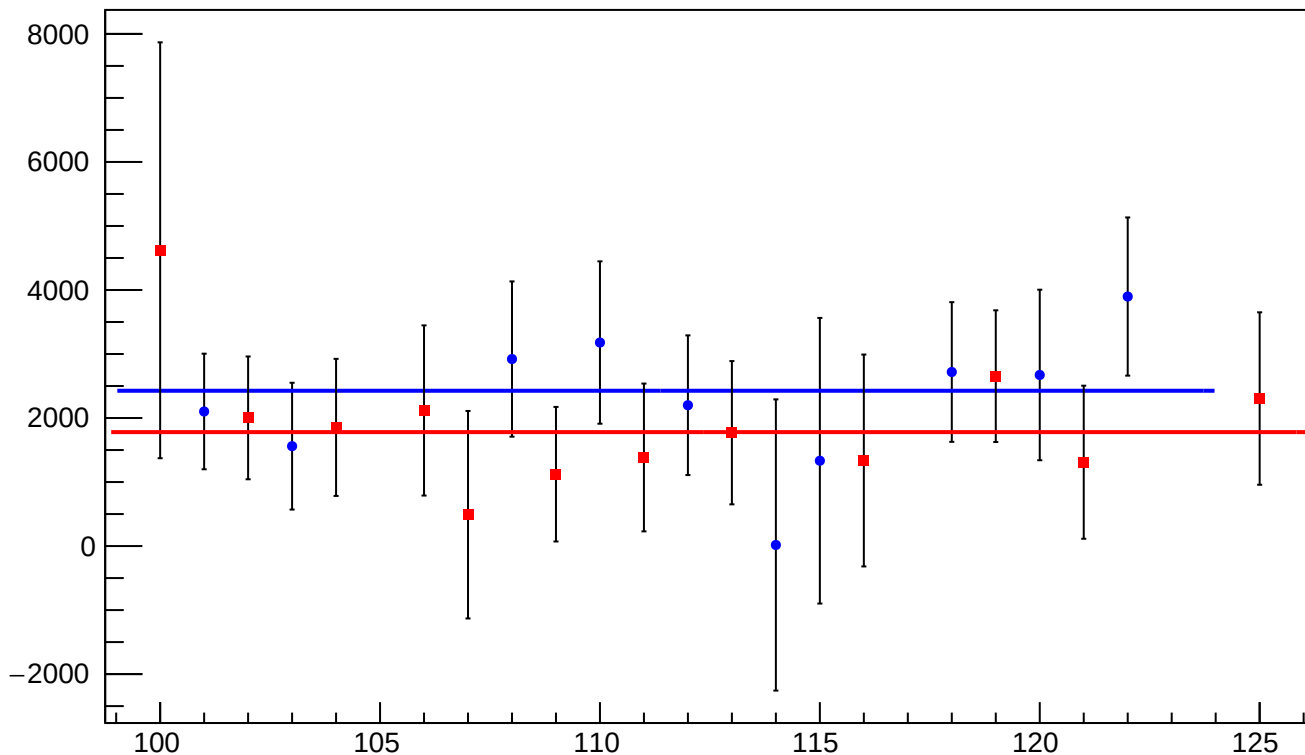


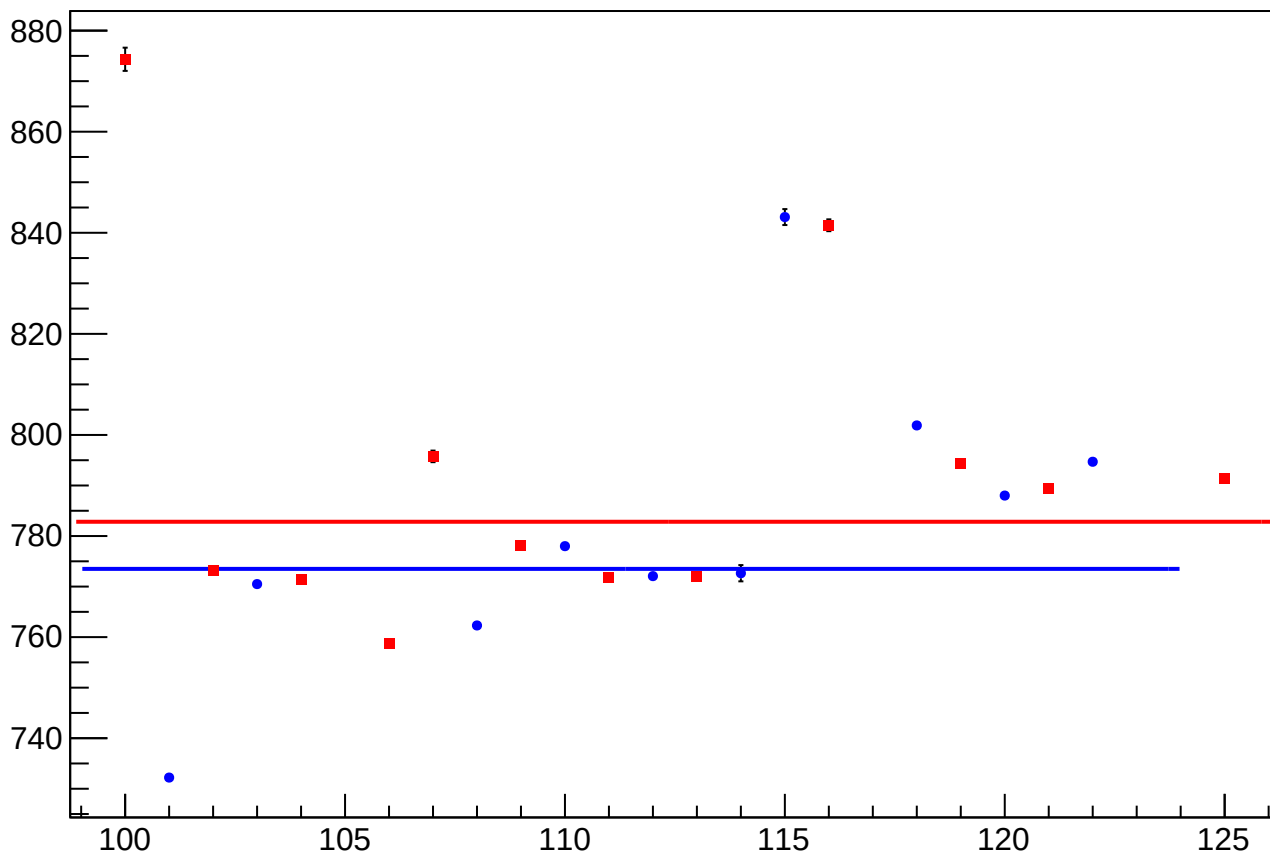
reg_asym_us_avg_mean vs Slug, Sign Corrected



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: 1779.860+/-353.198 χ^2/NDF : 3.1/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 2077.359+/-259.436 χ^2/NDF : 9.0/21
 In: 2425.951+/-382.326 χ^2/NDF : 4.3/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 2077.359+/-259.436 χ^2/NDF : 9.0/21

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: 782.825+/-0.250 χ^2/NDF : 6108.4/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

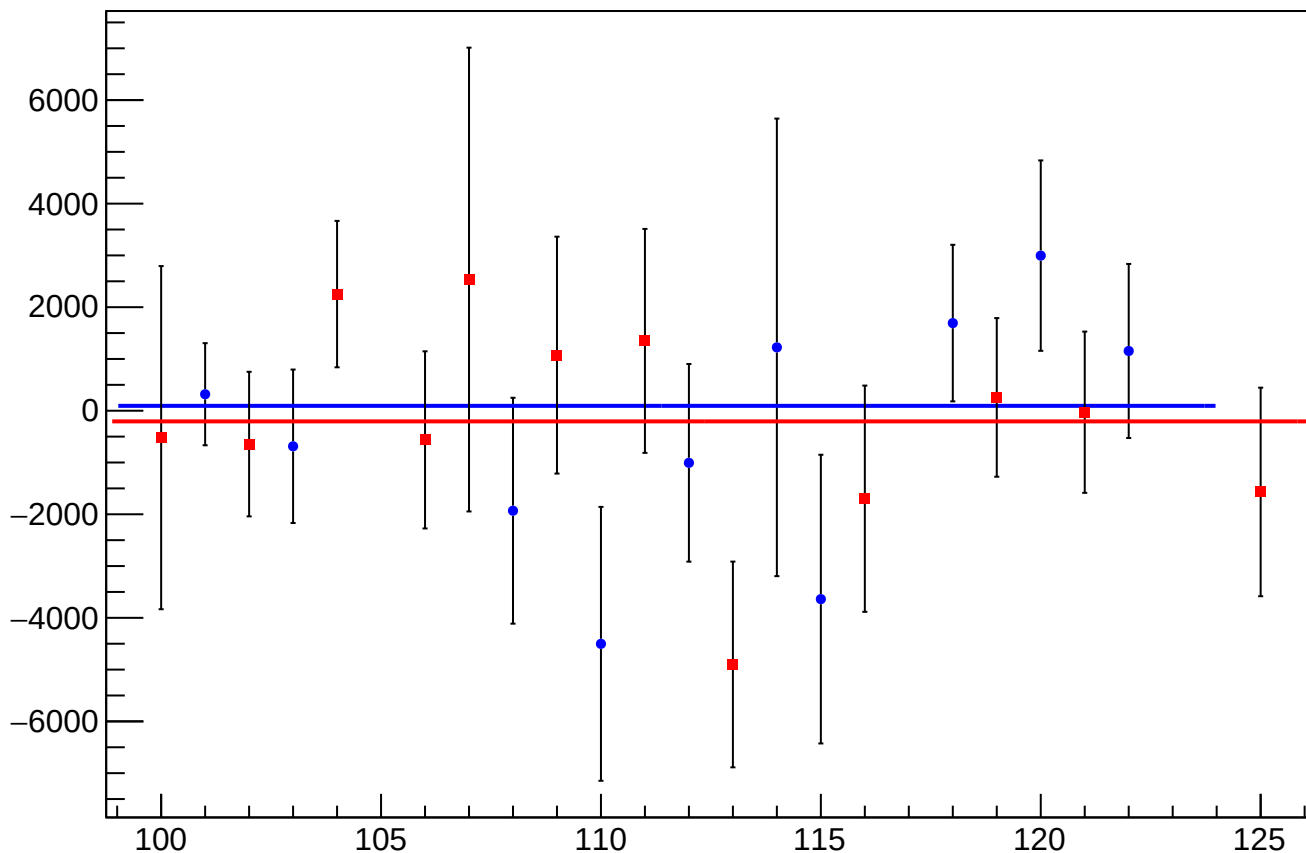
Right: 778.532+/-0.183 χ^2/NDF : 15276.3/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 778.532+/-0.183 χ^2/NDF : 15276.3/21

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: -205.796+/-538.513 χ^2/NDF : 11.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

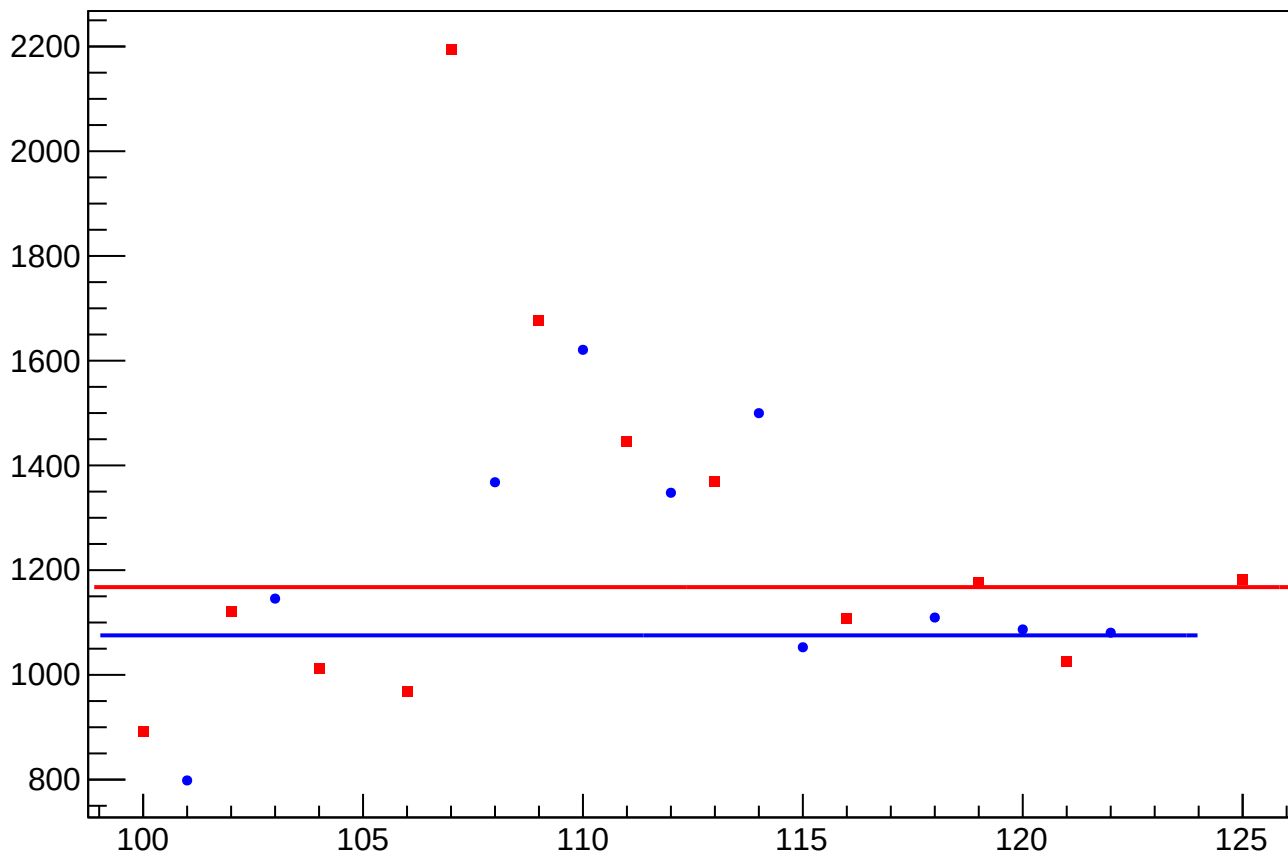
Right: -57.209+/-382.735 χ^2/NDF : 21.6/21

In: 94.460+/-544.067 χ^2/NDF :10.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -57.209+/-382.735 χ^2/NDF : 21.6/21

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: 1167.590+/-0.381 χ^2/NDF : 343558.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

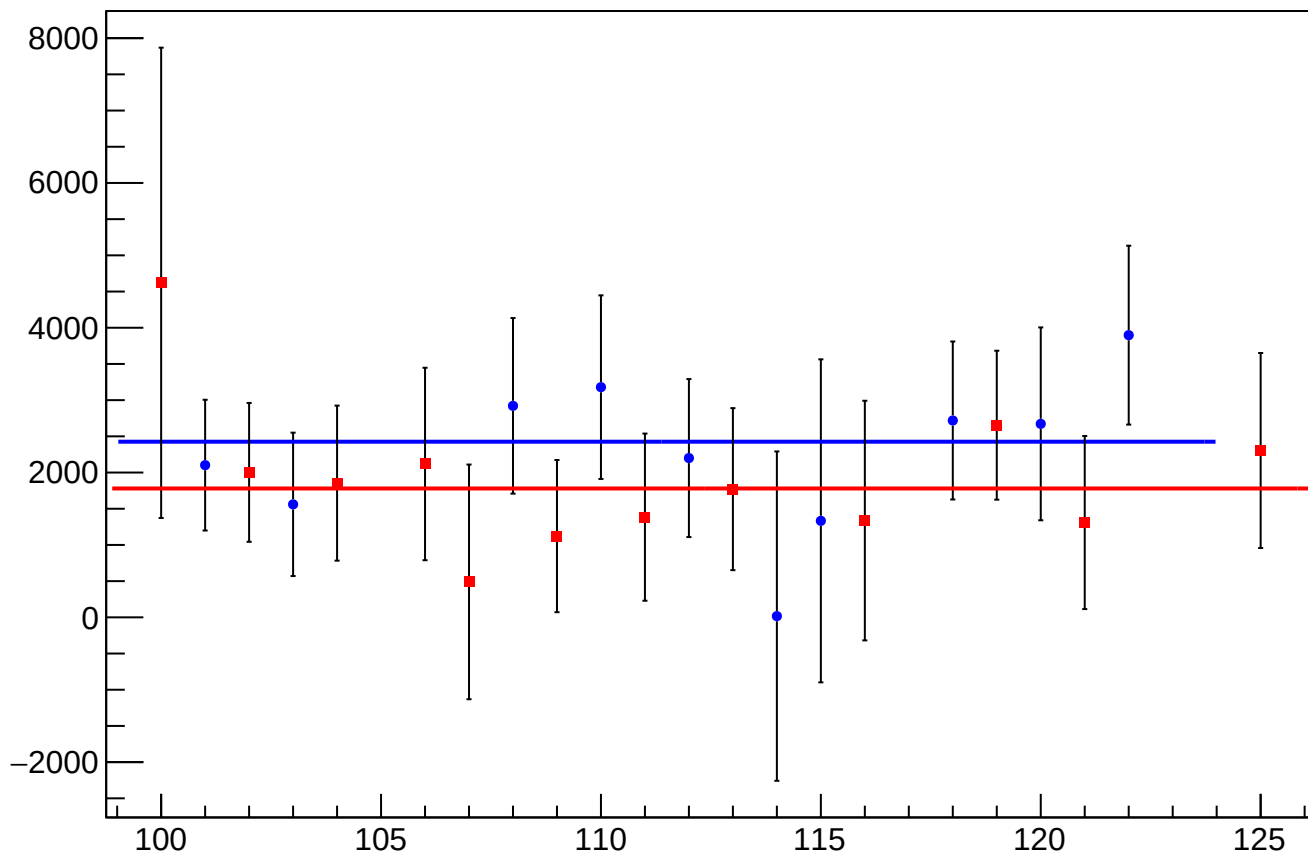
Right: 1121.997+/-0.271 χ^2/NDF : 716245.1/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1121.997+/-0.271 χ^2/NDF : 716245.1/21

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: 1779.860+/-353.198 χ^2/NDF : 3.1/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

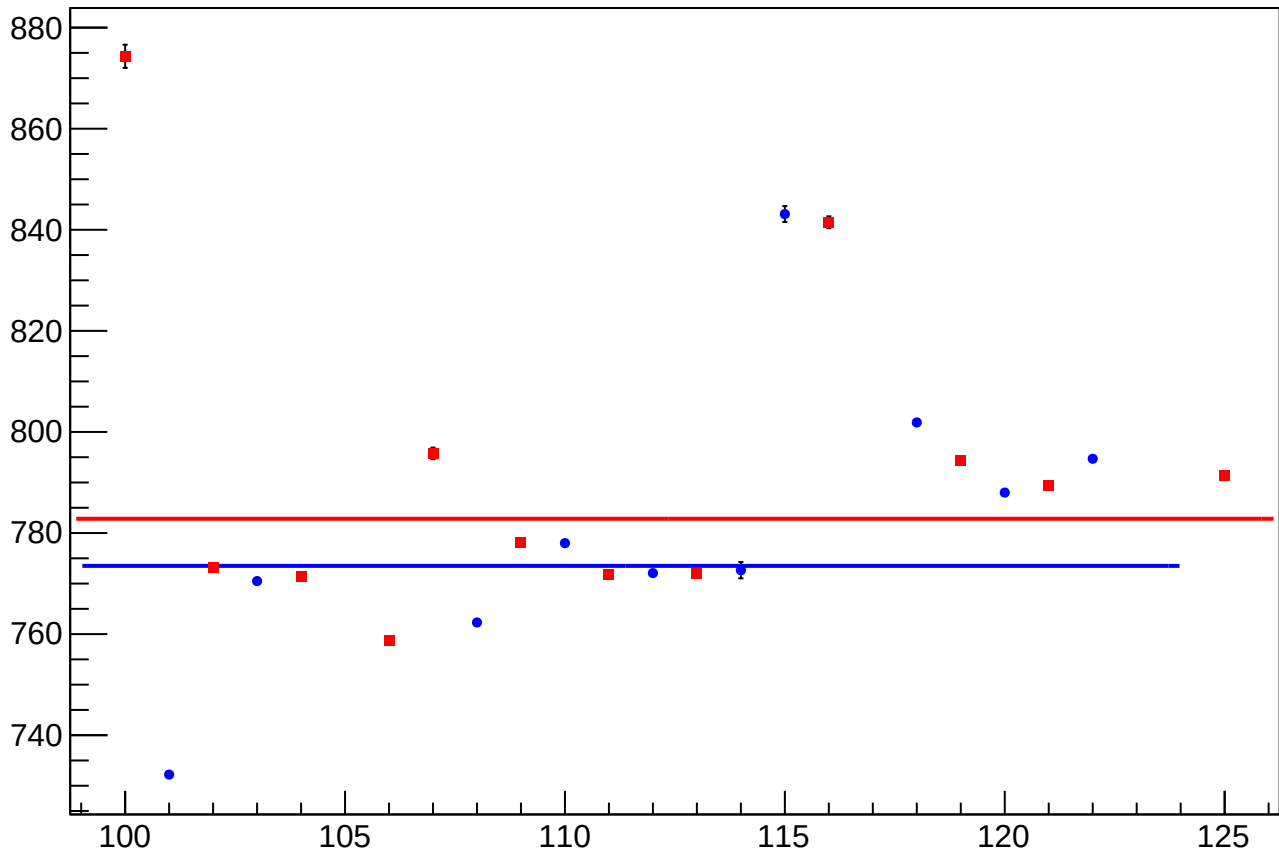
Right: 2077.359+/-259.436 χ^2/NDF : 9.0/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2077.359+/-259.436 χ^2/NDF : 9.0/21

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: 782.825+/-0.250 χ^2/NDF : 6108.4/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

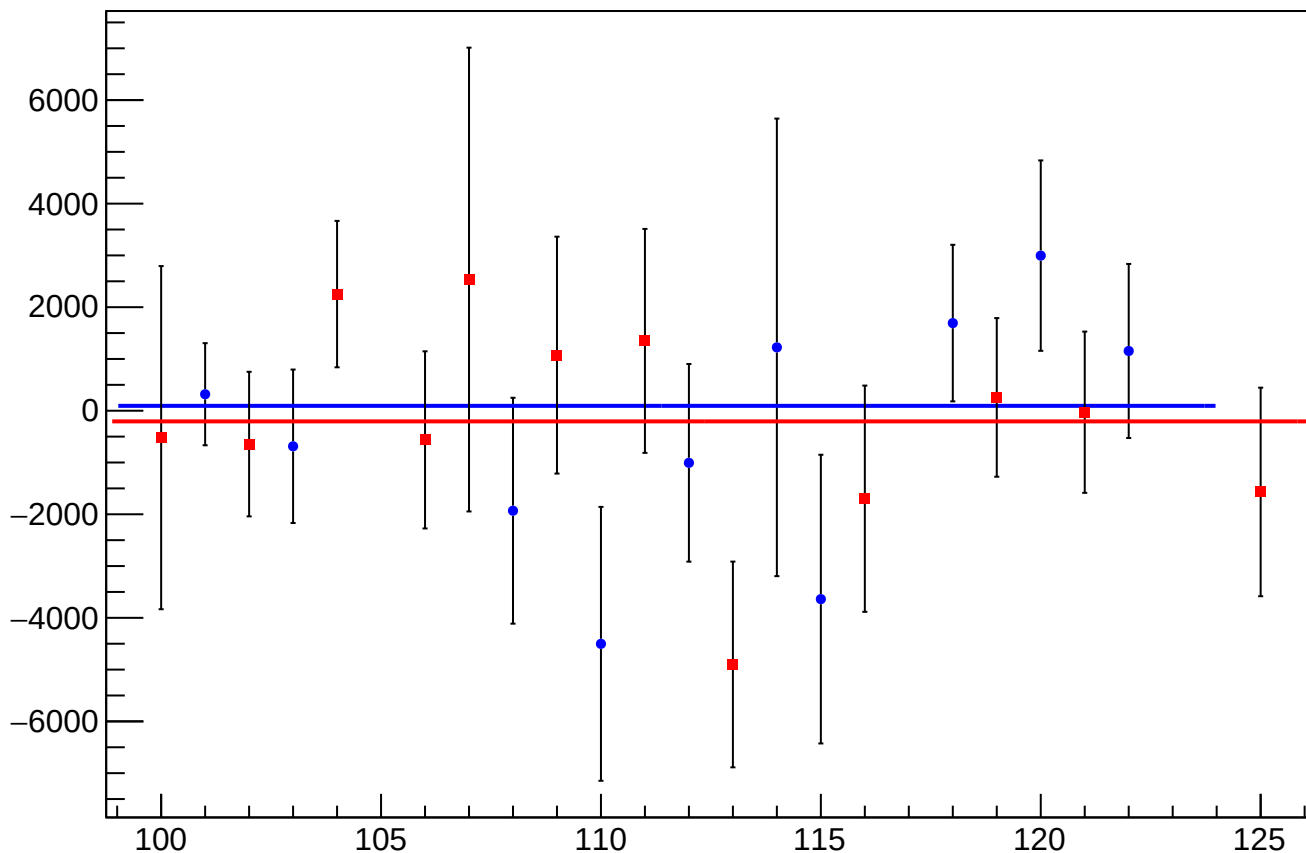
Right: 778.532+/-0.183 χ^2/NDF : 15276.3/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 778.532+/-0.183 χ^2/NDF : 15276.3/21

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: -205.796+/-538.513 χ^2/NDF : 11.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

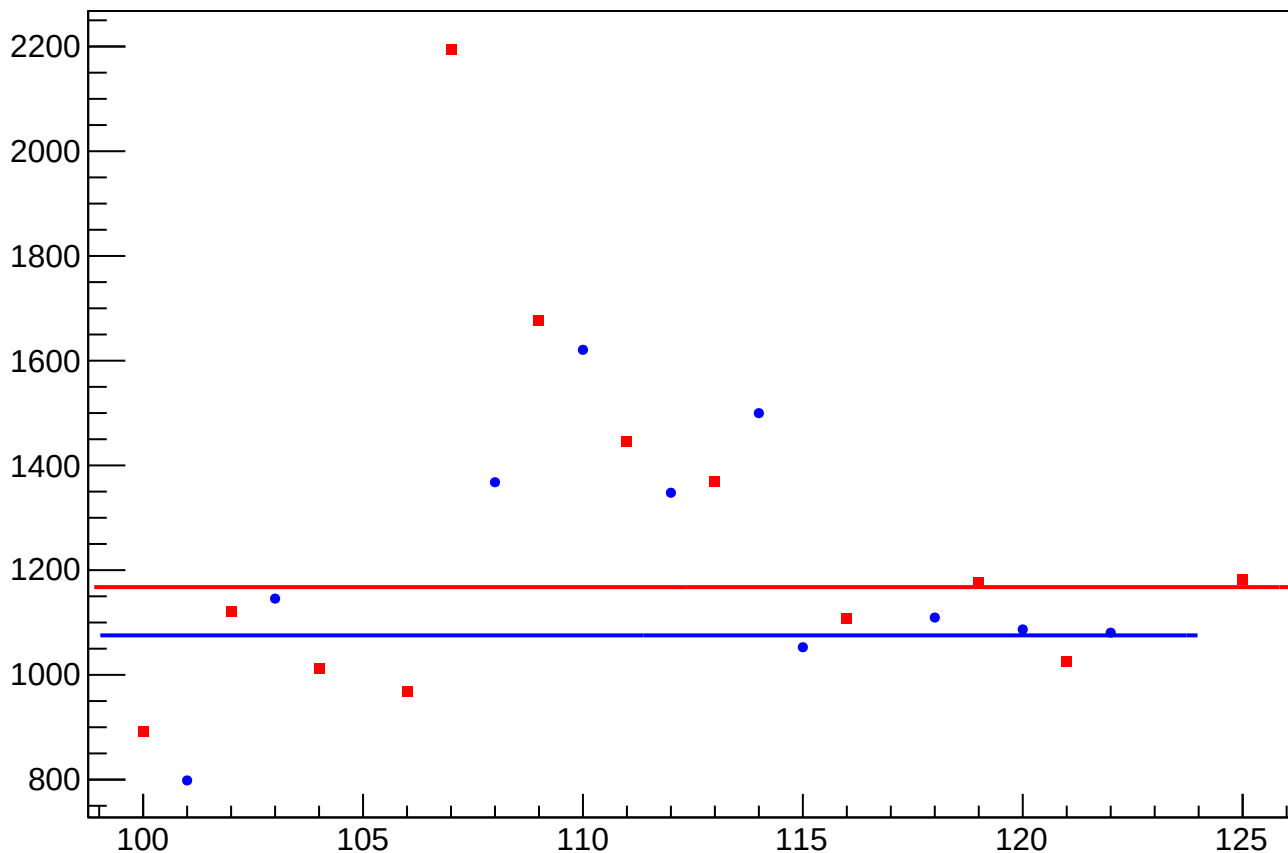
Right: -57.209+/-382.735 χ^2/NDF : 21.6/21

In: 94.460+/-544.067 χ^2/NDF :10.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -57.209+/-382.735 χ^2/NDF : 21.6/21

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: 1167.590+/-0.381 χ^2/NDF : 343558.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

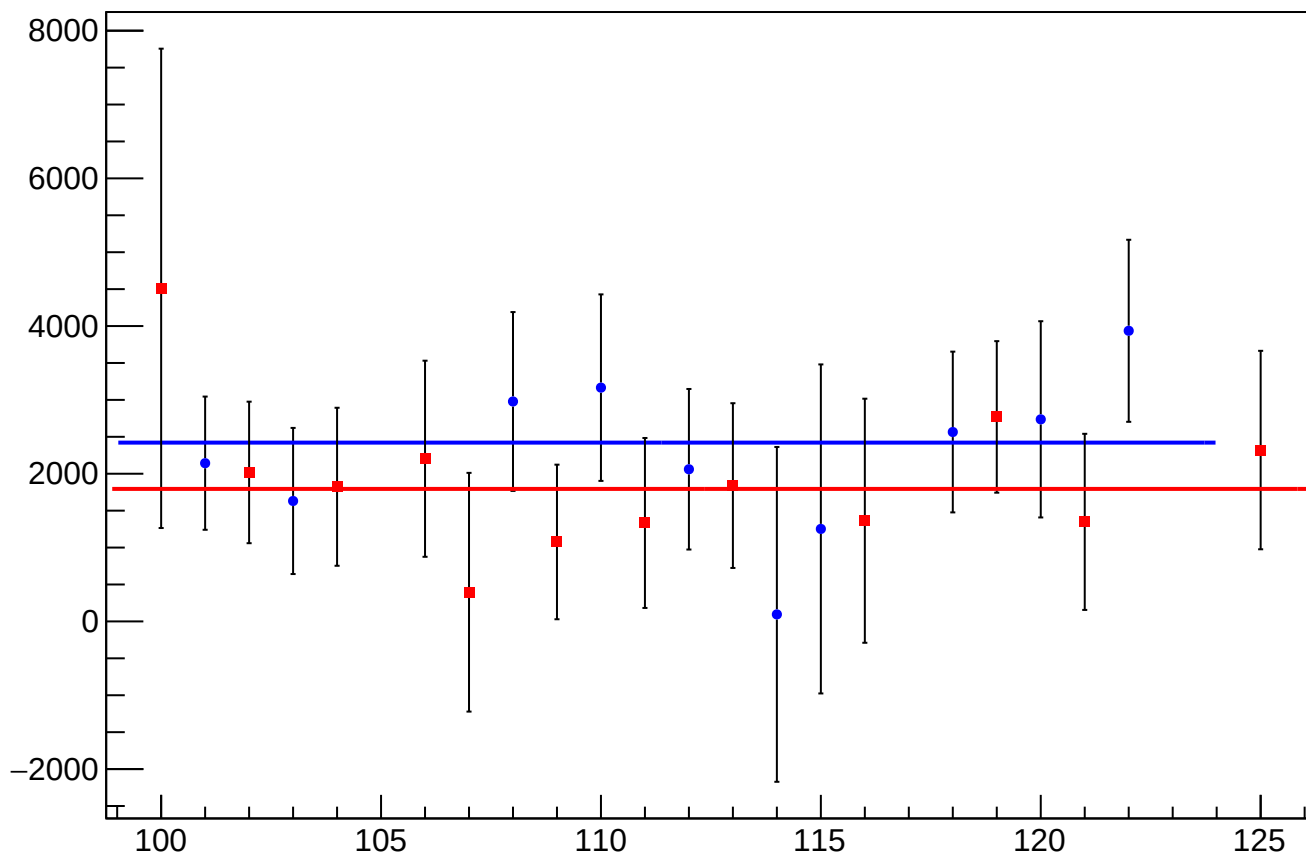
Right: 1121.997+/-0.271 χ^2/NDF : 716245.1/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1121.997+/-0.271 χ^2/NDF : 716245.1/21

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: 1794.426+/-352.438 χ^2/NDF : 3.5/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

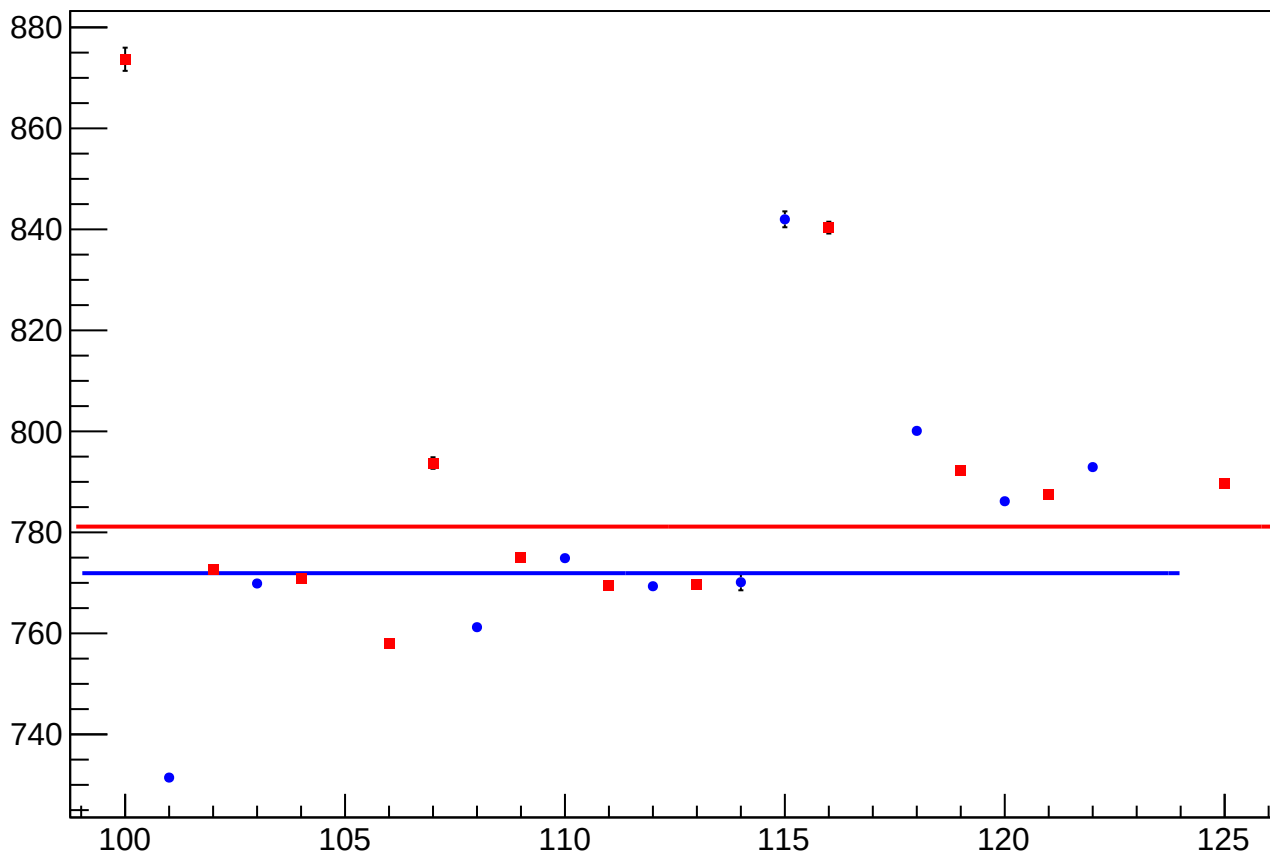
Right: 2083.081+/-258.889 χ^2/NDF : 9.3/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2083.081+/-258.889 χ^2/NDF : 9.3/21

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: 781.142+/-0.249 χ^2/NDF : 6117.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

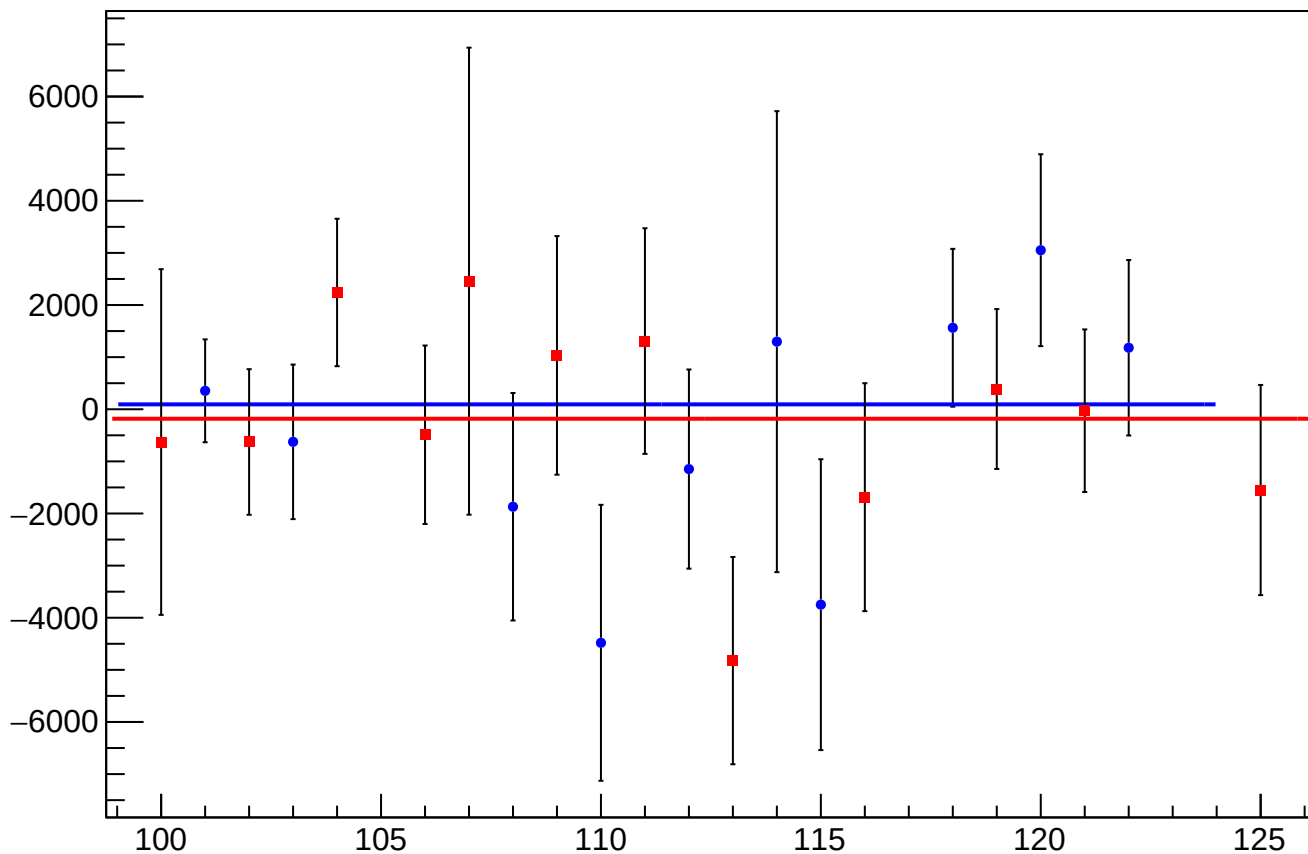
Right: 776.895+/-0.183 χ^2/NDF : 15092.9/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 776.895+/-0.183 χ^2/NDF : 15092.9/21

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: -182.096+/-538.949 χ^2/NDF : 10.7/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

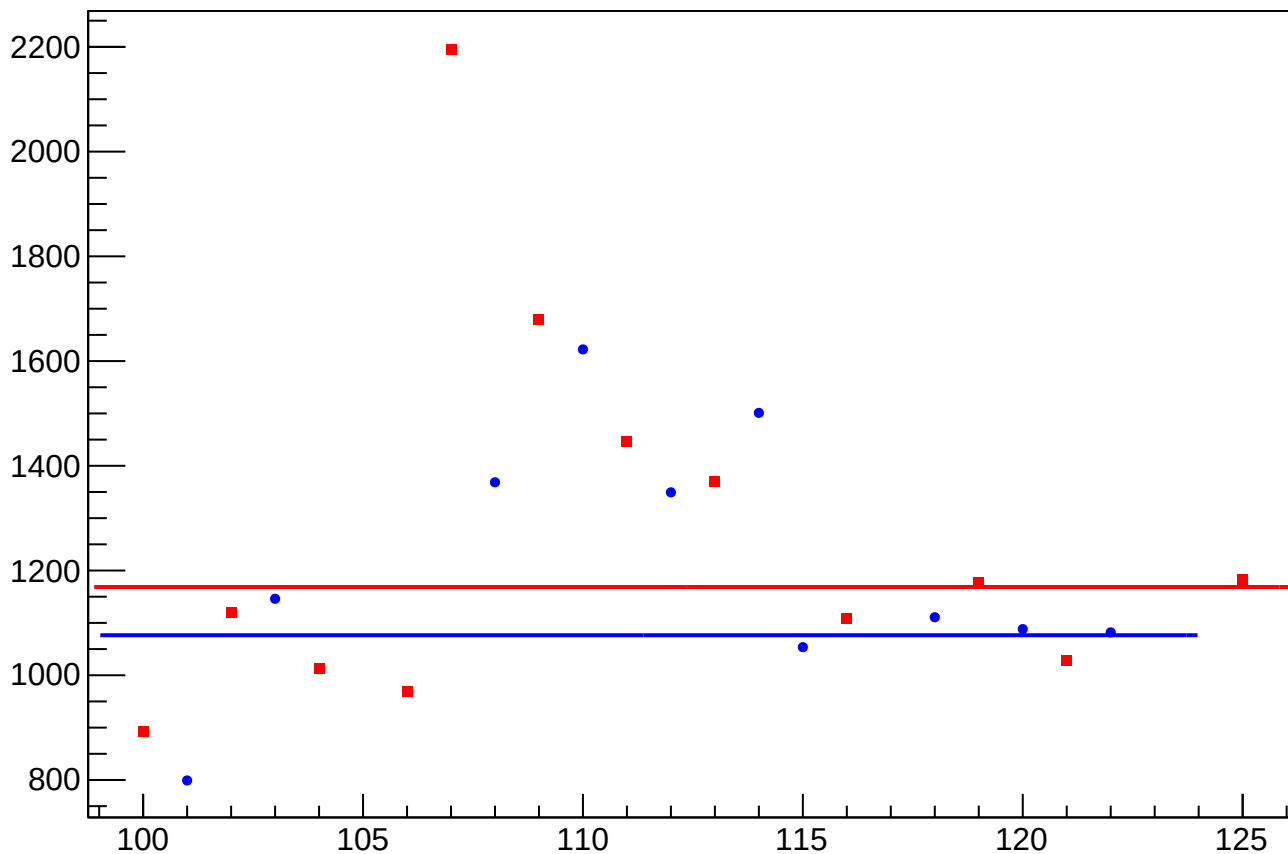
Right: -45.494+/-383.064 χ^2/NDF : 21.3/21

In: 93.968+/-544.562 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -45.494+/-383.064 χ^2/NDF : 21.3/21

asym_us_avg_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 1076.446 $\pm$ 0.385 χ^2 /NDF: 343645.0/9

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

Right Out: 1168.543 $\pm$ 0.381 χ^2 /NDF: 343584.7/11

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

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

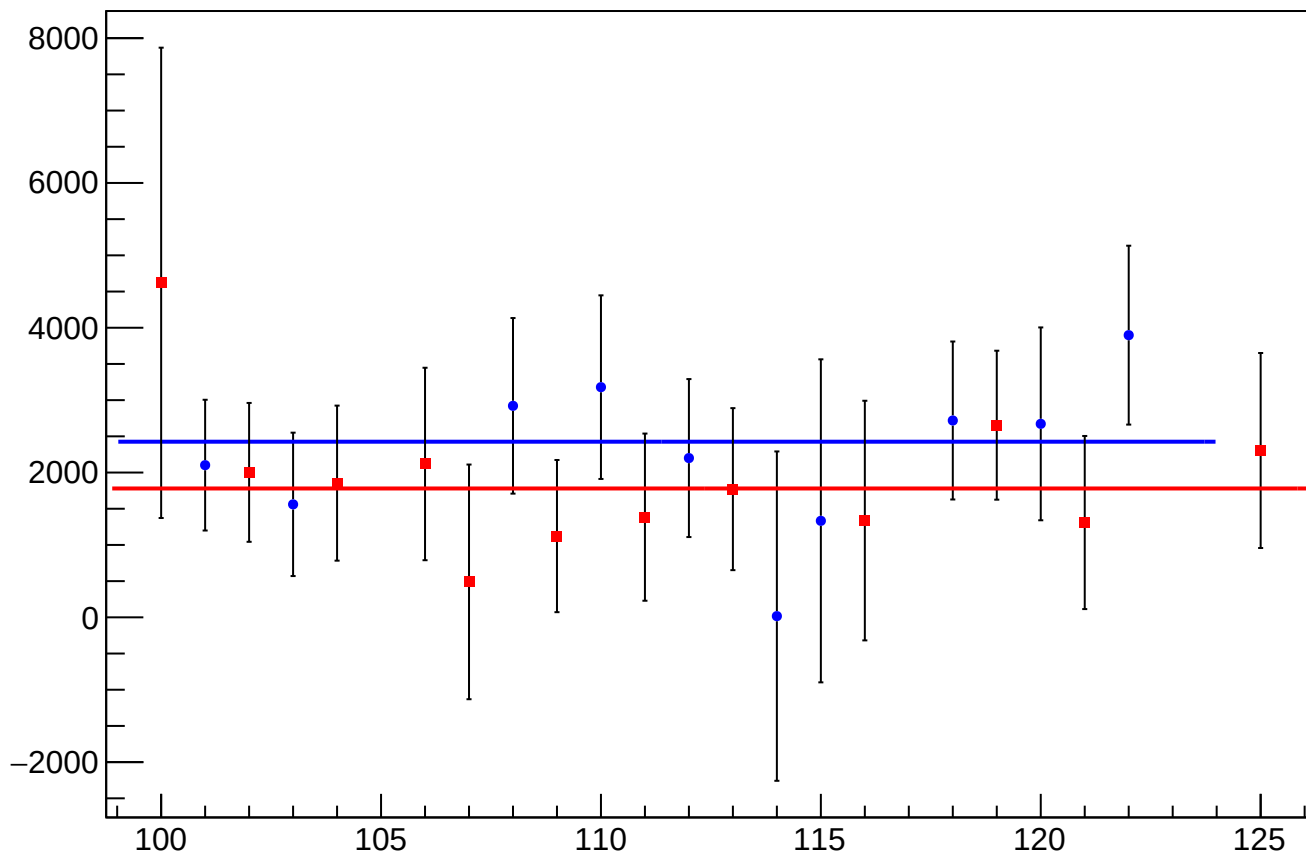
Right: 1122.972 $\pm$ 0.271 χ^2 /NDF: 716128.1/21

In: 1076.446 $\pm$ 0.385 χ^2 /NDF:343645.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1122.972 $\pm$ 0.271 χ^2 /NDF: 716128.1/21

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: 1779.860+/-353.198 χ^2/NDF : 3.1/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

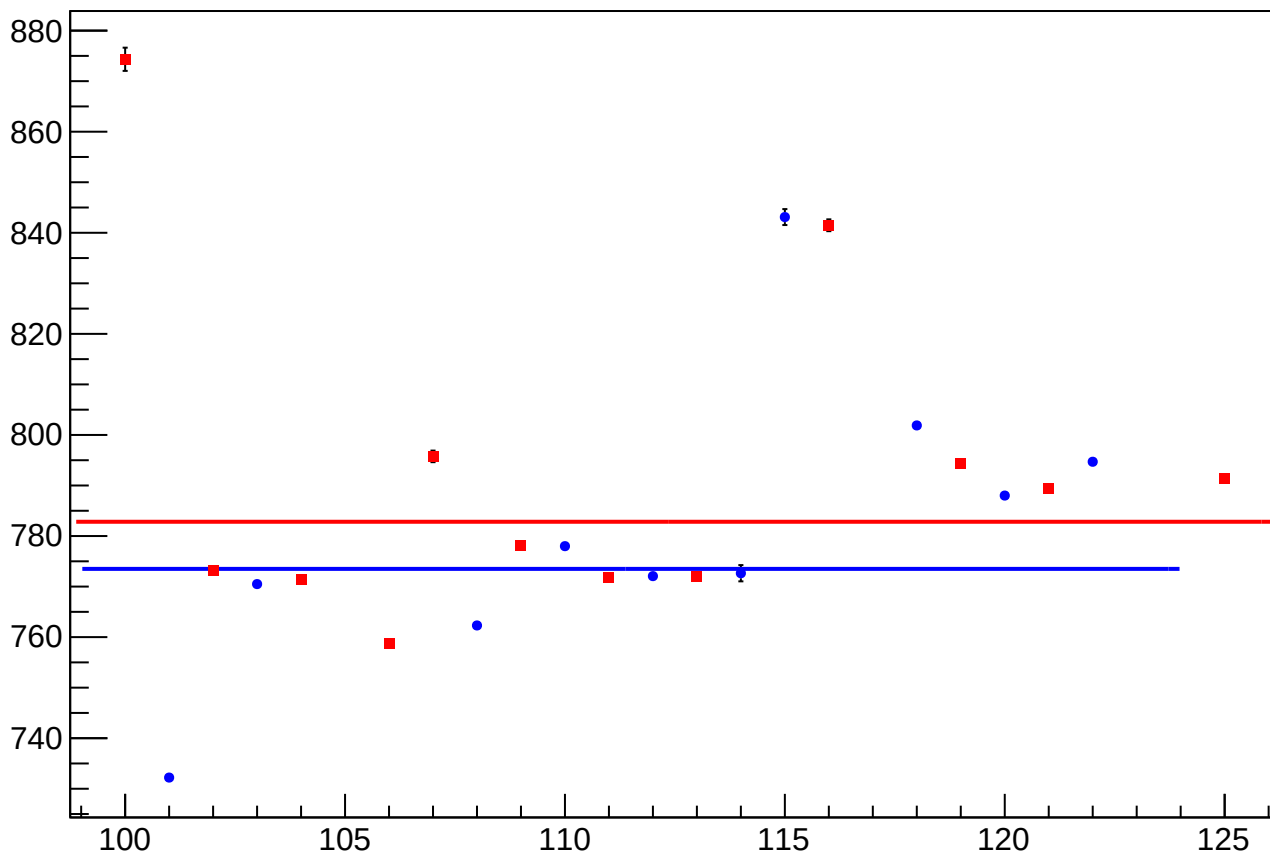
Right: 2077.359+/-259.436 χ^2/NDF : 9.0/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2077.359+/-259.436 χ^2/NDF : 9.0/21

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: 782.825+/-0.250 χ^2/NDF : 6108.4/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

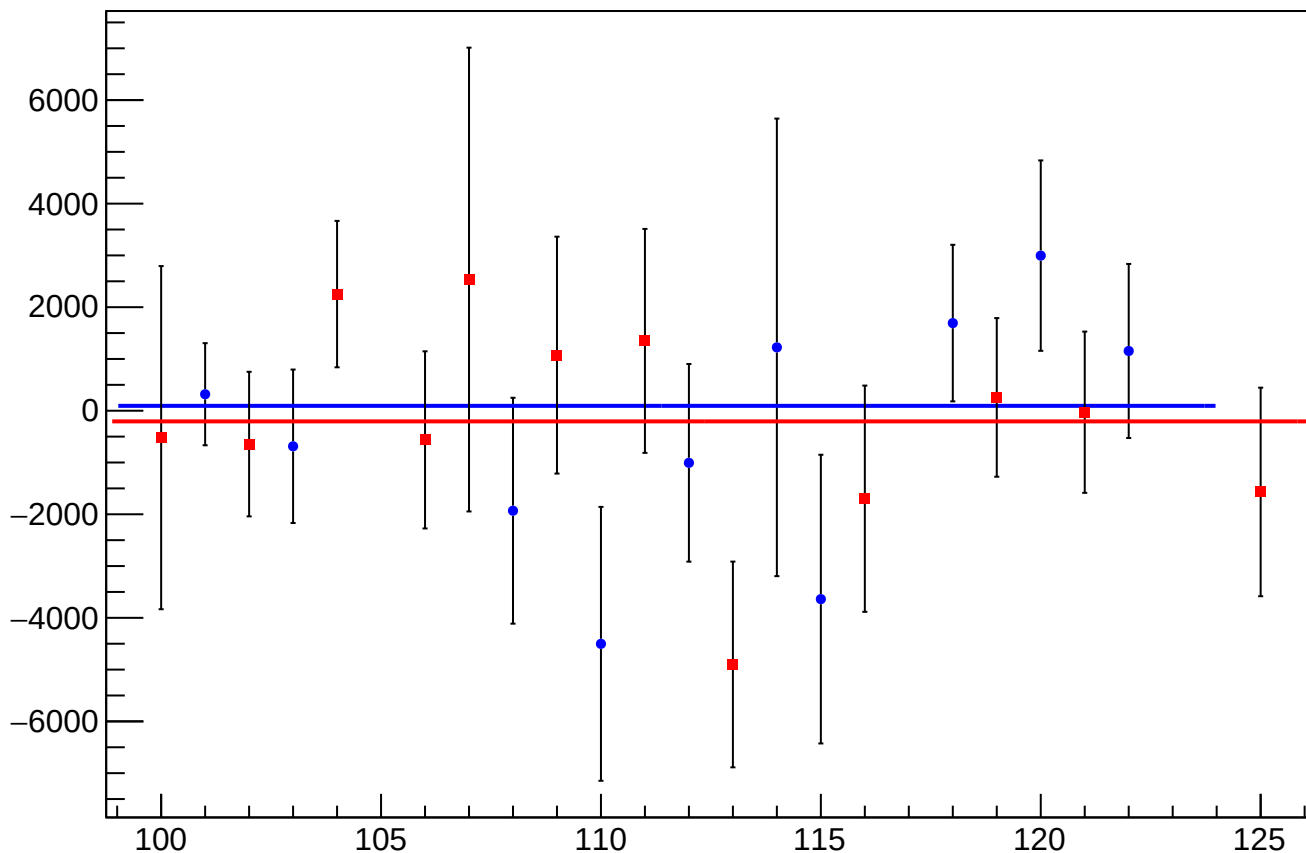
Right: 778.532+/-0.183 χ^2/NDF : 15276.3/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 778.532+/-0.183 χ^2/NDF : 15276.3/21

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: -205.796+/-538.513 χ^2/NDF : 11.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

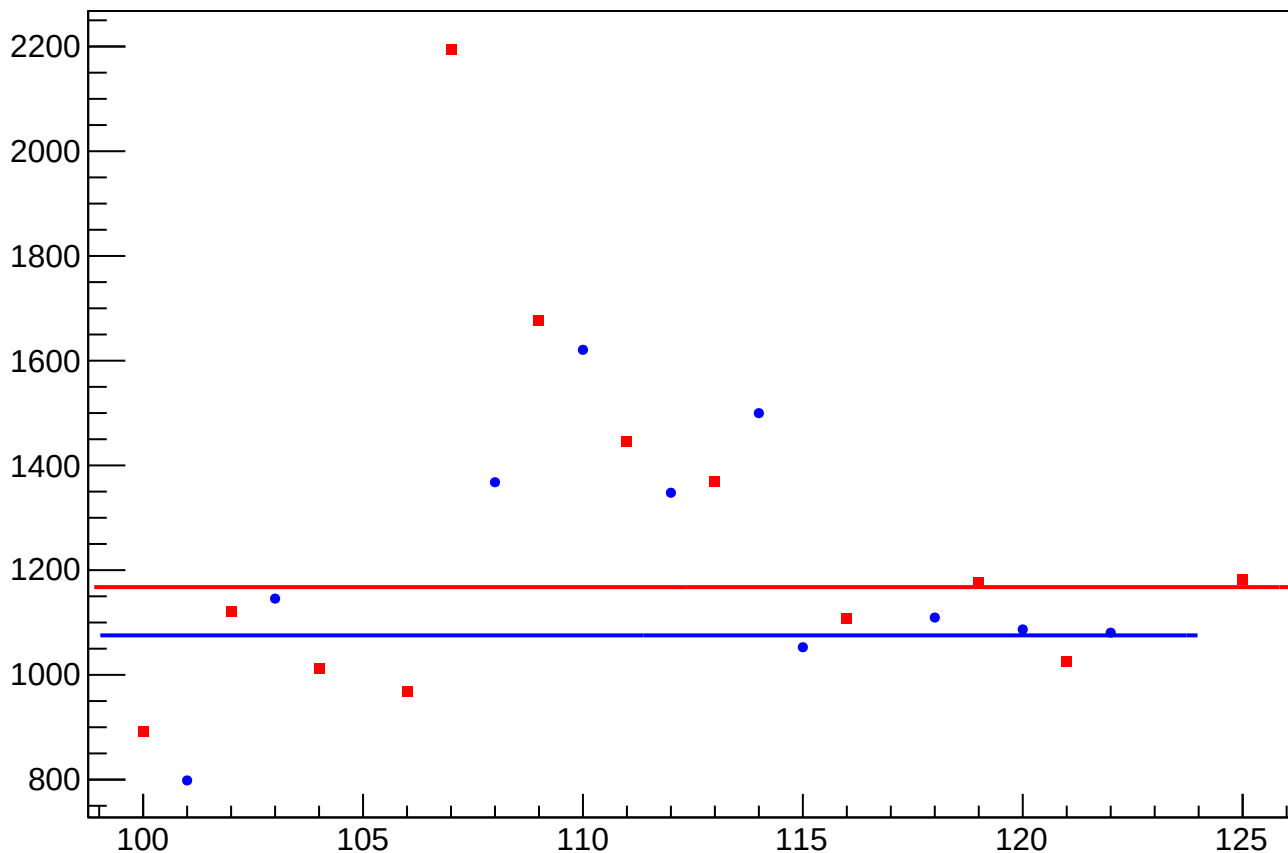
Right: -57.209+/-382.735 χ^2/NDF : 21.6/21

In: 94.460+/-544.067 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -57.209+/-382.735 χ^2/NDF : 21.6/21

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: 1167.590+/-0.381 χ^2/NDF : 343558.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

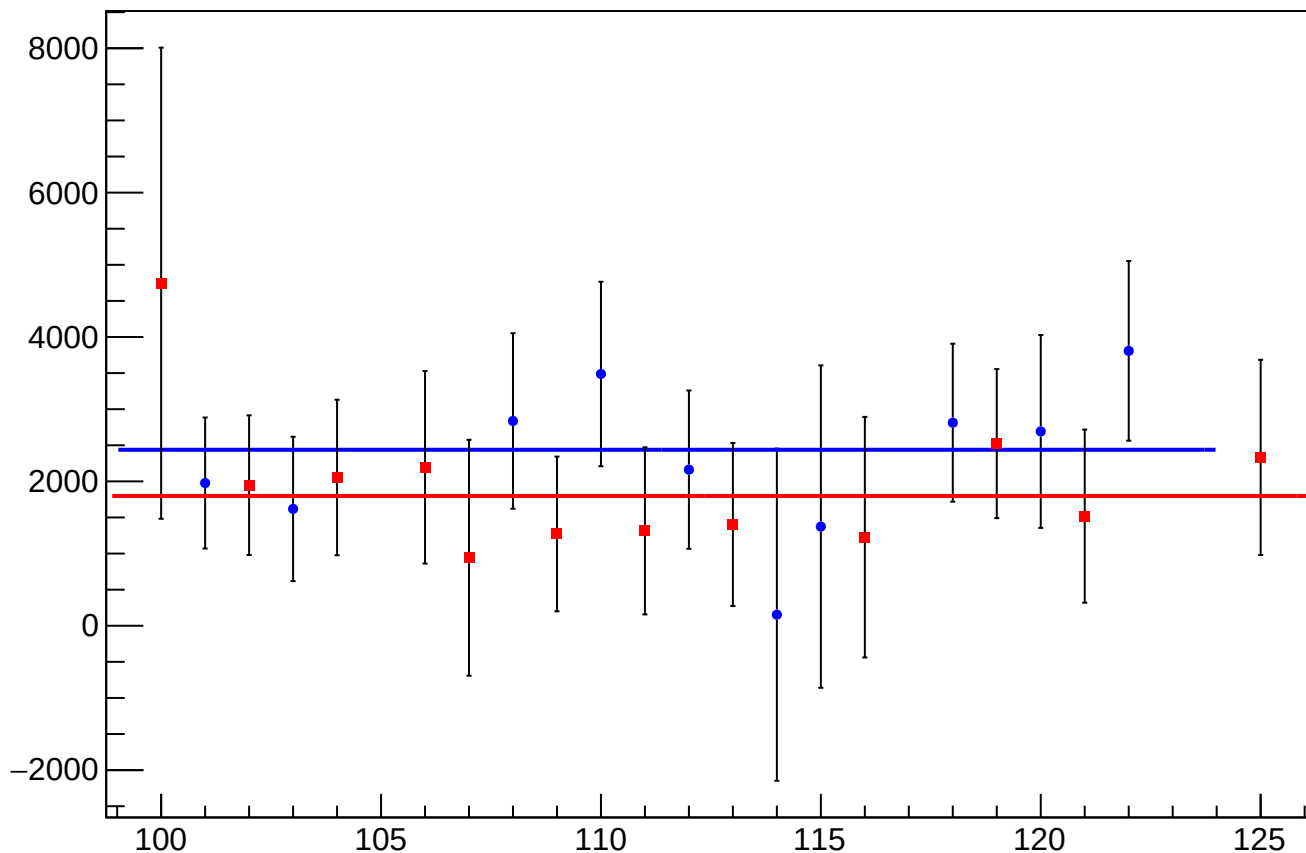
Right: 1121.997+/-0.271 χ^2/NDF : 716245.1/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1121.997+/-0.271 χ^2/NDF : 716245.1/21

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: 1798.398+/-355.693 χ^2/NDF : 2.6/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

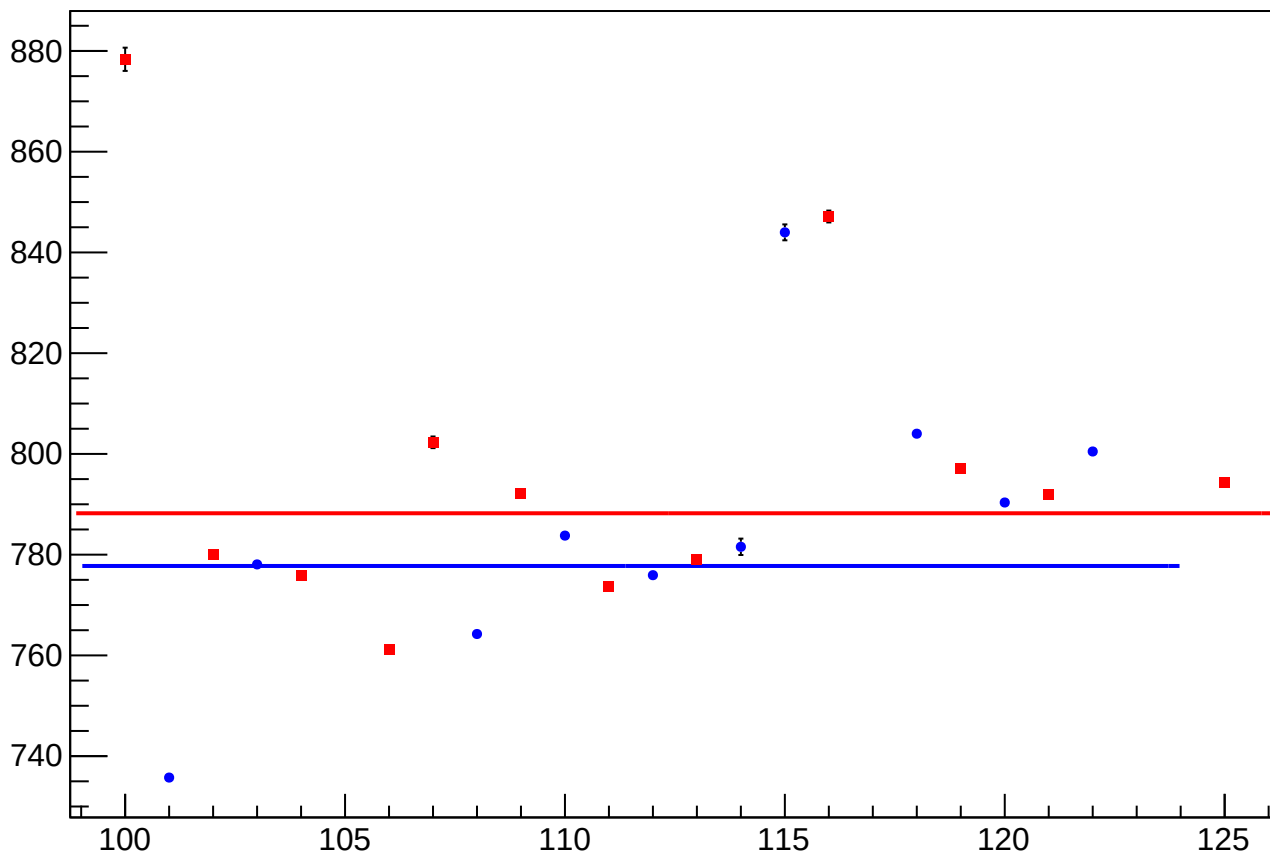
Right: 2093.341+/-261.083 χ^2/NDF : 8.5/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2093.341+/-261.083 χ^2/NDF : 8.5/21

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 788.218 $\pm$ 0.252 χ^2 /NDF: 6083.9/11

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

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

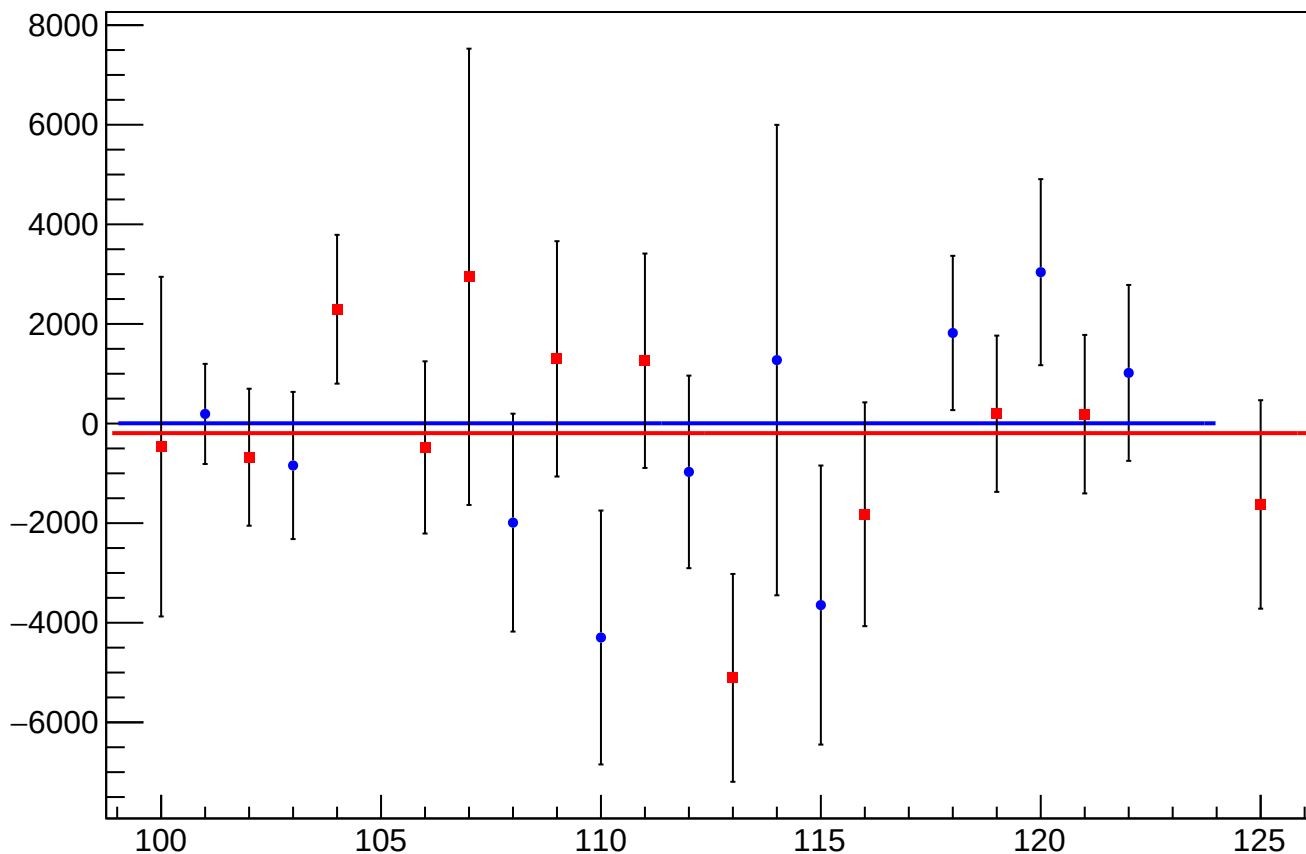
Right: 783.392 $\pm$ 0.185 χ^2 /NDF: 15228.3/21

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 783.392 $\pm$ 0.185 χ^2 /NDF: 15228.3/21

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: -192.522+/-550.774 χ^2/NDF : 10.9/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

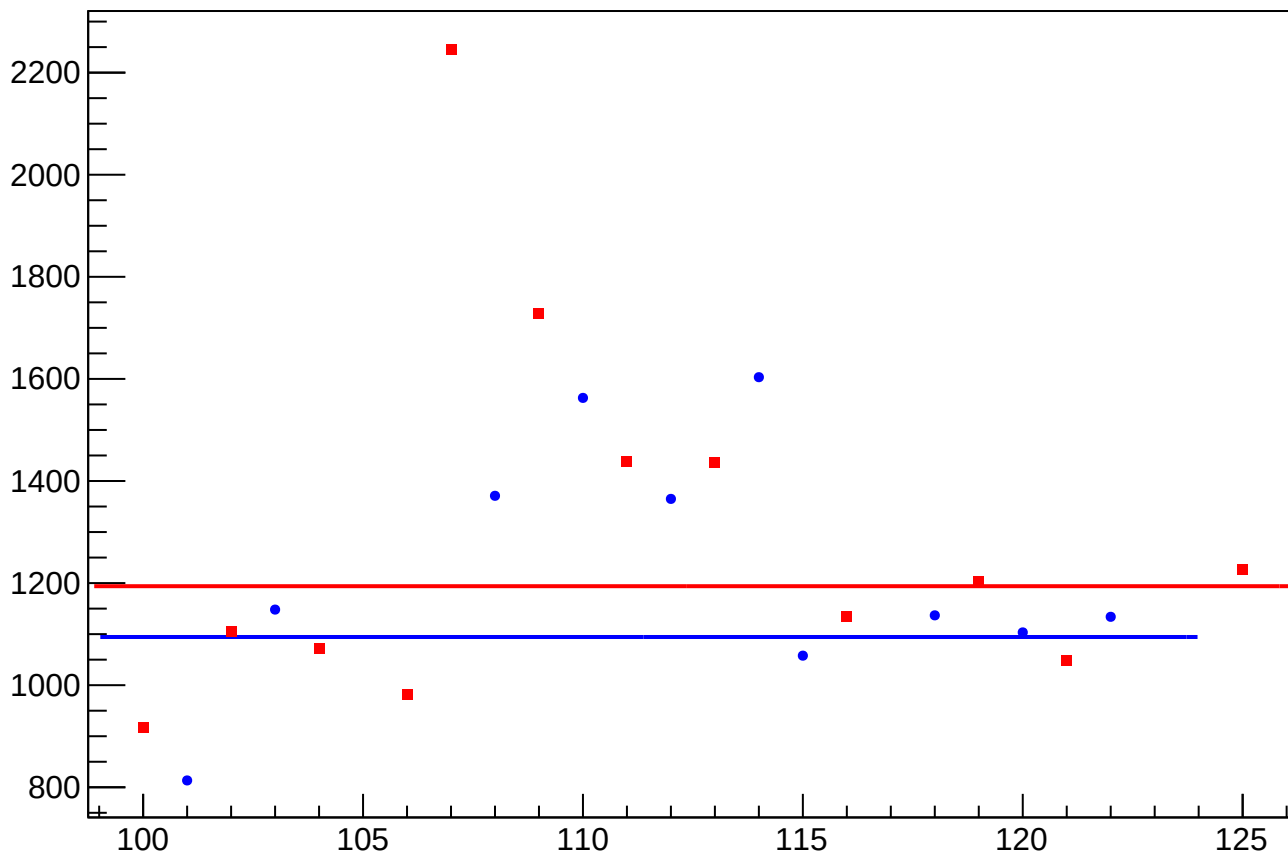
Right: -94.091+/-390.136 χ^2/NDF : 21.4/21

In: 5.030+/-552.703 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -94.091+/-390.136 χ^2/NDF : 21.4/21

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: 1193.919+/-0.389 χ^2/NDF : 344131.5/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

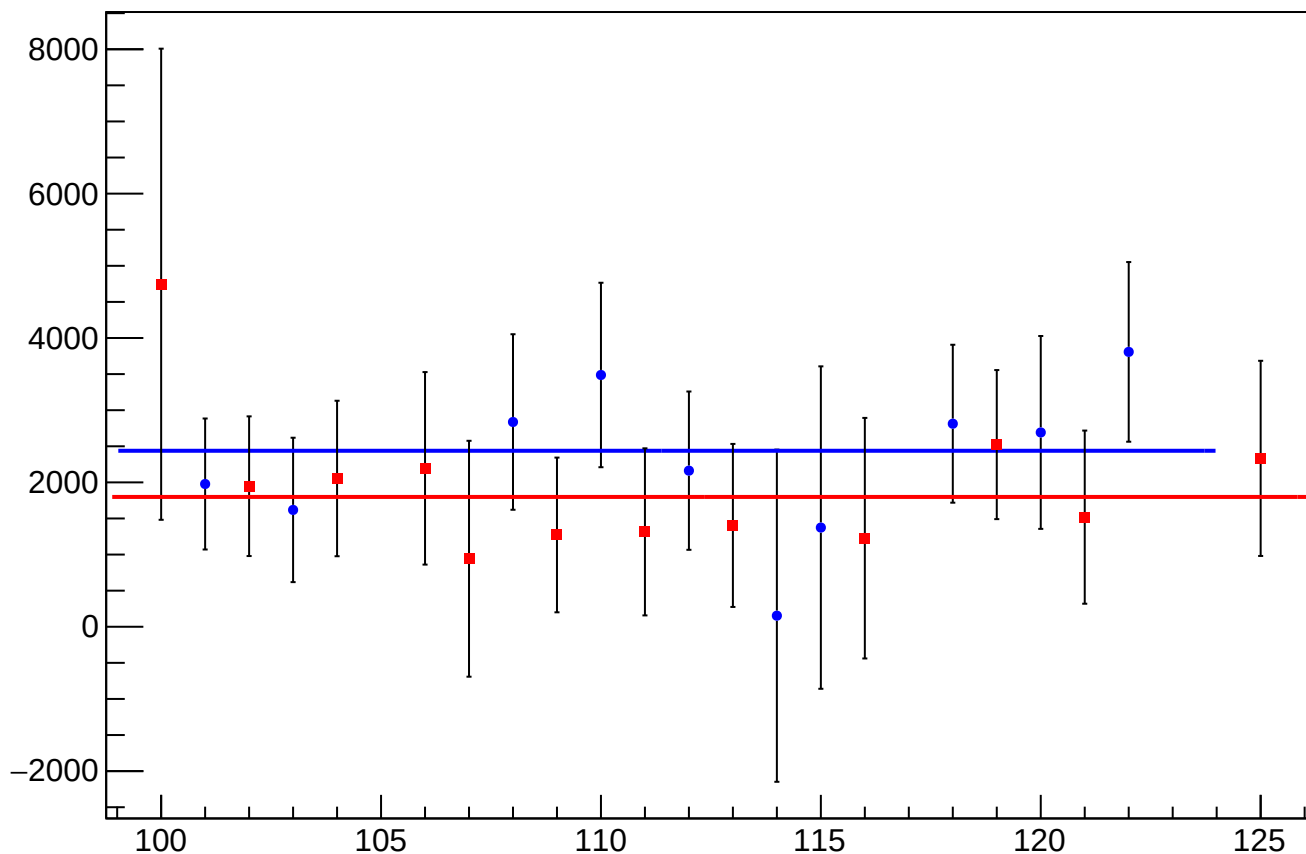
Right: 1144.337+/-0.276 χ^2/NDF : 700287.4/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1144.337+/-0.276 χ^2/NDF : 700287.4/21

eigen_dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2437.875 $\pm$ 384.435 χ^2 /NDF: 4.4/9

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

Right Out: 1798.398 $\pm$ 355.693 χ^2 /NDF: 2.6/11

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

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

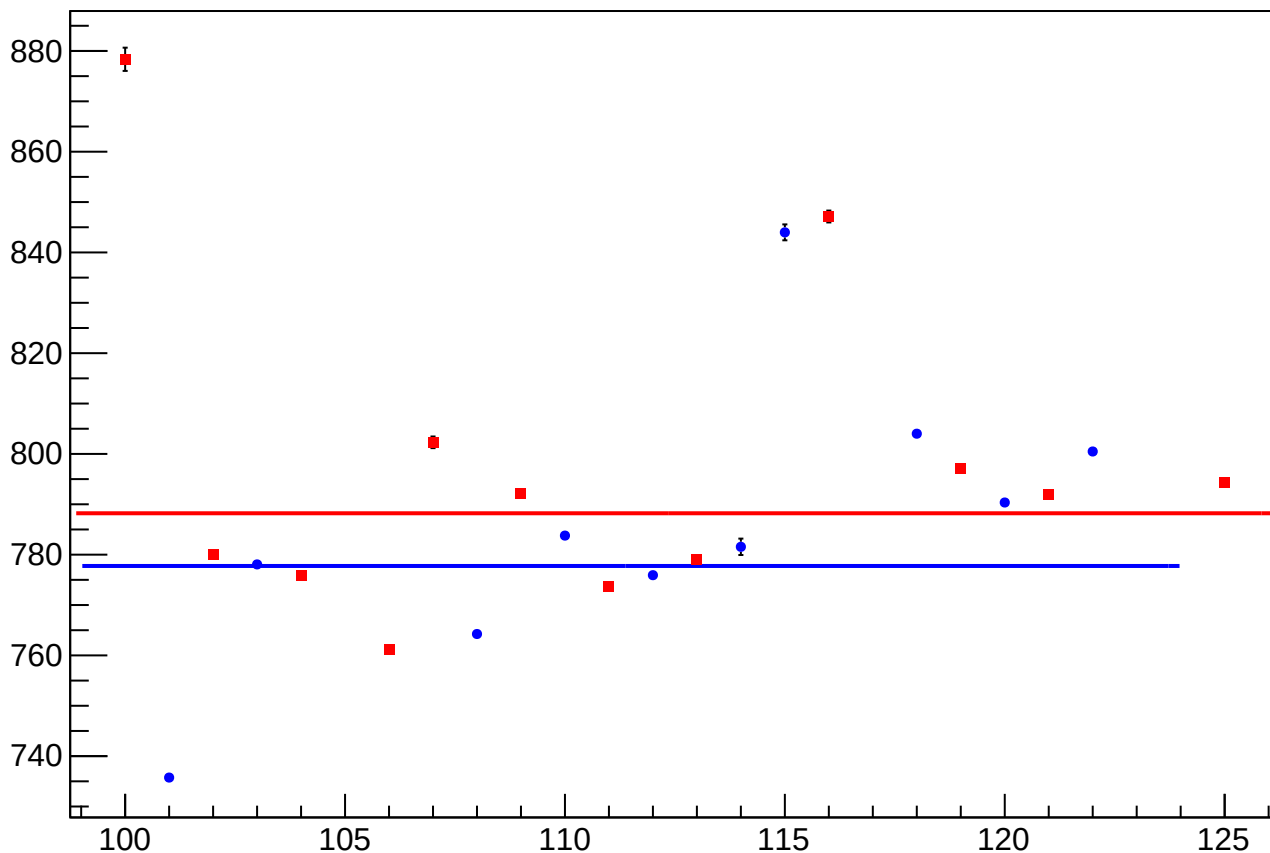
Right: 2093.341 $\pm$ 261.083 χ^2 /NDF: 8.5/21

In: 2437.875 $\pm$ 384.435 χ^2 /NDF:4.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2093.341 $\pm$ 261.083 χ^2 /NDF: 8.5/21

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: 788.218 ± 0.252 χ^2/NDF : 6083.9/11

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

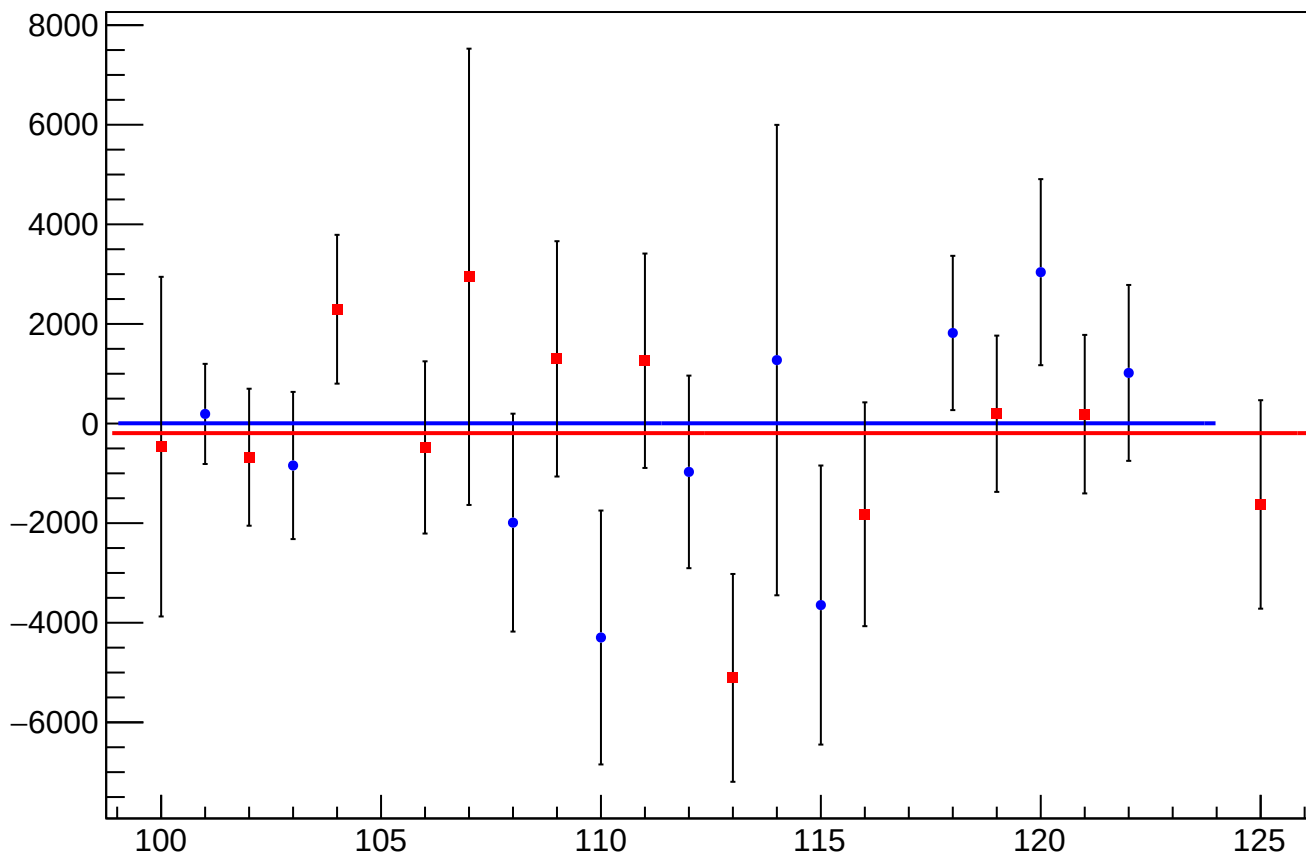
Right: 783.392 ± 0.185 χ^2/NDF : 15228.3/21

In: 777.755 ± 0.272 χ^2/NDF : 8346.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 783.392 ± 0.185 χ^2/NDF : 15228.3/21

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: -192.521+/-550.772 χ^2/NDF : 10.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

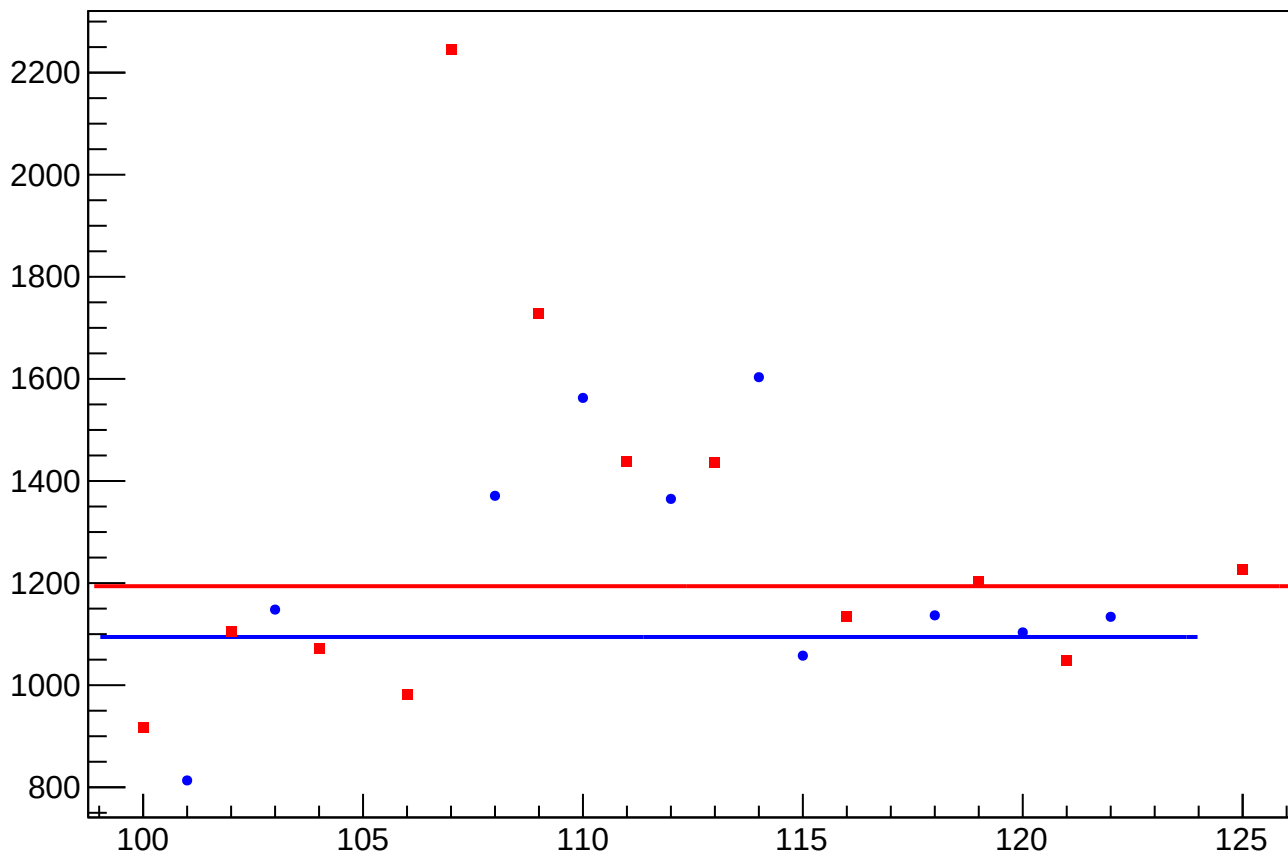
Right: -94.090+/-390.135 χ^2/NDF : 21.4/21

In: 5.031+/-552.701 χ^2/NDF :10.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -94.090+/-390.135 χ^2/NDF : 21.4/21

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: 1193.916+/-0.389 χ^2/NDF : 344129.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

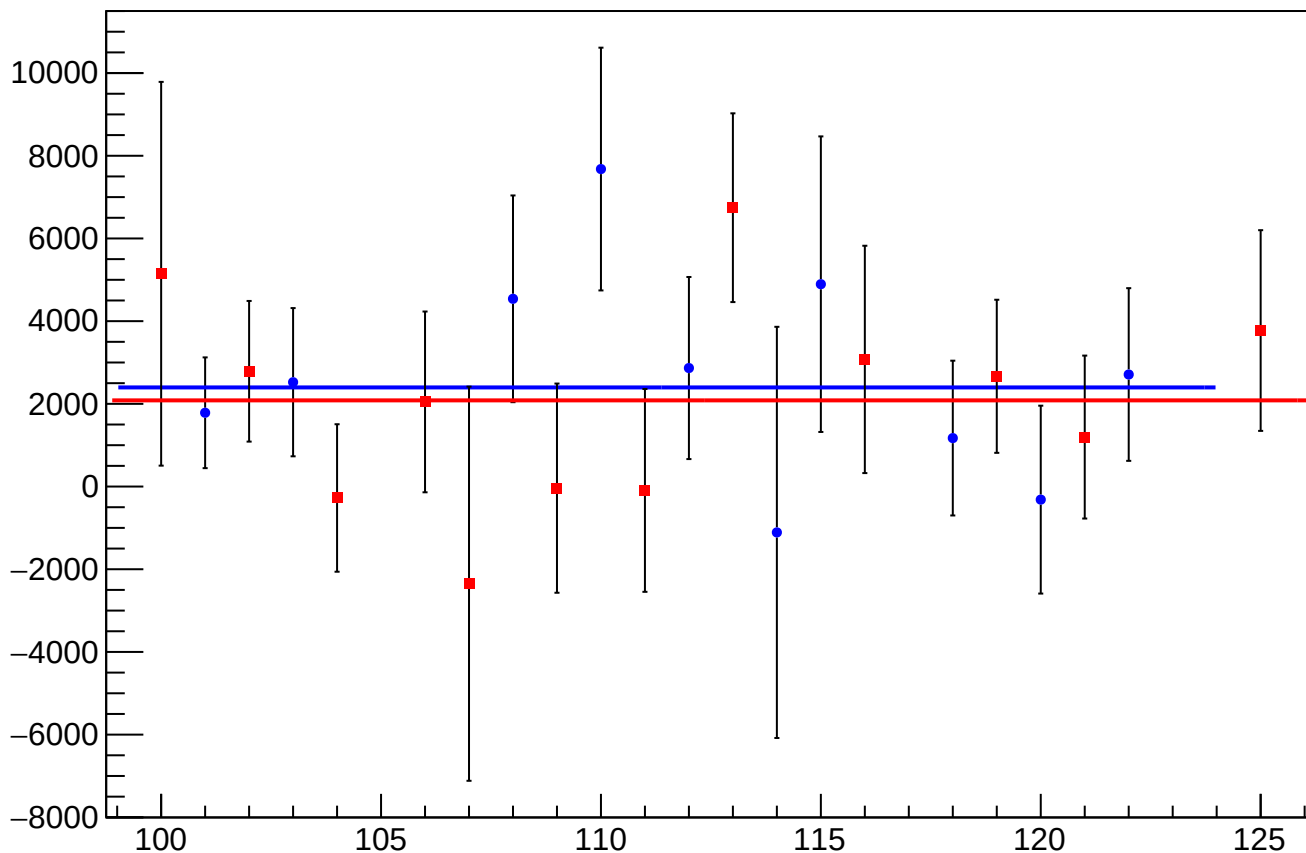
Right: 1144.334+/-0.276 χ^2/NDF : 700283.6/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1144.334+/-0.276 χ^2/NDF : 700283.6/21

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: 2084.091+/-655.752 χ^2/NDF : 9.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

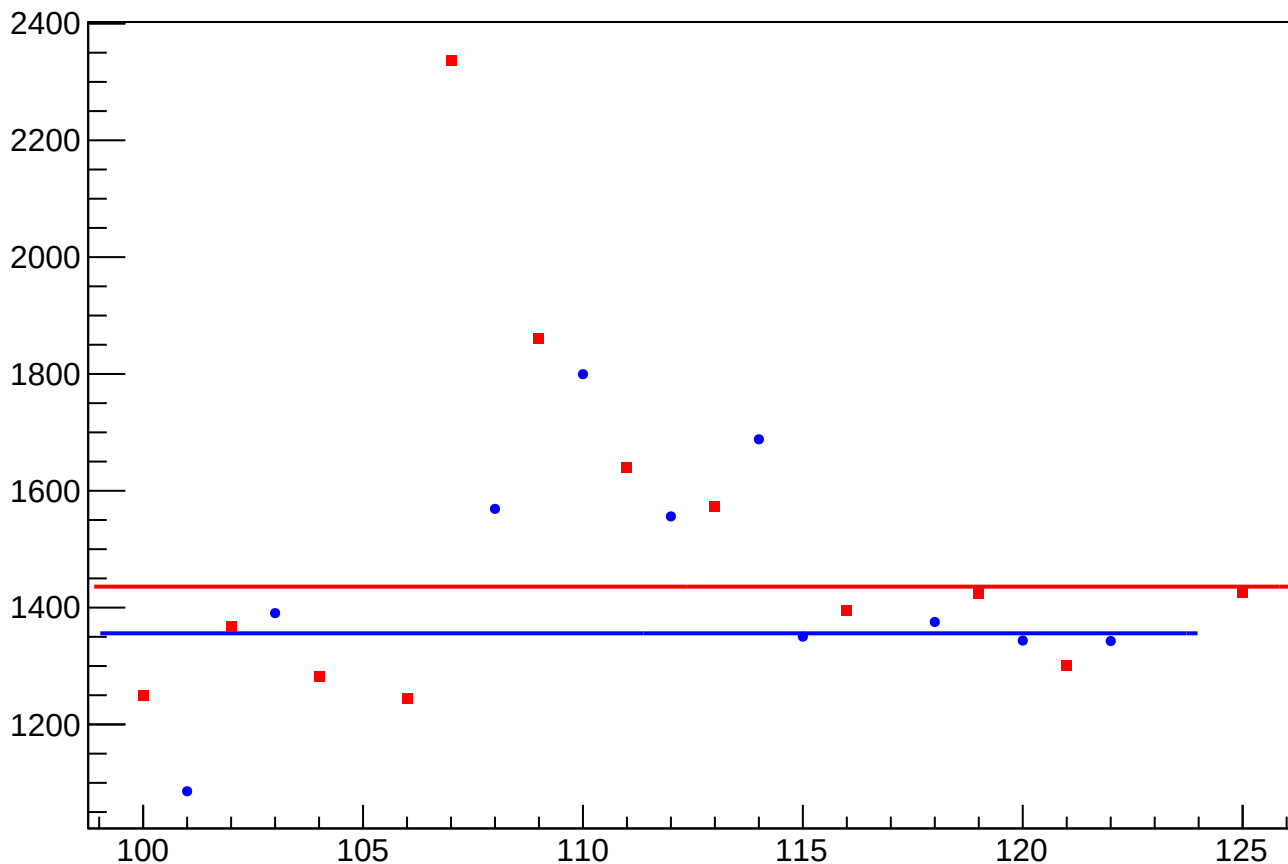
Right: 2235.561+/-471.205 χ^2/NDF : 17.0/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2235.561+/-471.205 χ^2/NDF : 17.0/21

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: 1435.920+/-0.464 χ^2/NDF : 195476.7/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

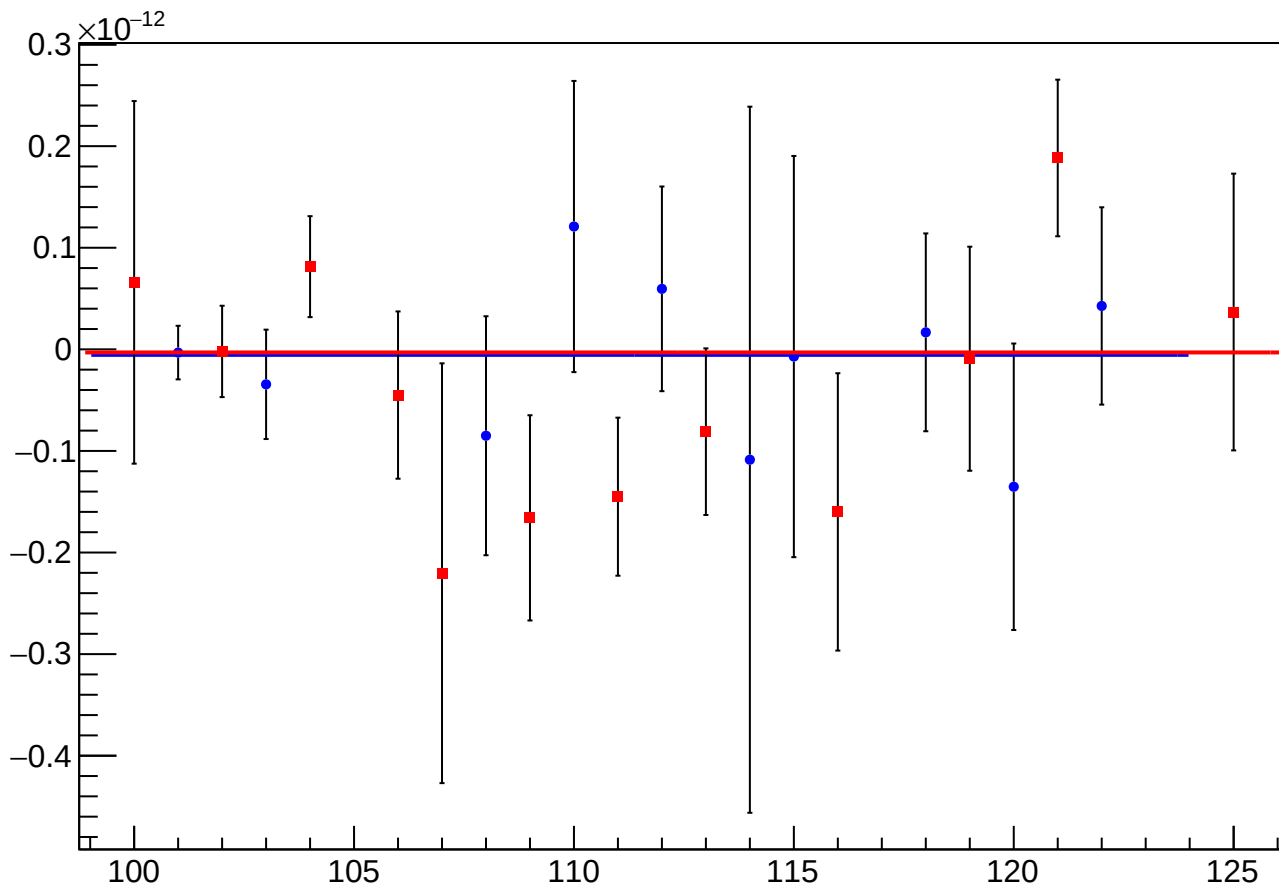
Right: 1397.261+/-0.333 χ^2/NDF : 378108.5/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1397.261+/-0.333 χ^2/NDF : 378108.5/21

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 : 18.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

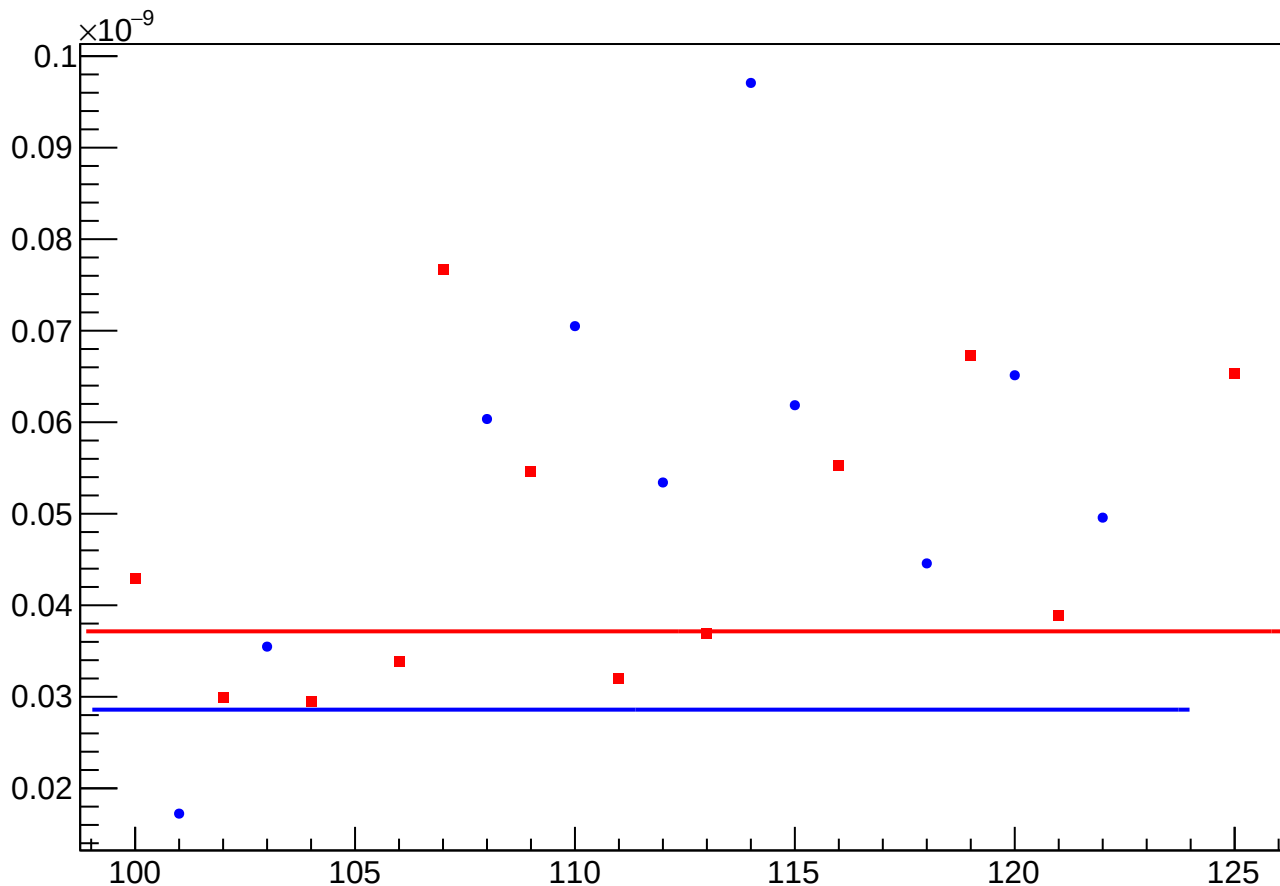
Right: -0.000+/-0.000 χ^2/NDF : 22.0/21

In: -0.000+/-0.000 χ^2/NDF : 3.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.0/21

asym_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 : 516853.1/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

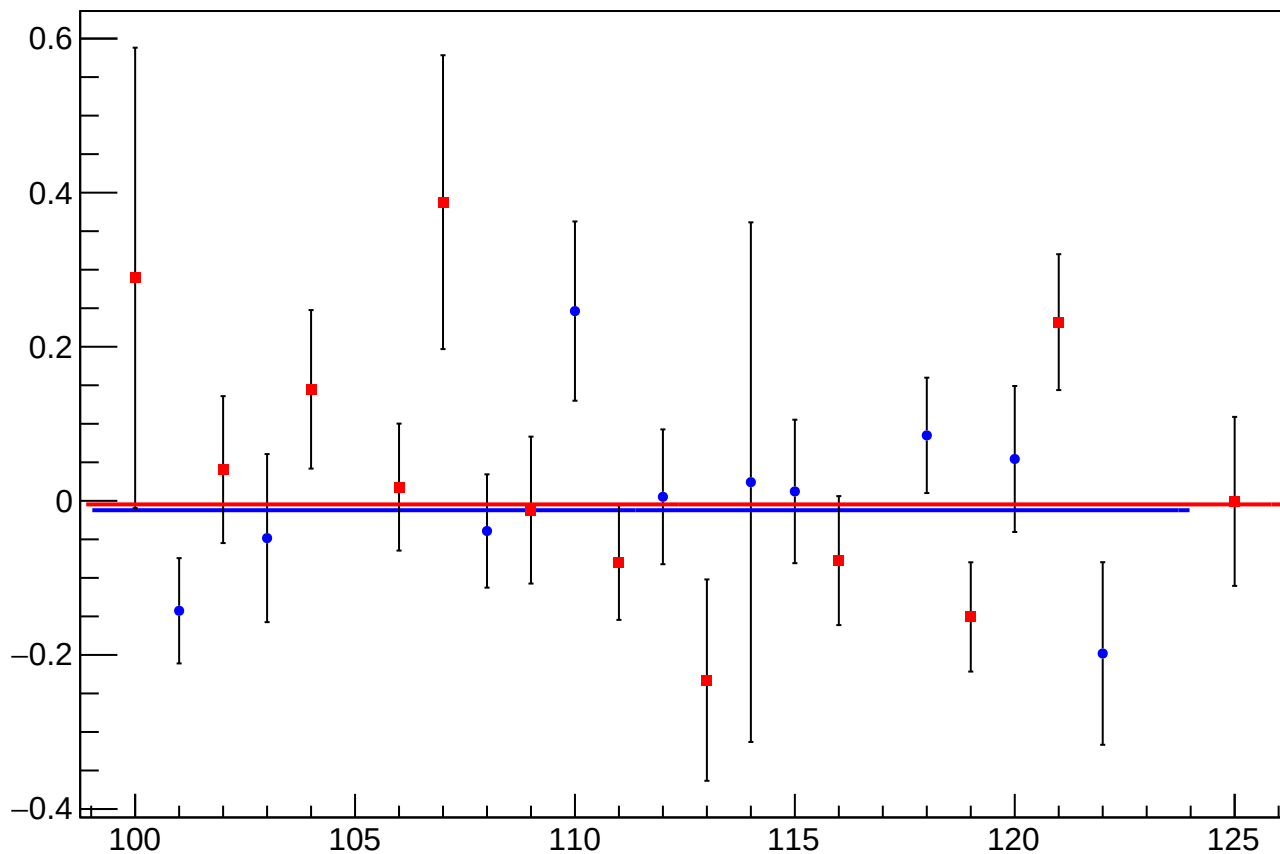
Right: 0.000+/-0.000 χ^2/NDF : 1925732.6/21

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 : 1925732.6/21

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 $\pm$ 0.028 χ^2 /NDF: 23.9/11

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

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

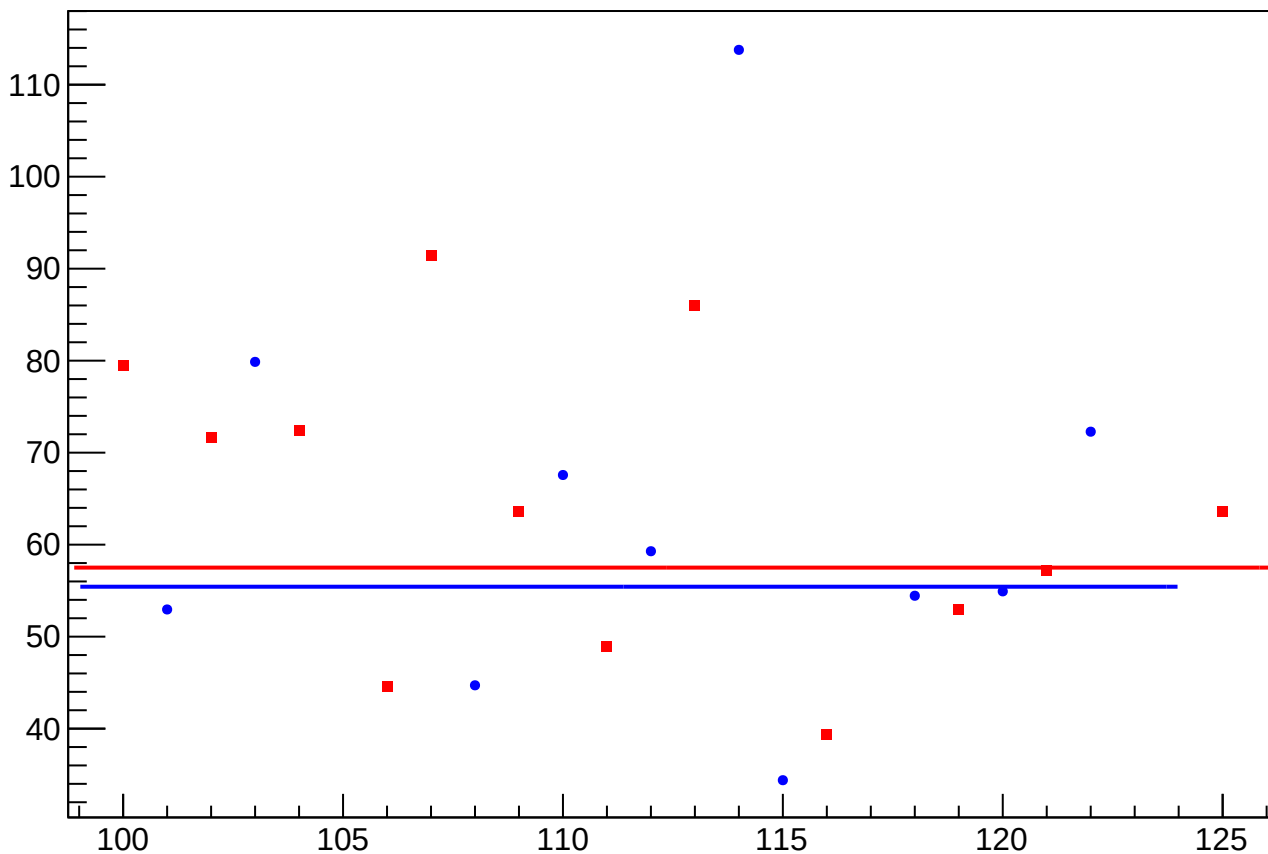
Right: -0.008 $\pm$ 0.020 χ^2 /NDF: 37.5/21

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: 37.5/21

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: 57.505+/-0.020 χ^2/NDF : 447321.5/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

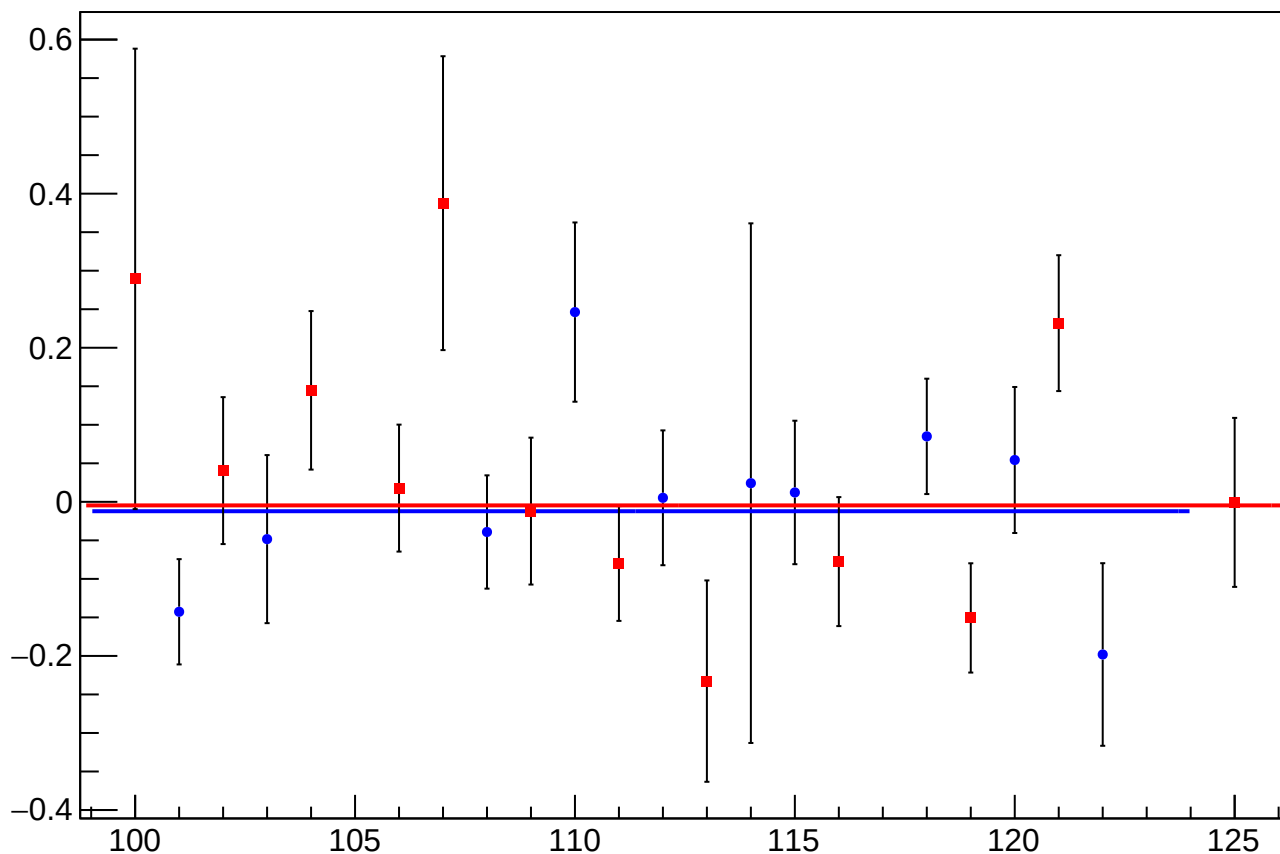
Right: 56.517+/-0.014 χ^2/NDF : 826591.3/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.517+/-0.014 χ^2/NDF : 826591.3/21

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 $\pm$ 0.028 χ^2 /NDF: 23.9/11

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

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

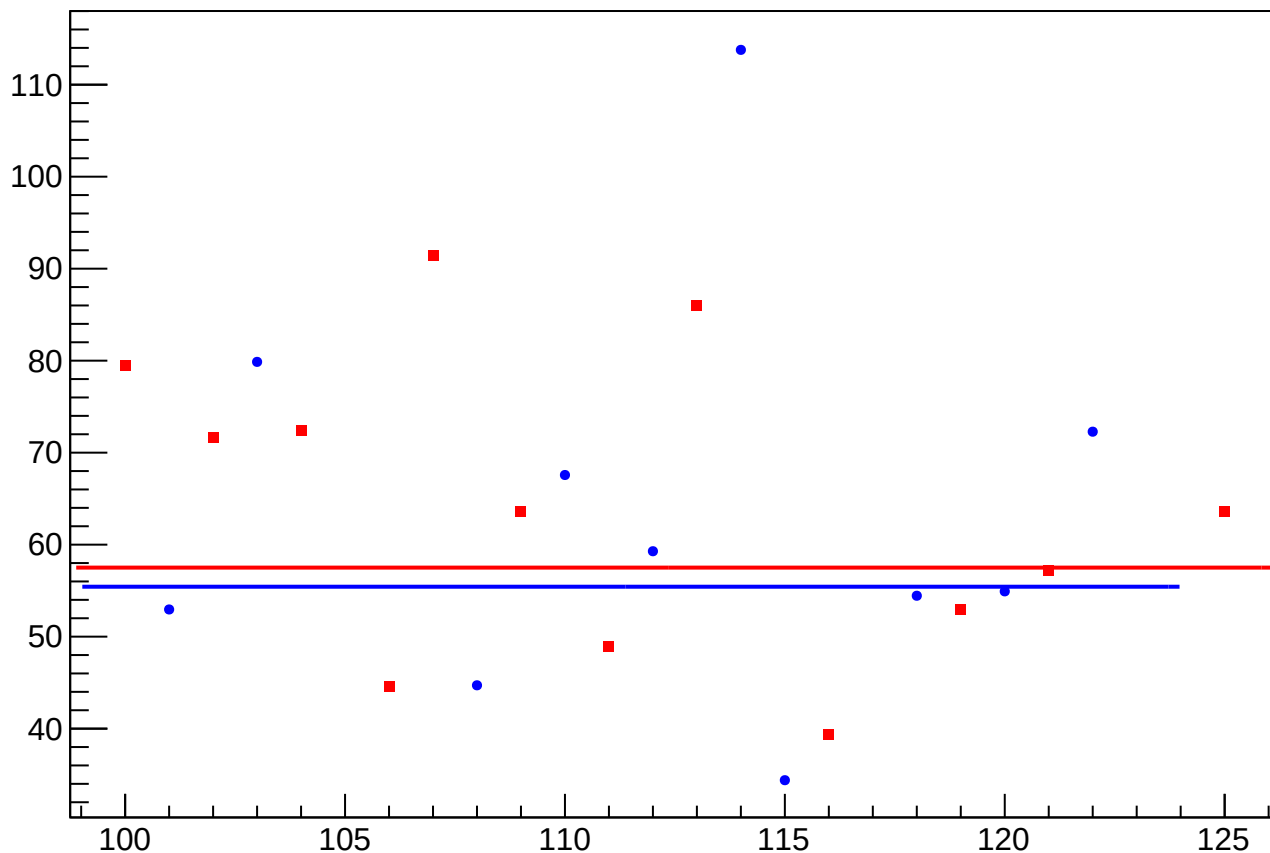
Right: -0.008 $\pm$ 0.020 χ^2 /NDF: 37.5/21

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: 37.5/21

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: 57.505+/-0.020 χ^2/NDF : 447321.5/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

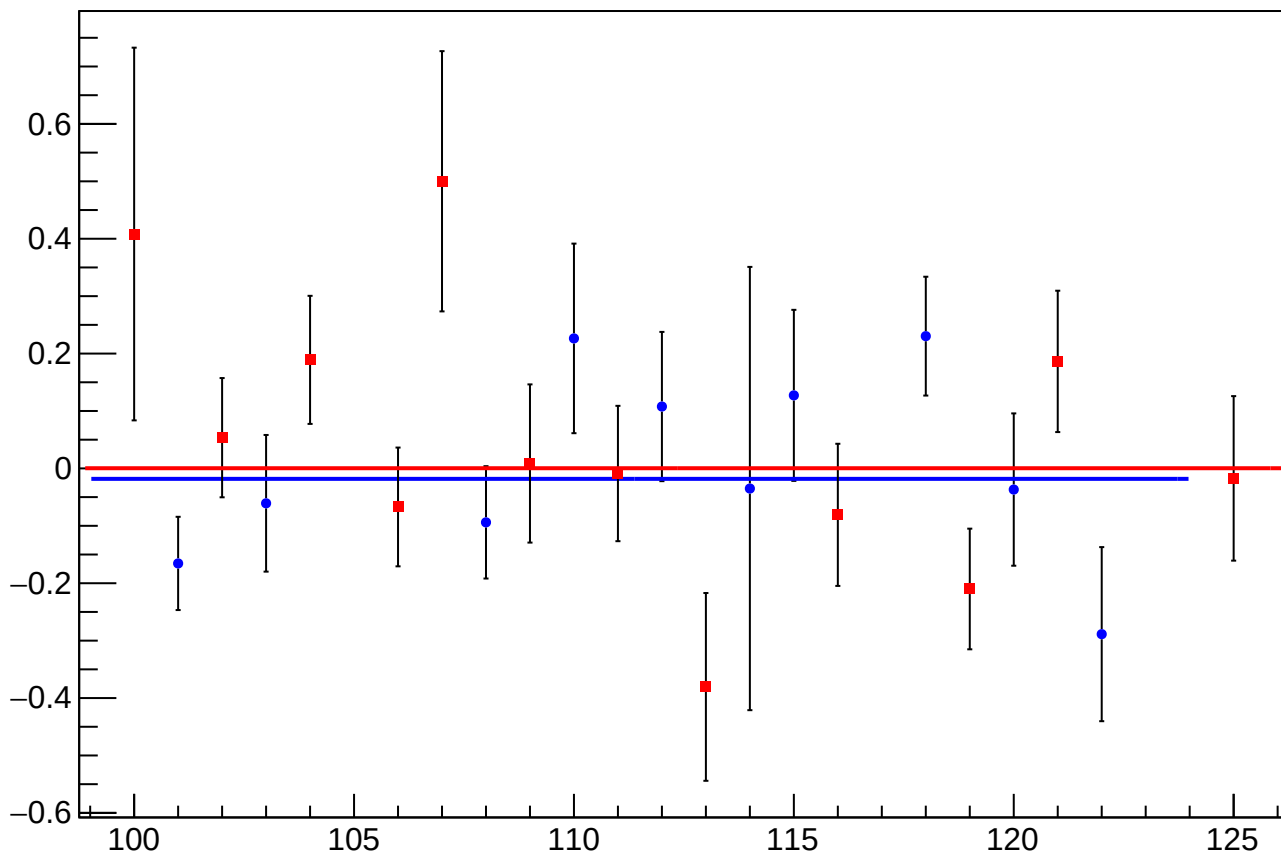
Right: 56.517+/-0.014 χ^2/NDF : 826591.3/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.517+/-0.014 χ^2/NDF : 826591.3/21

asym_us_avg_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018 $\pm$ 0.039 χ^2 /NDF: 17.1/9

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

Right Out: 0.000 $\pm$ 0.037 χ^2 /NDF: 22.2/11

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

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

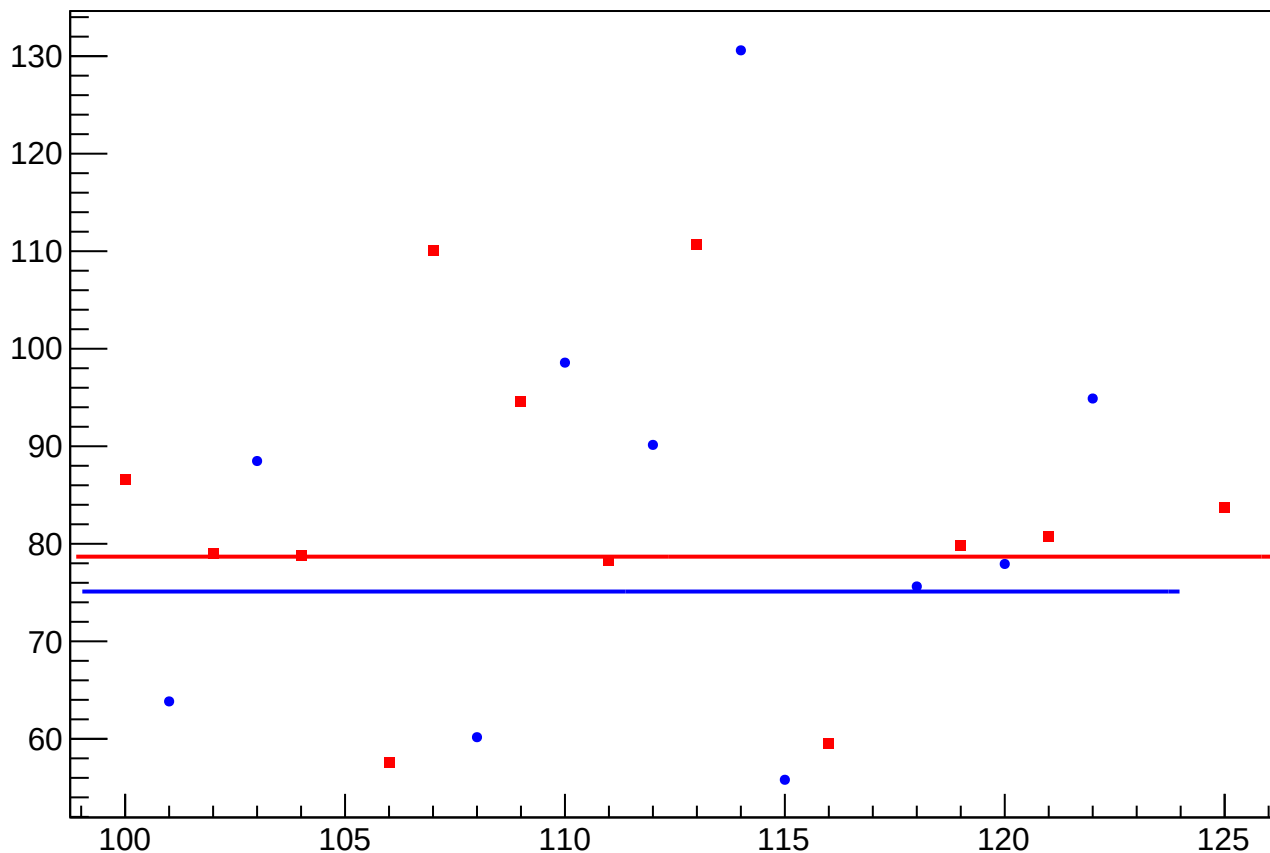
Right: -0.009 $\pm$ 0.027 χ^2 /NDF: 39.4/21

In: -0.018 $\pm$ 0.039 χ^2 /NDF:17.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.027 χ^2 /NDF: 39.4/21

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: 78.682+/-0.026 χ^2/NDF : 277188.1/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

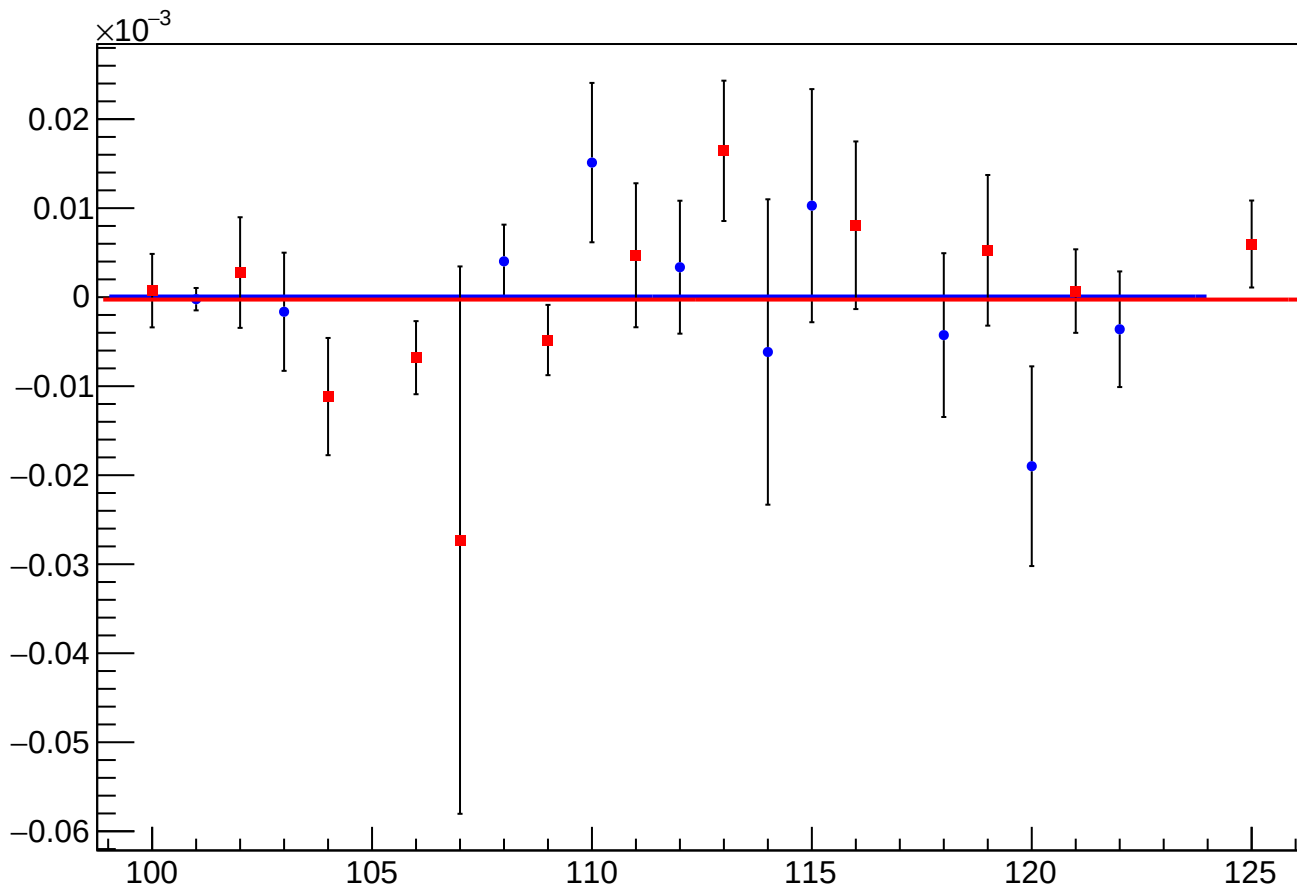
Right: 76.970+/-0.019 χ^2/NDF : 573620.1/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.970+/-0.019 χ^2/NDF : 573620.1/21

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 : 15.4/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

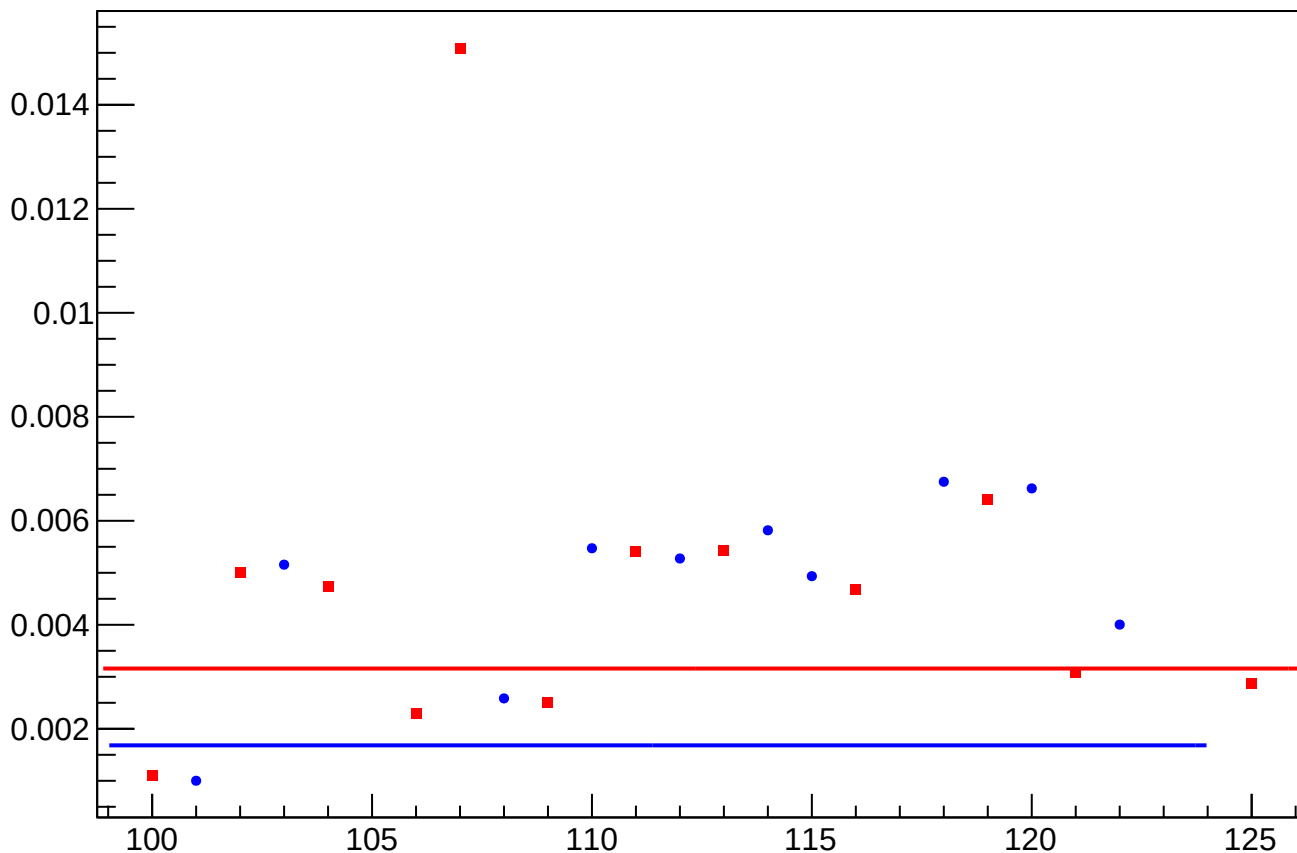
Right: -0.000+/-0.000 χ^2/NDF : 23.7/21

In: 0.000+/-0.000 χ^2/NDF : 8.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.7/21

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 : 1903544.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

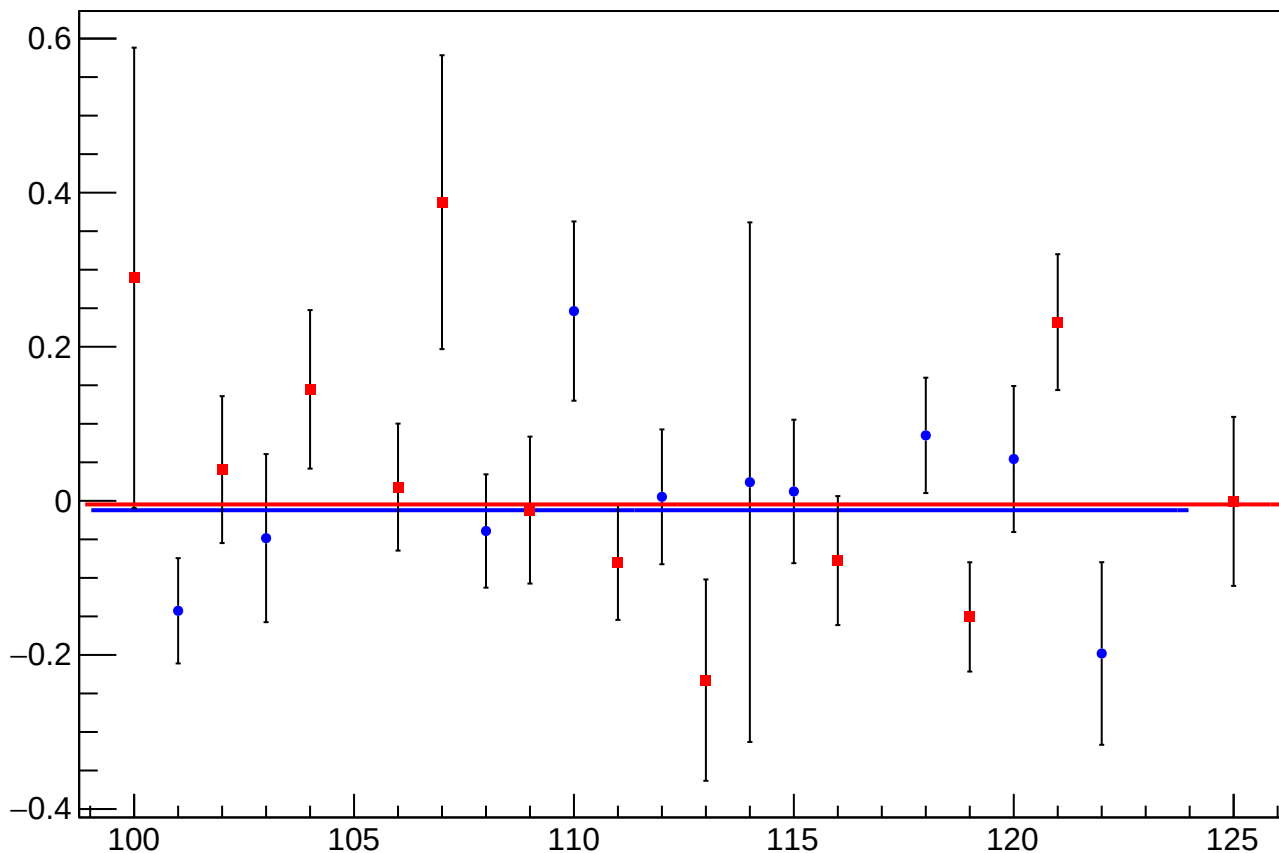
Right: 0.002+/-0.000 χ^2/NDF : 6562677.7/21

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 : 6562677.7/21

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+/-0.028 χ^2/NDF : 23.9/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

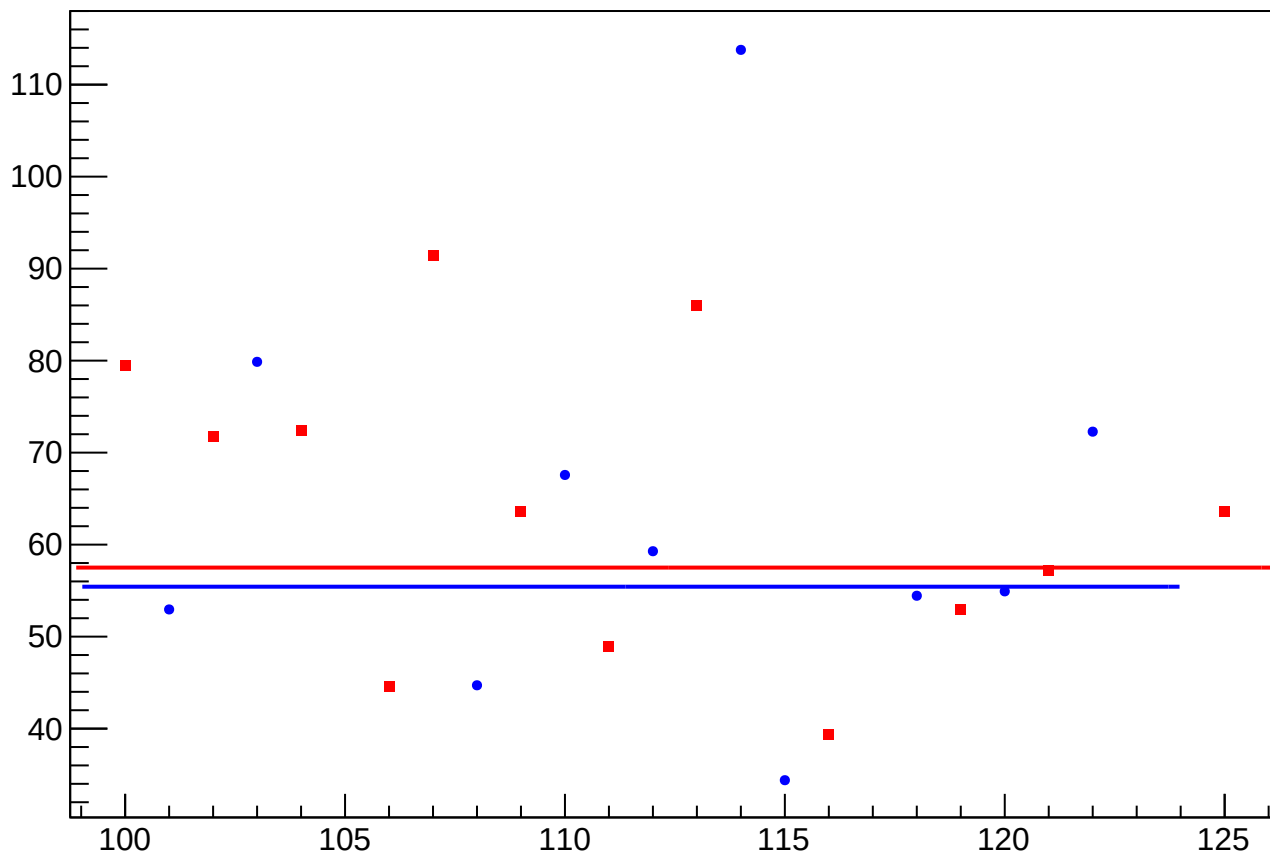
Right: -0.008+/-0.020 χ^2/NDF : 37.5/21

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 : 37.5/21

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: 57.504+/-0.020 χ^2/NDF : 447328.4/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

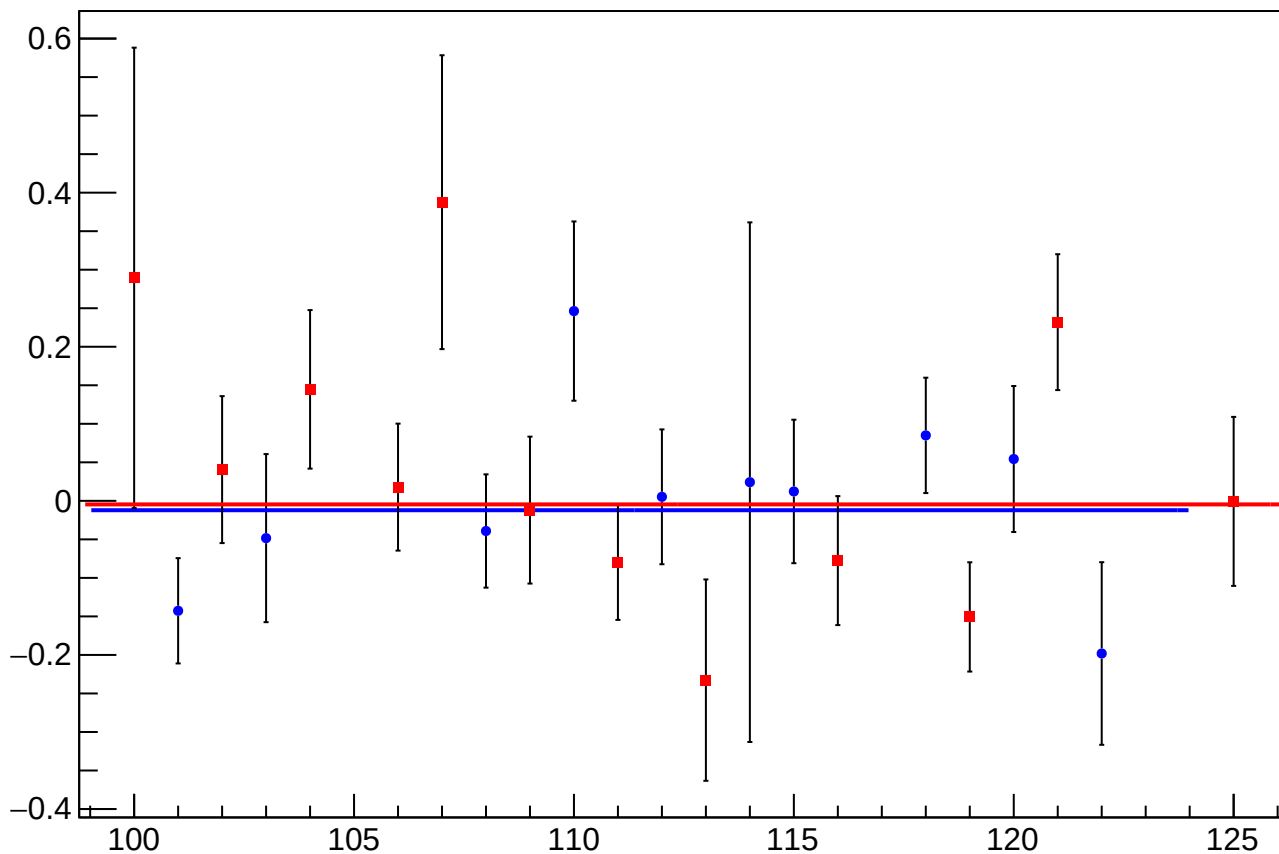
Right: 56.516+/-0.014 χ^2/NDF : 826626.3/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.516+/-0.014 χ^2/NDF : 826626.3/21

asym_us_avg_eigen_dit_vs_eigen_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+/-0.028 χ^2/NDF : 23.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

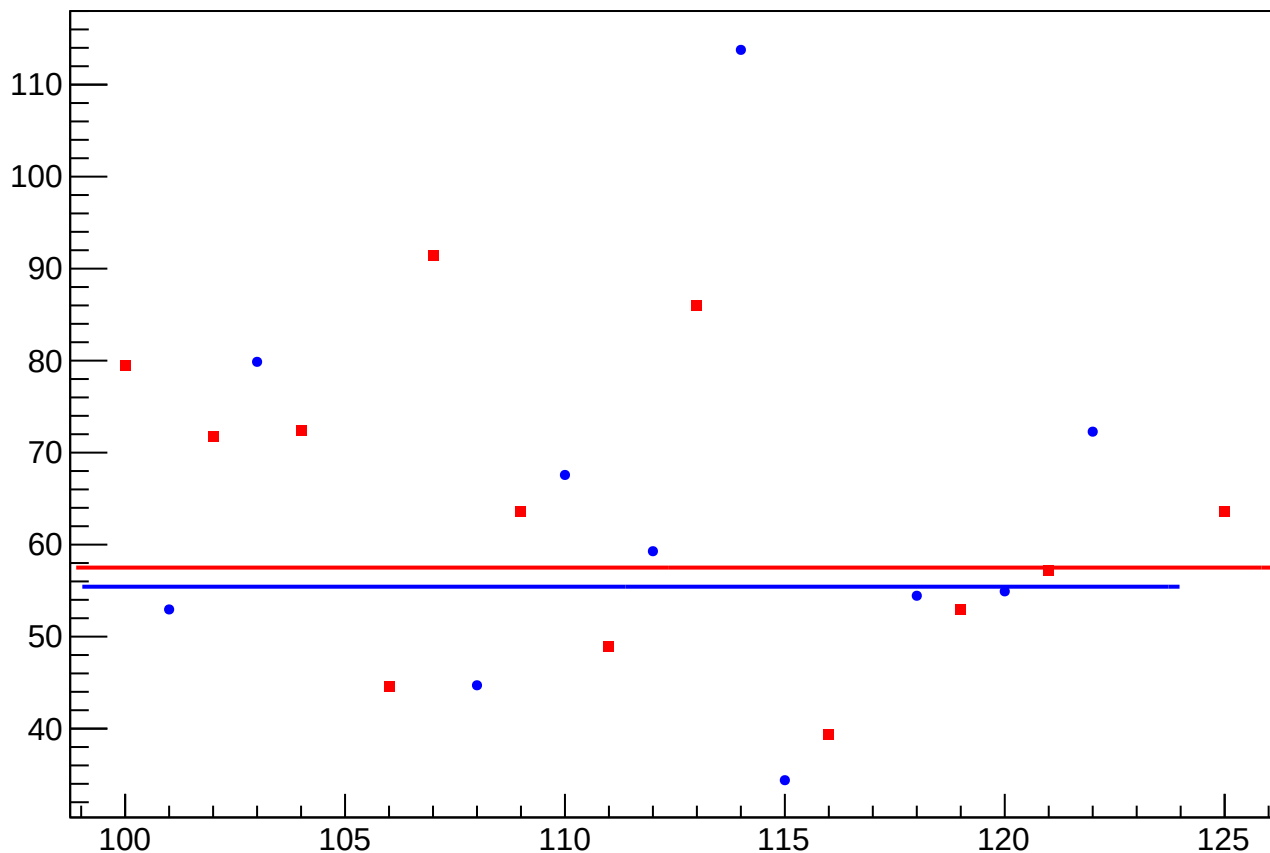
Right: -0.008+/-0.020 χ^2/NDF : 37.5/21

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 : 37.5/21

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: 57.504+/-0.020 χ^2/NDF : 447328.4/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

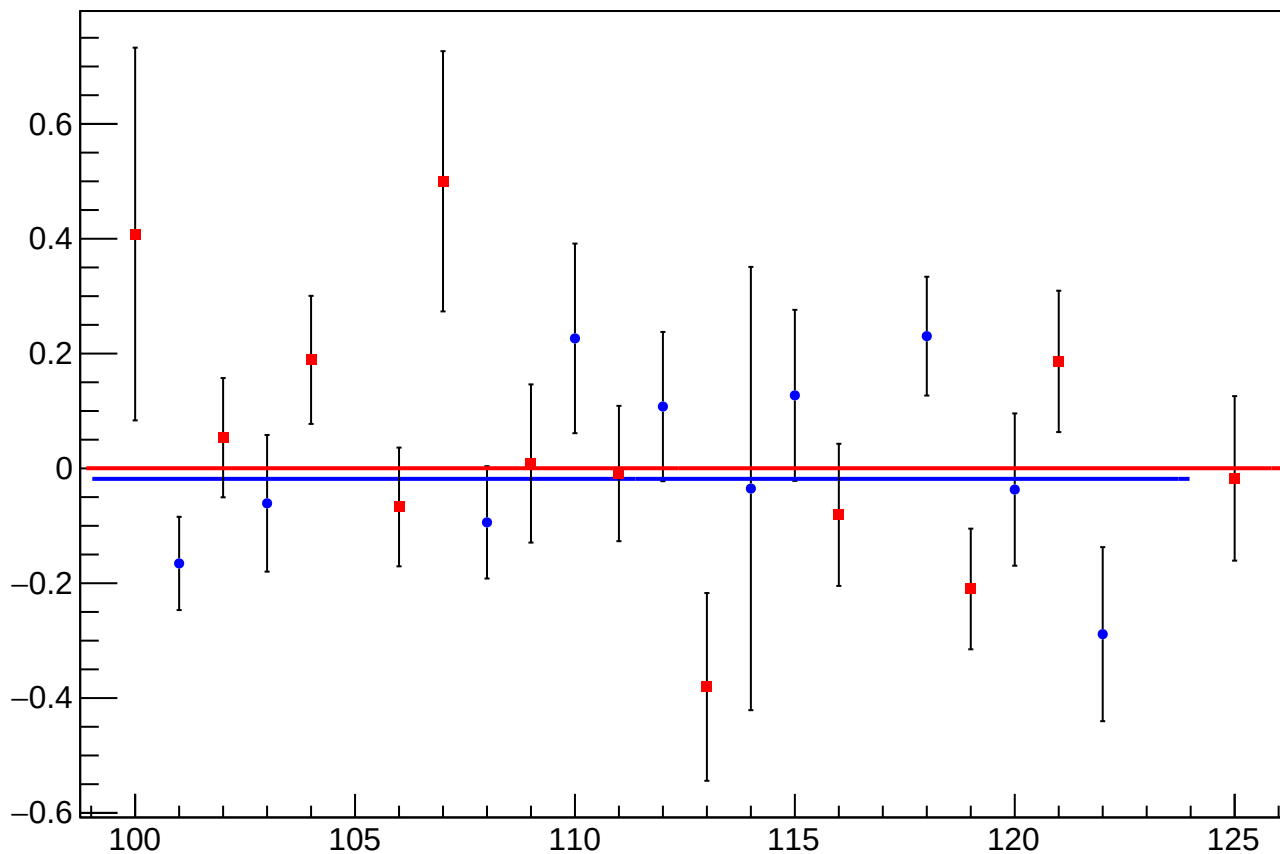
Right: 56.516+/-0.014 χ^2/NDF : 826626.3/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.516+/-0.014 χ^2/NDF : 826626.3/21

asym_us_avg_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018 $\pm$ 0.039 χ^2 /NDF: 17.1/9

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

Right Out: 0.000 $\pm$ 0.037 χ^2 /NDF: 22.2/11

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

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

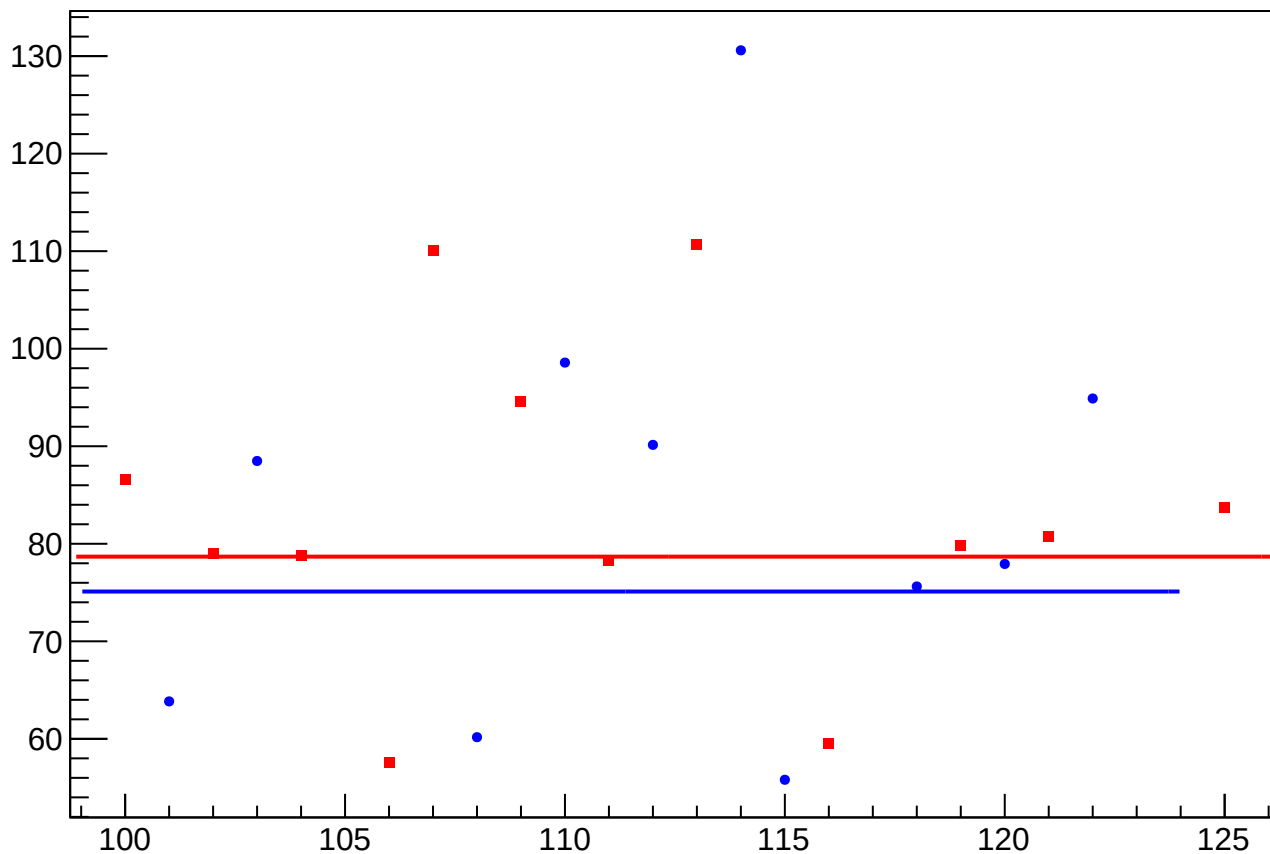
Right: -0.009 $\pm$ 0.027 χ^2 /NDF: 39.4/21

In: -0.018 $\pm$ 0.039 χ^2 /NDF:17.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.027 χ^2 /NDF: 39.4/21

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: 78.681+/-0.026 χ^2/NDF : 277180.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

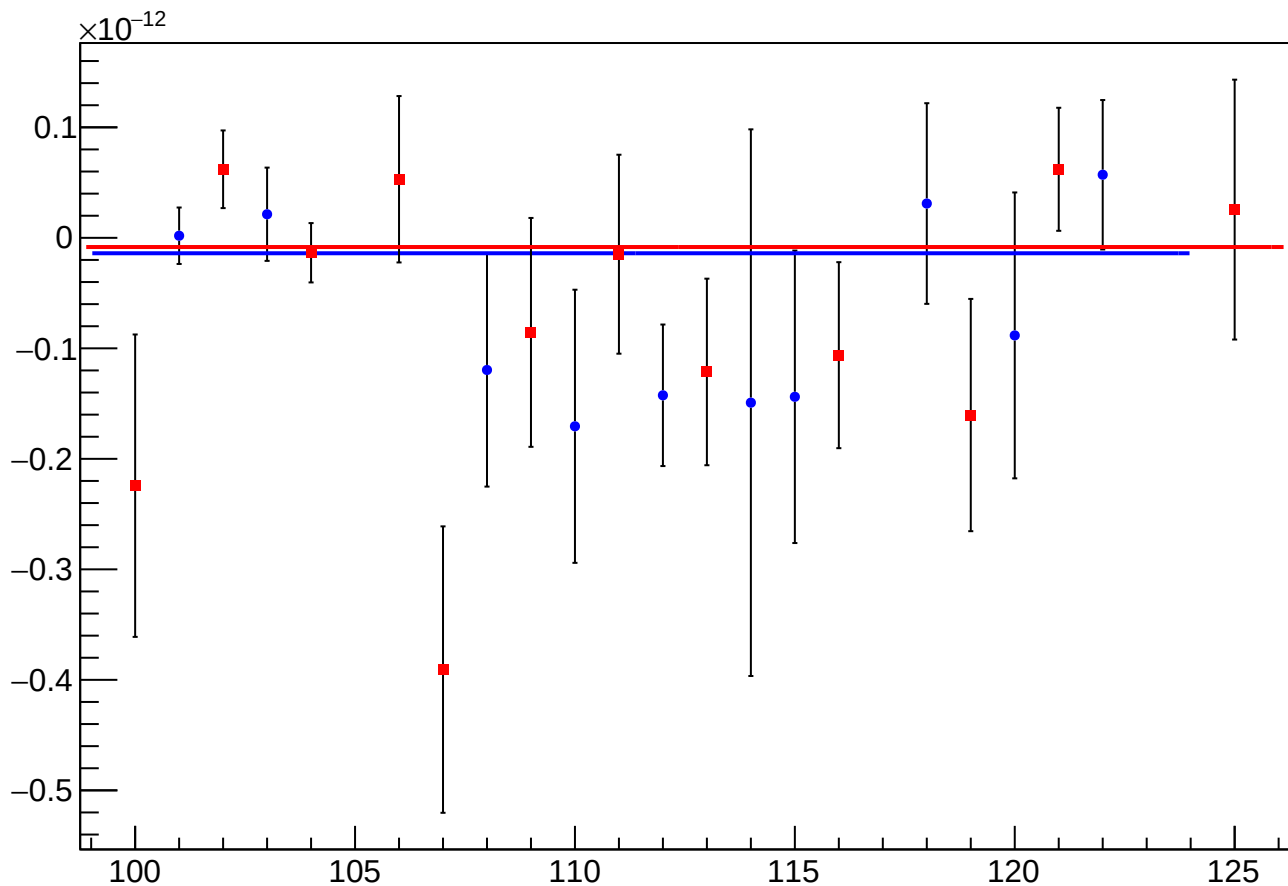
Right: 76.970+/-0.019 χ^2/NDF : 573612.0/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.970+/-0.019 χ^2/NDF : 573612.0/21

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 : 23.4/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

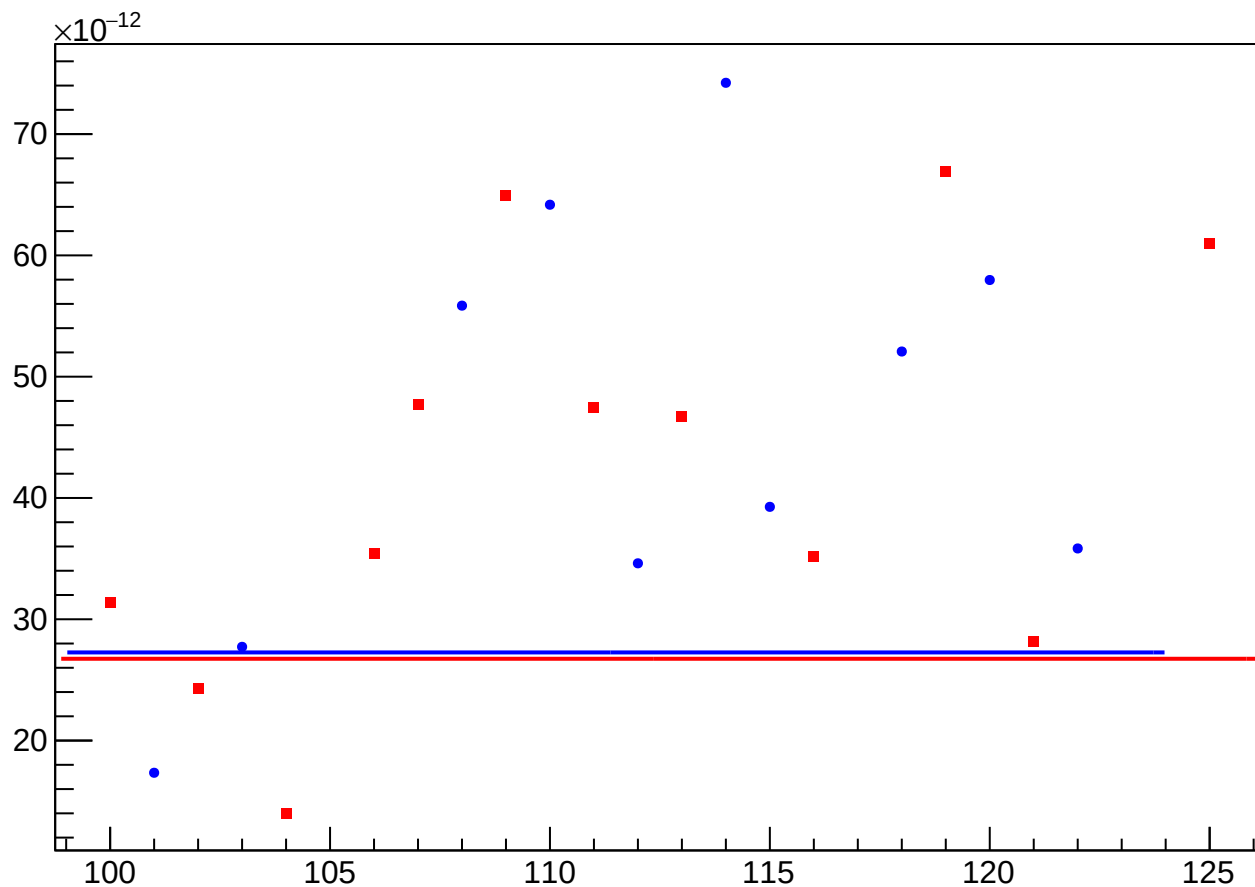
Right: -0.000+/-0.000 χ^2/NDF : 34.1/21

In: -0.000+/-0.000 χ^2/NDF : 10.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 34.1/21

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 : 1515457.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

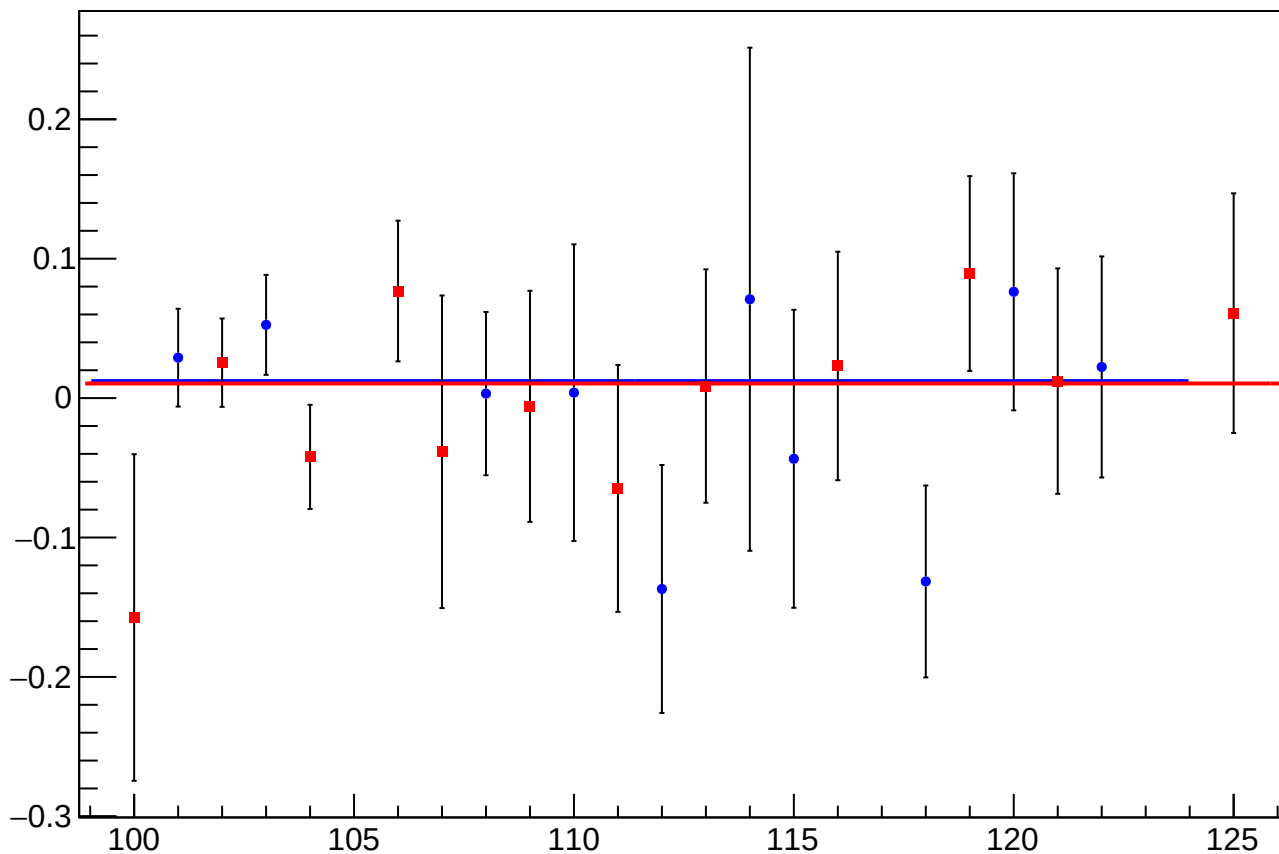
Right: 0.000+/-0.000 χ^2/NDF : 2552505.7/21

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 : 2552505.7/21

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: 0.010+/-0.017 χ^2/NDF : 8.6/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

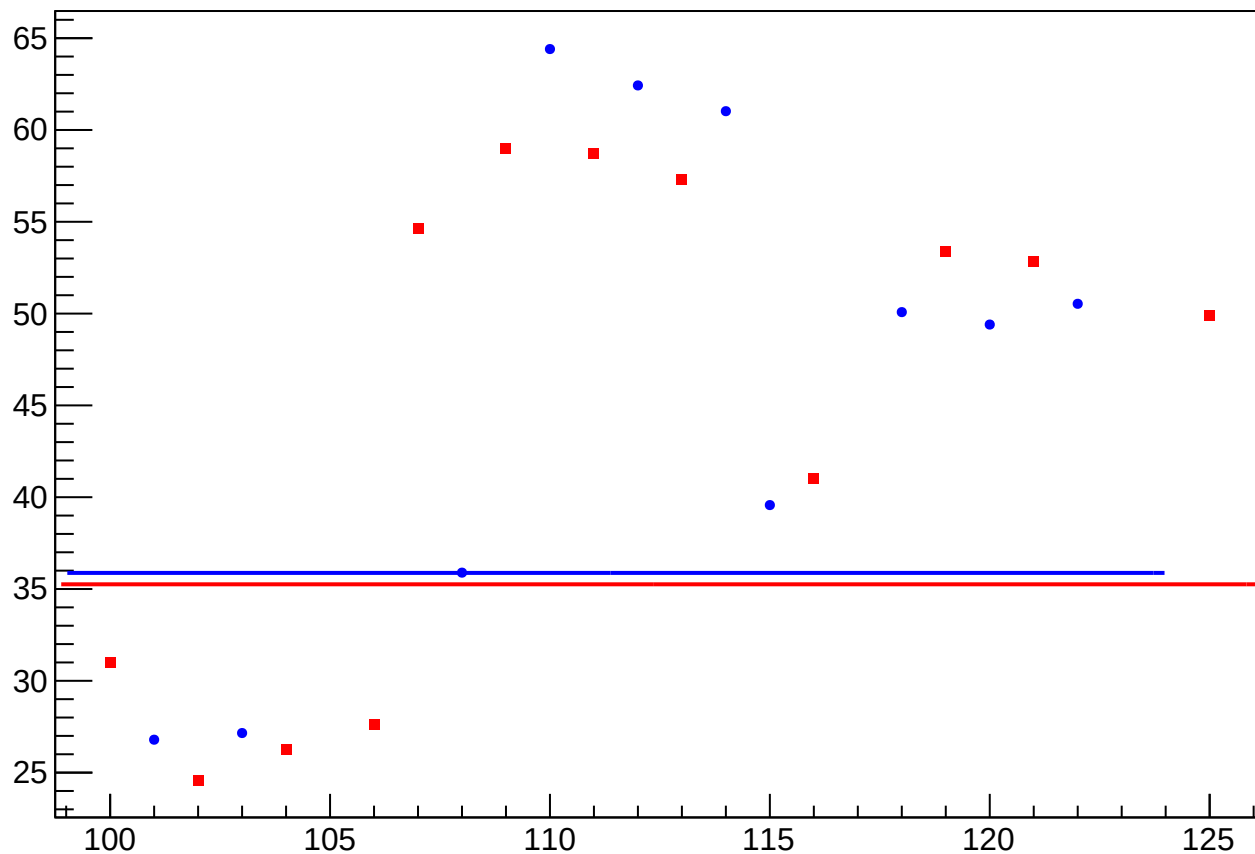
Right: 0.011+/-0.013 χ^2/NDF : 18.3/21

In: 0.012+/-0.019 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.013 χ^2/NDF : 18.3/21

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: 35.256+/-0.012 χ^2/NDF : 1191933.5/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

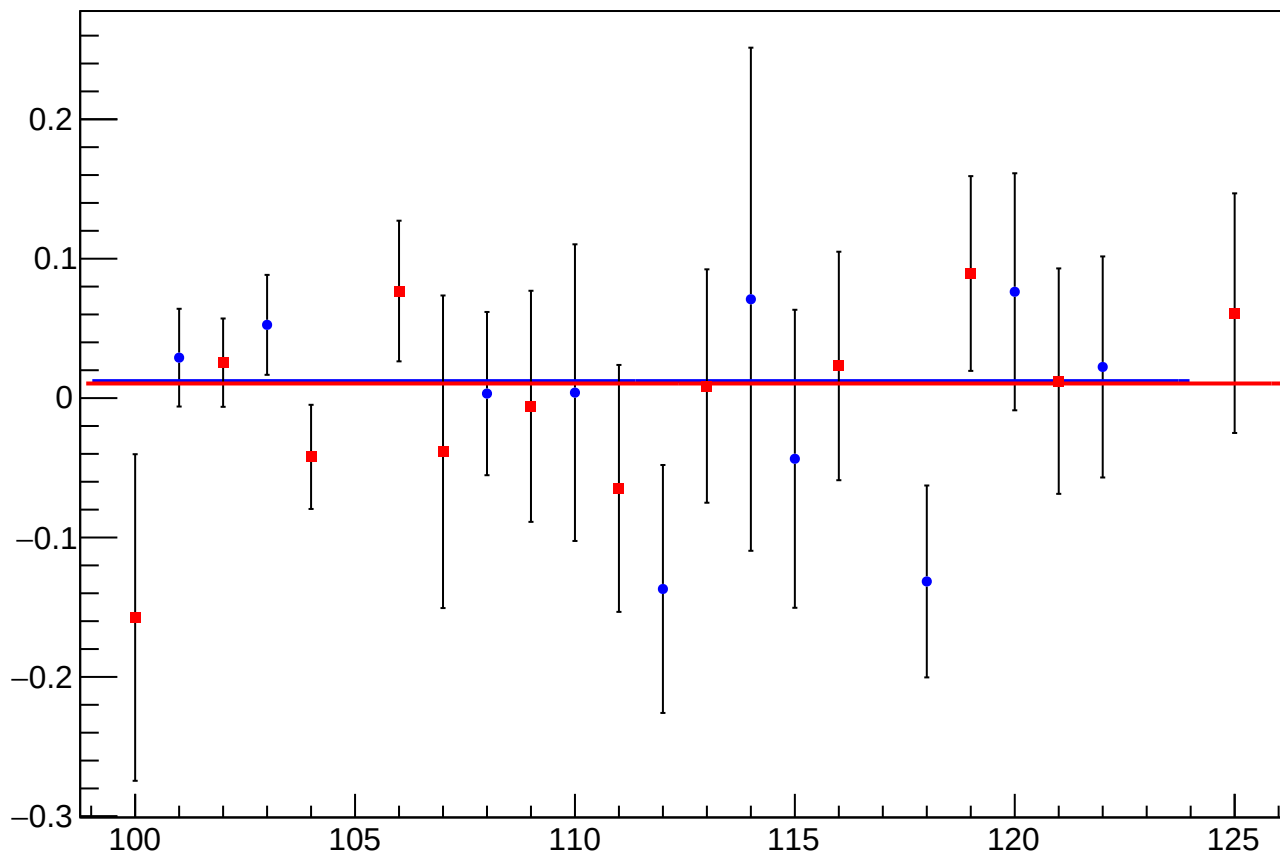
Right: 35.536+/-0.009 χ^2/NDF : 2013185.0/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.536+/-0.009 χ^2/NDF : 2013185.0/21

asym_us_avg_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.019 χ^2 /NDF: 9.7/9

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

Right Out: 0.010 $\pm$ 0.017 χ^2 /NDF: 8.6/11

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

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

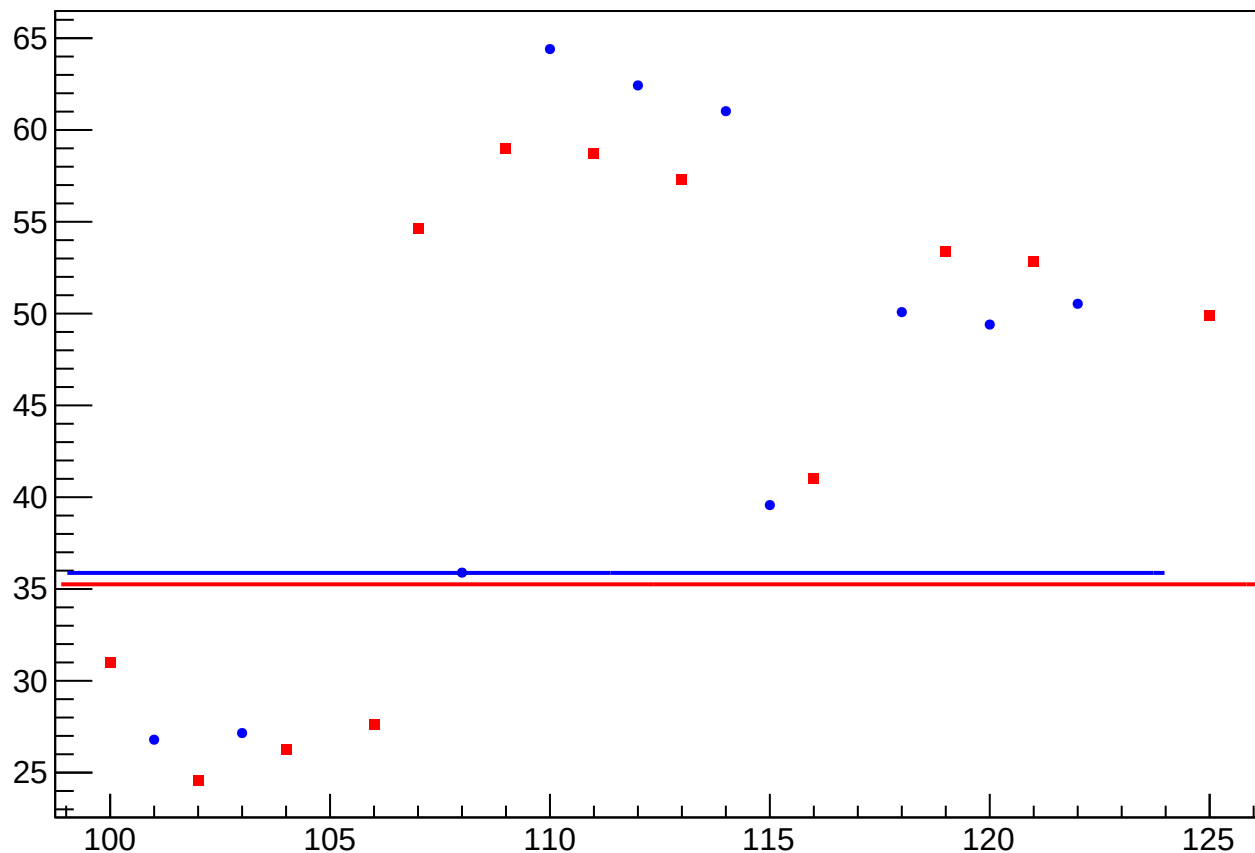
Right: 0.011 $\pm$ 0.013 χ^2 /NDF: 18.3/21

In: 0.012 $\pm$ 0.019 χ^2 /NDF:9.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.013 χ^2 /NDF: 18.3/21

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: 35.256+/-0.012 χ^2/NDF : 1191933.5/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

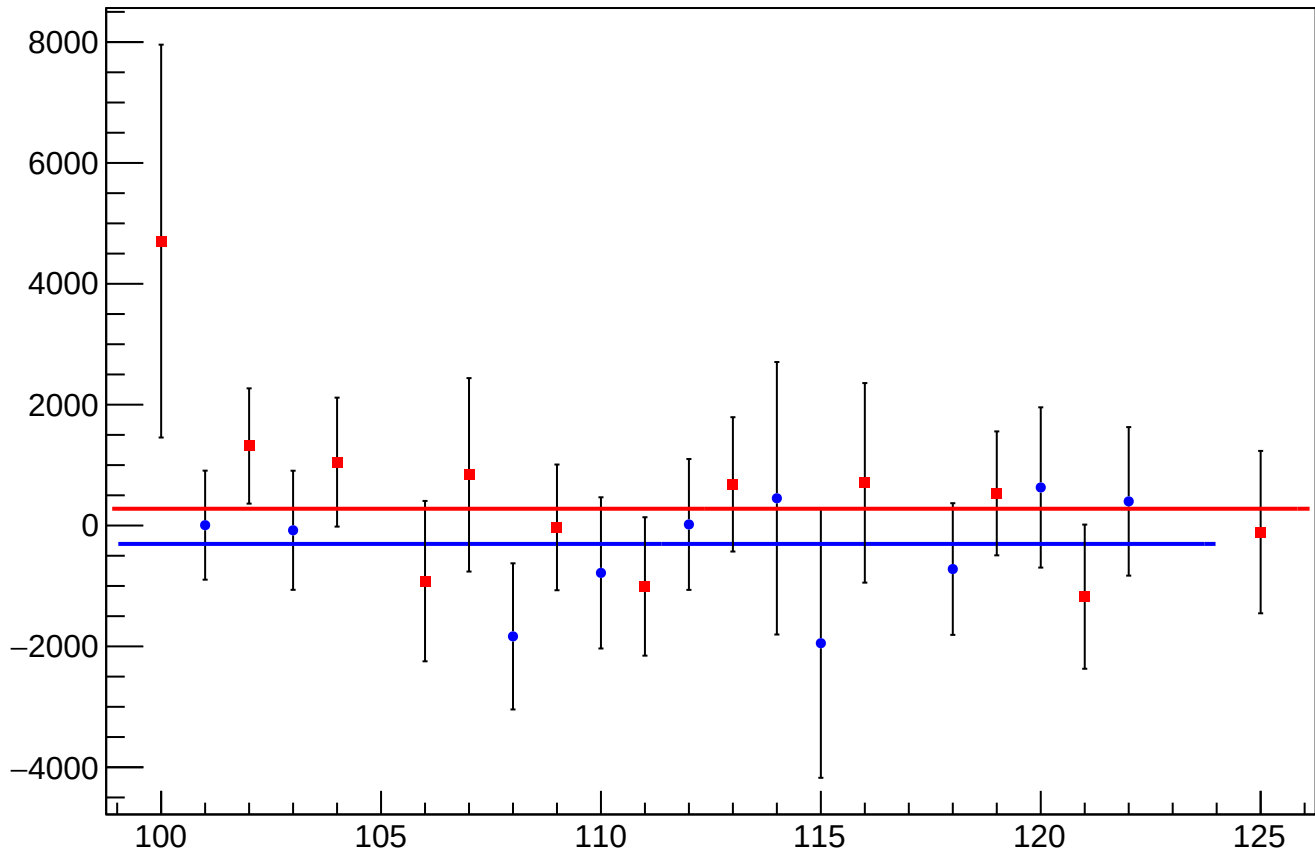
Right: 35.536+/-0.009 χ^2/NDF : 2013185.0/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.536+/-0.009 χ^2/NDF : 2013185.0/21

reg_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -304.214 $\pm$ 380.535 χ^2 /NDF: 3.6/9

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

Right Out: 277.851 $\pm$ 351.348 χ^2 /NDF: 7.7/11

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

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

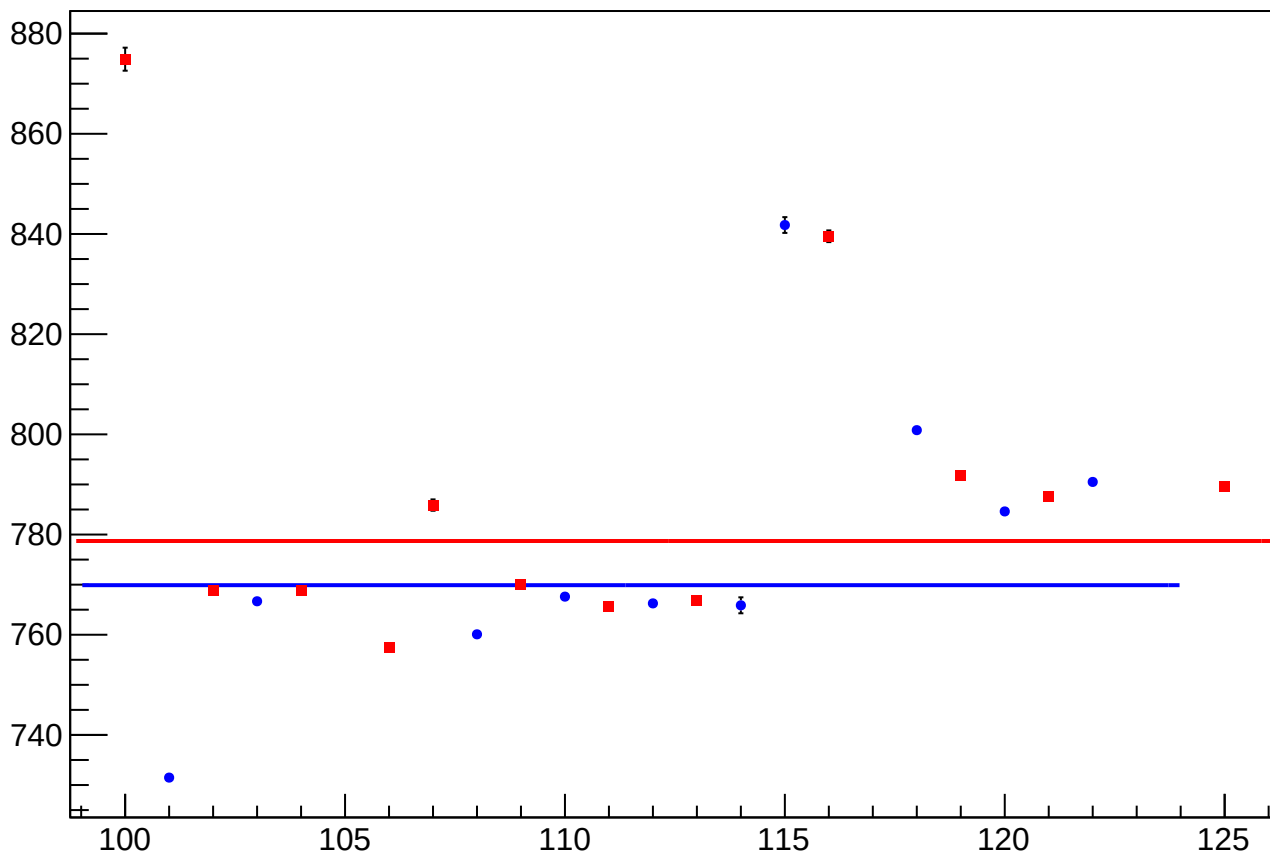
Right: 9.994 $\pm$ 258.143 χ^2 /NDF: 12.6/21

In: -304.214 $\pm$ 380.535 χ^2 /NDF:3.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 9.994 $\pm$ 258.143 χ^2 /NDF: 12.6/21

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: 778.713+/-0.248 χ^2/NDF : 6598.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

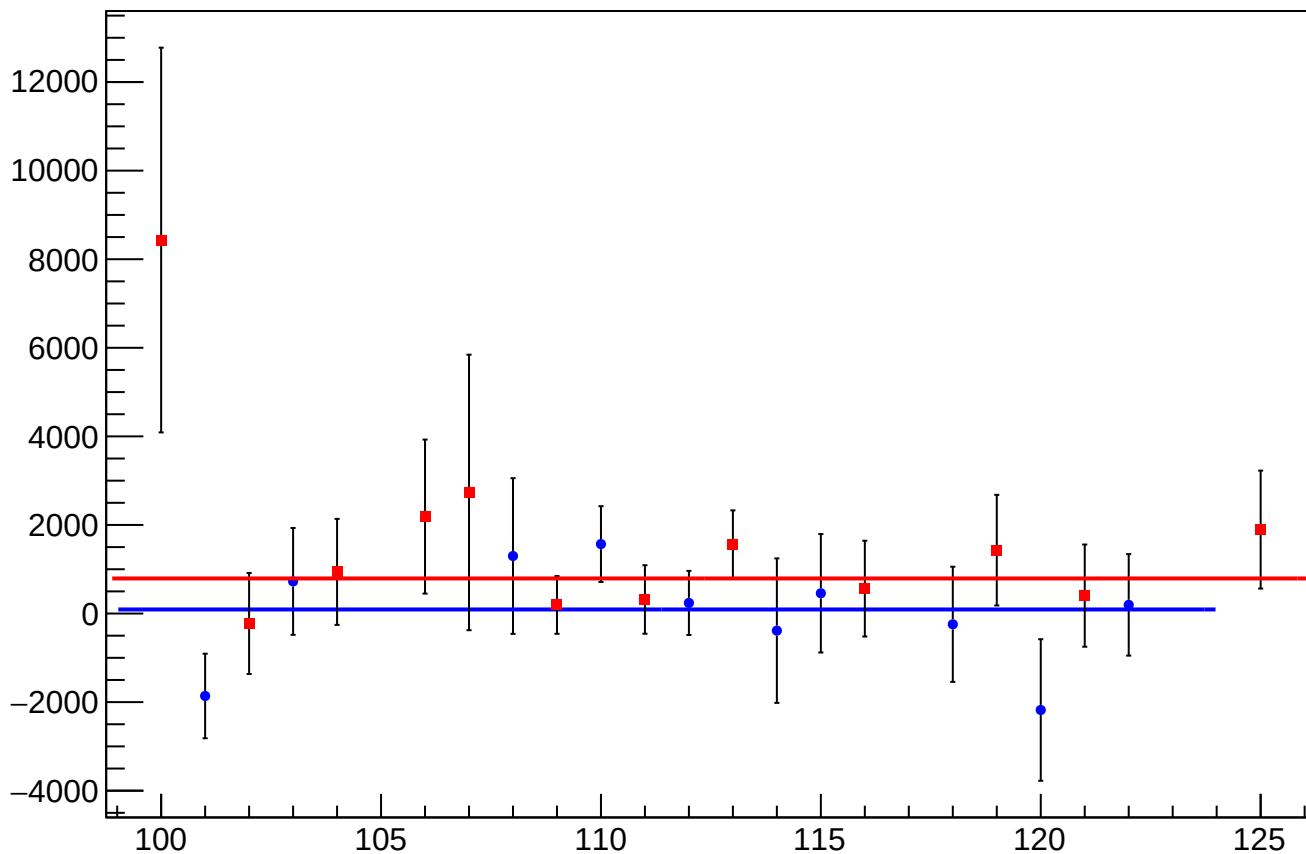
Right: 774.655+/-0.183 χ^2/NDF : 15499.4/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 774.655+/-0.183 χ^2/NDF : 15499.4/21

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: 791.927+/-309.244 χ^2/NDF : 8.2/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

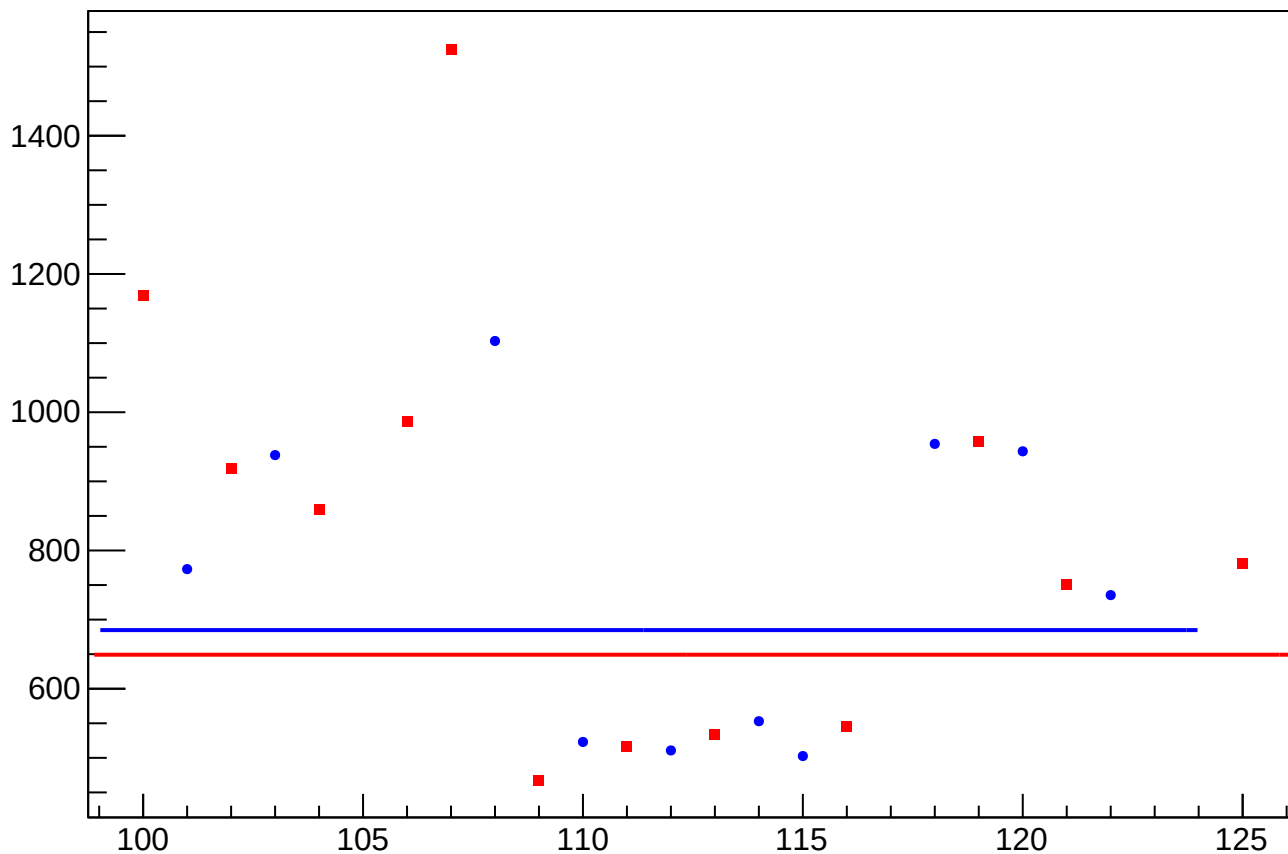
Right: 487.069+/-232.339 χ^2/NDF : 20.7/21

In: 91.952+/-352.059 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 487.069+/-232.339 χ^2/NDF : 20.7/21

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: 649.213+/-0.219 χ^2/NDF : 871251.5/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

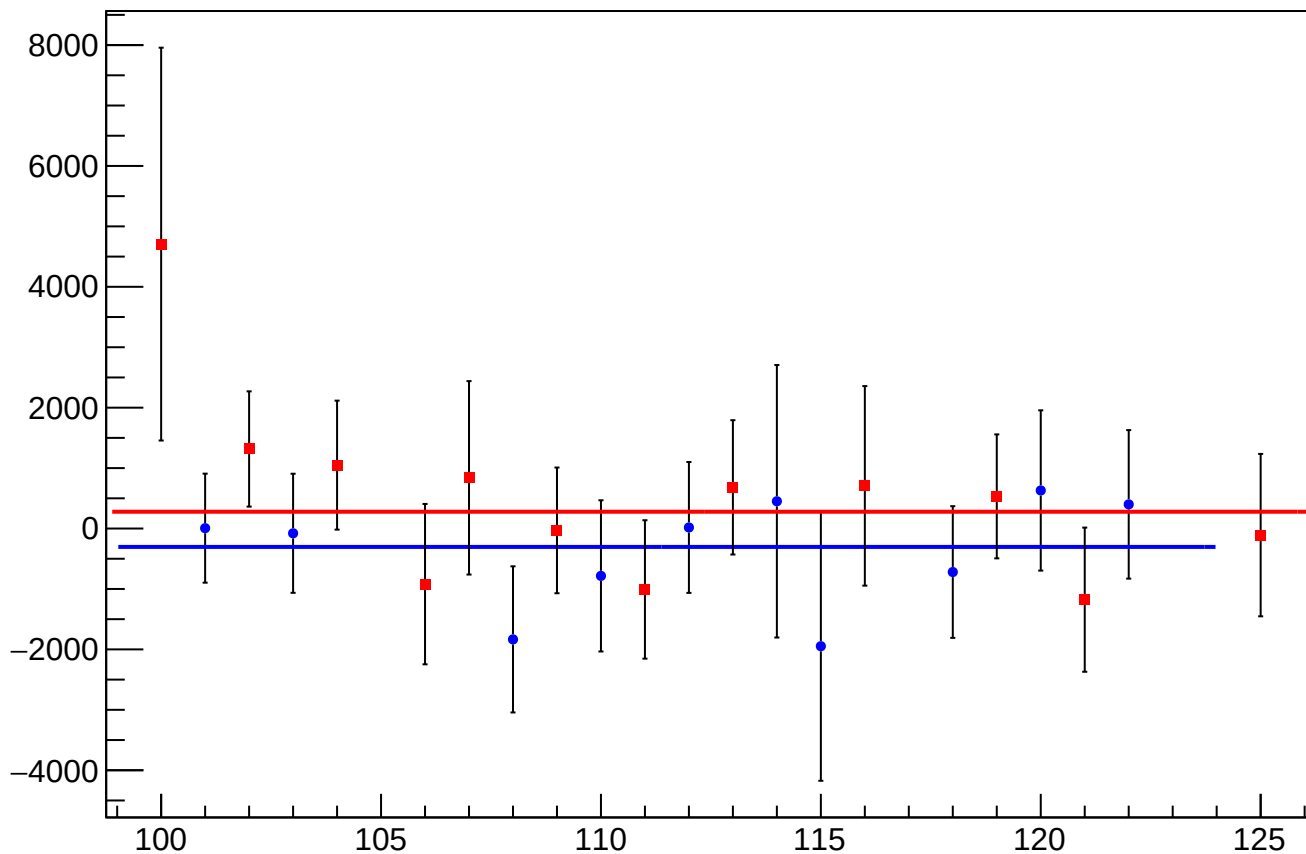
Right: 664.722+/-0.164 χ^2/NDF : 1481170.4/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 664.722+/-0.164 χ^2/NDF : 1481170.4/21

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: 277.851+/-351.348 χ^2/NDF : 7.7/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

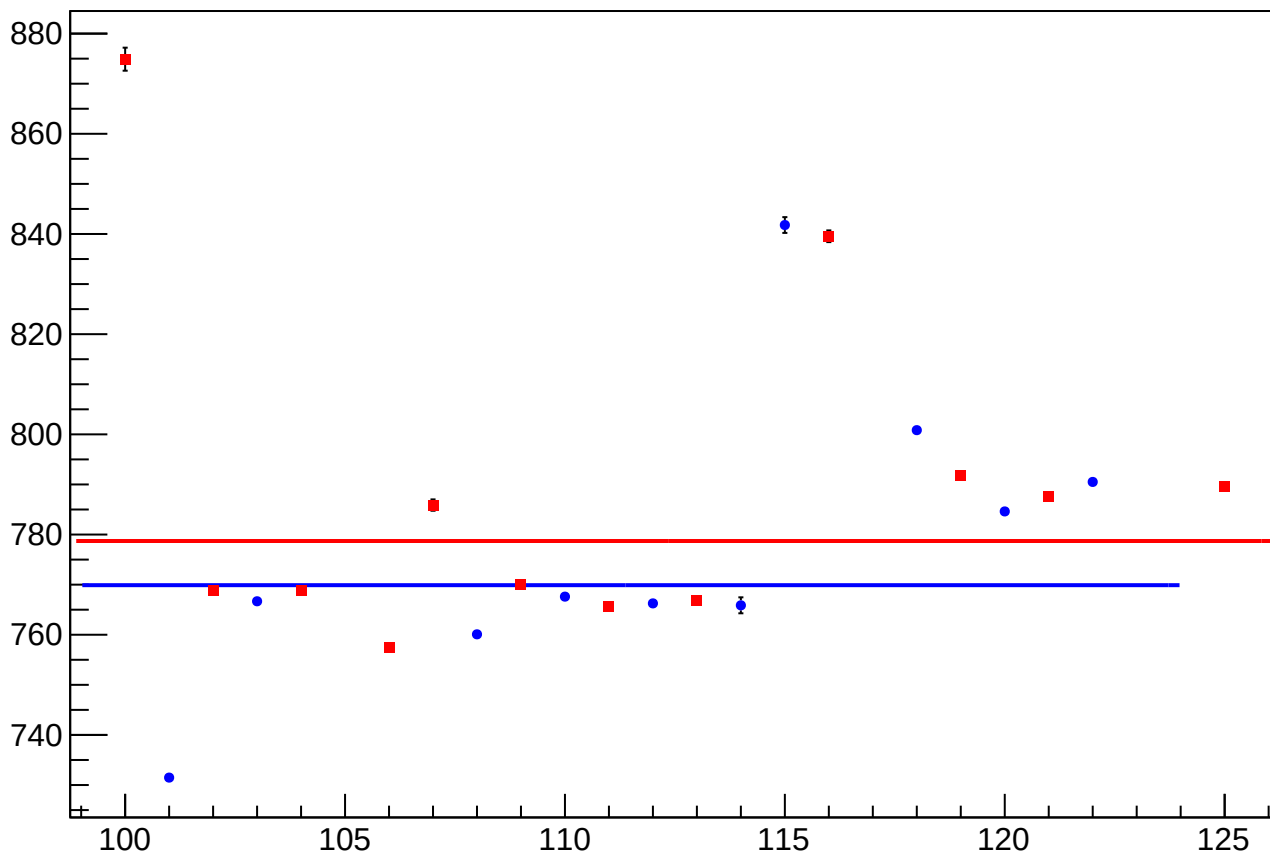
Right: 9.994+/-258.143 χ^2/NDF : 12.6/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.994+/-258.143 χ^2/NDF : 12.6/21

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: 778.713 $\pm$ 0.248 χ^2 /NDF: 6598.8/11

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

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

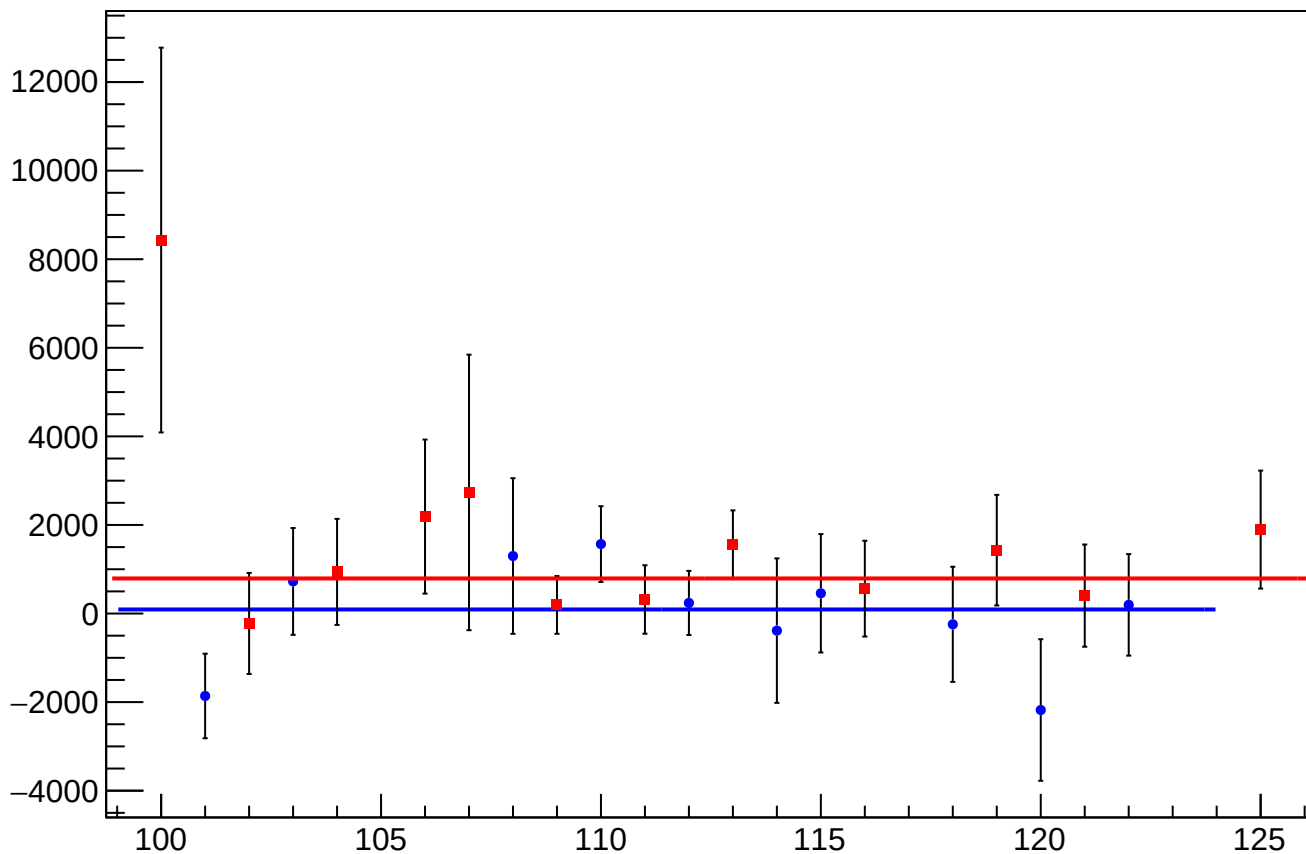
Right: 774.655 $\pm$ 0.183 χ^2 /NDF: 15499.4/21

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: 774.655 $\pm$ 0.183 χ^2 /NDF: 15499.4/21

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: 791.927+/-309.244 χ^2/NDF : 8.2/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

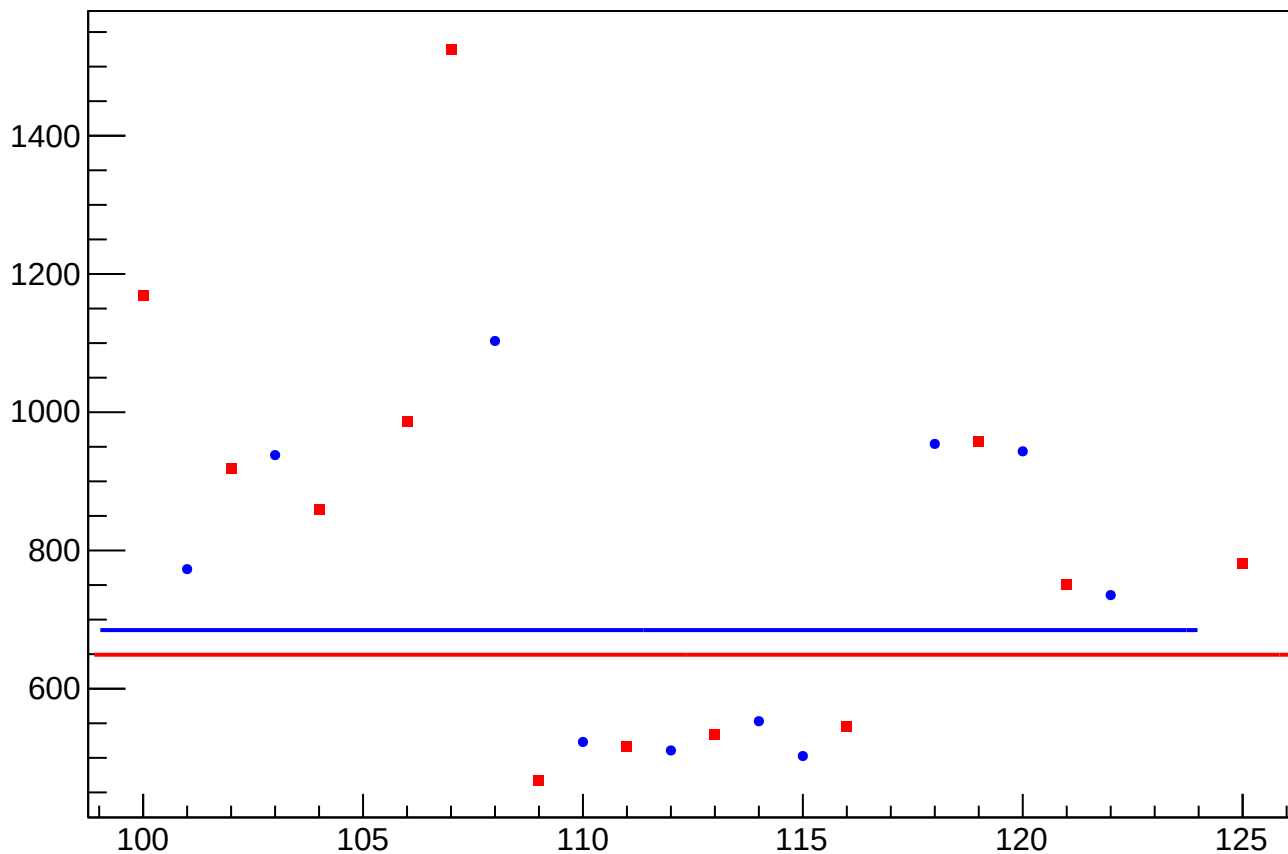
Right: 487.069+/-232.339 χ^2/NDF : 20.7/21

In: 91.952+/-352.059 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 487.069+/-232.339 χ^2/NDF : 20.7/21

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: 649.213+/-0.219 χ^2/NDF : 871251.5/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

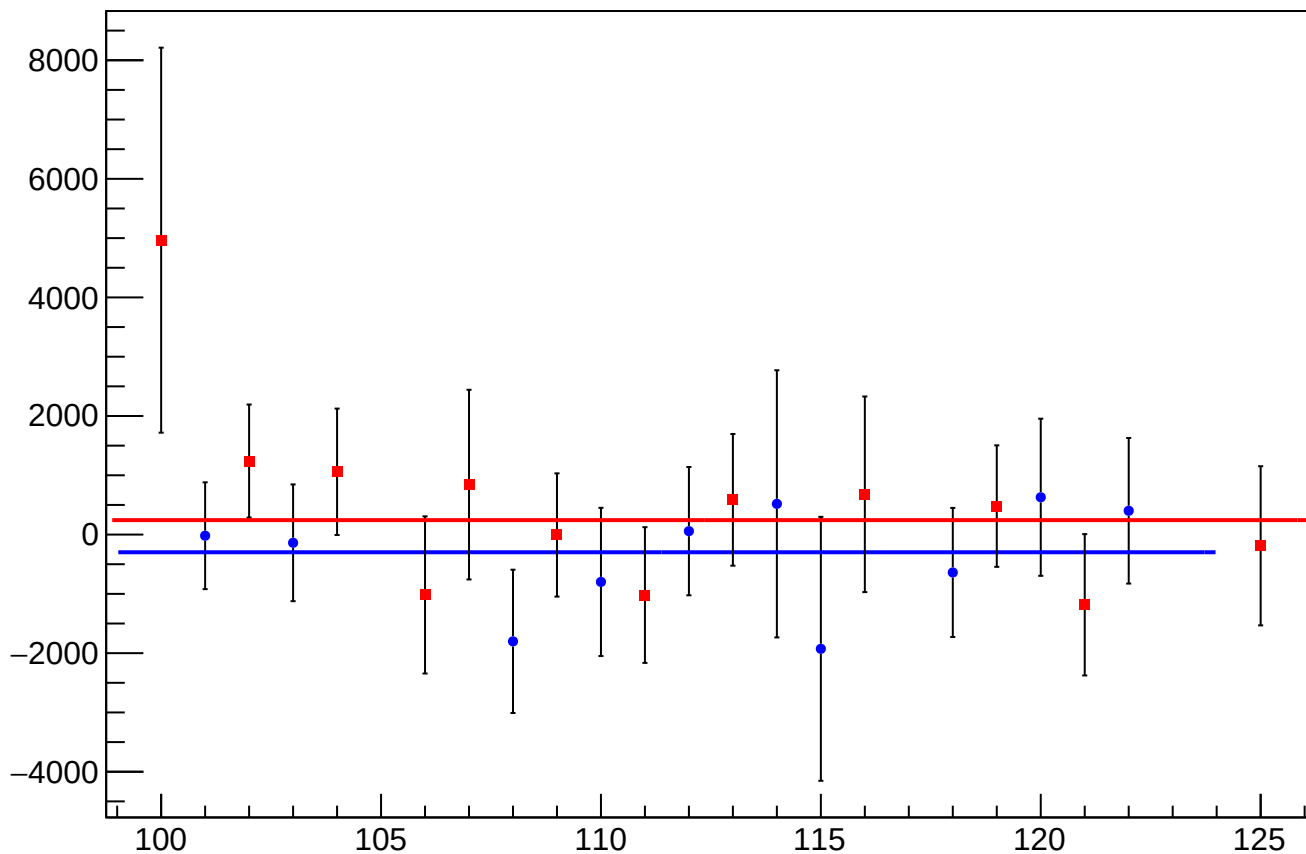
Right: 664.722+/-0.164 χ^2/NDF : 1481170.4/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 664.722+/-0.164 χ^2/NDF : 1481170.4/21

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: 243.664+/-351.052 χ^2/NDF : 7.9/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

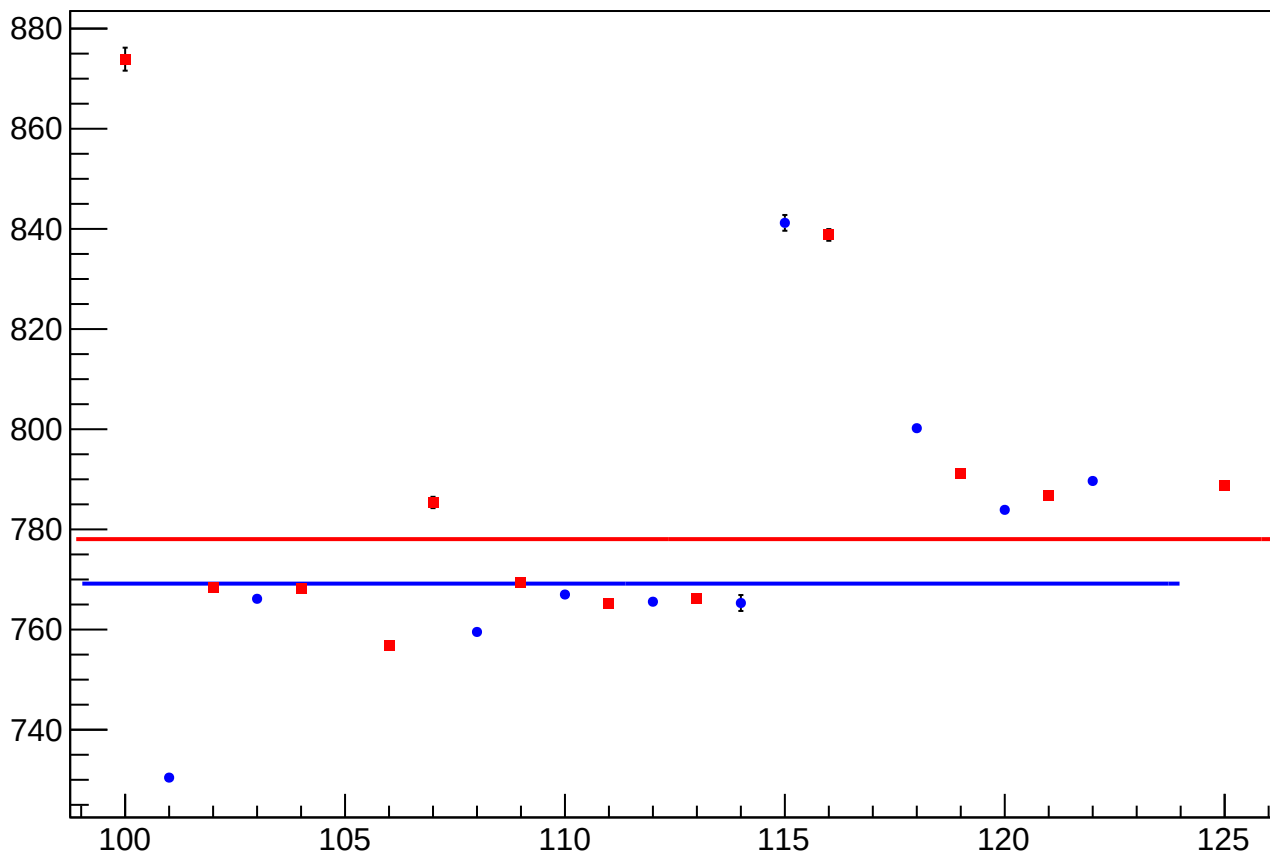
Right: -5.697+/-257.915 χ^2/NDF : 12.5/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.697+/-257.915 χ^2/NDF : 12.5/21

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: 778.058+/-0.248 χ^2/NDF : 6573.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

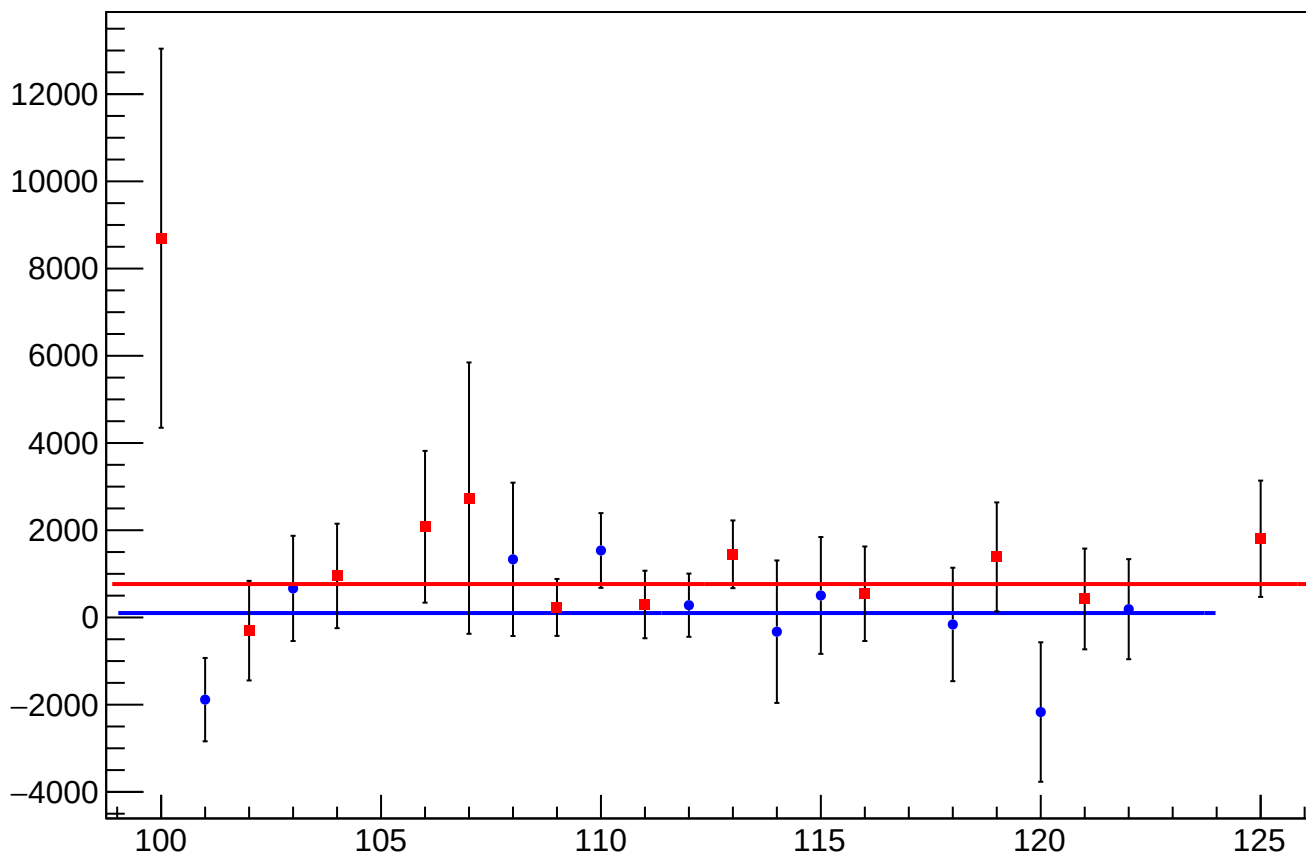
Right: 773.969+/-0.182 χ^2/NDF : 15566.0/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 773.969+/-0.182 χ^2/NDF : 15566.0/21

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: 765.806+/-309.724 χ^2/NDF : 8.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

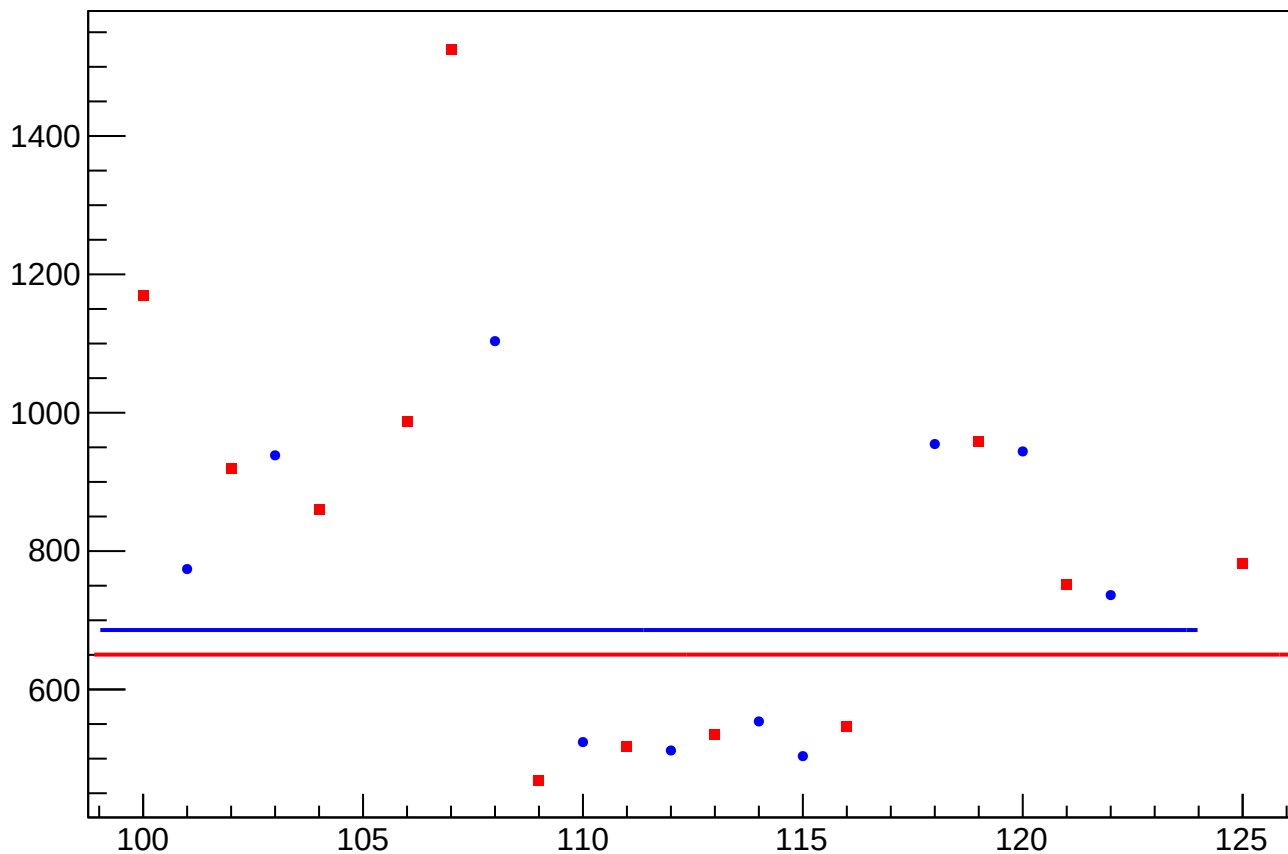
Right: 476.288+/-232.686 χ^2/NDF : 20.1/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 476.288+/-232.686 χ^2/NDF : 20.1/21

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: 650.374+/-0.219 χ^2/NDF : 867740.5/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

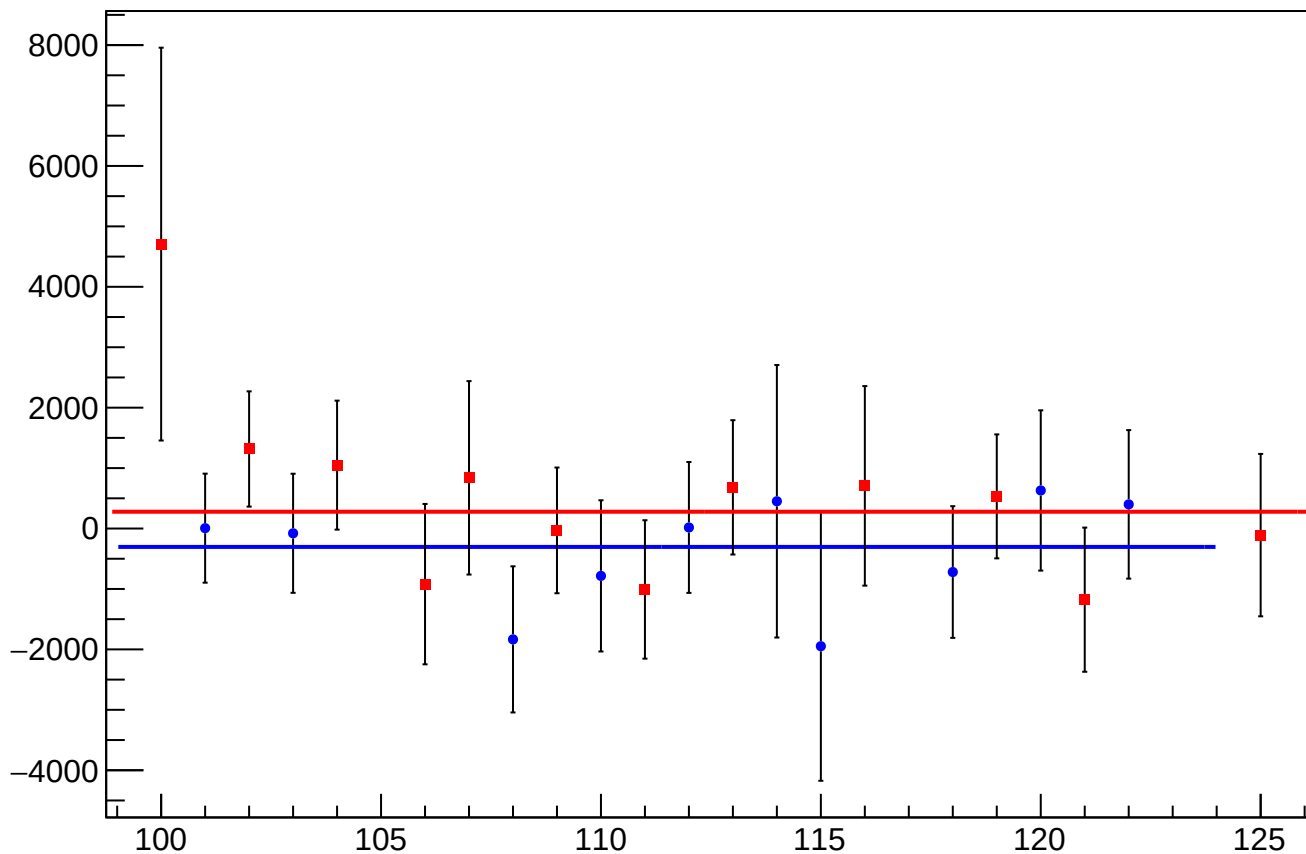
Right: 665.851+/-0.165 χ^2/NDF : 1475148.0/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 665.851+/-0.165 χ^2/NDF : 1475148.0/21

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: 277.851+/-351.348 χ^2/NDF : 7.7/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

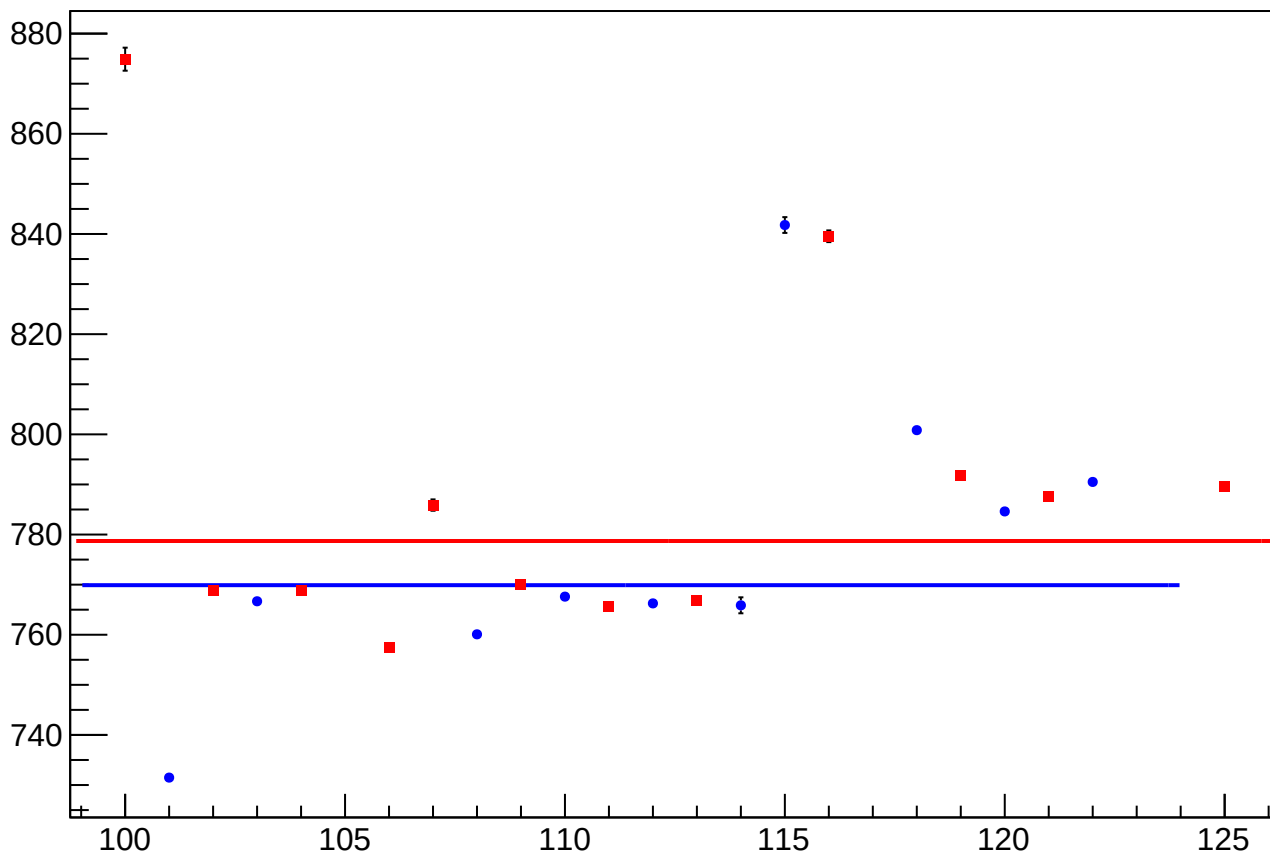
Right: 9.994+/-258.143 χ^2/NDF : 12.6/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.994+/-258.143 χ^2/NDF : 12.6/21

eigen_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: 778.713+/-0.248 χ^2/NDF : 6598.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

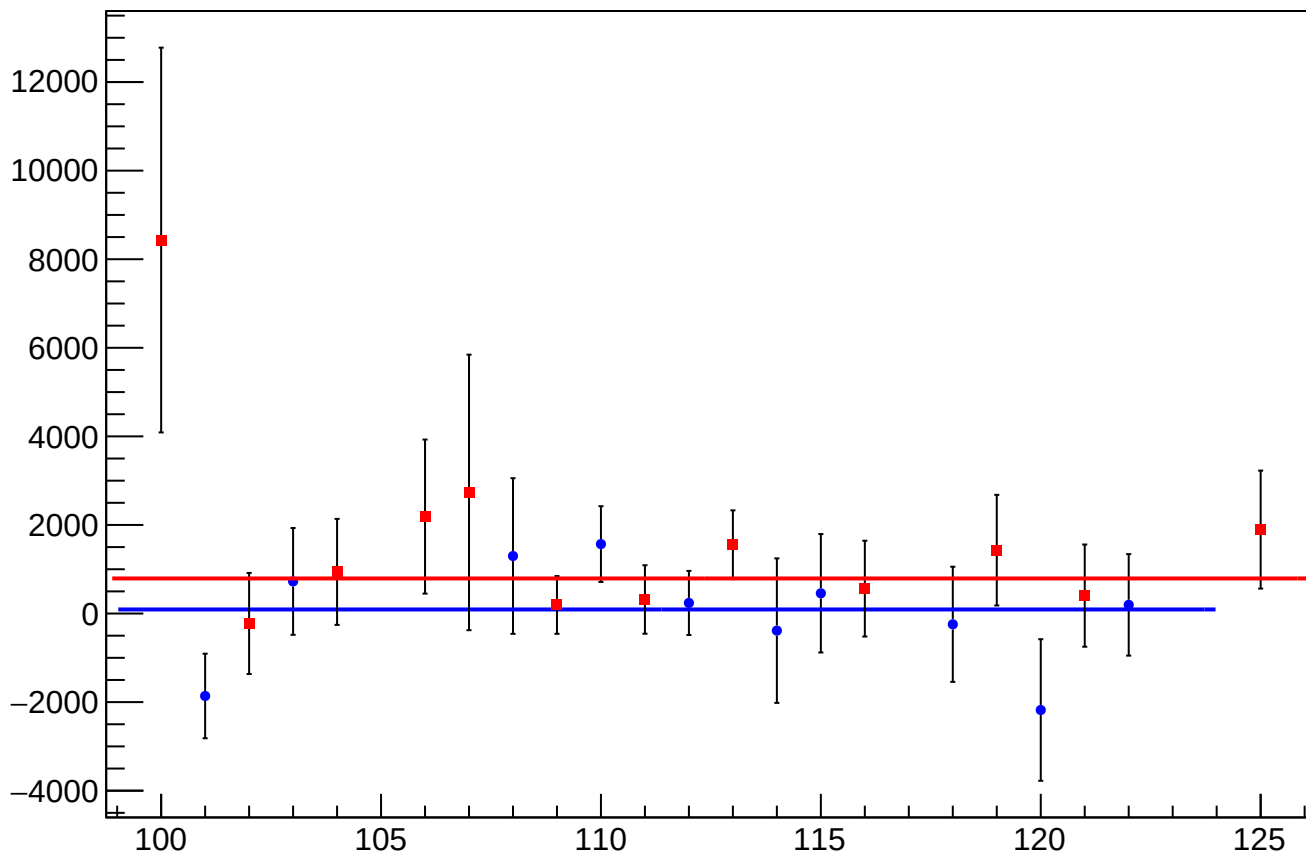
Right: 774.655+/-0.183 χ^2/NDF : 15499.4/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 774.655+/-0.183 χ^2/NDF : 15499.4/21

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: 791.927+/-309.244 χ^2/NDF : 8.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

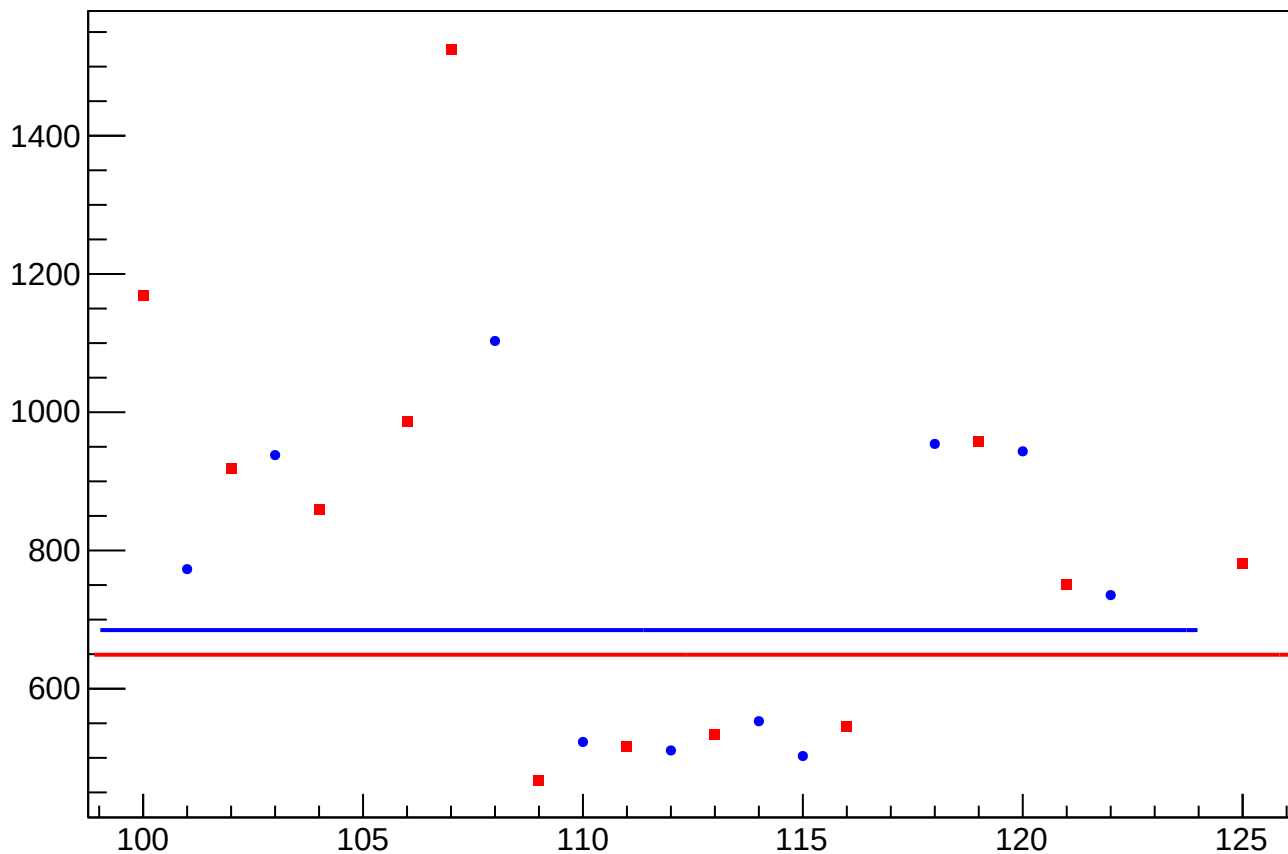
Right: 487.069+/-232.339 χ^2/NDF : 20.7/21

In: 91.952+/-352.059 χ^2/NDF :10.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 487.069+/-232.339 χ^2/NDF : 20.7/21

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: 649.213+/-0.219 χ^2/NDF : 871251.5/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

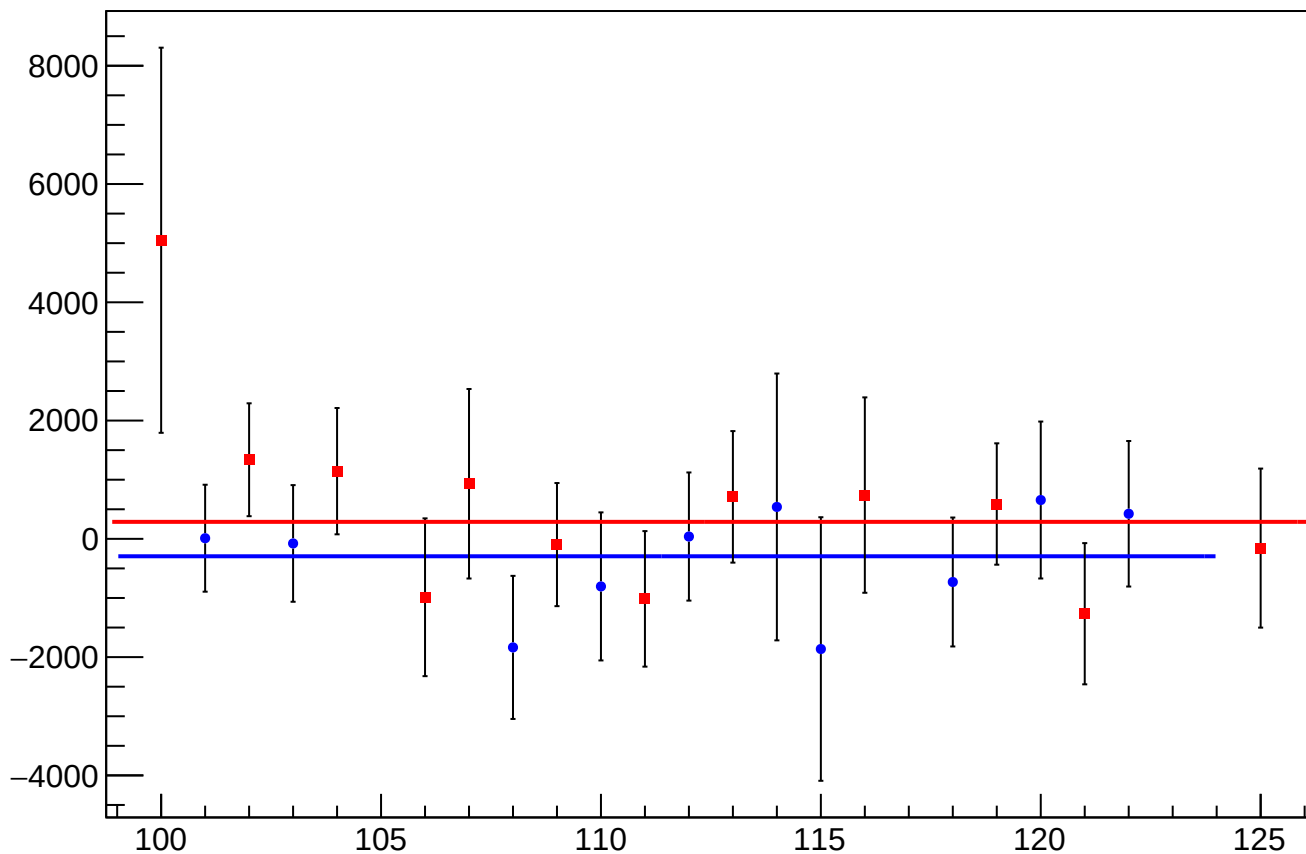
Right: 664.722+/-0.164 χ^2/NDF : 1481170.4/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 664.722+/-0.164 χ^2/NDF : 1481170.4/21

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: 287.335+/-351.723 χ^2/NDF : 8.6/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

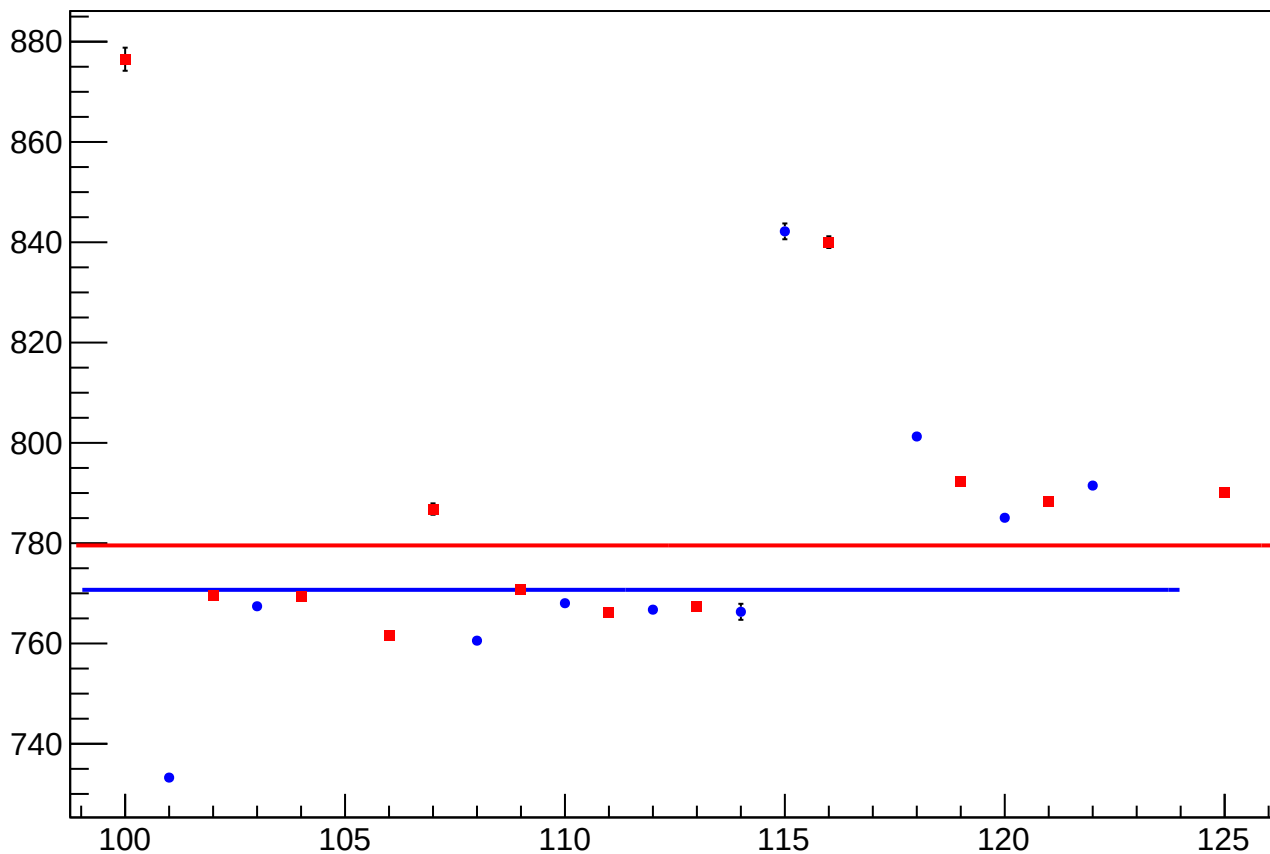
Right: 19.460+/-258.415 χ^2/NDF : 13.6/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.460+/-258.415 χ^2/NDF : 13.6/21

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: 779.551 $\pm$ 0.249 χ^2 /NDF: 6461.7/11

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

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

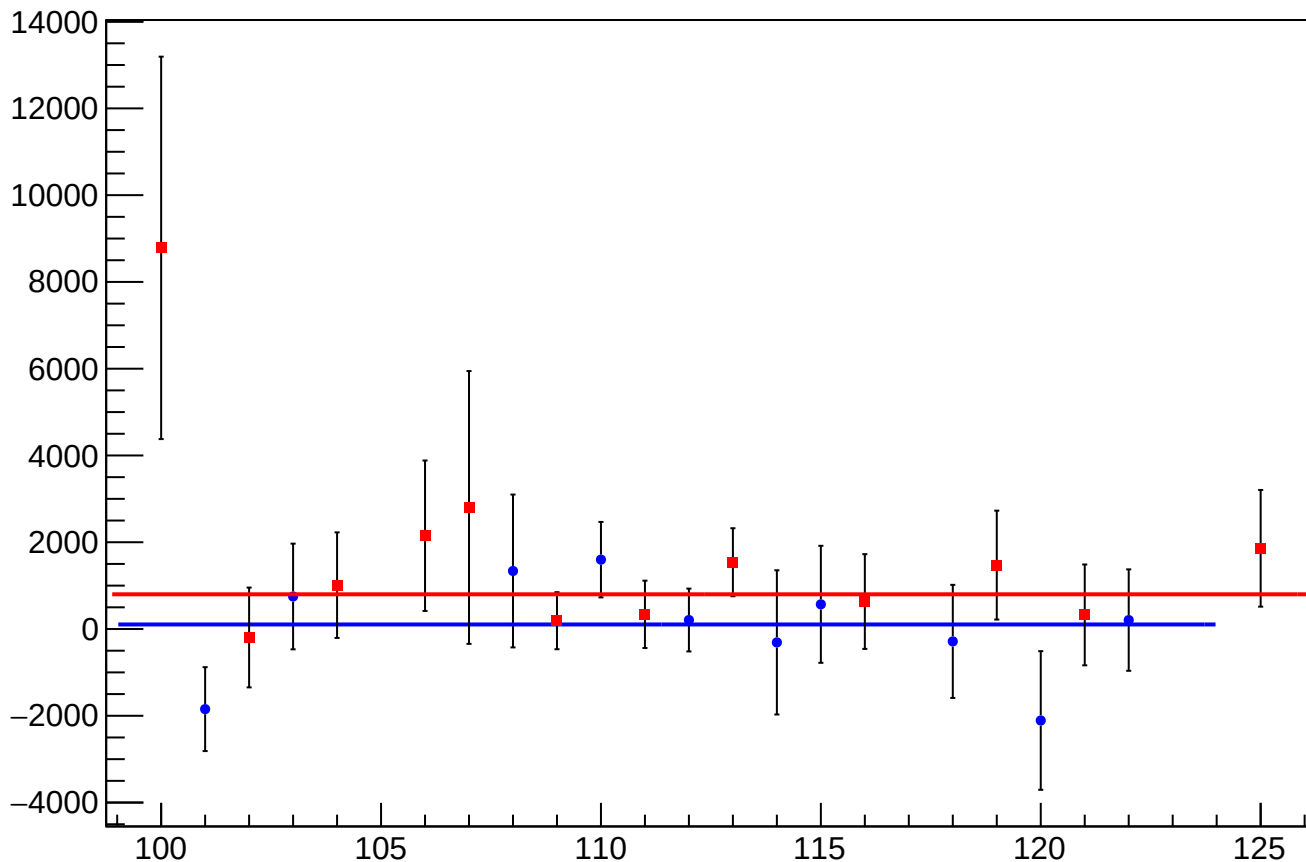
Right: 775.477 $\pm$ 0.183 χ^2 /NDF: 15114.9/21

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: 775.477 $\pm$ 0.183 χ^2 /NDF: 15114.9/21

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: 800.017+/-311.805 χ^2/NDF : 8.3/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

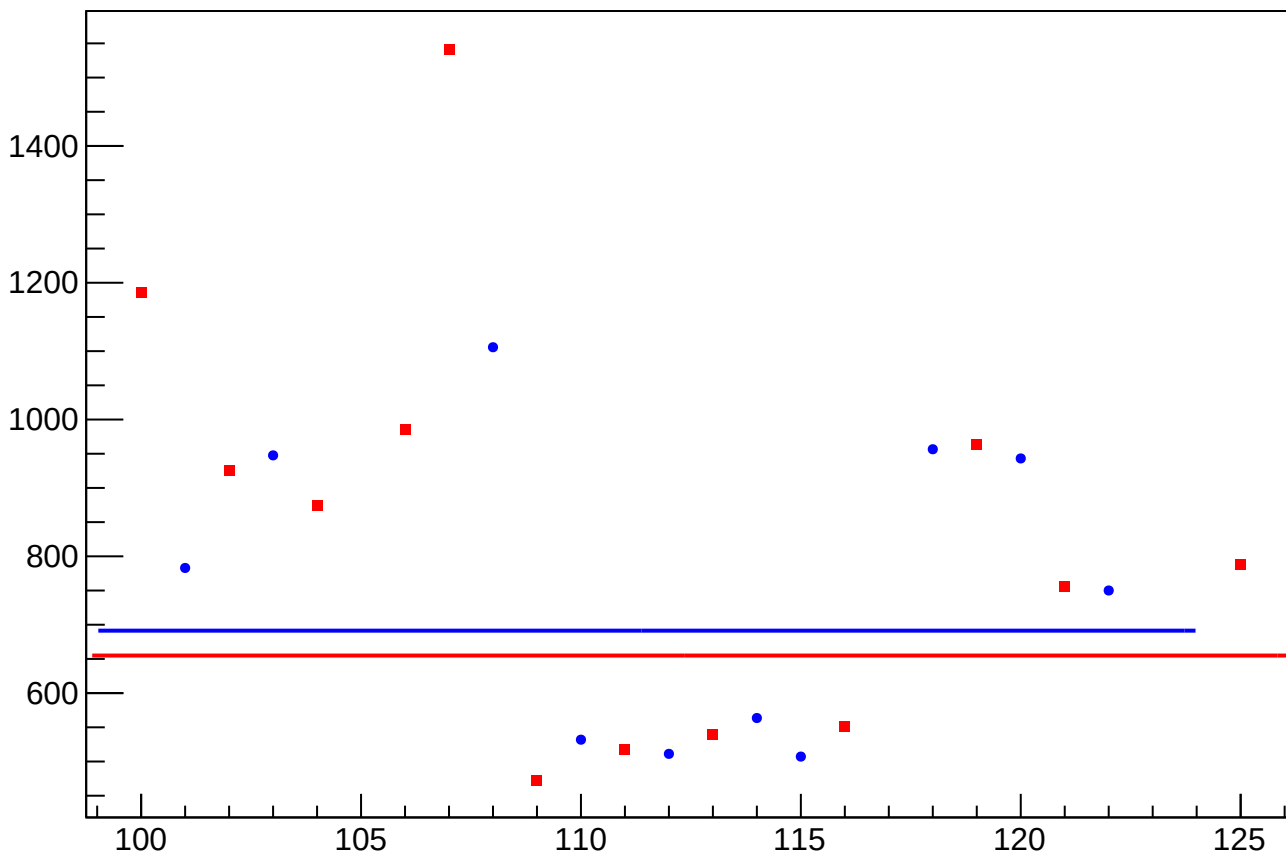
Right: 497.527+/-234.366 χ^2/NDF : 20.4/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 497.527+/-234.366 χ^2/NDF : 20.4/21

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: 654.935+/-0.220 χ^2/NDF : 870782.2/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

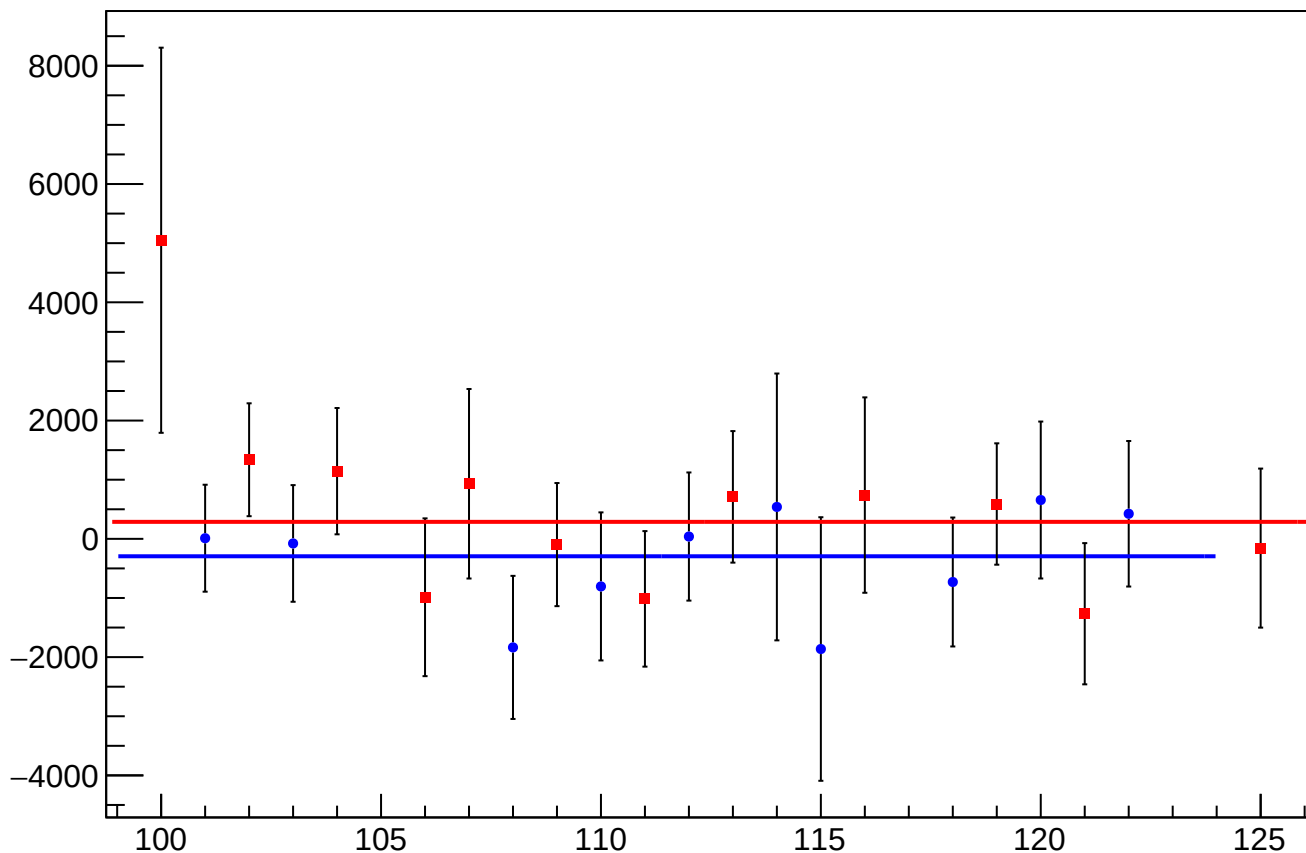
Right: 670.766+/-0.166 χ^2/NDF : 1477505.6/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 670.766+/-0.166 χ^2/NDF : 1477505.6/21

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: 287.332+/-351.723 χ^2 /NDF: 8.6/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

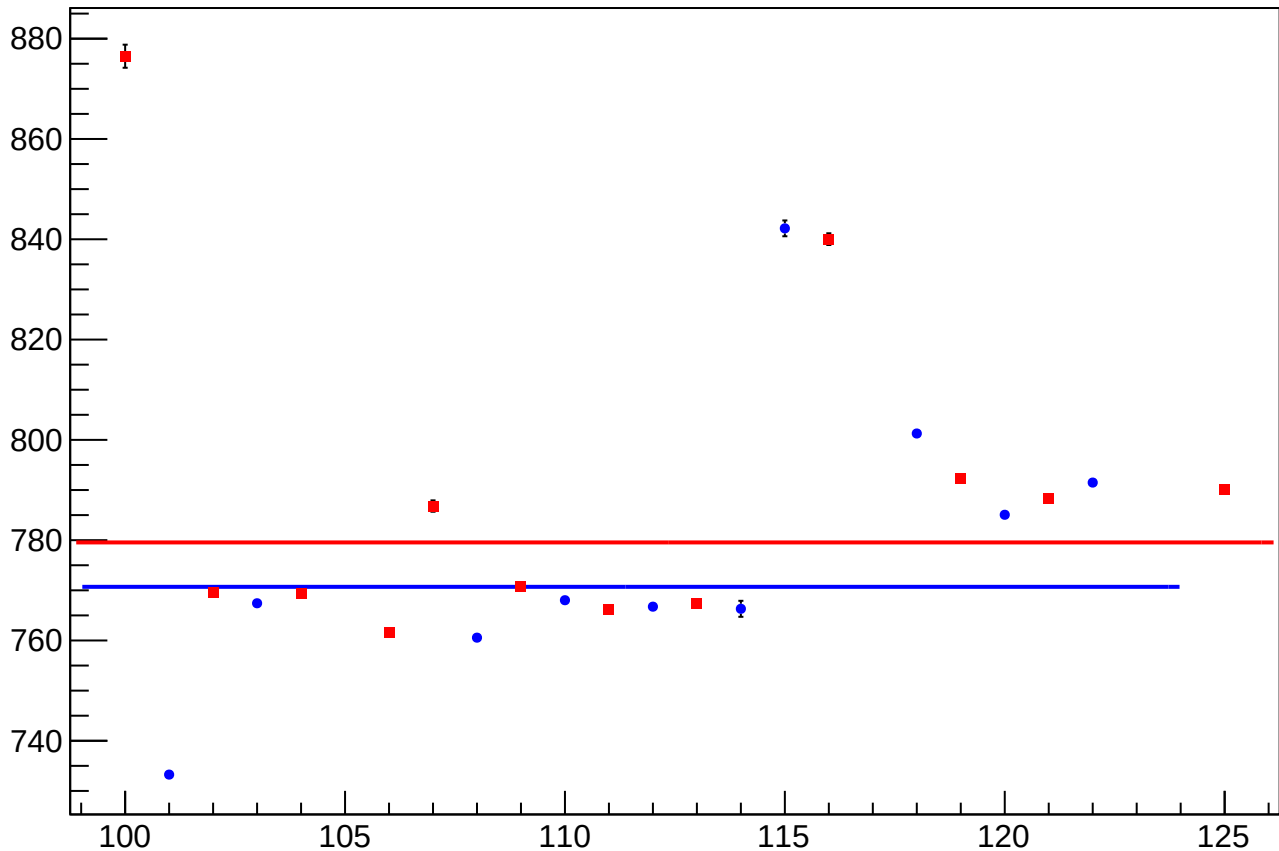
Right: 19.458+/-258.415 χ^2 /NDF: 13.6/21

In: -294.748+/-380.928 χ^2 /NDF:3.7/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 19.458+/-258.415 χ^2 /NDF: 13.6/21

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: 779.551+/-0.249 χ^2/NDF : 6461.7/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

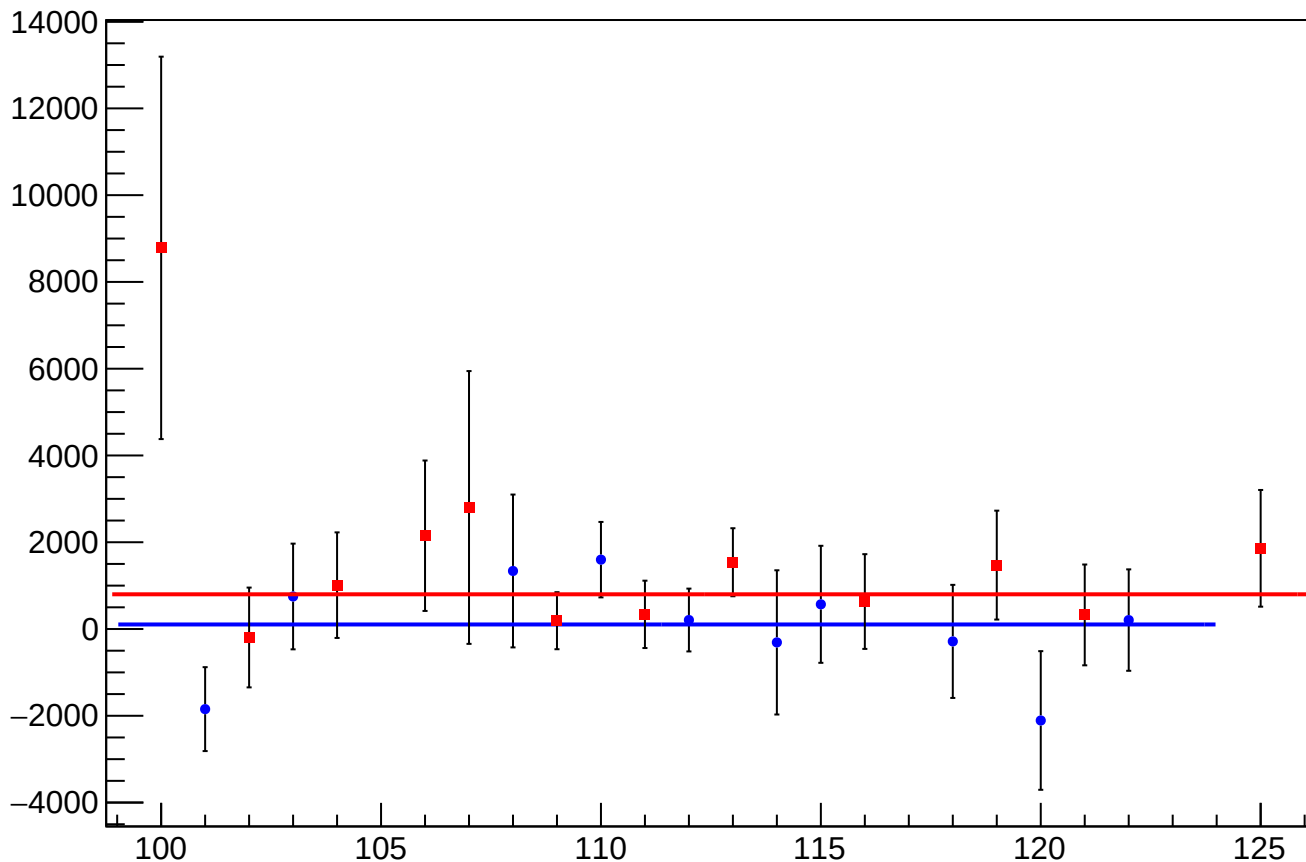
Right: 775.477+/-0.183 χ^2/NDF : 15114.8/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 775.477+/-0.183 χ^2/NDF : 15114.8/21

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: 800.014+/-311.804 χ^2/NDF : 8.3/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

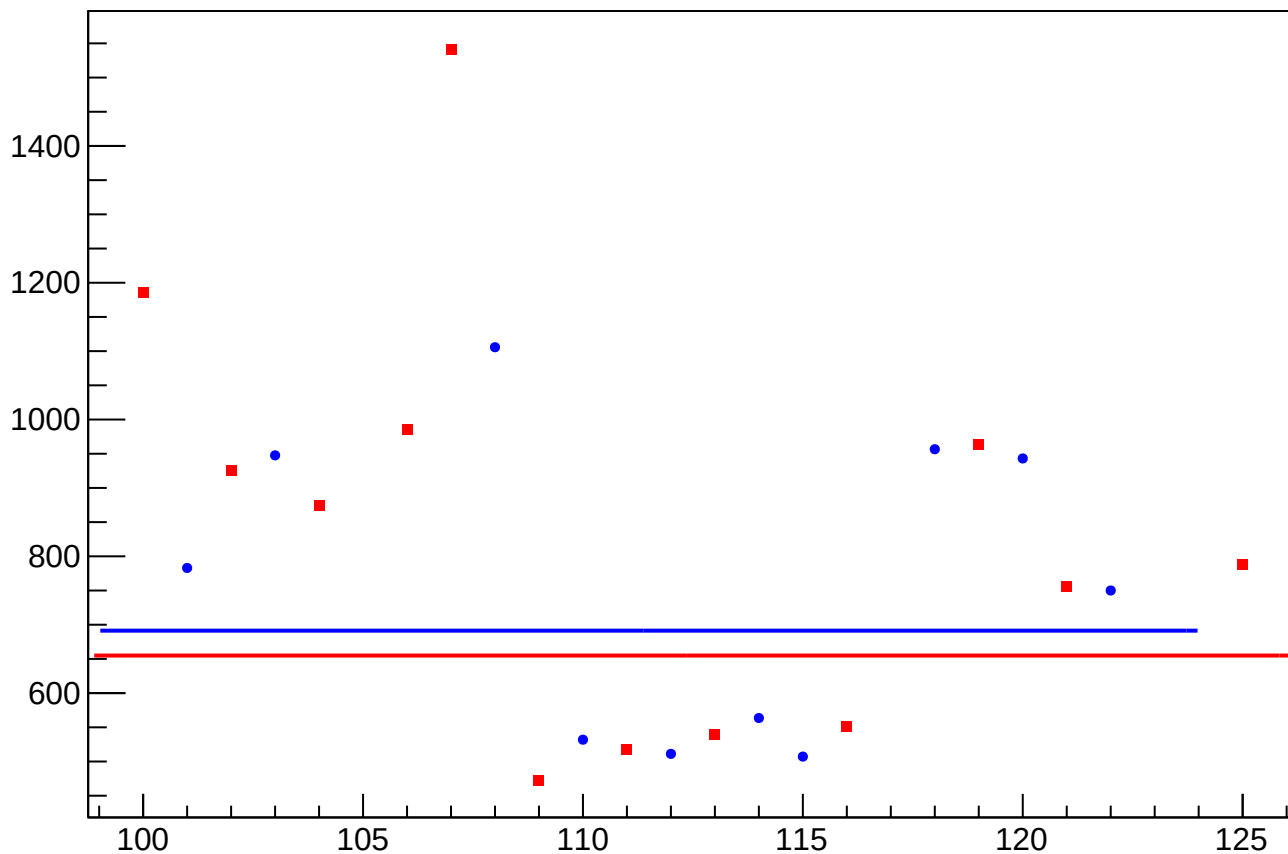
Right: 497.525+/-234.365 χ^2/NDF : 20.4/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 497.525+/-234.365 χ^2/NDF : 20.4/21

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: 654.931+/-0.220 χ^2/NDF : 870801.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

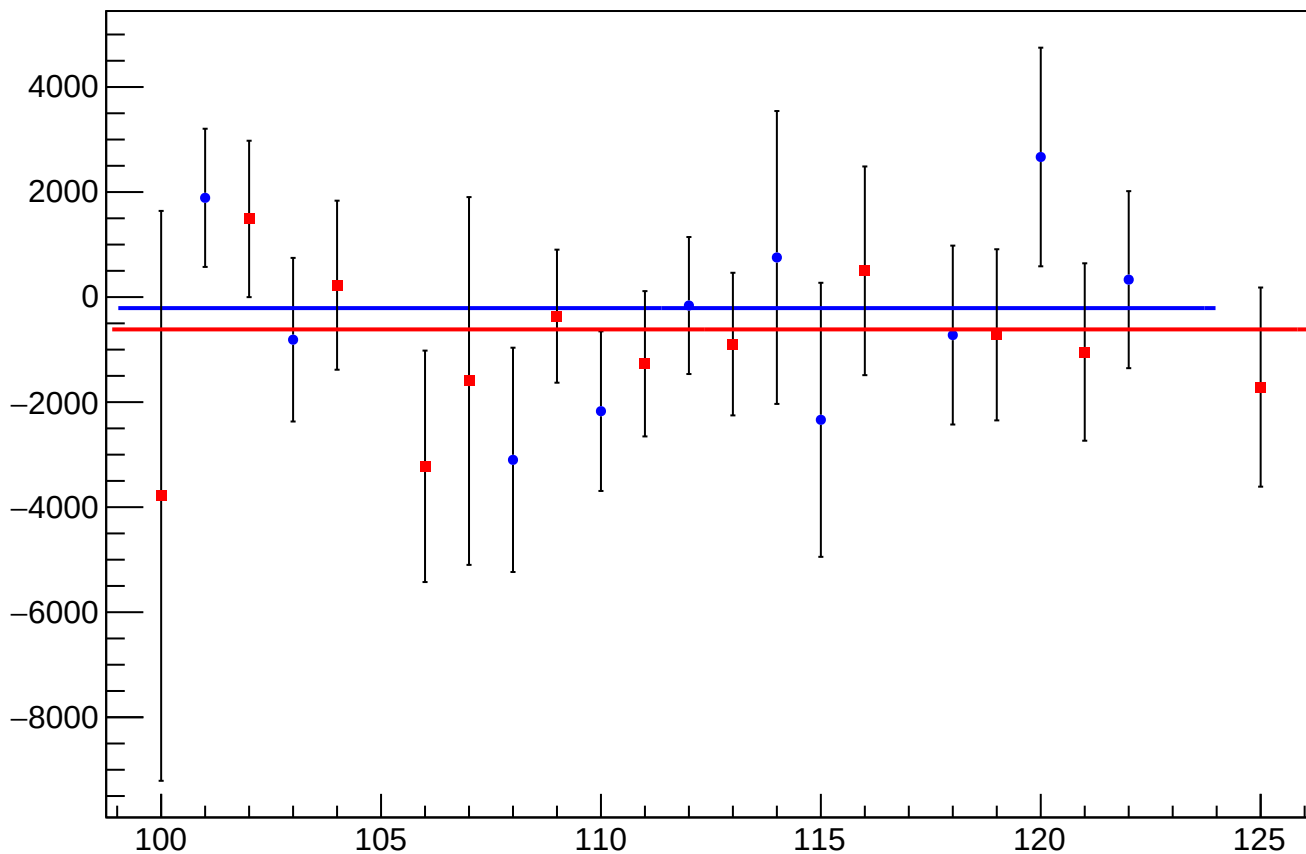
Right: 670.761+/-0.166 χ^2/NDF : 1477539.3/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 670.761+/-0.166 χ^2/NDF : 1477539.3/21

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: -615.292+/-493.530 χ^2 /NDF: 5.1/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

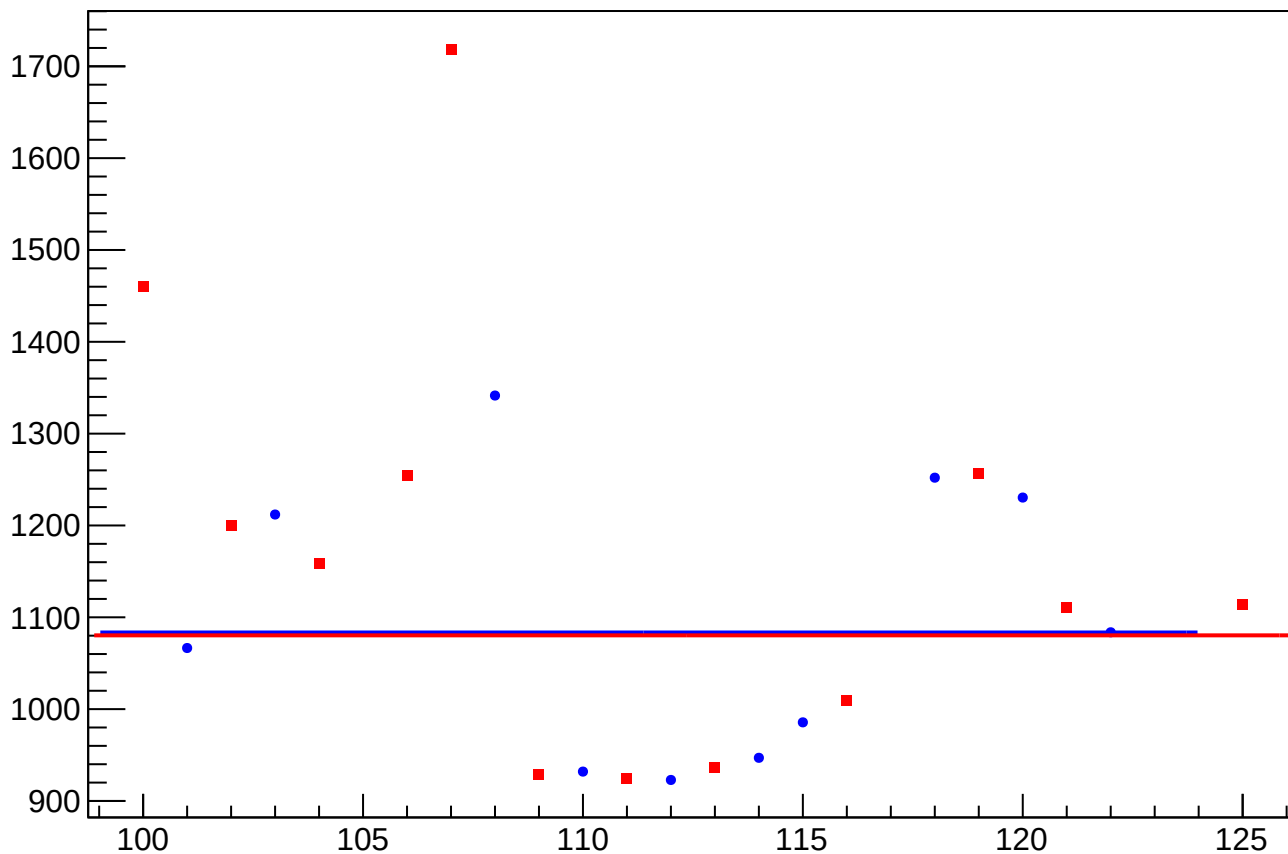
Right: -430.613+/-364.211 χ^2 /NDF: 14.5/21

In: -209.759+/-539.706 χ^2 /NDF:9.1/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -430.613+/-364.211 χ^2 /NDF: 14.5/21

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: 1080.344+/-0.349 χ^2/NDF : 209654.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

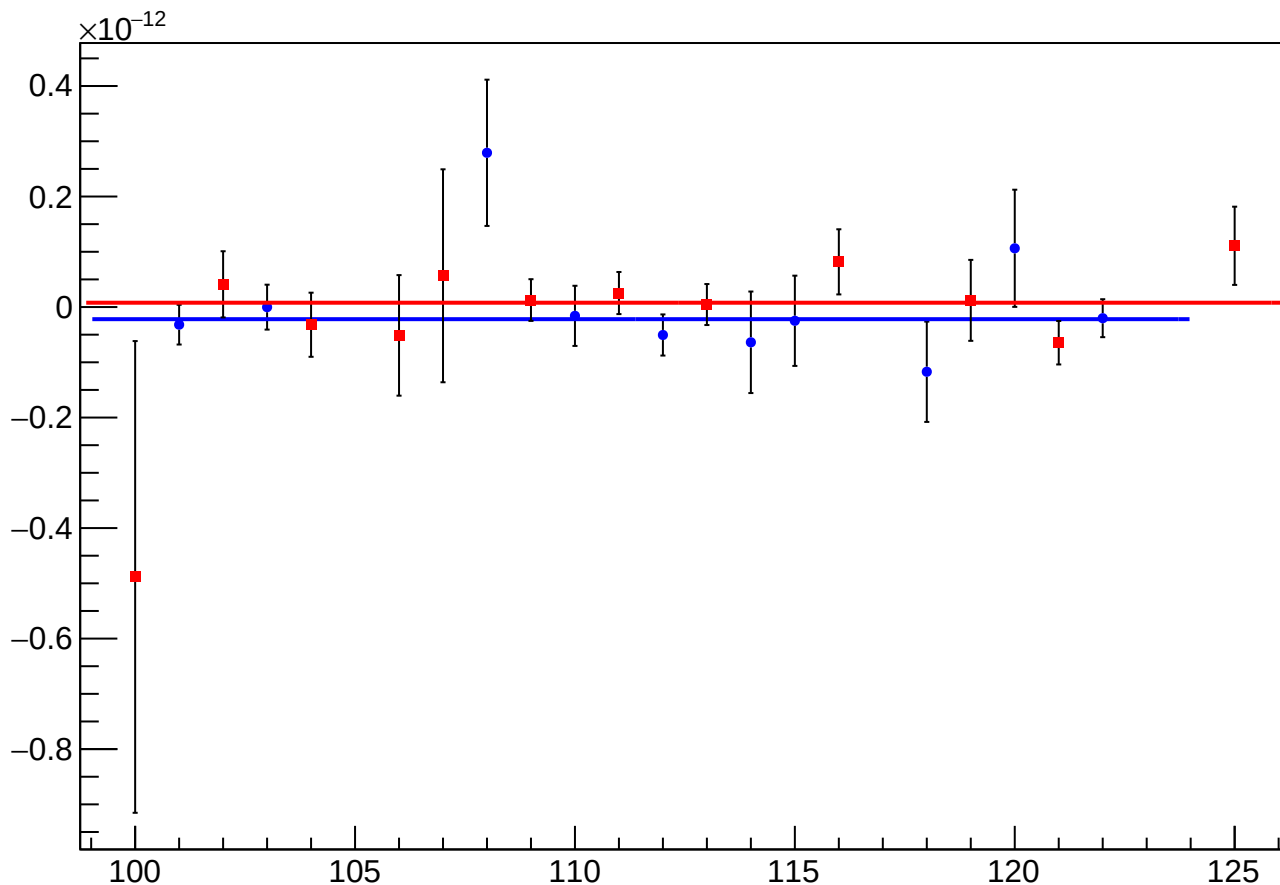
Right: 1081.756+/-0.258 χ^2/NDF : 340178.6/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1081.756+/-0.258 χ^2/NDF : 340178.6/21

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 : 9.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

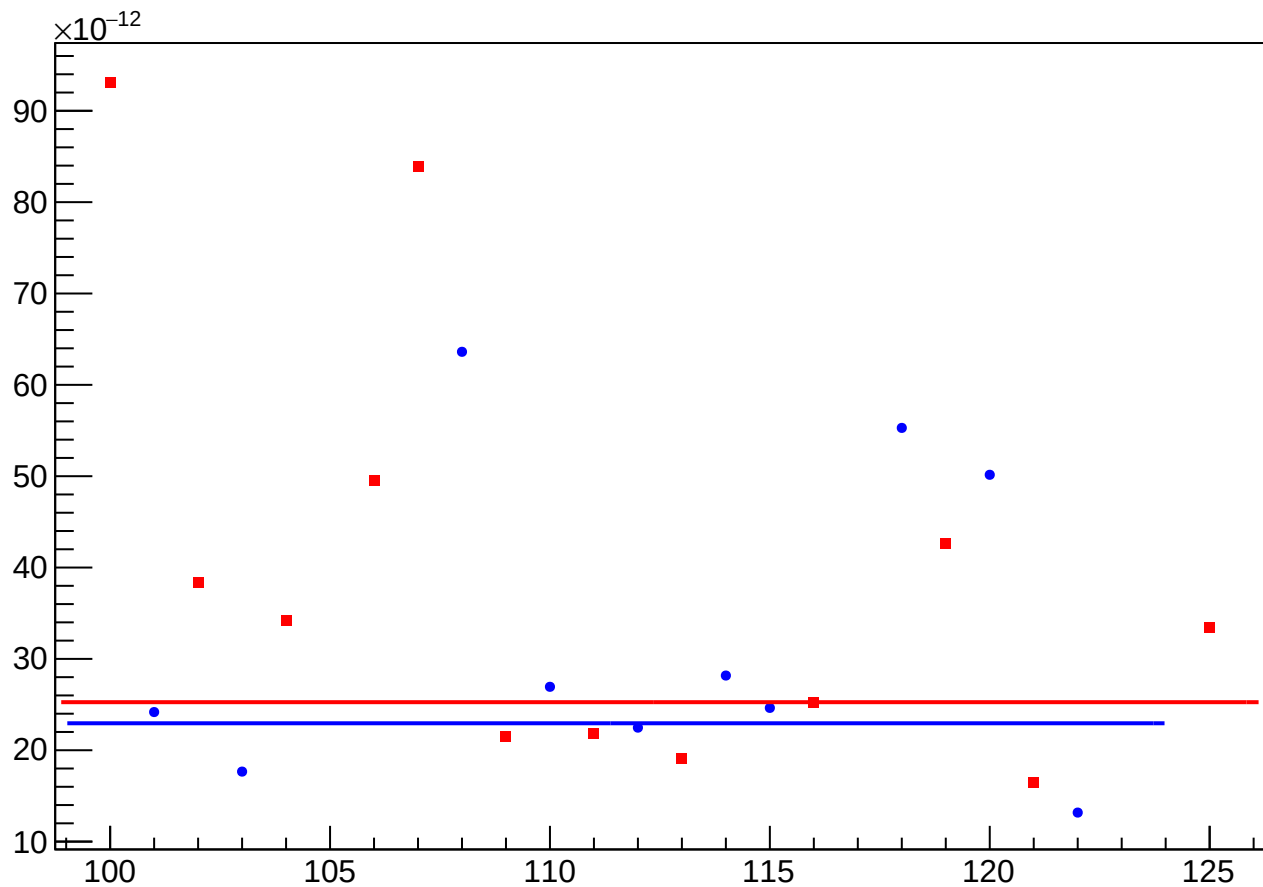
Right: -0.000+/-0.000 χ^2/NDF : 20.5/21

In: -0.000+/-0.000 χ^2/NDF : 8.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.5/21

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 : 808888.9/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

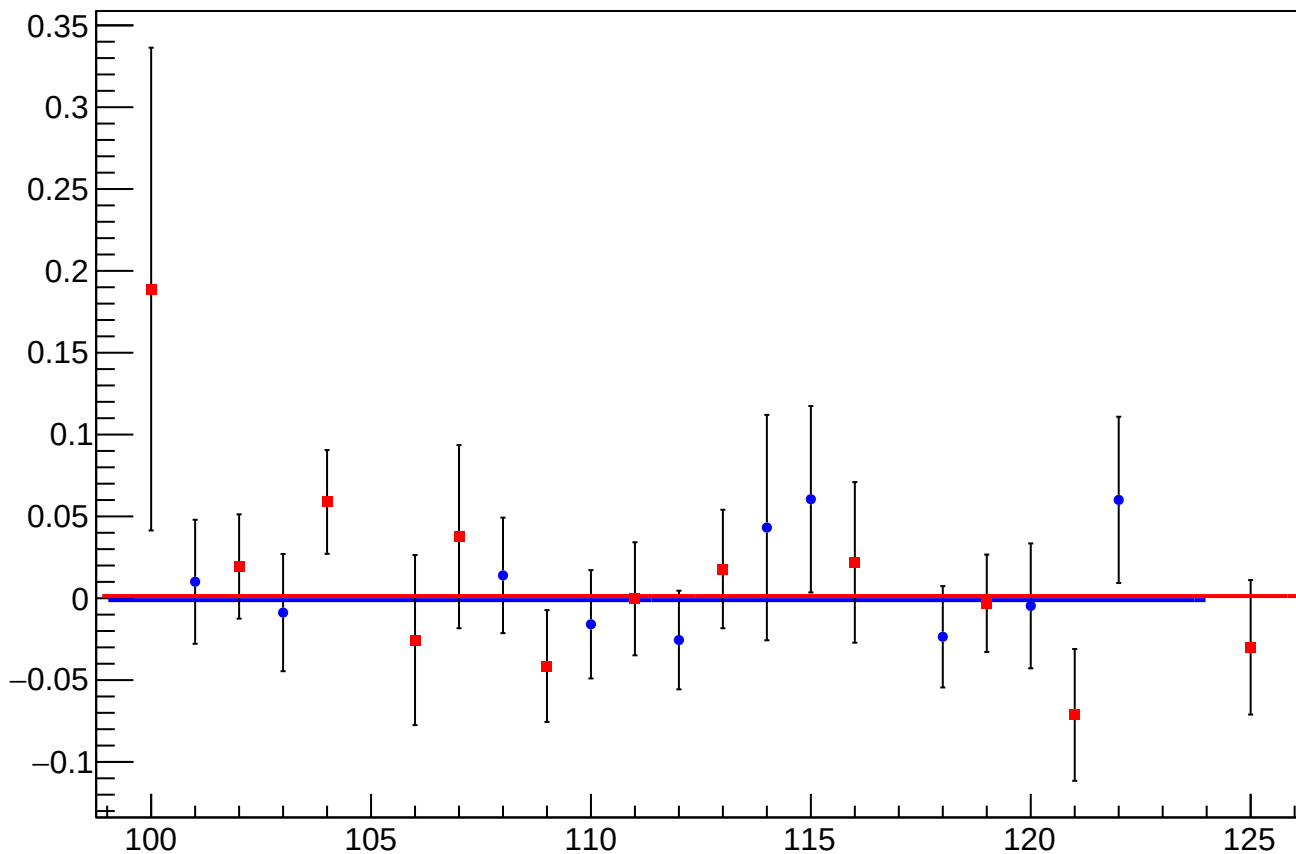
Right: 0.000+/-0.000 χ^2/NDF : 1621100.7/21

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 : 1621100.7/21

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: 0.001 ± 0.011 χ^2/NDF : 11.7/11

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

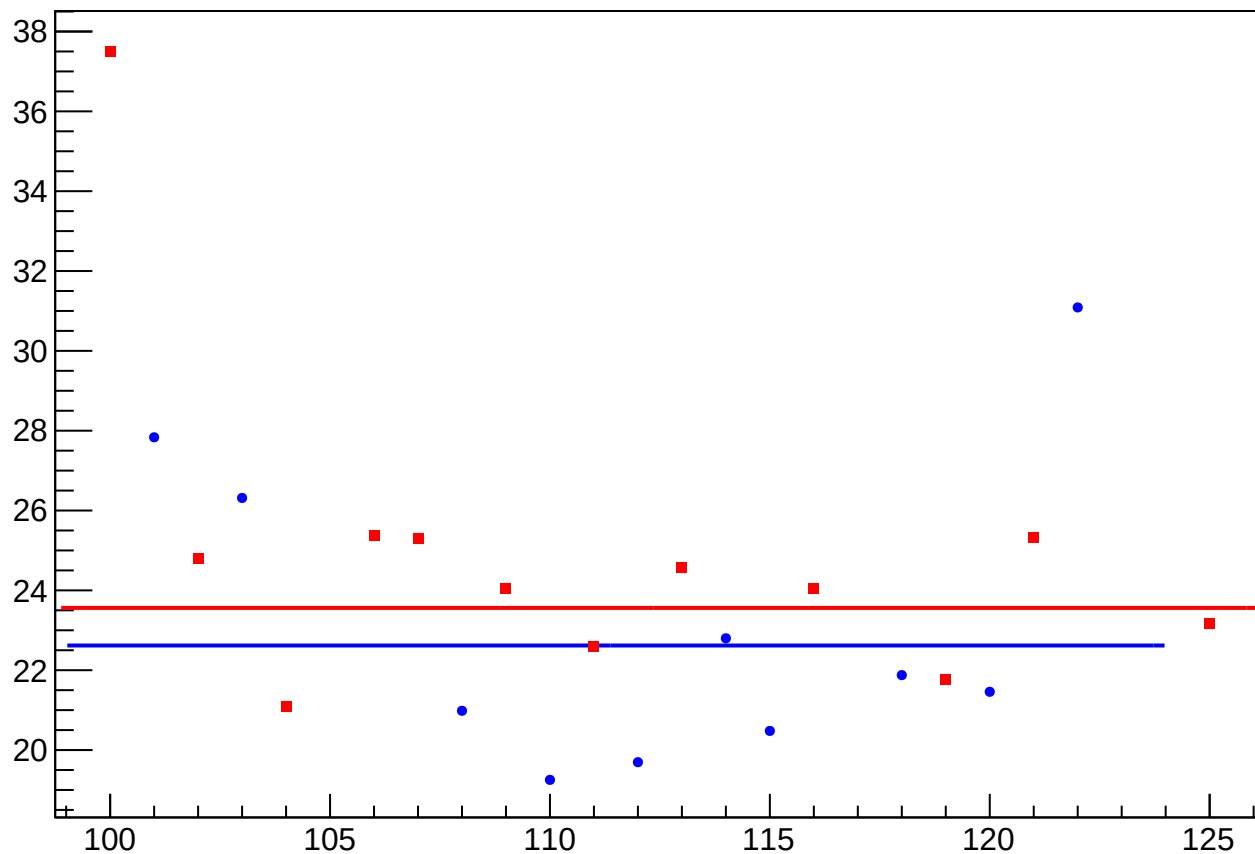
Right: 0.000 ± 0.008 χ^2/NDF : 16.5/21

In: -0.001 ± 0.012 χ^2/NDF : 4.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.008 χ^2/NDF : 16.5/21

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: 23.561+/-0.008 χ^2/NDF : 52544.6/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

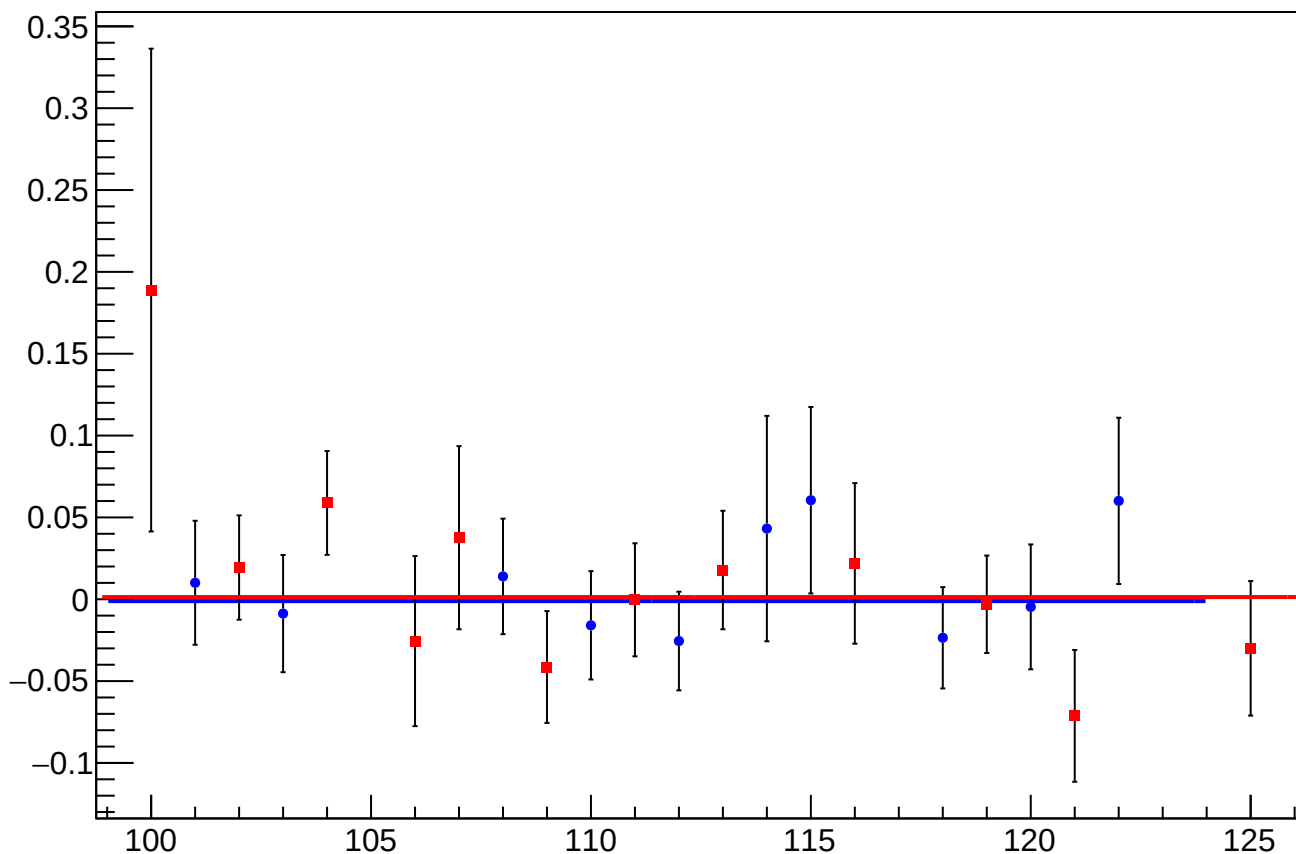
Right: 23.121+/-0.006 χ^2/NDF : 223588.6/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.121+/-0.006 χ^2/NDF : 223588.6/21

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: 0.001 ± 0.011 χ^2/NDF : 11.7/11

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

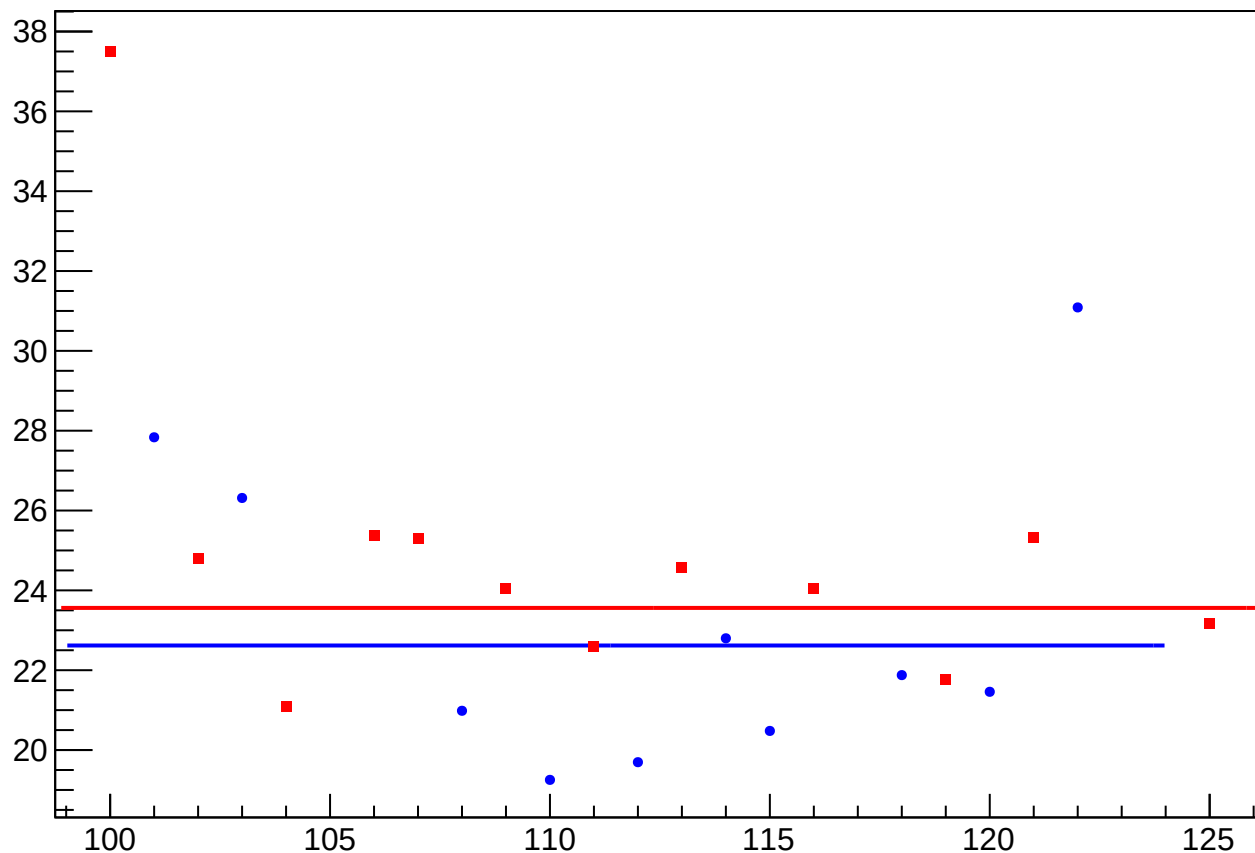
Right: 0.000 ± 0.008 χ^2/NDF : 16.5/21

In: -0.001 ± 0.012 χ^2/NDF : 4.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.008 χ^2/NDF : 16.5/21

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: 23.561+/-0.008 χ^2/NDF : 52544.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

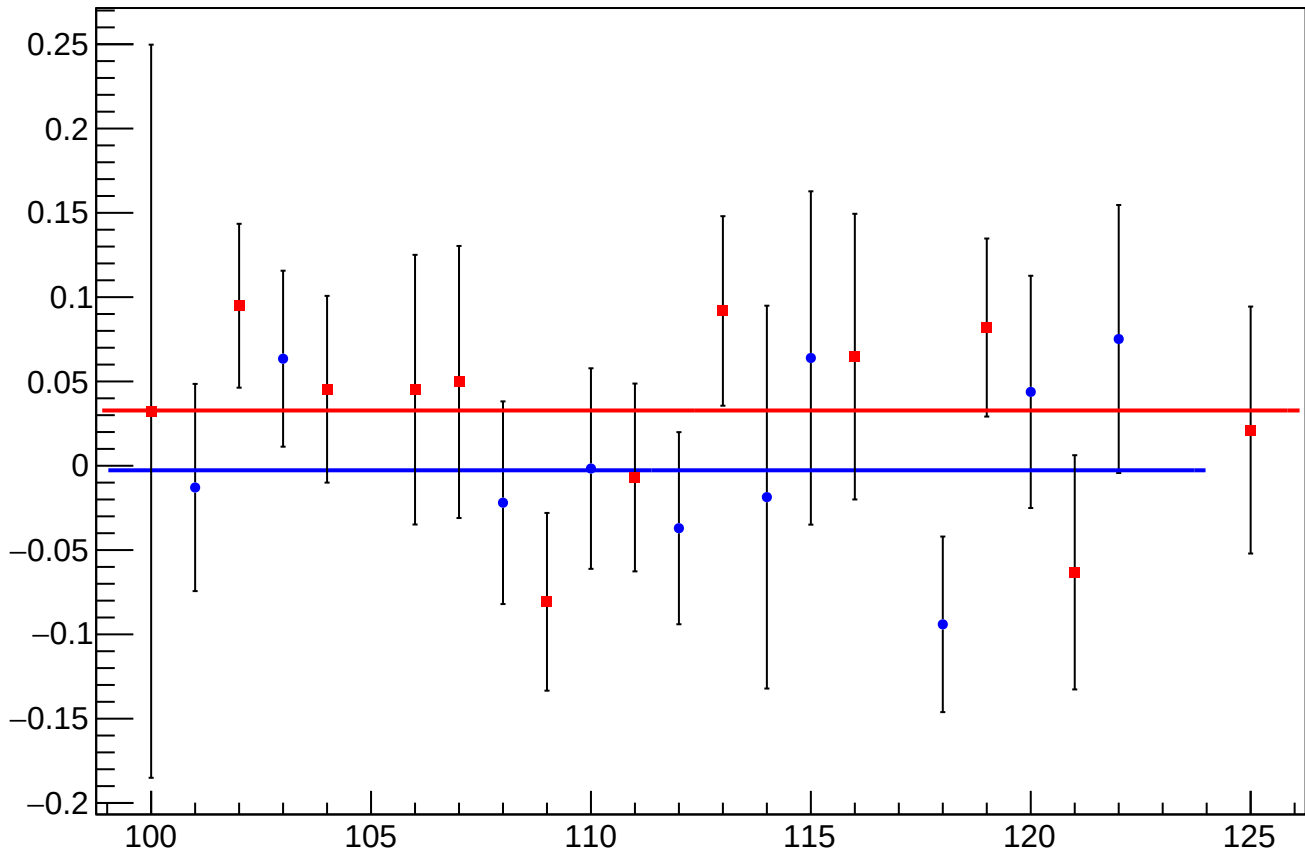
Right: 23.121+/-0.006 χ^2/NDF : 223588.6/21

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.121+/-0.006 χ^2/NDF : 223588.6/21

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: 0.033+/-0.018 χ^2/NDF : 10.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

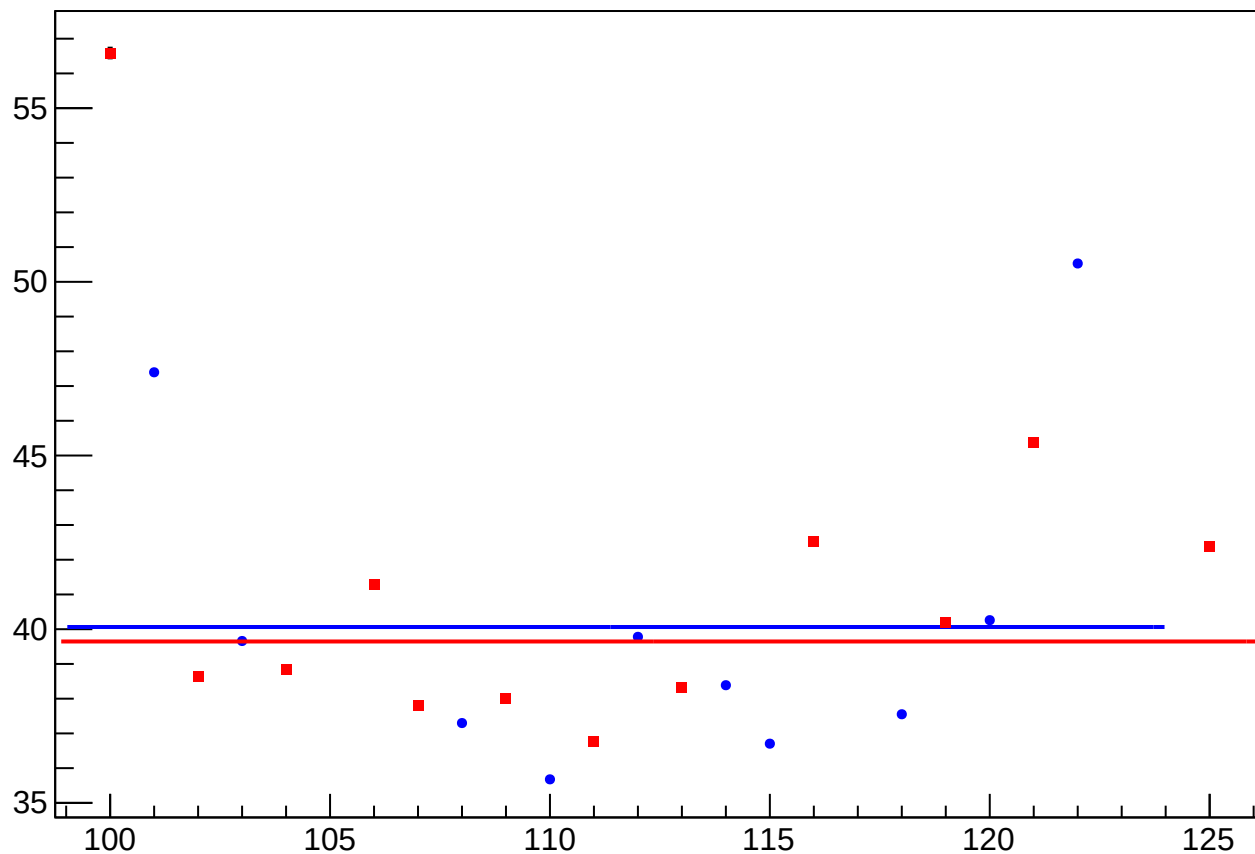
Right: 0.017+/-0.014 χ^2/NDF : 19.7/21

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 : 19.7/21

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: 39.647+/-0.013 χ^2/NDF : 42668.3/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

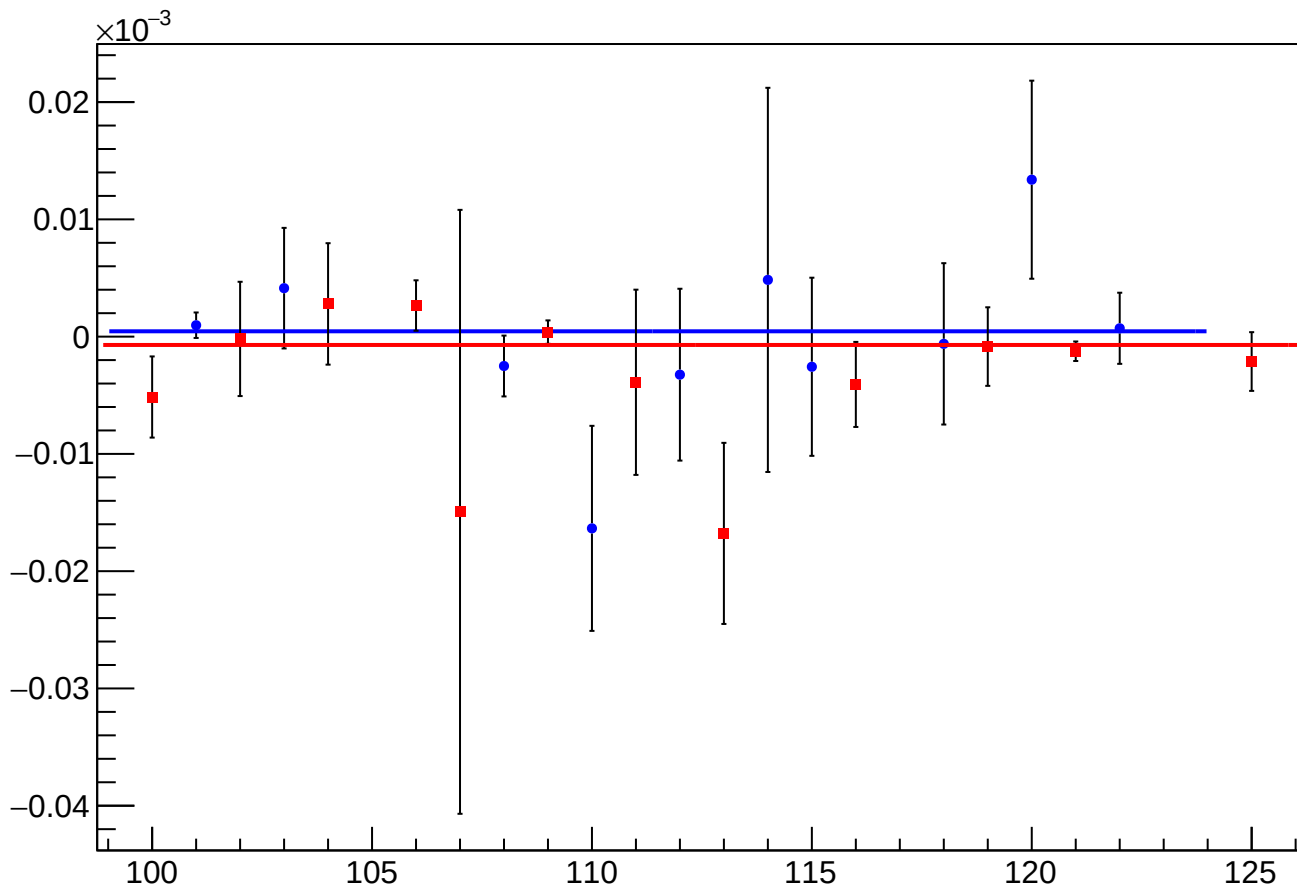
Right: 39.833+/-0.010 χ^2/NDF : 128978.3/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.833+/-0.010 χ^2/NDF : 128978.3/21

asym_us_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.6/9

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

Right Out: -0.000+/-0.000 χ^2/NDF : 12.2/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

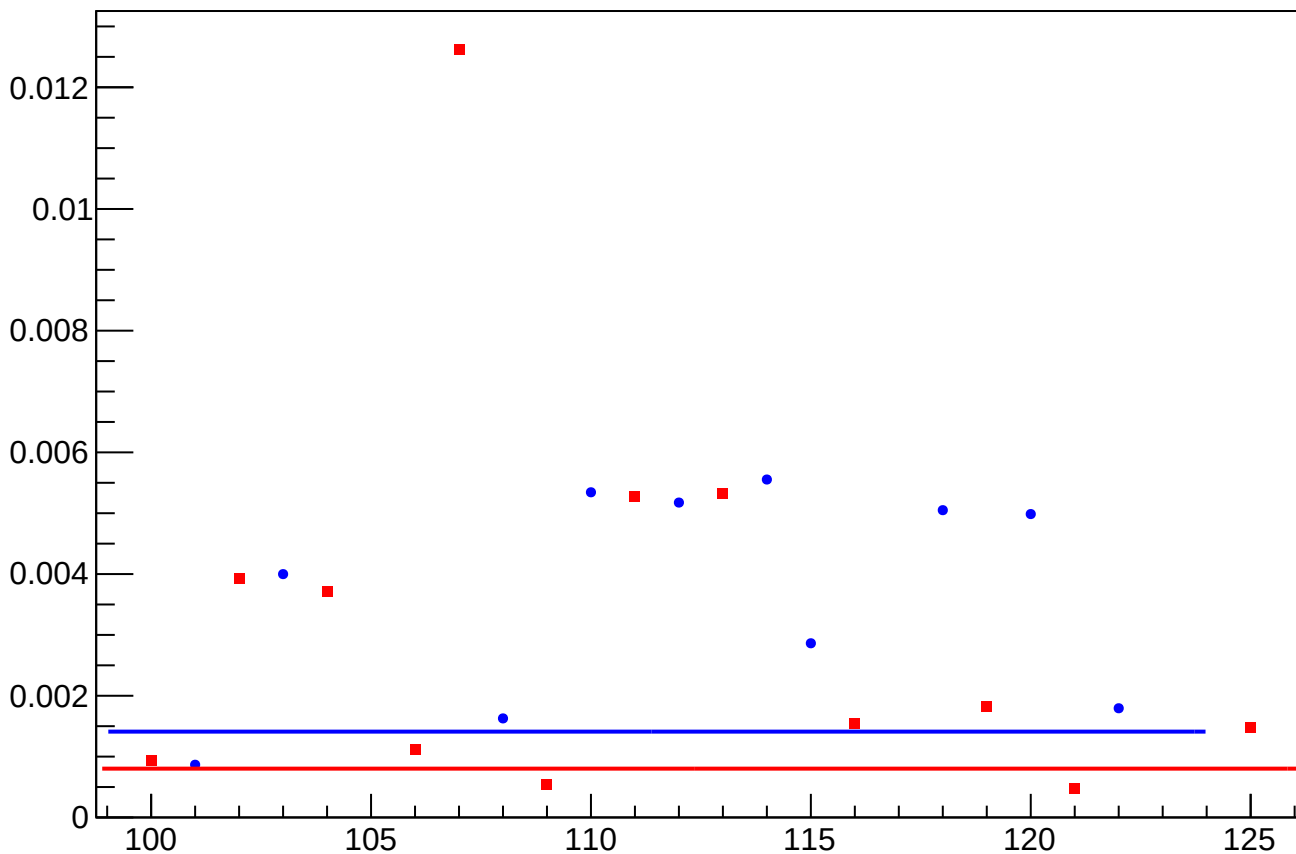
Right: -0.000+/-0.000 χ^2/NDF : 22.0/21

In: 0.000+/-0.000 χ^2/NDF : 8.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.0/21

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 : 4106312.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

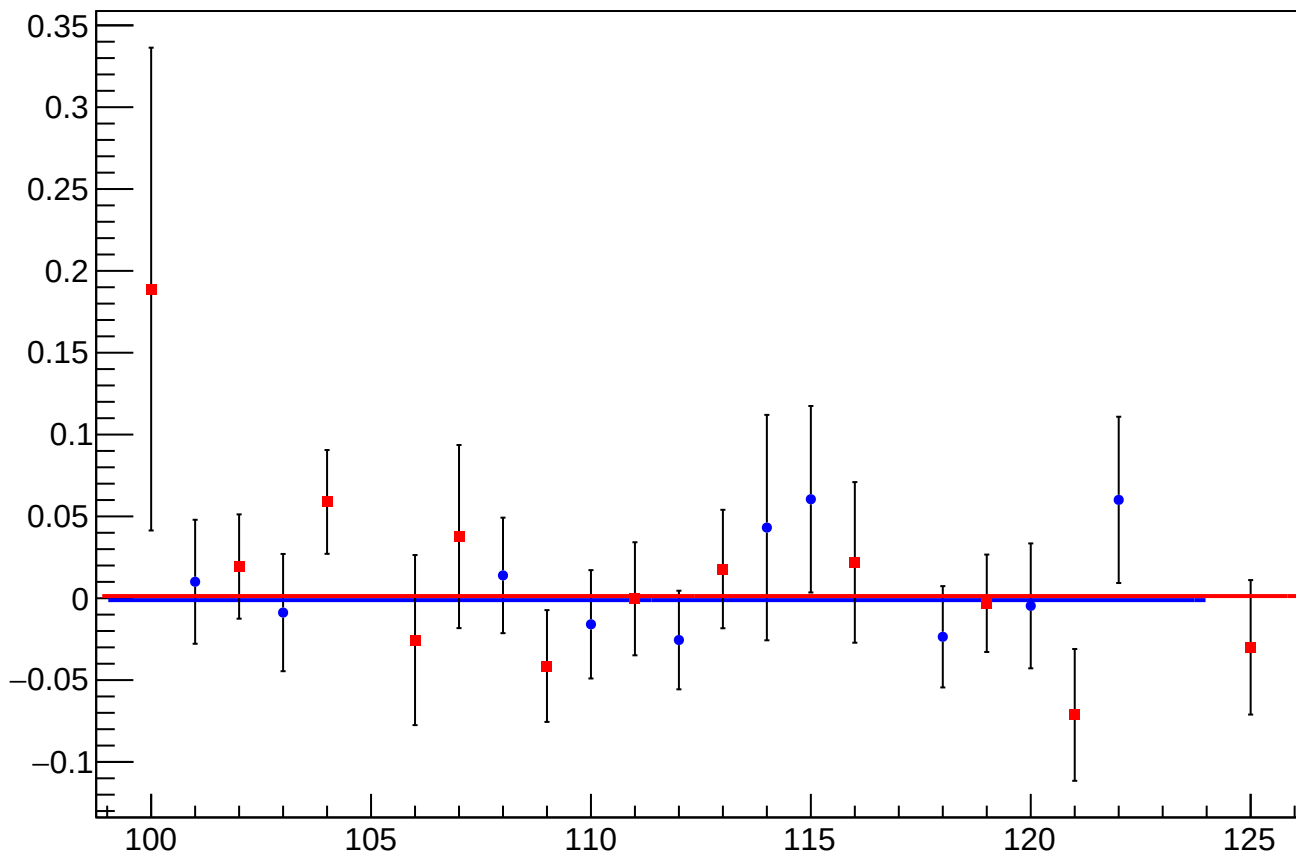
Right: 0.001+/-0.000 χ^2/NDF : 7871015.8/21

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 : 7871015.8/21

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: 0.001 ± 0.011 χ^2/NDF : 11.7/11

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

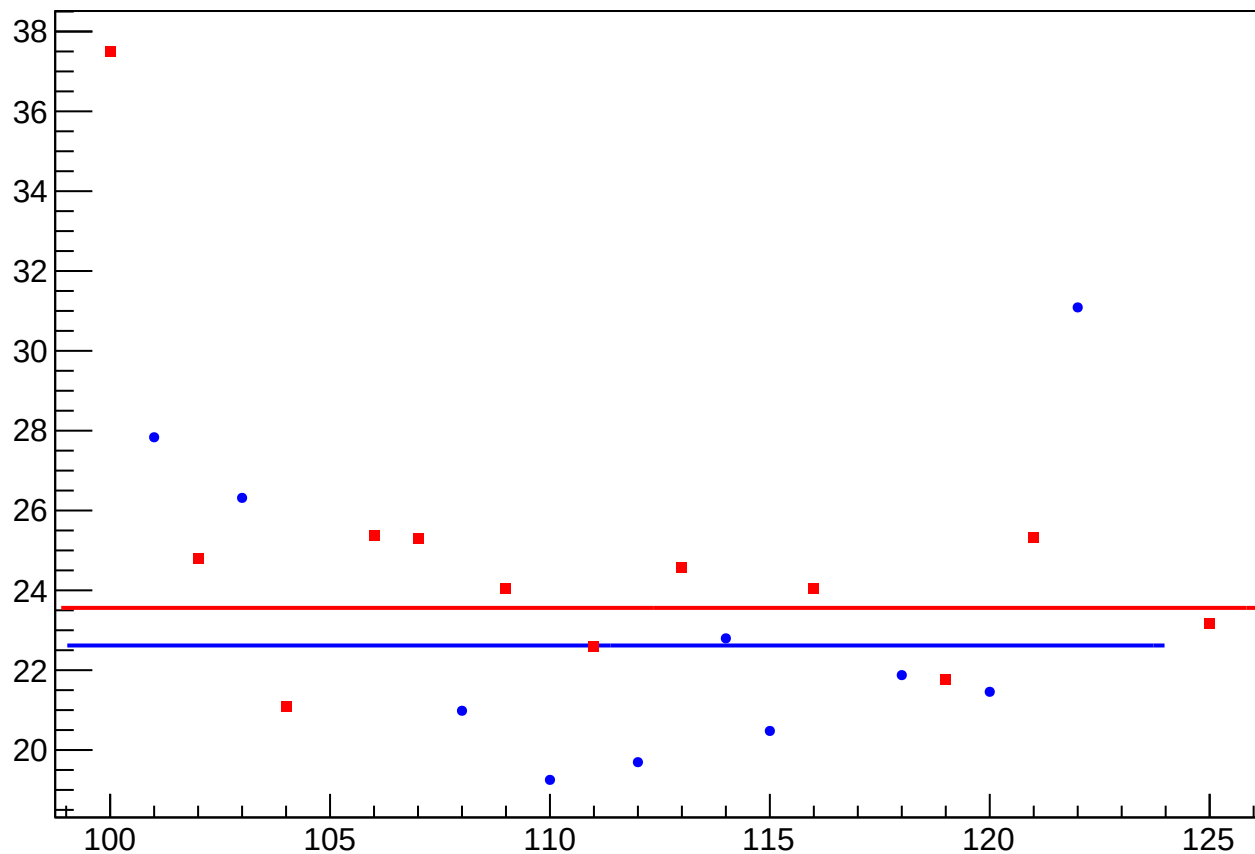
Right: 0.000 ± 0.008 χ^2/NDF : 16.5/21

In: -0.001 ± 0.012 χ^2/NDF : 4.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.008 χ^2/NDF : 16.5/21

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: 23.561+/-0.008 χ^2/NDF : 52546.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

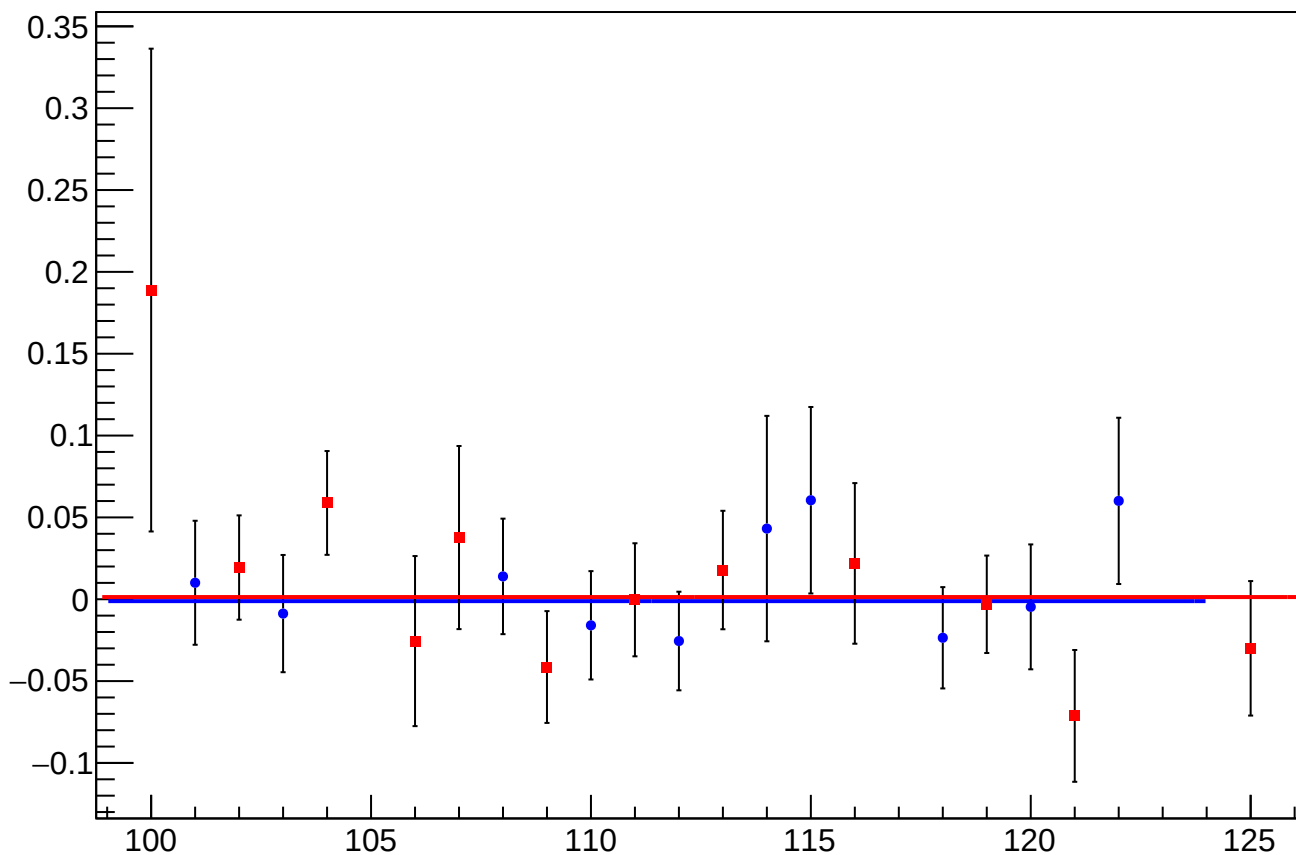
Right: 23.121+/-0.006 χ^2/NDF : 223638.7/21

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.121+/-0.006 χ^2/NDF : 223638.7/21

asym_us_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.001 ± 0.011 χ^2/NDF : 11.7/11

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

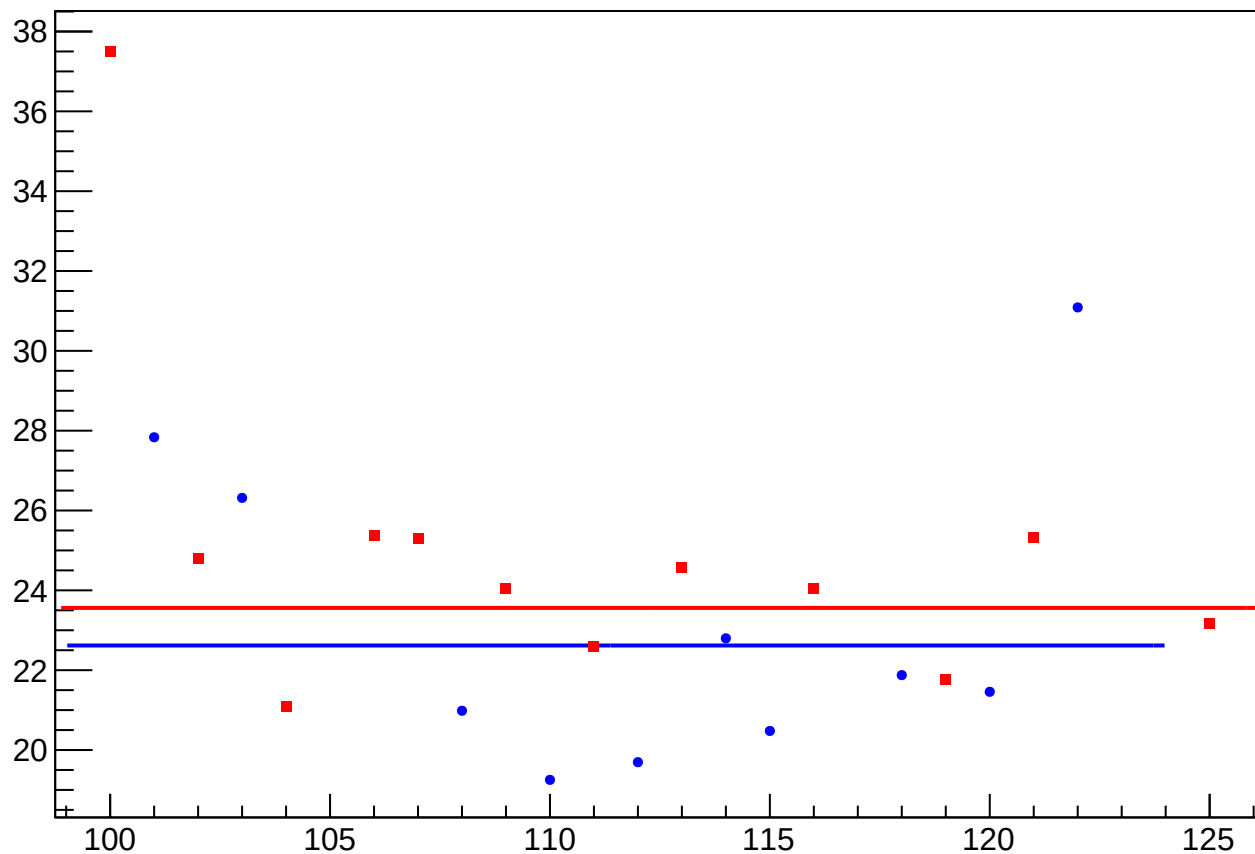
Right: 0.000 ± 0.008 χ^2/NDF : 16.5/21

In: -0.001 ± 0.012 χ^2/NDF : 4.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.008 χ^2/NDF : 16.5/21

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: 23.561+/-0.008 χ^2/NDF : 52546.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

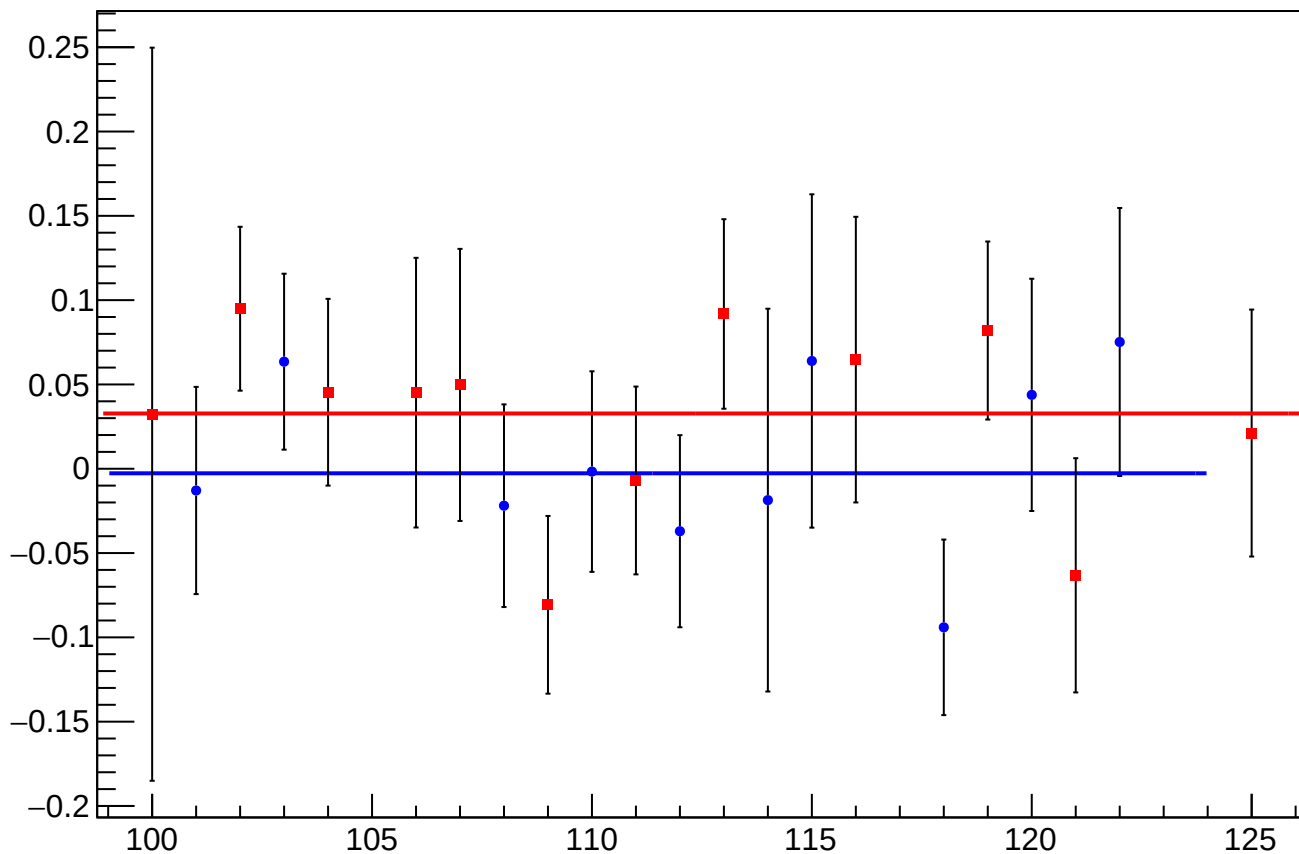
Right: 23.121+/-0.006 χ^2/NDF : 223638.7/21

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.121+/-0.006 χ^2/NDF : 223638.7/21

asym_us_dd_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.033+/-0.018 χ^2/NDF : 10.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

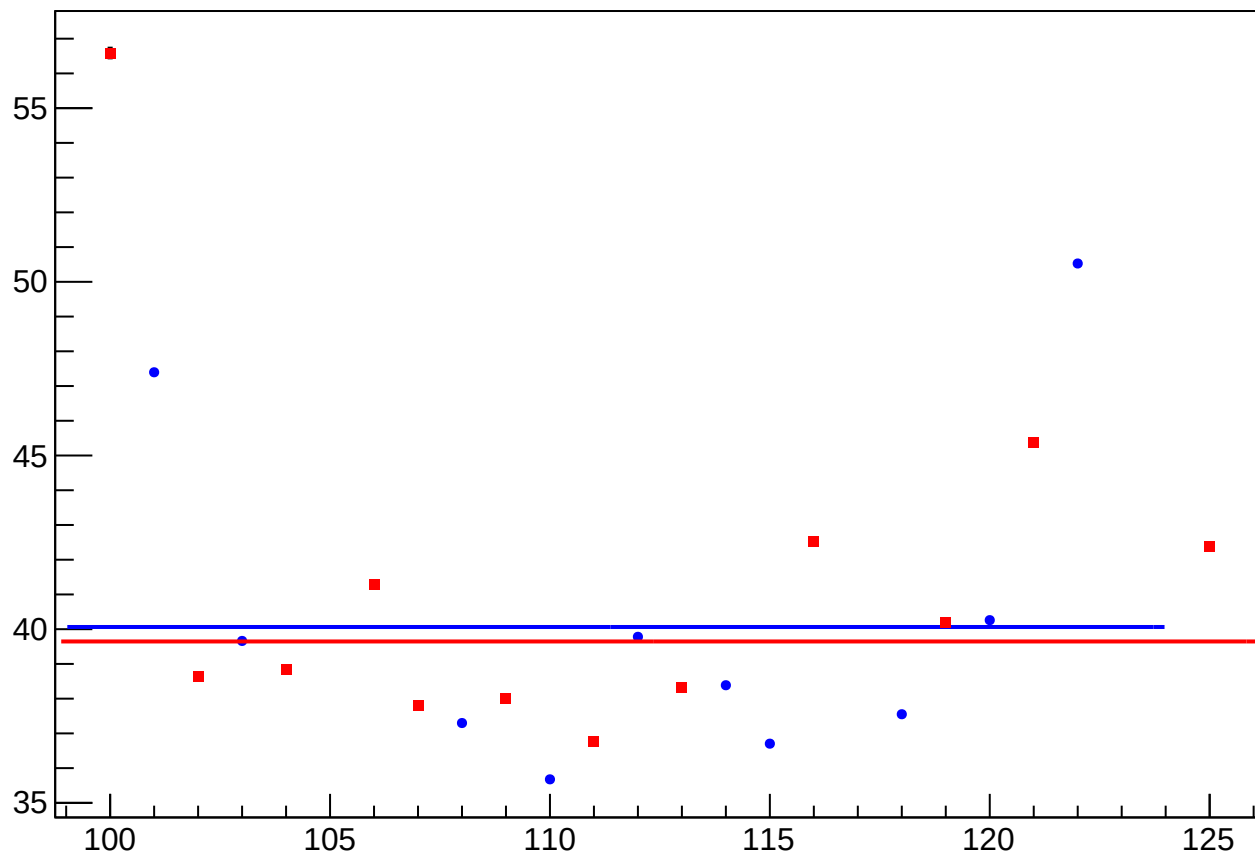
Right: 0.017+/-0.014 χ^2/NDF : 19.7/21

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 : 19.7/21

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: 39.647+/-0.013 χ^2/NDF : 42666.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

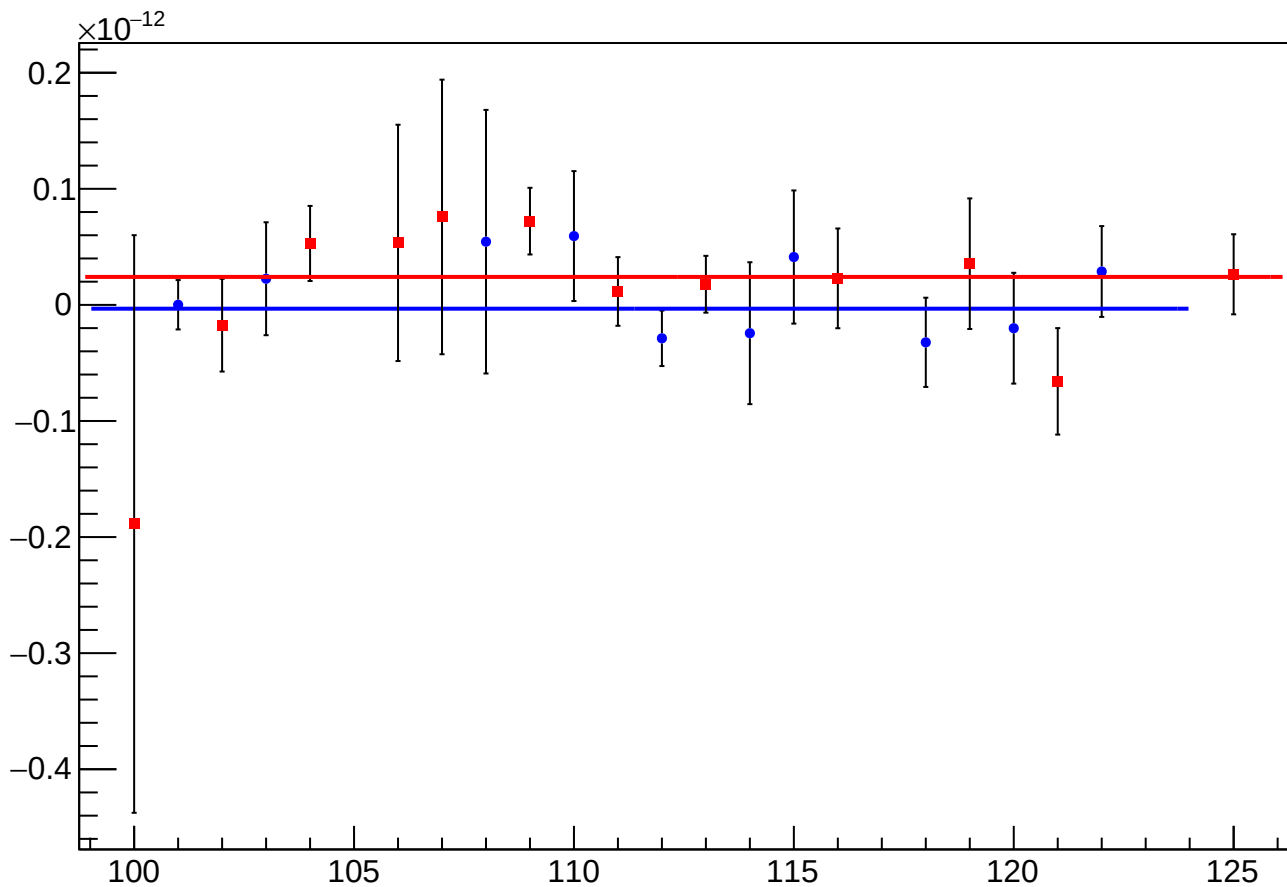
Right: 39.834+/-0.010 χ^2/NDF : 128977.4/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.834+/-0.010 χ^2/NDF : 128977.4/21

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 : 9.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

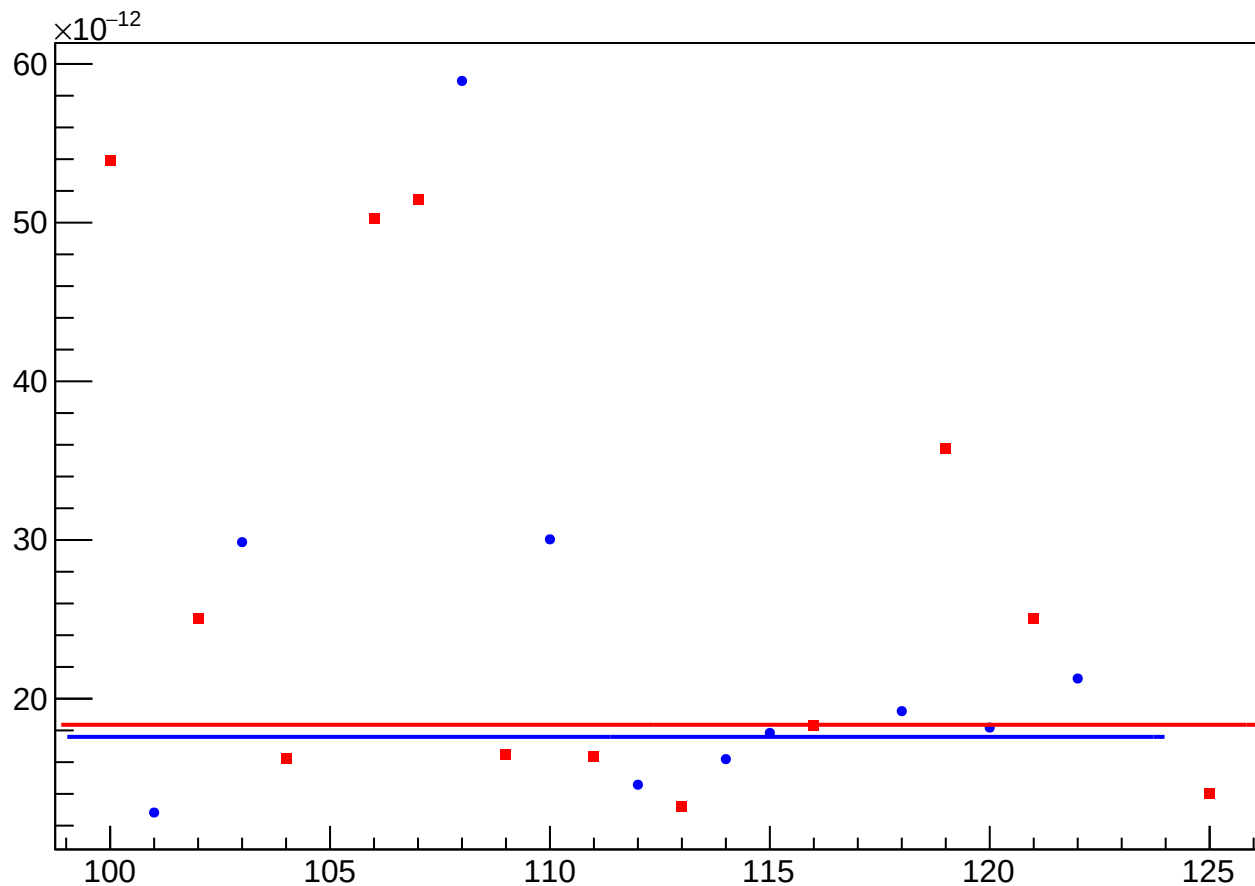
Right: 0.000+/-0.000 χ^2/NDF : 17.7/21

In: -0.000+/-0.000 χ^2/NDF : 5.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.7/21

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 : 831613.7/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

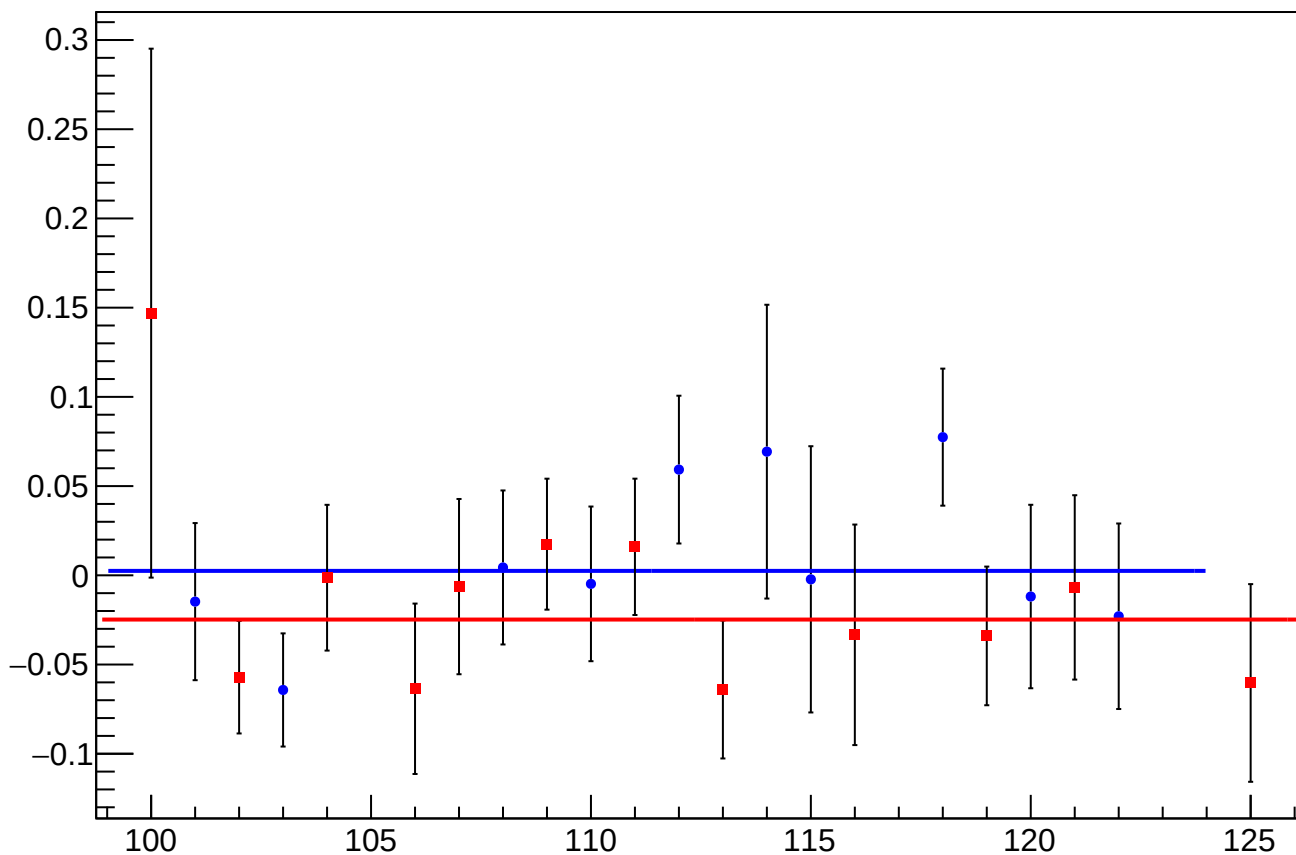
Right: 0.000+/-0.000 χ^2/NDF : 1482527.6/21

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 : 1482527.6/21

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: -0.025+/-0.013 χ^2/NDF : 7.6/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

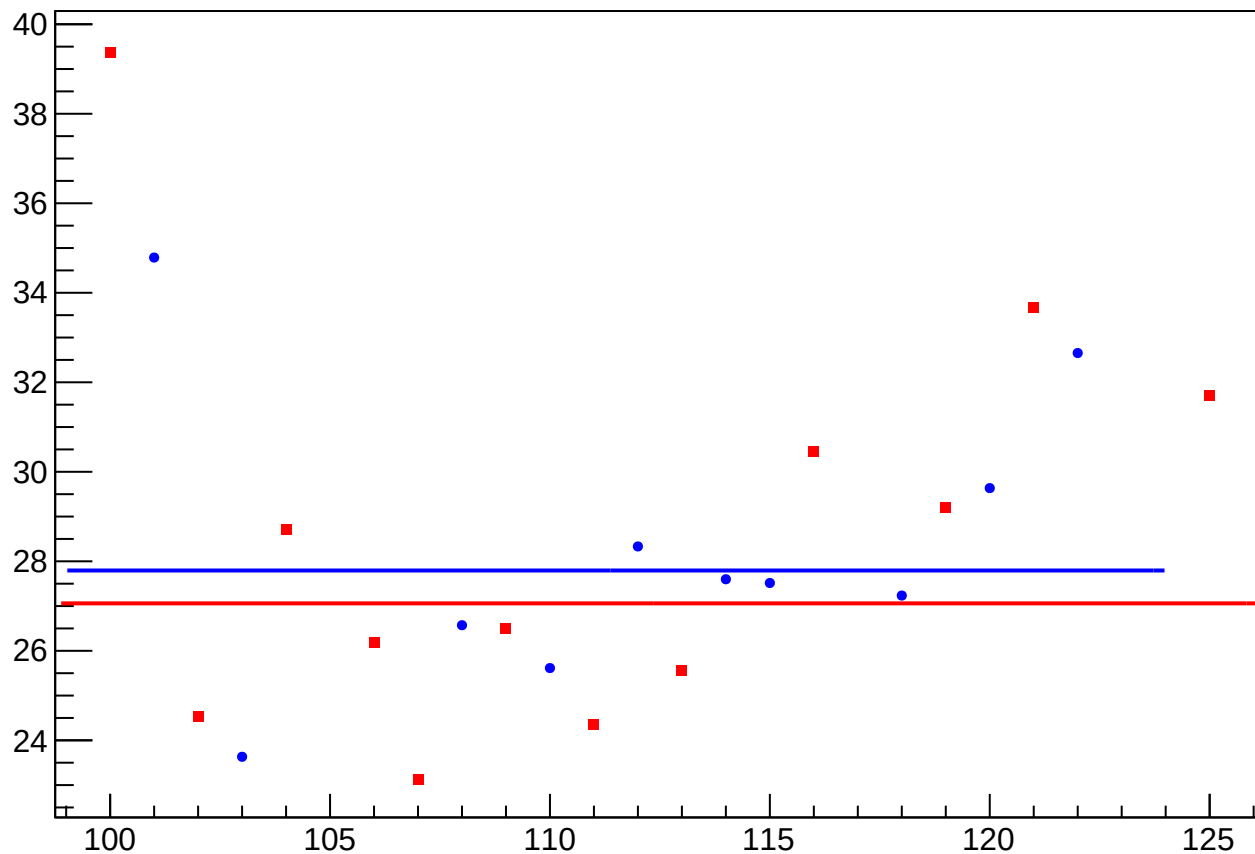
Right: -0.013+/-0.009 χ^2/NDF : 20.9/21

In: 0.002+/-0.014 χ^2/NDF : 11.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.013+/-0.009 χ^2/NDF : 20.9/21

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: 27.061+/-0.009 χ^2/NDF : 115843.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

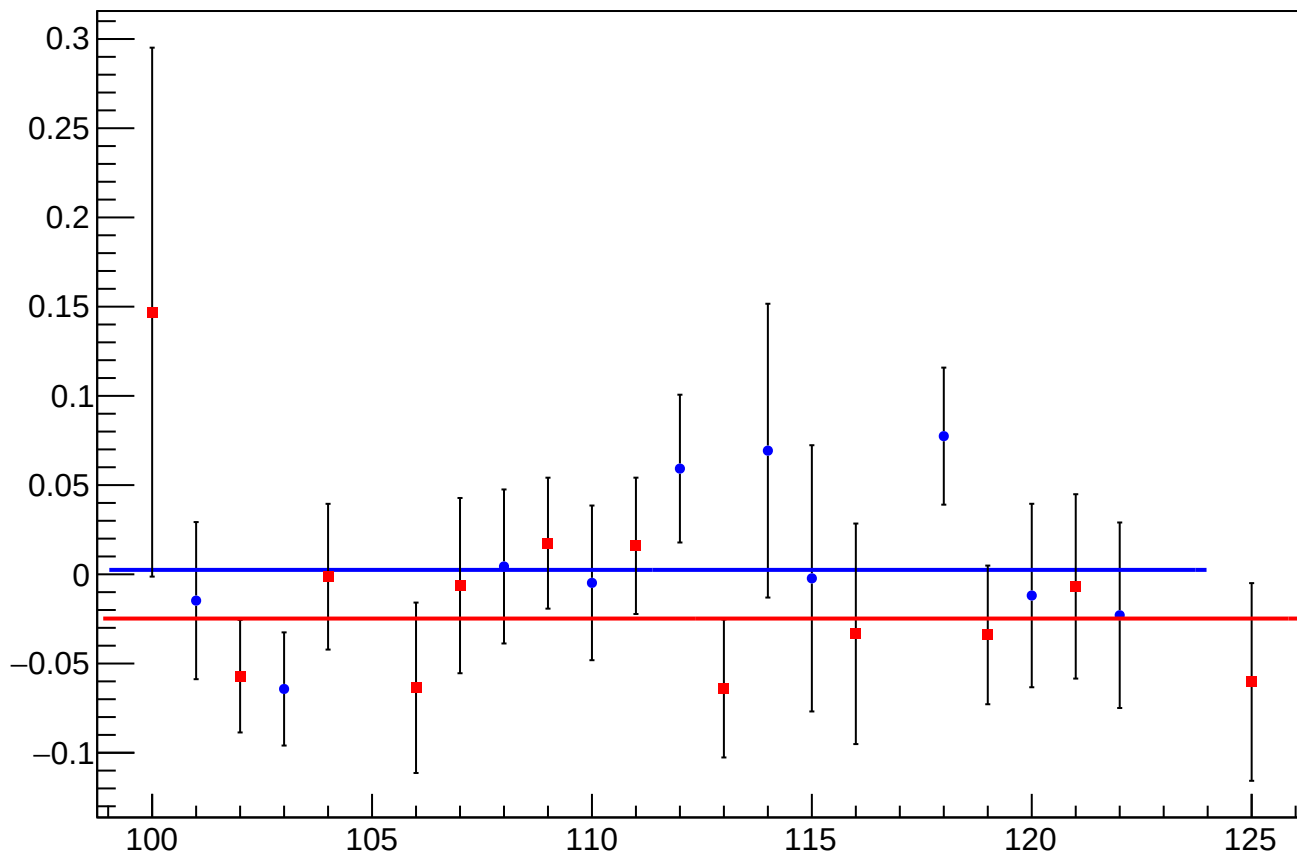
Right: 27.385+/-0.007 χ^2/NDF : 231219.9/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.385+/-0.007 χ^2/NDF : 231219.9/21

asym_us_dd_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.025+/-0.013 χ^2/NDF : 7.6/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

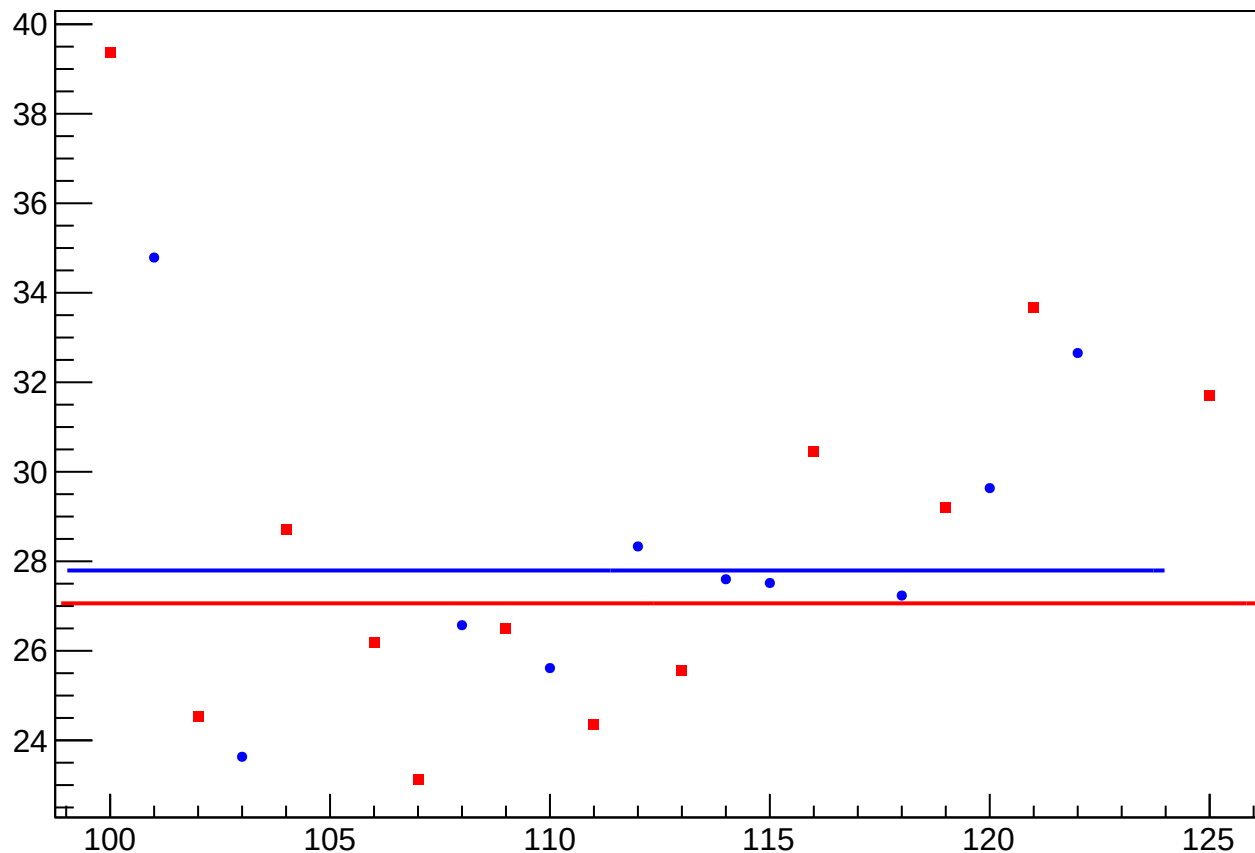
Right: -0.013+/-0.009 χ^2/NDF : 20.9/21

In: 0.002+/-0.014 χ^2/NDF : 11.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.013+/-0.009 χ^2/NDF : 20.9/21

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: 27.061+/-0.009 χ^2/NDF : 115843.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

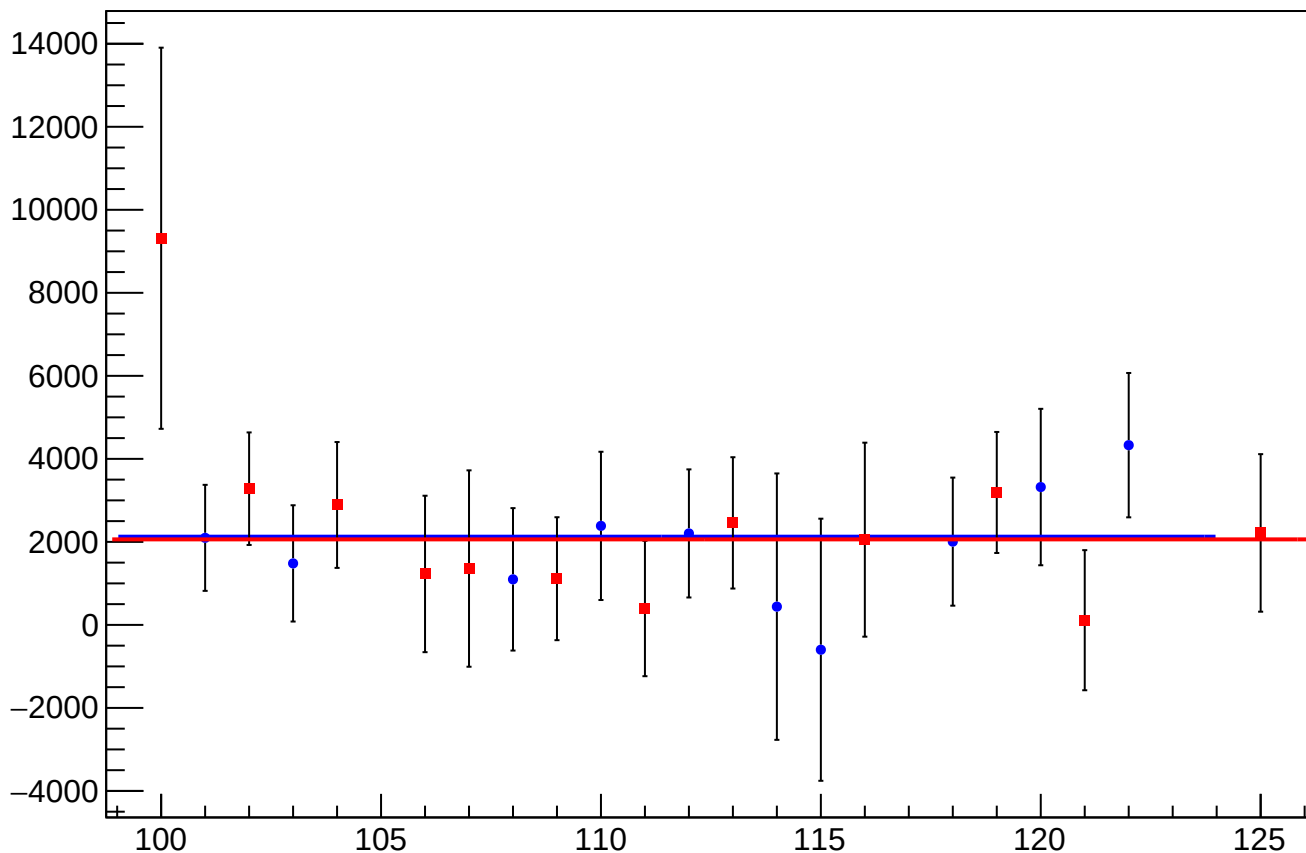
Right: 27.385+/-0.007 χ^2/NDF : 231219.9/21

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 27.385+/-0.007 χ^2/NDF : 231219.9/21

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: 2060.236+/-499.926 χ^2/NDF : 7.3/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

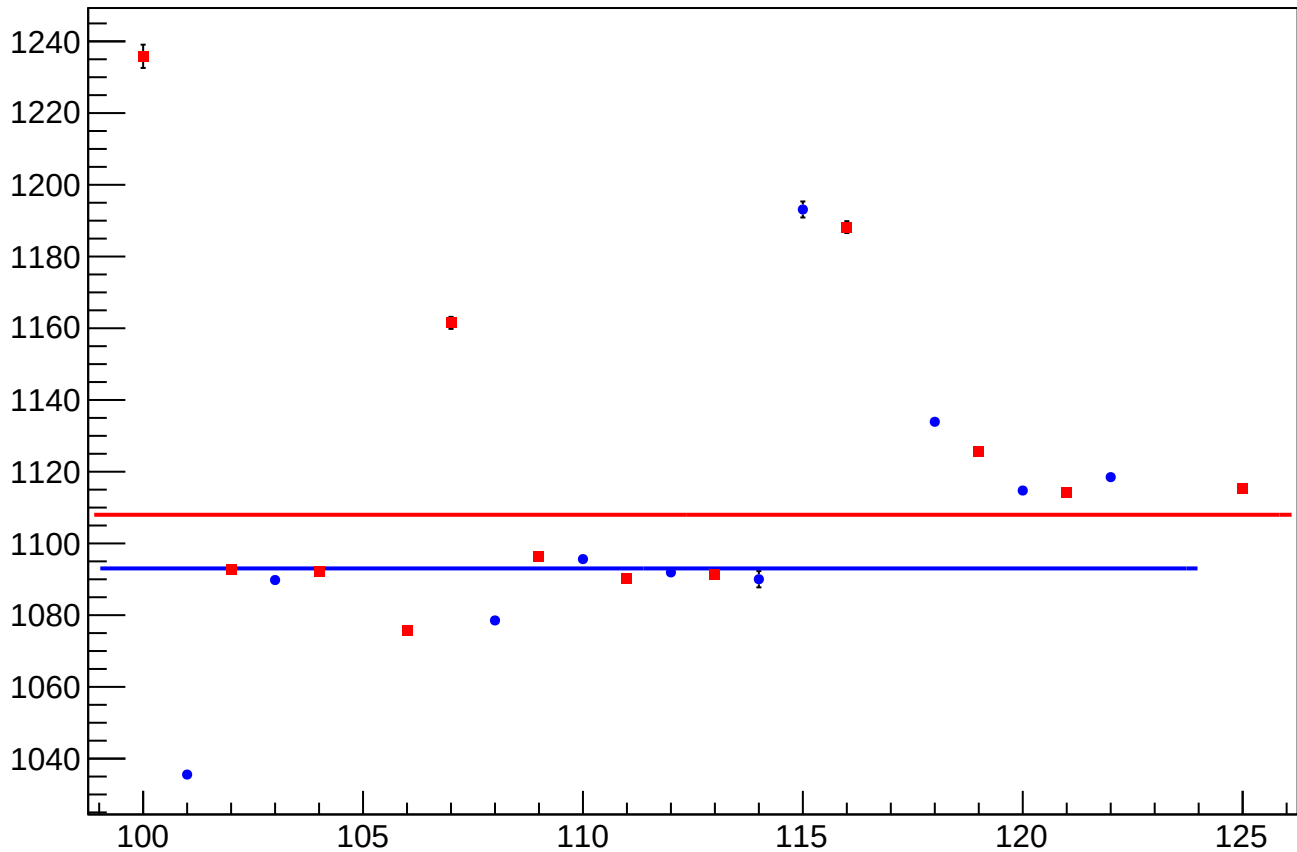
Right: 2090.078+/-366.932 χ^2/NDF : 11.0/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2090.078+/-366.932 χ^2/NDF : 11.0/21

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: 1107.992+/-0.354 χ^2/NDF : 6915.4/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

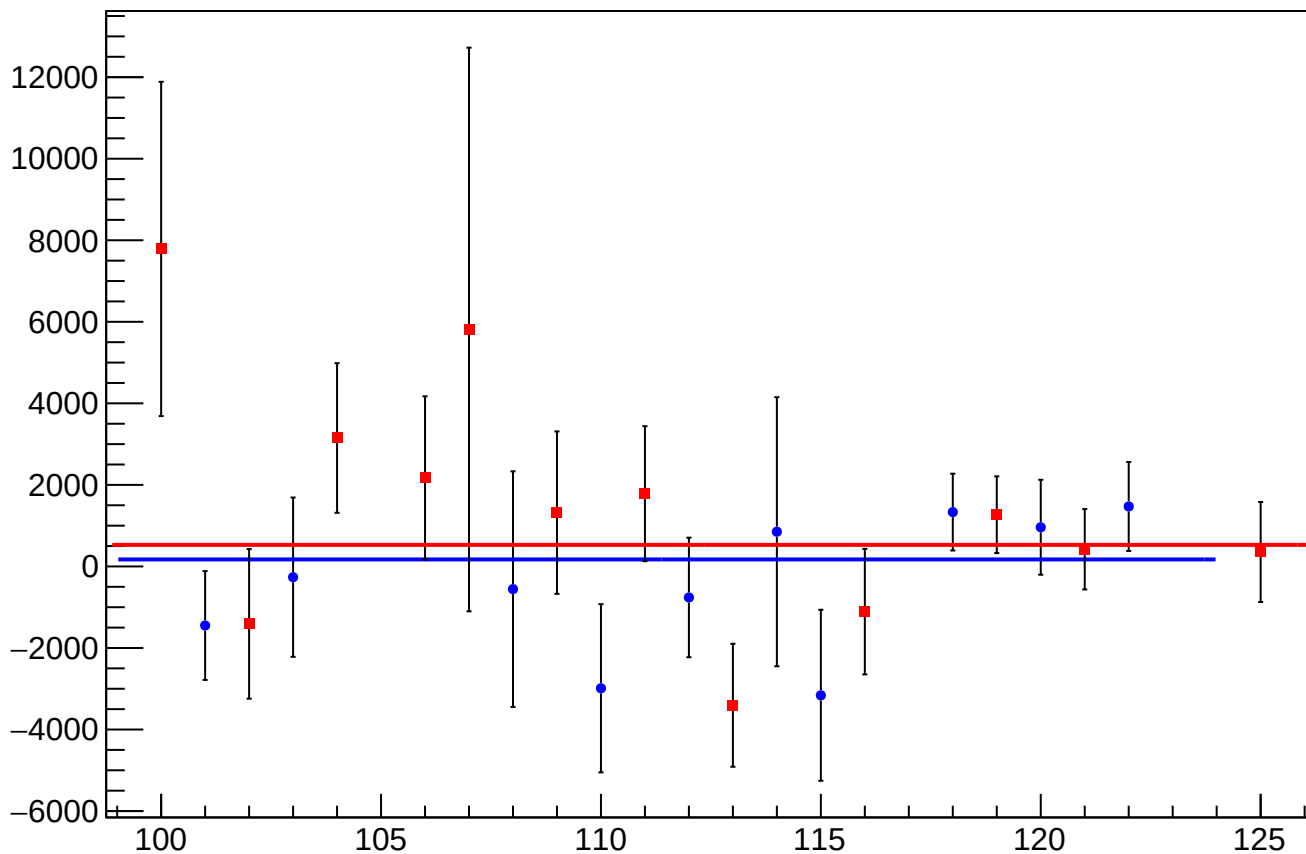
Right: 1101.091+/-0.259 χ^2/NDF : 16063.0/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1101.091+/-0.259 χ^2/NDF : 16063.0/21

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: 528.568+/-437.539 χ^2/NDF : 16.9/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

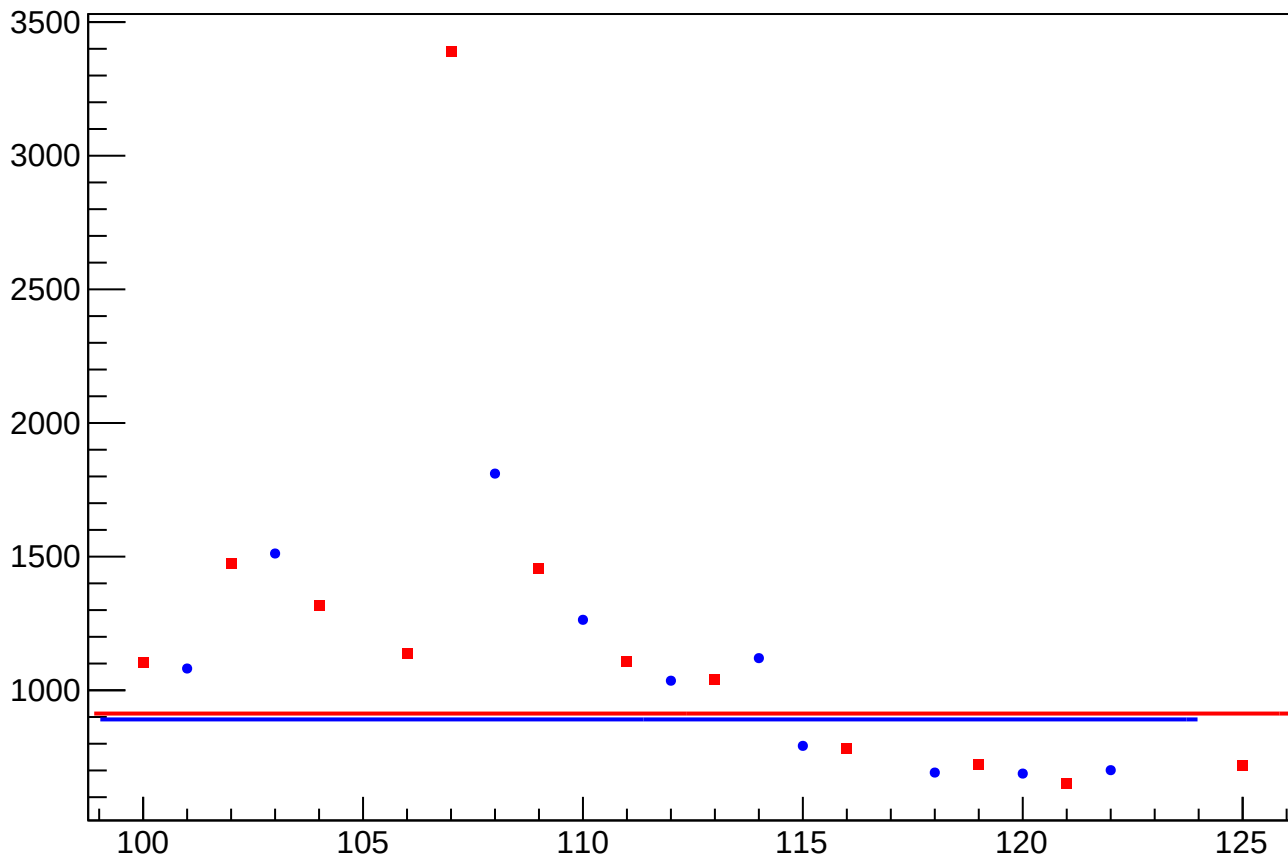
Right: 360.217+/-317.957 χ^2/NDF : 27.5/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 360.217+/-317.957 χ^2/NDF : 27.5/21

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: 912.891+/-0.309 χ^2/NDF : 1046680.1/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

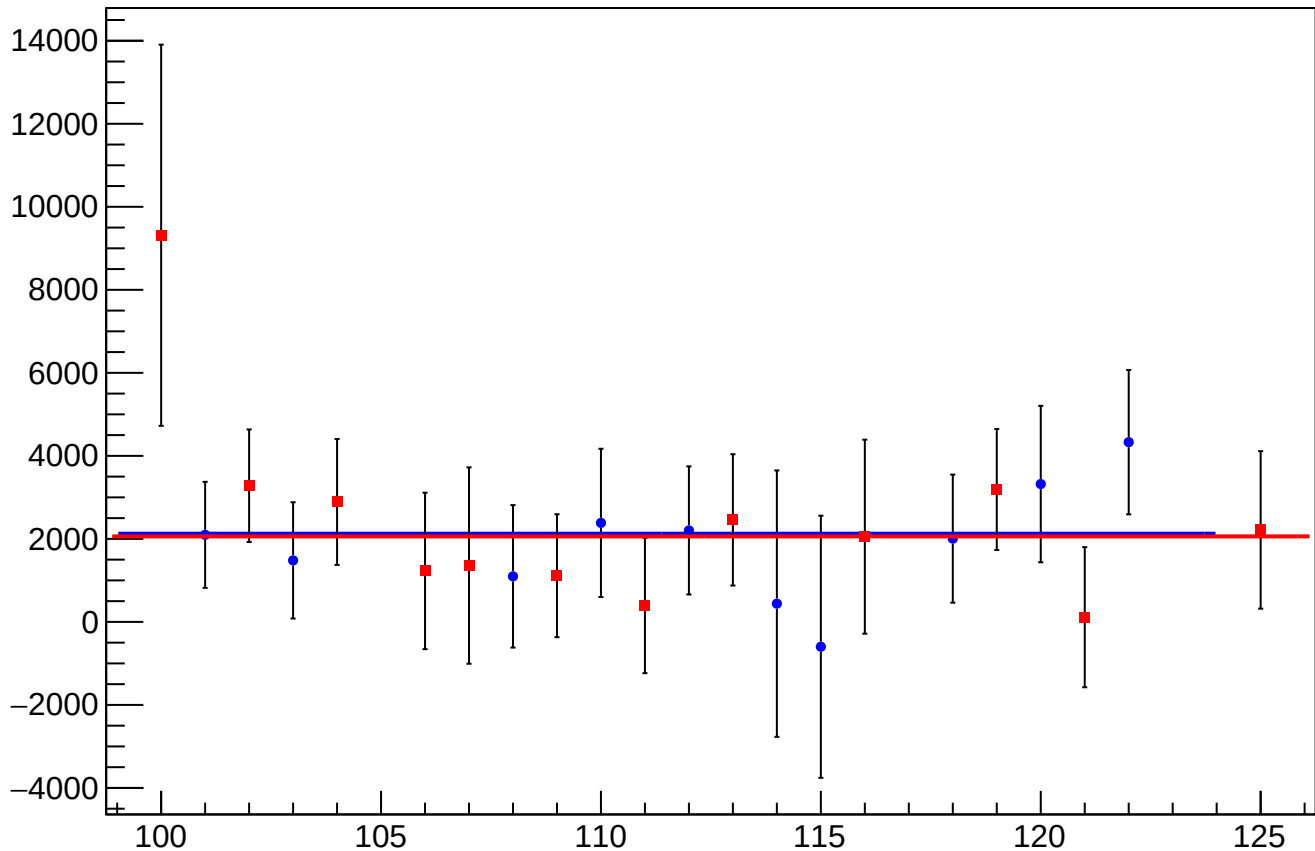
Right: 902.530+/-0.225 χ^2/NDF : 1803522.2/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 902.530+/-0.225 χ^2/NDF : 1803522.2/21

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: 2060.236+/-499.926 χ^2/NDF : 7.3/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

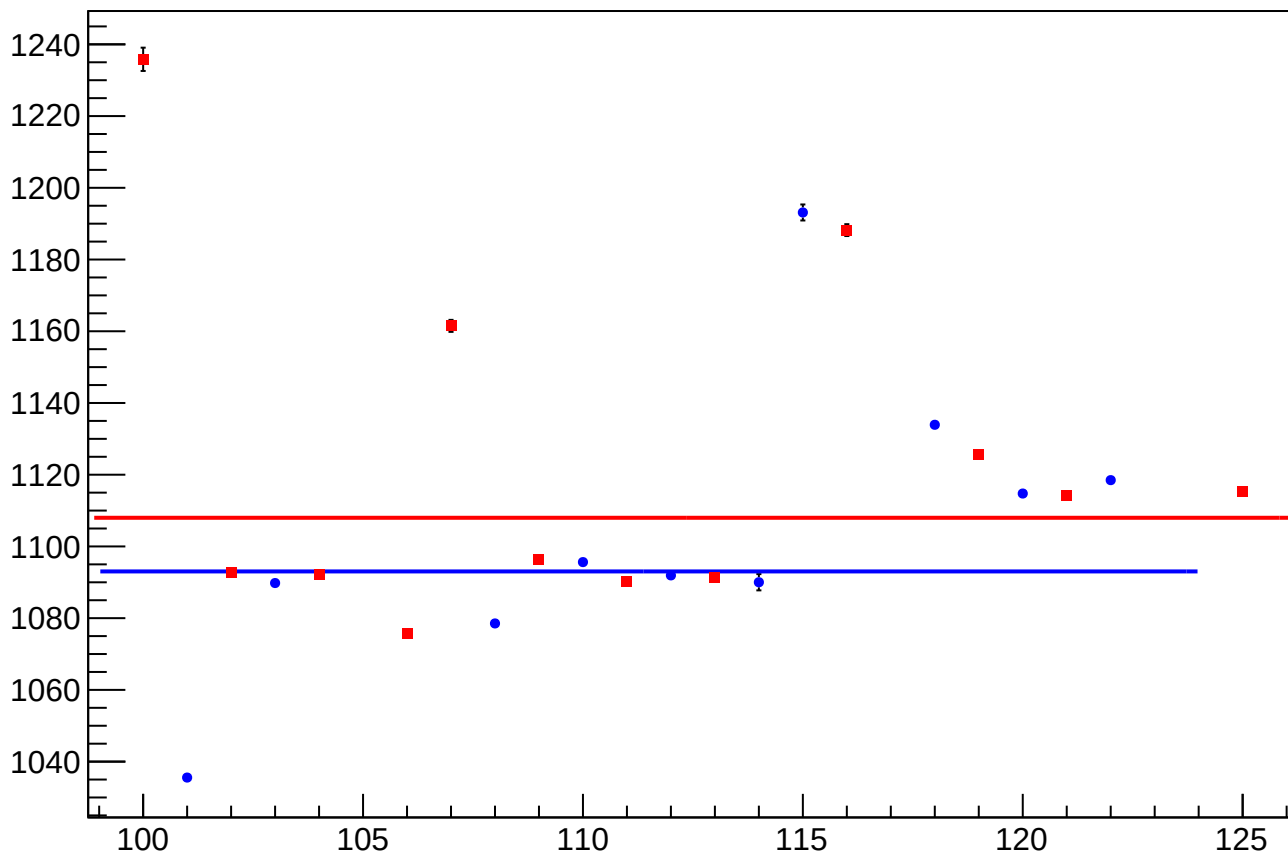
Right: 2090.078+/-366.932 χ^2/NDF : 11.0/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2090.078+/-366.932 χ^2/NDF : 11.0/21

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: 1107.992+/-0.354 χ^2/NDF : 6915.4/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

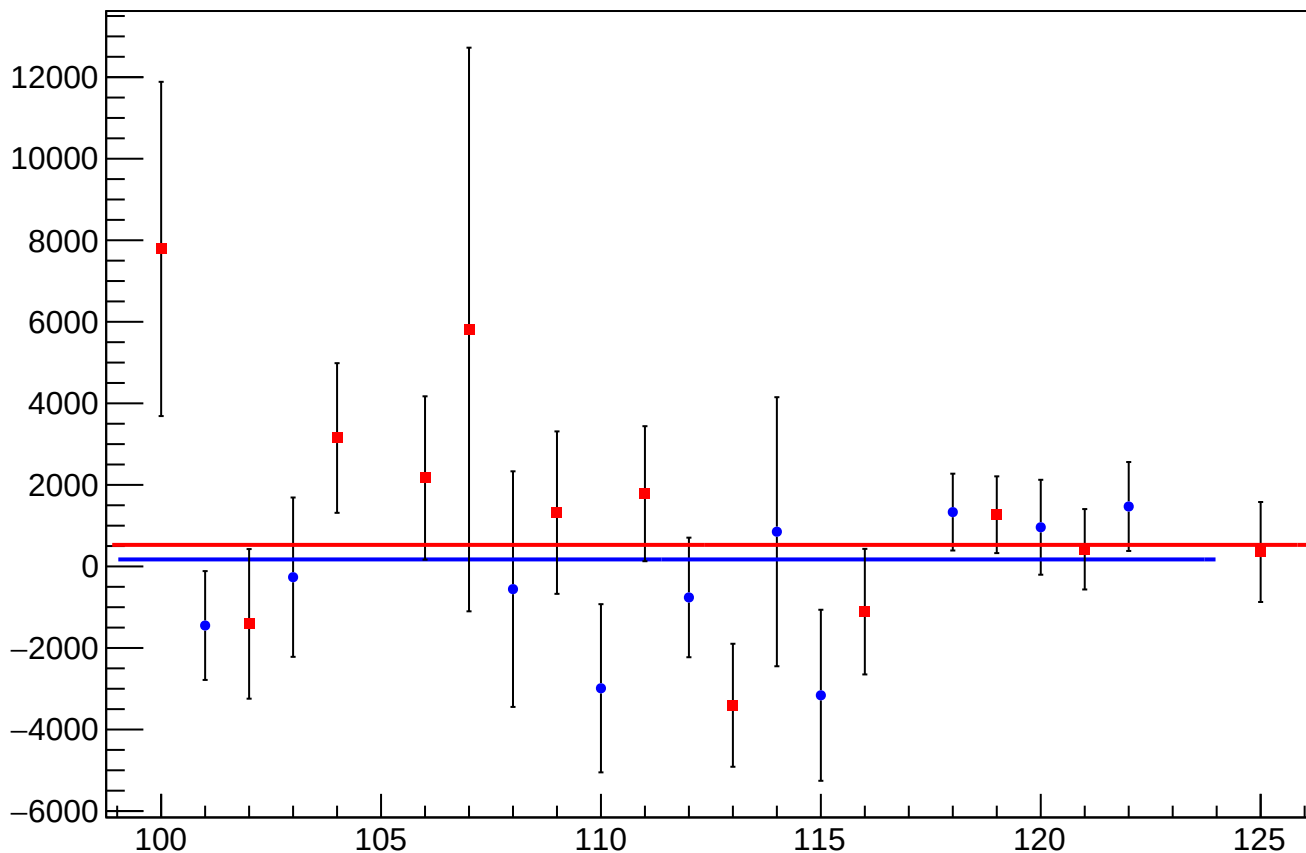
Right: 1101.091+/-0.259 χ^2/NDF : 16063.0/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1101.091+/-0.259 χ^2/NDF : 16063.0/21

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: 528.568+/-437.539 χ^2/NDF : 16.9/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

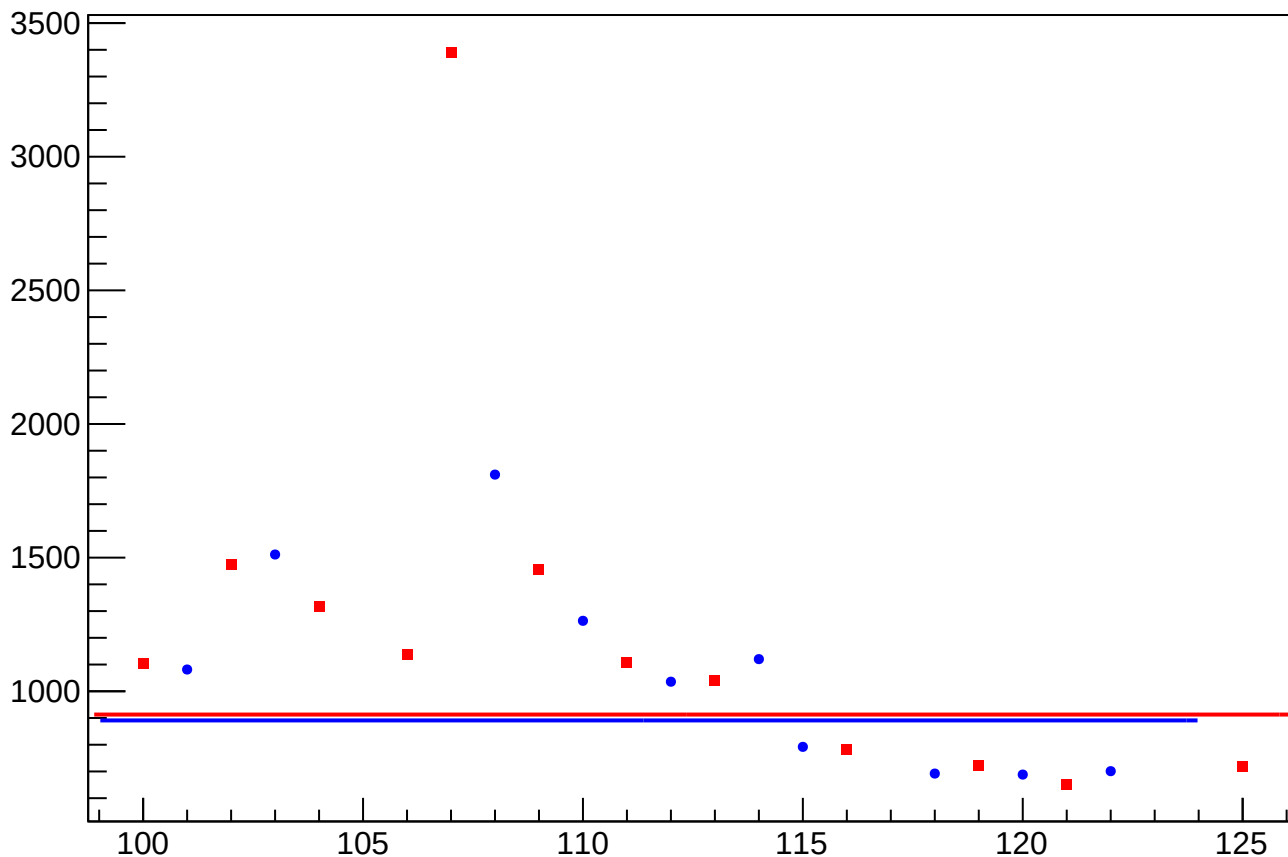
Right: 360.217+/-317.957 χ^2/NDF : 27.5/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 360.217+/-317.957 χ^2/NDF : 27.5/21

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: 912.891+/-0.309 χ^2/NDF : 1046680.1/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

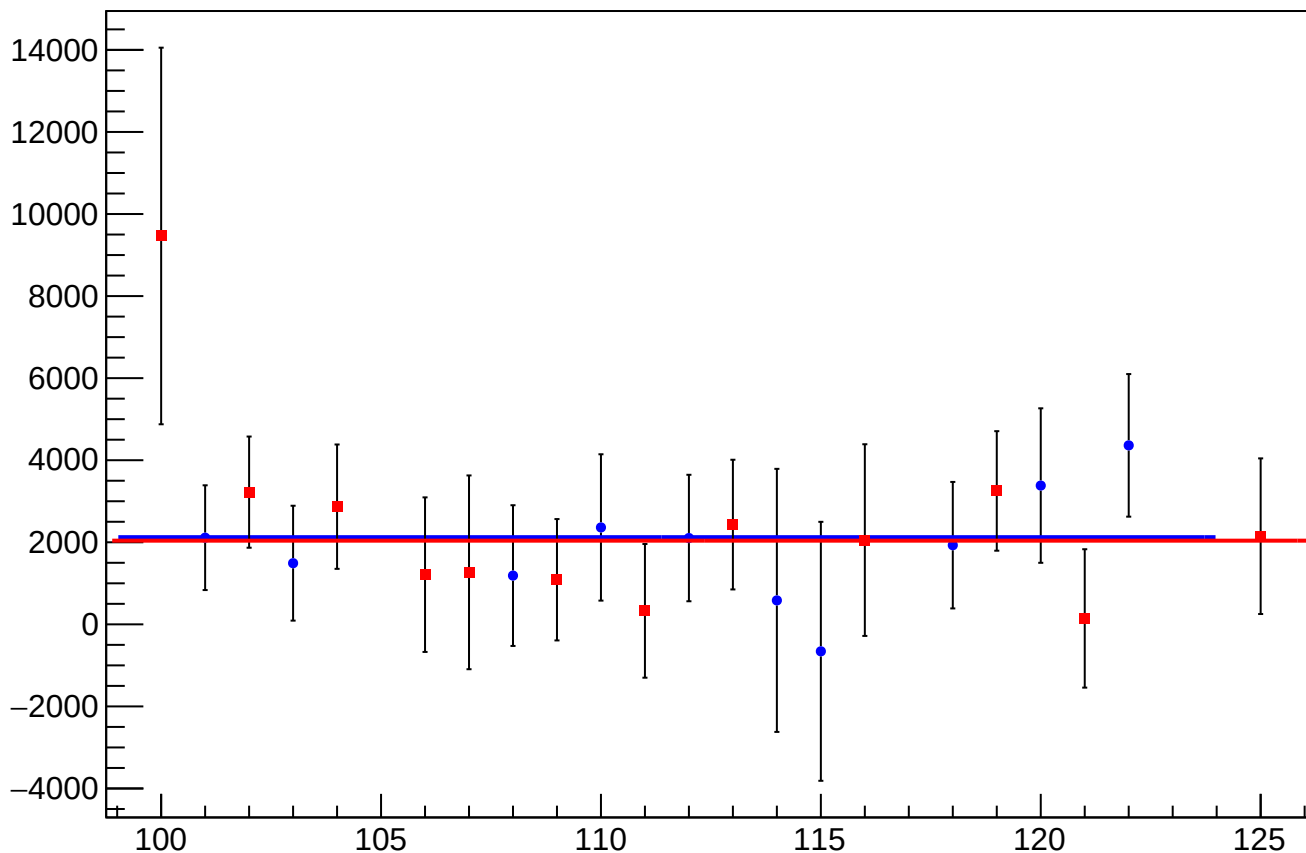
Right: 902.530+/-0.225 χ^2/NDF : 1803522.2/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 902.530+/-0.225 χ^2/NDF : 1803522.2/21

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: 2039.519+/-499.512 χ^2/NDF : 7.5/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

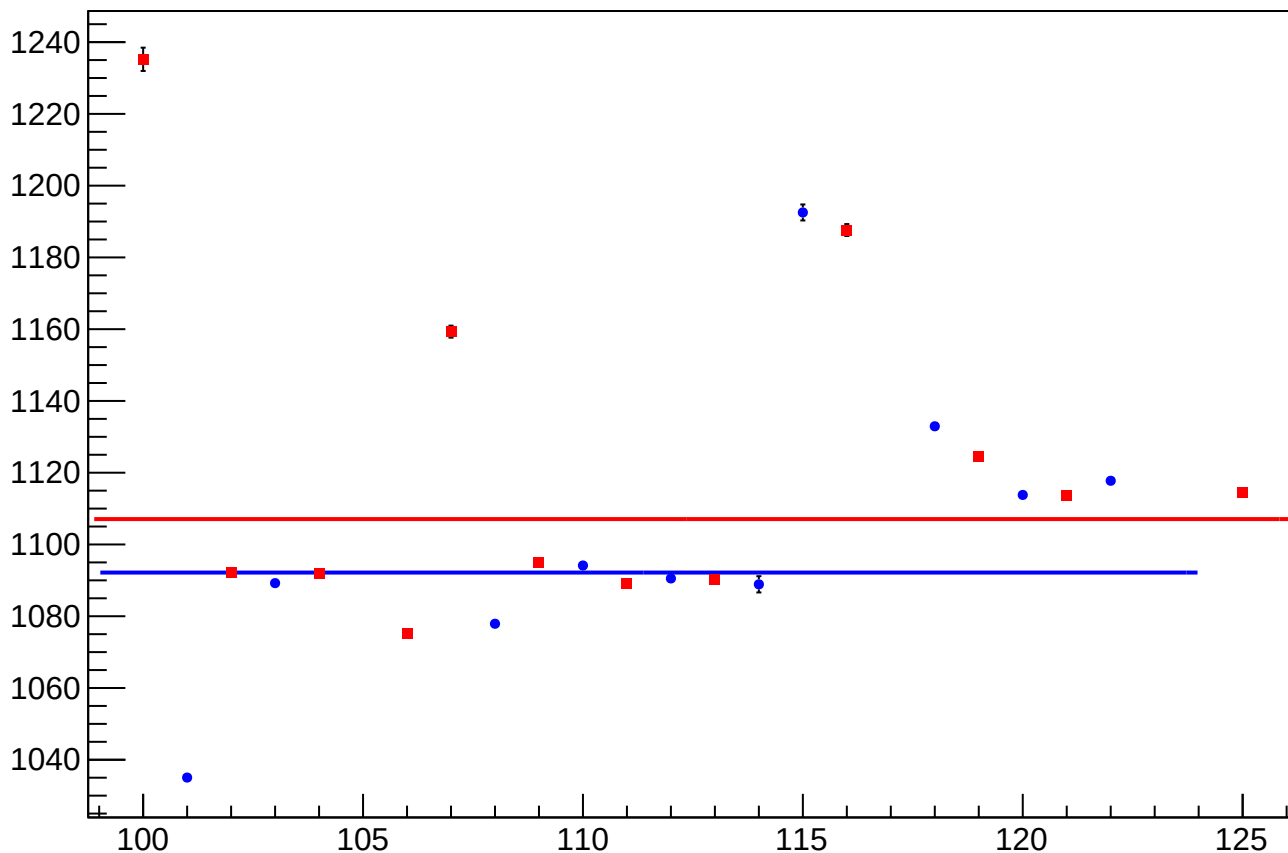
Right: 2078.860+/-366.635 χ^2/NDF : 11.2/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2078.860+/-366.635 χ^2/NDF : 11.2/21

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: 1107.077+/-0.353 χ^2/NDF : 6889.1/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

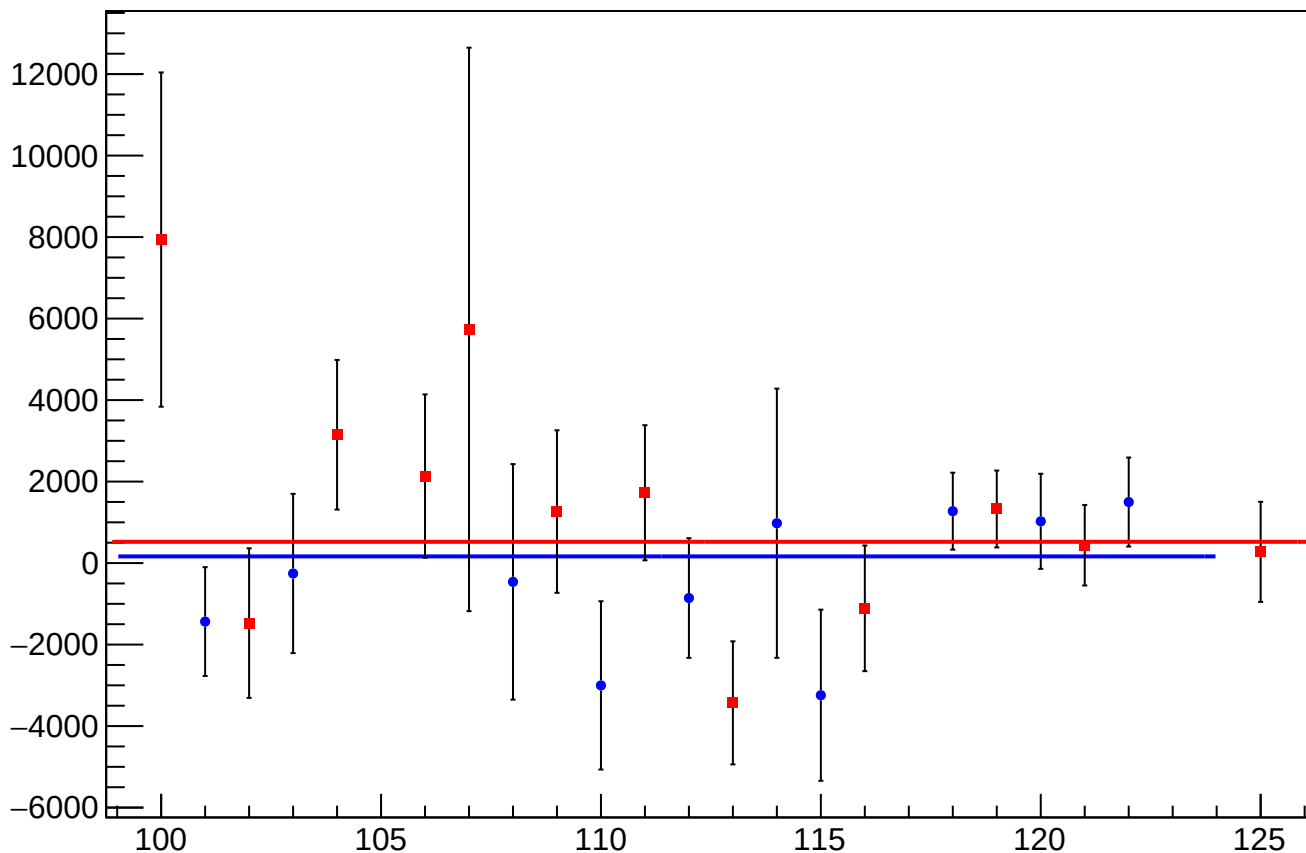
Right: 1100.202+/-0.259 χ^2/NDF : 15990.5/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1100.202+/-0.259 χ^2/NDF : 15990.5/21

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: 521.801+/-438.177 χ^2/NDF : 17.1/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

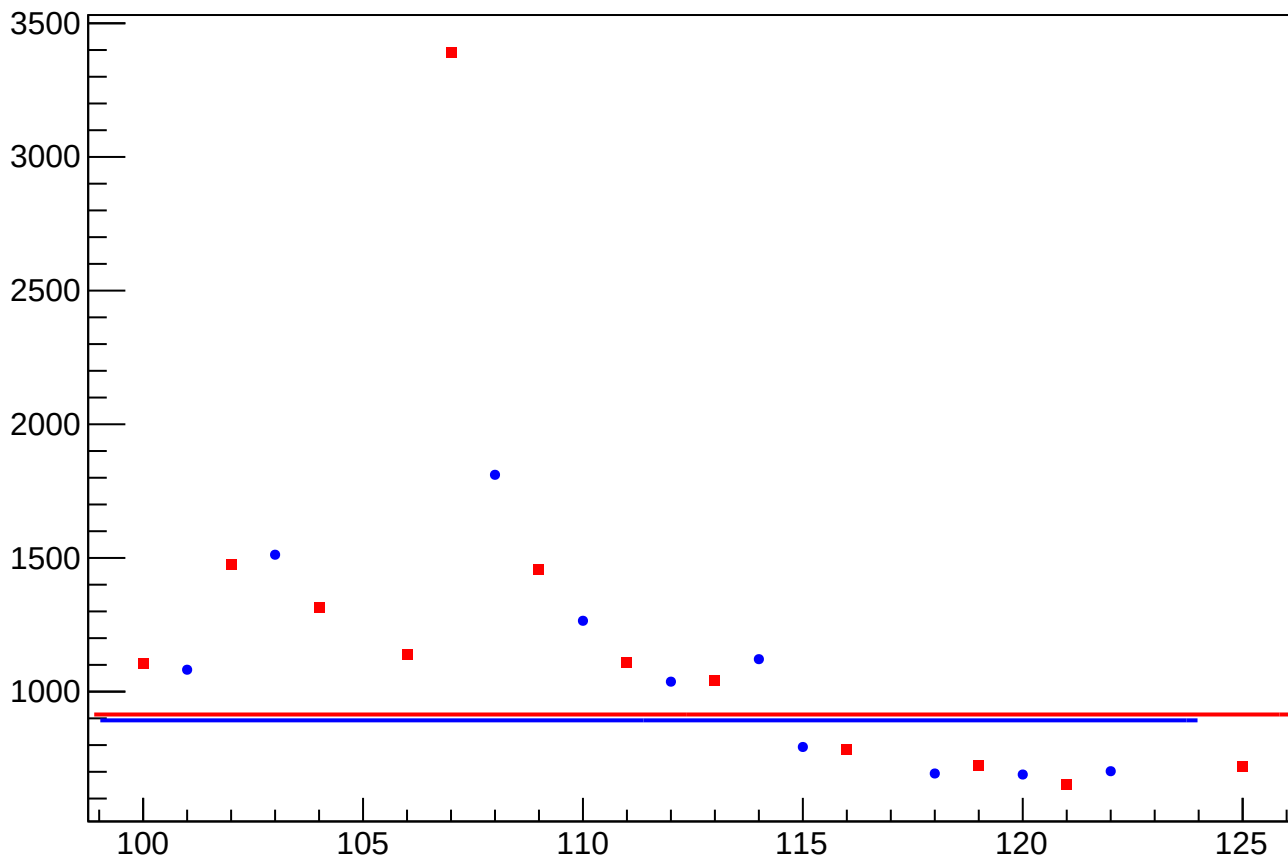
Right: 352.928+/-318.434 χ^2/NDF : 27.9/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 352.928+/-318.434 χ^2/NDF : 27.9/21

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: 914.414+/-0.310 χ^2/NDF : 1043248.3/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

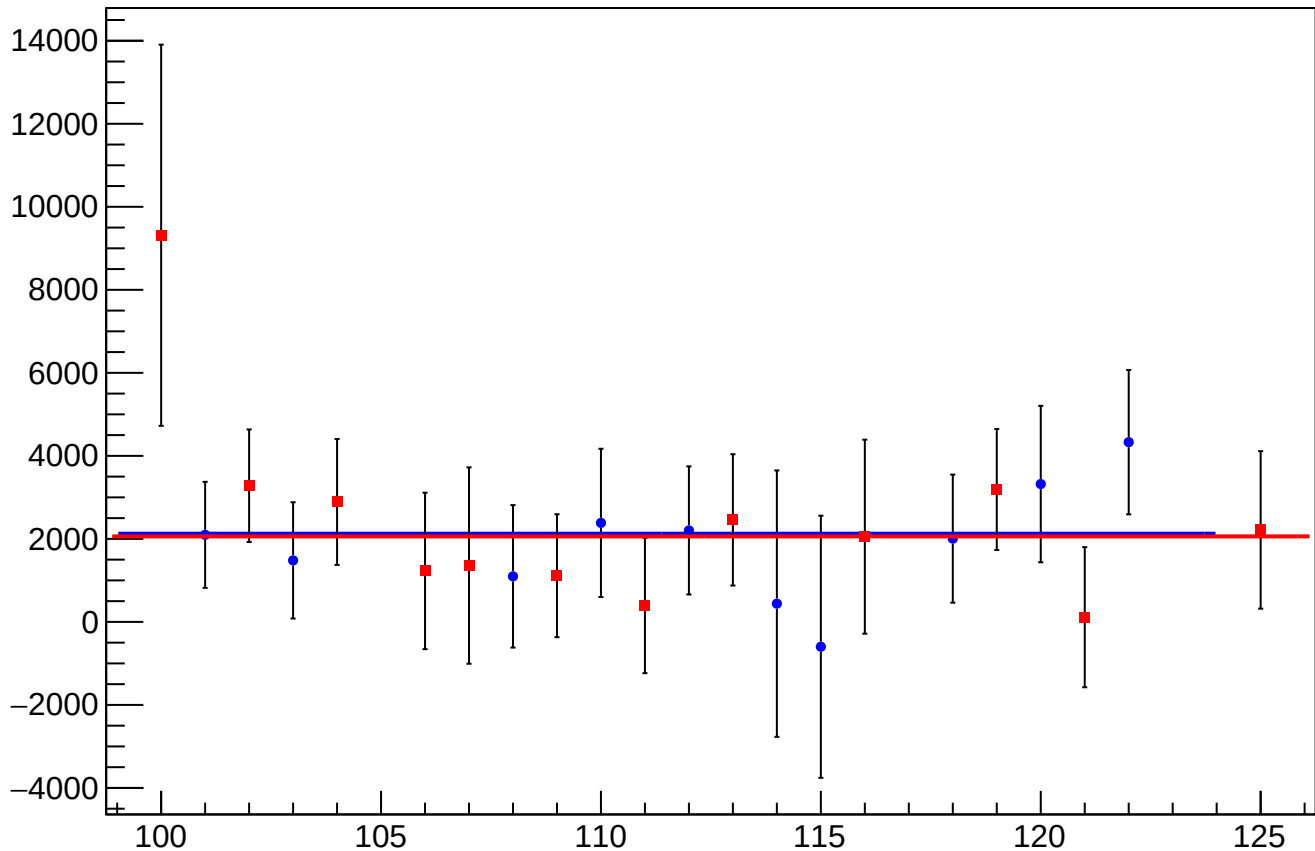
Right: 904.074+/-0.225 χ^2/NDF : 1797126.8/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 904.074+/-0.225 χ^2/NDF : 1797126.8/21

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: 2060.236+/-499.926 χ^2/NDF : 7.3/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

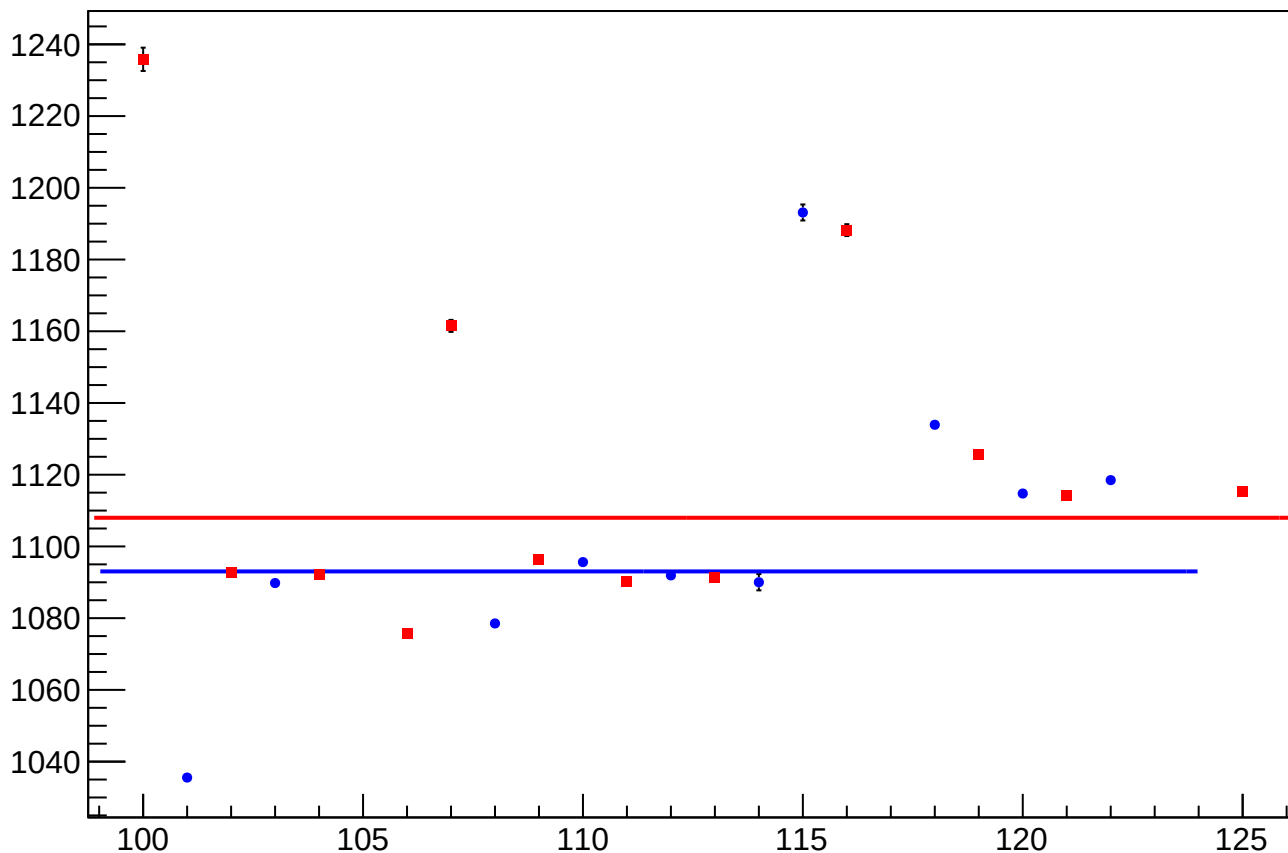
Right: 2090.078+/-366.932 χ^2/NDF : 11.0/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2090.078+/-366.932 χ^2/NDF : 11.0/21

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: 1107.992+/-0.354 χ^2/NDF : 6915.4/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

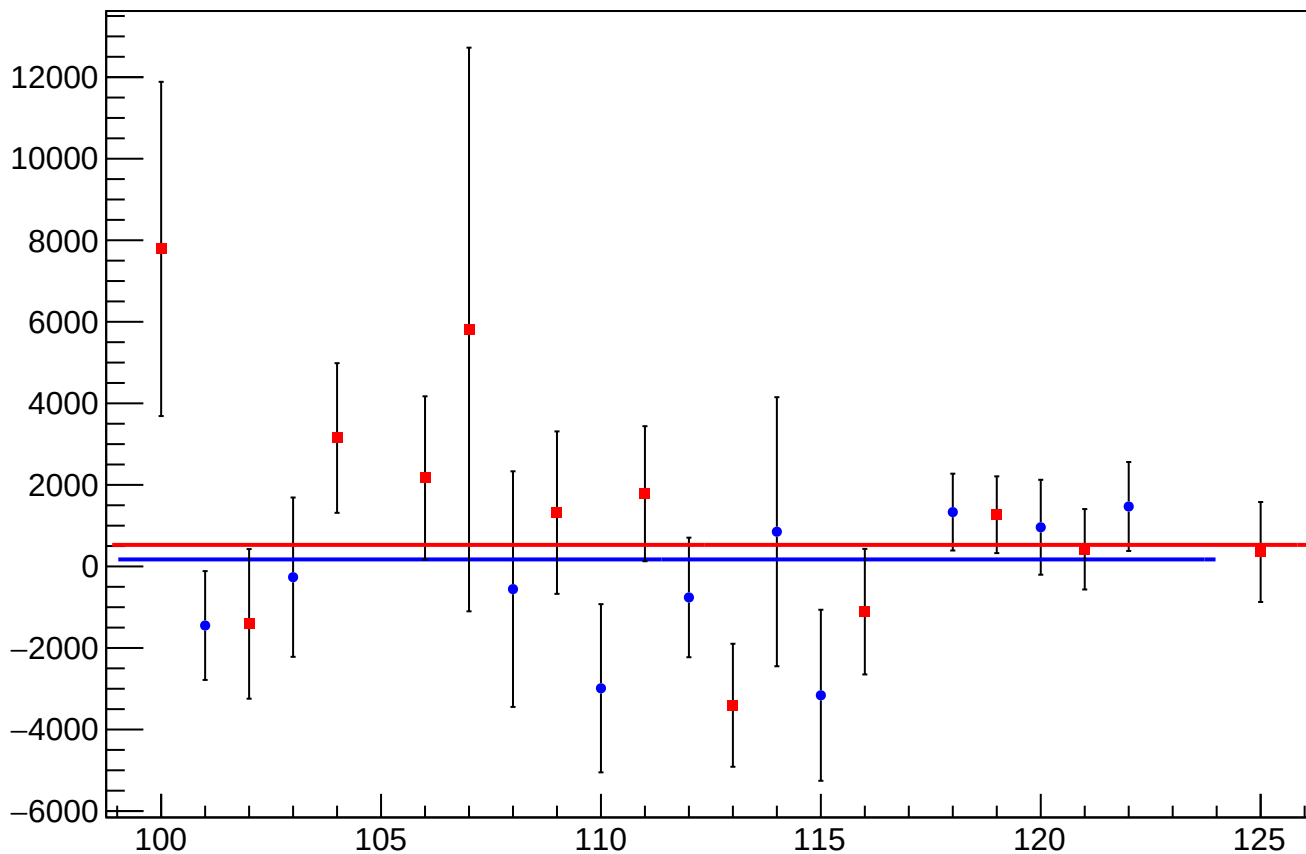
Right: 1101.091+/-0.259 χ^2/NDF : 16063.0/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1101.091+/-0.259 χ^2/NDF : 16063.0/21

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: 528.568+/-437.539 χ^2/NDF : 16.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

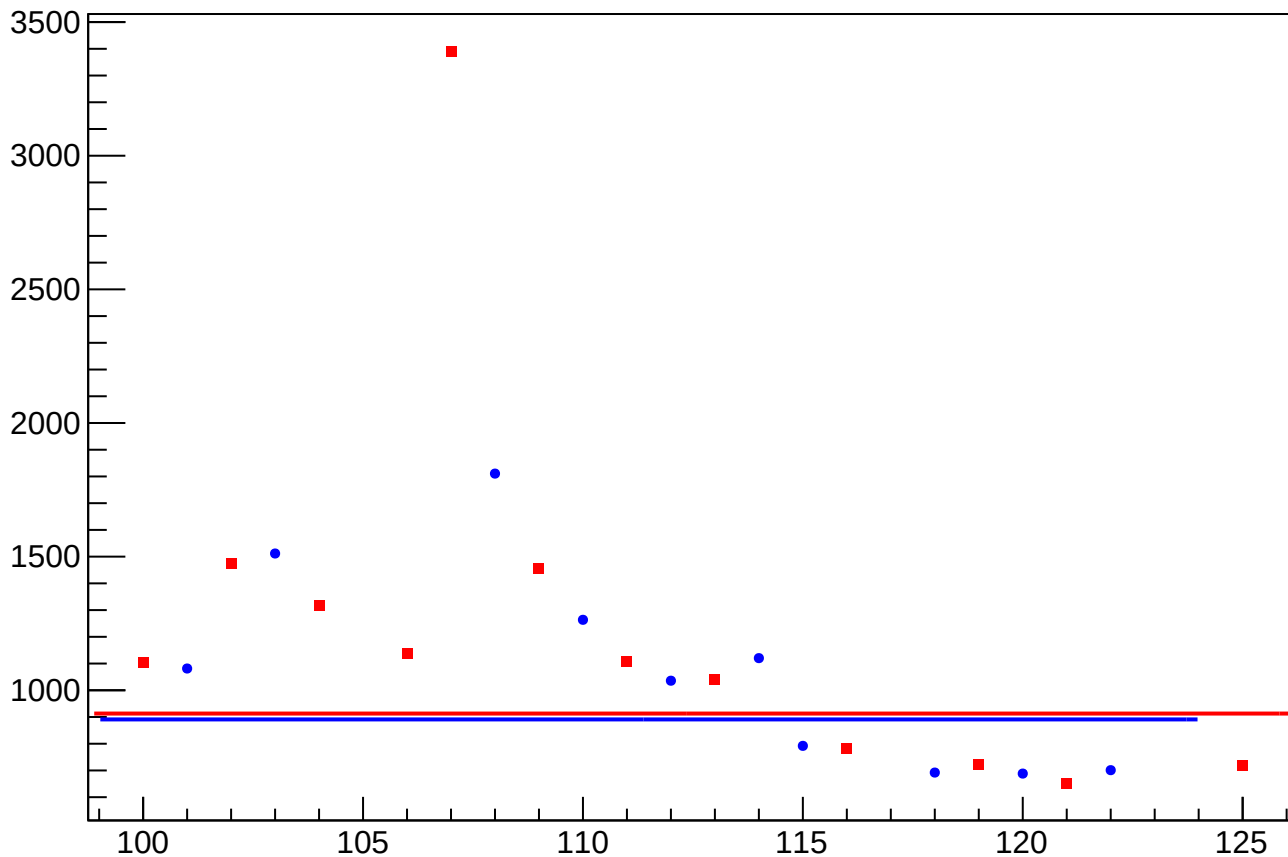
Right: 360.217+/-317.957 χ^2/NDF : 27.5/21

In: 171.829+/-462.845 χ^2/NDF :10.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 360.217+/-317.957 χ^2/NDF : 27.5/21

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: 912.891+/-0.309 χ^2/NDF : 1046680.1/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

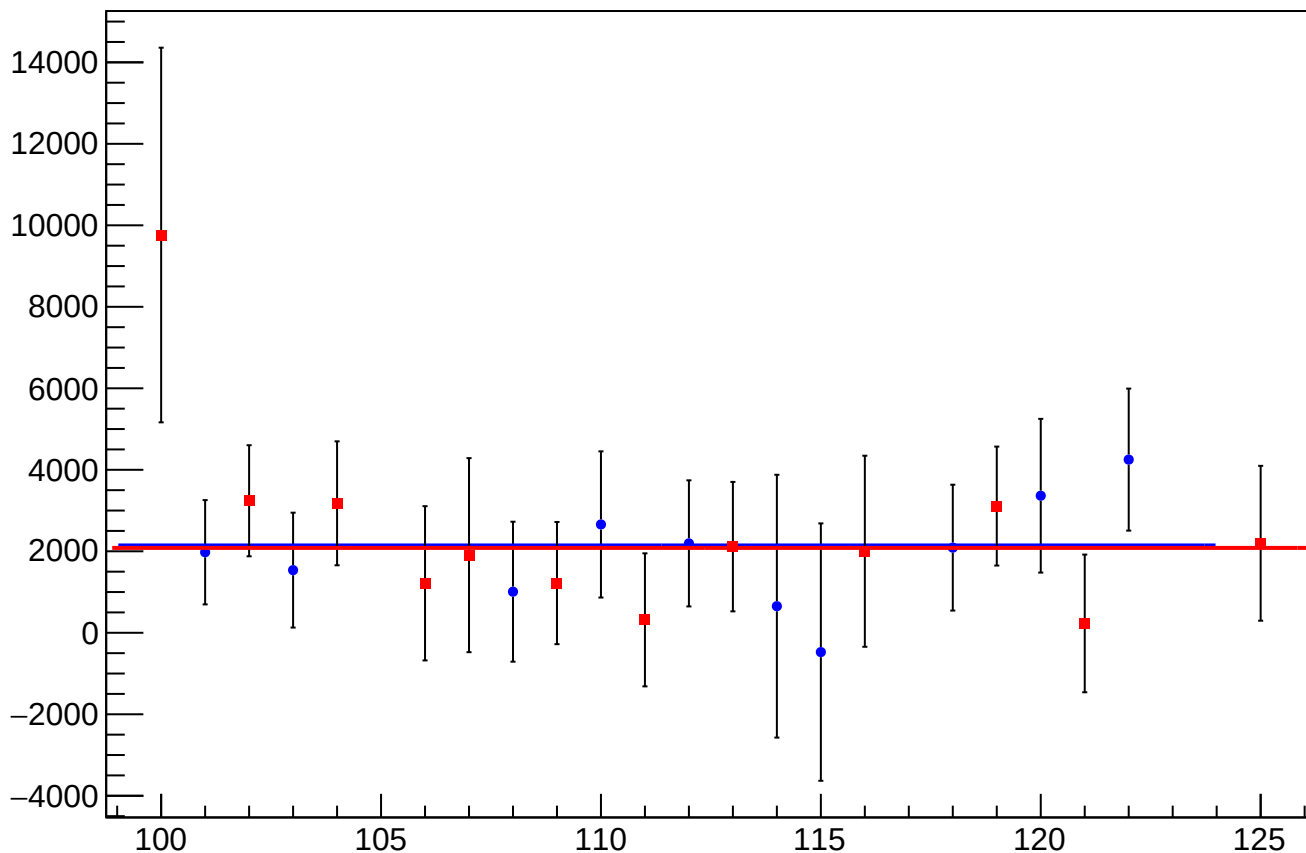
Right: 902.530+/-0.225 χ^2/NDF : 1803522.2/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 902.530+/-0.225 χ^2/NDF : 1803522.2/21

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: 2083.160+/-501.999 χ^2/NDF : 7.4/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

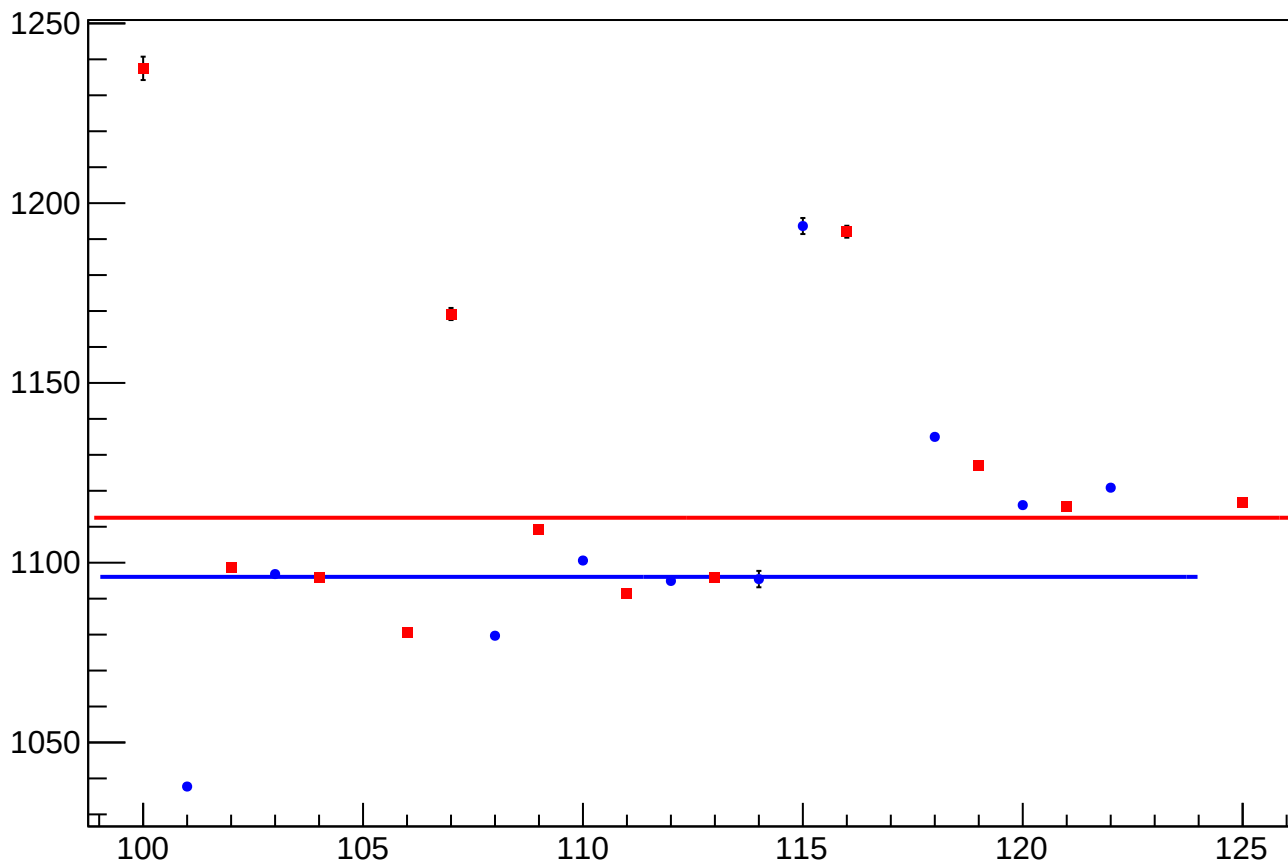
Right: 2110.793+/-368.221 χ^2/NDF : 11.0/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2110.793+/-368.221 χ^2/NDF : 11.0/21

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: 1112.503+/-0.355 χ^2/NDF : 6699.6/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

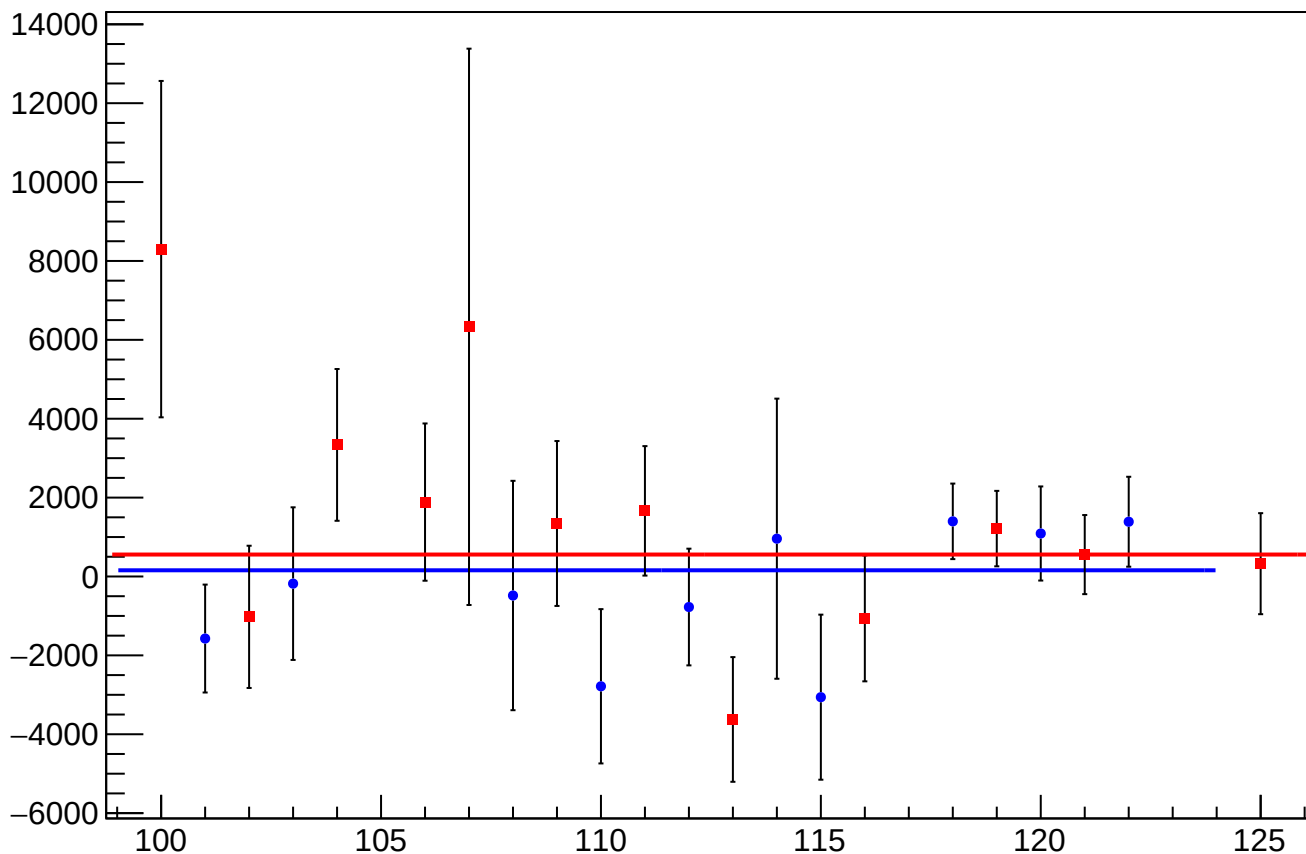
Right: 1104.908+/-0.260 χ^2/NDF : 15849.3/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1104.908+/-0.260 χ^2/NDF : 15849.3/21

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: 556.496+/-447.454 χ^2/NDF : 16.4/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

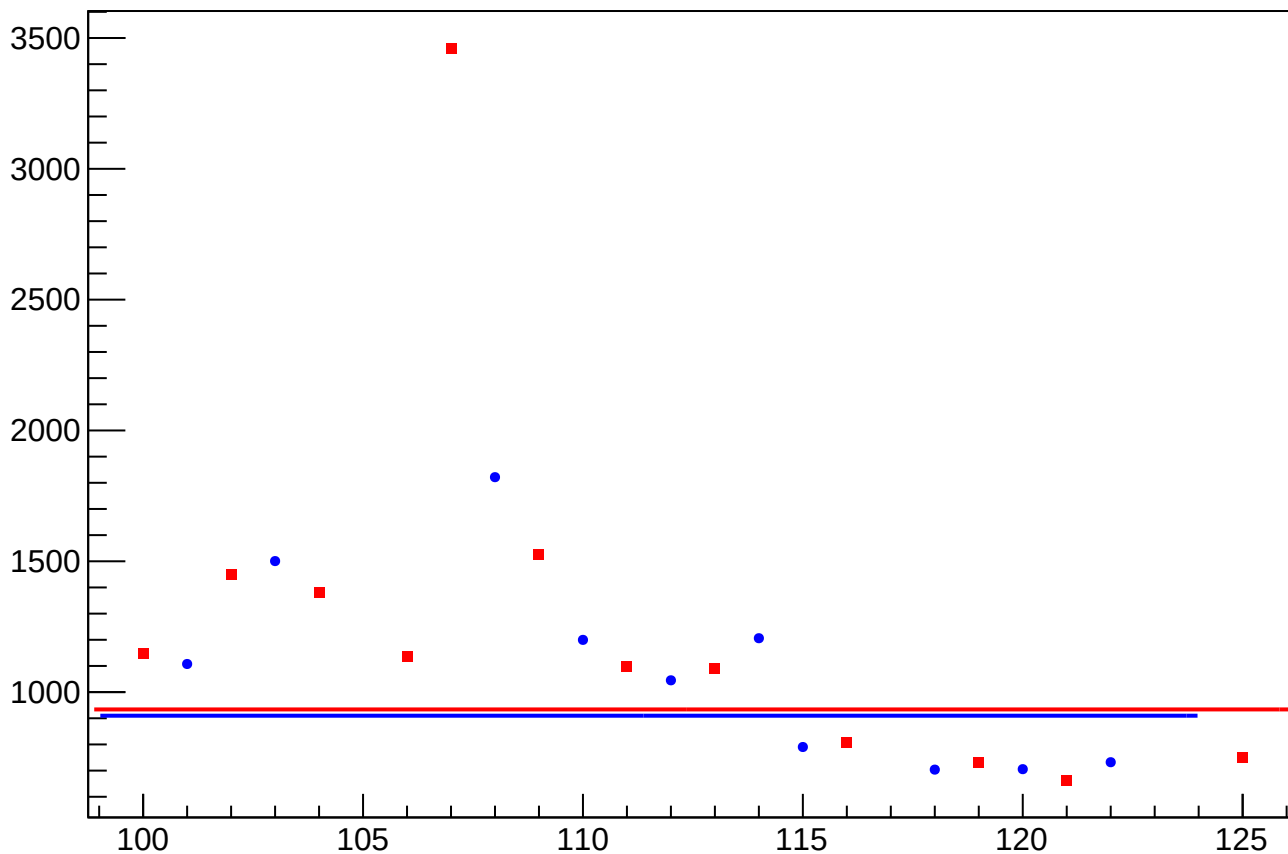
Right: 366.997+/-324.393 χ^2/NDF : 27.0/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 366.997+/-324.393 χ^2/NDF : 27.0/21

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: 933.821+/-0.316 χ^2/NDF : 1043334.3/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

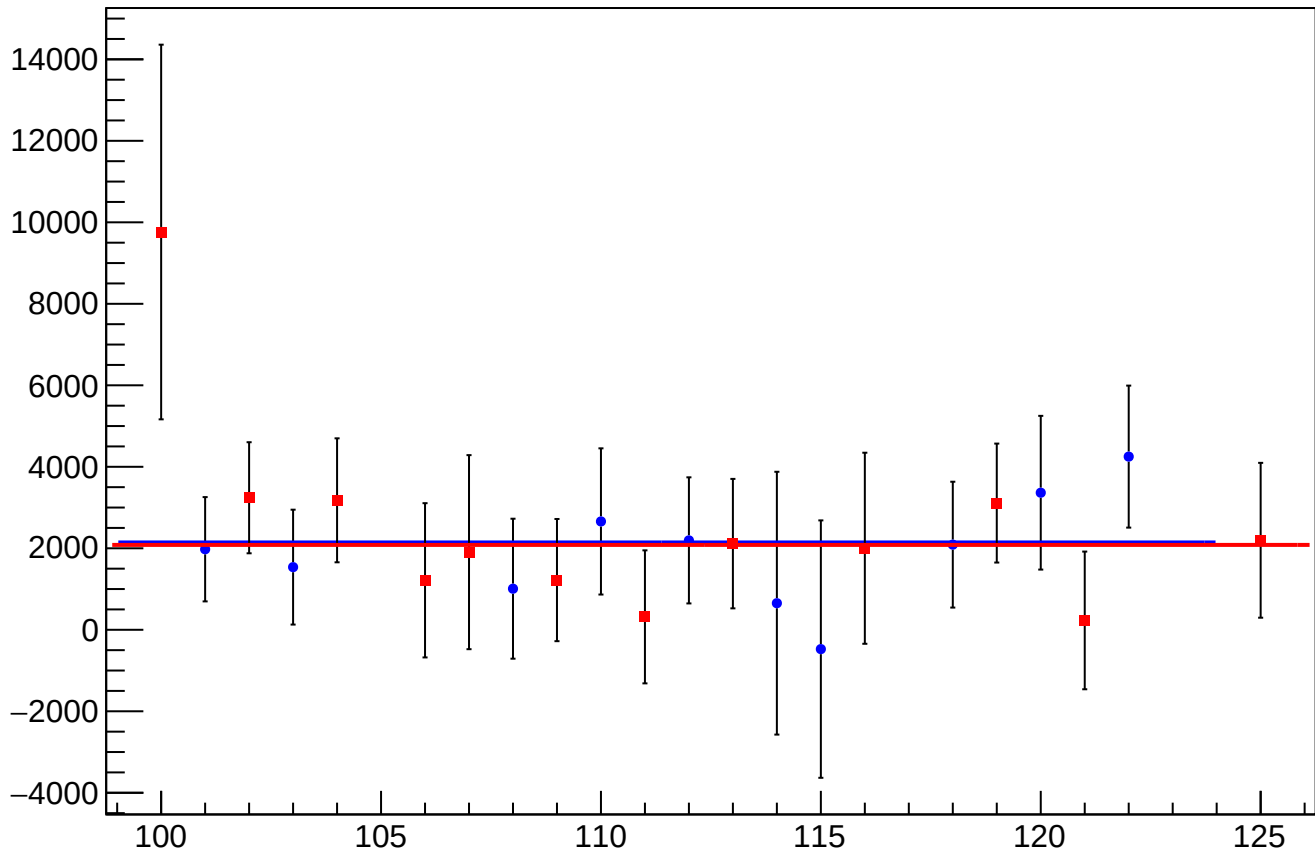
Right: 922.441+/-0.229 χ^2/NDF : 1751991.6/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 922.441+/-0.229 χ^2/NDF : 1751991.6/21

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: 2083.157+/-501.999 χ^2/NDF : 7.4/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

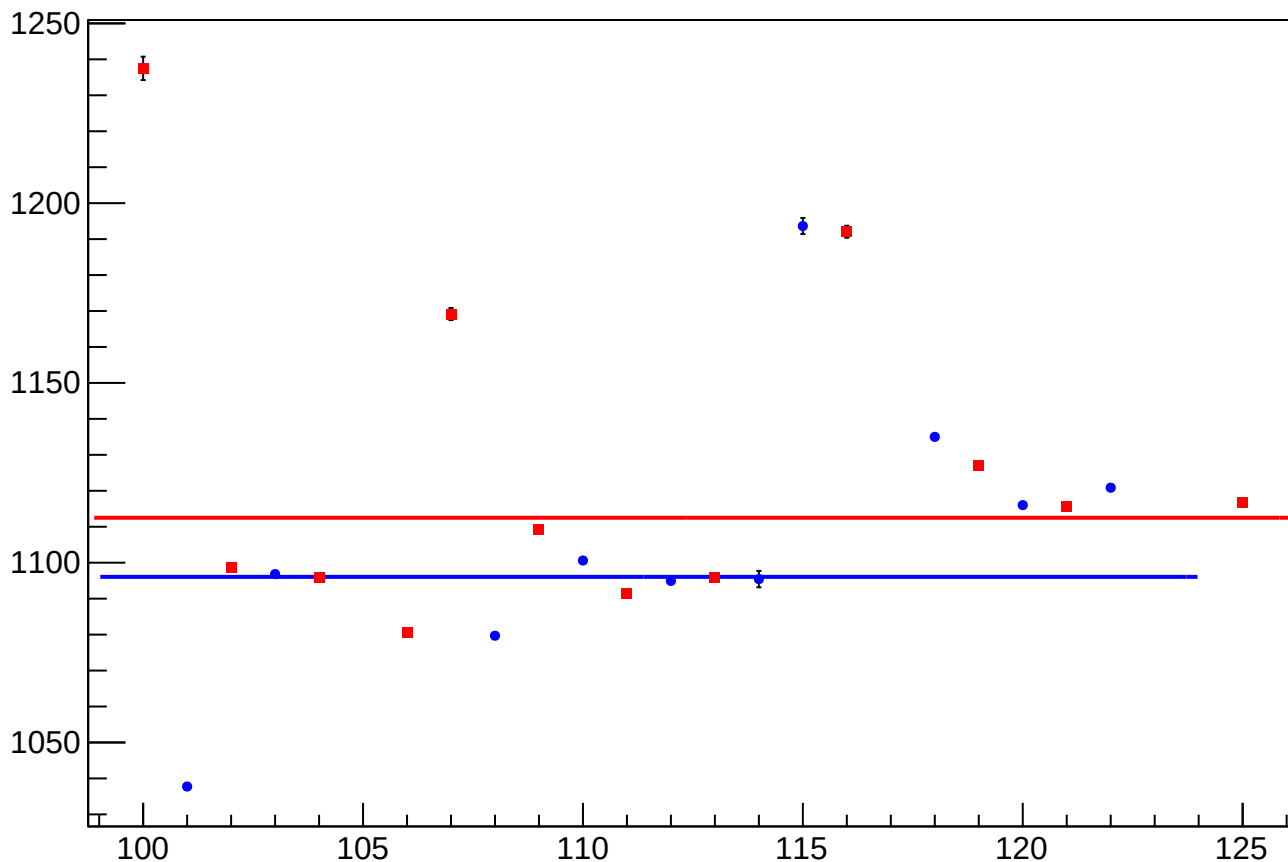
Right: 2110.792+/-368.221 χ^2/NDF : 11.0/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2110.792+/-368.221 χ^2/NDF : 11.0/21

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: 1112.503+/-0.355 χ^2/NDF : 6699.5/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

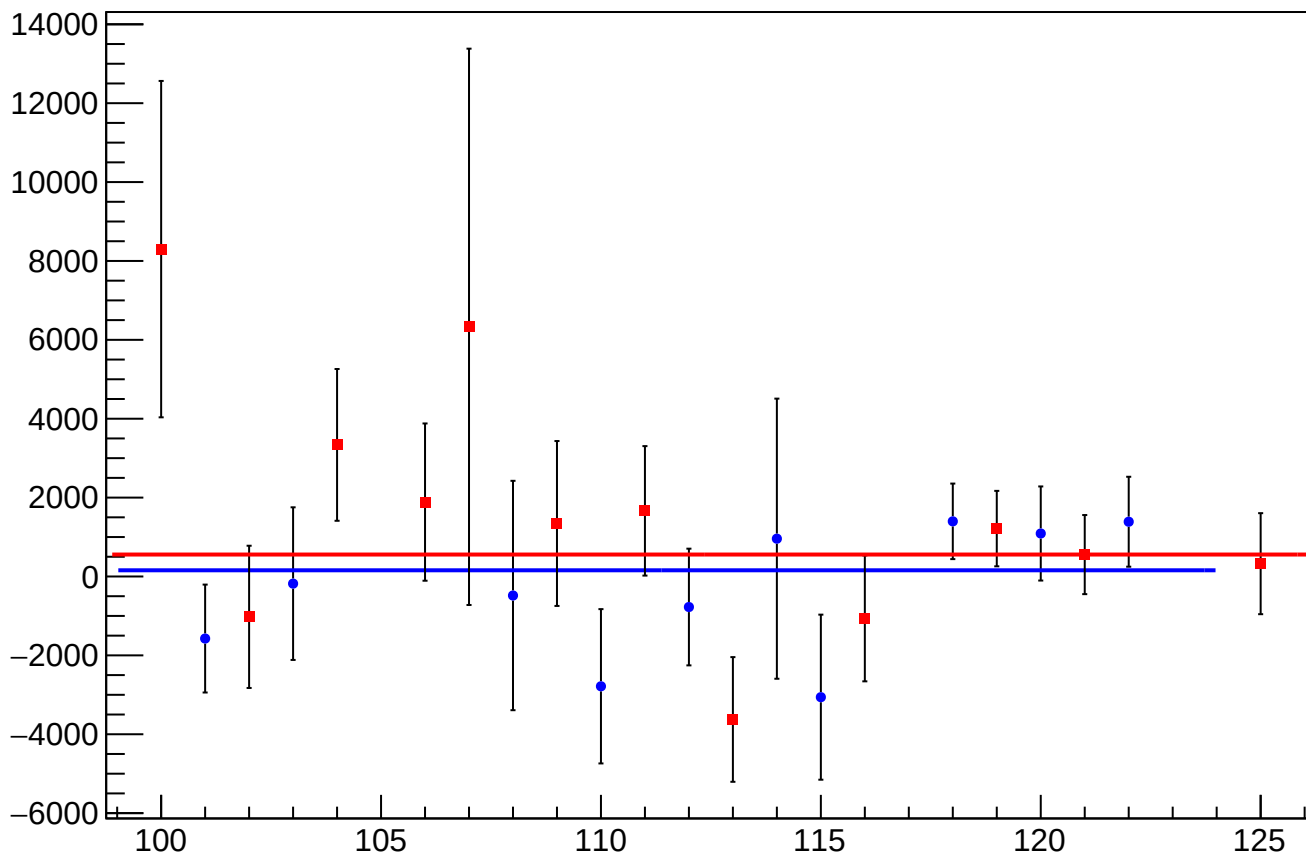
Right: 1104.908+/-0.260 χ^2/NDF : 15849.2/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1104.908+/-0.260 χ^2/NDF : 15849.2/21

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: 556.496+/-447.453 χ^2/NDF : 16.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

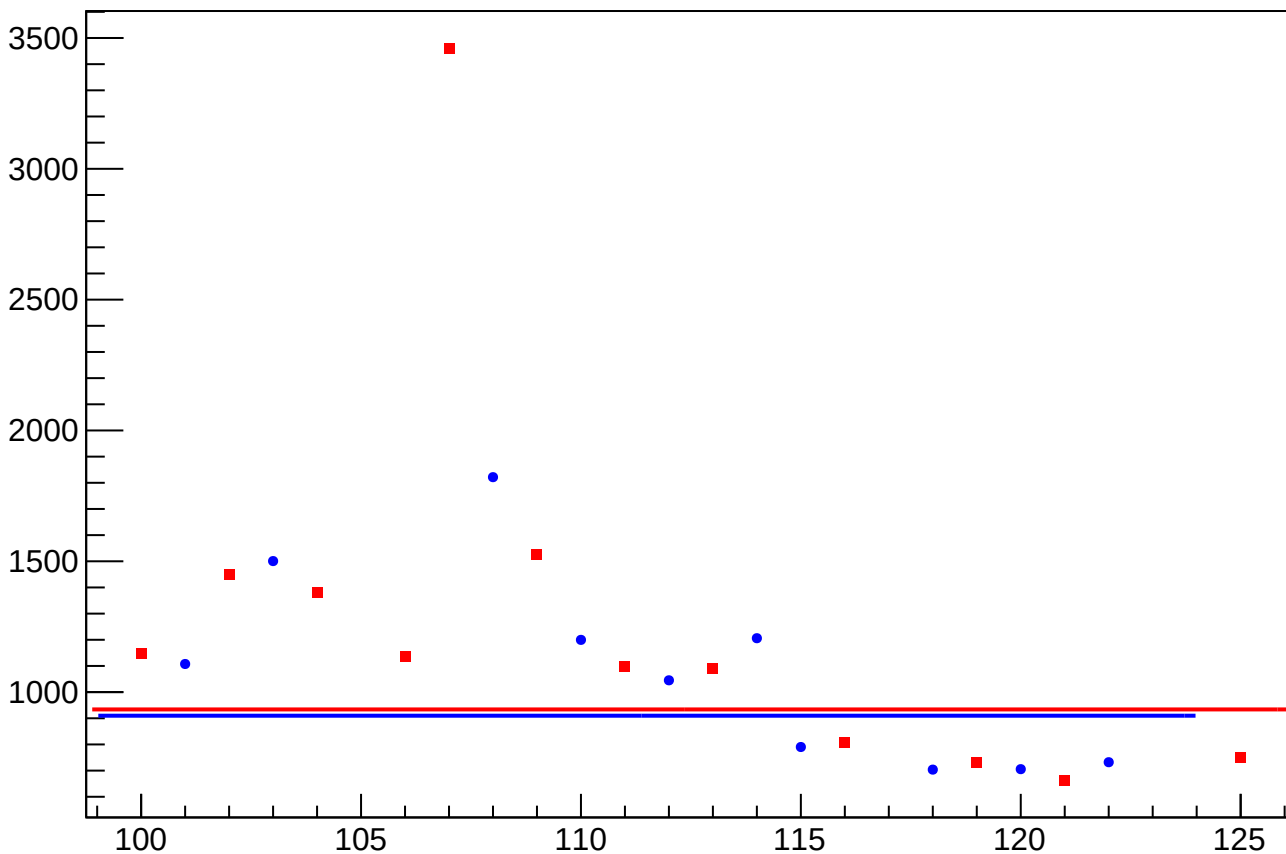
Right: 366.997+/-324.392 χ^2/NDF : 27.0/21

In: 157.056+/-470.970 χ^2/NDF :10.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 366.997+/-324.392 χ^2/NDF : 27.0/21

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: 933.819+/-0.316 χ^2/NDF : 1043335.2/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

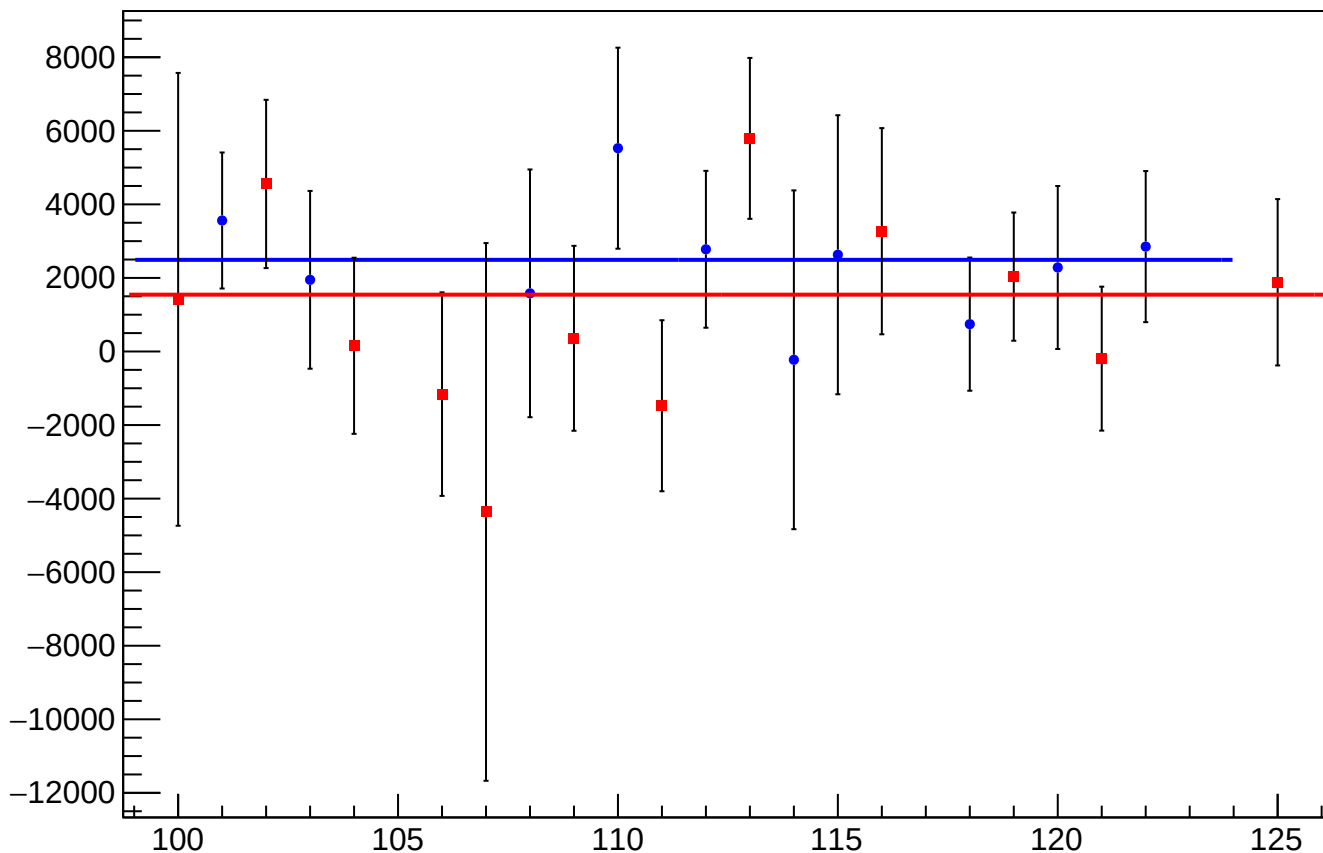
Right: 922.439+/-0.229 χ^2/NDF : 1751994.6/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 922.439+/-0.229 χ^2/NDF : 1751994.6/21

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: 1544.765+/-705.959 χ^2/NDF : 10.6/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

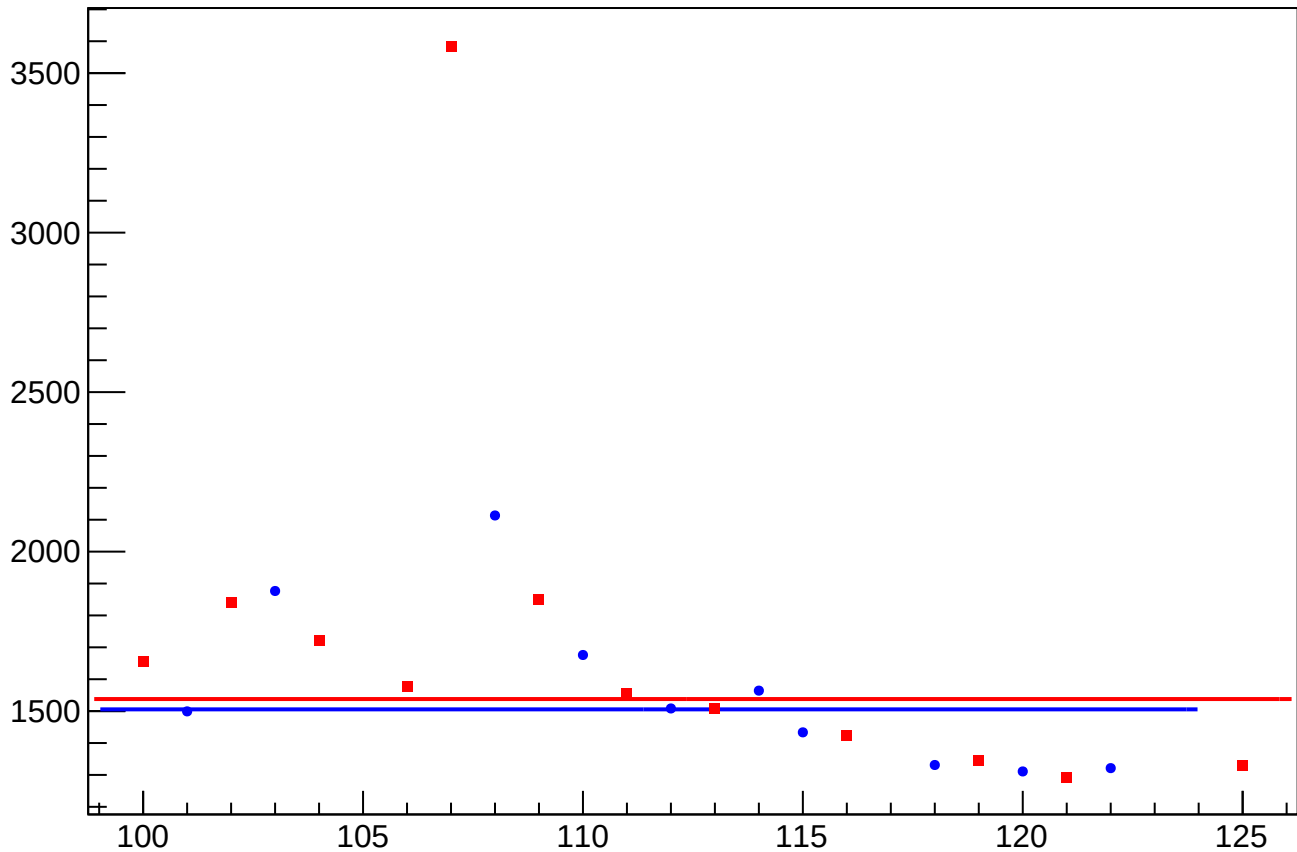
Right: 1988.307+/-514.725 χ^2/NDF : 14.5/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1988.307+/-514.725 χ^2/NDF : 14.5/21

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: 1537.868+/-0.499 χ^2/NDF : 312903.3/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

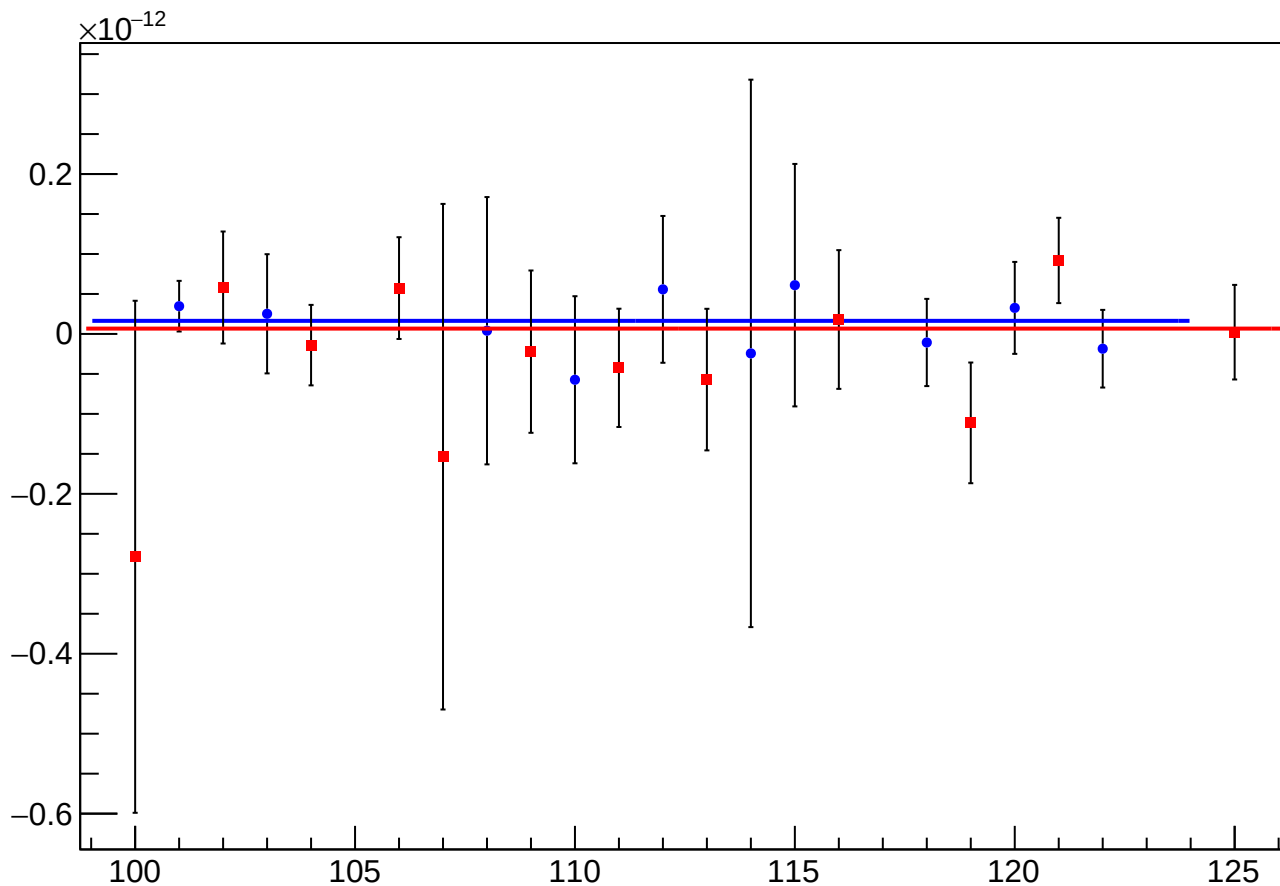
Right: 1522.716+/-0.364 χ^2/NDF : 486082.3/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1522.716+/-0.364 χ^2/NDF : 486082.3/21

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 : 8.4/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

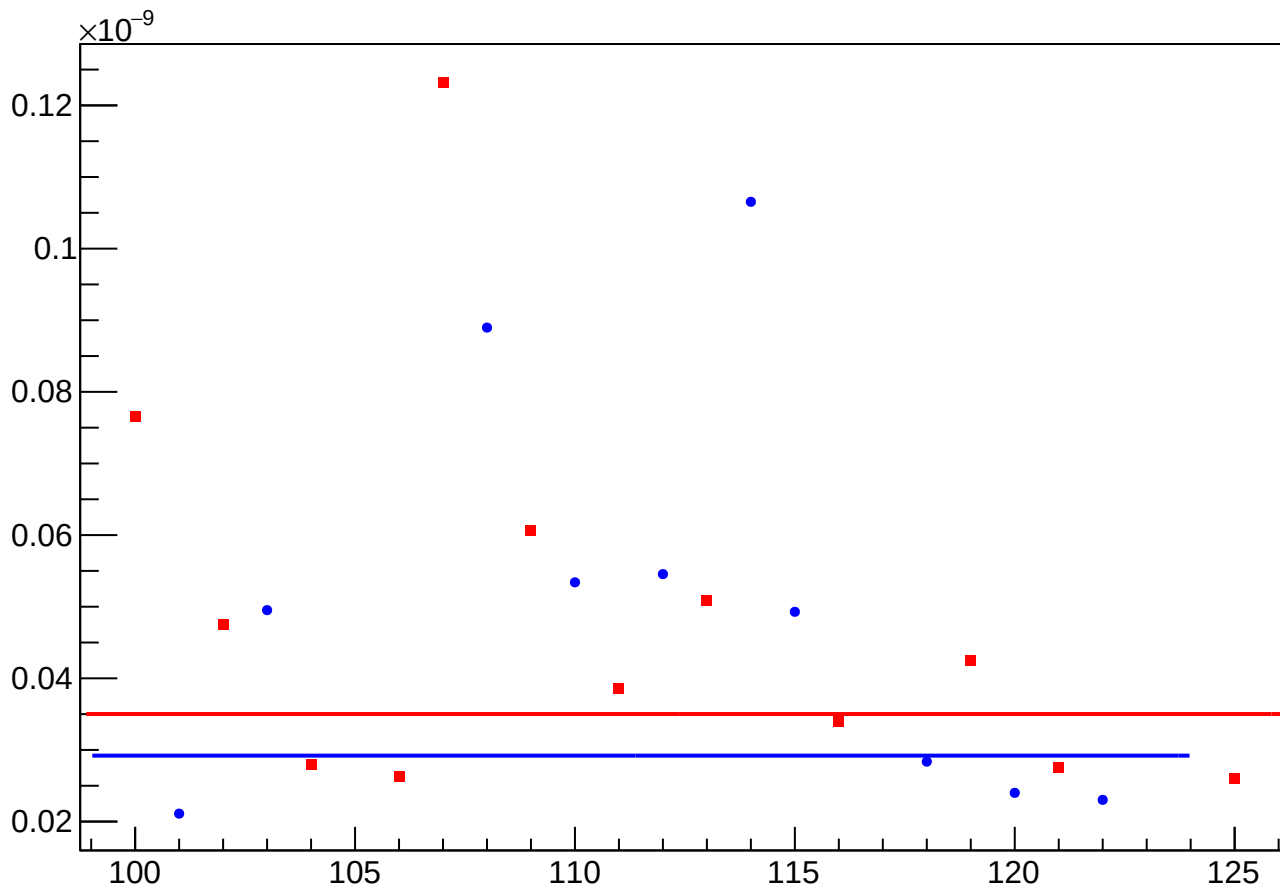
Right: 0.000+/-0.000 χ^2/NDF : 10.5/21

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 : 10.5/21

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 : 631858.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

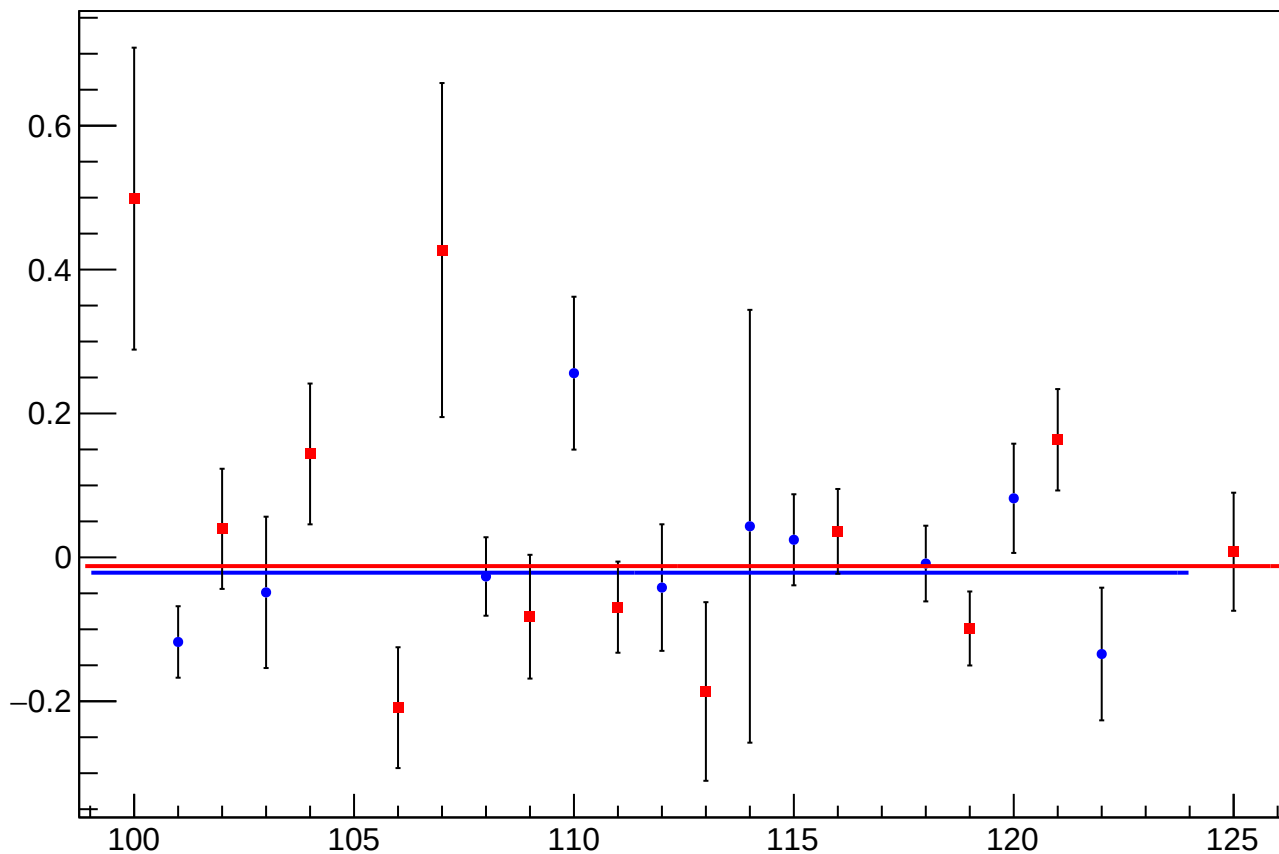
Right: 0.000+/-0.000 χ^2/NDF : 1692581.1/21

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 : 1692581.1/21

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: -0.012+/-0.023 χ^2/NDF : 31.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

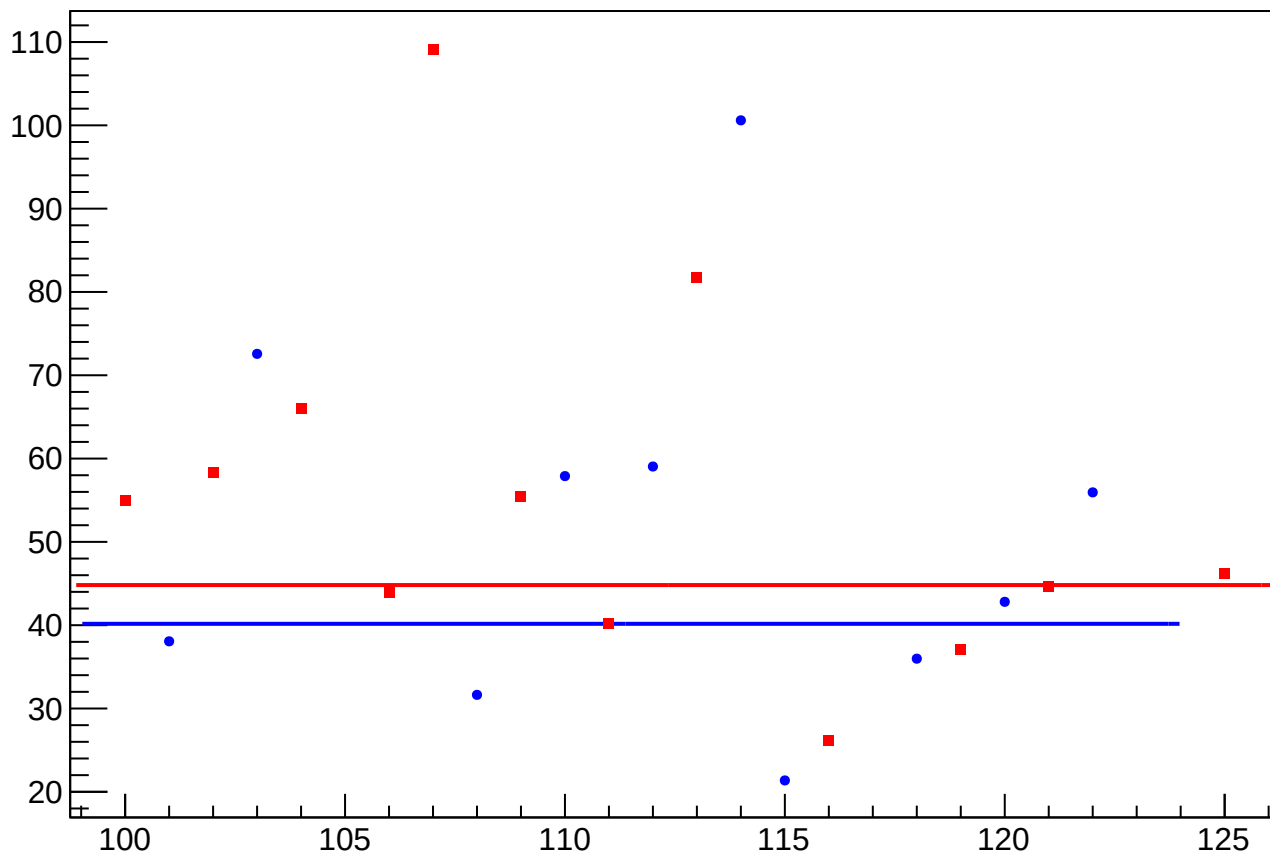
Right: -0.017+/-0.016 χ^2/NDF : 45.9/21

In: -0.021+/-0.023 χ^2/NDF :14.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.017+/-0.016 χ^2/NDF : 45.9/21

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: 44.817+/-0.016 χ^2/NDF : 767333.3/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

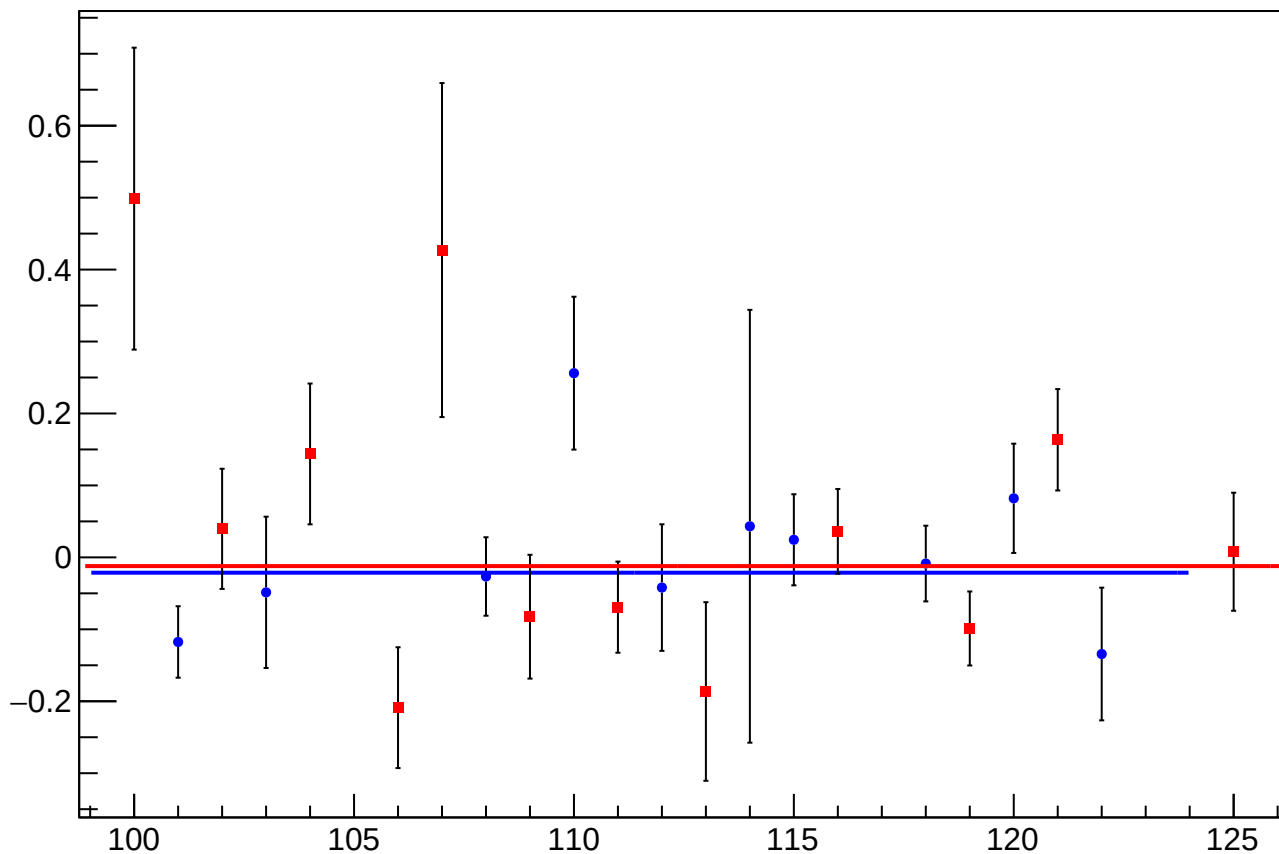
Right: 42.451+/-0.011 χ^2/NDF : 1530160.9/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.451+/-0.011 χ^2/NDF : 1530160.9/21

asym_usl_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.012+/-0.023 χ^2/NDF : 31.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

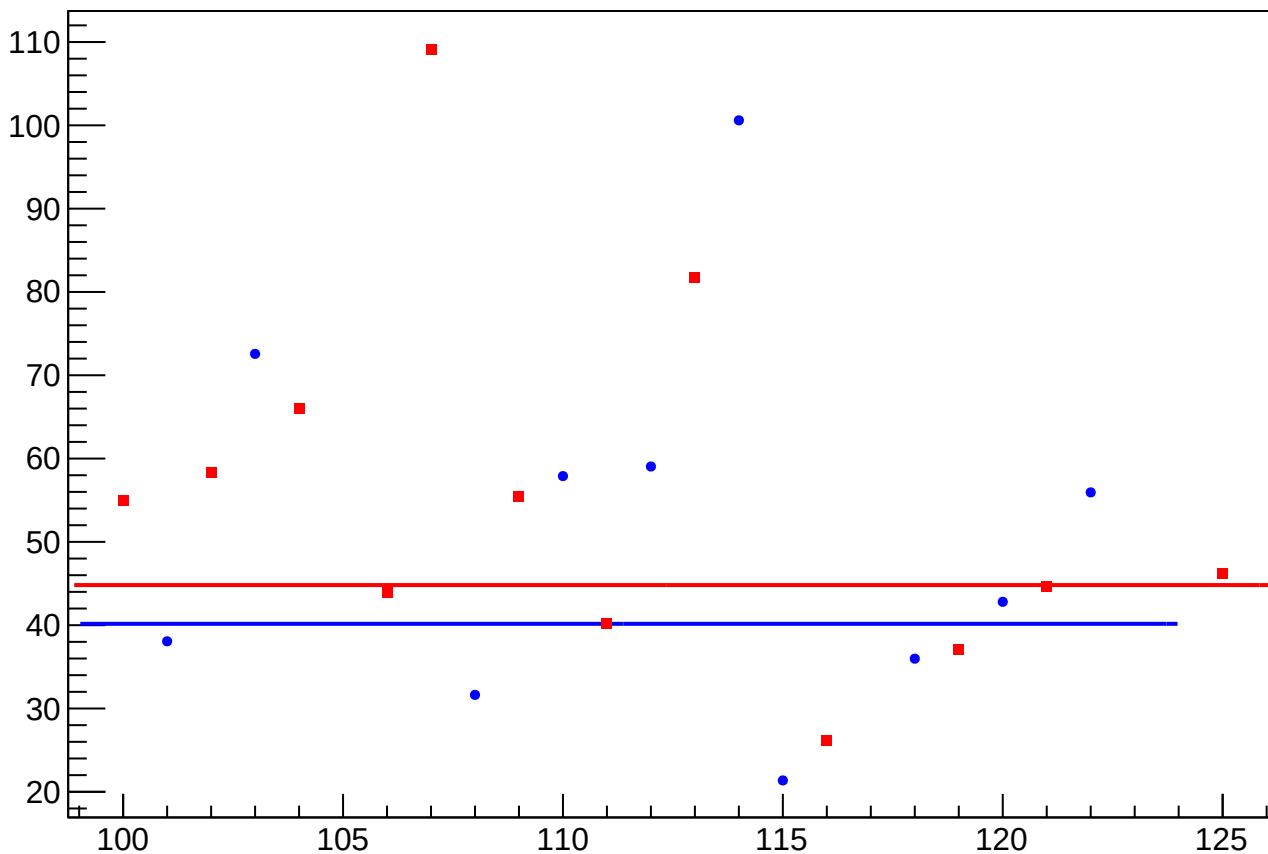
Right: -0.017+/-0.016 χ^2/NDF : 45.9/21

In: -0.021+/-0.023 χ^2/NDF :14.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.017+/-0.016 χ^2/NDF : 45.9/21

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: 44.817+/-0.016 χ^2/NDF : 767333.3/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

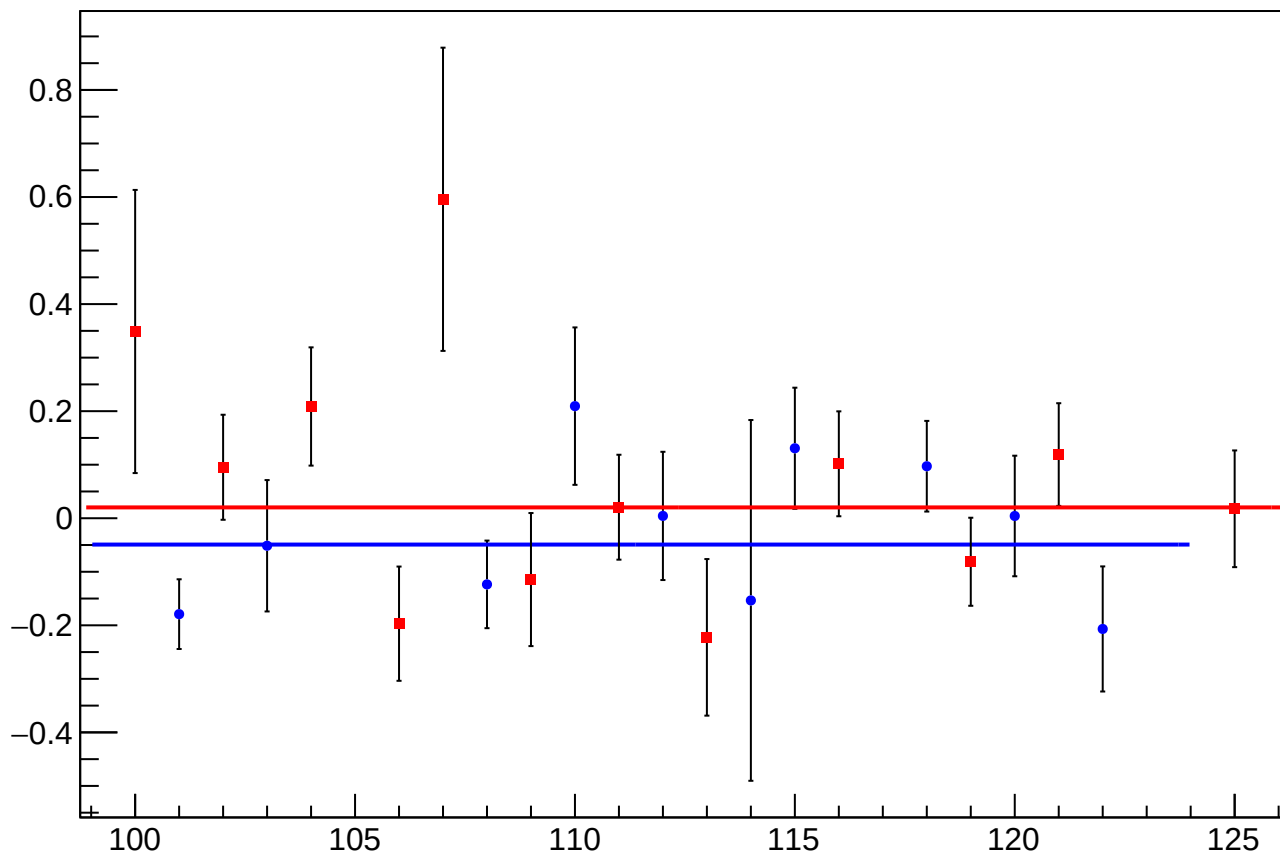
Right: 42.451+/-0.011 χ^2/NDF : 1530160.9/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.451+/-0.011 χ^2/NDF : 1530160.9/21

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+/-0.032 χ^2 /NDF: 20.5/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

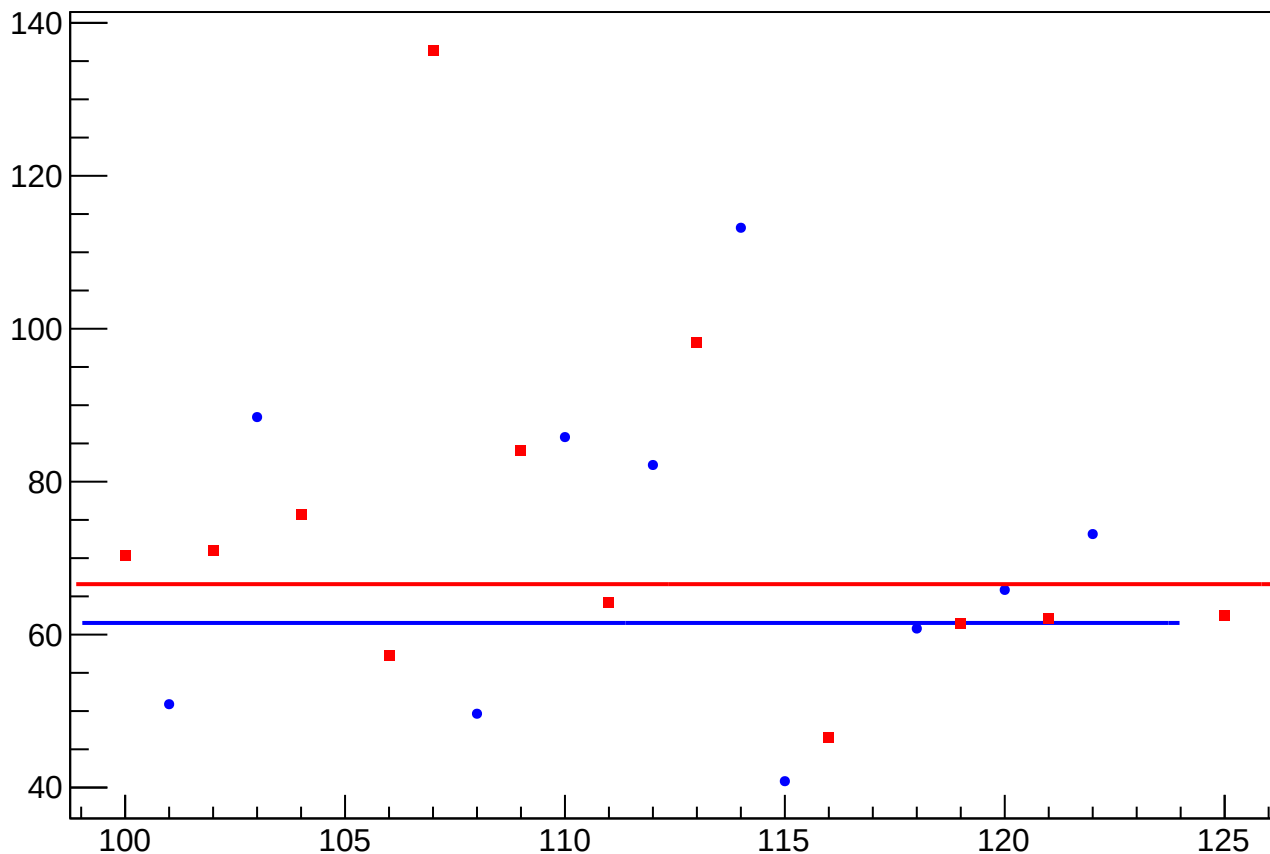
Right: -0.014+/-0.023 χ^2 /NDF: 38.6/21

In: -0.049+/-0.033 χ^2 /NDF:15.8/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.014+/-0.023 χ^2 /NDF: 38.6/21

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: 66.598+/-0.023 χ^2/NDF : 388106.9/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

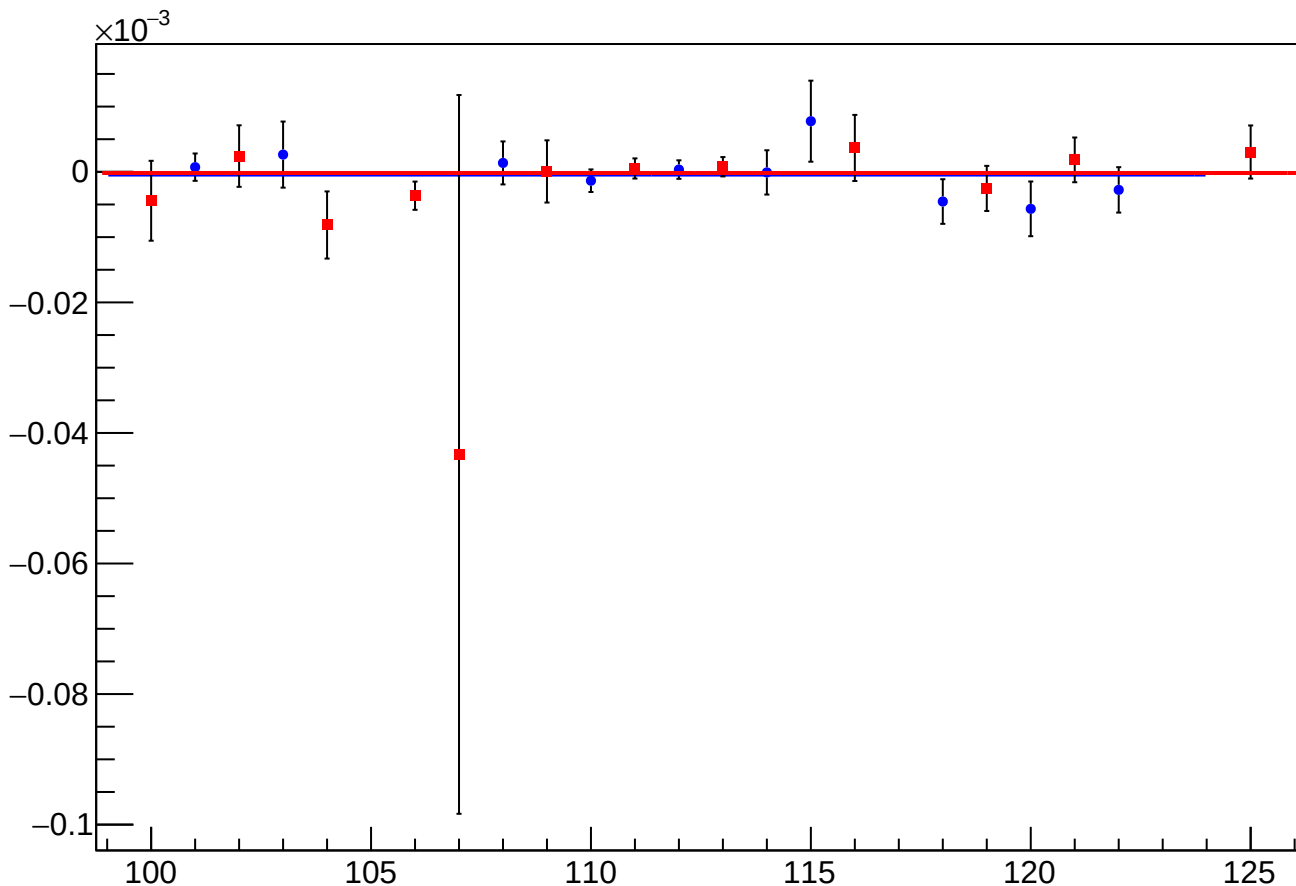
Right: 64.081+/-0.016 χ^2/NDF : 855338.2/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.081+/-0.016 χ^2/NDF : 855338.2/21

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: 9.0/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

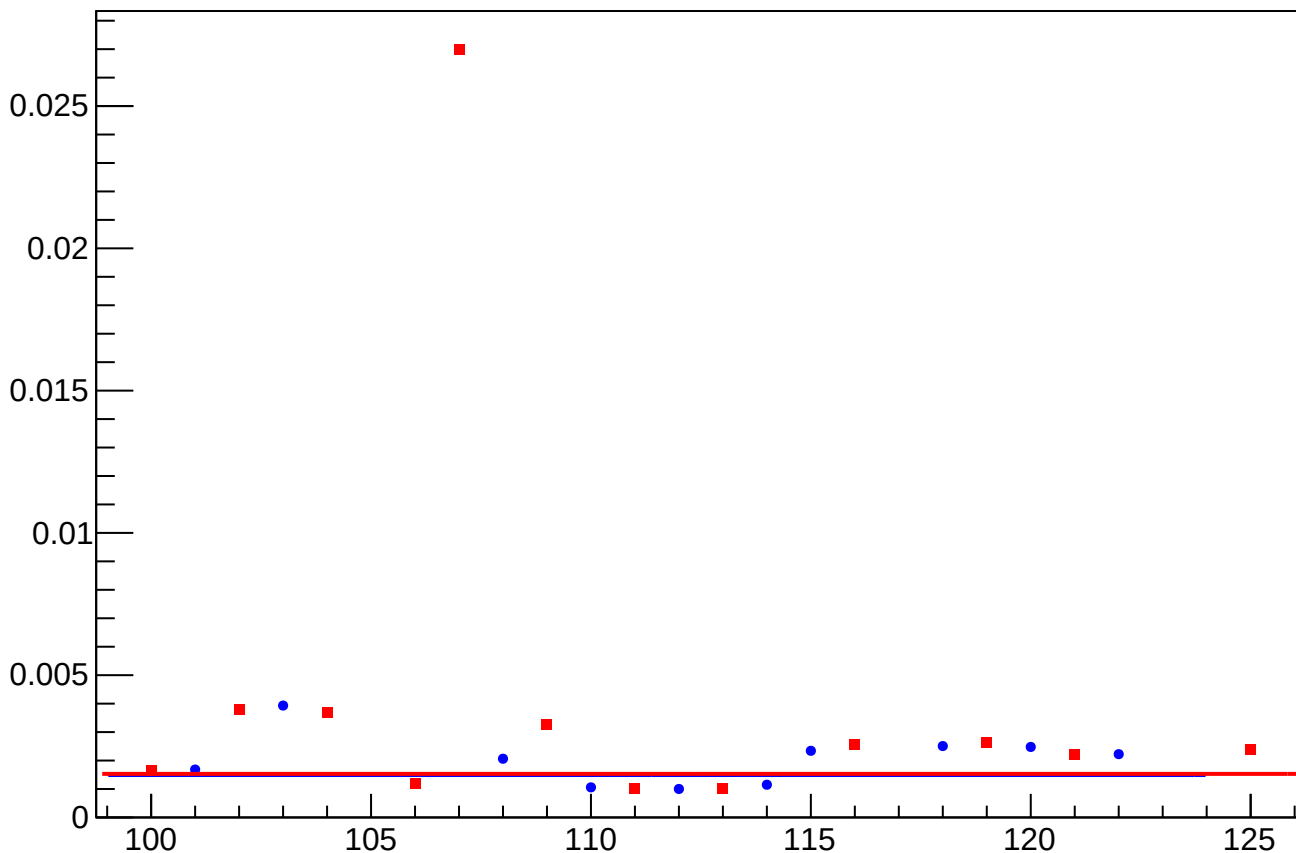
Right: -0.000+/-0.000 χ^2 /NDF: 15.8/21

In: -0.000+/-0.000 χ^2 /NDF:6.8/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 15.8/21

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: 0.002+/-0.000 χ^2/NDF : 2460750.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

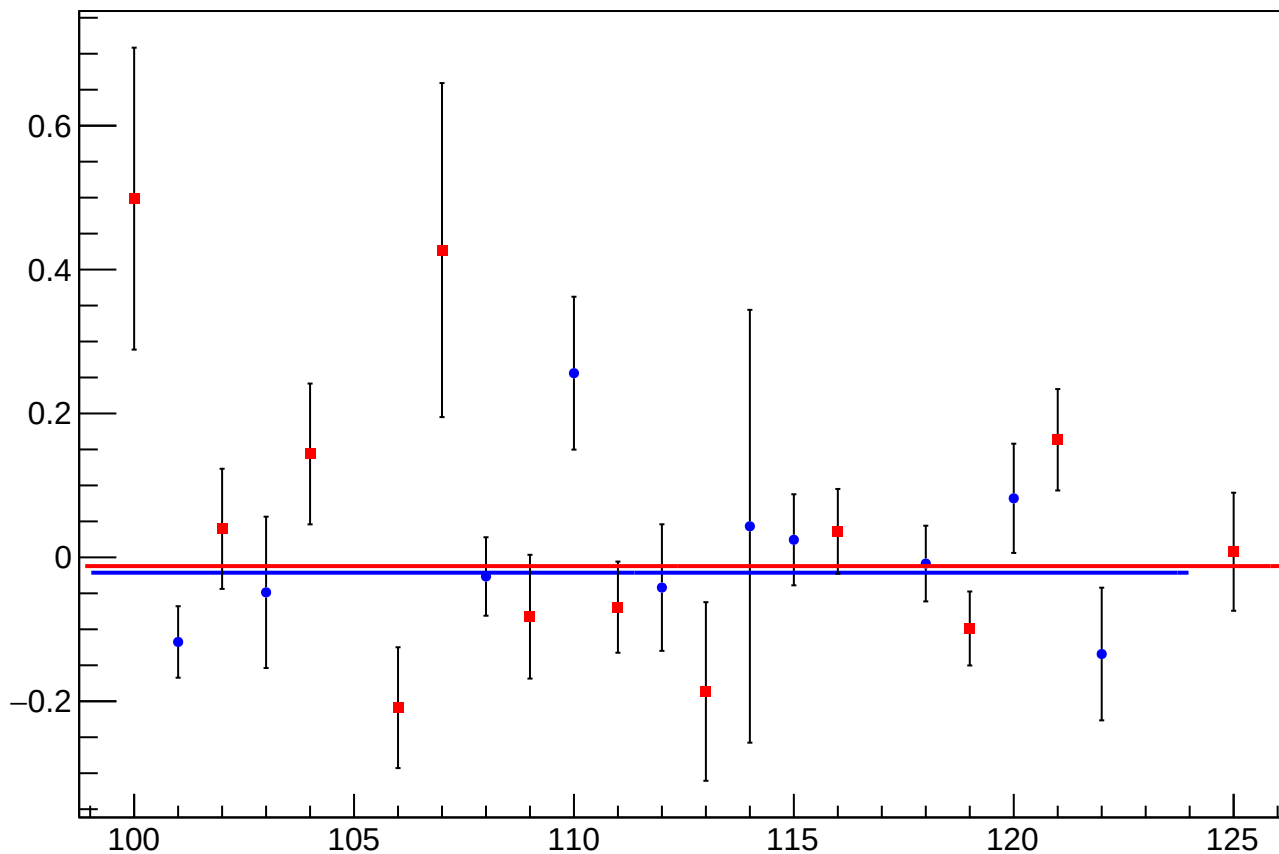
Right: 0.002+/-0.000 χ^2/NDF : 3804510.9/21

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3804510.9/21

asym_usl_eigen_dit_vs_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: -0.012 $\pm$ 0.023 χ^2 /NDF: 31.2/11

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

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

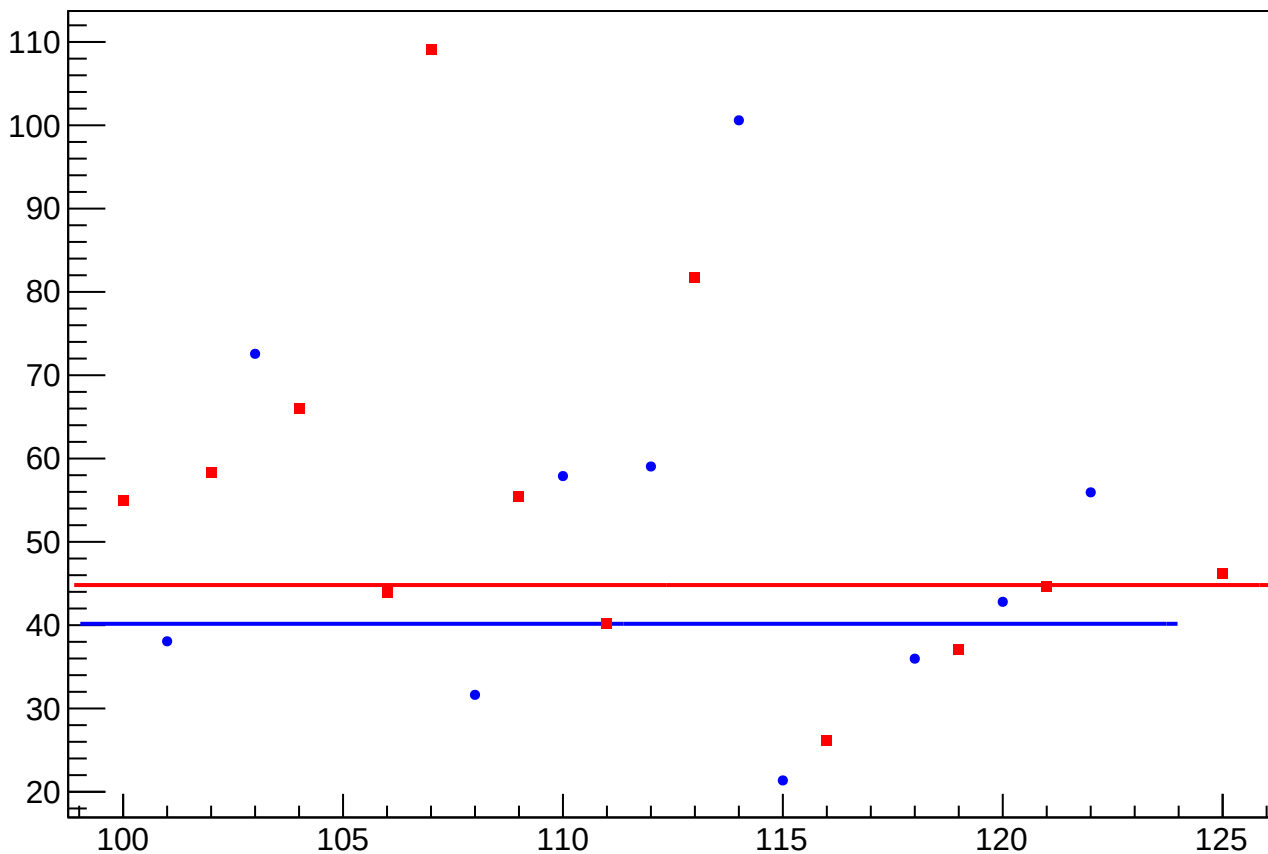
Right: -0.017 $\pm$ 0.016 χ^2 /NDF: 45.9/21

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: -0.017 $\pm$ 0.016 χ^2 /NDF: 45.9/21

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: 44.816+/-0.016 χ^2/NDF : 767375.7/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

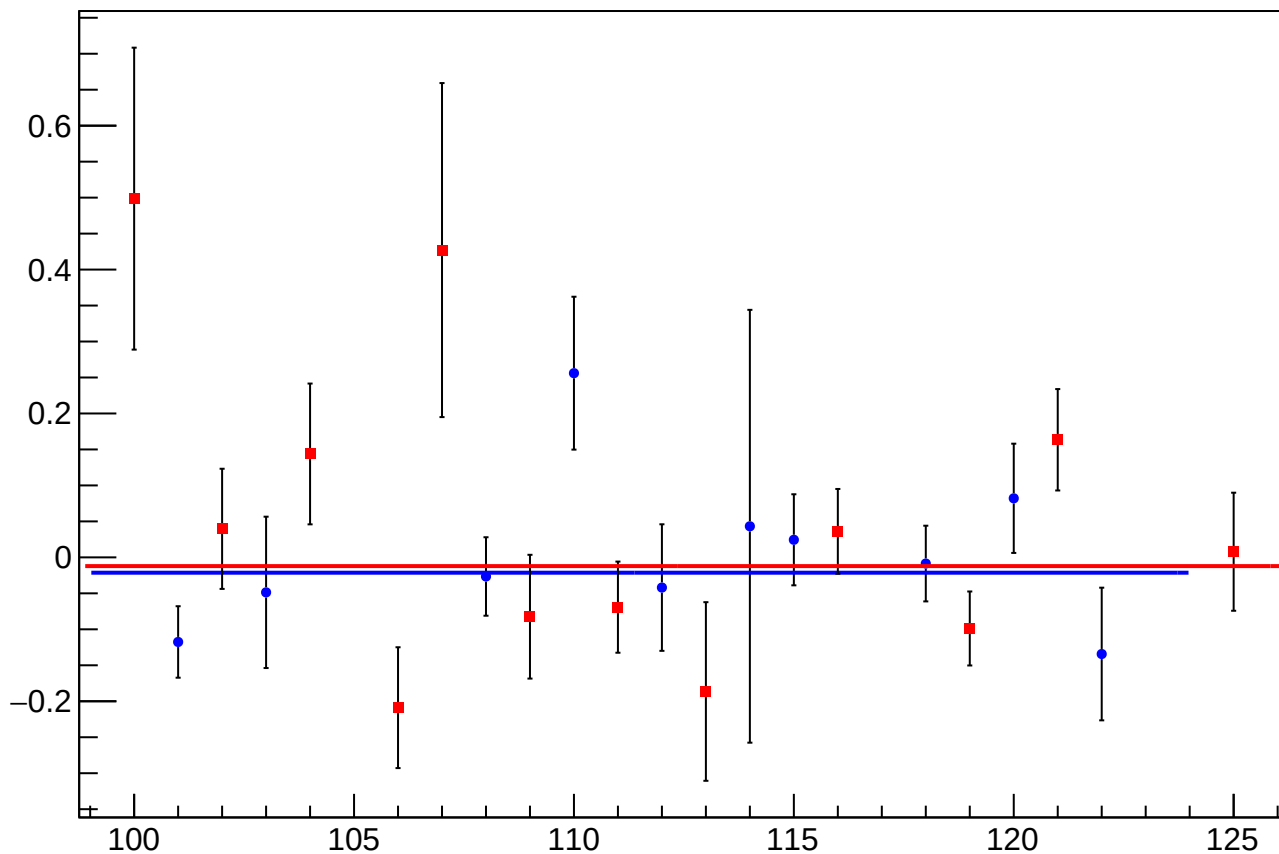
Right: 42.450+/-0.011 χ^2/NDF : 1530243.8/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.450+/-0.011 χ^2/NDF : 1530243.8/21

asym_usl_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.012 $\pm$ 0.023 χ^2 /NDF: 31.2/11

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

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

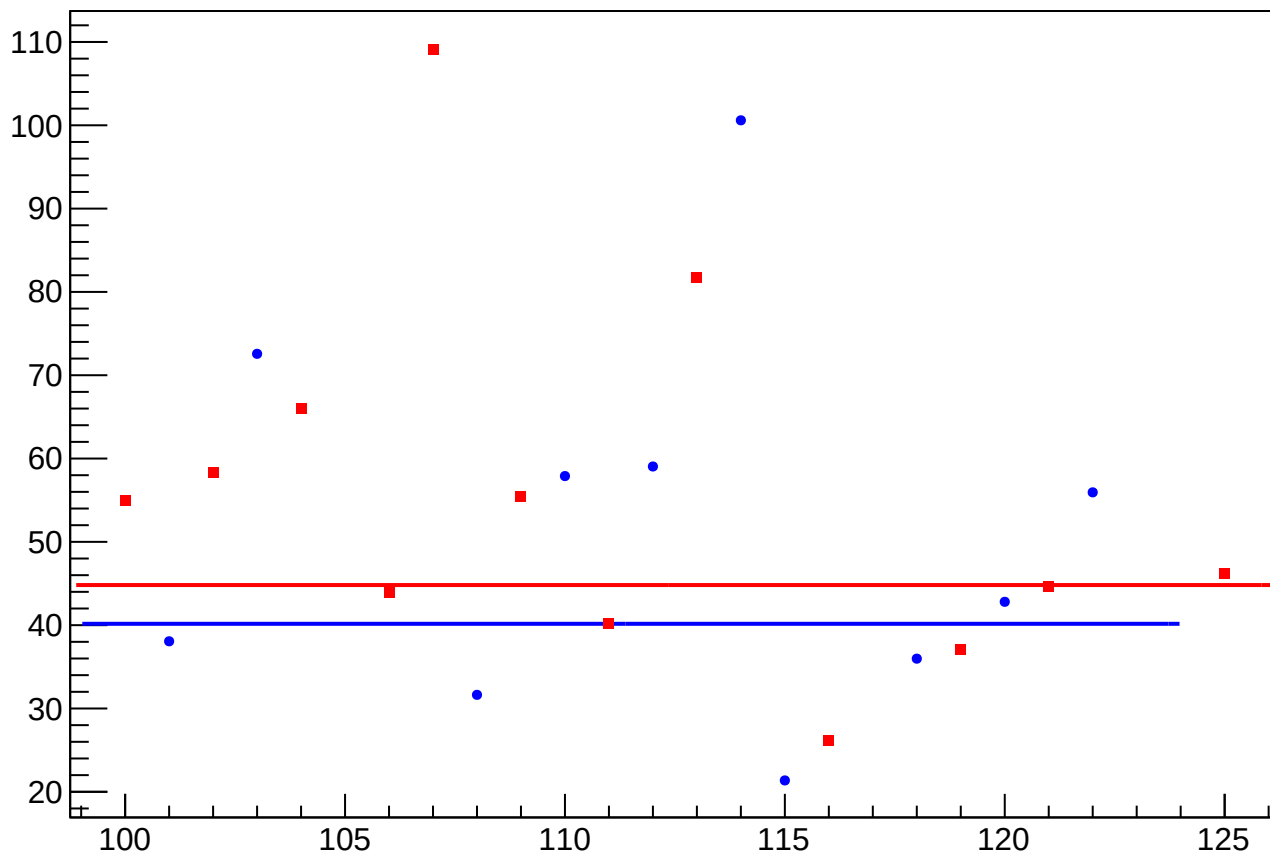
Right: -0.017 $\pm$ 0.016 χ^2 /NDF: 45.9/21

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: -0.017 $\pm$ 0.016 χ^2 /NDF: 45.9/21

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: 44.816+/-0.016 χ^2/NDF : 767375.7/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

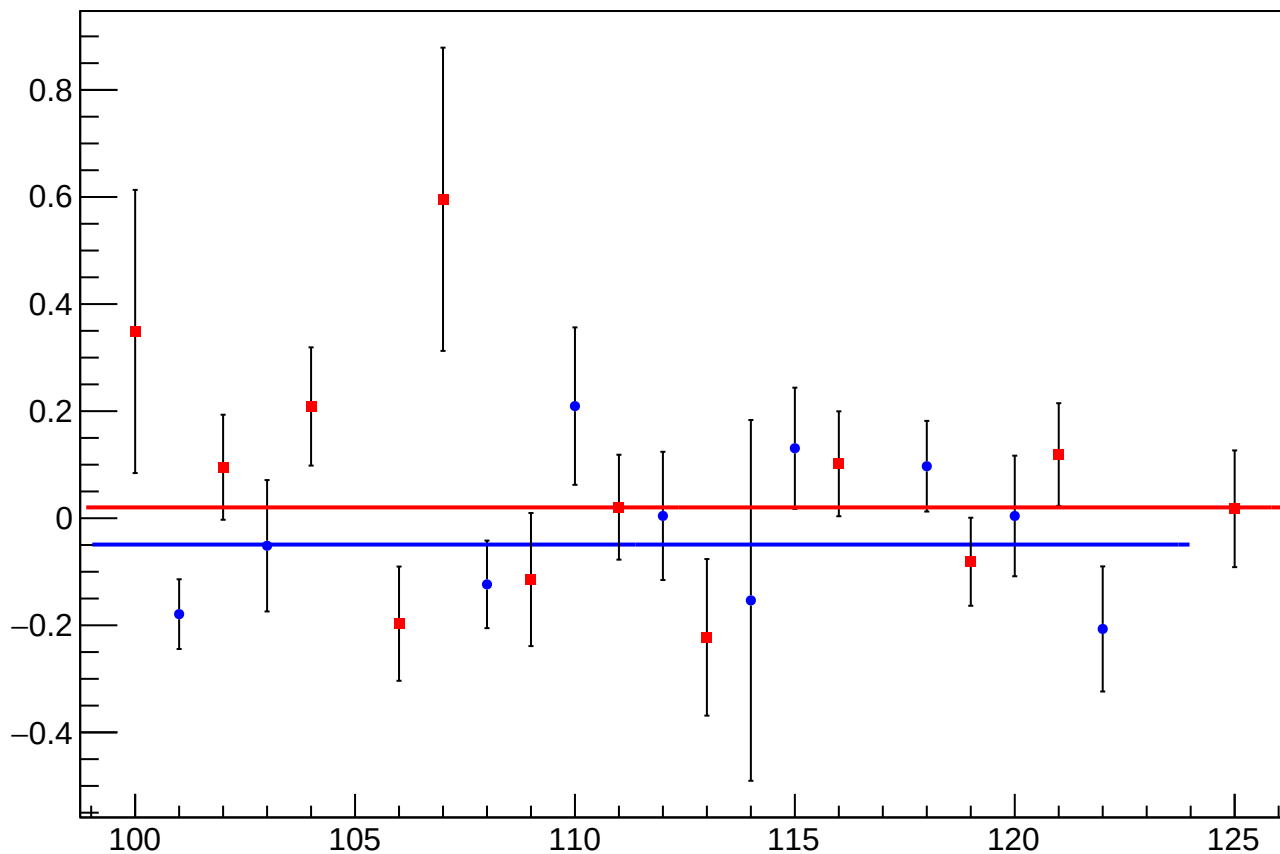
Right: 42.450+/-0.011 χ^2/NDF : 1530243.8/21

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.450+/-0.011 χ^2/NDF : 1530243.8/21

asym_usl_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.049 $\pm$ 0.033 χ^2 /NDF: 15.8/9

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

Right Out: 0.020 $\pm$ 0.032 χ^2 /NDF: 20.5/11

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

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

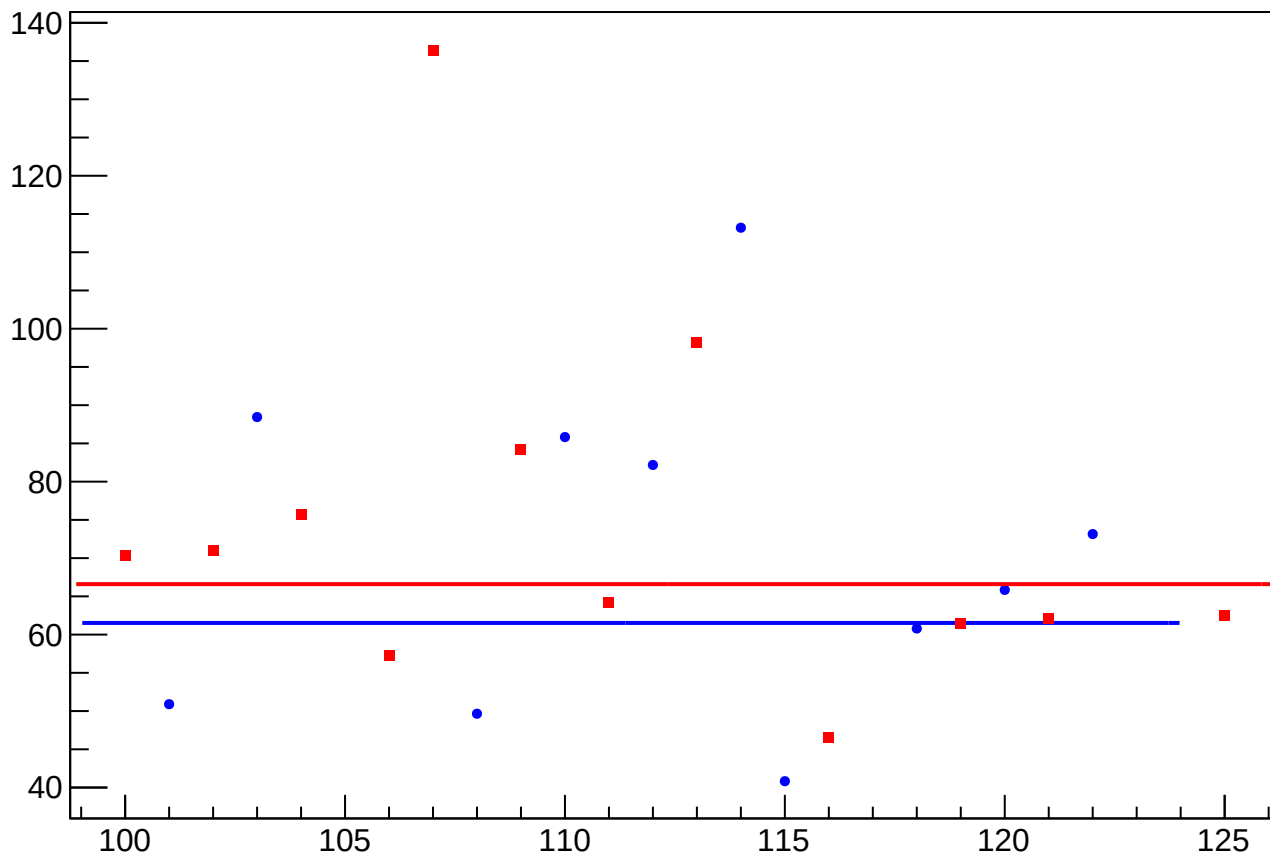
Right: -0.014 $\pm$ 0.023 χ^2 /NDF: 38.6/21

In: -0.049 $\pm$ 0.033 χ^2 /NDF:15.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.014 $\pm$ 0.023 χ^2 /NDF: 38.6/21

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: 66.597+/-0.023 χ^2/NDF : 388100.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

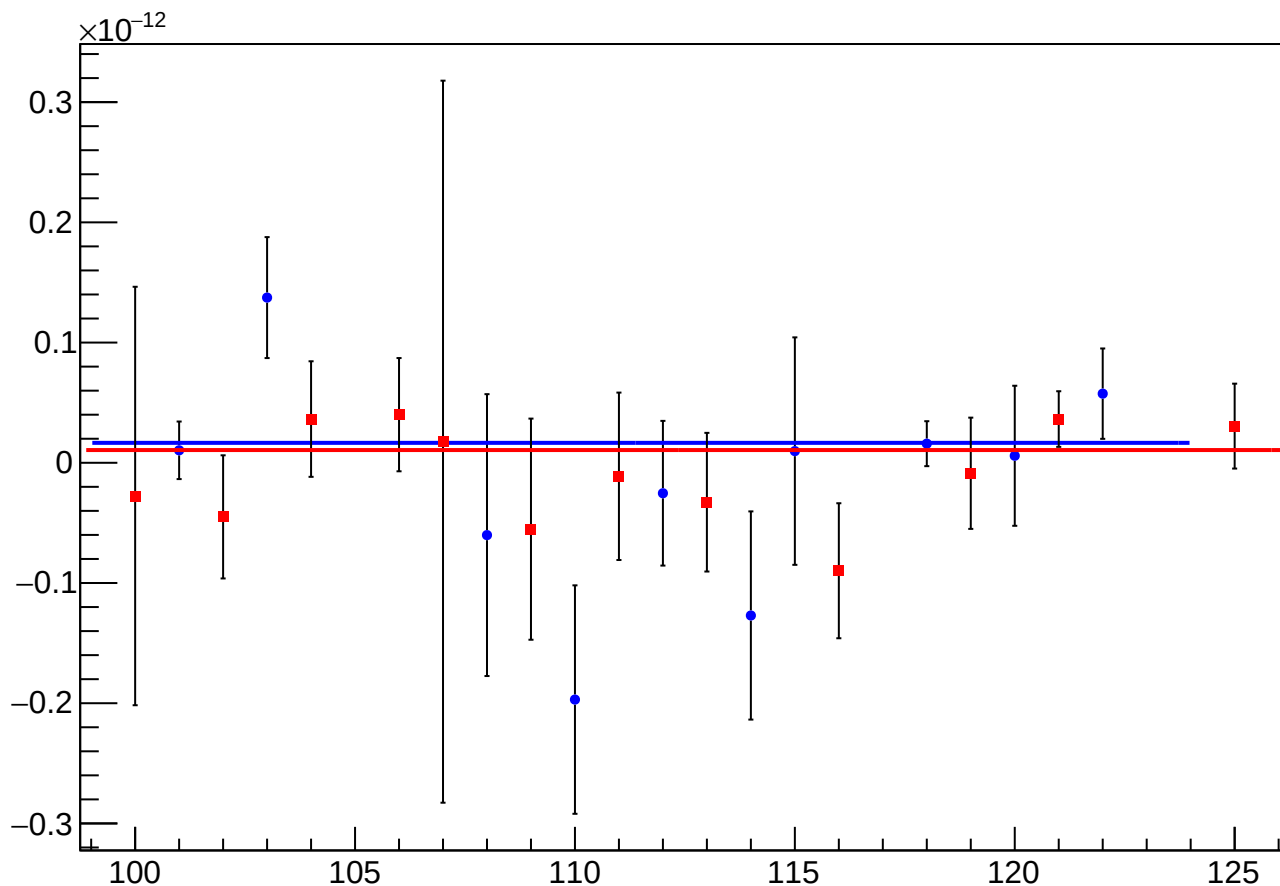
Right: 64.081+/-0.016 χ^2/NDF : 855333.3/21

In: 61.525+/-0.023 χ^2/NDF : 442699.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.081+/-0.016 χ^2/NDF : 855333.3/21

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 : 8.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

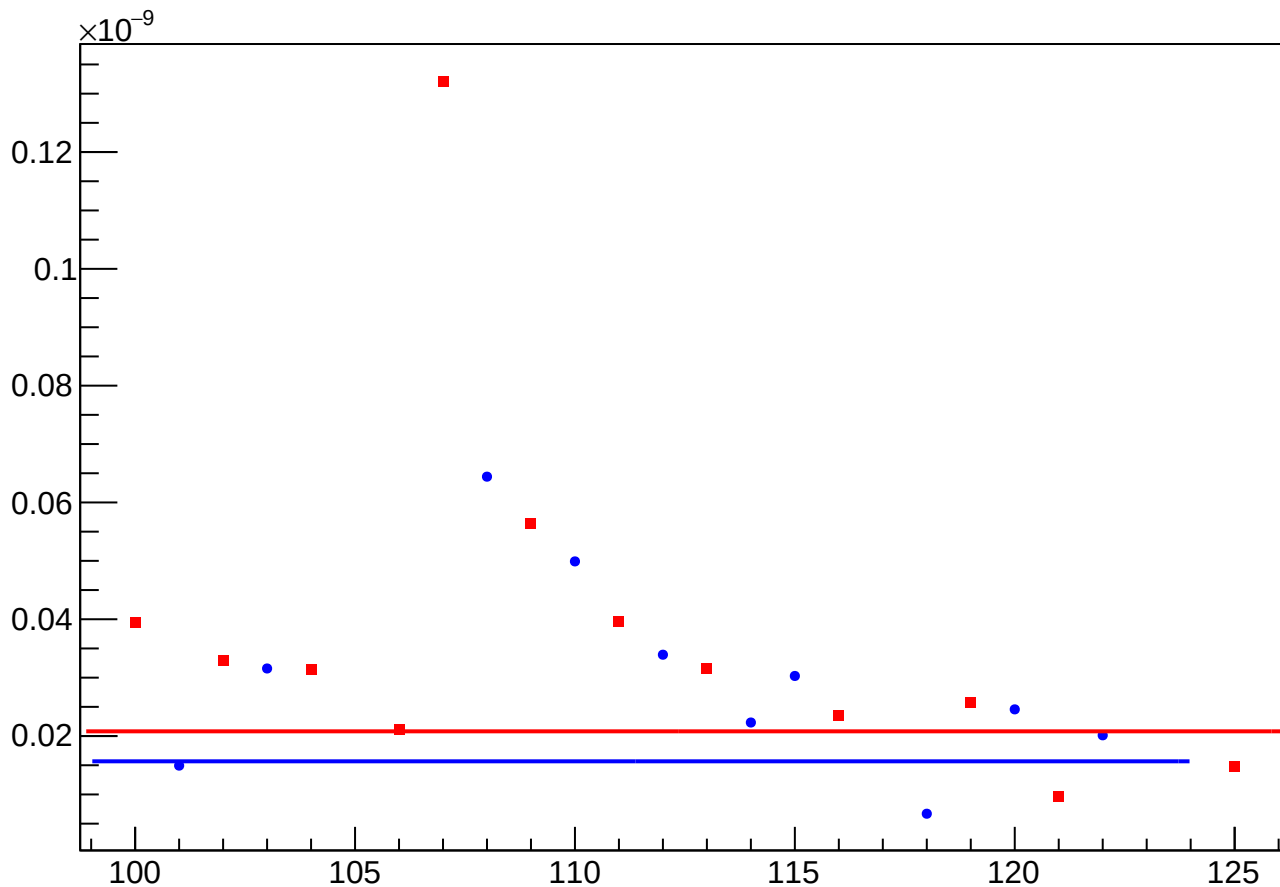
Right: 0.000+/-0.000 χ^2/NDF : 23.9/21

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 : 23.9/21

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 : 1567133.5/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

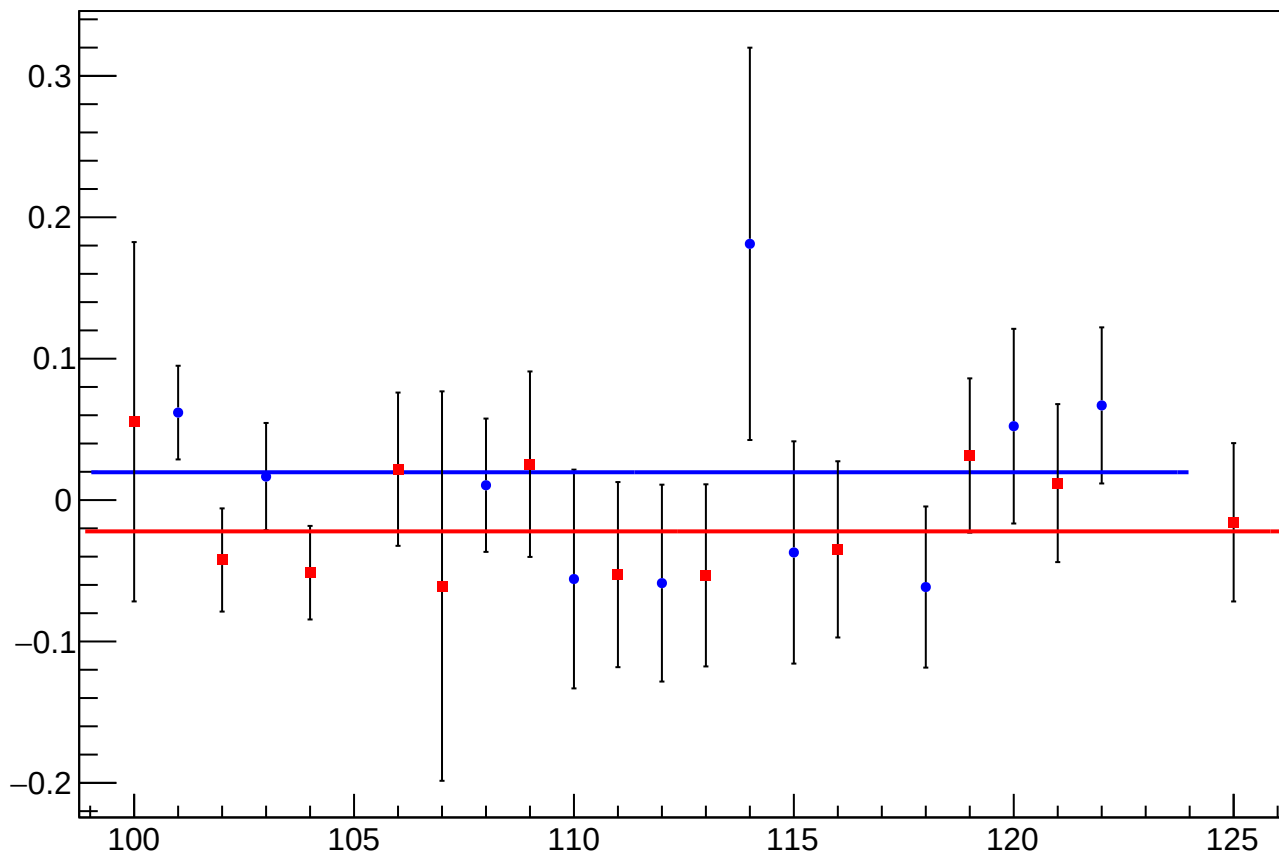
Right: 0.000+/-0.000 χ^2/NDF : 3310588.1/21

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 : 3310588.1/21

asym_usl_overload_cor_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: -0.022+/-0.016 χ^2/NDF : 4.6/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

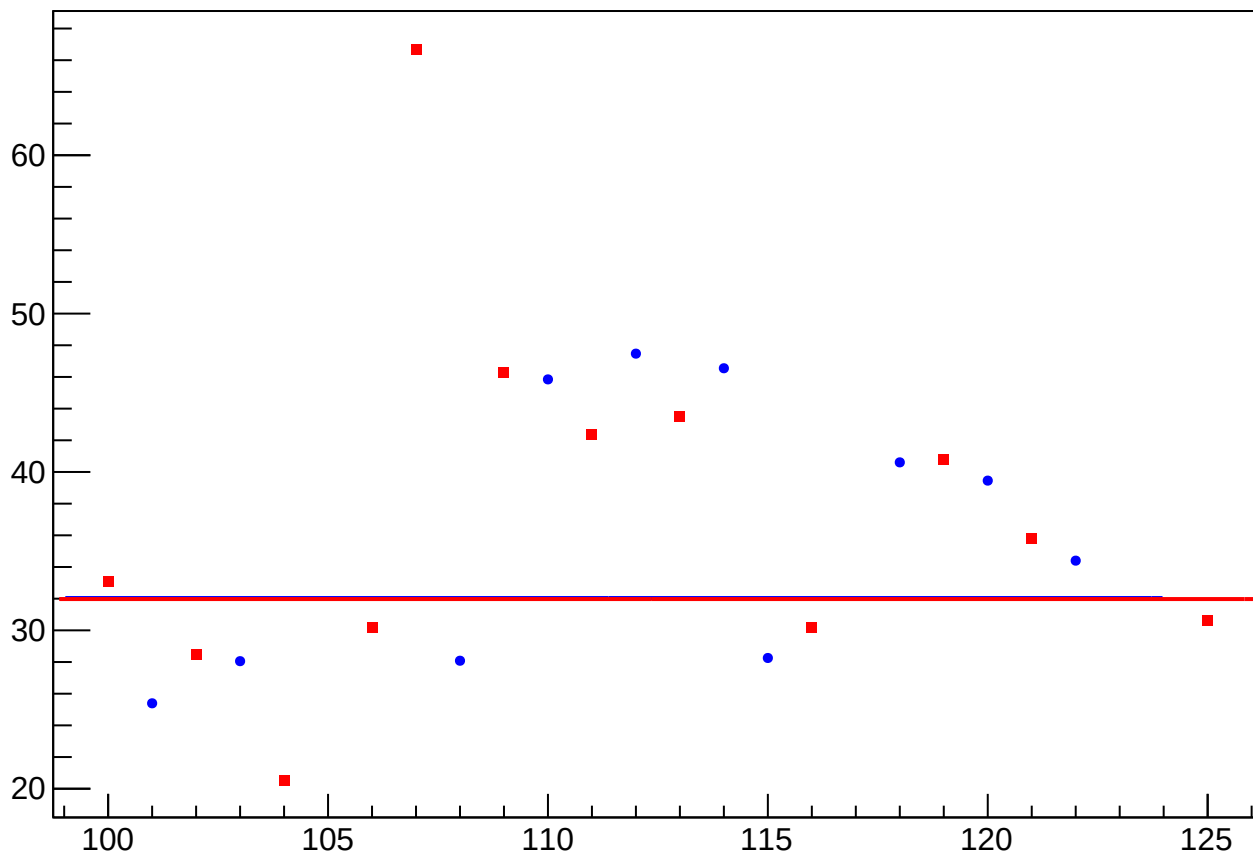
Right: -0.003+/-0.012 χ^2/NDF : 16.6/21

In: 0.020+/-0.017 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.003+/-0.012 χ^2/NDF : 16.6/21

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: 31.976+/-0.011 χ^2/NDF : 661935.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

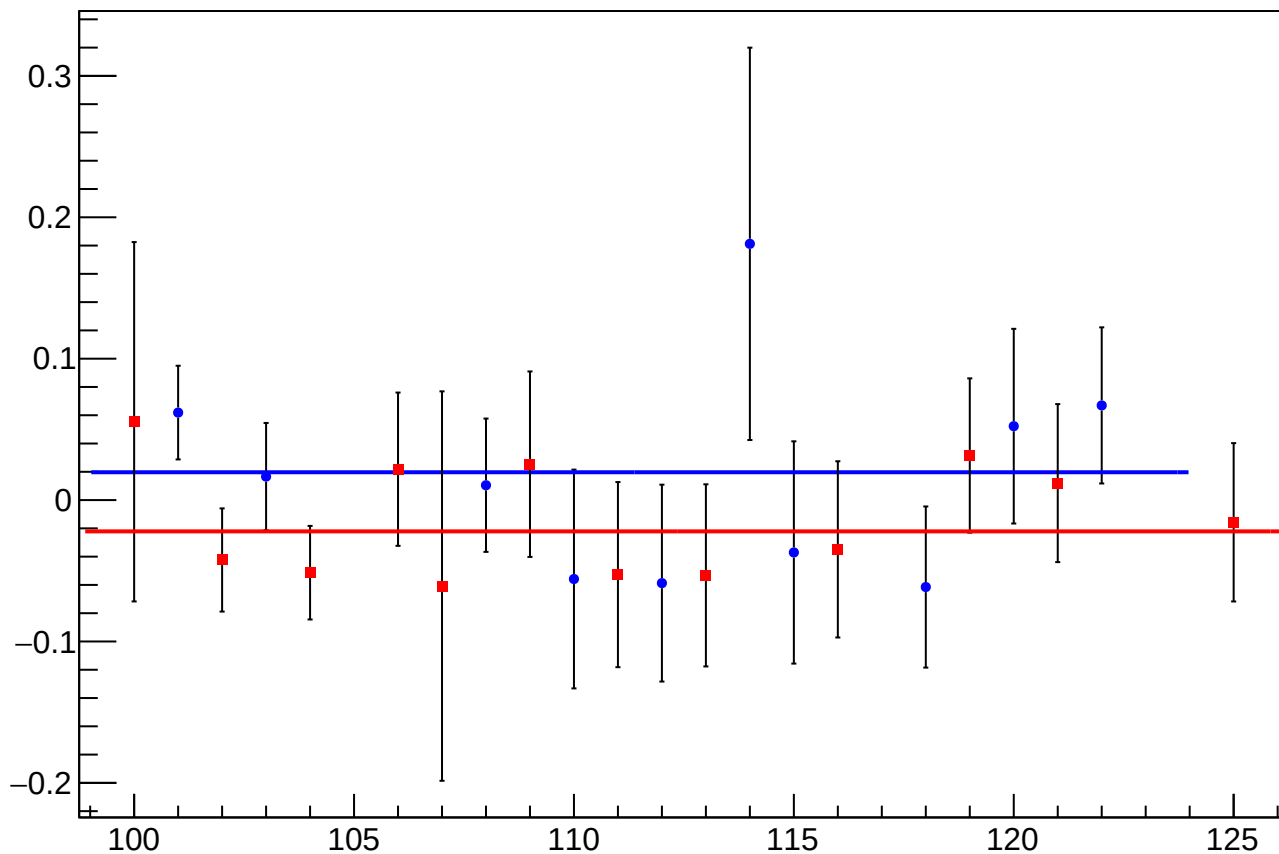
Right: 32.006+/-0.008 χ^2/NDF : 1039182.0/21

In: 32.040+/-0.012 χ^2/NDF : 377230.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.006+/-0.008 χ^2/NDF : 1039182.0/21

asym_usl_overload_cor_vs_eigen_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: -0.022+/-0.016 χ^2/NDF : 4.6/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

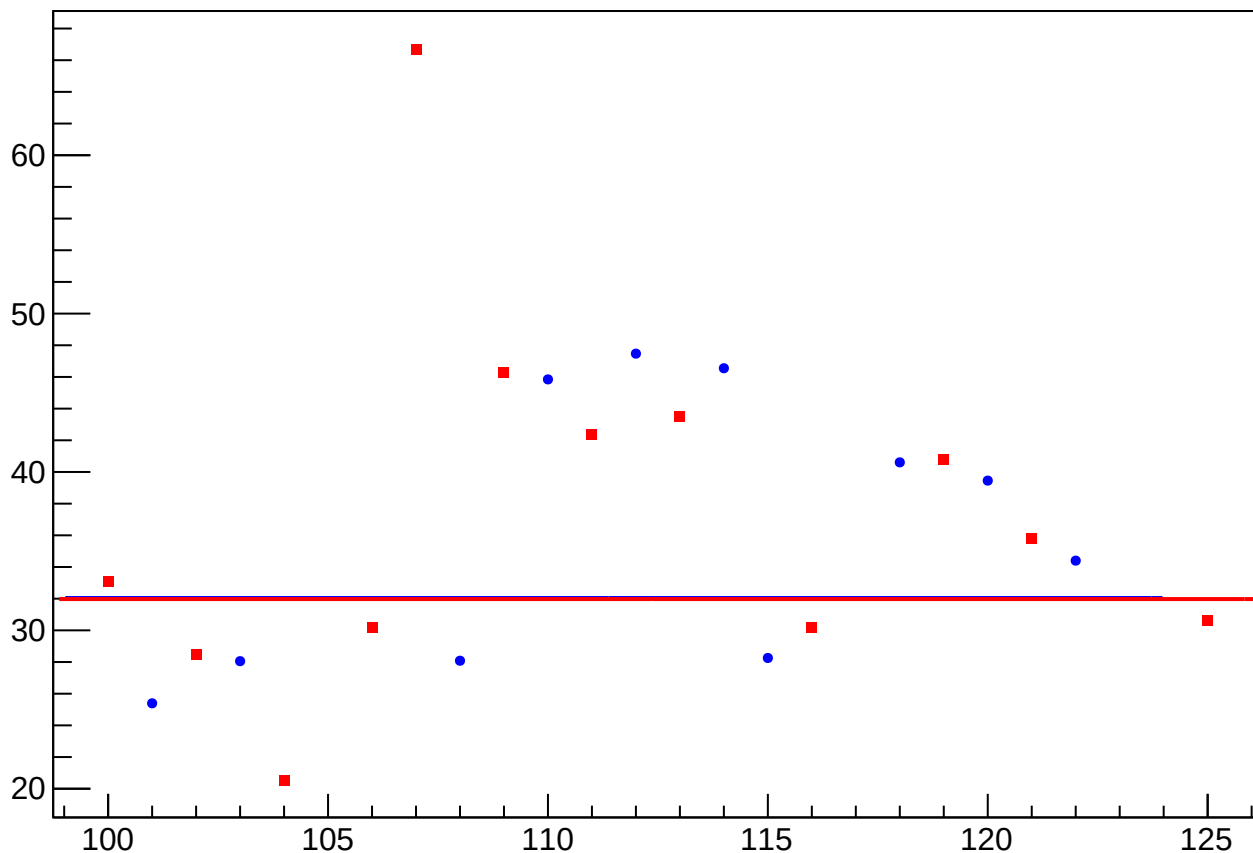
Right: -0.003+/-0.012 χ^2/NDF : 16.6/21

In: 0.020+/-0.017 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.003+/-0.012 χ^2/NDF : 16.6/21

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: 31.976+/-0.011 χ^2/NDF : 661935.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

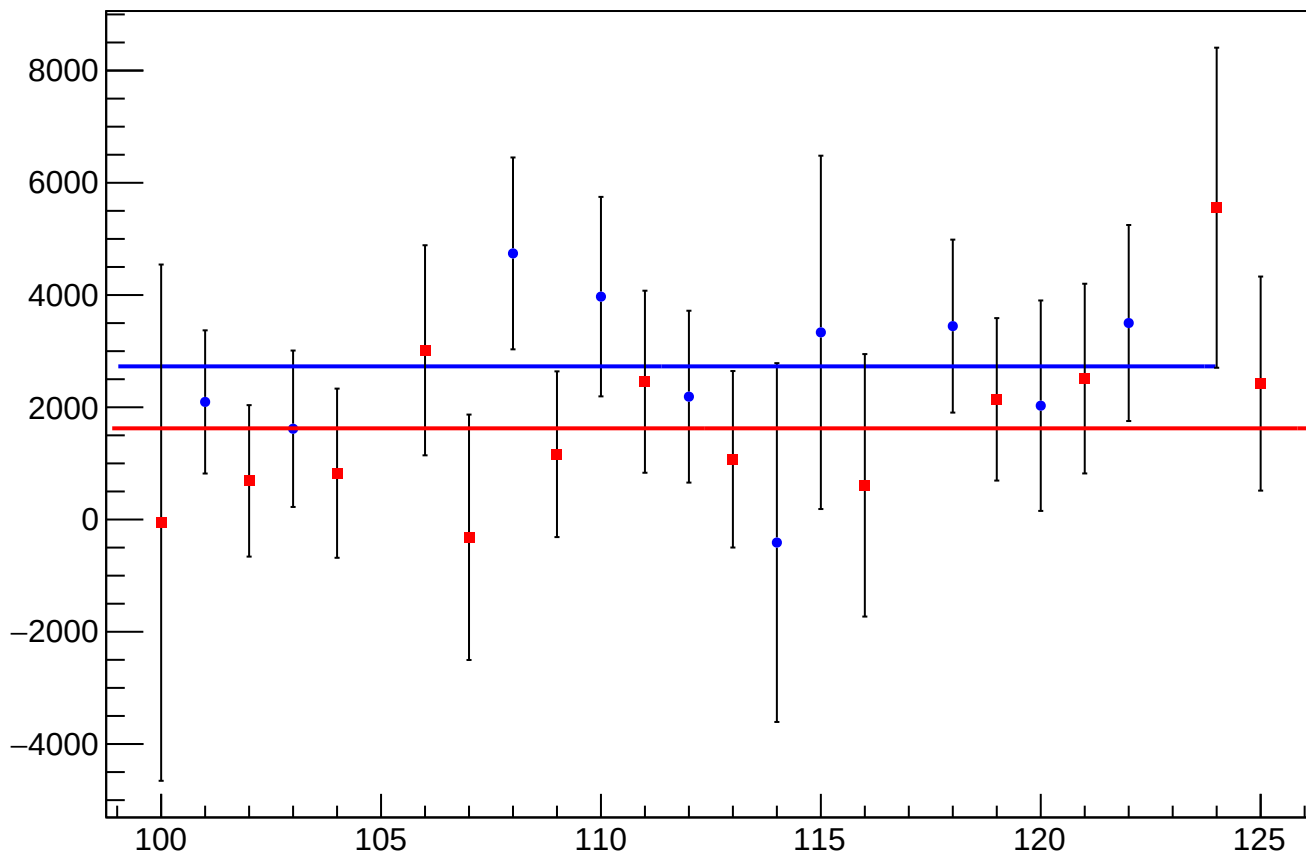
Right: 32.006+/-0.008 χ^2/NDF : 1039182.0/21

In: 32.040+/-0.012 χ^2/NDF : 377230.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.006+/-0.008 χ^2/NDF : 1039182.0/21

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: 1624.938+/-488.969 χ^2/NDF : 5.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

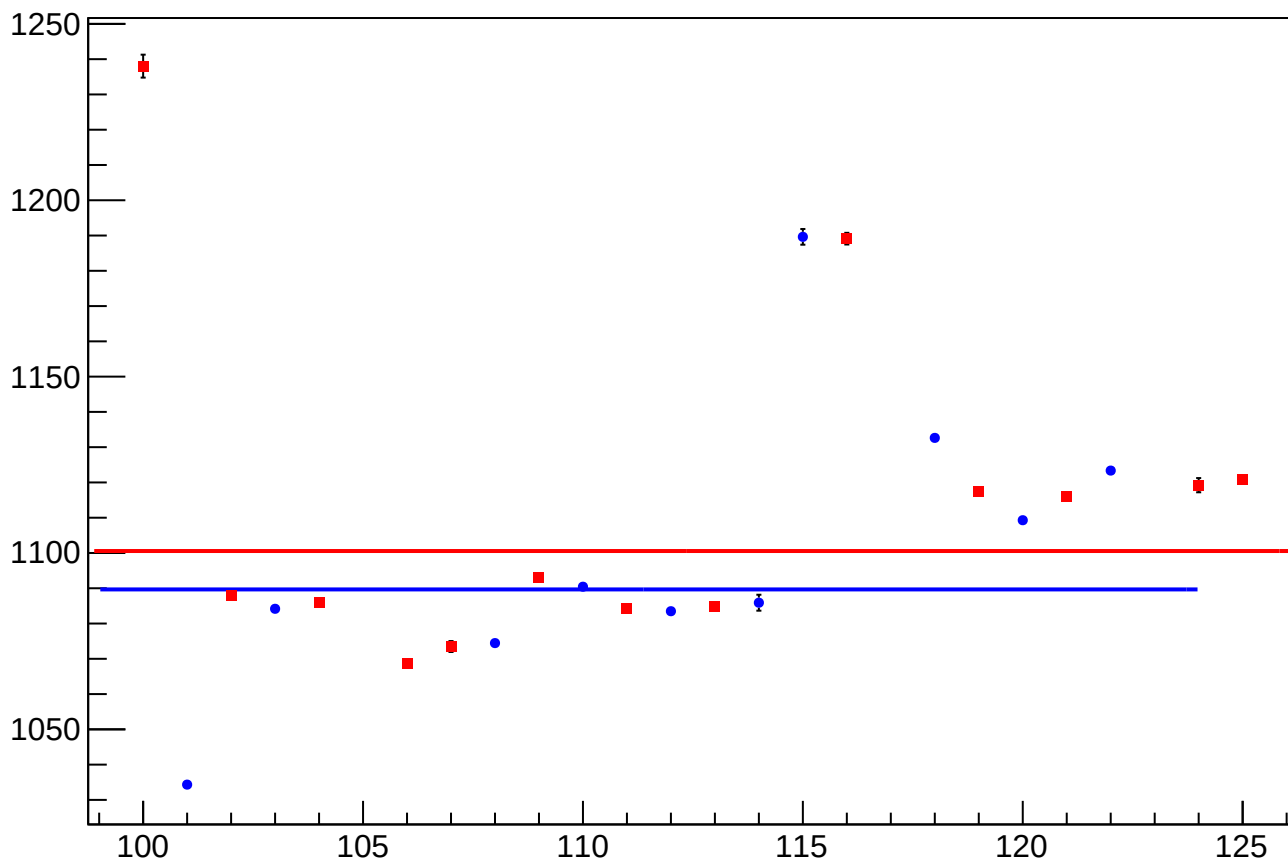
Right: 2123.787+/-362.030 χ^2/NDF : 12.1/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2123.787+/-362.030 χ^2/NDF : 12.1/22

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: 1100.559+/-0.346 χ^2/NDF : 7105.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

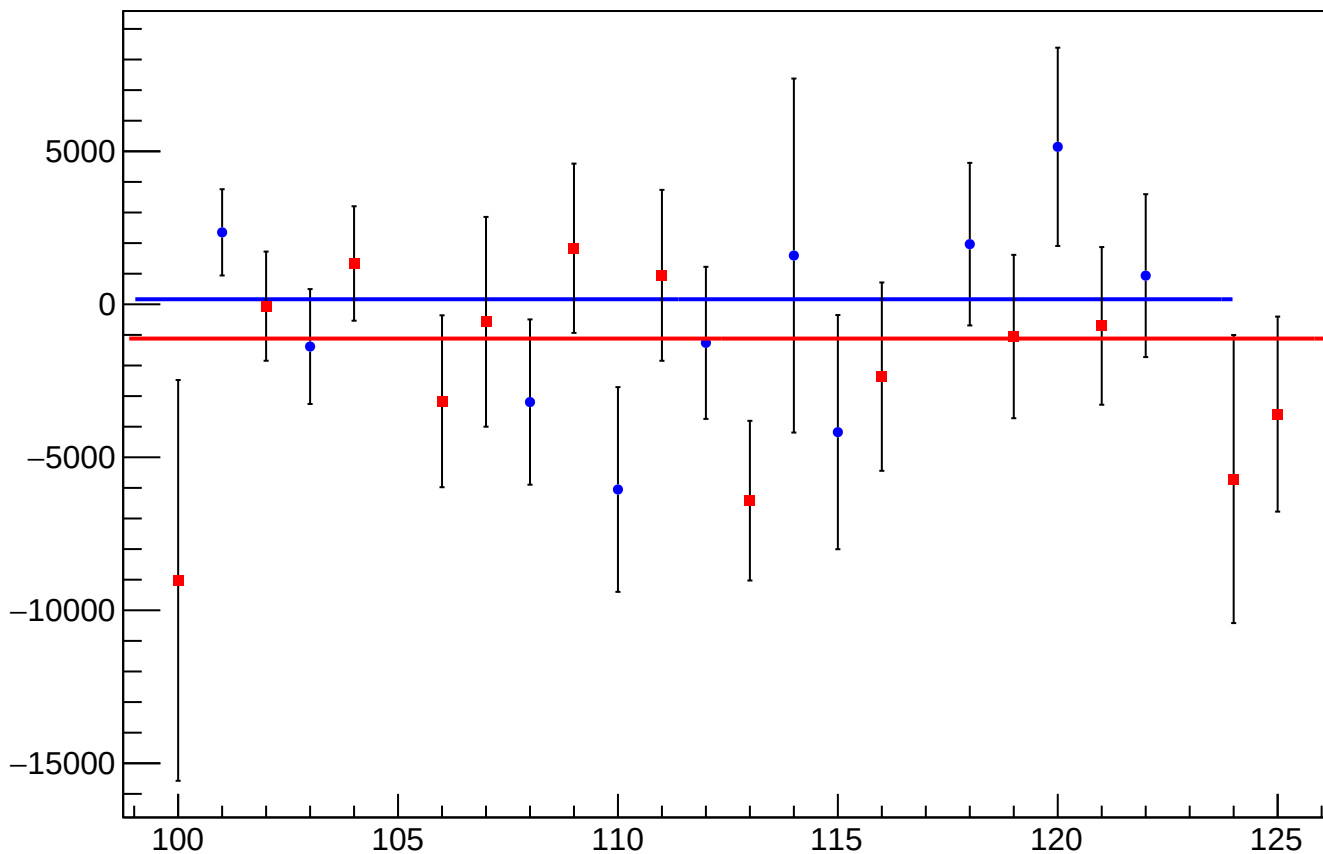
Right: 1095.639+/-0.256 χ^2/NDF : 16077.1/22

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1095.639+/-0.256 χ^2/NDF : 16077.1/22

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: -1119.876+/-749.257 χ^2/NDF : 11.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

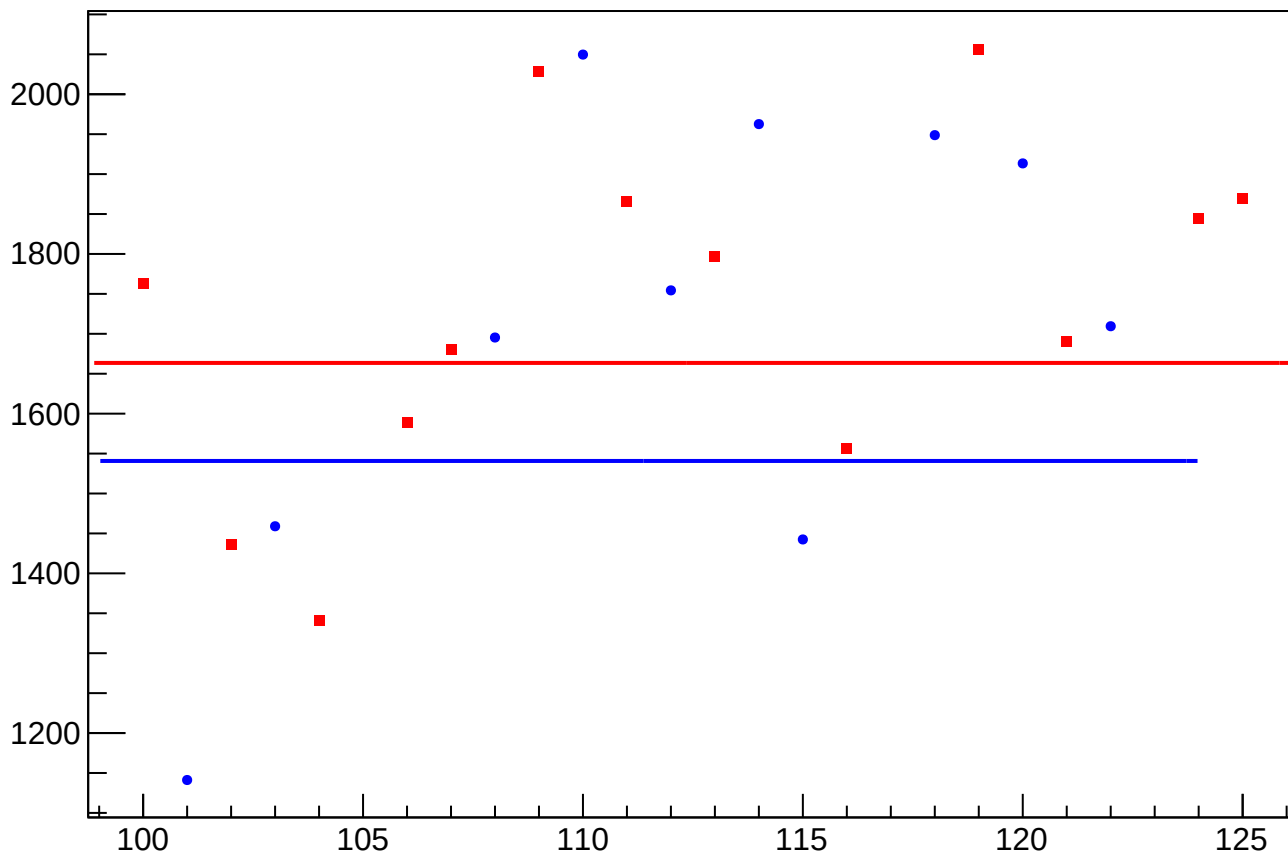
Right: -501.695+/-539.721 χ^2/NDF : 25.7/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -501.695+/-539.721 χ^2/NDF : 25.7/22

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: 1663.527+/-0.530 χ^2/NDF : 201651.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

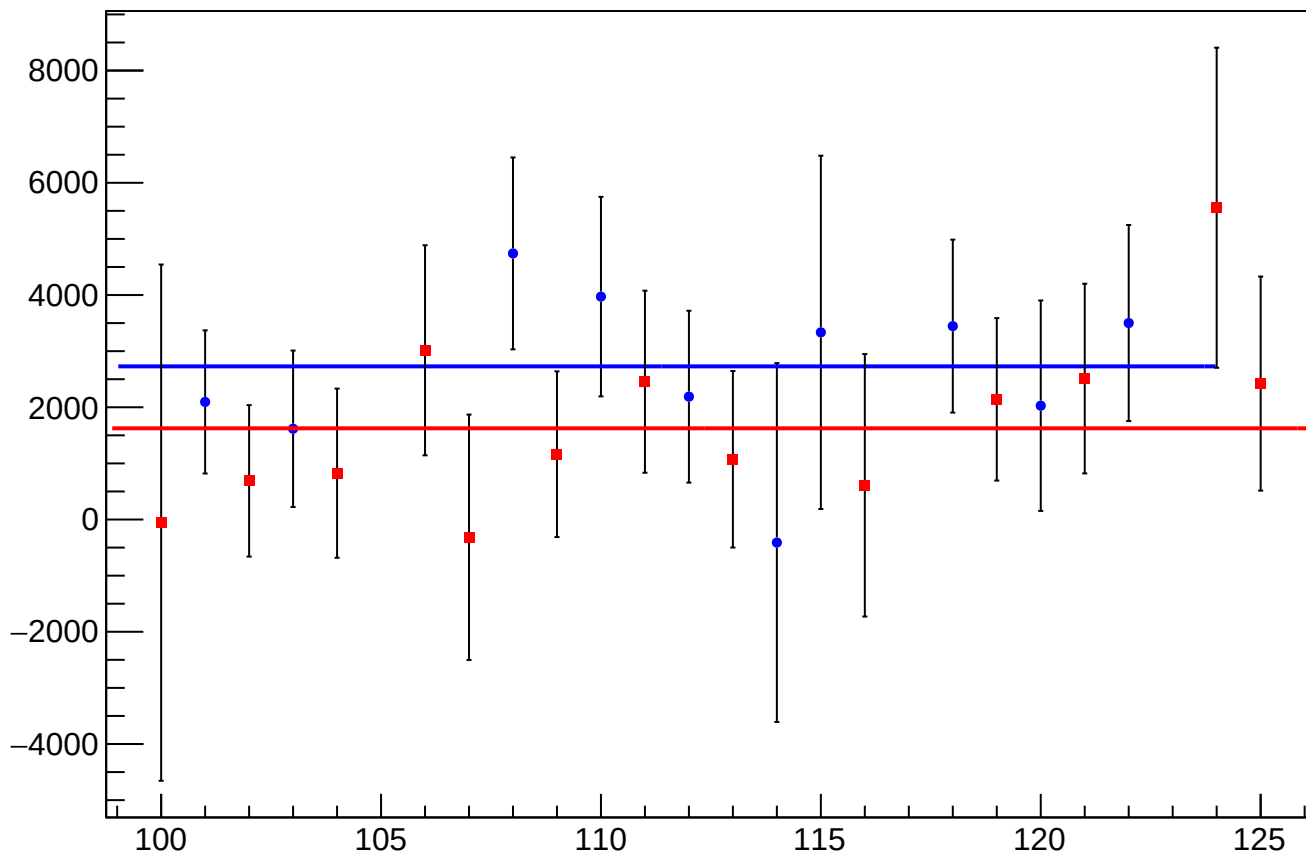
Right: 1604.461+/-0.382 χ^2/NDF : 553199.9/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1604.461+/-0.382 χ^2/NDF : 553199.9/22

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: 1624.938+/-488.969 χ^2/NDF : 5.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

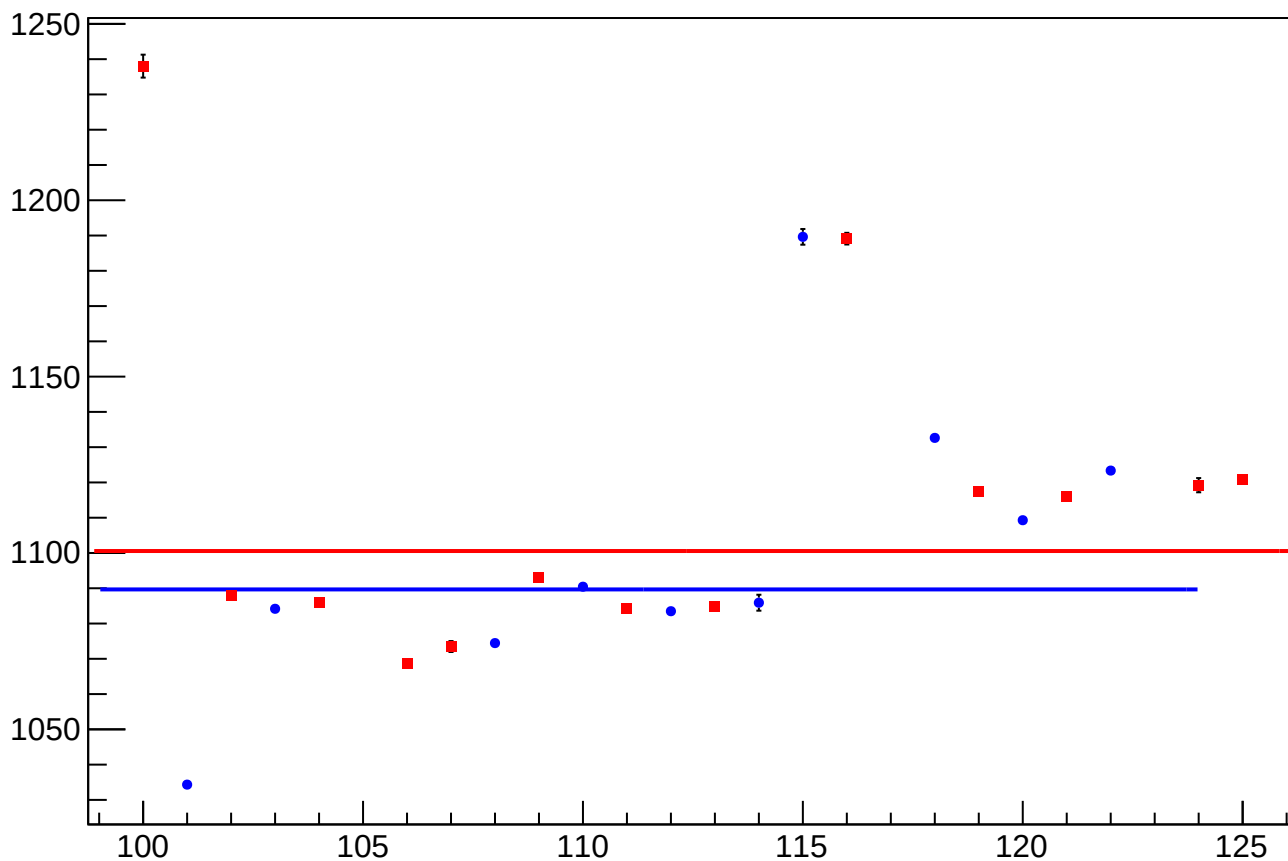
Right: 2123.787+/-362.030 χ^2/NDF : 12.1/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2123.787+/-362.030 χ^2/NDF : 12.1/22

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: 1100.559+/-0.346 χ^2/NDF : 7105.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

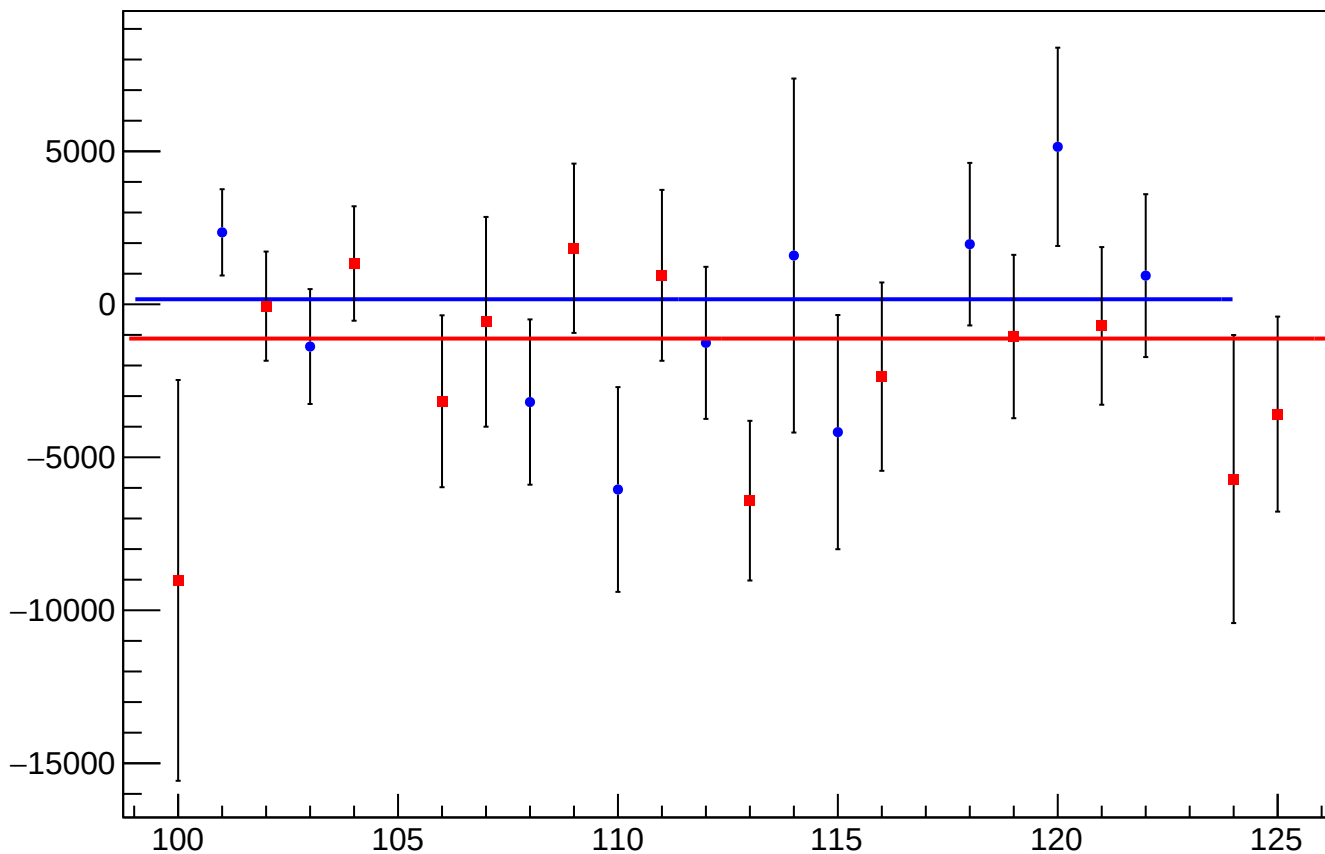
Right: 1095.639+/-0.256 χ^2/NDF : 16077.1/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1095.639+/-0.256 χ^2/NDF : 16077.1/22

asym_usr_cor_correction_mean vs Slug, Sign Corrected



Right In: 165.034 $\pm$ 778.122 χ^2/NDF : 12.7/9

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

Right Out: -1119.876 $\pm$ 749.257 χ^2/NDF : 11.6/12

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

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

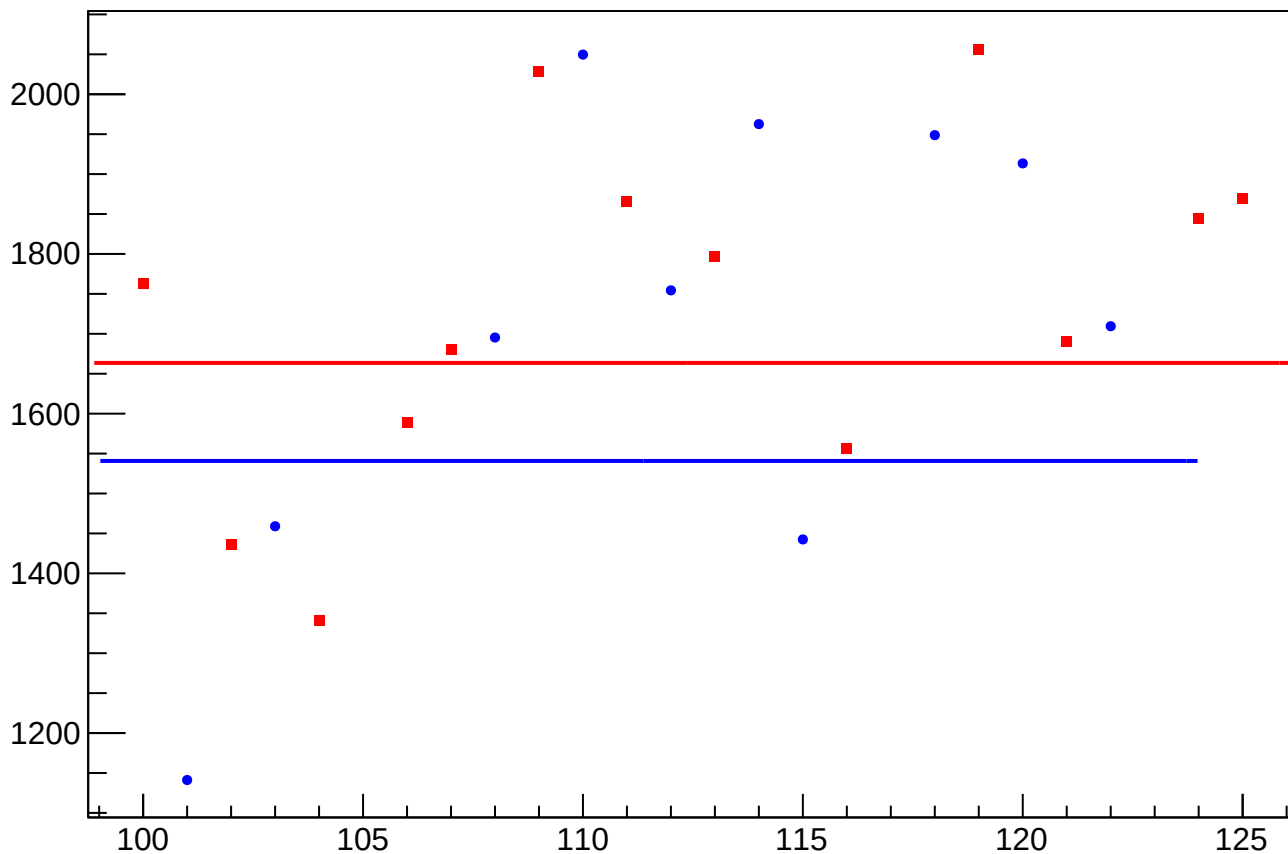
Right: -501.695 $\pm$ 539.721 χ^2/NDF : 25.7/22

In: 165.034 $\pm$ 778.122 χ^2/NDF : 12.7/9

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

All: -501.695 $\pm$ 539.721 χ^2/NDF : 25.7/22

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: 1663.527+/-0.530 χ^2/NDF : 201651.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

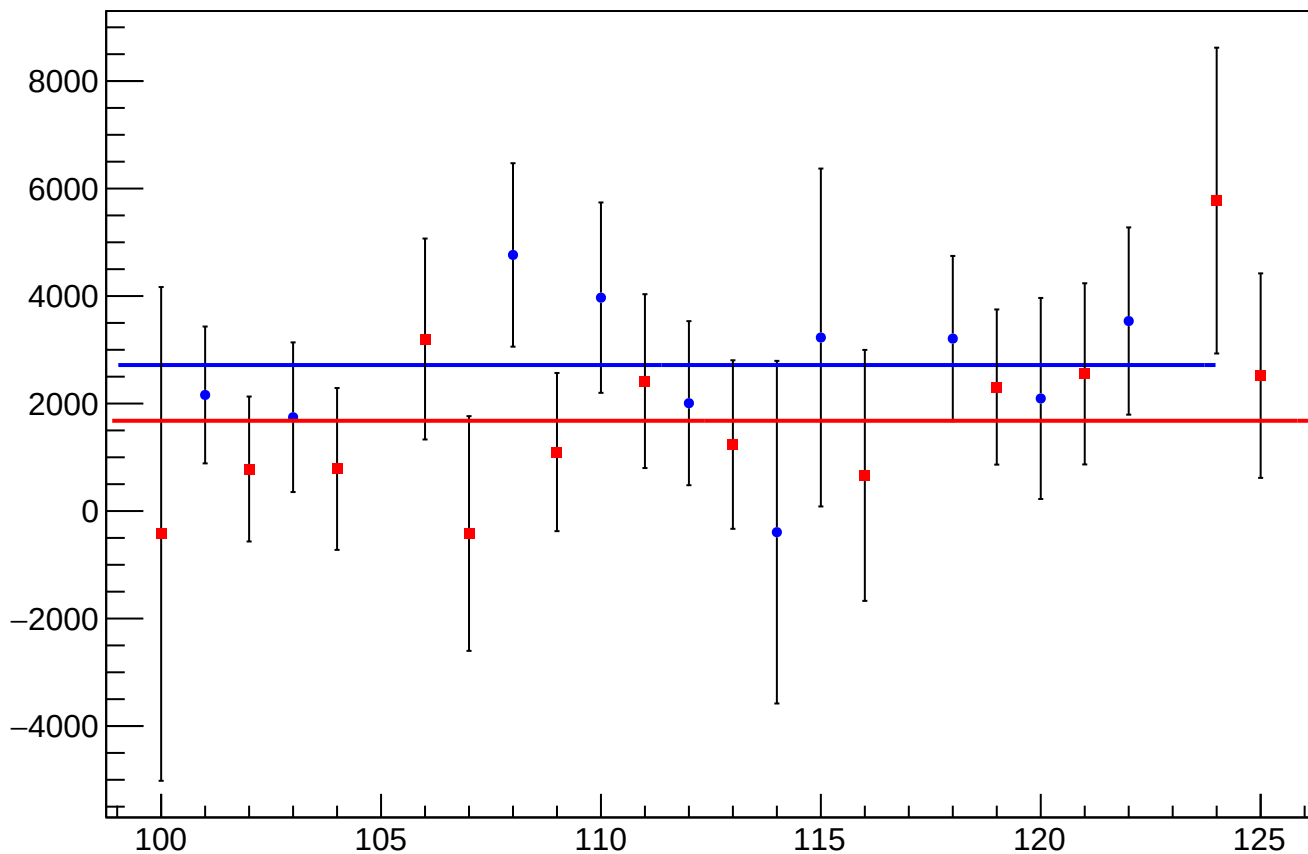
Right: 1604.461+/-0.382 χ^2/NDF : 553199.9/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1604.461+/-0.382 χ^2/NDF : 553199.9/22

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: 1679.552+/-487.903 χ^2/NDF : 6.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

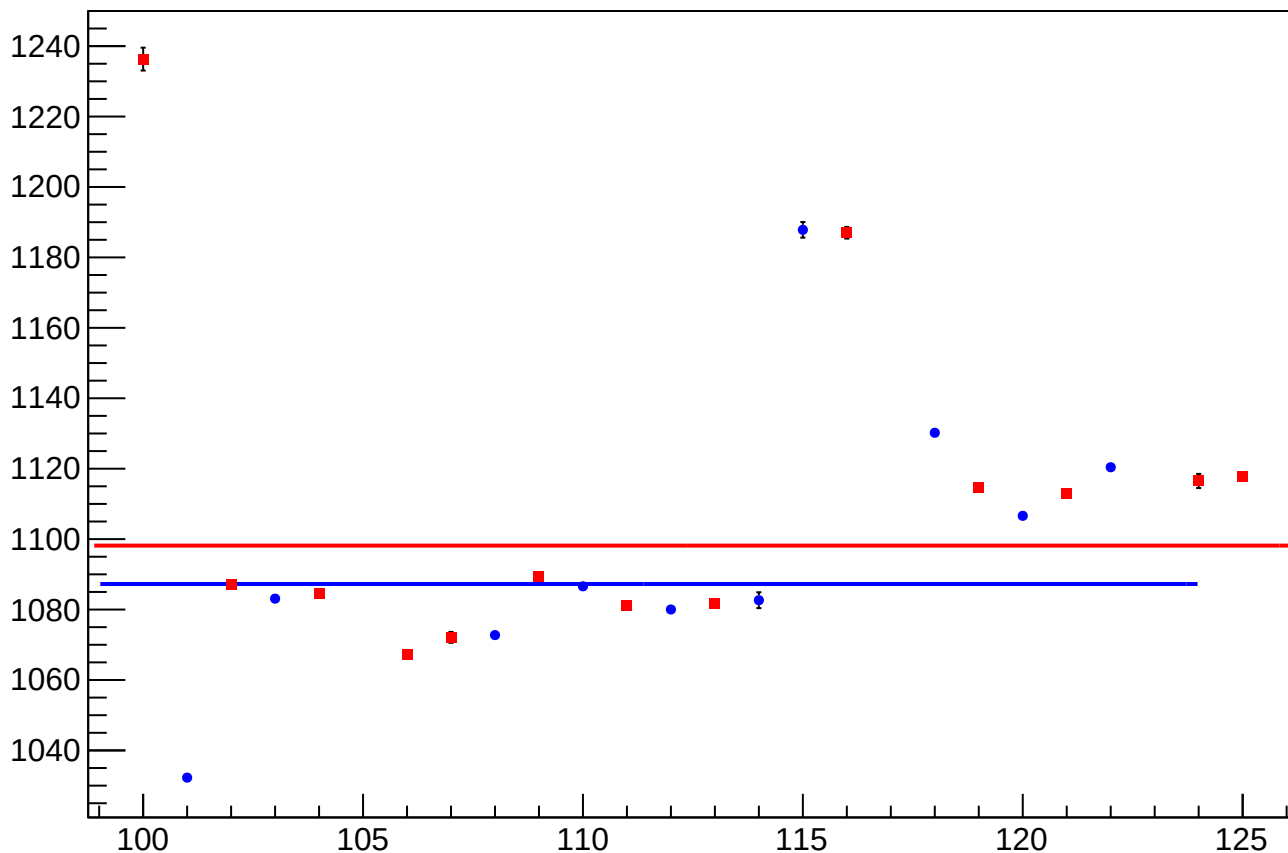
Right: 2148.058+/-361.234 χ^2/NDF : 12.2/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2148.058+/-361.234 χ^2/NDF : 12.2/22

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: 1098.161+/-0.345 χ^2/NDF : 7059.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

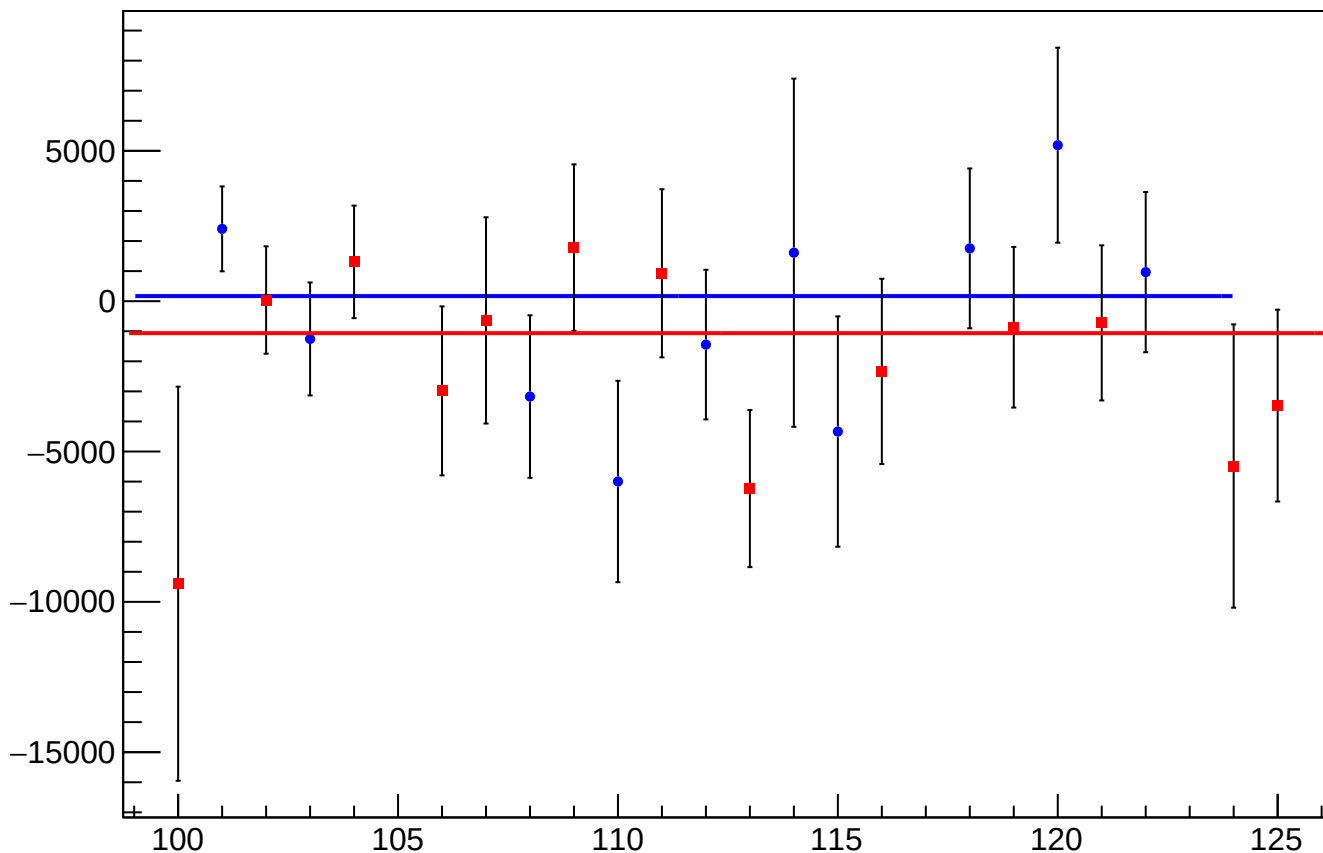
Right: 1093.232+/-0.255 χ^2/NDF : 16000.6/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1093.232+/-0.255 χ^2/NDF : 16000.6/22

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: -1063.690+/-749.880 χ^2/NDF : 11.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

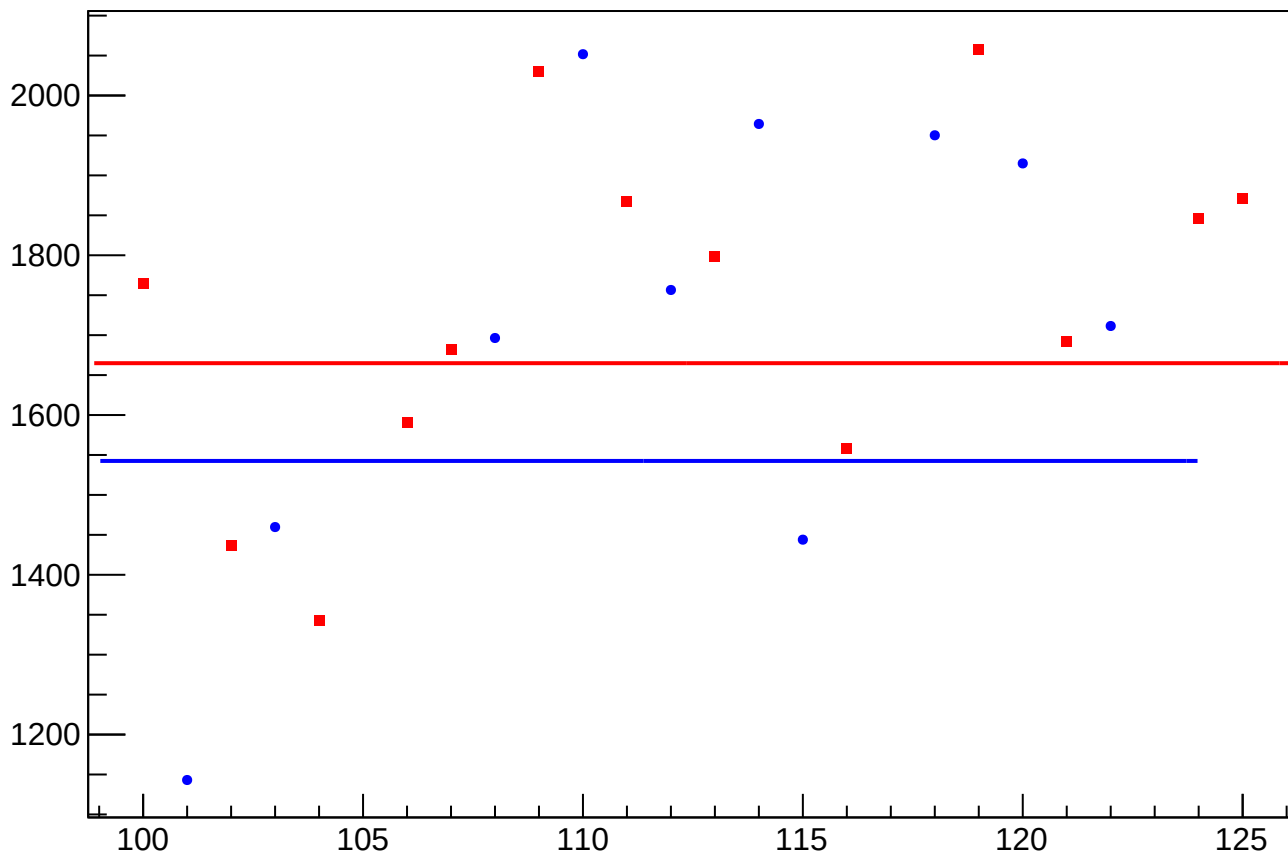
Right: -470.686+/-540.237 χ^2/NDF : 25.2/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -470.686+/-540.237 χ^2/NDF : 25.2/22

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: 1664.907+/-0.530 χ^2/NDF : 201879.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

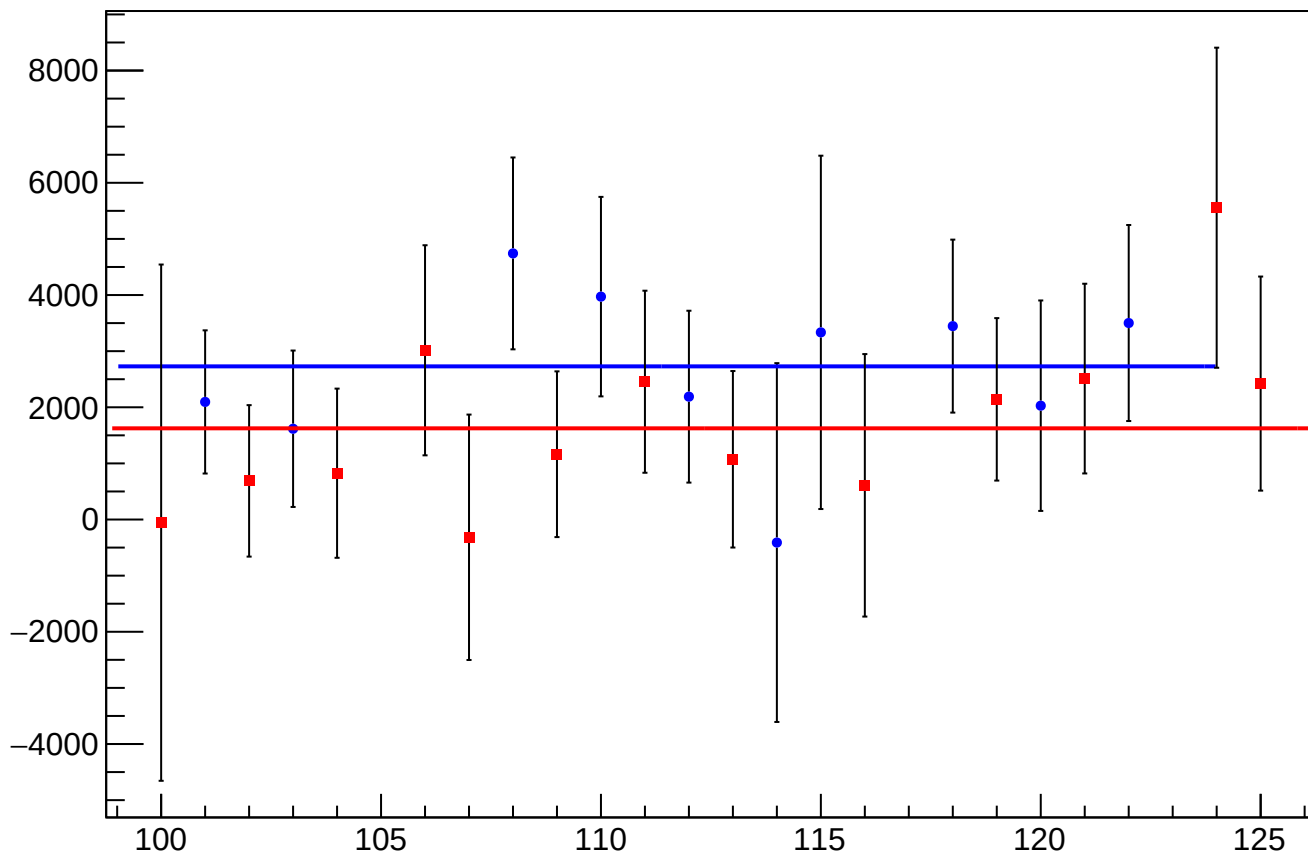
Right: 1606.047+/-0.382 χ^2/NDF : 552335.3/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1606.047+/-0.382 χ^2/NDF : 552335.3/22

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: 1624.938+/-488.969 χ^2/NDF : 5.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

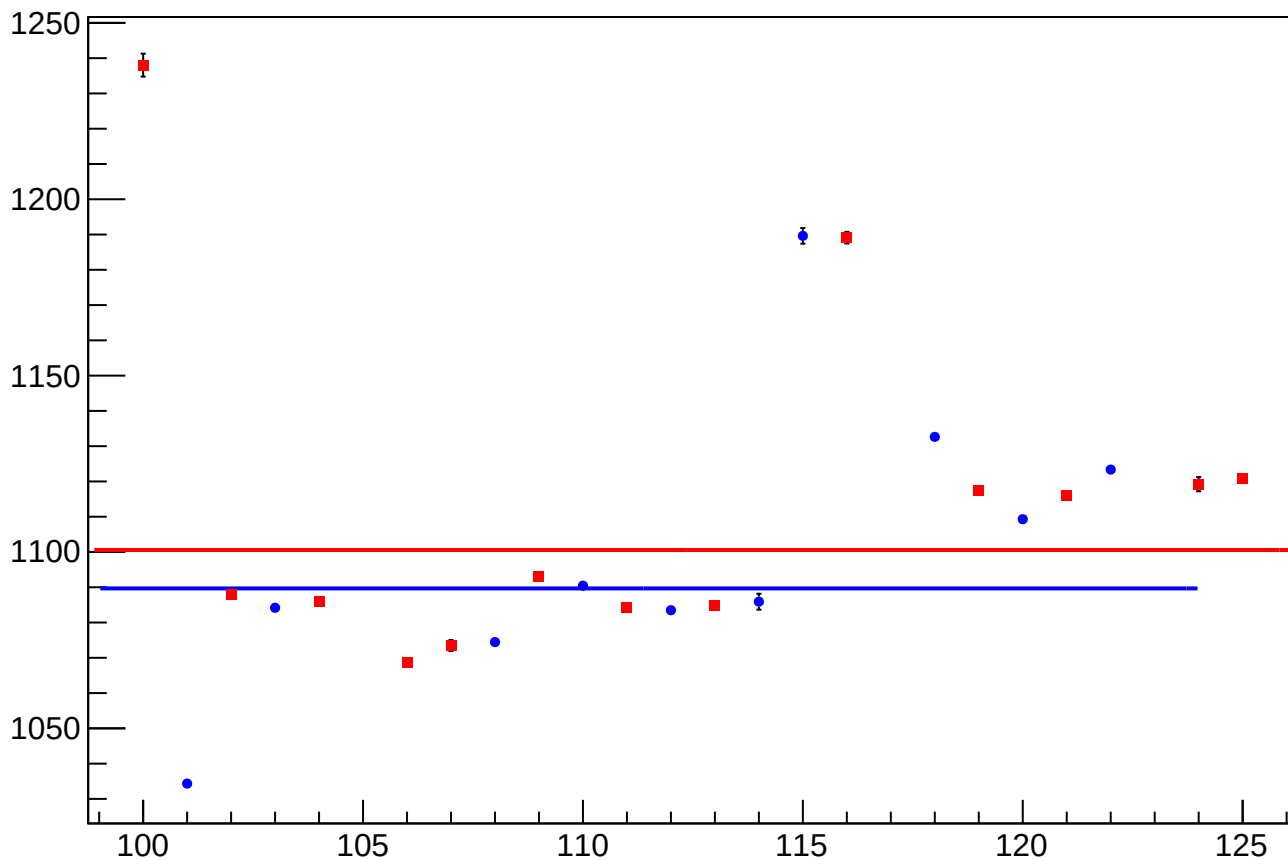
Right: 2123.787+/-362.030 χ^2/NDF : 12.1/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2123.787+/-362.030 χ^2/NDF : 12.1/22

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: 1100.559+/-0.346 χ^2/NDF : 7105.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

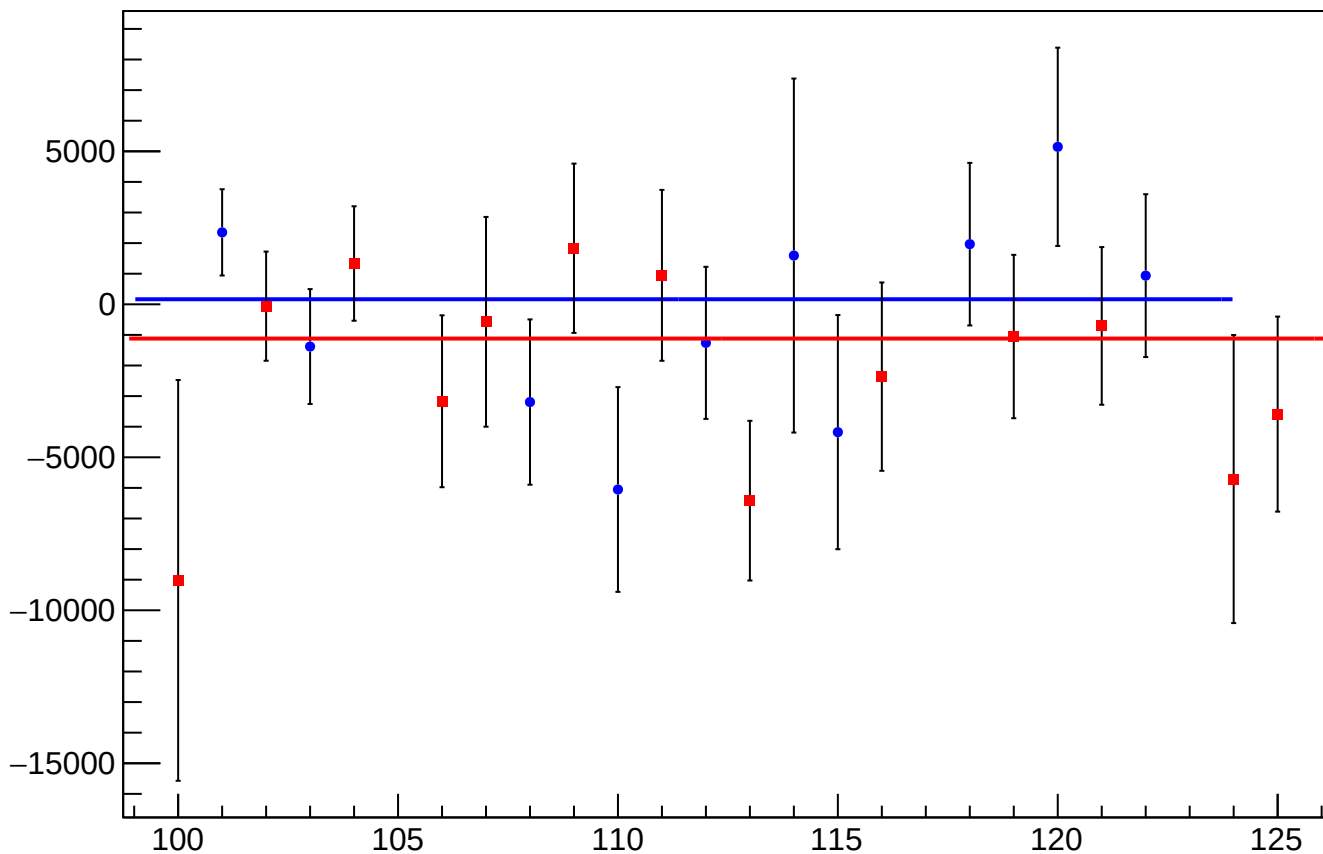
Right: 1095.639+/-0.256 χ^2/NDF : 16077.1/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1095.639+/-0.256 χ^2/NDF : 16077.1/22

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: -1119.876+/-749.257 χ^2/NDF : 11.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

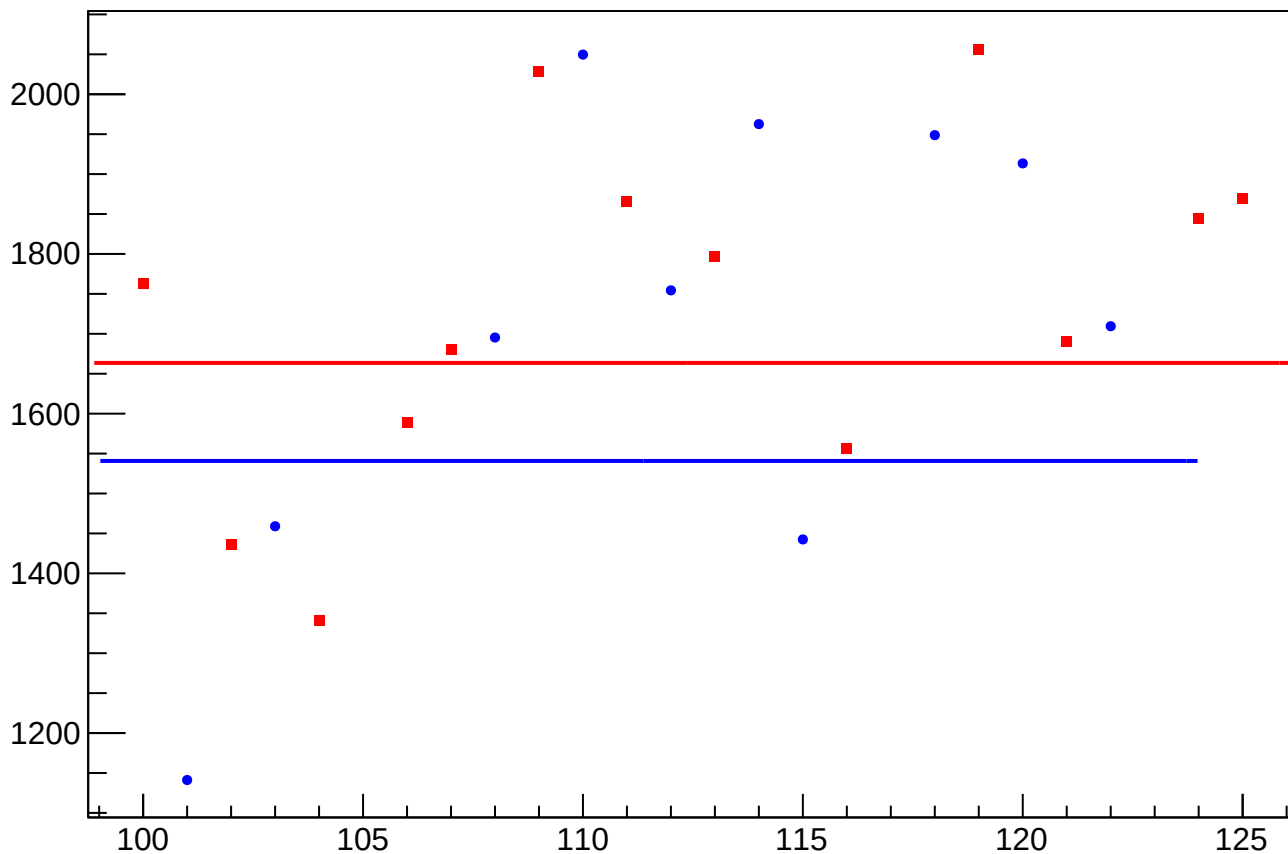
Right: -501.695+/-539.721 χ^2/NDF : 25.7/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -501.695+/-539.721 χ^2/NDF : 25.7/22

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: 1663.527+/-0.530 χ^2/NDF : 201651.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

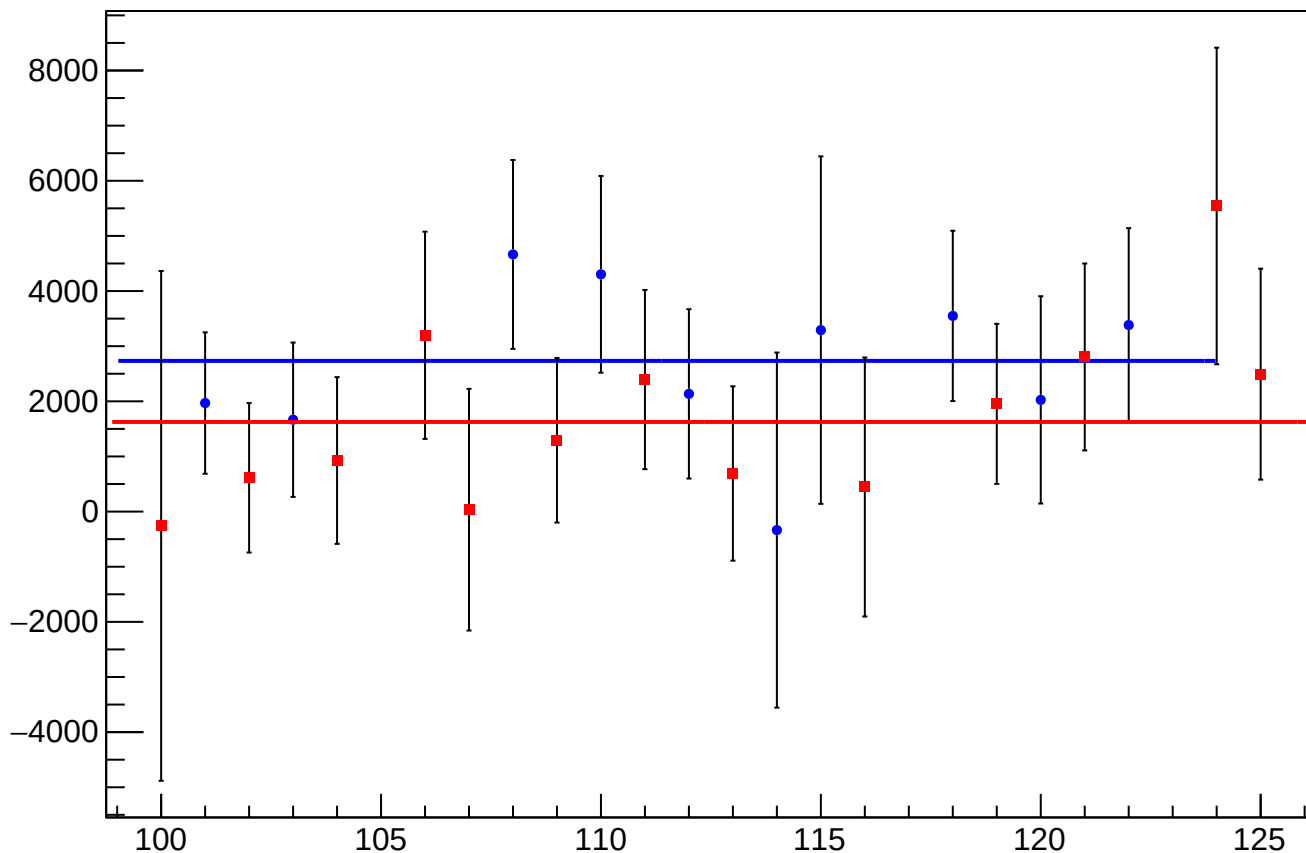
Right: 1604.461+/-0.382 χ^2/NDF : 553199.9/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1604.461+/-0.382 χ^2/NDF : 553199.9/22

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: 1625.828+/-491.113 χ^2/NDF : 5.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

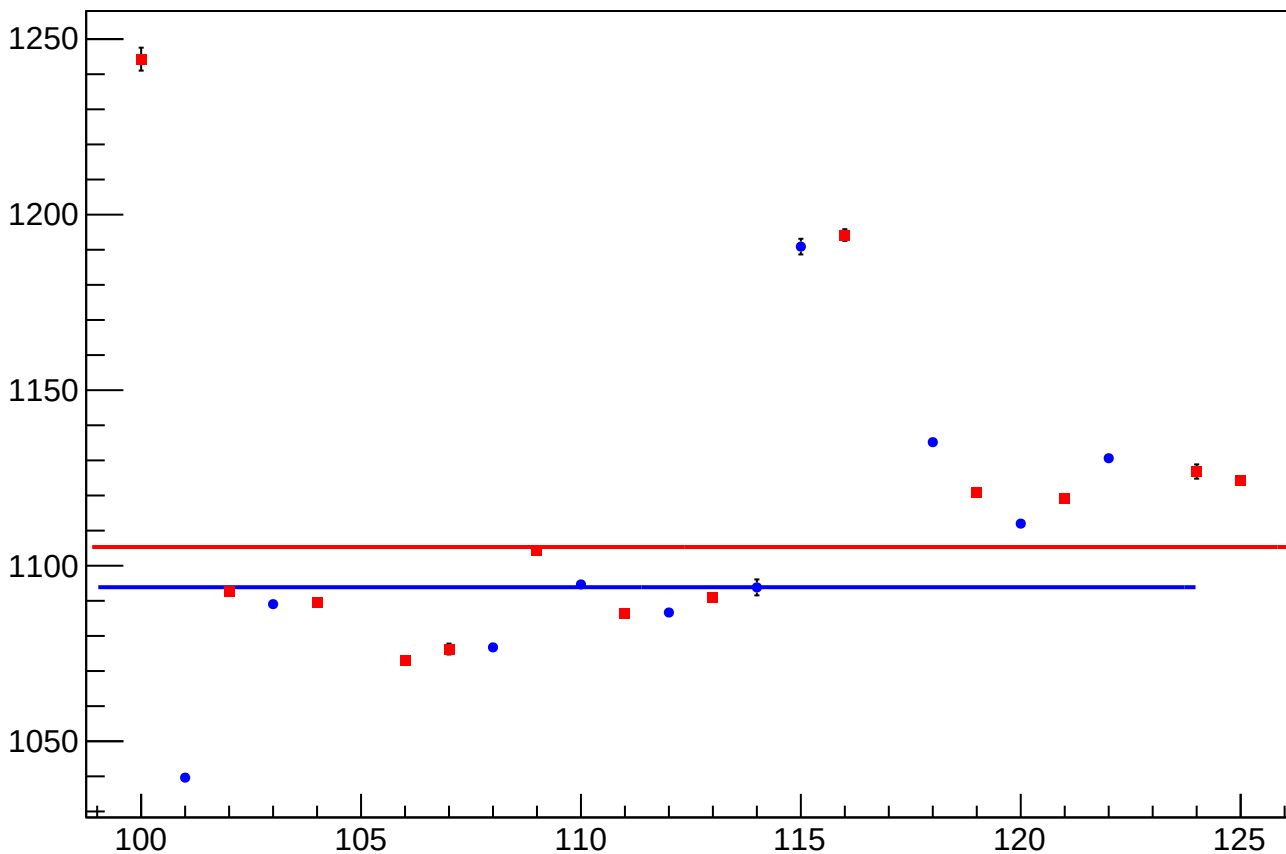
Right: 2126.521+/-363.529 χ^2/NDF : 12.6/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2126.521+/-363.529 χ^2/NDF : 12.6/22

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: 1105.327+/-0.347 χ^2/NDF : 7121.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

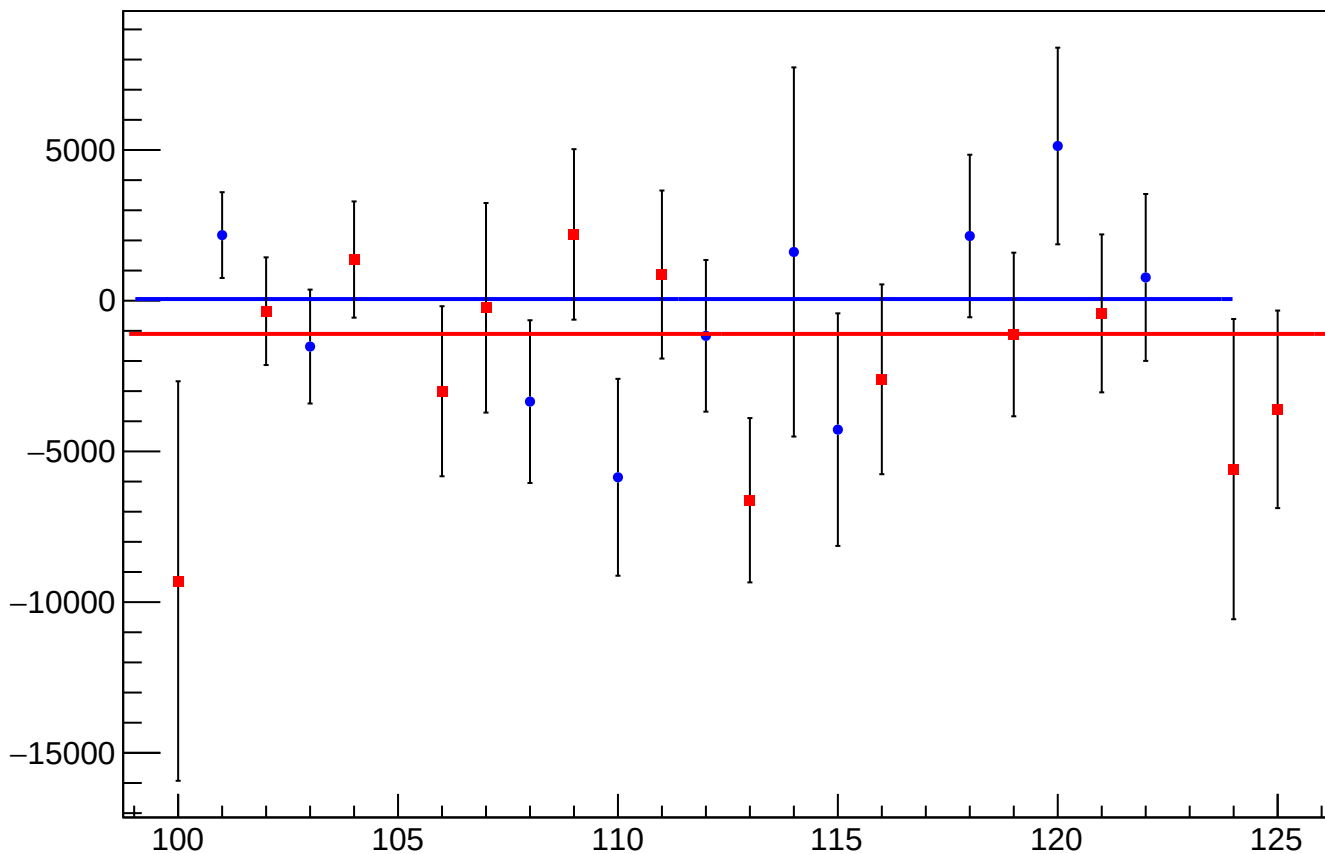
Right: 1100.151+/-0.257 χ^2/NDF : 15845.7/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1100.151+/-0.257 χ^2/NDF : 15845.7/22

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: -1101.661+/-763.053 χ^2/NDF : 11.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

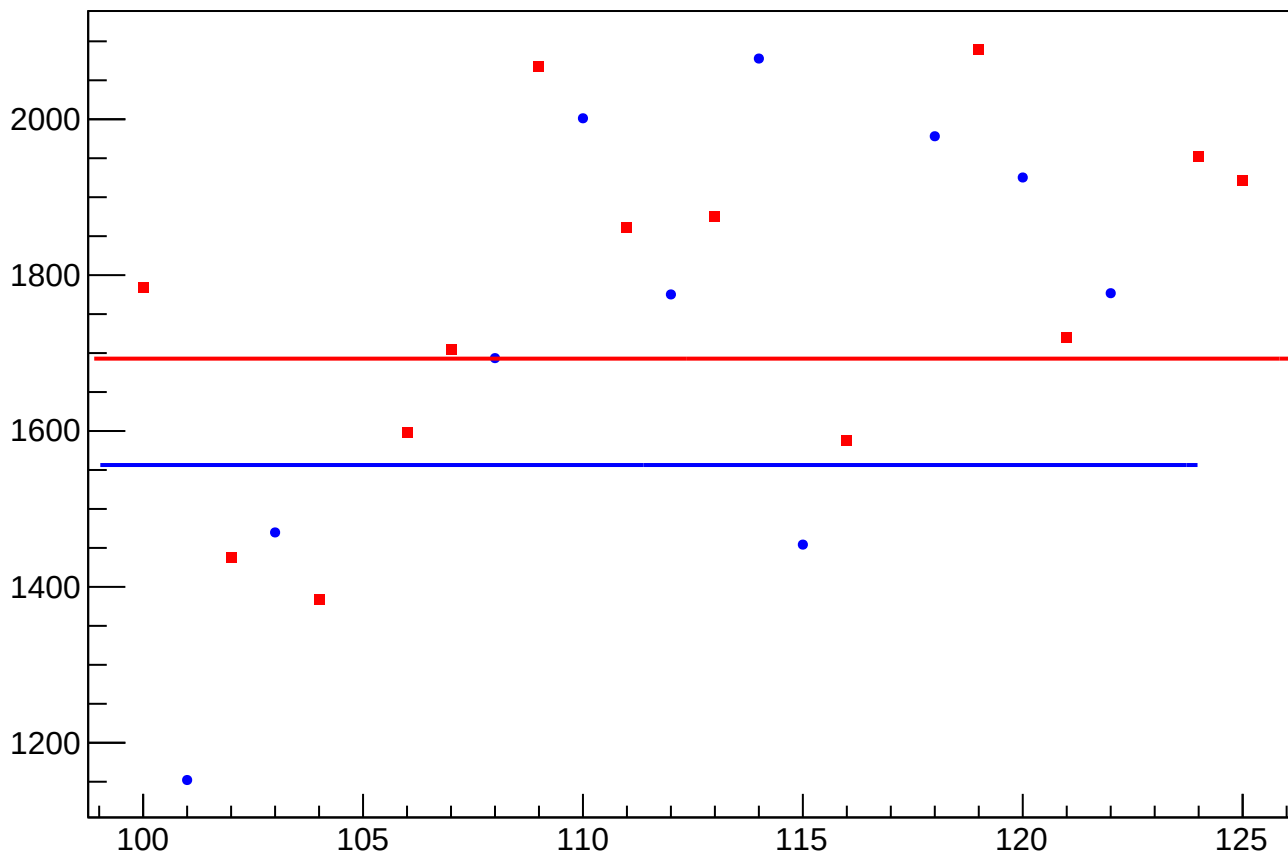
Right: -540.506+/-547.514 χ^2/NDF : 25.1/22

In: 55.004+/-786.064 χ^2/NDF : 12.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -540.506+/-547.514 χ^2/NDF : 25.1/22

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: 1692.867+/-0.540 χ^2/NDF : 206682.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

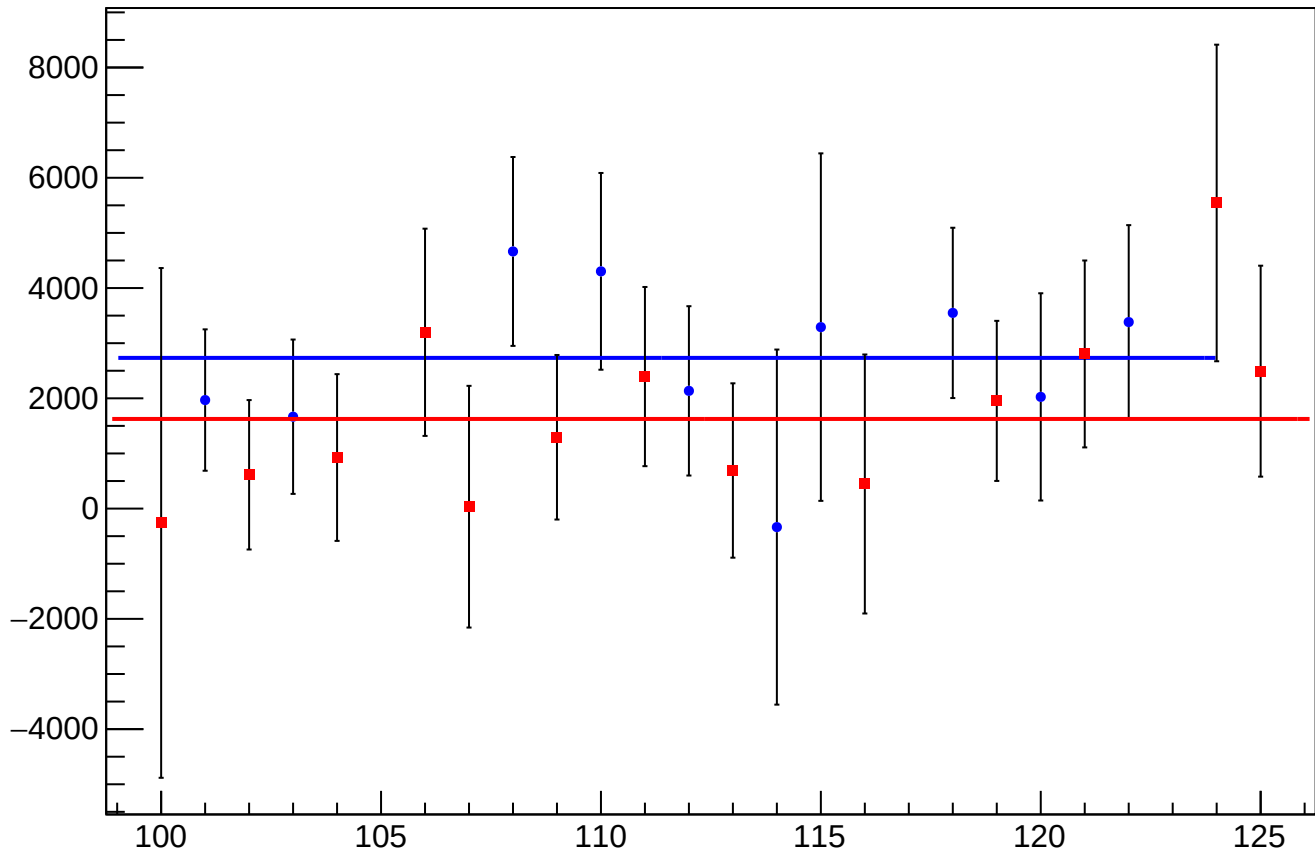
Right: 1626.644+/-0.387 χ^2/NDF : 563652.4/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1626.644+/-0.387 χ^2/NDF : 563652.4/22

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: 1625.833+/-491.113 χ^2/NDF : 5.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

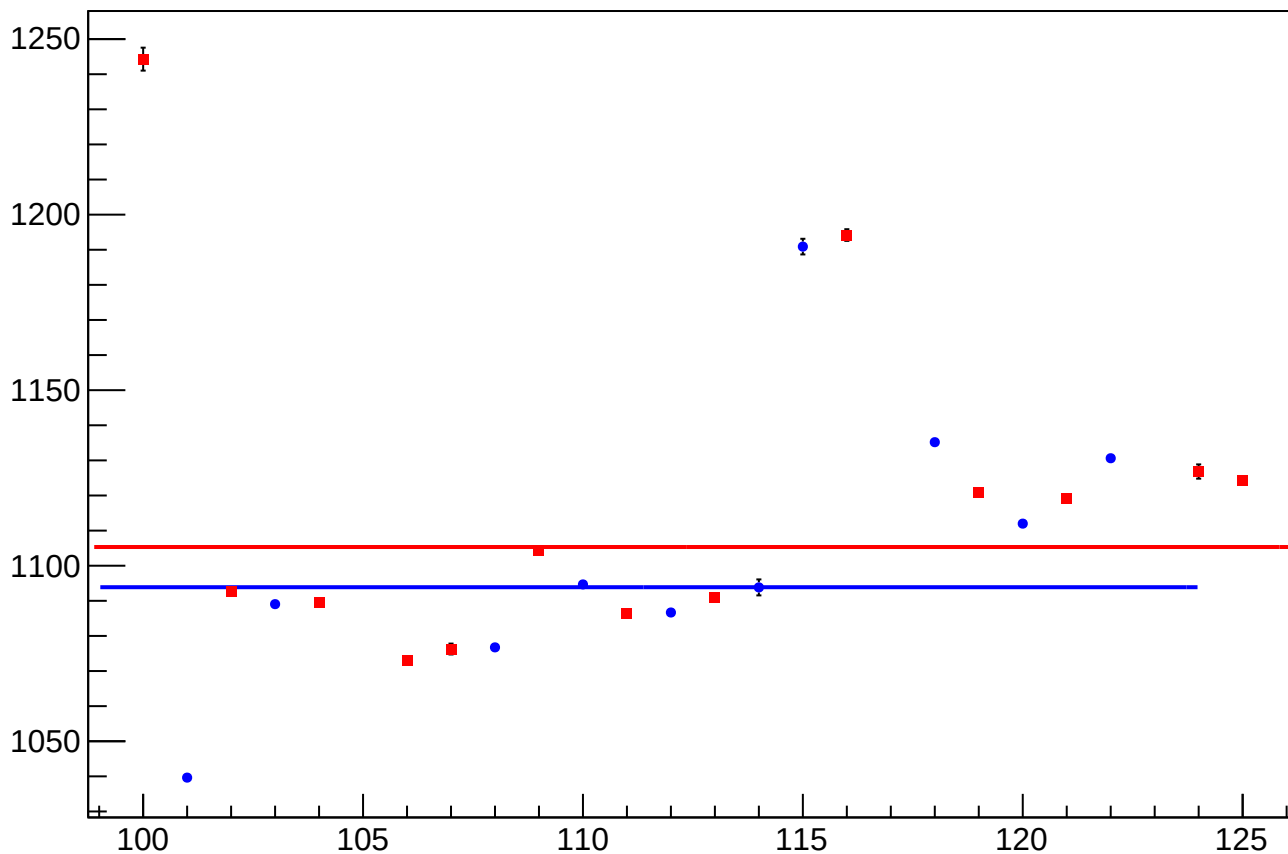
Right: 2126.524+/-363.529 χ^2/NDF : 12.6/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2126.524+/-363.529 χ^2/NDF : 12.6/22

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: 1105.327+/-0.347 χ^2/NDF : 7121.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

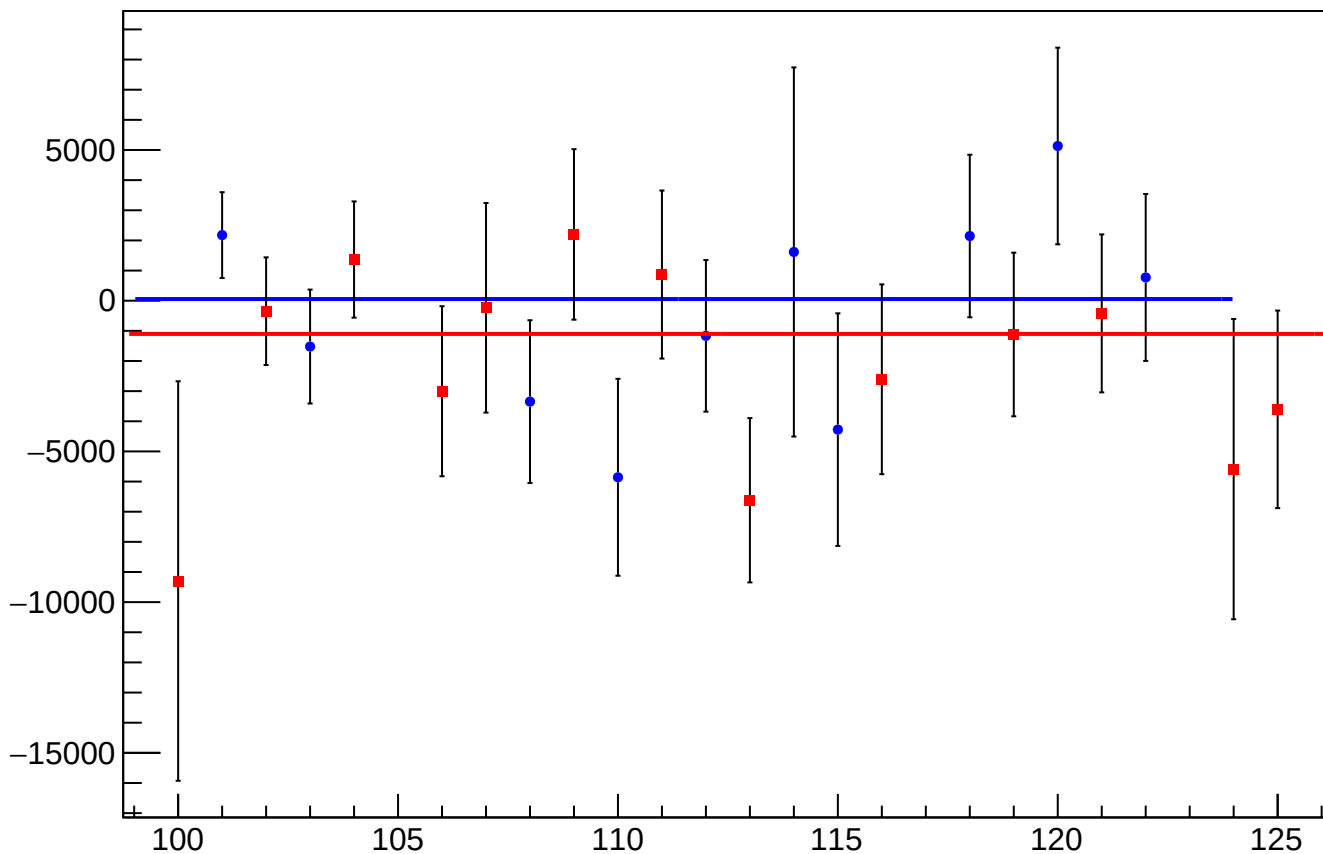
Right: 1100.151+/-0.257 χ^2/NDF : 15845.6/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1100.151+/-0.257 χ^2/NDF : 15845.6/22

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: -1101.664+/-763.053 χ^2/NDF : 11.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

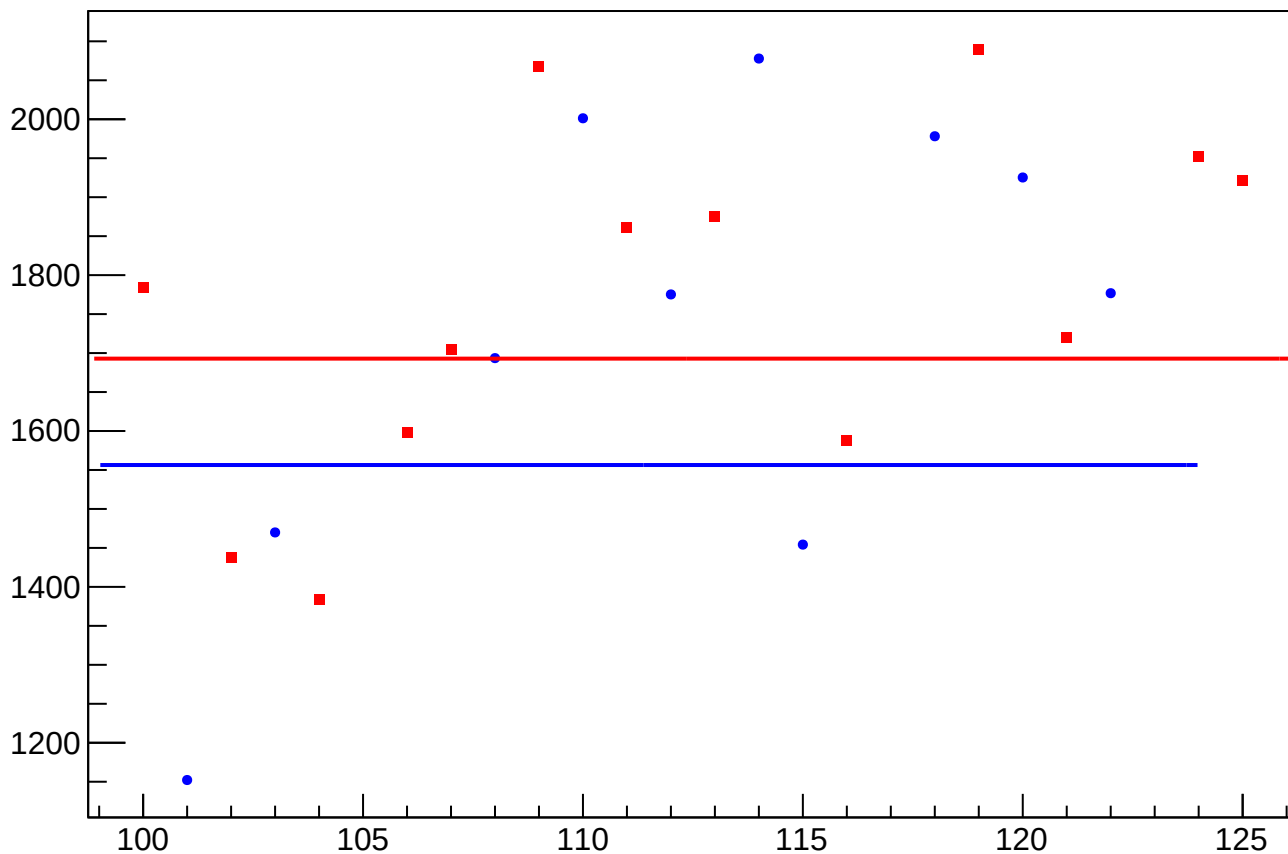
Right: -540.507+/-547.514 χ^2/NDF : 25.1/22

In: 55.003+/-786.062 χ^2/NDF : 12.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -540.507+/-547.514 χ^2/NDF : 25.1/22

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: 1692.866+/-0.540 χ^2/NDF : 206675.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

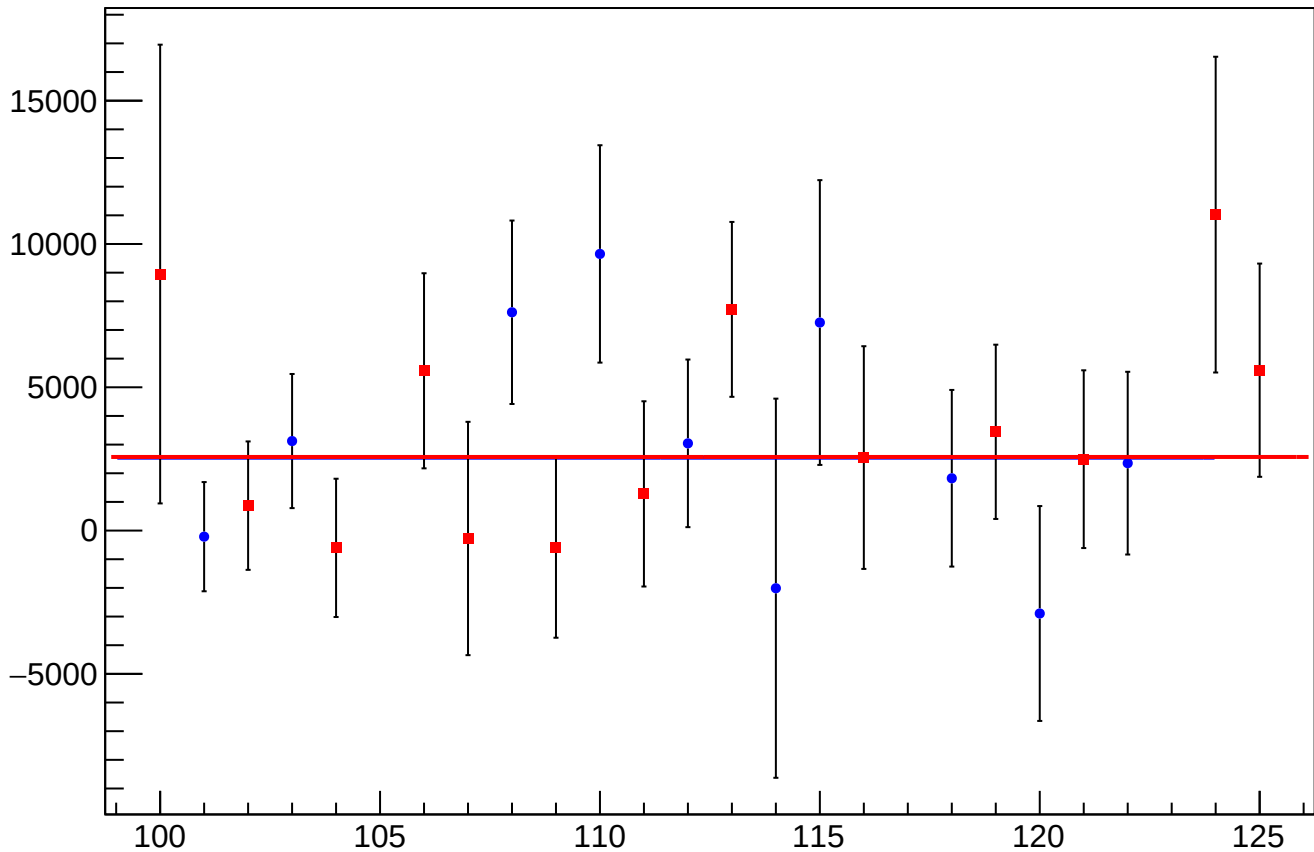
Right: 1626.642+/-0.387 χ^2/NDF : 563638.6/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1626.642+/-0.387 χ^2/NDF : 563638.6/22

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: 2568.674+/-905.180 χ^2/NDF : 11.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

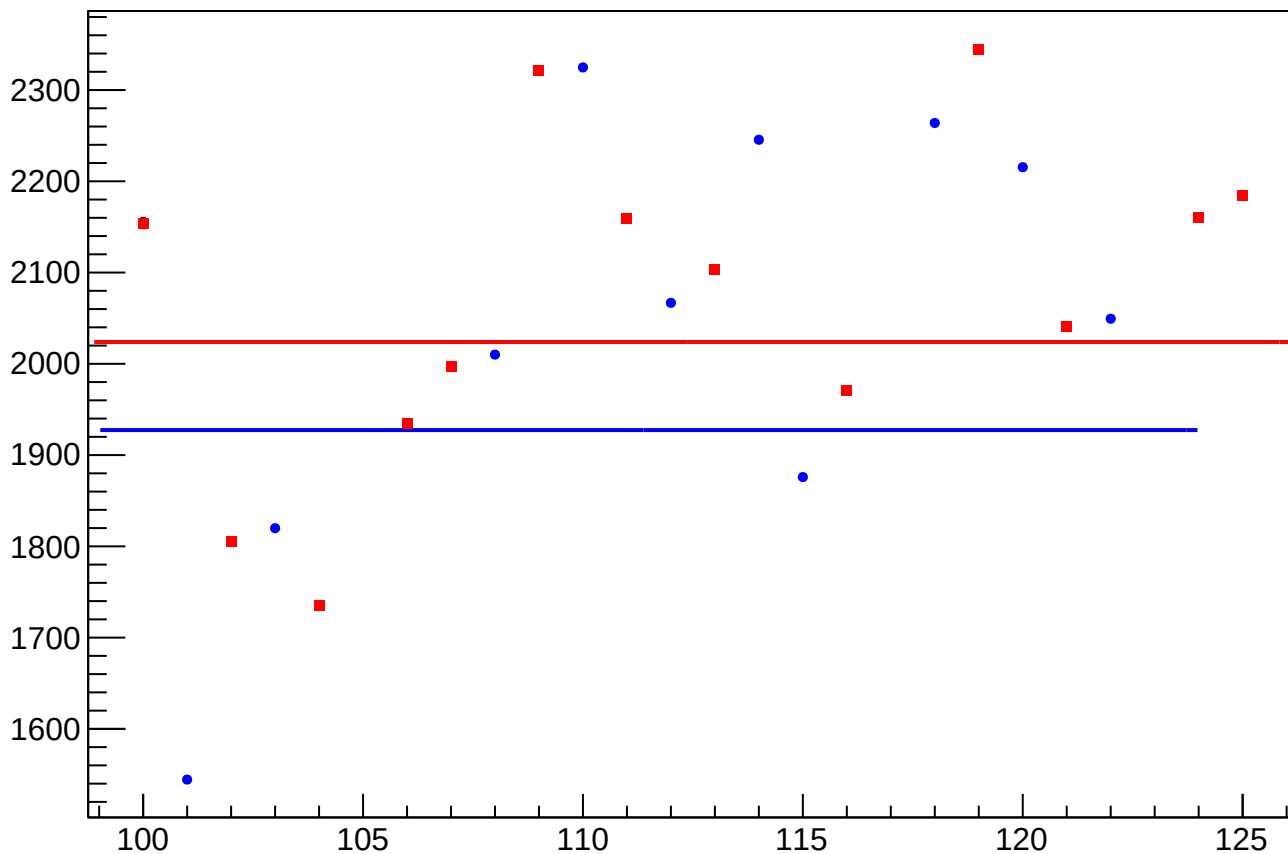
Right: 2557.199+/-659.265 χ^2/NDF : 23.1/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2557.199+/-659.265 χ^2/NDF : 23.1/22

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: 2023.892+/-0.640 χ^2/NDF : 99956.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

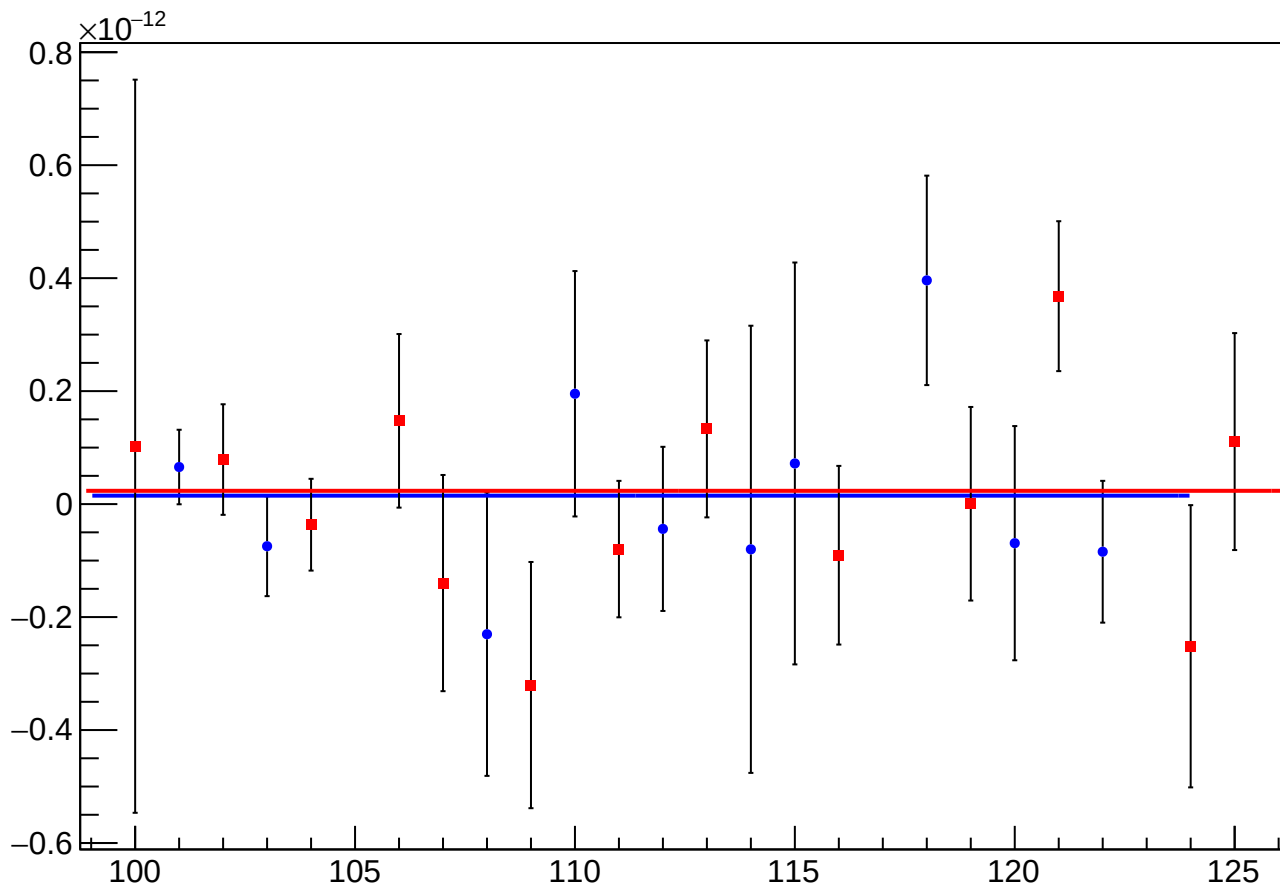
Right: 1978.587+/-0.466 χ^2/NDF : 266900.1/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1978.587+/-0.466 χ^2/NDF : 266900.1/22

asym_usr_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.000+/-0.000 χ^2/NDF : 14.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

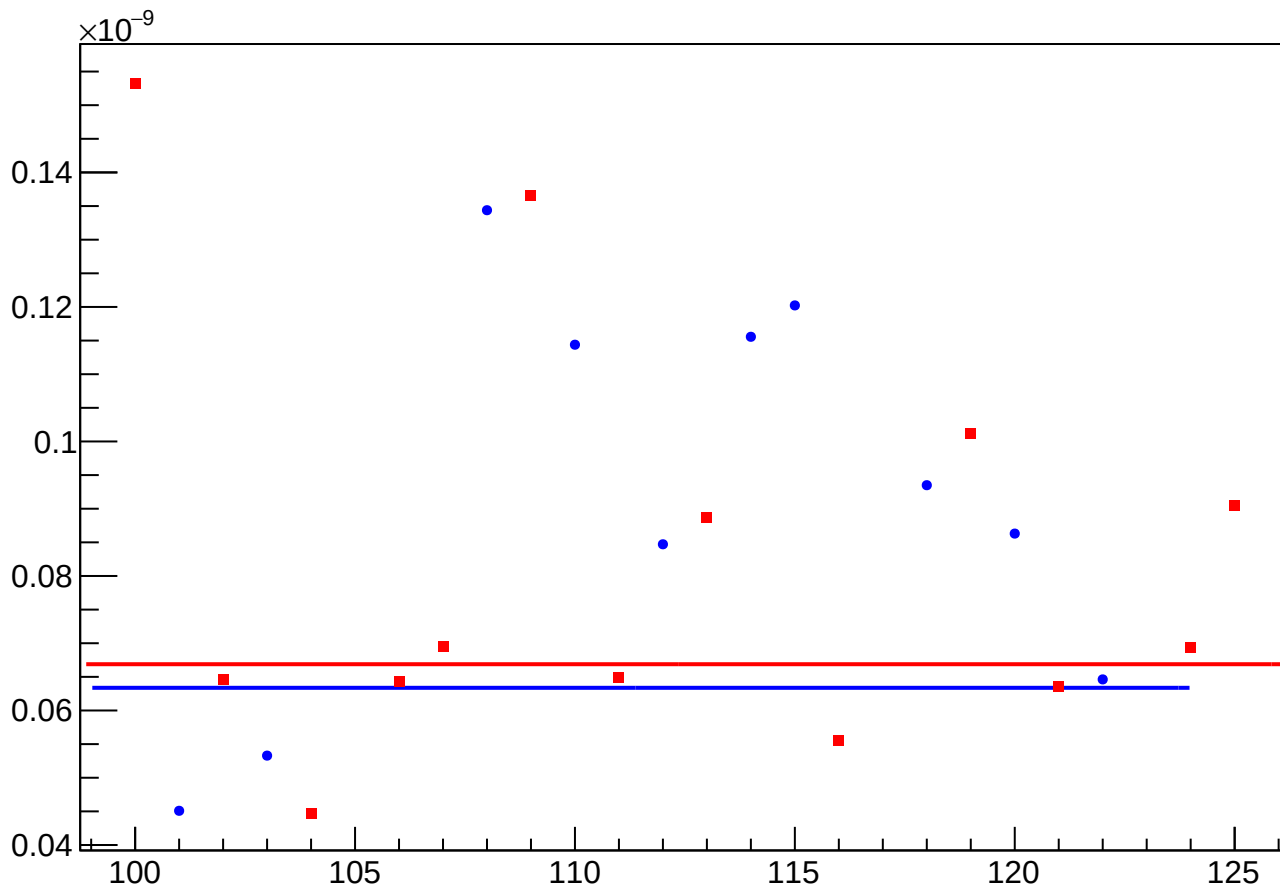
Right: 0.000+/-0.000 χ^2/NDF : 23.2/22

In: 0.000+/-0.000 χ^2/NDF : 8.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.2/22

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 : 552116.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

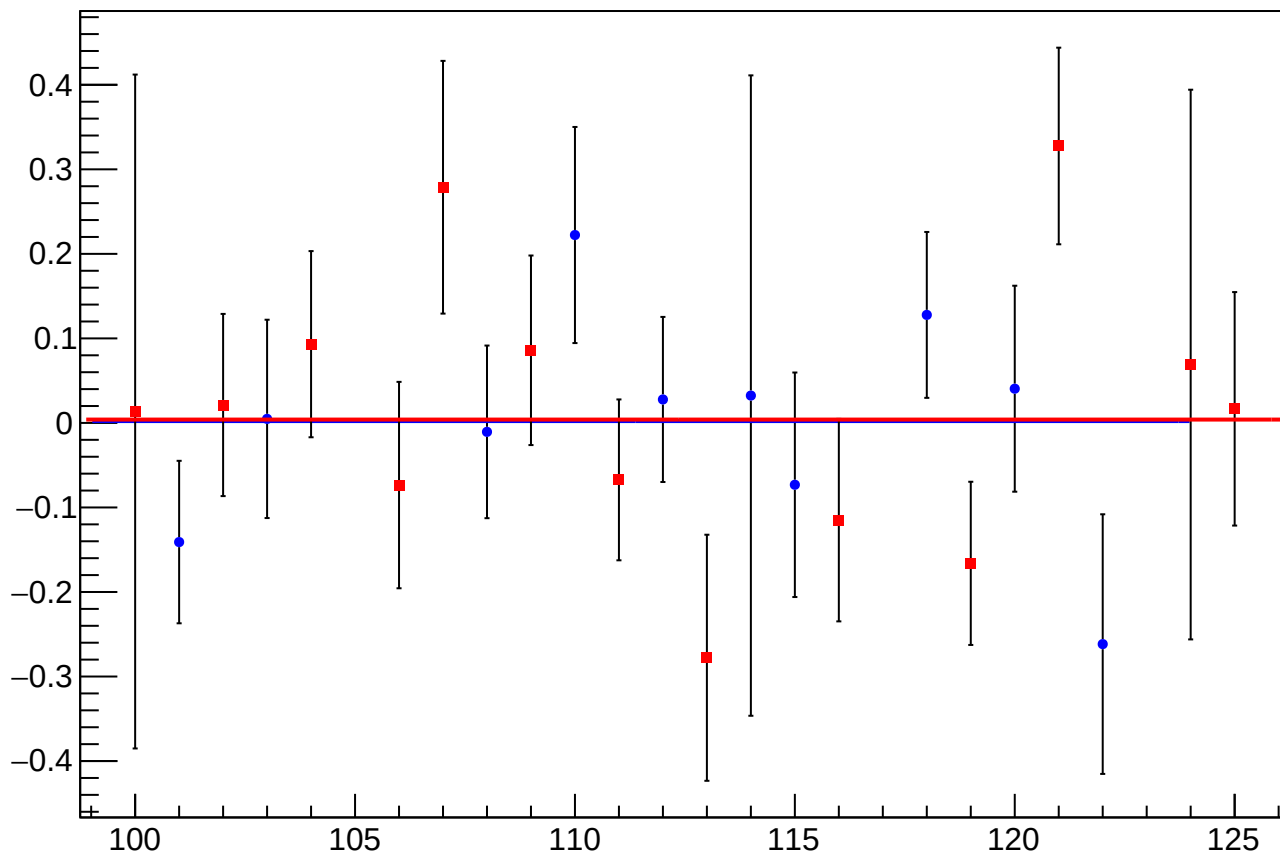
Right: 0.000+/-0.000 χ^2/NDF : 1216376.6/22

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 : 1216376.6/22

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: 0.004+/-0.035 χ^2/NDF : 21.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

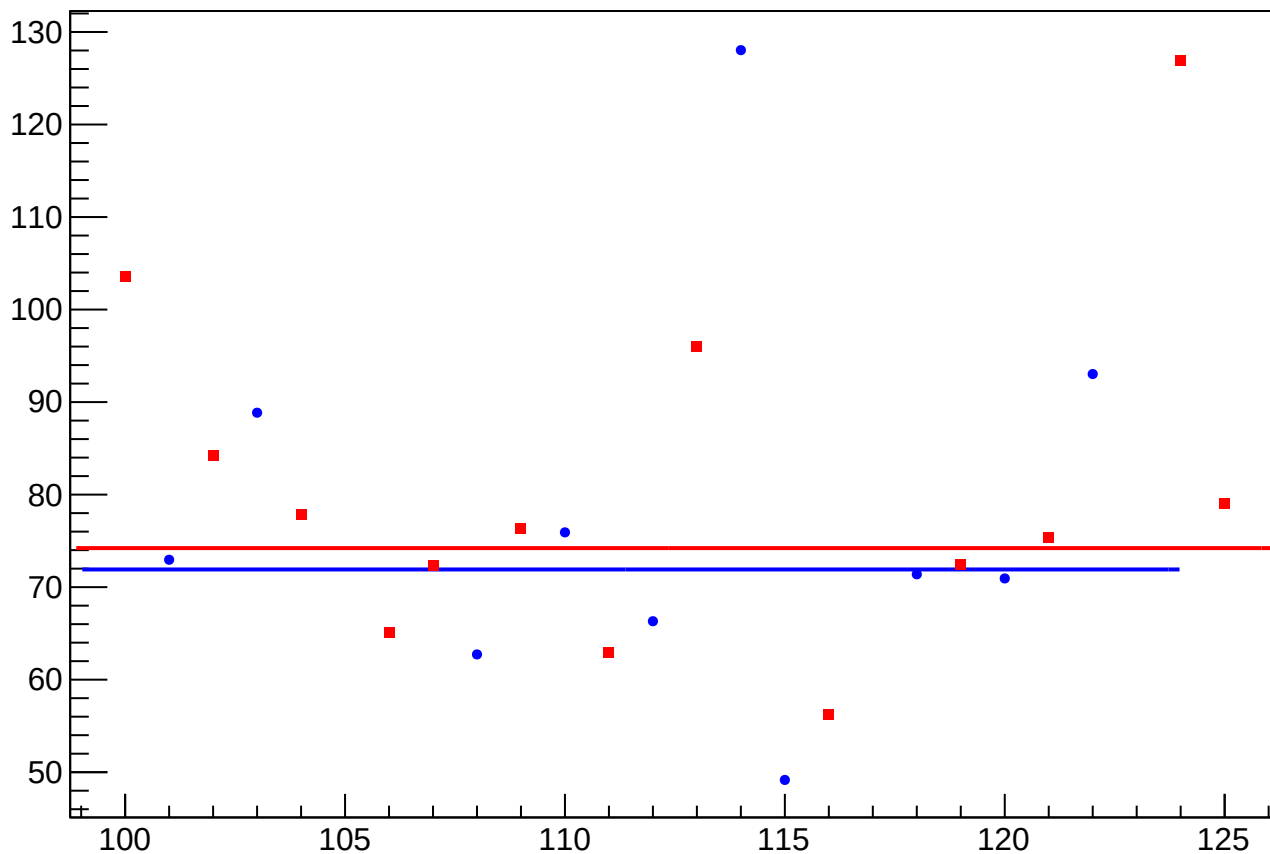
Right: 0.003+/-0.025 χ^2/NDF : 31.5/22

In: 0.002+/-0.037 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.025 χ^2/NDF : 31.5/22

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: 74.219+/-0.024 χ^2/NDF : 216440.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

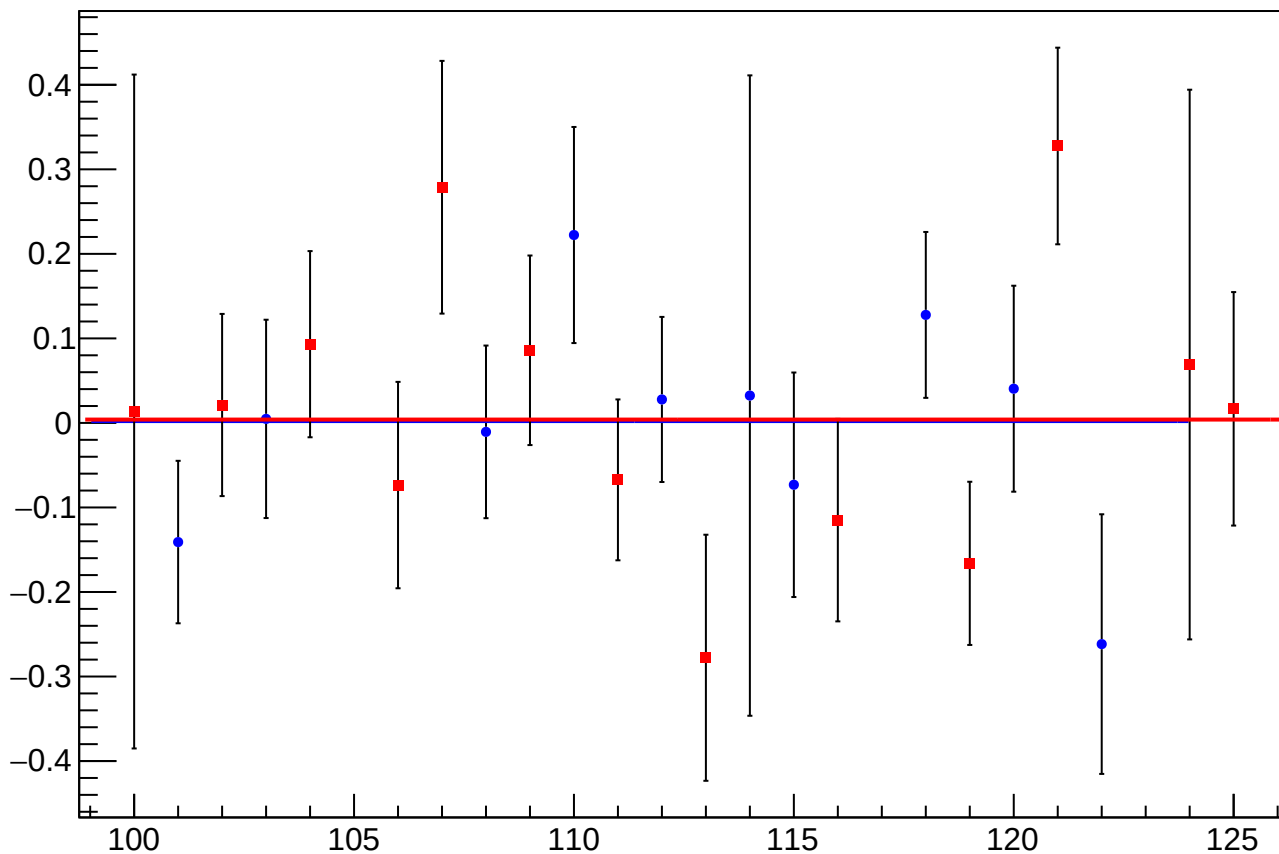
Right: 73.152+/-0.018 χ^2/NDF : 427826.4/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.152+/-0.018 χ^2/NDF : 427826.4/22

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: 0.004+/-0.035 χ^2/NDF : 21.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

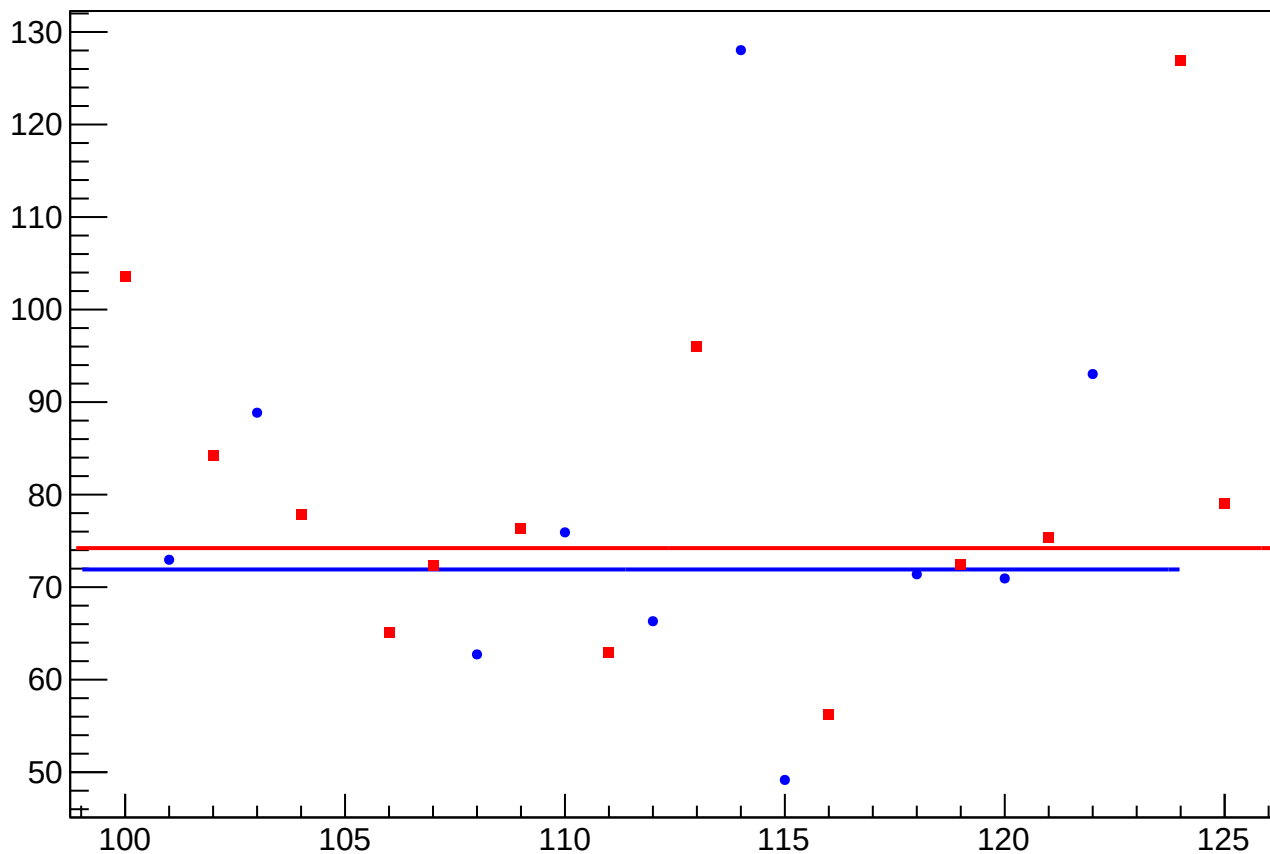
Right: 0.003+/-0.025 χ^2/NDF : 31.5/22

In: 0.002+/-0.037 χ^2/NDF :10.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.025 χ^2/NDF : 31.5/22

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: 74.219+/-0.024 χ^2/NDF : 216440.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

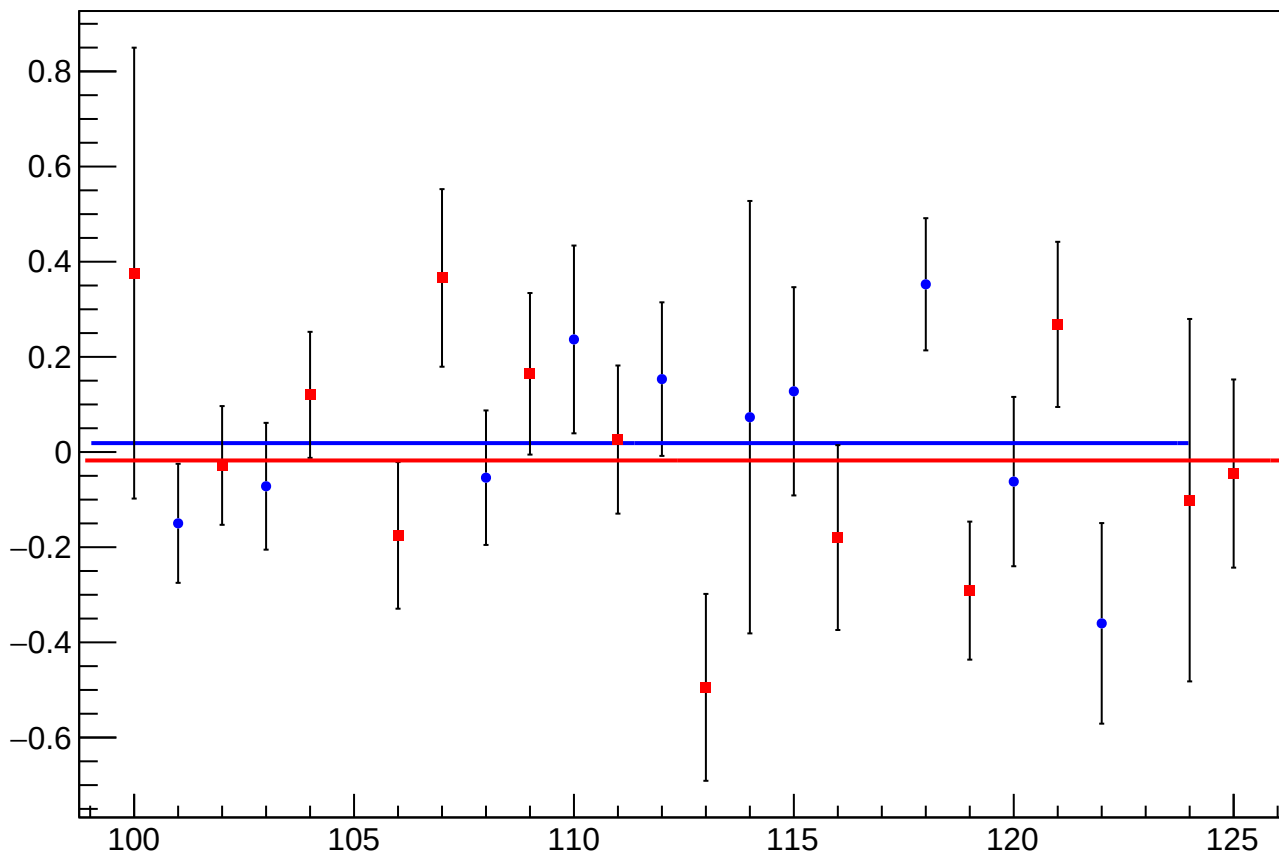
Right: 73.152+/-0.018 χ^2/NDF : 427826.4/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.152+/-0.018 χ^2/NDF : 427826.4/22

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: -0.018+/-0.048 χ^2/NDF : 21.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

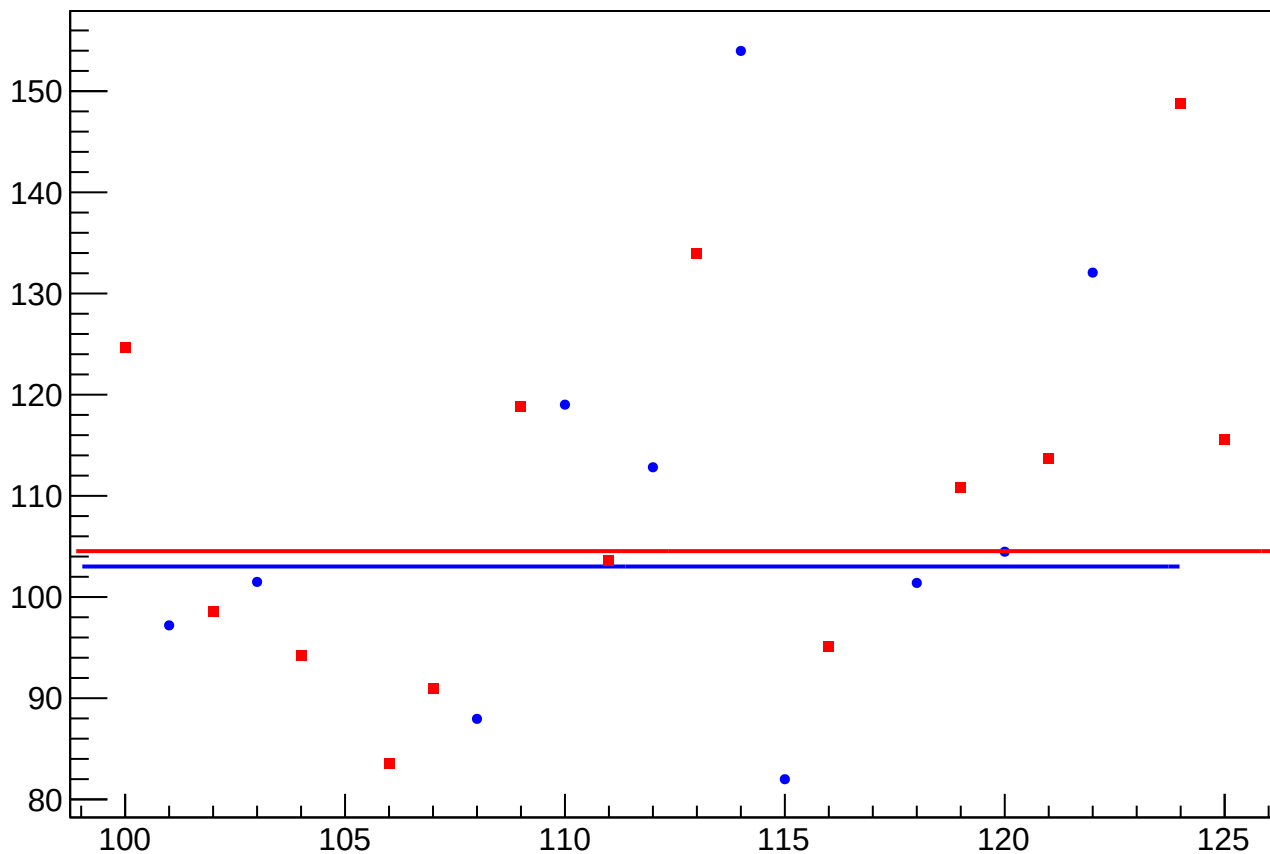
Right: -0.001+/-0.035 χ^2/NDF : 35.4/22

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+/-0.035 χ^2/NDF : 35.4/22

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: 104.537+/-0.034 χ^2/NDF : 174826.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

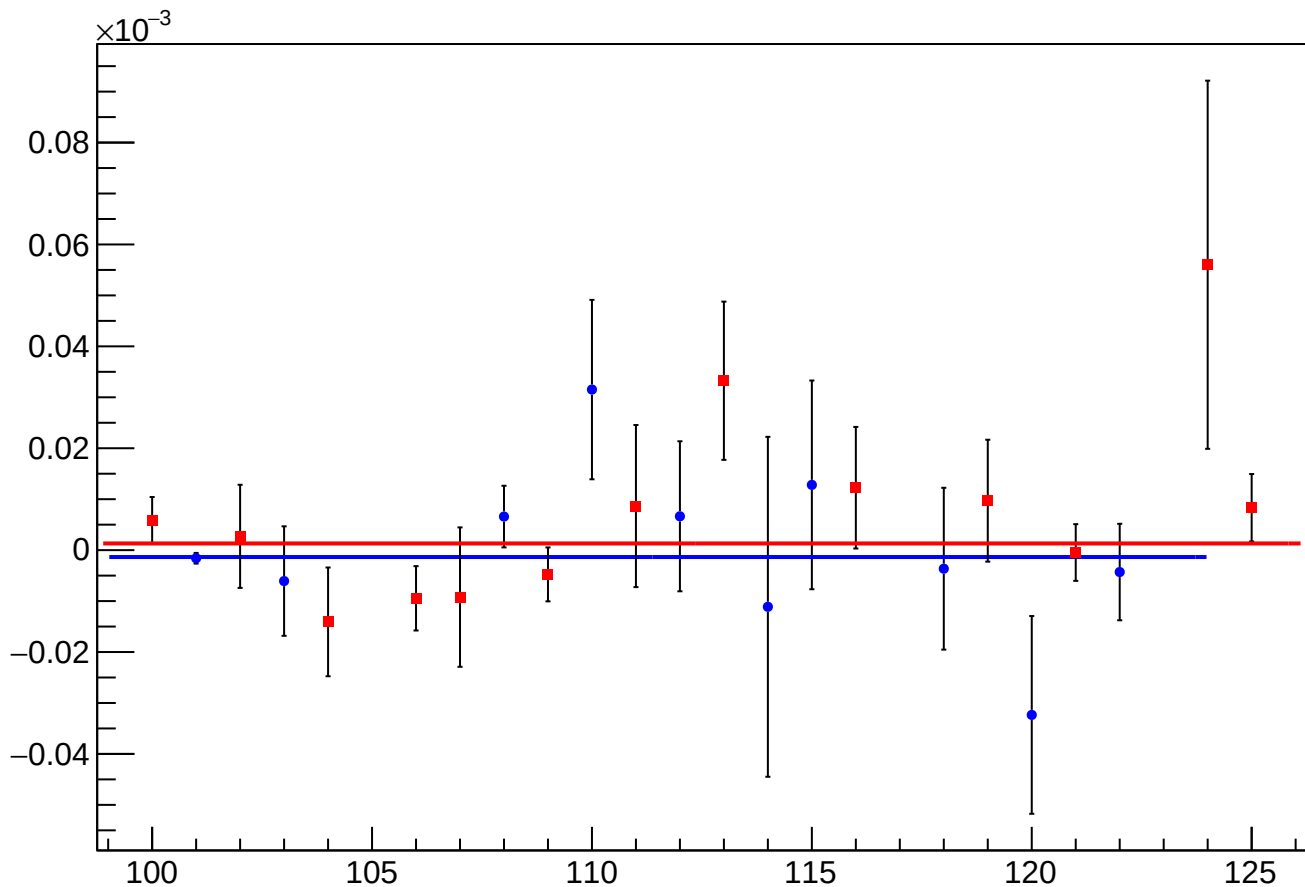
Right: 103.845+/-0.025 χ^2/NDF : 305567.4/22

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 103.845+/-0.025 χ^2/NDF : 305567.4/22

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 : 17.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

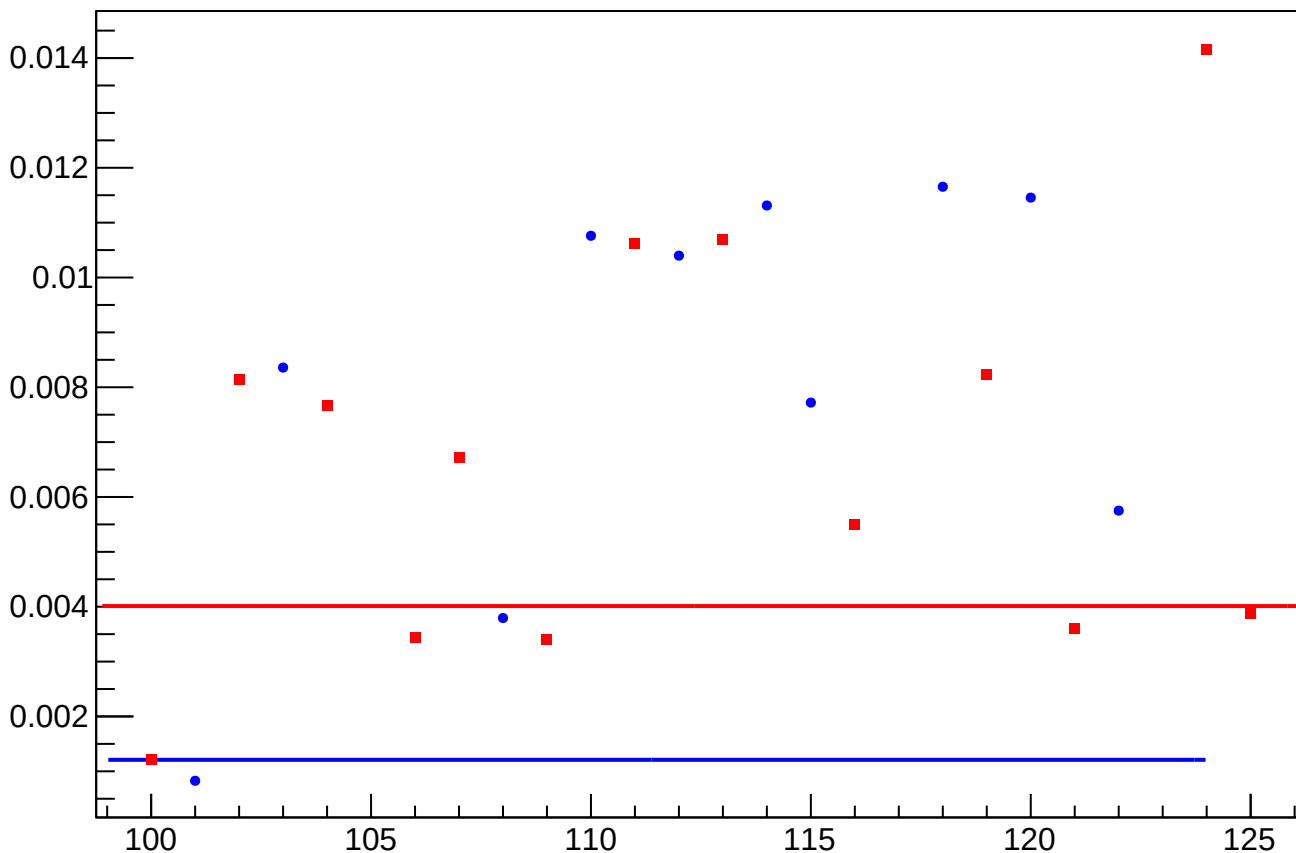
Right: -0.000+/-0.000 χ^2/NDF : 27.4/22

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 : 27.4/22

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 : 2614472.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

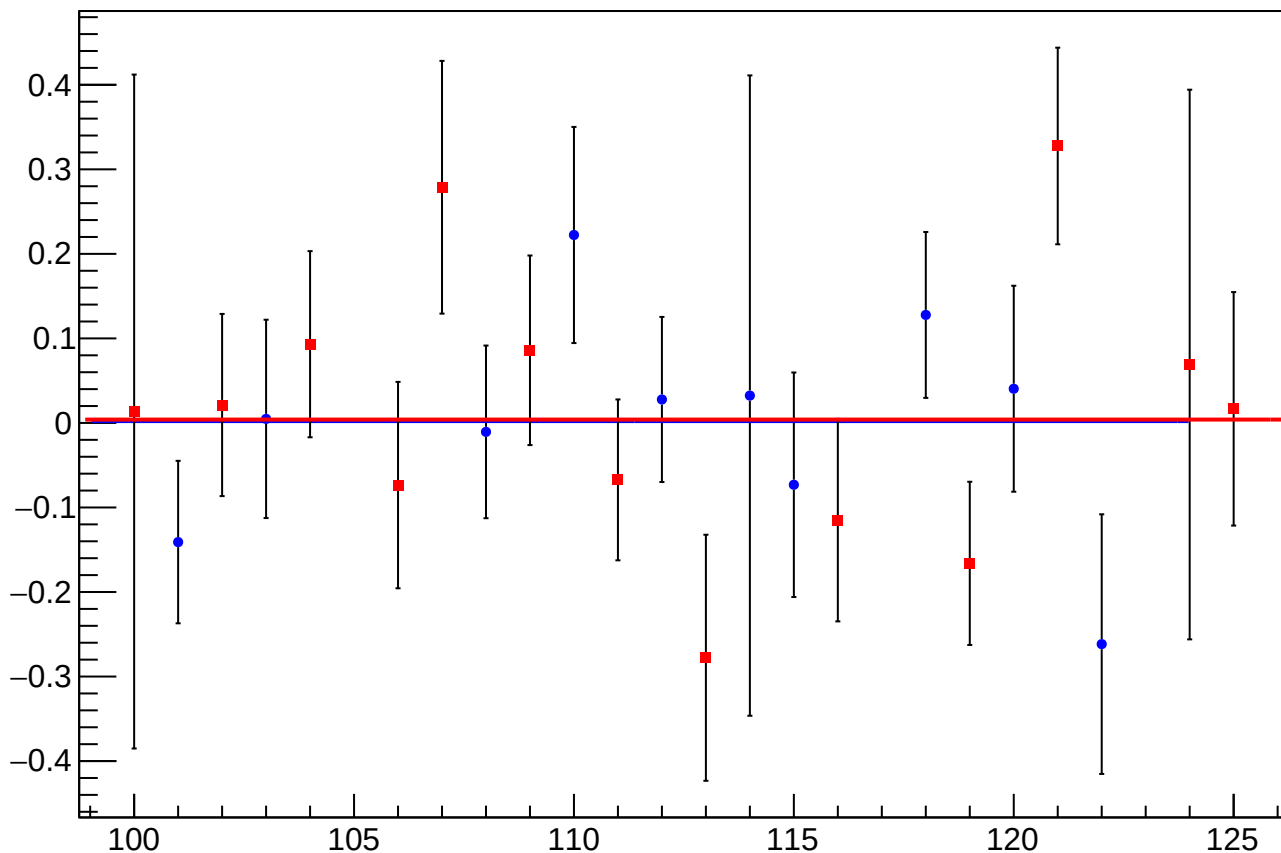
Right: 0.002+/-0.000 χ^2/NDF : 10498762.0/22

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 : 10498762.0/22

asym_usr_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.037 χ^2 /NDF: 10.3/9

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

Right Out: 0.004 $\pm$ 0.035 χ^2 /NDF: 21.2/12

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

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

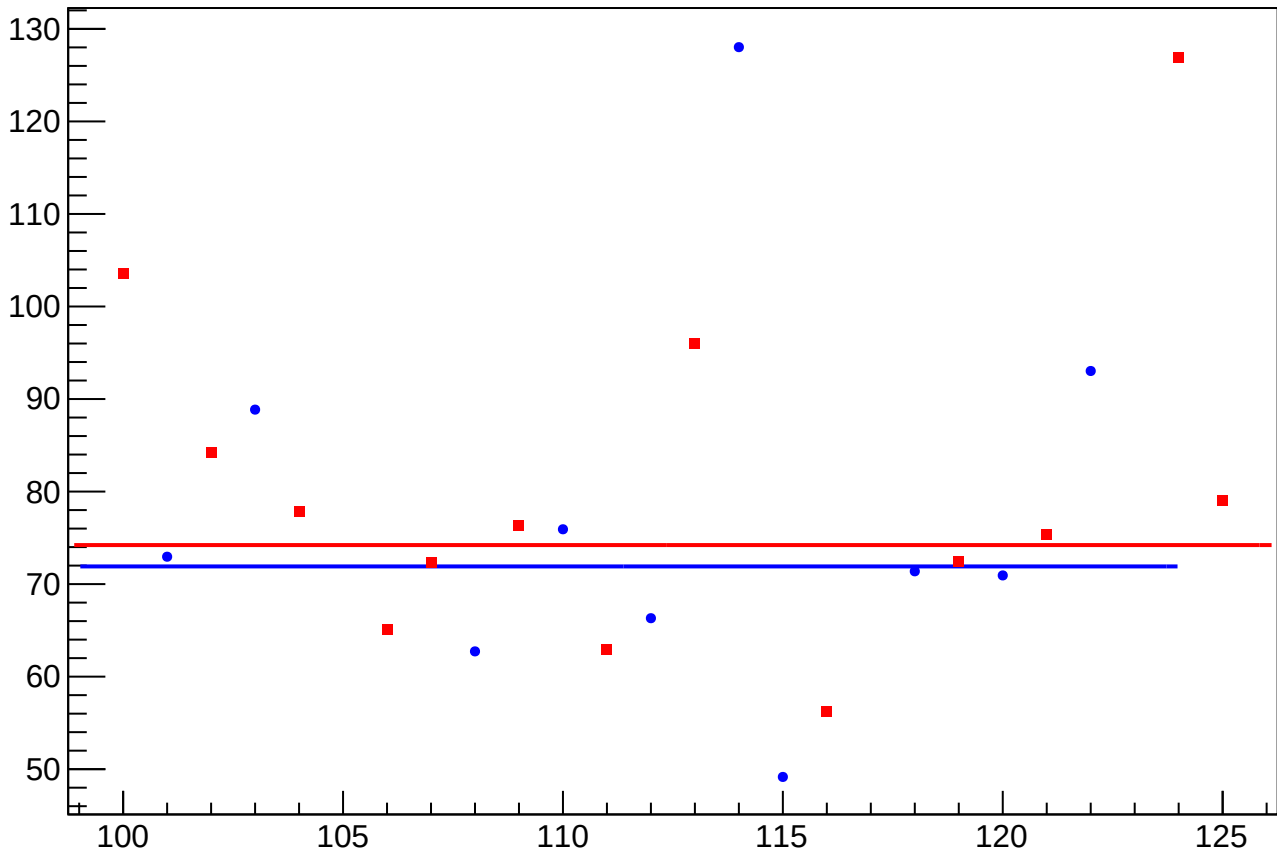
Right: 0.003 $\pm$ 0.025 χ^2 /NDF: 31.5/22

In: 0.002 $\pm$ 0.037 χ^2 /NDF:10.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.025 χ^2 /NDF: 31.5/22

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: 74.218+/-0.024 χ^2/NDF : 216426.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

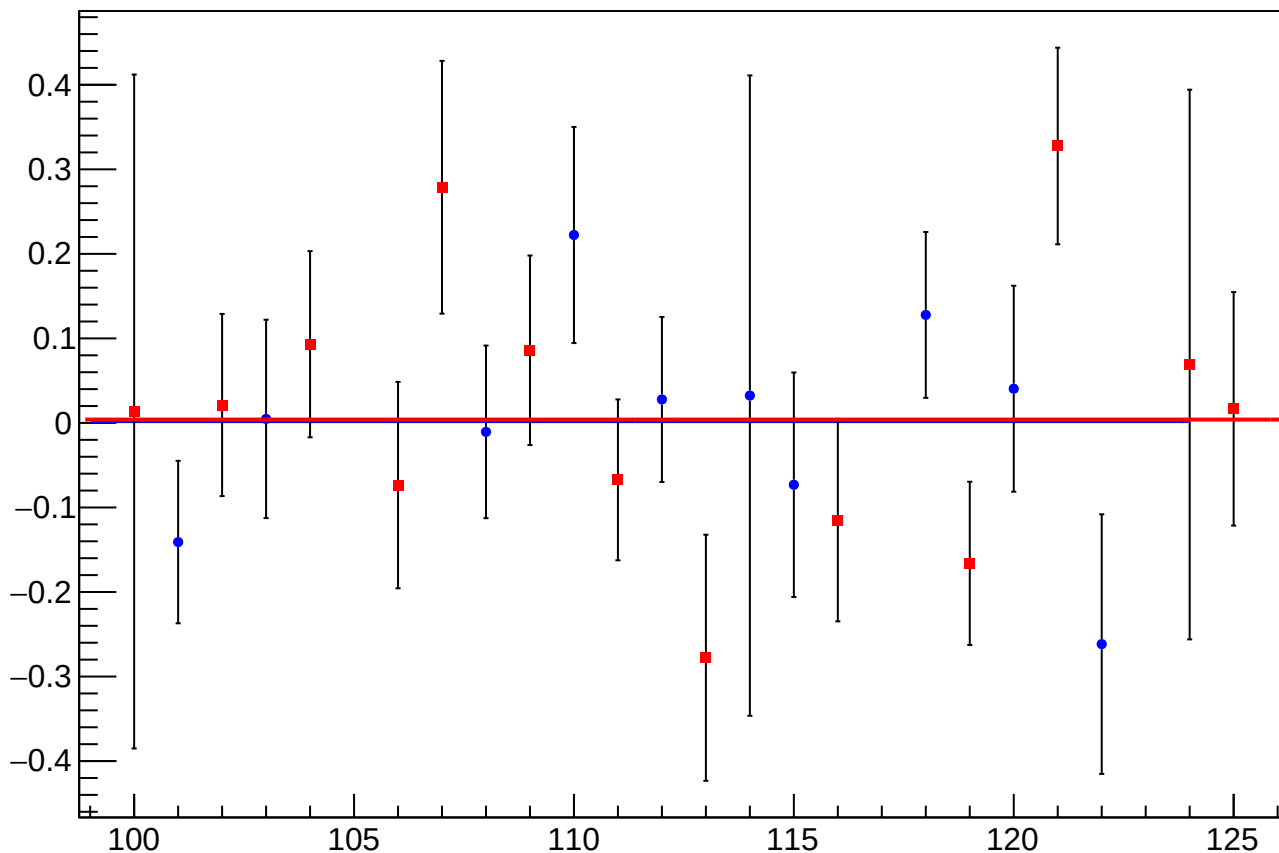
Right: 73.151+/-0.018 χ^2/NDF : 427835.0/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.151+/-0.018 χ^2/NDF : 427835.0/22

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: 0.004+/-0.035 χ^2/NDF : 21.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

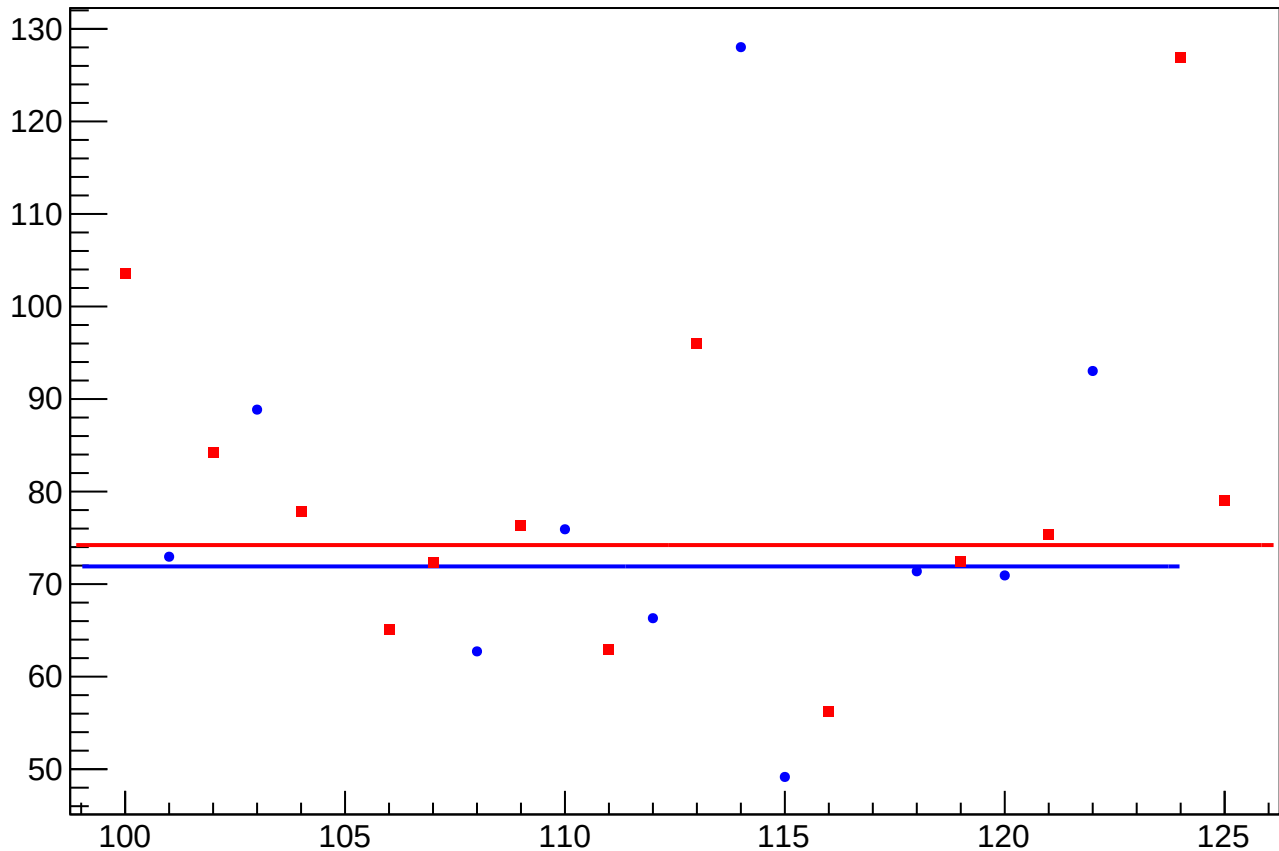
Right: 0.003+/-0.025 χ^2/NDF : 31.5/22

In: 0.002+/-0.037 χ^2/NDF :10.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.025 χ^2/NDF : 31.5/22

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: 74.218+/-0.024 χ^2/NDF : 216426.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

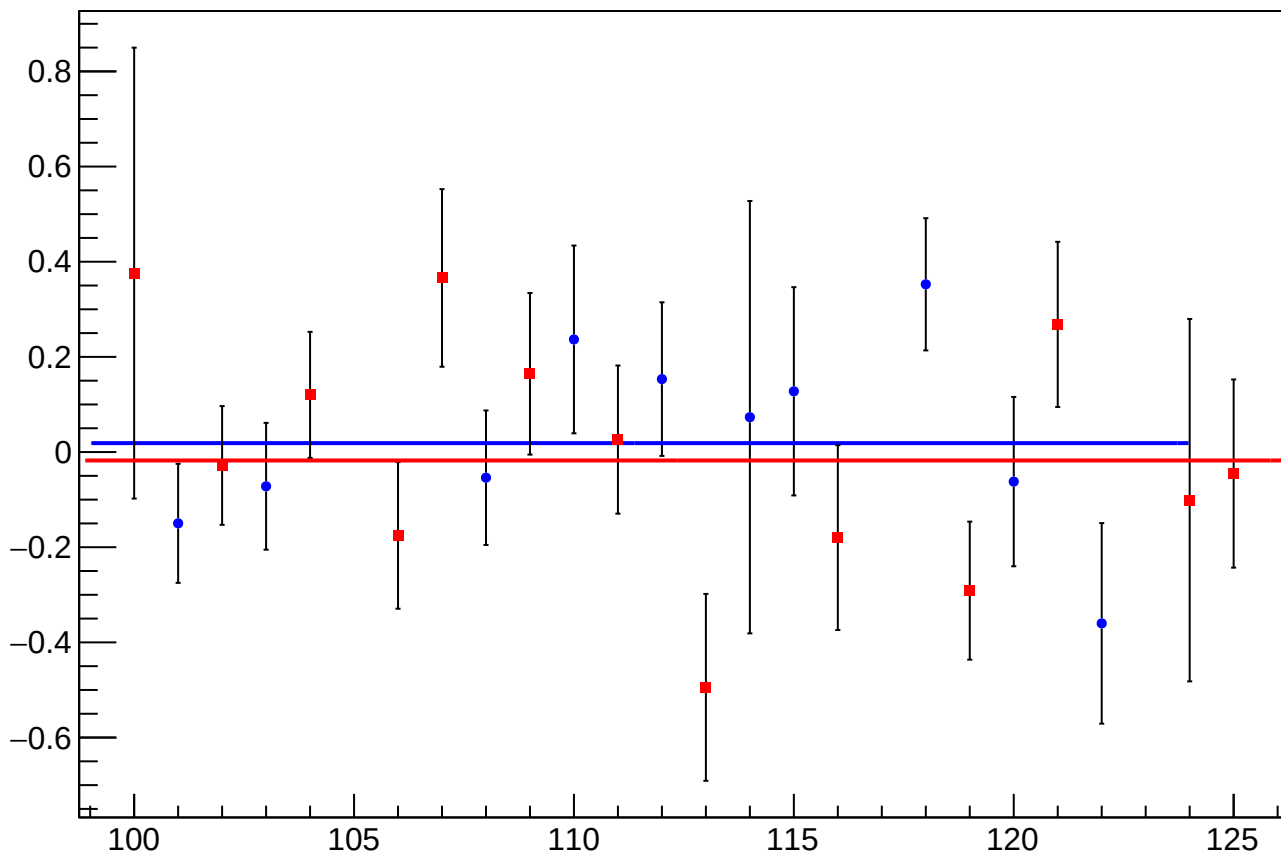
Right: 73.151+/-0.018 χ^2/NDF : 427835.0/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.151+/-0.018 χ^2/NDF : 427835.0/22

asym_usr_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019 $\pm$ 0.052 χ^2 /NDF: 13.9/9

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

Right Out: -0.018 $\pm$ 0.048 χ^2 /NDF: 21.2/12

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

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

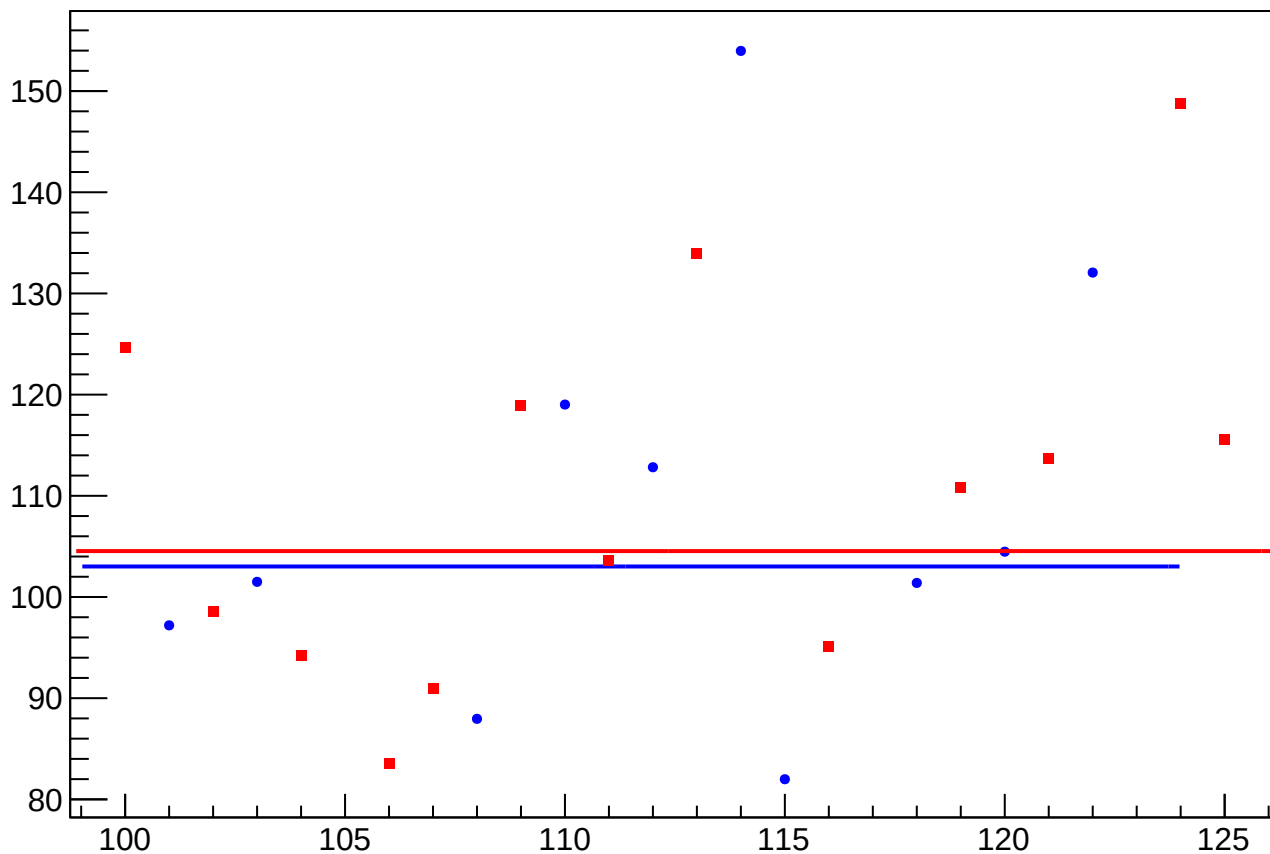
Right: -0.001 $\pm$ 0.035 χ^2 /NDF: 35.4/22

In: 0.019 $\pm$ 0.052 χ^2 /NDF:13.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.035 χ^2 /NDF: 35.4/22

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: 104.537+/-0.034 χ^2/NDF : 174799.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

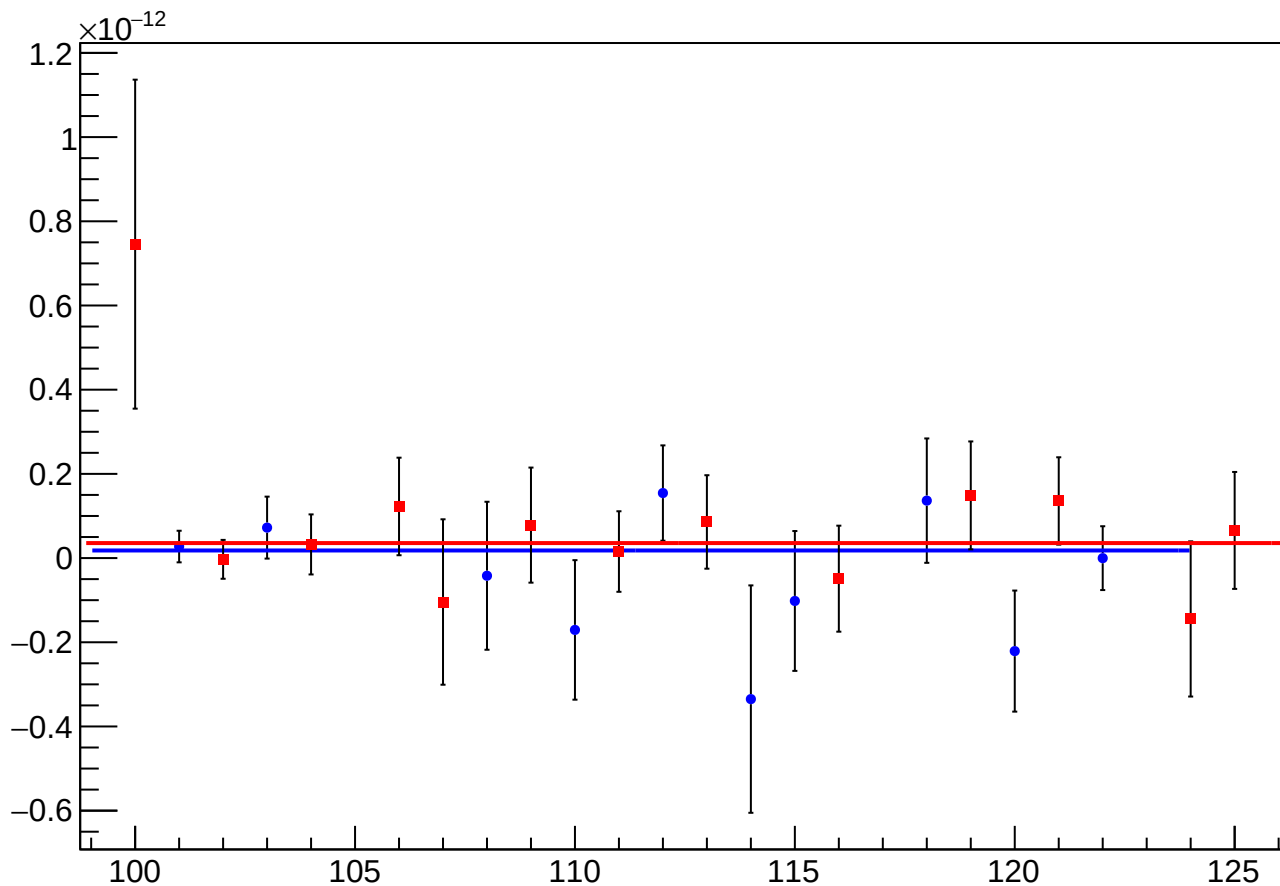
Right: 103.845+/-0.025 χ^2/NDF : 305537.2/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.845+/-0.025 χ^2/NDF : 305537.2/22

asym_usr_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.2/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 8.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

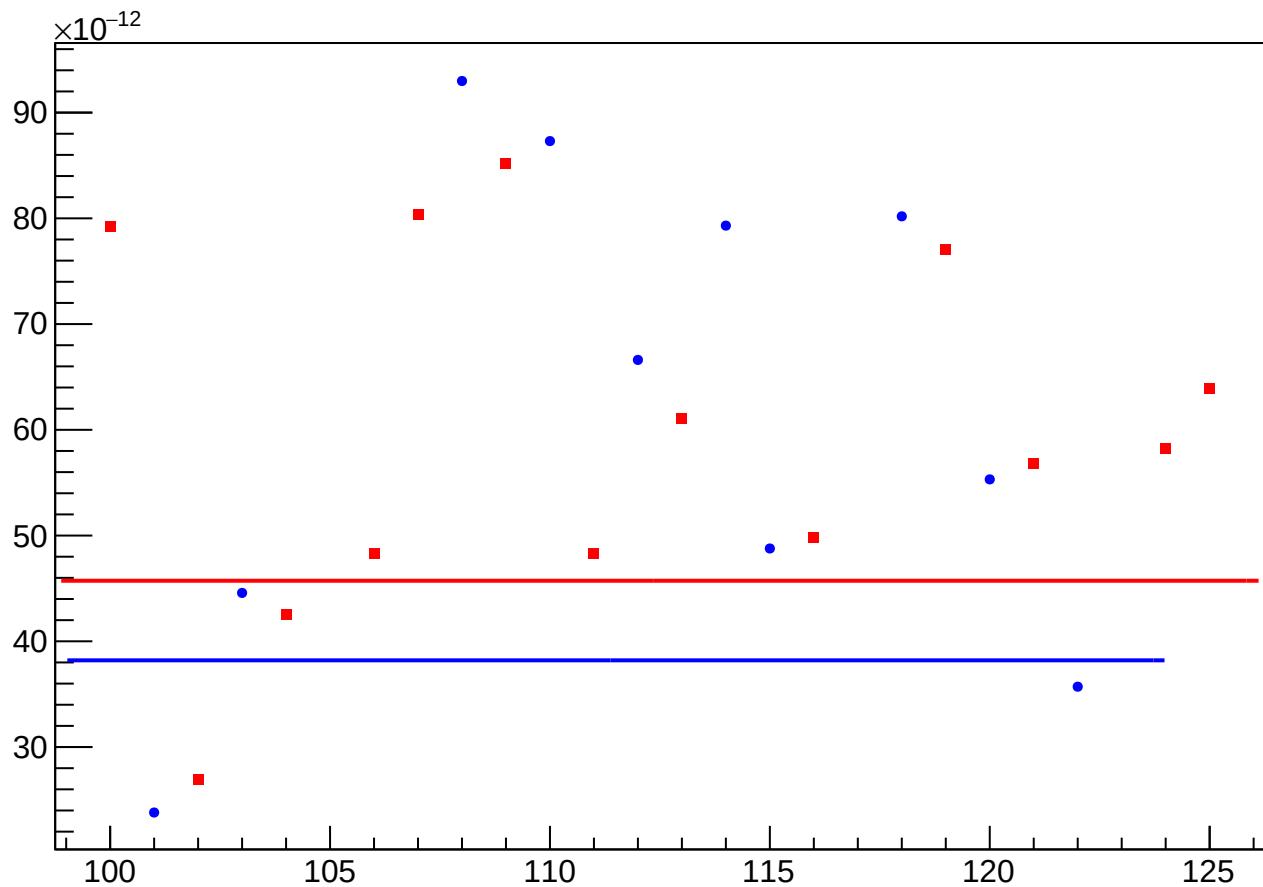
Right: 0.000+/-0.000 χ^2/NDF : 18.0/22

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 : 18.0/22

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 : 806703.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

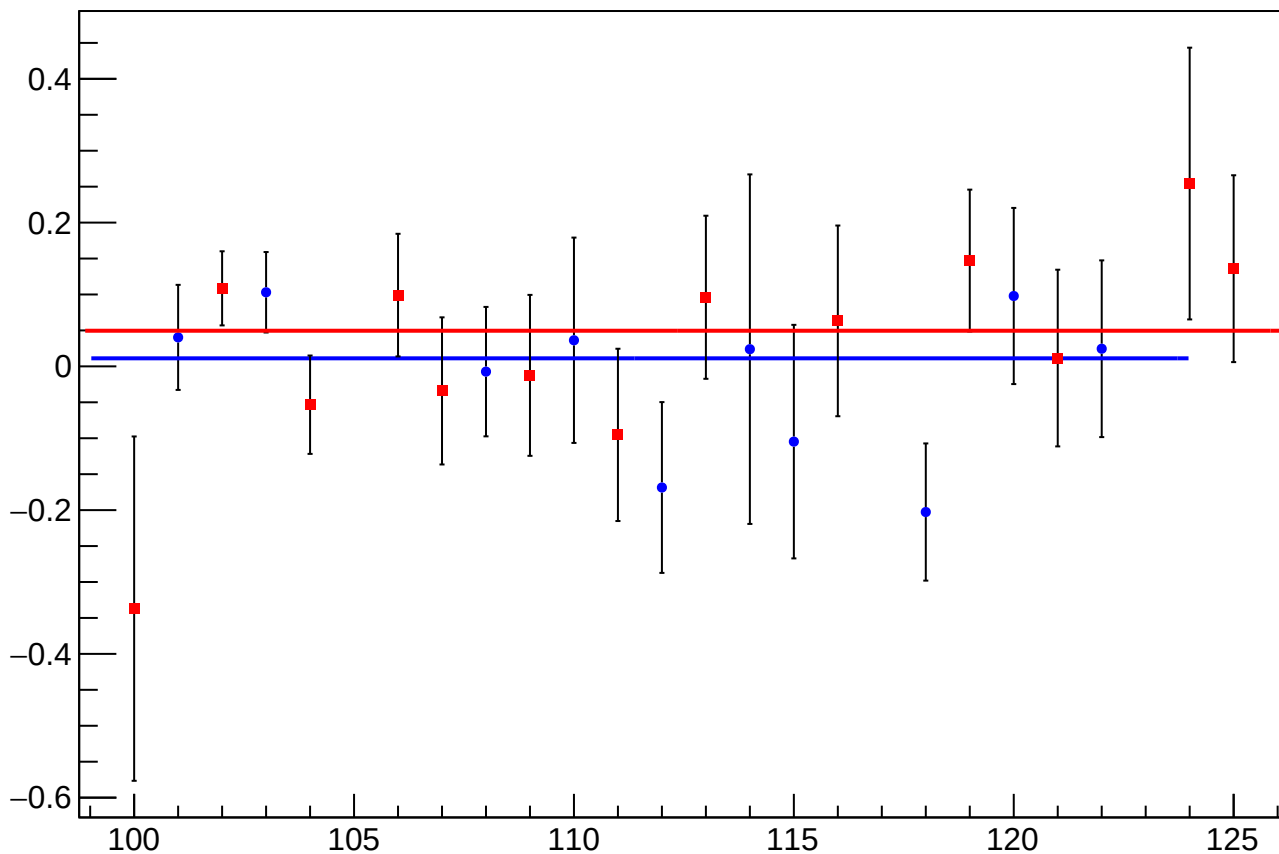
Right: 0.000+/-0.000 χ^2/NDF : 1934194.1/22

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 : 1934194.1/22

asym_usr_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.031 χ^2/NDF : 11.3/9

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

Right Out: 0.050+/-0.027 χ^2/NDF : 11.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

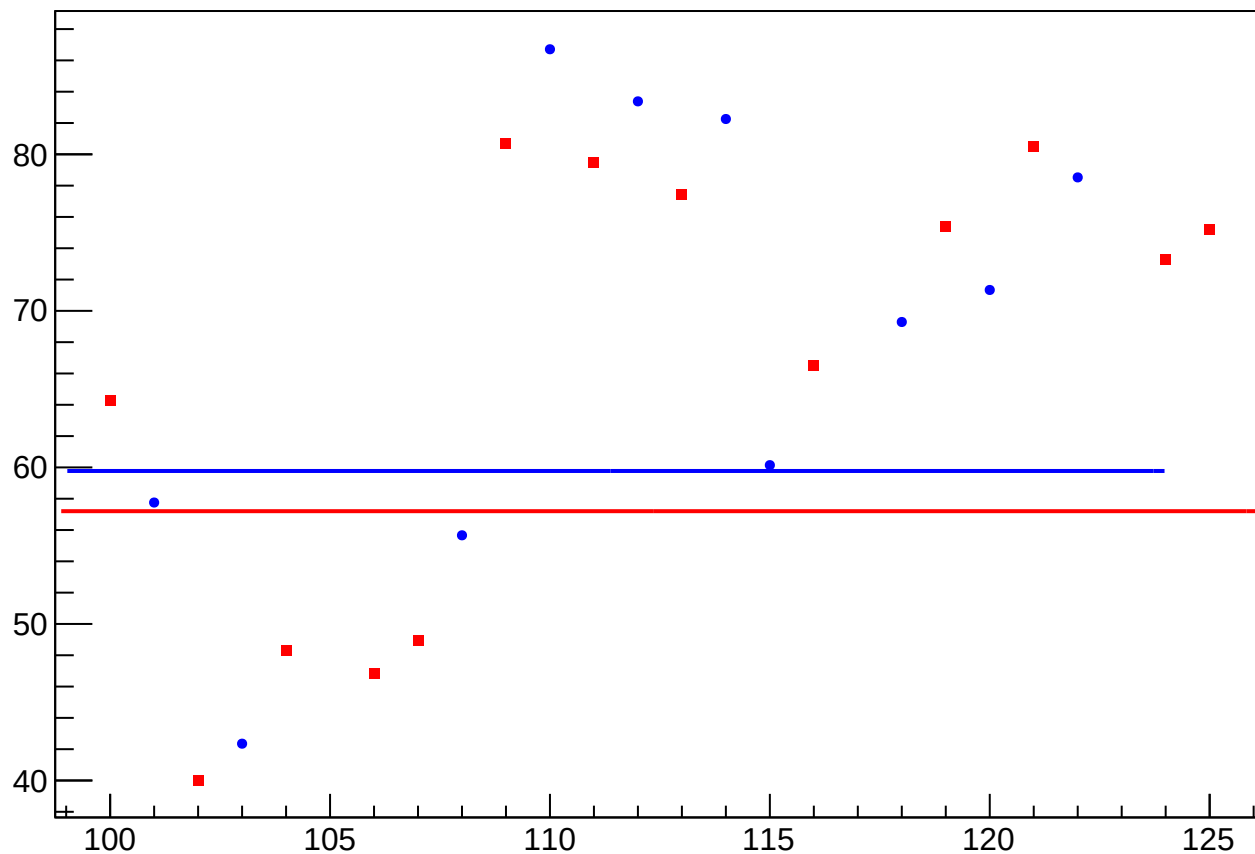
Right: 0.033+/-0.020 χ^2/NDF : 24.0/22

In: 0.011+/-0.031 χ^2/NDF : 11.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.033+/-0.020 χ^2/NDF : 24.0/22

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: 57.204+/-0.019 χ^2/NDF : 723634.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

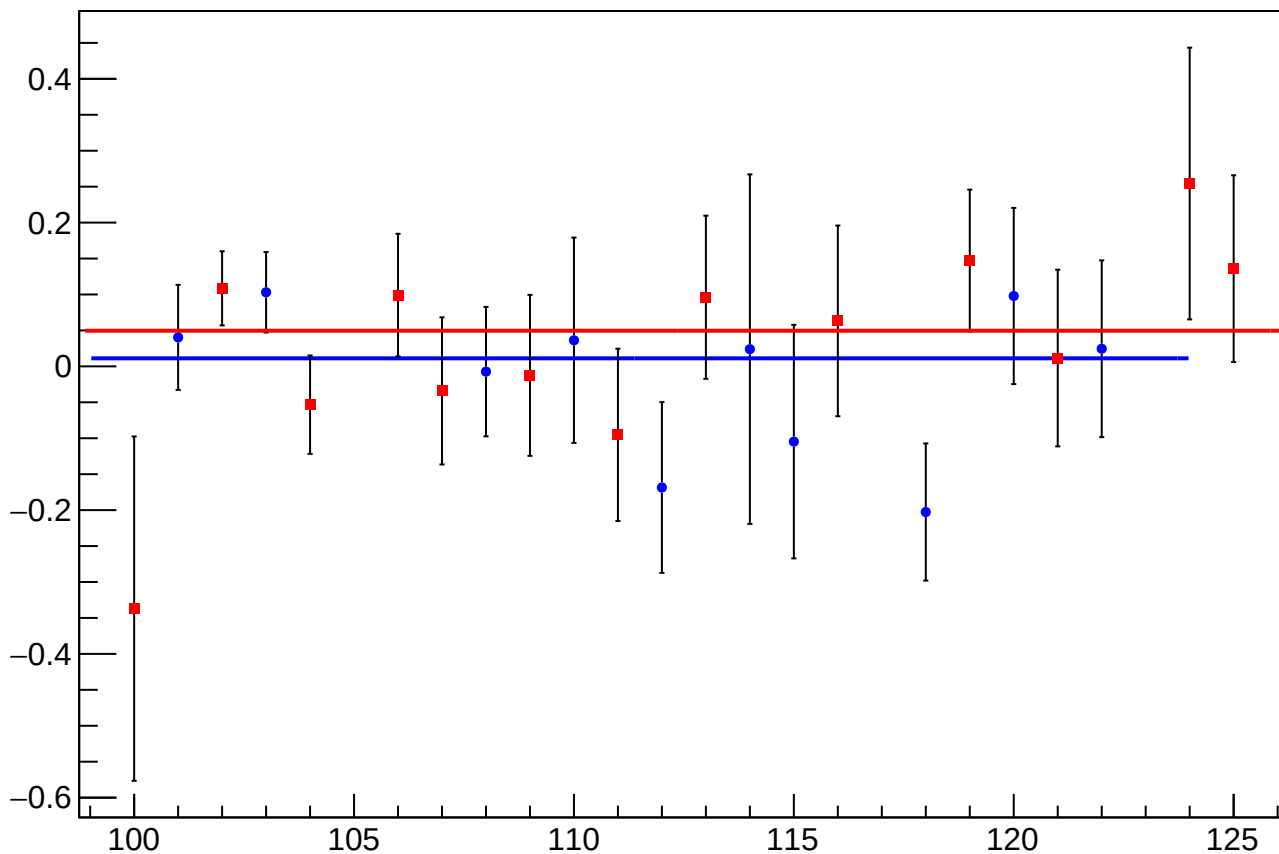
Right: 58.311+/-0.014 χ^2/NDF : 1182385.0/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.311+/-0.014 χ^2/NDF : 1182385.0/22

asym_usr_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011 $\pm$ 0.031 χ^2 /NDF: 11.3/9

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

Right Out: 0.050 $\pm$ 0.027 χ^2 /NDF: 11.8/12

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

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

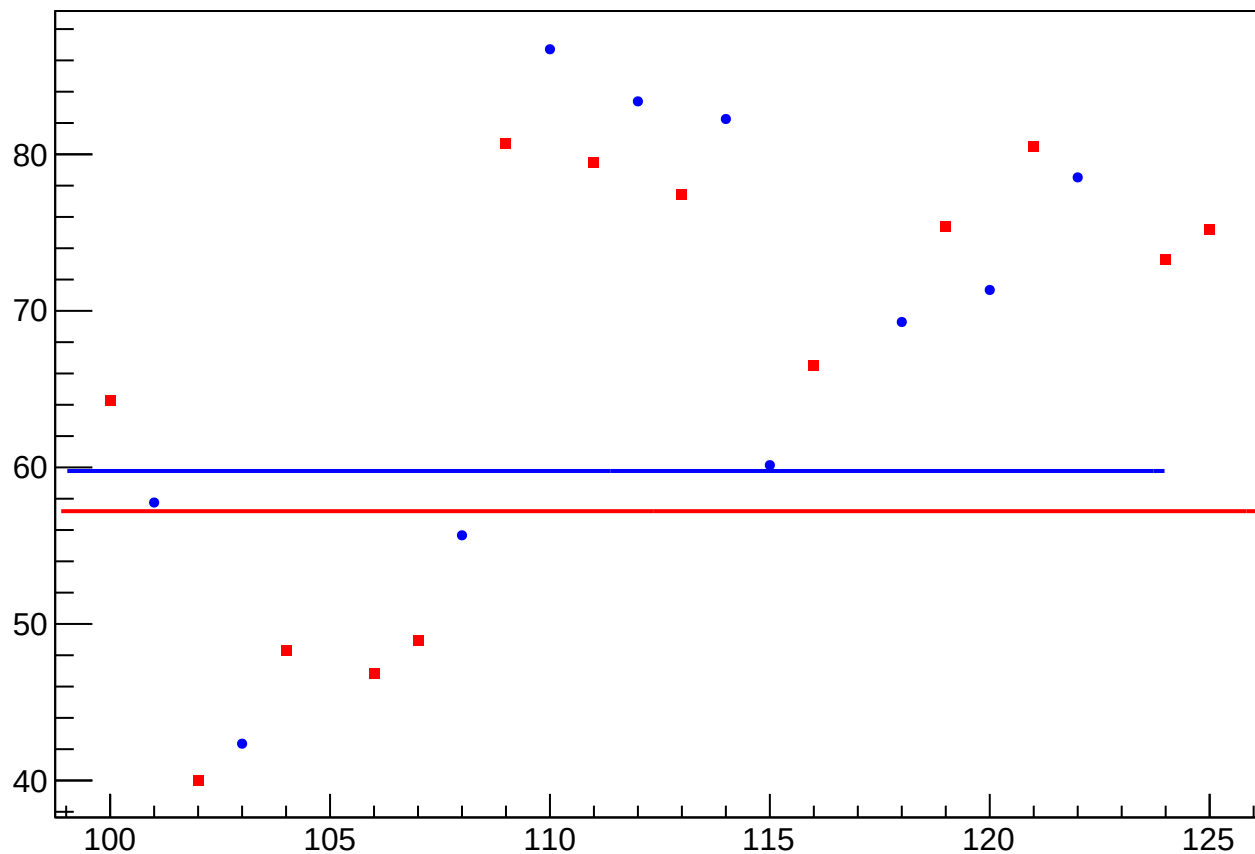
Right: 0.033 $\pm$ 0.020 χ^2 /NDF: 24.0/22

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: 0.033 $\pm$ 0.020 χ^2 /NDF: 24.0/22

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: 57.204+/-0.019 χ^2/NDF : 723634.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

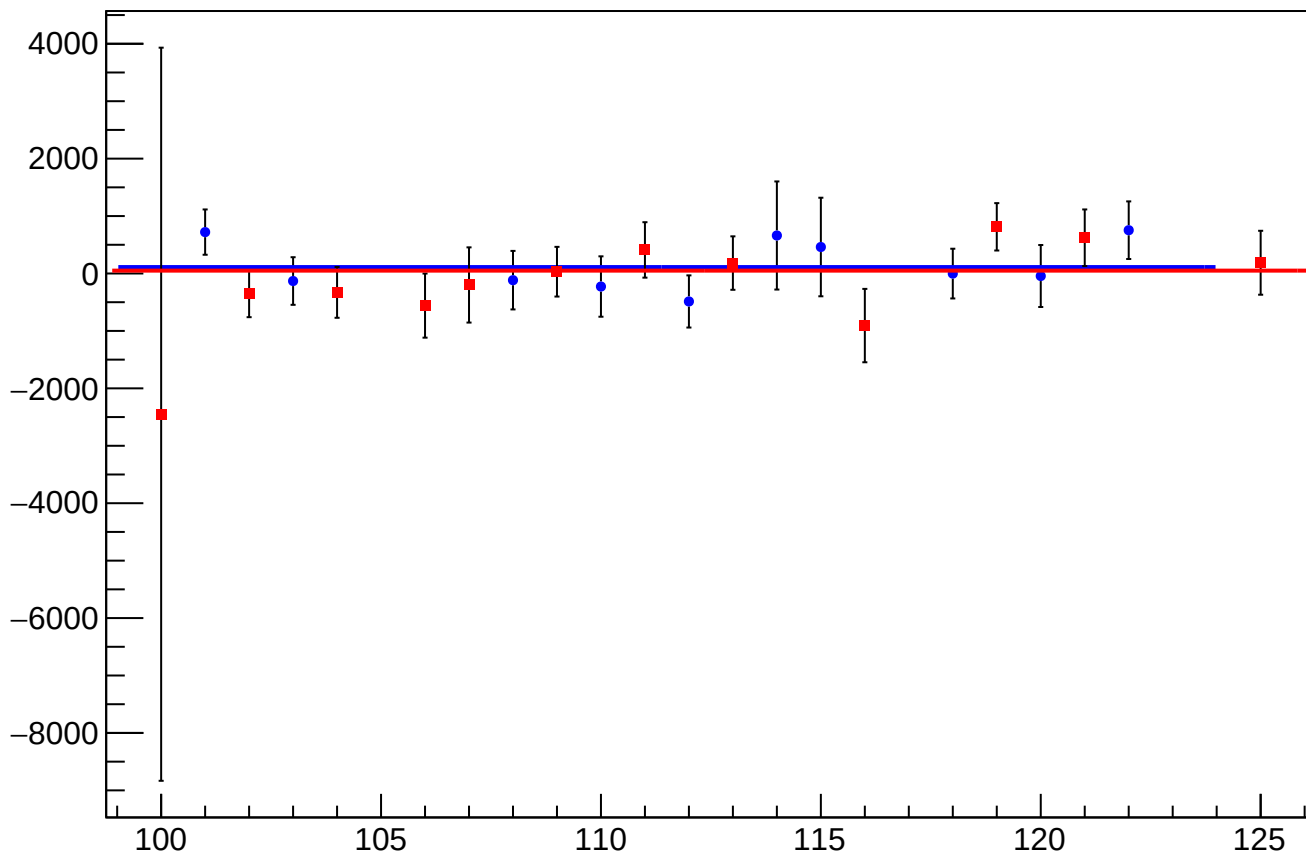
Right: 58.311+/-0.014 χ^2/NDF : 1182385.0/22

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 58.311+/-0.014 χ^2/NDF : 1182385.0/22

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: 49.901+/-146.379 χ^2/NDF : 10.9/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

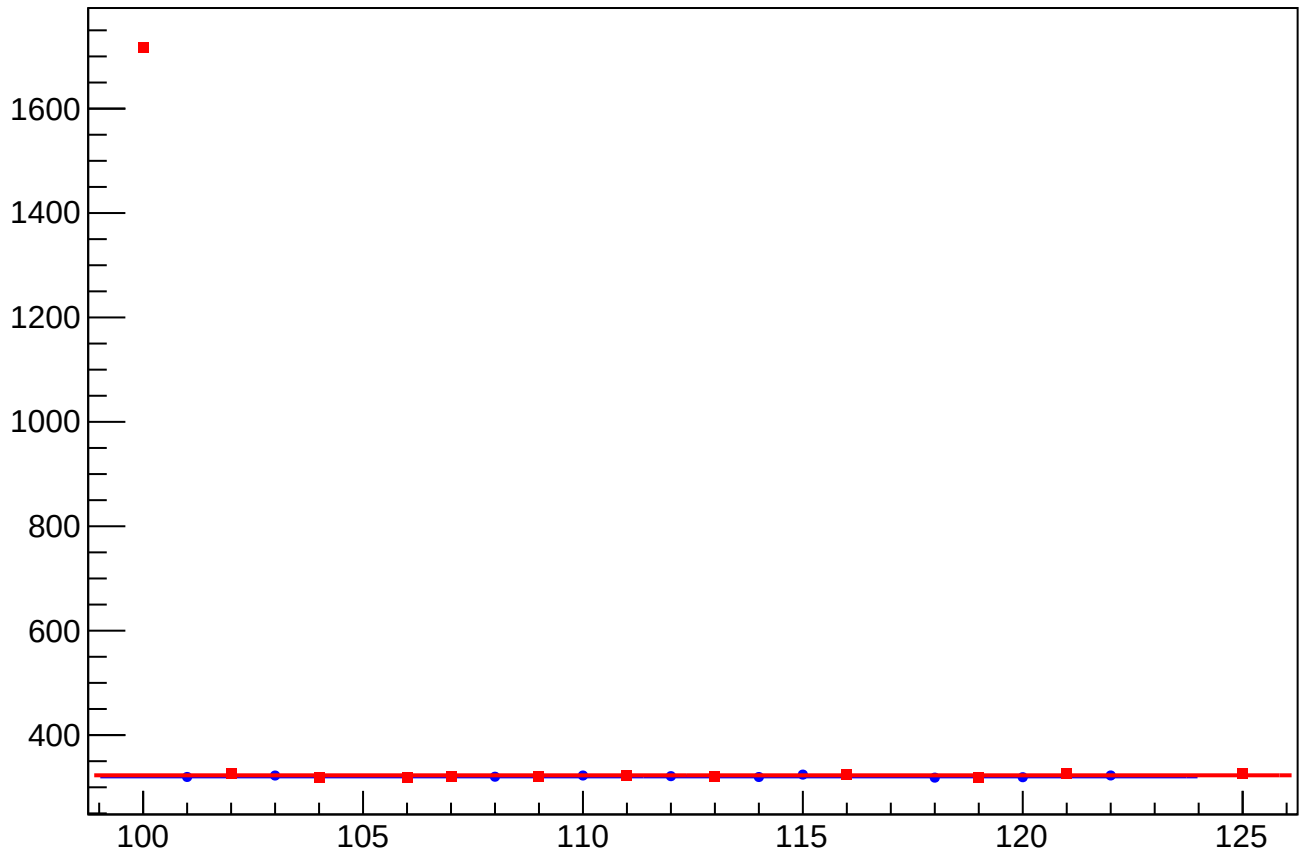
Right: 78.413+/-107.538 χ^2/NDF : 18.4/21

In: 111.846+/-158.508 χ^2/NDF : 7.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.413+/-107.538 χ^2/NDF : 18.4/21

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: 322.965+/-0.104 χ^2/NDF : 96607.1/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

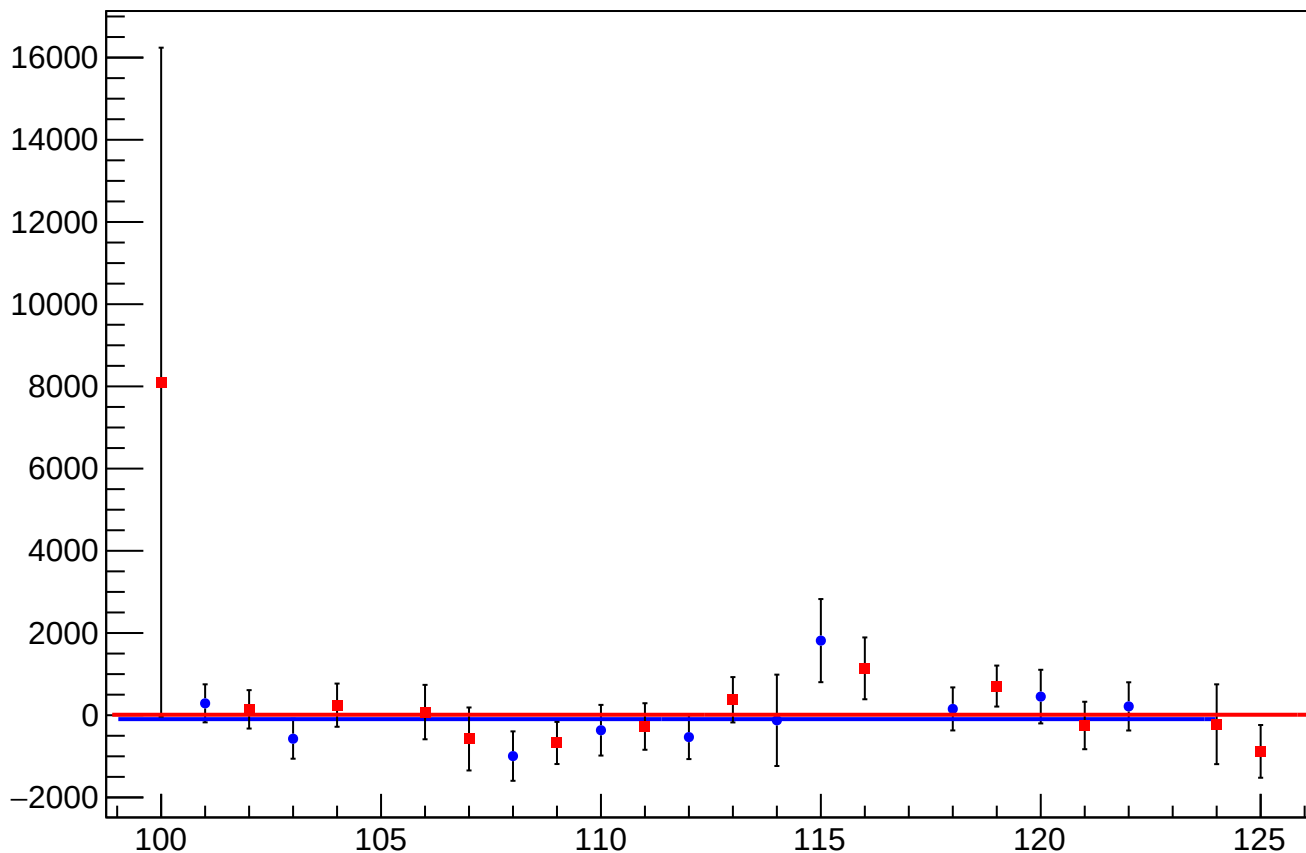
Right: 322.014+/-0.076 χ^2/NDF : 96999.4/21

In: 320.900+/-0.112 χ^2/NDF : 209.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 322.014+/-0.076 χ^2/NDF : 96999.4/21

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: 11.699+/-169.769 χ^2/NDF : 10.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

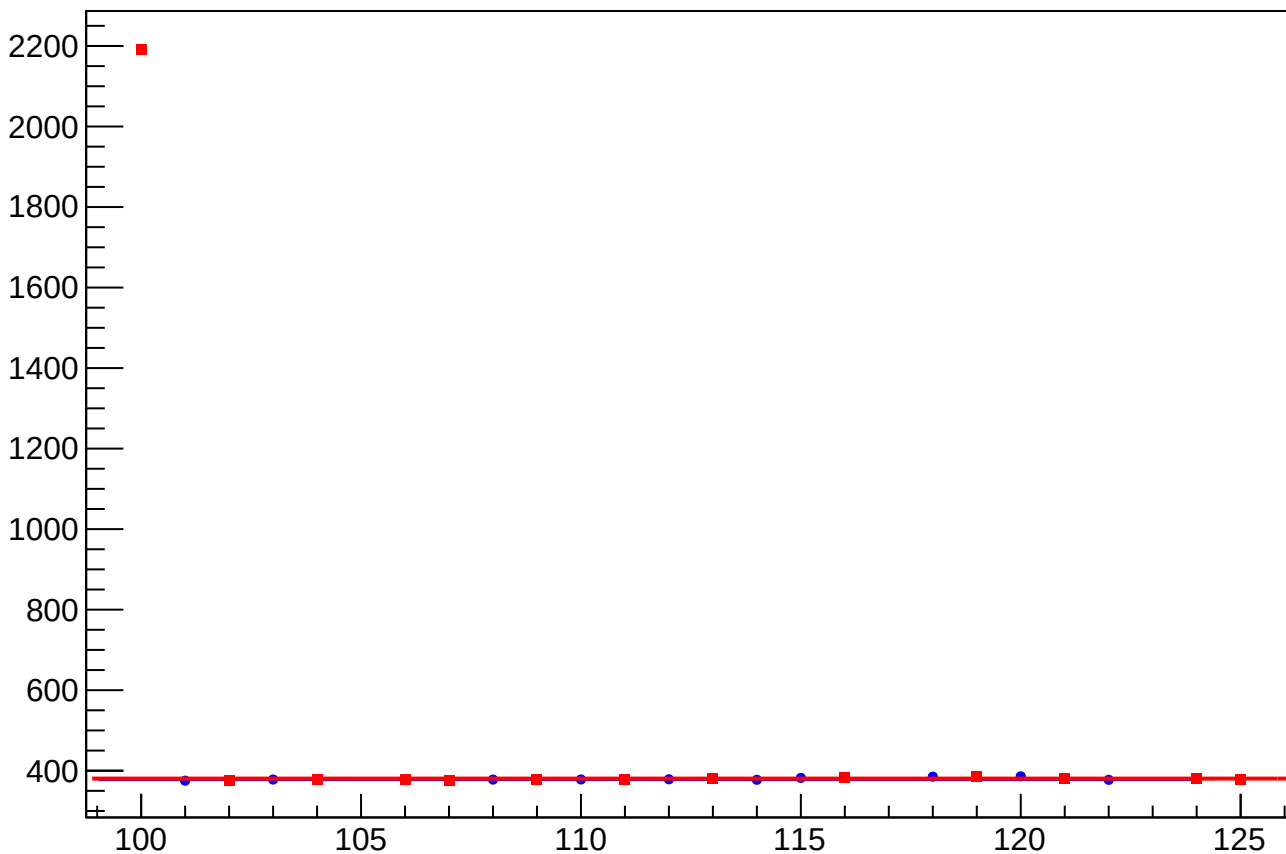
Right: -36.640+/-125.808 χ^2/NDF : 20.5/22

In: -95.522+/-187.370 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.640+/-125.808 χ^2/NDF : 20.5/22

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: 380.383+/-0.120 χ^2/NDF : 99448.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

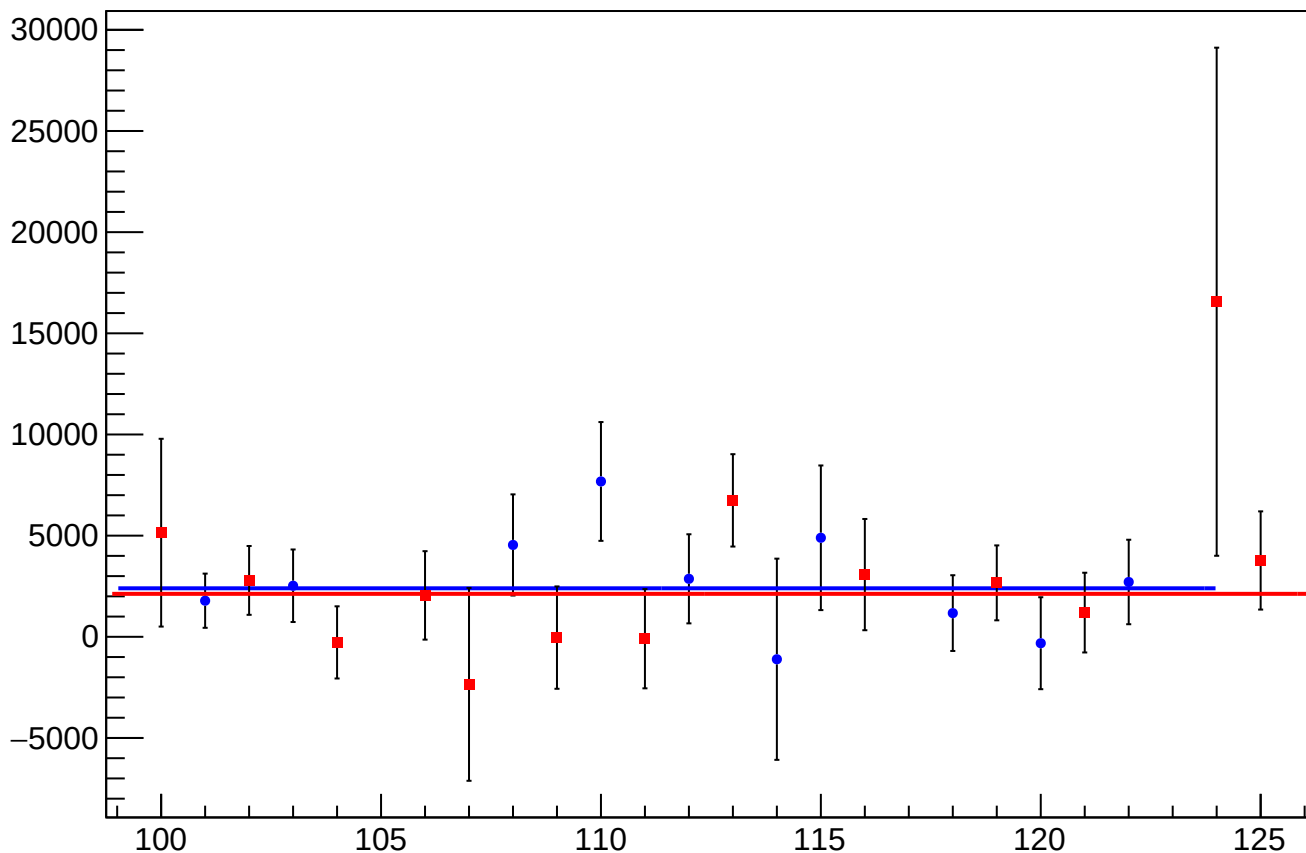
Right: 379.893+/-0.089 χ^2/NDF : 100177.7/22

In: 379.296+/-0.132 χ^2/NDF : 692.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 379.893+/-0.089 χ^2/NDF : 100177.7/22

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: 2123.468+/-654.860 χ^2/NDF : 11.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

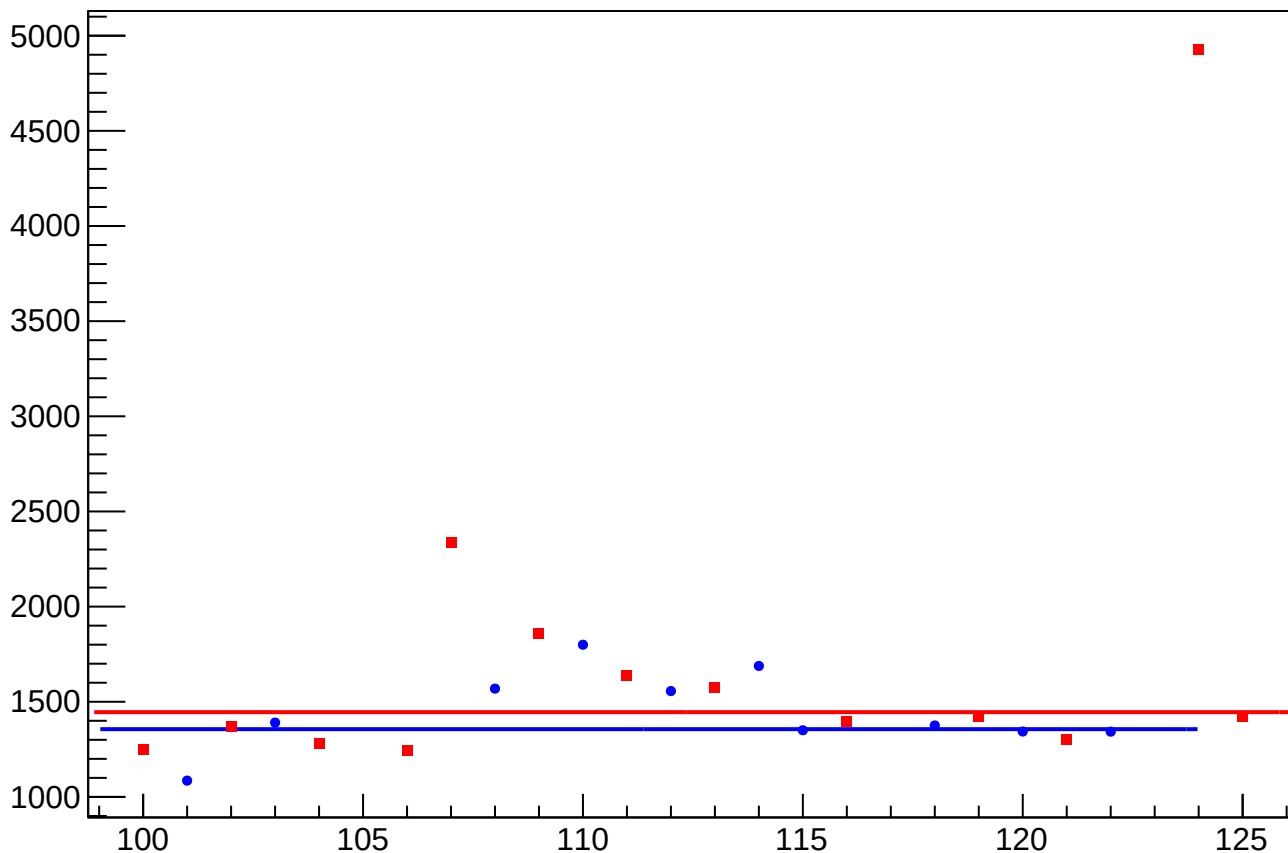
Right: 2255.707+/-470.874 χ^2/NDF : 18.3/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2255.707+/-470.874 χ^2/NDF : 18.3/22

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: 1445.419+/-0.463 χ^2/NDF : 349761.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

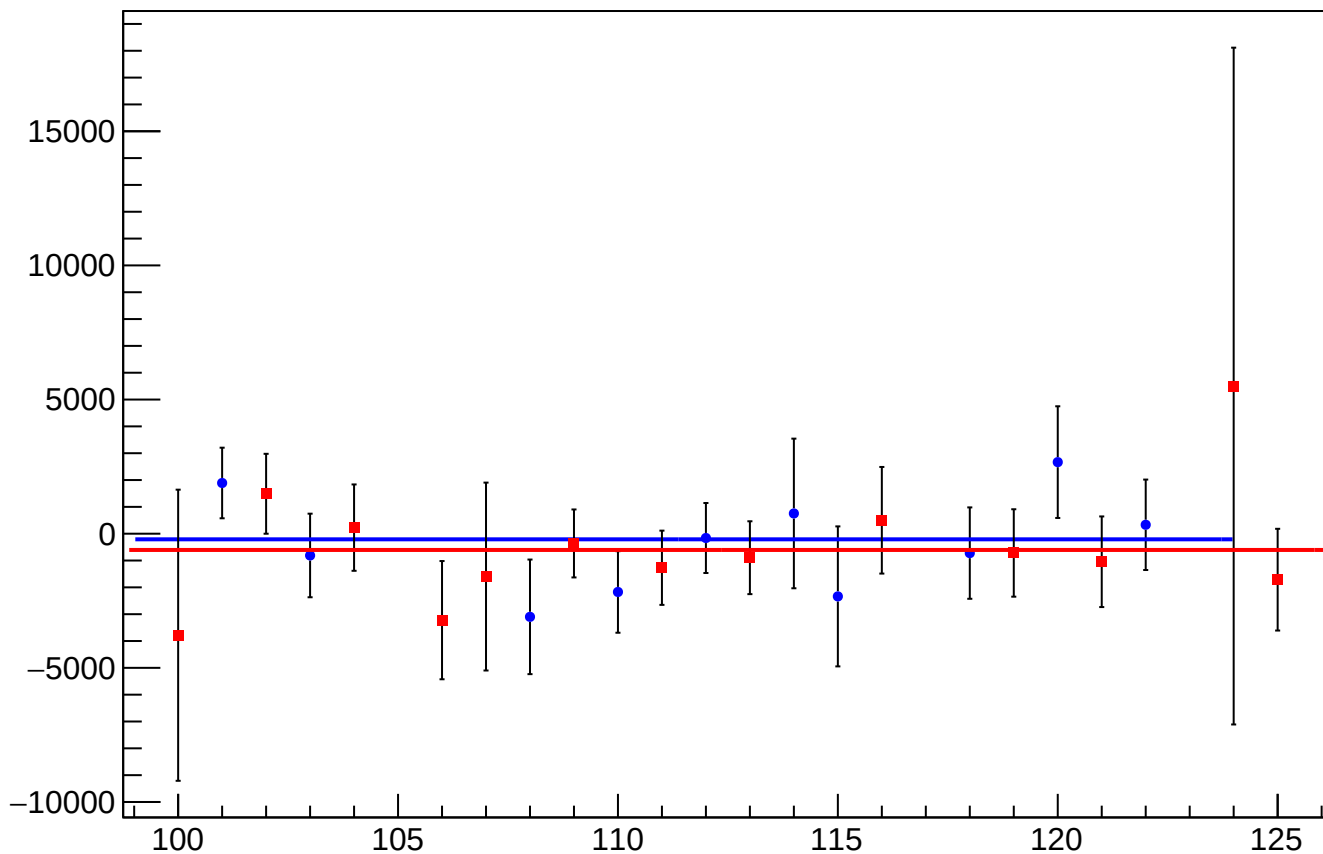
Right: 1402.226+/-0.333 χ^2/NDF : 536035.3/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1402.226+/-0.333 χ^2/NDF : 536035.3/22

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: -605.940+/-493.153 χ^2/NDF : 5.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

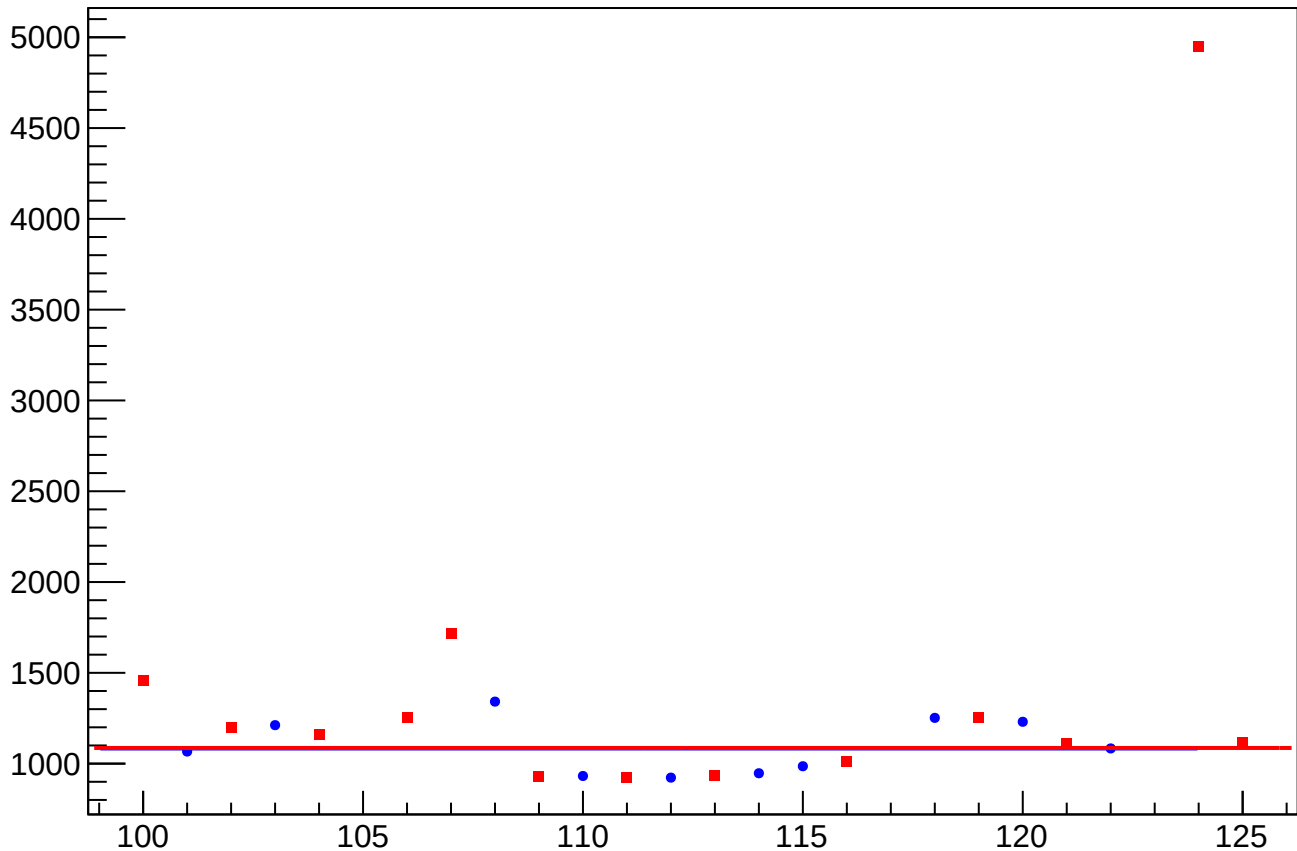
Right: -425.670+/-364.059 χ^2/NDF : 14.7/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -425.670+/-364.059 χ^2/NDF : 14.7/22

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: 1086.260+/-0.349 χ^2/NDF : 397651.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

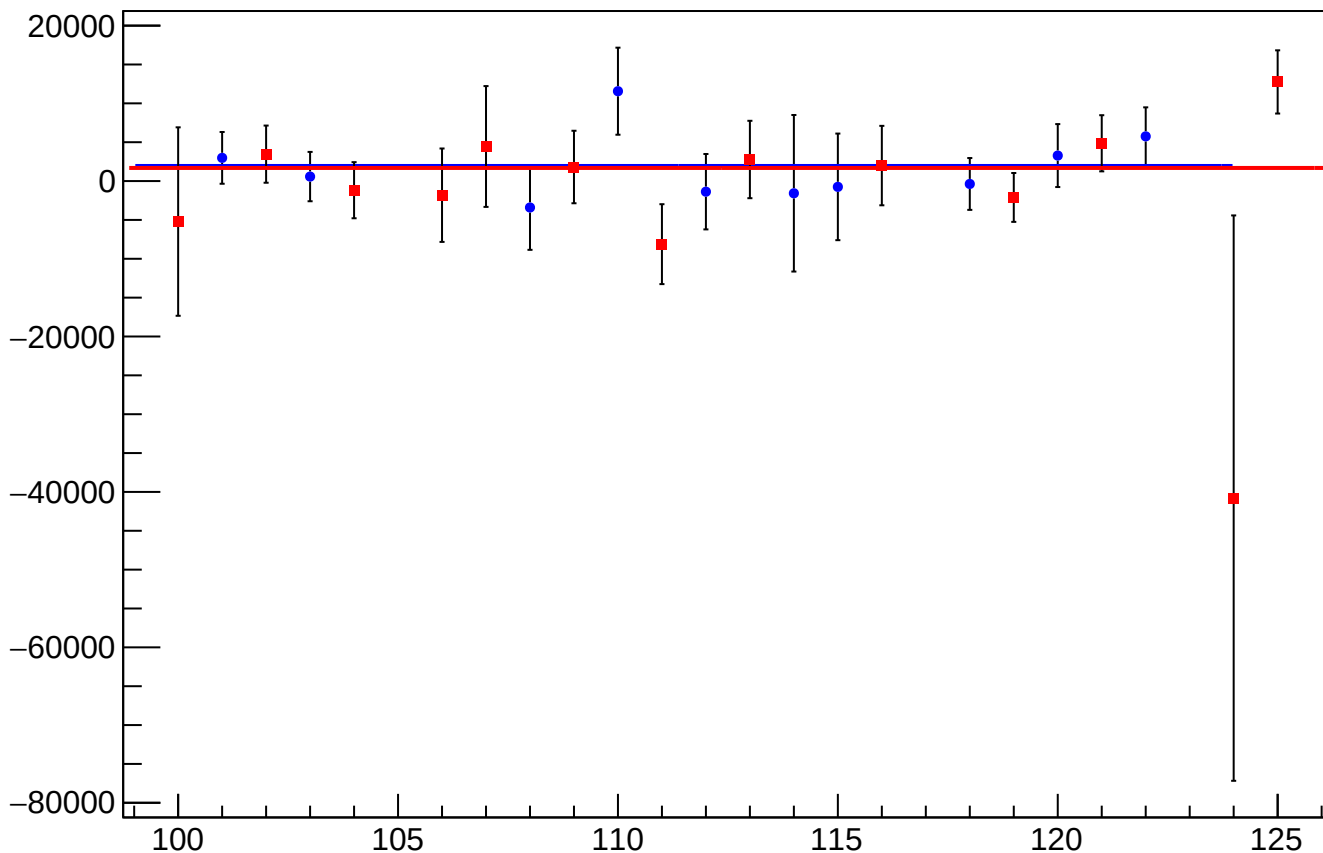
Right: 1084.979+/-0.257 χ^2/NDF : 528169.6/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1084.979+/-0.257 χ^2/NDF : 528169.6/22

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: 1687.406+/-1287.712 χ^2/NDF : 16.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

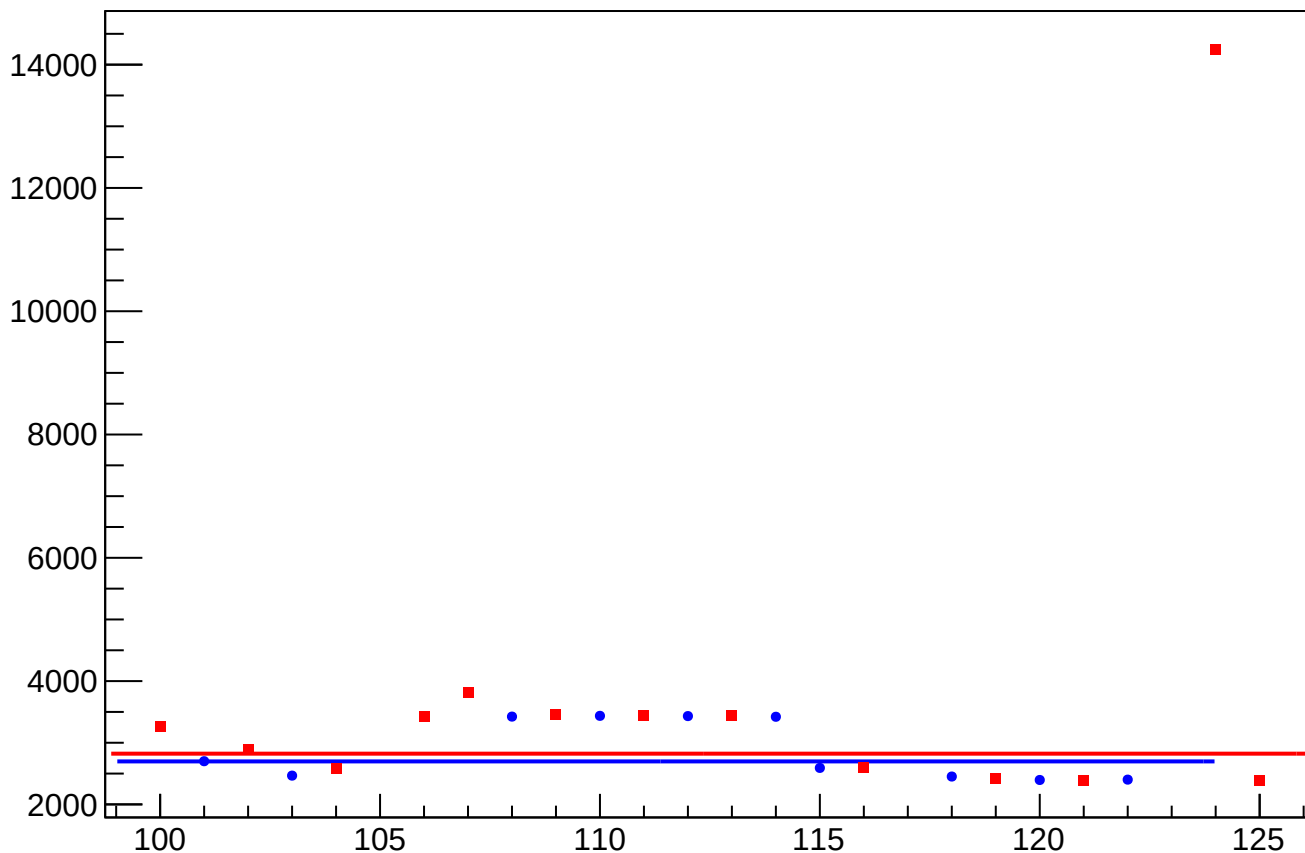
Right: 1808.637+/-930.790 χ^2/NDF : 22.9/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1808.637+/-930.790 χ^2/NDF : 22.9/22

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: 2822.941+/-0.911 χ^2/NDF : 444912.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

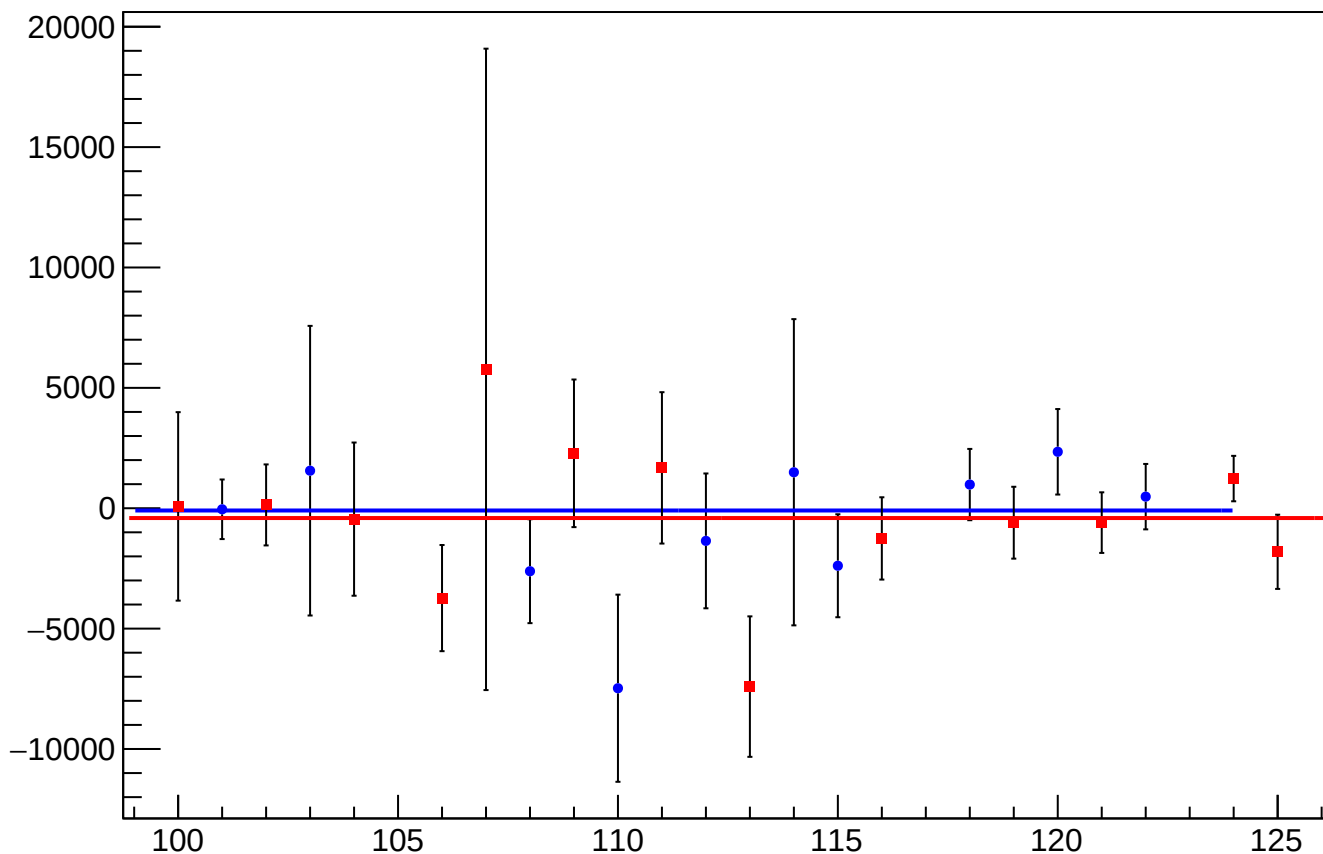
Right: 2762.934+/-0.658 χ^2/NDF : 626158.0/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2762.934+/-0.658 χ^2/NDF : 626158.0/22

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: -407.396 ± 498.747 χ^2/NDF : 13.7/12

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

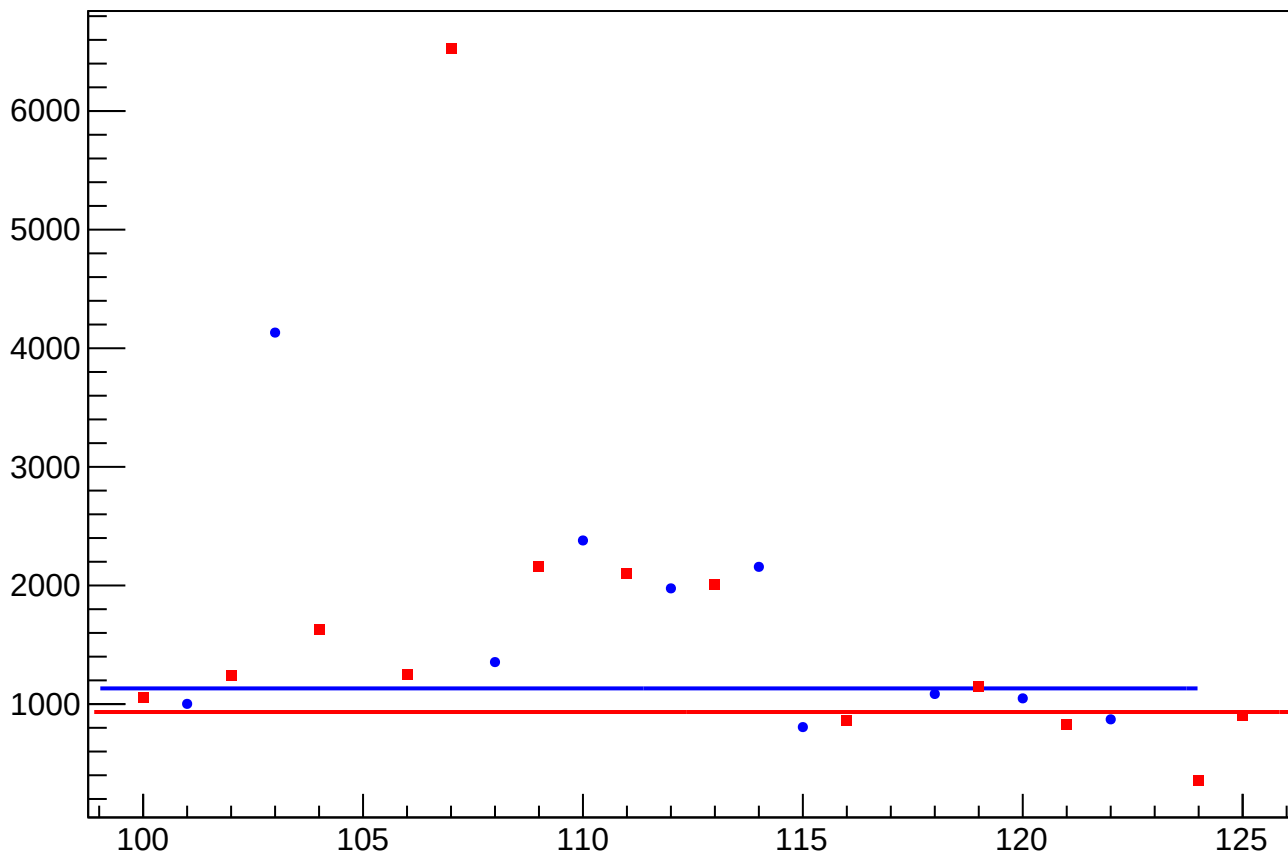
Right: -282.786 ± 387.263 χ^2/NDF : 22.9/22

In: -93.588 ± 614.555 χ^2/NDF : 9.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -282.786 ± 387.263 χ^2/NDF : 22.9/22

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: 933.258+/-0.353 χ^2/NDF : 2239701.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

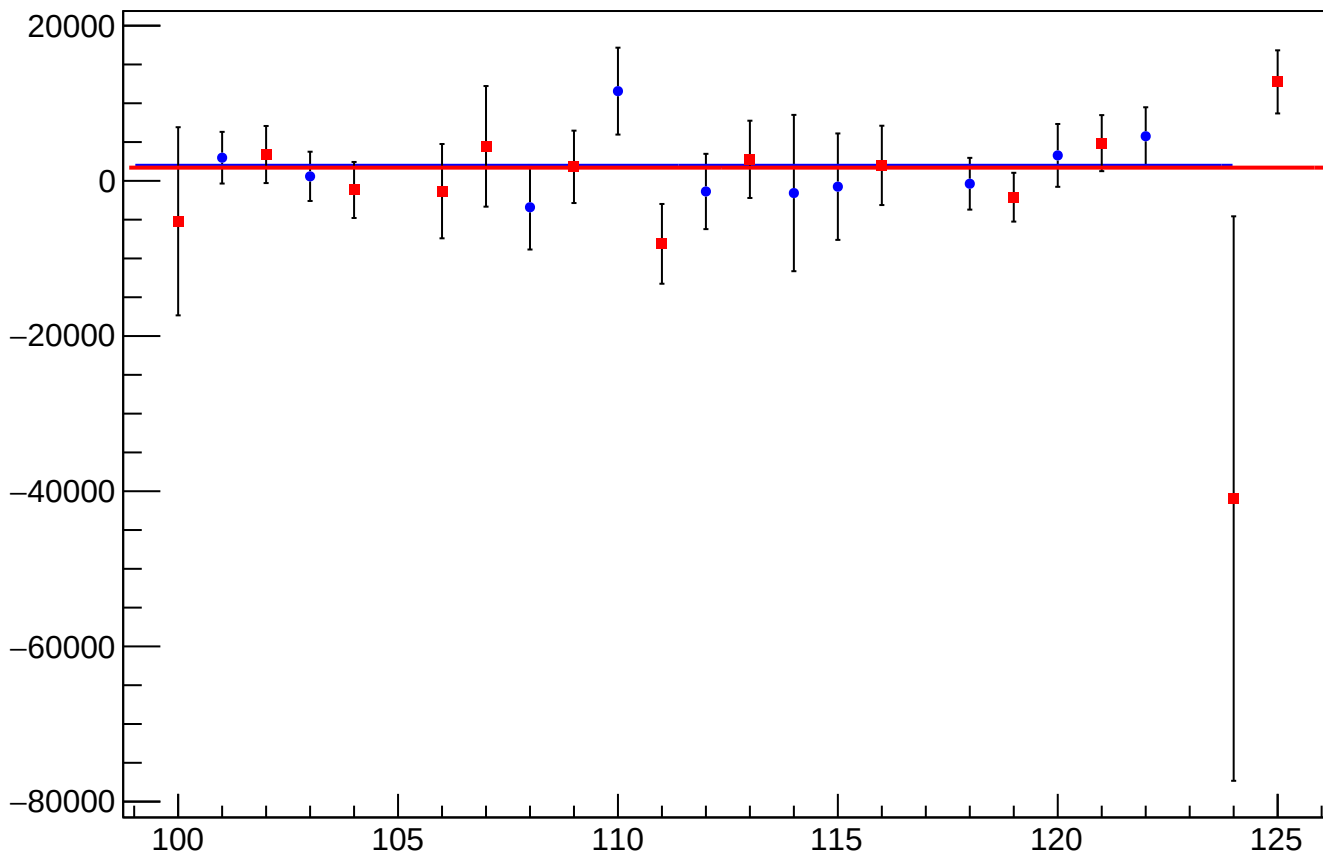
Right: 1012.302+/-0.274 χ^2/NDF : 3473158.0/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1012.302+/-0.274 χ^2/NDF : 3473158.0/22

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: 1704.165+/-1288.384 χ^2/NDF : 16.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

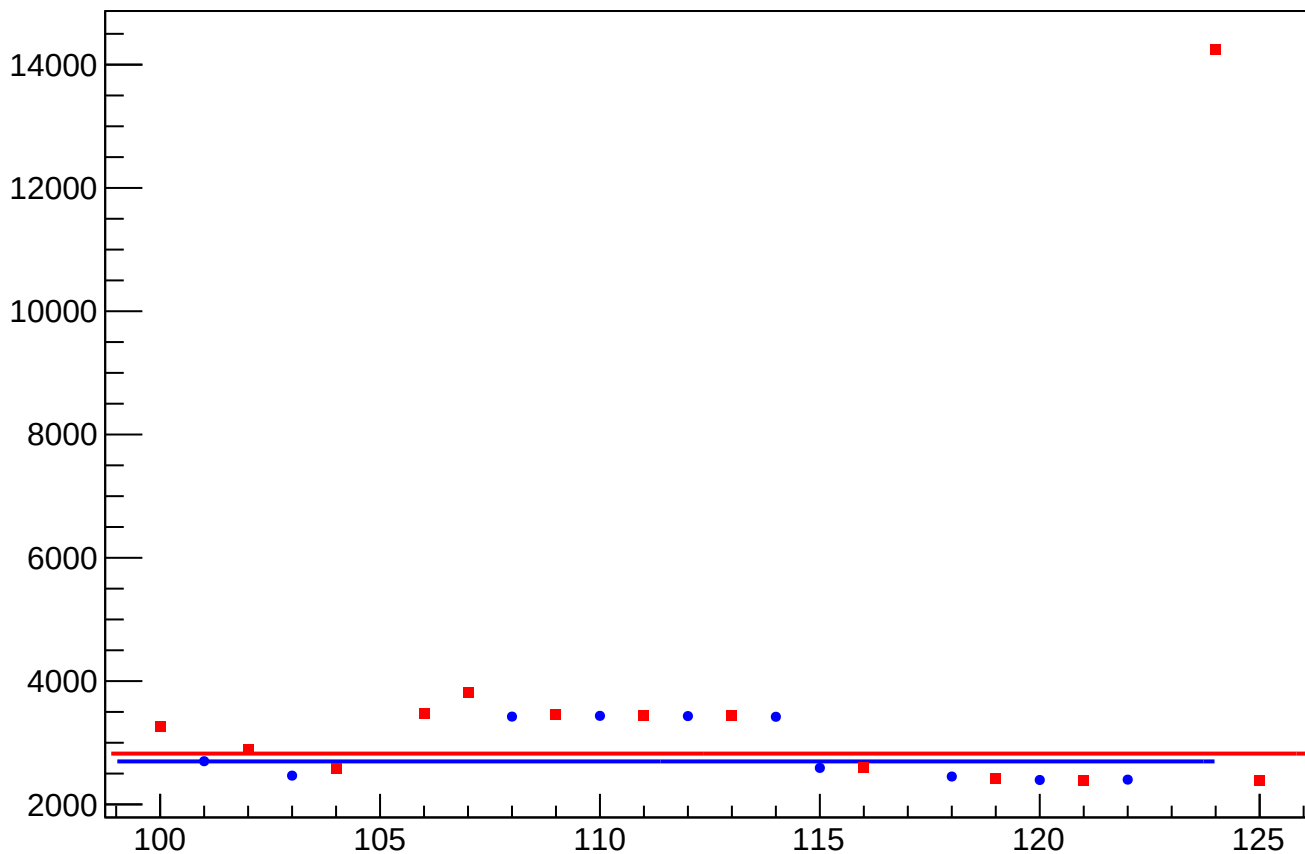
Right: 1817.797+/-931.044 χ^2/NDF : 22.8/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1817.797+/-931.044 χ^2/NDF : 22.8/22

cor_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2697.279 $\pm$ 0.952 χ^2/NDF : 172150.7/9

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

Right Out: 2824.077 $\pm$ 0.911 χ^2/NDF : 447047.2/12

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

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

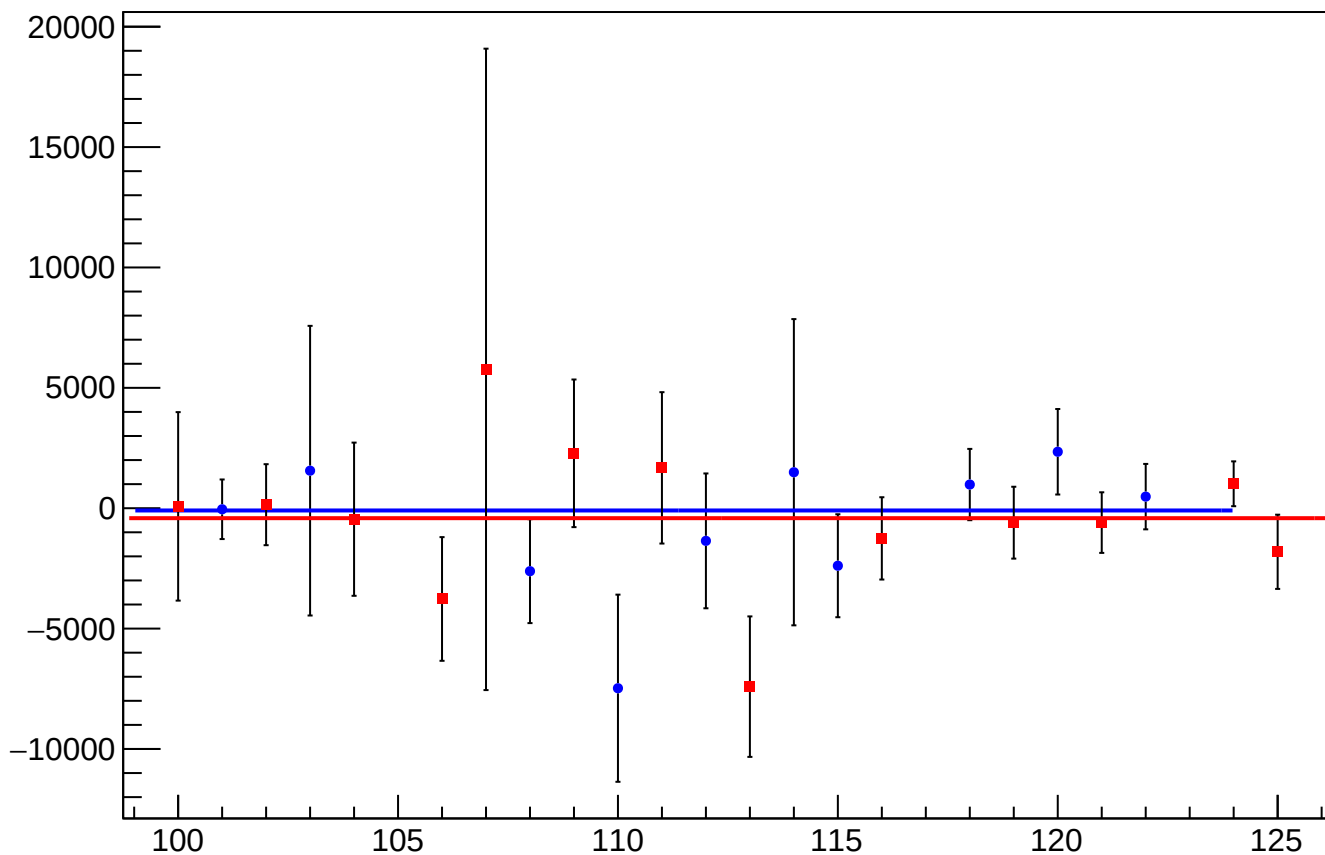
Right: 2763.495 $\pm$ 0.658 χ^2/NDF : 628453.4/22

In: 2697.279 $\pm$ 0.952 χ^2/NDF : 172150.7/9

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

All: 2763.495 $\pm$ 0.658 χ^2/NDF : 628453.4/22

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: -413.602+/-500.254 χ^2/NDF : 12.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

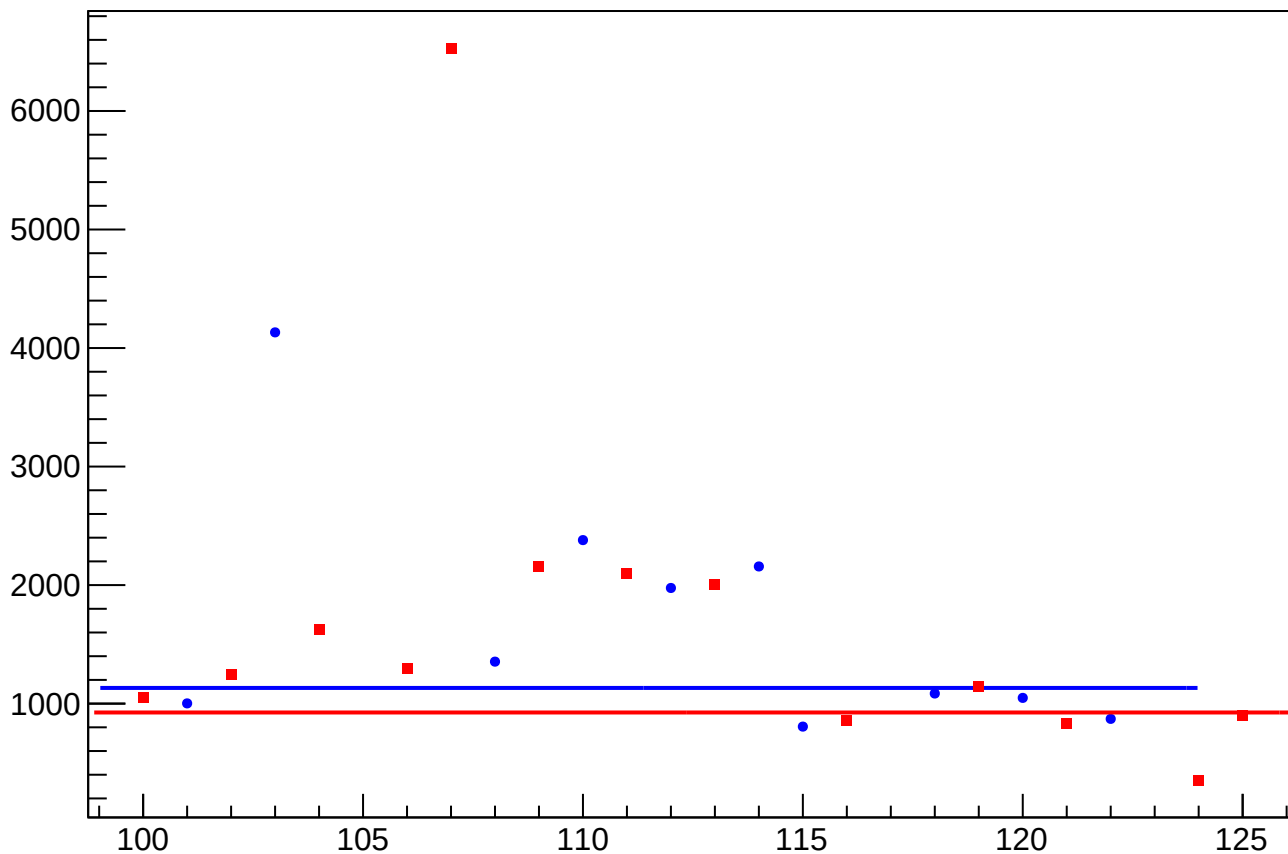
Right: -286.078+/-387.967 χ^2/NDF : 21.7/22

In: -93.623+/-614.554 χ^2/NDF :9.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -286.078+/-387.967 χ^2/NDF : 21.7/22

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: 925.175+/-0.354 χ^2/NDF : 2270604.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

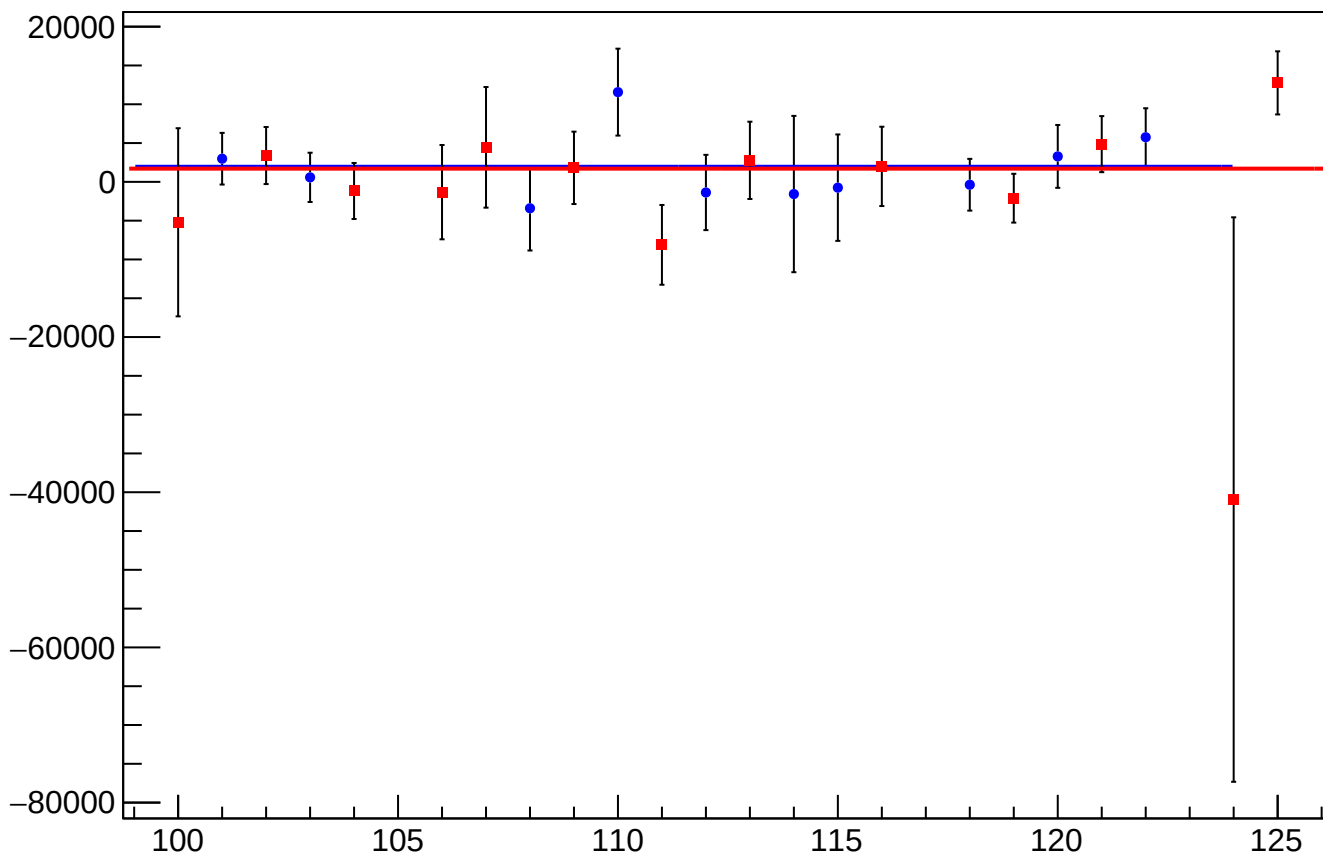
Right: 1007.728+/-0.274 χ^2/NDF : 3514198.6/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1007.728+/-0.274 χ^2/NDF : 3514198.6/22

eigen_cor_asym_atl1_mean vs Slug, Sign Corrected



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

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

Right Out: 1704.165+/-1288.384 χ^2/NDF : 16.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

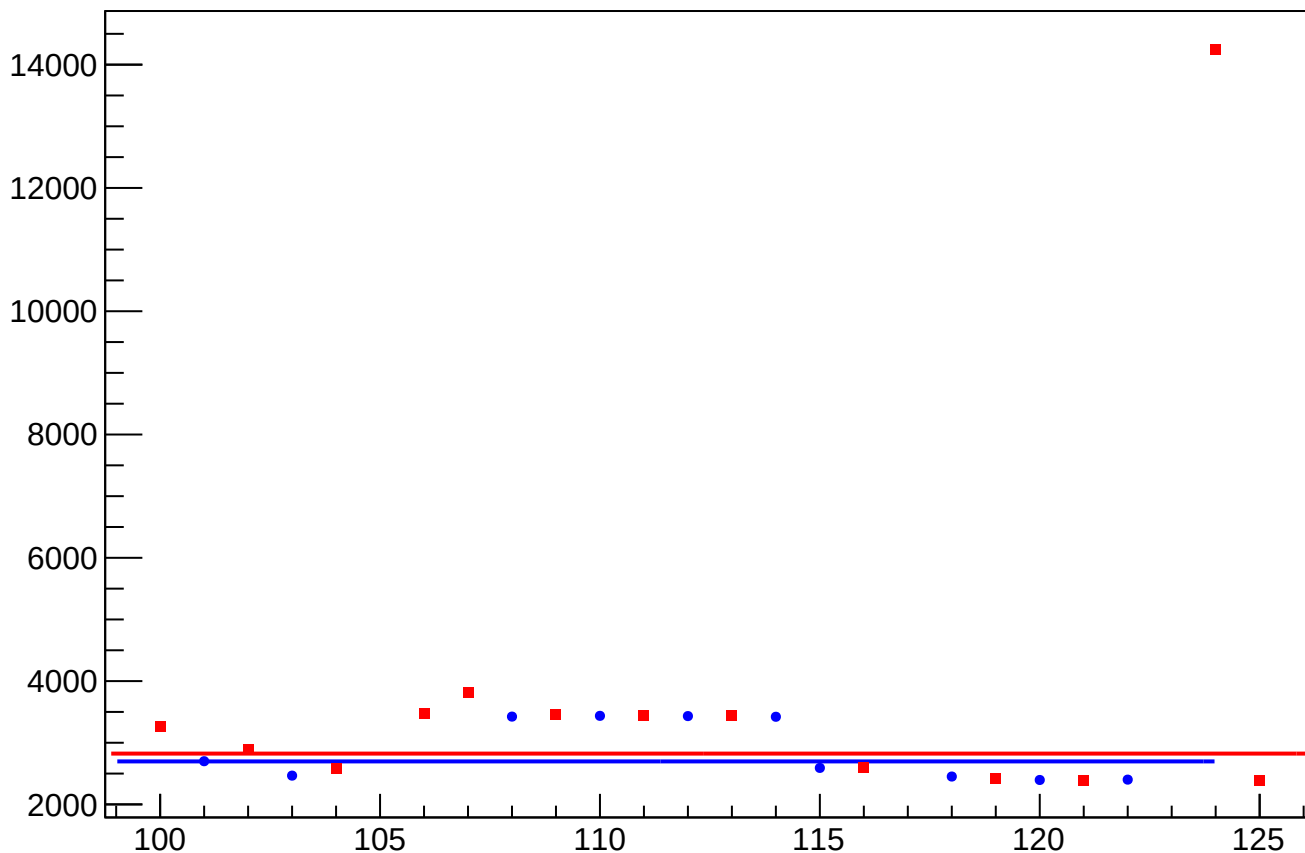
Right: 1817.797+/-931.044 χ^2/NDF : 22.8/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1817.797+/-931.044 χ^2/NDF : 22.8/22

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: 2824.077+/-0.911 χ^2/NDF : 447047.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

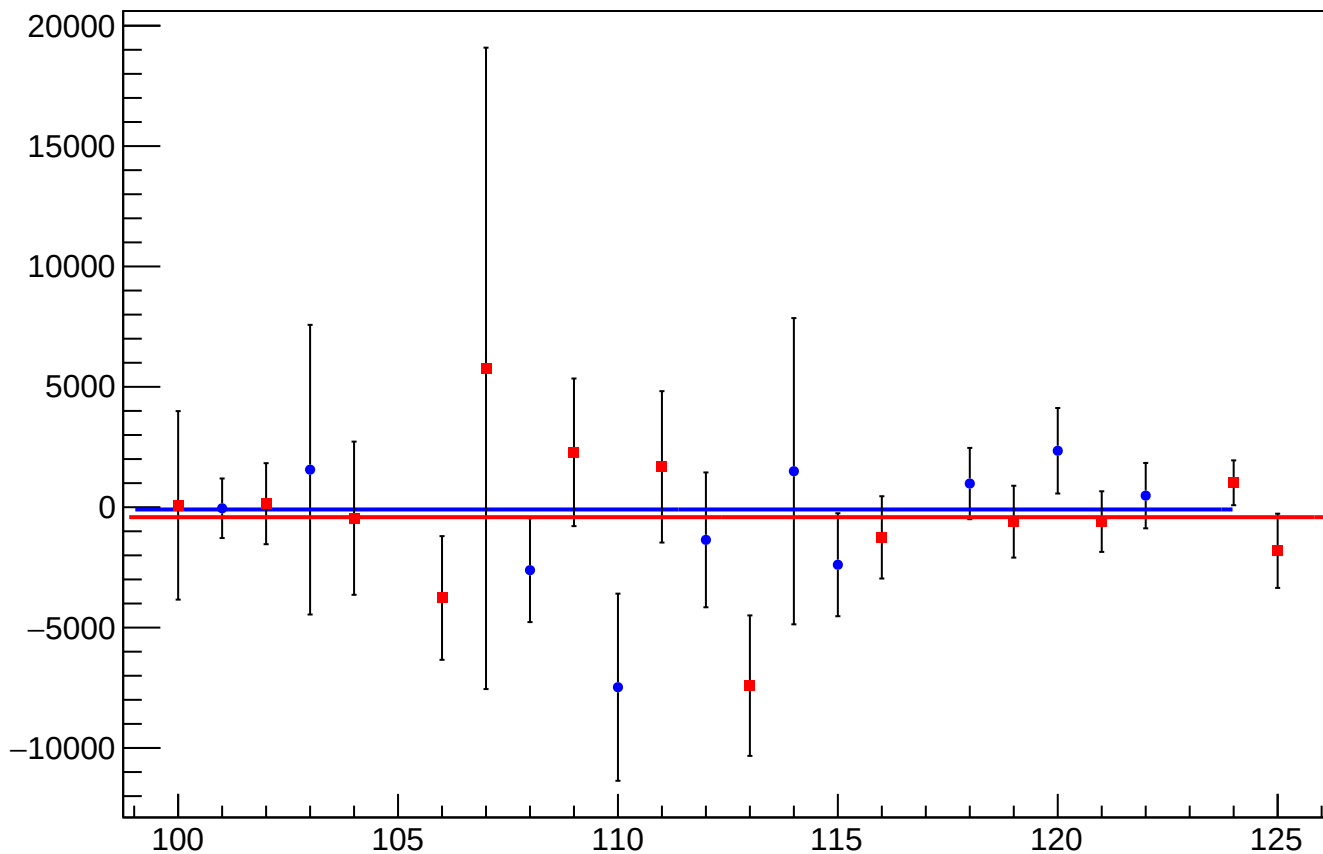
Right: 2763.495+/-0.658 χ^2/NDF : 628453.4/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2763.495+/-0.658 χ^2/NDF : 628453.4/22

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: -413.602±/-500.254 χ^2 /NDF: 12.5/12

Left In: 0.000±/-0.000 χ^2 /NDF:0.0/0

Left: 0.000±/-0.000 χ^2 /NDF: 0.0/0

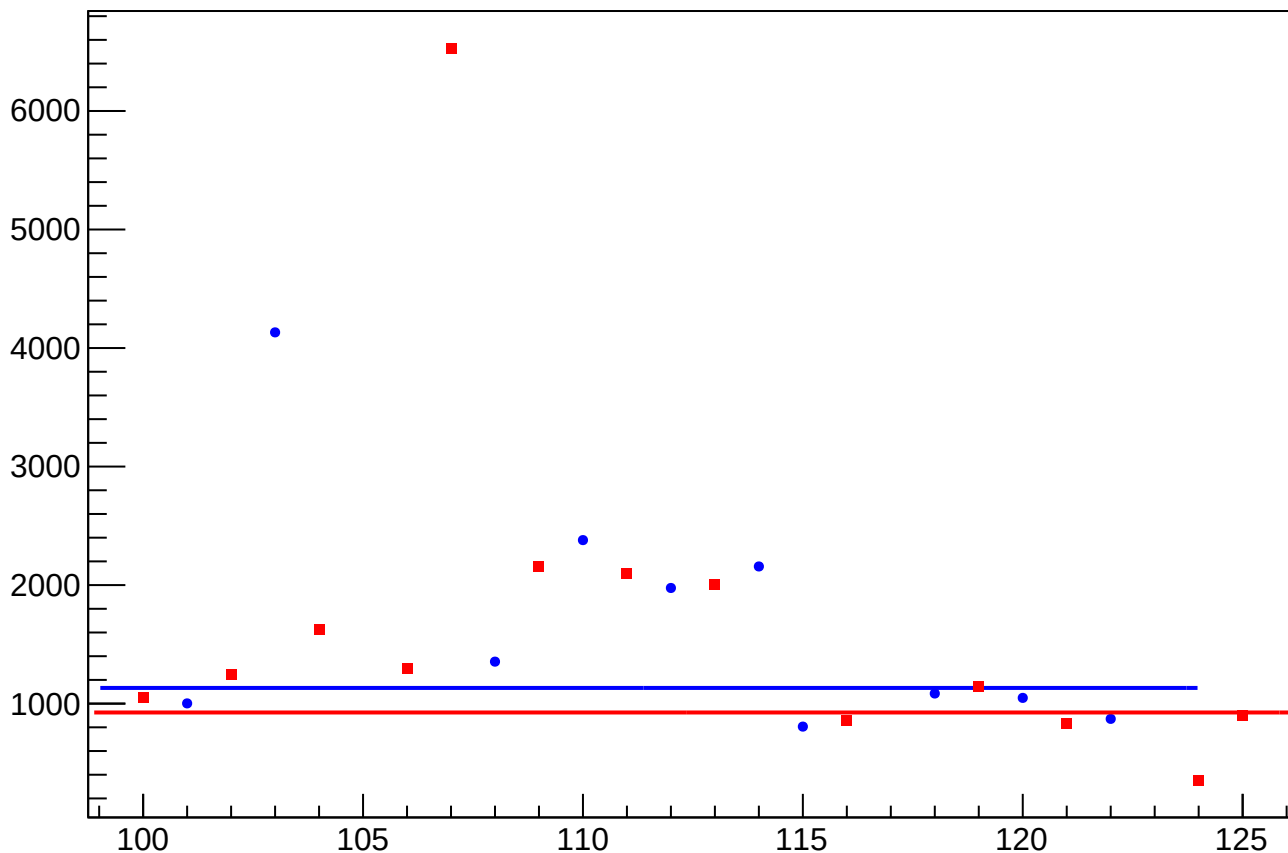
Right: -286.078±/-387.967 χ^2 /NDF: 21.7/22

In: -93.623±/-614.554 χ^2 /NDF:9.1/9

Out: 0.000±/-0.000 χ^2 /NDF:0.0/0

All: -286.078±/-387.967 χ^2 /NDF: 21.7/22

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: 925.175+/-0.354 χ^2/NDF : 2270604.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

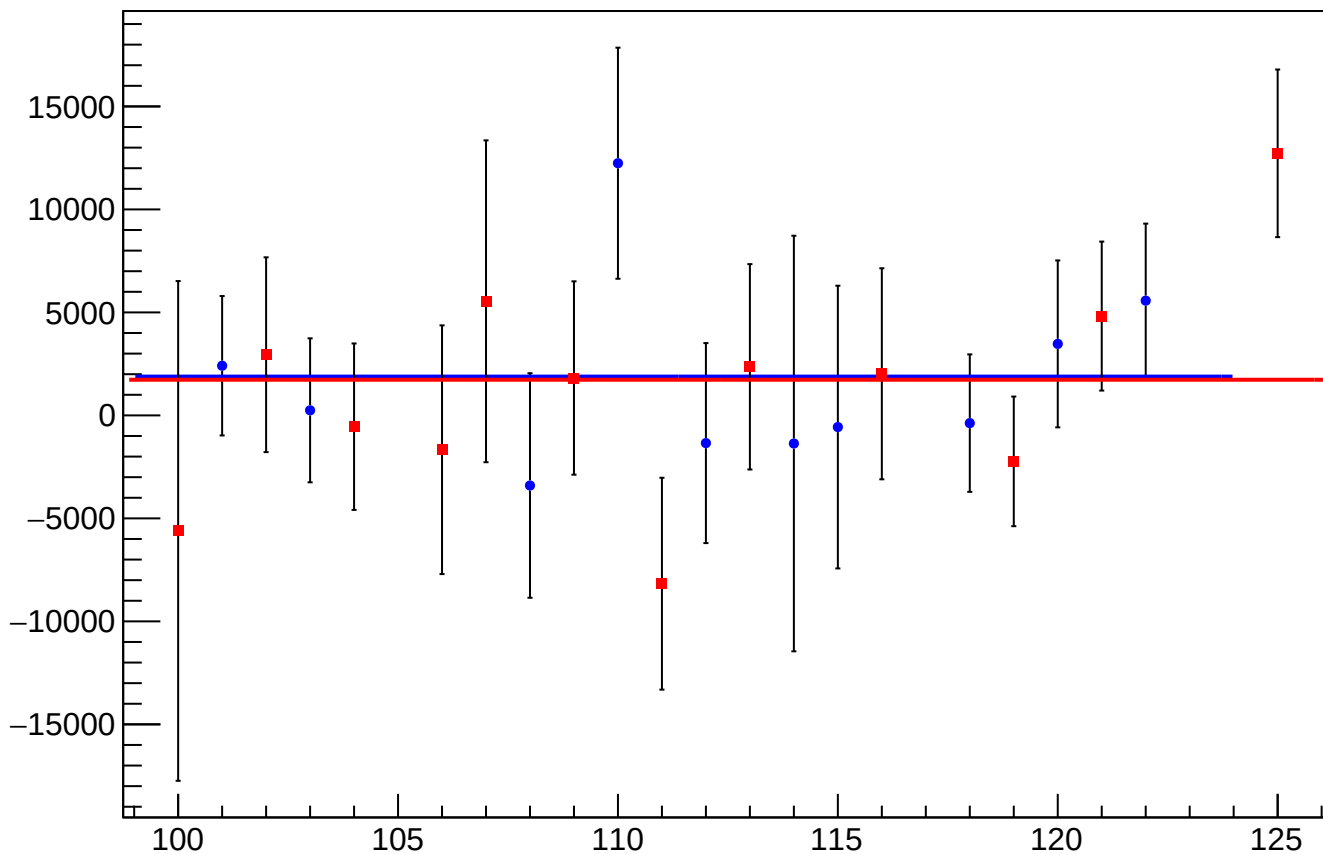
Right: 1007.728+/-0.274 χ^2/NDF : 3514198.6/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1007.728+/-0.274 χ^2/NDF : 3514198.6/22

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: 1730.216+/-1341.140 χ^2/NDF : 14.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

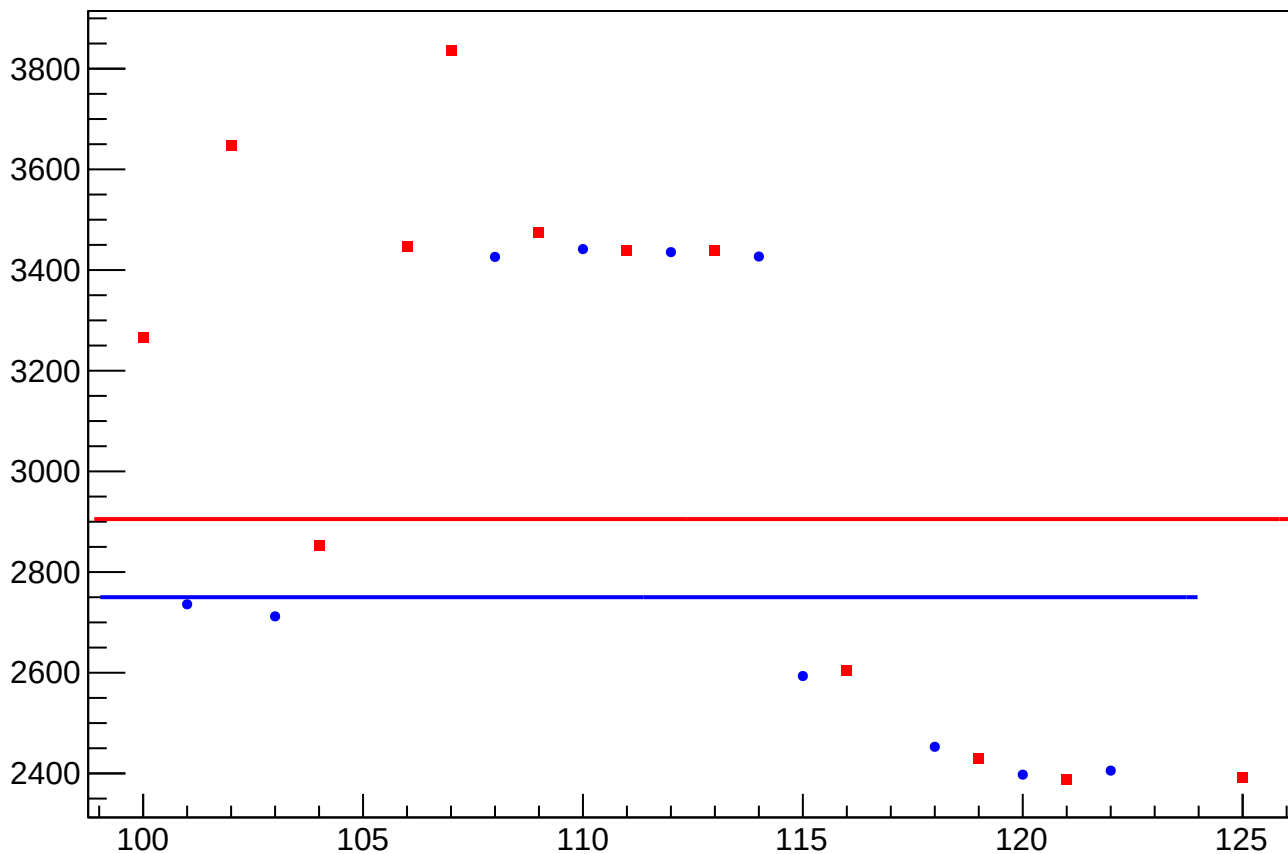
Right: 1805.017+/-959.482 χ^2/NDF : 21.5/21

In: 1883.444+/-1373.253 χ^2/NDF :6.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1805.017+/-959.482 χ^2/NDF : 21.5/21

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: 2905.232+/-0.948 χ^2/NDF : 295168.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

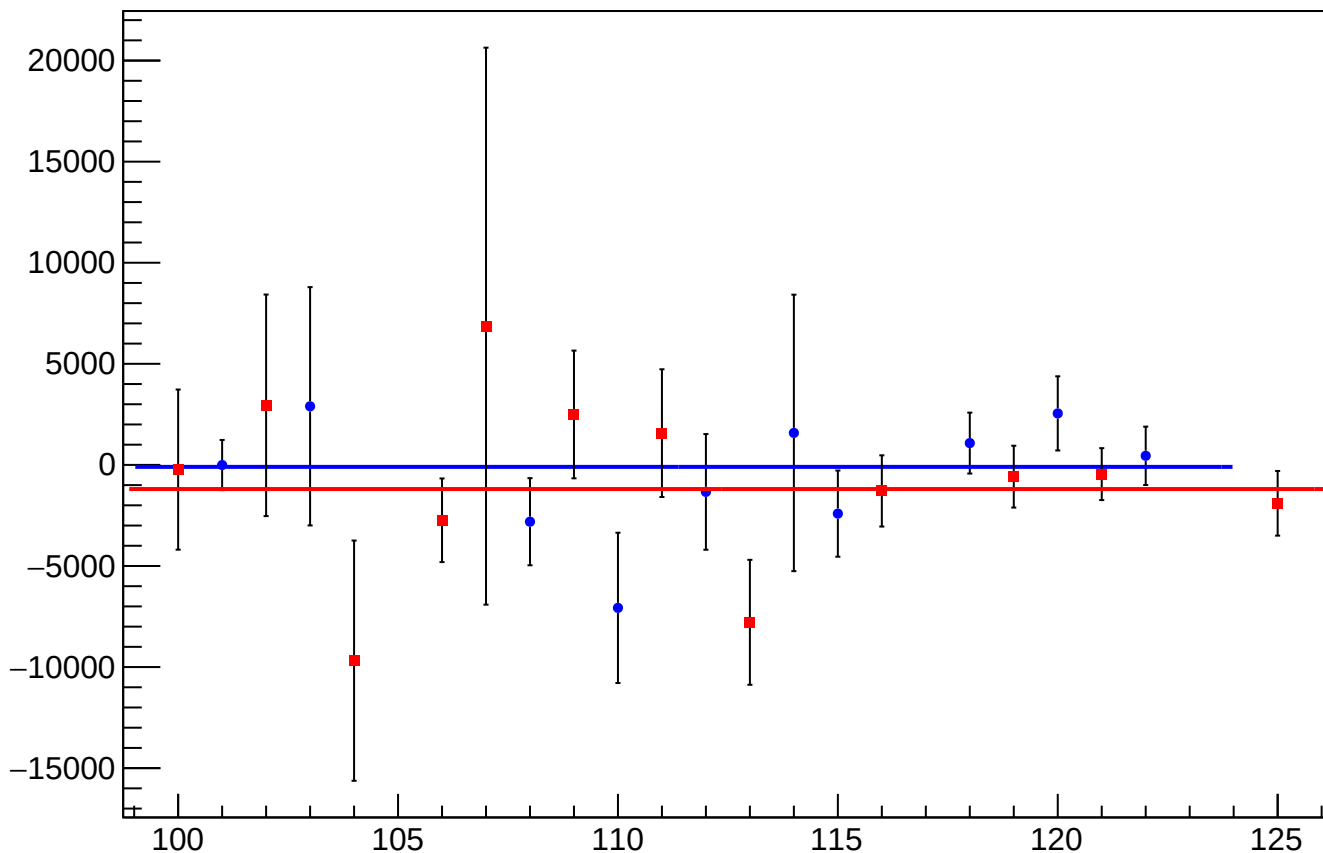
Right: 2829.500+/-0.678 χ^2/NDF : 467555.9/21

In: 2750.097+/-0.971 χ^2/NDF :159323.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2829.500+/-0.678 χ^2/NDF : 467555.9/21

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: -1194.322+/-643.377 χ^2/NDF : 10.9/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

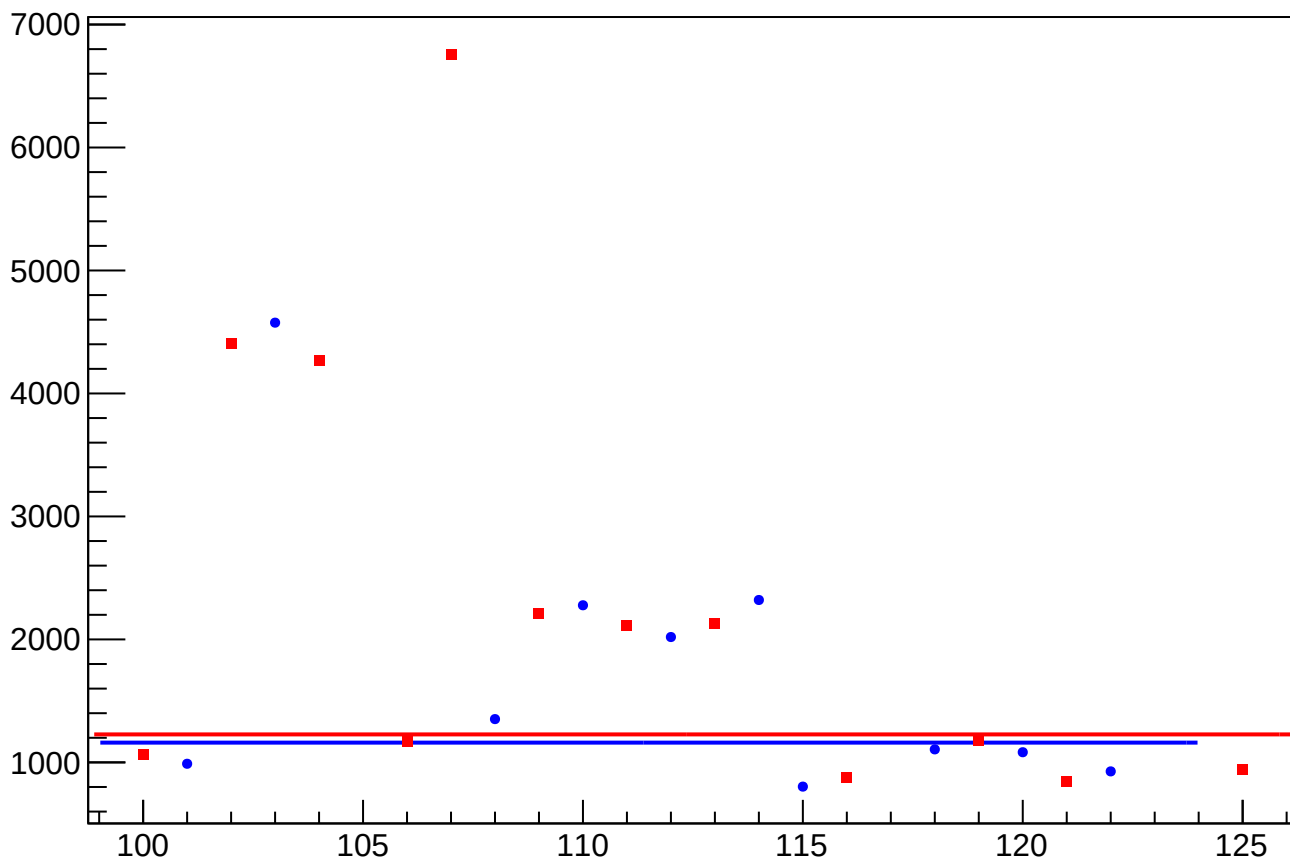
Right: -631.474+/-448.843 χ^2/NDF : 22.1/21

In: -97.802+/-626.479 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -631.474+/-448.843 χ^2/NDF : 22.1/21

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: 1227.559+/-0.455 χ^2/NDF : 2359878.4/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

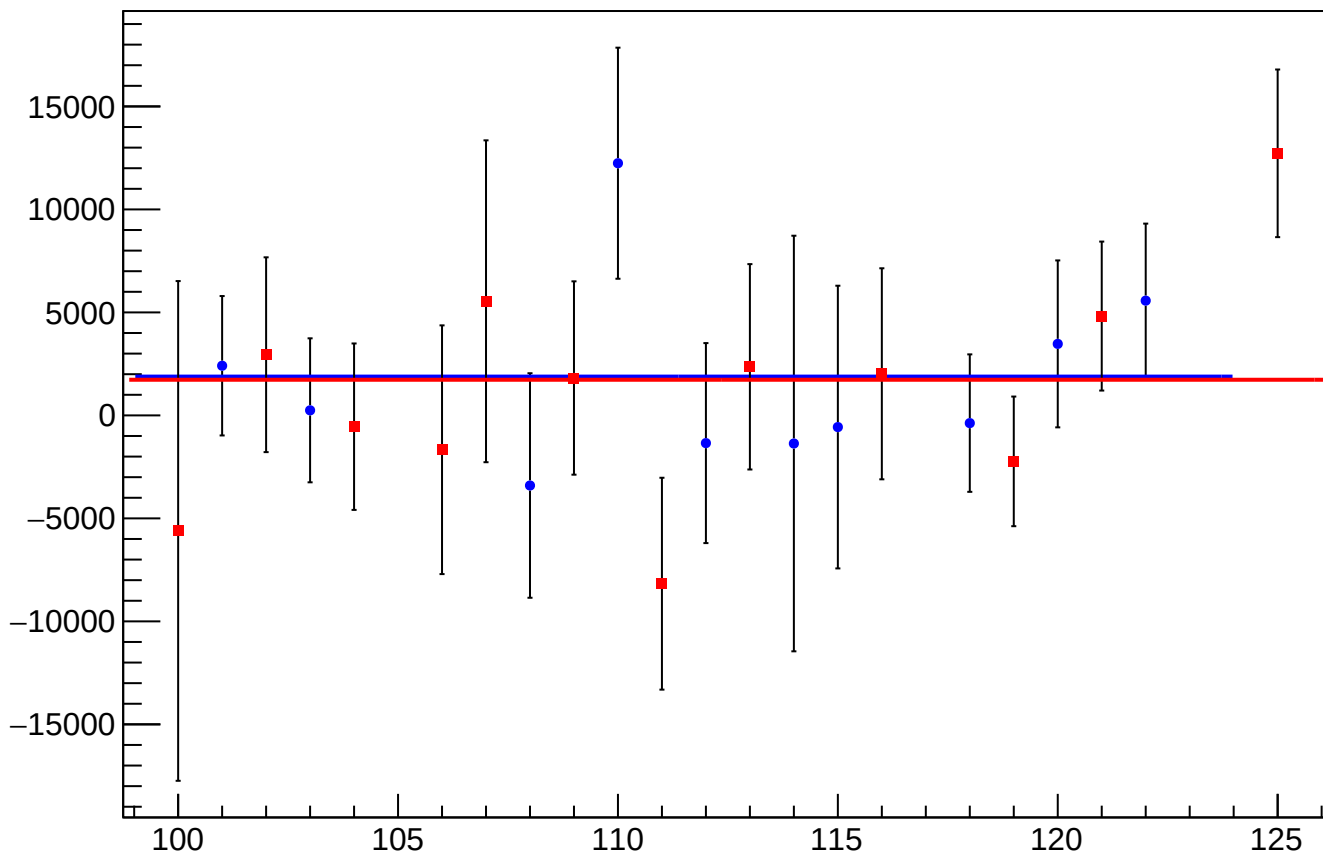
Right: 1193.256+/-0.317 χ^2/NDF : 3630078.5/21

In: 1160.731+/-0.443 χ^2/NDF : 1259123.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1193.256+/-0.317 χ^2/NDF : 3630078.5/21

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: 1730.214+/-1341.140 χ^2/NDF : 14.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

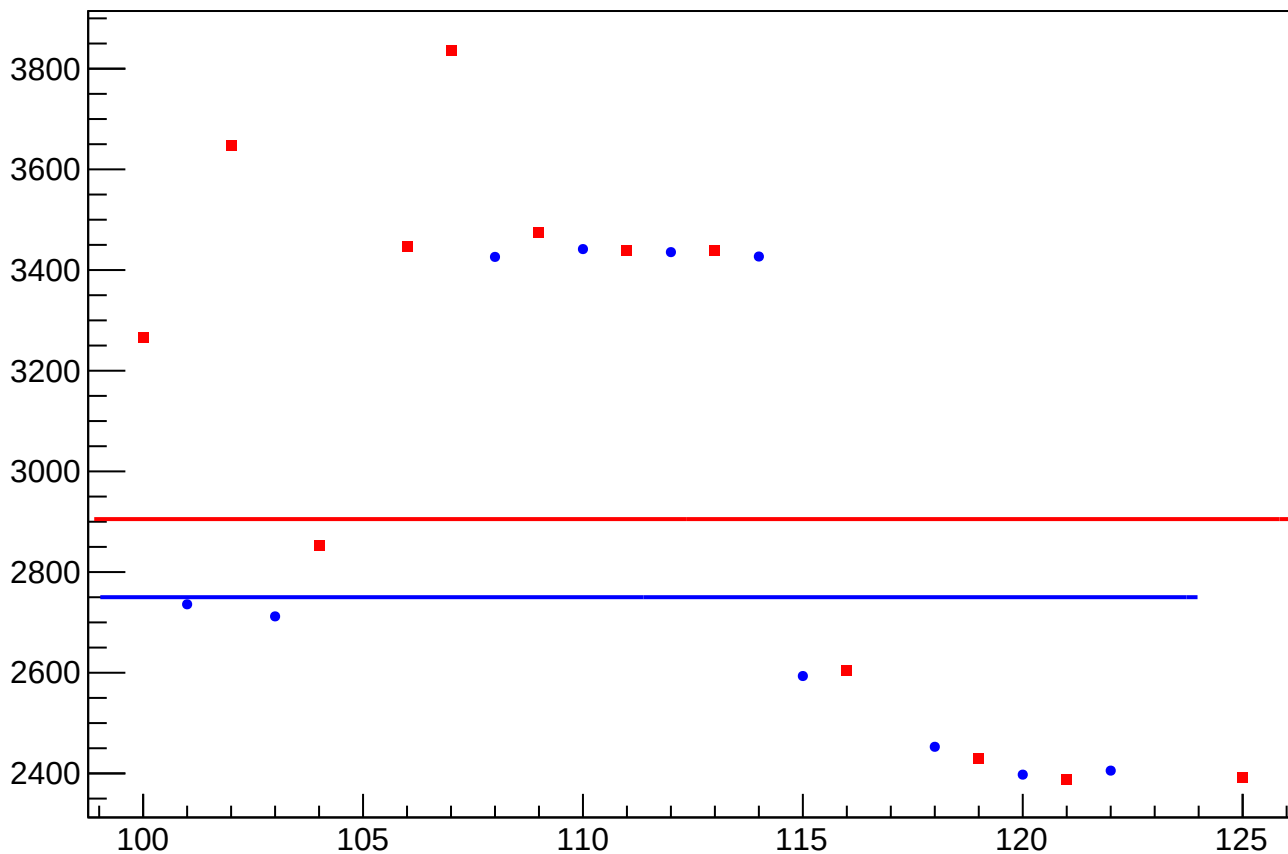
Right: 1805.013+/-959.481 χ^2/NDF : 21.5/21

In: 1883.438+/-1373.253 χ^2/NDF :6.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1805.013+/-959.481 χ^2/NDF : 21.5/21

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: 2905.231+/-0.948 χ^2/NDF : 295168.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

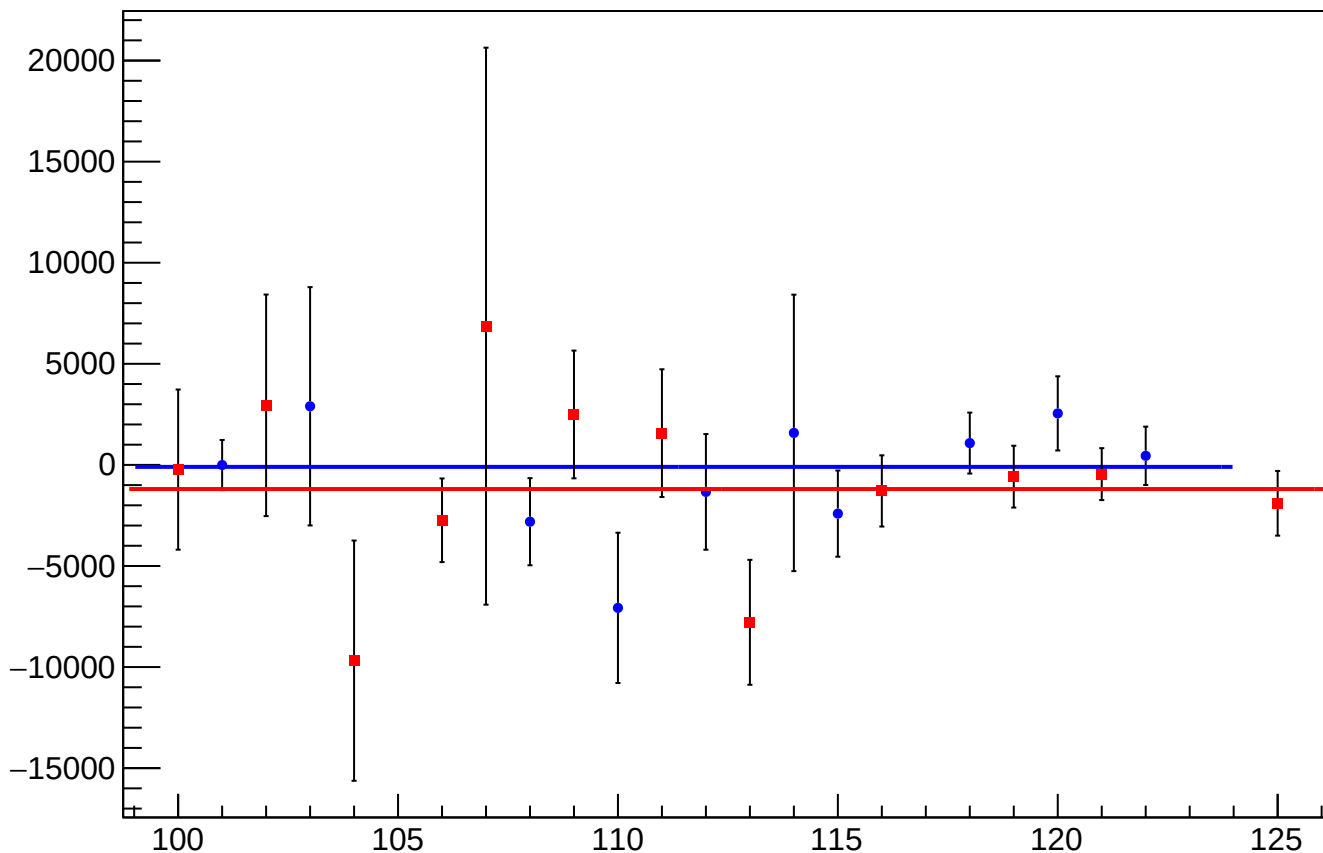
Right: 2829.499+/-0.678 χ^2/NDF : 467555.8/21

In: 2750.096+/-0.971 χ^2/NDF : 159323.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2829.499+/-0.678 χ^2/NDF : 467555.8/21

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: -1194.320+/-643.376 χ^2/NDF : 10.9/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

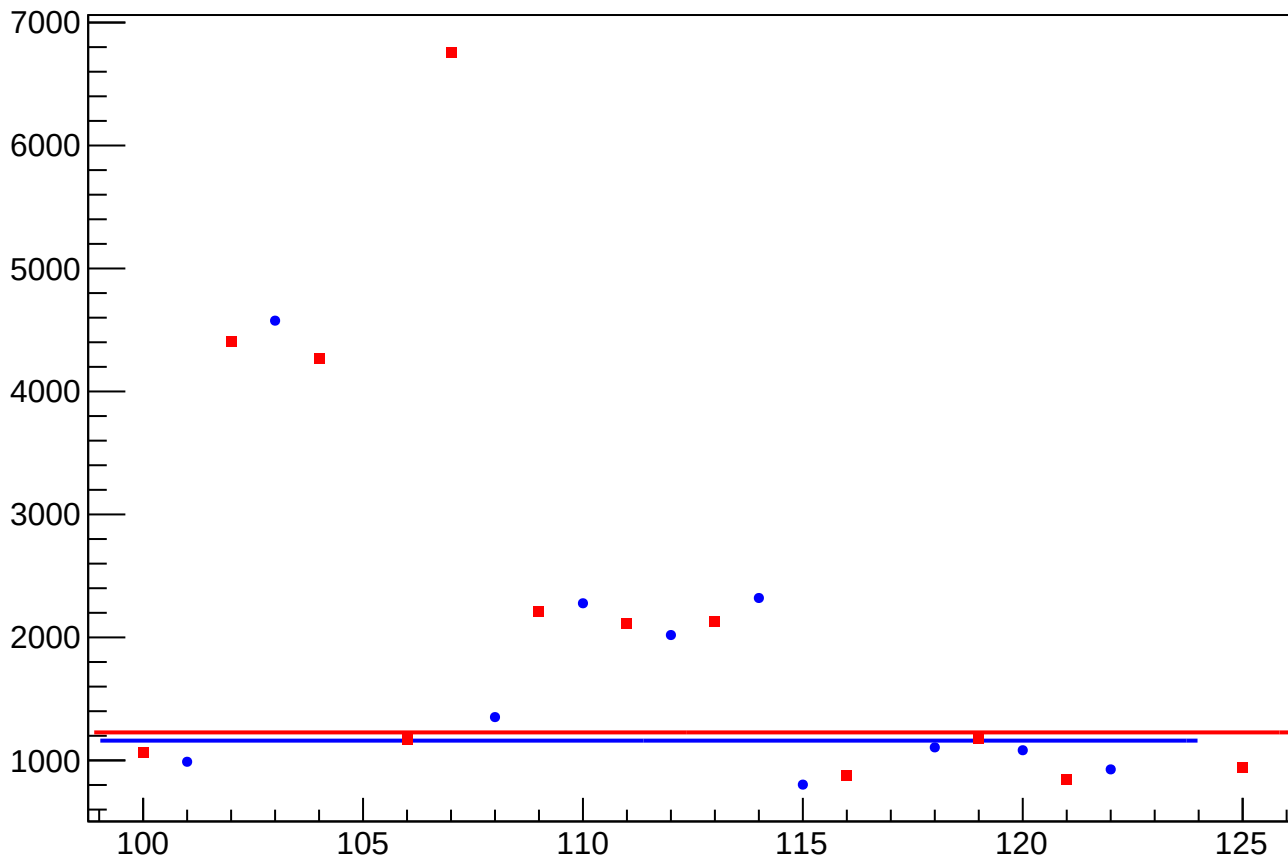
Right: -631.473+/-448.842 χ^2/NDF : 22.1/21

In: -97.804+/-626.478 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -631.473+/-448.842 χ^2/NDF : 22.1/21

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: 1227.558+/-0.455 χ^2/NDF : 2359881.2/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

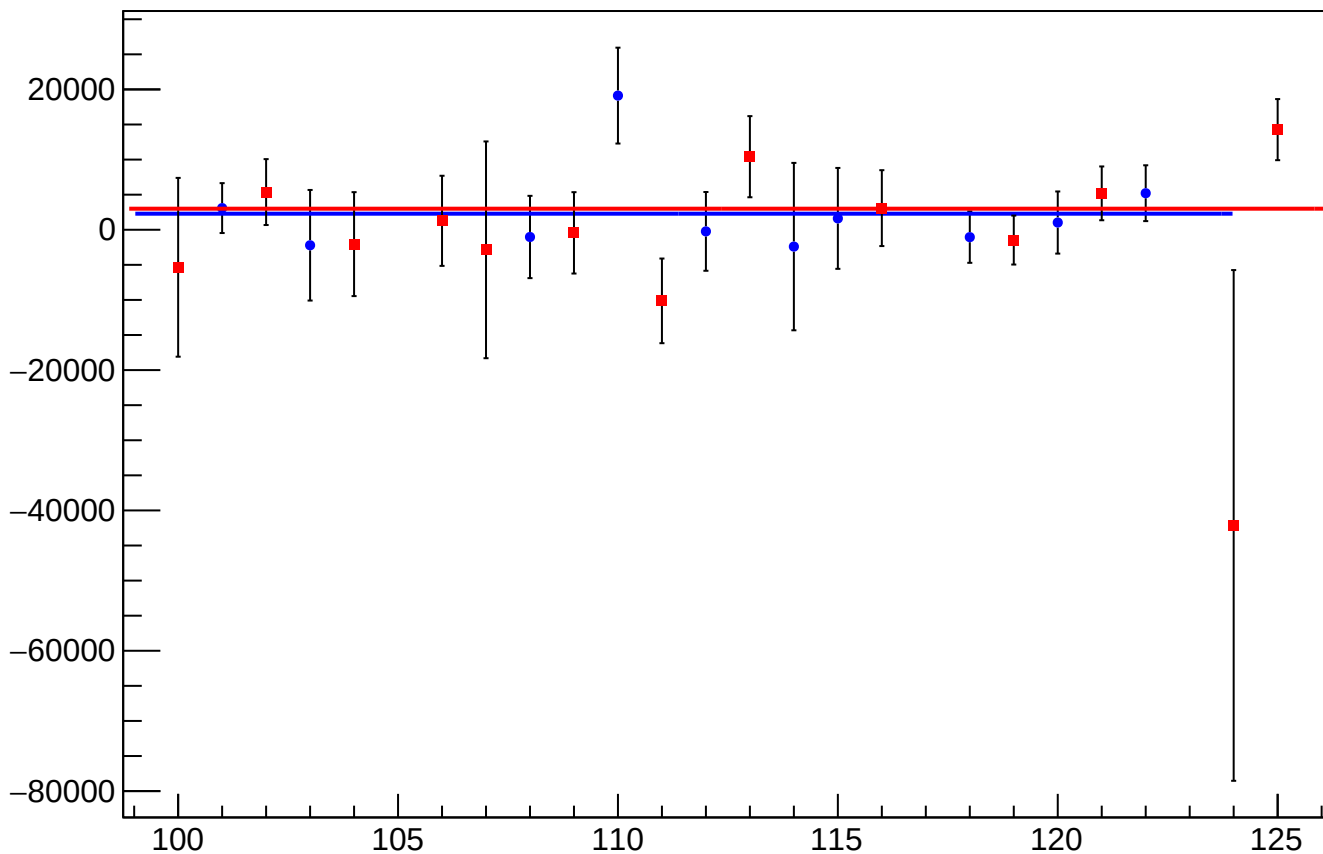
Right: 1193.254+/-0.317 χ^2/NDF : 3630084.1/21

In: 1160.729+/-0.443 χ^2/NDF : 1259126.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1193.254+/-0.317 χ^2/NDF : 3630084.1/21

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: 3001.564+/-1537.026 χ^2/NDF : 18.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

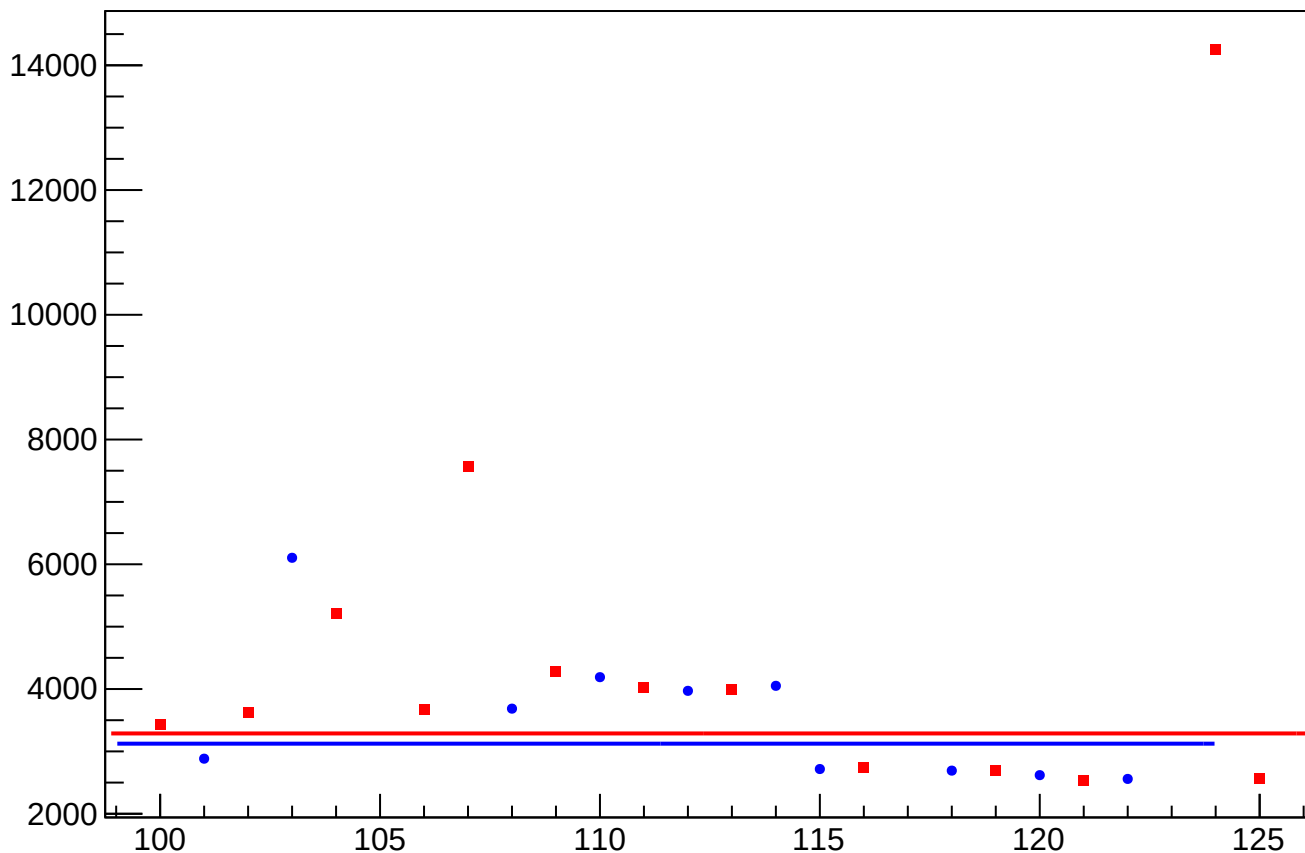
Right: 2658.908+/-1107.073 χ^2/NDF : 27.0/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2658.908+/-1107.073 χ^2/NDF : 27.0/22

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: 3287.881+/-1.087 χ^2/NDF : 817717.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

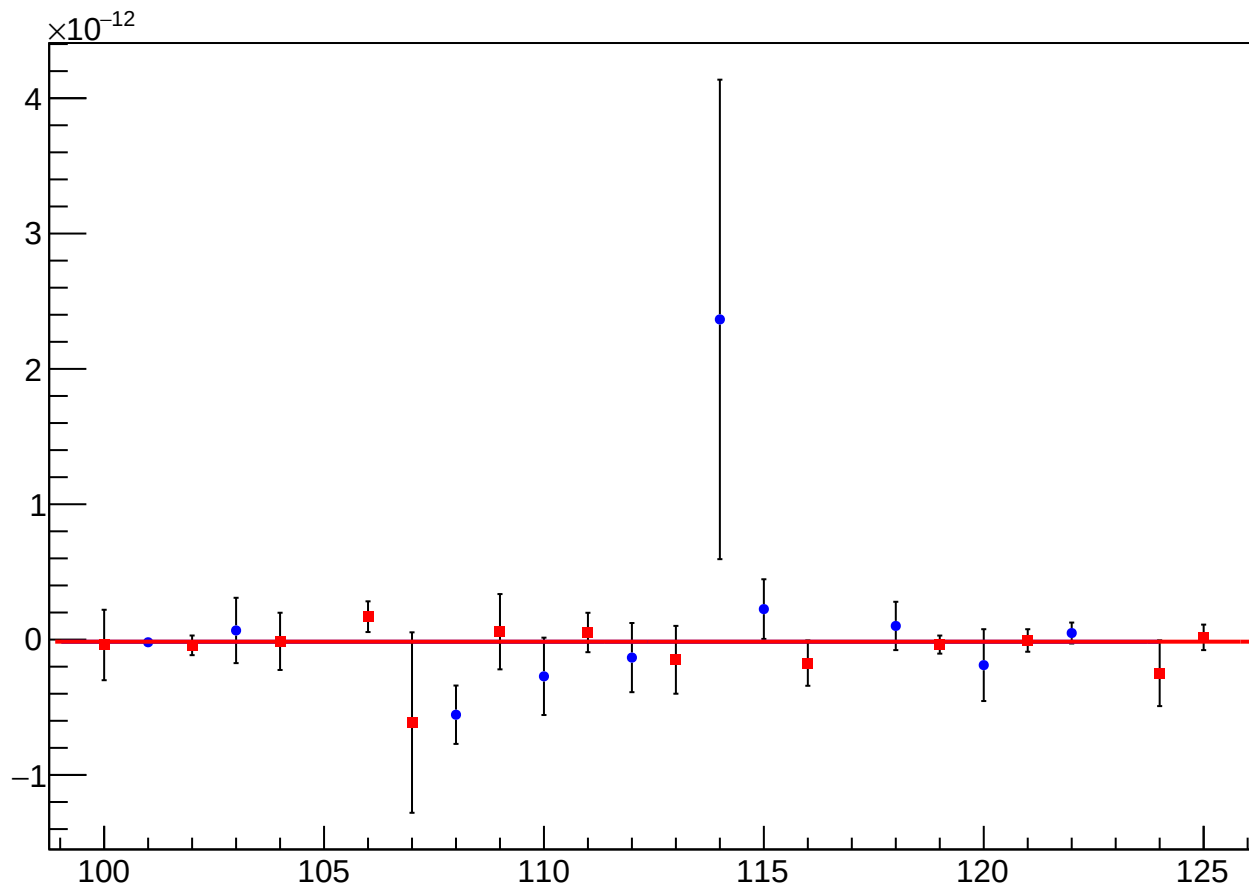
Right: 3208.985+/-0.783 χ^2/NDF : 1349157.6/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3208.985+/-0.783 χ^2/NDF : 1349157.6/22

asym_atl1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 11.9/9

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

Right Out: -0.000+/-0.000 χ^2 /NDF: 6.2/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

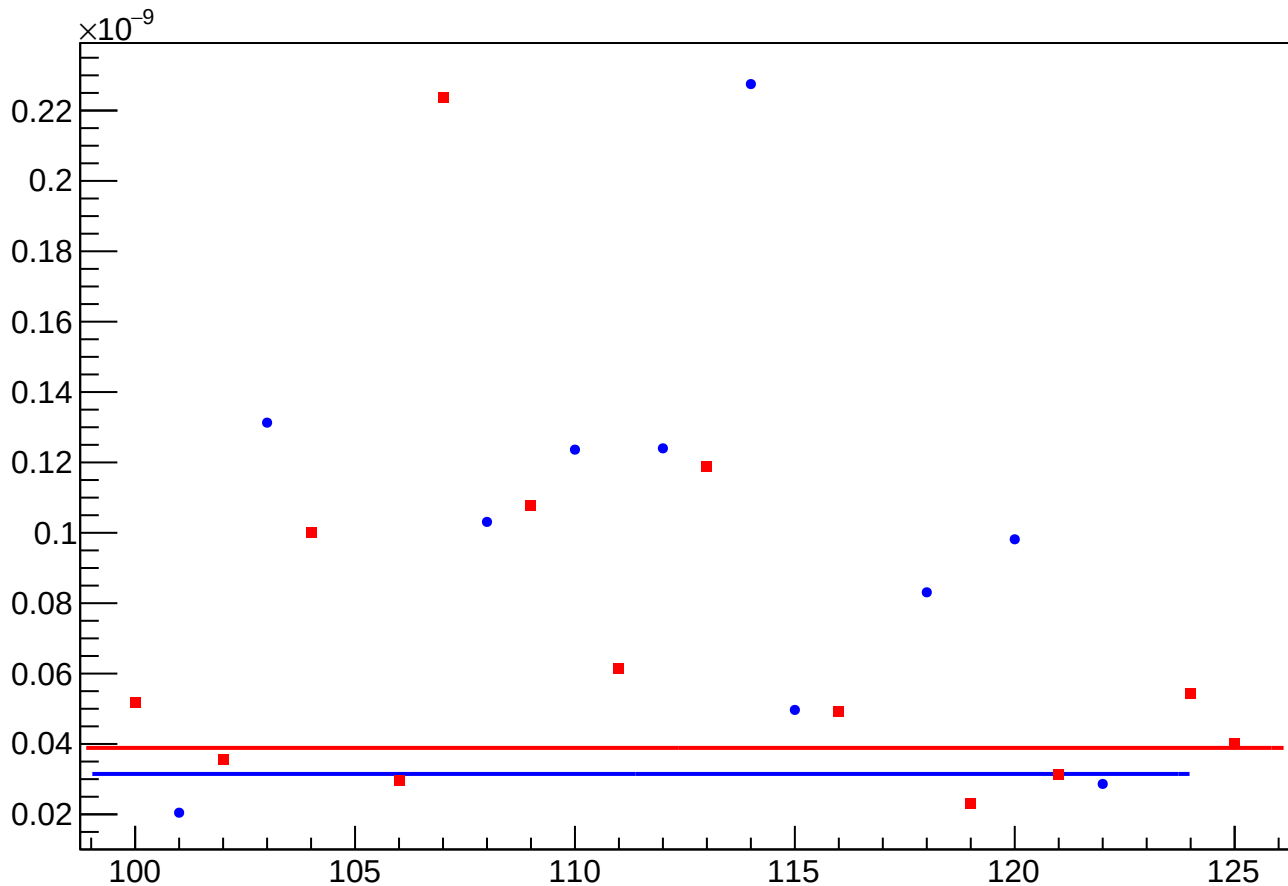
Right: -0.000+/-0.000 χ^2 /NDF: 18.2/22

In: -0.000+/-0.000 χ^2 /NDF:11.9/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 18.2/22

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 : 863020.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

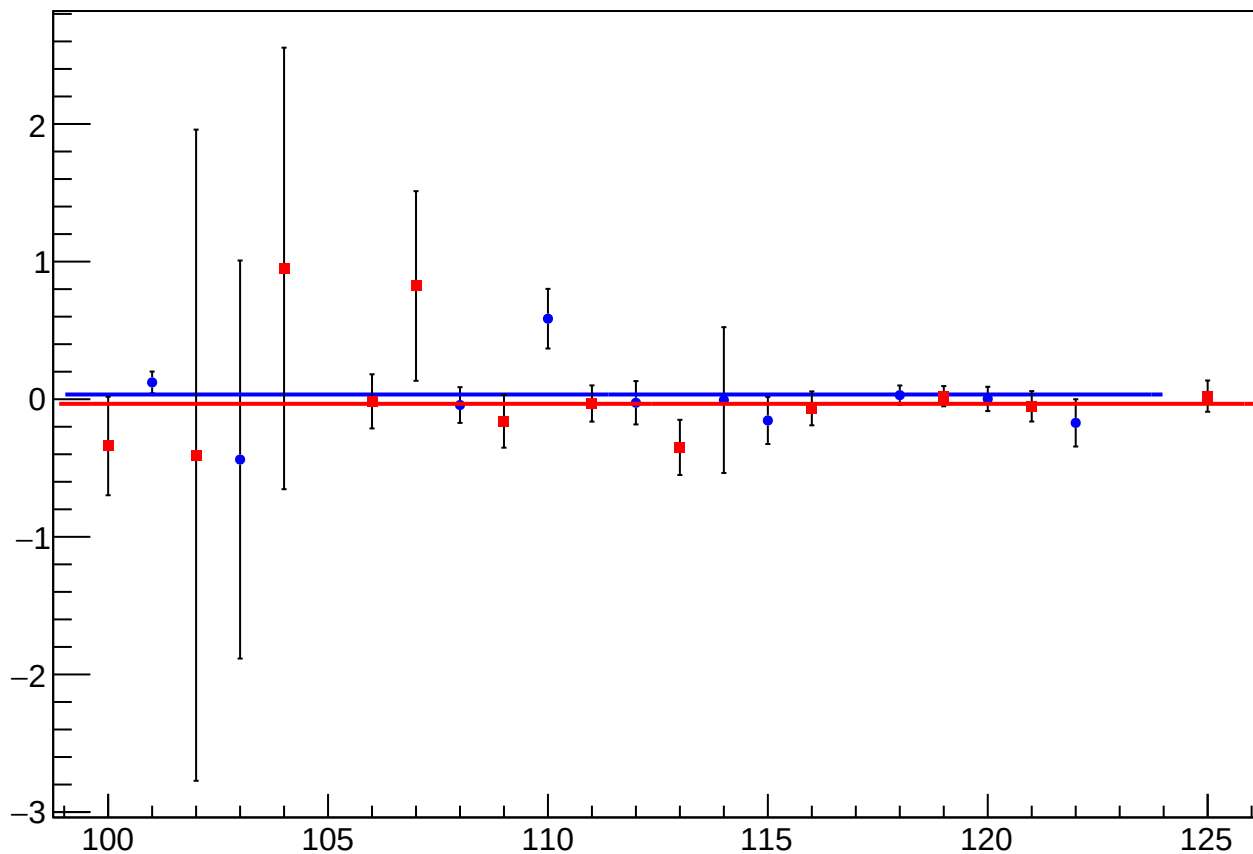
Right: 0.000+/-0.000 χ^2/NDF : 2467819.8/22

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 : 2467819.8/22

asym_atl1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.033 $\pm$ 0.042 χ^2 /NDF: 6.5/11

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

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

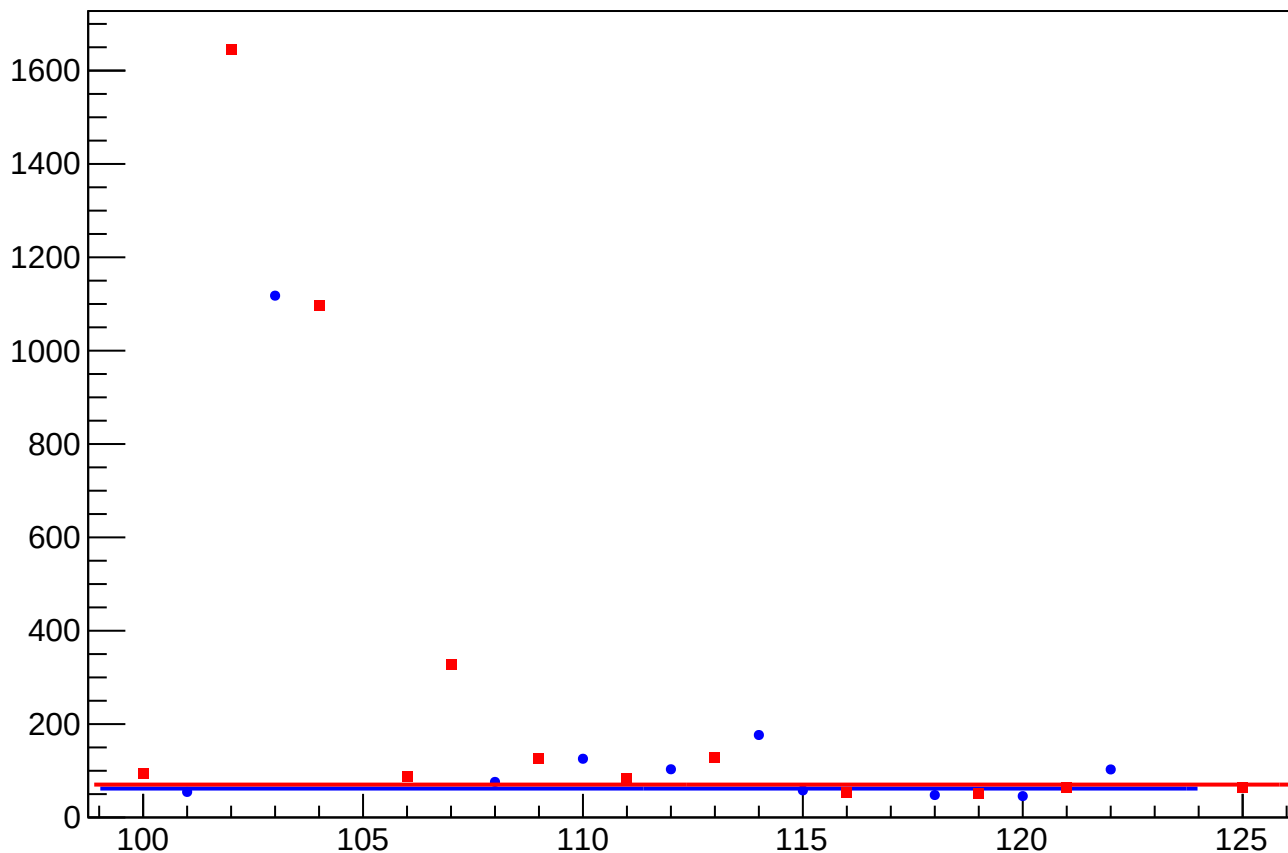
Right: 0.004 $\pm$ 0.028 χ^2 /NDF: 19.1/21

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: 0.004 $\pm$ 0.028 χ^2 /NDF: 19.1/21

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: 70.391+/-0.030 χ^2/NDF : 2541315.2/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

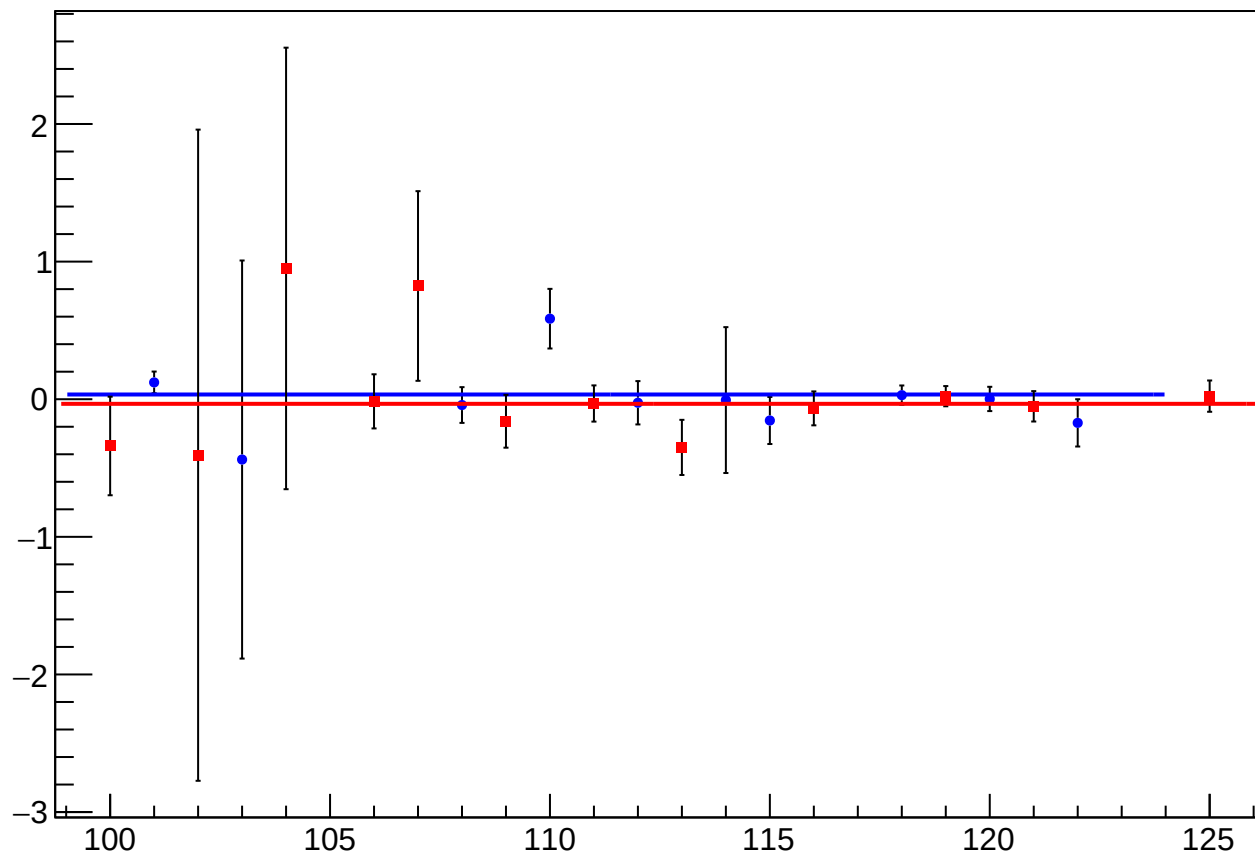
Right: 65.712+/-0.020 χ^2/NDF : 4356974.2/21

In: 61.908+/-0.027 χ^2/NDF : 1771449.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.712+/-0.020 χ^2/NDF : 4356974.2/21

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: -0.033+/-0.042 χ^2/NDF : 6.5/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

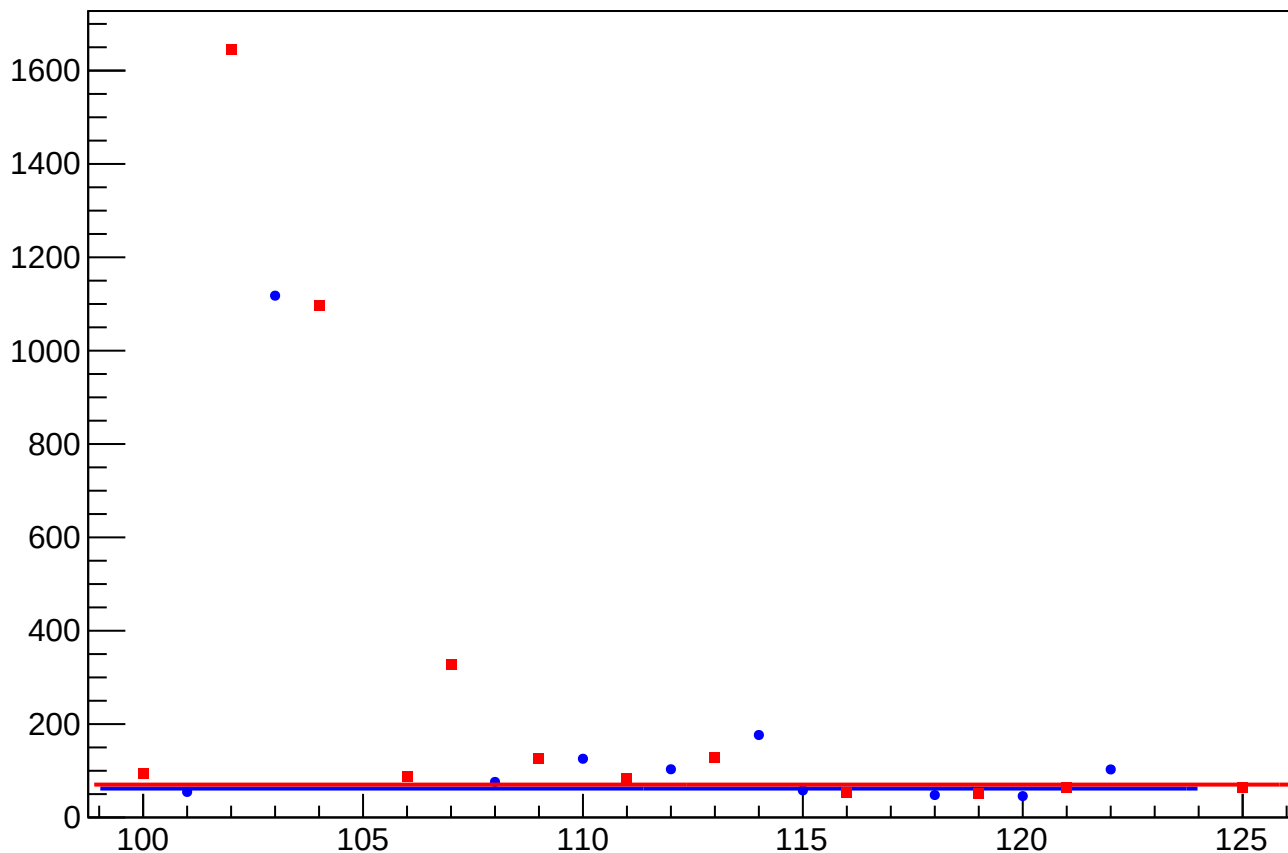
Right: 0.004+/-0.028 χ^2/NDF : 19.1/21

In: 0.034+/-0.038 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.028 χ^2/NDF : 19.1/21

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: 70.391+/-0.030 χ^2/NDF : 2541315.2/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

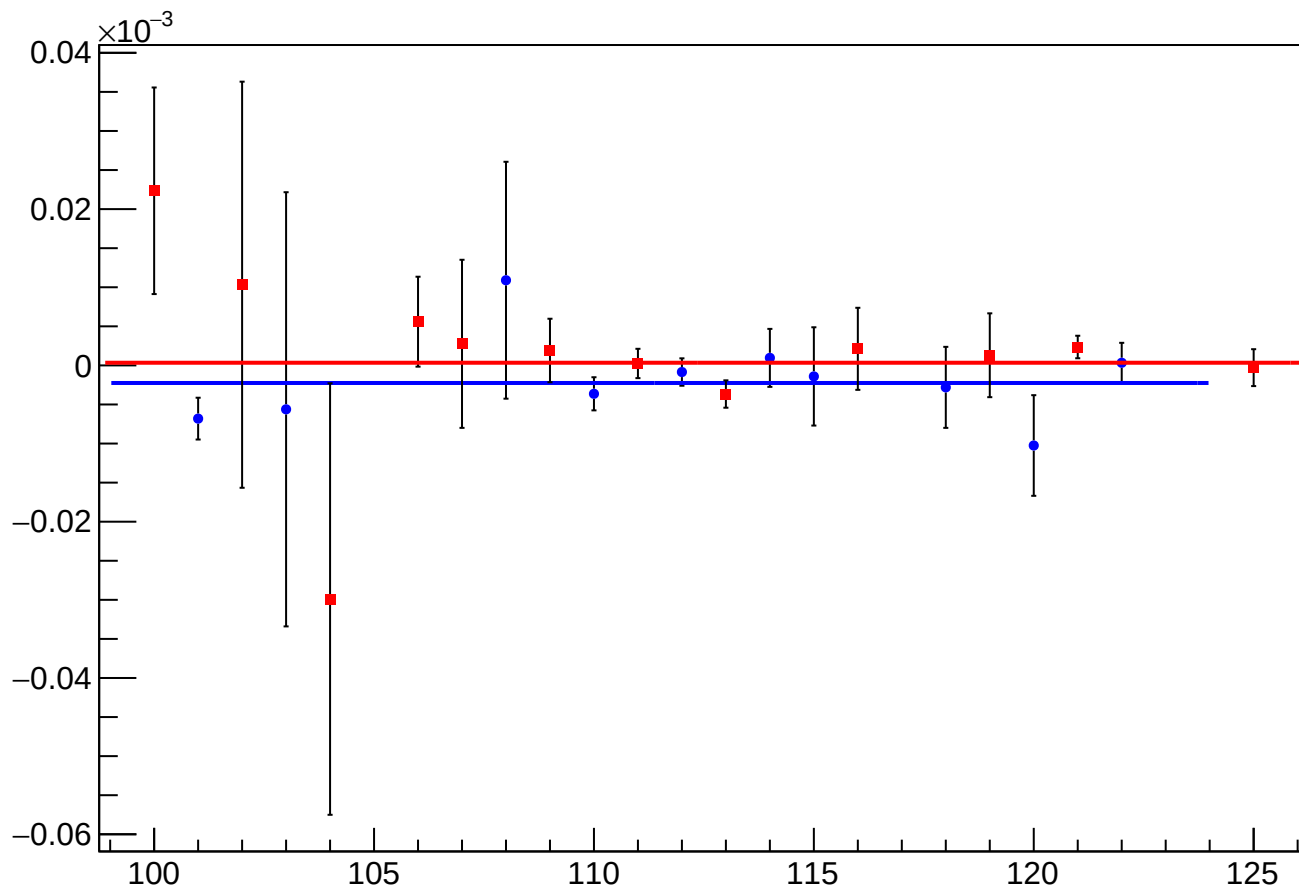
Right: 65.712+/-0.020 χ^2/NDF : 4356974.2/21

In: 61.908+/-0.027 χ^2/NDF : 1771449.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.712+/-0.020 χ^2/NDF : 4356974.2/21

asym_atl1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.1/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 12.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

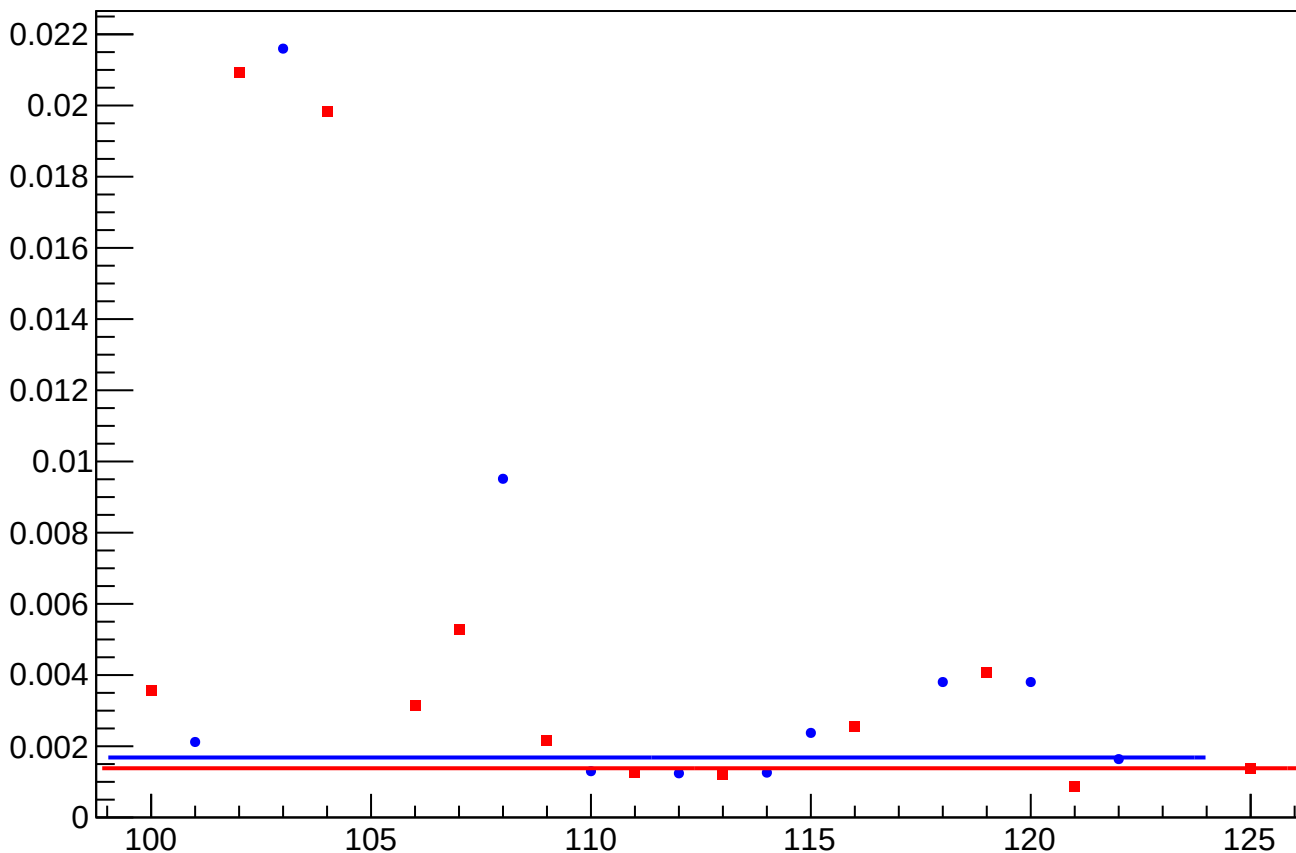
Right: -0.000+/-0.000 χ^2/NDF : 24.6/21

In: -0.000+/-0.000 χ^2/NDF :8.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.6/21

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 : 3475103.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

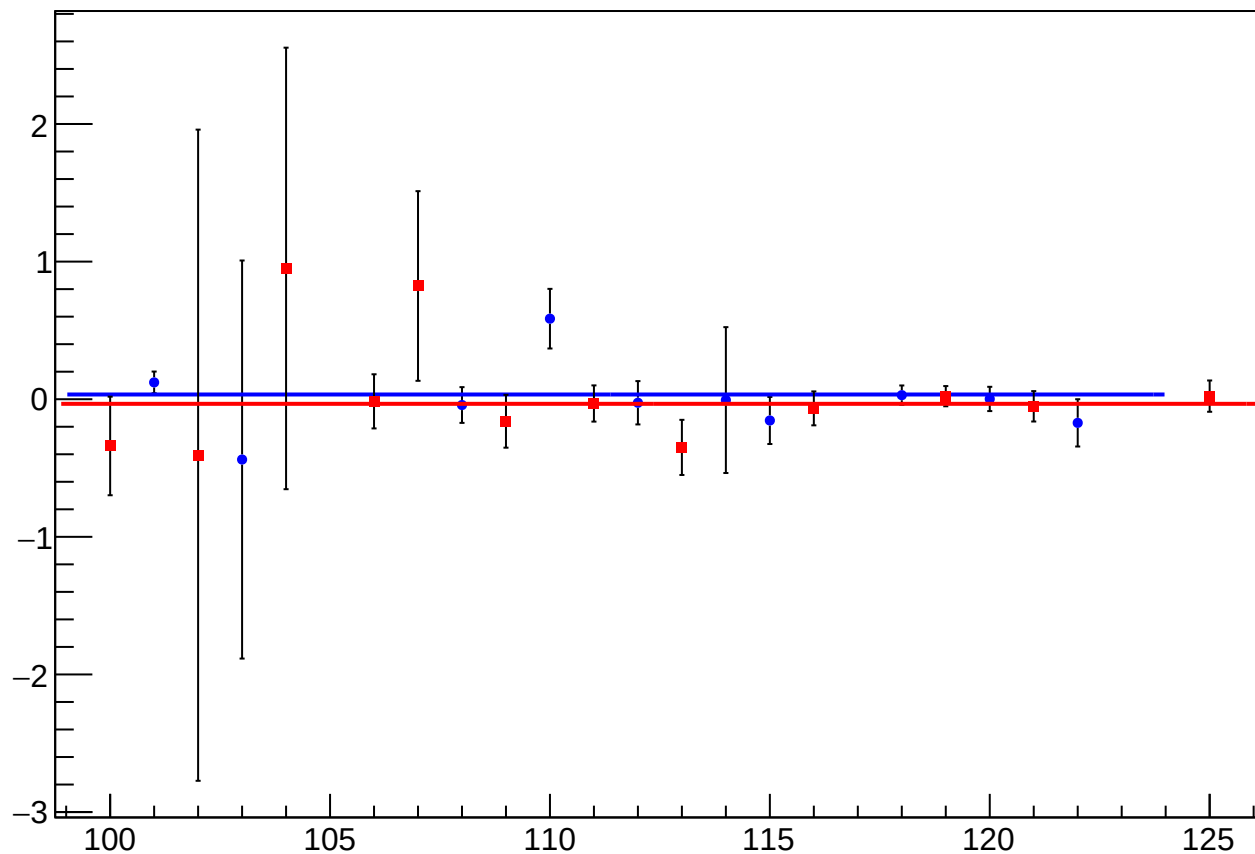
Right: 0.002+/-0.000 χ^2/NDF : 5994811.8/21

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 : 5994811.8/21

asym_atl1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.033 $\pm$ 0.042 χ^2 /NDF: 6.5/11

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

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

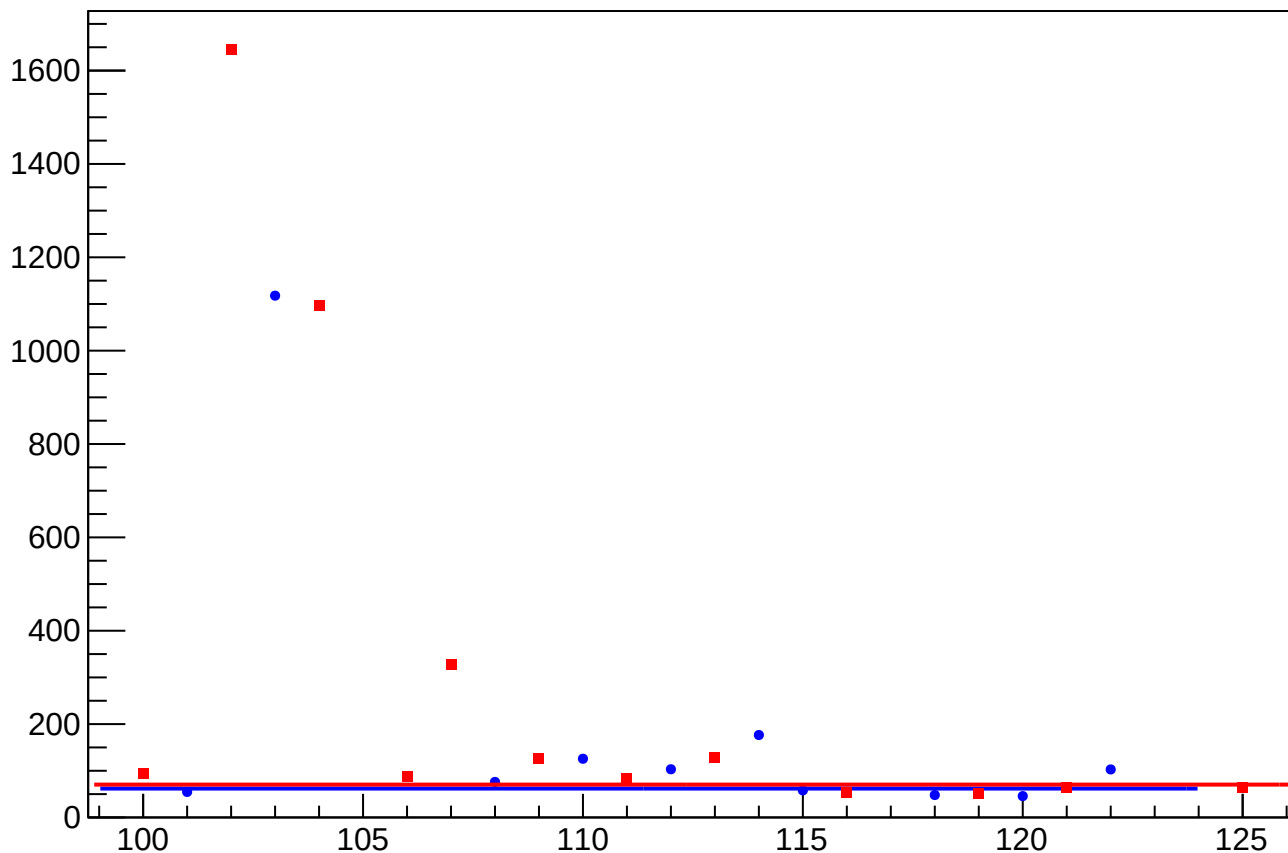
Right: 0.004 $\pm$ 0.028 χ^2 /NDF: 19.1/21

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: 0.004 $\pm$ 0.028 χ^2 /NDF: 19.1/21

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: 70.391+/-0.030 χ^2/NDF : 2541333.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

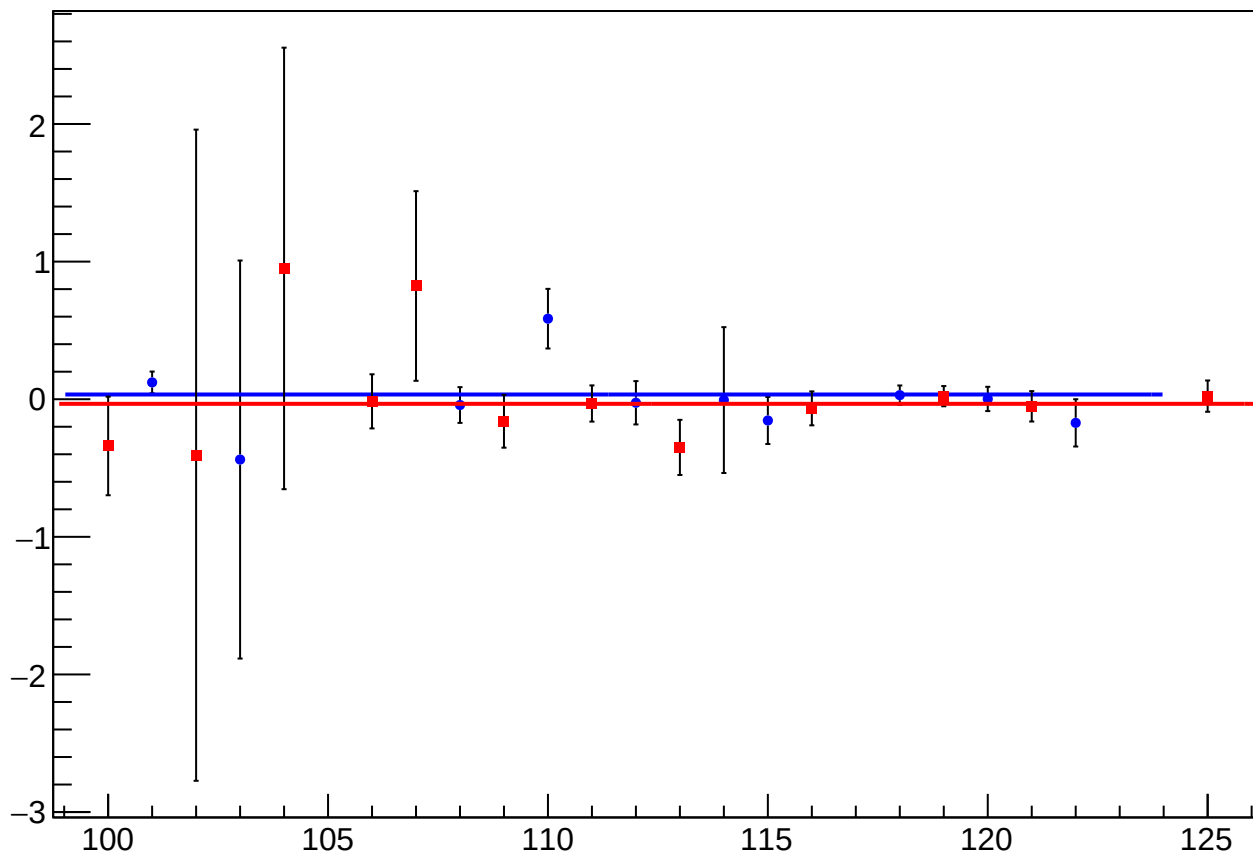
Right: 65.711+/-0.020 χ^2/NDF : 4357060.7/21

In: 61.907+/-0.027 χ^2/NDF : 1771511.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.711+/-0.020 χ^2/NDF : 4357060.7/21

asym_atl1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.034+/-0.038 χ^2/NDF : 11.1/9

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

Right Out: -0.033+/-0.042 χ^2/NDF : 6.5/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

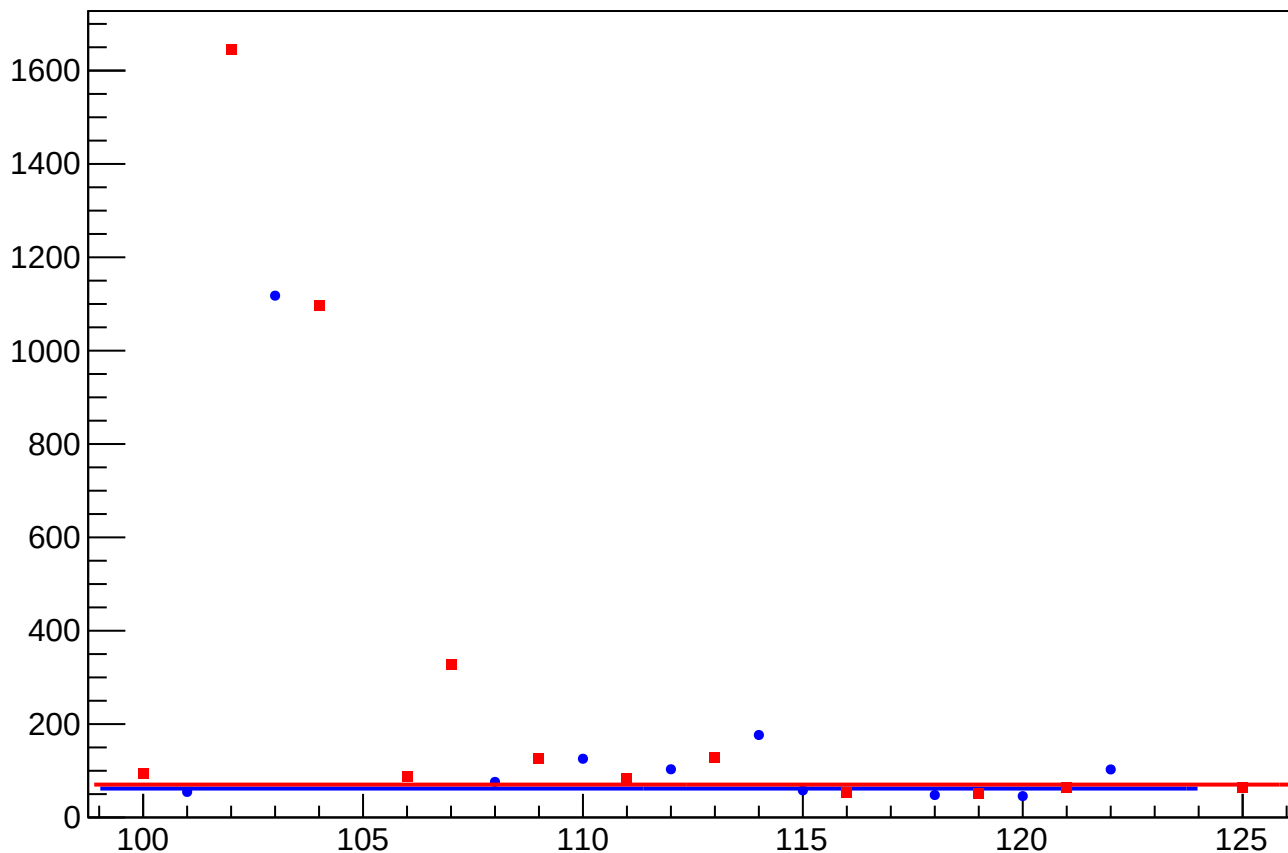
Right: 0.004+/-0.028 χ^2/NDF : 19.1/21

In: 0.034+/-0.038 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.028 χ^2/NDF : 19.1/21

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: 70.391+/-0.030 χ^2/NDF : 2541333.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

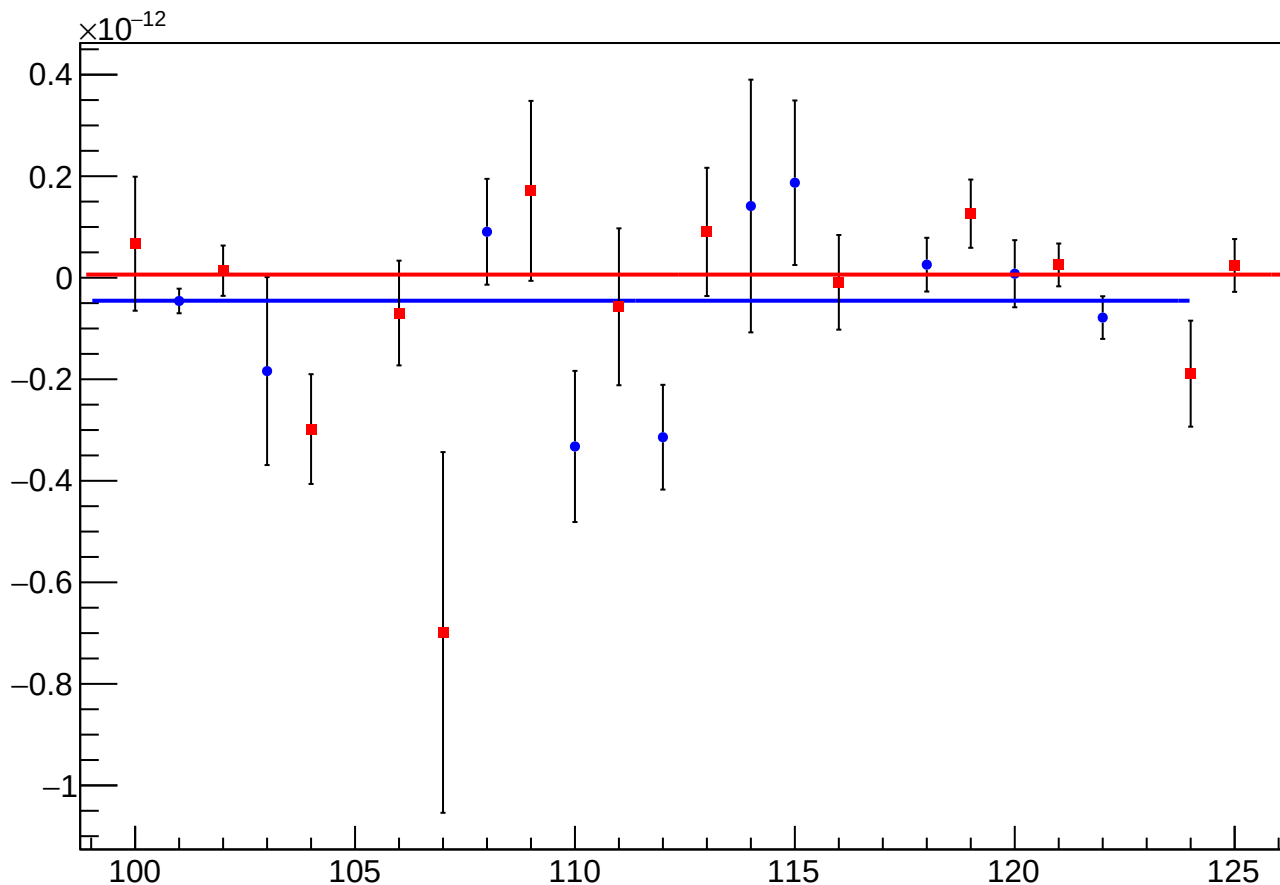
Right: 65.711+/-0.020 χ^2/NDF : 4357060.7/21

In: 61.907+/-0.027 χ^2/NDF : 1771511.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.711+/-0.020 χ^2/NDF : 4357060.7/21

asym_atl1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 18.5/9

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

Right Out: 0.000+/-0.000 χ^2 /NDF: 21.1/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

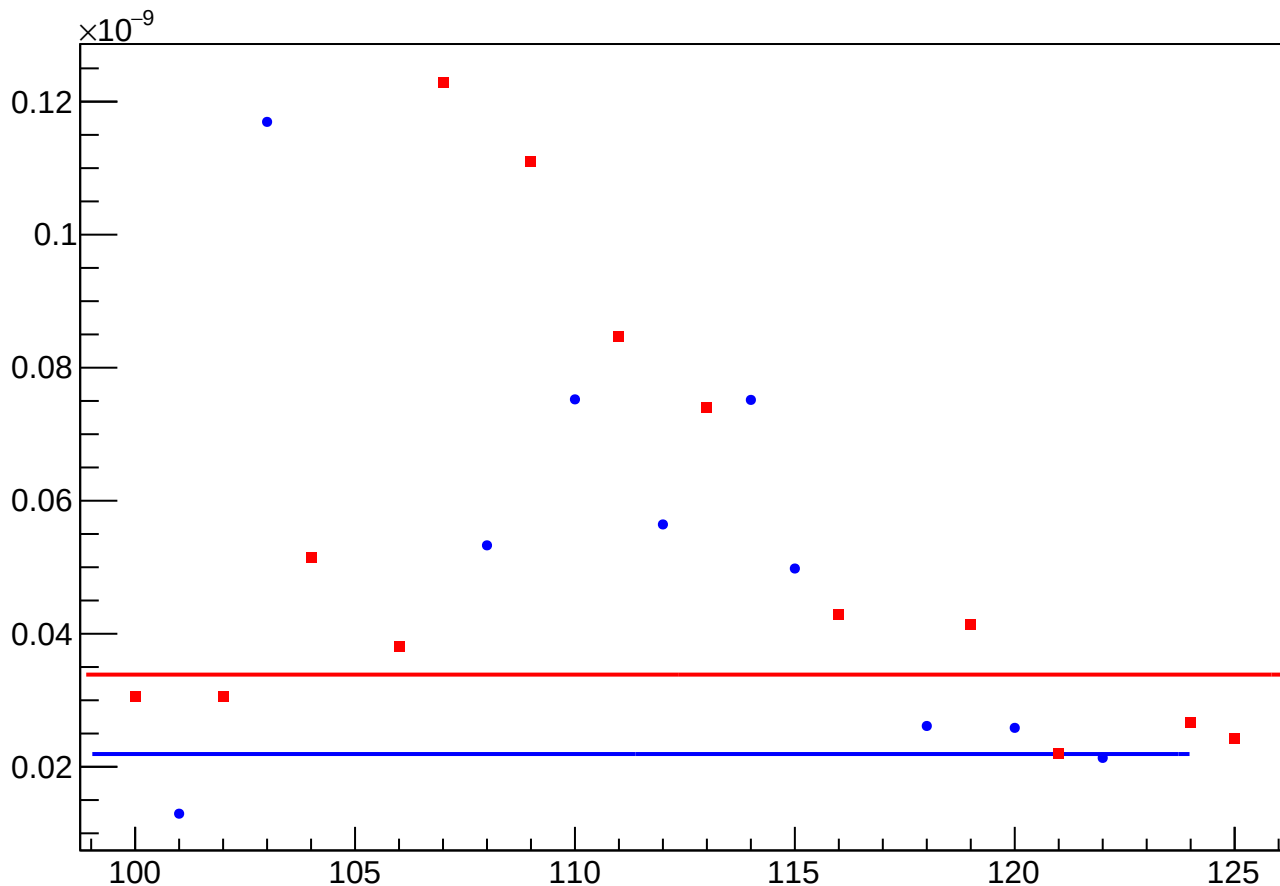
Right: -0.000+/-0.000 χ^2 /NDF: 43.0/22

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: 43.0/22

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 : 1270362.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

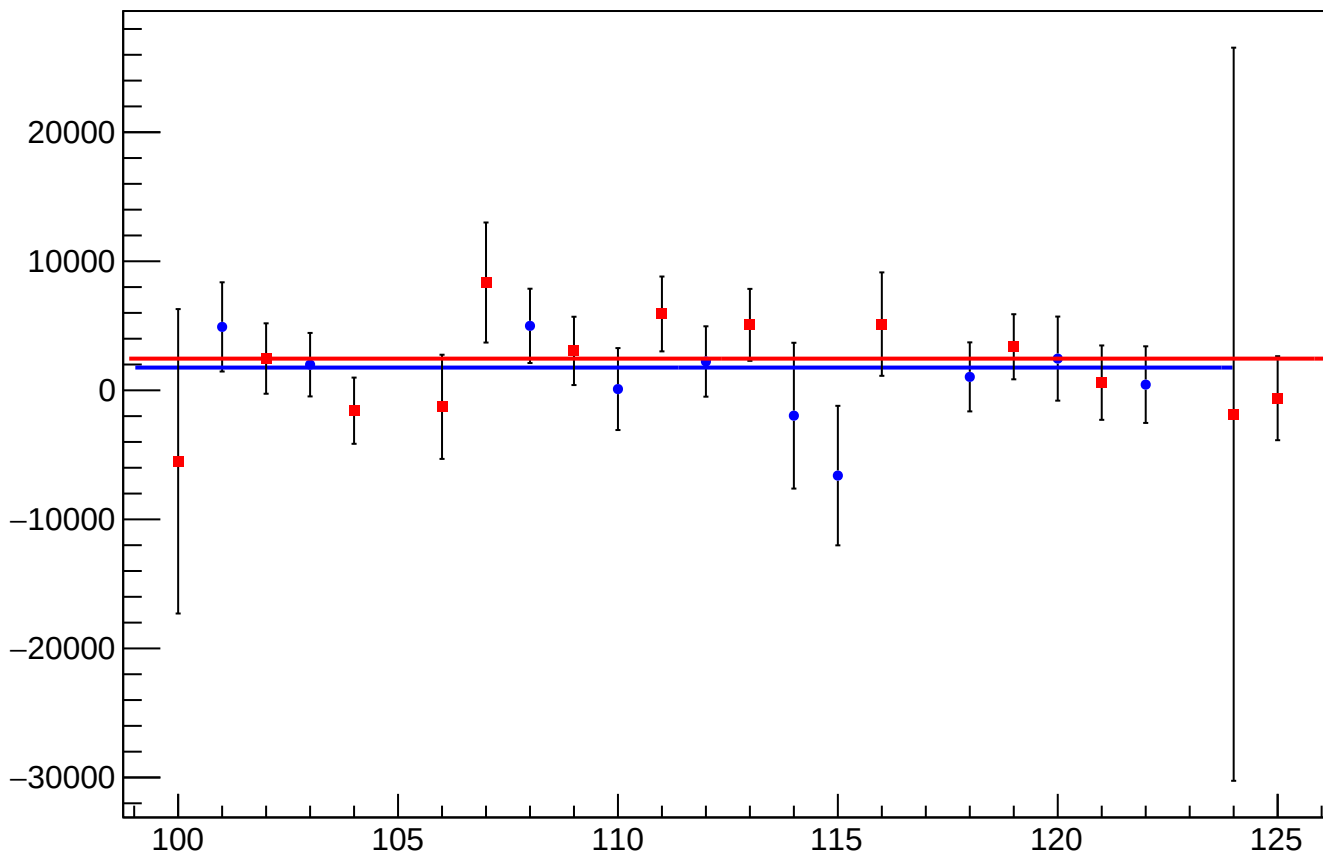
Right: 0.000+/-0.000 χ^2/NDF : 3270064.9/22

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 : 3270064.9/22

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: 2456.494+/-902.704 χ^2/NDF : 9.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

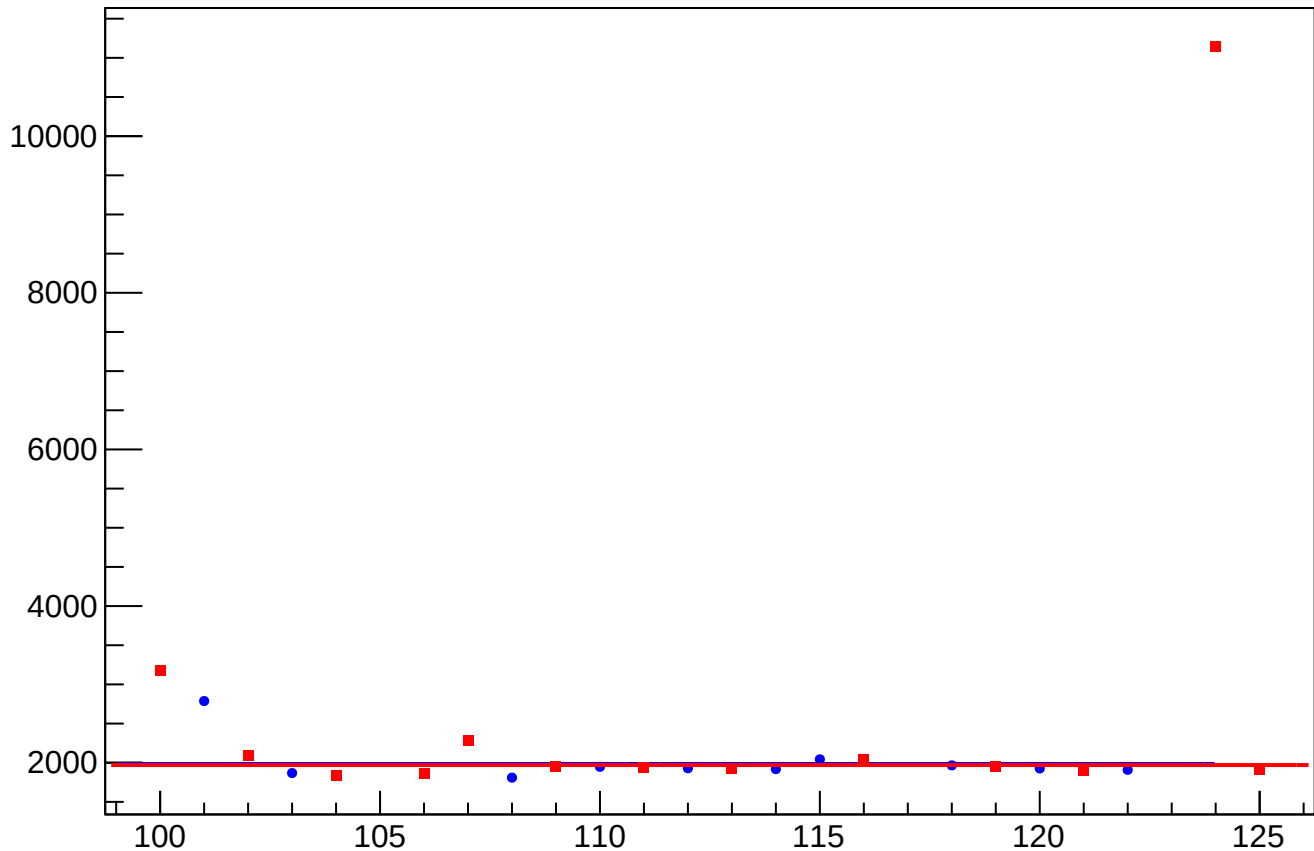
Right: 2142.600+/-667.627 χ^2/NDF : 15.5/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2142.600+/-667.627 χ^2/NDF : 15.5/22

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: 1970.223+/-0.638 χ^2/NDF : 253028.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

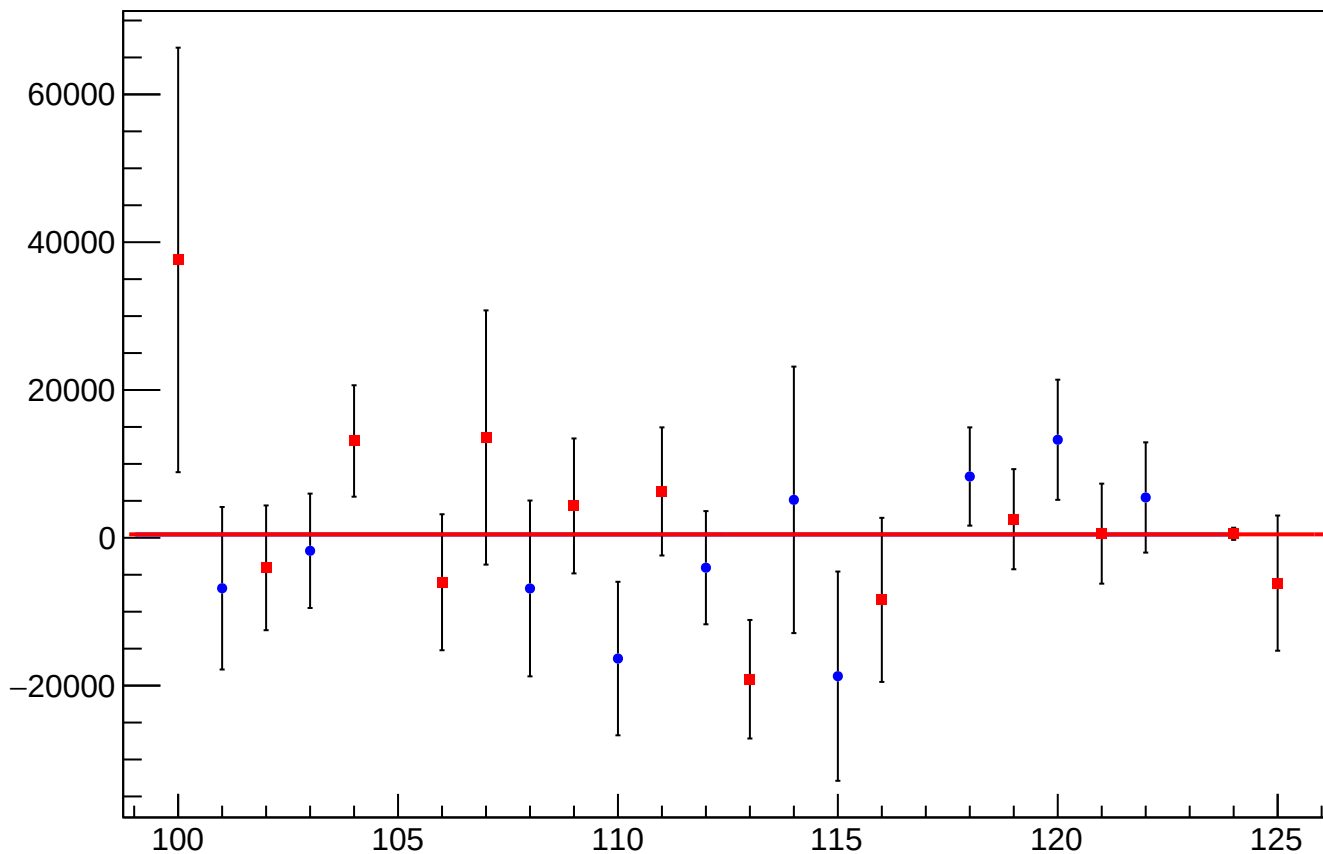
Right: 1976.390+/-0.472 χ^2/NDF : 376549.3/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1976.390+/-0.472 χ^2/NDF : 376549.3/22

asym_atl2_reg_correction_mean vs Slug, Sign Corrected



Right In: 443.660+/-2861.198 χ^2/NDF : 10.1/9

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

Right Out: 465.779+/-780.897 χ^2/NDF : 13.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

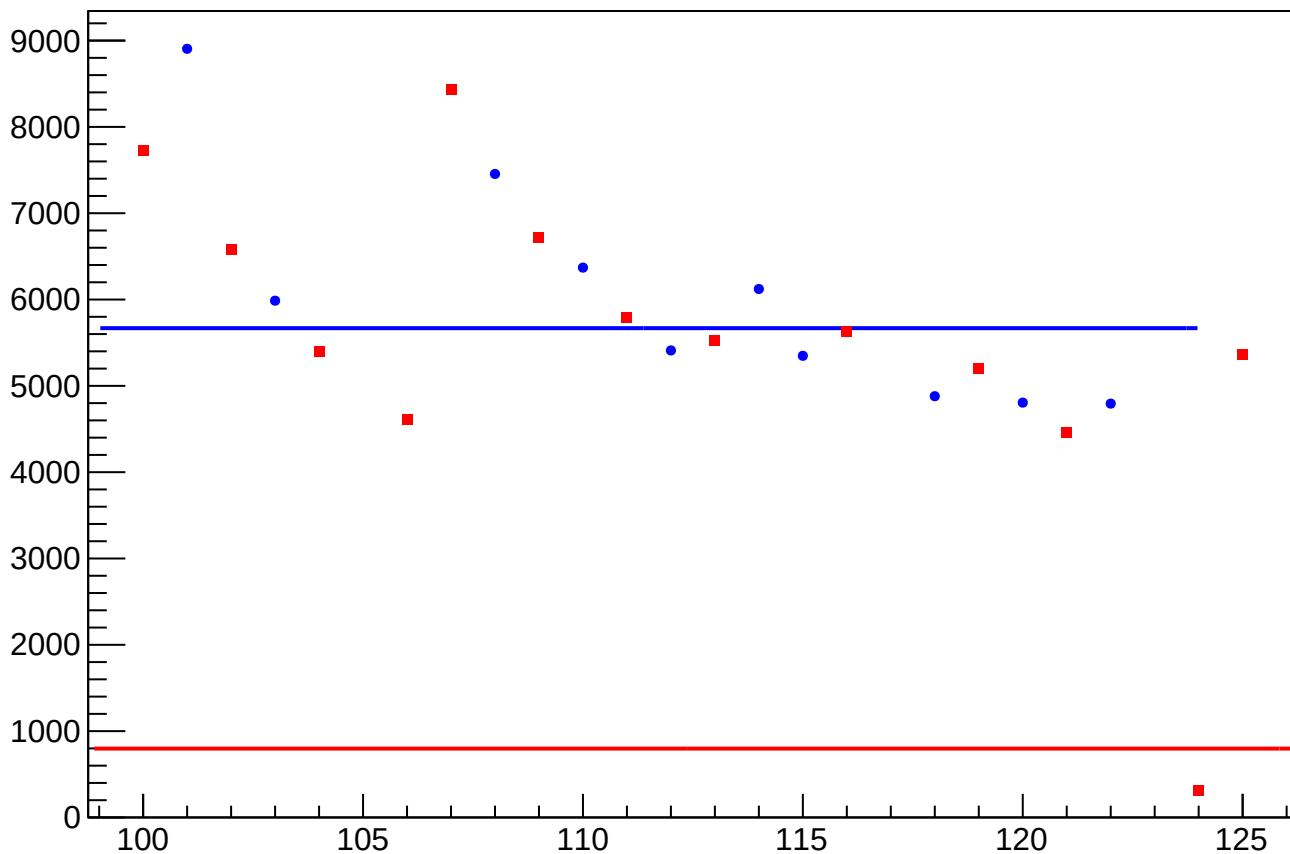
Right: 464.246+/-753.343 χ^2/NDF : 23.8/22

In: 443.660+/-2861.198 χ^2/NDF : 10.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 464.246+/-753.343 χ^2/NDF : 23.8/22

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: 797.838+/-0.552 χ^2/NDF : 7744785.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

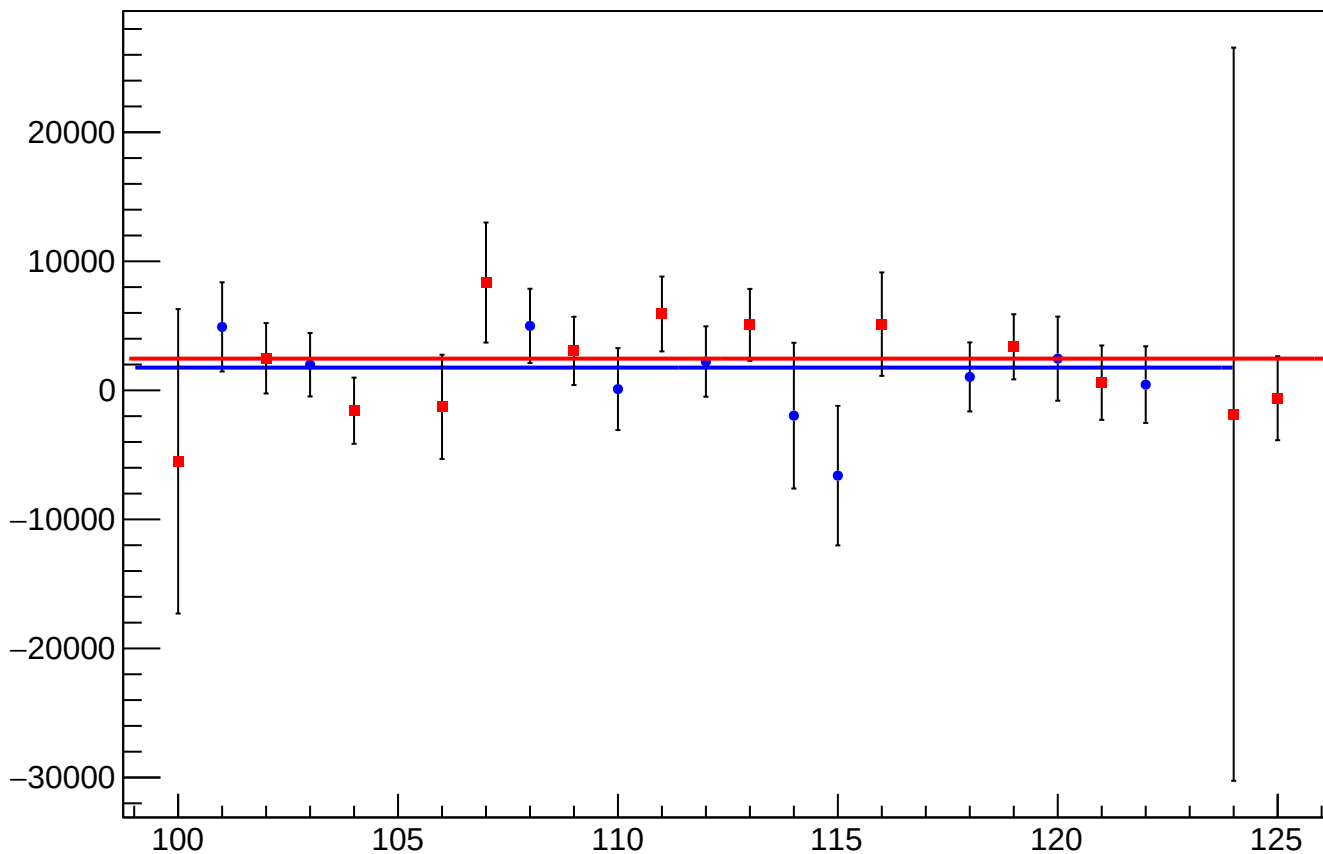
Right: 1135.498+/-0.533 χ^2/NDF : 13452346.7/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1135.498+/-0.533 χ^2/NDF : 13452346.7/22

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: 2459.093+/-902.717 χ^2/NDF : 9.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

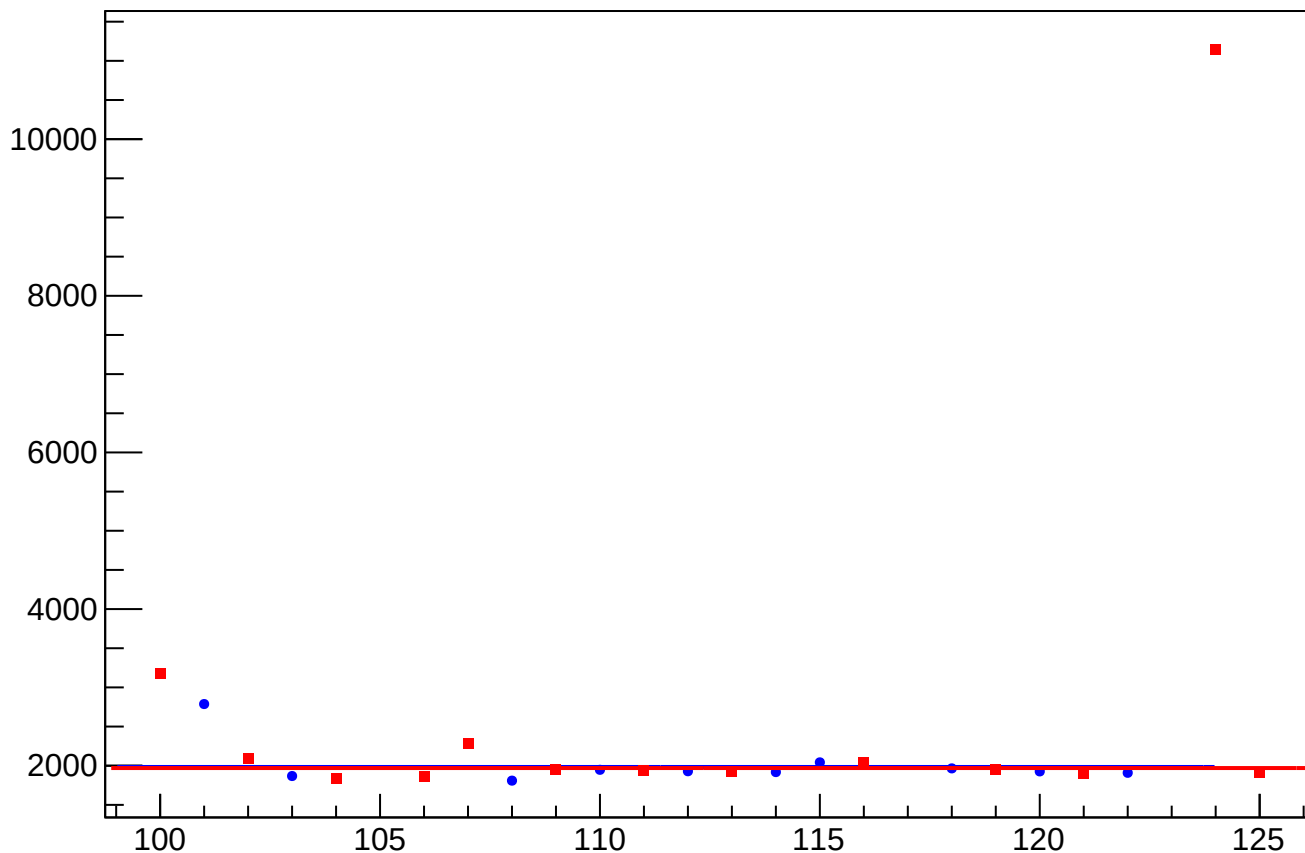
Right: 2144.152+/-667.632 χ^2/NDF : 15.5/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2144.152+/-667.632 χ^2/NDF : 15.5/22

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: 1970.252+/-0.638 χ^2/NDF : 253047.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

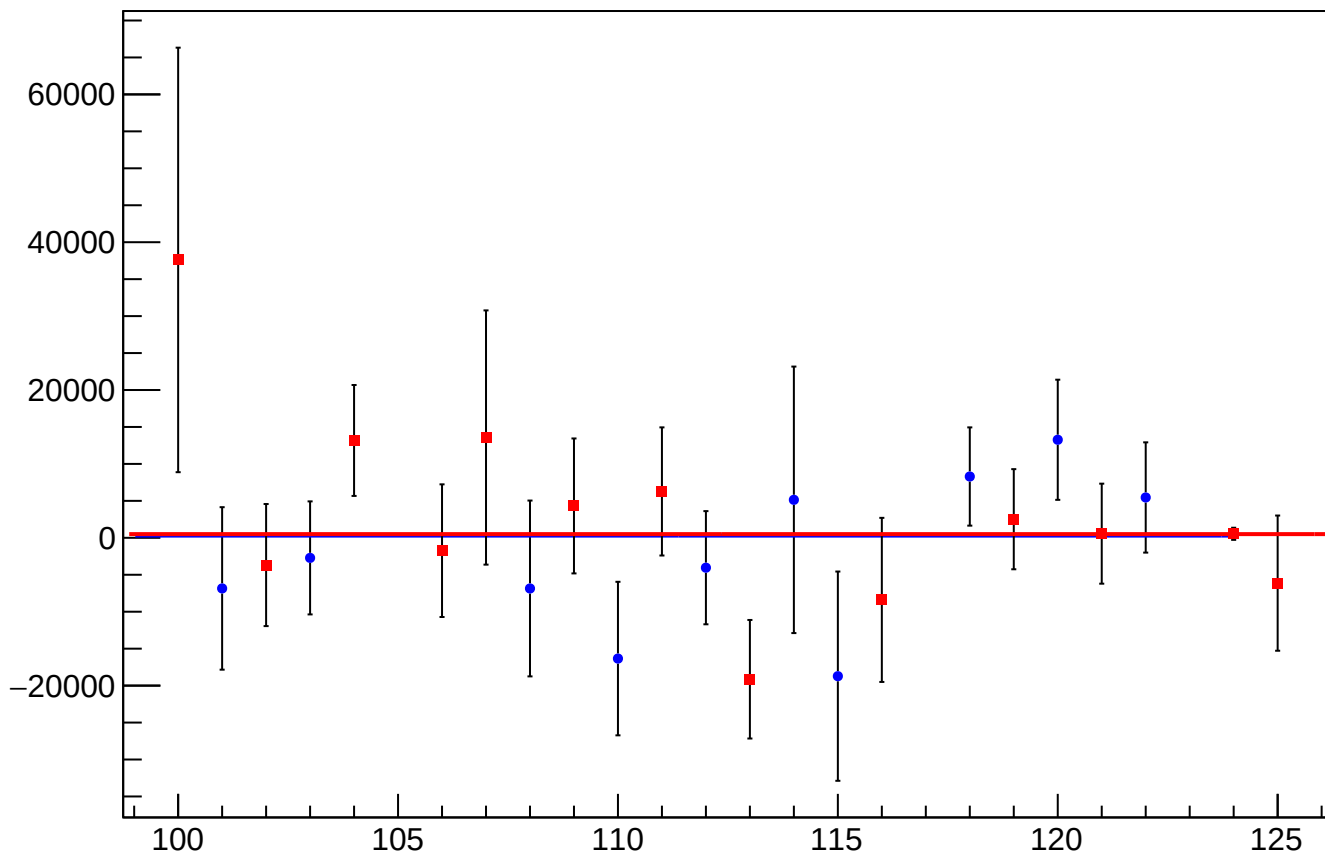
Right: 1976.406+/-0.472 χ^2/NDF : 376567.4/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1976.406+/-0.472 χ^2/NDF : 376567.4/22

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: 500.218+/-780.541 χ^2/NDF : 13.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

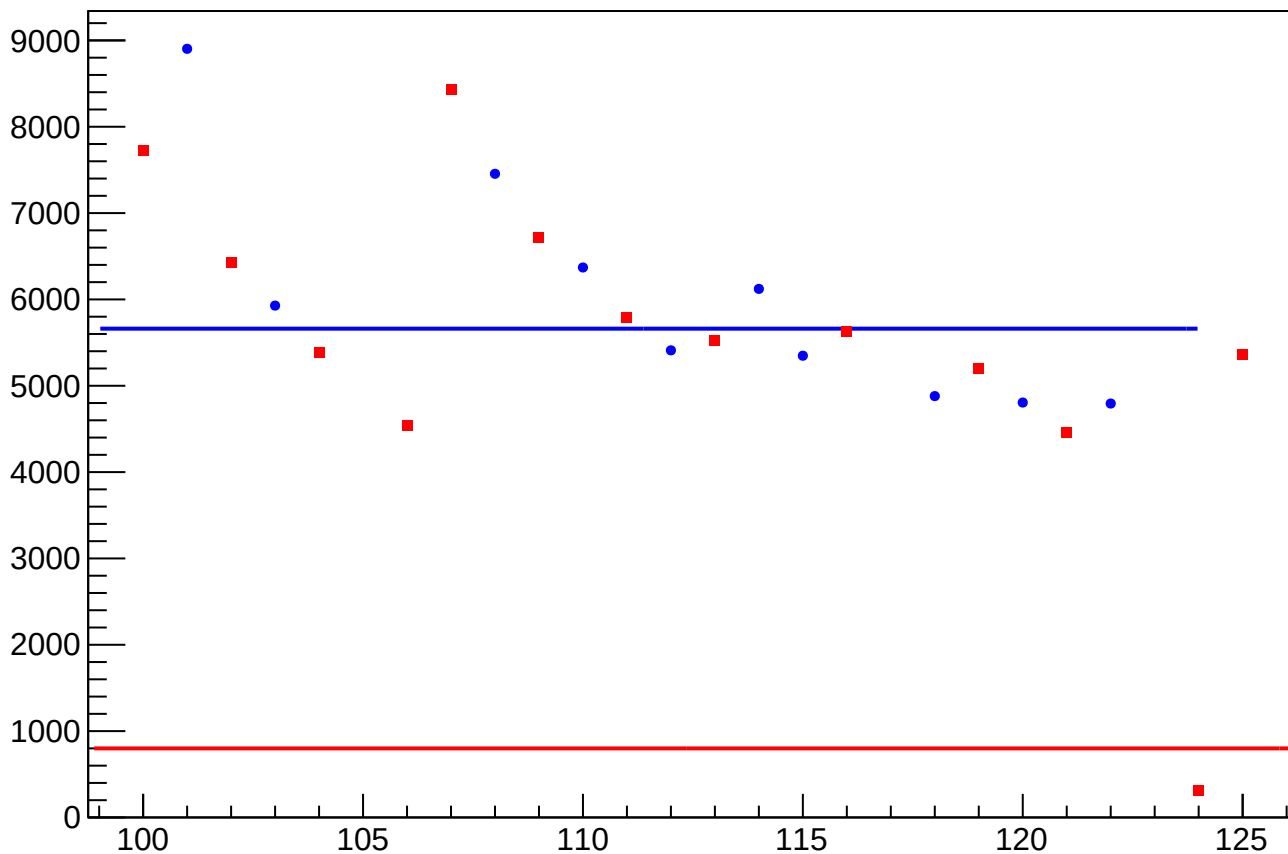
Right: 486.417+/-752.938 χ^2/NDF : 23.5/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 486.417+/-752.938 χ^2/NDF : 23.5/22

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: 799.793+/-0.552 χ^2/NDF : 7743213.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

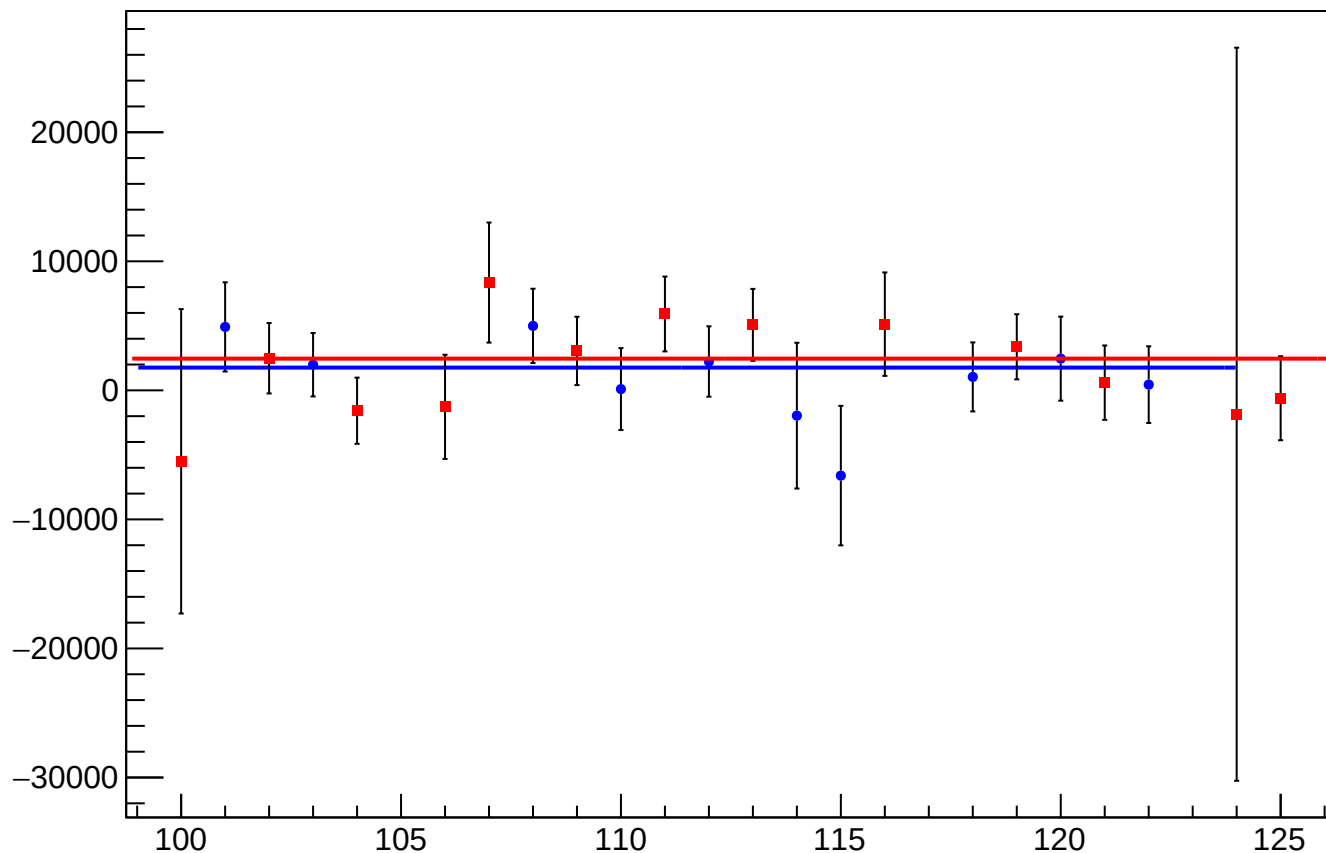
Right: 1137.555+/-0.532 χ^2/NDF : 13445965.3/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1137.555+/-0.532 χ^2/NDF : 13445965.3/22

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: 2459.093+/-902.717 χ^2/NDF : 9.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

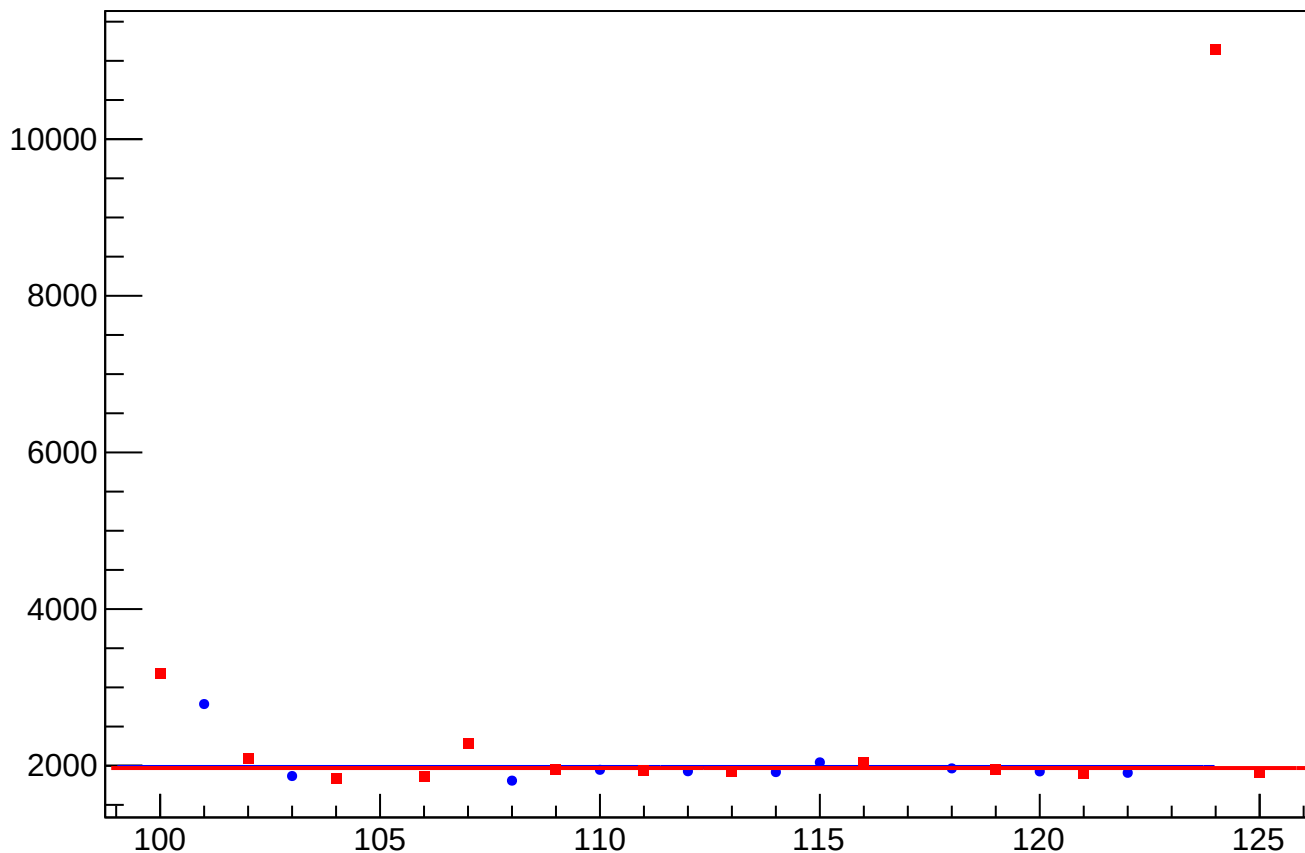
Right: 2144.152+/-667.632 χ^2/NDF : 15.5/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2144.152+/-667.632 χ^2/NDF : 15.5/22

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: 1970.252+/-0.638 χ^2/NDF : 253047.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

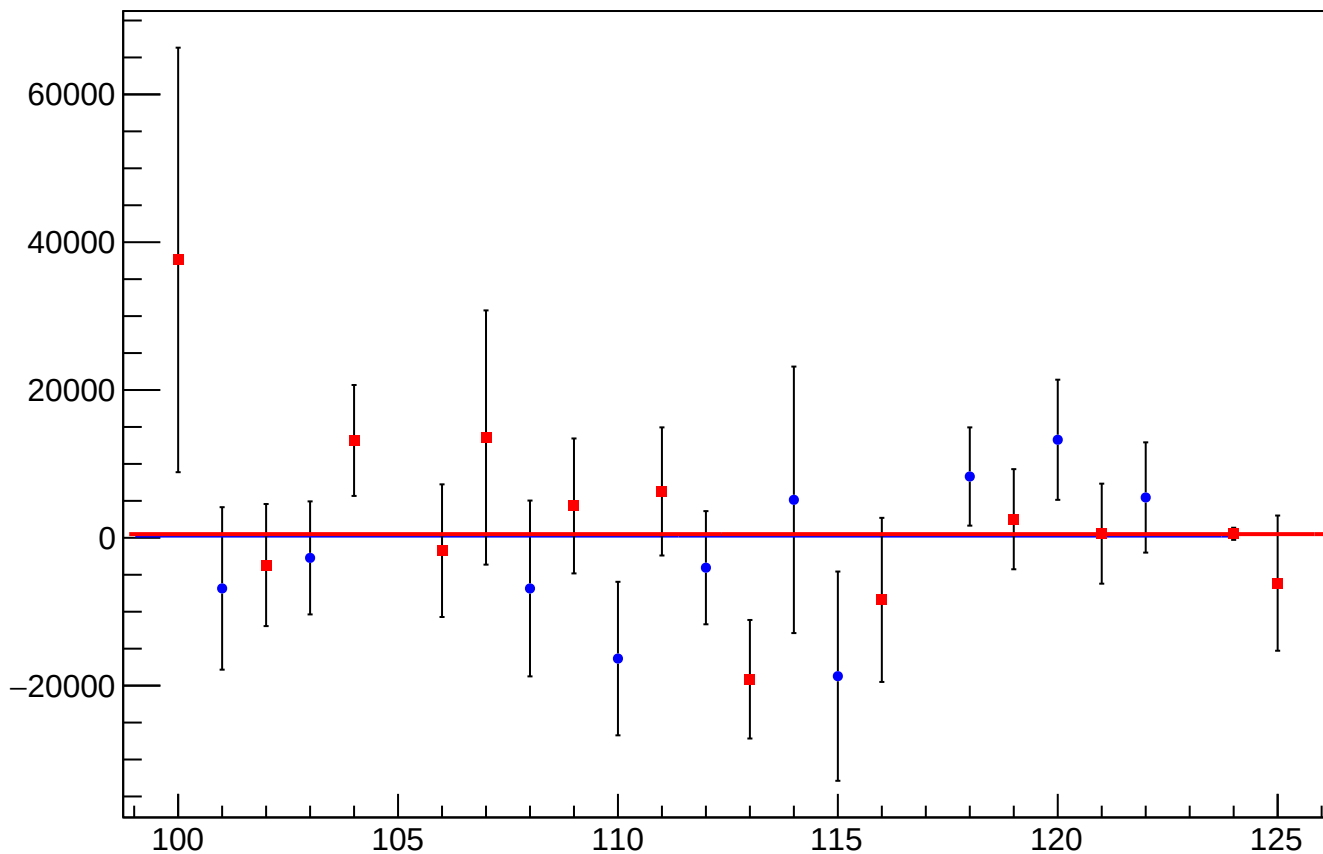
Right: 1976.406+/-0.472 χ^2/NDF : 376567.4/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1976.406+/-0.472 χ^2/NDF : 376567.4/22

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: 500.218+/-780.541 χ^2/NDF : 13.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

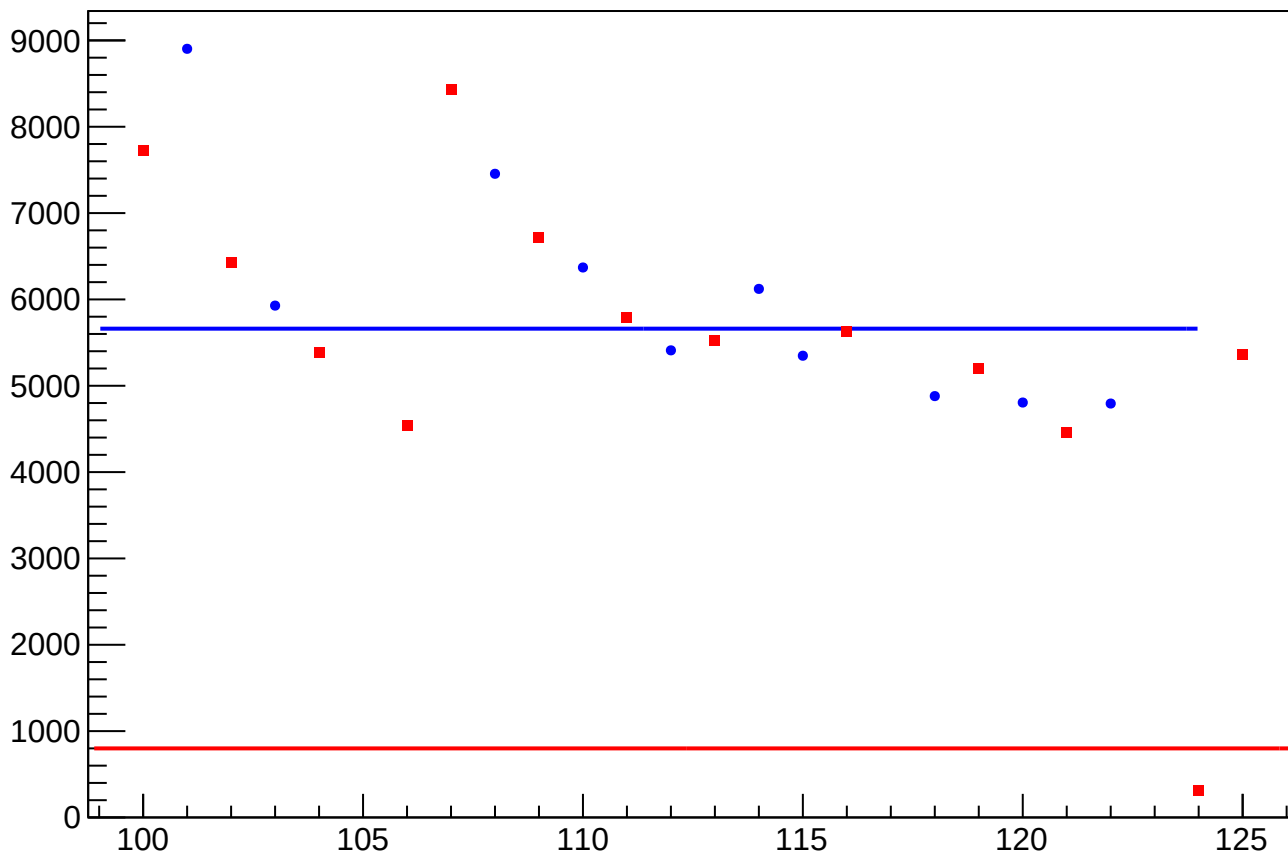
Right: 486.417+/-752.938 χ^2/NDF : 23.5/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 486.417+/-752.938 χ^2/NDF : 23.5/22

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: 799.793+/-0.552 χ^2/NDF : 7743213.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

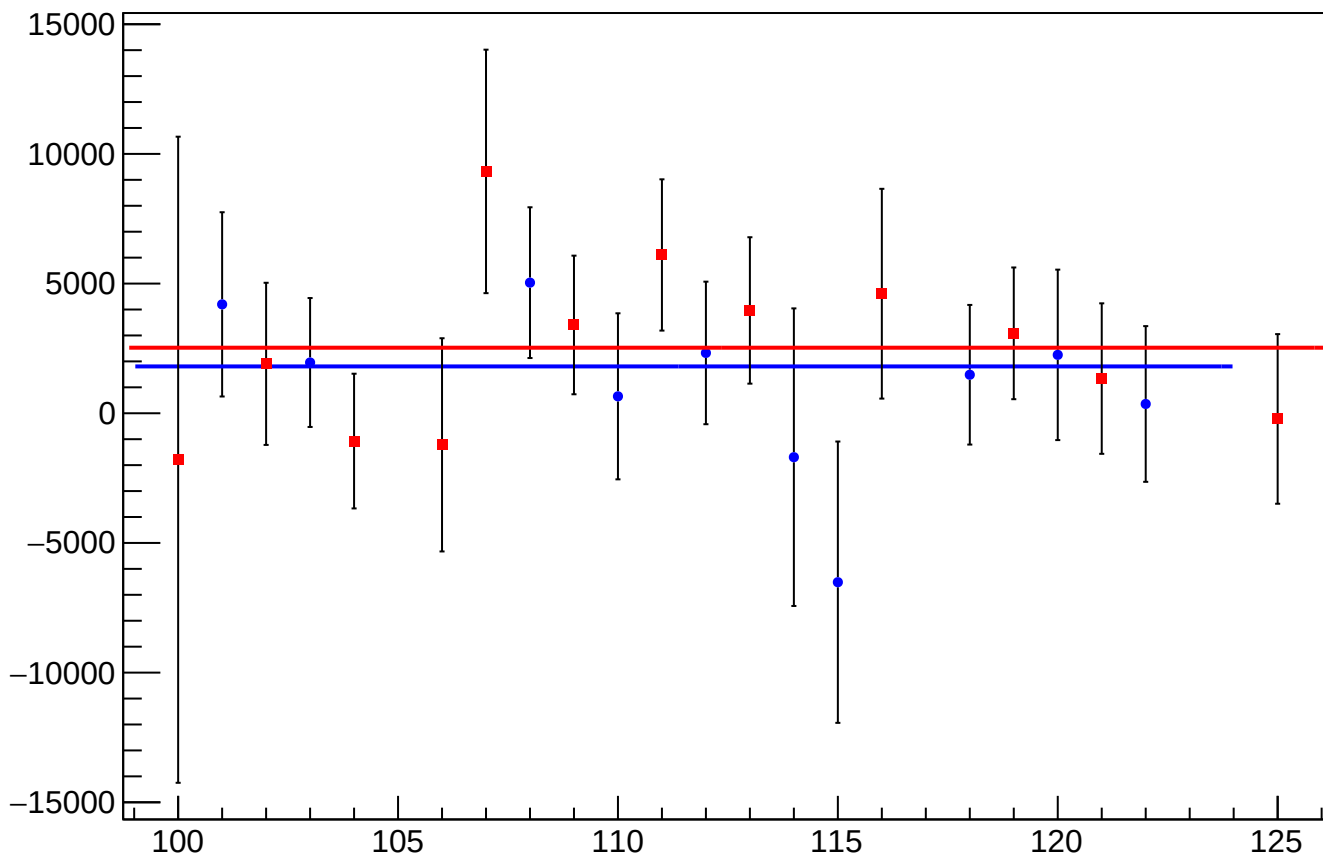
Right: 1137.555+/-0.532 χ^2/NDF : 13445965.3/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1137.555+/-0.532 χ^2/NDF : 13445965.3/22

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: 2527.652+/-923.198 χ^2 /NDF: 8.1/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

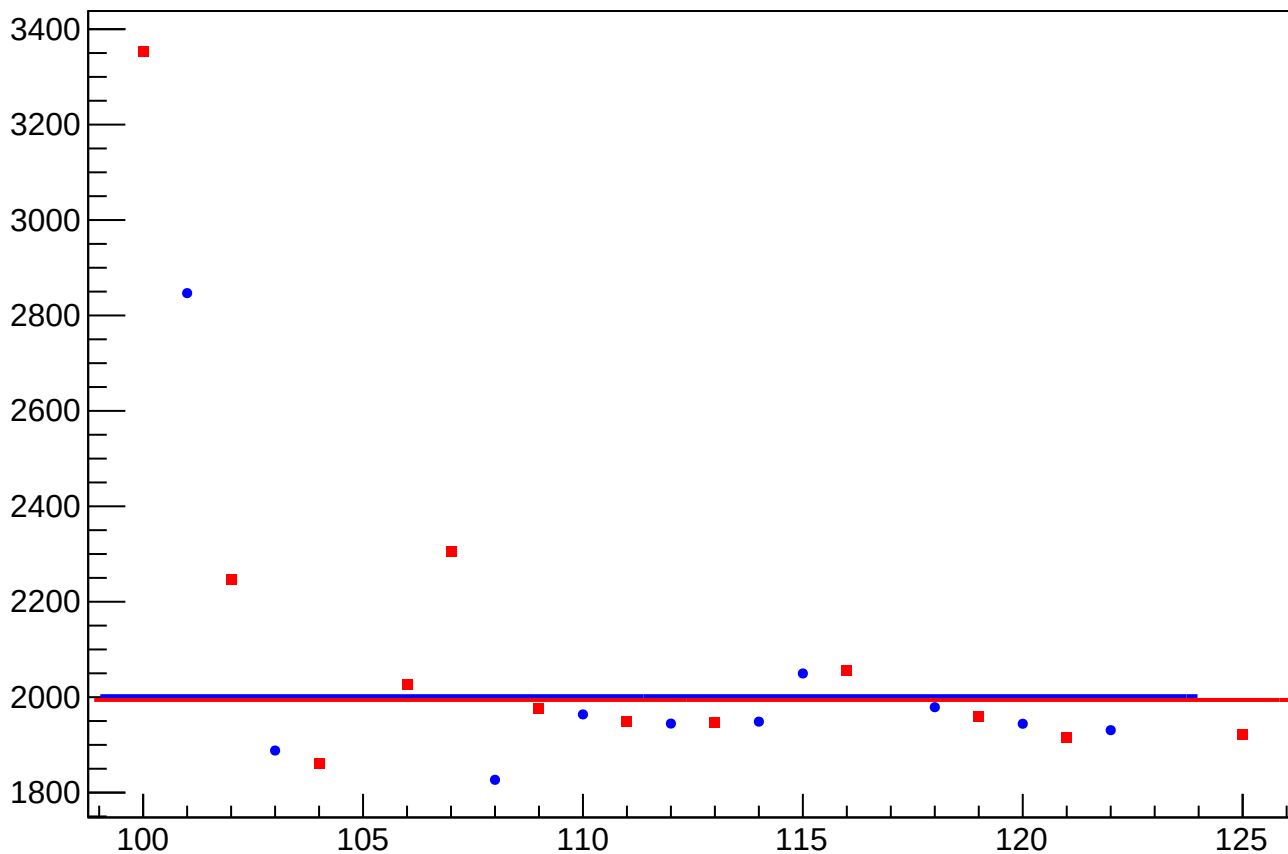
Right: 2196.391+/-679.045 χ^2 /NDF: 13.2/21

In: 1805.932+/-1002.300 χ^2 /NDF:4.8/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2196.391+/-679.045 χ^2 /NDF: 13.2/21

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2002.045+/-0.709 χ^2/NDF : 127952.1/9

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

Right Out: 1994.173+/-0.651 χ^2/NDF : 55441.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

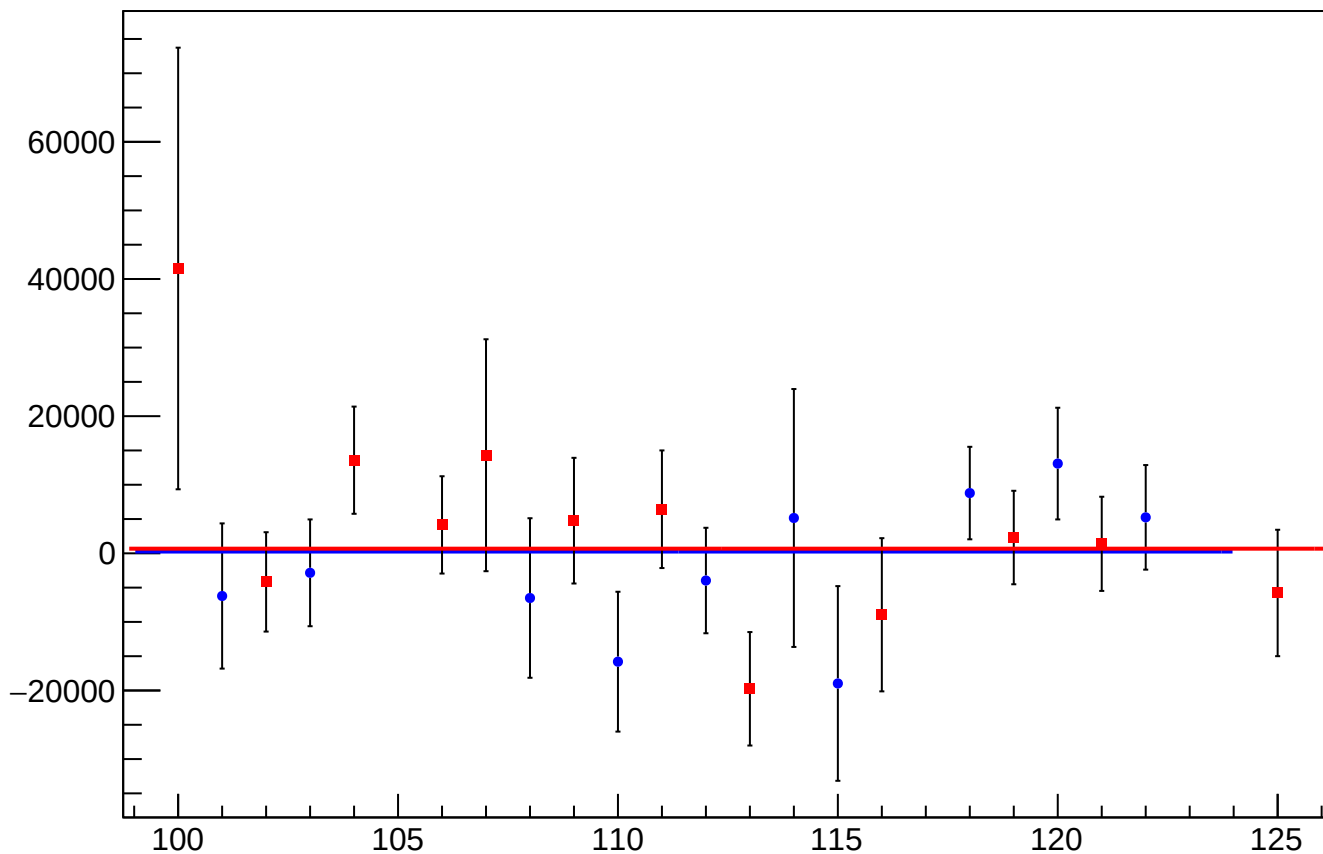
Right: 1997.778+/-0.480 χ^2/NDF : 183460.8/21

In: 2002.045+/-0.709 χ^2/NDF : 127952.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1997.778+/-0.480 χ^2/NDF : 183460.8/21

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: 678.162+/-2481.382 χ^2/NDF : 13.7/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

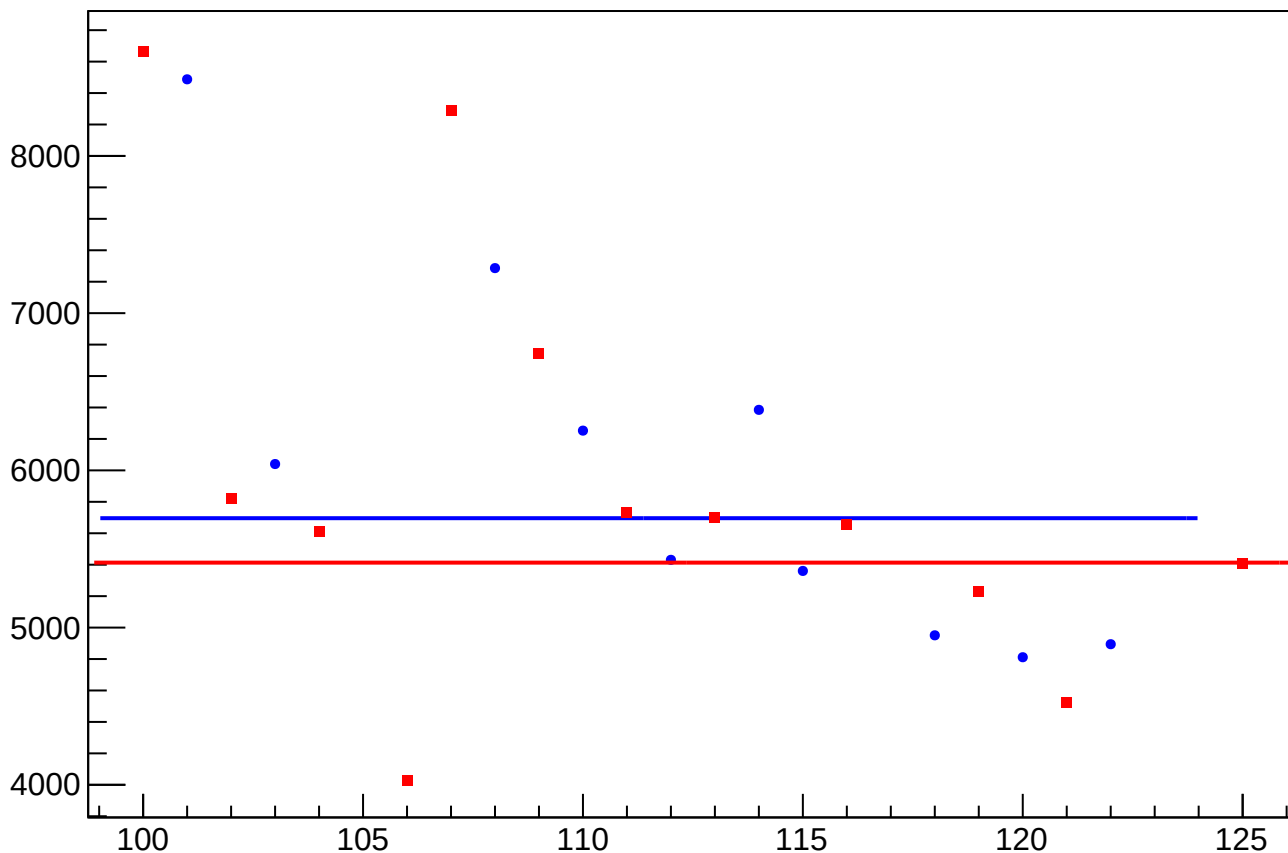
Right: 499.605+/-1877.128 χ^2/NDF : 23.8/21

In: 260.710+/-2870.179 χ^2/NDF : 10.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 499.605+/-1877.128 χ^2/NDF : 23.8/21

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: 5413.223+/-1.755 χ^2/NDF : 245222.6/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

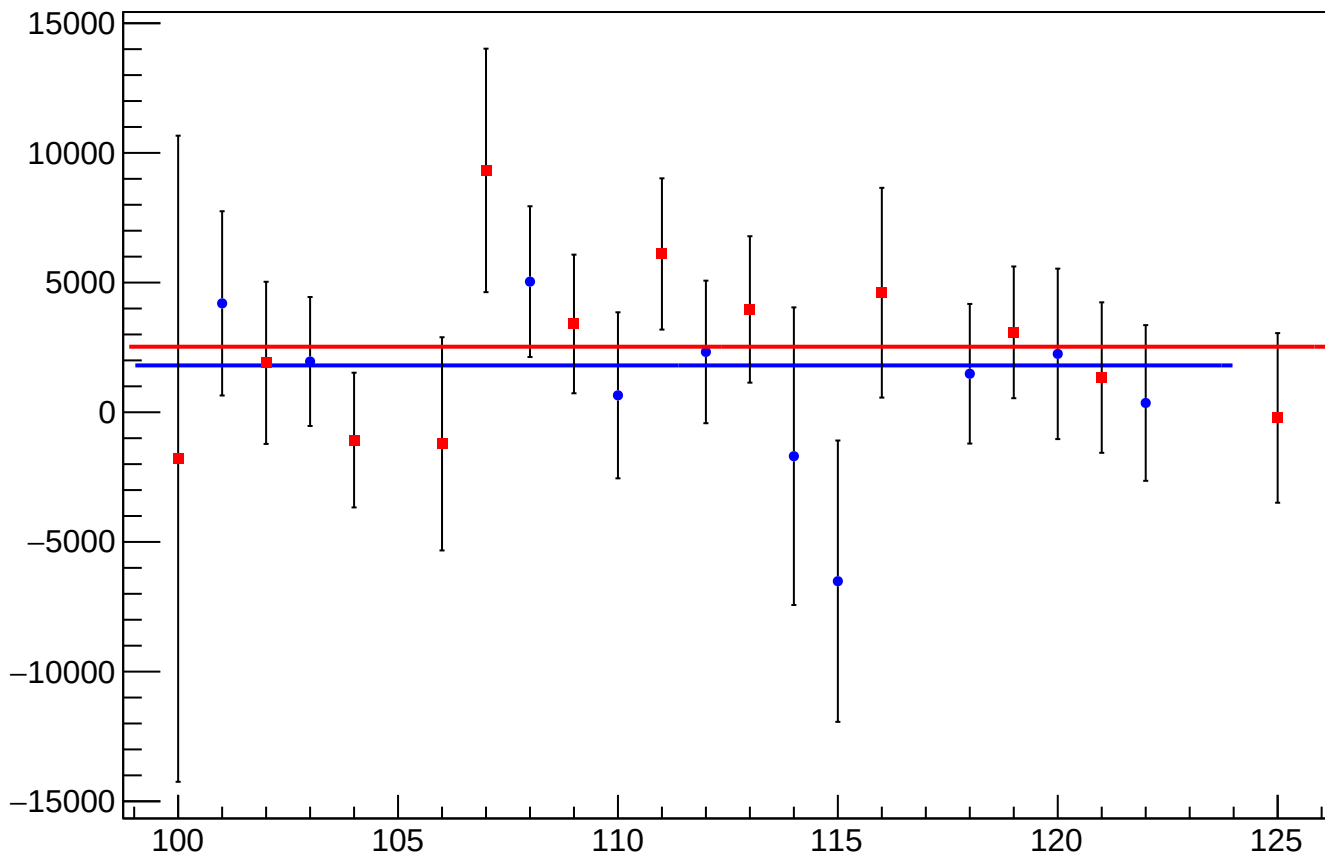
Right: 5534.122+/-1.327 χ^2/NDF : 518924.5/21

In: 5695.876+/-2.030 χ^2/NDF : 262602.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5534.122+/-1.327 χ^2/NDF : 518924.5/21

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: 2527.670+/-923.198 χ^2/NDF : 8.1/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

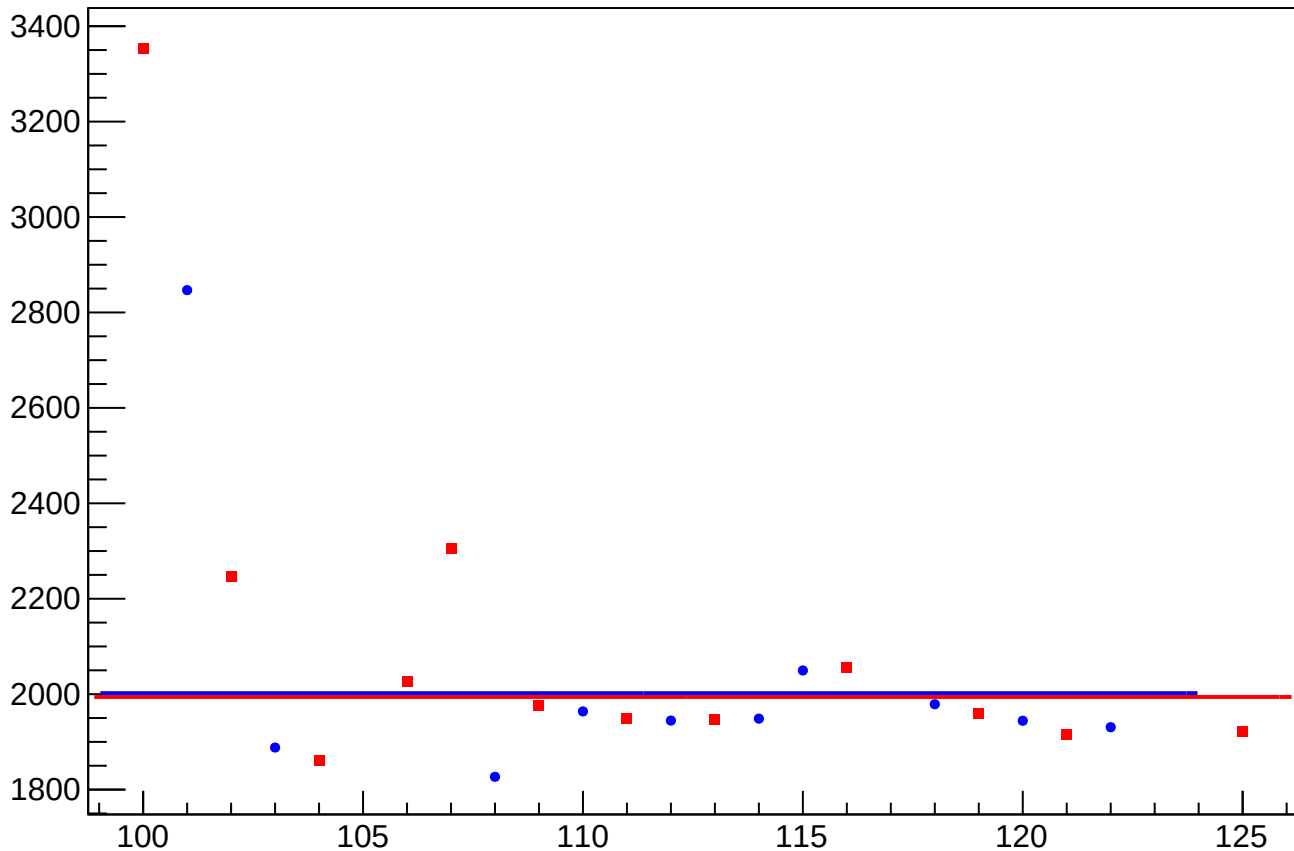
Right: 2196.401+/-679.045 χ^2/NDF : 13.2/21

In: 1805.932+/-1002.300 χ^2/NDF : 4.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2196.401+/-679.045 χ^2/NDF : 13.2/21

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: 1994.173+/-0.651 χ^2/NDF : 55441.9/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

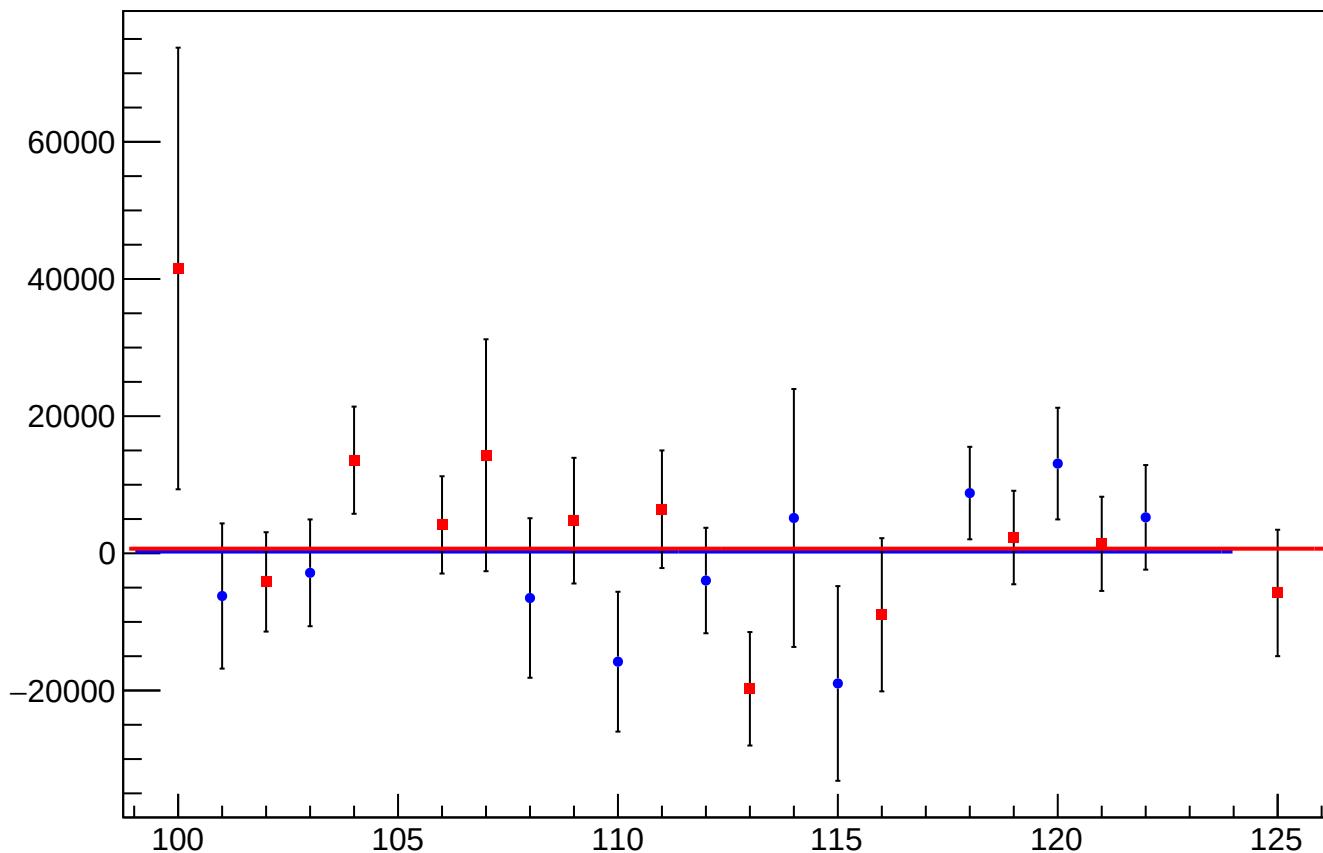
Right: 1997.778+/-0.480 χ^2/NDF : 183460.5/21

In: 2002.045+/-0.709 χ^2/NDF : 127951.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1997.778+/-0.480 χ^2/NDF : 183460.5/21

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: 678.164+/-2481.374 χ^2/NDF : 13.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

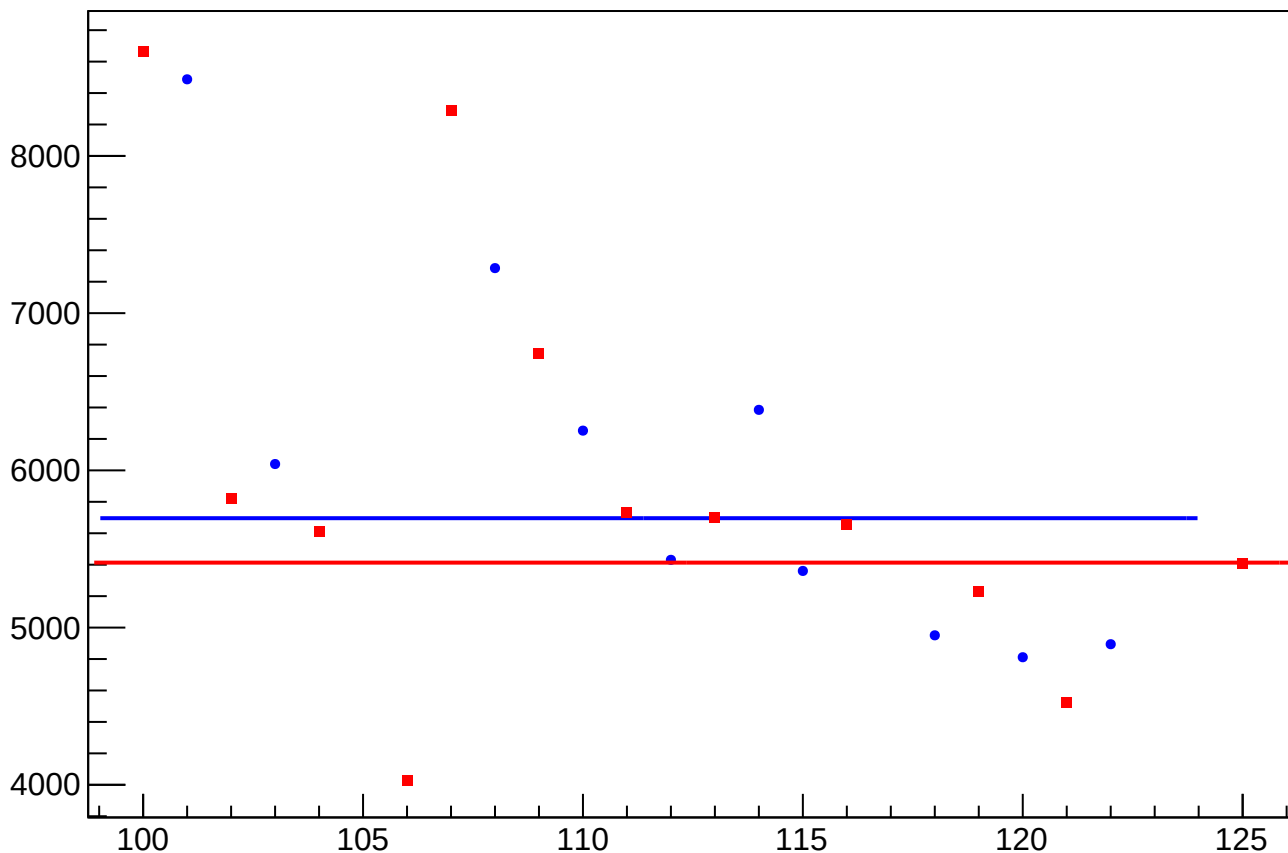
Right: 499.612+/-1877.122 χ^2/NDF : 23.8/21

In: 260.723+/-2870.168 χ^2/NDF :10.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 499.612+/-1877.122 χ^2/NDF : 23.8/21

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: 5413.207+/-1.755 χ^2/NDF : 245223.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

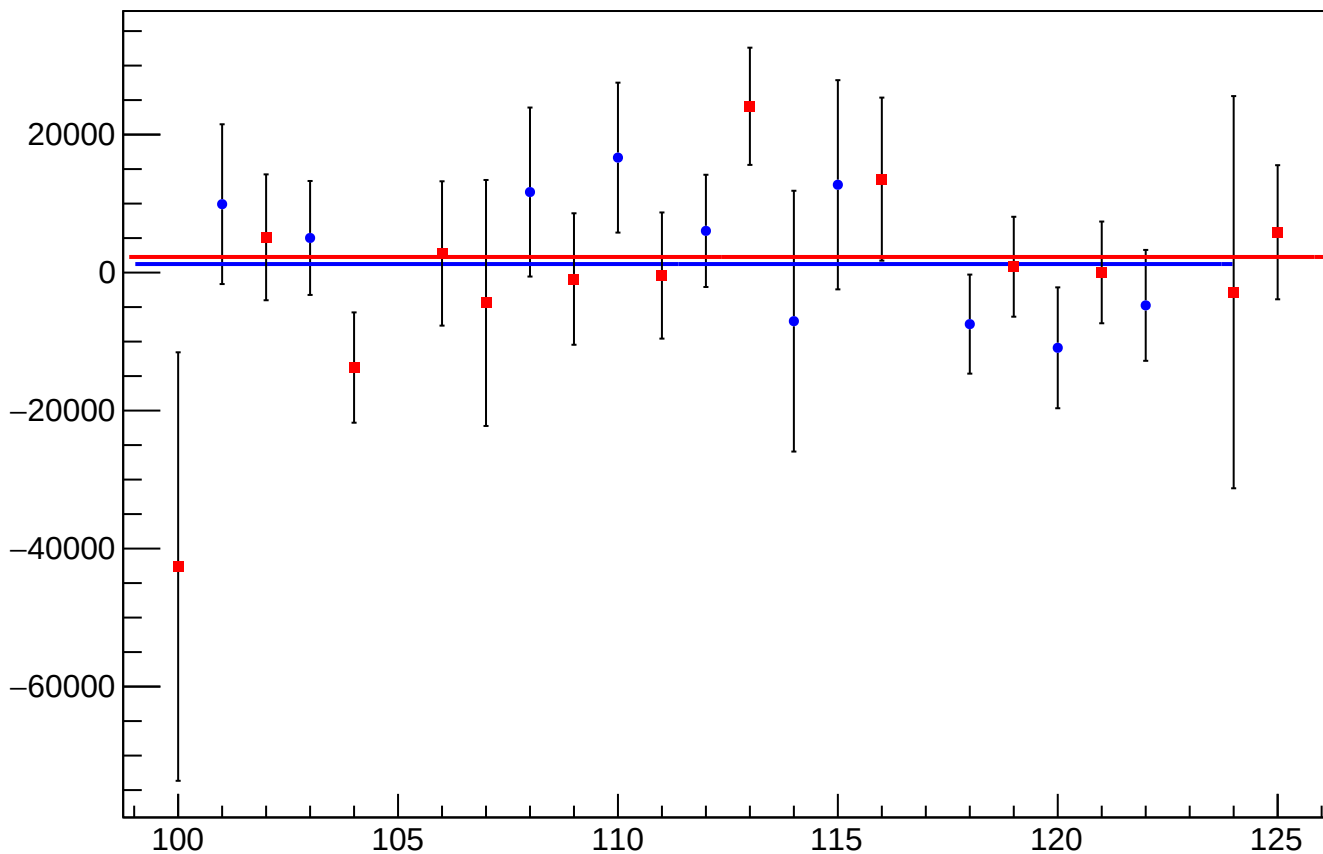
Right: 5534.104+/-1.327 χ^2/NDF : 518928.9/21

In: 5695.853+/-2.030 χ^2/NDF : 262605.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5534.104+/-1.327 χ^2/NDF : 518928.9/21

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: 2263.755+/-2728.796 χ^2/NDF : 14.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

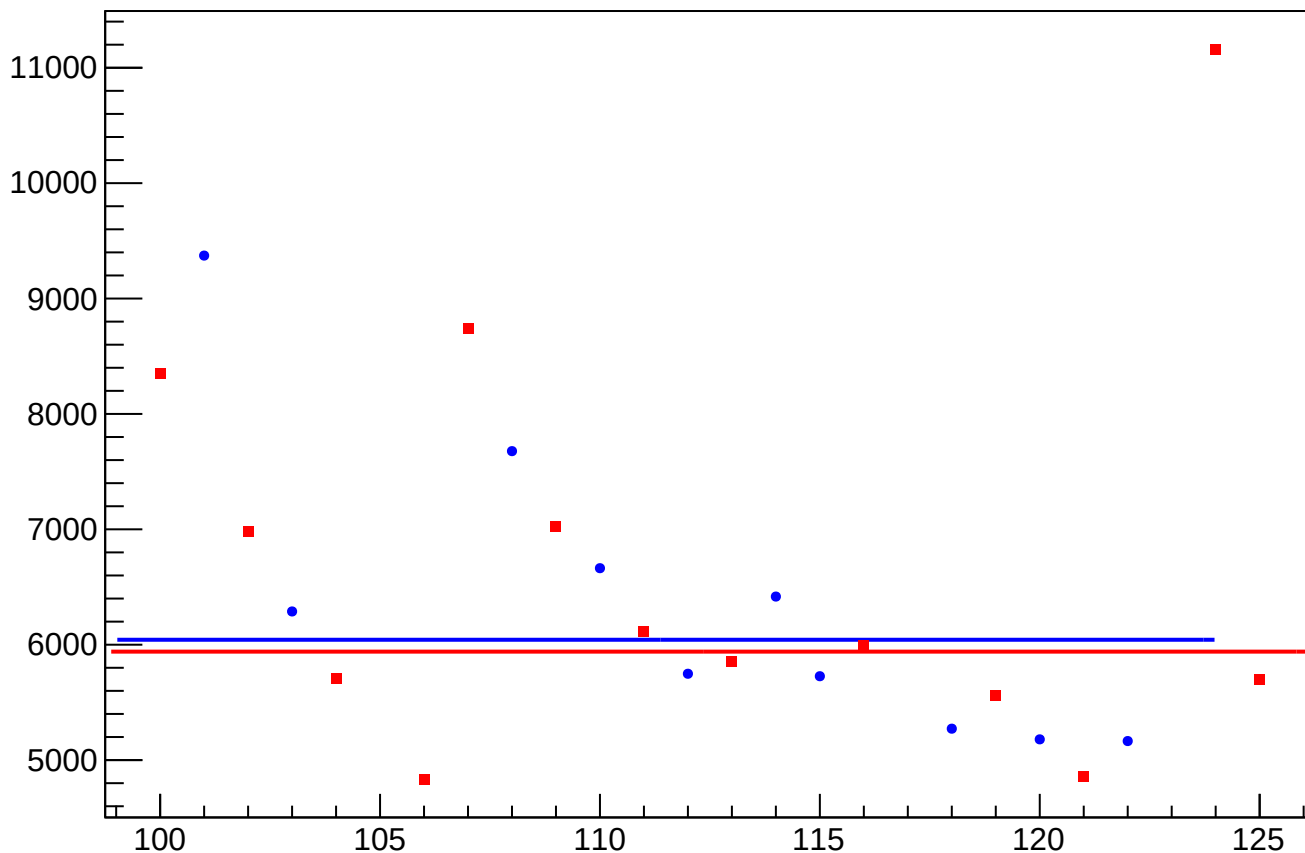
Right: 1807.325+/-2033.815 χ^2/NDF : 23.0/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1807.325+/-2033.815 χ^2/NDF : 23.0/22

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: 5940.040+/-1.930 χ^2/NDF : 255226.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

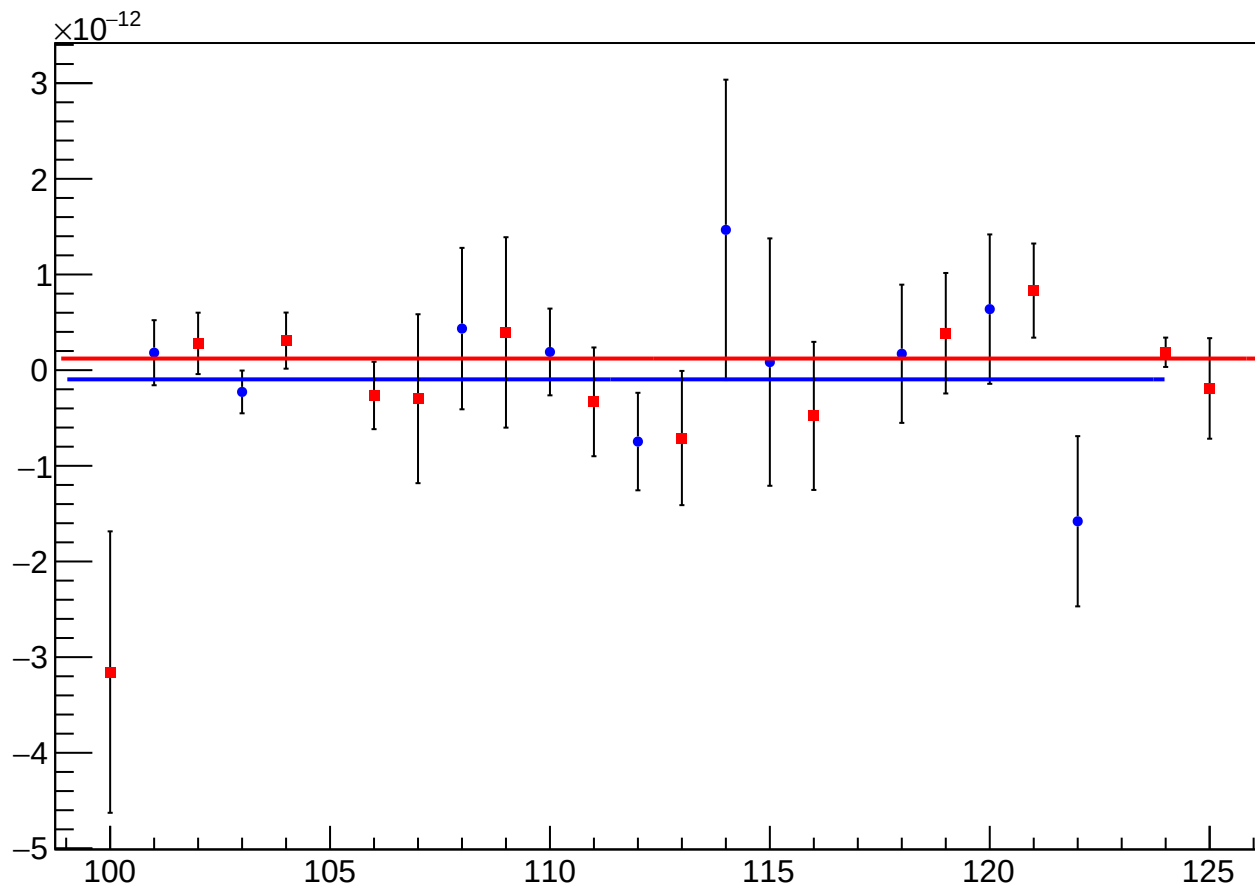
Right: 5985.777+/-1.438 χ^2/NDF : 536389.8/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5985.777+/-1.438 χ^2/NDF : 536389.8/22

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 : 12.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

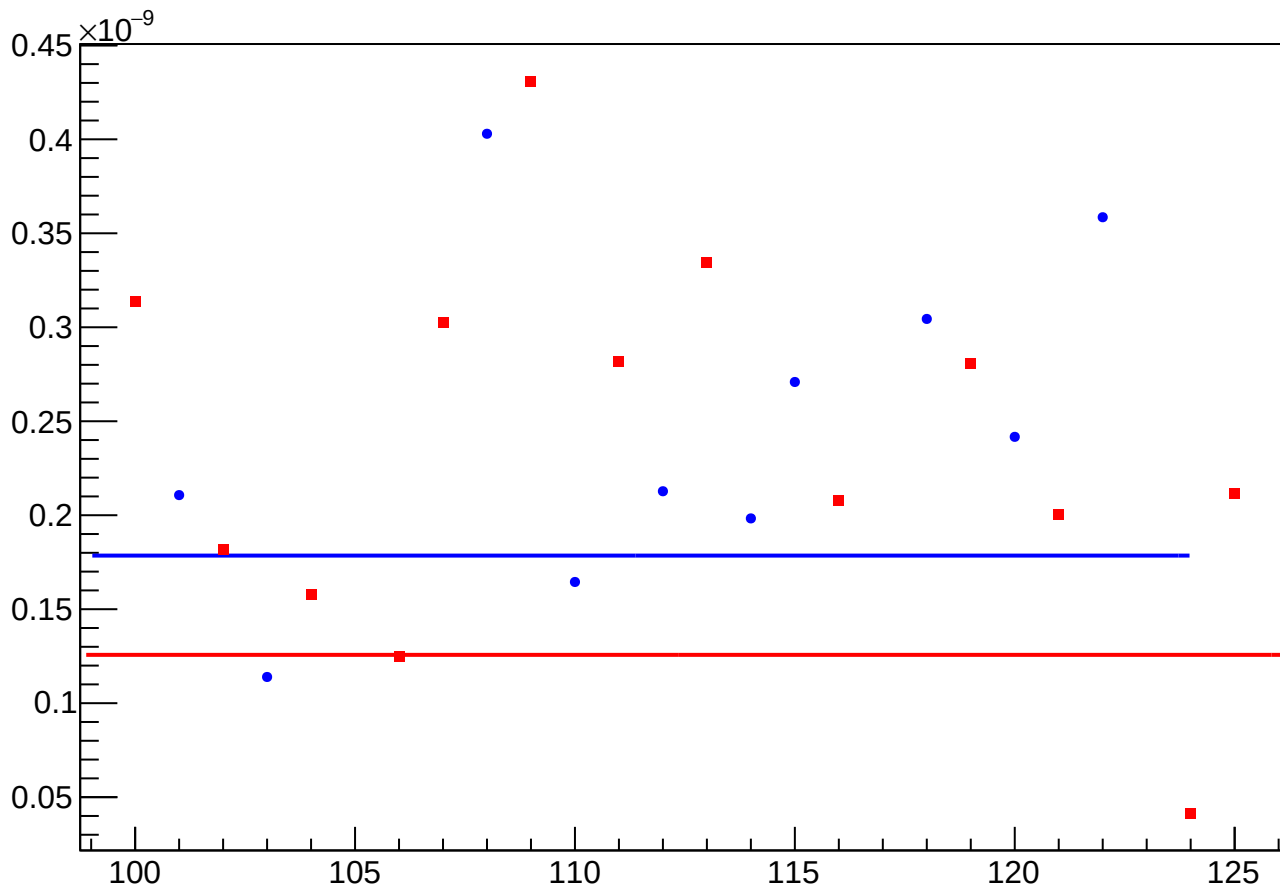
Right: 0.000+/-0.000 χ^2/NDF : 22.2/22

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 : 22.2/22

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 : 1562276.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

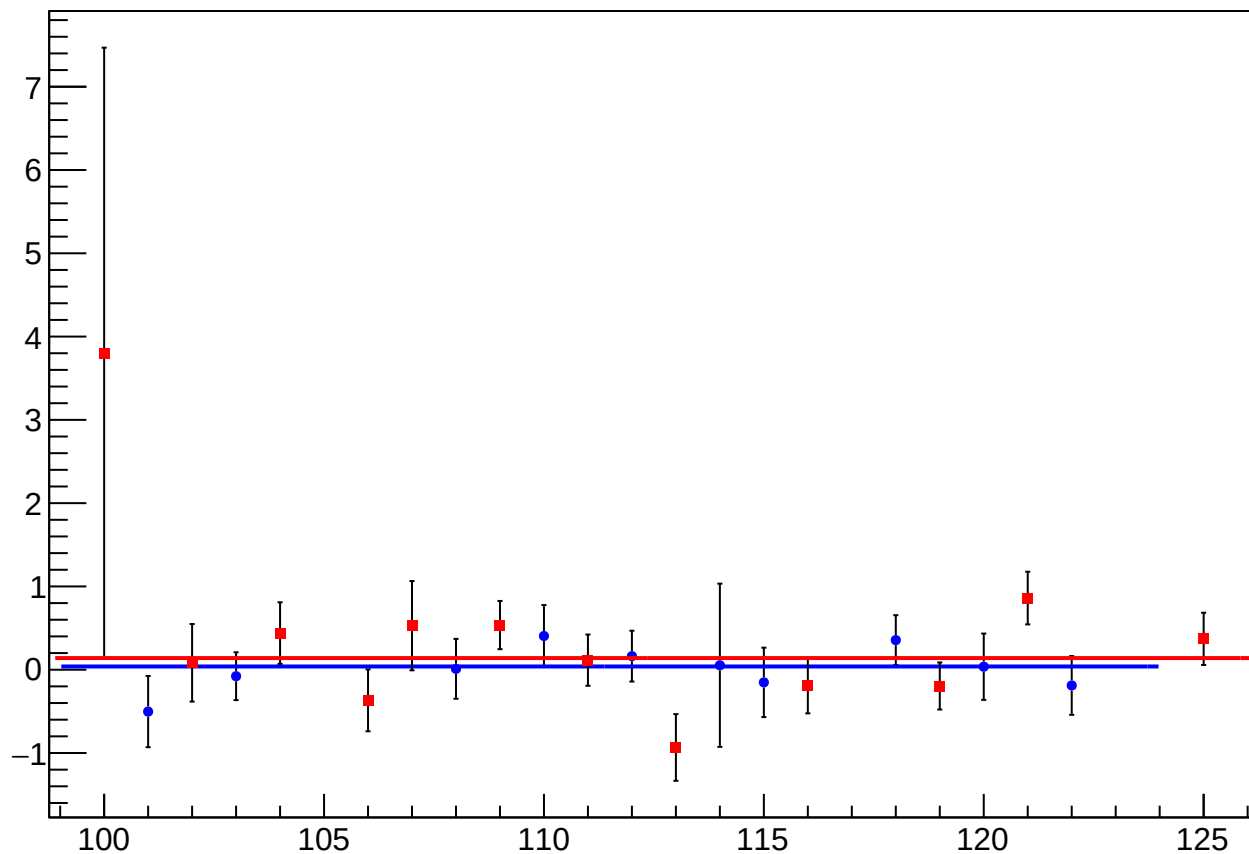
Right: 0.000+/-0.000 χ^2/NDF : 2233287.2/22

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 : 2233287.2/22

asym_atl2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.039+/-0.115 χ^2/NDF : 4.7/9

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

Right Out: 0.140+/-0.104 χ^2/NDF : 21.3/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

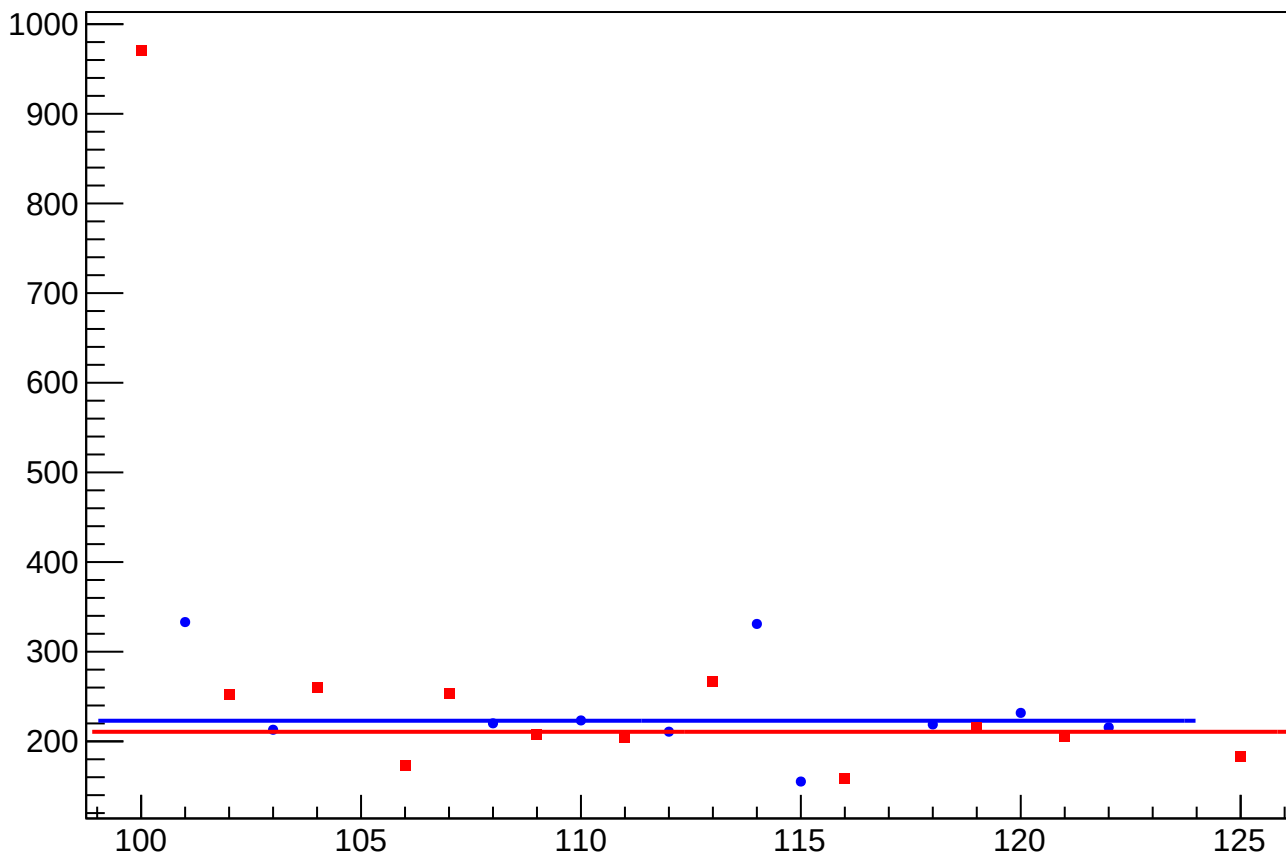
Right: 0.095+/-0.077 χ^2/NDF : 26.3/21

In: 0.039+/-0.115 χ^2/NDF : 4.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.095+/-0.077 χ^2/NDF : 26.3/21

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: 210.667 +/- 0.073 χ^2/NDF : 274876.4/11

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

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

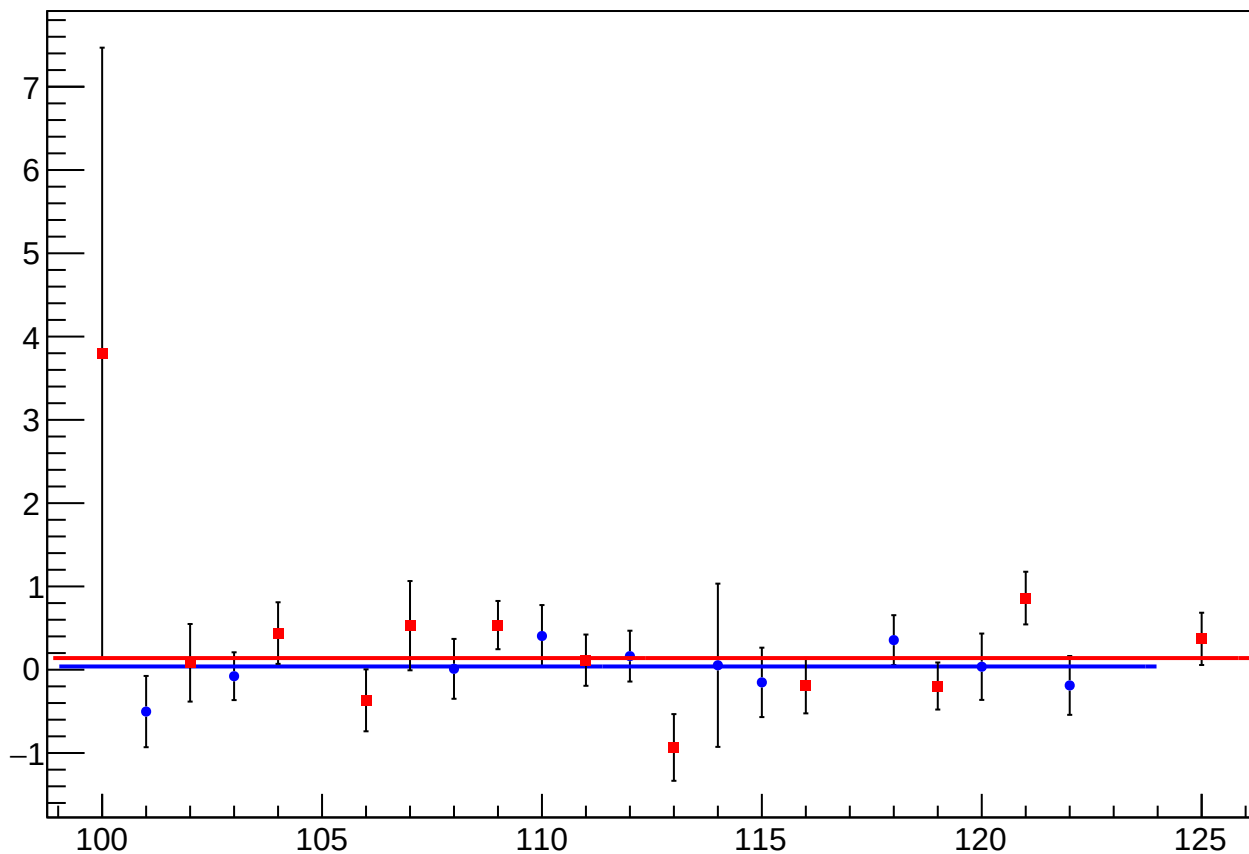
Right: 216.192 +/- 0.054 χ^2/NDF : 505201.7/21

In: 222.995 +/- 0.081 χ^2/NDF : 217638.2/9

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 216.192 +/- 0.054 χ^2/NDF : 505201.7/21

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: 0.140+/-0.104 χ^2/NDF : 21.3/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

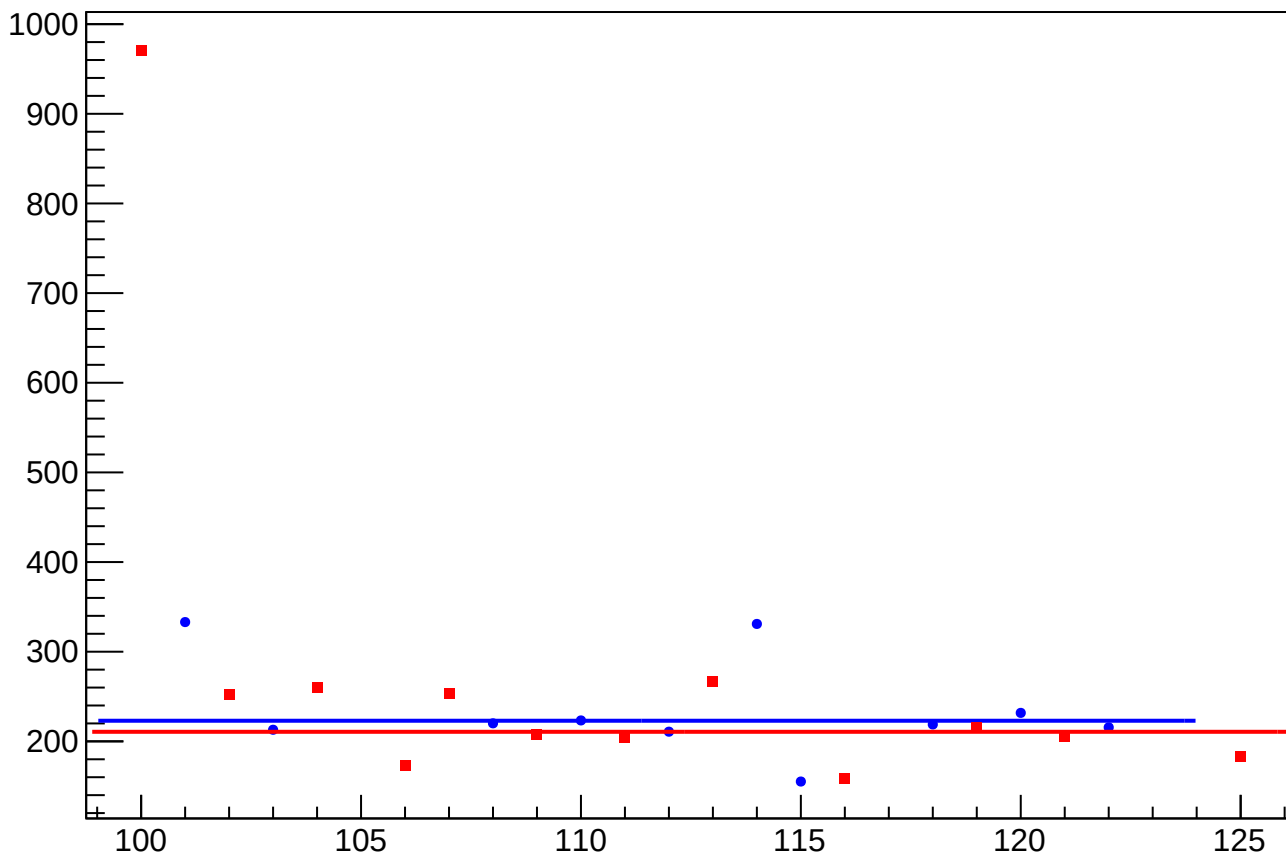
Right: 0.095+/-0.077 χ^2/NDF : 26.3/21

In: 0.039+/-0.115 χ^2/NDF : 4.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.095+/-0.077 χ^2/NDF : 26.3/21

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: 210.667+/-0.073 χ^2/NDF : 274876.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

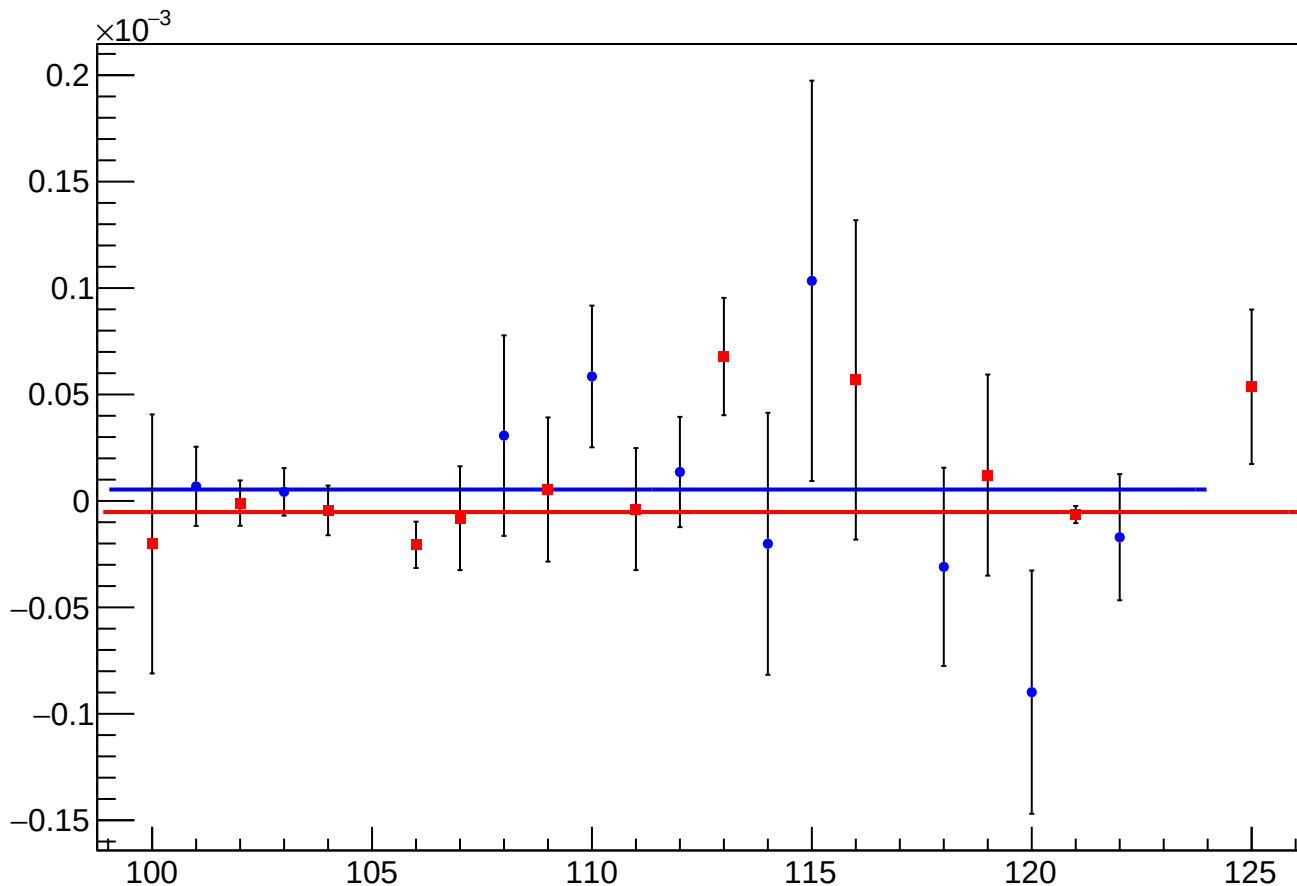
Right: 216.192+/-0.054 χ^2/NDF : 505201.7/21

In: 222.995+/-0.081 χ^2/NDF :217638.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 216.192+/-0.054 χ^2/NDF : 505201.7/21

asym_atl2_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 : 12.9/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

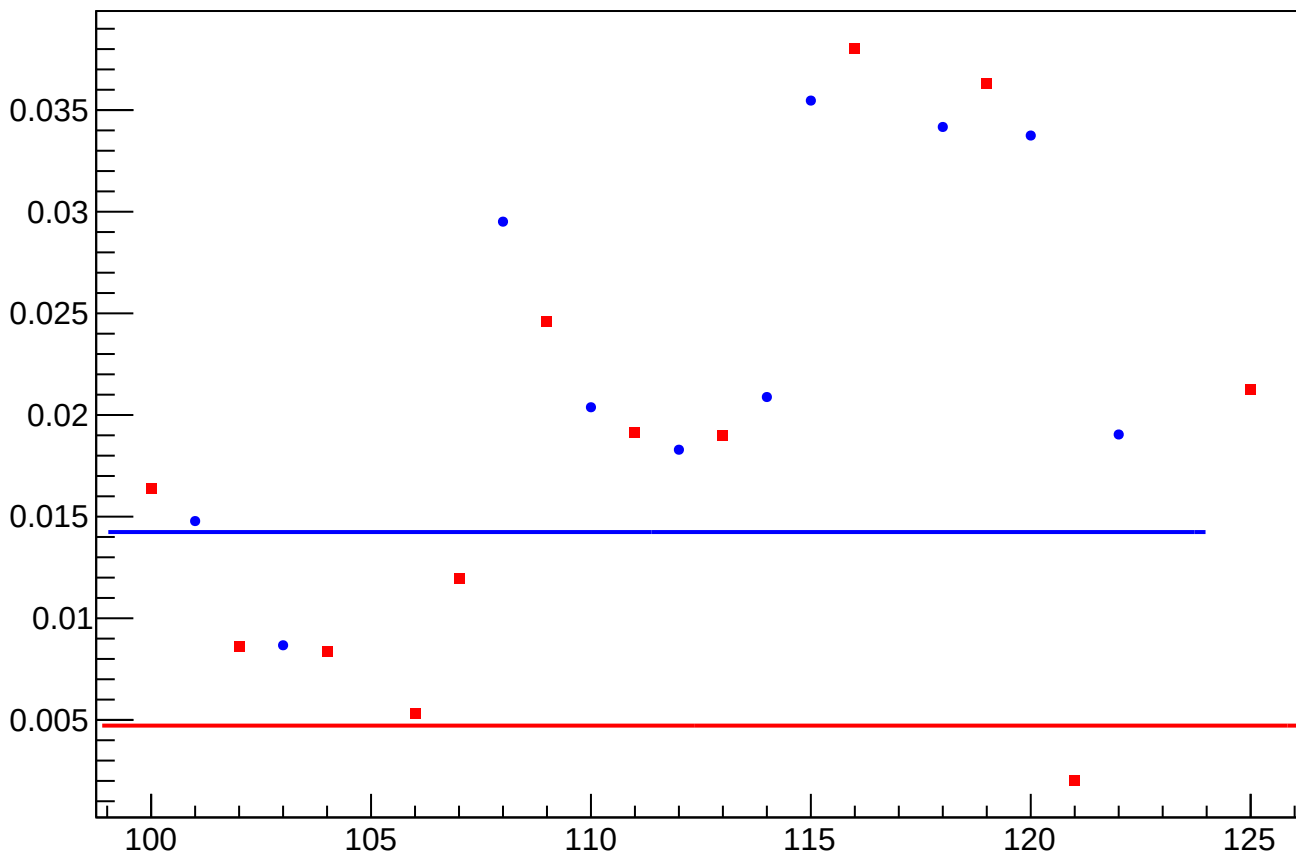
Right: -0.000+/-0.000 χ^2/NDF : 22.6/21

In: 0.000+/-0.000 χ^2/NDF : 8.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.6/21

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 : 5063910.2/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

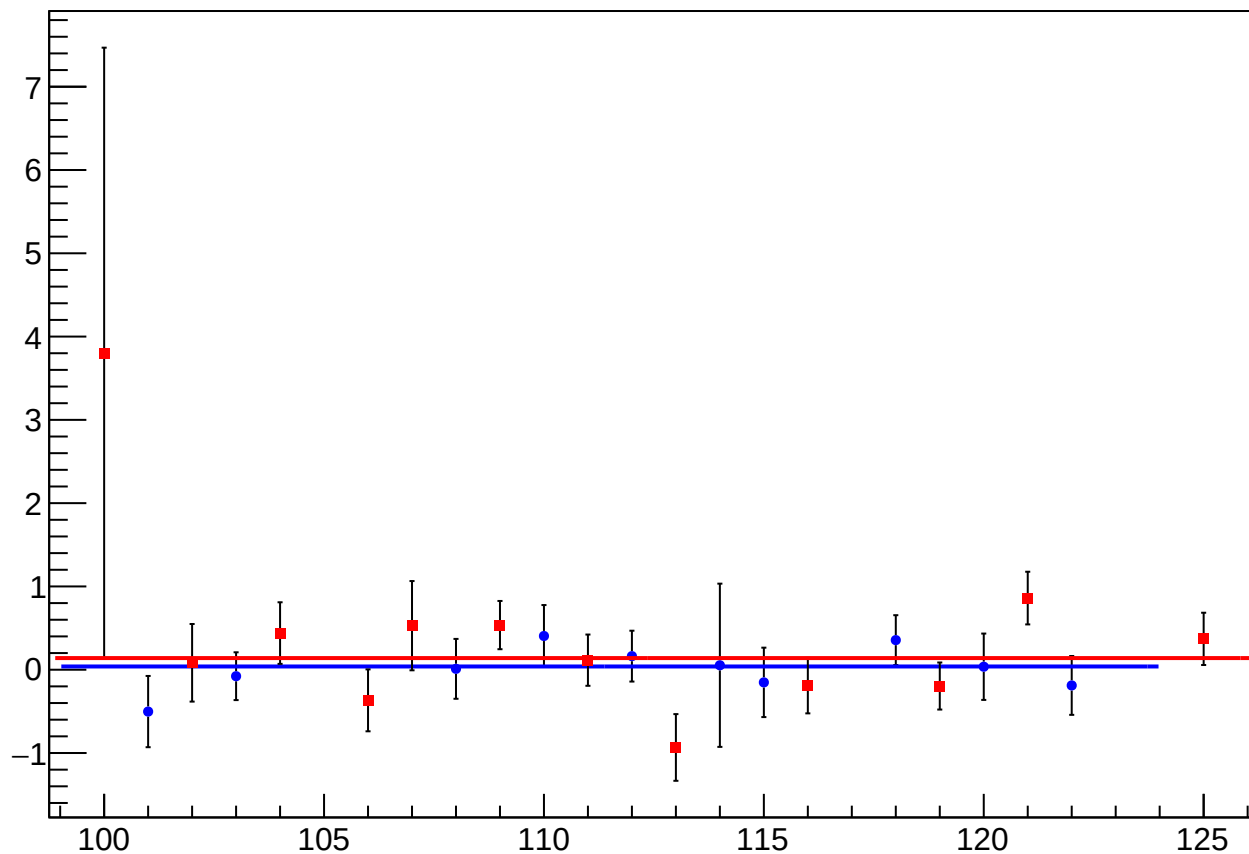
Right: 0.006+/-0.000 χ^2/NDF : 9153944.6/21

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 : 9153944.6/21

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: 0.140+/-0.104 χ^2/NDF : 21.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

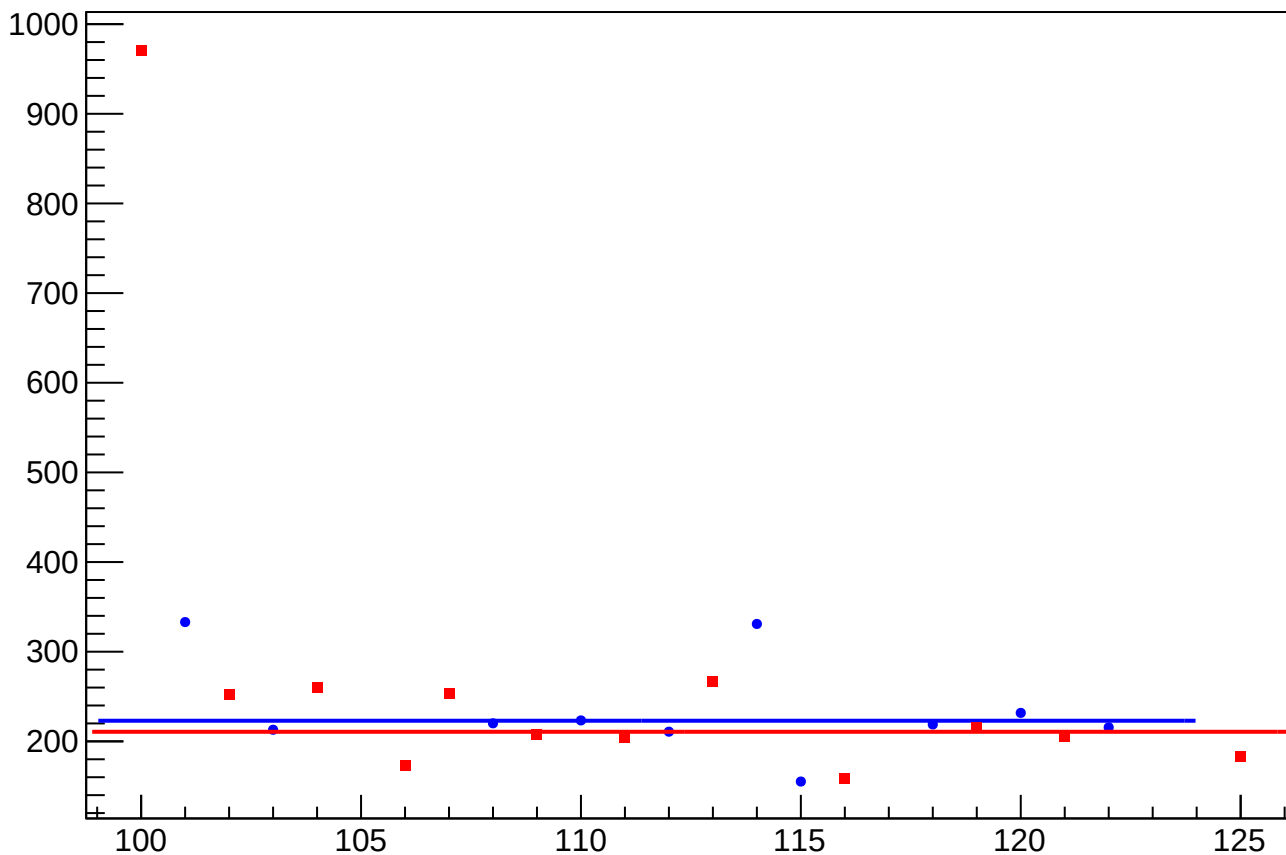
Right: 0.095+/-0.077 χ^2/NDF : 26.3/21

In: 0.039+/-0.115 χ^2/NDF :4.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.095+/-0.077 χ^2/NDF : 26.3/21

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: 210.670+/-0.073 χ^2/NDF : 274847.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

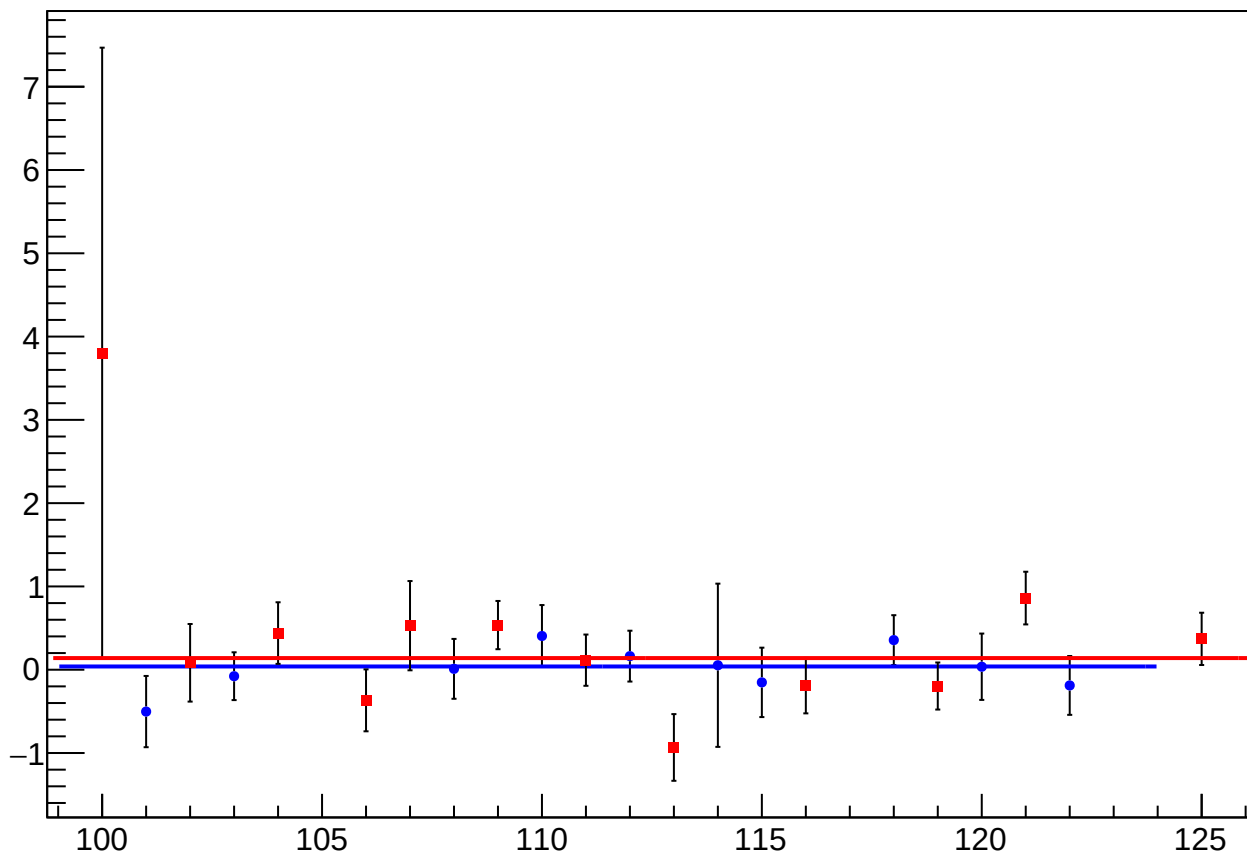
Right: 216.194+/-0.054 χ^2/NDF : 505148.7/21

In: 222.998+/-0.081 χ^2/NDF : 217615.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 216.194+/-0.054 χ^2/NDF : 505148.7/21

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: 0.140+/-0.104 χ^2/NDF : 21.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

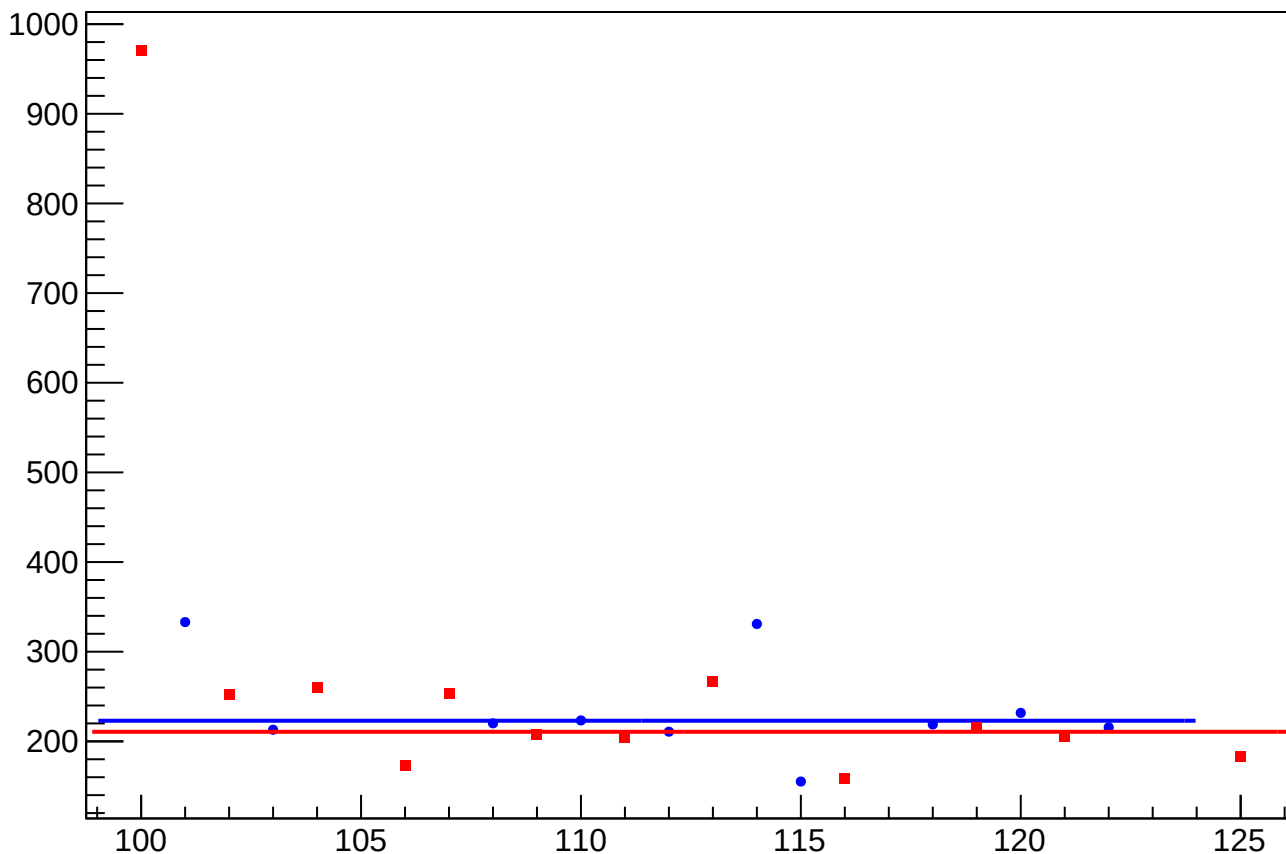
Right: 0.095+/-0.077 χ^2/NDF : 26.3/21

In: 0.039+/-0.115 χ^2/NDF :4.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.095+/-0.077 χ^2/NDF : 26.3/21

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: 210.670+/-0.073 χ^2/NDF : 274847.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

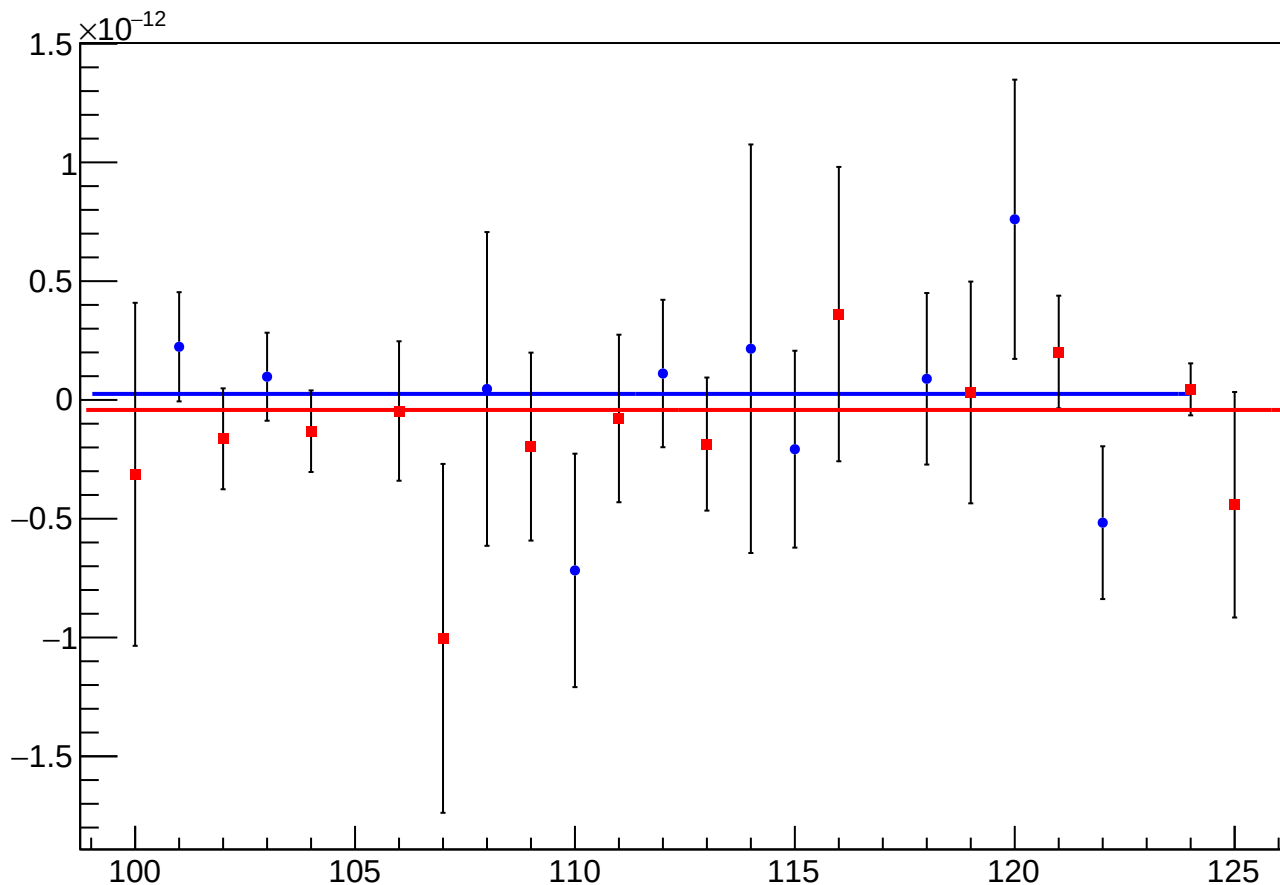
Right: 216.194+/-0.054 χ^2/NDF : 505148.7/21

In: 222.998+/-0.081 χ^2/NDF :217615.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 216.194+/-0.054 χ^2/NDF : 505148.7/21

asym_atl2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.1/9

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

Right Out: -0.000+/-0.000 χ^2/NDF : 5.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

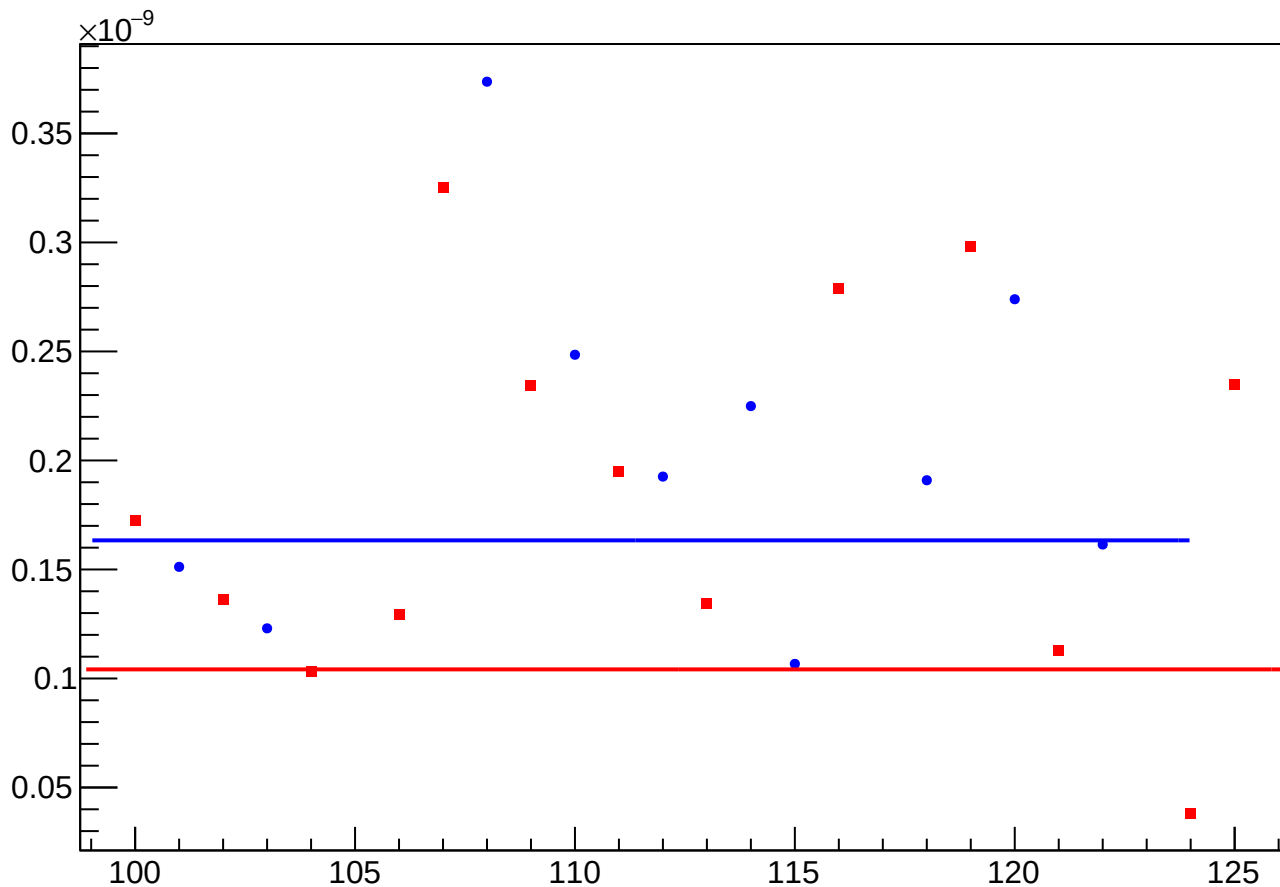
Right: -0.000+/-0.000 χ^2/NDF : 14.1/22

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 : 14.1/22

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 : 2021674.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

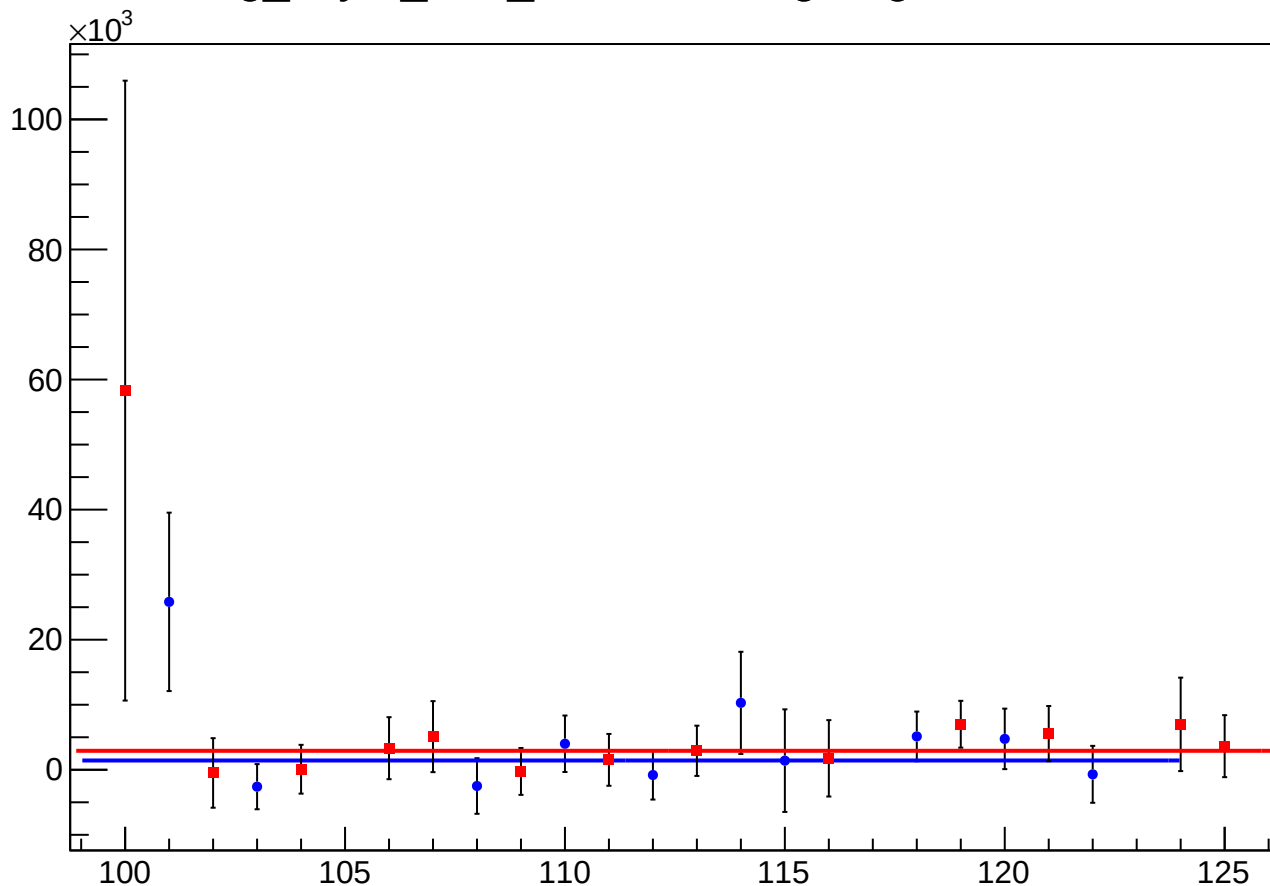
Right: 0.000+/-0.000 χ^2/NDF : 2983341.7/22

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 : 2983341.7/22

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: 2919.910+/-1274.103 χ^2/NDF : 5.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

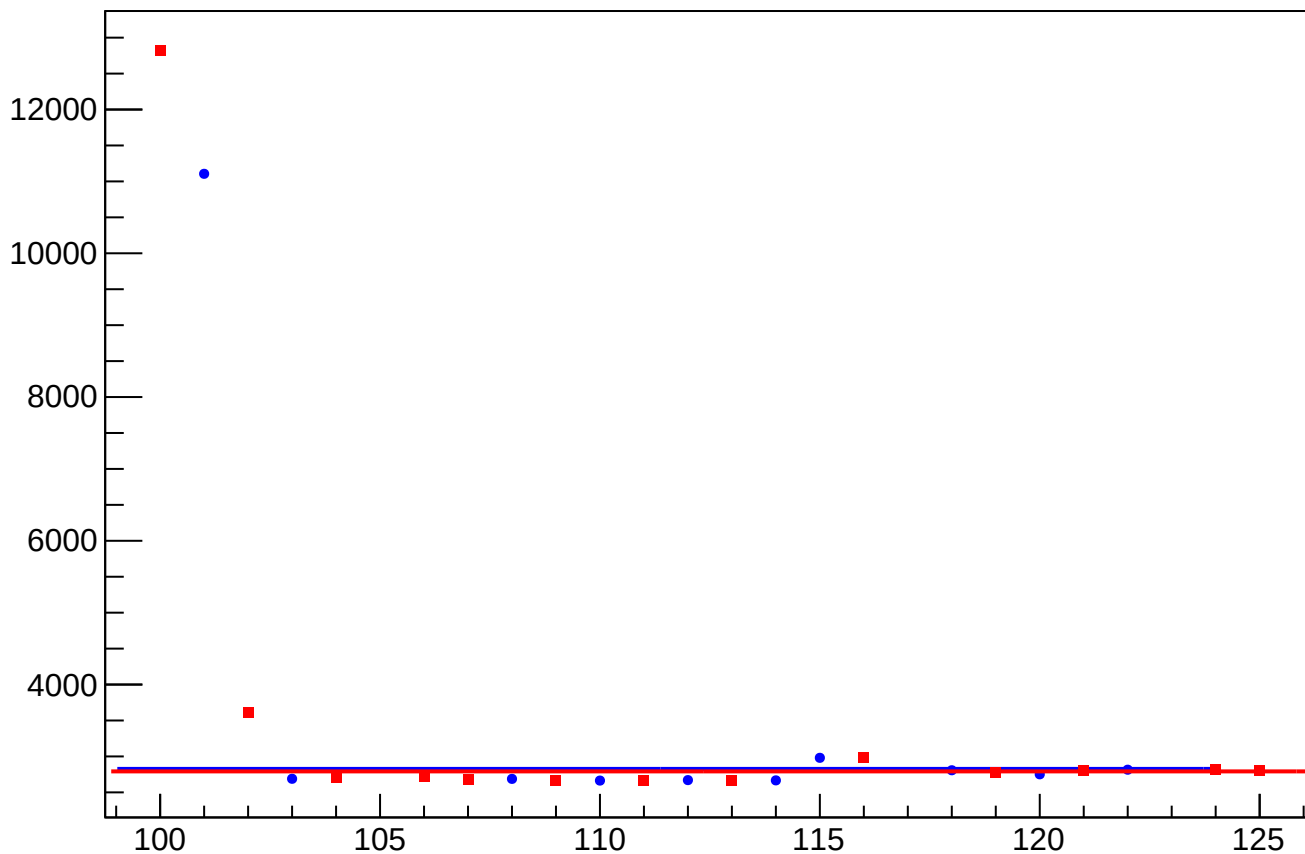
Right: 2278.054+/-961.552 χ^2/NDF : 15.0/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2278.054+/-961.552 χ^2/NDF : 15.0/22

reg_asym_atr1_rms vs Slug, Sign Corrected



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

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

Right Out: 2791.848+/-0.901 χ^2/NDF : 146289.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

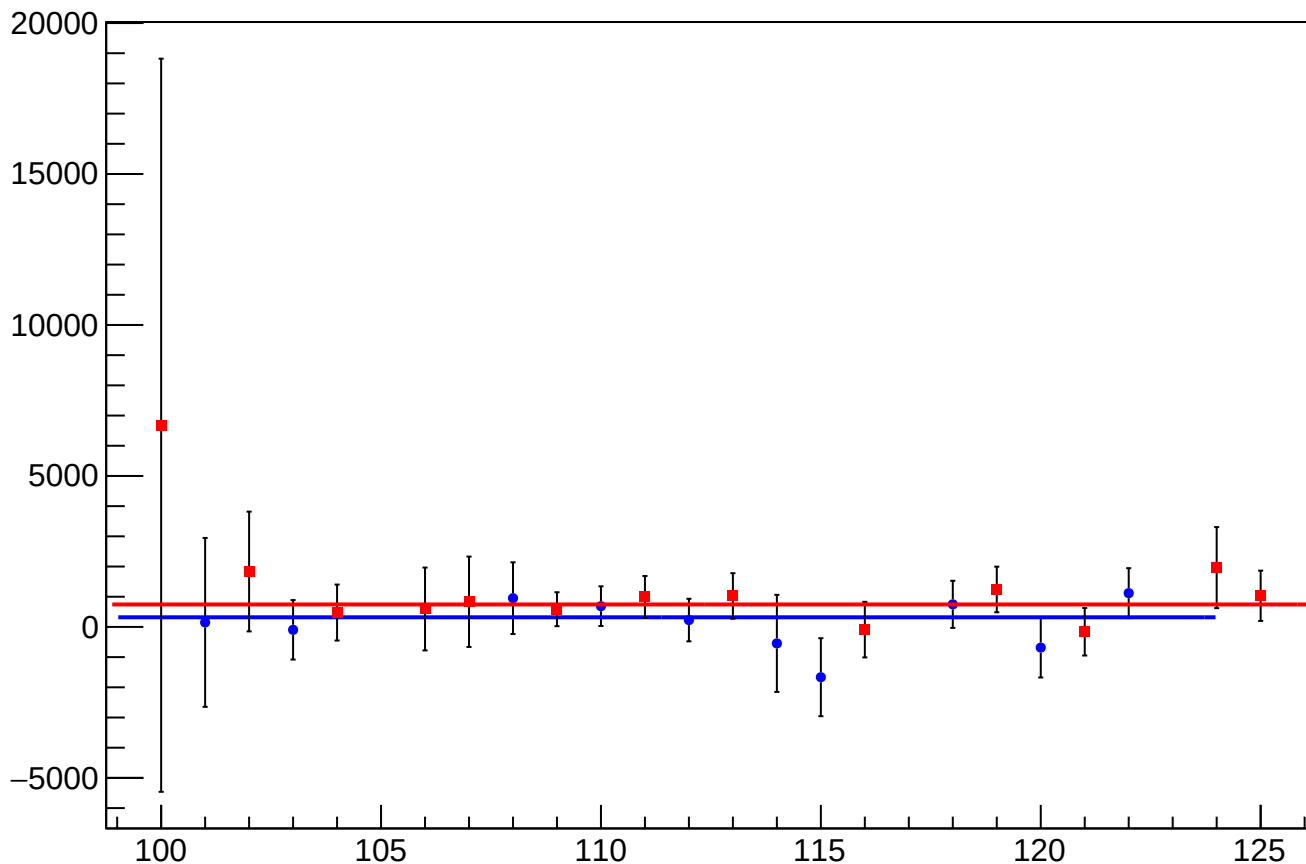
Right: 2806.737+/-0.680 χ^2/NDF : 889236.7/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2806.737+/-0.680 χ^2/NDF : 889236.7/22

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: 743.780+/-250.442 χ^2/NDF : 4.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

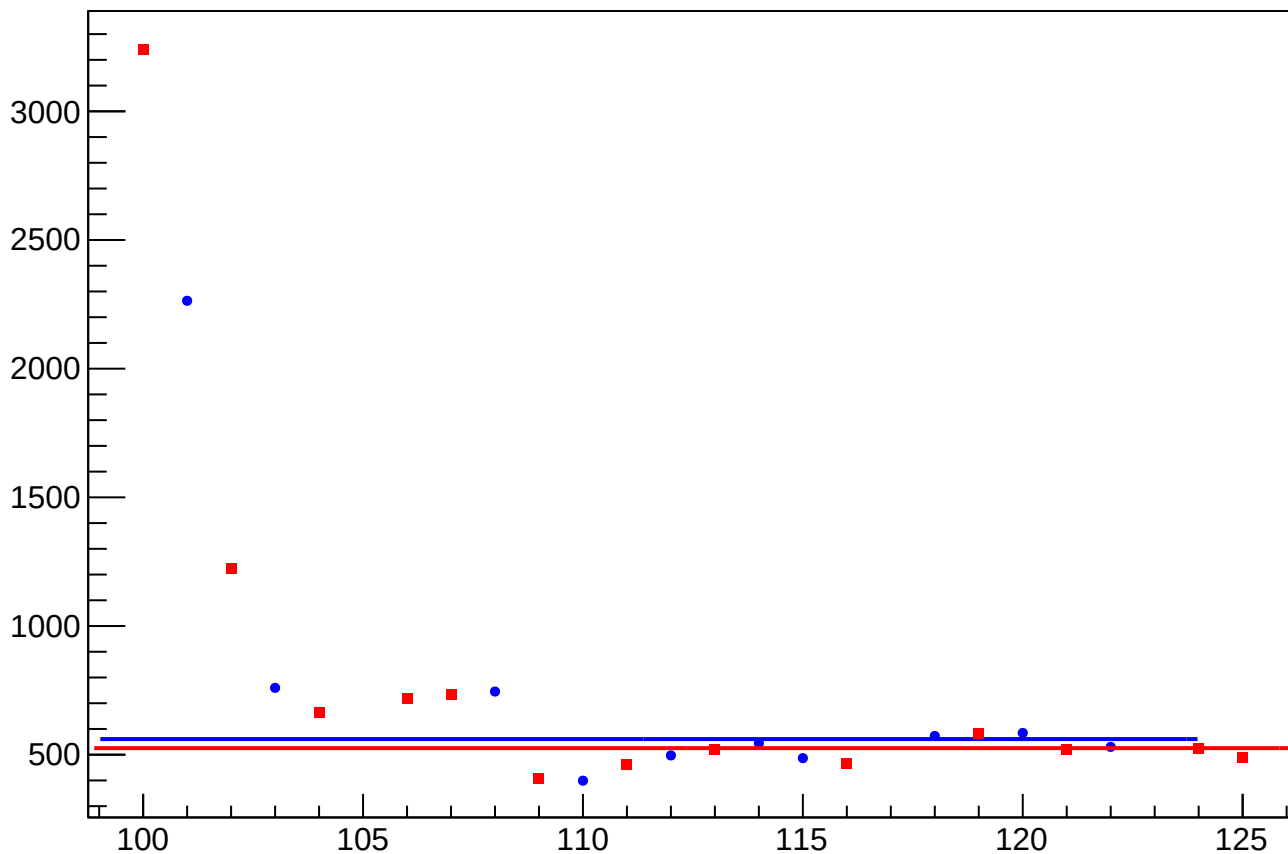
Right: 567.374+/-191.535 χ^2/NDF : 11.4/22

In: 318.813+/-297.282 χ^2/NDF : 5.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 567.374+/-191.535 χ^2/NDF : 11.4/22

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: 525.512+/-0.177 χ^2/NDF : 600708.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

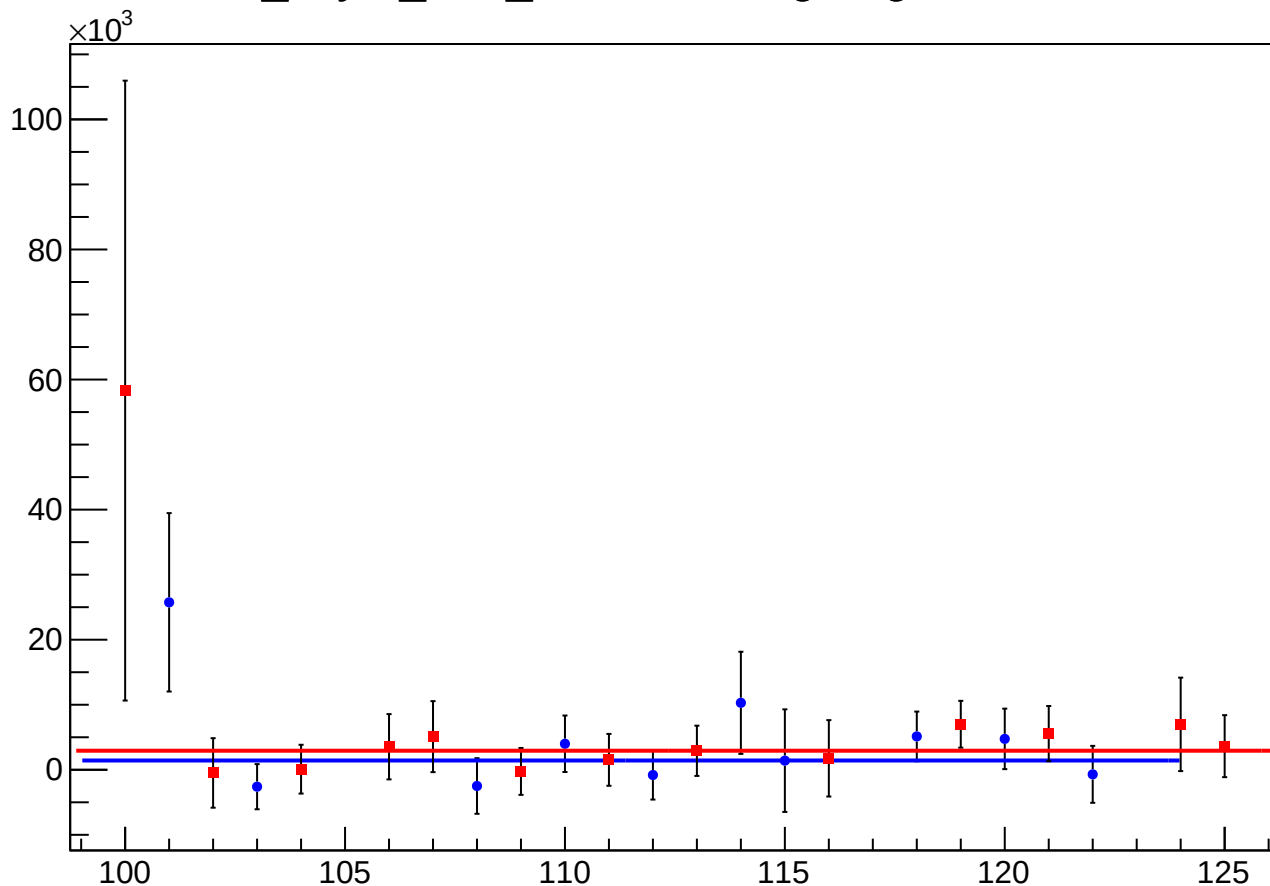
Right: 540.132+/-0.135 χ^2/NDF : 1637106.0/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 540.132+/-0.135 χ^2/NDF : 1637106.0/22

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: 2932.646+/-1278.554 χ^2/NDF : 5.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

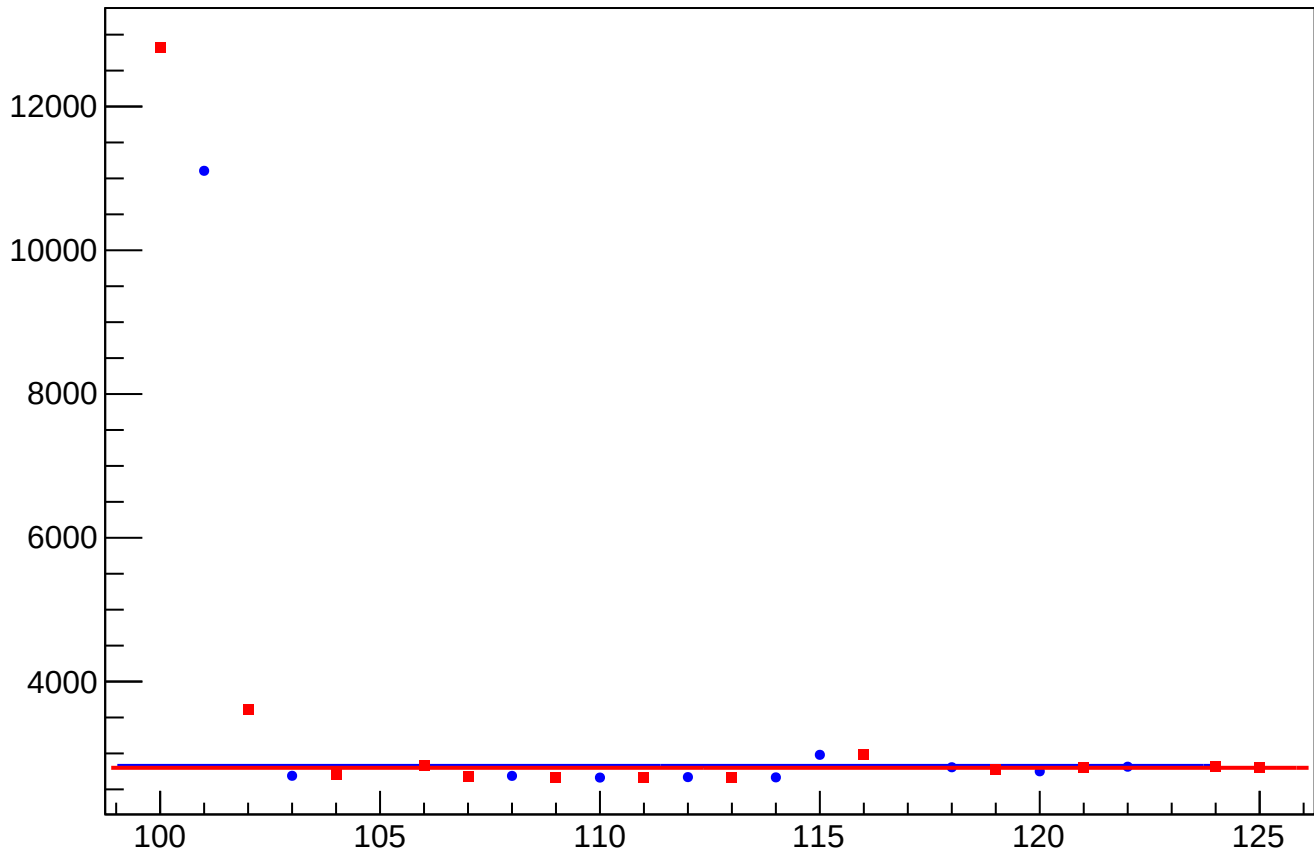
Right: 2282.204+/-963.461 χ^2/NDF : 15.0/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2282.204+/-963.461 χ^2/NDF : 15.0/22

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: 2799.969+/-0.904 χ^2/NDF : 145947.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

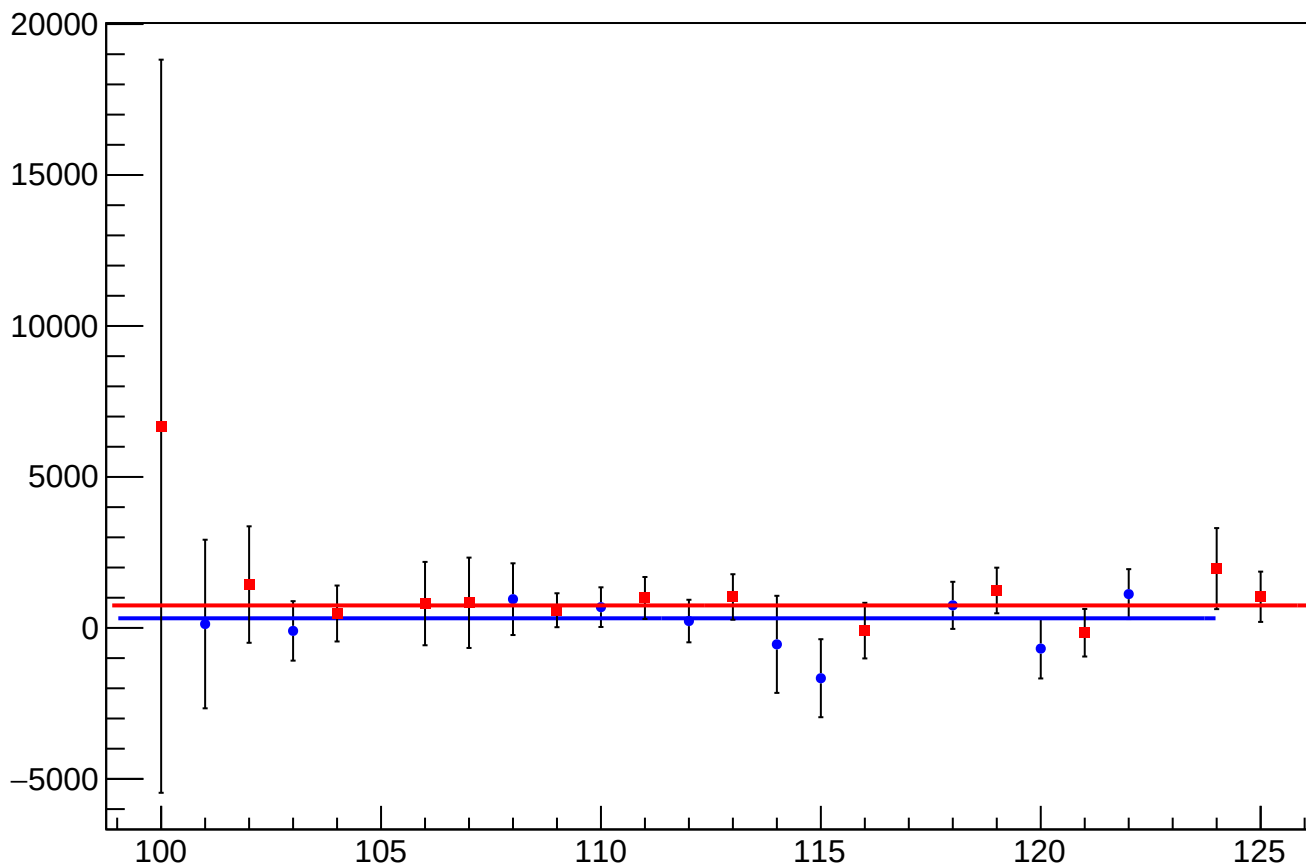
Right: 2811.407+/-0.681 χ^2/NDF : 888629.9/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2811.407+/-0.681 χ^2/NDF : 888629.9/22

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: 745.106+/-250.371 χ^2/NDF : 4.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

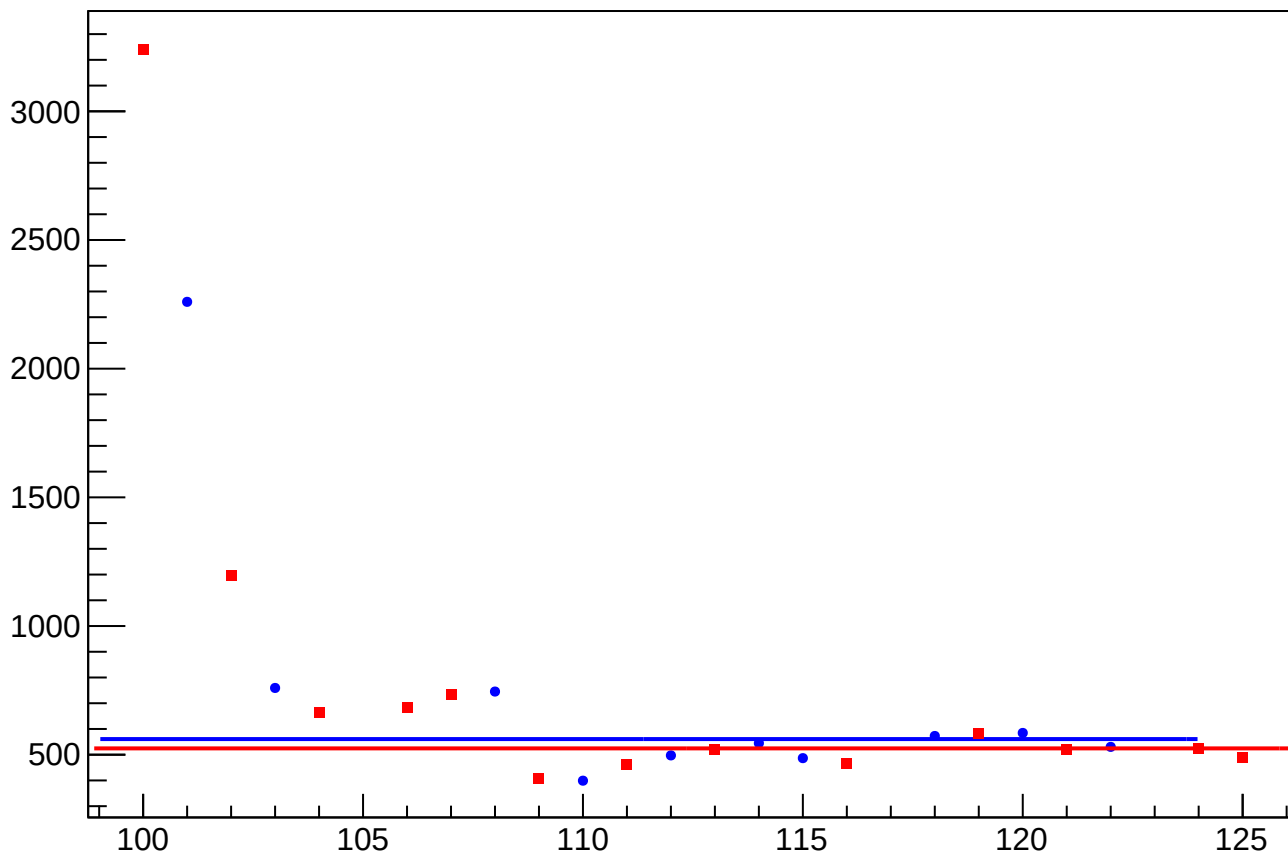
Right: 568.146+/-191.499 χ^2/NDF : 11.2/22

In: 318.681+/-297.269 χ^2/NDF : 5.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 568.146+/-191.499 χ^2/NDF : 11.2/22

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: 524.523+/-0.177 χ^2/NDF : 583646.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

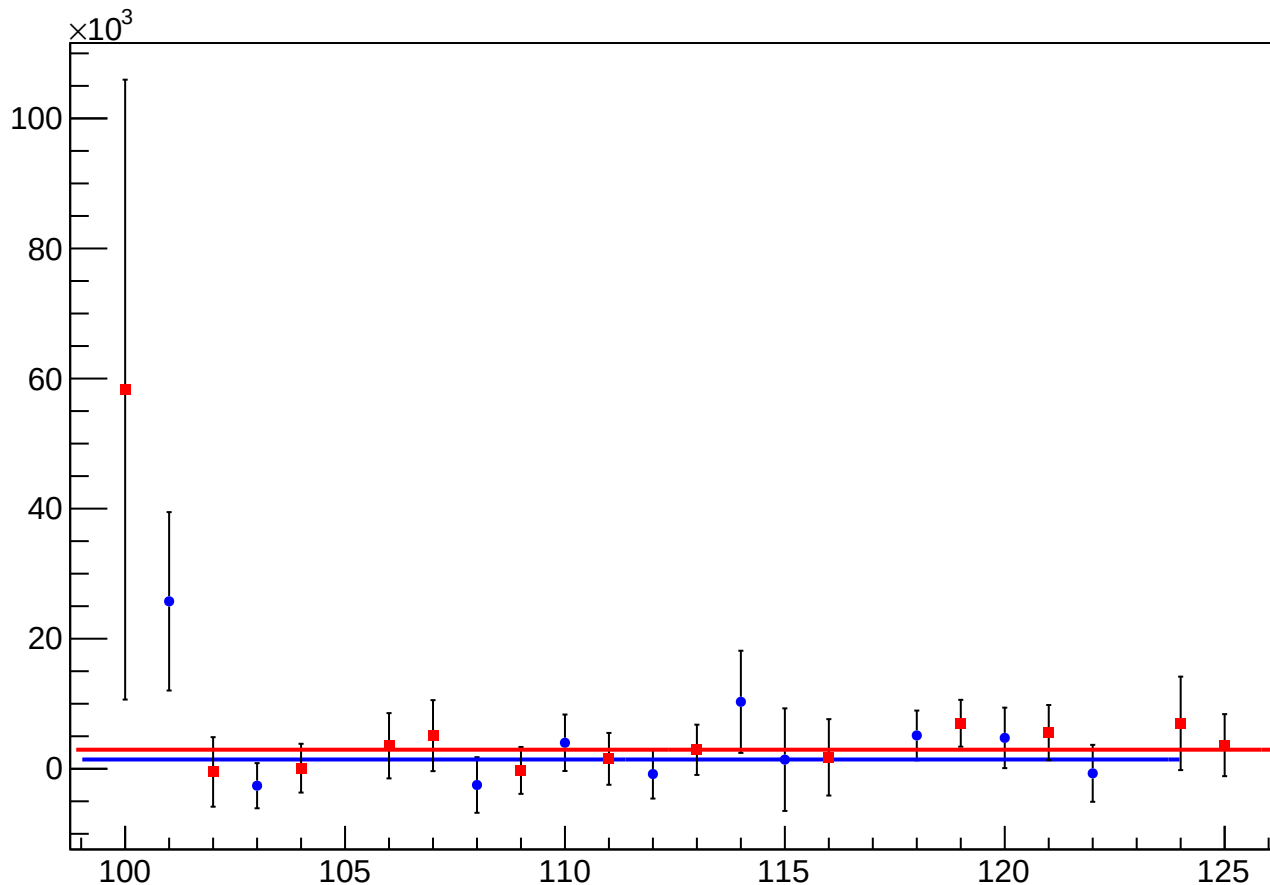
Right: 539.558+/-0.135 χ^2/NDF : 1620006.3/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 539.558+/-0.135 χ^2/NDF : 1620006.3/22

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: 2932.646+/-1278.554 χ^2 /NDF: 5.4/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

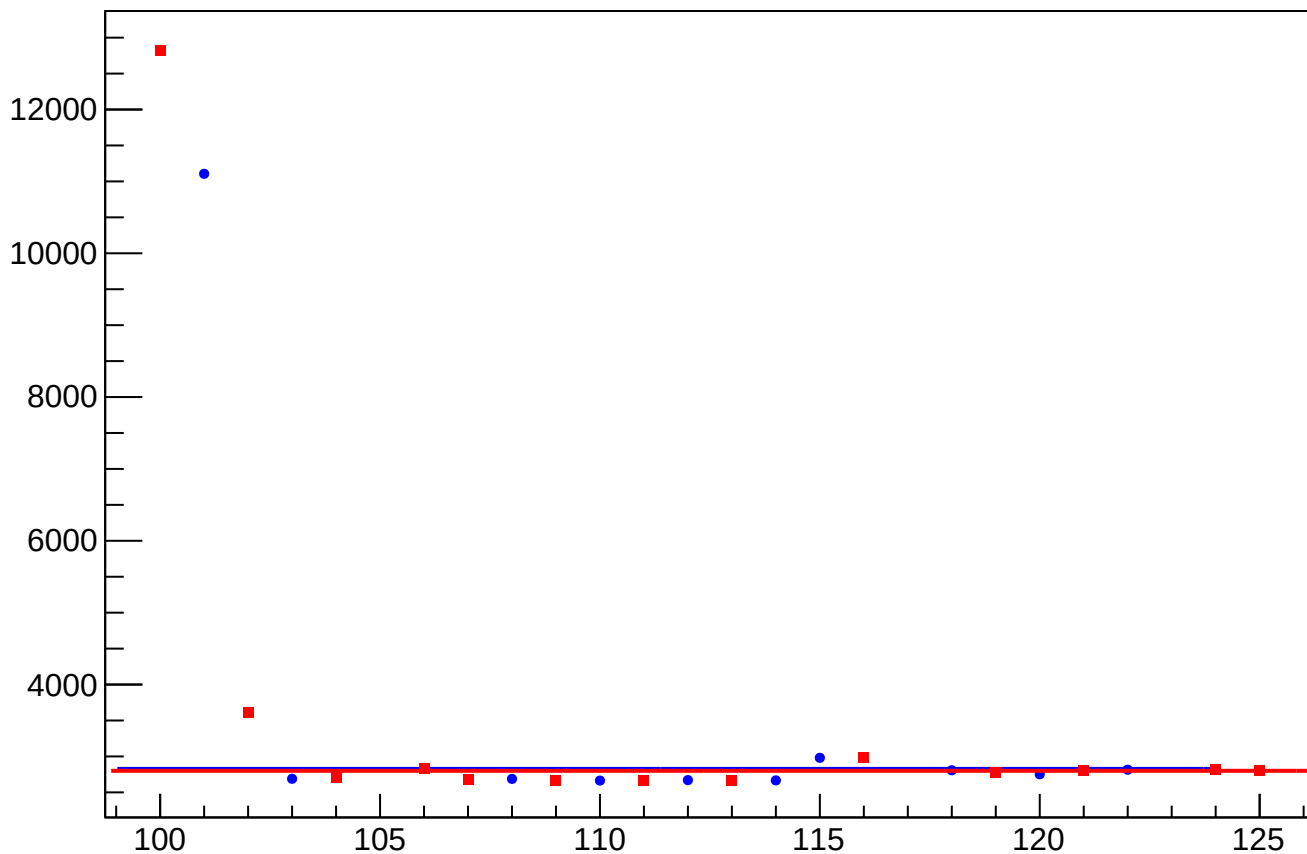
Right: 2282.204+/-963.461 χ^2 /NDF: 15.0/22

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

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2282.204+/-963.461 χ^2 /NDF: 15.0/22

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: 2799.969+/-0.904 χ^2/NDF : 145947.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

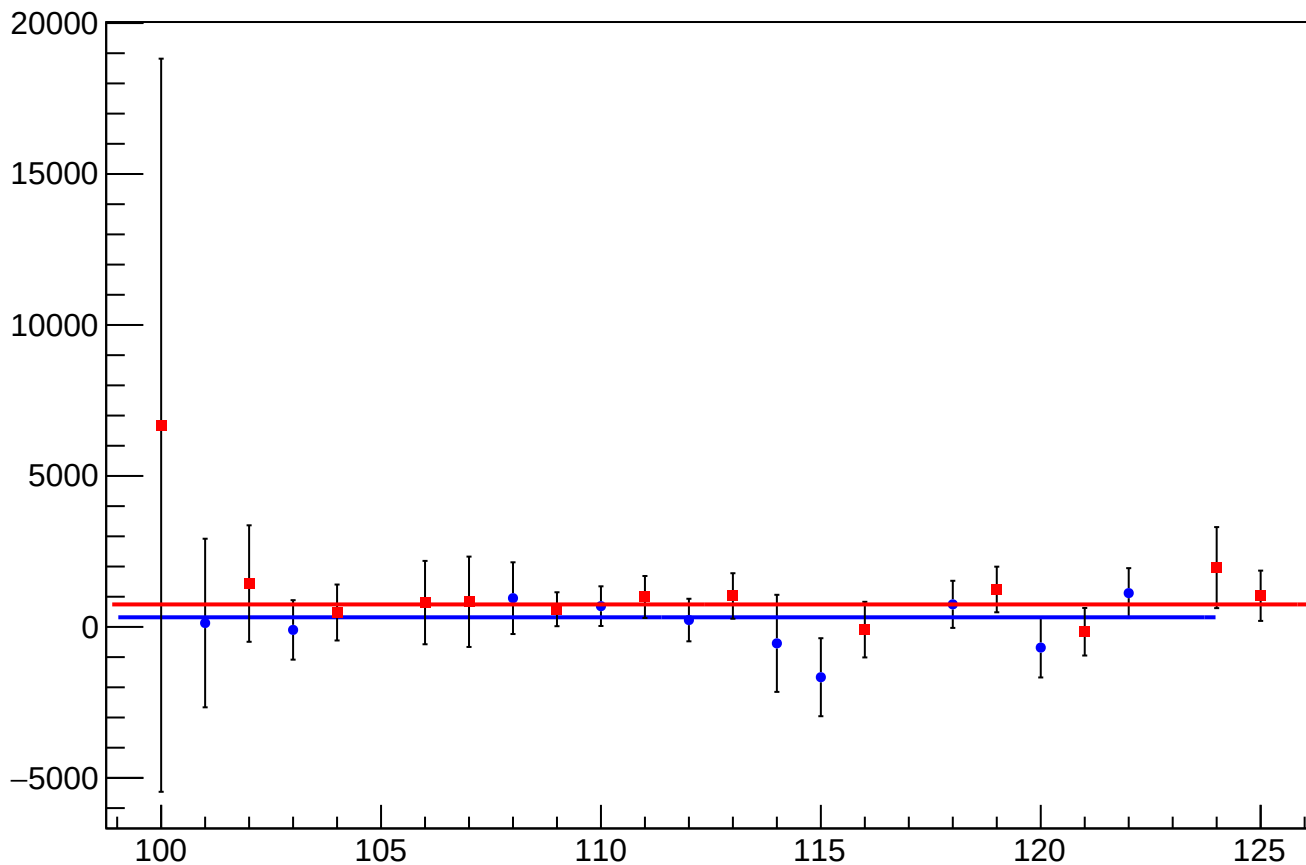
Right: 2811.407+/-0.681 χ^2/NDF : 888629.9/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2811.407+/-0.681 χ^2/NDF : 888629.9/22

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: 745.106+/-250.371 χ^2/NDF : 4.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

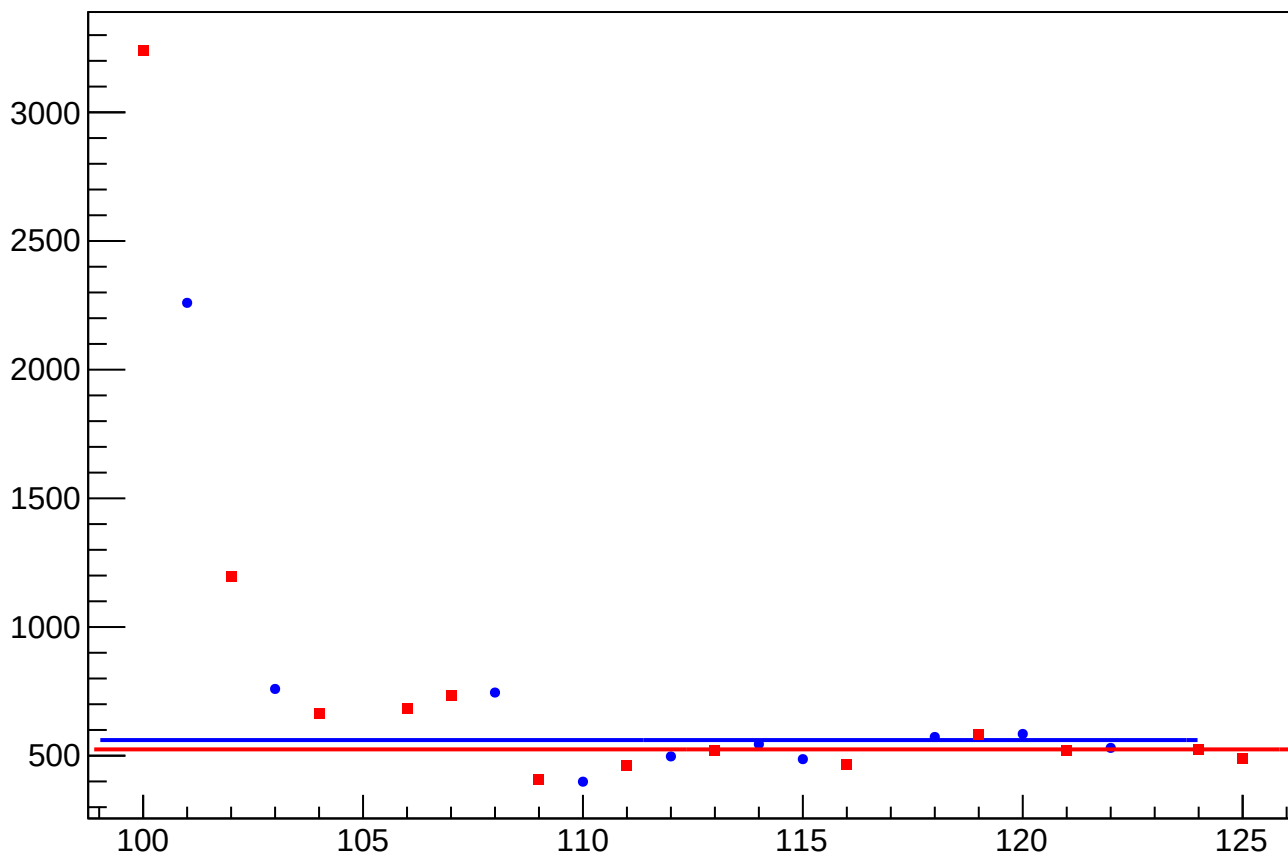
Right: 568.146+/-191.499 χ^2/NDF : 11.2/22

In: 318.681+/-297.269 χ^2/NDF : 5.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 568.146+/-191.499 χ^2/NDF : 11.2/22

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: 524.523+/-0.177 χ^2/NDF : 583646.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

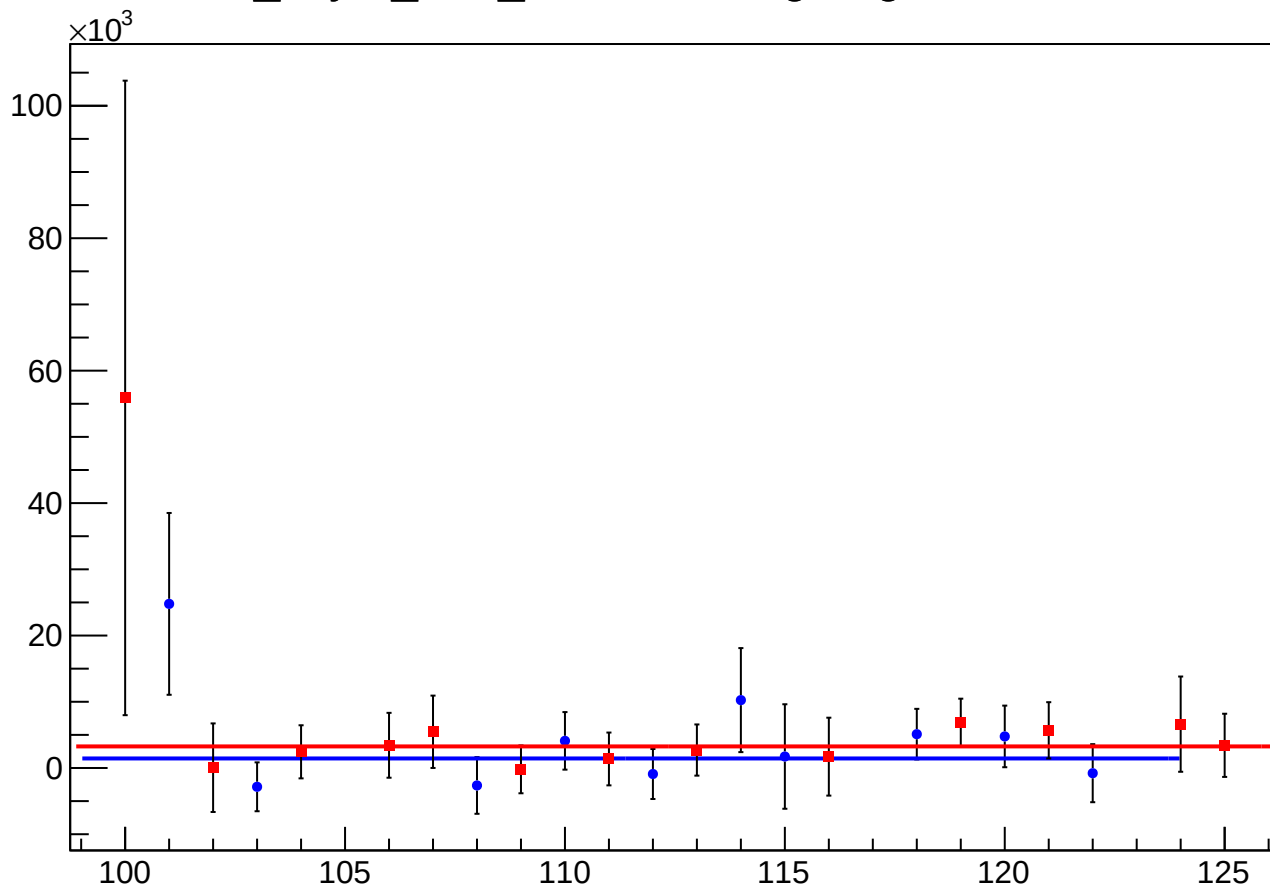
Right: 539.558+/-0.135 χ^2/NDF : 1620006.3/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 539.558+/-0.135 χ^2/NDF : 1620006.3/22

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1439.641 $\pm$ 1481.673 χ^2/NDF : 8.9/9

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

Right Out: 3259.084 $\pm$ 1300.331 χ^2/NDF : 4.4/12

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

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

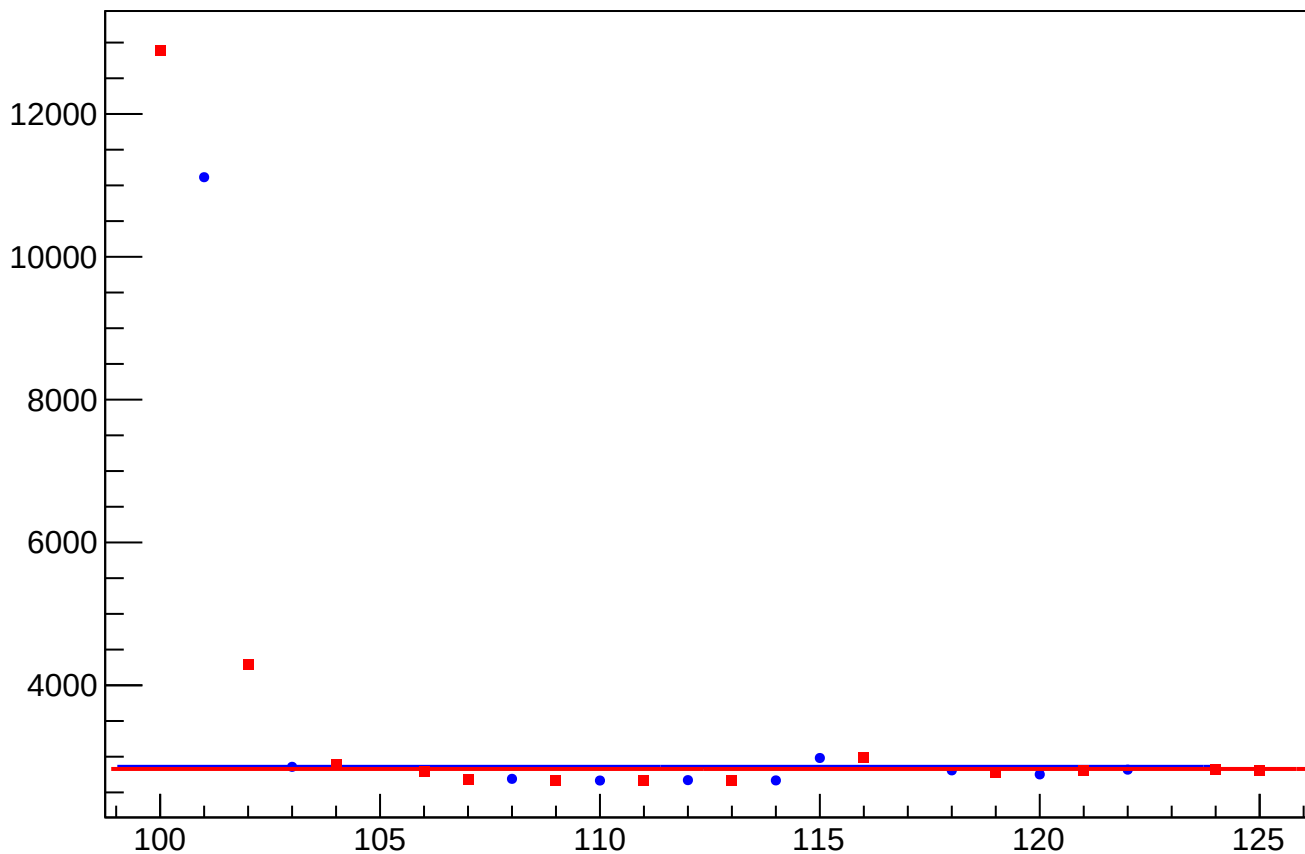
Right: 2467.459 $\pm$ 977.334 χ^2/NDF : 14.1/22

In: 1439.641 $\pm$ 1481.673 χ^2/NDF :8.9/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

All: 2467.459 $\pm$ 977.334 χ^2/NDF : 14.1/22

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: 2828.412+/-0.919 χ^2/NDF : 199208.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

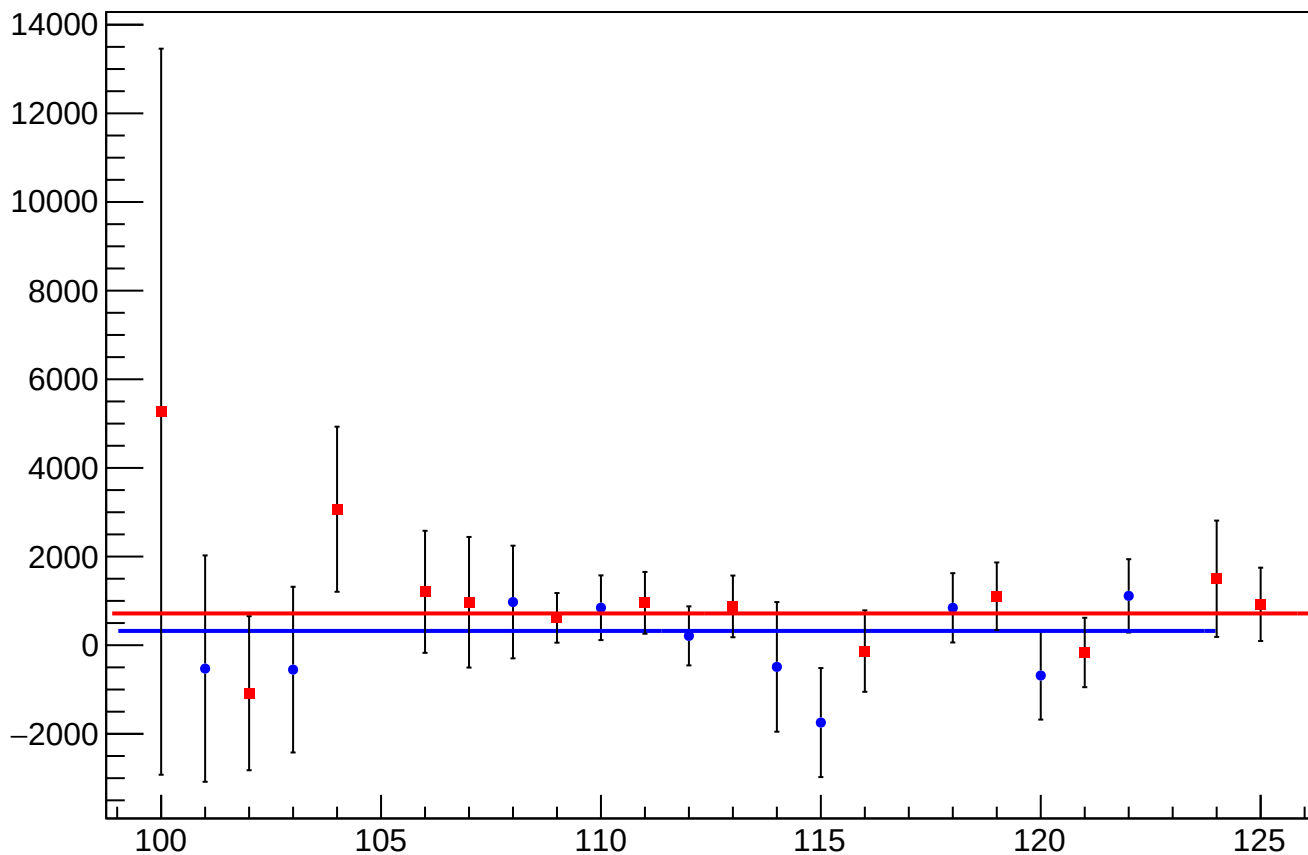
Right: 2841.338+/-0.691 χ^2/NDF : 938234.8/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2841.338+/-0.691 χ^2/NDF : 938234.8/22

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: 716.661+/-253.930 χ^2/NDF : 6.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

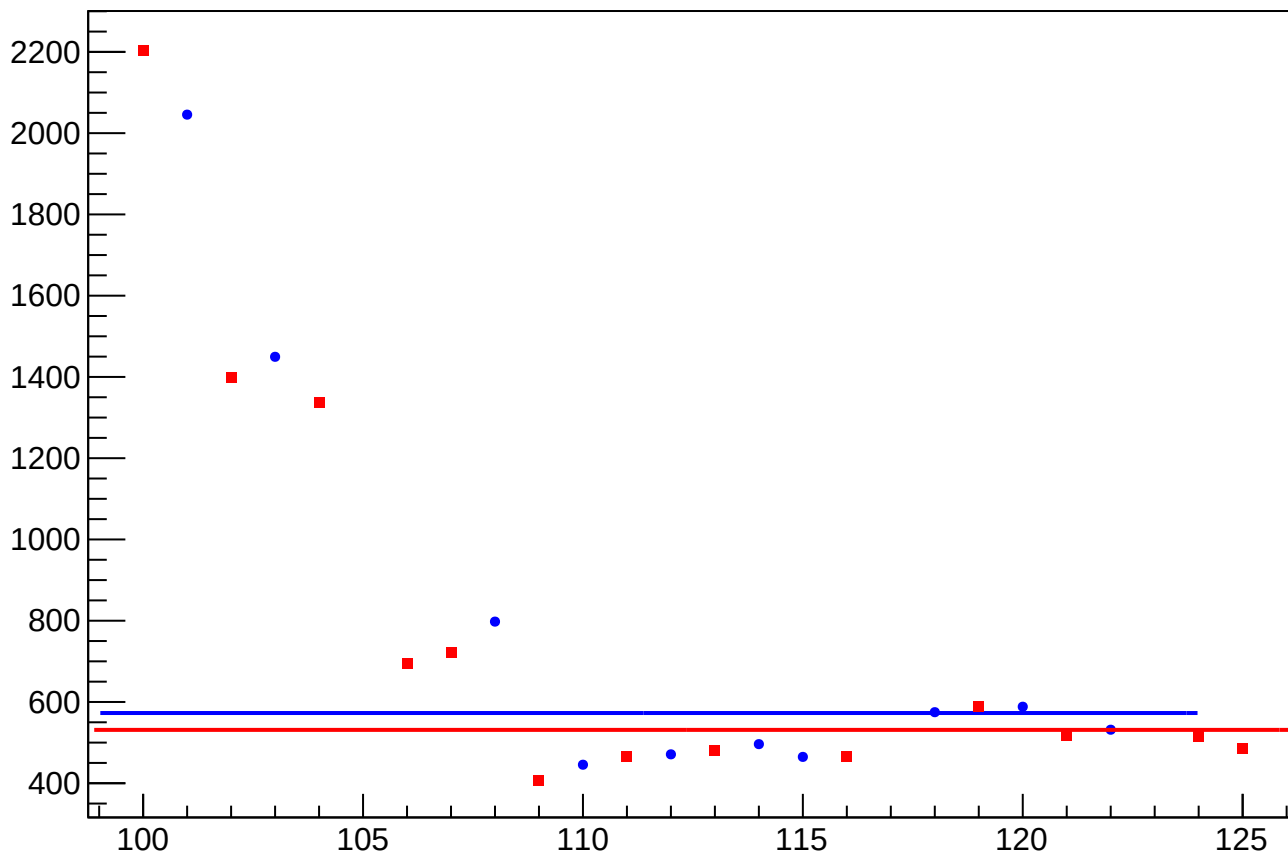
Right: 558.129+/-196.374 χ^2/NDF : 13.7/22

In: 322.250+/-309.743 χ^2/NDF :6.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 558.129+/-196.374 χ^2/NDF : 13.7/22

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: 531.311+/-0.180 χ^2/NDF : 1173728.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

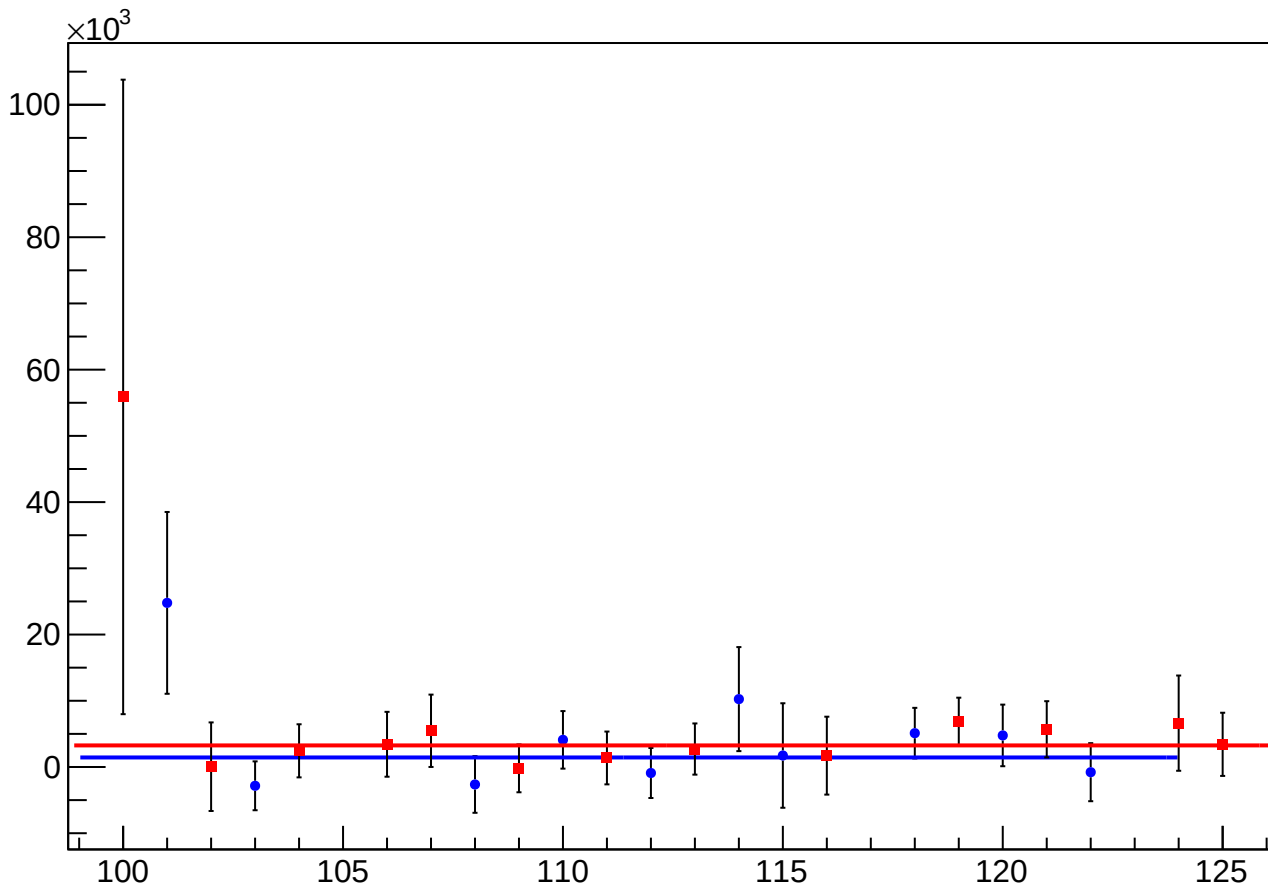
Right: 547.995+/-0.139 χ^2/NDF : 2496481.0/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 547.995+/-0.139 χ^2/NDF : 2496481.0/22

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: 3259.083+/-1300.331 χ^2/NDF : 4.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

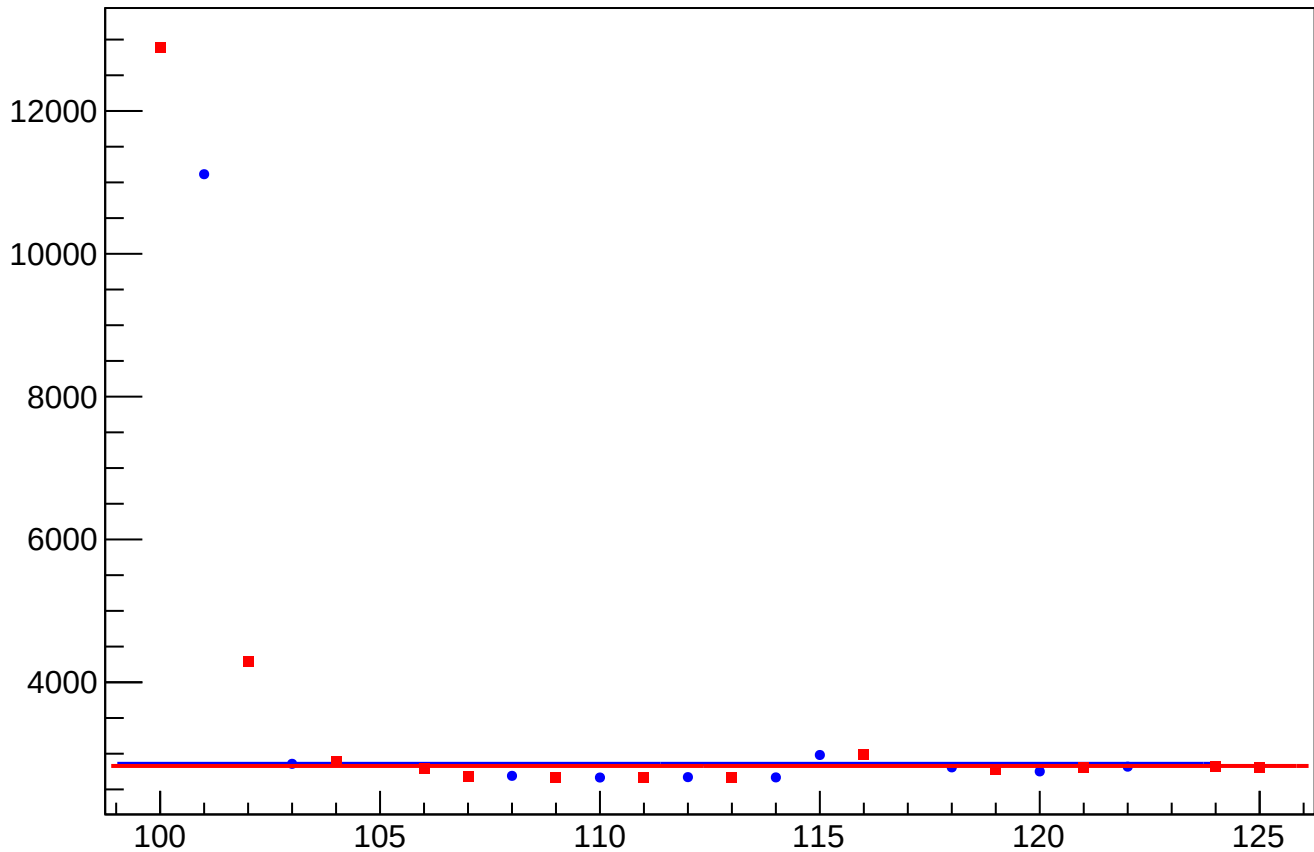
Right: 2467.458+/-977.334 χ^2/NDF : 14.1/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2467.458+/-977.334 χ^2/NDF : 14.1/22

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: 2828.412+/-0.919 χ^2/NDF : 199208.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

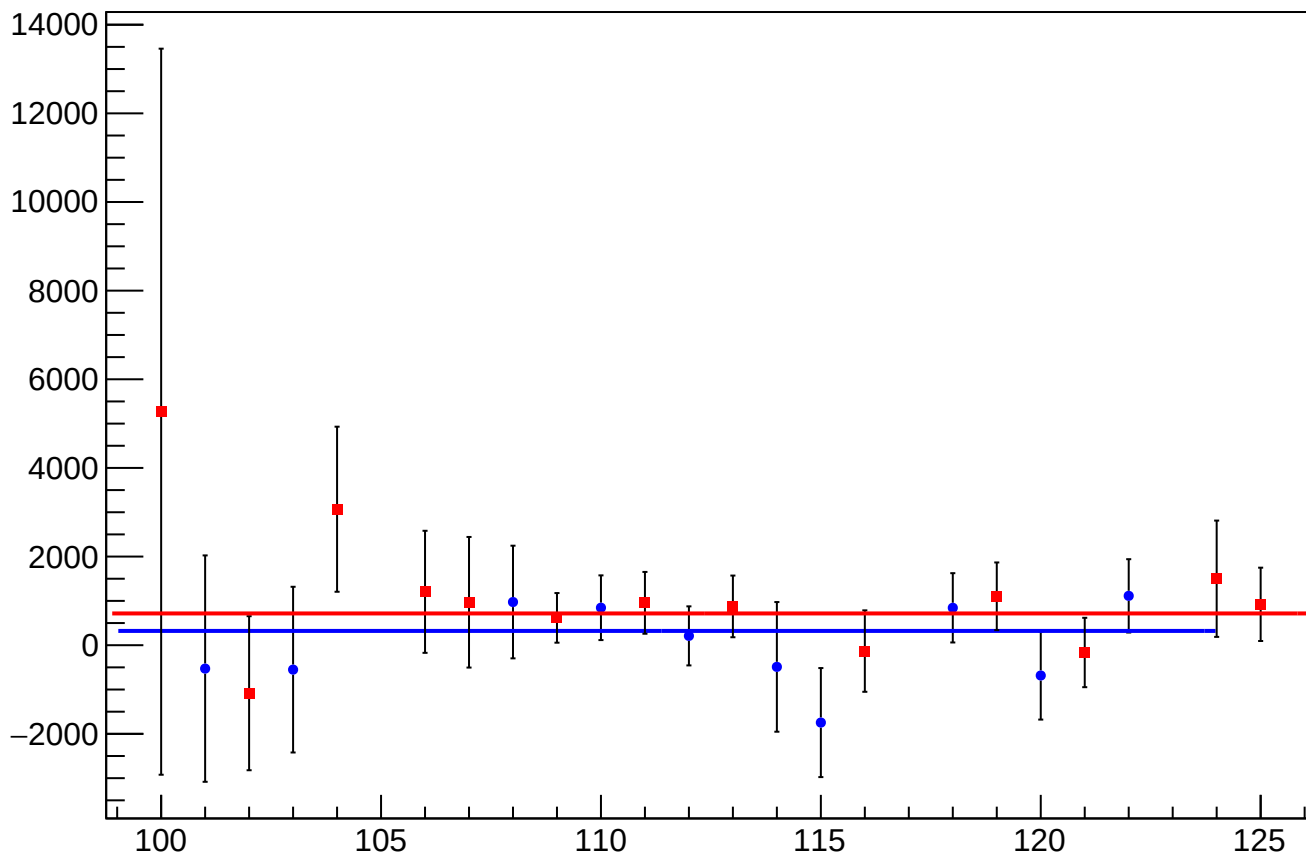
Right: 2841.338+/-0.691 χ^2/NDF : 938234.6/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2841.338+/-0.691 χ^2/NDF : 938234.6/22

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: 716.661+/-253.930 χ^2/NDF : 6.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

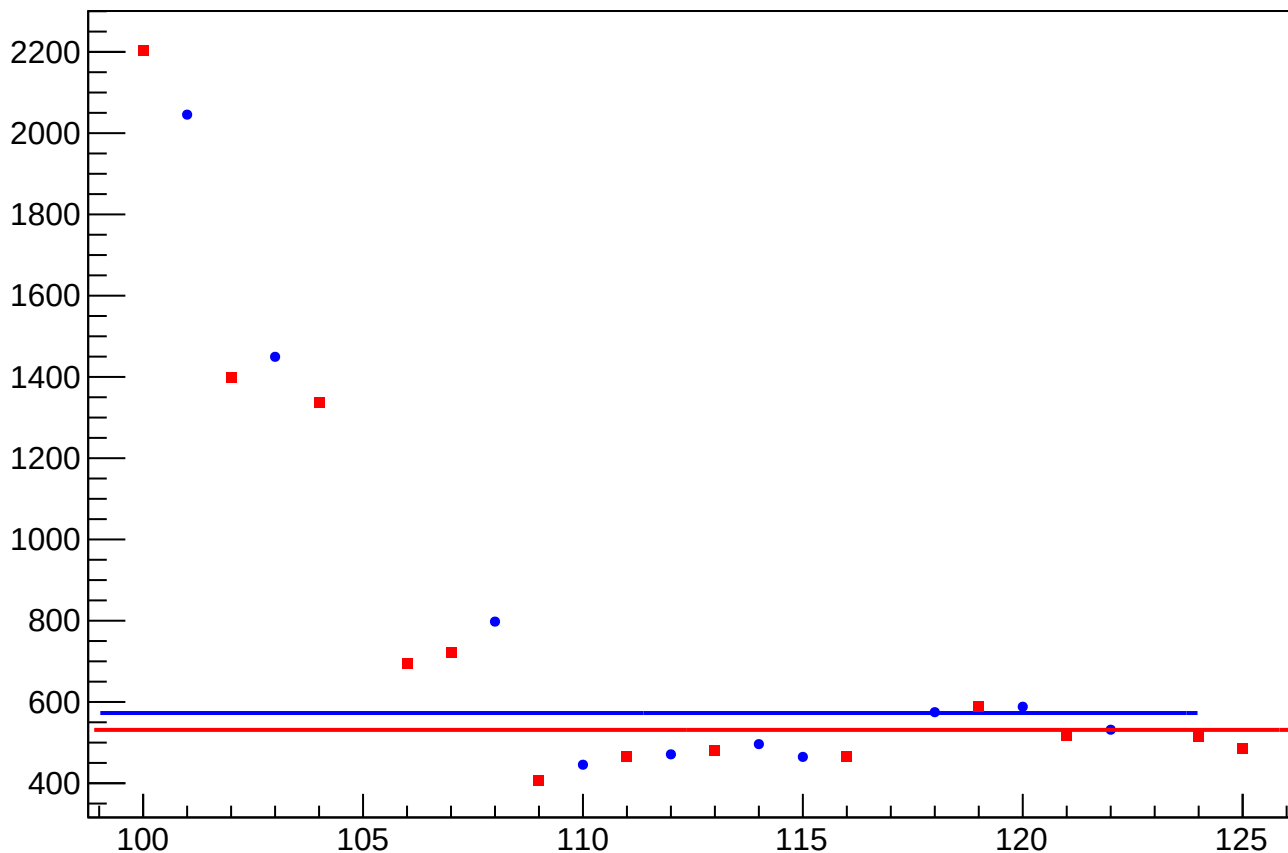
Right: 558.130+/-196.374 χ^2/NDF : 13.7/22

In: 322.251+/-309.743 χ^2/NDF :6.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 558.130+/-196.374 χ^2/NDF : 13.7/22

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: 531.311+/-0.180 χ^2/NDF : 1173724.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

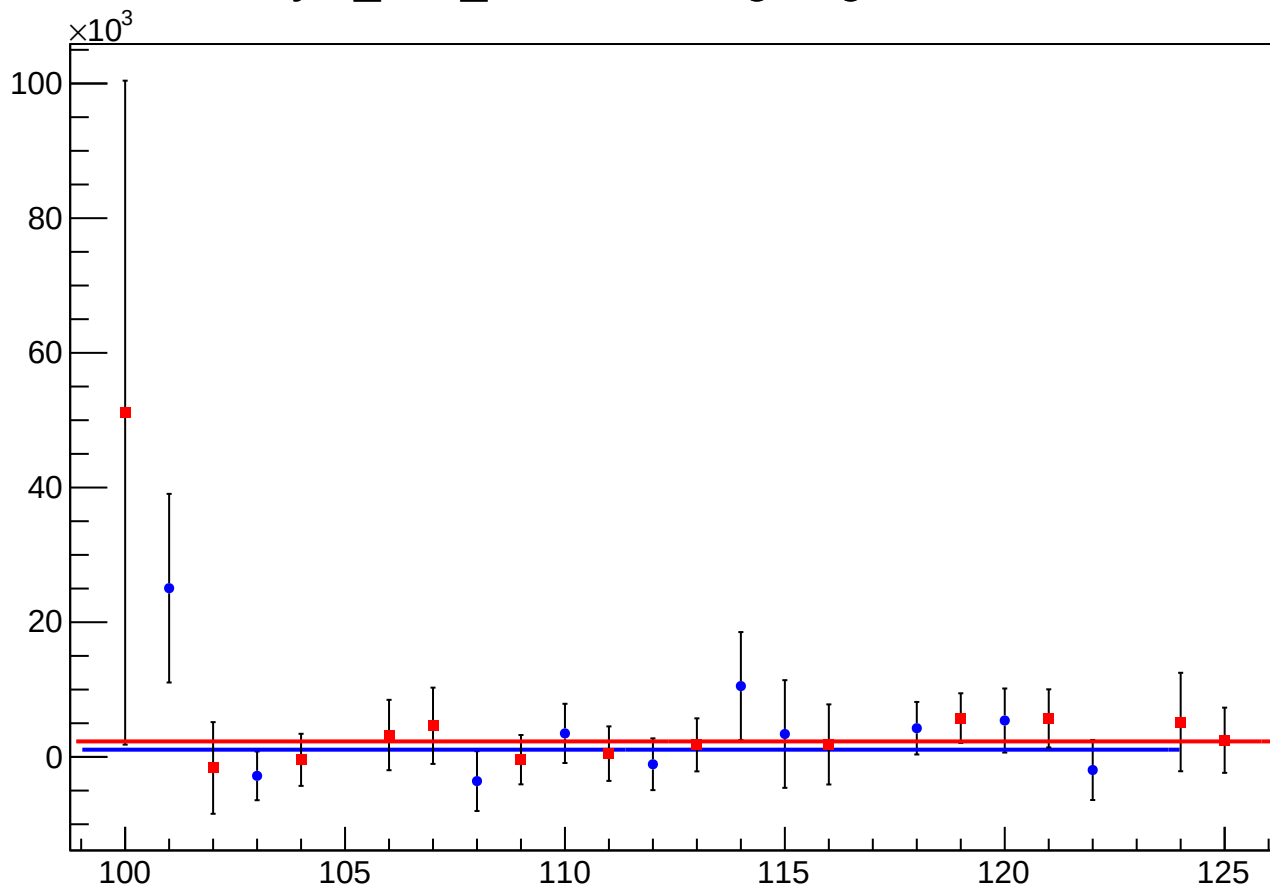
Right: 547.995+/-0.139 χ^2/NDF : 2496471.0/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 547.995+/-0.139 χ^2/NDF : 2496471.0/22

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: 2301.932+/-1319.996 χ^2/NDF : 4.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

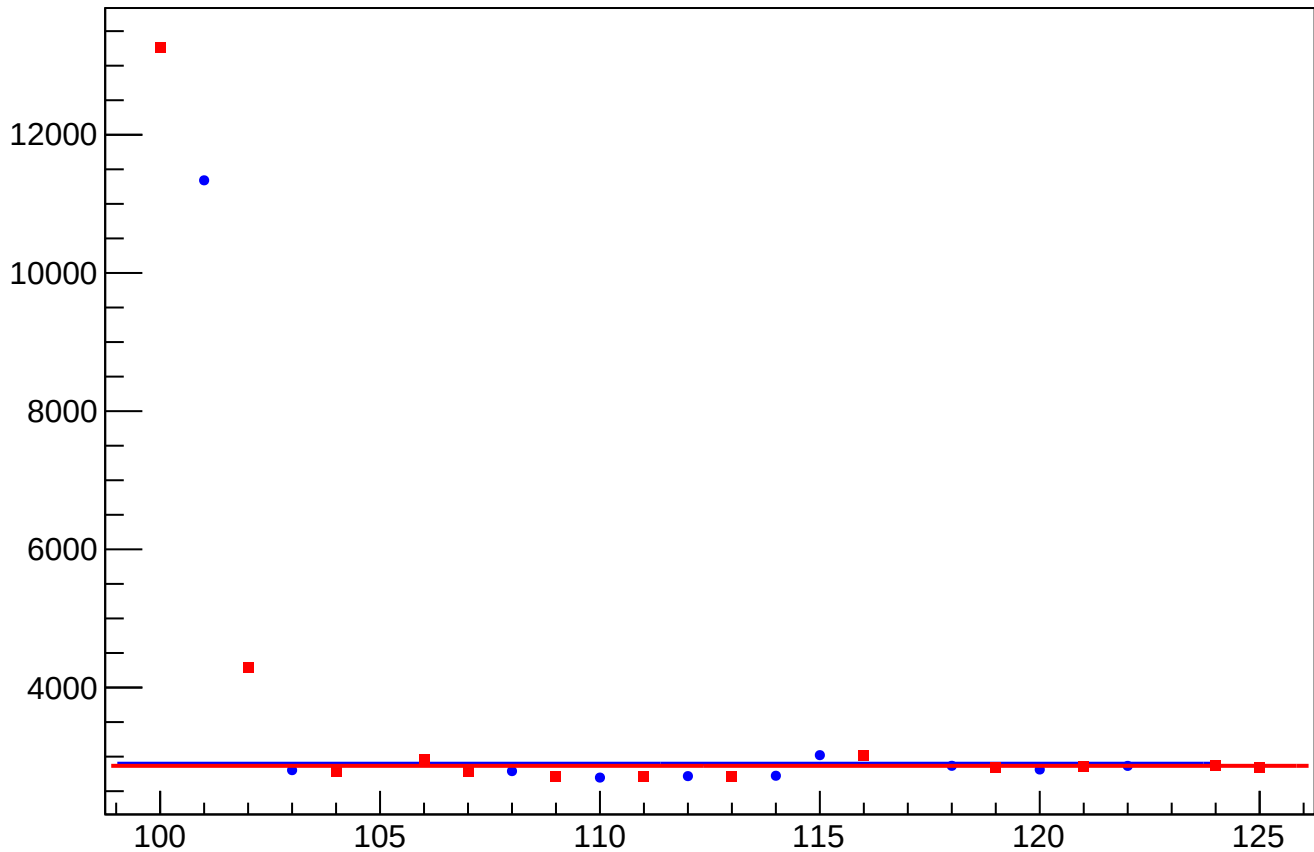
Right: 1766.720+/-991.529 χ^2/NDF : 14.1/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1766.720+/-991.529 χ^2/NDF : 14.1/22

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: 2866.867+/-0.933 χ^2/NDF : 190219.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

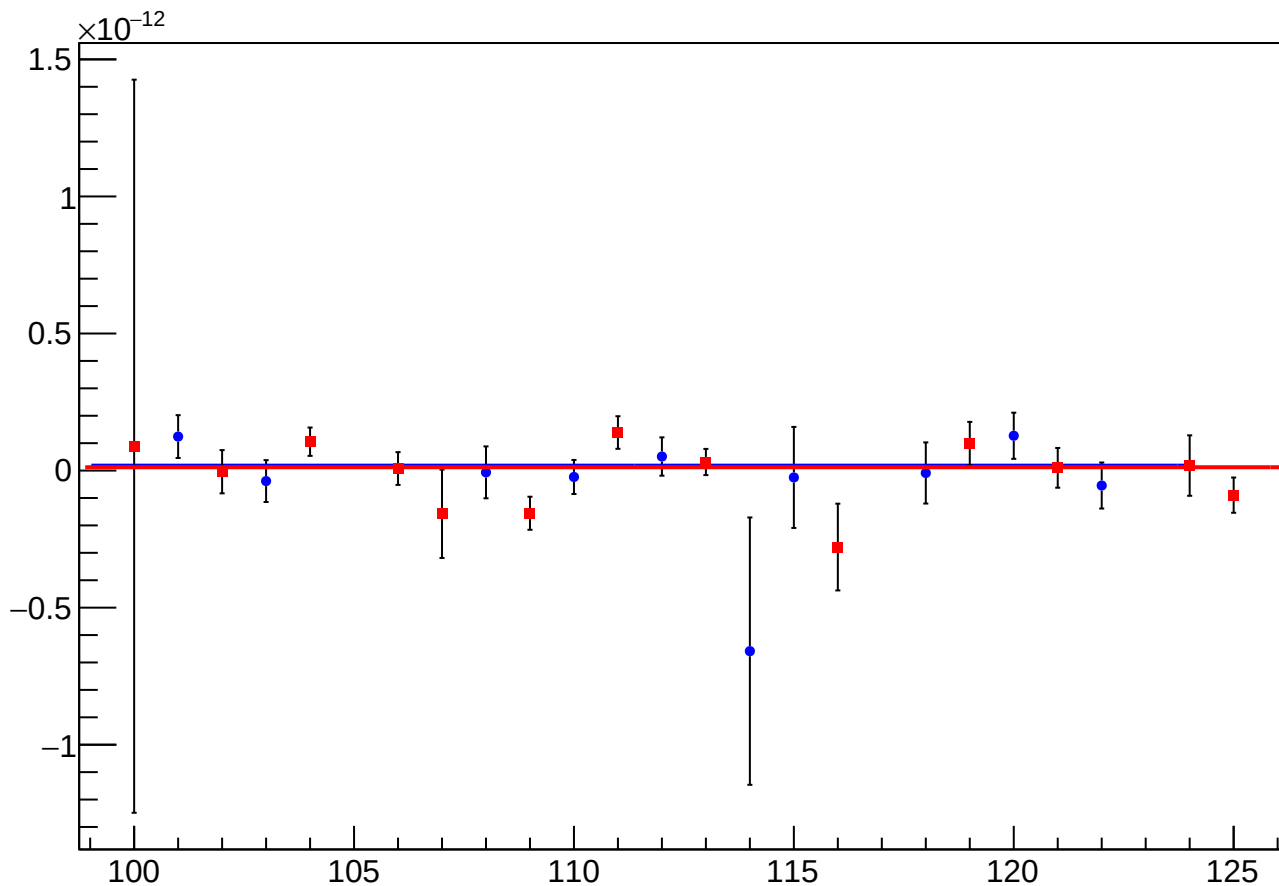
Right: 2880.114+/-0.701 χ^2/NDF : 930858.4/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2880.114+/-0.701 χ^2/NDF : 930858.4/22

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 : 24.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

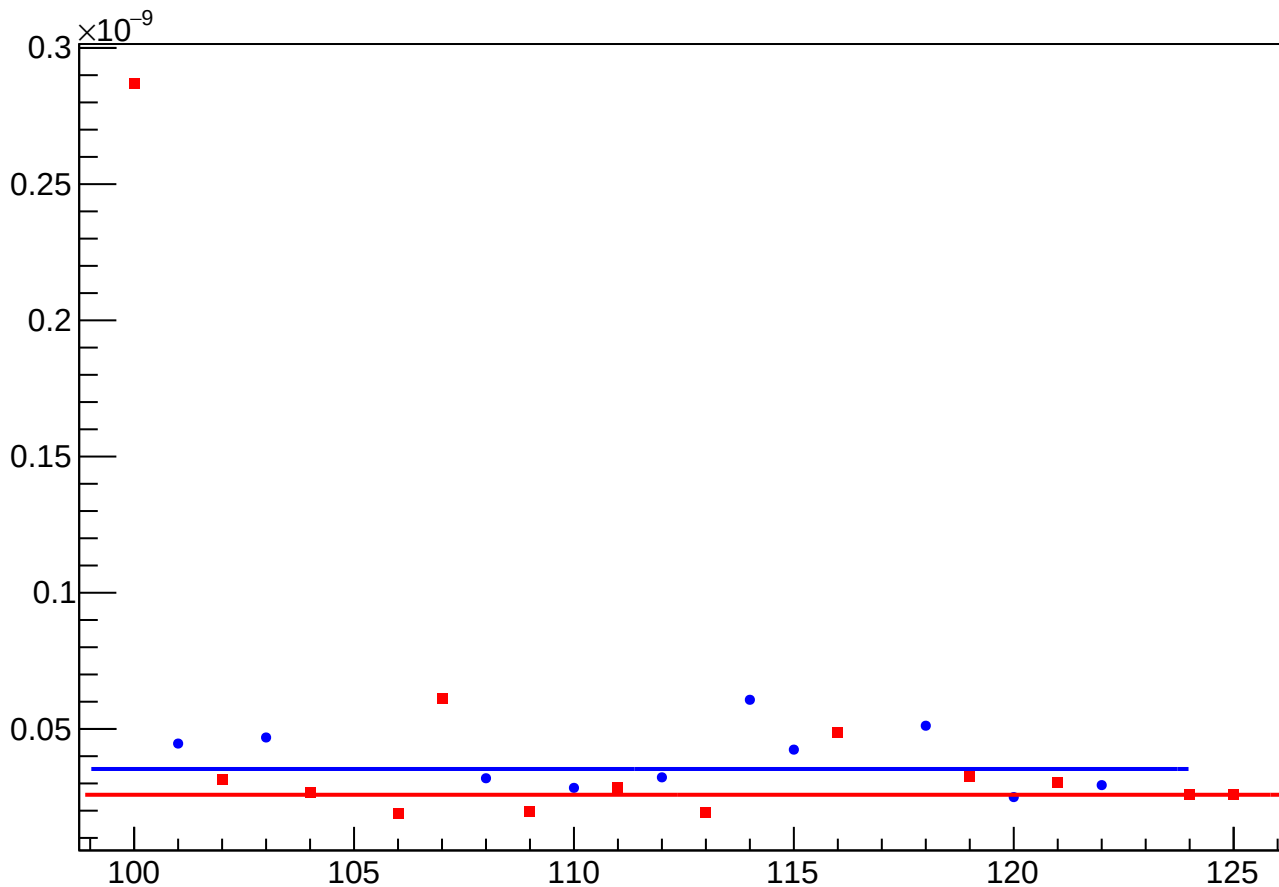
Right: 0.000+/-0.000 χ^2/NDF : 31.6/22

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 : 31.6/22

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 : 334999.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

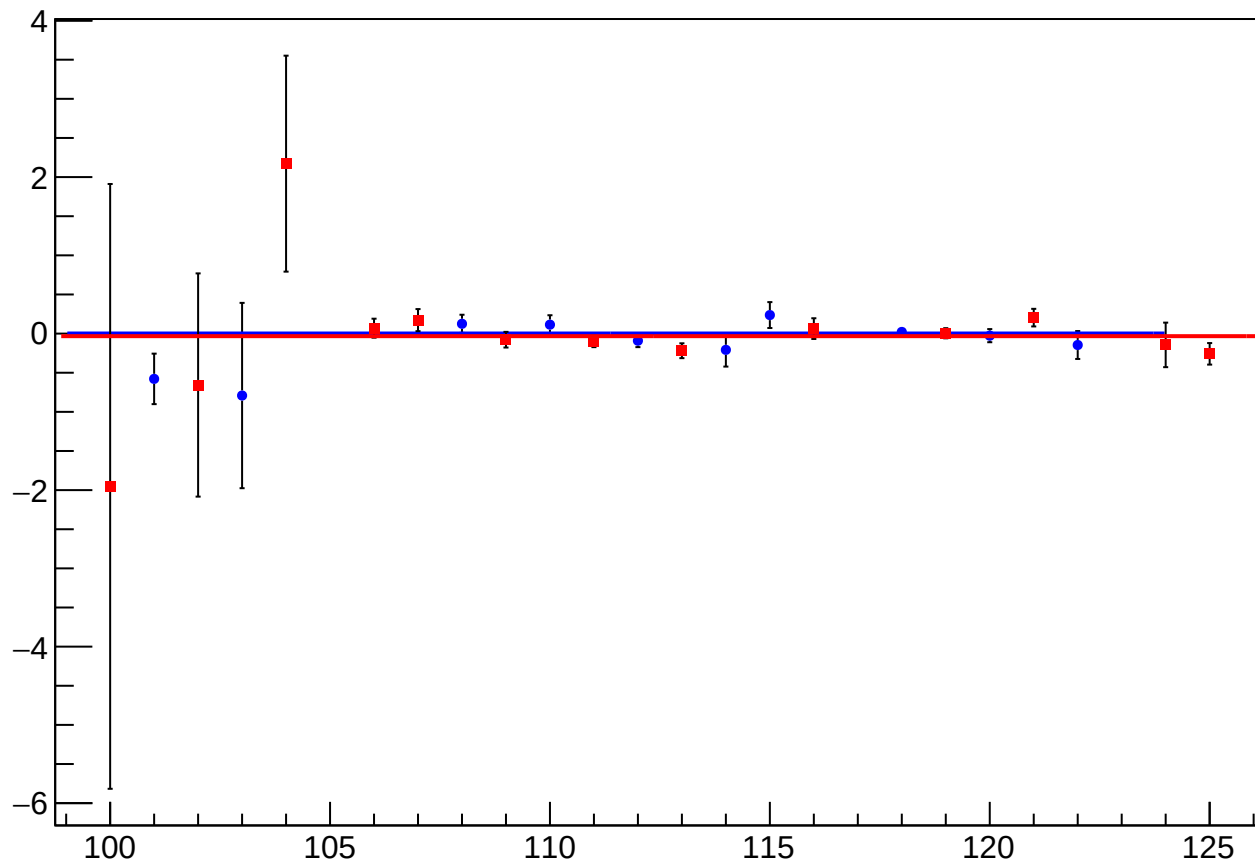
Right: 0.000+/-0.000 χ^2/NDF : 685056.8/22

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 : 685056.8/22

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: -0.033+/-0.032 χ^2/NDF : 18.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

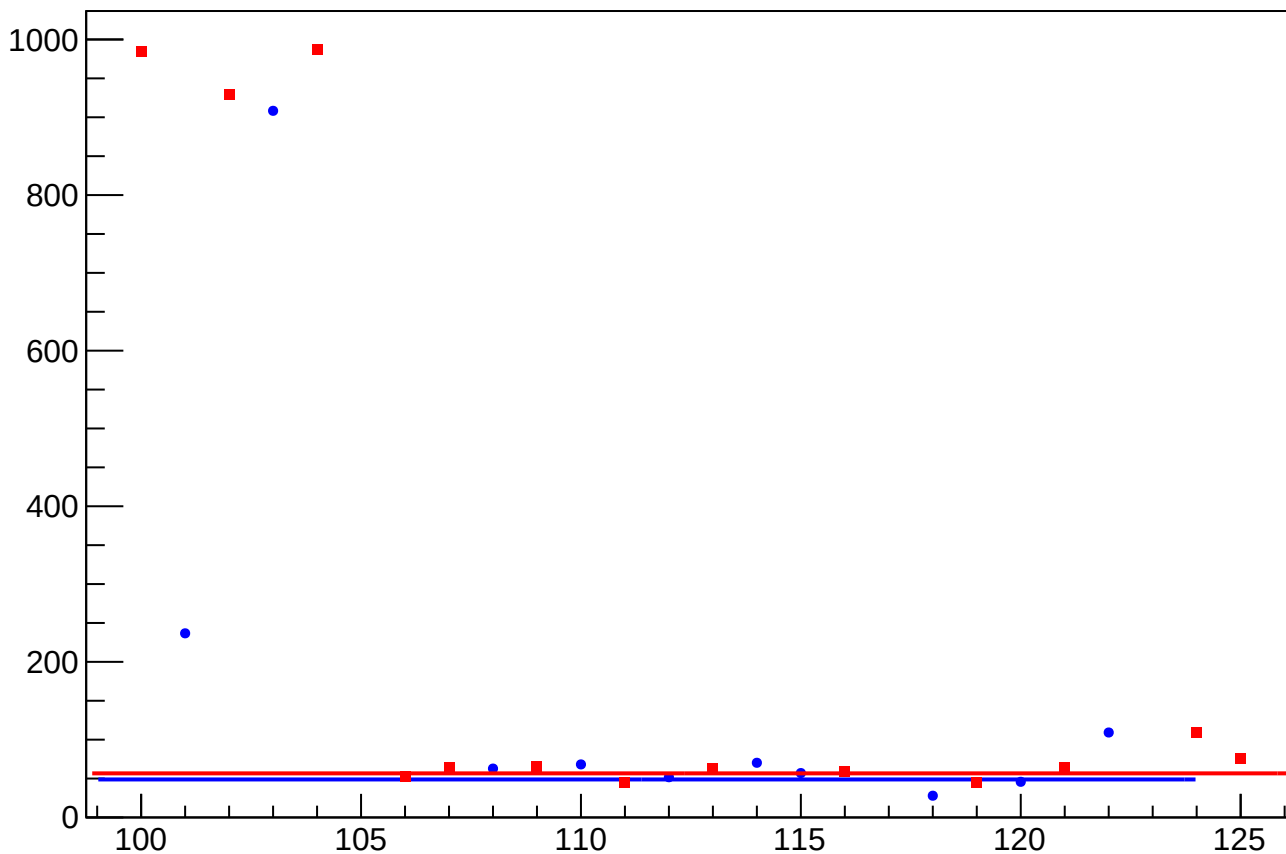
Right: -0.016+/-0.023 χ^2/NDF : 30.3/22

In: 0.001+/-0.034 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.023 χ^2/NDF : 30.3/22

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: 56.671+/-0.023 χ^2/NDF : 2048143.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

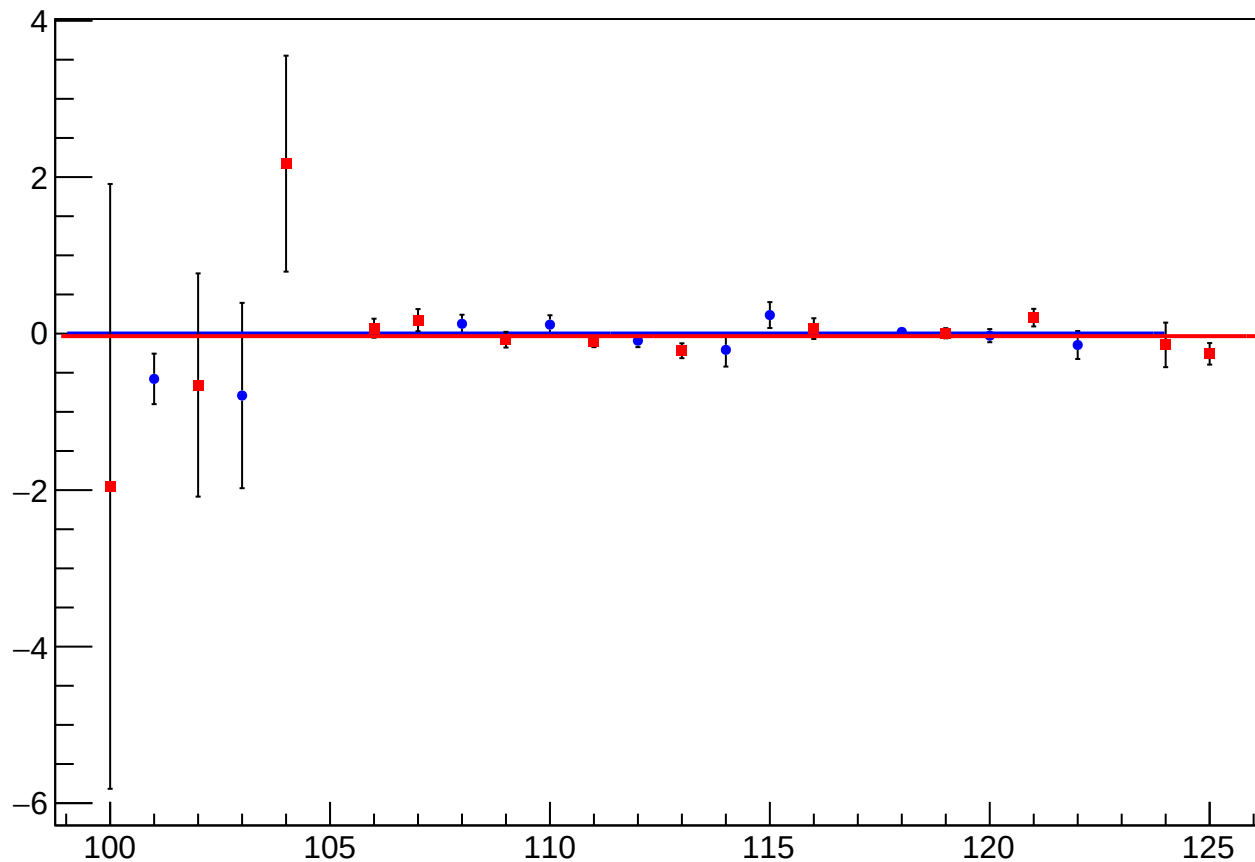
Right: 52.898+/-0.016 χ^2/NDF : 4488018.4/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.898+/-0.016 χ^2/NDF : 4488018.4/22

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: -0.033+/-0.032 χ^2/NDF : 18.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

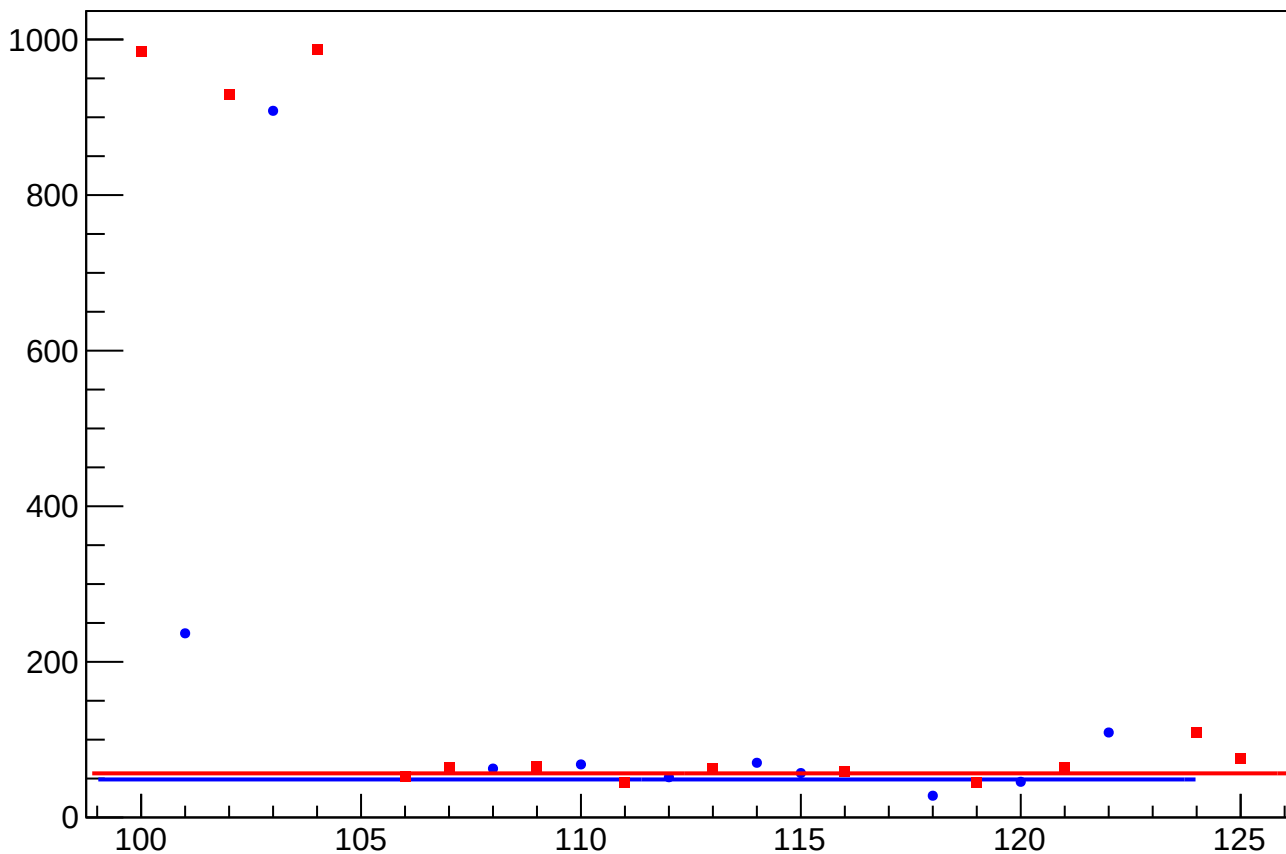
Right: -0.016+/-0.023 χ^2/NDF : 30.3/22

In: 0.001+/-0.034 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.023 χ^2/NDF : 30.3/22

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: 56.671+/-0.023 χ^2/NDF : 2048143.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

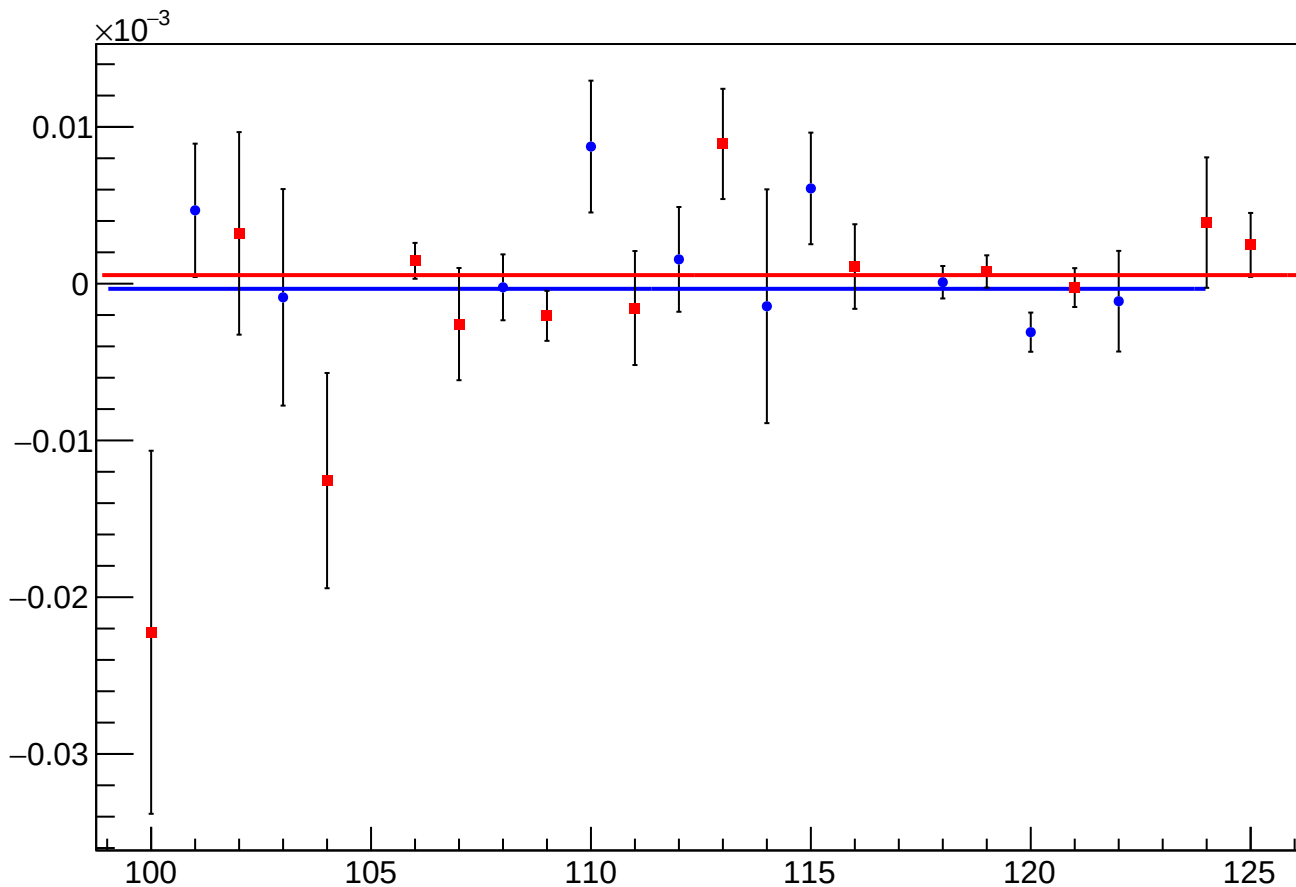
Right: 52.898+/-0.016 χ^2/NDF : 4488018.4/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.898+/-0.016 χ^2/NDF : 4488018.4/22

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 : 19.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

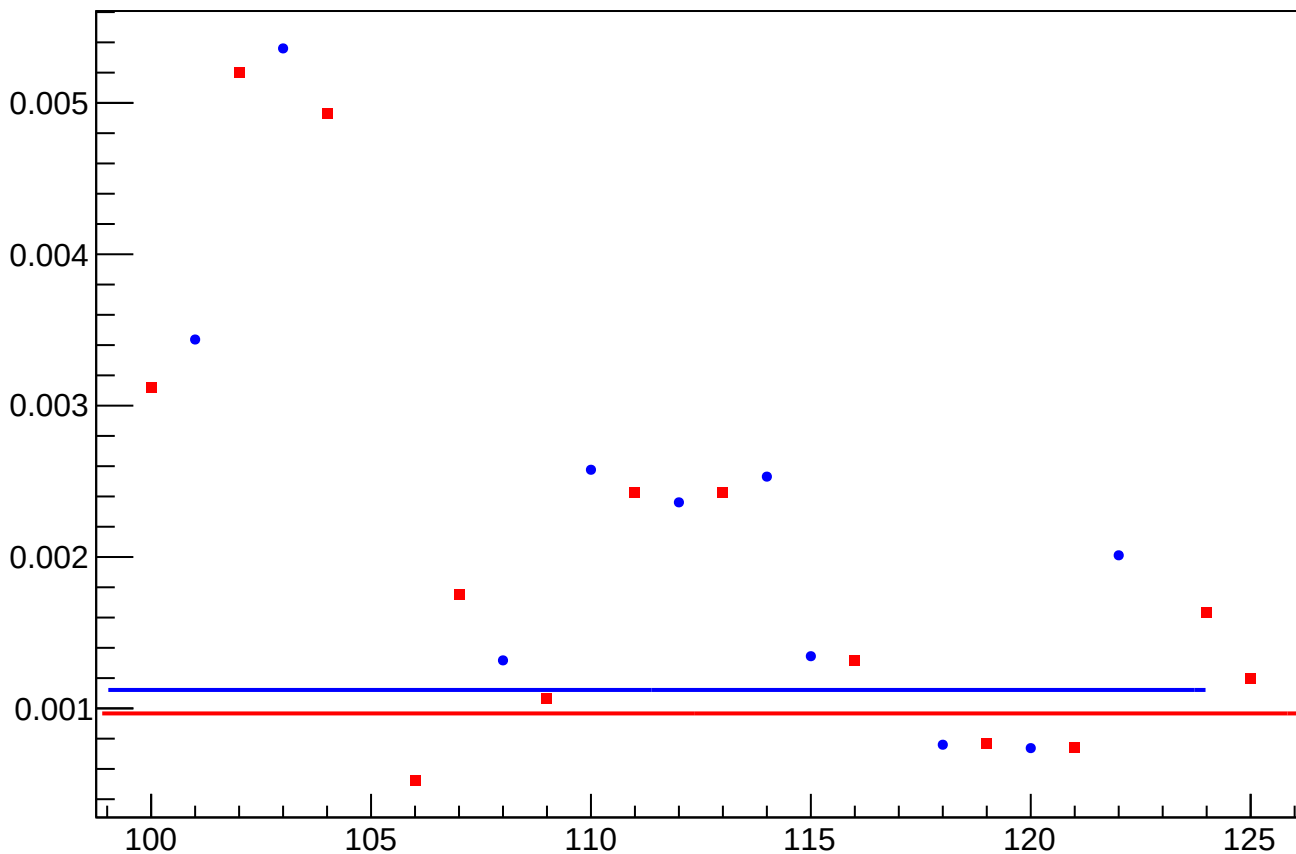
Right: 0.000+/-0.000 χ^2/NDF : 35.6/22

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 : 35.6/22

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 : 2915963.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

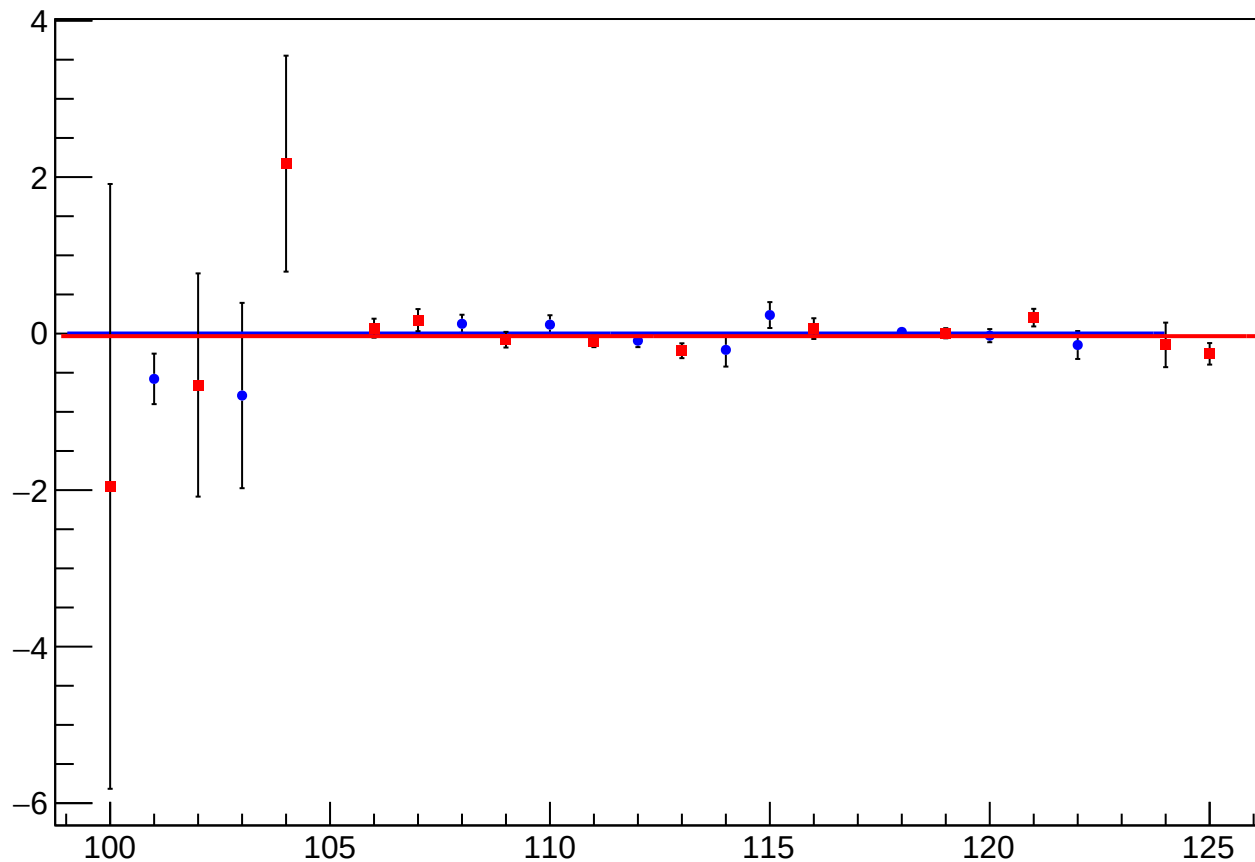
Right: 0.001+/-0.000 χ^2/NDF : 5525496.8/22

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 : 5525496.8/22

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: -0.033+/-0.032 χ^2/NDF : 18.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

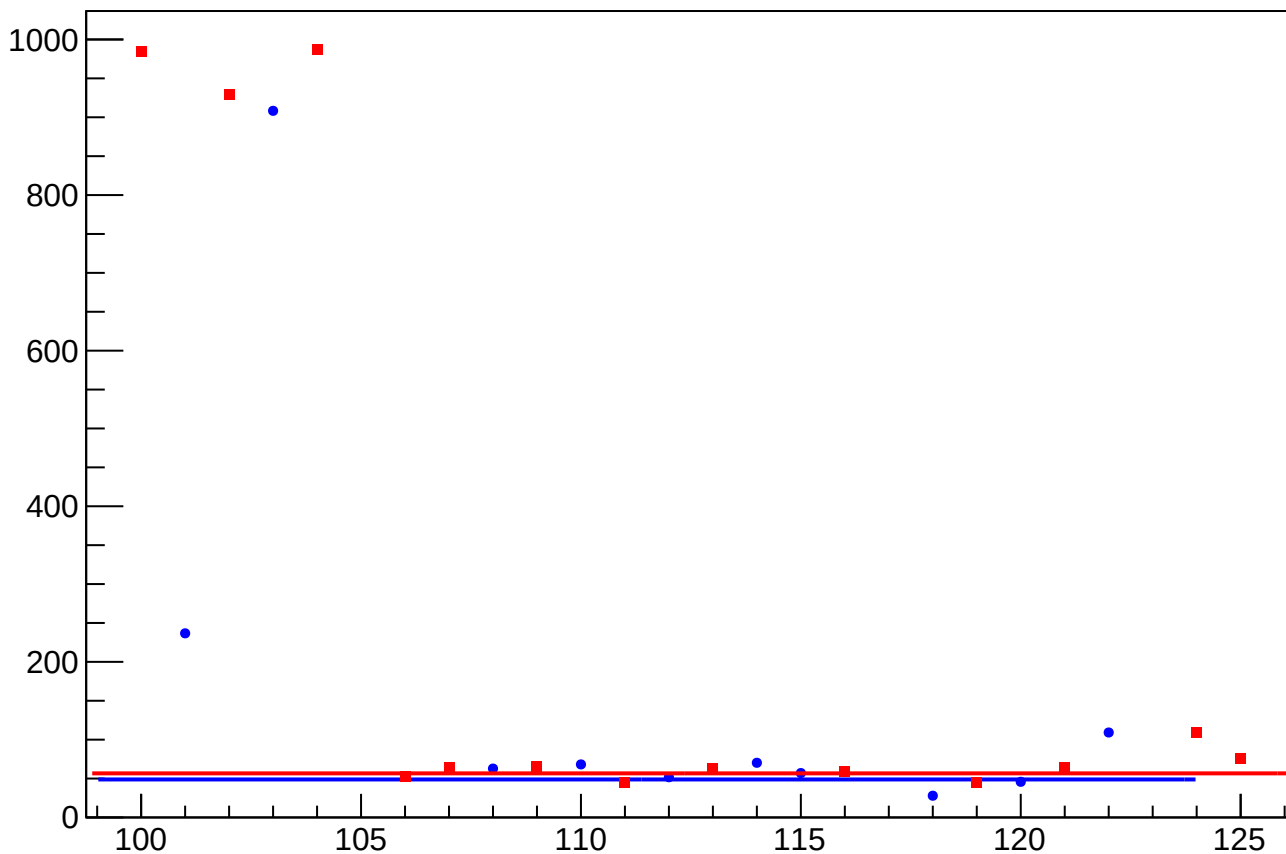
Right: -0.016+/-0.023 χ^2/NDF : 30.3/22

In: 0.001+/-0.034 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.023 χ^2/NDF : 30.3/22

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: 56.671+/-0.023 χ^2/NDF : 2048139.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

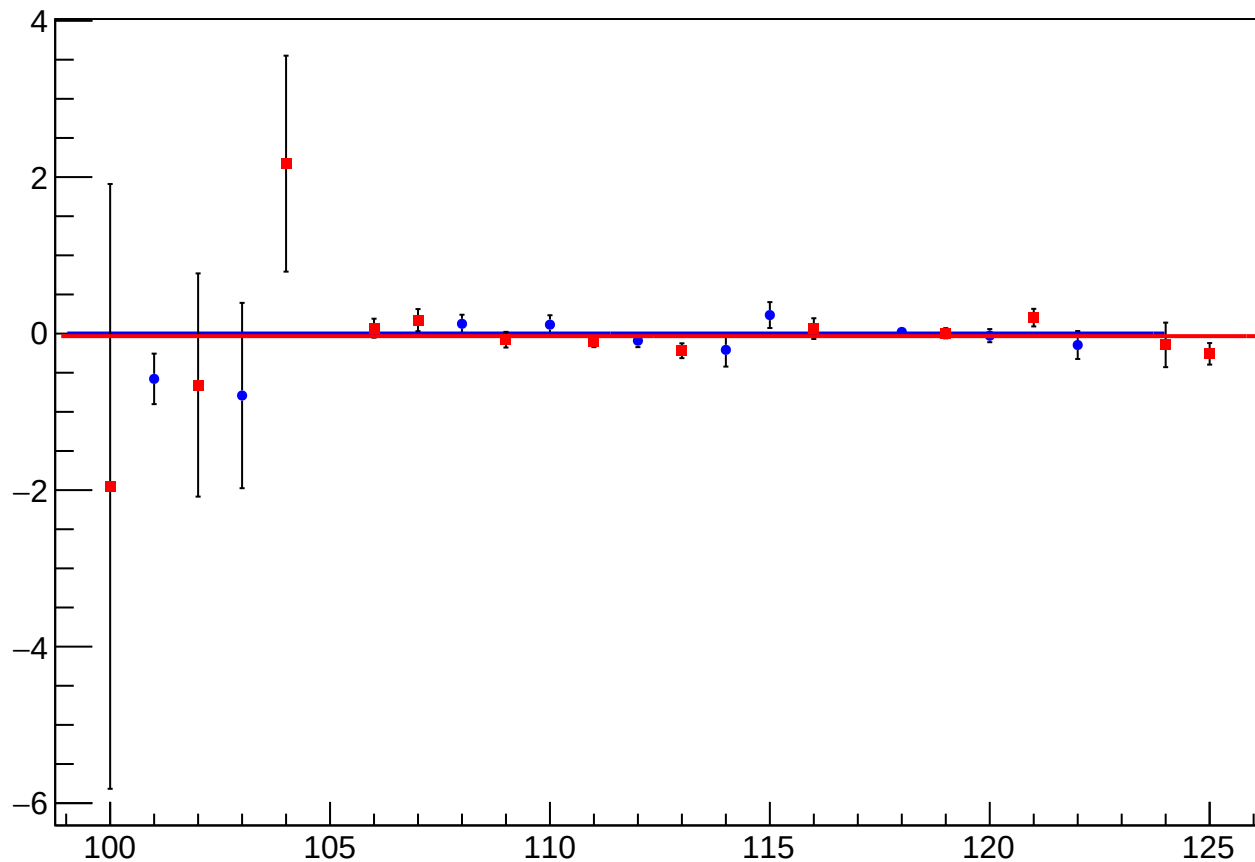
Right: 52.897+/-0.016 χ^2/NDF : 4488075.8/22

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 52.897+/-0.016 χ^2/NDF : 4488075.8/22

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: -0.033+/-0.032 χ^2/NDF : 18.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

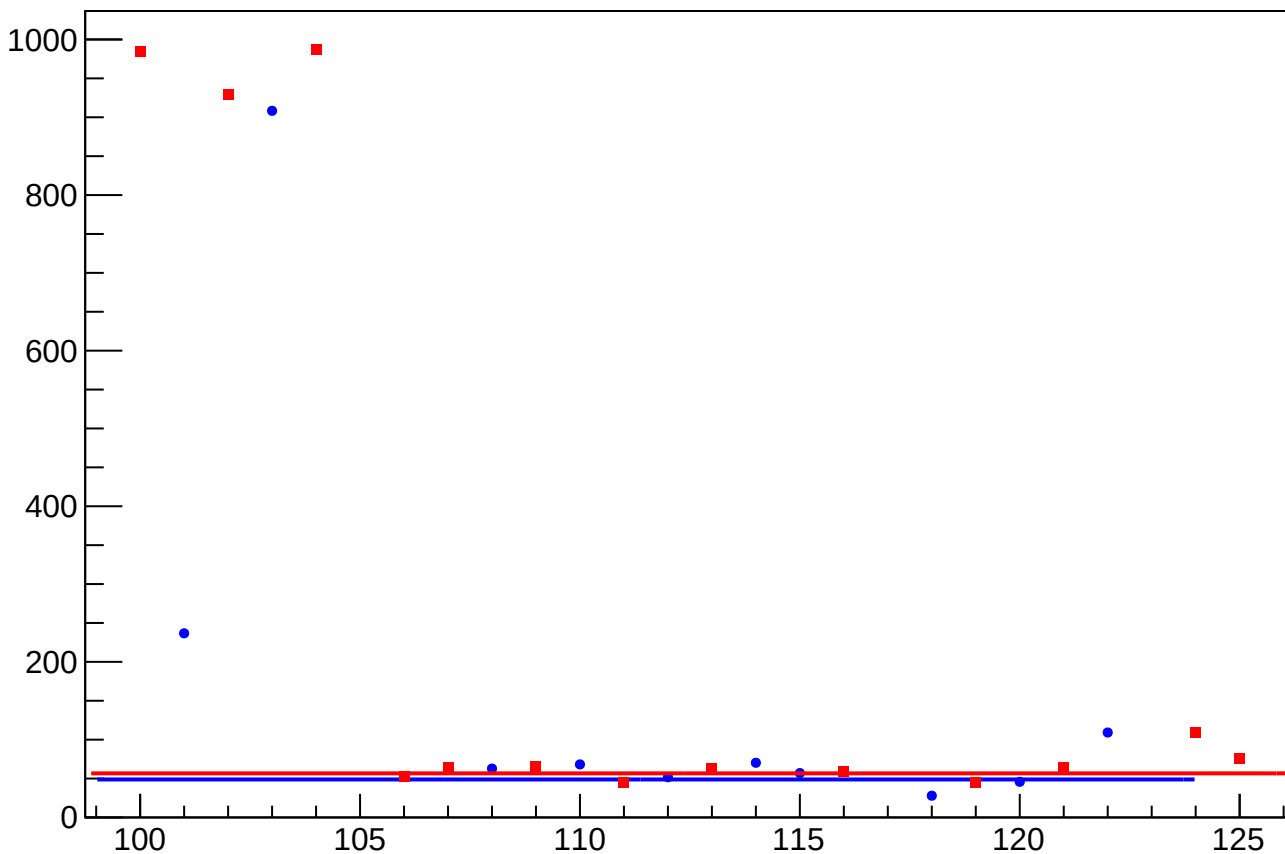
Right: -0.016+/-0.023 χ^2/NDF : 30.3/22

In: 0.001+/-0.034 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.023 χ^2/NDF : 30.3/22

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: 56.671+/-0.023 χ^2/NDF : 2048139.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

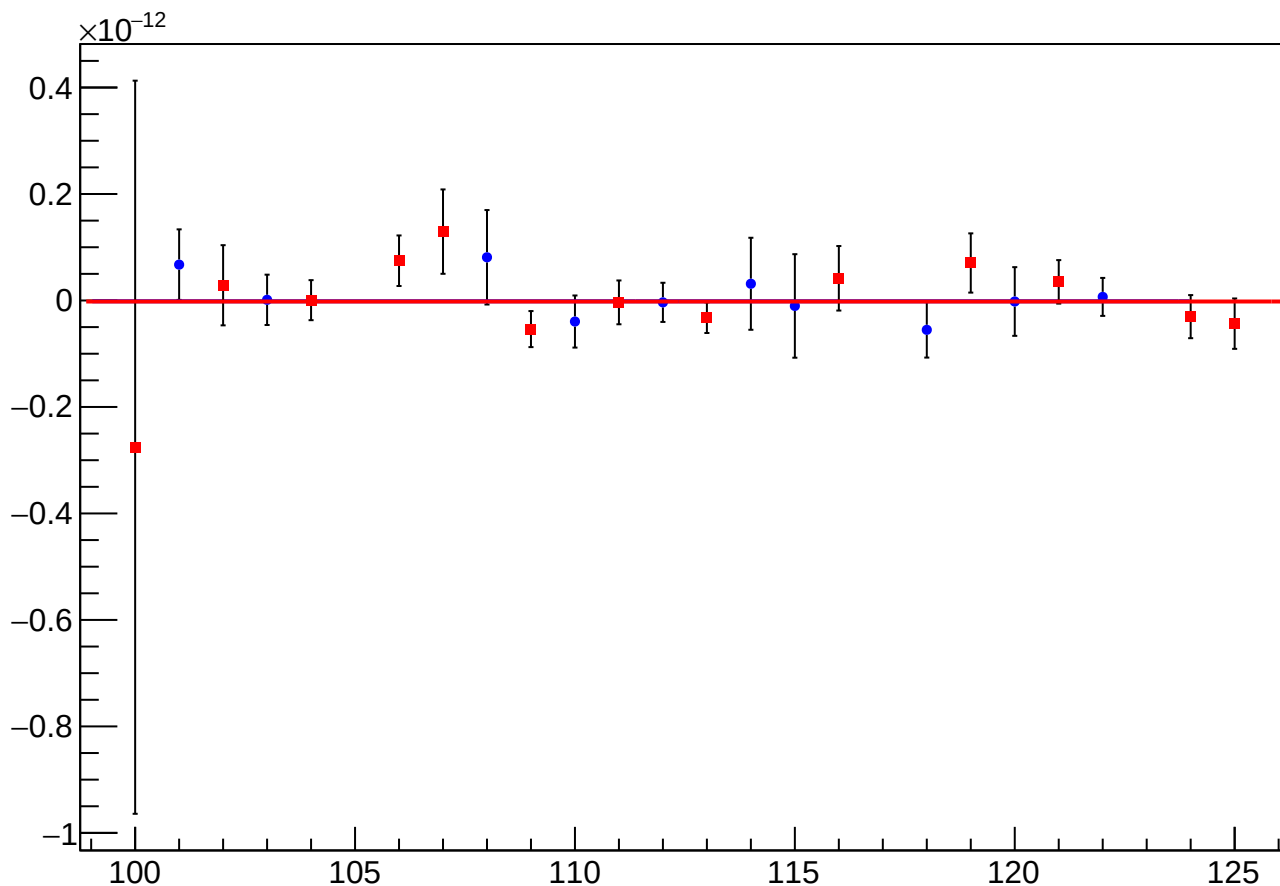
Right: 52.897+/-0.016 χ^2/NDF : 4488075.8/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.897+/-0.016 χ^2/NDF : 4488075.8/22

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 : 13.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

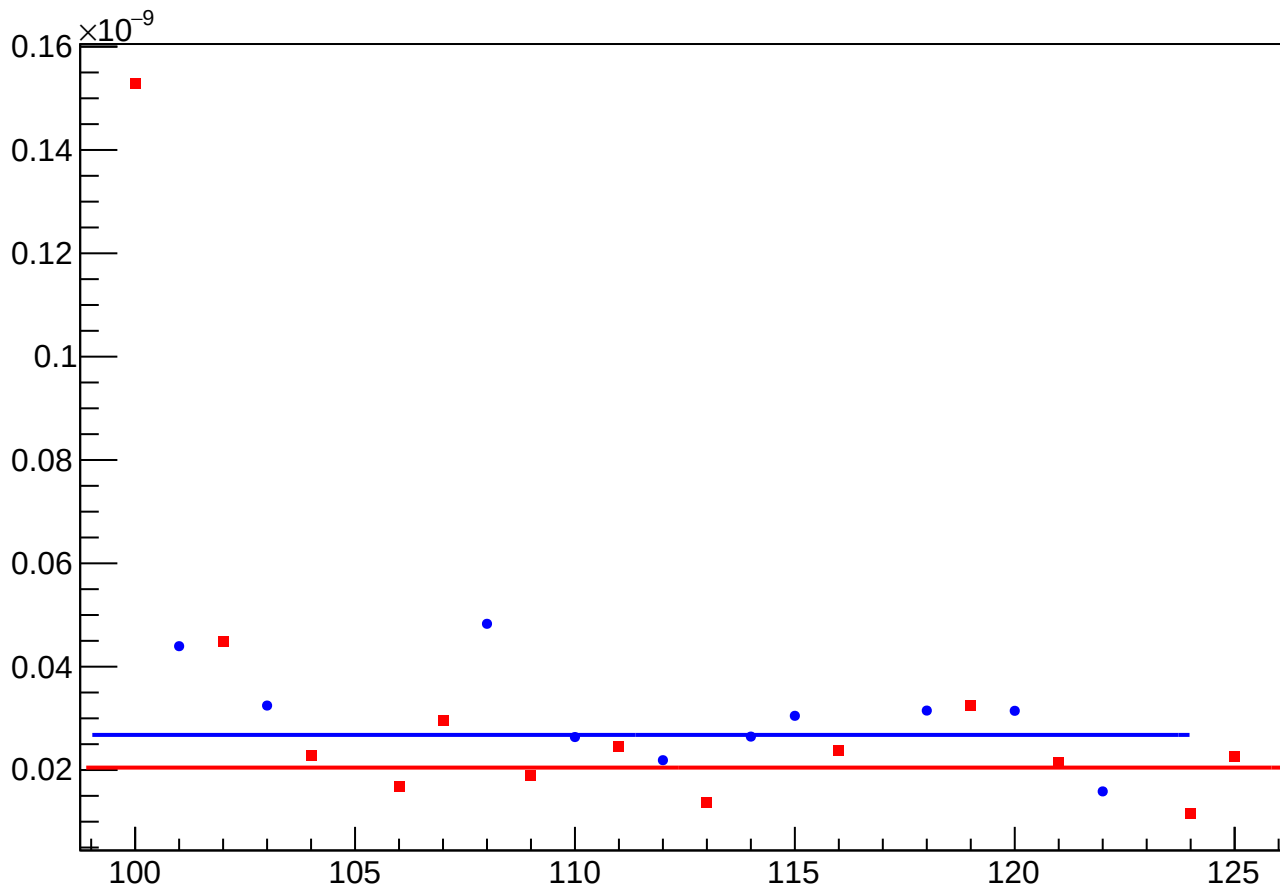
Right: -0.000+/-0.000 χ^2/NDF : 17.2/22

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 : 17.2/22

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 : 662852.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

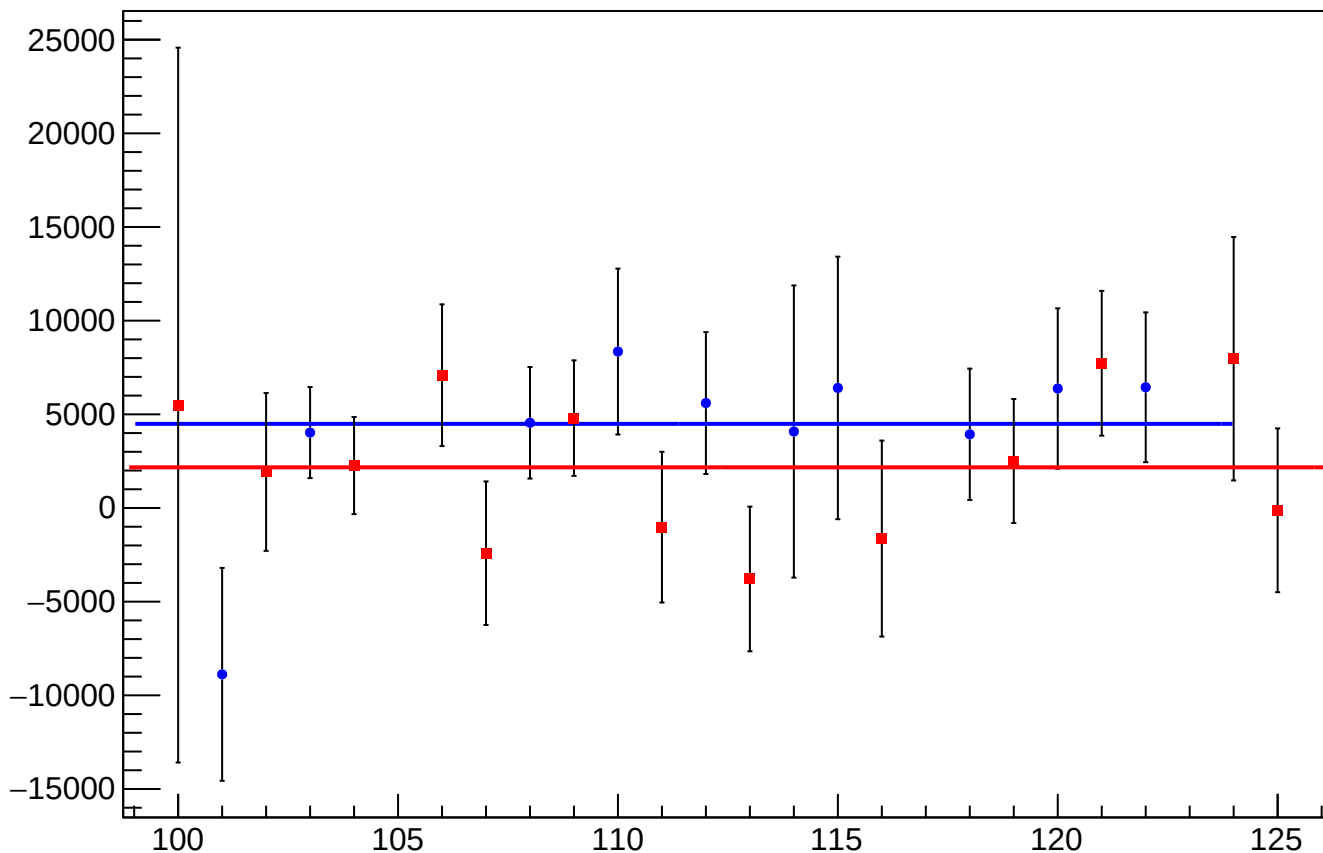
Right: 0.000+/-0.000 χ^2/NDF : 1381151.1/22

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 : 1381151.1/22

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: 2171.847+/-1084.333 χ^2/NDF : 10.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

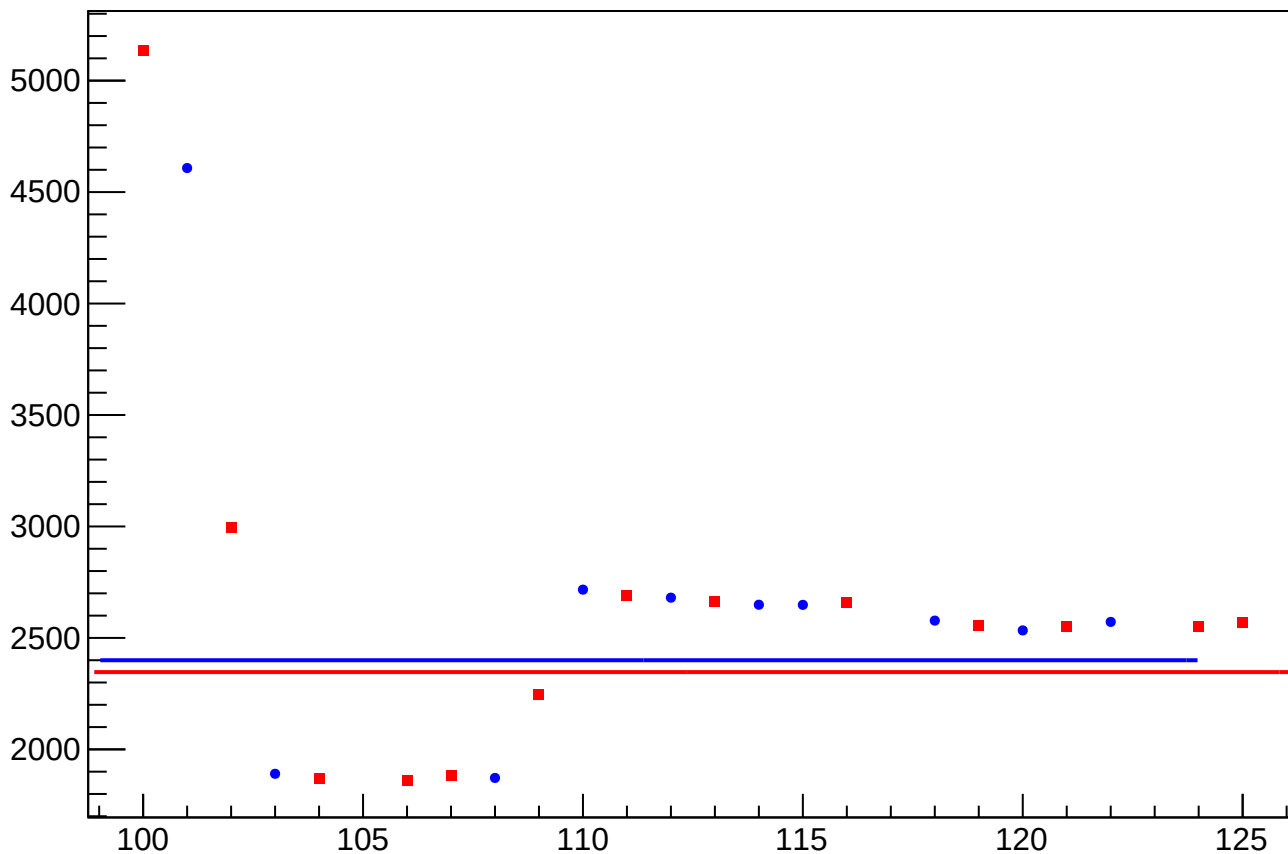
Right: 3193.069+/-811.264 χ^2/NDF : 19.5/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3193.069+/-811.264 χ^2/NDF : 19.5/22

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: 2346.674+/-0.767 χ^2/NDF : 279130.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

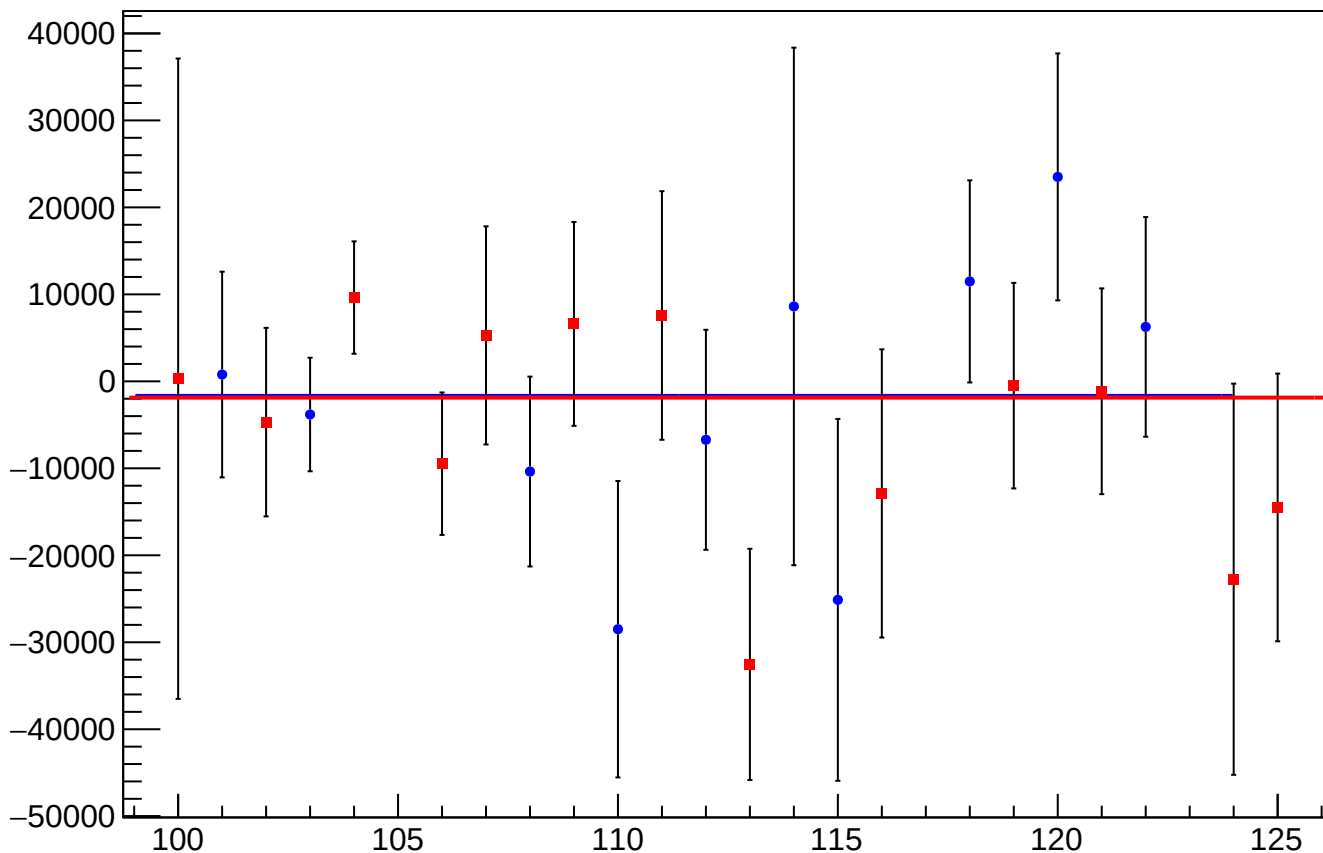
Right: 2370.084+/-0.574 χ^2/NDF : 770446.6/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2370.084+/-0.574 χ^2/NDF : 770446.6/22

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: -1871.952+/-3219.769 χ^2/NDF : 12.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

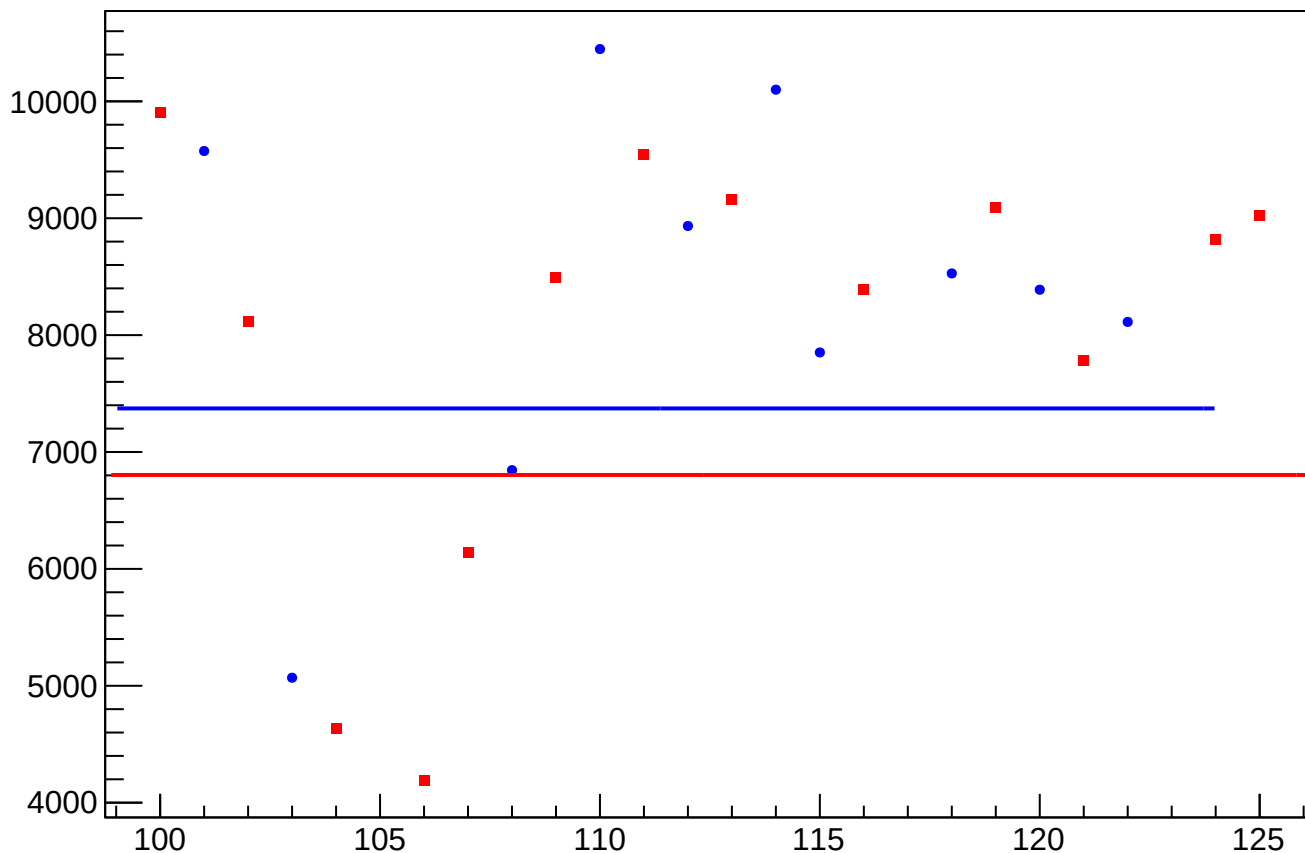
Right: -1788.608+/-2445.240 χ^2/NDF : 22.3/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1788.608+/-2445.240 χ^2/NDF : 22.3/22

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: 6803.551+/-2.277 χ^2/NDF : 821062.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

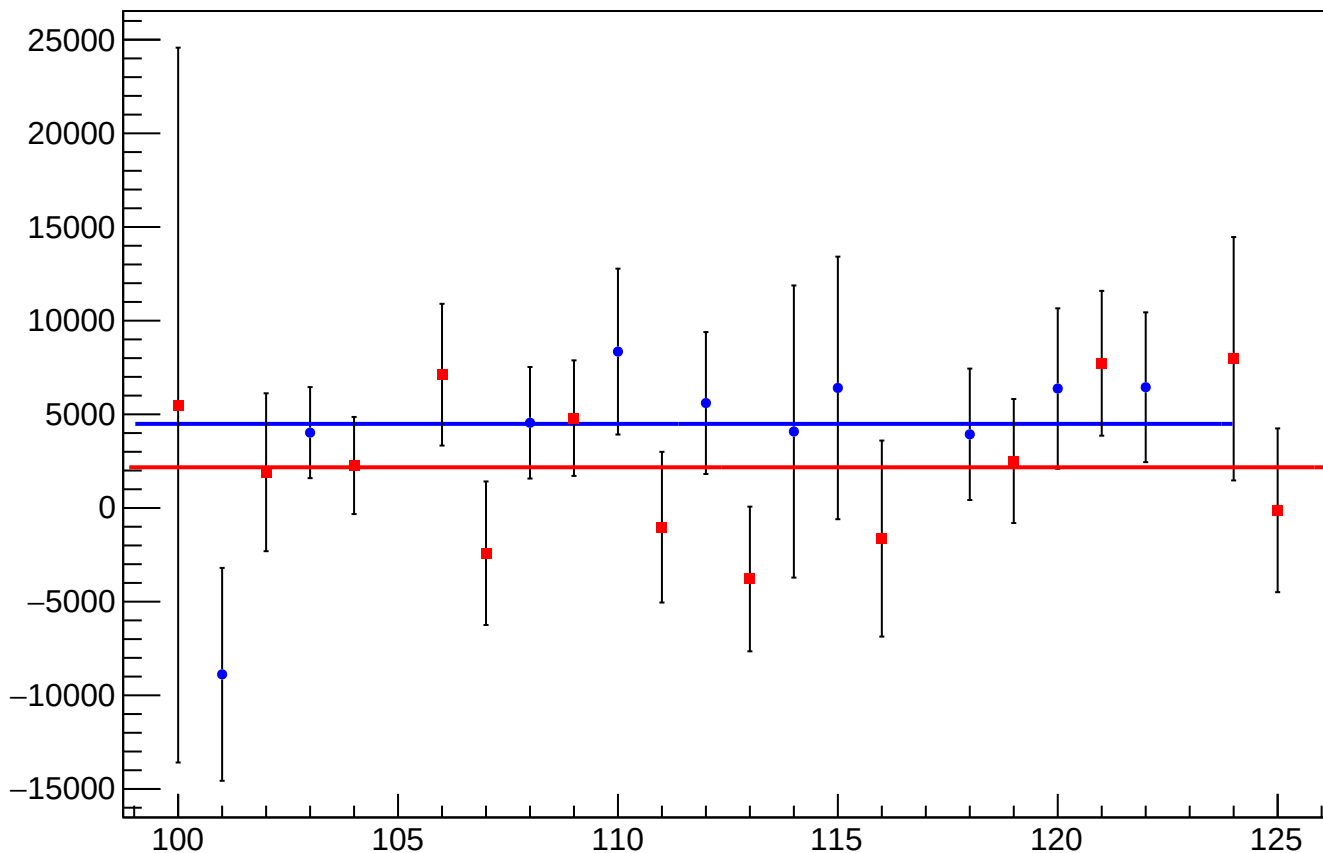
Right: 7044.508+/-1.729 χ^2/NDF : 1321020.4/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7044.508+/-1.729 χ^2/NDF : 1321020.4/22

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: 2172.871+/-1084.345 χ^2 /NDF: 10.6/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

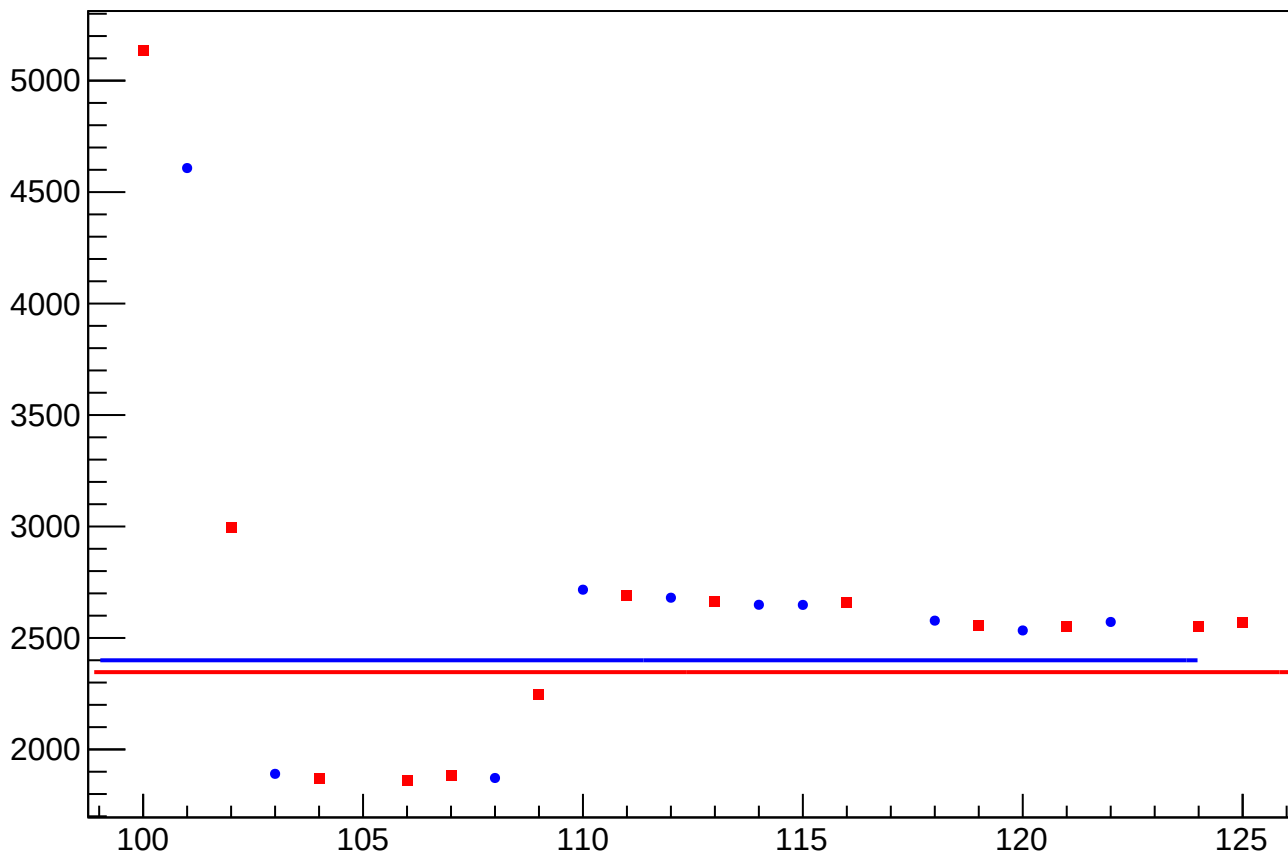
Right: 3193.338+/-811.269 χ^2 /NDF: 19.6/22

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

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 3193.338+/-811.269 χ^2 /NDF: 19.6/22

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: 2346.705+/-0.767 χ^2/NDF : 279087.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

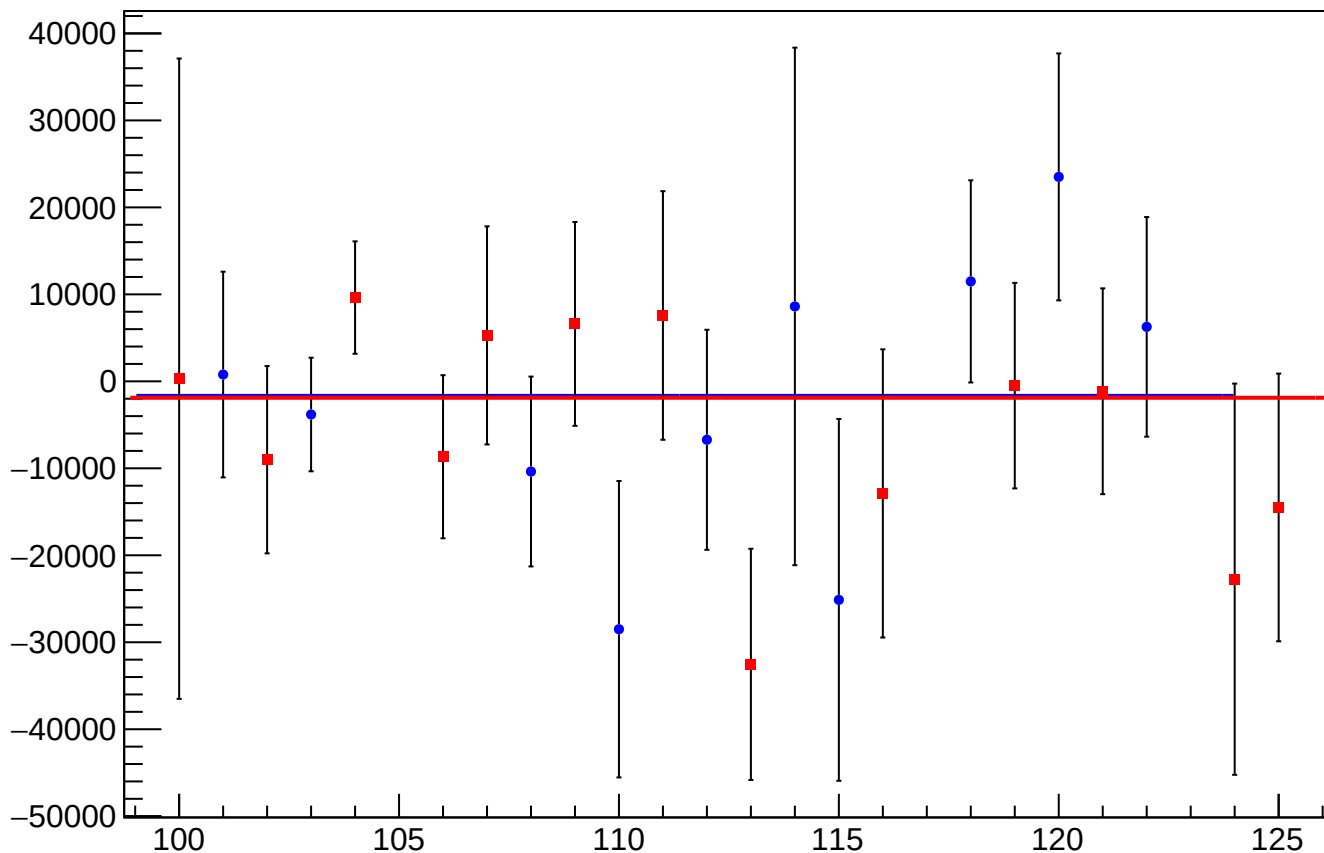
Right: 2370.103+/-0.574 χ^2/NDF : 770399.5/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2370.103+/-0.574 χ^2/NDF : 770399.5/22

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: -1889.131+/-3278.669 χ^2/NDF : 12.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

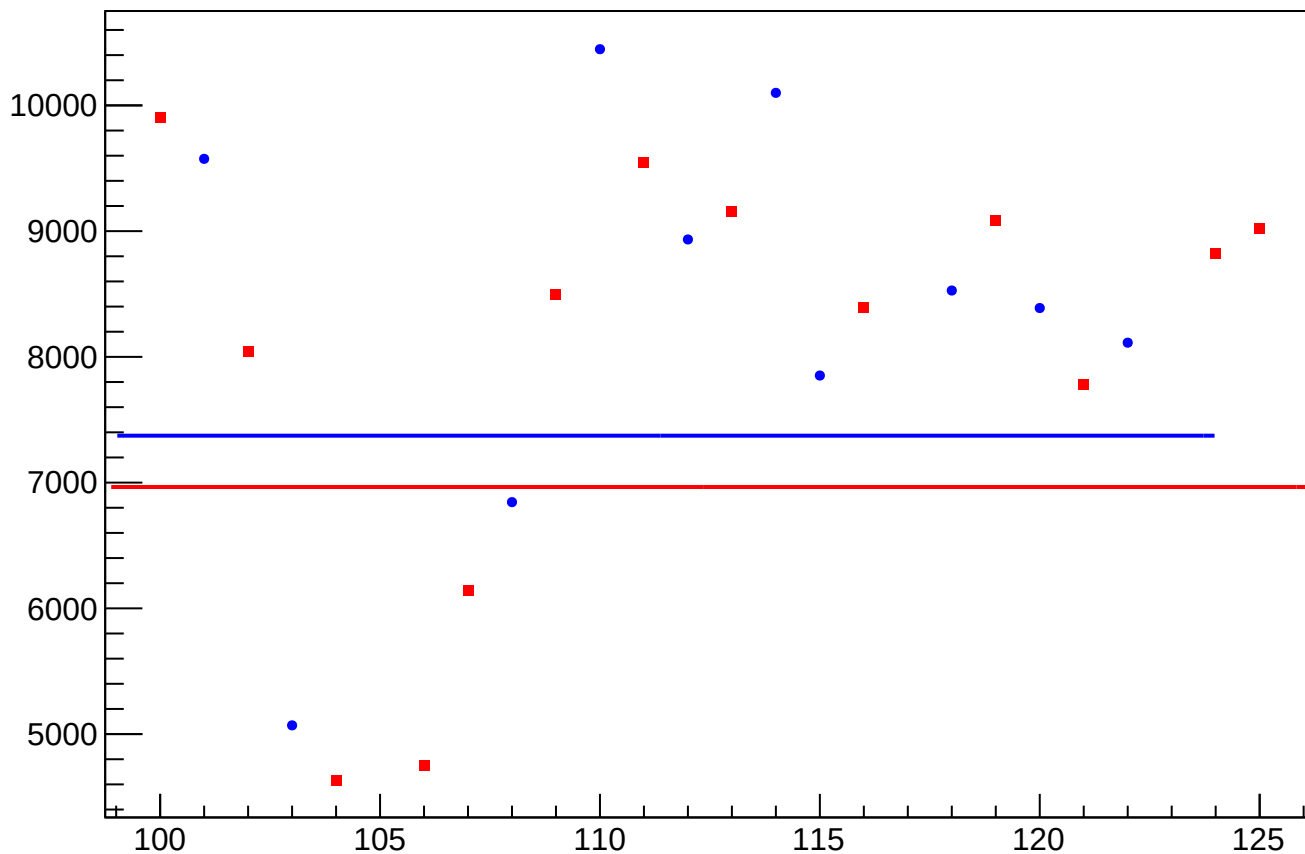
Right: -1796.407+/-2470.788 χ^2/NDF : 22.4/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1796.407+/-2470.788 χ^2/NDF : 22.4/22

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: 6965.231+/-2.318 χ^2/NDF : 706182.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

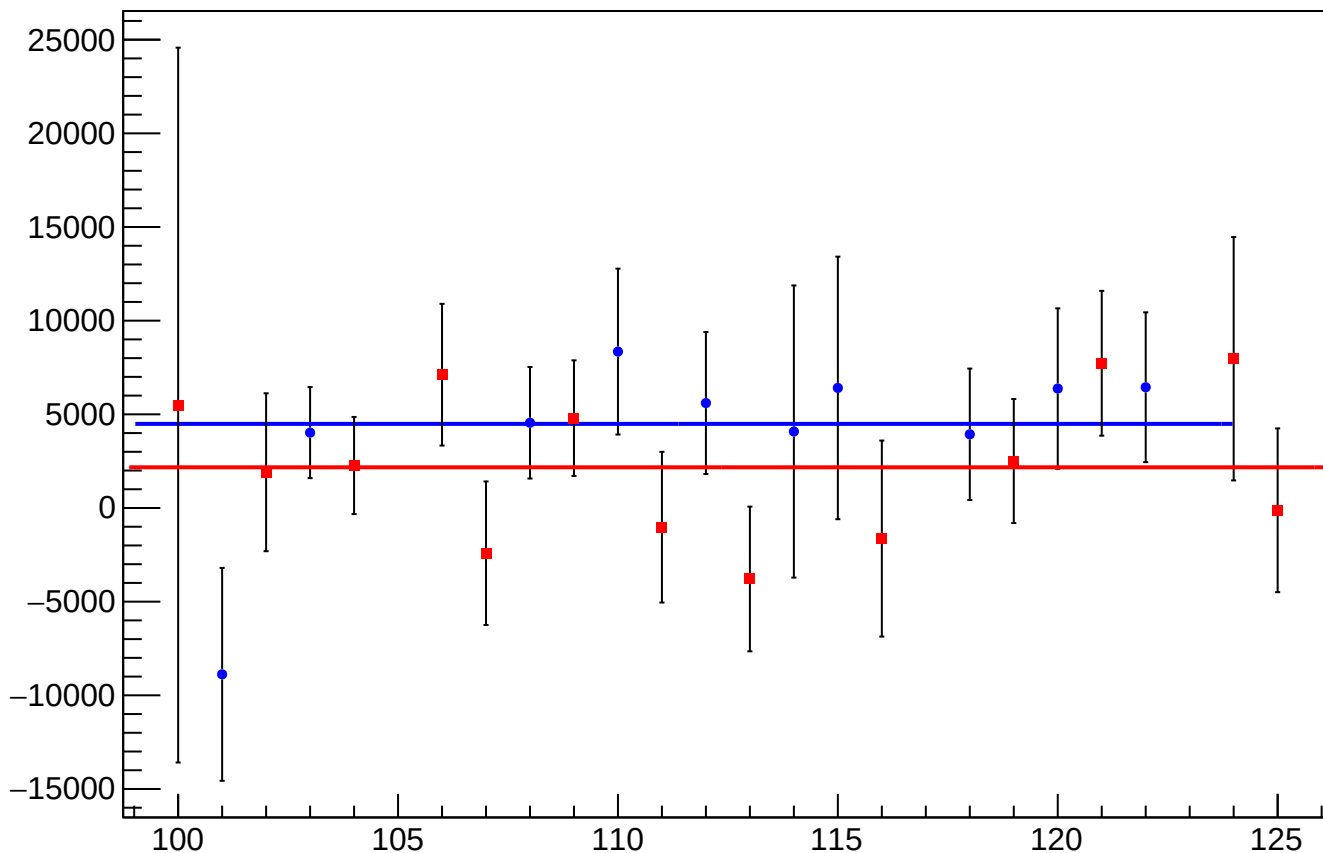
Right: 7141.555+/-1.747 χ^2/NDF : 1192839.9/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7141.555+/-1.747 χ^2/NDF : 1192839.9/22

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: 2172.871+/-1084.345 χ^2/NDF : 10.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

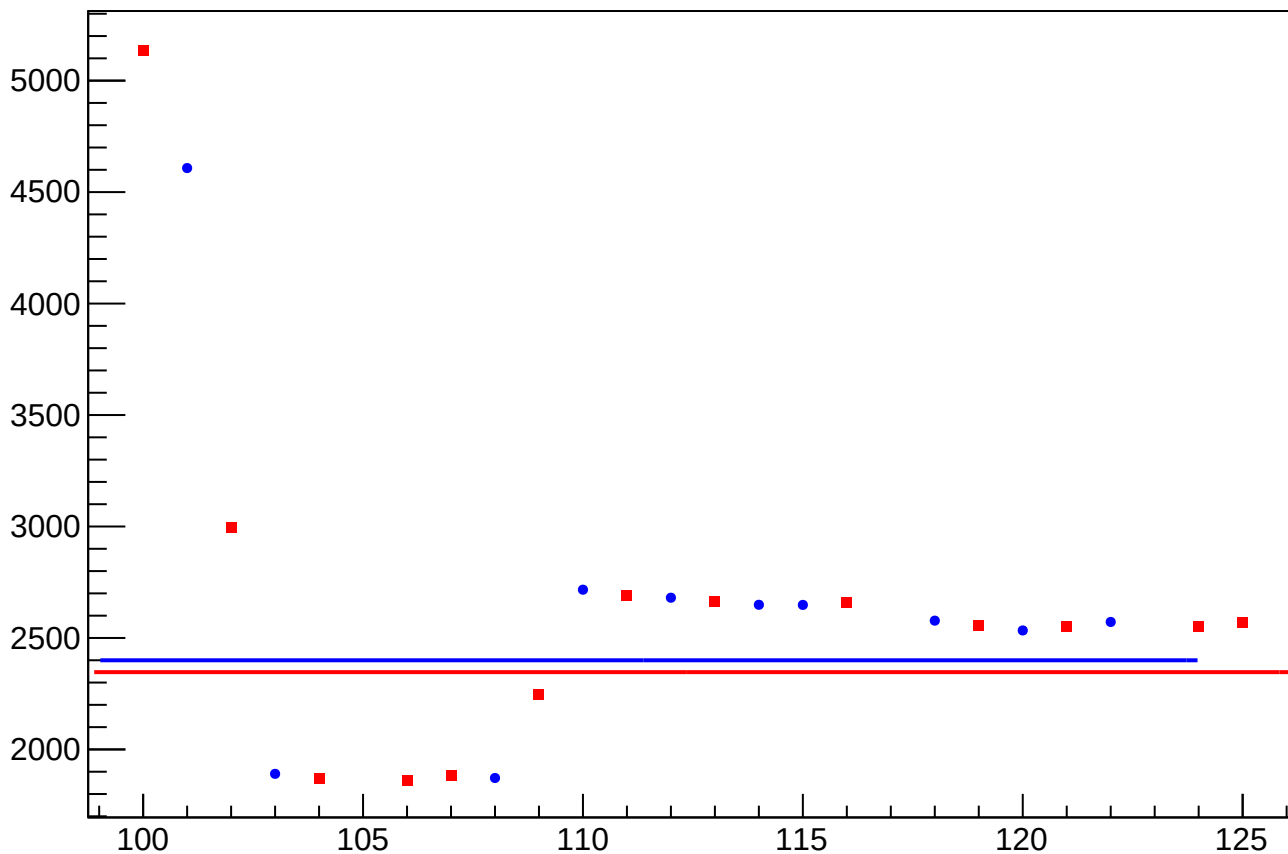
Right: 3193.338+/-811.269 χ^2/NDF : 19.6/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3193.338+/-811.269 χ^2/NDF : 19.6/22

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: 2346.705+/-0.767 χ^2/NDF : 279087.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

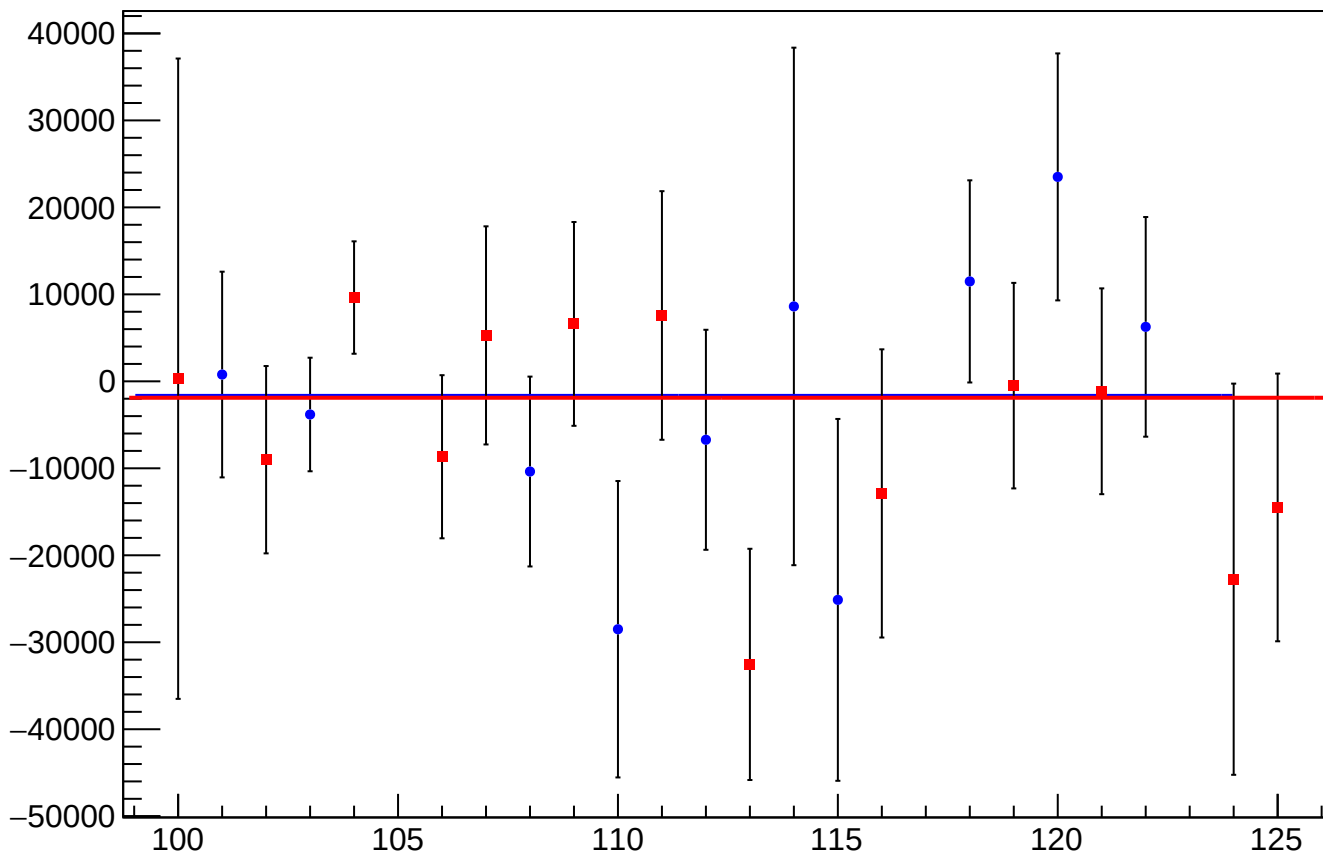
Right: 2370.103+/-0.574 χ^2/NDF : 770399.5/22

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2370.103+/-0.574 χ^2/NDF : 770399.5/22

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: -1889.131+/-3278.669 χ^2/NDF : 12.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

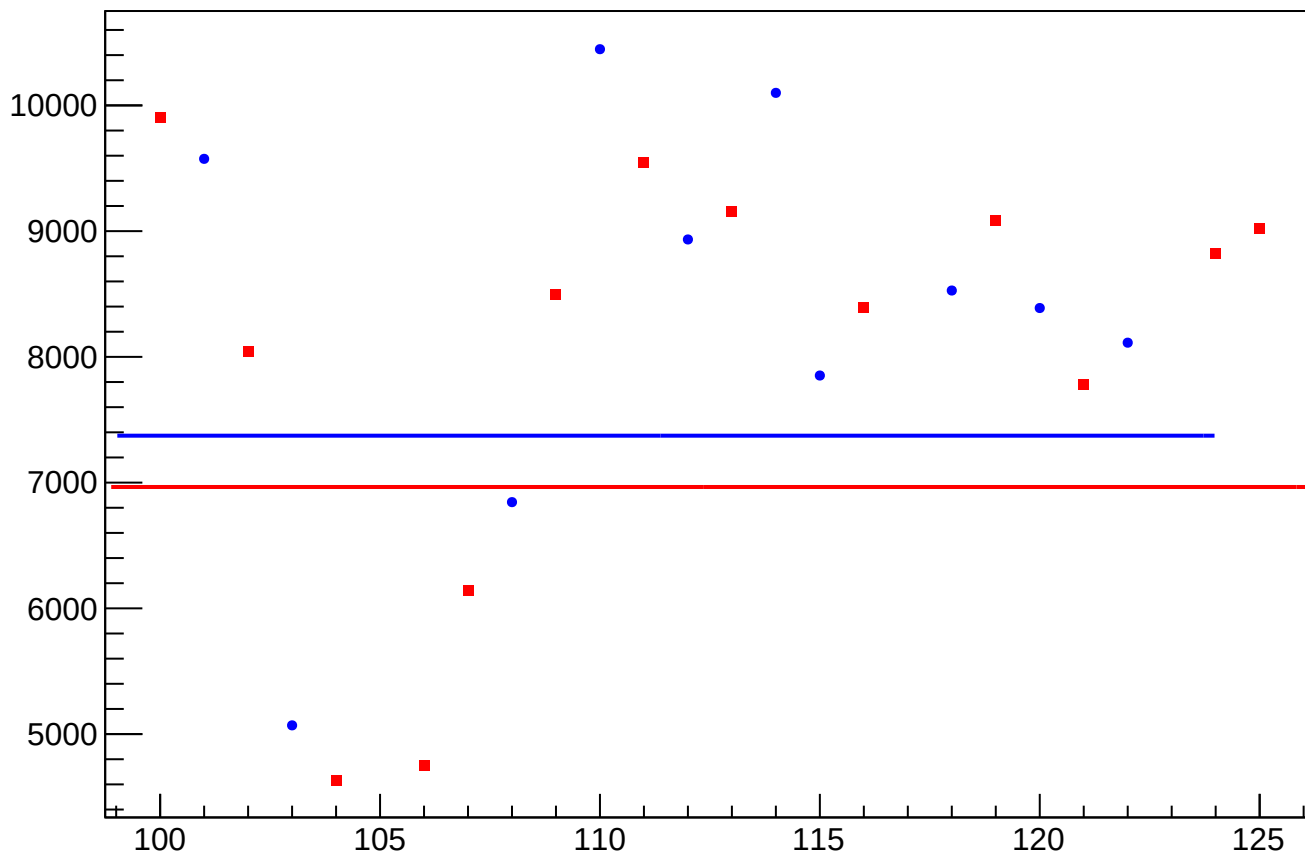
Right: -1796.407+/-2470.788 χ^2/NDF : 22.4/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1796.407+/-2470.788 χ^2/NDF : 22.4/22

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: 6965.231+/-2.318 χ^2/NDF : 706182.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

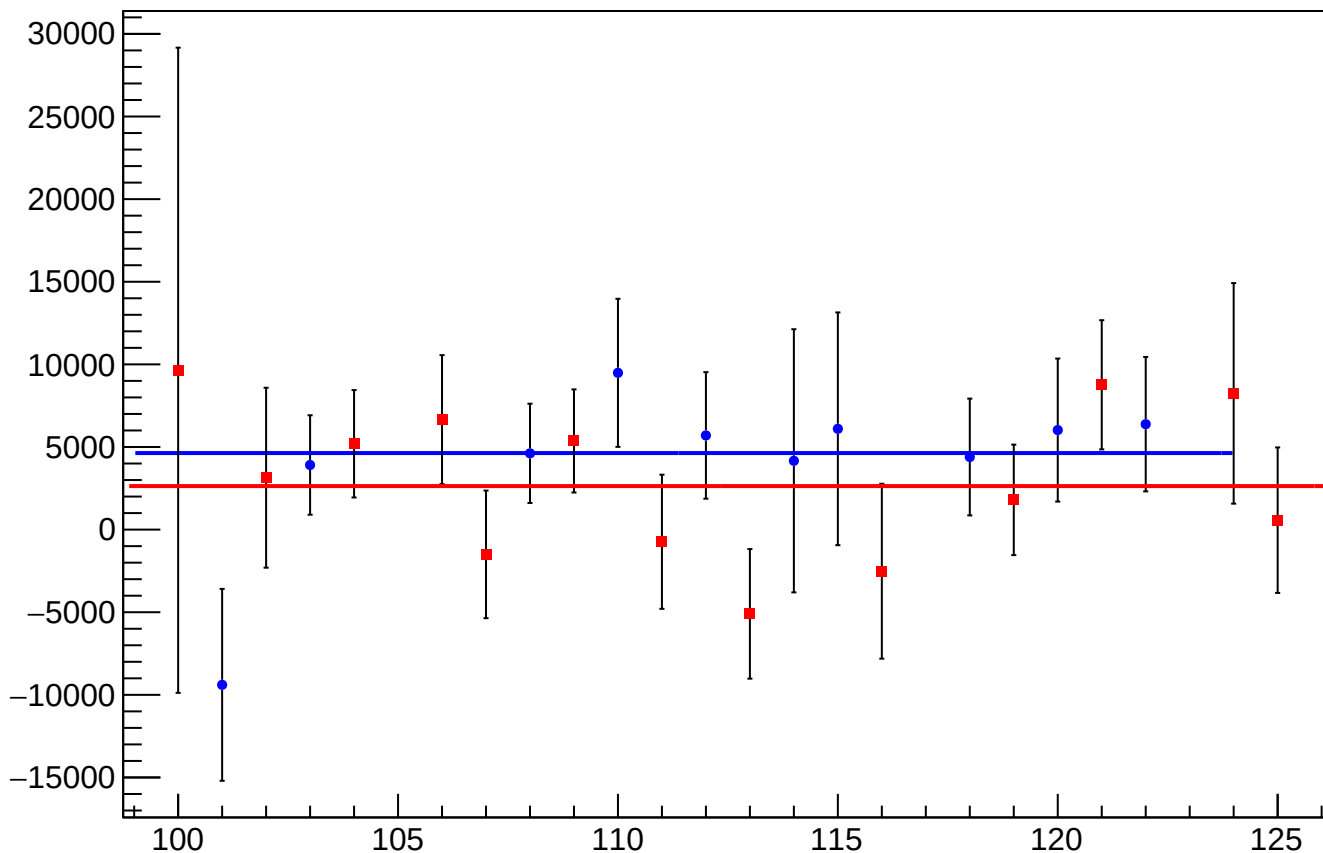
Right: 7141.555+/-1.747 χ^2/NDF : 1192839.9/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7141.555+/-1.747 χ^2/NDF : 1192839.9/22

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: 2634.586+/-1149.454 χ^2/NDF : 12.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

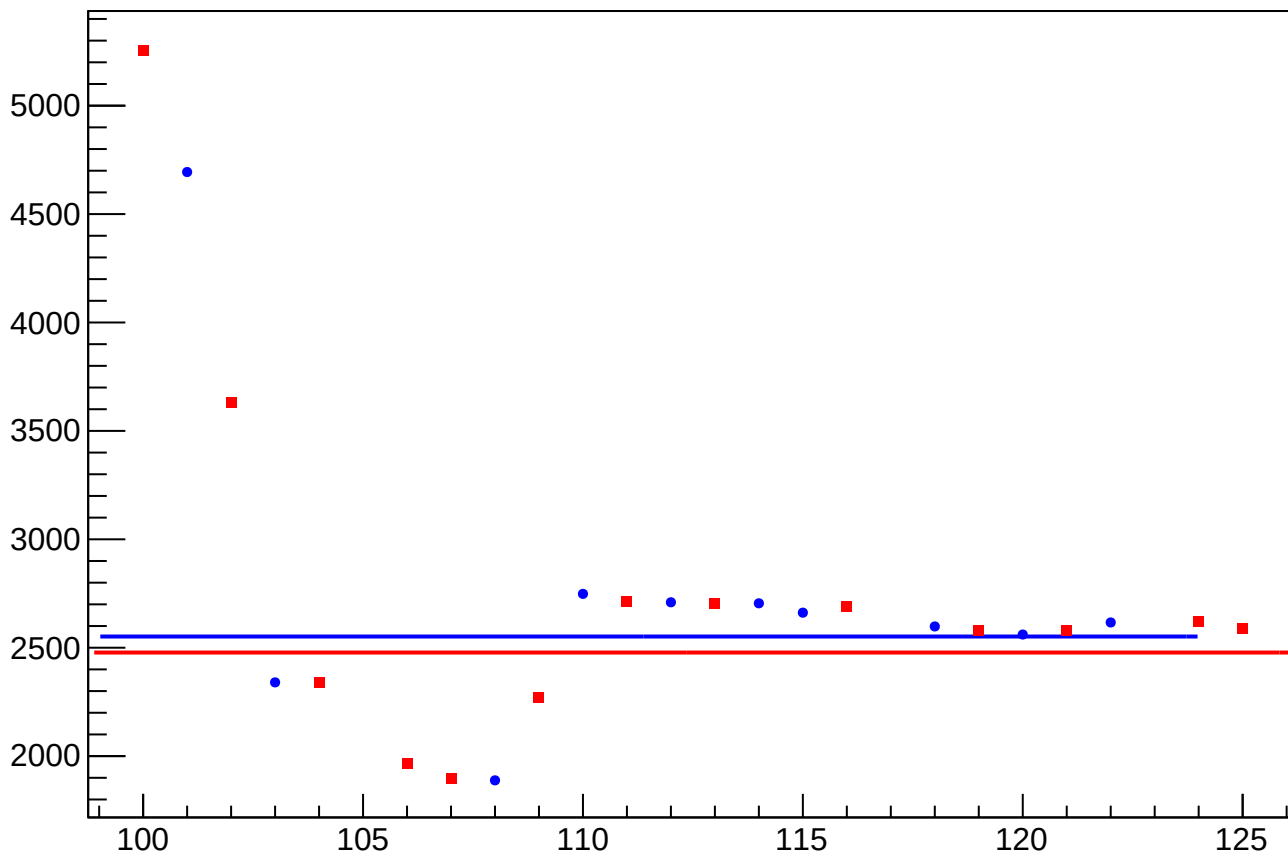
Right: 3517.139+/-858.892 χ^2/NDF : 21.5/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3517.139+/-858.892 χ^2/NDF : 21.5/22

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: 2477.808+/-0.812 χ^2/NDF : 244879.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

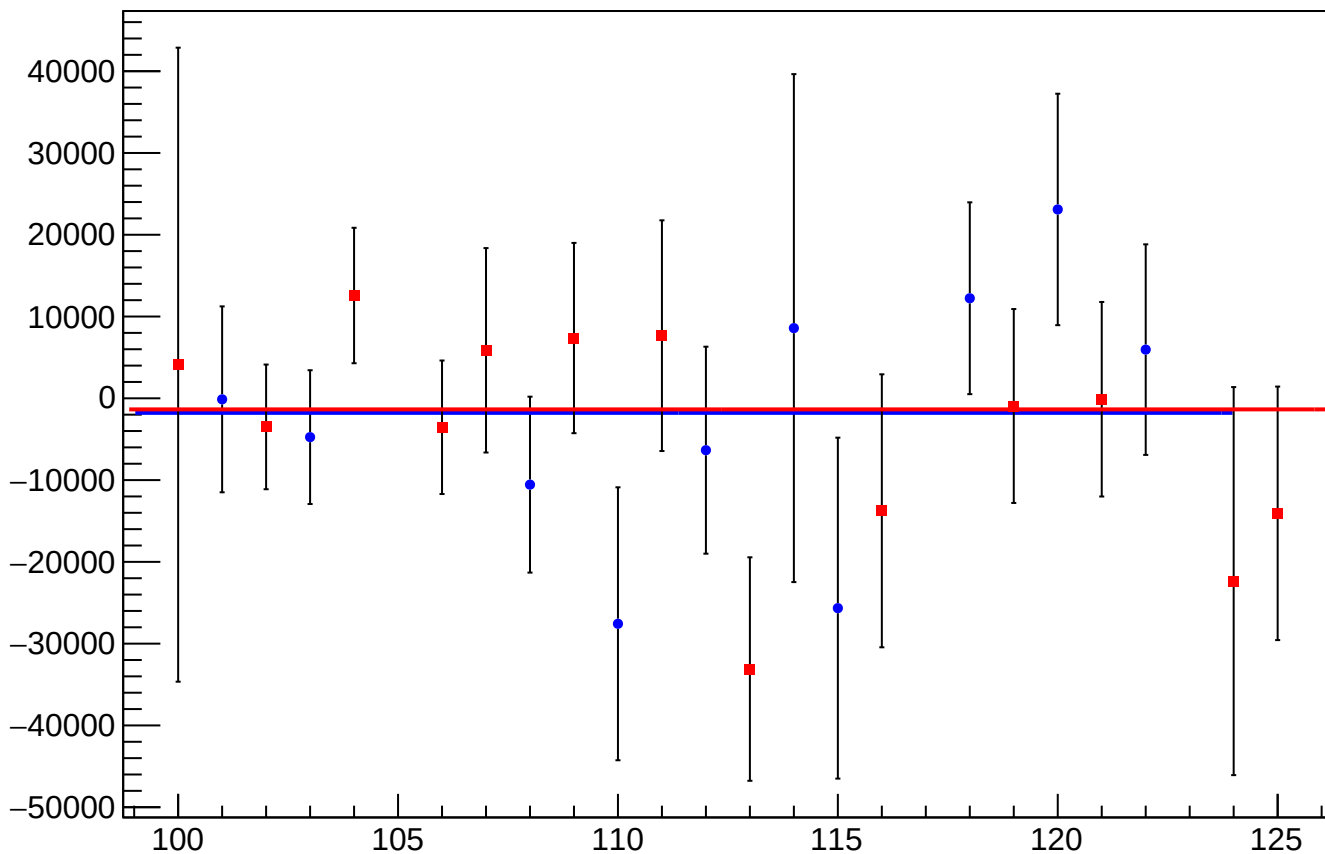
Right: 2510.388+/-0.607 χ^2/NDF : 637459.5/22

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2510.388+/-0.607 χ^2/NDF : 637459.5/22

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: -1354.763+/-3238.577 χ^2/NDF : 11.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

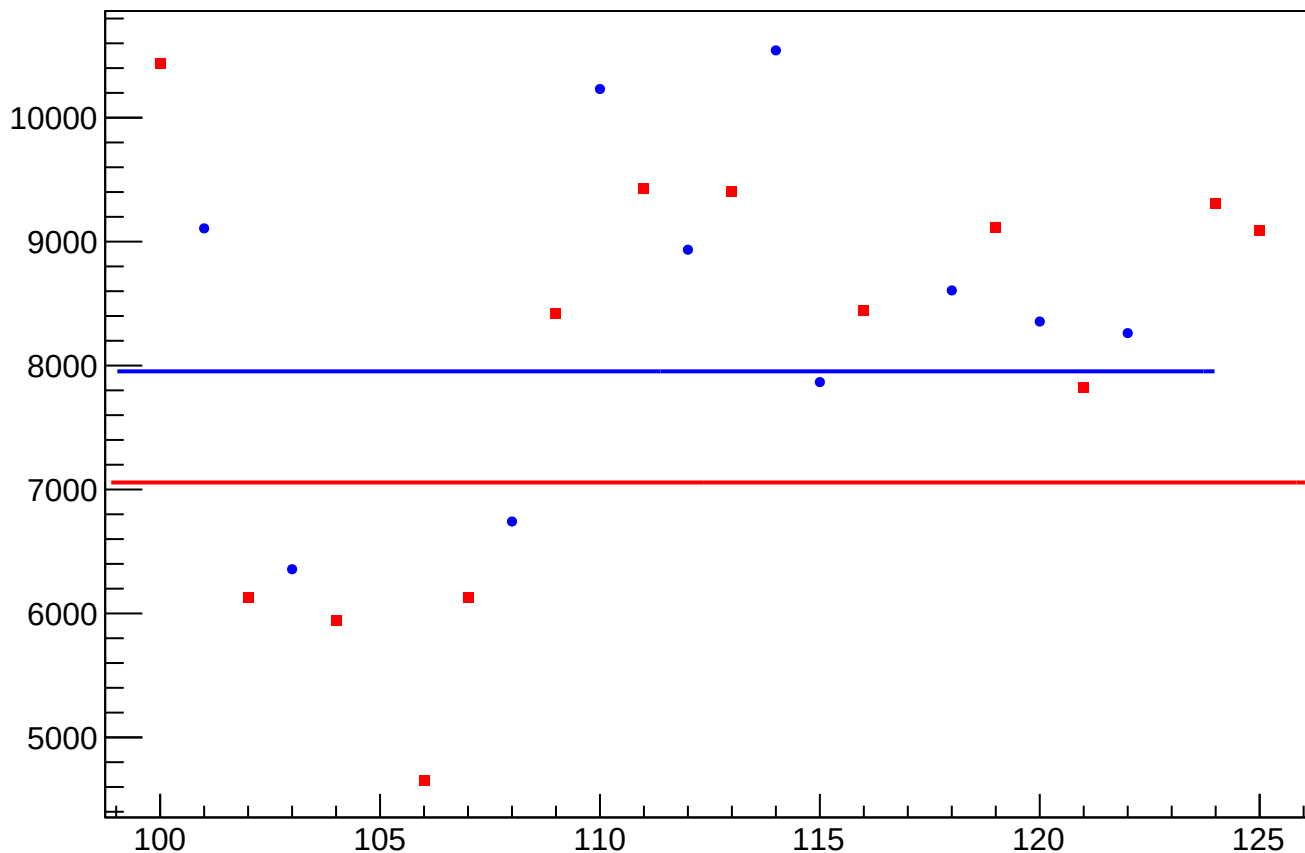
Right: -1522.964+/-2514.653 χ^2/NDF : 21.4/22

In: -1778.339+/-3990.525 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1522.964+/-2514.653 χ^2/NDF : 21.4/22

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: 7056.787+/-2.290 χ^2/NDF : 543106.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

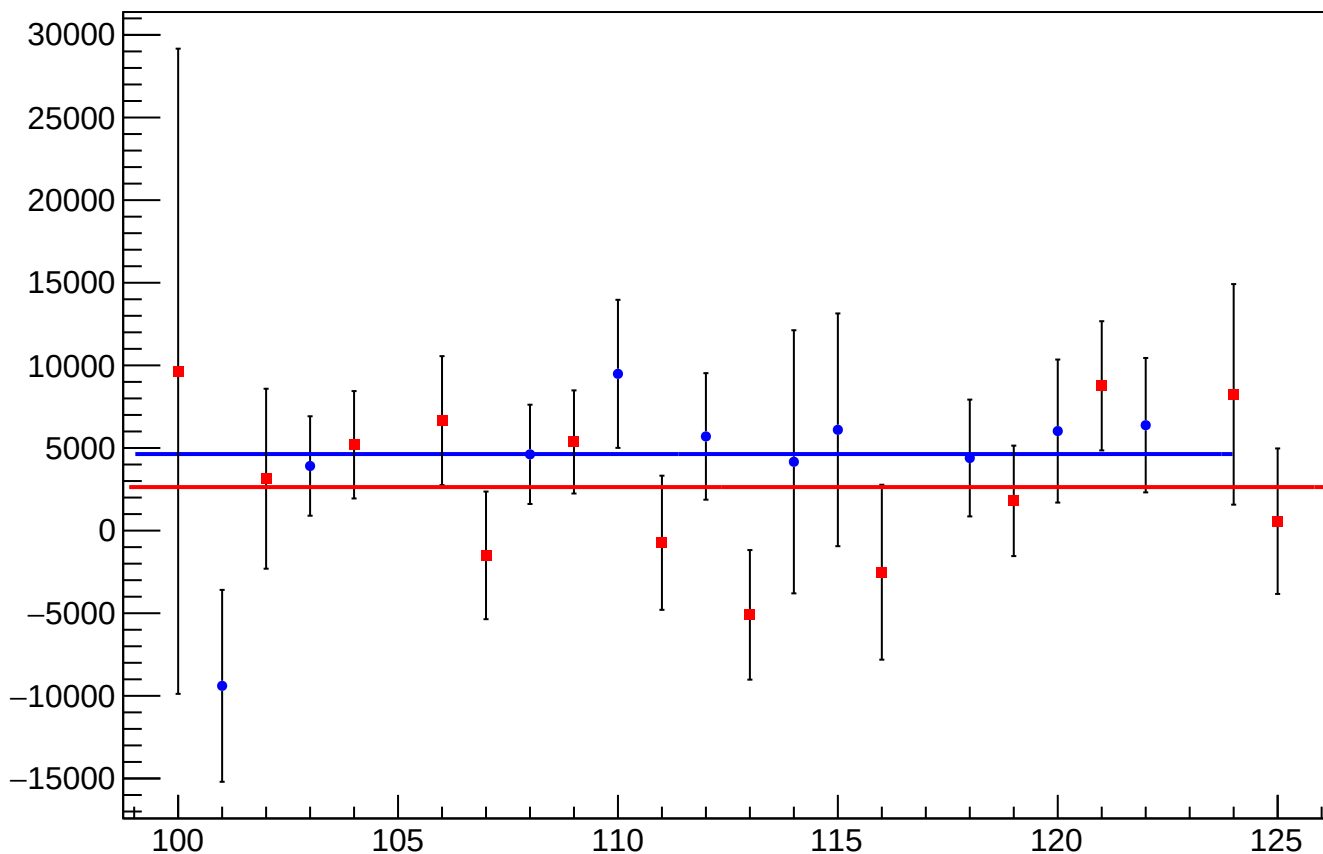
Right: 7412.854+/-1.778 χ^2/NDF : 798328.7/22

In: 7953.463+/-2.822 χ^2/NDF : 194340.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7412.854+/-1.778 χ^2/NDF : 798328.7/22

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: 2634.598+/-1149.454 χ^2/NDF : 12.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

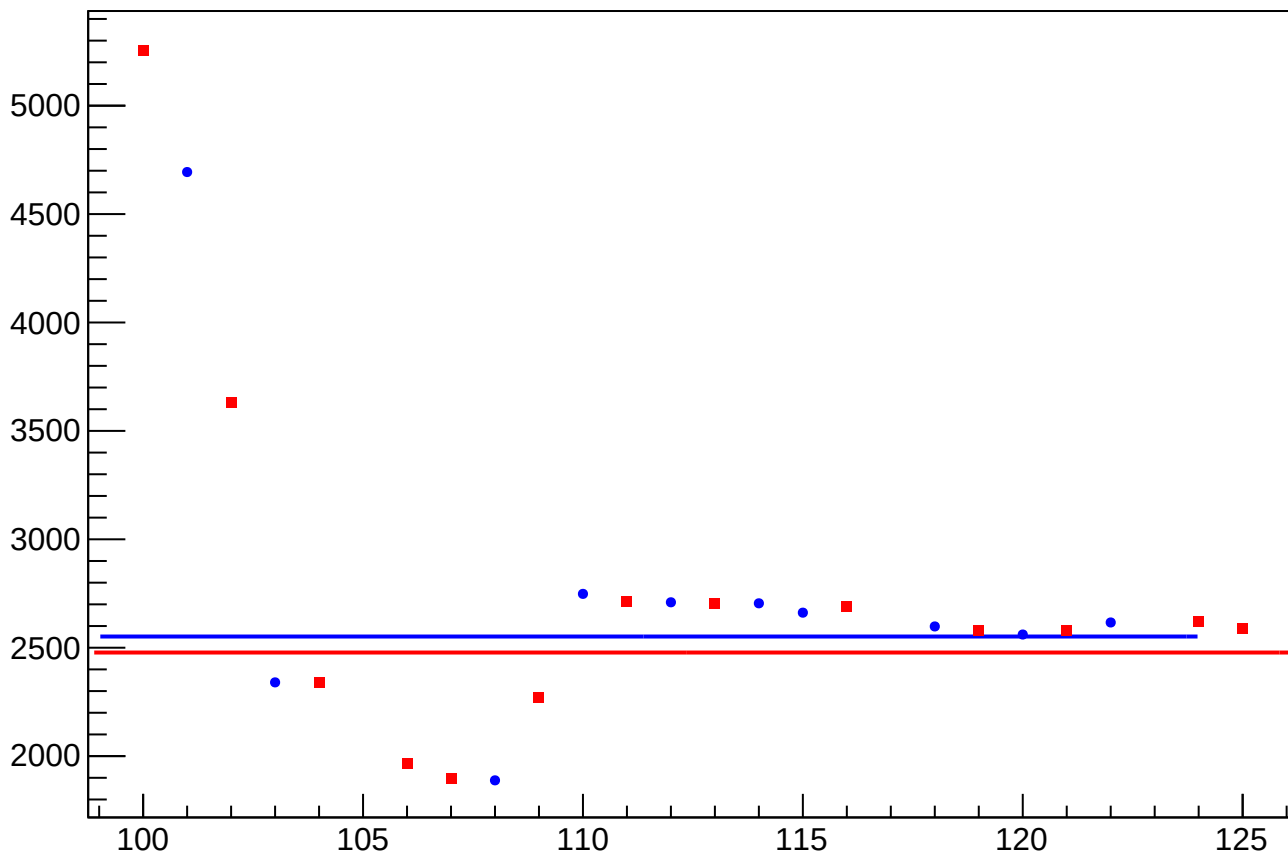
Right: 3517.141+/-858.892 χ^2/NDF : 21.5/22

In: 4632.811+/-1292.384 χ^2/NDF : 7.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3517.141+/-858.892 χ^2/NDF : 21.5/22

eigen_dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2551.642 $\pm$ 0.914 χ^2 /NDF: 388932.8/9

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

Right Out: 2477.808 $\pm$ 0.812 χ^2 /NDF: 244879.1/12

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

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

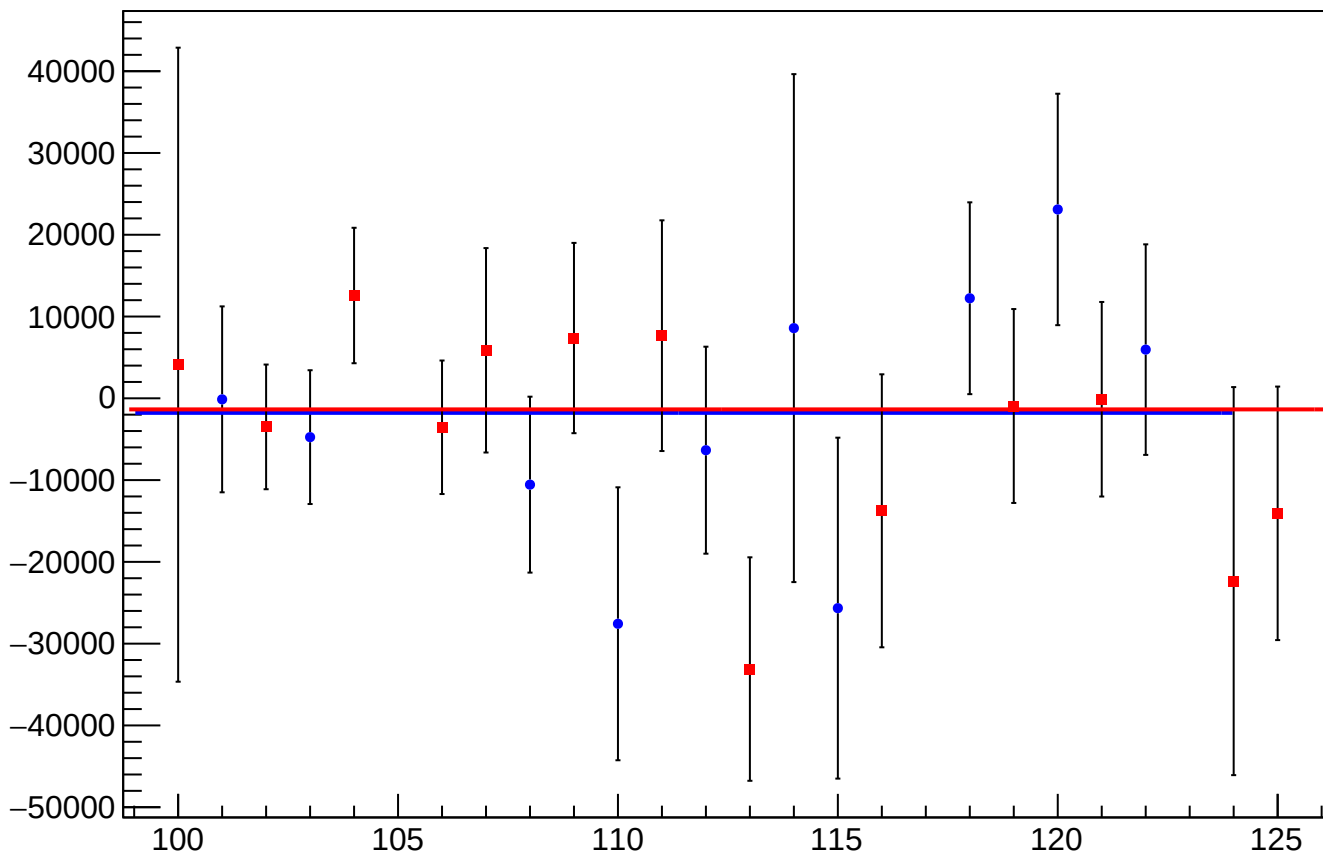
Right: 2510.388 $\pm$ 0.607 χ^2 /NDF: 637459.2/22

In: 2551.642 $\pm$ 0.914 χ^2 /NDF:388932.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2510.388 $\pm$ 0.607 χ^2 /NDF: 637459.2/22

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: -1354.757+/-3238.570 χ^2/NDF : 11.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

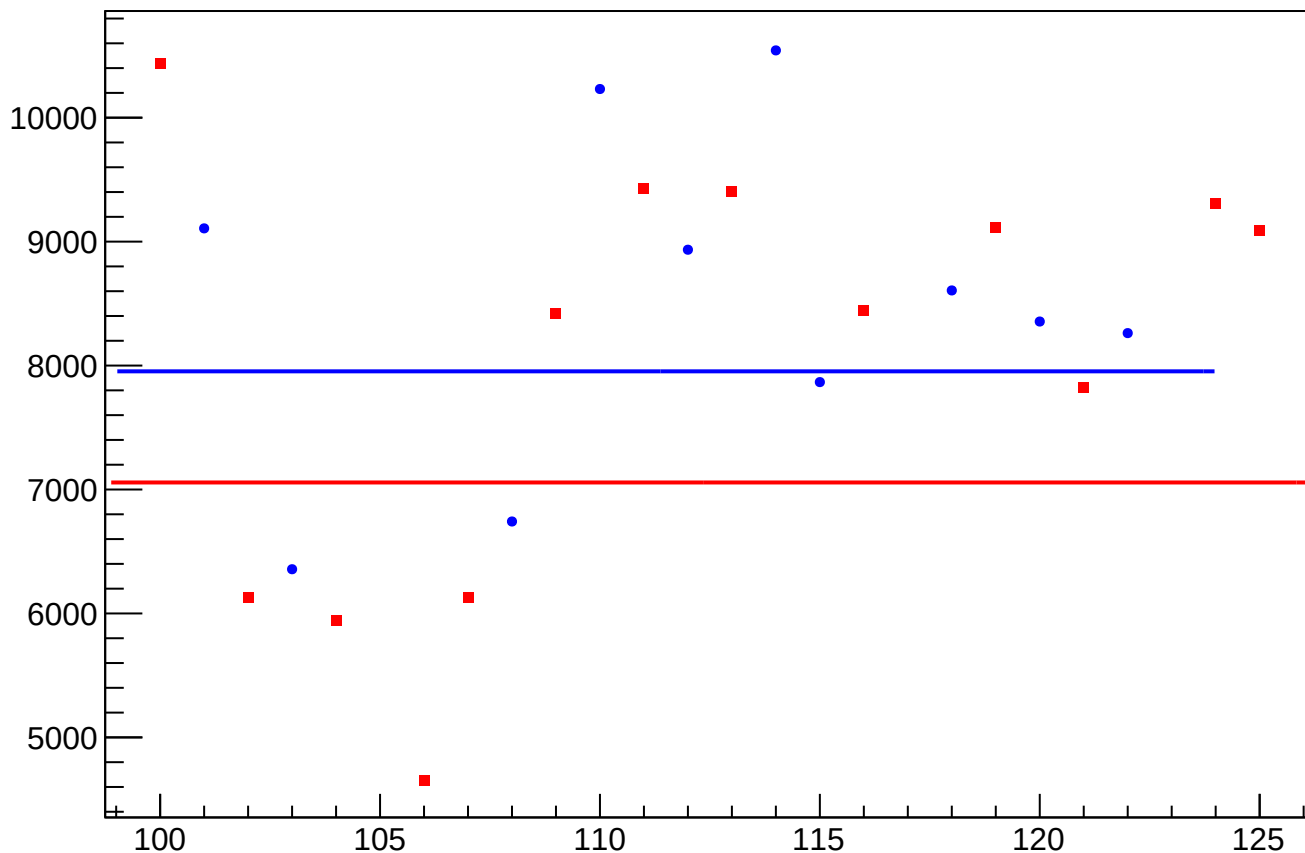
Right: -1522.953+/-2514.648 χ^2/NDF : 21.4/22

In: -1778.321+/-3990.517 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1522.953+/-2514.648 χ^2/NDF : 21.4/22

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: 7056.774+/-2.290 χ^2/NDF : 543104.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

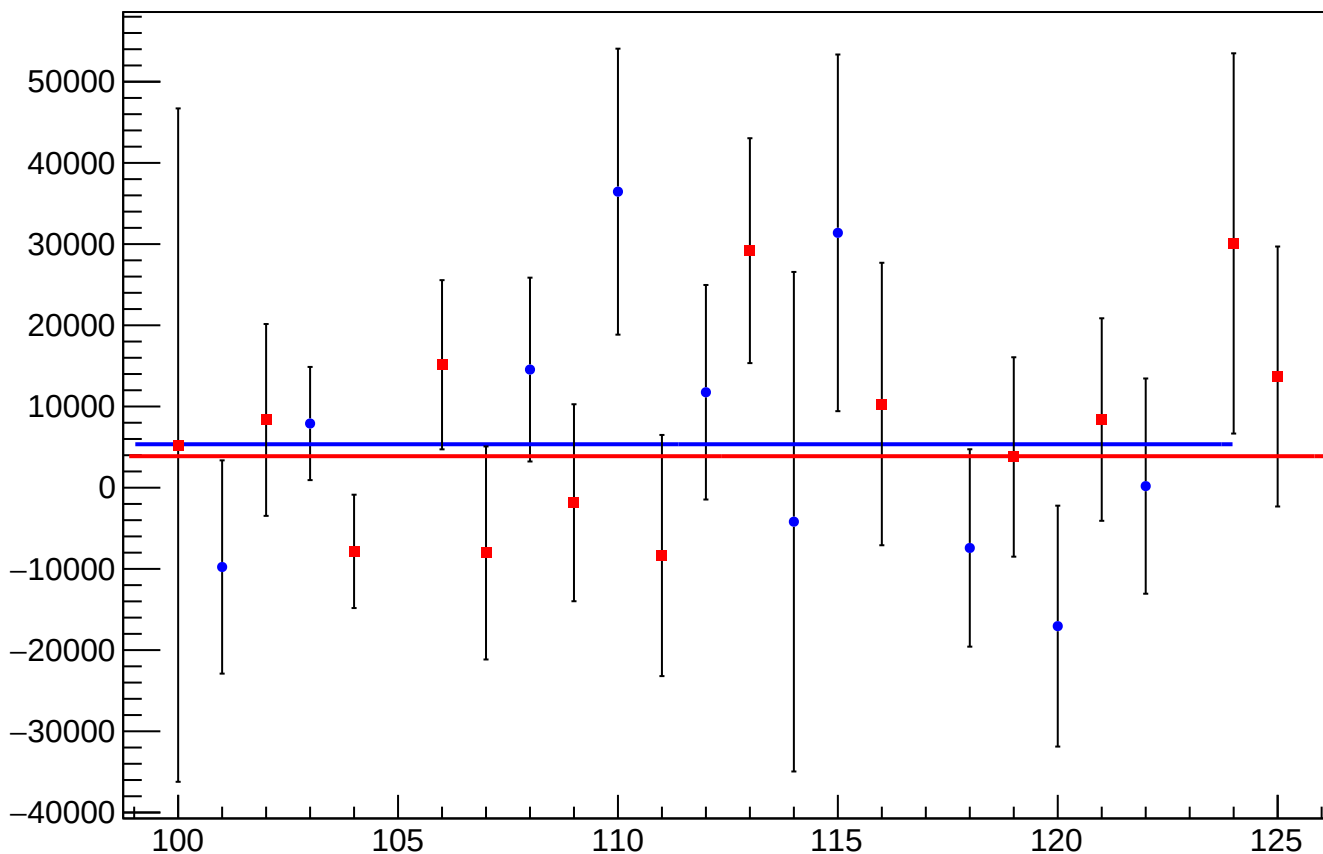
Right: 7412.841+/-1.778 χ^2/NDF : 798323.9/22

In: 7953.449+/-2.822 χ^2/NDF : 194337.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7412.841+/-1.778 χ^2/NDF : 798323.9/22

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: 3879.558+/-3493.457 χ^2/NDF : 11.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

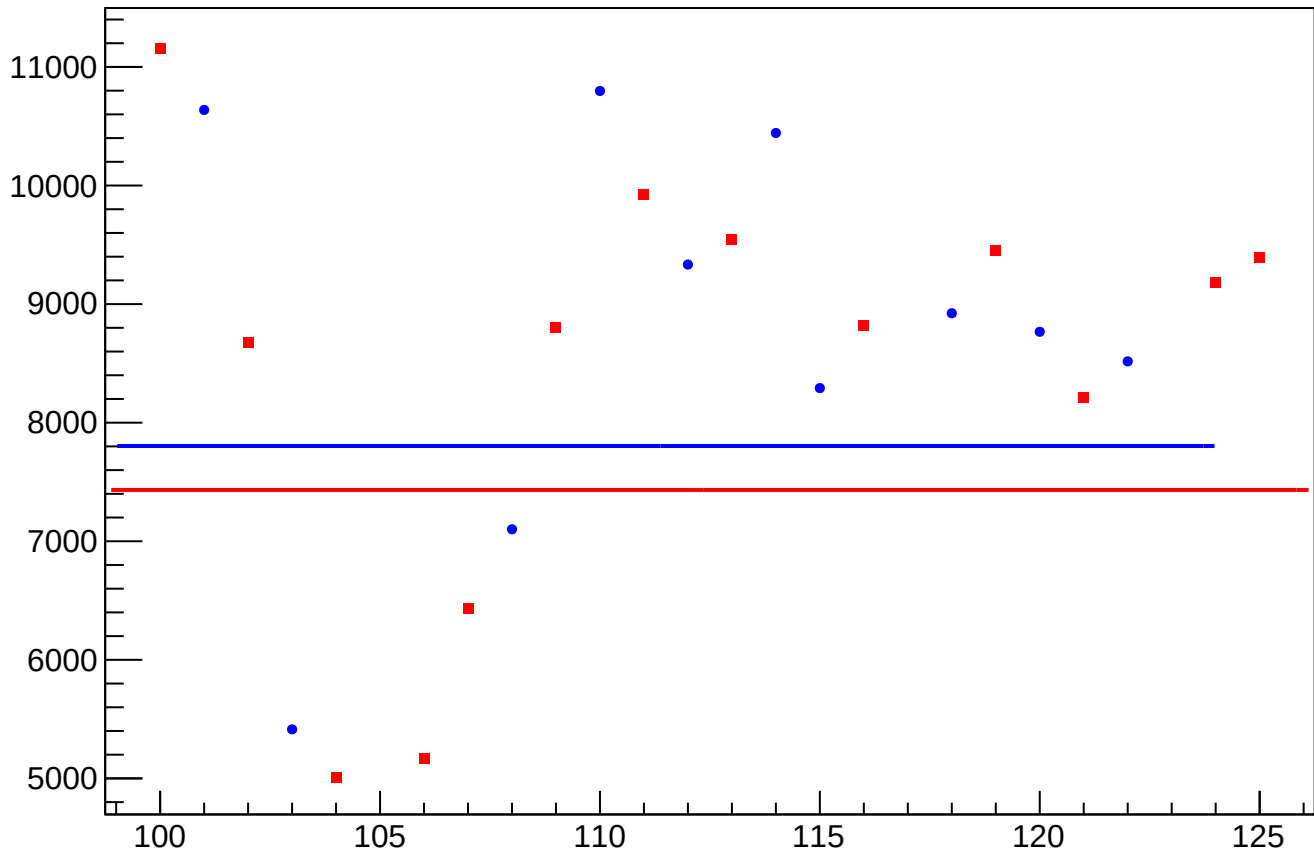
Right: 4520.854+/-2624.127 χ^2/NDF : 21.7/22

In: 5351.208+/-3975.192 χ^2/NDF :10.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4520.854+/-2624.127 χ^2/NDF : 21.7/22

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: 7432.745+/-2.470 χ^2/NDF : 628870.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

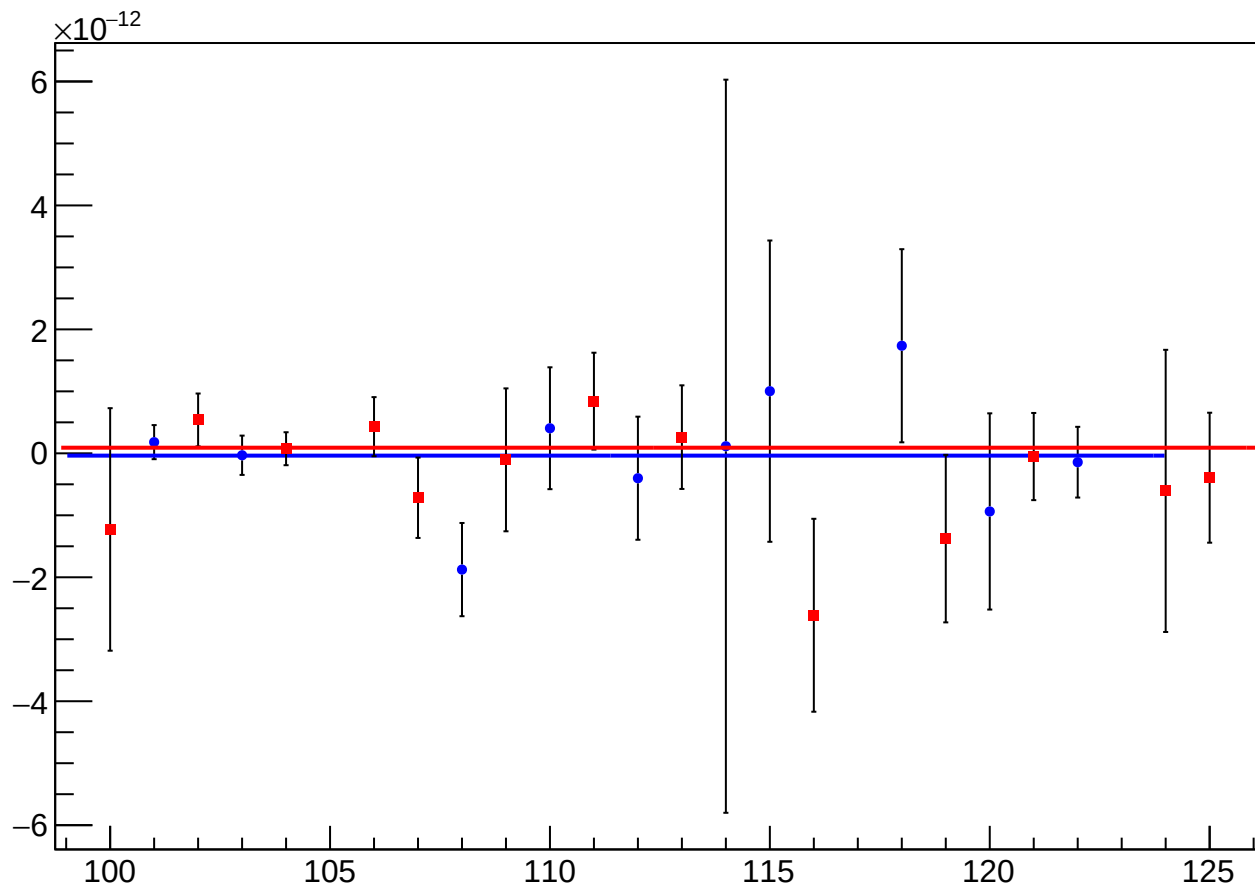
Right: 7594.220+/-1.856 χ^2/NDF : 1106243.7/22

In: 7803.310+/-2.811 χ^2/NDF : 467567.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7594.220+/-1.856 χ^2/NDF : 1106243.7/22

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 : 9.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

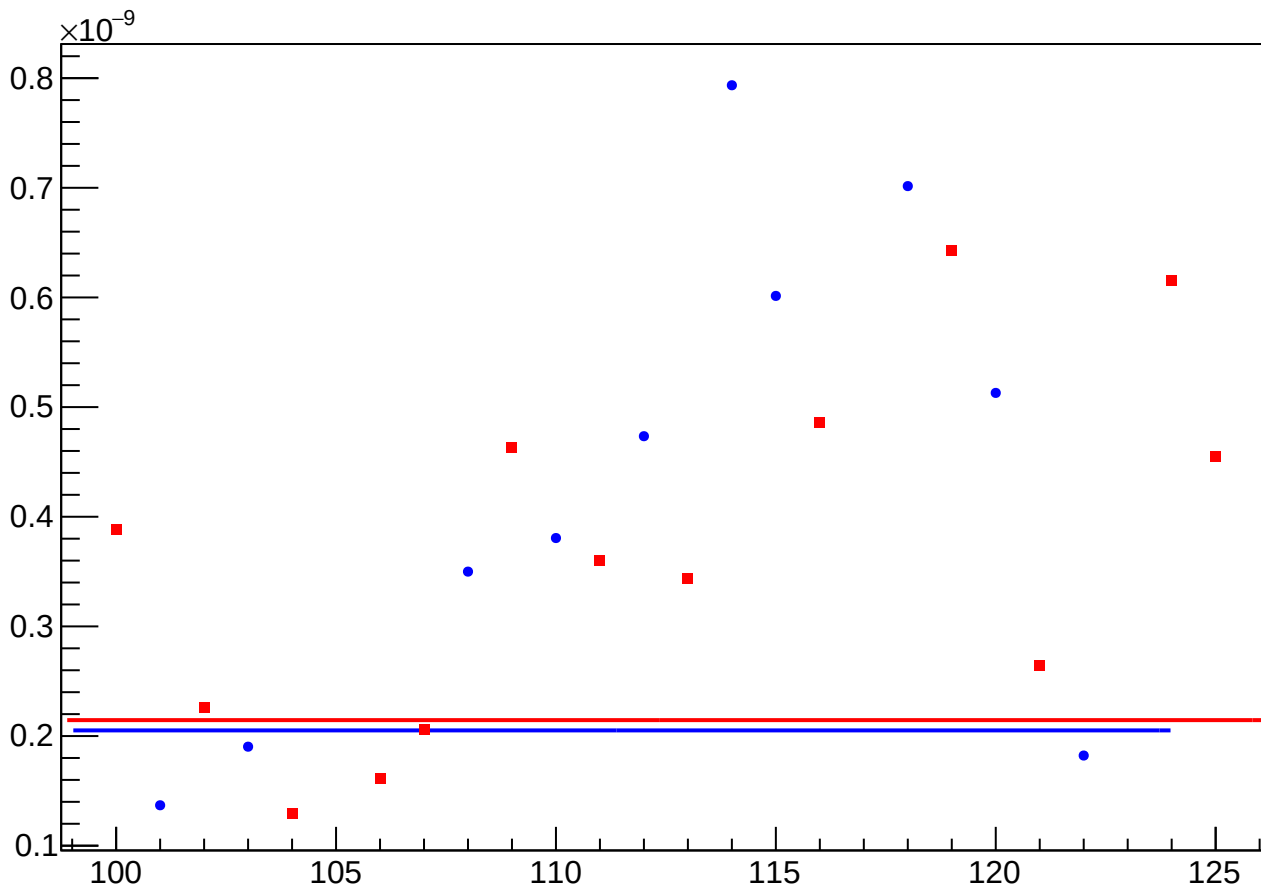
Right: 0.000+/-0.000 χ^2/NDF : 18.2/22

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 : 18.2/22

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 : 898163.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

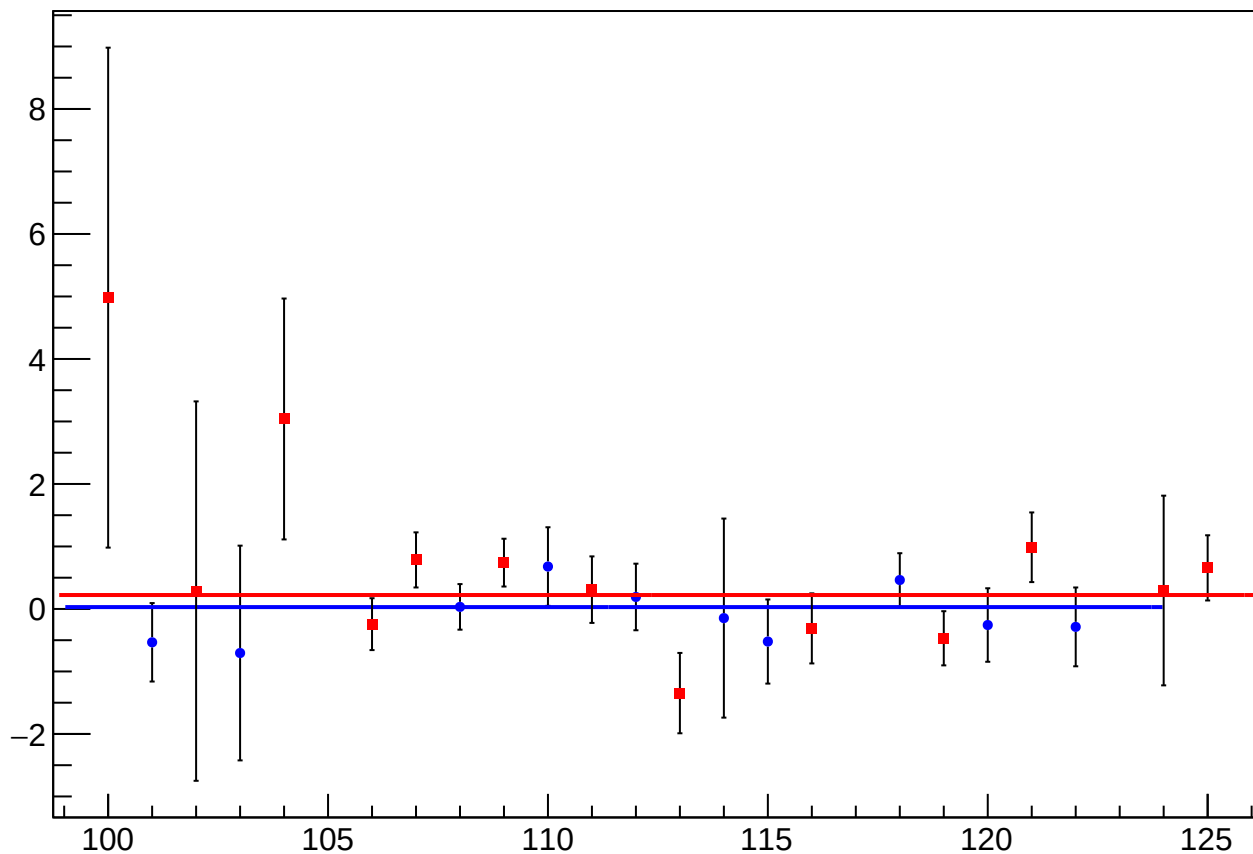
Right: 0.000+/-0.000 χ^2/NDF : 1667237.5/22

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 : 1667237.5/22

asym_atr2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.030+/-0.183 χ^2/NDF : 4.3/9

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

Right Out: 0.223+/-0.158 χ^2/NDF : 20.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

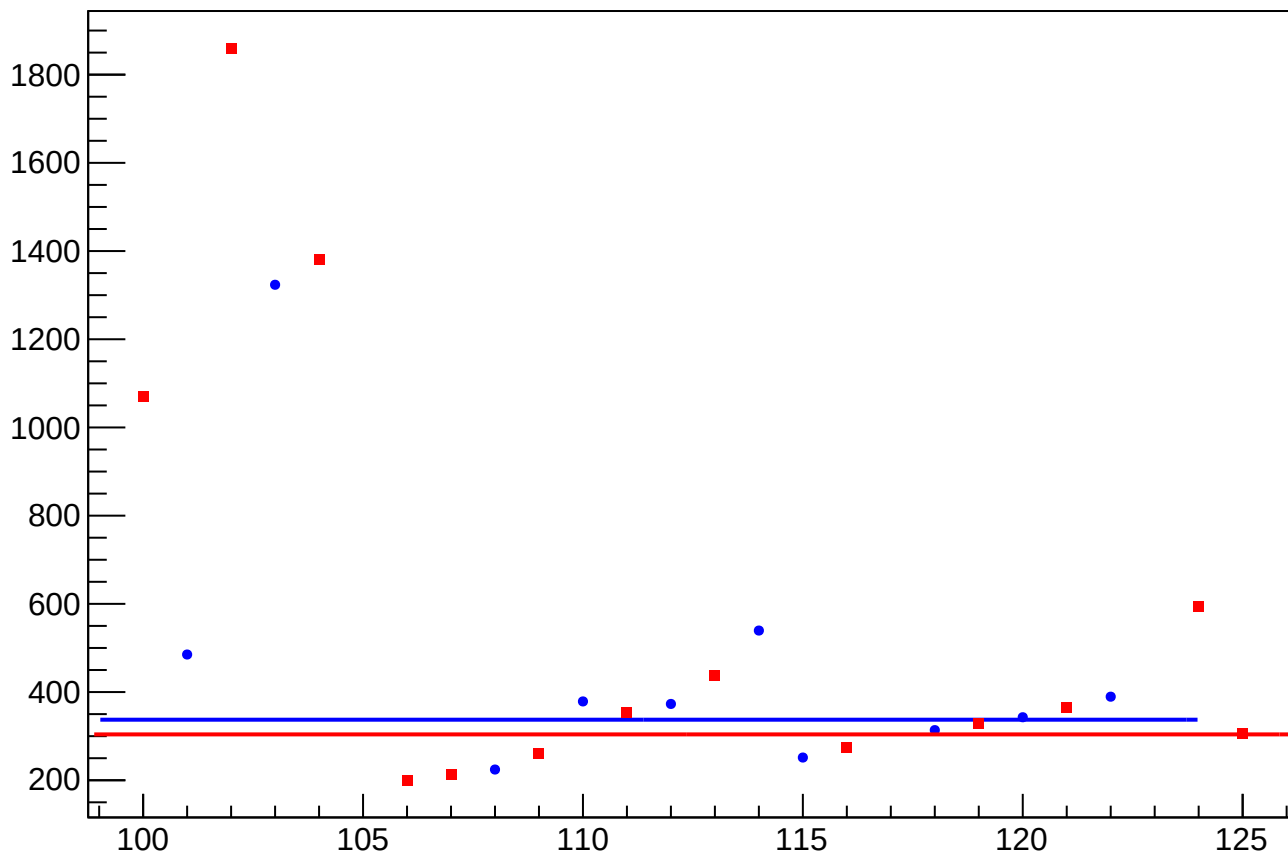
Right: 0.140+/-0.120 χ^2/NDF : 25.3/22

In: 0.030+/-0.183 χ^2/NDF : 4.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.140+/-0.120 χ^2/NDF : 25.3/22

asym_atr2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 337.315+/-0.129 χ^2/NDF : 1064302.5/9

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

Right Out: 303.997+/-0.112 χ^2/NDF : 1673643.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

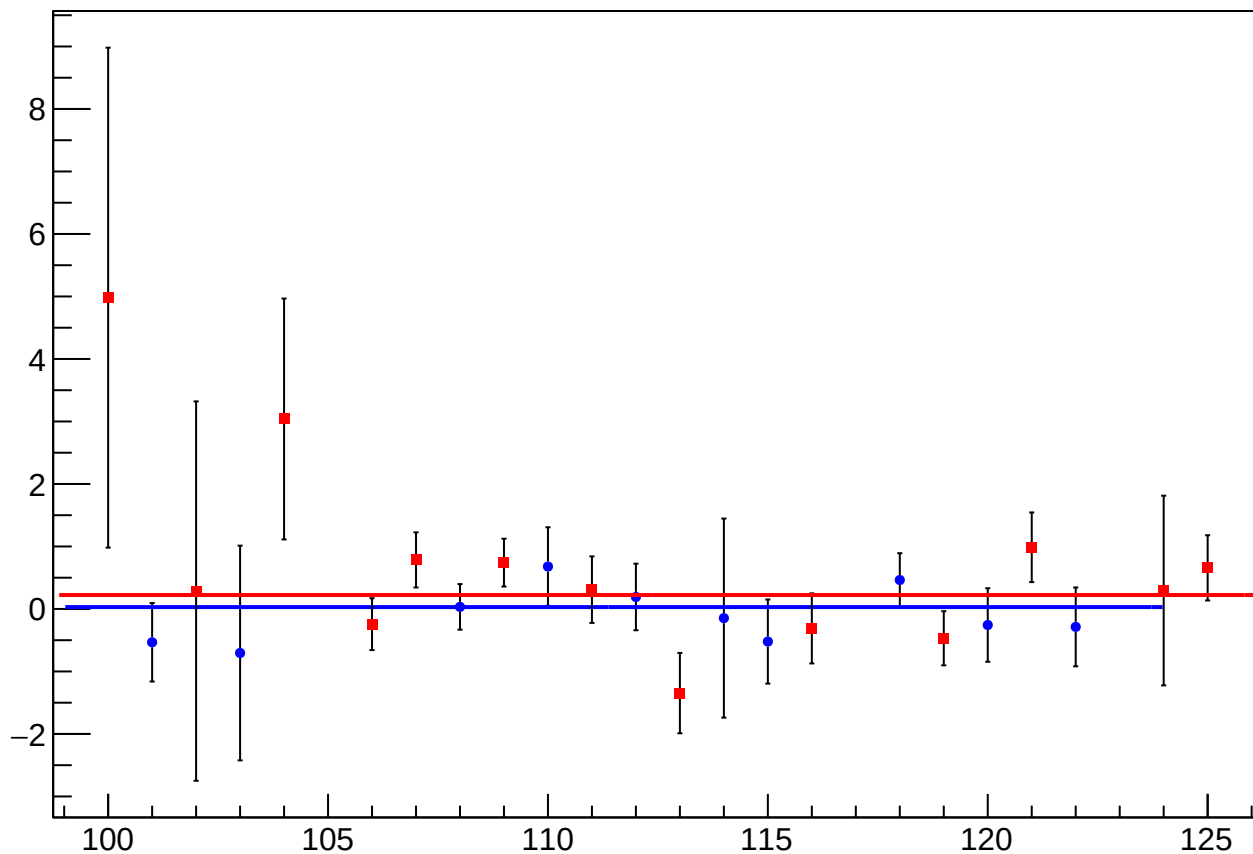
Right: 318.243+/-0.085 χ^2/NDF : 2775937.3/22

In: 337.315+/-0.129 χ^2/NDF : 1064302.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 318.243+/-0.085 χ^2/NDF : 2775937.3/22

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: 0.223+/-0.158 χ^2/NDF : 20.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

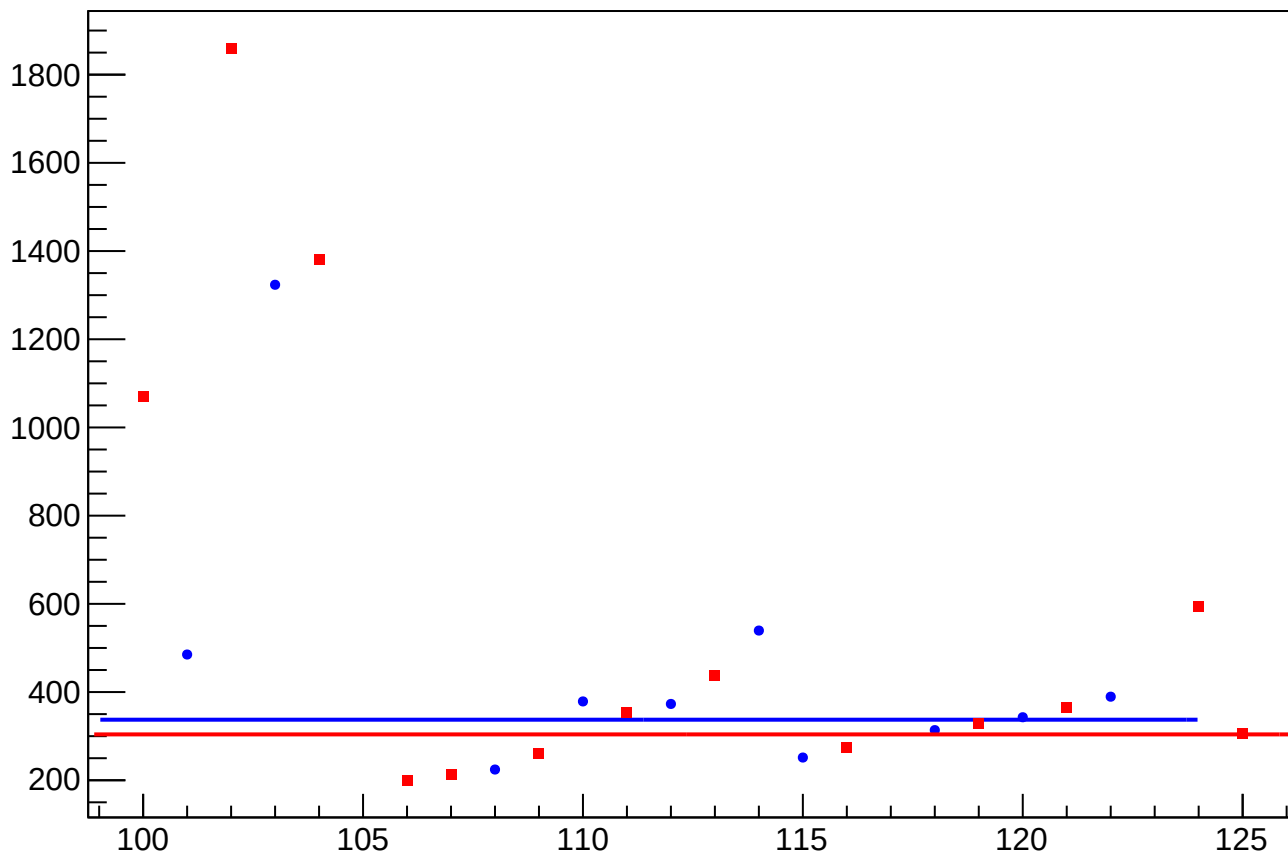
Right: 0.140+/-0.120 χ^2/NDF : 25.3/22

In: 0.030+/-0.183 χ^2/NDF : 4.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.140+/-0.120 χ^2/NDF : 25.3/22

asym_atr2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 337.315+/-0.129 χ^2/NDF : 1064302.5/9

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

Right Out: 303.997+/-0.112 χ^2/NDF : 1673643.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

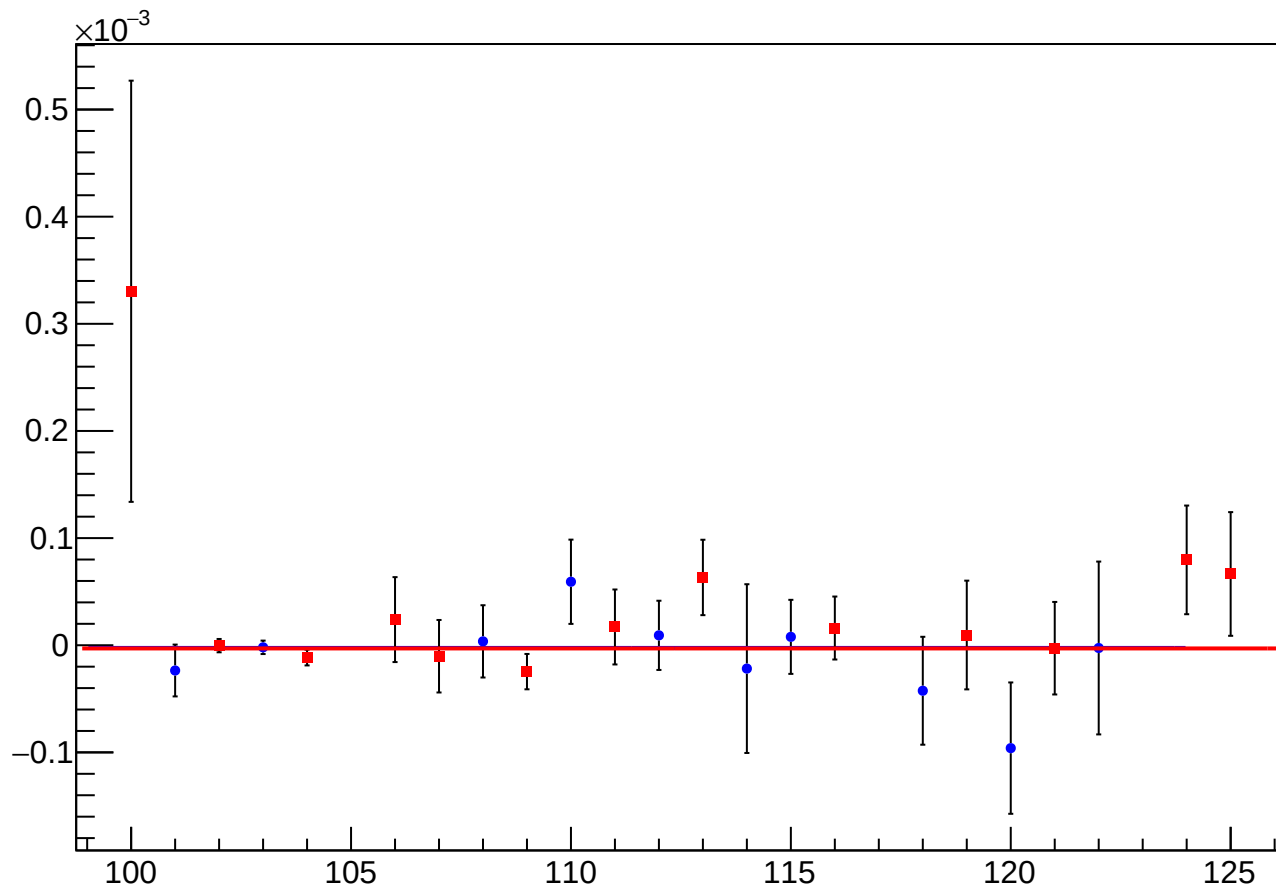
Right: 318.243+/-0.085 χ^2/NDF : 2775937.3/22

In: 337.315+/-0.129 χ^2/NDF :1064302.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 318.243+/-0.085 χ^2/NDF : 2775937.3/22

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 : 15.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

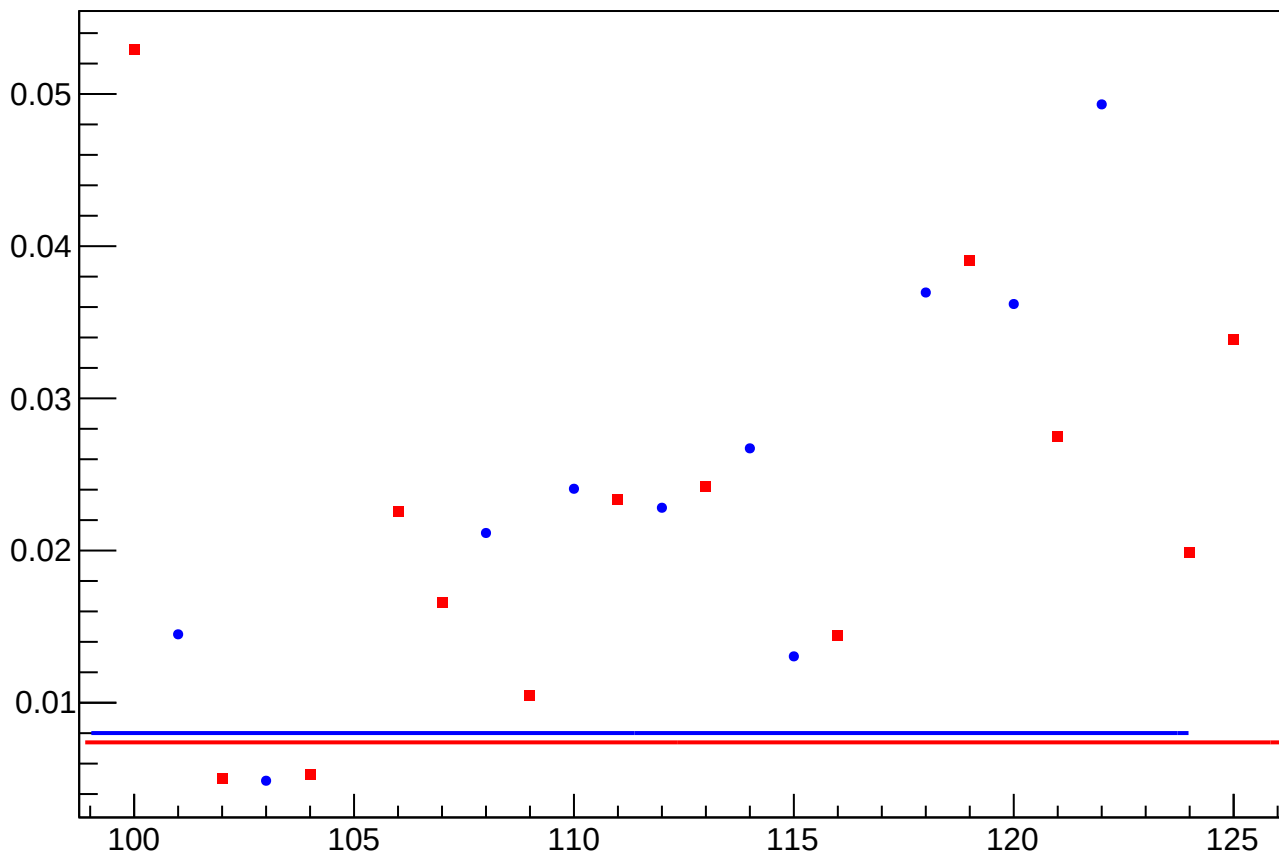
Right: -0.000+/-0.000 χ^2/NDF : 21.6/22

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 : 21.6/22

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 : 3819754.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

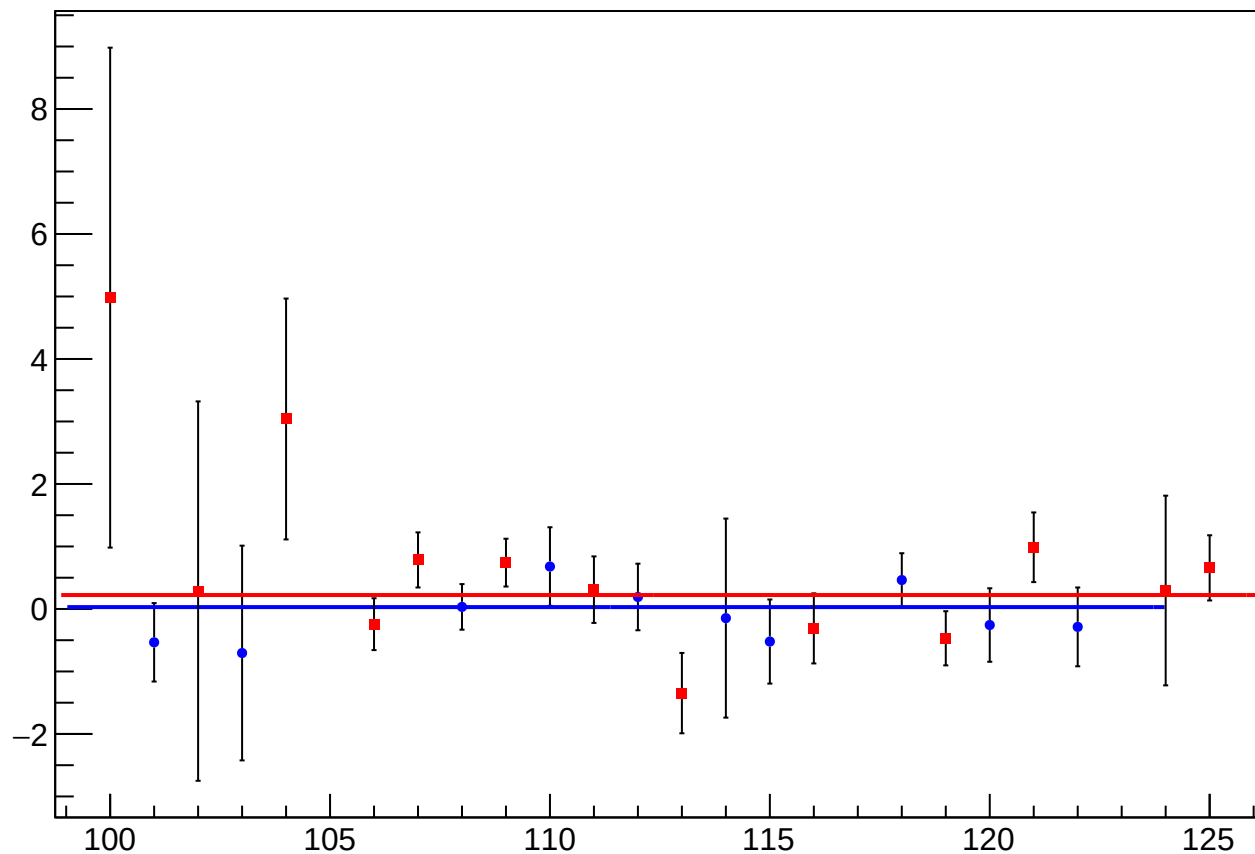
Right: 0.008+/-0.000 χ^2/NDF : 7299840.3/22

In: 0.008+/-0.000 χ^2/NDF :3465201.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.000 χ^2/NDF : 7299840.3/22

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: 0.223+/-0.158 χ^2/NDF : 20.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

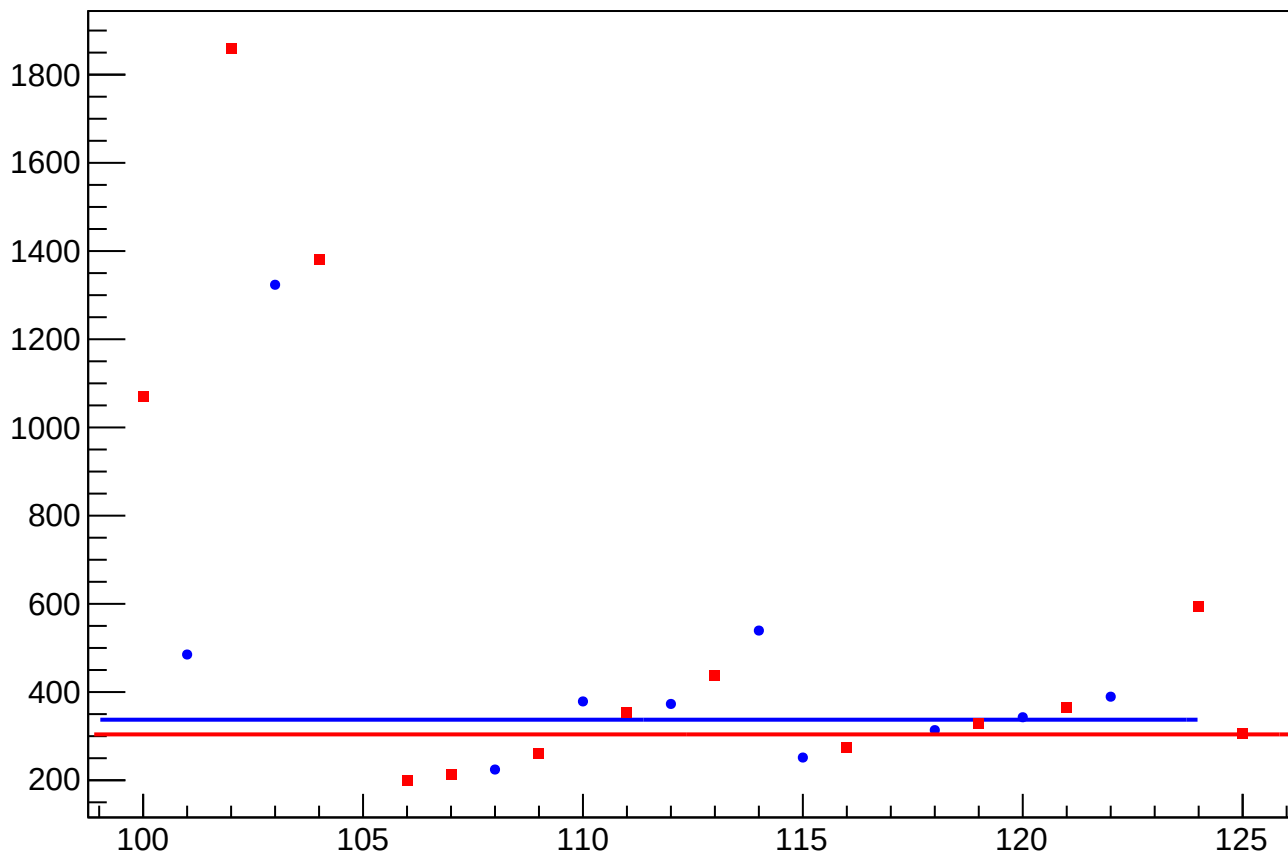
Right: 0.140+/-0.120 χ^2/NDF : 25.3/22

In: 0.030+/-0.183 χ^2/NDF : 4.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.140+/-0.120 χ^2/NDF : 25.3/22

asym_atr2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 337.311+/-0.129 χ^2/NDF : 1064330.6/9

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

Right Out: 303.997+/-0.112 χ^2/NDF : 1673638.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

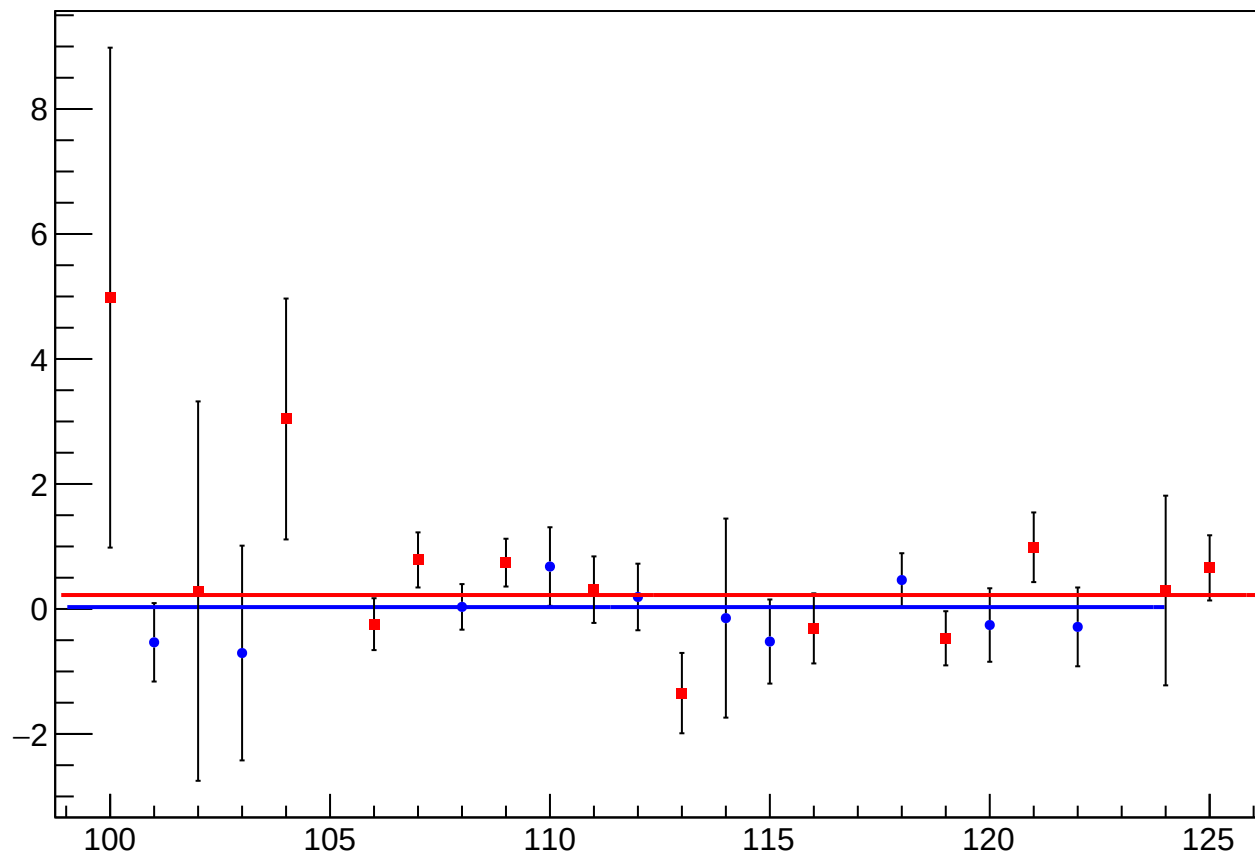
Right: 318.241+/-0.085 χ^2/NDF : 2775953.7/22

In: 337.311+/-0.129 χ^2/NDF :1064330.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 318.241+/-0.085 χ^2/NDF : 2775953.7/22

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: 0.223+/-0.158 χ^2/NDF : 20.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

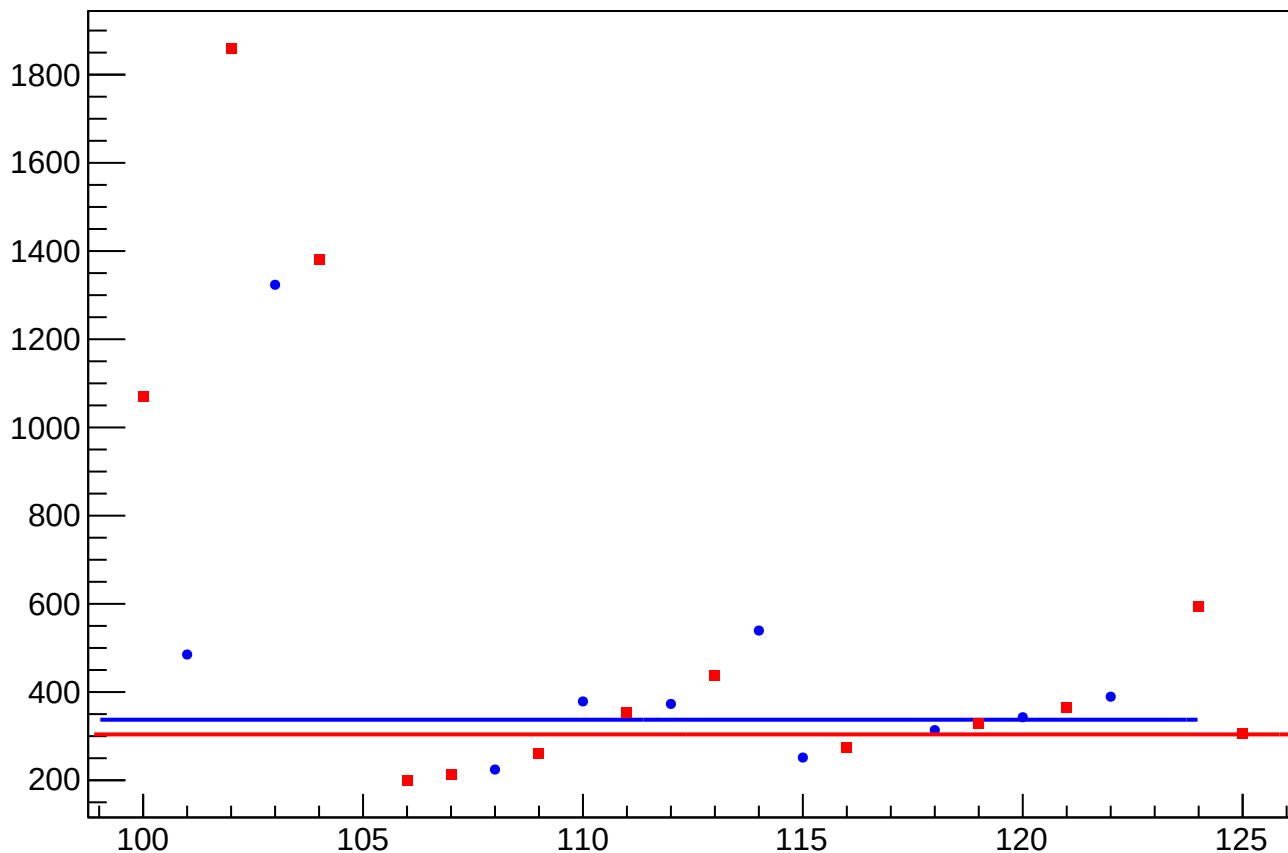
Right: 0.140+/-0.120 χ^2/NDF : 25.3/22

In: 0.030+/-0.183 χ^2/NDF : 4.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.140+/-0.120 χ^2/NDF : 25.3/22

asym_atr2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 337.311+/-0.129 χ^2/NDF : 1064330.6/9

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

Right Out: 303.997+/-0.112 χ^2/NDF : 1673638.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

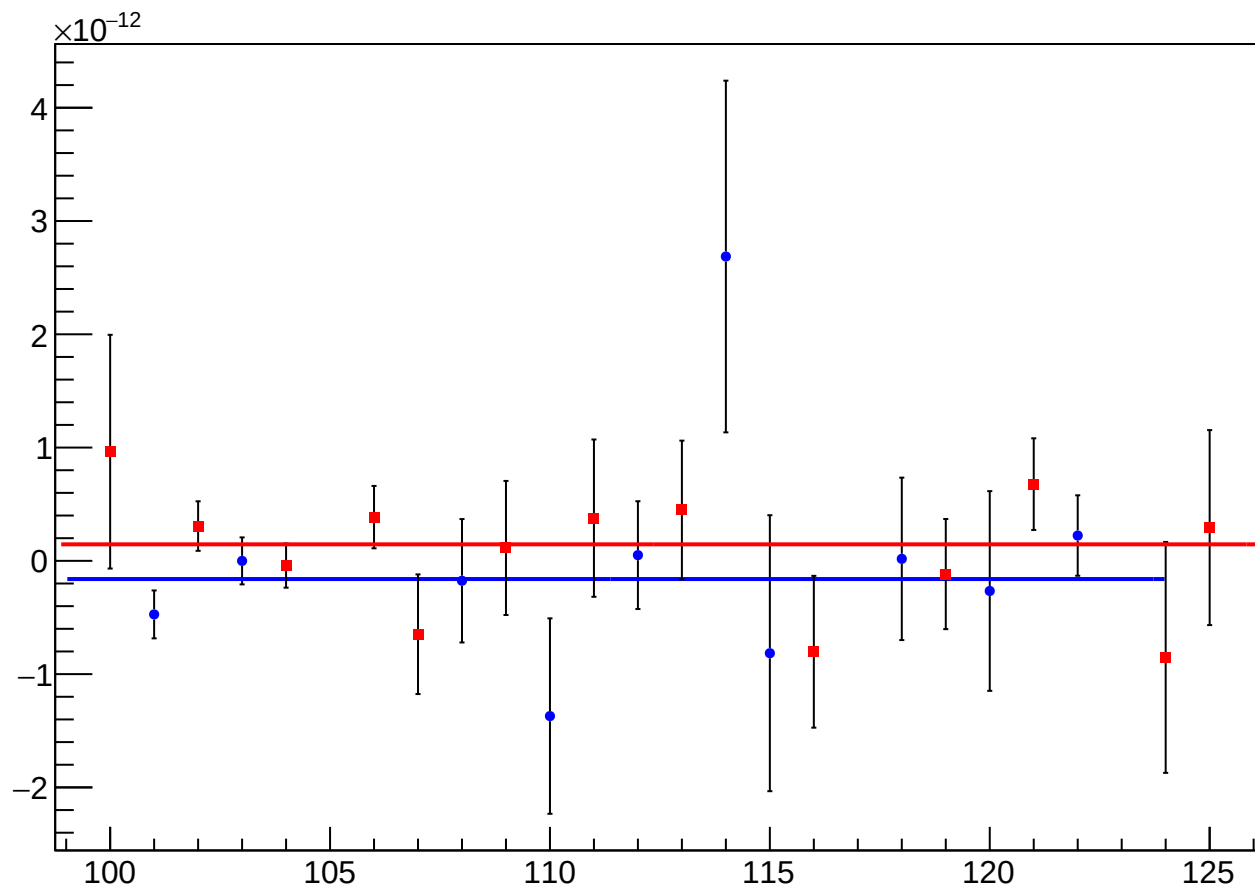
Right: 318.241+/-0.085 χ^2/NDF : 2775953.7/22

In: 337.311+/-0.129 χ^2/NDF :1064330.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 318.241+/-0.085 χ^2/NDF : 2775953.7/22

asym_atr2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 9.8/9

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

Right Out: 0.000+/-0.000 χ^2 /NDF: 10.5/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

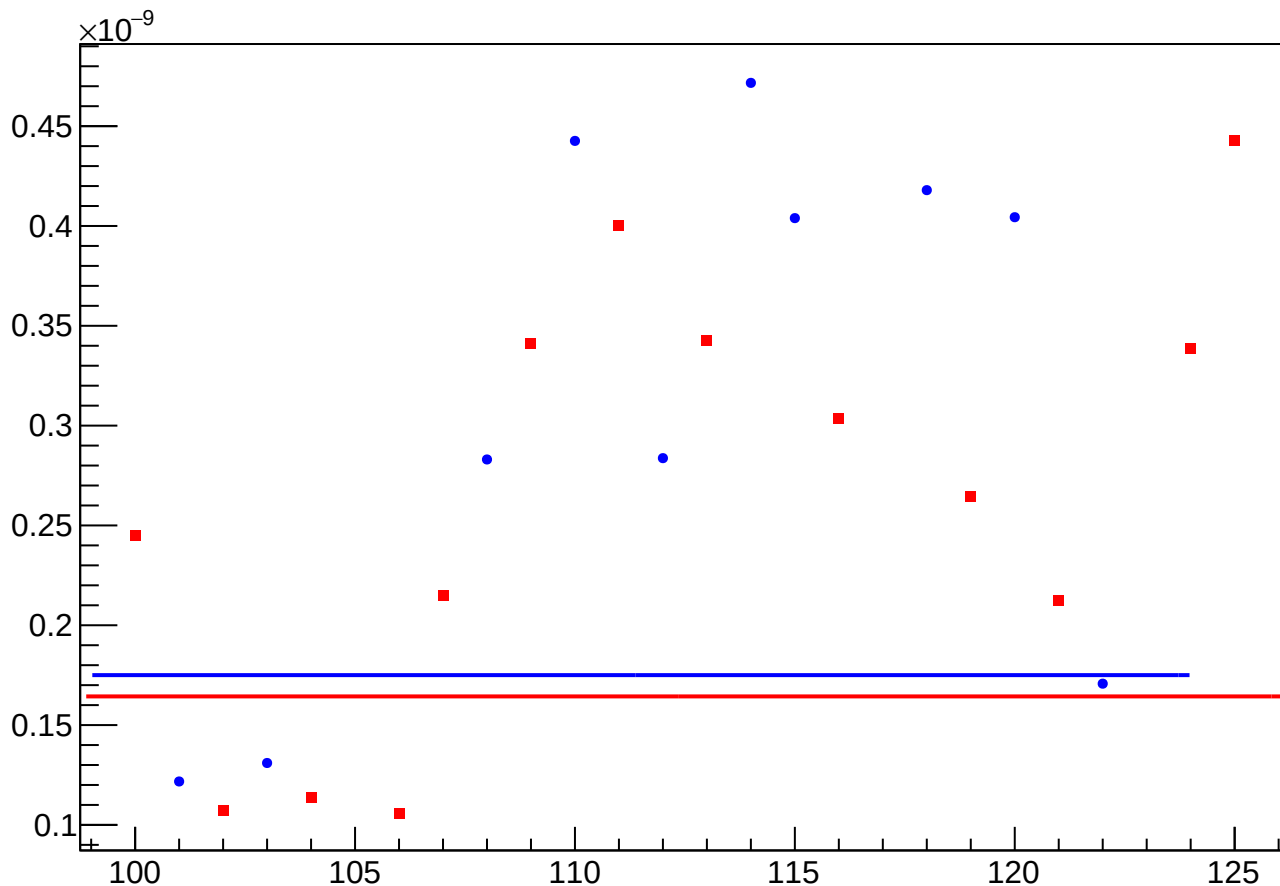
Right: 0.000+/-0.000 χ^2 /NDF: 23.9/22

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: 23.9/22

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 : 1438659.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

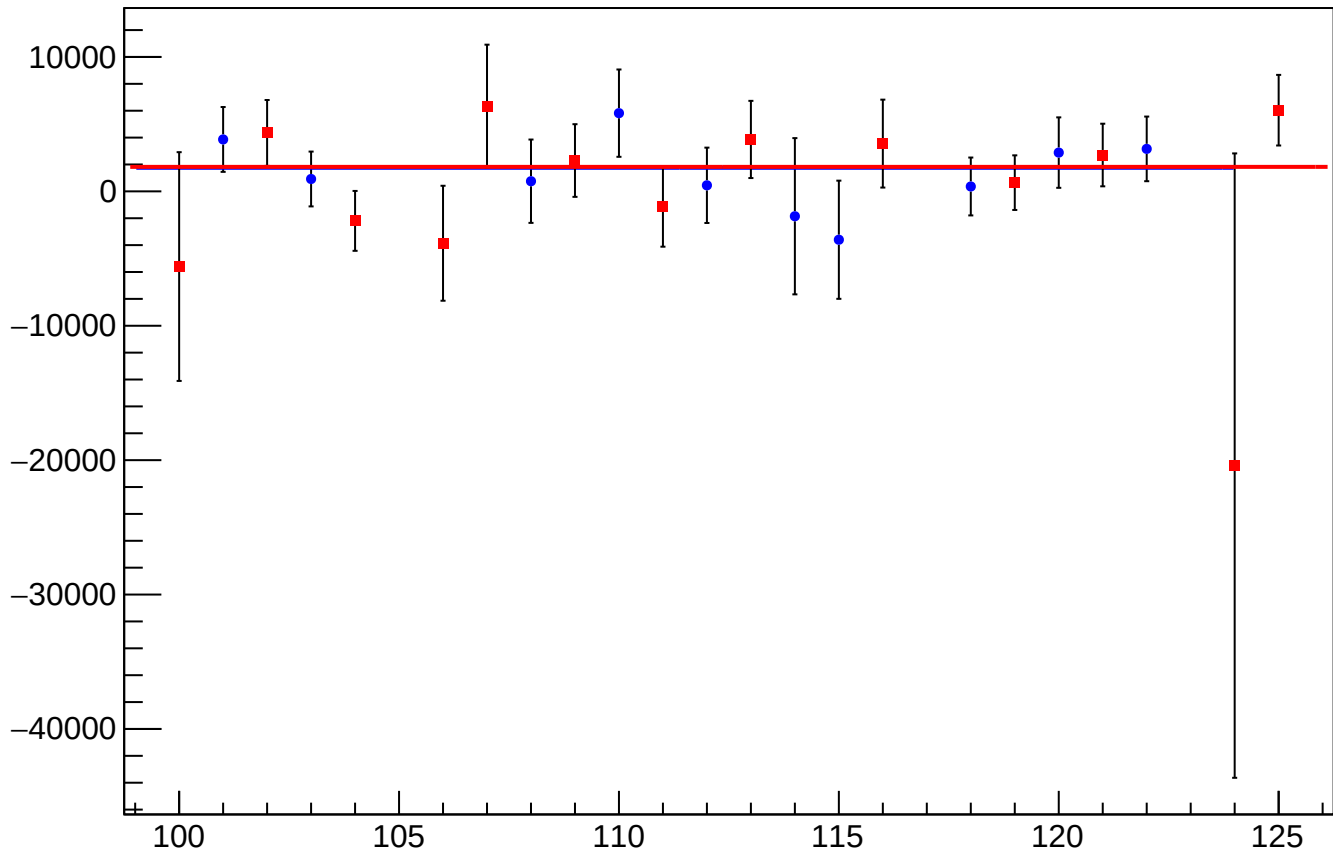
Right: 0.000+/-0.000 χ^2/NDF : 2548843.5/22

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 : 2548843.5/22

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: 1821.601+/-810.549 χ^2/NDF : 13.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

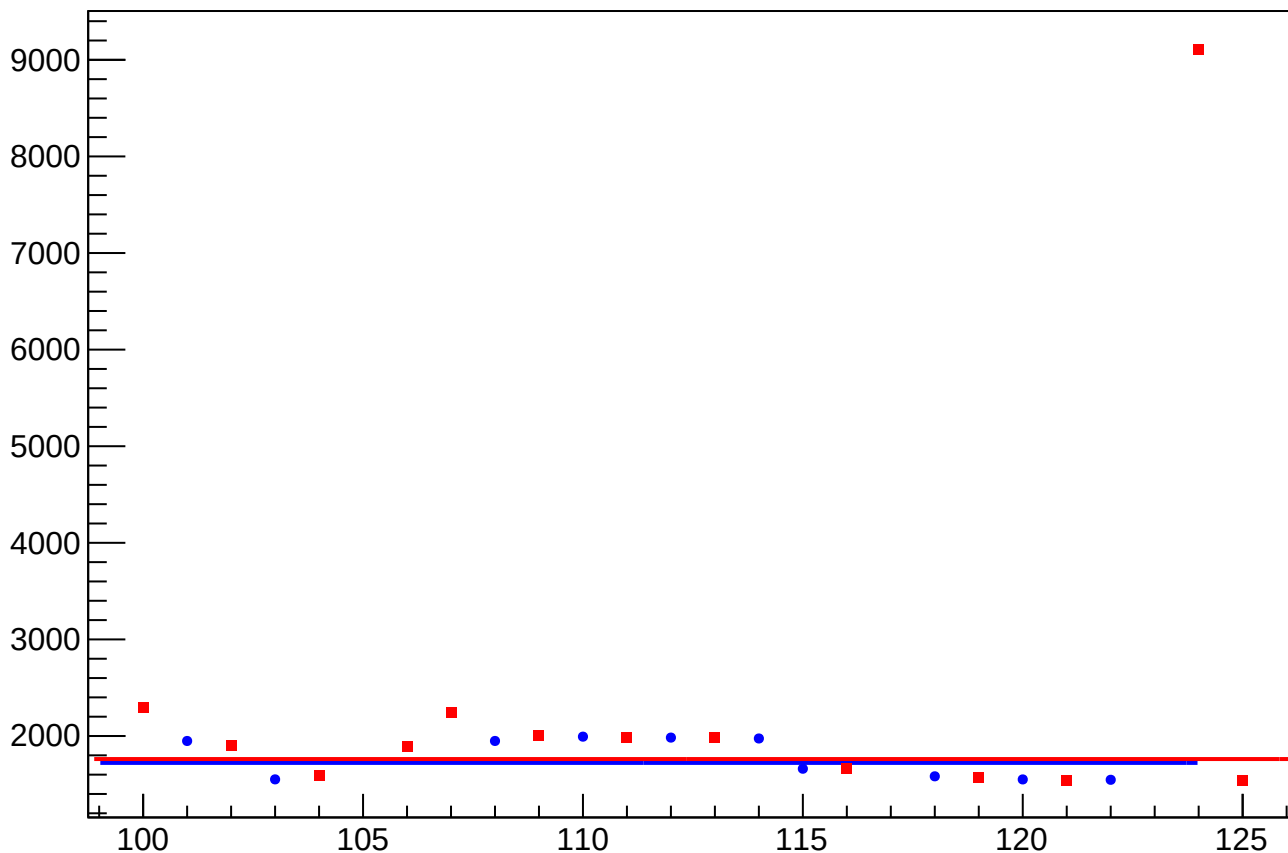
Right: 1790.154+/-589.678 χ^2/NDF : 19.2/22

In: 1754.796+/-859.458 χ^2/NDF : 5.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1790.154+/-589.678 χ^2/NDF : 19.2/22

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: 1761.574+/-0.569 χ^2/NDF : 342296.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

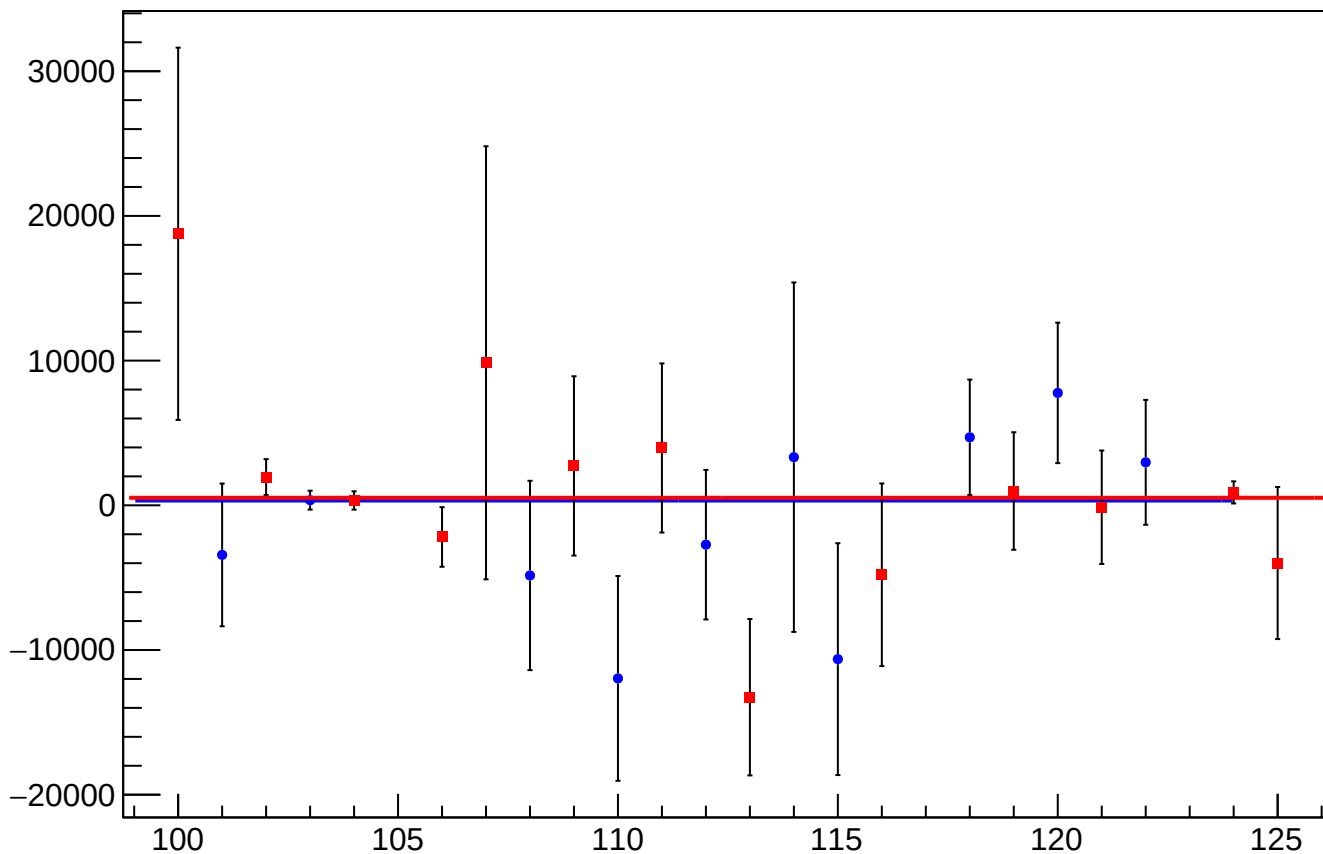
Right: 1742.937+/-0.415 χ^2/NDF : 450043.1/22

In: 1721.666+/-0.608 χ^2/NDF : 105447.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1742.937+/-0.415 χ^2/NDF : 450043.1/22

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: 519.891+/-431.252 χ^2/NDF : 14.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

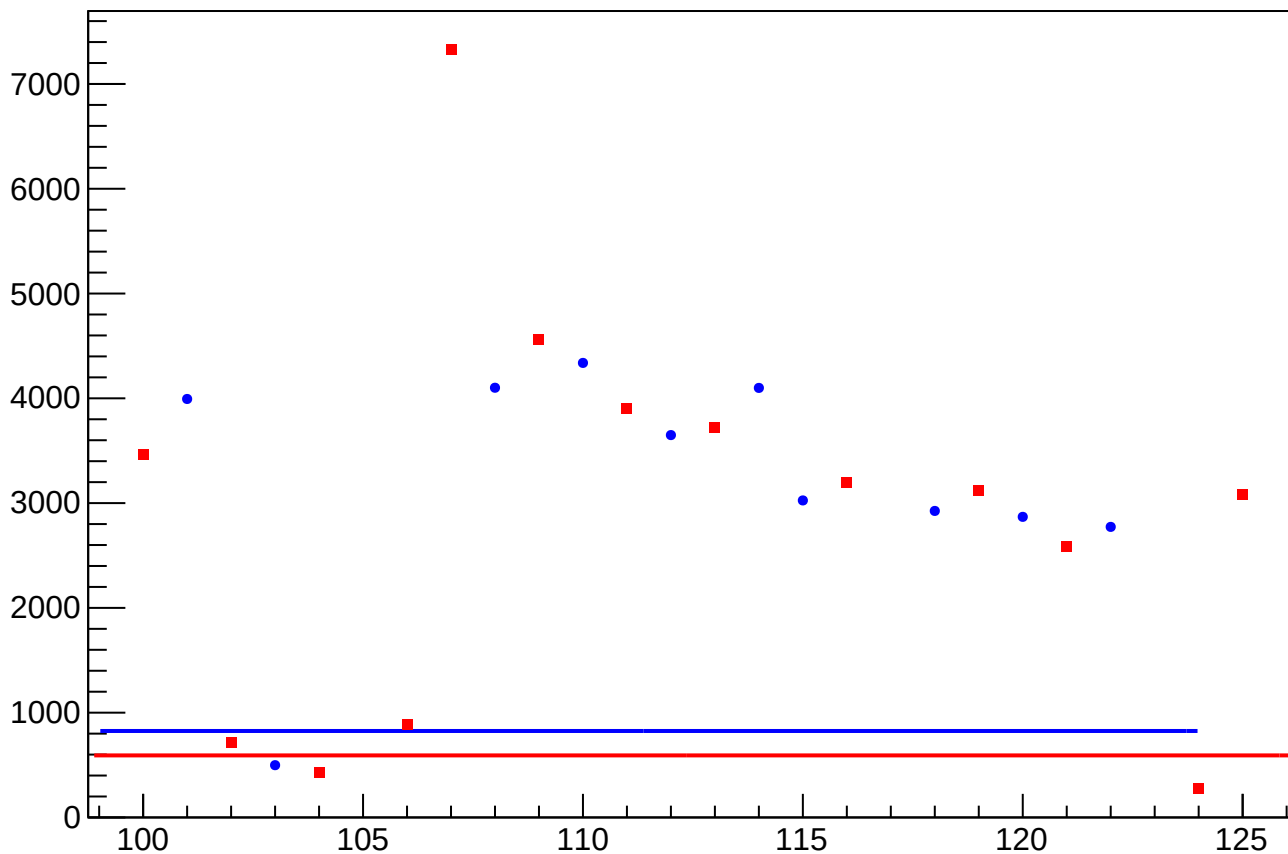
Right: 458.344+/-353.145 χ^2/NDF : 24.8/22

In: 333.061+/-615.278 χ^2/NDF :10.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 458.344+/-353.145 χ^2/NDF : 24.8/22

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: 592.202+/-0.305 χ^2/NDF : 5247454.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

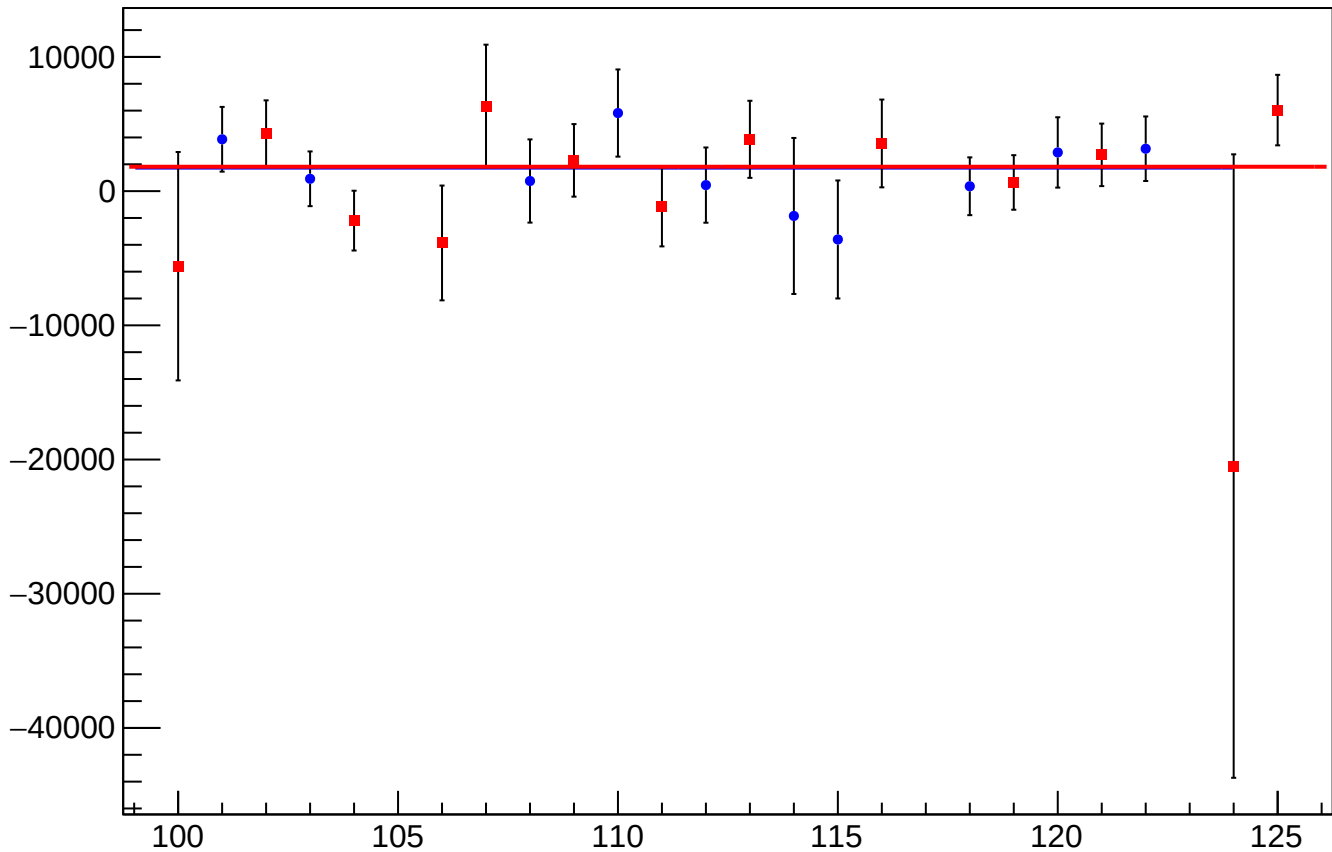
Right: 668.980+/-0.250 χ^2/NDF : 9970323.3/22

In: 825.265+/-0.435 χ^2/NDF : 4530436.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 668.980+/-0.250 χ^2/NDF : 9970323.3/22

cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1755.097+/-859.459 χ^2/NDF : 5.6/9

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

Right Out: 1817.639+/-810.559 χ^2/NDF : 13.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

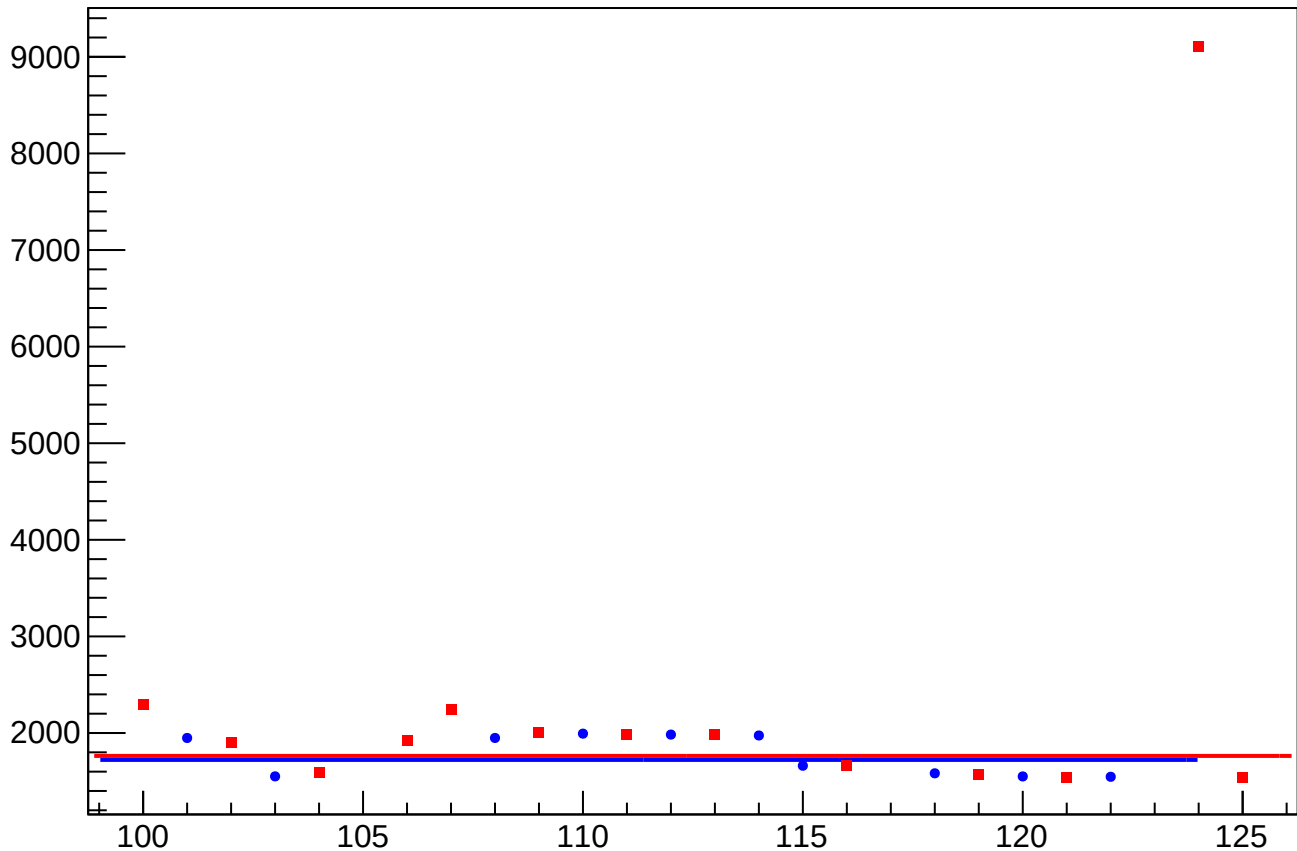
Right: 1788.197+/-589.682 χ^2/NDF : 19.2/22

In: 1755.097+/-859.459 χ^2/NDF : 5.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1788.197+/-589.682 χ^2/NDF : 19.2/22

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: 1762.964+/-0.569 χ^2/NDF : 343675.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

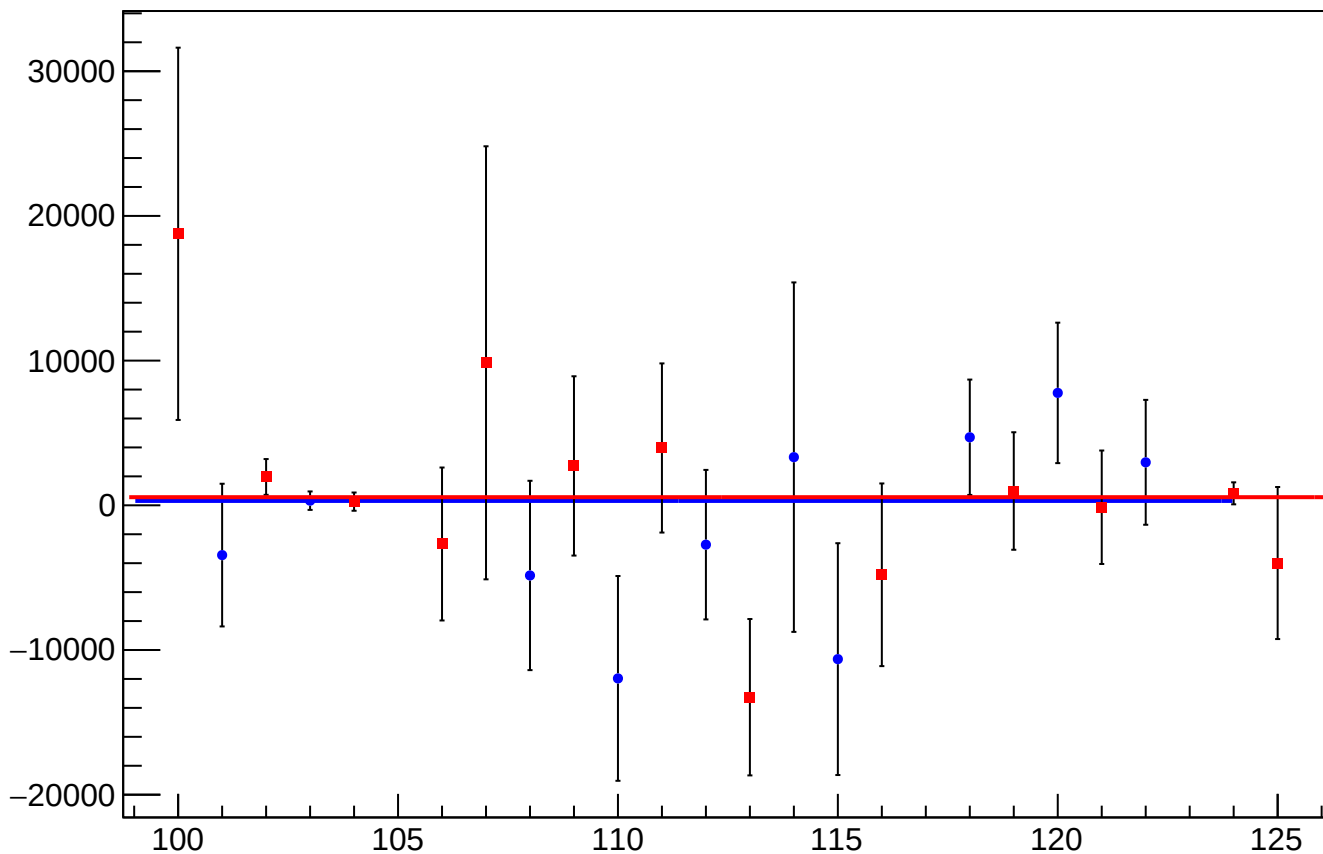
Right: 1743.662+/-0.415 χ^2/NDF : 451582.7/22

In: 1721.665+/-0.608 χ^2/NDF : 105447.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1743.662+/-0.415 χ^2/NDF : 451582.7/22

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: 561.497+/-437.365 χ^2/NDF : 12.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

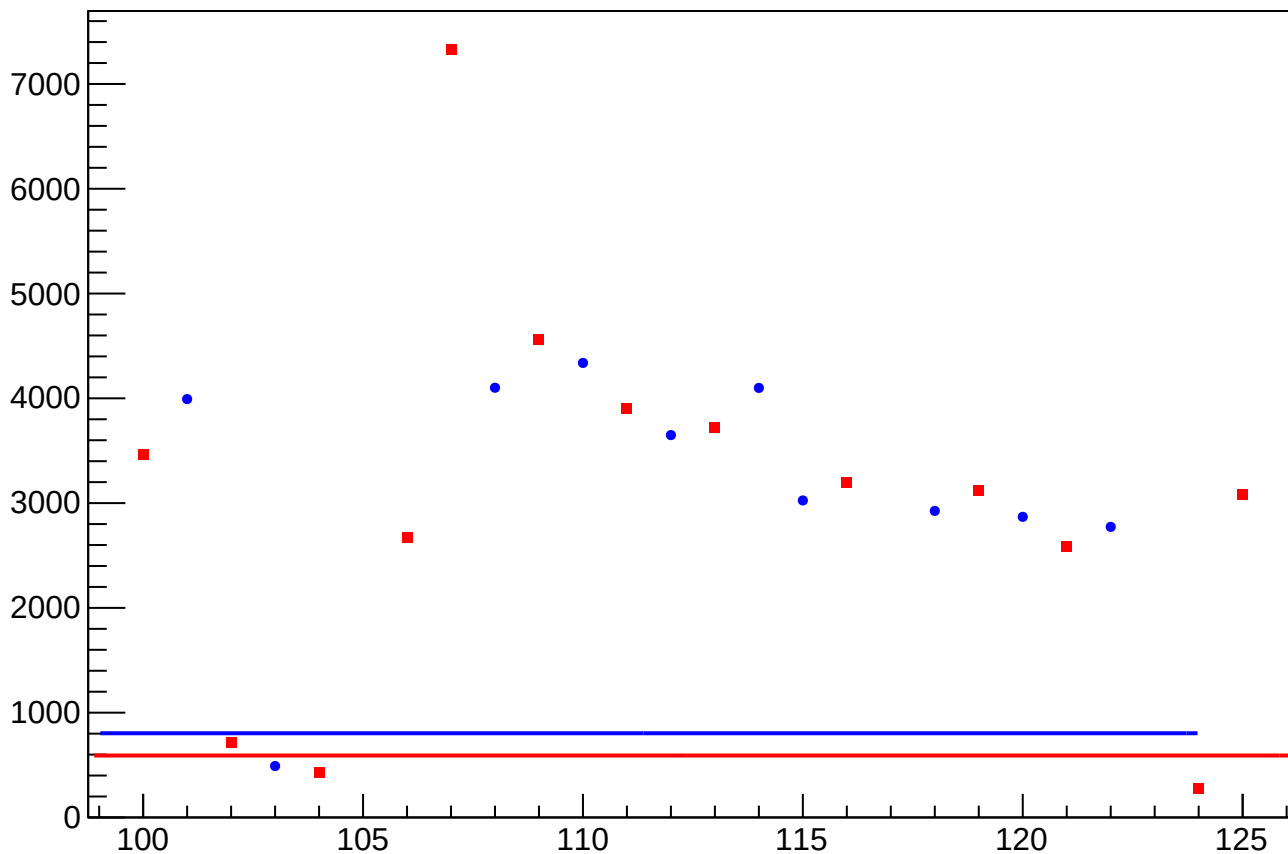
Right: 471.880+/-353.744 χ^2/NDF : 23.5/22

In: 302.360+/-601.532 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 471.880+/-353.744 χ^2/NDF : 23.5/22

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: 591.265+/-0.309 χ^2/NDF : 5527150.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

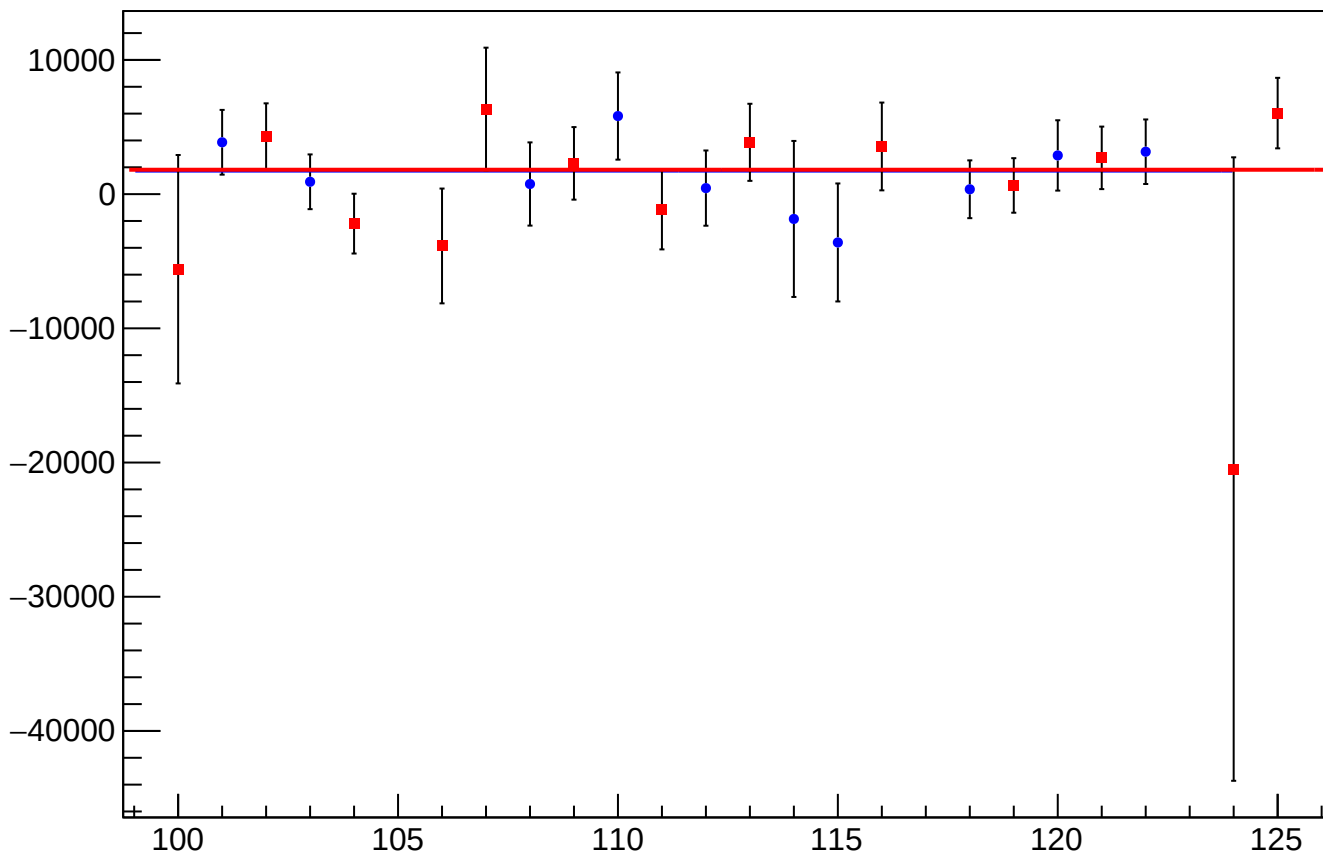
Right: 664.698+/-0.250 χ^2/NDF : 10270399.3/22

In: 803.603+/-0.425 χ^2/NDF : 4580221.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 664.698+/-0.250 χ^2/NDF : 10270399.3/22

eigen_cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1755.097+/-859.459 χ^2/NDF : 5.6/9

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

Right Out: 1817.639+/-810.559 χ^2/NDF : 13.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

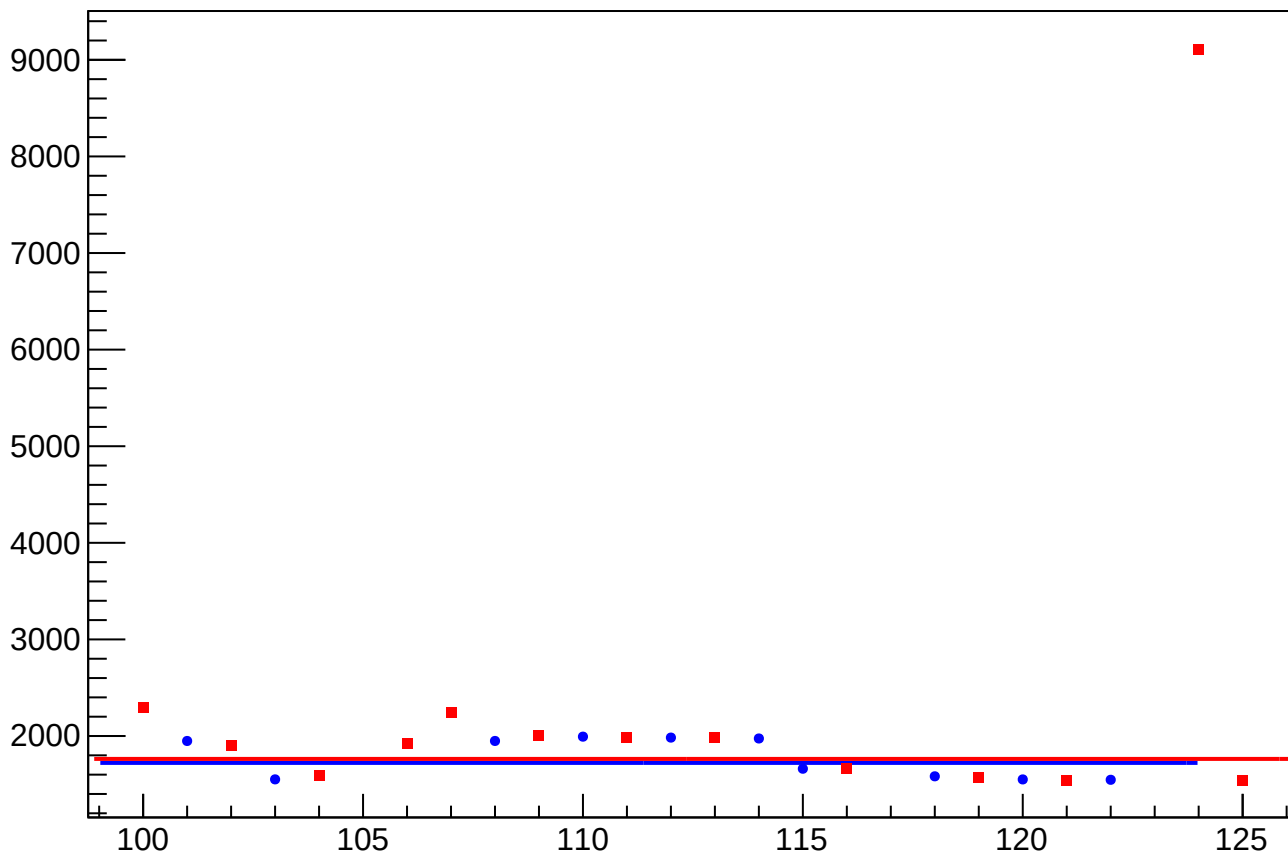
Right: 1788.197+/-589.682 χ^2/NDF : 19.2/22

In: 1755.097+/-859.459 χ^2/NDF : 5.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1788.197+/-589.682 χ^2/NDF : 19.2/22

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: 1762.964+/-0.569 χ^2/NDF : 343675.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

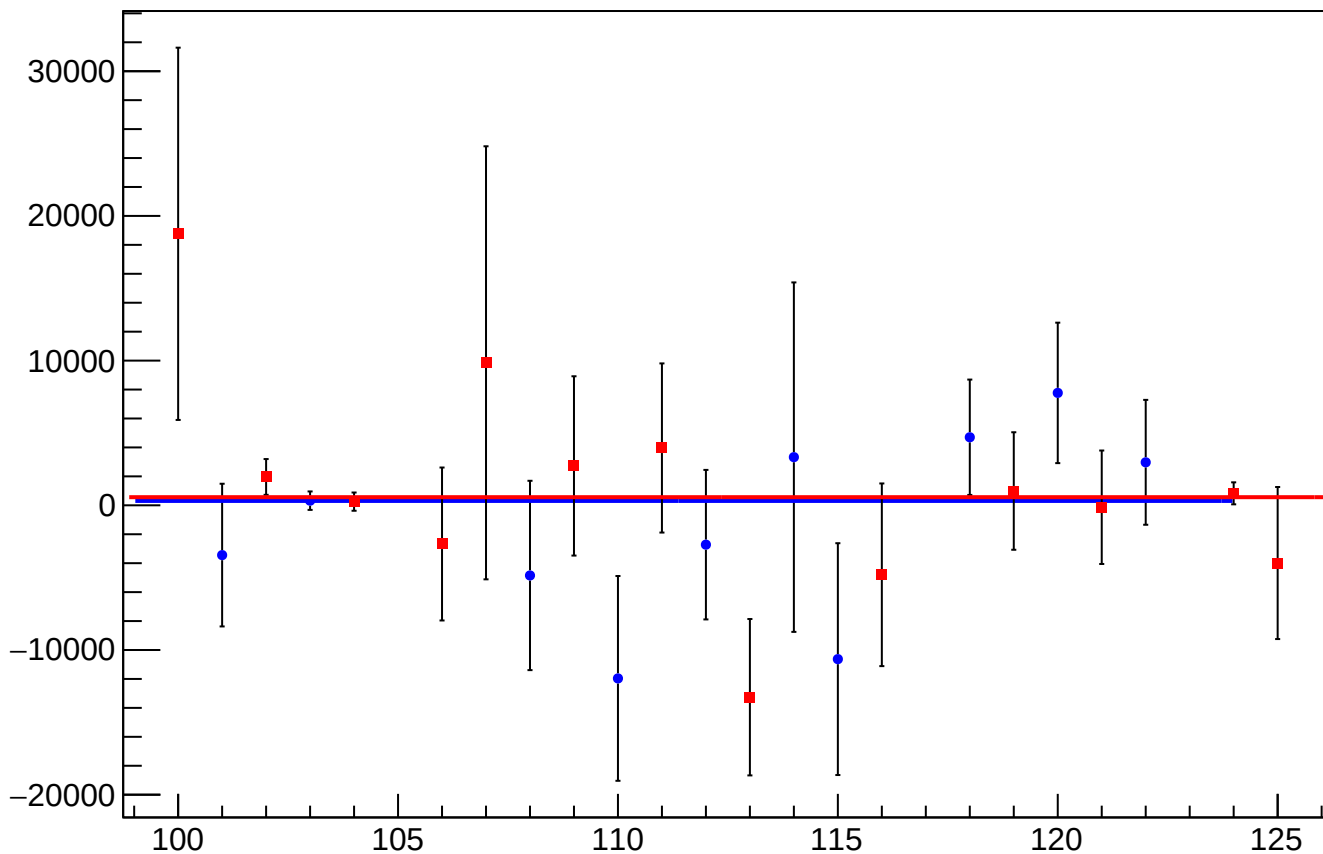
Right: 1743.662+/-0.415 χ^2/NDF : 451582.7/22

In: 1721.665+/-0.608 χ^2/NDF : 105447.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1743.662+/-0.415 χ^2/NDF : 451582.7/22

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: 561.497+/-437.365 χ^2/NDF : 12.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

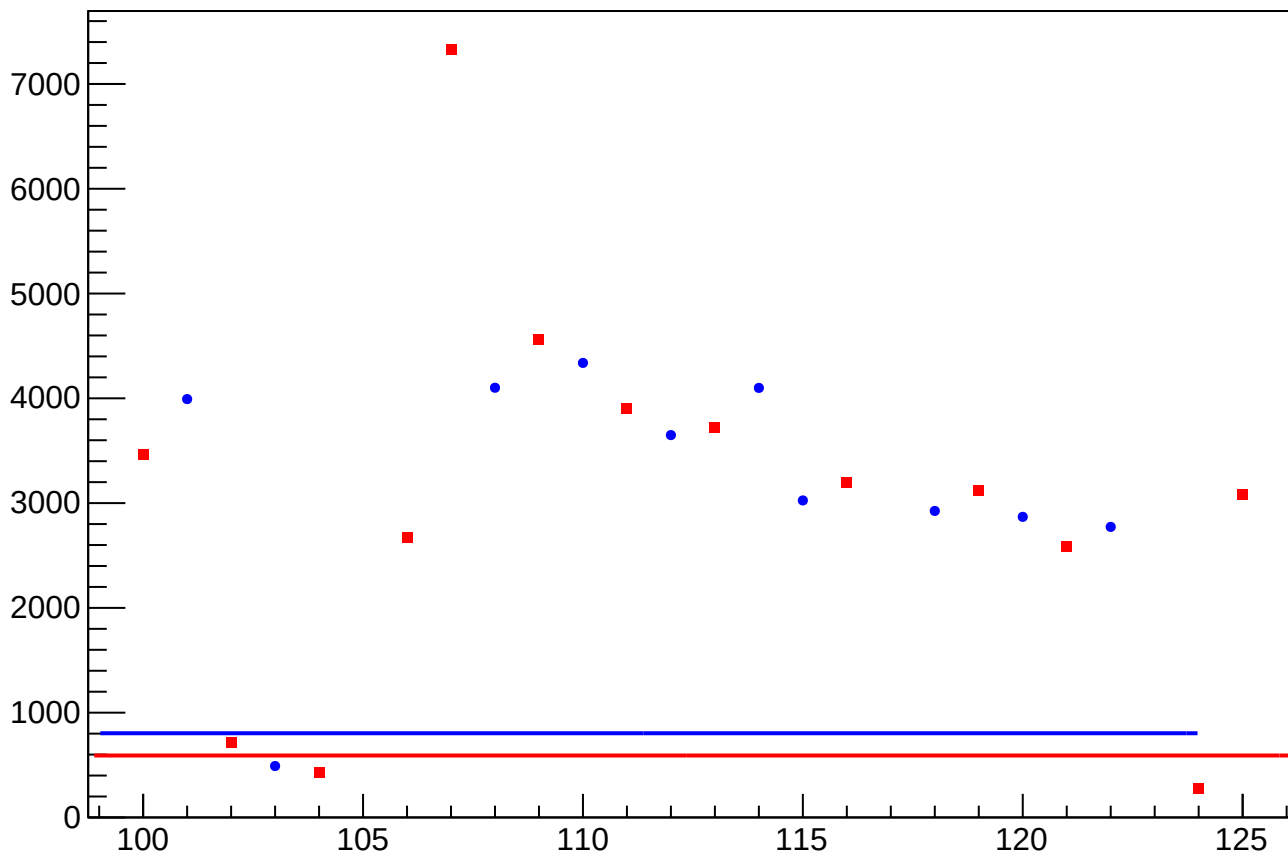
Right: 471.880+/-353.744 χ^2/NDF : 23.5/22

In: 302.360+/-601.532 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 471.880+/-353.744 χ^2/NDF : 23.5/22

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: 591.265+/-0.309 χ^2/NDF : 5527150.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

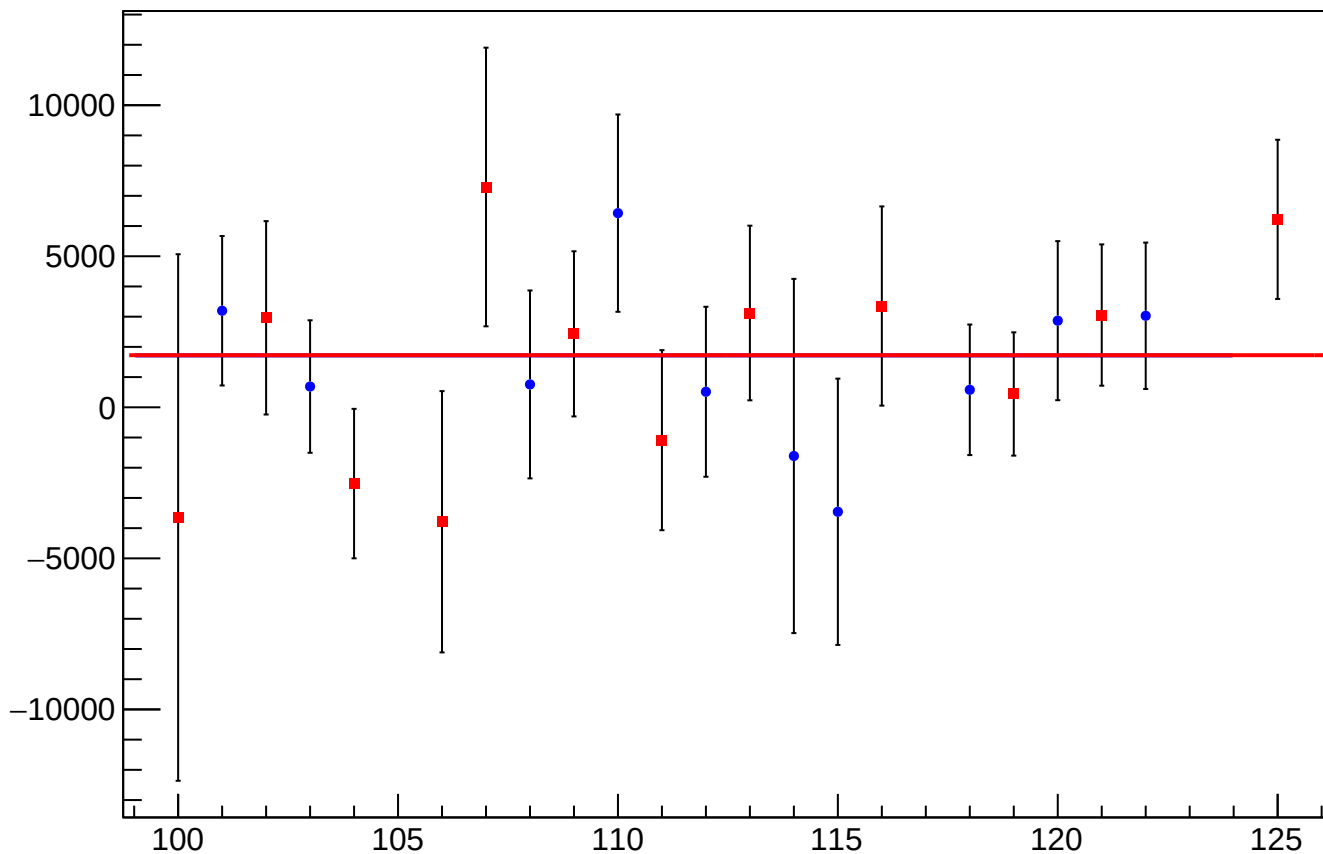
Right: 664.698+/-0.250 χ^2/NDF : 10270399.3/22

In: 803.603+/-0.425 χ^2/NDF :4580221.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 664.698+/-0.250 χ^2/NDF : 10270399.3/22

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: 1724.809+/-845.146 χ^2/NDF : 11.6/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

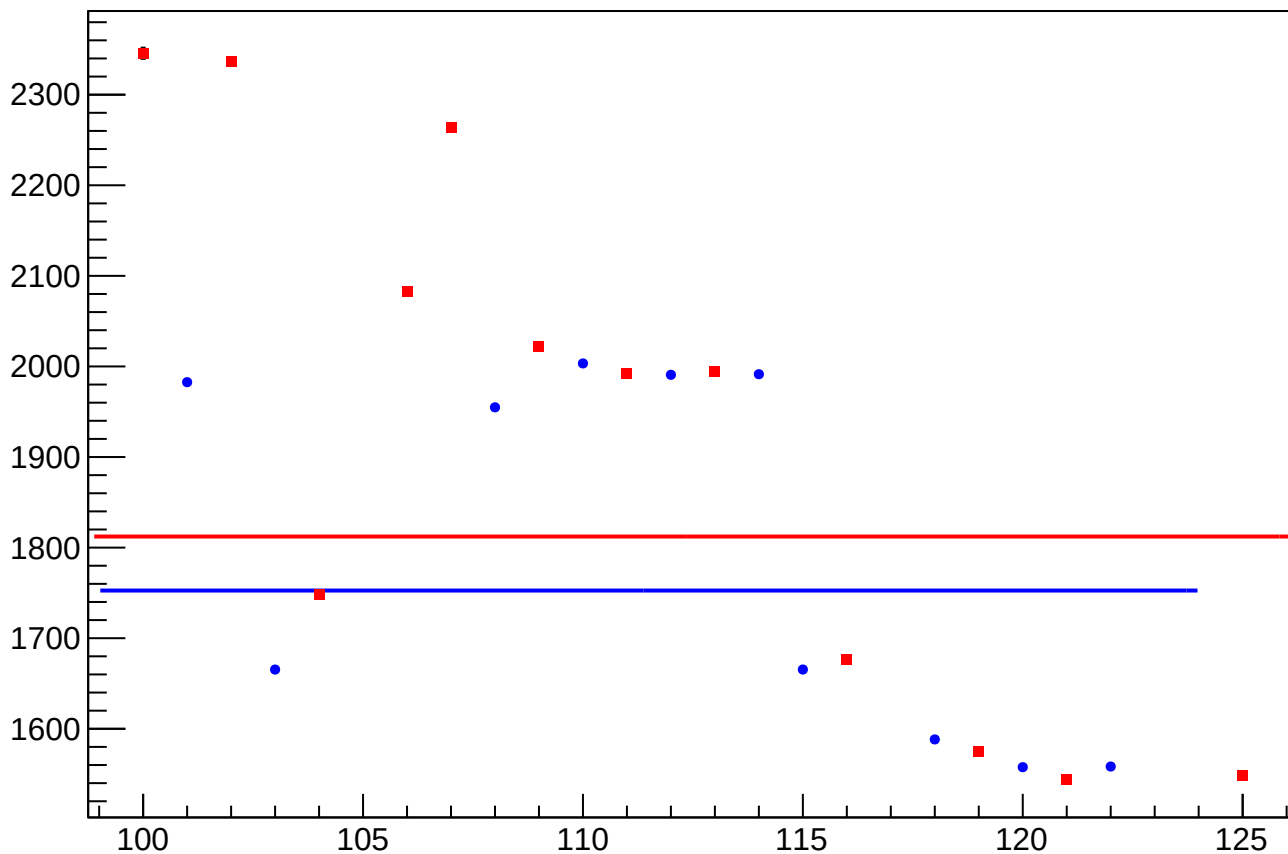
Right: 1721.409+/-608.081 χ^2/NDF : 17.0/21

In: 1717.760+/-875.575 χ^2/NDF : 5.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1721.409+/-608.081 χ^2/NDF : 17.0/21

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: 1812.251+/-0.595 χ^2/NDF : 194866.4/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

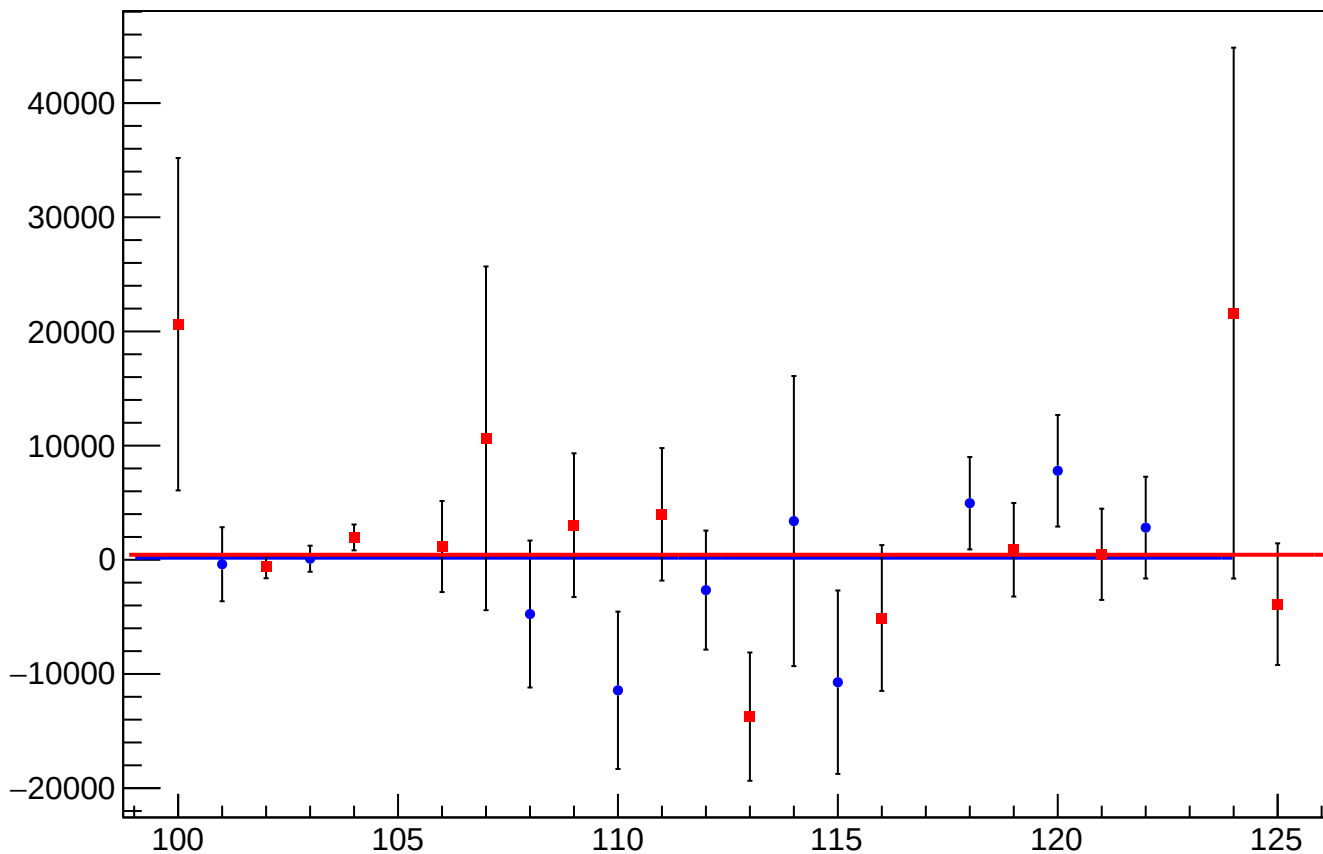
Right: 1783.597+/-0.429 χ^2/NDF : 294239.2/21

In: 1752.614+/-0.619 χ^2/NDF : 94552.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1783.597+/-0.429 χ^2/NDF : 294239.2/21

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: 440.367+/-706.245 χ^2/NDF : 14.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

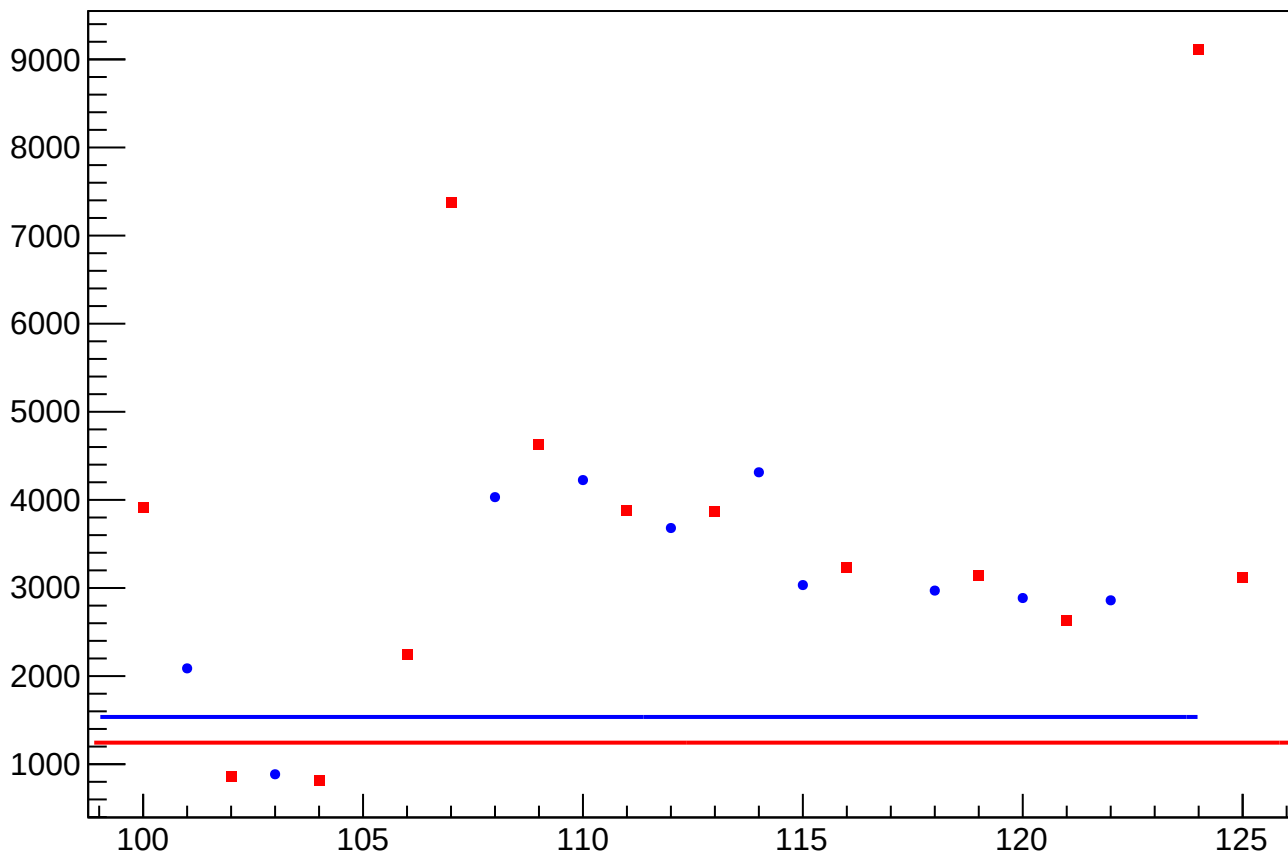
Right: 349.139+/-565.708 χ^2/NDF : 24.1/22

In: 185.817+/-944.965 χ^2/NDF :9.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 349.139+/-565.708 χ^2/NDF : 24.1/22

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: 1244.551+/-0.499 χ^2/NDF : 3851548.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

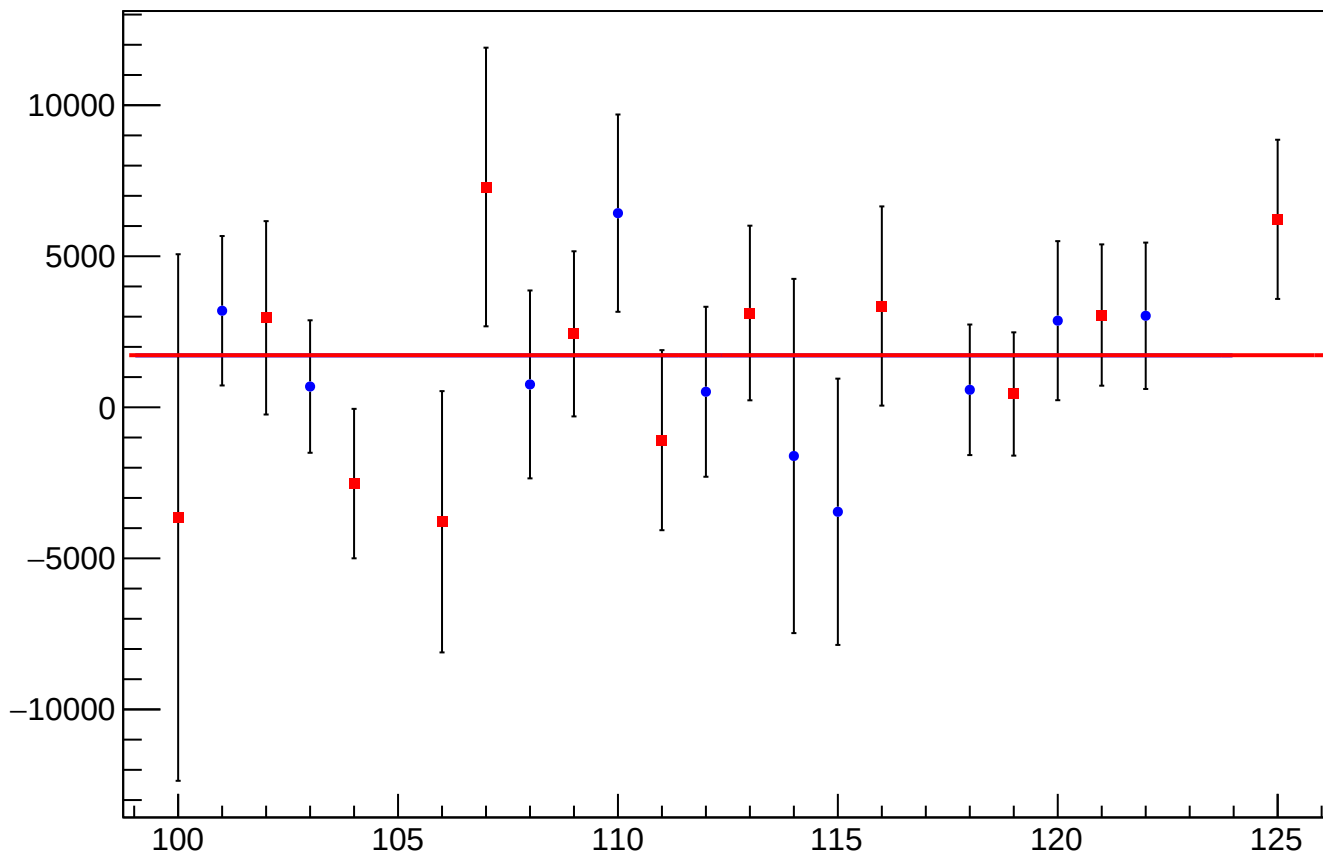
Right: 1349.086+/-0.400 χ^2/NDF : 6370746.8/22

In: 1536.233+/-0.668 χ^2/NDF : 2396937.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1349.086+/-0.400 χ^2/NDF : 6370746.8/22

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: 1724.814+/-845.146 χ^2/NDF : 11.6/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

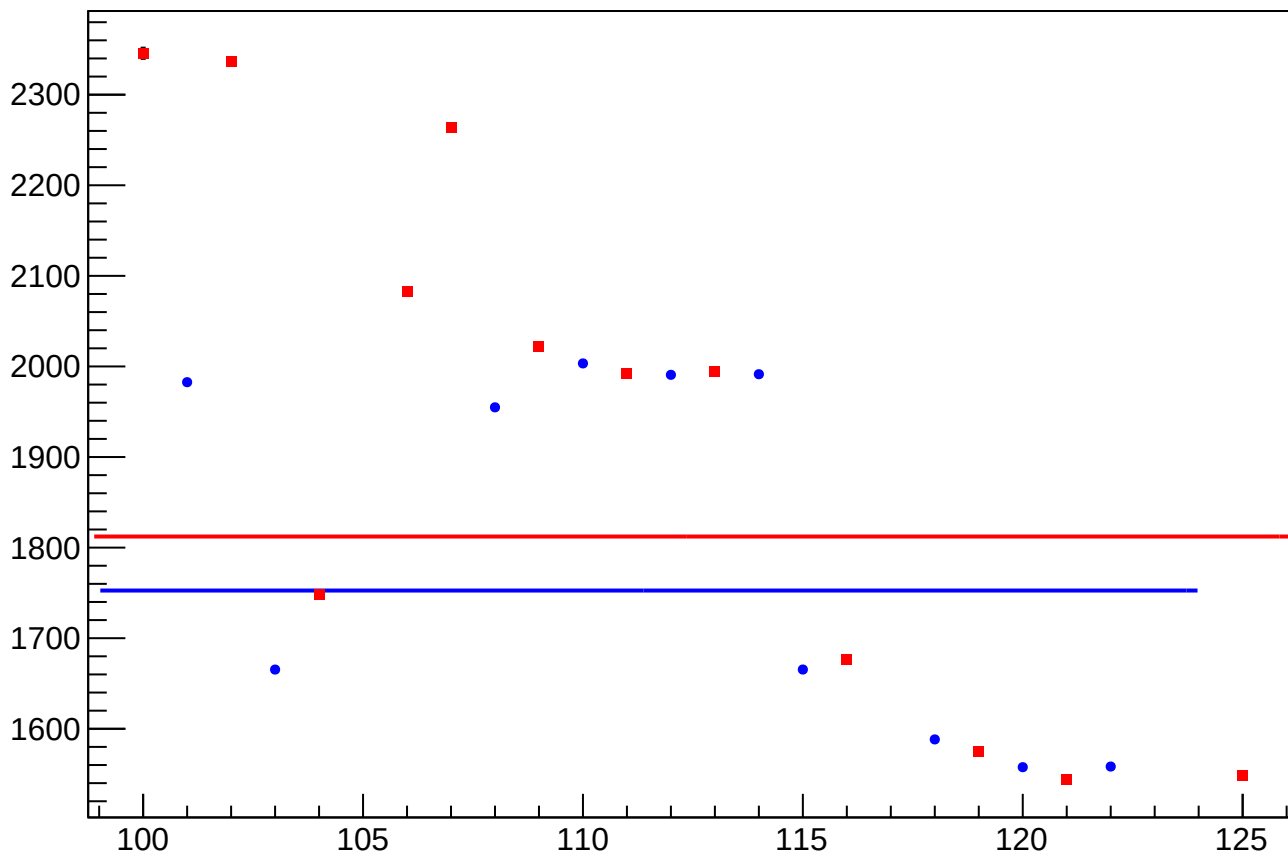
Right: 1721.410+/-608.081 χ^2/NDF : 17.0/21

In: 1717.756+/-875.575 χ^2/NDF : 5.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1721.410+/-608.081 χ^2/NDF : 17.0/21

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: 1812.250+/-0.595 χ^2/NDF : 194866.2/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

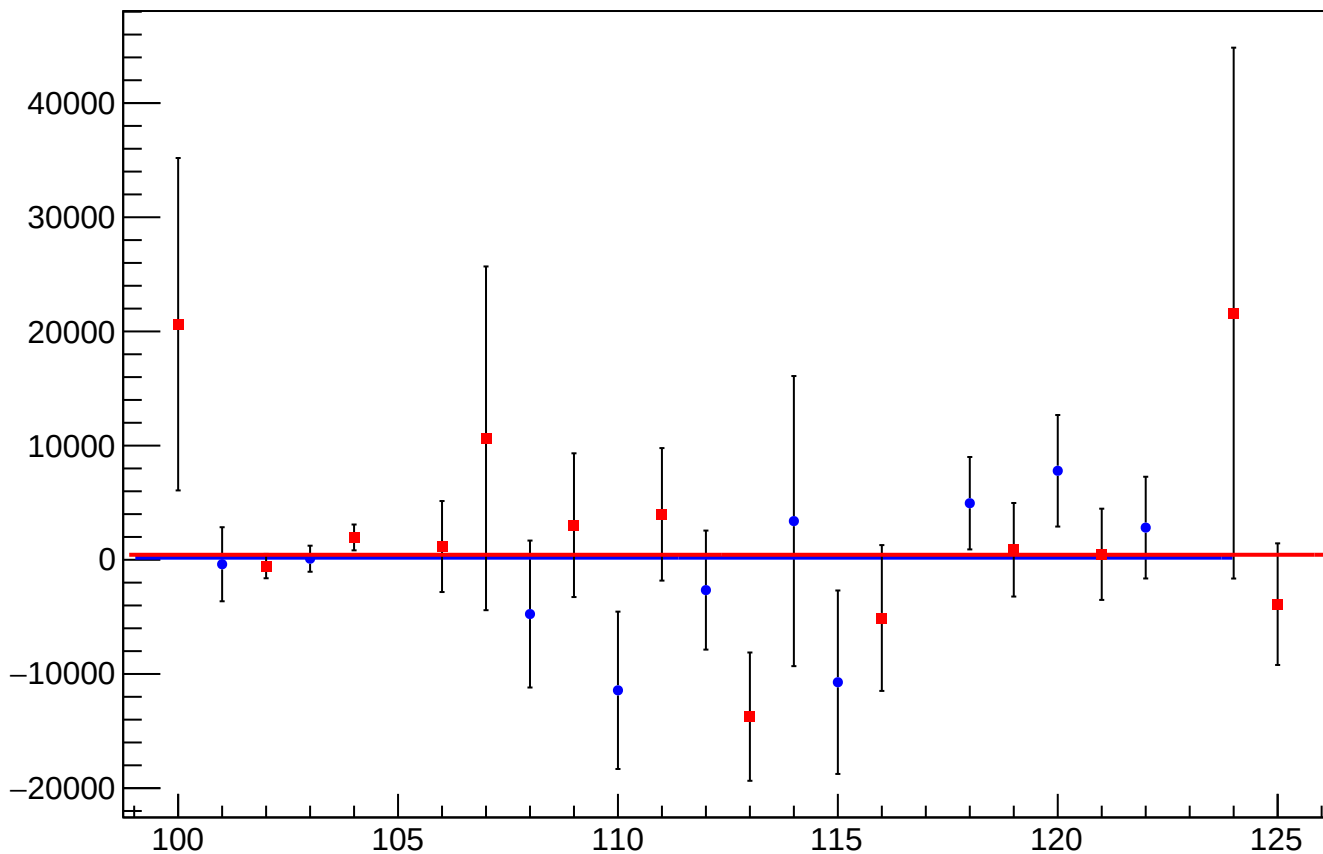
Right: 1783.597+/-0.429 χ^2/NDF : 294239.3/21

In: 1752.613+/-0.619 χ^2/NDF : 94552.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1783.597+/-0.429 χ^2/NDF : 294239.3/21

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: 440.365+/-706.240 χ^2/NDF : 14.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

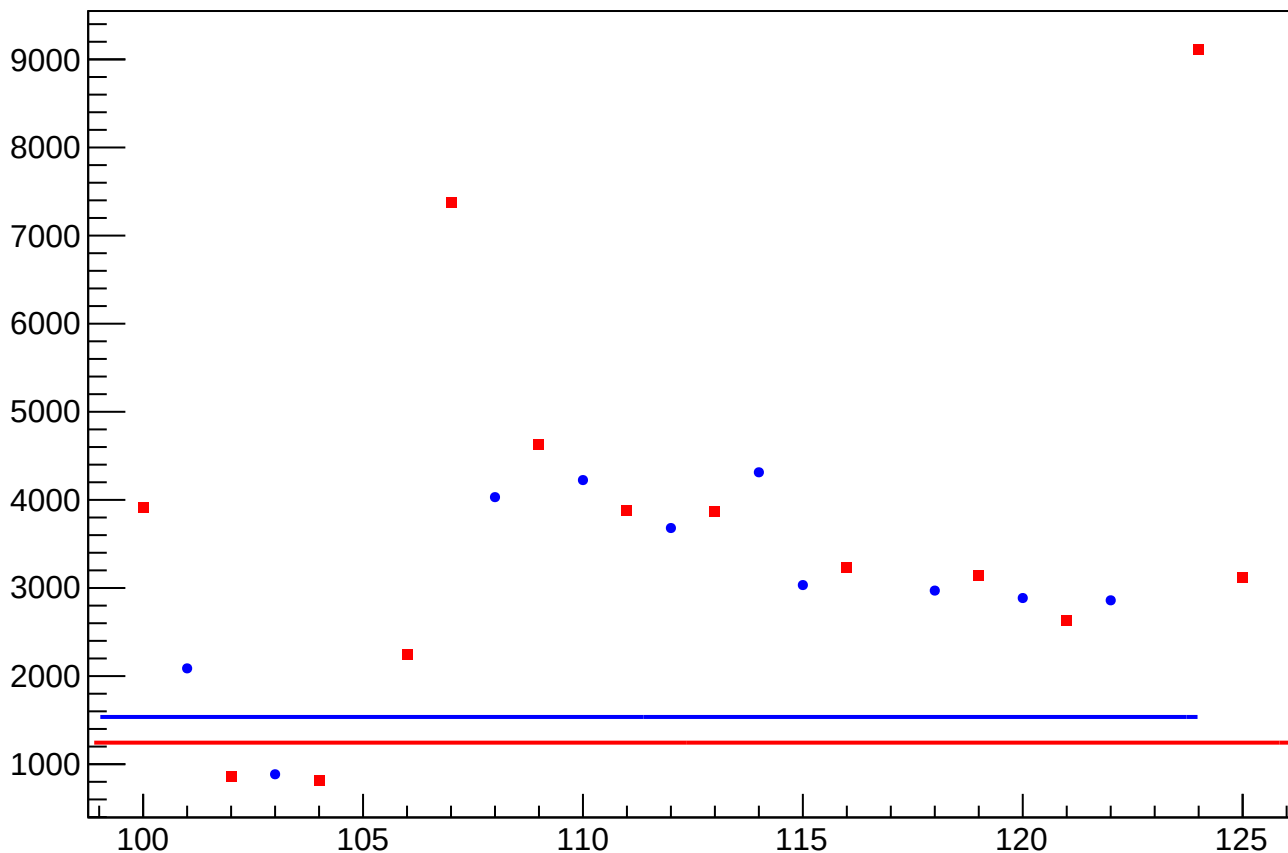
Right: 349.139+/-565.703 χ^2/NDF : 24.1/22

In: 185.818+/-944.958 χ^2/NDF :9.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 349.139+/-565.703 χ^2/NDF : 24.1/22

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: 1244.540+/-0.499 χ^2/NDF : 3851566.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

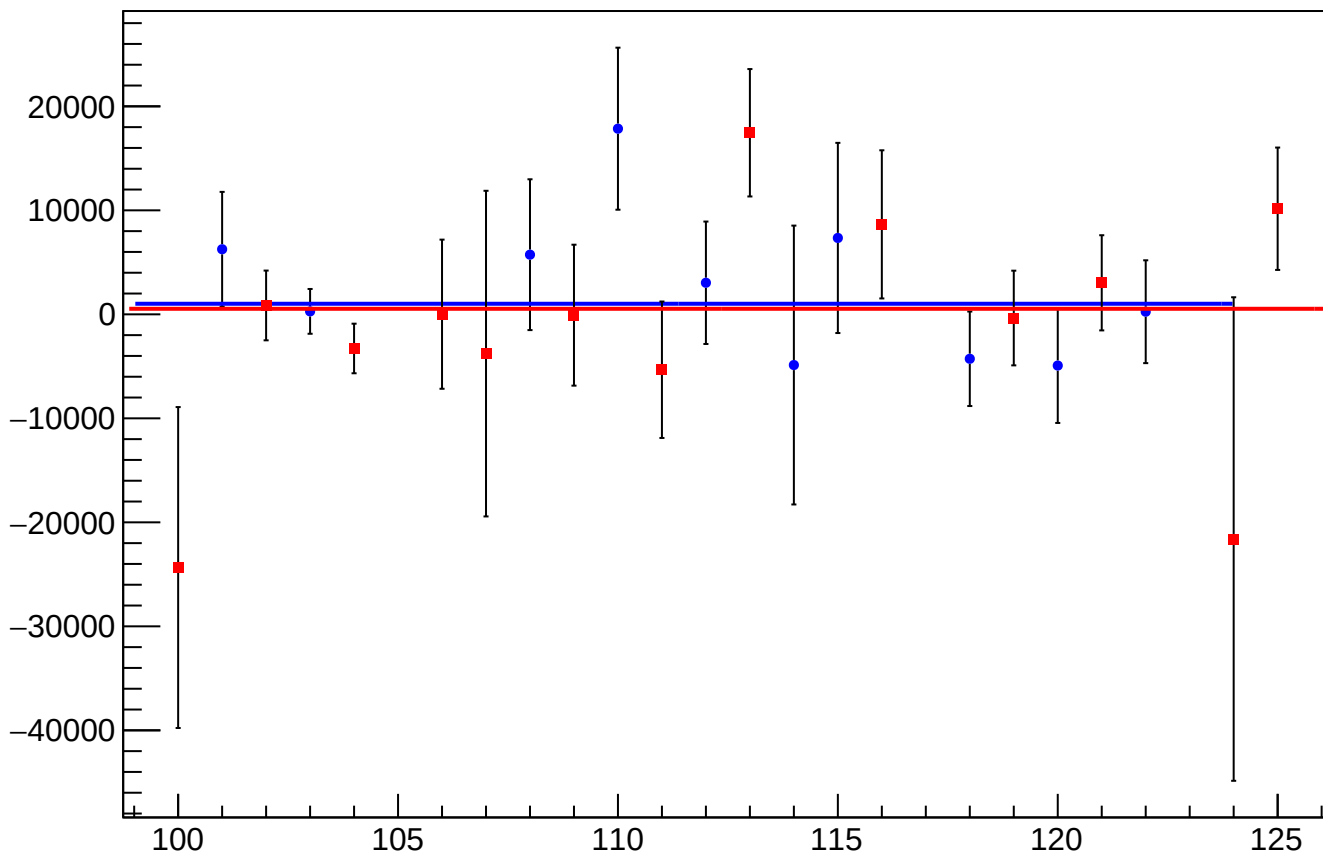
Right: 1349.073+/-0.400 χ^2/NDF : 6370778.0/22

In: 1536.218+/-0.668 χ^2/NDF : 2396950.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1349.073+/-0.400 χ^2/NDF : 6370778.0/22

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: 533.582+/-1399.295 χ^2/NDF : 18.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

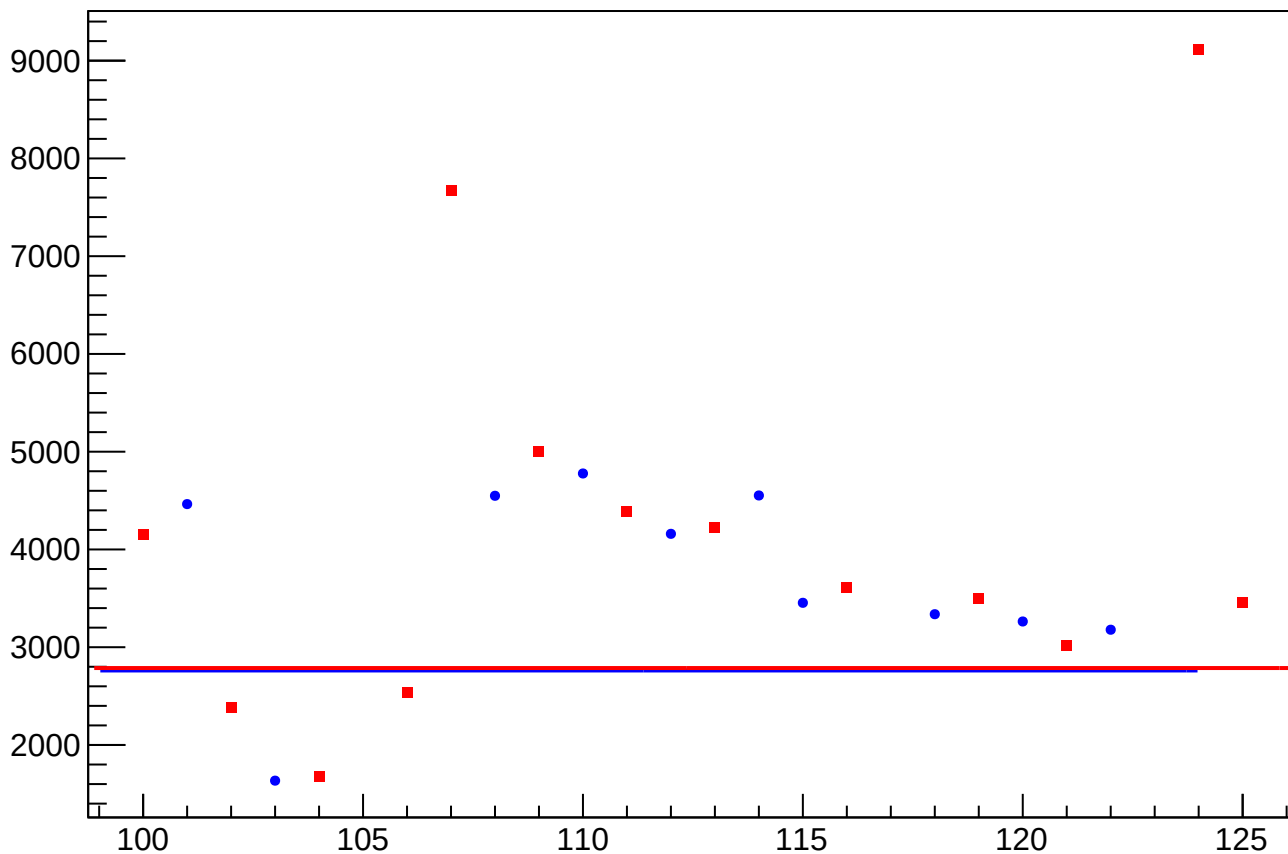
Right: 760.890+/-1018.821 χ^2/NDF : 28.4/22

In: 1017.342+/-1486.298 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 760.890+/-1018.821 χ^2/NDF : 28.4/22

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: 2786.913+/-0.970 χ^2/NDF : 1376838.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

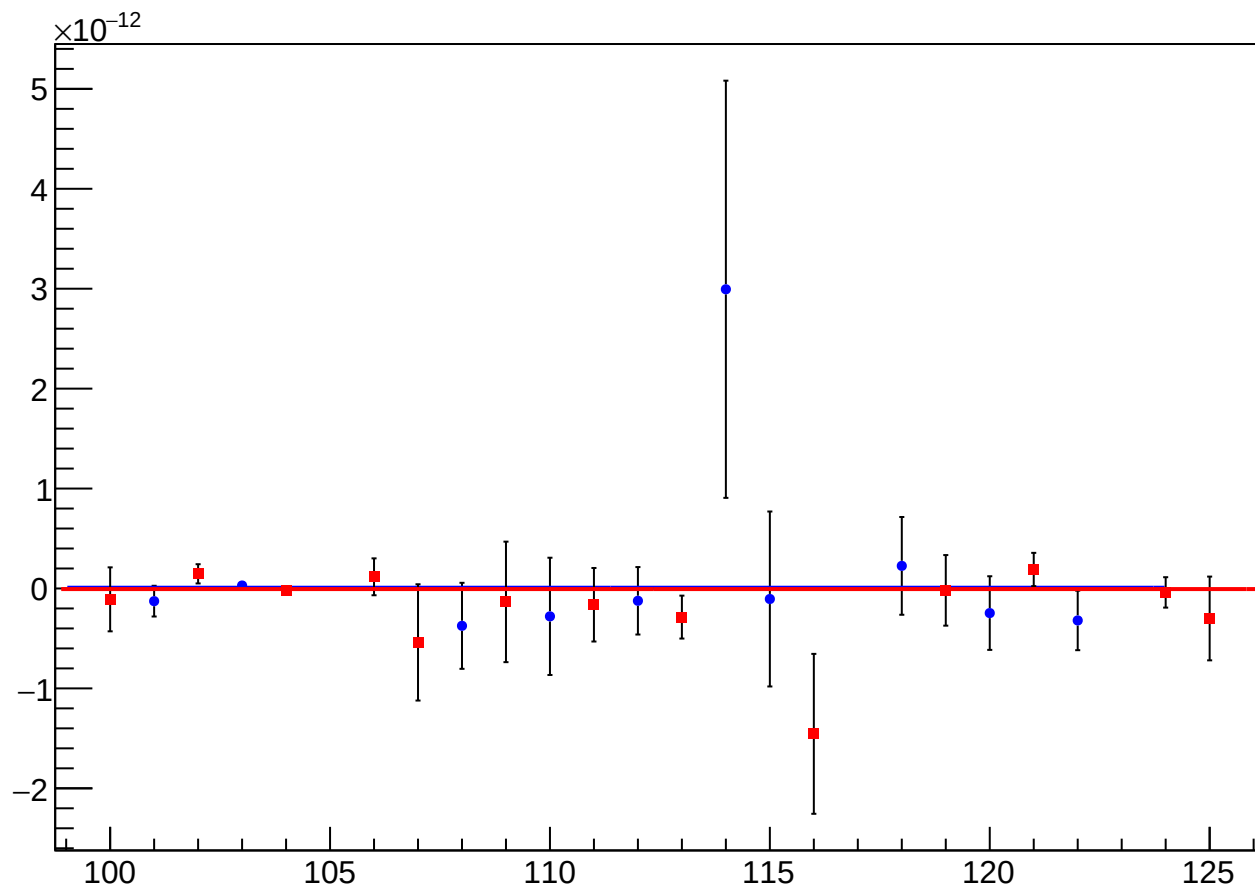
Right: 2775.505+/-0.713 χ^2/NDF : 2593742.3/22

In: 2762.113+/-1.051 χ^2/NDF : 1216603.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2775.505+/-0.713 χ^2/NDF : 2593742.3/22

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 : 11.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

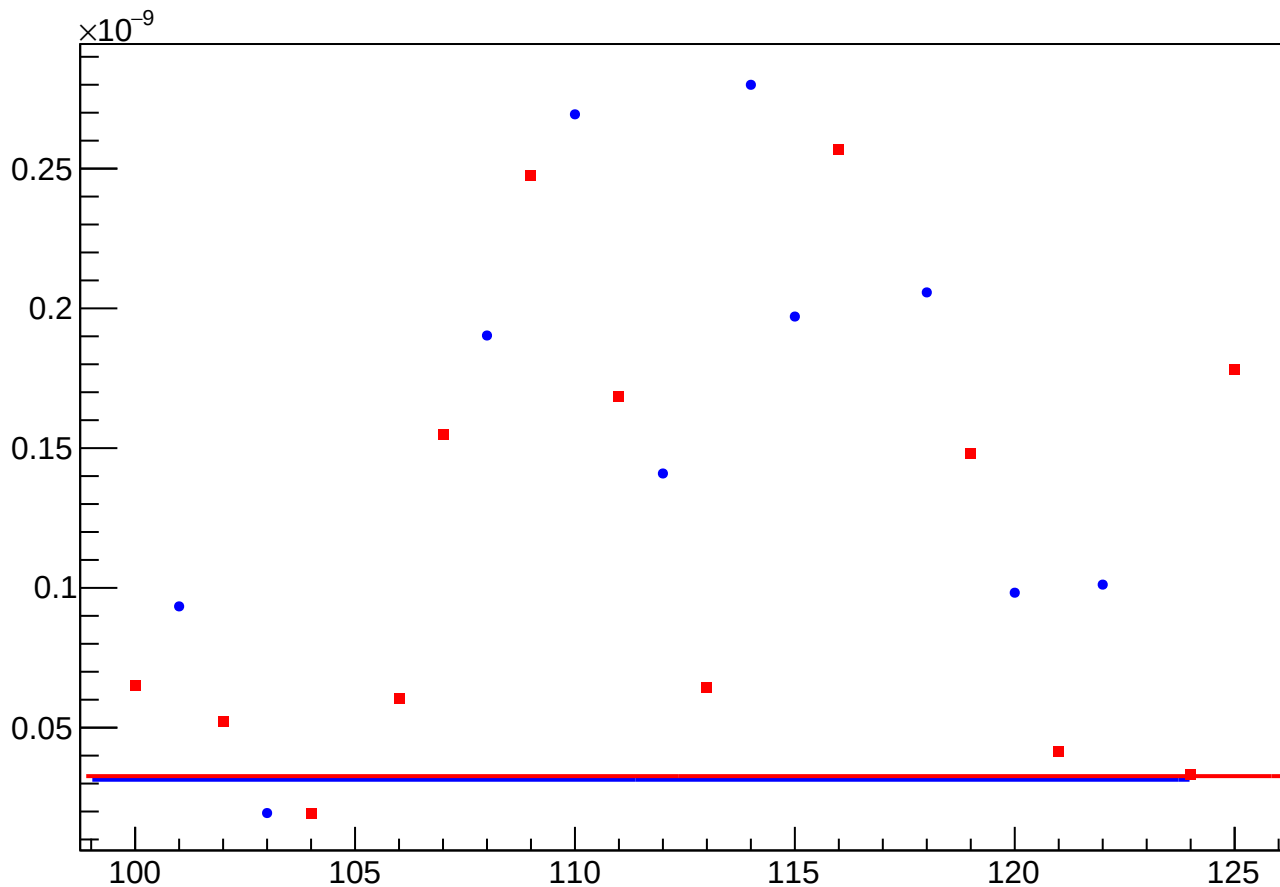
Right: -0.000+/-0.000 χ^2/NDF : 17.5/22

In: 0.000+/-0.000 χ^2/NDF : 6.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.5/22

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 : 1649159.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

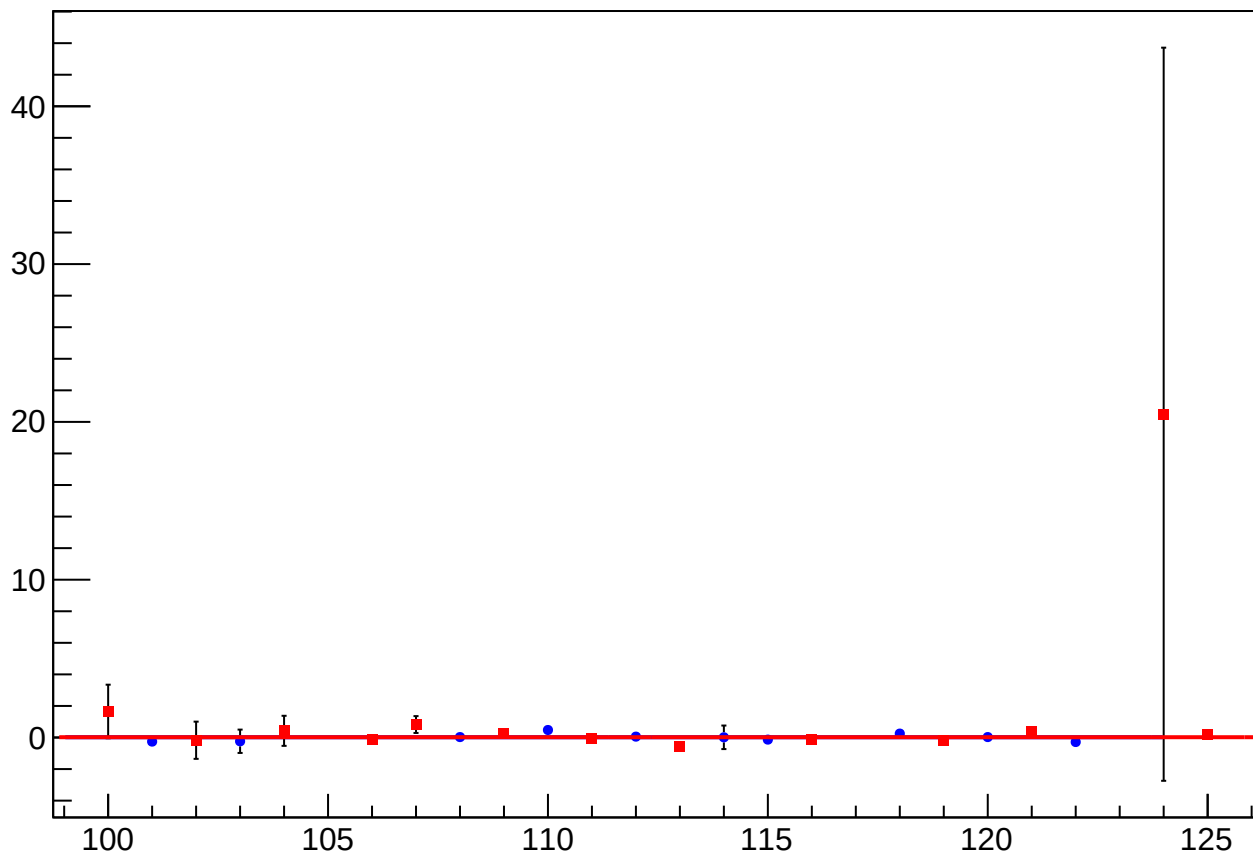
Right: 0.000+/-0.000 χ^2/NDF : 3495025.8/22

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 : 3495025.8/22

asym_atl_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.075 χ^2/NDF : 8.8/9

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

Right Out: 0.019+/-0.069 χ^2/NDF : 18.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

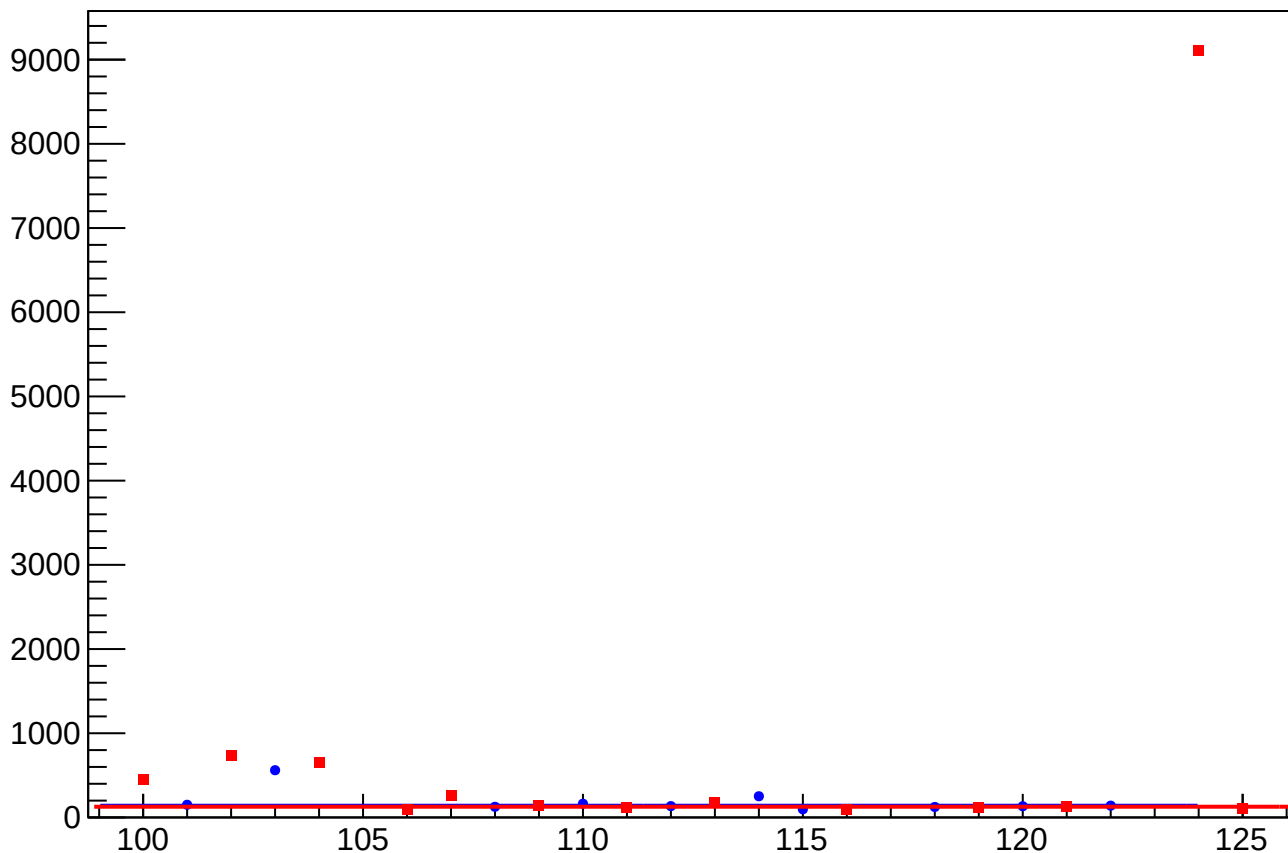
Right: 0.018+/-0.051 χ^2/NDF : 26.9/22

In: 0.017+/-0.075 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.051 χ^2/NDF : 26.9/22

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: 127.500+/-0.048 χ^2/NDF : 1830074.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

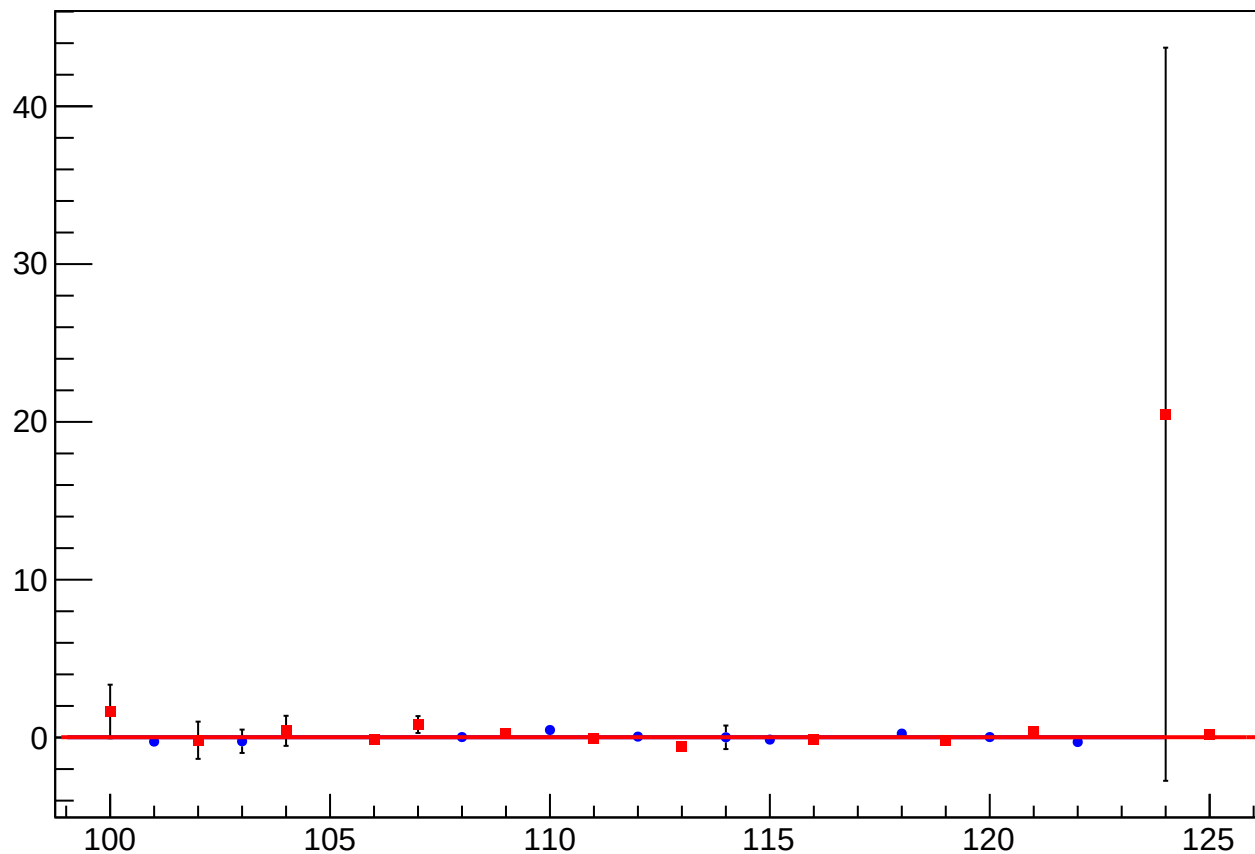
Right: 132.811+/-0.036 χ^2/NDF : 2649723.3/22

In: 139.174+/-0.053 χ^2/NDF : 793224.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.811+/-0.036 χ^2/NDF : 2649723.3/22

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: 0.019+/-0.069 χ^2/NDF : 18.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

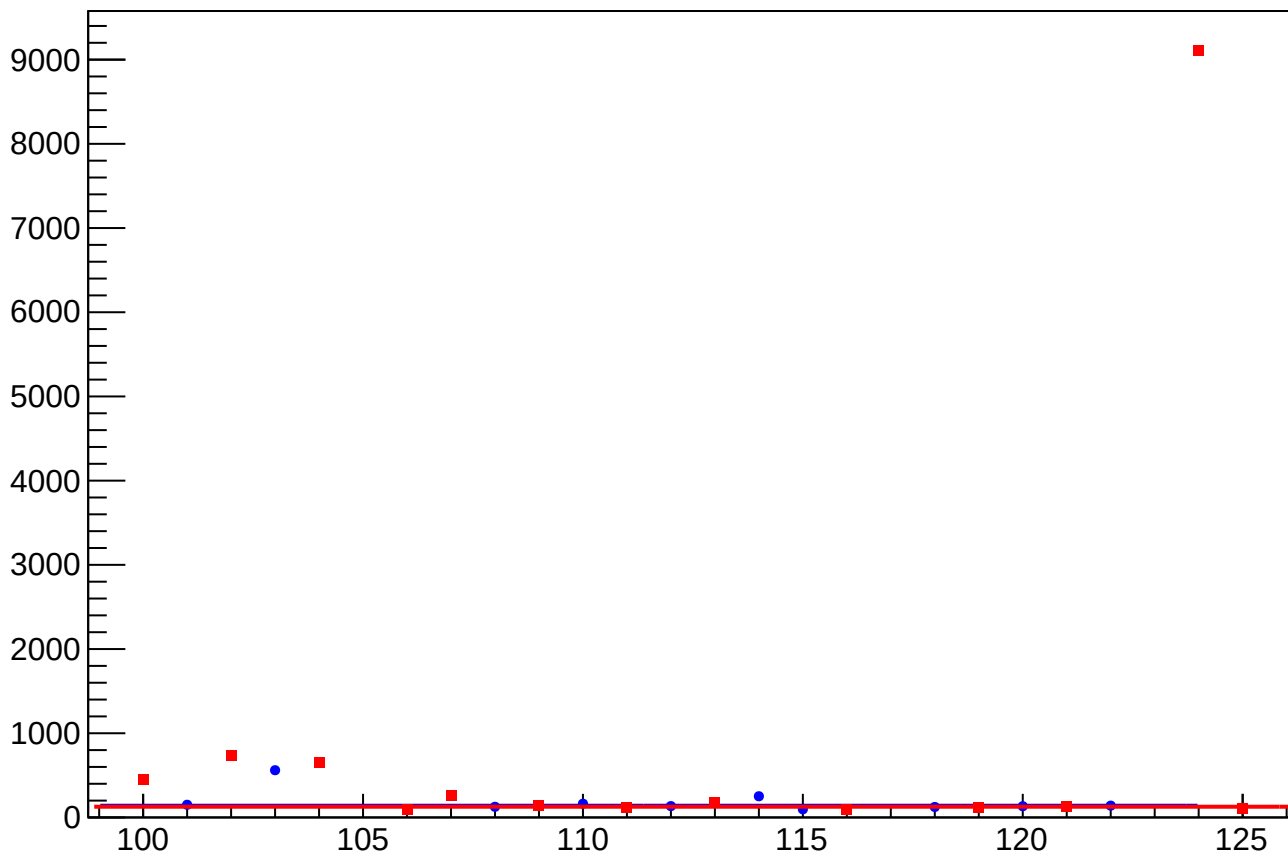
Right: 0.018+/-0.051 χ^2/NDF : 26.9/22

In: 0.017+/-0.075 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.051 χ^2/NDF : 26.9/22

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: 127.500+/-0.048 χ^2/NDF : 1830074.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

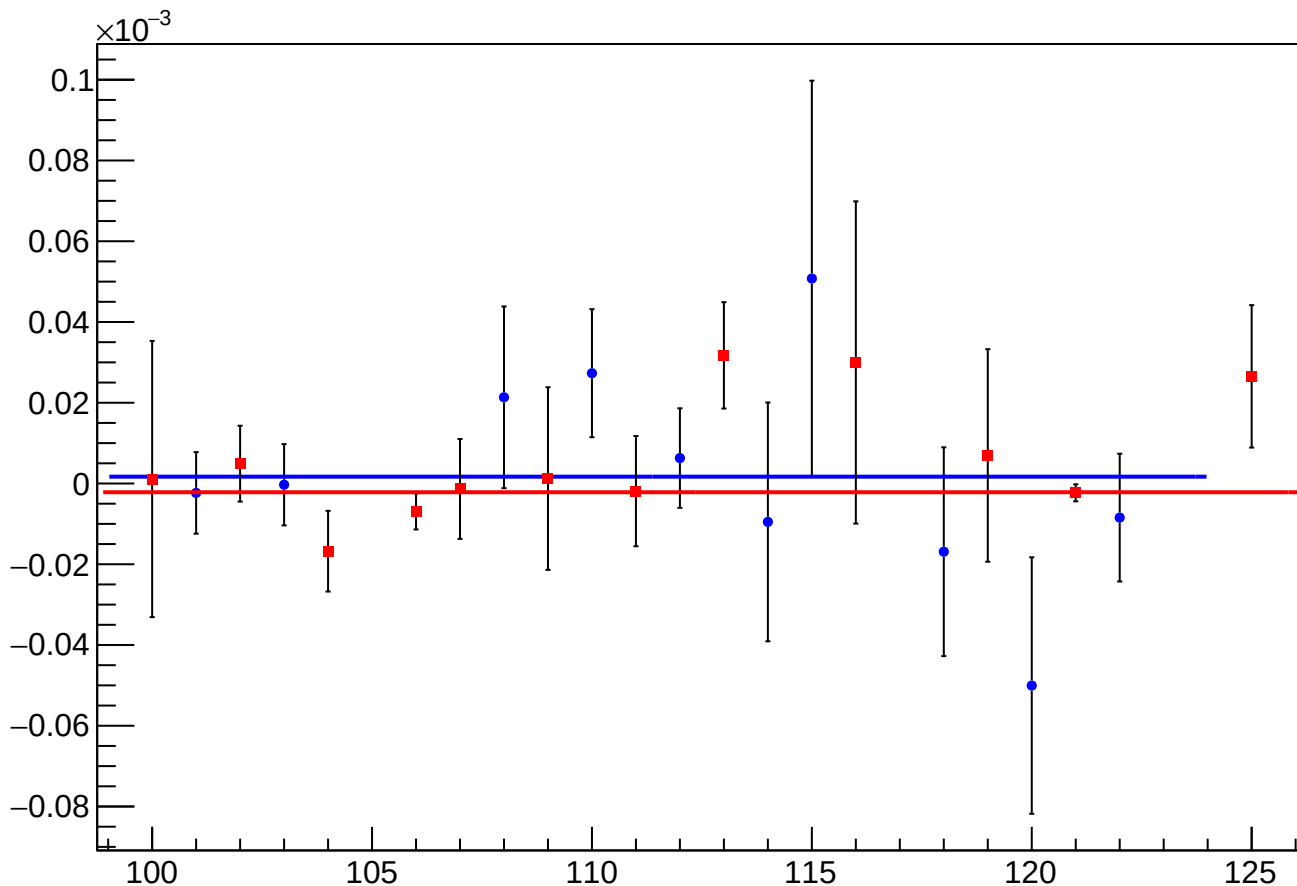
Right: 132.811+/-0.036 χ^2/NDF : 2649723.3/22

In: 139.174+/-0.053 χ^2/NDF : 793224.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.811+/-0.036 χ^2/NDF : 2649723.3/22

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 : 13.9/11

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

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

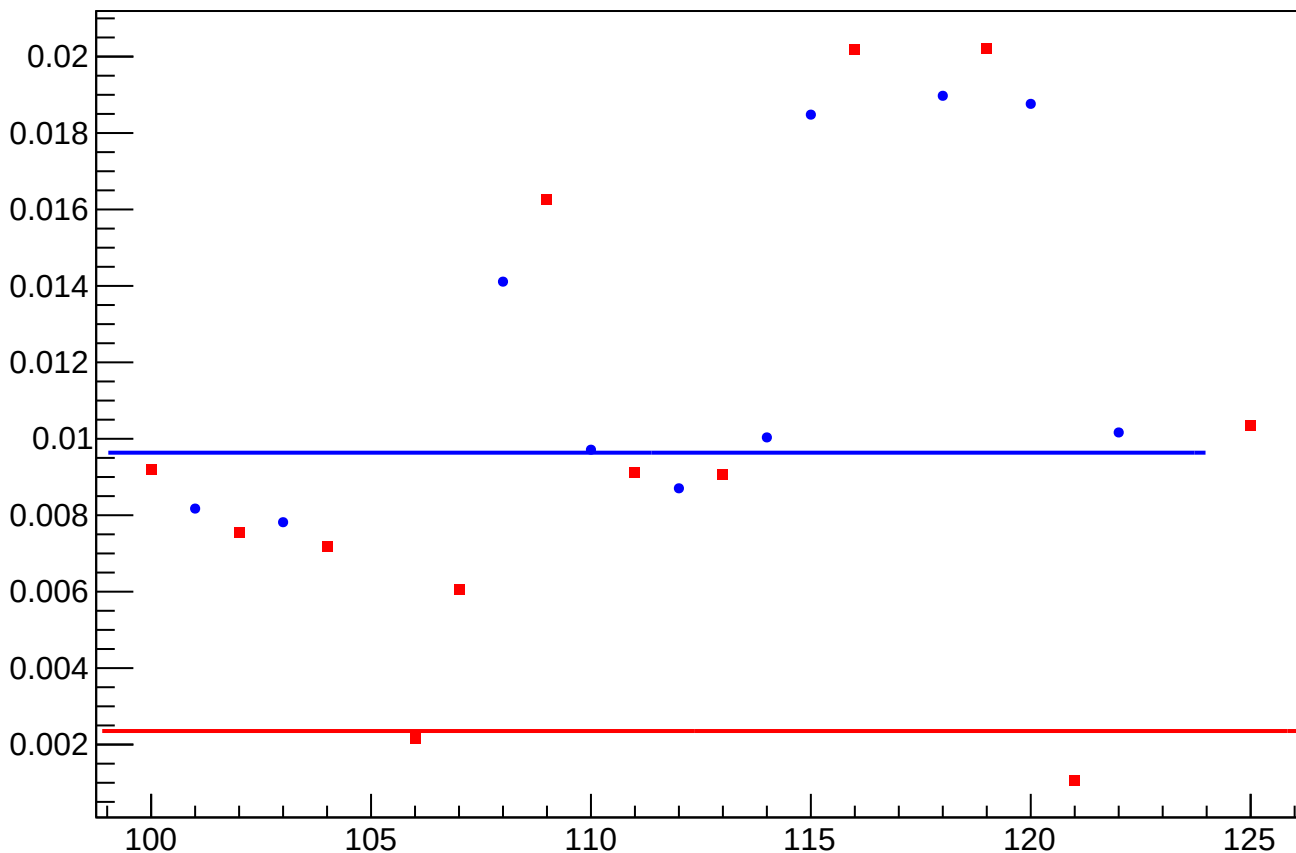
Right: -0.000 $\pm$ 0.000 χ^2/NDF : 22.9/21

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 : 22.9/21

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 : 5601646.4/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

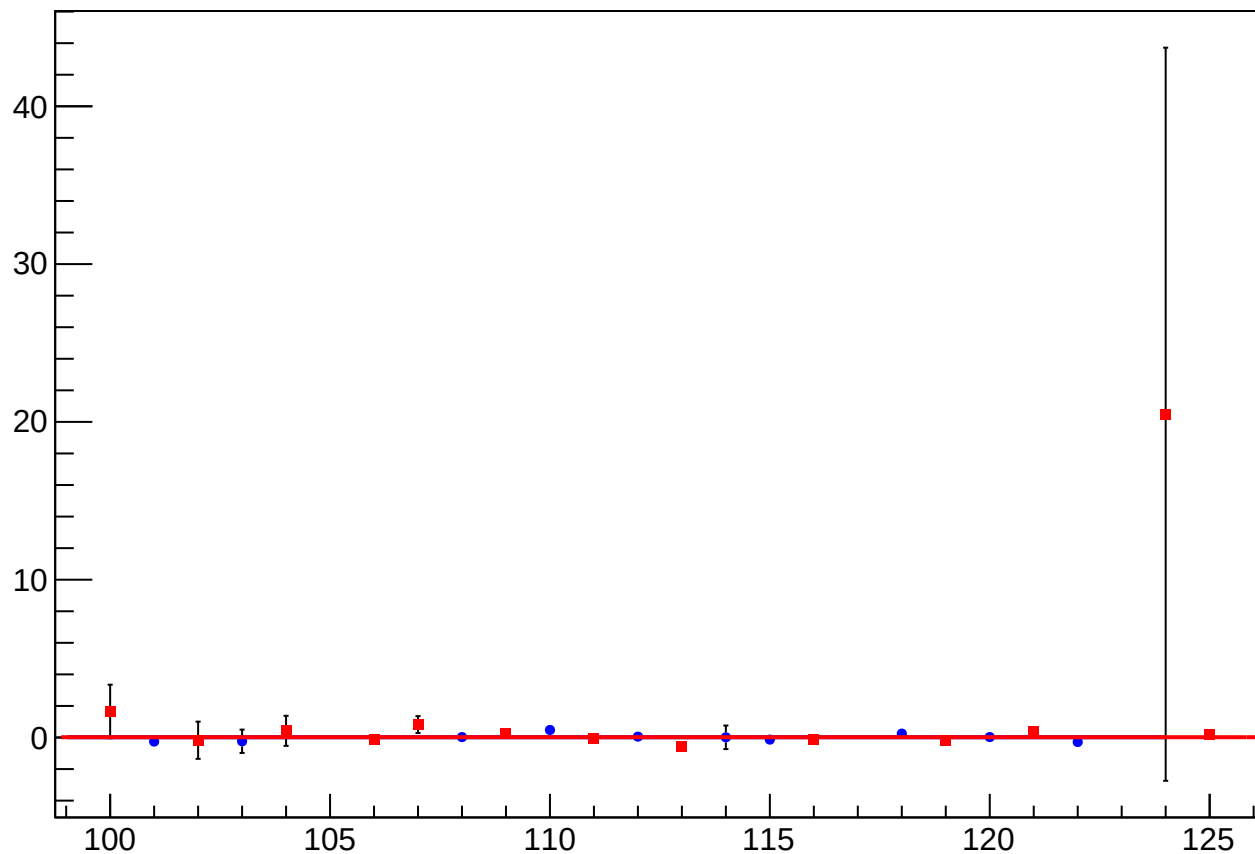
Right: 0.003+/-0.000 χ^2/NDF : 10087233.7/21

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 : 10087233.7/21

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: 0.019+/-0.069 χ^2/NDF : 18.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

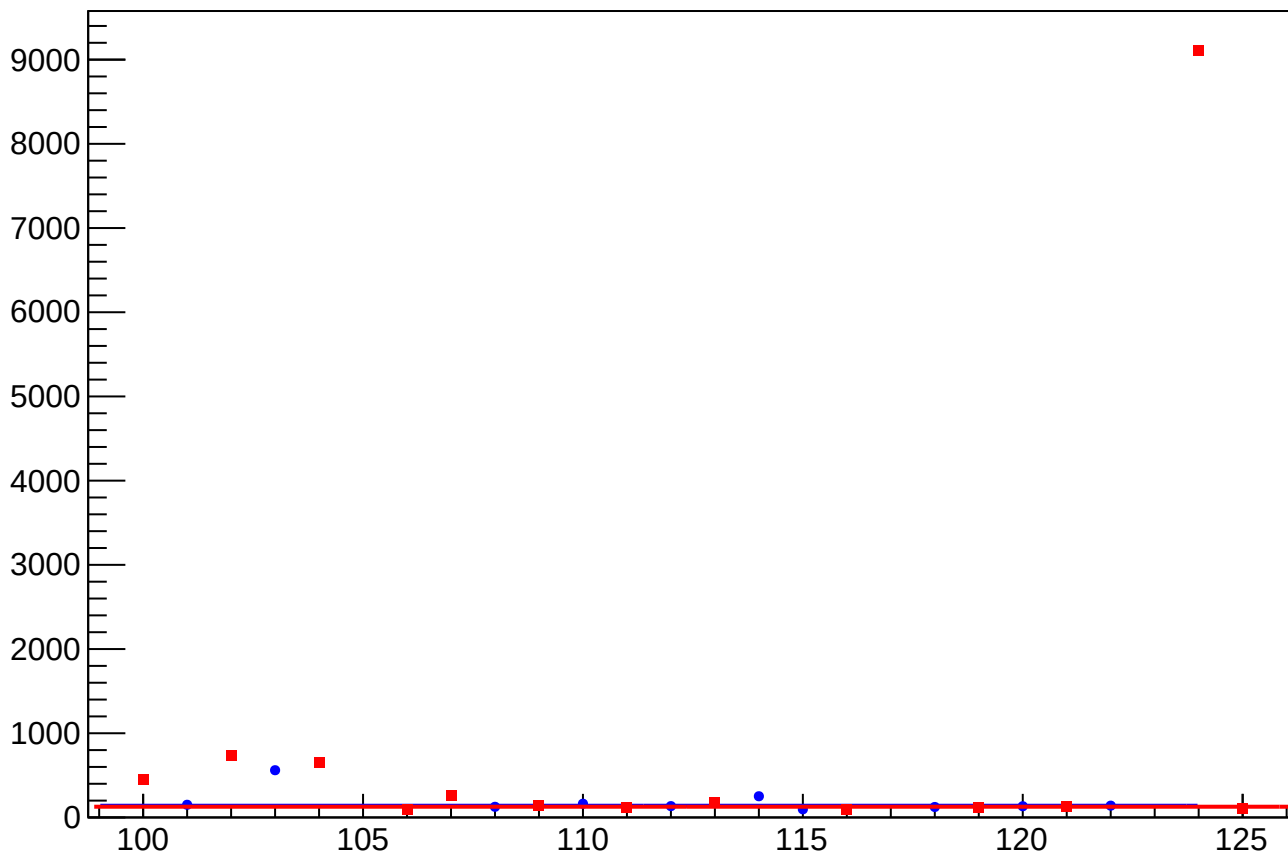
Right: 0.018+/-0.051 χ^2/NDF : 26.9/22

In: 0.017+/-0.075 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.051 χ^2/NDF : 26.9/22

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: 127.500+/-0.048 χ^2/NDF : 1830045.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

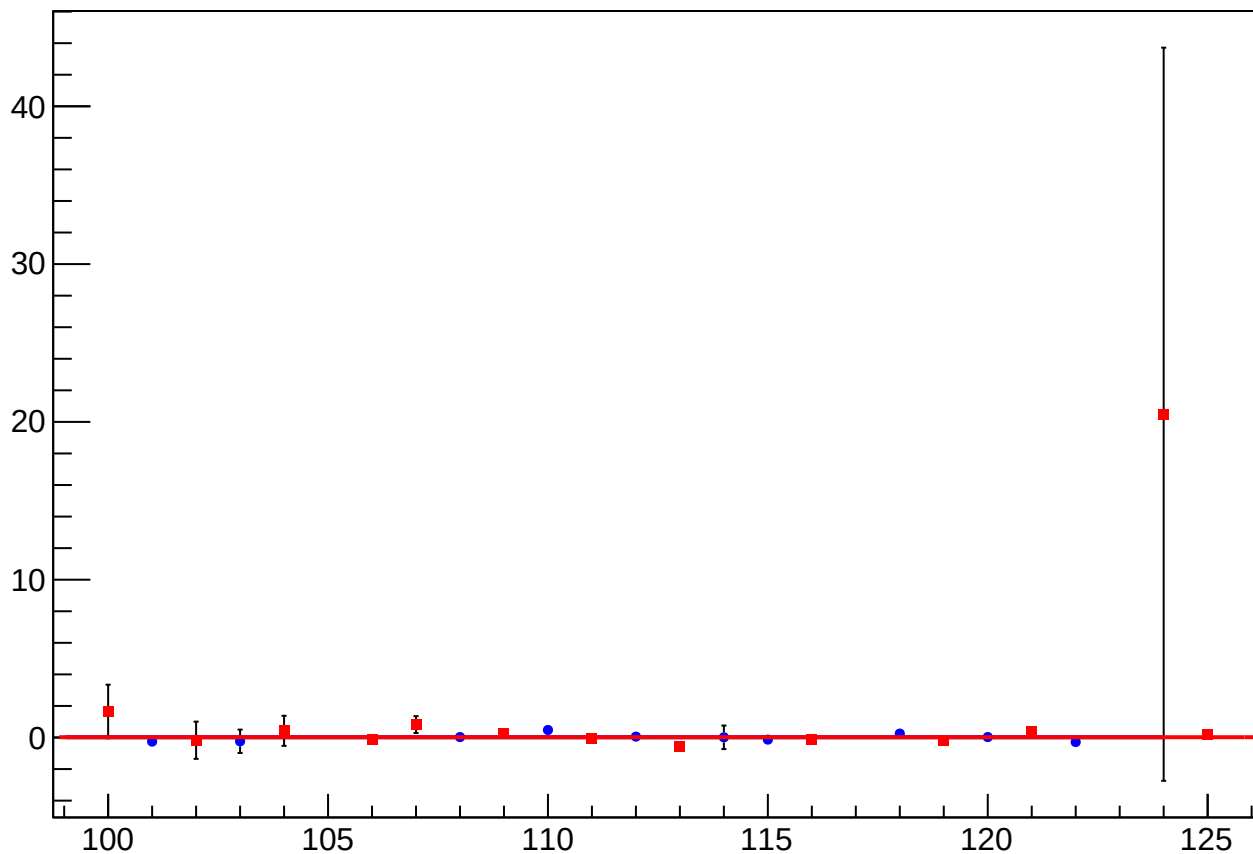
Right: 132.811+/-0.036 χ^2/NDF : 2649690.3/22

In: 139.173+/-0.053 χ^2/NDF : 793225.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.811+/-0.036 χ^2/NDF : 2649690.3/22

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.075 χ^2/NDF : 8.8/9

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

Right Out: 0.019+/-0.069 χ^2/NDF : 18.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

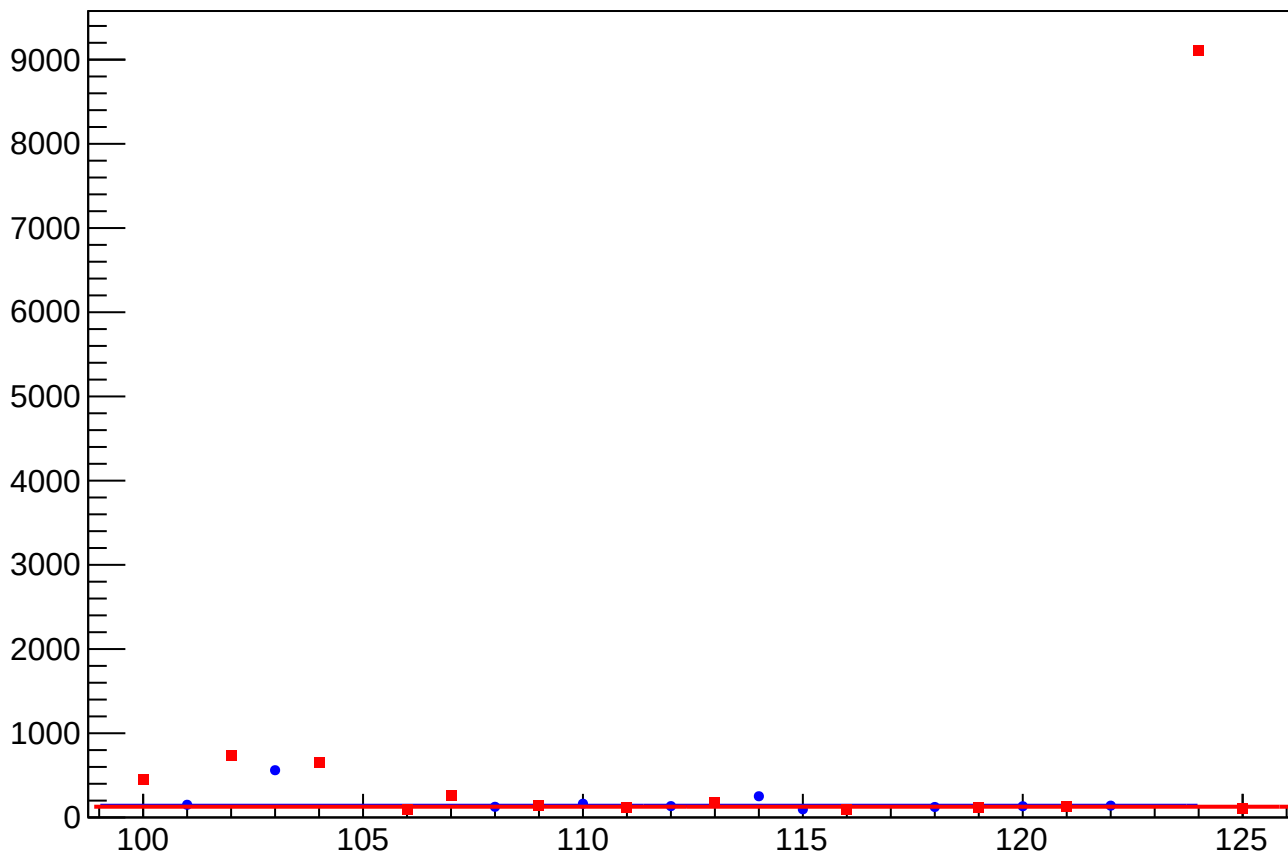
Right: 0.018+/-0.051 χ^2/NDF : 26.9/22

In: 0.017+/-0.075 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.051 χ^2/NDF : 26.9/22

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: 127.500+/-0.048 χ^2/NDF : 1830045.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

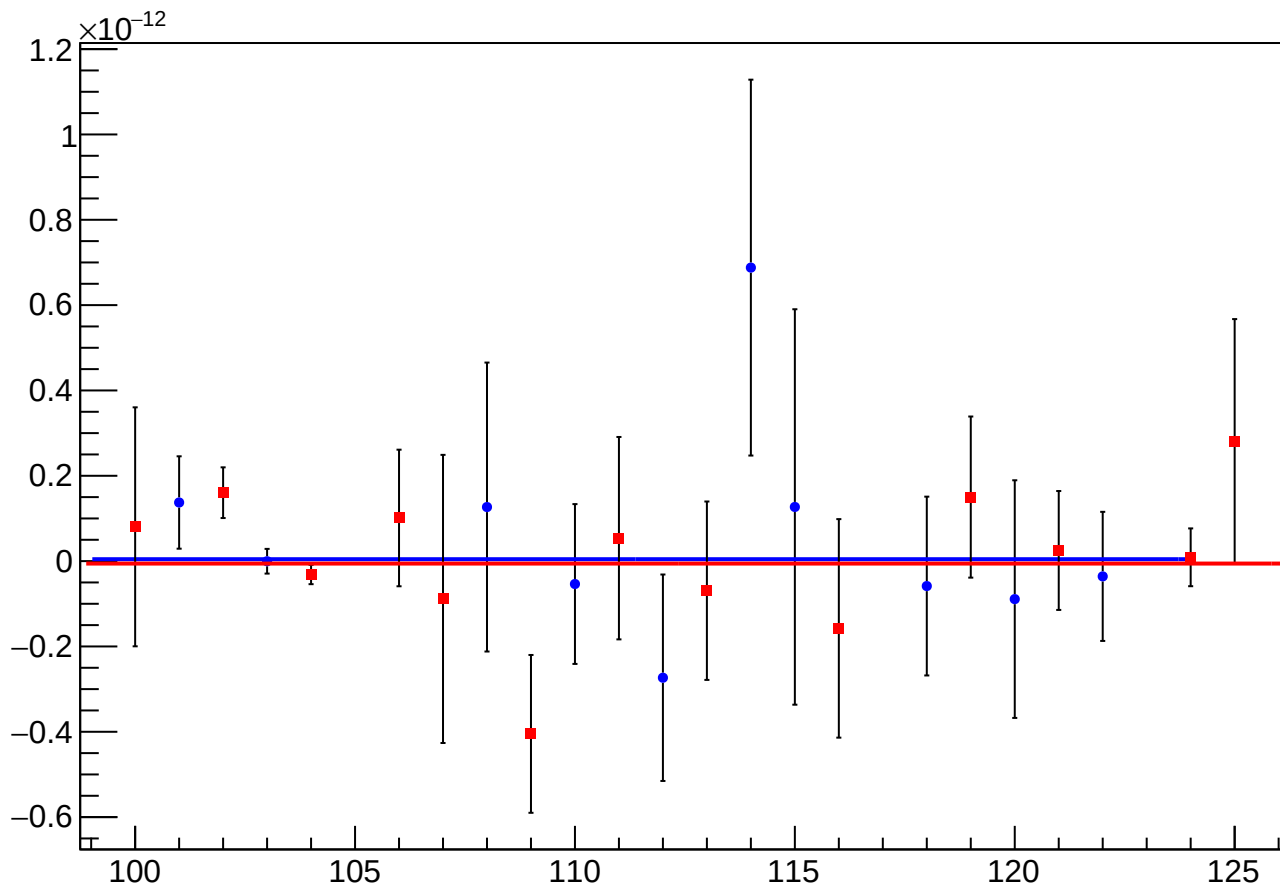
Right: 132.811+/-0.036 χ^2/NDF : 2649690.3/22

In: 139.173+/-0.053 χ^2/NDF : 793225.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.811+/-0.036 χ^2/NDF : 2649690.3/22

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 : 16.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

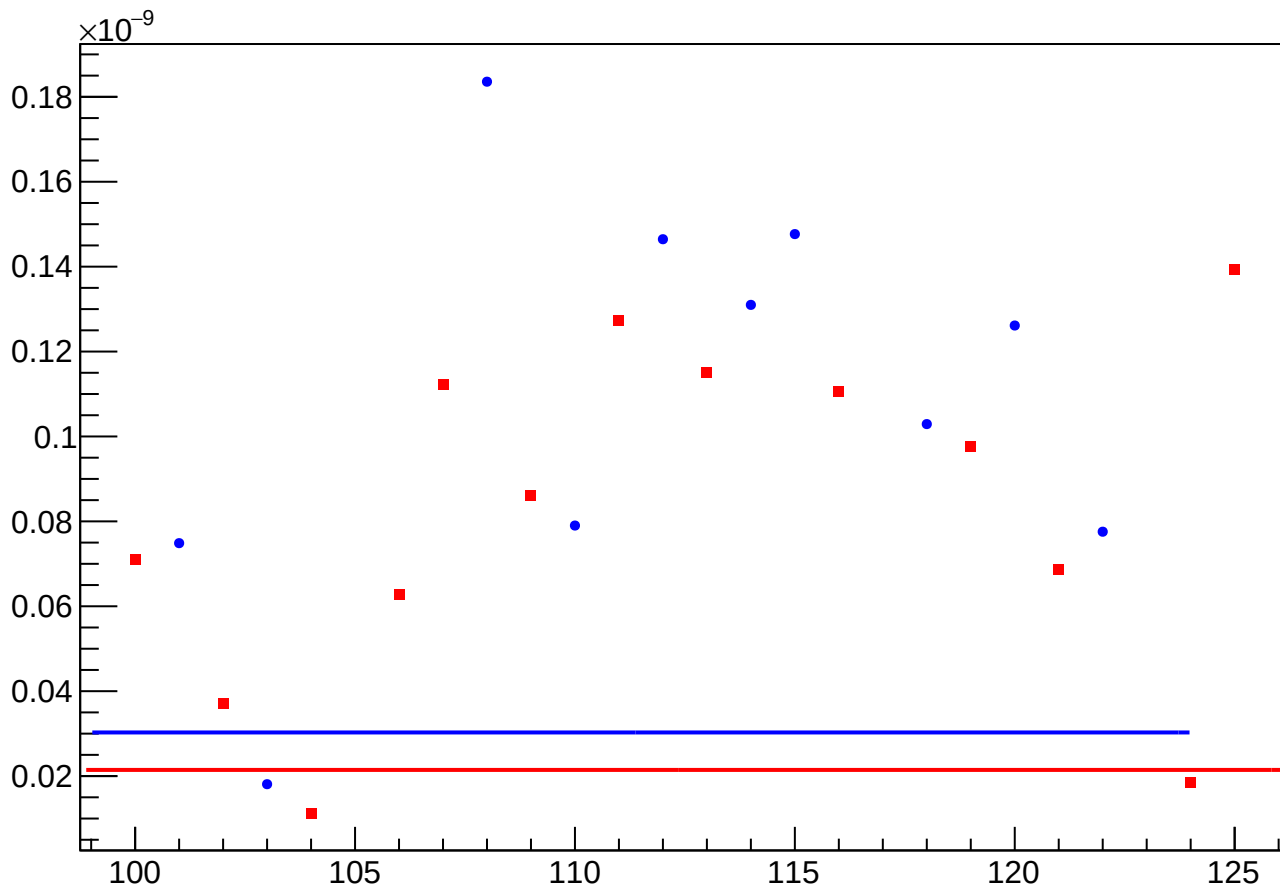
Right: -0.000+/-0.000 χ^2/NDF : 22.6/22

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 : 22.6/22

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 : 3079068.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

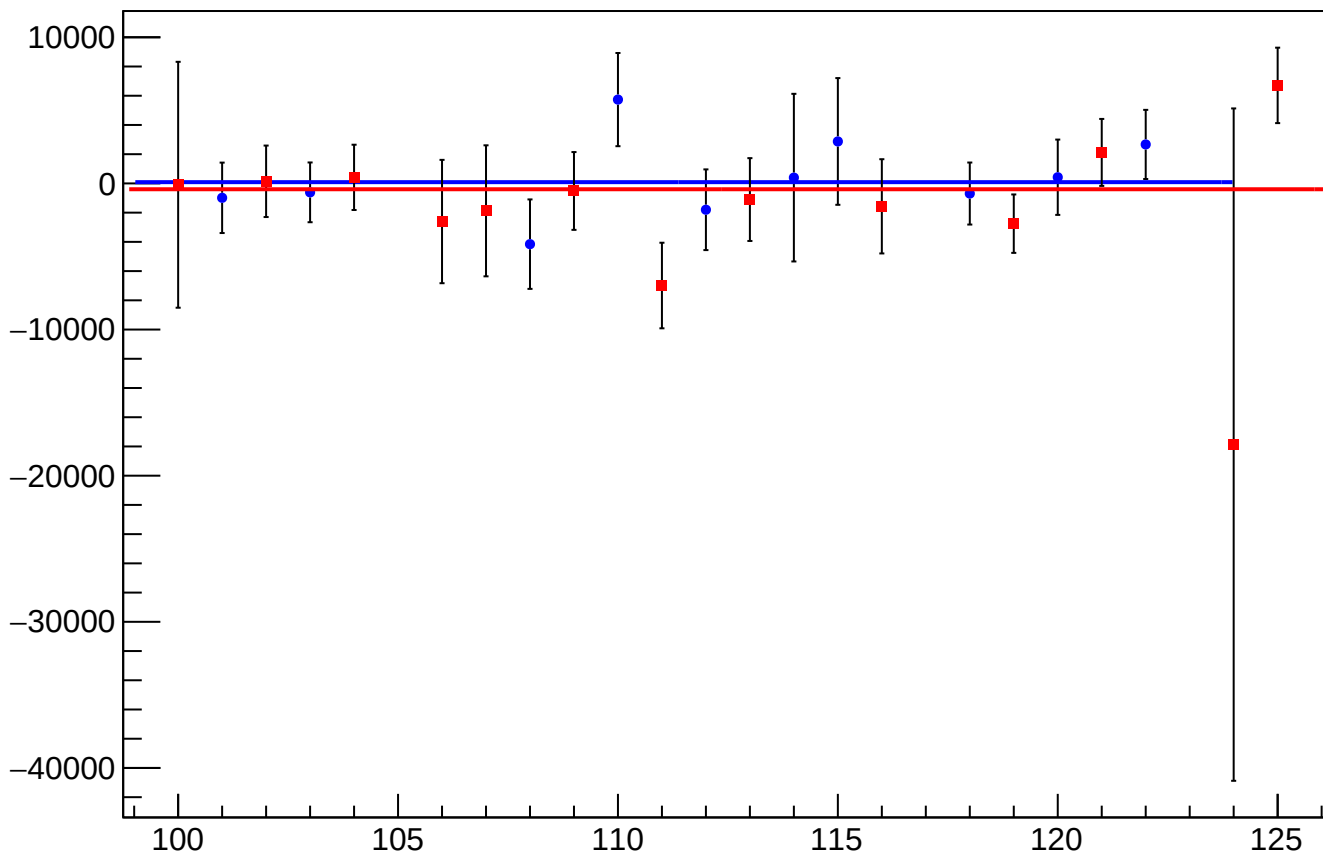
Right: 0.000+/-0.000 χ^2/NDF : 5829550.9/22

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 : 5829550.9/22

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: -399.214+/-800.905 χ^2/NDF : 16.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

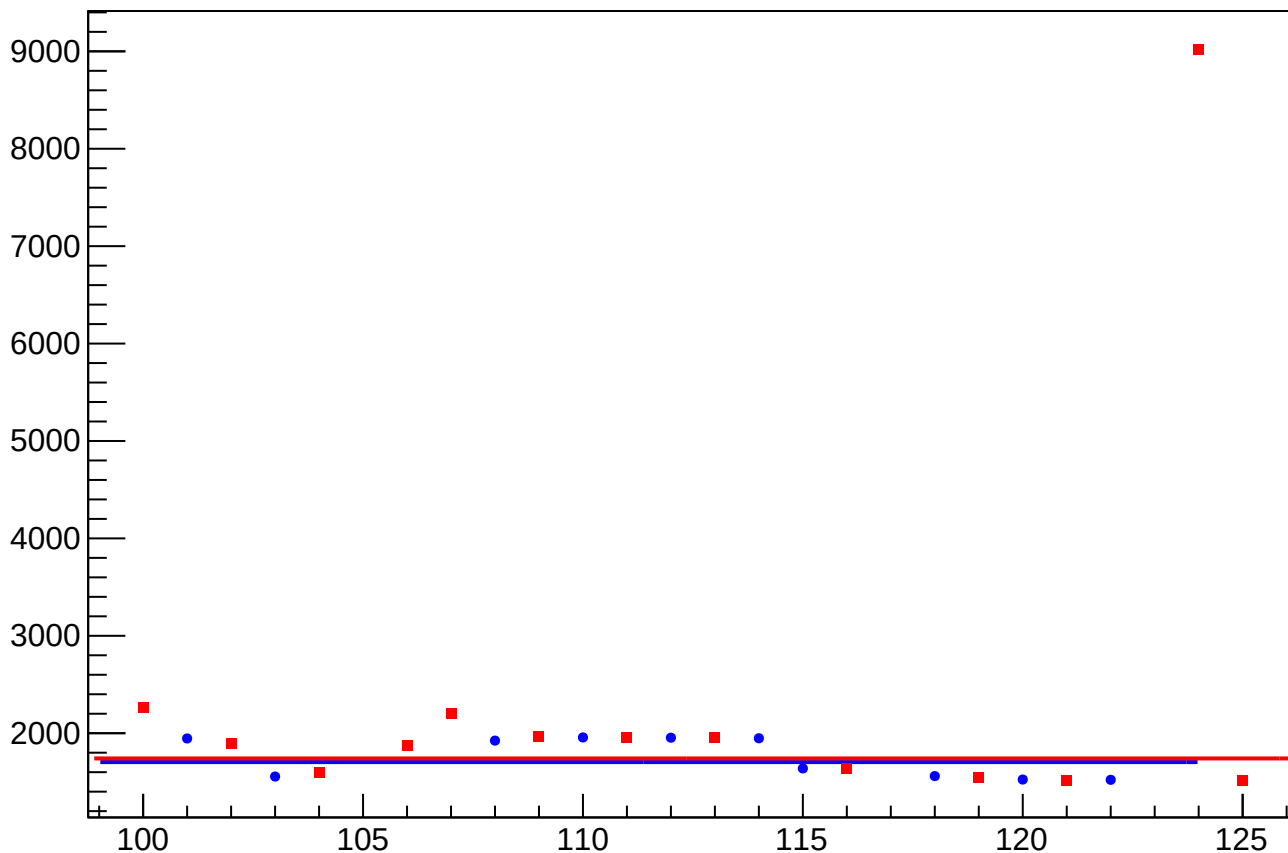
Right: -170.956+/-583.045 χ^2/NDF : 24.4/22

In: 86.398+/-850.420 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -170.956+/-583.045 χ^2/NDF : 24.4/22

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: 1741.077+/-0.562 χ^2/NDF : 342496.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

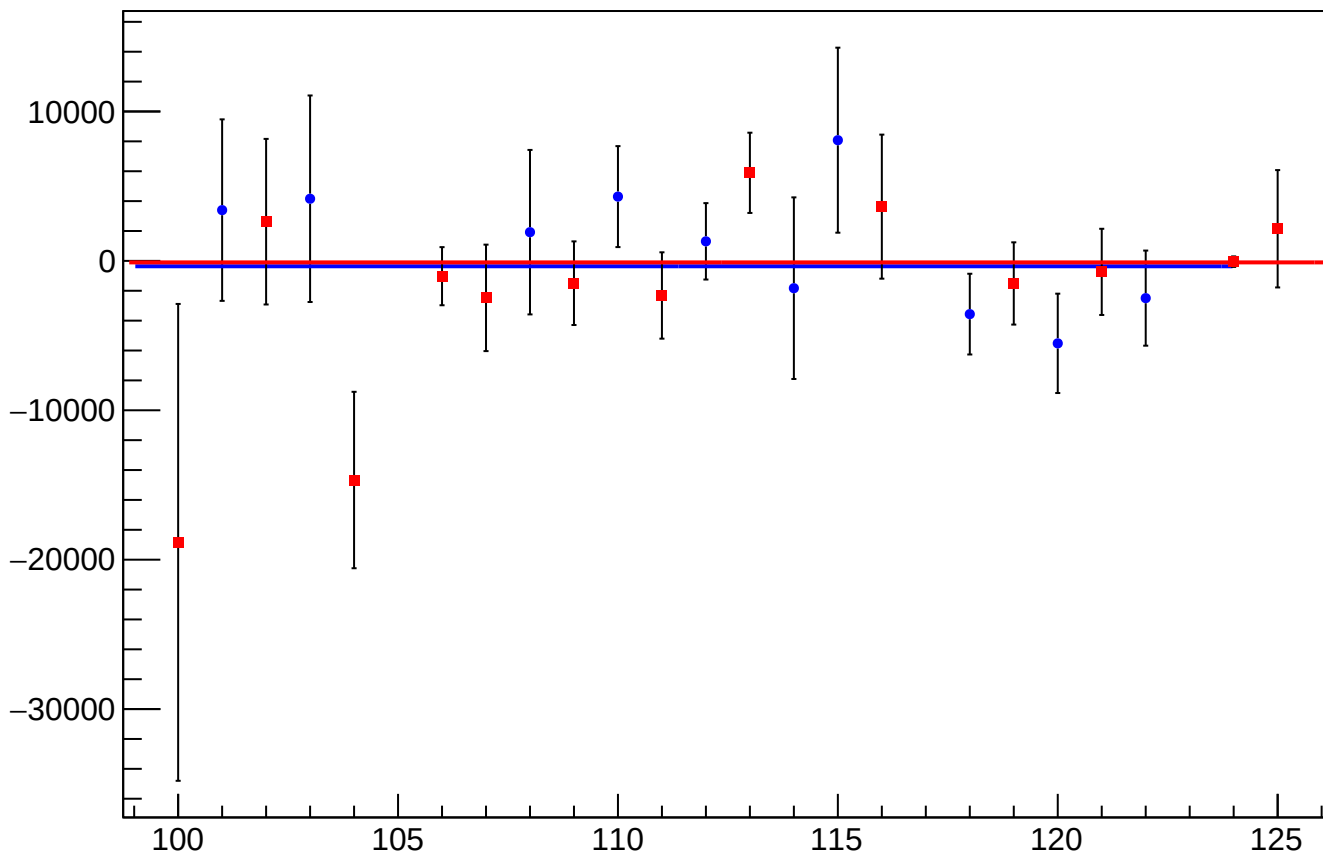
Right: 1723.626+/-0.411 χ^2/NDF : 449539.8/22

In: 1703.659+/-0.601 χ^2/NDF : 104976.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1723.626+/-0.411 χ^2/NDF : 449539.8/22

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: -100.972 ± 328.861 χ^2/NDF : 15.5/12

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

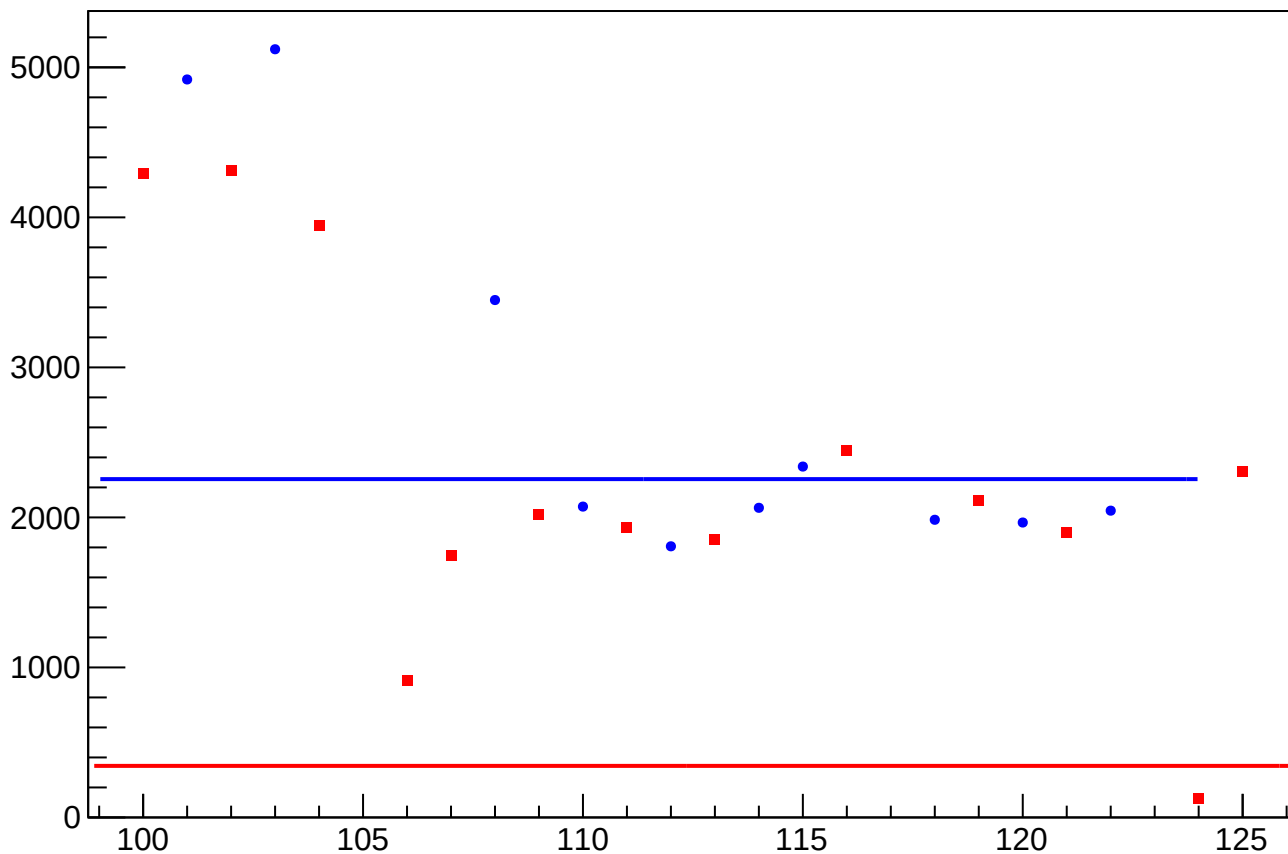
Right: -119.270 ± 317.065 χ^2/NDF : 25.0/22

In: -360.698 ± 1194.550 χ^2/NDF : 9.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -119.270 ± 317.065 χ^2/NDF : 25.0/22

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: 343.768+/-0.233 χ^2/NDF : 7377041.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

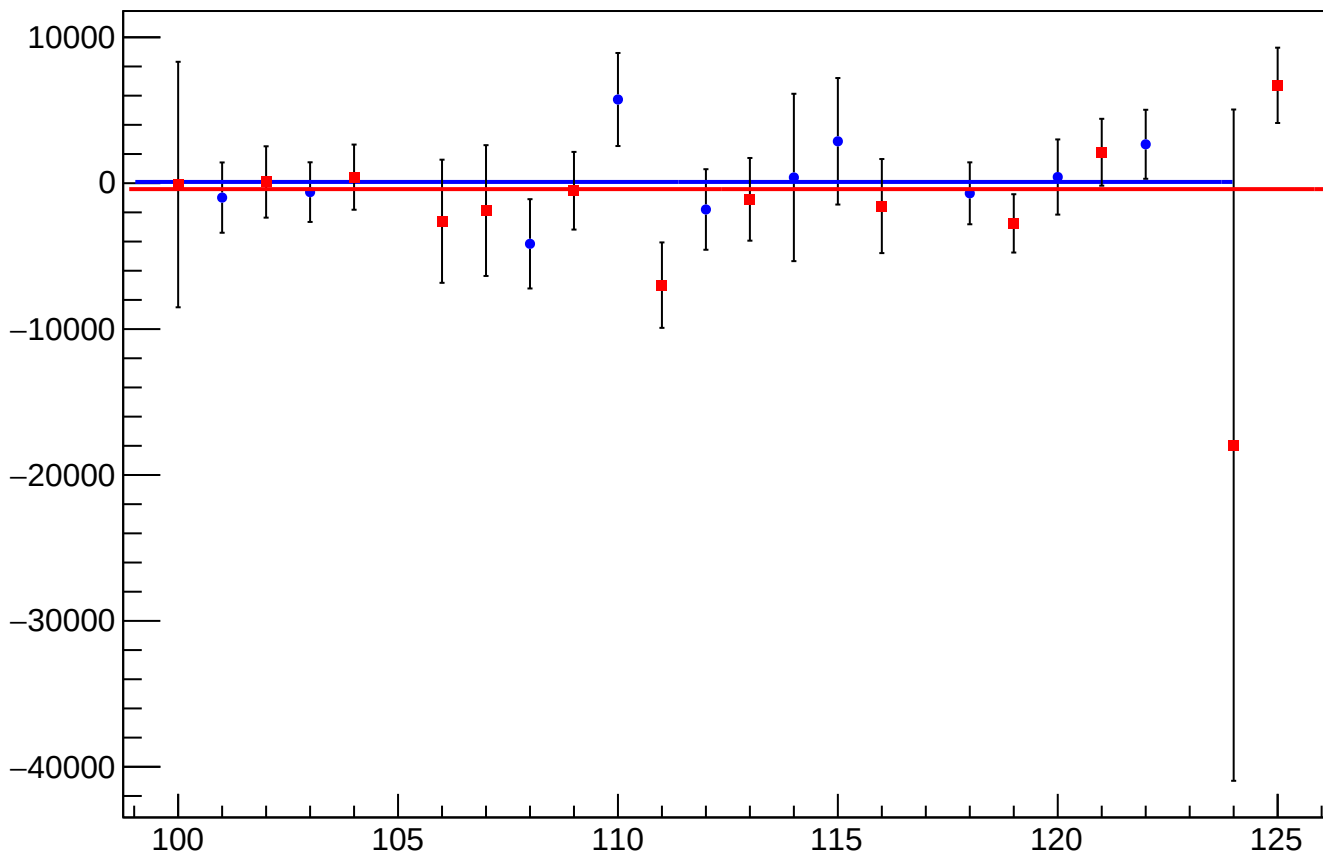
Right: 478.437+/-0.224 χ^2/NDF : 13073573.1/22

In: 2255.298+/-0.845 χ^2/NDF : 935994.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 478.437+/-0.224 χ^2/NDF : 13073573.1/22

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: -406.076+/-800.918 χ^2/NDF : 16.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

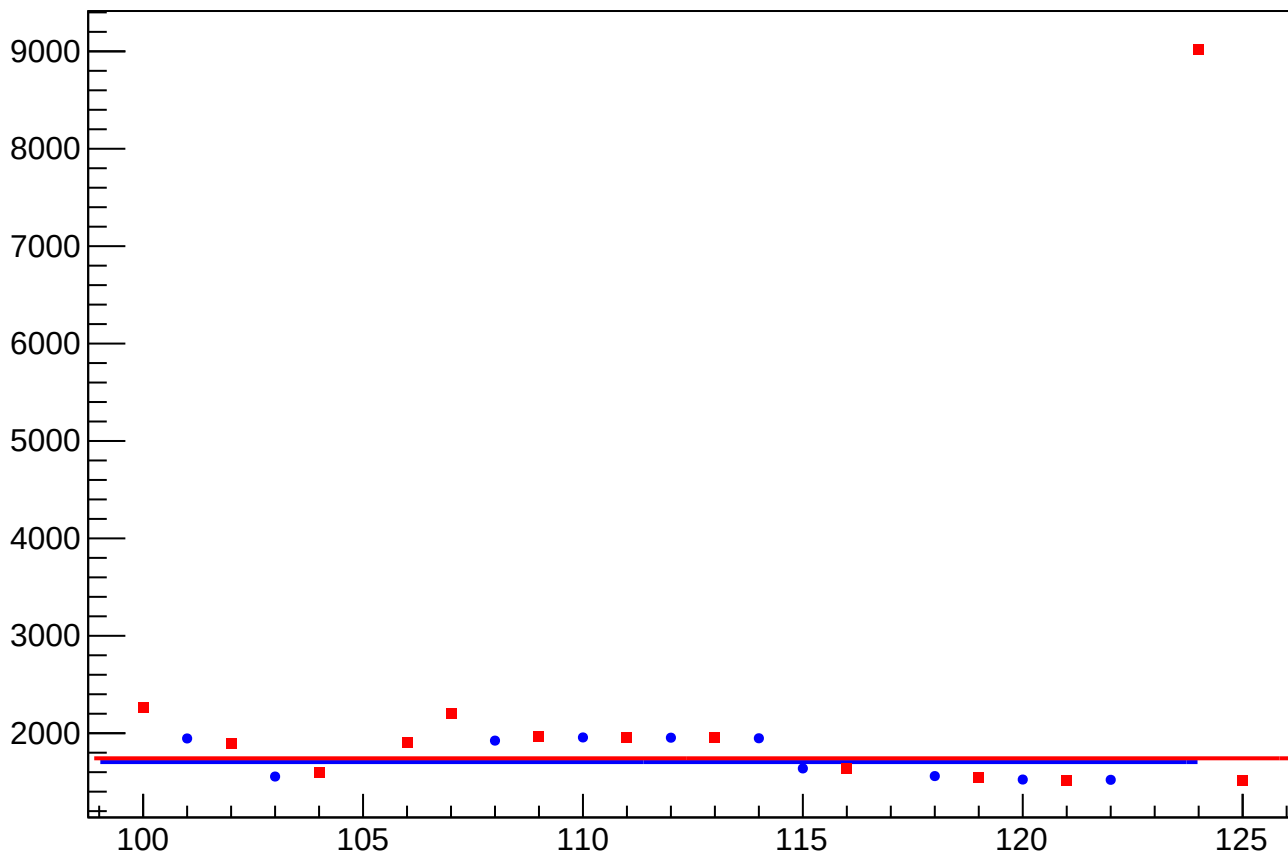
Right: -174.690+/-583.050 χ^2/NDF : 24.4/22

In: 86.183+/-850.421 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -174.690+/-583.050 χ^2/NDF : 24.4/22

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: 1742.407+/-0.563 χ^2/NDF : 343880.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

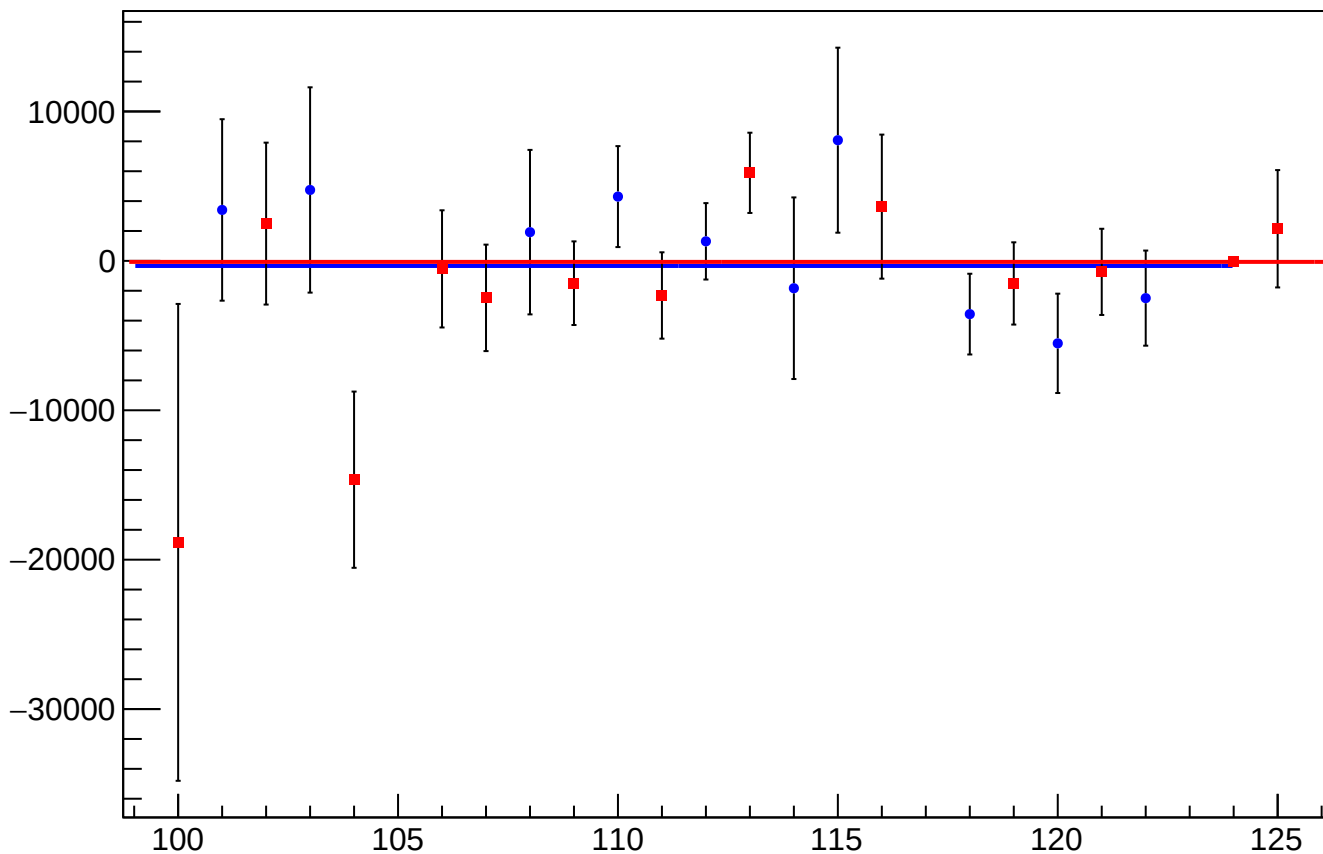
Right: 1724.321+/-0.411 χ^2/NDF : 451071.7/22

In: 1703.659+/-0.601 χ^2/NDF : 104977.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1724.321+/-0.411 χ^2/NDF : 451071.7/22

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: -67.846+/-320.528 χ^2/NDF : 15.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

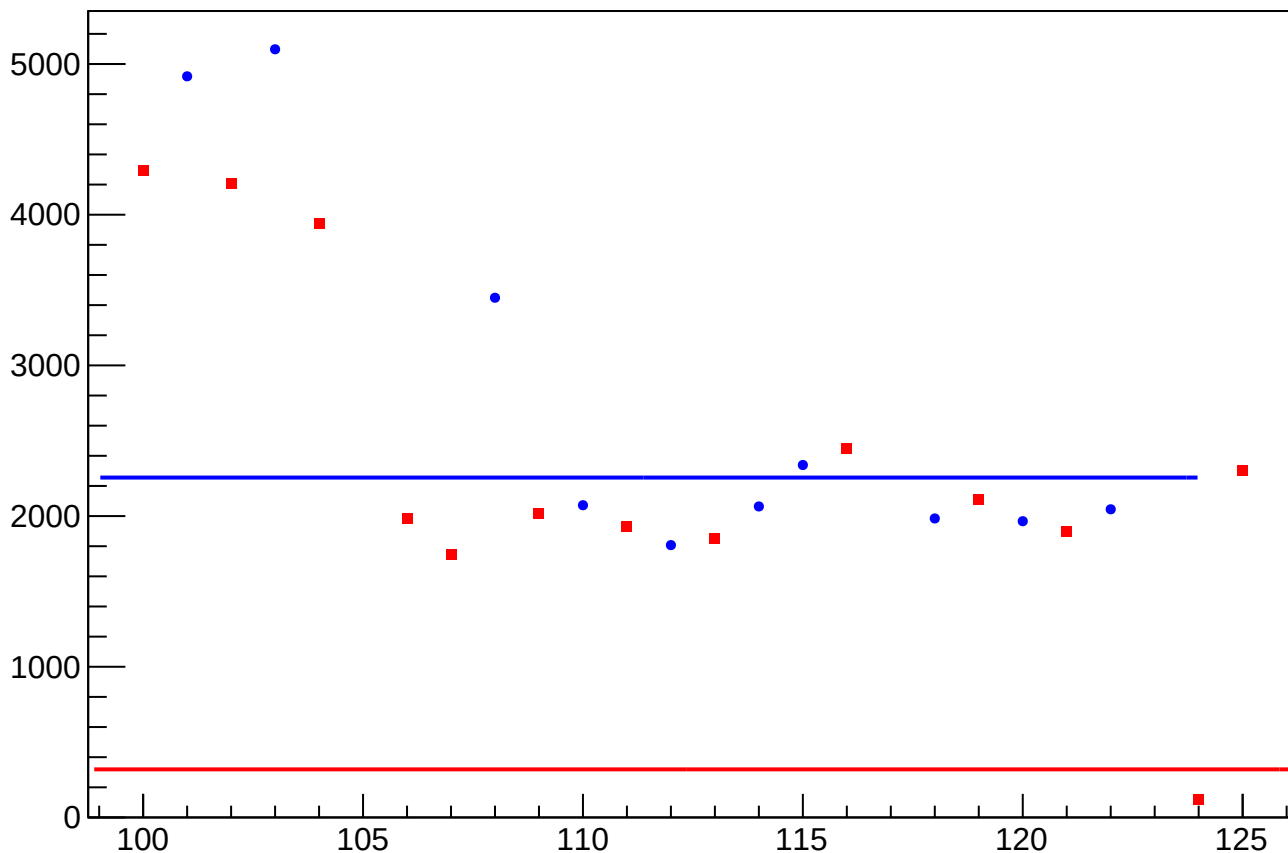
Right: -86.204+/-309.573 χ^2/NDF : 24.9/22

In: -341.083+/-1194.322 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -86.204+/-309.573 χ^2/NDF : 24.9/22

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: 319.129+/-0.227 χ^2/NDF : 7645454.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

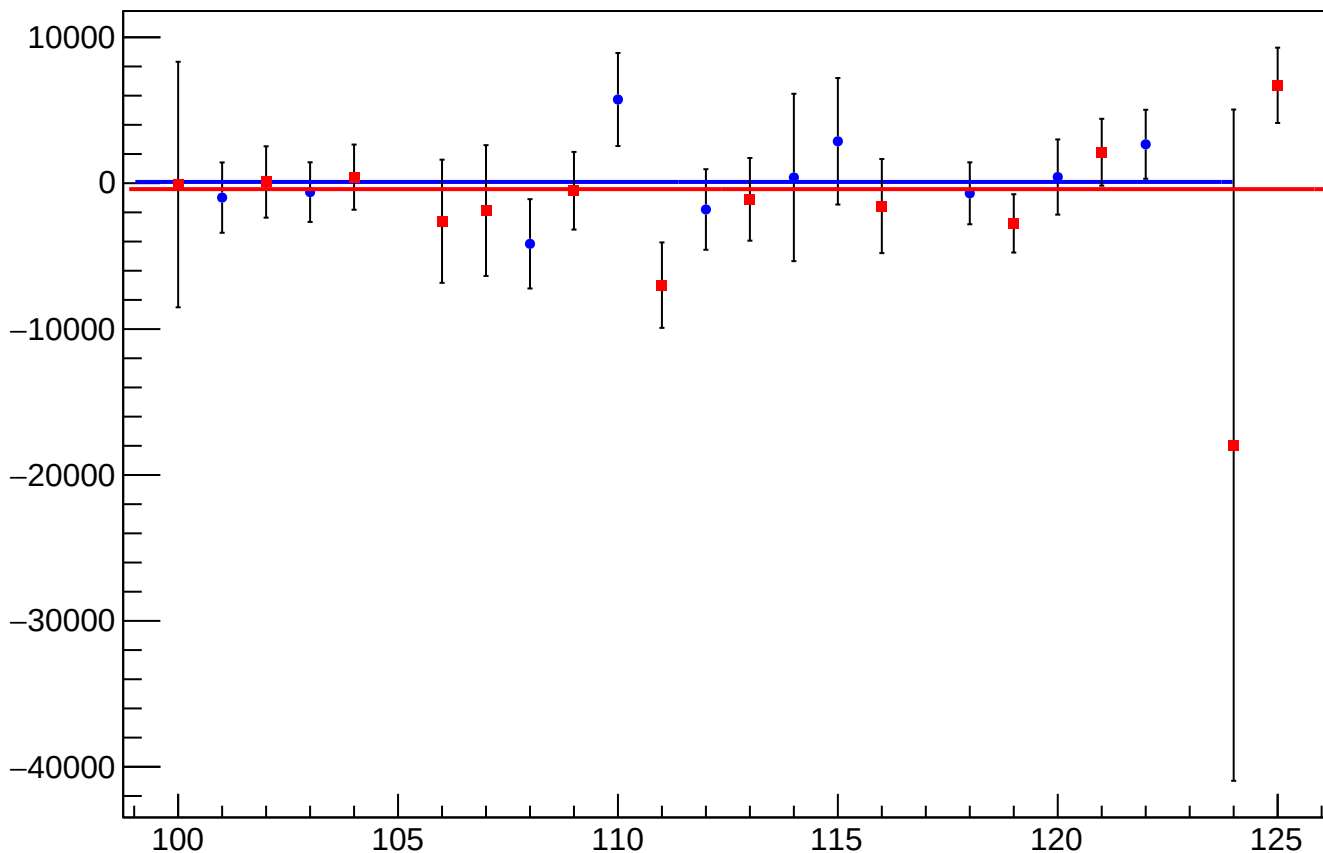
Right: 449.236+/-0.219 χ^2/NDF : 13484606.0/22

In: 2255.621+/-0.845 χ^2/NDF : 934442.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 449.236+/-0.219 χ^2/NDF : 13484606.0/22

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: -406.076+/-800.918 χ^2 /NDF: 16.6/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

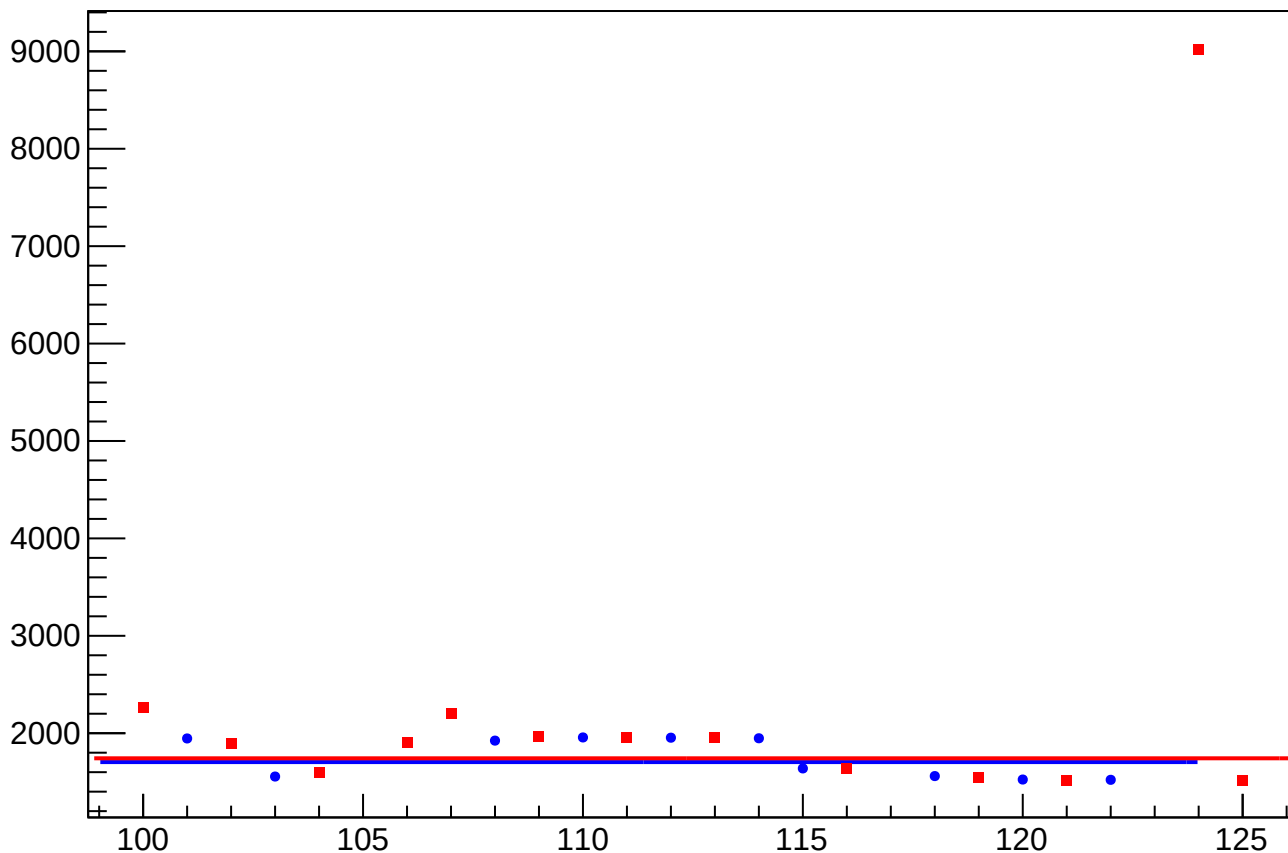
Right: -174.690+/-583.050 χ^2 /NDF: 24.4/22

In: 86.183+/-850.421 χ^2 /NDF:7.6/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -174.690+/-583.050 χ^2 /NDF: 24.4/22

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: 1742.407+/-0.563 χ^2/NDF : 343880.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

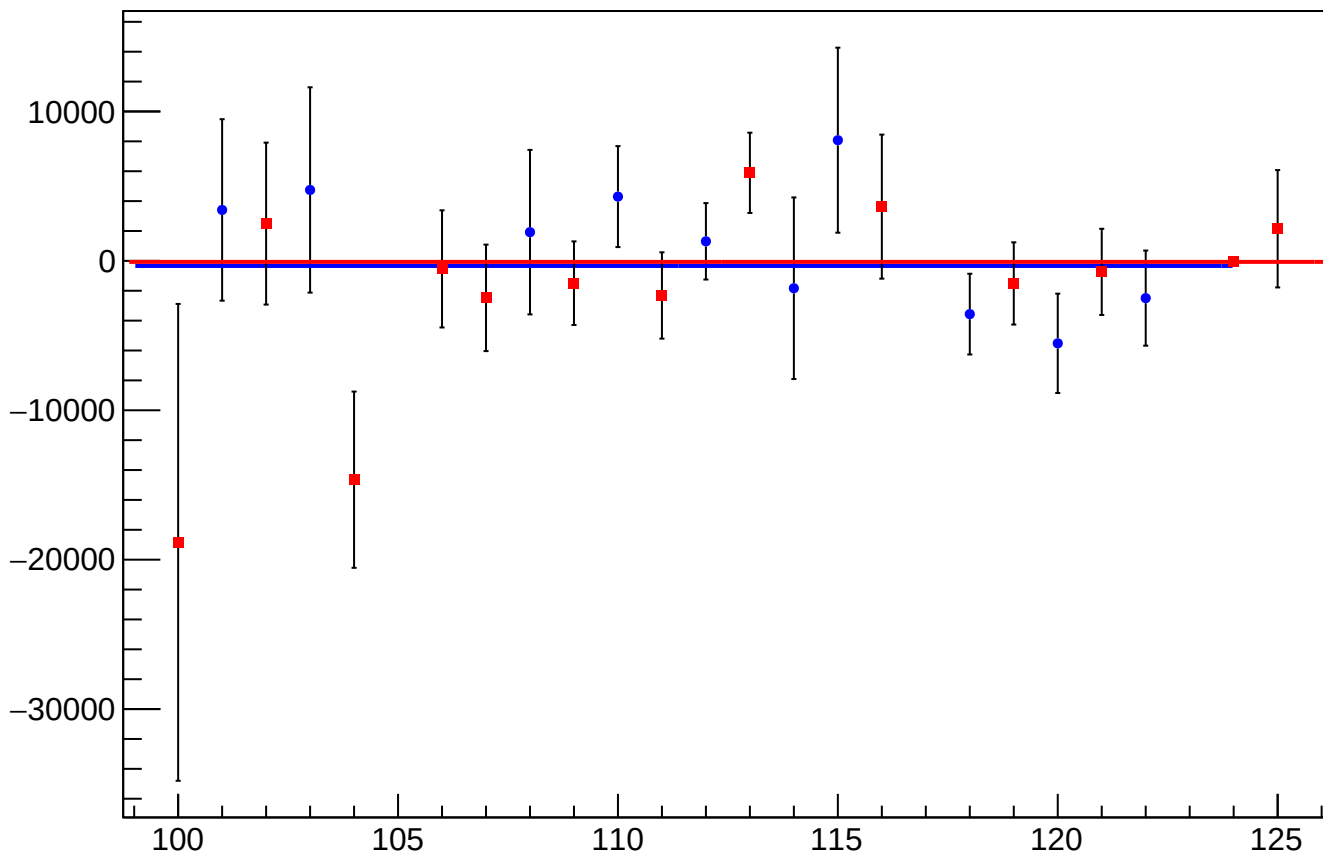
Right: 1724.321+/-0.411 χ^2/NDF : 451071.7/22

In: 1703.659+/-0.601 χ^2/NDF :104977.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1724.321+/-0.411 χ^2/NDF : 451071.7/22

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: -67.846+/-320.528 χ^2/NDF : 15.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

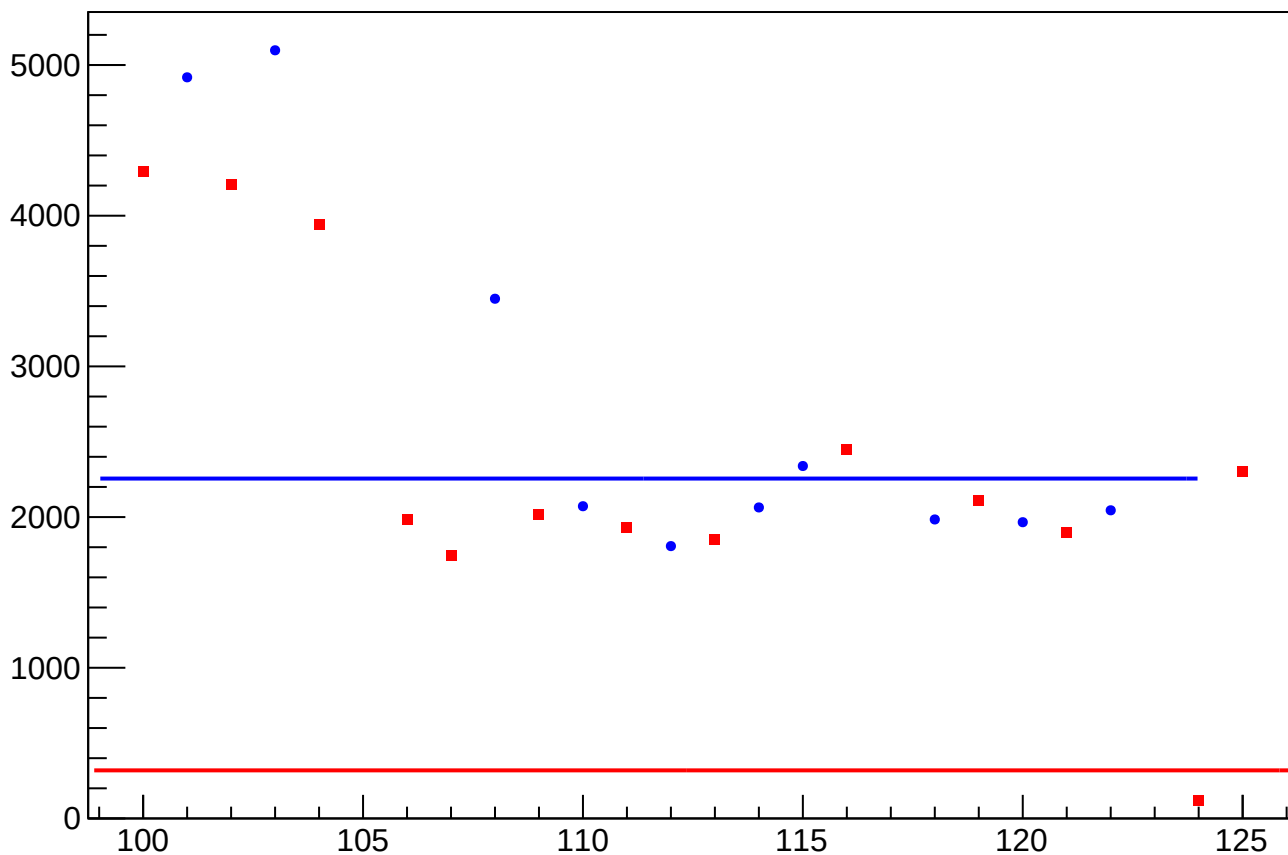
Right: -86.204+/-309.573 χ^2/NDF : 24.9/22

In: -341.083+/-1194.322 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -86.204+/-309.573 χ^2/NDF : 24.9/22

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: 319.129+/-0.227 χ^2/NDF : 7645454.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

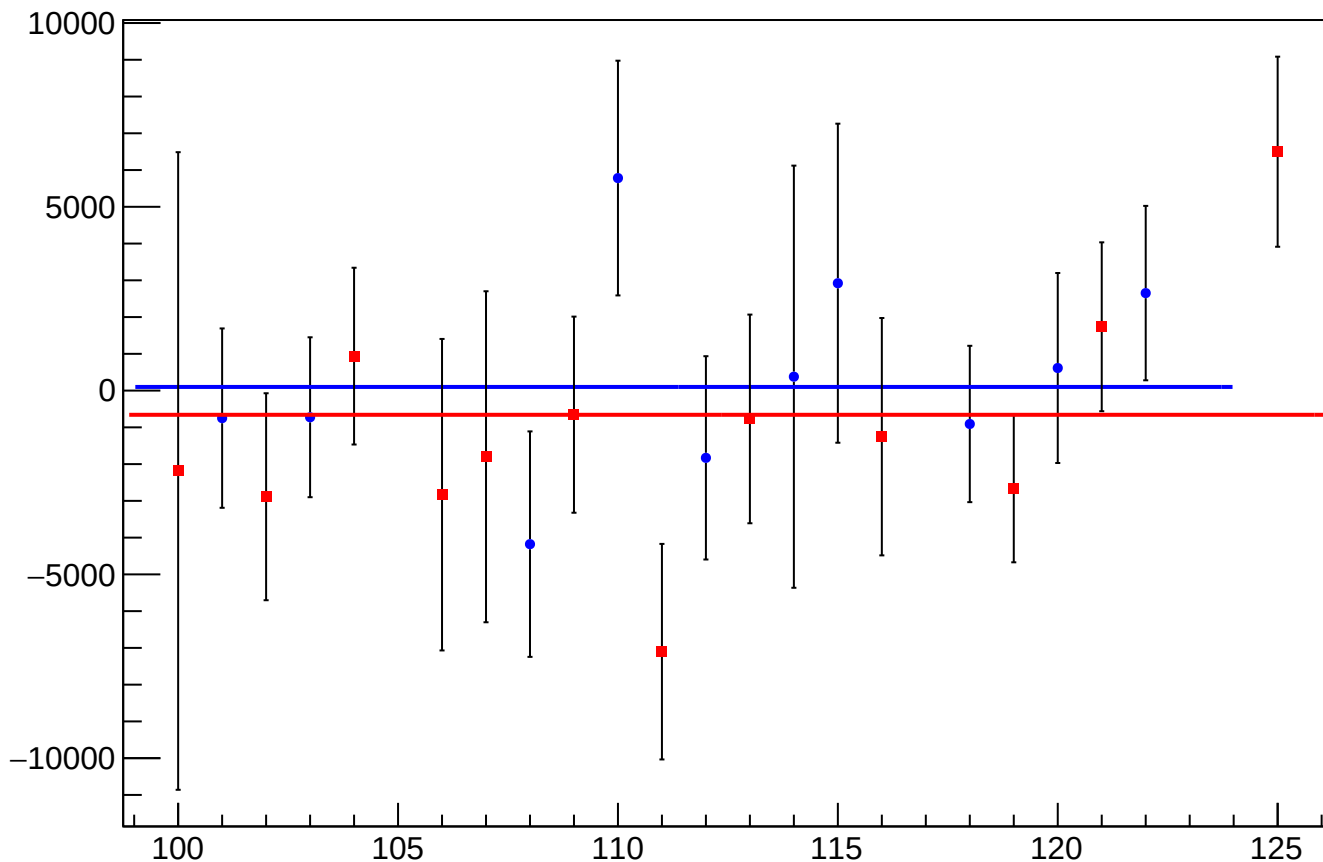
Right: 449.236+/-0.219 χ^2/NDF : 13484606.0/22

In: 2255.621+/-0.845 χ^2/NDF : 934442.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 449.236+/-0.219 χ^2/NDF : 13484606.0/22

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: -658.551+/-821.268 χ^2/NDF : 16.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

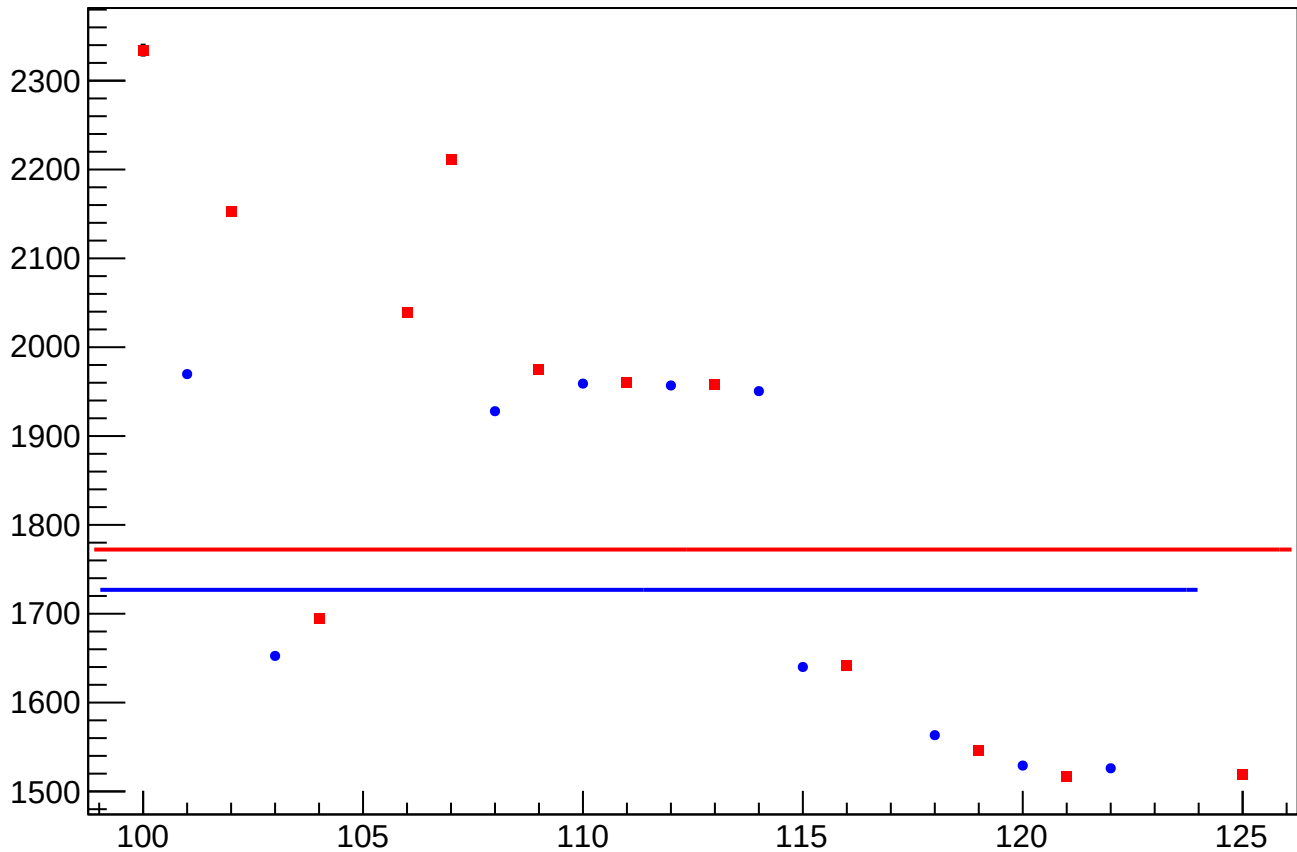
Right: -297.819+/-594.545 χ^2/NDF : 24.2/21

In: 99.420+/-861.825 χ^2/NDF : 7.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -297.819+/-594.545 χ^2/NDF : 24.2/21

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: 1772.258+/-0.579 χ^2/NDF : 176257.8/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

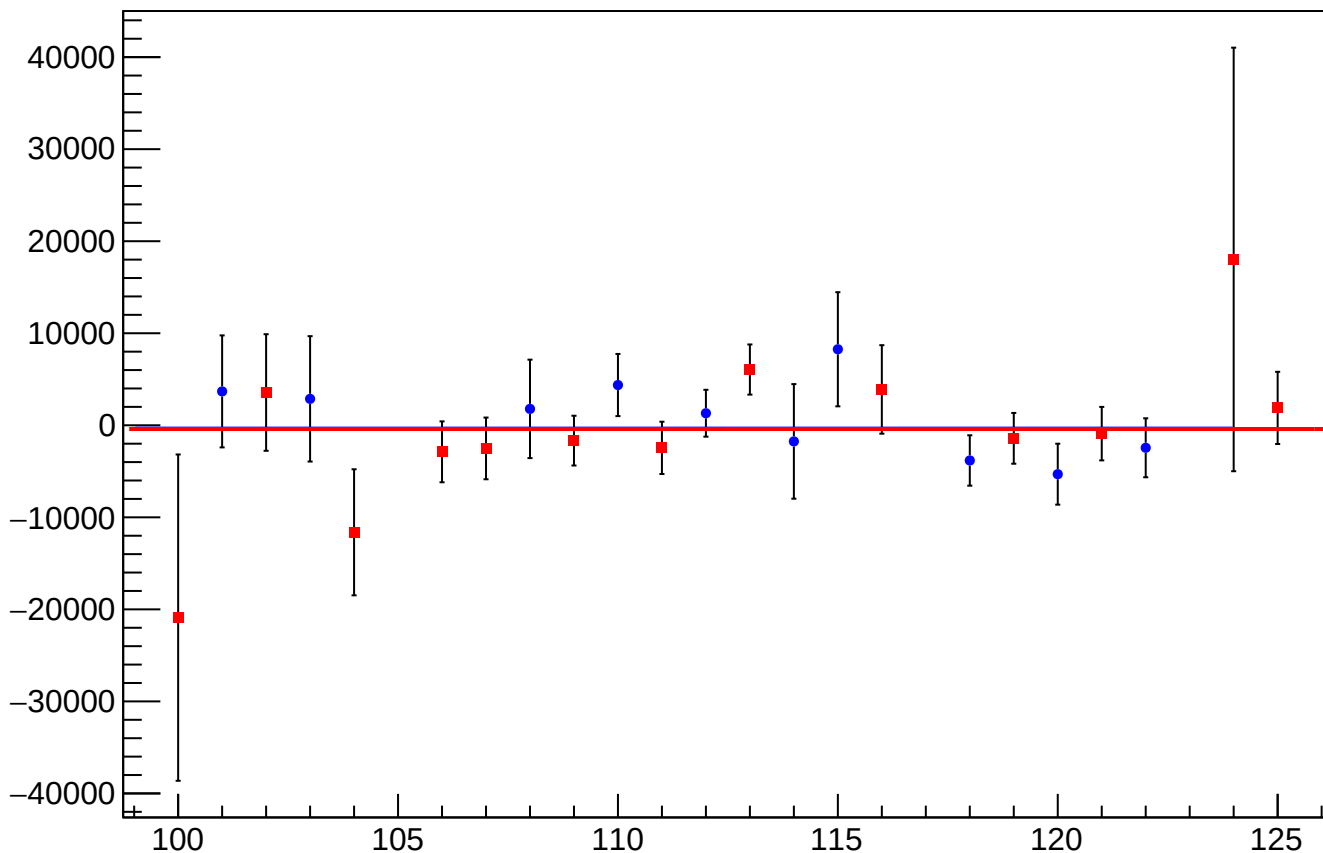
Right: 1750.756+/-0.420 χ^2/NDF : 276038.7/21

In: 1726.898+/-0.609 χ^2/NDF : 96866.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1750.756+/-0.420 χ^2/NDF : 276038.7/21

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: -403.553+/-1007.426 χ^2/NDF : 13.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

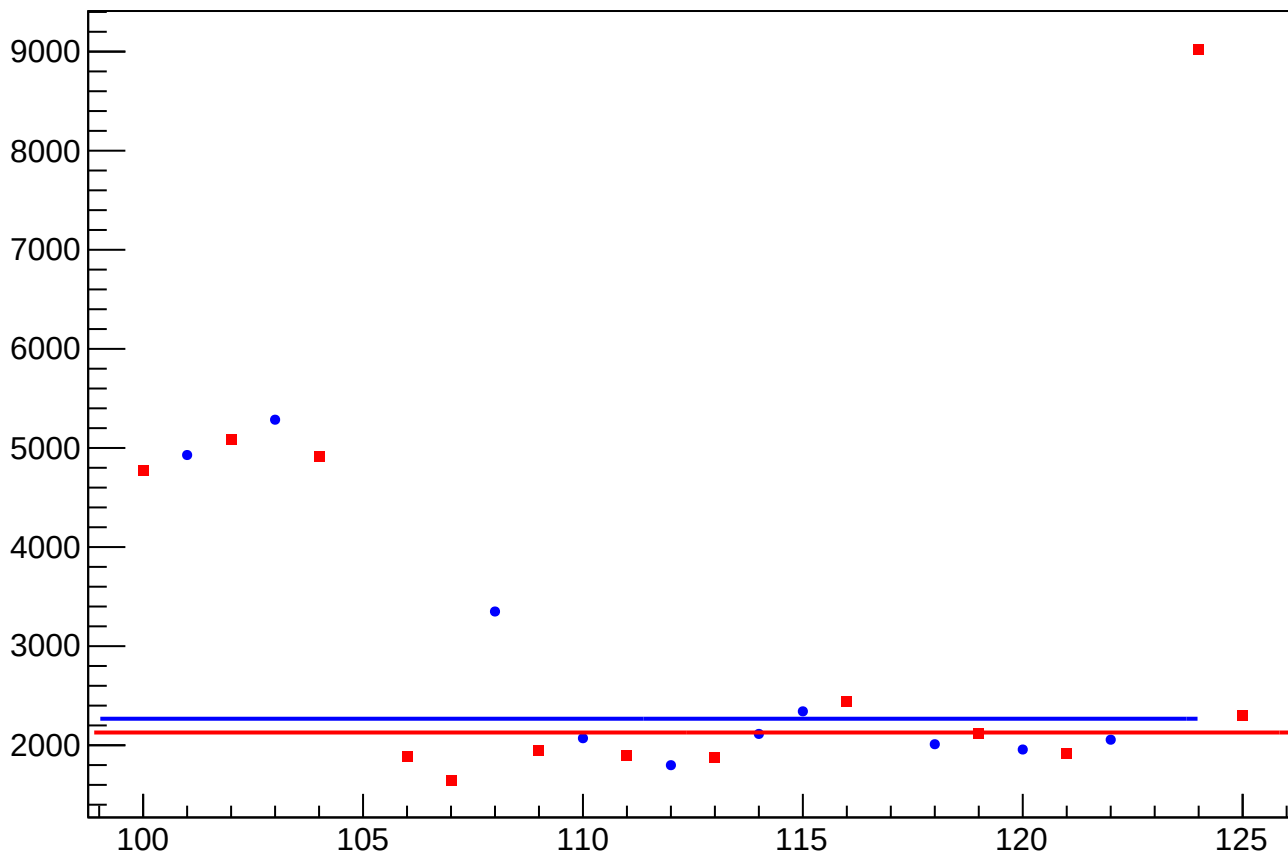
Right: -386.797+/-770.466 χ^2/NDF : 23.1/22

In: -363.188+/-1195.851 χ^2/NDF :9.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -386.797+/-770.466 χ^2/NDF : 23.1/22

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: 2128.606+/-0.712 χ^2/NDF : 1106690.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

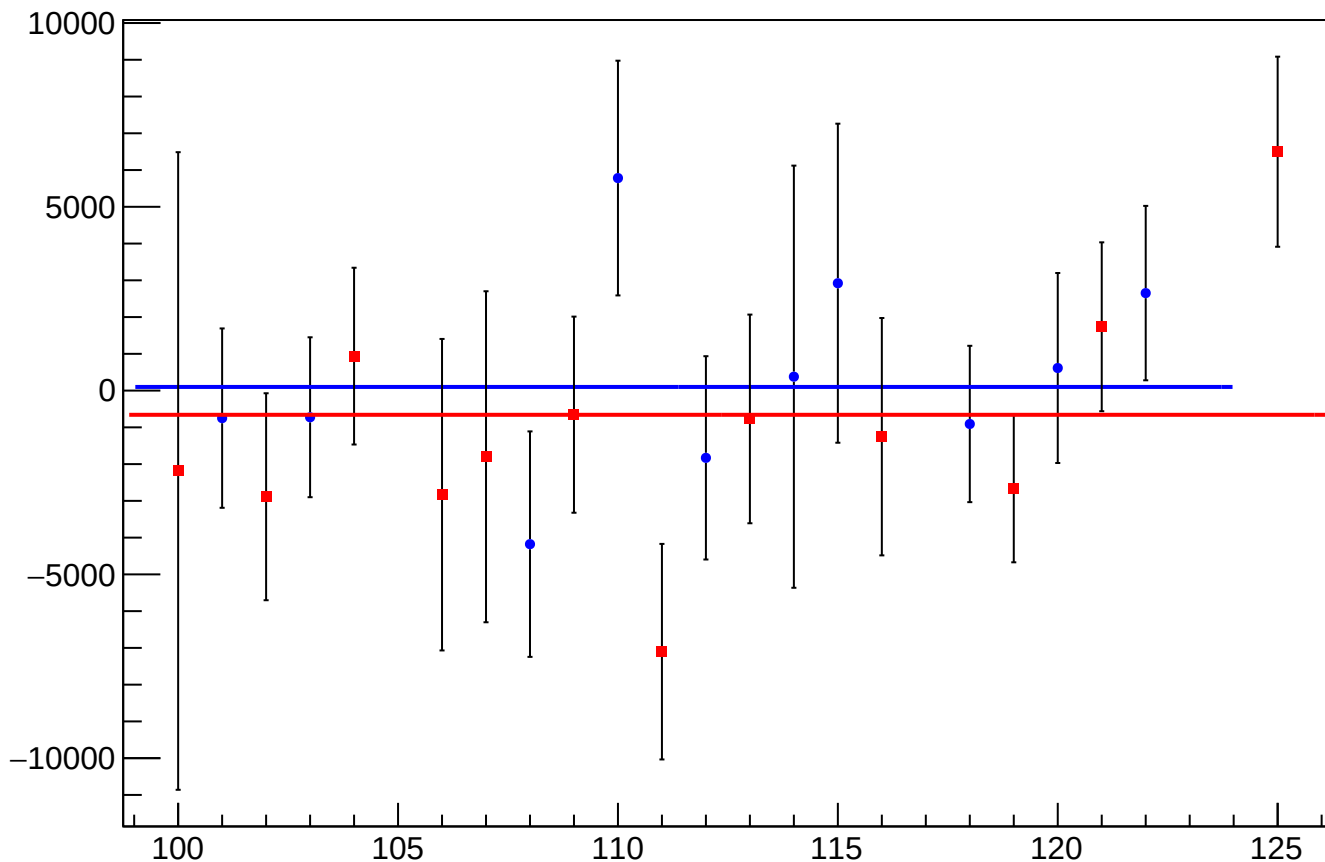
Right: 2186.295+/-0.545 χ^2/NDF : 2099636.3/22

In: 2267.582+/-0.846 χ^2/NDF : 977146.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2186.295+/-0.545 χ^2/NDF : 2099636.3/22

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: -658.562+/-821.268 χ^2/NDF : 16.0/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

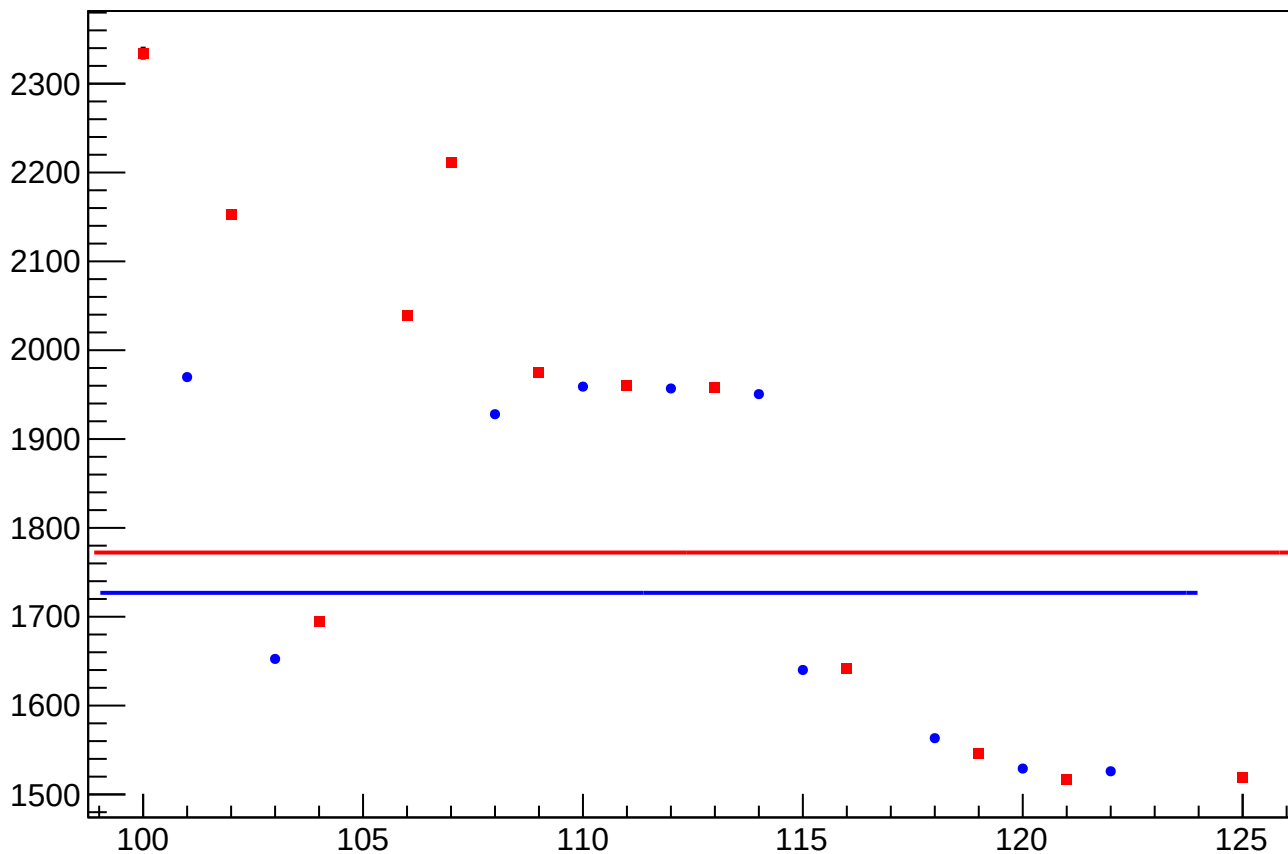
Right: -297.825+/-594.545 χ^2/NDF : 24.2/21

In: 99.420+/-861.825 χ^2/NDF : 7.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -297.825+/-594.545 χ^2/NDF : 24.2/21

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: 1772.258+/-0.579 χ^2/NDF : 176257.3/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

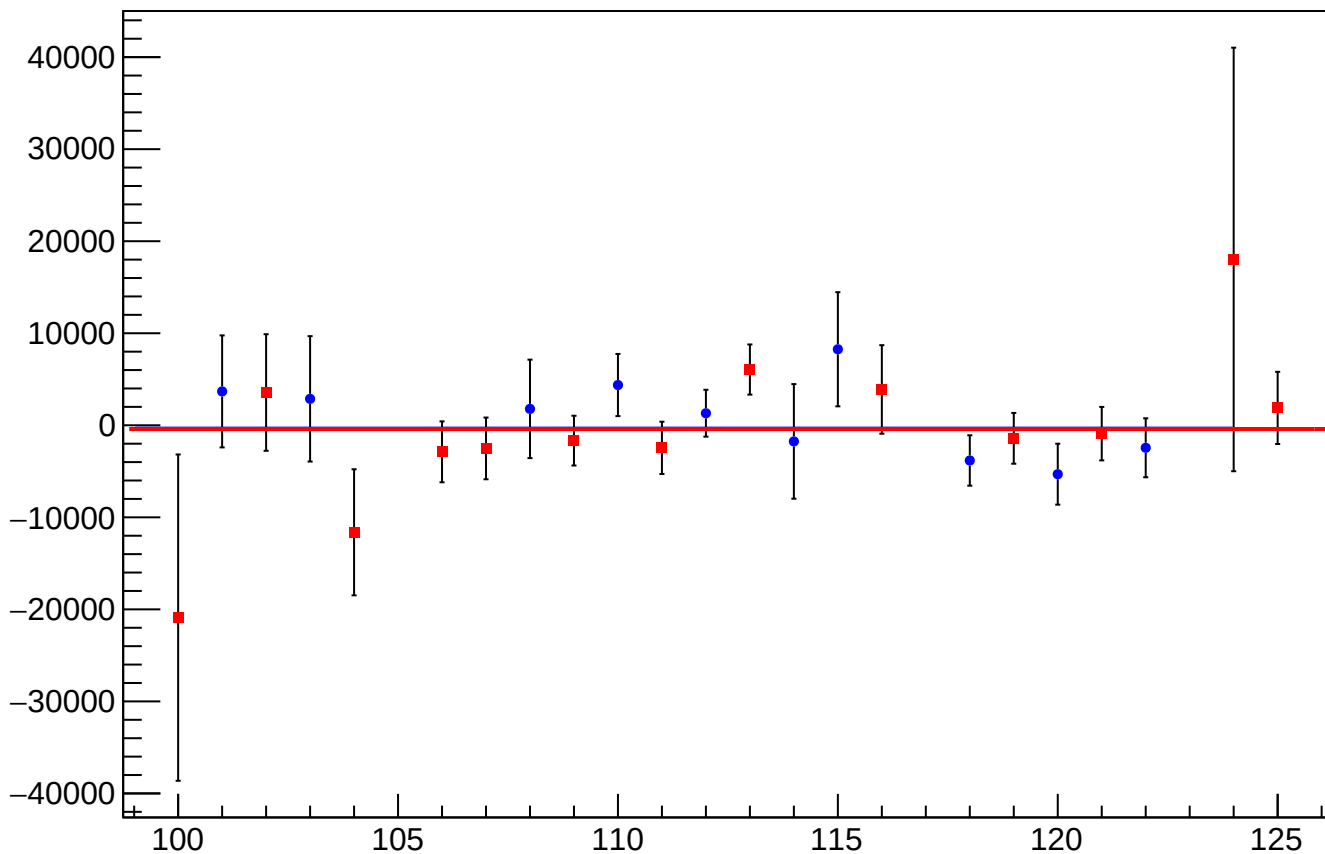
Right: 1750.755+/-0.420 χ^2/NDF : 276038.3/21

In: 1726.898+/-0.609 χ^2/NDF : 96867.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1750.755+/-0.420 χ^2/NDF : 276038.3/21

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: -403.553+/-1007.422 χ^2/NDF : 13.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

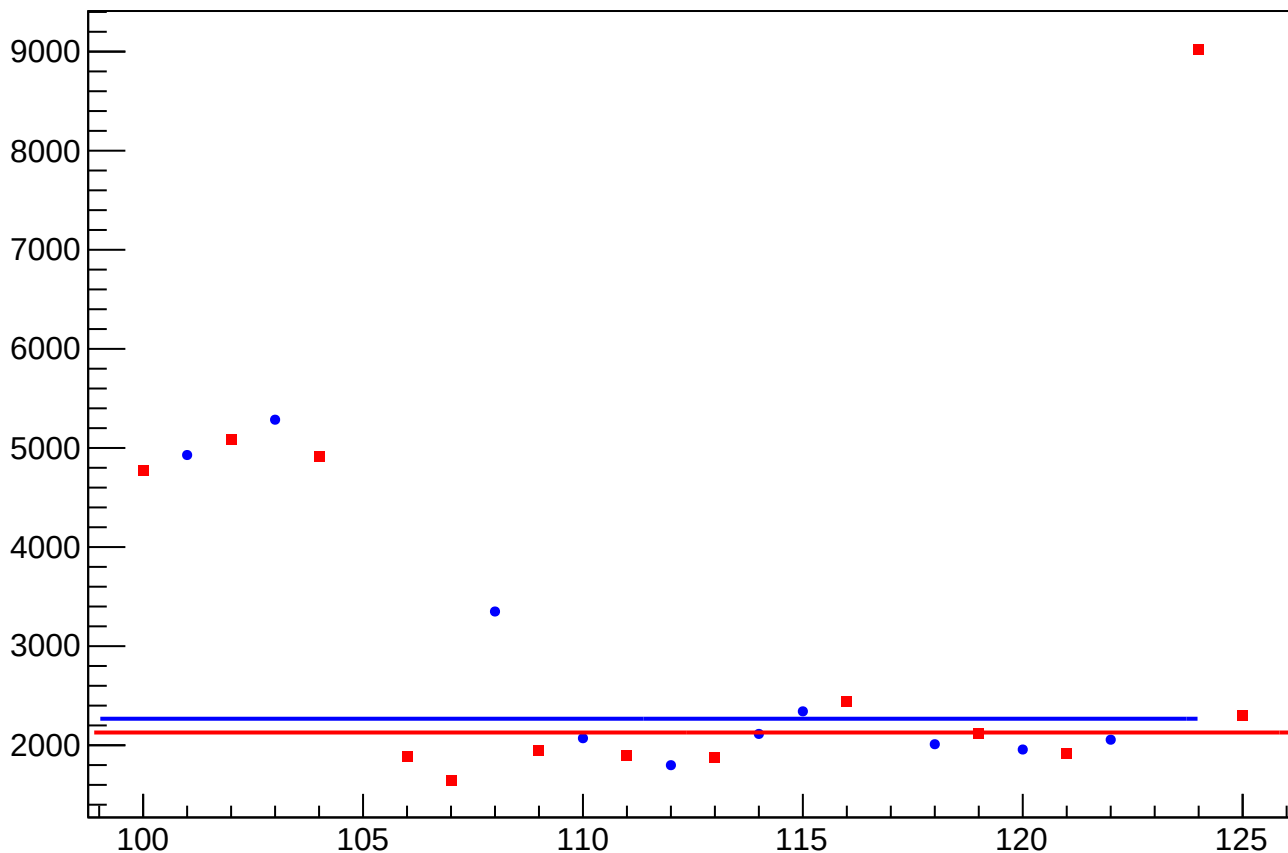
Right: -386.799+/-770.463 χ^2/NDF : 23.1/22

In: -363.192+/-1195.845 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -386.799+/-770.463 χ^2/NDF : 23.1/22

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: 2128.598+/-0.712 χ^2/NDF : 1106695.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

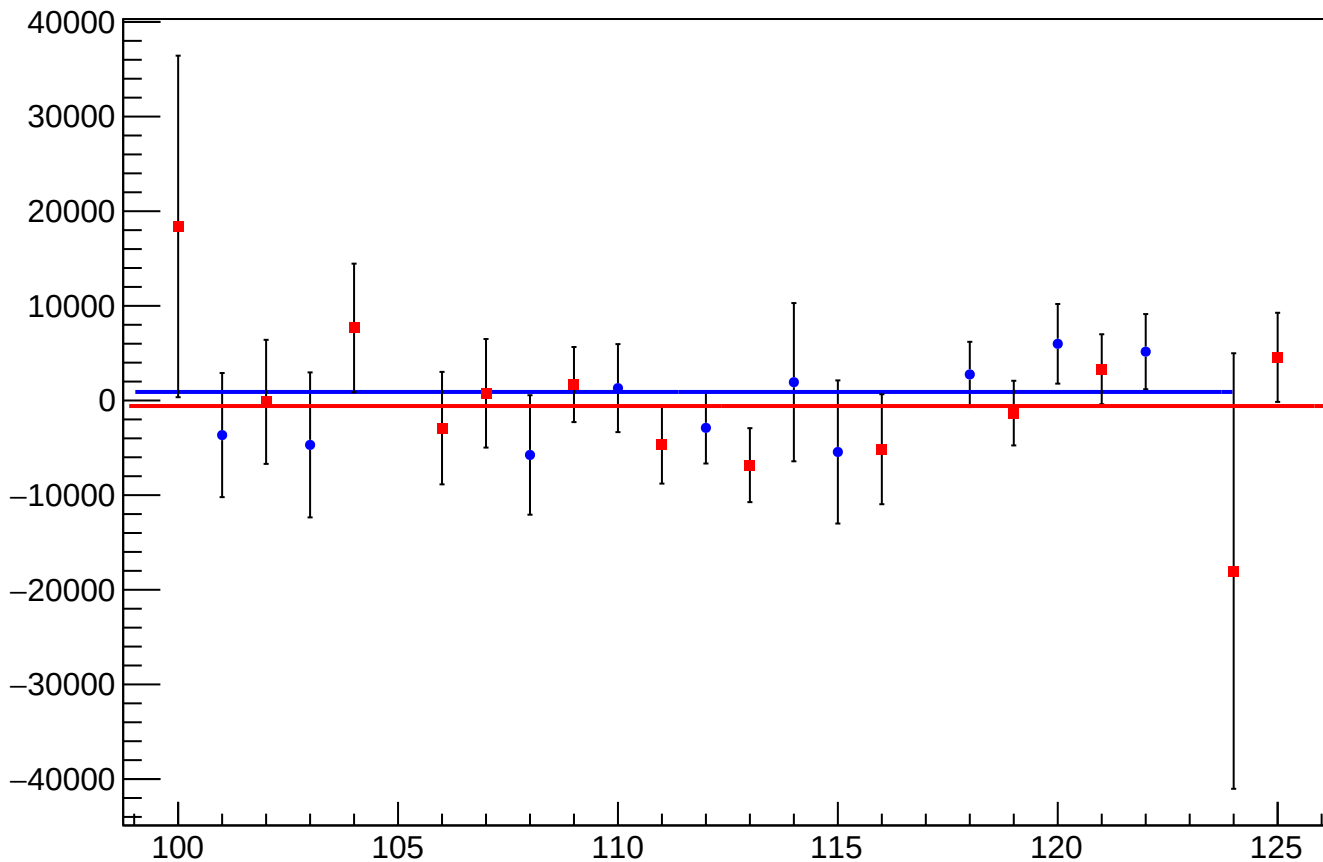
Right: 2186.286+/-0.545 χ^2/NDF : 2099646.5/22

In: 2267.570+/-0.846 χ^2/NDF : 977152.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2186.286+/-0.545 χ^2/NDF : 2099646.5/22

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: -584.643+/-1373.155 χ^2/NDF : 10.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

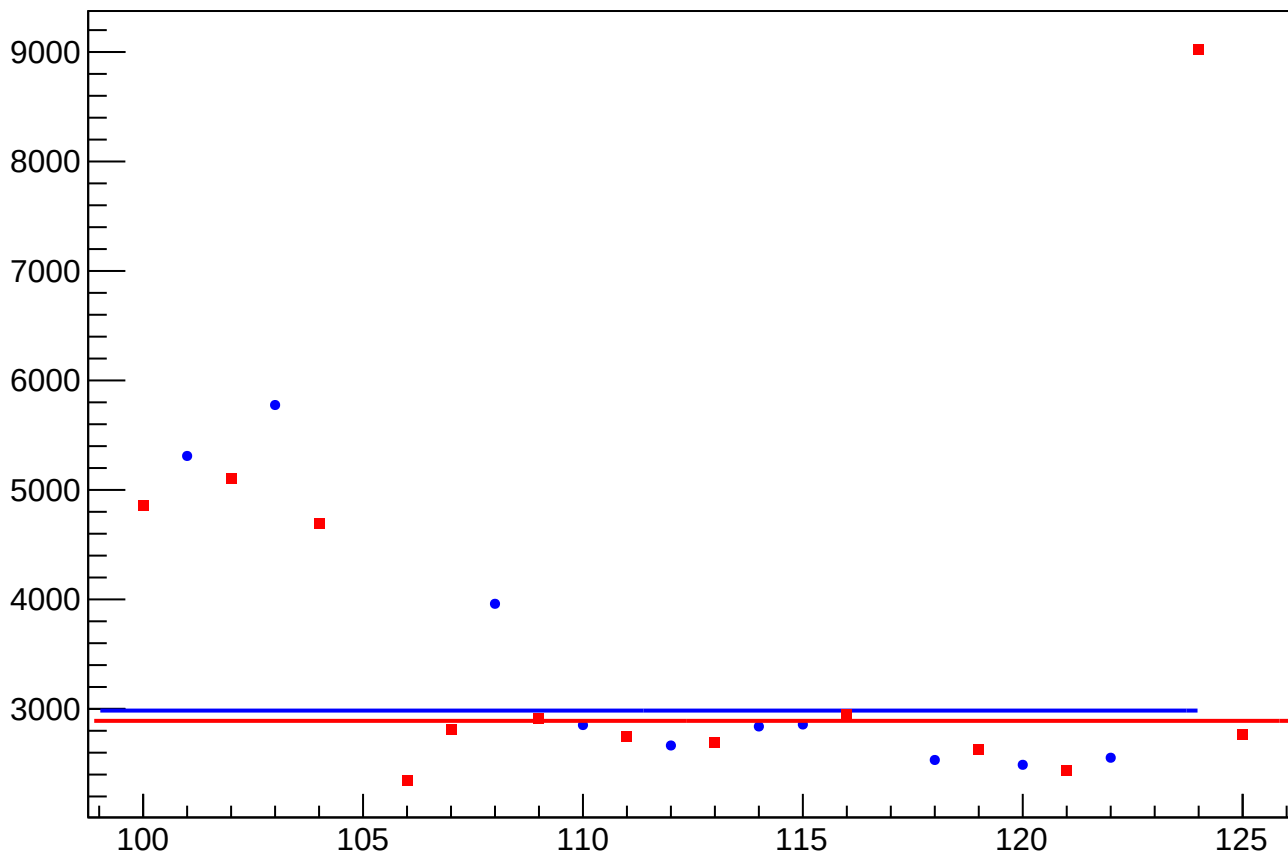
Right: 71.168+/-1026.909 χ^2/NDF : 17.5/22

In: 903.382+/-1546.847 χ^2/NDF : 6.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.168+/-1026.909 χ^2/NDF : 17.5/22

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: 2890.635+/-0.953 χ^2/NDF : 615503.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

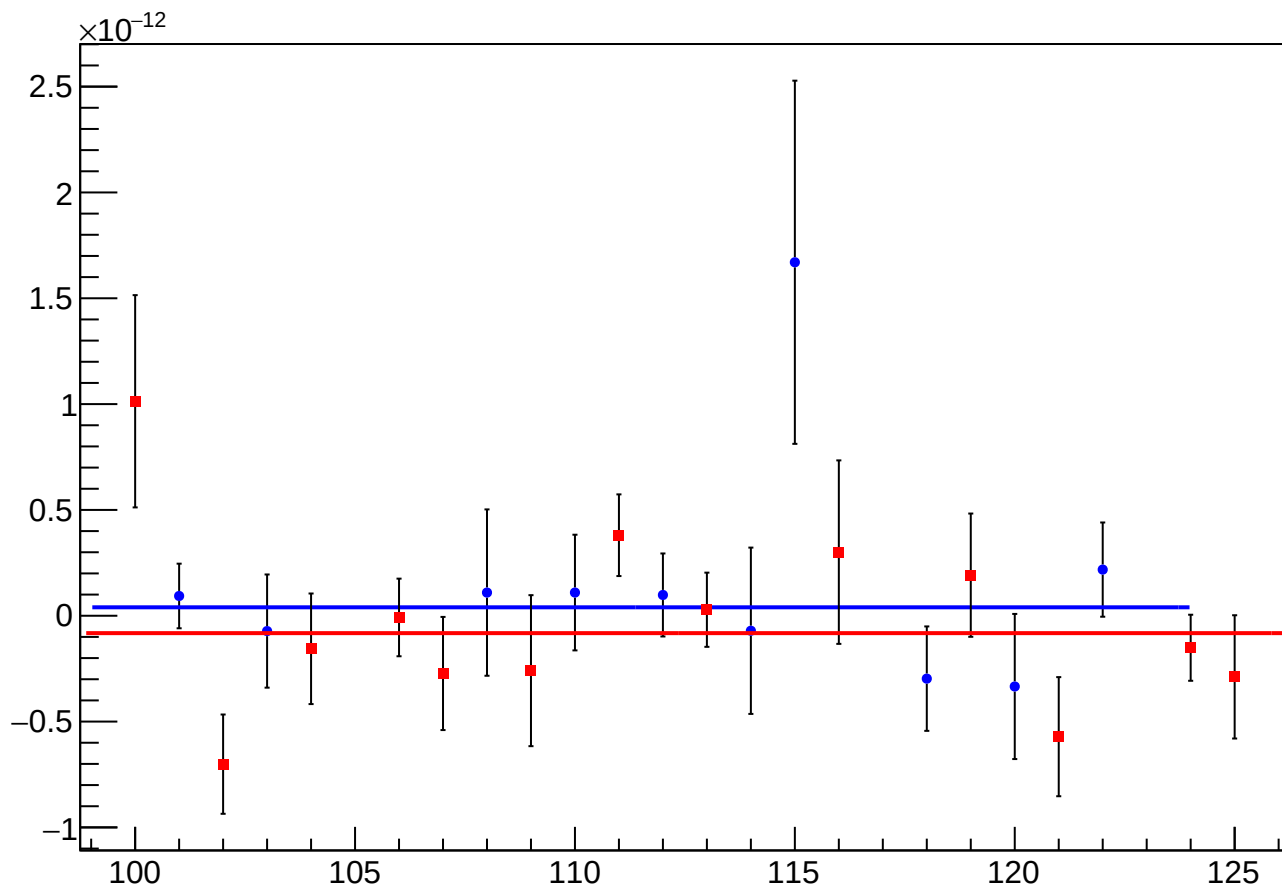
Right: 2931.136+/-0.718 χ^2/NDF : 1287173.9/22

In: 2984.538+/-1.094 χ^2/NDF : 667479.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2931.136+/-0.718 χ^2/NDF : 1287173.9/22

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 : 24.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

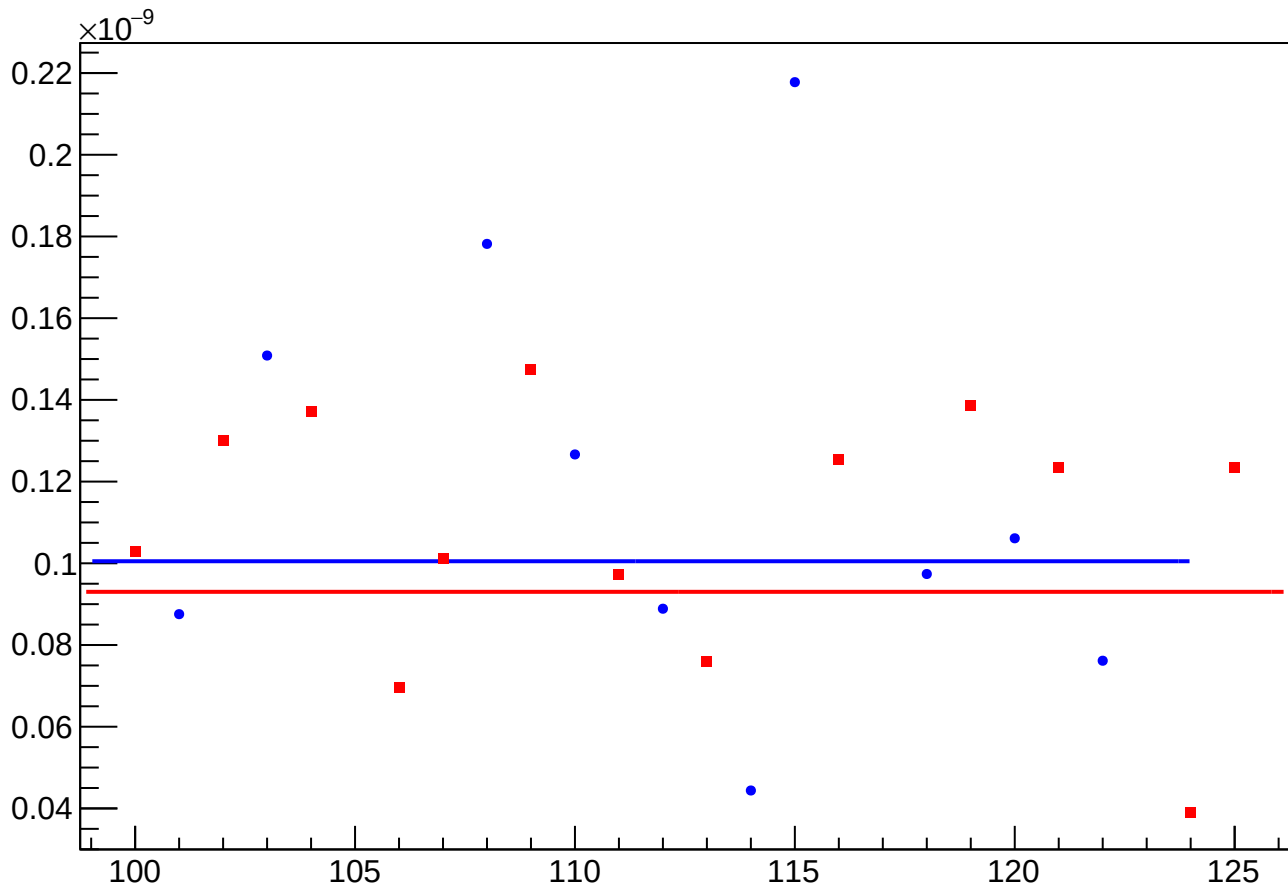
Right: -0.000+/-0.000 χ^2/NDF : 33.5/22

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 : 33.5/22

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 : 554433.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

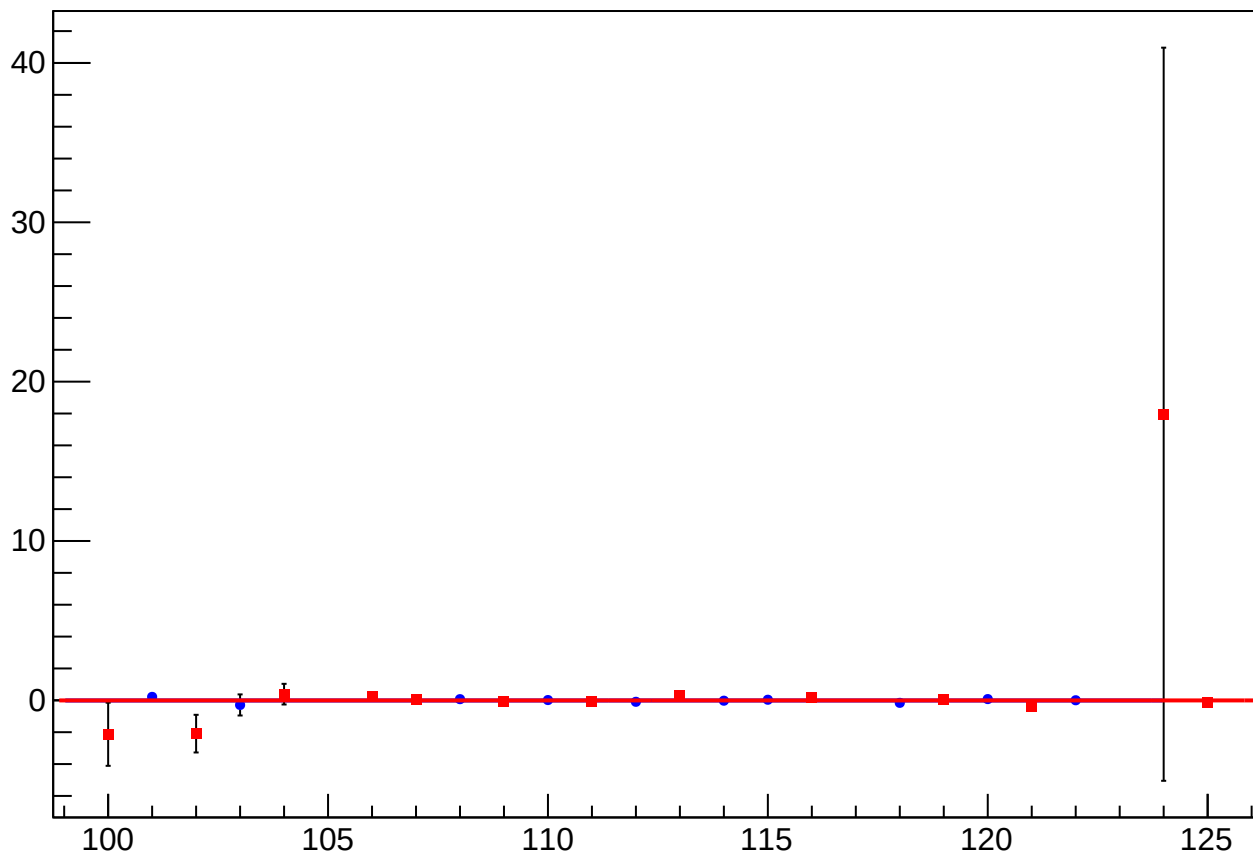
Right: 0.000+/-0.000 χ^2/NDF : 856593.1/22

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 : 856593.1/22

asym_atl_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.054 χ^2 /NDF: 3.3/9

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

Right Out: -0.006 $\pm$ 0.050 χ^2 /NDF: 19.0/12

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

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

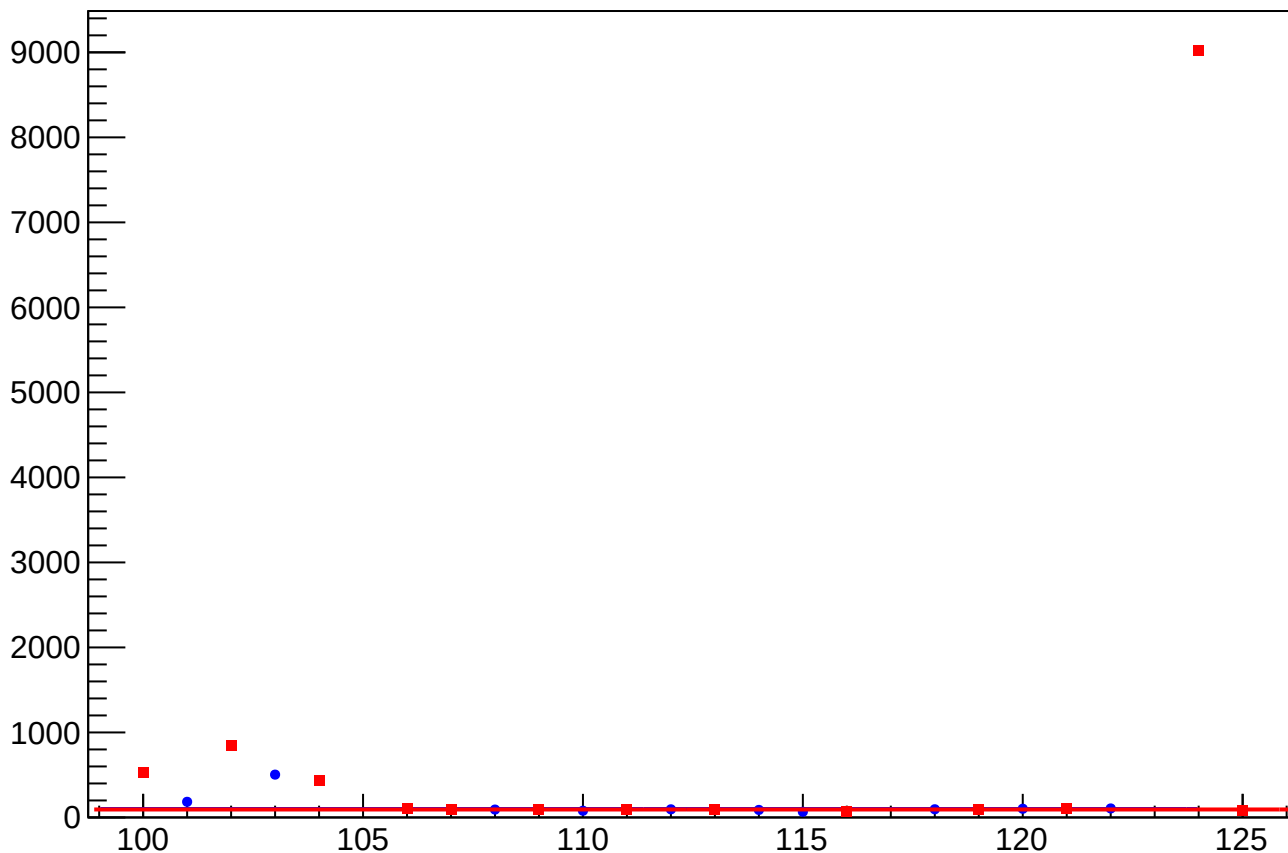
Right: -0.008 $\pm$ 0.037 χ^2 /NDF: 22.4/22

In: -0.010 $\pm$ 0.054 χ^2 /NDF:3.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.037 χ^2 /NDF: 22.4/22

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: 93.913+/-0.035 χ^2/NDF : 1814056.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

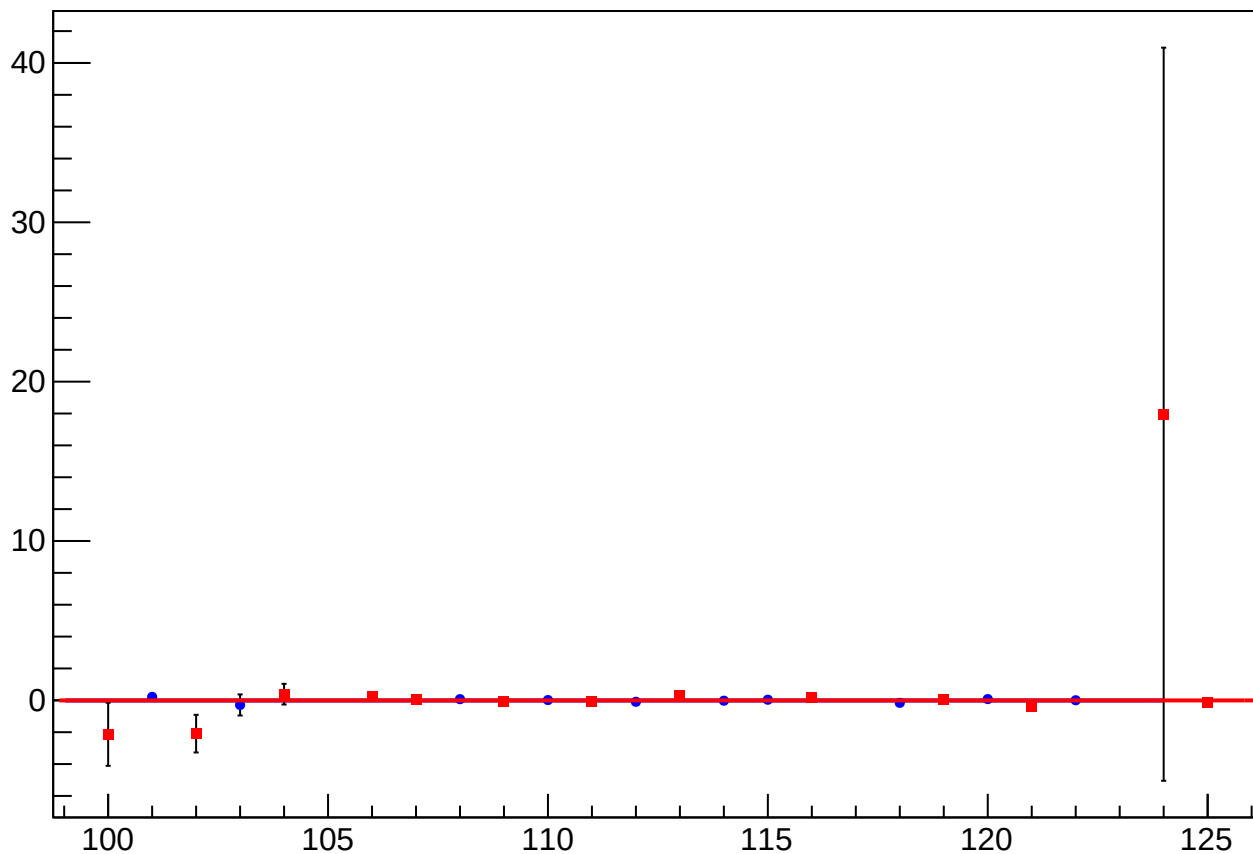
Right: 96.185+/-0.026 χ^2/NDF : 2951183.3/22

In: 98.931+/-0.039 χ^2/NDF : 1127833.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.185+/-0.026 χ^2/NDF : 2951183.3/22

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: -0.006+/-0.050 χ^2/NDF : 19.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

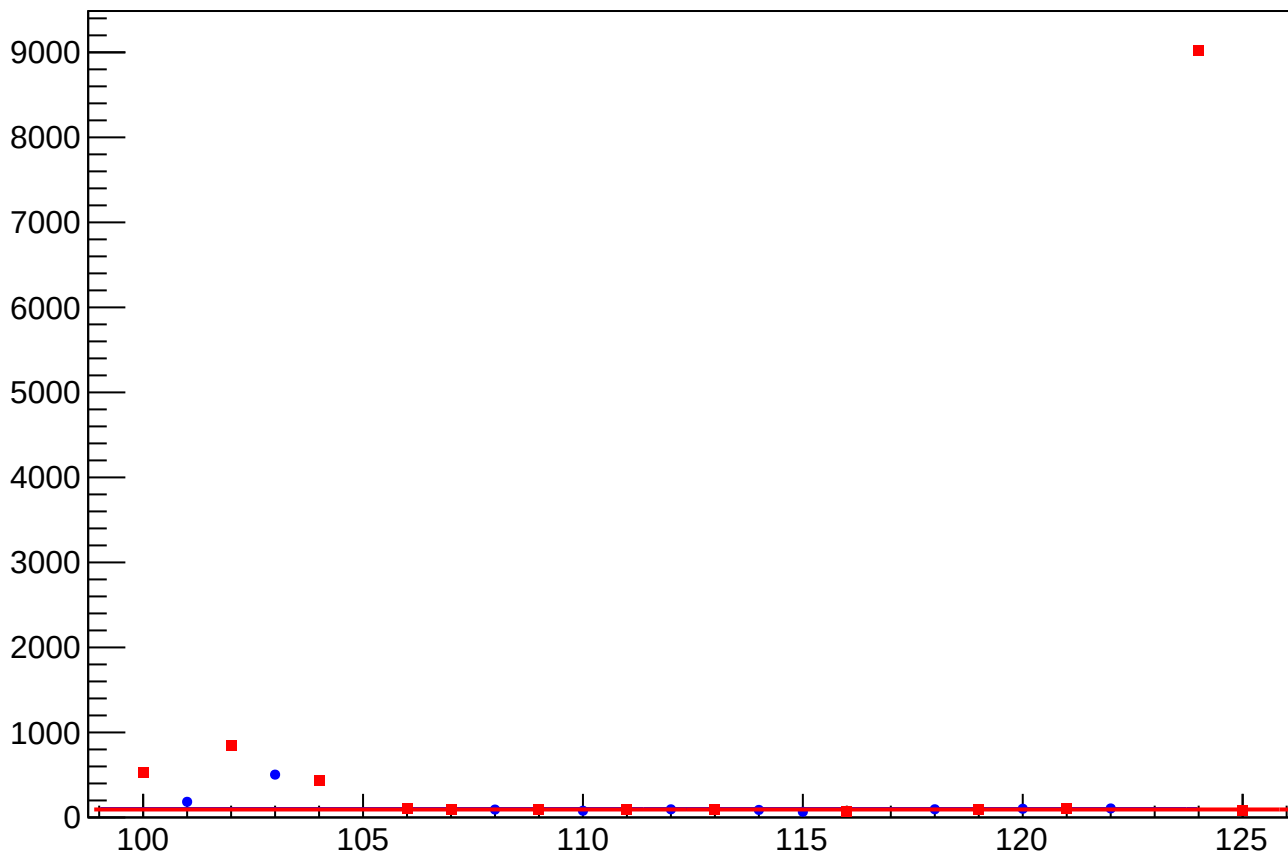
Right: -0.008+/-0.037 χ^2/NDF : 22.4/22

In: -0.010+/-0.054 χ^2/NDF : 3.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.037 χ^2/NDF : 22.4/22

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: 93.913+/-0.035 χ^2/NDF : 1814056.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

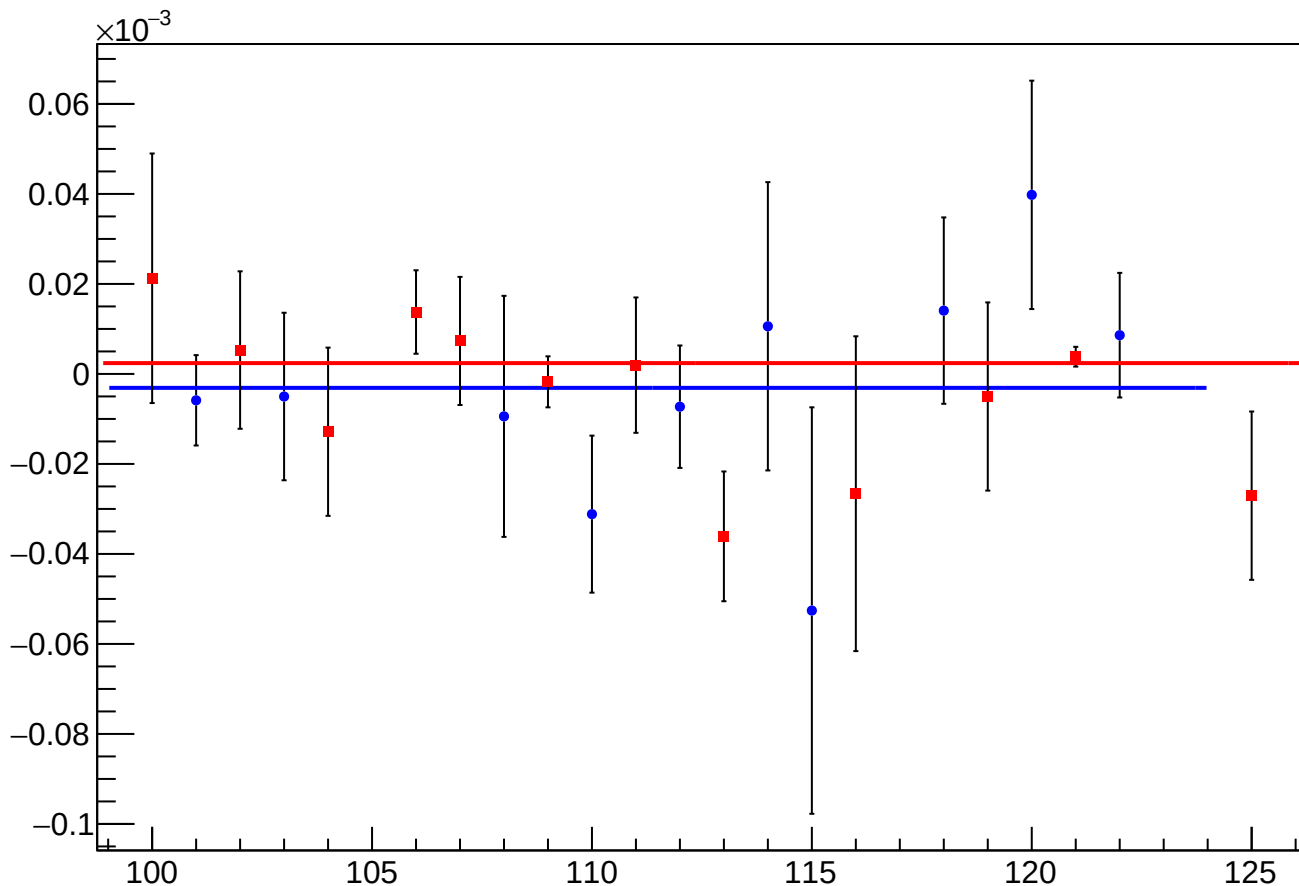
Right: 96.185+/-0.026 χ^2/NDF : 2951183.3/22

In: 98.931+/-0.039 χ^2/NDF : 1127833.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.185+/-0.026 χ^2/NDF : 2951183.3/22

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 : 14.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

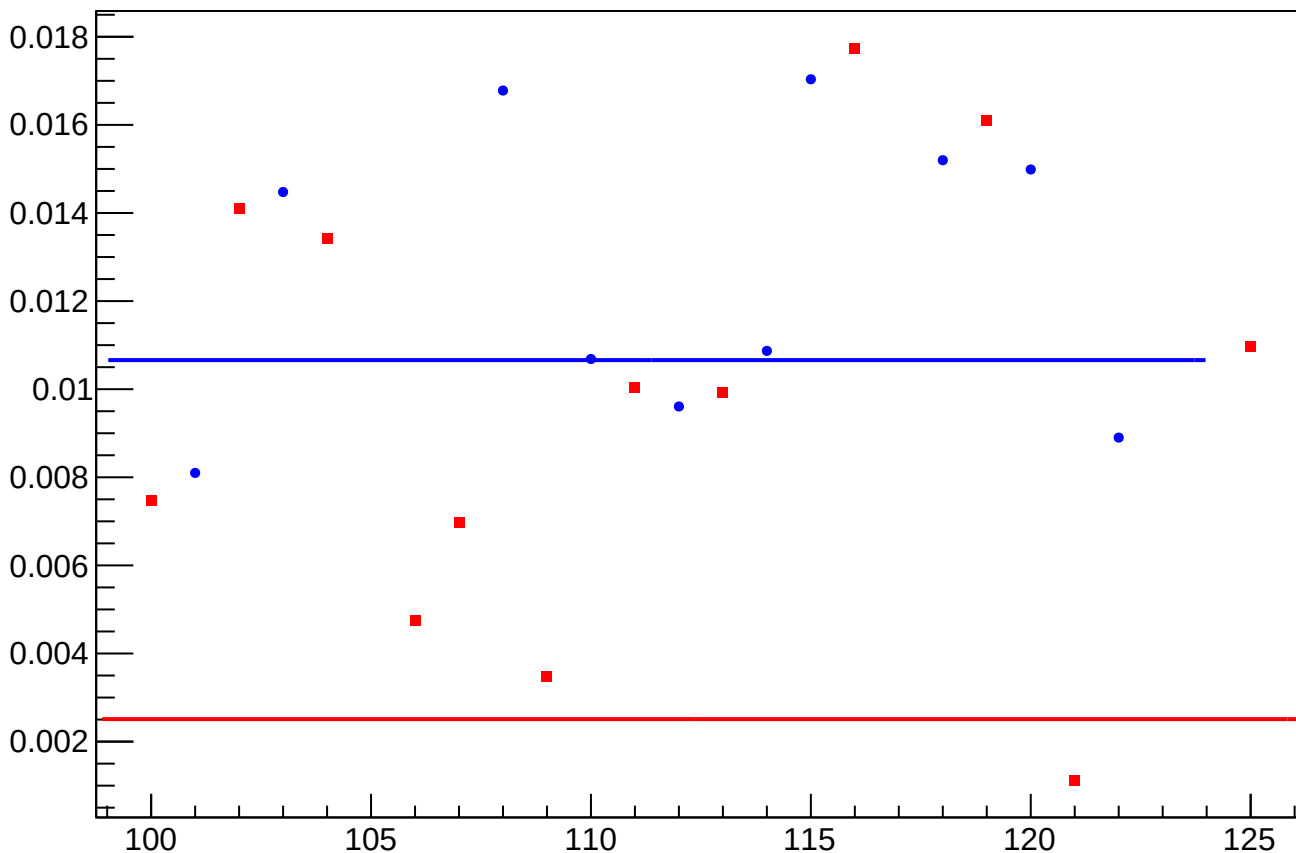
Right: 0.000+/-0.000 χ^2/NDF : 23.5/21

In: -0.000+/-0.000 χ^2/NDF :8.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.5/21

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: 0.003+/-0.000 χ^2/NDF : 5470904.6/11

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

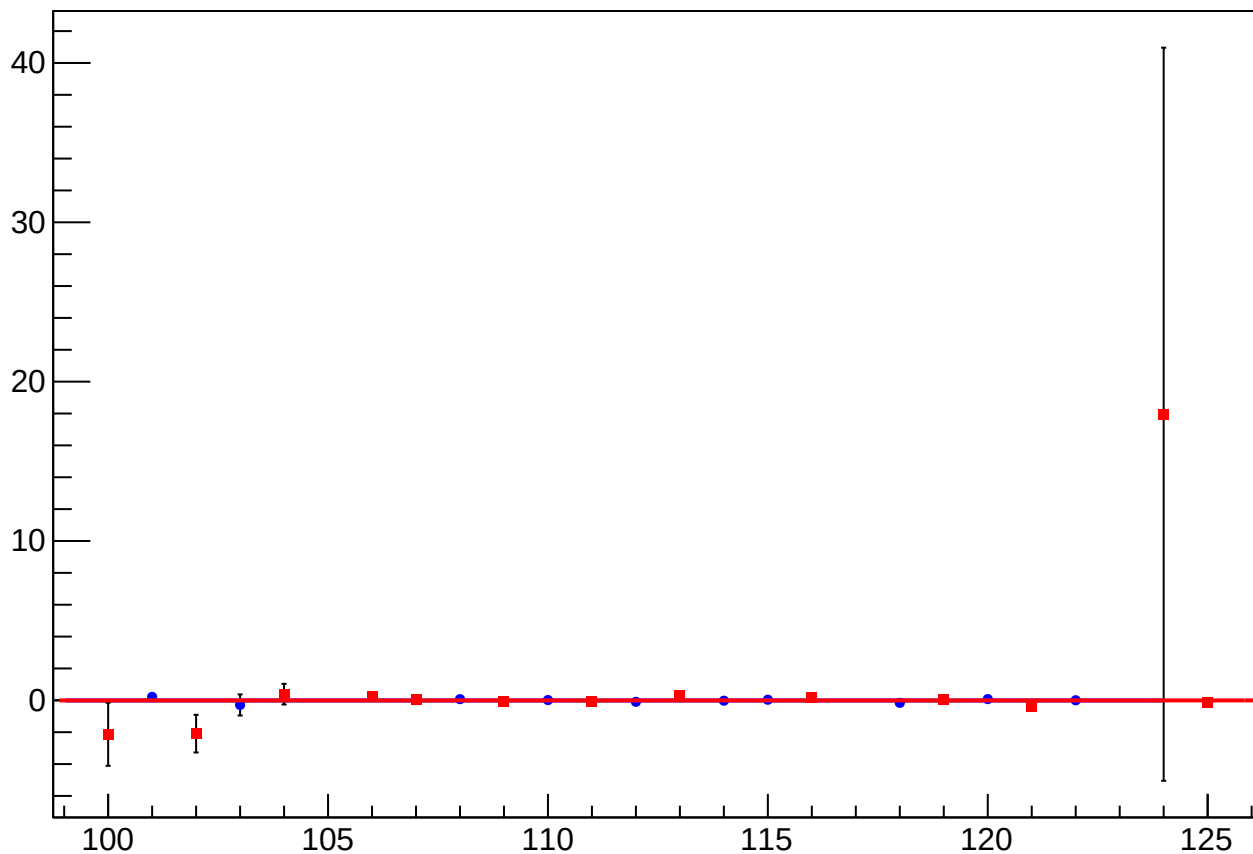
Right: 0.003+/-0.000 χ^2/NDF : 9994189.2/21

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 : 9994189.2/21

asym_atl_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.054 χ^2 /NDF: 3.3/9

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

Right Out: -0.006 $\pm$ 0.050 χ^2 /NDF: 19.0/12

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

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

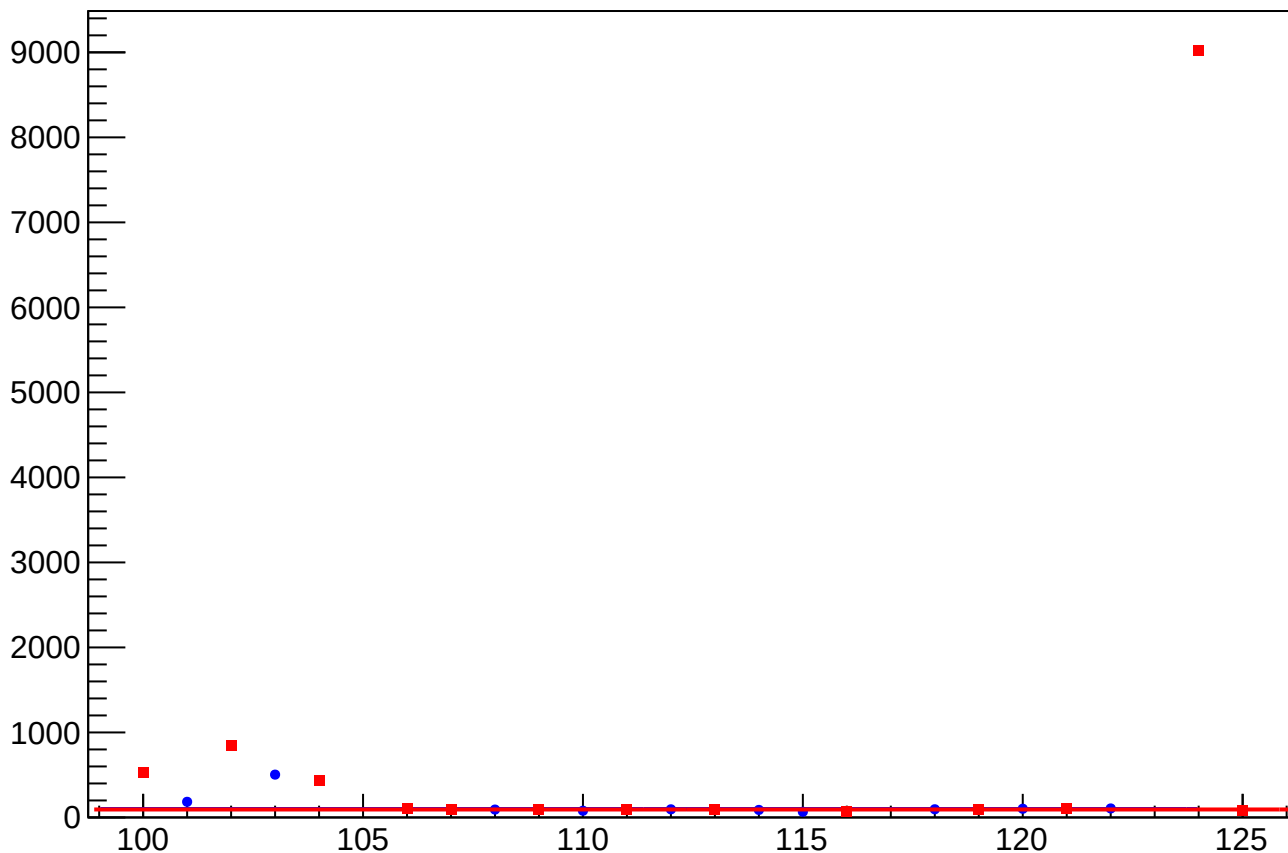
Right: -0.008 $\pm$ 0.037 χ^2 /NDF: 22.4/22

In: -0.010 $\pm$ 0.054 χ^2 /NDF:3.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.037 χ^2 /NDF: 22.4/22

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: 93.915+/-0.035 χ^2/NDF : 1814009.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

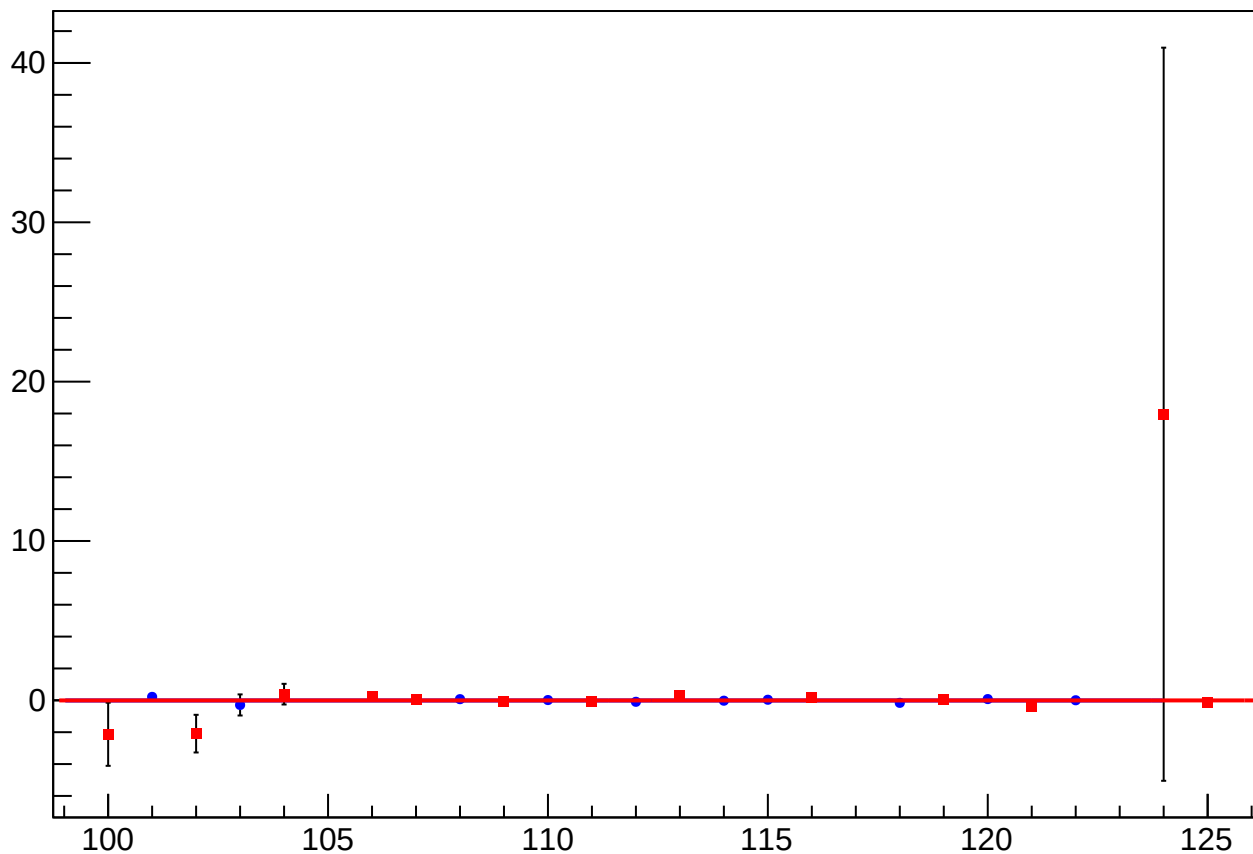
Right: 96.186+/-0.026 χ^2/NDF : 2951105.3/22

In: 98.932+/-0.039 χ^2/NDF : 1127803.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.186+/-0.026 χ^2/NDF : 2951105.3/22

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.054 χ^2 /NDF: 3.3/9

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

Right Out: -0.006 $\pm$ 0.050 χ^2 /NDF: 19.0/12

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

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

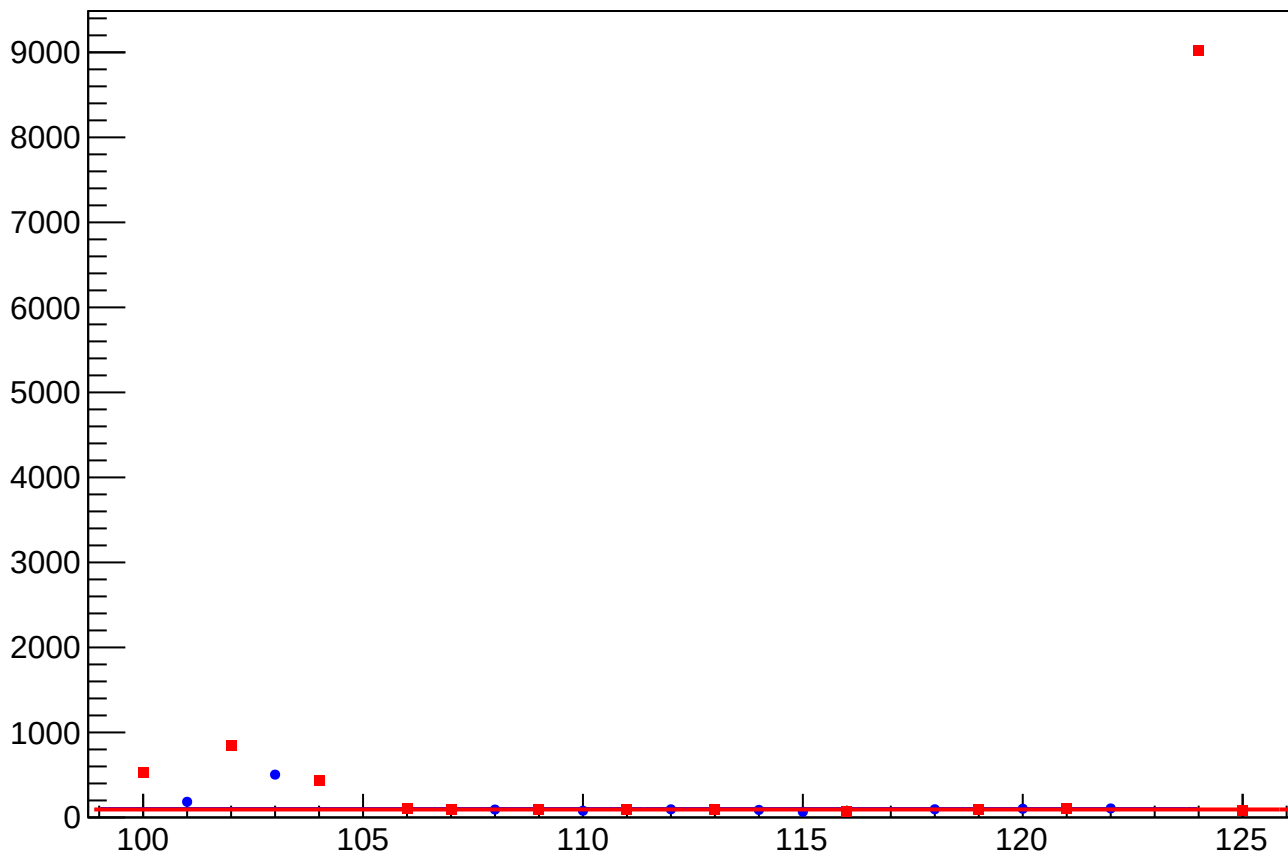
Right: -0.008 $\pm$ 0.037 χ^2 /NDF: 22.4/22

In: -0.010 $\pm$ 0.054 χ^2 /NDF:3.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.037 χ^2 /NDF: 22.4/22

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: 93.915+/-0.035 χ^2/NDF : 1814009.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

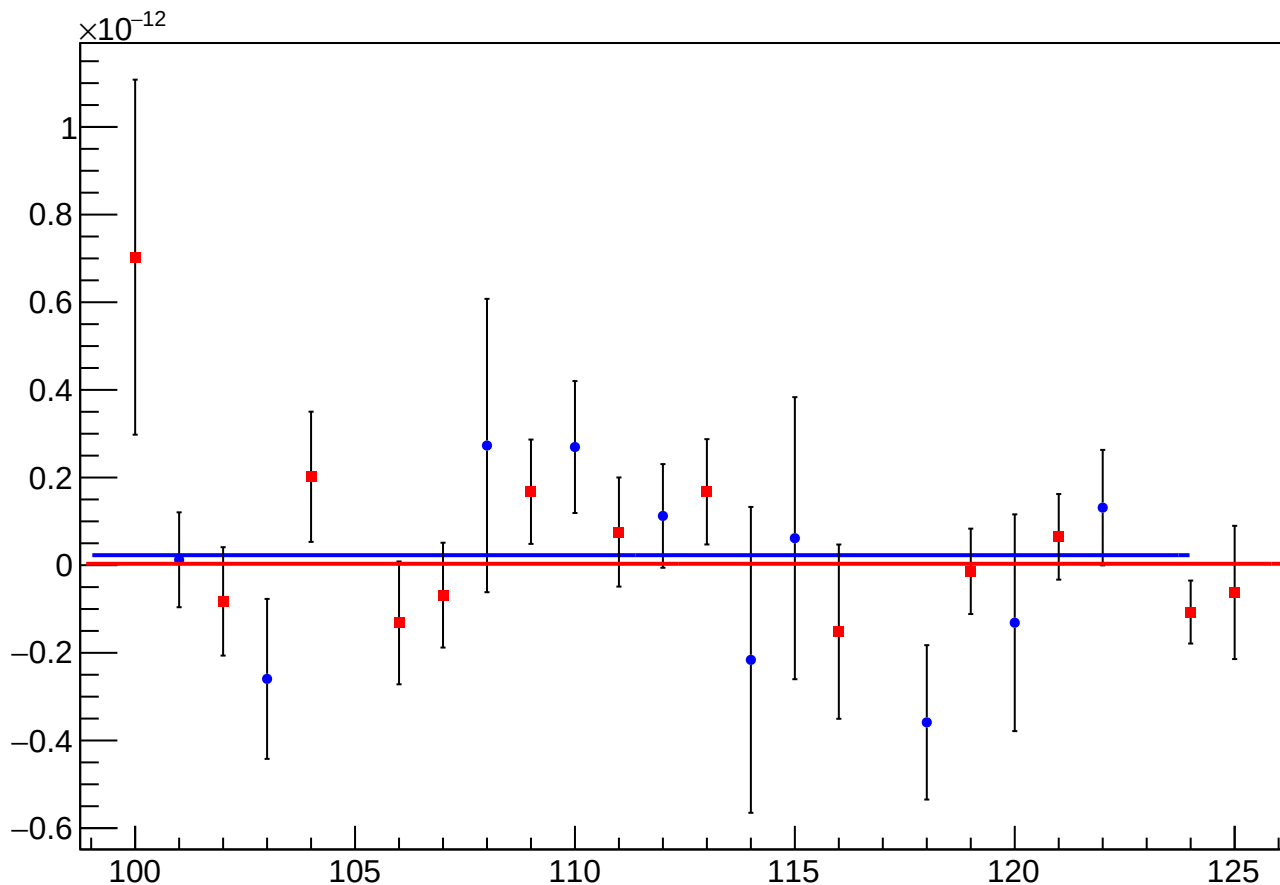
Right: 96.186+/-0.026 χ^2/NDF : 2951105.3/22

In: 98.932+/-0.039 χ^2/NDF : 1127803.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.186+/-0.026 χ^2/NDF : 2951105.3/22

asym_atl_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.5/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 14.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

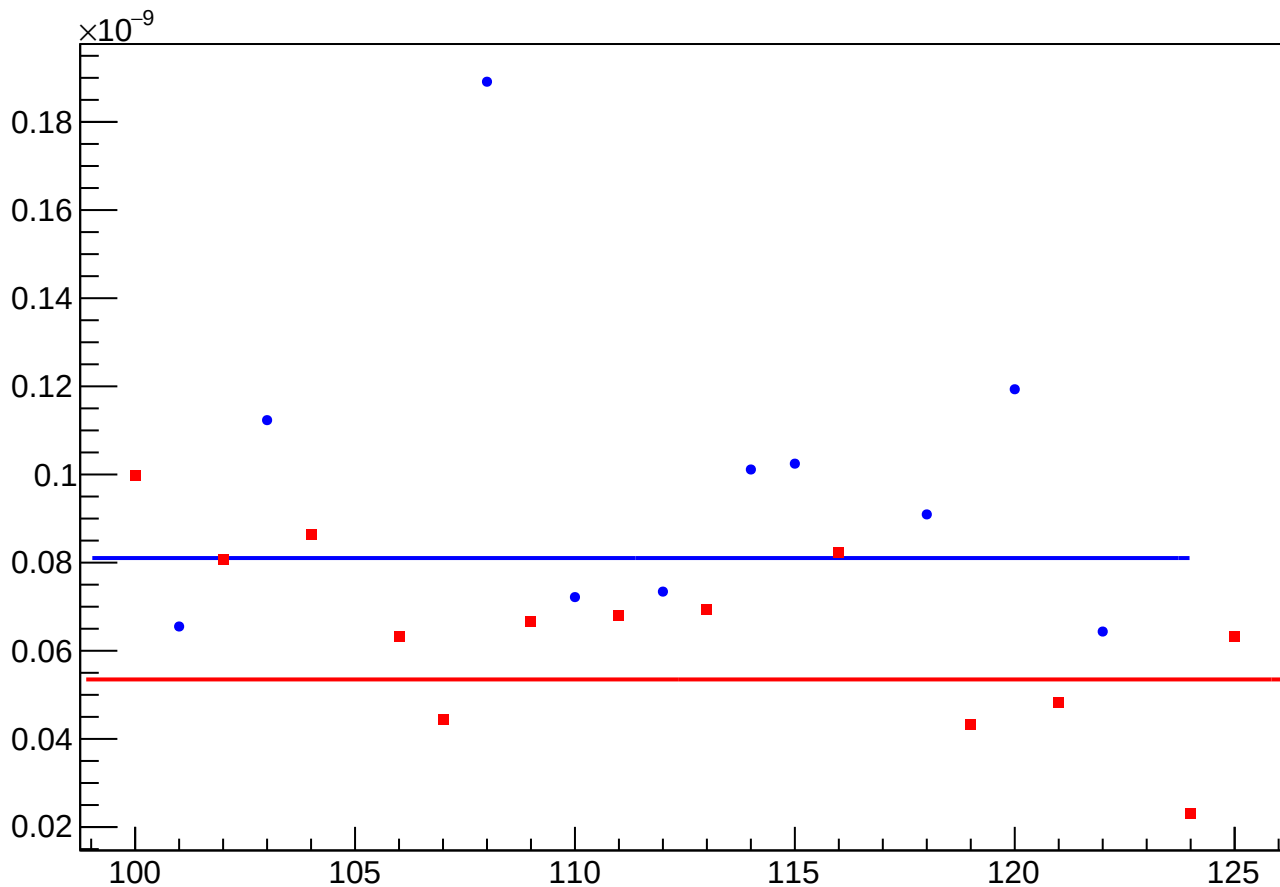
Right: 0.000+/-0.000 χ^2/NDF : 26.8/22

In: 0.000+/-0.000 χ^2/NDF : 12.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.8/22

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 : 767635.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

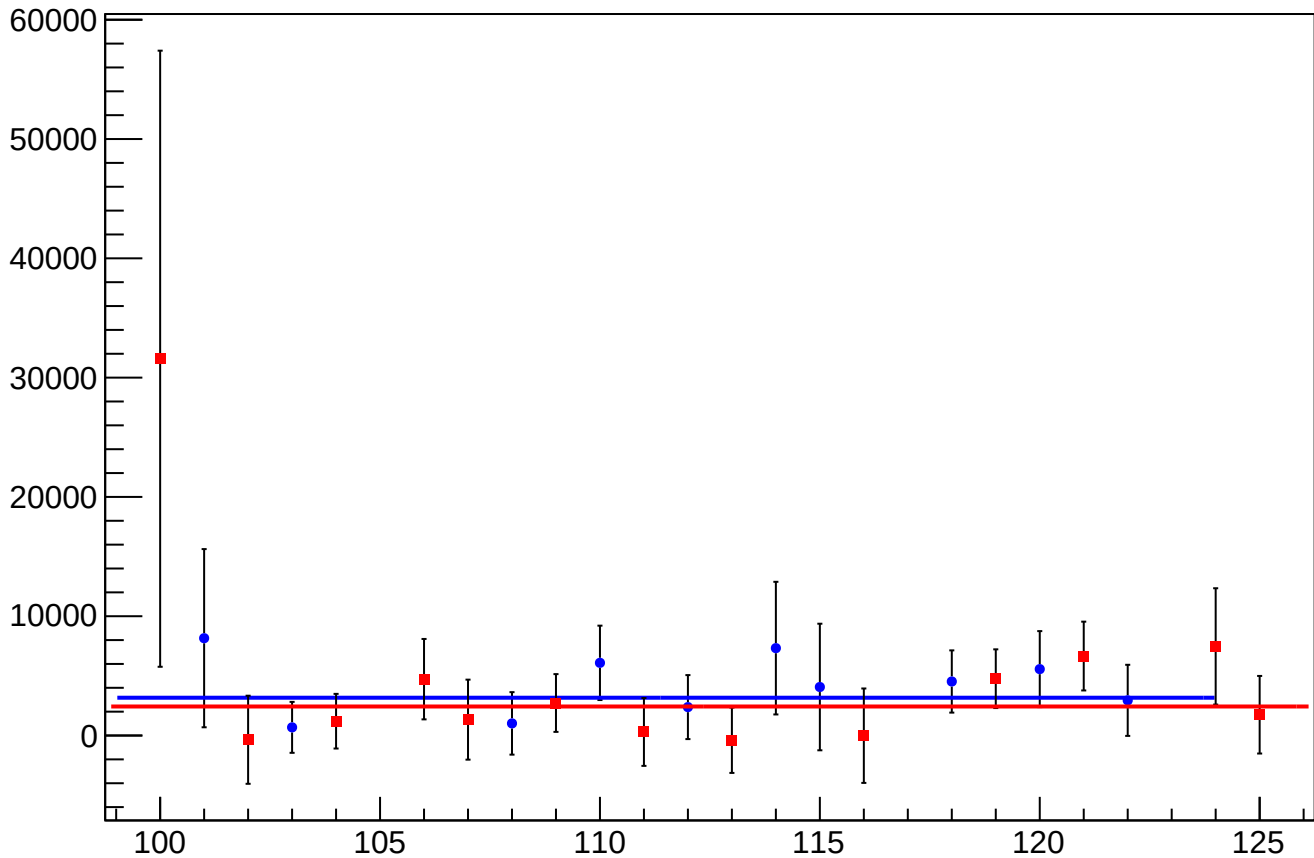
Right: 0.000+/-0.000 χ^2/NDF : 1588274.9/22

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 : 1588274.9/22

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: 2433.142+/-858.744 χ^2/NDF : 8.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

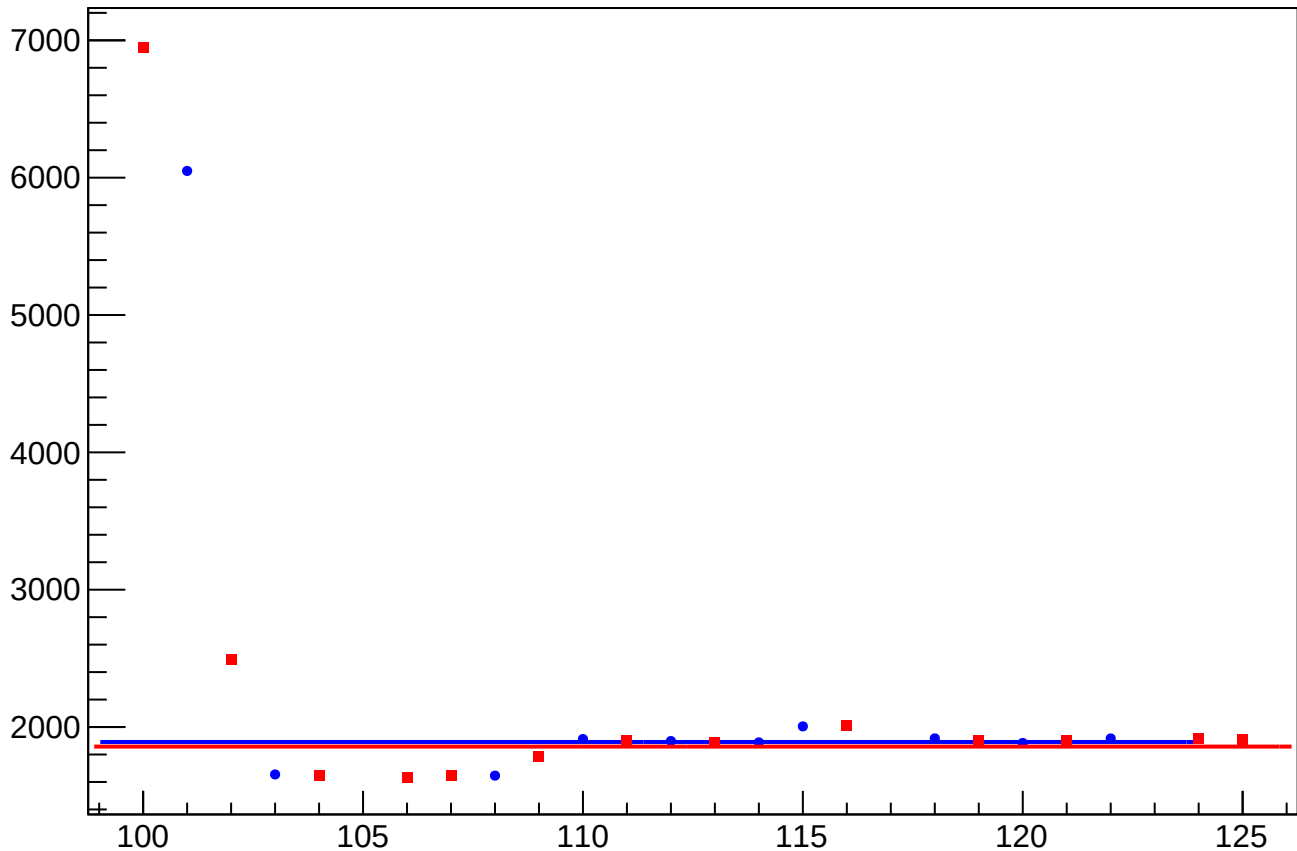
Right: 2754.345+/-644.528 χ^2/NDF : 14.1/22

In: 3168.700+/-975.350 χ^2/NDF : 4.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2754.345+/-644.528 χ^2/NDF : 14.1/22

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: 1857.599+/-0.604 χ^2/NDF : 178494.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

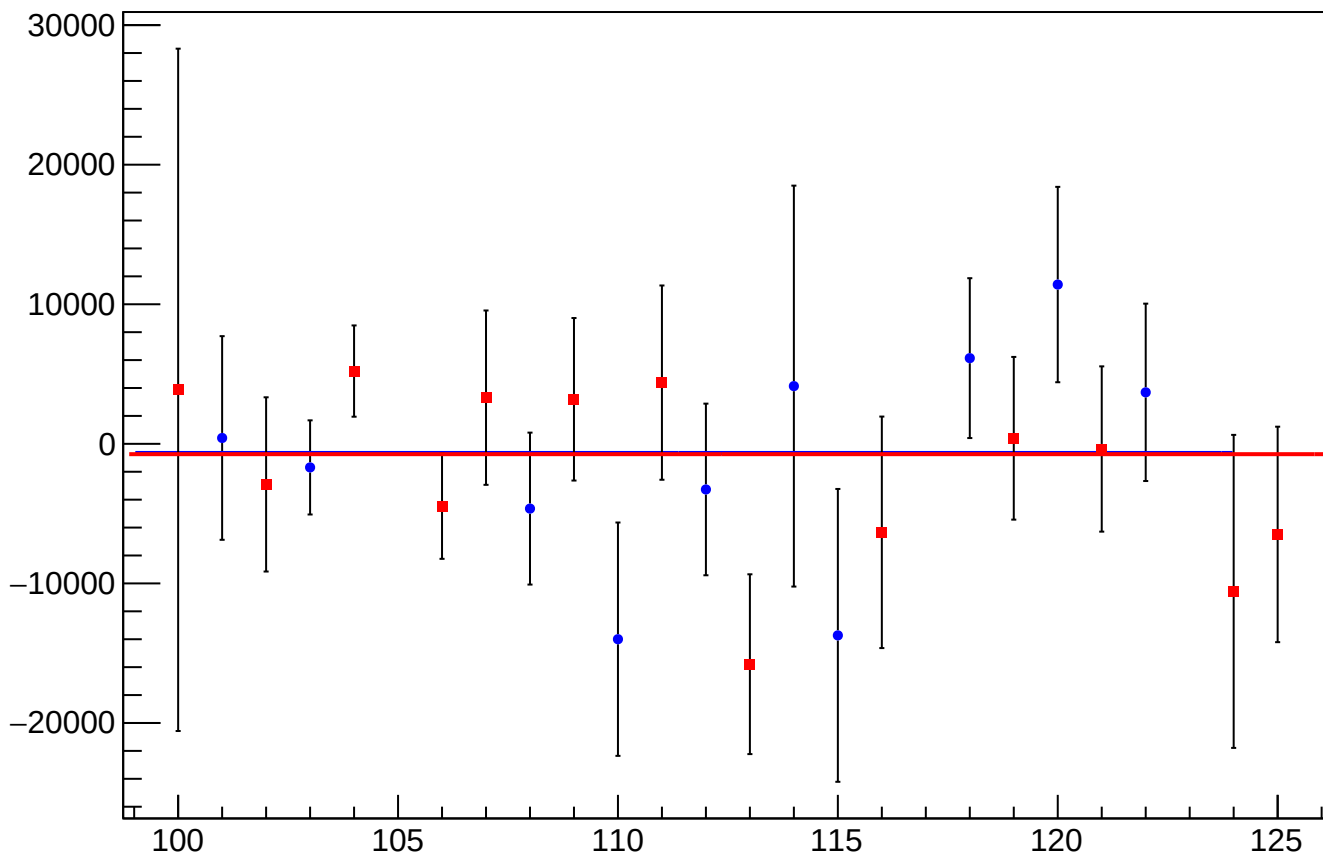
Right: 1872.204+/-0.454 χ^2/NDF : 843038.9/22

In: 1891.236+/-0.690 χ^2/NDF : 663198.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1872.204+/-0.454 χ^2/NDF : 843038.9/22

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: -740.723+/-1605.517 χ^2/NDF : 13.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

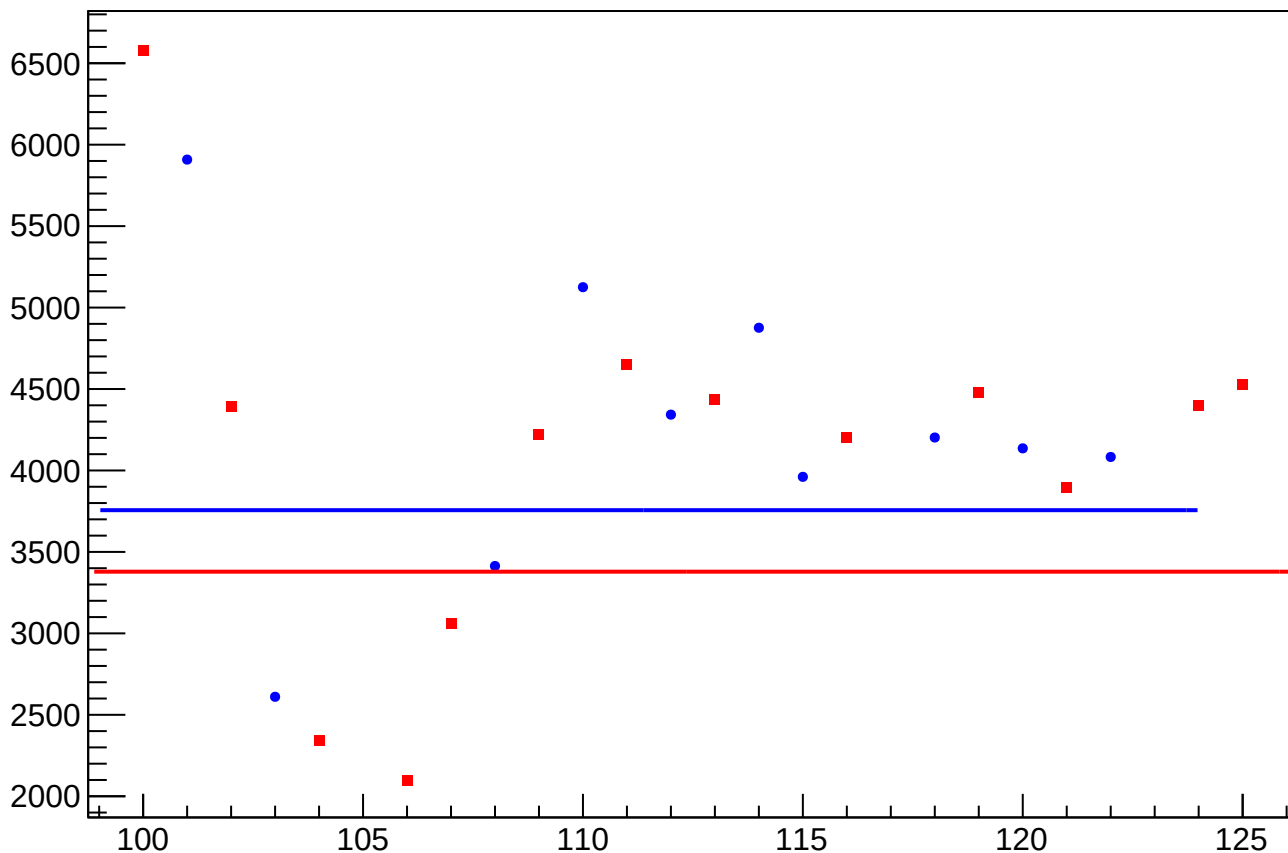
Right: -704.990+/-1232.075 χ^2/NDF : 23.0/22

In: -653.803+/-1921.611 χ^2/NDF :9.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -704.990+/-1232.075 χ^2/NDF : 23.0/22

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: 3378.702+/-1.135 χ^2/NDF : 853073.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

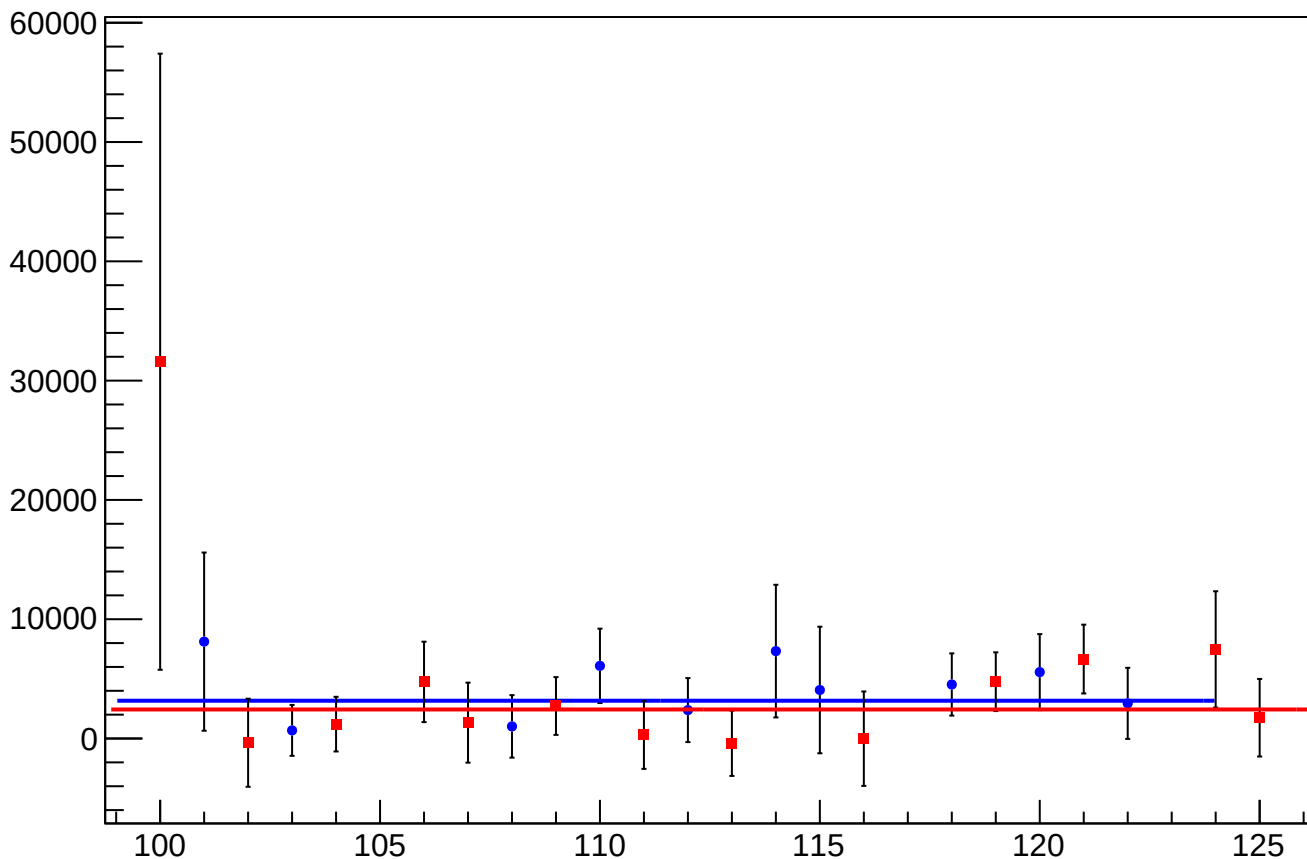
Right: 3533.902+/-0.871 χ^2/NDF : 1419295.2/22

In: 3756.229+/-1.359 χ^2/NDF : 520760.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3533.902+/-0.871 χ^2/NDF : 1419295.2/22

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: 2434.903+/-858.751 χ^2/NDF : 8.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

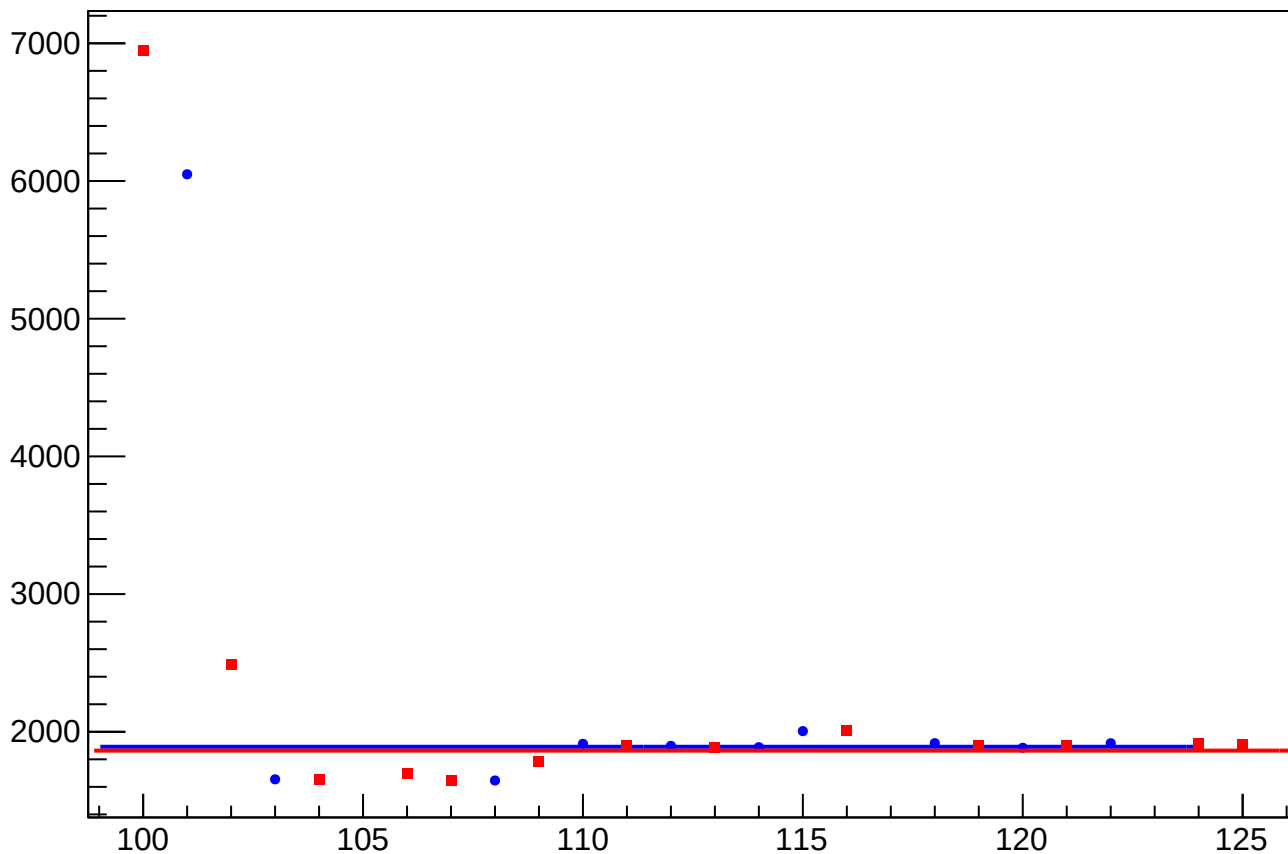
Right: 2754.840+/-644.531 χ^2/NDF : 14.1/22

In: 3167.556+/-975.350 χ^2/NDF : 4.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2754.840+/-644.531 χ^2/NDF : 14.1/22

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: 1863.222+/-0.606 χ^2/NDF : 173030.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

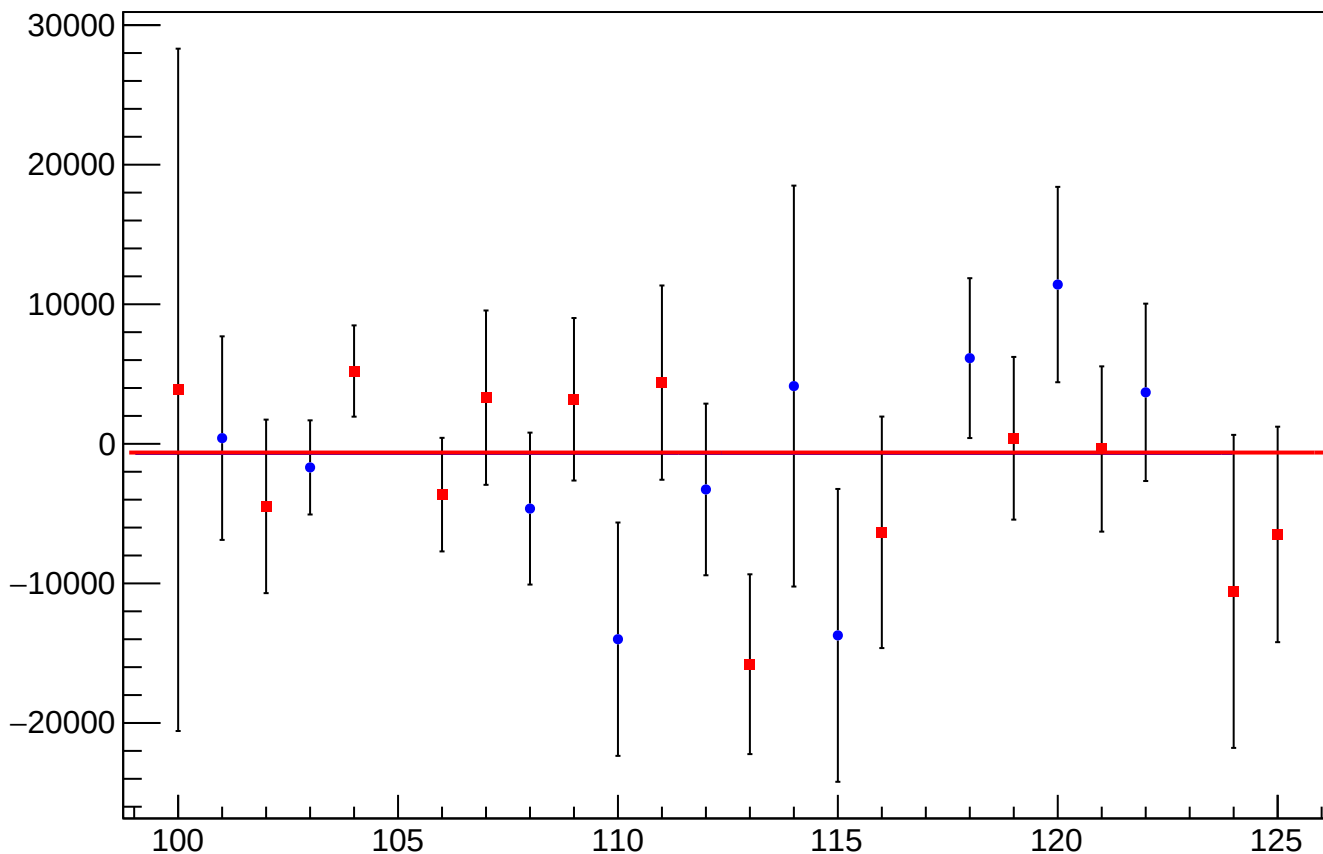
Right: 1875.424+/-0.455 χ^2/NDF : 837159.8/22

In: 1891.237+/-0.690 χ^2/NDF : 663197.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1875.424+/-0.455 χ^2/NDF : 837159.8/22

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: -624.620+/-1625.185 χ^2/NDF : 12.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

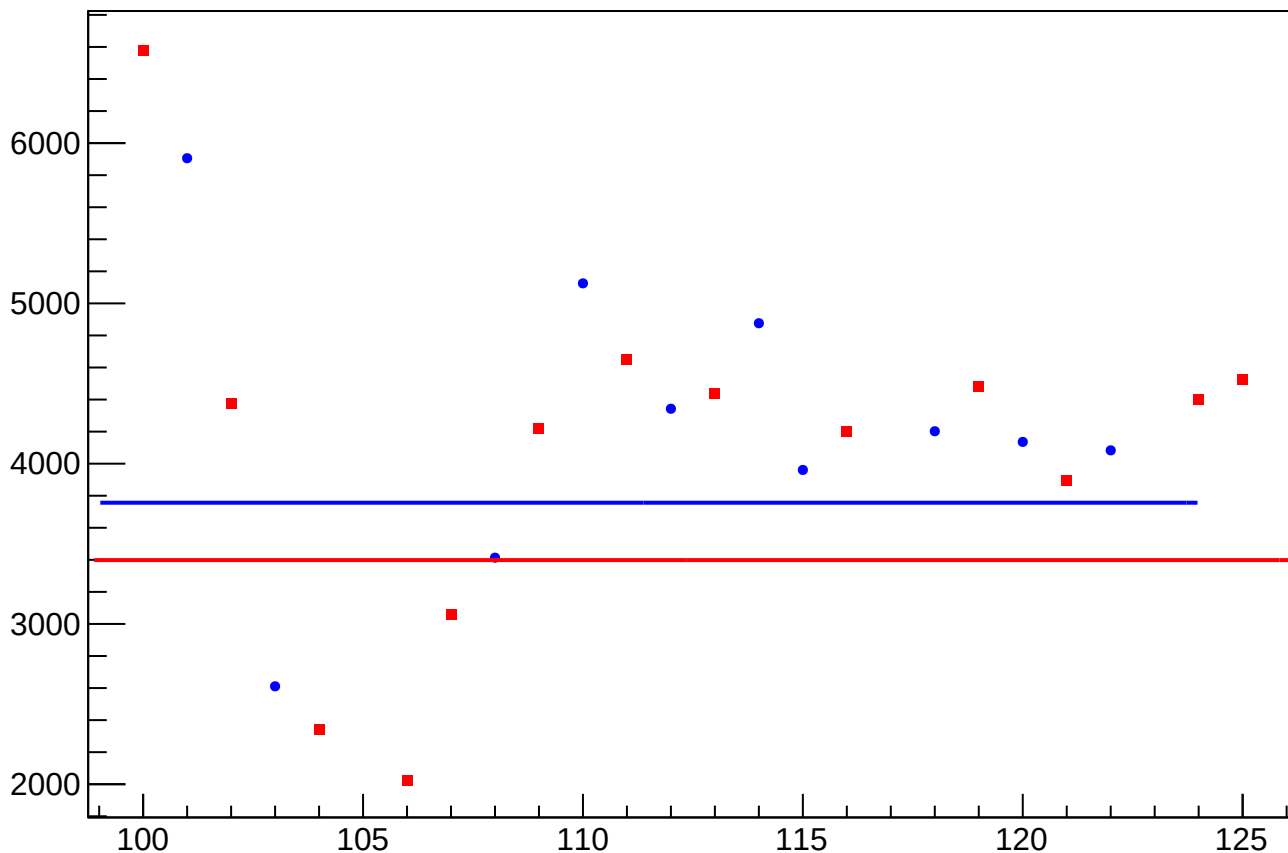
Right: -637.005+/-1240.899 χ^2/NDF : 22.8/22

In: -654.320+/-1921.618 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -637.005+/-1240.899 χ^2/NDF : 22.8/22

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: 3398.445+/-1.149 χ^2/NDF : 842946.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

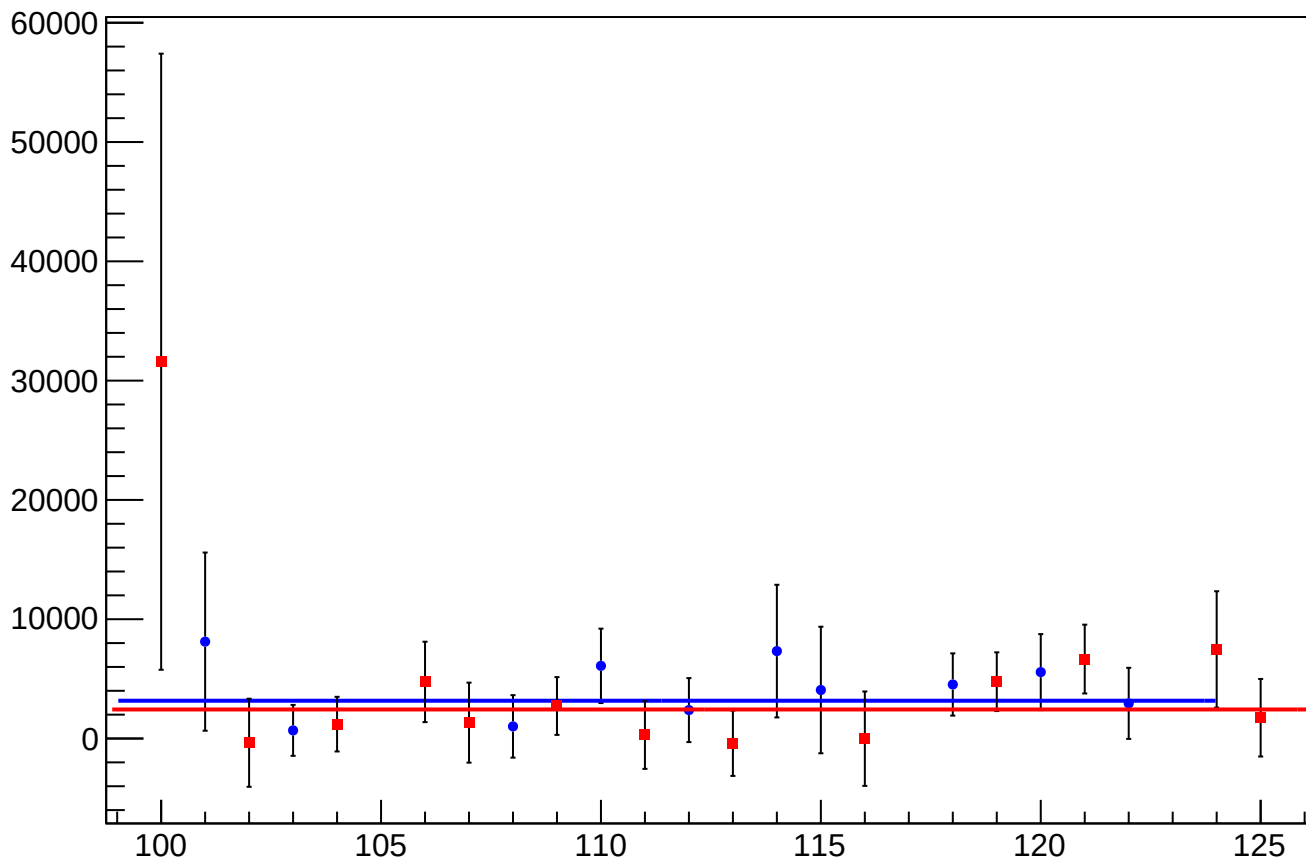
Right: 3547.699+/-0.877 χ^2/NDF : 1403709.3/22

In: 3756.366+/-1.359 χ^2/NDF : 520311.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3547.699+/-0.877 χ^2/NDF : 1403709.3/22

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: 2434.903+/-858.751 χ^2/NDF : 8.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

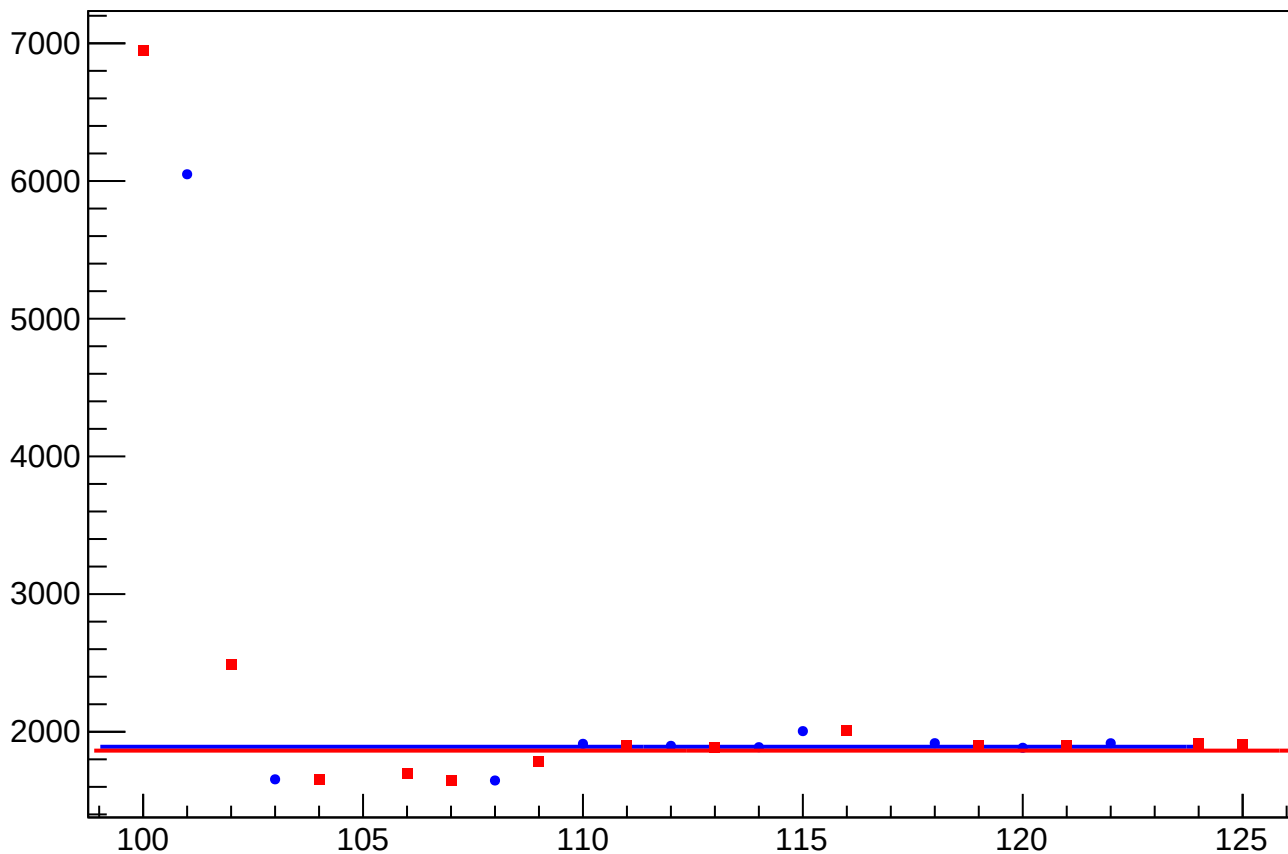
Right: 2754.840+/-644.531 χ^2/NDF : 14.1/22

In: 3167.556+/-975.350 χ^2/NDF : 4.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2754.840+/-644.531 χ^2/NDF : 14.1/22

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: 1863.222+/-0.606 χ^2/NDF : 173030.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

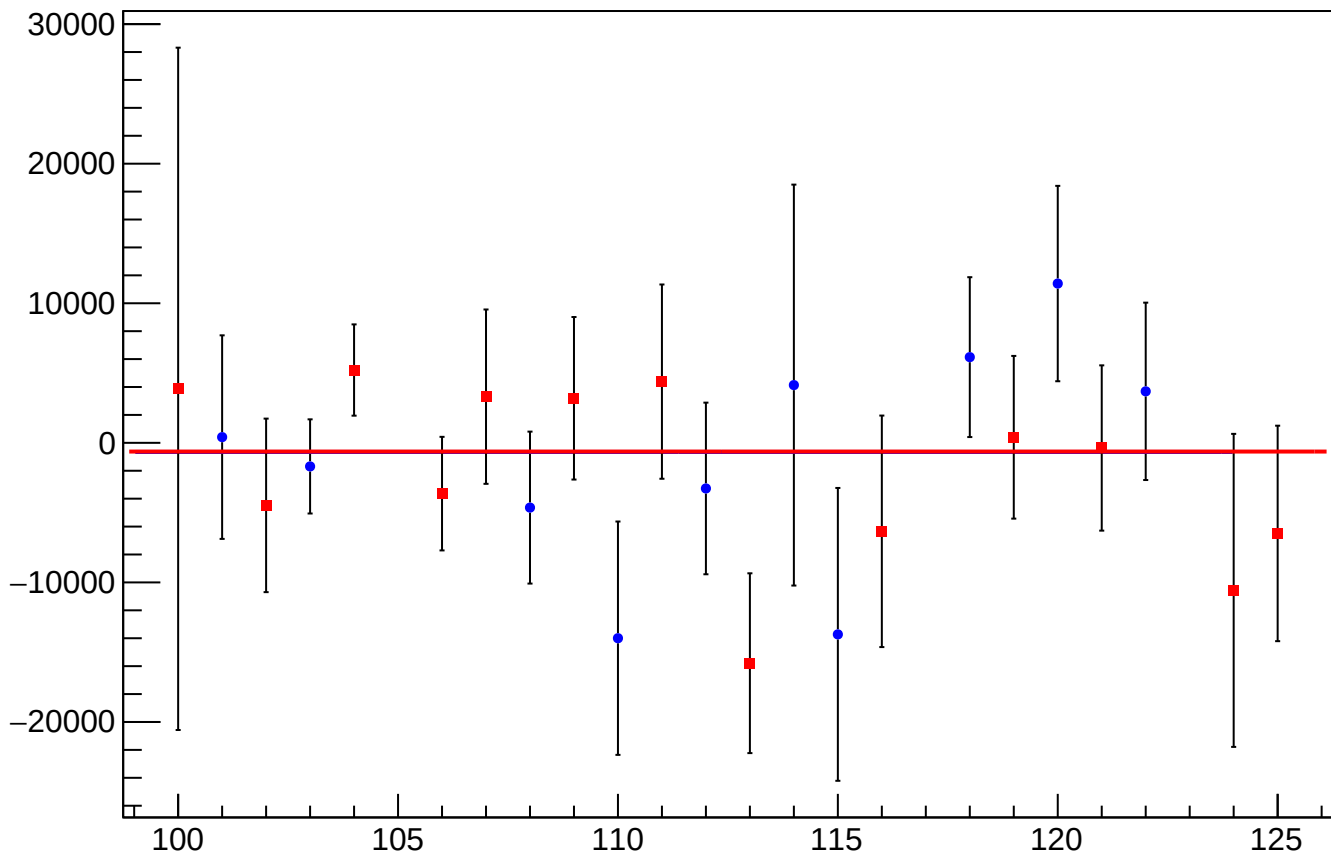
Right: 1875.424+/-0.455 χ^2/NDF : 837159.8/22

In: 1891.237+/-0.690 χ^2/NDF : 663197.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1875.424+/-0.455 χ^2/NDF : 837159.8/22

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: -624.620+/-1625.185 χ^2/NDF : 12.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

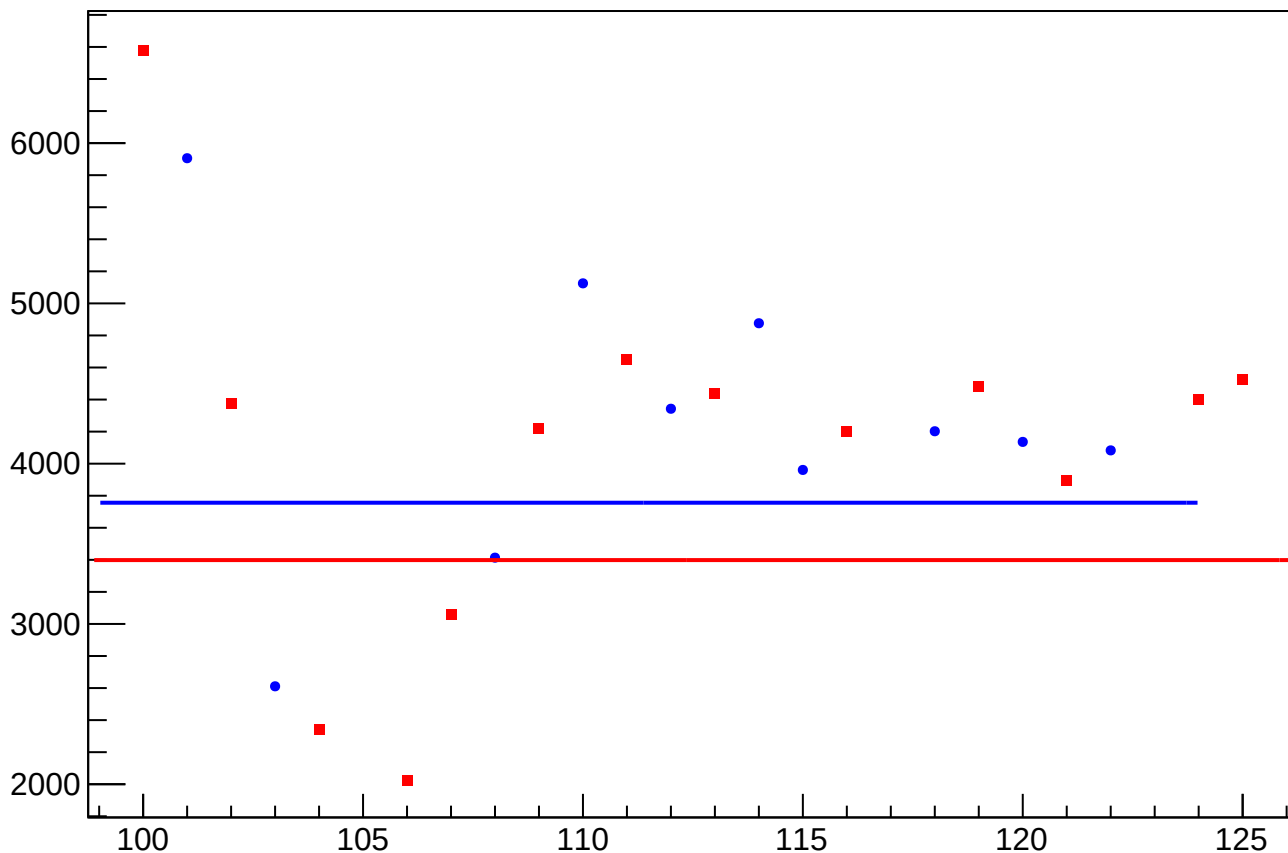
Right: -637.005+/-1240.899 χ^2/NDF : 22.8/22

In: -654.320+/-1921.618 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -637.005+/-1240.899 χ^2/NDF : 22.8/22

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: 3398.445+/-1.149 χ^2/NDF : 842946.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

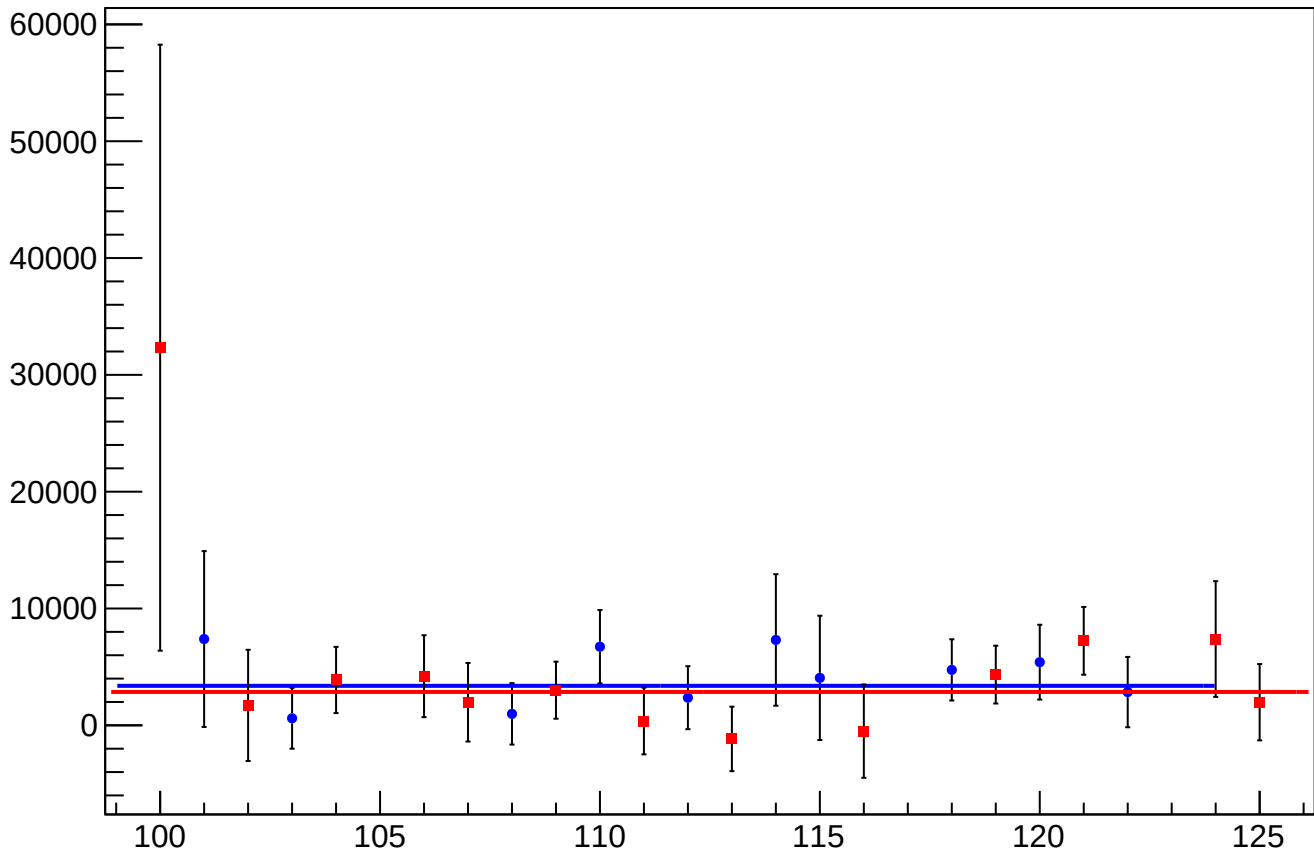
Right: 3547.699+/-0.877 χ^2/NDF : 1403709.3/22

In: 3756.366+/-1.359 χ^2/NDF : 520311.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3547.699+/-0.877 χ^2/NDF : 1403709.3/22

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: 2857.657+/-897.828 χ^2/NDF : 8.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

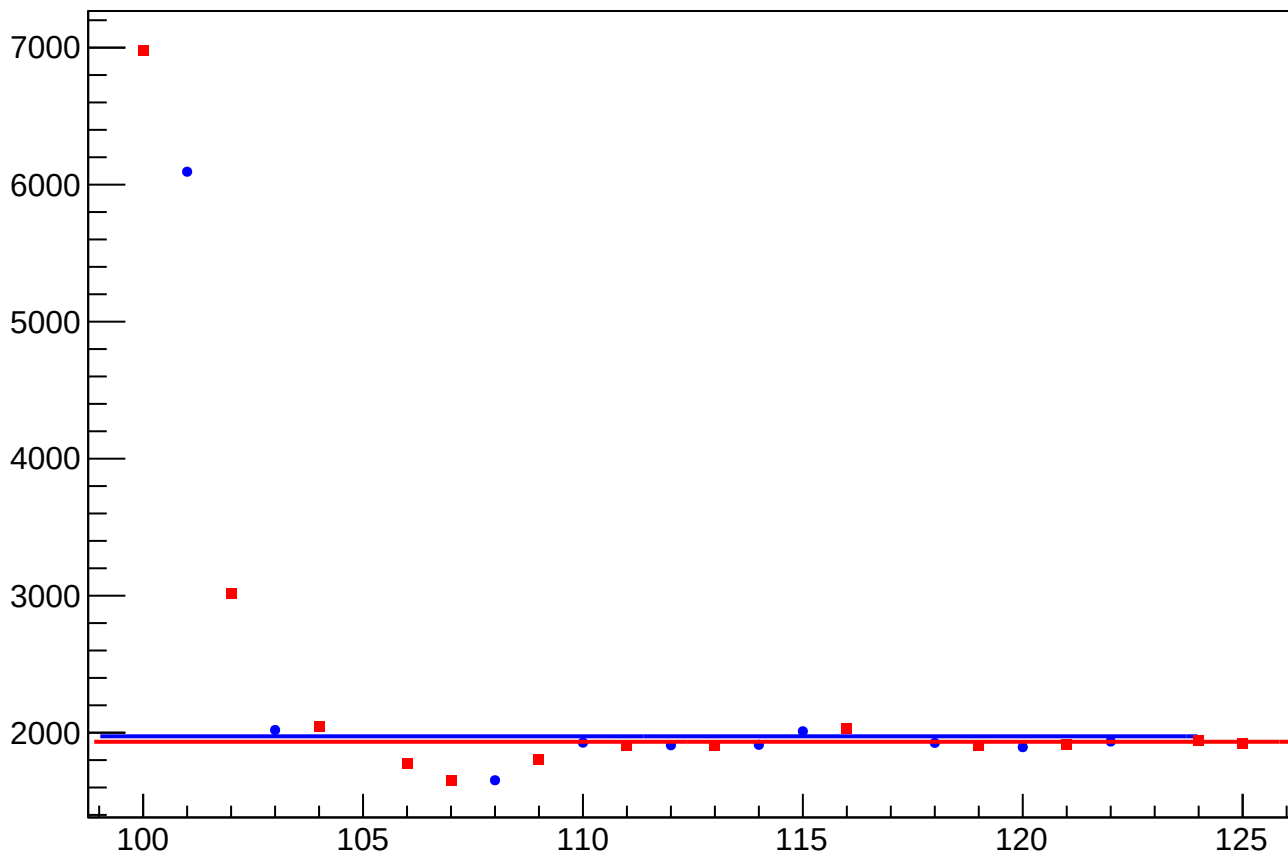
Right: 3087.218+/-672.778 χ^2/NDF : 13.7/22

In: 3381.181+/-1015.995 χ^2/NDF : 4.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3087.218+/-672.778 χ^2/NDF : 13.7/22

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: 1933.794+/-0.634 χ^2/NDF : 208666.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

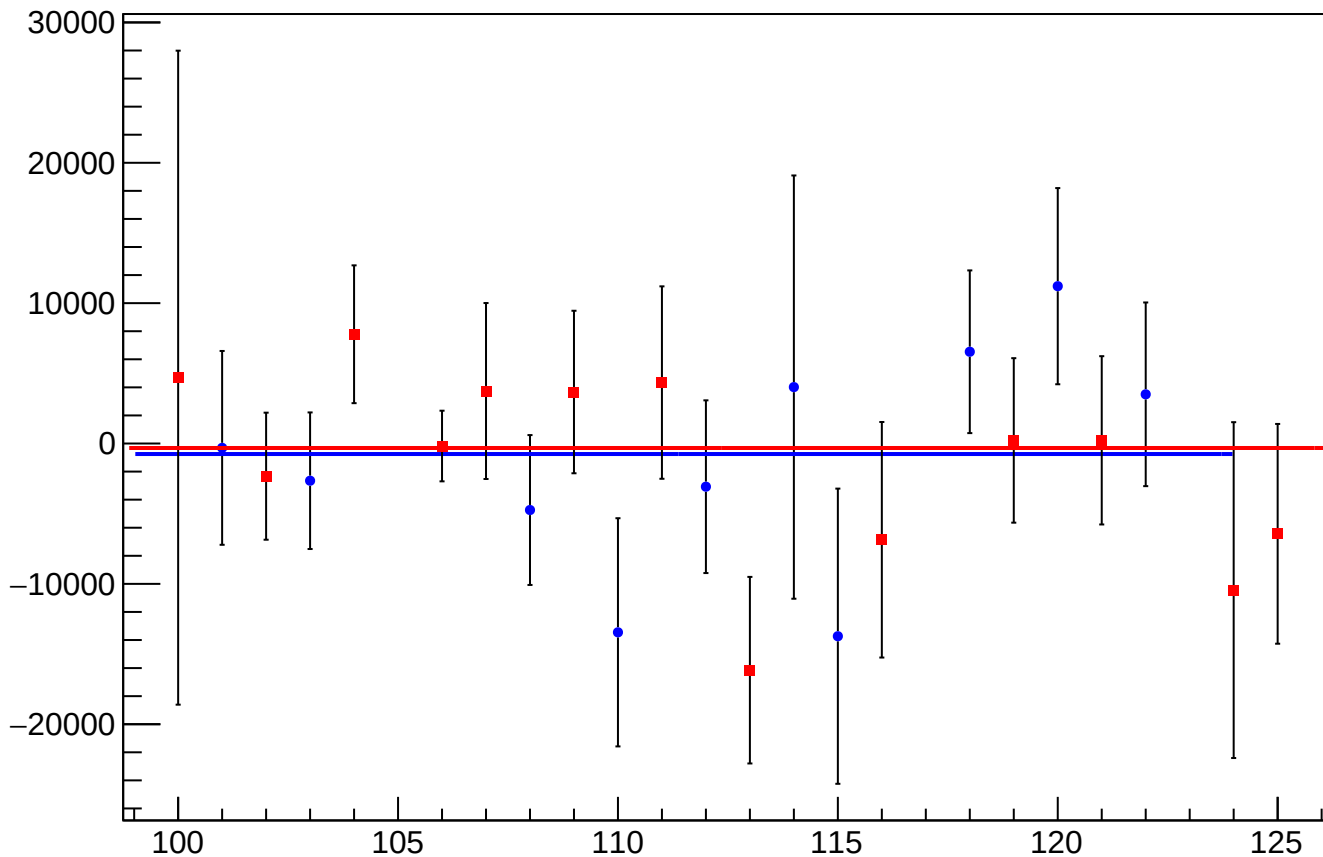
Right: 1951.245+/-0.475 χ^2/NDF : 844221.6/22

In: 1973.651+/-0.718 χ^2/NDF :633824.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1951.245+/-0.475 χ^2/NDF : 844221.6/22

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: -319.112+/-1501.174 χ^2/NDF : 12.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

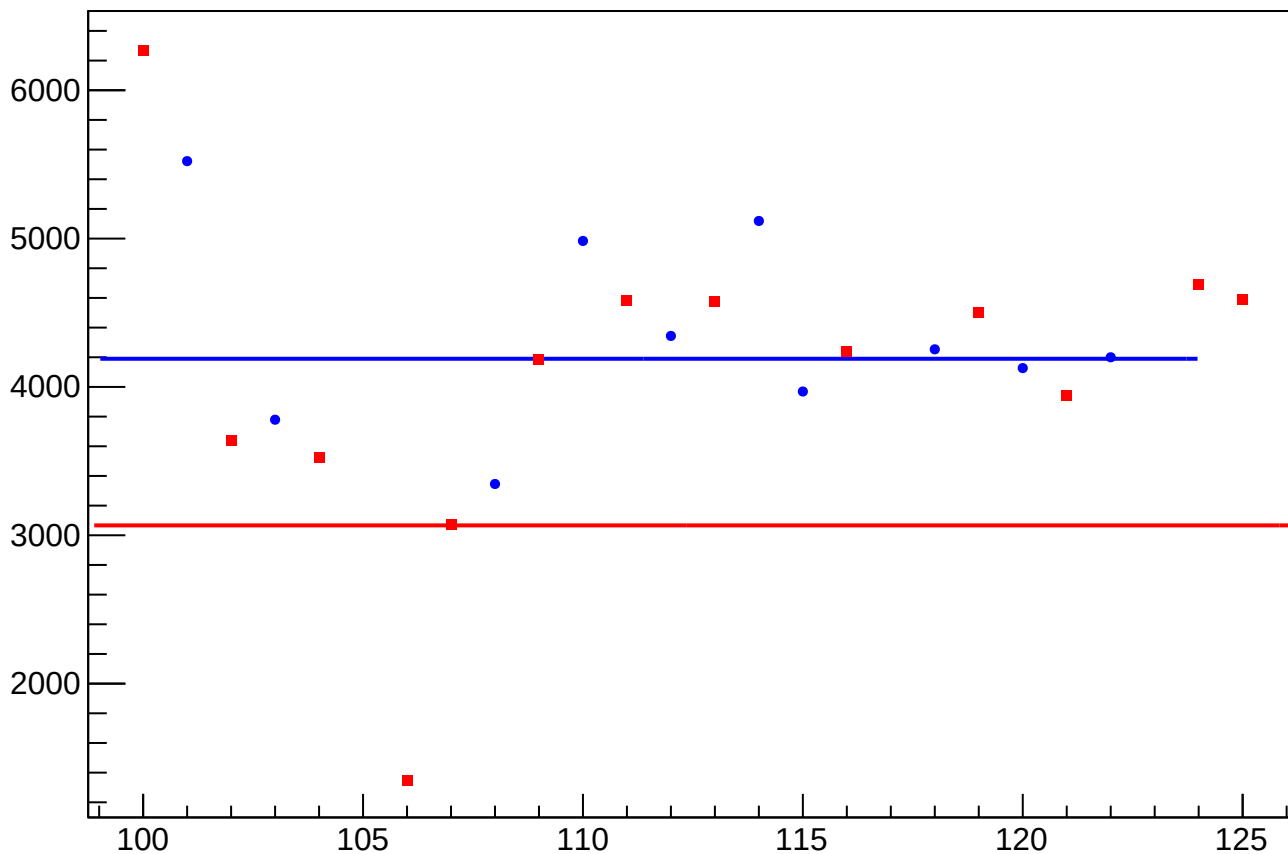
Right: -464.684+/-1221.113 χ^2/NDF : 21.8/22

In: -749.394+/-2099.391 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -464.684+/-1221.113 χ^2/NDF : 21.8/22

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: 3066.657+/-1.061 χ^2/NDF : 1610990.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

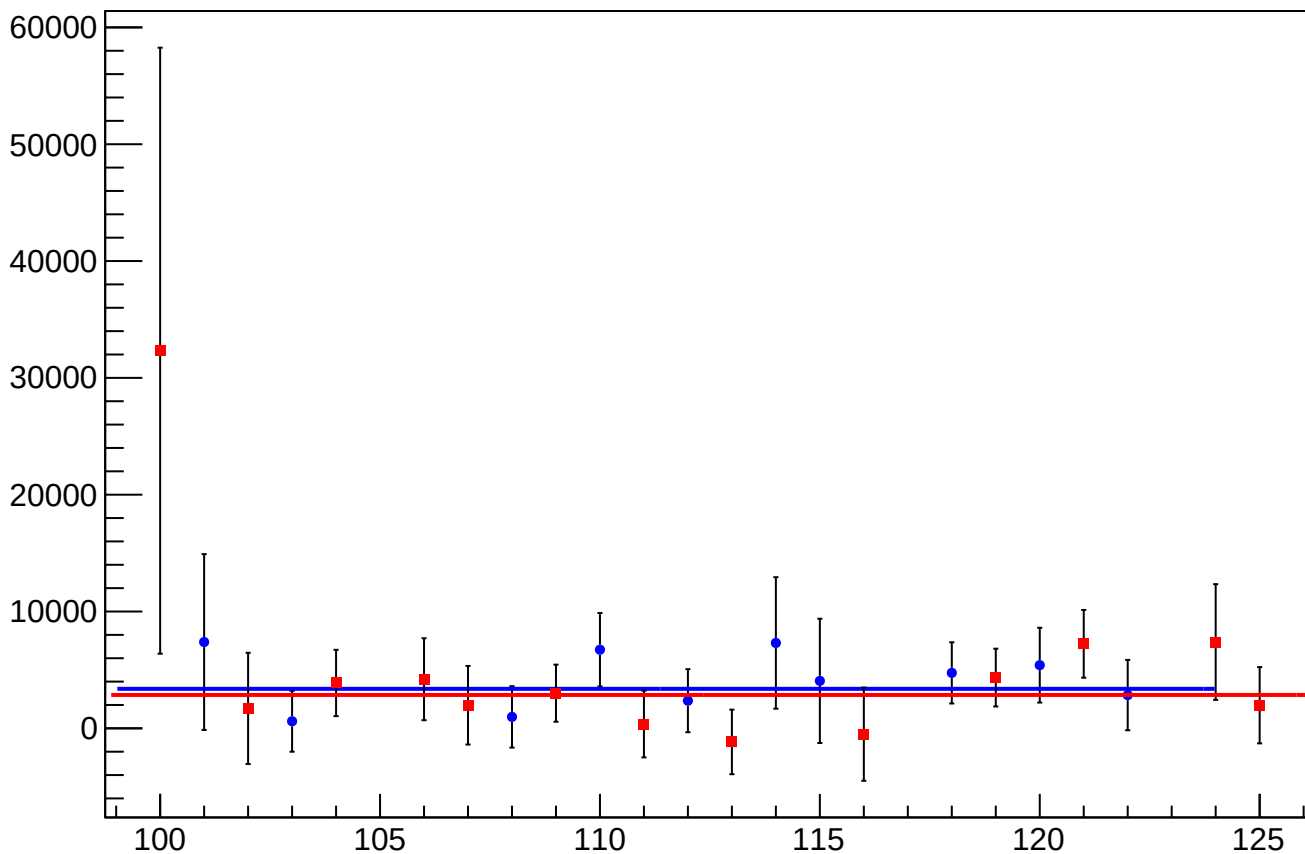
Right: 3446.673+/-0.863 χ^2/NDF : 2157756.6/22

In: 4189.910+/-1.484 χ^2/NDF : 167932.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3446.673+/-0.863 χ^2/NDF : 2157756.6/22

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: 2857.666+/-897.828 χ^2/NDF : 8.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

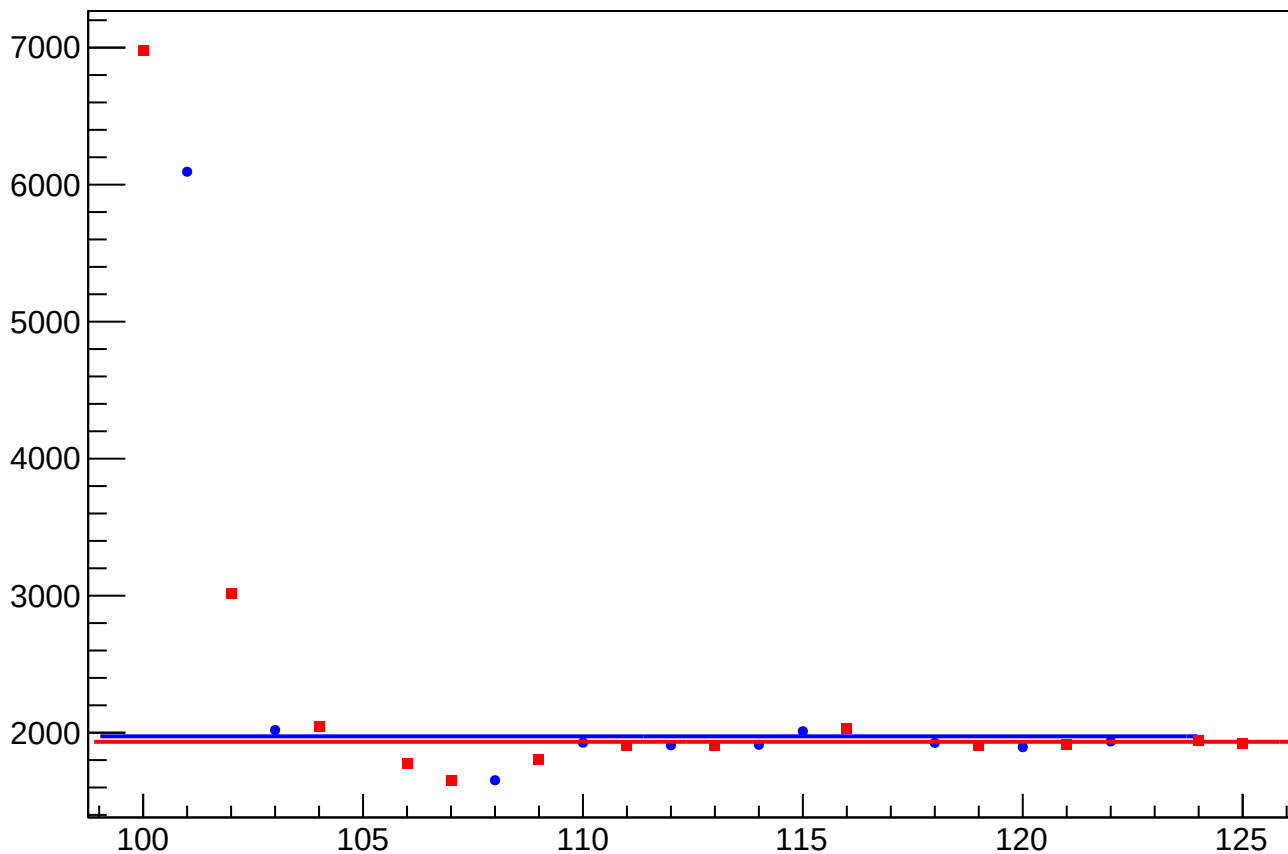
Right: 3087.220+/-672.778 χ^2/NDF : 13.7/22

In: 3381.177+/-1015.995 χ^2/NDF : 4.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3087.220+/-672.778 χ^2/NDF : 13.7/22

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: 1933.794+/-0.634 χ^2/NDF : 208666.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

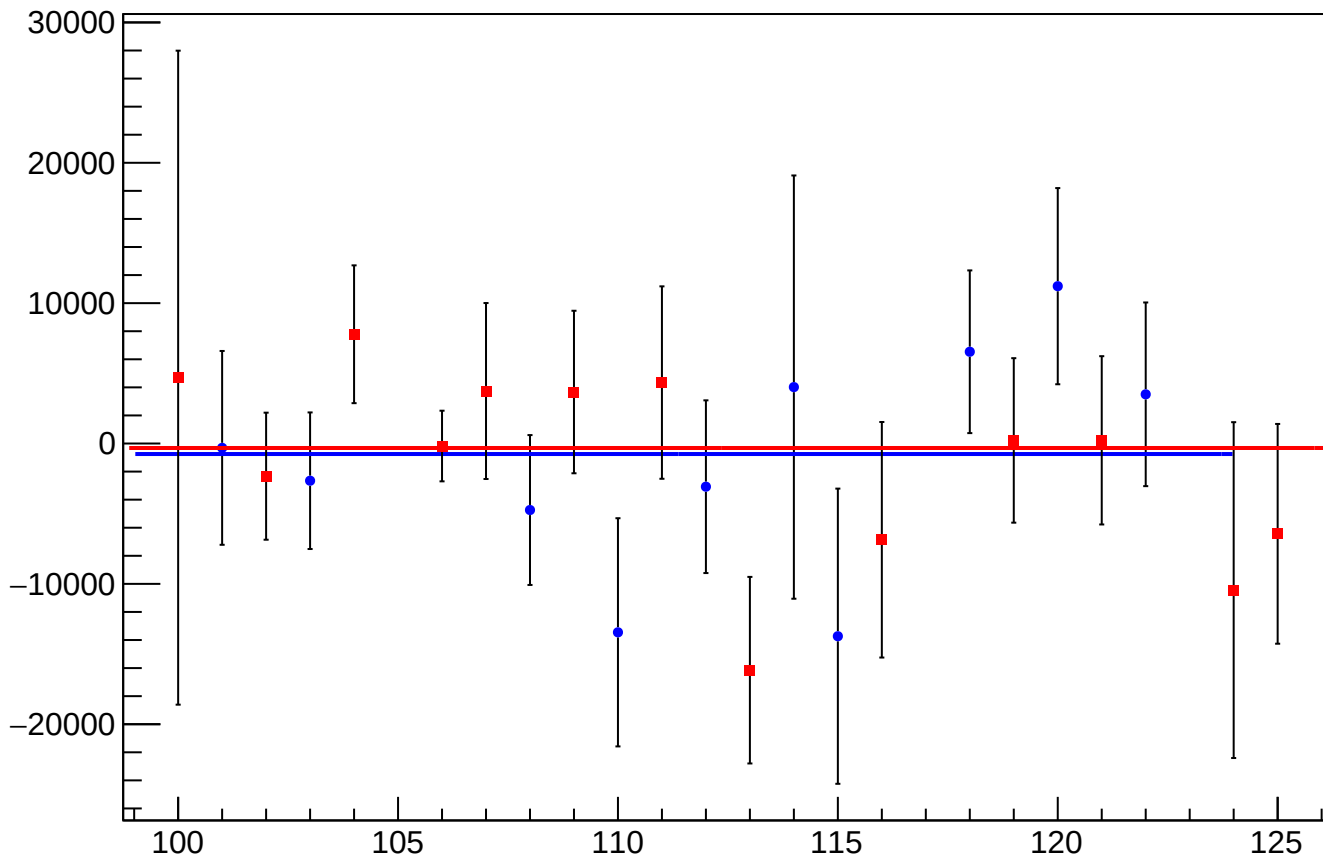
Right: 1951.245+/-0.475 χ^2/NDF : 844221.2/22

In: 1973.651+/-0.718 χ^2/NDF : 633824.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1951.245+/-0.475 χ^2/NDF : 844221.2/22

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: -319.113+/-1501.171 χ^2/NDF : 12.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

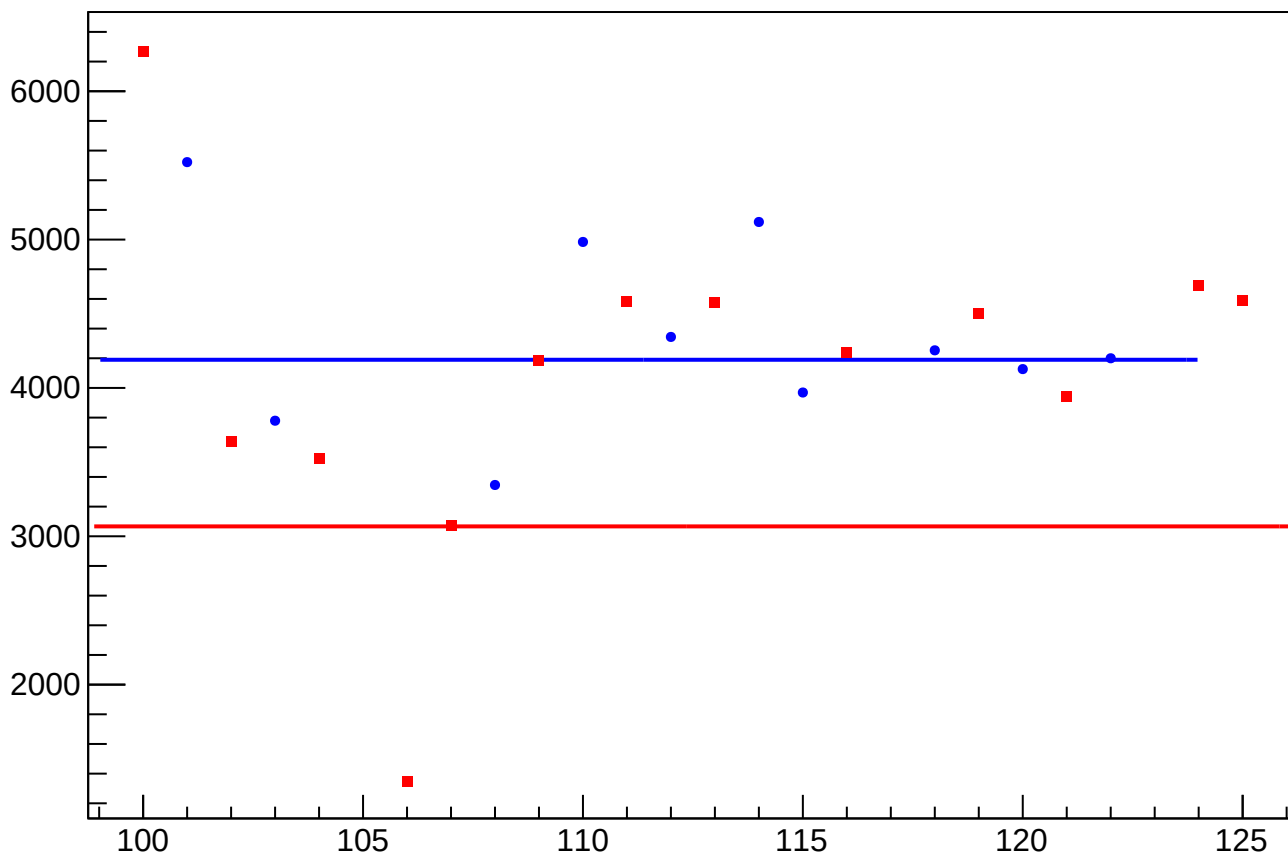
Right: -464.681+/-1221.110 χ^2/NDF : 21.8/22

In: -749.383+/-2099.387 χ^2/NDF :9.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -464.681+/-1221.110 χ^2/NDF : 21.8/22

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: 3066.649+/-1.061 χ^2/NDF : 1610993.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

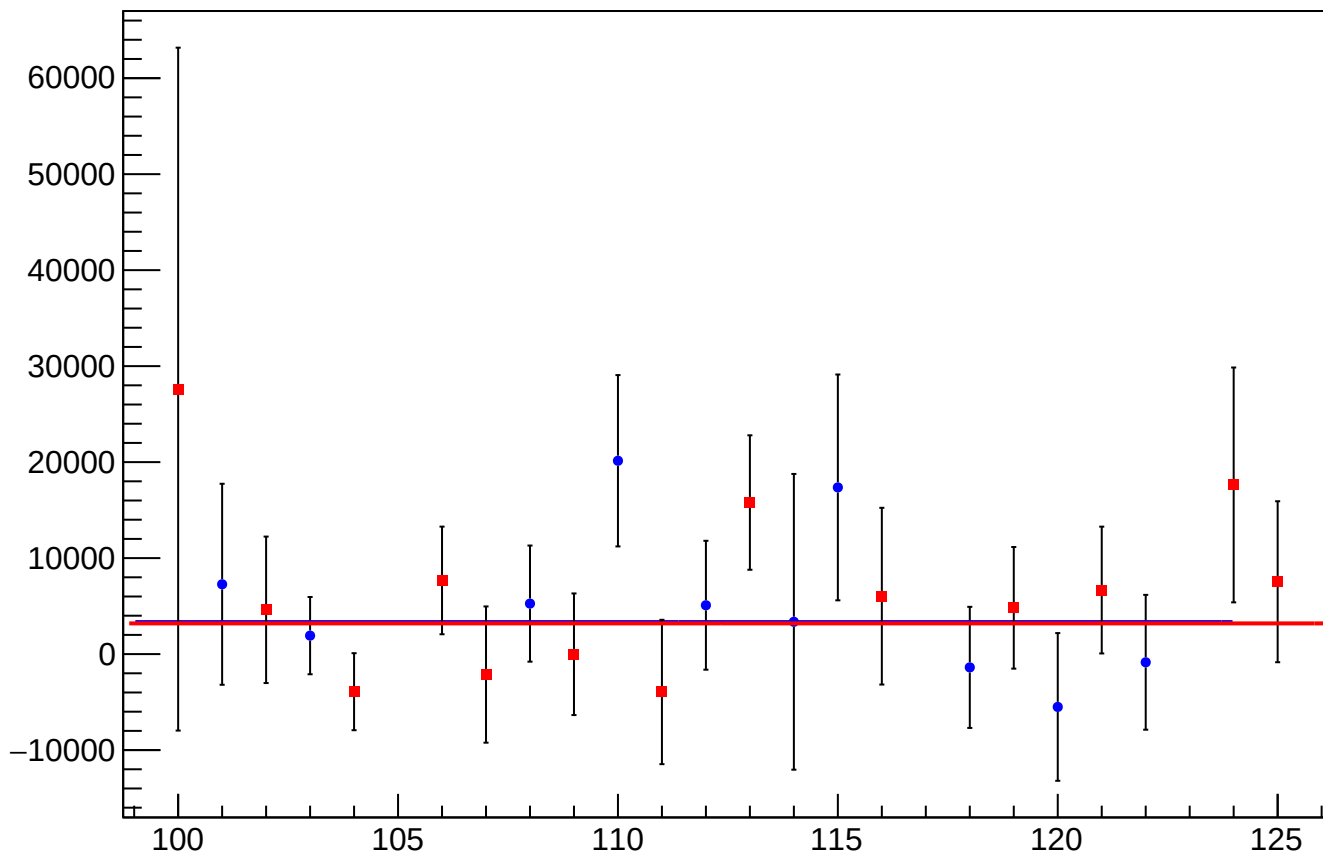
Right: 3446.665+/-0.863 χ^2/NDF : 2157758.8/22

In: 4189.902+/-1.484 χ^2/NDF :167931.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3446.665+/-0.863 χ^2/NDF : 2157758.8/22

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: 3198.216+/-1905.999 χ^2/NDF : 11.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

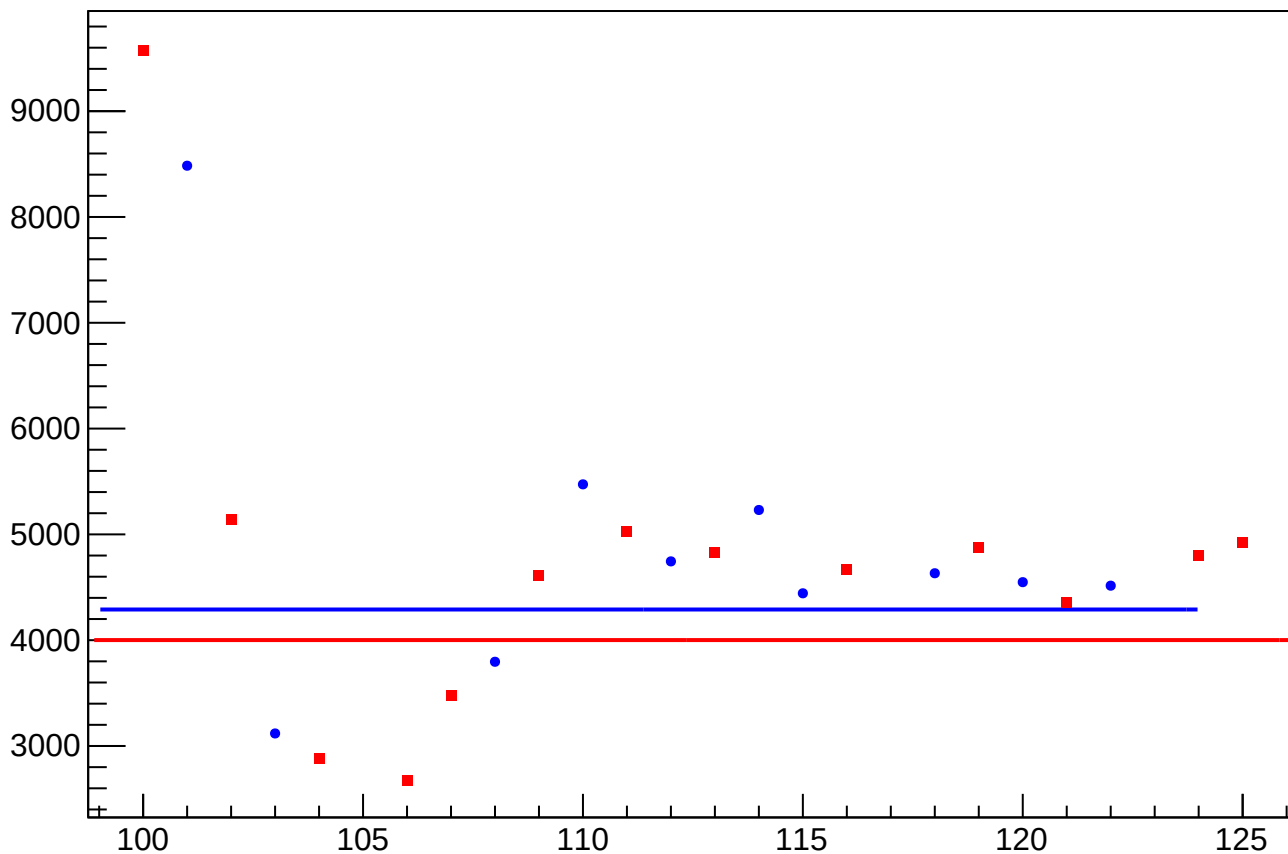
Right: 3257.013+/-1440.513 χ^2/NDF : 19.0/22

In: 3335.336+/-2199.838 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3257.013+/-1440.513 χ^2/NDF : 19.0/22

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: 4001.054+/-1.333 χ^2/NDF : 563943.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

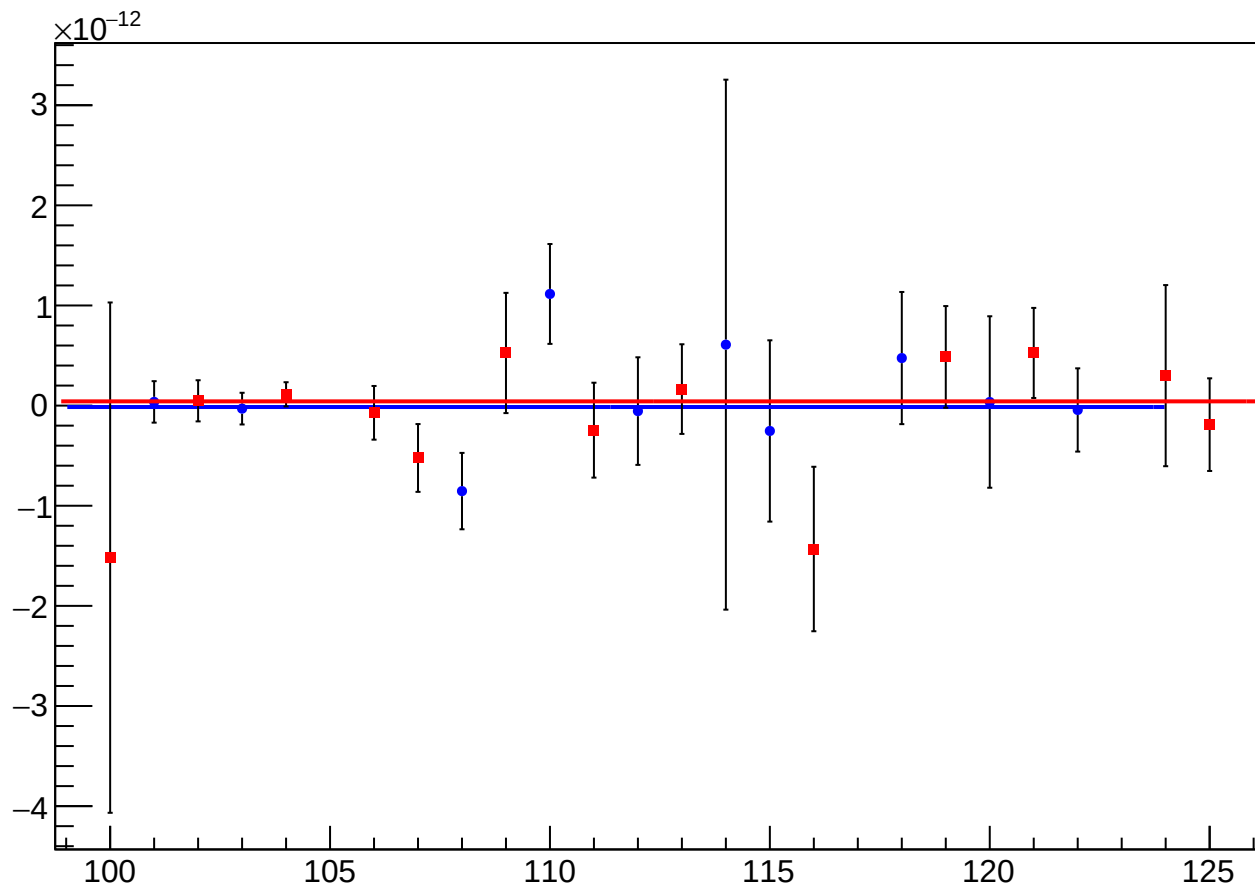
Right: 4123.369+/-1.012 χ^2/NDF : 1149896.6/22

In: 4290.018+/-1.556 χ^2/NDF : 566051.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4123.369+/-1.012 χ^2/NDF : 1149896.6/22

asym_atr_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.000+/-0.000 χ^2/NDF : 10.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

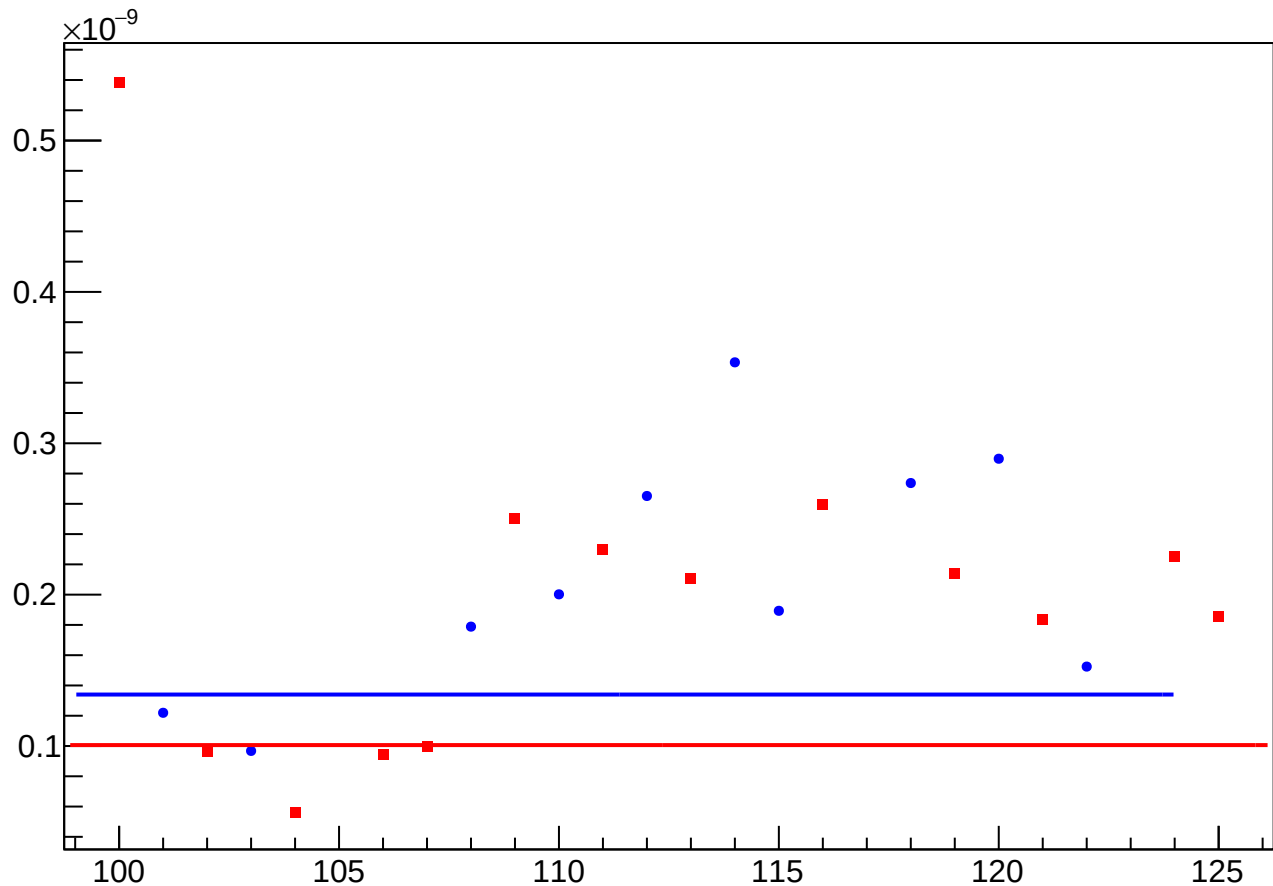
Right: 0.000+/-0.000 χ^2/NDF : 21.2/22

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 : 21.2/22

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 : 1075021.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

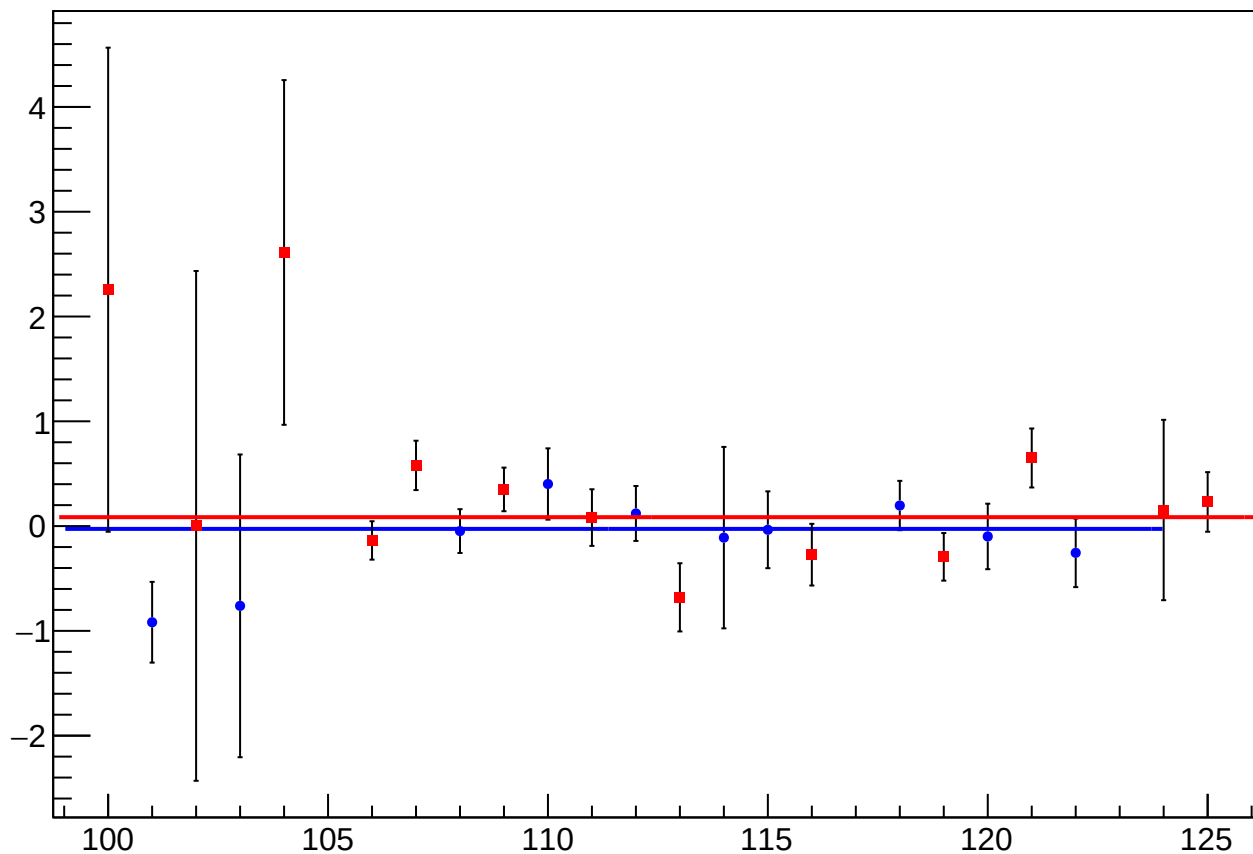
Right: 0.000+/-0.000 χ^2/NDF : 1677663.0/22

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 : 1677663.0/22

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: 0.085+/-0.081 χ^2/NDF : 24.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

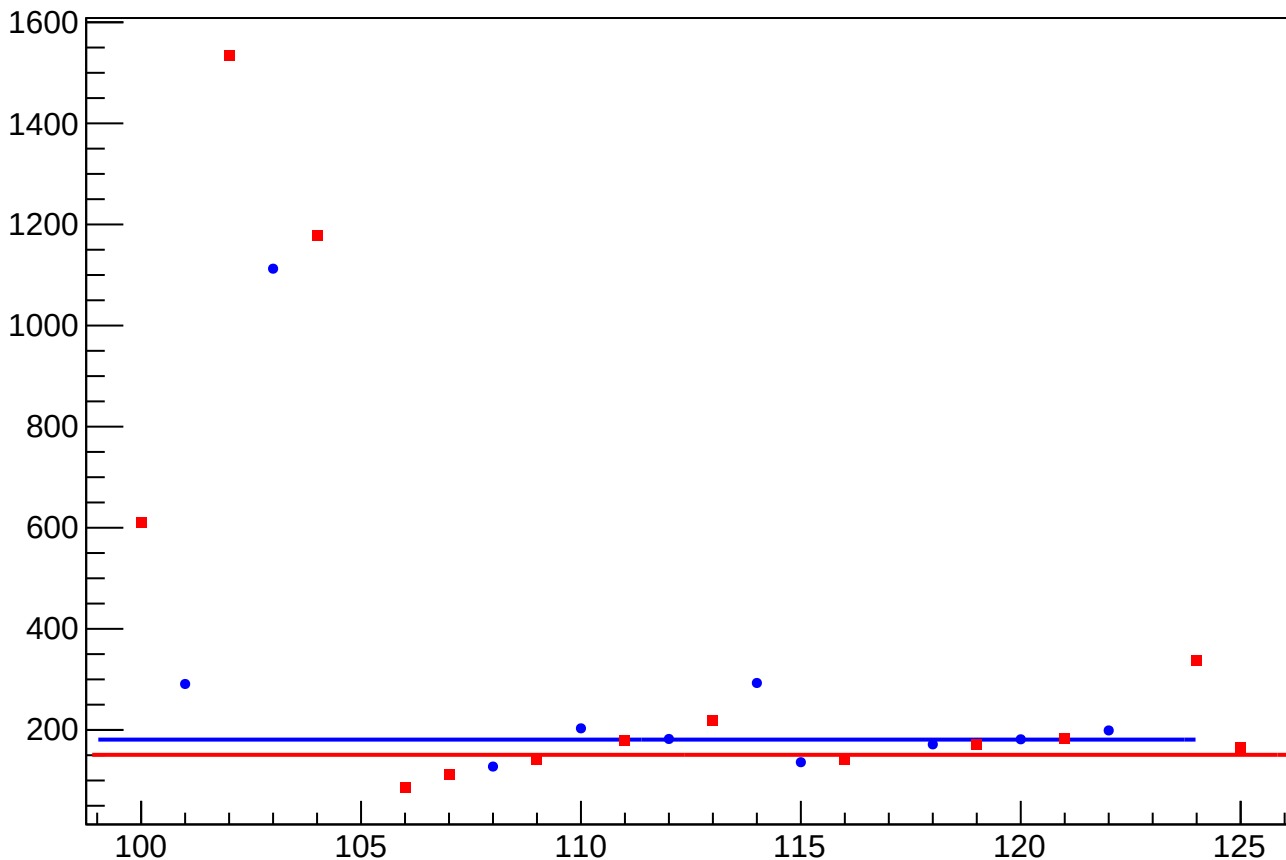
Right: 0.041+/-0.063 χ^2/NDF : 34.5/22

In: -0.027+/-0.100 χ^2/NDF :9.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.041+/-0.063 χ^2/NDF : 34.5/22

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: 150.802+/-0.057 χ^2/NDF : 2068791.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

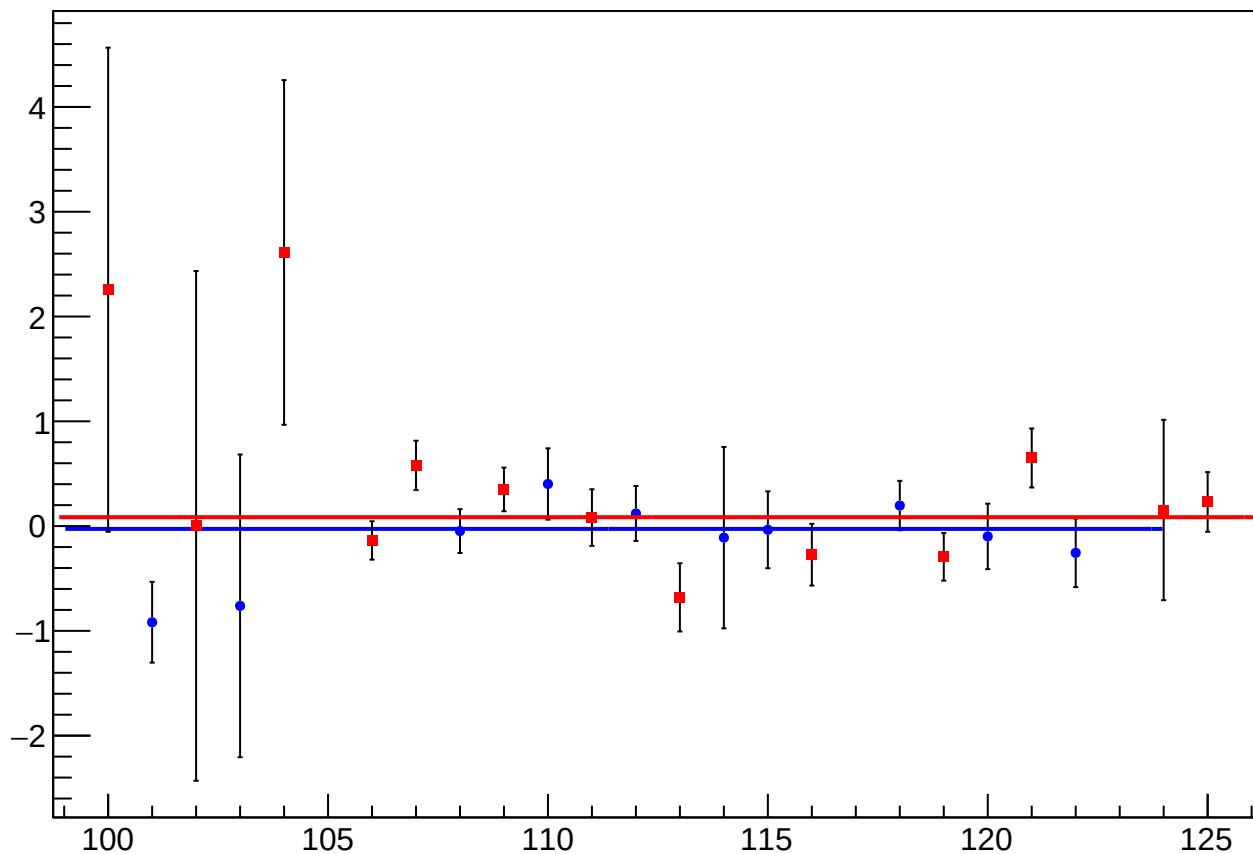
Right: 162.718+/-0.045 χ^2/NDF : 3383938.2/22

In: 180.890+/-0.071 χ^2/NDF : 1206119.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.718+/-0.045 χ^2/NDF : 3383938.2/22

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: 0.085 ± 0.081 χ^2/NDF : 24.8/12

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

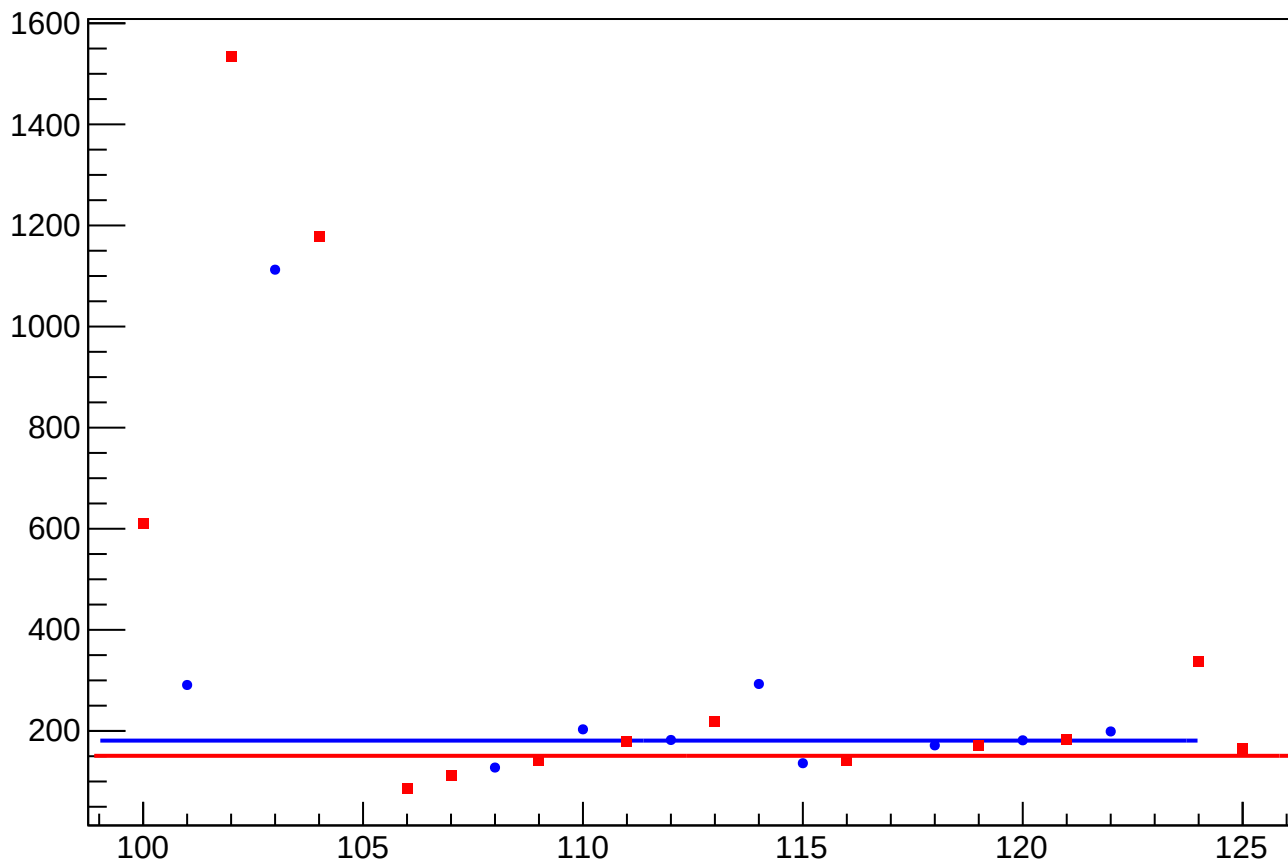
Right: 0.041 ± 0.063 χ^2/NDF : 34.5/22

In: -0.027 ± 0.100 χ^2/NDF : 9.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.041 ± 0.063 χ^2/NDF : 34.5/22

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: 150.802+/-0.057 χ^2/NDF : 2068791.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

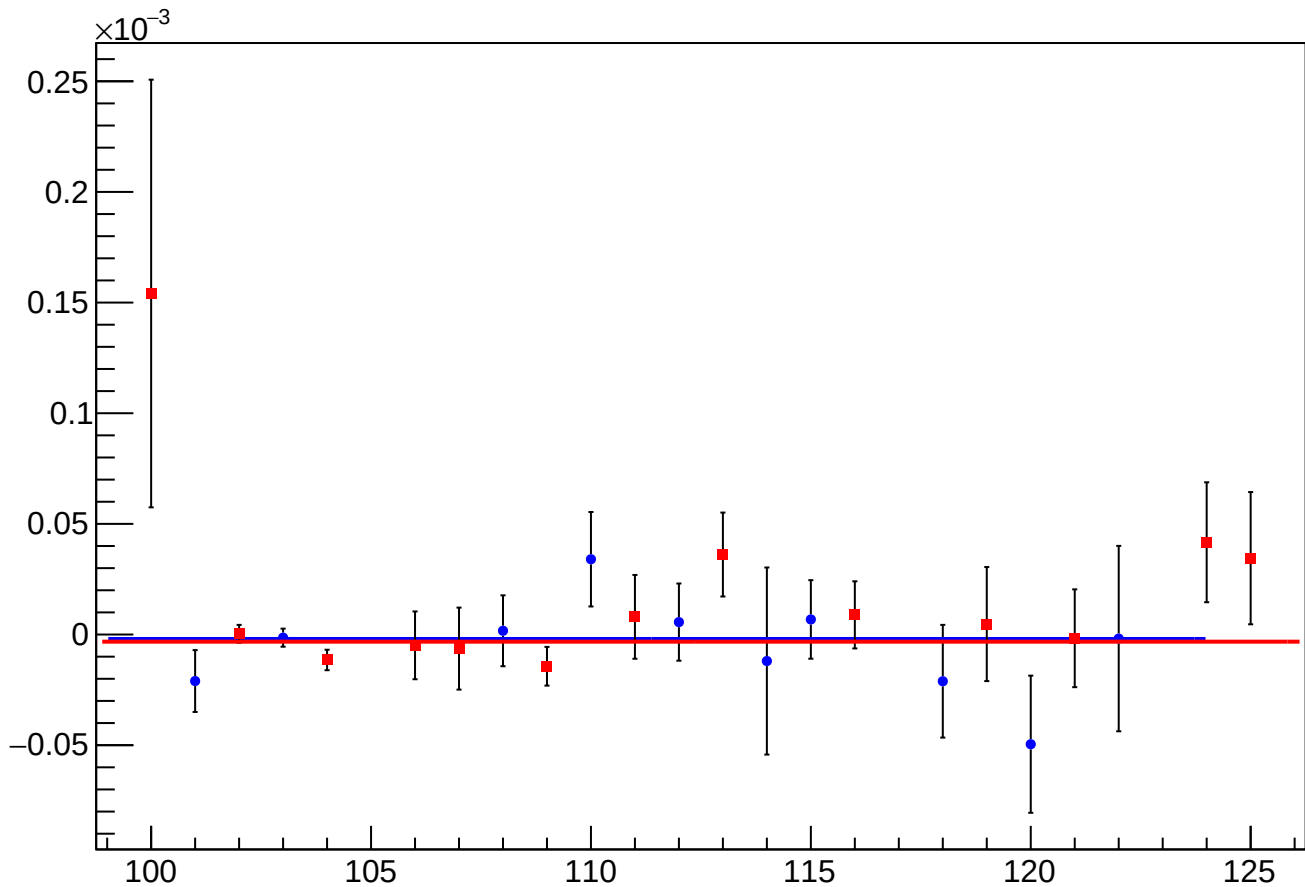
Right: 162.718+/-0.045 χ^2/NDF : 3383938.2/22

In: 180.890+/-0.071 χ^2/NDF : 1206119.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.718+/-0.045 χ^2/NDF : 3383938.2/22

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 : 18.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

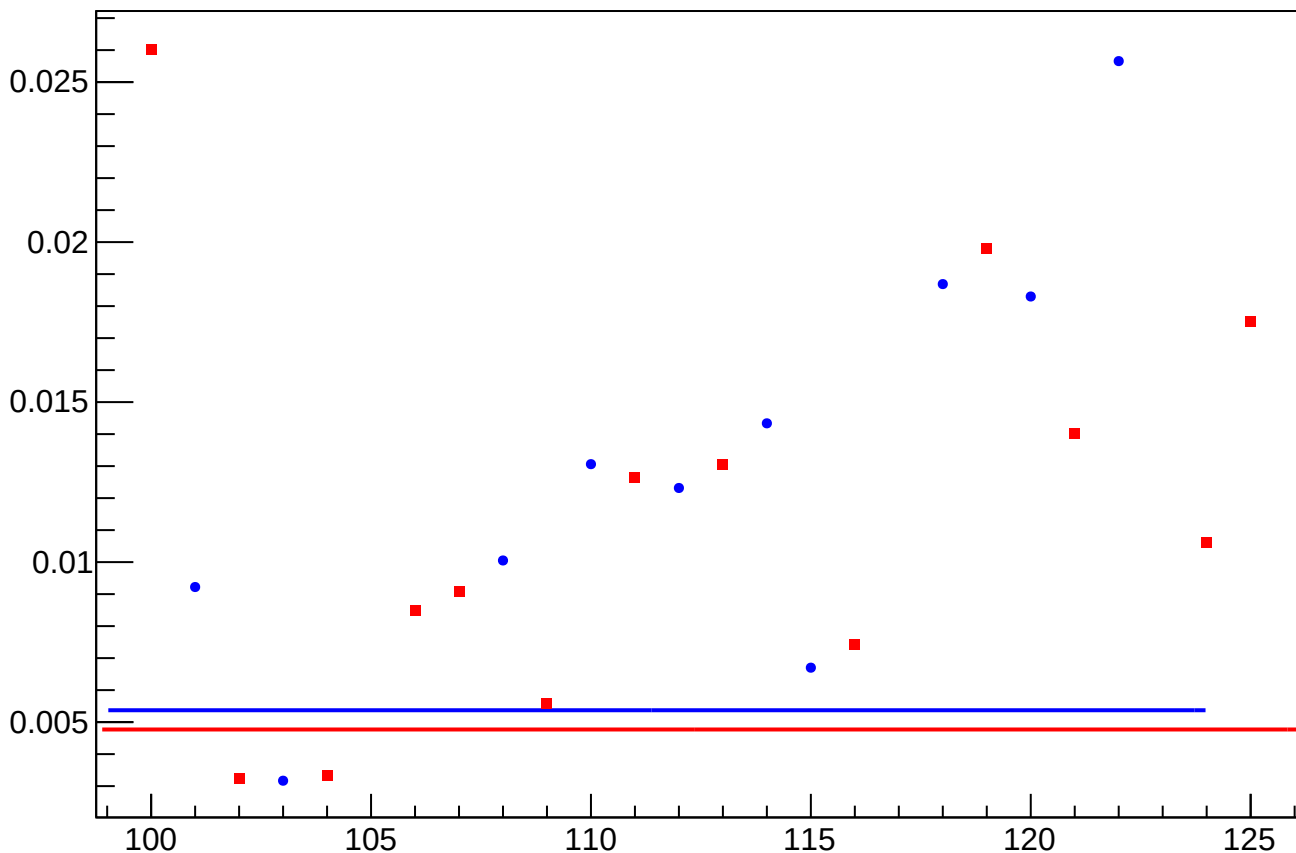
Right: -0.000+/-0.000 χ^2/NDF : 26.3/22

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 : 26.3/22

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 : 3101715.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

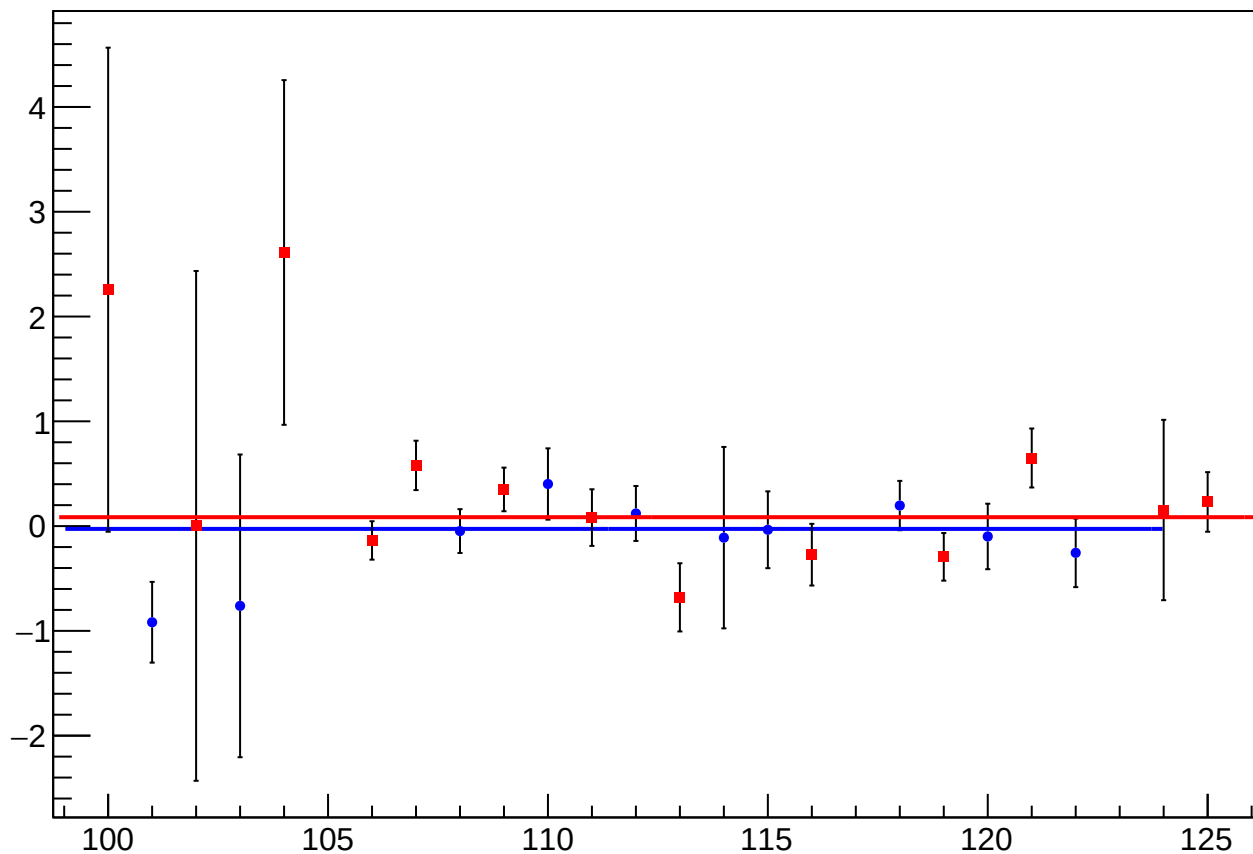
Right: 0.005+/-0.000 χ^2/NDF : 6087418.6/22

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 : 6087418.6/22

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: 0.085+/-0.081 χ^2/NDF : 24.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

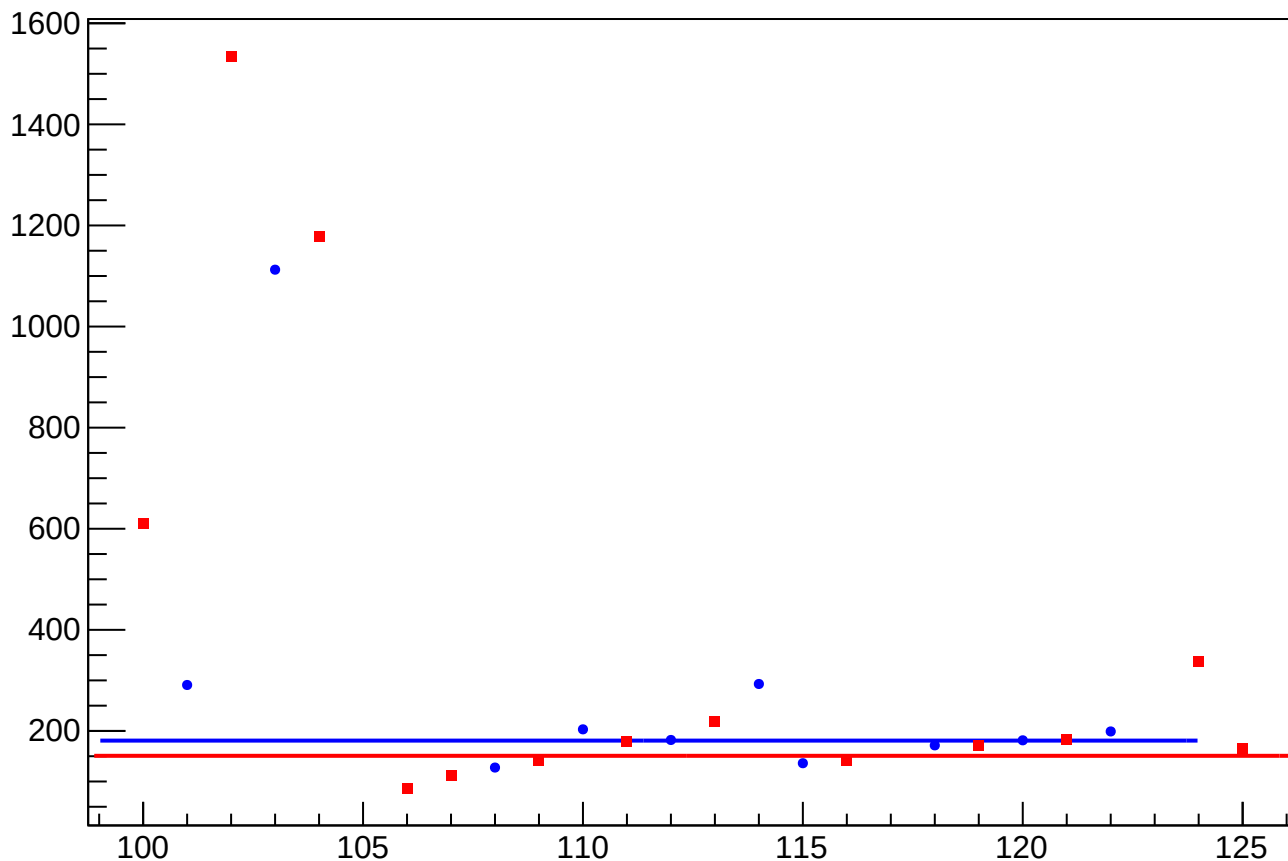
Right: 0.041+/-0.063 χ^2/NDF : 34.5/22

In: -0.027+/-0.100 χ^2/NDF :9.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.041+/-0.063 χ^2/NDF : 34.5/22

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: 150.802+/-0.057 χ^2/NDF : 2068778.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

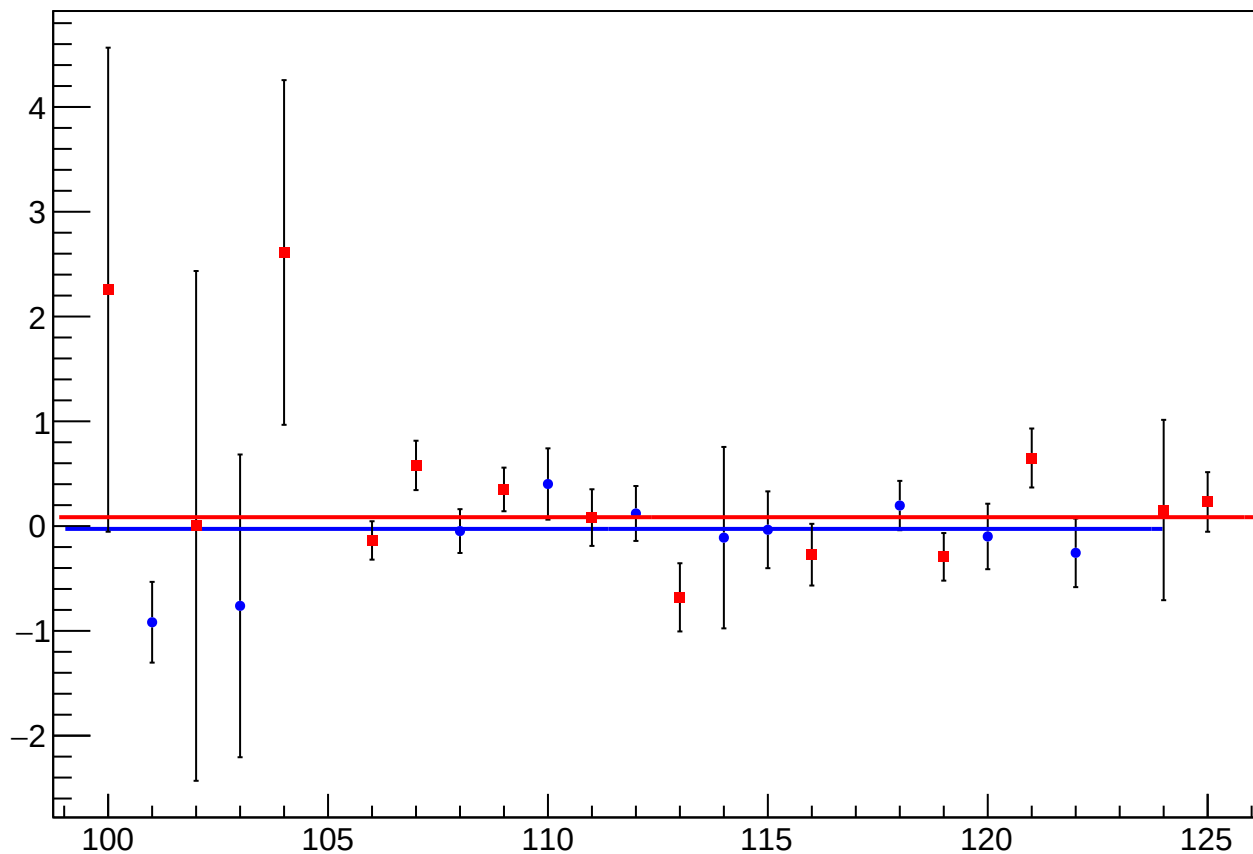
Right: 162.718+/-0.045 χ^2/NDF : 3383931.1/22

In: 180.890+/-0.071 χ^2/NDF : 1206128.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.718+/-0.045 χ^2/NDF : 3383931.1/22

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: 0.085 $\pm$ 0.081 χ^2 /NDF: 24.8/12

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

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

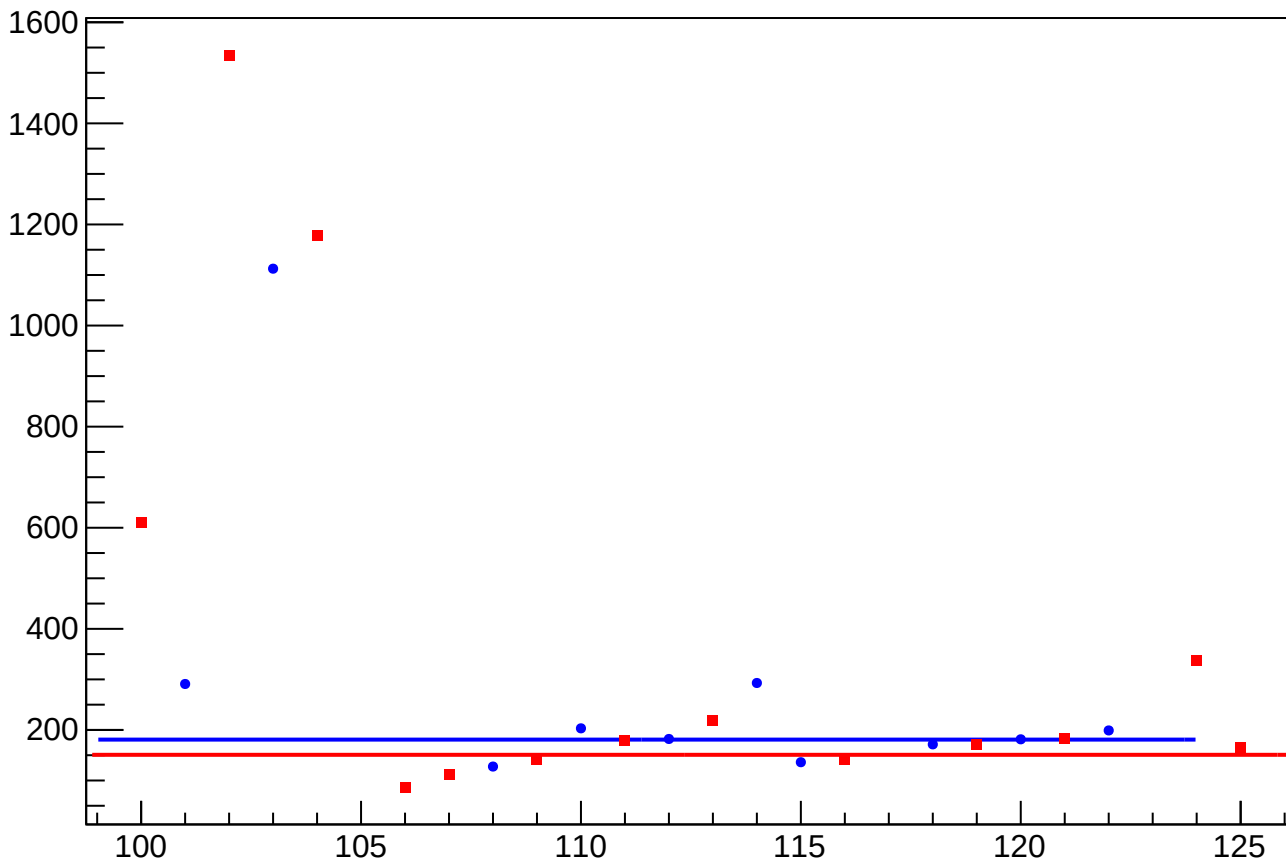
Right: 0.041 $\pm$ 0.063 χ^2 /NDF: 34.5/22

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: 0.041 $\pm$ 0.063 χ^2 /NDF: 34.5/22

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: 150.802+/-0.057 χ^2/NDF : 2068778.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

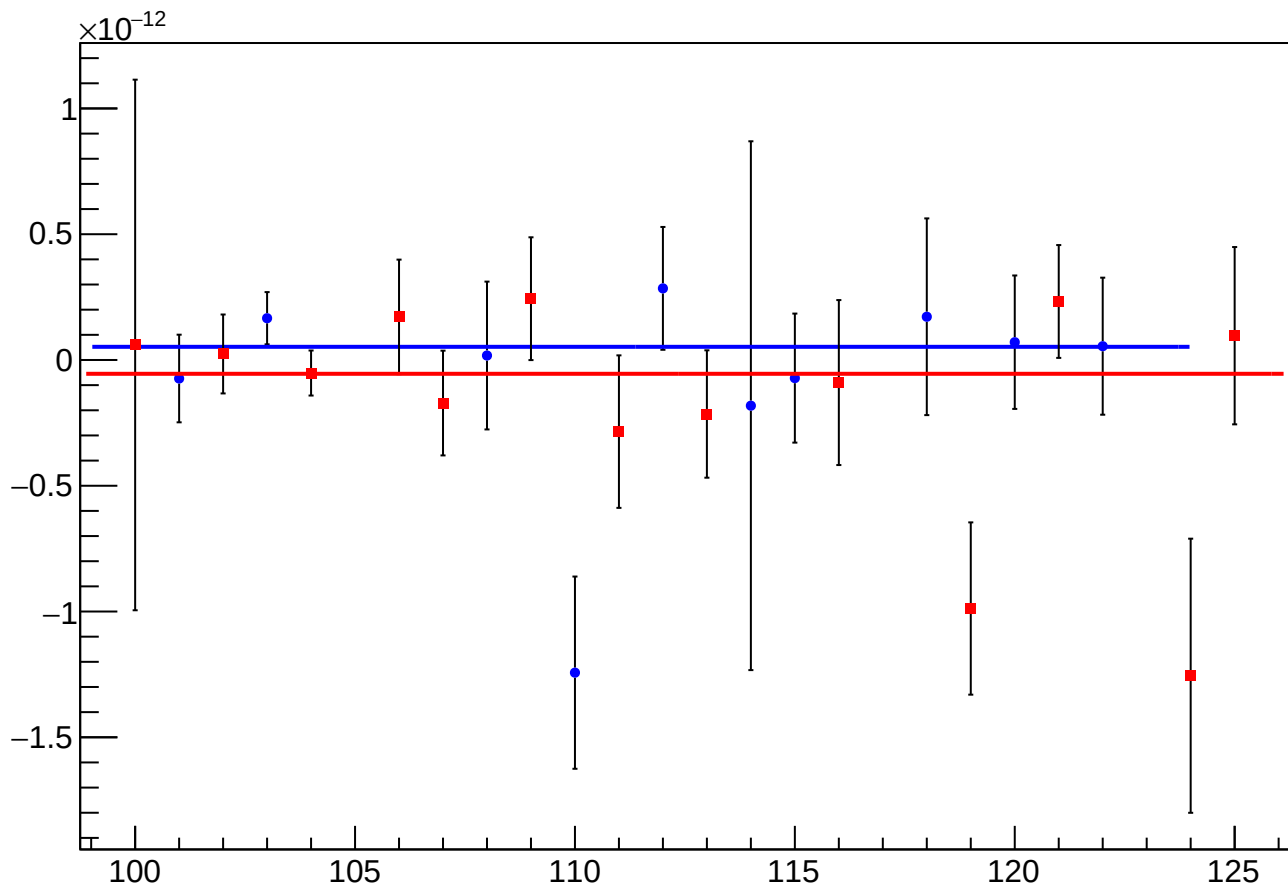
Right: 162.718+/-0.045 χ^2/NDF : 3383931.1/22

In: 180.890+/-0.071 χ^2/NDF :1206128.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 162.718+/-0.045 χ^2/NDF : 3383931.1/22

asym_atr_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.5/9

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

Right Out: -0.000+/-0.000 χ^2/NDF : 18.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

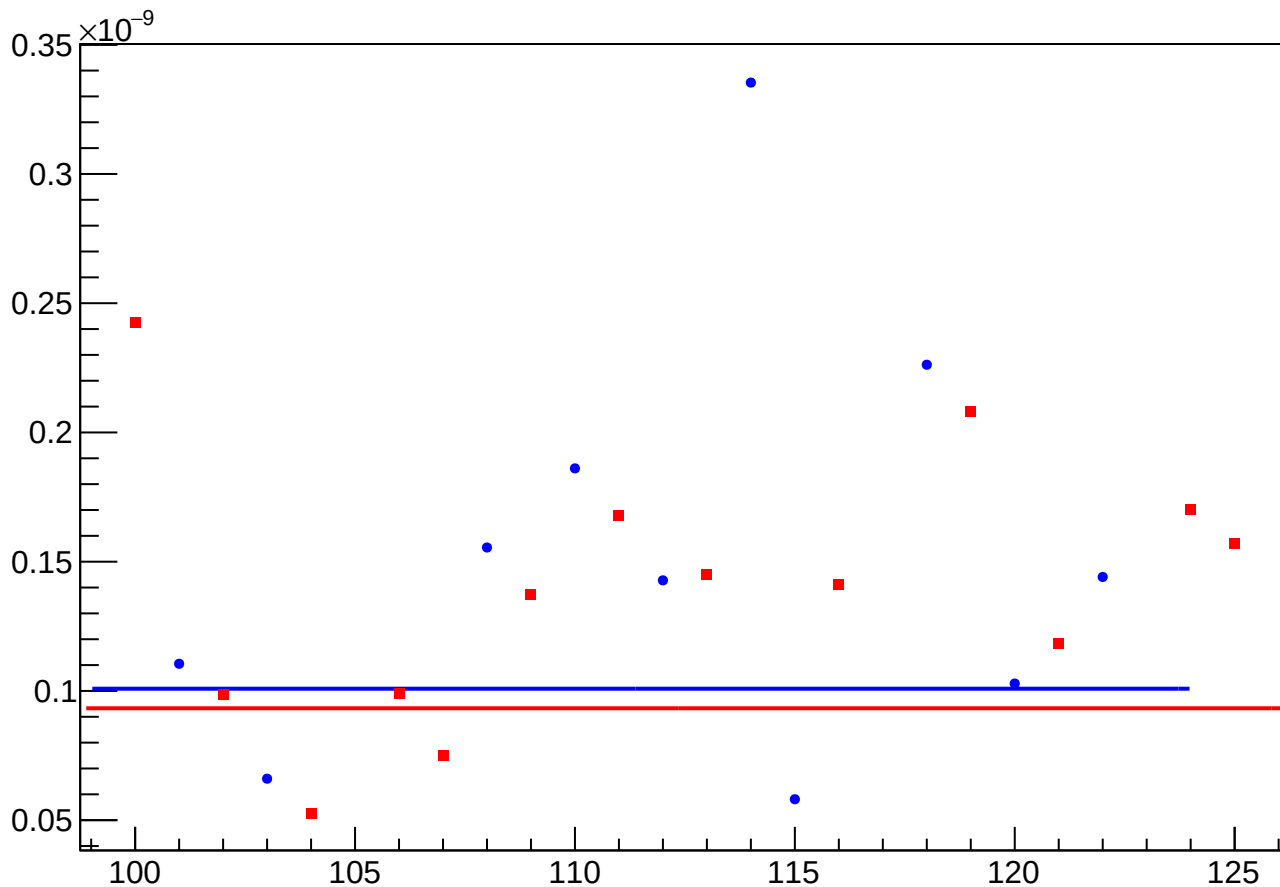
Right: -0.000+/-0.000 χ^2/NDF : 34.1/22

In: 0.000+/-0.000 χ^2/NDF : 14.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 34.1/22

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 : 1141372.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

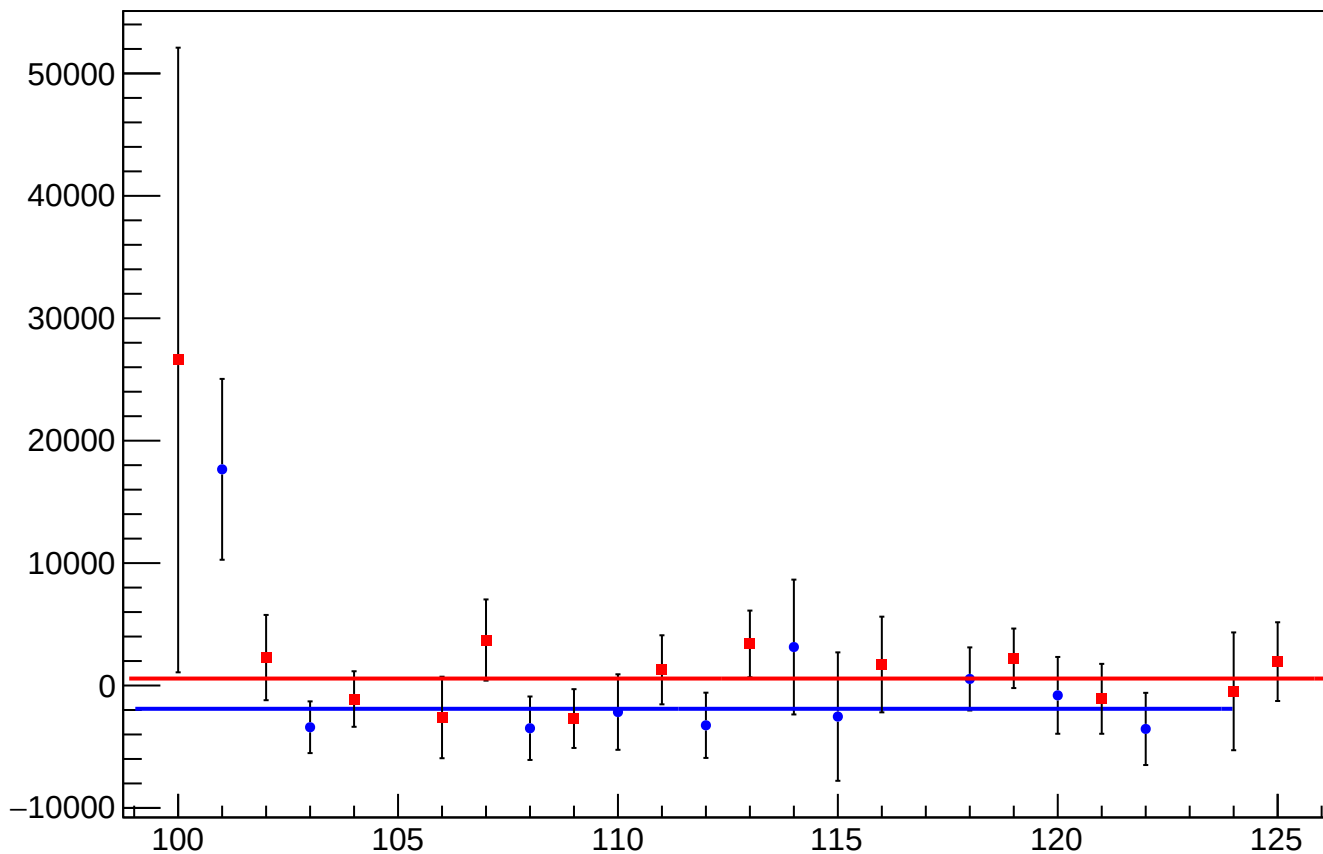
Right: 0.000+/-0.000 χ^2/NDF : 2025345.3/22

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 : 2025345.3/22

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: 569.008+/-848.071 χ^2/NDF : 7.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

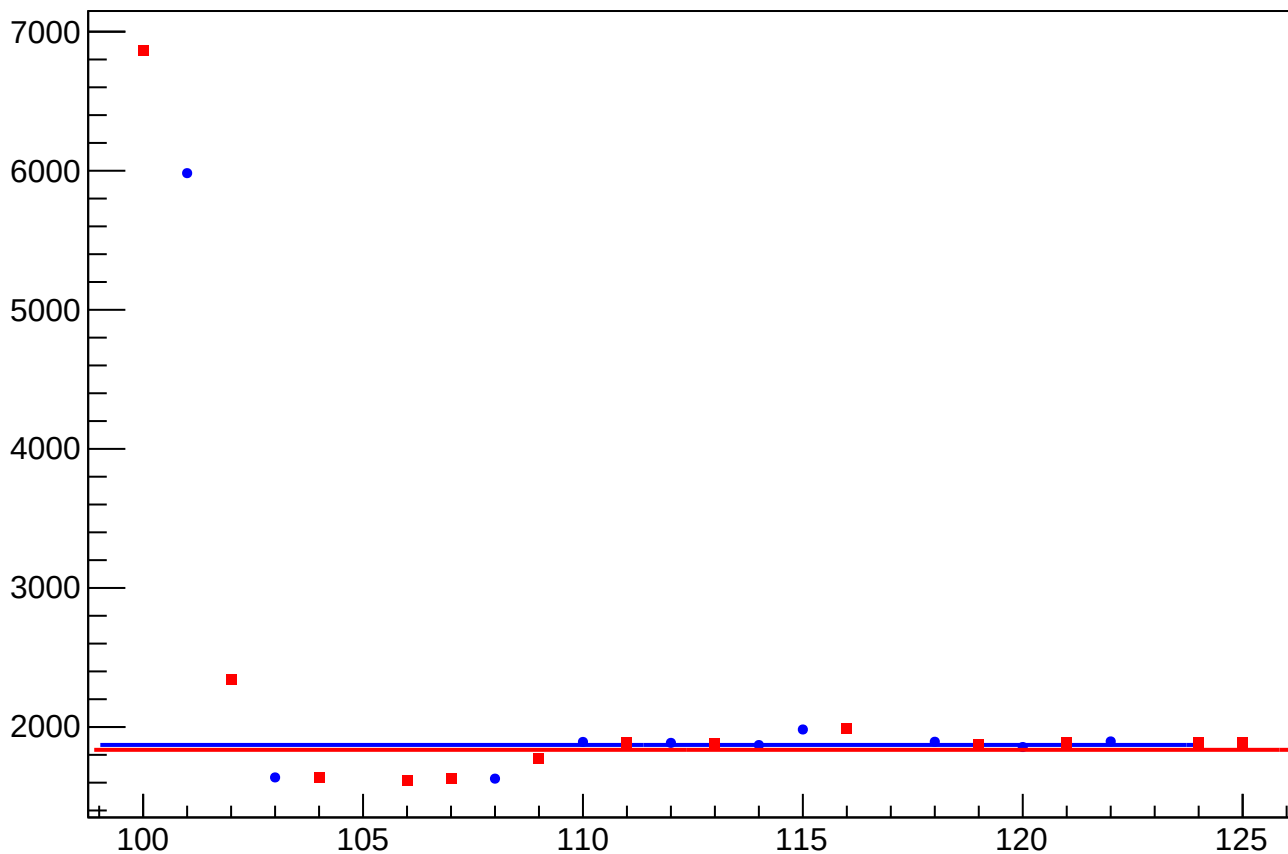
Right: -507.694+/-637.054 χ^2/NDF : 21.8/22

In: -1902.035+/-965.092 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -507.694+/-637.054 χ^2/NDF : 21.8/22

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: 1836.092+/-0.597 χ^2/NDF : 161703.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

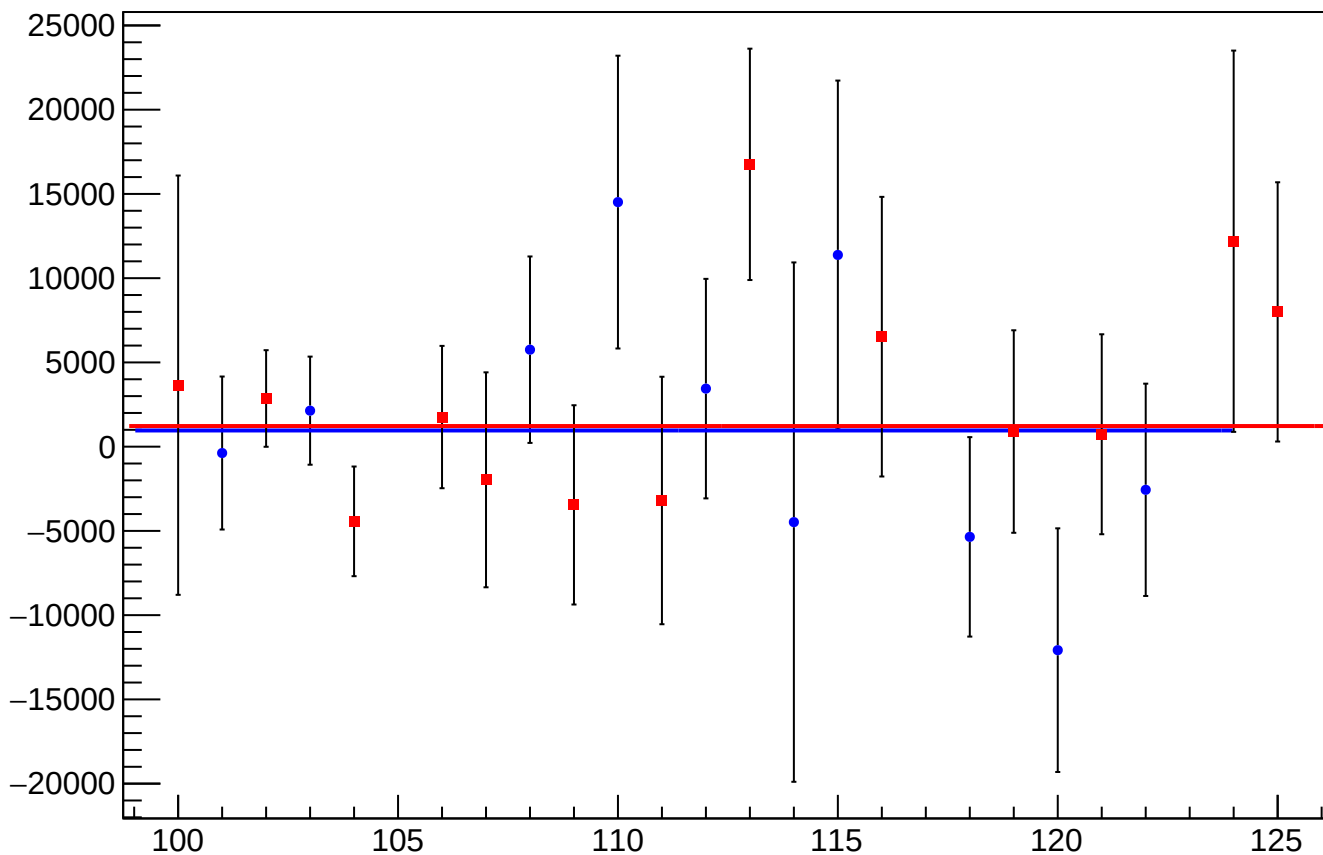
Right: 1851.371+/-0.449 χ^2/NDF : 826139.7/22

In: 1871.352+/-0.682 χ^2/NDF : 662923.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1851.371+/-0.449 χ^2/NDF : 826139.7/22

asym_atr_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 960.998 $\pm$ 1821.015 χ^2 /NDF: 9.4/9

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

Right Out: 1223.976 $\pm$ 1463.539 χ^2 /NDF: 11.9/12

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

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

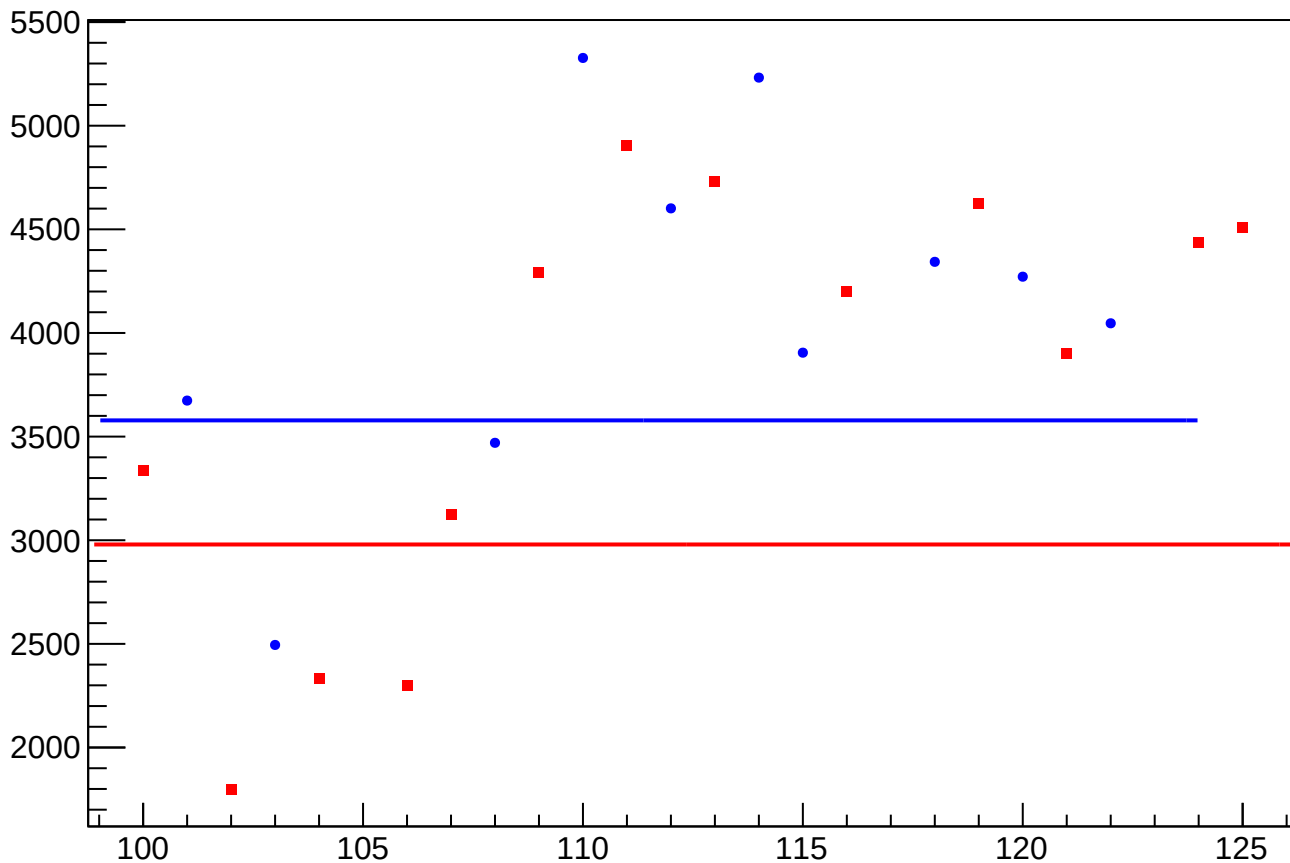
Right: 1120.774 $\pm$ 1140.774 χ^2 /NDF: 21.3/22

In: 960.998 $\pm$ 1821.015 χ^2 /NDF:9.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1120.774 $\pm$ 1140.774 χ^2 /NDF: 21.3/22

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: 2979.536+/-1.035 χ^2/NDF : 1193347.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

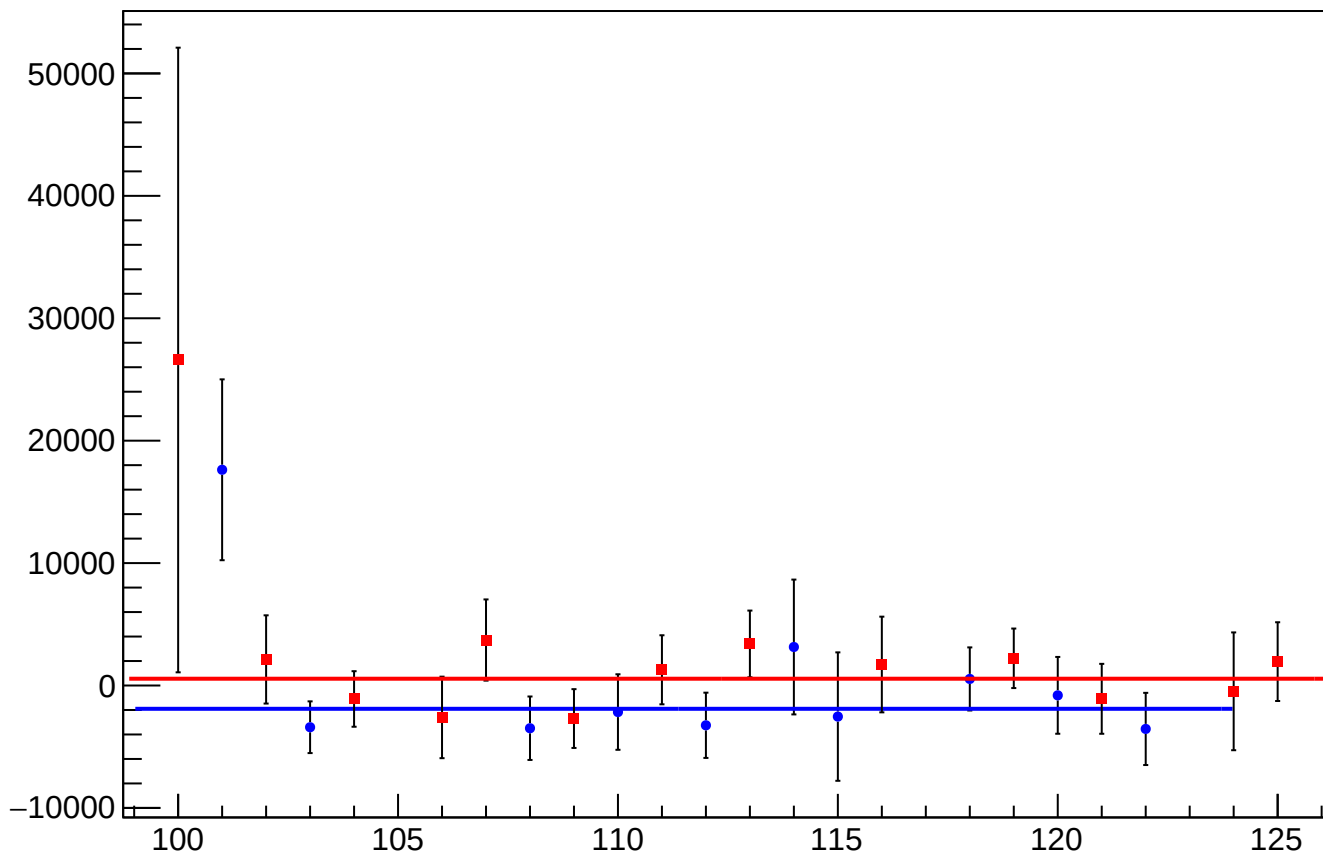
Right: 3214.495+/-0.807 χ^2/NDF : 1772624.8/22

In: 3578.250+/-1.288 χ^2/NDF :447927.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3214.495+/-0.807 χ^2/NDF : 1772624.8/22

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: 554.631+/-849.739 χ^2/NDF : 7.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

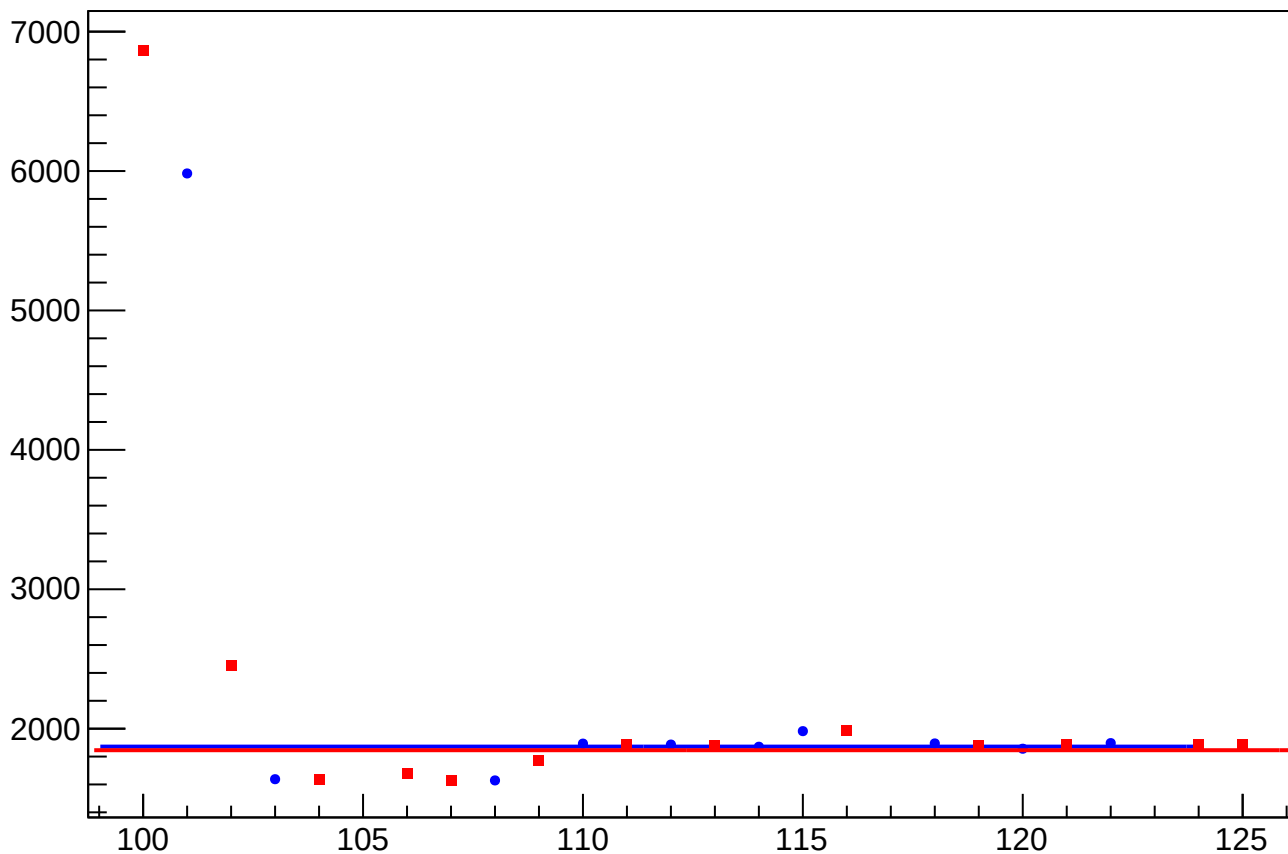
Right: -518.451+/-637.760 χ^2/NDF : 21.7/22

In: -1902.655+/-965.093 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -518.451+/-637.760 χ^2/NDF : 21.7/22

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: 1845.576+/-0.599 χ^2/NDF : 172596.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

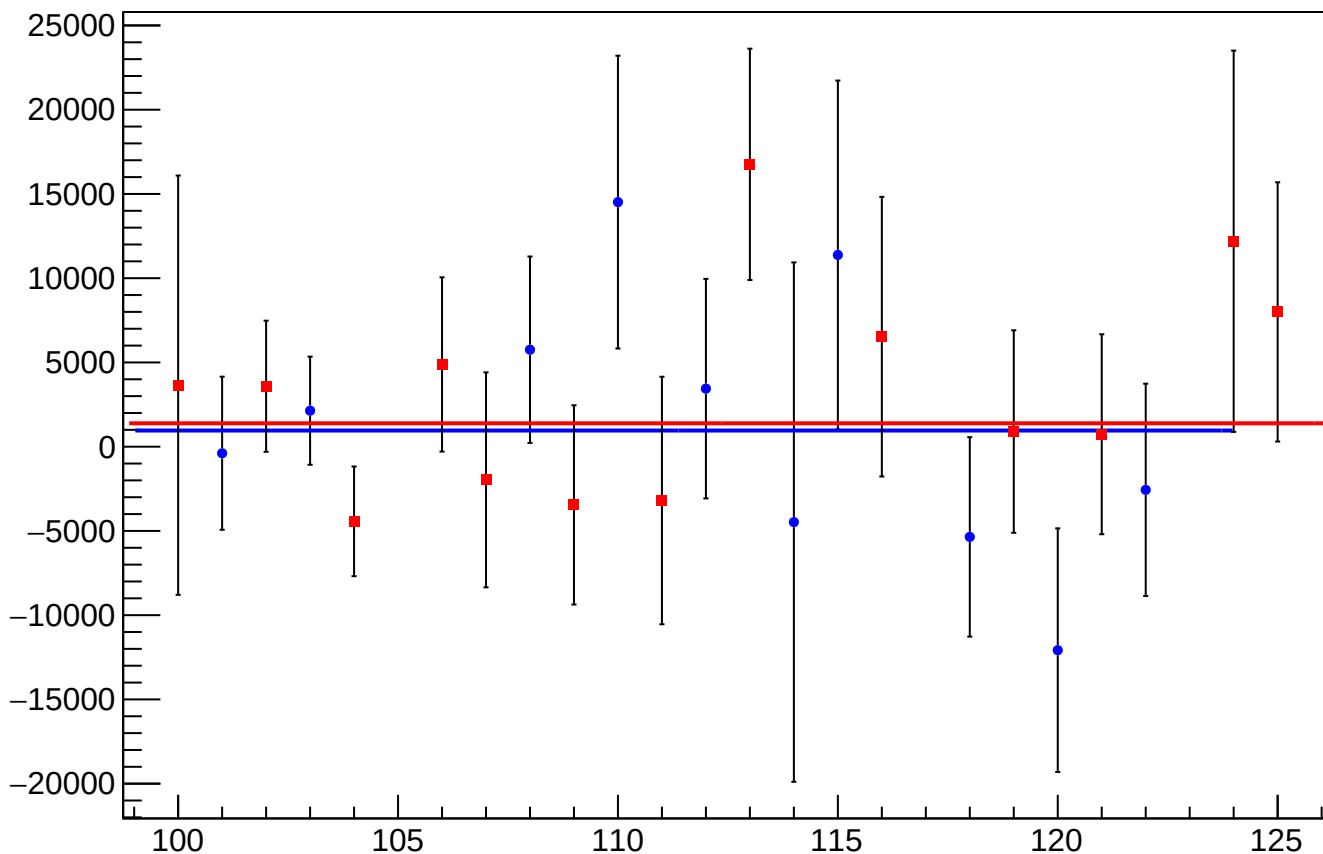
Right: 1856.804+/-0.450 χ^2/NDF : 836325.1/22

In: 1871.352+/-0.682 χ^2/NDF : 662923.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1856.804+/-0.450 χ^2/NDF : 836325.1/22

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: 1387.254+/-1595.952 χ^2/NDF : 12.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

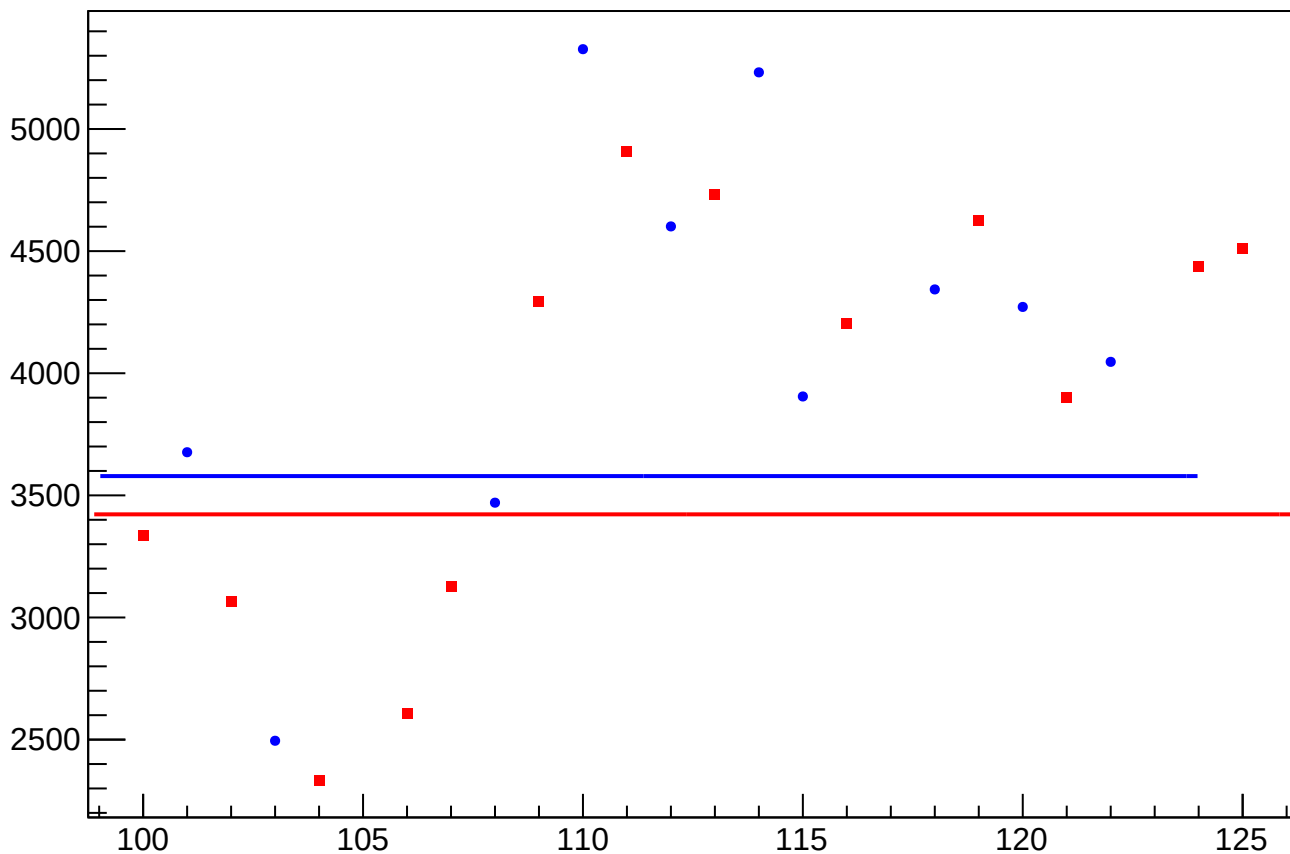
Right: 1201.279+/-1200.331 χ^2/NDF : 21.8/22

In: 959.068+/-1821.337 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1201.279+/-1200.331 χ^2/NDF : 21.8/22

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: 3422.299+/-1.129 χ^2/NDF : 658841.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

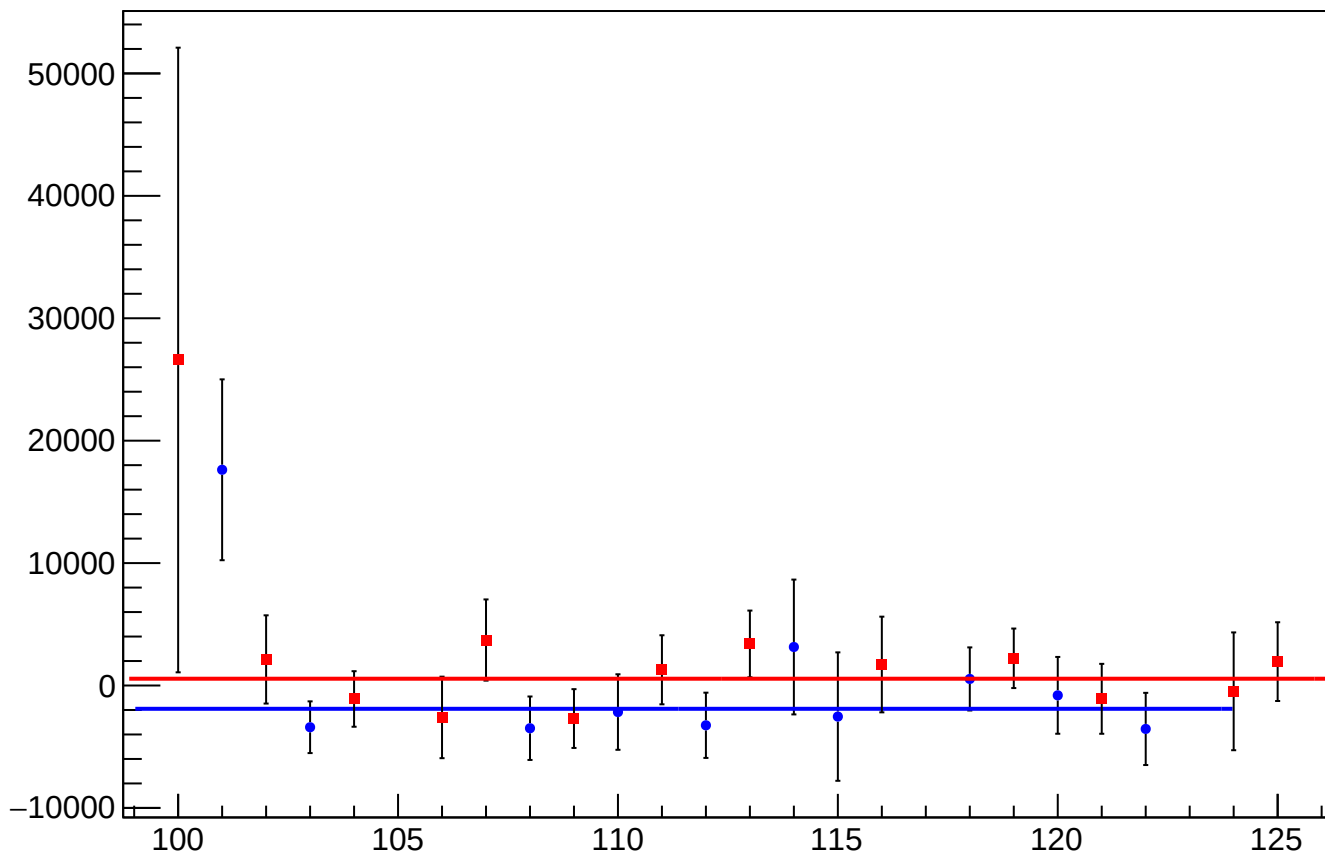
Right: 3490.340+/-0.849 χ^2/NDF : 1114905.8/22

In: 3578.955+/-1.288 χ^2/NDF : 447694.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3490.340+/-0.849 χ^2/NDF : 1114905.8/22

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: 554.631+/-849.739 χ^2/NDF : 7.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

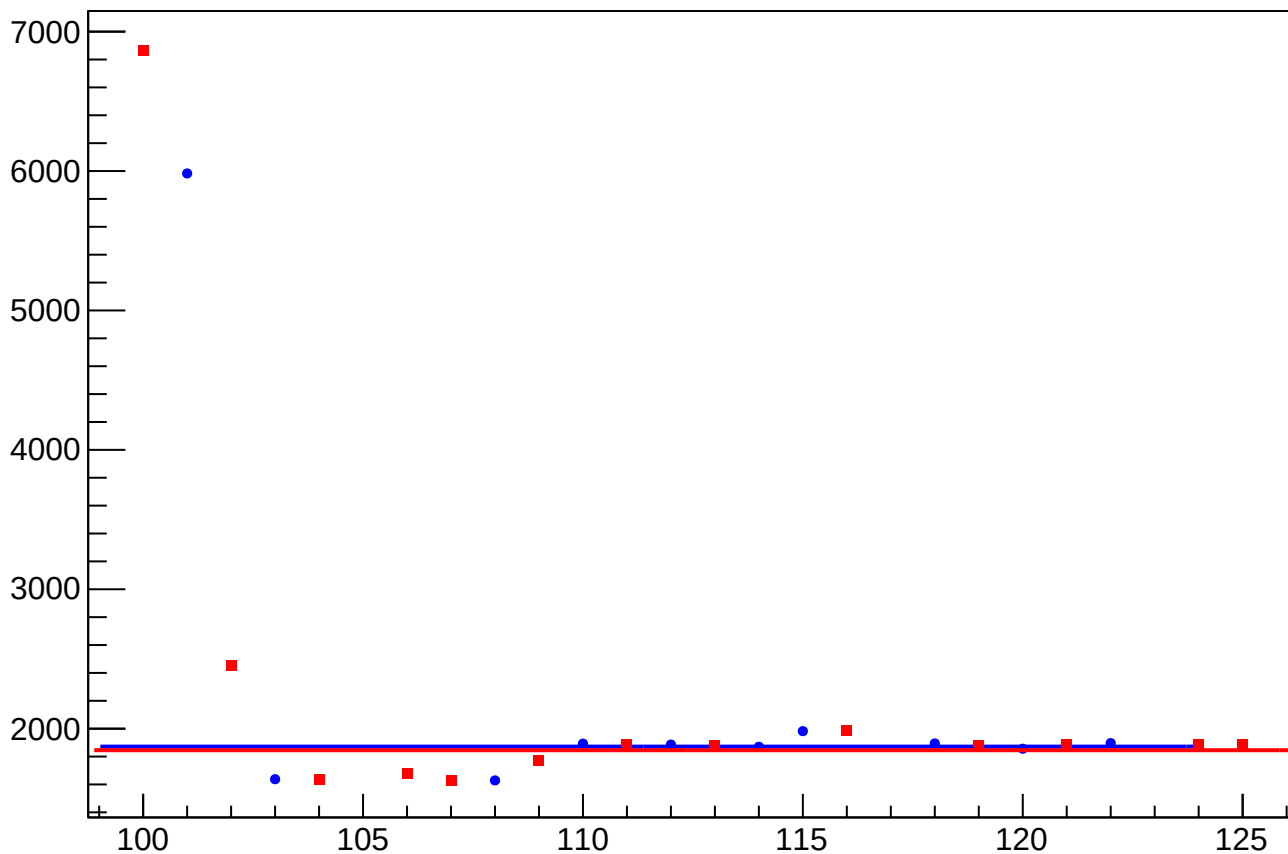
Right: -518.451+/-637.760 χ^2/NDF : 21.7/22

In: -1902.655+/-965.093 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -518.451+/-637.760 χ^2/NDF : 21.7/22

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: 1845.576+/-0.599 χ^2/NDF : 172596.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

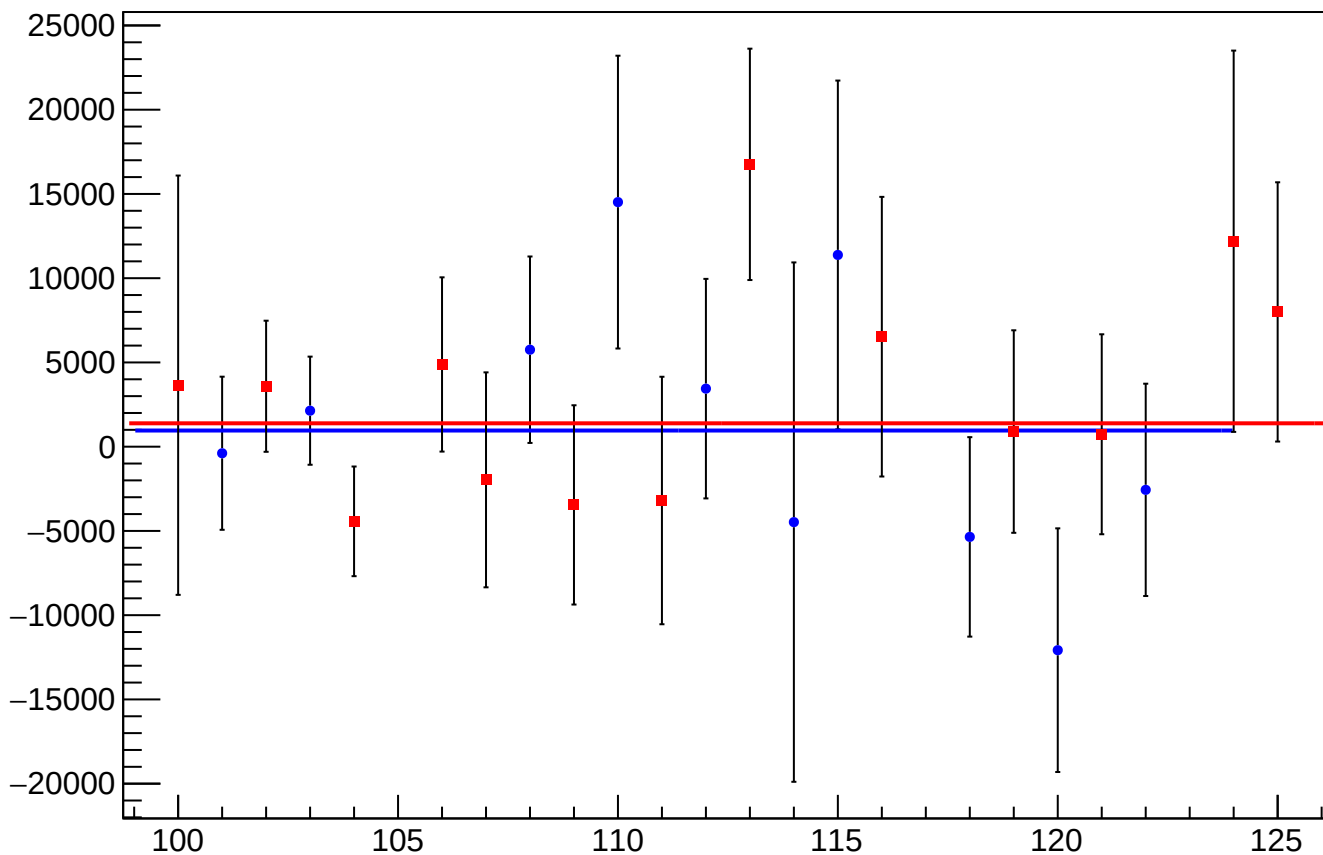
Right: 1856.804+/-0.450 χ^2/NDF : 836325.1/22

In: 1871.352+/-0.682 χ^2/NDF : 662923.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1856.804+/-0.450 χ^2/NDF : 836325.1/22

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: 1387.254+/-1595.952 χ^2/NDF : 12.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

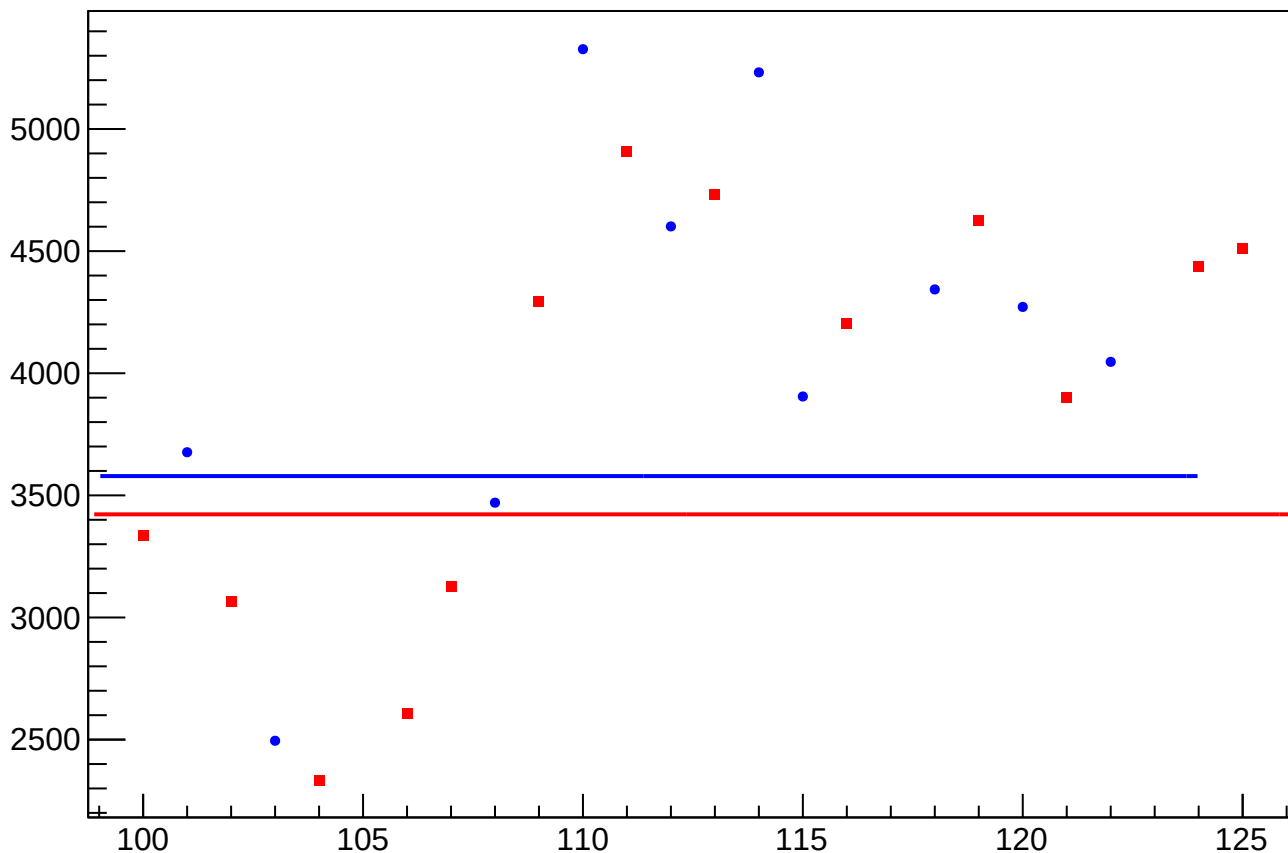
Right: 1201.279+/-1200.331 χ^2/NDF : 21.8/22

In: 959.068+/-1821.337 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1201.279+/-1200.331 χ^2/NDF : 21.8/22

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: 3422.299+/-1.129 χ^2/NDF : 658841.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

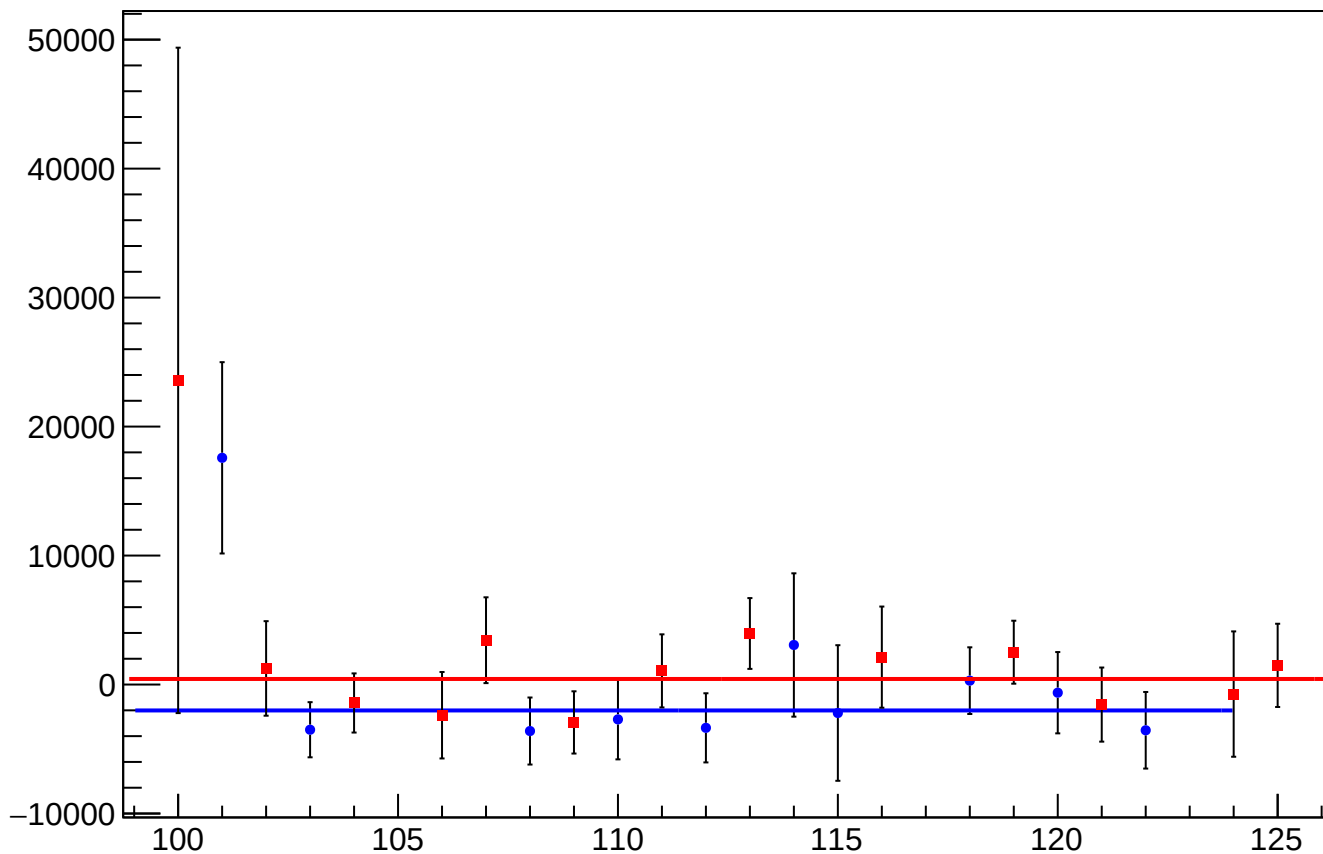
Right: 3490.340+/-0.849 χ^2/NDF : 1114905.8/22

In: 3578.955+/-1.288 χ^2/NDF : 447694.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3490.340+/-0.849 χ^2/NDF : 1114905.8/22

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2008.446+/-971.033 χ^2/NDF : 10.2/9

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

Right Out: 432.060+/-855.249 χ^2/NDF : 8.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

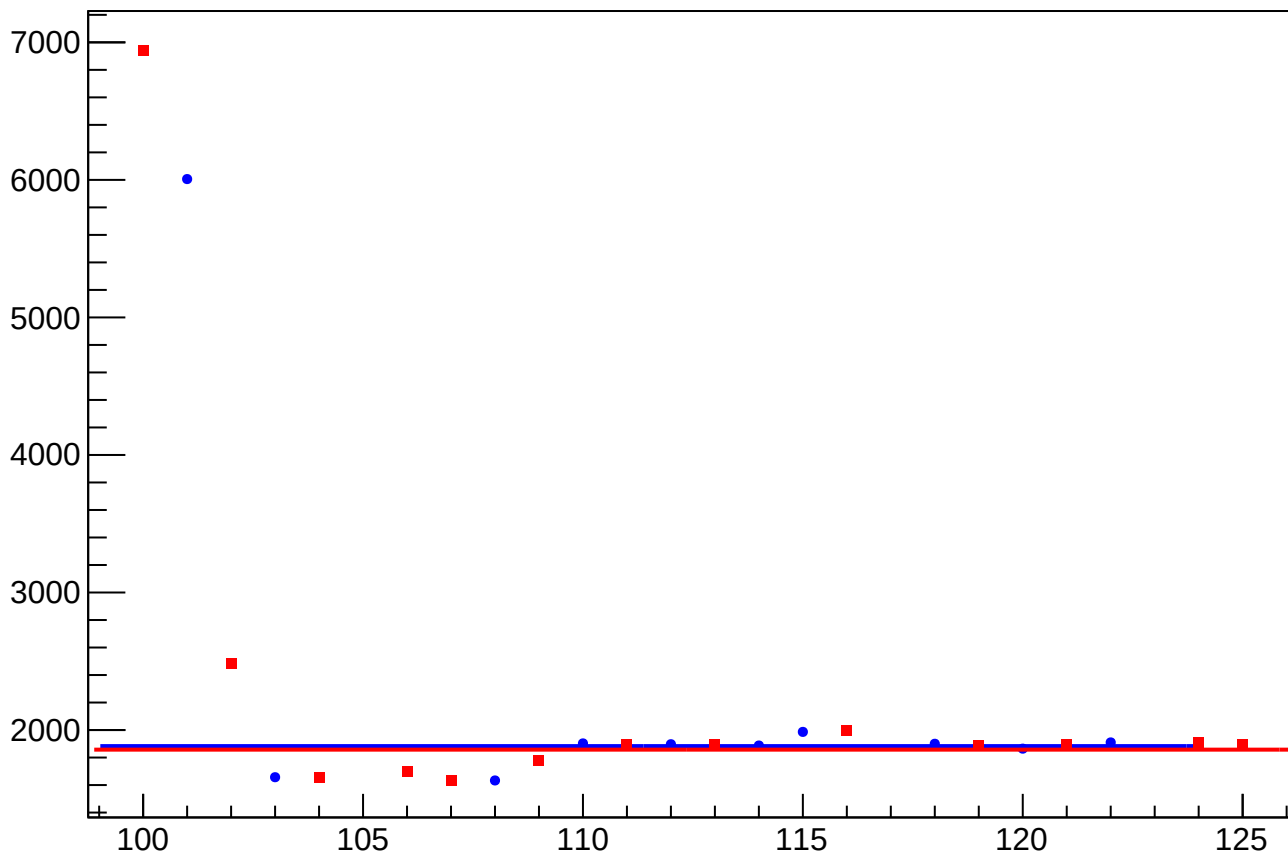
Right: -634.087+/-641.804 χ^2/NDF : 22.0/22

In: -2008.446+/-971.033 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -634.087+/-641.804 χ^2/NDF : 22.0/22

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: 1857.455+/-0.604 χ^2/NDF : 172055.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

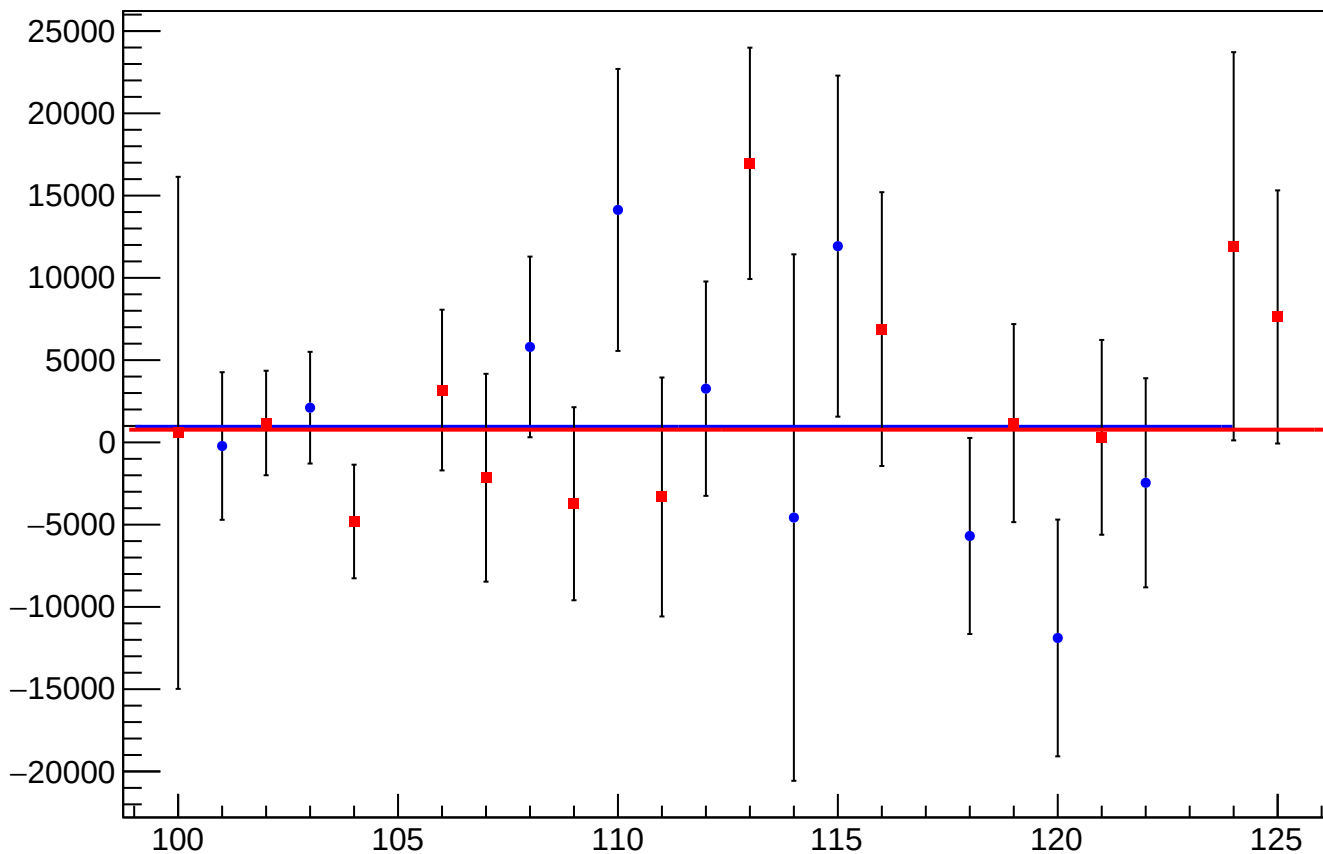
Right: 1868.683+/-0.453 χ^2/NDF : 833020.6/22

In: 1883.203+/-0.687 χ^2/NDF : 660172.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1868.683+/-0.453 χ^2/NDF : 833020.6/22

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: 772.967+/-1548.479 χ^2/NDF : 11.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

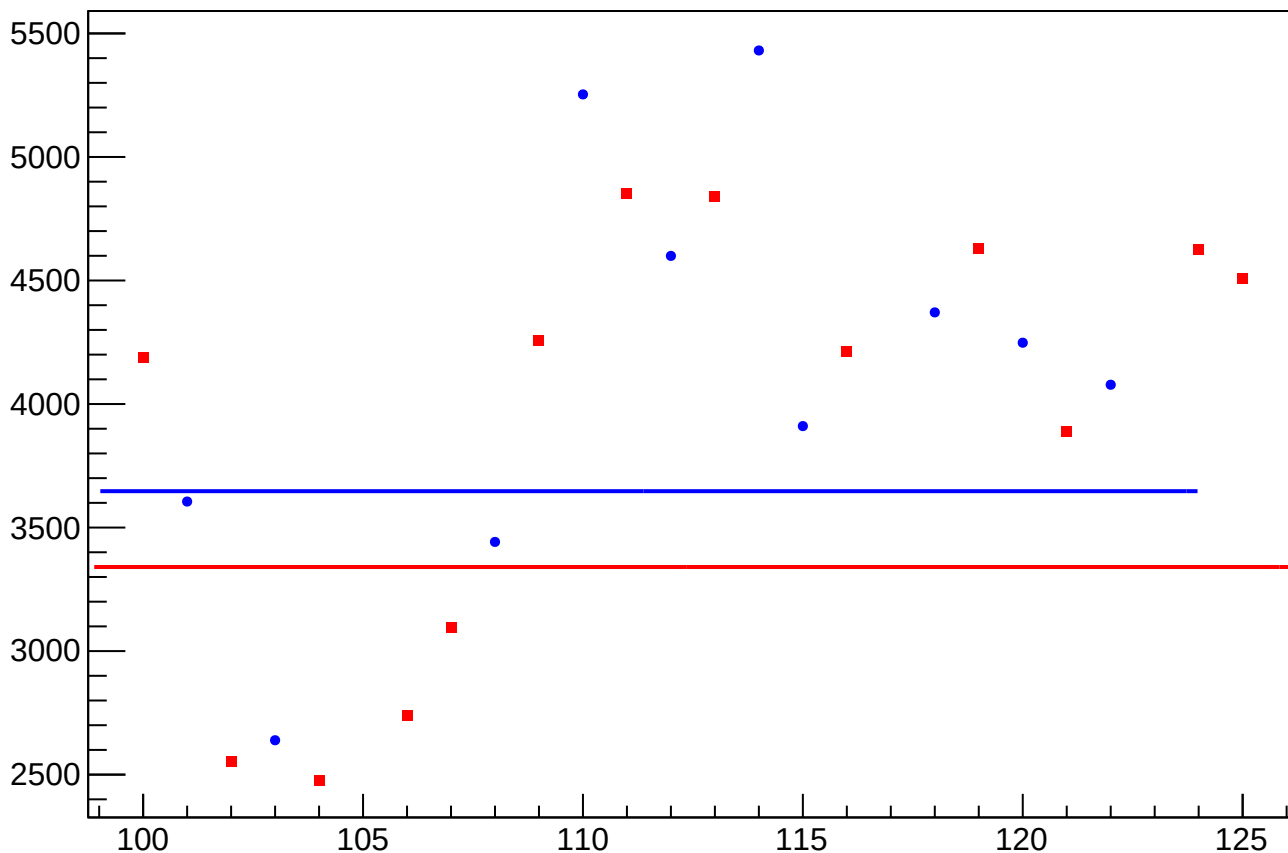
Right: 844.118+/-1187.321 χ^2/NDF : 20.9/22

In: 945.635+/-1849.620 χ^2/NDF :9.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 844.118+/-1187.321 χ^2/NDF : 20.9/22

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: 3340.347+/-1.095 χ^2/NDF : 714701.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

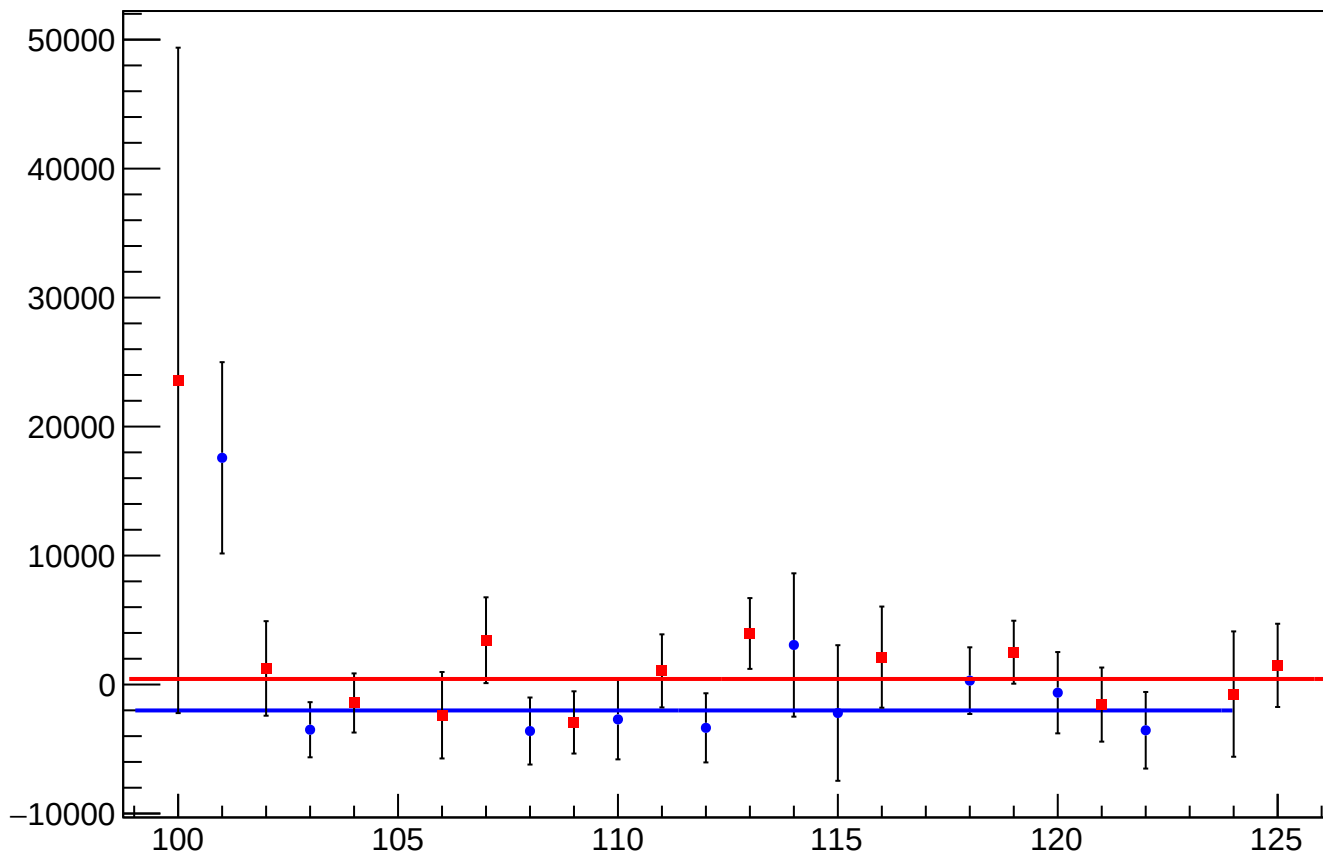
Right: 3466.825+/-0.840 χ^2/NDF : 1118223.6/22

In: 3647.281+/-1.308 χ^2/NDF : 371141.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3466.825+/-0.840 χ^2/NDF : 1118223.6/22

eigen_dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2088.441+/-971.033 χ^2/NDF : 10.2/9

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

Right Out: 432.052+/-855.249 χ^2/NDF : 8.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

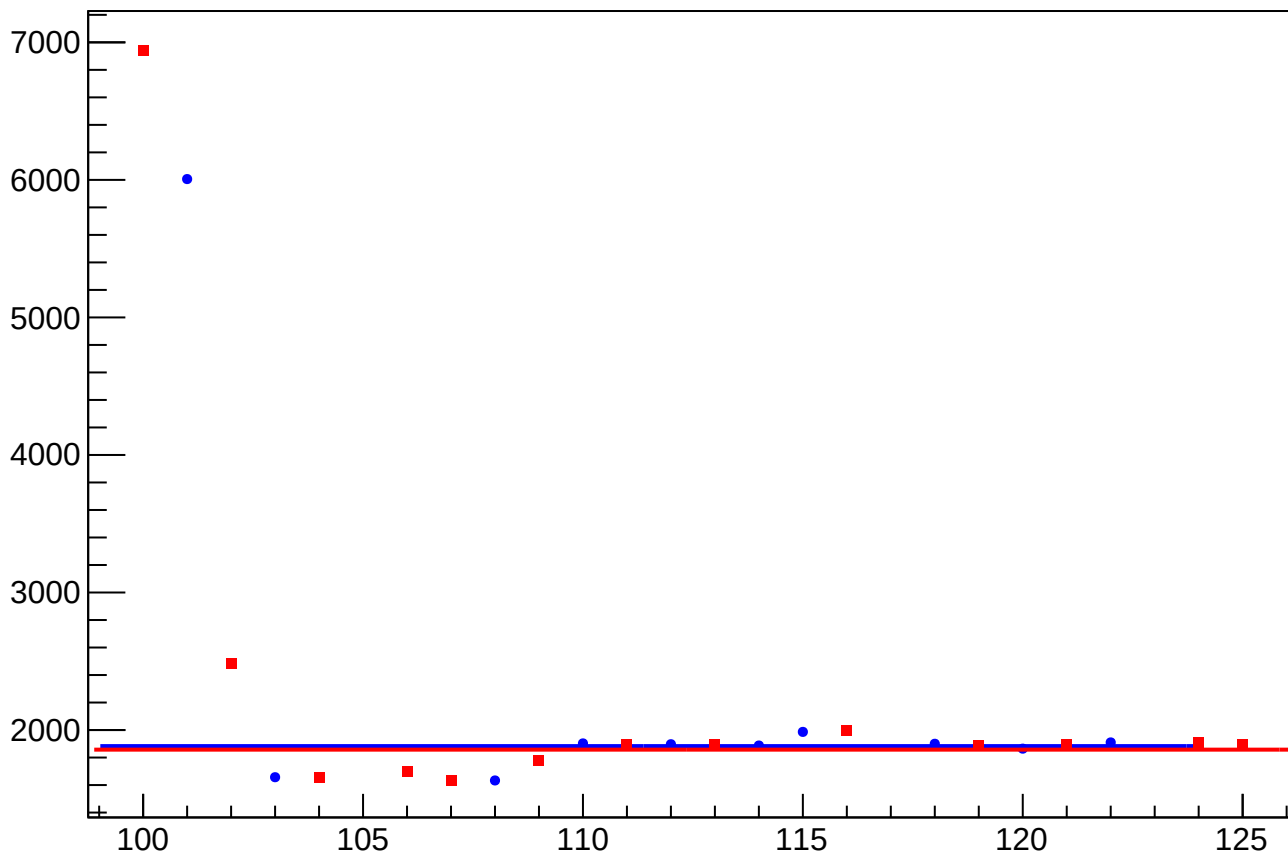
Right: -634.089+/-641.804 χ^2/NDF : 22.0/22

In: -2088.441+/-971.033 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -634.089+/-641.804 χ^2/NDF : 22.0/22

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: 1857.455+/-0.604 χ^2/NDF : 172055.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

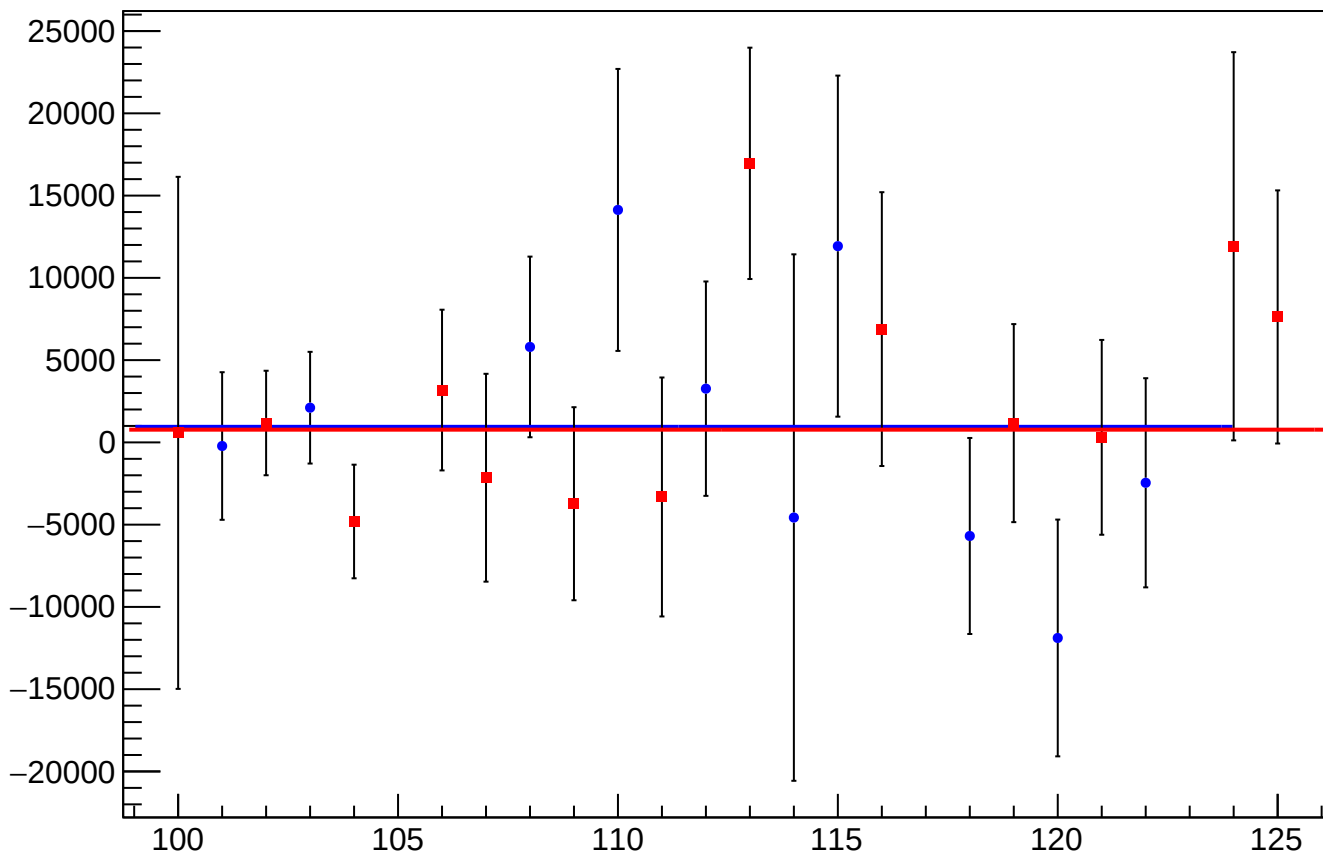
Right: 1868.683+/-0.453 χ^2/NDF : 833020.6/22

In: 1883.203+/-0.687 χ^2/NDF : 660172.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1868.683+/-0.453 χ^2/NDF : 833020.6/22

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: 772.965+/-1548.477 χ^2/NDF : 11.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

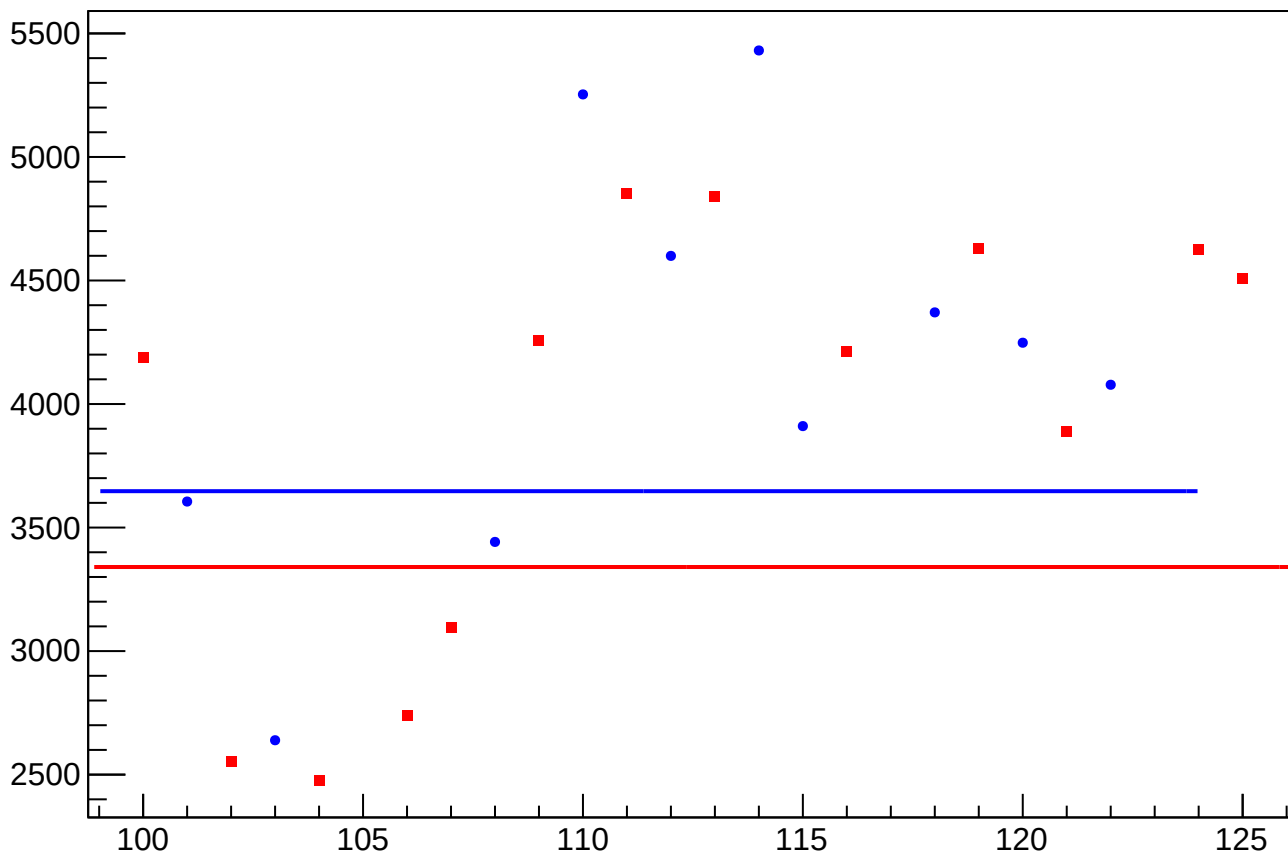
Right: 844.115+/-1187.319 χ^2/NDF : 20.9/22

In: 945.630+/-1849.617 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 844.115+/-1187.319 χ^2/NDF : 20.9/22

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: 3340.343+/-1.095 χ^2/NDF : 714696.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

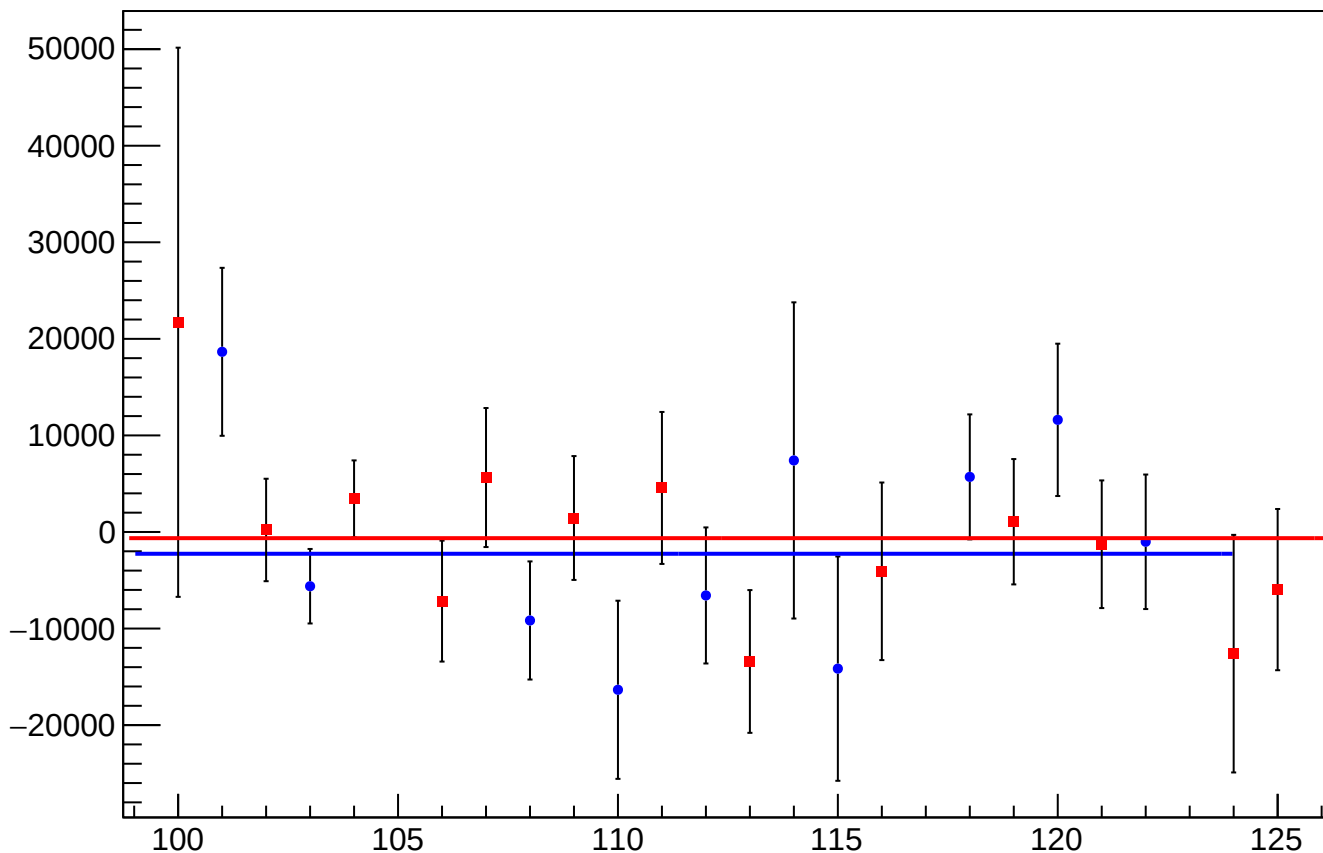
Right: 3466.821+/-0.840 χ^2/NDF : 1118214.0/22

In: 3647.276+/-1.308 χ^2/NDF : 371137.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3466.821+/-0.840 χ^2/NDF : 1118214.0/22

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: -640.503+/-1880.640 χ^2/NDF : 8.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

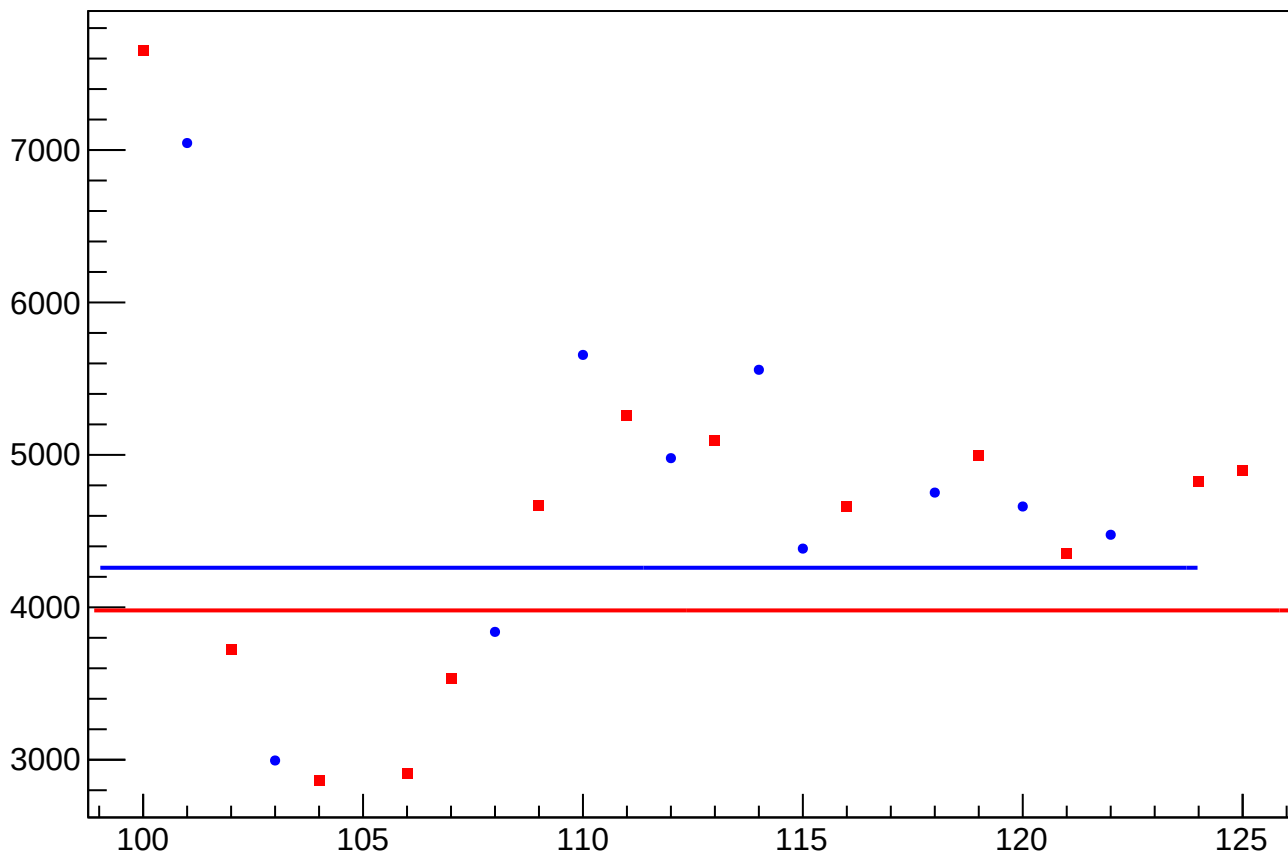
Right: -1330.580+/-1423.506 χ^2/NDF : 25.5/22

In: -2256.370+/-2178.278 χ^2/NDF : 16.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1330.580+/-1423.506 χ^2/NDF : 25.5/22

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: 3979.700+/-1.315 χ^2/NDF : 496714.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

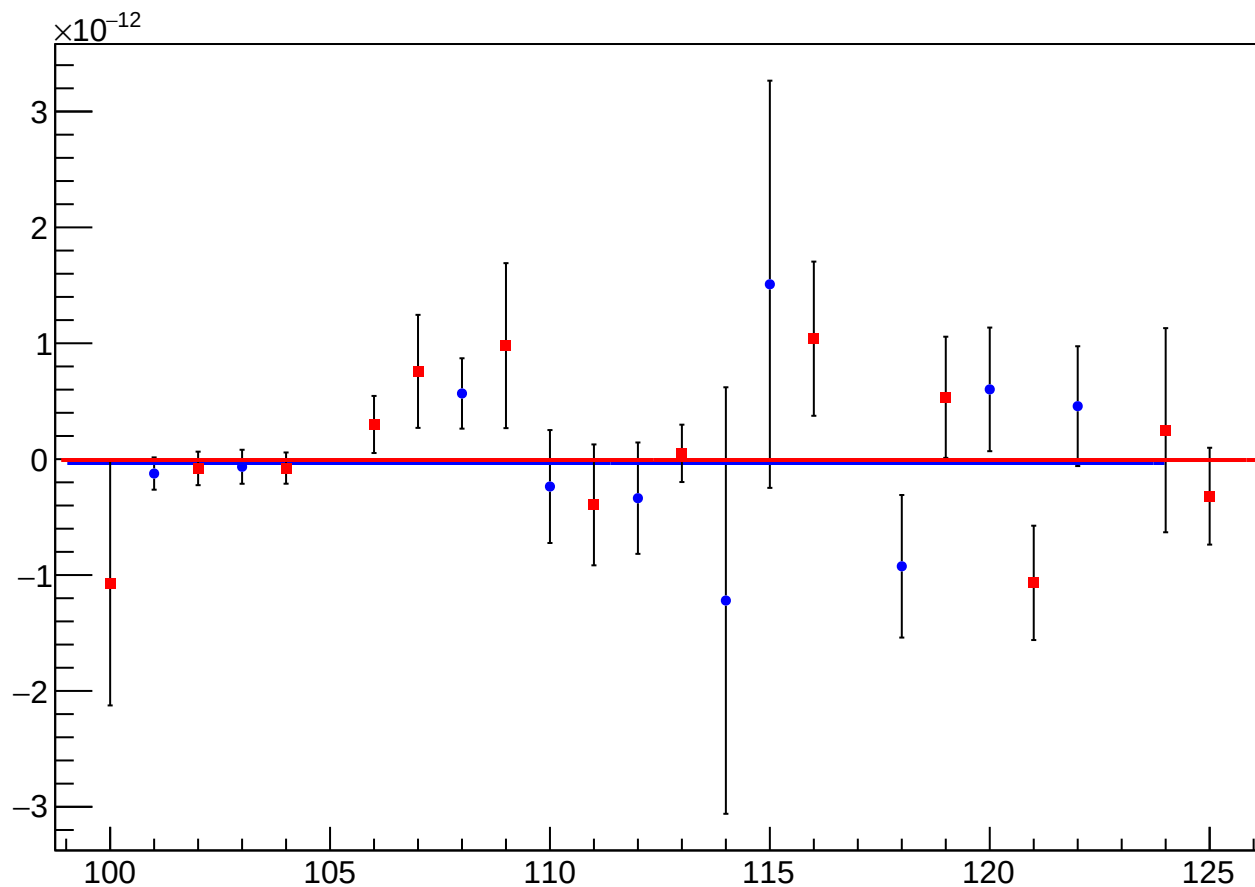
Right: 4097.715+/-1.000 χ^2/NDF : 1043630.8/22

In: 4259.554+/-1.540 χ^2/NDF : 527826.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4097.715+/-1.000 χ^2/NDF : 1043630.8/22

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 : 16.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

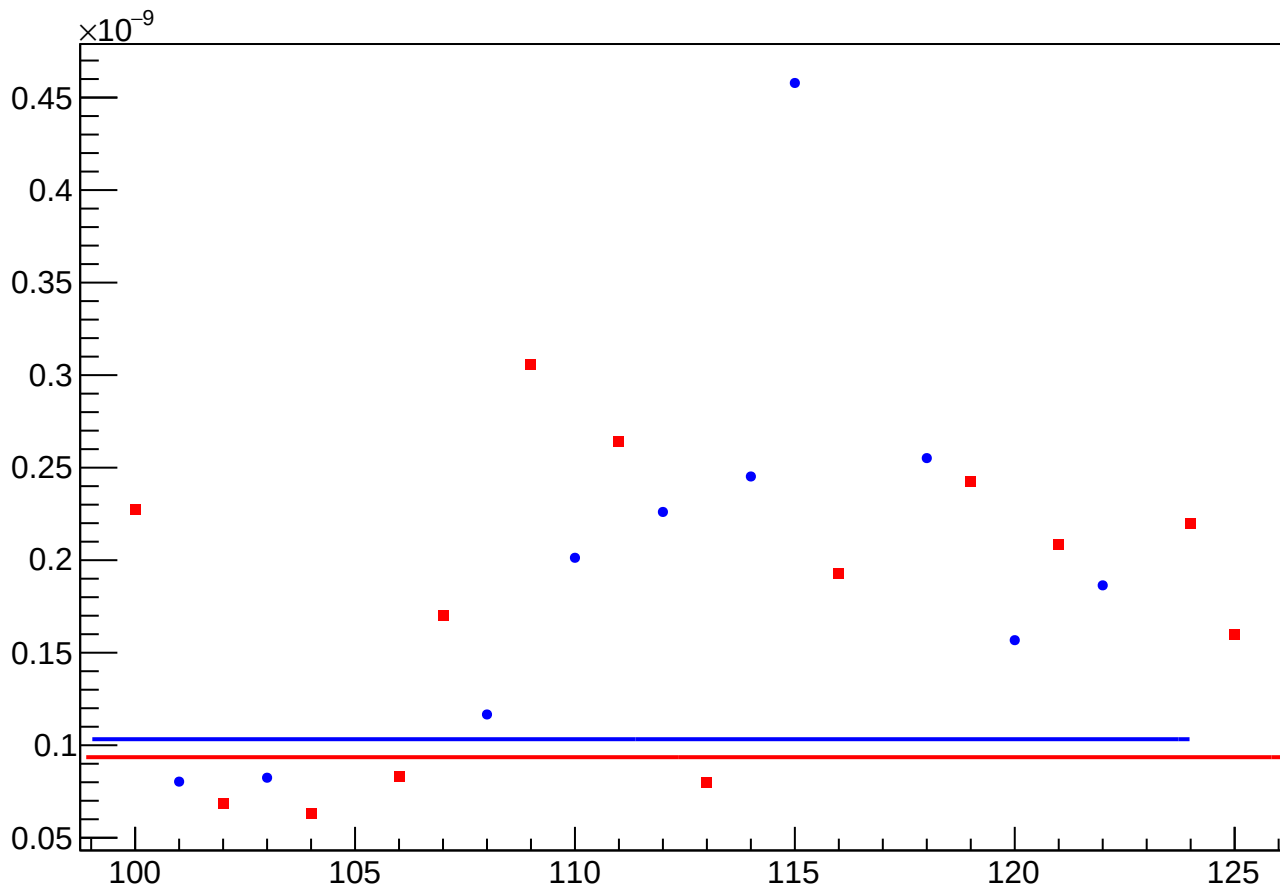
Right: -0.000+/-0.000 χ^2/NDF : 27.5/22

In: -0.000+/-0.000 χ^2/NDF :10.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.5/22

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 : 1052588.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

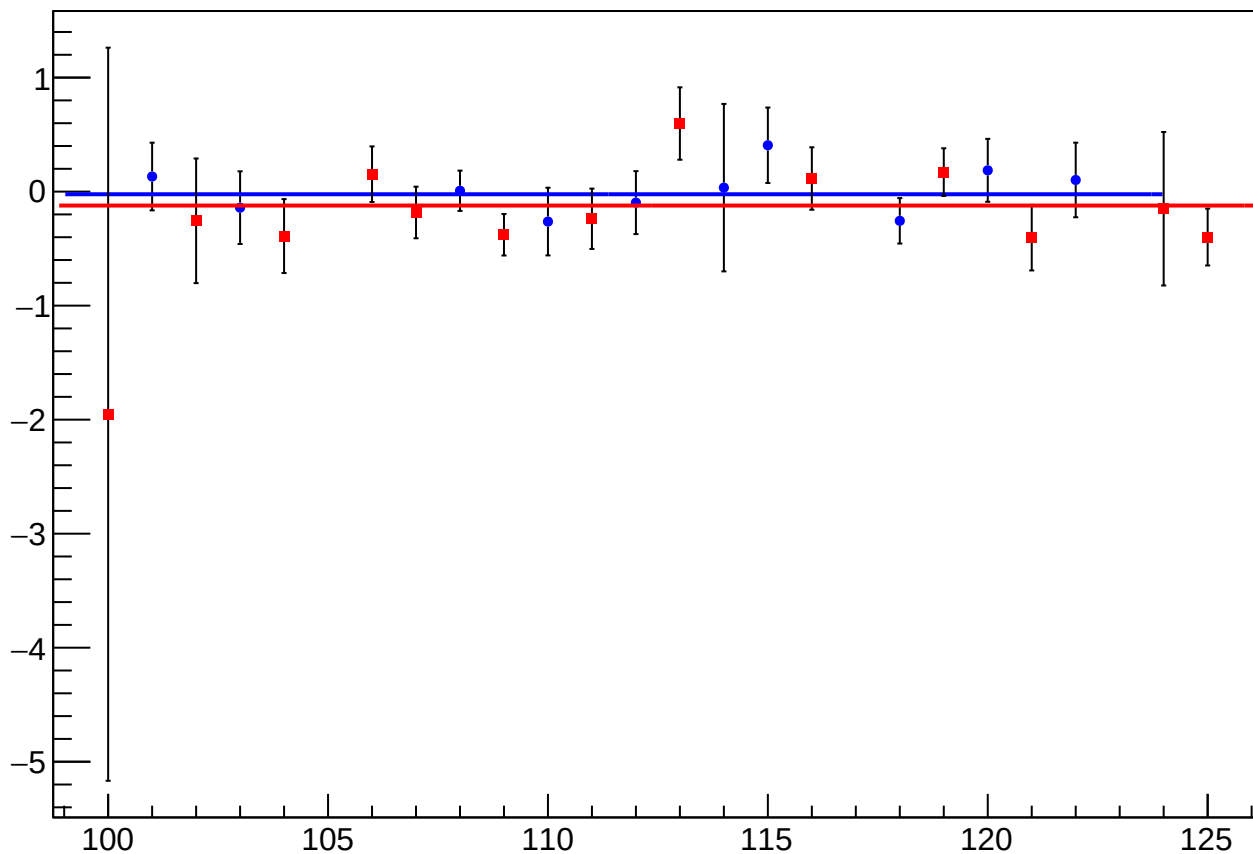
Right: 0.000+/-0.000 χ^2/NDF : 1663188.0/22

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 : 1663188.0/22

asym_atr_dd_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: -0.122+/-0.077 χ^2 /NDF: 14.6/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

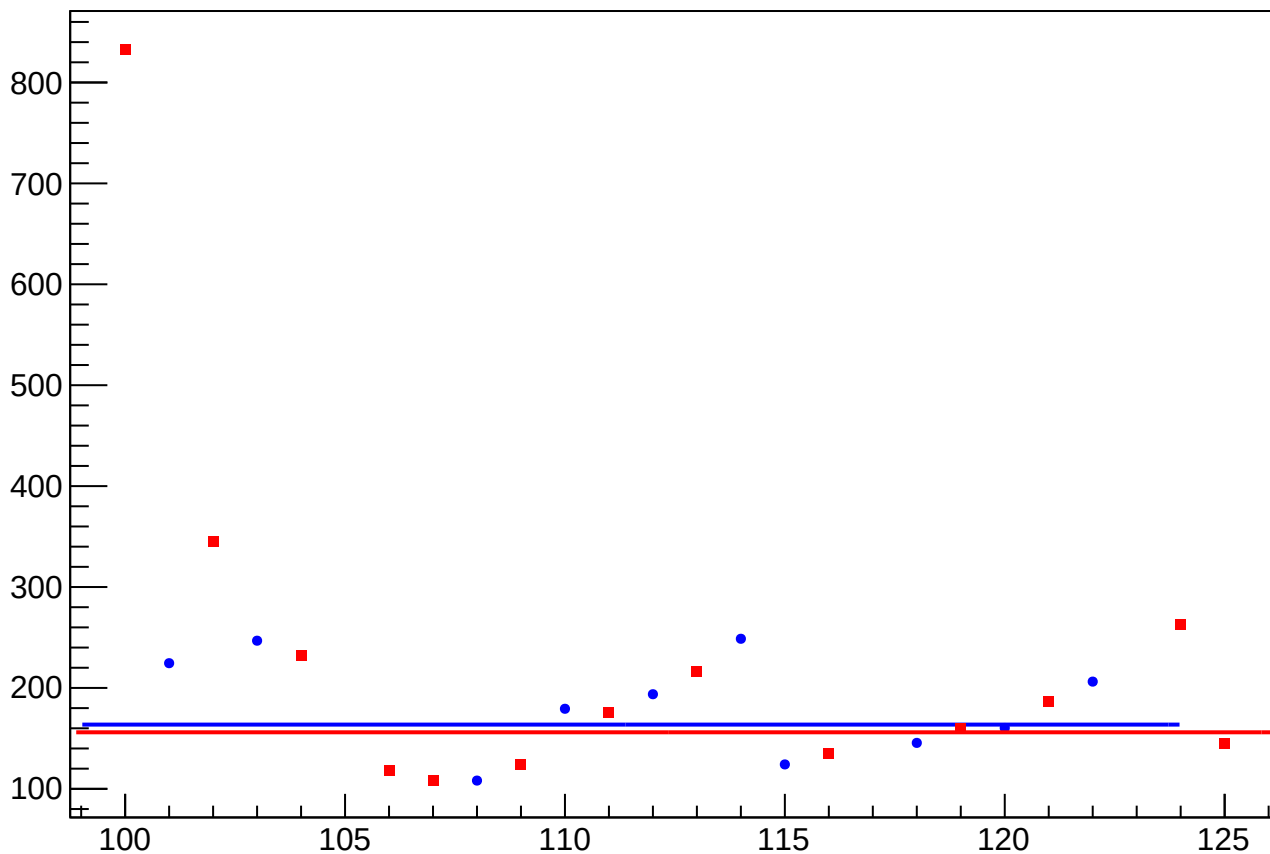
Right: -0.078+/-0.057 χ^2 /NDF: 20.3/22

In: -0.023+/-0.086 χ^2 /NDF:5.0/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.078+/-0.057 χ^2 /NDF: 20.3/22

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: 156.035+/-0.054 χ^2/NDF : 809293.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

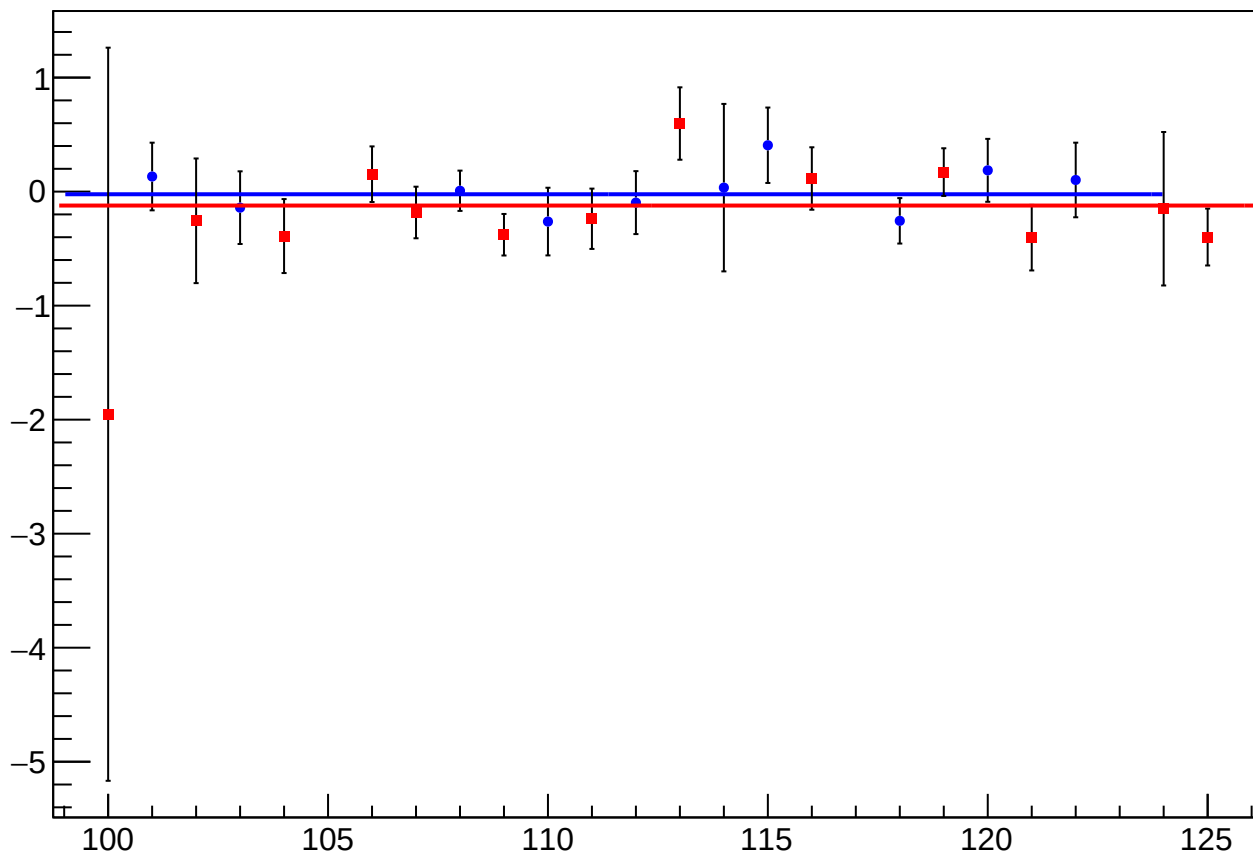
Right: 159.430+/-0.040 χ^2/NDF : 1371046.3/22

In: 163.669+/-0.061 χ^2/NDF : 552925.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.430+/-0.040 χ^2/NDF : 1371046.3/22

asym_atr_dd_dit_vs_eigen_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: -0.122 ± 0.077 $\chi^2/\text{NDF}: 14.6/12$

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

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

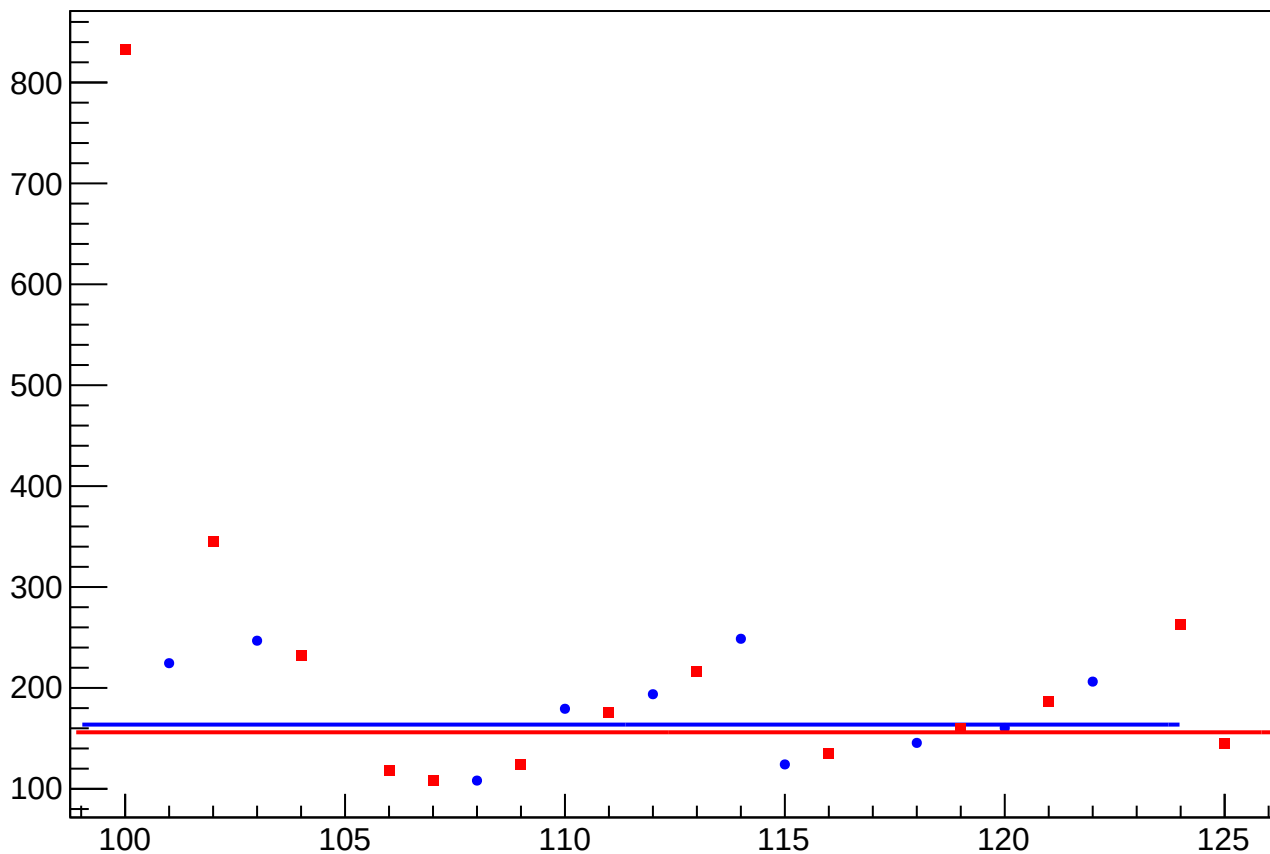
Right: -0.078 ± 0.057 $\chi^2/\text{NDF}: 20.3/22$

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: -0.078 ± 0.057 $\chi^2/\text{NDF}: 20.3/22$

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: 156.035+/-0.054 χ^2/NDF : 809293.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

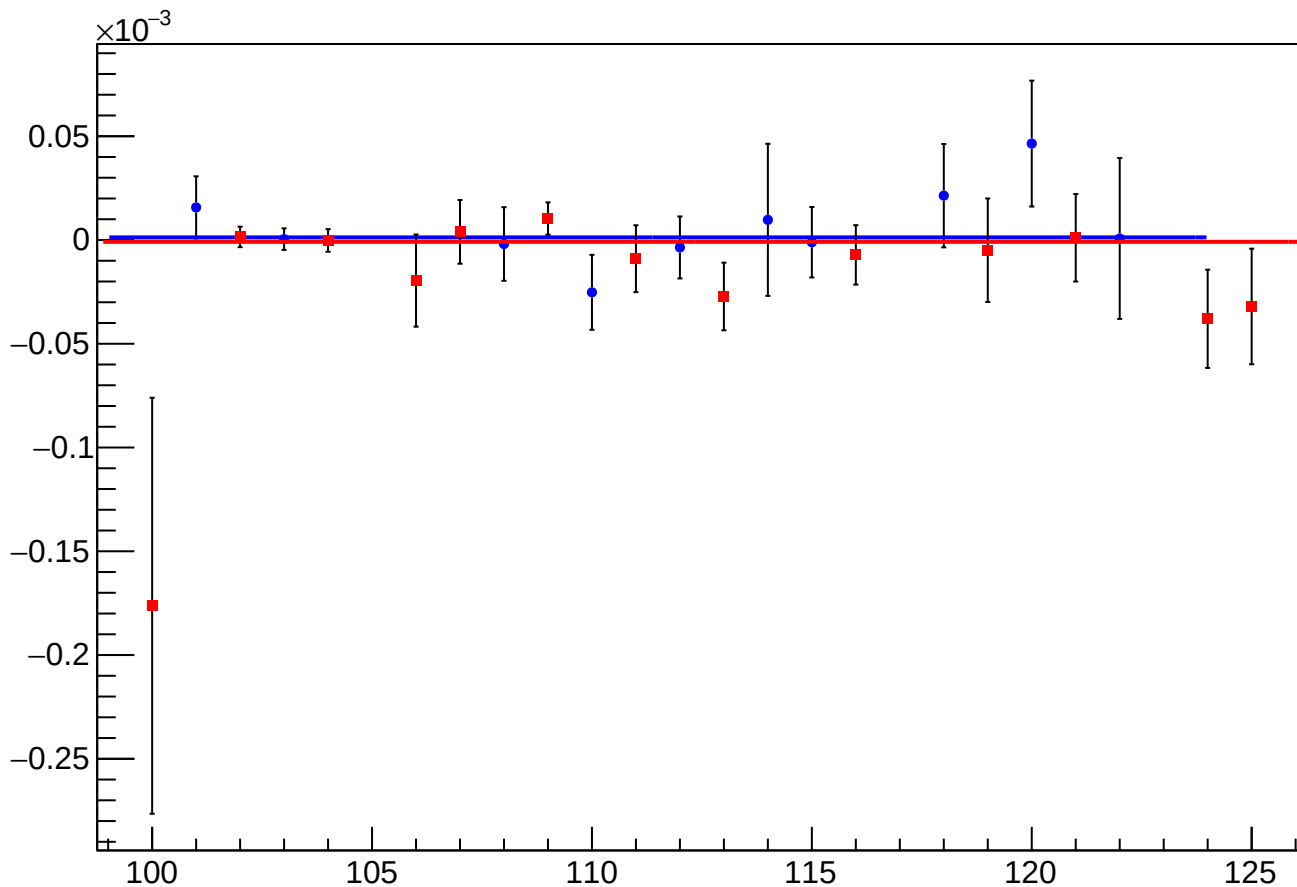
Right: 159.430+/-0.040 χ^2/NDF : 1371046.3/22

In: 163.669+/-0.061 χ^2/NDF : 552925.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.430+/-0.040 χ^2/NDF : 1371046.3/22

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 : 13.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

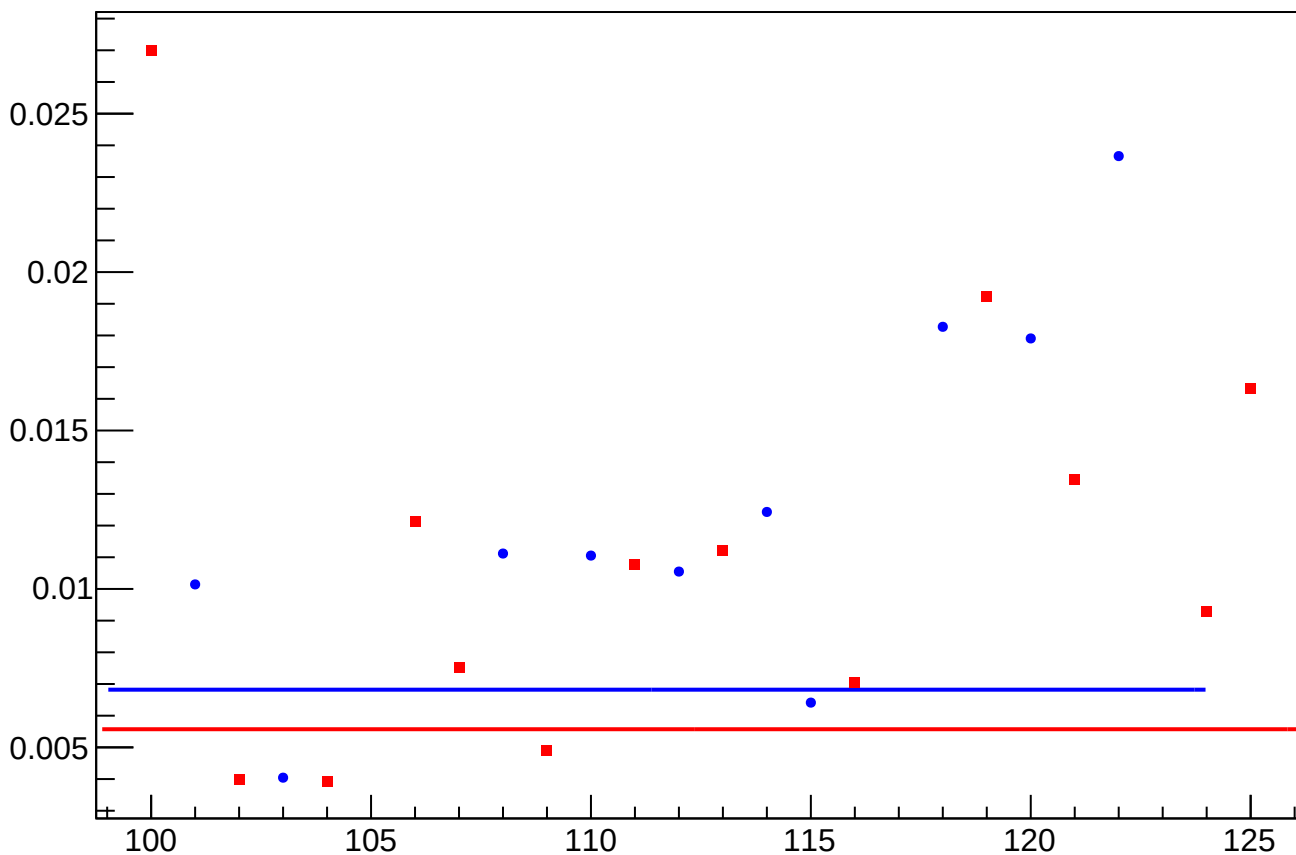
Right: -0.000+/-0.000 χ^2/NDF : 19.4/22

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 : 19.4/22

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: 0.006+/-0.000 χ^2/NDF : 2401376.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

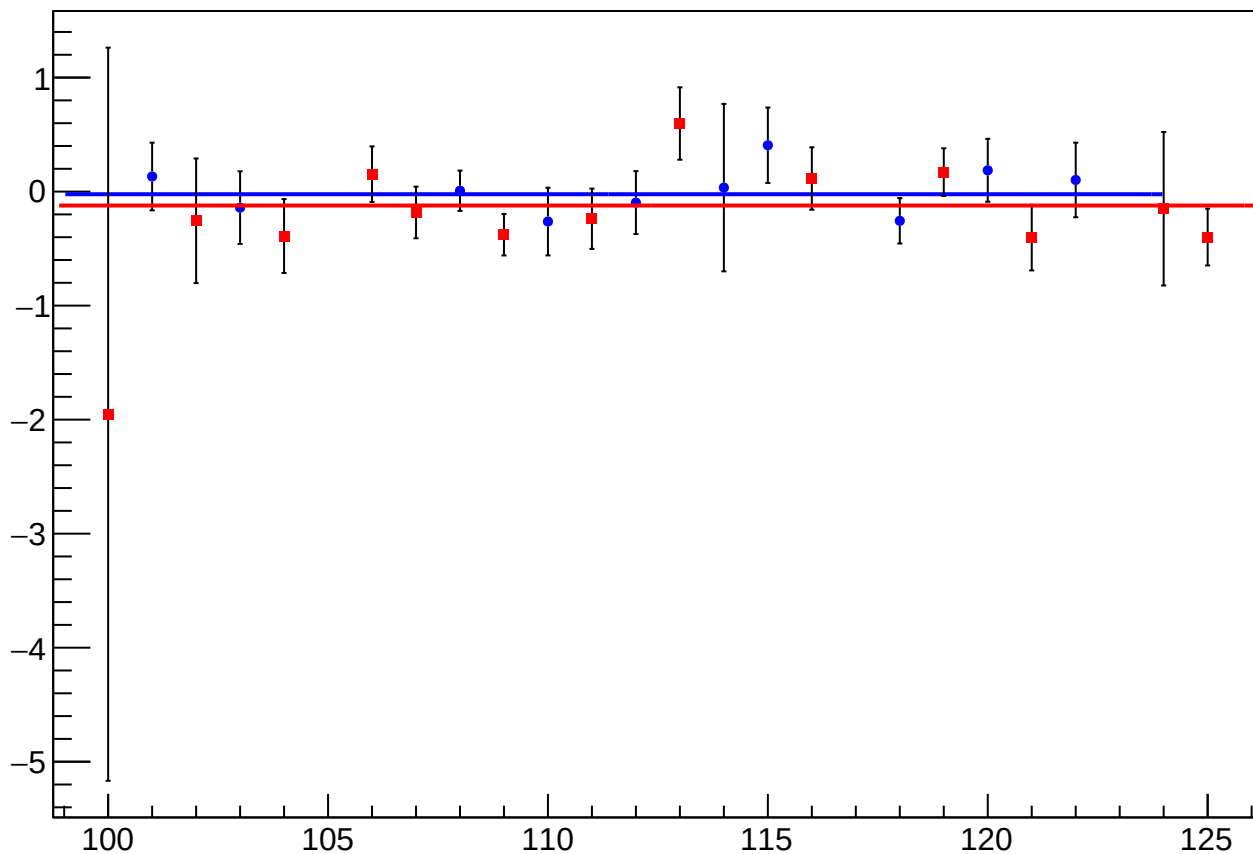
Right: 0.006+/-0.000 χ^2/NDF : 4661179.5/22

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 : 4661179.5/22

asym_atr_dd_eigen_dit_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: -0.122+/-0.077 χ^2/NDF : 14.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

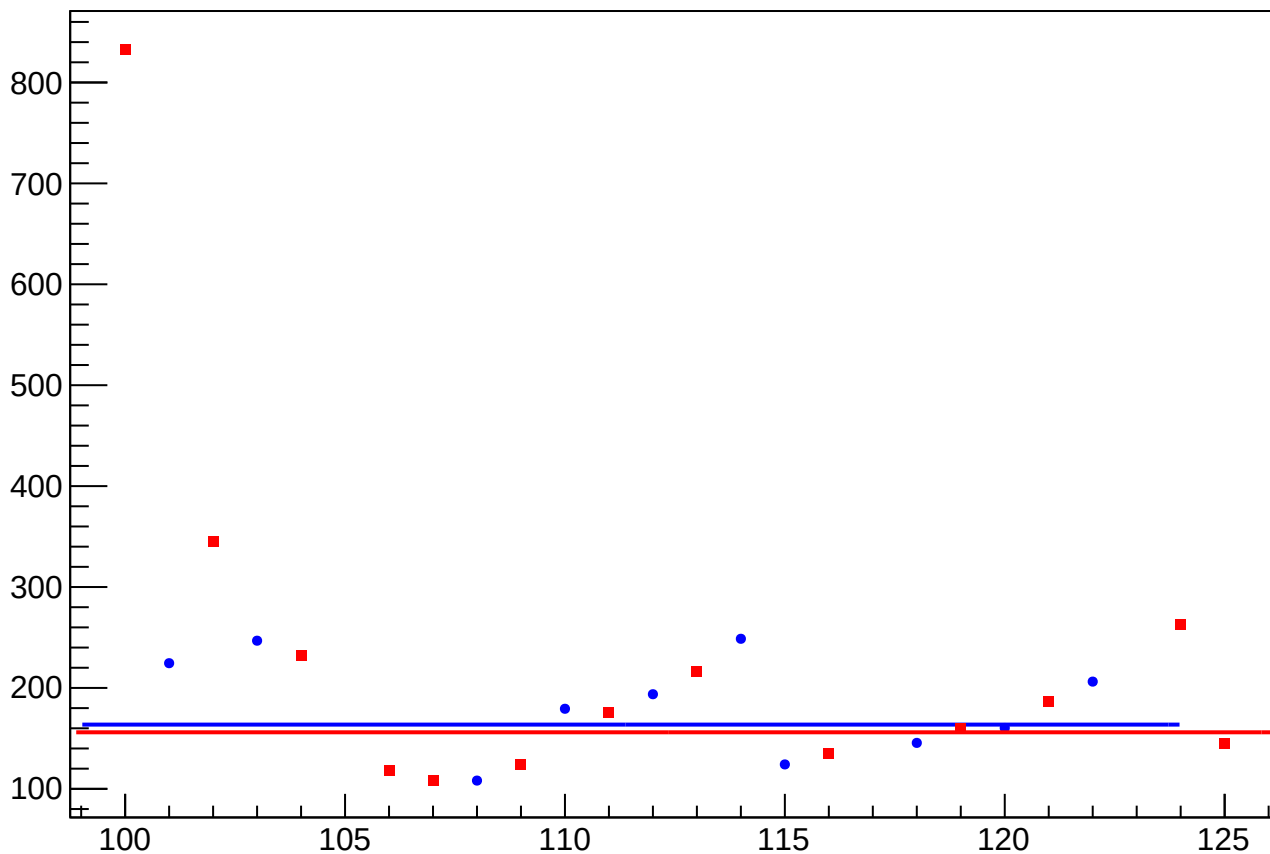
Right: -0.078+/-0.057 χ^2/NDF : 20.3/22

In: -0.023+/-0.086 χ^2/NDF :5.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.078+/-0.057 χ^2/NDF : 20.3/22

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: 156.035+/-0.054 χ^2/NDF : 809294.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

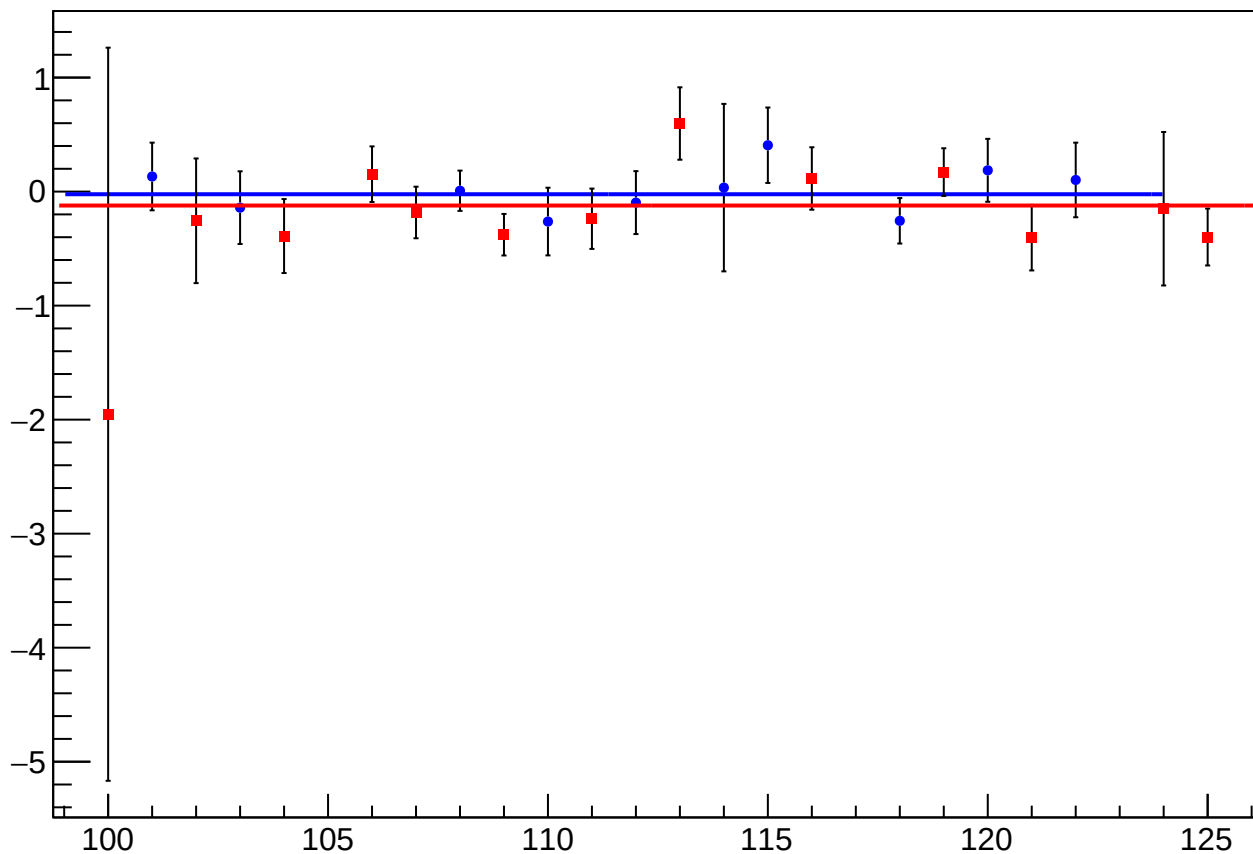
Right: 159.429+/-0.040 χ^2/NDF : 1371093.1/22

In: 163.666+/-0.061 χ^2/NDF : 552978.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.429+/-0.040 χ^2/NDF : 1371093.1/22

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: -0.122+/-0.077 χ^2 /NDF: 14.6/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

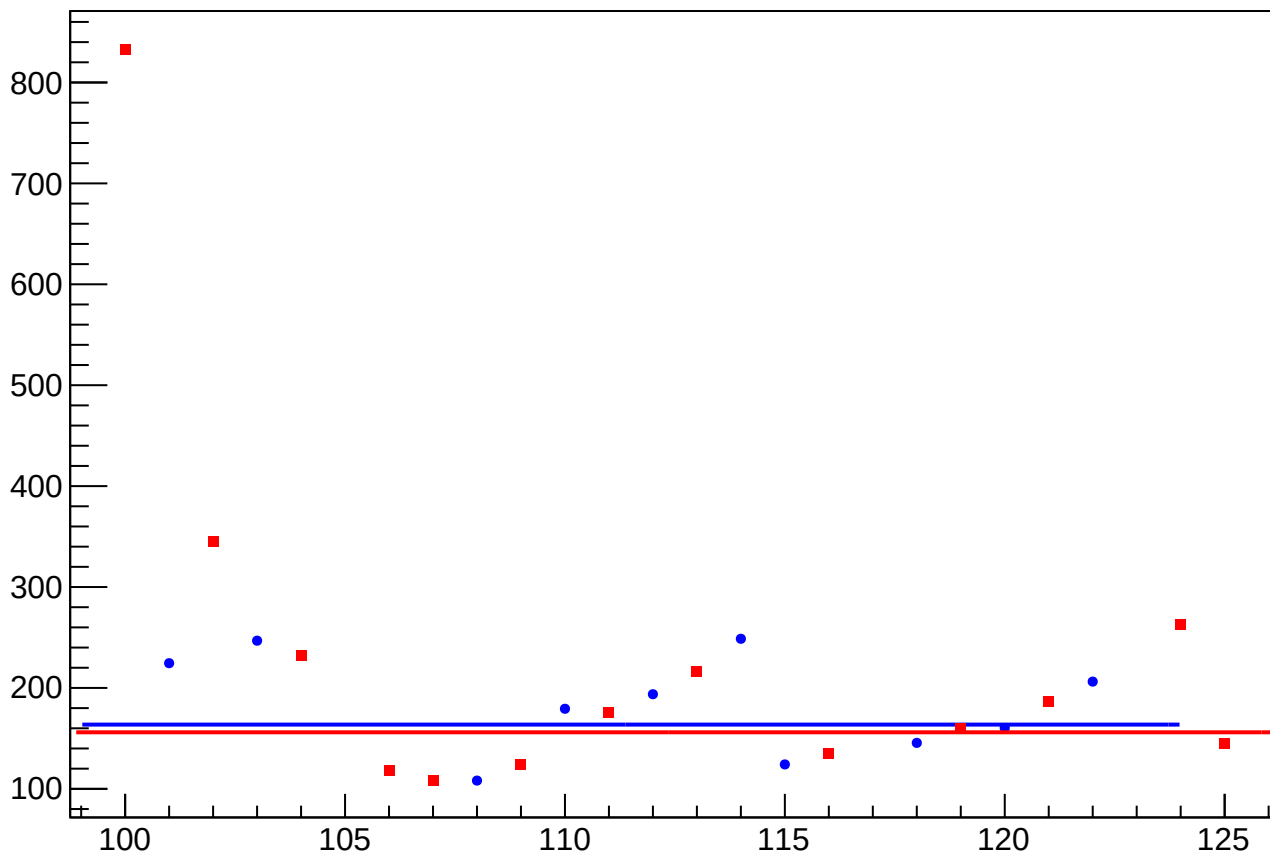
Right: -0.078+/-0.057 χ^2 /NDF: 20.3/22

In: -0.023+/-0.086 χ^2 /NDF:5.0/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.078+/-0.057 χ^2 /NDF: 20.3/22

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: 156.035+/-0.054 χ^2/NDF : 809294.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

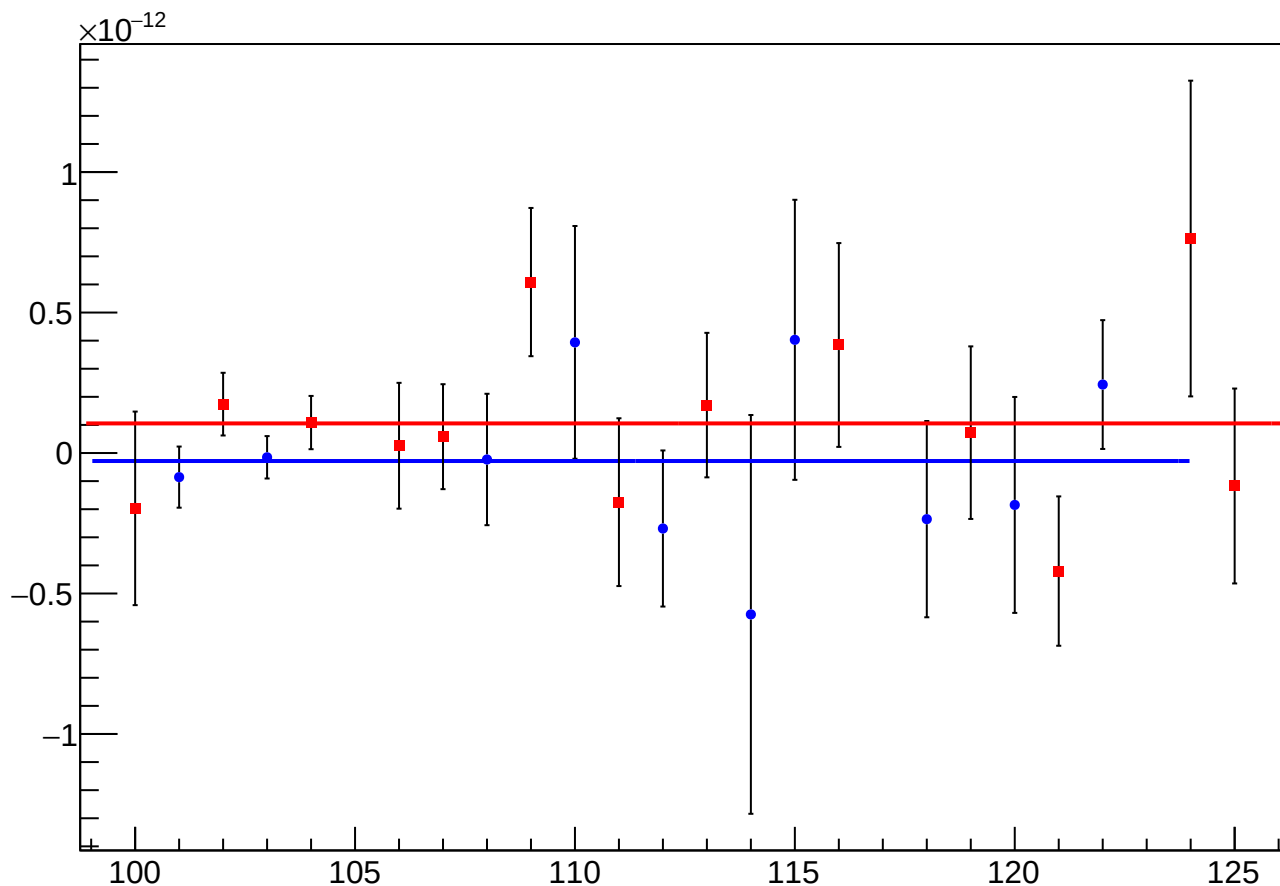
Right: 159.429+/-0.040 χ^2/NDF : 1371093.1/22

In: 163.666+/-0.061 χ^2/NDF :552978.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 159.429+/-0.040 χ^2/NDF : 1371093.1/22

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 : 12.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

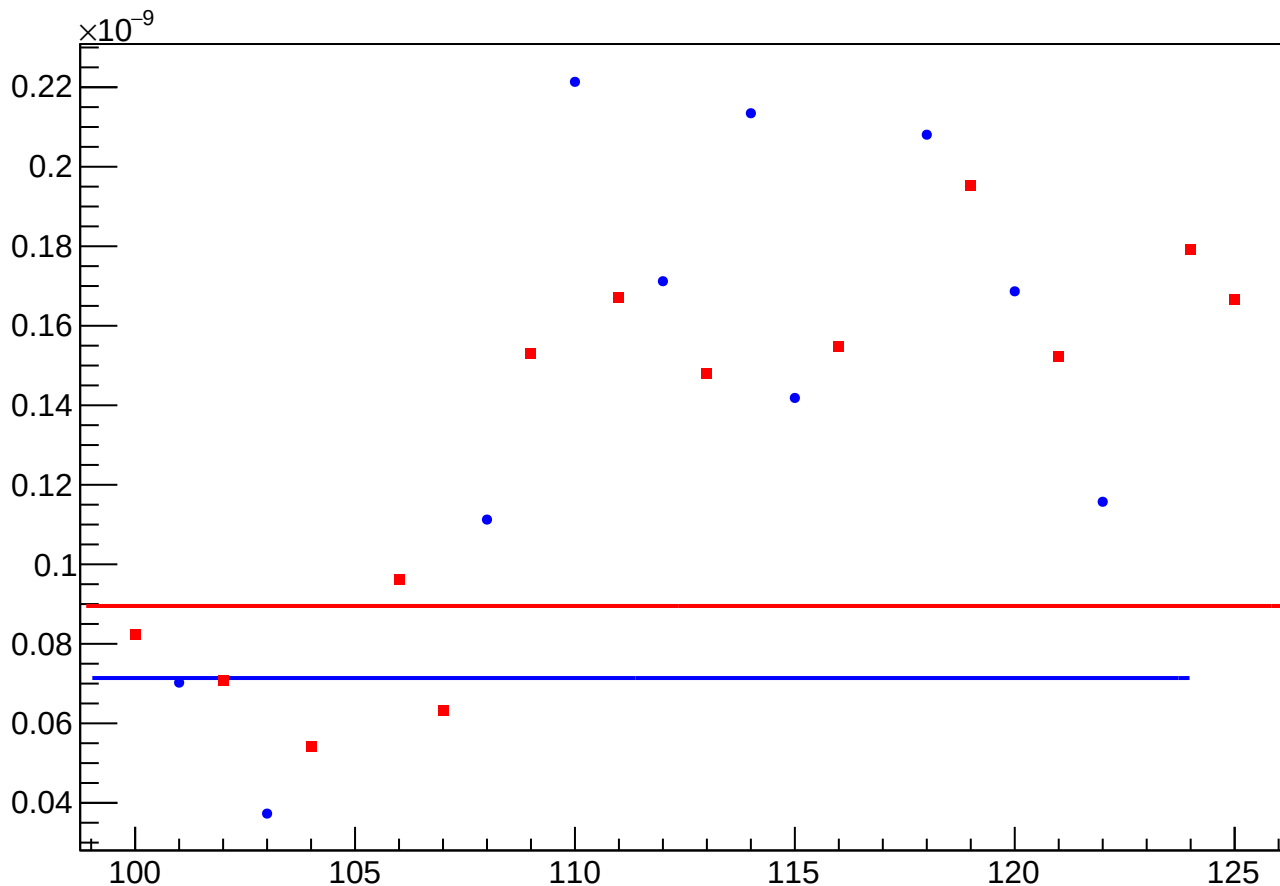
Right: 0.000+/-0.000 χ^2/NDF : 20.6/22

In: -0.000+/-0.000 χ^2/NDF : 5.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.6/22

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 : 1292220.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

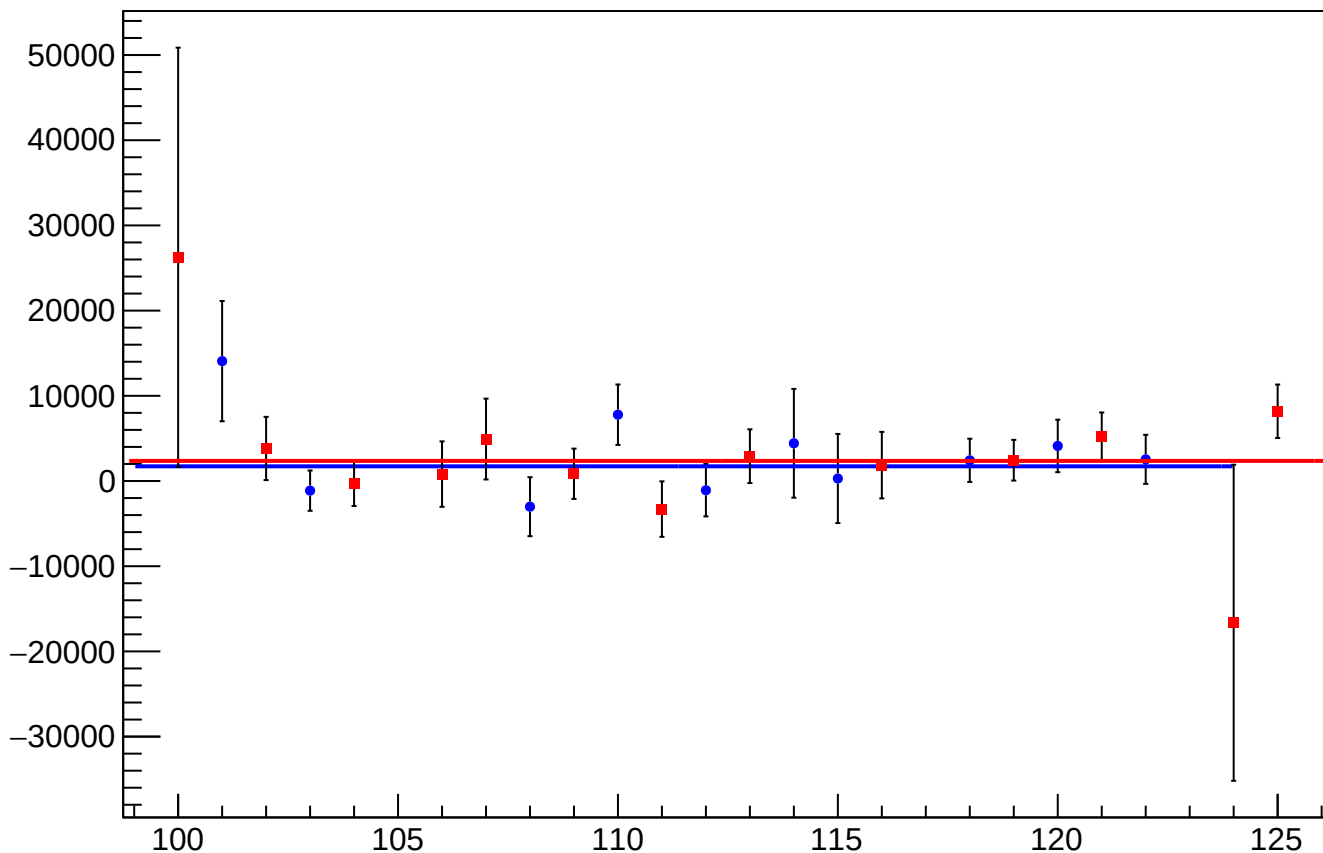
Right: 0.000+/-0.000 χ^2/NDF : 3018477.5/22

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 : 3018477.5/22

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: 2361.742+/-946.399 χ^2/NDF : 11.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

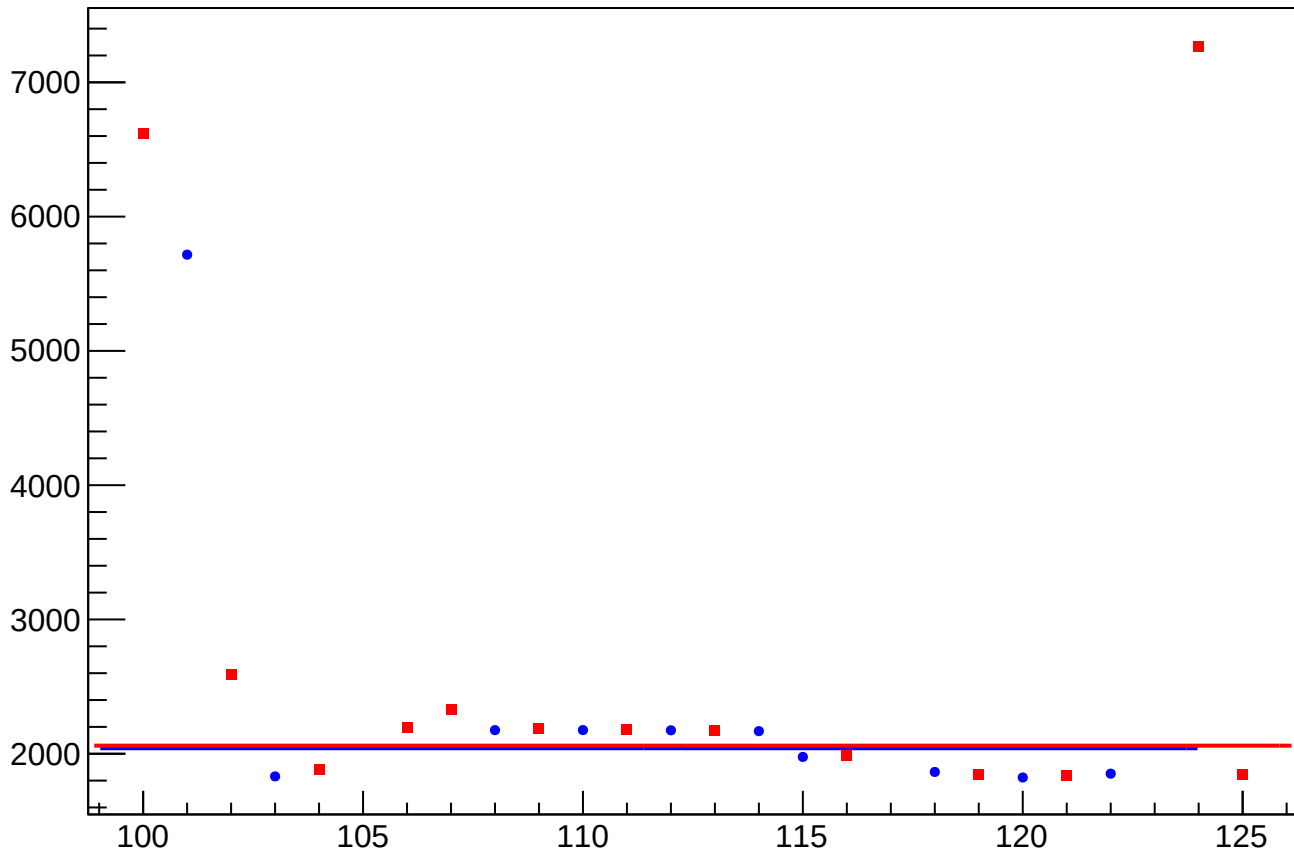
Right: 2074.941+/-702.377 χ^2/NDF : 22.9/22

In: 1723.275+/-1047.972 χ^2/NDF : 11.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2074.941+/-702.377 χ^2/NDF : 22.9/22

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: 2060.202+/-0.669 χ^2/NDF : 333664.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

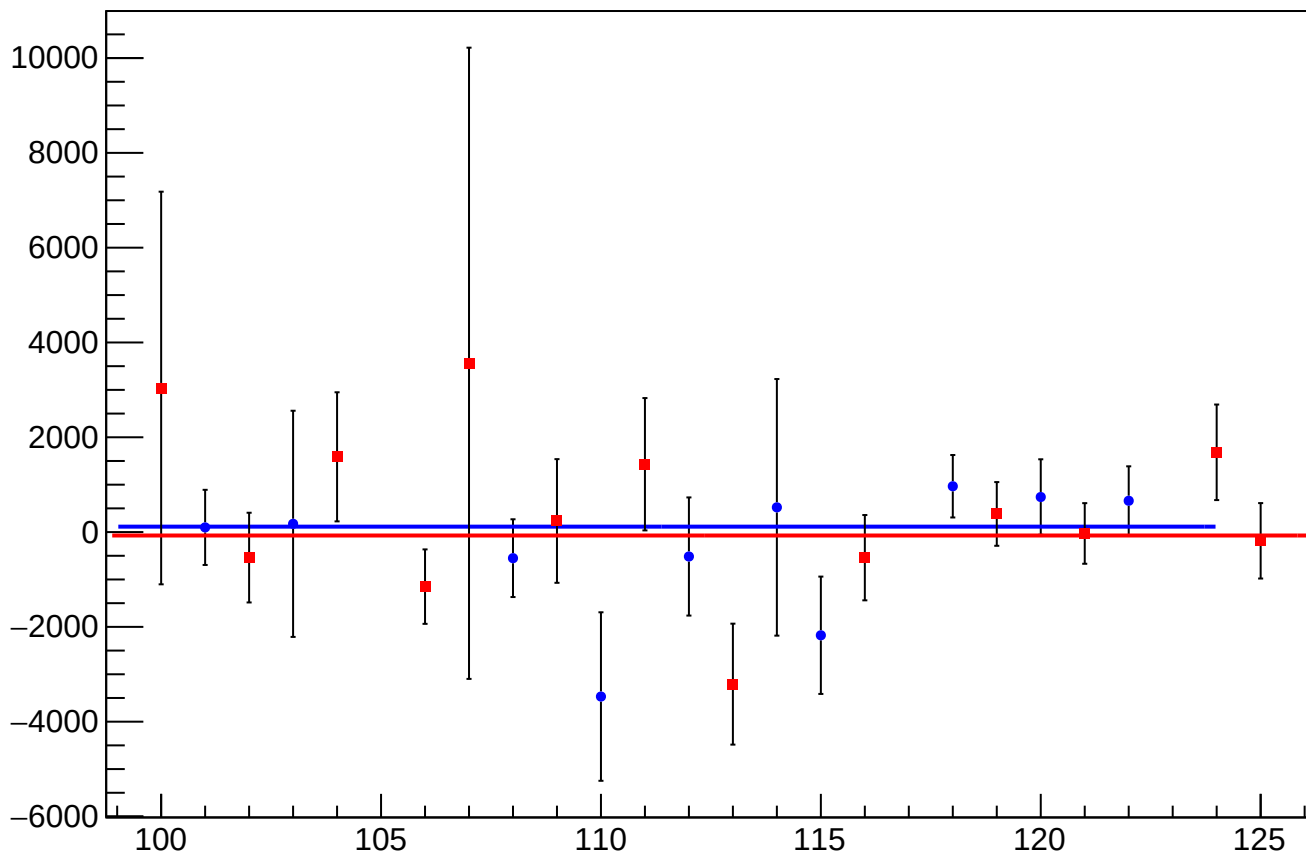
Right: 2051.521+/-0.497 χ^2/NDF : 931112.8/22

In: 2040.876+/-0.741 χ^2/NDF : 597073.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2051.521+/-0.497 χ^2/NDF : 931112.8/22

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: -72.319+/-271.849 χ^2/NDF : 15.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

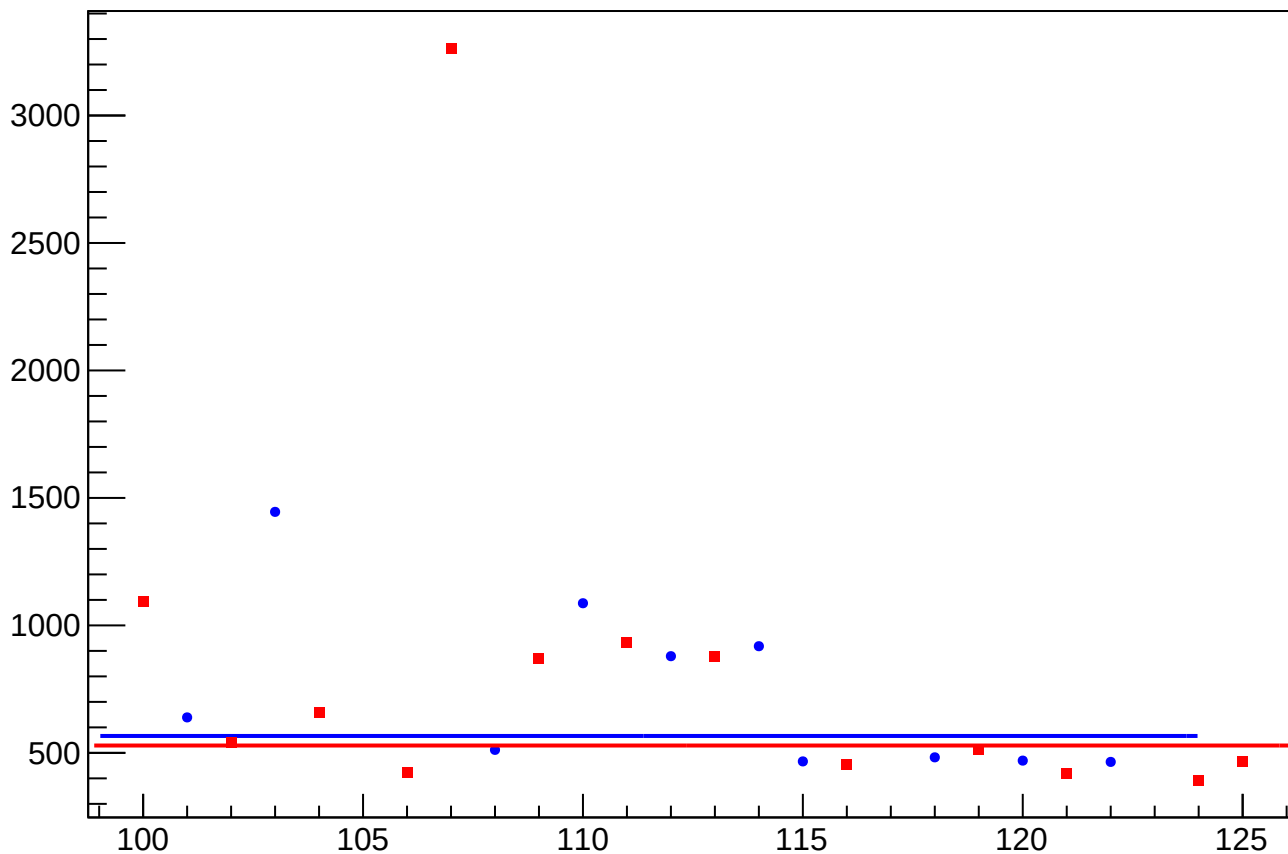
Right: 10.564+/-202.822 χ^2/NDF : 27.0/22

In: 114.625+/-304.607 χ^2/NDF : 11.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.564+/-202.822 χ^2/NDF : 27.0/22

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: 528.862+/-0.192 χ^2/NDF : 1006124.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

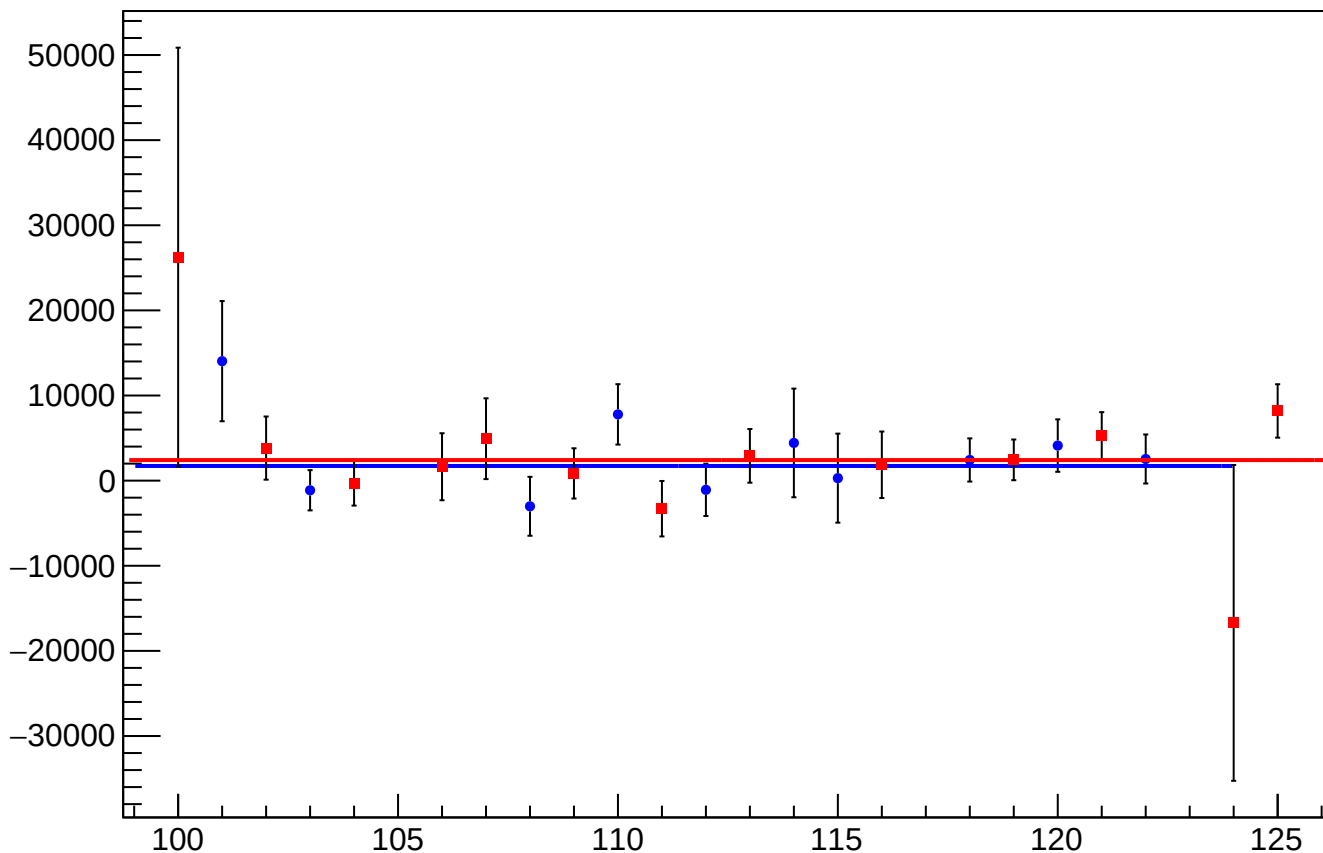
Right: 545.485+/-0.143 χ^2/NDF : 1765740.6/22

In: 566.356+/-0.215 χ^2/NDF : 742749.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 545.485+/-0.143 χ^2/NDF : 1765740.6/22

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: 2414.293+/-947.776 χ^2 /NDF: 11.4/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

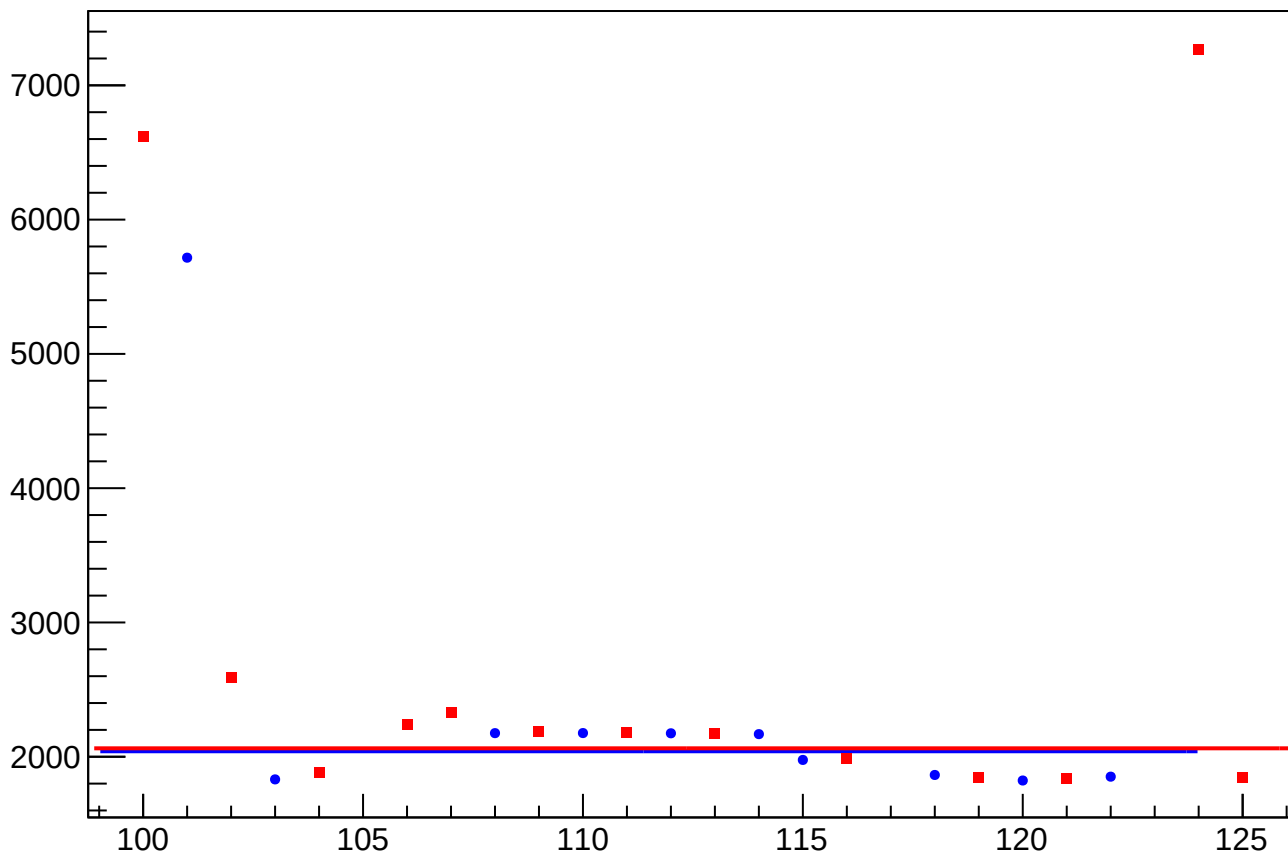
Right: 2103.132+/-702.939 χ^2 /NDF: 22.8/22

In: 1722.703+/-1047.972 χ^2 /NDF:11.1/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2103.132+/-702.939 χ^2 /NDF: 22.8/22

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: 2062.761+/-0.670 χ^2/NDF : 335603.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

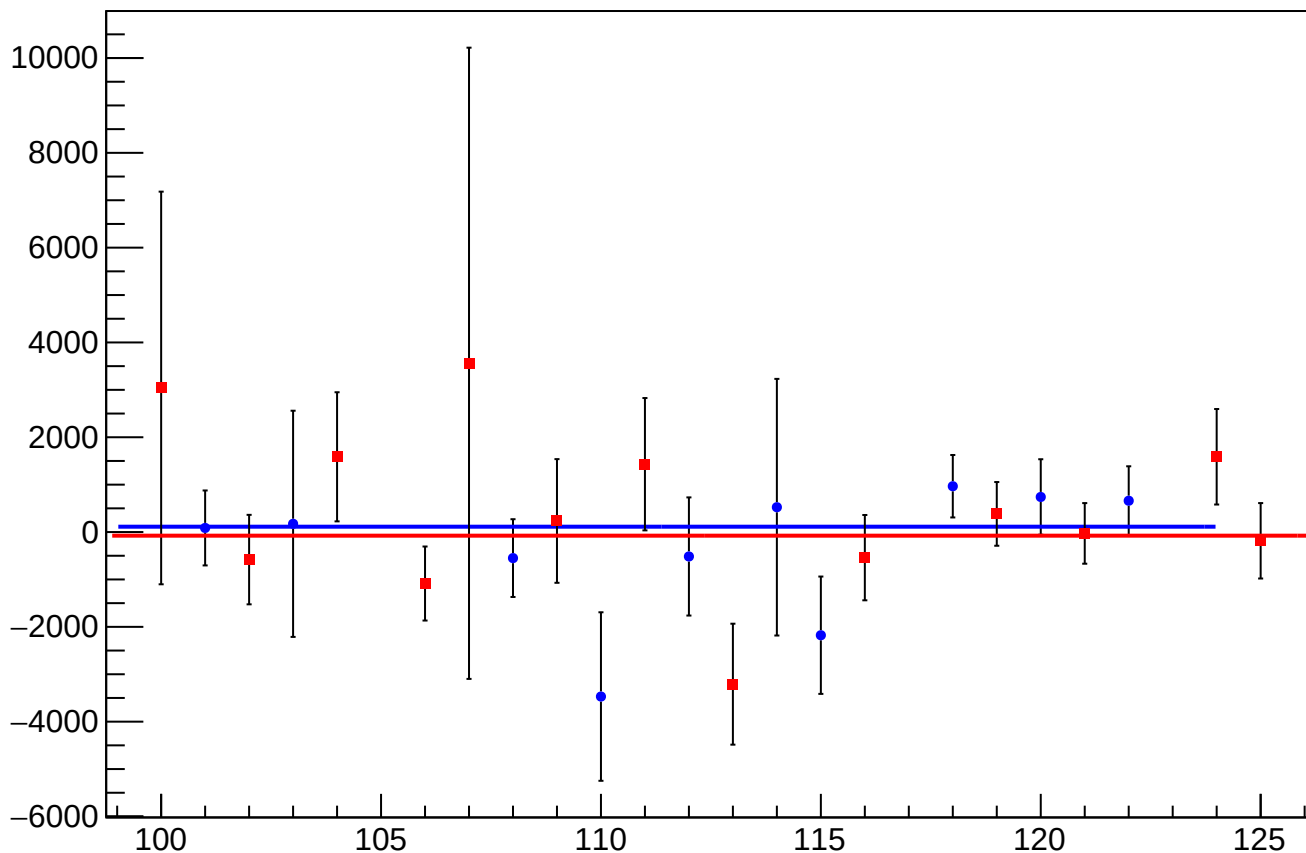
Right: 2052.914+/-0.497 χ^2/NDF : 933157.6/22

In: 2040.876+/-0.741 χ^2/NDF : 597074.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2052.914+/-0.497 χ^2/NDF : 933157.6/22

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: -76.391+/-271.596 χ^2/NDF : 15.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

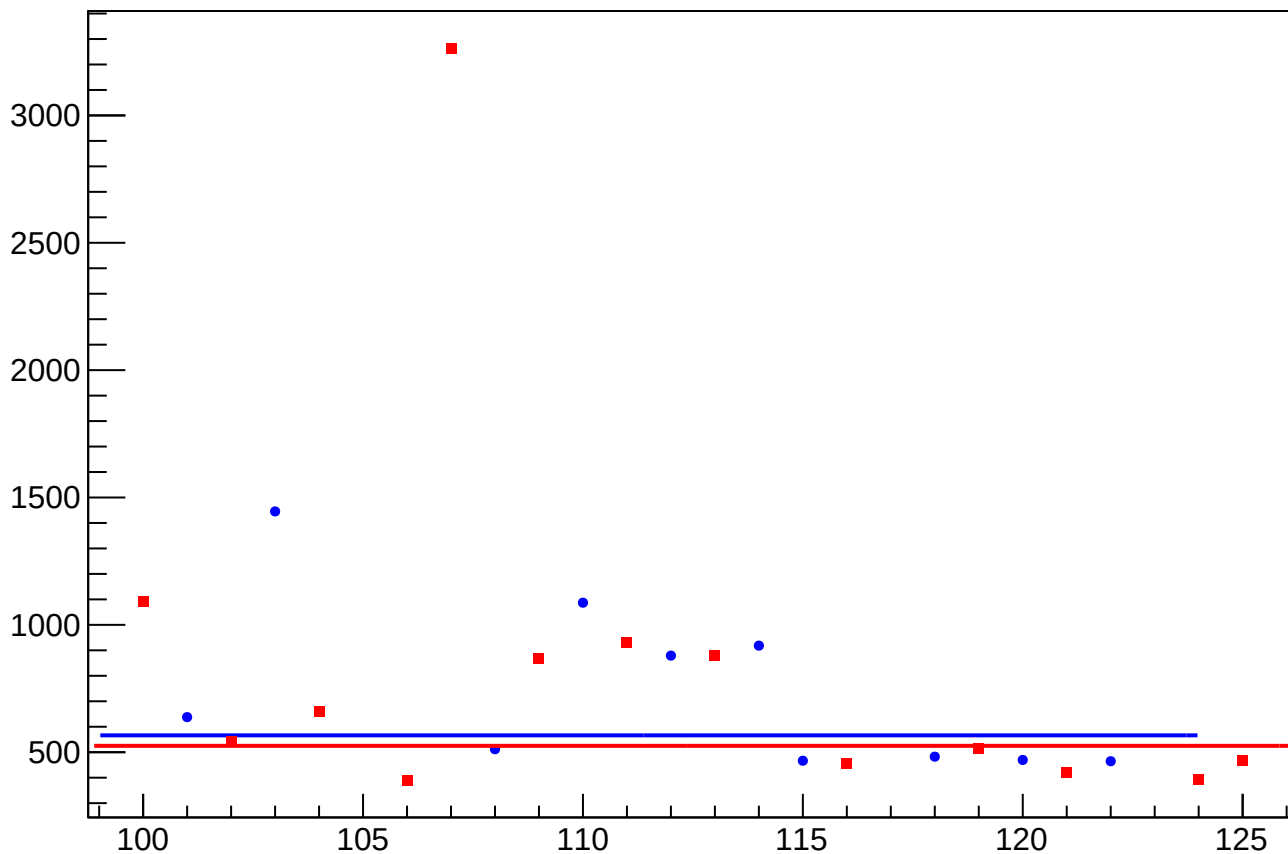
Right: 7.531+/-202.684 χ^2/NDF : 26.6/22

In: 113.015+/-304.494 χ^2/NDF : 11.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.531+/-202.684 χ^2/NDF : 26.6/22

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: 525.009+/-0.192 χ^2/NDF : 1033924.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

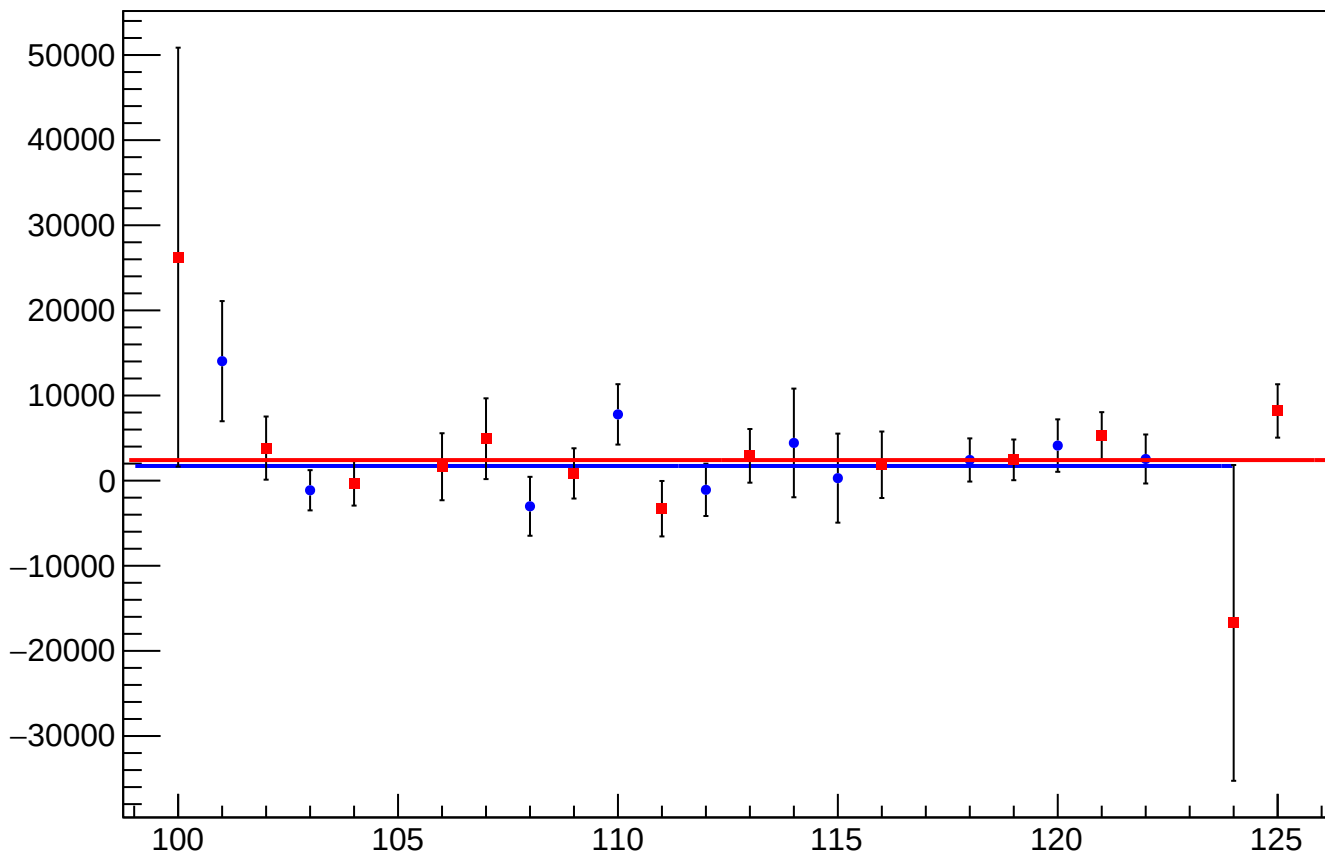
Right: 543.261+/-0.143 χ^2/NDF : 1796478.4/22

In: 566.203+/-0.215 χ^2/NDF : 742168.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 543.261+/-0.143 χ^2/NDF : 1796478.4/22

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: 2414.293+/-947.776 χ^2/NDF : 11.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

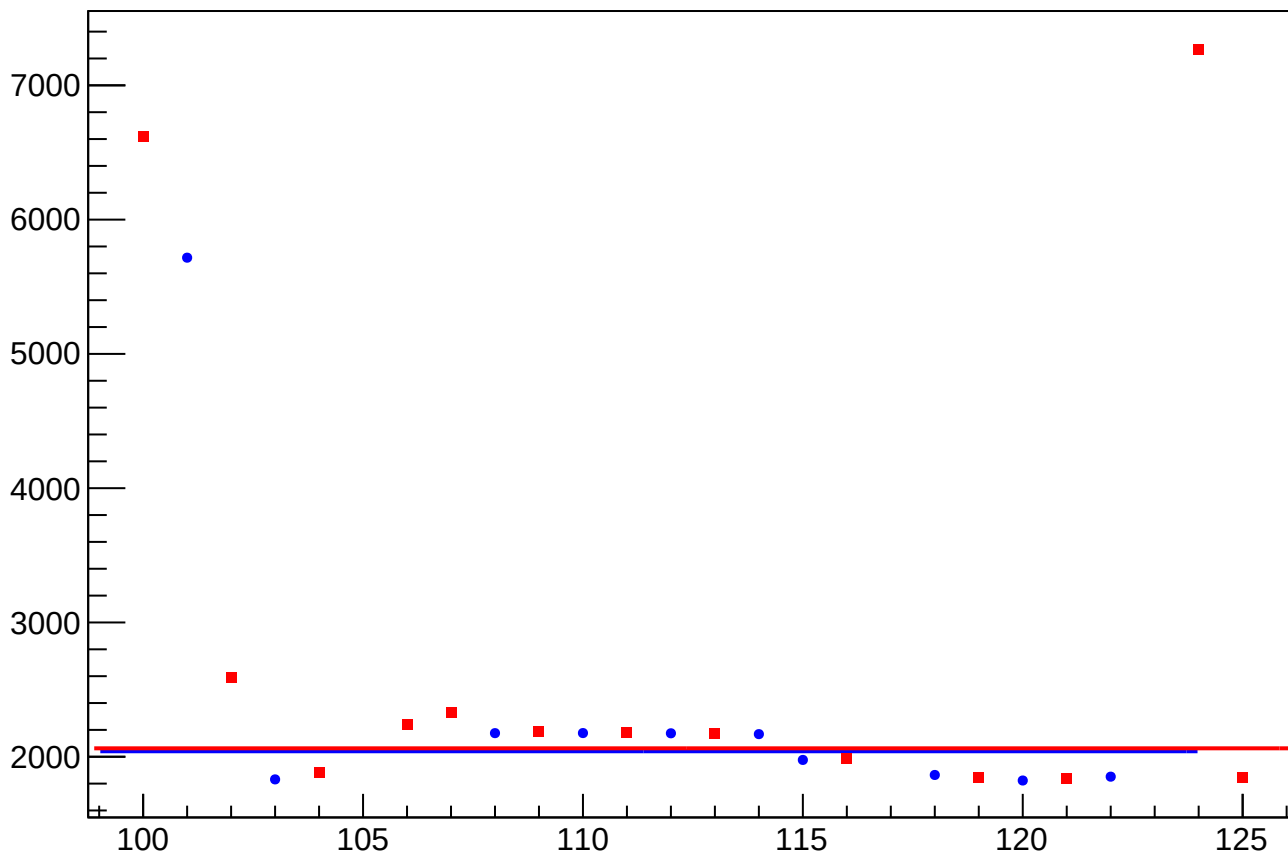
Right: 2103.132+/-702.939 χ^2/NDF : 22.8/22

In: 1722.703+/-1047.972 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2103.132+/-702.939 χ^2/NDF : 22.8/22

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: 2062.761+/-0.670 χ^2/NDF : 335603.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

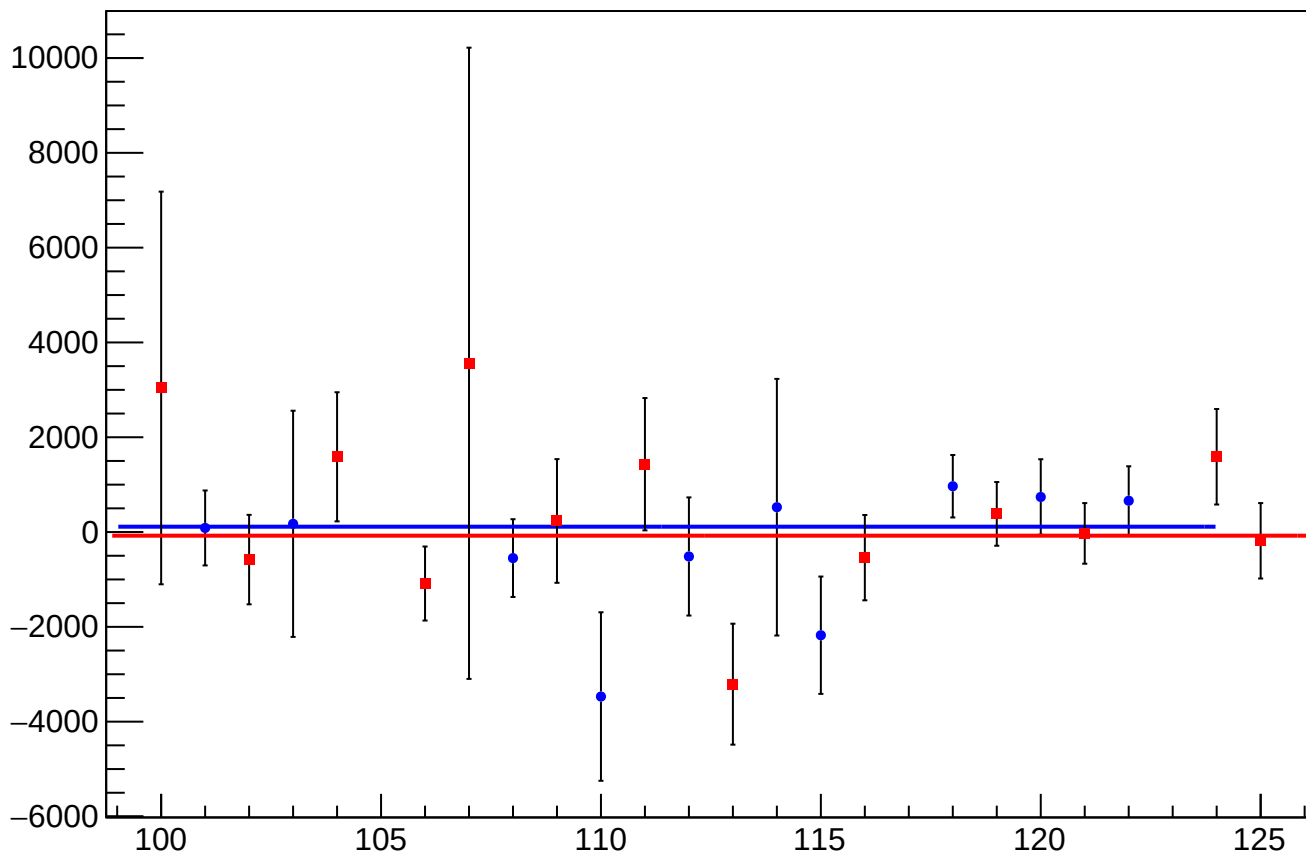
Right: 2052.914+/-0.497 χ^2/NDF : 933157.6/22

In: 2040.876+/-0.741 χ^2/NDF : 597074.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2052.914+/-0.497 χ^2/NDF : 933157.6/22

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: -76.391+/-271.596 χ^2/NDF : 15.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

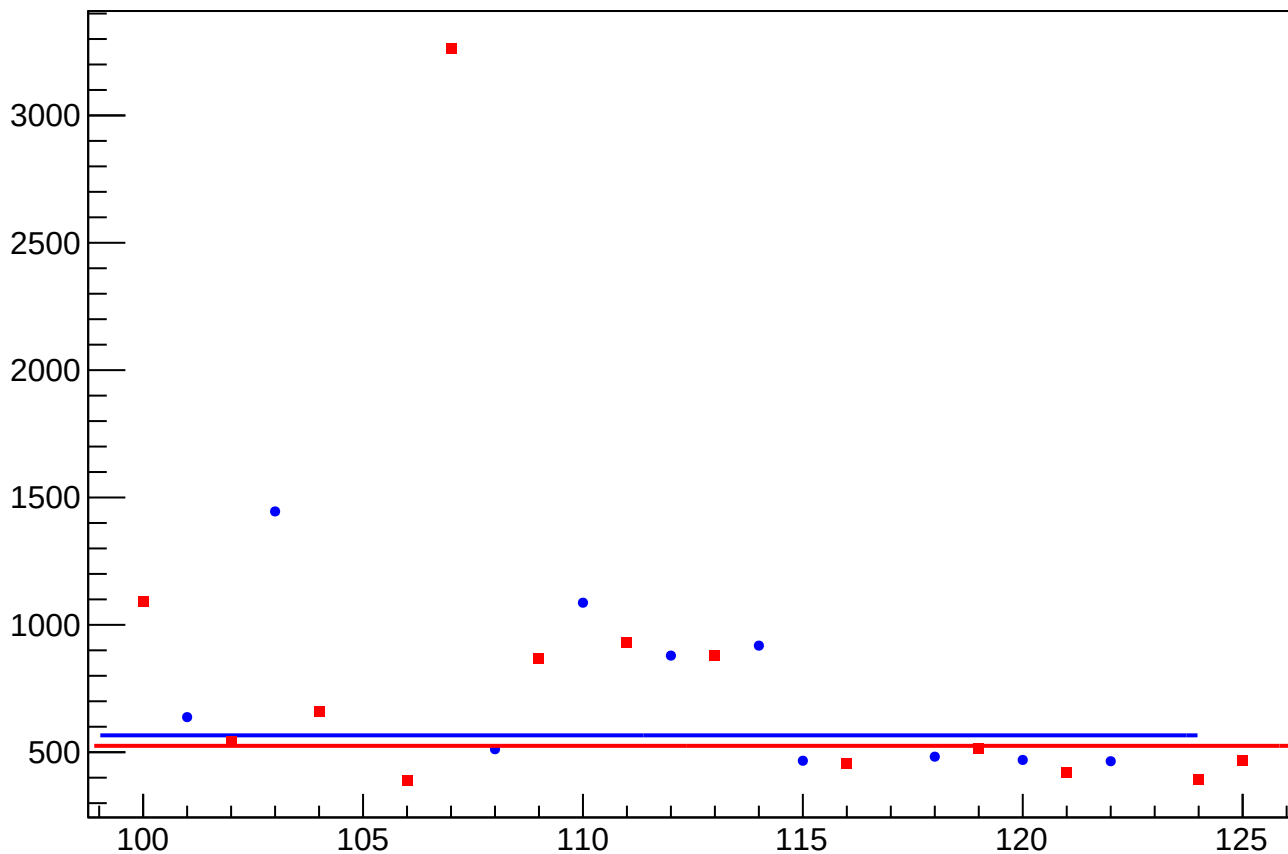
Right: 7.531+/-202.684 χ^2/NDF : 26.6/22

In: 113.015+/-304.494 χ^2/NDF : 11.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.531+/-202.684 χ^2/NDF : 26.6/22

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: 525.009+/-0.192 χ^2/NDF : 1033924.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

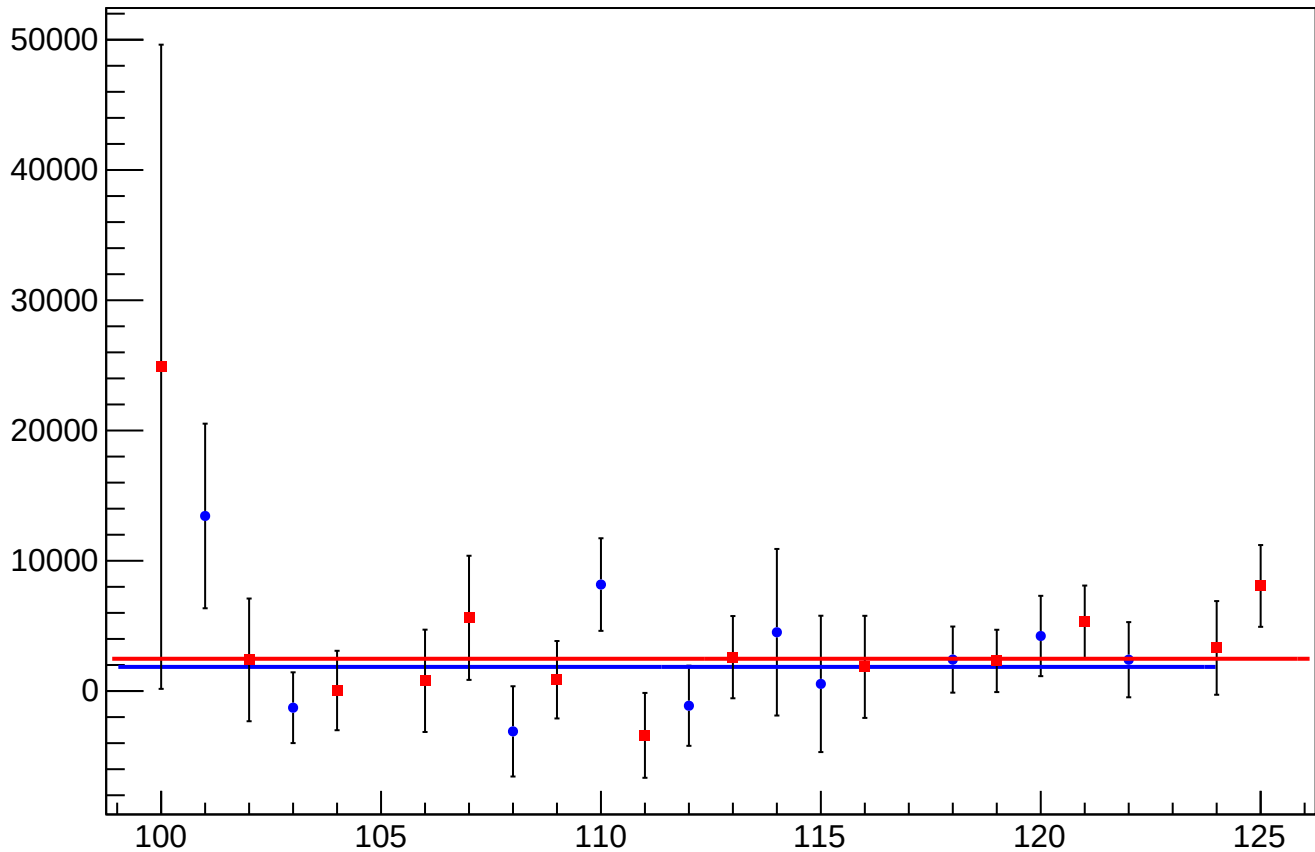
Right: 543.261+/-0.143 χ^2/NDF : 1796478.4/22

In: 566.203+/-0.215 χ^2/NDF : 742168.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 543.261+/-0.143 χ^2/NDF : 1796478.4/22

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: 2478.185+/-945.807 χ^2/NDF : 9.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

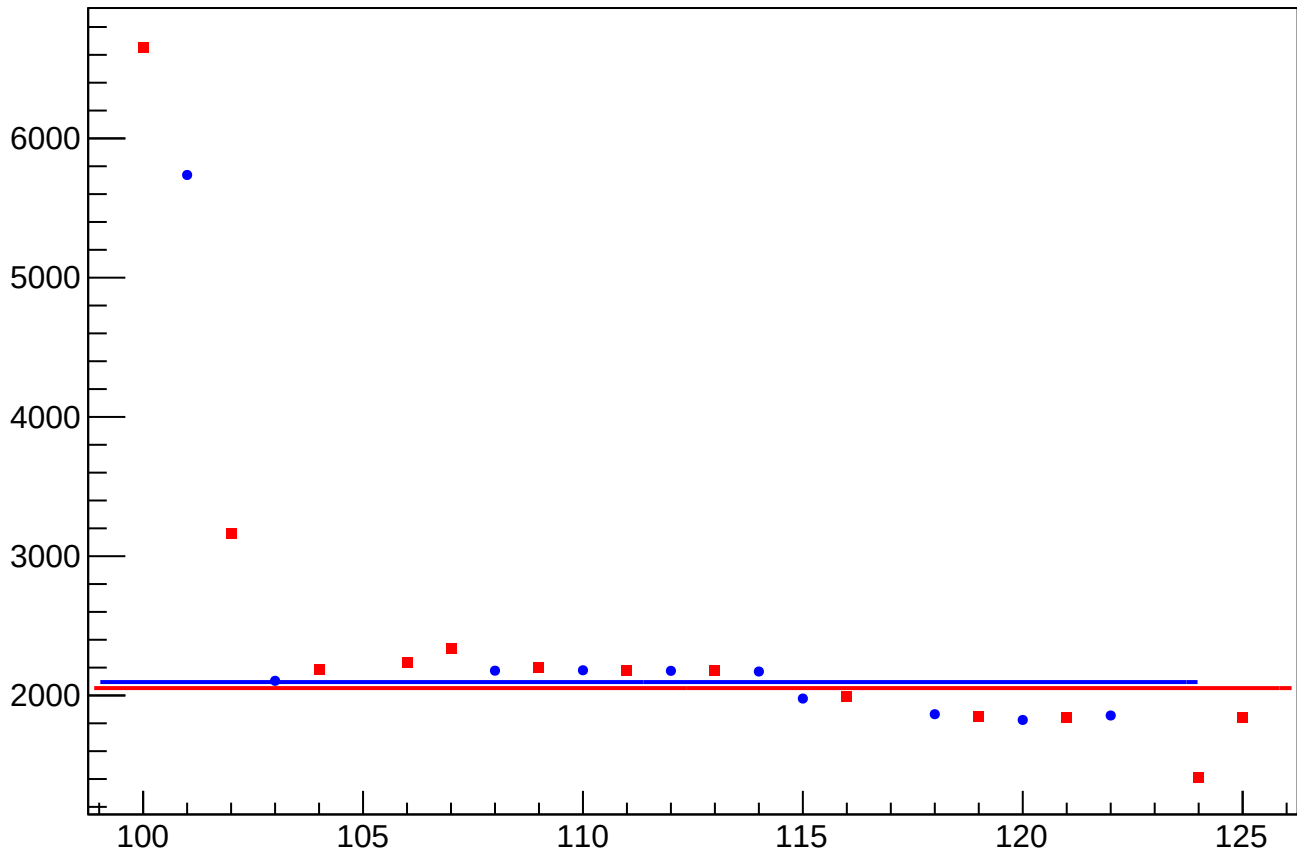
Right: 2205.426+/-710.143 χ^2/NDF : 21.2/22

In: 1852.948+/-1075.172 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2205.426+/-710.143 χ^2/NDF : 21.2/22

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: 2052.935+/-0.669 χ^2/NDF : 306014.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

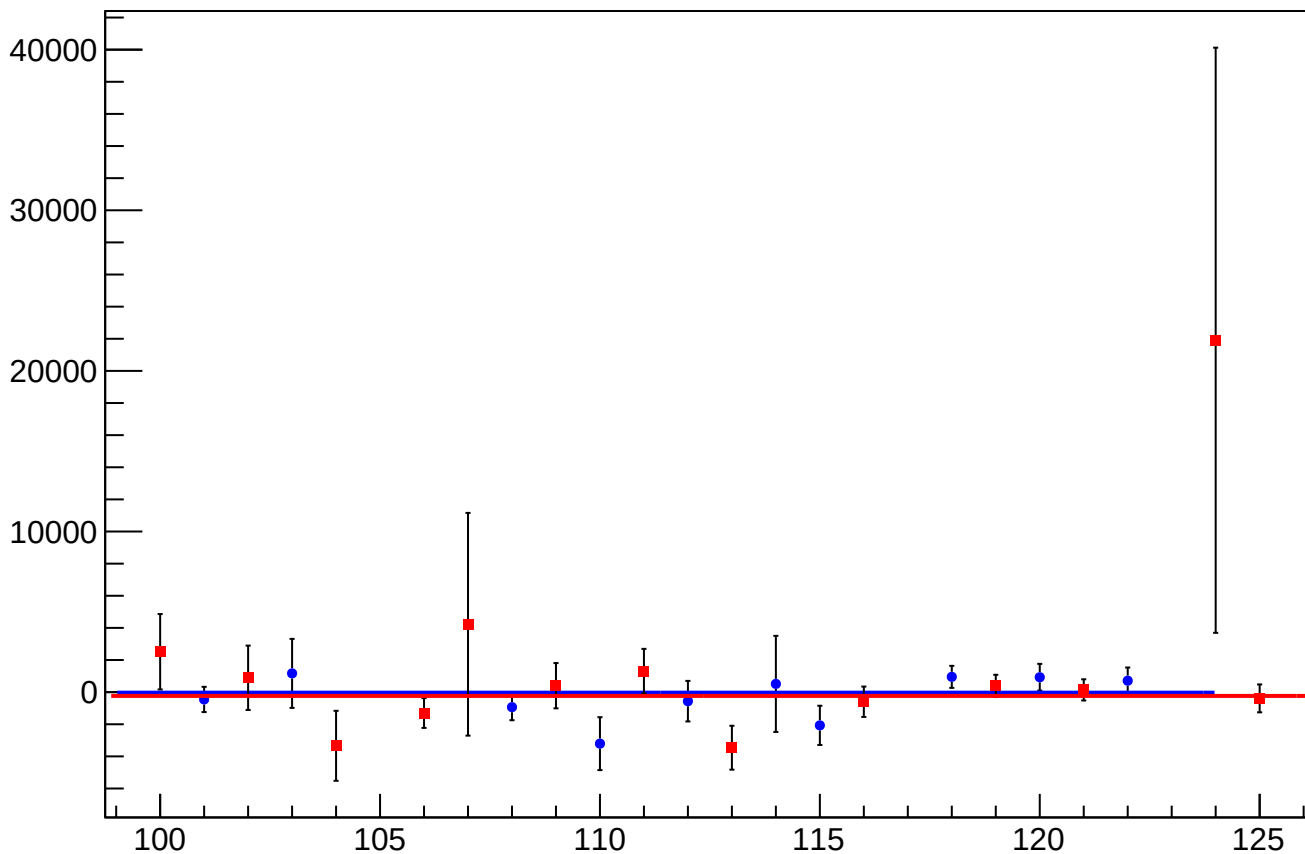
Right: 2071.810+/-0.502 χ^2/NDF : 886863.9/22

In: 2096.202+/-0.760 χ^2/NDF : 579023.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2071.810+/-0.502 χ^2/NDF : 886863.9/22

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: -236.227+/-313.057 χ^2/NDF : 15.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

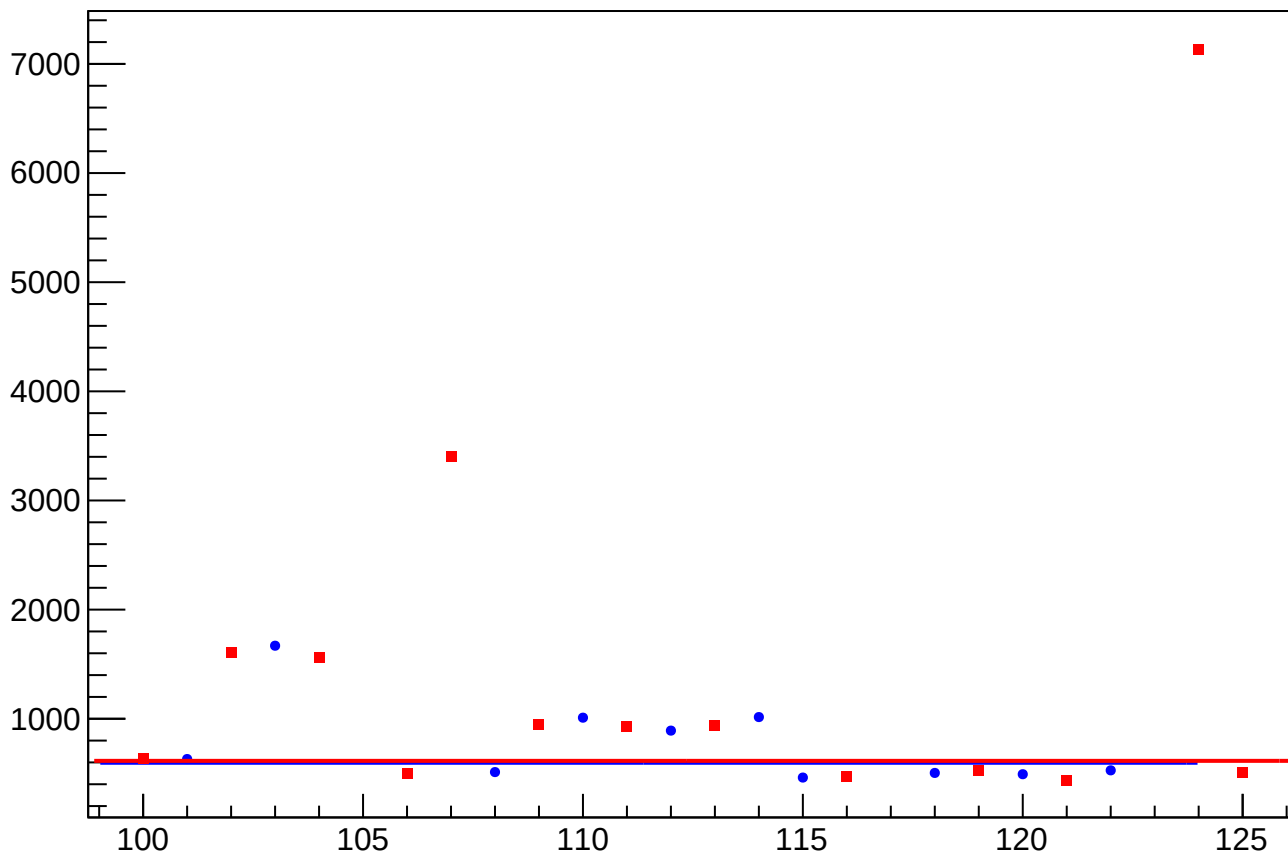
Right: -134.701+/-221.536 χ^2/NDF : 28.2/22

In: -32.862+/-313.541 χ^2/NDF : 12.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -134.701+/-221.536 χ^2/NDF : 28.2/22

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: 614.279+/-0.221 χ^2/NDF : 2067586.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

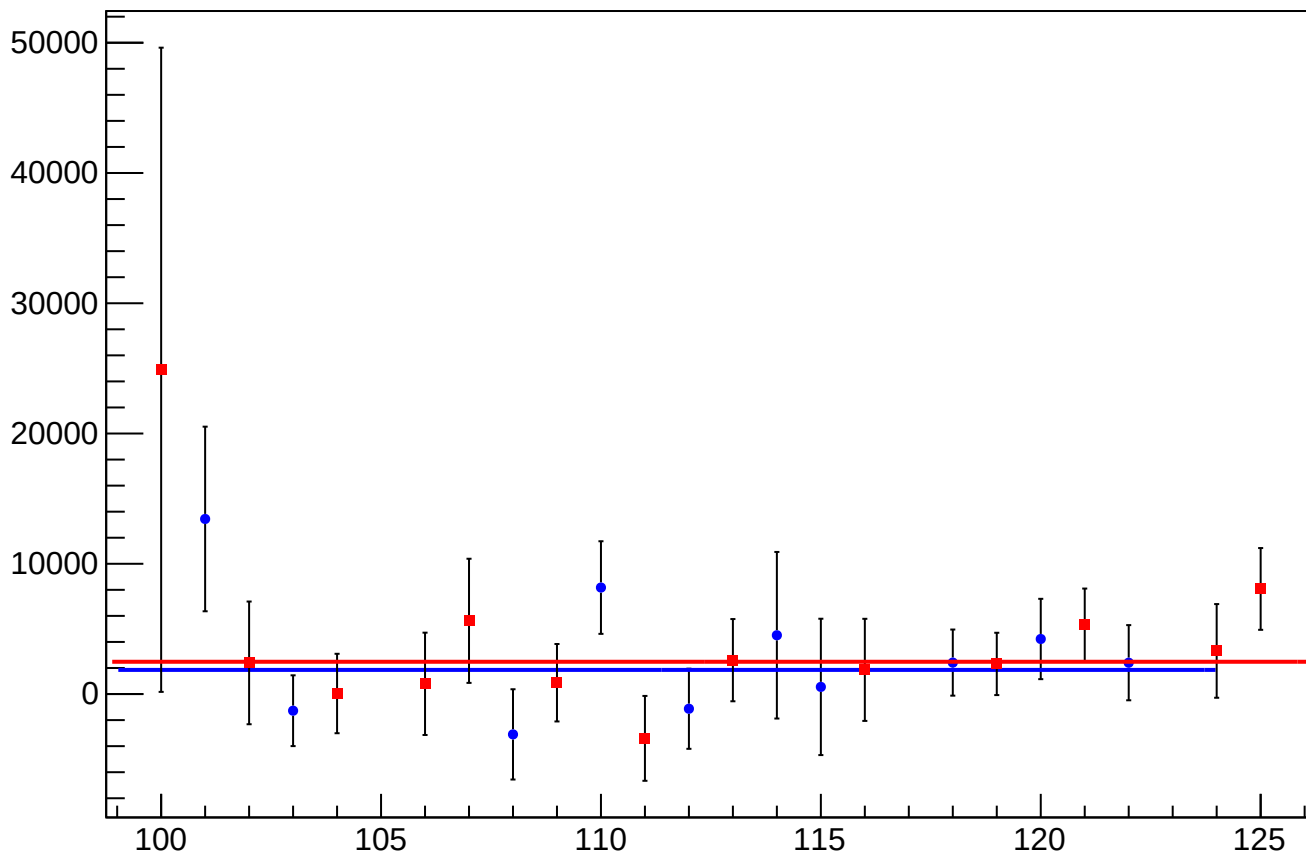
Right: 605.529+/-0.157 χ^2/NDF : 2976314.0/22

In: 596.752+/-0.222 χ^2/NDF : 905597.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 605.529+/-0.157 χ^2/NDF : 2976314.0/22

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: 2478.184+/-945.807 χ^2/NDF : 9.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

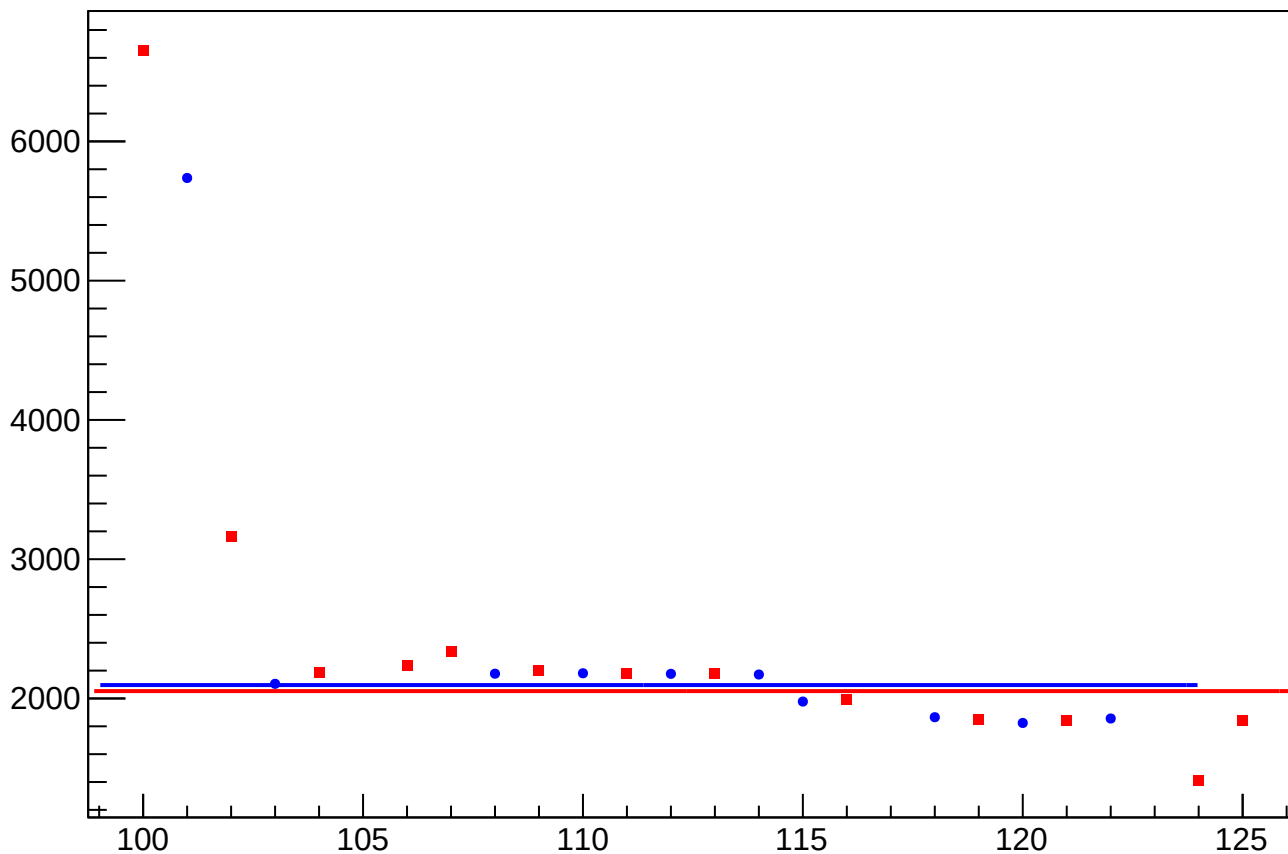
Right: 2205.423+/-710.143 χ^2/NDF : 21.2/22

In: 1852.945+/-1075.172 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2205.423+/-710.143 χ^2/NDF : 21.2/22

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: 2052.935+/-0.669 χ^2/NDF : 306013.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

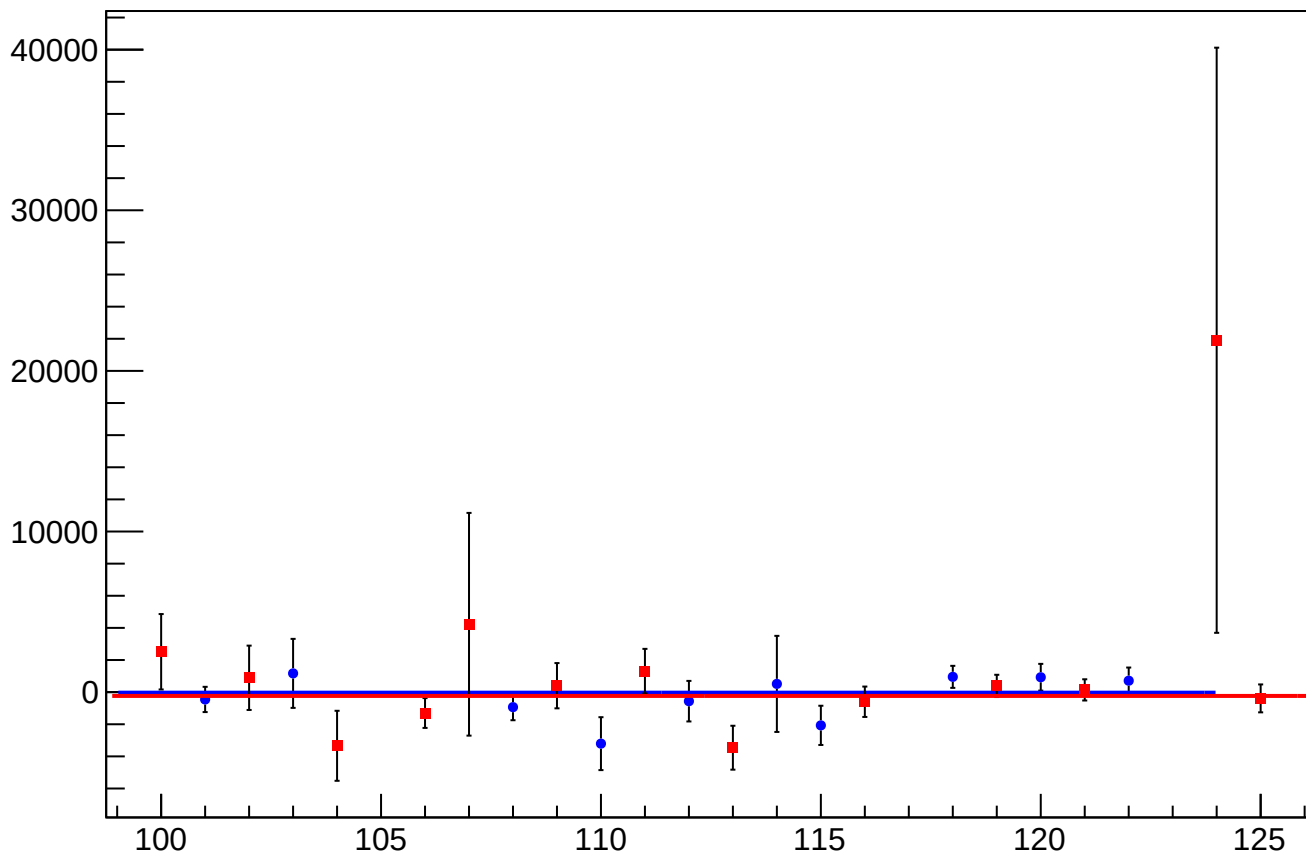
Right: 2071.810+/-0.502 χ^2/NDF : 886862.7/22

In: 2096.202+/-0.760 χ^2/NDF : 579023.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2071.810+/-0.502 χ^2/NDF : 886862.7/22

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: -236.226+/-313.057 χ^2/NDF : 15.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

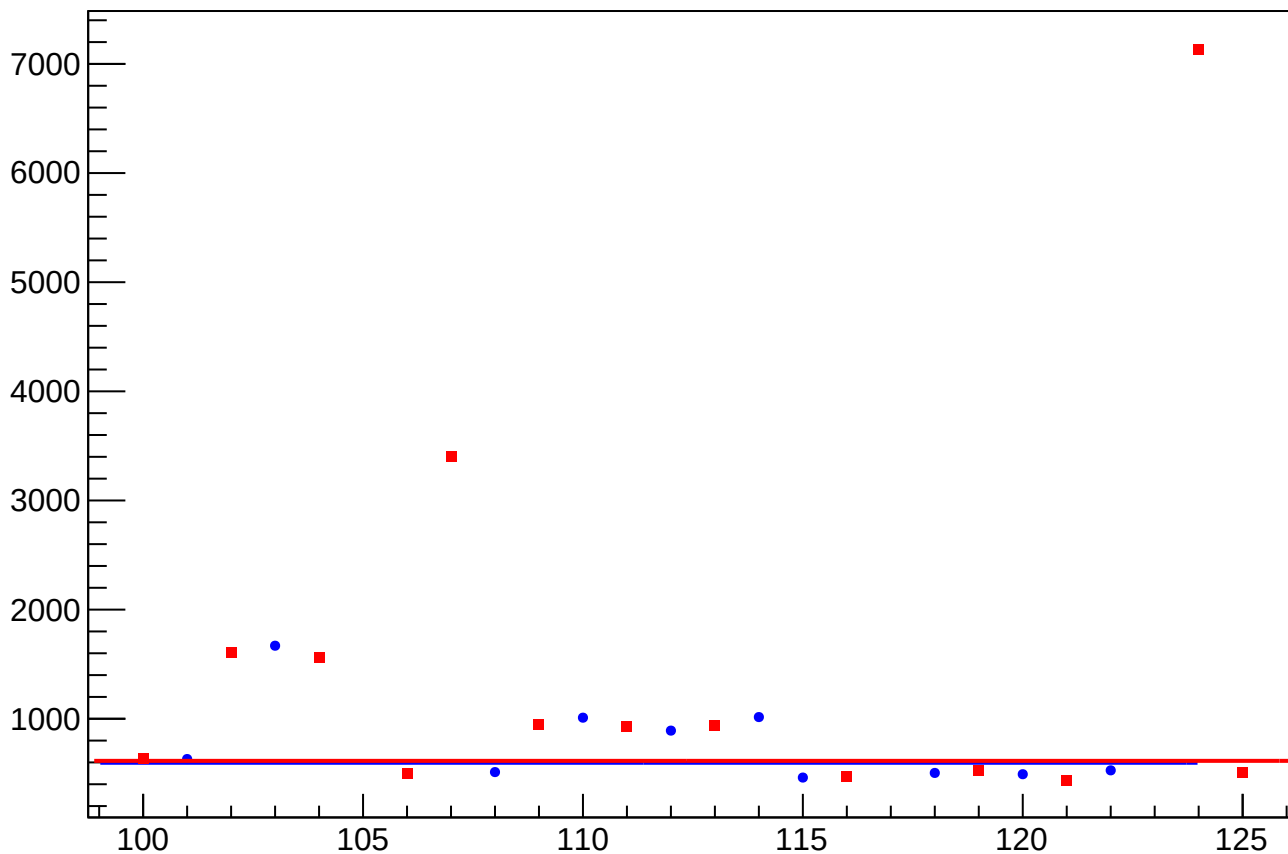
Right: -134.700+/-221.535 χ^2/NDF : 28.2/22

In: -32.861+/-313.540 χ^2/NDF : 12.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -134.700+/-221.535 χ^2/NDF : 28.2/22

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: 614.278+/-0.221 χ^2/NDF : 2067593.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

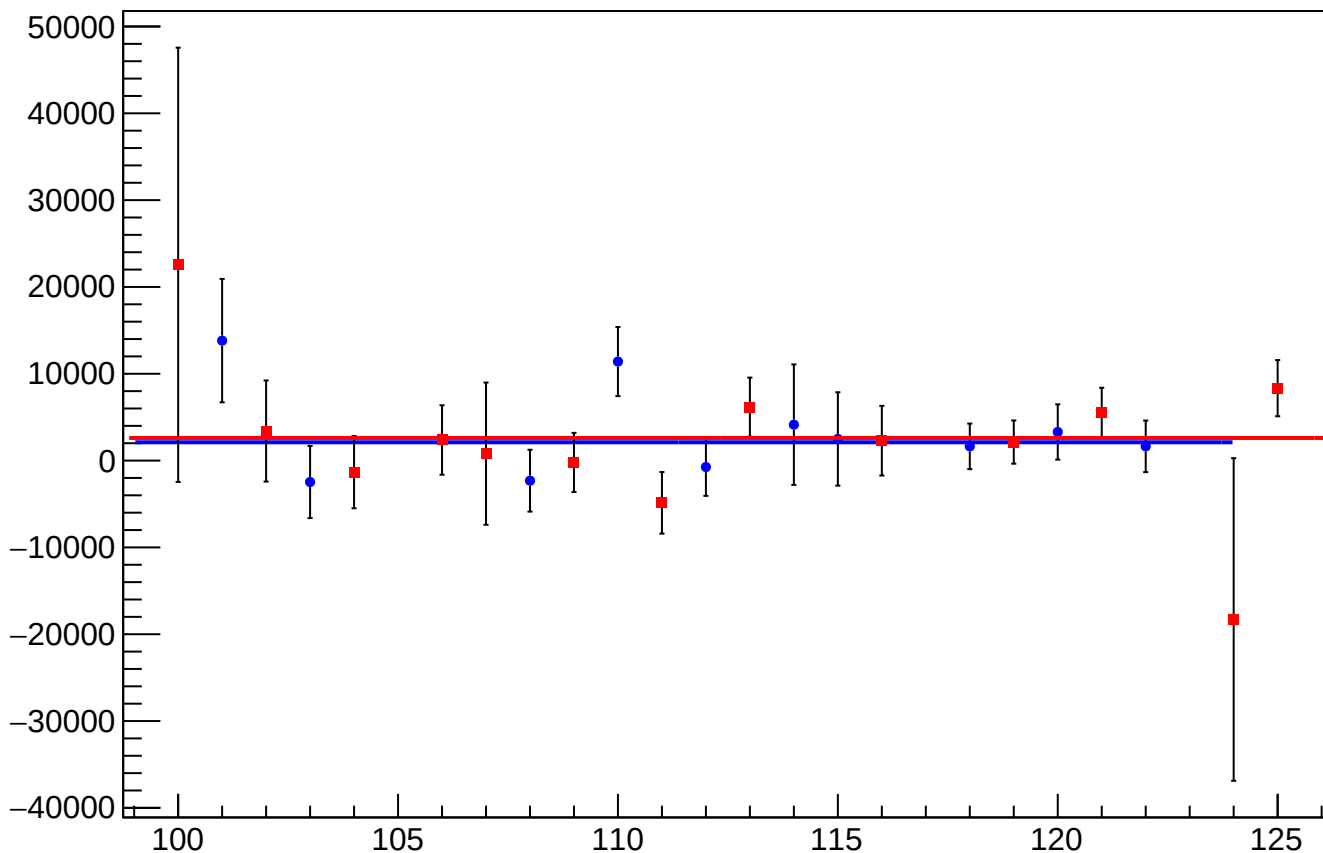
Right: 605.528+/-0.157 χ^2/NDF : 2976325.4/22

In: 596.751+/-0.222 χ^2/NDF : 905602.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 605.528+/-0.157 χ^2/NDF : 2976325.4/22

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: 2606.643+/-1076.904 χ^2/NDF : 13.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

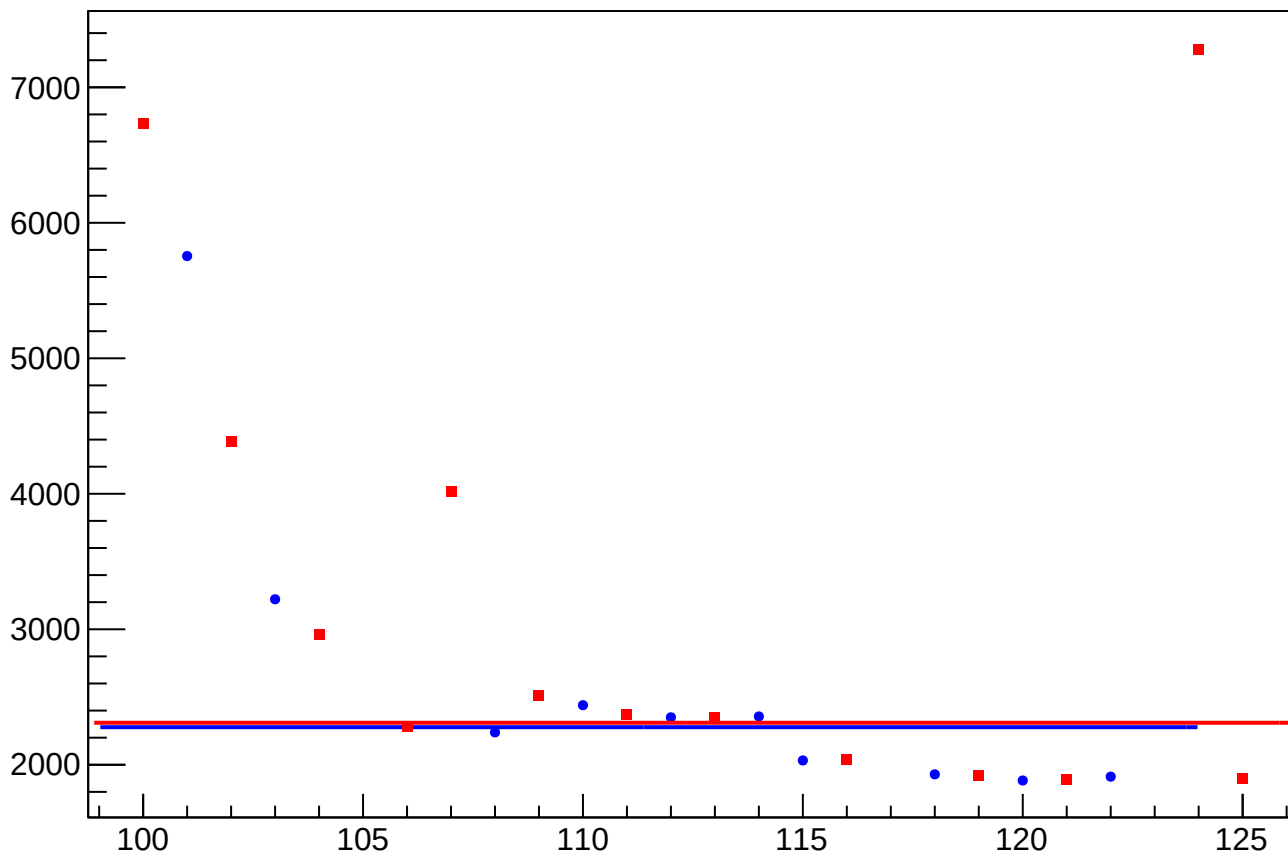
Right: 2379.259+/-794.337 χ^2/NDF : 25.4/22

In: 2107.917+/-1176.402 χ^2/NDF : 12.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2379.259+/-794.337 χ^2/NDF : 25.4/22

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: 2310.199+/-0.761 χ^2/NDF : 736516.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

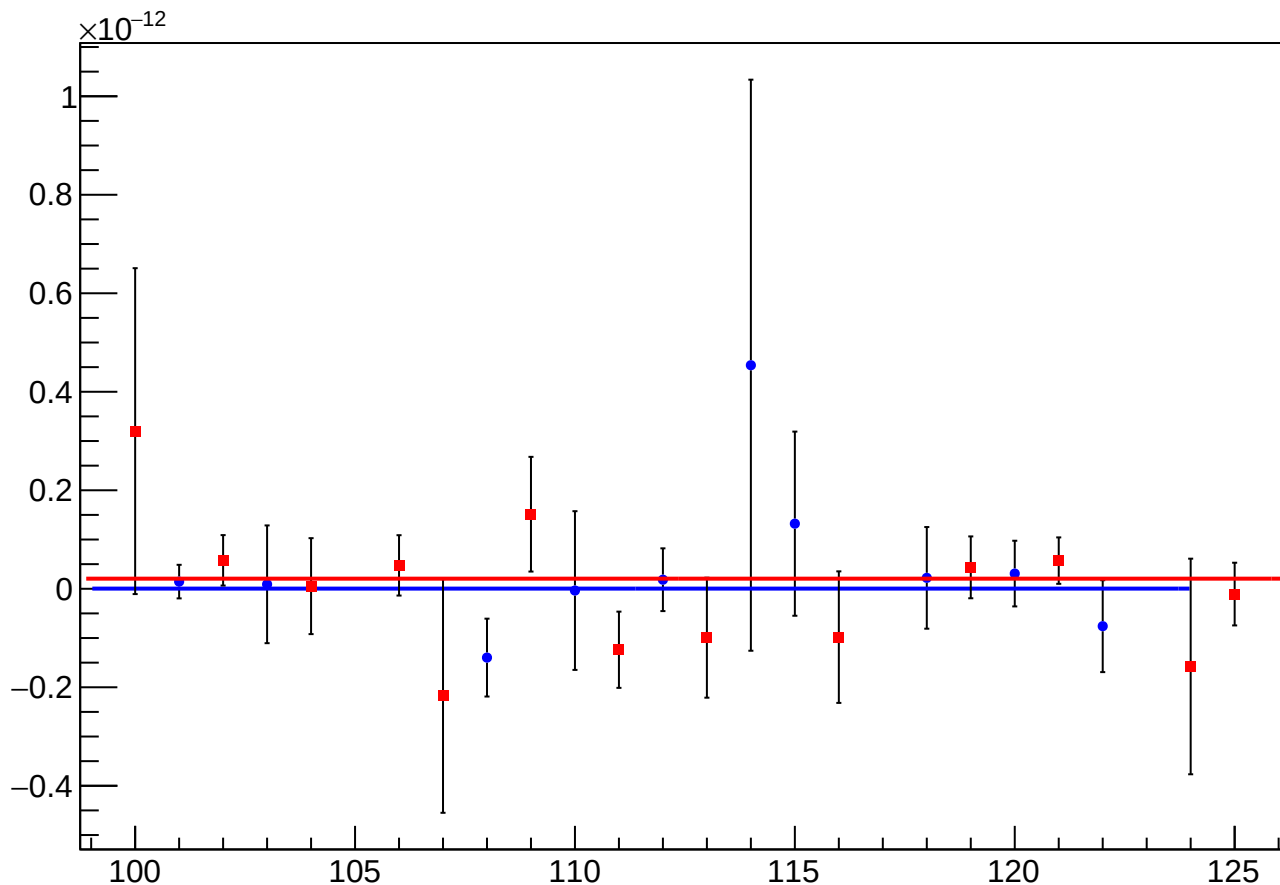
Right: 2295.220+/-0.562 χ^2/NDF : 1424115.9/22

In: 2277.346+/-0.832 χ^2/NDF : 686750.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2295.220+/-0.562 χ^2/NDF : 1424115.9/22

asym_at1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.4/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 10.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

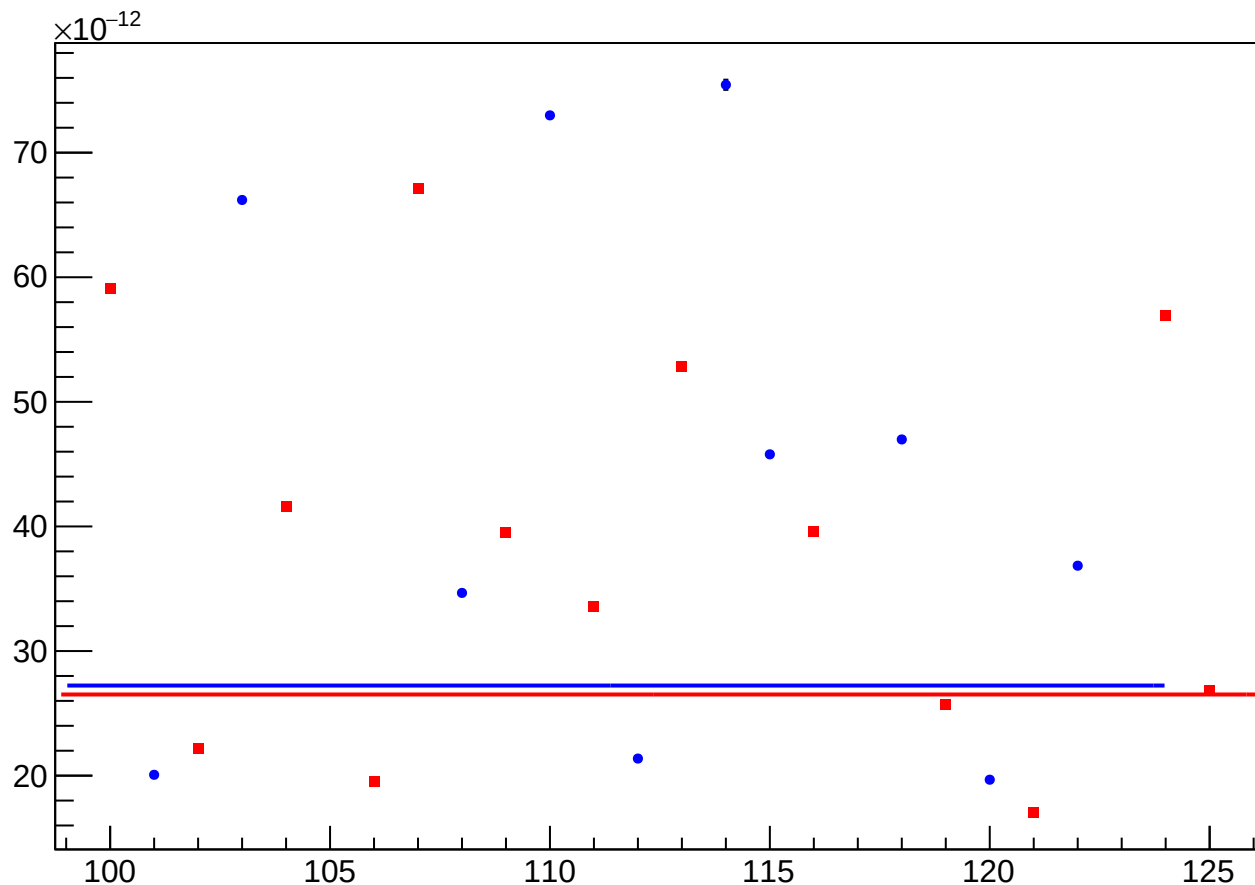
Right: 0.000+/-0.000 χ^2/NDF : 16.6/22

In: 0.000+/-0.000 χ^2/NDF : 5.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.6/22

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 : 440812.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

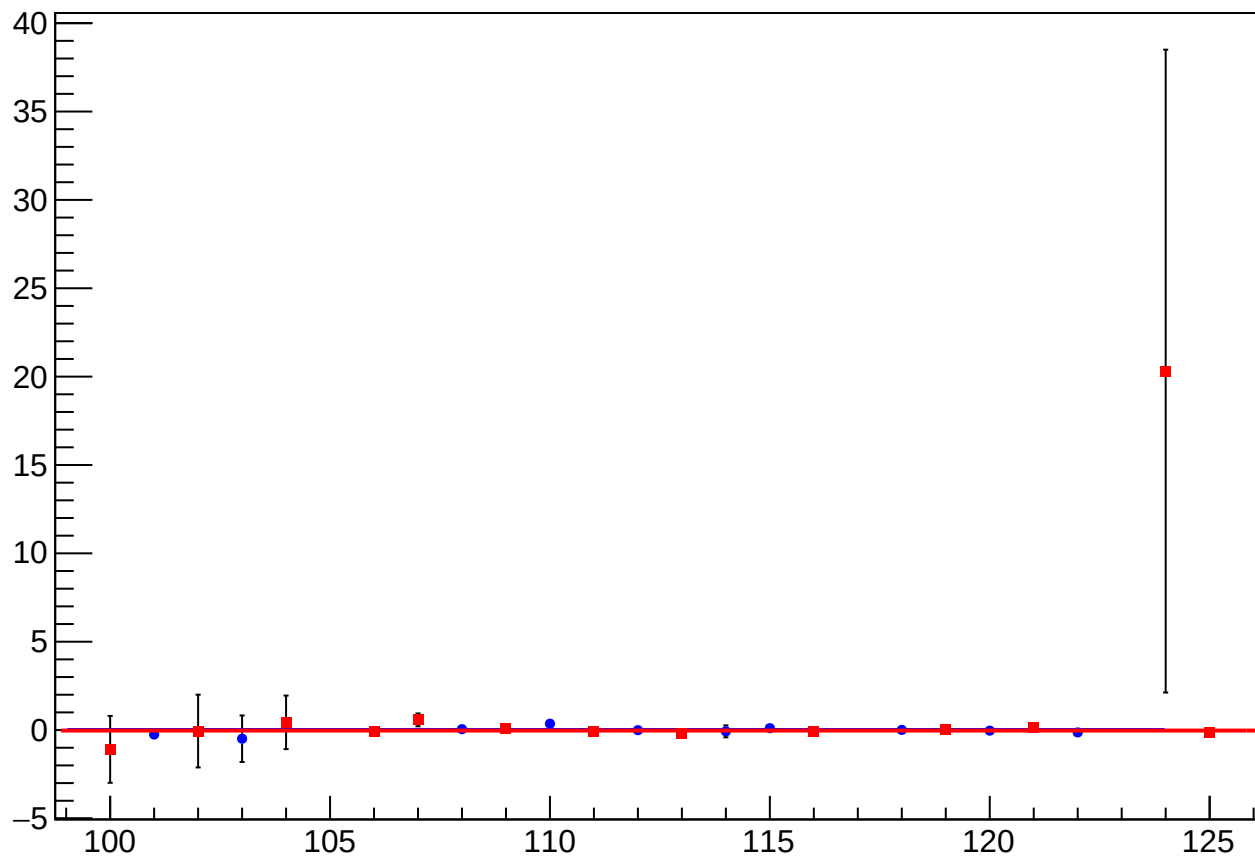
Right: 0.000+/-0.000 χ^2/NDF : 1092381.6/22

In: 0.000+/-0.000 χ^2/NDF : 650553.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1092381.6/22

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: -0.027+/-0.030 χ^2/NDF : 13.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

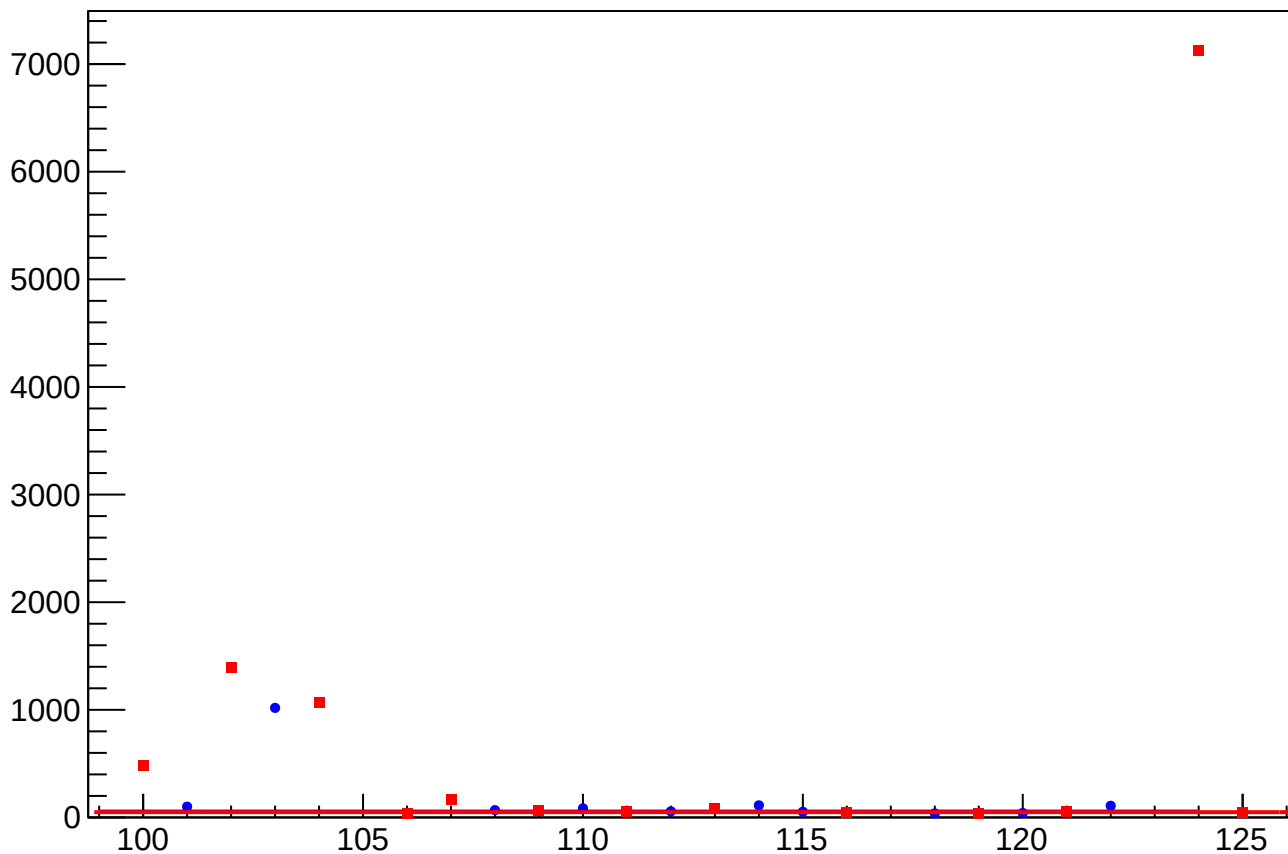
Right: -0.013+/-0.023 χ^2/NDF : 25.0/22

In: 0.005+/-0.034 χ^2/NDF :10.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.013+/-0.023 χ^2/NDF : 25.0/22

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: 49.118+/-0.021 χ^2/NDF : 2729107.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

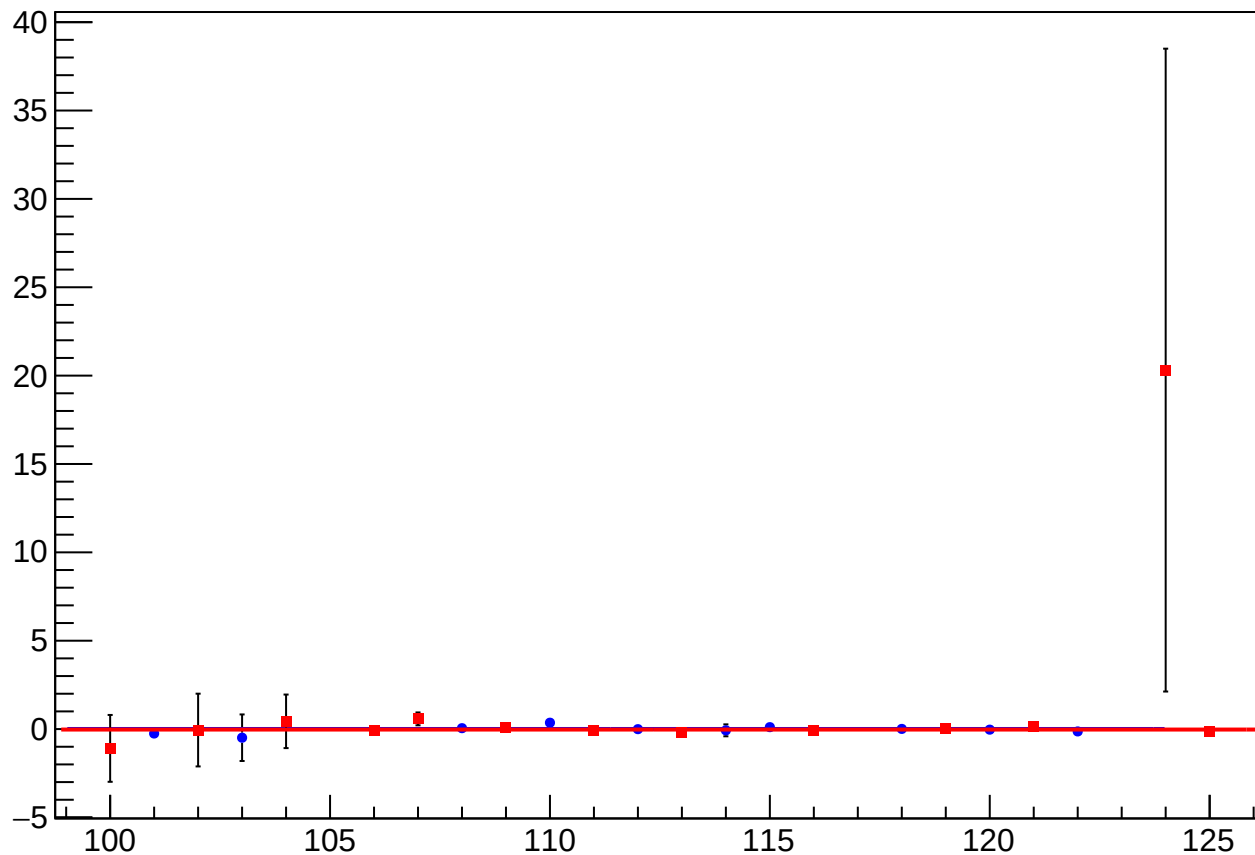
Right: 51.554+/-0.016 χ^2/NDF : 4626173.4/22

In: 54.596+/-0.024 χ^2/NDF : 1868115.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.554+/-0.016 χ^2/NDF : 4626173.4/22

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: -0.027+/-0.030 χ^2/NDF : 13.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

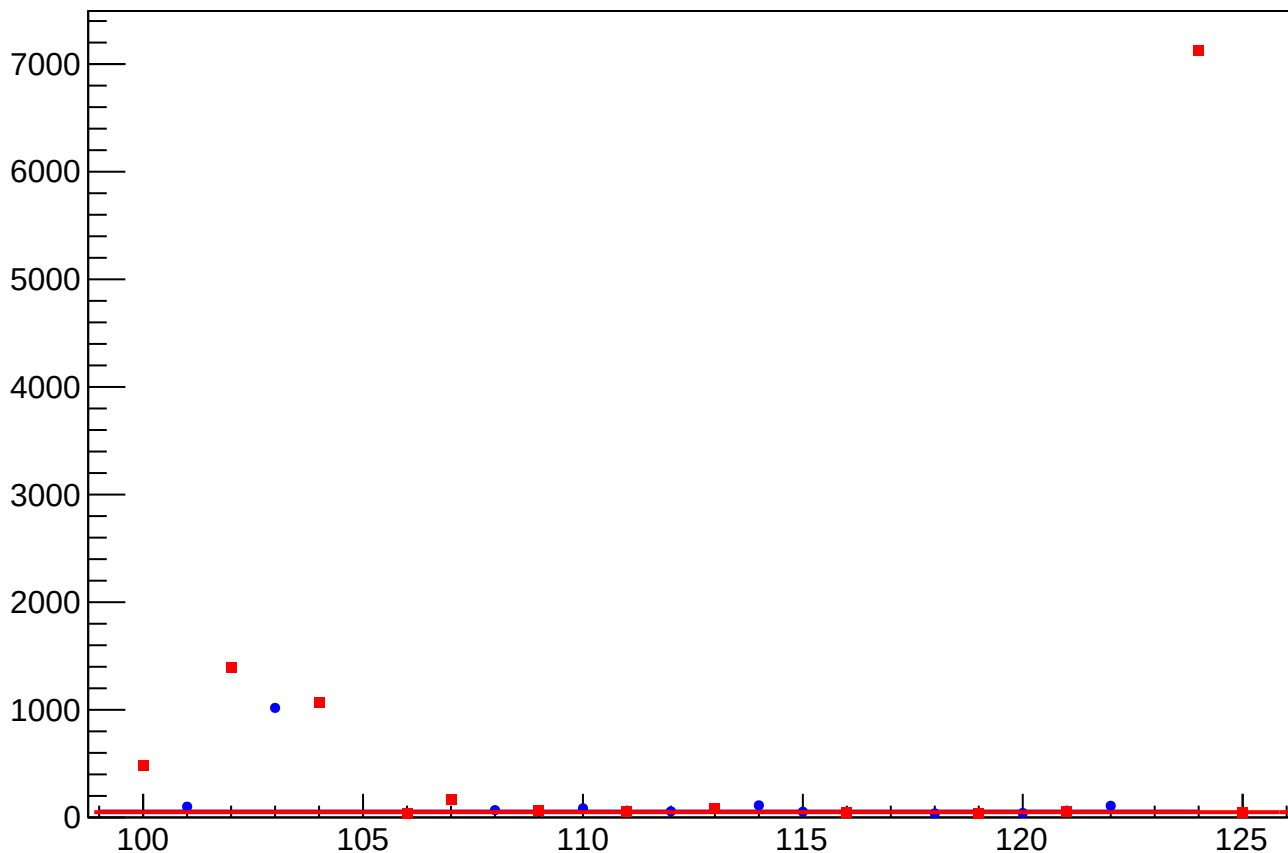
Right: -0.013+/-0.023 χ^2/NDF : 25.0/22

In: 0.005+/-0.034 χ^2/NDF : 10.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.013+/-0.023 χ^2/NDF : 25.0/22

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: 49.118+/-0.021 χ^2/NDF : 2729107.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

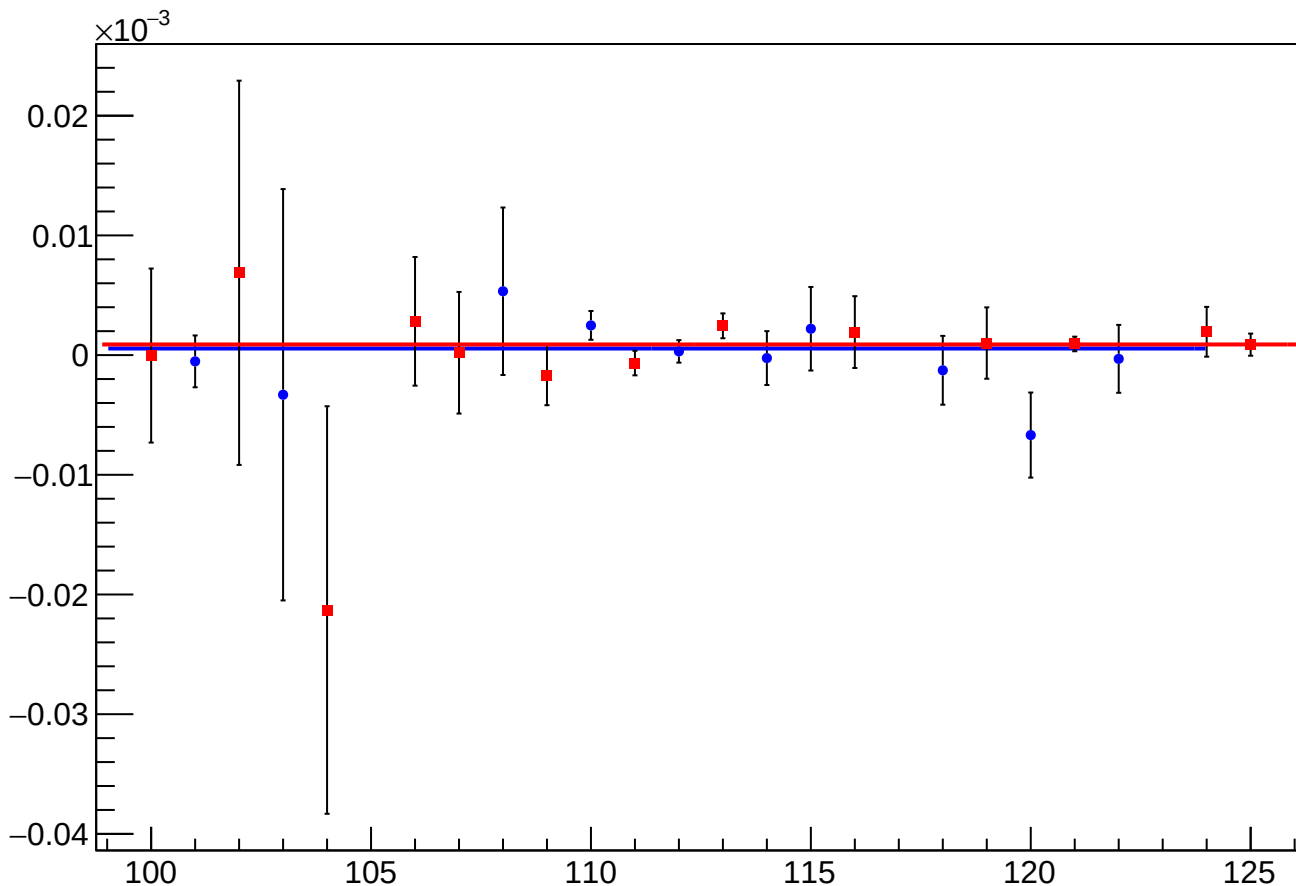
Right: 51.554+/-0.016 χ^2/NDF : 4626173.4/22

In: 54.596+/-0.024 χ^2/NDF : 1868115.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.554+/-0.016 χ^2/NDF : 4626173.4/22

asym_at1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.4/9

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

Right Out: 0.000+/-0.000 χ^2/NDF : 8.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

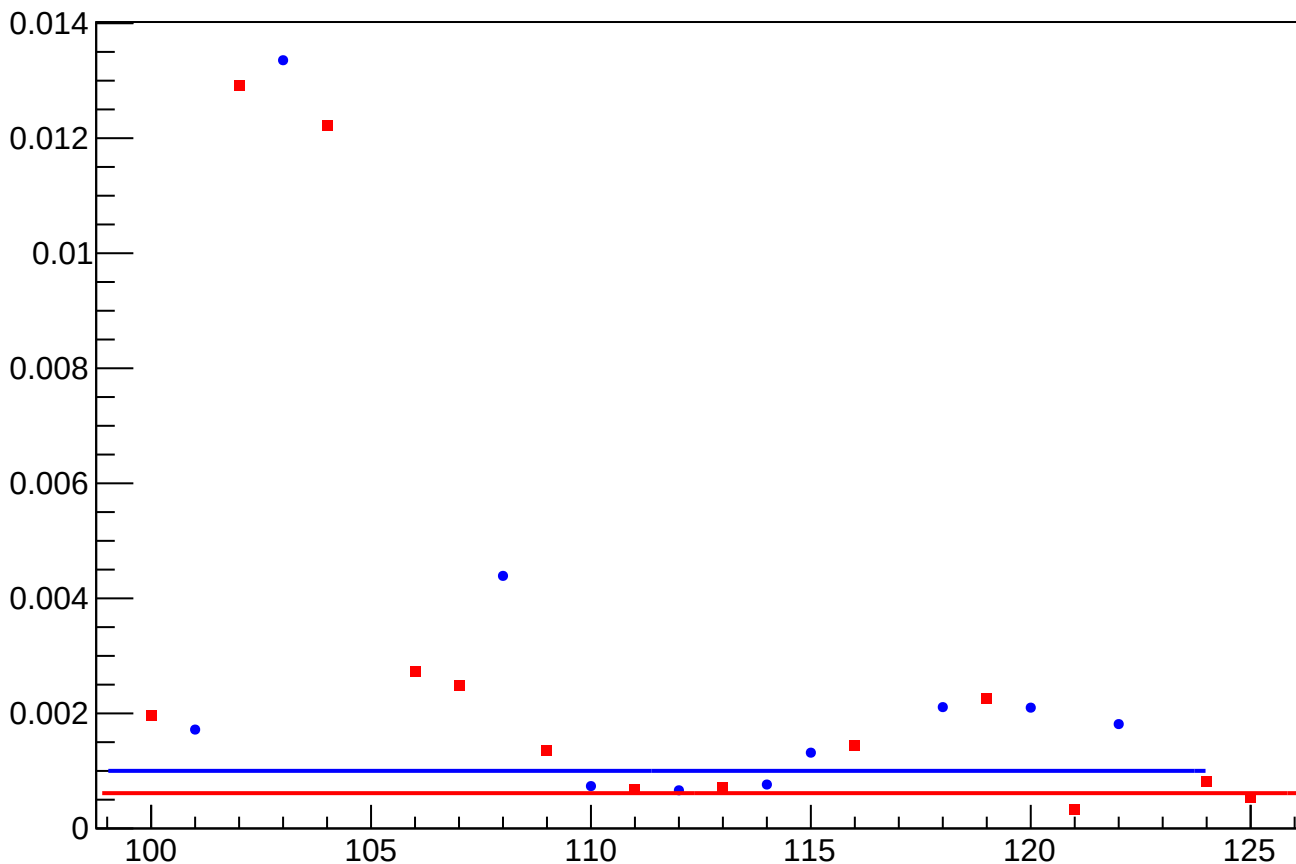
Right: 0.000+/-0.000 χ^2/NDF : 16.6/22

In: 0.000+/-0.000 χ^2/NDF : 8.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.6/22

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 : 4202931.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

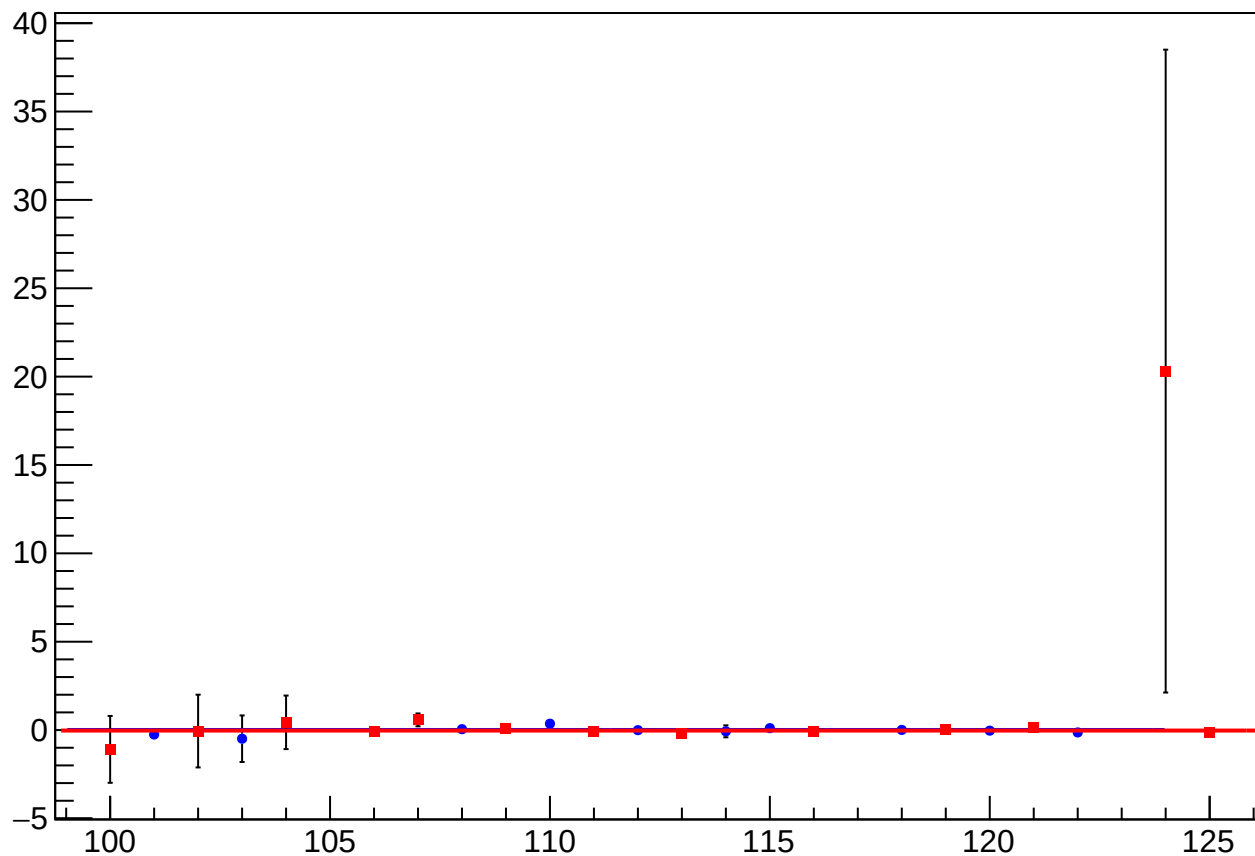
Right: 0.001+/-0.000 χ^2/NDF : 7539840.5/22

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 : 7539840.5/22

asym_at1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.034 χ^2 /NDF: 10.6/9

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

Right Out: -0.027 $\pm$ 0.030 χ^2 /NDF: 13.9/12

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

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

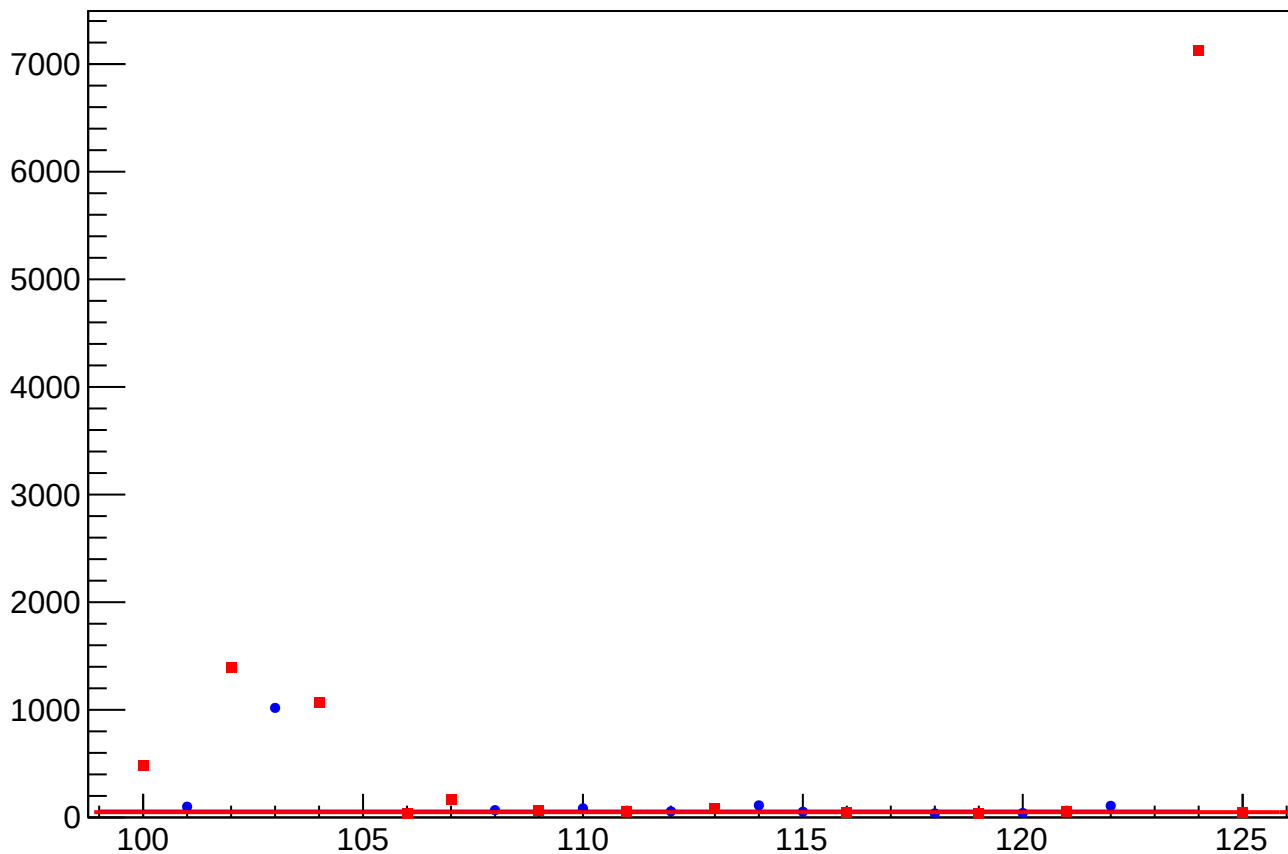
Right: -0.013 $\pm$ 0.023 χ^2 /NDF: 25.0/22

In: 0.005 $\pm$ 0.034 χ^2 /NDF:10.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.023 χ^2 /NDF: 25.0/22

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: 49.117+/-0.021 χ^2/NDF : 2729148.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

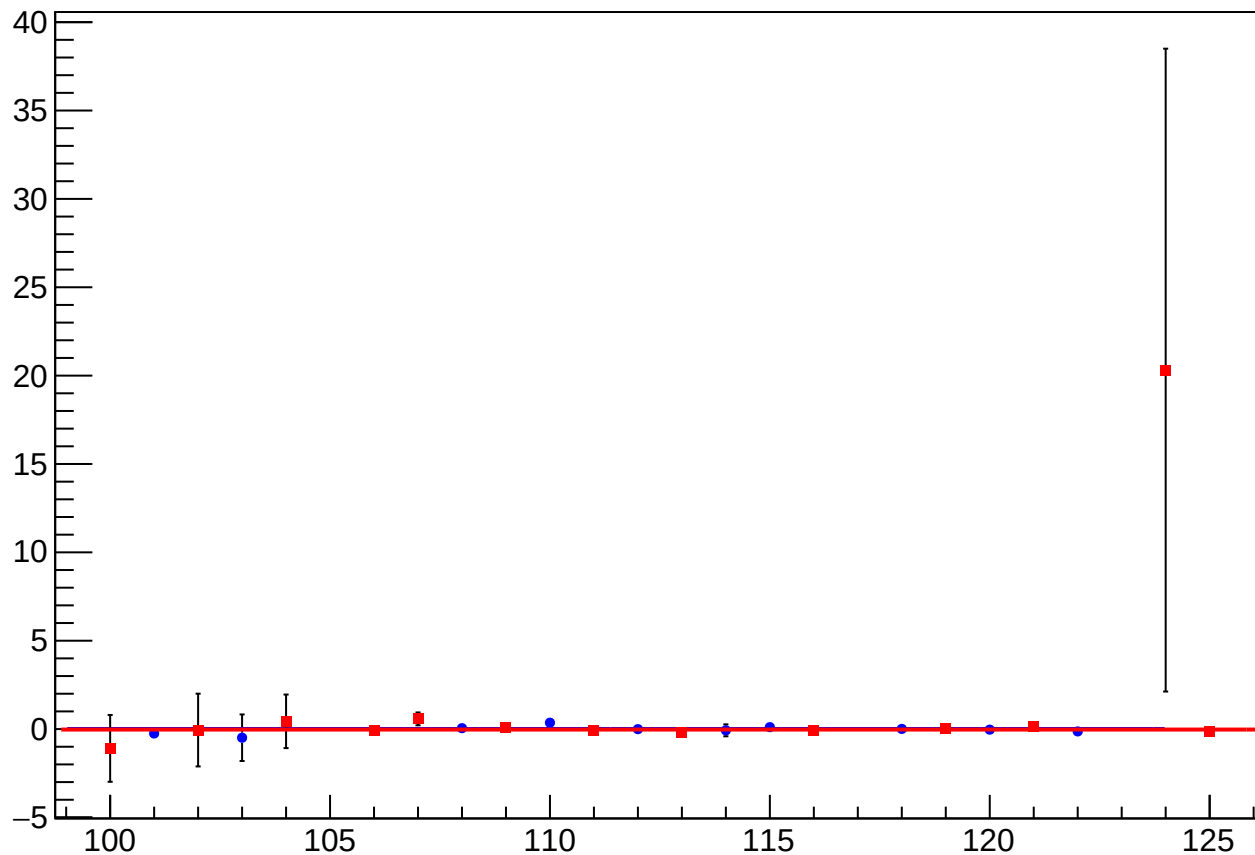
Right: 51.553+/-0.016 χ^2/NDF : 4626237.1/22

In: 54.596+/-0.024 χ^2/NDF : 1868127.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.553+/-0.016 χ^2/NDF : 4626237.1/22

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: -0.027+/-0.030 χ^2/NDF : 13.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

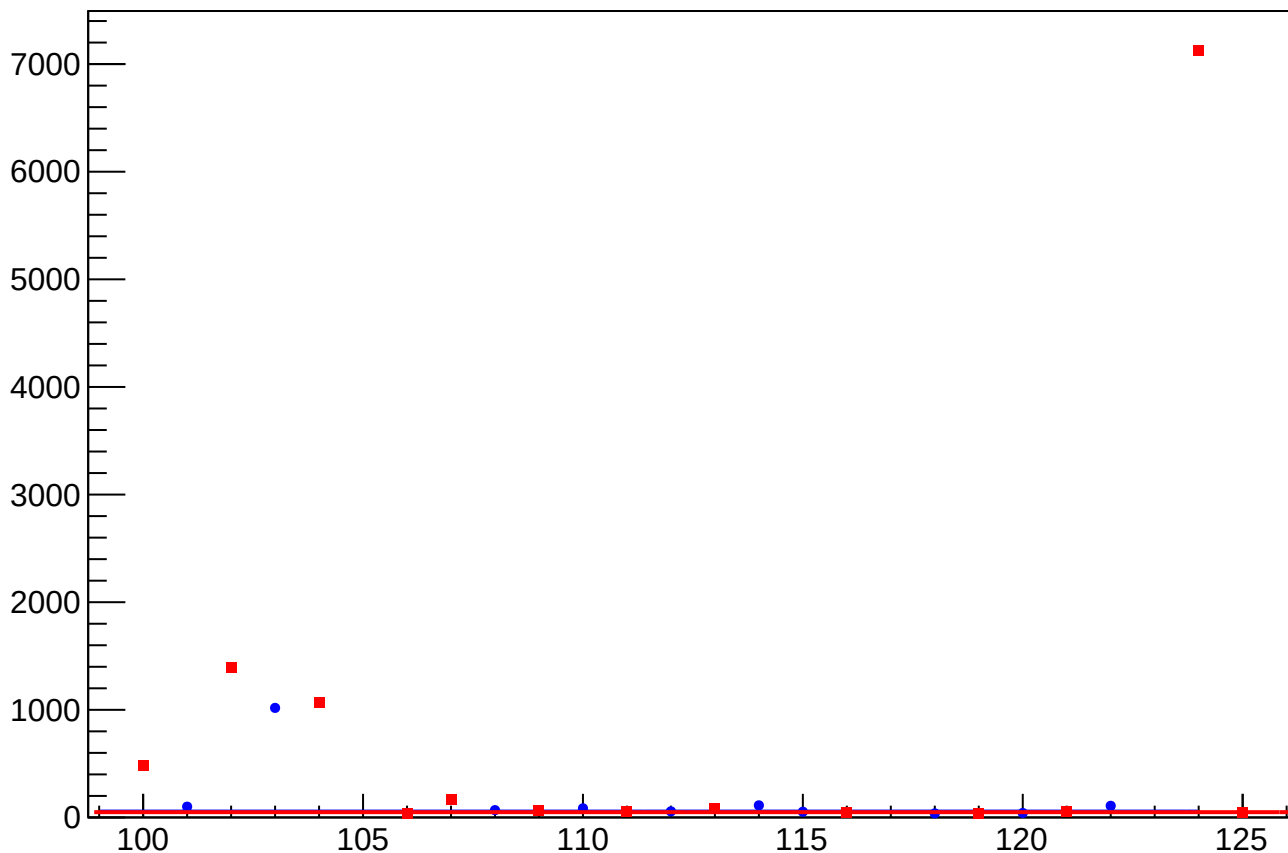
Right: -0.013+/-0.023 χ^2/NDF : 25.0/22

In: 0.005+/-0.034 χ^2/NDF : 10.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.013+/-0.023 χ^2/NDF : 25.0/22

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: 49.117+/-0.021 χ^2/NDF : 2729148.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

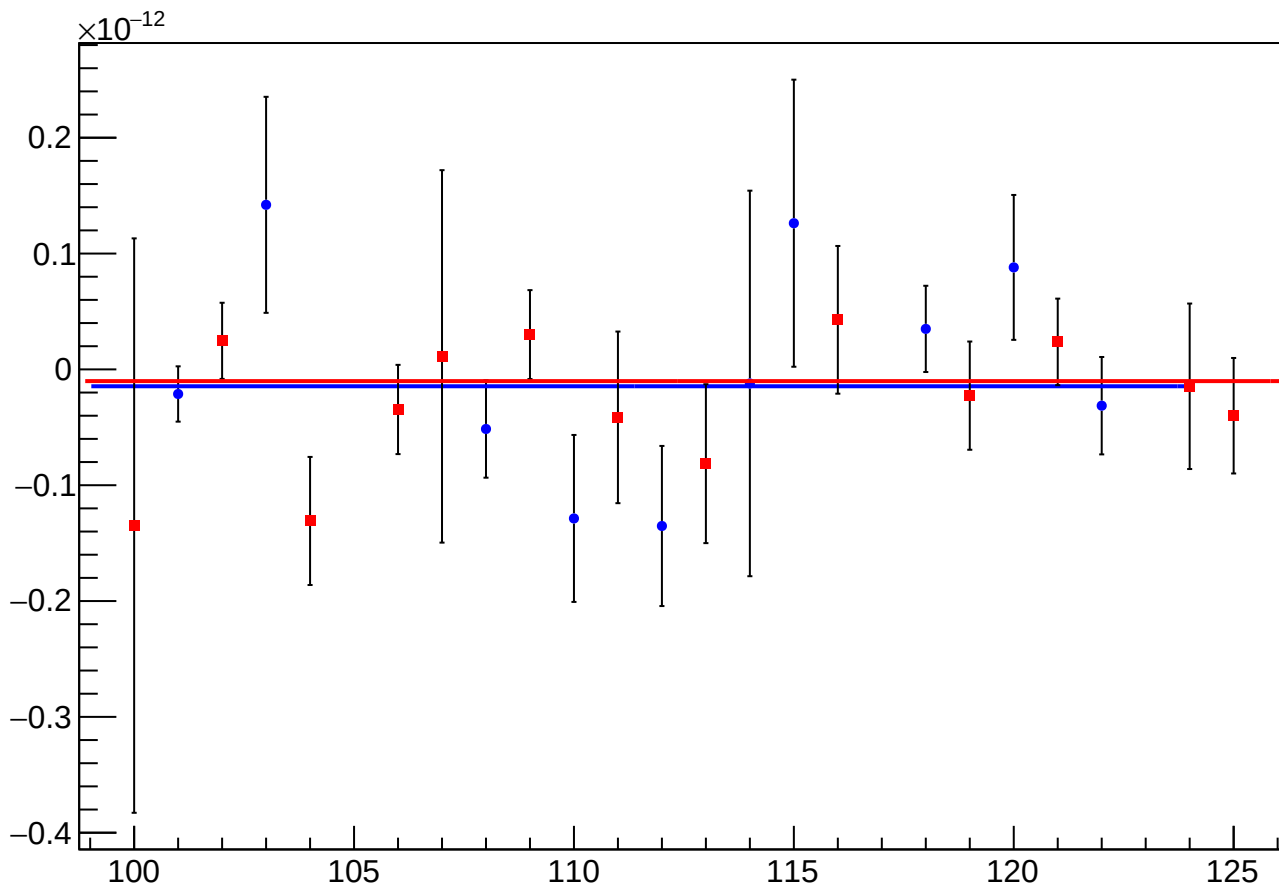
Right: 51.553+/-0.016 χ^2/NDF : 4626237.1/22

In: 54.596+/-0.024 χ^2/NDF : 1868127.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.553+/-0.016 χ^2/NDF : 4626237.1/22

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 : 10.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

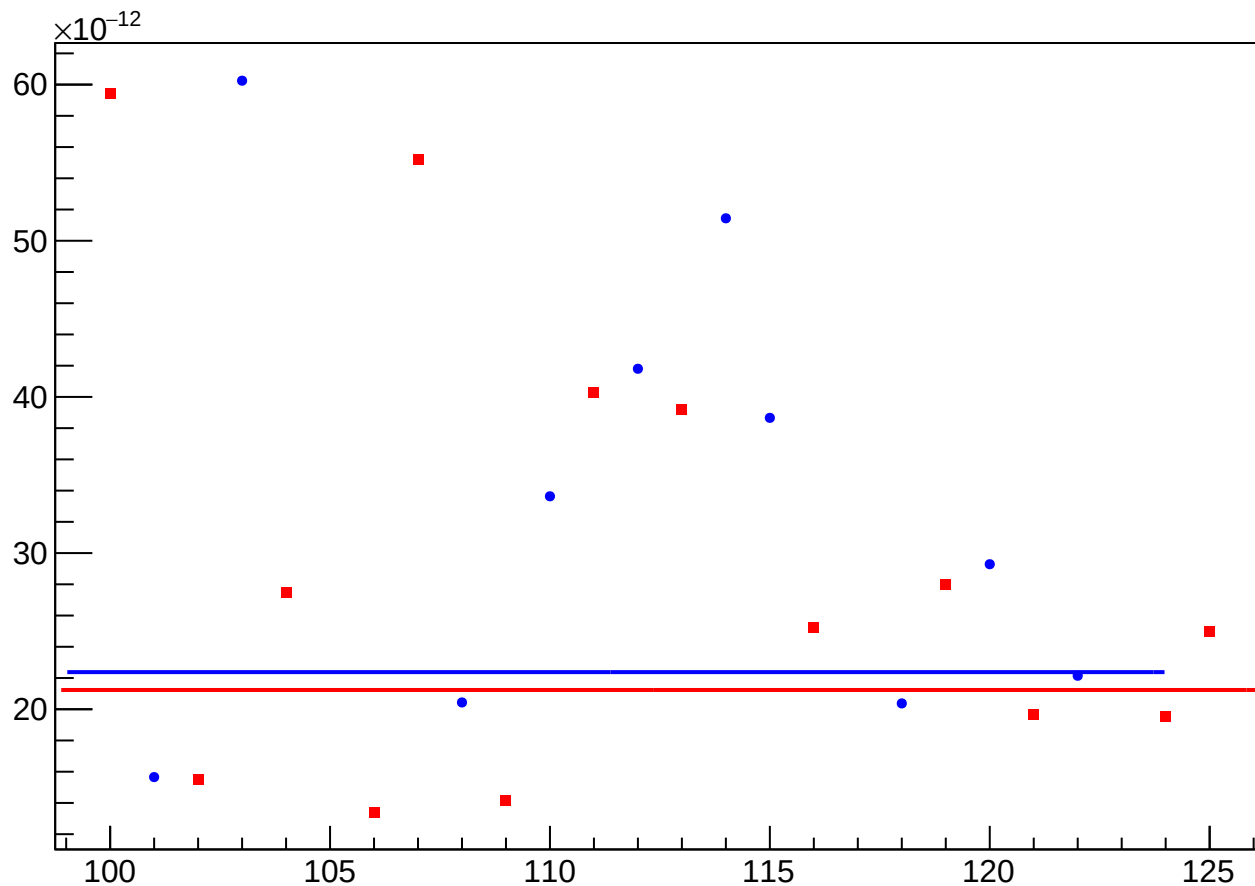
Right: -0.000+/-0.000 χ^2/NDF : 26.0/22

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 : 26.0/22

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 : 708640.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

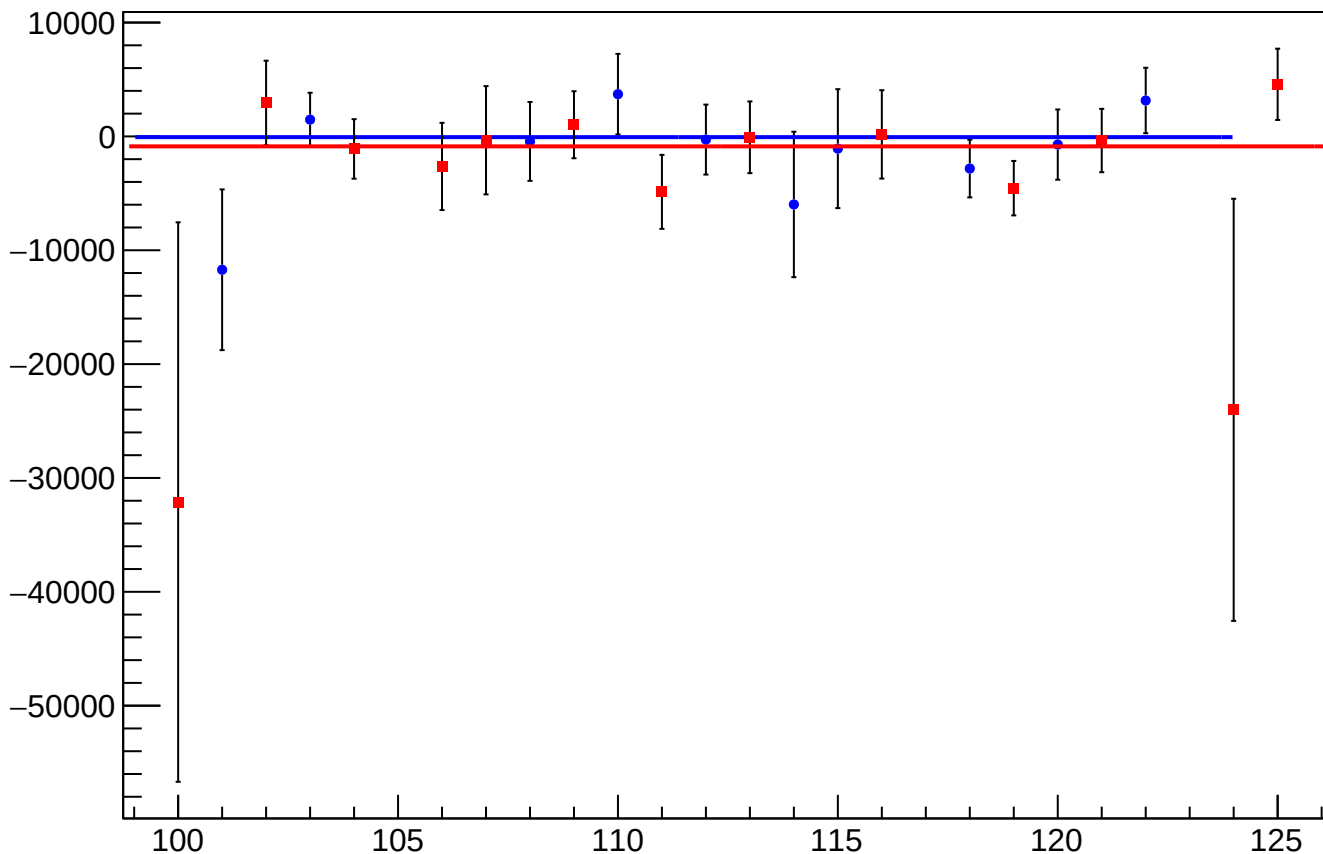
Right: 0.000+/-0.000 χ^2/NDF : 1540142.3/22

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 : 1540142.3/22

reg_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -65.446 ± 1047.236 $\chi^2/\text{NDF}: 7.7/9$

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

Right Out: -875.708 ± 945.152 $\chi^2/\text{NDF}: 12.0/12$

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

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

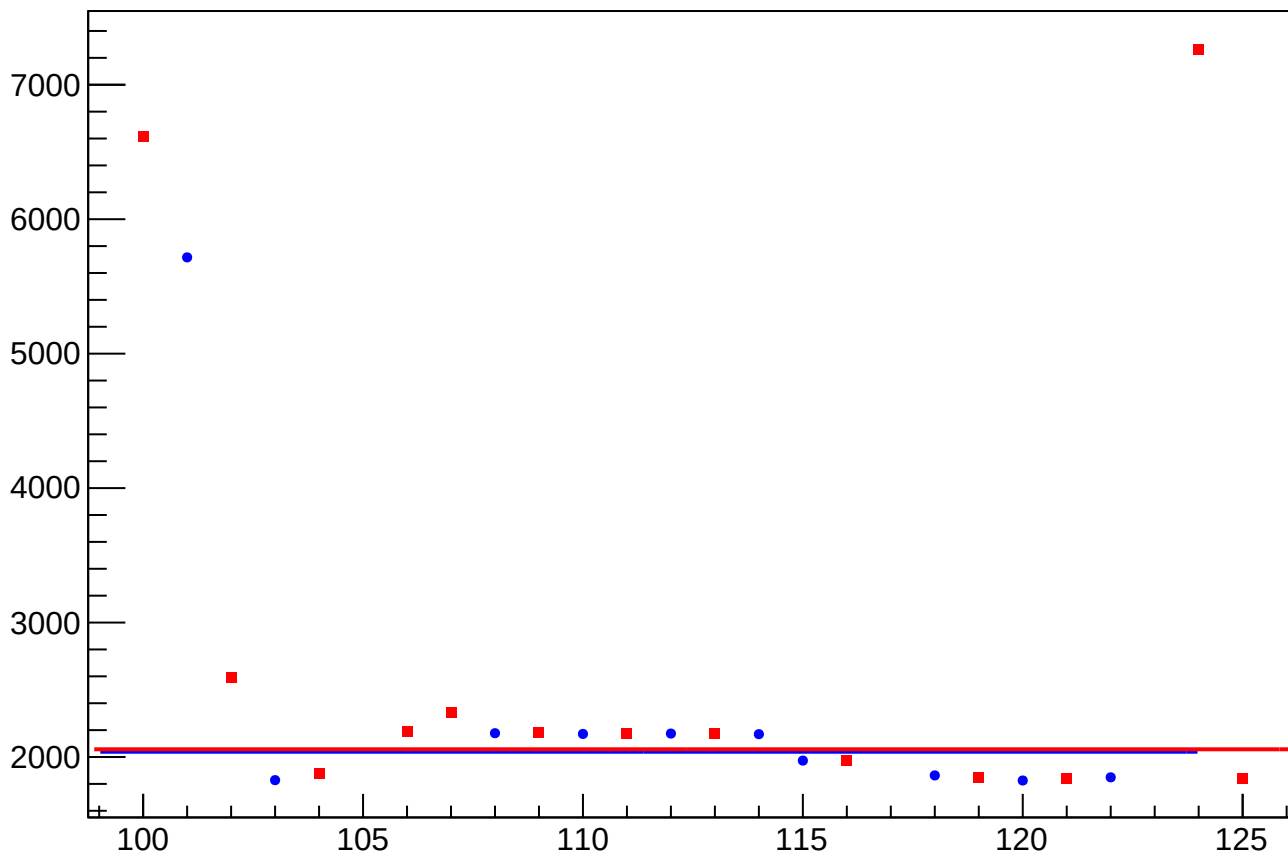
Right: -511.984 ± 701.646 $\chi^2/\text{NDF}: 20.0/22$

In: -65.446 ± 1047.236 $\chi^2/\text{NDF}: 7.7/9$

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

All: -511.984 ± 701.646 $\chi^2/\text{NDF}: 20.0/22$

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: 2057.400+/-0.668 χ^2/NDF : 333590.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

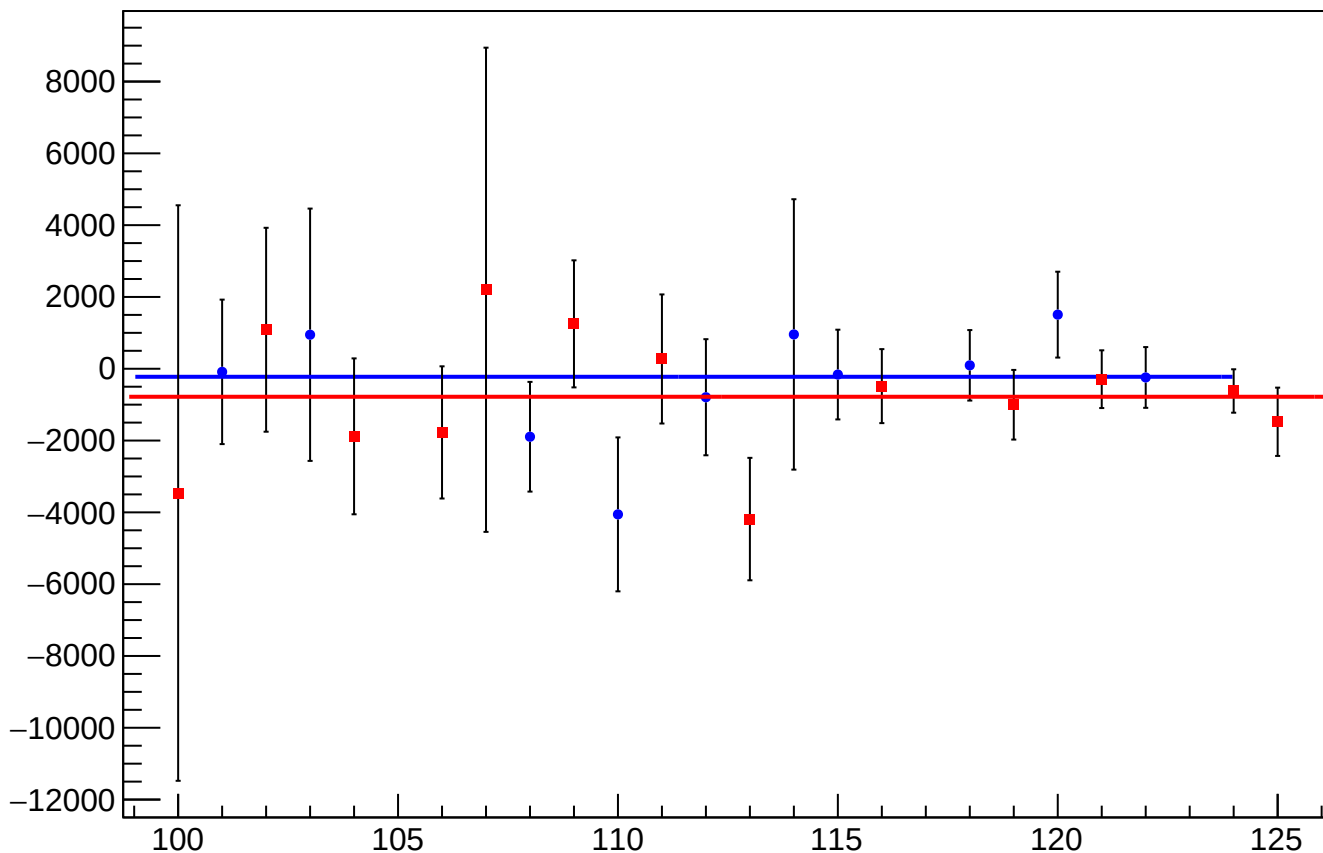
Right: 2049.293+/-0.496 χ^2/NDF : 931608.1/22

In: 2039.340+/-0.741 χ^2/NDF : 597689.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2049.293+/-0.496 χ^2/NDF : 931608.1/22

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: -780.092+/-332.734 χ^2/NDF : 8.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

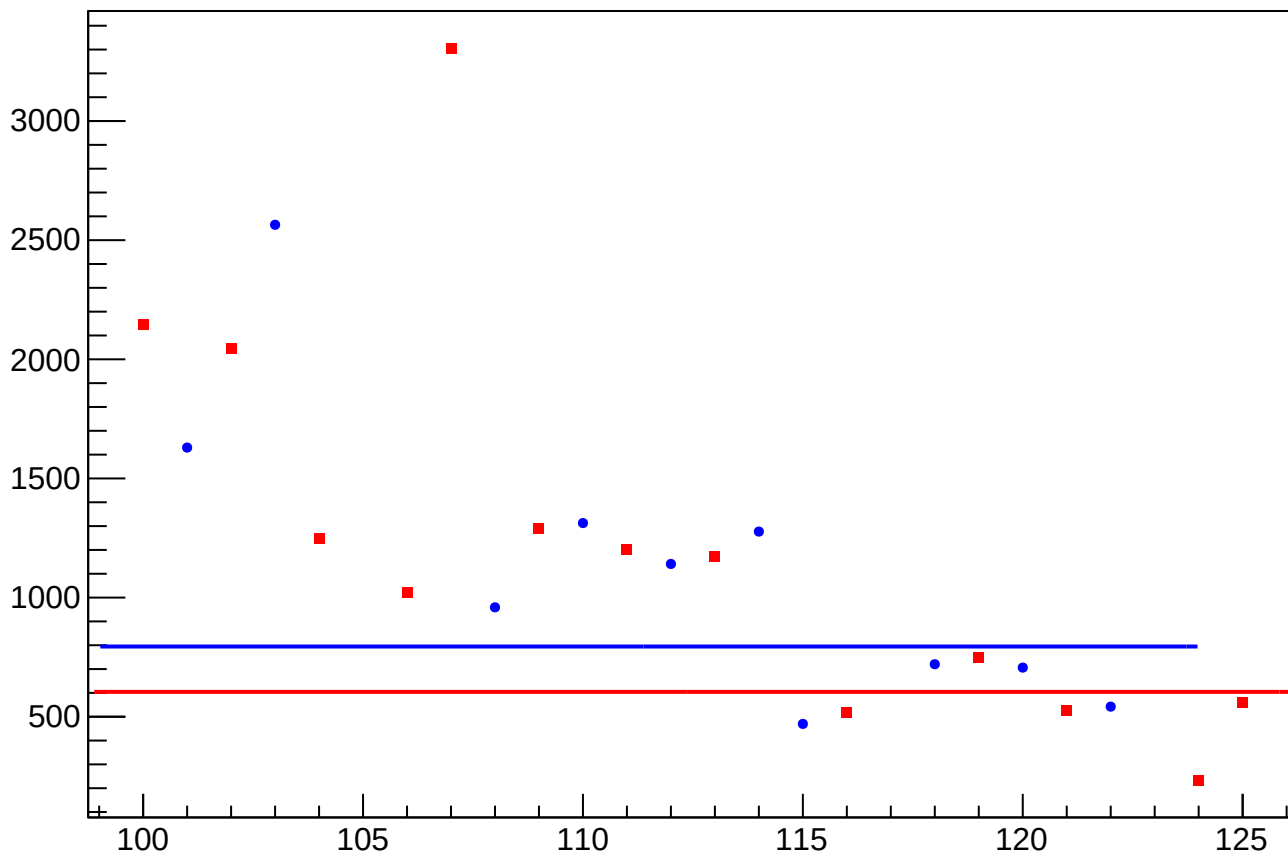
Right: -576.784+/-265.067 χ^2/NDF : 16.0/22

In: -223.658+/-438.516 χ^2/NDF :6.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -576.784+/-265.067 χ^2/NDF : 16.0/22

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: 604.335+/-0.235 χ^2/NDF : 2769733.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

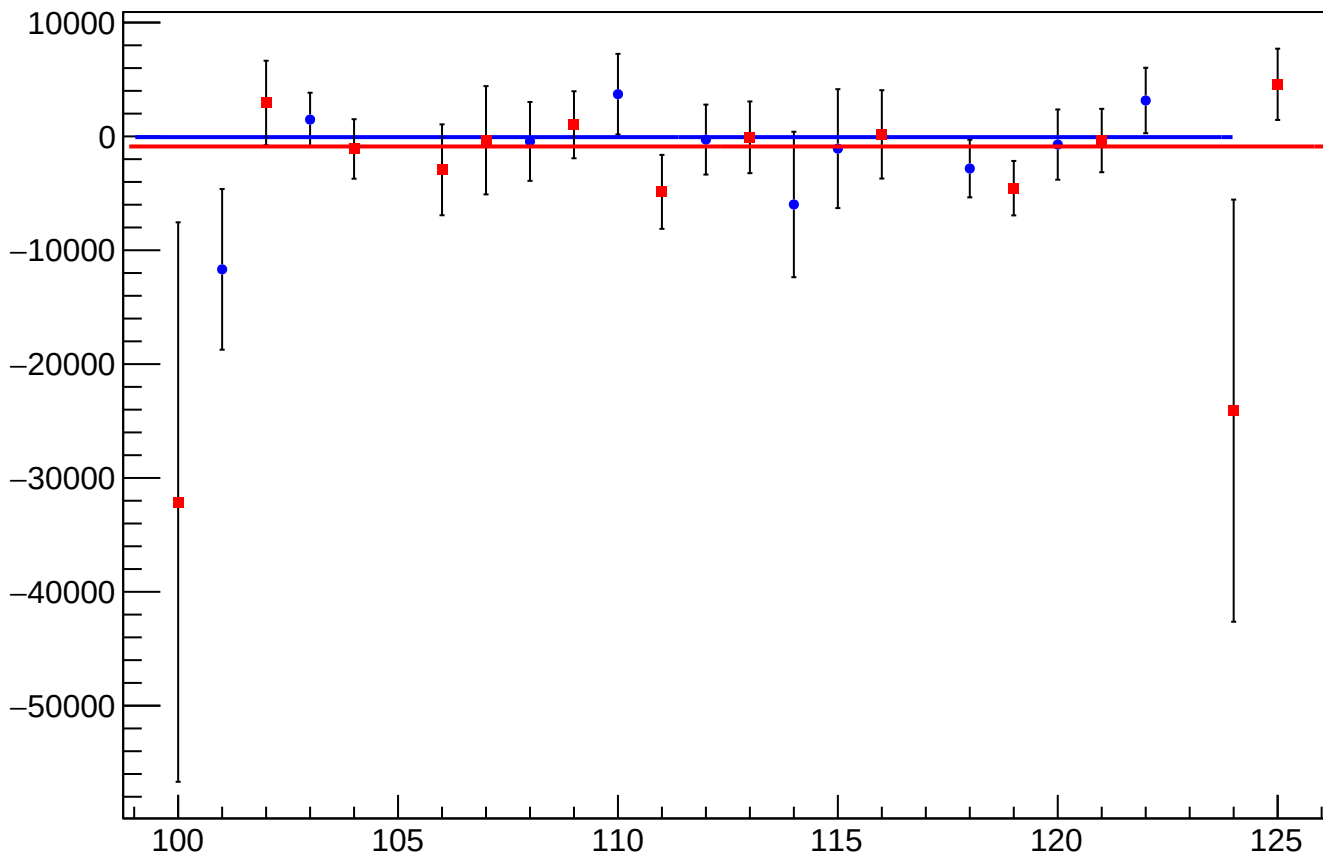
Right: 673.867+/-0.187 χ^2/NDF : 4460374.5/22

In: 794.636+/-0.310 χ^2/NDF :1451608.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 673.867+/-0.187 χ^2/NDF : 4460374.5/22

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: -884.826+/-947.429 χ^2/NDF : 12.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

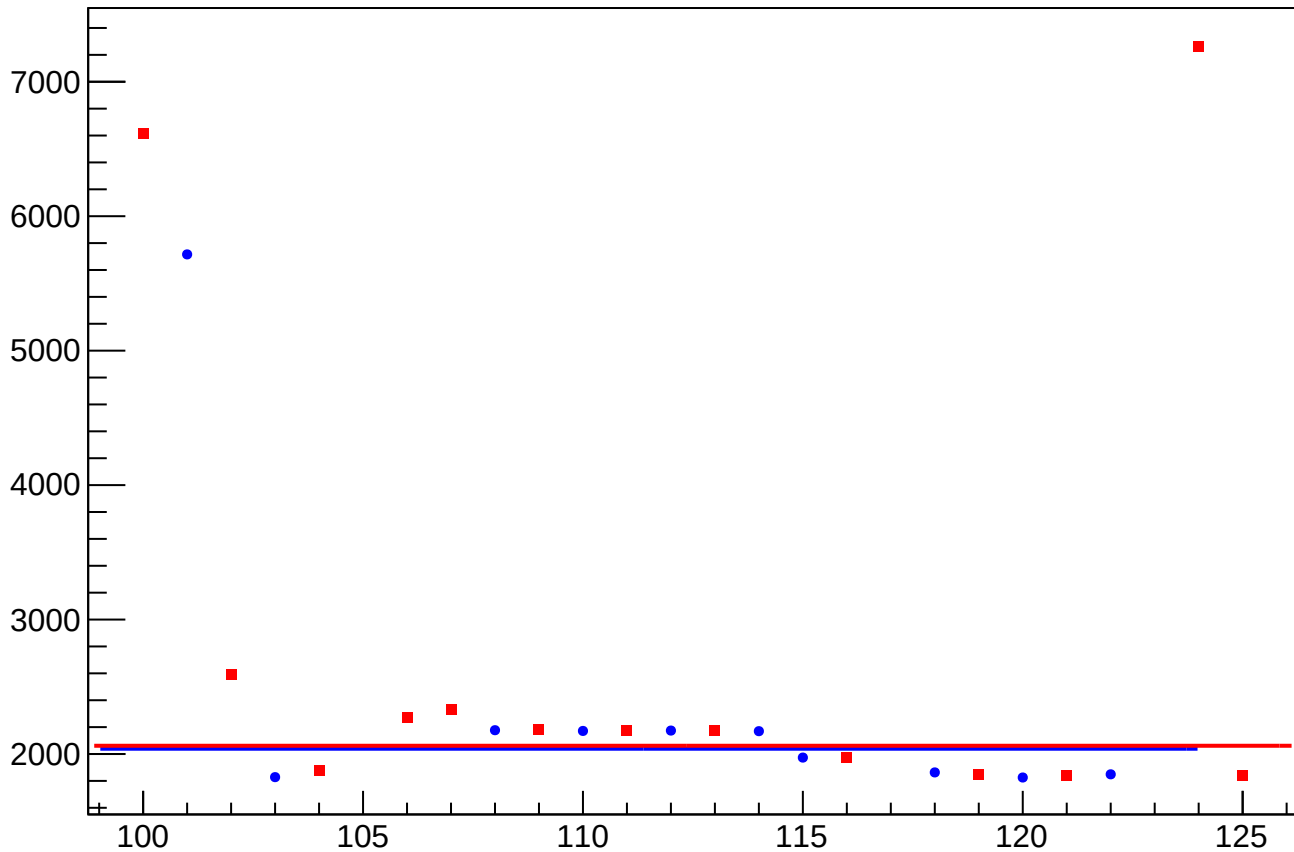
Right: -515.366+/-702.576 χ^2/NDF : 20.0/22

In: -63.963+/-1047.236 χ^2/NDF : 7.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -515.366+/-702.576 χ^2/NDF : 20.0/22

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: 2061.388+/-0.670 χ^2/NDF : 336886.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

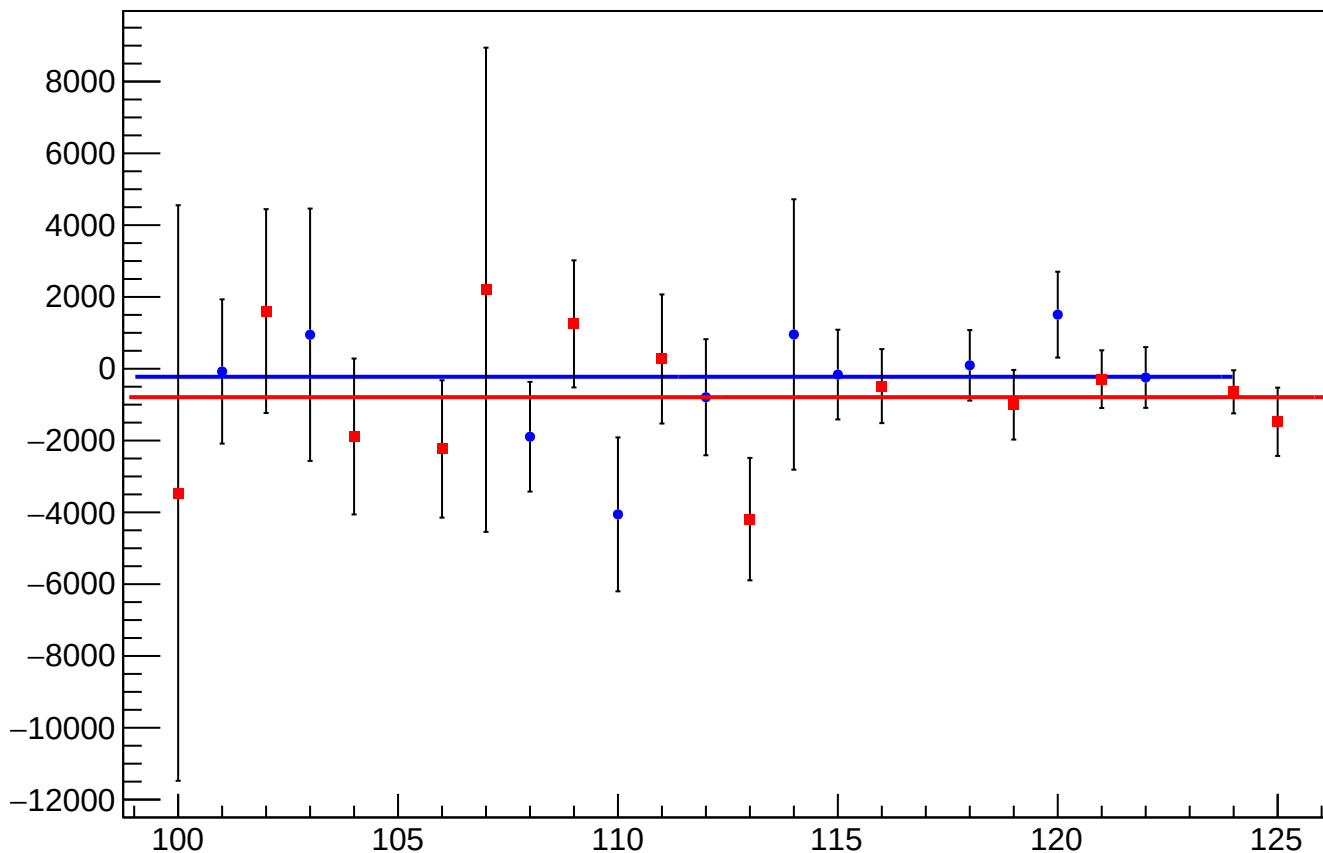
Right: 2051.464+/-0.497 χ^2/NDF : 935063.6/22

In: 2039.340+/-0.741 χ^2/NDF : 597689.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2051.464+/-0.497 χ^2/NDF : 935063.6/22

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: -791.097+/-332.397 χ^2/NDF : 8.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

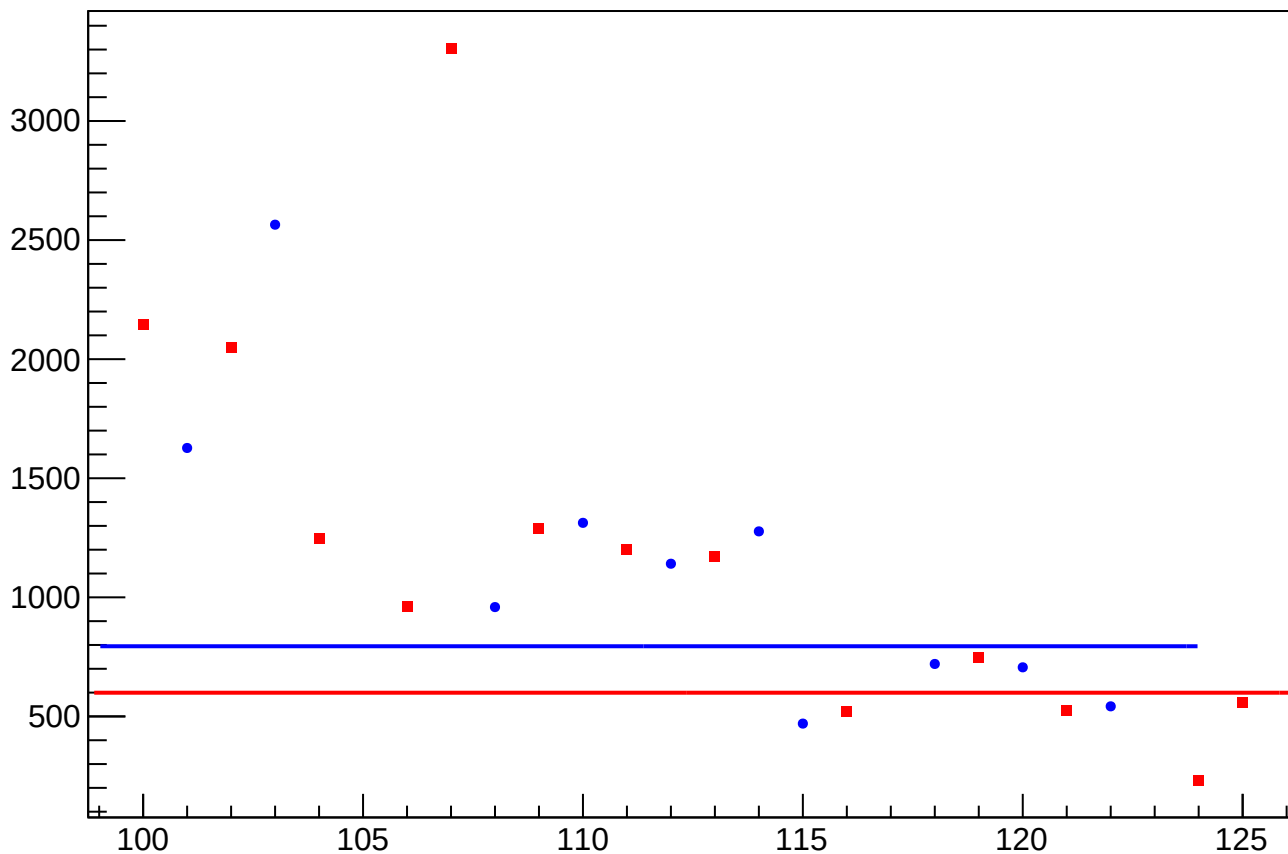
Right: -583.970+/-264.888 χ^2/NDF : 16.6/22

In: -223.541+/-438.479 χ^2/NDF :6.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -583.970+/-264.888 χ^2/NDF : 16.6/22

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: 599.547+/-0.235 χ^2/NDF : 2756687.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

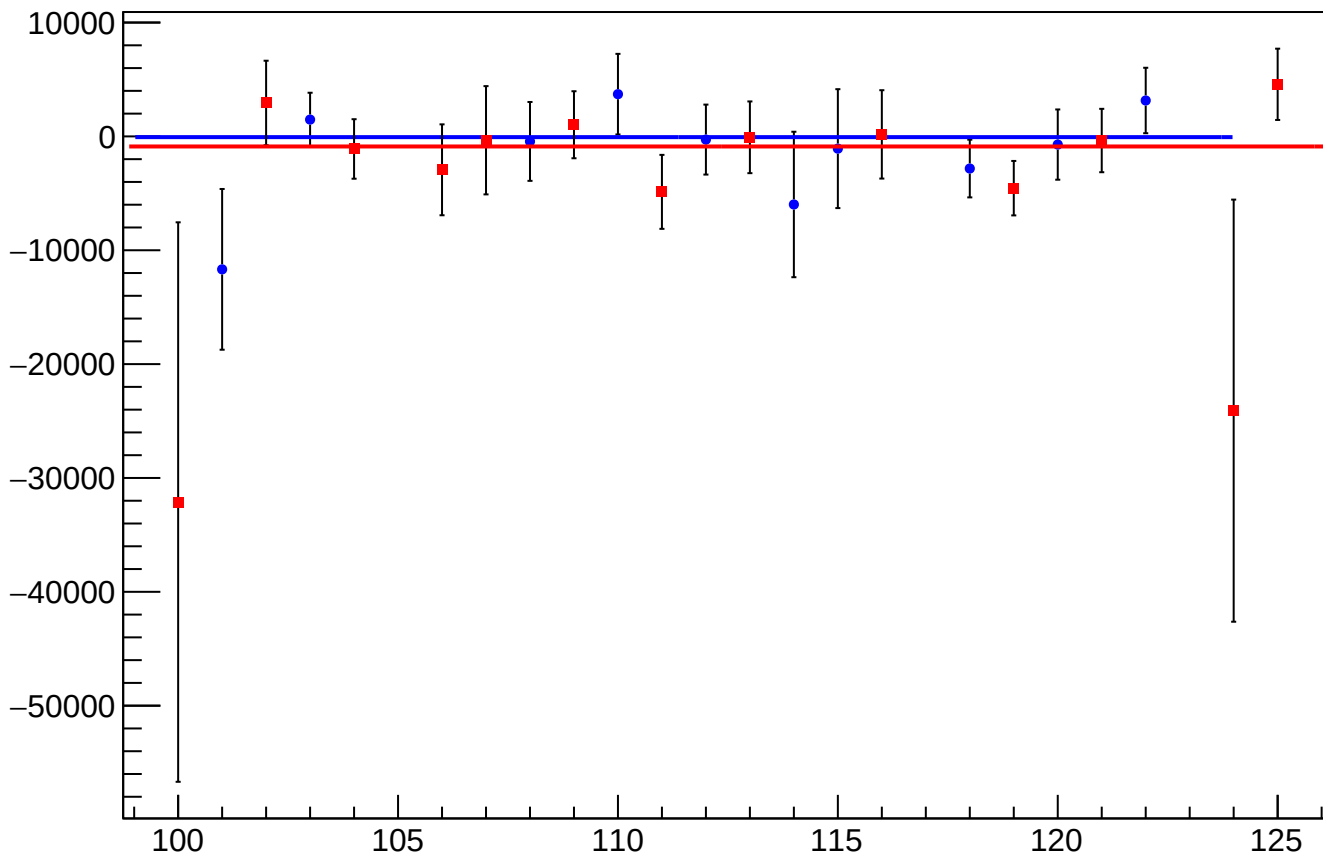
Right: 670.740+/-0.187 χ^2/NDF : 4458816.5/22

In: 794.625+/-0.310 χ^2/NDF :1450731.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 670.740+/-0.187 χ^2/NDF : 4458816.5/22

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: -884.826+/-947.429 χ^2/NDF : 12.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

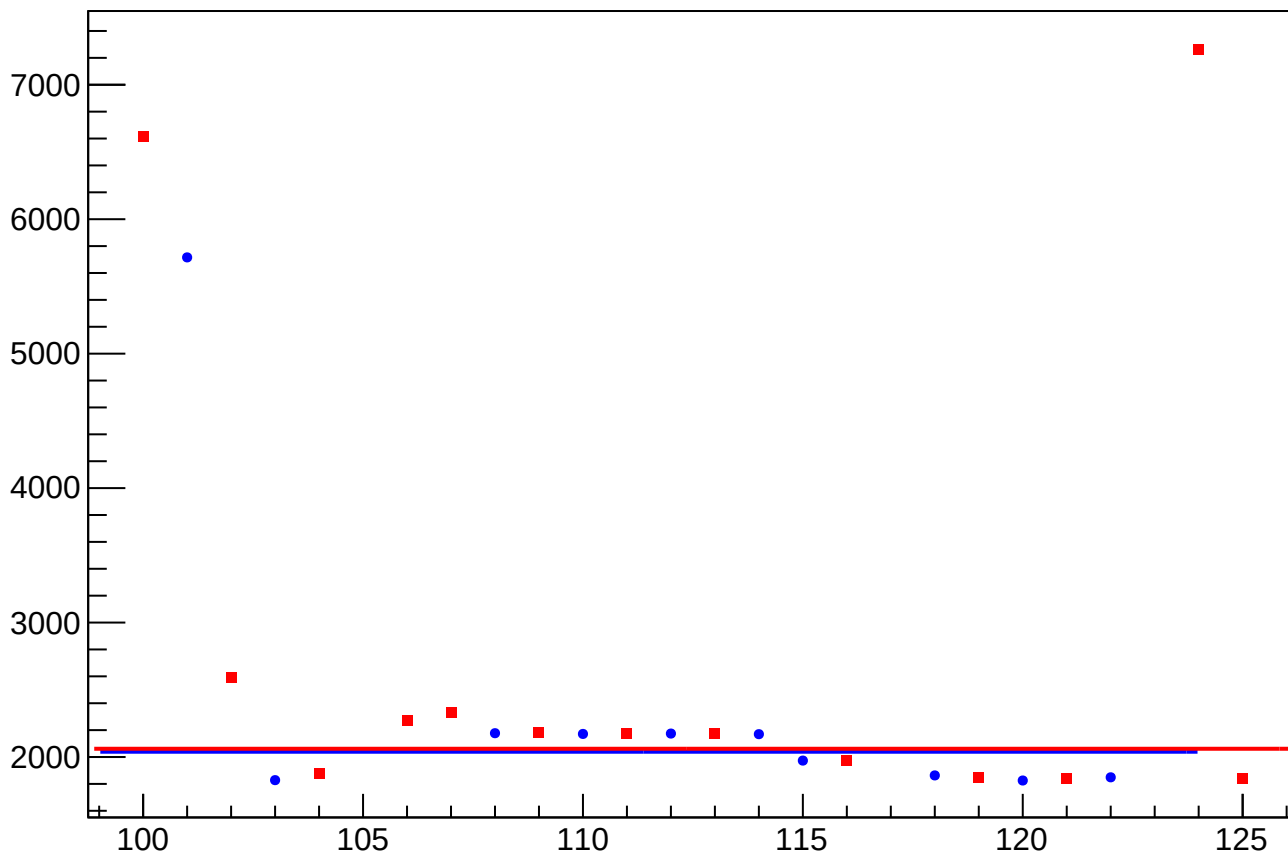
Right: -515.366+/-702.576 χ^2/NDF : 20.0/22

In: -63.963+/-1047.236 χ^2/NDF :7.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -515.366+/-702.576 χ^2/NDF : 20.0/22

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: 2061.388+/-0.670 χ^2/NDF : 336886.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

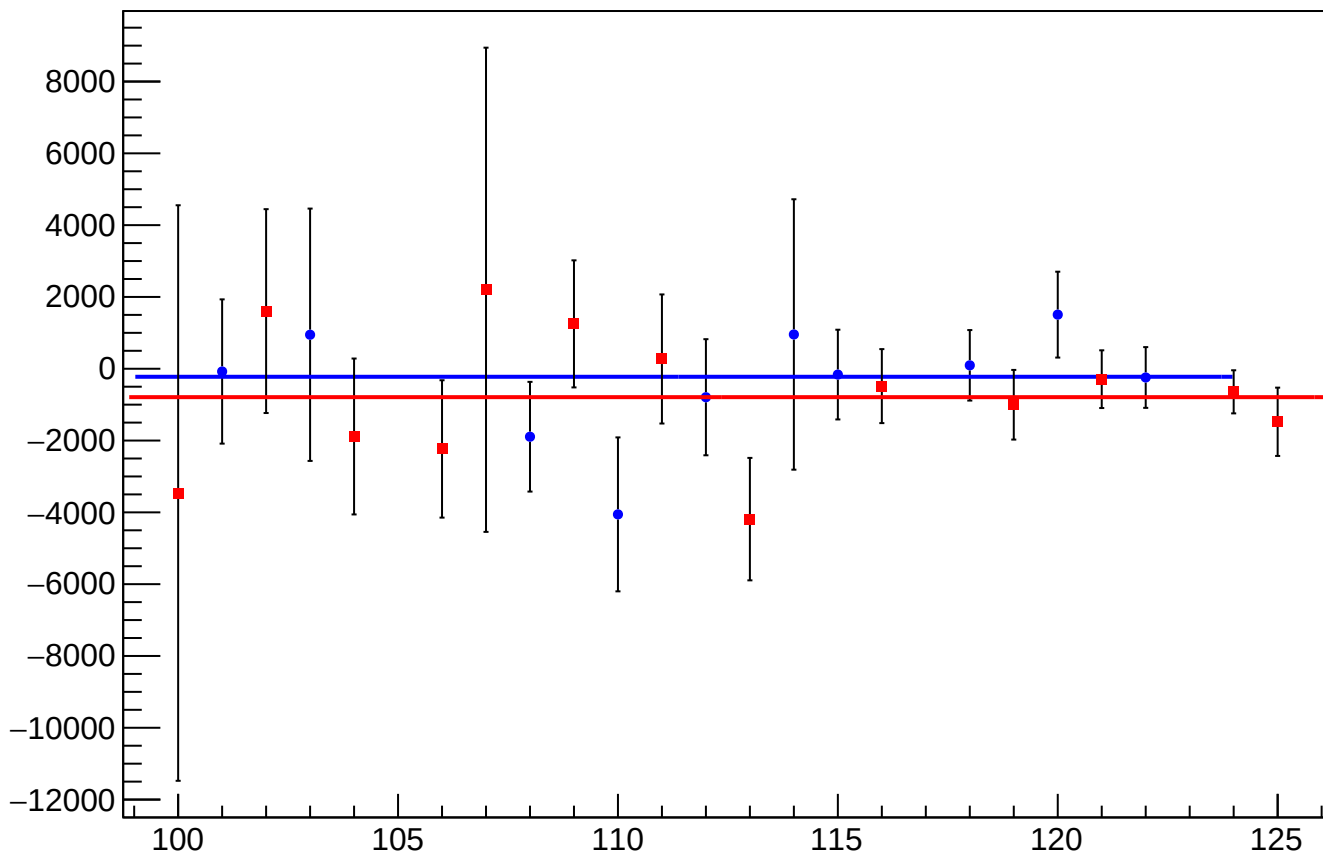
Right: 2051.464+/-0.497 χ^2/NDF : 935063.6/22

In: 2039.340+/-0.741 χ^2/NDF : 597689.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2051.464+/-0.497 χ^2/NDF : 935063.6/22

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: -791.097+/-332.397 χ^2/NDF : 8.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

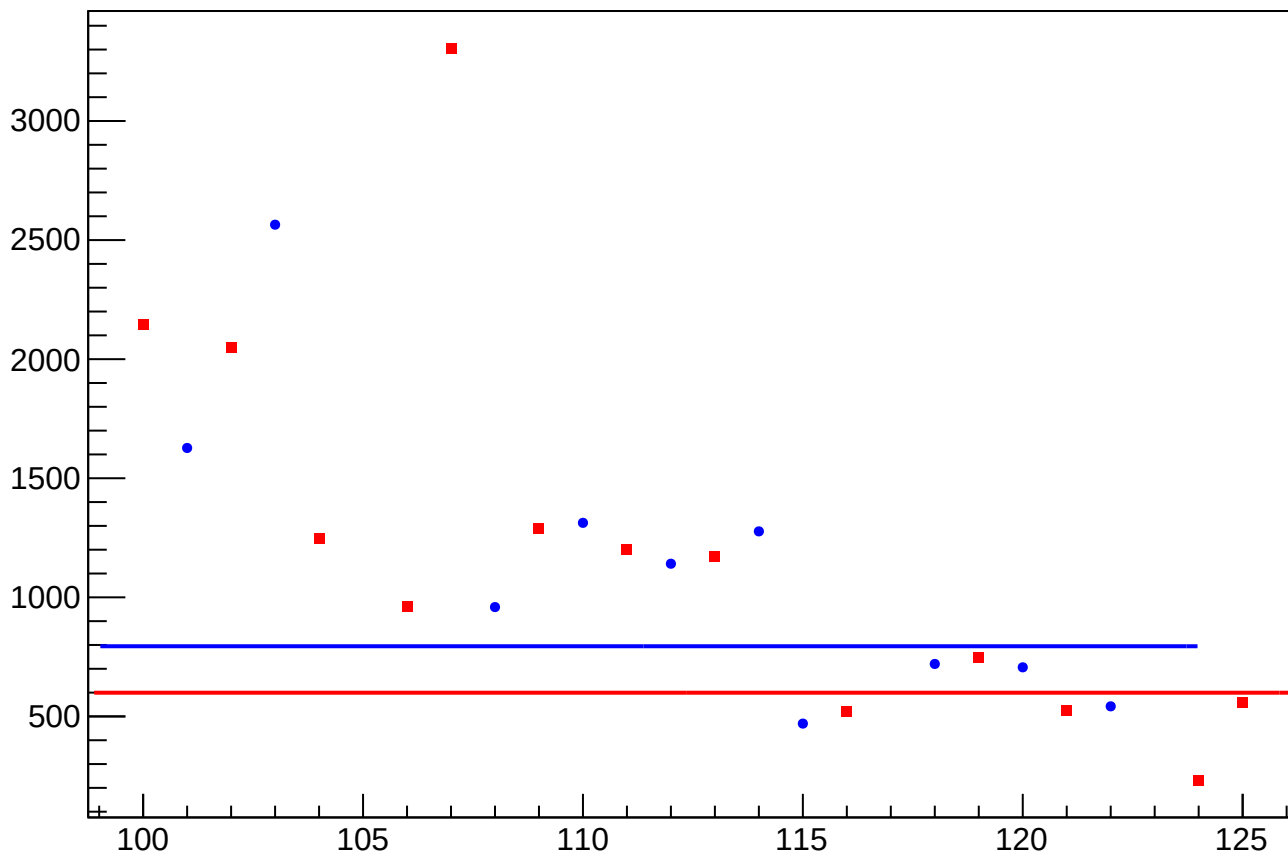
Right: -583.970+/-264.888 χ^2/NDF : 16.6/22

In: -223.541+/-438.479 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -583.970+/-264.888 χ^2/NDF : 16.6/22

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: 599.547+/-0.235 χ^2/NDF : 2756687.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

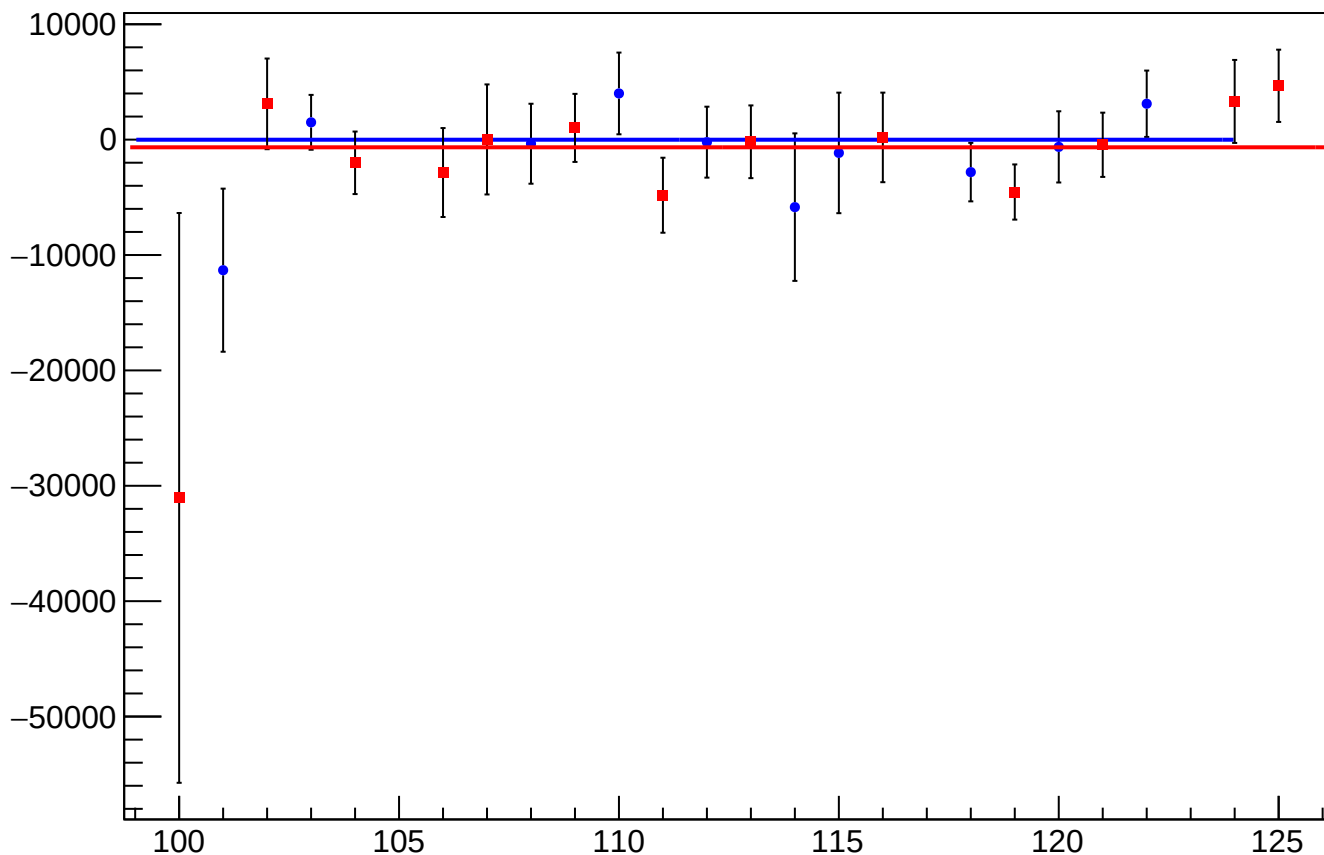
Right: 670.740+/-0.187 χ^2/NDF : 4458816.5/22

In: 794.625+/-0.310 χ^2/NDF :1450731.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 670.740+/-0.187 χ^2/NDF : 4458816.5/22

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: -664.307 ± 923.018 χ^2/NDF : 11.8/12

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

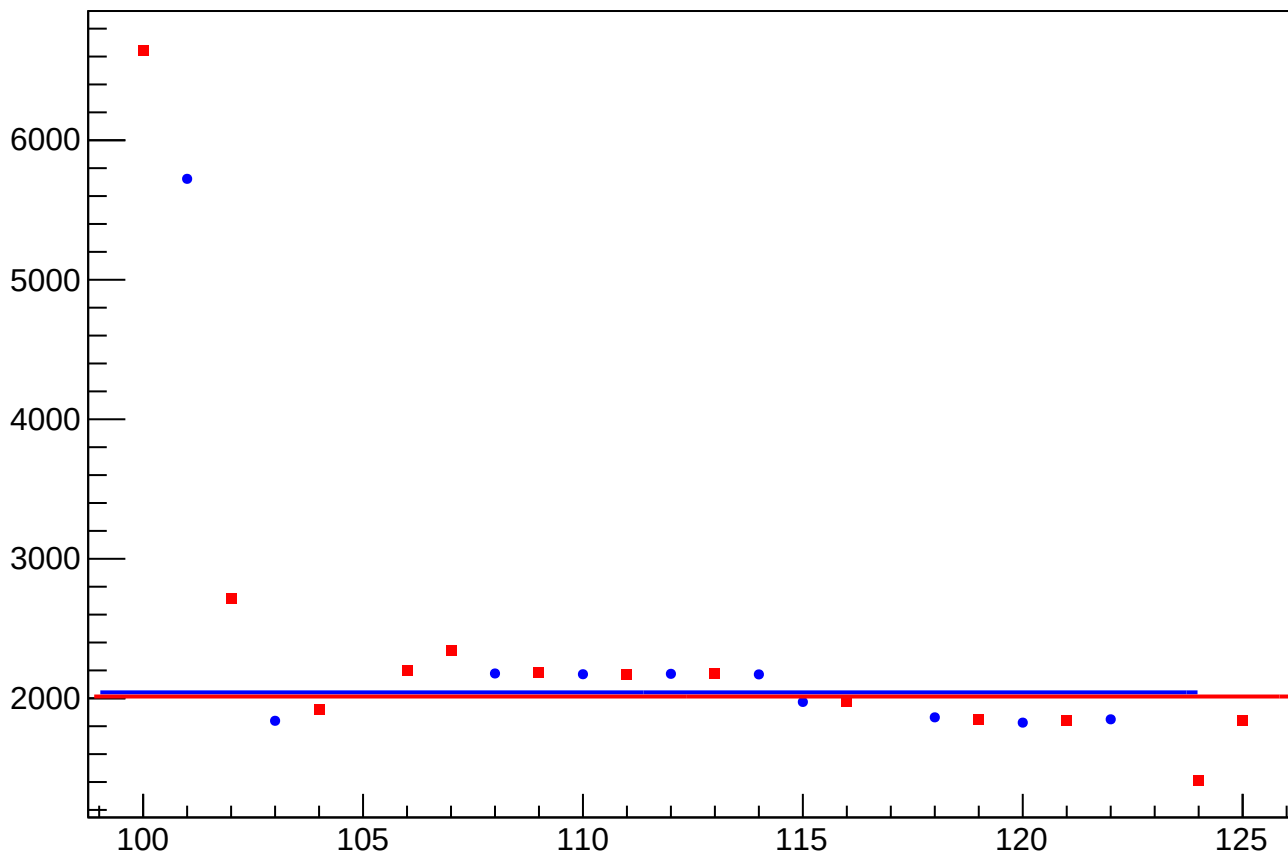
Right: -377.859 ± 692.993 χ^2/NDF : 19.6/22

In: -7.790 ± 1049.129 χ^2/NDF : 7.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -377.859 ± 692.993 χ^2/NDF : 19.6/22

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: 2012.901+/-0.653 χ^2/NDF : 246906.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

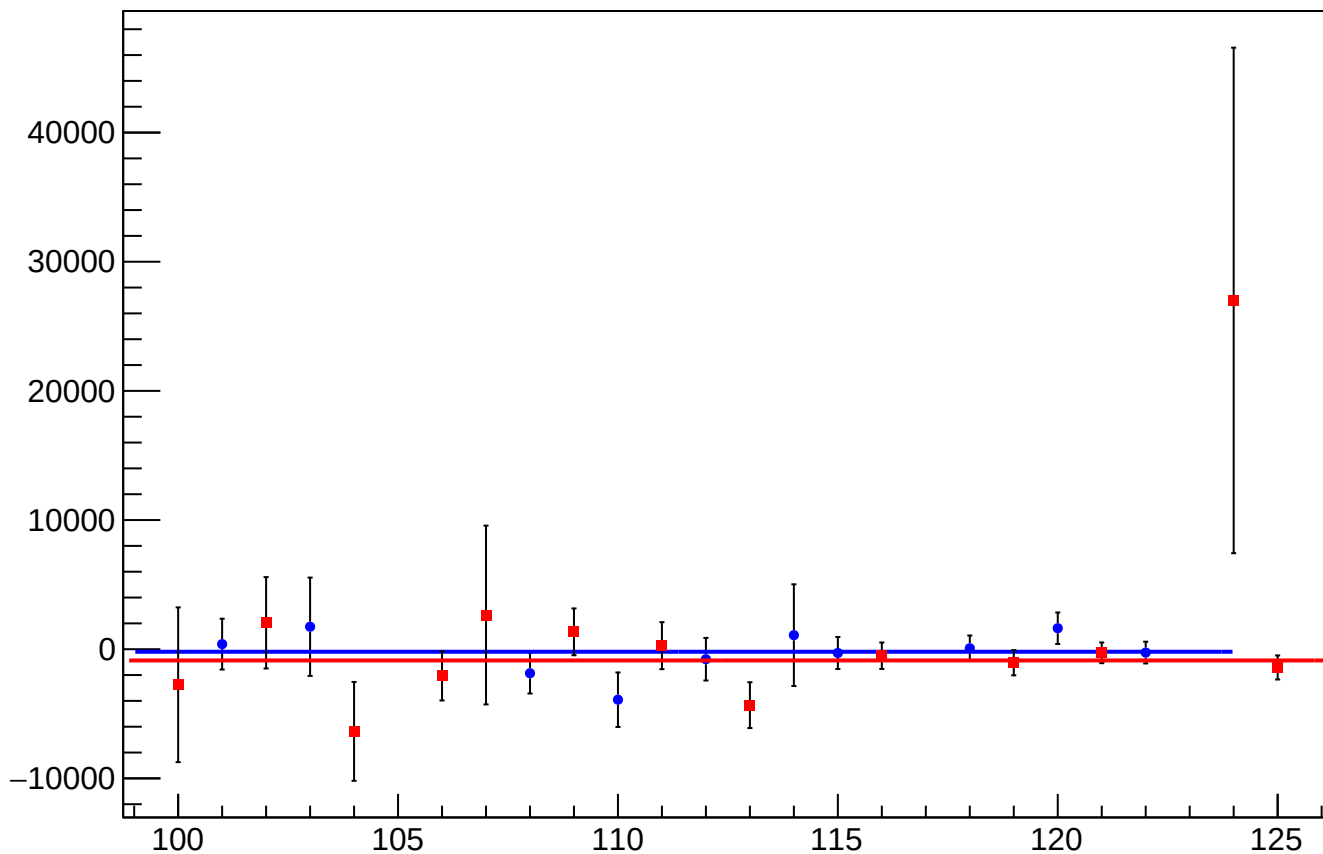
Right: 2025.860+/-0.490 χ^2/NDF : 844446.7/22

In: 2042.602+/-0.742 χ^2/NDF : 596636.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2025.860+/-0.490 χ^2/NDF : 844446.7/22

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: -869.216+/-404.346 χ^2/NDF : 12.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

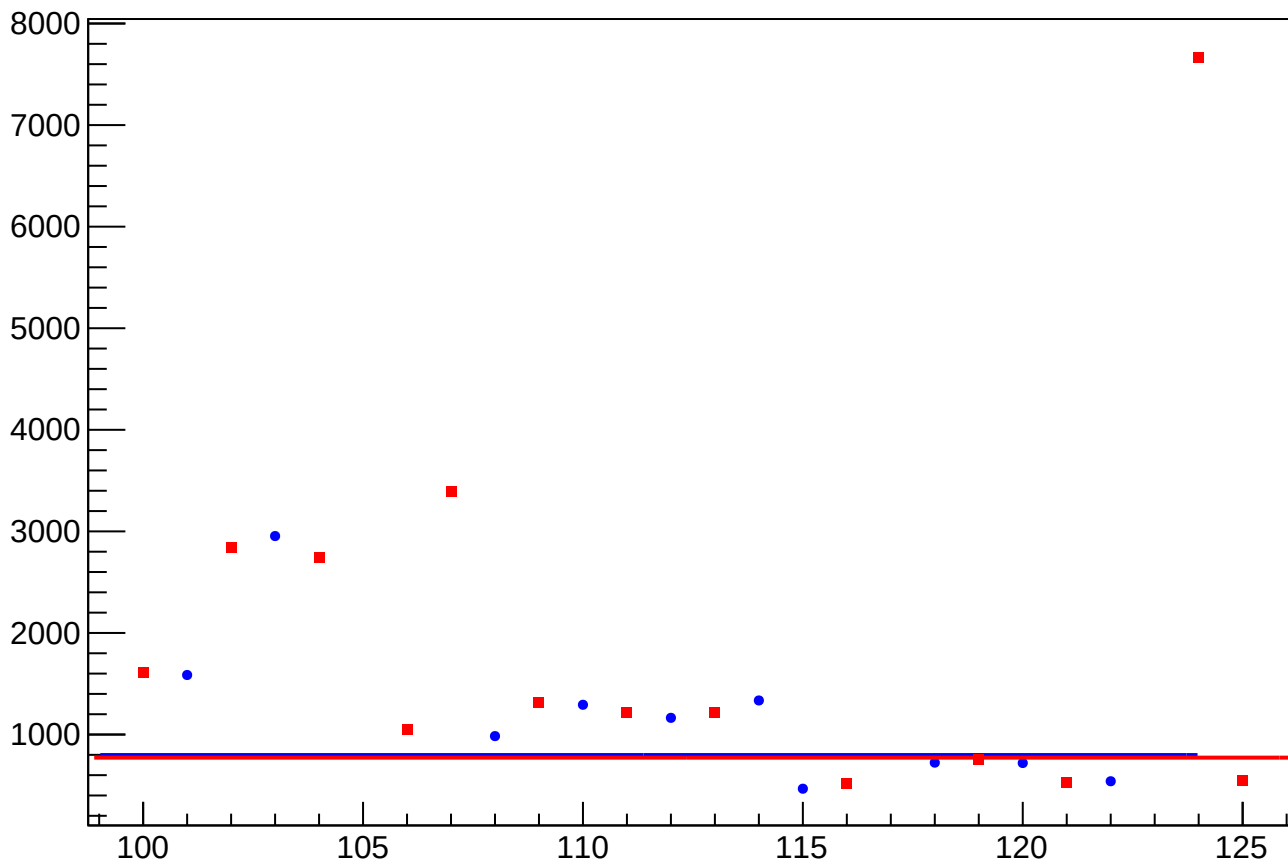
Right: -561.456+/-297.871 χ^2/NDF : 20.6/22

In: -196.240+/-440.476 χ^2/NDF : 7.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -561.456+/-297.871 χ^2/NDF : 20.6/22

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: 772.618+/-0.286 χ^2/NDF : 2696009.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

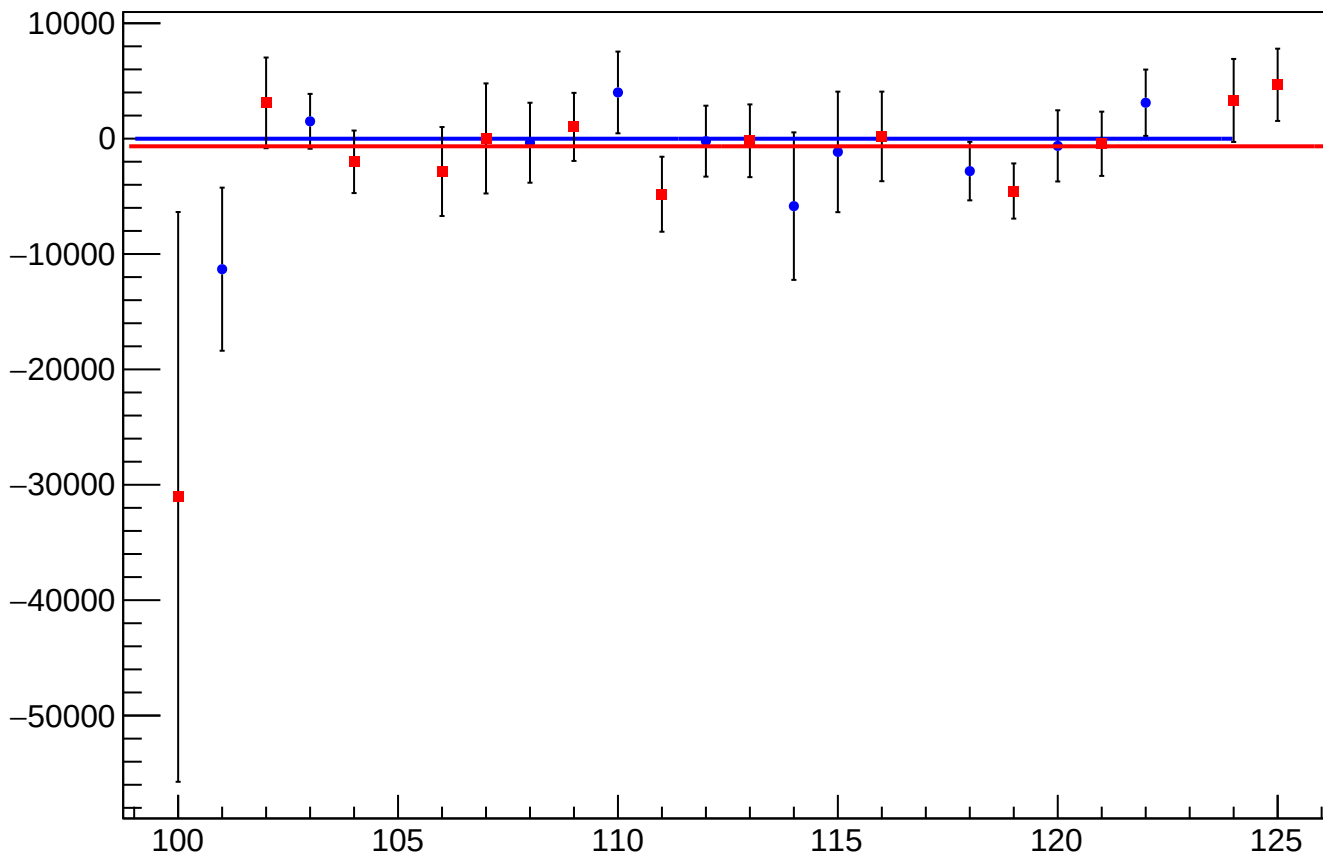
Right: 784.234+/-0.211 χ^2/NDF : 4286576.5/22

In: 798.020+/-0.311 χ^2/NDF :1586956.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 784.234+/-0.211 χ^2/NDF : 4286576.5/22

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: -664.307+/-923.018 χ^2/NDF : 11.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

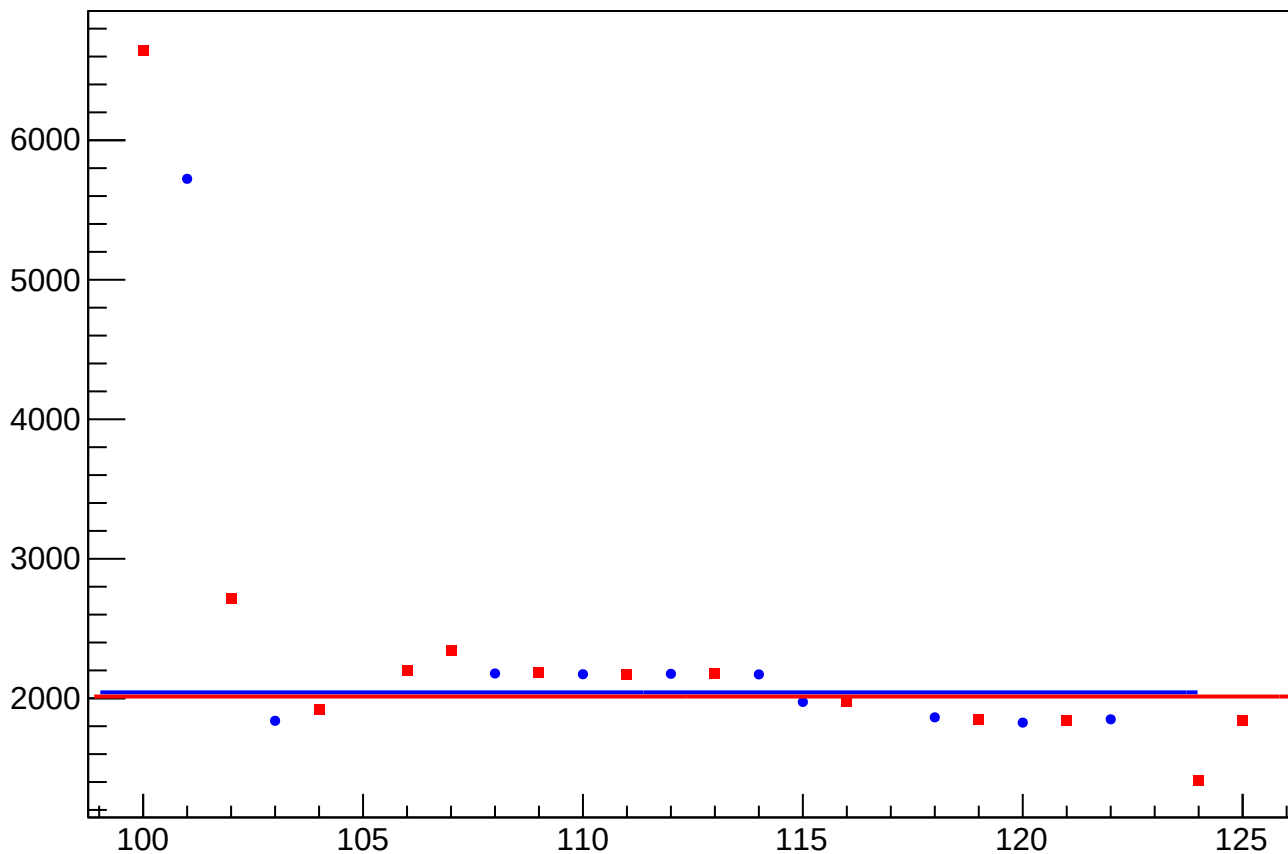
Right: -377.860+/-692.993 χ^2/NDF : 19.6/22

In: -7.791+/-1049.129 χ^2/NDF :7.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -377.860+/-692.993 χ^2/NDF : 19.6/22

eigen_dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2042.602+/-0.742 χ^2/NDF : 596636.7/9

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

Right Out: 2012.901+/-0.653 χ^2/NDF : 246906.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

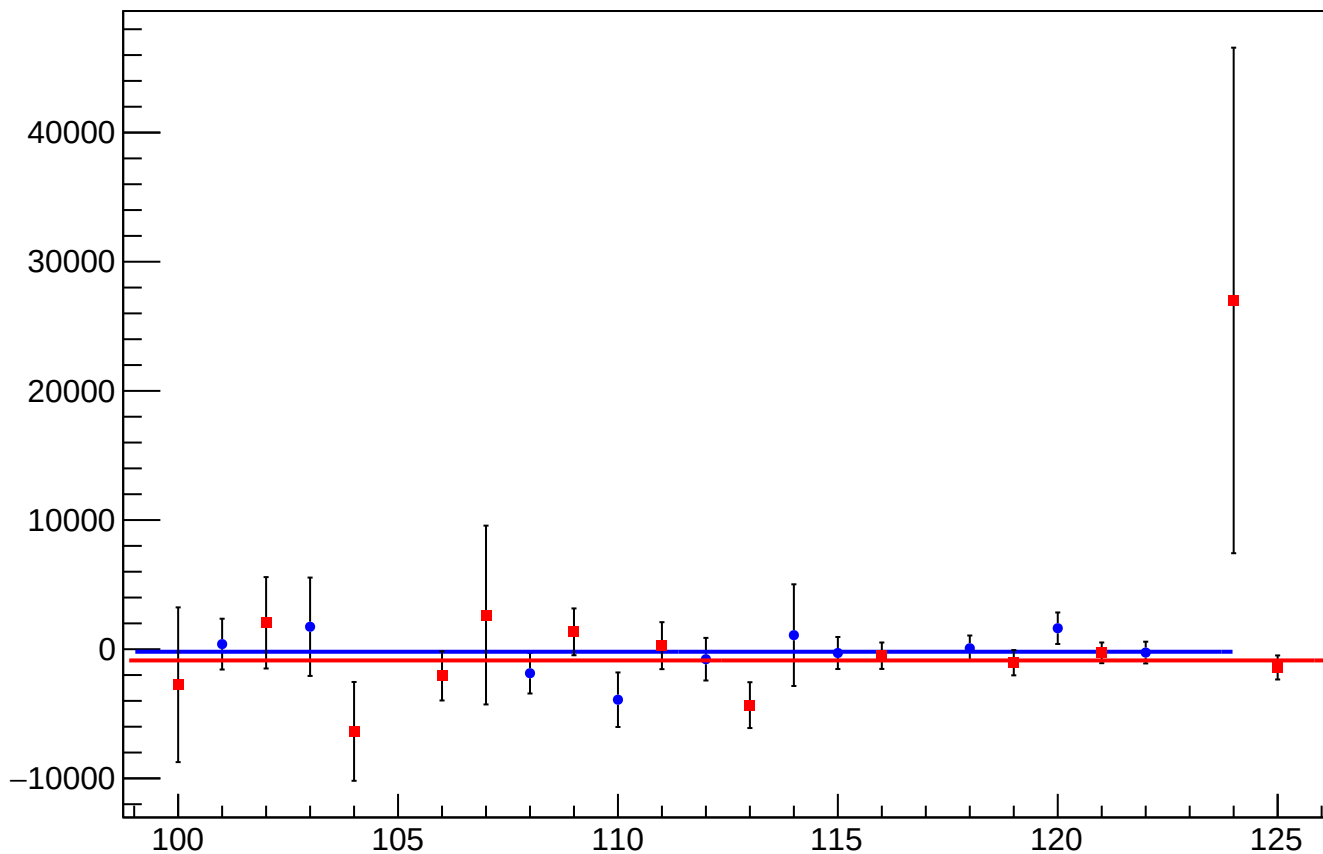
Right: 2025.860+/-0.490 χ^2/NDF : 844446.6/22

In: 2042.602+/-0.742 χ^2/NDF : 596636.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2025.860+/-0.490 χ^2/NDF : 844446.6/22

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: -869.216+/-404.346 χ^2/NDF : 12.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

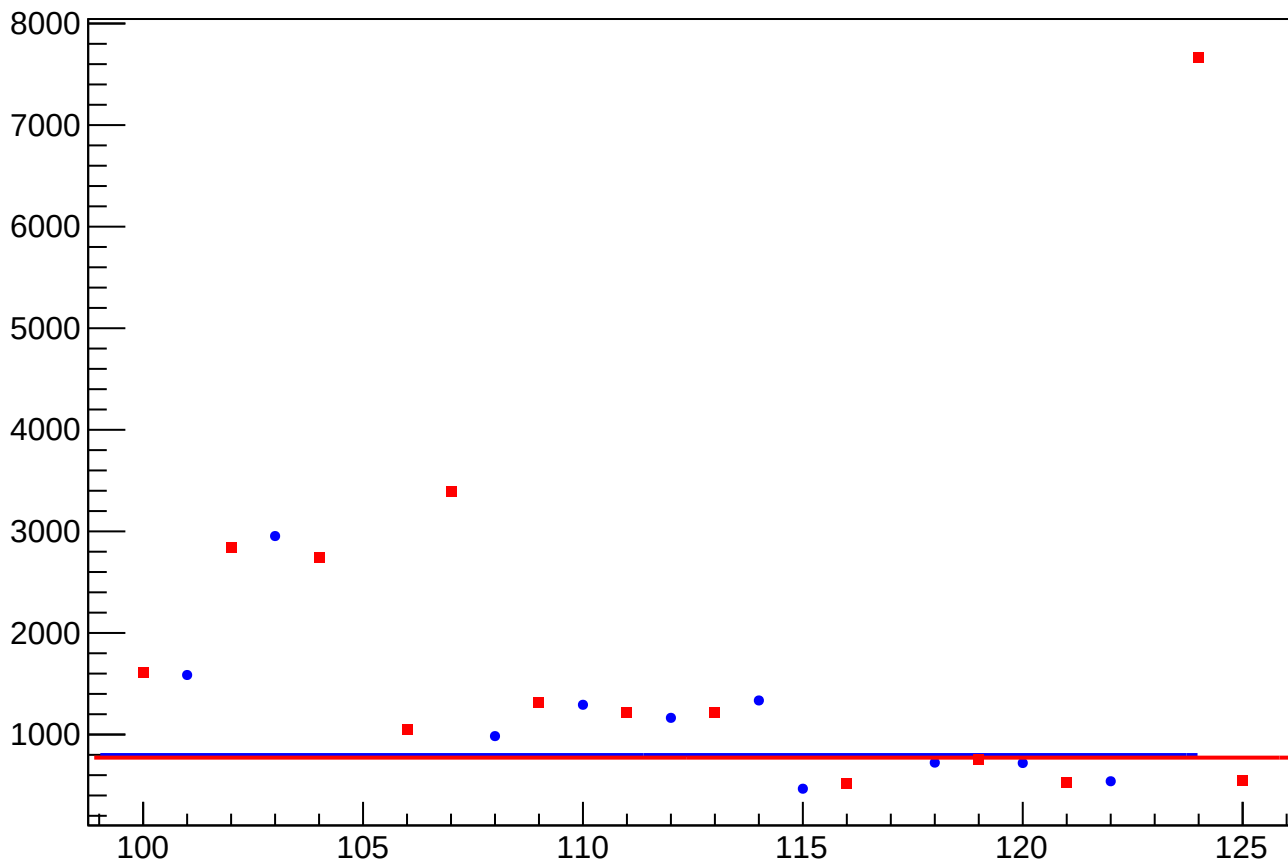
Right: -561.456+/-297.871 χ^2/NDF : 20.6/22

In: -196.241+/-440.475 χ^2/NDF : 7.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -561.456+/-297.871 χ^2/NDF : 20.6/22

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: 772.617+/-0.286 χ^2/NDF : 2696010.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

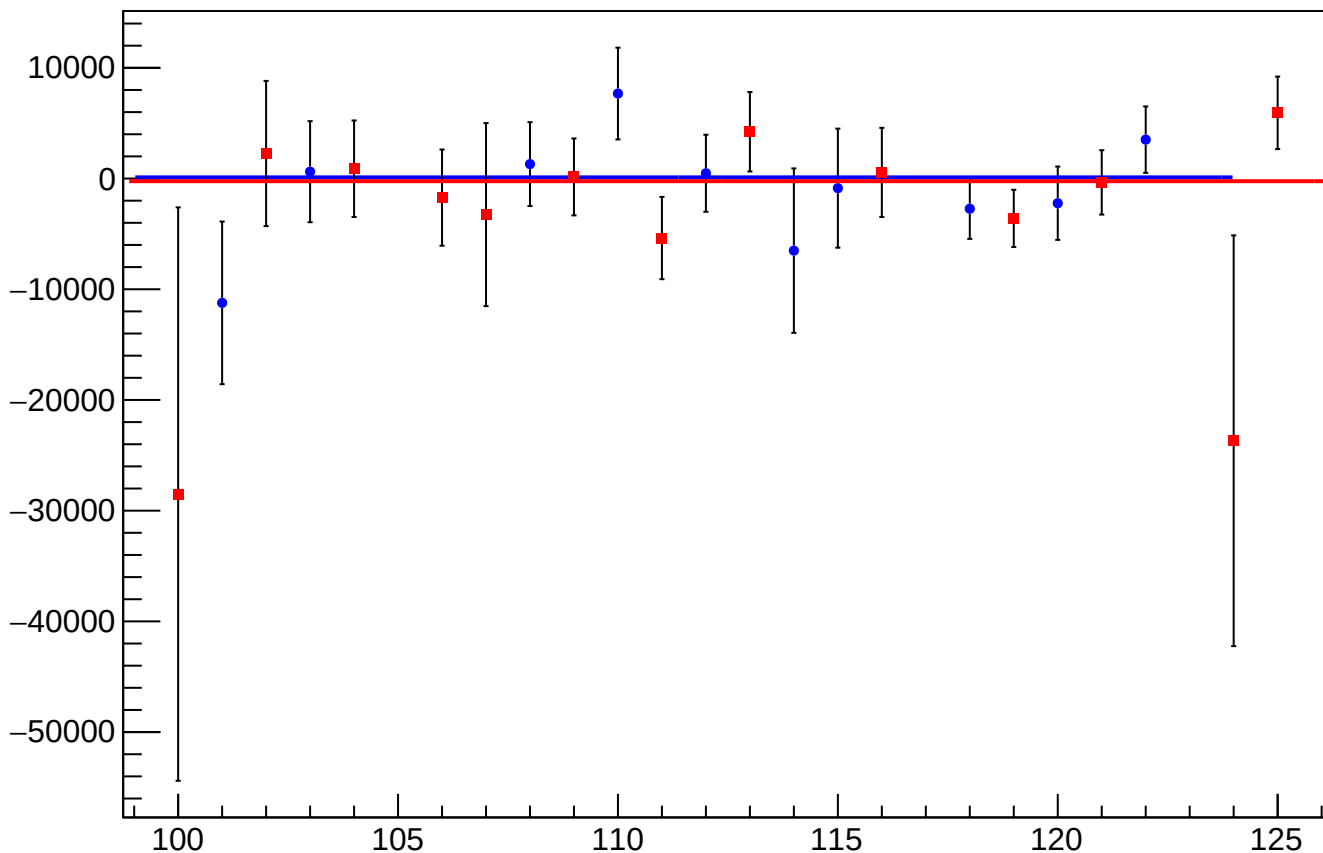
Right: 784.234+/-0.211 χ^2/NDF : 4286579.5/22

In: 798.019+/-0.311 χ^2/NDF :1586959.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 784.234+/-0.211 χ^2/NDF : 4286579.5/22

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: -240.371+/-1115.287 χ^2/NDF : 12.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

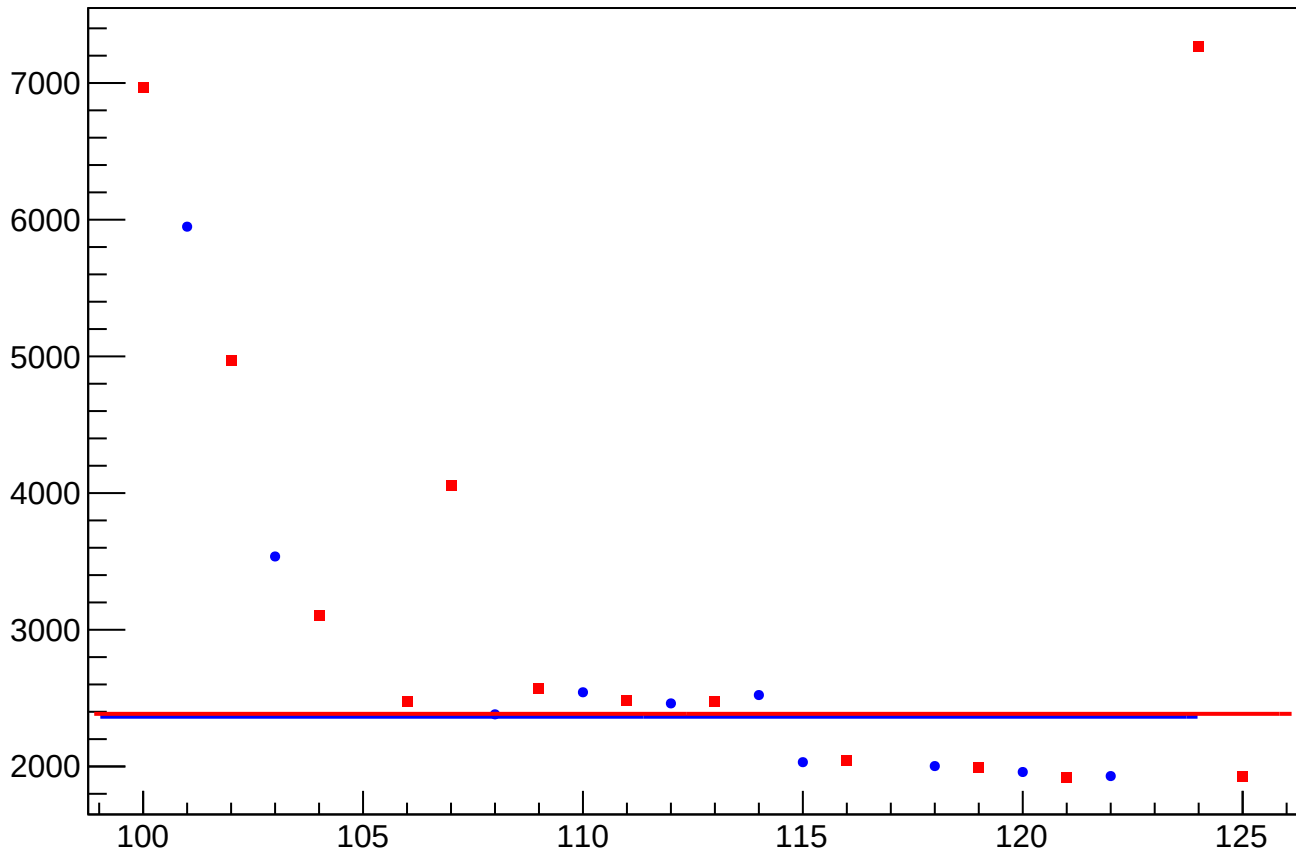
Right: -83.617+/-824.578 χ^2/NDF : 21.6/22

In: 105.379+/-1224.626 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -83.617+/-824.578 χ^2/NDF : 21.6/22

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: 2385.046+/-0.789 χ^2/NDF : 807453.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

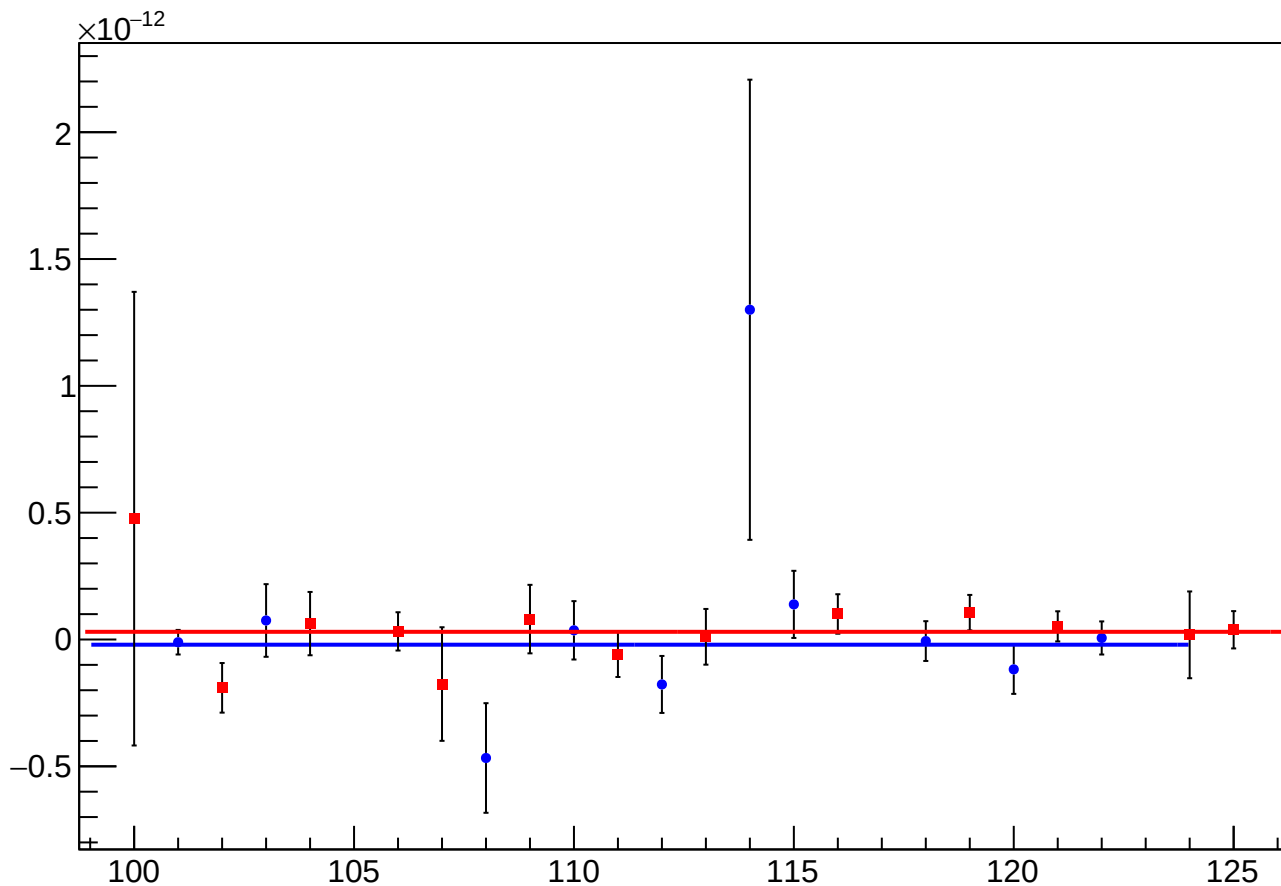
Right: 2375.499+/-0.583 χ^2/NDF : 1536919.2/22

In: 2363.989+/-0.866 χ^2/NDF : 729142.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2375.499+/-0.583 χ^2/NDF : 1536919.2/22

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 : 9.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

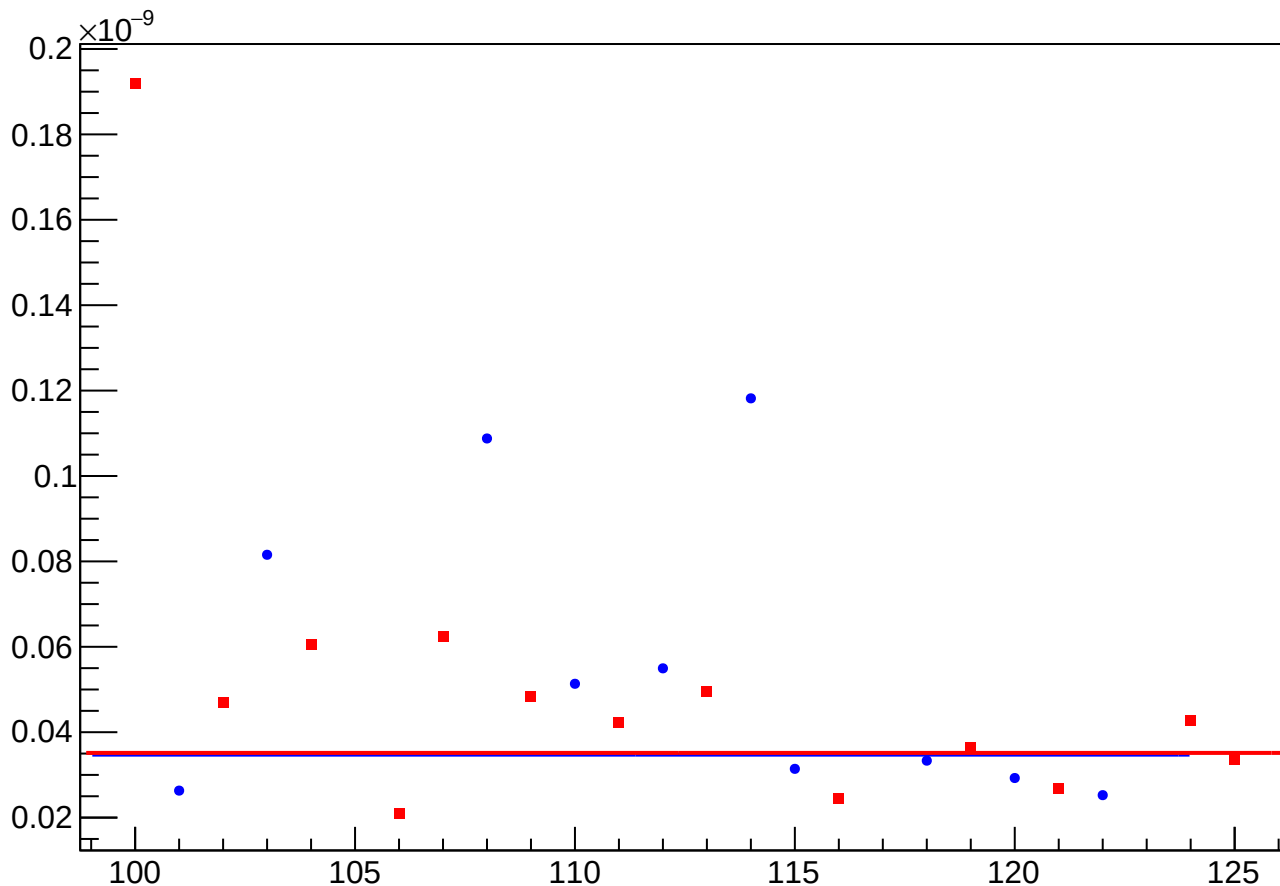
Right: 0.000+/-0.000 χ^2/NDF : 23.0/22

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 : 23.0/22

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 : 423972.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

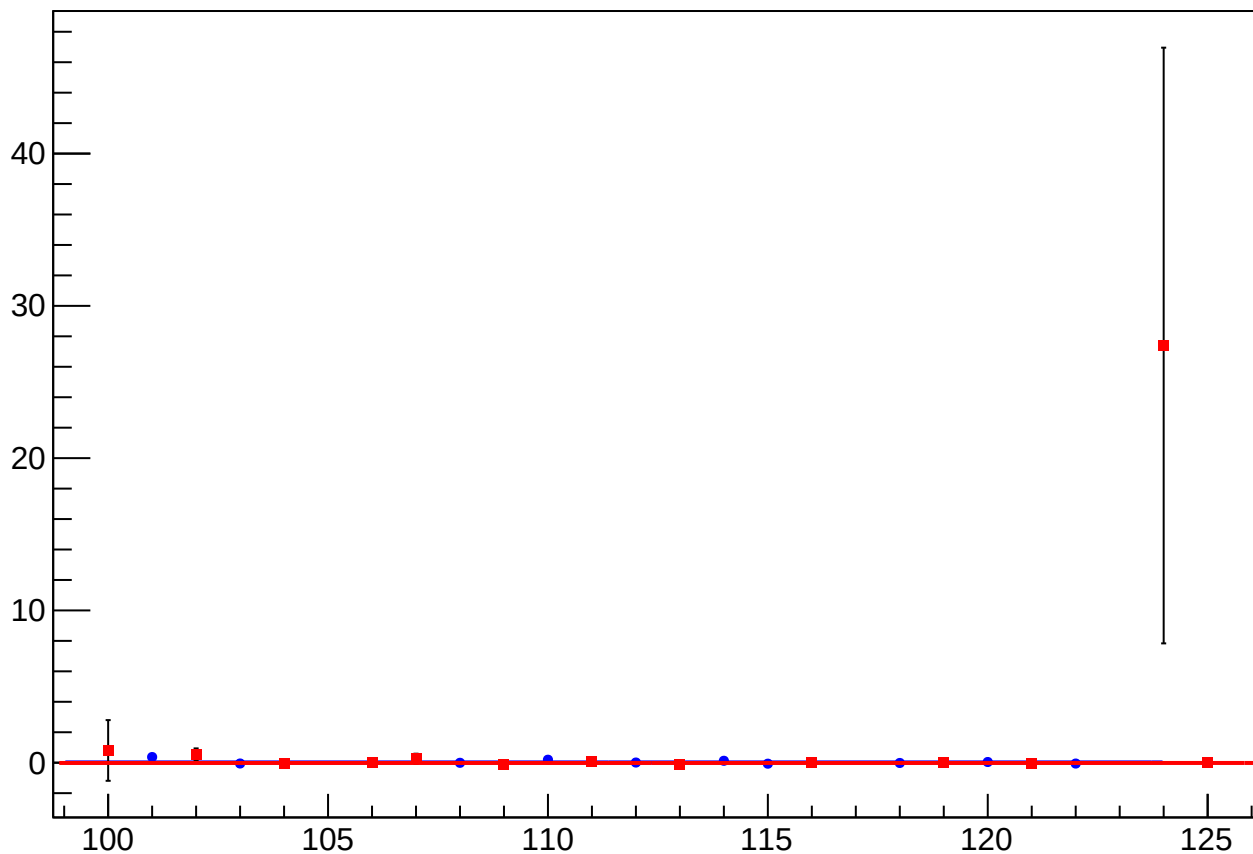
Right: 0.000+/-0.000 χ^2/NDF : 1107031.7/22

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 : 1107031.7/22

asym_at1_dd_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: -0.017+/-0.021 χ^2/NDF : 11.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

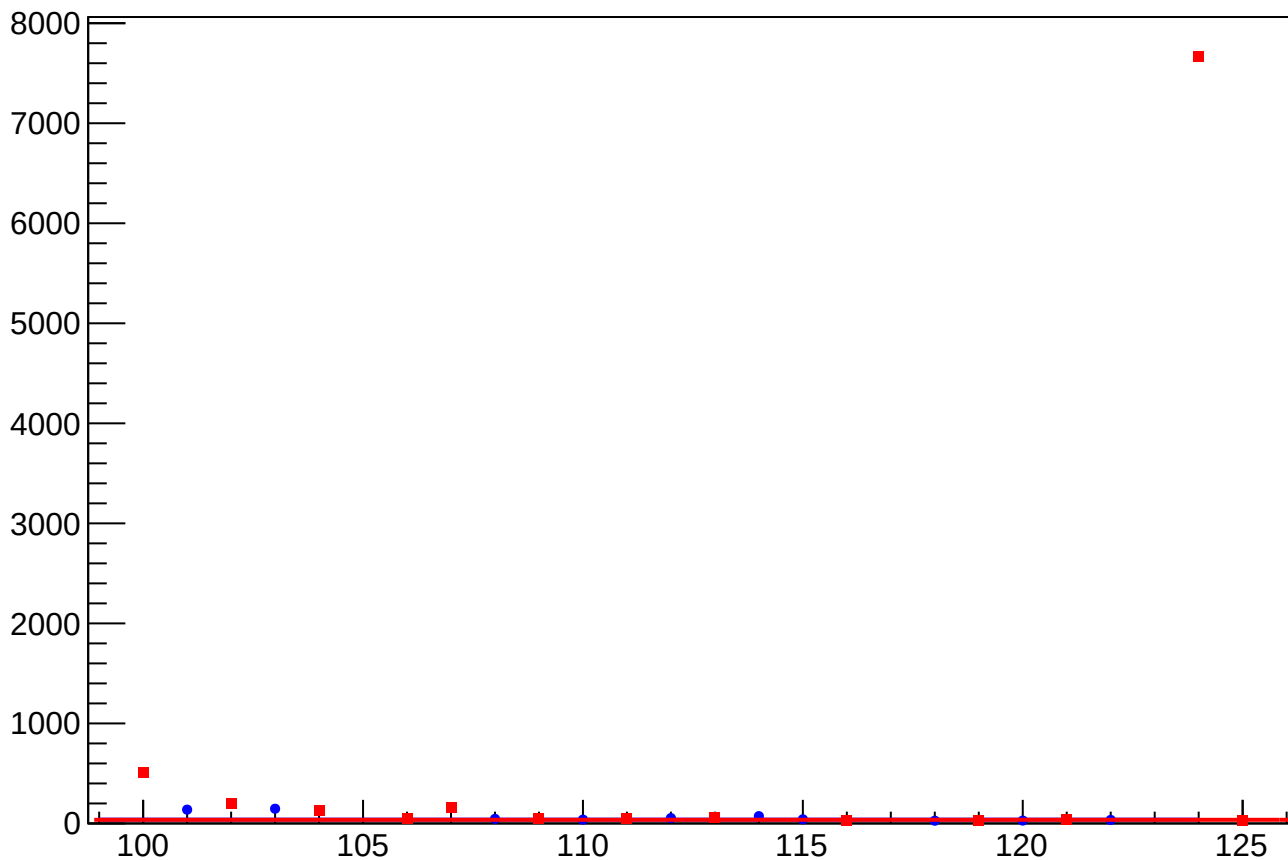
Right: -0.000+/-0.016 χ^2/NDF : 26.3/22

In: 0.019+/-0.023 χ^2/NDF : 13.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.016 χ^2/NDF : 26.3/22

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: 36.576+/-0.015 χ^2/NDF : 1918255.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

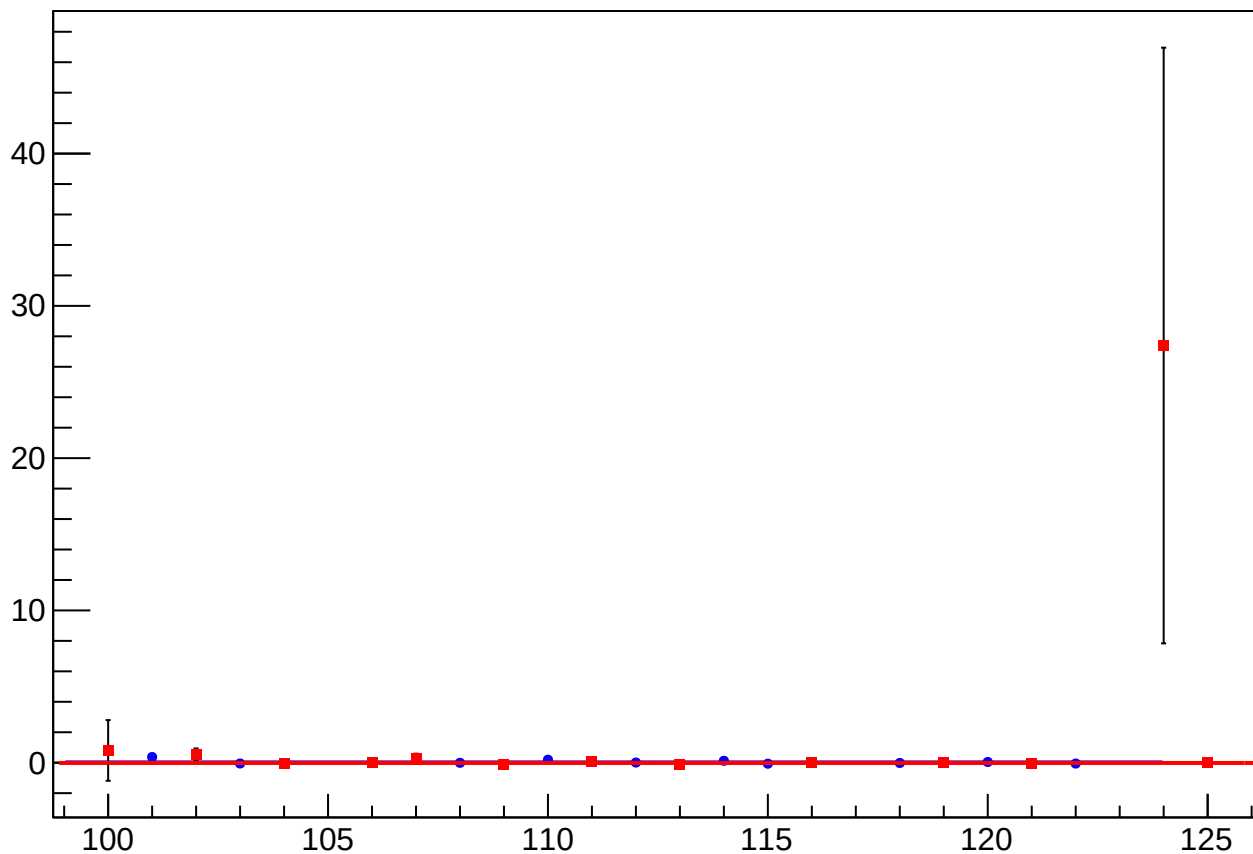
Right: 37.267+/-0.011 χ^2/NDF : 3487227.9/22

In: 38.057+/-0.016 χ^2/NDF : 1564473.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.267+/-0.011 χ^2/NDF : 3487227.9/22

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: -0.017+/-0.021 χ^2/NDF : 11.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

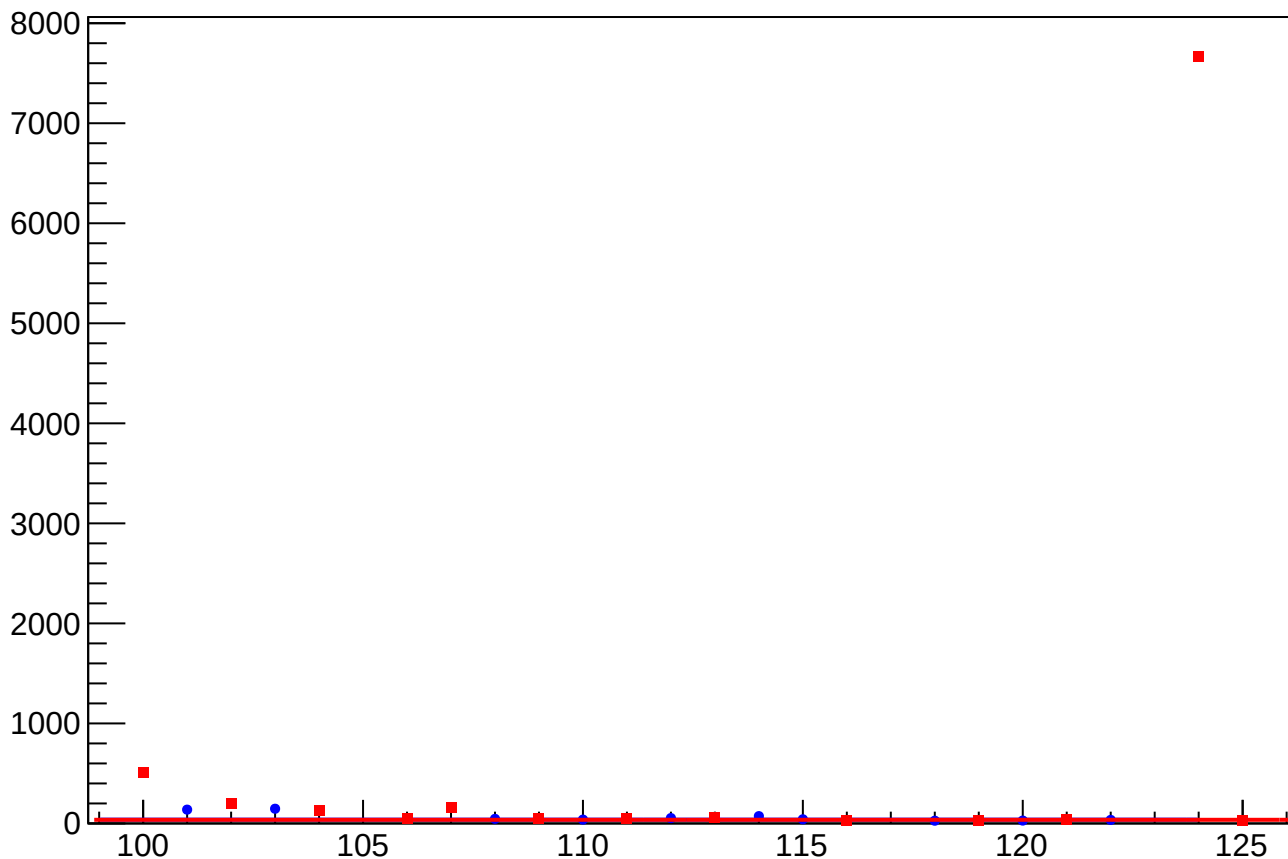
Right: -0.000+/-0.016 χ^2/NDF : 26.3/22

In: 0.019+/-0.023 χ^2/NDF : 13.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.016 χ^2/NDF : 26.3/22

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: 36.576+/-0.015 χ^2/NDF : 1918255.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

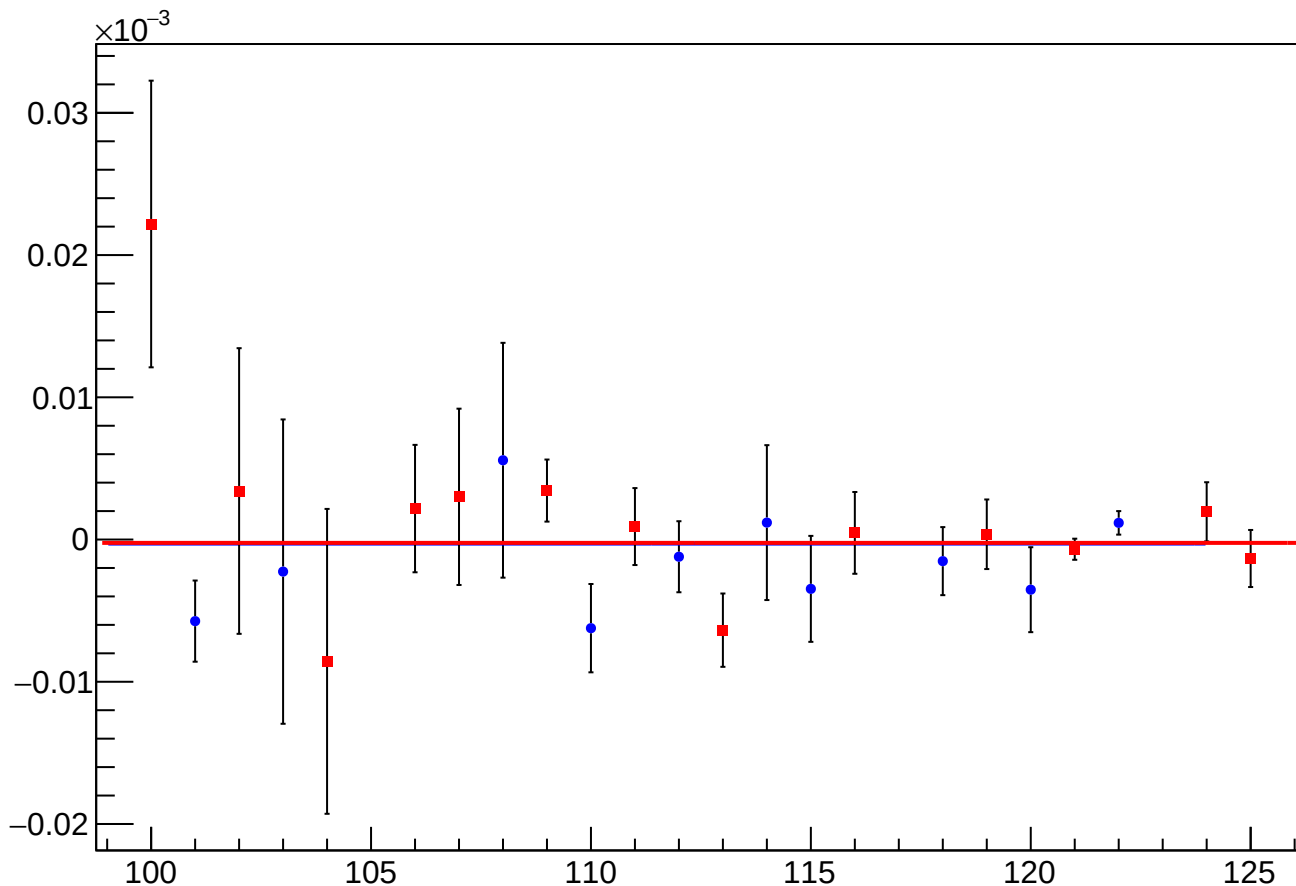
Right: 37.267+/-0.011 χ^2/NDF : 3487227.9/22

In: 38.057+/-0.016 χ^2/NDF : 1564473.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.267+/-0.011 χ^2/NDF : 3487227.9/22

asym_at1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.3/9

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

Right Out: -0.000+/-0.000 χ^2/NDF : 16.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

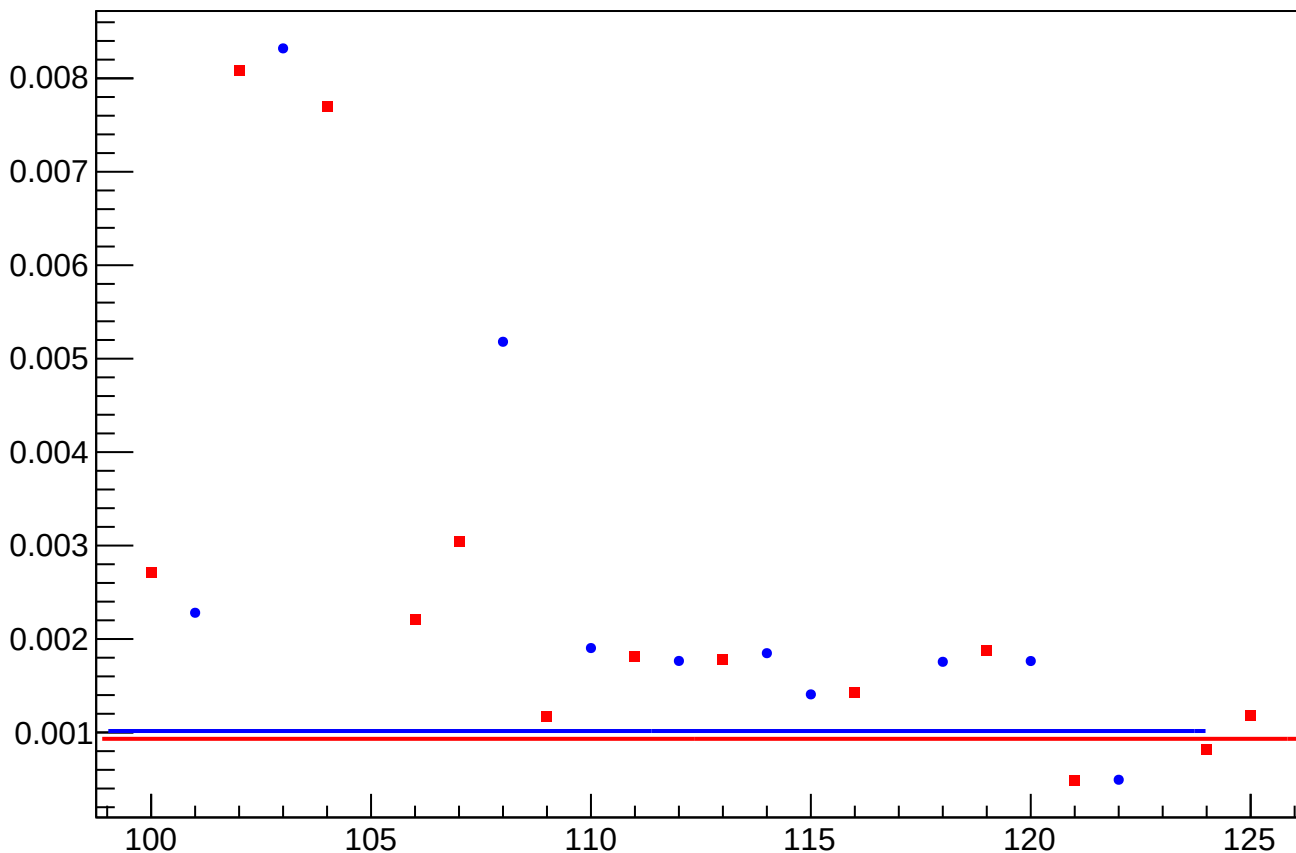
Right: -0.000+/-0.000 χ^2/NDF : 30.2/22

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 : 30.2/22

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 : 3844404.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

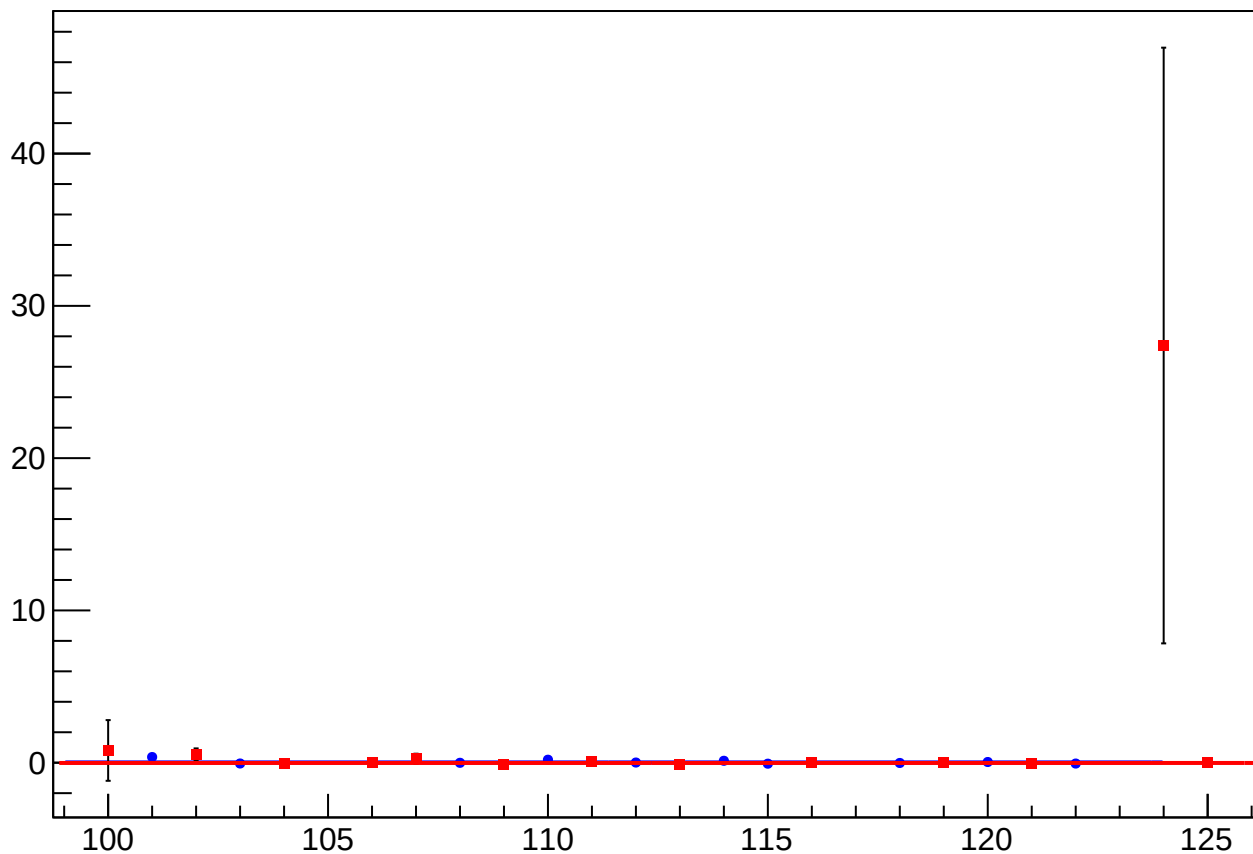
Right: 0.001+/-0.000 χ^2/NDF : 7223530.5/22

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 : 7223530.5/22

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: -0.017+/-0.021 χ^2/NDF : 11.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

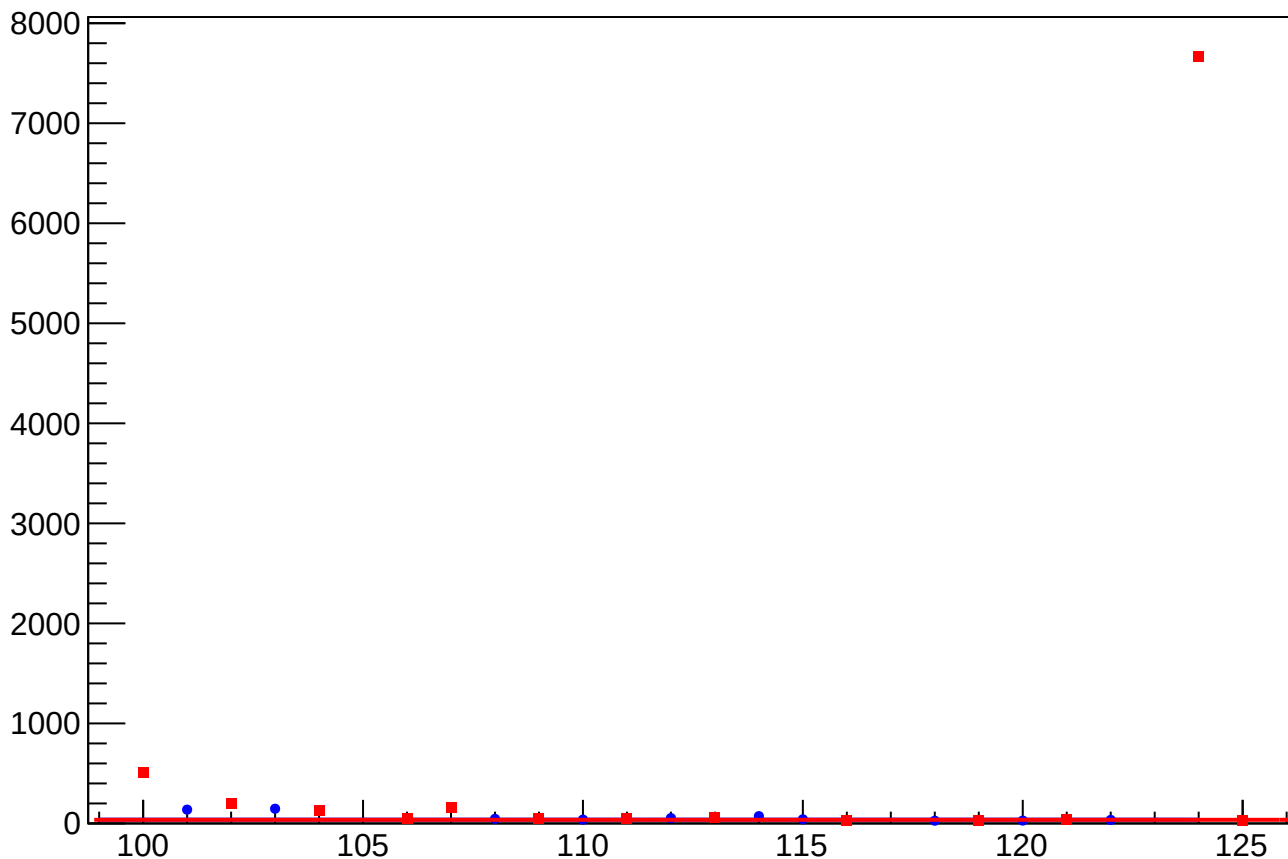
Right: -0.000+/-0.016 χ^2/NDF : 26.3/22

In: 0.019+/-0.023 χ^2/NDF : 13.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.016 χ^2/NDF : 26.3/22

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: 36.576+/-0.015 χ^2/NDF : 1918249.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

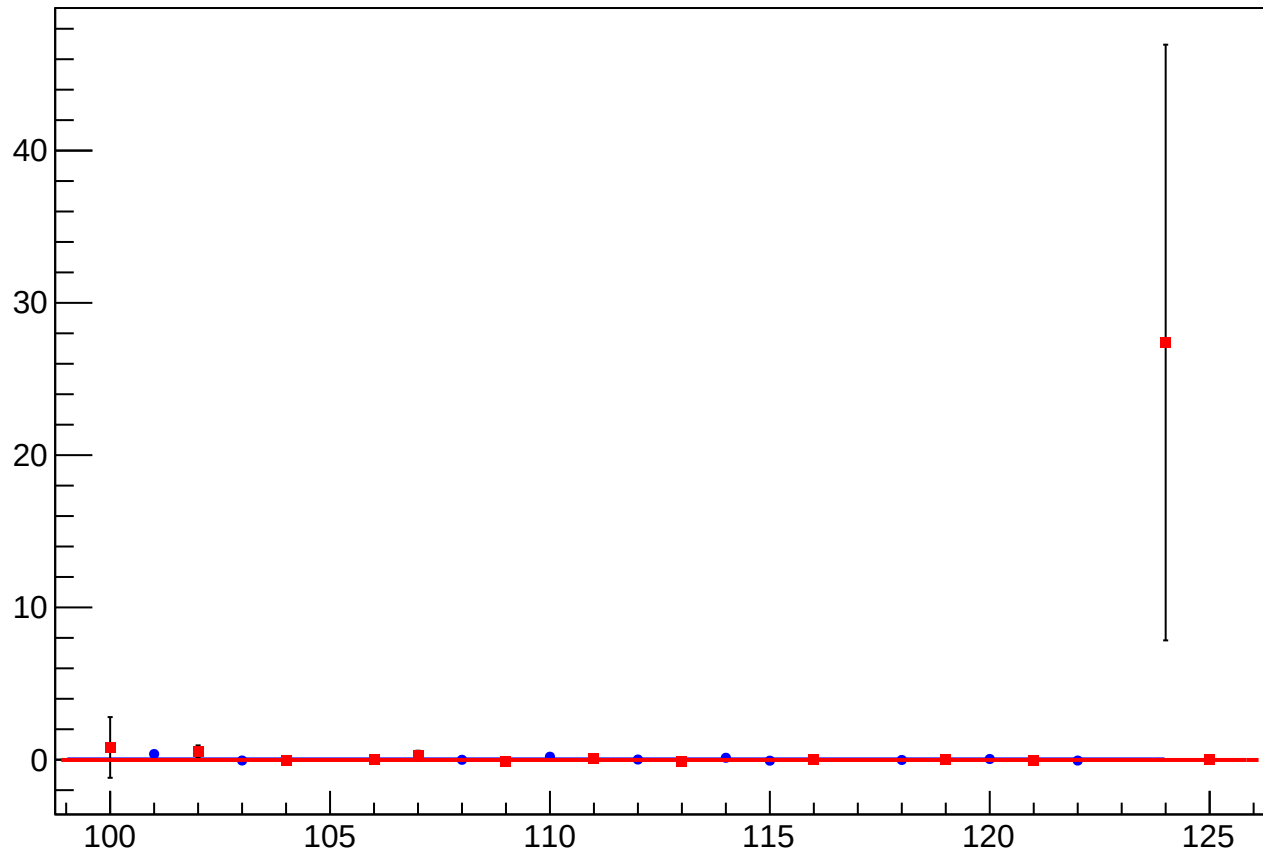
Right: 37.267+/-0.011 χ^2/NDF : 3487196.7/22

In: 38.057+/-0.016 χ^2/NDF : 1564443.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.267+/-0.011 χ^2/NDF : 3487196.7/22

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: -0.017+/-0.021 χ^2/NDF : 11.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

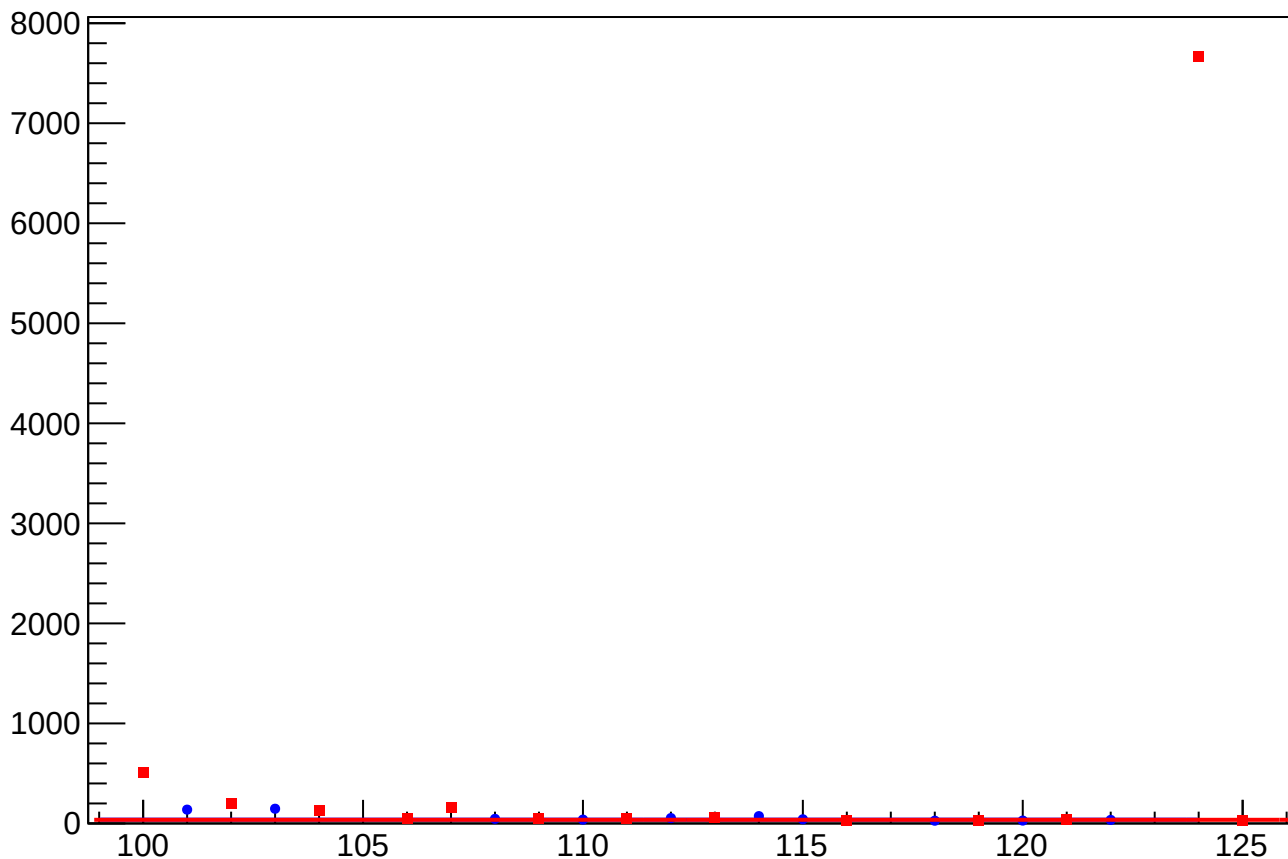
Right: -0.000+/-0.016 χ^2/NDF : 26.3/22

In: 0.019+/-0.023 χ^2/NDF : 13.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.016 χ^2/NDF : 26.3/22

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: 36.576+/-0.015 χ^2/NDF : 1918249.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

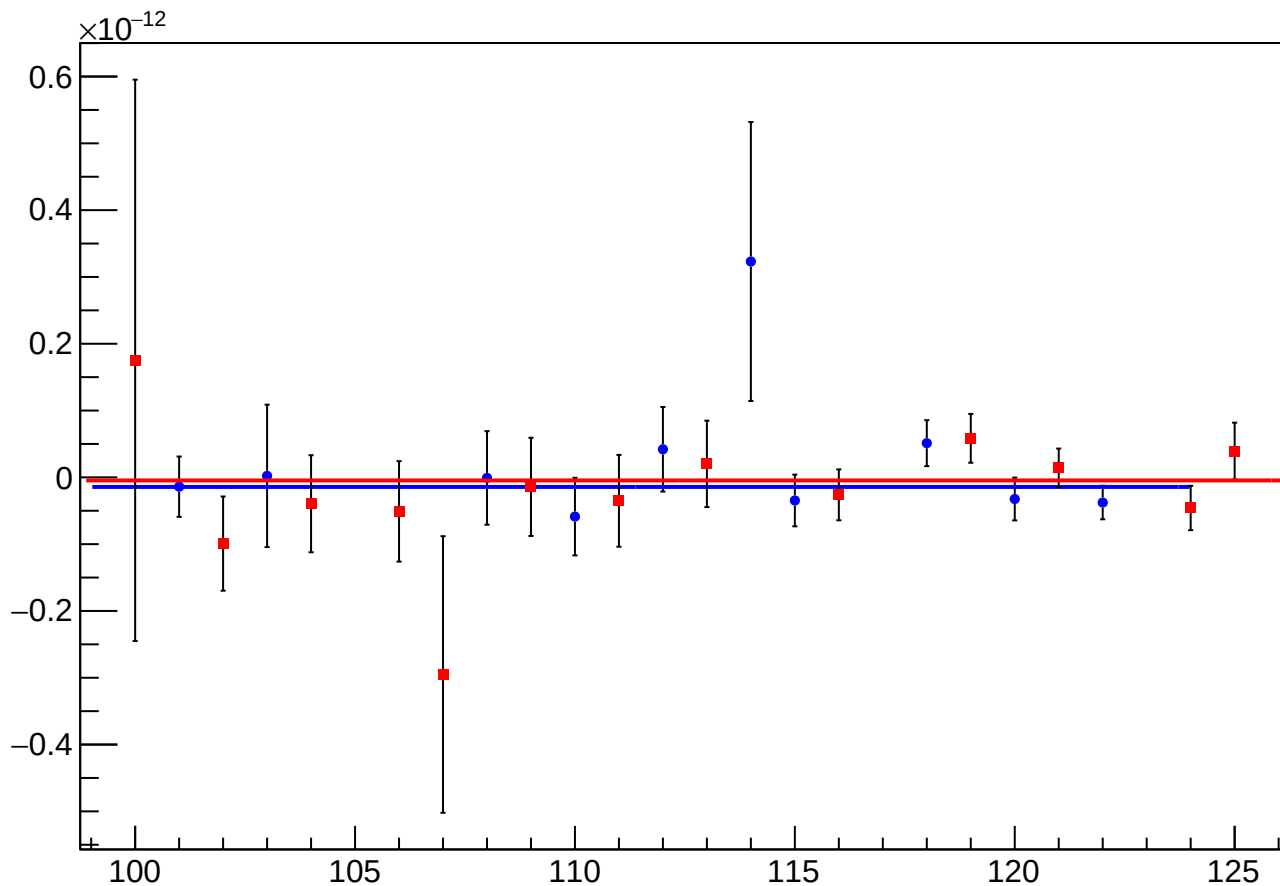
Right: 37.267+/-0.011 χ^2/NDF : 3487196.7/22

In: 38.057+/-0.016 χ^2/NDF : 1564443.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.267+/-0.011 χ^2/NDF : 3487196.7/22

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: 11.3/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

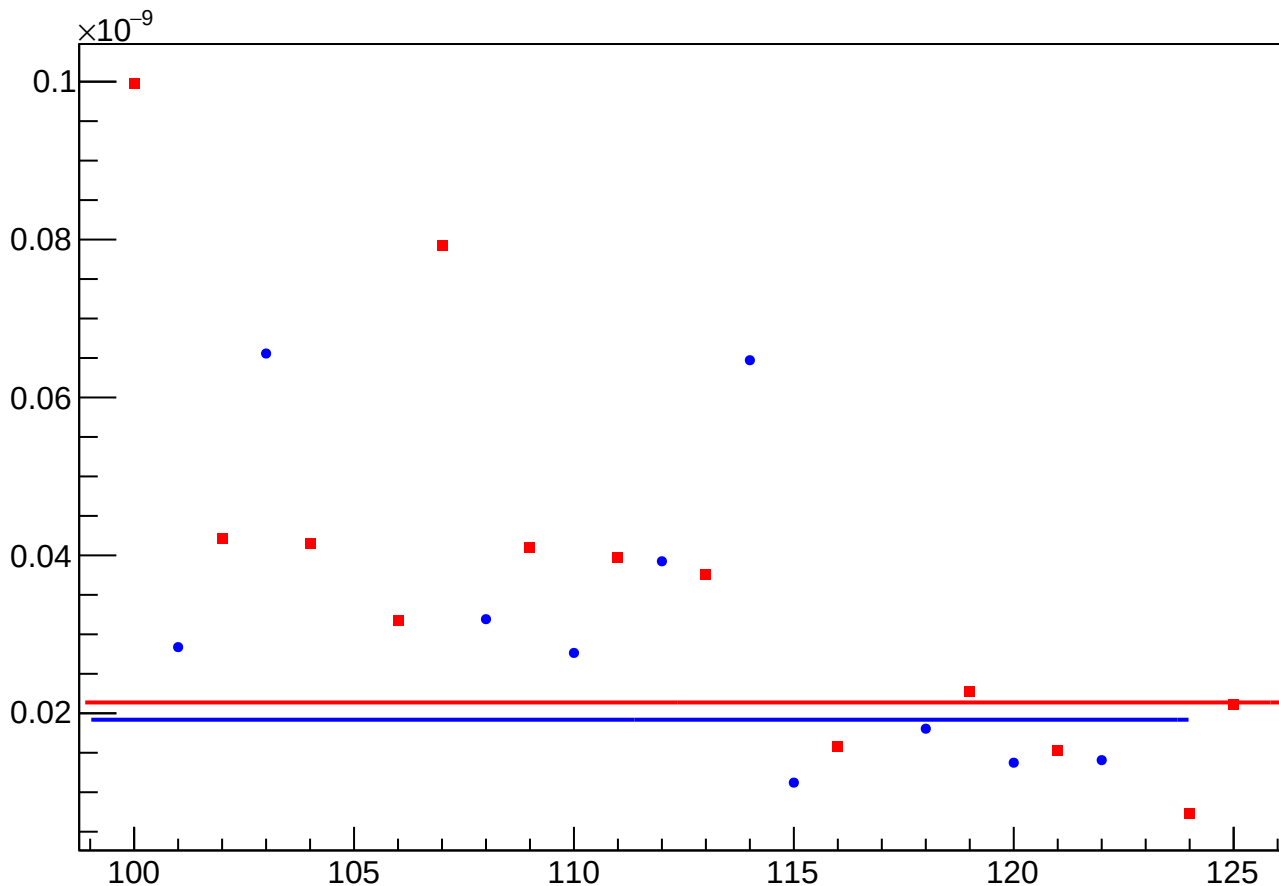
Right: -0.000+/-0.000 χ^2 /NDF: 20.7/22

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: 20.7/22

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 : 1494053.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

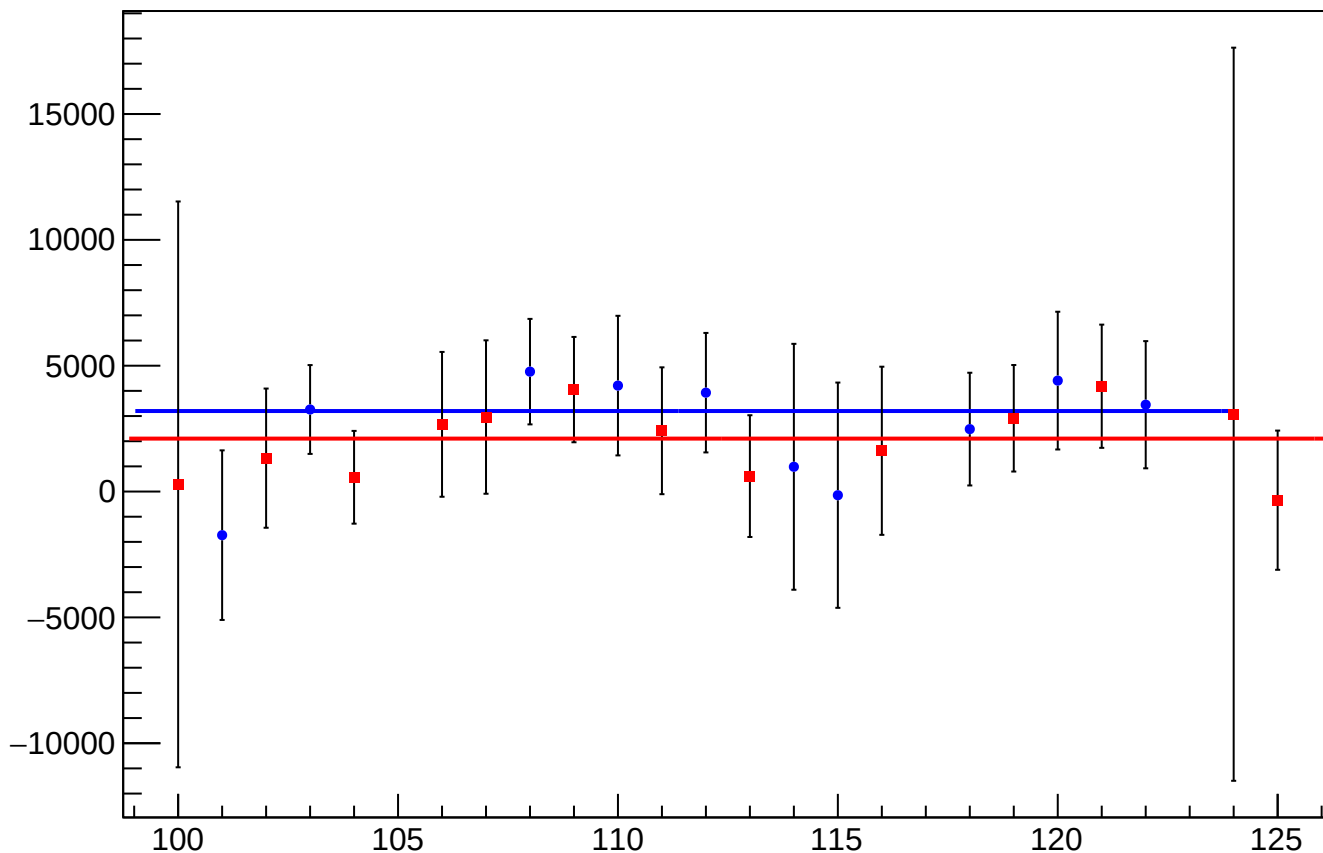
Right: 0.000+/-0.000 χ^2/NDF : 2614167.2/22

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 : 2614167.2/22

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: 2103.538+/-738.487 χ^2/NDF : 3.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

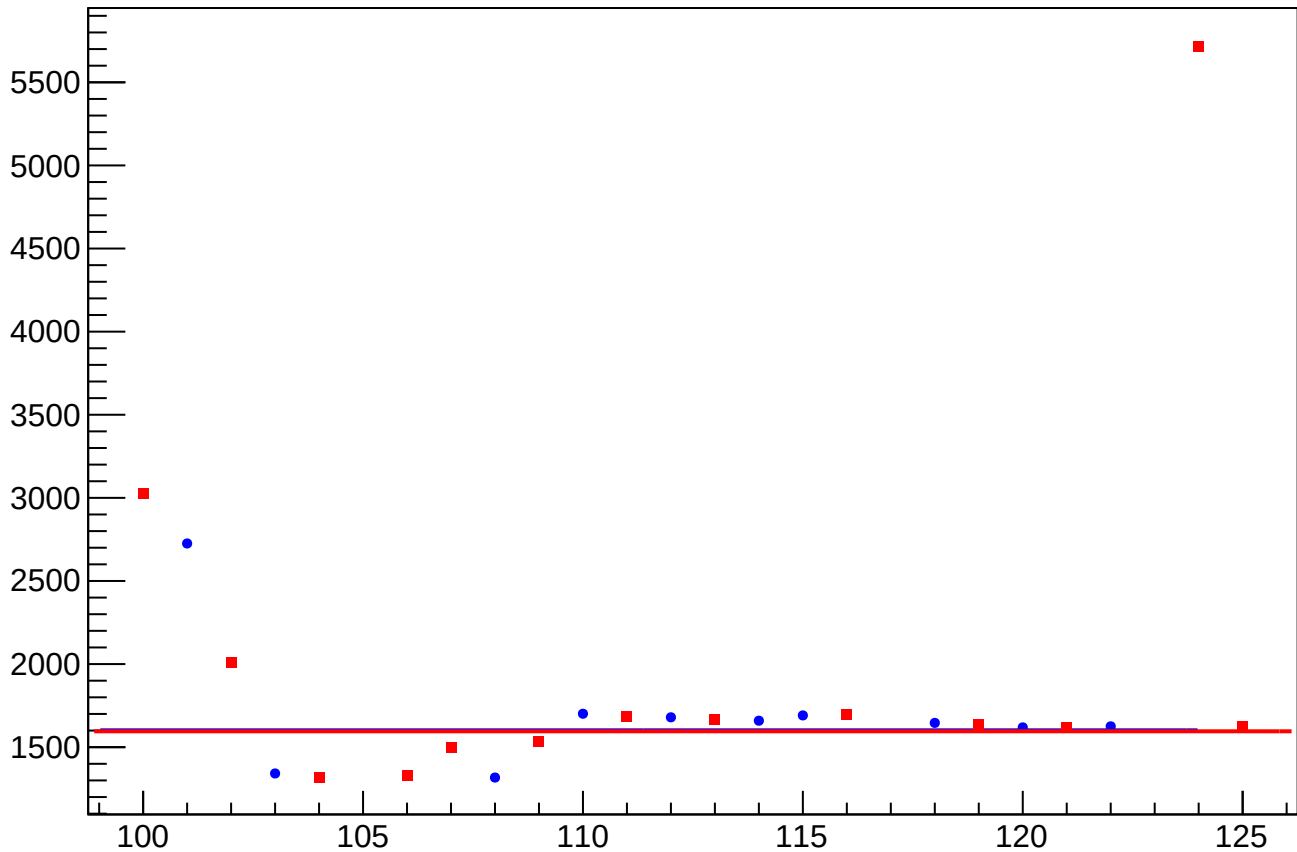
Right: 2601.100+/-545.592 χ^2/NDF : 8.9/22

In: 3199.055+/-809.569 χ^2/NDF : 4.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2601.100+/-545.592 χ^2/NDF : 8.9/22

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: 1595.557+/-0.522 χ^2/NDF : 310083.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

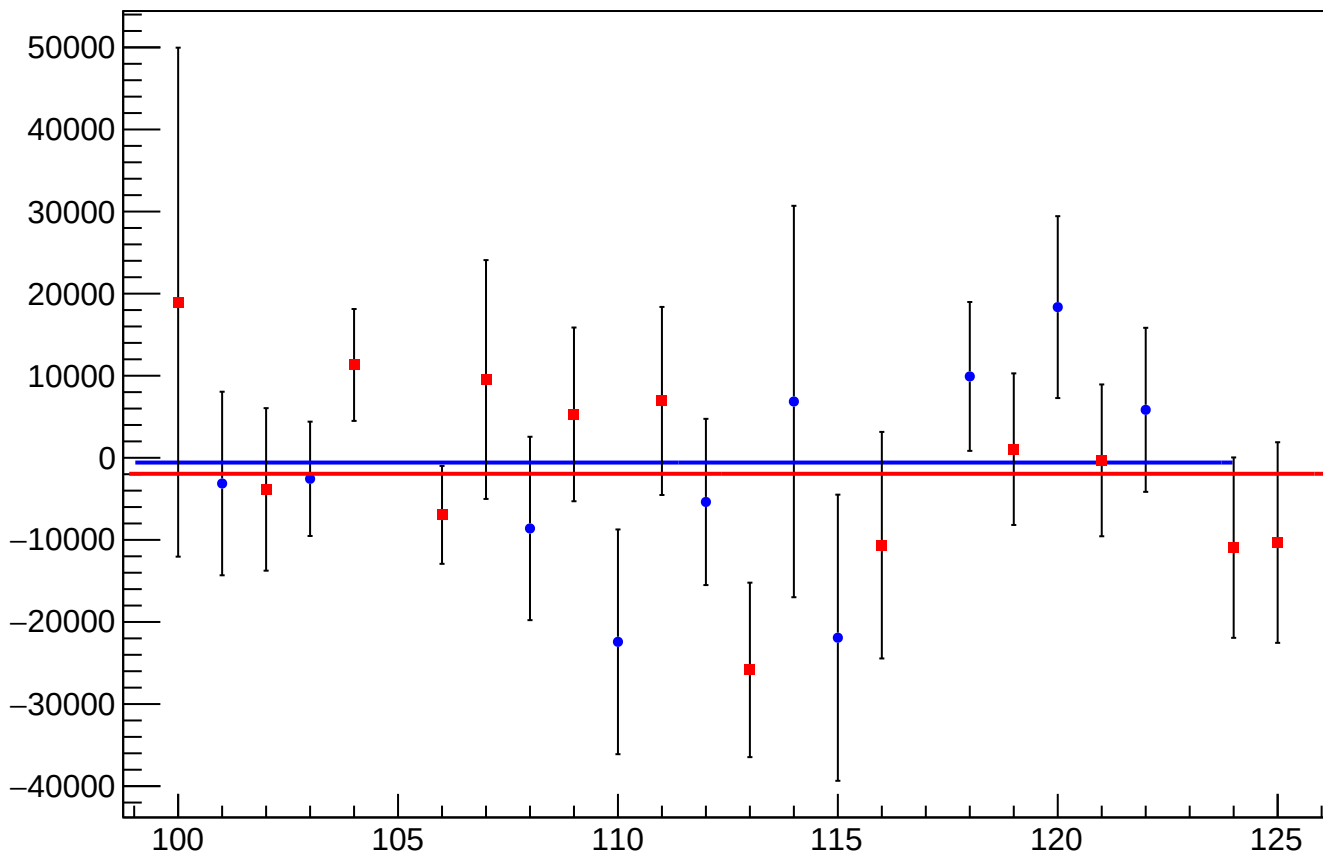
Right: 1598.175+/-0.386 χ^2/NDF : 619752.8/22

In: 1601.321+/-0.572 χ^2/NDF : 309613.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1598.175+/-0.386 χ^2/NDF : 619752.8/22

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: -1946.513+/-2725.212 χ^2/NDF : 13.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

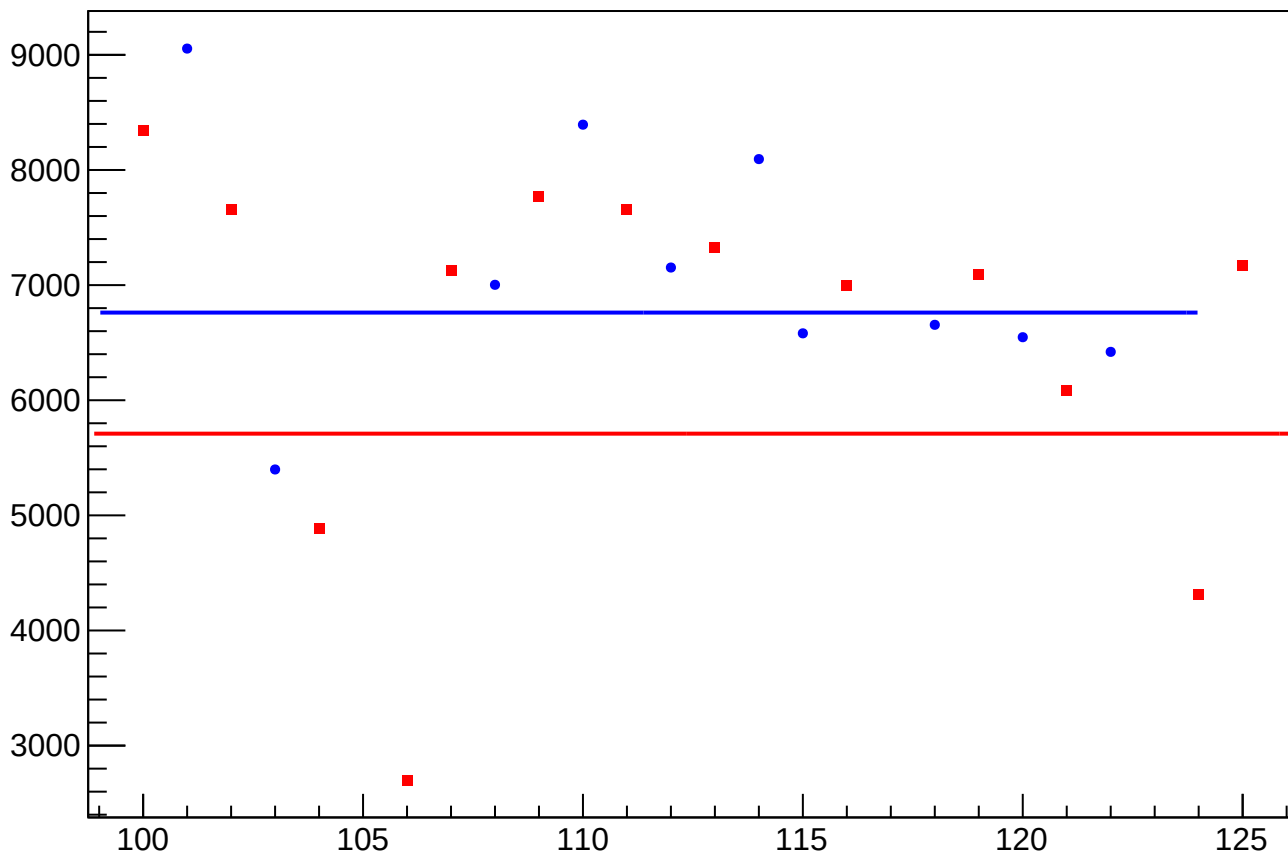
Right: -1408.970+/-2123.601 χ^2/NDF : 23.2/22

In: -577.958+/-3388.422 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1408.970+/-2123.601 χ^2/NDF : 23.2/22

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: 5709.709+/-1.927 χ^2/NDF : 955823.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

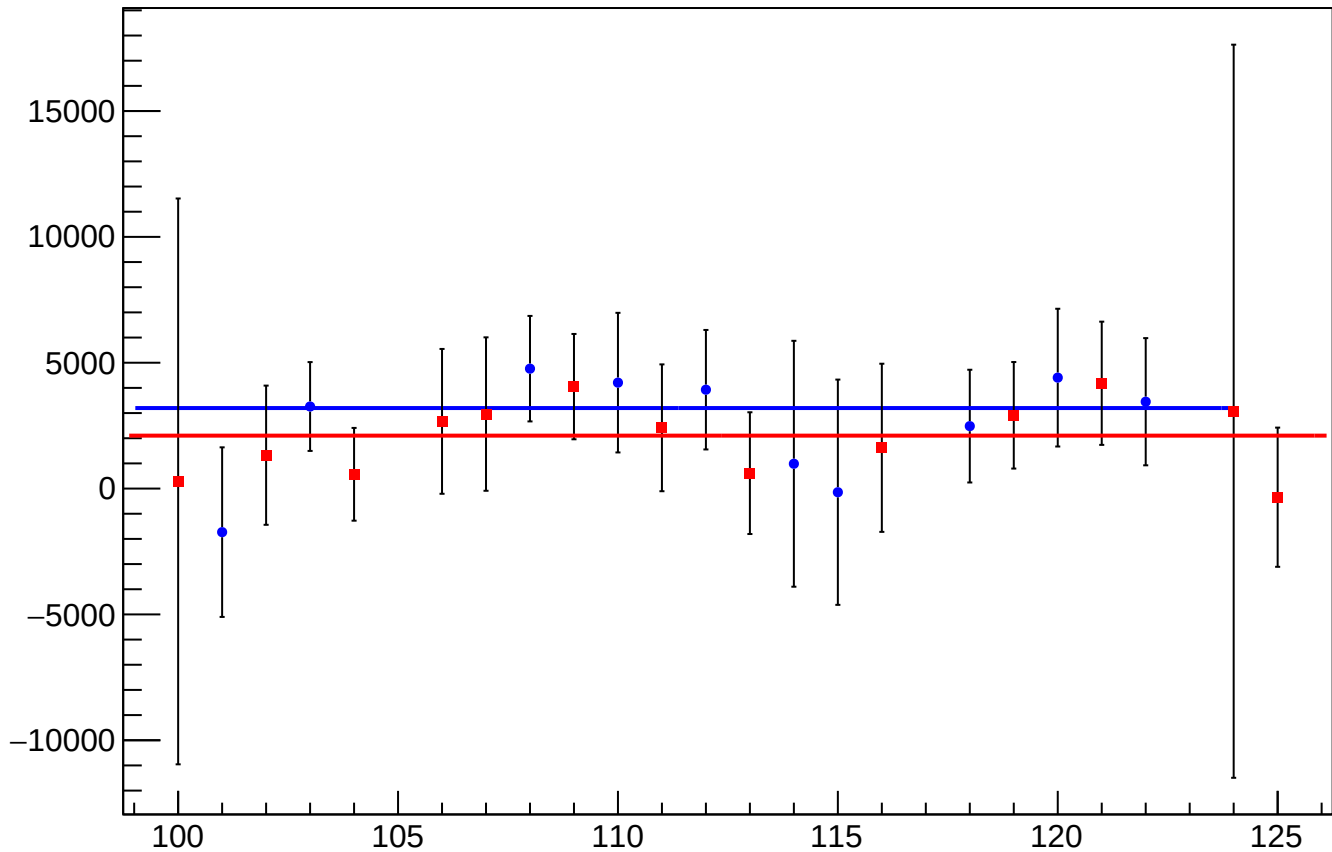
Right: 6122.783+/-1.502 χ^2/NDF : 1275695.9/22

In: 6761.374+/-2.396 χ^2/NDF :202885.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6122.783+/-1.502 χ^2/NDF : 1275695.9/22

cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3199.307+/-809.569 χ^2/NDF : 4.0/9

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

Right Out: 2103.298+/-738.487 χ^2/NDF : 3.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

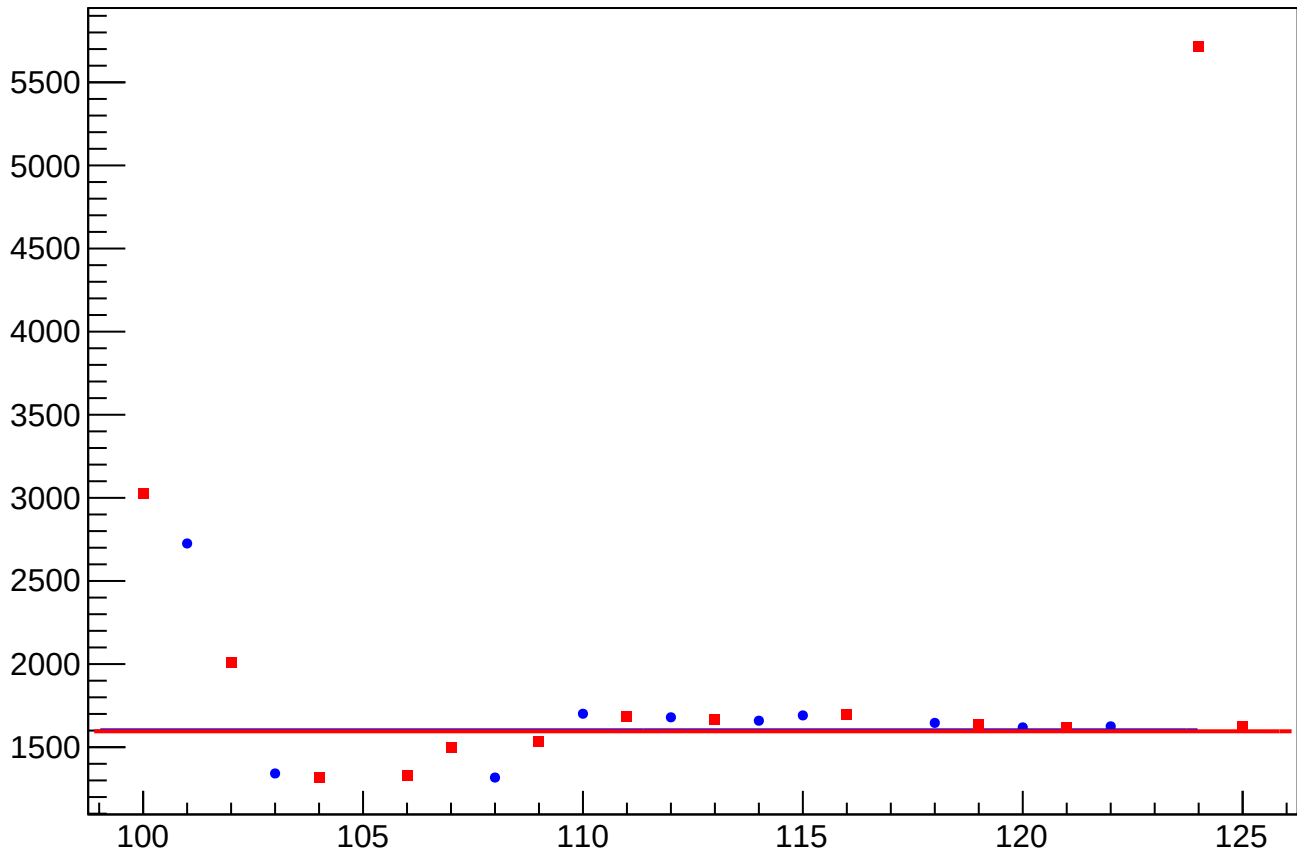
Right: 2601.083+/-545.592 χ^2/NDF : 8.9/22

In: 3199.307+/-809.569 χ^2/NDF : 4.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2601.083+/-545.592 χ^2/NDF : 8.9/22

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: 1595.557+/-0.522 χ^2/NDF : 310083.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

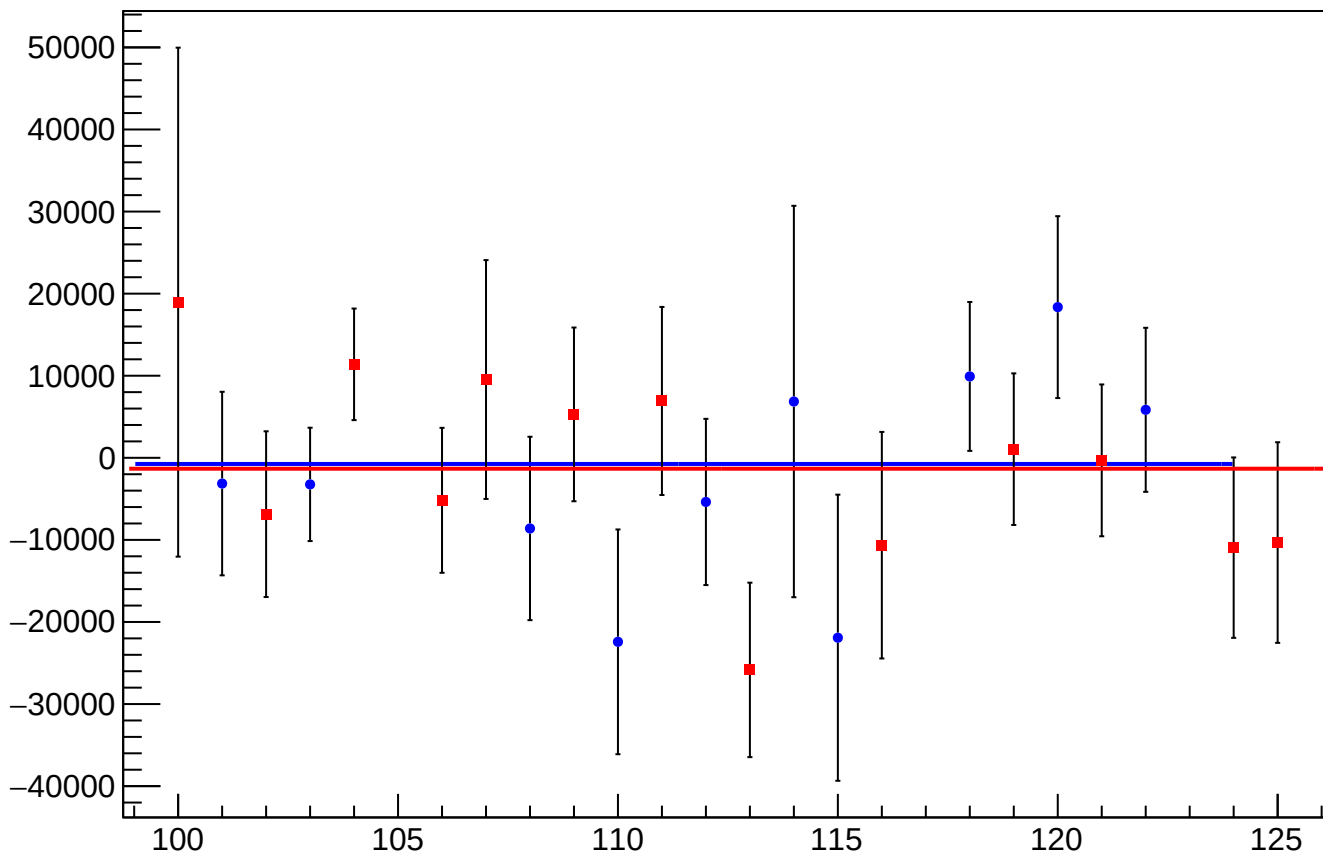
Right: 1598.175+/-0.386 χ^2/NDF : 619752.9/22

In: 1601.321+/-0.572 χ^2/NDF : 309613.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1598.175+/-0.386 χ^2/NDF : 619752.9/22

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: -1327.842+/-2897.642 χ^2/NDF : 13.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

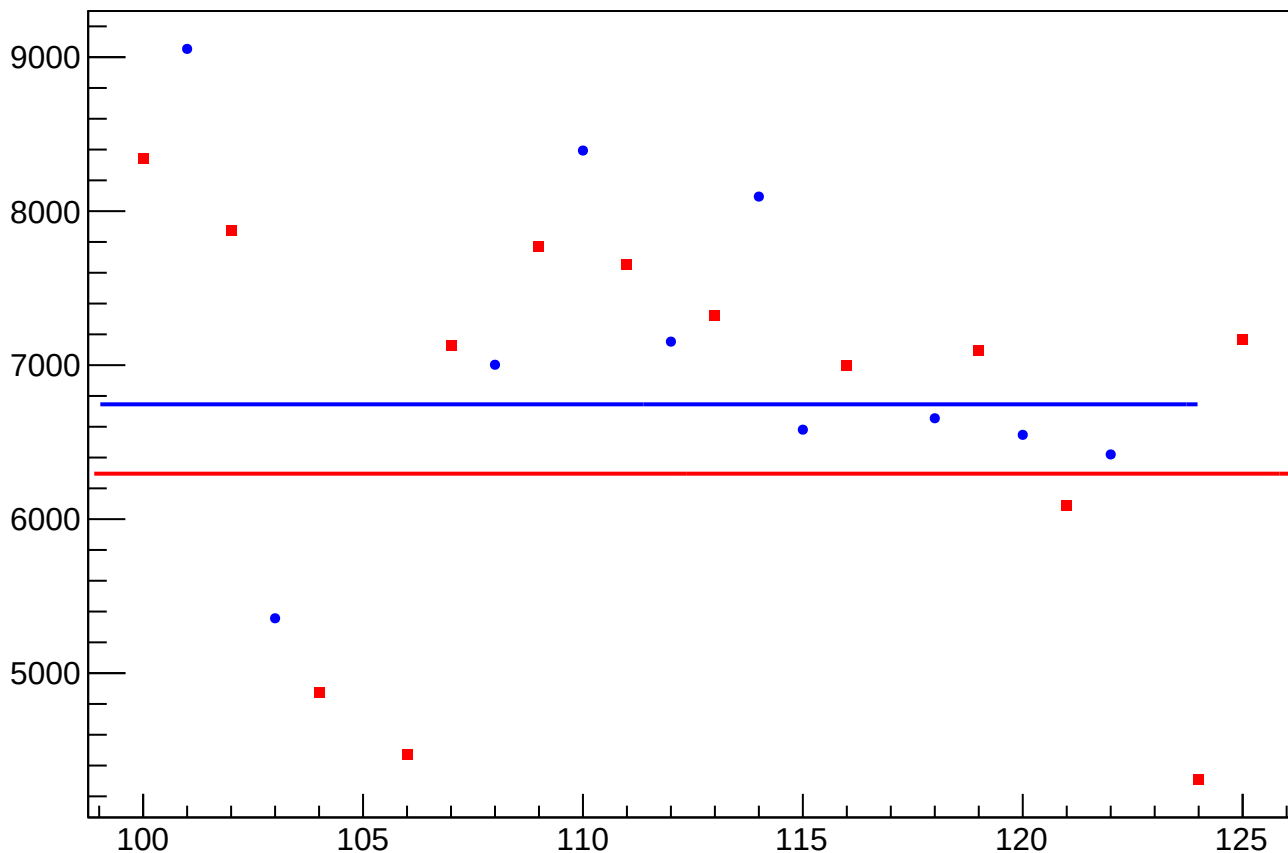
Right: -1082.735+/-2200.314 χ^2/NDF : 22.8/22

In: -748.930+/-3381.528 χ^2/NDF :9.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1082.735+/-2200.314 χ^2/NDF : 22.8/22

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: 6295.330+/-2.049 χ^2/NDF : 419833.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

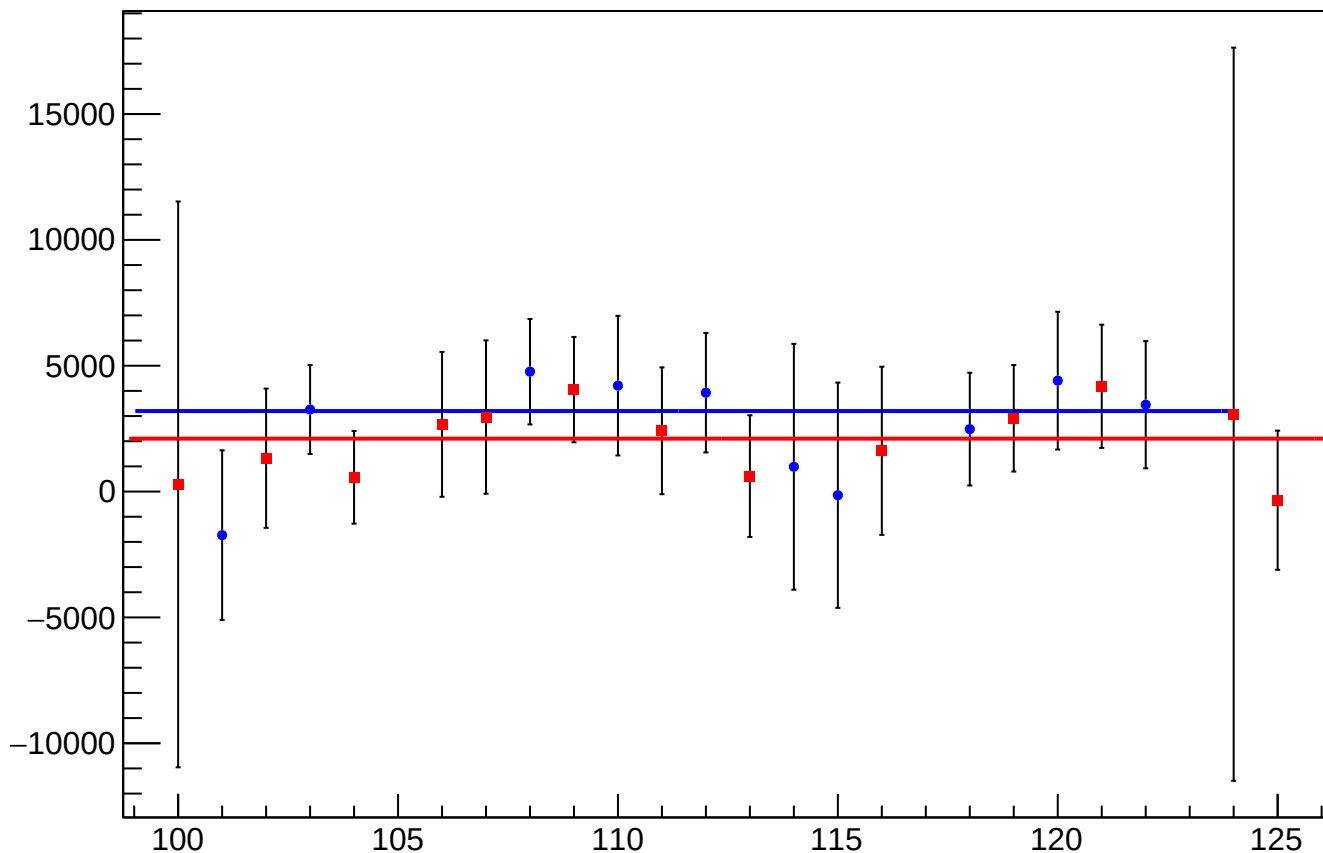
Right: 6485.996+/-1.556 χ^2/NDF : 649311.2/22

In: 6745.659+/-2.391 χ^2/NDF : 209025.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6485.996+/-1.556 χ^2/NDF : 649311.2/22

eigen_cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3199.307+/-809.569 χ^2/NDF : 4.0/9

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

Right Out: 2103.298+/-738.487 χ^2/NDF : 3.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

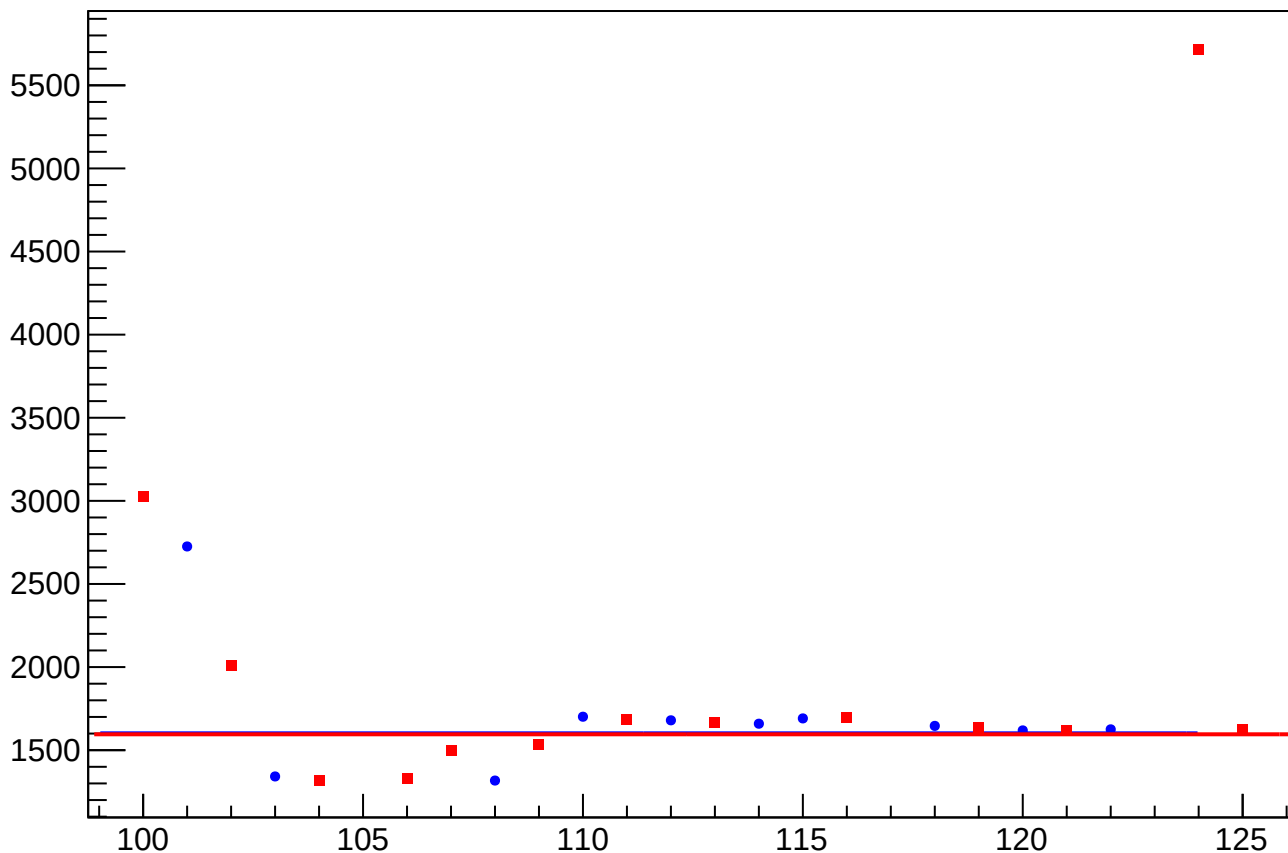
Right: 2601.083+/-545.592 χ^2/NDF : 8.9/22

In: 3199.307+/-809.569 χ^2/NDF : 4.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2601.083+/-545.592 χ^2/NDF : 8.9/22

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: 1595.557+/-0.522 χ^2/NDF : 310083.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

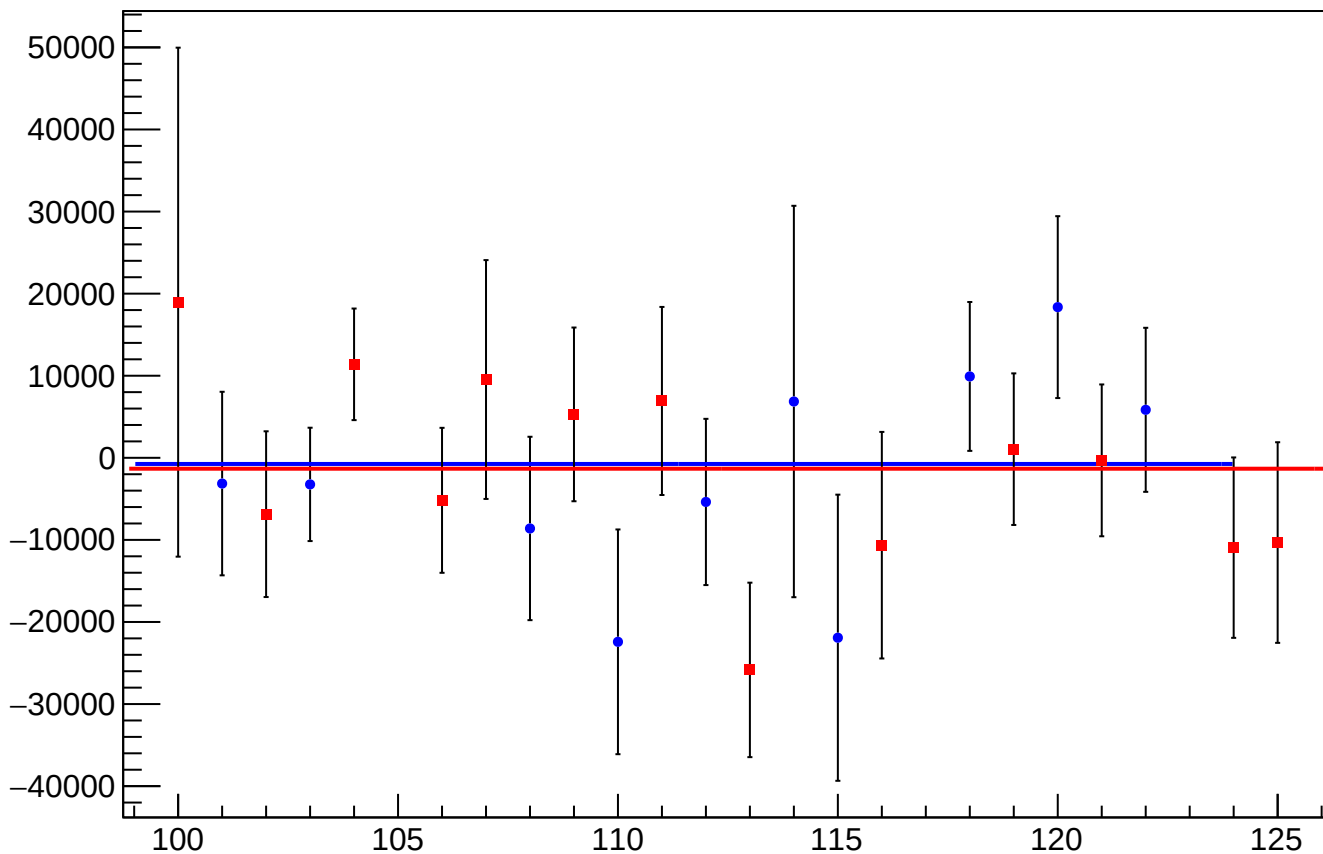
Right: 1598.175+/-0.386 χ^2/NDF : 619752.9/22

In: 1601.321+/-0.572 χ^2/NDF : 309613.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1598.175+/-0.386 χ^2/NDF : 619752.9/22

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: -1327.842+/-2897.642 χ^2/NDF : 13.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

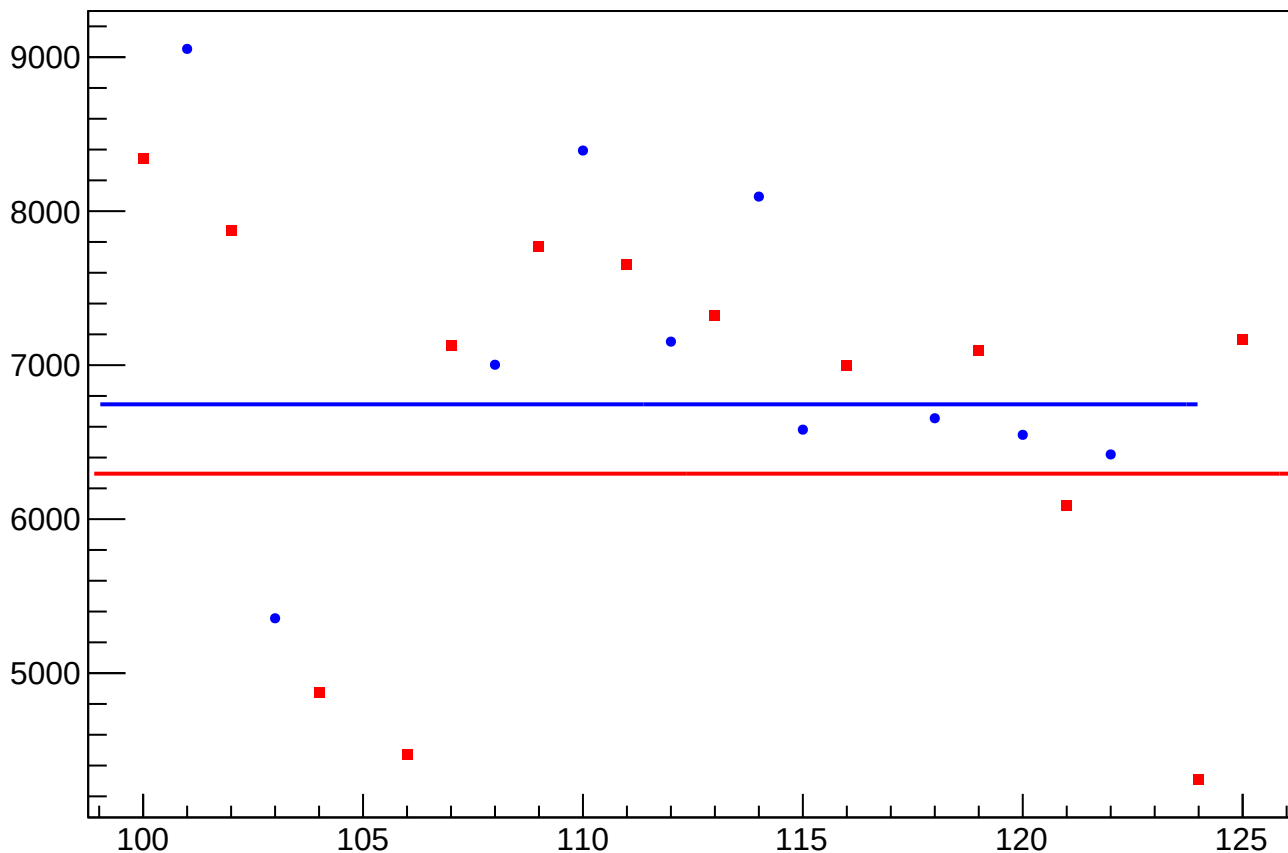
Right: -1082.735+/-2200.314 χ^2/NDF : 22.8/22

In: -748.930+/-3381.528 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1082.735+/-2200.314 χ^2/NDF : 22.8/22

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: 6295.330+/-2.049 χ^2/NDF : 419833.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

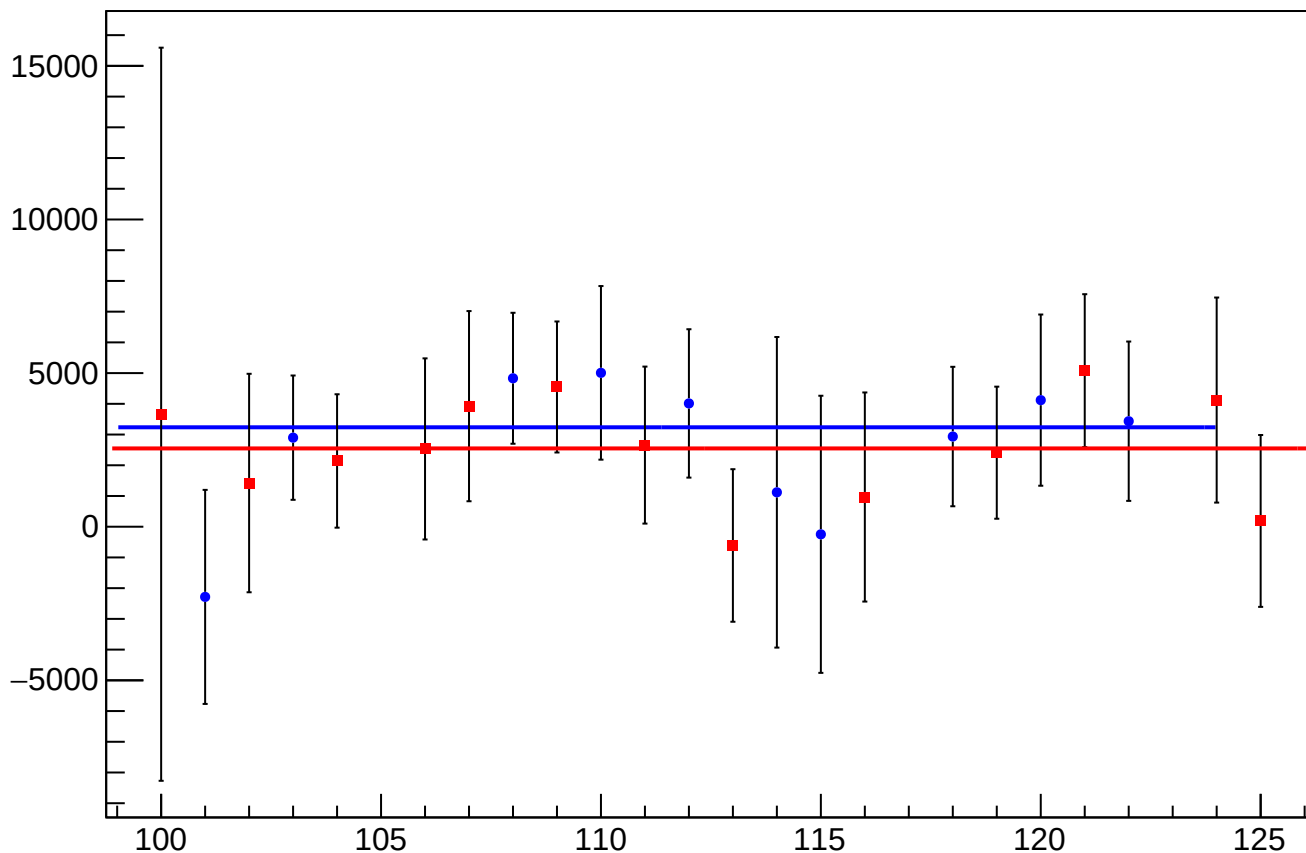
Right: 6485.996+/-1.556 χ^2/NDF : 649311.2/22

In: 6745.659+/-2.391 χ^2/NDF :209025.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6485.996+/-1.556 χ^2/NDF : 649311.2/22

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3236.068+/-844.083 χ^2/NDF : 4.5/9

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

Right Out: 2548.153+/-759.186 χ^2/NDF : 5.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

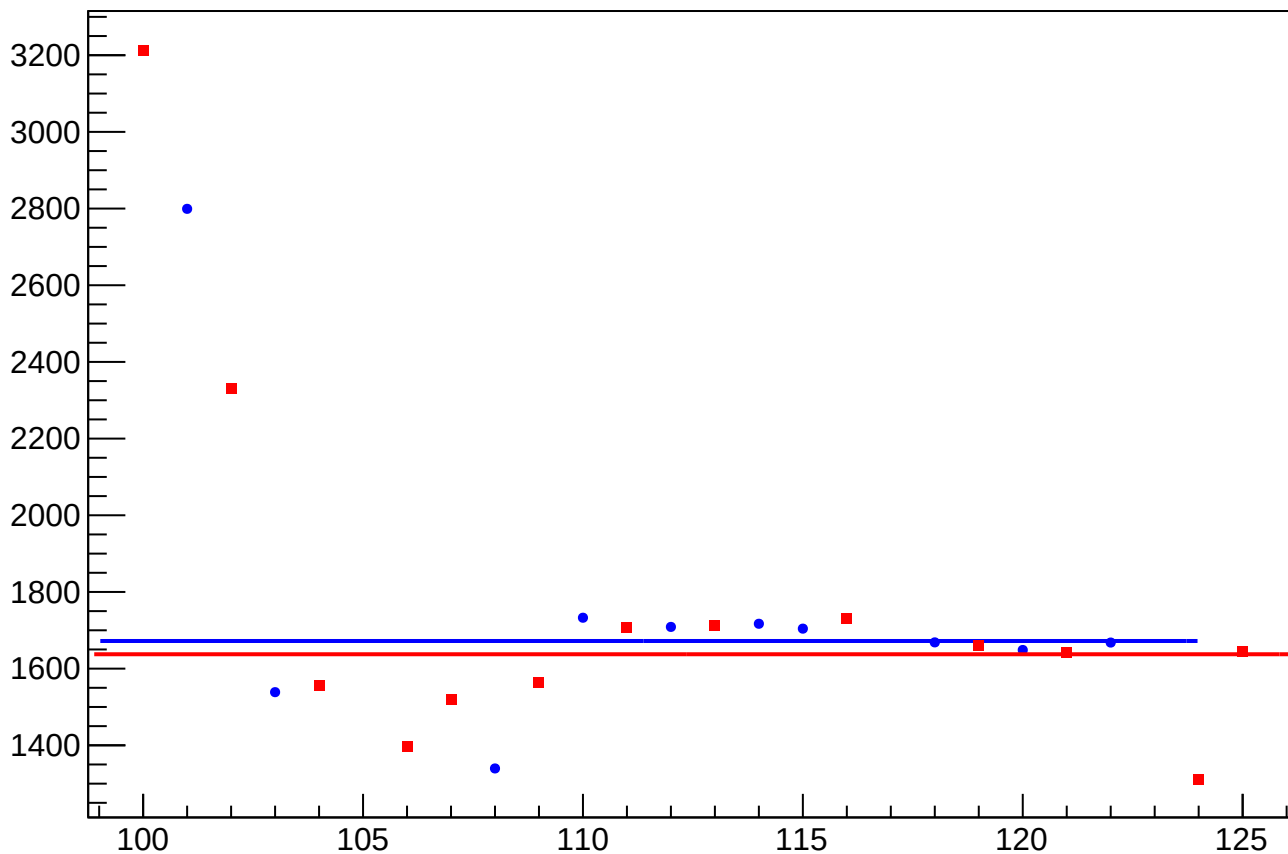
Right: 2855.786+/-564.461 χ^2/NDF : 9.9/22

In: 3236.068+/-844.083 χ^2/NDF : 4.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2855.786+/-564.461 χ^2/NDF : 9.9/22

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1672.100+/-0.597 χ^2/NDF : 268563.2/9

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

Right Out: 1637.510+/-0.537 χ^2/NDF : 156874.4/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

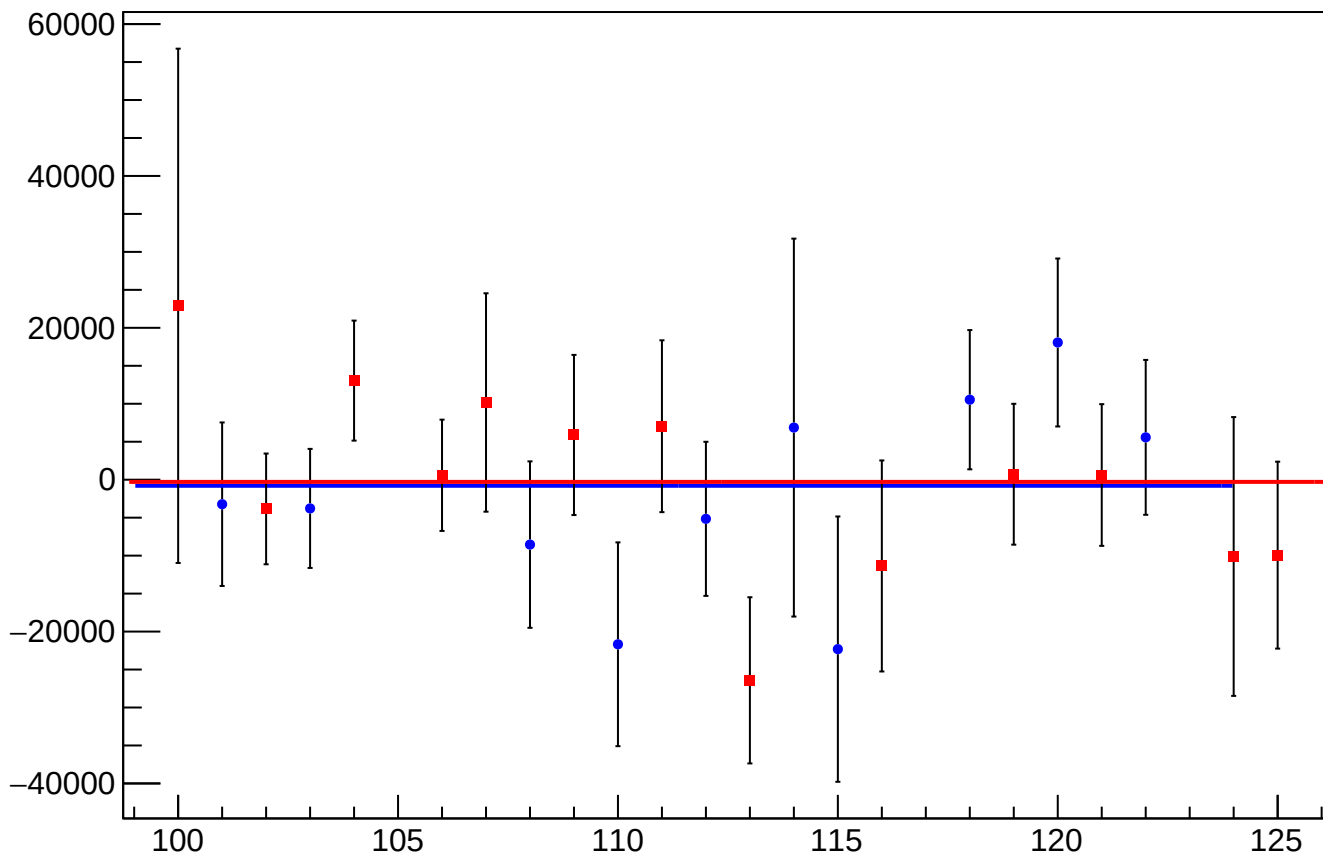
Right: 1652.970+/-0.399 χ^2/NDF : 427295.1/22

In: 1672.100+/-0.597 χ^2/NDF : 268563.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1652.970+/-0.399 χ^2/NDF : 427295.1/22

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: -288.121+/-2860.973 χ^2/NDF : 12.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

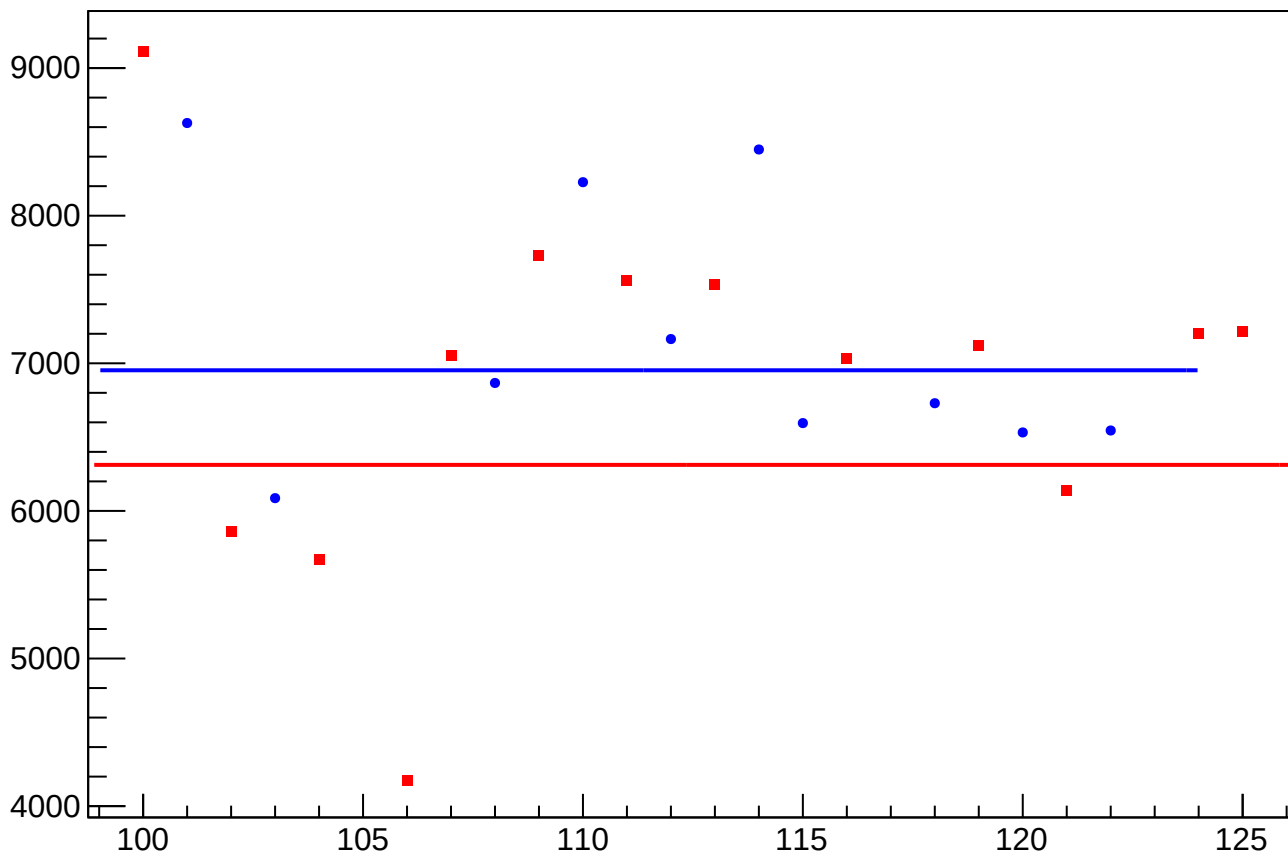
Right: -494.795+/-2207.321 χ^2/NDF : 21.9/22

In: -798.749+/-3469.565 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -494.795+/-2207.321 χ^2/NDF : 21.9/22

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: 6311.795+/-2.023 χ^2/NDF : 332238.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

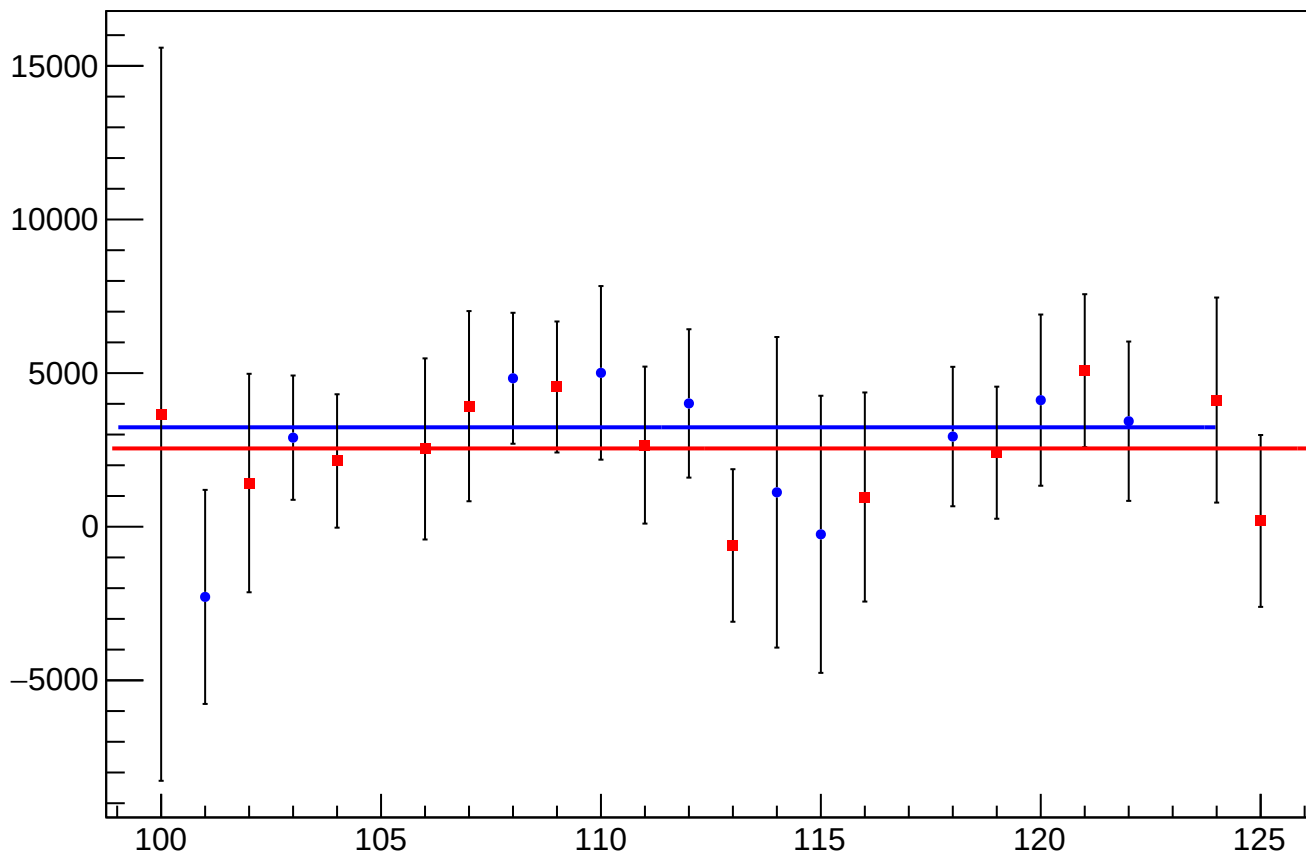
Right: 6571.200+/-1.561 χ^2/NDF : 480085.6/22

In: 6952.706+/-2.453 χ^2/NDF : 107223.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6571.200+/-1.561 χ^2/NDF : 480085.6/22

eigen_dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3236.061 $\pm$ 844.083 χ^2 /NDF: 4.5/9

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

Right Out: 2548.168 $\pm$ 759.186 χ^2 /NDF: 5.0/12

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

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

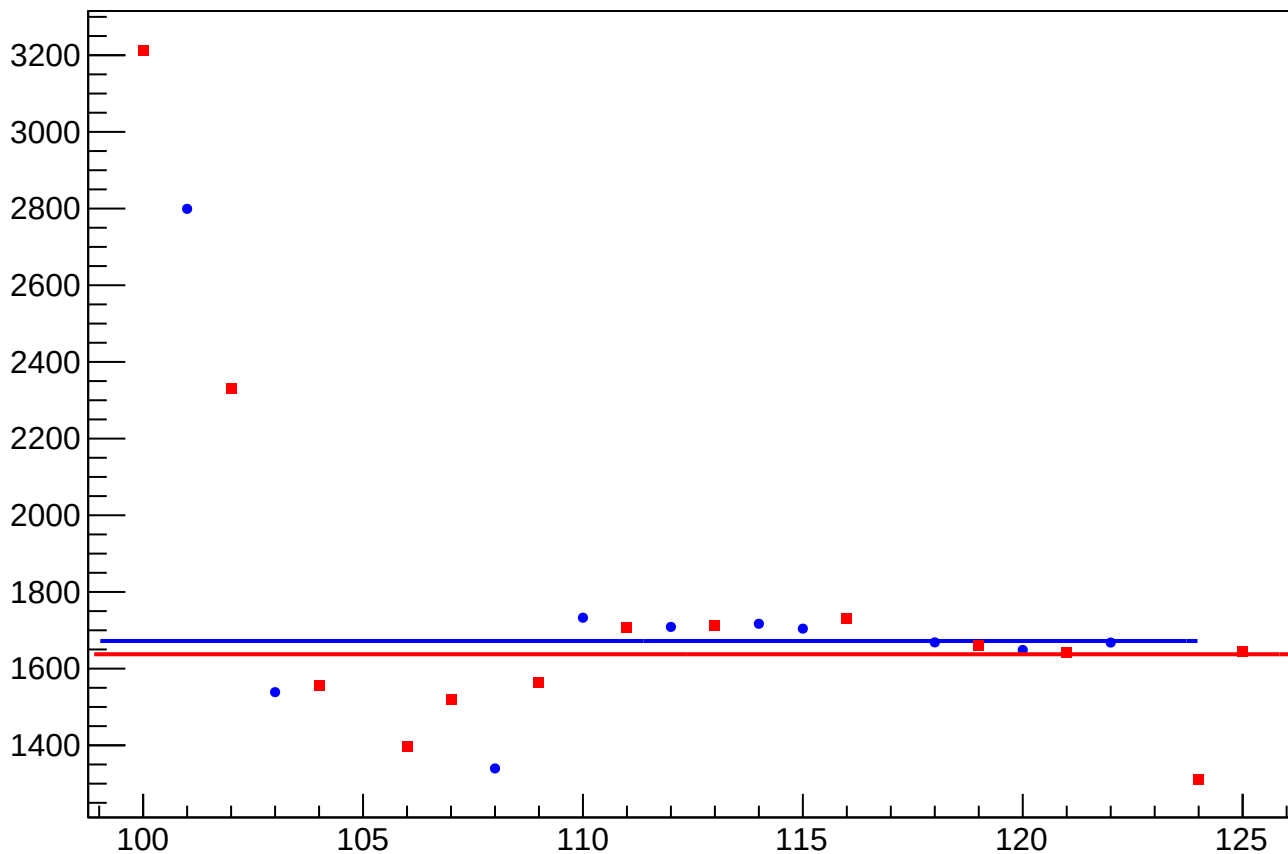
Right: 2855.791 $\pm$ 564.461 χ^2 /NDF: 9.9/22

In: 3236.061 $\pm$ 844.083 χ^2 /NDF:4.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2855.791 $\pm$ 564.461 χ^2 /NDF: 9.9/22

eigen_dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1672.100+/-0.597 χ^2/NDF : 268562.9/9

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

Right Out: 1637.510+/-0.537 χ^2/NDF : 156874.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

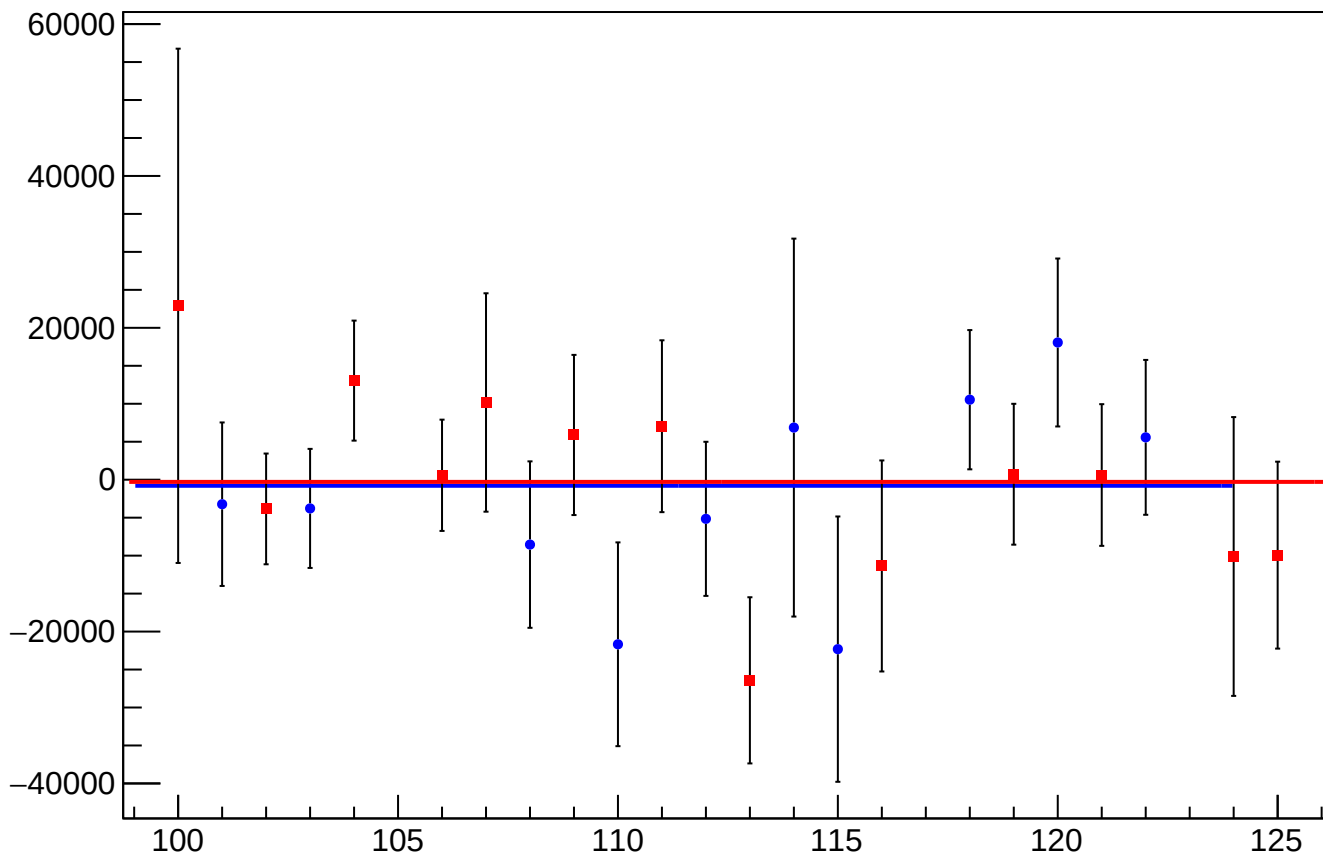
Right: 1652.969+/-0.399 χ^2/NDF : 427294.8/22

In: 1672.100+/-0.597 χ^2/NDF : 268562.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1652.969+/-0.399 χ^2/NDF : 427294.8/22

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: -288.113+/-2860.967 χ^2/NDF : 12.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

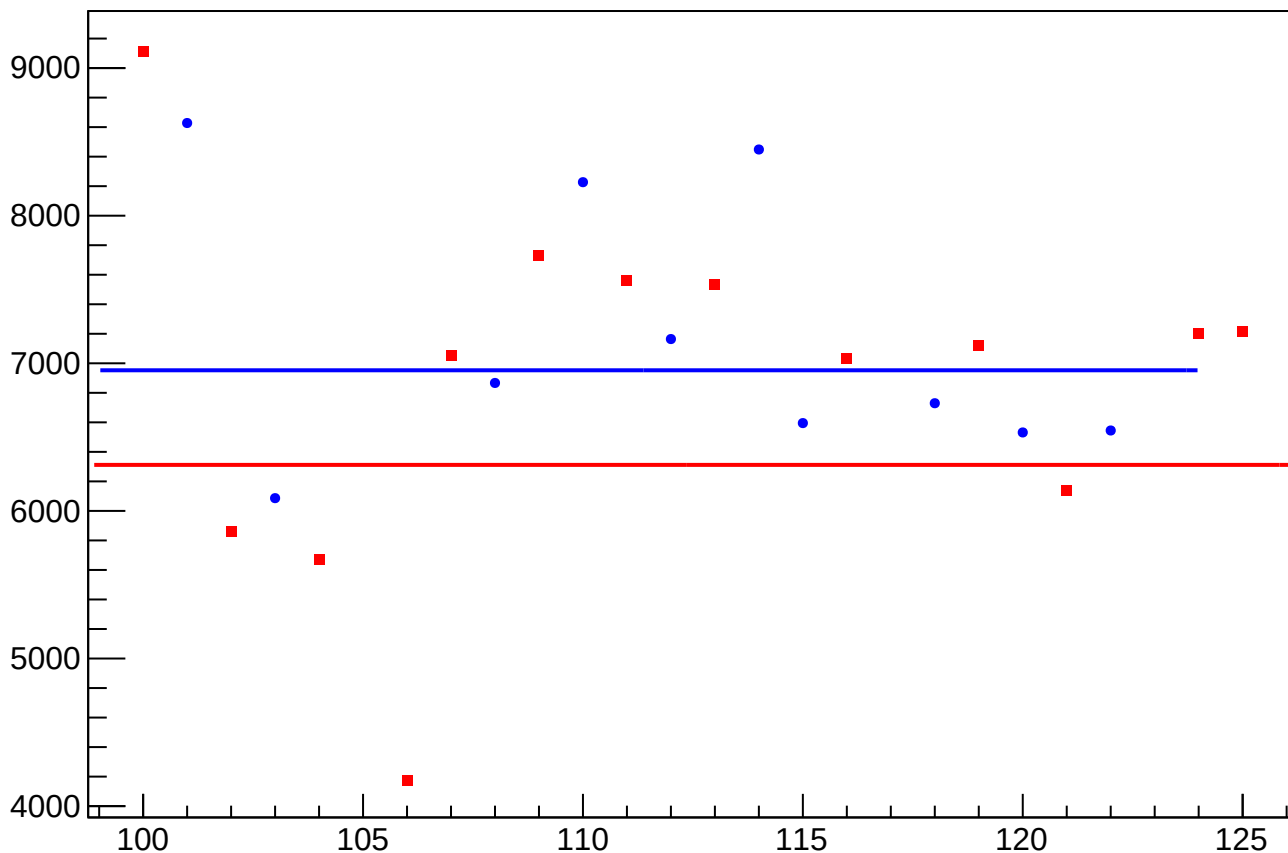
Right: -494.784+/-2207.315 χ^2/NDF : 21.9/22

In: -798.732+/-3469.555 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -494.784+/-2207.315 χ^2/NDF : 21.9/22

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: 6311.781+/-2.023 χ^2/NDF : 332236.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

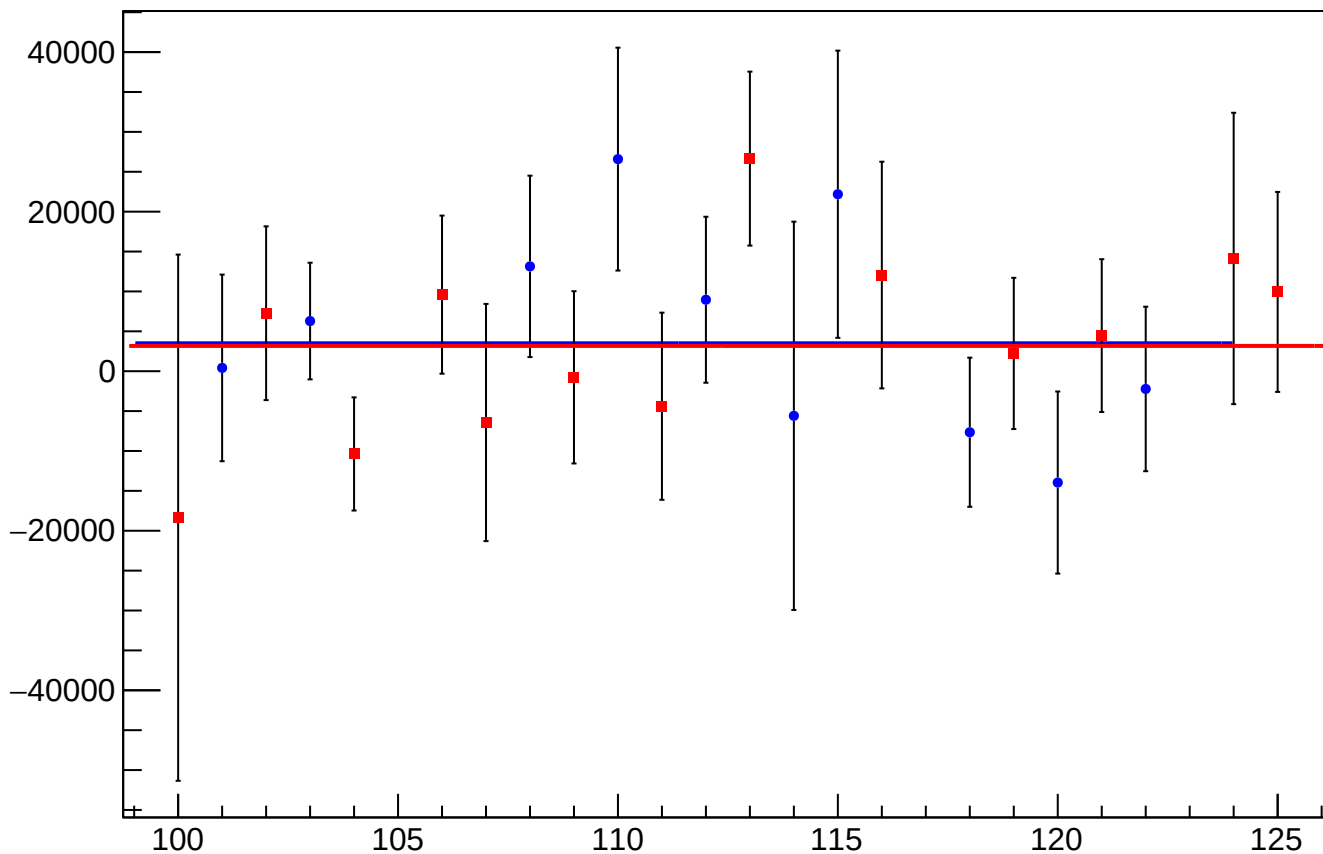
Right: 6571.185+/-1.561 χ^2/NDF : 480084.1/22

In: 6952.687+/-2.453 χ^2/NDF : 107224.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6571.185+/-1.561 χ^2/NDF : 480084.1/22

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: 3170.273+/-3092.912 χ^2/NDF : 11.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

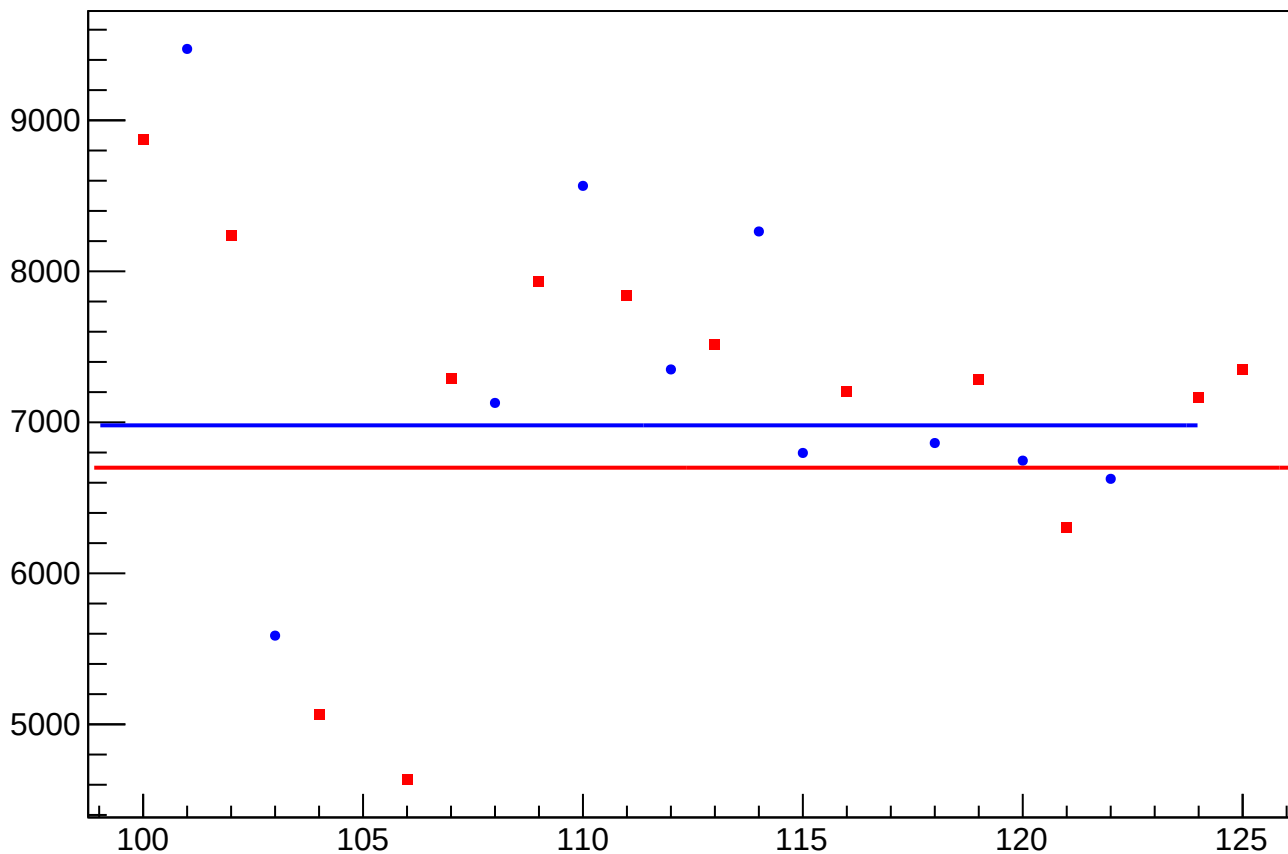
Right: 3313.484+/-2318.988 χ^2/NDF : 20.5/22

In: 3497.360+/-3504.628 χ^2/NDF :9.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3313.484+/-2318.988 χ^2/NDF : 20.5/22

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: 6699.617+/-2.187 χ^2/NDF : 321567.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

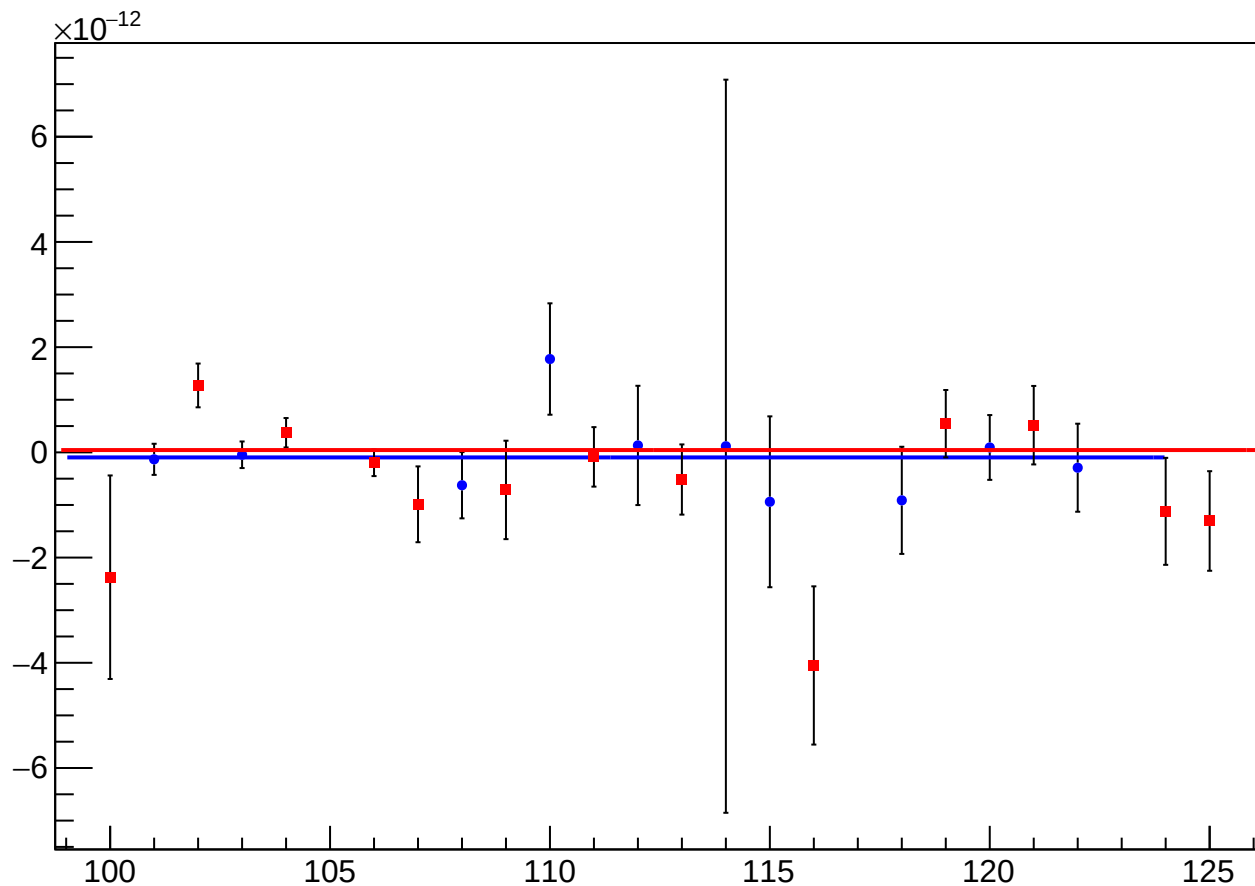
Right: 6822.369+/-1.640 χ^2/NDF : 530105.7/22

In: 6980.000+/-2.478 χ^2/NDF : 201341.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6822.369+/-1.640 χ^2/NDF : 530105.7/22

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 : 27.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

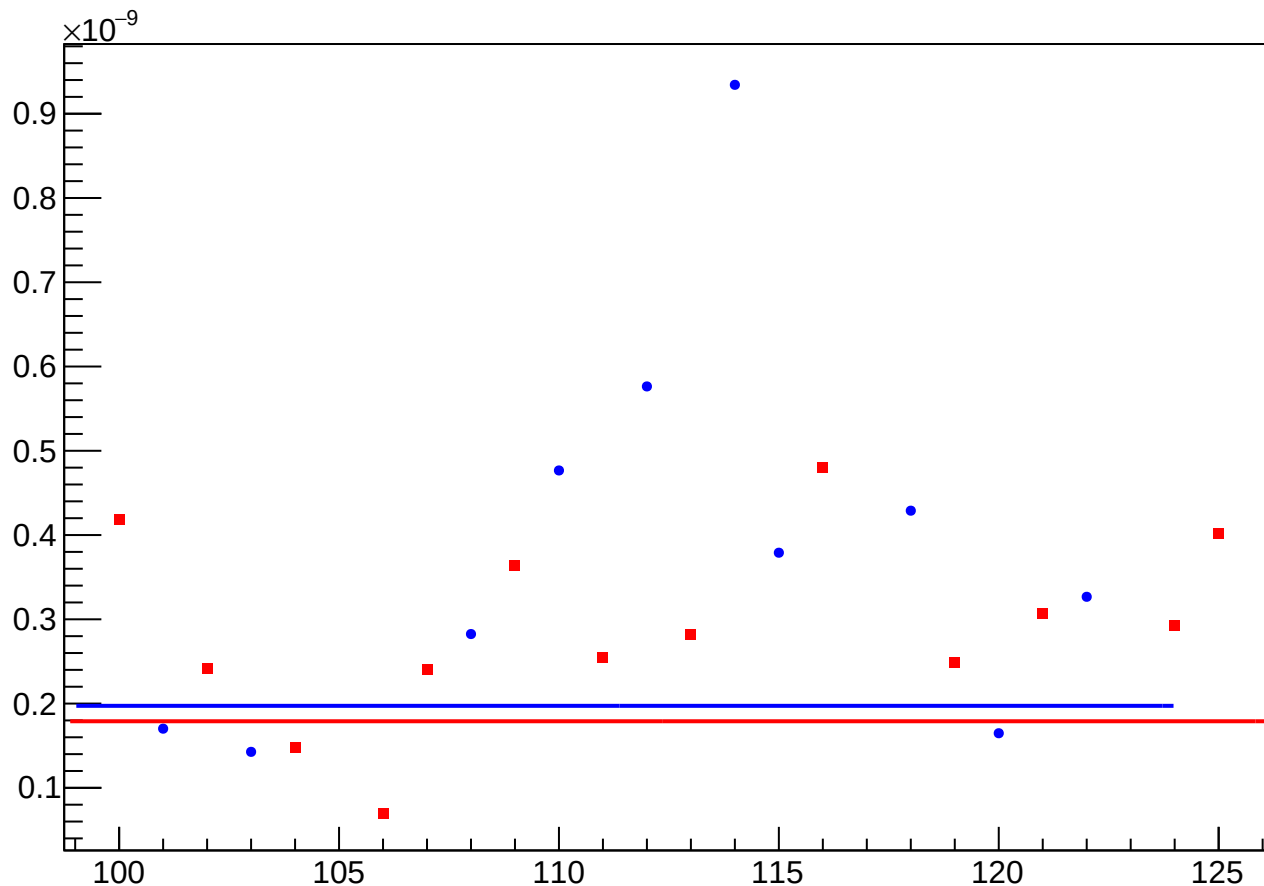
Right: -0.000+/-0.000 χ^2/NDF : 33.2/22

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 : 33.2/22

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 : 950976.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

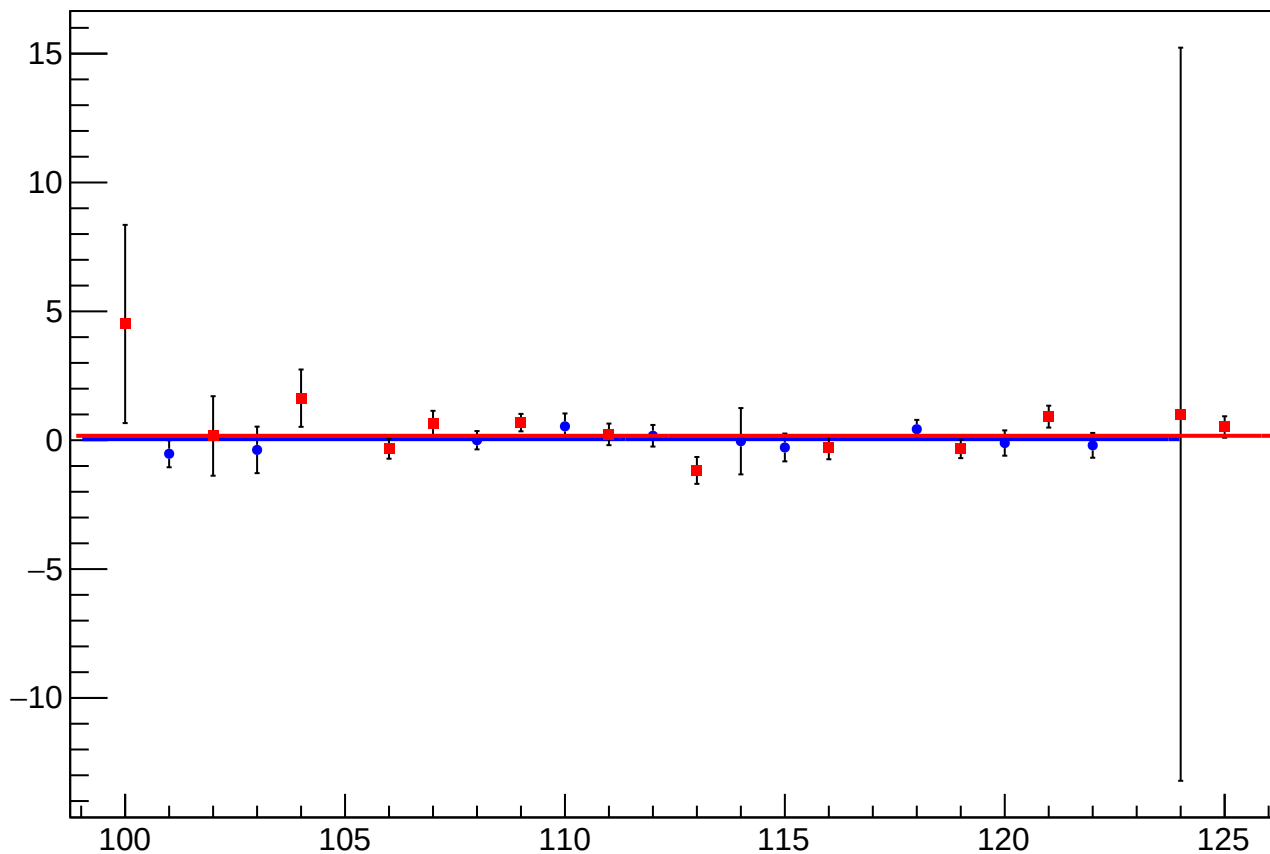
Right: 0.000+/-0.000 χ^2/NDF : 1679036.1/22

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 : 1679036.1/22

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: 0.172+/-0.135 χ^2/NDF : 21.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

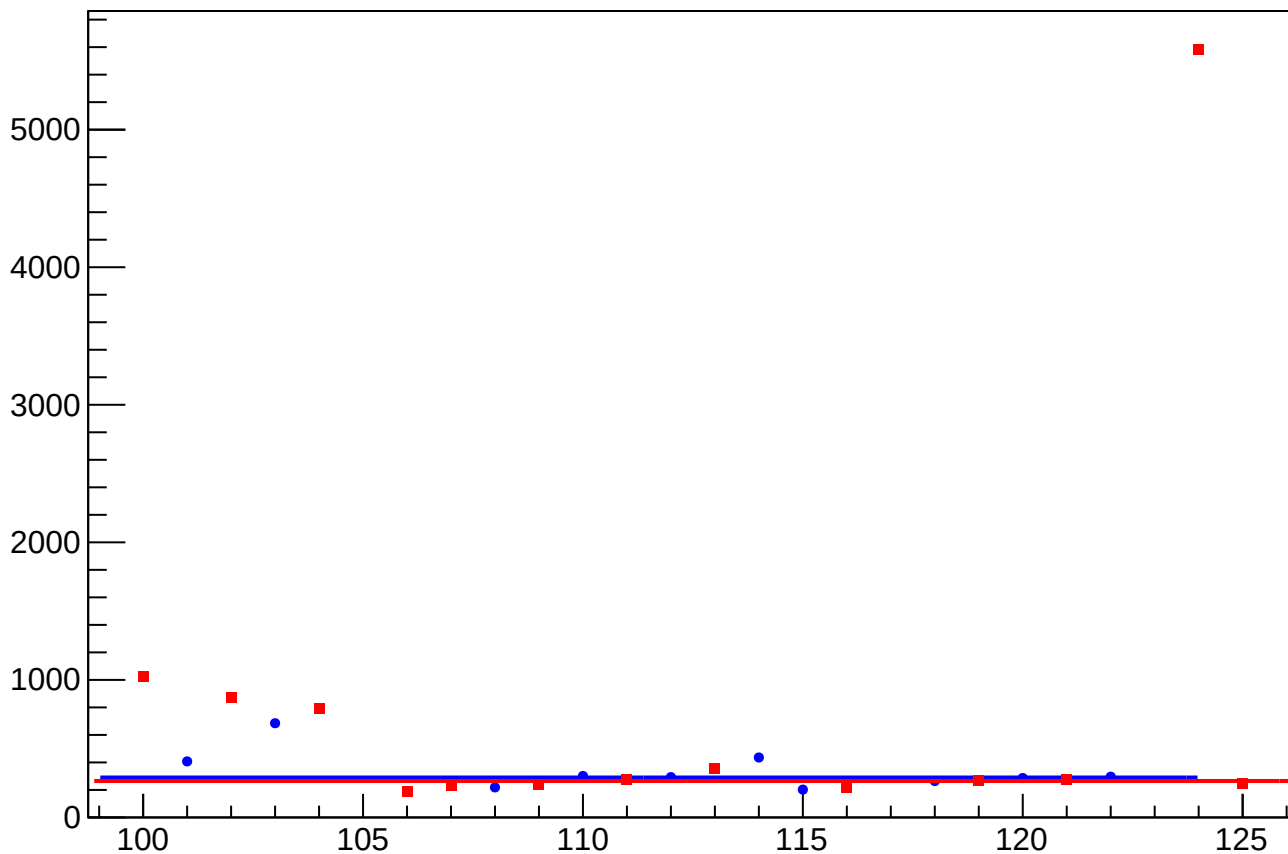
Right: 0.115+/-0.101 χ^2/NDF : 26.2/22

In: 0.041+/-0.153 χ^2/NDF :4.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.115+/-0.101 χ^2/NDF : 26.2/22

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: 265.188+/-0.096 χ^2/NDF : 1311918.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

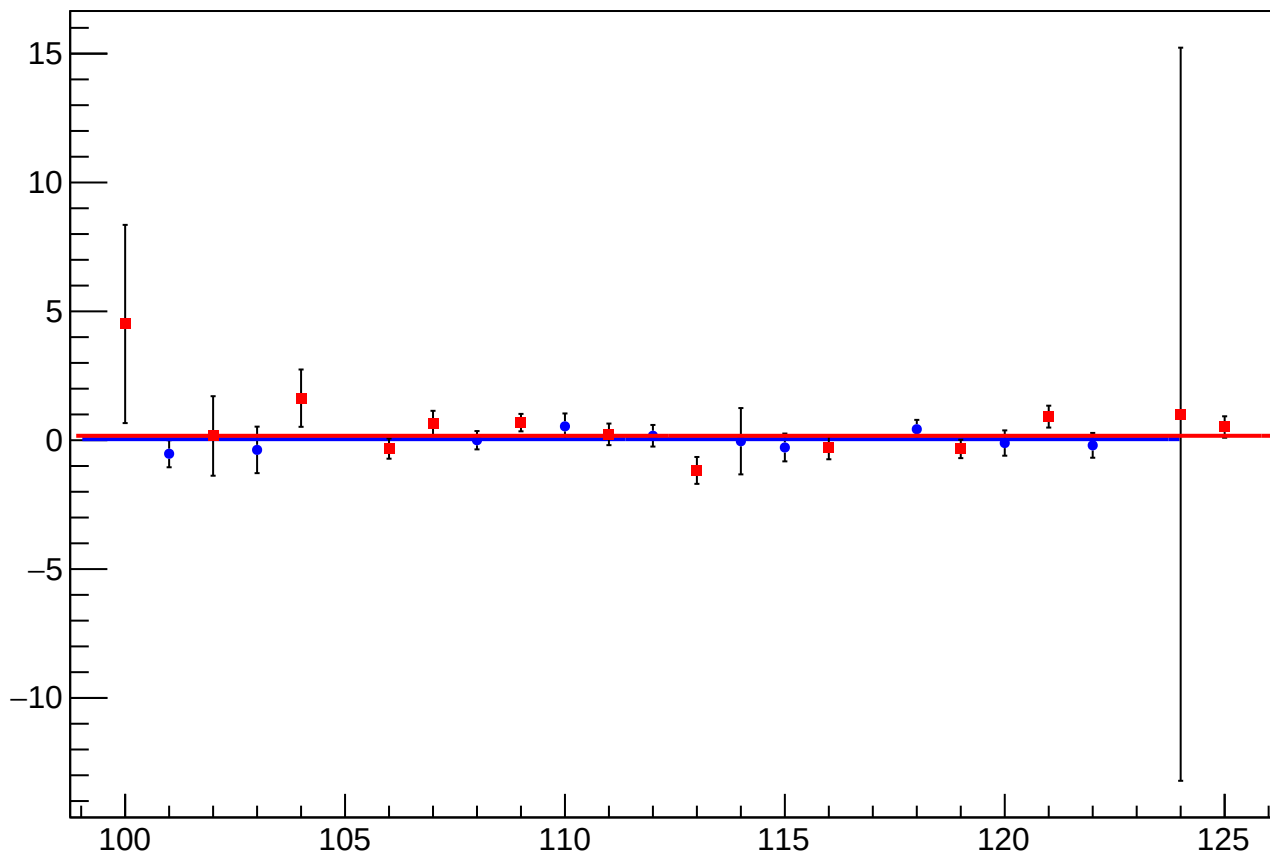
Right: 276.272+/-0.072 χ^2/NDF : 1996521.6/22

In: 290.447+/-0.108 χ^2/NDF : 654084.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 276.272+/-0.072 χ^2/NDF : 1996521.6/22

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: 0.172+/-0.135 χ^2/NDF : 21.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

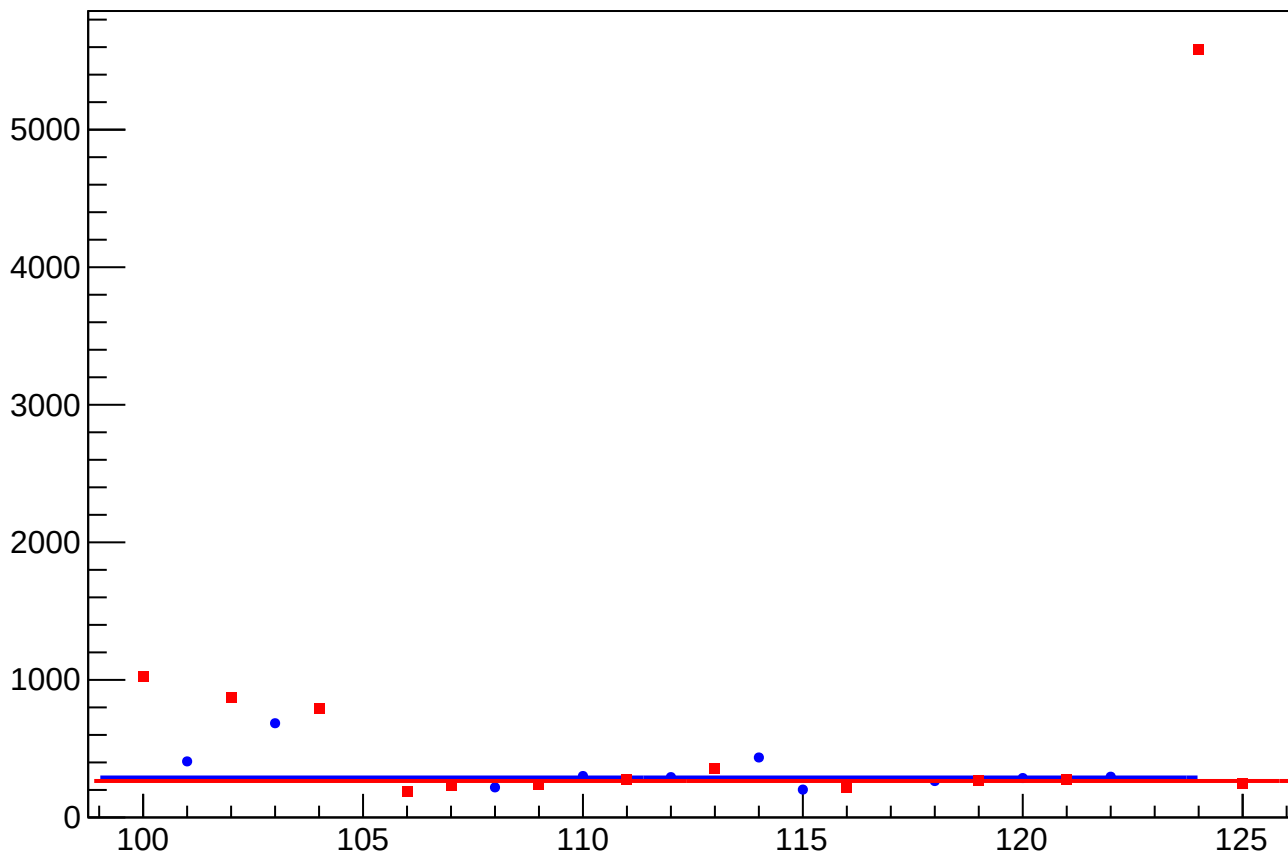
Right: 0.115+/-0.101 χ^2/NDF : 26.2/22

In: 0.041+/-0.153 χ^2/NDF :4.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.115+/-0.101 χ^2/NDF : 26.2/22

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: 265.188+/-0.096 χ^2/NDF : 1311918.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

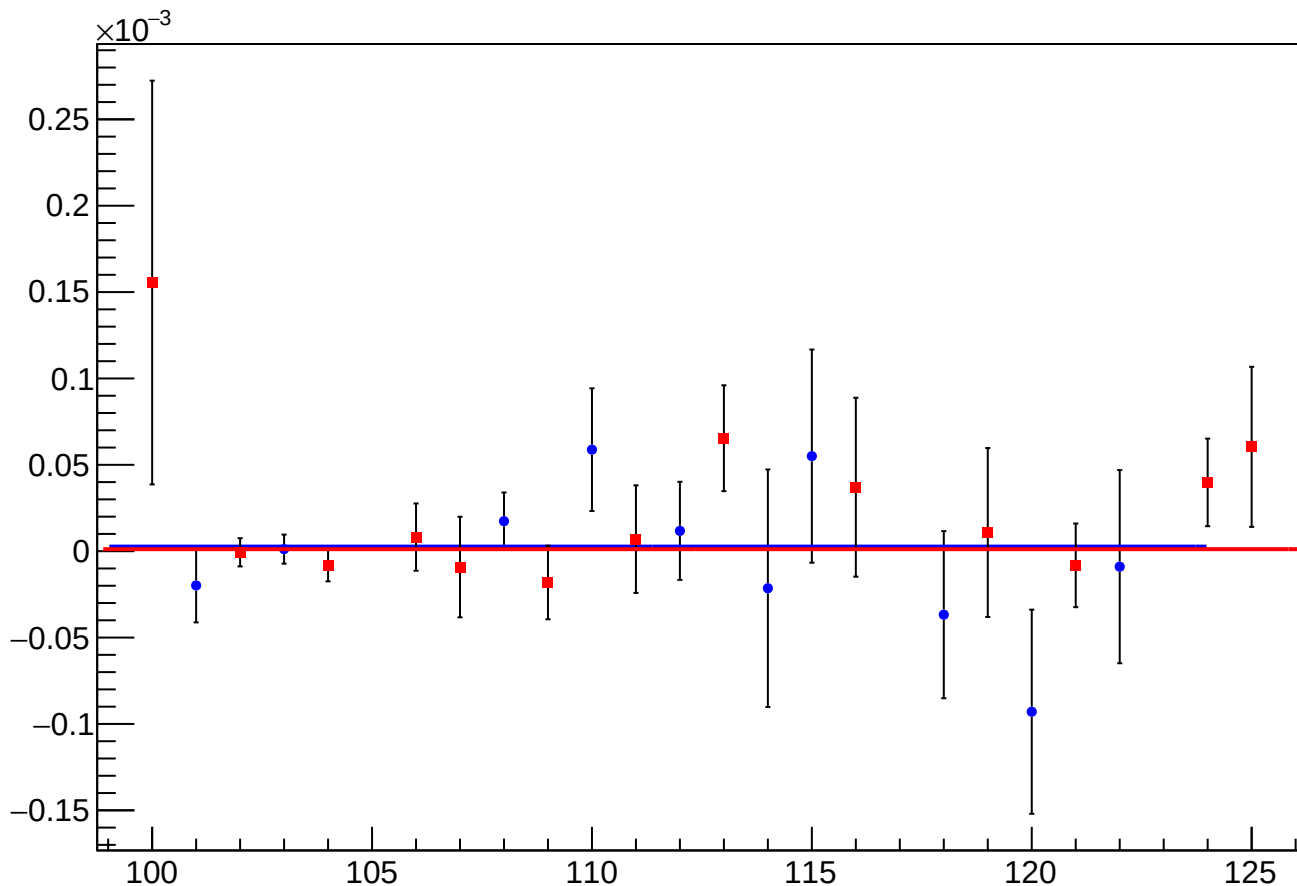
Right: 276.272+/-0.072 χ^2/NDF : 1996521.6/22

In: 290.447+/-0.108 χ^2/NDF : 654084.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 276.272+/-0.072 χ^2/NDF : 1996521.6/22

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 : 13.0/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

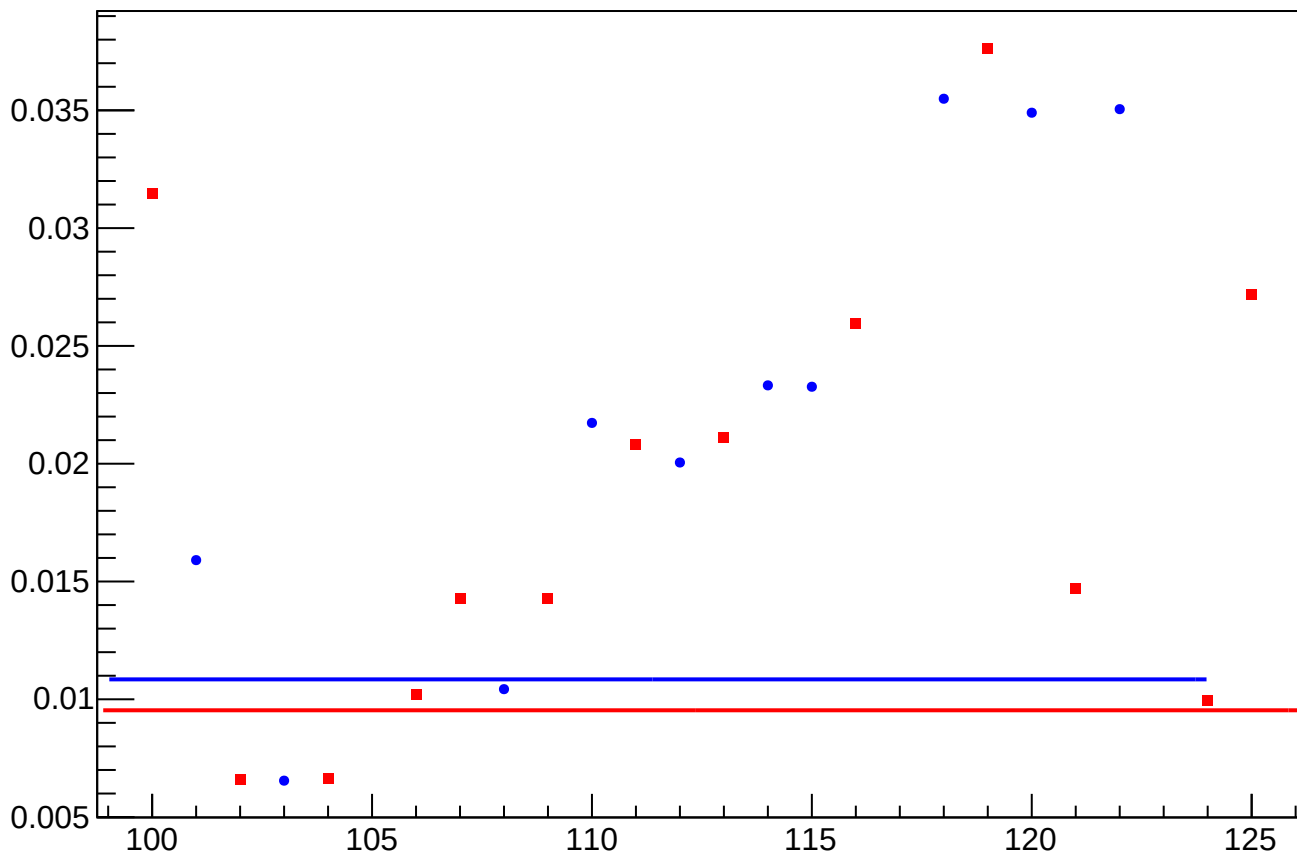
Right: 0.000+/-0.000 χ^2/NDF : 21.7/22

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 : 21.7/22

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: 0.010+/-0.000 χ^2/NDF : 2477912.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

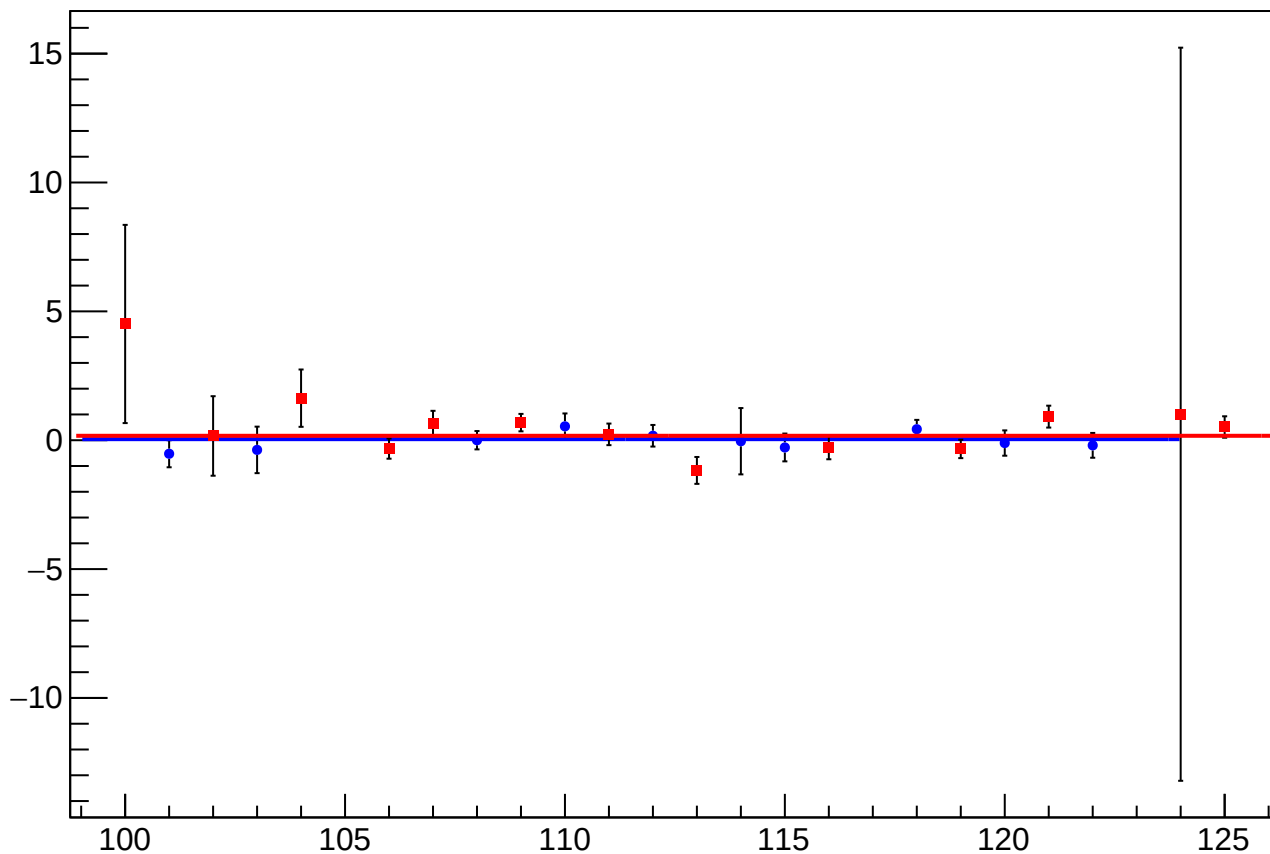
Right: 0.010+/-0.000 χ^2/NDF : 4934708.8/22

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 : 4934708.8/22

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: 0.172+/-0.135 χ^2/NDF : 21.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

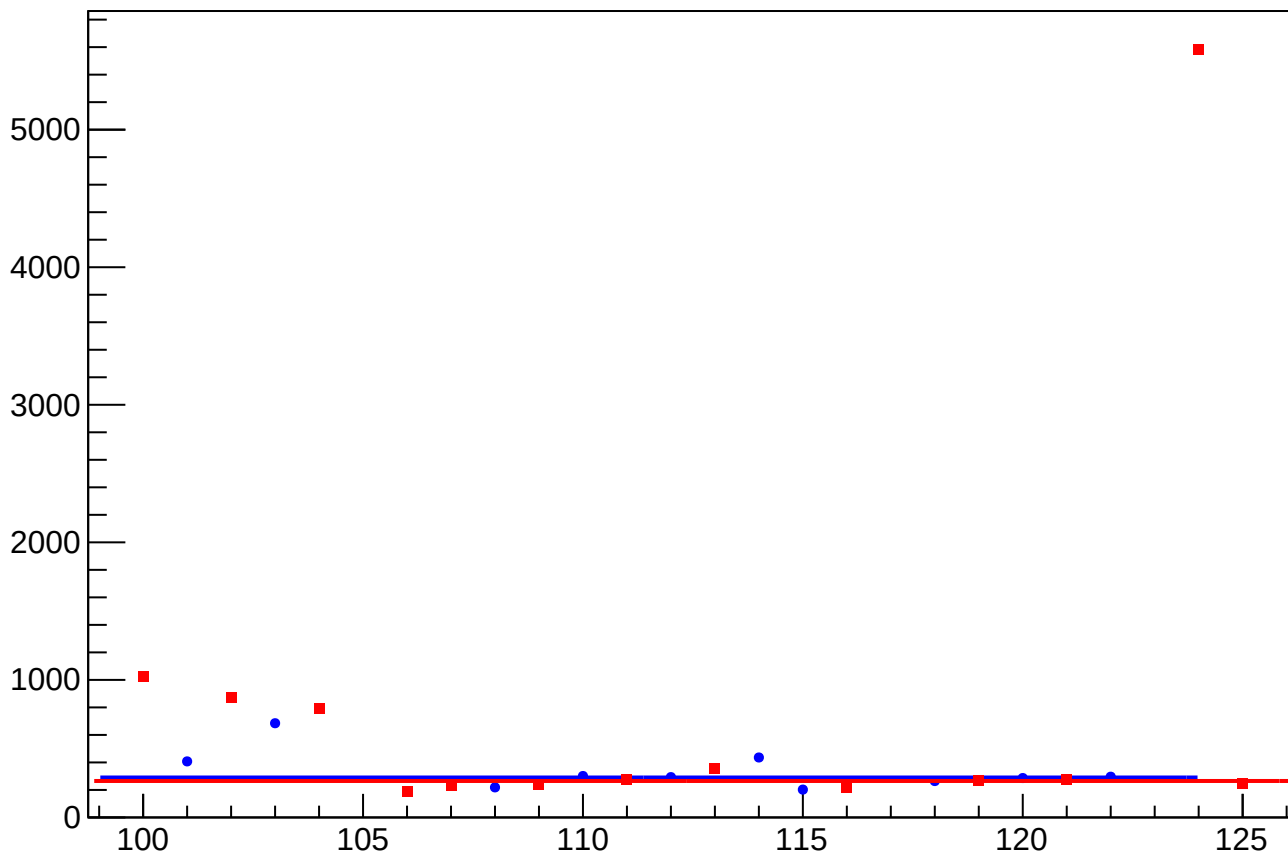
Right: 0.115+/-0.101 χ^2/NDF : 26.2/22

In: 0.041+/-0.153 χ^2/NDF :4.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.115+/-0.101 χ^2/NDF : 26.2/22

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: 265.189+/-0.096 χ^2/NDF : 1311908.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

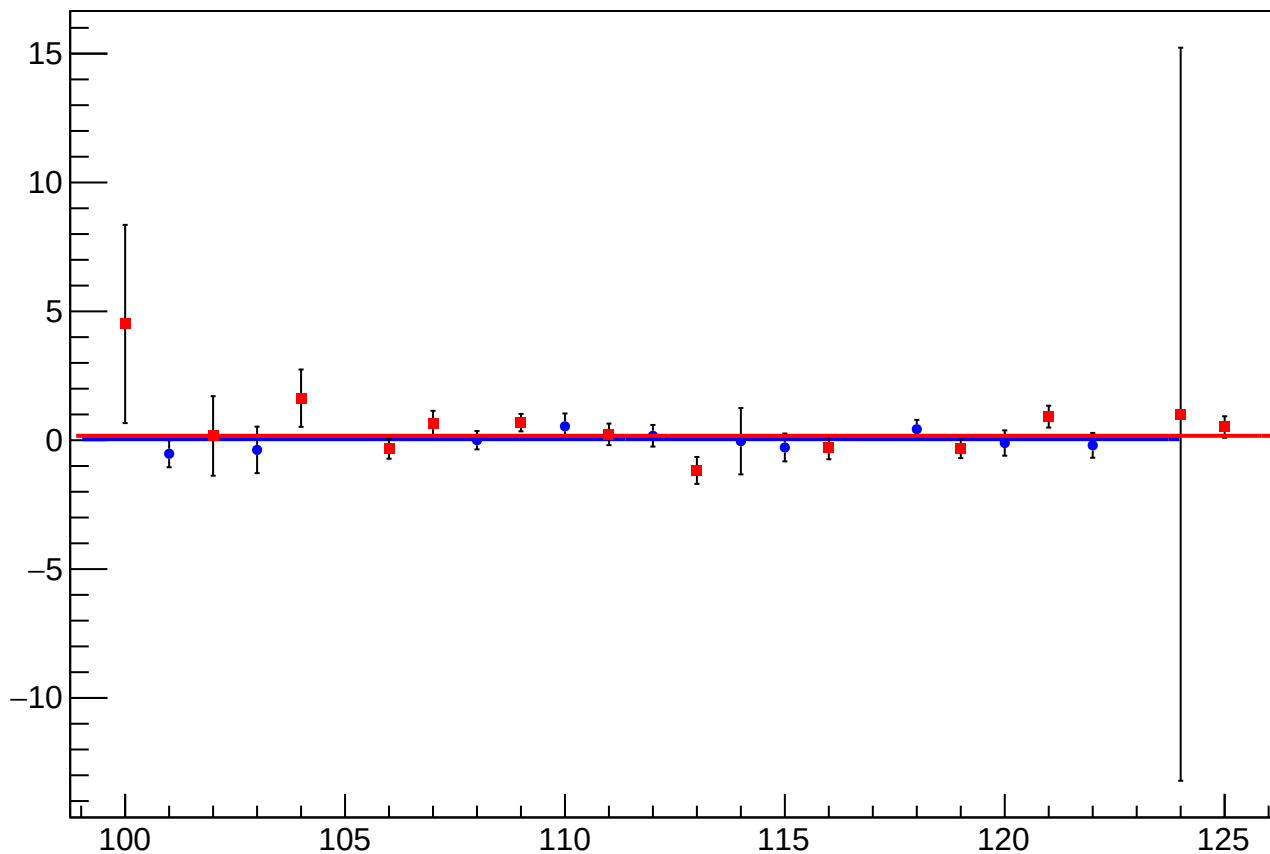
Right: 276.273+/-0.072 χ^2/NDF : 1996493.5/22

In: 290.448+/-0.108 χ^2/NDF : 654066.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 276.273+/-0.072 χ^2/NDF : 1996493.5/22

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: 0.172+/-0.135 χ^2/NDF : 21.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

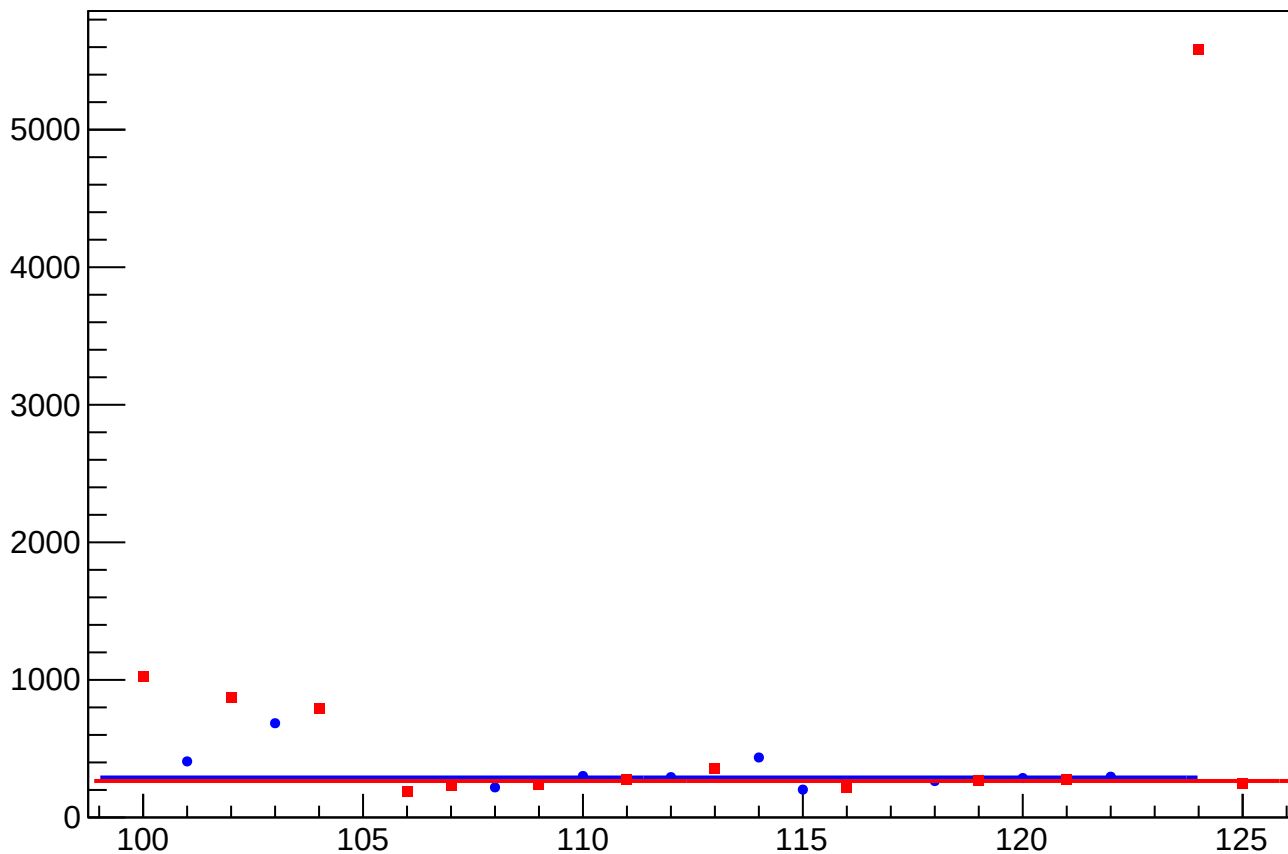
Right: 0.115+/-0.101 χ^2/NDF : 26.2/22

In: 0.041+/-0.153 χ^2/NDF :4.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.115+/-0.101 χ^2/NDF : 26.2/22

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: 265.189+/-0.096 χ^2/NDF : 1311908.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

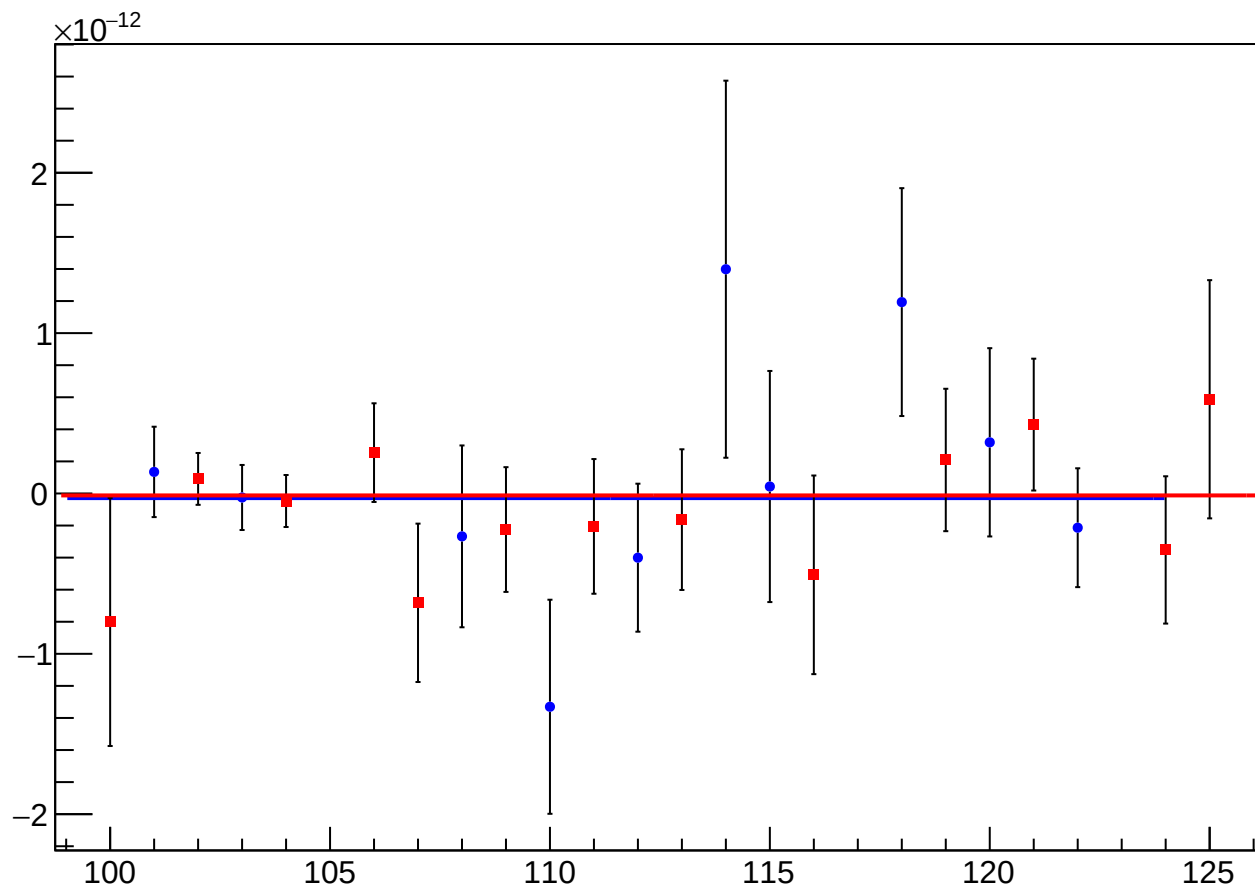
Right: 276.273+/-0.072 χ^2/NDF : 1996493.5/22

In: 290.448+/-0.108 χ^2/NDF : 654066.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 276.273+/-0.072 χ^2/NDF : 1996493.5/22

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: 8.0/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

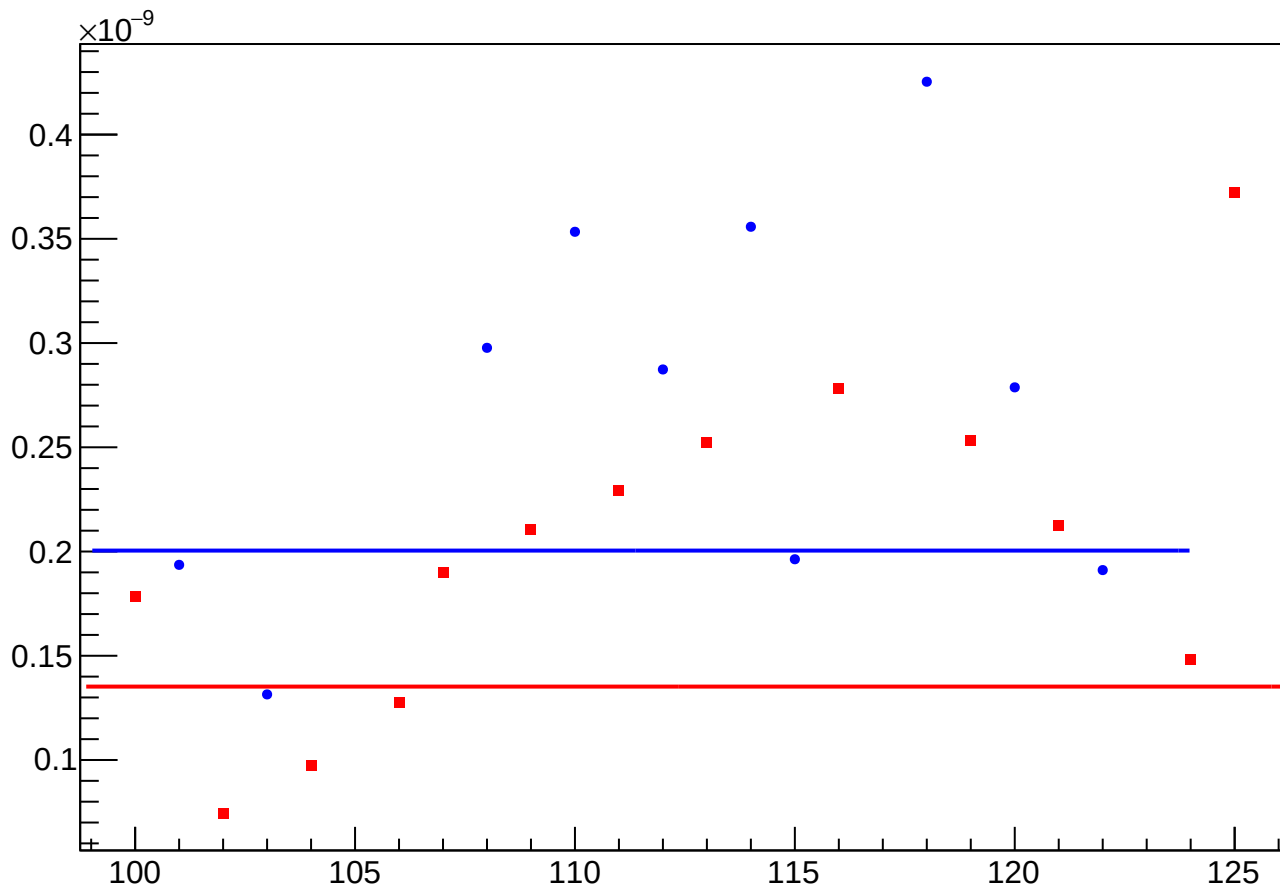
Right: -0.000+/-0.000 χ^2 /NDF: 18.0/22

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: 18.0/22

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 : 1264455.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

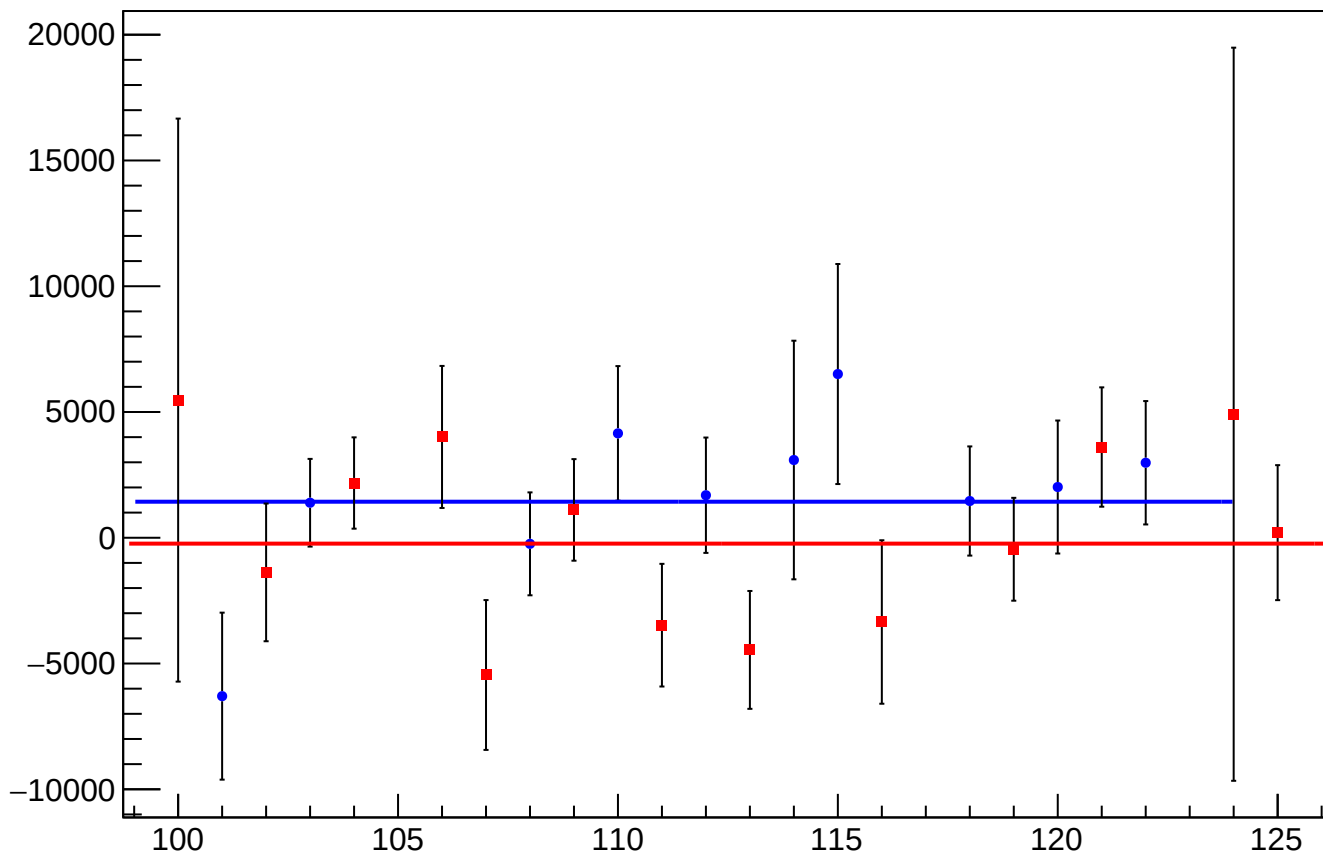
Right: 0.000+/-0.000 χ^2/NDF : 2360435.3/22

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 : 2360435.3/22

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: -233.396+/-719.094 χ^2/NDF : 16.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

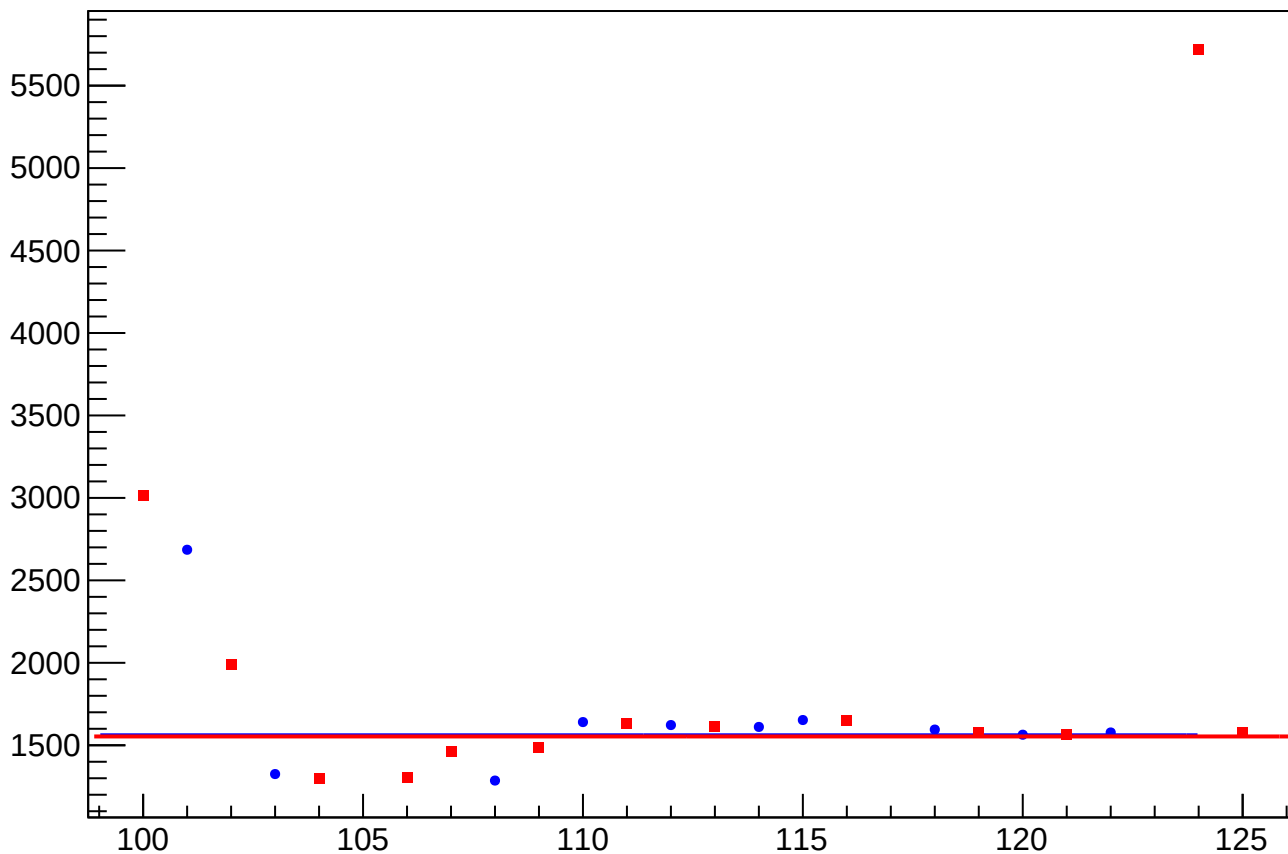
Right: 522.990+/-531.420 χ^2/NDF : 28.2/22

In: 1433.169+/-788.819 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 522.990+/-531.420 χ^2/NDF : 28.2/22

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: 1553.416+/-0.508 χ^2/NDF : 312341.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

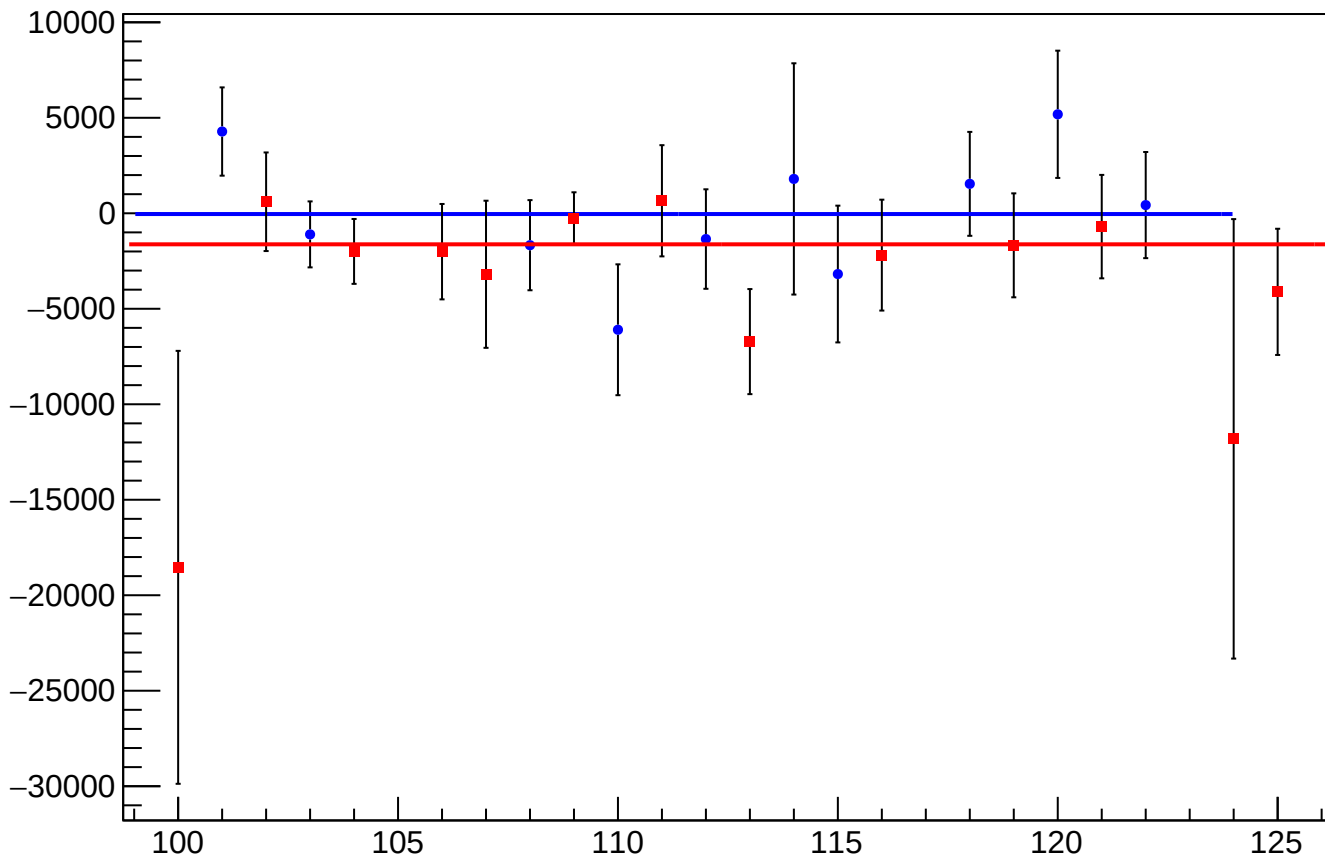
Right: 1556.631+/-0.376 χ^2/NDF : 619525.8/22

In: 1560.500+/-0.558 χ^2/NDF :307096.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1556.631+/-0.376 χ^2/NDF : 619525.8/22

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: -1625.137 ± 703.887 χ^2/NDF : 9.8/12

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

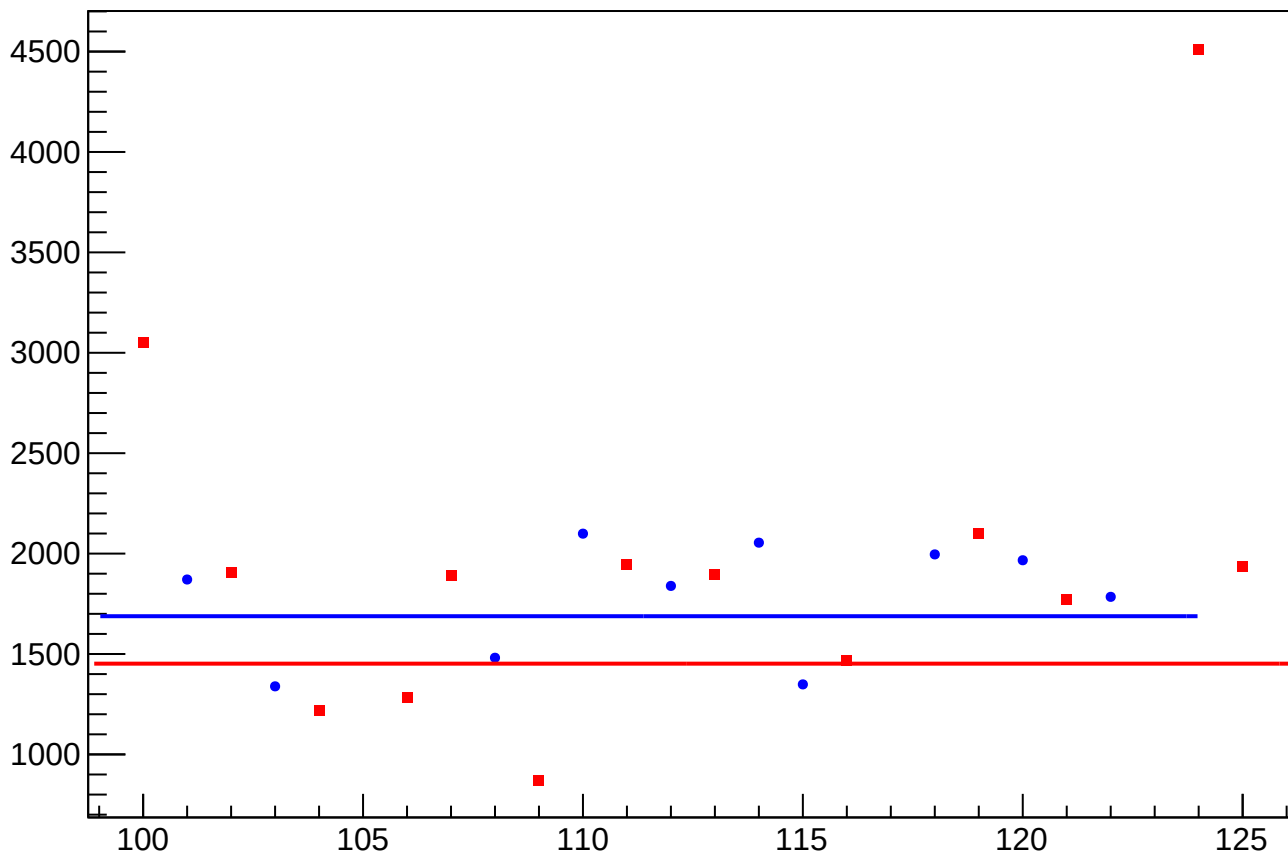
Right: -977.475 ± 541.320 χ^2/NDF : 23.3/22

In: -39.945 ± 846.878 χ^2/NDF : 11.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -977.475 ± 541.320 χ^2/NDF : 23.3/22

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: 1451.931+/-0.498 χ^2/NDF : 979756.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

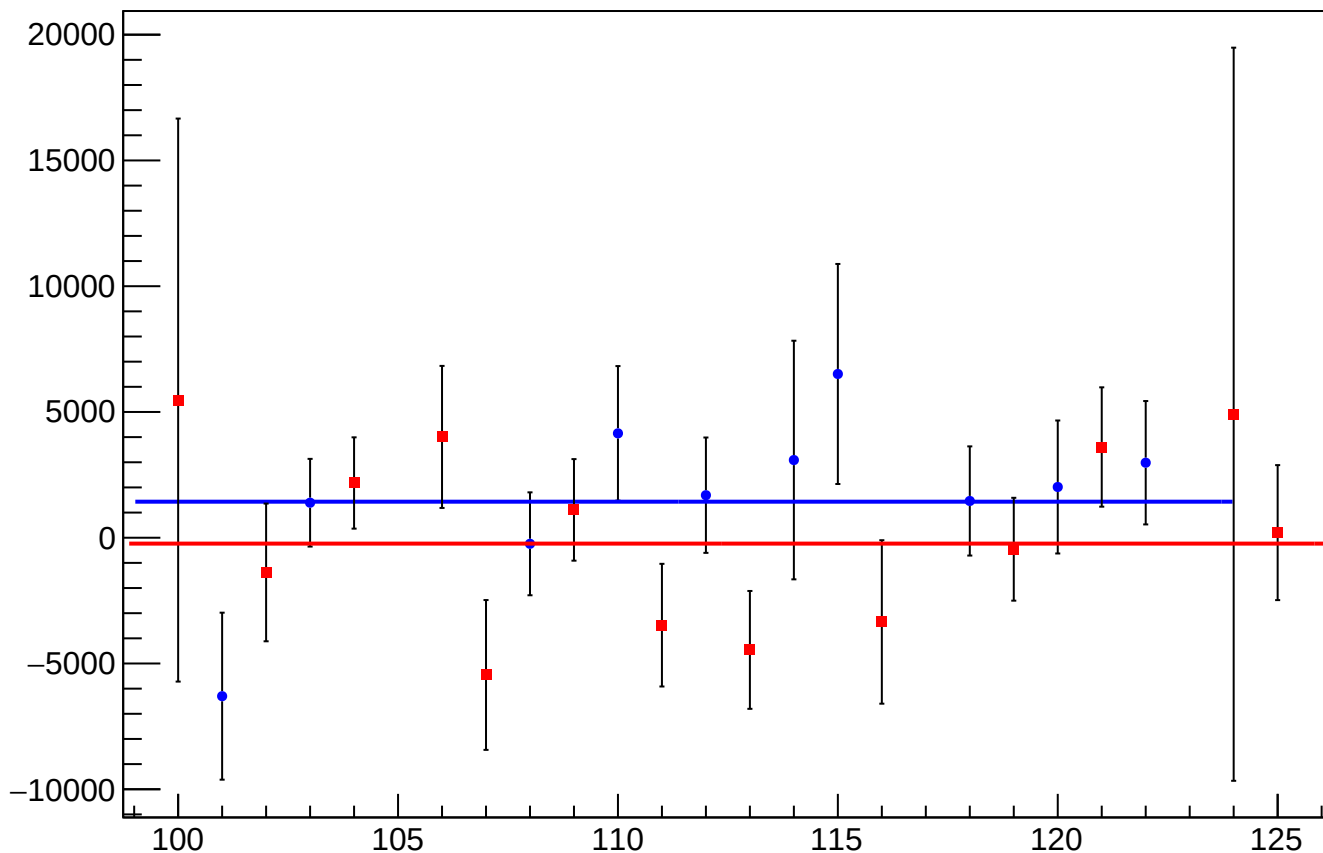
Right: 1548.468+/-0.383 χ^2/NDF : 1284238.4/22

In: 1688.211+/-0.599 χ^2/NDF : 212405.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1548.468+/-0.383 χ^2/NDF : 1284238.4/22

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: -233.727+/-719.094 χ^2/NDF : 16.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

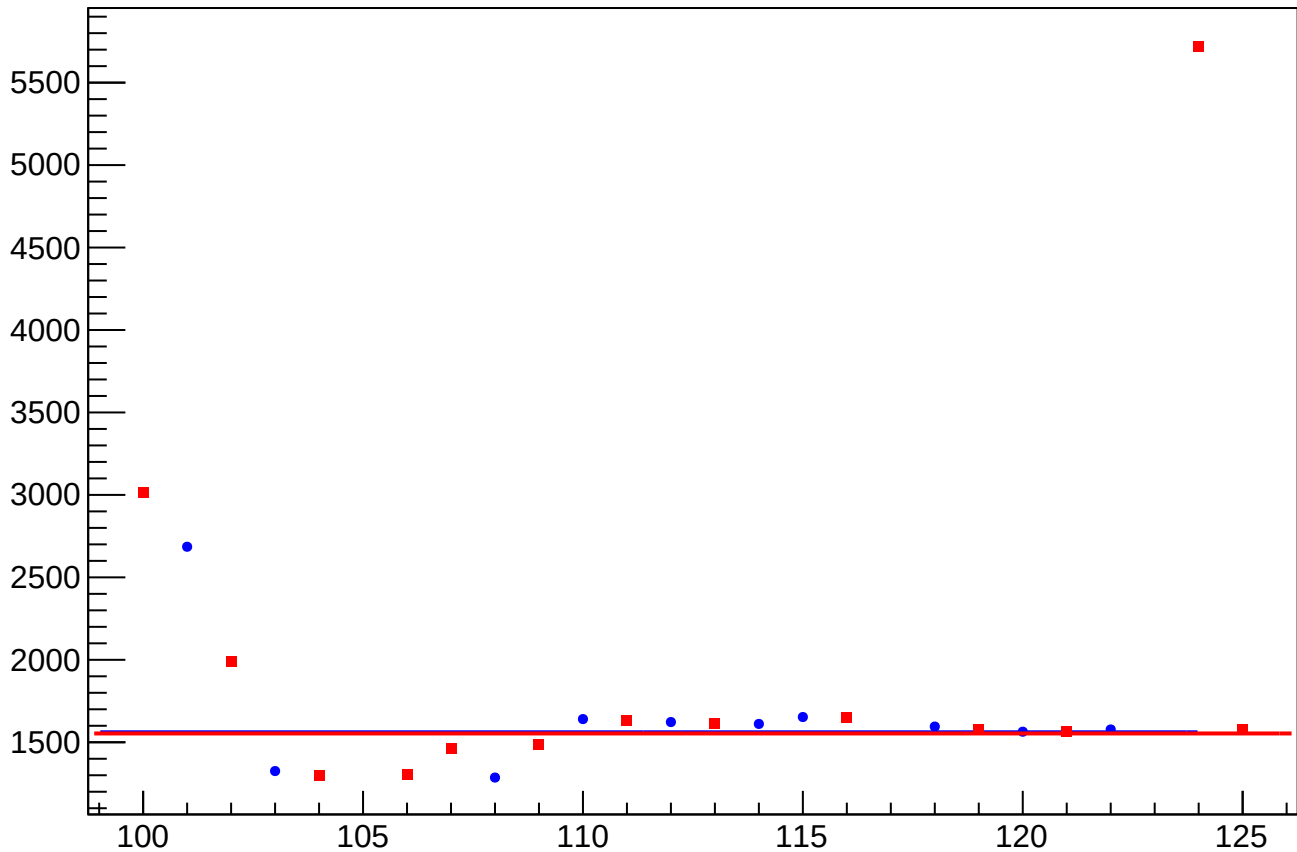
Right: 522.740+/-531.420 χ^2/NDF : 28.2/22

In: 1433.019+/-788.819 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 522.740+/-531.420 χ^2/NDF : 28.2/22

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: 1553.416+/-0.508 χ^2/NDF : 312341.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

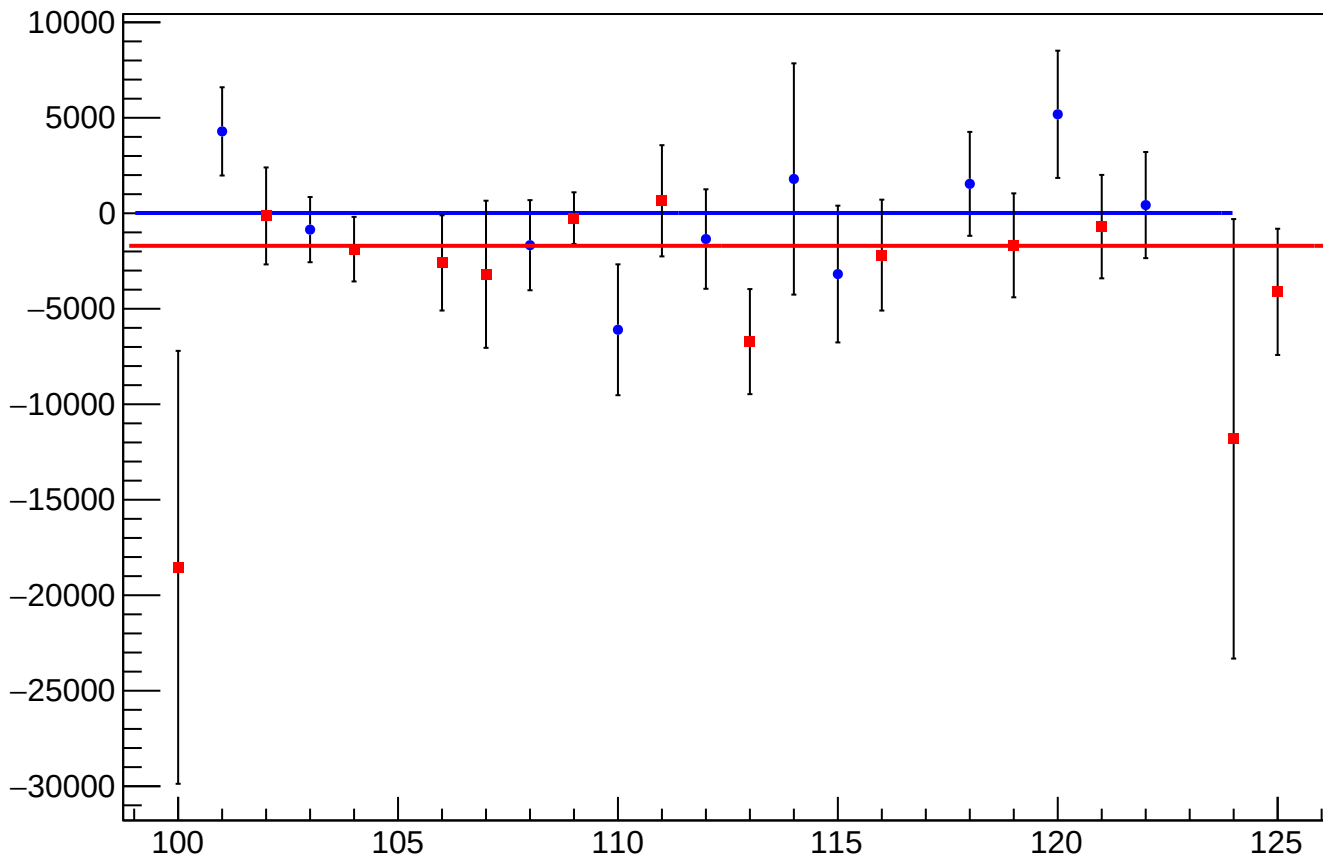
Right: 1556.631+/-0.376 χ^2/NDF : 619525.7/22

In: 1560.499+/-0.558 χ^2/NDF : 307096.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1556.631+/-0.376 χ^2/NDF : 619525.7/22

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: -1703.778+/-702.336 χ^2/NDF : 9.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

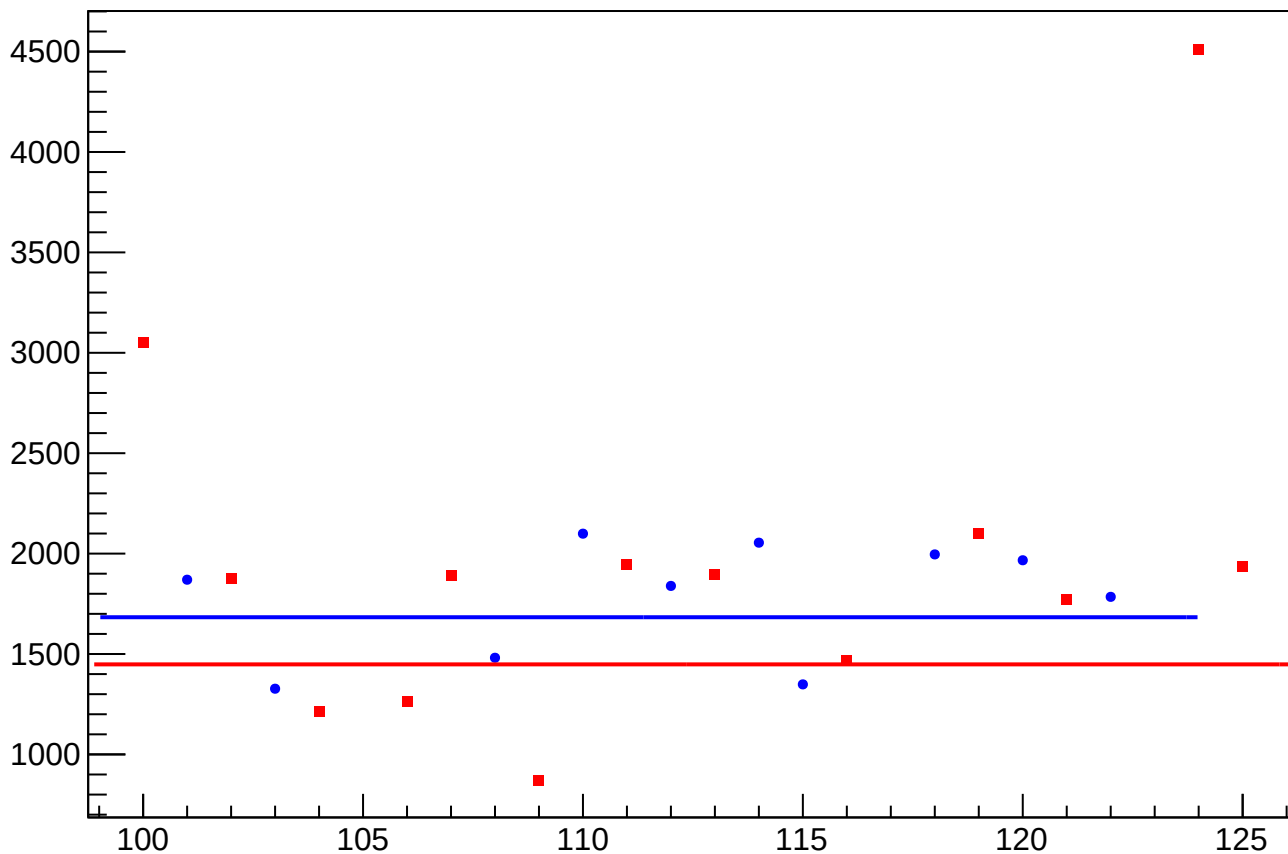
Right: -1000.396+/-539.943 χ^2/NDF : 23.2/22

In: 16.086+/-844.305 χ^2/NDF : 11.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1000.396+/-539.943 χ^2/NDF : 23.2/22

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: 1448.368+/-0.497 χ^2/NDF : 977446.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

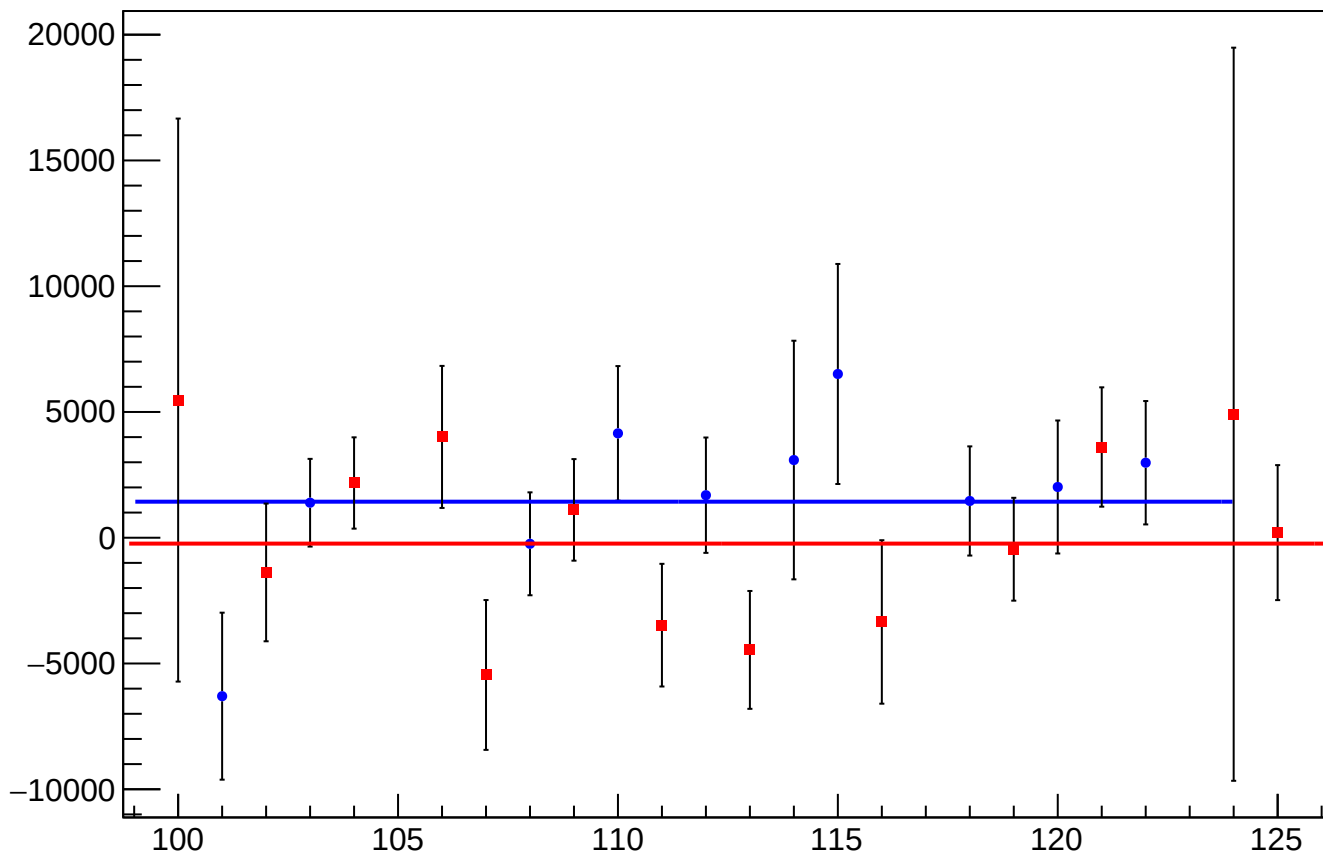
Right: 1544.387+/-0.382 χ^2/NDF : 1288838.5/22

In: 1683.148+/-0.597 χ^2/NDF : 219988.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1544.387+/-0.382 χ^2/NDF : 1288838.5/22

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: -233.727+/-719.094 χ^2/NDF : 16.7/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

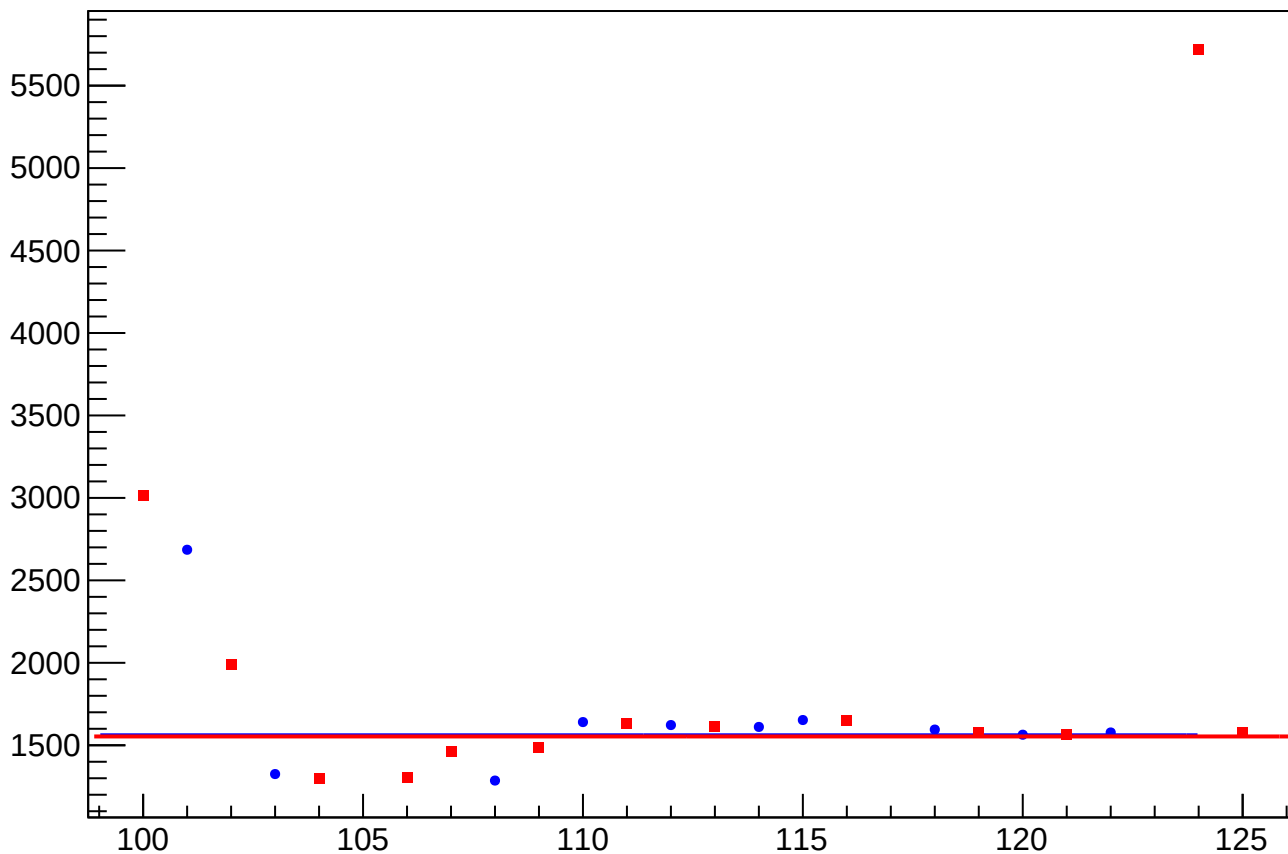
Right: 522.740+/-531.420 χ^2/NDF : 28.2/22

In: 1433.019+/-788.819 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 522.740+/-531.420 χ^2/NDF : 28.2/22

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: 1553.416+/-0.508 χ^2/NDF : 312341.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

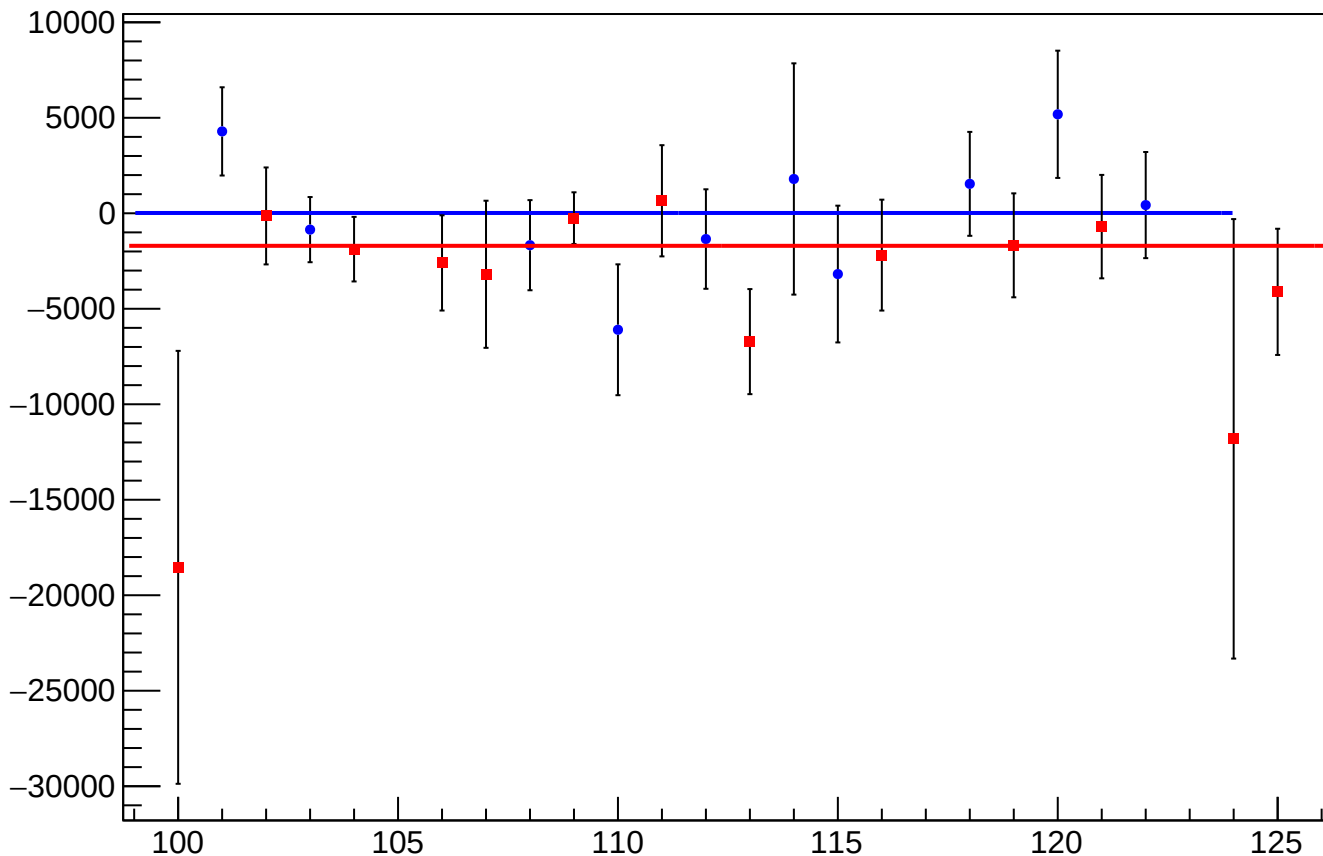
Right: 1556.631+/-0.376 χ^2/NDF : 619525.7/22

In: 1560.499+/-0.558 χ^2/NDF : 307096.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1556.631+/-0.376 χ^2/NDF : 619525.7/22

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: -1703.778+/-702.336 χ^2/NDF : 9.5/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

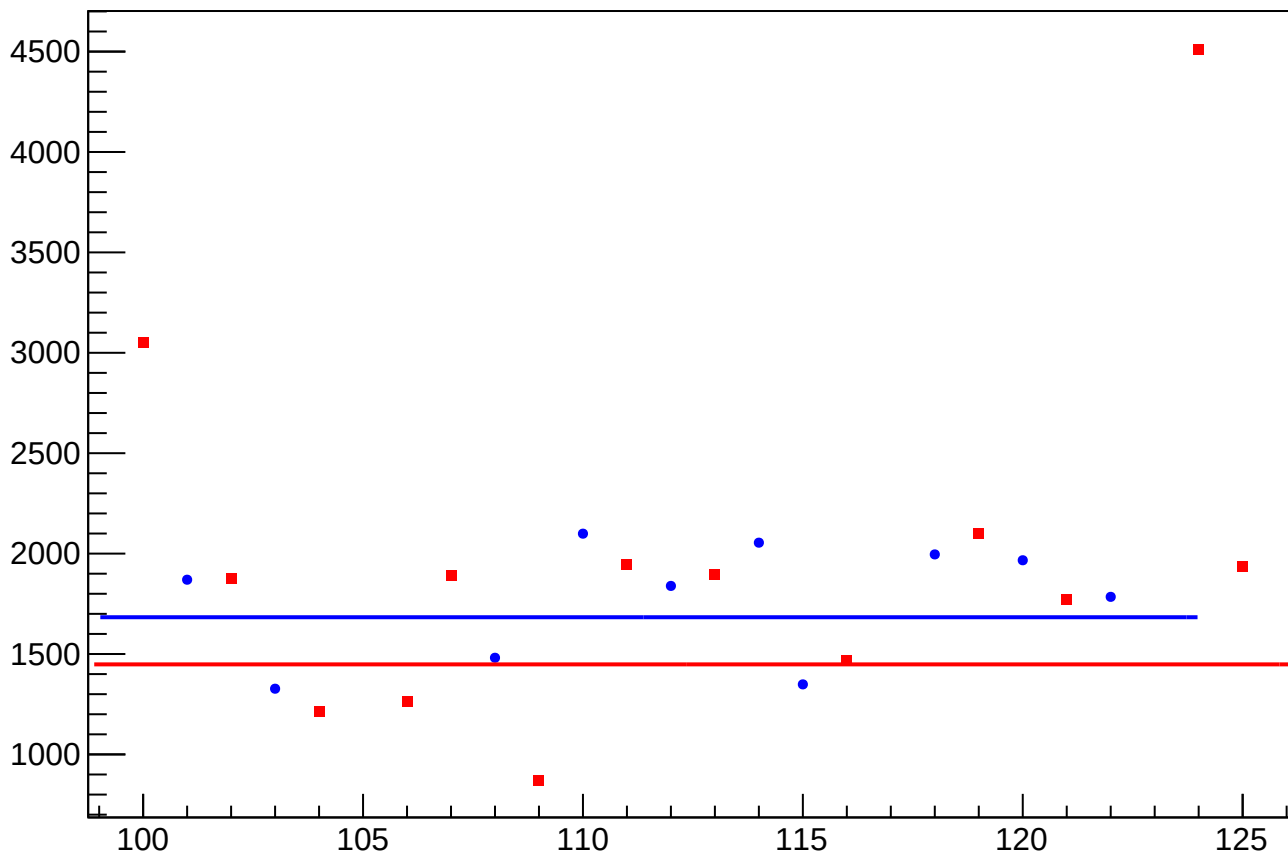
Right: -1000.396+/-539.943 χ^2/NDF : 23.2/22

In: 16.086+/-844.305 χ^2/NDF : 11.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1000.396+/-539.943 χ^2/NDF : 23.2/22

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: 1448.368+/-0.497 χ^2/NDF : 977446.9/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

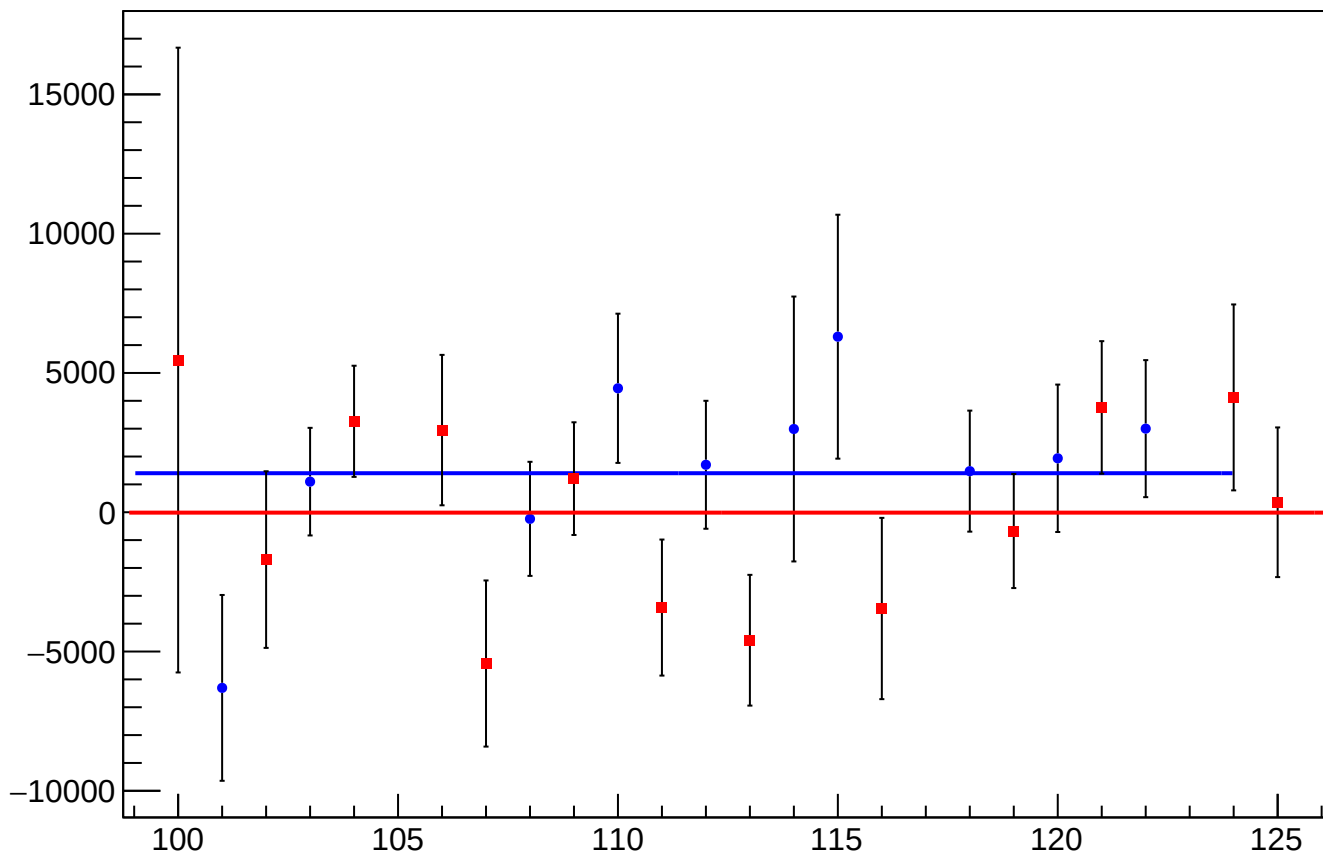
Right: 1544.387+/-0.382 χ^2/NDF : 1288838.5/22

In: 1683.148+/-0.597 χ^2/NDF : 219988.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1544.387+/-0.382 χ^2/NDF : 1288838.5/22

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: -14.113+/-717.925 χ^2/NDF : 19.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

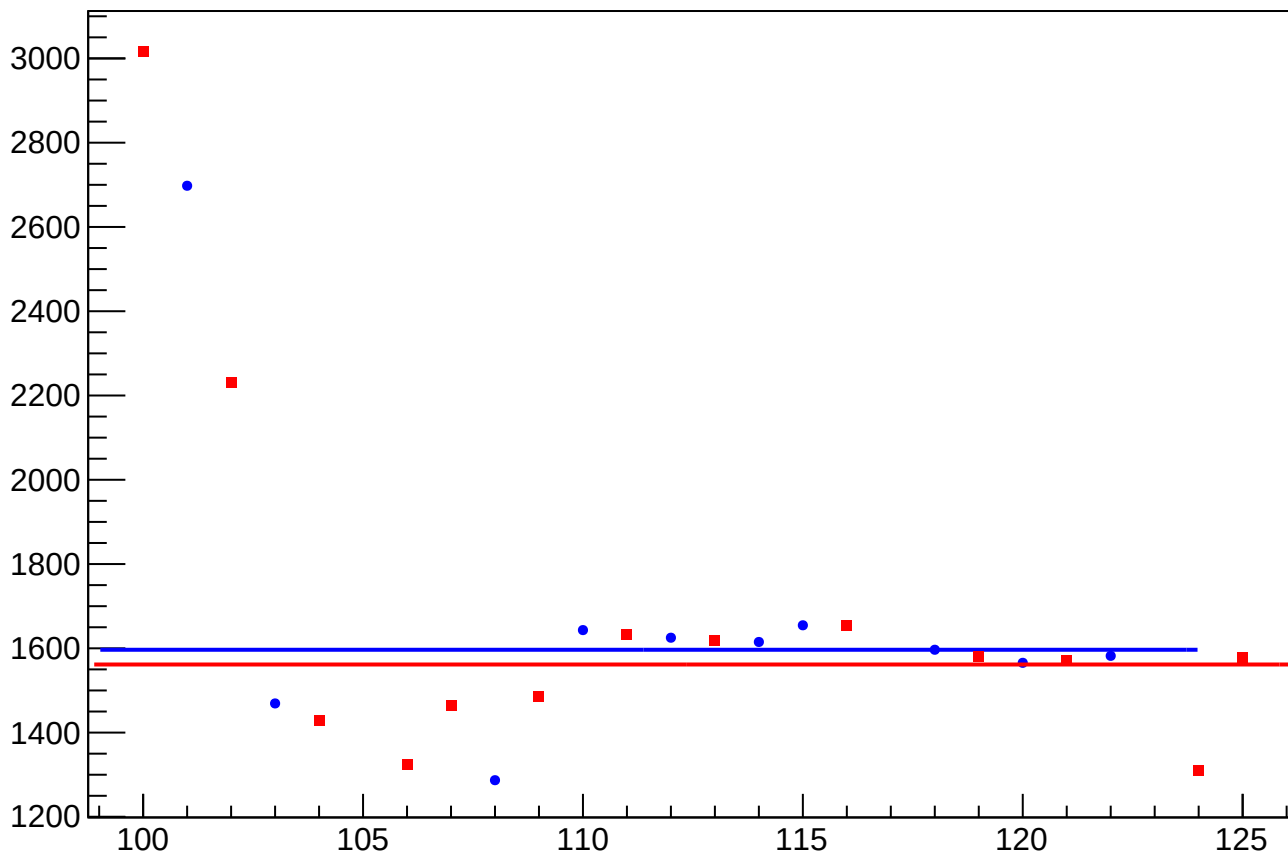
Right: 612.615+/-535.900 χ^2/NDF : 30.0/22

In: 1401.252+/-805.338 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 612.615+/-535.900 χ^2/NDF : 30.0/22

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: 1561.609+/-0.508 χ^2/NDF : 167717.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

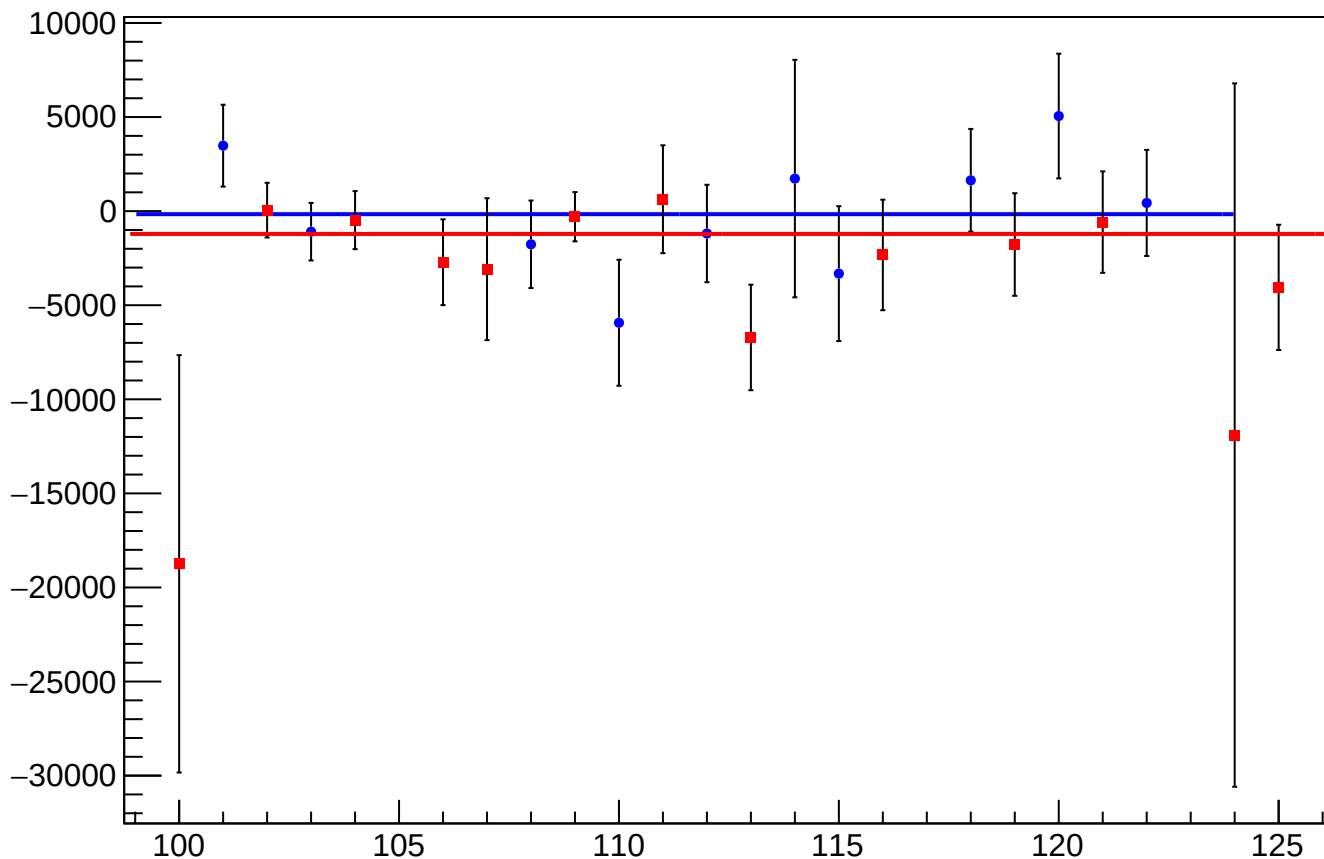
Right: 1577.089+/-0.379 χ^2/NDF : 443871.3/22

In: 1596.568+/-0.569 χ^2/NDF : 274054.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1577.089+/-0.379 χ^2/NDF : 443871.3/22

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: -1211.876+/-635.055 χ^2/NDF : 10.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

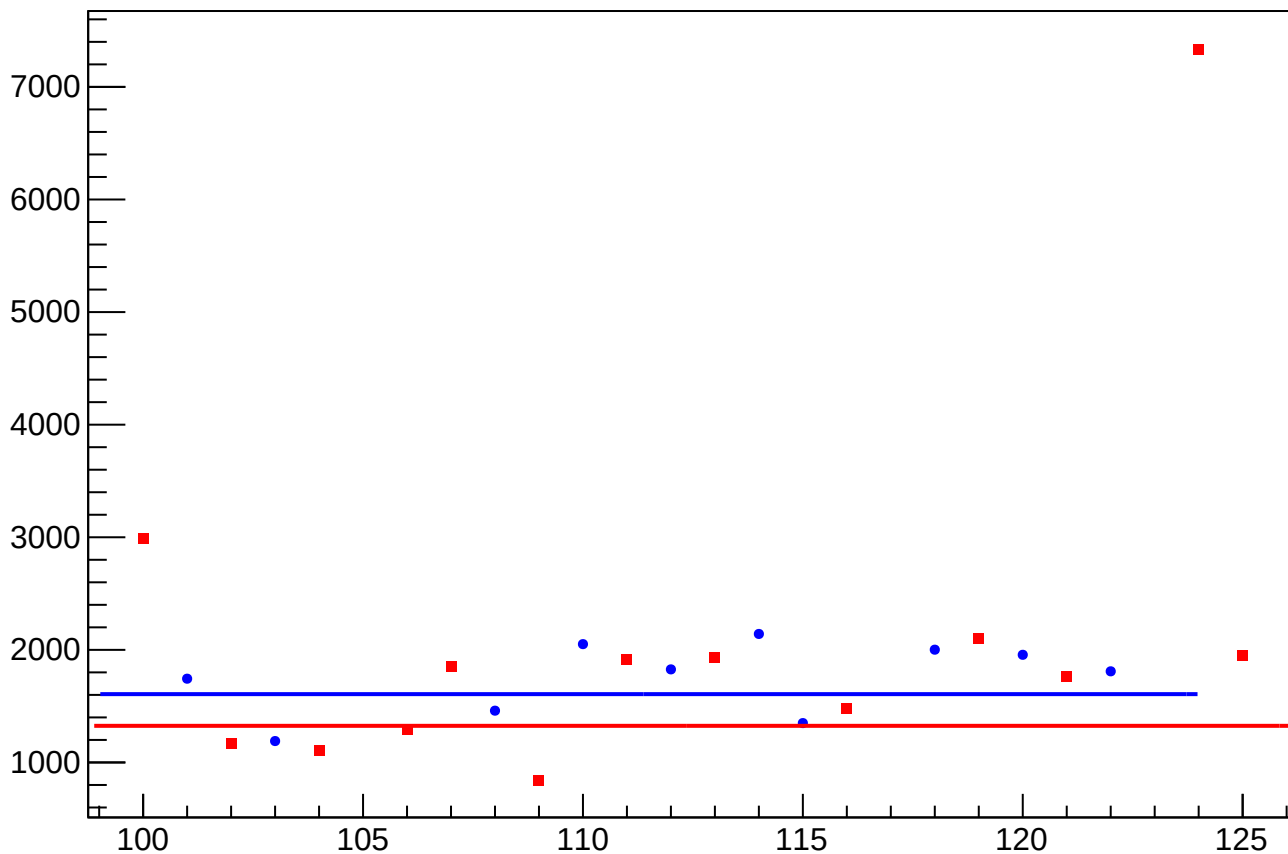
Right: -813.029+/-500.278 χ^2/NDF : 21.9/22

In: -160.662+/-812.184 χ^2/NDF : 10.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -813.029+/-500.278 χ^2/NDF : 21.9/22

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: 1325.300+/-0.449 χ^2/NDF : 1099910.8/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

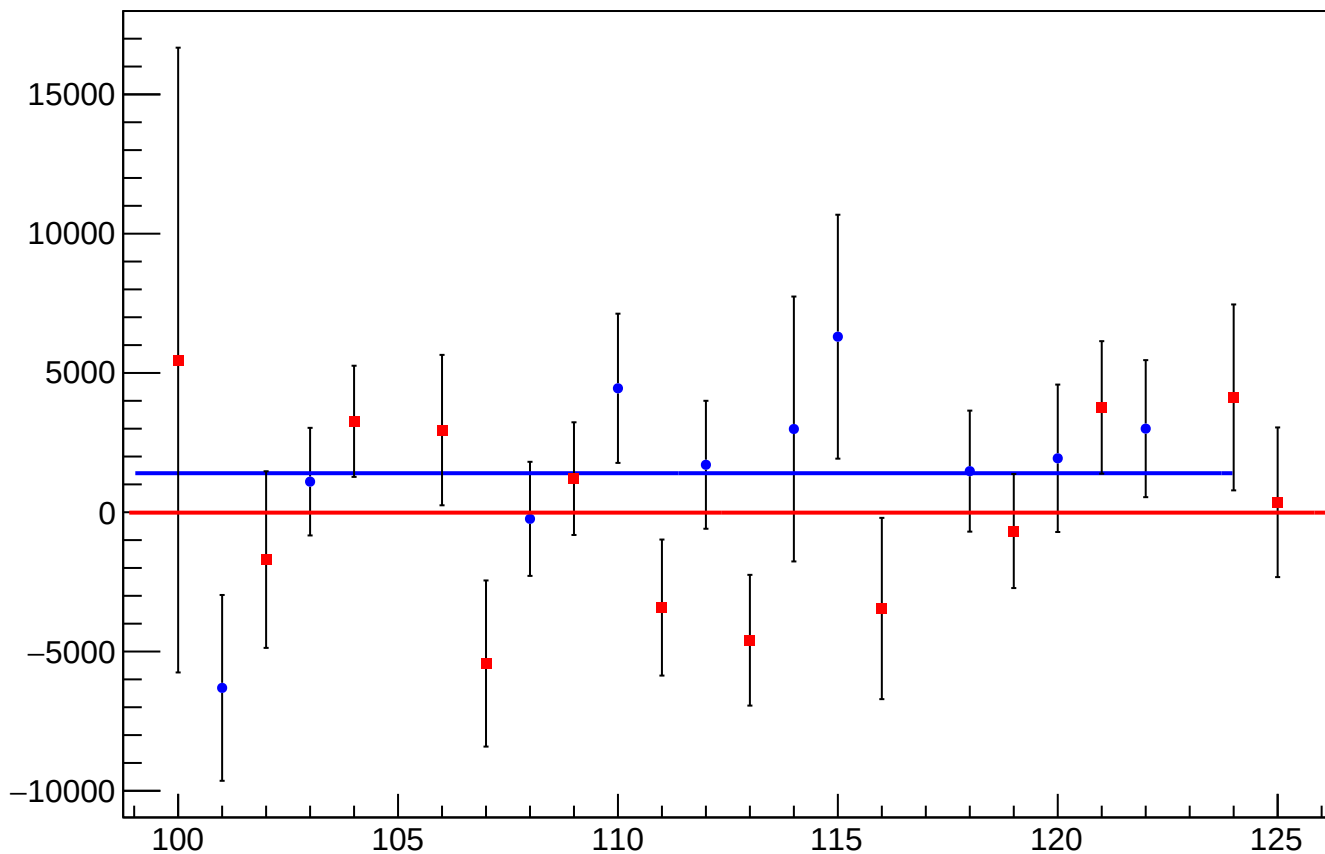
Right: 1432.100+/-0.354 χ^2/NDF : 1561987.7/22

In: 1606.787+/-0.574 χ^2/NDF : 312990.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1432.100+/-0.354 χ^2/NDF : 1561987.7/22

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: -14.111+/-717.925 χ^2/NDF : 19.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

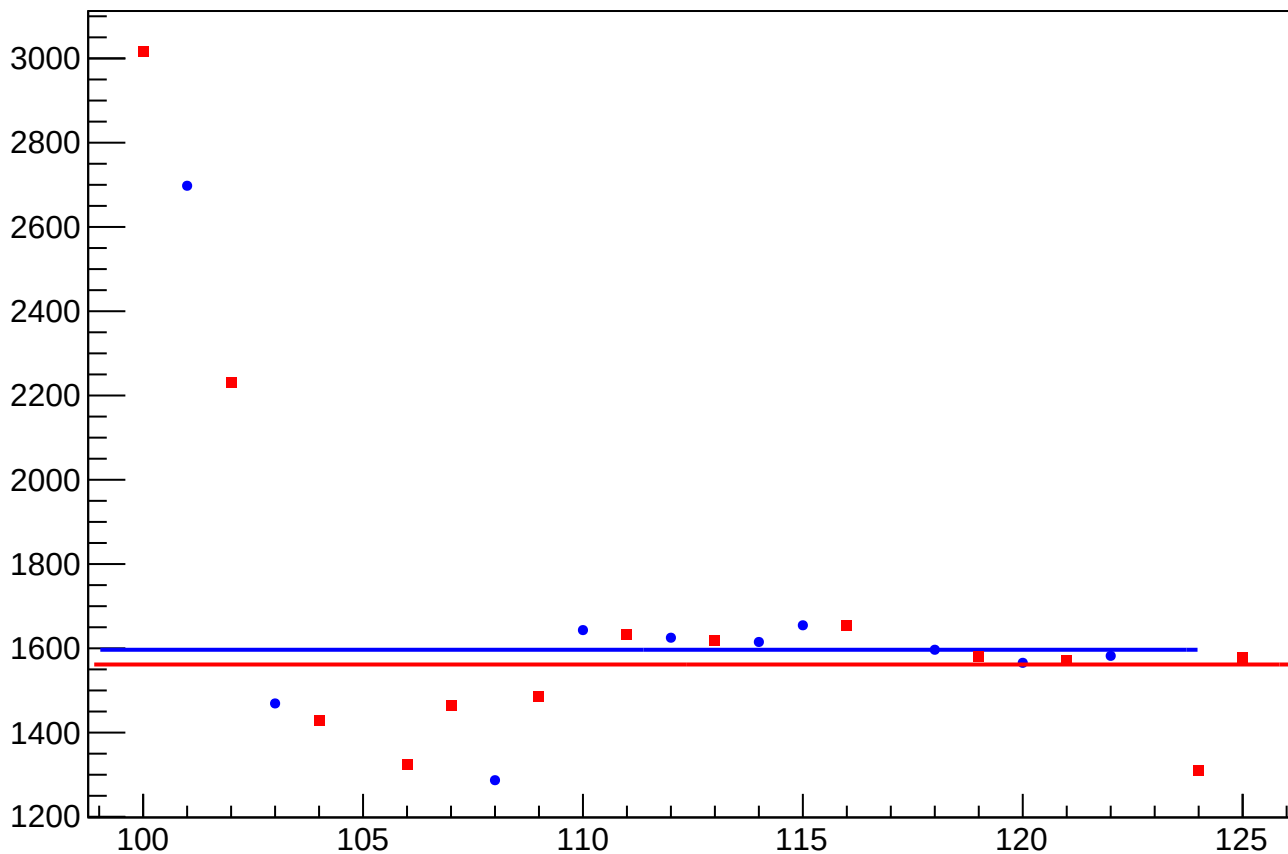
Right: 612.613+/-535.900 χ^2/NDF : 30.0/22

In: 1401.246+/-805.338 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 612.613+/-535.900 χ^2/NDF : 30.0/22

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: 1561.609+/-0.508 χ^2/NDF : 167717.3/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

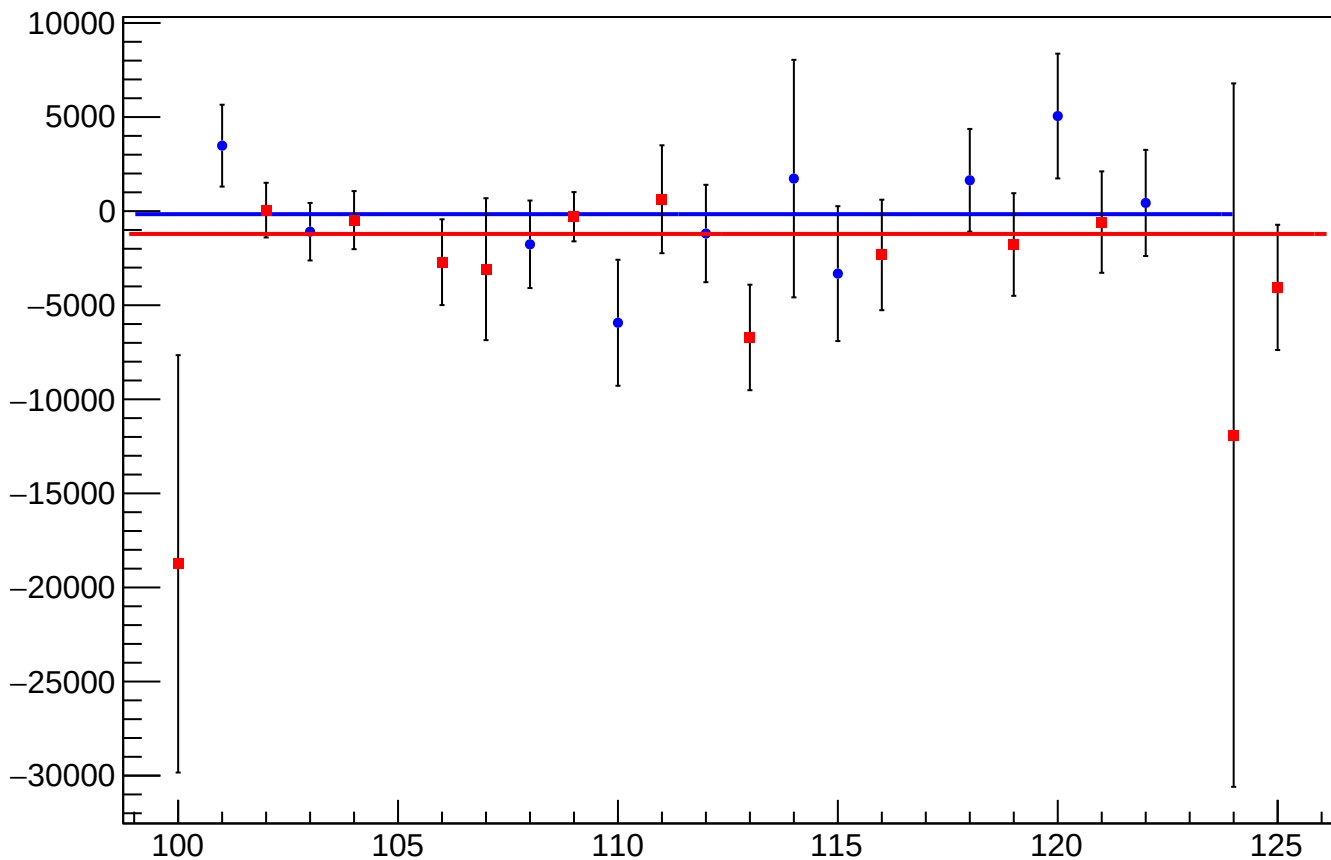
Right: 1577.089+/-0.379 χ^2/NDF : 443871.3/22

In: 1596.568+/-0.569 χ^2/NDF : 274054.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1577.089+/-0.379 χ^2/NDF : 443871.3/22

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: -1211.879+/-635.056 χ^2/NDF : 10.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

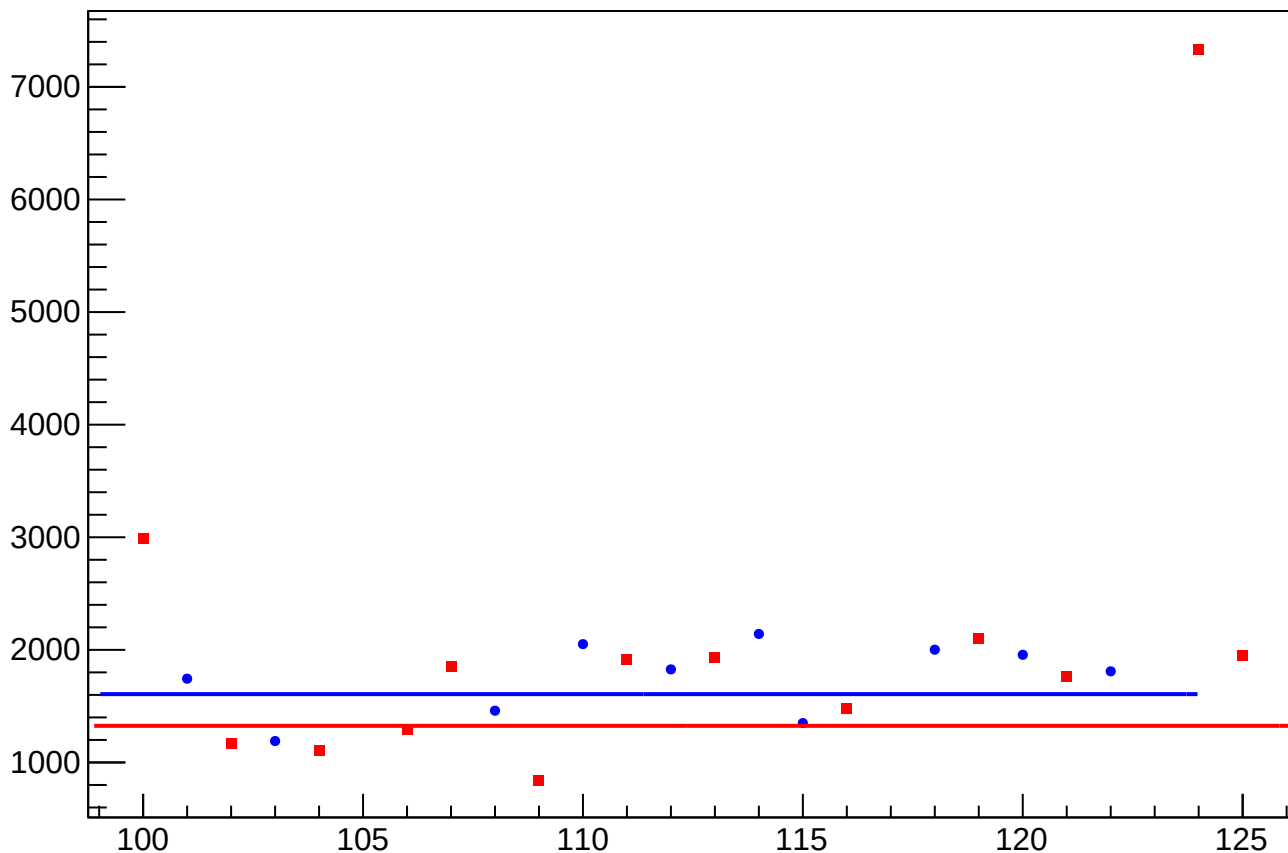
Right: -813.029+/-500.279 χ^2/NDF : 21.9/22

In: -160.661+/-812.182 χ^2/NDF : 10.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -813.029+/-500.279 χ^2/NDF : 21.9/22

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: 1325.305+/-0.449 χ^2/NDF : 1099886.6/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

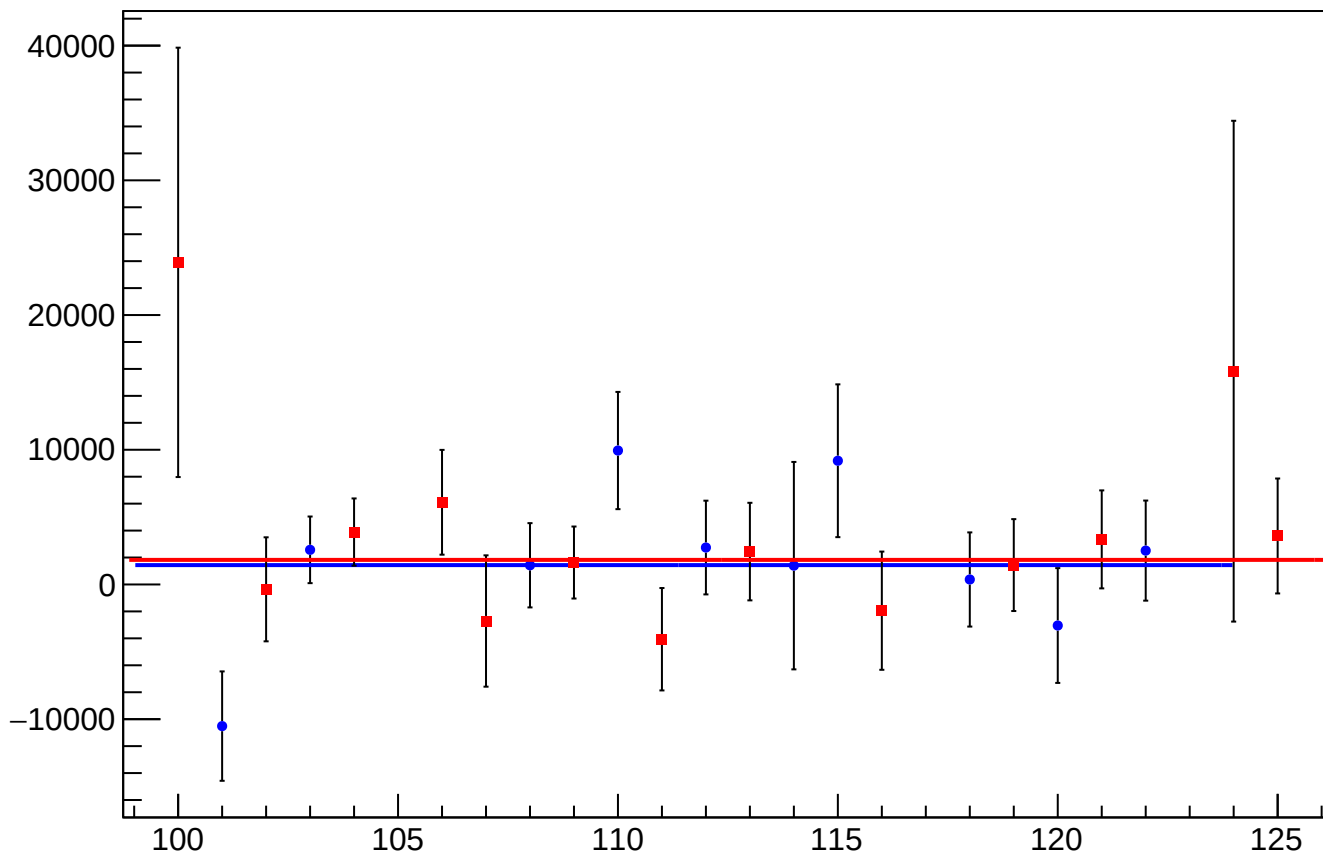
Right: 1432.103+/-0.354 χ^2/NDF : 1561949.9/22

In: 1606.784+/-0.574 χ^2/NDF : 312984.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1432.103+/-0.354 χ^2/NDF : 1561949.9/22

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: 1824.723+/-1055.995 χ^2/NDF : 9.1/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

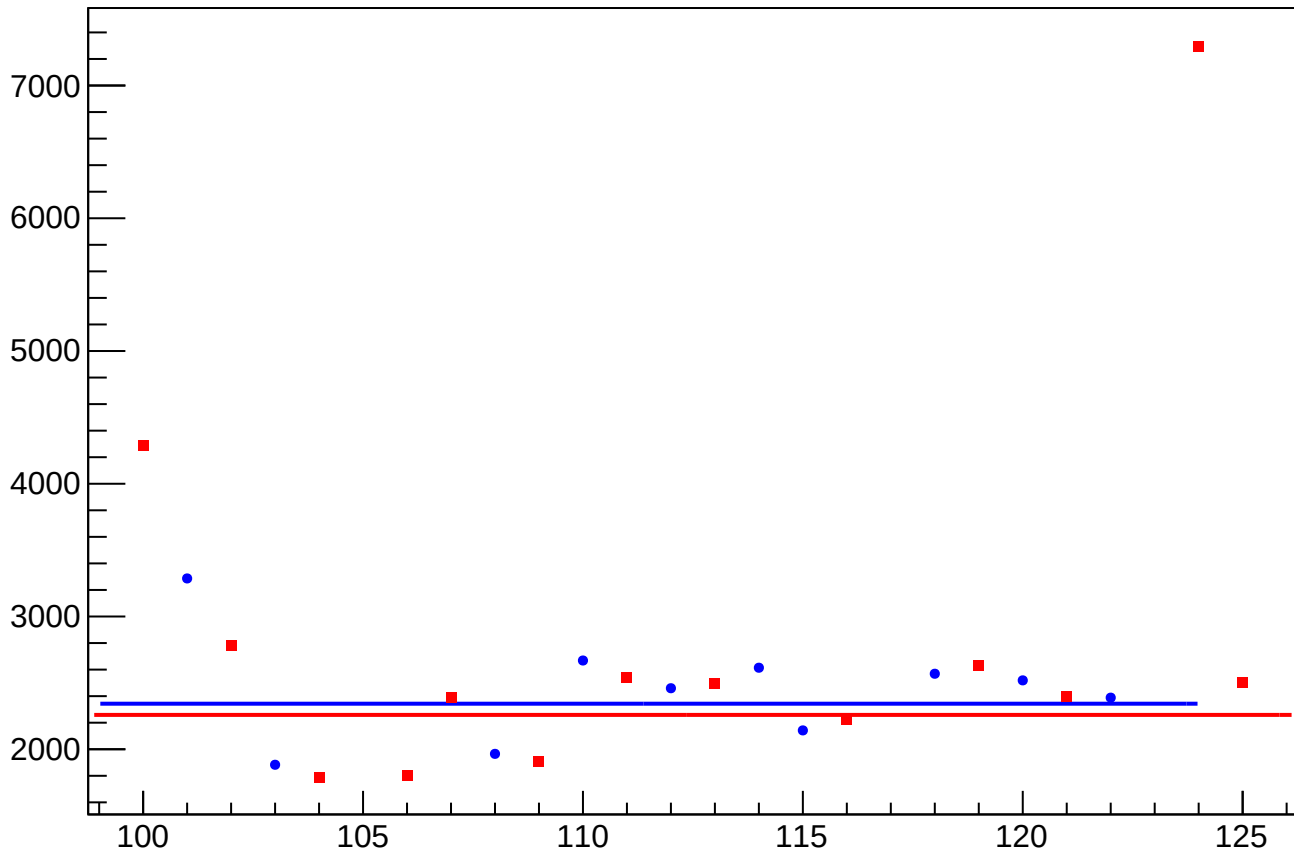
Right: 1652.141+/-786.657 χ^2/NDF : 25.2/22

In: 1436.950+/-1179.170 χ^2/NDF : 16.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1652.141+/-786.657 χ^2/NDF : 25.2/22

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: 2258.716+/-0.747 χ^2/NDF : 404900.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

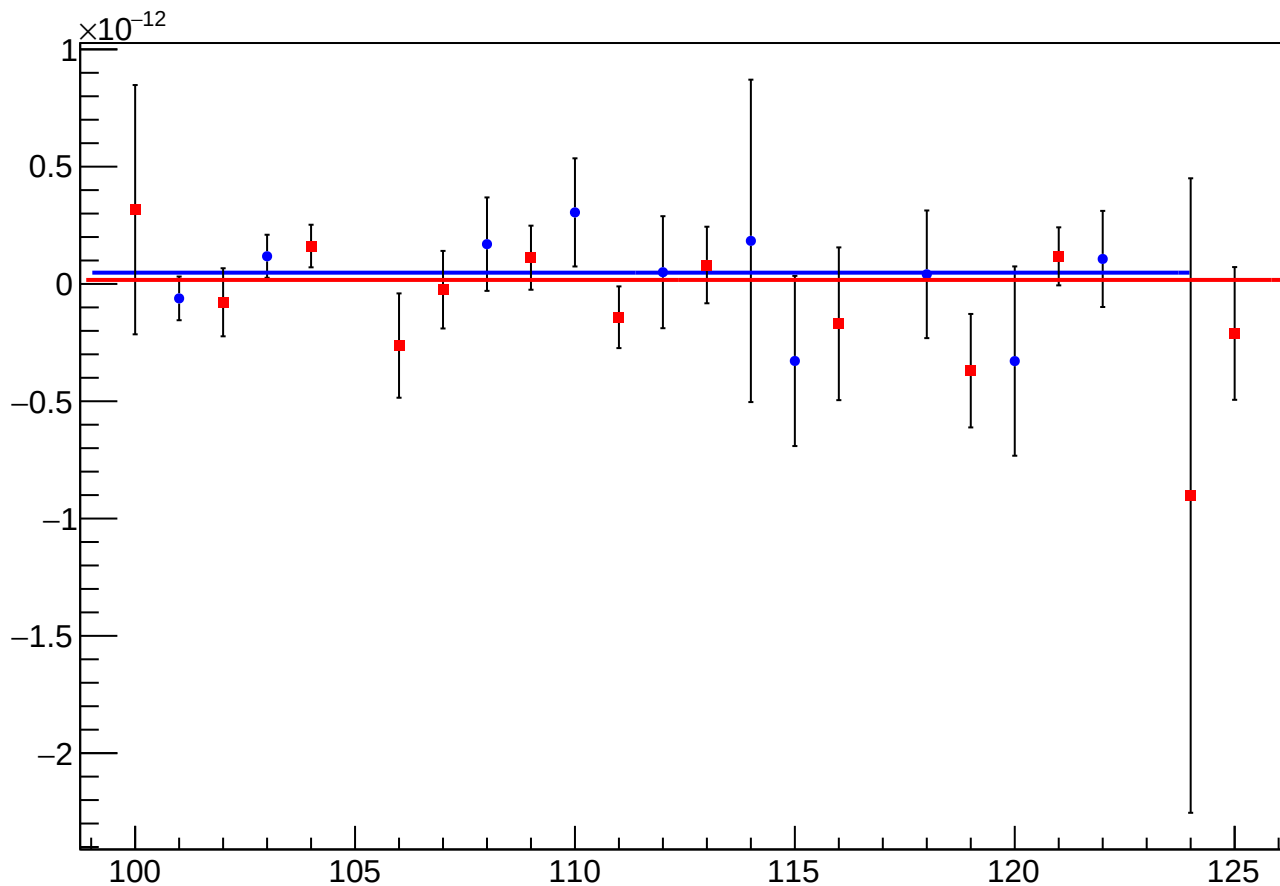
Right: 2296.275+/-0.556 χ^2/NDF : 647466.4/22

In: 2343.108+/-0.834 χ^2/NDF : 236881.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2296.275+/-0.556 χ^2/NDF : 647466.4/22

asym_at2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.7/9

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.7/12

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

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

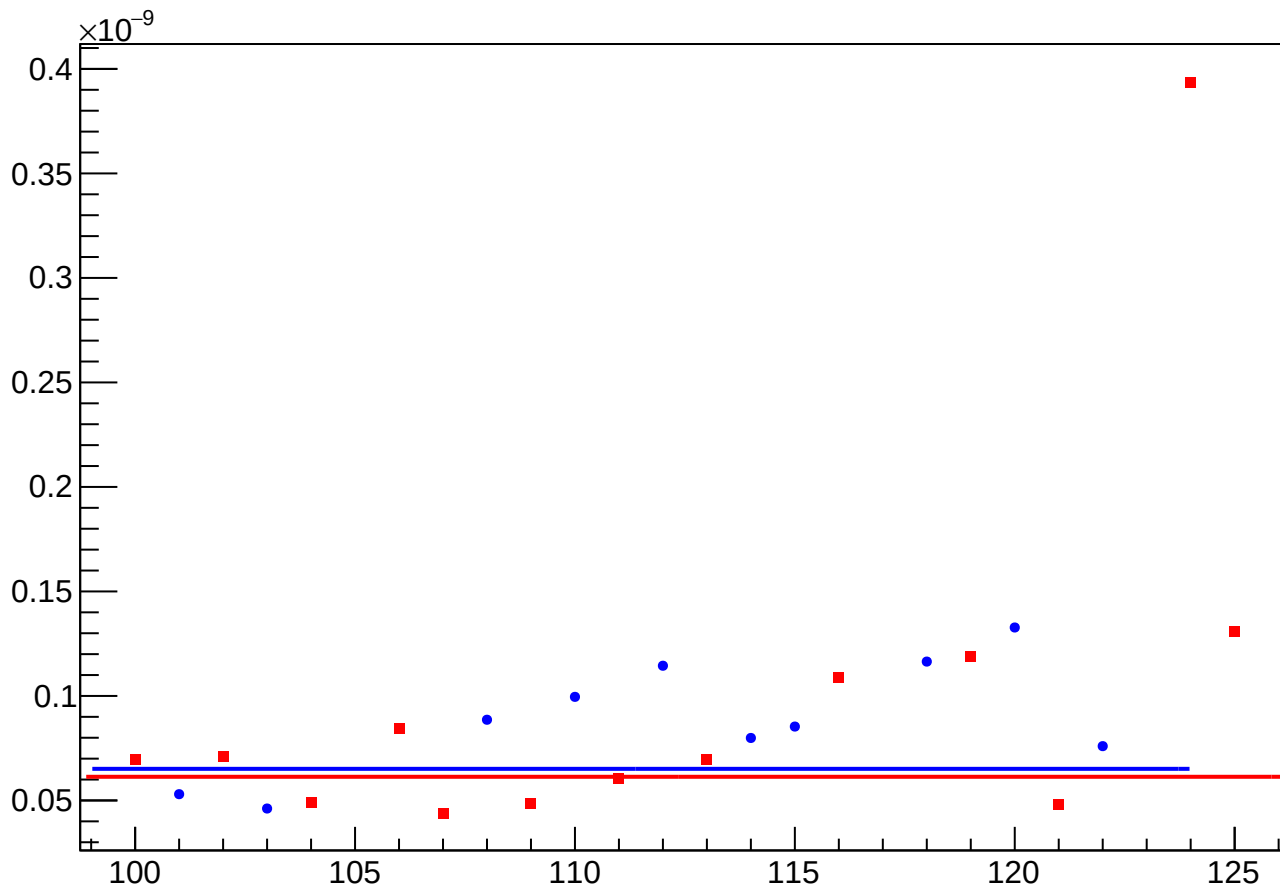
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.5/22

In: 0.000 $\pm$ 0.000 χ^2 /NDF:5.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.5/22

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 : 533299.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

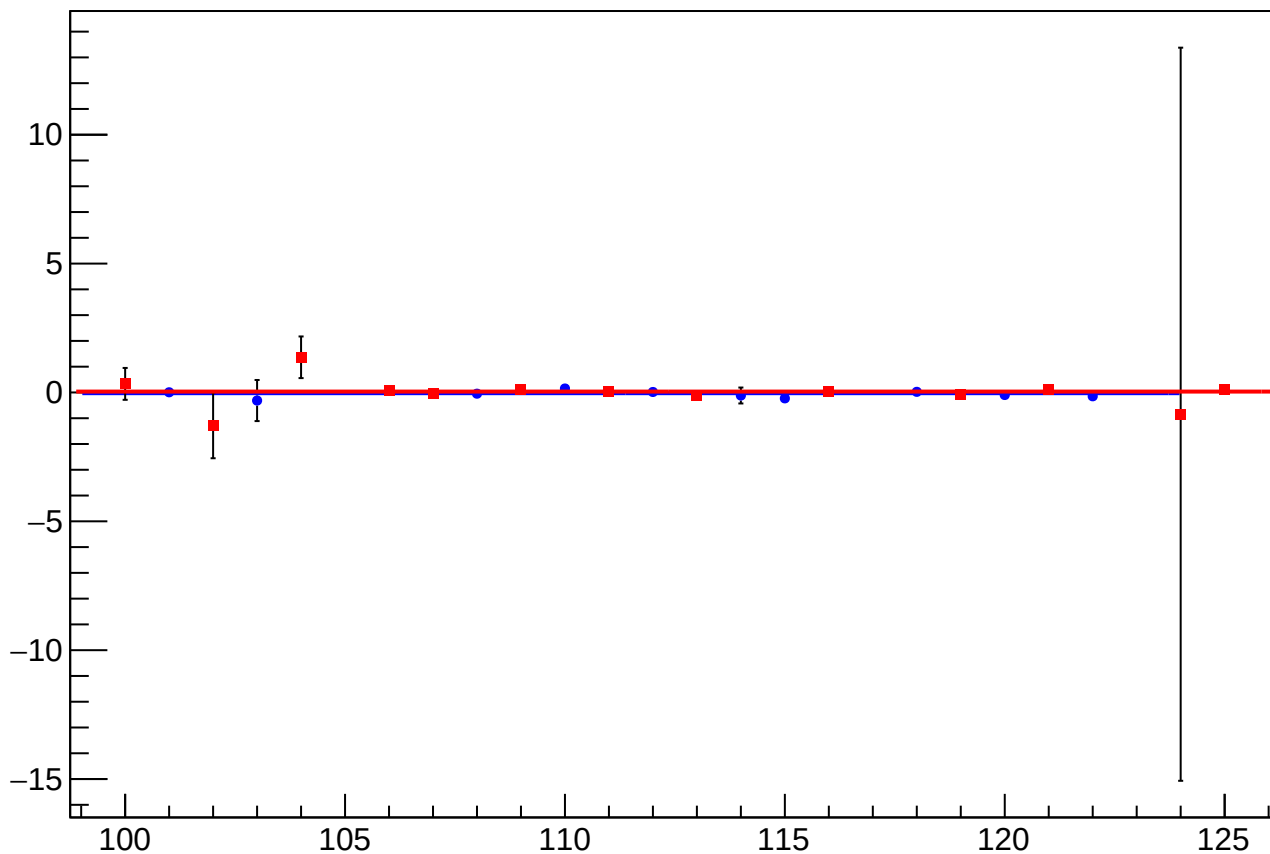
Right: 0.000+/-0.000 χ^2/NDF : 956786.1/22

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 : 956786.1/22

asym_at2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028+/-0.037 χ^2/NDF : 5.2/9

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

Right Out: 0.034+/-0.031 χ^2/NDF : 10.2/12

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

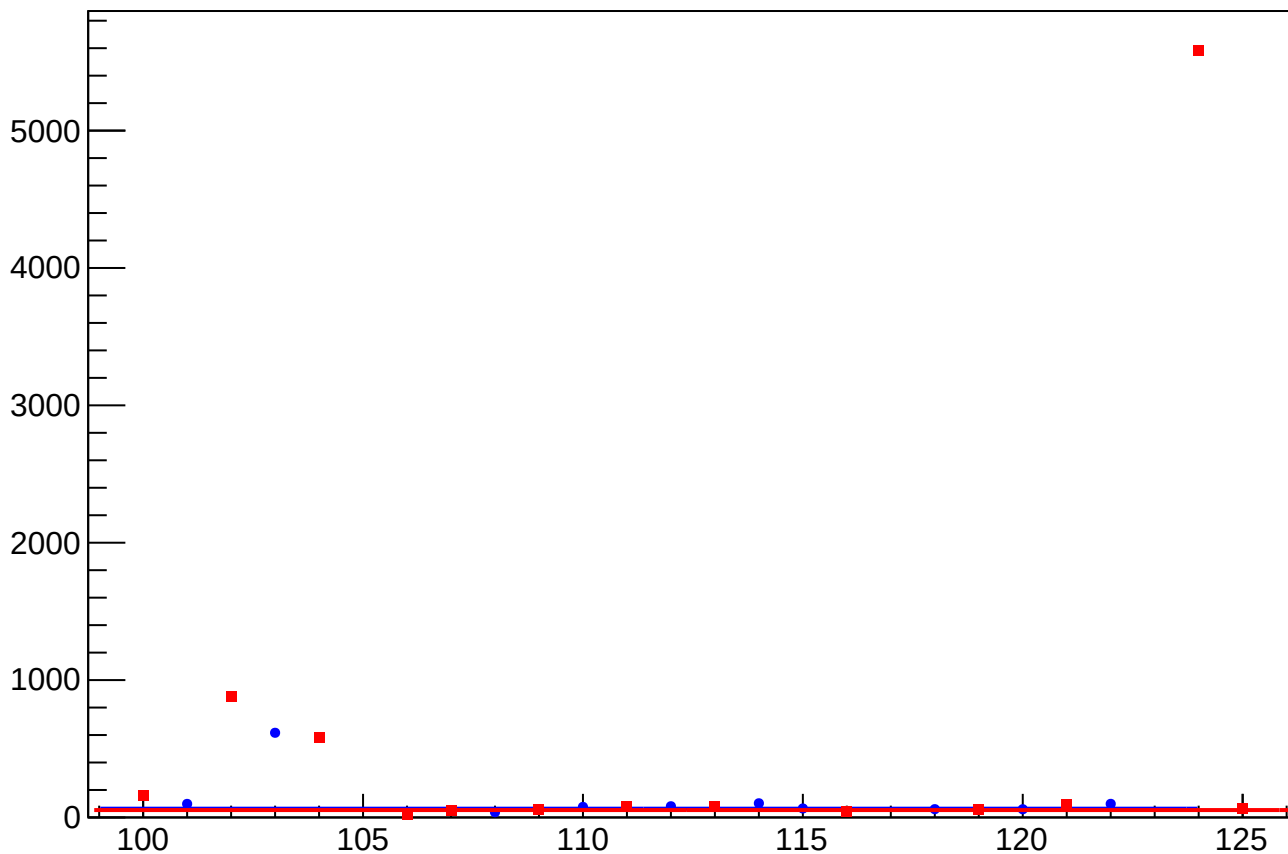
Right: 0.008+/-0.024 χ^2/NDF : 17.0/22

In: -0.028+/-0.037 χ^2/NDF : 5.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.024 χ^2/NDF : 17.0/22

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: 53.827+/-0.022 χ^2/NDF : 2887950.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

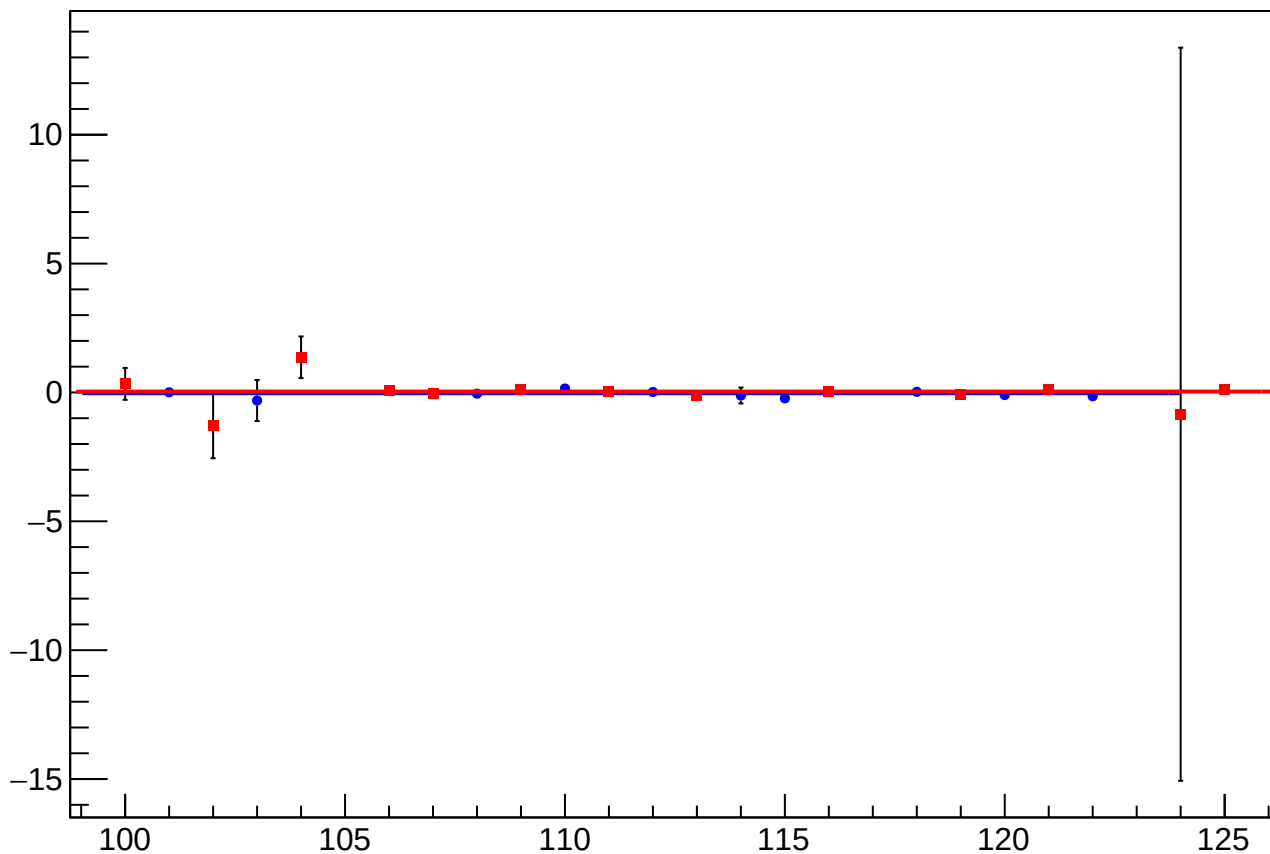
Right: 58.060+/-0.017 χ^2/NDF : 4573542.5/22

In: 63.865+/-0.026 χ^2/NDF : 1599757.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.060+/-0.017 χ^2/NDF : 4573542.5/22

asym_at2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028+/-0.037 χ^2/NDF : 5.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.034+/-0.031 χ^2/NDF : 10.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

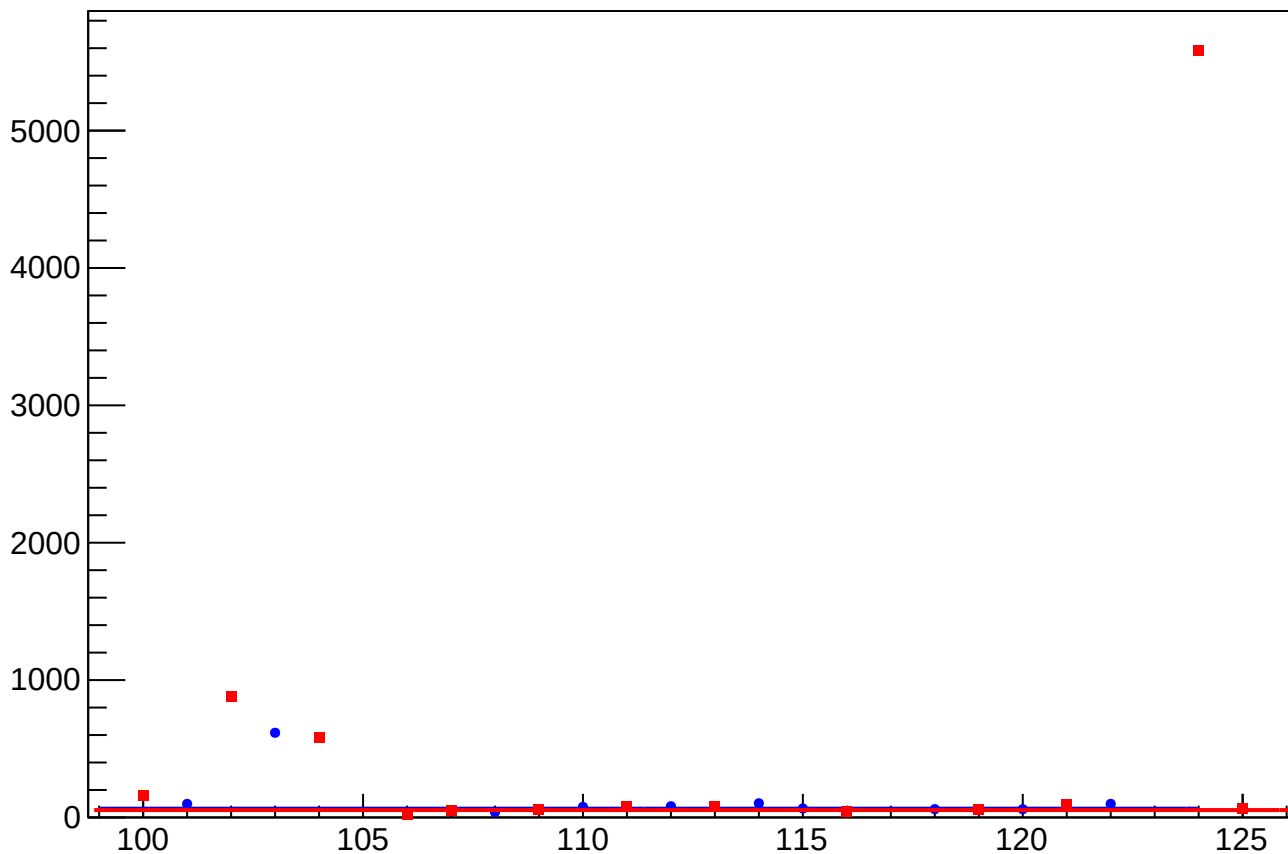
Right: 0.008+/-0.024 χ^2/NDF : 17.0/22

In: -0.028+/-0.037 χ^2/NDF : 5.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.024 χ^2/NDF : 17.0/22

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: 53.827+/-0.022 χ^2/NDF : 2887950.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

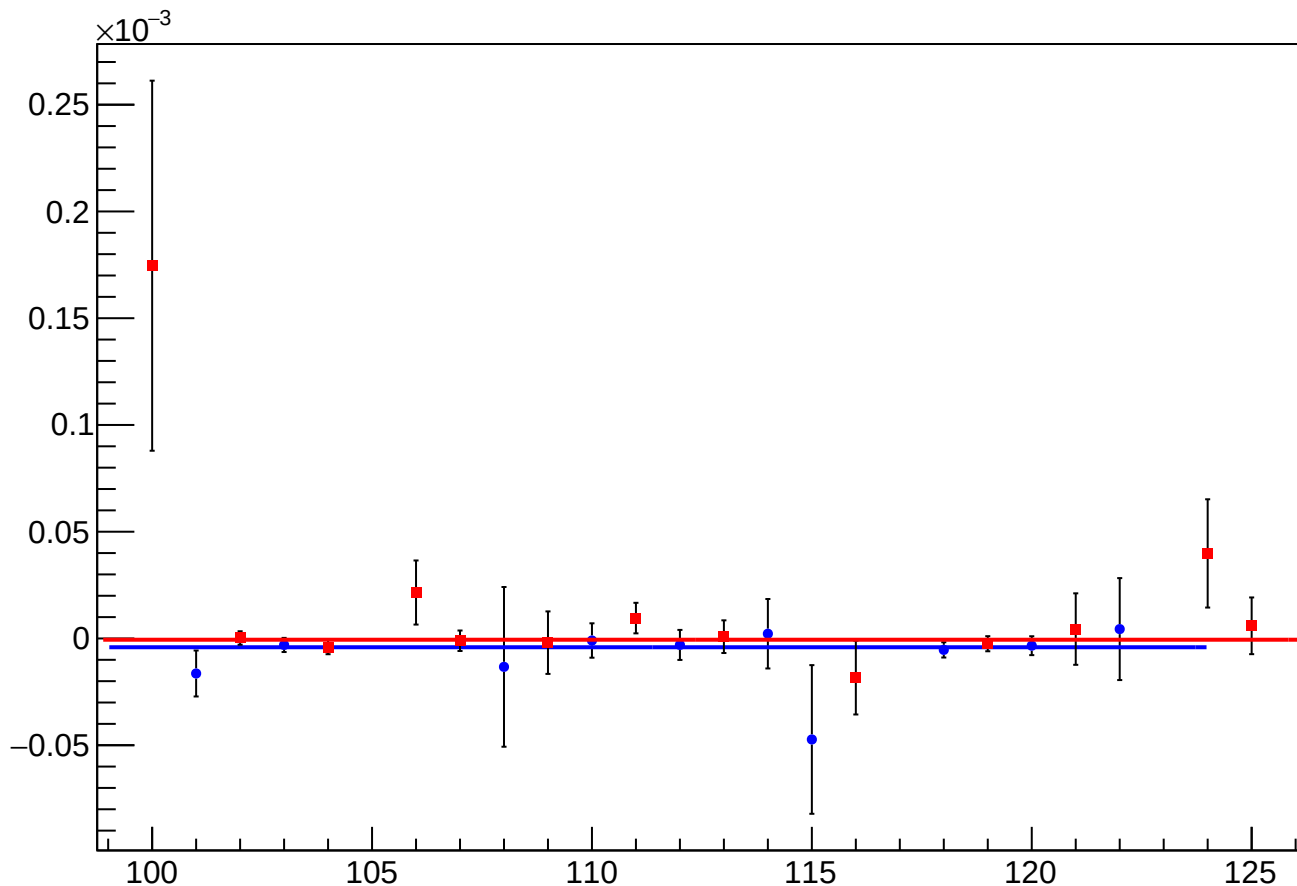
Right: 58.060+/-0.017 χ^2/NDF : 4573542.5/22

In: 63.865+/-0.026 χ^2/NDF : 1599757.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.060+/-0.017 χ^2/NDF : 4573542.5/22

asym_at2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

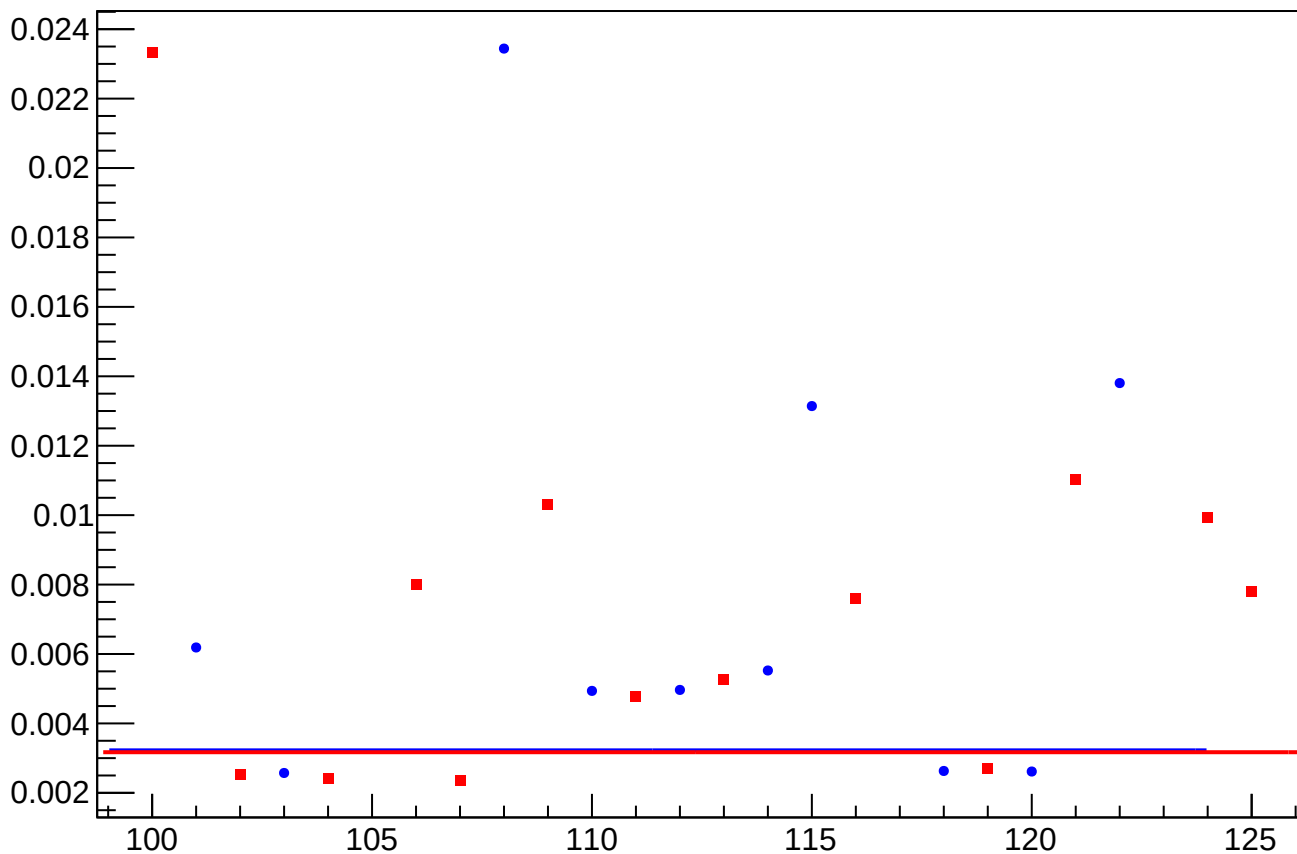
Right: -0.000+/-0.000 χ^2/NDF : 19.2/22

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 : 19.2/22

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 : 2277589.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

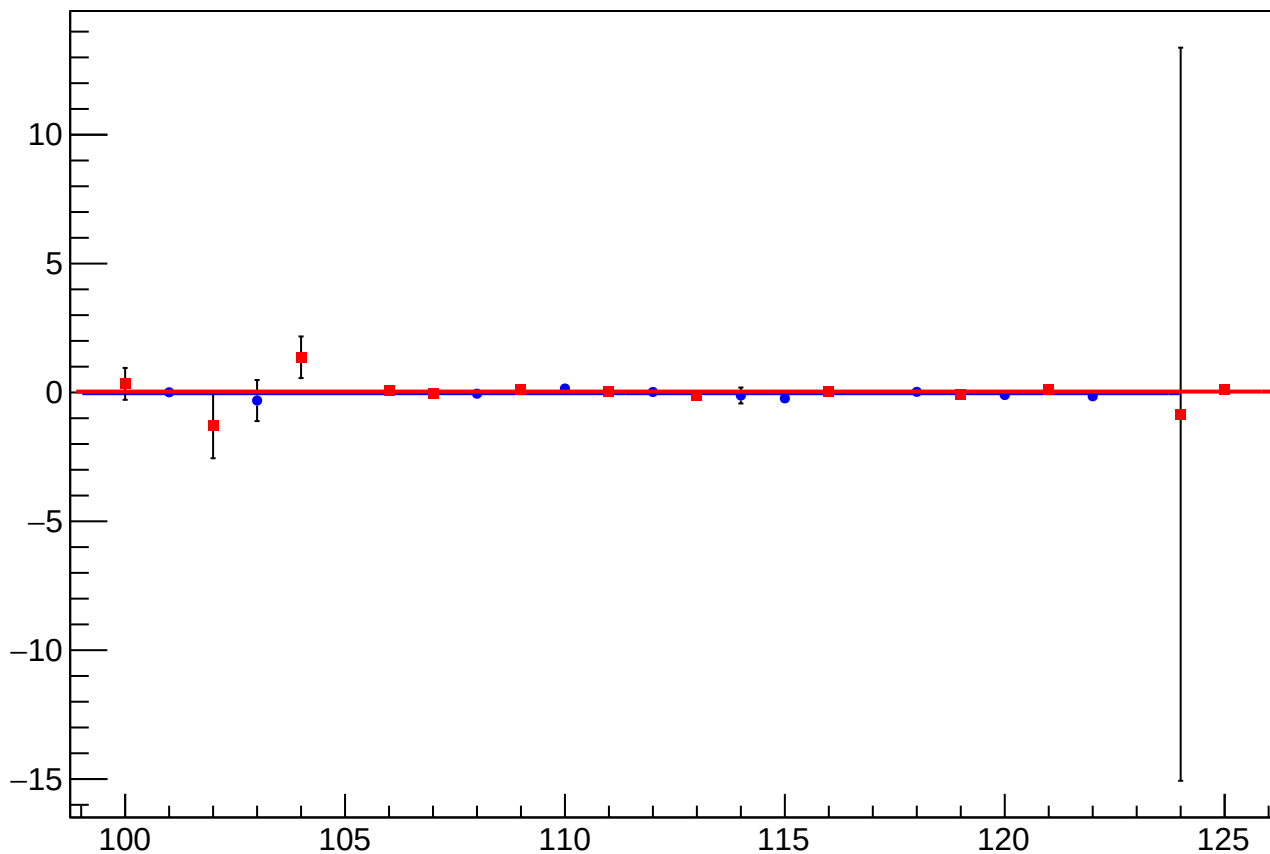
Right: 0.003+/-0.000 χ^2/NDF : 3993274.2/22

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 : 3993274.2/22

asym_at2_dd_eigen_dit_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: 0.034+/-0.031 χ^2/NDF : 10.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

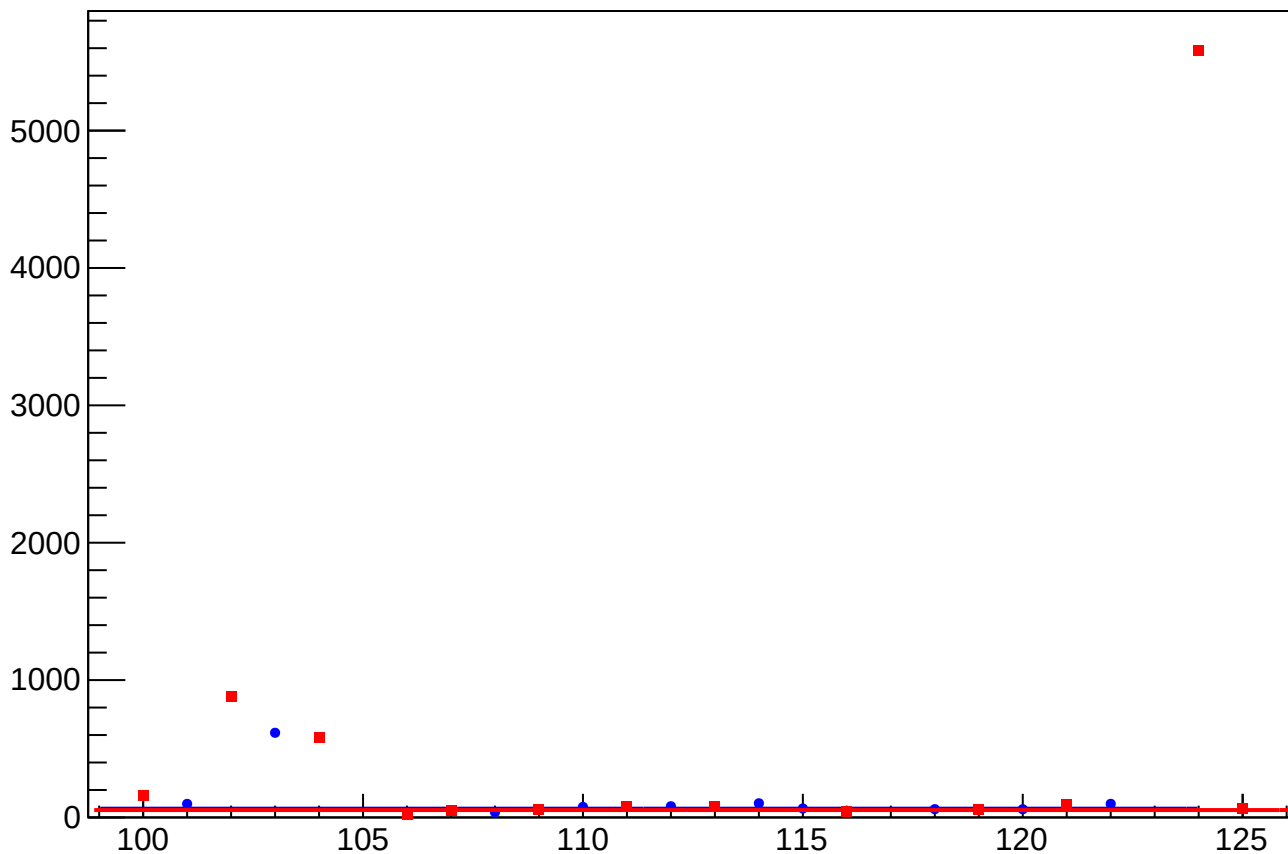
Right: 0.008+/-0.024 χ^2/NDF : 17.0/22

In: -0.028+/-0.037 χ^2/NDF : 5.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.024 χ^2/NDF : 17.0/22

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: 53.820+/-0.022 χ^2/NDF : 2888429.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

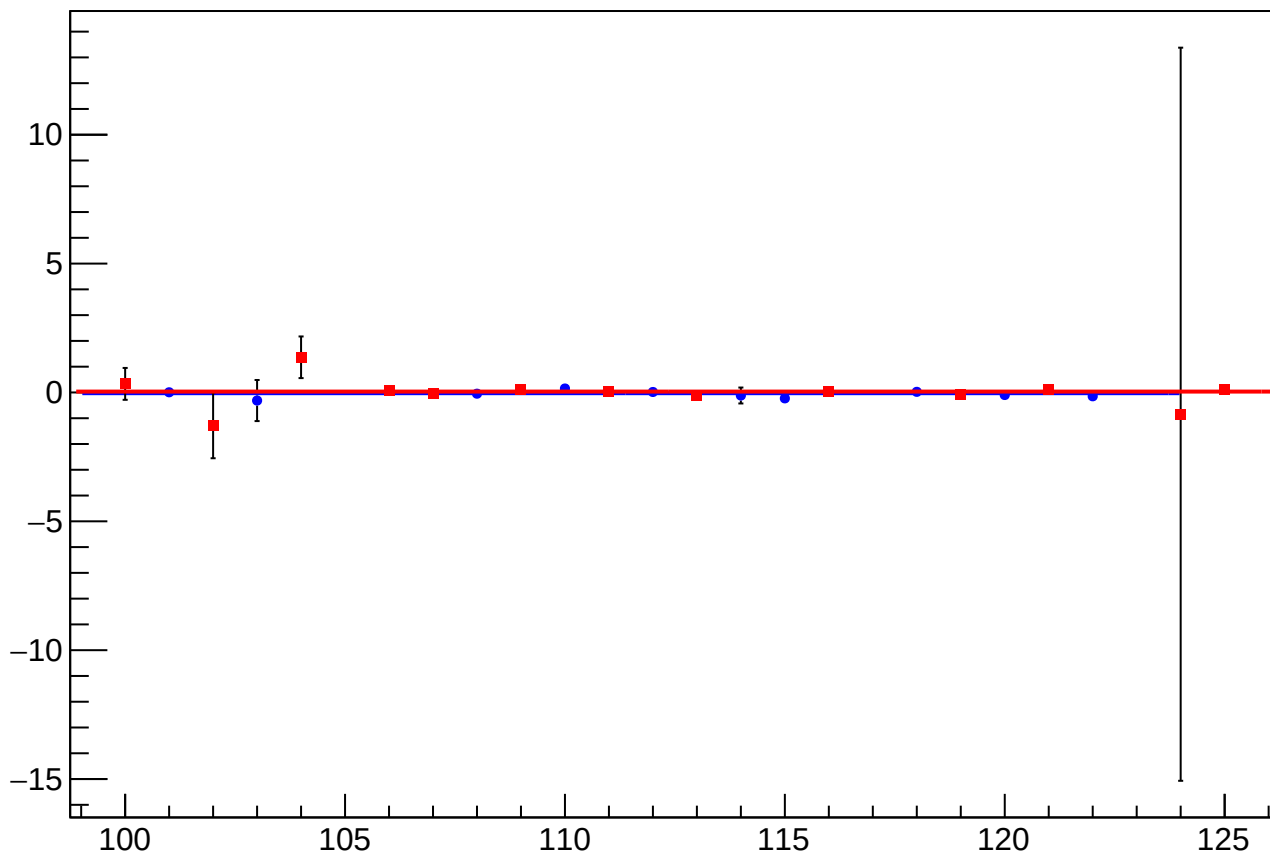
Right: 58.060+/-0.017 χ^2/NDF : 4573681.7/22

In: 63.878+/-0.026 χ^2/NDF : 1599104.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.060+/-0.017 χ^2/NDF : 4573681.7/22

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: 0.034+/-0.031 χ^2/NDF : 10.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

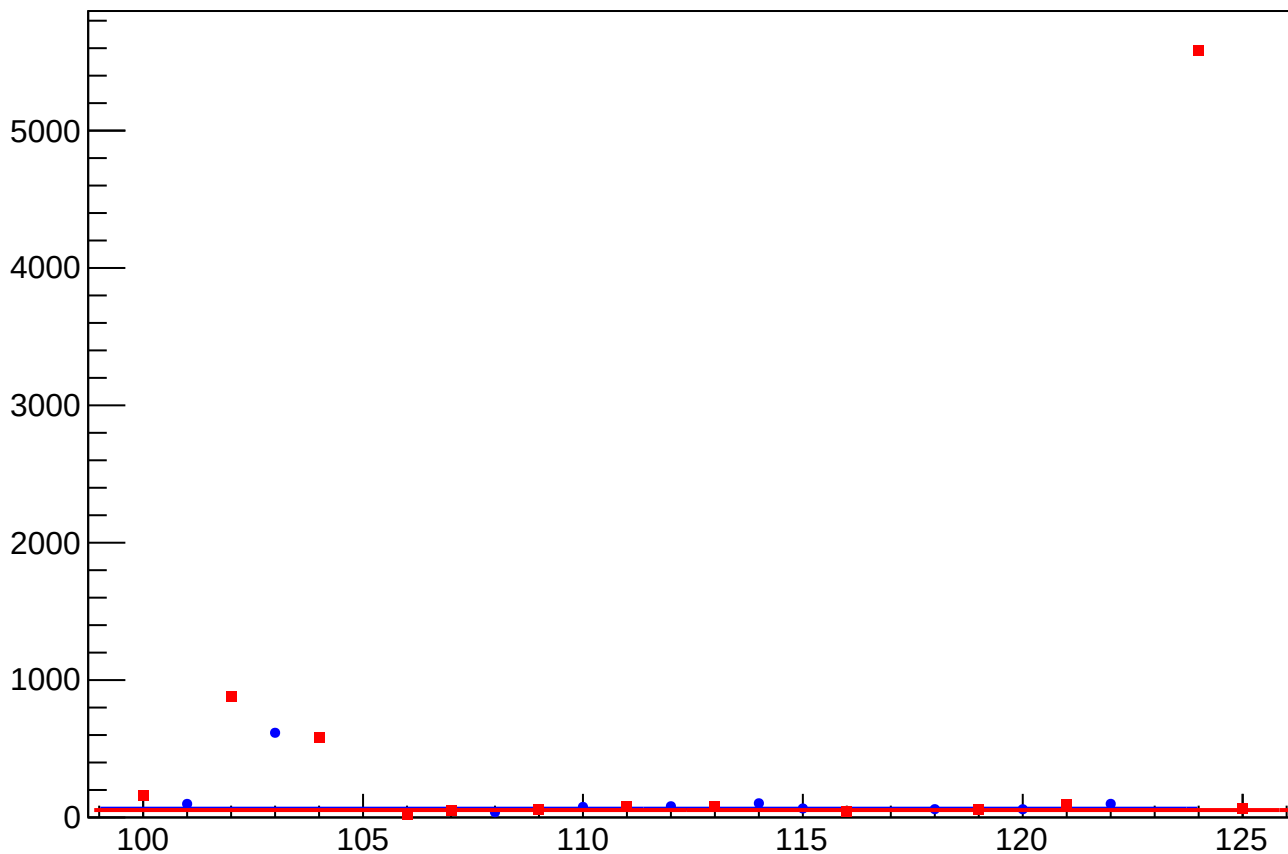
Right: 0.008+/-0.024 χ^2/NDF : 17.0/22

In: -0.028+/-0.037 χ^2/NDF : 5.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.024 χ^2/NDF : 17.0/22

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: 53.820+/-0.022 χ^2/NDF : 2888429.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

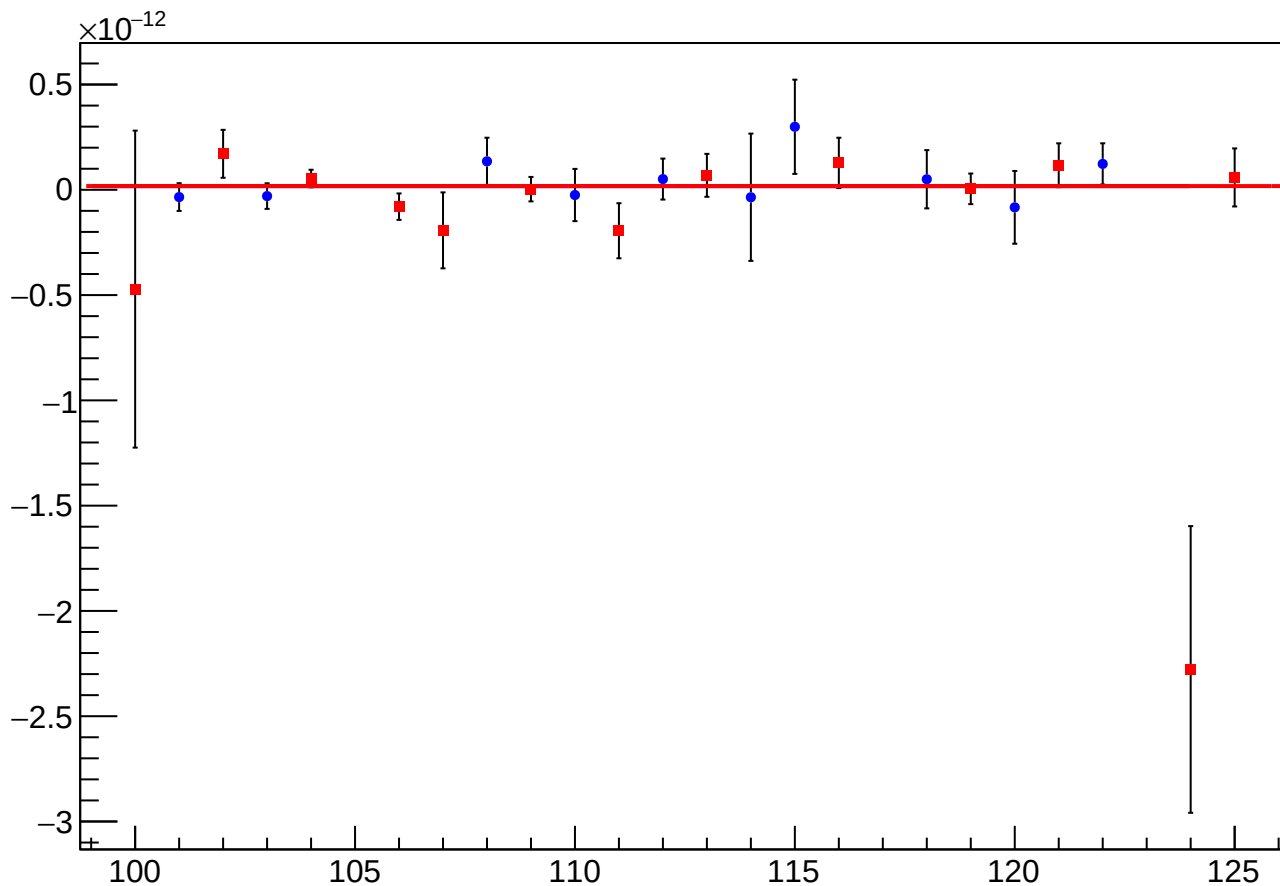
Right: 58.060+/-0.017 χ^2/NDF : 4573681.7/22

In: 63.878+/-0.026 χ^2/NDF : 1599104.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.060+/-0.017 χ^2/NDF : 4573681.7/22

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 : 23.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

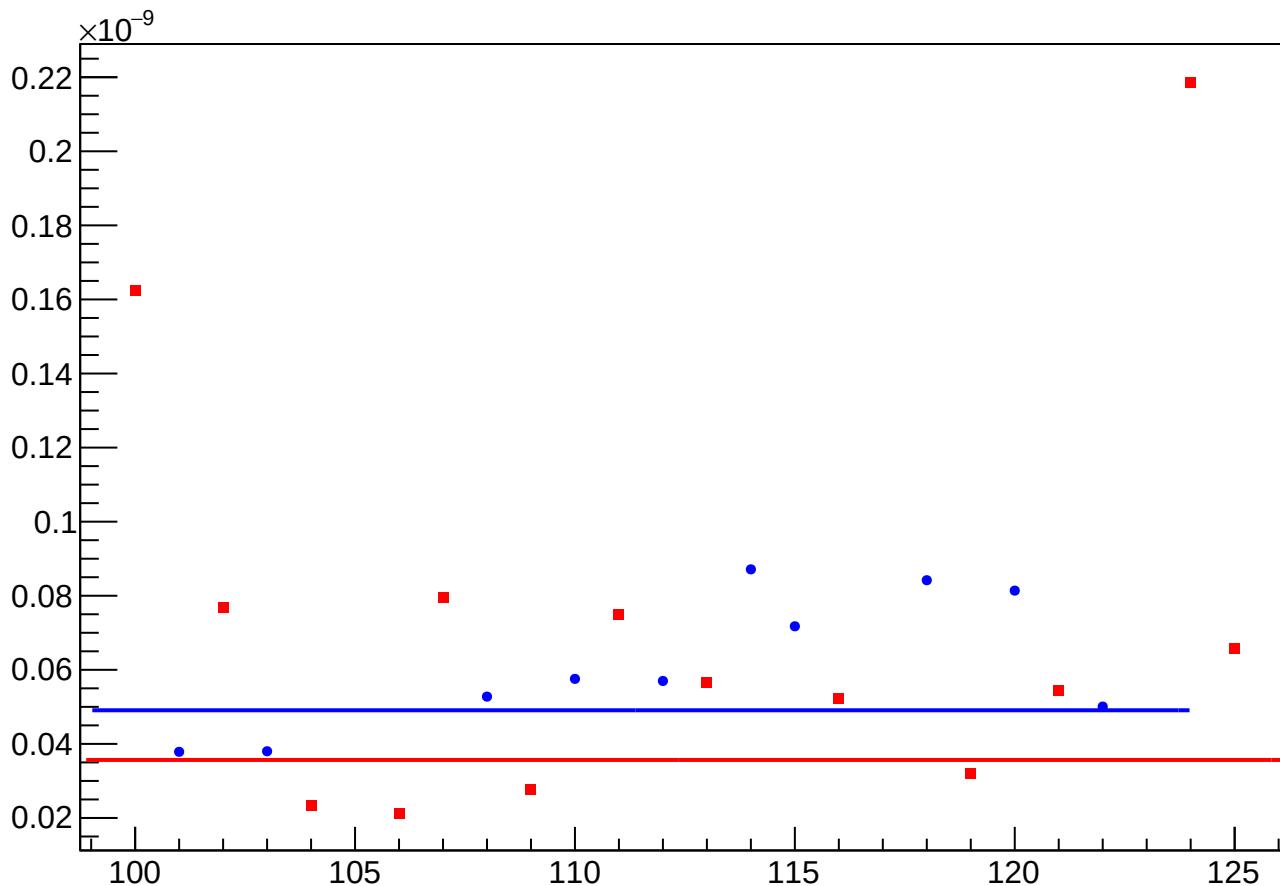
Right: 0.000+/-0.000 χ^2/NDF : 28.7/22

In: 0.000+/-0.000 χ^2/NDF : 5.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.7/22

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 : 1369582.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

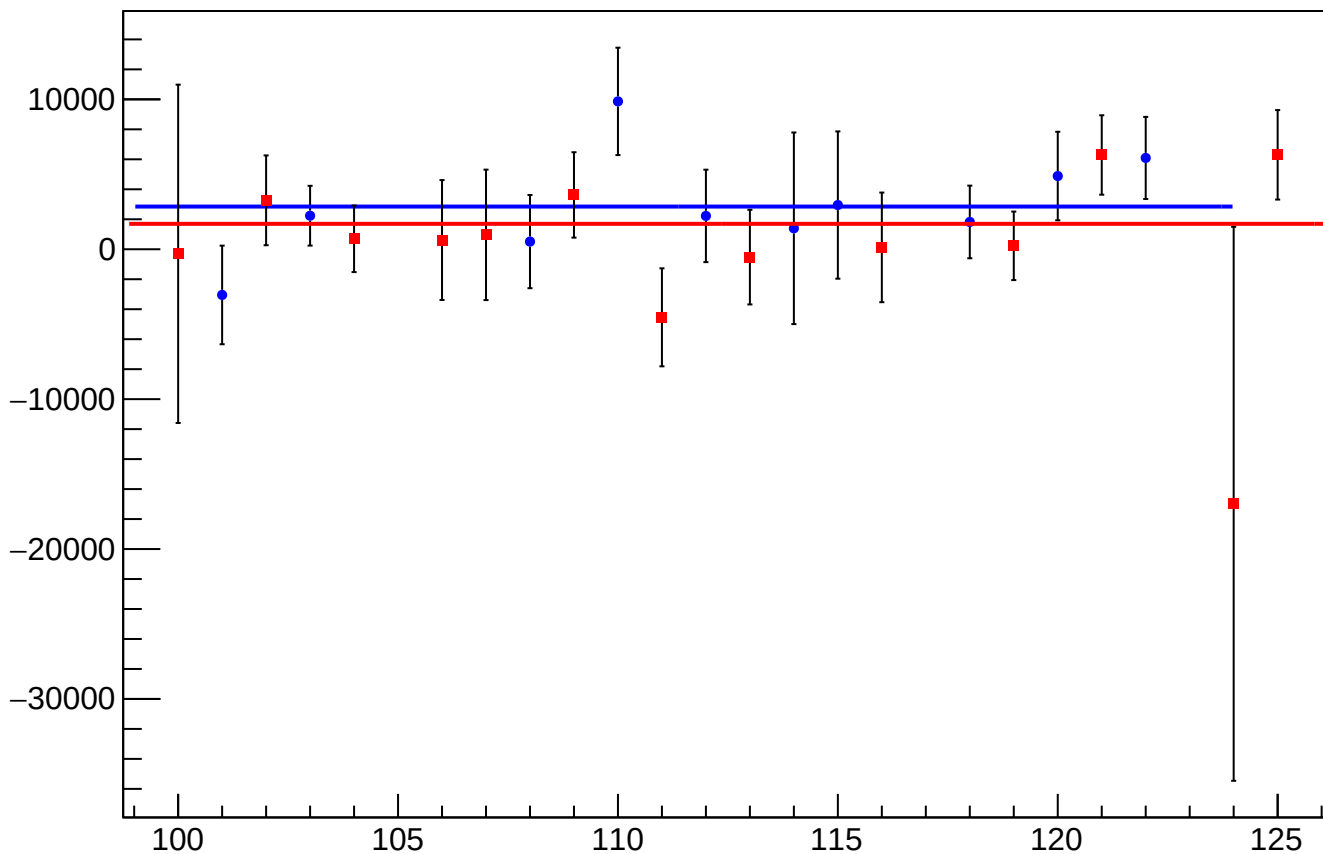
Right: 0.000+/-0.000 χ^2/NDF : 1996544.4/22

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 : 1996544.4/22

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: 1695.772+/-884.429 χ^2/NDF : 12.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

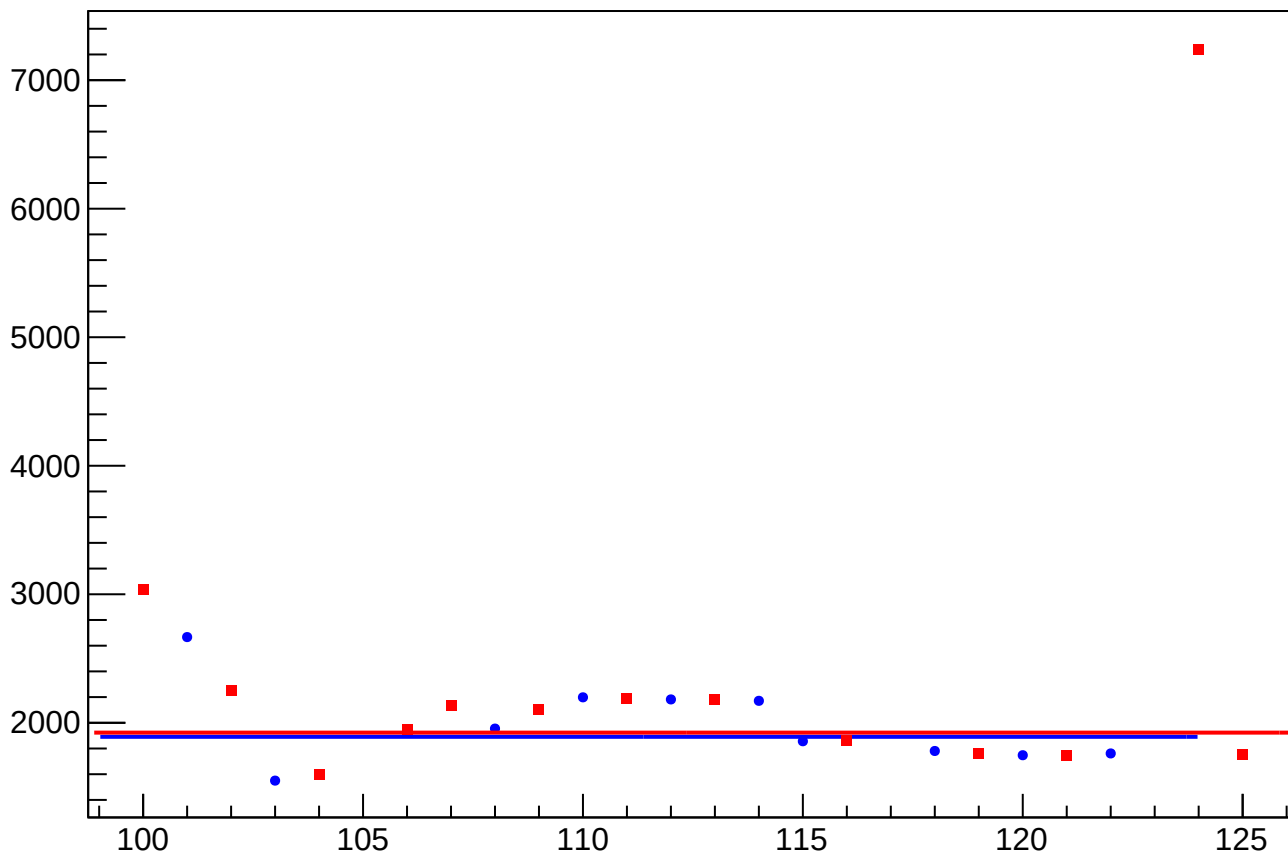
Right: 2232.620+/-646.413 χ^2/NDF : 22.9/22

In: 2848.269+/-947.118 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2232.620+/-646.413 χ^2/NDF : 22.9/22

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: 1923.614+/-0.623 χ^2/NDF : 316432.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

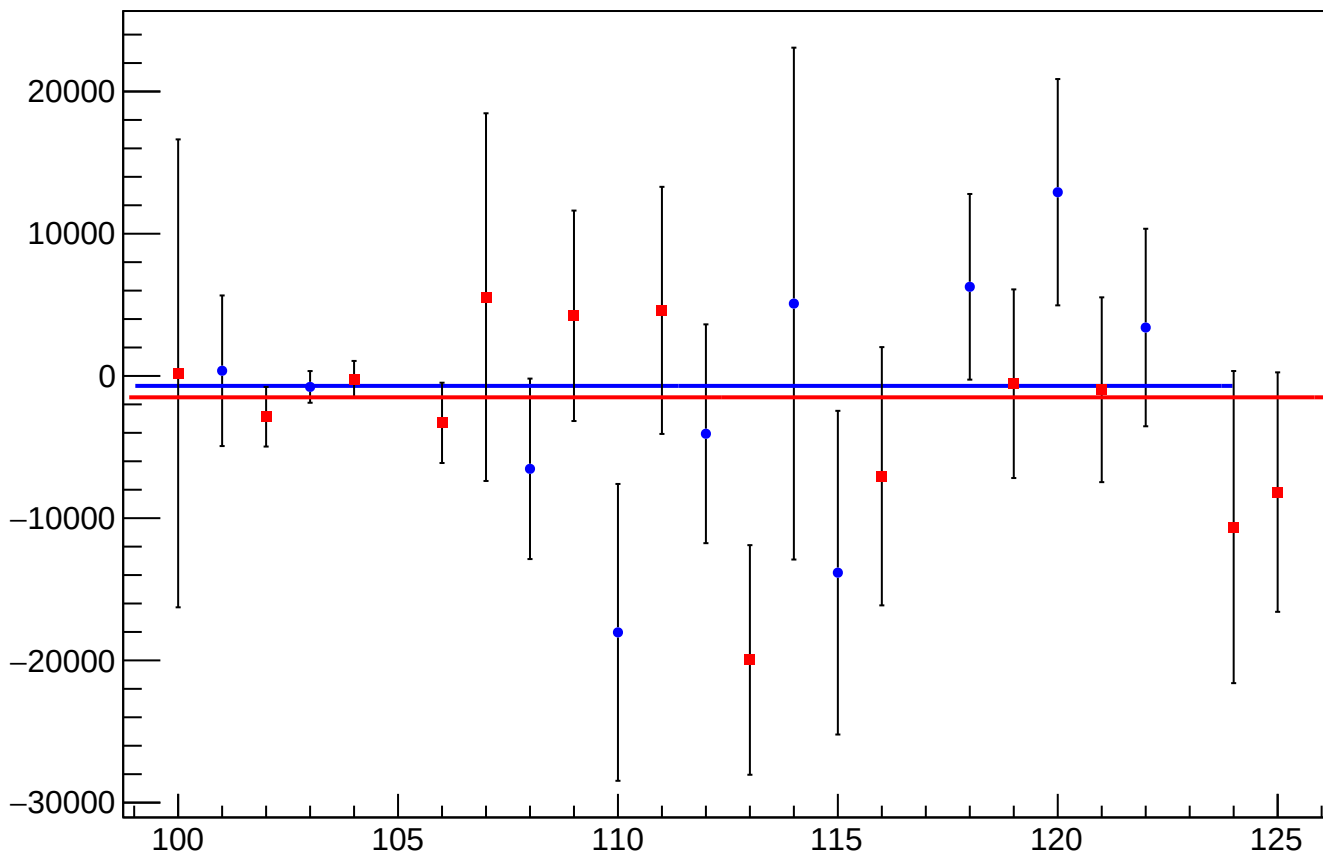
Right: 1908.510+/-0.456 χ^2/NDF : 538085.2/22

In: 1891.063+/-0.670 χ^2/NDF : 220386.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1908.510+/-0.456 χ^2/NDF : 538085.2/22

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: -1502.588+/-951.231 χ^2/NDF : 10.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

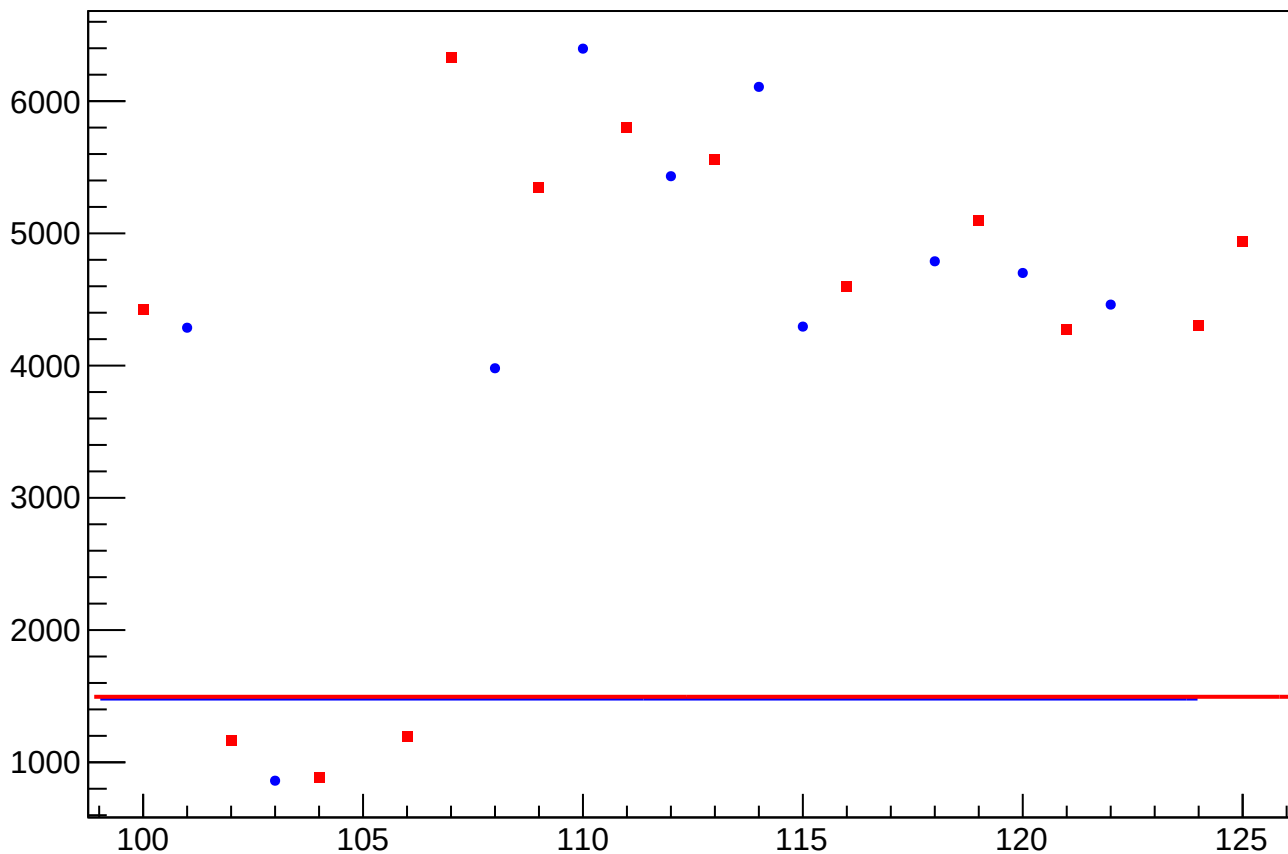
Right: -1128.685+/-695.414 χ^2/NDF : 20.2/22

In: -699.431+/-1019.211 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1128.685+/-695.414 χ^2/NDF : 20.2/22

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: 1495.418+/-0.673 χ^2/NDF : 4068685.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

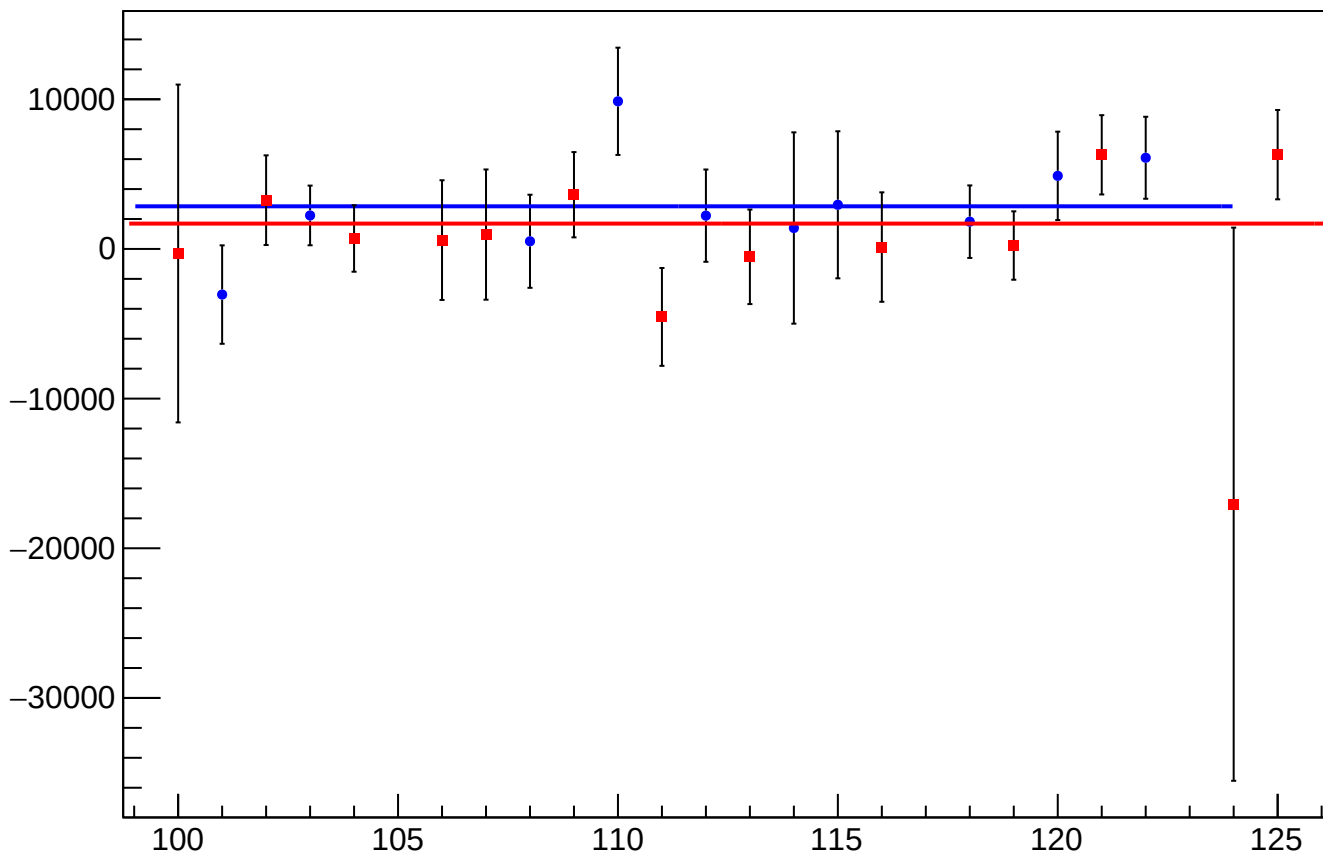
Right: 1489.222+/-0.492 χ^2/NDF : 7995685.0/22

In: 1482.109+/-0.721 χ^2/NDF :3926817.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1489.222+/-0.492 χ^2/NDF : 7995685.0/22

cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2848.513 $\pm$ 947.119 χ^2 /NDF: 9.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1693.670 $\pm$ 884.431 χ^2 /NDF: 12.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

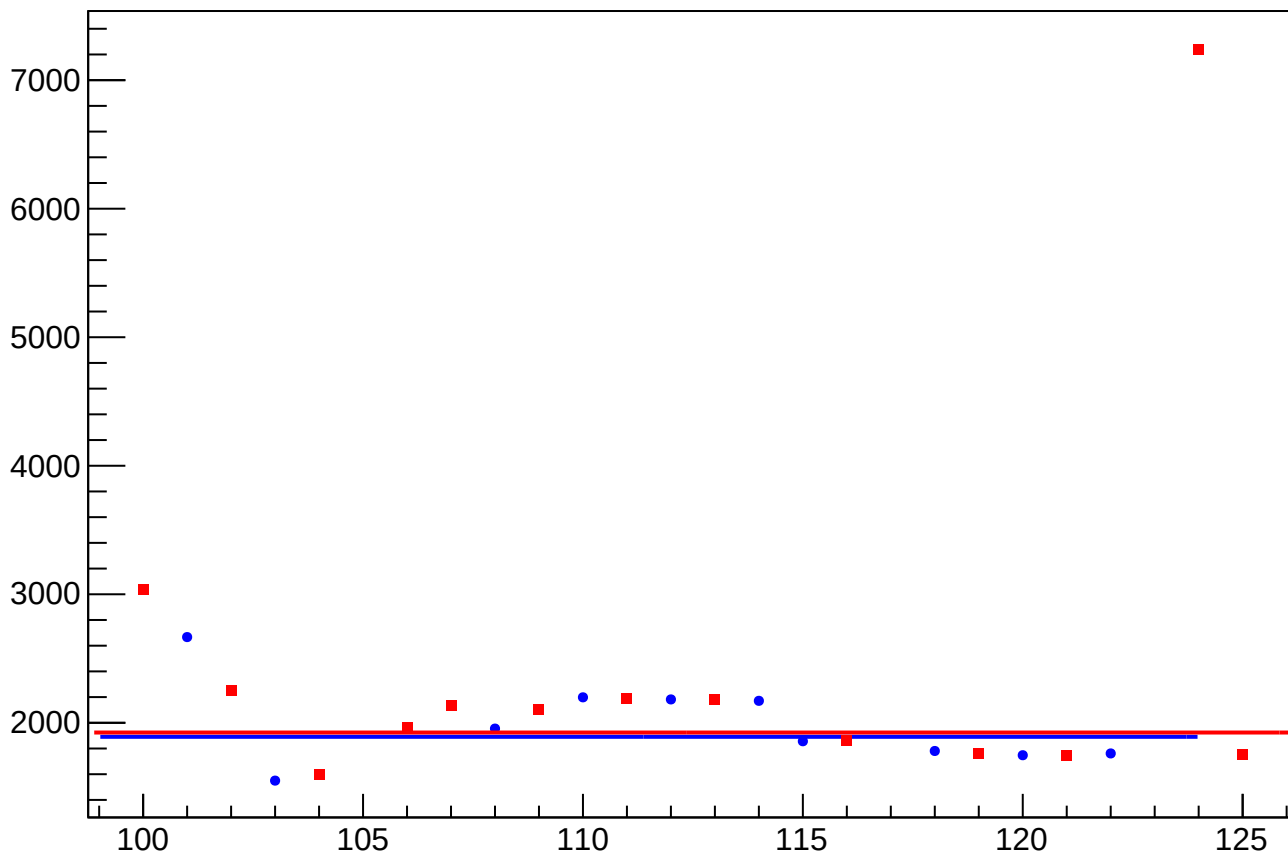
Right: 2231.611 $\pm$ 646.413 χ^2 /NDF: 22.9/22

In: 2848.513 $\pm$ 947.119 χ^2 /NDF:9.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2231.611 $\pm$ 646.413 χ^2 /NDF: 22.9/22

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: 1924.353+/-0.623 χ^2/NDF : 316553.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

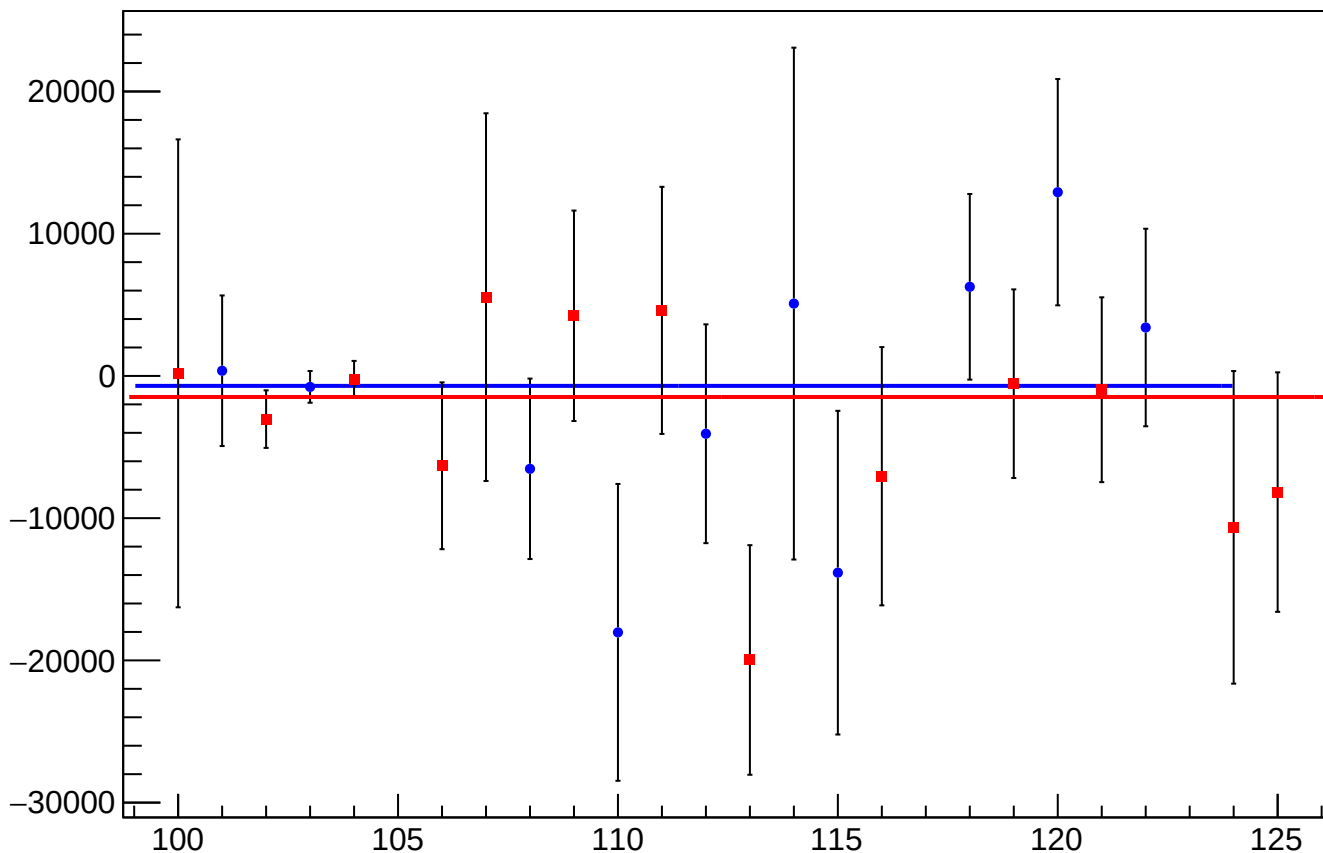
Right: 1908.900+/-0.456 χ^2/NDF : 538263.4/22

In: 1891.063+/-0.670 χ^2/NDF : 220386.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1908.900+/-0.456 χ^2/NDF : 538263.4/22

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: -1480.827+/-987.495 χ^2/NDF : 10.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

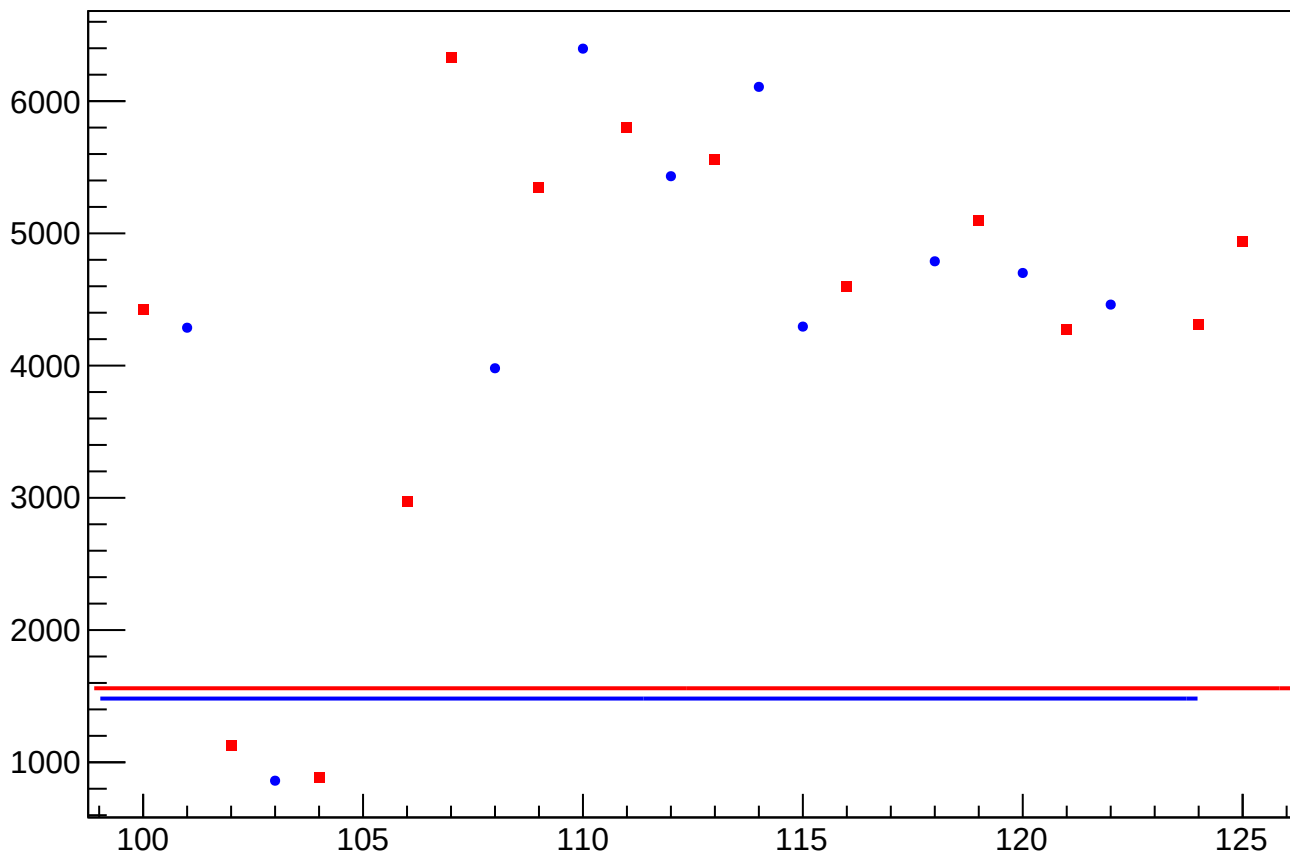
Right: -1102.195+/-709.191 χ^2/NDF : 20.6/22

In: -698.902+/-1019.148 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1102.195+/-709.191 χ^2/NDF : 20.6/22

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: 1559.784+/-0.698 χ^2/NDF : 4180090.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

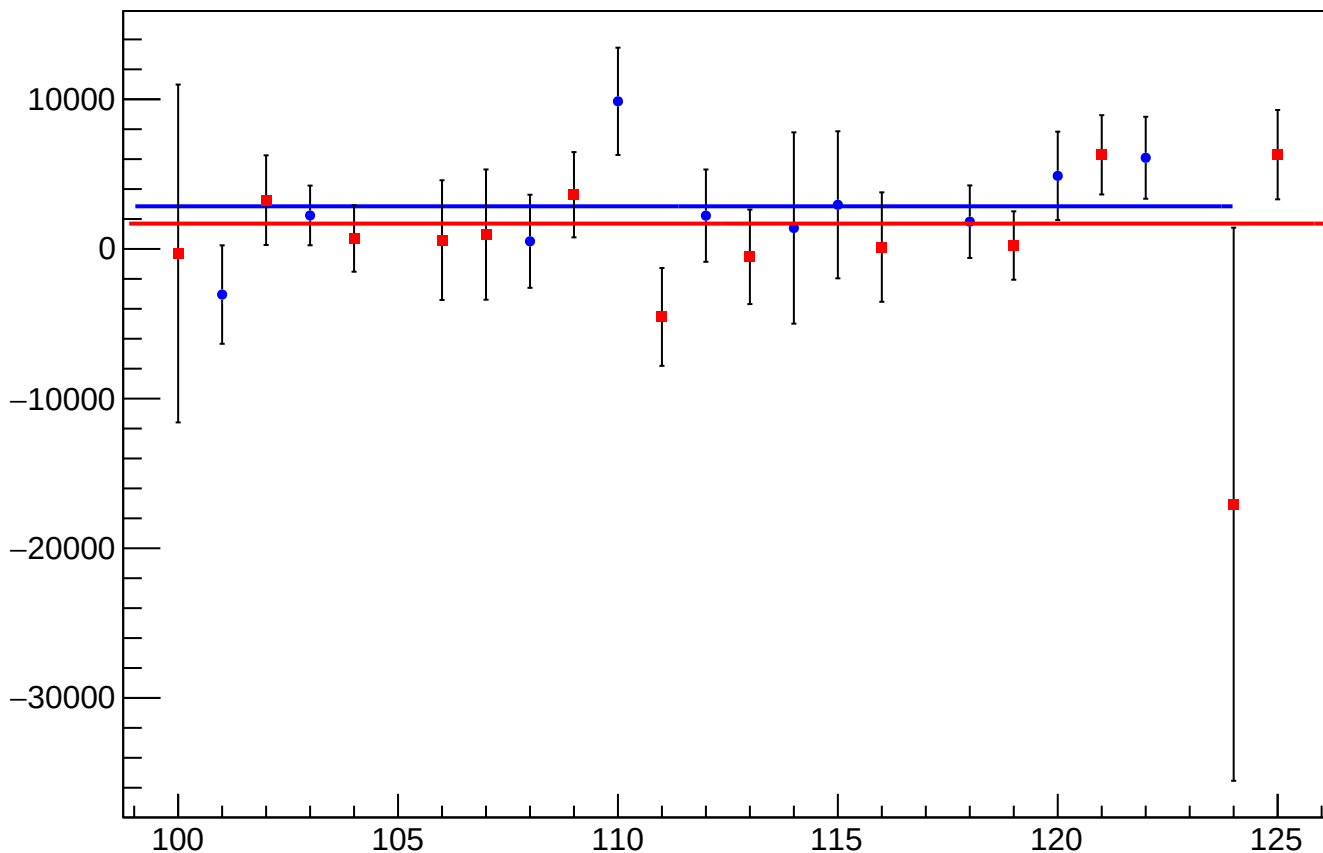
Right: 1522.111+/-0.501 χ^2/NDF : 8113123.2/22

In: 1481.984+/-0.721 χ^2/NDF : 3927021.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1522.111+/-0.501 χ^2/NDF : 8113123.2/22

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: 1693.670+/-884.431 χ^2/NDF : 12.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

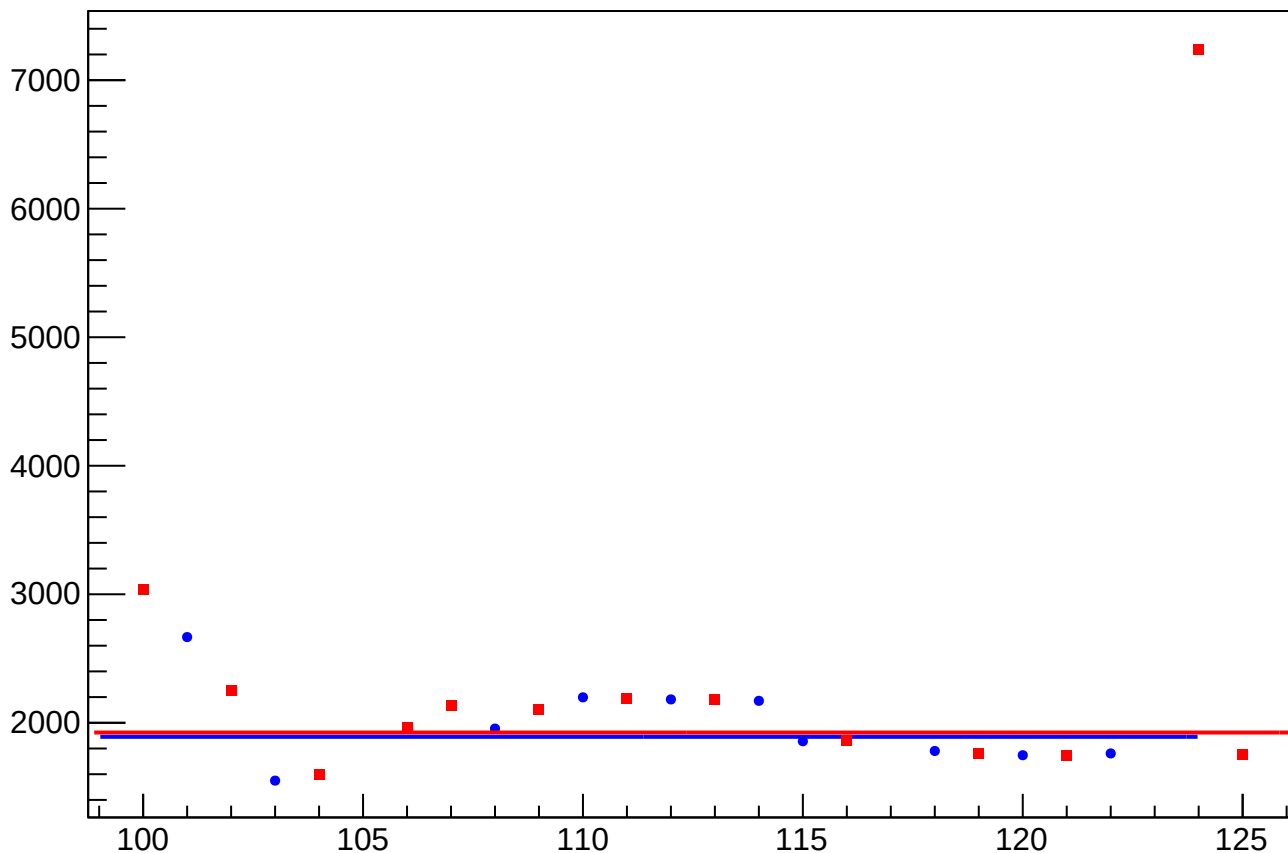
Right: 2231.611+/-646.413 χ^2/NDF : 22.9/22

In: 2848.513+/-947.119 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2231.611+/-646.413 χ^2/NDF : 22.9/22

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: 1924.353+/-0.623 χ^2/NDF : 316553.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

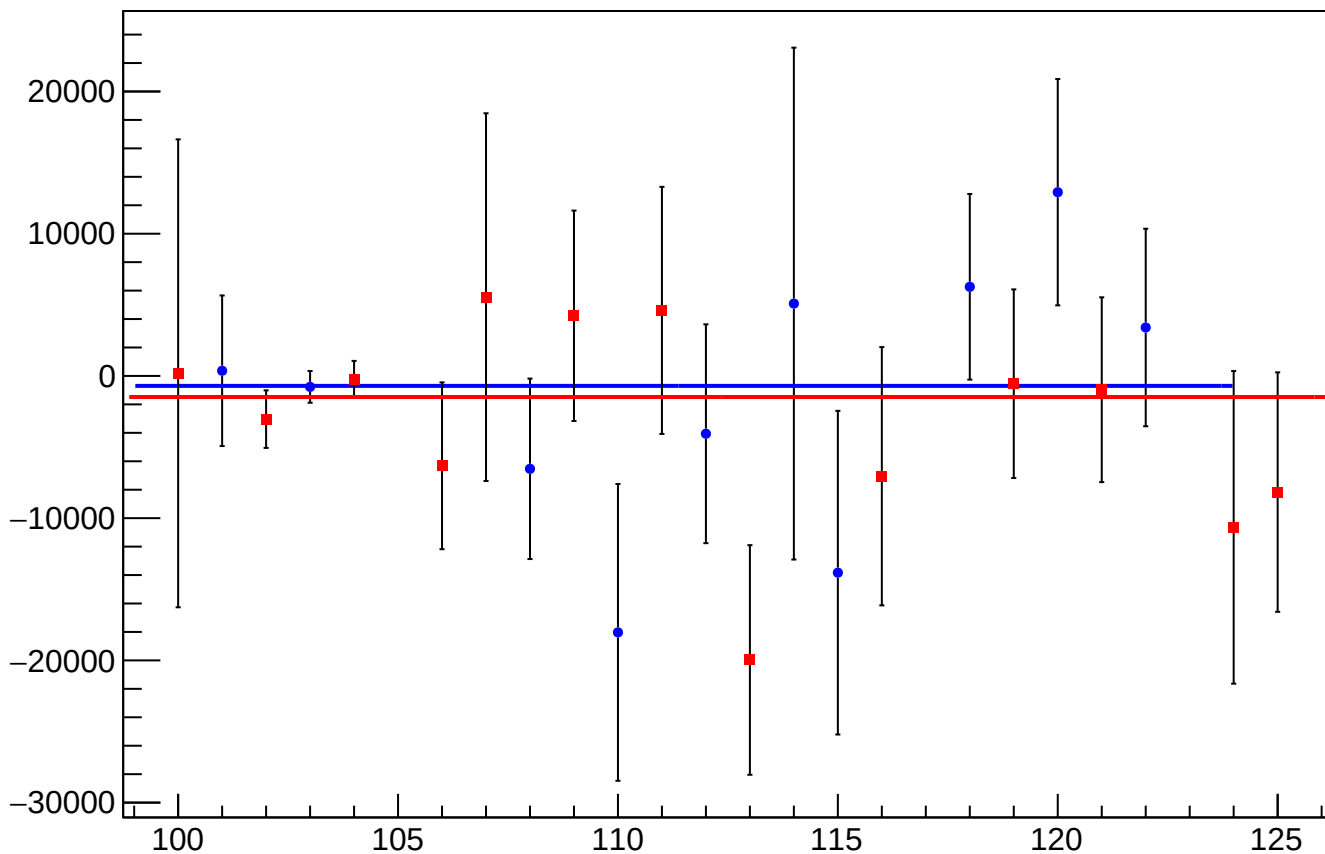
Right: 1908.900+/-0.456 χ^2/NDF : 538263.4/22

In: 1891.063+/-0.670 χ^2/NDF : 220386.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1908.900+/-0.456 χ^2/NDF : 538263.4/22

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: -1480.827+/-987.495 χ^2/NDF : 10.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

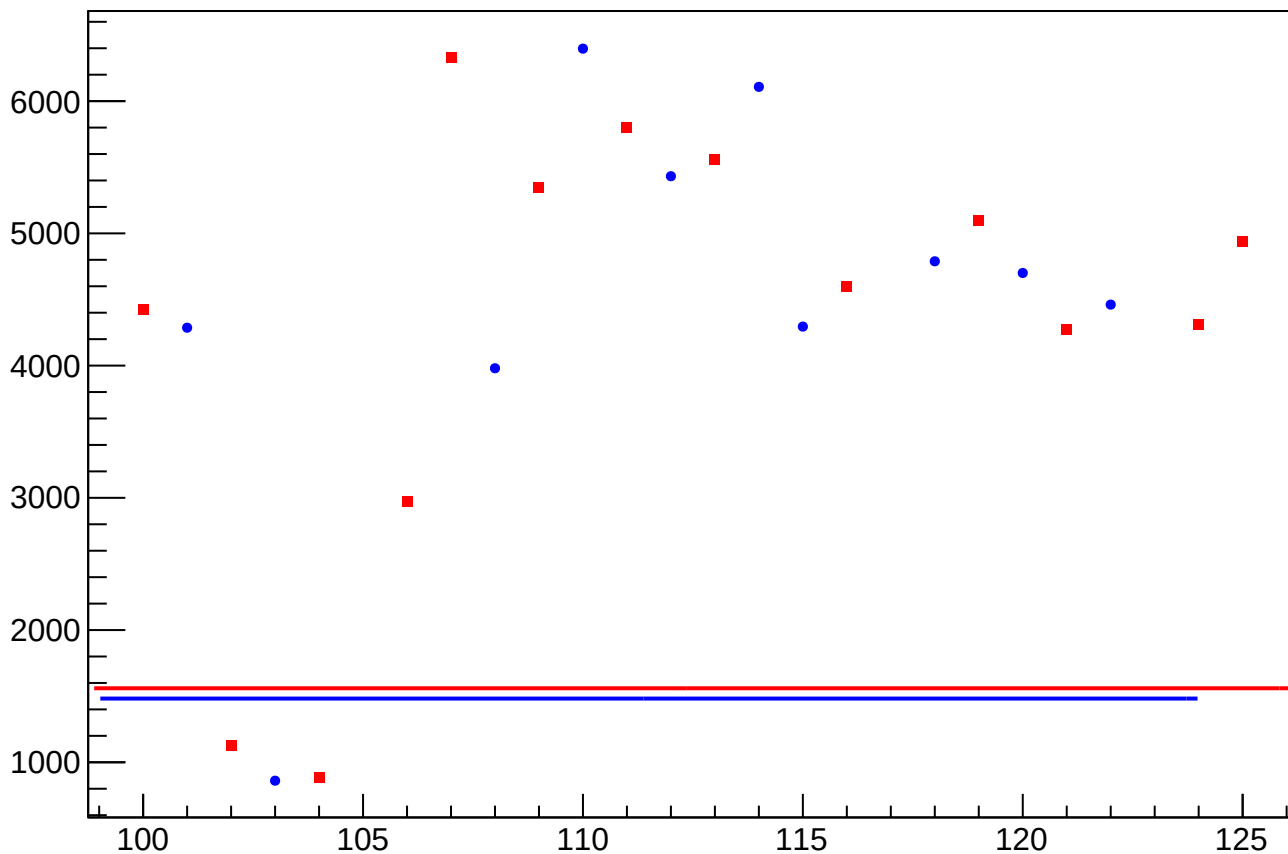
Right: -1102.195+/-709.191 χ^2/NDF : 20.6/22

In: -698.902+/-1019.148 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1102.195+/-709.191 χ^2/NDF : 20.6/22

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: 1559.784+/-0.698 χ^2/NDF : 4180090.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

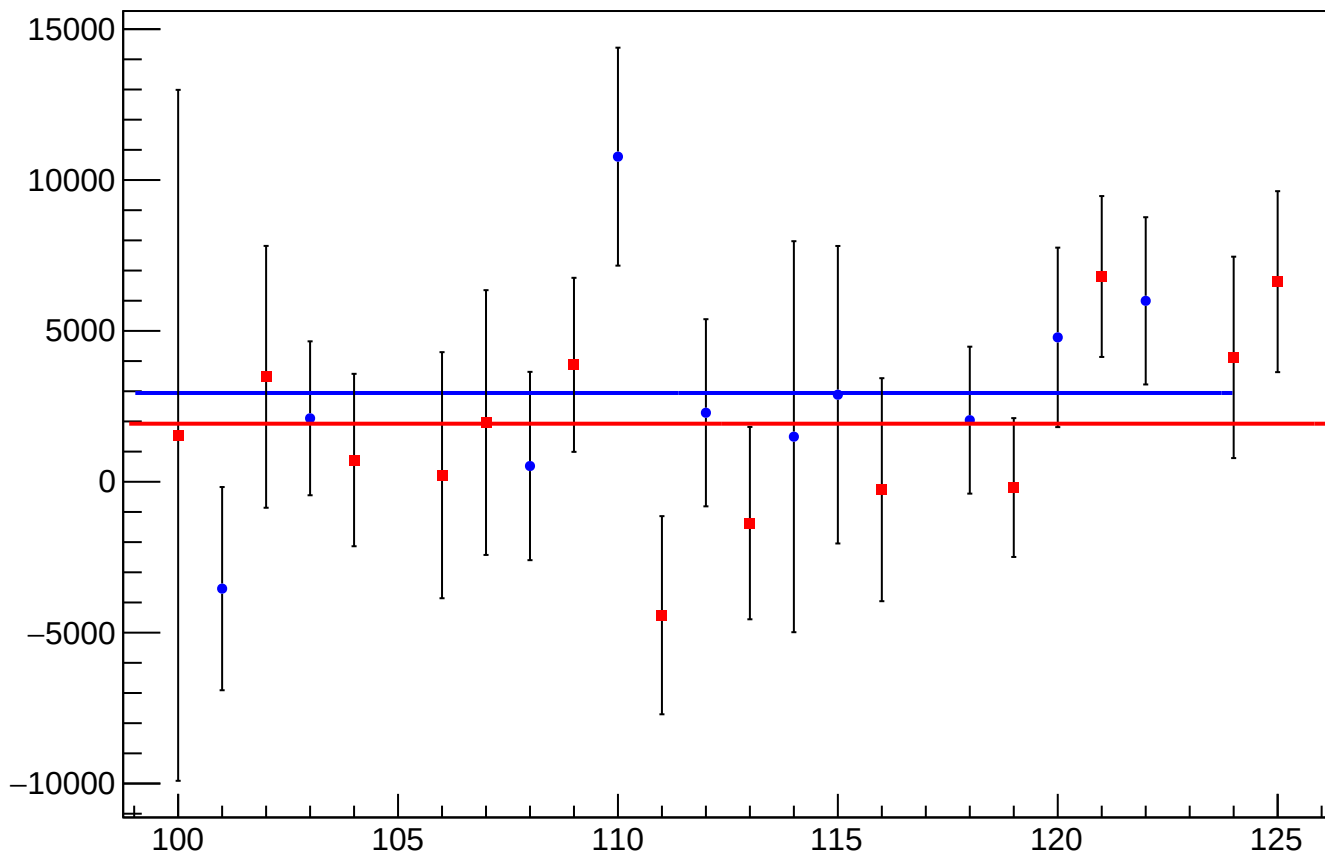
Right: 1522.111+/-0.501 χ^2/NDF : 8113123.2/22

In: 1481.984+/-0.721 χ^2/NDF : 3927021.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1522.111+/-0.501 χ^2/NDF : 8113123.2/22

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: 1924.787+/-908.828 χ^2/NDF : 13.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

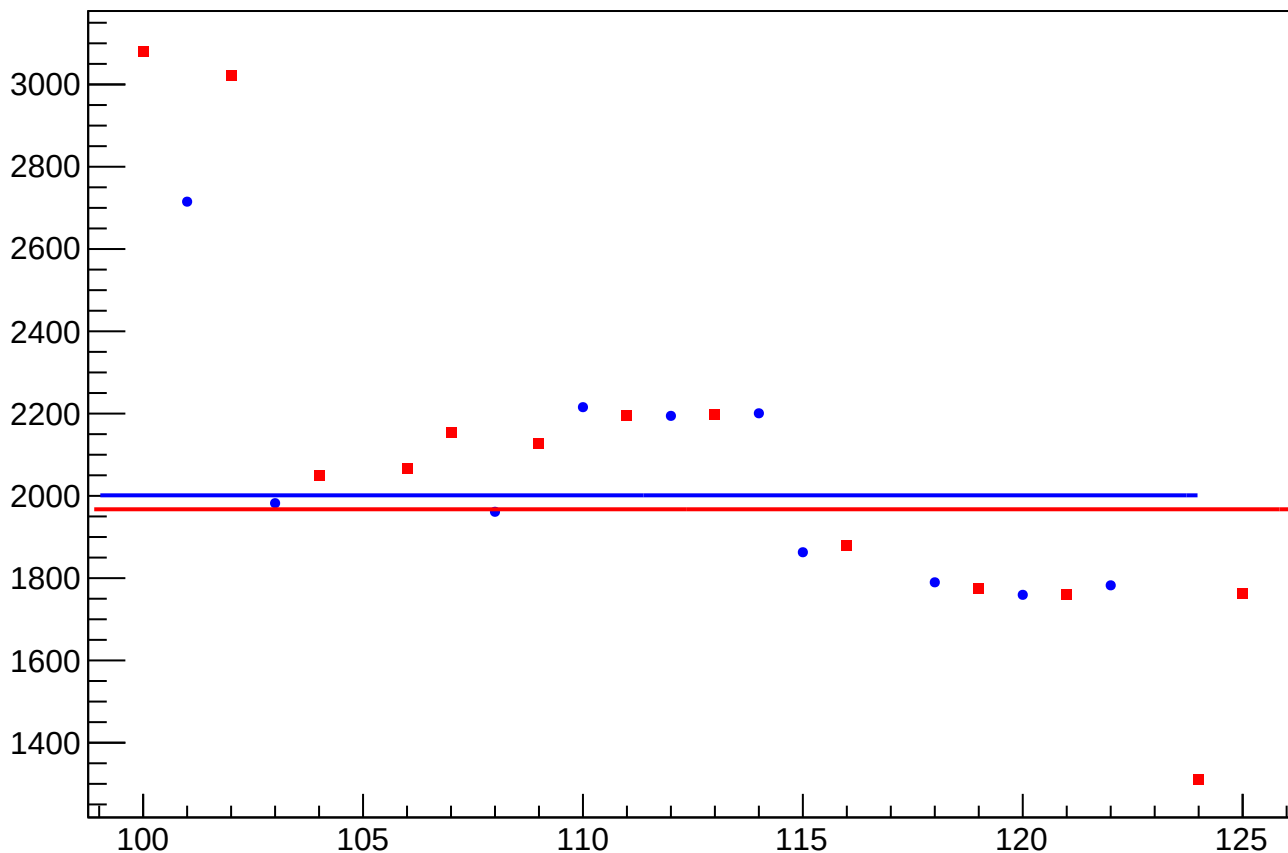
Right: 2385.817+/-672.234 χ^2/NDF : 24.7/22

In: 2942.770+/-998.909 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2385.817+/-672.234 χ^2/NDF : 24.7/22

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: 1967.399+/-0.642 χ^2/NDF : 283810.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

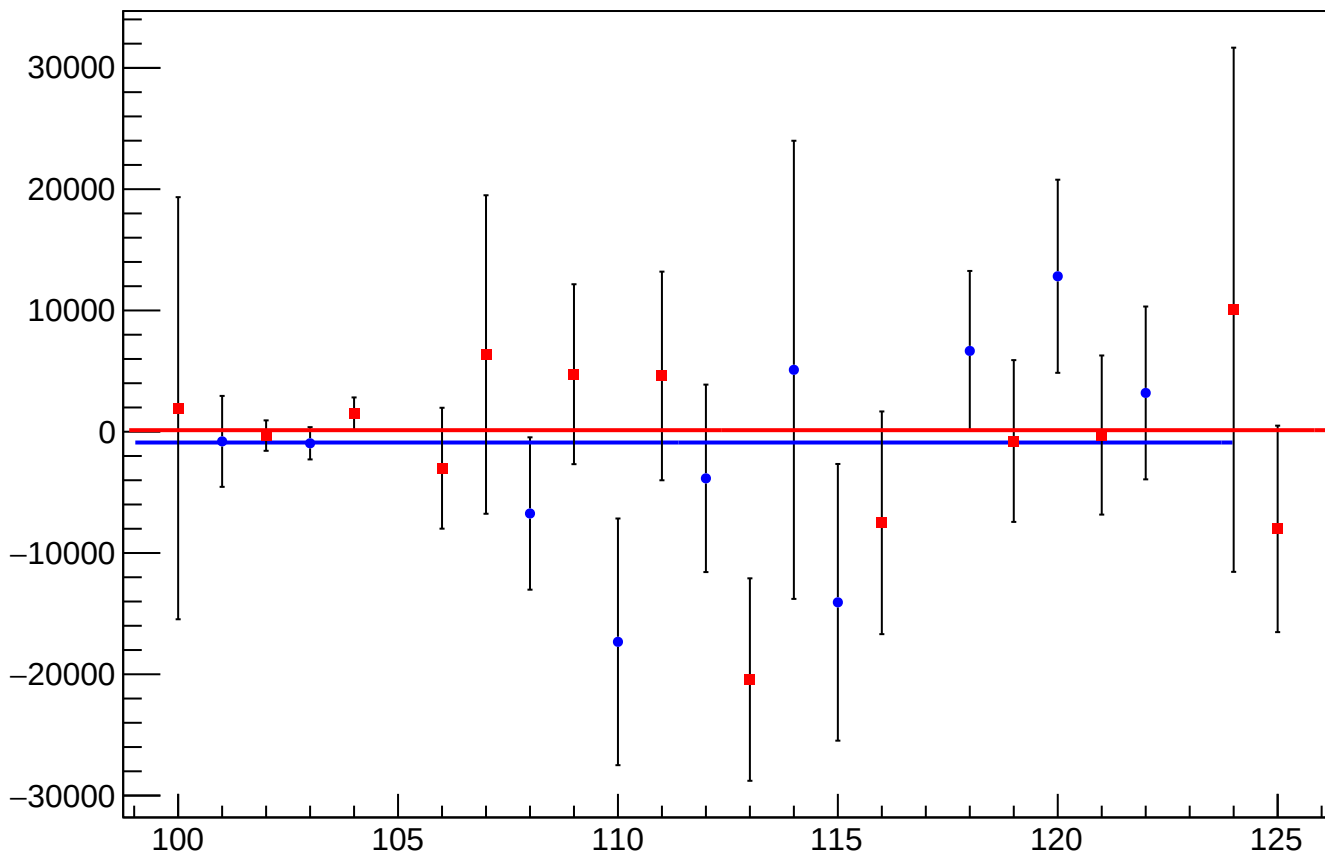
Right: 1982.735+/-0.475 χ^2/NDF : 434436.4/22

In: 2001.309+/-0.706 χ^2/NDF : 149363.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1982.735+/-0.475 χ^2/NDF : 434436.4/22

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: 128.246+/-861.627 χ^2/NDF : 10.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

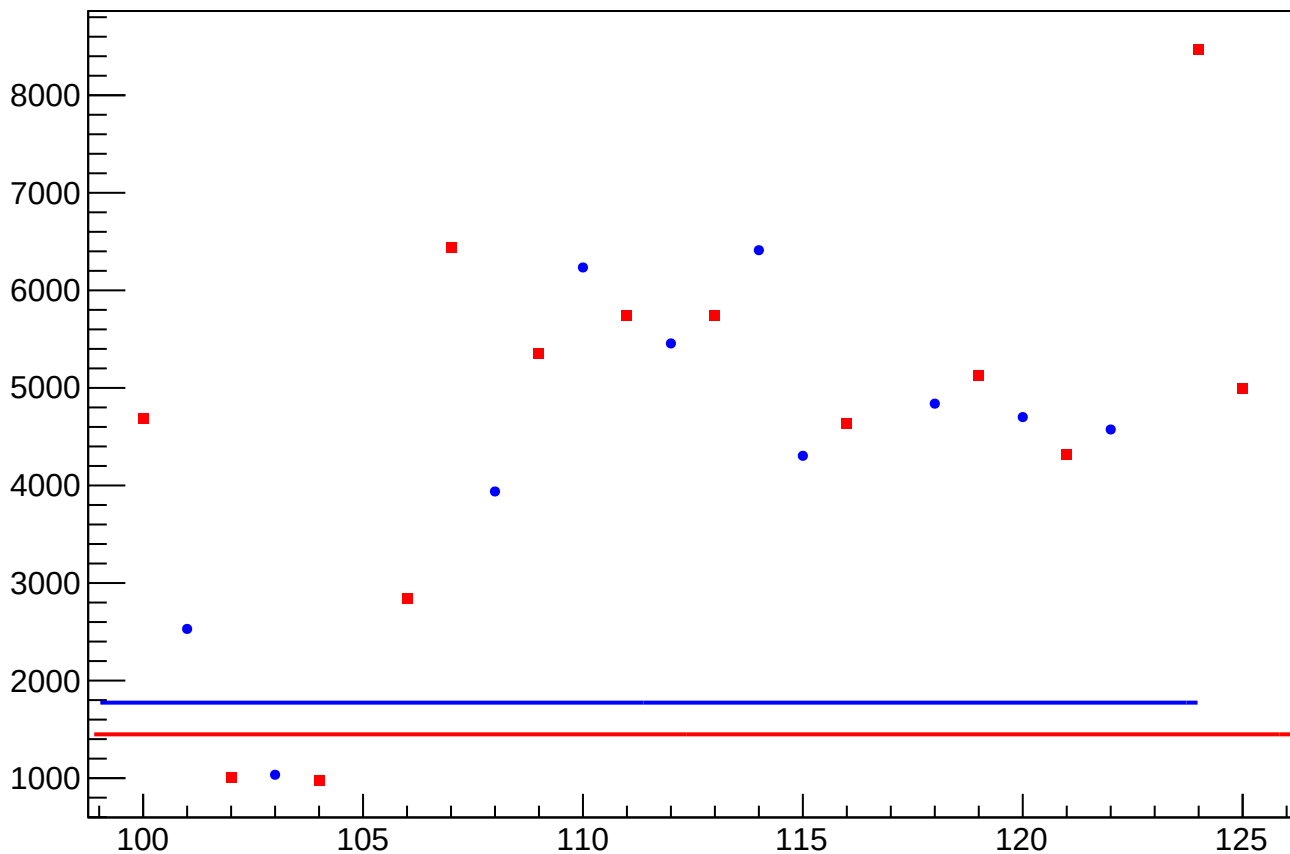
Right: -237.700+/-689.441 χ^2/NDF : 20.5/22

In: -889.002+/-1149.482 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -237.700+/-689.441 χ^2/NDF : 20.5/22

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: 1448.931+/-0.609 χ^2/NDF : 4375797.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

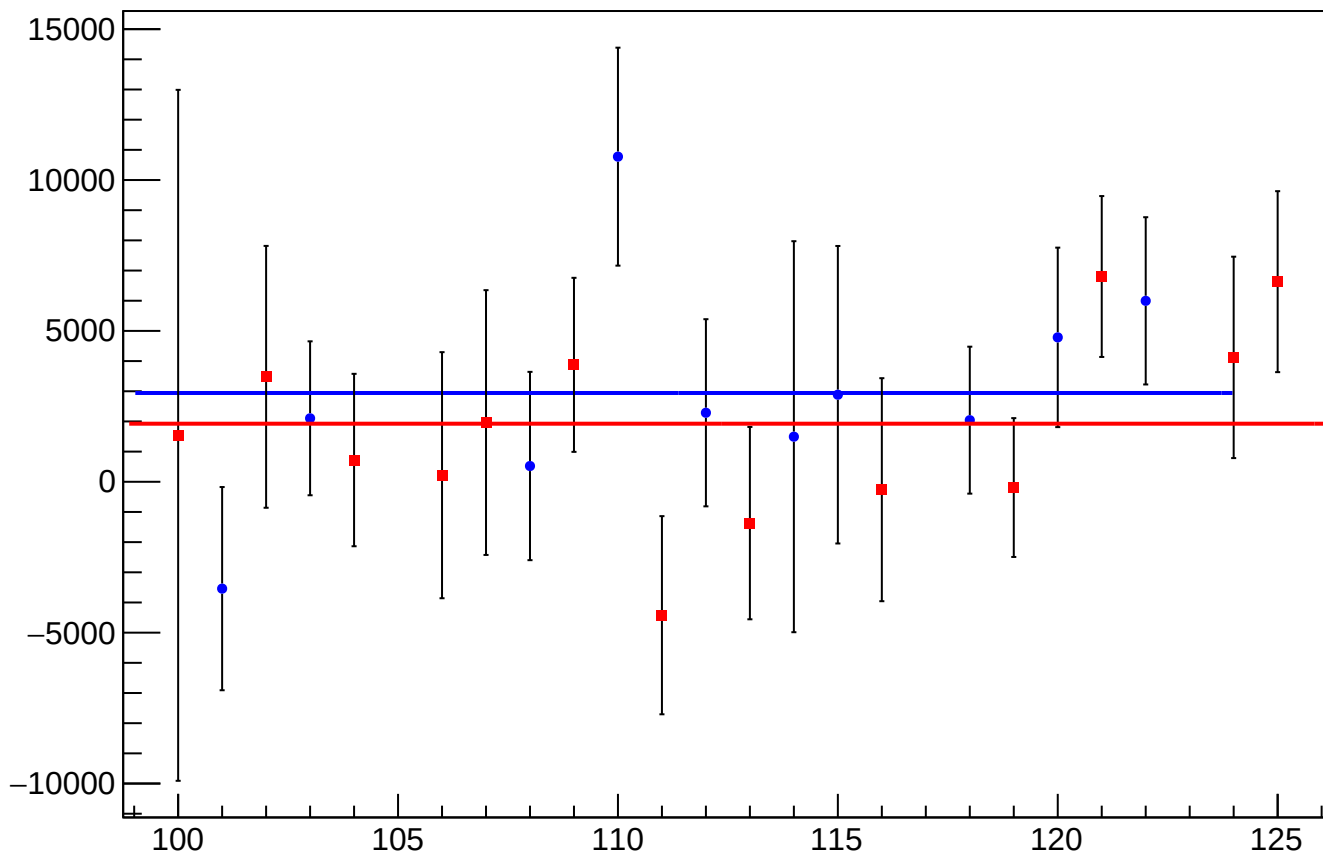
Right: 1565.853+/-0.488 χ^2/NDF : 7482966.8/22

In: 1773.947+/-0.813 χ^2/NDF :3004794.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1565.853+/-0.488 χ^2/NDF : 7482966.8/22

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: 1924.796+/-908.827 χ^2/NDF : 13.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

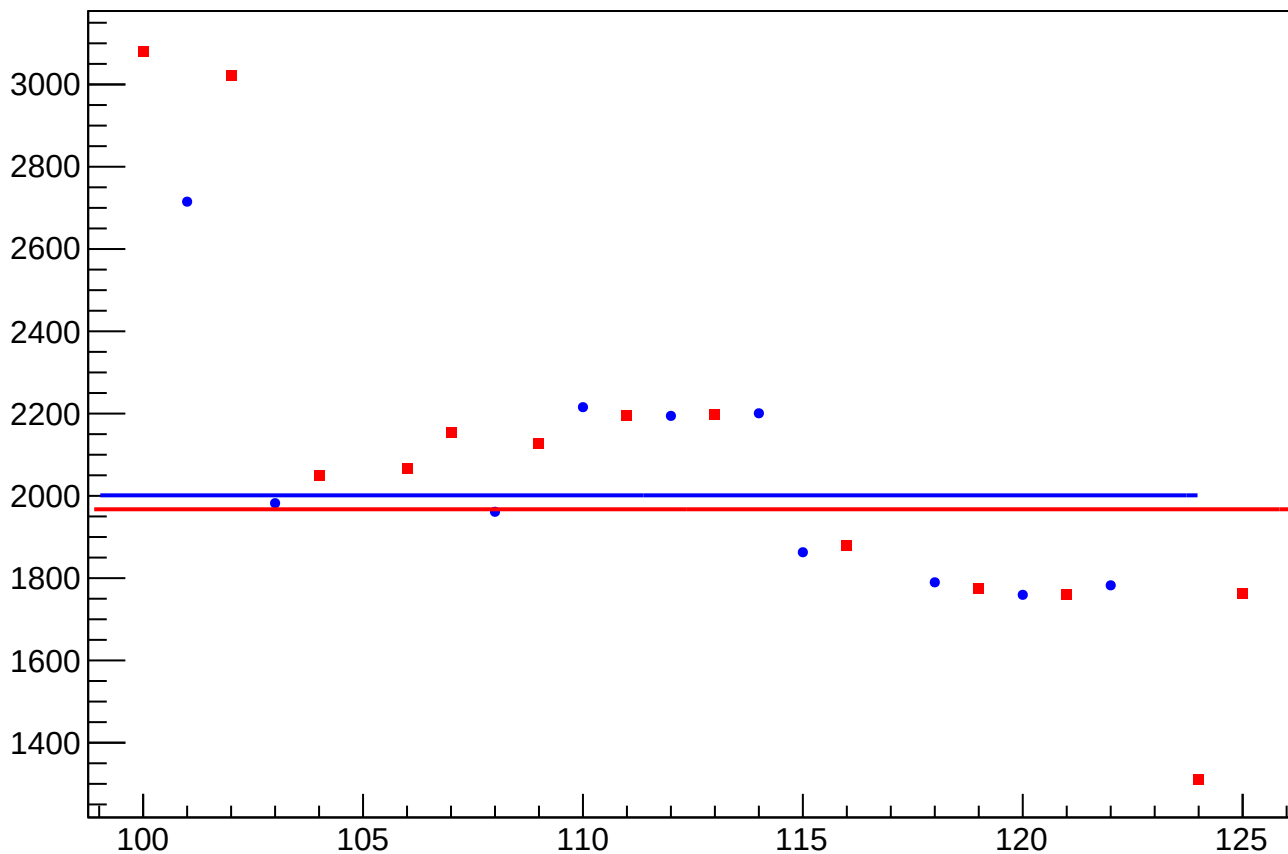
Right: 2385.817+/-672.234 χ^2/NDF : 24.7/22

In: 2942.758+/-998.909 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2385.817+/-672.234 χ^2/NDF : 24.7/22

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: 1967.398+/-0.642 χ^2/NDF : 283810.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

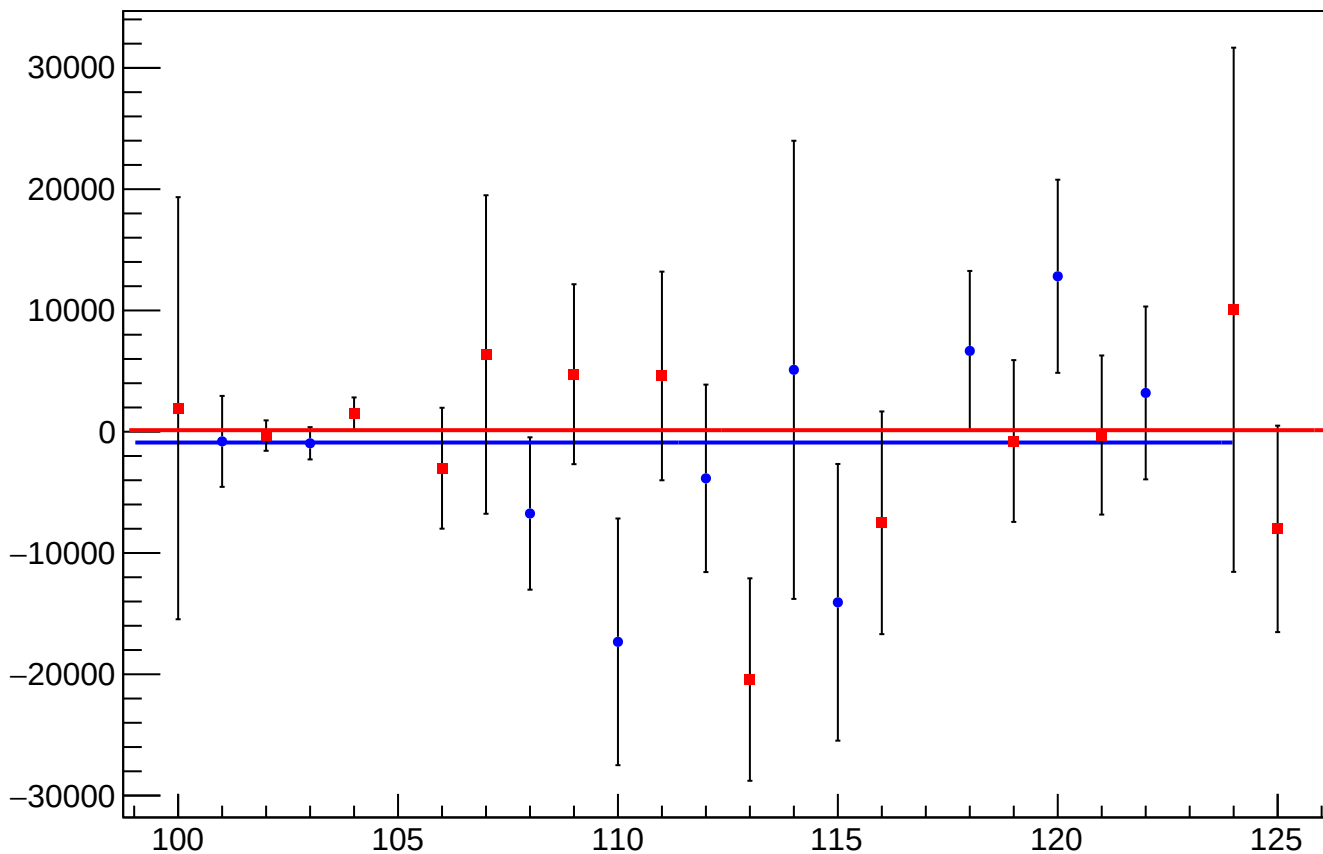
Right: 1982.734+/-0.475 χ^2/NDF : 434436.1/22

In: 2001.308+/-0.706 χ^2/NDF : 149363.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1982.734+/-0.475 χ^2/NDF : 434436.1/22

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: 128.240+/-861.626 χ^2/NDF : 10.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

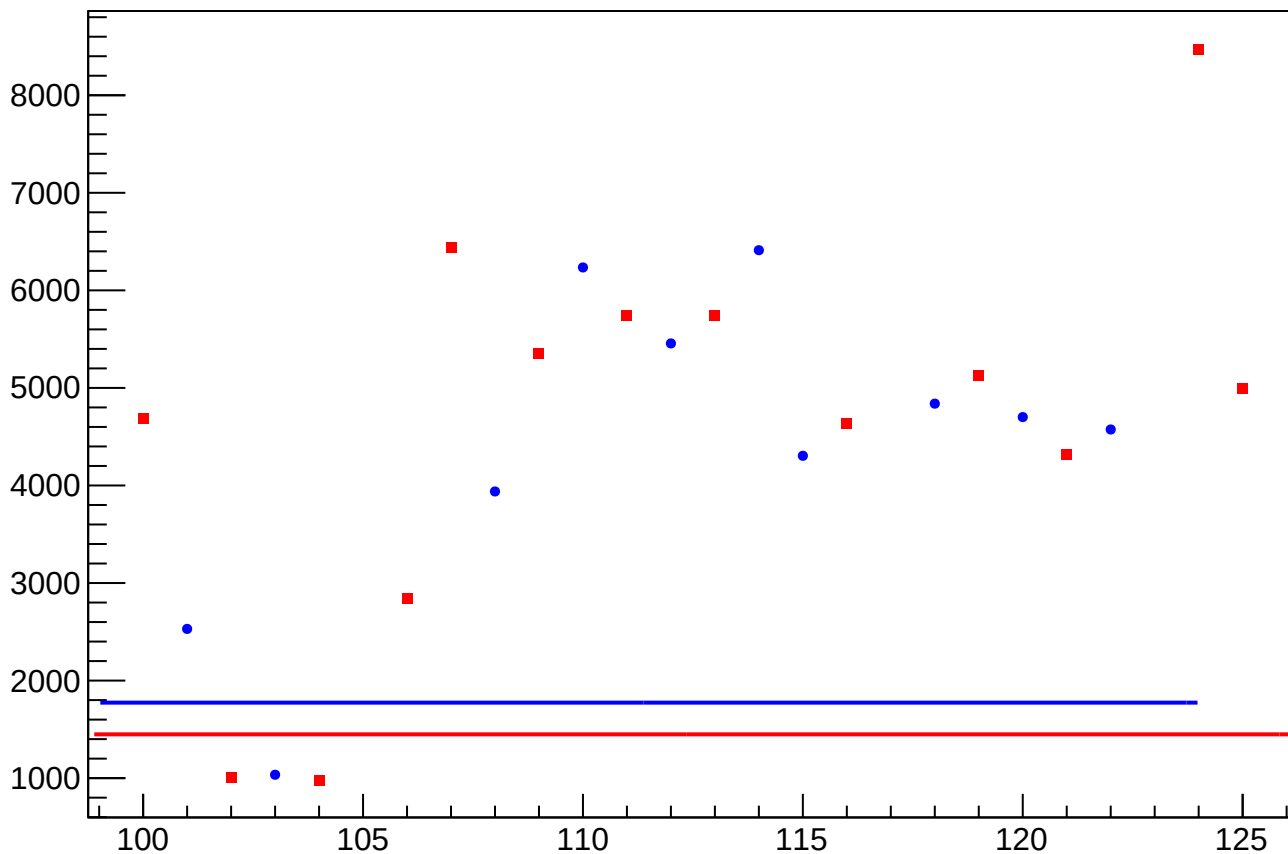
Right: -237.704+/-689.440 χ^2/NDF : 20.5/22

In: -889.004+/-1149.481 χ^2/NDF :9.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -237.704+/-689.440 χ^2/NDF : 20.5/22

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: 1448.931+/-0.609 χ^2/NDF : 4375791.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

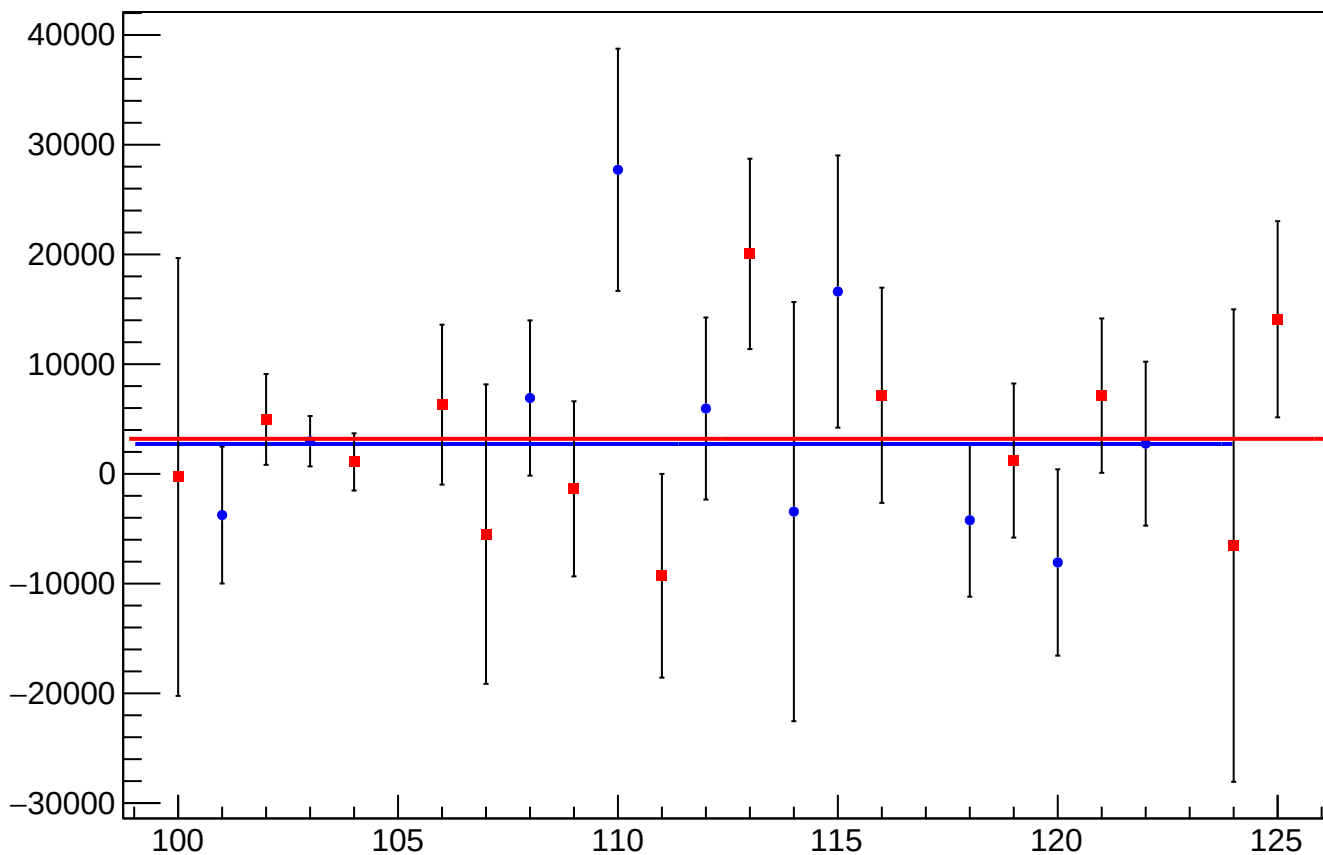
Right: 1565.853+/-0.488 χ^2/NDF : 7482955.1/22

In: 1773.947+/-0.813 χ^2/NDF : 3004789.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1565.853+/-0.488 χ^2/NDF : 7482955.1/22

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: 3195.635+/-1719.002 χ^2/NDF : 9.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

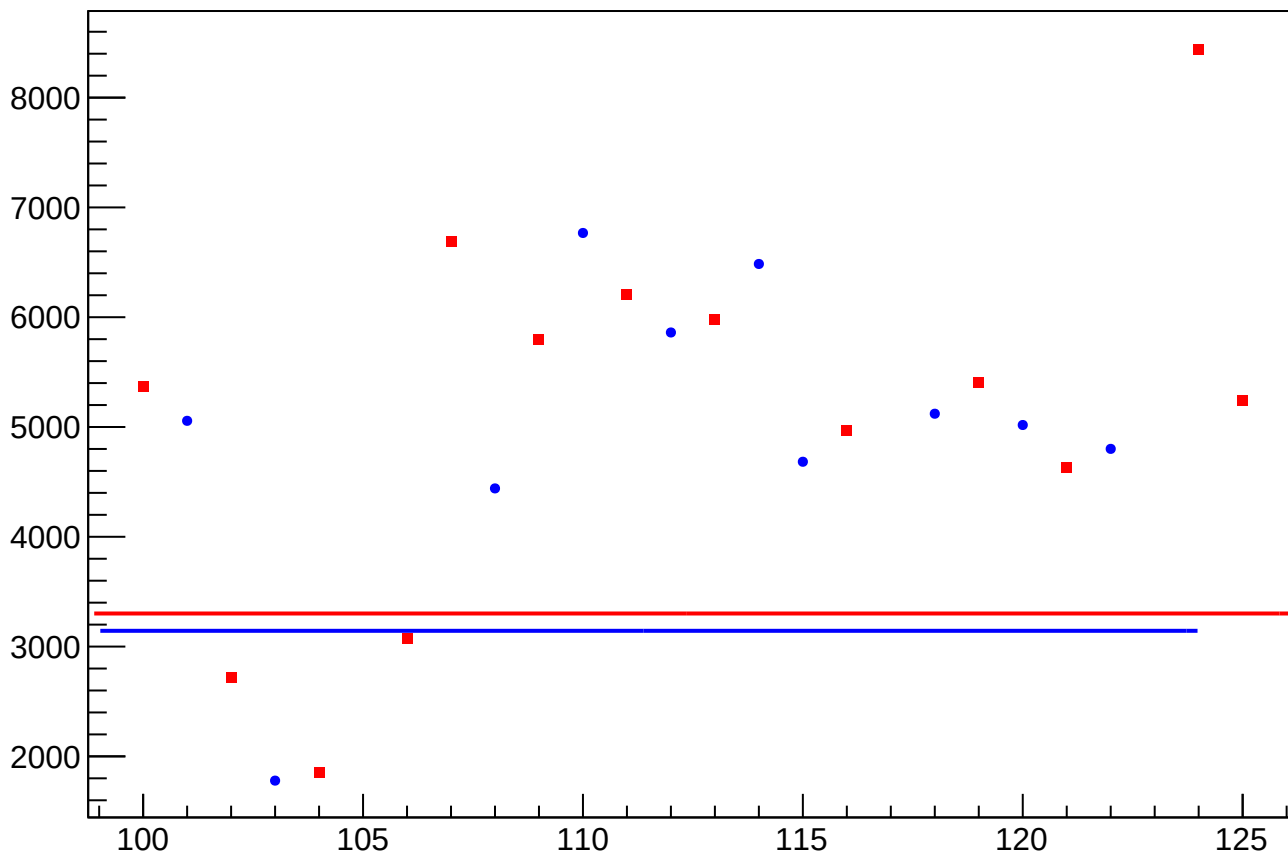
Right: 2966.174+/-1232.062 χ^2/NDF : 20.3/22

In: 2723.780+/-1766.779 χ^2/NDF : 10.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2966.174+/-1232.062 χ^2/NDF : 20.3/22

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: 3301.334+/-1.201 χ^2/NDF : 1906067.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

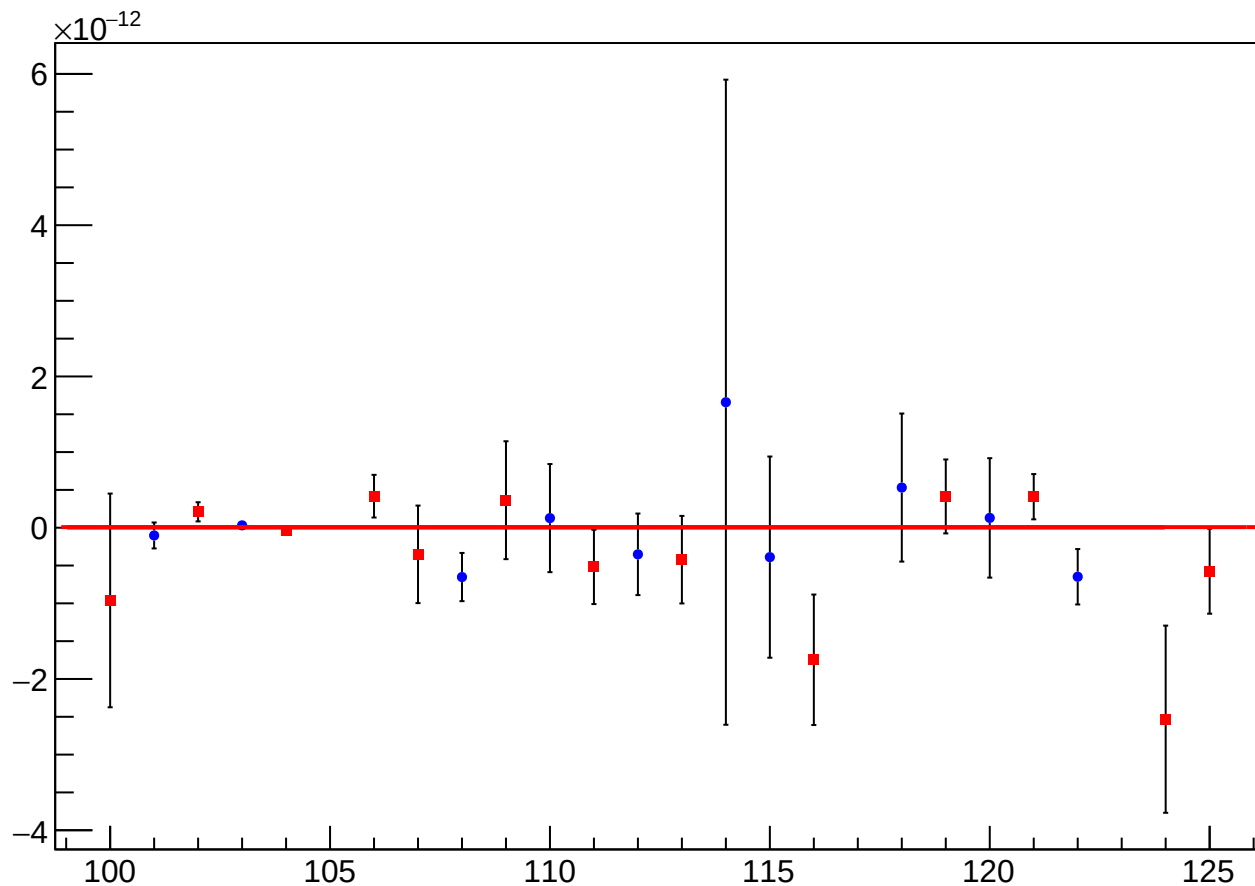
Right: 3225.598+/-0.866 χ^2/NDF : 3757198.4/22

In: 3143.605+/-1.249 χ^2/NDF :1842844.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3225.598+/-0.866 χ^2/NDF : 3757198.4/22

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 : 19.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

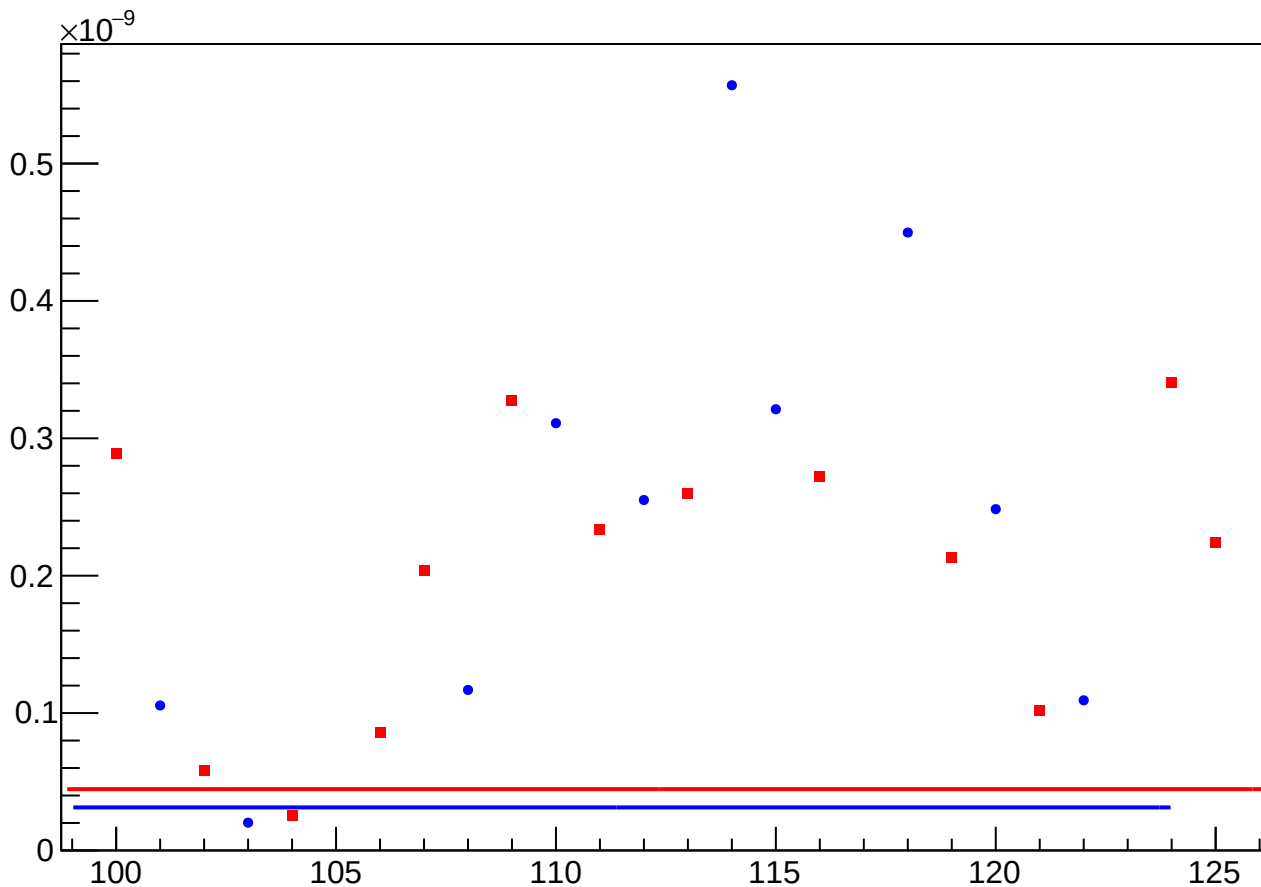
Right: 0.000+/-0.000 χ^2/NDF : 29.1/22

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 : 29.1/22

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 : 2086867.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

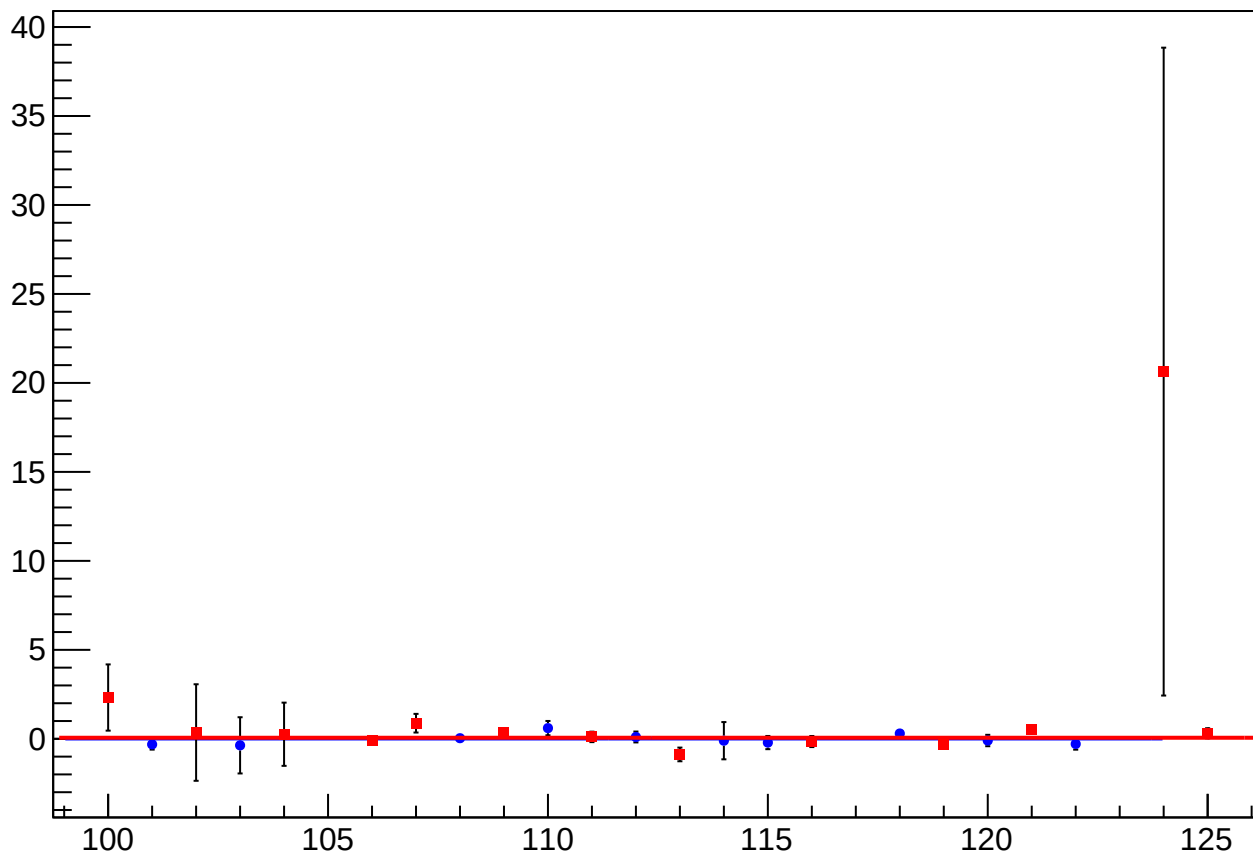
Right: 0.000+/-0.000 χ^2/NDF : 4218107.6/22

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 : 4218107.6/22

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: 0.061+/-0.095 χ^2/NDF : 19.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

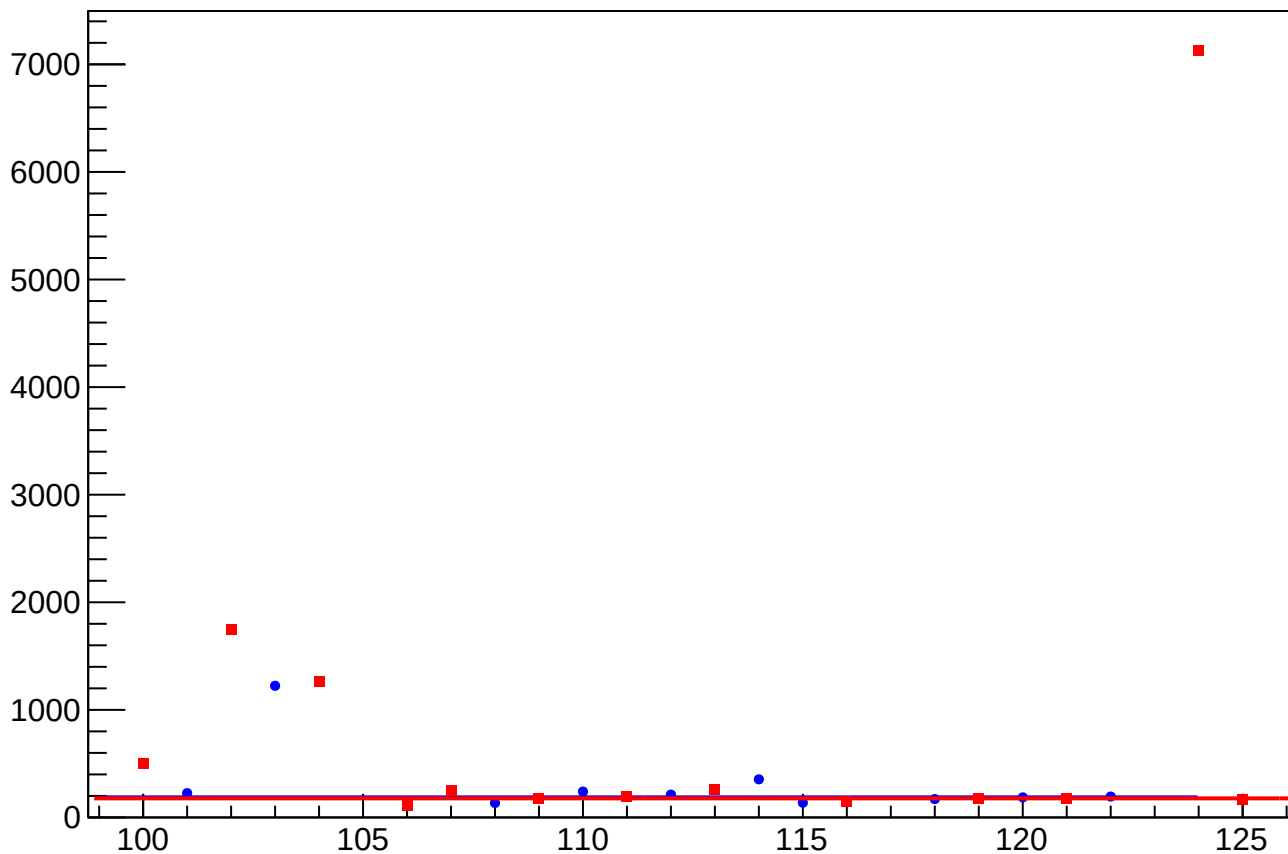
Right: 0.042+/-0.070 χ^2/NDF : 25.8/22

In: 0.020+/-0.102 χ^2/NDF : 6.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.042+/-0.070 χ^2/NDF : 25.8/22

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: 177.395+/-0.067 χ^2/NDF : 2086487.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

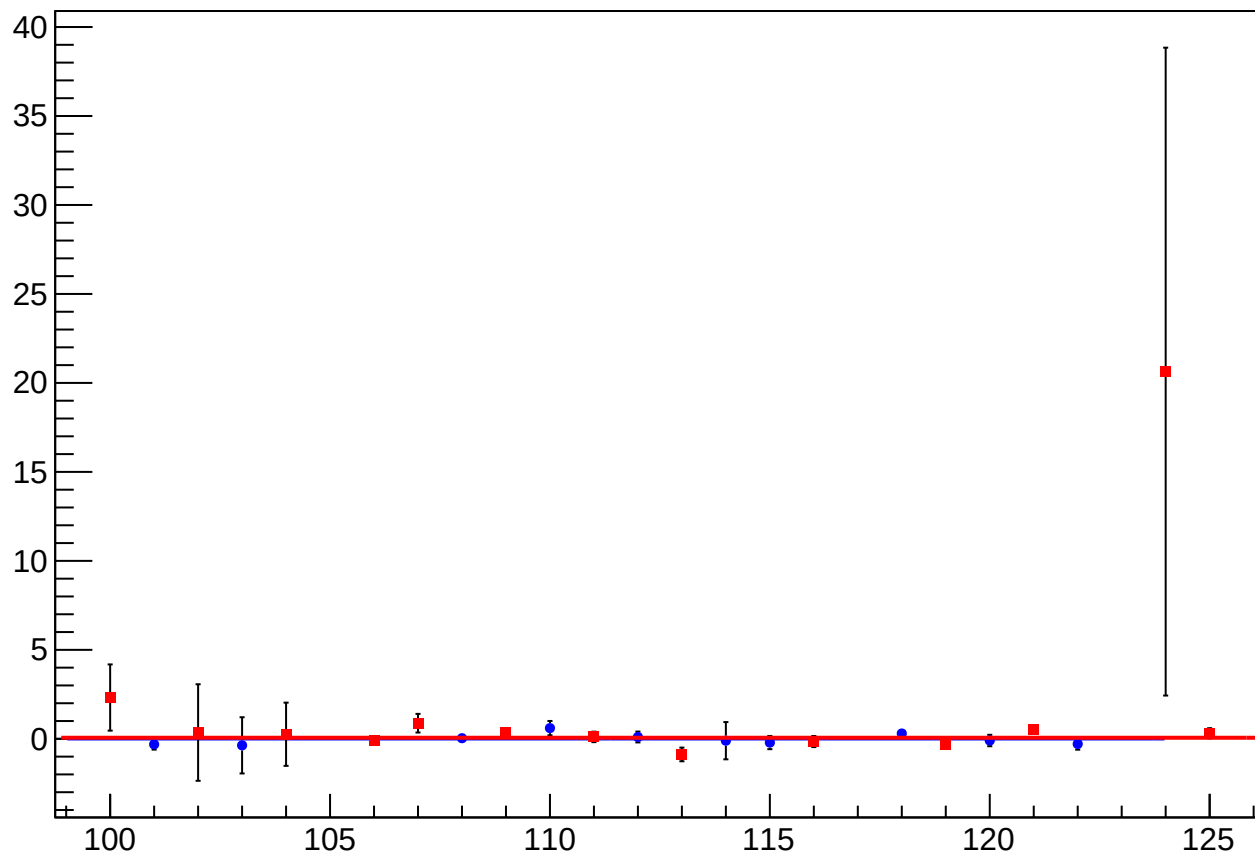
Right: 181.691+/-0.049 χ^2/NDF : 3251933.9/22

In: 186.639+/-0.072 χ^2/NDF : 1156726.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.691+/-0.049 χ^2/NDF : 3251933.9/22

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: 0.061+/-0.095 χ^2/NDF : 19.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

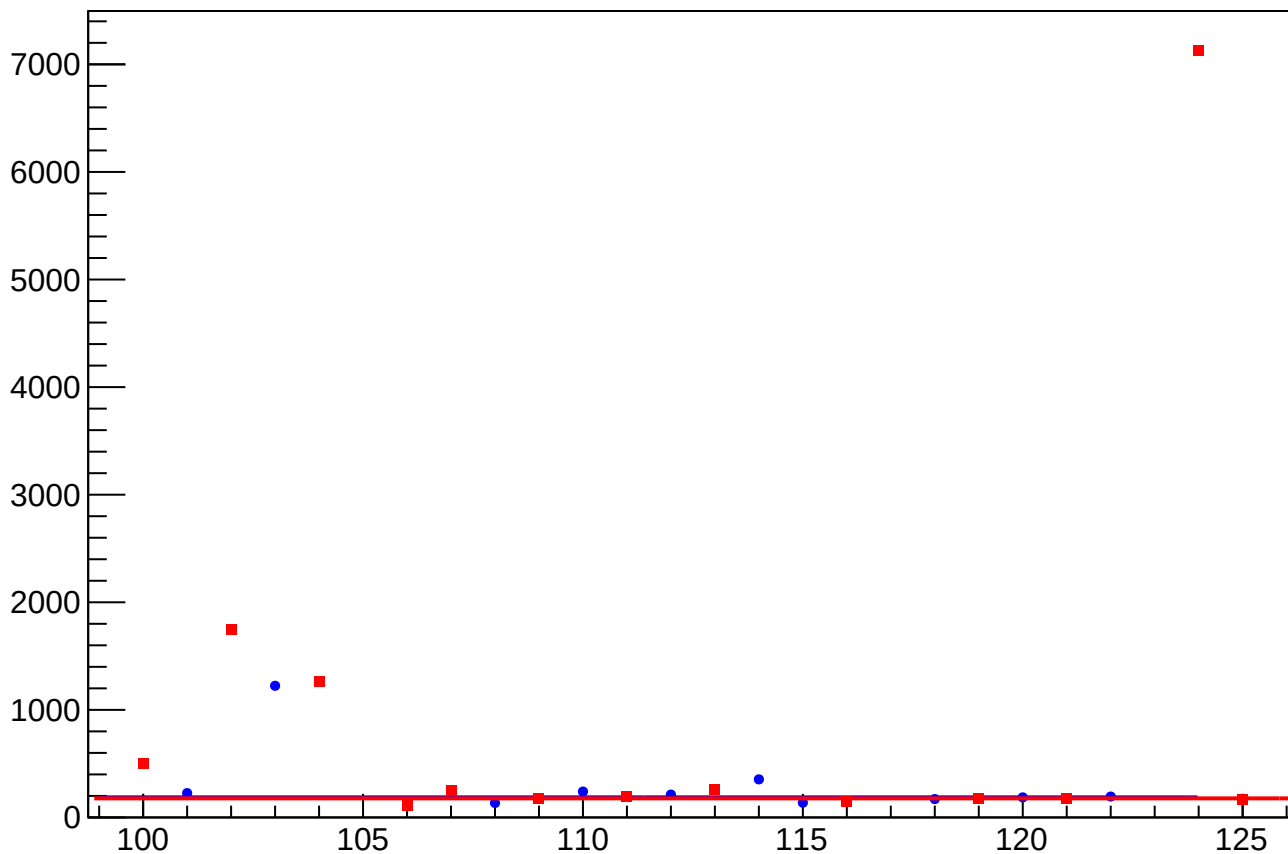
Right: 0.042+/-0.070 χ^2/NDF : 25.8/22

In: 0.020+/-0.102 χ^2/NDF : 6.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.042+/-0.070 χ^2/NDF : 25.8/22

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: 177.395+/-0.067 χ^2/NDF : 2086487.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

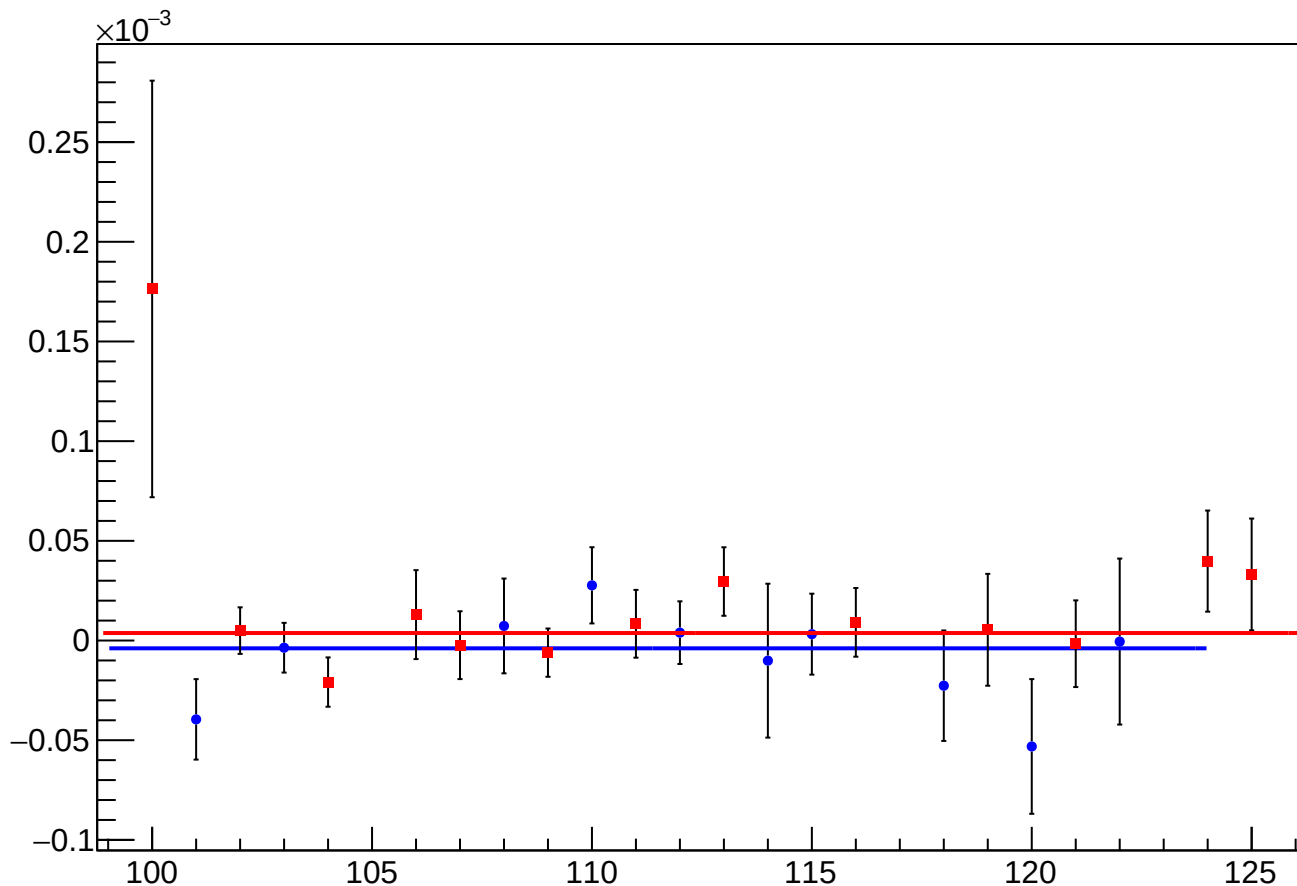
Right: 181.691+/-0.049 χ^2/NDF : 3251933.9/22

In: 186.639+/-0.072 χ^2/NDF : 1156726.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.691+/-0.049 χ^2/NDF : 3251933.9/22

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 : 13.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

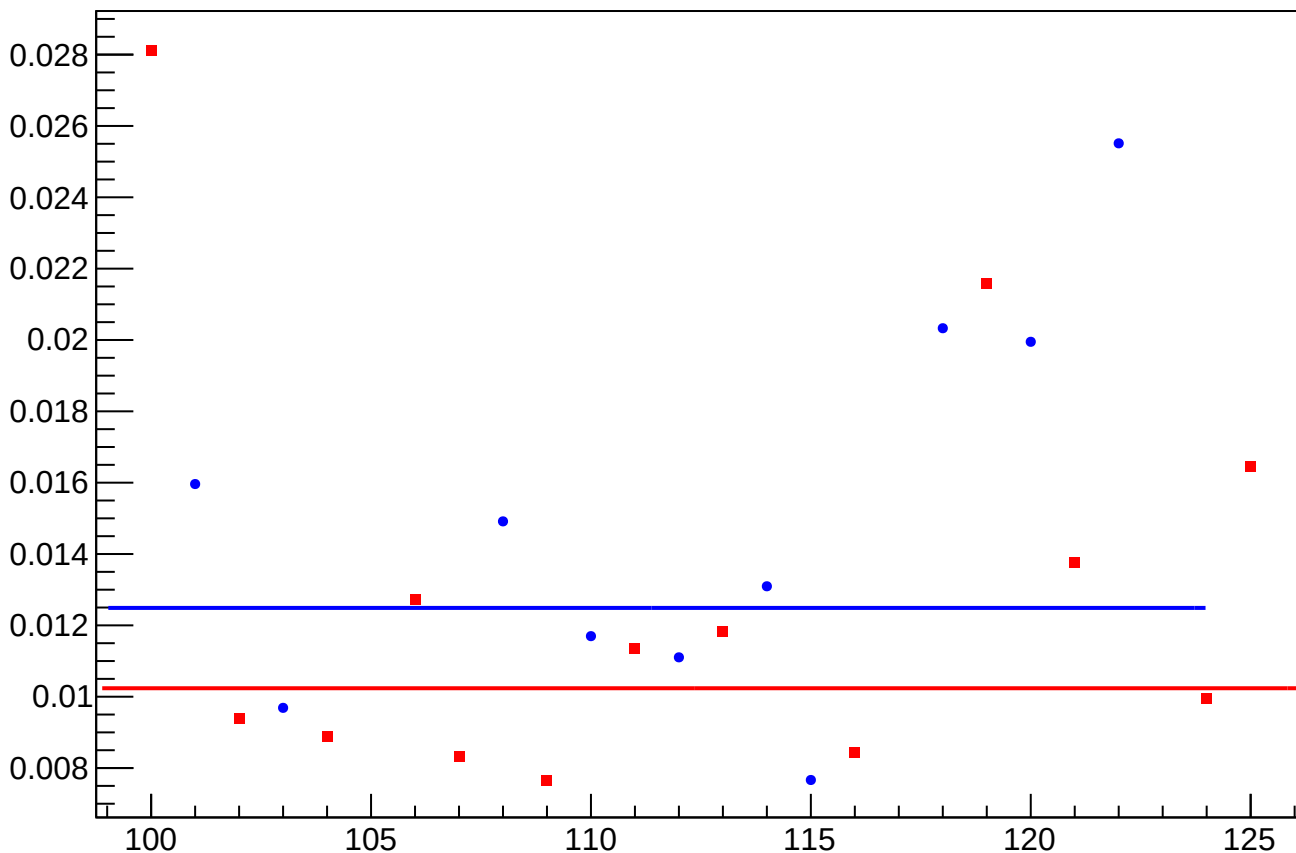
Right: 0.000+/-0.000 χ^2/NDF : 23.2/22

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 : 23.2/22

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 : 758615.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

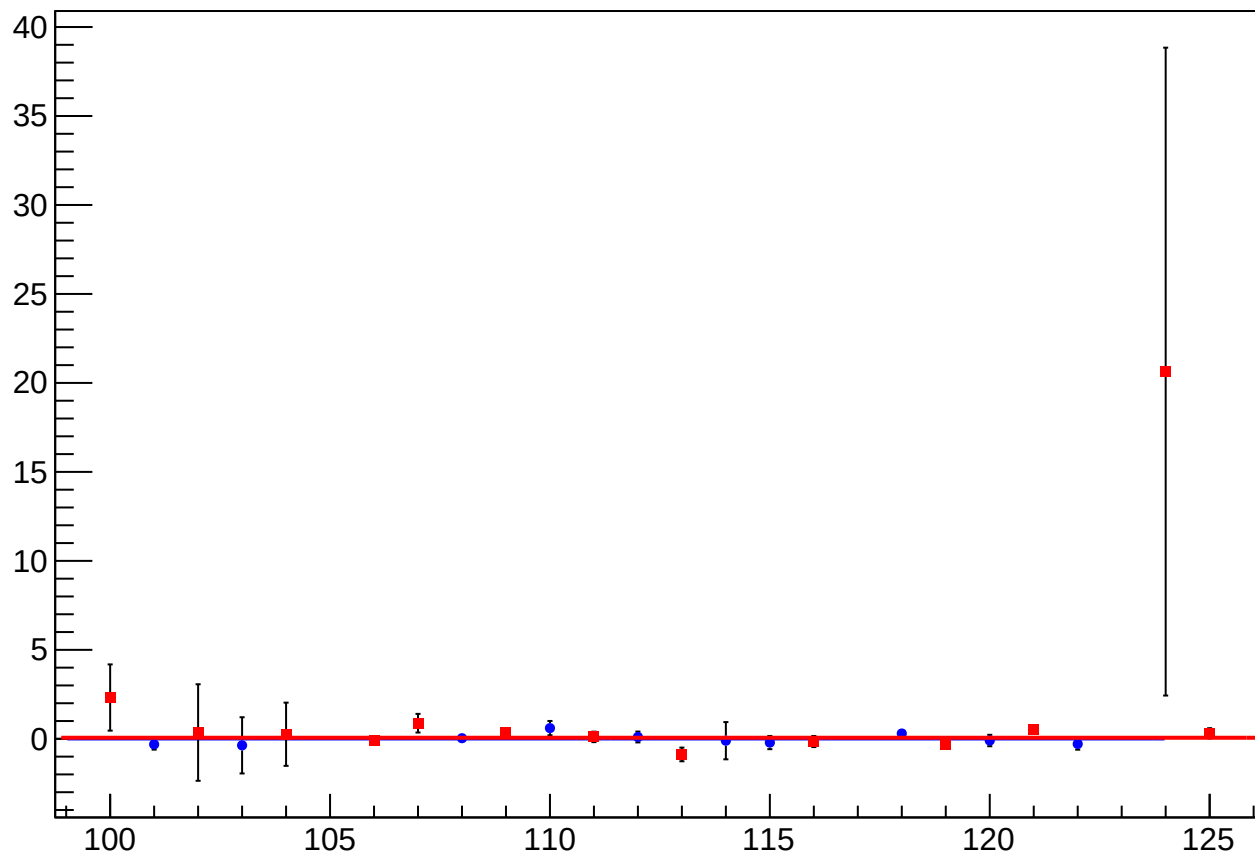
Right: 0.011+/-0.000 χ^2/NDF : 1678393.4/22

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 : 1678393.4/22

asym_atl1r2_avg_eigen_dit_vs_Slug, Sign Corrected



Right In: 0.020+/-0.102 χ^2/NDF : 6.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.061+/-0.095 χ^2/NDF : 19.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

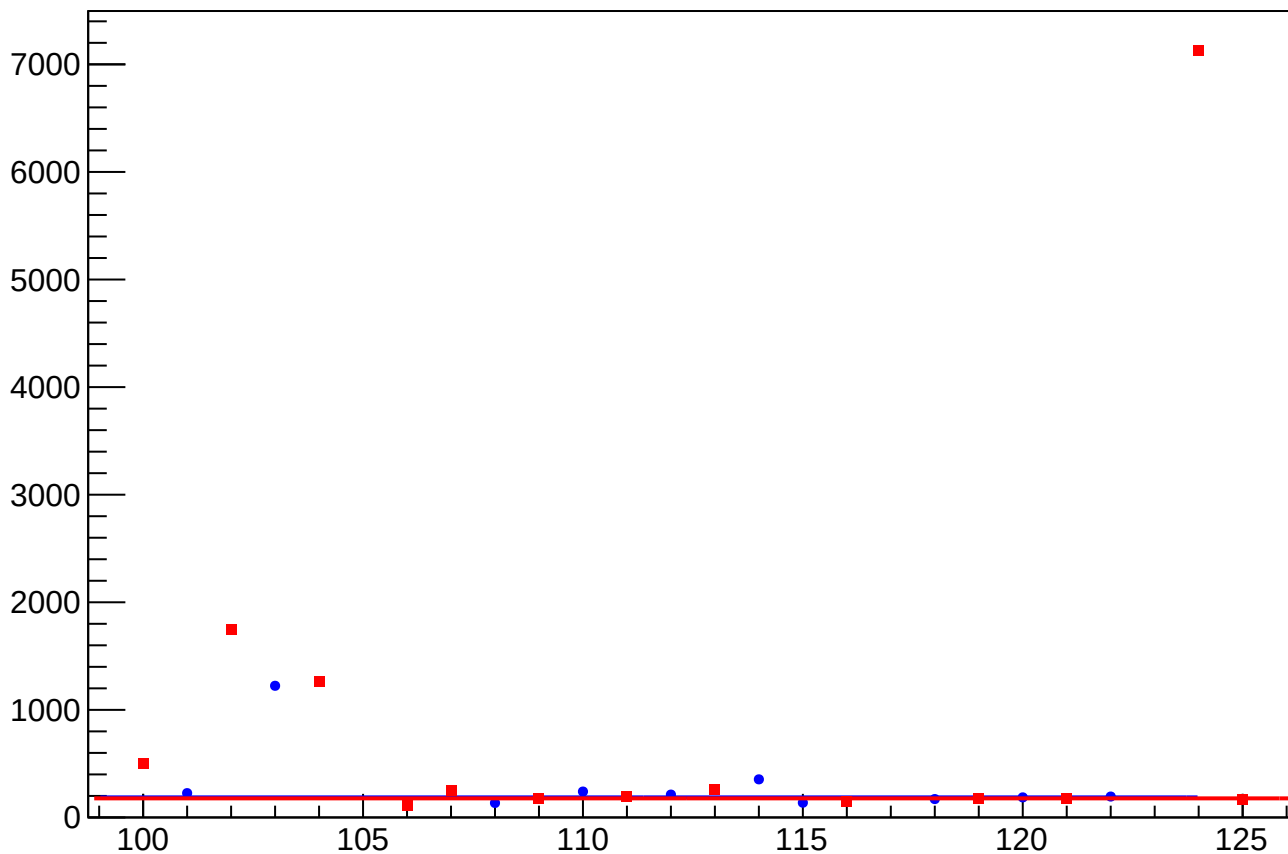
Right: 0.042+/-0.070 χ^2/NDF : 25.8/22

In: 0.020+/-0.102 χ^2/NDF : 6.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.042+/-0.070 χ^2/NDF : 25.8/22

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: 177.393+/-0.067 χ^2/NDF : 2086510.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

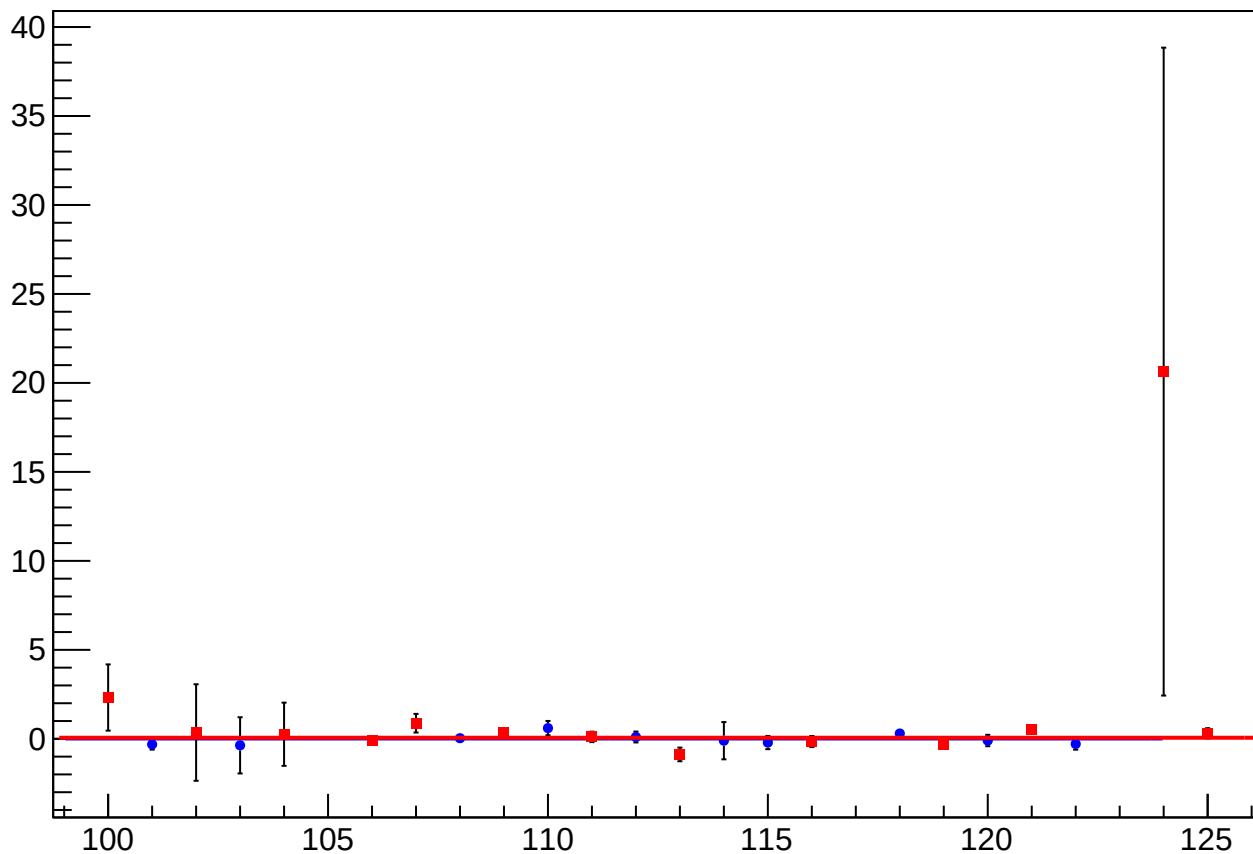
Right: 181.690+/-0.049 χ^2/NDF : 3251966.5/22

In: 186.637+/-0.072 χ^2/NDF : 1156735.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.690+/-0.049 χ^2/NDF : 3251966.5/22

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: 0.061+/-0.095 χ^2/NDF : 19.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

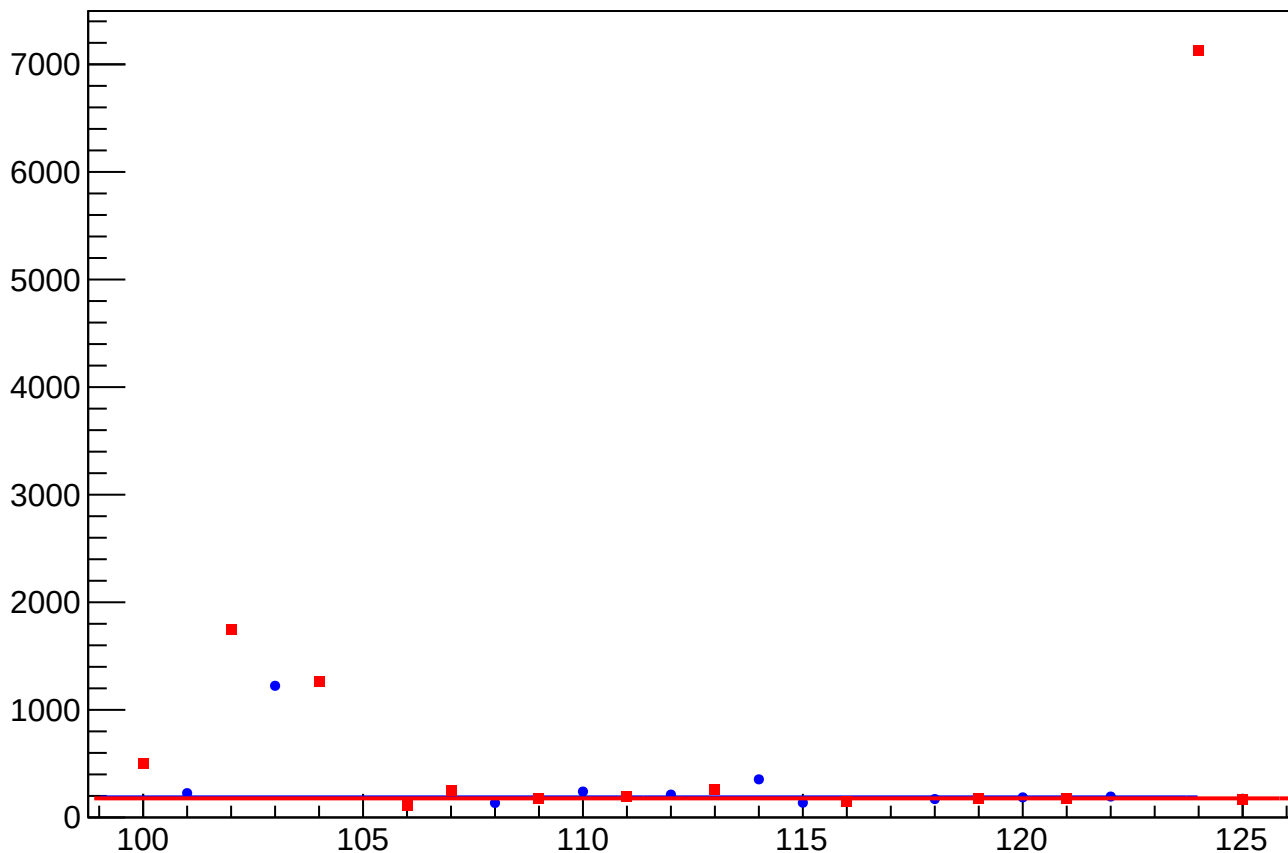
Right: 0.042+/-0.070 χ^2/NDF : 25.8/22

In: 0.020+/-0.102 χ^2/NDF : 6.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.042+/-0.070 χ^2/NDF : 25.8/22

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: 177.393+/-0.067 χ^2/NDF : 2086510.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

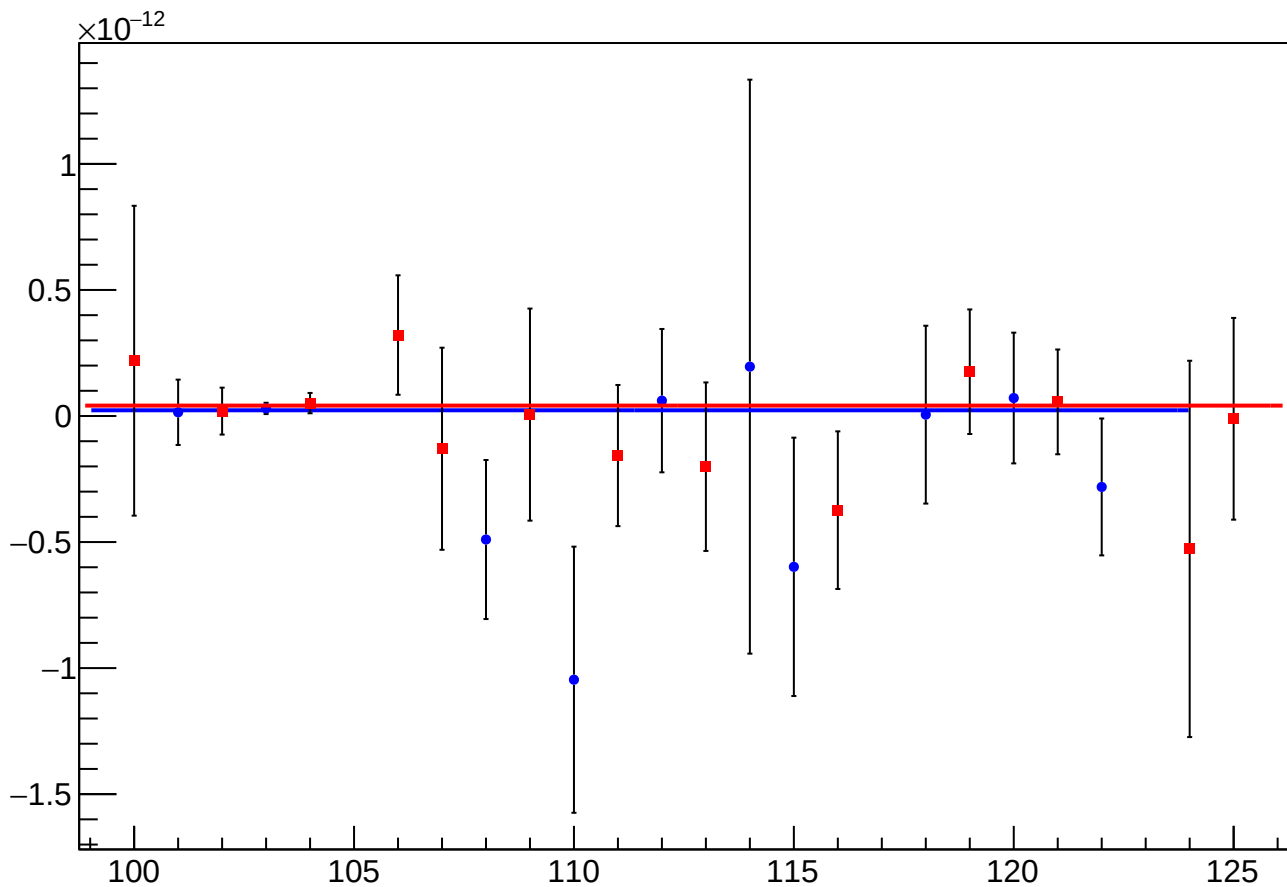
Right: 181.690+/-0.049 χ^2/NDF : 3251966.5/22

In: 186.637+/-0.072 χ^2/NDF : 1156735.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.690+/-0.049 χ^2/NDF : 3251966.5/22

asym_atl1r2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

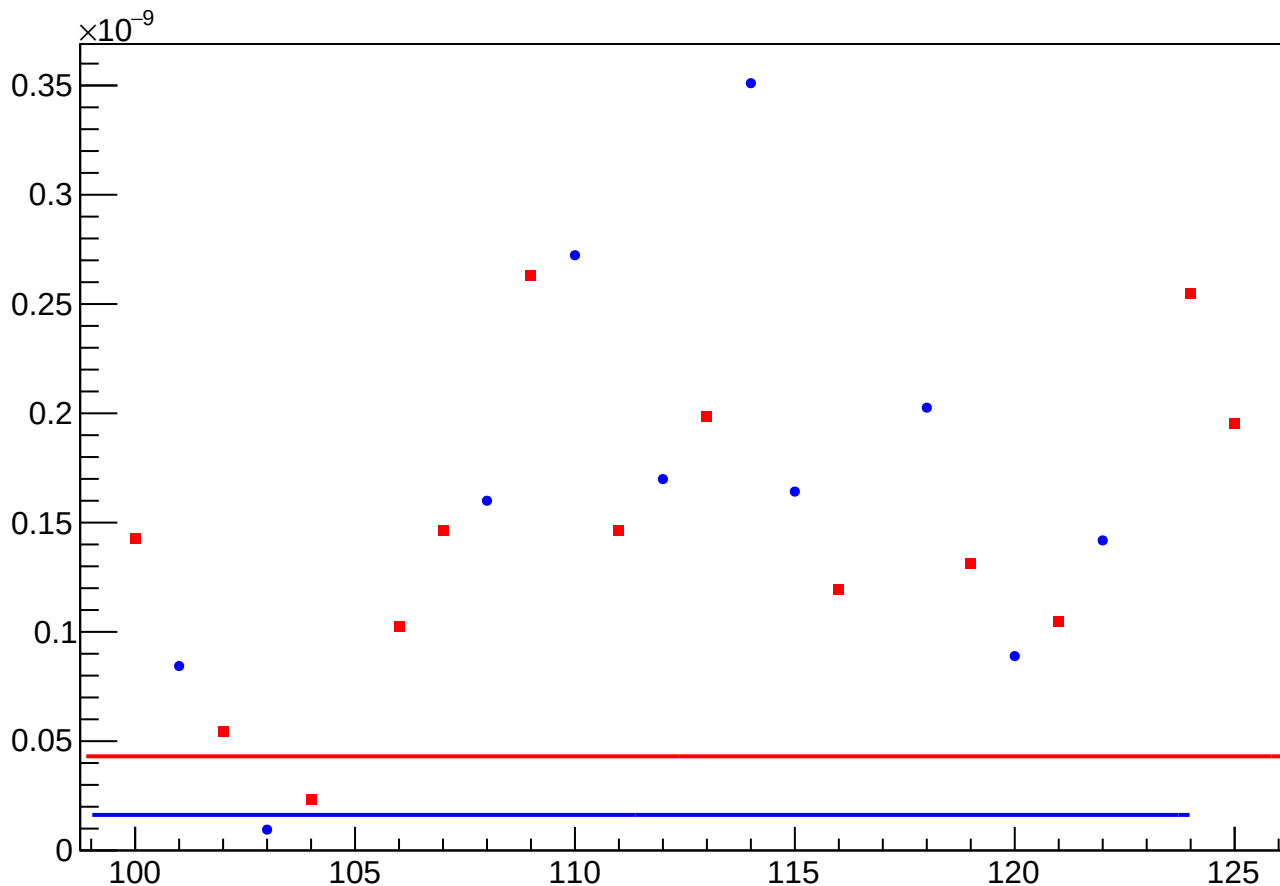
Right: 0.000+/-0.000 χ^2/NDF : 15.3/22

In: 0.000+/-0.000 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.3/22

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 : 3082058.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

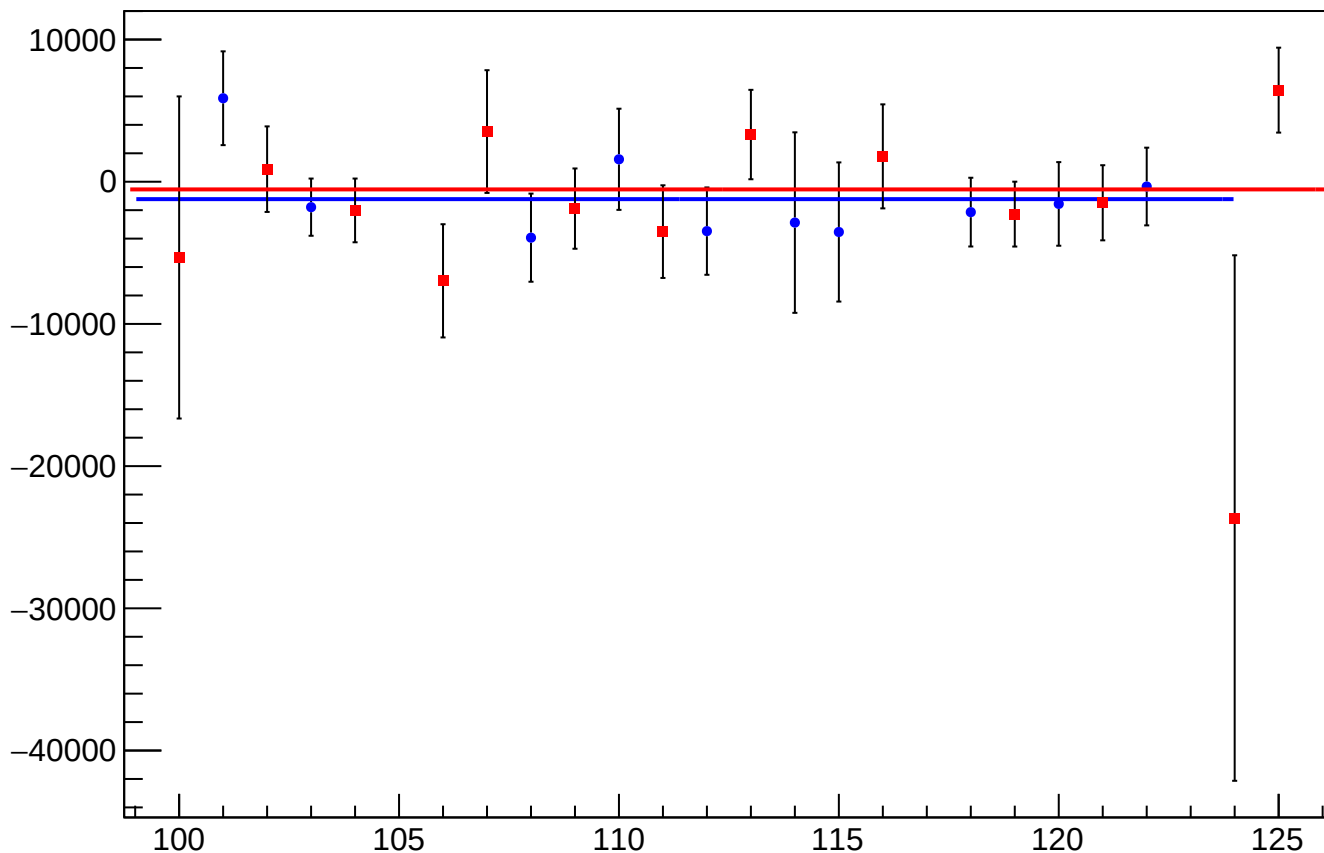
Right: 0.000+/-0.000 χ^2/NDF : 7633190.8/22

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 : 7633190.8/22

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: -540.013 ± 883.727 χ^2/NDF : 15.0/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

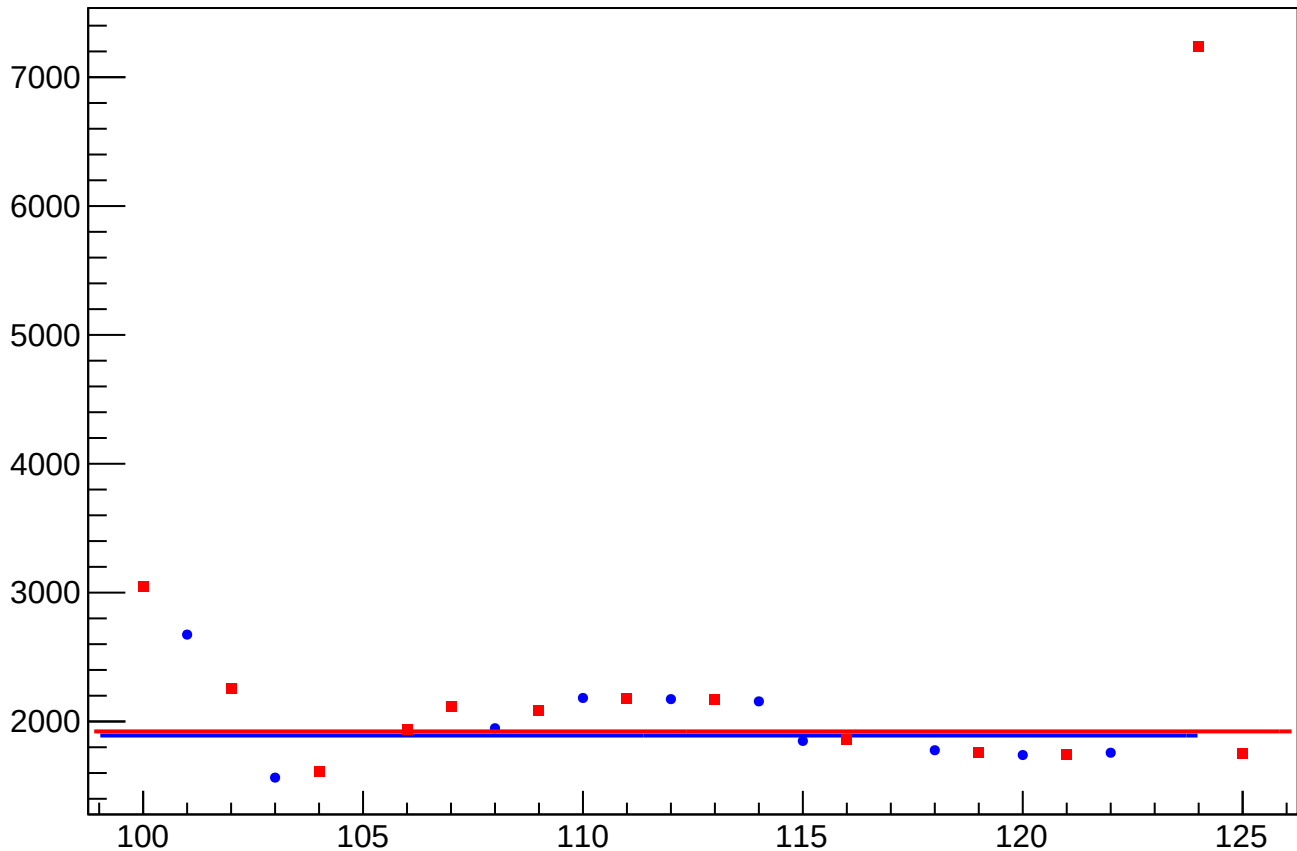
Right: -858.632 ± 646.028 χ^2/NDF : 22.5/22

In: -1224.334 ± 946.772 χ^2/NDF : 7.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -858.632 ± 646.028 χ^2/NDF : 22.5/22

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: 1922.942+/-0.623 χ^2/NDF : 310730.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

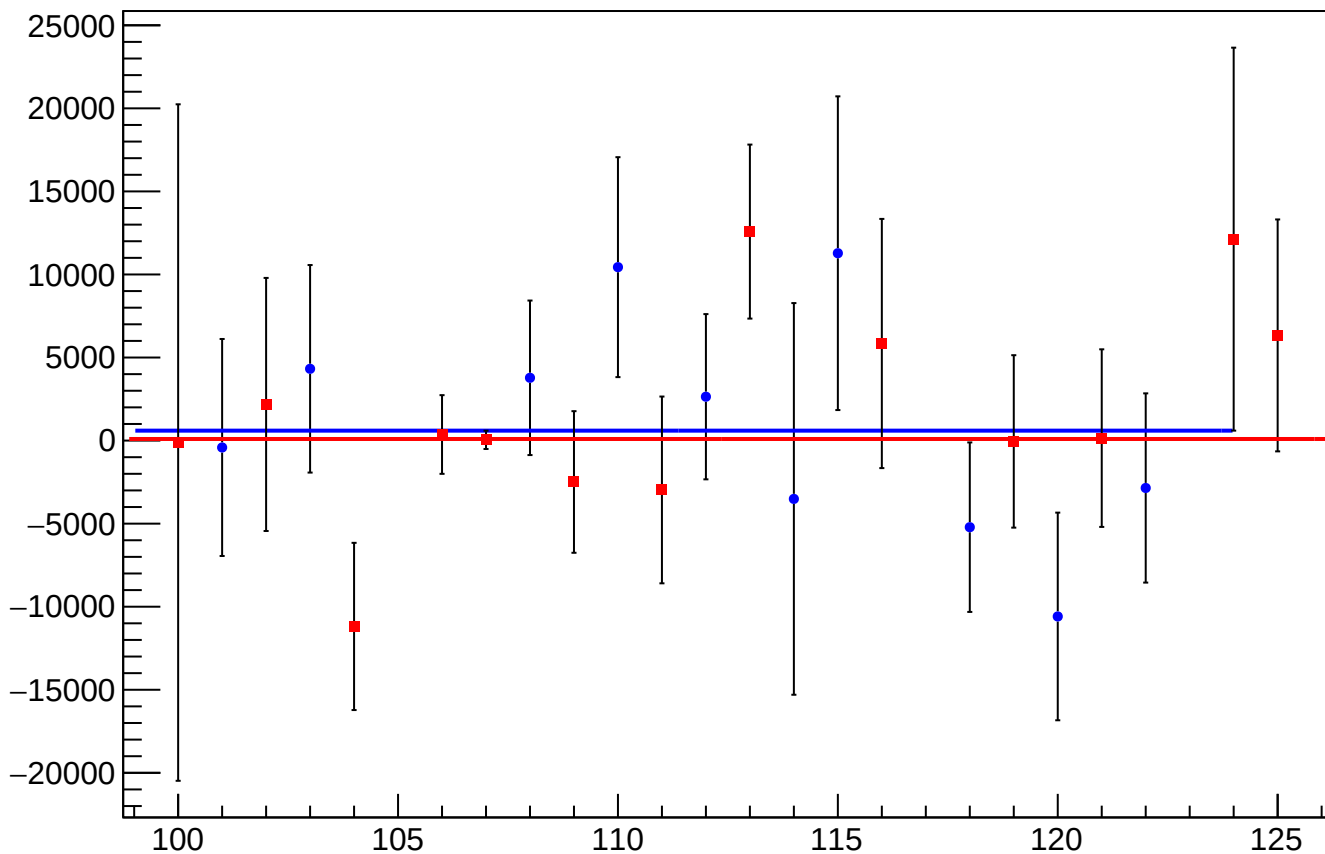
Right: 1908.161+/-0.456 χ^2/NDF : 526643.7/22

In: 1891.072+/-0.669 χ^2/NDF : 214698.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1908.161+/-0.456 χ^2/NDF : 526643.7/22

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: 96.390 $\pm$ 514.382 χ^2 /NDF: 13.9/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

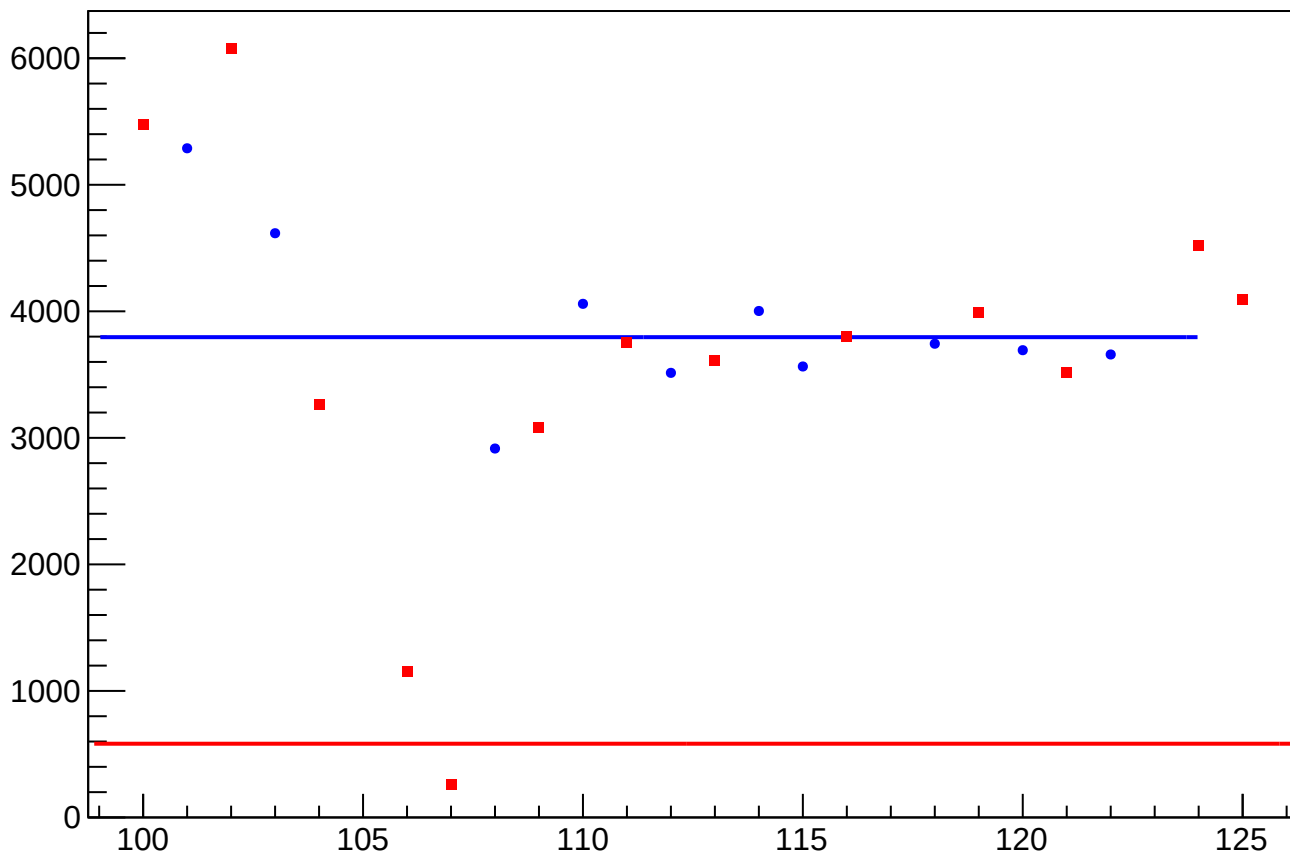
Right: 130.087 $\pm$ 496.827 χ^2 /NDF: 23.5/22

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: 130.087 $\pm$ 496.827 χ^2 /NDF: 23.5/22

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: 582.695+/-0.364 χ^2/NDF : 7075369.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

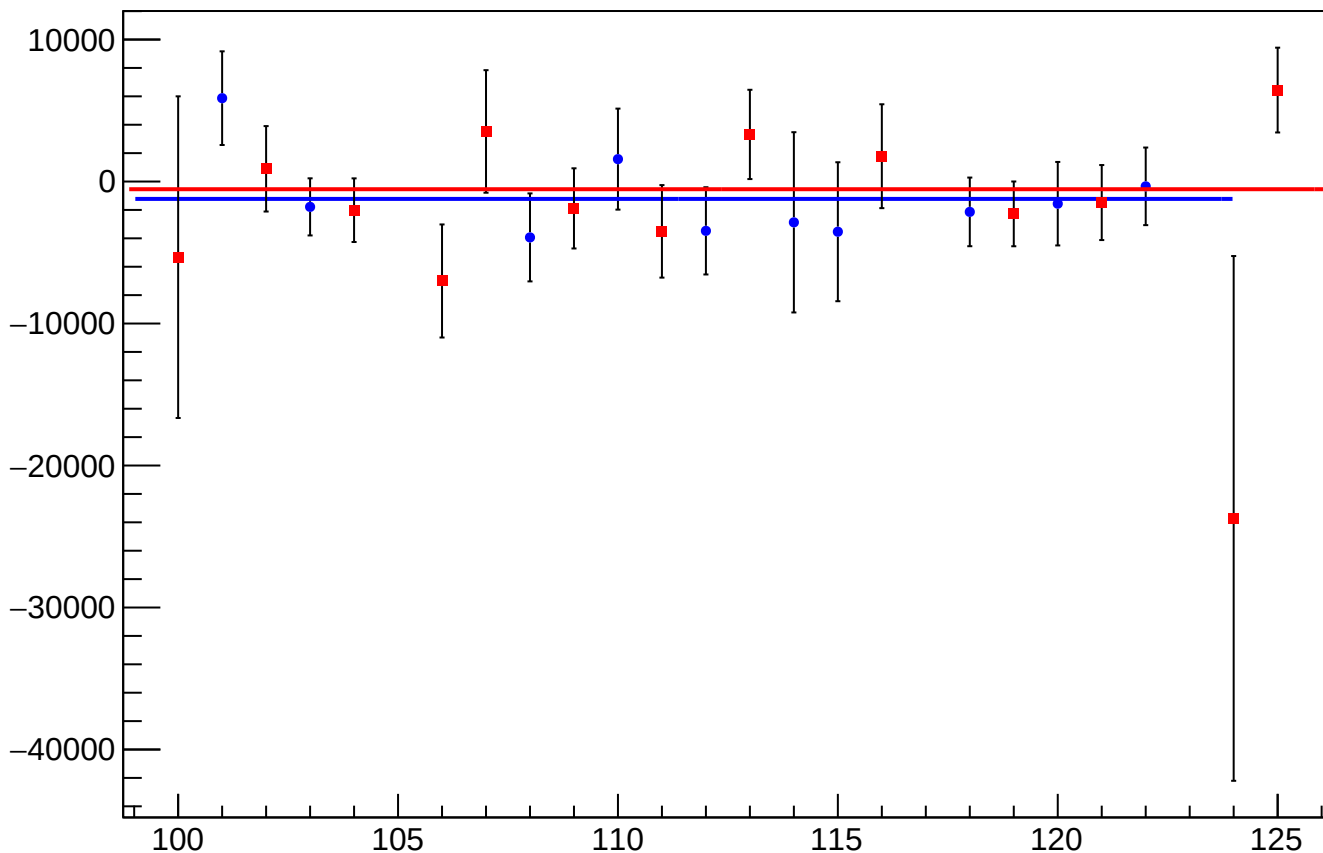
Right: 798.269+/-0.351 χ^2/NDF : 12535054.2/22

In: 3795.769+/-1.356 χ^2/NDF :223994.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 798.269+/-0.351 χ^2/NDF : 12535054.2/22

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: -540.791+/-883.731 χ^2/NDF : 15.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

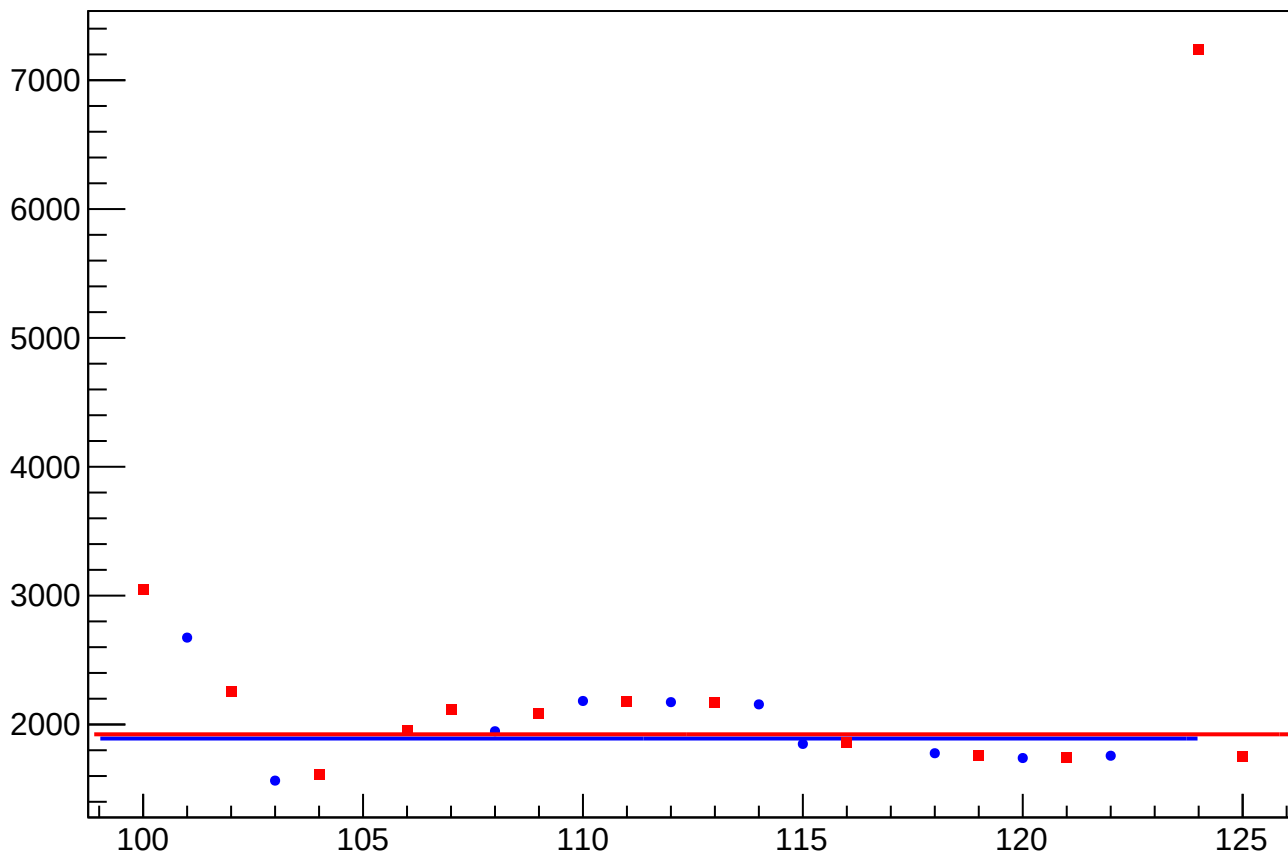
Right: -858.701+/-646.030 χ^2/NDF : 22.5/22

In: -1223.585+/-946.772 χ^2/NDF : 7.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -858.701+/-646.030 χ^2/NDF : 22.5/22

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: 1923.682+/-0.623 χ^2/NDF : 310823.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

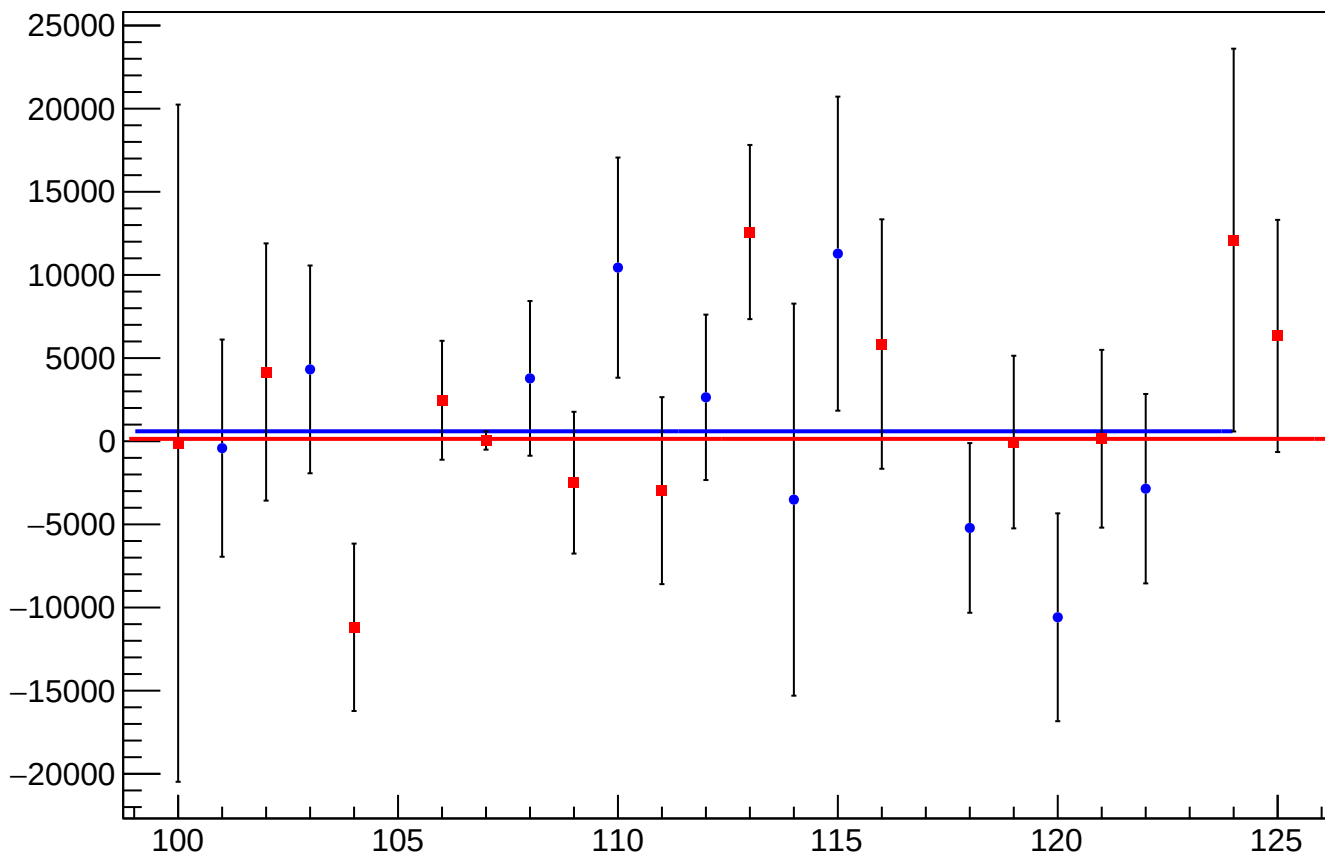
Right: 1908.552+/-0.456 χ^2/NDF : 526793.0/22

In: 1891.073+/-0.669 χ^2/NDF :214697.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1908.552+/-0.456 χ^2/NDF : 526793.0/22

asym_atl1r2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 598.561+/-1918.099 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 141.783+/-521.329 χ^2/NDF : 14.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

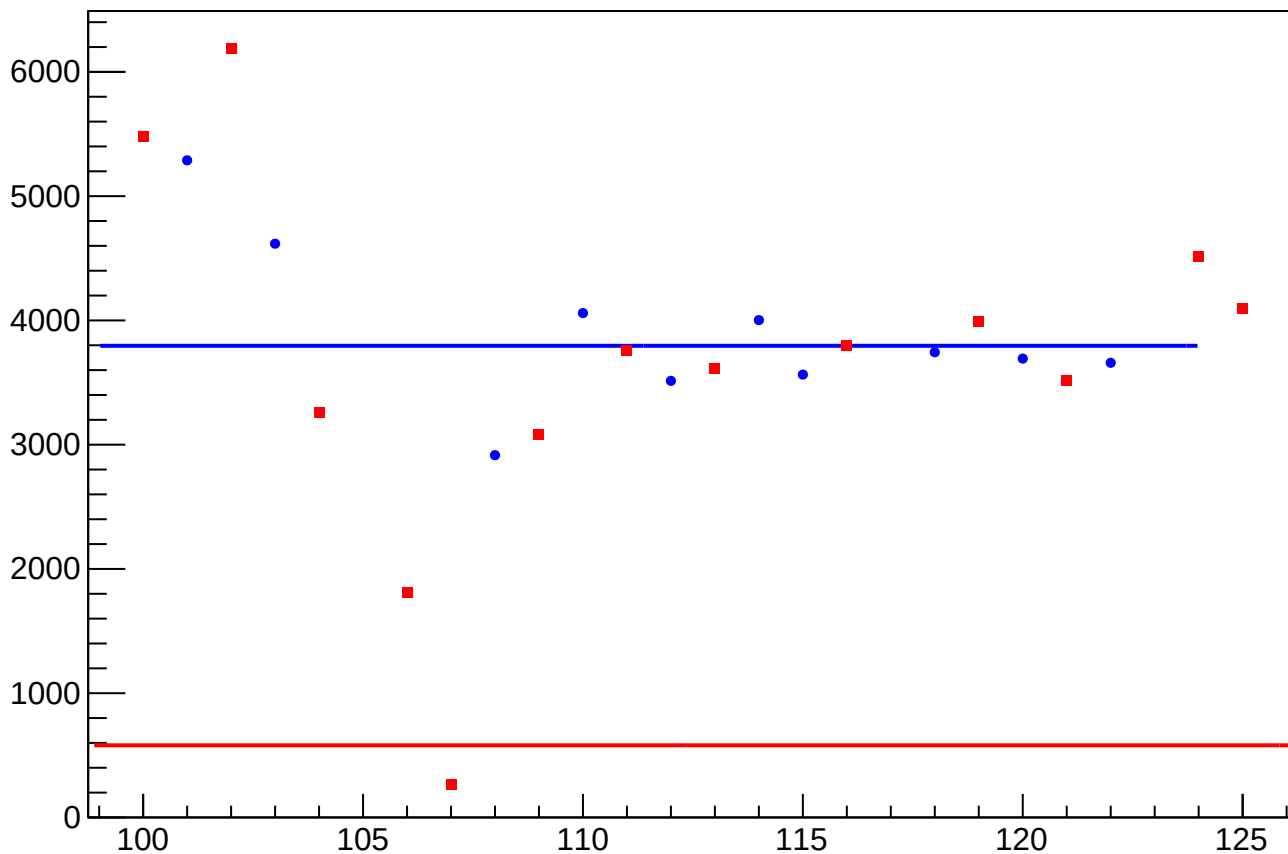
Right: 173.205+/-503.078 χ^2/NDF : 24.1/22

In: 598.561+/-1918.099 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.205+/-503.078 χ^2/NDF : 24.1/22

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: 580.665+/-0.369 χ^2/NDF : 7203240.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

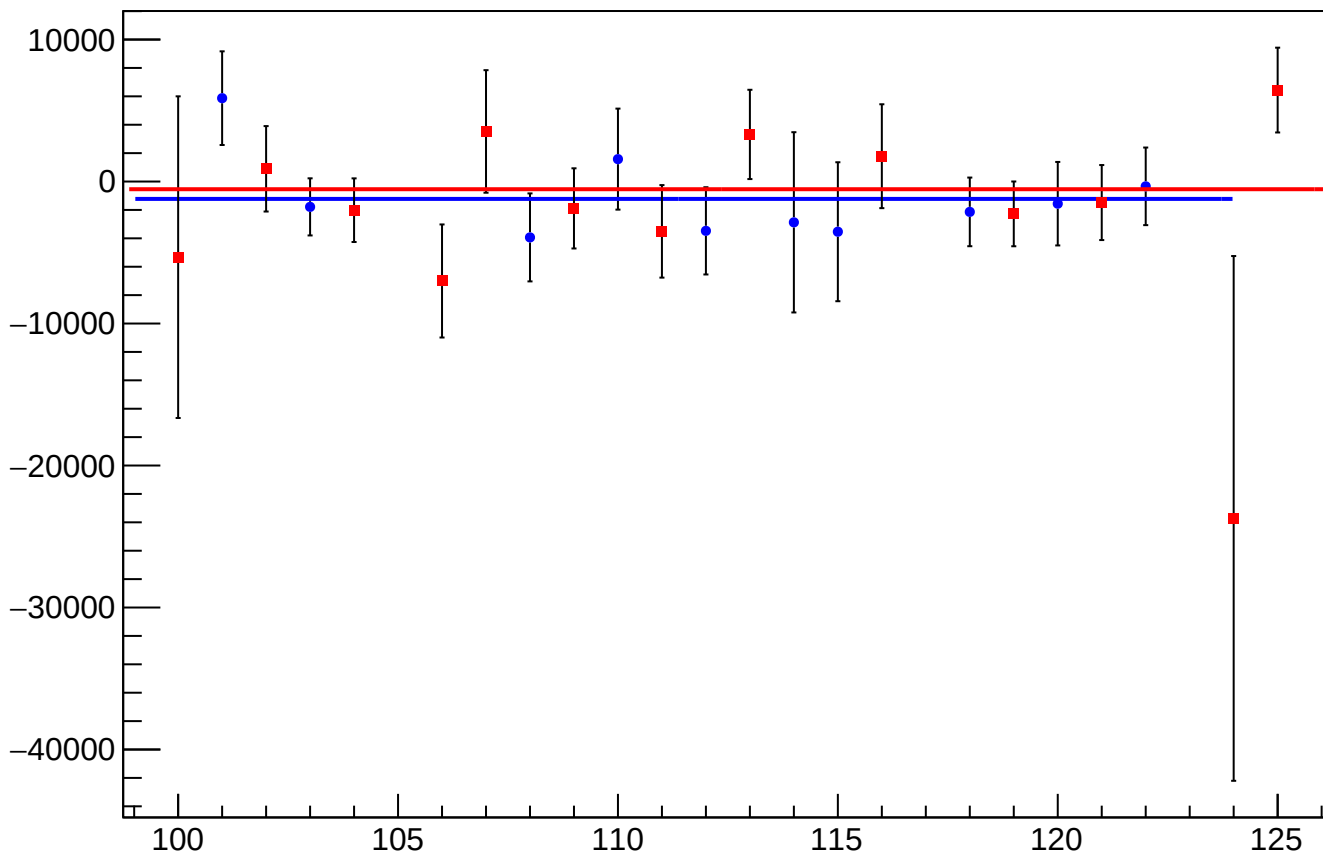
Right: 801.835+/-0.356 χ^2/NDF : 12660003.2/22

In: 3795.784+/-1.356 χ^2/NDF : 224017.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 801.835+/-0.356 χ^2/NDF : 12660003.2/22

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: -540.791+/-883.731 χ^2/NDF : 15.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

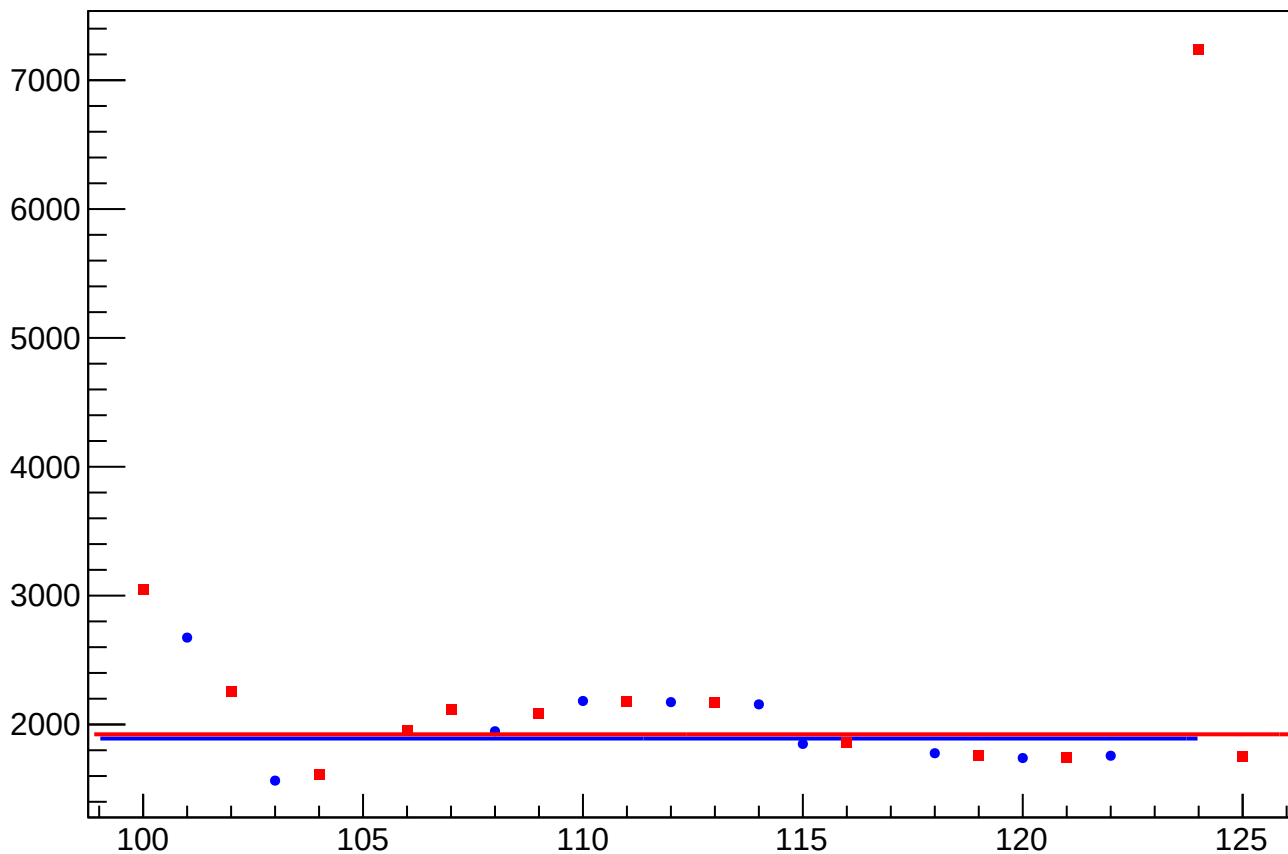
Right: -858.701+/-646.030 χ^2/NDF : 22.5/22

In: -1223.585+/-946.772 χ^2/NDF : 7.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -858.701+/-646.030 χ^2/NDF : 22.5/22

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: 1923.682+/-0.623 χ^2/NDF : 310823.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

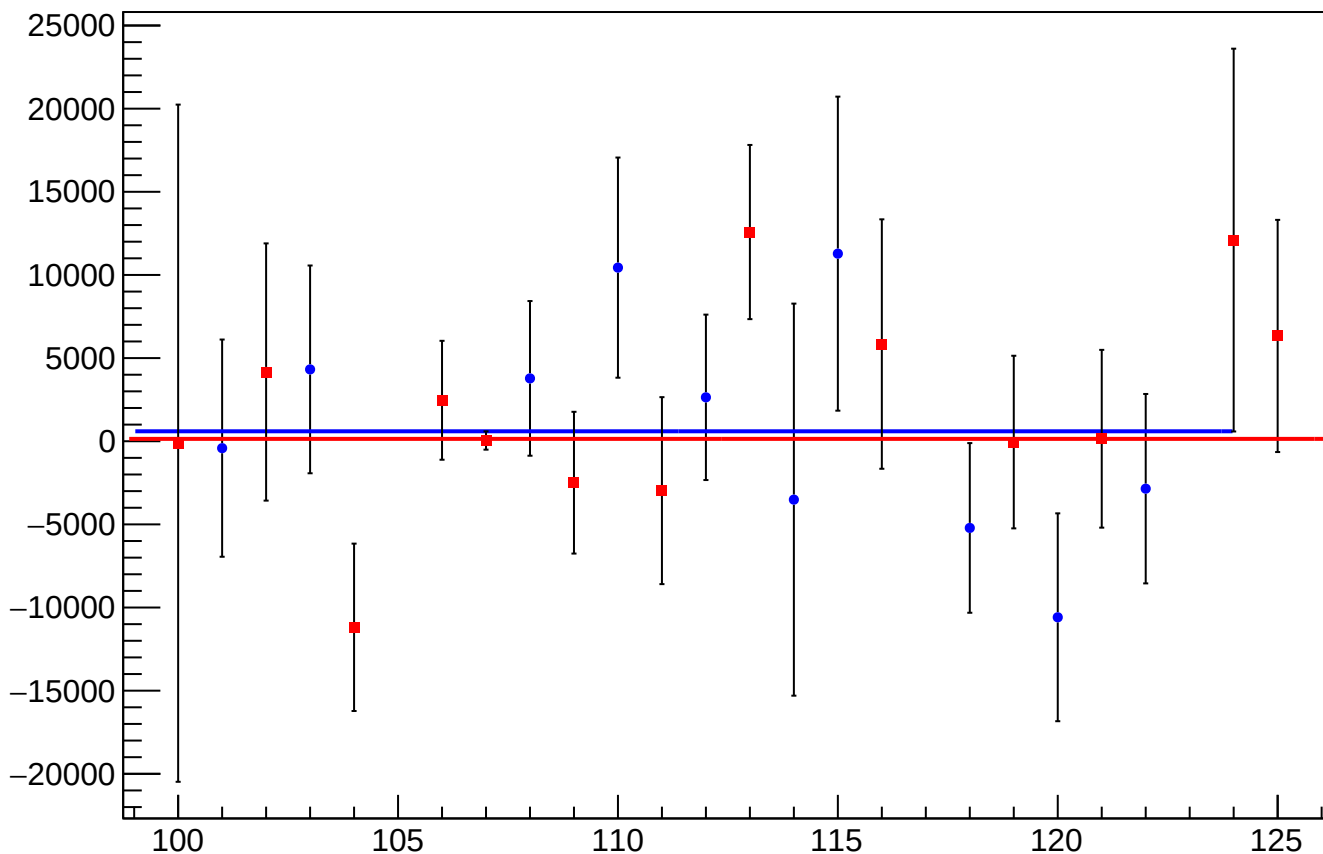
Right: 1908.552+/-0.456 χ^2/NDF : 526793.0/22

In: 1891.073+/-0.669 χ^2/NDF : 214697.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1908.552+/-0.456 χ^2/NDF : 526793.0/22

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: 141.783+/-521.329 χ^2/NDF : 14.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

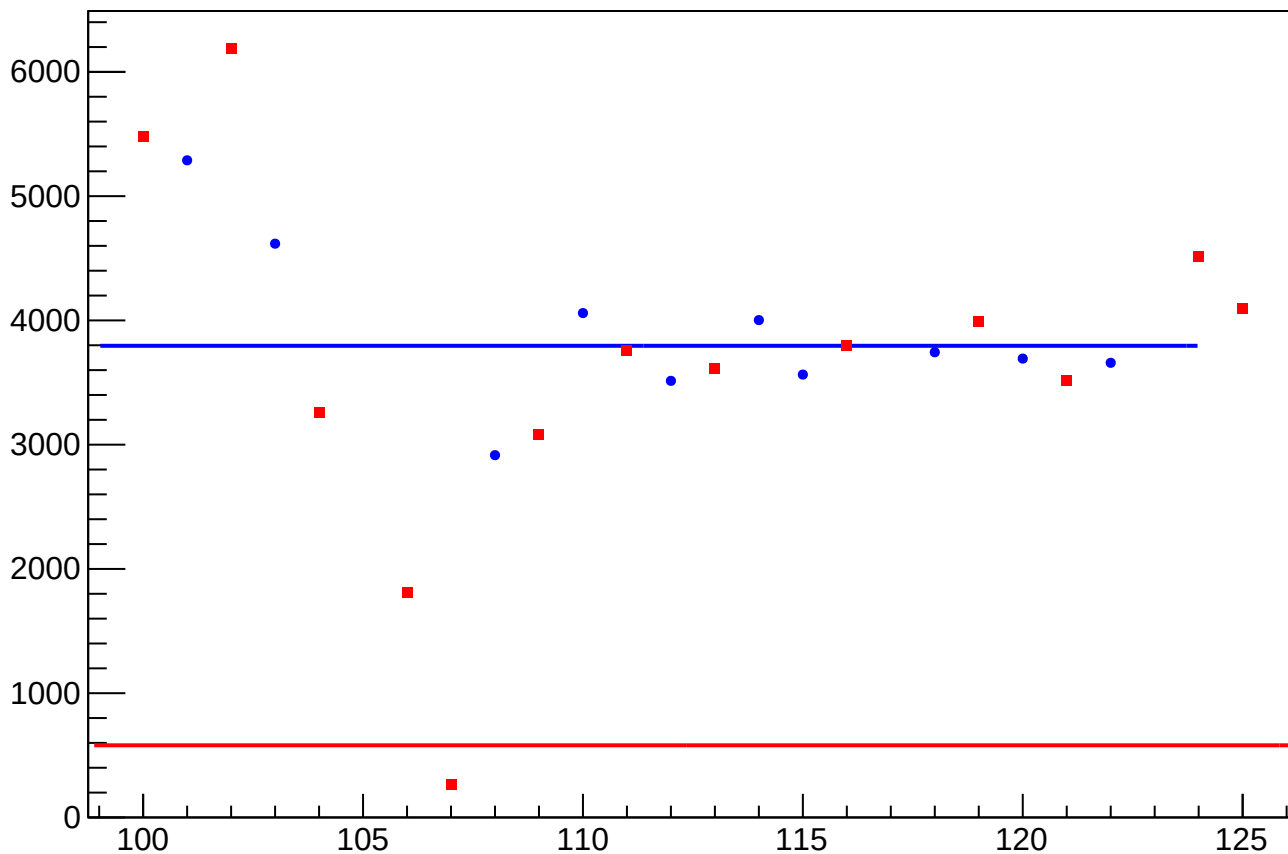
Right: 173.205+/-503.078 χ^2/NDF : 24.1/22

In: 598.561+/-1918.099 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.205+/-503.078 χ^2/NDF : 24.1/22

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: 580.665+/-0.369 χ^2/NDF : 7203240.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

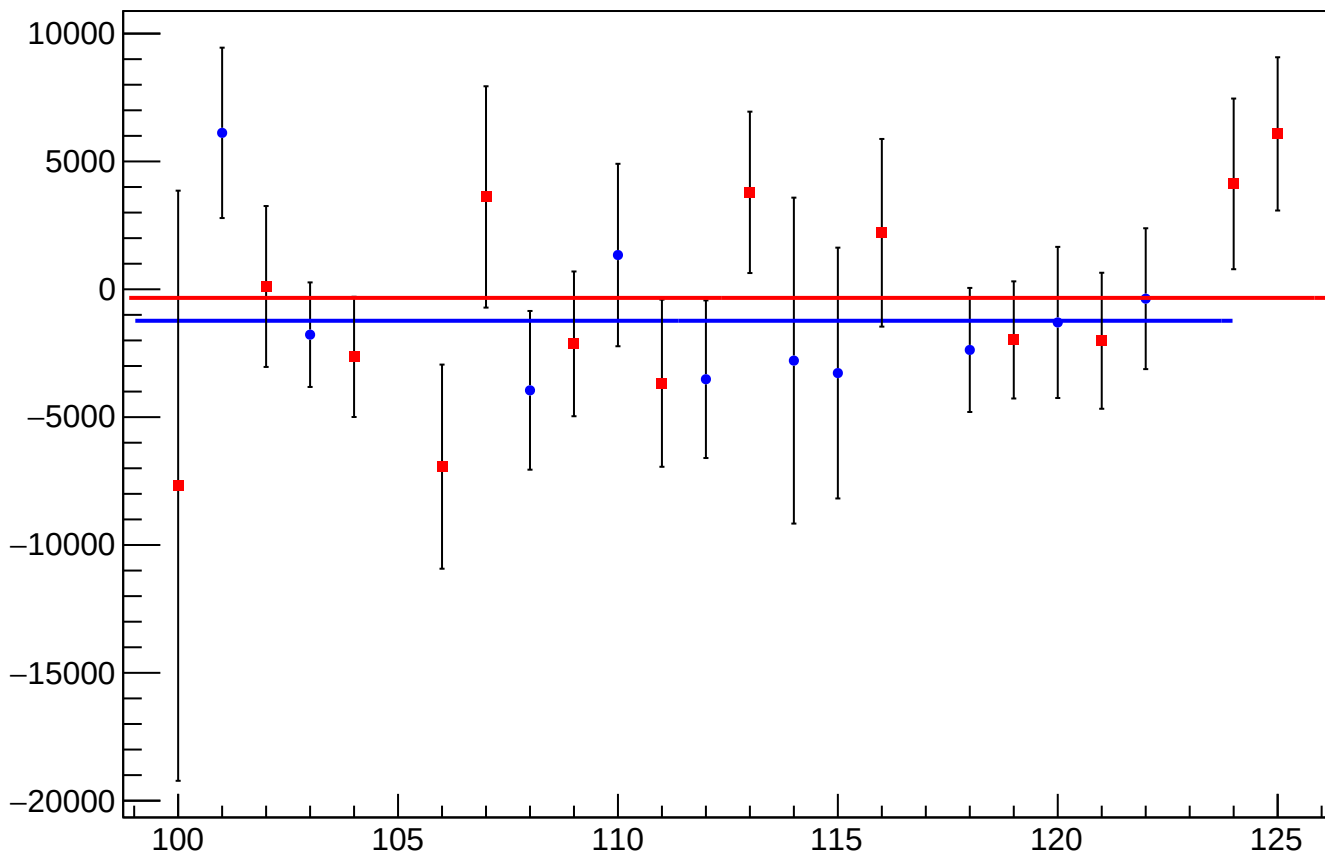
Right: 801.835+/-0.356 χ^2/NDF : 12660003.2/22

In: 3795.784+/-1.356 χ^2/NDF : 224017.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 801.835+/-0.356 χ^2/NDF : 12660003.2/22

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: -336.365+/-866.541 χ^2/NDF : 15.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

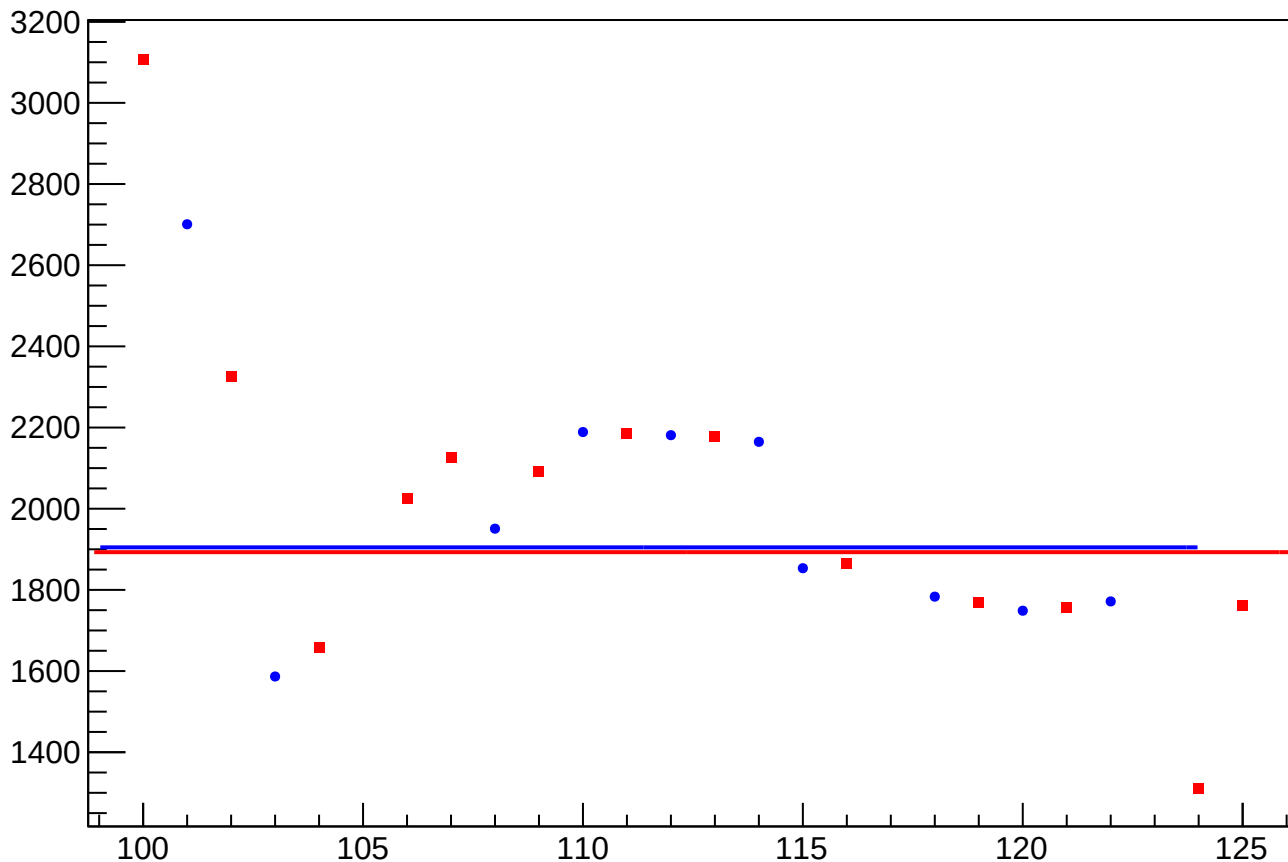
Right: -740.967+/-641.355 χ^2/NDF : 23.7/22

In: -1231.101+/-953.744 χ^2/NDF : 7.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -740.967+/-641.355 χ^2/NDF : 23.7/22

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: 1892.931+/-0.612 χ^2/NDF : 206510.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

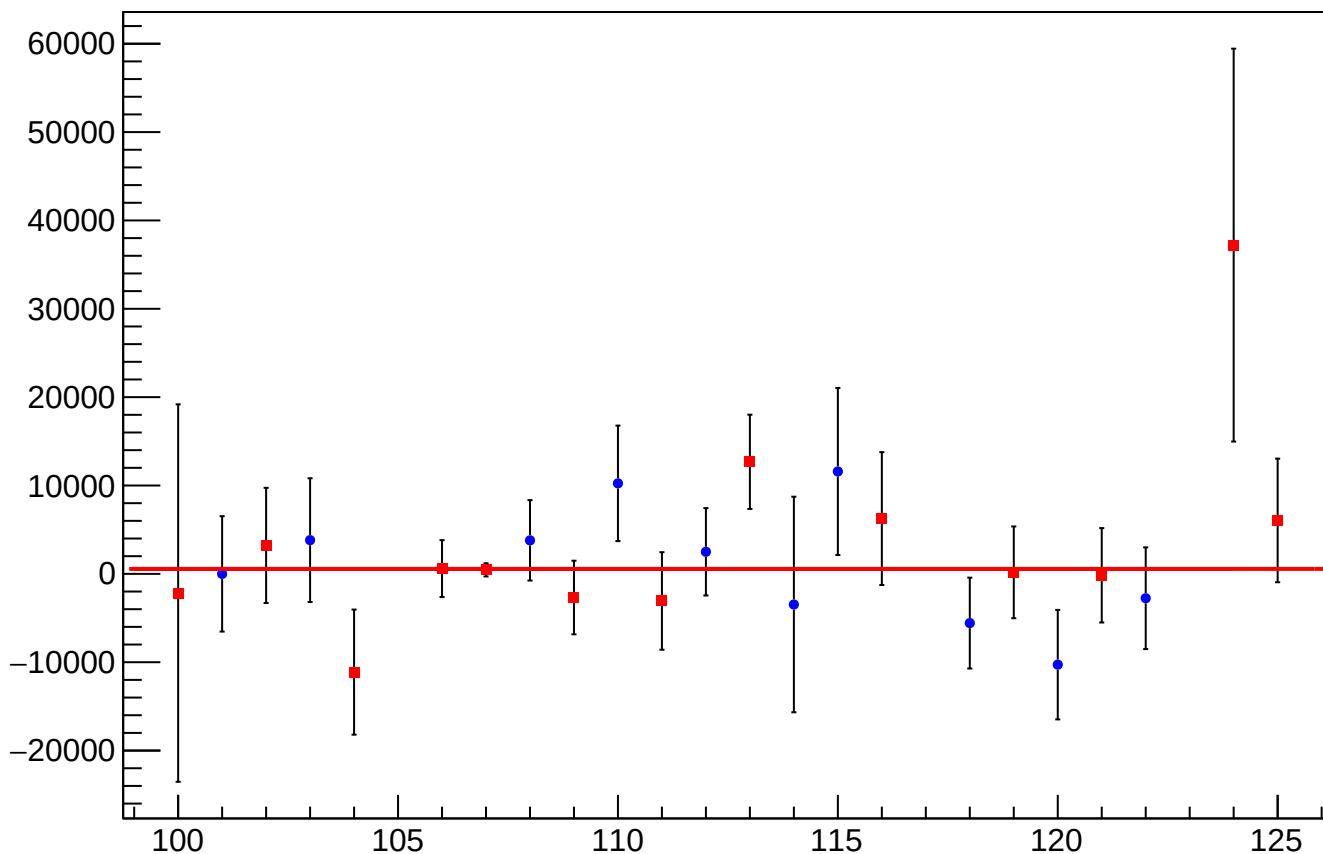
Right: 1898.291+/-0.453 χ^2/NDF : 417320.5/22

In: 1904.800+/-0.674 χ^2/NDF : 210640.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1898.291+/-0.453 χ^2/NDF : 417320.5/22

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: 561.790+/-677.549 χ^2/NDF : 13.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

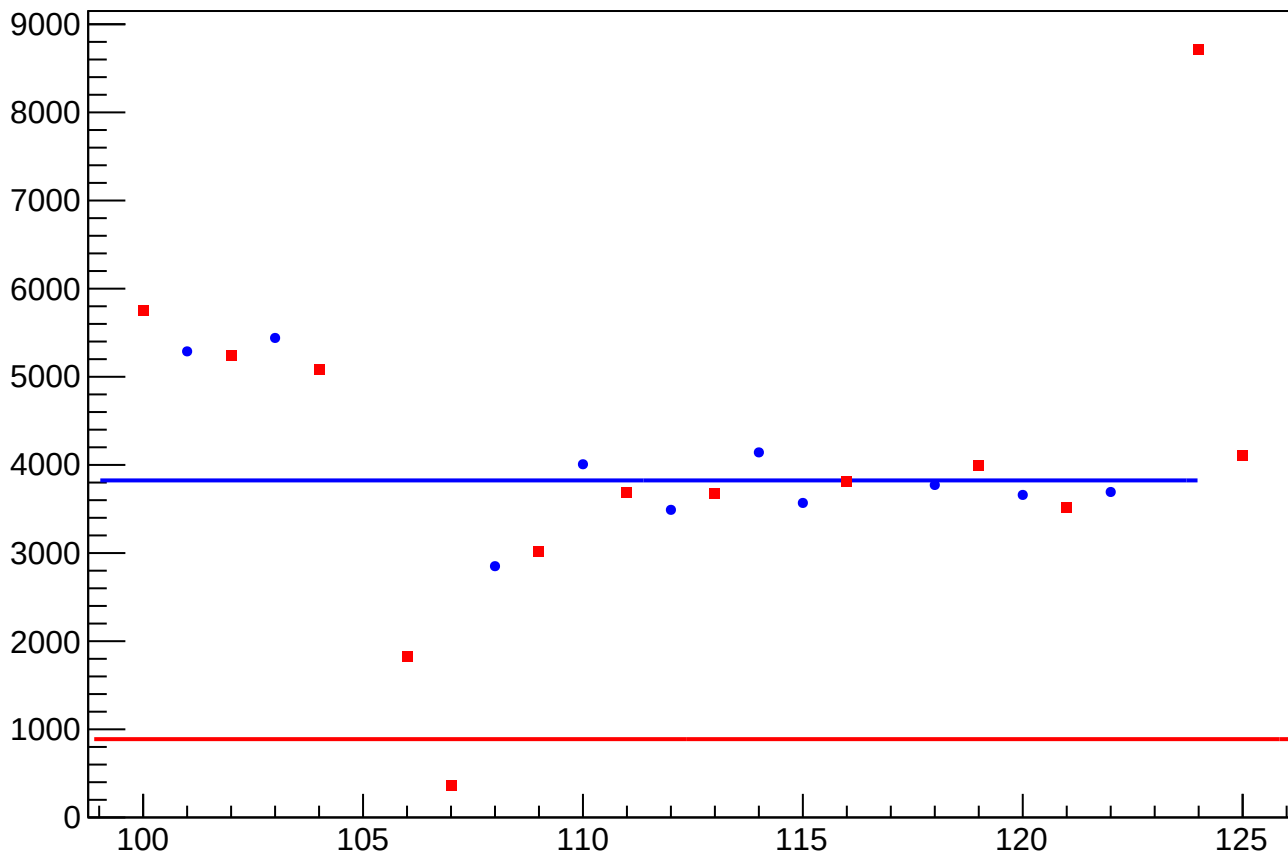
Right: 560.569+/-639.303 χ^2/NDF : 22.4/22

In: 550.659+/-1930.117 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 560.569+/-639.303 χ^2/NDF : 22.4/22

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: 888.564+/-0.479 χ^2/NDF : 6597473.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

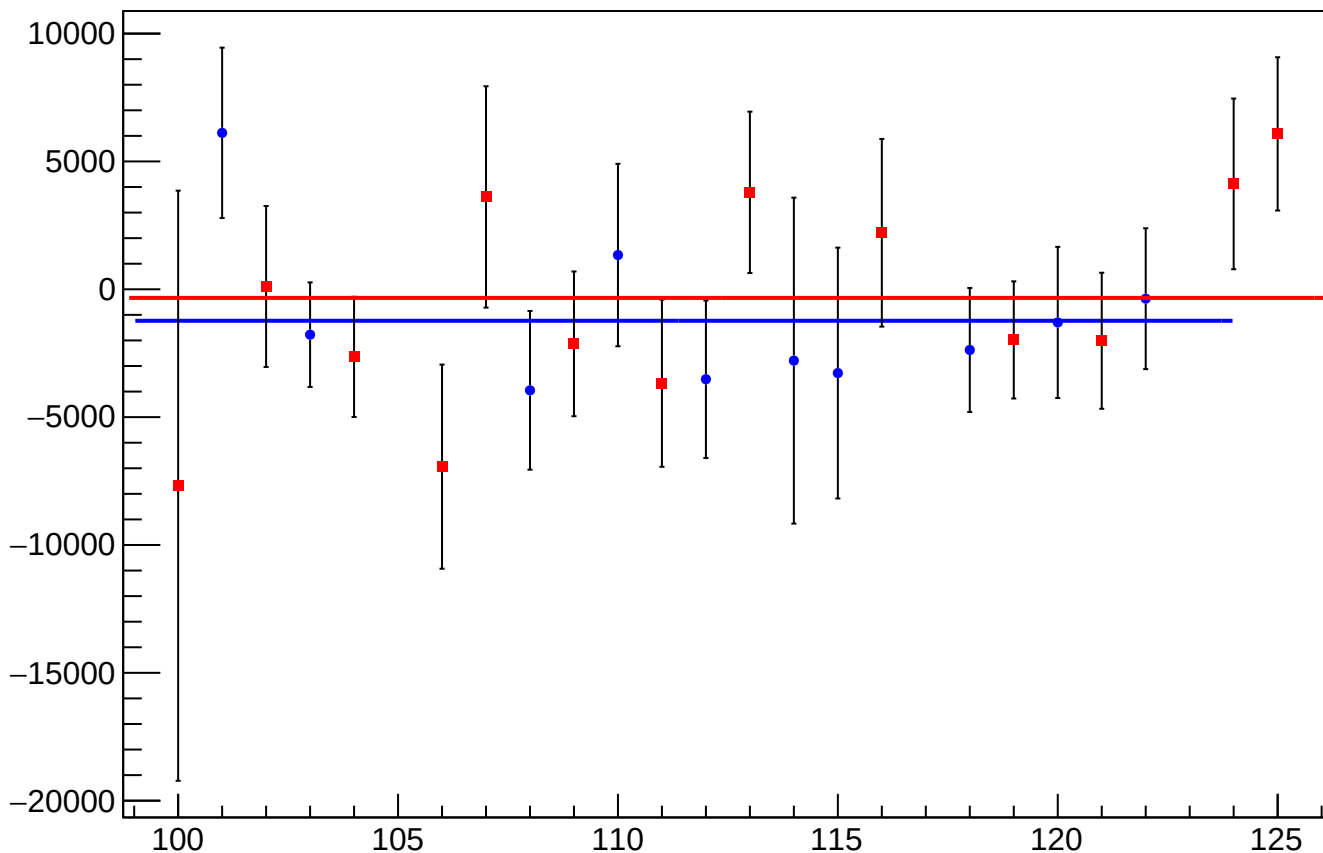
Right: 1210.634+/-0.452 χ^2/NDF : 11031314.6/22

In: 3824.214+/-1.365 χ^2/NDF : 314736.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1210.634+/-0.452 χ^2/NDF : 11031314.6/22

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: -336.370+/-866.541 χ^2/NDF : 15.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

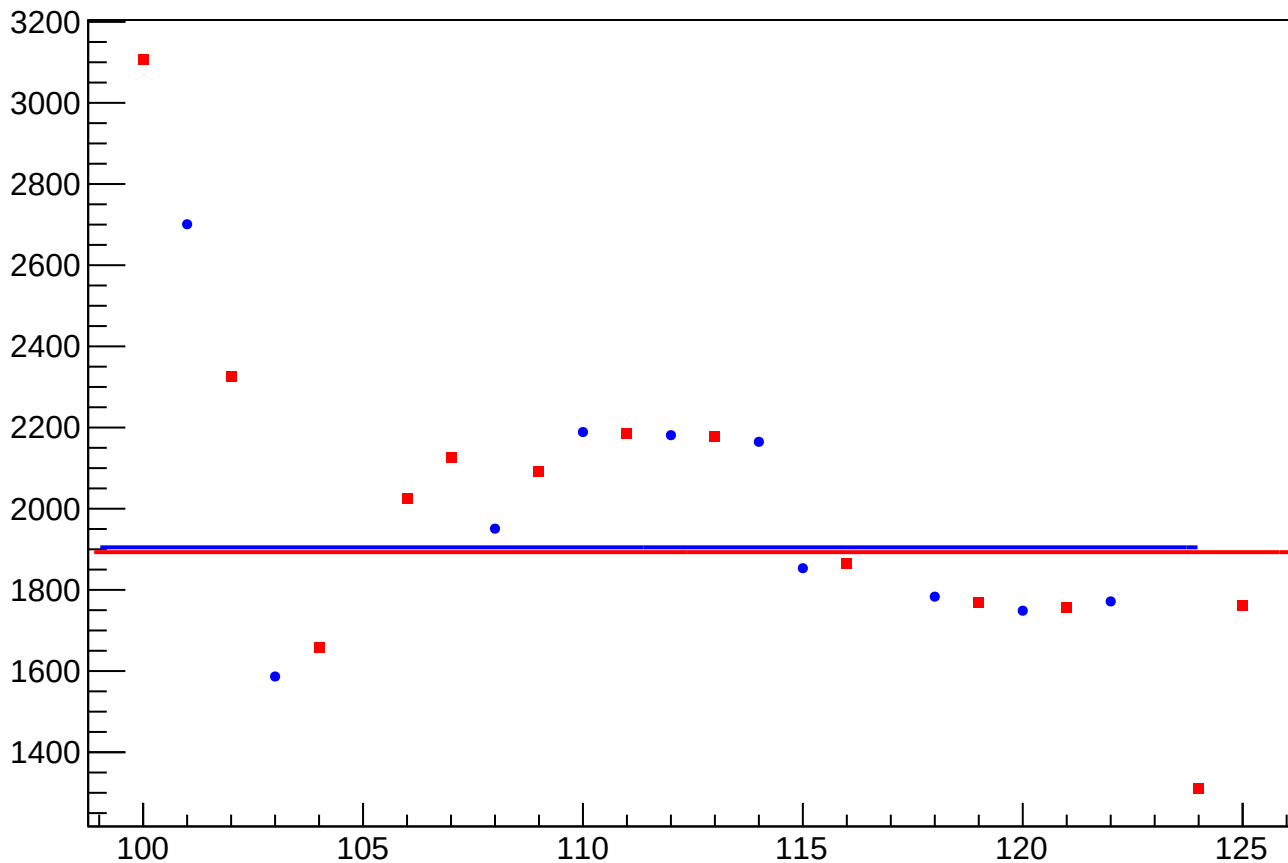
Right: -740.968+/-641.355 χ^2/NDF : 23.7/22

In: -1231.094+/-953.744 χ^2/NDF : 7.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -740.968+/-641.355 χ^2/NDF : 23.7/22

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: 1892.931+/-0.612 χ^2/NDF : 206510.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

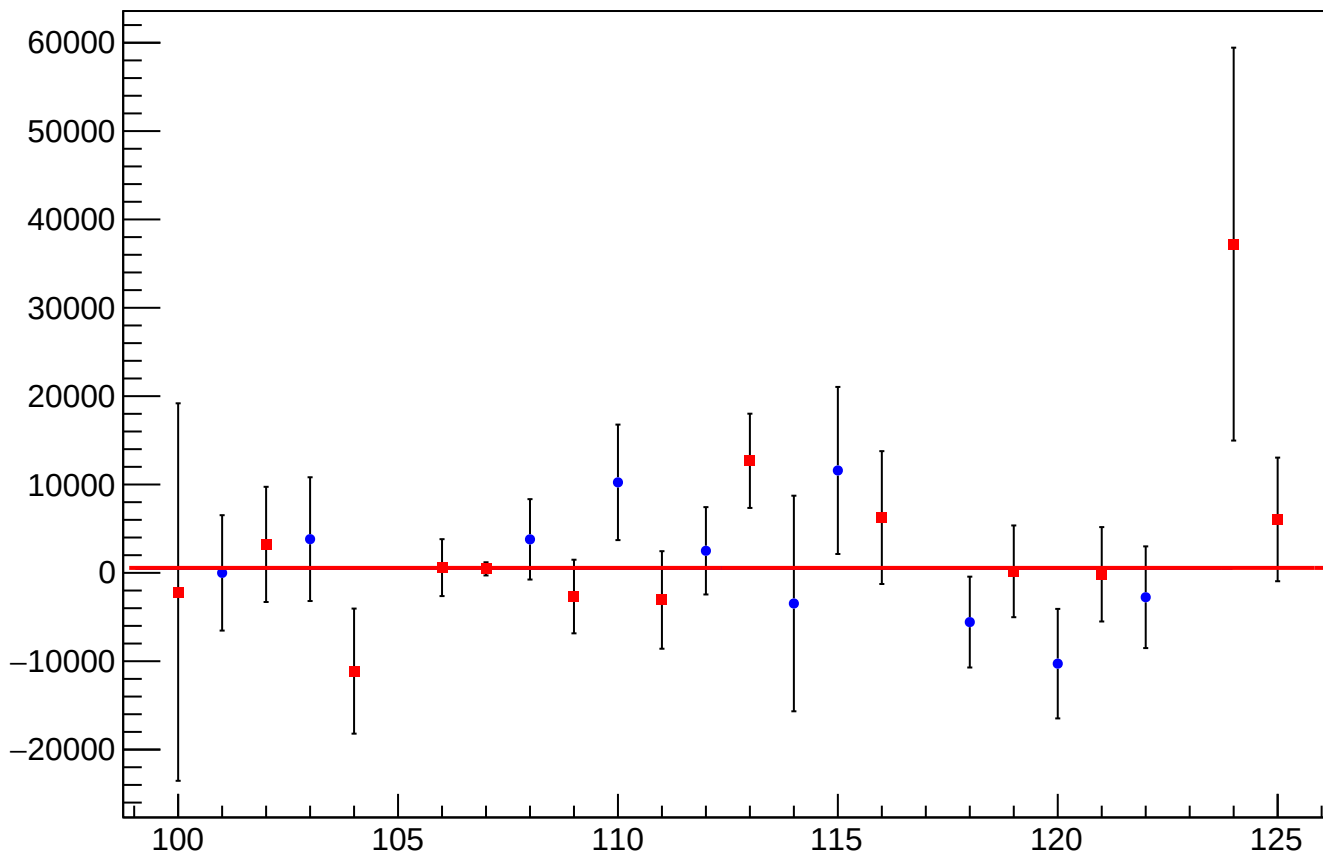
Right: 1898.291+/-0.453 χ^2/NDF : 417320.9/22

In: 1904.800+/-0.674 χ^2/NDF : 210640.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1898.291+/-0.453 χ^2/NDF : 417320.9/22

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: 561.800+/-677.561 χ^2/NDF : 13.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

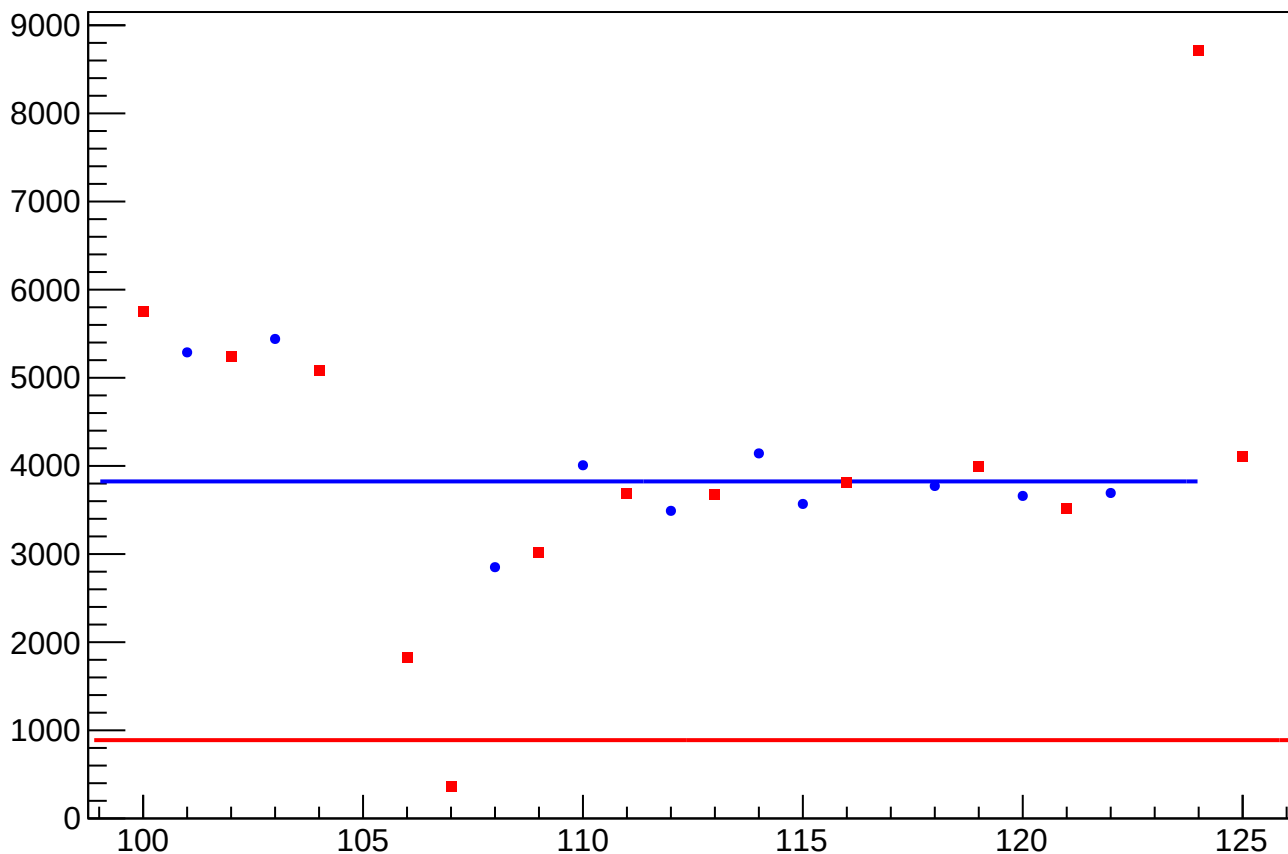
Right: 560.577+/-639.313 χ^2/NDF : 22.4/22

In: 550.649+/-1930.112 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 560.577+/-639.313 χ^2/NDF : 22.4/22

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: 888.590+/-0.479 χ^2/NDF : 6597394.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

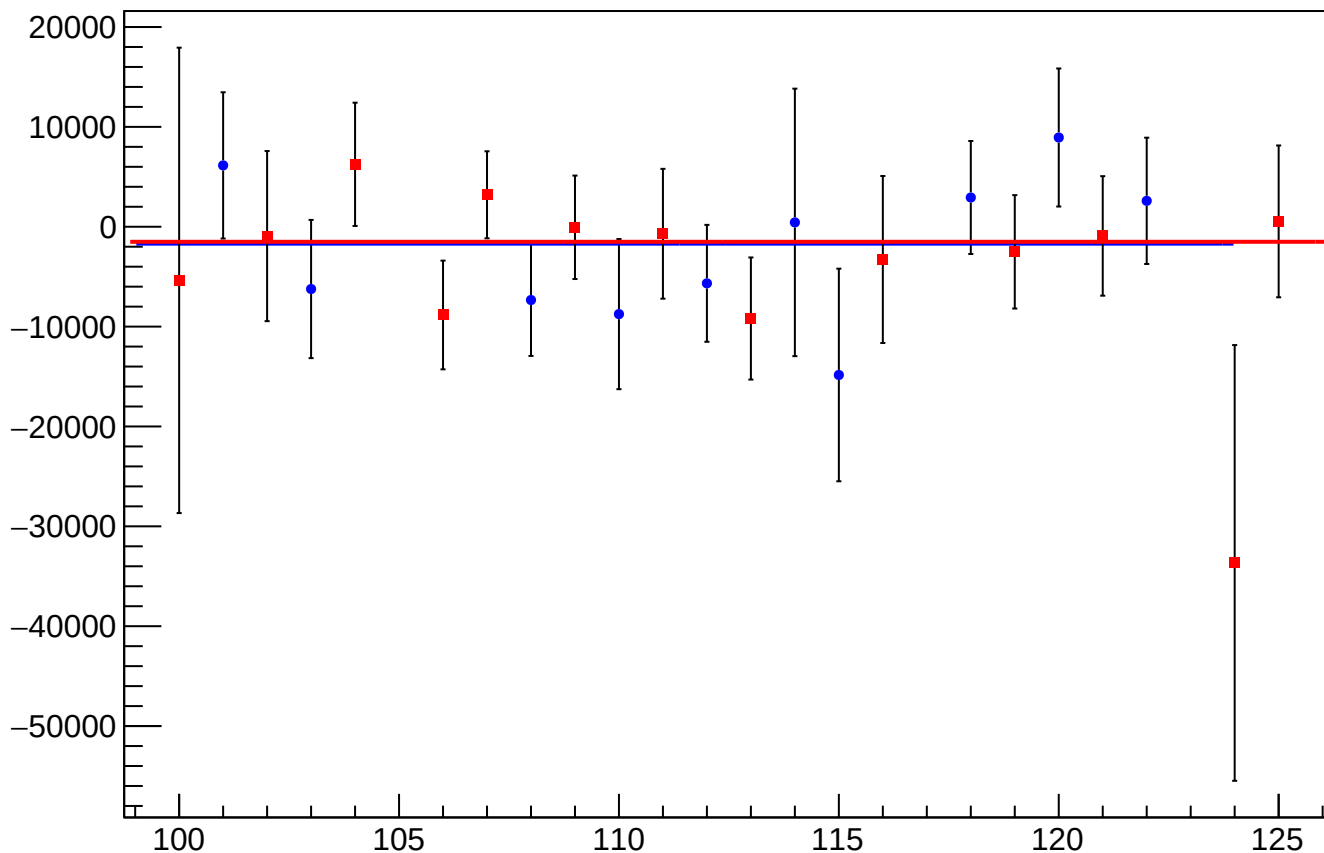
Right: 1210.668+/-0.452 χ^2/NDF : 11031139.2/22

In: 3824.205+/-1.365 χ^2/NDF : 314736.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1210.668+/-0.452 χ^2/NDF : 11031139.2/22

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: -1507.115+/-1799.875 χ^2/NDF : 8.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

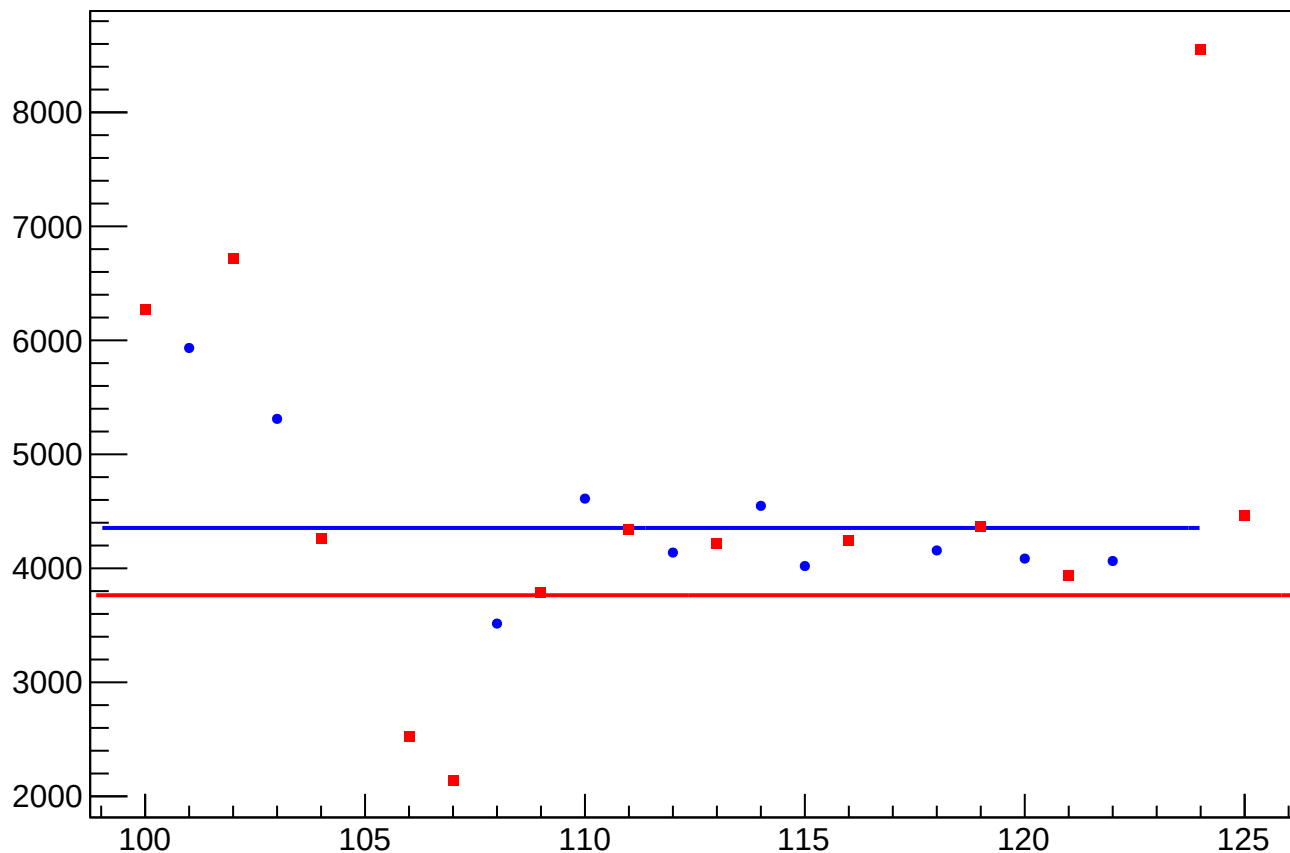
Right: -1581.869+/-1388.706 χ^2/NDF : 17.6/22

In: -1691.830+/-2182.948 χ^2/NDF : 9.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1581.869+/-1388.706 χ^2/NDF : 17.6/22

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: 3763.936+/-1.256 χ^2/NDF : 854790.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

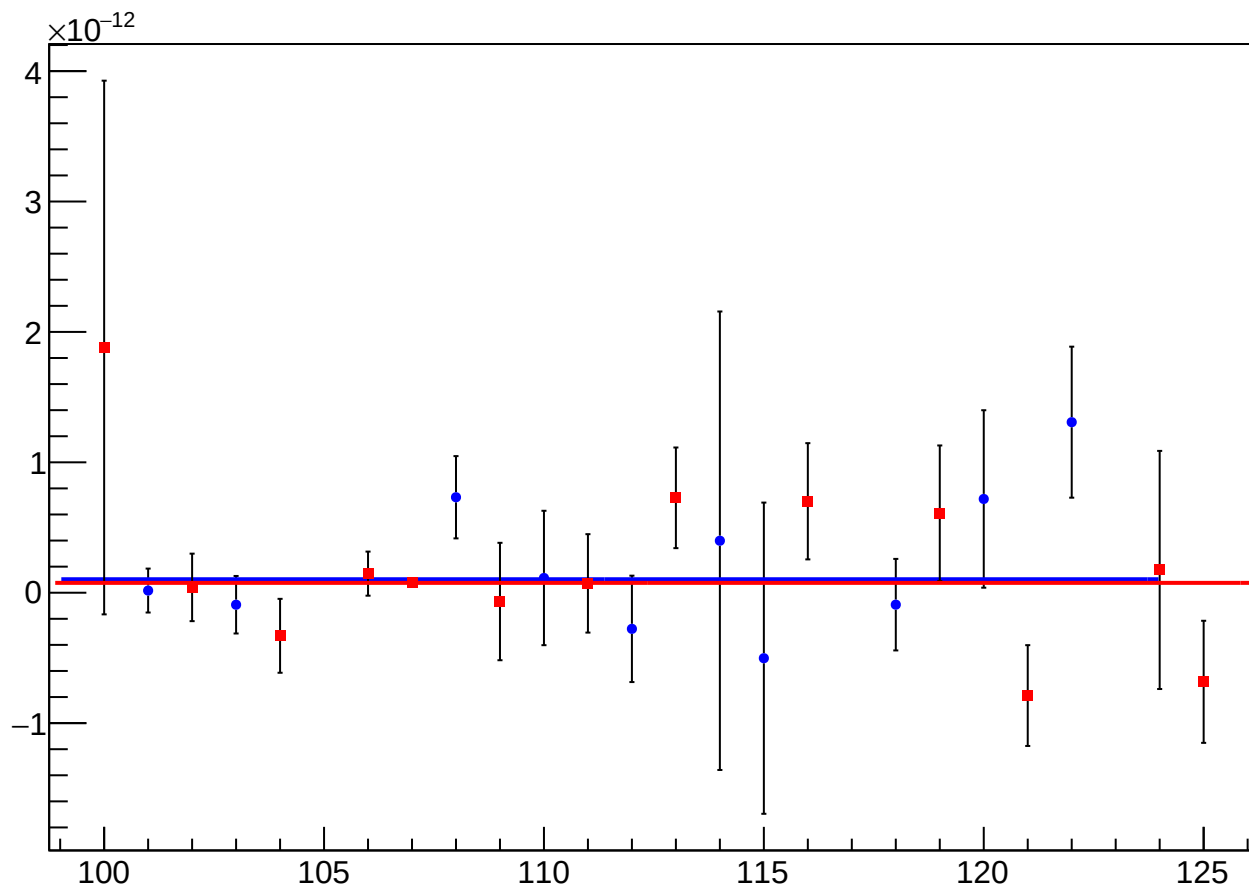
Right: 3999.028+/-0.974 χ^2/NDF : 1135992.0/22

In: 4354.264+/-1.544 χ^2/NDF : 193187.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3999.028+/-0.974 χ^2/NDF : 1135992.0/22

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 : 16.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

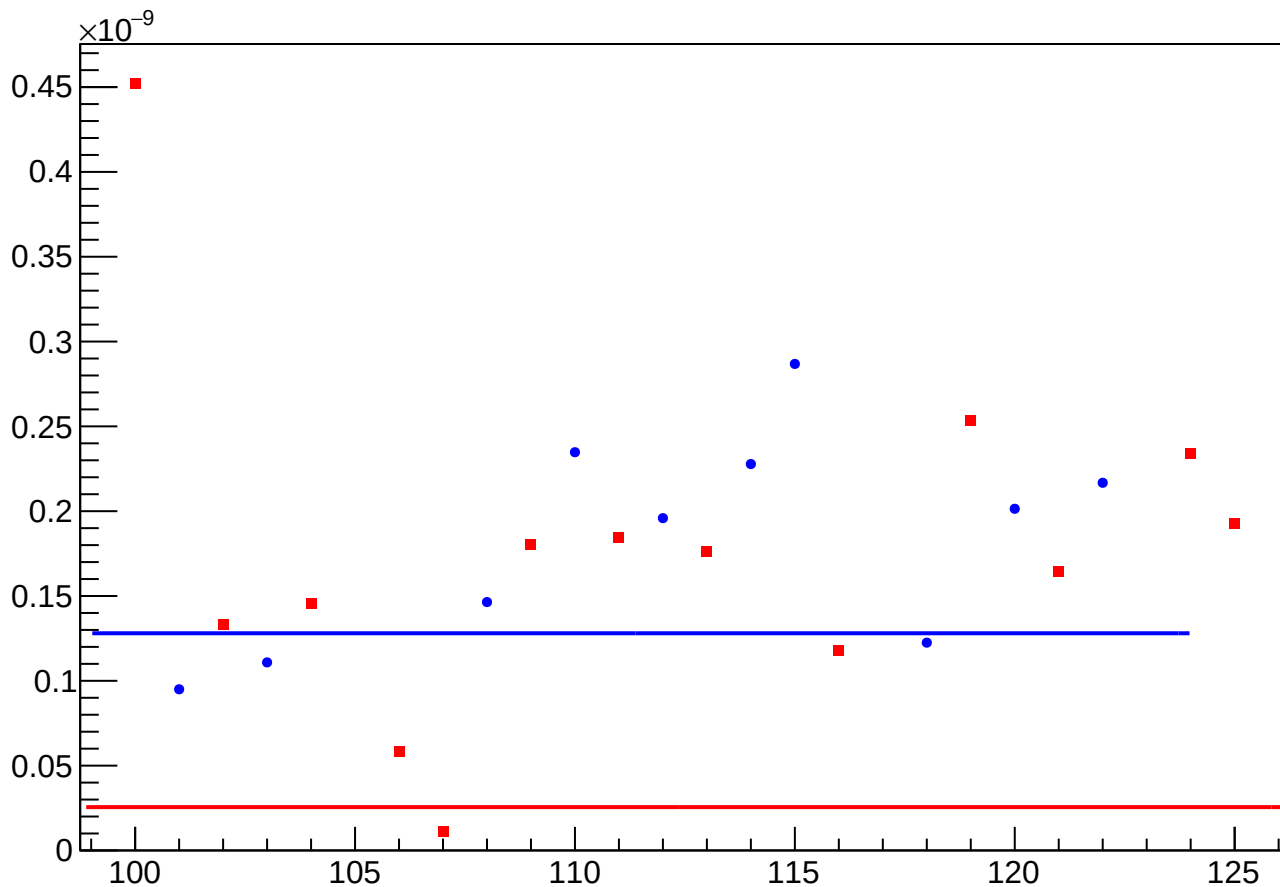
Right: 0.000+/-0.000 χ^2/NDF : 28.4/22

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 : 28.4/22

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 : 3148930.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

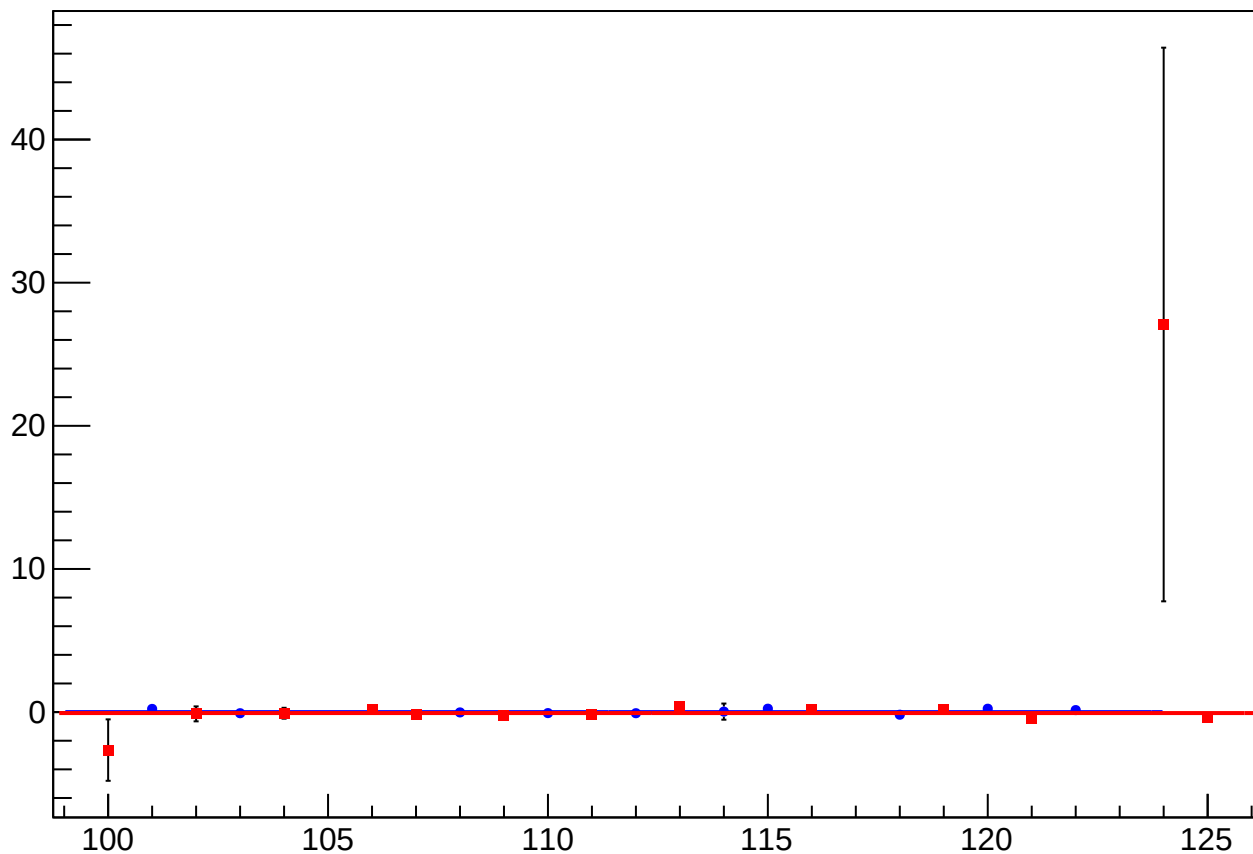
Right: 0.000+/-0.000 χ^2/NDF : 5203951.1/22

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 : 5203951.1/22

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: -0.067+/-0.072 χ^2/NDF : 15.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

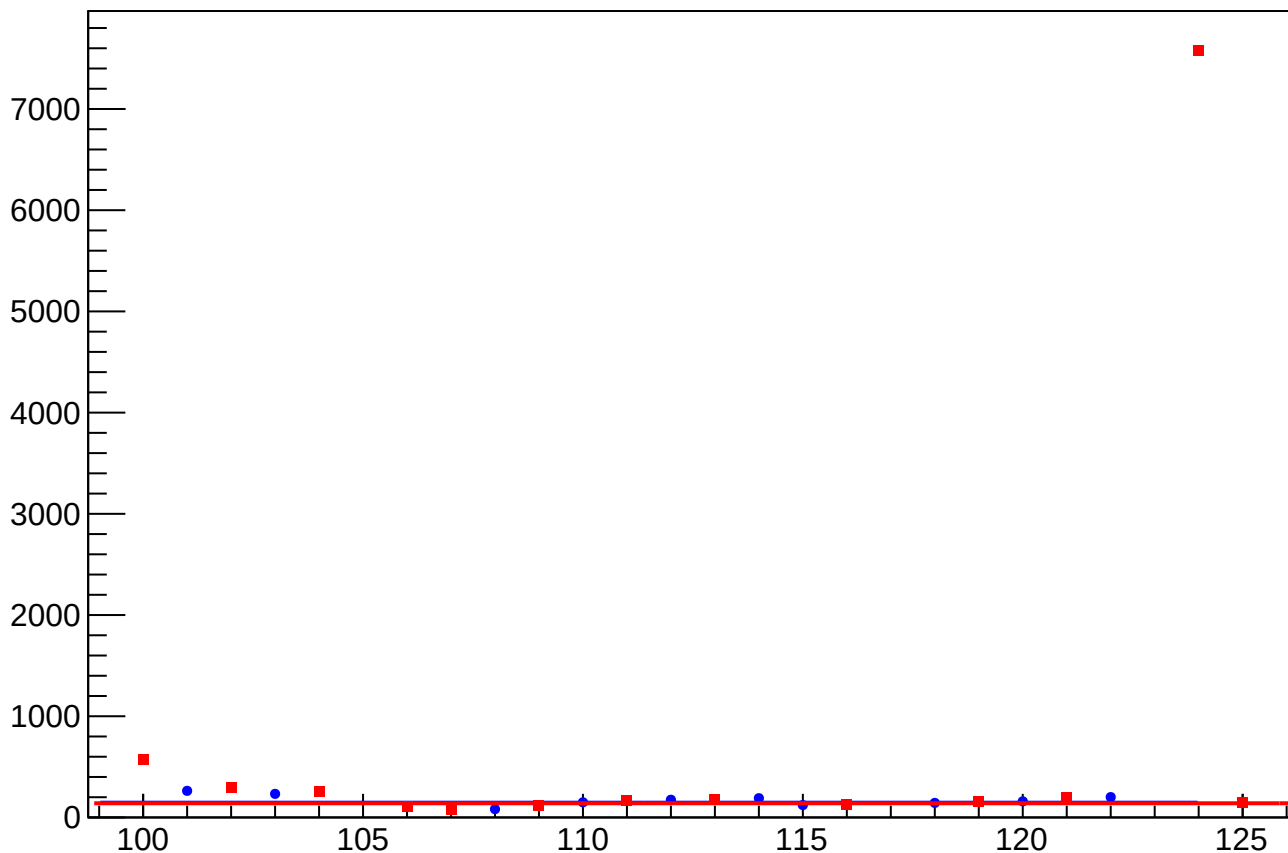
Right: -0.036+/-0.053 χ^2/NDF : 18.8/22

In: -0.001+/-0.079 χ^2/NDF : 3.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.036+/-0.053 χ^2/NDF : 18.8/22

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: 140.215+/-0.051 χ^2/NDF : 1177148.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

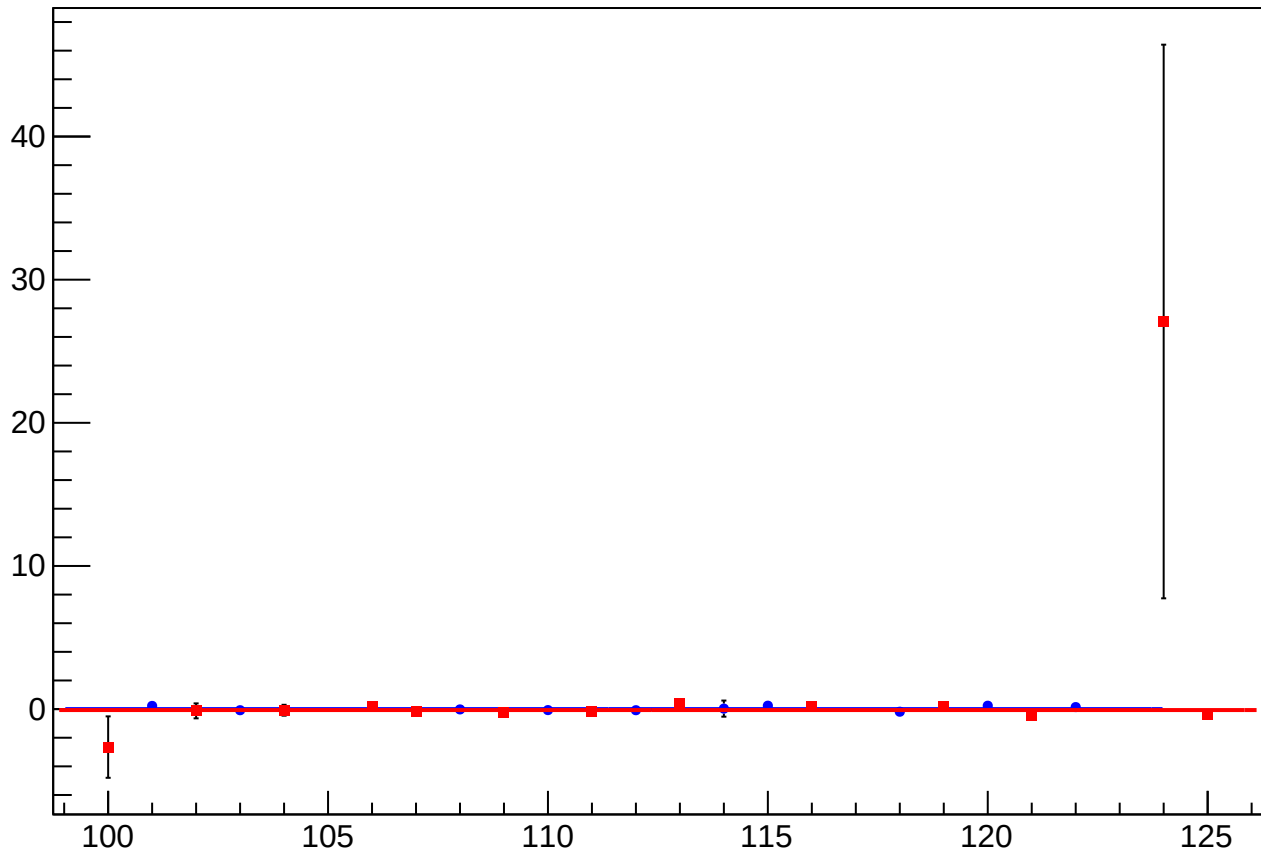
Right: 142.756+/-0.038 χ^2/NDF : 2091838.5/22

In: 145.778+/-0.056 χ^2/NDF : 909264.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.756+/-0.038 χ^2/NDF : 2091838.5/22

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: -0.067 ± 0.072 χ^2/NDF : 15.4/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

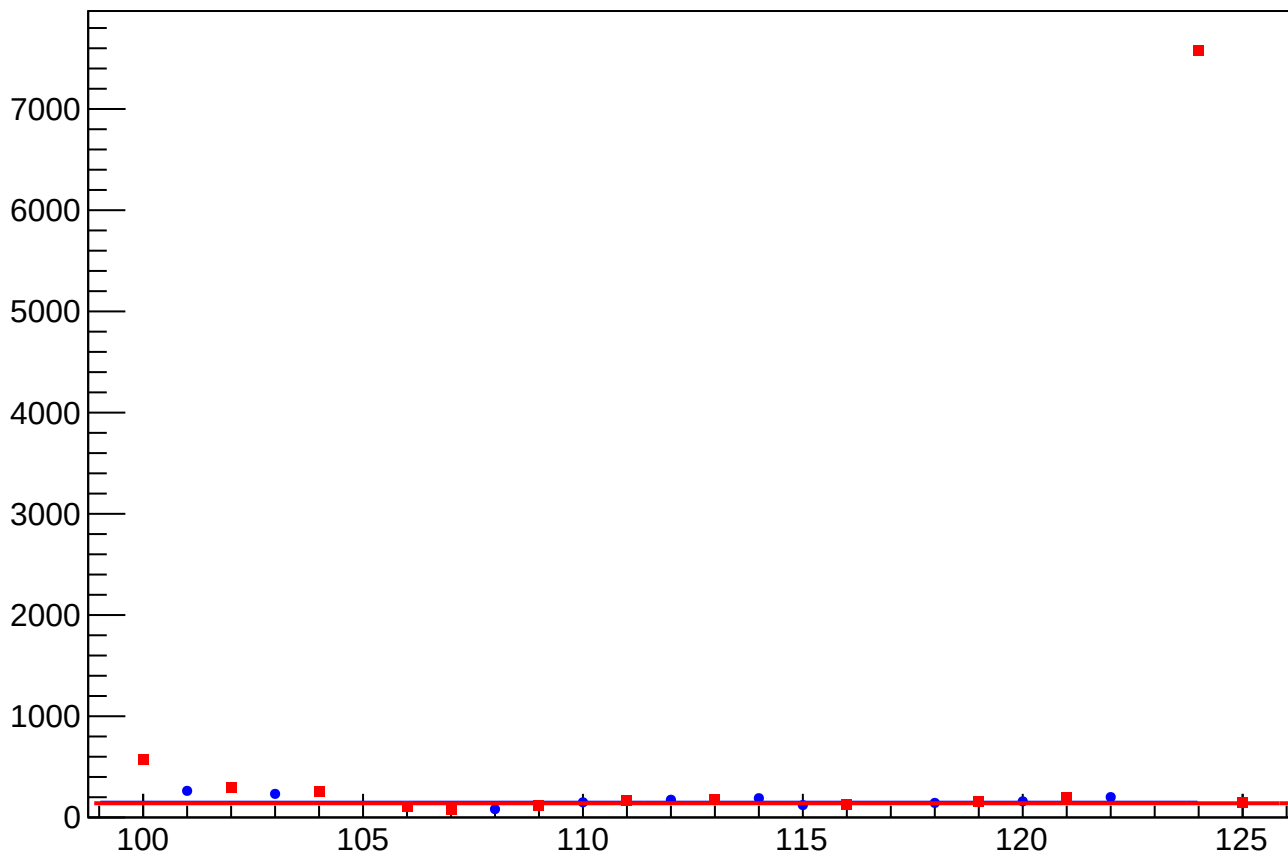
Right: -0.036 ± 0.053 χ^2/NDF : 18.8/22

In: -0.001 ± 0.079 χ^2/NDF : 3.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.036 ± 0.053 χ^2/NDF : 18.8/22

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: 140.215+/-0.051 χ^2/NDF : 1177148.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

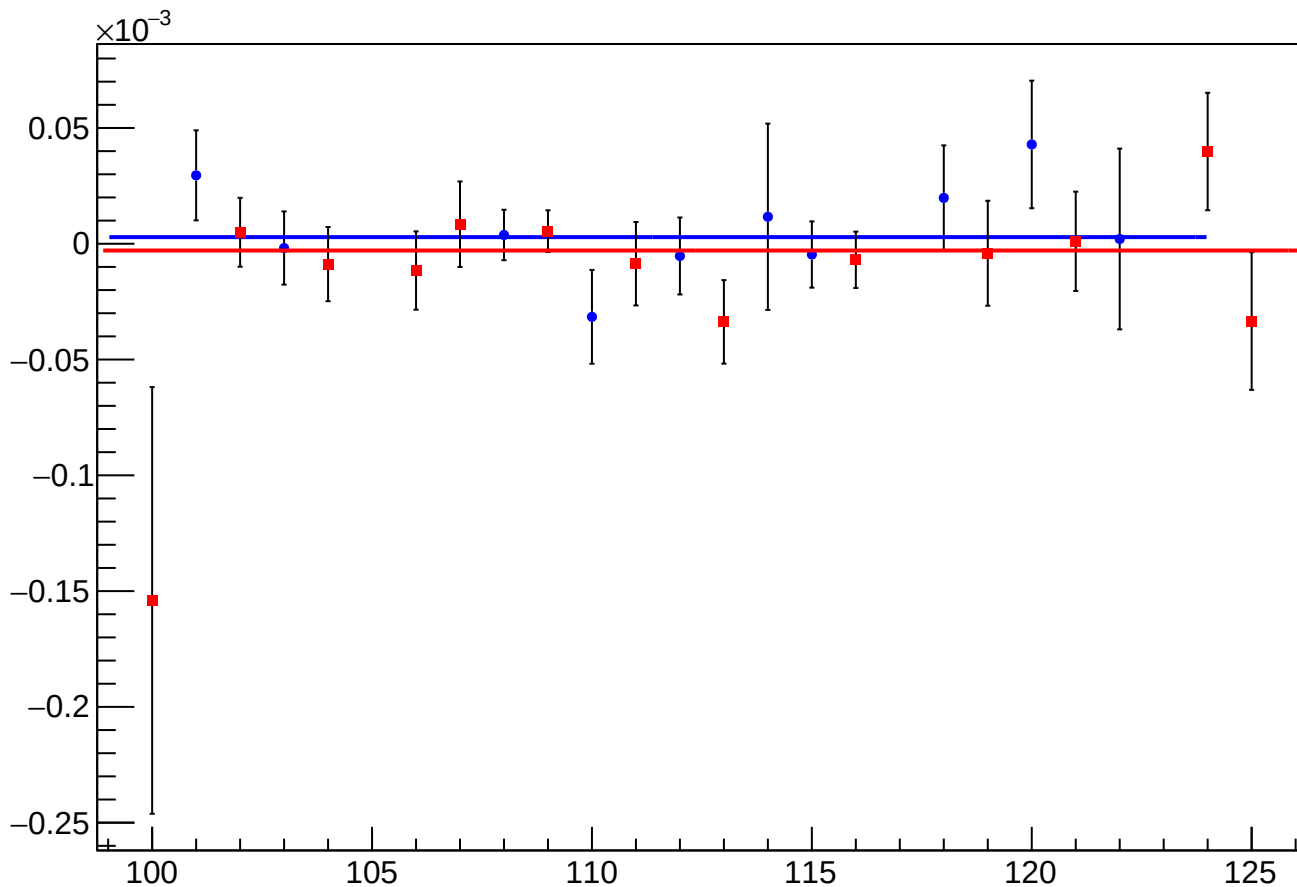
Right: 142.756+/-0.038 χ^2/NDF : 2091838.5/22

In: 145.778+/-0.056 χ^2/NDF : 909264.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.756+/-0.038 χ^2/NDF : 2091838.5/22

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 : 11.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

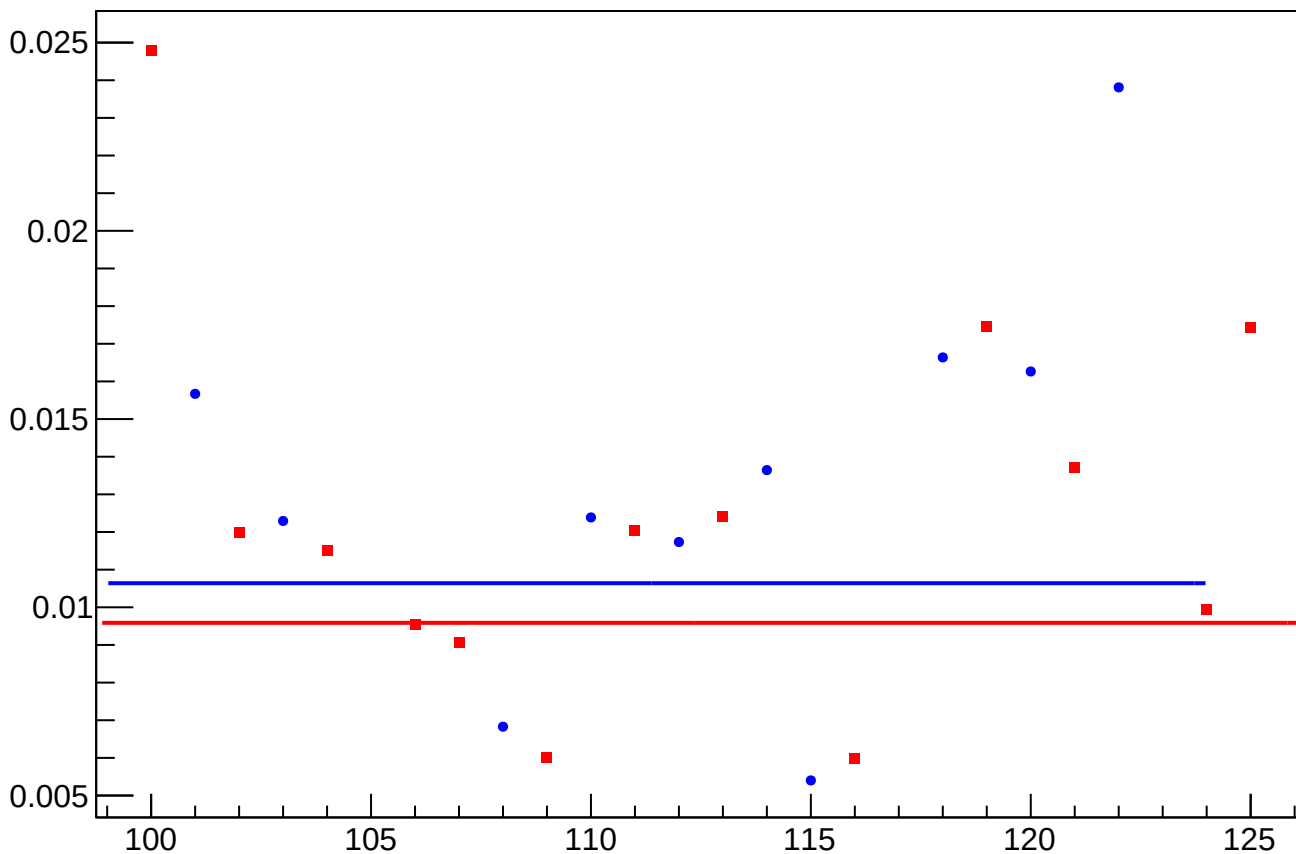
Right: -0.000+/-0.000 χ^2/NDF : 20.4/22

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 : 20.4/22

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: 0.010+/-0.000 χ^2/NDF : 1169134.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

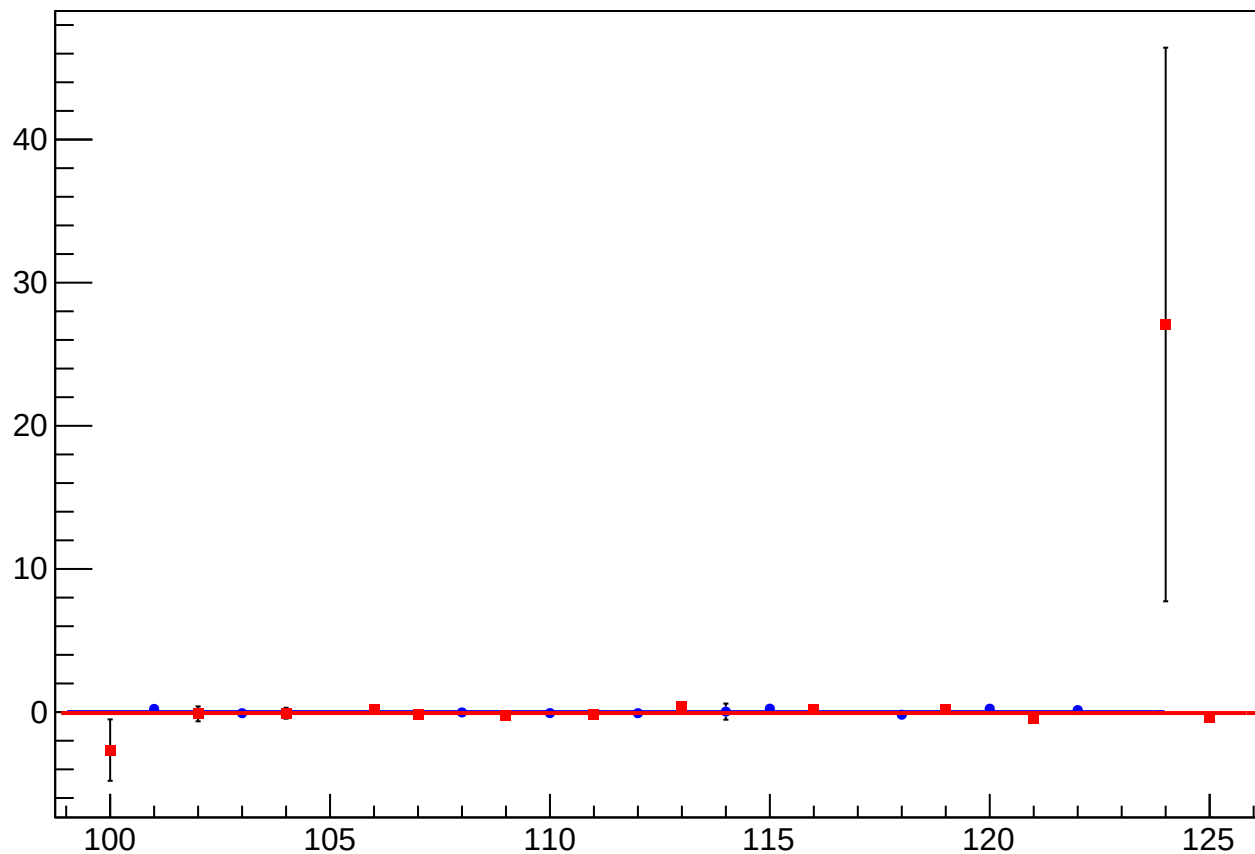
Right: 0.010+/-0.000 χ^2/NDF : 2364916.2/22

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 : 2364916.2/22

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: -0.067+/-0.072 χ^2/NDF : 15.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

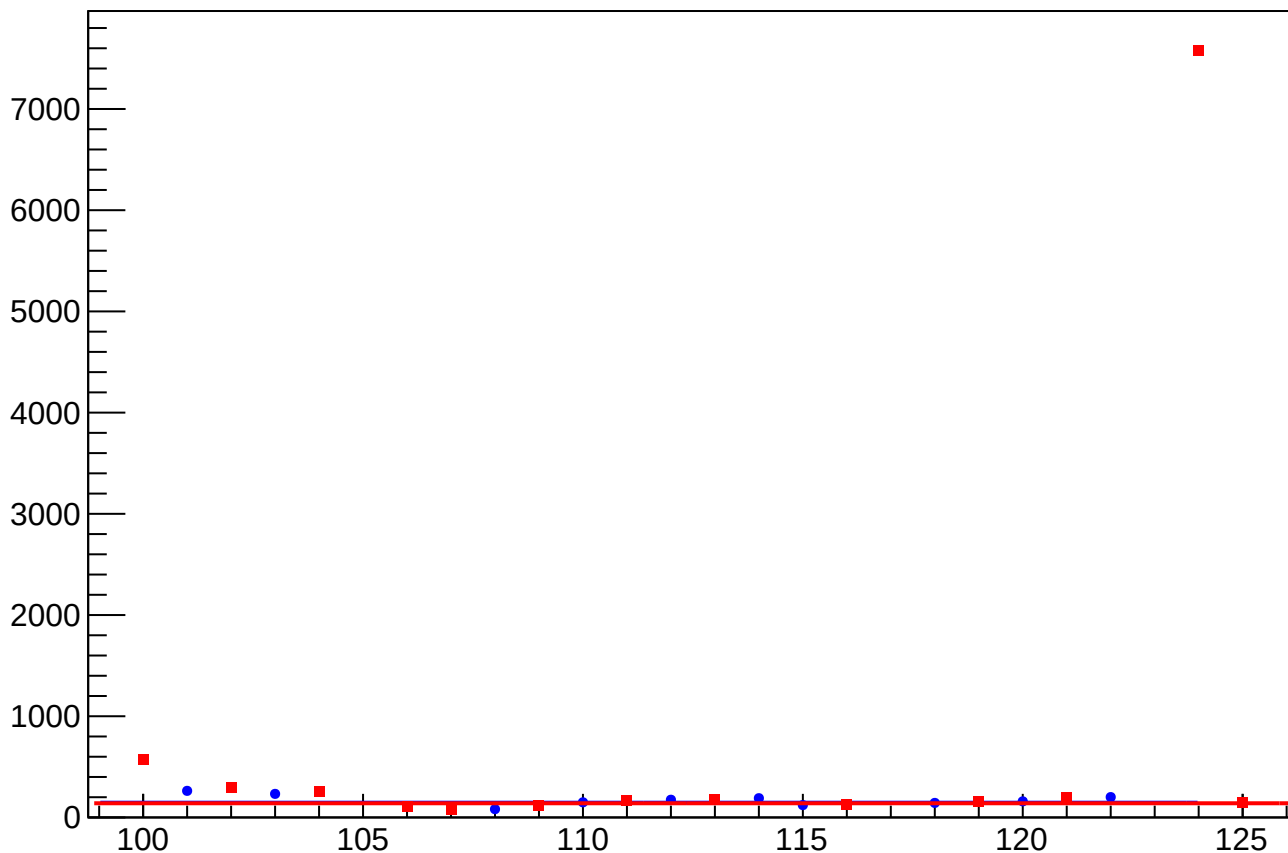
Right: -0.036+/-0.053 χ^2/NDF : 18.8/22

In: -0.001+/-0.079 χ^2/NDF : 3.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.036+/-0.053 χ^2/NDF : 18.8/22

asym_atl1r2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 145.778+/-0.056 χ^2/NDF : 909270.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 140.215+/-0.051 χ^2/NDF : 1177174.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

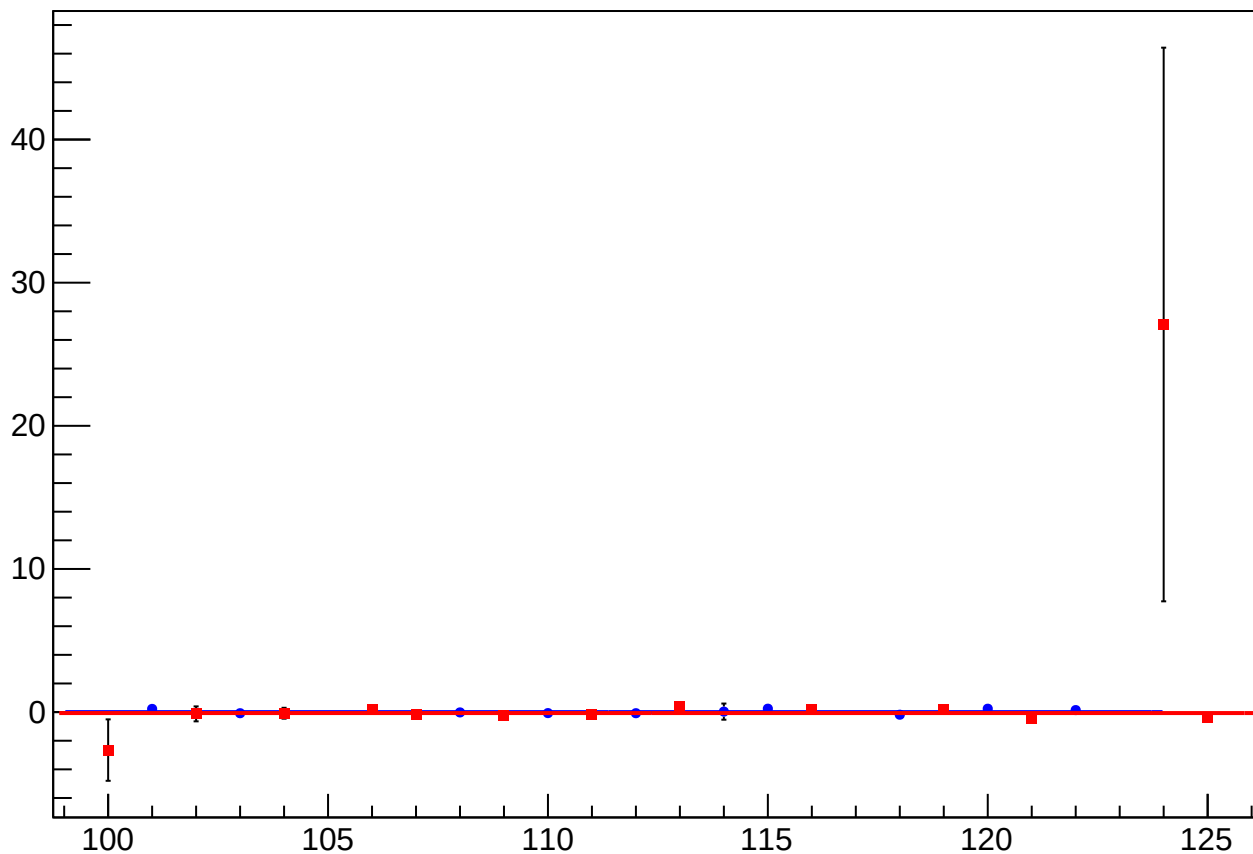
Right: 142.756+/-0.038 χ^2/NDF : 2091870.9/22

In: 145.778+/-0.056 χ^2/NDF : 909270.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.756+/-0.038 χ^2/NDF : 2091870.9/22

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 $\pm$ 0.079 χ^2 /NDF: 3.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.067 $\pm$ 0.072 χ^2 /NDF: 15.4/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

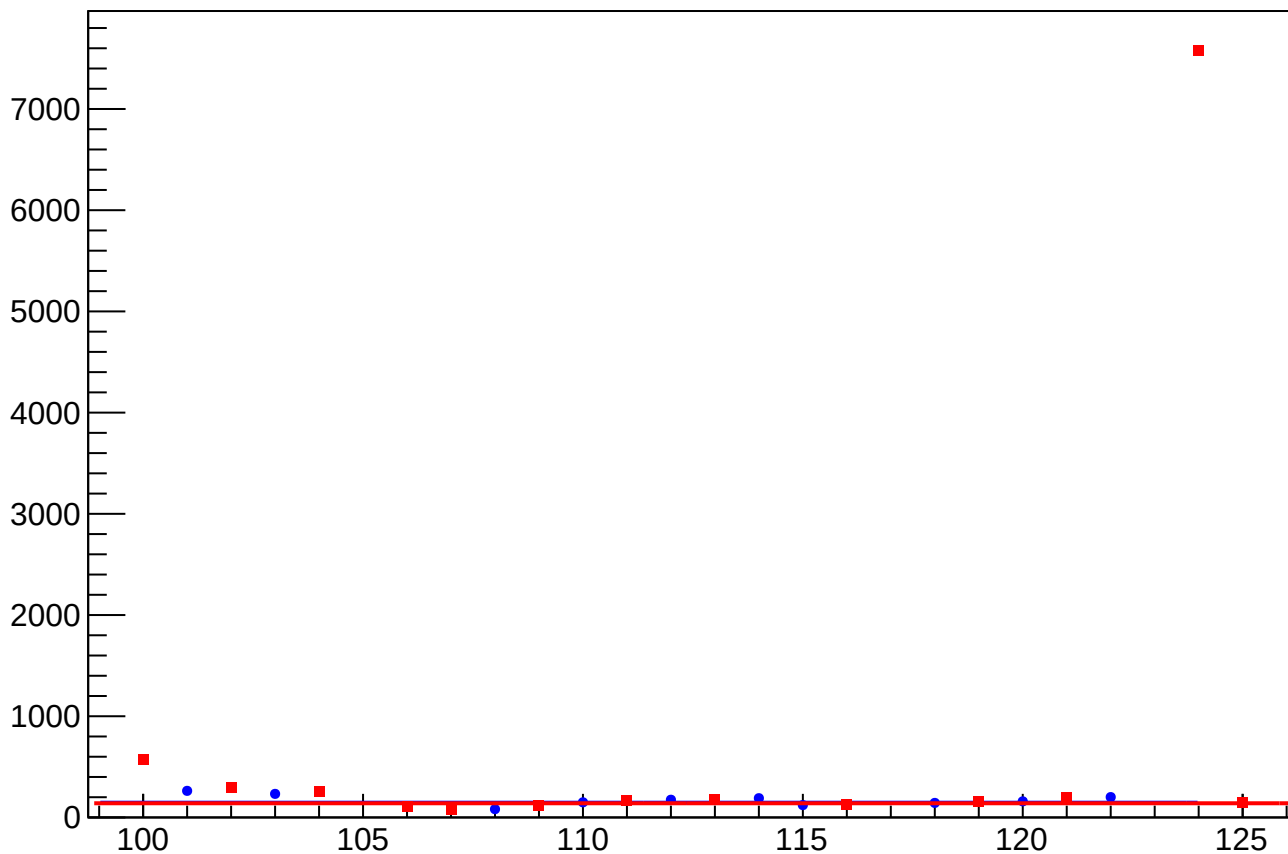
Right: -0.036 $\pm$ 0.053 χ^2 /NDF: 18.8/22

In: -0.001 $\pm$ 0.079 χ^2 /NDF:3.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.036 $\pm$ 0.053 χ^2 /NDF: 18.8/22

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: 140.215+/-0.051 χ^2/NDF : 1177174.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

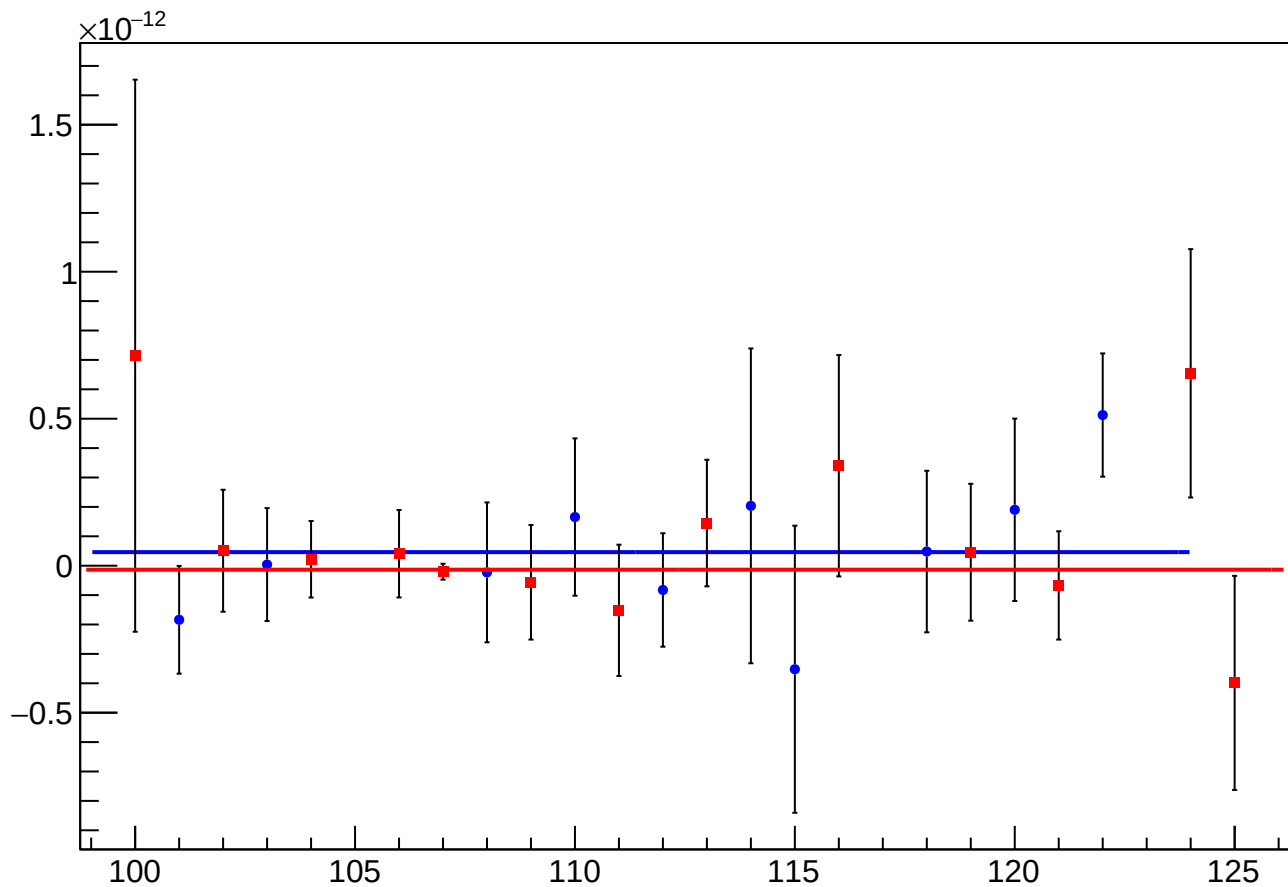
Right: 142.756+/-0.038 χ^2/NDF : 2091870.9/22

In: 145.778+/-0.056 χ^2/NDF : 909270.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.756+/-0.038 χ^2/NDF : 2091870.9/22

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 : 6.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

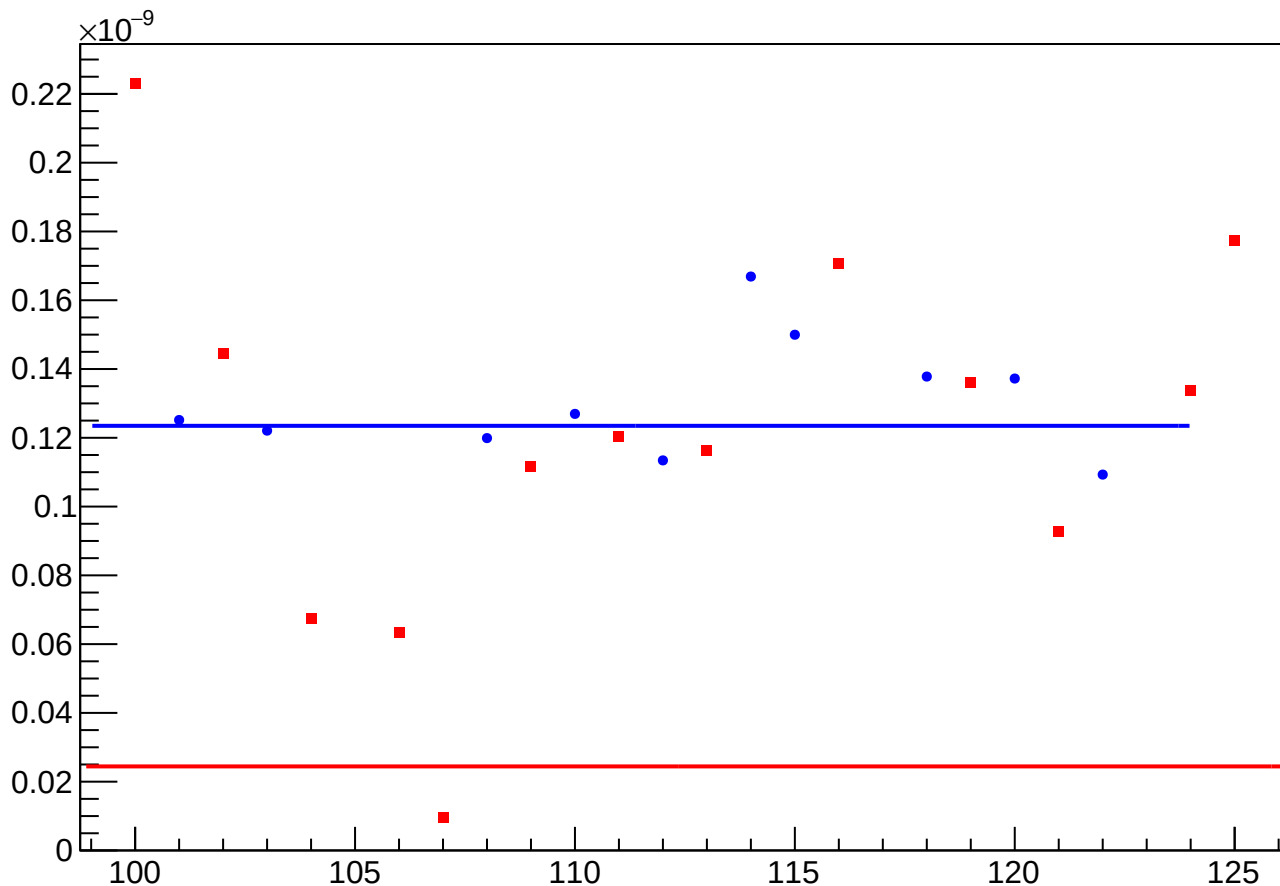
Right: -0.000+/-0.000 χ^2/NDF : 15.4/22

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 : 15.4/22

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 : 4379805.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

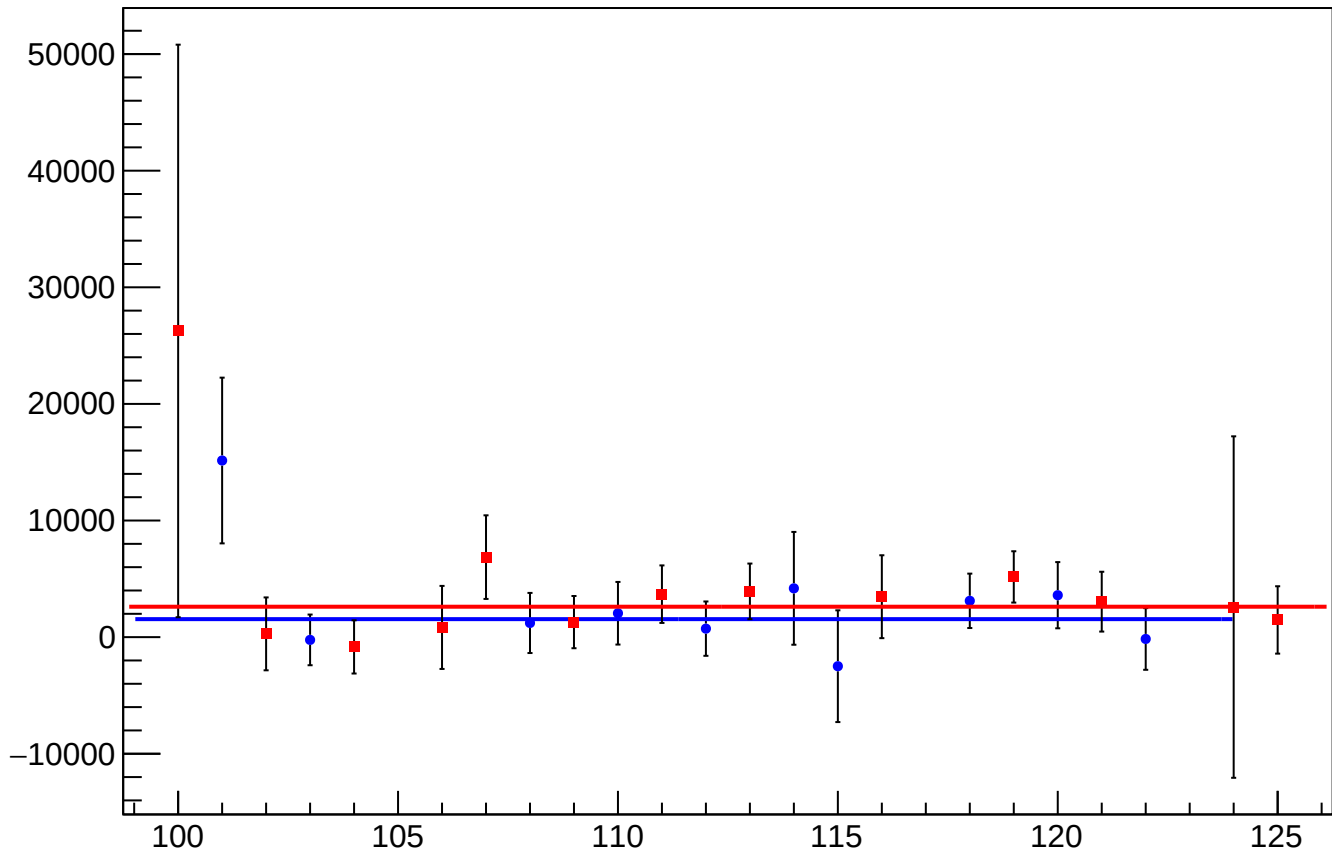
Right: 0.000+/-0.000 χ^2/NDF : 7436236.2/22

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 : 7436236.2/22

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: 2609.239+/-802.015 χ^2/NDF : 7.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

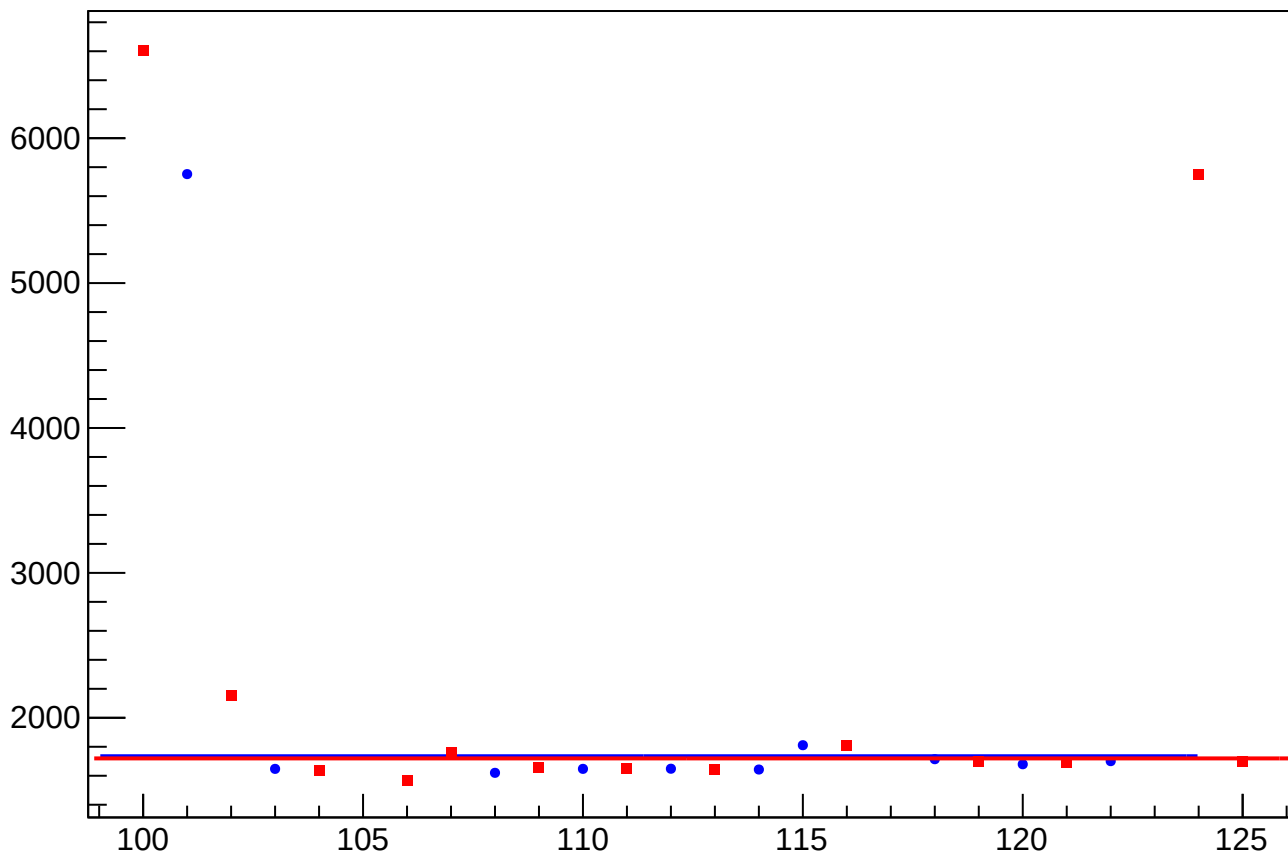
Right: 2136.063+/-597.931 χ^2/NDF : 15.5/22

In: 1543.952+/-897.167 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2136.063+/-597.931 χ^2/NDF : 15.5/22

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: 1719.707+/-0.561 χ^2/NDF : 284467.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

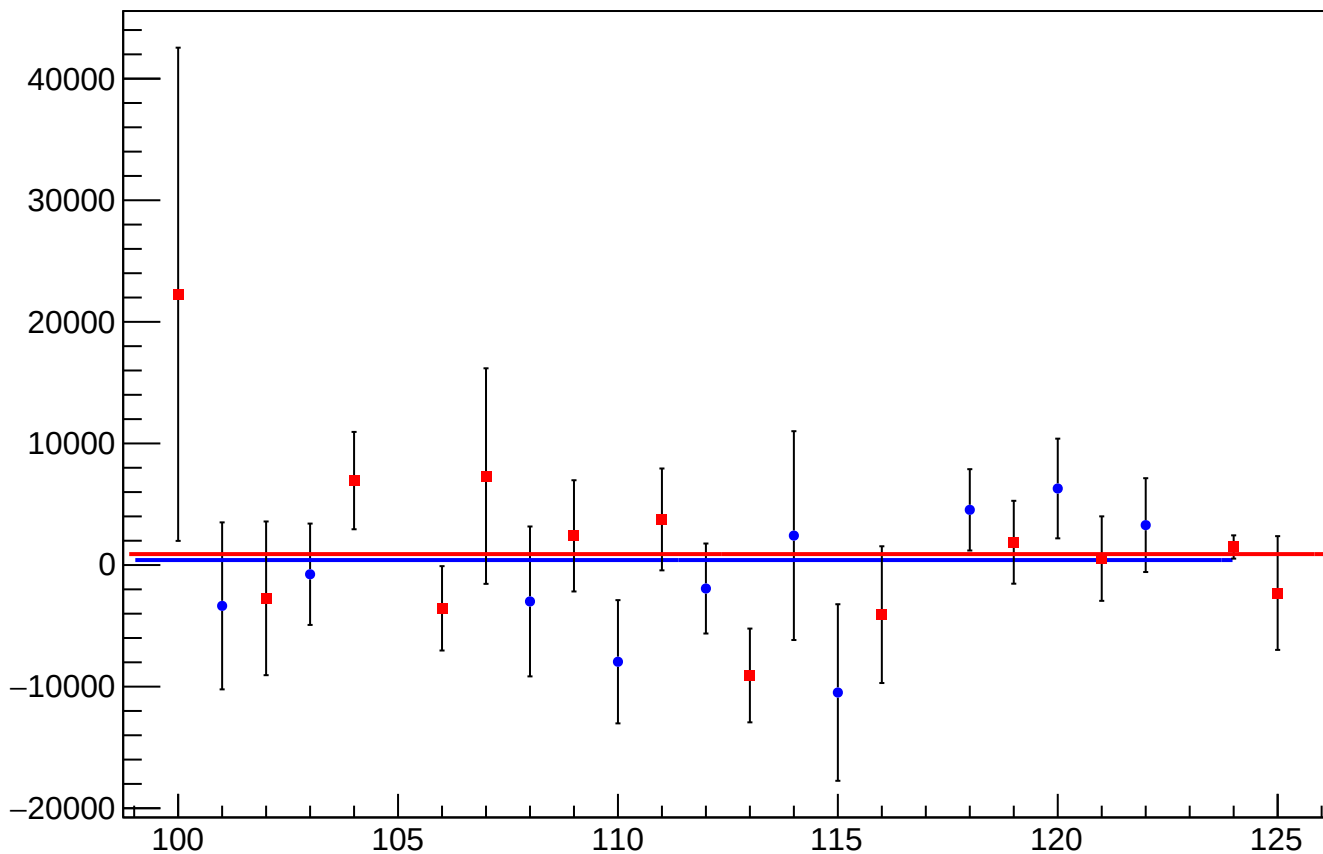
Right: 1726.225+/-0.420 χ^2/NDF : 938582.0/22

In: 1734.562+/-0.634 χ^2/NDF : 653806.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1726.225+/-0.420 χ^2/NDF : 938582.0/22

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: 899.901+/-767.957 χ^2/NDF : 14.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

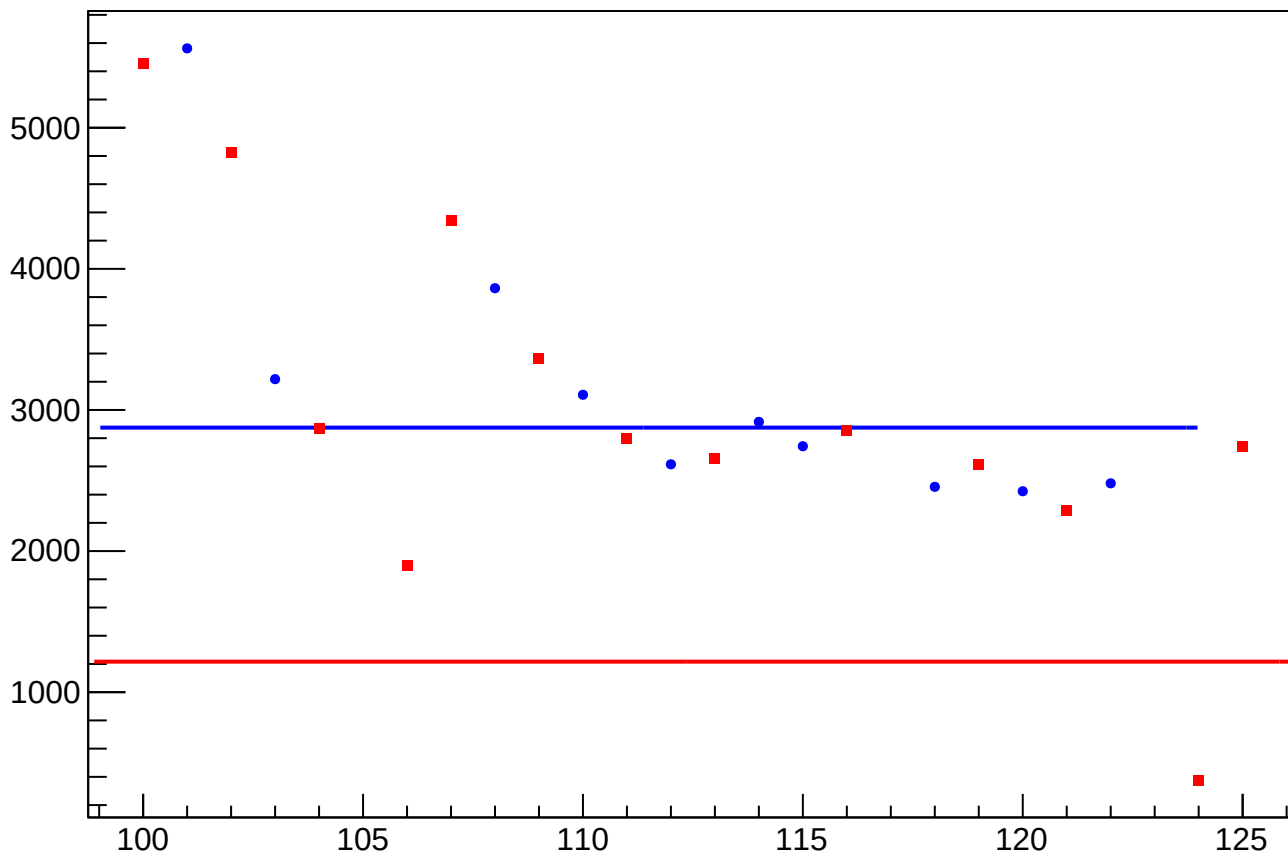
Right: 794.245+/-680.213 χ^2/NDF : 25.2/22

In: 409.522+/-1465.421 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 794.245+/-680.213 χ^2/NDF : 25.2/22

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: 1216.425+/-0.543 χ^2/NDF : 4877524.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

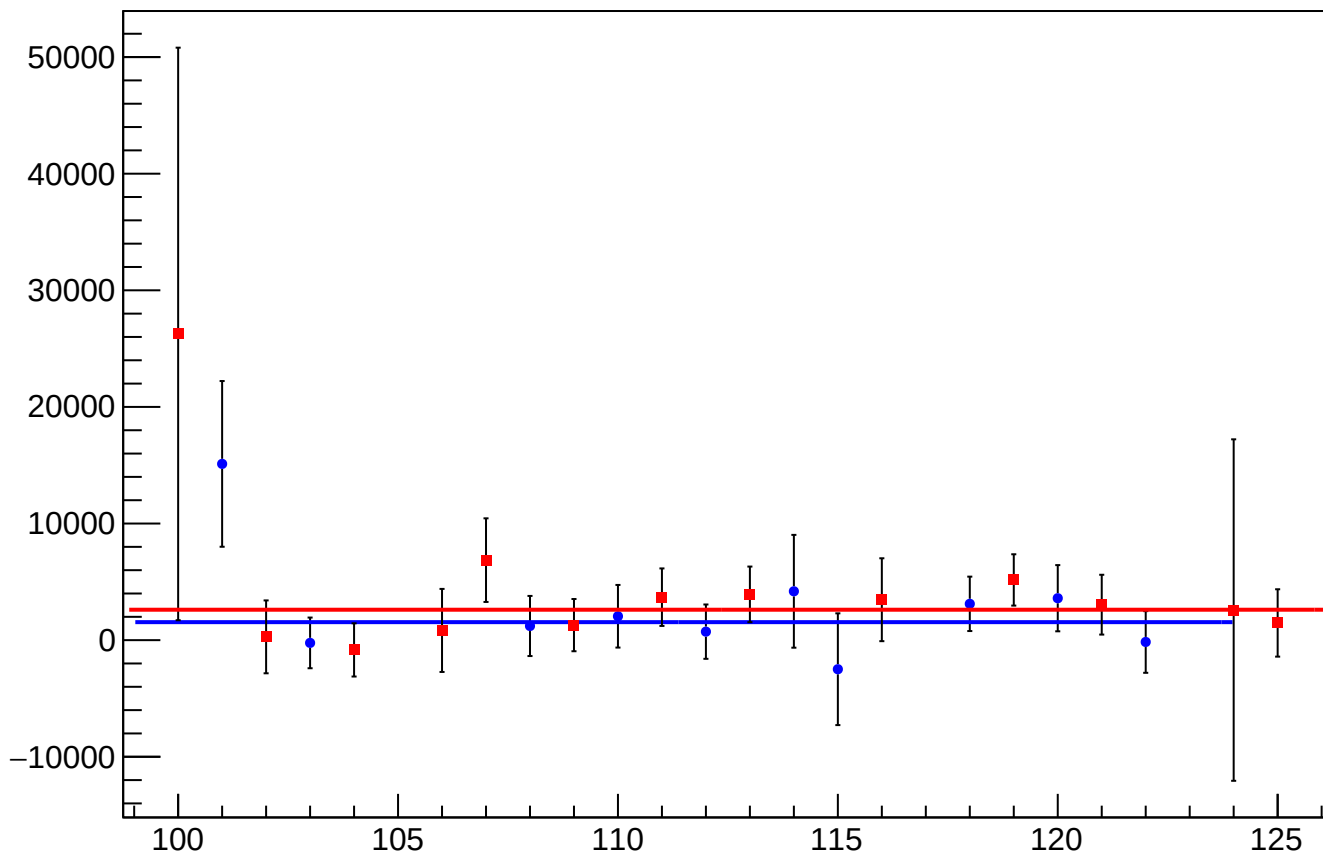
Right: 1573.783+/-0.481 χ^2/NDF : 7350255.8/22

In: 2875.011+/-1.036 χ^2/NDF : 462729.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1573.783+/-0.481 χ^2/NDF : 7350255.8/22

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: 2609.336+/-802.015 χ^2/NDF : 7.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

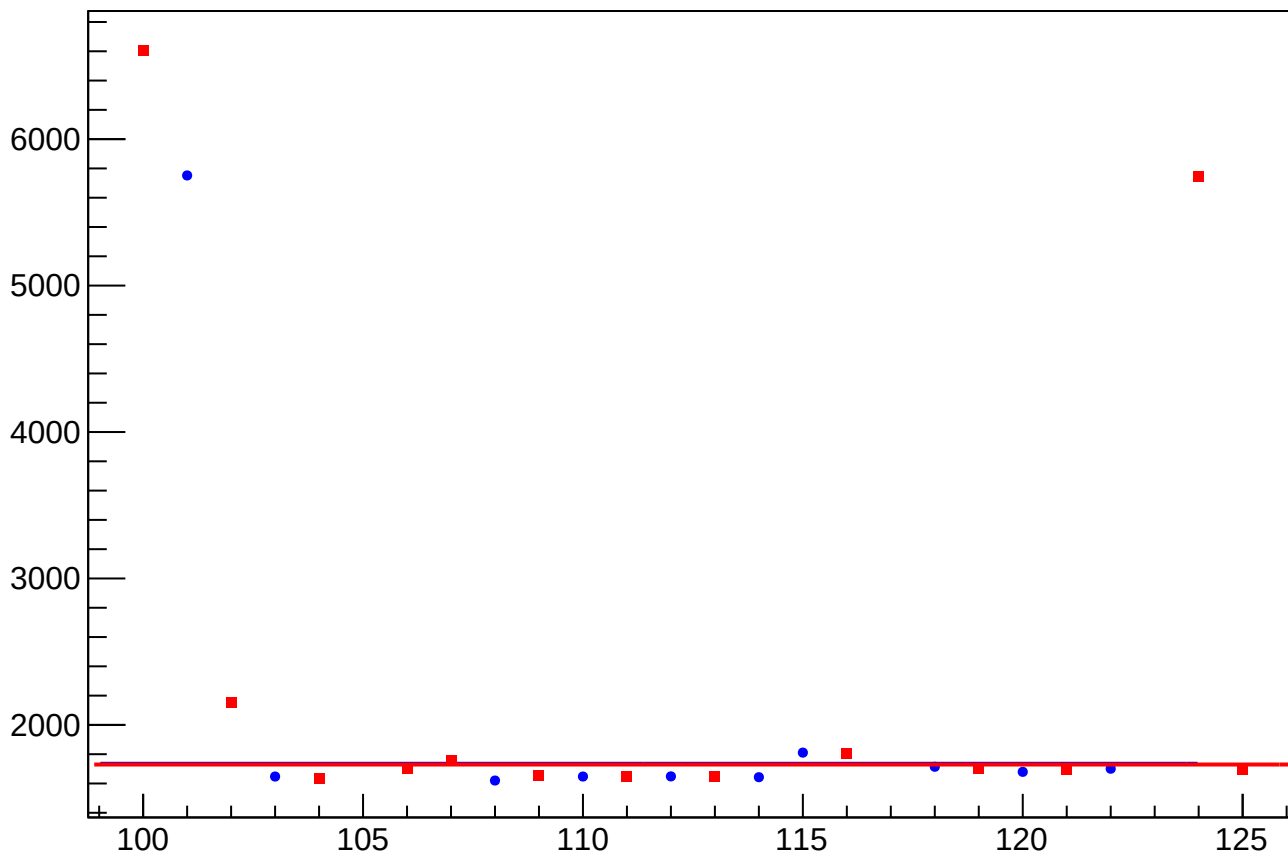
Right: 2135.927+/-597.931 χ^2/NDF : 15.5/22

In: 1543.522+/-897.167 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2135.927+/-597.931 χ^2/NDF : 15.5/22

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: 1729.495+/-0.564 χ^2/NDF : 278970.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

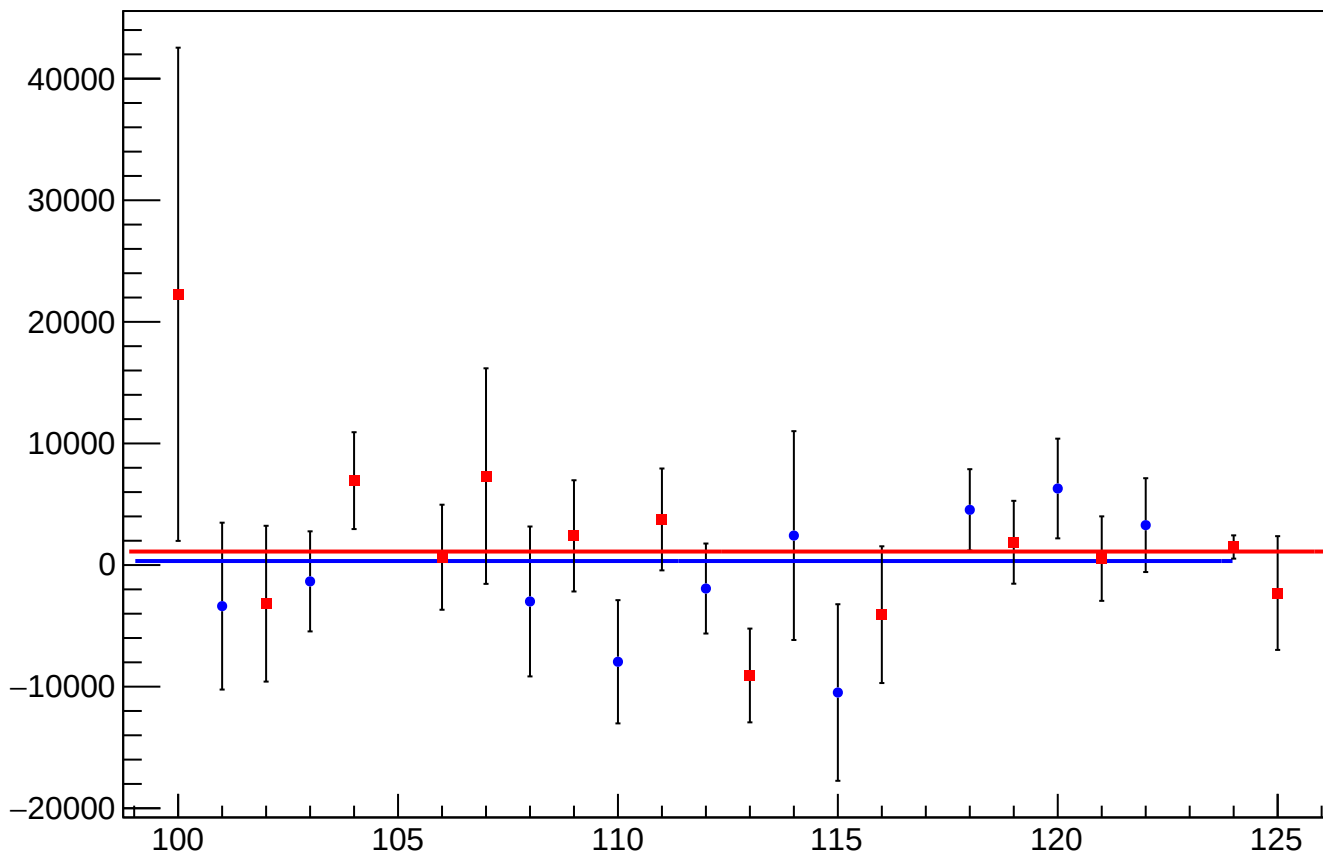
Right: 1731.732+/-0.421 χ^2/NDF : 932813.0/22

In: 1734.562+/-0.634 χ^2/NDF : 653807.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1731.732+/-0.421 χ^2/NDF : 932813.0/22

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: 1111.683+/-774.746 χ^2/NDF : 13.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

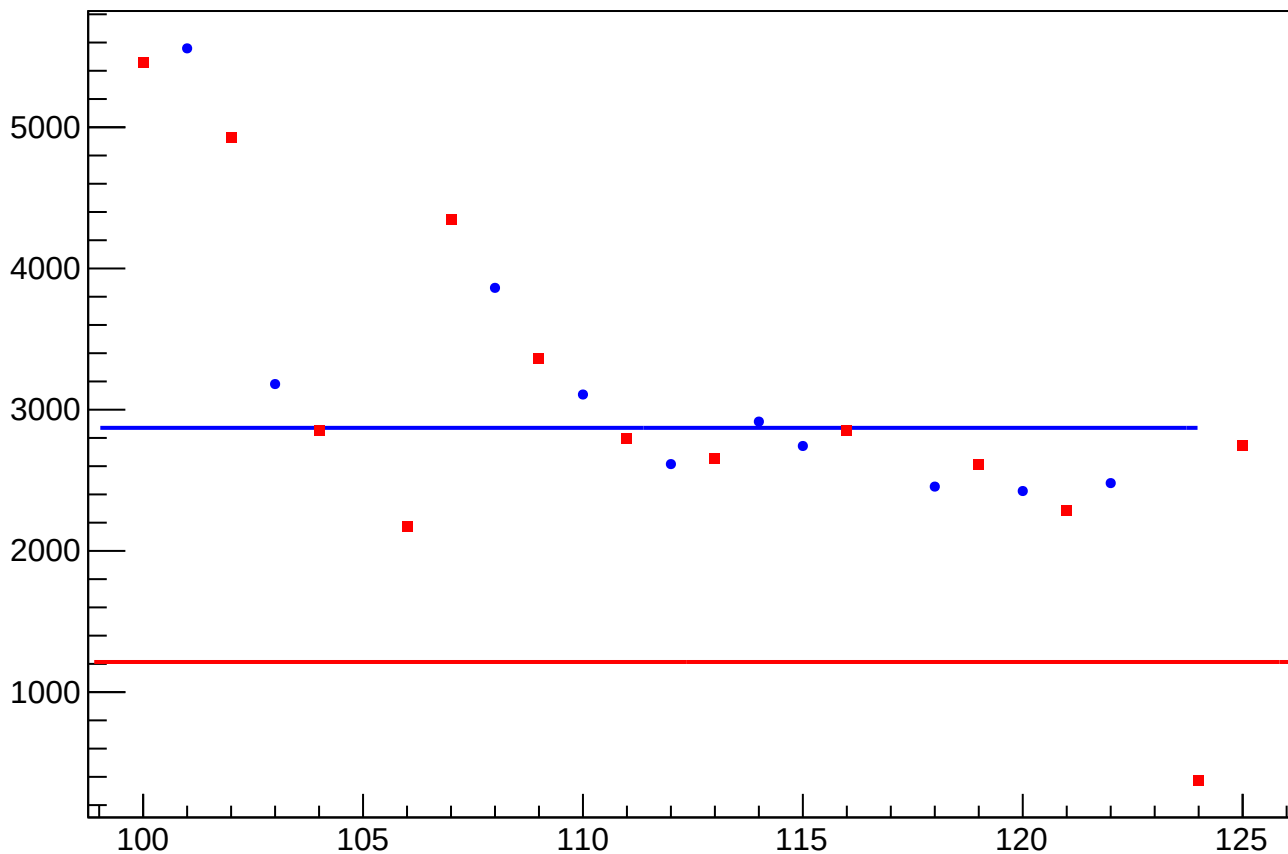
Right: 940.765+/-684.677 χ^2/NDF : 23.8/22

In: 331.226+/-1463.073 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 940.765+/-684.677 χ^2/NDF : 23.8/22

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: 1213.421+/-0.548 χ^2/NDF : 4914832.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

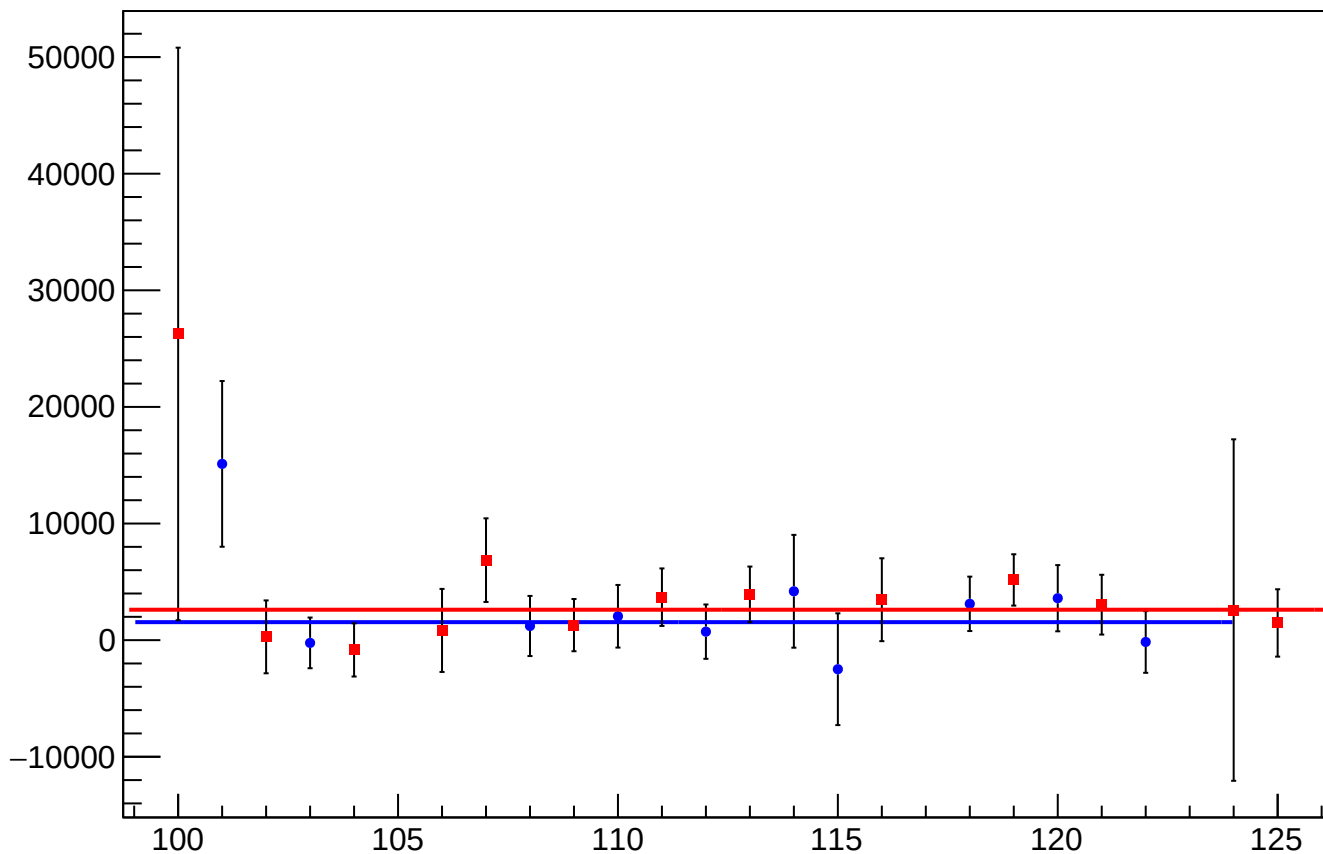
Right: 1576.523+/-0.484 χ^2/NDF : 7380595.2/22

In: 2871.440+/-1.035 χ^2/NDF : 459772.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1576.523+/-0.484 χ^2/NDF : 7380595.2/22

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: 2609.336+/-802.015 χ^2/NDF : 7.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

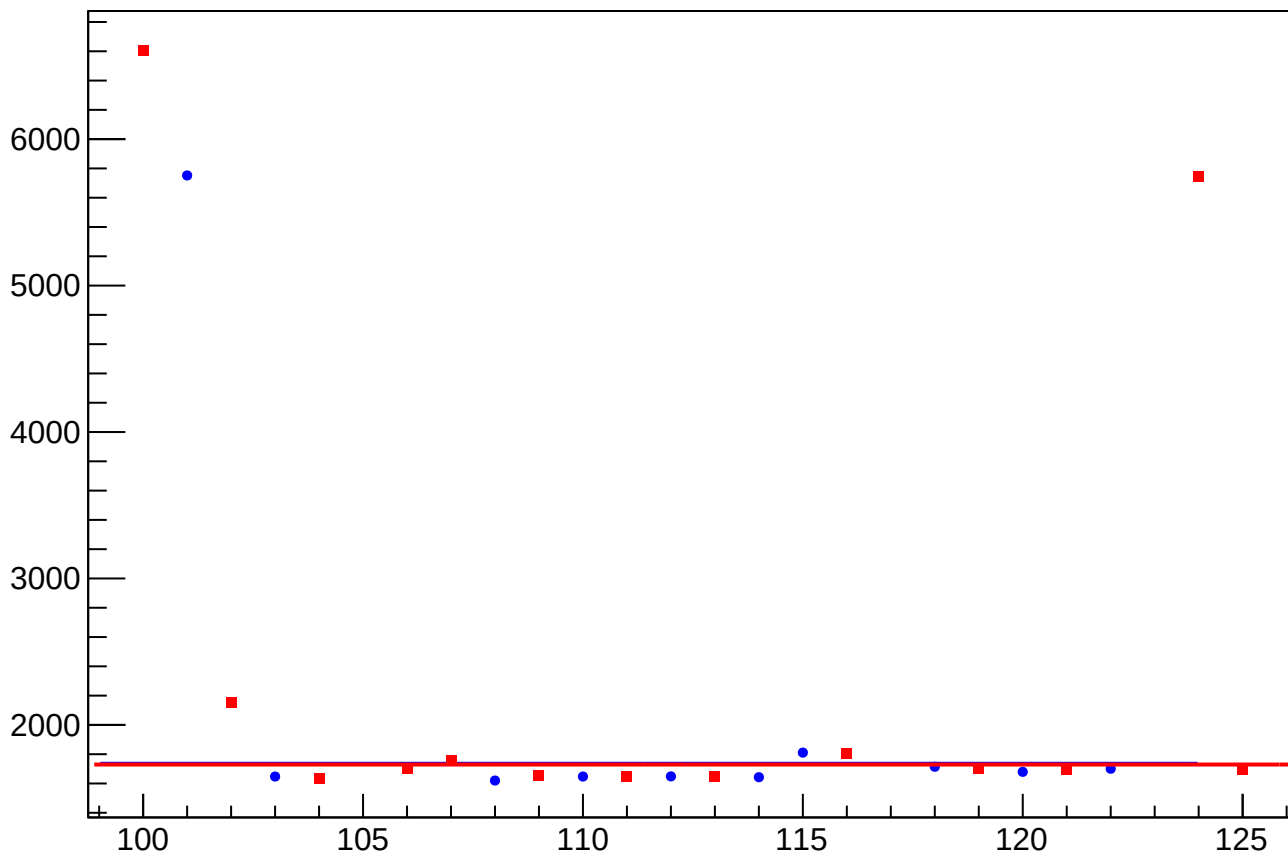
Right: 2135.927+/-597.931 χ^2/NDF : 15.5/22

In: 1543.522+/-897.167 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2135.927+/-597.931 χ^2/NDF : 15.5/22

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: 1729.495+/-0.564 χ^2/NDF : 278970.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

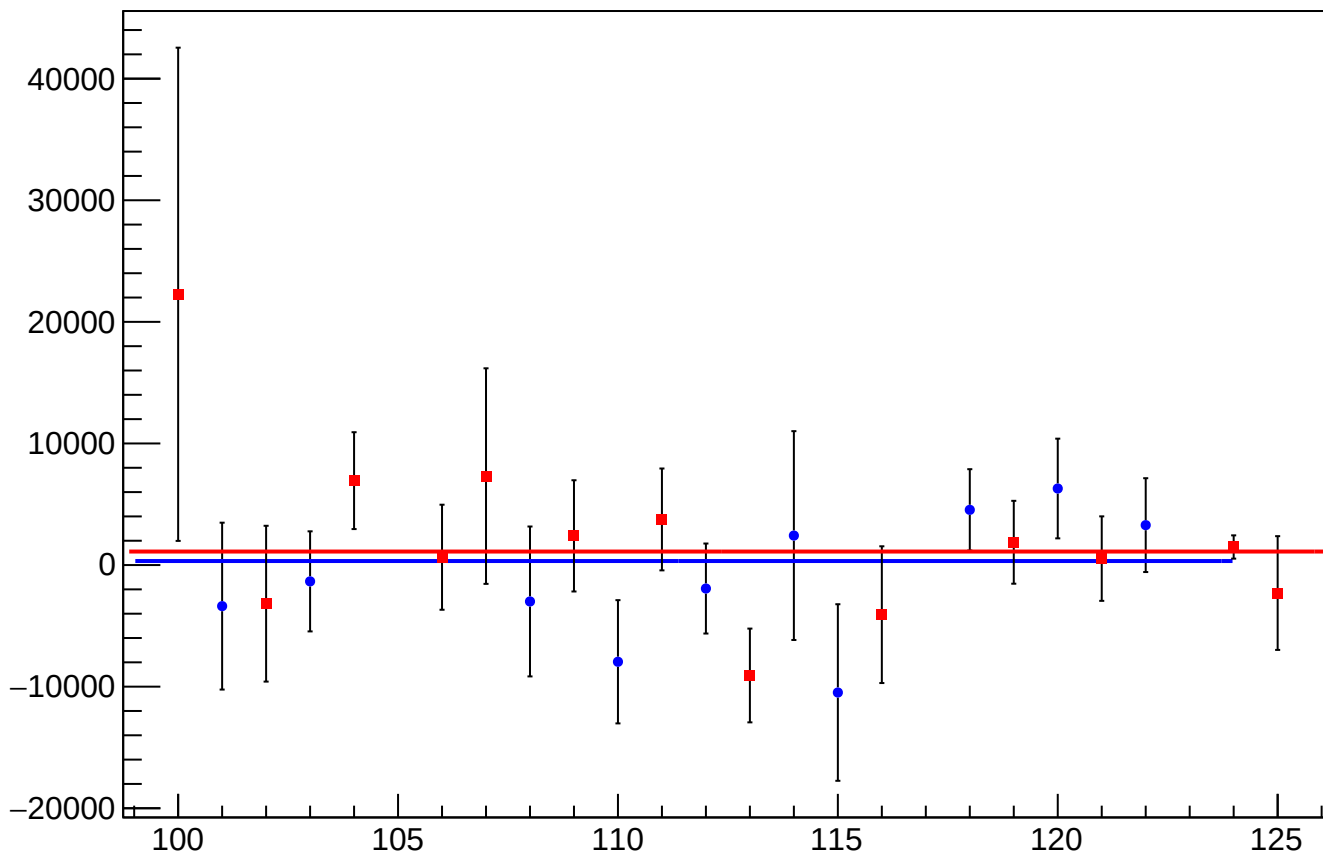
Right: 1731.732+/-0.421 χ^2/NDF : 932813.0/22

In: 1734.562+/-0.634 χ^2/NDF : 653807.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1731.732+/-0.421 χ^2/NDF : 932813.0/22

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: 1111.683+/-774.746 χ^2/NDF : 13.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

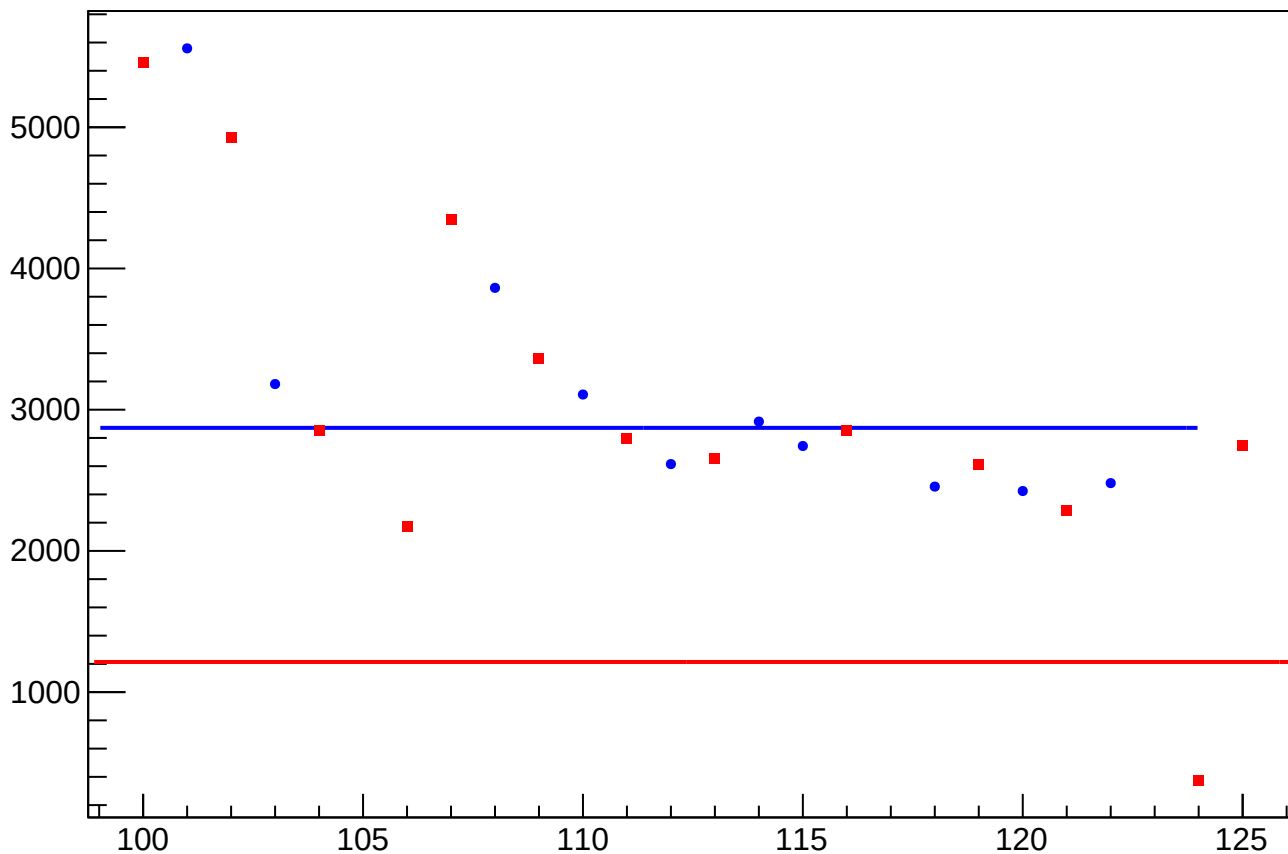
Right: 940.765+/-684.677 χ^2/NDF : 23.8/22

In: 331.226+/-1463.073 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 940.765+/-684.677 χ^2/NDF : 23.8/22

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: 1213.421+/-0.548 χ^2/NDF : 4914832.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

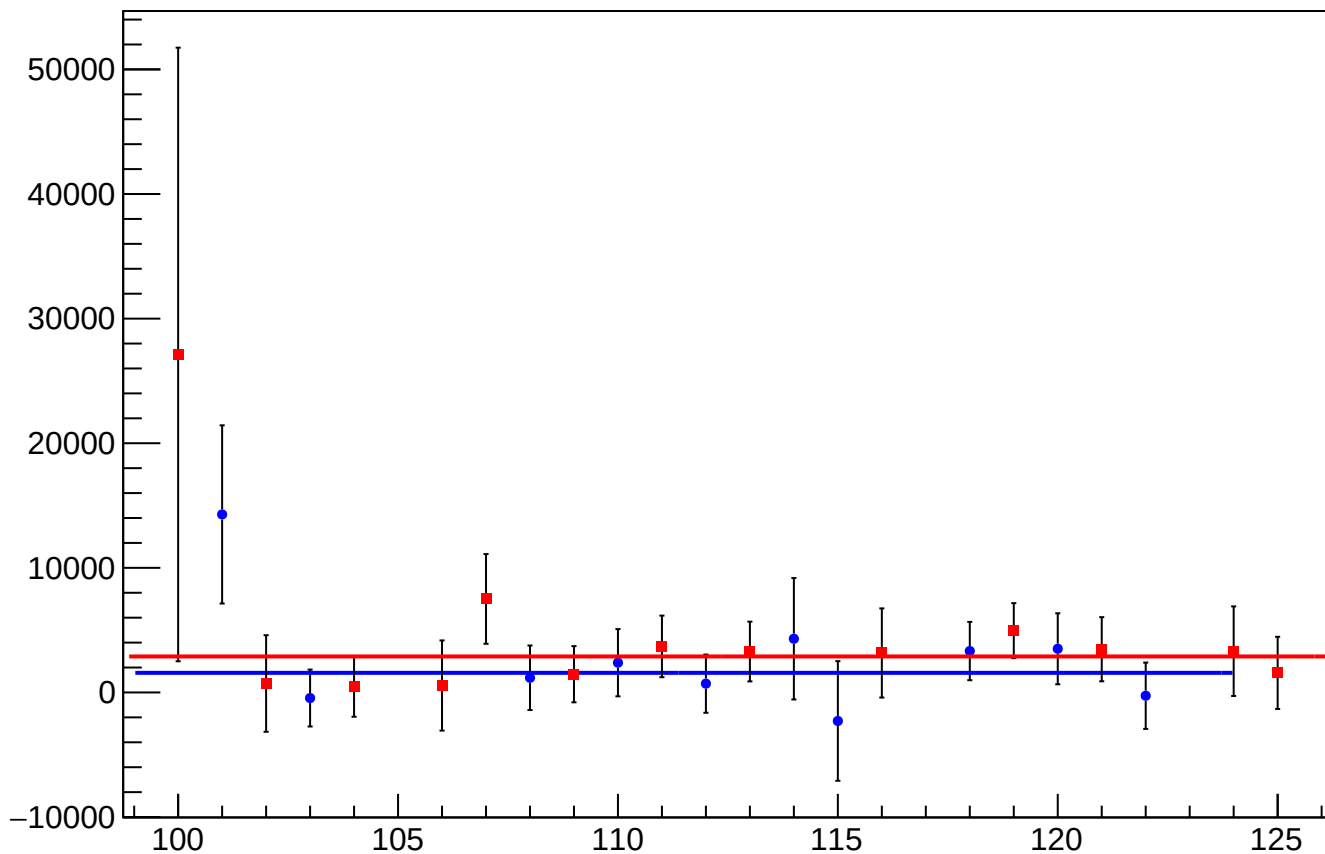
Right: 1576.523+/-0.484 χ^2/NDF : 7380595.2/22

In: 2871.440+/-1.035 χ^2/NDF : 459772.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1576.523+/-0.484 χ^2/NDF : 7380595.2/22

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: 2888.741+/-801.851 χ^2 /NDF: 6.0/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

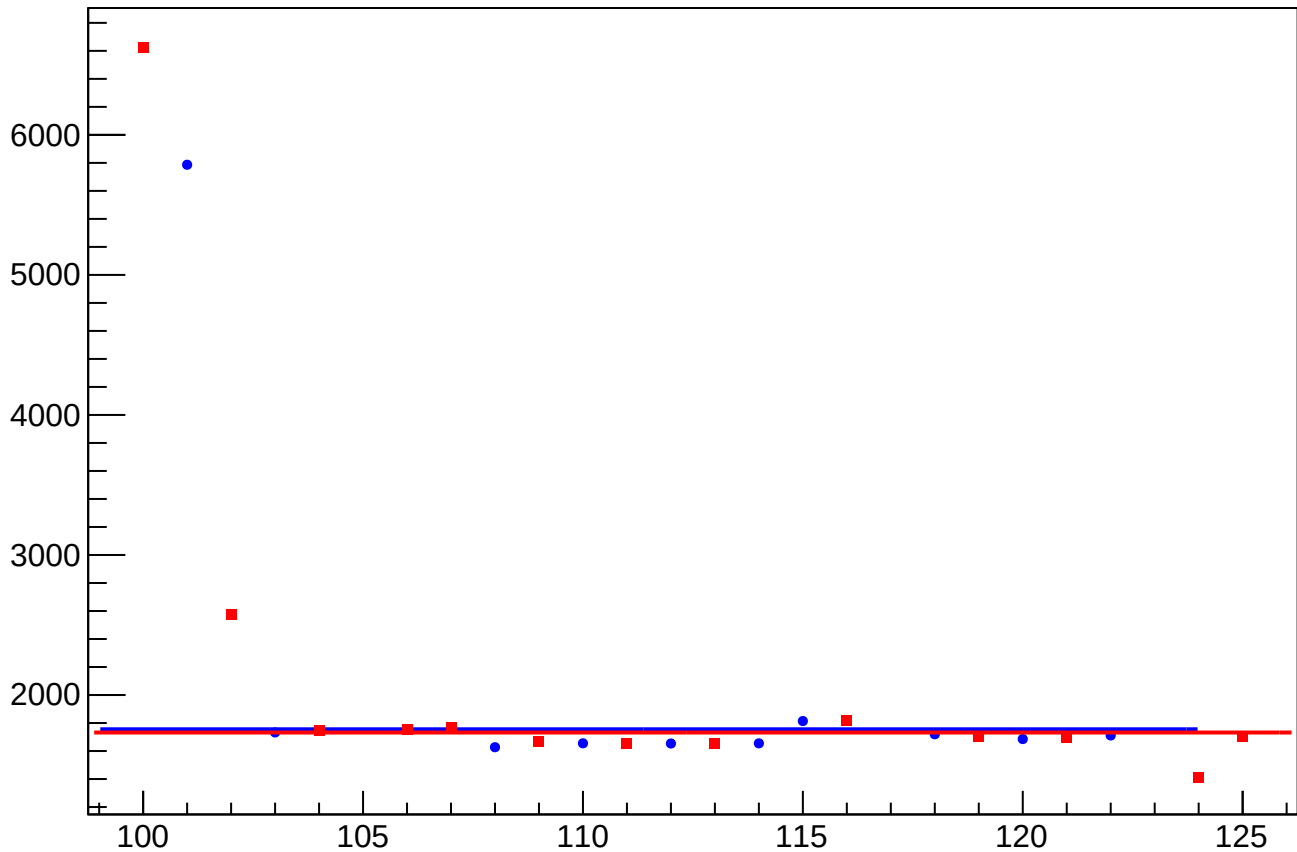
Right: 2312.544+/-600.947 χ^2 /NDF: 13.8/22

In: 1574.198+/-907.691 χ^2 /NDF:6.7/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2312.544+/-600.947 χ^2 /NDF: 13.8/22

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: 1732.197+/-0.565 χ^2/NDF : 197634.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

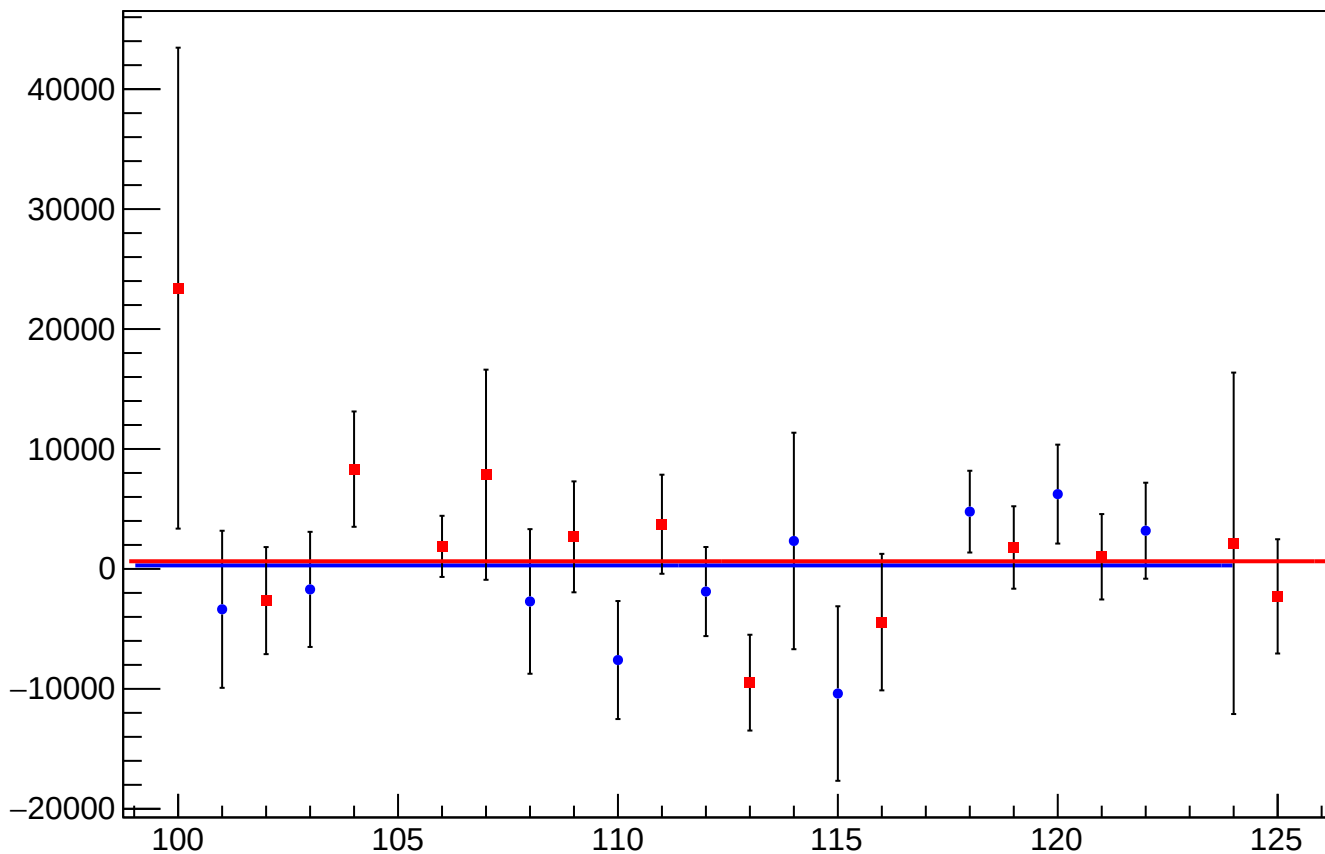
Right: 1742.244+/-0.424 χ^2/NDF : 849204.3/22

In: 1755.220+/-0.642 χ^2/NDF : 650845.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1742.244+/-0.424 χ^2/NDF : 849204.3/22

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: 638.538+/-1217.601 χ^2/NDF : 13.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

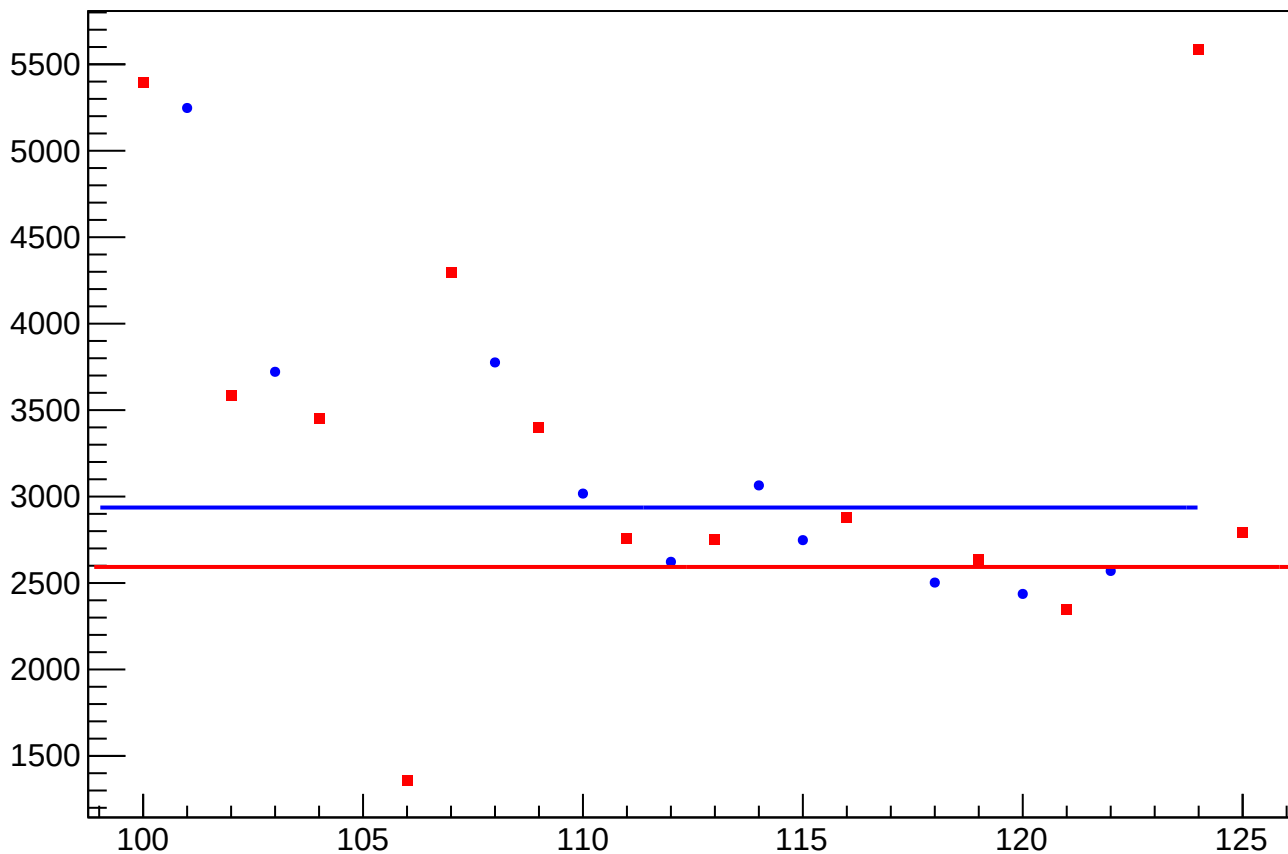
Right: 501.442+/-944.442 χ^2/NDF : 24.0/22

In: 294.383+/-1496.374 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 501.442+/-944.442 χ^2/NDF : 24.0/22

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: 2592.952+/-0.861 χ^2/NDF : 921593.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

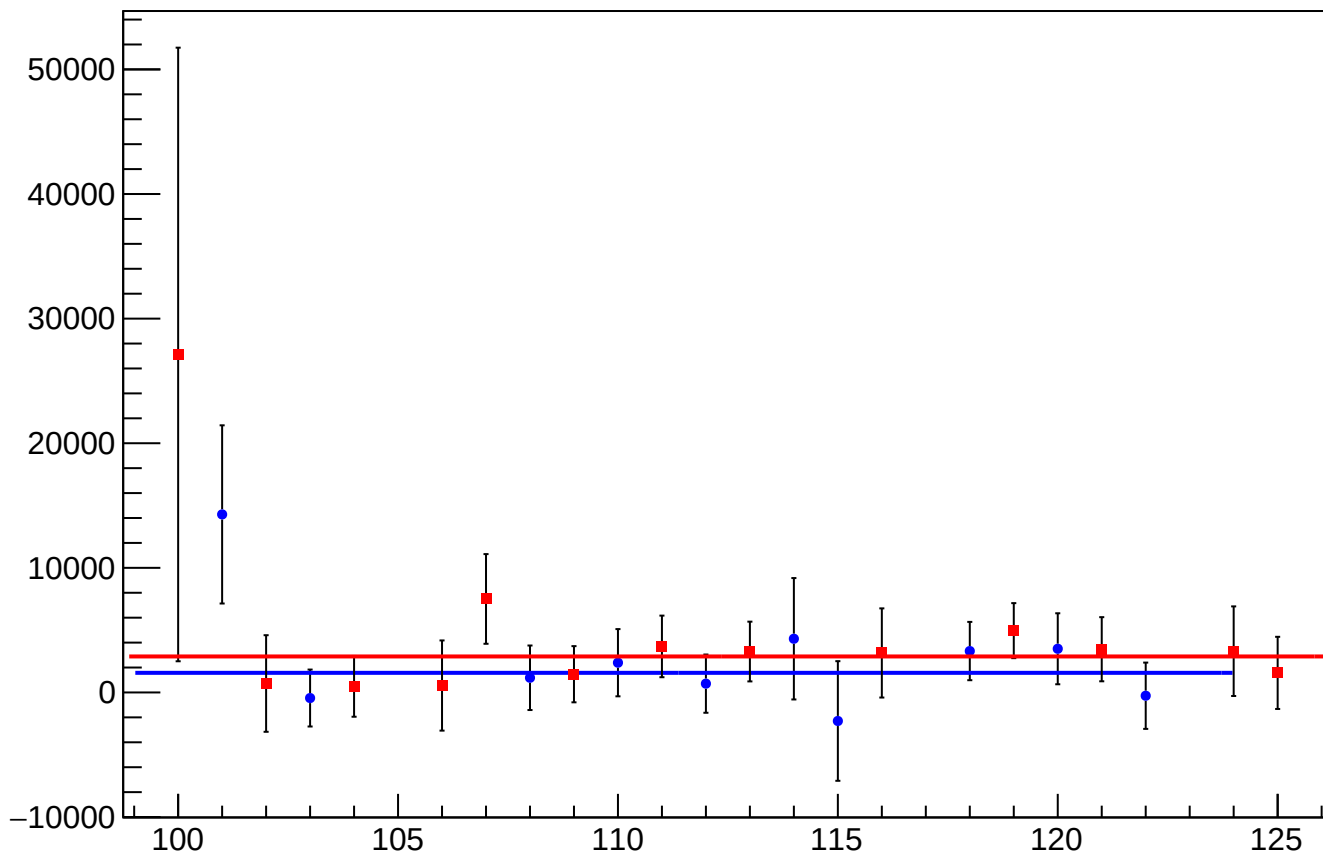
Right: 2729.856+/-0.668 χ^2/NDF : 1421590.4/22

In: 2936.625+/-1.058 χ^2/NDF :436525.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2729.856+/-0.668 χ^2/NDF : 1421590.4/22

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: 2888.749+/-801.851 χ^2 /NDF: 6.0/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

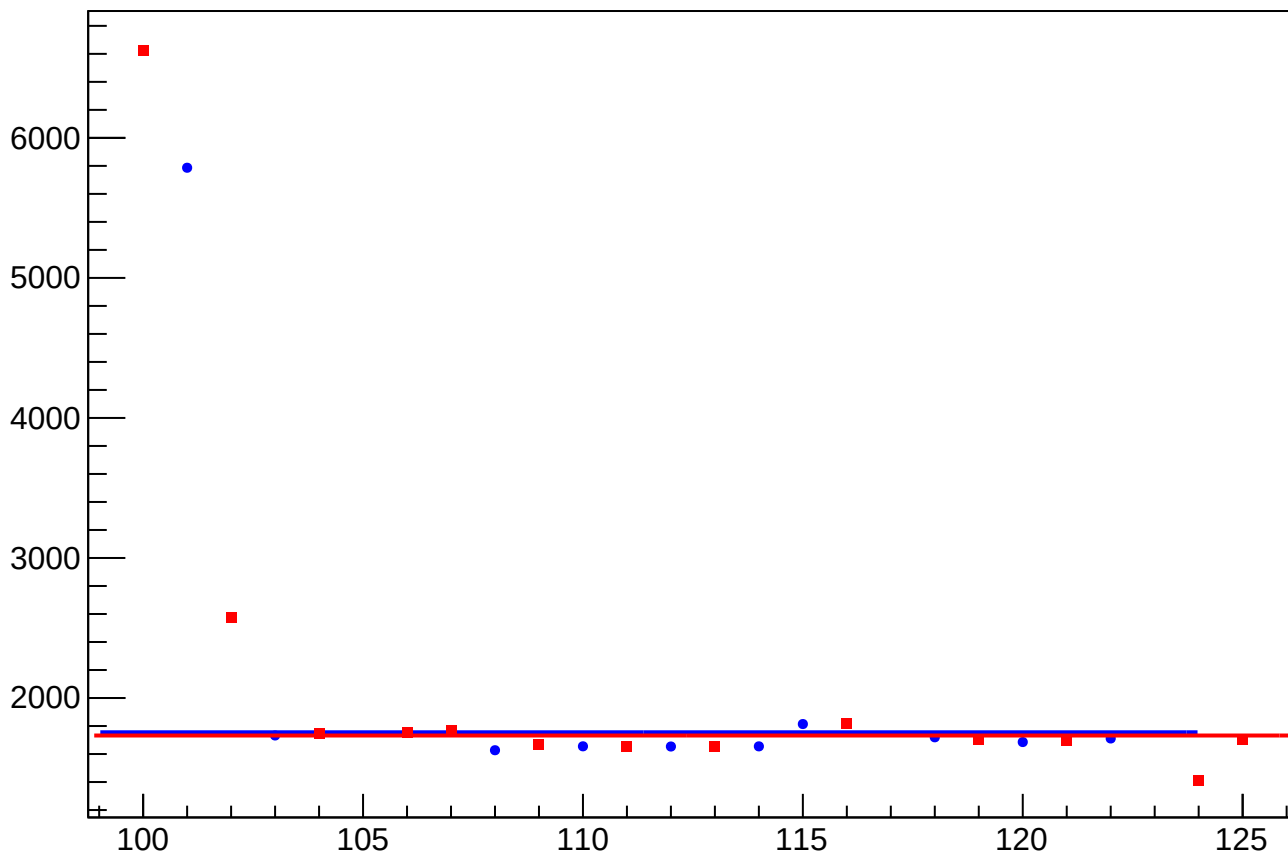
Right: 2312.549+/-600.947 χ^2 /NDF: 13.8/22

In: 1574.199+/-907.691 χ^2 /NDF:6.7/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2312.549+/-600.947 χ^2 /NDF: 13.8/22

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: 1732.197+/-0.565 χ^2/NDF : 197634.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

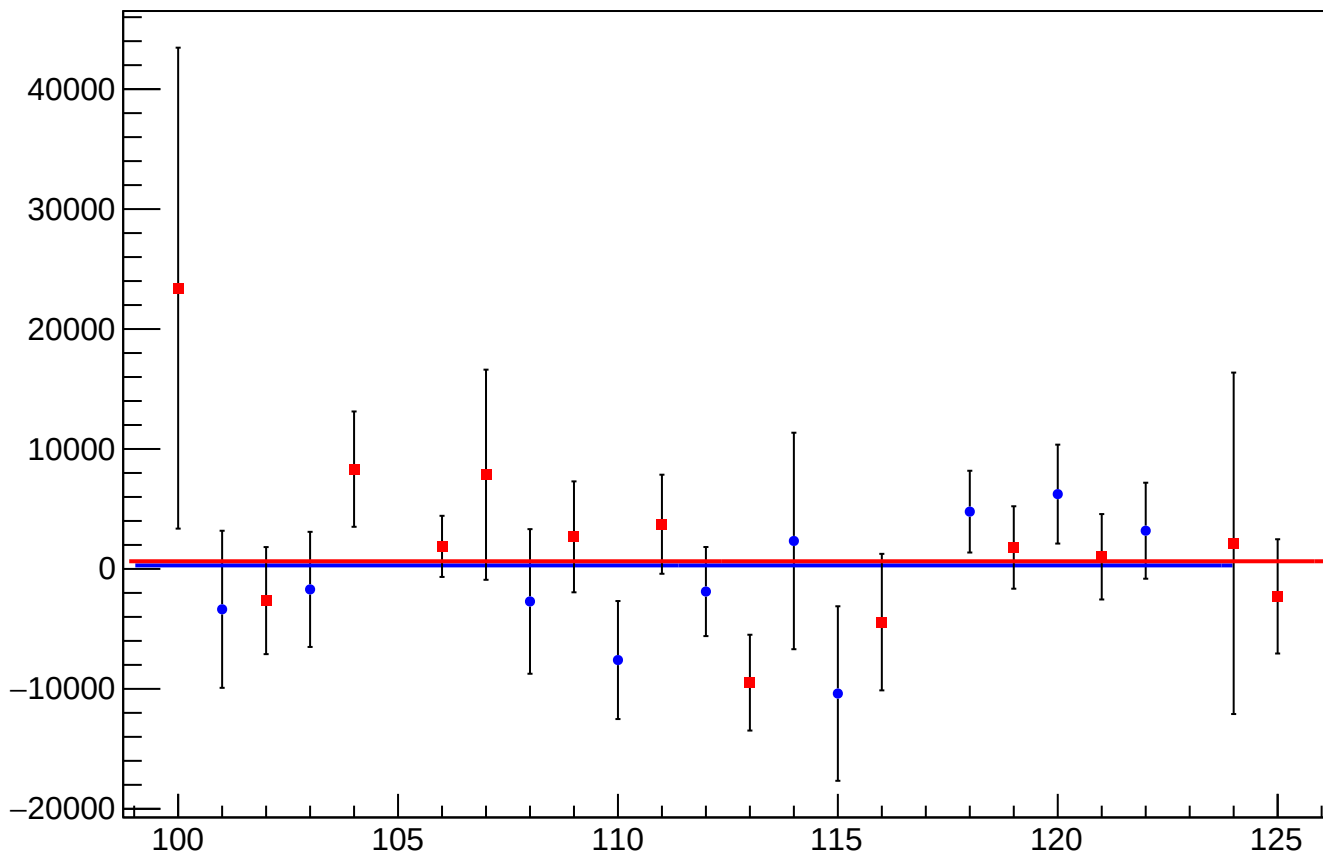
Right: 1742.244+/-0.424 χ^2/NDF : 849204.2/22

In: 1755.220+/-0.642 χ^2/NDF : 650844.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1742.244+/-0.424 χ^2/NDF : 849204.2/22

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: 638.538+/-1217.596 χ^2/NDF : 13.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

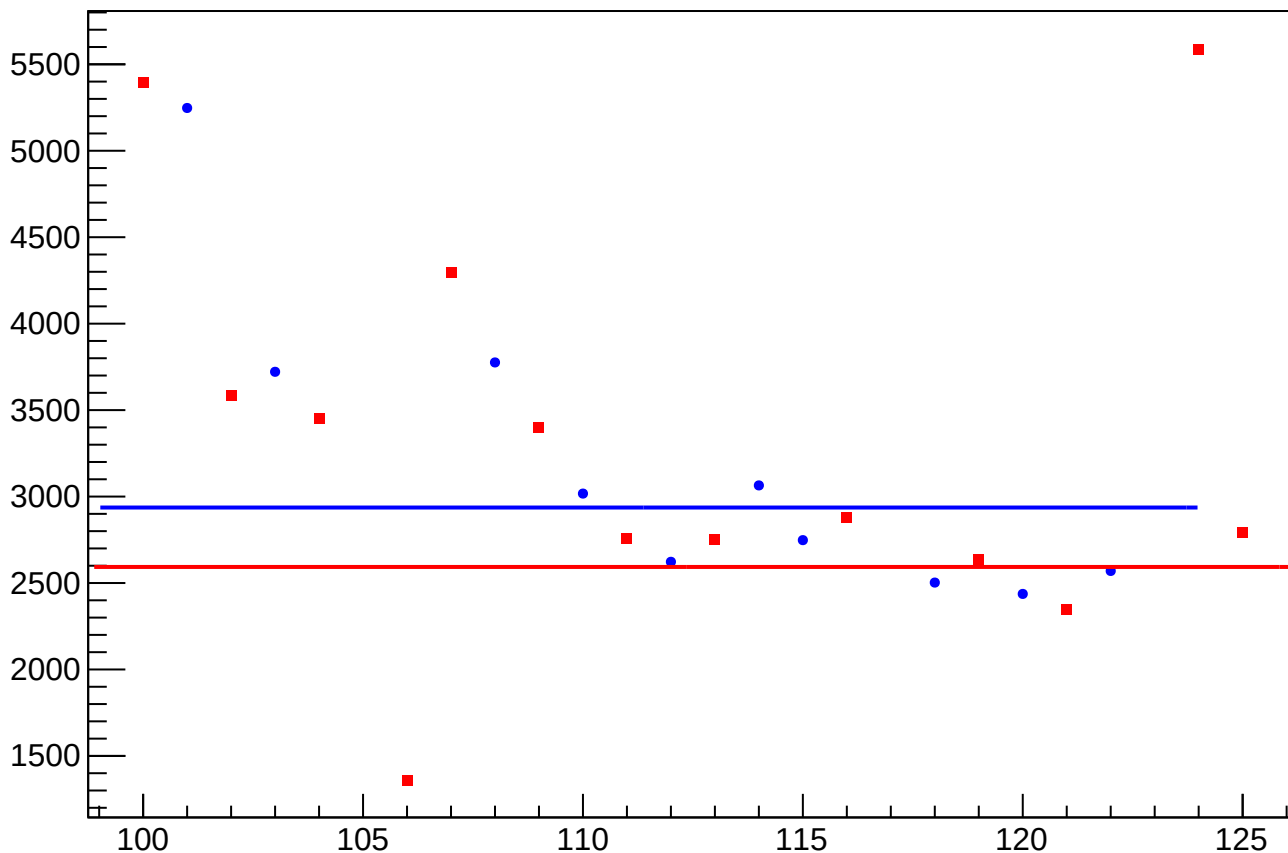
Right: 501.444+/-944.438 χ^2/NDF : 24.0/22

In: 294.387+/-1496.368 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 501.444+/-944.438 χ^2/NDF : 24.0/22

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: 2592.938+/-0.861 χ^2/NDF : 921606.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

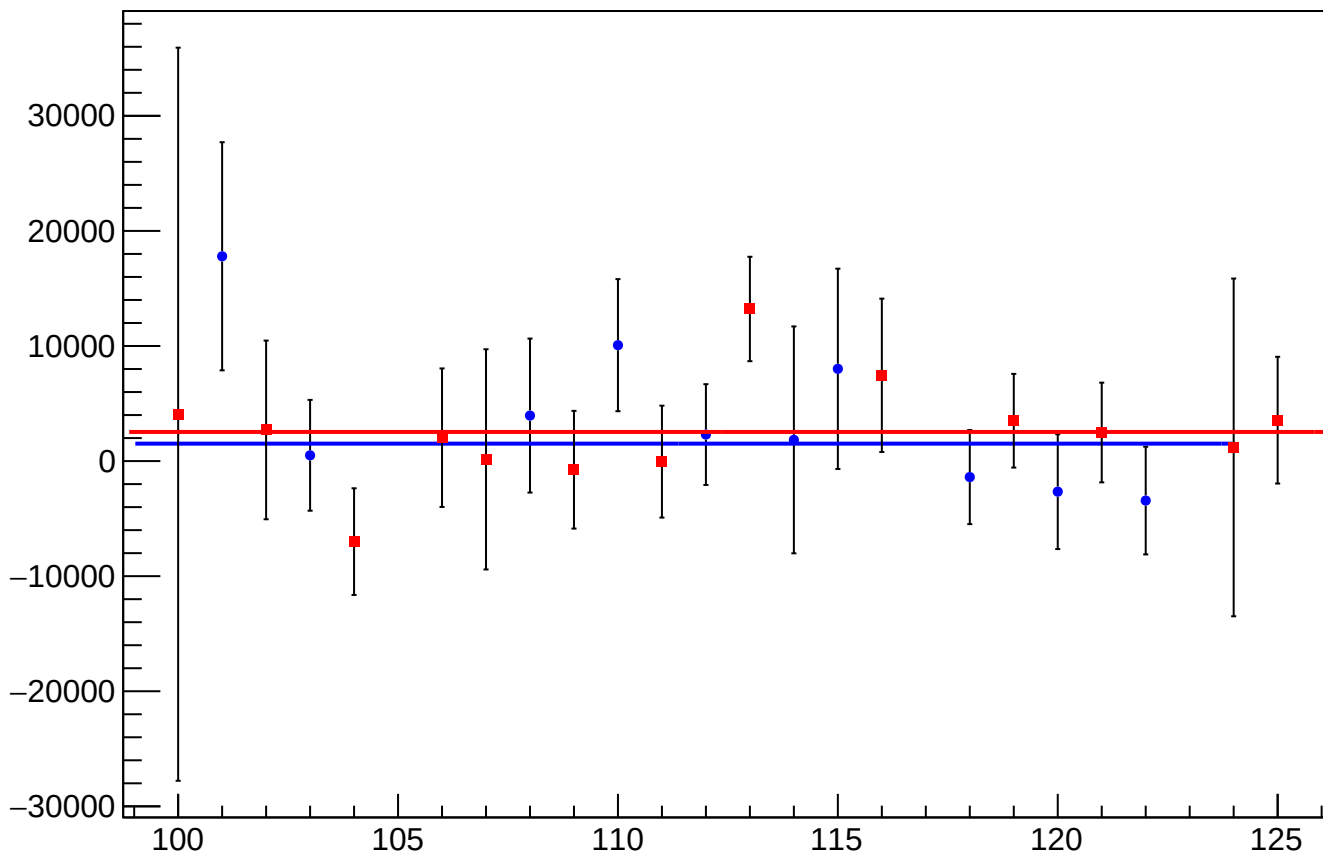
Right: 2729.843+/-0.668 χ^2/NDF : 1421608.9/22

In: 2936.612+/-1.058 χ^2/NDF :436529.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2729.843+/-0.668 χ^2/NDF : 1421608.9/22

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: 2531.784+/-1570.294 χ^2/NDF : 11.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

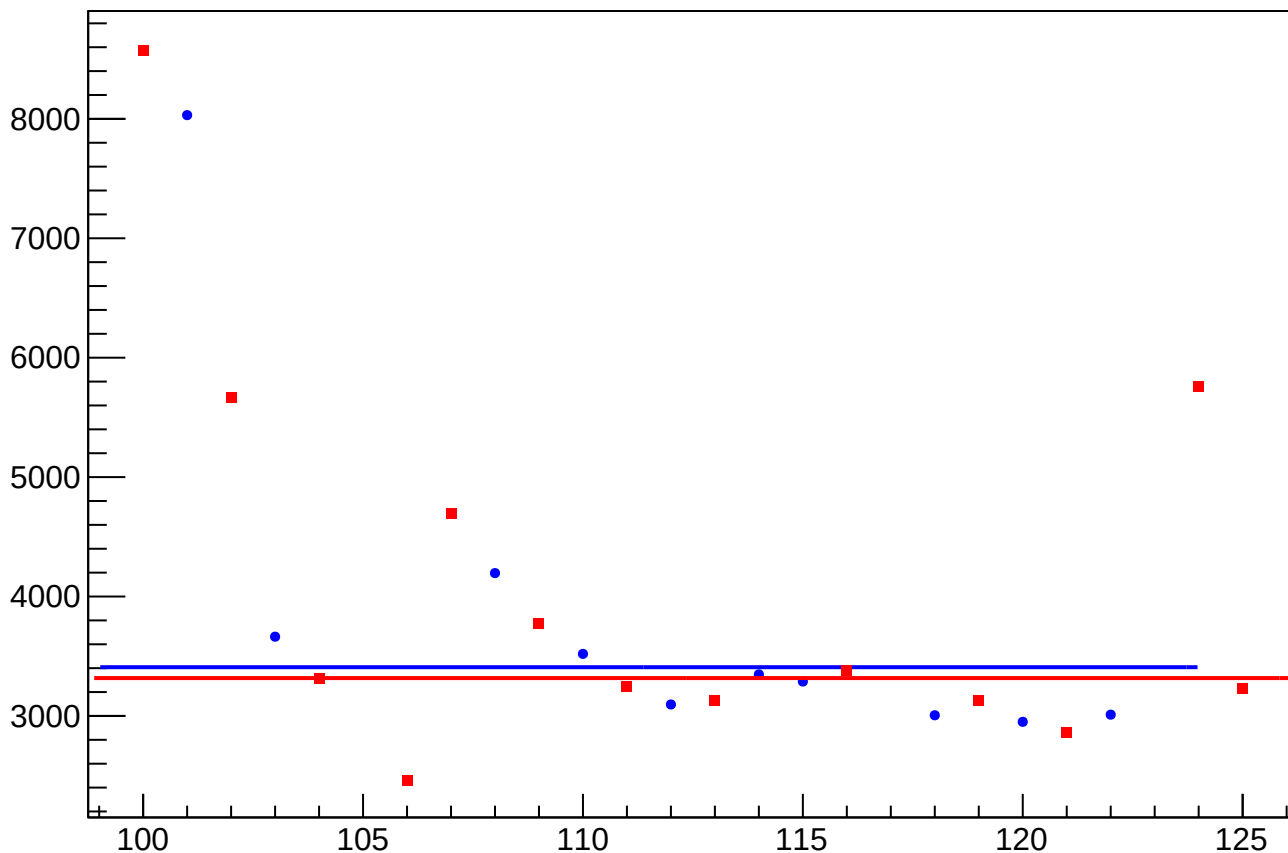
Right: 2077.636+/-1168.150 χ^2/NDF : 19.4/22

In: 1514.893+/-1747.983 χ^2/NDF : 8.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2077.636+/-1168.150 χ^2/NDF : 19.4/22

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: 3317.089+/-1.087 χ^2/NDF : 446958.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

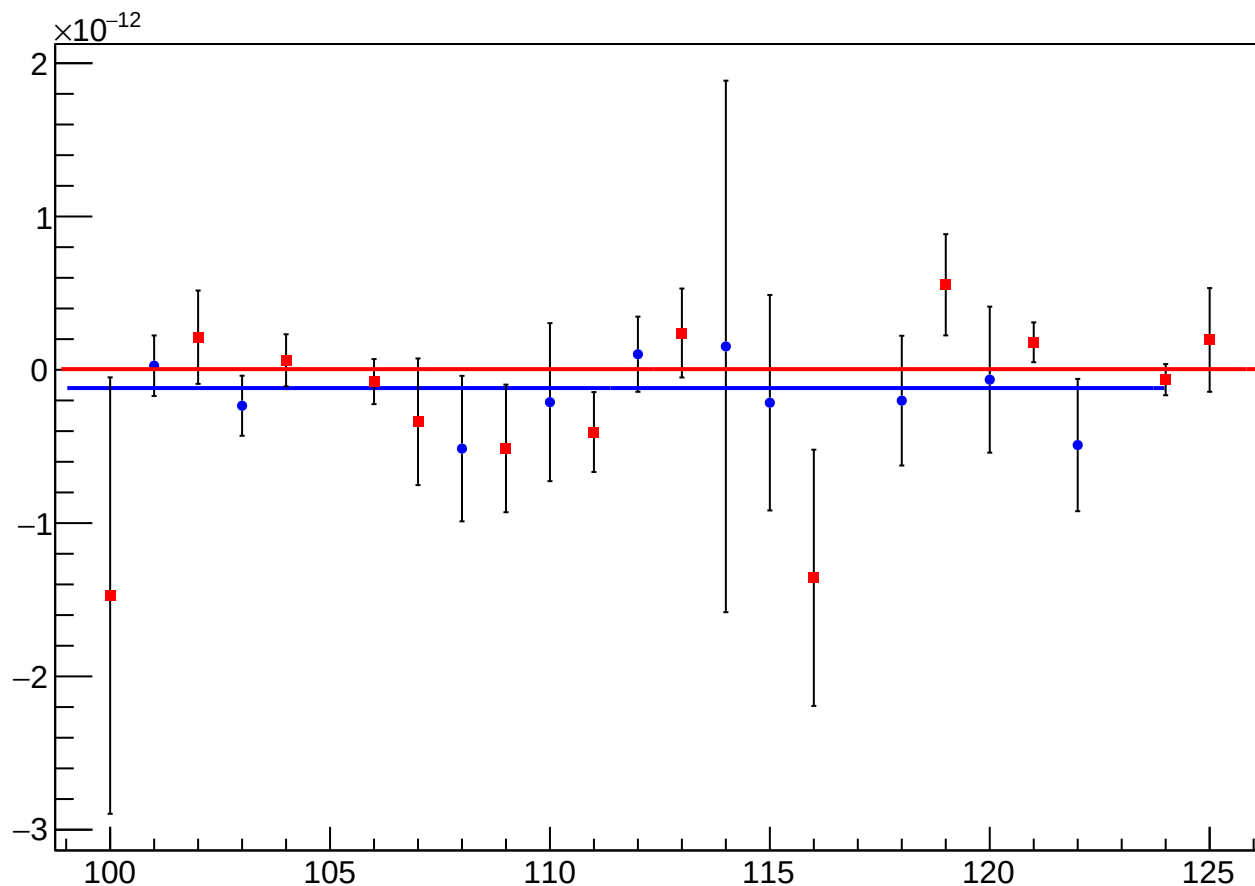
Right: 3356.798+/-0.816 χ^2/NDF : 980463.6/22

In: 3408.124+/-1.236 χ^2/NDF : 530446.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3356.798+/-0.816 χ^2/NDF : 980463.6/22

asym_atr1l2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 3.3/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 15.4/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

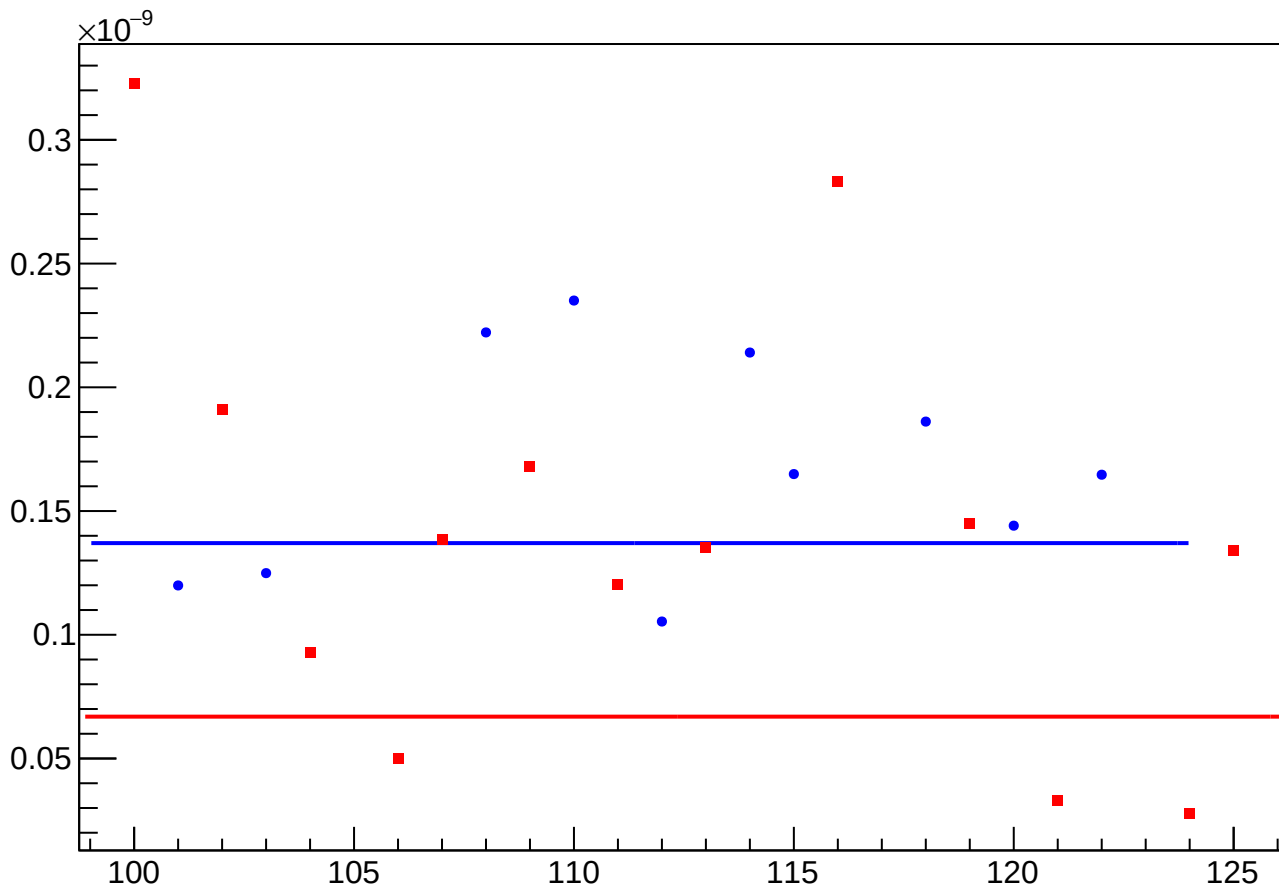
Right: -0.000+/-0.000 χ^2 /NDF: 19.7/22

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: 19.7/22

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 : 1599962.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

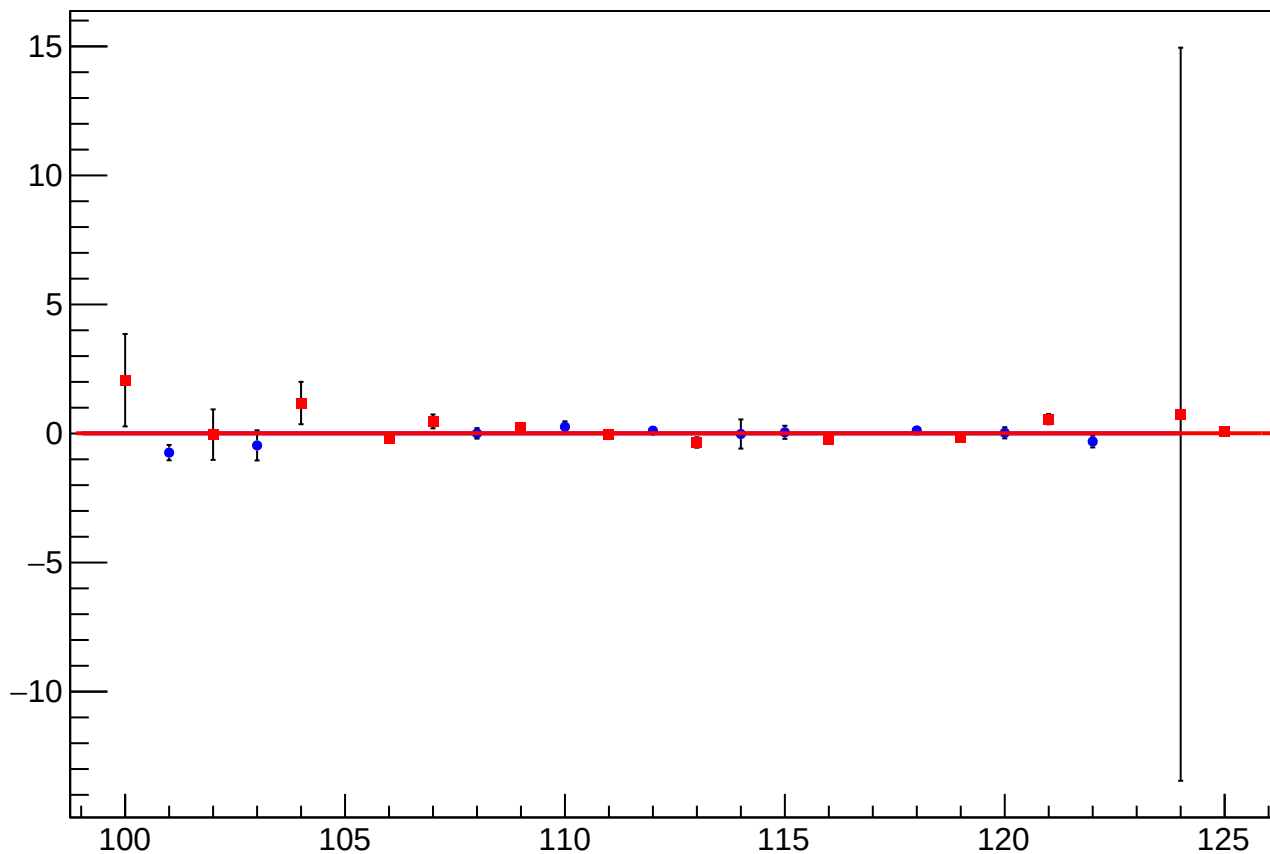
Right: 0.000+/-0.000 χ^2/NDF : 2544721.4/22

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 : 2544721.4/22

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: 0.011+/-0.059 χ^2/NDF : 23.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

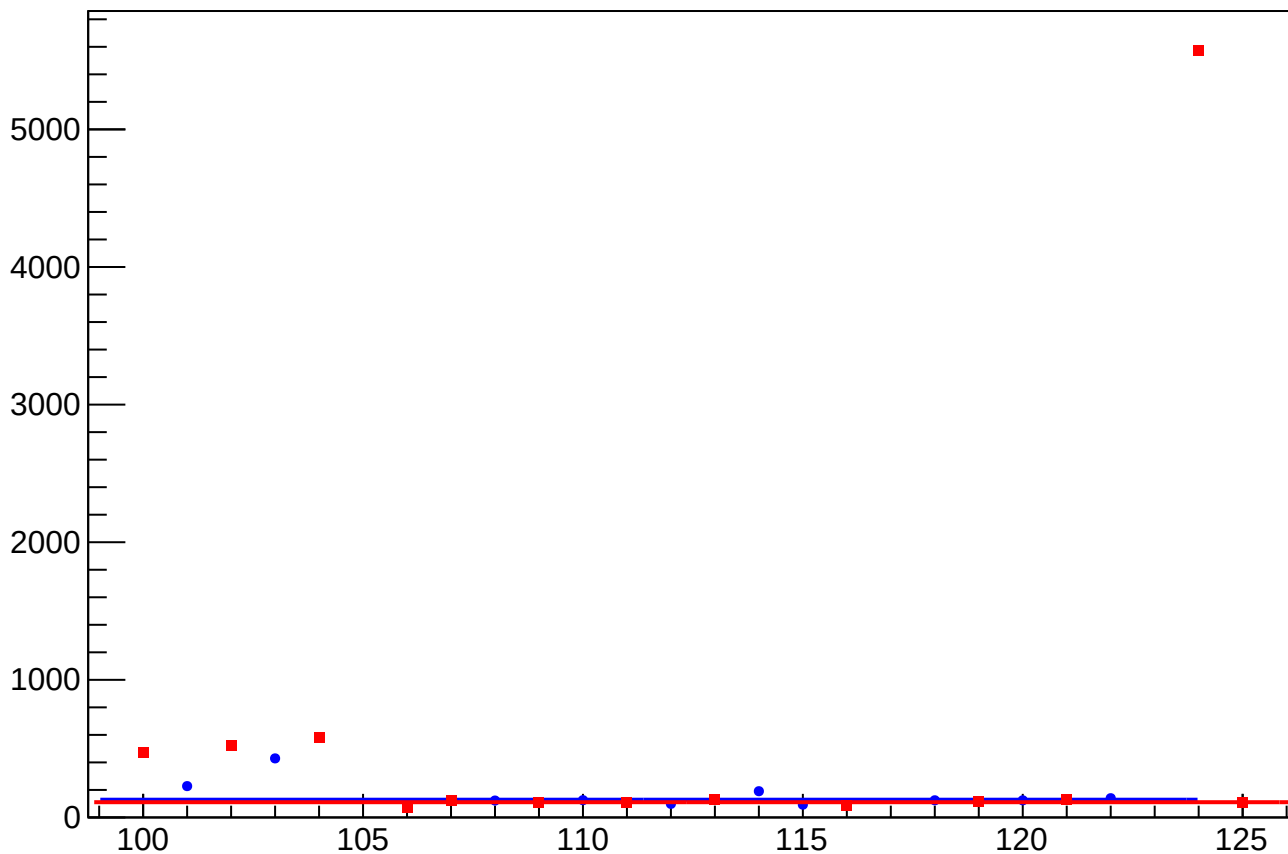
Right: 0.008+/-0.045 χ^2/NDF : 35.0/22

In: 0.004+/-0.071 χ^2/NDF : 11.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.045 χ^2/NDF : 35.0/22

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: 110.846+/-0.042 χ^2/NDF : 1611534.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

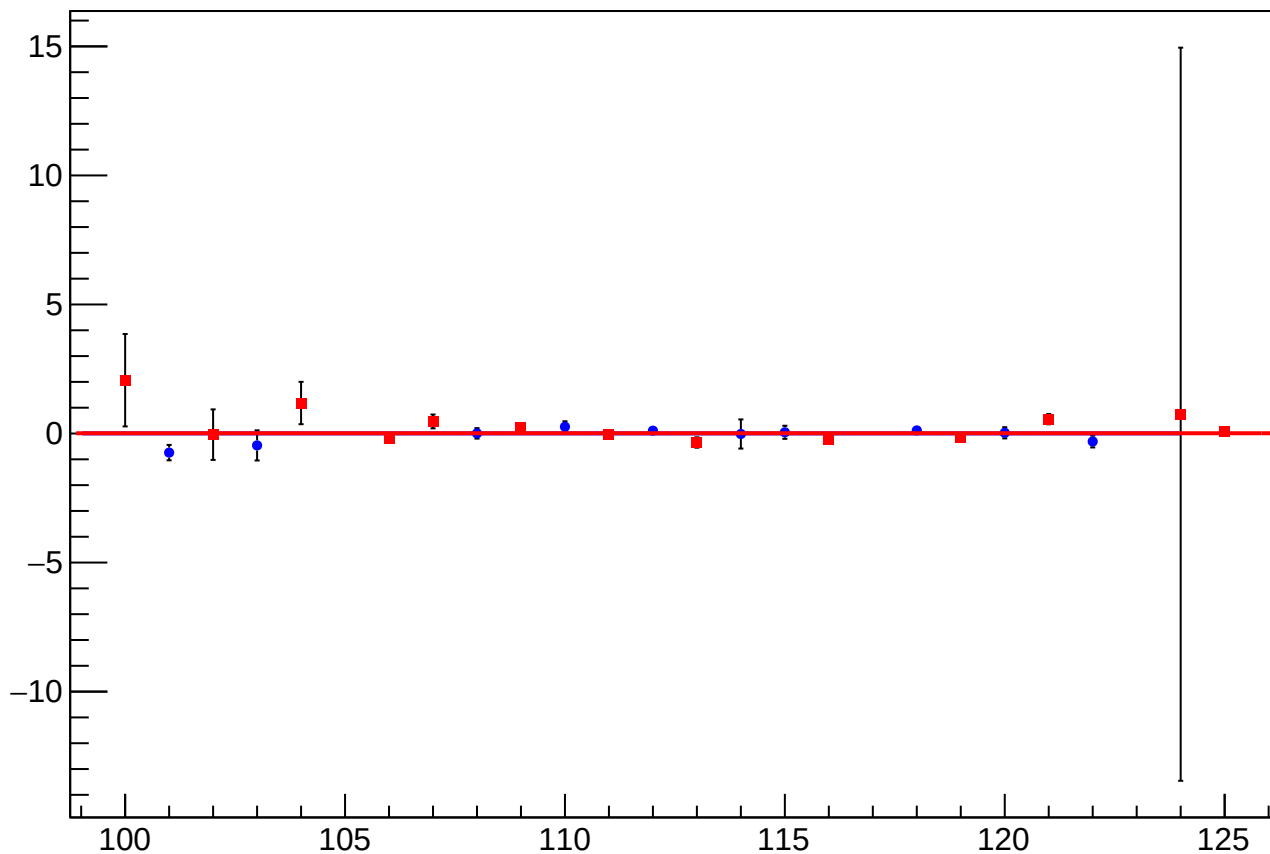
Right: 118.262+/-0.032 χ^2/NDF : 2593779.9/22

In: 128.921+/-0.050 χ^2/NDF : 905467.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.262+/-0.032 χ^2/NDF : 2593779.9/22

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: 0.011+/-0.059 χ^2/NDF : 23.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

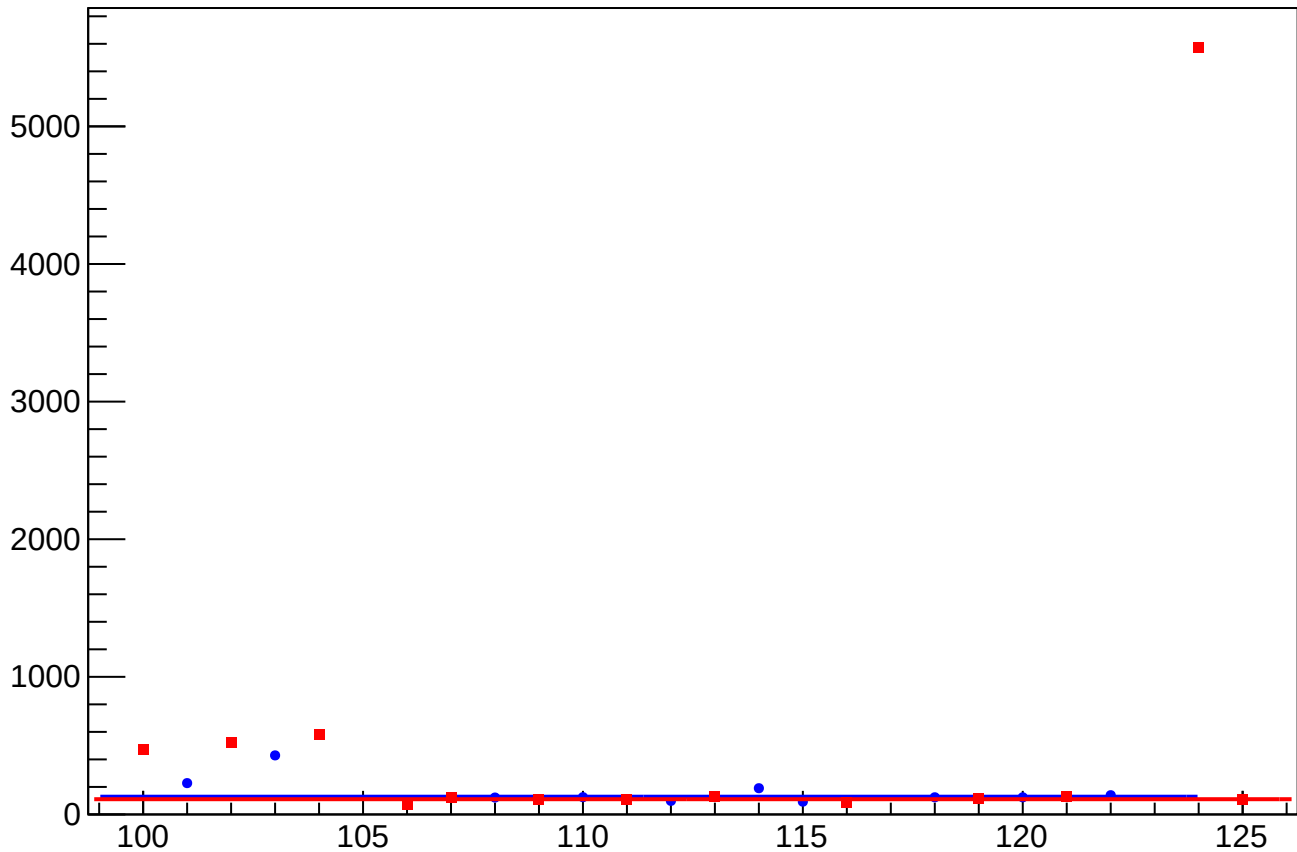
Right: 0.008+/-0.045 χ^2/NDF : 35.0/22

In: 0.004+/-0.071 χ^2/NDF : 11.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.045 χ^2/NDF : 35.0/22

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: 110.846+/-0.042 χ^2/NDF : 1611534.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

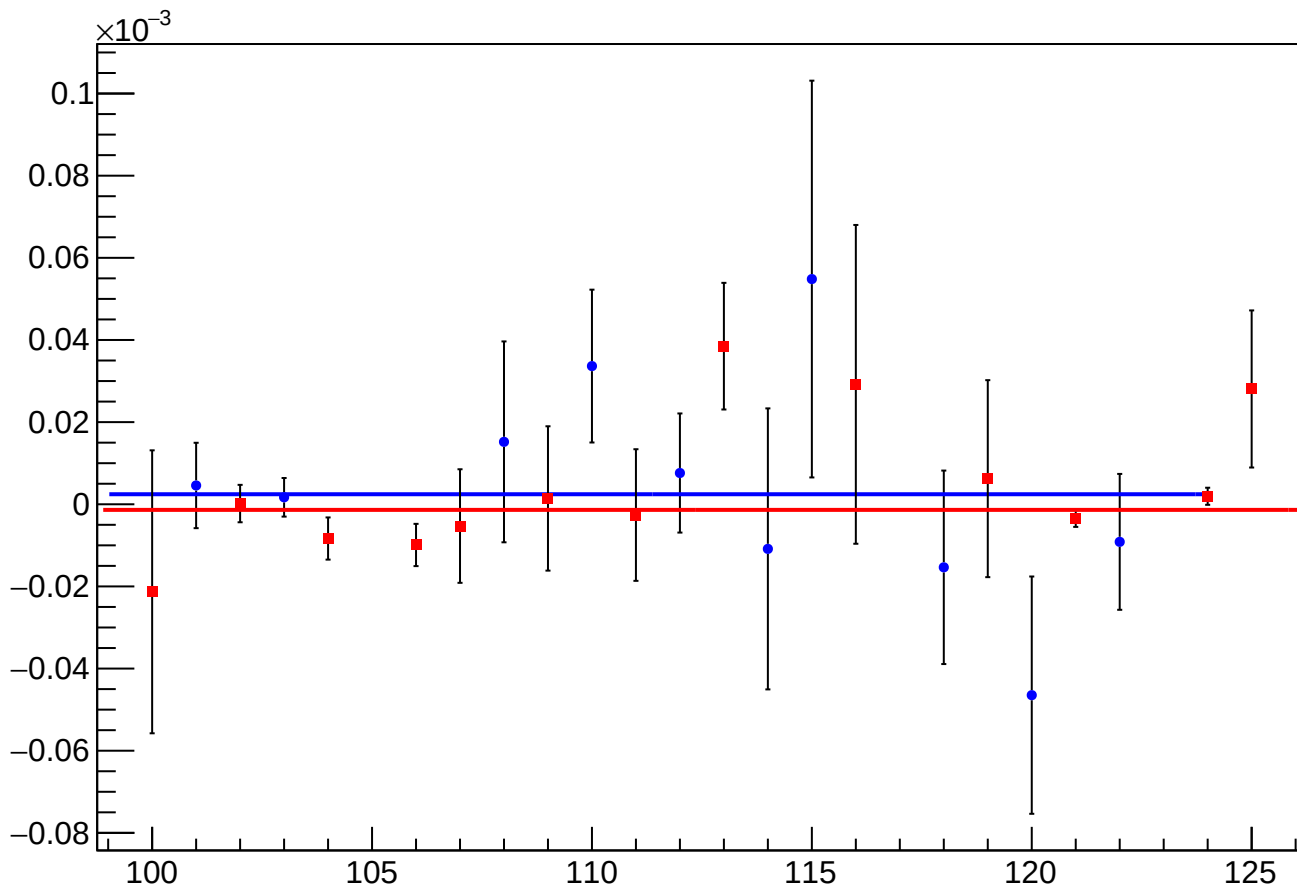
Right: 118.262+/-0.032 χ^2/NDF : 2593779.9/22

In: 128.921+/-0.050 χ^2/NDF : 905467.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.262+/-0.032 χ^2/NDF : 2593779.9/22

asym_atr1l2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 8.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 18.5/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

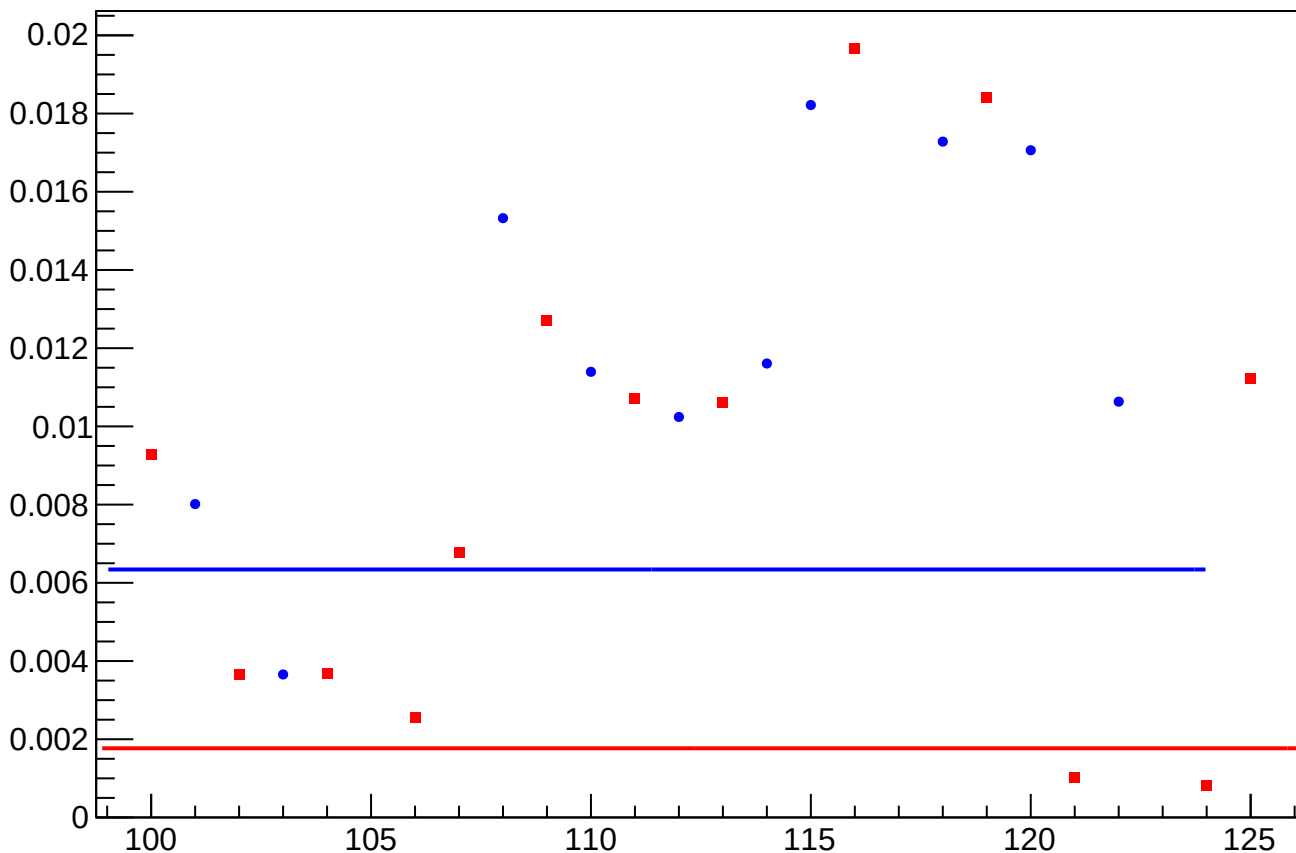
Right: -0.000 ± 0.000 χ^2/NDF : 28.0/22

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 : 28.0/22

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 : 5655573.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

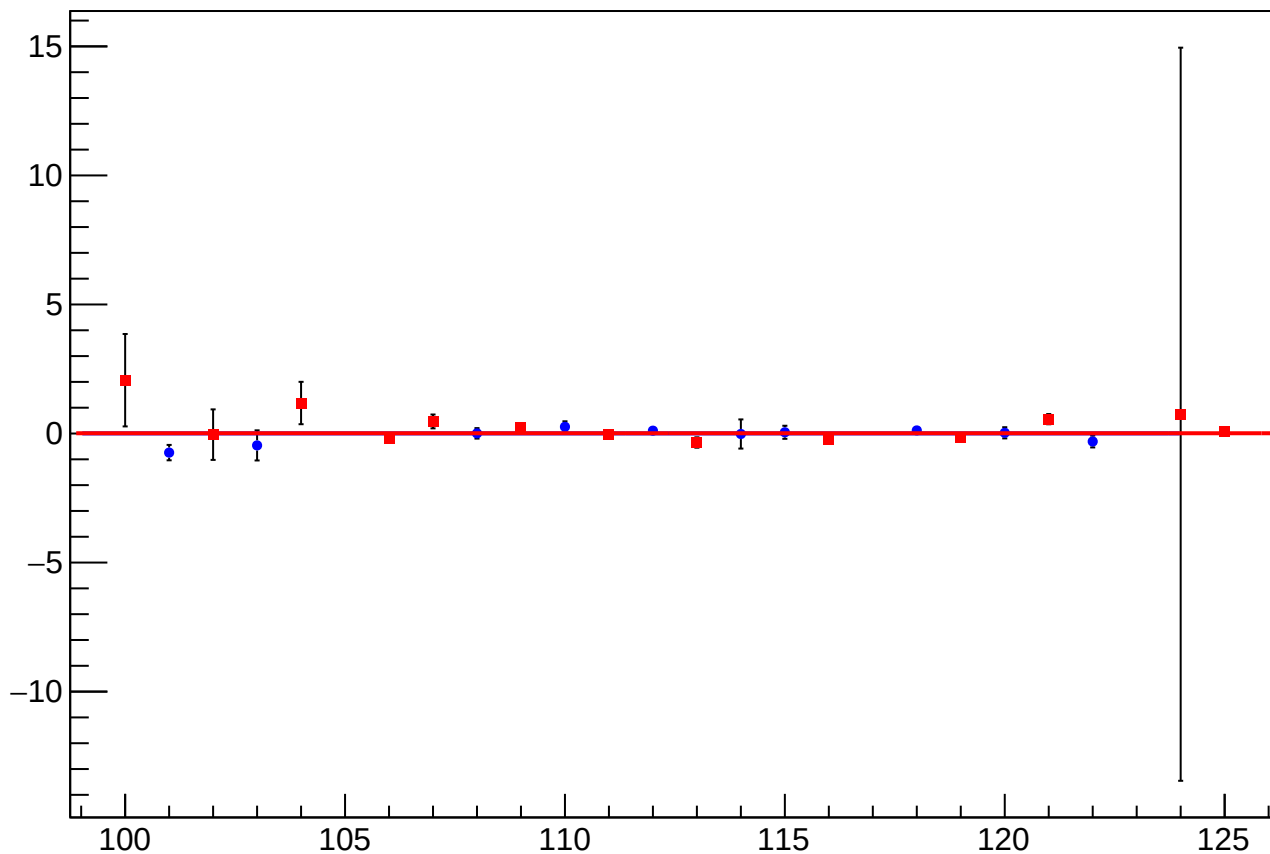
Right: 0.002+/-0.000 χ^2/NDF : 10620420.8/22

In: 0.006+/-0.000 χ^2/NDF :2276608.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 10620420.8/22

asym_atr1l2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.071 χ^2/NDF : 11.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.059 χ^2/NDF : 23.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

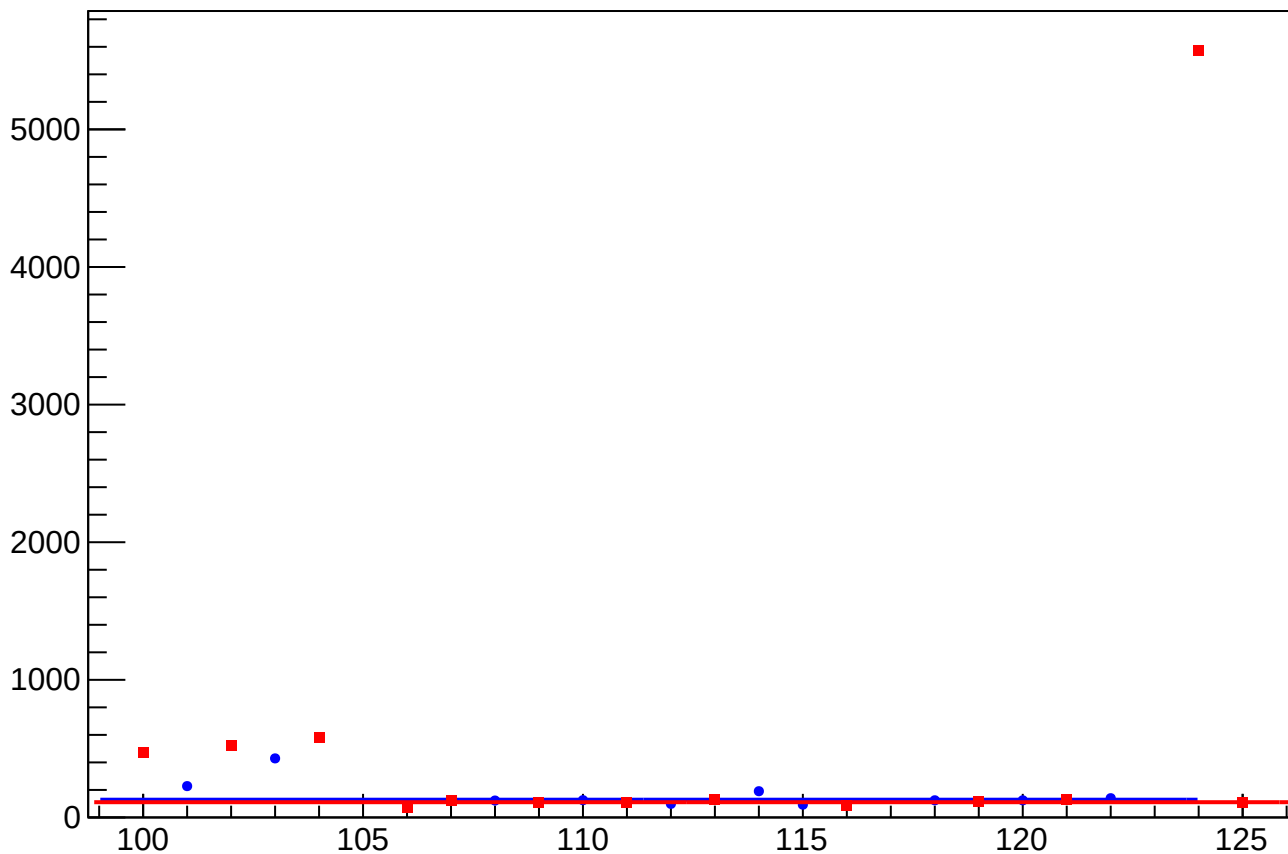
Right: 0.008+/-0.045 χ^2/NDF : 35.0/22

In: 0.004+/-0.071 χ^2/NDF : 11.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.045 χ^2/NDF : 35.0/22

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: 110.847+/-0.042 χ^2/NDF : 1611495.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

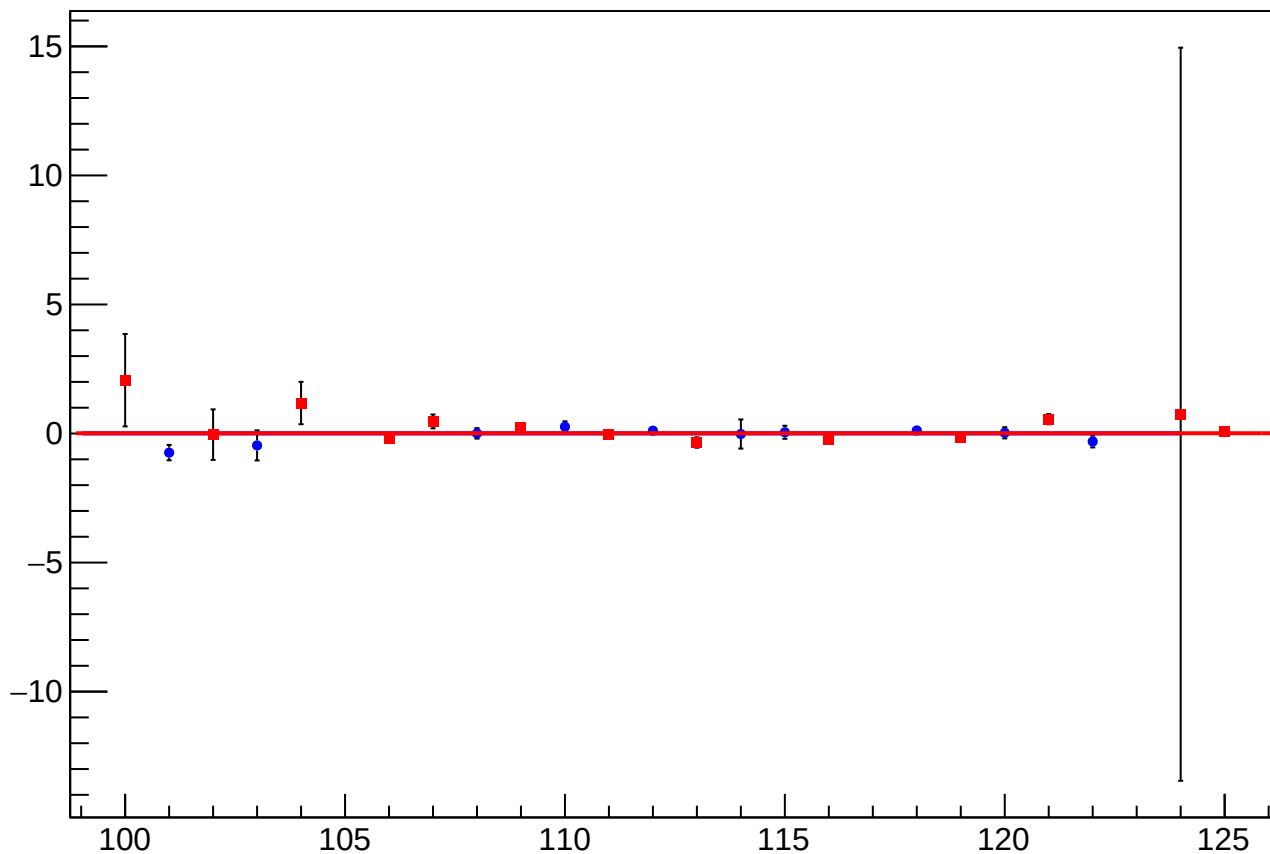
Right: 118.264+/-0.032 χ^2/NDF : 2593700.2/22

In: 128.923+/-0.050 χ^2/NDF : 905414.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.264+/-0.032 χ^2/NDF : 2593700.2/22

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: 0.011+/-0.059 χ^2/NDF : 23.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

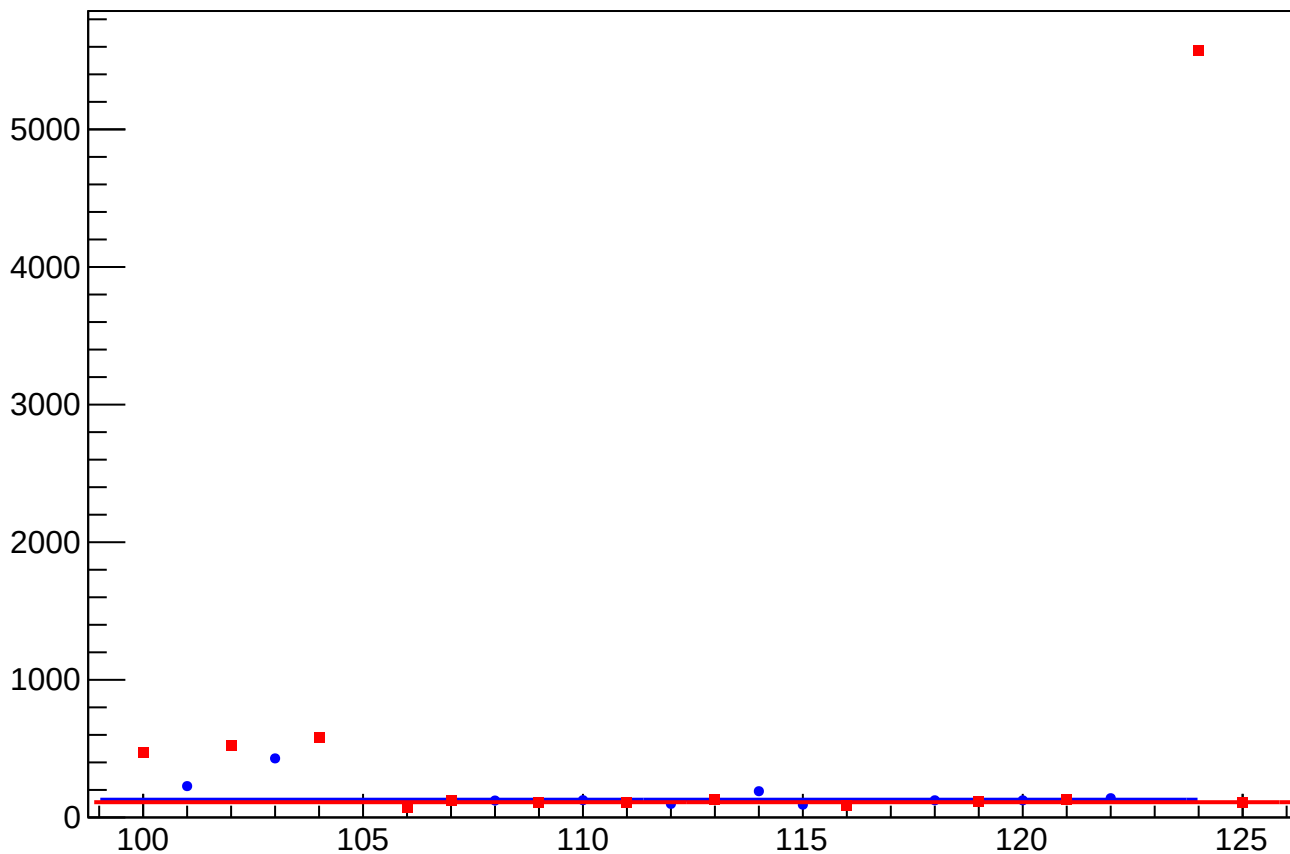
Right: 0.008+/-0.045 χ^2/NDF : 35.0/22

In: 0.004+/-0.071 χ^2/NDF : 11.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.045 χ^2/NDF : 35.0/22

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: 110.847+/-0.042 χ^2/NDF : 1611495.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

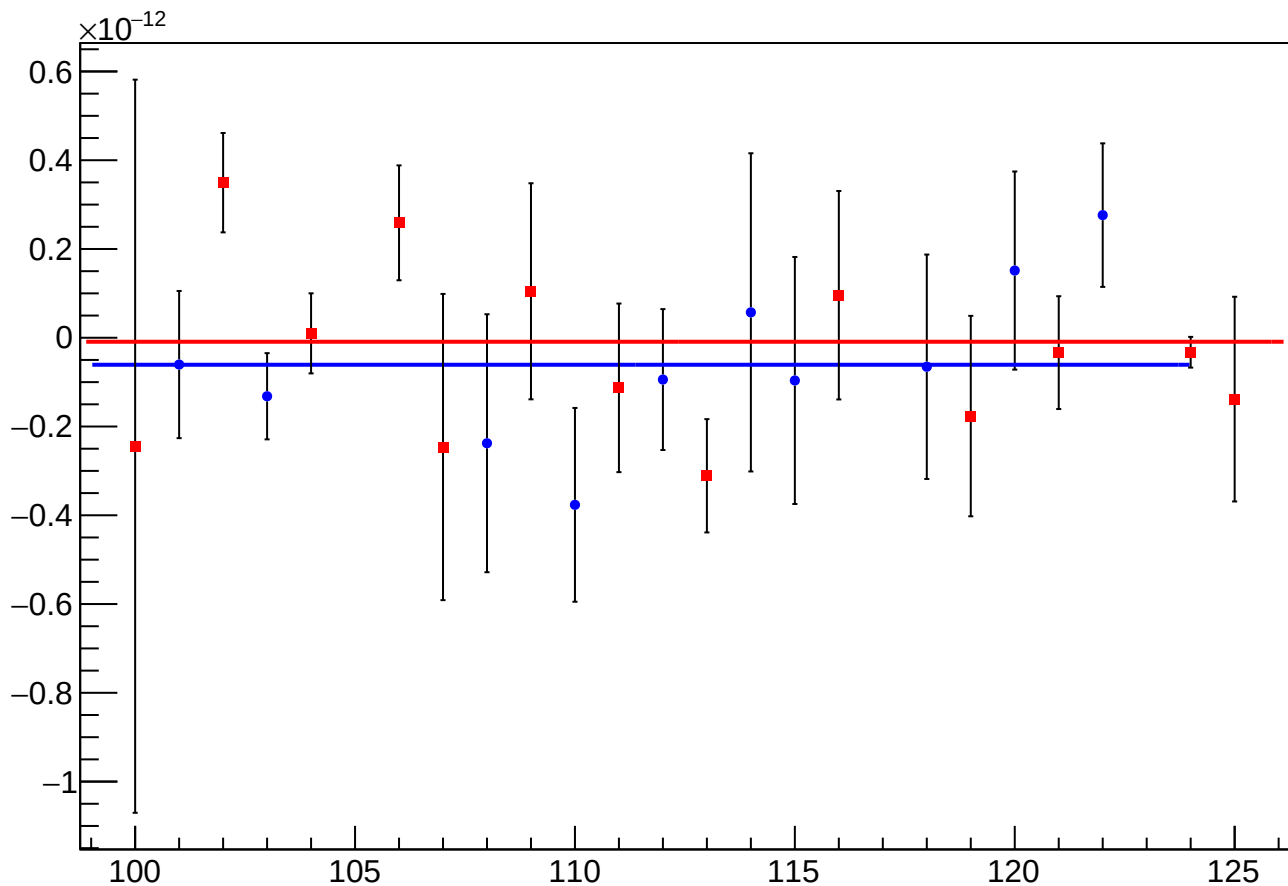
Right: 118.264+/-0.032 χ^2/NDF : 2593700.2/22

In: 128.923+/-0.050 χ^2/NDF : 905414.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.264+/-0.032 χ^2/NDF : 2593700.2/22

asym_atr1l2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 22.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

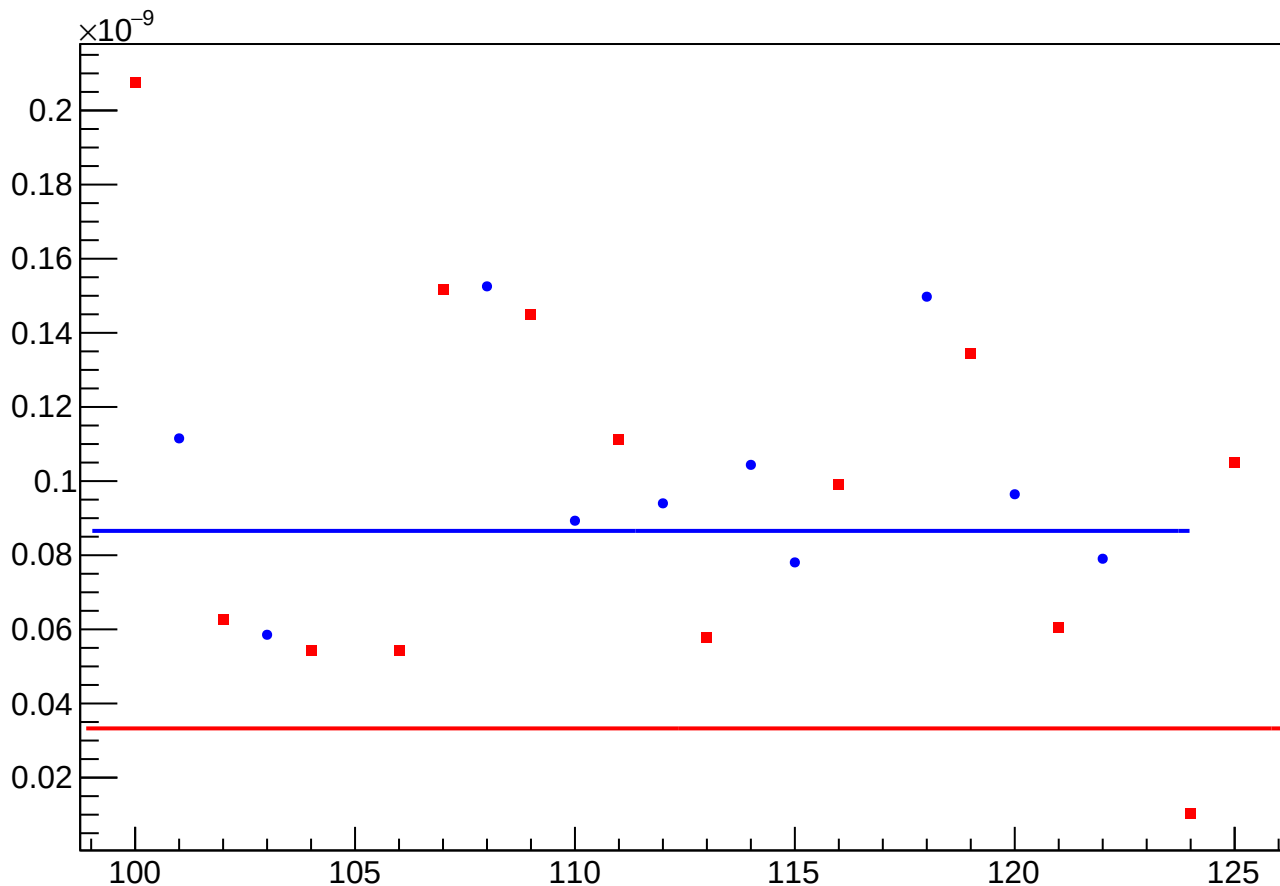
Right: -0.000+/-0.000 χ^2/NDF : 31.9/22

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 : 31.9/22

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 : 3189760.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

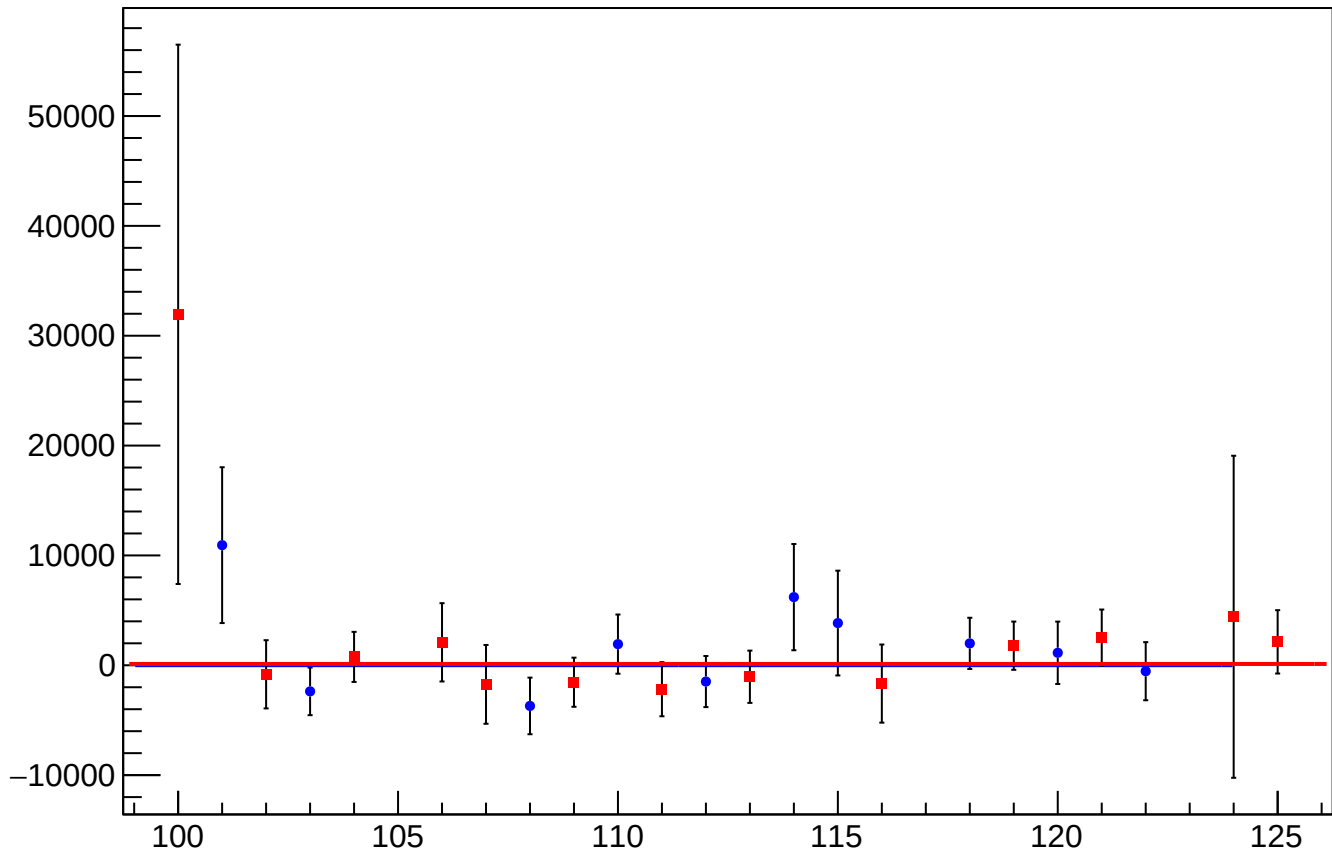
Right: 0.000+/-0.000 χ^2/NDF : 5075931.3/22

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 : 5075931.3/22

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: 120.427+/-800.770 χ^2/NDF : 6.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

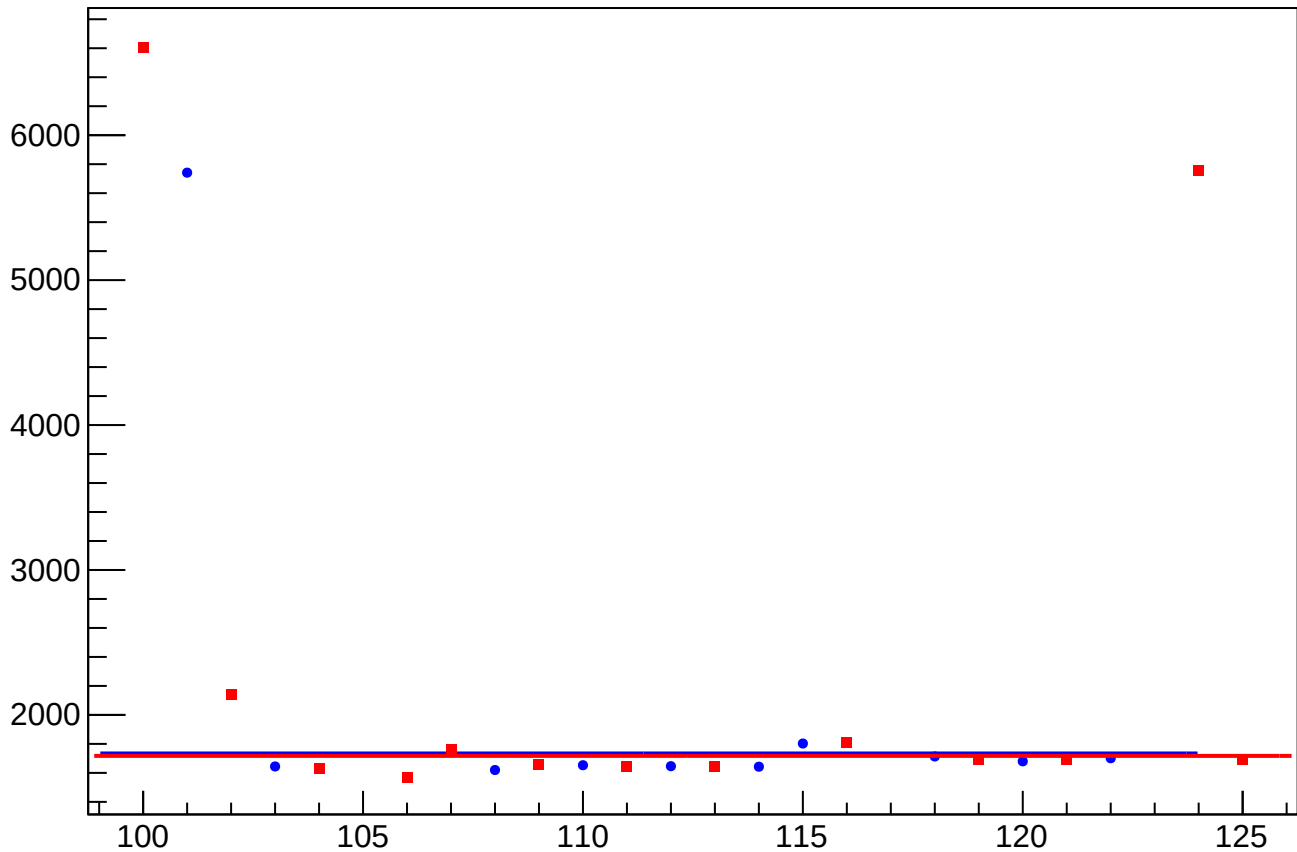
Right: 71.278+/-597.299 χ^2/NDF : 16.1/22

In: 9.636+/-896.775 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.278+/-597.299 χ^2/NDF : 16.1/22

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: 1717.313+/-0.560 χ^2/NDF : 283735.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

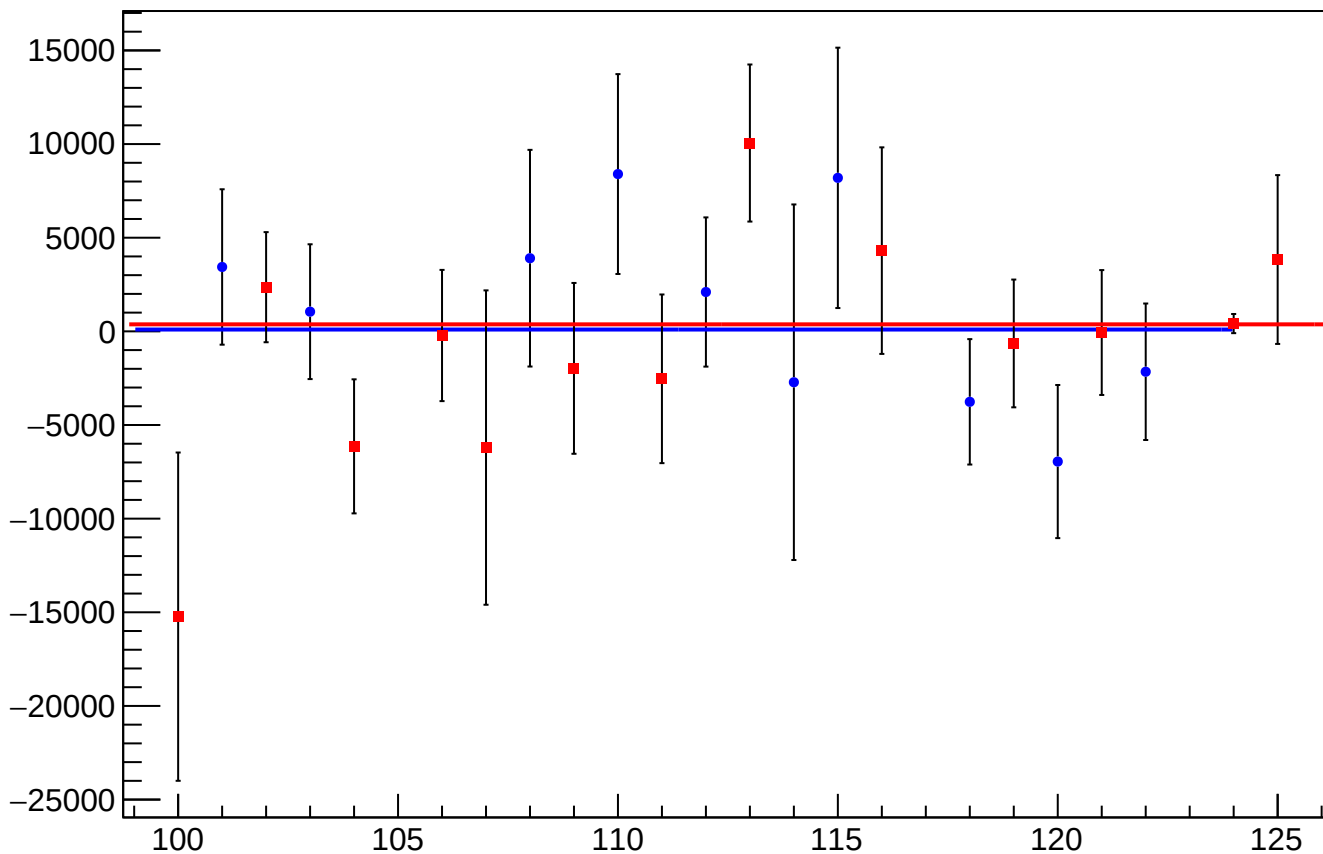
Right: 1724.583+/-0.420 χ^2/NDF : 936938.9/22

In: 1733.902+/-0.634 χ^2/NDF : 652818.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1724.583+/-0.420 χ^2/NDF : 936938.9/22

asym_atr1l2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 96.924 $\pm$ 1387.440 χ^2 /NDF: 10.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 374.282 $\pm$ 469.503 χ^2 /NDF: 14.8/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

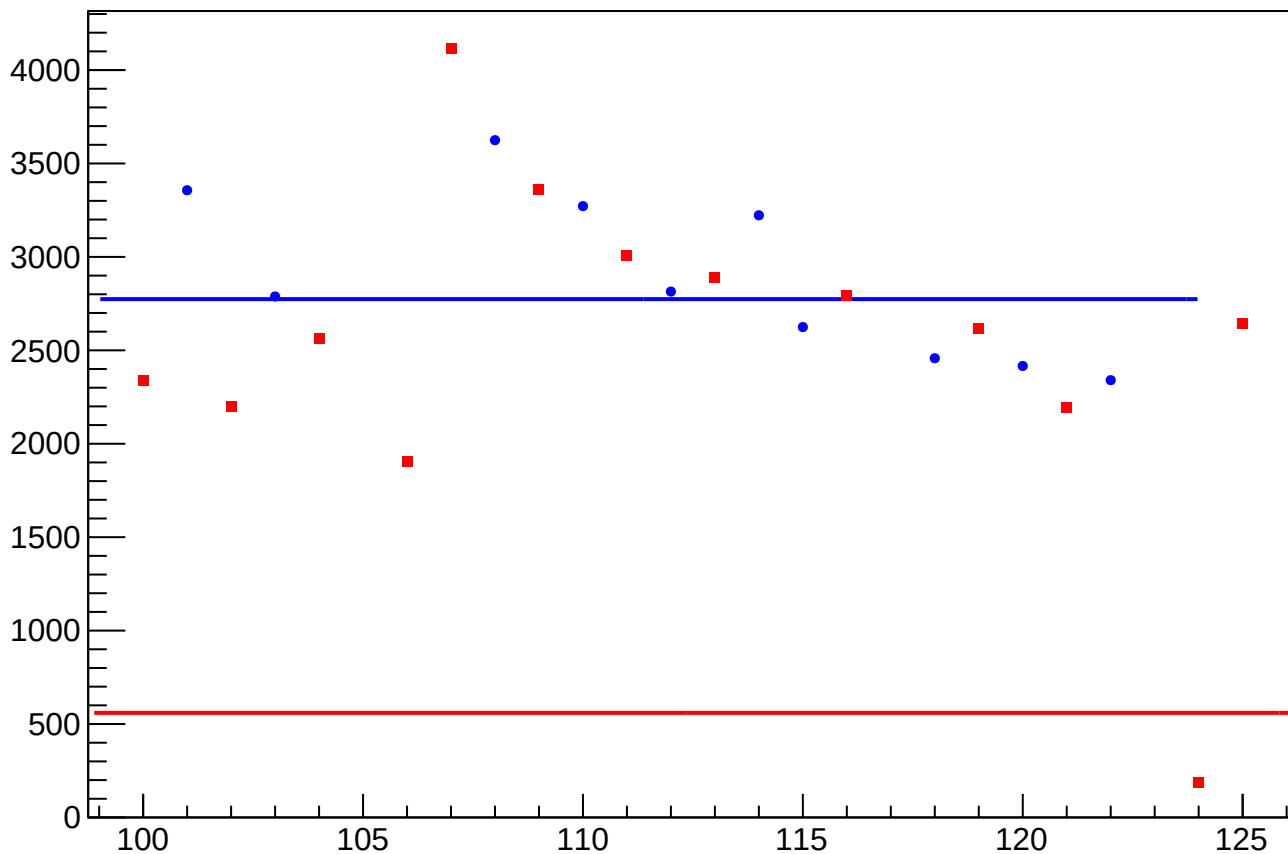
Right: 345.785 $\pm$ 444.730 χ^2 /NDF: 24.8/22

In: 96.924 $\pm$ 1387.440 χ^2 /NDF:10.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 345.785 $\pm$ 444.730 χ^2 /NDF: 24.8/22

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: 559.799+/-0.332 χ^2/NDF : 6962526.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

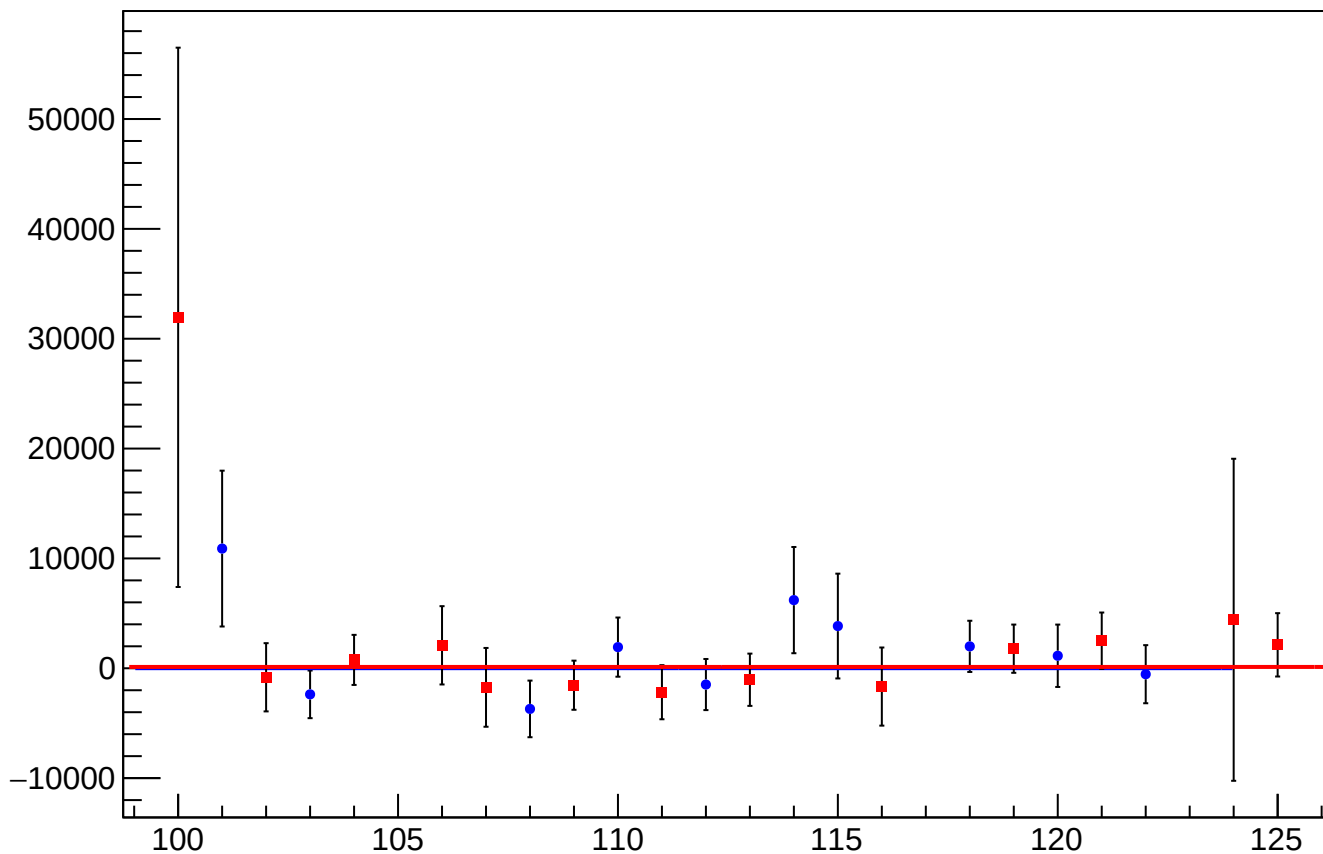
Right: 787.301+/-0.314 χ^2/NDF : 11700268.5/22

In: 2774.027+/-0.981 χ^2/NDF :167261.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 787.301+/-0.314 χ^2/NDF : 11700268.5/22

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: 120.534+/-800.770 χ^2/NDF : 6.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

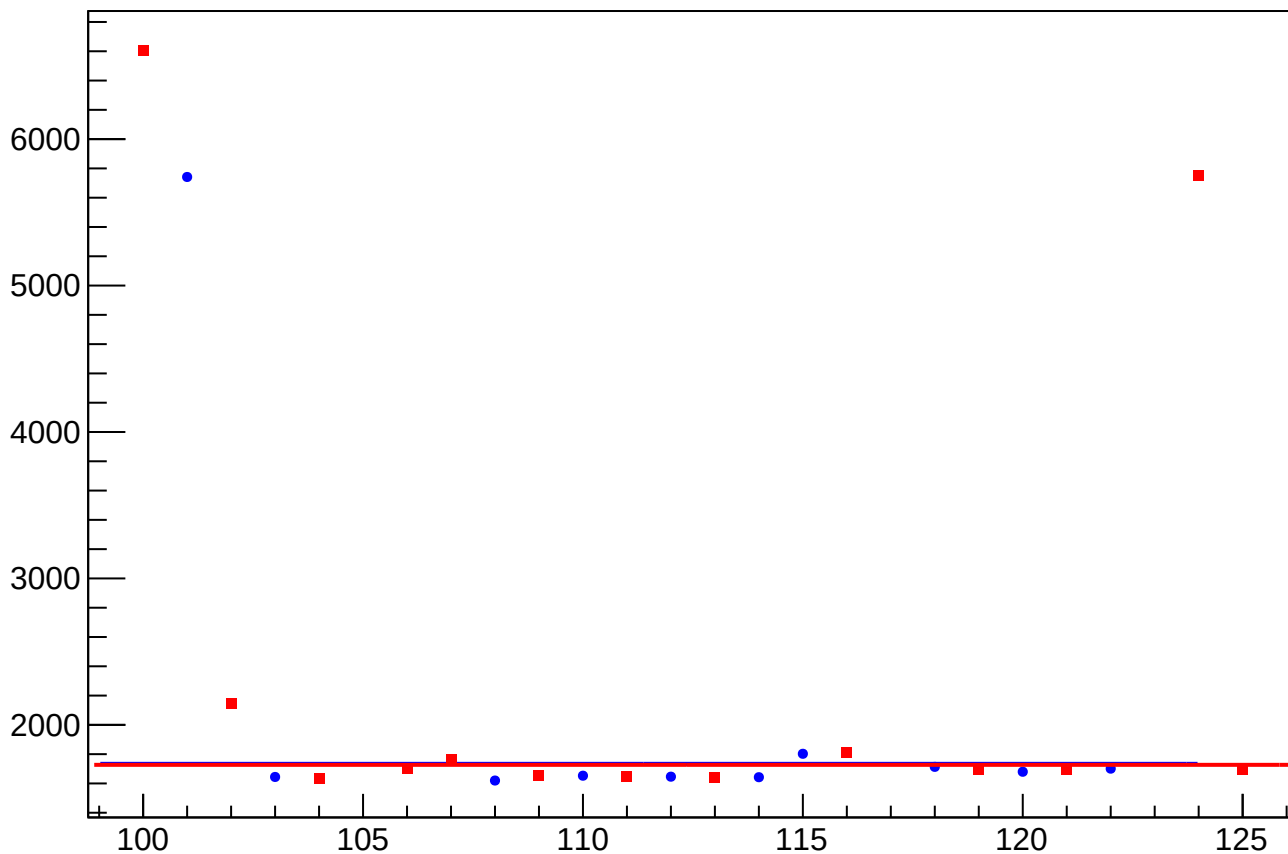
Right: 70.989+/-597.299 χ^2/NDF : 16.1/22

In: 8.851+/-896.775 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.989+/-597.299 χ^2/NDF : 16.1/22

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: 1727.046+/-0.563 χ^2/NDF : 278448.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

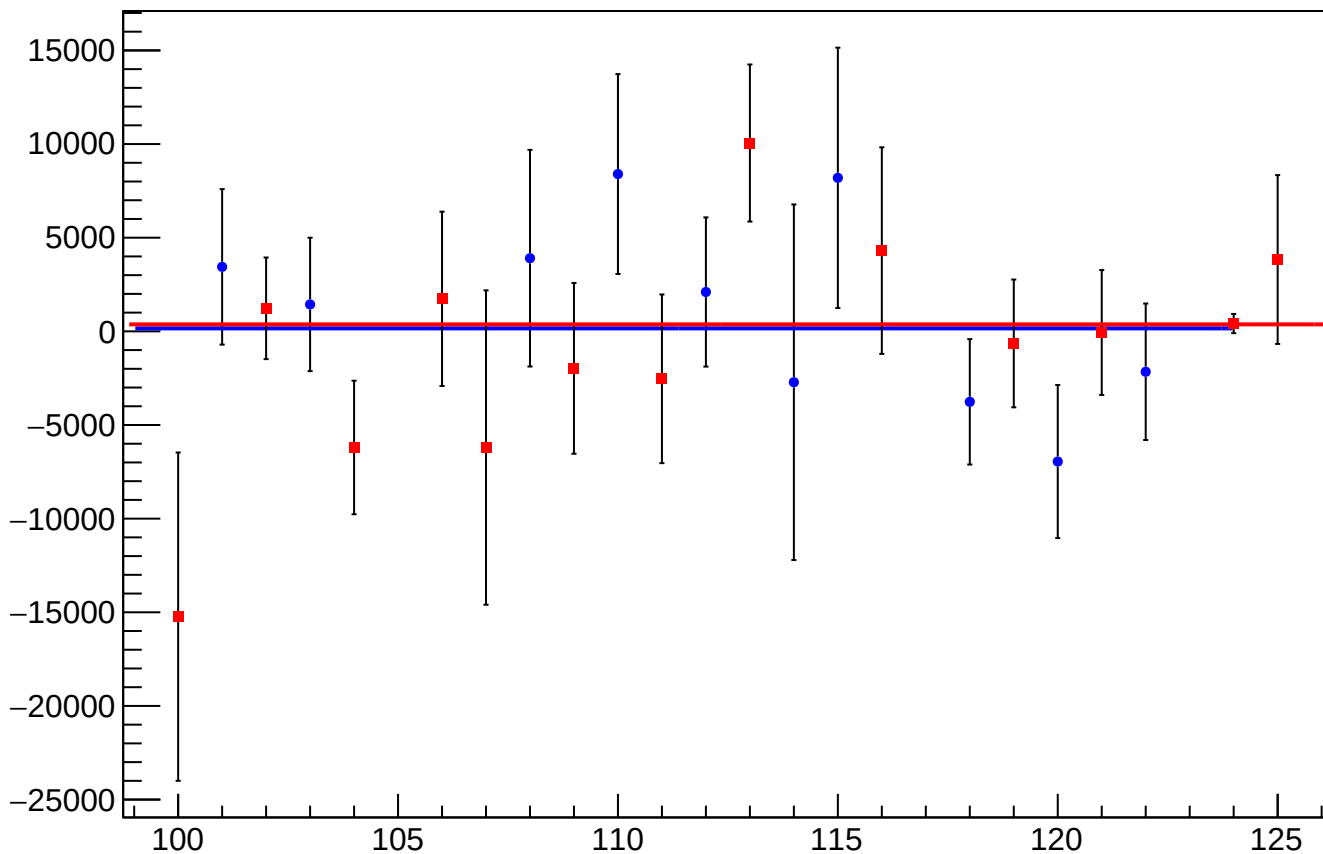
Right: 1730.068+/-0.421 χ^2/NDF : 931332.7/22

In: 1733.901+/-0.634 χ^2/NDF : 652819.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1730.068+/-0.421 χ^2/NDF : 931332.7/22

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: 371.959+/-470.489 χ^2/NDF : 14.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

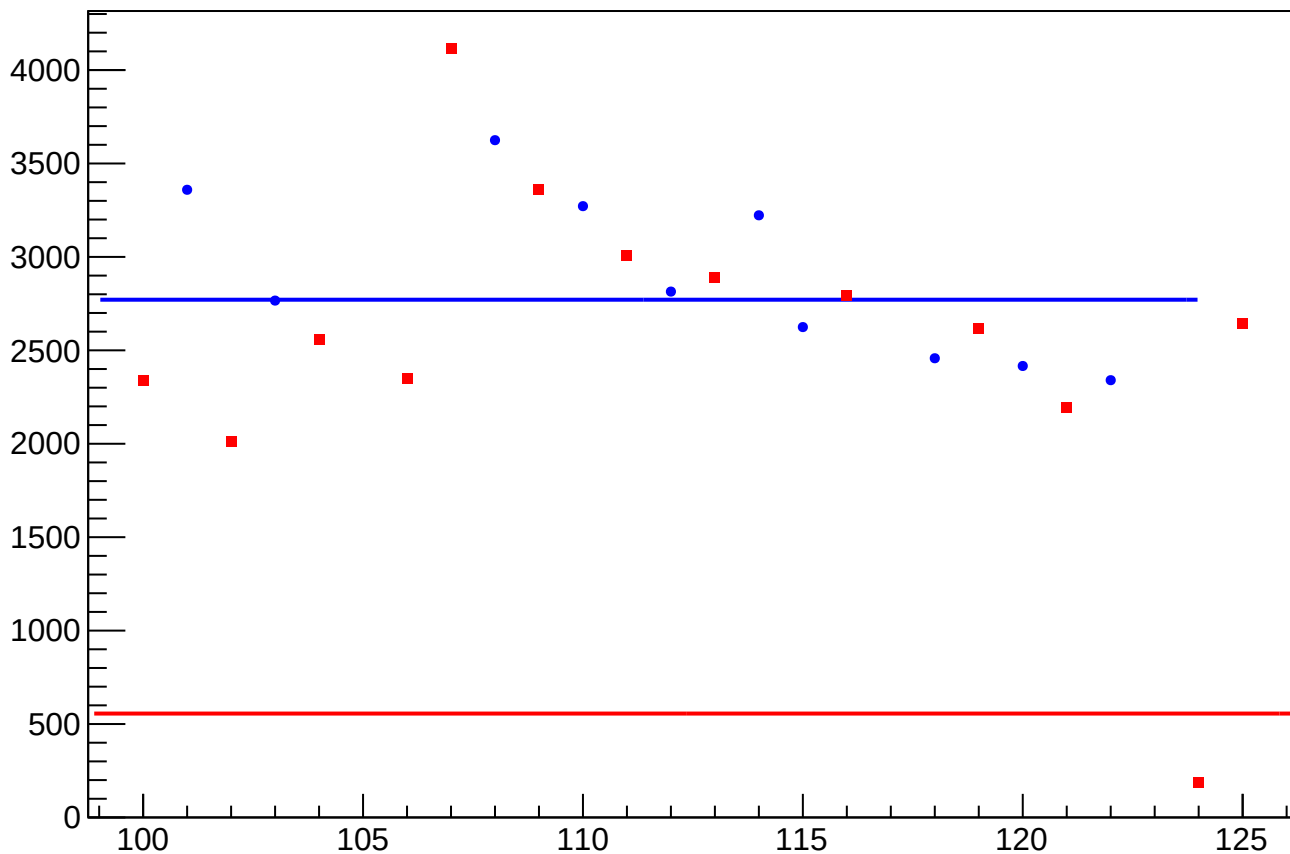
Right: 349.864+/-445.498 χ^2/NDF : 24.6/22

In: 158.299+/-1385.365 χ^2/NDF : 10.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 349.864+/-445.498 χ^2/NDF : 24.6/22

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: 556.039+/-0.333 χ^2/NDF : 6911265.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

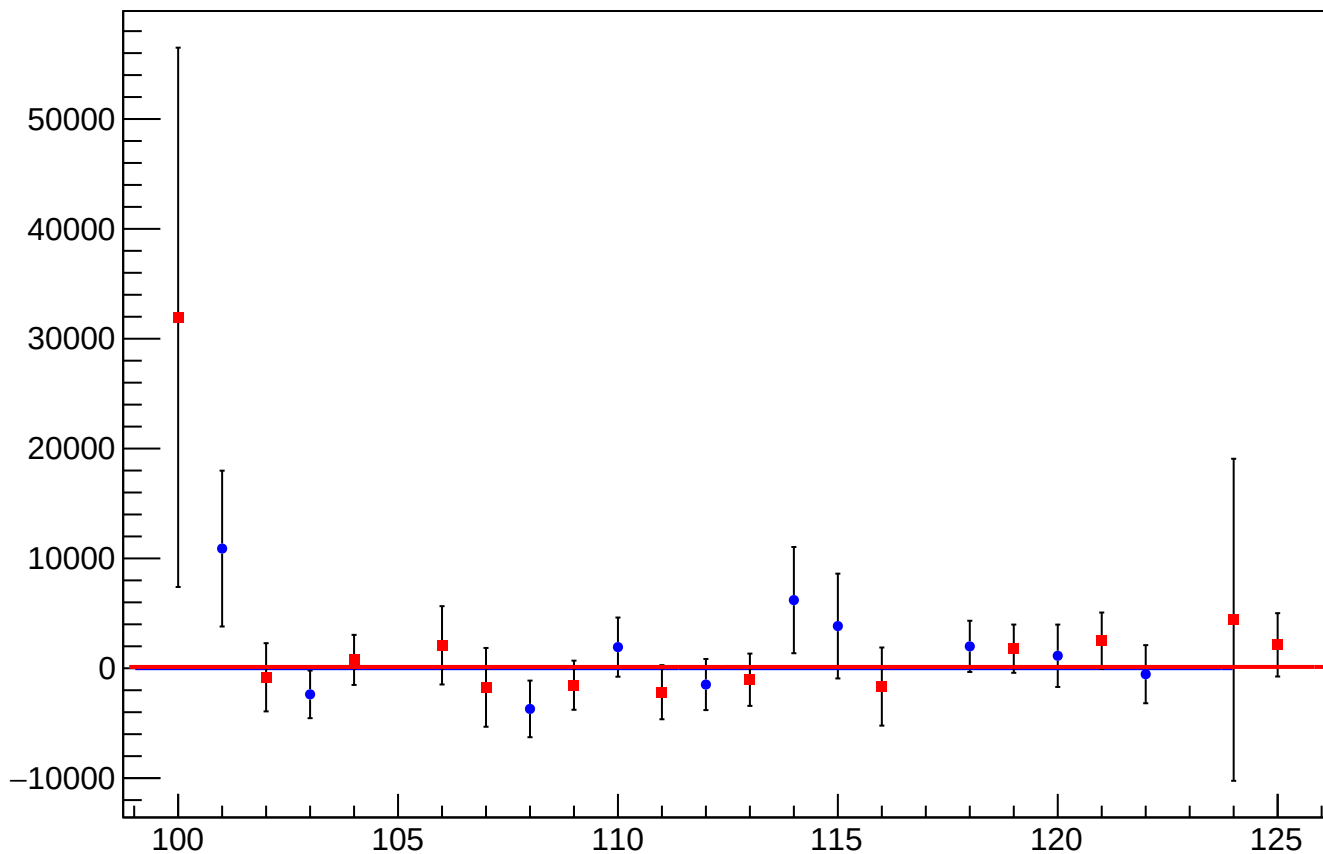
Right: 785.081+/-0.315 χ^2/NDF : 11662305.3/22

In: 2770.927+/-0.980 χ^2/NDF : 167527.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 785.081+/-0.315 χ^2/NDF : 11662305.3/22

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: 120.534+/-800.770 χ^2/NDF : 6.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

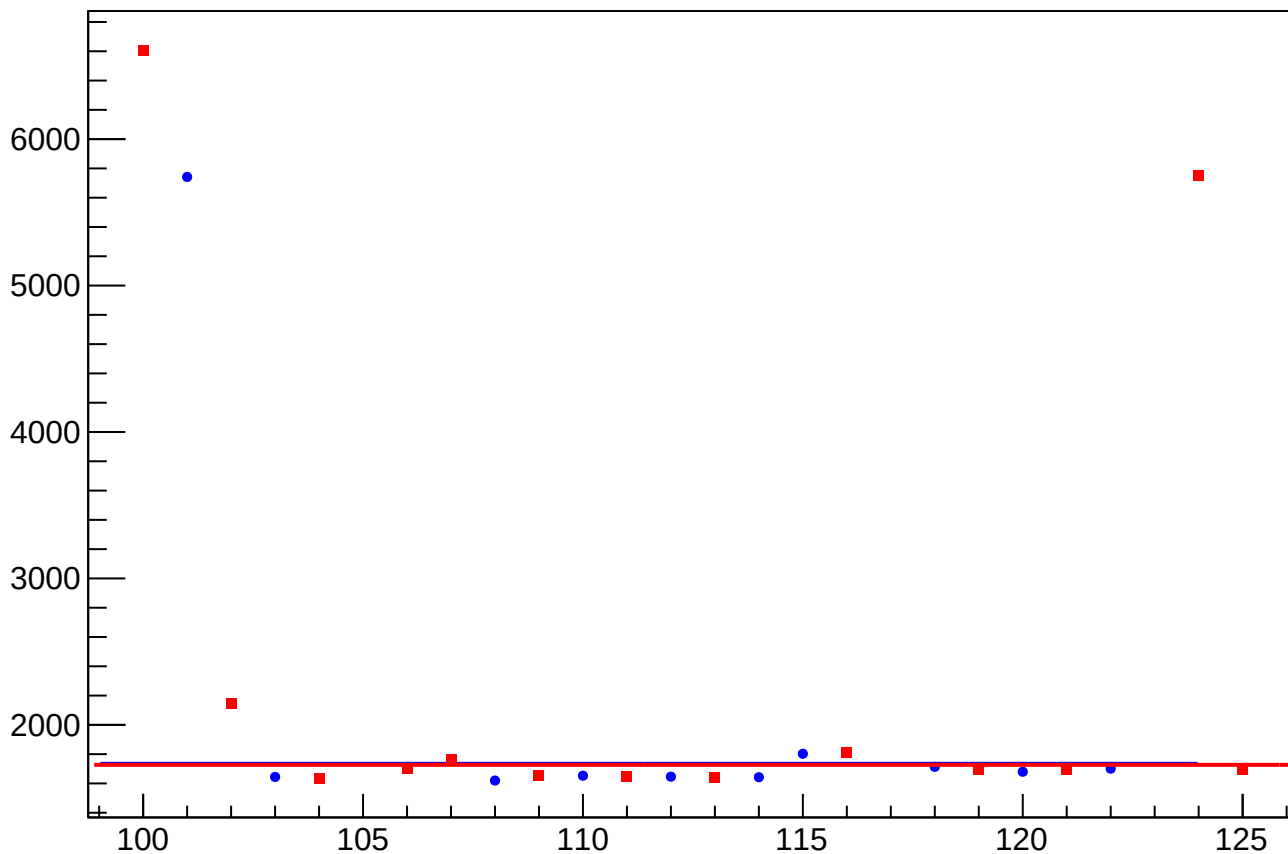
Right: 70.989+/-597.299 χ^2/NDF : 16.1/22

In: 8.851+/-896.775 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.989+/-597.299 χ^2/NDF : 16.1/22

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: 1727.046+/-0.563 χ^2/NDF : 278448.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

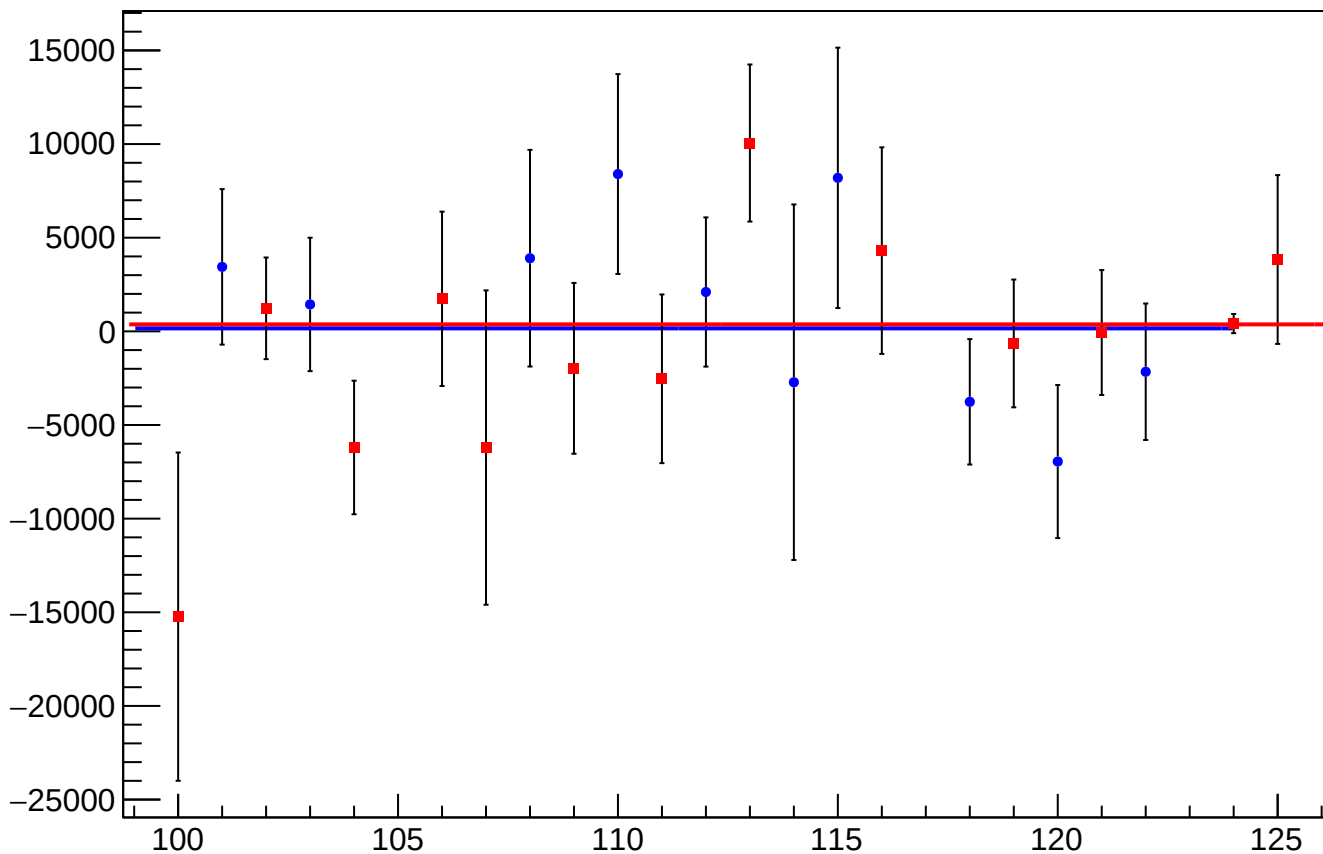
Right: 1730.068+/-0.421 χ^2/NDF : 931332.7/22

In: 1733.901+/-0.634 χ^2/NDF : 652819.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1730.068+/-0.421 χ^2/NDF : 931332.7/22

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: 371.959+/-470.489 χ^2/NDF : 14.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

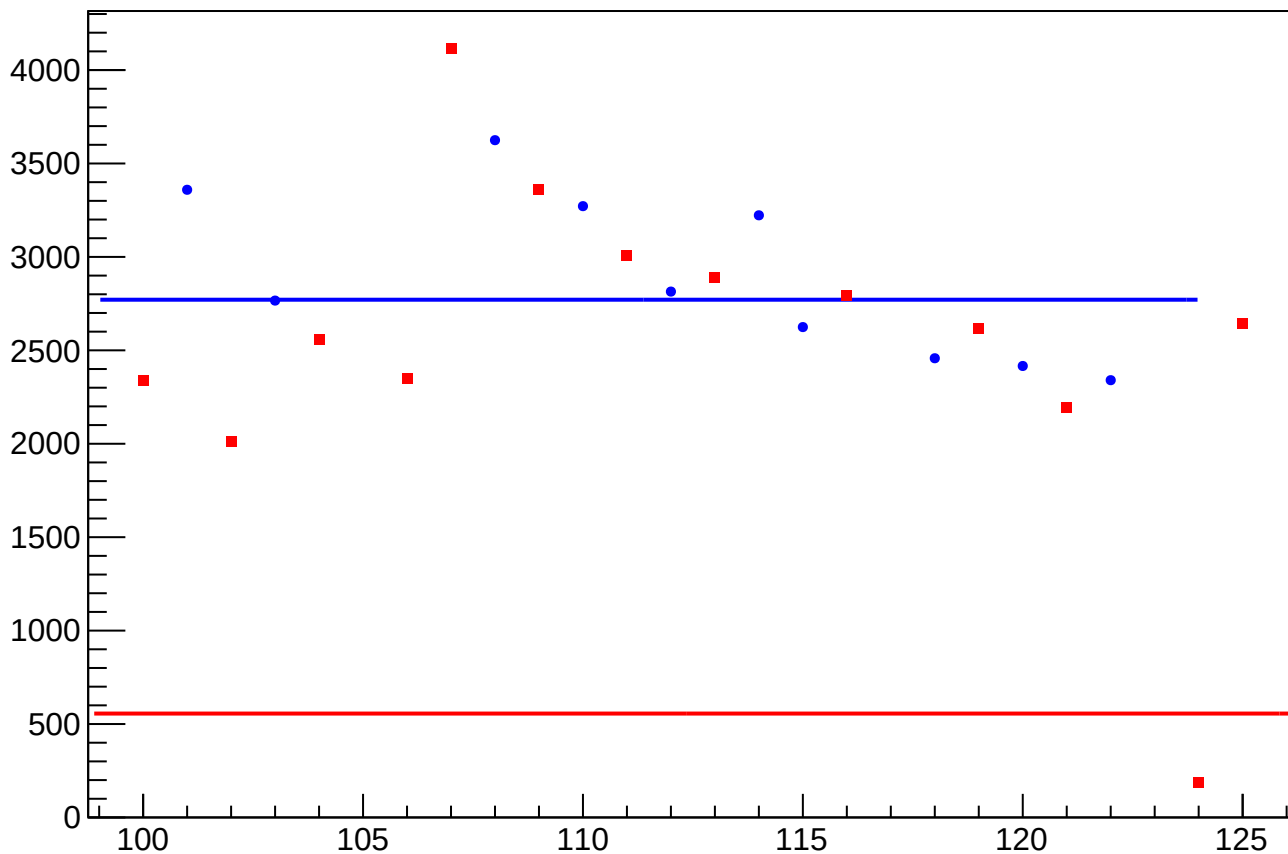
Right: 349.864+/-445.498 χ^2/NDF : 24.6/22

In: 158.299+/-1385.365 χ^2/NDF : 10.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 349.864+/-445.498 χ^2/NDF : 24.6/22

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: 556.039+/-0.333 χ^2/NDF : 6911265.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

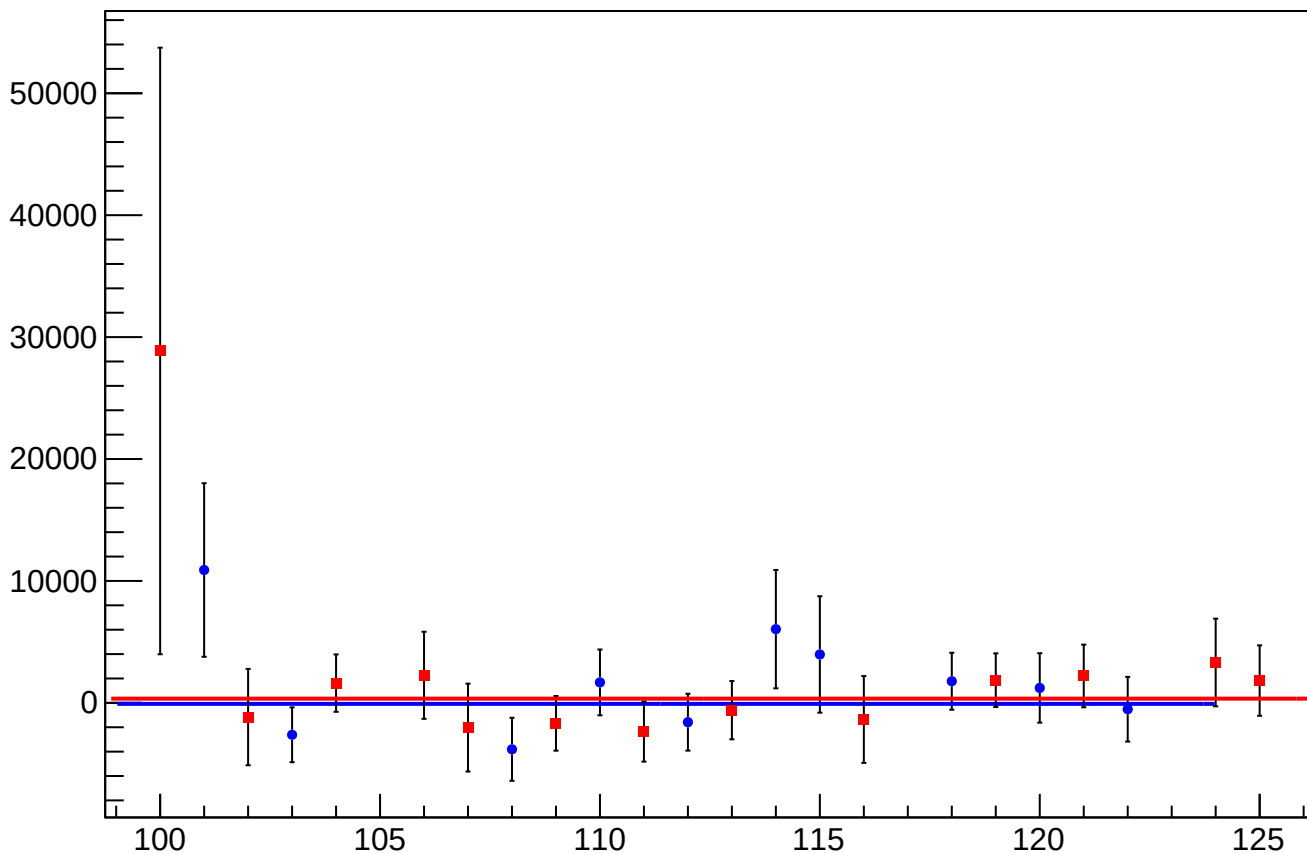
Right: 785.081+/-0.315 χ^2/NDF : 11662305.3/22

In: 2770.927+/-0.980 χ^2/NDF : 167527.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 785.081+/-0.315 χ^2/NDF : 11662305.3/22

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: 346.757+/-796.982 χ^2/NDF : 6.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

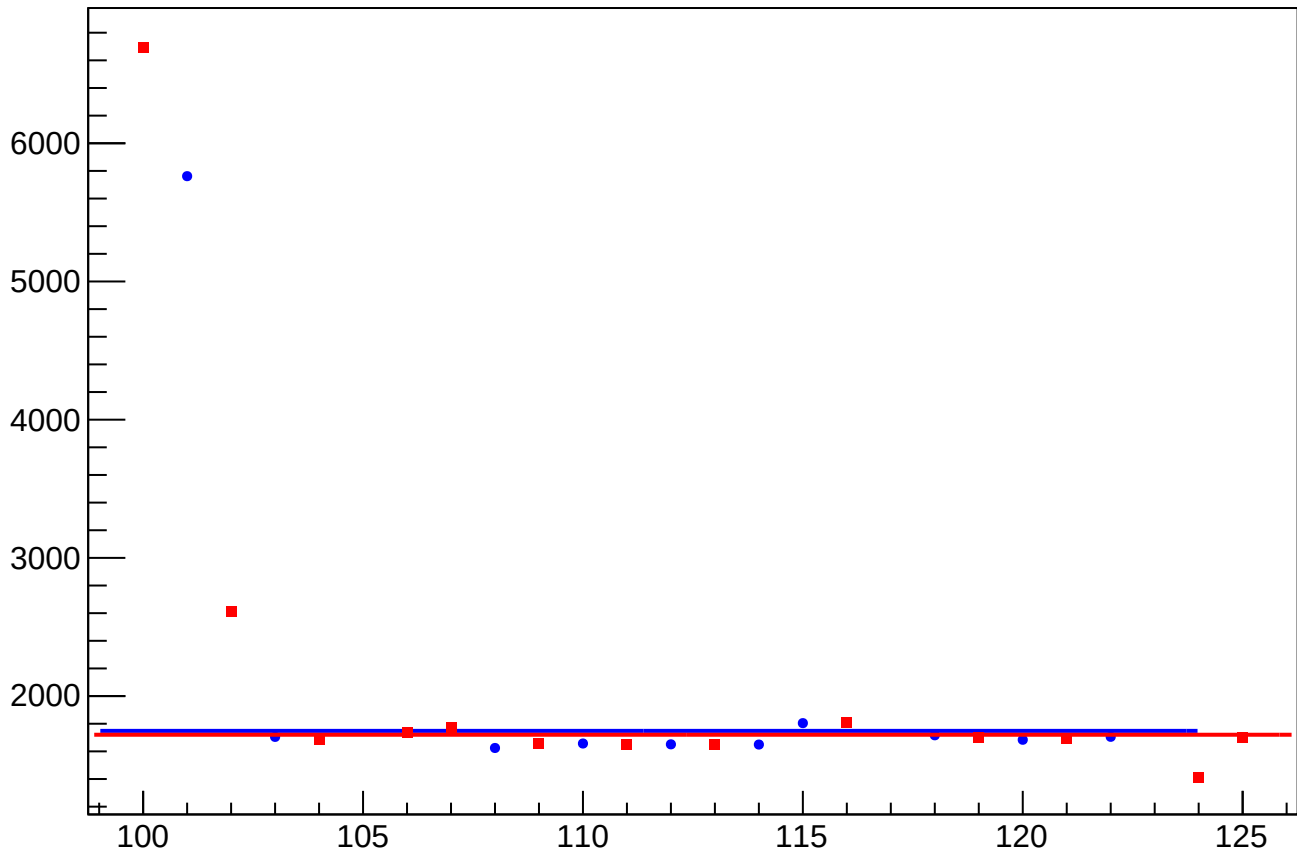
Right: 158.911+/-597.837 χ^2/NDF : 16.7/22

In: -82.792+/-904.040 χ^2/NDF :9.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 158.911+/-597.837 χ^2/NDF : 16.7/22

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: 1720.320+/-0.561 χ^2/NDF : 204577.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

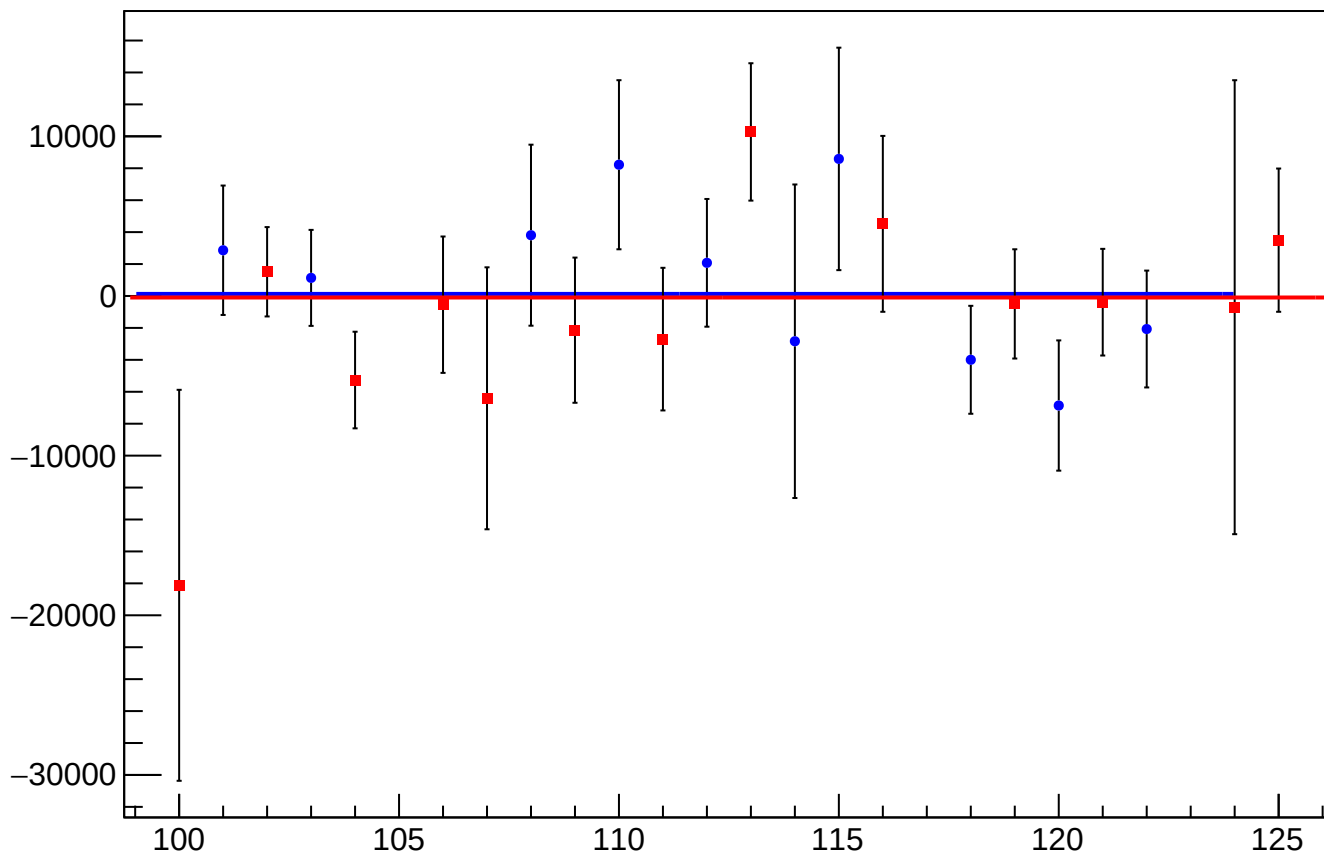
Right: 1732.512+/-0.422 χ^2/NDF : 855637.8/22

In: 1748.334+/-0.639 χ^2/NDF : 649975.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1732.512+/-0.422 χ^2/NDF : 855637.8/22

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: -95.169+/-1171.680 χ^2/NDF : 13.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

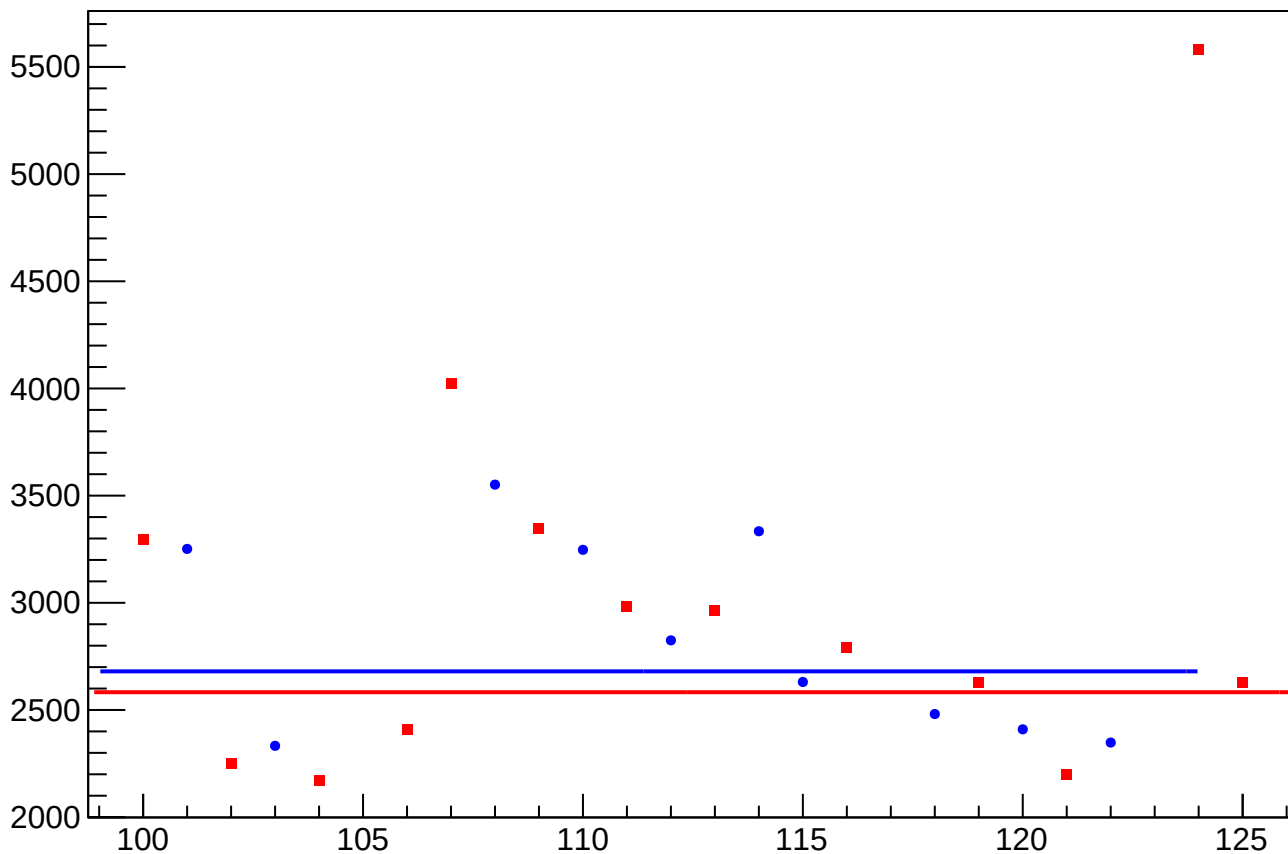
Right: 2.054+/-883.032 χ^2/NDF : 23.7/22

In: 129.875+/-1343.461 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.054+/-883.032 χ^2/NDF : 23.7/22

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: 2582.948+/-0.829 χ^2/NDF : 344225.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

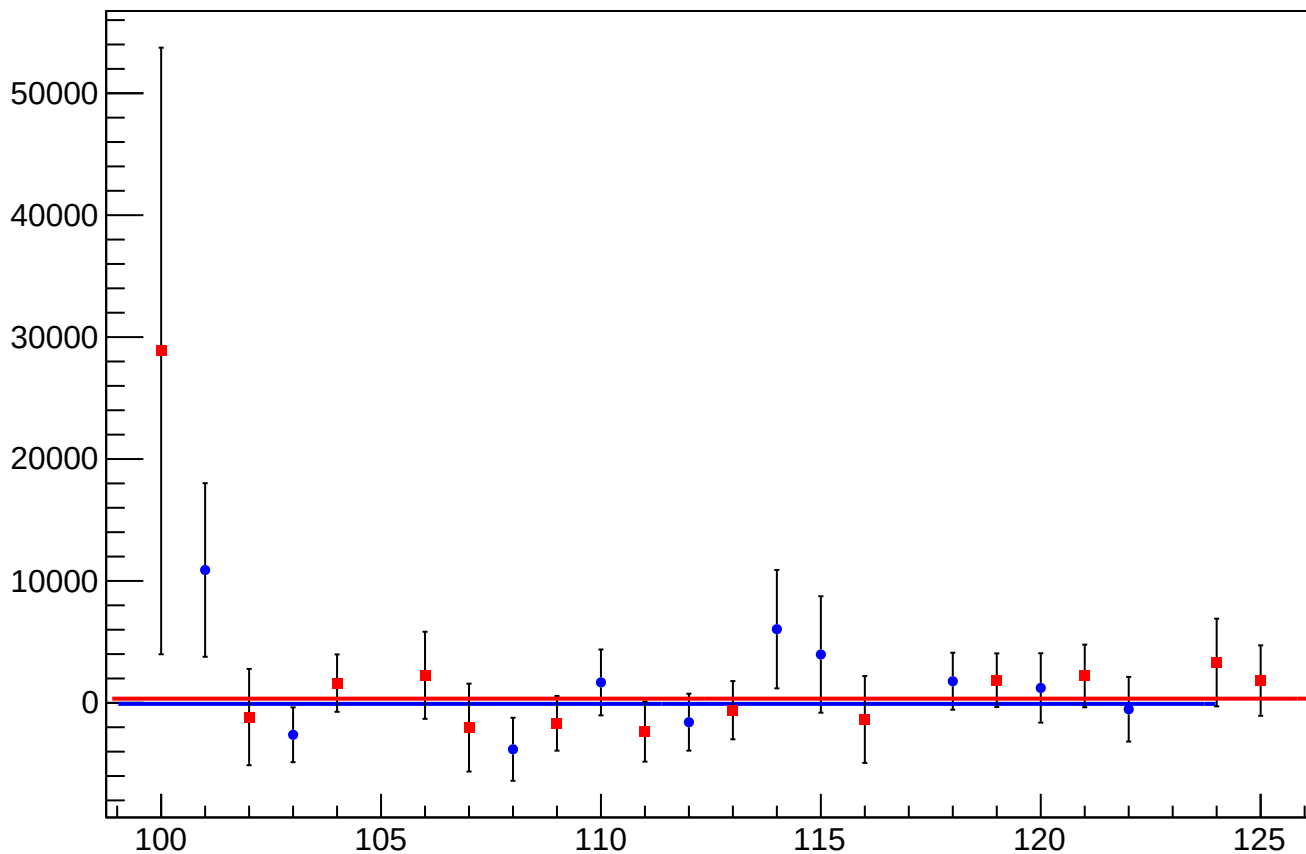
Right: 2624.954+/-0.624 χ^2/NDF : 530572.8/22

In: 2680.179+/-0.950 χ^2/NDF : 180397.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2624.954+/-0.624 χ^2/NDF : 530572.8/22

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: 346.747 ± 796.982 χ^2/NDF : 6.8/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

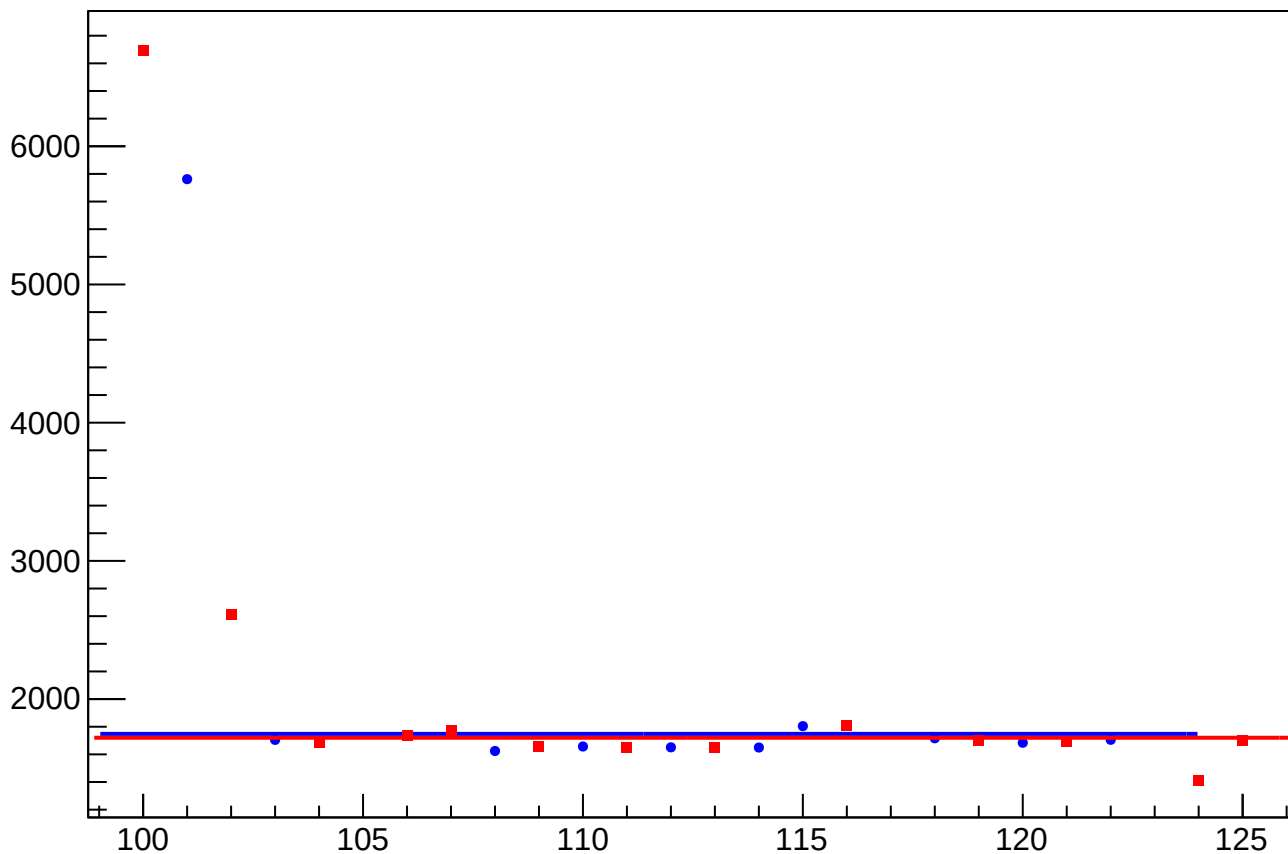
Right: 158.905 ± 597.837 χ^2/NDF : 16.7/22

In: -82.792 ± 904.040 χ^2/NDF : 9.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 158.905 ± 597.837 χ^2/NDF : 16.7/22

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: 1720.320+/-0.561 χ^2/NDF : 204577.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

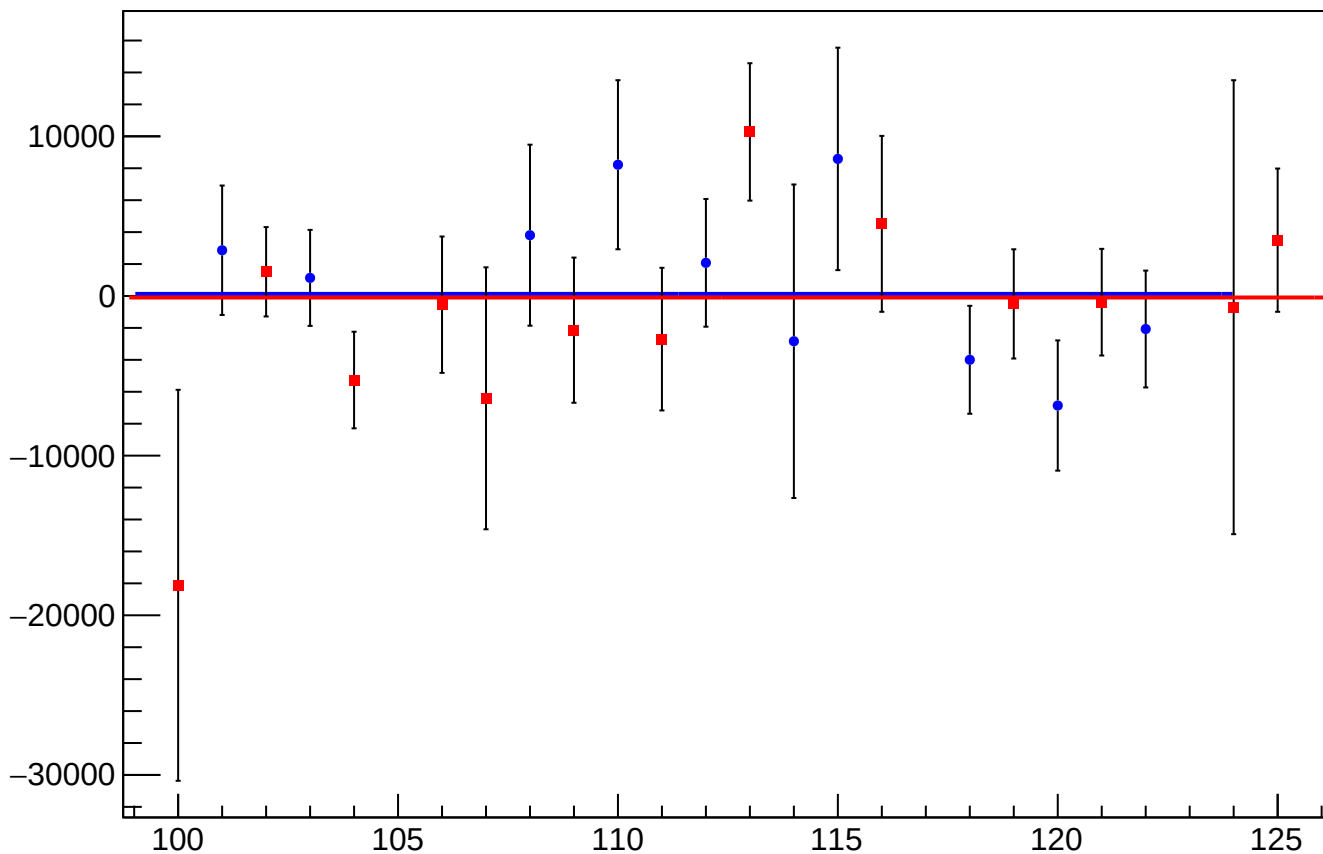
Right: 1732.511+/-0.422 χ^2/NDF : 855637.8/22

In: 1748.334+/-0.639 χ^2/NDF : 649975.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1732.511+/-0.422 χ^2/NDF : 855637.8/22

asym_atr1l2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 129.868 $\pm$ 1343.457 χ^2 /NDF: 9.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -95.168 $\pm$ 1171.678 χ^2 /NDF: 13.7/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

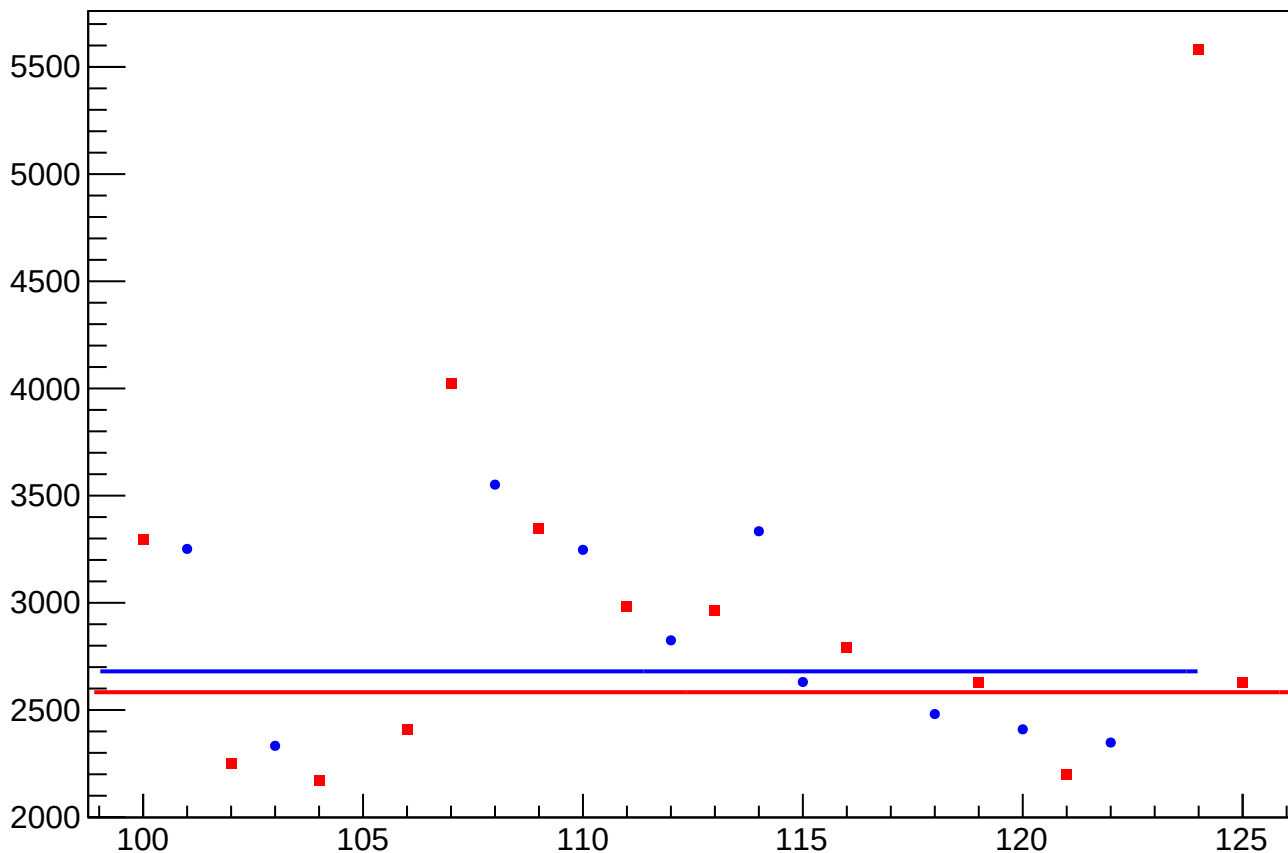
Right: 2.052 $\pm$ 883.029 χ^2 /NDF: 23.7/22

In: 129.868 $\pm$ 1343.457 χ^2 /NDF:9.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.052 $\pm$ 883.029 χ^2 /NDF: 23.7/22

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: 2582.944+/-0.829 χ^2/NDF : 344221.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

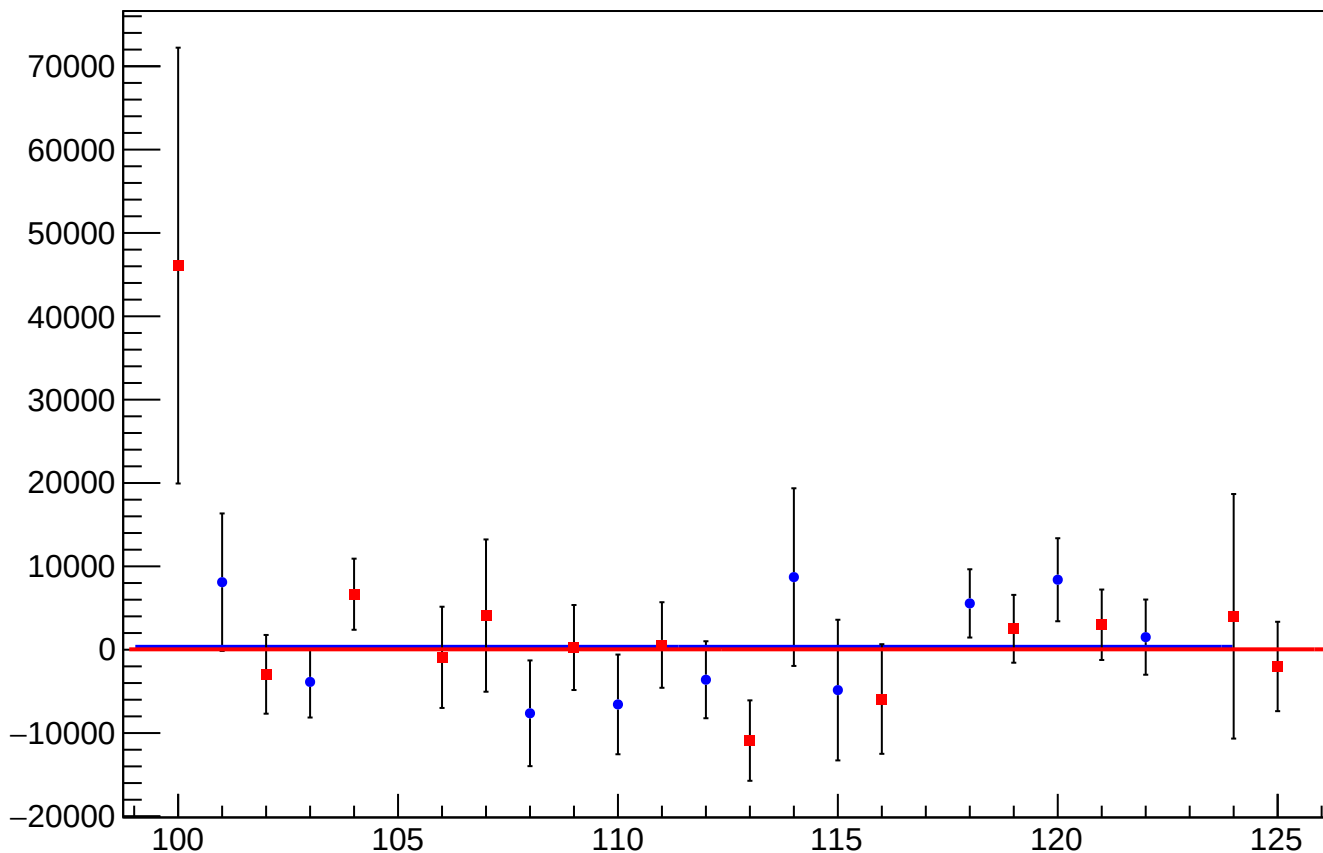
Right: 2624.948+/-0.624 χ^2/NDF : 530569.3/22

In: 2680.171+/-0.950 χ^2/NDF : 180398.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2624.948+/-0.624 χ^2/NDF : 530569.3/22

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: 43.594+/-1509.868 χ^2/NDF : 13.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

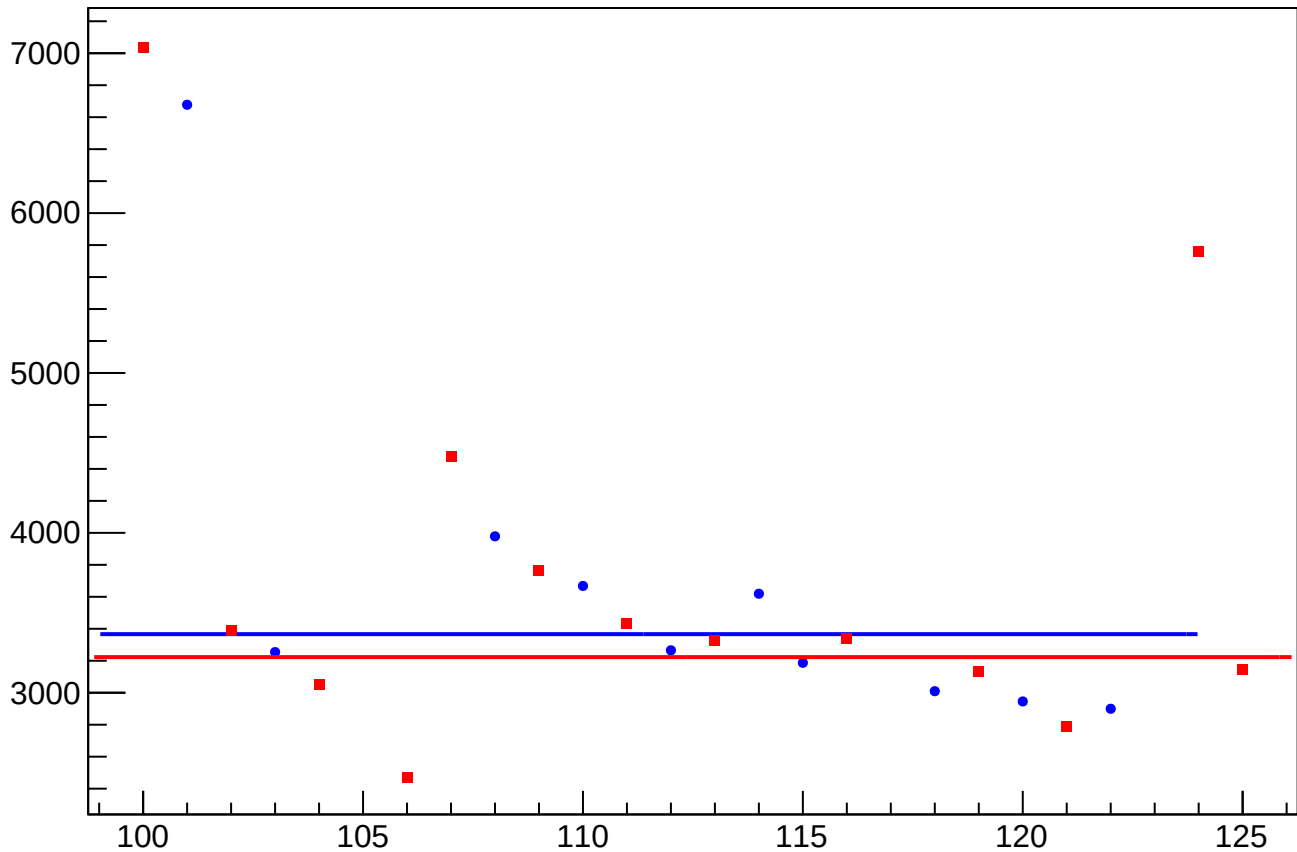
Right: 175.004+/-1132.399 χ^2/NDF : 24.0/22

In: 343.958+/-1712.023 χ^2/NDF : 10.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.004+/-1132.399 χ^2/NDF : 24.0/22

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: 3222.740+/-1.047 χ^2/NDF : 246191.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

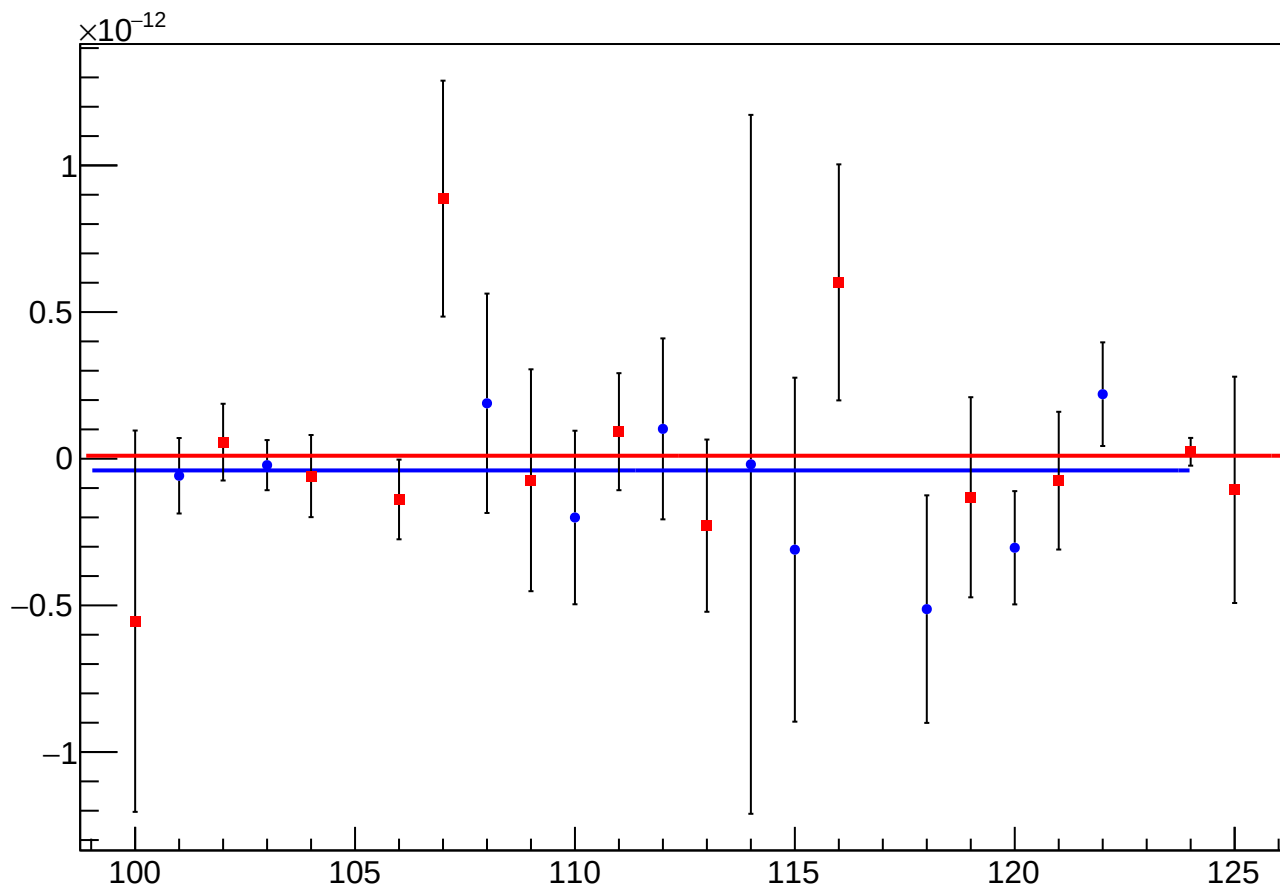
Right: 3284.204+/-0.792 χ^2/NDF : 655761.4/22

In: 3366.379+/-1.211 χ^2/NDF : 401515.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3284.204+/-0.792 χ^2/NDF : 655761.4/22

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 : 10.6/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

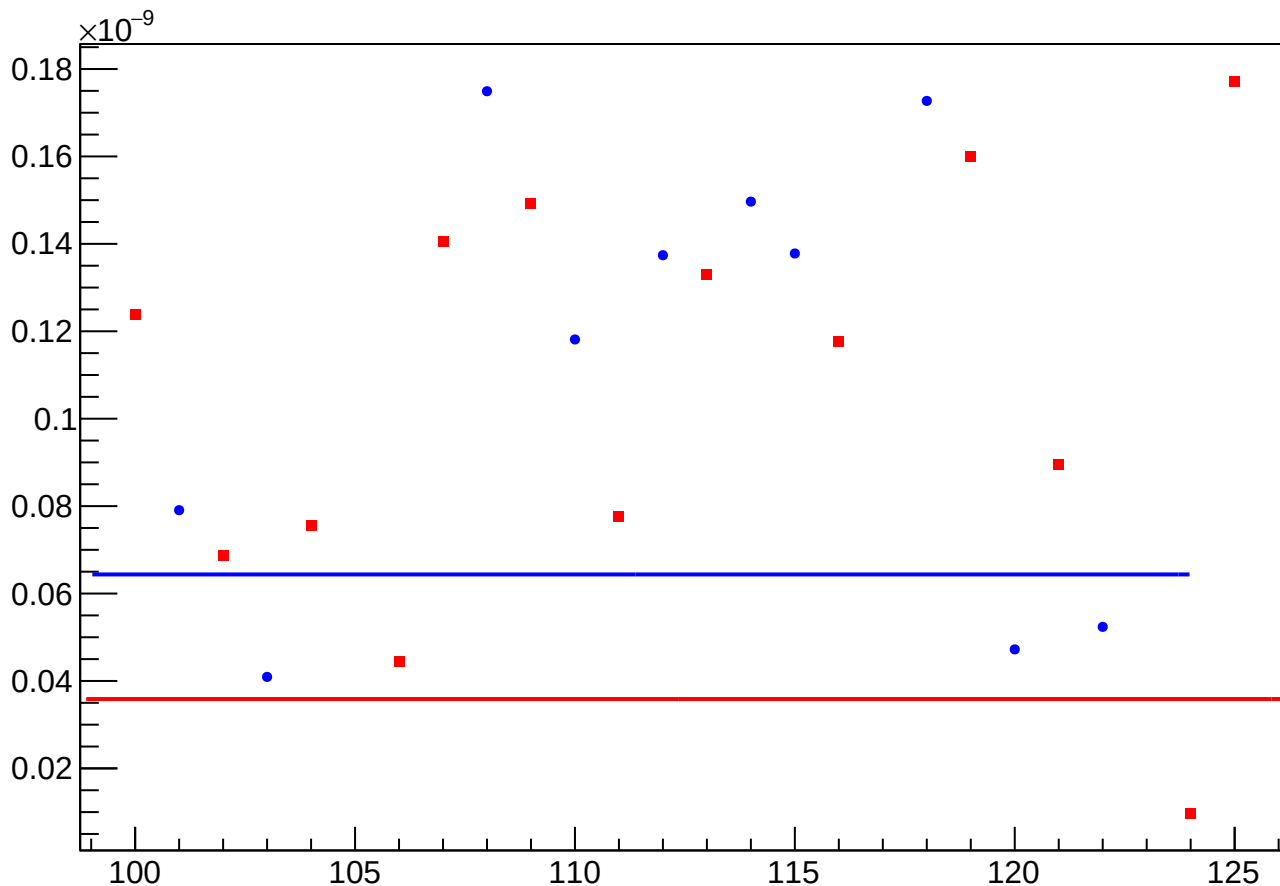
Right: -0.000 ± 0.000 χ^2/NDF : 17.8/22

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 : 17.8/22

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 : 2286324.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

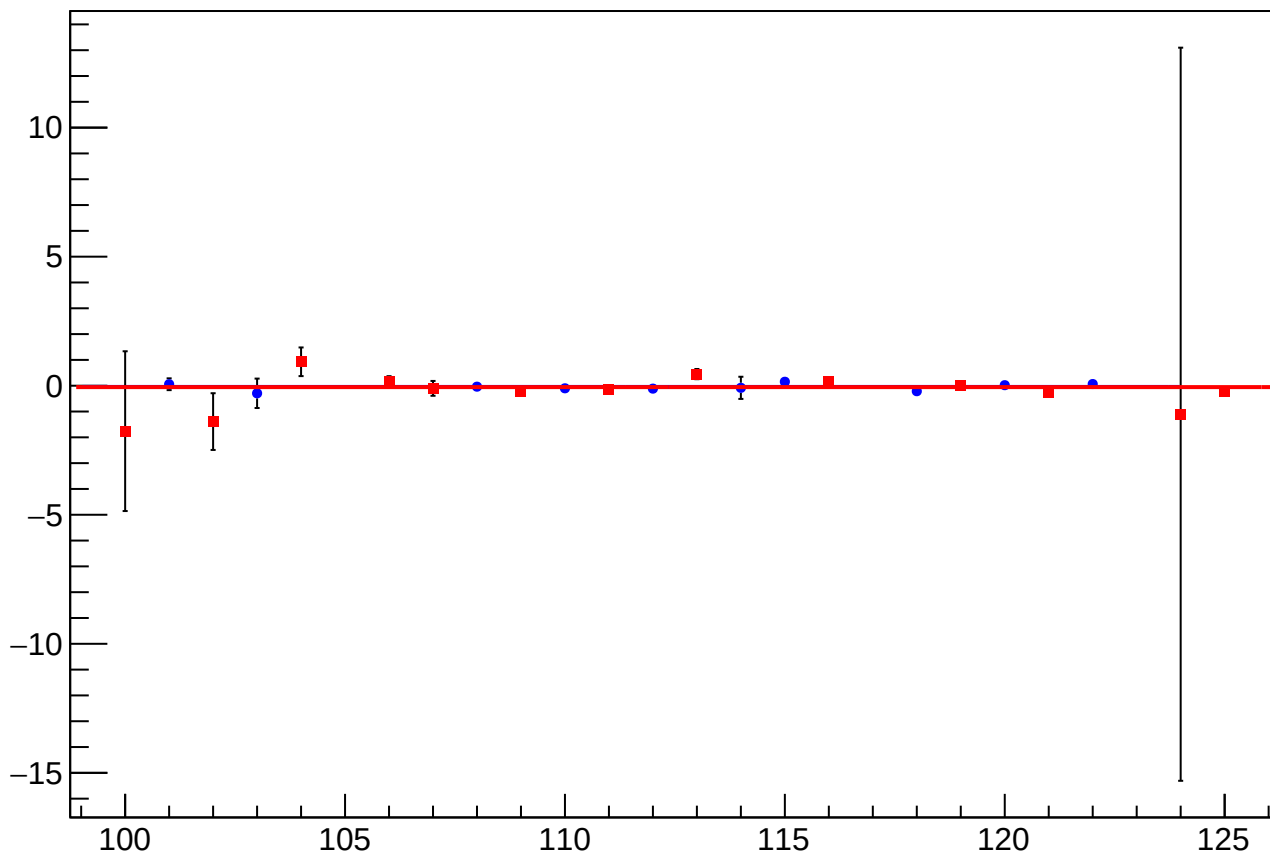
Right: 0.000+/-0.000 χ^2/NDF : 3376406.9/22

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 : 3376406.9/22

asym_atr1l2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.047 $\pm$ 0.059 χ^2 /NDF: 4.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.054 $\pm$ 0.055 χ^2 /NDF: 19.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

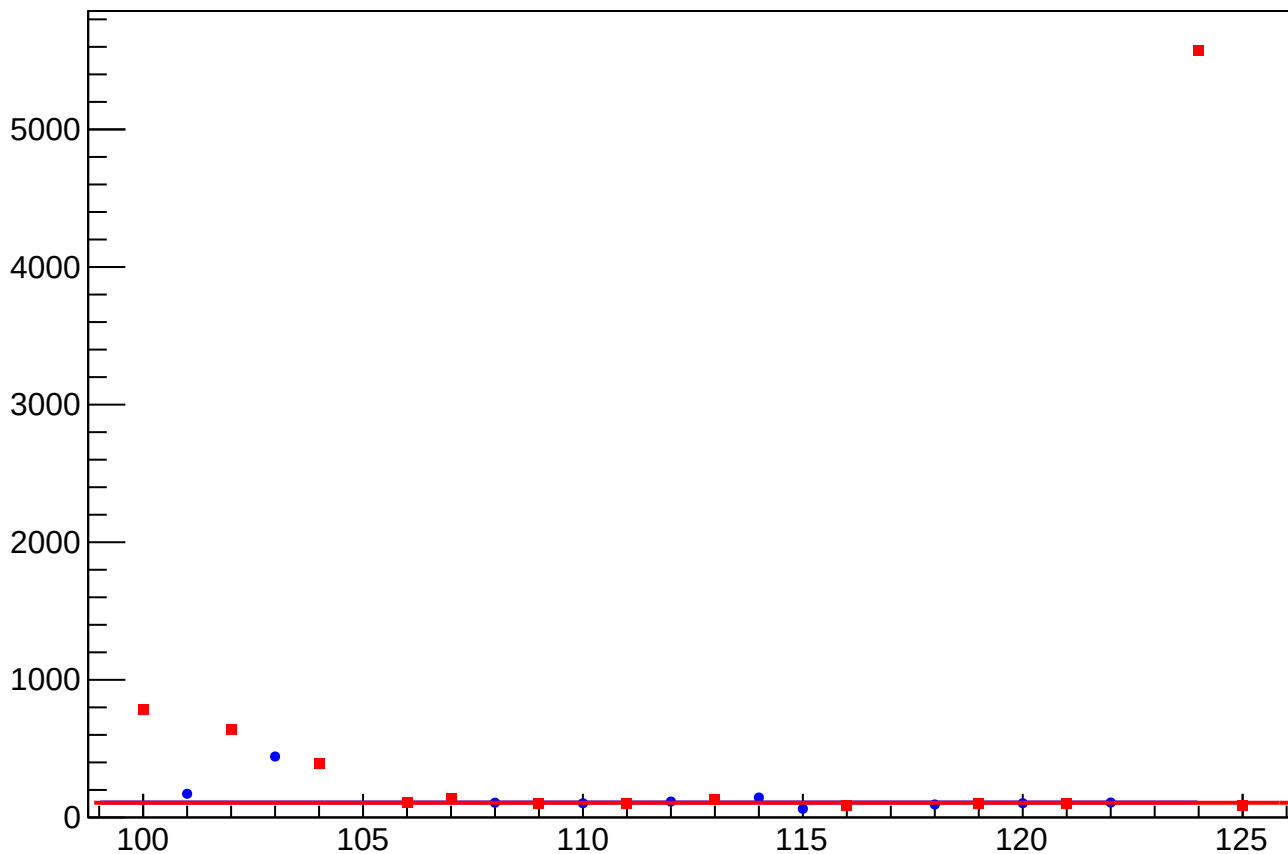
Right: -0.051 $\pm$ 0.040 χ^2 /NDF: 23.1/22

In: -0.047 $\pm$ 0.059 χ^2 /NDF:4.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.051 $\pm$ 0.040 χ^2 /NDF: 23.1/22

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: 106.878+/-0.039 χ^2/NDF : 1531211.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

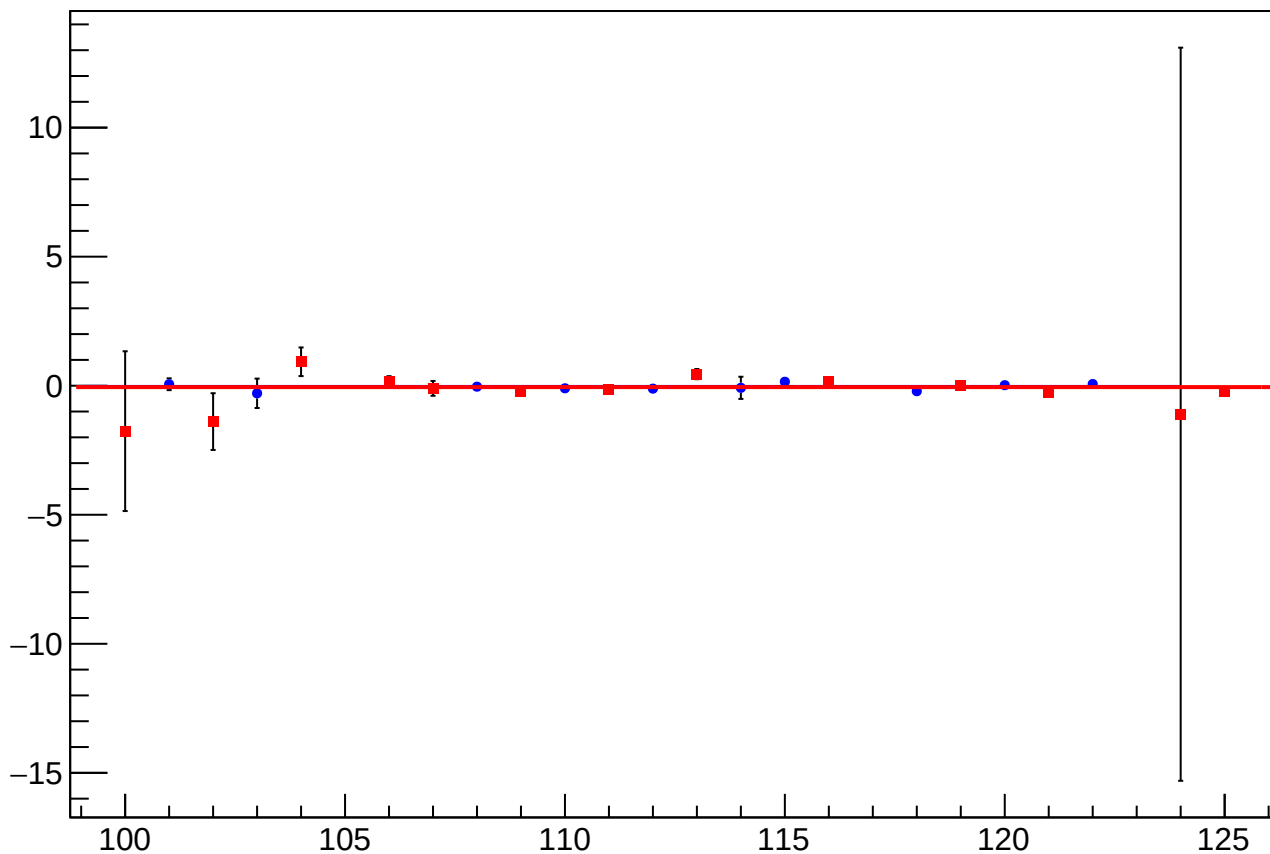
Right: 107.695+/-0.028 χ^2/NDF : 2554195.2/22

In: 108.639+/-0.042 χ^2/NDF : 1022033.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.695+/-0.028 χ^2/NDF : 2554195.2/22

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: -0.054+/-0.055 χ^2/NDF : 19.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

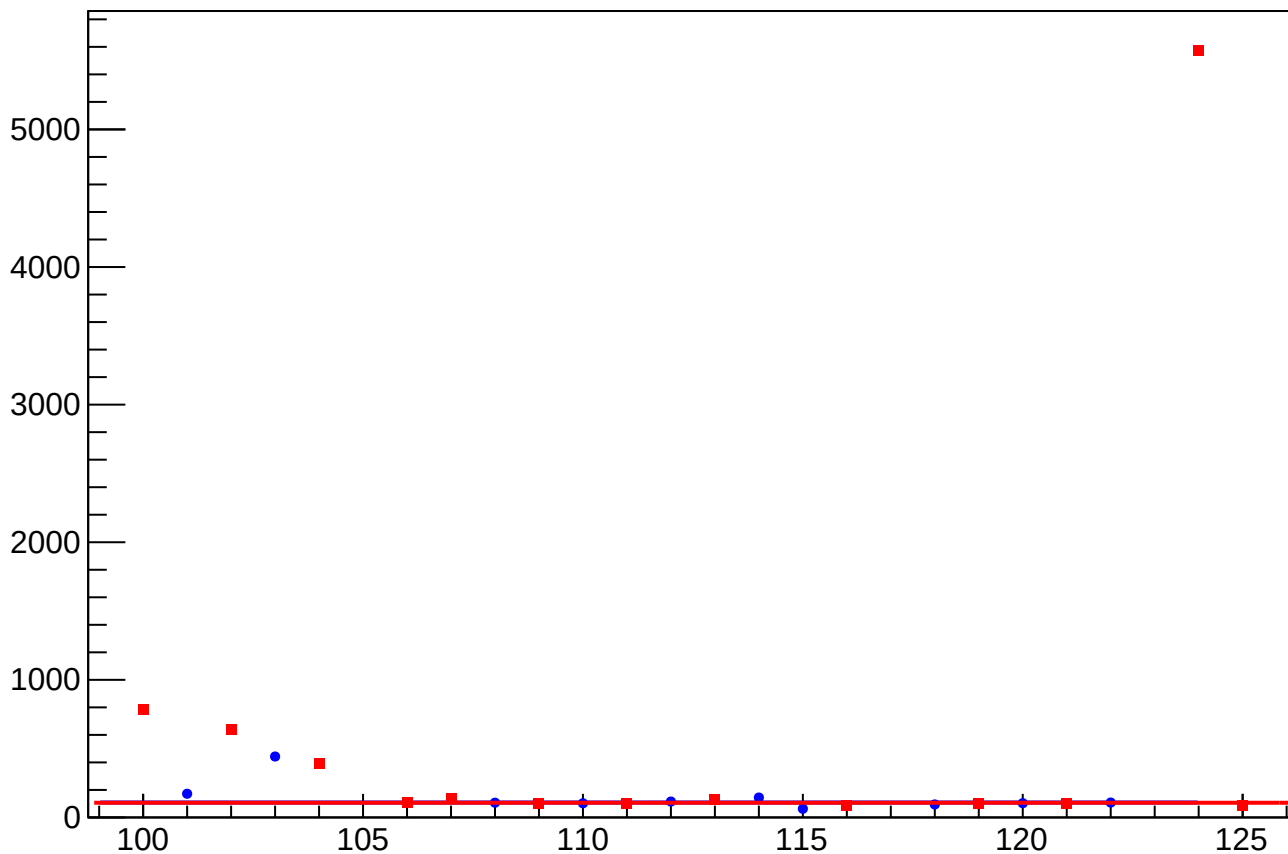
Right: -0.051+/-0.040 χ^2/NDF : 23.1/22

In: -0.047+/-0.059 χ^2/NDF :4.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.051+/-0.040 χ^2/NDF : 23.1/22

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: 106.878+/-0.039 χ^2/NDF : 1531211.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

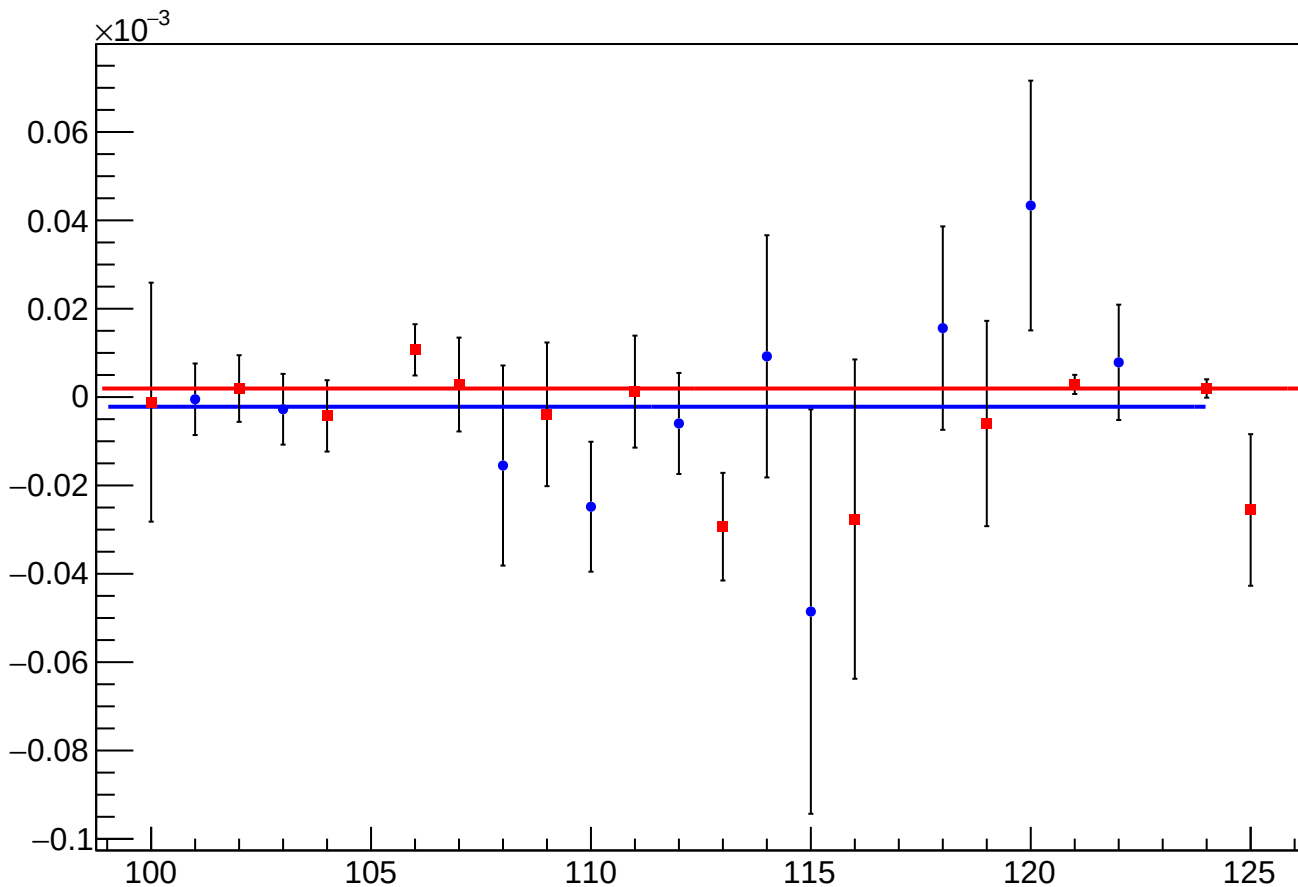
Right: 107.695+/-0.028 χ^2/NDF : 2554195.2/22

In: 108.639+/-0.042 χ^2/NDF : 1022033.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.695+/-0.028 χ^2/NDF : 2554195.2/22

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 : 13.1/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

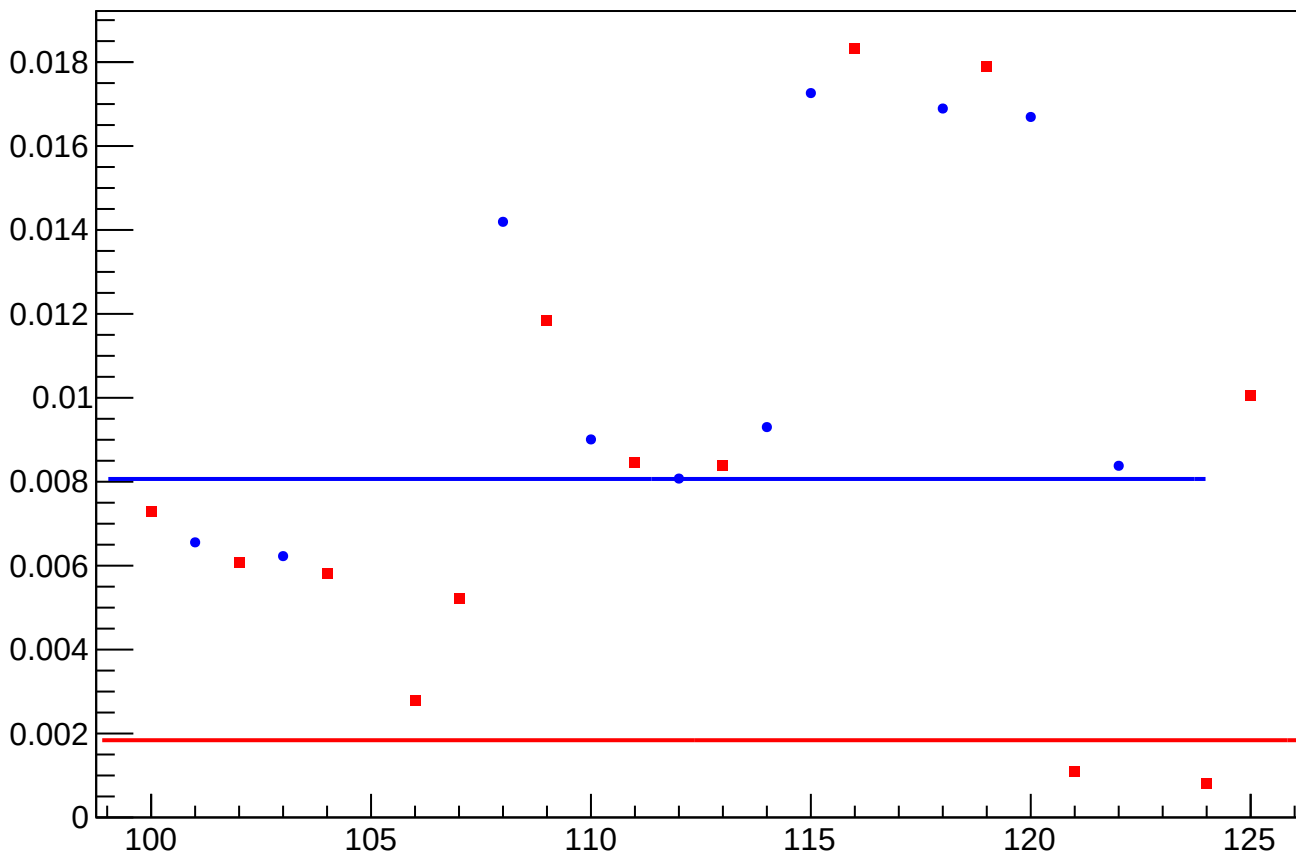
Right: 0.000 ± 0.000 χ^2/NDF : 21.9/22

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 : 21.9/22

asym_atr1l2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 895987.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 5873932.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

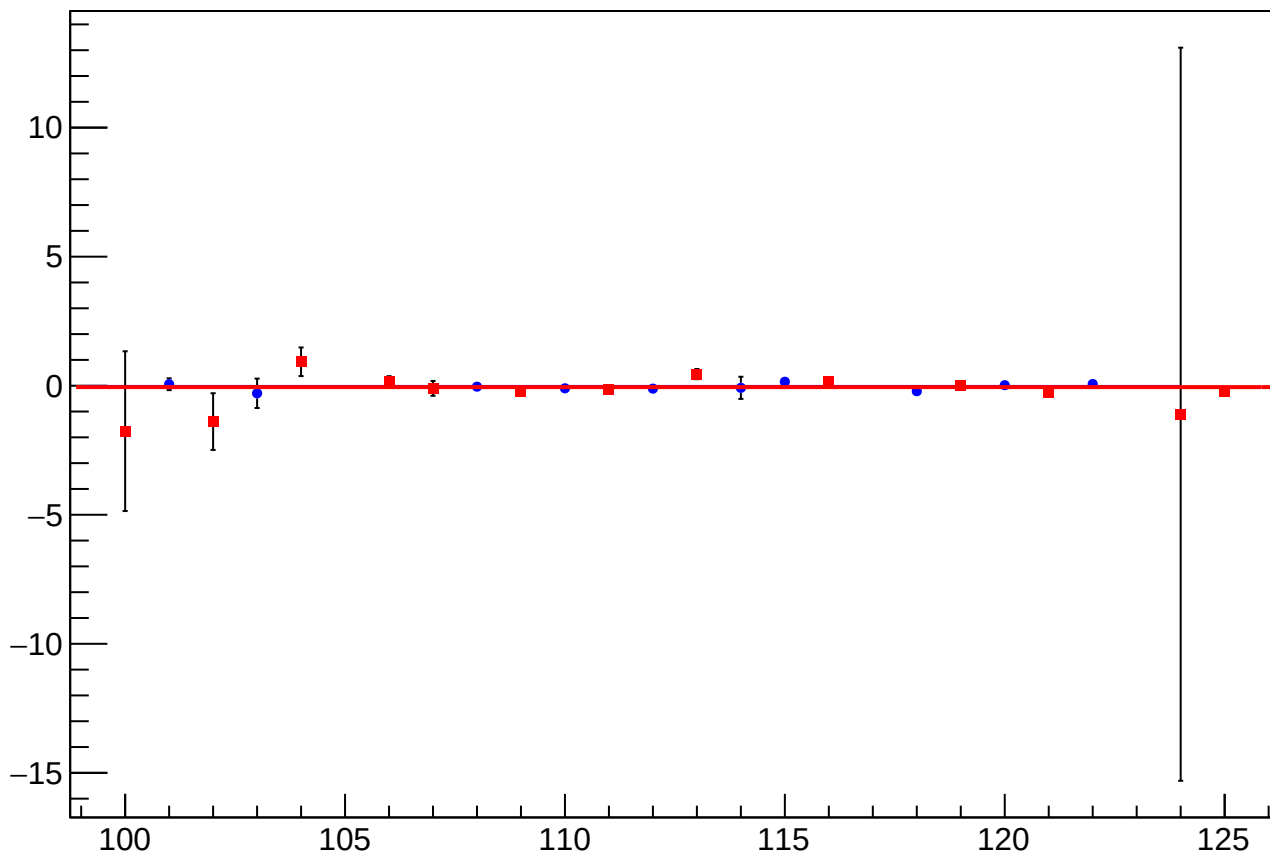
Right: 0.002+/-0.000 χ^2/NDF : 10695302.8/22

In: 0.008+/-0.000 χ^2/NDF : 895987.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 10695302.8/22

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: -0.054+/-0.055 χ^2 /NDF: 19.0/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

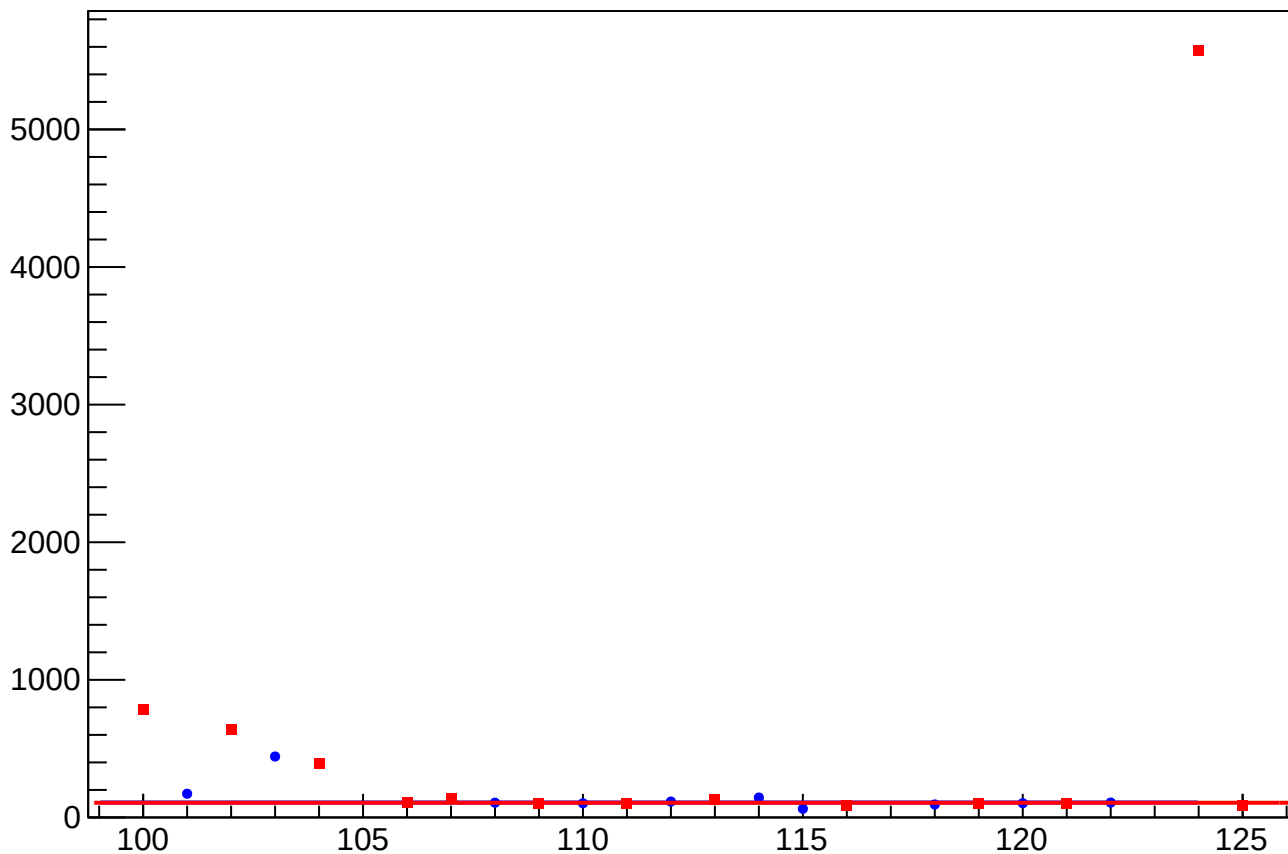
Right: -0.051+/-0.040 χ^2 /NDF: 23.1/22

In: -0.047+/-0.059 χ^2 /NDF:4.1/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.051+/-0.040 χ^2 /NDF: 23.1/22

asym_atr1l2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.640+/-0.042 χ^2/NDF : 1022012.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.880+/-0.039 χ^2/NDF : 1531168.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

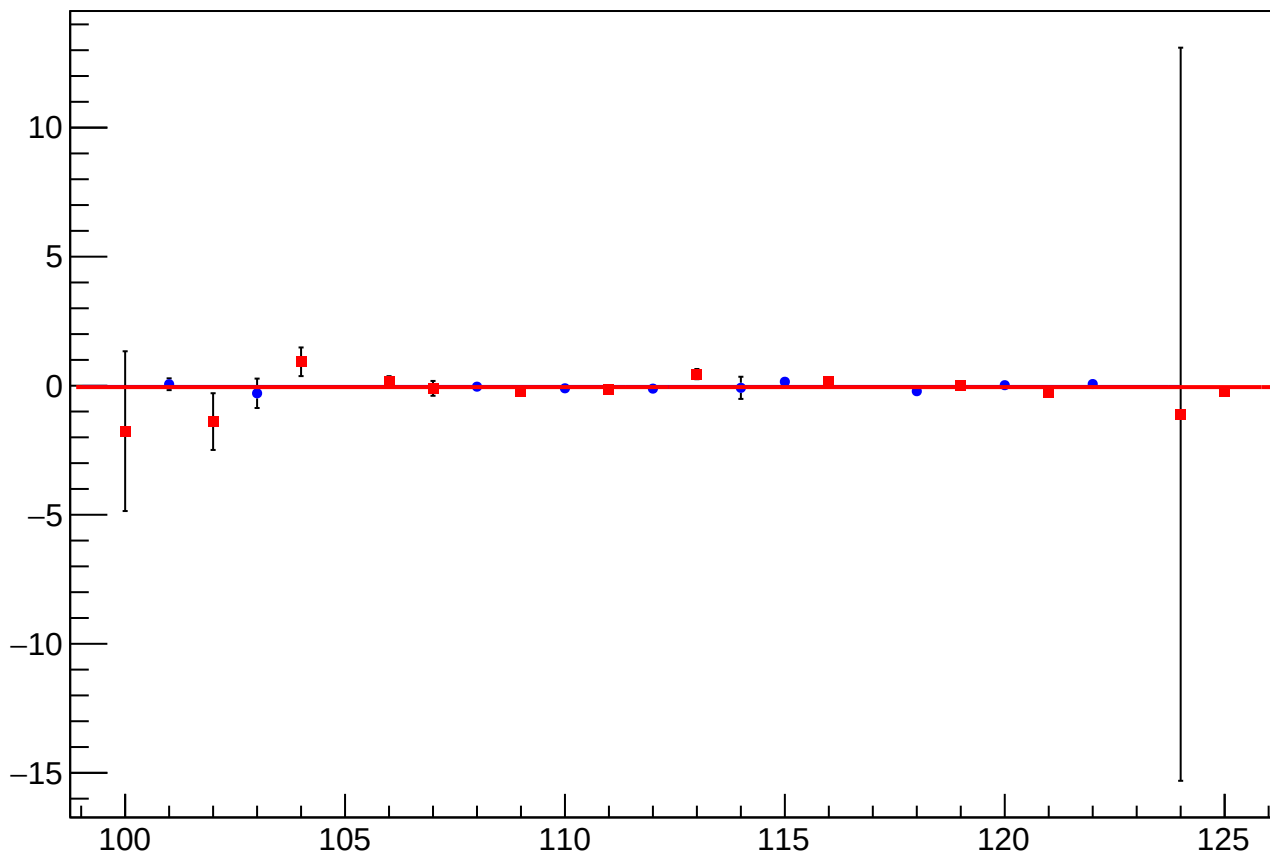
Right: 107.697+/-0.028 χ^2/NDF : 2554130.0/22

In: 108.640+/-0.042 χ^2/NDF : 1022012.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.697+/-0.028 χ^2/NDF : 2554130.0/22

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.047 $\pm$ 0.059 χ^2 /NDF: 4.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.054 $\pm$ 0.055 χ^2 /NDF: 19.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

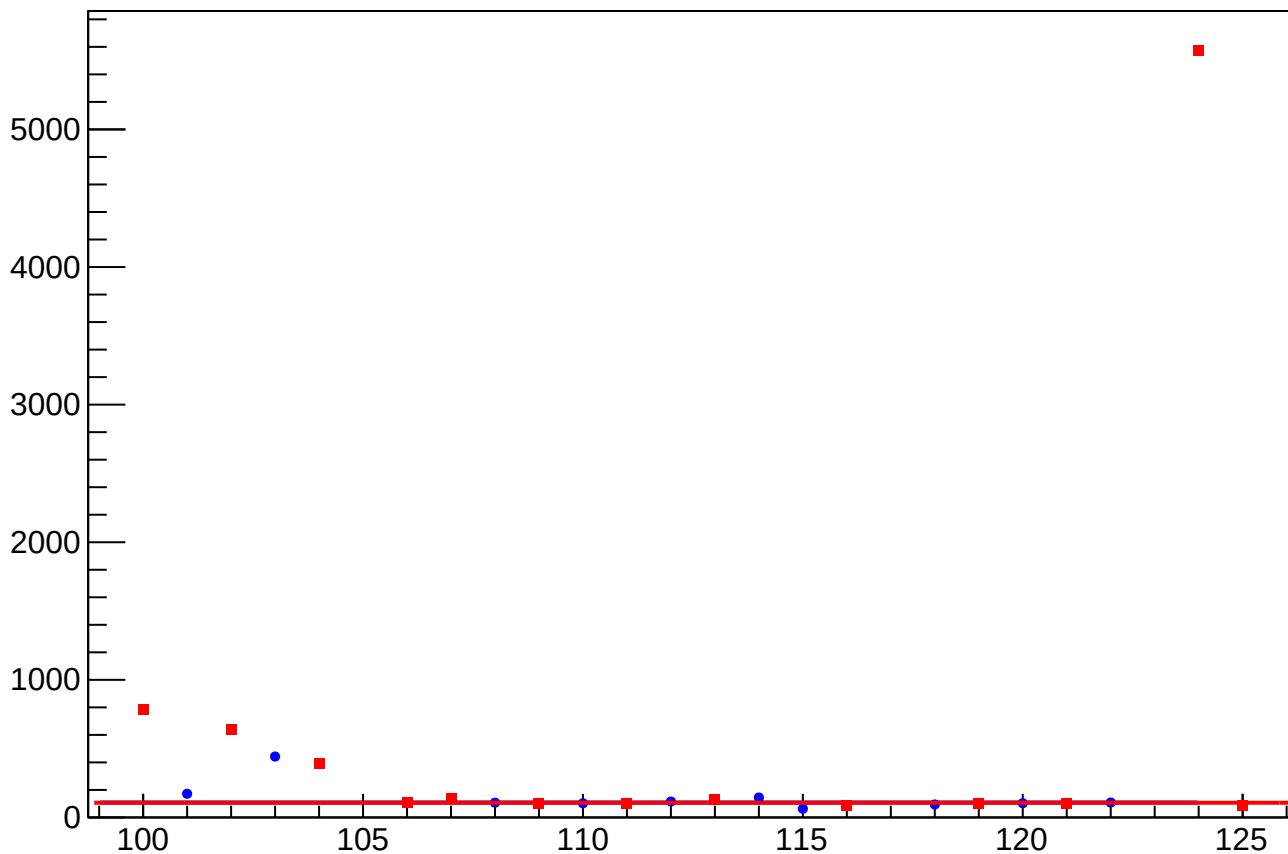
Right: -0.051 $\pm$ 0.040 χ^2 /NDF: 23.1/22

In: -0.047 $\pm$ 0.059 χ^2 /NDF:4.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.051 $\pm$ 0.040 χ^2 /NDF: 23.1/22

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: 106.880+/-0.039 χ^2/NDF : 1531168.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

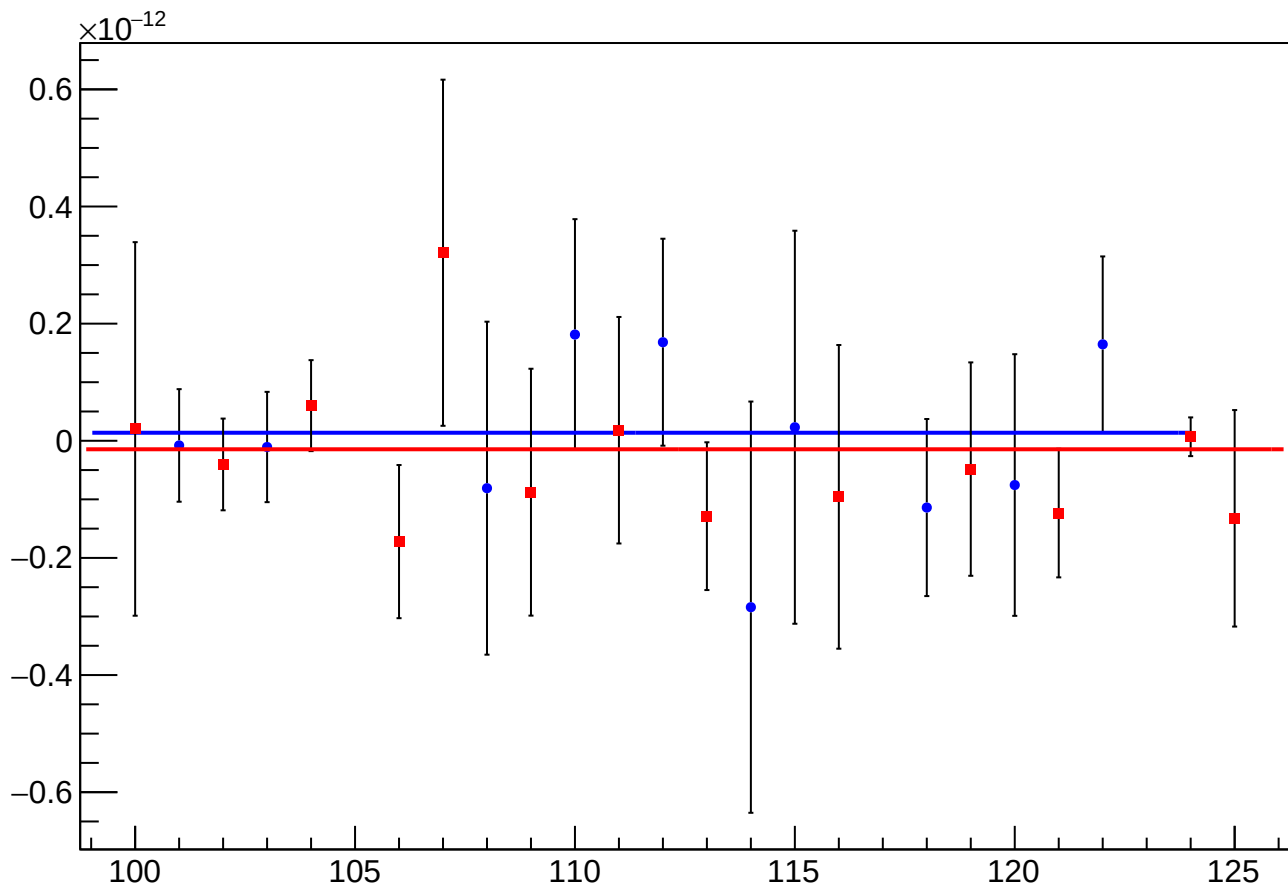
Right: 107.697+/-0.028 χ^2/NDF : 2554130.0/22

In: 108.640+/-0.042 χ^2/NDF : 1022012.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.697+/-0.028 χ^2/NDF : 2554130.0/22

asym_atr1l2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

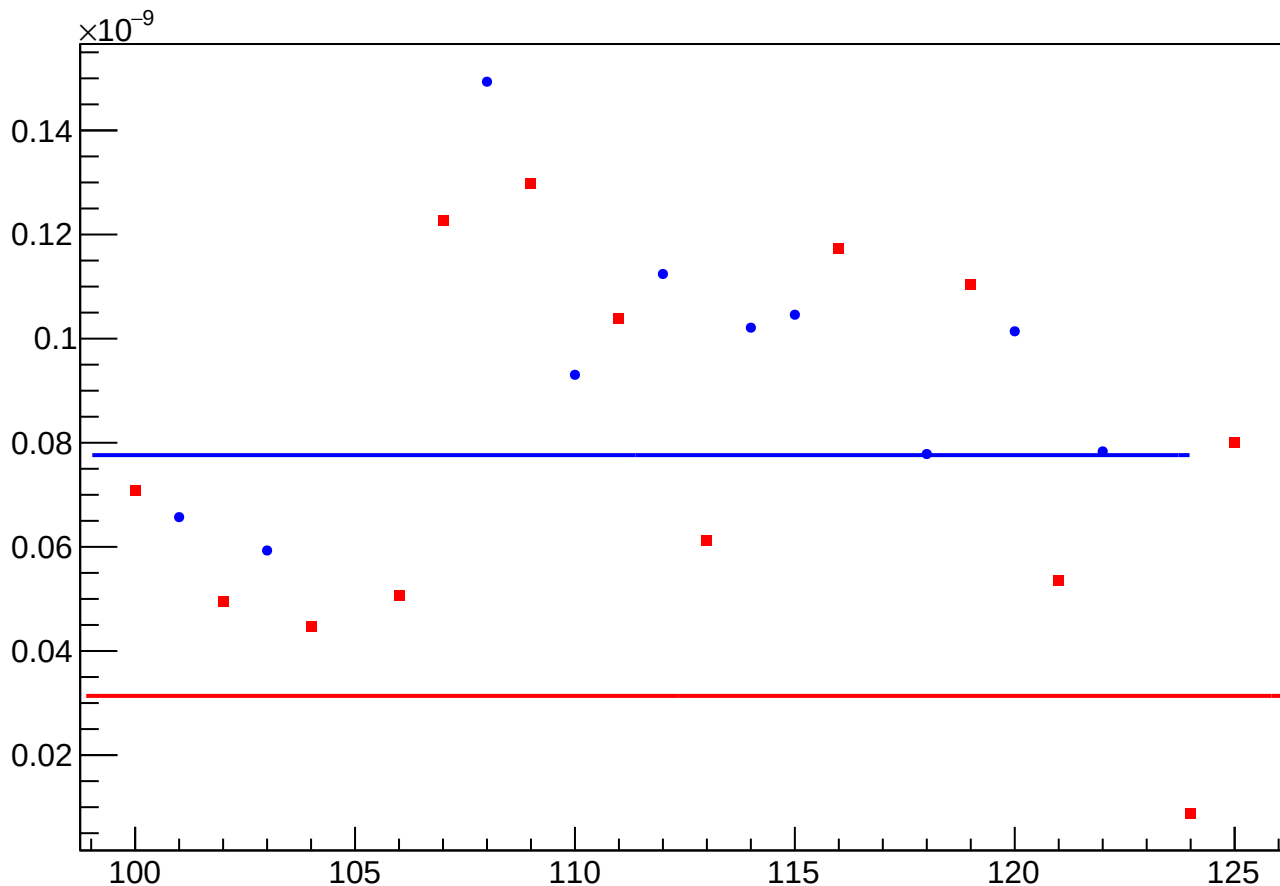
Right: -0.000+/-0.000 χ^2/NDF : 11.3/22

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 : 11.3/22

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 : 3016658.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

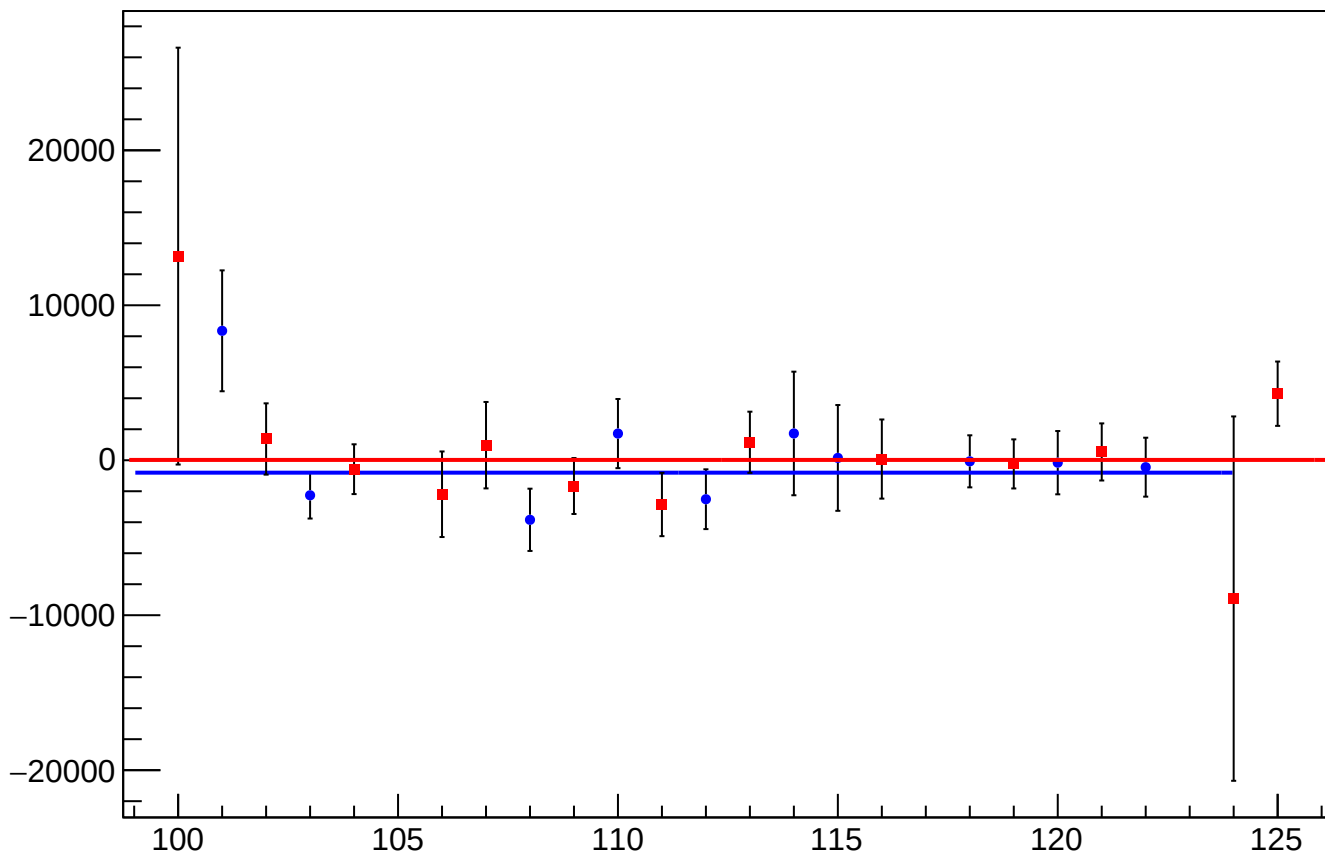
Right: 0.000+/-0.000 χ^2/NDF : 4797885.7/22

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 : 4797885.7/22

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: 20.346+/-605.125 χ^2/NDF : 10.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

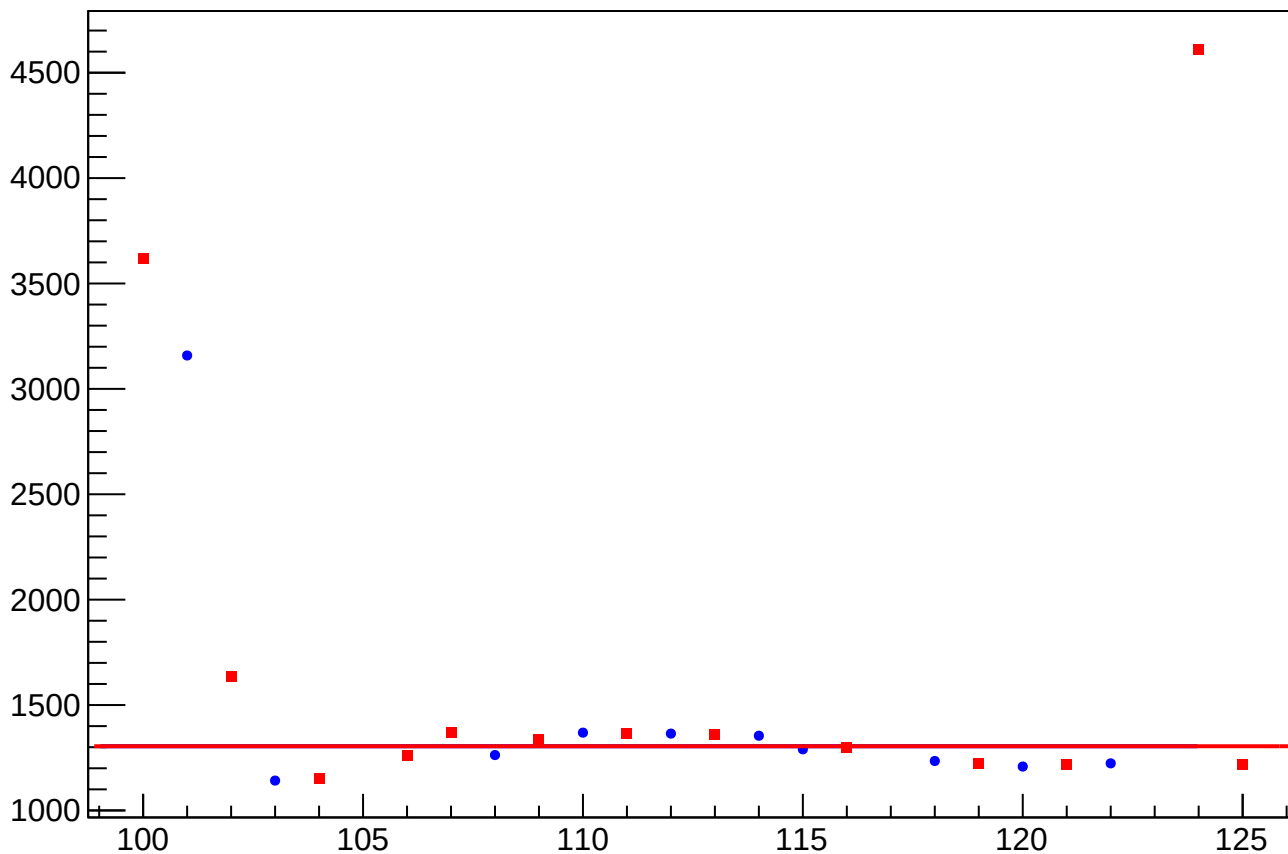
Right: -350.602+/-448.248 χ^2/NDF : 22.8/22

In: -801.633+/-667.256 χ^2/NDF :11.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -350.602+/-448.248 χ^2/NDF : 22.8/22

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: 1304.547+/-0.426 χ^2/NDF : 295849.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

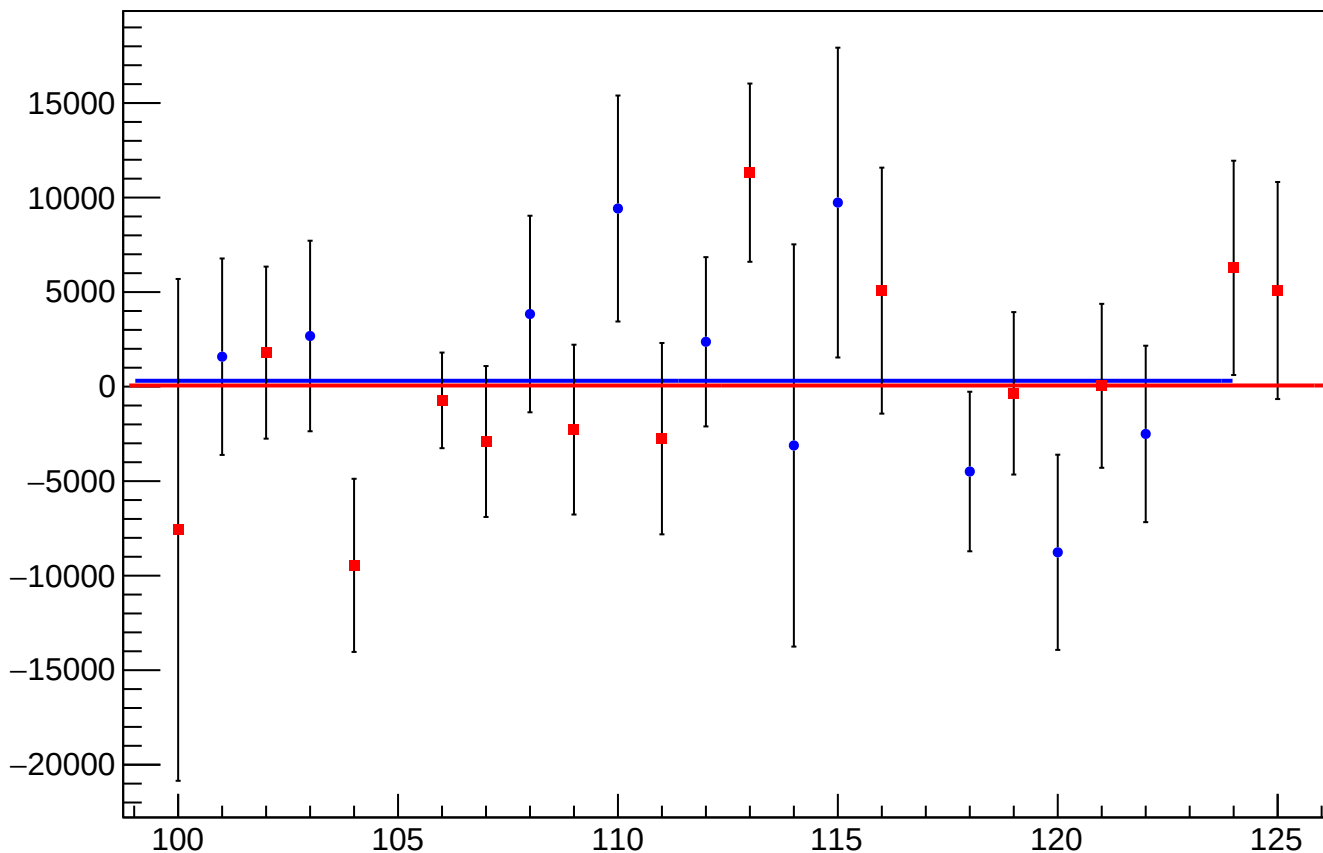
Right: 1304.540+/-0.316 χ^2/NDF : 787642.3/22

In: 1304.532+/-0.472 χ^2/NDF : 491792.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1304.540+/-0.316 χ^2/NDF : 787642.3/22

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: 59.434+/-1243.369 χ^2/NDF : 14.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

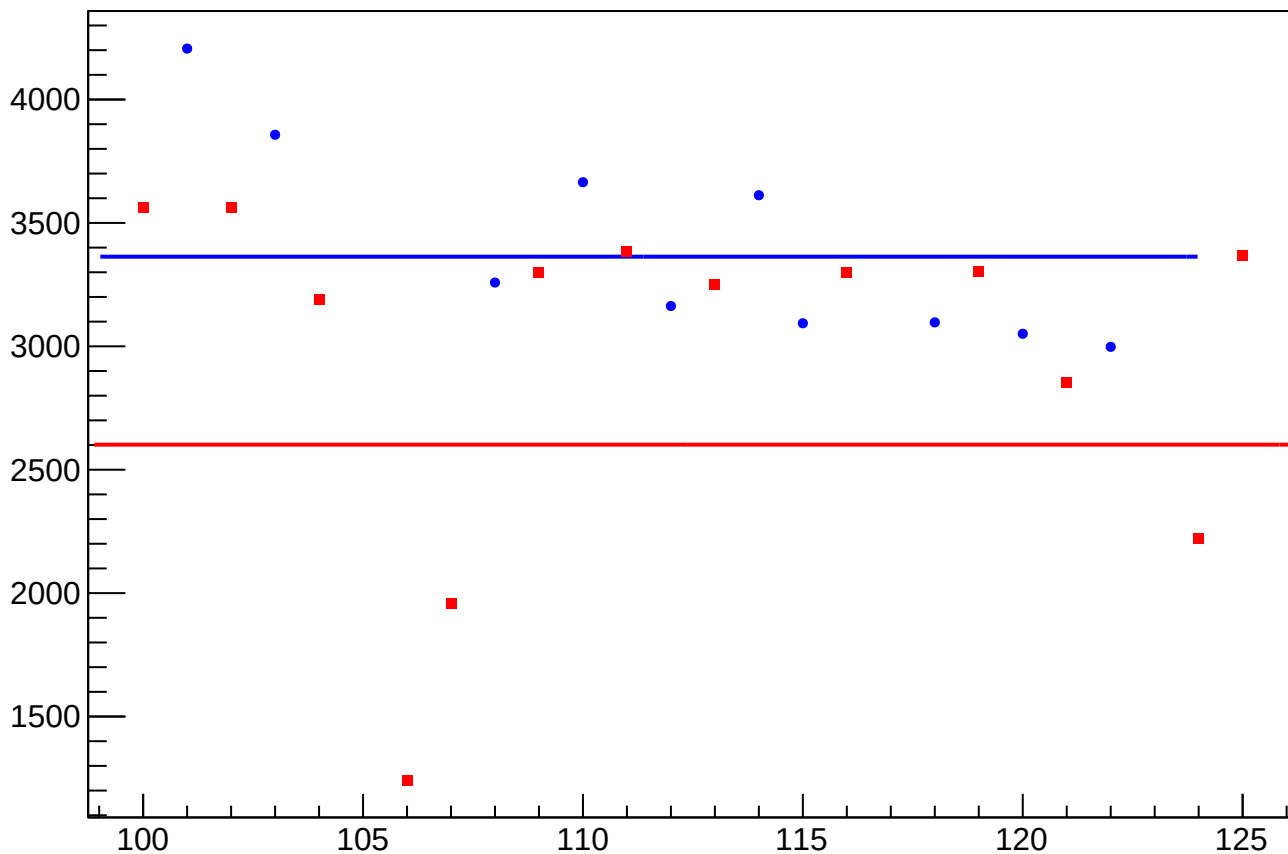
Right: 147.728+/-999.271 χ^2/NDF : 23.8/22

In: 308.783+/-1679.275 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.728+/-999.271 χ^2/NDF : 23.8/22

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: 2601.518+/-0.879 χ^2/NDF : 1024199.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

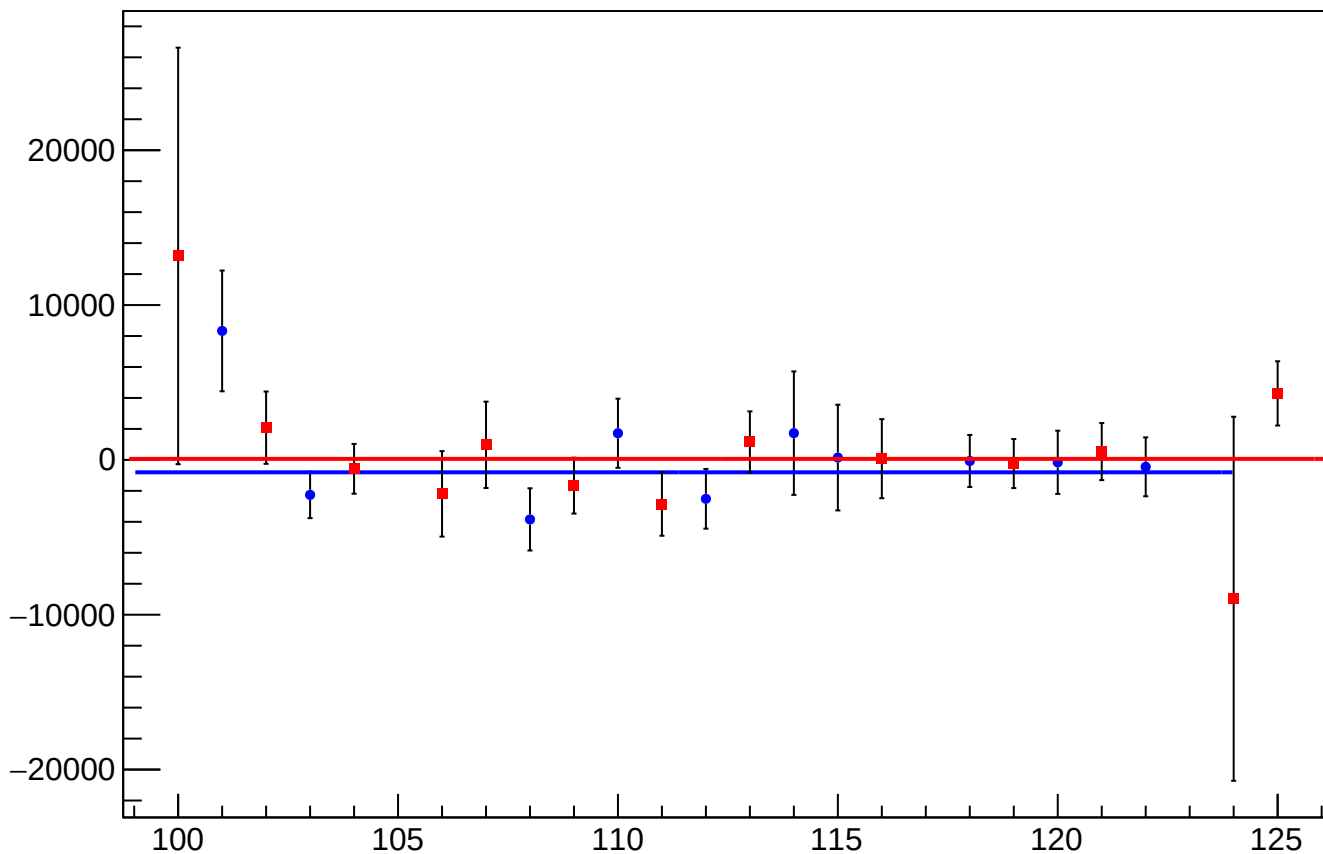
Right: 2871.239+/-0.707 χ^2/NDF : 1402593.6/22

In: 3363.231+/-1.187 χ^2/NDF : 112605.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2871.239+/-0.707 χ^2/NDF : 1402593.6/22

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: 65.171+/-605.744 χ^2/NDF : 10.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

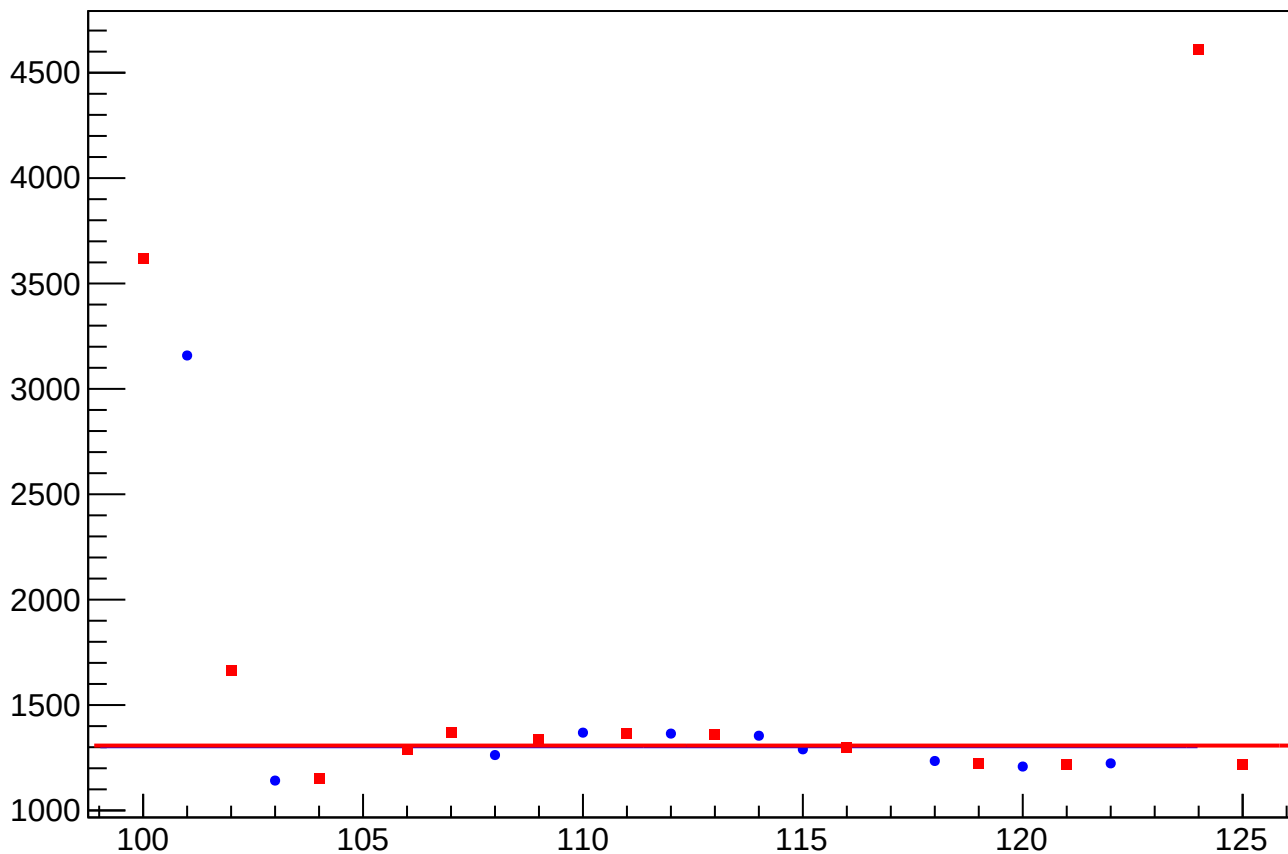
Right: -326.767+/-448.499 χ^2/NDF : 23.3/22

In: -802.348+/-667.256 χ^2/NDF :11.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -326.767+/-448.499 χ^2/NDF : 23.3/22

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: 1307.691+/-0.427 χ^2/NDF : 302160.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

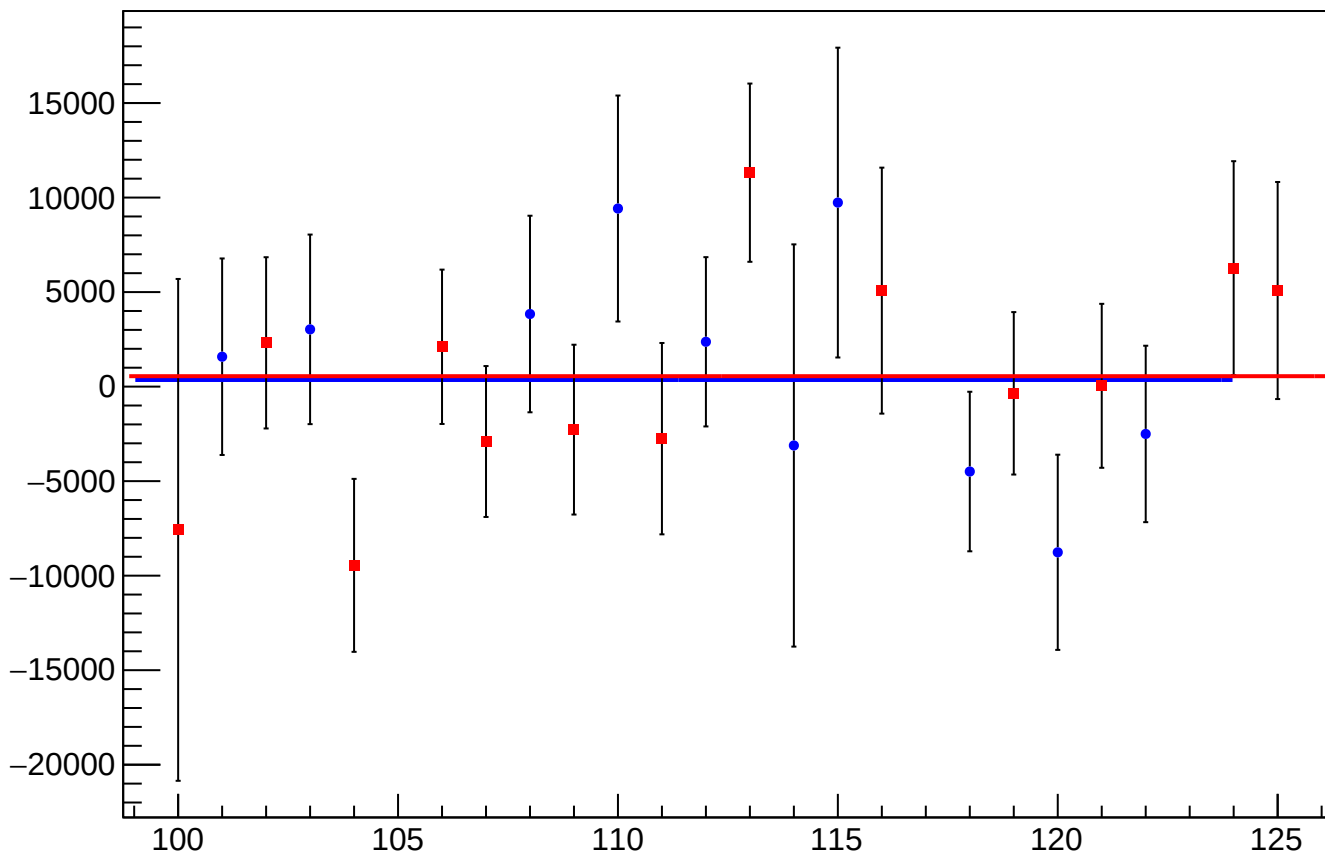
Right: 1306.268+/-0.317 χ^2/NDF : 793979.5/22

In: 1304.532+/-0.472 χ^2/NDF : 491794.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1306.268+/-0.317 χ^2/NDF : 793979.5/22

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: 551.385+/-1347.016 χ^2/NDF : 14.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

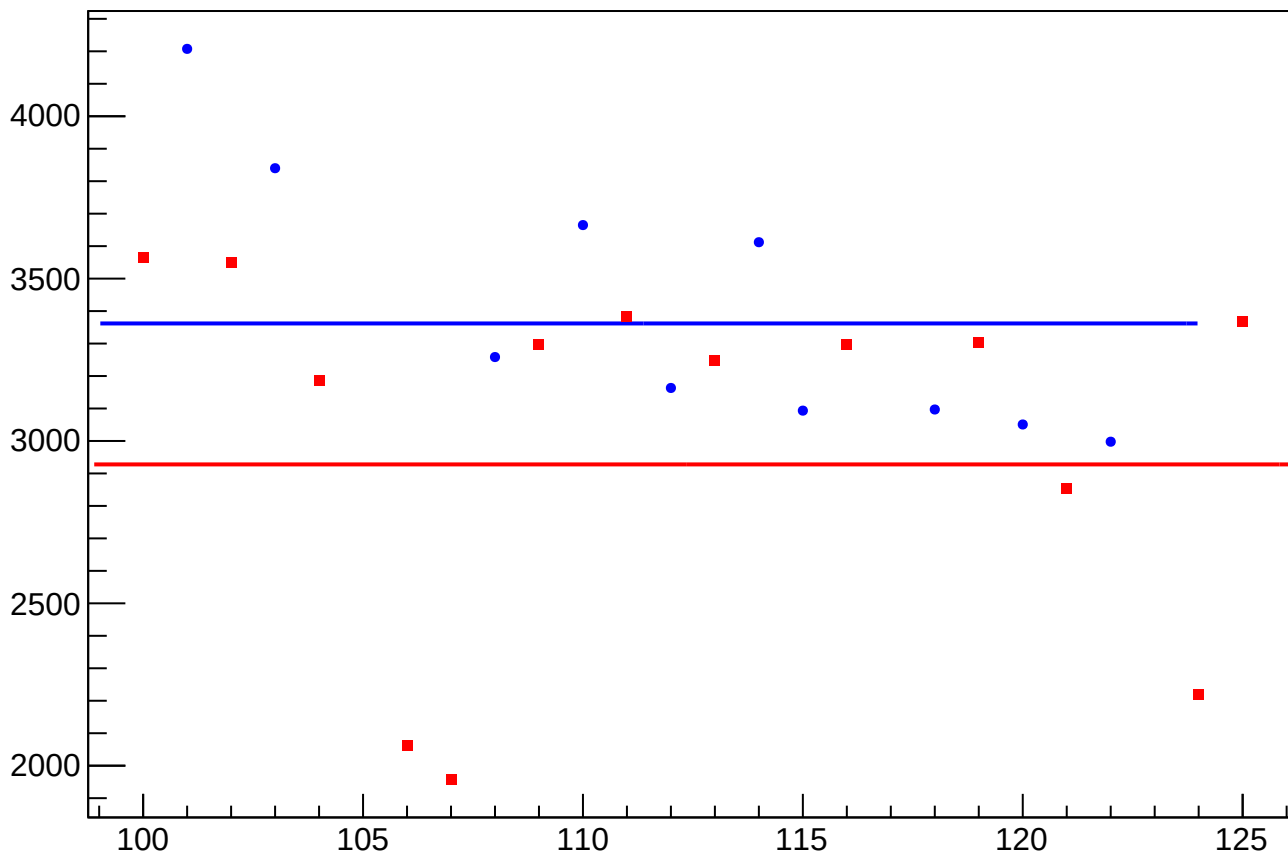
Right: 472.726+/-1050.517 χ^2/NDF : 24.0/22

In: 350.610+/-1678.349 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 472.726+/-1050.517 χ^2/NDF : 24.0/22

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: 2927.820+/-0.952 χ^2/NDF : 361716.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

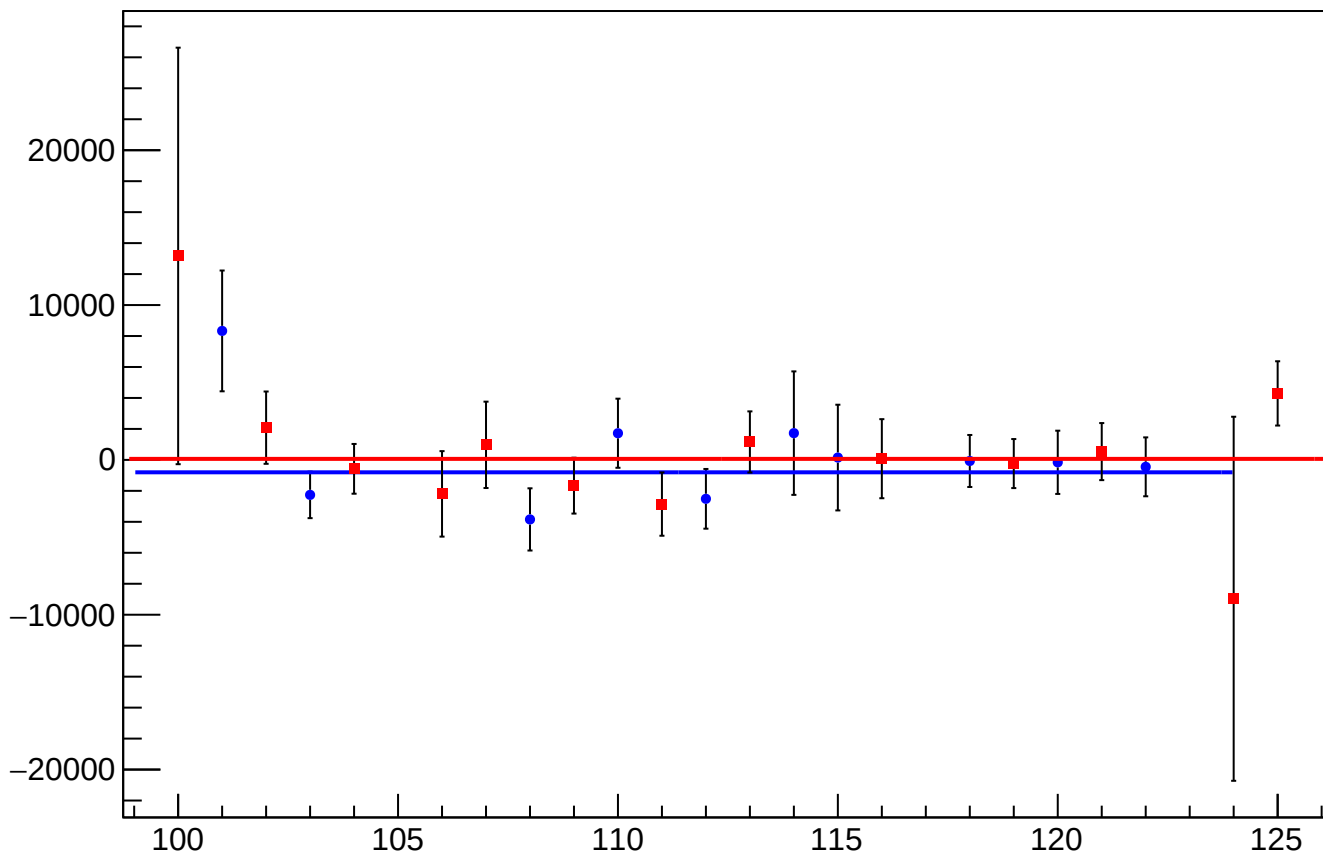
Right: 3097.893+/-0.743 χ^2/NDF : 554674.9/22

In: 3361.923+/-1.187 χ^2/NDF :111579.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3097.893+/-0.743 χ^2/NDF : 554674.9/22

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: 65.171+/-605.744 χ^2/NDF : 10.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

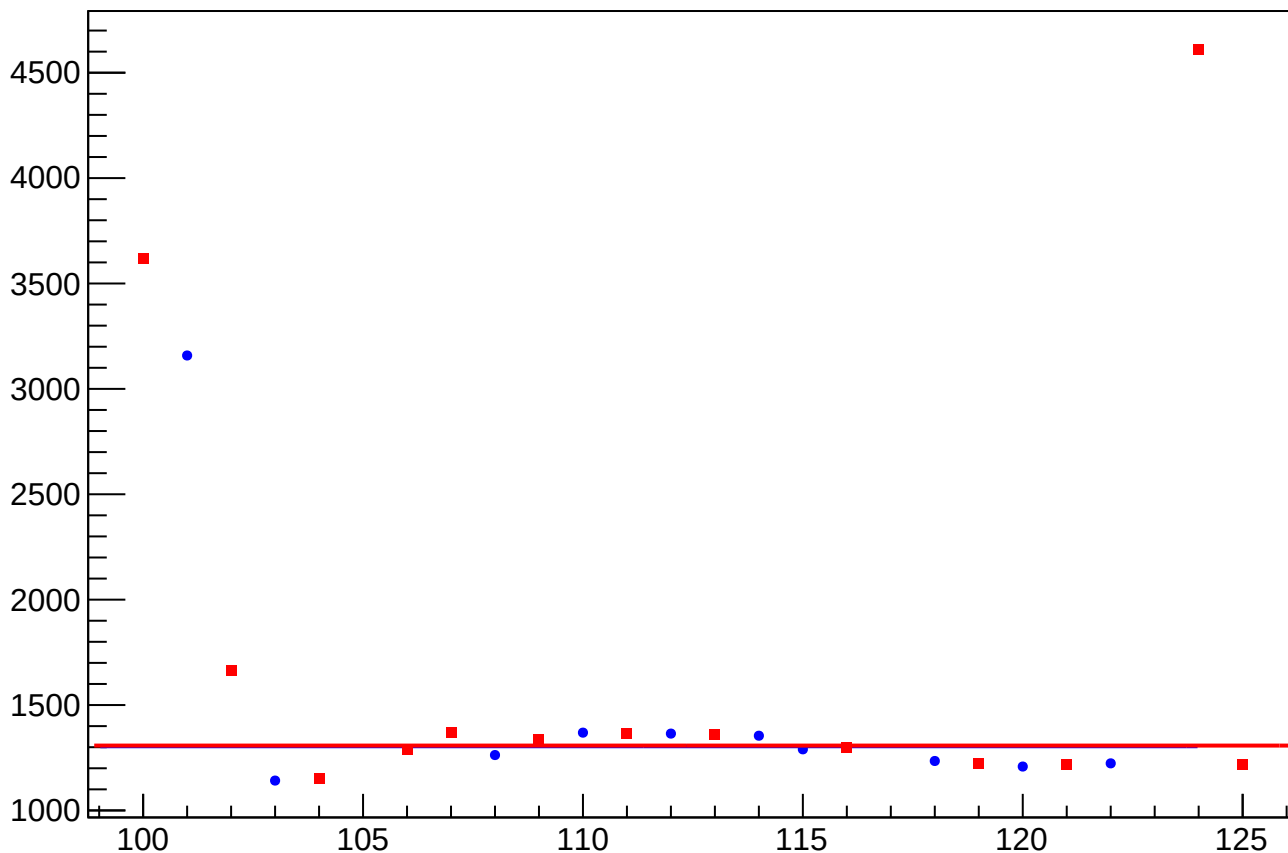
Right: -326.767+/-448.499 χ^2/NDF : 23.3/22

In: -802.348+/-667.256 χ^2/NDF :11.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -326.767+/-448.499 χ^2/NDF : 23.3/22

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: 1307.691+/-0.427 χ^2/NDF : 302160.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

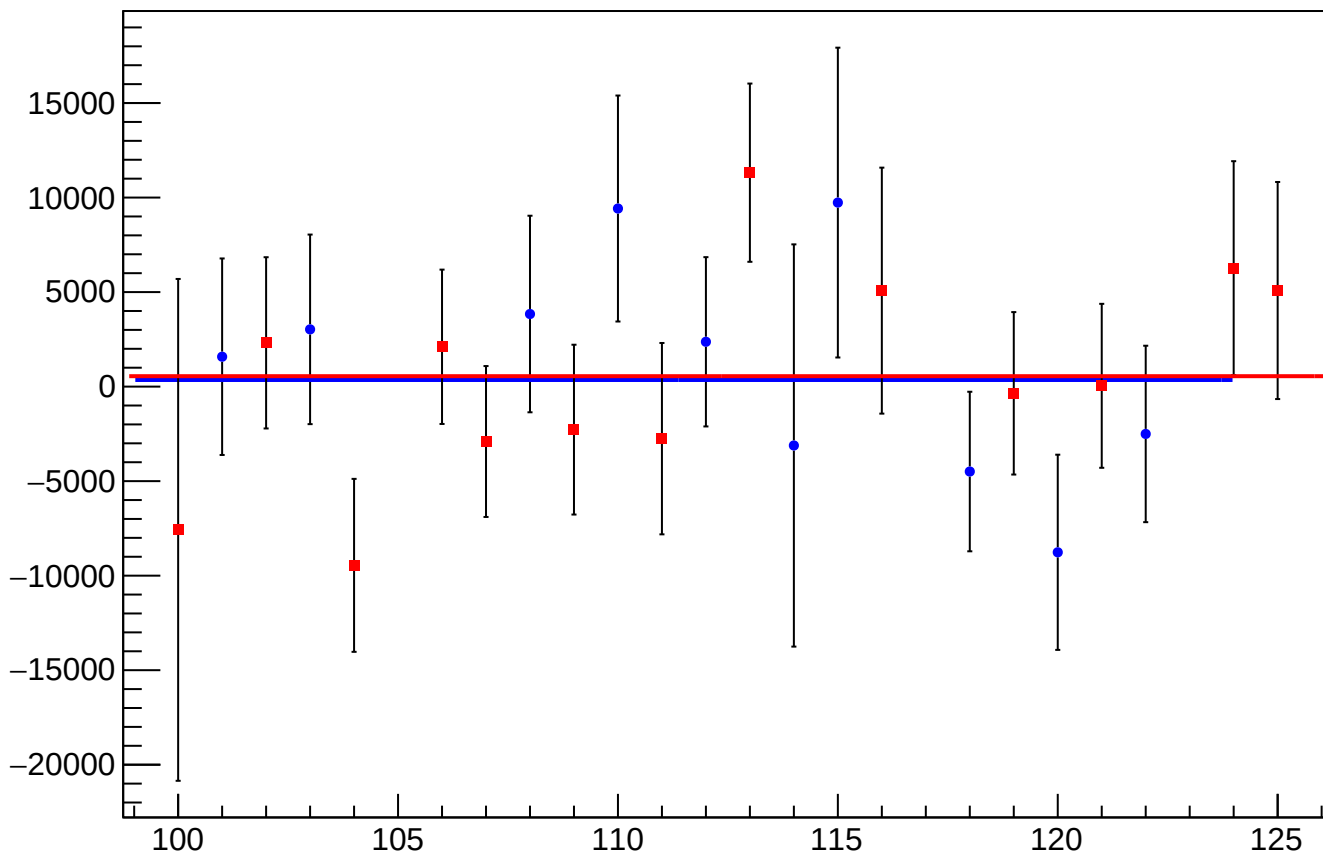
Right: 1306.268+/-0.317 χ^2/NDF : 793979.5/22

In: 1304.532+/-0.472 χ^2/NDF : 491794.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1306.268+/-0.317 χ^2/NDF : 793979.5/22

asym_atl_dd_atr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 350.610+/-1678.349 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 551.385+/-1347.016 χ^2/NDF : 14.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

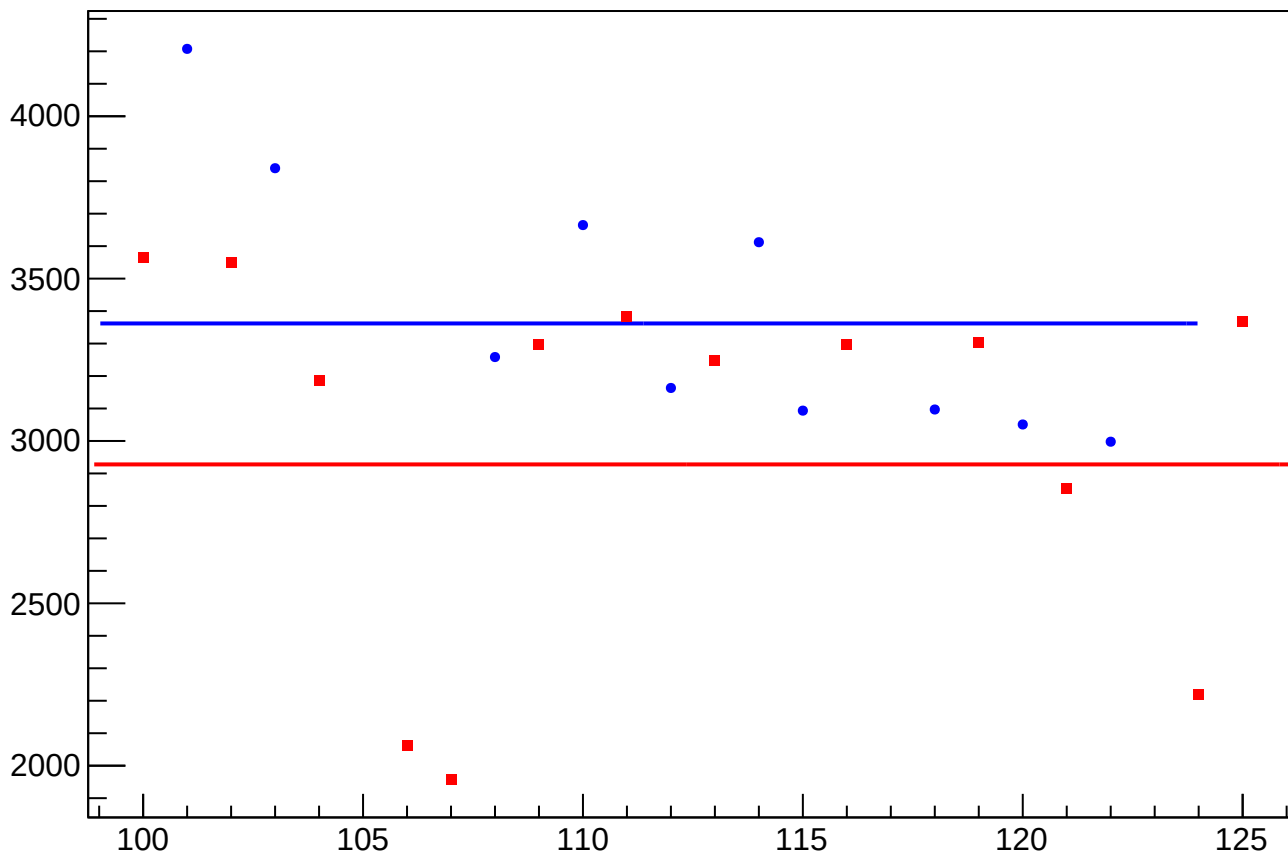
Right: 472.726+/-1050.517 χ^2/NDF : 24.0/22

In: 350.610+/-1678.349 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 472.726+/-1050.517 χ^2/NDF : 24.0/22

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: 2927.820+/-0.952 χ^2/NDF : 361716.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

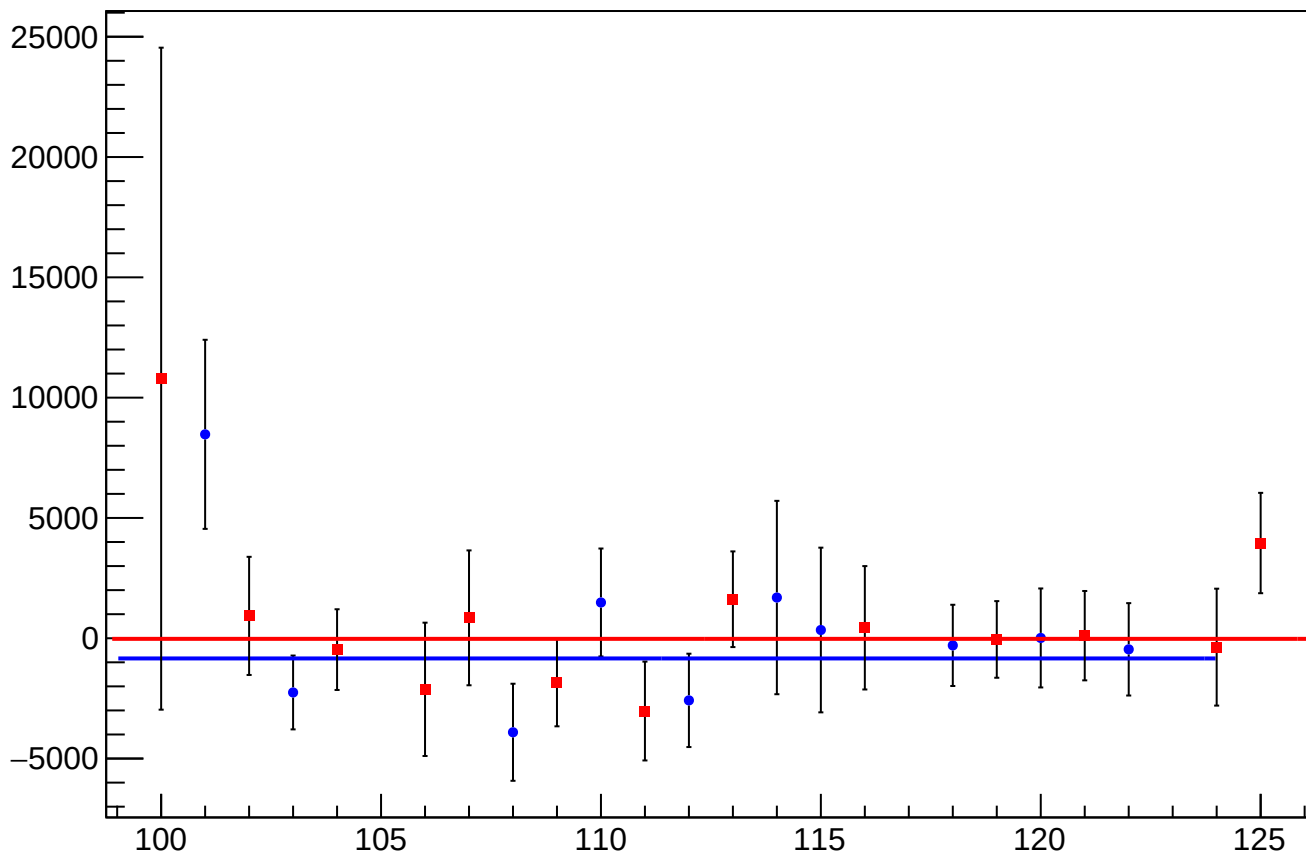
Right: 3097.893+/-0.743 χ^2/NDF : 554674.9/22

In: 3361.923+/-1.187 χ^2/NDF : 111579.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3097.893+/-0.743 χ^2/NDF : 554674.9/22

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: -24.839+/-596.093 χ^2/NDF : 9.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

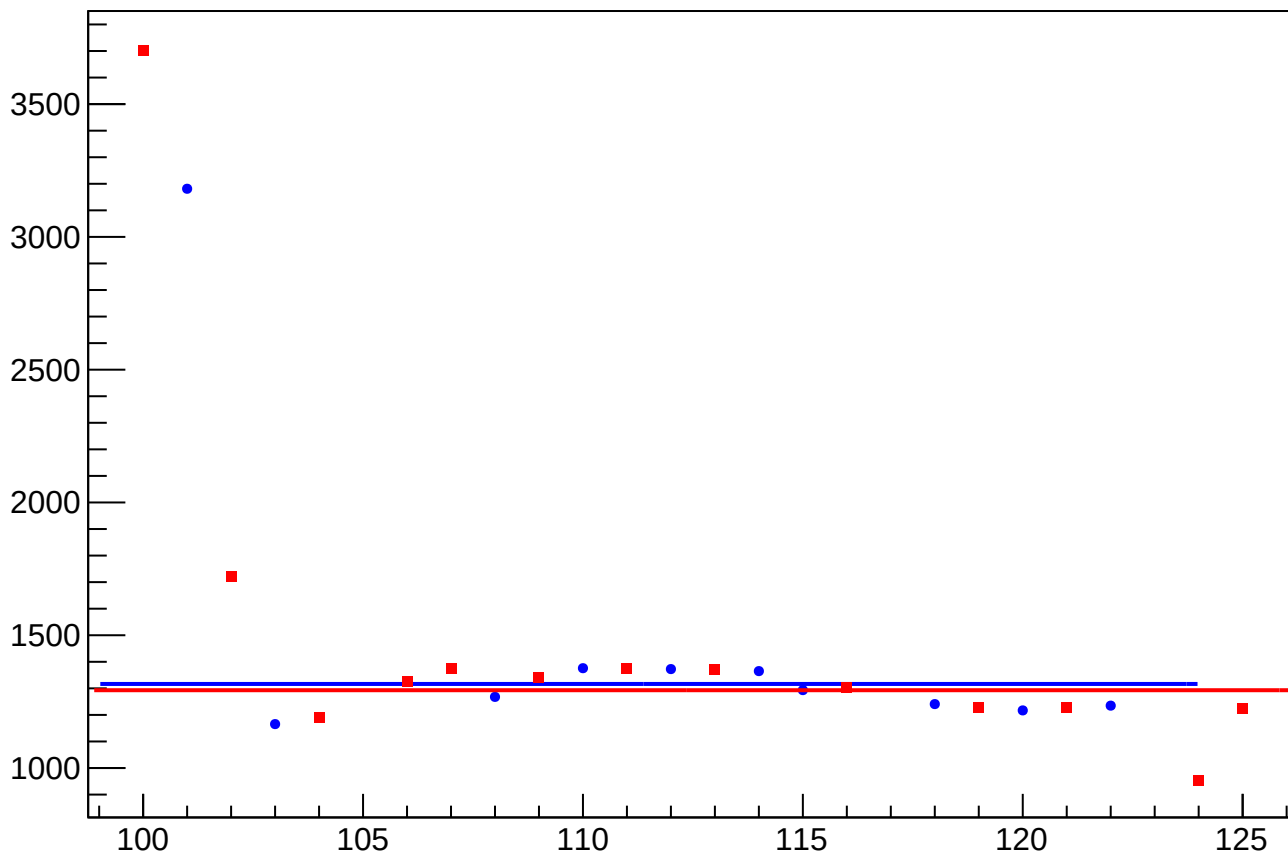
Right: -382.686+/-446.311 χ^2/NDF : 21.4/22

In: -839.228+/-673.294 χ^2/NDF : 11.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -382.686+/-446.311 χ^2/NDF : 21.4/22

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1316.587 $\pm$ 0.476 χ^2 /NDF: 486821.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1293.001 $\pm$ 0.421 χ^2 /NDF: 186268.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

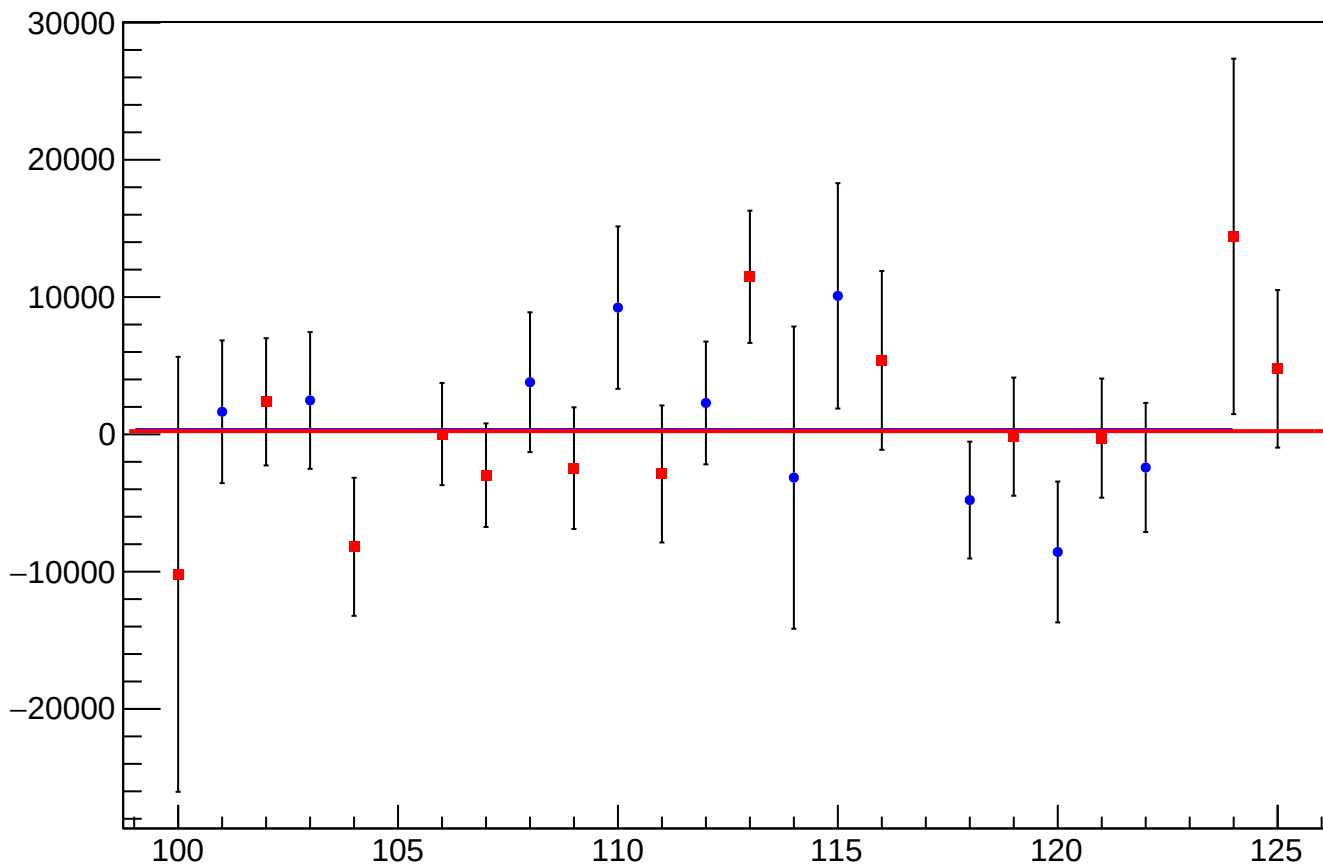
Right: 1303.352 $\pm$ 0.315 χ^2 /NDF: 674467.0/22

In: 1316.587 $\pm$ 0.476 χ^2 /NDF:486821.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1303.352 $\pm$ 0.315 χ^2 /NDF: 674467.0/22

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: 237.000+/-1368.624 χ^2 /NDF: 12.9/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

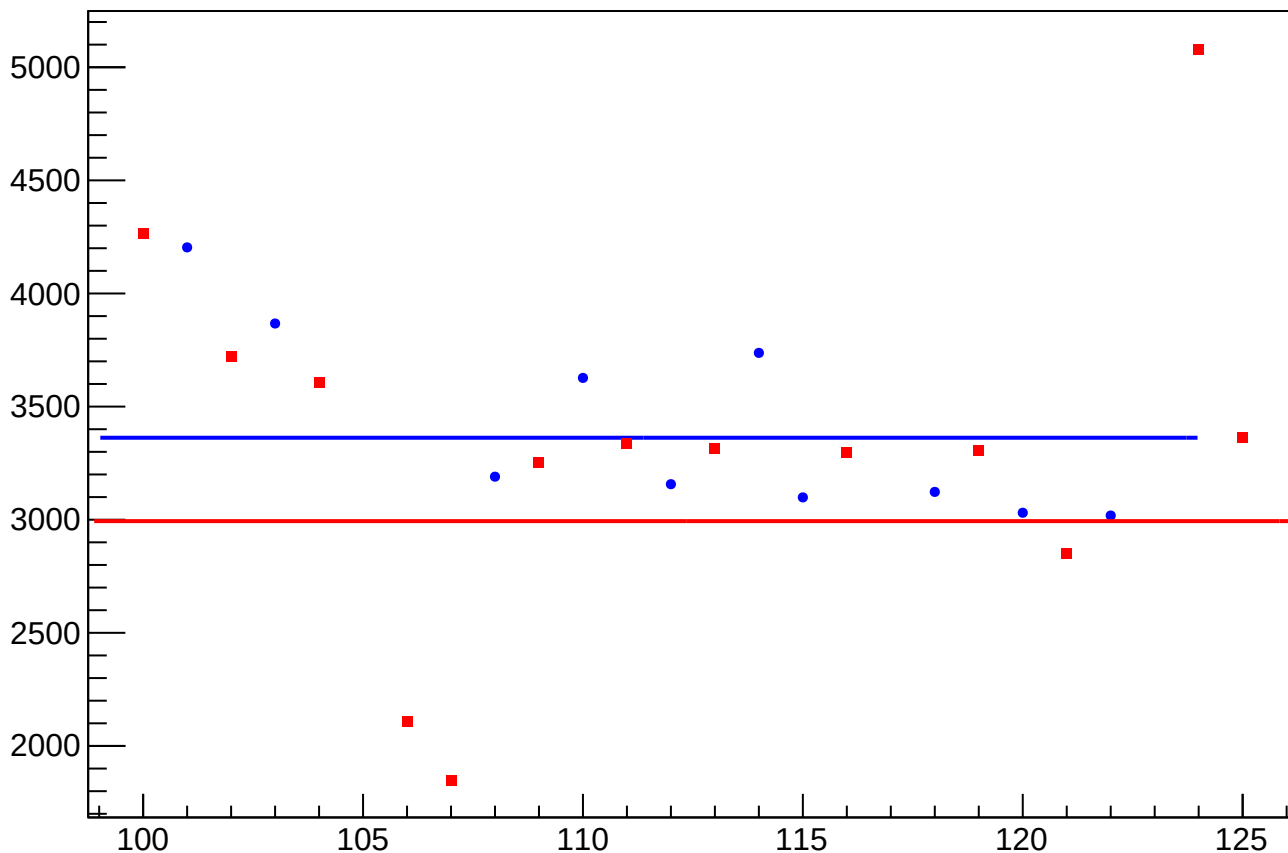
Right: 266.527+/-1060.072 χ^2 /NDF: 22.3/22

In: 310.805+/-1675.980 χ^2 /NDF:9.5/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 266.527+/-1060.072 χ^2 /NDF: 22.3/22

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: 2993.777+/-0.968 χ^2/NDF : 492303.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

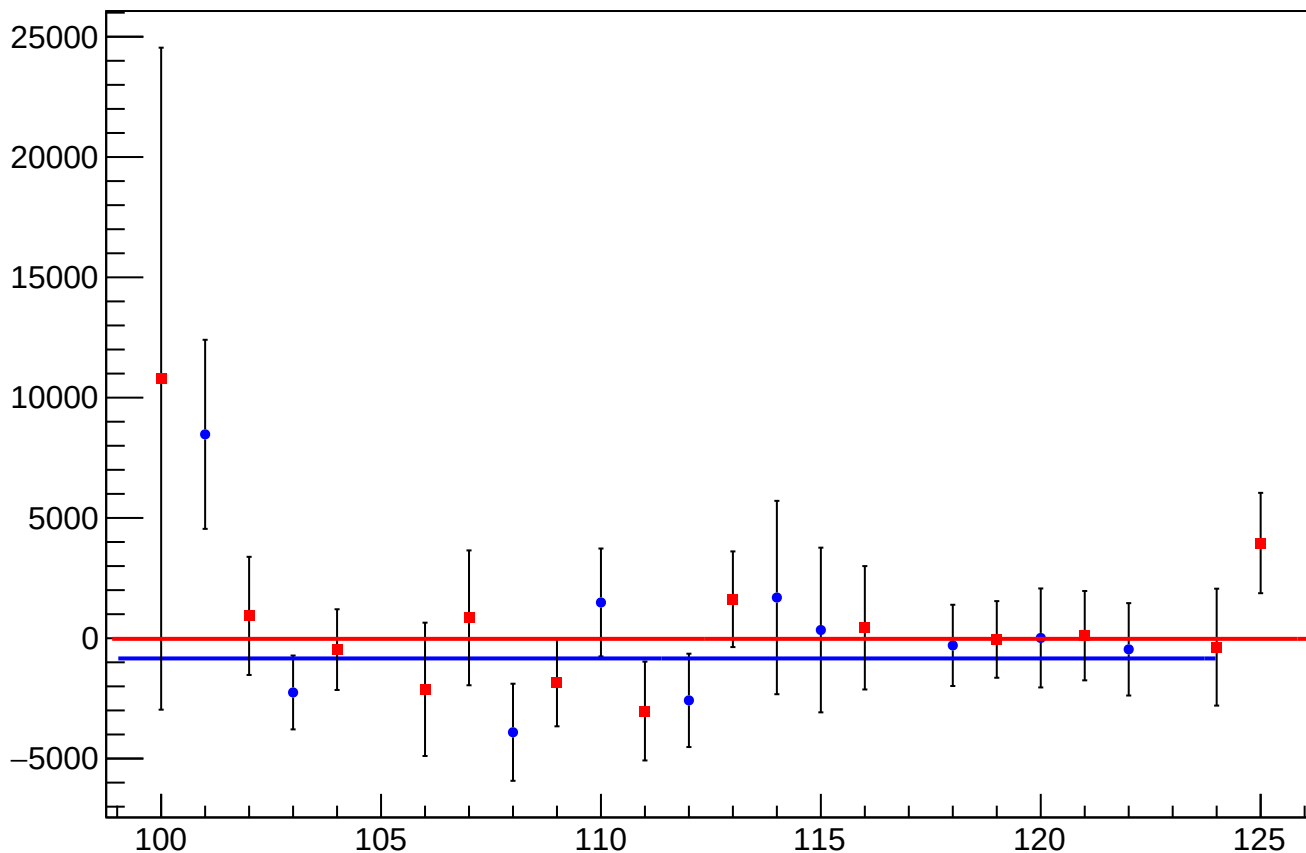
Right: 3141.241+/-0.750 χ^2/NDF : 663593.9/22

In: 3362.376+/-1.185 χ^2/NDF : 113253.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3141.241+/-0.750 χ^2/NDF : 663593.9/22

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: -24.850+/-596.092 χ^2/NDF : 9.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

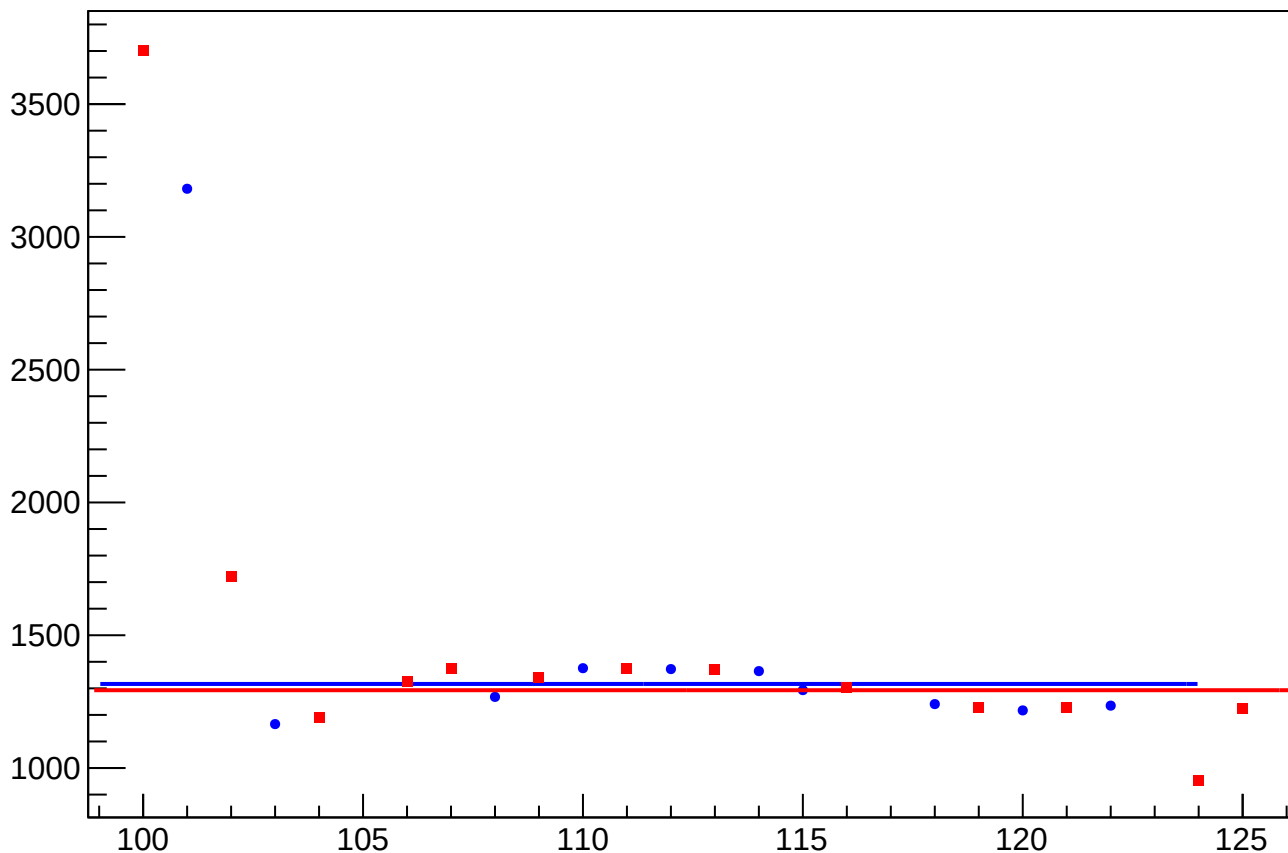
Right: -382.691+/-446.311 χ^2/NDF : 21.4/22

In: -839.225+/-673.294 χ^2/NDF : 11.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -382.691+/-446.311 χ^2/NDF : 21.4/22

eigen_dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1316.587 $\pm$ 0.476 χ^2 /NDF: 486821.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1293.001 $\pm$ 0.421 χ^2 /NDF: 186268.1/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

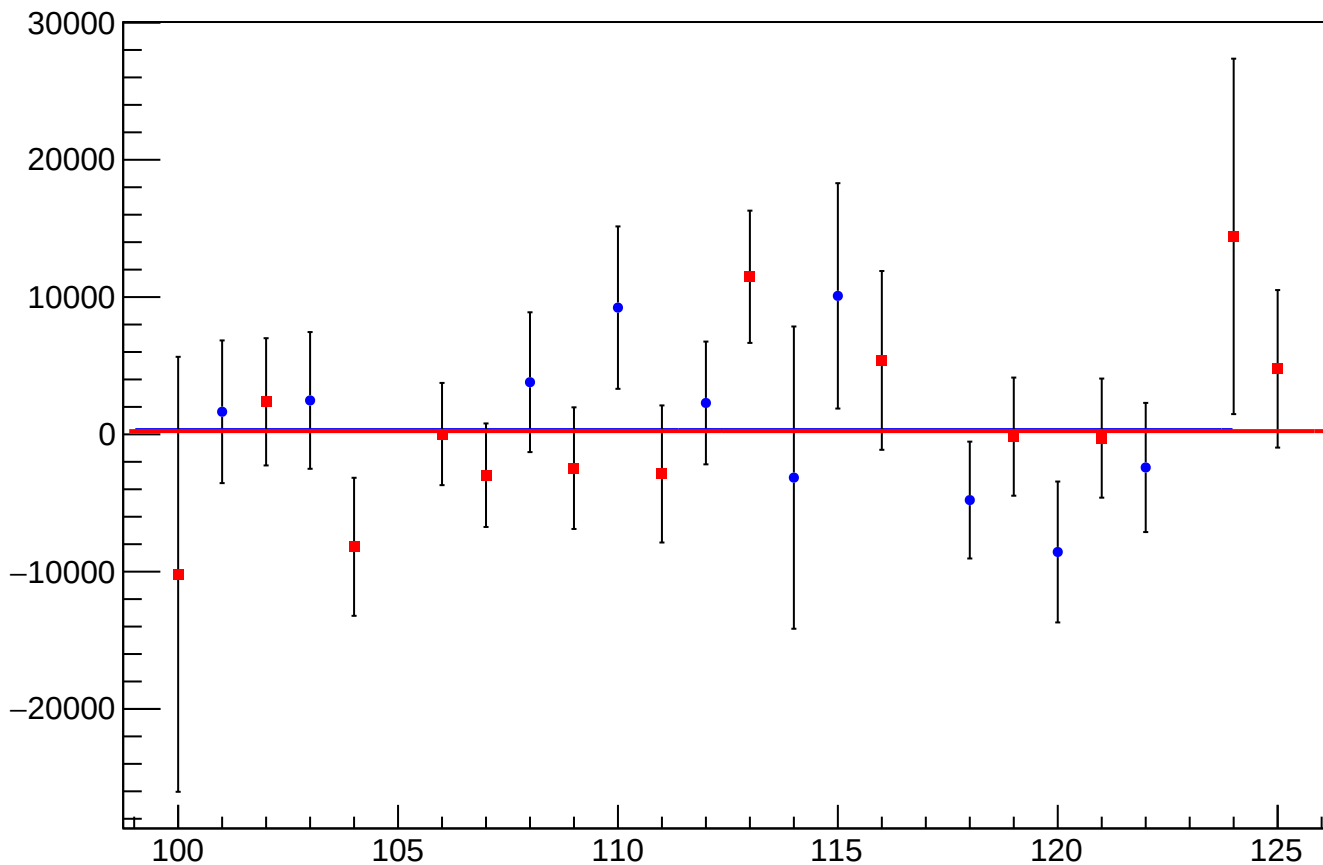
Right: 1303.352 $\pm$ 0.315 χ^2 /NDF: 674467.2/22

In: 1316.587 $\pm$ 0.476 χ^2 /NDF:486821.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1303.352 $\pm$ 0.315 χ^2 /NDF: 674467.2/22

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: 236.995+/-1368.620 χ^2/NDF : 12.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

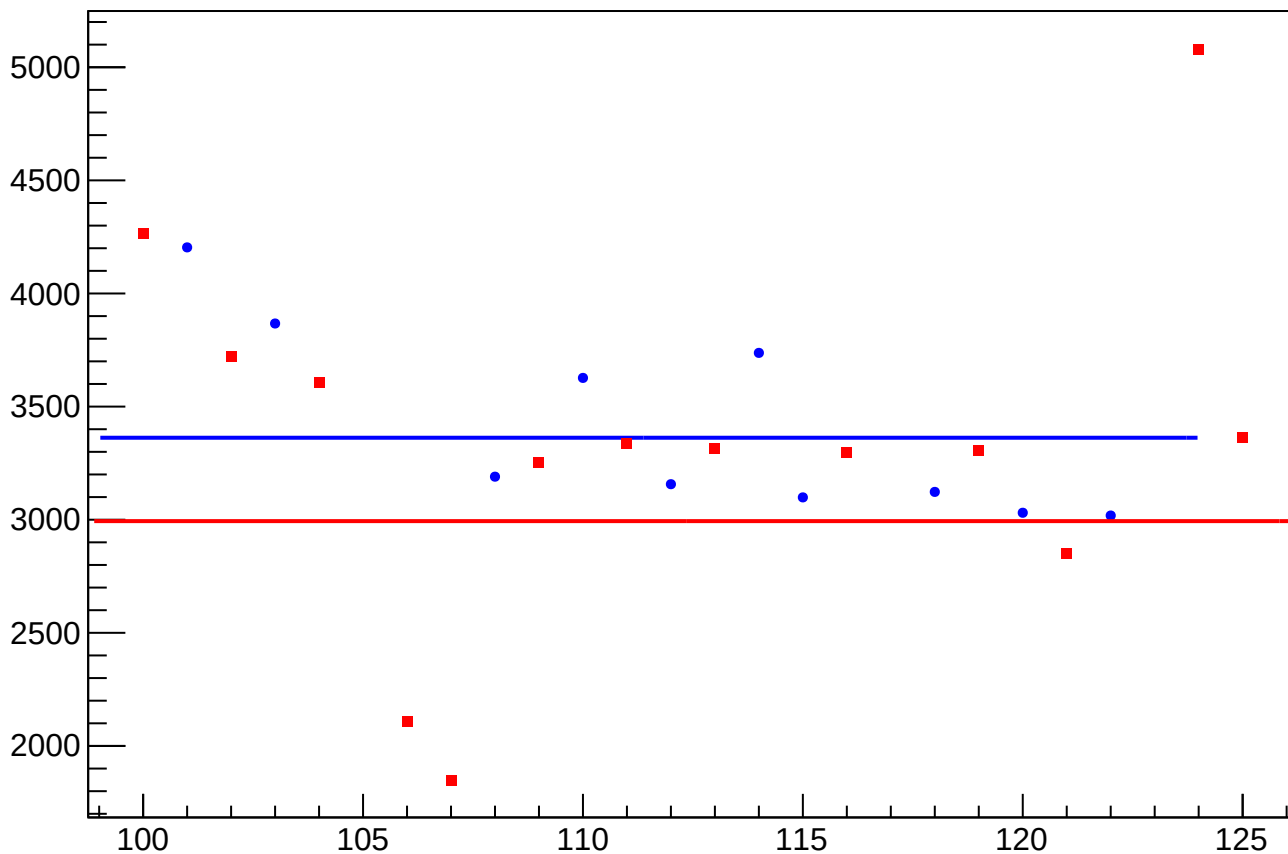
Right: 266.520+/-1060.069 χ^2/NDF : 22.3/22

In: 310.796+/-1675.975 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 266.520+/-1060.069 χ^2/NDF : 22.3/22

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: 2993.769+/-0.968 χ^2/NDF : 492305.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

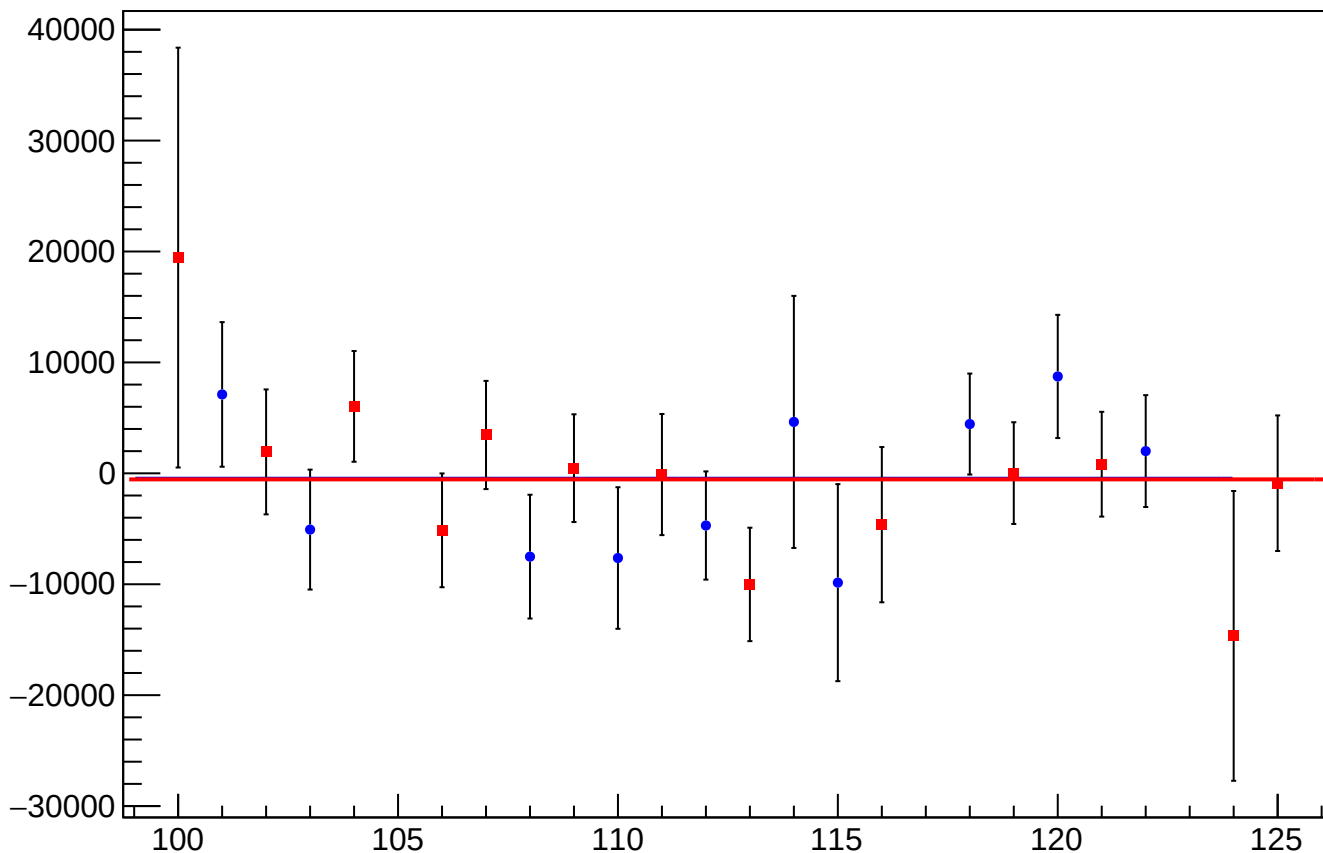
Right: 3141.232+/-0.750 χ^2/NDF : 663598.3/22

In: 3362.366+/-1.185 χ^2/NDF : 113256.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3141.232+/-0.750 χ^2/NDF : 663598.3/22

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: -545.638+/-1553.954 χ^2/NDF : 9.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

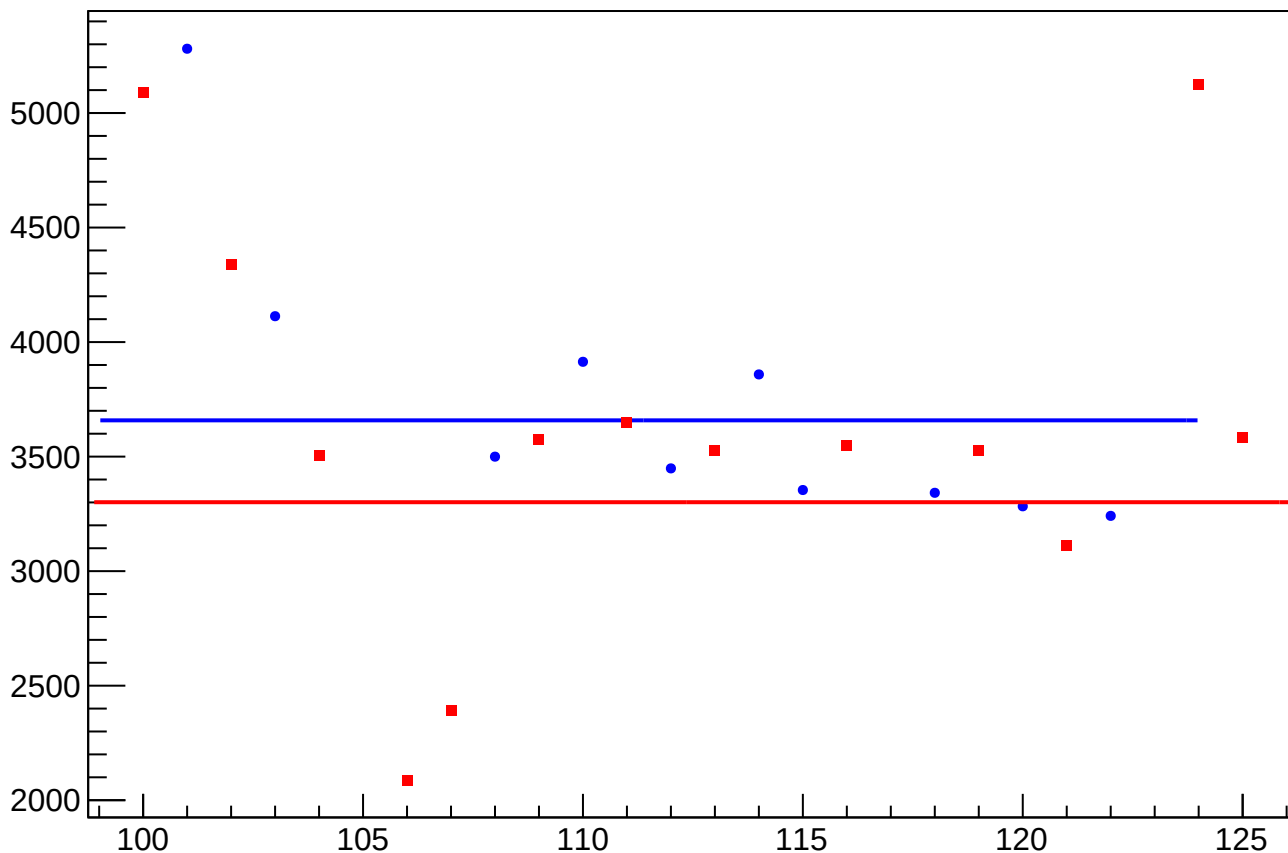
Right: -521.845+/-1185.960 χ^2/NDF : 20.8/22

In: -488.656+/-1835.353 χ^2/NDF : 11.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -521.845+/-1185.960 χ^2/NDF : 20.8/22

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: 3300.947+/-1.079 χ^2/NDF : 388143.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

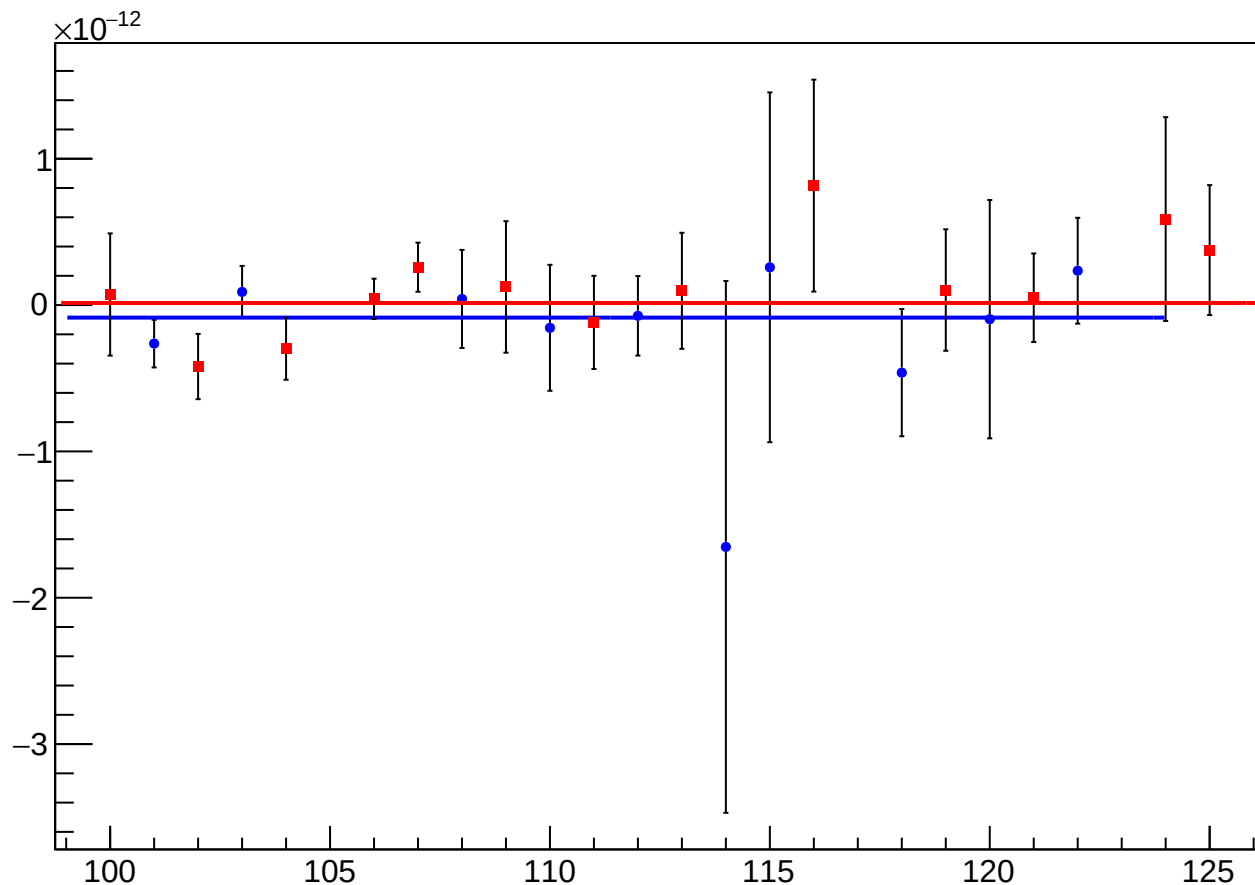
Right: 3446.967+/-0.830 χ^2/NDF : 614992.8/22

In: 3658.323+/-1.298 χ^2/NDF : 182001.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3446.967+/-0.830 χ^2/NDF : 614992.8/22

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: 11.1/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

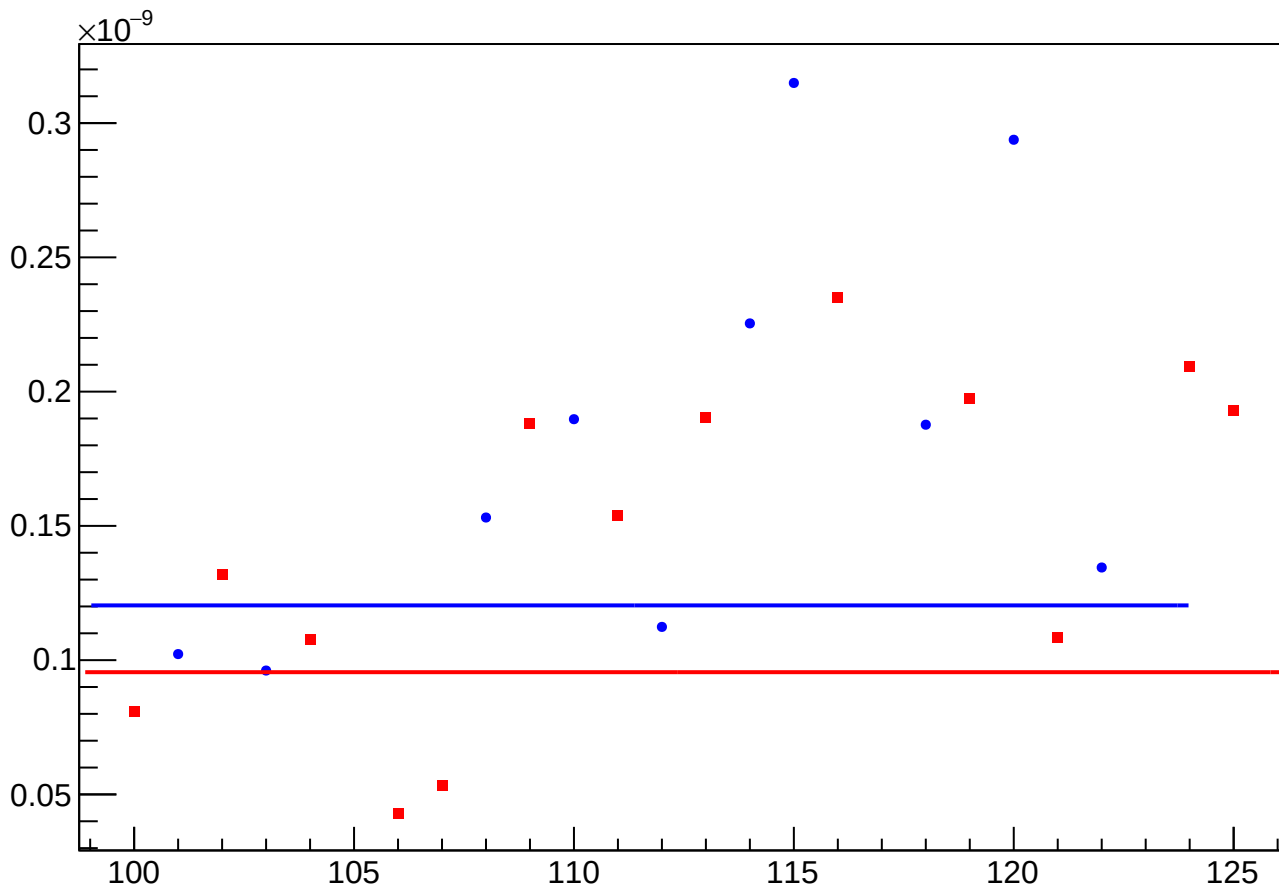
Right: -0.000+/-0.000 χ^2 /NDF: 16.5/22

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: 16.5/22

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 : 1096990.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

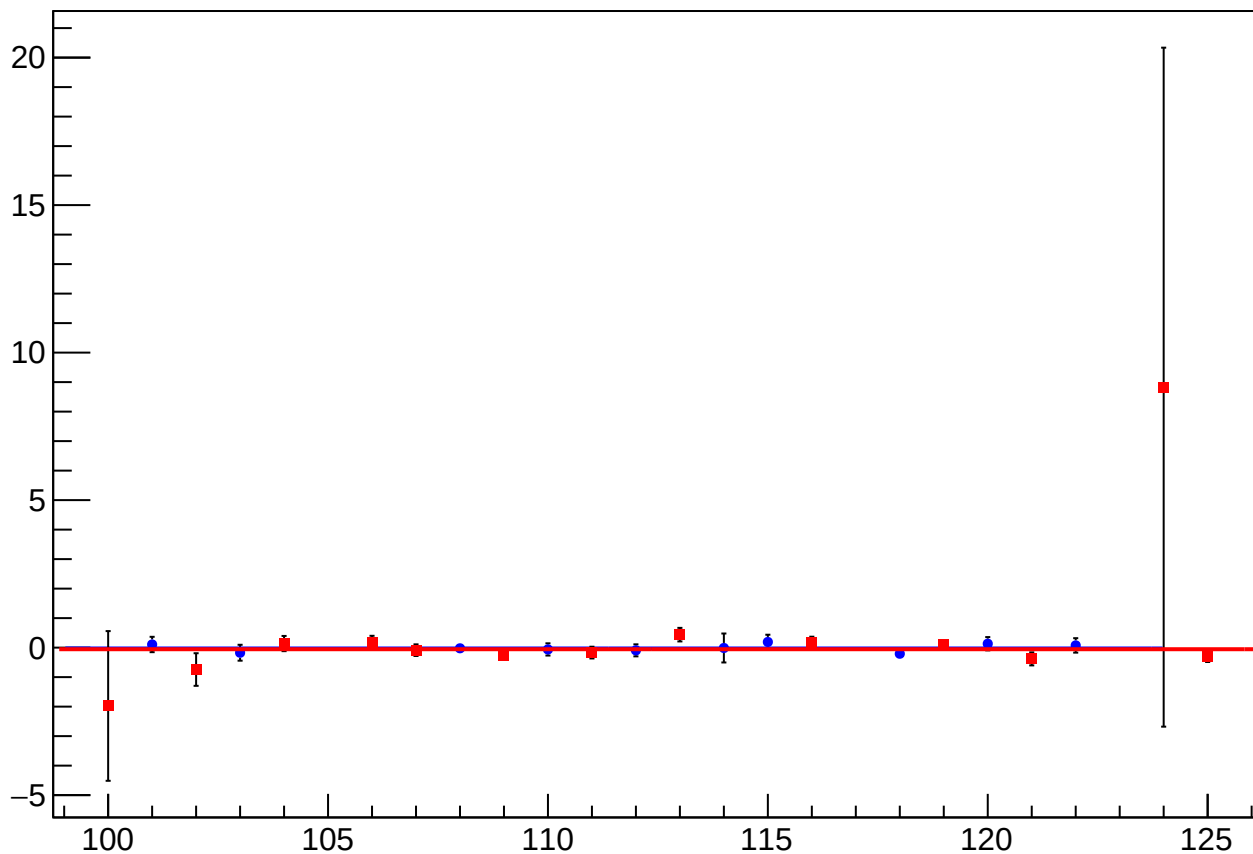
Right: 0.000+/-0.000 χ^2/NDF : 1519489.5/22

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 : 1519489.5/22

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030 ± 0.069 χ^2/NDF : 3.4/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.054 ± 0.062 χ^2/NDF : 16.9/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

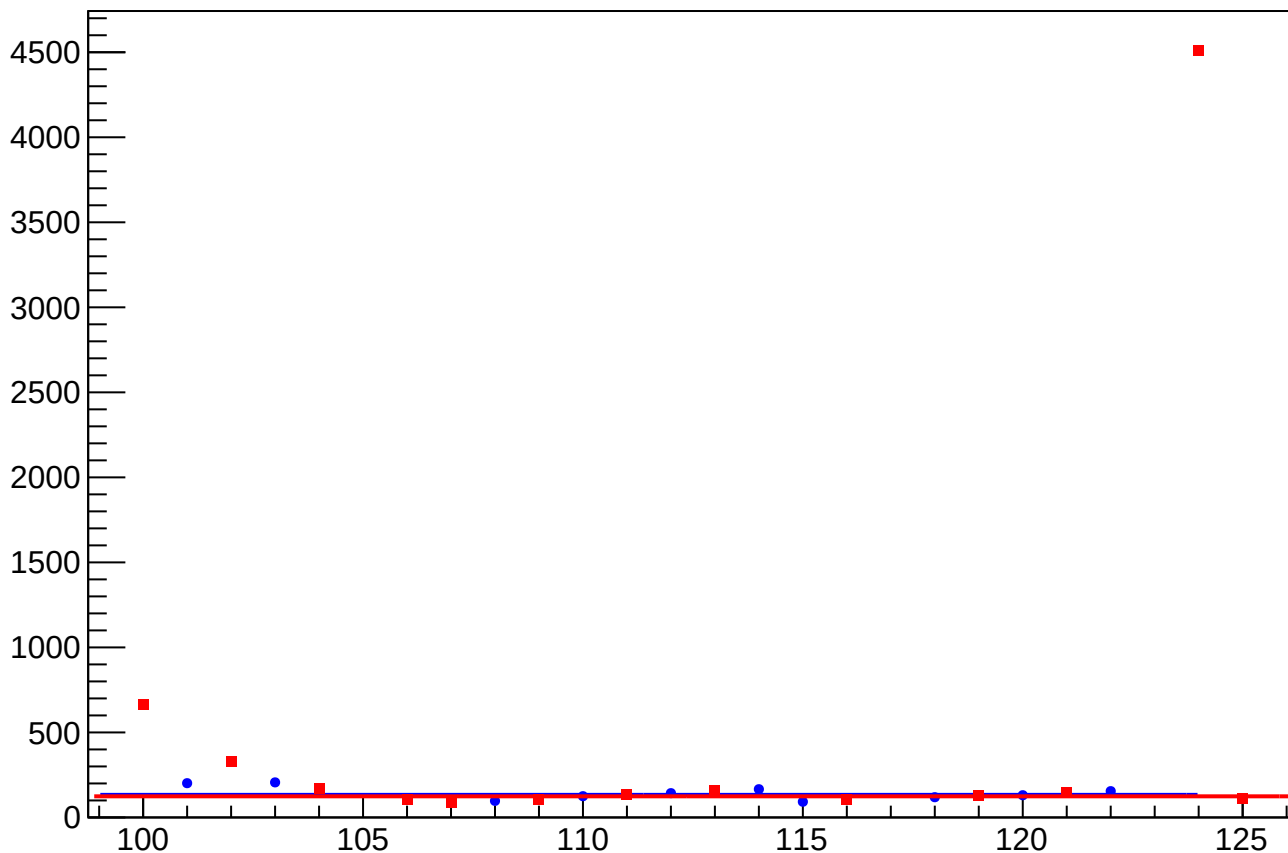
Right: -0.043 ± 0.046 χ^2/NDF : 20.3/22

In: -0.030 ± 0.069 χ^2/NDF : 3.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.043 ± 0.046 χ^2/NDF : 20.3/22

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: 124.262+/-0.044 χ^2/NDF : 906589.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

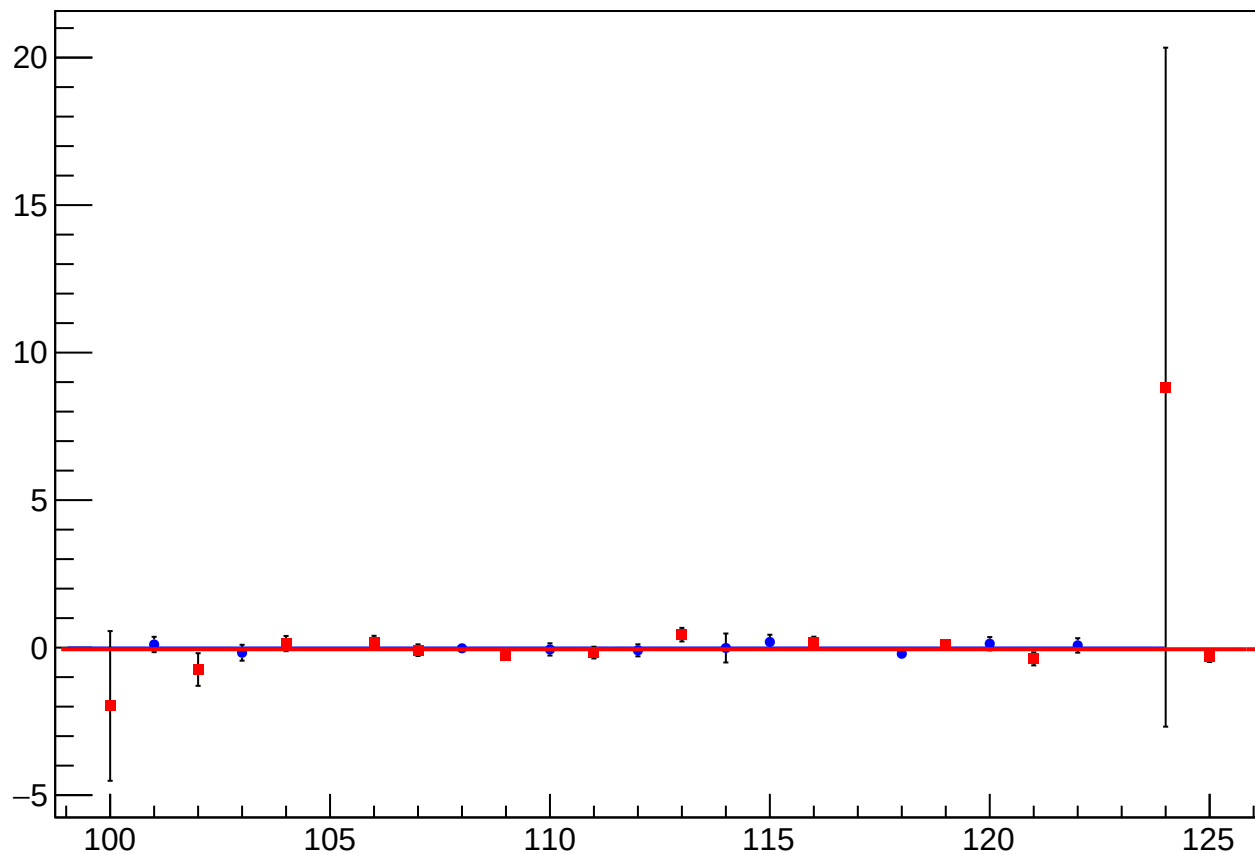
Right: 128.075+/-0.033 χ^2/NDF : 1409624.3/22

In: 132.828+/-0.049 χ^2/NDF : 485973.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.075+/-0.033 χ^2/NDF : 1409624.3/22

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: -0.054 ± 0.062 χ^2/NDF : 16.9/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

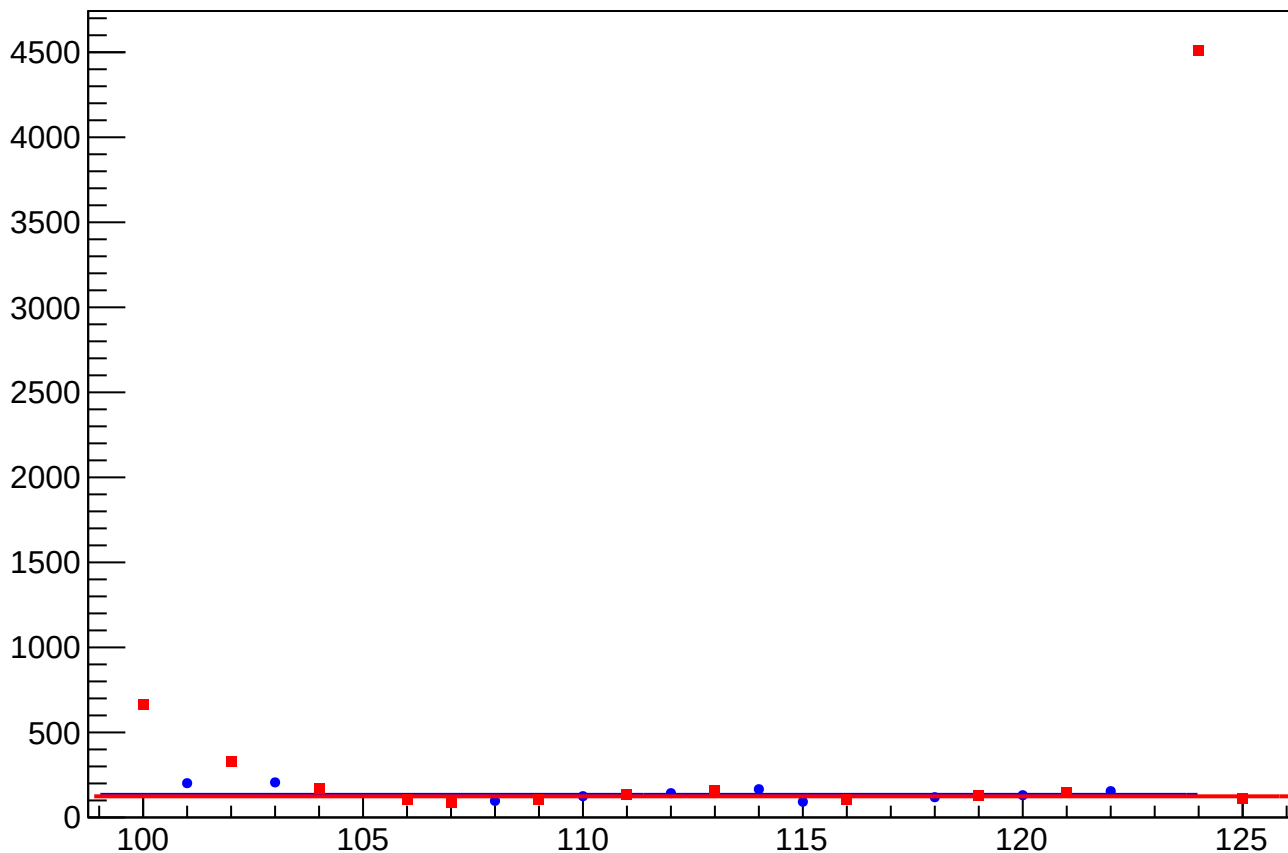
Right: -0.043 ± 0.046 χ^2/NDF : 20.3/22

In: -0.030 ± 0.069 χ^2/NDF : 3.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.043 ± 0.046 χ^2/NDF : 20.3/22

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: 124.262+/-0.044 χ^2/NDF : 906589.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

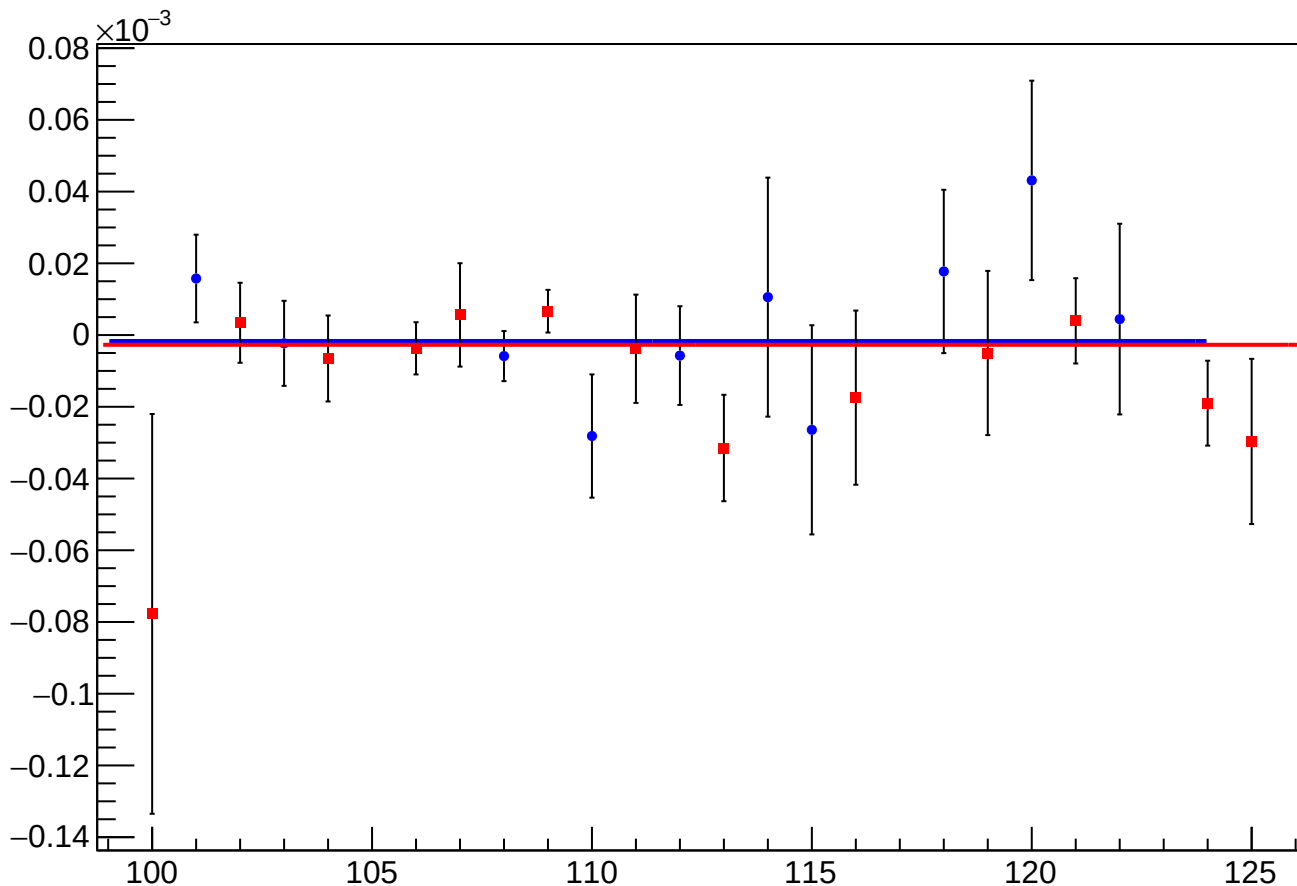
Right: 128.075+/-0.033 χ^2/NDF : 1409624.3/22

In: 132.828+/-0.049 χ^2/NDF : 485973.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.075+/-0.033 χ^2/NDF : 1409624.3/22

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: 12.8/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

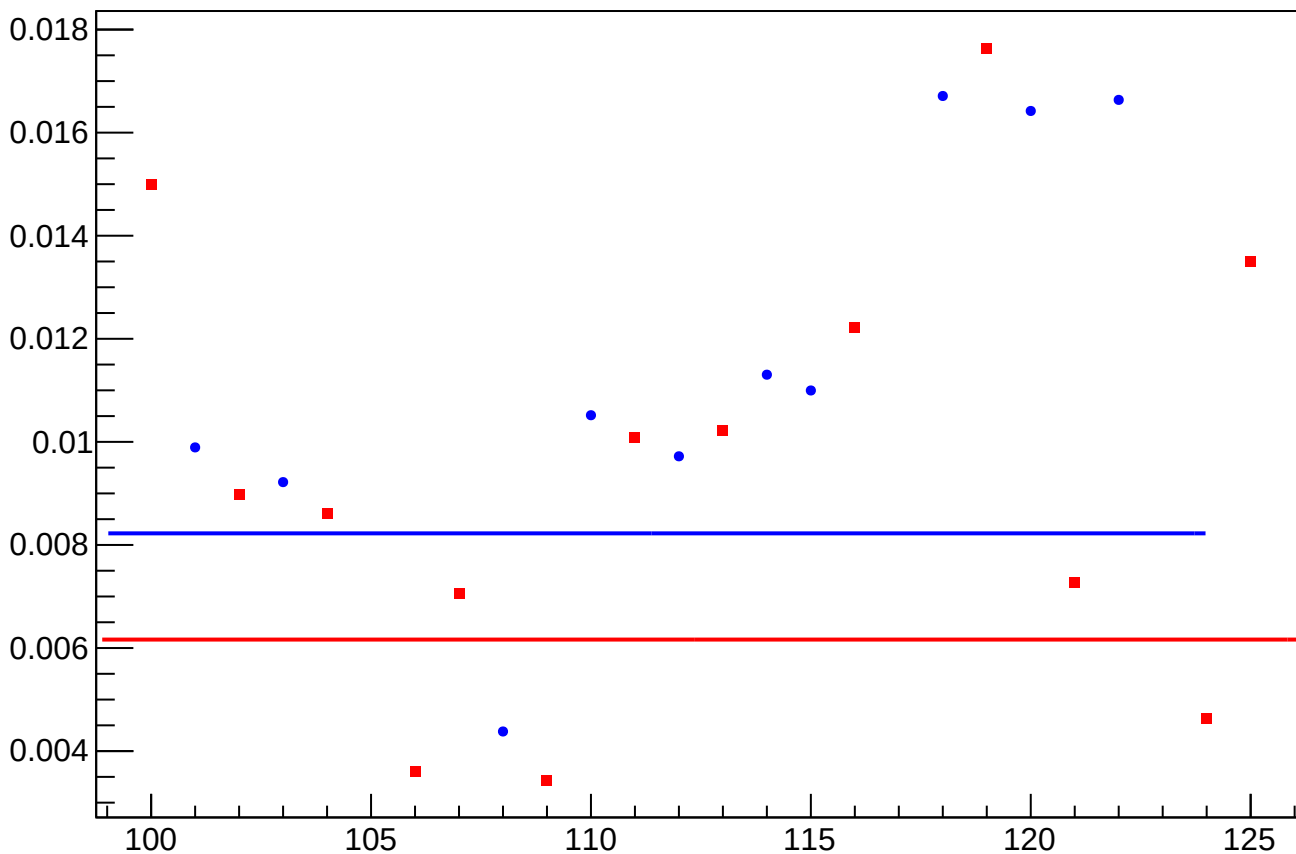
Right: -0.000+/-0.000 χ^2 /NDF: 21.9/22

In: -0.000+/-0.000 χ^2 /NDF:9.1/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 21.9/22

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 : 2102110.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

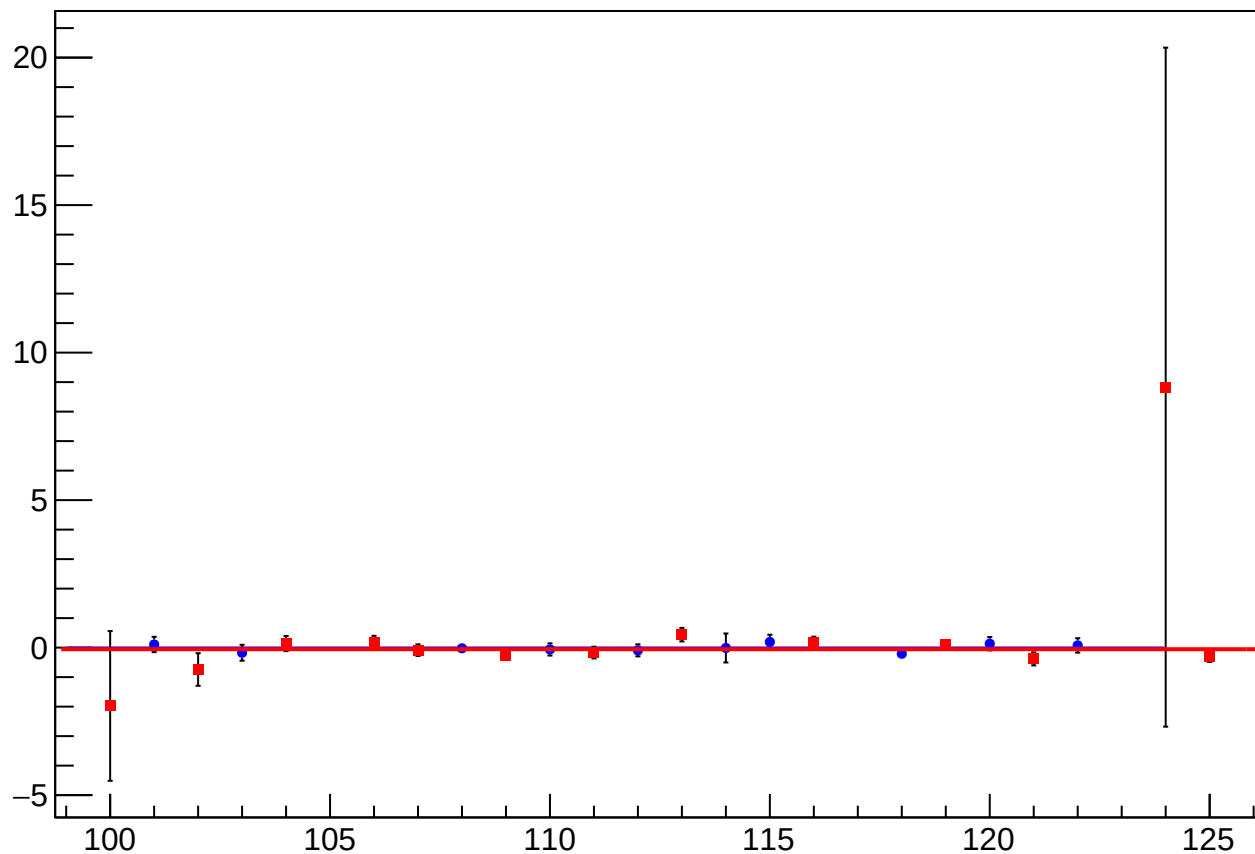
Right: 0.007+/-0.000 χ^2/NDF : 3783240.0/22

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 : 3783240.0/22

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: -0.054+/-0.062 χ^2/NDF : 16.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

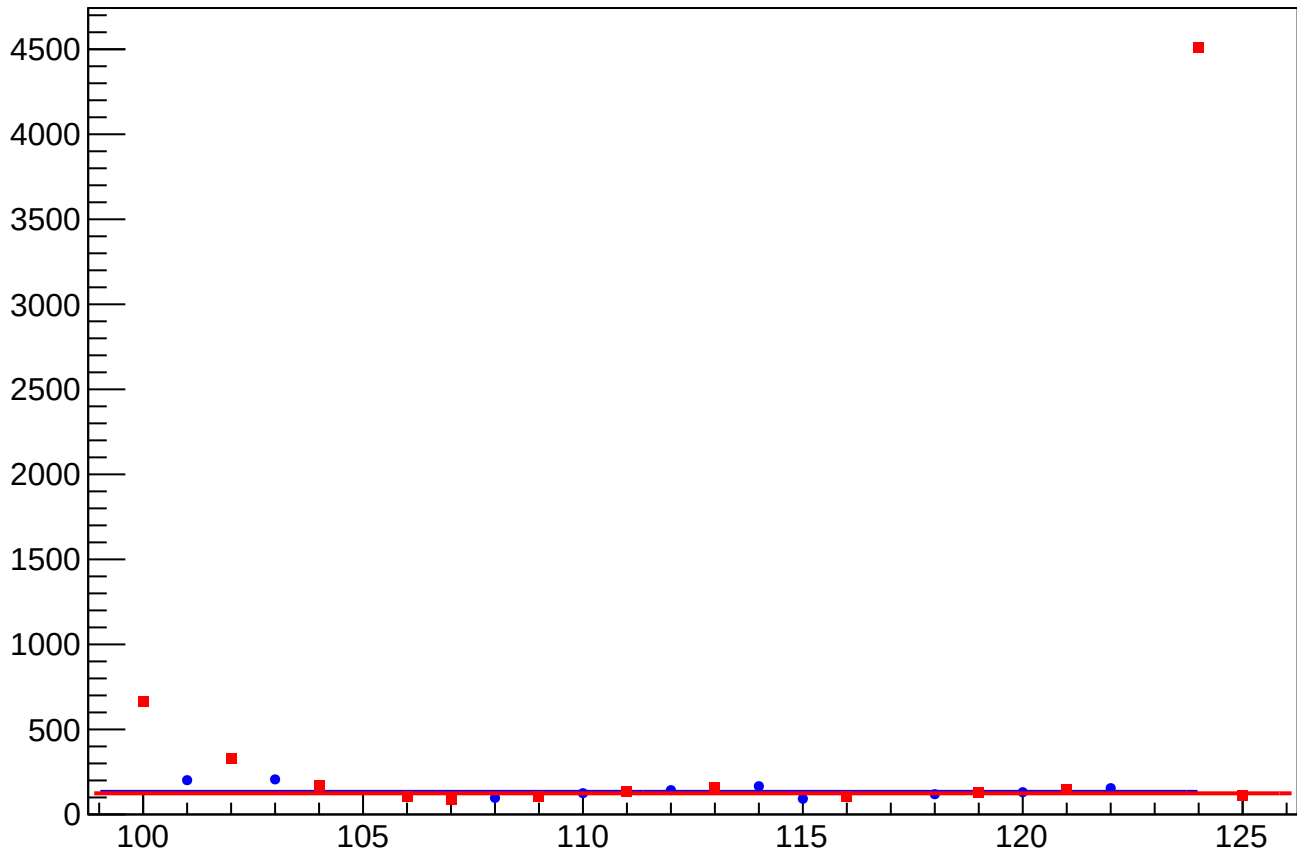
Right: -0.043+/-0.046 χ^2/NDF : 20.3/22

In: -0.030+/-0.069 χ^2/NDF :3.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.043+/-0.046 χ^2/NDF : 20.3/22

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: 124.264+/-0.044 χ^2/NDF : 906540.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

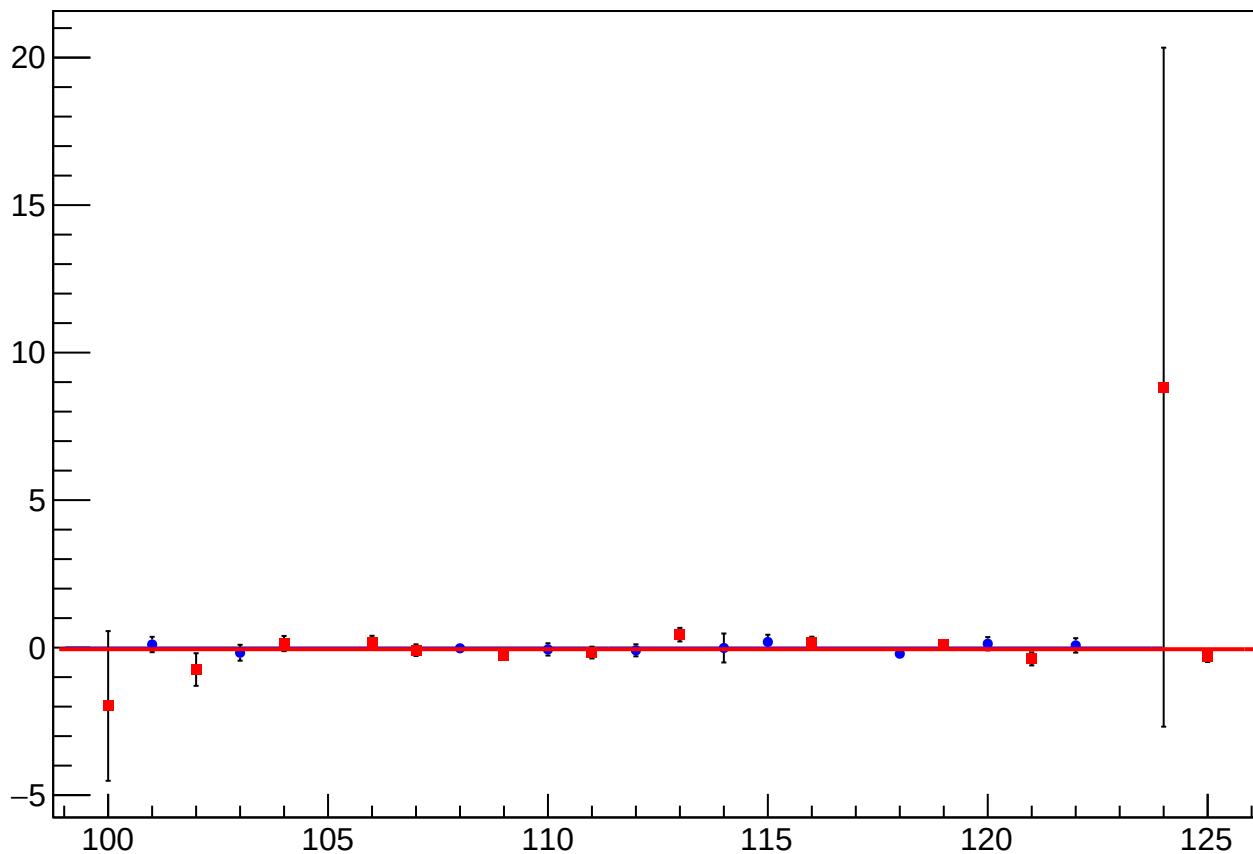
Right: 128.077+/-0.033 χ^2/NDF : 1409539.3/22

In: 132.829+/-0.049 χ^2/NDF : 485942.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.077+/-0.033 χ^2/NDF : 1409539.3/22

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: -0.054 ± 0.062 χ^2/NDF : 16.9/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

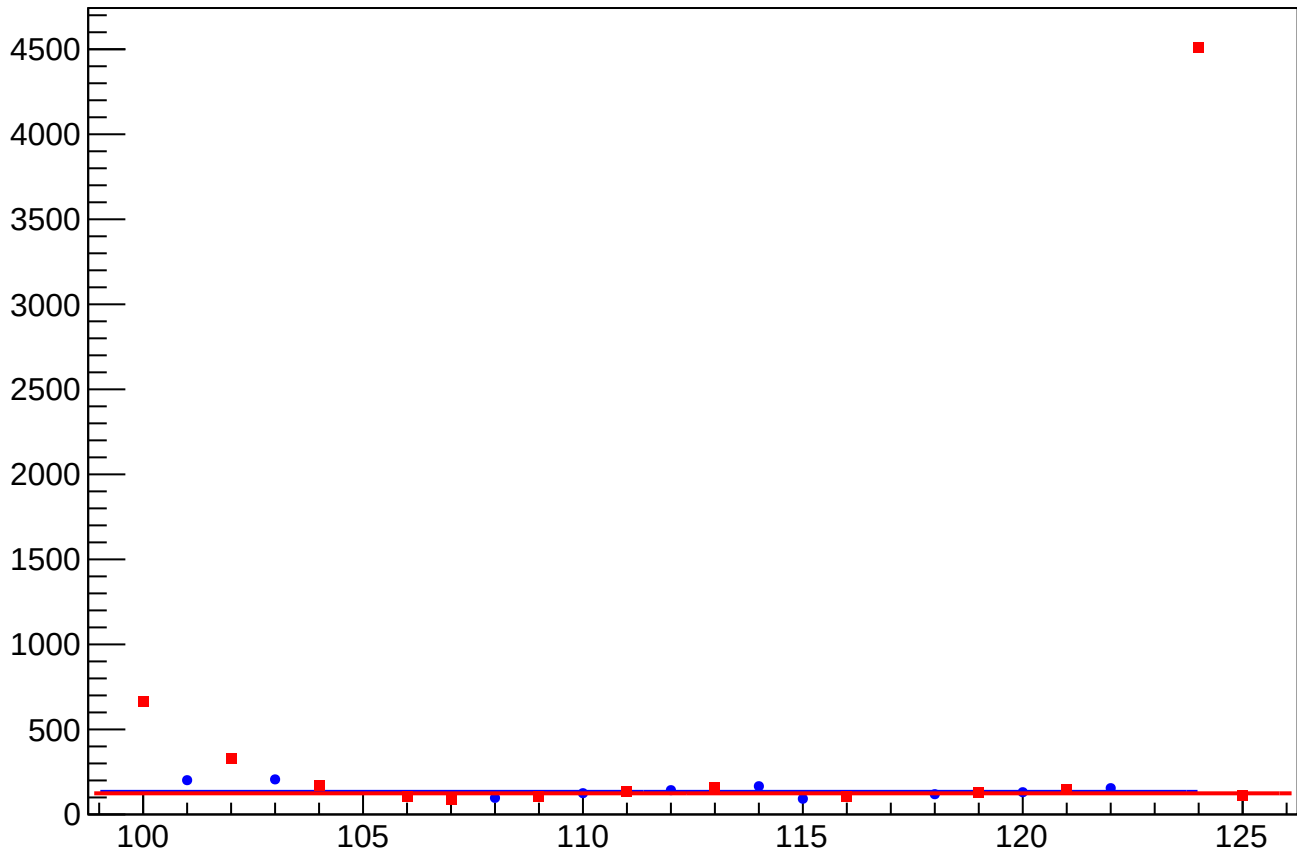
Right: -0.043 ± 0.046 χ^2/NDF : 20.3/22

In: -0.030 ± 0.069 χ^2/NDF : 3.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.043 ± 0.046 χ^2/NDF : 20.3/22

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: 124.264+/-0.044 χ^2/NDF : 906540.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

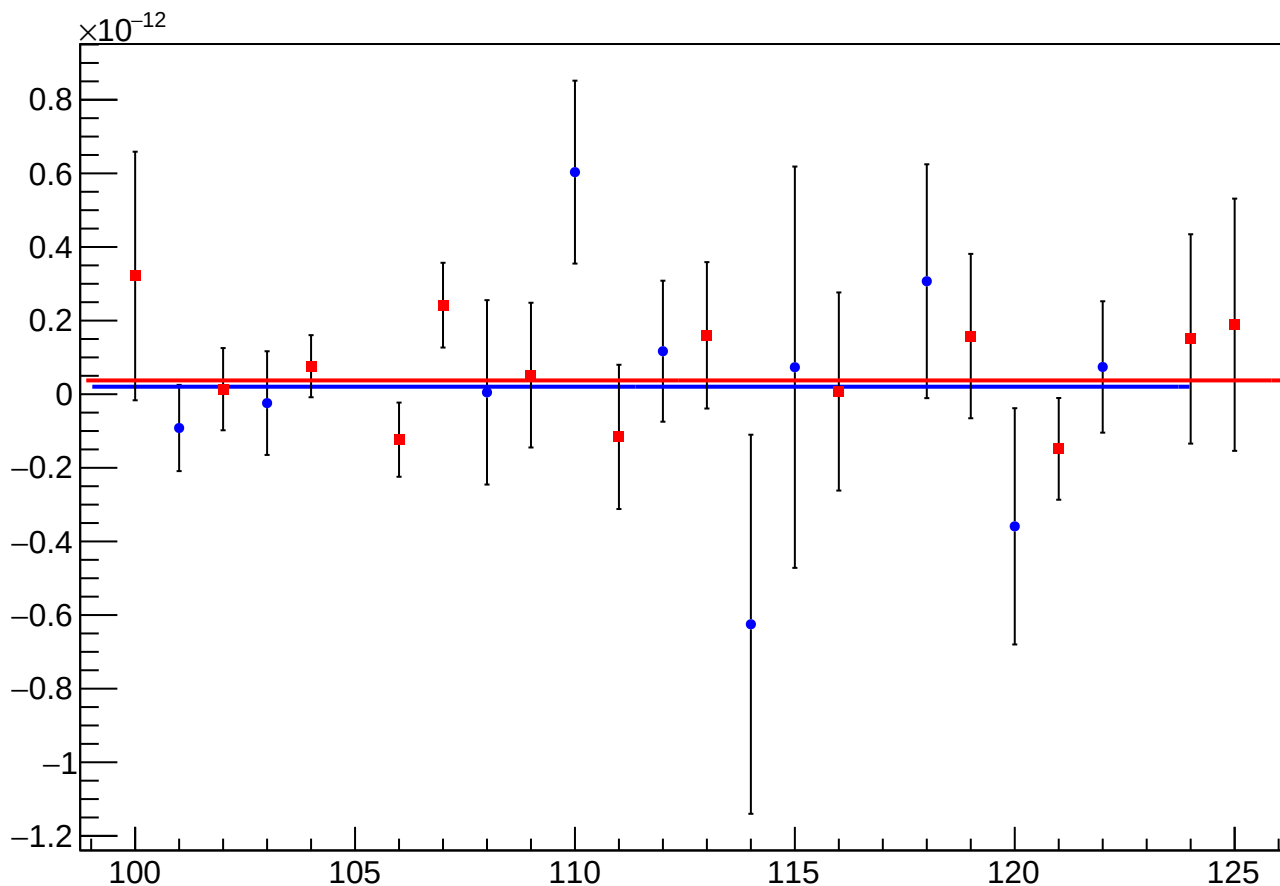
Right: 128.077+/-0.033 χ^2/NDF : 1409539.3/22

In: 132.829+/-0.049 χ^2/NDF : 485942.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.077+/-0.033 χ^2/NDF : 1409539.3/22

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 : 10.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

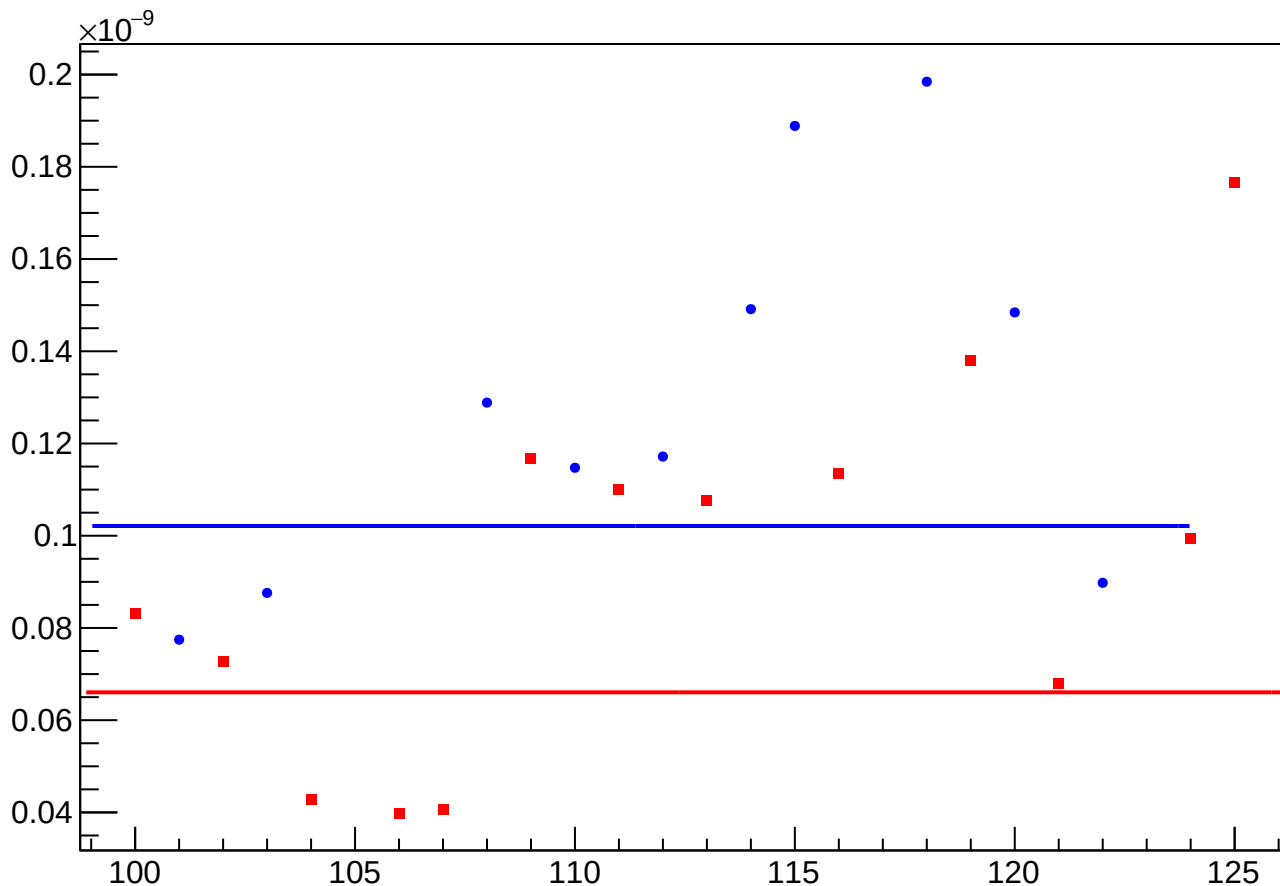
Right: 0.000+/-0.000 χ^2/NDF : 20.8/22

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 : 20.8/22

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 : 1223852.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

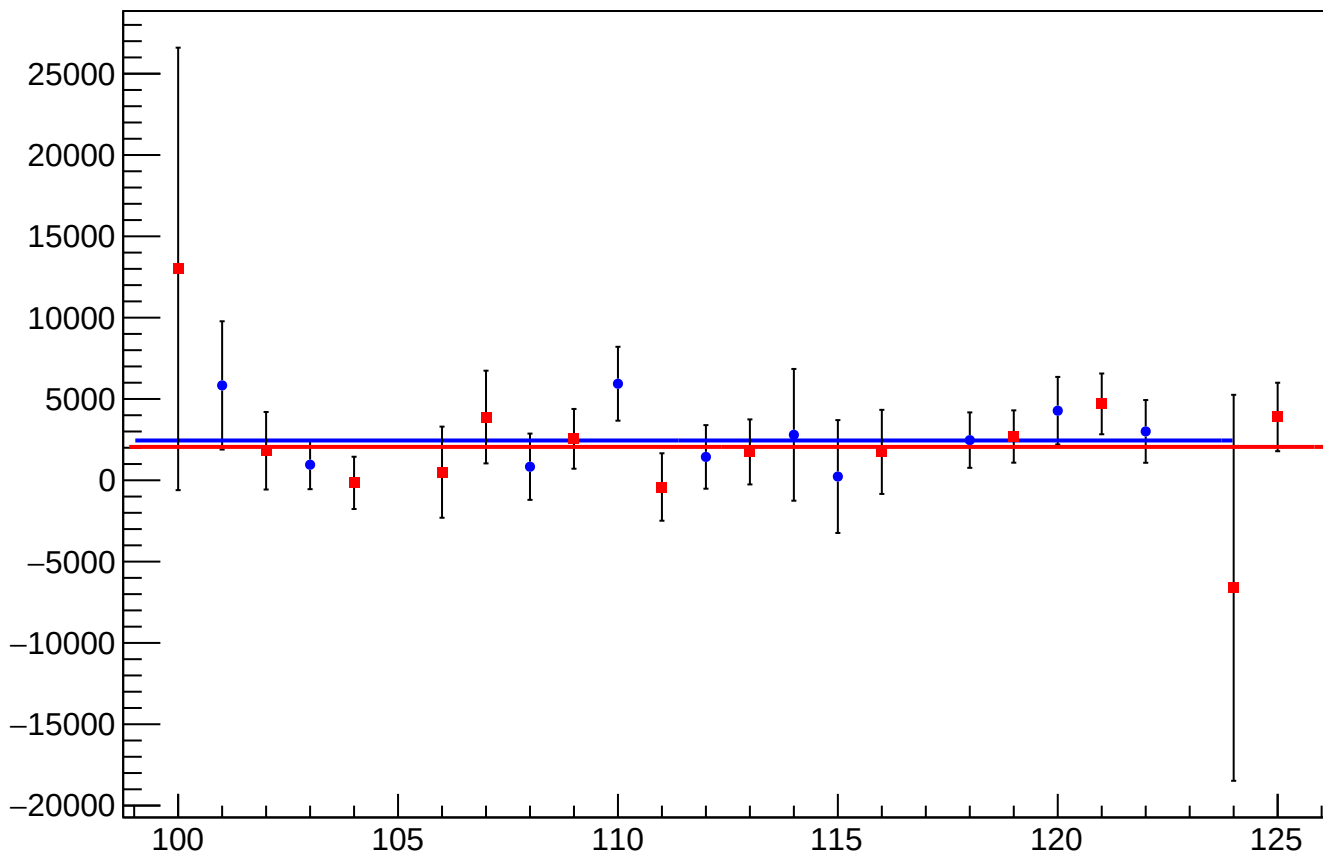
Right: 0.000+/-0.000 χ^2/NDF : 2120858.5/22

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 : 2120858.5/22

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: 2052.094+/-613.917 χ^2/NDF : 8.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

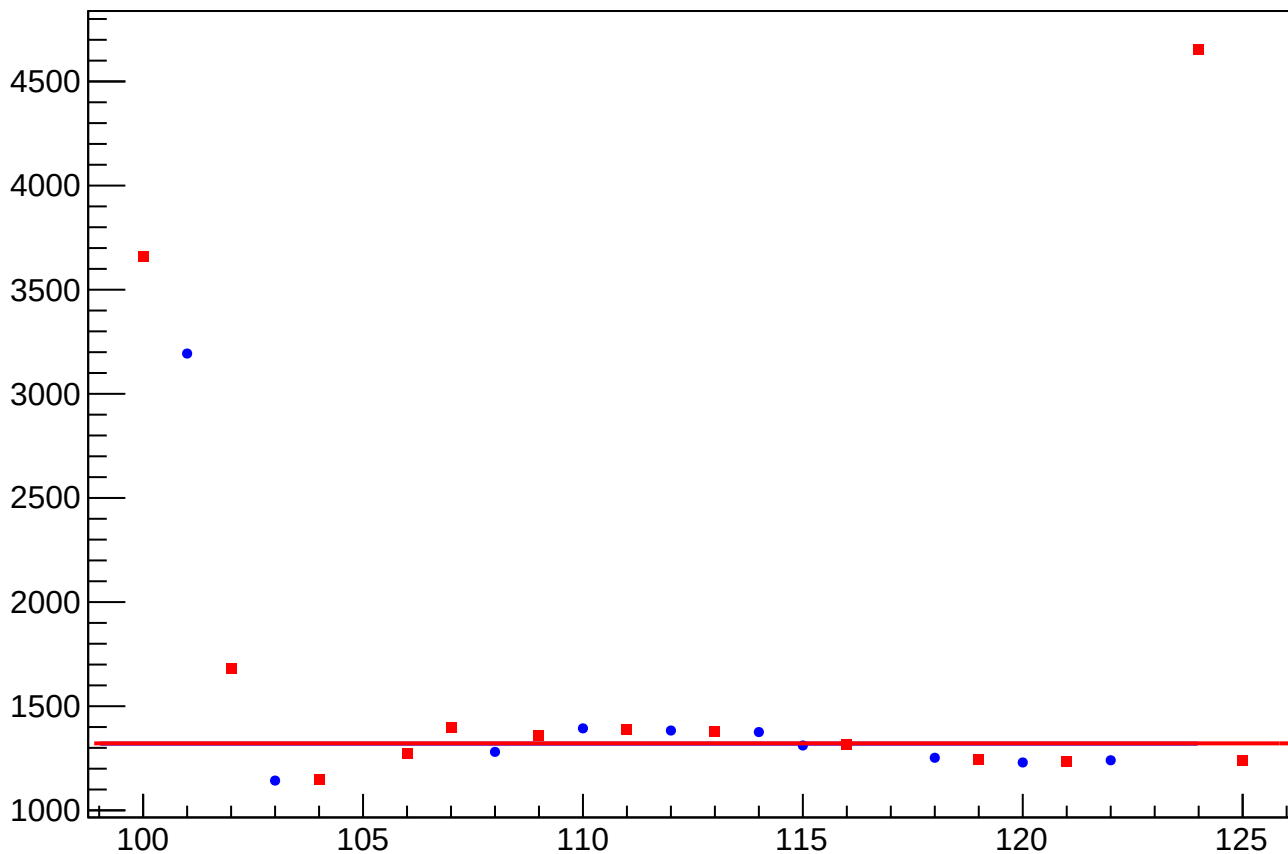
Right: 2231.059+/-454.312 χ^2/NDF : 14.7/22

In: 2447.713+/-675.473 χ^2/NDF : 6.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2231.059+/-454.312 χ^2/NDF : 14.7/22

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: 1321.598+/-0.432 χ^2/NDF : 304061.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

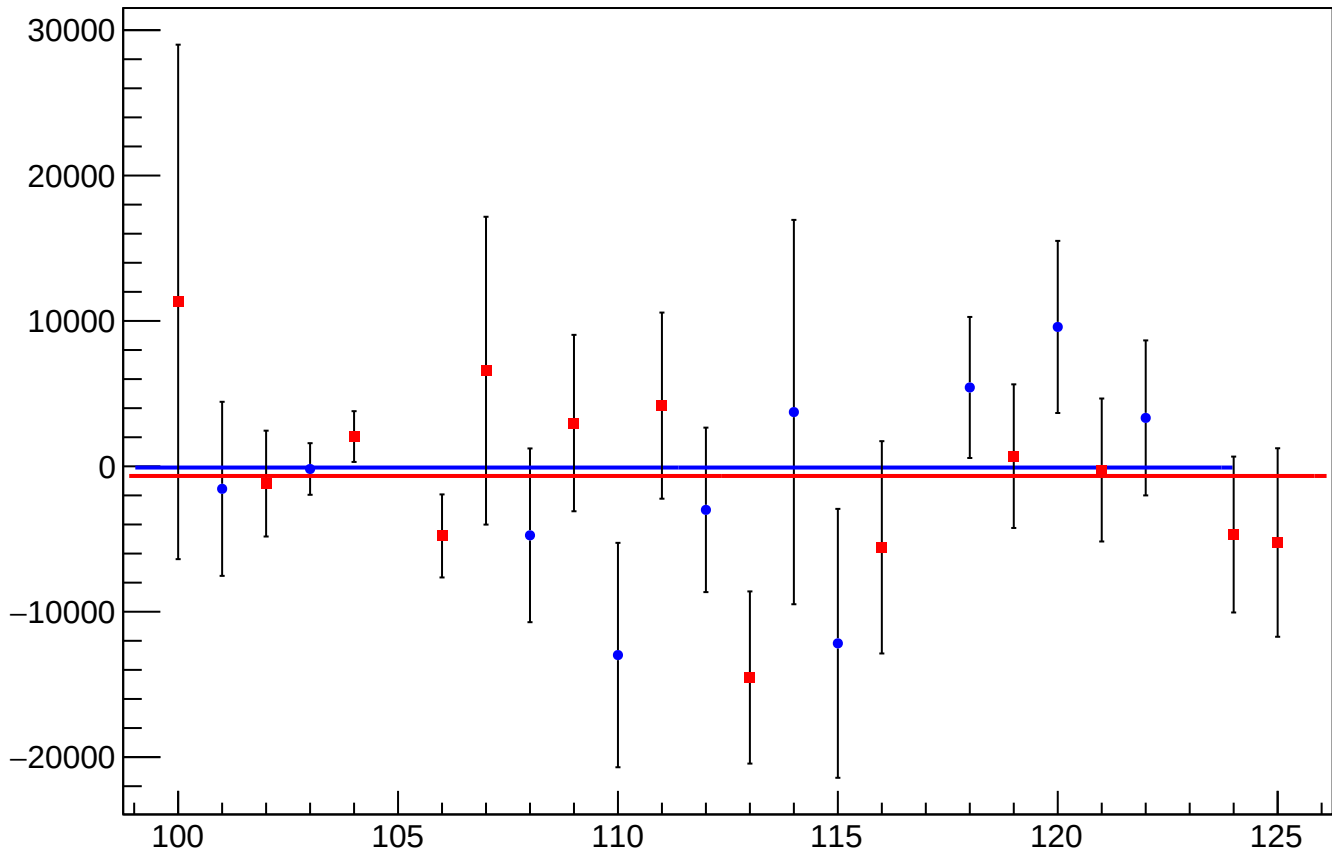
Right: 1321.025+/-0.321 χ^2/NDF : 798890.3/22

In: 1320.324+/-0.478 χ^2/NDF : 494825.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1321.025+/-0.321 χ^2/NDF : 798890.3/22

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: -662.776 ± 1133.745 χ^2/NDF : 13.4/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

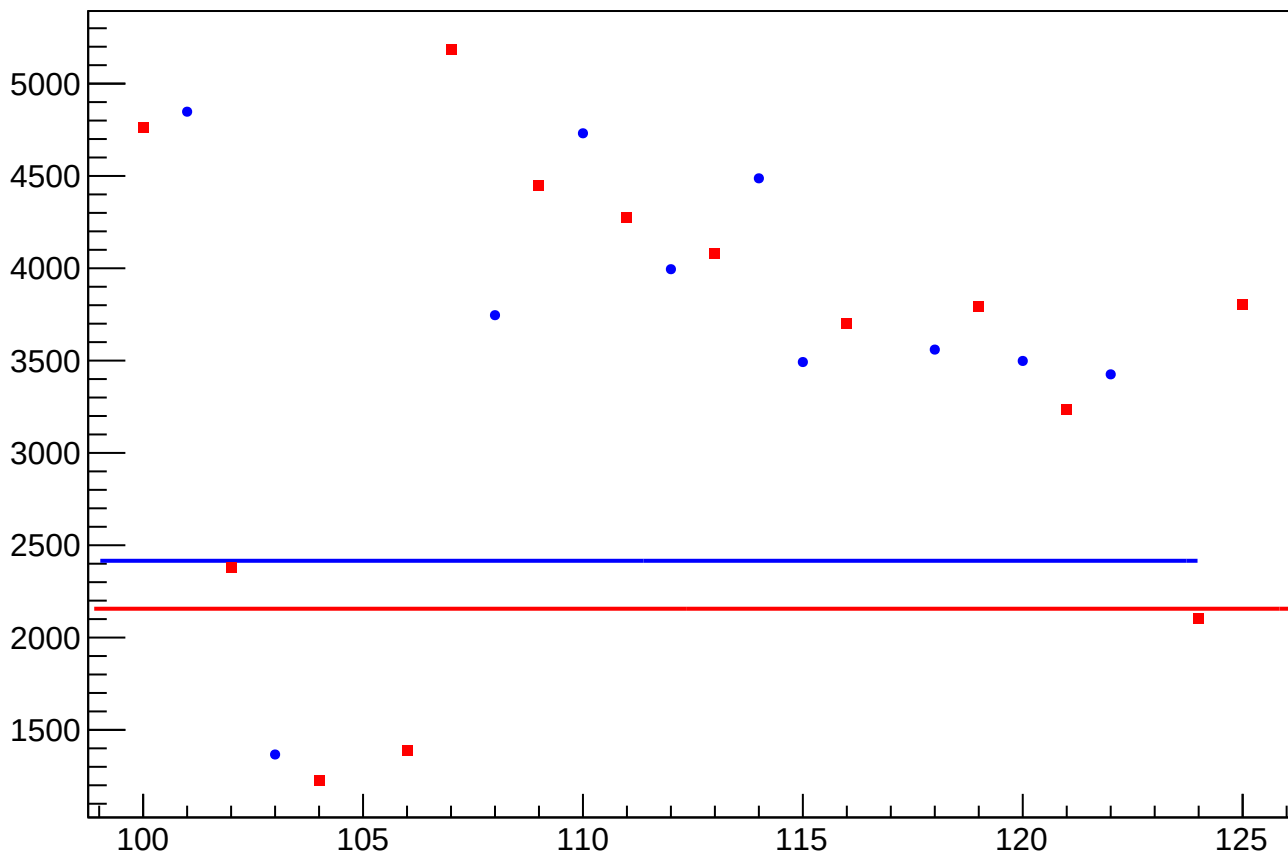
Right: -424.003 ± 869.440 χ^2/NDF : 23.4/22

In: -83.094 ± 1354.696 χ^2/NDF : 9.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -424.003 ± 869.440 χ^2/NDF : 23.4/22

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: 2156.153+/-0.802 χ^2/NDF : 2179175.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

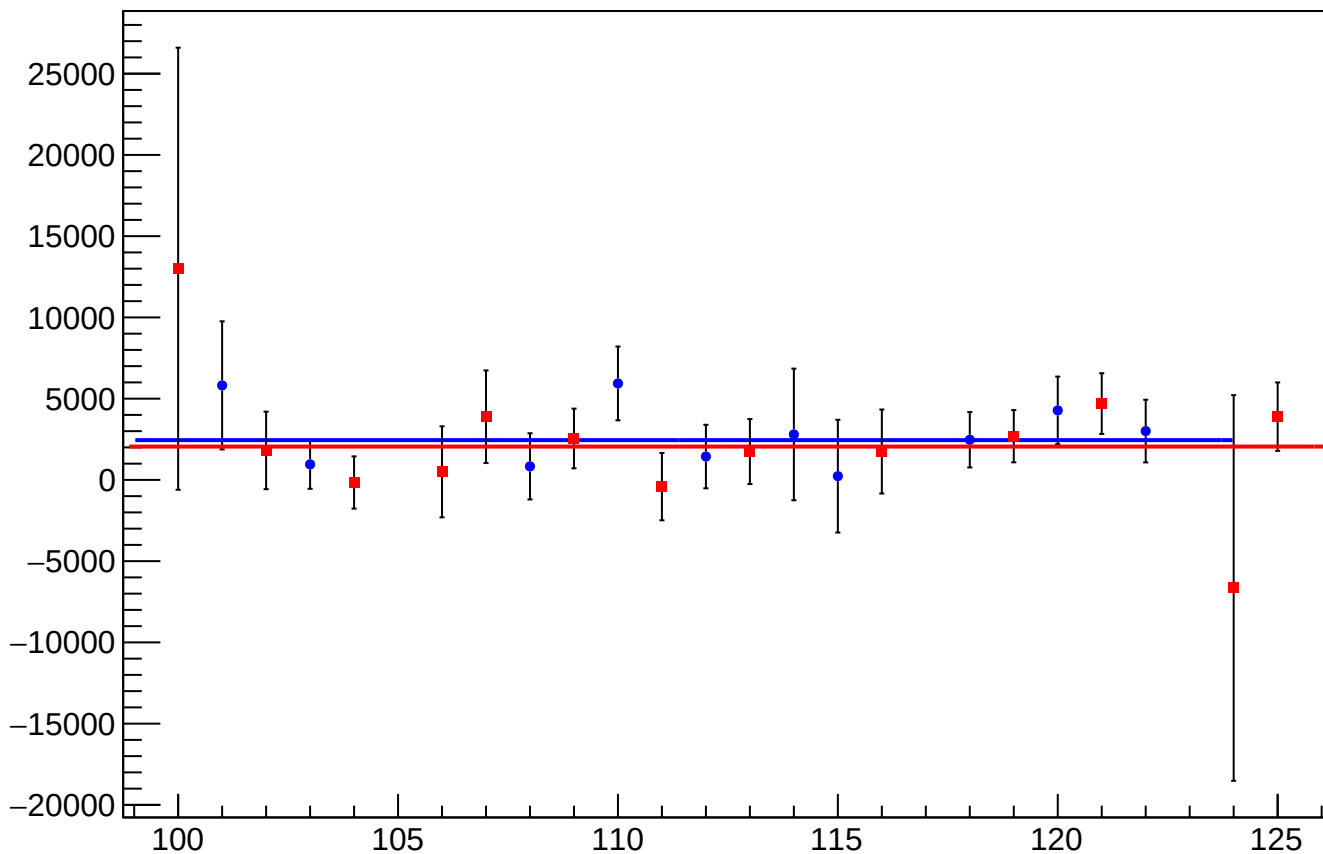
Right: 2263.119+/-0.615 χ^2/NDF : 4012054.6/22

In: 2415.839+/-0.958 χ^2/NDF : 1789658.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2263.119+/-0.615 χ^2/NDF : 4012054.6/22

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: 2051.696+/-613.917 χ^2/NDF : 8.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

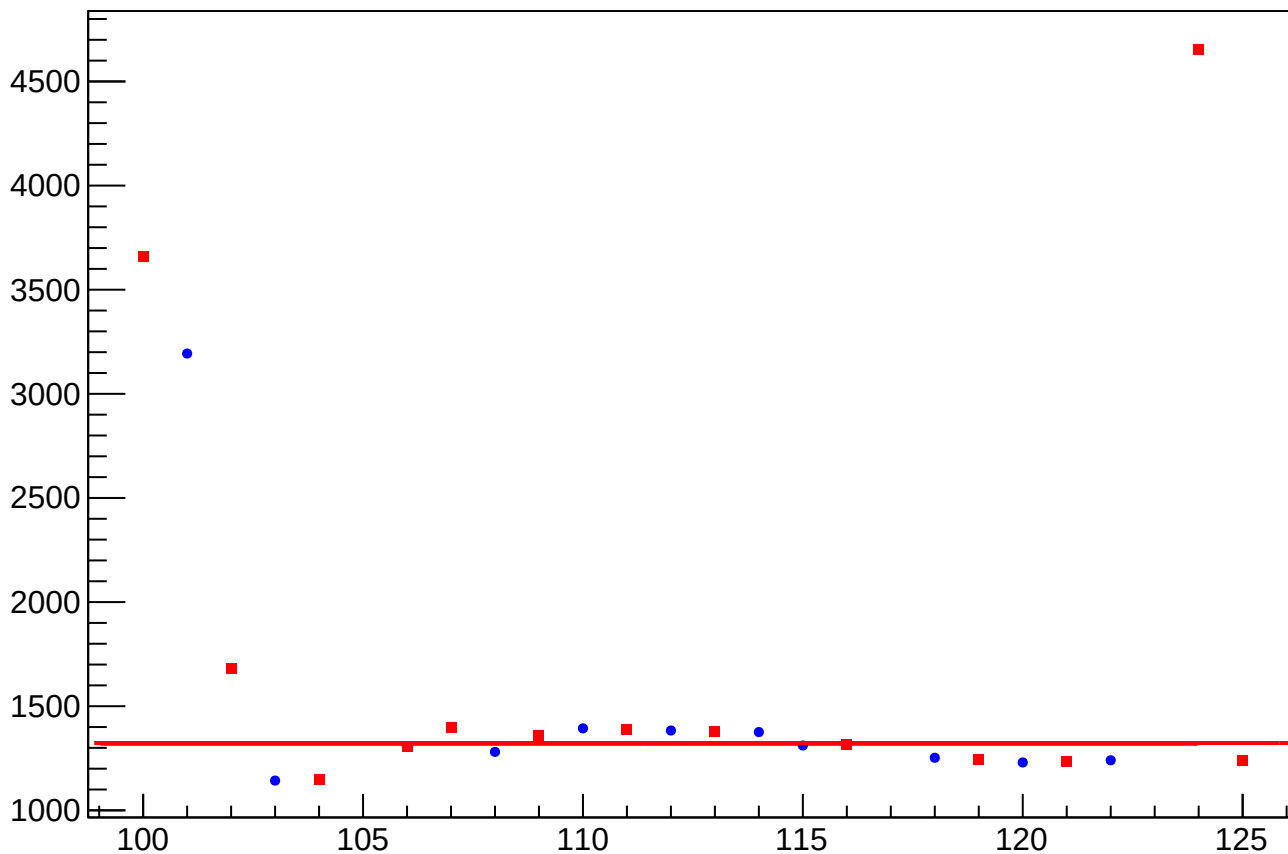
Right: 2230.668+/-454.312 χ^2/NDF : 14.7/22

In: 2447.329+/-675.473 χ^2/NDF : 6.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2230.668+/-454.312 χ^2/NDF : 14.7/22

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: 1323.347+/-0.433 χ^2/NDF : 303458.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

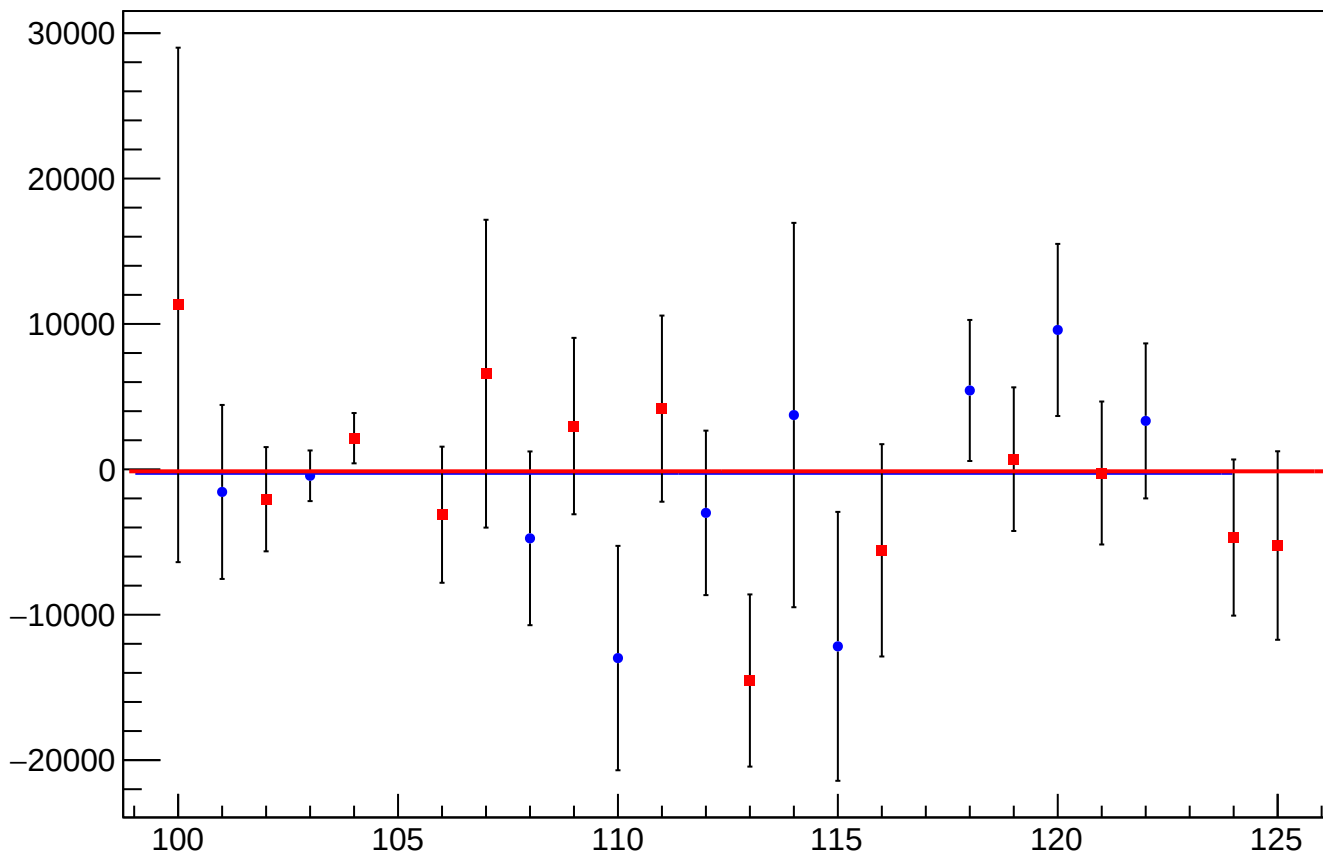
Right: 1321.984+/-0.321 χ^2/NDF : 798306.8/22

In: 1320.324+/-0.478 χ^2/NDF : 494826.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1321.984+/-0.321 χ^2/NDF : 798306.8/22

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: -136.226+/-1187.270 χ^2/NDF : 11.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

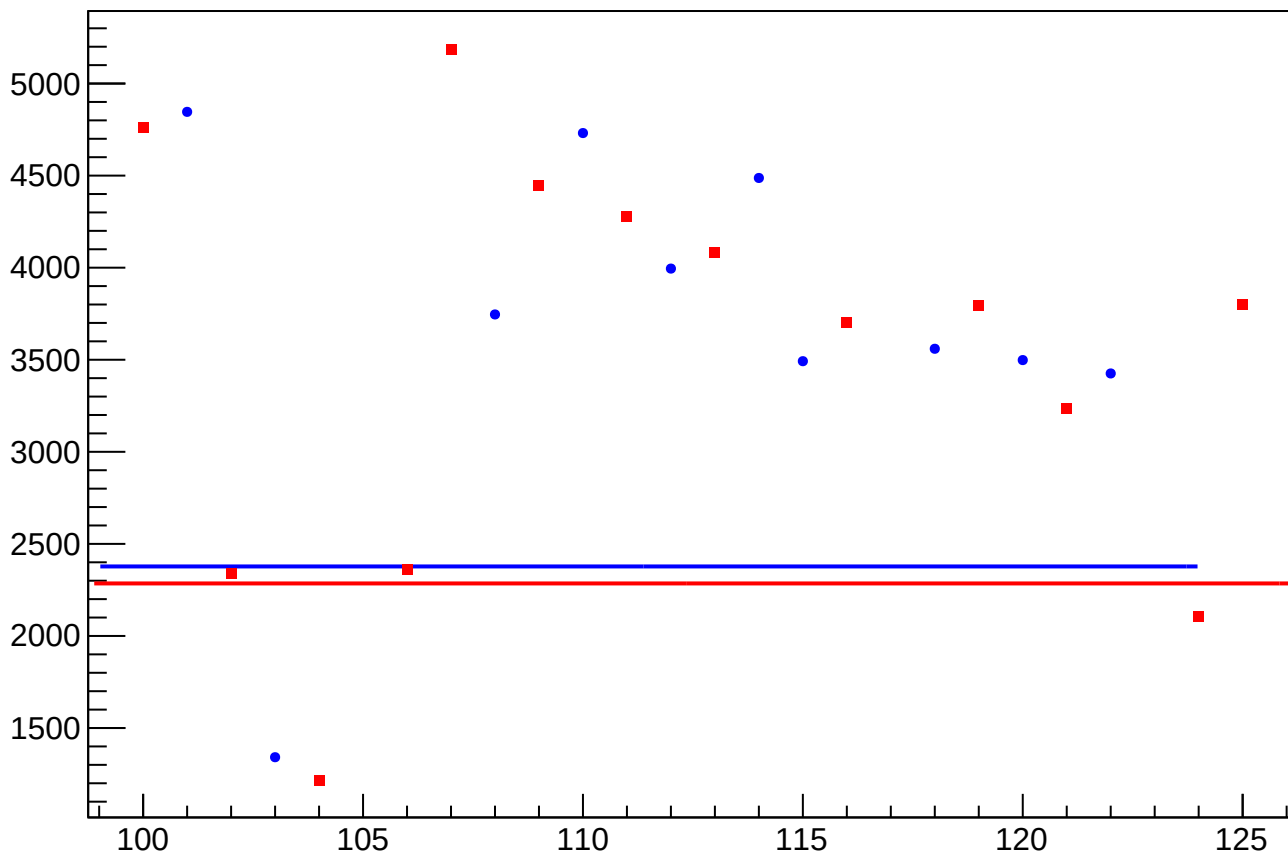
Right: -181.796+/-888.488 χ^2/NDF : 21.7/22

In: -239.798+/-1339.478 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -181.796+/-888.488 χ^2/NDF : 21.7/22

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: 2285.215+/-0.840 χ^2/NDF : 2037015.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

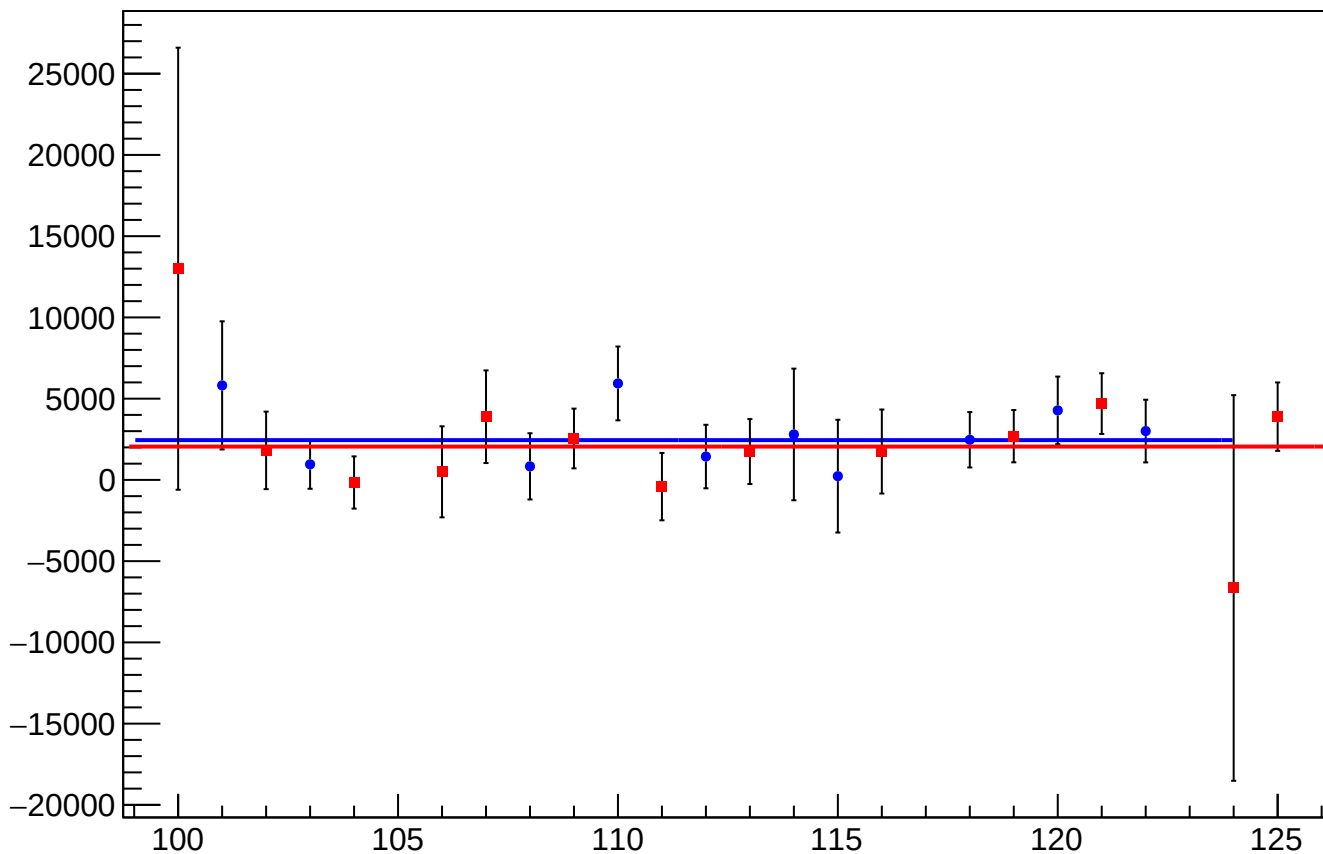
Right: 2325.815+/-0.628 χ^2/NDF : 3892838.2/22

In: 2377.492+/-0.947 χ^2/NDF : 1850507.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2325.815+/-0.628 χ^2/NDF : 3892838.2/22

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: 2051.696+/-613.917 χ^2/NDF : 8.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

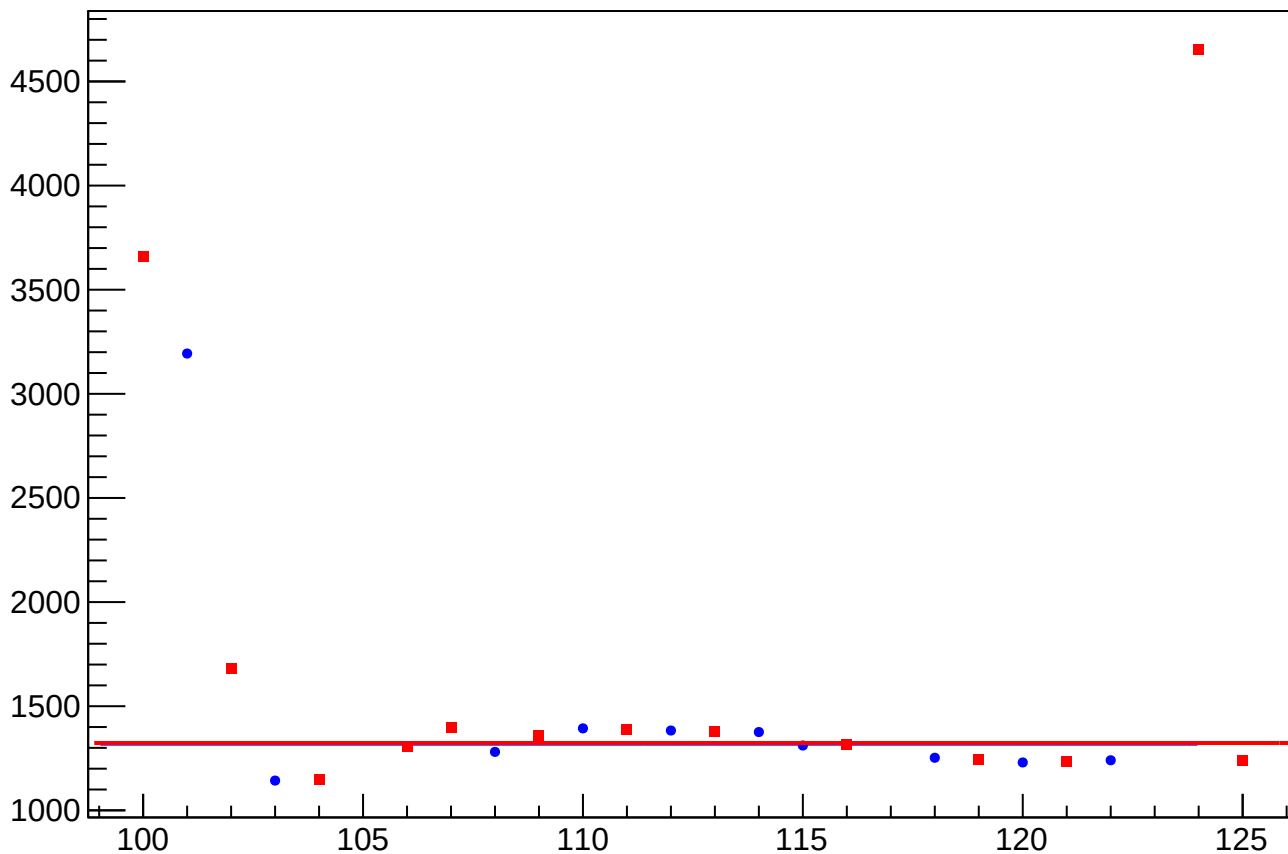
Right: 2230.668+/-454.312 χ^2/NDF : 14.7/22

In: 2447.329+/-675.473 χ^2/NDF : 6.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2230.668+/-454.312 χ^2/NDF : 14.7/22

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: 1323.347+/-0.433 χ^2/NDF : 303458.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

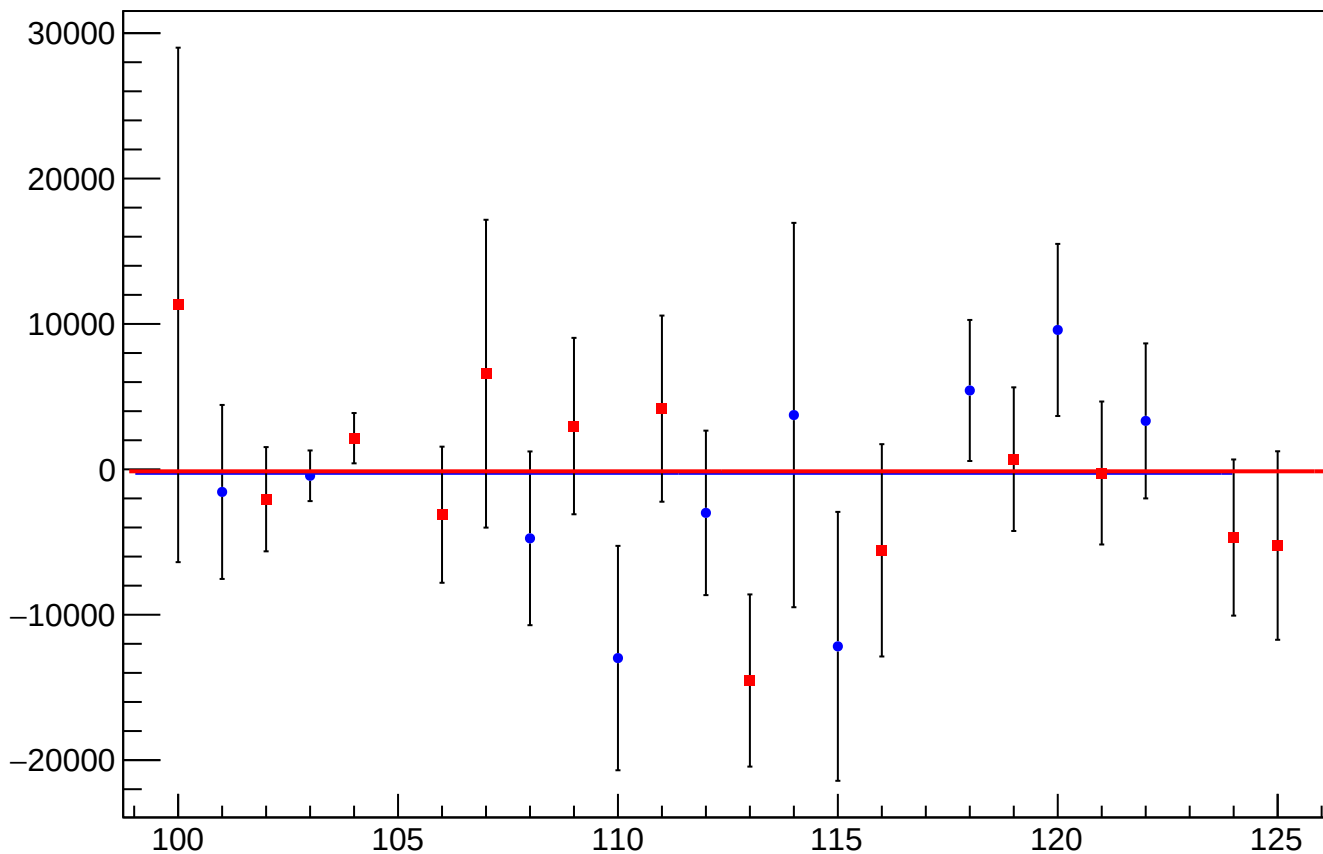
Right: 1321.984+/-0.321 χ^2/NDF : 798306.8/22

In: 1320.324+/-0.478 χ^2/NDF : 494826.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1321.984+/-0.321 χ^2/NDF : 798306.8/22

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: -136.226+/-1187.270 χ^2/NDF : 11.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

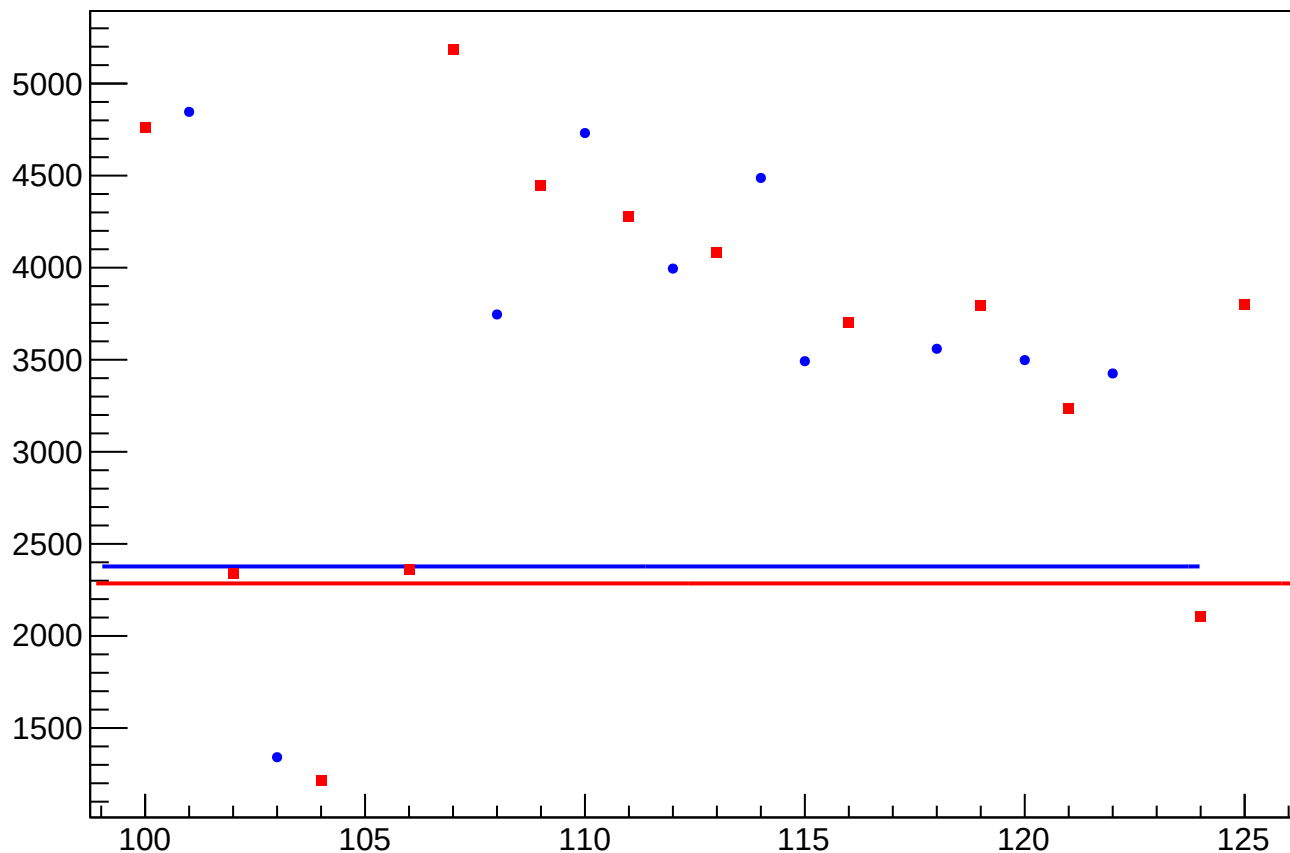
Right: -181.796+/-888.488 χ^2/NDF : 21.7/22

In: -239.798+/-1339.478 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -181.796+/-888.488 χ^2/NDF : 21.7/22

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: 2285.215+/-0.840 χ^2/NDF : 2037015.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

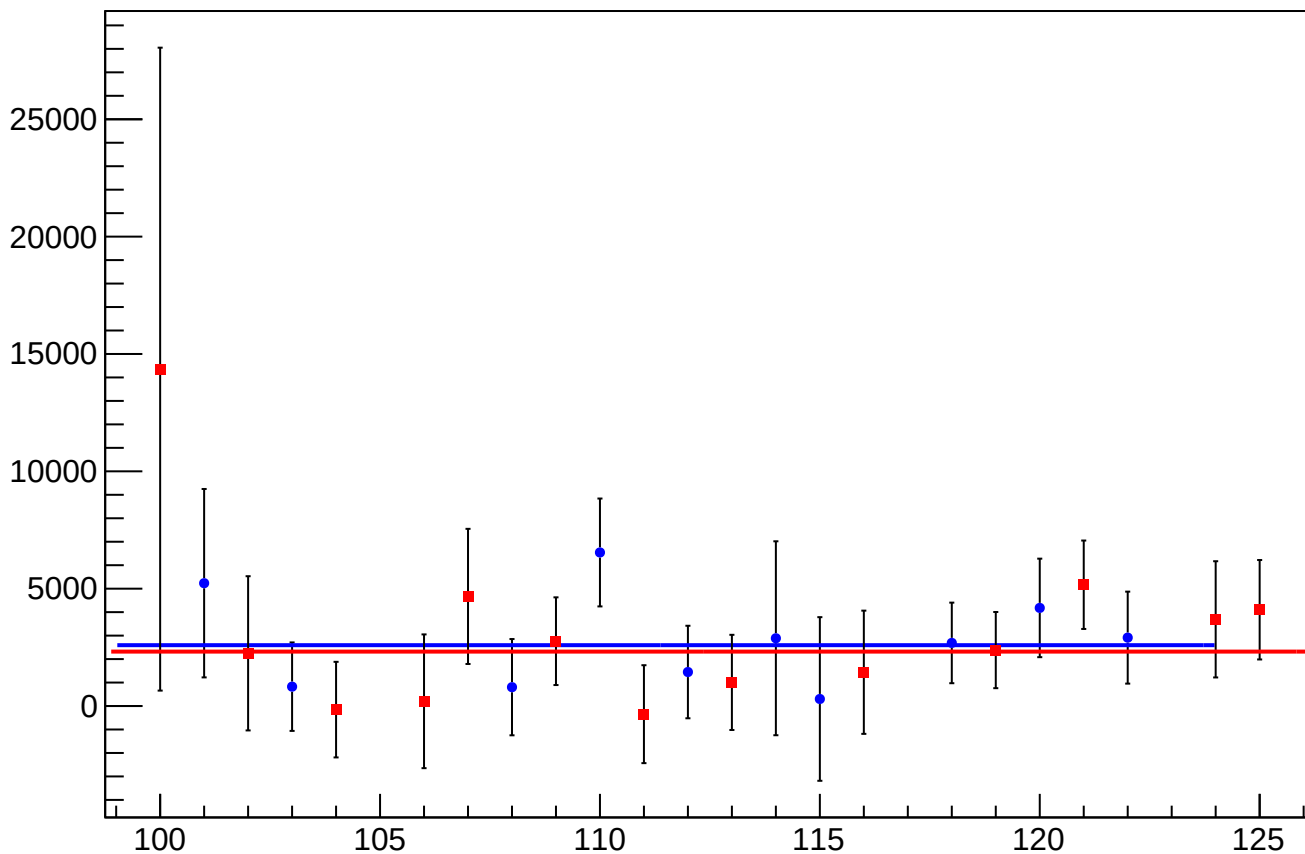
Right: 2325.815+/-0.628 χ^2/NDF : 3892838.2/22

In: 2377.492+/-0.947 χ^2/NDF : 1850507.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2325.815+/-0.628 χ^2/NDF : 3892838.2/22

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: 2319.126 $\pm$ 628.082 χ^2 /NDF: 9.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

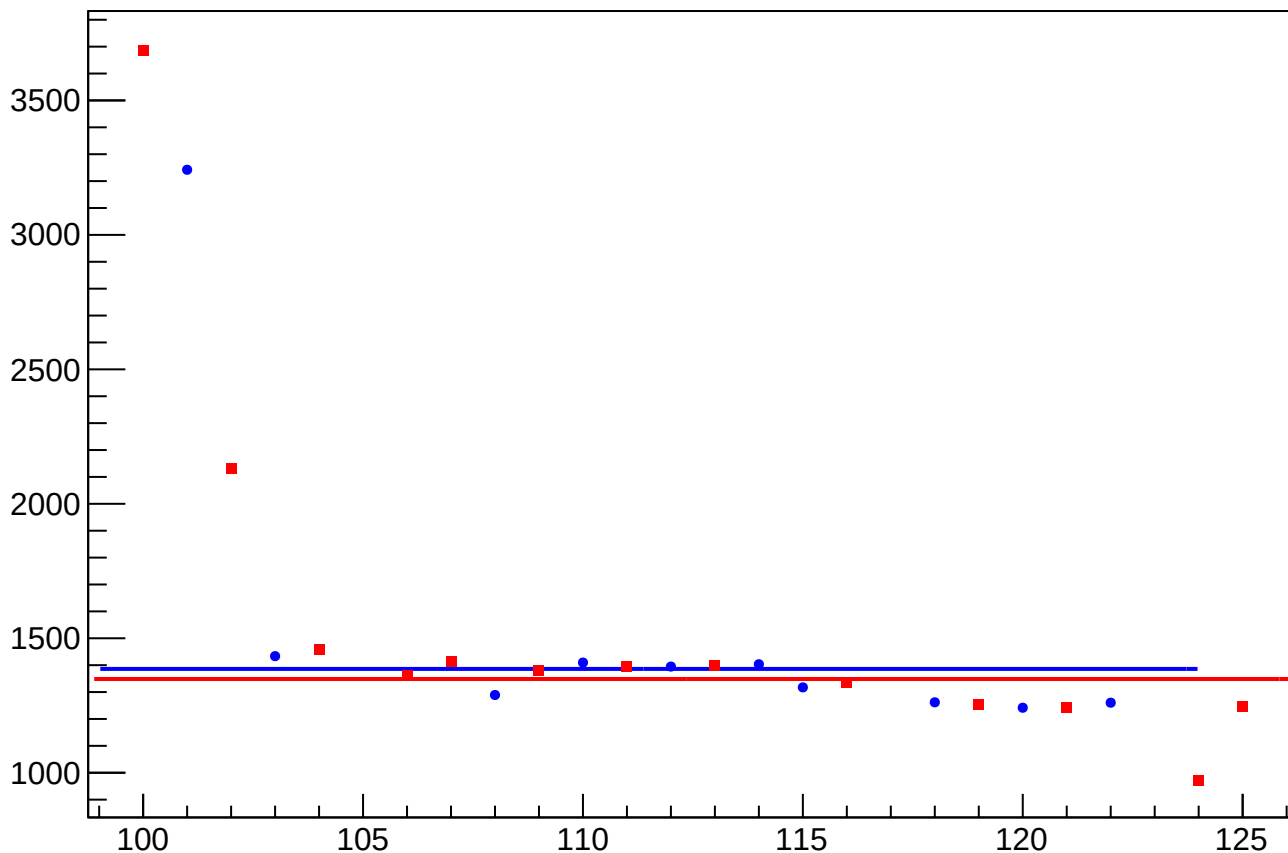
Right: 2439.545 $\pm$ 469.810 χ^2 /NDF: 15.5/22

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: 2439.545 $\pm$ 469.810 χ^2 /NDF: 15.5/22

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: 1348.575+/-0.444 χ^2/NDF : 245680.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

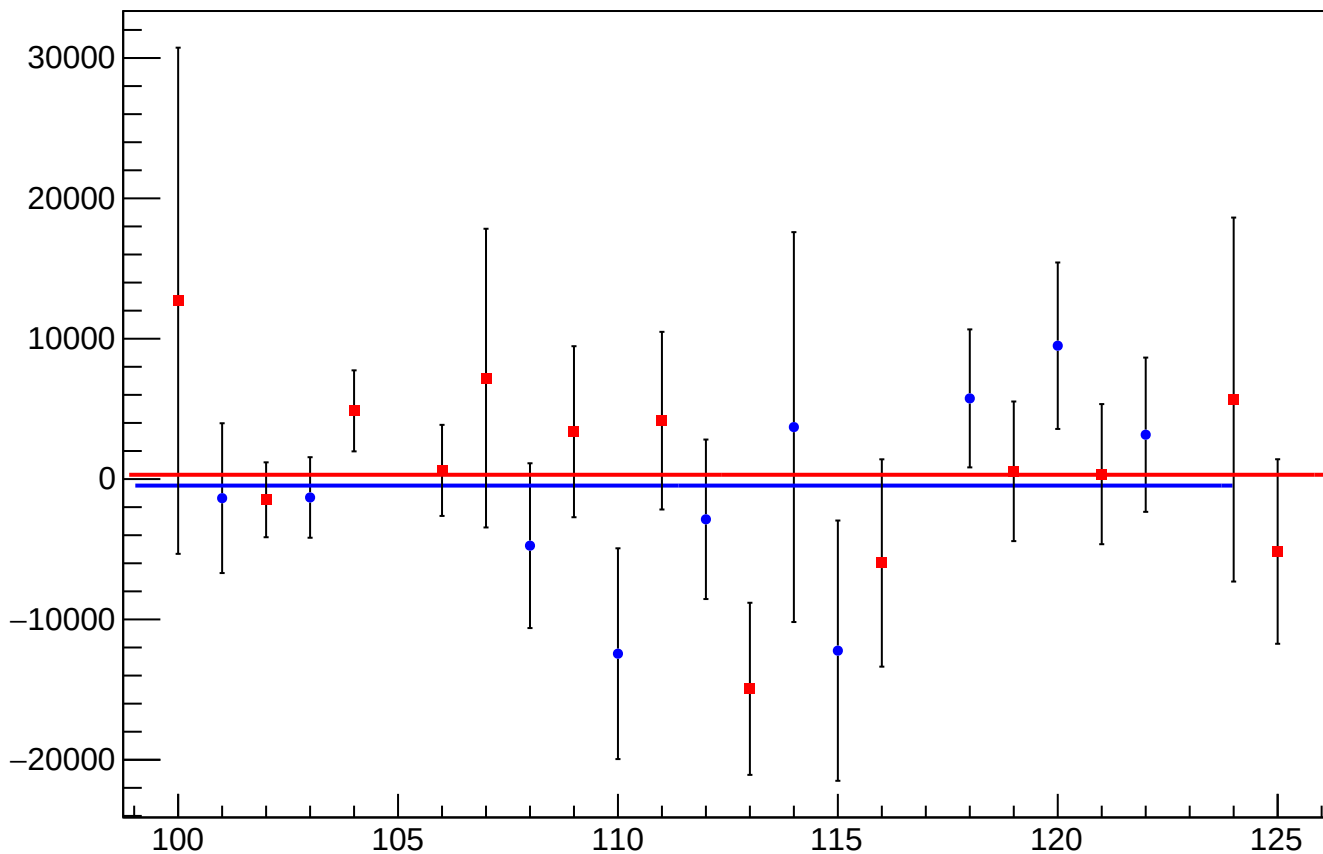
Right: 1365.073+/-0.332 χ^2/NDF : 711430.1/22

In: 1386.071+/-0.501 χ^2/NDF : 462607.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1365.073+/-0.332 χ^2/NDF : 711430.1/22

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: 306.575+/-1320.041 χ^2/NDF : 12.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

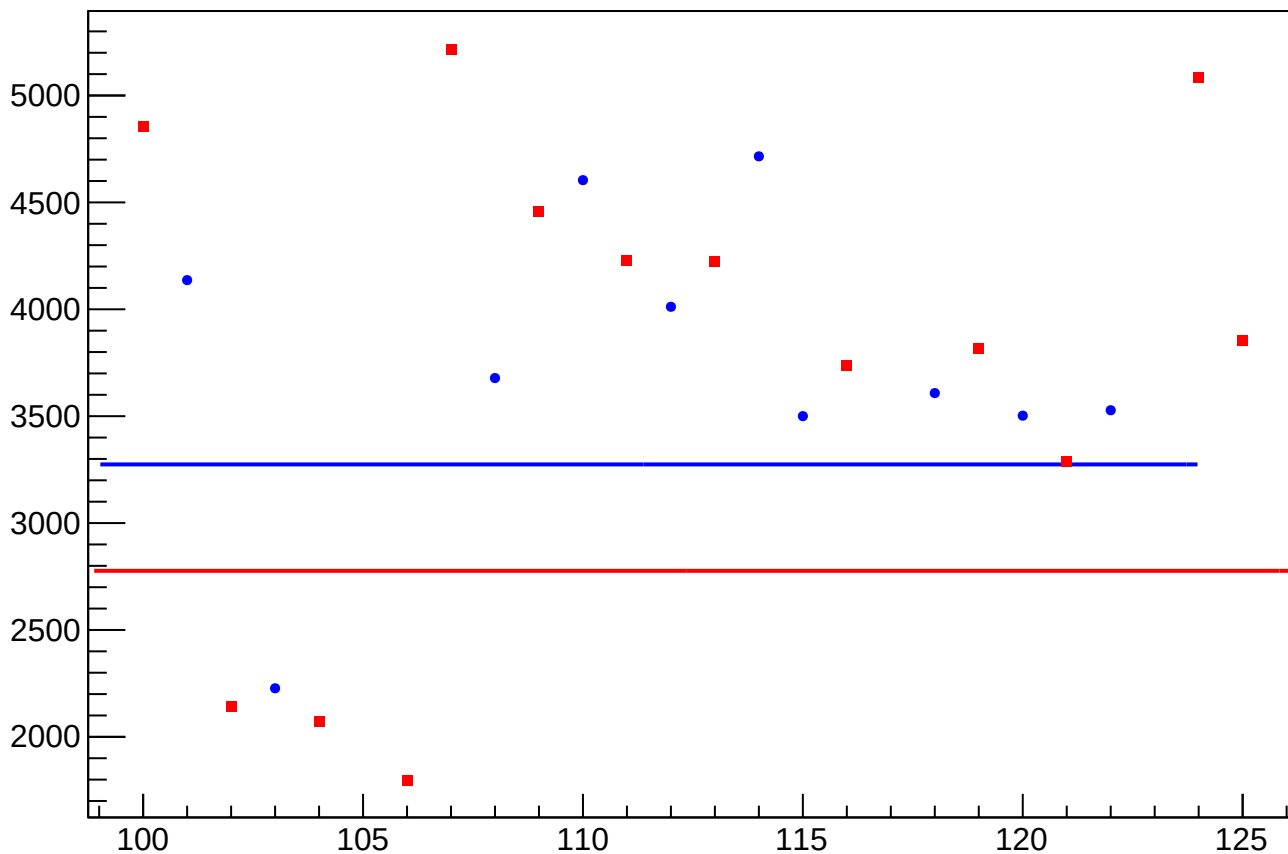
Right: 12.616+/-1038.109 χ^2/NDF : 22.3/22

In: -463.877+/-1680.632 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.616+/-1038.109 χ^2/NDF : 22.3/22

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: 2776.637+/-0.933 χ^2/NDF : 1173932.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

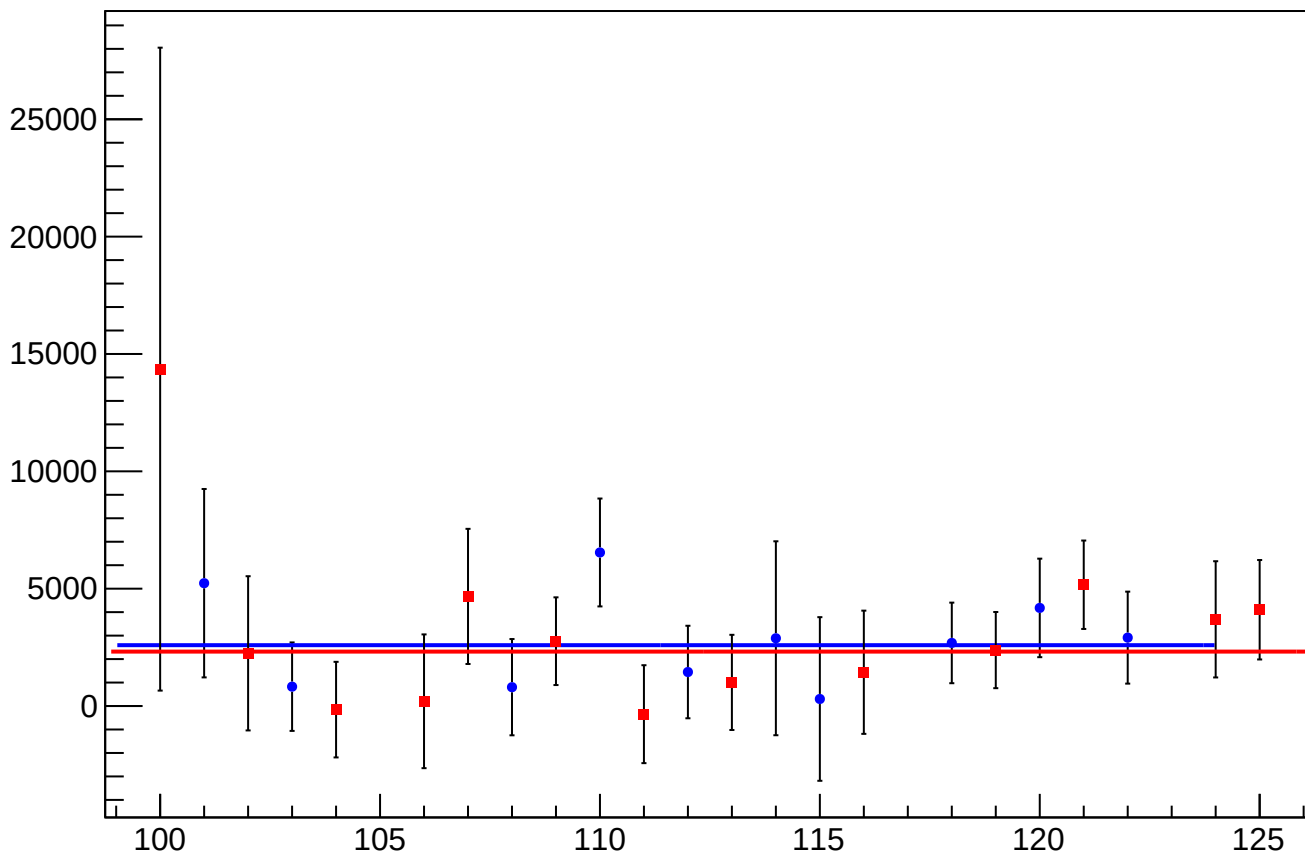
Right: 2966.534+/-0.734 χ^2/NDF : 1746034.0/22

In: 3274.350+/-1.188 χ^2/NDF : 463621.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2966.534+/-0.734 χ^2/NDF : 1746034.0/22

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: 2319.134+/-628.082 χ^2/NDF : 9.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

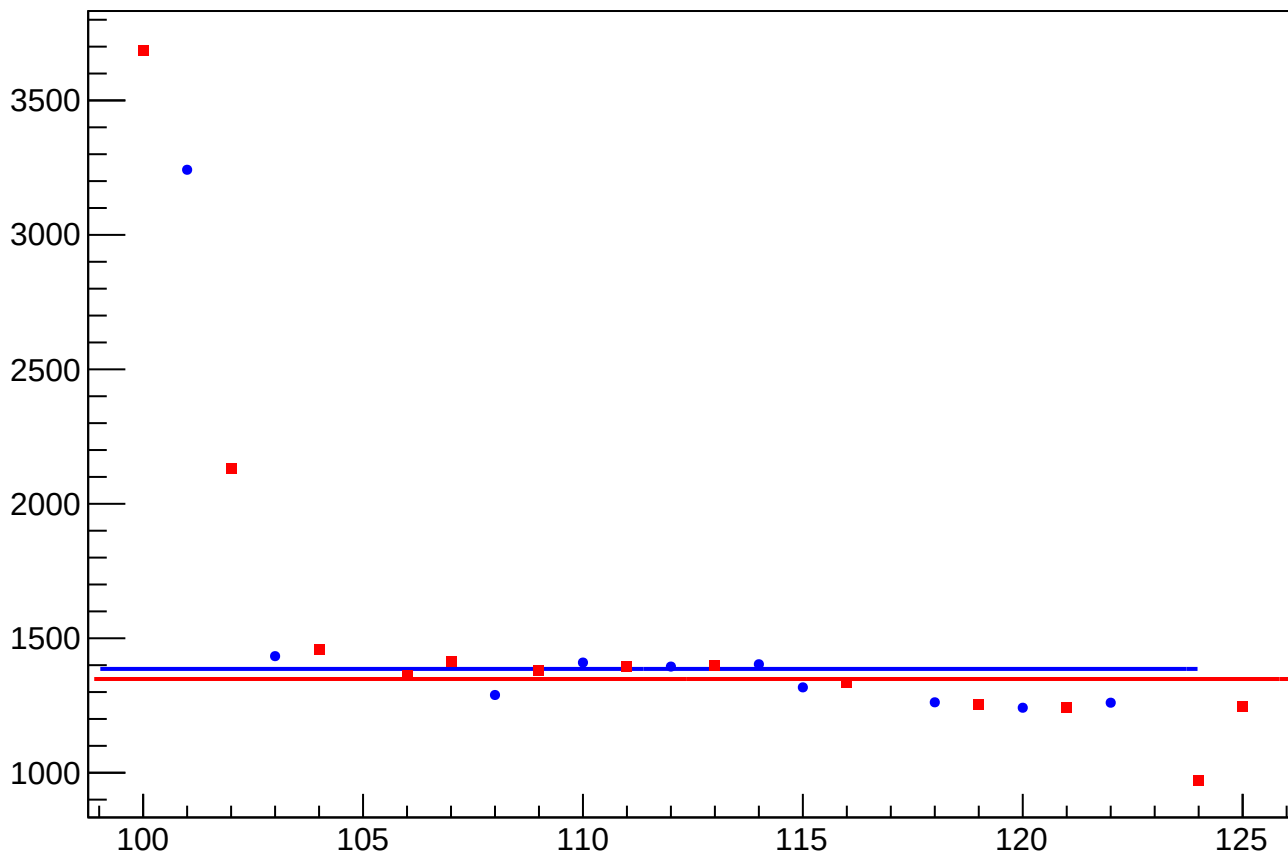
Right: 2439.546+/-469.809 χ^2/NDF : 15.5/22

In: 2592.496+/-707.874 χ^2/NDF : 6.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2439.546+/-469.809 χ^2/NDF : 15.5/22

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: 1348.574+/-0.444 χ^2/NDF : 245679.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

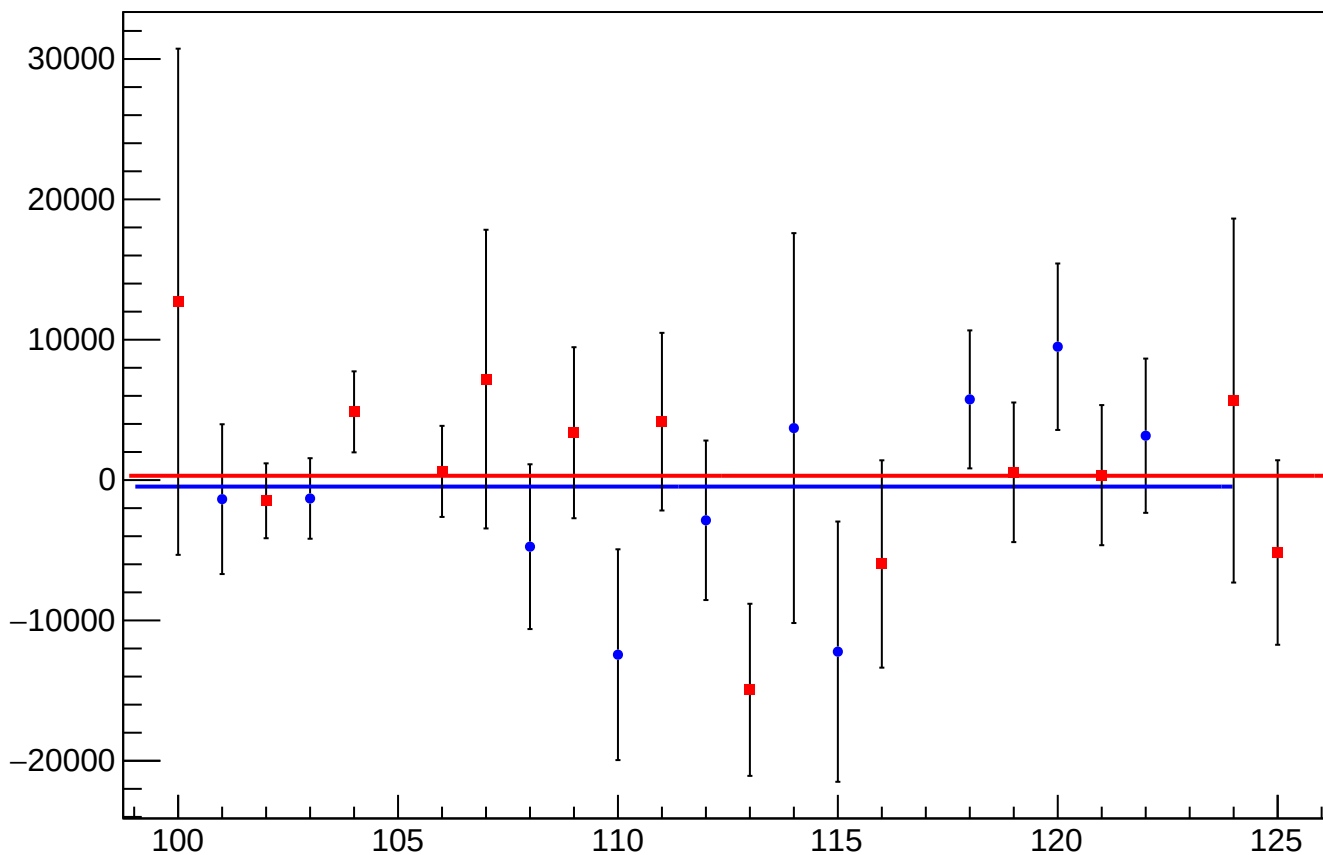
Right: 1365.073+/-0.332 χ^2/NDF : 711429.4/22

In: 1386.070+/-0.501 χ^2/NDF : 462607.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1365.073+/-0.332 χ^2/NDF : 711429.4/22

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: 306.576+/-1320.037 χ^2/NDF : 12.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

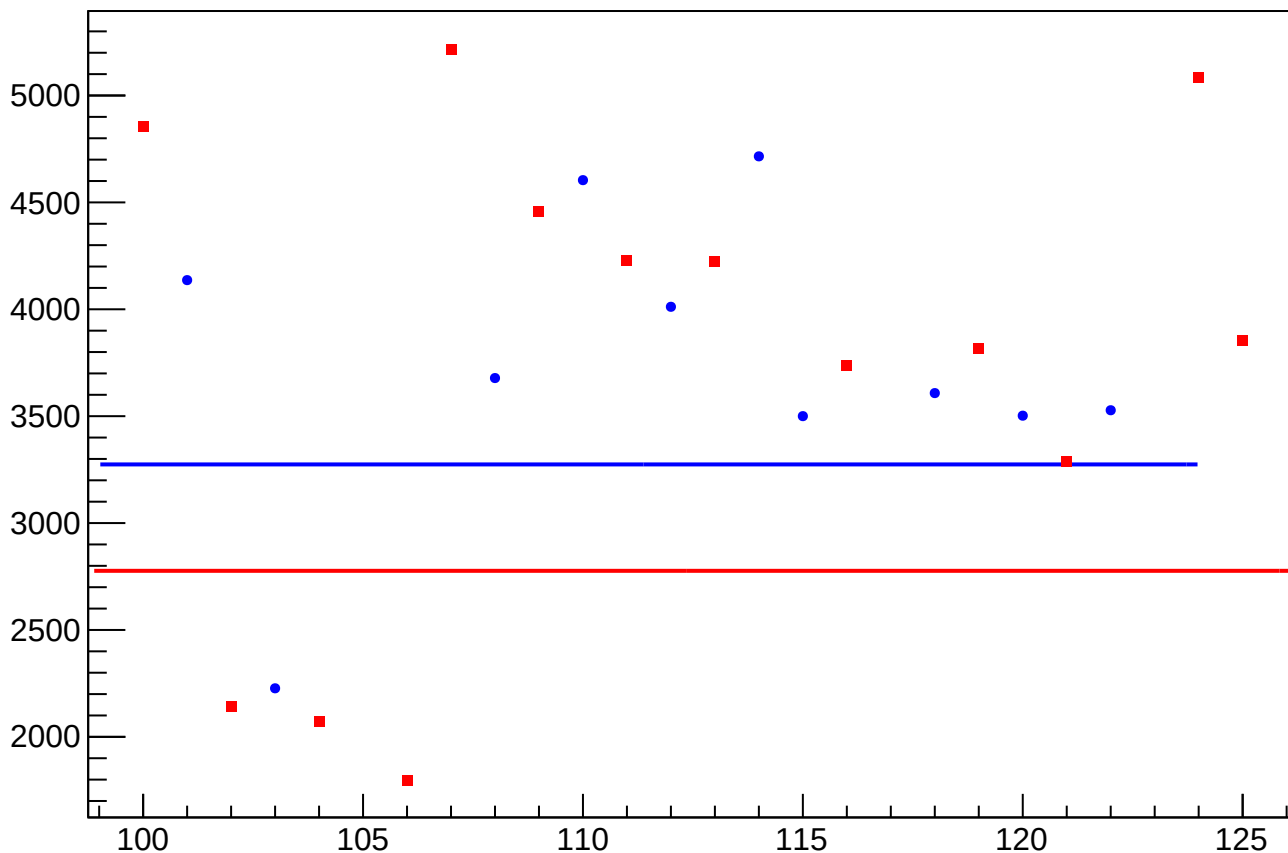
Right: 12.619+/-1038.106 χ^2/NDF : 22.3/22

In: -463.871+/-1680.628 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.619+/-1038.106 χ^2/NDF : 22.3/22

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: 2776.629+/-0.933 χ^2/NDF : 1173932.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

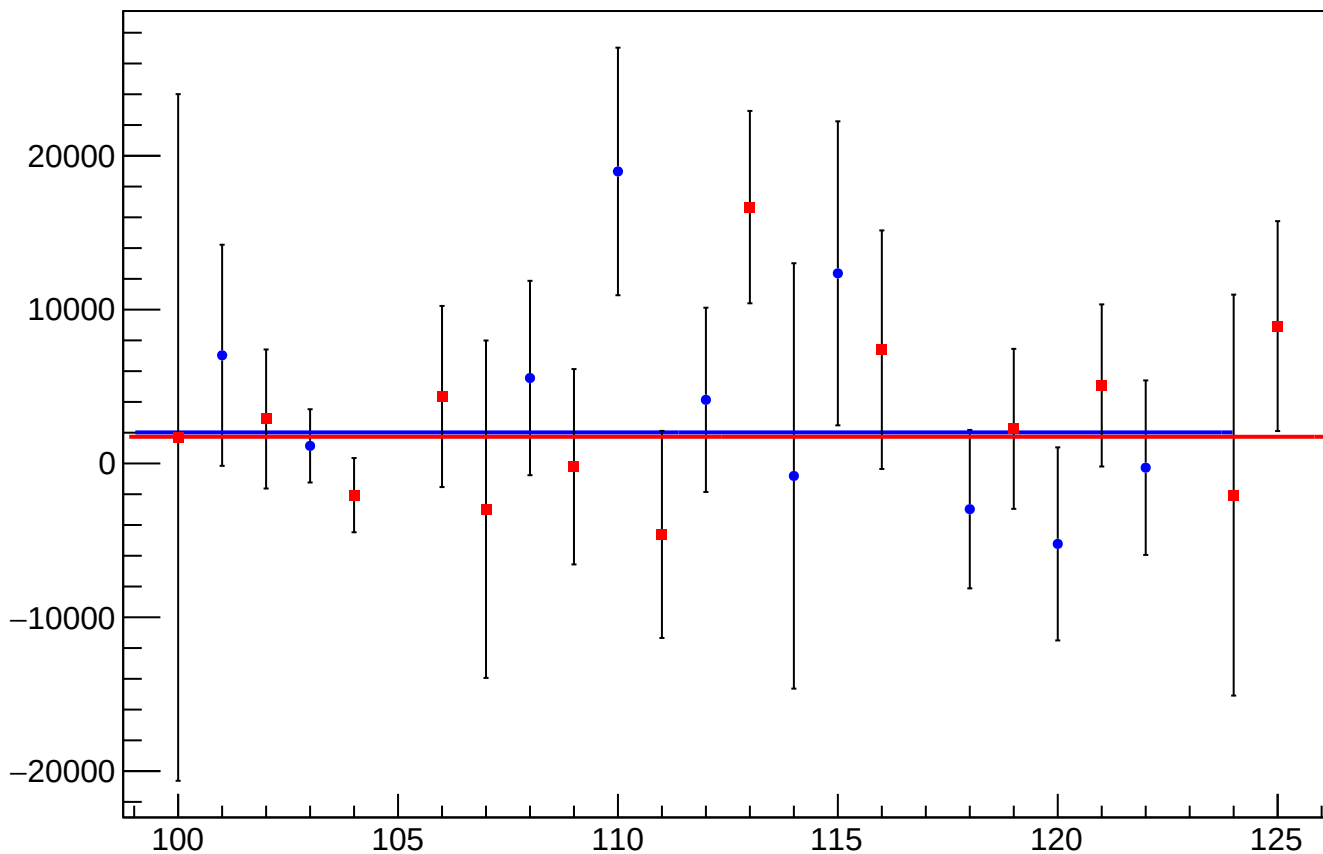
Right: 2966.526+/-0.734 χ^2/NDF : 1746033.7/22

In: 3274.341+/-1.188 χ^2/NDF : 463619.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2966.526+/-0.734 χ^2/NDF : 1746033.7/22

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: 1734.212+/-1491.789 χ^2/NDF : 11.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

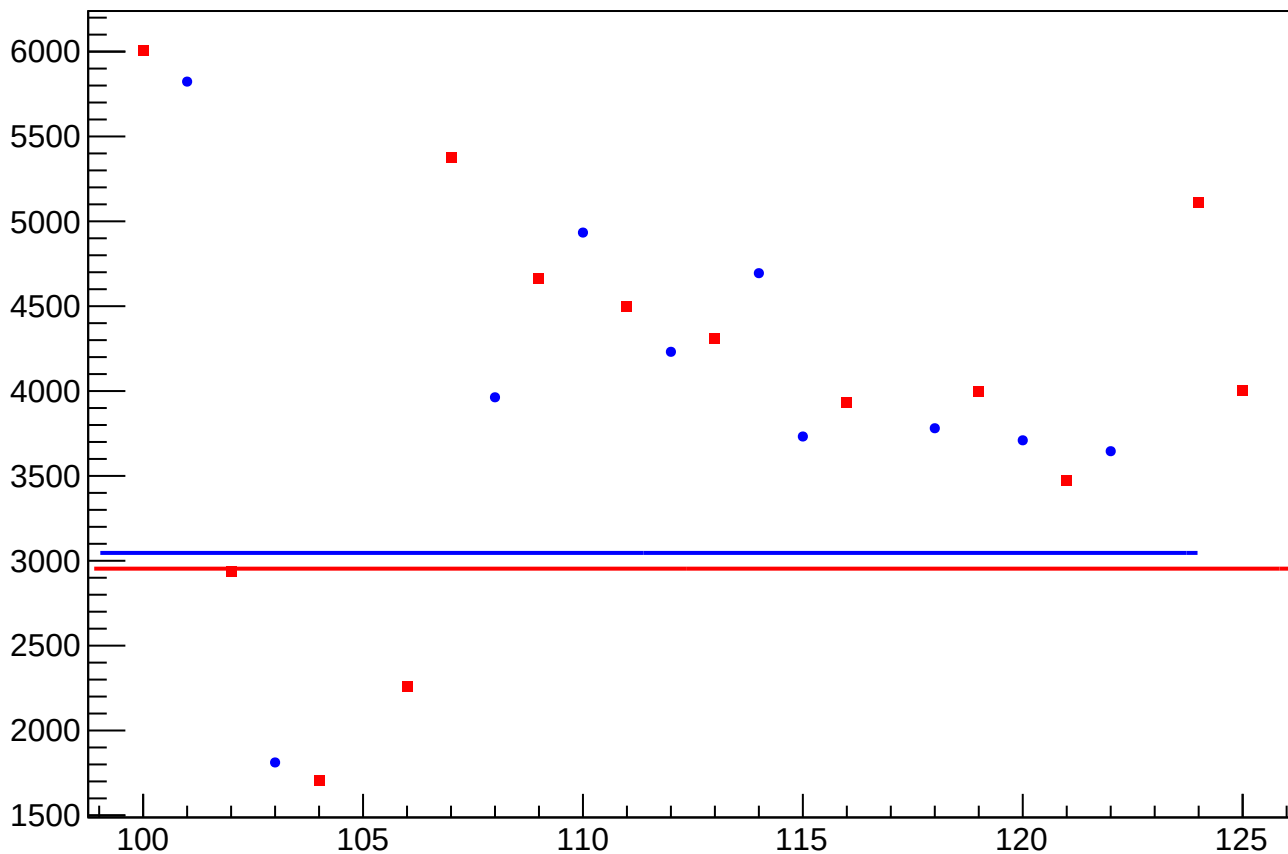
Right: 1863.269+/-1102.228 χ^2/NDF : 20.8/22

In: 2018.428+/-1635.706 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1863.269+/-1102.228 χ^2/NDF : 20.8/22

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: 2953.602+/-1.037 χ^2/NDF : 1291414.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

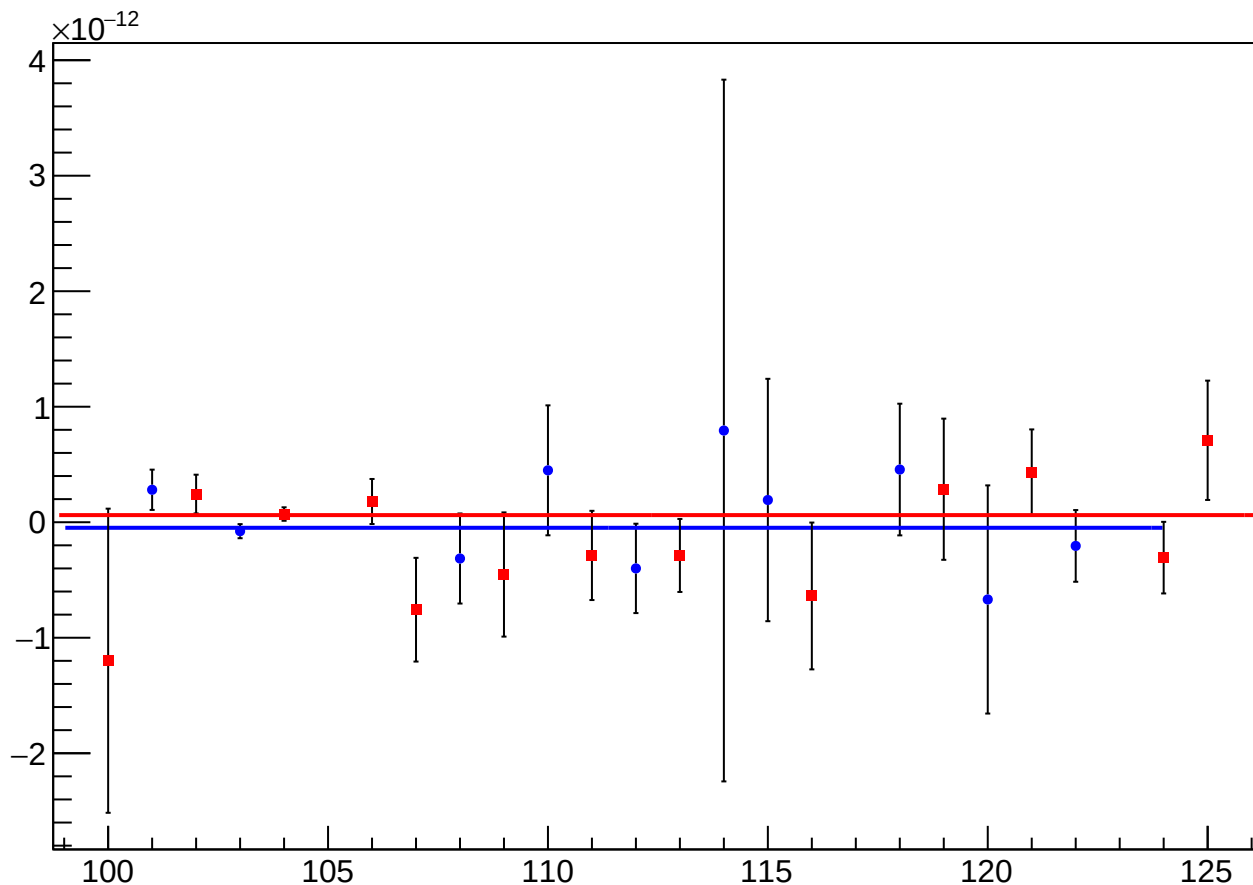
Right: 2994.939+/-0.772 χ^2/NDF : 2485118.6/22

In: 3046.362+/-1.157 χ^2/NDF : 1190138.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2994.939+/-0.772 χ^2/NDF : 2485118.6/22

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 : 14.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

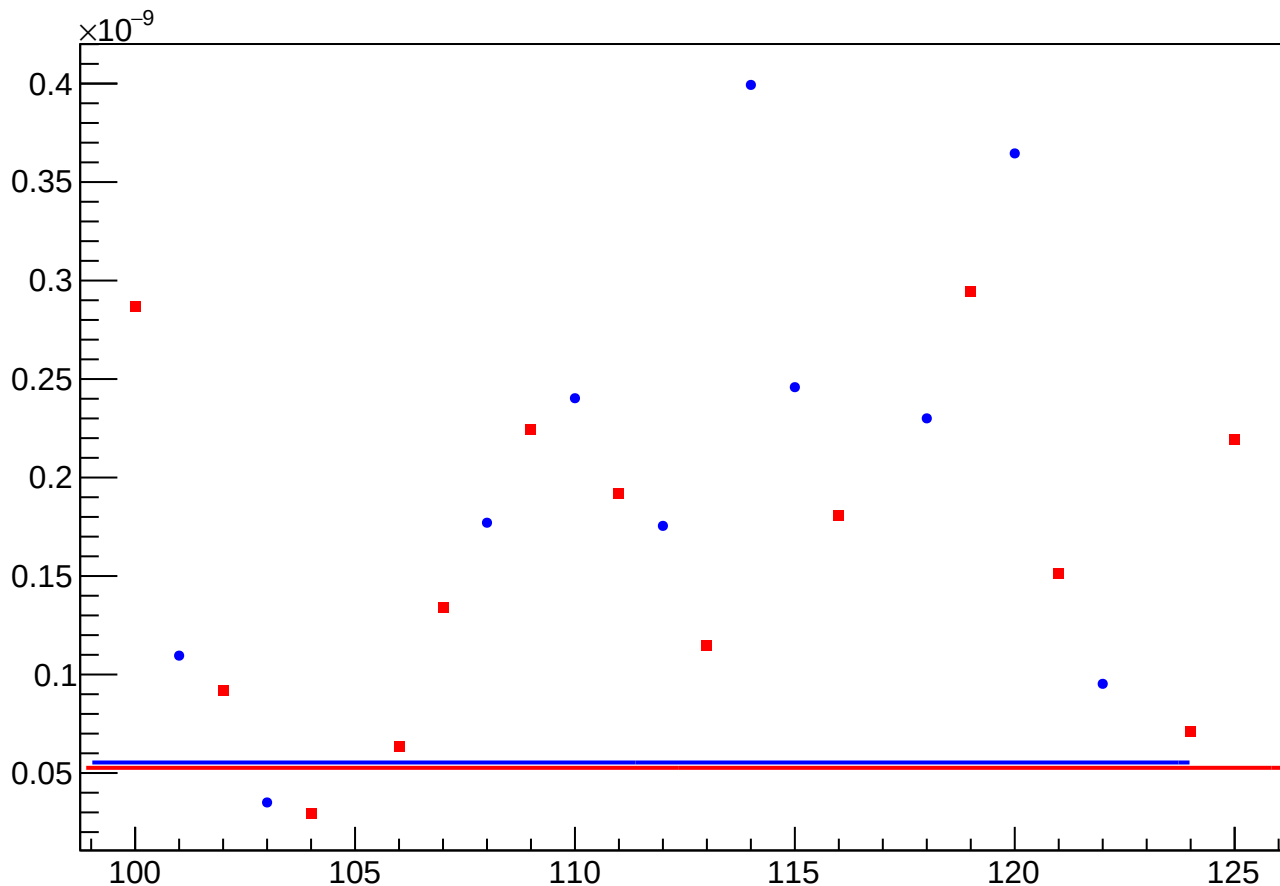
Right: 0.000+/-0.000 χ^2/NDF : 23.7/22

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 : 23.7/22

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 : 1852543.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

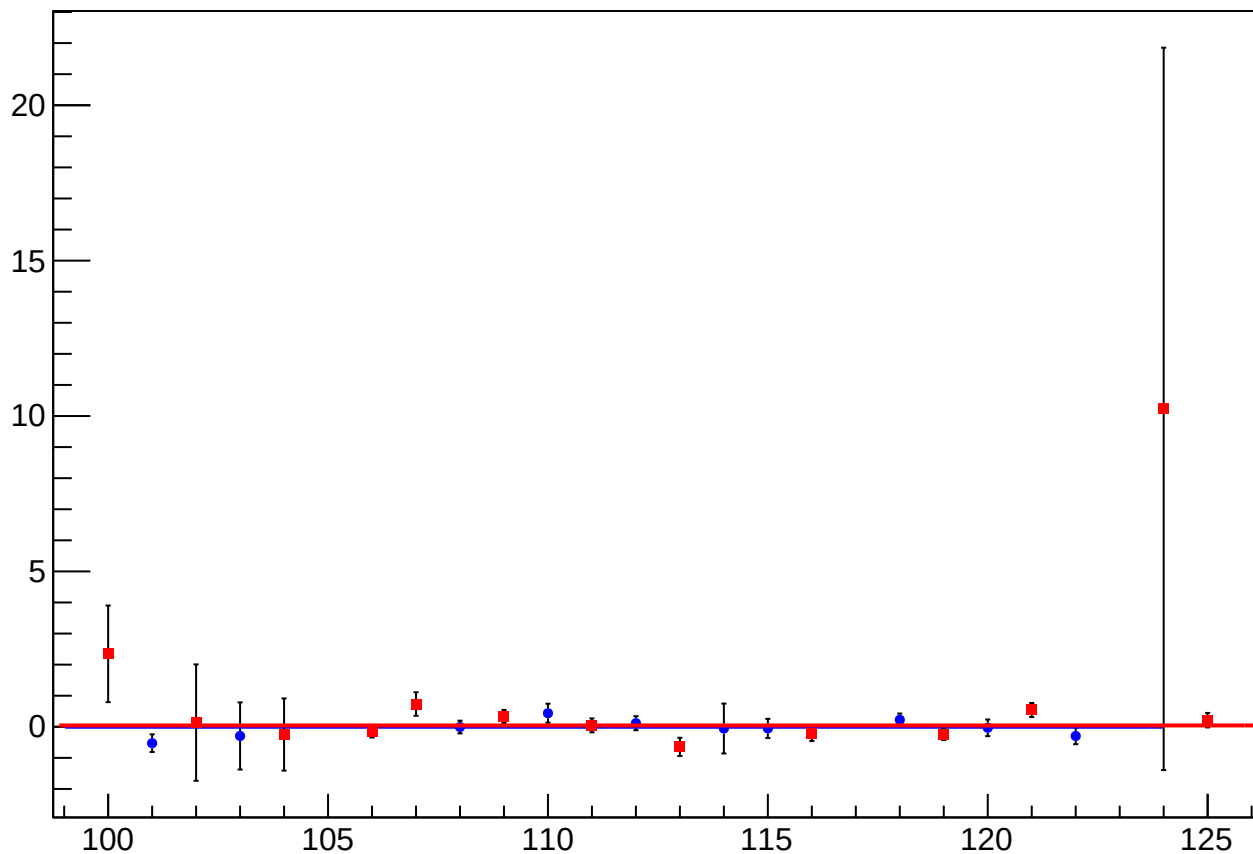
Right: 0.000+/-0.000 χ^2/NDF : 3382752.7/22

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 : 3382752.7/22

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: 0.043 $\pm$ 0.076 χ^2 /NDF: 23.6/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

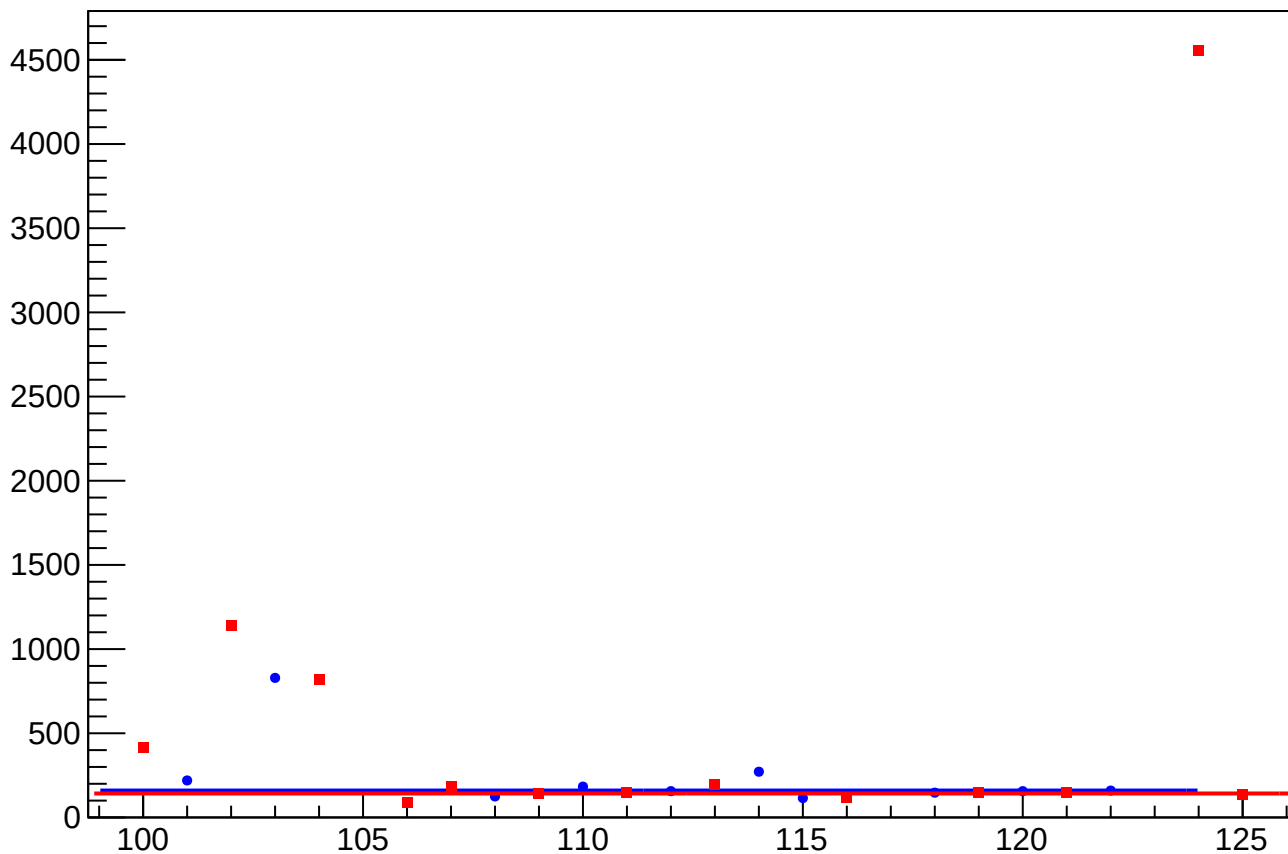
Right: 0.025 $\pm$ 0.057 χ^2 /NDF: 32.1/22

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: 0.025 $\pm$ 0.057 χ^2 /NDF: 32.1/22

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: 142.415+/-0.054 χ^2/NDF : 1873200.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

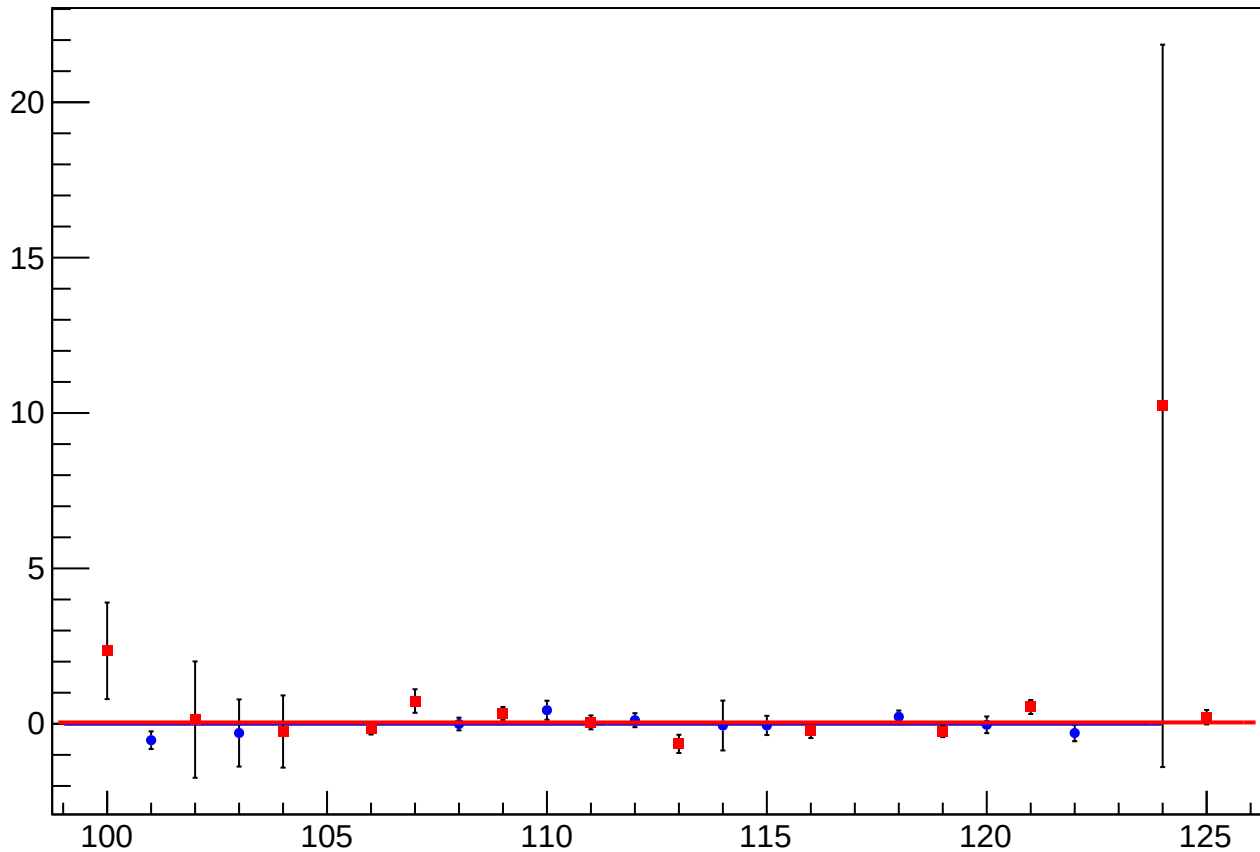
Right: 149.946+/-0.040 χ^2/NDF : 2933576.4/22

In: 159.813+/-0.062 χ^2/NDF :1014992.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 149.946+/-0.040 χ^2/NDF : 2933576.4/22

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: 0.043 $\pm$ 0.076 χ^2 /NDF: 23.6/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

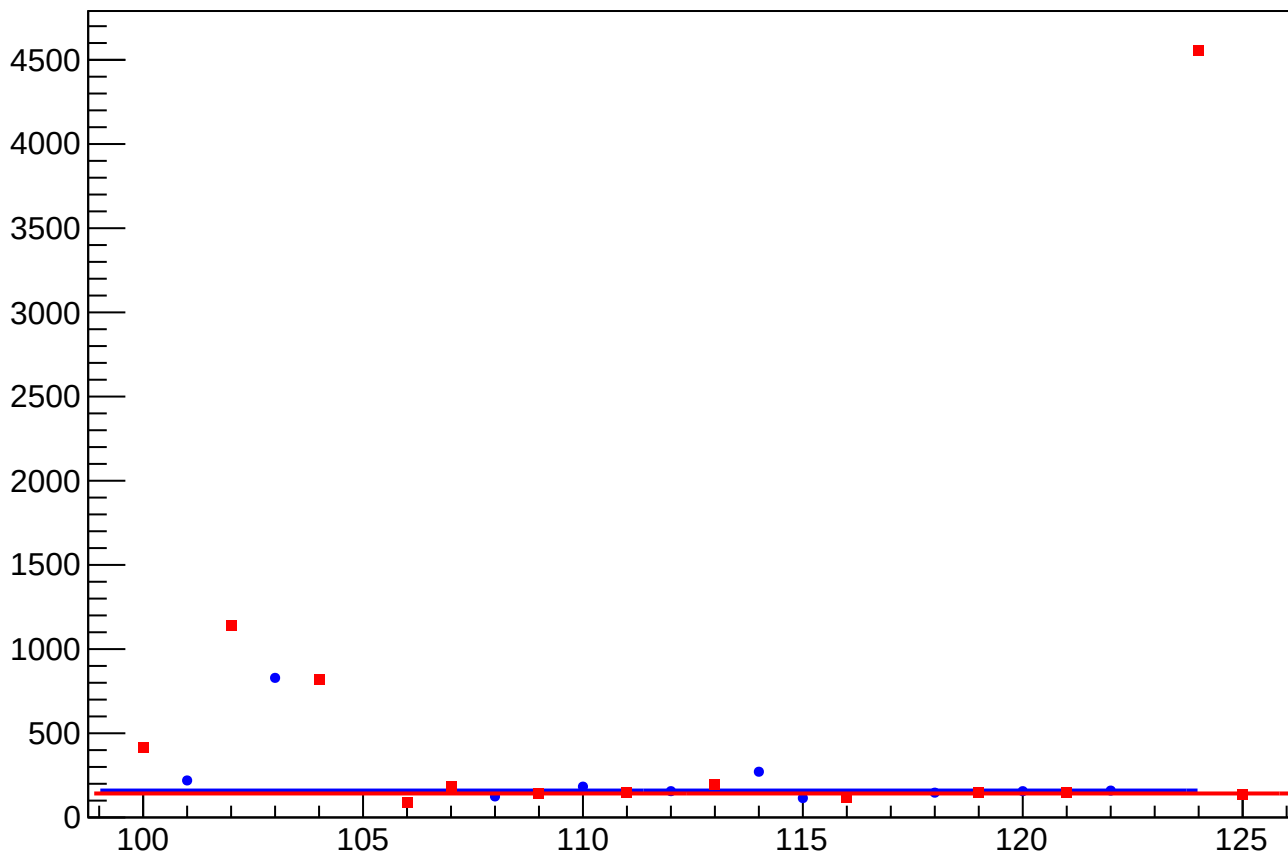
Right: 0.025 $\pm$ 0.057 χ^2 /NDF: 32.1/22

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: 0.025 $\pm$ 0.057 χ^2 /NDF: 32.1/22

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: 142.415+/-0.054 χ^2/NDF : 1873200.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

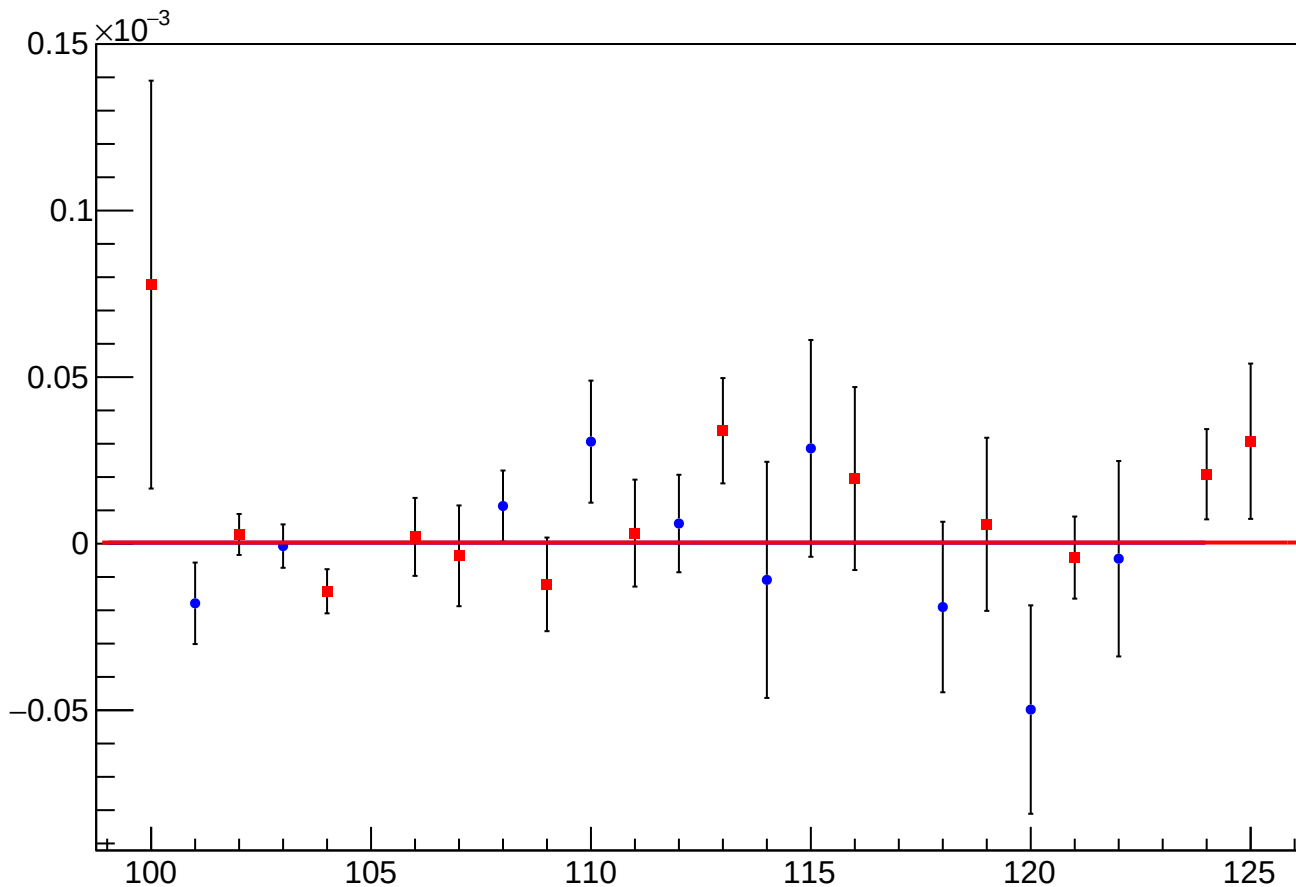
Right: 149.946+/-0.040 χ^2/NDF : 2933576.4/22

In: 159.813+/-0.062 χ^2/NDF : 1014992.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.946+/-0.040 χ^2/NDF : 2933576.4/22

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 : 16.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

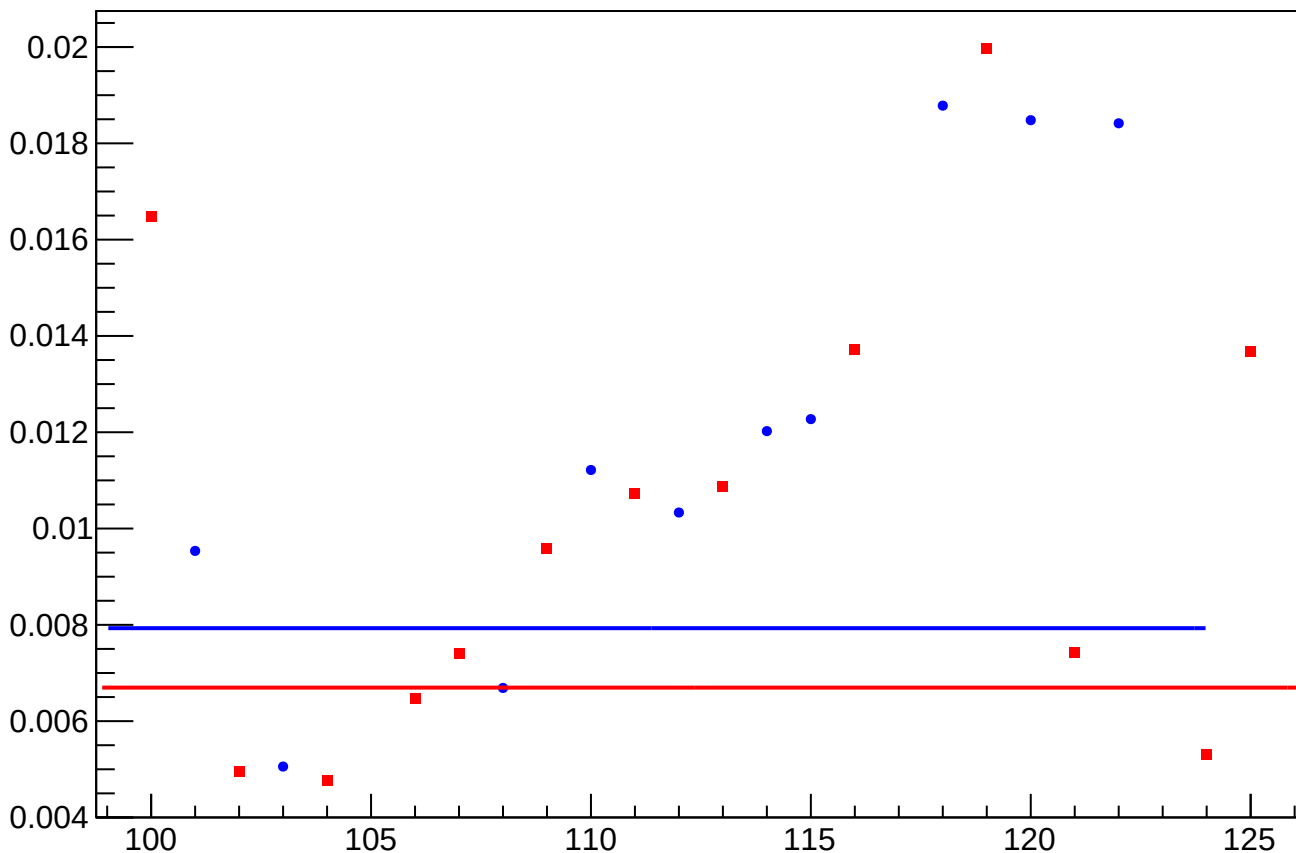
Right: 0.000+/-0.000 χ^2/NDF : 26.9/22

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 : 26.9/22

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 : 1597929.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

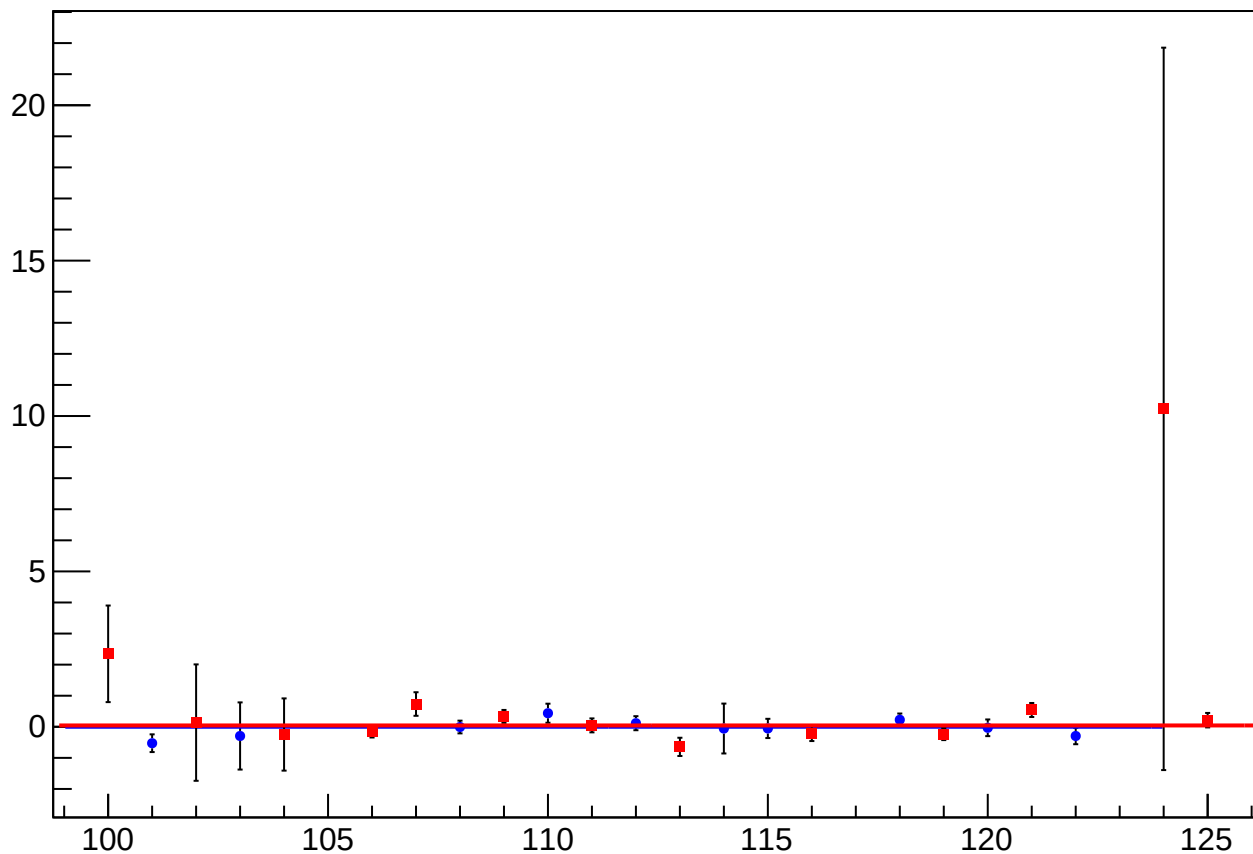
Right: 0.007+/-0.000 χ^2/NDF : 3172140.5/22

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 : 3172140.5/22

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: 0.043 $\pm$ 0.076 χ^2 /NDF: 23.6/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

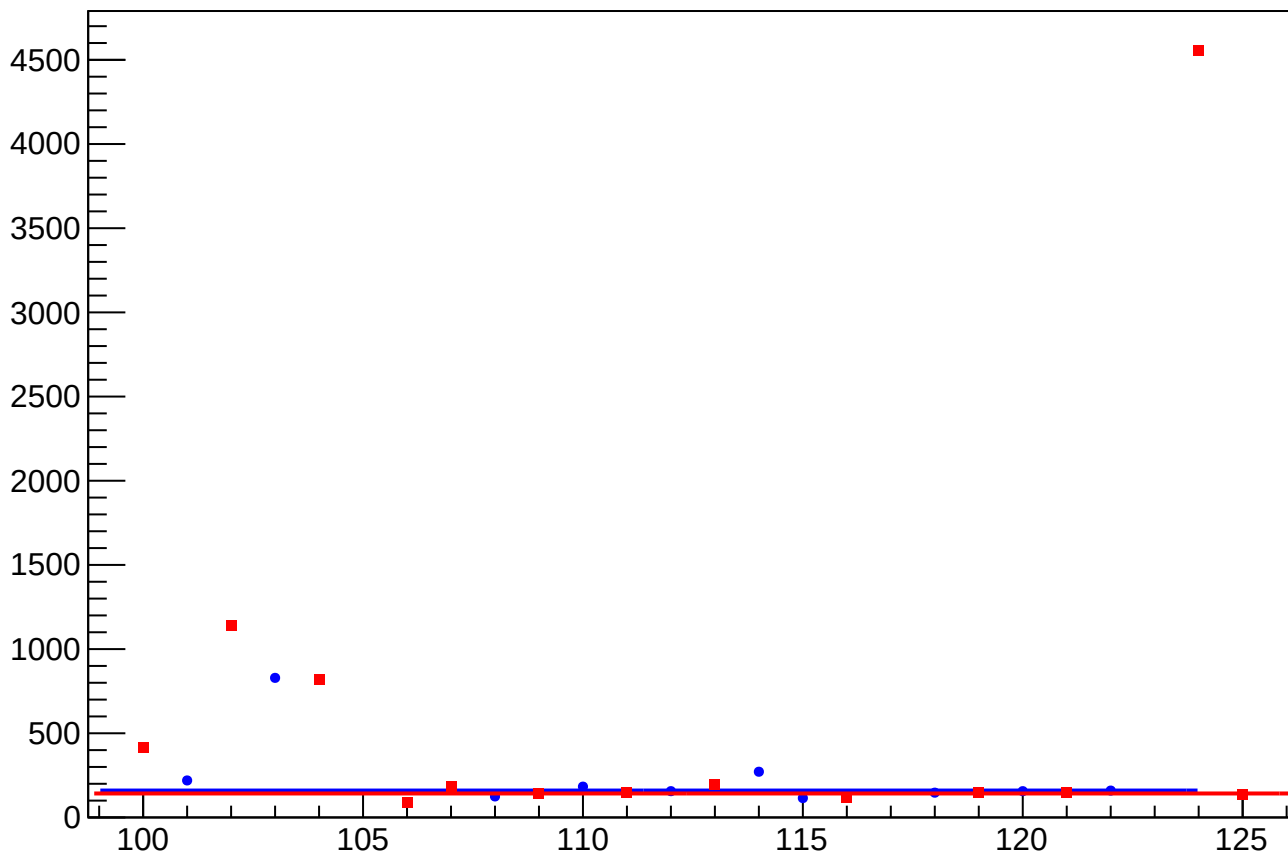
Right: 0.025 $\pm$ 0.057 χ^2 /NDF: 32.1/22

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: 0.025 $\pm$ 0.057 χ^2 /NDF: 32.1/22

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: 142.414+/-0.054 χ^2/NDF : 1873204.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

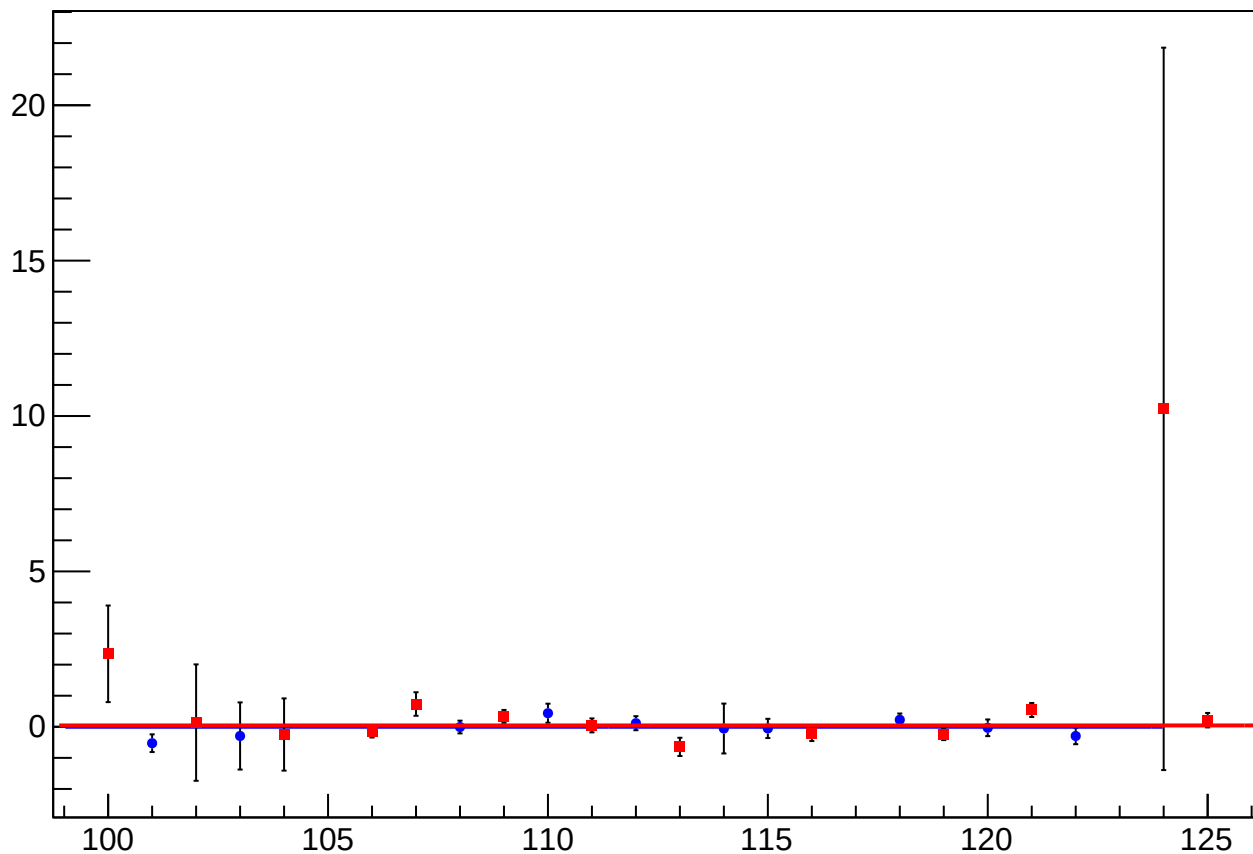
Right: 149.945+/-0.040 χ^2/NDF : 2933573.4/22

In: 159.813+/-0.062 χ^2/NDF : 1014980.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.945+/-0.040 χ^2/NDF : 2933573.4/22

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002+/-0.087 χ^2/NDF : 8.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.043+/-0.076 χ^2/NDF : 23.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

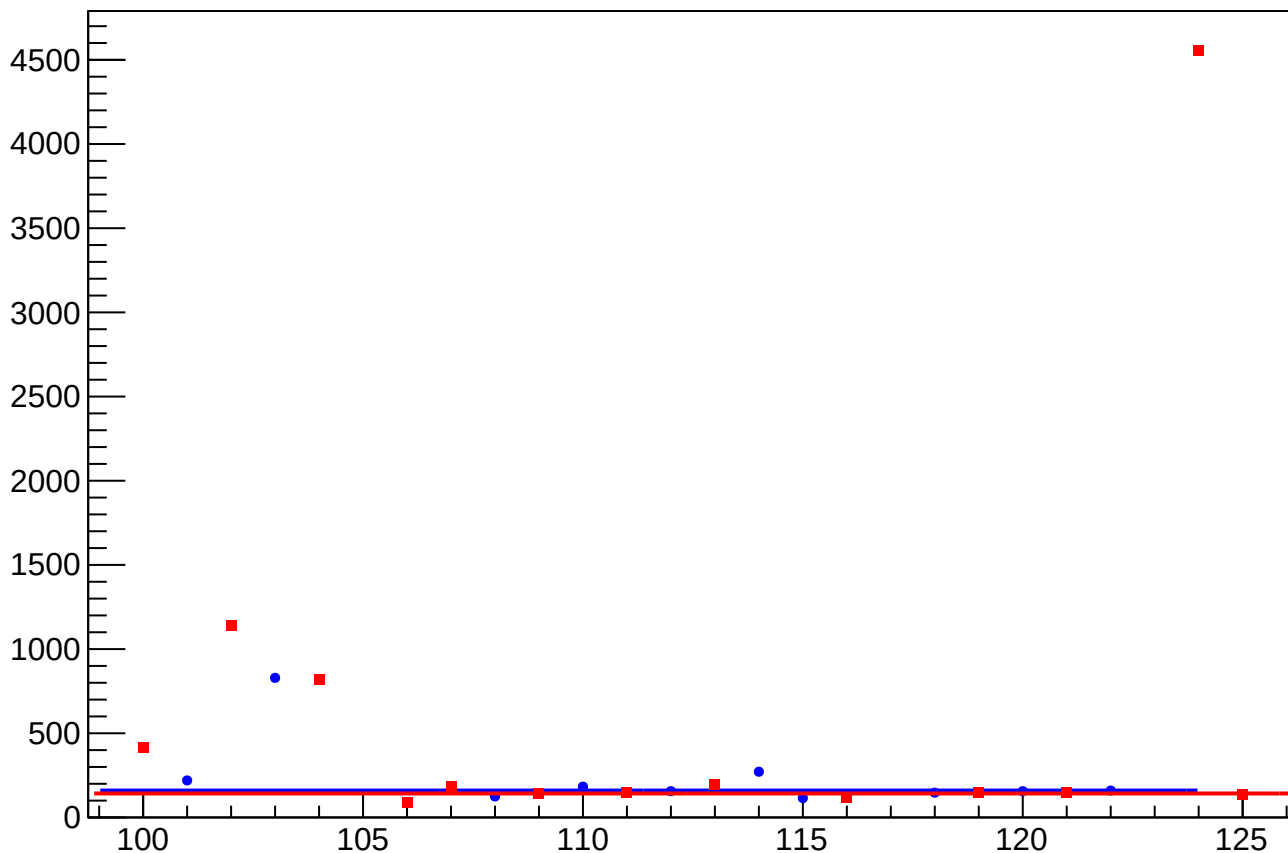
Right: 0.025+/-0.057 χ^2/NDF : 32.1/22

In: 0.002+/-0.087 χ^2/NDF : 8.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.057 χ^2/NDF : 32.1/22

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: 142.414+/-0.054 χ^2/NDF : 1873204.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

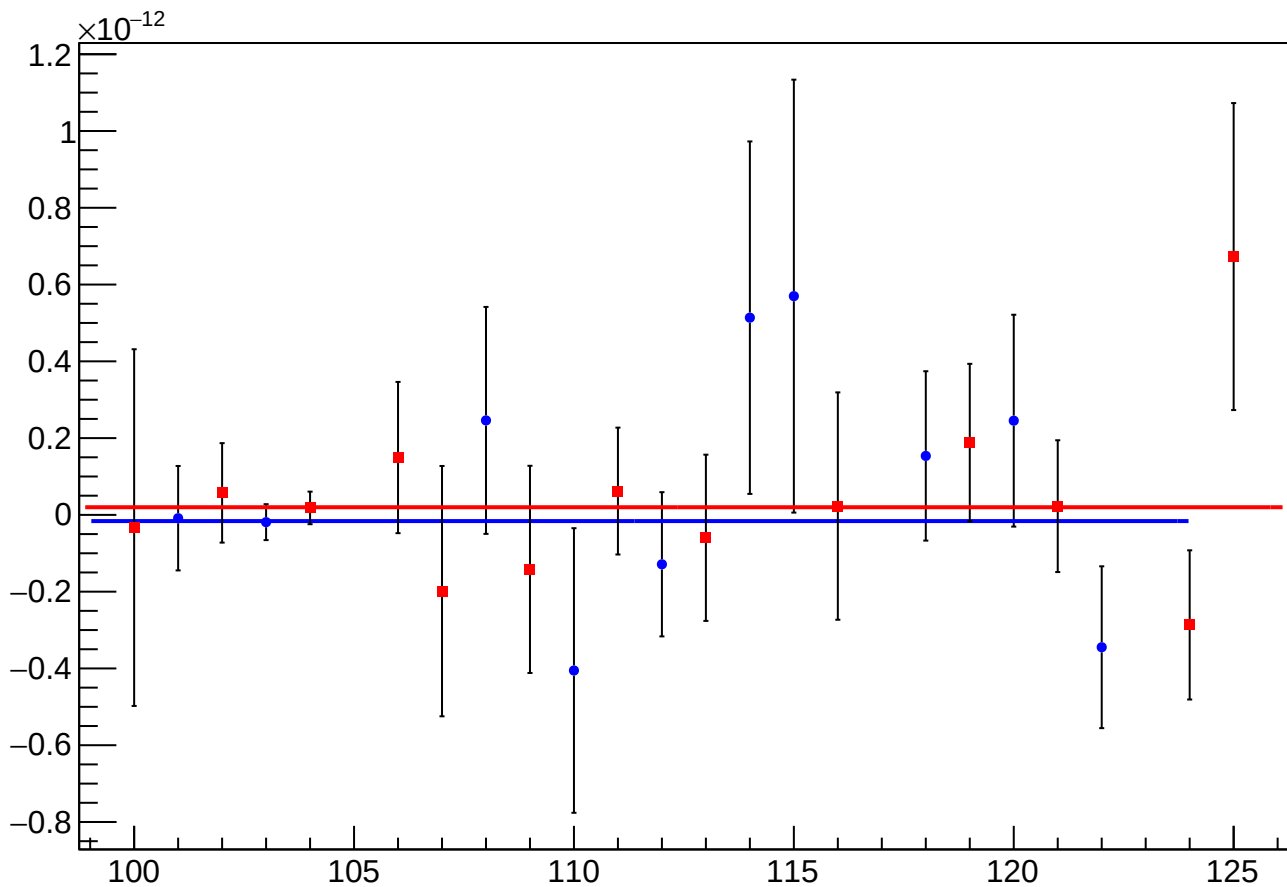
Right: 149.945+/-0.040 χ^2/NDF : 2933573.4/22

In: 159.813+/-0.062 χ^2/NDF : 1014980.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.945+/-0.040 χ^2/NDF : 2933573.4/22

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 : 7.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

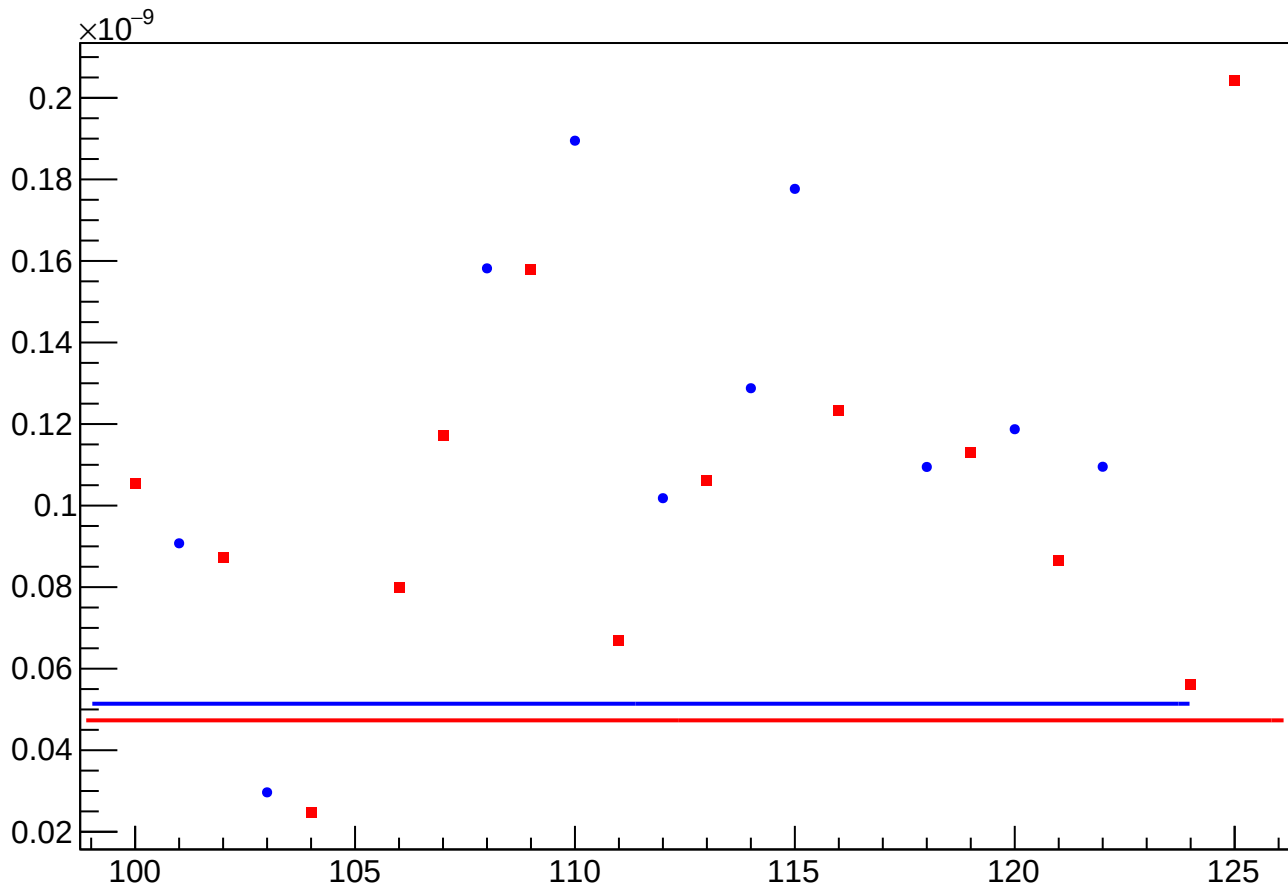
Right: 0.000+/-0.000 χ^2/NDF : 16.4/22

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 : 16.4/22

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 : 2201130.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

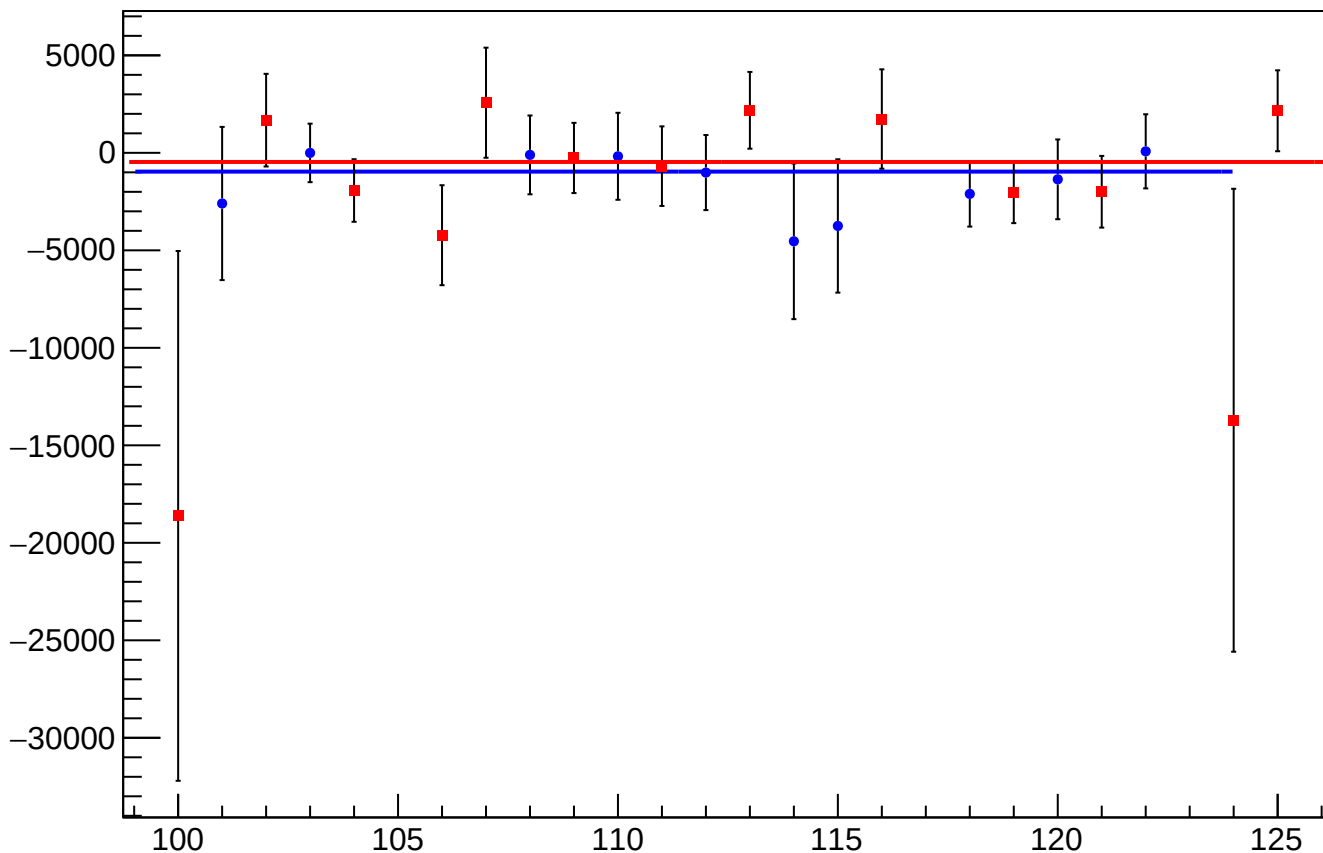
Right: 0.000+/-0.000 χ^2/NDF : 4061366.7/22

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 : 4061366.7/22

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: -467.860+/-603.724 χ^2/NDF : 13.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

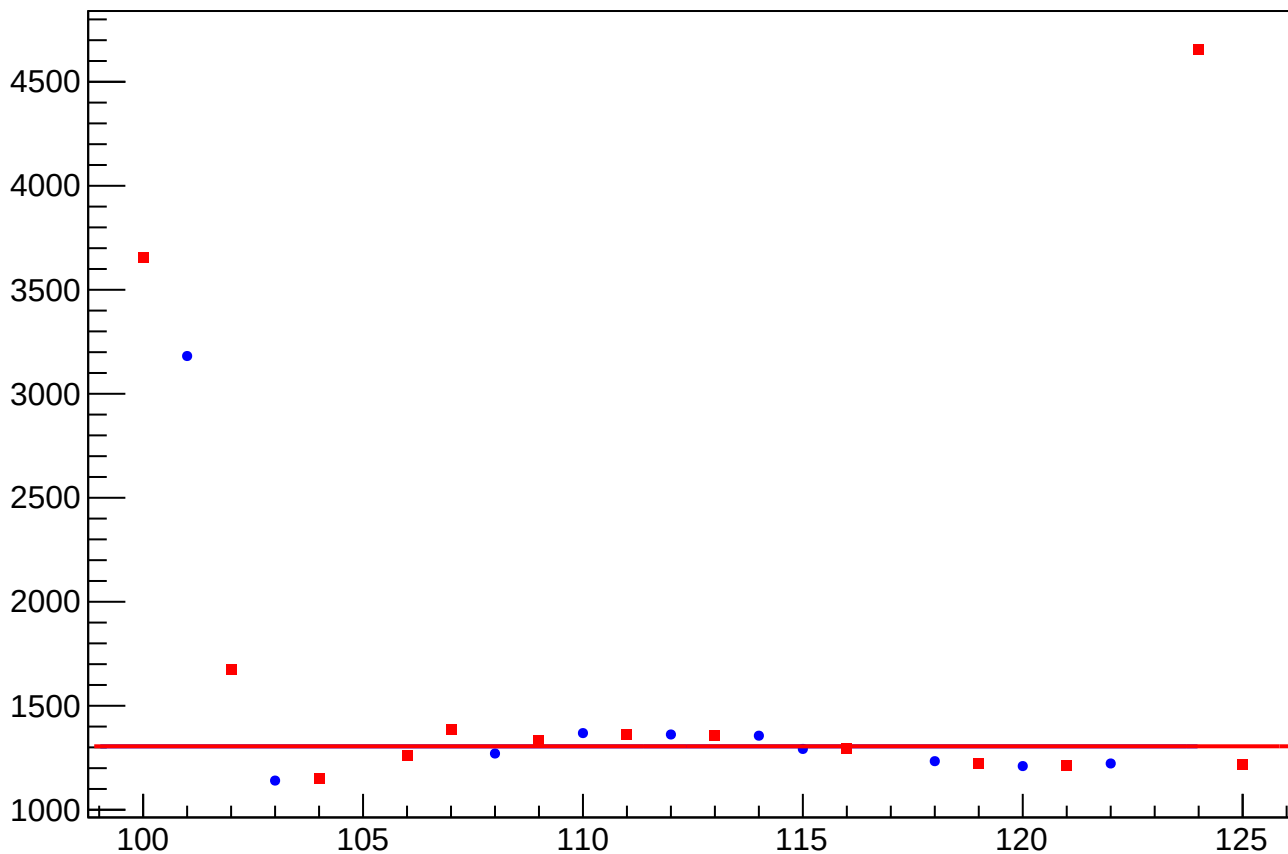
Right: -690.459+/-447.774 χ^2/NDF : 17.3/22

In: -962.633+/-667.575 χ^2/NDF : 3.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -690.459+/-447.774 χ^2/NDF : 17.3/22

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: 1305.145+/-0.427 χ^2/NDF : 306778.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

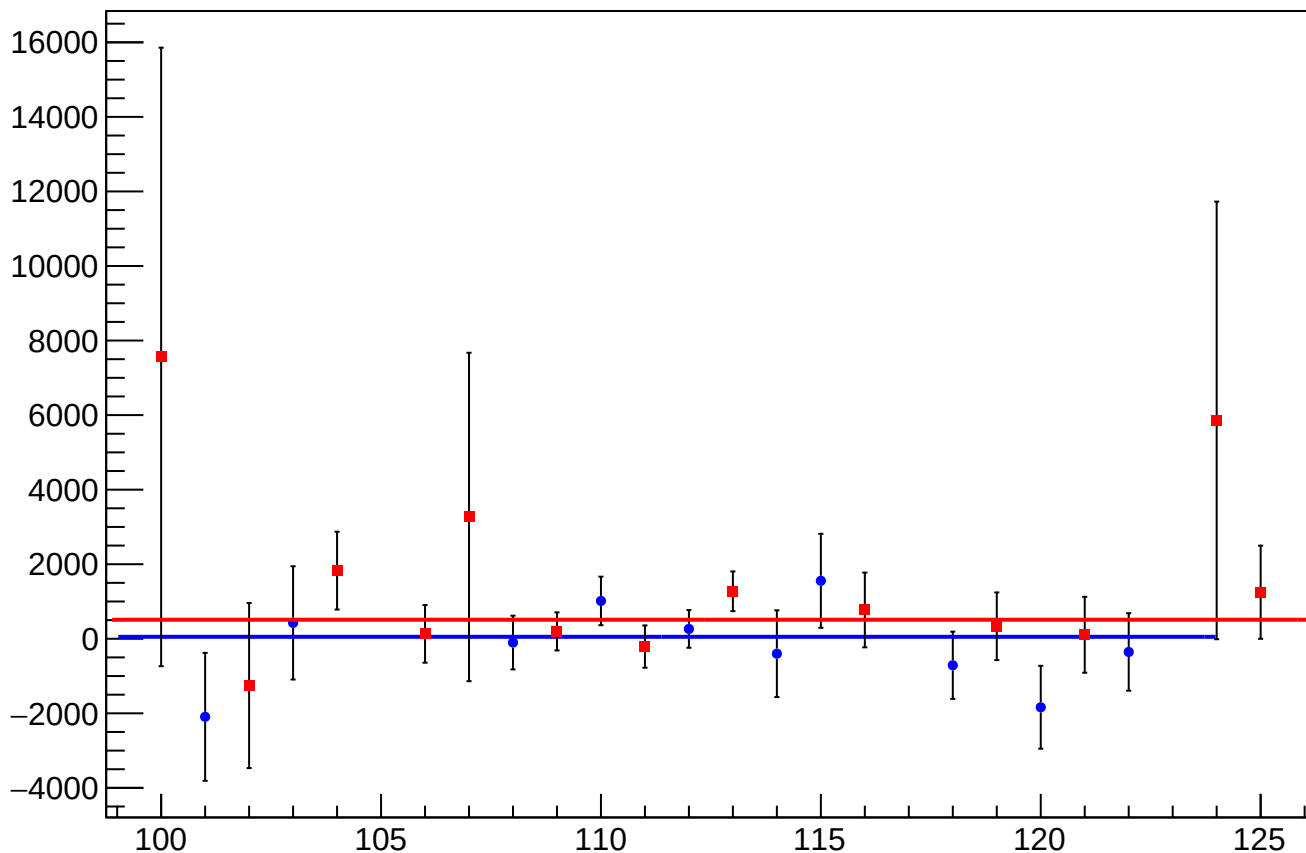
Right: 1304.965+/-0.317 χ^2/NDF : 803200.0/22

In: 1304.745+/-0.472 χ^2/NDF : 496421.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1304.965+/-0.317 χ^2/NDF : 803200.0/22

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: 510.743+/-241.384 χ^2/NDF : 9.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

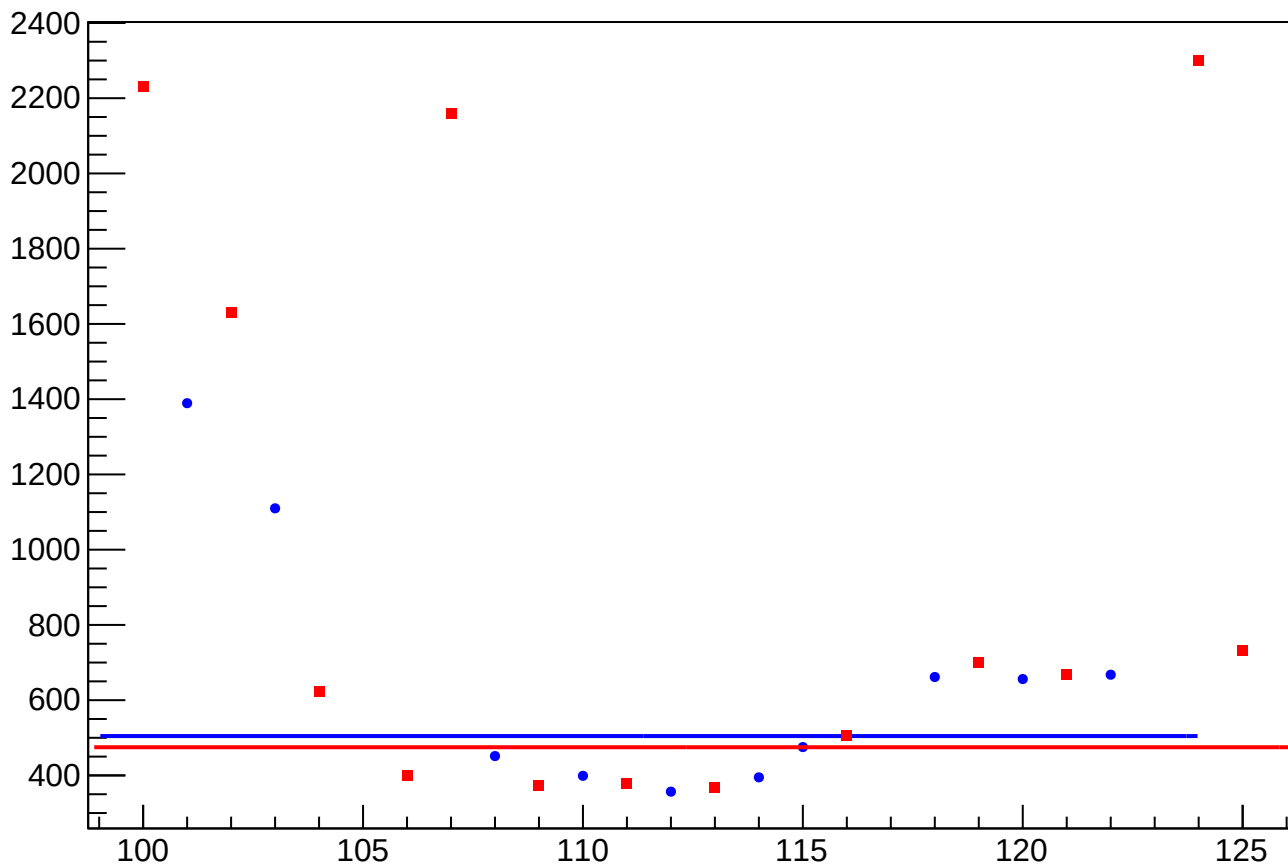
Right: 310.692+/-181.172 χ^2/NDF : 20.0/22

In: 52.611+/-274.168 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 310.692+/-181.172 χ^2/NDF : 20.0/22

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: 474.938+/-0.171 χ^2/NDF : 1679139.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

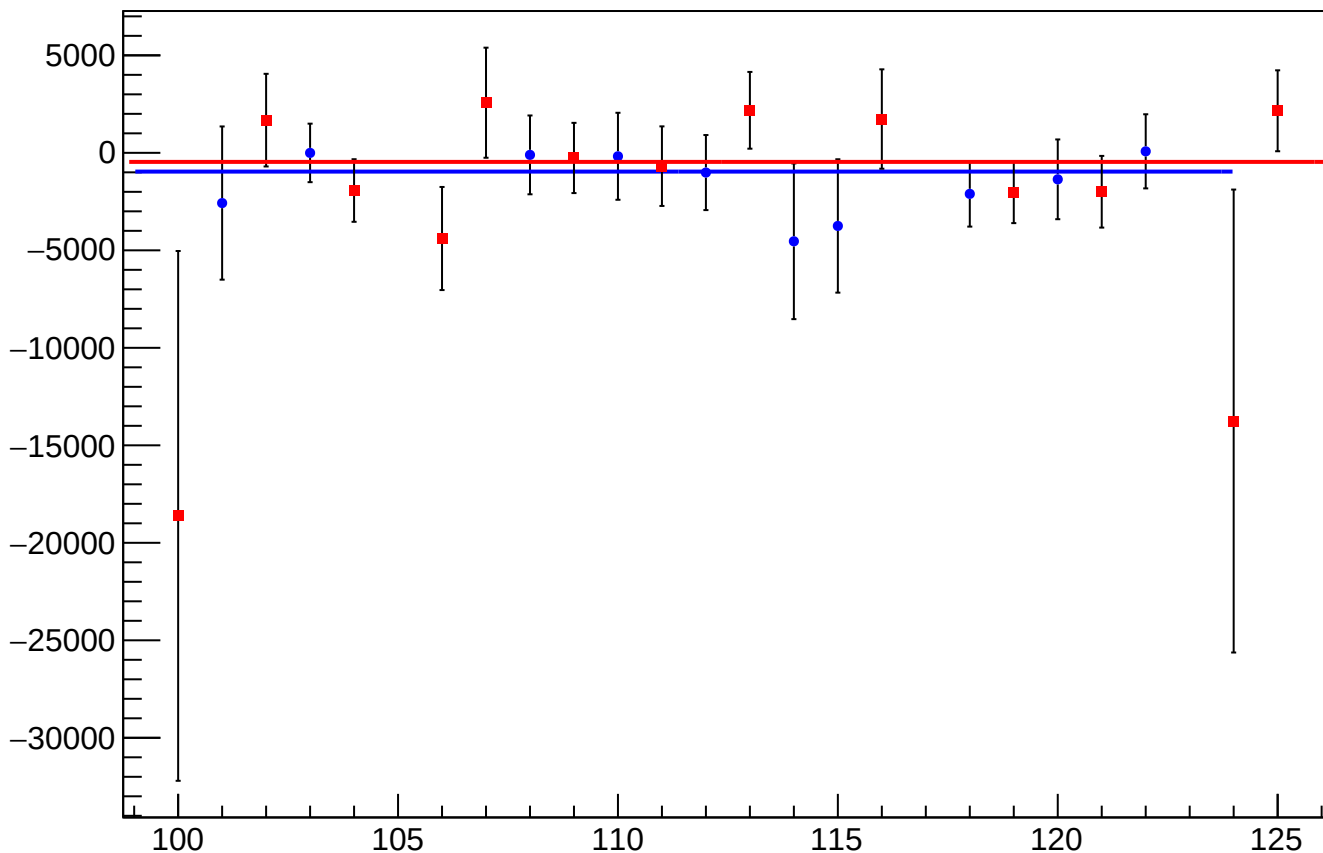
Right: 487.891+/-0.128 χ^2/NDF : 2941715.1/22

In: 504.601+/-0.194 χ^2/NDF :1249387.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 487.891+/-0.128 χ^2/NDF : 2941715.1/22

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: -464.376+/-604.728 χ^2/NDF : 13.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

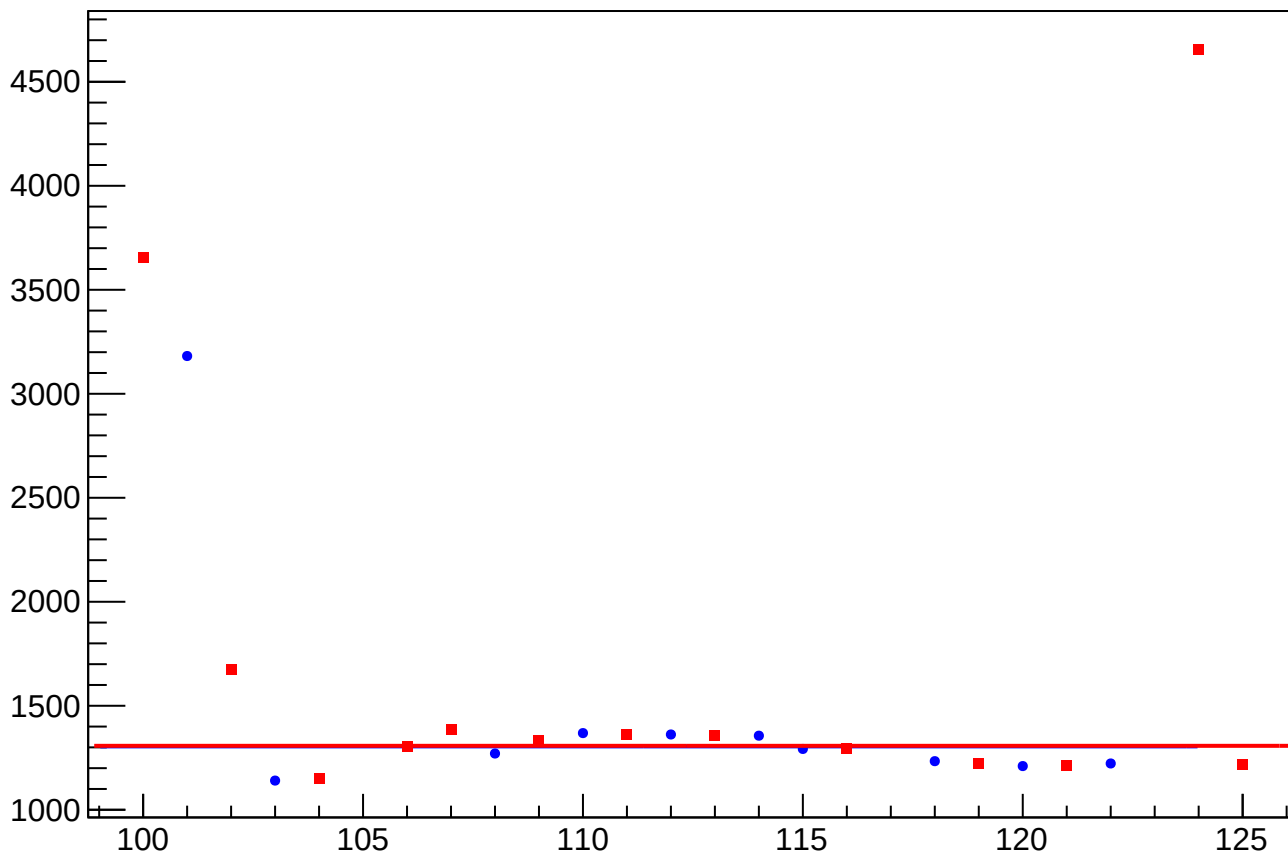
Right: -688.636+/-448.183 χ^2/NDF : 17.3/22

In: -961.931+/-667.575 χ^2/NDF : 3.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -688.636+/-448.183 χ^2/NDF : 17.3/22

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: 1307.419+/-0.428 χ^2/NDF : 306212.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

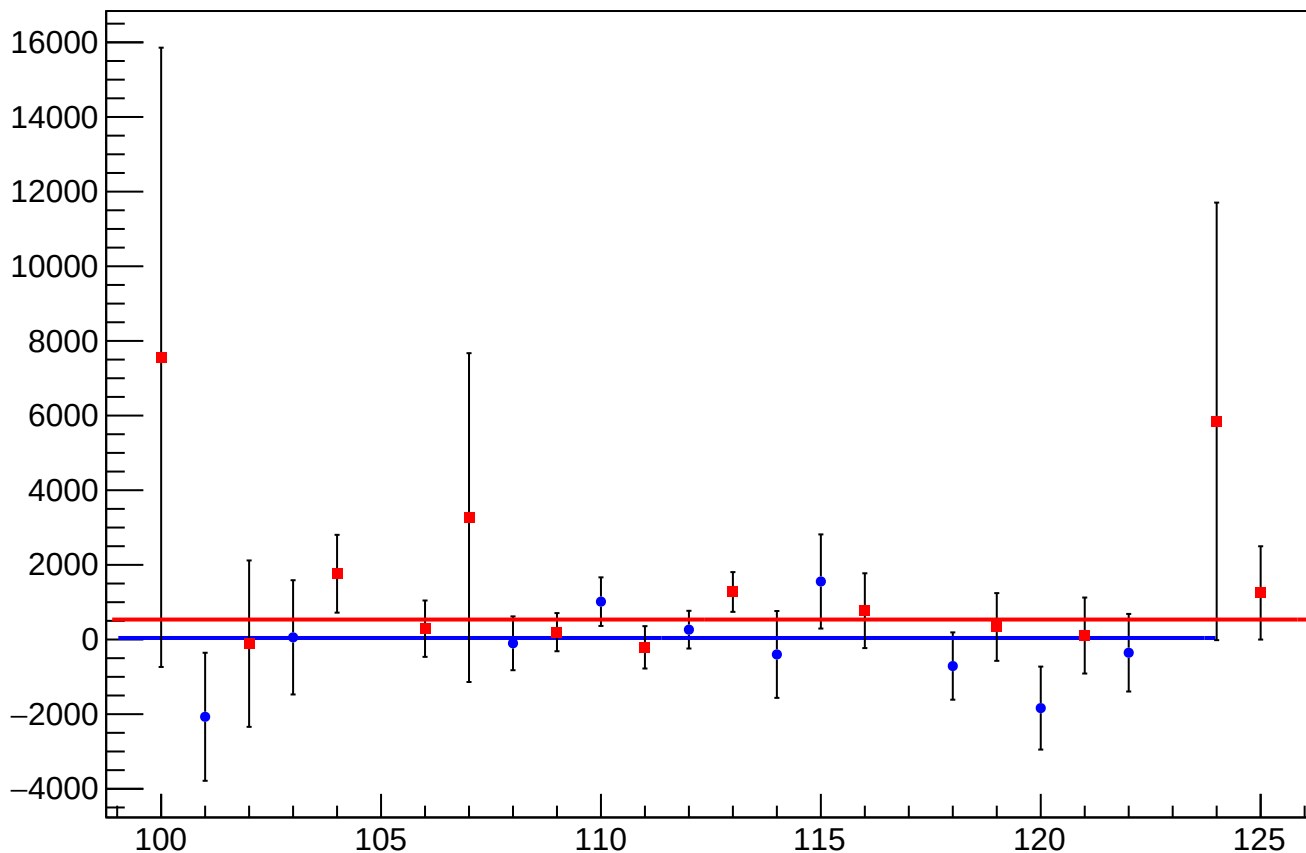
Right: 1306.214+/-0.317 χ^2/NDF : 802652.7/22

In: 1304.744+/-0.472 χ^2/NDF : 496423.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1306.214+/-0.317 χ^2/NDF : 802652.7/22

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: 535.243+/-240.808 χ^2/NDF : 8.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

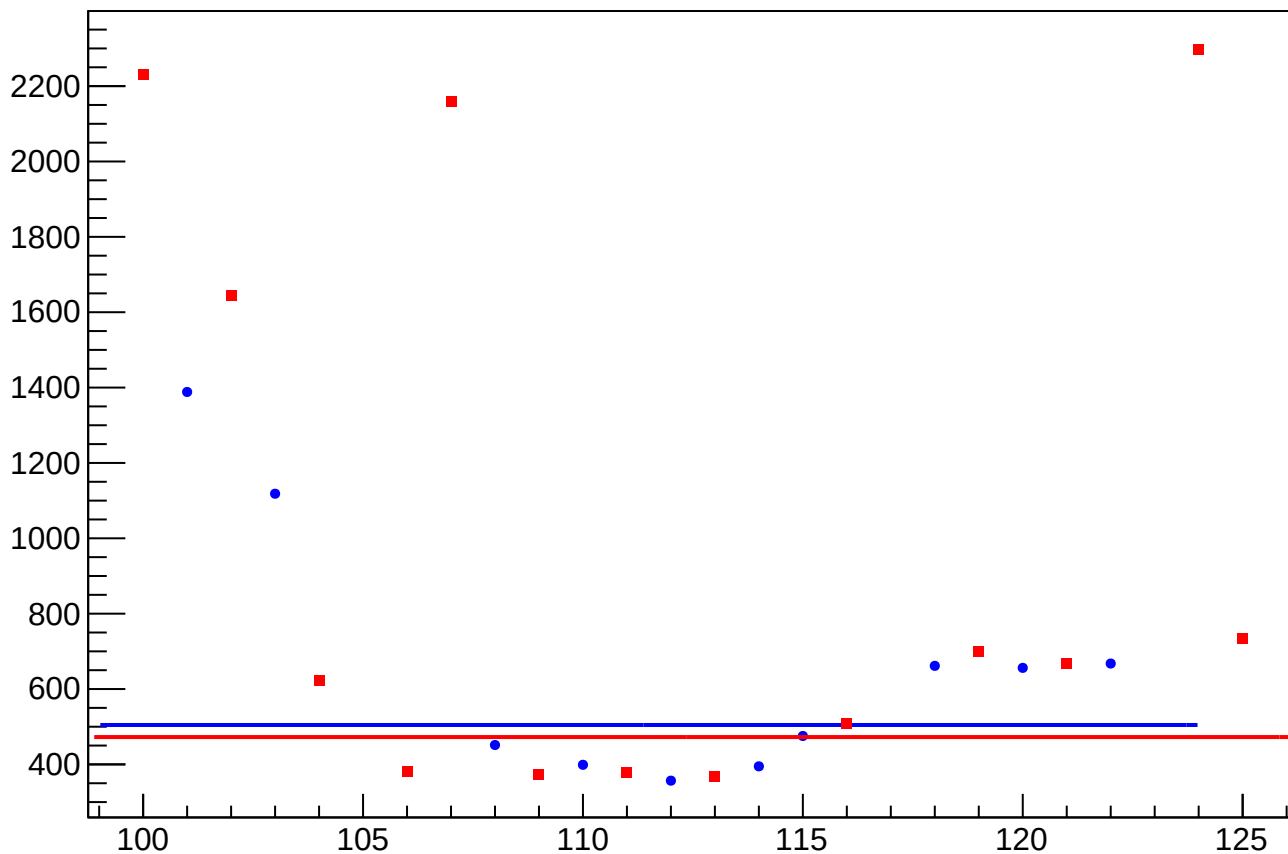
Right: 320.147+/-180.946 χ^2/NDF : 19.3/22

In: 41.200+/-274.231 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 320.147+/-180.946 χ^2/NDF : 19.3/22

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: 472.589+/-0.170 χ^2/NDF : 1698123.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

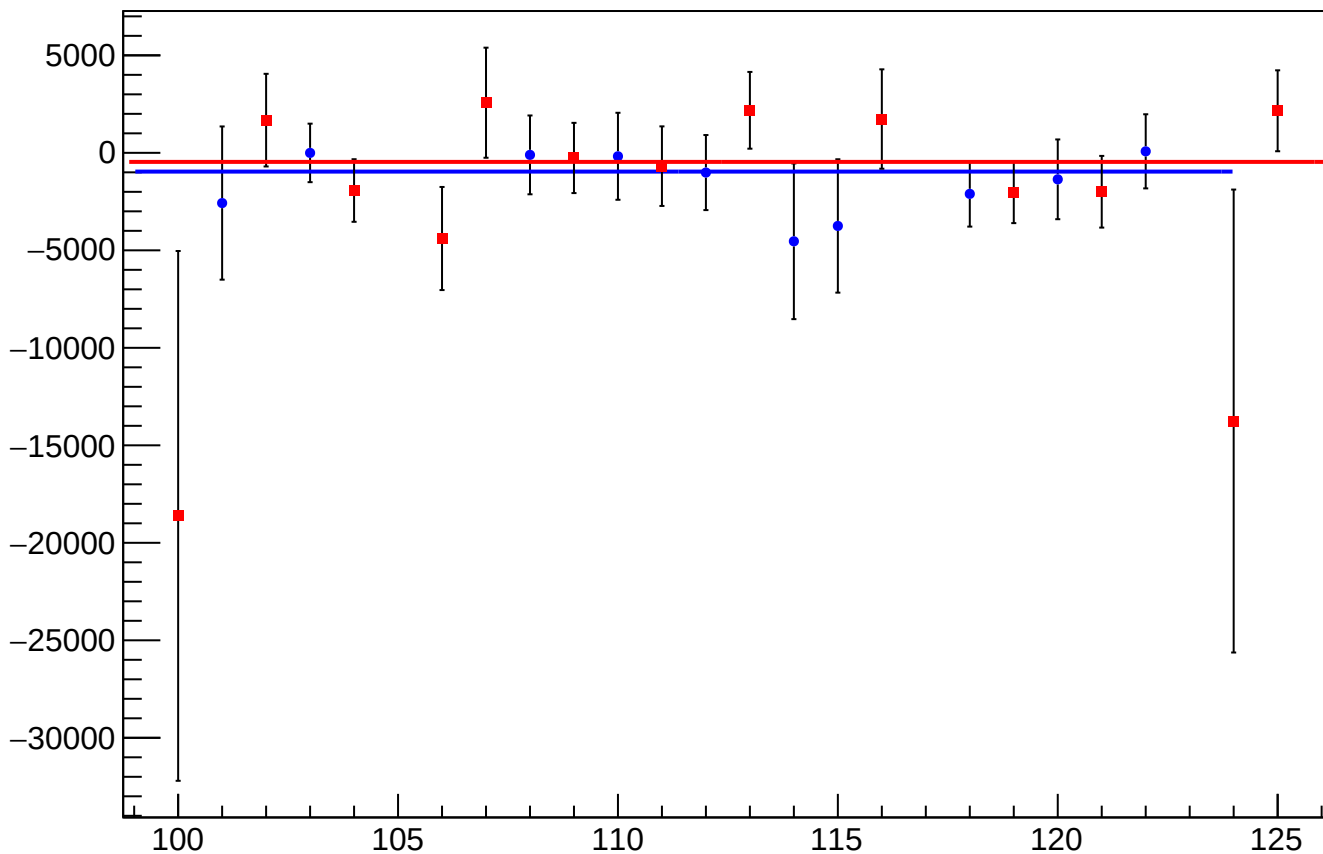
Right: 486.522+/-0.128 χ^2/NDF : 2966548.9/22

In: 504.591+/-0.194 χ^2/NDF :1253047.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 486.522+/-0.128 χ^2/NDF : 2966548.9/22

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: -464.376+/-604.728 χ^2/NDF : 13.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

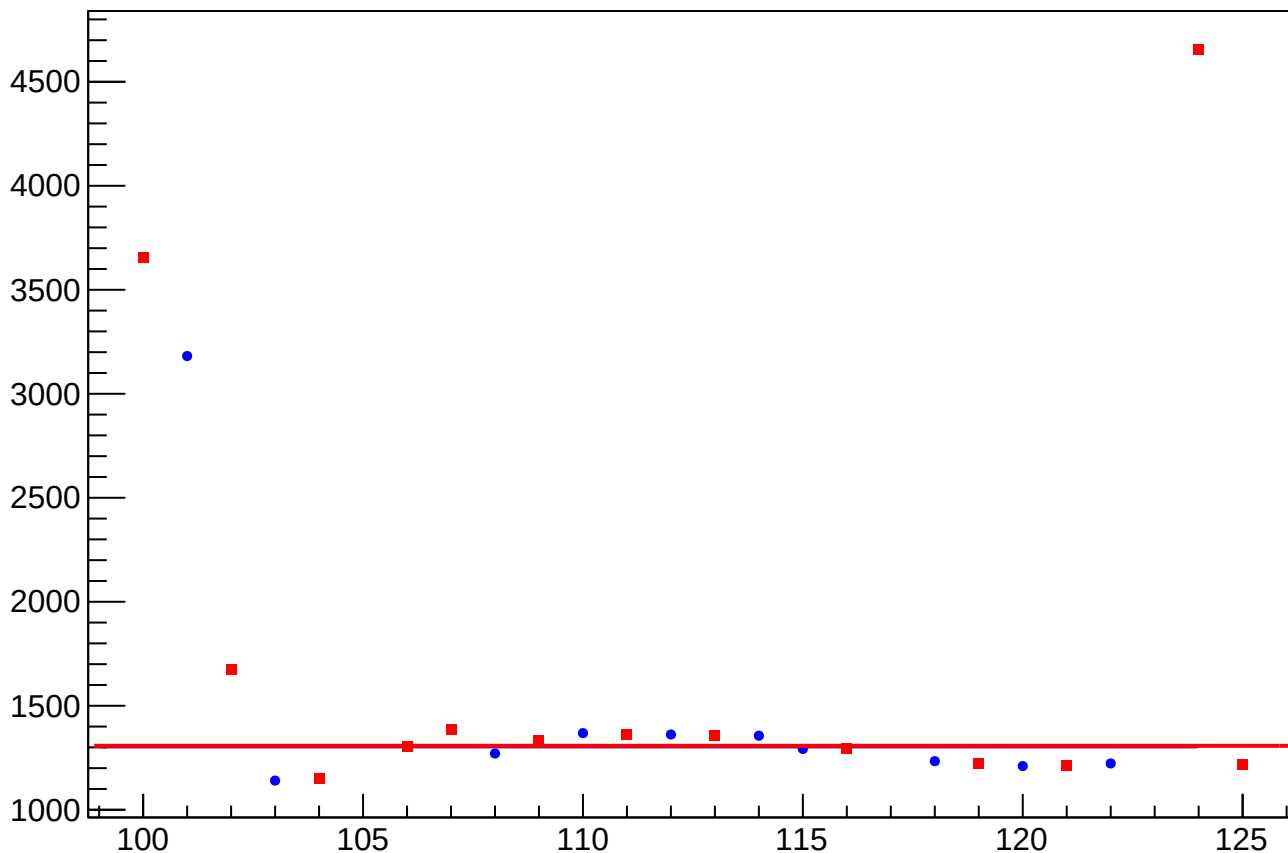
Right: -688.636+/-448.183 χ^2/NDF : 17.3/22

In: -961.931+/-667.575 χ^2/NDF : 3.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -688.636+/-448.183 χ^2/NDF : 17.3/22

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: 1307.419+/-0.428 χ^2/NDF : 306212.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

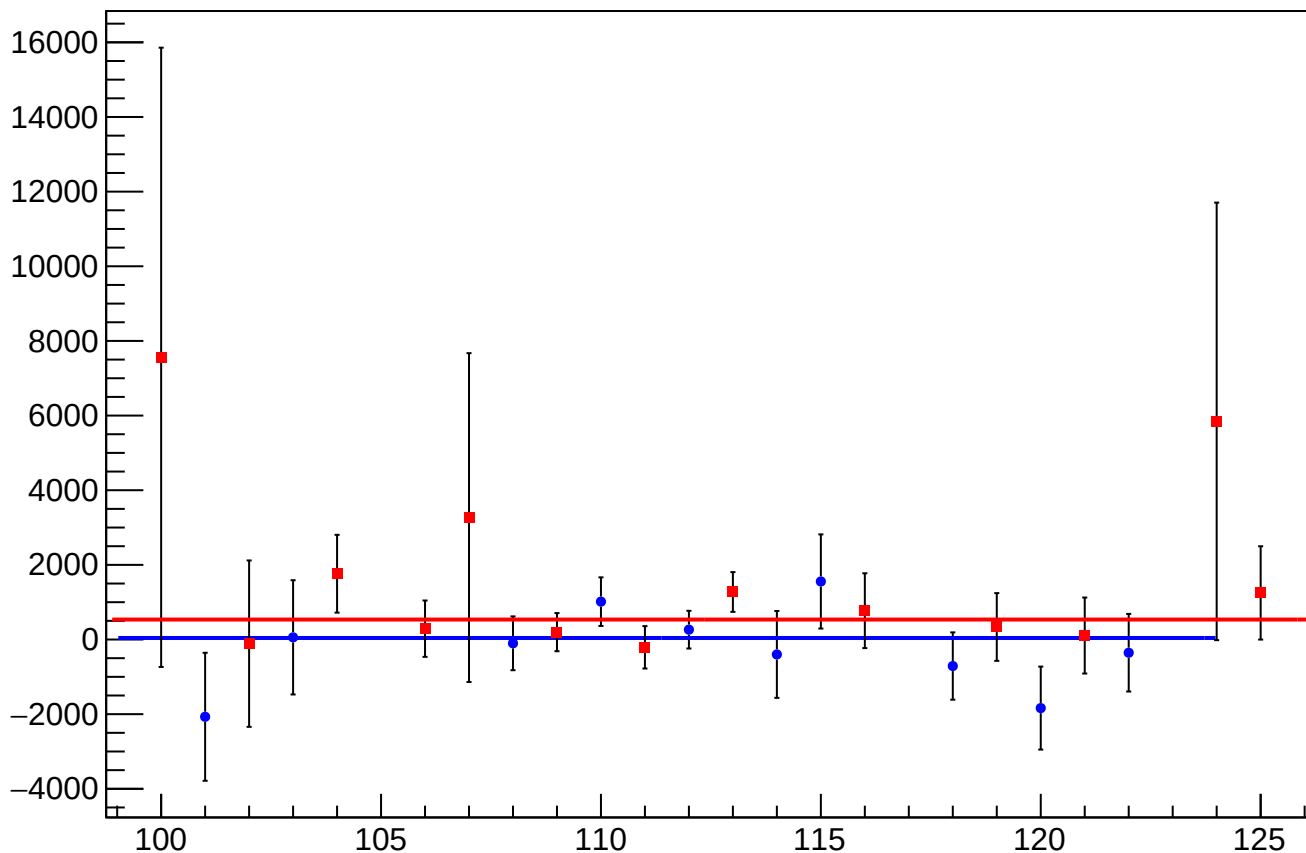
Right: 1306.214+/-0.317 χ^2/NDF : 802652.7/22

In: 1304.744+/-0.472 χ^2/NDF : 496423.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1306.214+/-0.317 χ^2/NDF : 802652.7/22

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: 535.243+/-240.808 χ^2/NDF : 8.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

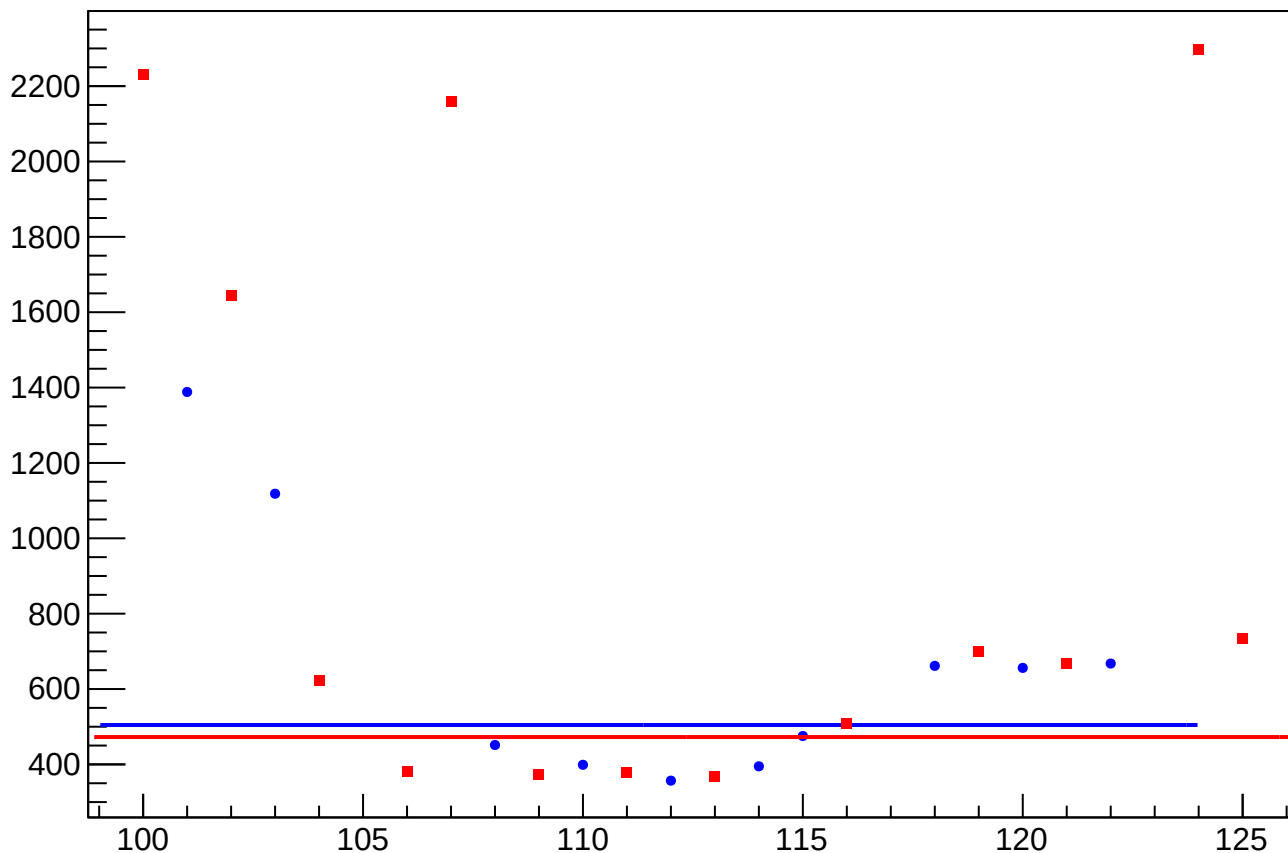
Right: 320.147+/-180.946 χ^2/NDF : 19.3/22

In: 41.200+/-274.231 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 320.147+/-180.946 χ^2/NDF : 19.3/22

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: 472.589+/-0.170 χ^2/NDF : 1698123.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

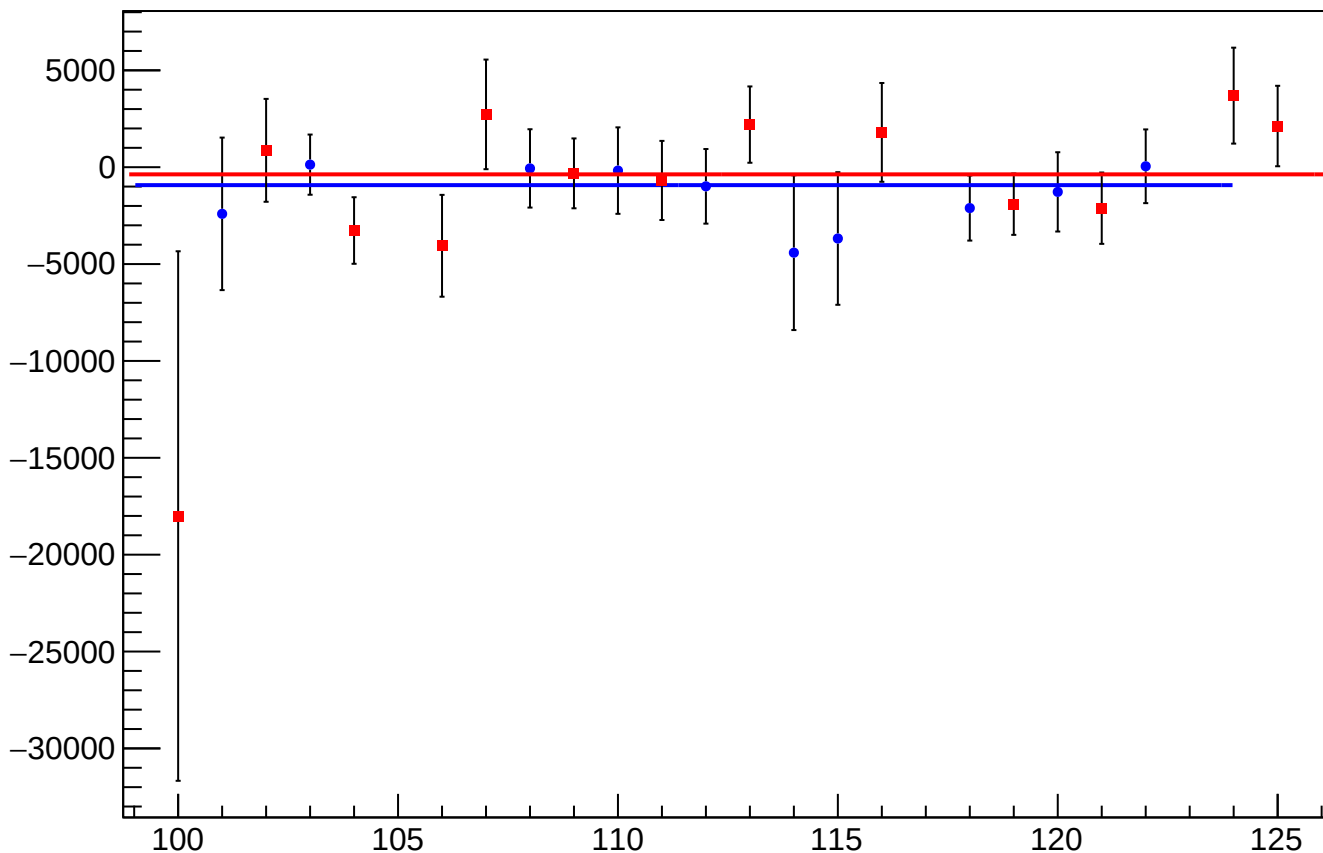
Right: 486.522+/-0.128 χ^2/NDF : 2966548.9/22

In: 504.591+/-0.194 χ^2/NDF :1253047.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 486.522+/-0.128 χ^2/NDF : 2966548.9/22

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: -369.465+/-597.204 χ^2/NDF : 16.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

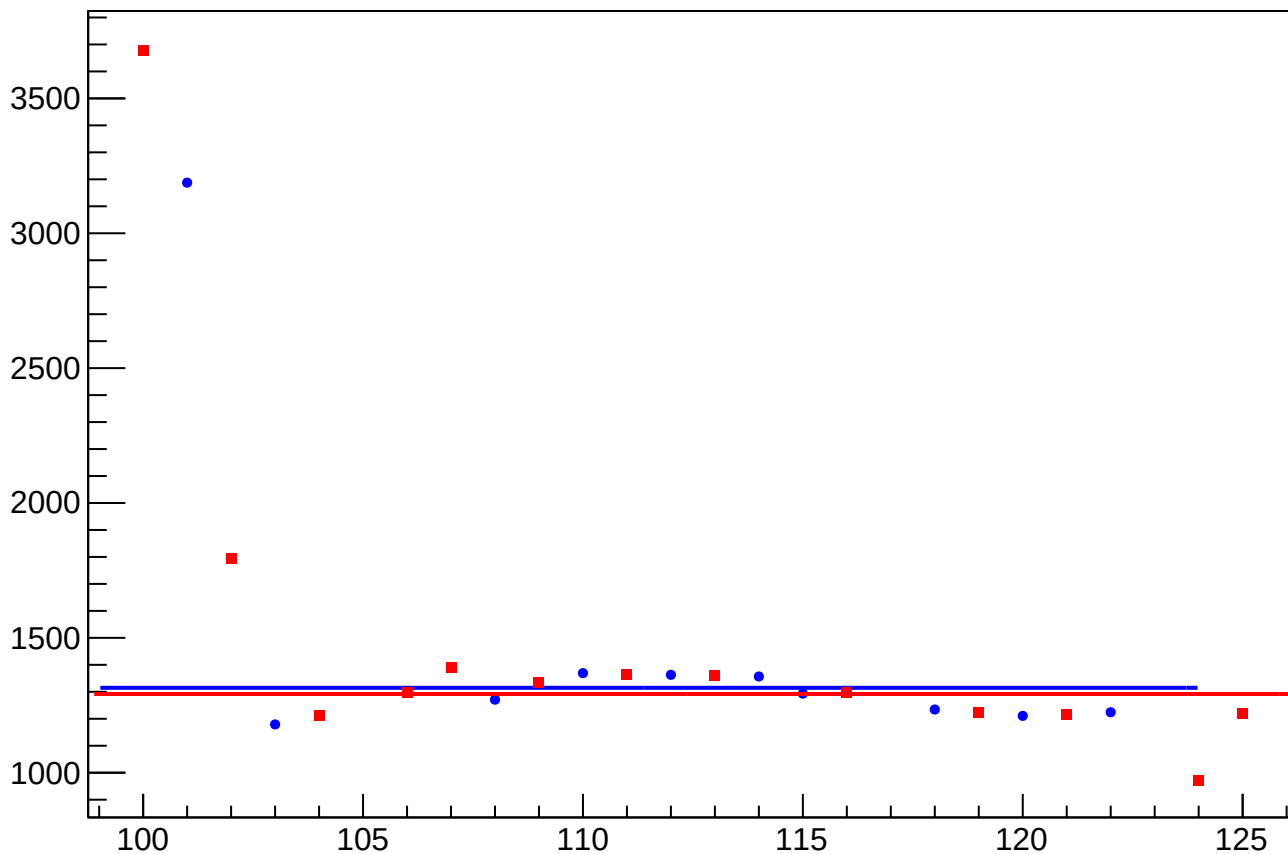
Right: -614.702+/-446.521 χ^2/NDF : 19.8/22

In: -925.602+/-672.419 χ^2/NDF : 3.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -614.702+/-446.521 χ^2/NDF : 19.8/22

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: 1291.843+/-0.422 χ^2/NDF : 188287.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

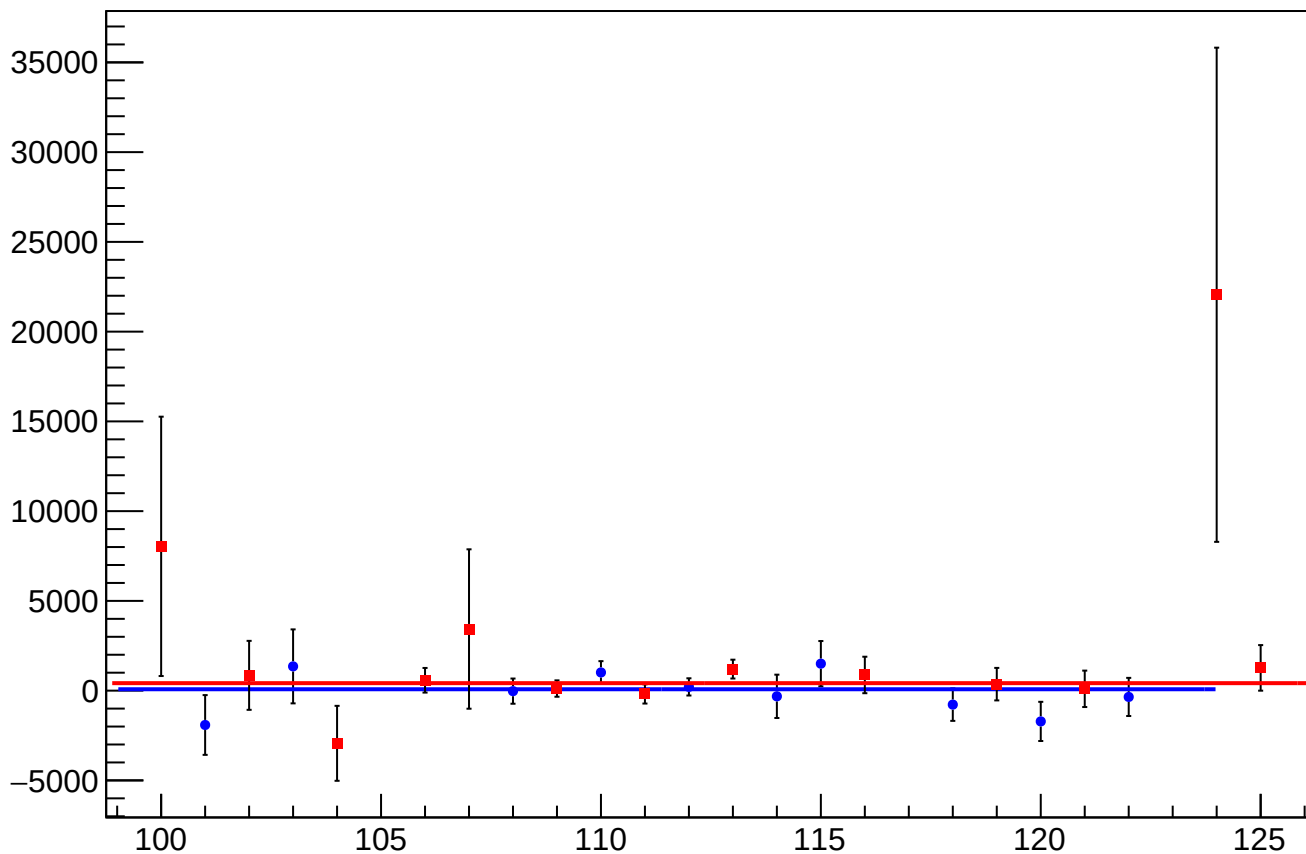
Right: 1301.991+/-0.316 χ^2/NDF : 675639.2/22

In: 1314.856+/-0.475 χ^2/NDF : 486041.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1301.991+/-0.316 χ^2/NDF : 675639.2/22

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: 417.119+/-232.995 χ^2/NDF : 11.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

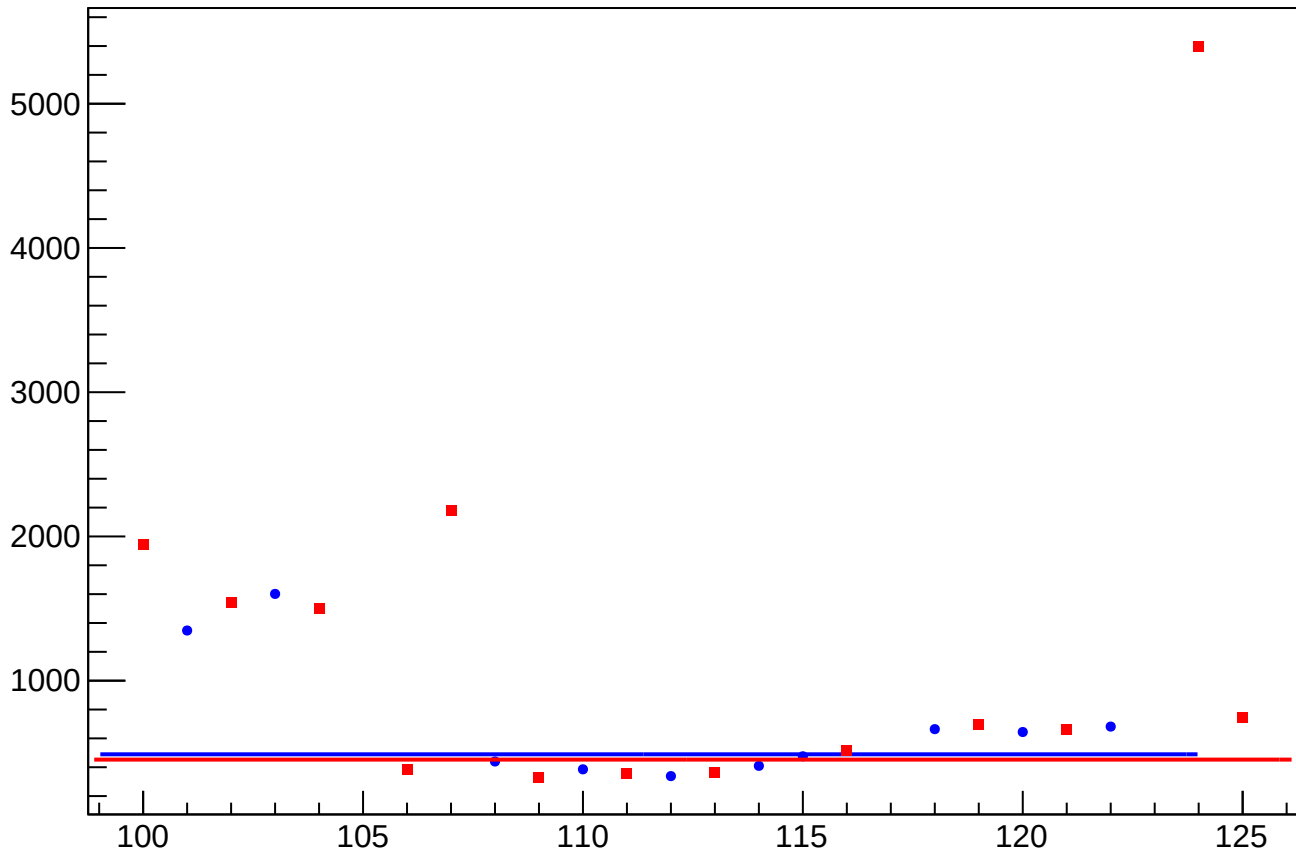
Right: 271.951+/-176.277 χ^2/NDF : 21.6/22

In: 77.627+/-269.572 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 271.951+/-176.277 χ^2/NDF : 21.6/22

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: 452.829+/-0.165 χ^2/NDF : 2435935.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

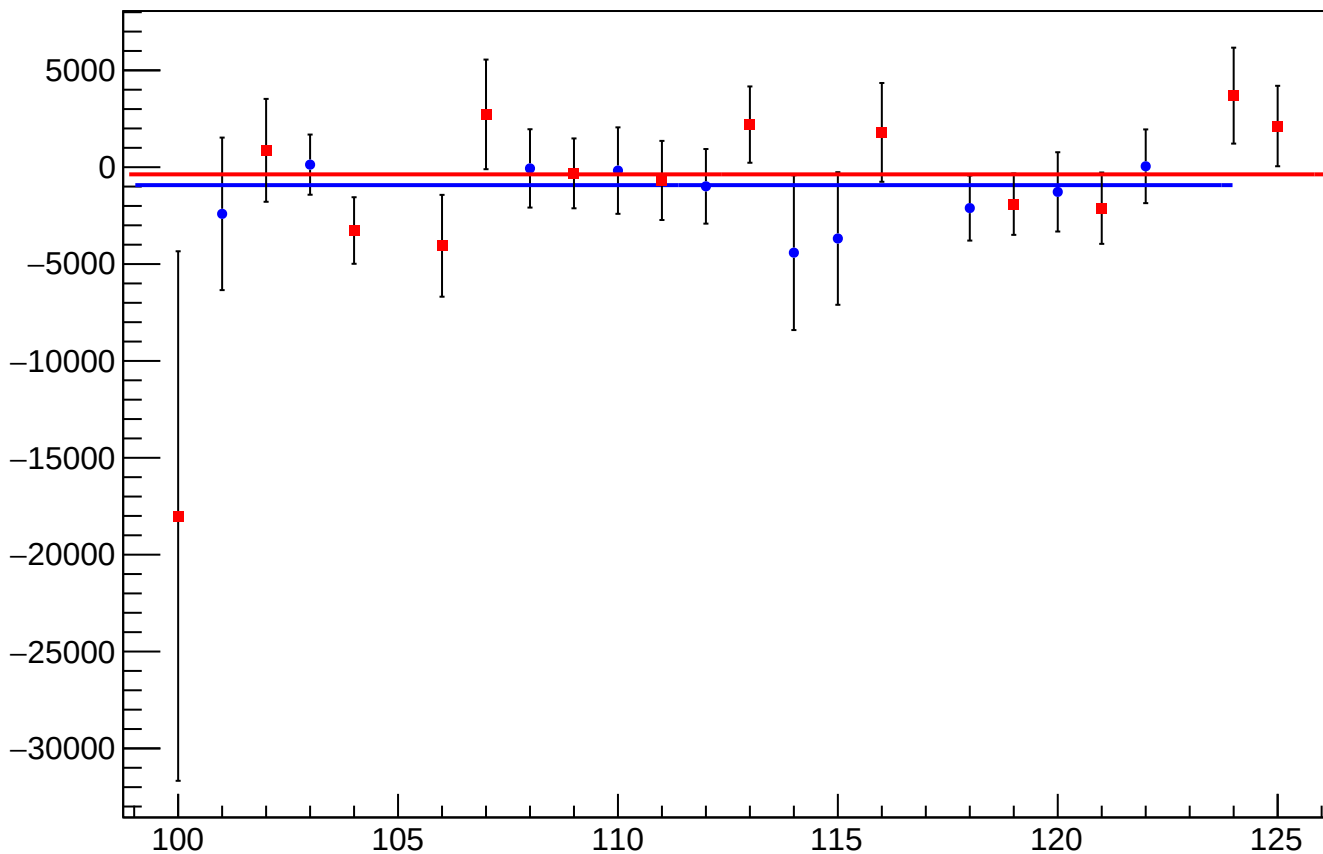
Right: 468.551+/-0.125 χ^2/NDF : 4023588.4/22

In: 489.597+/-0.191 χ^2/NDF : 1566355.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 468.551+/-0.125 χ^2/NDF : 4023588.4/22

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: -369.464+/-597.204 χ^2/NDF : 16.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

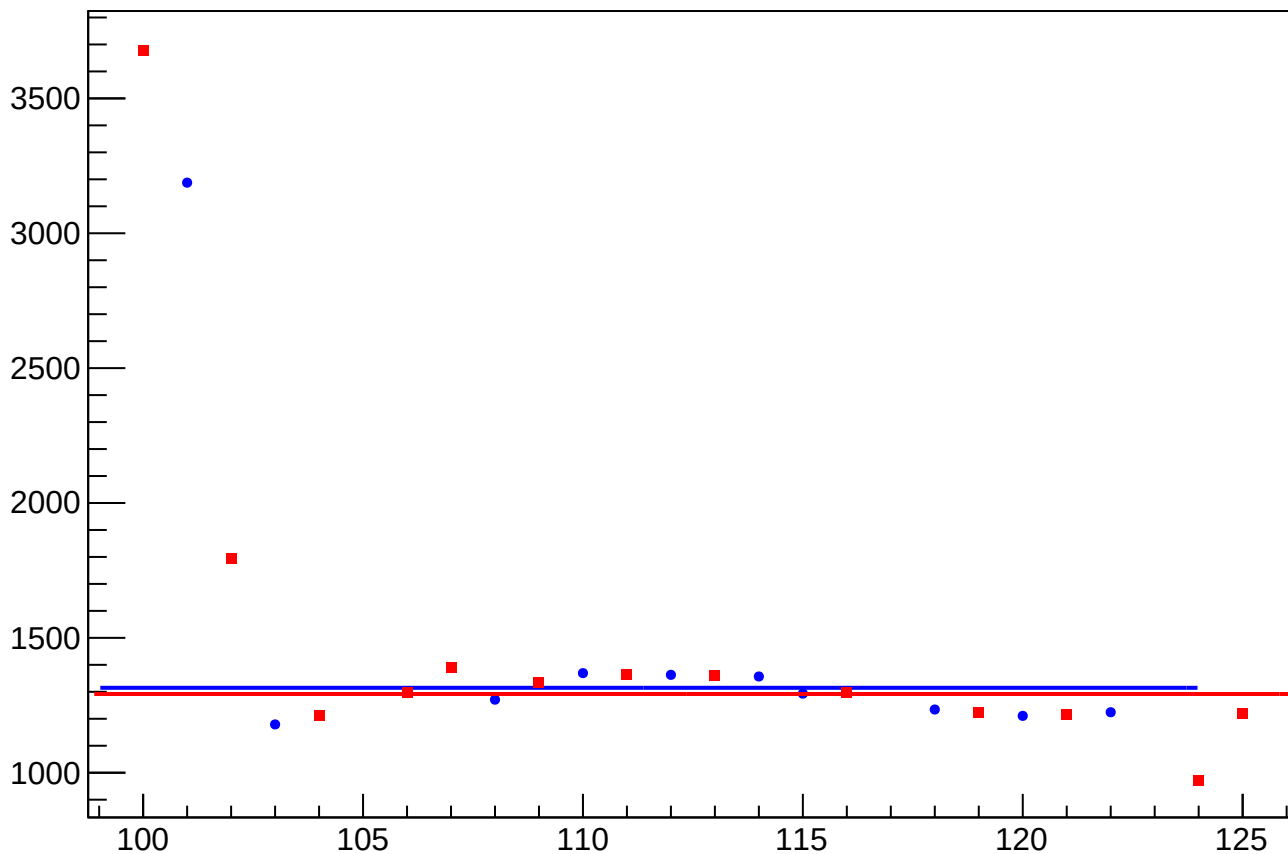
Right: -614.701+/-446.521 χ^2/NDF : 19.8/22

In: -925.600+/-672.419 χ^2/NDF : 3.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -614.701+/-446.521 χ^2/NDF : 19.8/22

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: 1291.843+/-0.422 χ^2/NDF : 188288.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

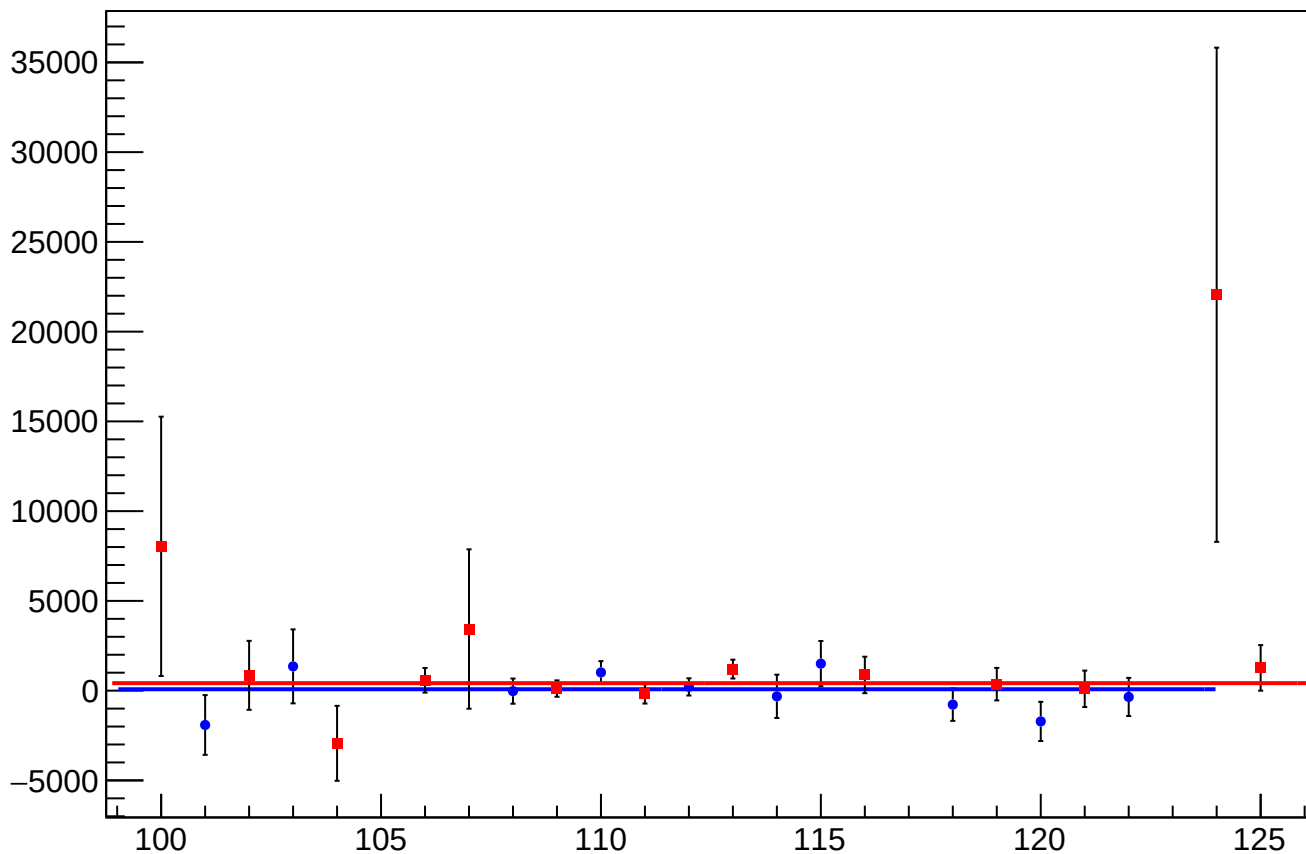
Right: 1301.991+/-0.316 χ^2/NDF : 675639.4/22

In: 1314.856+/-0.475 χ^2/NDF : 486041.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1301.991+/-0.316 χ^2/NDF : 675639.4/22

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: 417.118+/-232.994 χ^2/NDF : 11.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

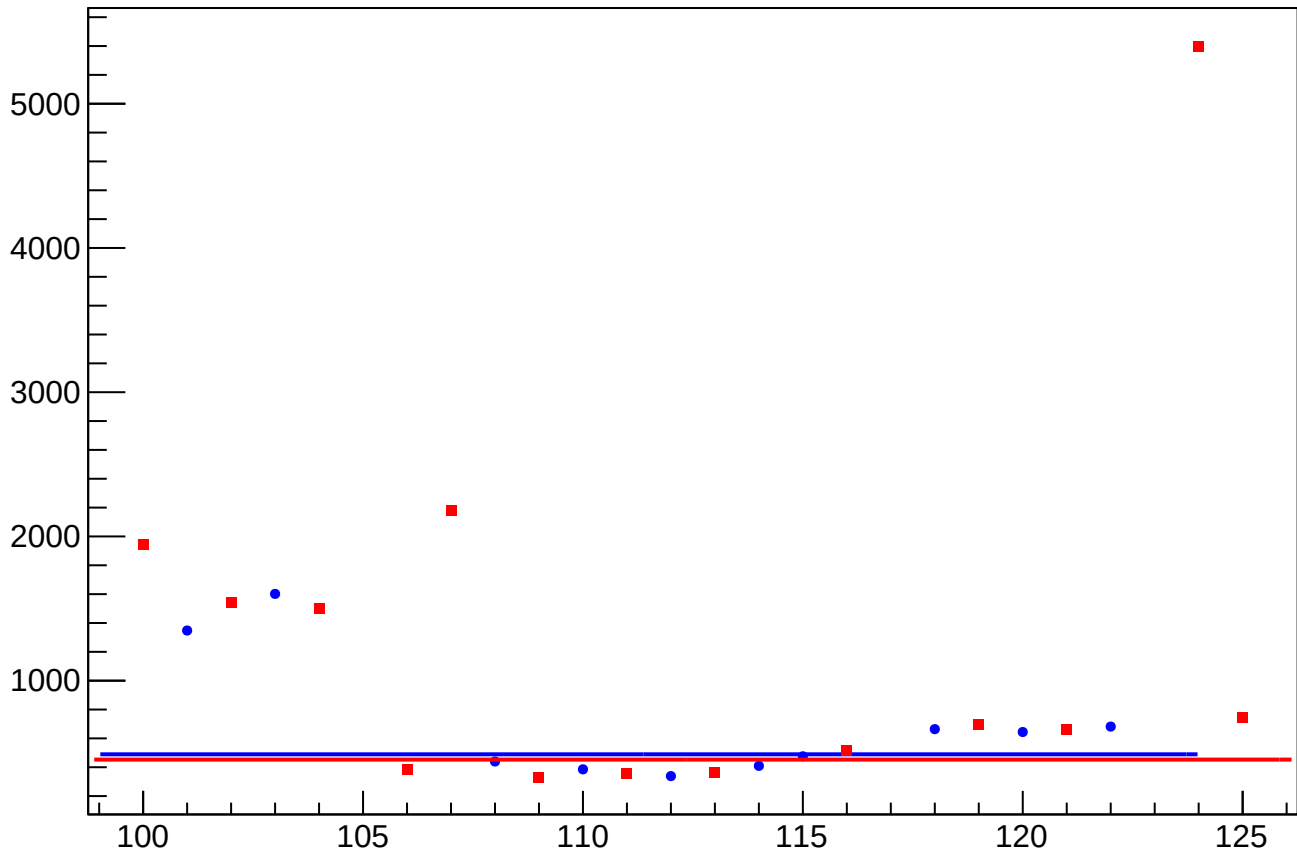
Right: 271.950+/-176.276 χ^2/NDF : 21.6/22

In: 77.627+/-269.570 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 271.950+/-176.276 χ^2/NDF : 21.6/22

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: 452.827+/-0.165 χ^2/NDF : 2435943.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

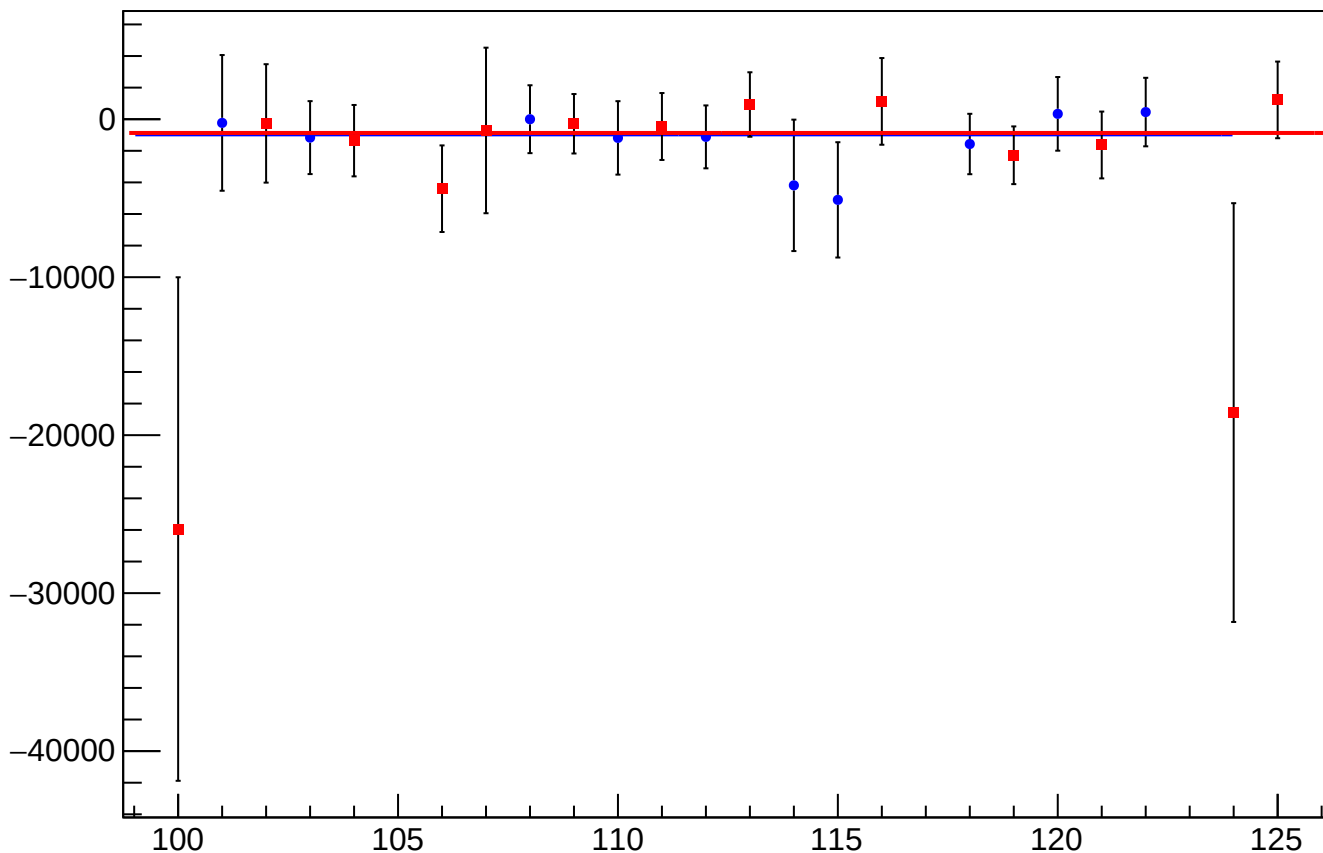
Right: 468.549+/-0.125 χ^2/NDF : 4023600.7/22

In: 489.595+/-0.191 χ^2/NDF :1566360.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 468.549+/-0.125 χ^2/NDF : 4023600.7/22

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: -870.154+/-704.032 χ^2/NDF : 8.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

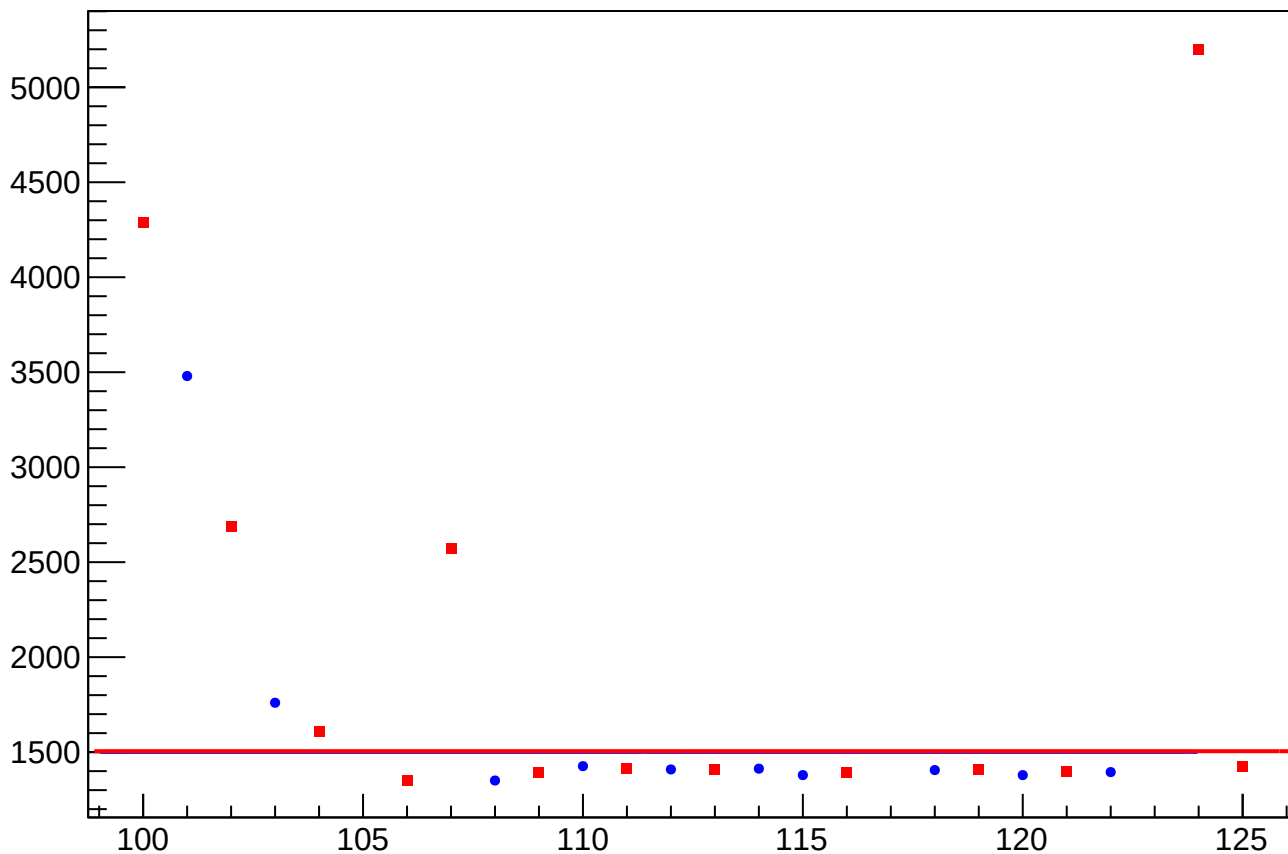
Right: -910.451+/-518.735 χ^2/NDF : 11.9/22

In: -958.309+/-767.241 χ^2/NDF : 3.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -910.451+/-518.735 χ^2/NDF : 11.9/22

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: 1504.895+/-0.498 χ^2/NDF : 539624.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

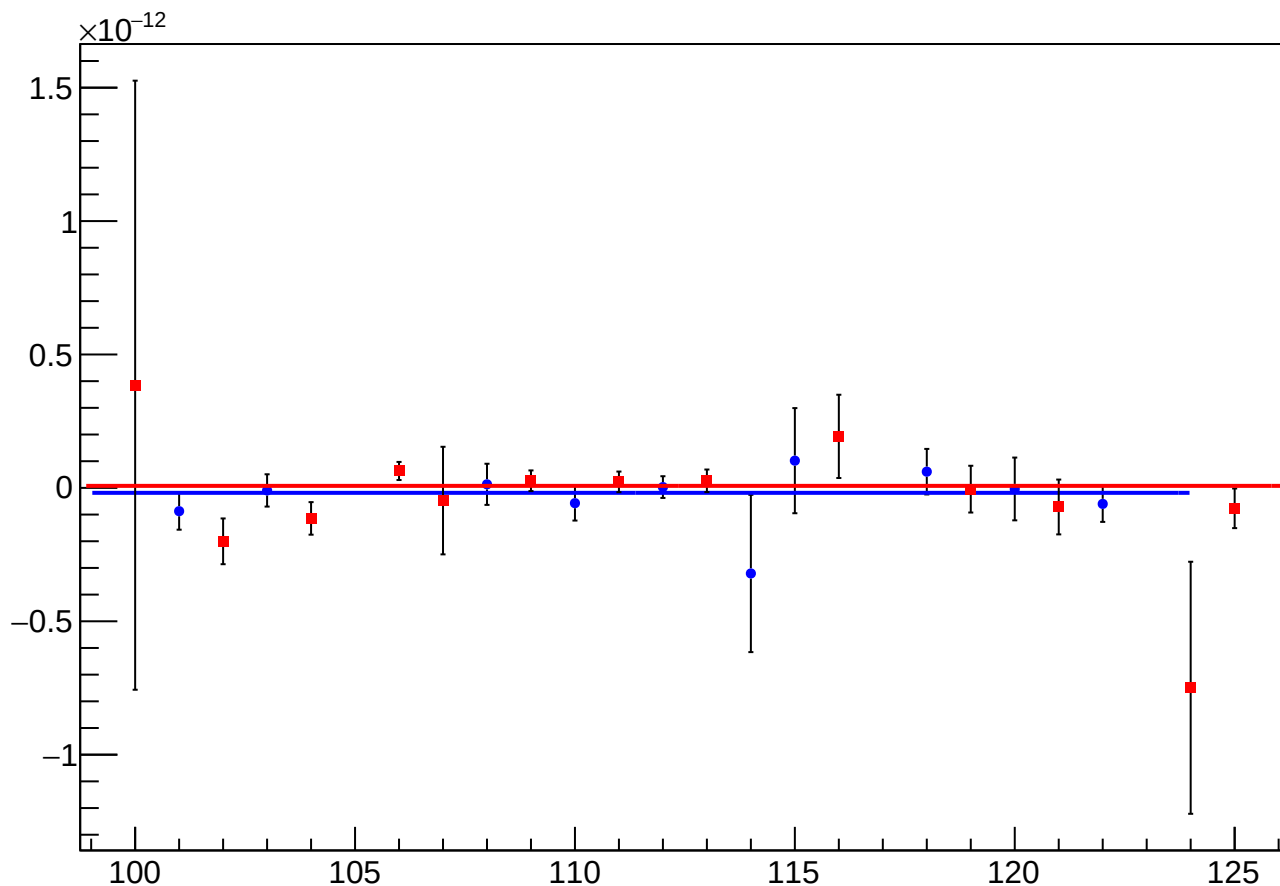
Right: 1503.356+/-0.367 χ^2/NDF : 1023756.7/22

In: 1501.528+/-0.543 χ^2/NDF : 484111.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1503.356+/-0.367 χ^2/NDF : 1023756.7/22

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: 19.2/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

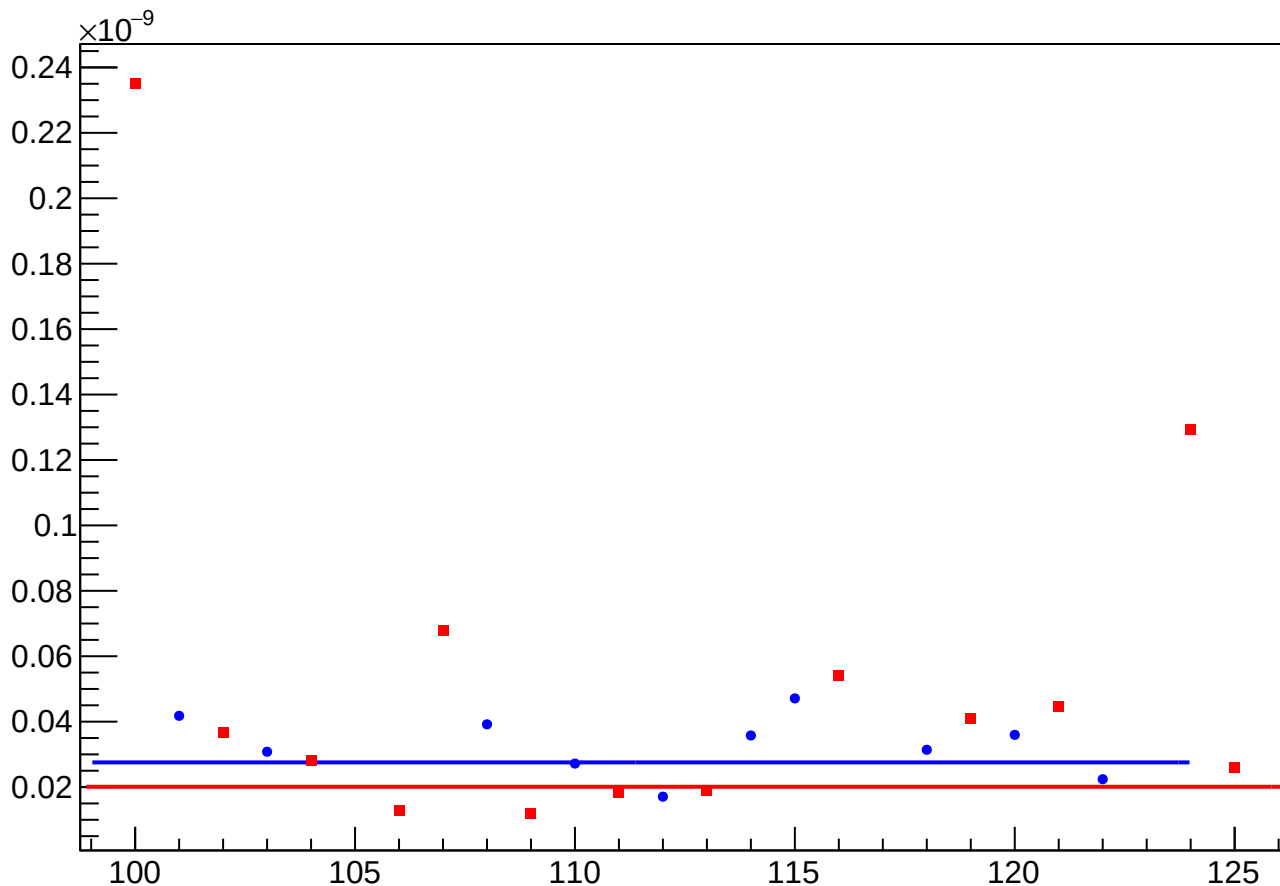
Right: -0.000+/-0.000 χ^2 /NDF: 24.6/22

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: 24.6/22

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 : 924877.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

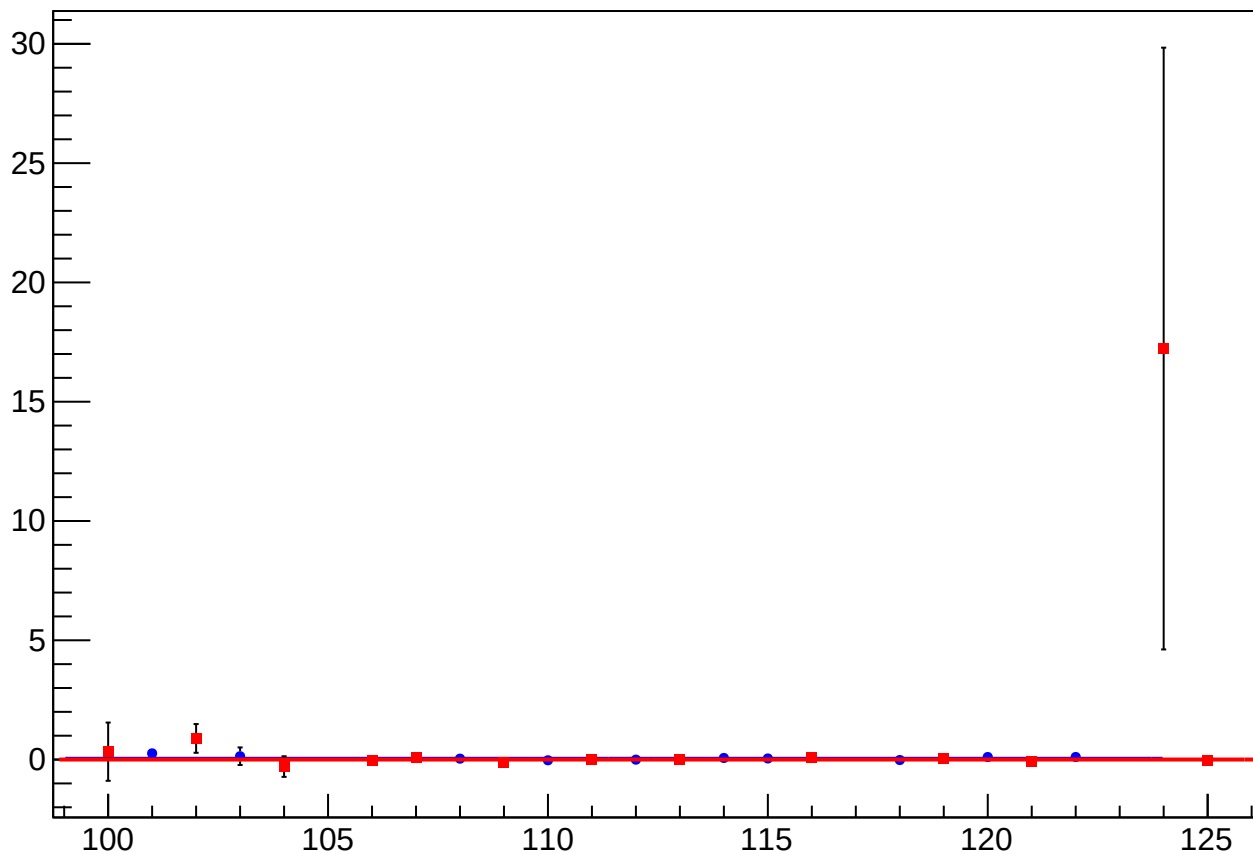
Right: 0.000+/-0.000 χ^2/NDF : 1381046.5/22

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 : 1381046.5/22

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: 0.002+/-0.021 χ^2/NDF : 13.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

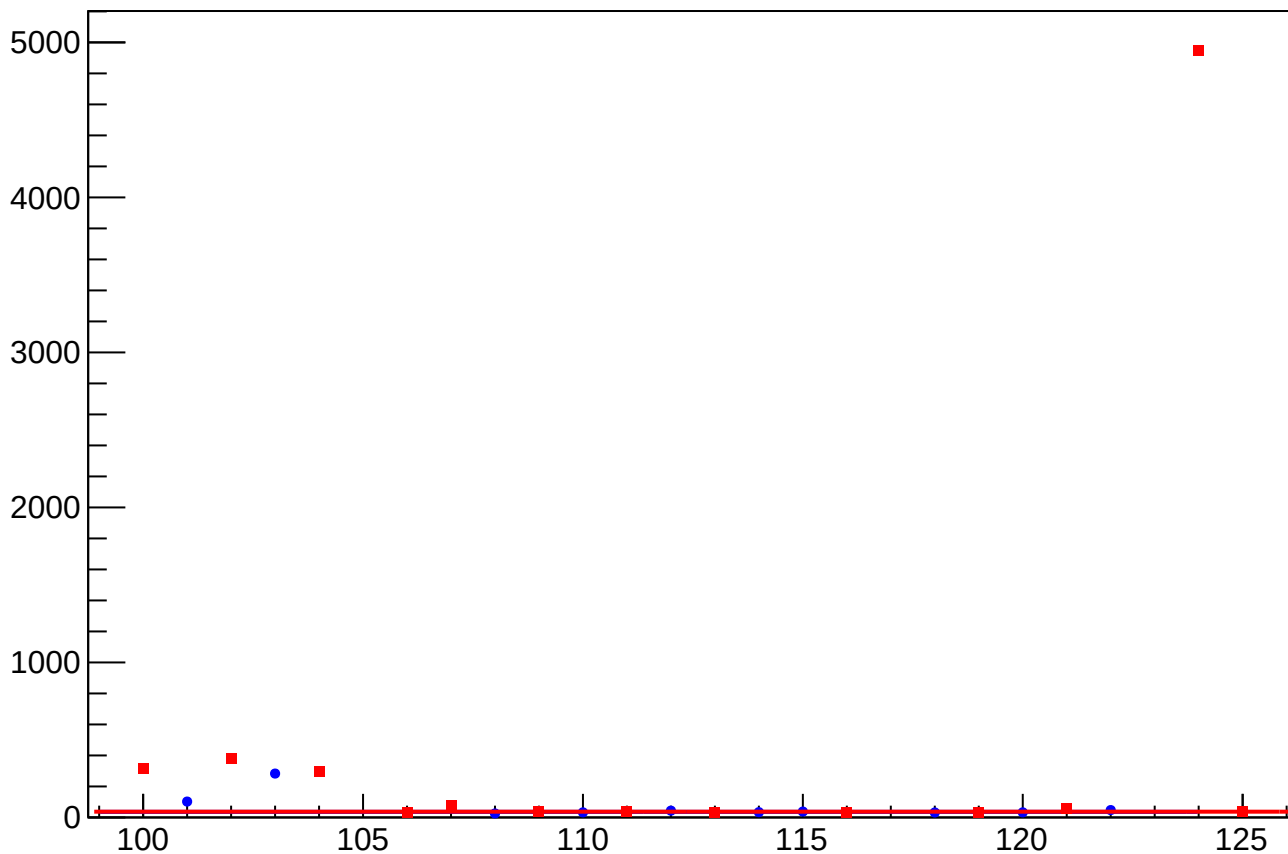
Right: 0.017+/-0.015 χ^2/NDF : 22.4/22

In: 0.033+/-0.021 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.015 χ^2/NDF : 22.4/22

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.988+/-0.015 χ^2/NDF : 1588857.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.271+/-0.015 χ^2/NDF : 2060908.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

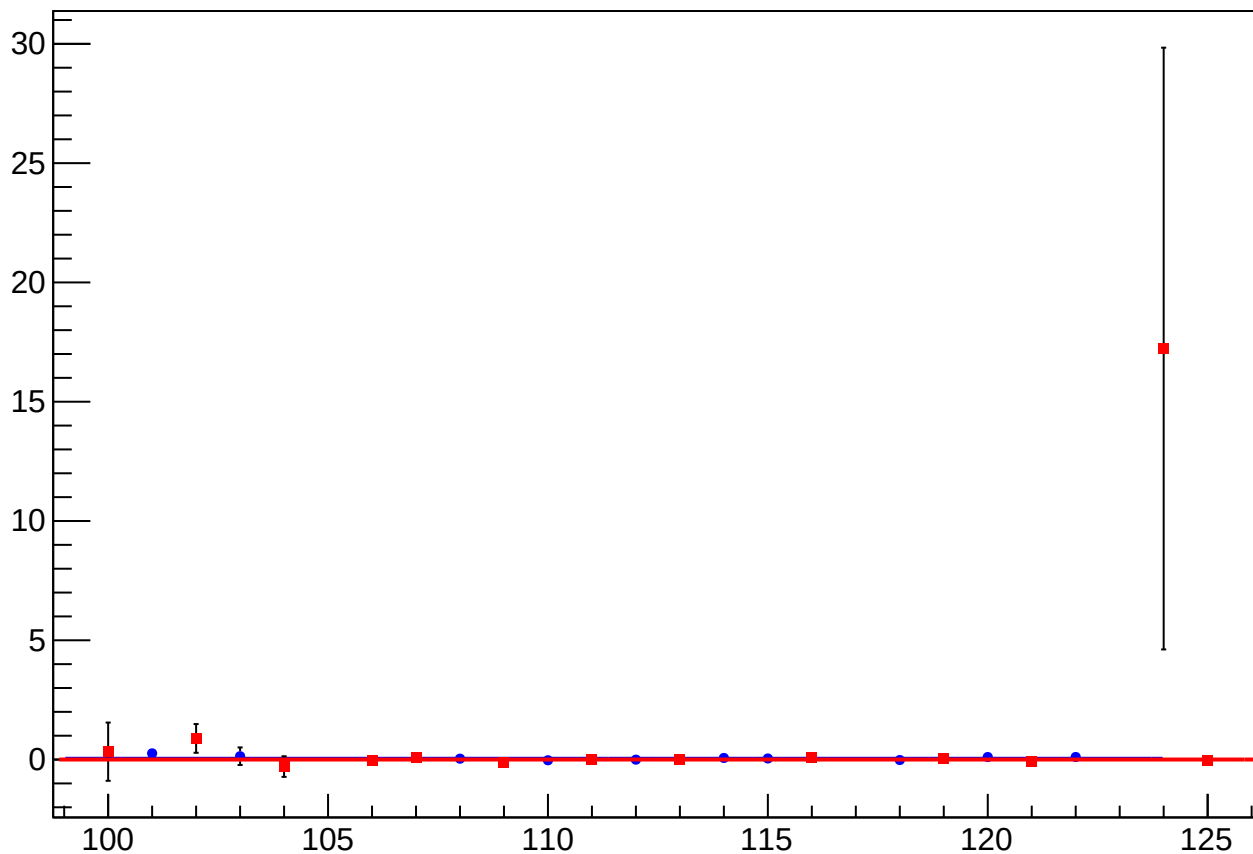
Right: 36.639+/-0.010 χ^2/NDF : 3653566.9/22

In: 35.988+/-0.015 χ^2/NDF : 1588857.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.639+/-0.010 χ^2/NDF : 3653566.9/22

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: 0.002+/-0.021 χ^2/NDF : 13.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

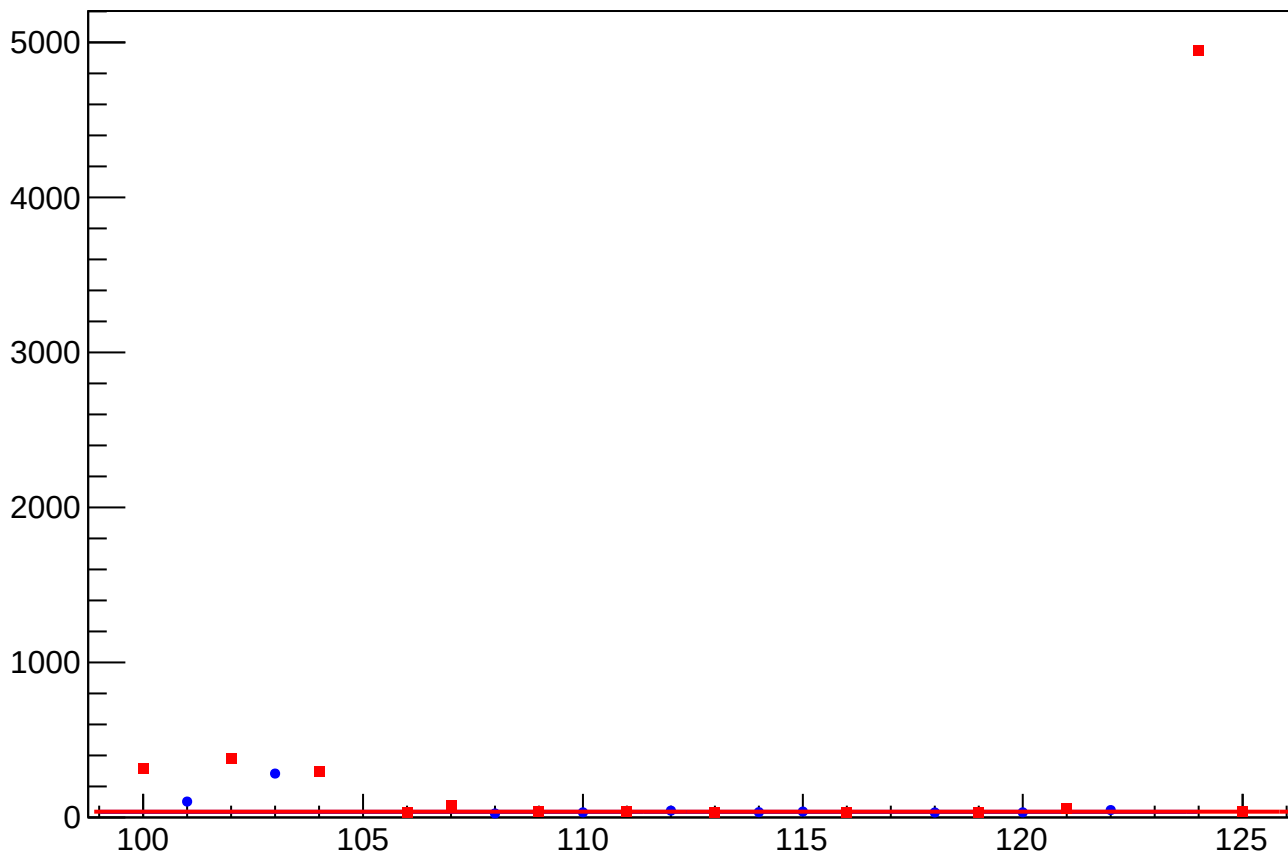
Right: 0.017+/-0.015 χ^2/NDF : 22.4/22

In: 0.033+/-0.021 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.015 χ^2/NDF : 22.4/22

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.988 $\pm$ 0.015 χ^2 /NDF: 1588857.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 37.271 $\pm$ 0.015 χ^2 /NDF: 2060908.5/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

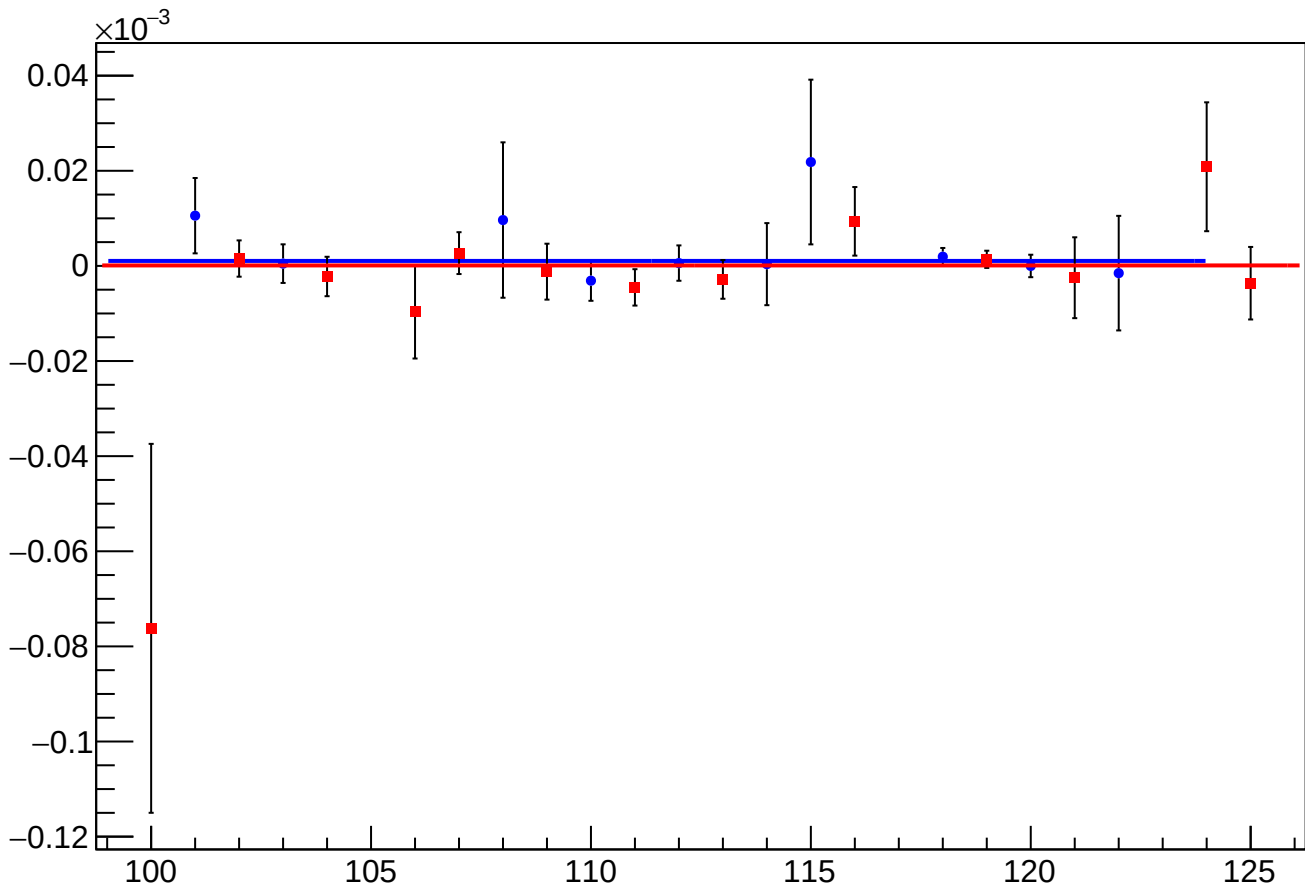
Right: 36.639 $\pm$ 0.010 χ^2 /NDF: 3653566.9/22

In: 35.988 $\pm$ 0.015 χ^2 /NDF: 1588857.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.639 $\pm$ 0.010 χ^2 /NDF: 3653566.9/22

asym_atl_avg_atr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

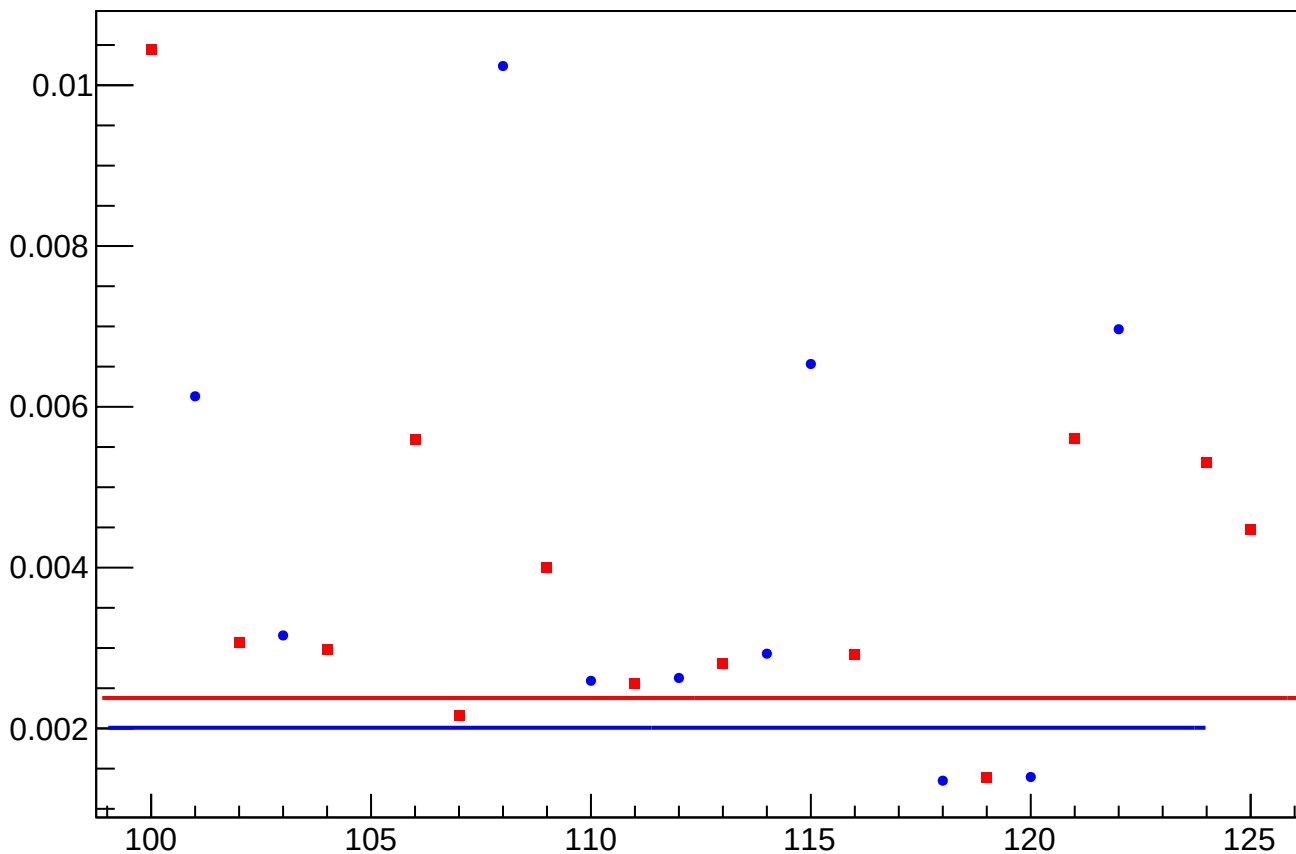
Right: 0.000+/-0.000 χ^2/NDF : 17.5/22

In: 0.000+/-0.000 χ^2/NDF : 4.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.5/22

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 : 1733525.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

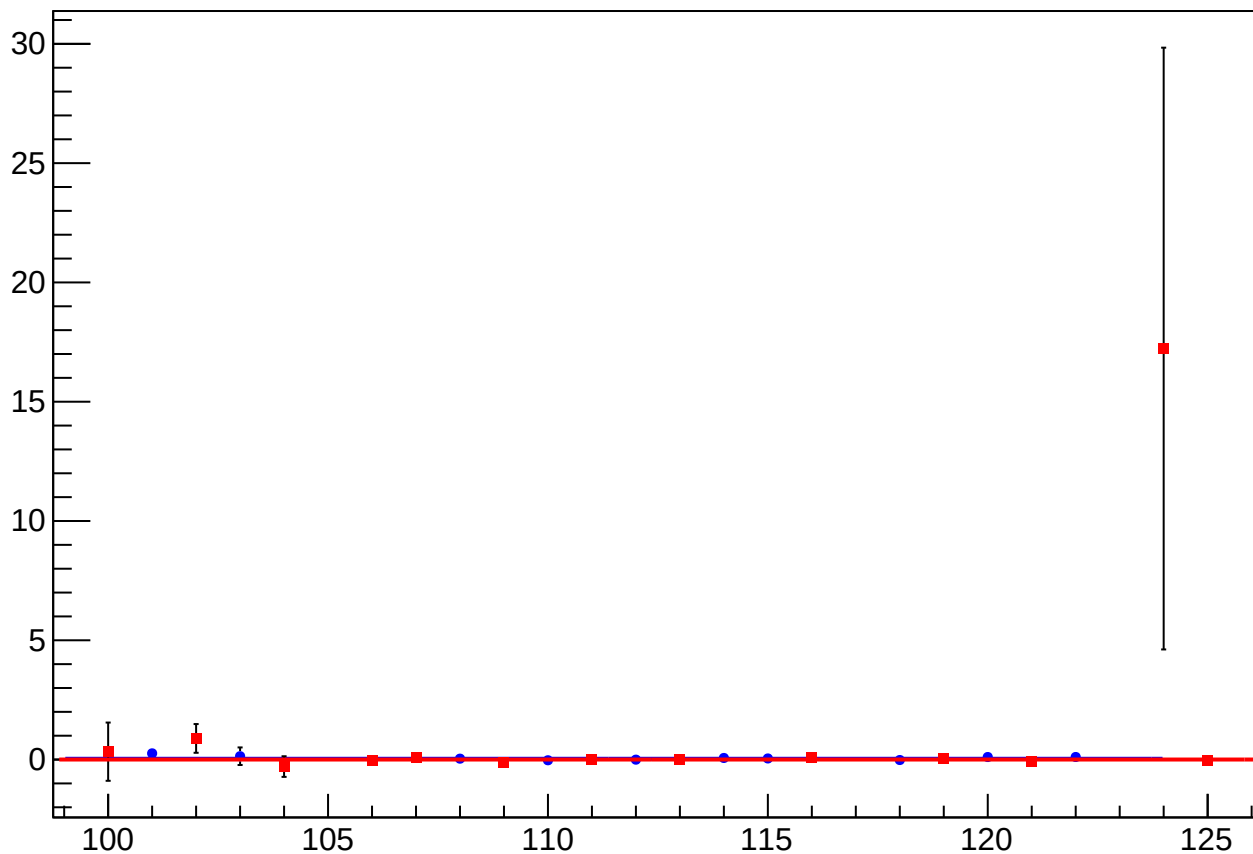
Right: 0.002+/-0.000 χ^2/NDF : 4023405.8/22

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 : 4023405.8/22

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: 0.002+/-0.021 χ^2/NDF : 13.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

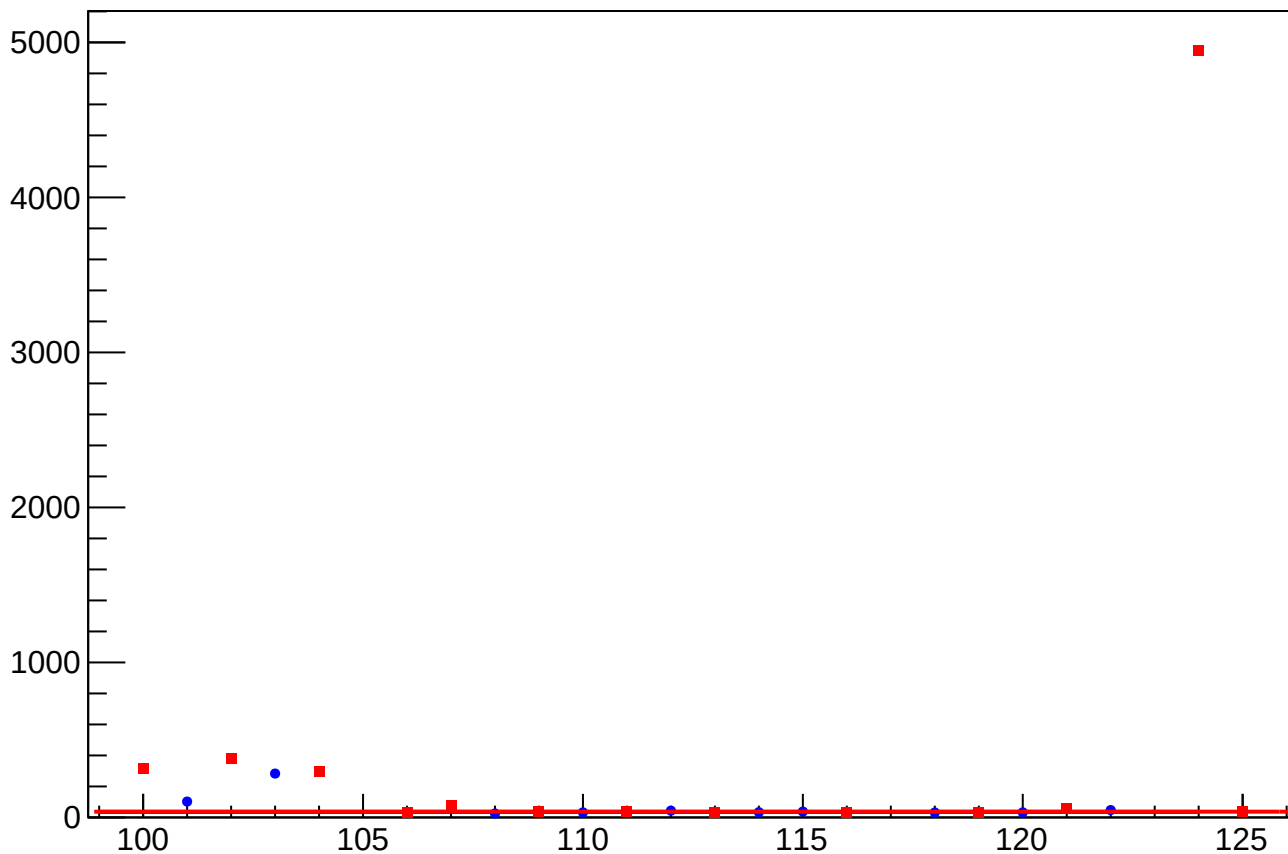
Right: 0.017+/-0.015 χ^2/NDF : 22.4/22

In: 0.033+/-0.021 χ^2/NDF : 8.3/9

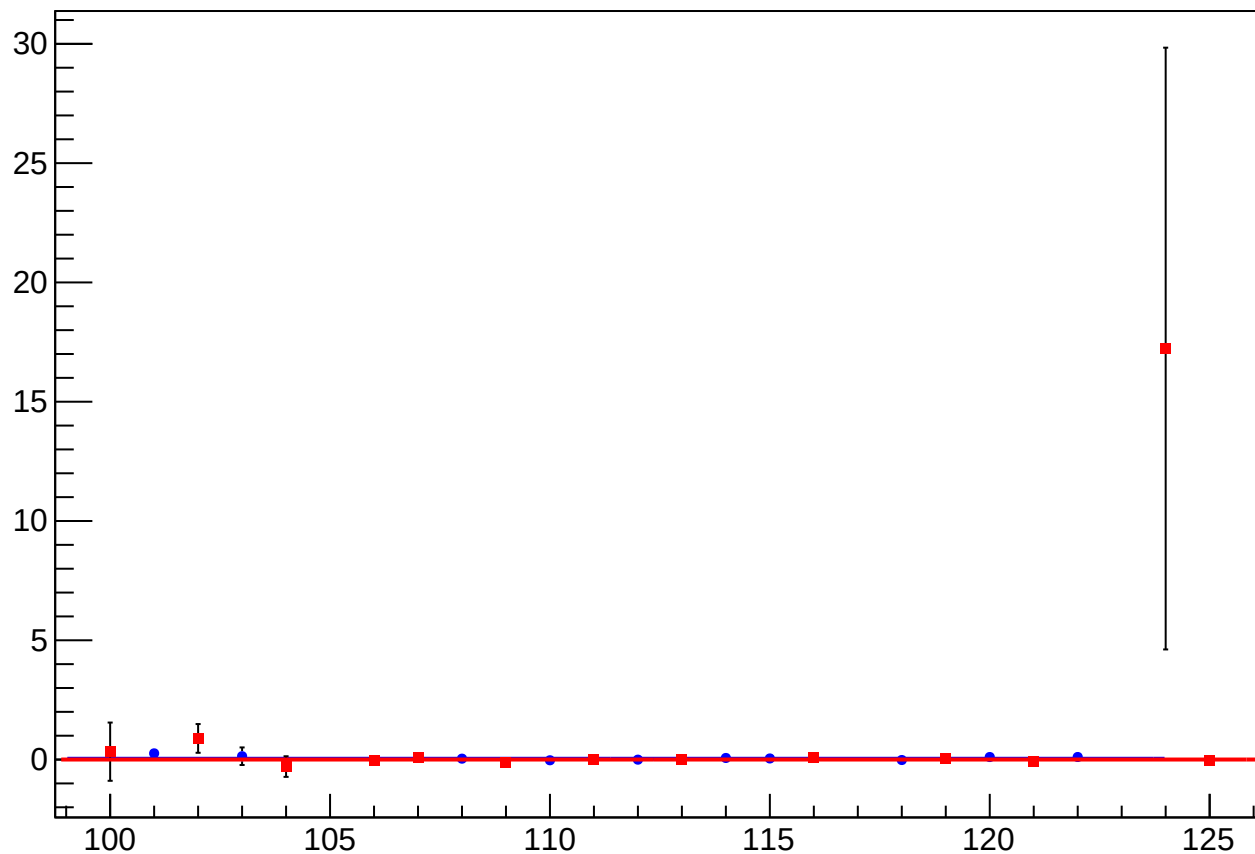
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.015 χ^2/NDF : 22.4/22

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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: 0.002+/-0.021 χ^2/NDF : 13.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

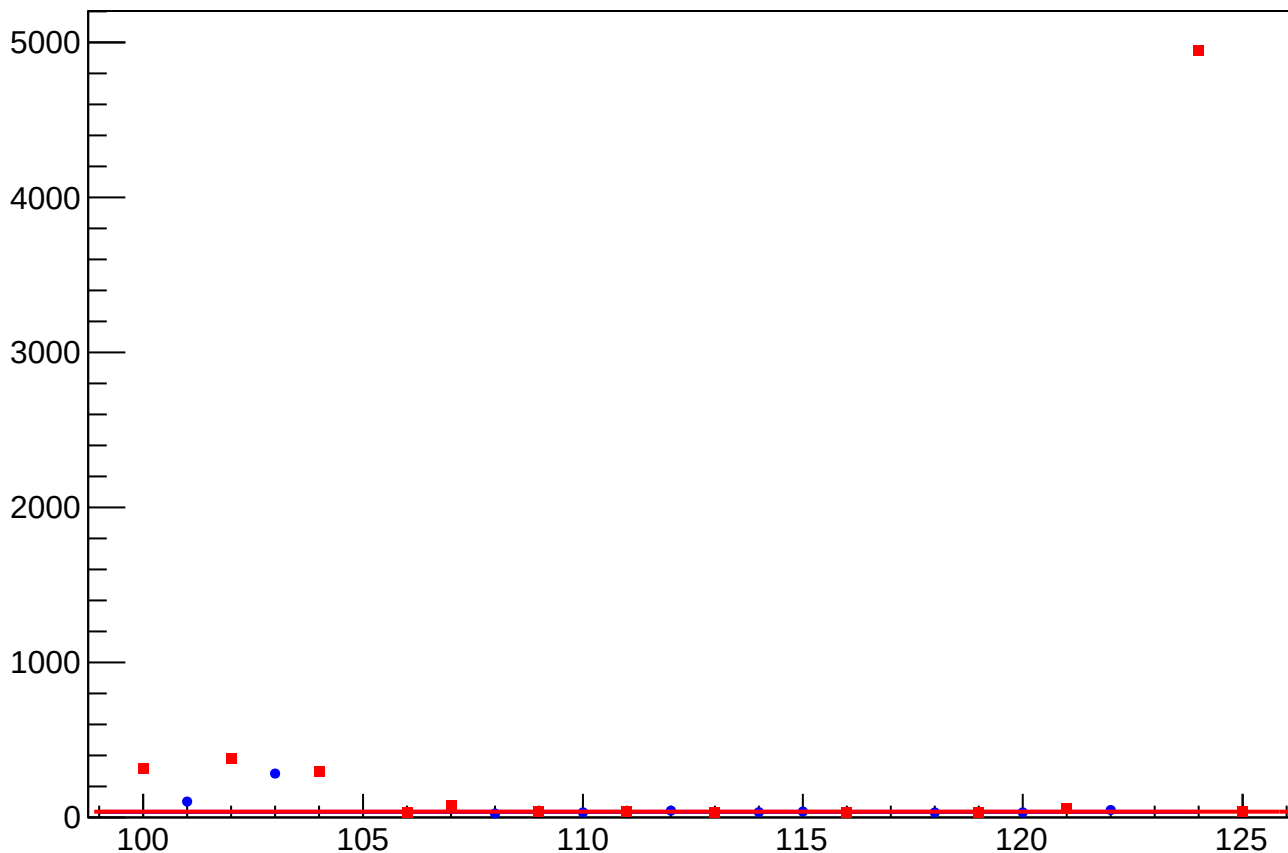
Right: 0.017+/-0.015 χ^2/NDF : 22.4/22

In: 0.033+/-0.021 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.015 χ^2/NDF : 22.4/22

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: 37.271+/-0.015 χ^2/NDF : 2060908.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

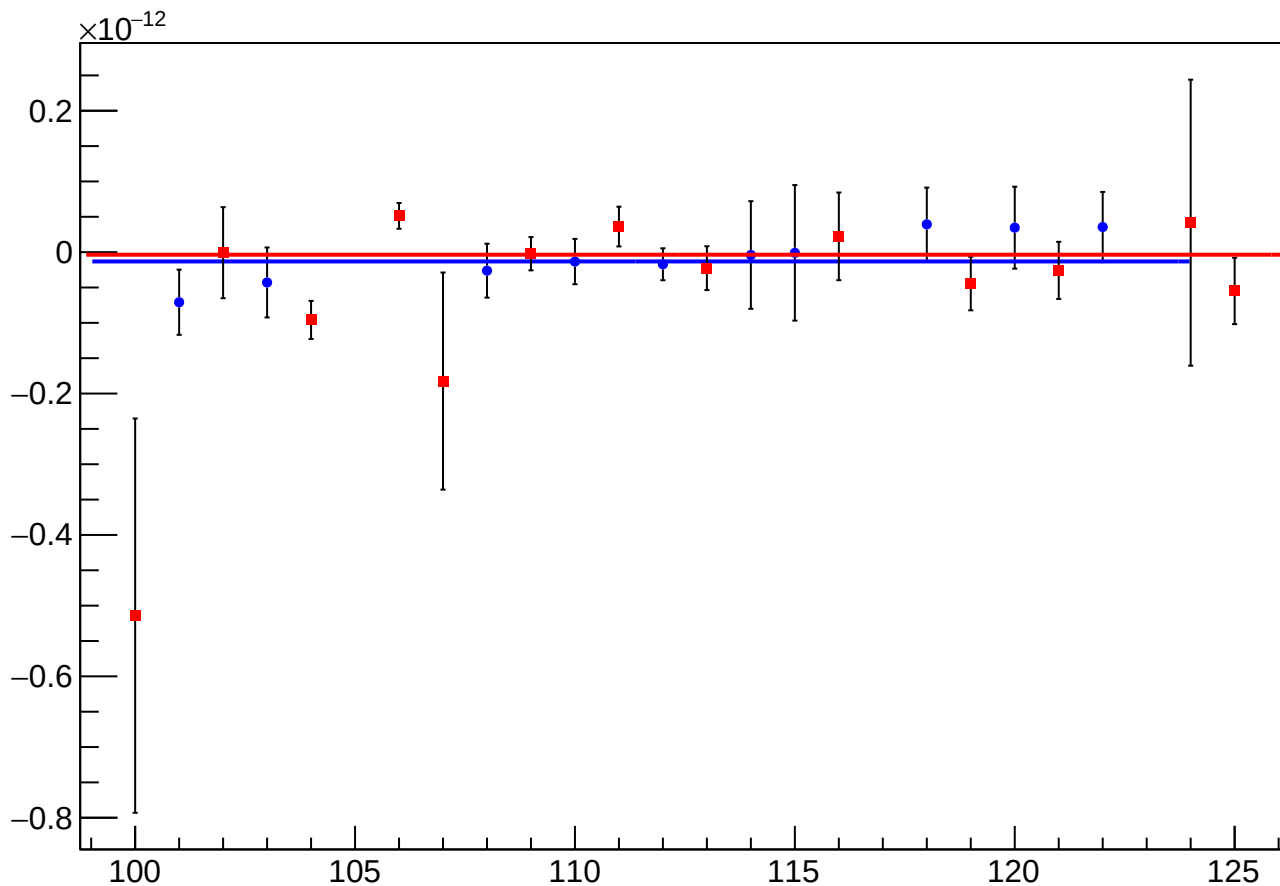
Right: 36.640+/-0.010 χ^2/NDF : 3653486.6/22

In: 35.989+/-0.015 χ^2/NDF : 1588782.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.640+/-0.010 χ^2/NDF : 3653486.6/22

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 : 30.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

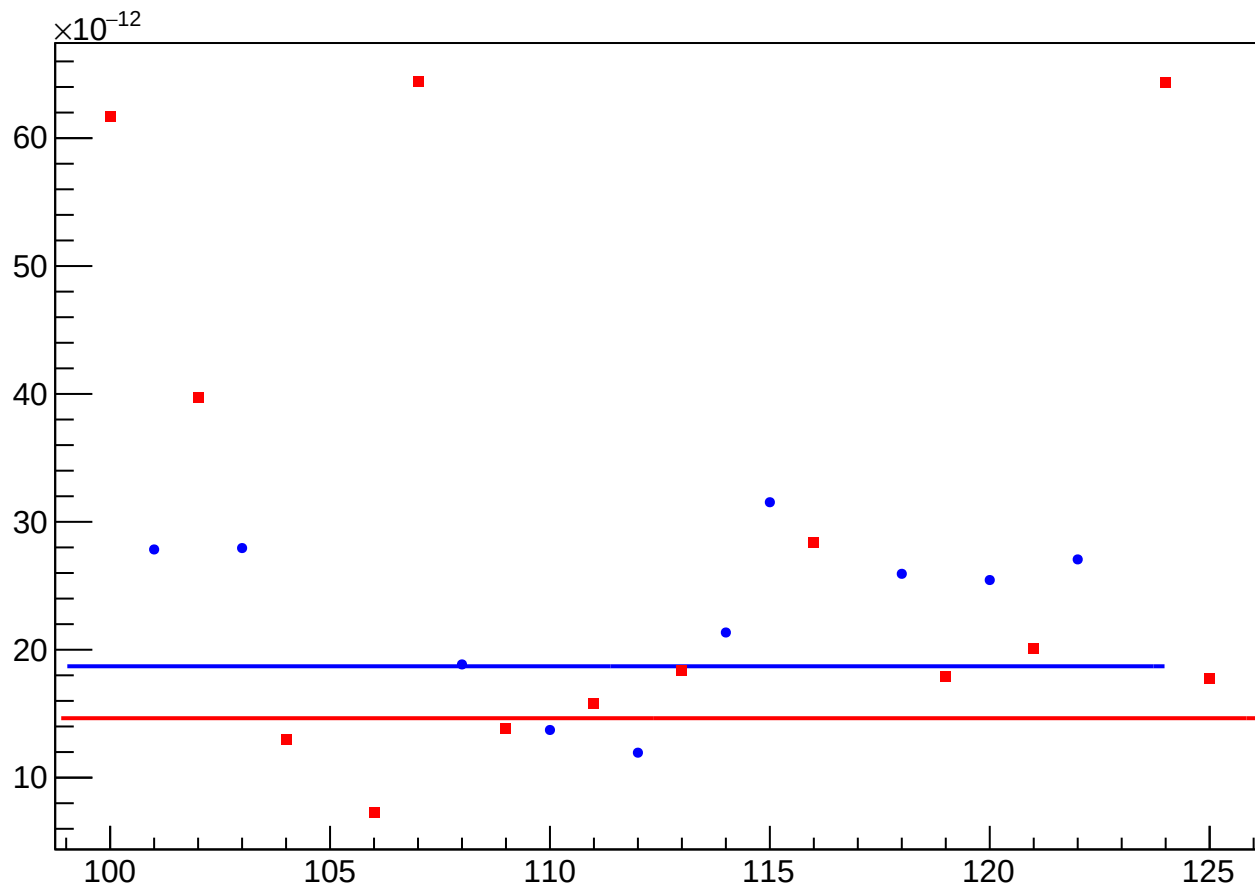
Right: -0.000+/-0.000 χ^2/NDF : 35.9/22

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 : 35.9/22

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 : 1220911.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

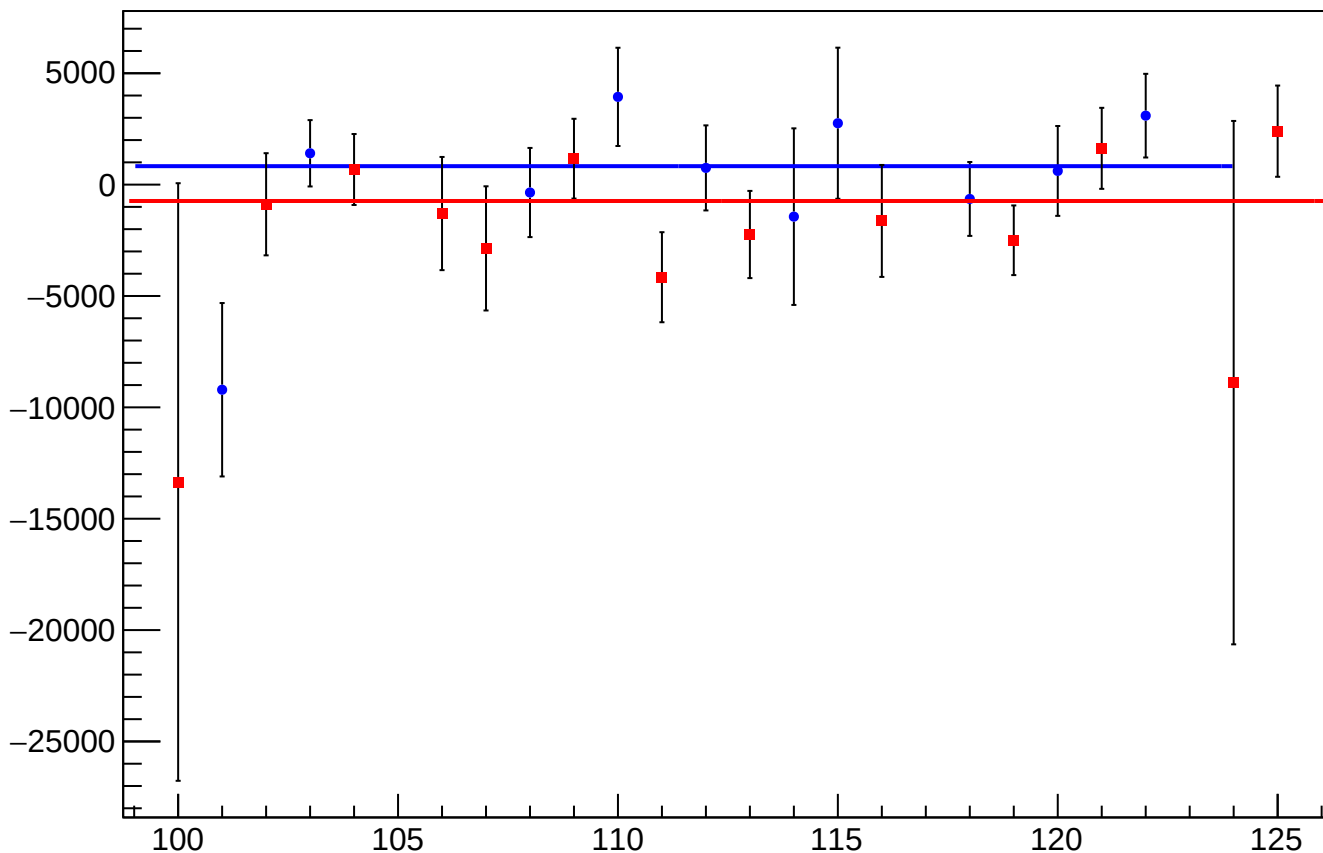
Right: 0.000+/-0.000 χ^2/NDF : 1882619.6/22

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 : 1882619.6/22

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: -735.069+/-596.945 χ^2/NDF : 12.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

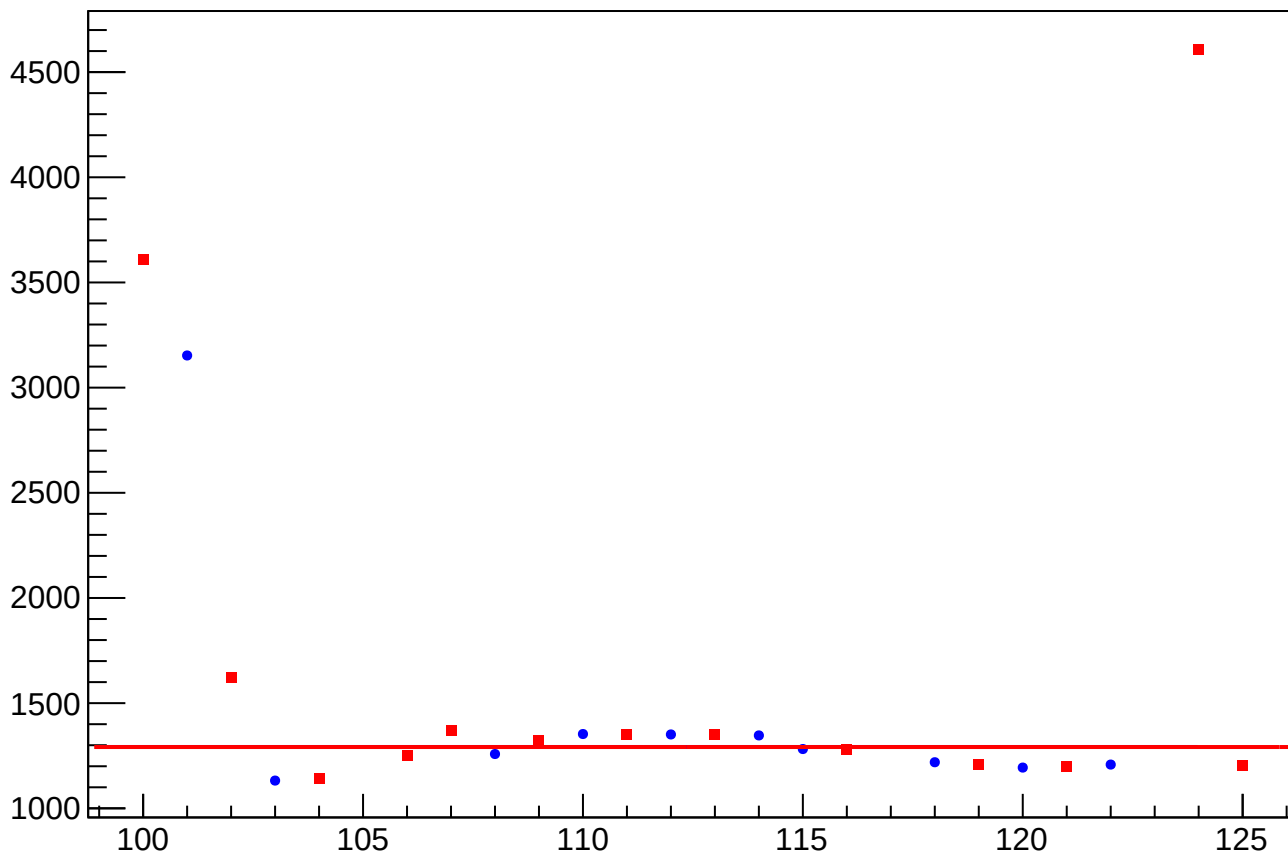
Right: -32.522+/-442.993 χ^2/NDF : 27.9/22

In: 828.625+/-660.899 χ^2/NDF :12.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -32.522+/-442.993 χ^2/NDF : 27.9/22

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: 1291.439+/-0.422 χ^2/NDF : 300061.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

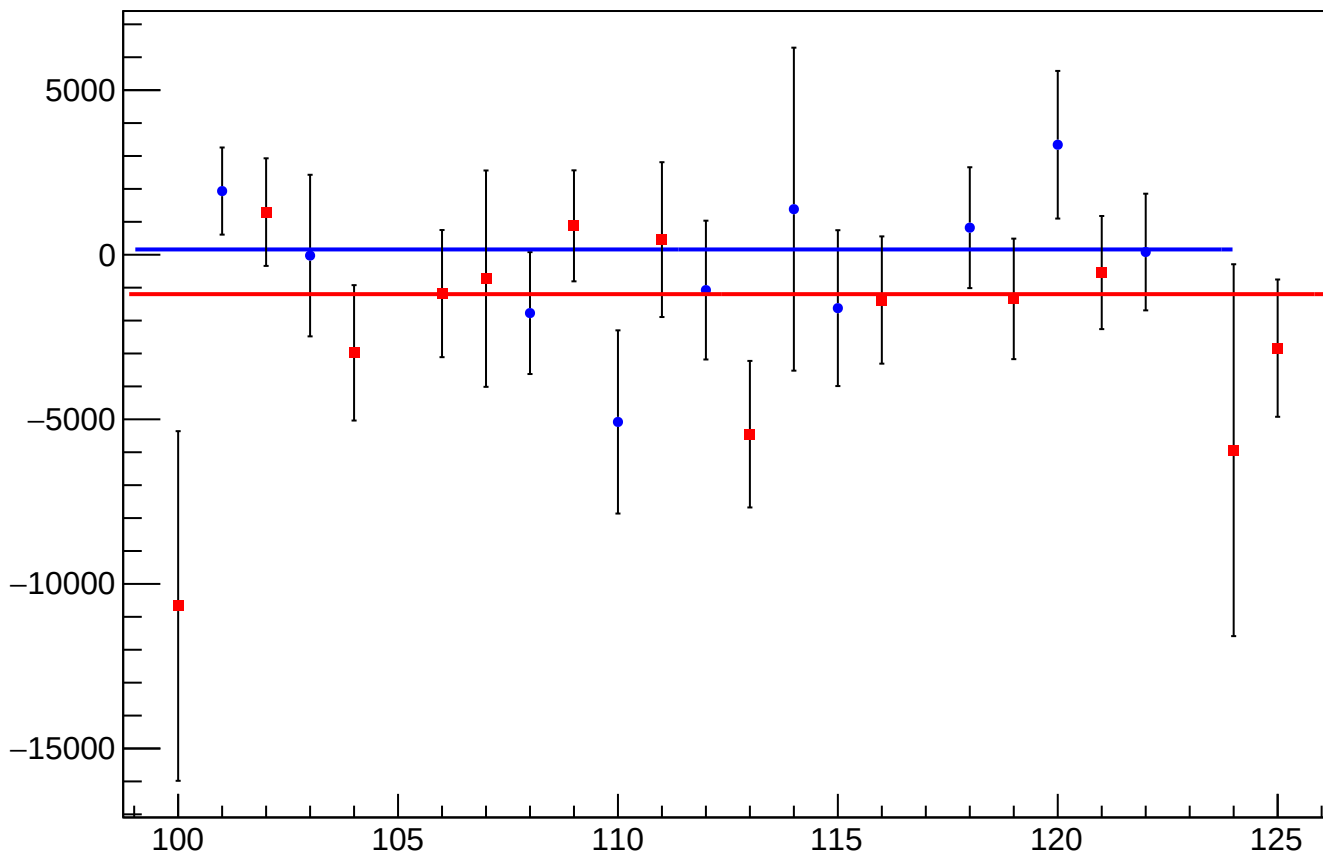
Right: 1291.525+/-0.313 χ^2/NDF : 797158.1/22

In: 1291.630+/-0.467 χ^2/NDF : 497096.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.525+/-0.313 χ^2/NDF : 797158.1/22

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: -1197.120+/-586.494 χ^2/NDF : 13.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

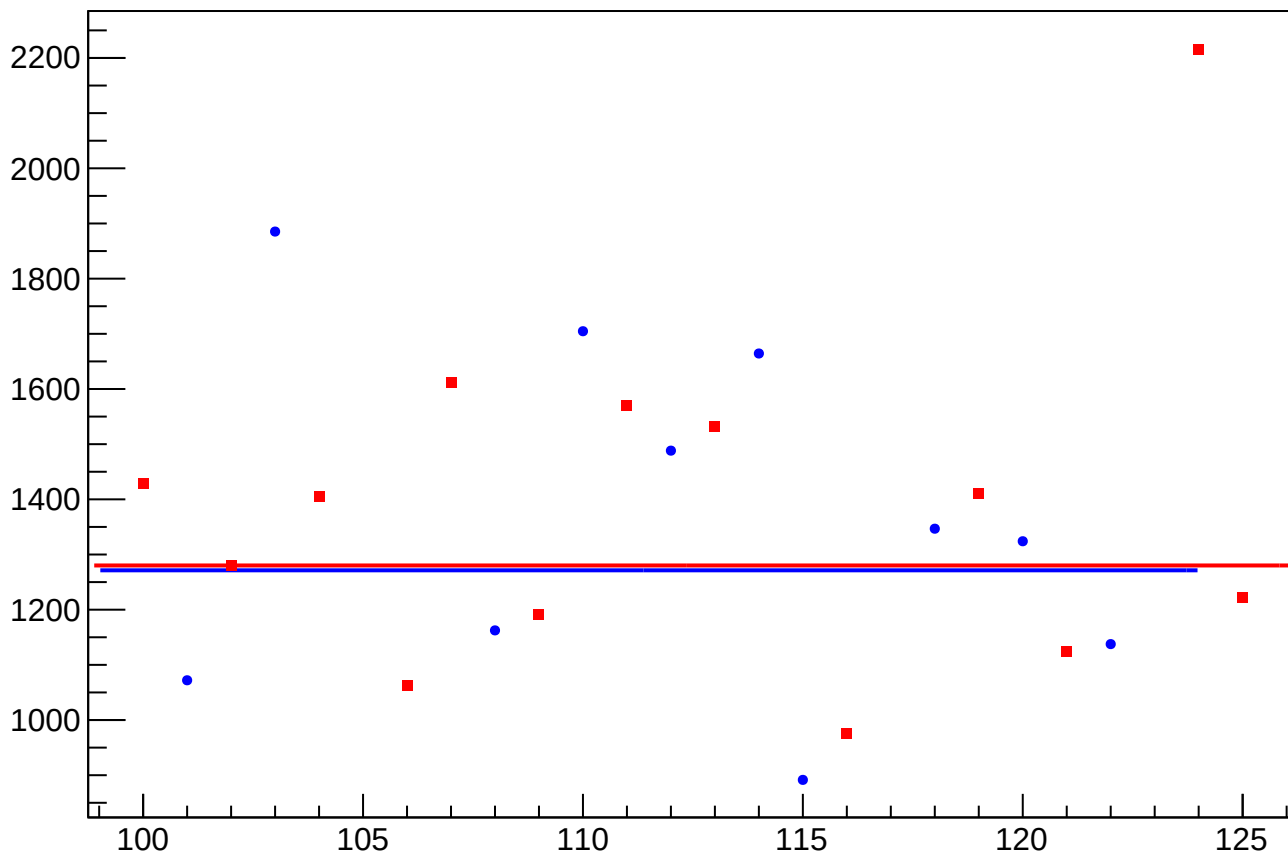
Right: -580.804+/-433.402 χ^2/NDF : 25.4/22

In: 160.636+/-643.280 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -580.804+/-433.402 χ^2/NDF : 25.4/22

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: 1280.153+/-0.415 χ^2/NDF : 248898.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

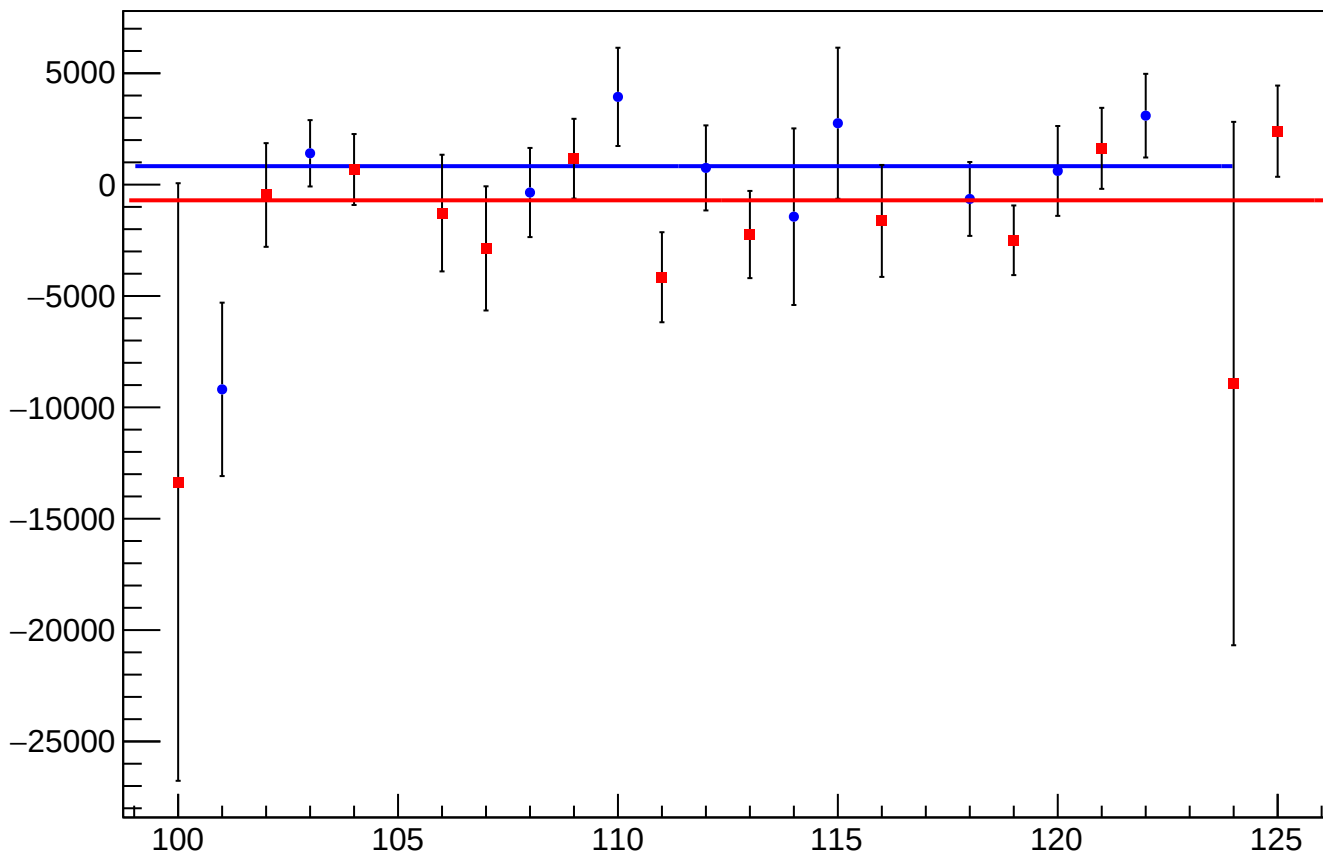
Right: 1276.160+/-0.306 χ^2/NDF : 576370.3/22

In: 1271.356+/-0.455 χ^2/NDF : 327267.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1276.160+/-0.306 χ^2/NDF : 576370.3/22

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: -704.555+/-598.514 χ^2/NDF : 12.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

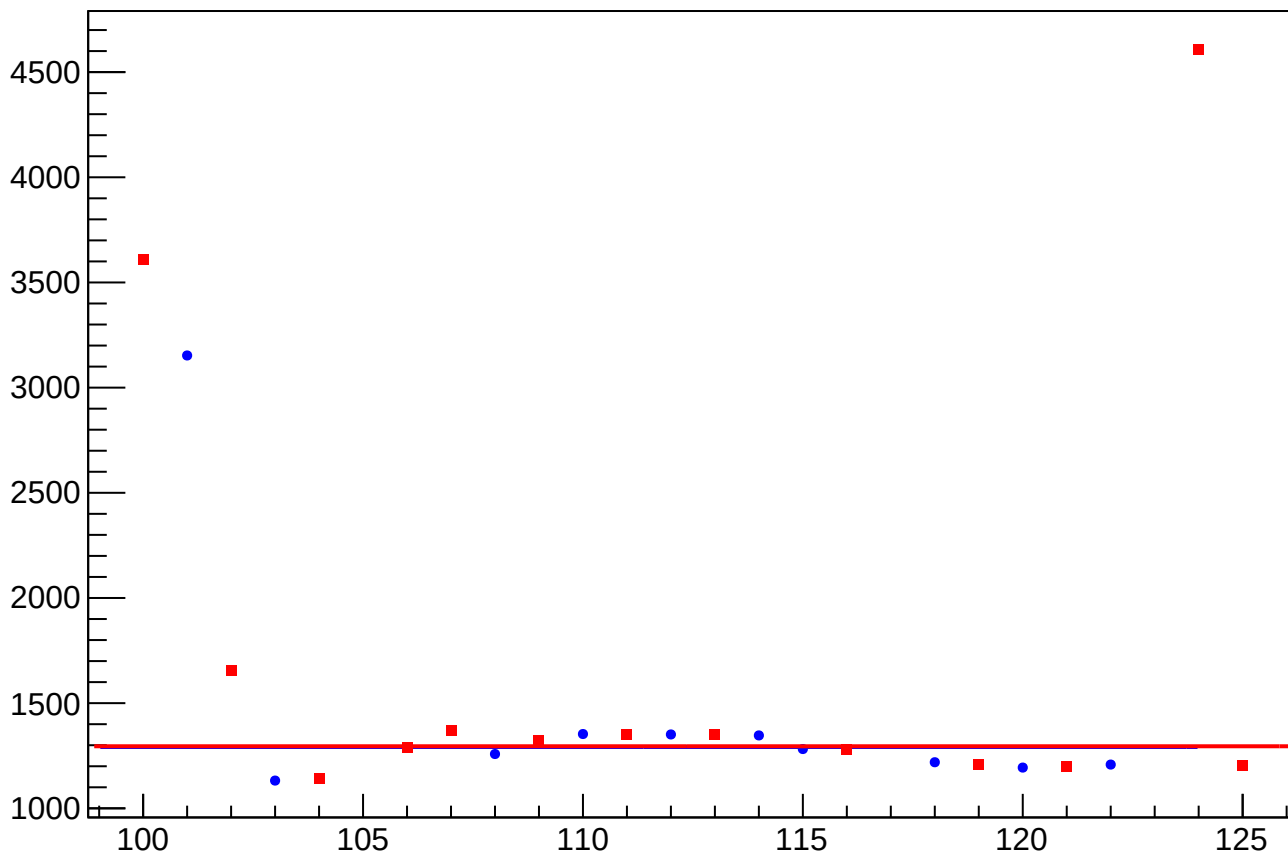
Right: -13.490+/-443.633 χ^2/NDF : 27.8/22

In: 829.147+/-660.899 χ^2/NDF :12.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -13.490+/-443.633 χ^2/NDF : 27.8/22

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: 1295.026+/-0.423 χ^2/NDF : 306330.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

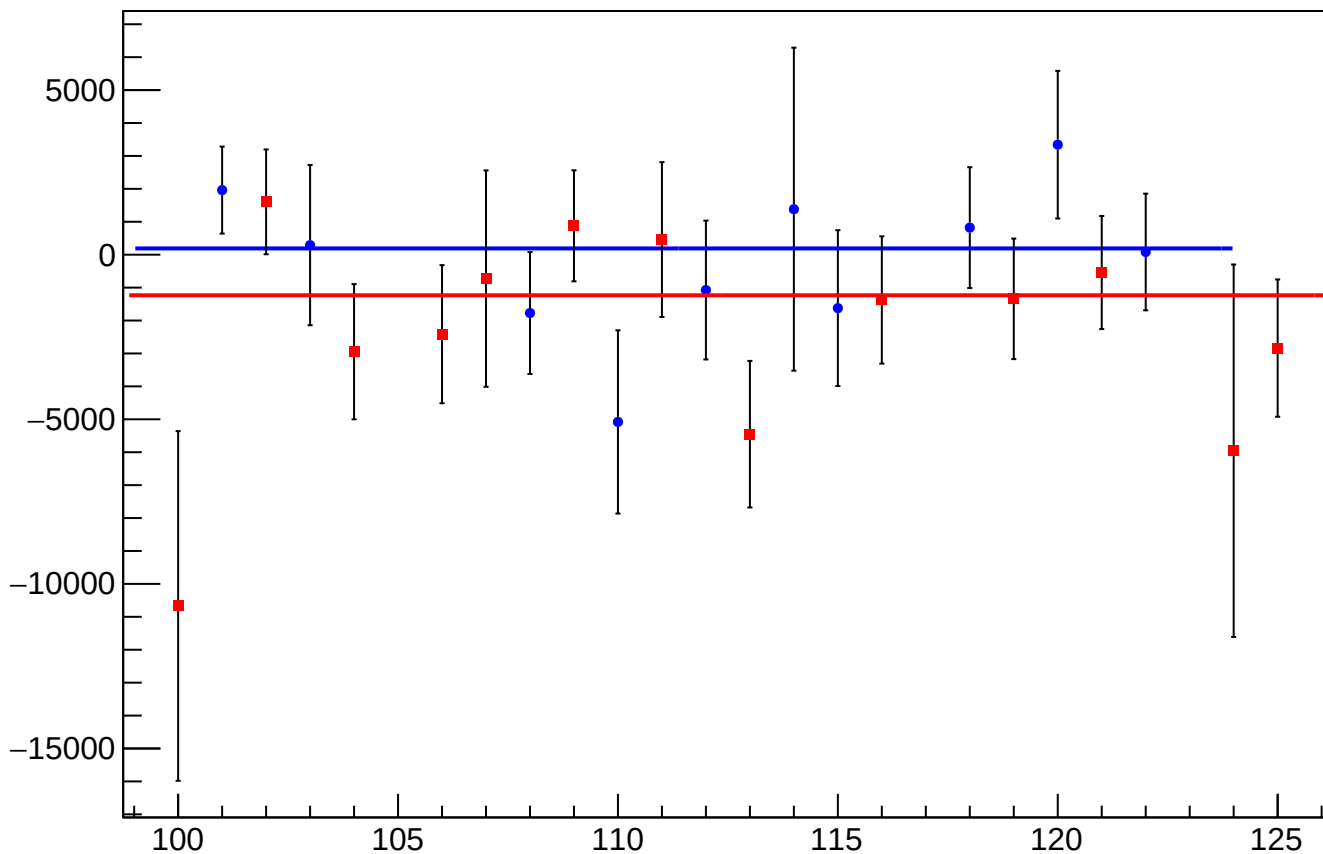
Right: 1293.496+/-0.314 χ^2/NDF : 803457.2/22

In: 1291.630+/-0.467 χ^2/NDF : 497097.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1293.496+/-0.314 χ^2/NDF : 803457.2/22

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: -1232.732+/-588.527 χ^2/NDF : 14.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

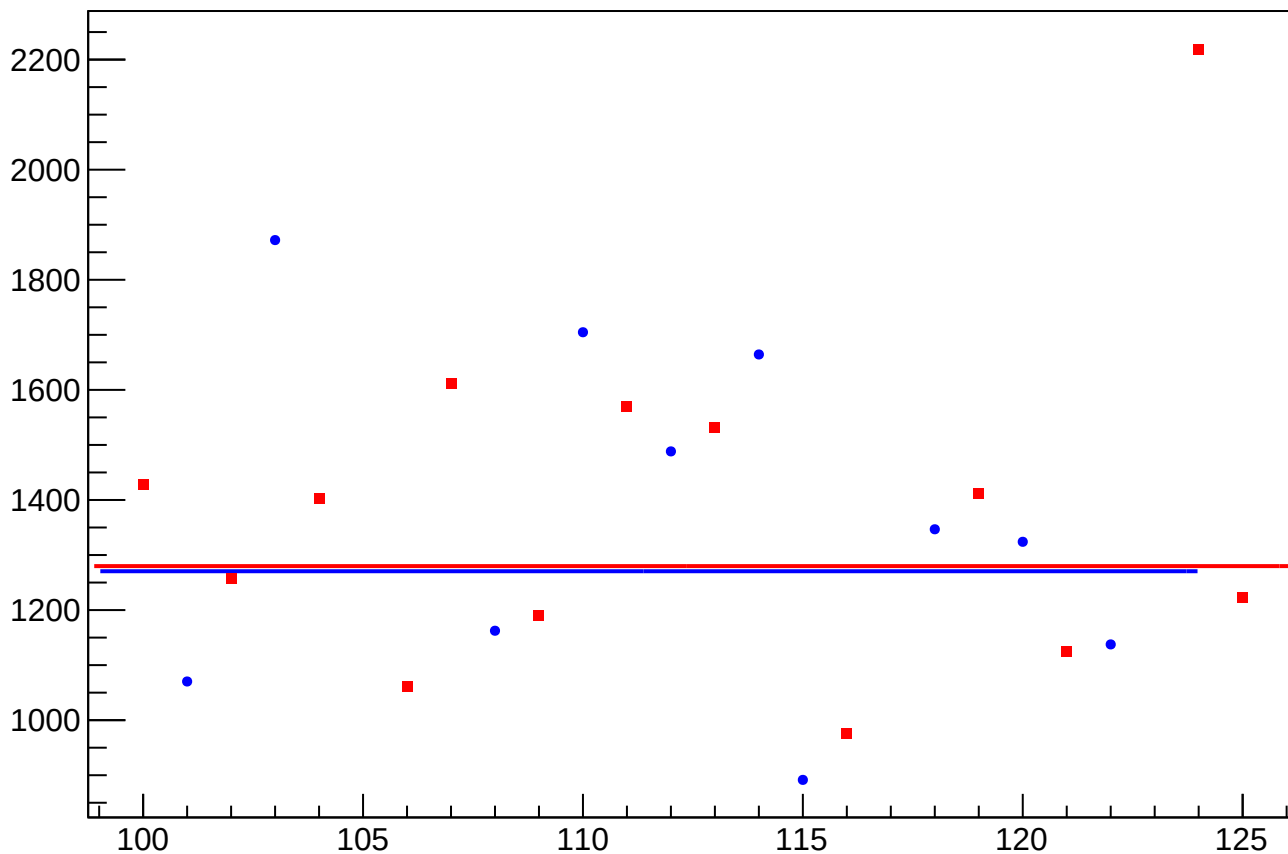
Right: -583.684+/-434.033 χ^2/NDF : 26.8/22

In: 190.284+/-642.672 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -583.684+/-434.033 χ^2/NDF : 26.8/22

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: 1279.872+/-0.416 χ^2/NDF : 245969.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

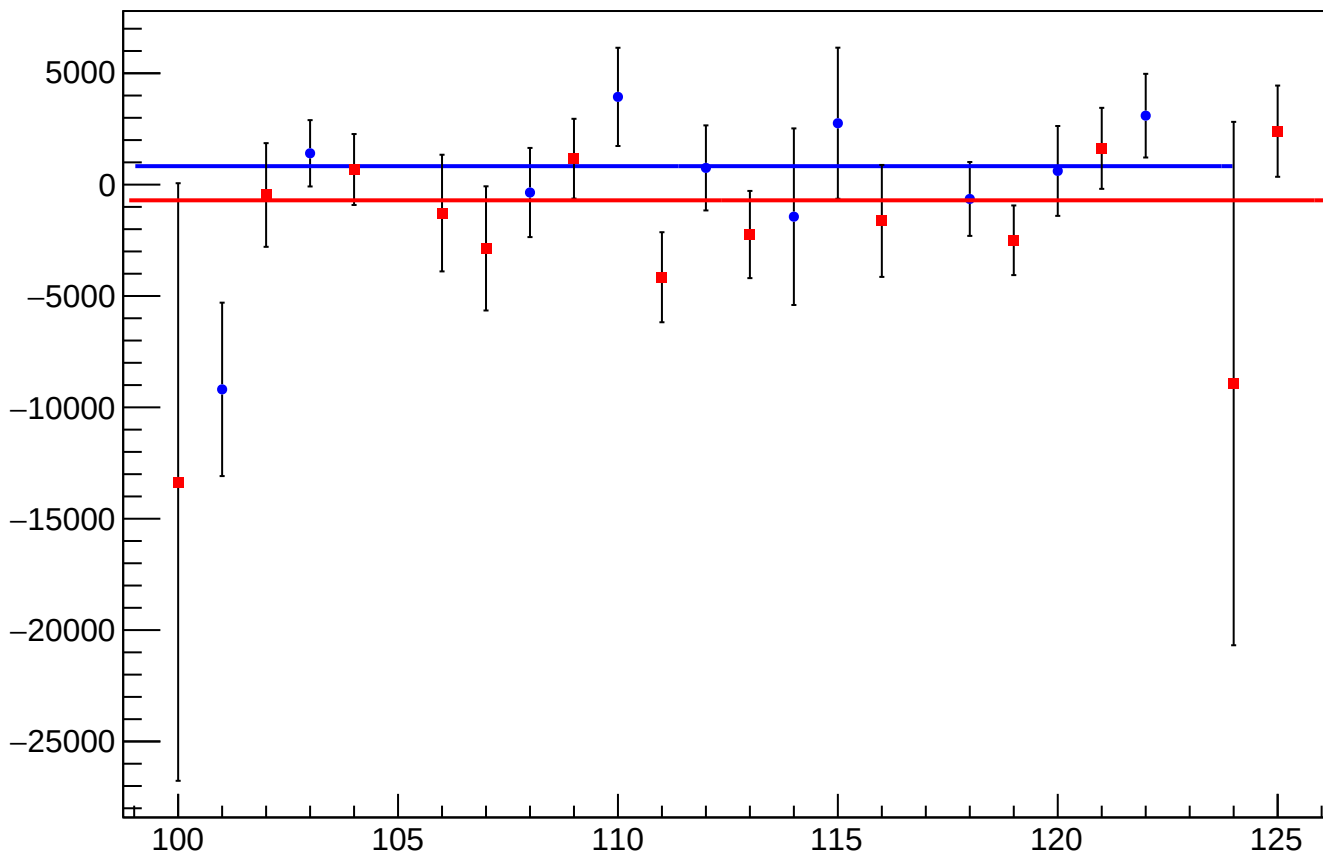
Right: 1275.627+/-0.307 χ^2/NDF : 571088.8/22

In: 1270.565+/-0.454 χ^2/NDF : 324891.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1275.627+/-0.307 χ^2/NDF : 571088.8/22

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: -704.555+/-598.514 χ^2/NDF : 12.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

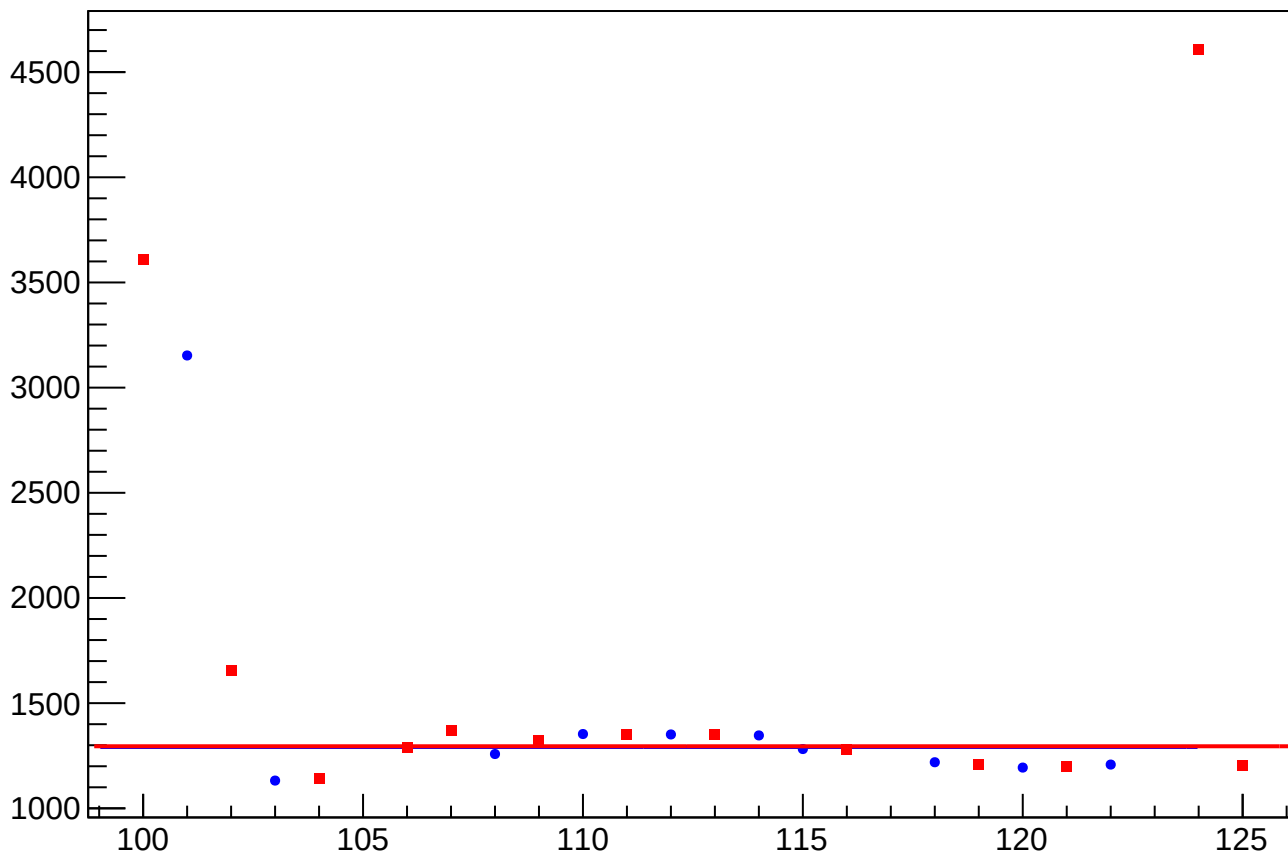
Right: -13.490+/-443.633 χ^2/NDF : 27.8/22

In: 829.147+/-660.899 χ^2/NDF : 12.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.490+/-443.633 χ^2/NDF : 27.8/22

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: 1295.026+/-0.423 χ^2/NDF : 306330.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

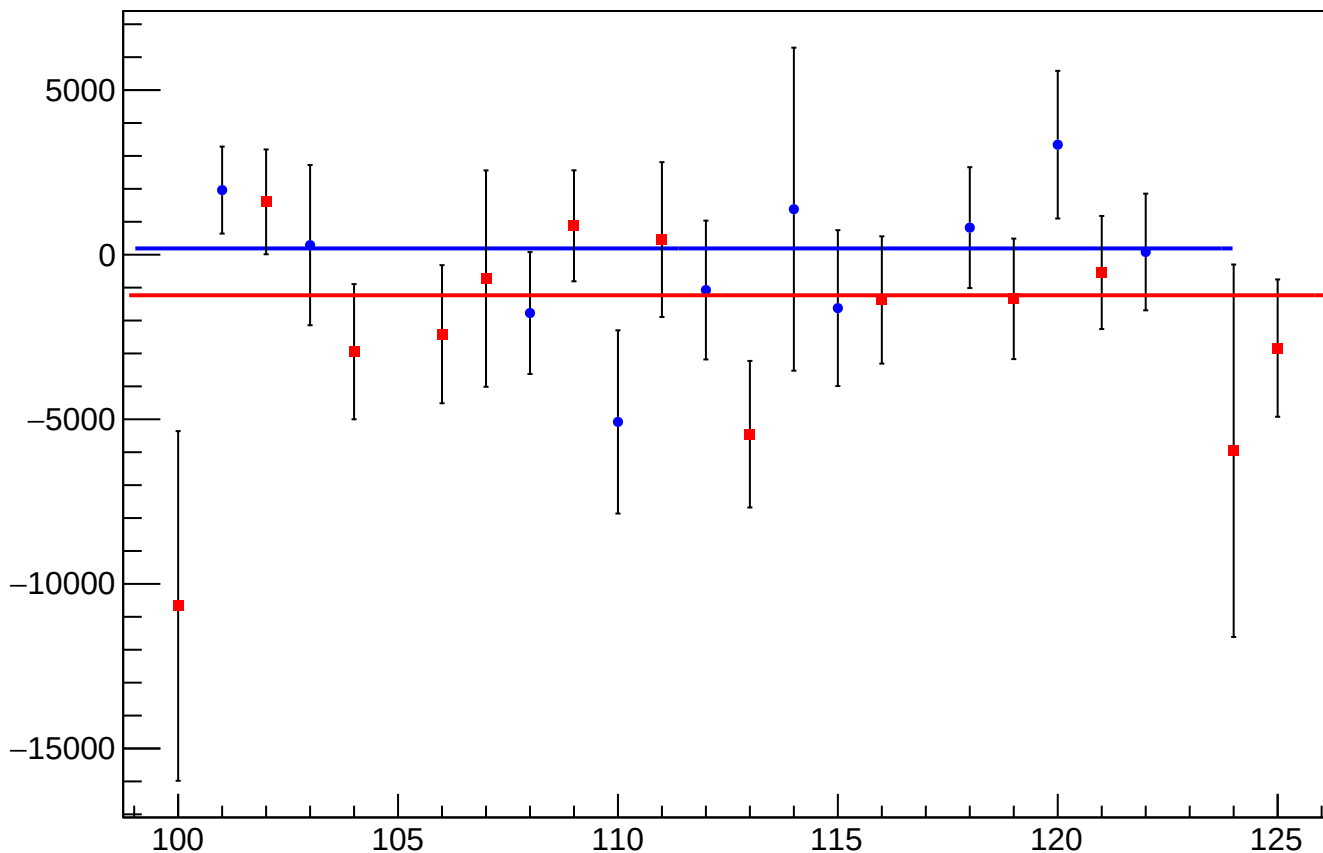
Right: 1293.496+/-0.314 χ^2/NDF : 803457.2/22

In: 1291.630+/-0.467 χ^2/NDF : 497097.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1293.496+/-0.314 χ^2/NDF : 803457.2/22

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: -1232.732+/-588.527 χ^2/NDF : 14.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

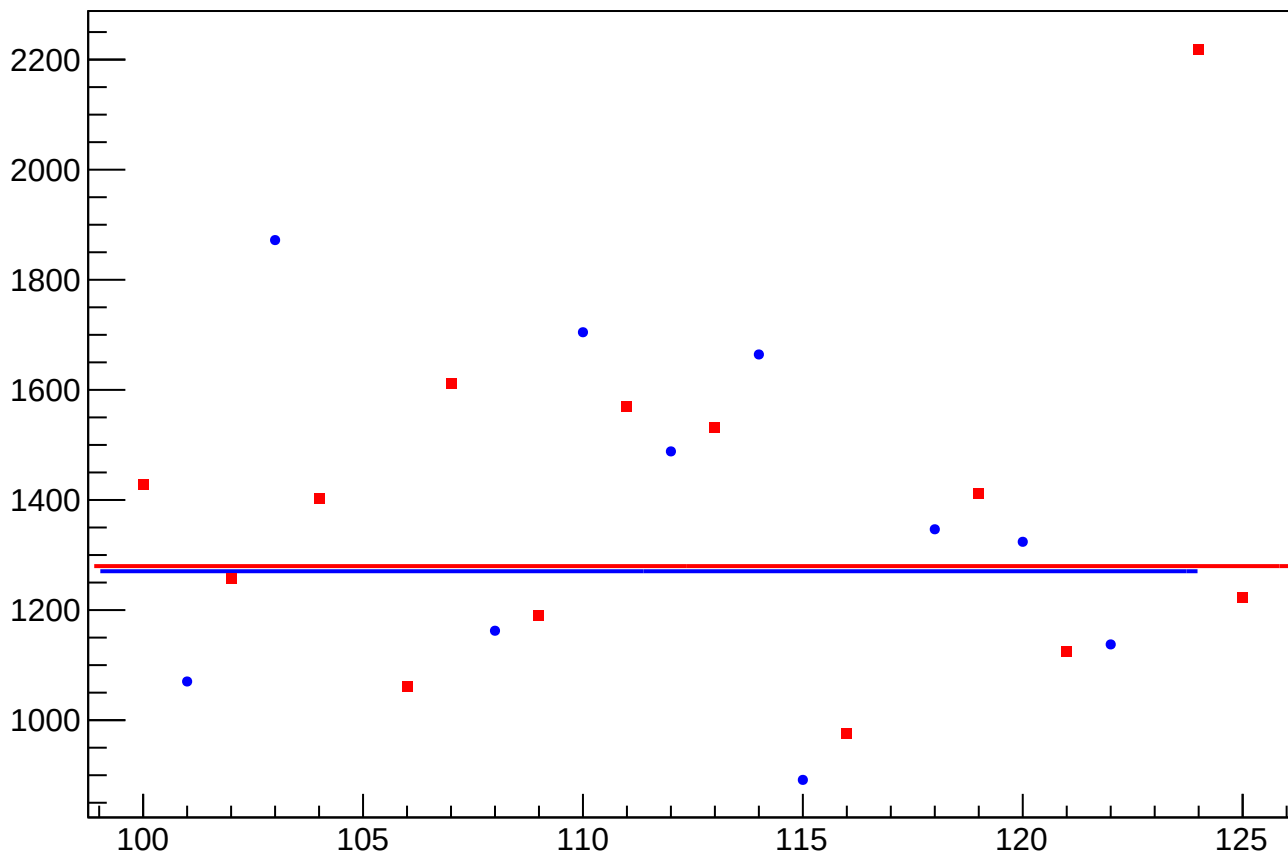
Right: -583.684+/-434.033 χ^2/NDF : 26.8/22

In: 190.284+/-642.672 χ^2/NDF :9.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -583.684+/-434.033 χ^2/NDF : 26.8/22

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: 1279.872+/-0.416 χ^2/NDF : 245969.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

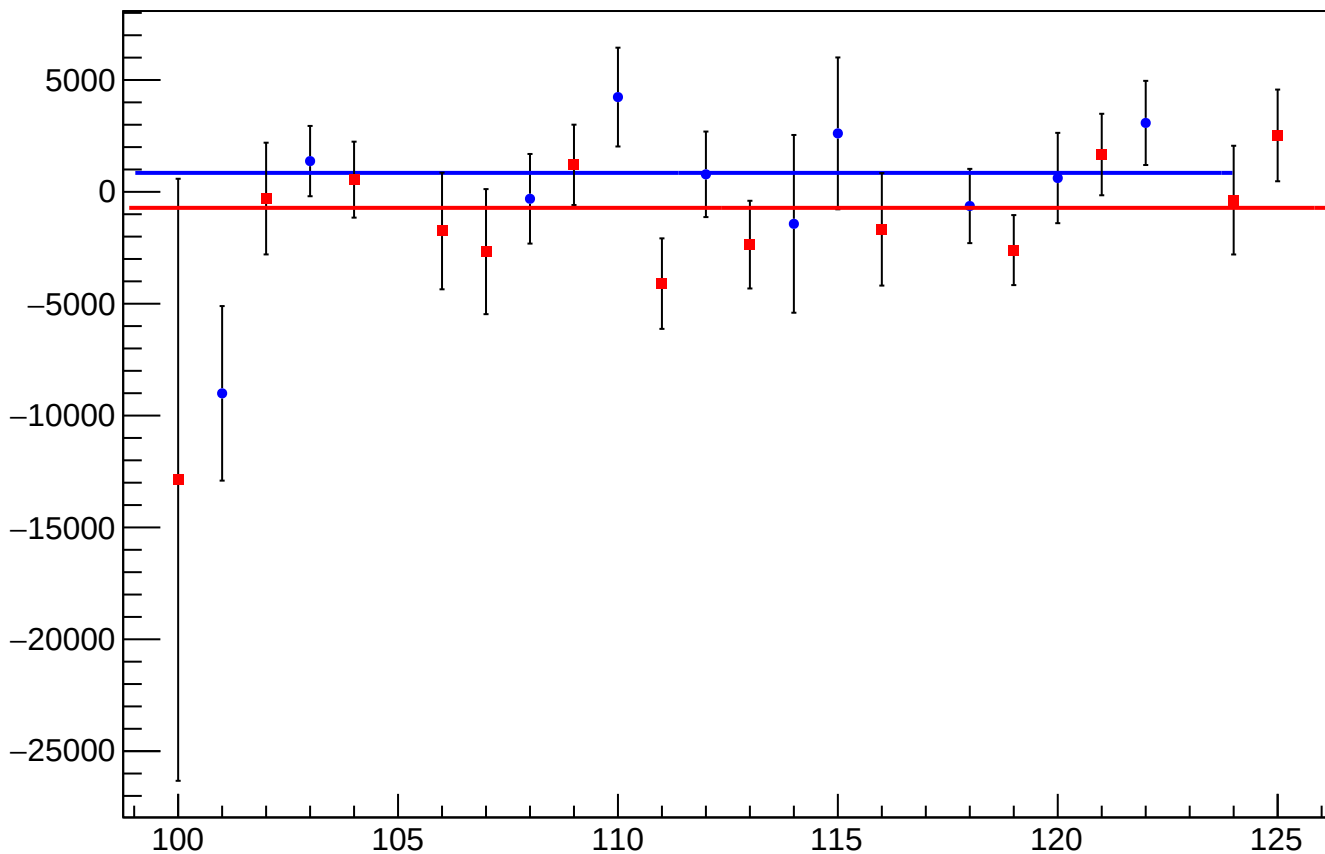
Right: 1275.627+/-0.307 χ^2/NDF : 571088.8/22

In: 1270.565+/-0.454 χ^2/NDF : 324891.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1275.627+/-0.307 χ^2/NDF : 571088.8/22

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: -715.044+/-589.438 χ^2/NDF : 12.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

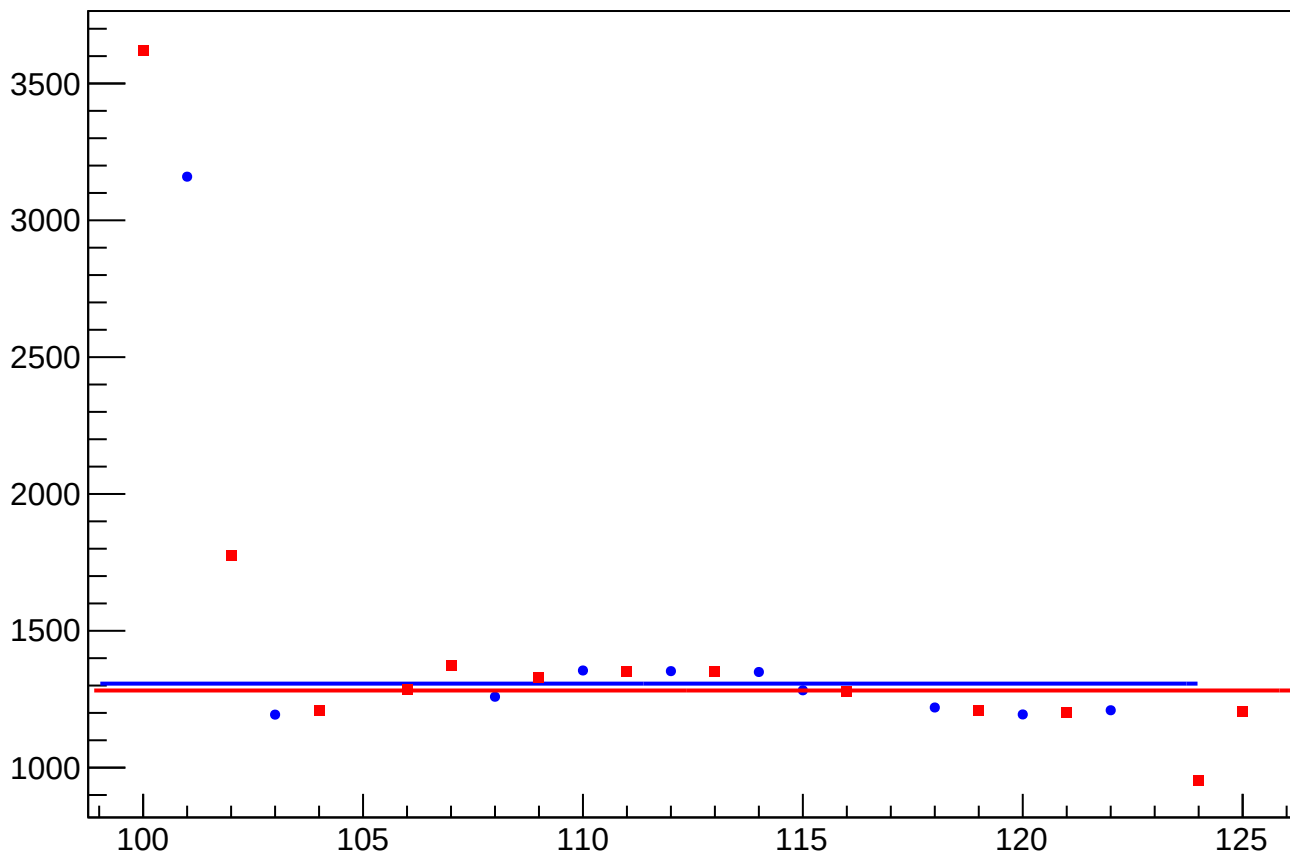
Right: -30.769+/-442.016 χ^2/NDF : 27.6/22

In: 848.444+/-668.144 χ^2/NDF :12.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -30.769+/-442.016 χ^2/NDF : 27.6/22

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: 1281.922+/-0.417 χ^2/NDF : 198761.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

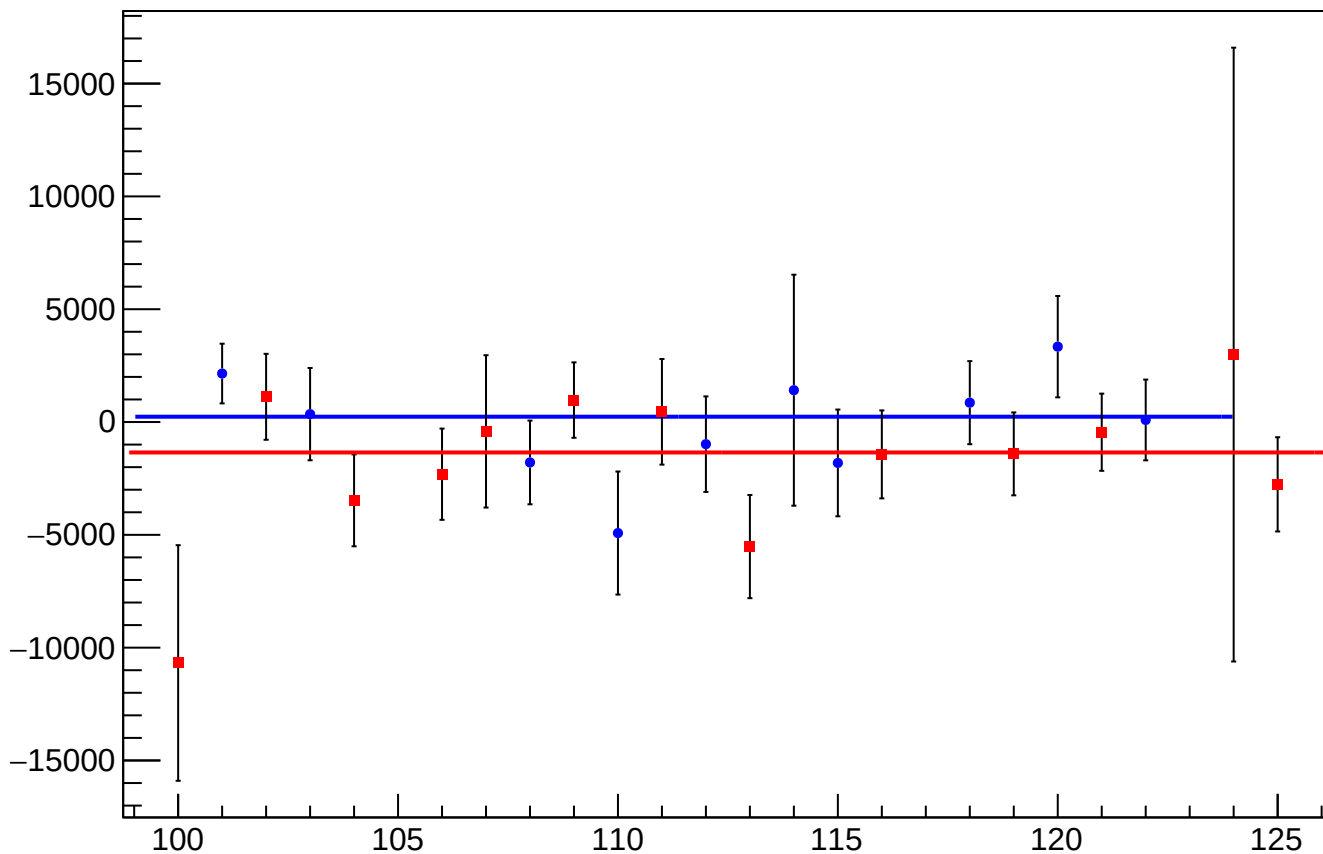
Right: 1292.897+/-0.313 χ^2/NDF : 682339.9/22

In: 1306.999+/-0.472 χ^2/NDF : 481994.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1292.897+/-0.313 χ^2/NDF : 682339.9/22

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: -1348.828+/-602.611 χ^2/NDF : 12.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

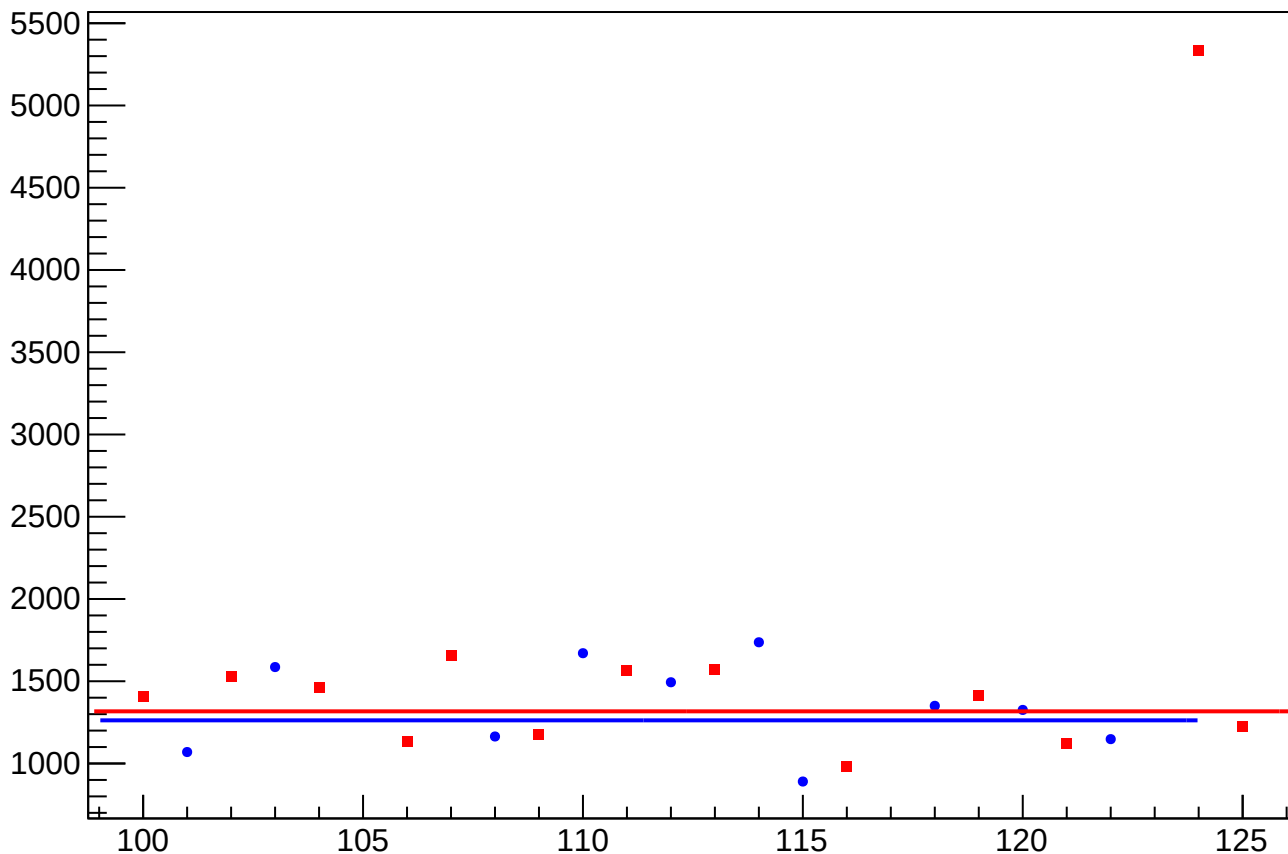
Right: -597.782+/-437.045 χ^2/NDF : 26.3/22

In: 235.627+/-634.794 χ^2/NDF : 10.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -597.782+/-437.045 χ^2/NDF : 26.3/22

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: 1317.058+/-0.426 χ^2/NDF : 403901.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

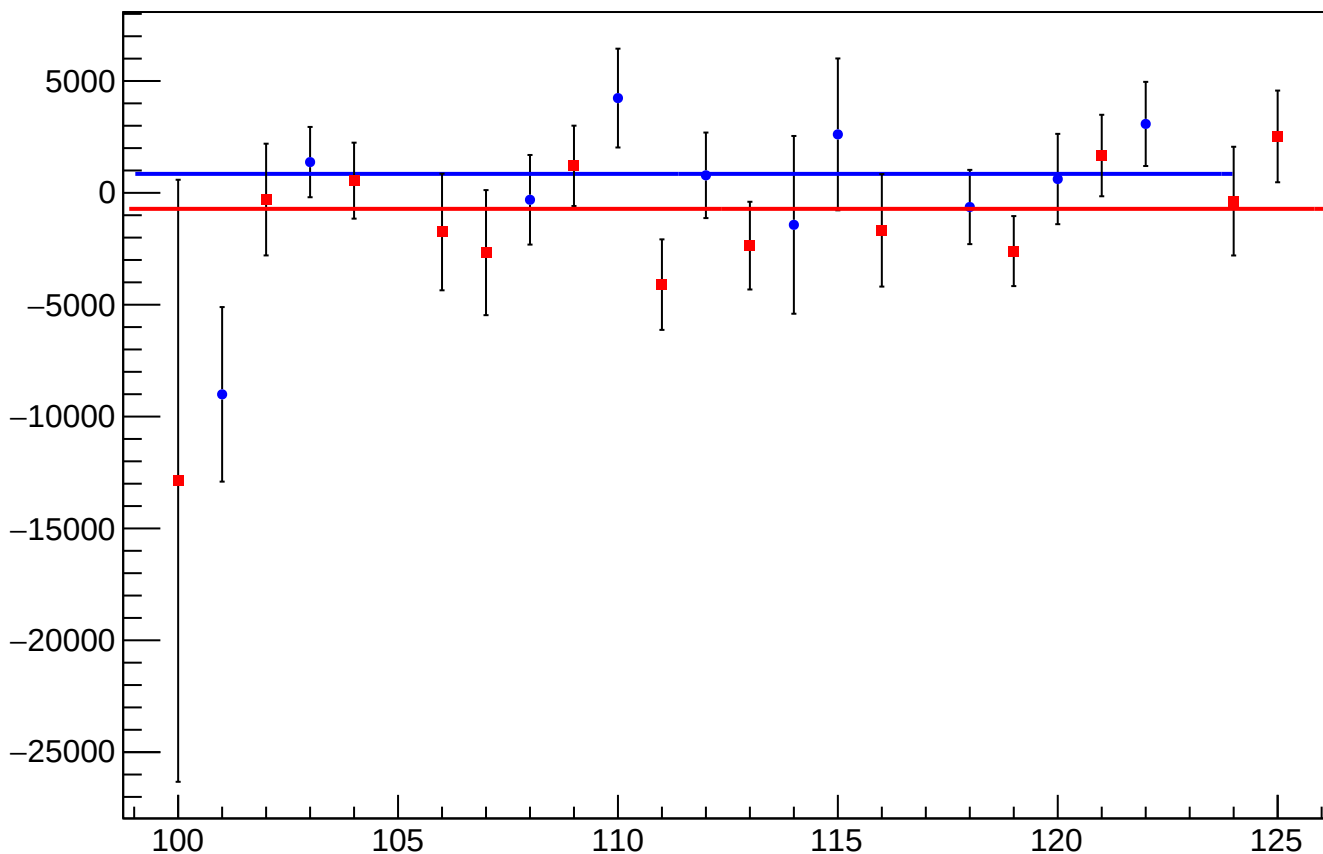
Right: 1291.108+/-0.309 χ^2/NDF : 659611.7/22

In: 1262.311+/-0.449 χ^2/NDF : 247885.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.108+/-0.309 χ^2/NDF : 659611.7/22

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: -715.045+/-589.438 χ^2/NDF : 12.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

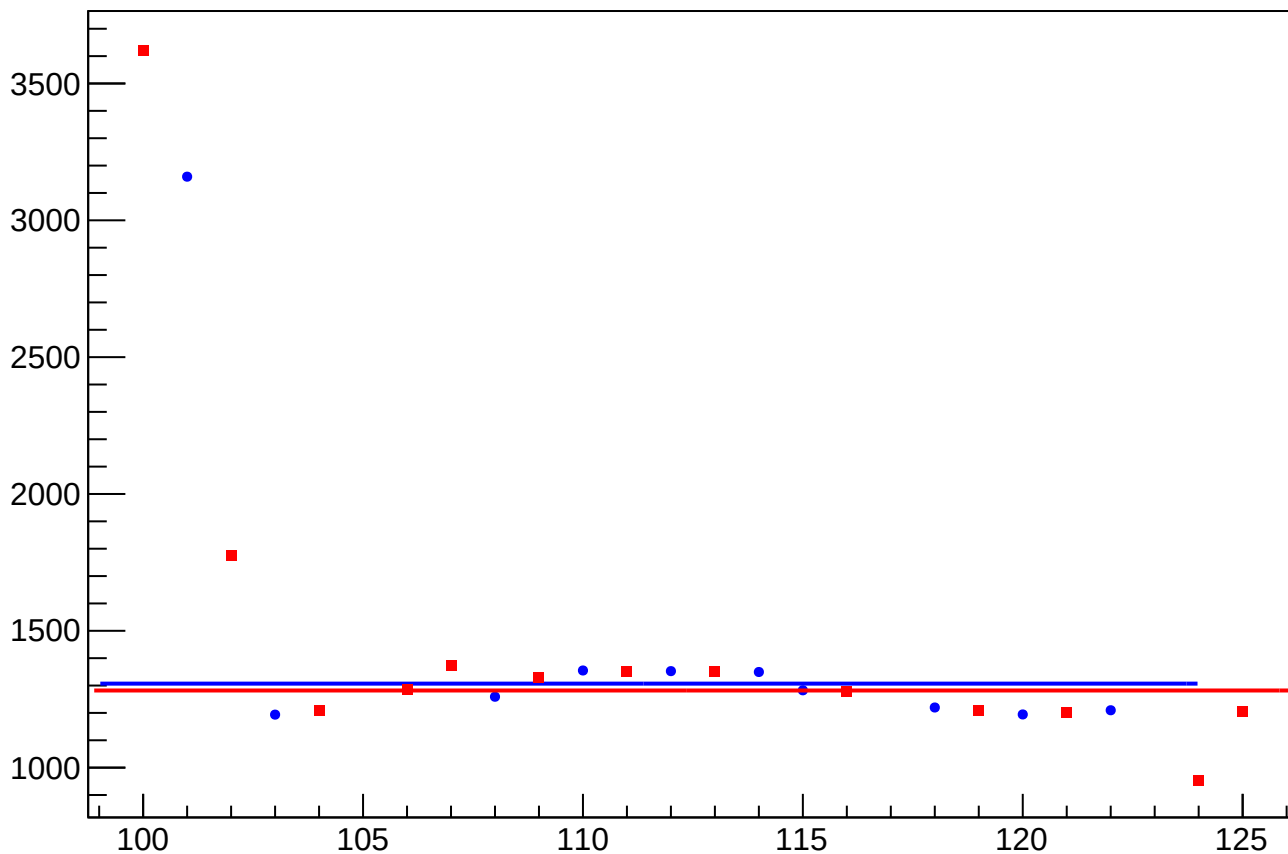
Right: -30.771+/-442.016 χ^2/NDF : 27.6/22

In: 848.440+/-668.144 χ^2/NDF : 12.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.771+/-442.016 χ^2/NDF : 27.6/22

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: 1281.922+/-0.417 χ^2/NDF : 198761.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

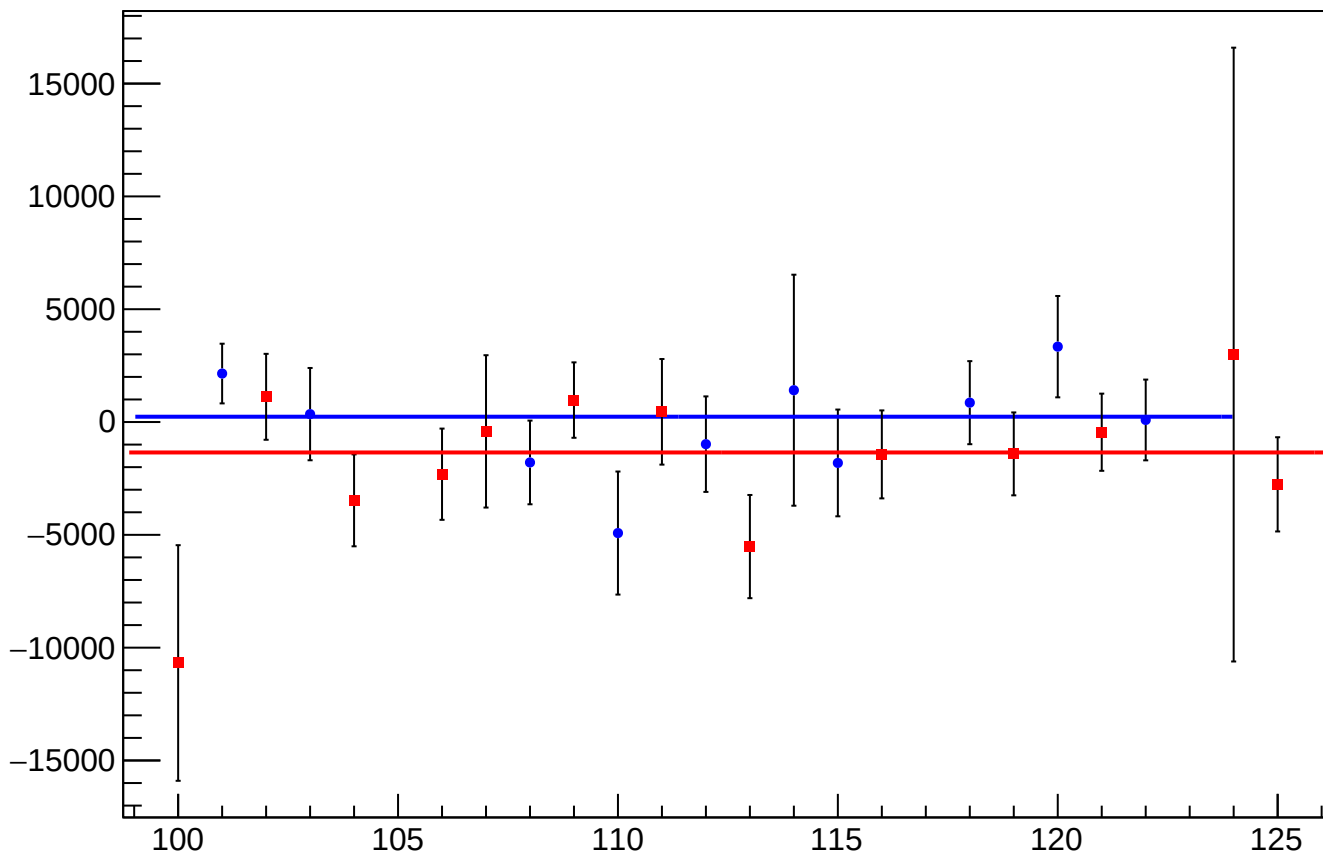
Right: 1292.897+/-0.313 χ^2/NDF : 682340.0/22

In: 1306.999+/-0.472 χ^2/NDF : 481994.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1292.897+/-0.313 χ^2/NDF : 682340.0/22

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: -1348.830+/-602.610 χ^2/NDF : 12.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

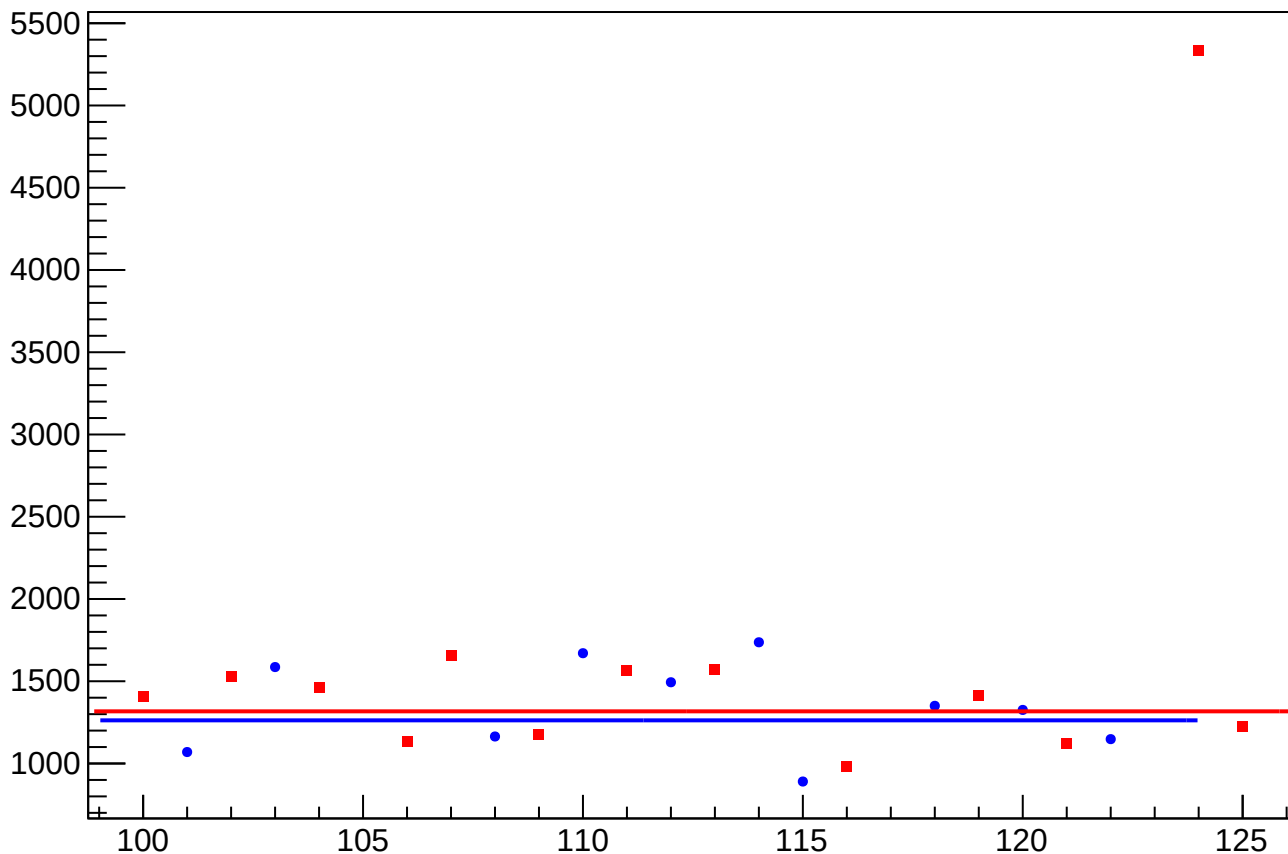
Right: -597.781+/-437.044 χ^2/NDF : 26.3/22

In: 235.626+/-634.792 χ^2/NDF : 10.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -597.781+/-437.044 χ^2/NDF : 26.3/22

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: 1317.058+/-0.426 χ^2/NDF : 403902.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

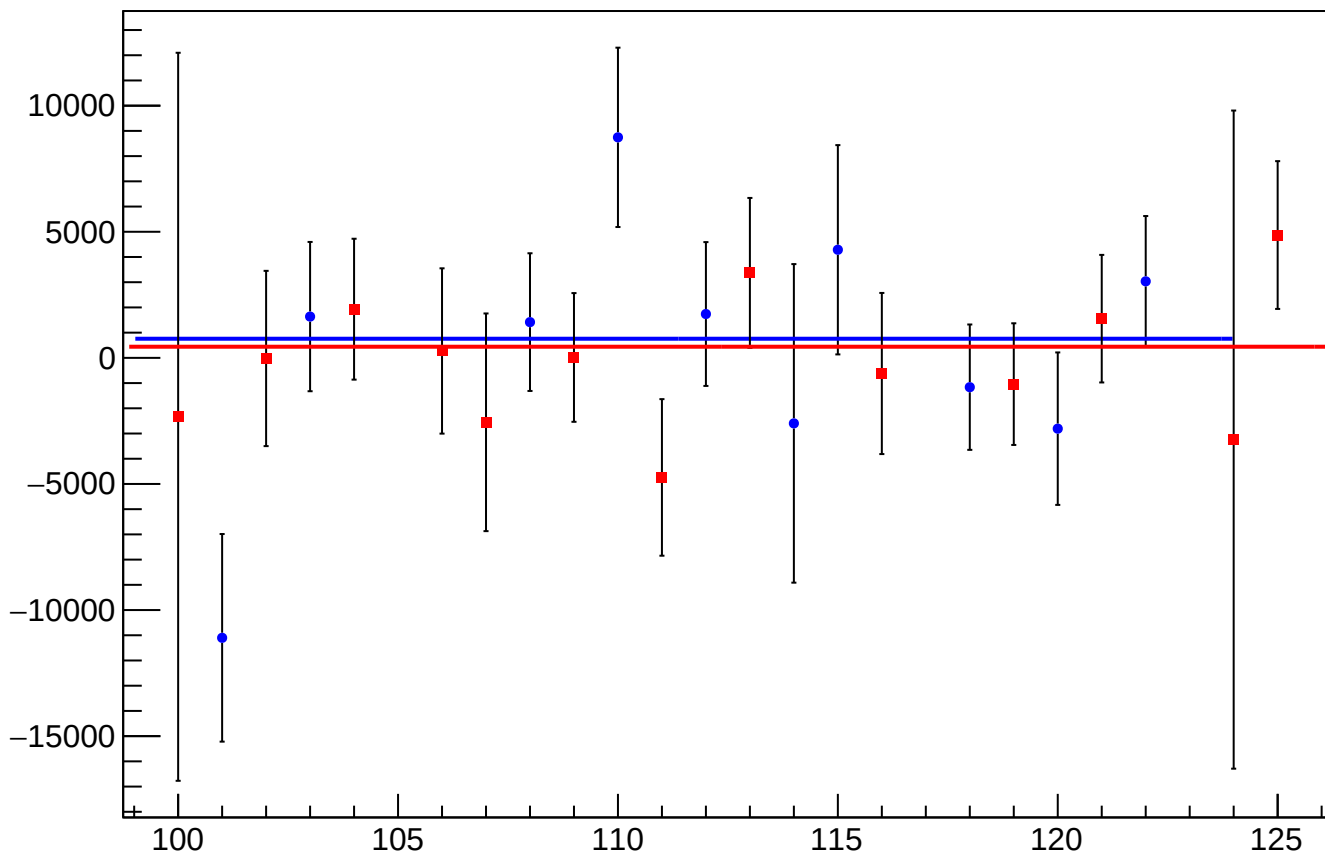
Right: 1291.105+/-0.309 χ^2/NDF : 659619.8/22

In: 1262.306+/-0.449 χ^2/NDF : 247891.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.105+/-0.309 χ^2/NDF : 659619.8/22

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: 441.958+/-883.288 χ^2/NDF : 7.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

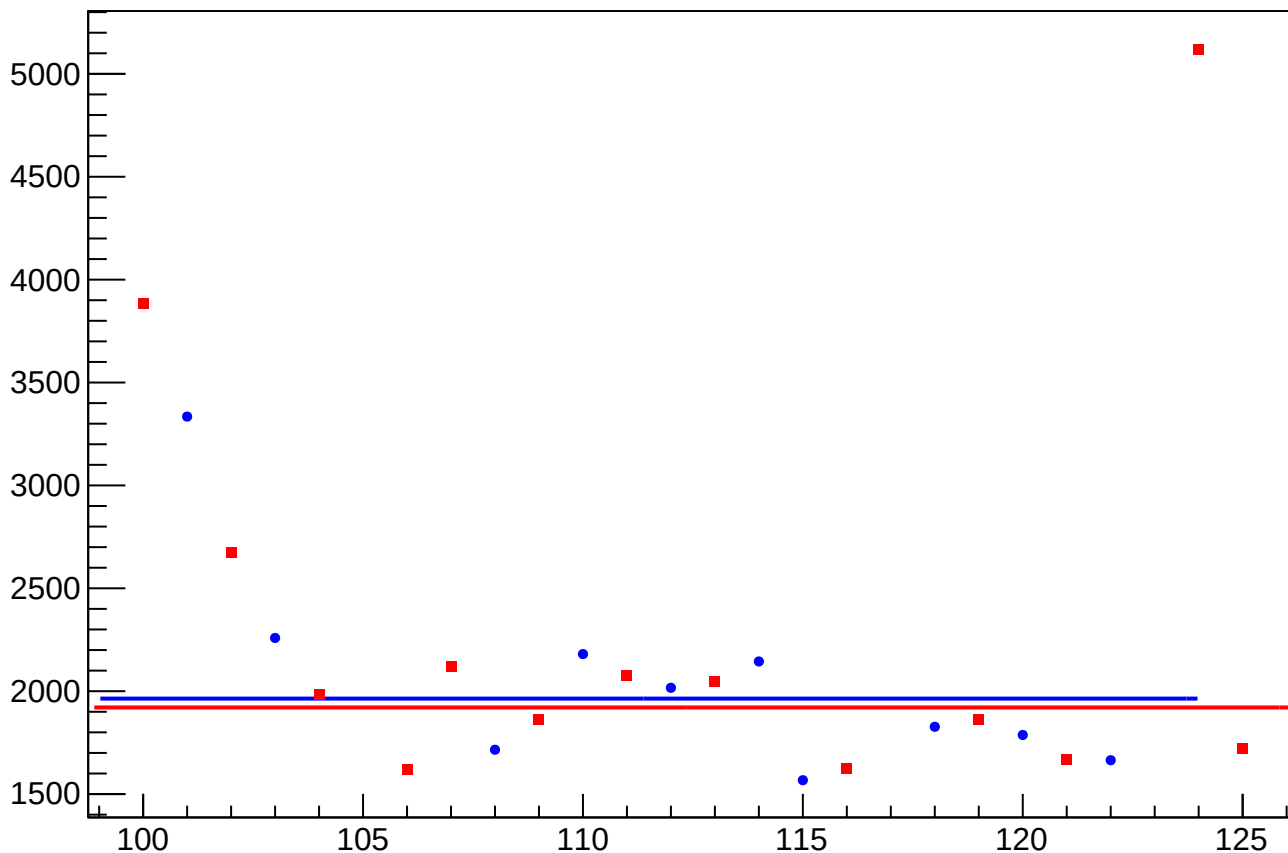
Right: 581.793+/-660.128 χ^2/NDF : 25.1/22

In: 758.713+/-993.530 χ^2/NDF : 17.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 581.793+/-660.128 χ^2/NDF : 25.1/22

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: 1920.940+/-0.625 χ^2/NDF : 331073.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

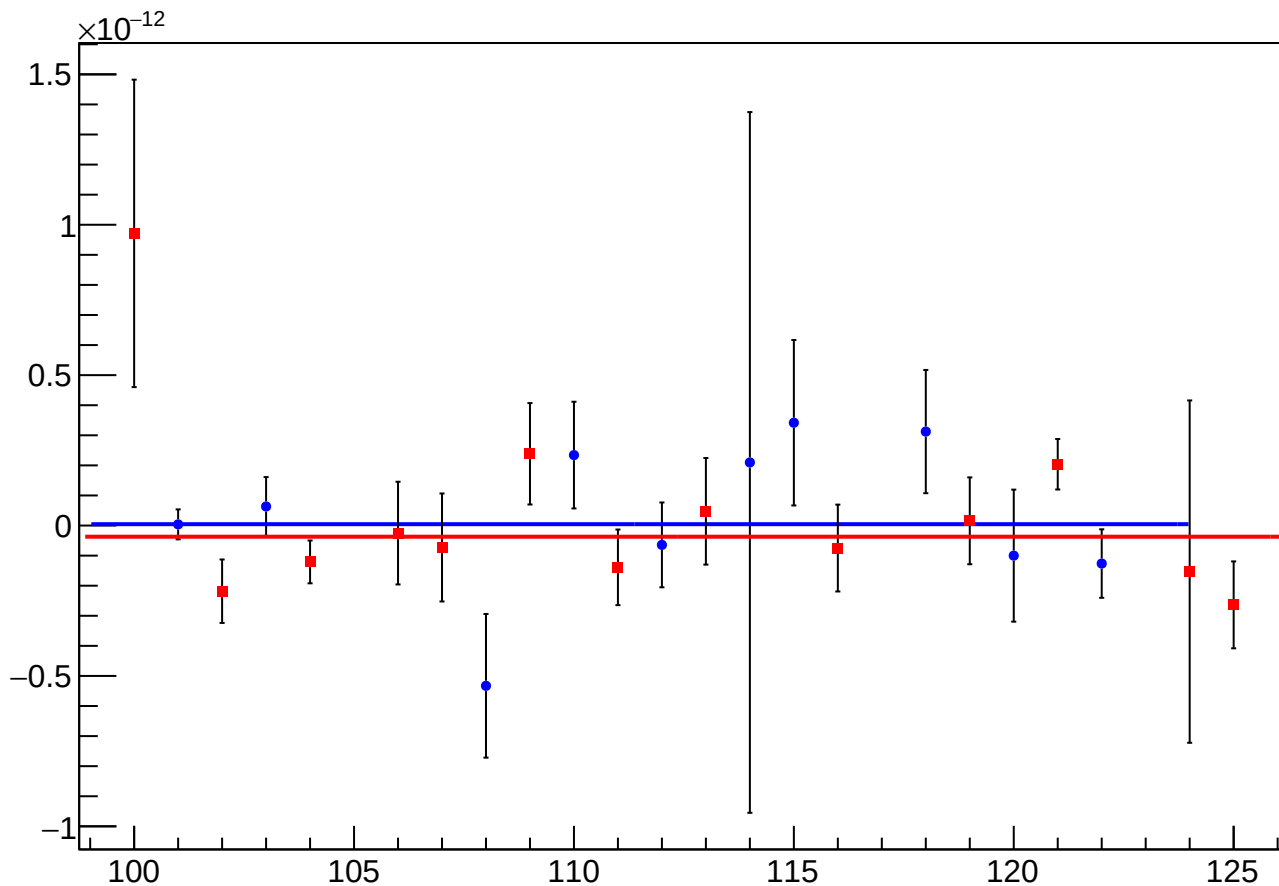
Right: 1939.978+/-0.467 χ^2/NDF : 658906.6/22

In: 1964.064+/-0.703 χ^2/NDF : 325728.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1939.978+/-0.467 χ^2/NDF : 658906.6/22

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 : 22.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

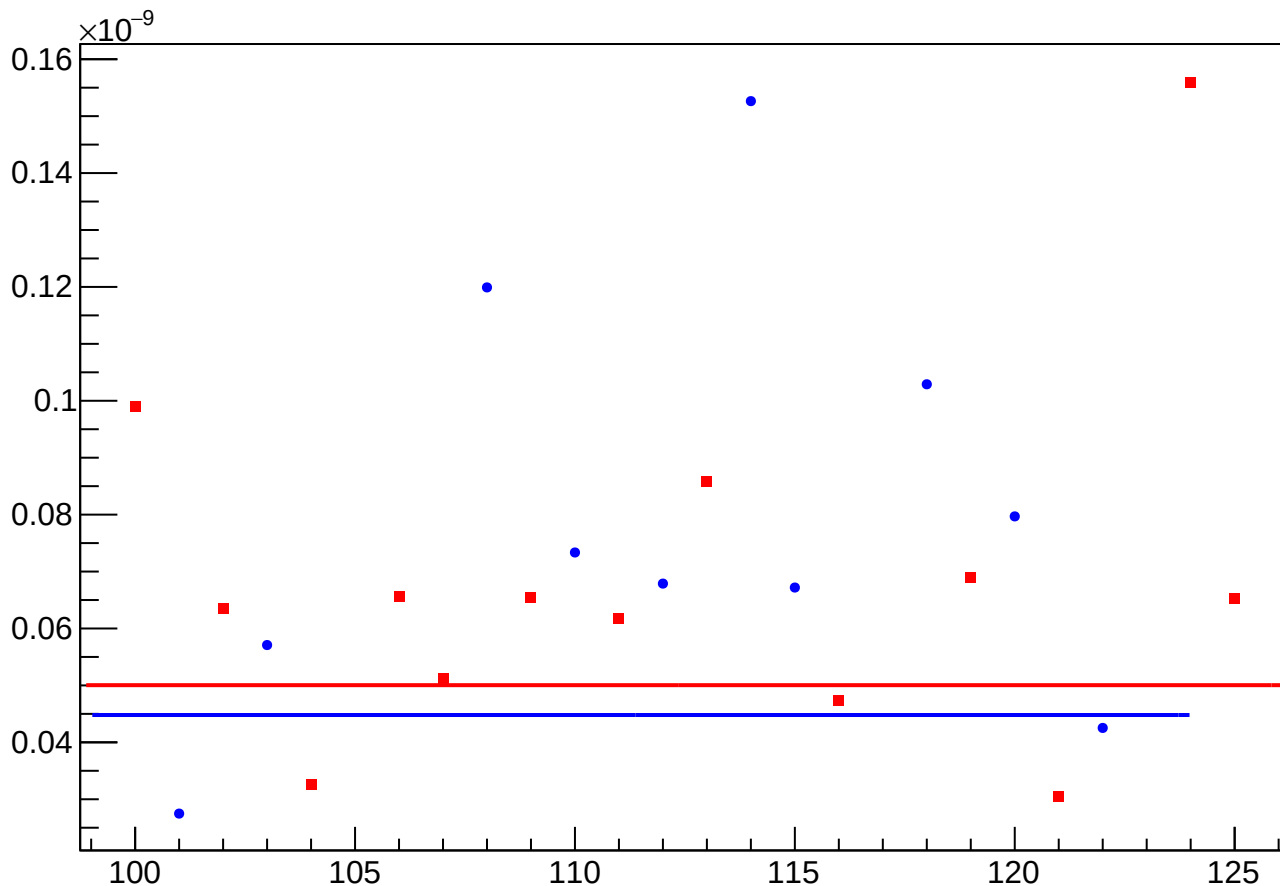
Right: -0.000+/-0.000 χ^2/NDF : 36.1/22

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 : 36.1/22

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 : 537777.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

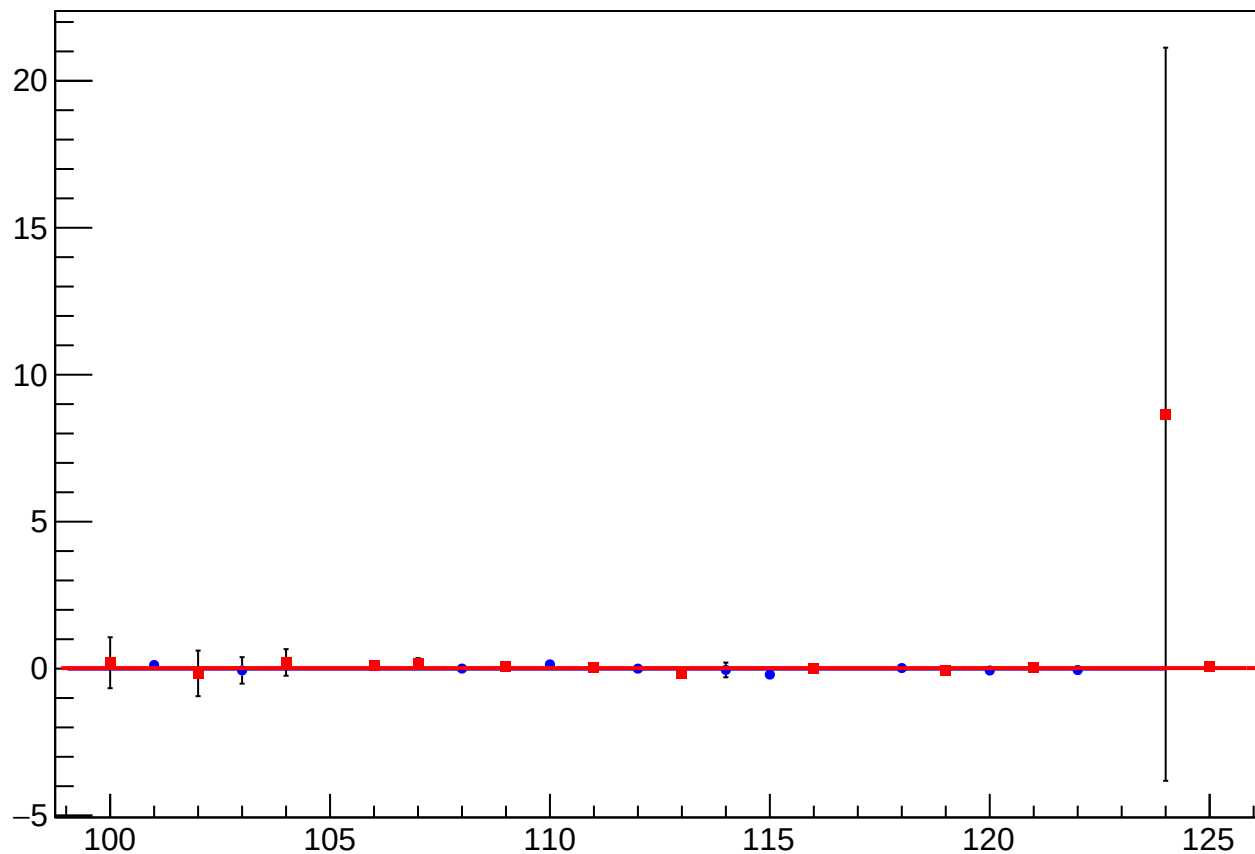
Right: 0.000+/-0.000 χ^2/NDF : 1377977.9/22

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 : 1377977.9/22

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.024 χ^2/NDF : 10.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.018+/-0.023 χ^2/NDF : 10.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

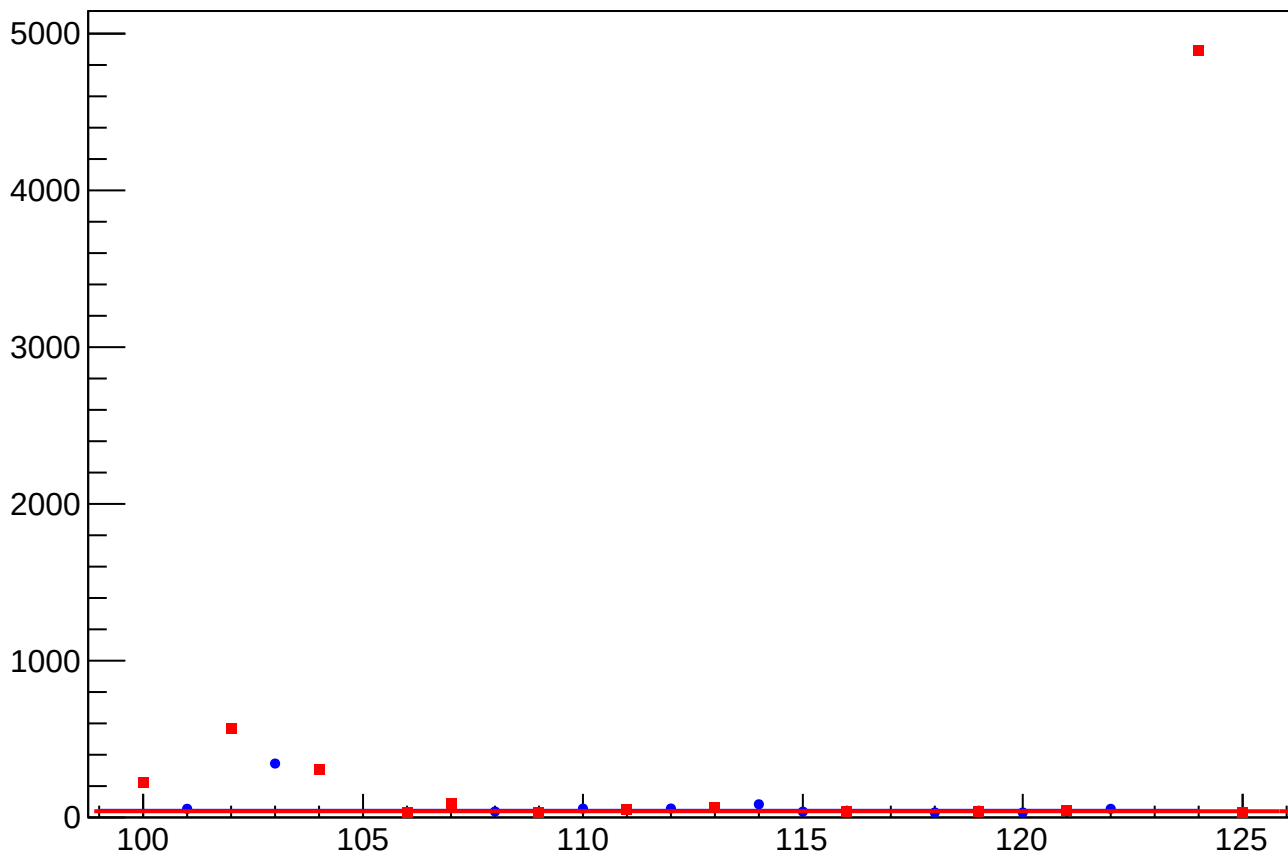
Right: 0.010+/-0.016 χ^2/NDF : 21.6/22

In: -0.000+/-0.024 χ^2/NDF : 10.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.016 χ^2/NDF : 21.6/22

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: 39.665+/-0.016 χ^2/NDF : 2414038.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

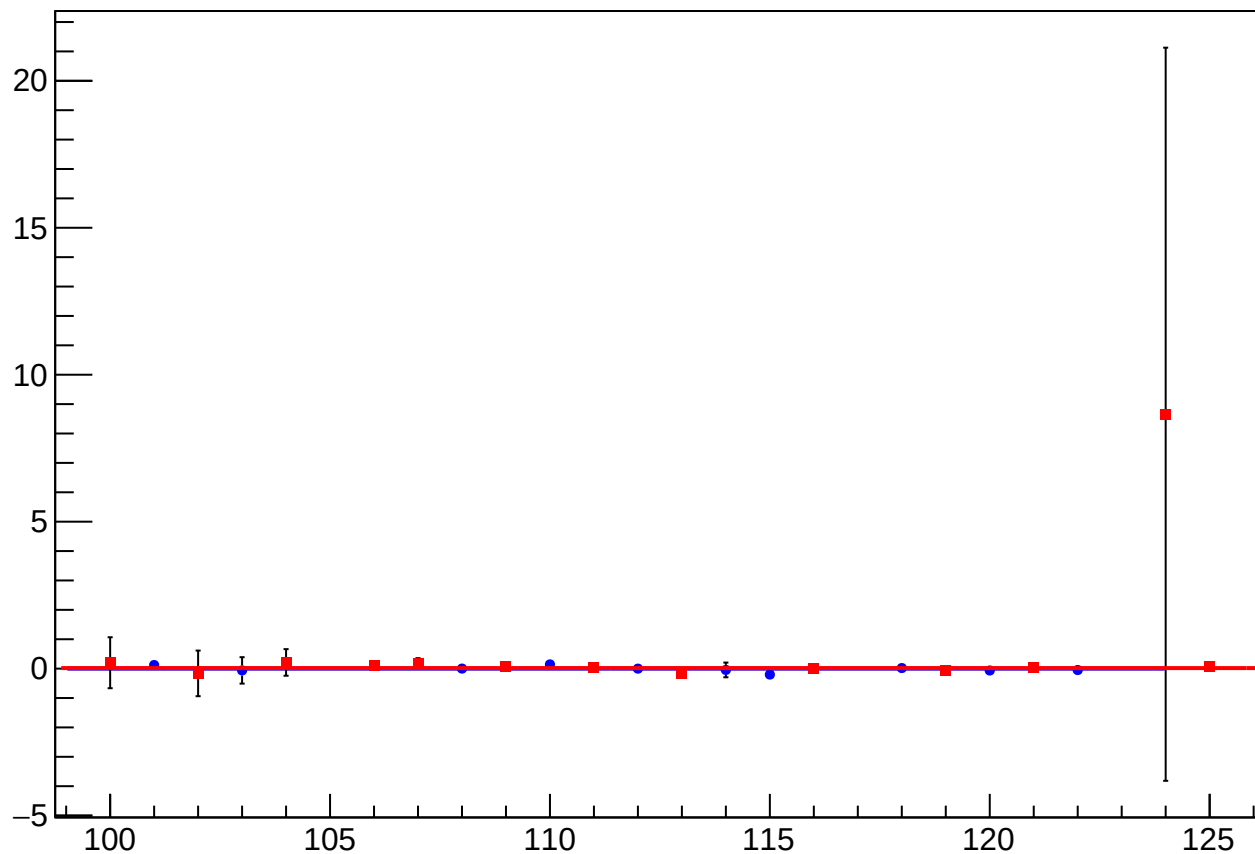
Right: 40.878+/-0.012 χ^2/NDF : 3769470.9/22

In: 42.272+/-0.017 χ^2/NDF : 1342978.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.878+/-0.012 χ^2/NDF : 3769470.9/22

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: 0.018+/-0.023 χ^2/NDF : 10.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

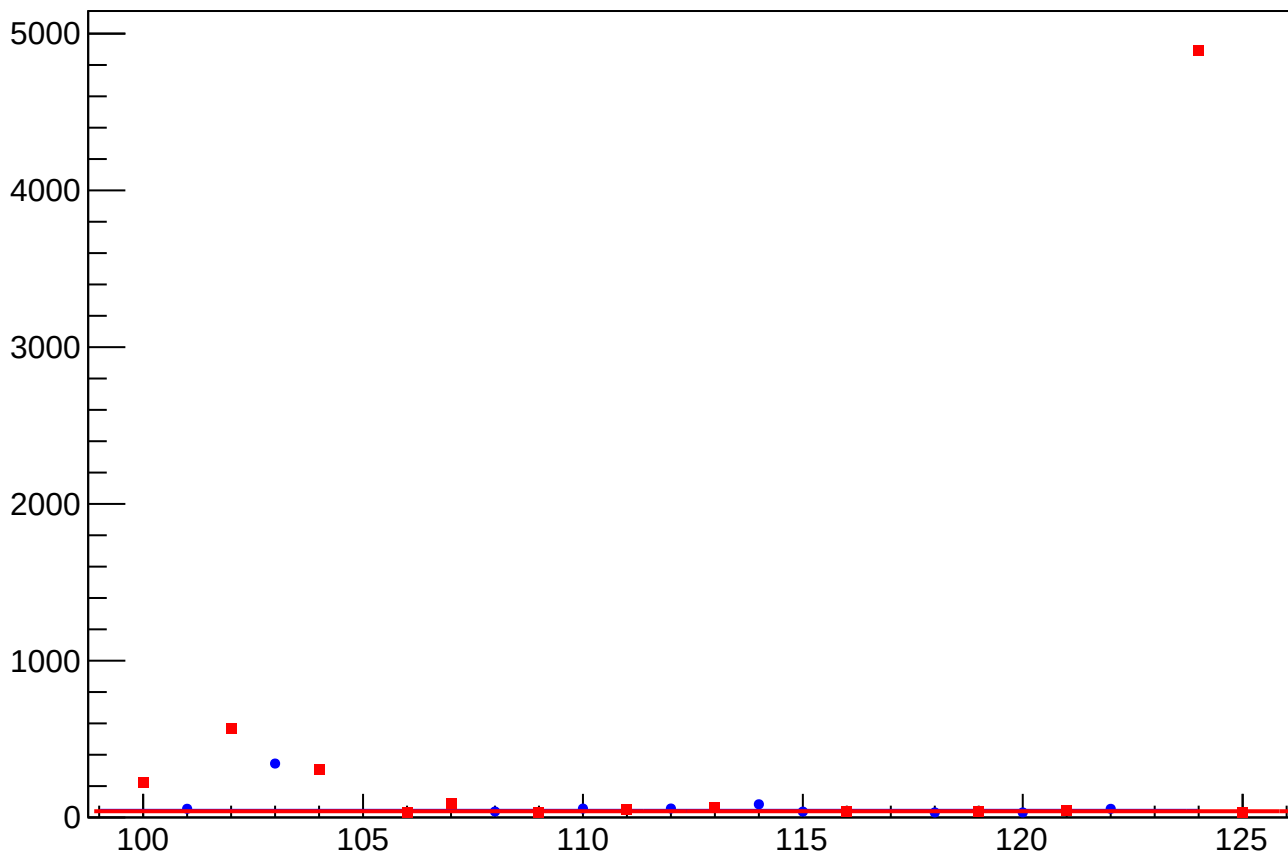
Right: 0.010+/-0.016 χ^2/NDF : 21.6/22

In: -0.000+/-0.024 χ^2/NDF : 10.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.016 χ^2/NDF : 21.6/22

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: 39.665+/-0.016 χ^2/NDF : 2414038.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

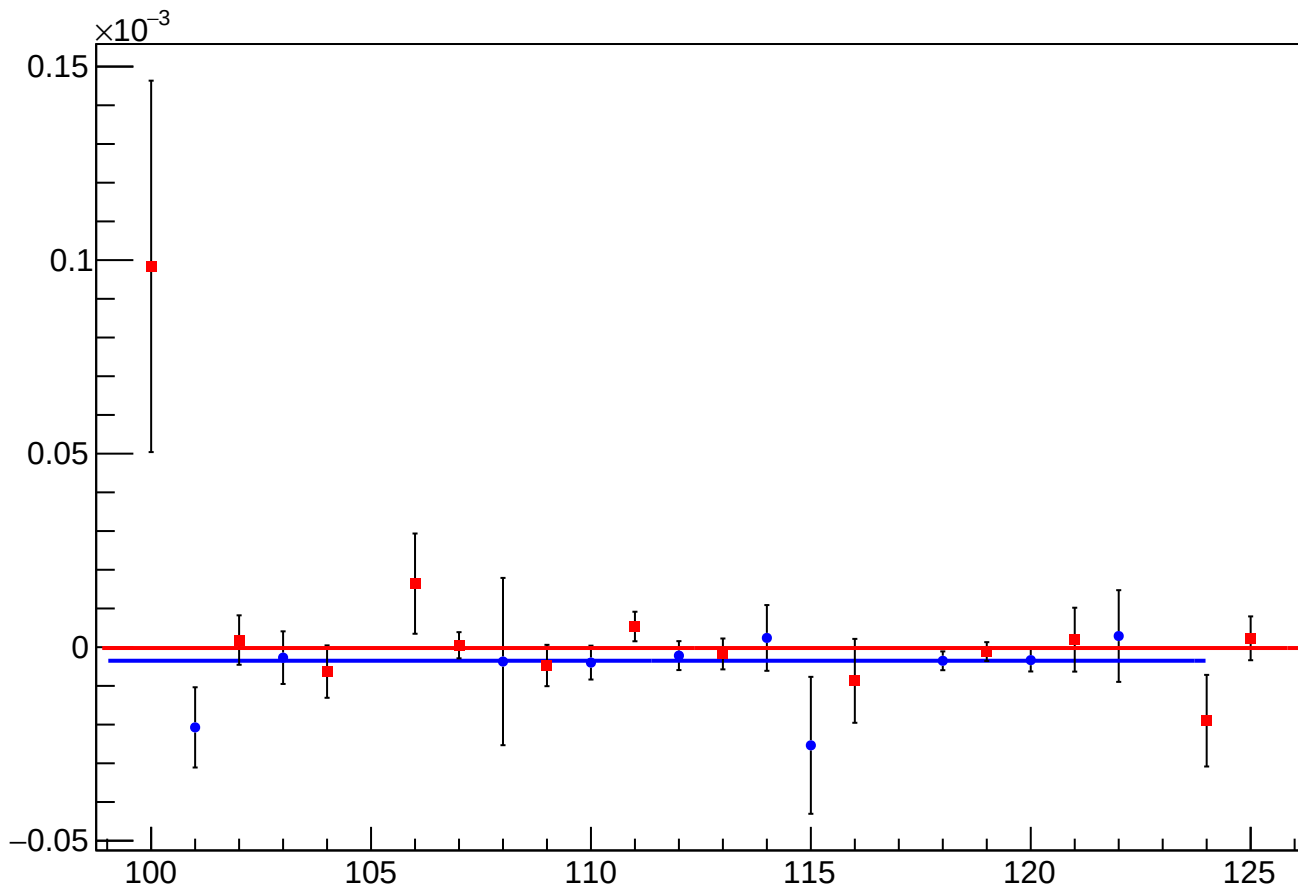
Right: 40.878+/-0.012 χ^2/NDF : 3769470.9/22

In: 42.272+/-0.017 χ^2/NDF : 1342978.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.878+/-0.012 χ^2/NDF : 3769470.9/22

asym_atl_dd_atr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

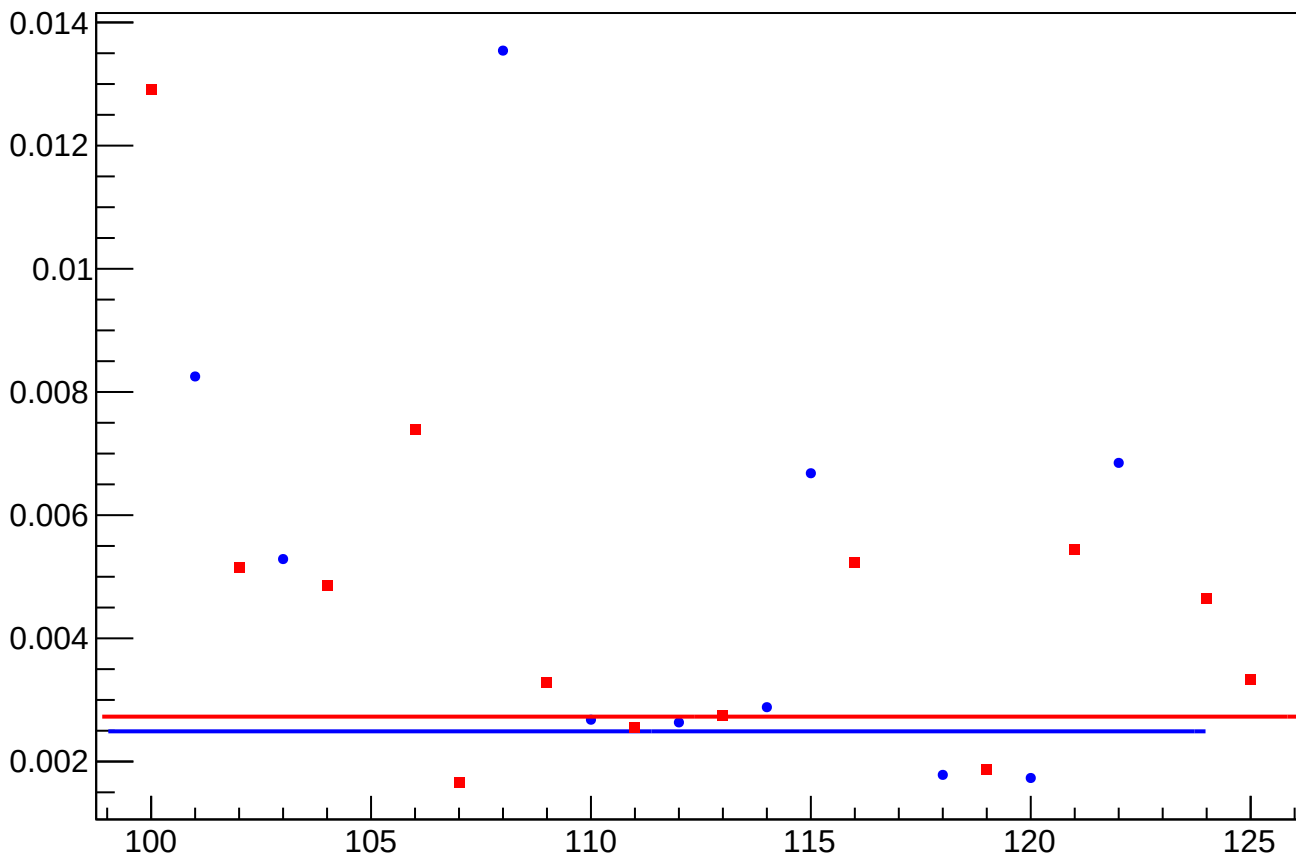
Right: -0.000+/-0.000 χ^2/NDF : 21.3/22

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 : 21.3/22

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 : 1707022.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

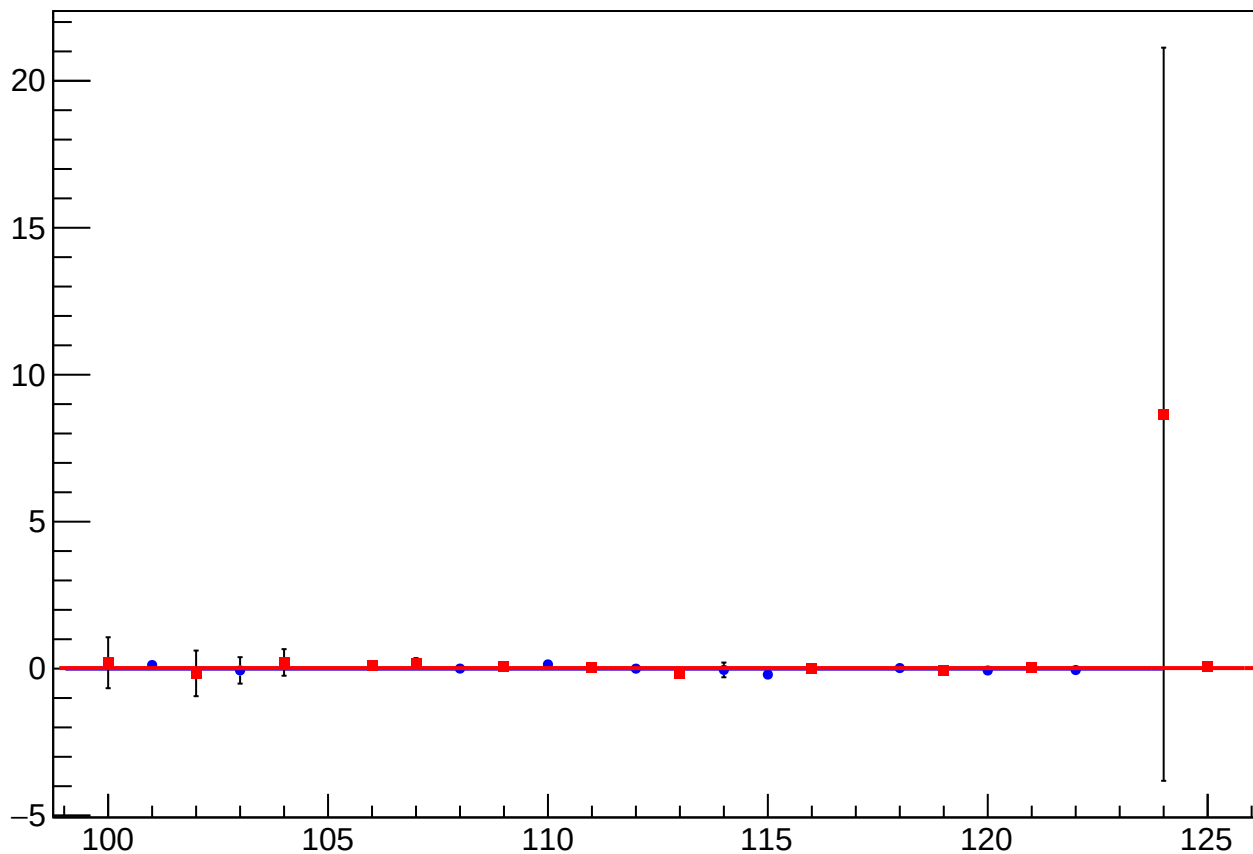
Right: 0.003+/-0.000 χ^2/NDF : 3912056.3/22

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 : 3912056.3/22

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: 0.018+/-0.023 χ^2/NDF : 10.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

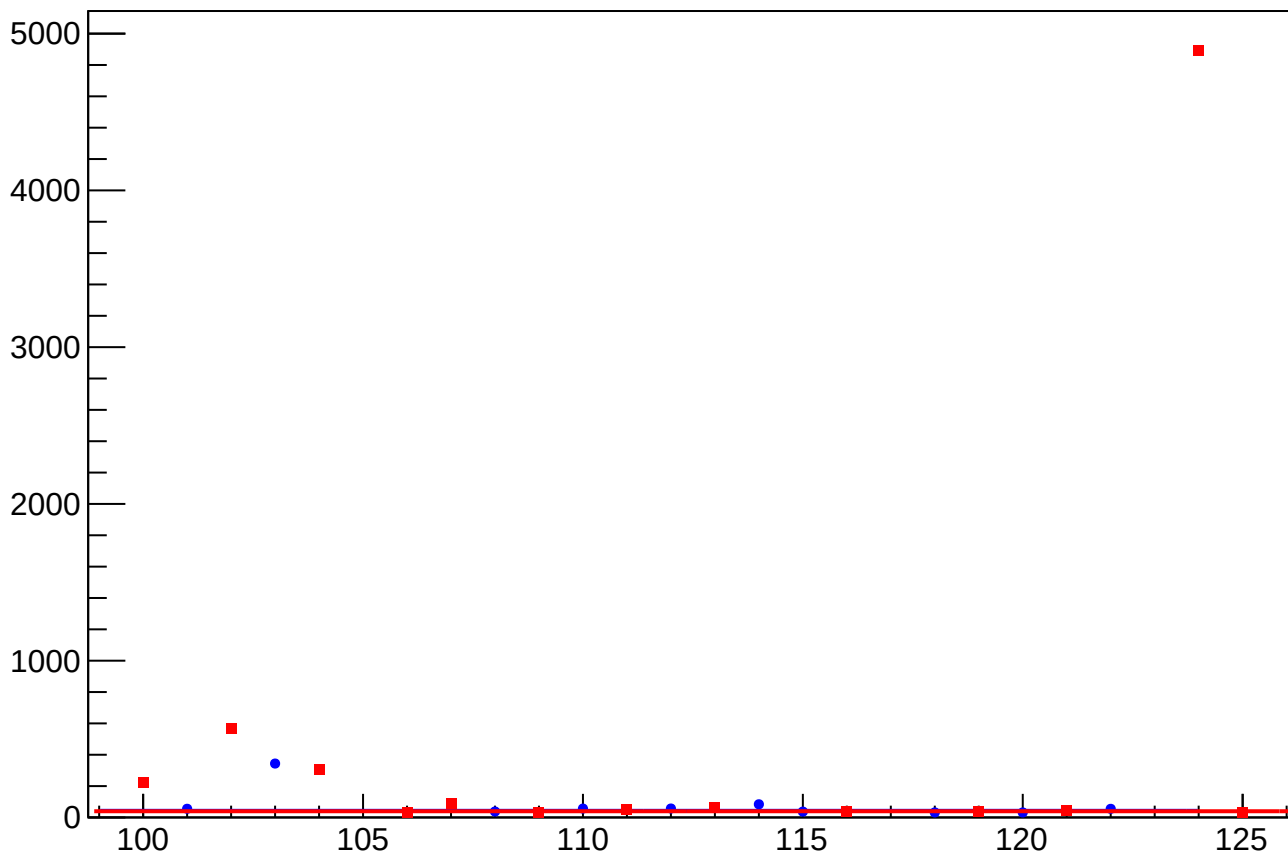
Right: 0.010+/-0.016 χ^2/NDF : 21.6/22

In: -0.000+/-0.024 χ^2/NDF : 10.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.016 χ^2/NDF : 21.6/22

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: 39.665+/-0.016 χ^2/NDF : 2414078.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

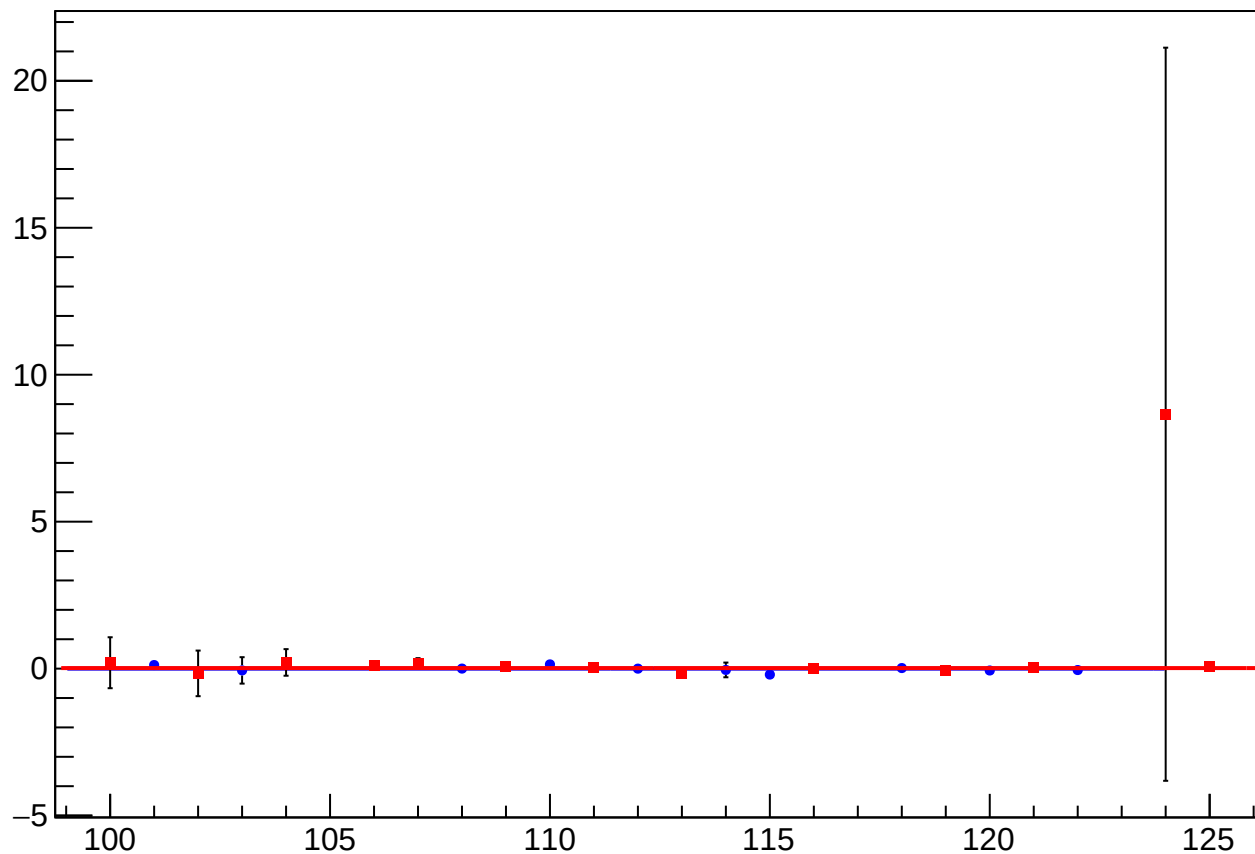
Right: 40.878+/-0.012 χ^2/NDF : 3769524.9/22

In: 42.274+/-0.017 χ^2/NDF : 1342971.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.878+/-0.012 χ^2/NDF : 3769524.9/22

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: 0.018+/-0.023 χ^2/NDF : 10.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

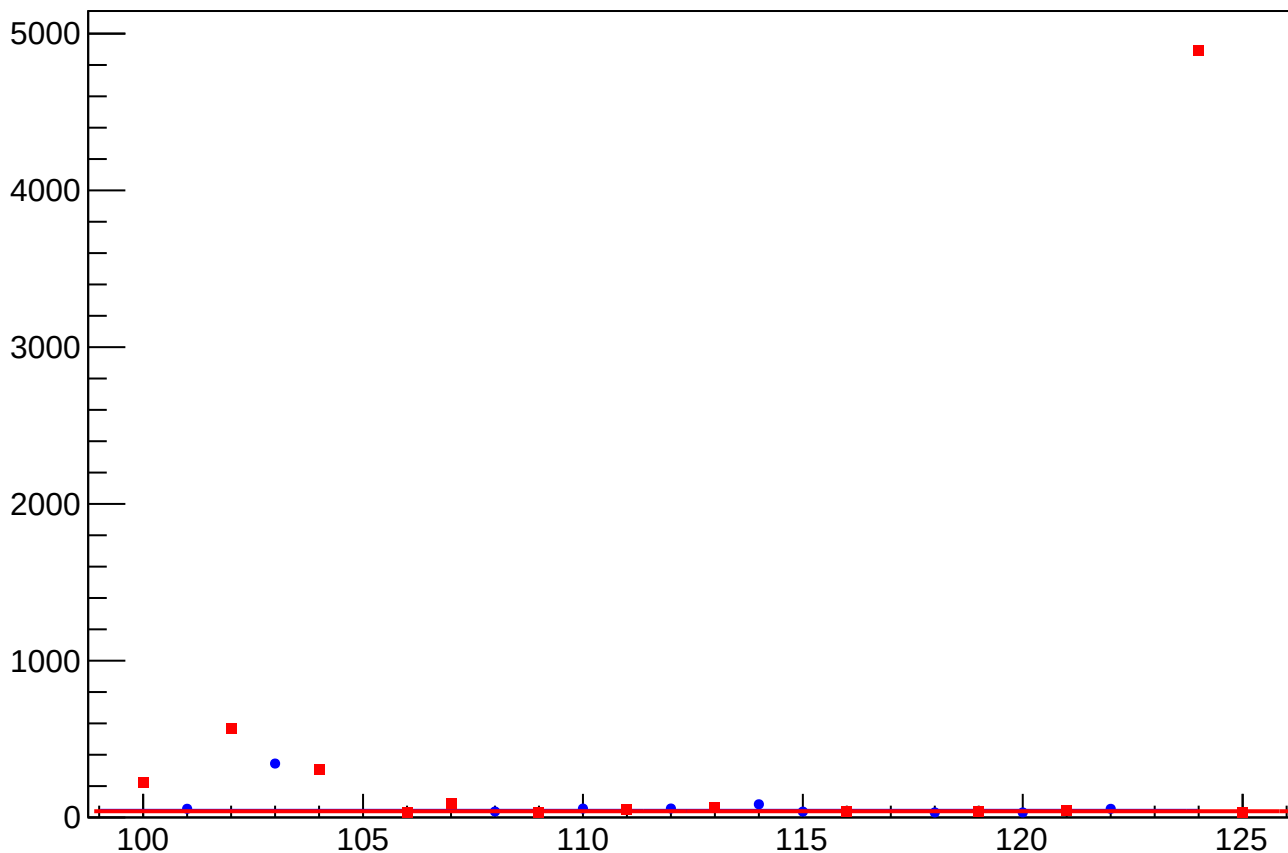
Right: 0.010+/-0.016 χ^2/NDF : 21.6/22

In: -0.000+/-0.024 χ^2/NDF : 10.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.016 χ^2/NDF : 21.6/22

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: 39.665+/-0.016 χ^2/NDF : 2414078.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

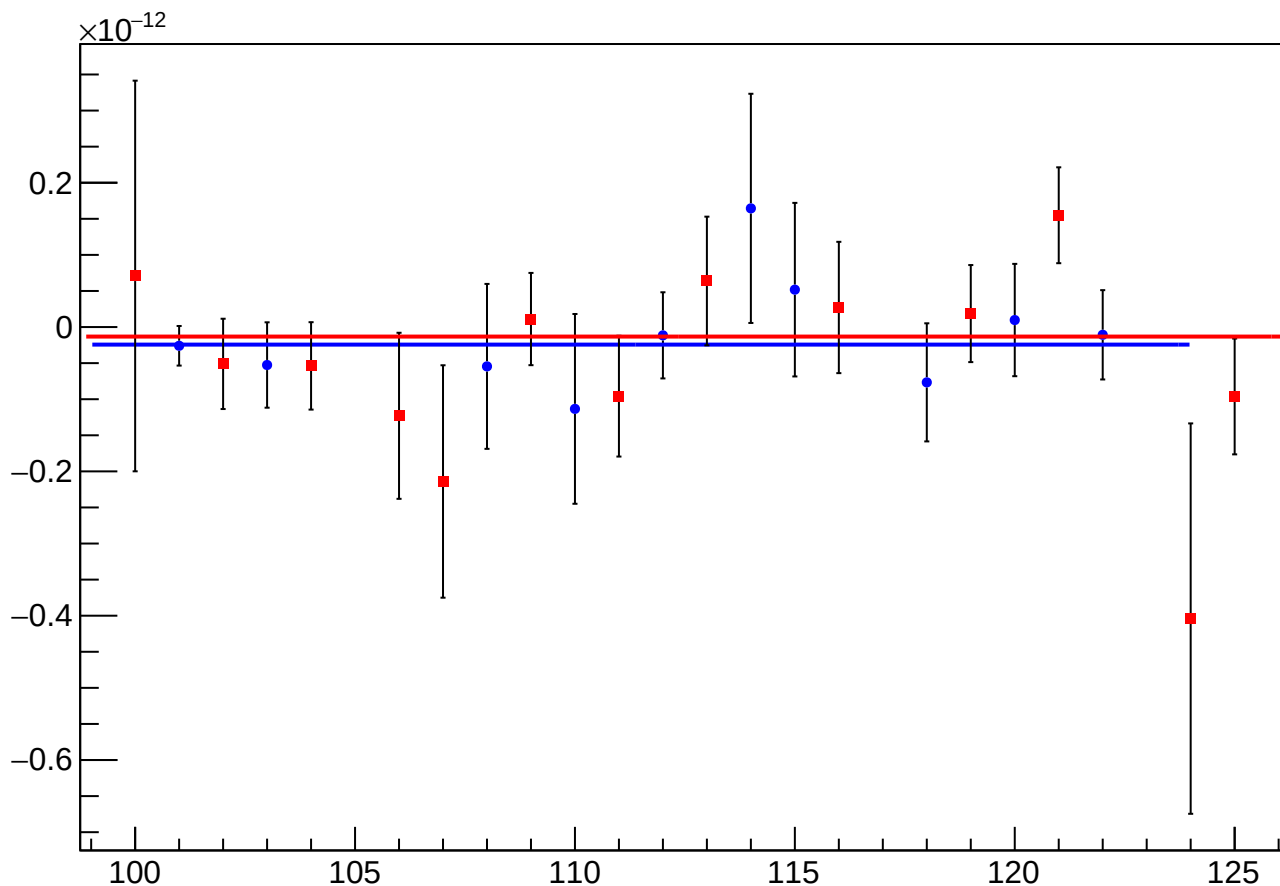
Right: 40.878+/-0.012 χ^2/NDF : 3769524.9/22

In: 42.274+/-0.017 χ^2/NDF : 1342971.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.878+/-0.012 χ^2/NDF : 3769524.9/22

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 : 15.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

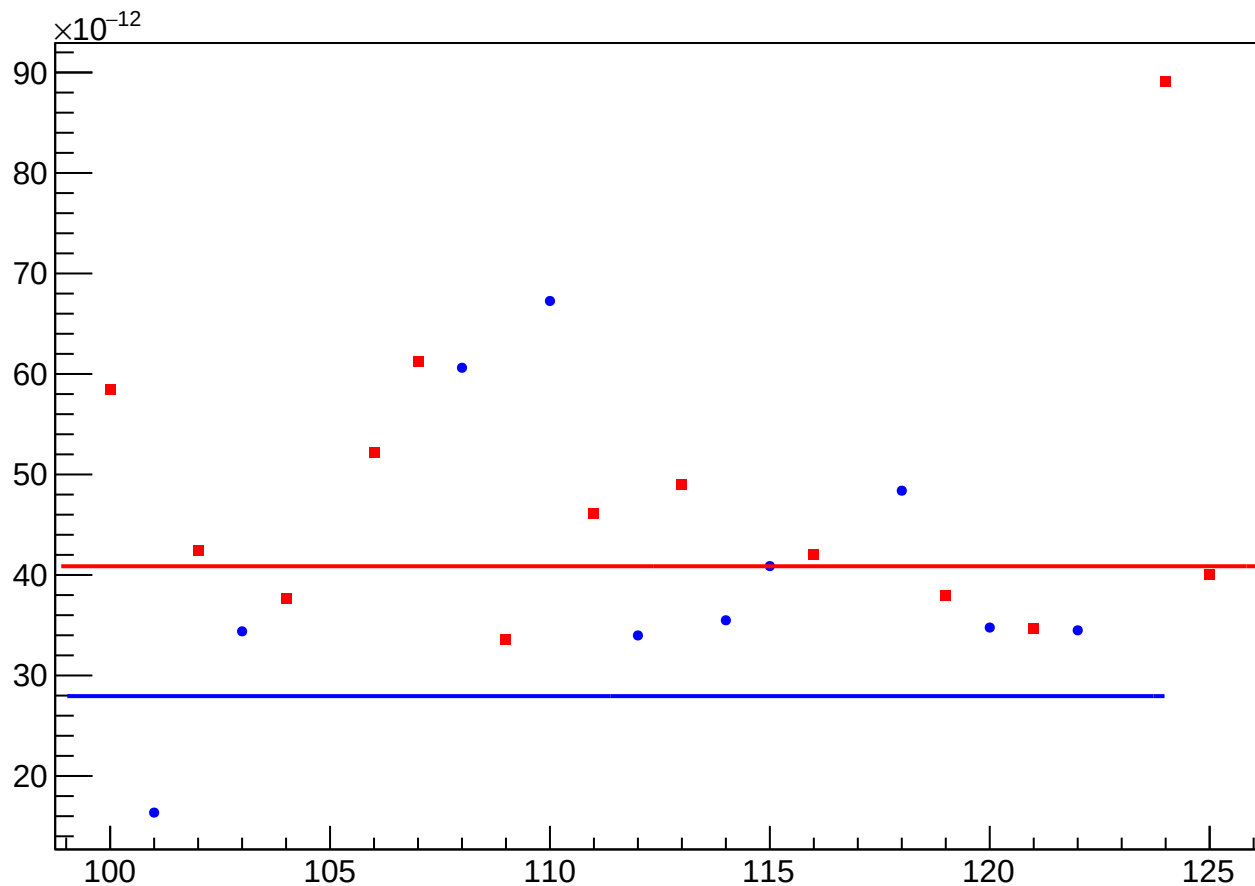
Right: -0.000+/-0.000 χ^2/NDF : 18.6/22

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 : 18.6/22

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 : 202514.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

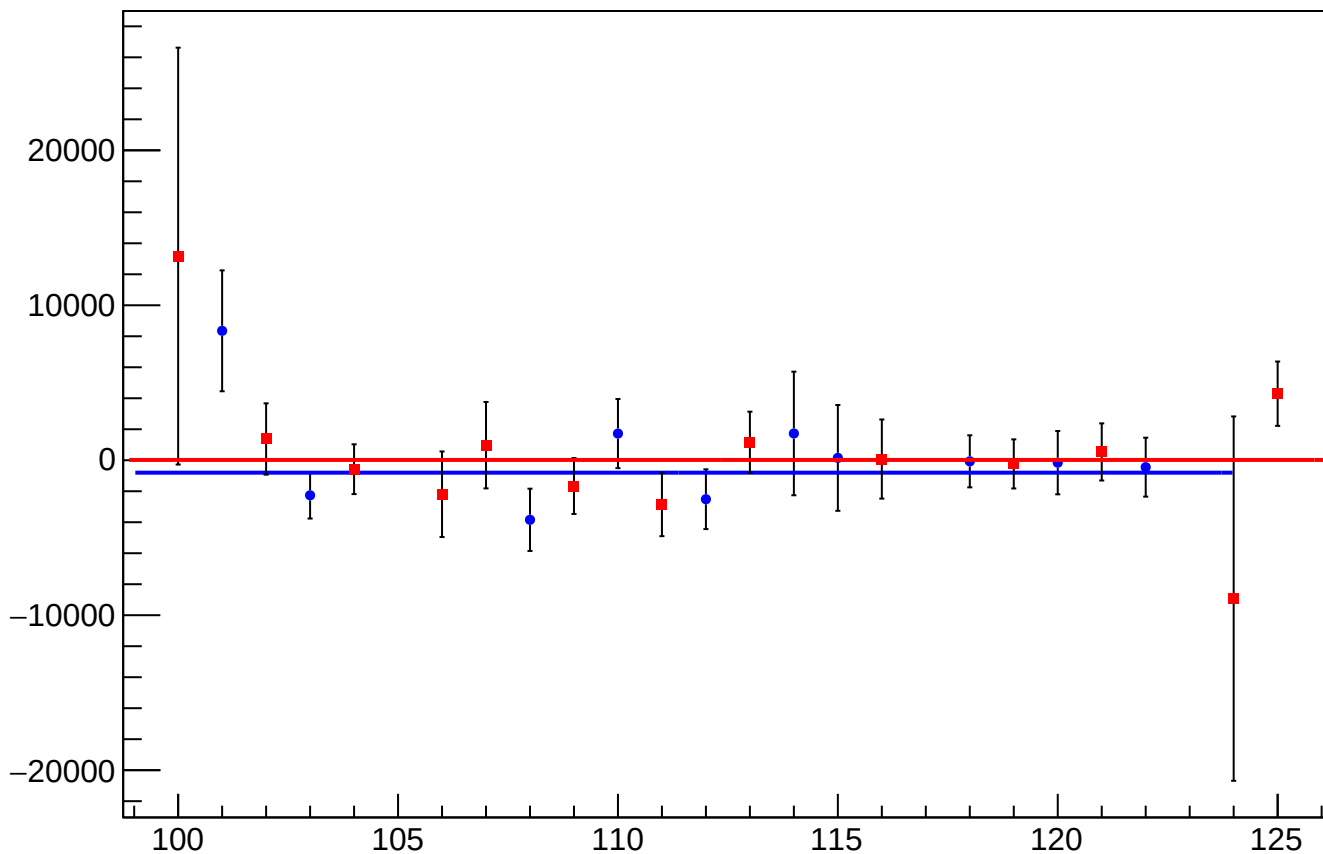
Right: 0.000+/-0.000 χ^2/NDF : 1510065.3/22

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 : 1510065.3/22

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: 20.346+/-605.125 χ^2/NDF : 10.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

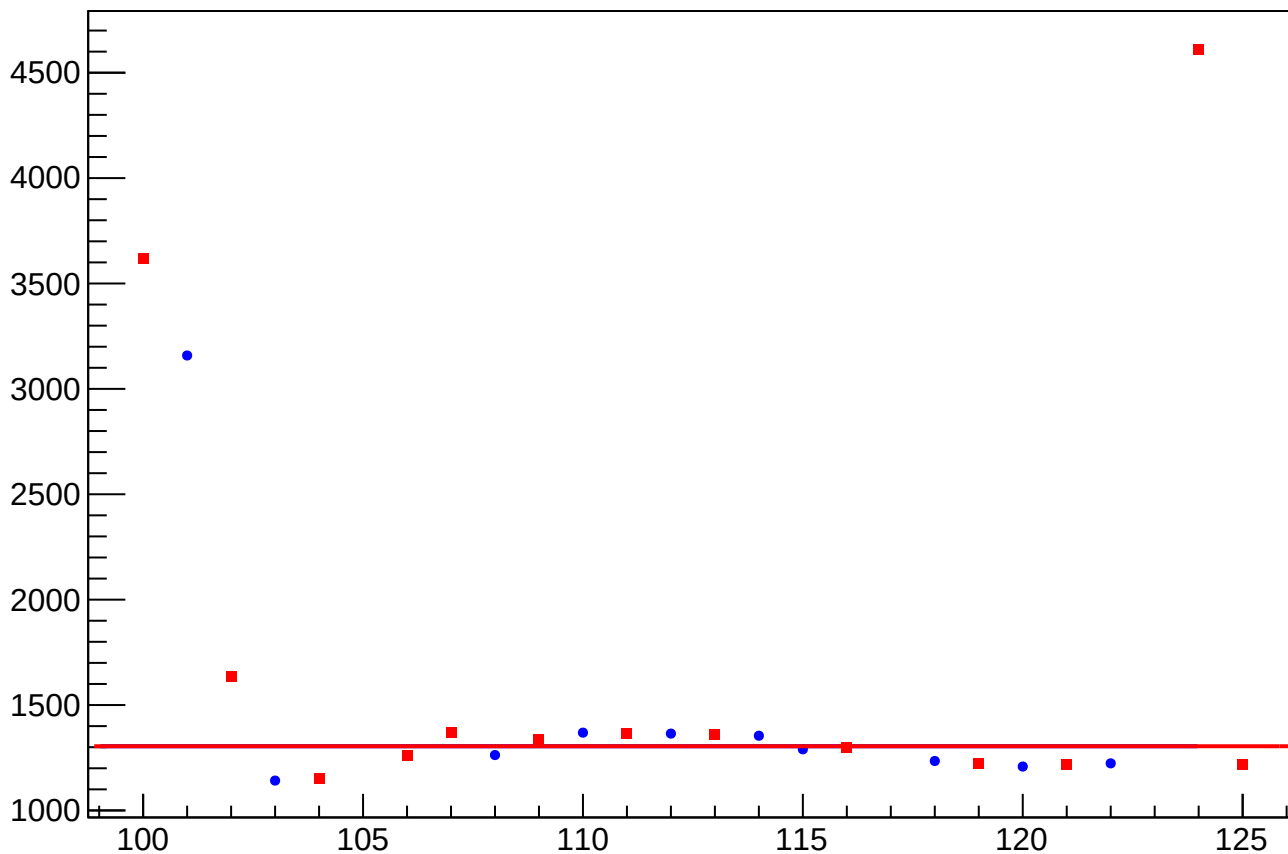
Right: -350.602+/-448.248 χ^2/NDF : 22.8/22

In: -801.633+/-667.256 χ^2/NDF :11.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -350.602+/-448.248 χ^2/NDF : 22.8/22

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: 1304.547+/-0.426 χ^2/NDF : 295849.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

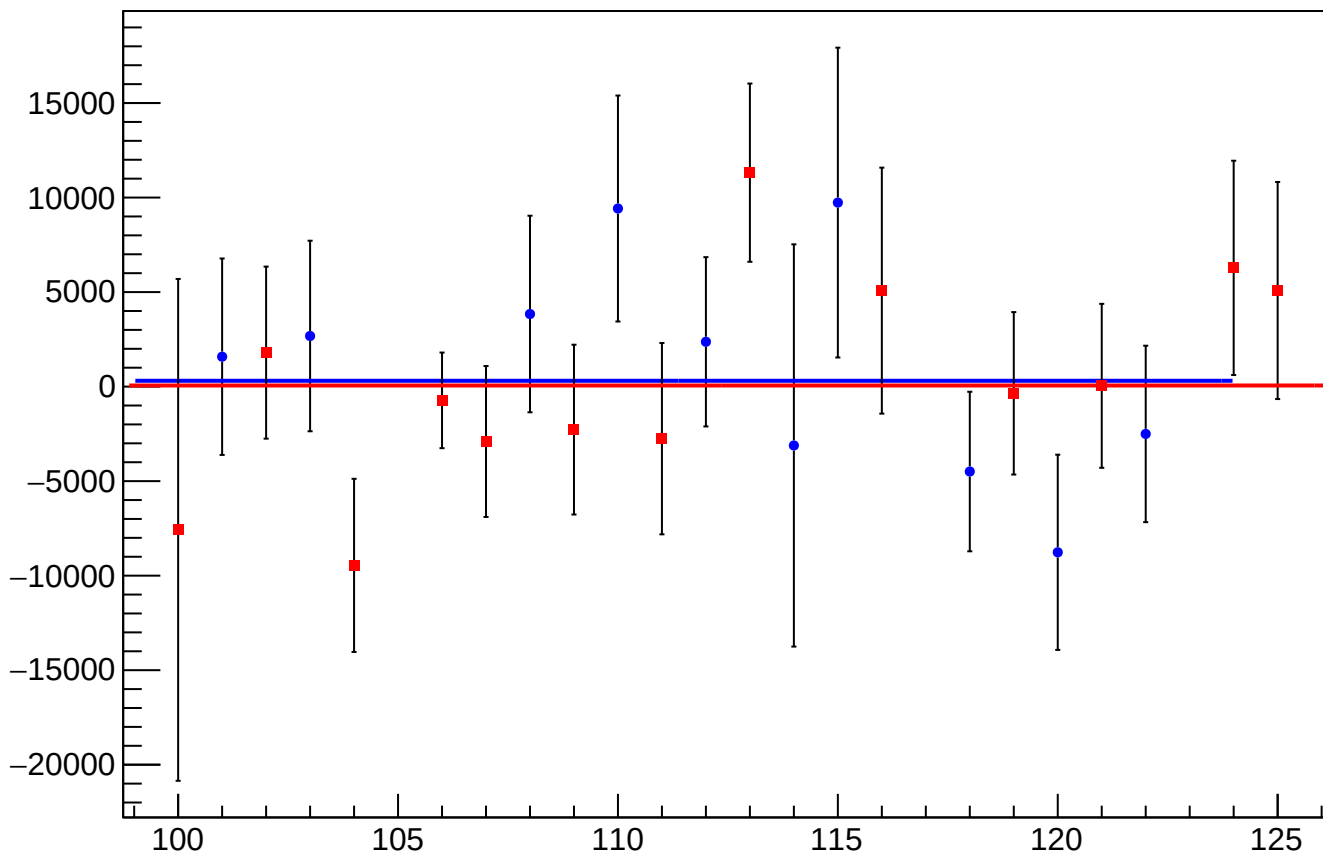
Right: 1304.540+/-0.316 χ^2/NDF : 787642.3/22

In: 1304.532+/-0.472 χ^2/NDF : 491792.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1304.540+/-0.316 χ^2/NDF : 787642.3/22

asym_at1_avg_at2_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 308.783 $\pm$ 1679.275 χ^2 /NDF: 9.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 59.434 $\pm$ 1243.369 χ^2 /NDF: 14.3/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

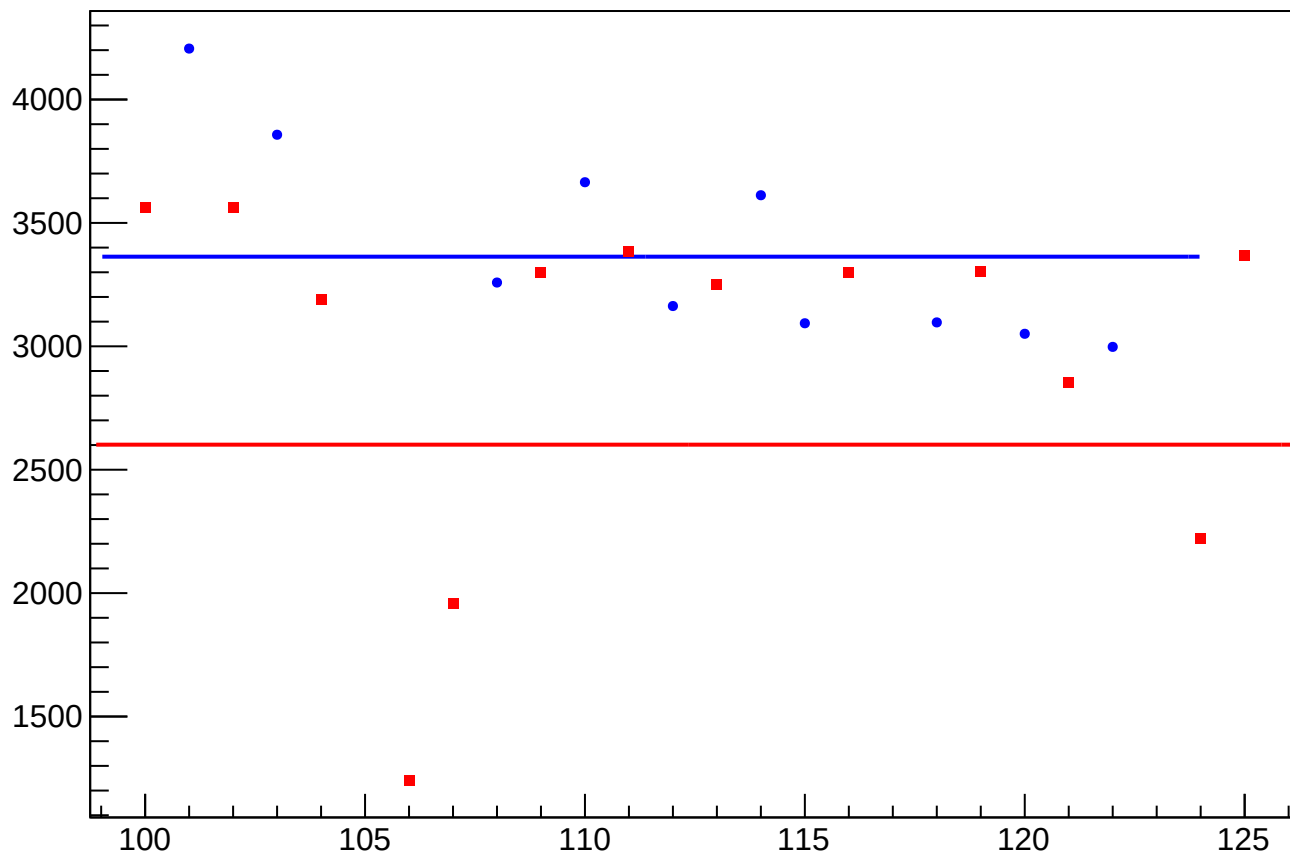
Right: 147.728 $\pm$ 999.271 χ^2 /NDF: 23.8/22

In: 308.783 $\pm$ 1679.275 χ^2 /NDF:9.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 147.728 $\pm$ 999.271 χ^2 /NDF: 23.8/22

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: 2601.518+/-0.879 χ^2/NDF : 1024199.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

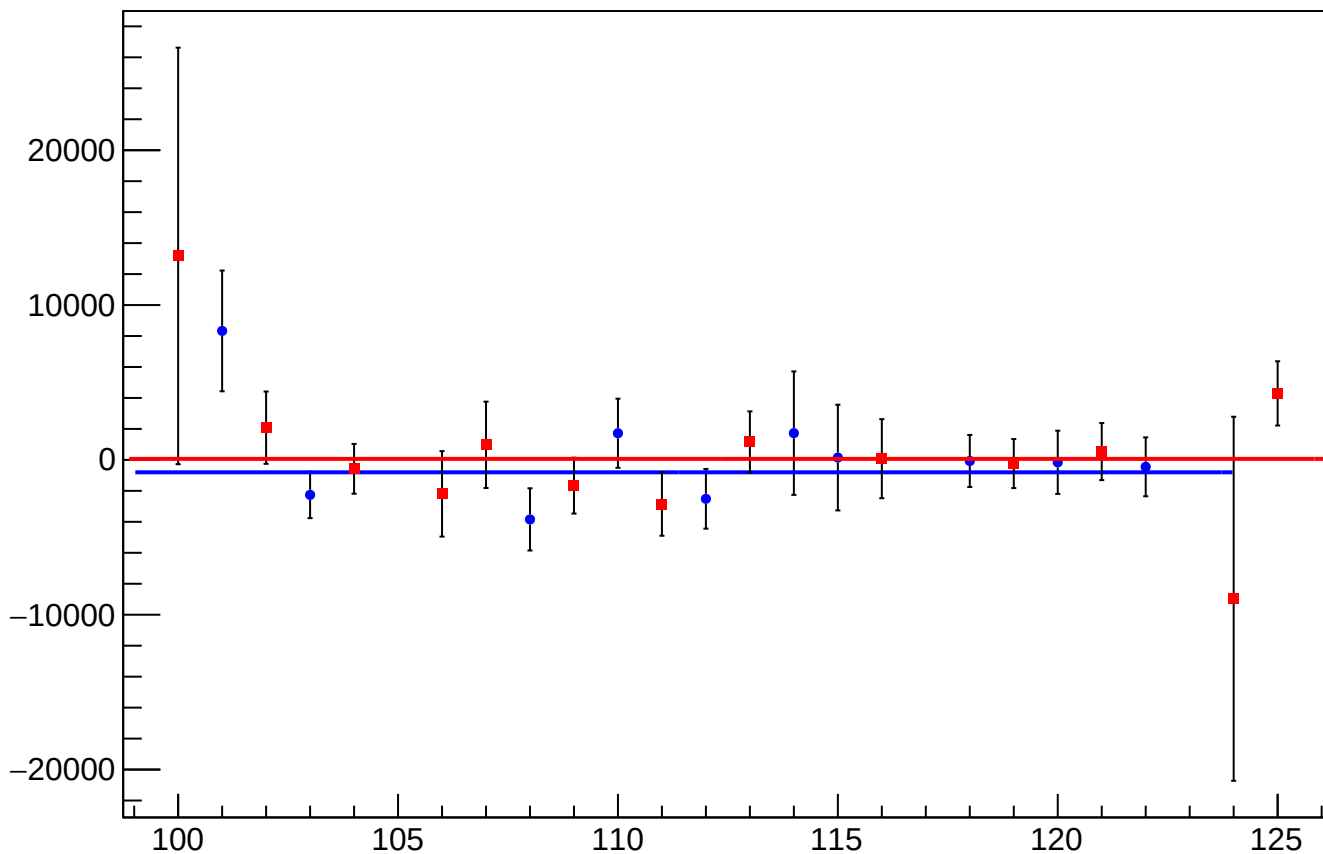
Right: 2871.239+/-0.707 χ^2/NDF : 1402593.6/22

In: 3363.231+/-1.187 χ^2/NDF : 112605.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2871.239+/-0.707 χ^2/NDF : 1402593.6/22

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: 65.171+/-605.744 χ^2/NDF : 10.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

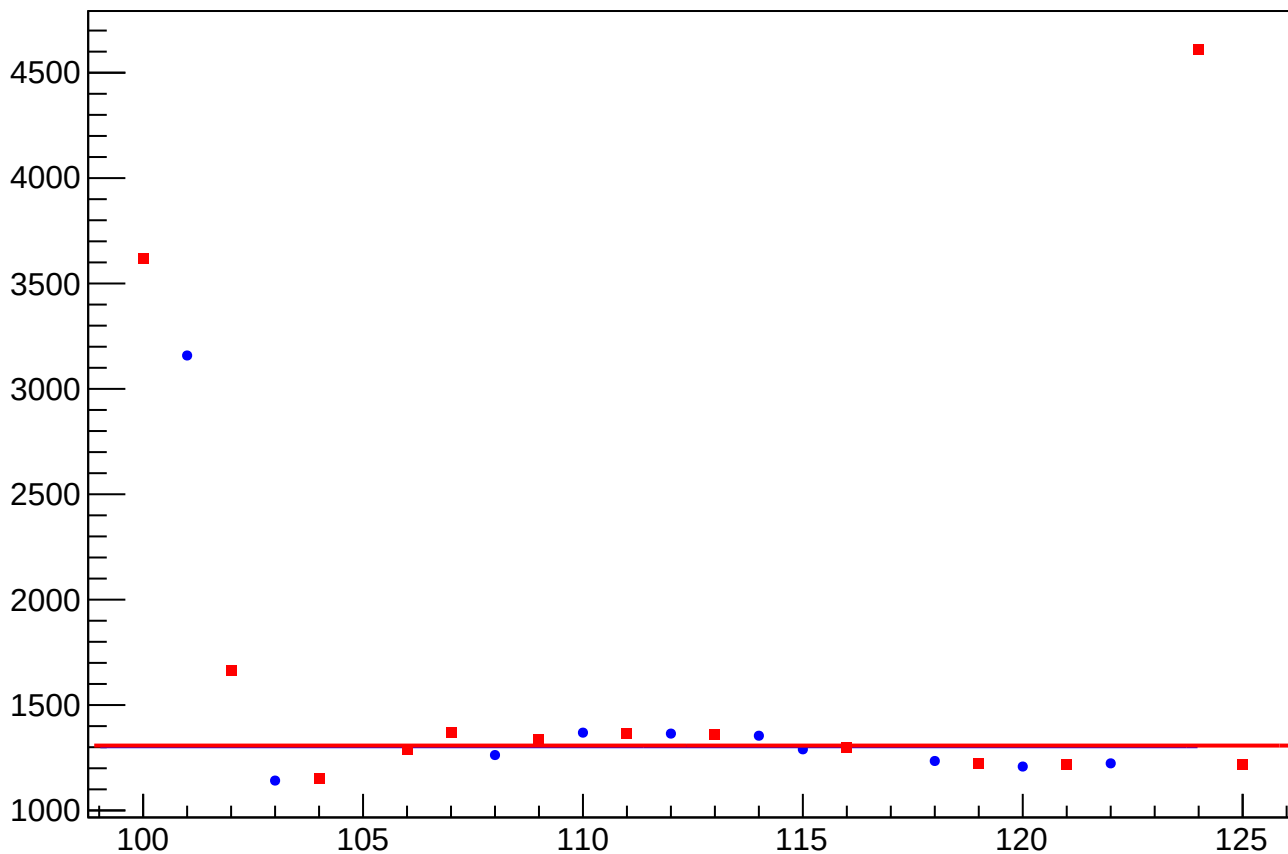
Right: -326.767+/-448.499 χ^2/NDF : 23.3/22

In: -802.348+/-667.256 χ^2/NDF : 11.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -326.767+/-448.499 χ^2/NDF : 23.3/22

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: 1307.691+/-0.427 χ^2/NDF : 302160.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

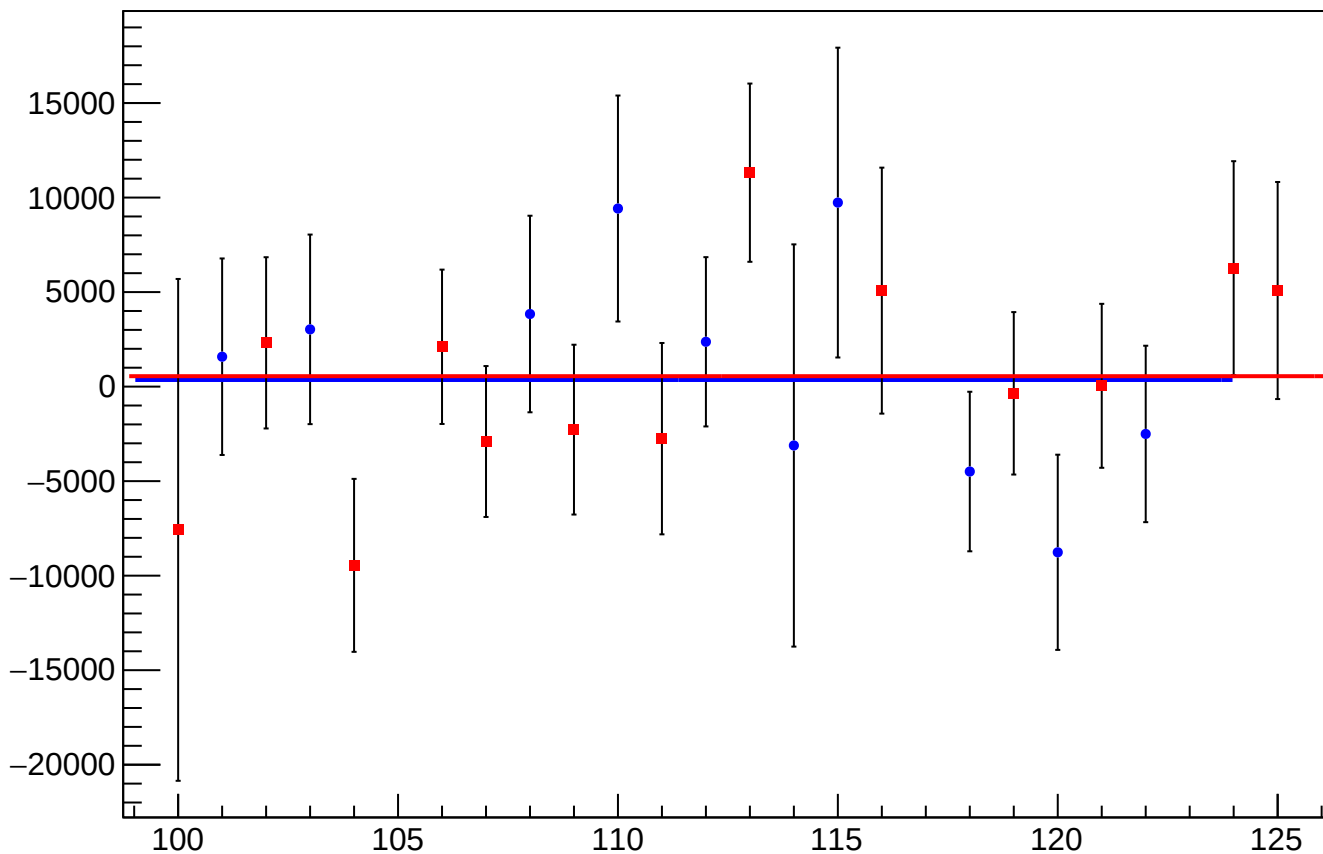
Right: 1306.268+/-0.317 χ^2/NDF : 793979.5/22

In: 1304.532+/-0.472 χ^2/NDF : 491794.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1306.268+/-0.317 χ^2/NDF : 793979.5/22

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: 551.385+/-1347.016 χ^2/NDF : 14.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

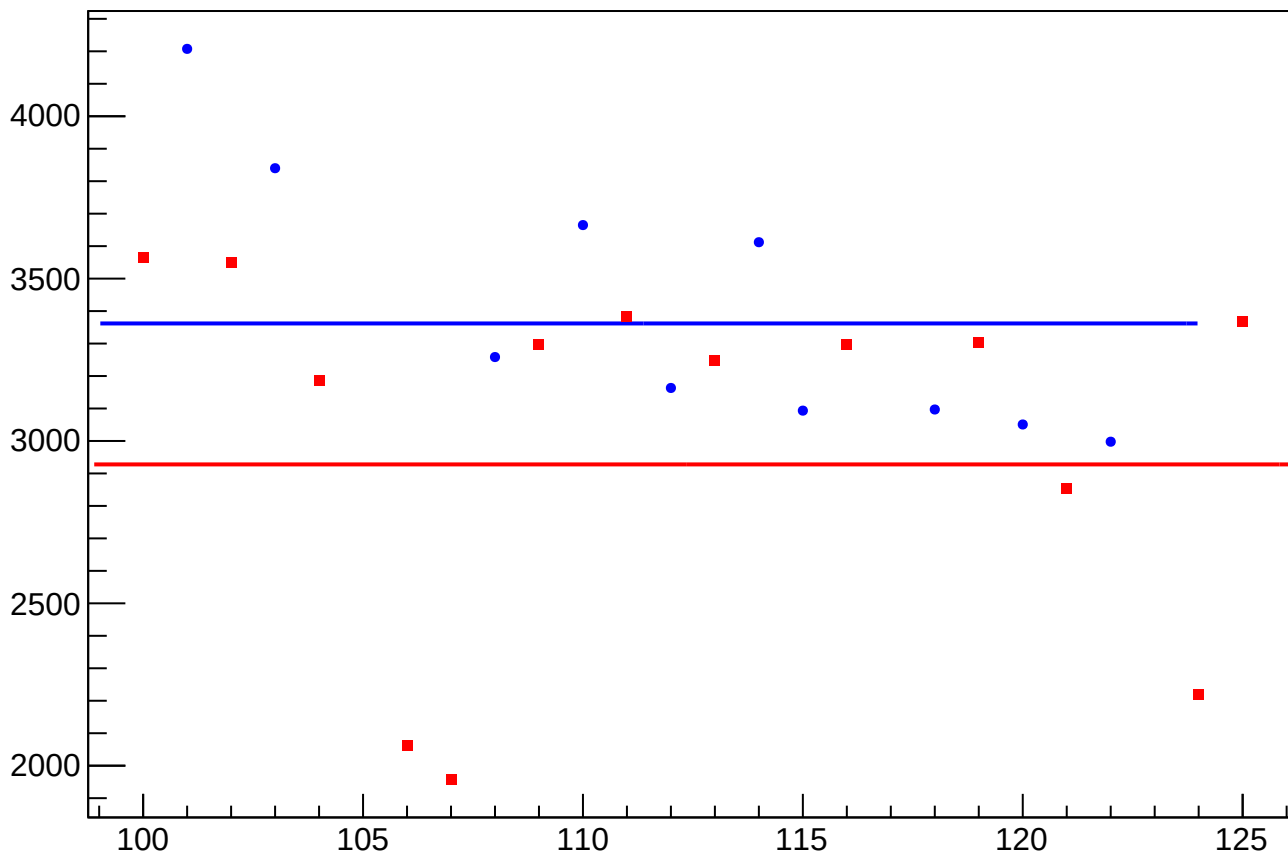
Right: 472.726+/-1050.517 χ^2/NDF : 24.0/22

In: 350.610+/-1678.349 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 472.726+/-1050.517 χ^2/NDF : 24.0/22

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: 2927.820+/-0.952 χ^2/NDF : 361716.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

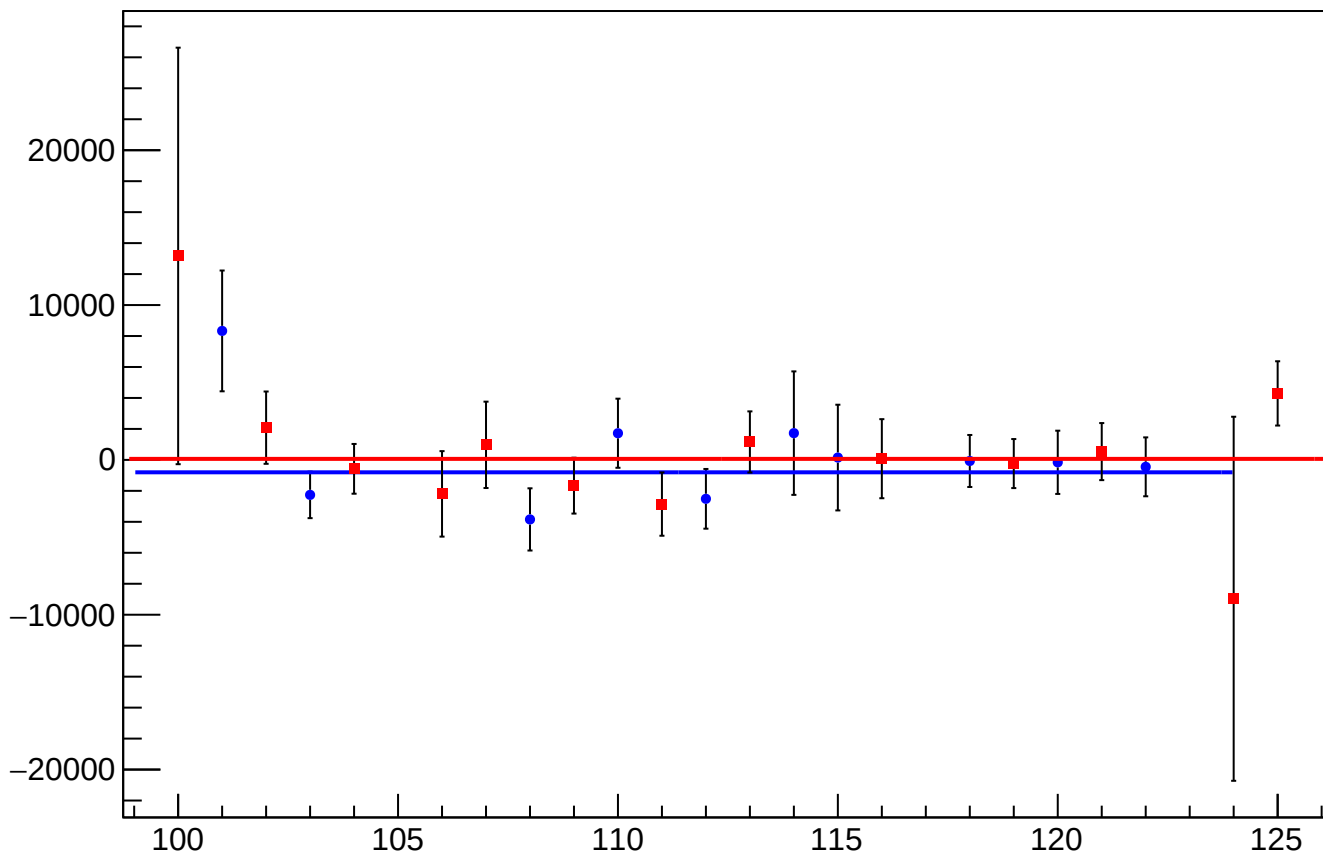
Right: 3097.893+/-0.743 χ^2/NDF : 554674.9/22

In: 3361.923+/-1.187 χ^2/NDF : 111579.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3097.893+/-0.743 χ^2/NDF : 554674.9/22

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: 65.171+/-605.744 χ^2/NDF : 10.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

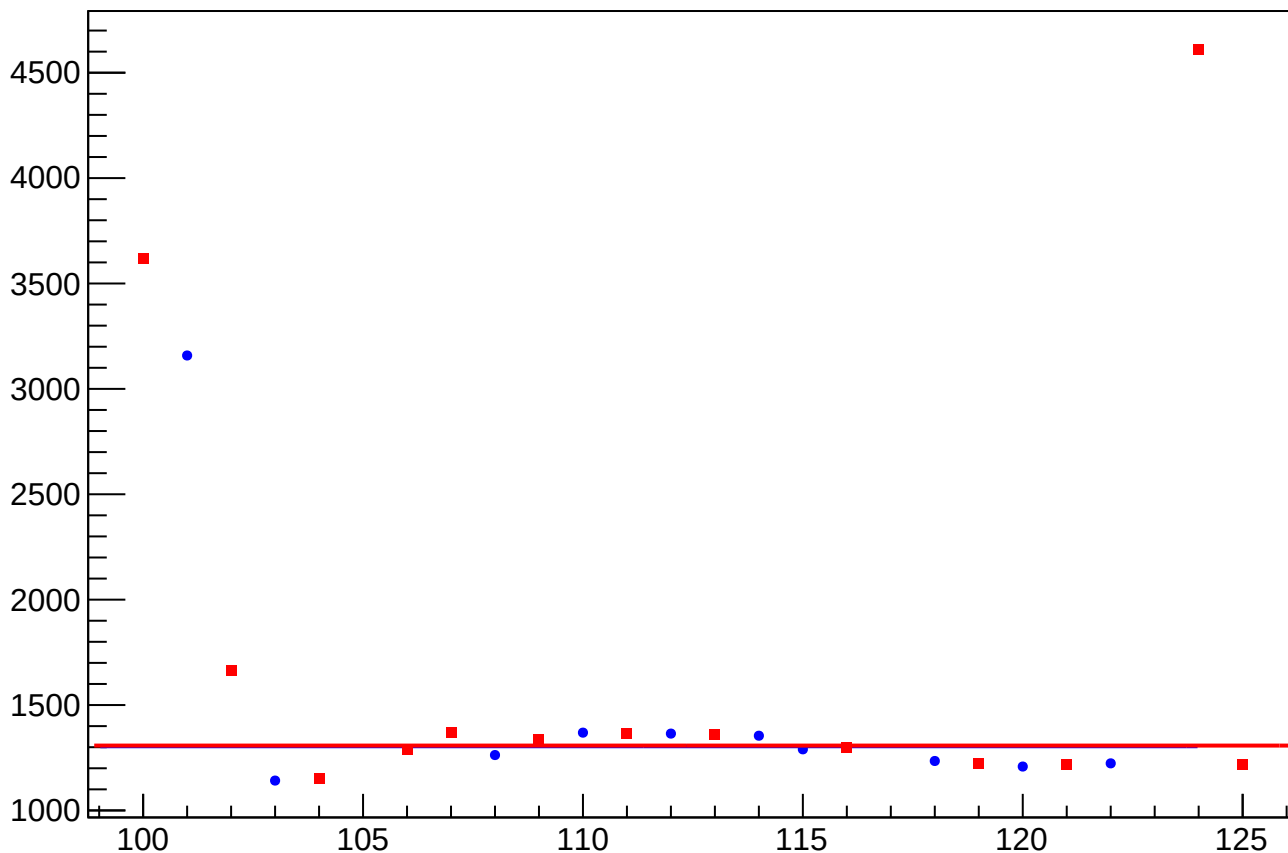
Right: -326.767+/-448.499 χ^2/NDF : 23.3/22

In: -802.348+/-667.256 χ^2/NDF :11.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -326.767+/-448.499 χ^2/NDF : 23.3/22

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: 1307.691+/-0.427 χ^2/NDF : 302160.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

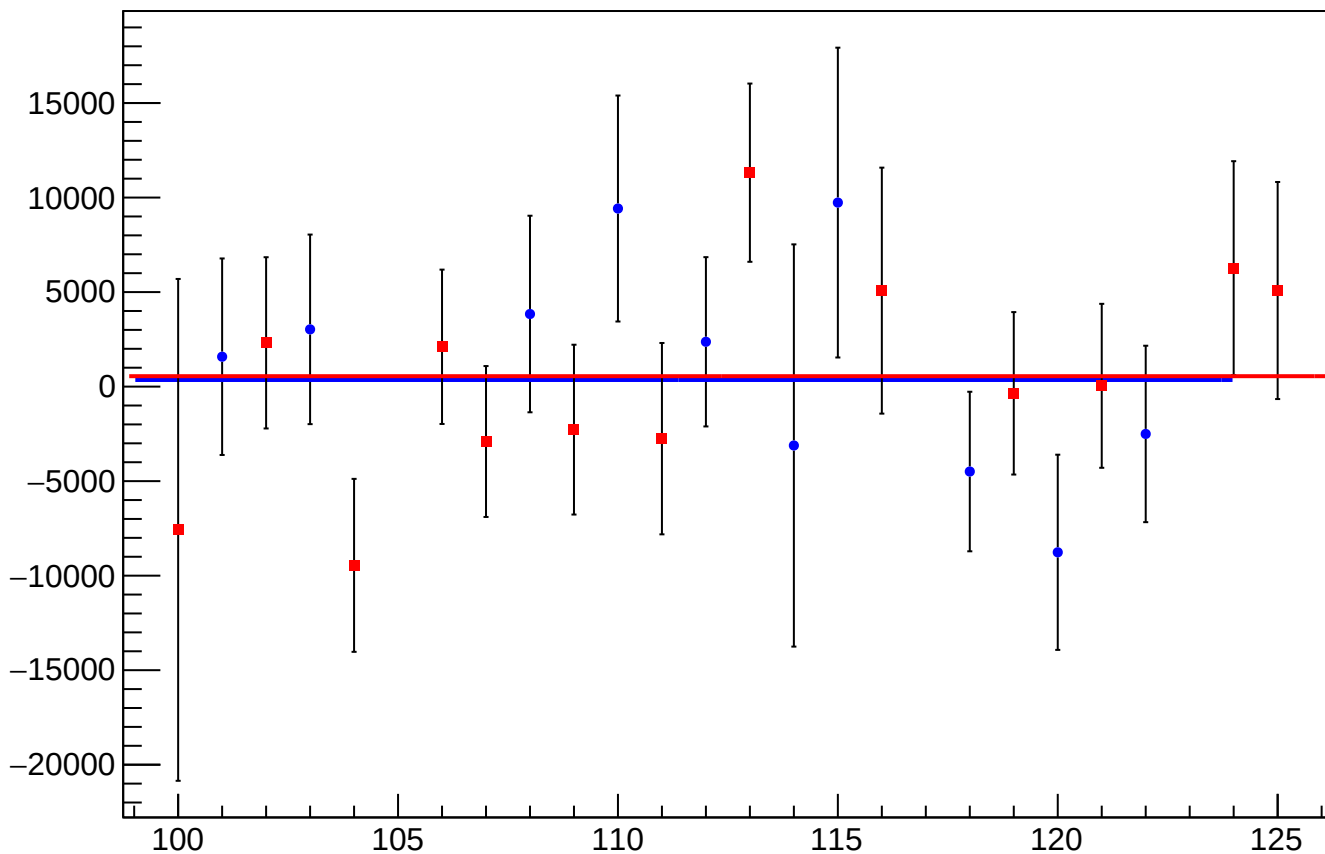
Right: 1306.268+/-0.317 χ^2/NDF : 793979.5/22

In: 1304.532+/-0.472 χ^2/NDF : 491794.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1306.268+/-0.317 χ^2/NDF : 793979.5/22

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: 551.385+/-1347.016 χ^2/NDF : 14.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

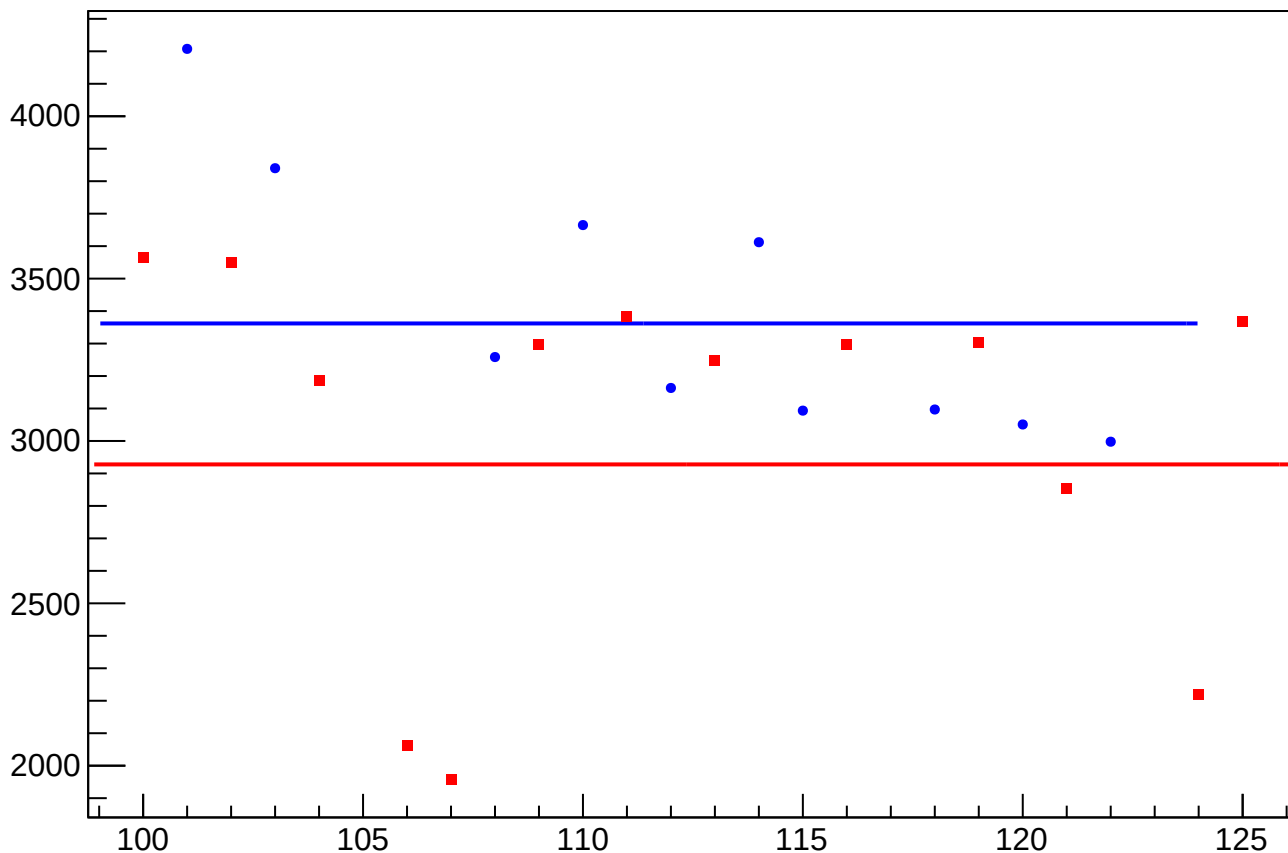
Right: 472.726+/-1050.517 χ^2/NDF : 24.0/22

In: 350.610+/-1678.349 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 472.726+/-1050.517 χ^2/NDF : 24.0/22

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: 2927.820+/-0.952 χ^2/NDF : 361716.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

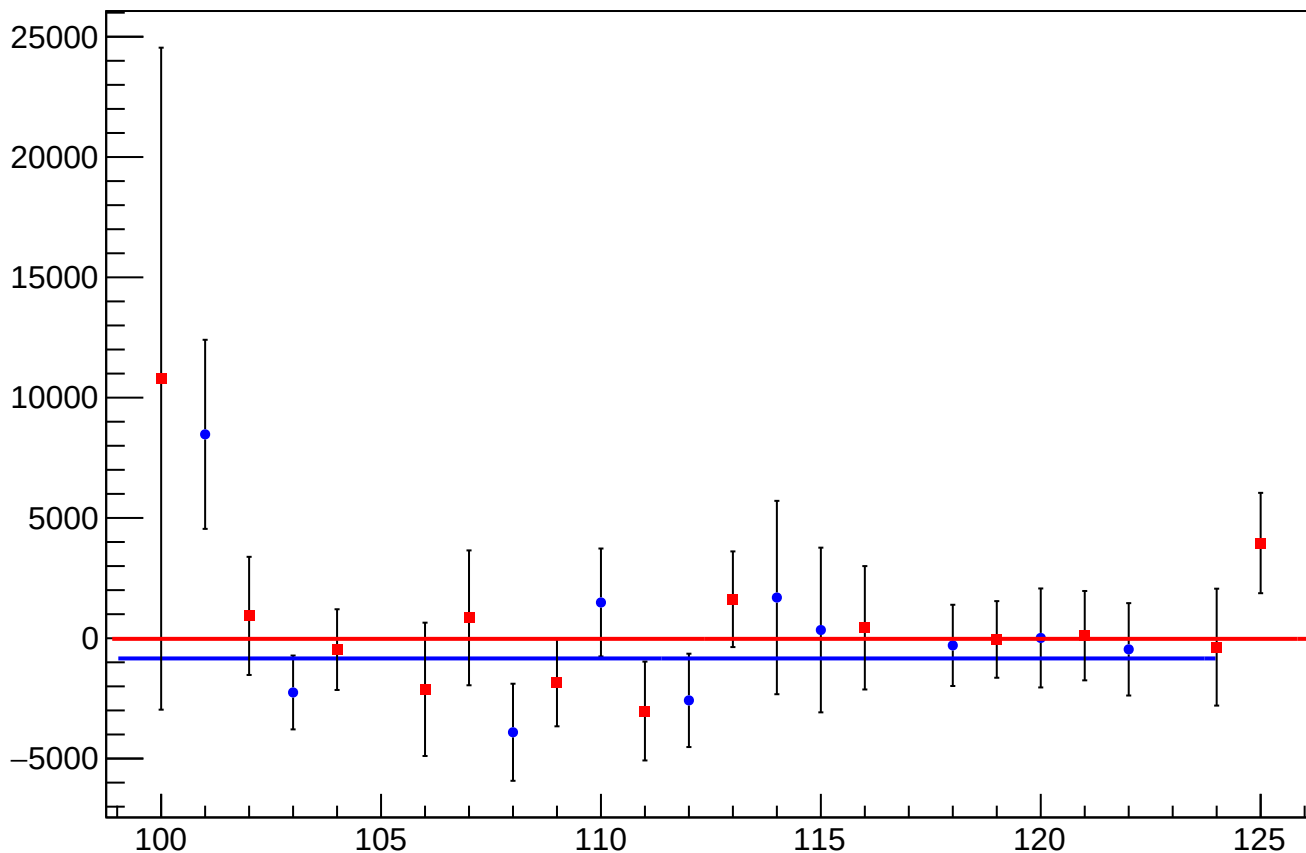
Right: 3097.893+/-0.743 χ^2/NDF : 554674.9/22

In: 3361.923+/-1.187 χ^2/NDF : 111579.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3097.893+/-0.743 χ^2/NDF : 554674.9/22

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: -24.839+/-596.093 χ^2/NDF : 9.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

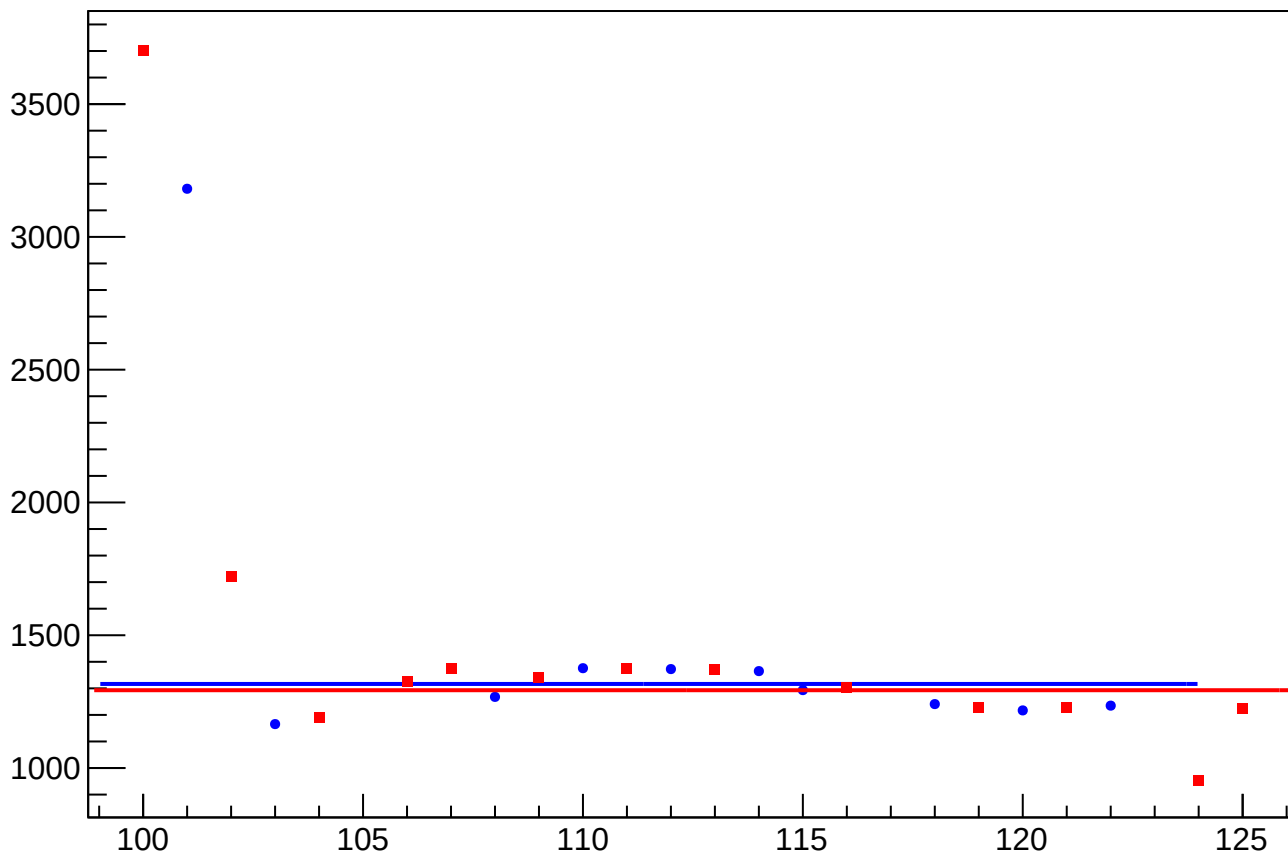
Right: -382.686+/-446.311 χ^2/NDF : 21.4/22

In: -839.228+/-673.294 χ^2/NDF : 11.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -382.686+/-446.311 χ^2/NDF : 21.4/22

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: 1293.001+/-0.421 χ^2/NDF : 186268.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

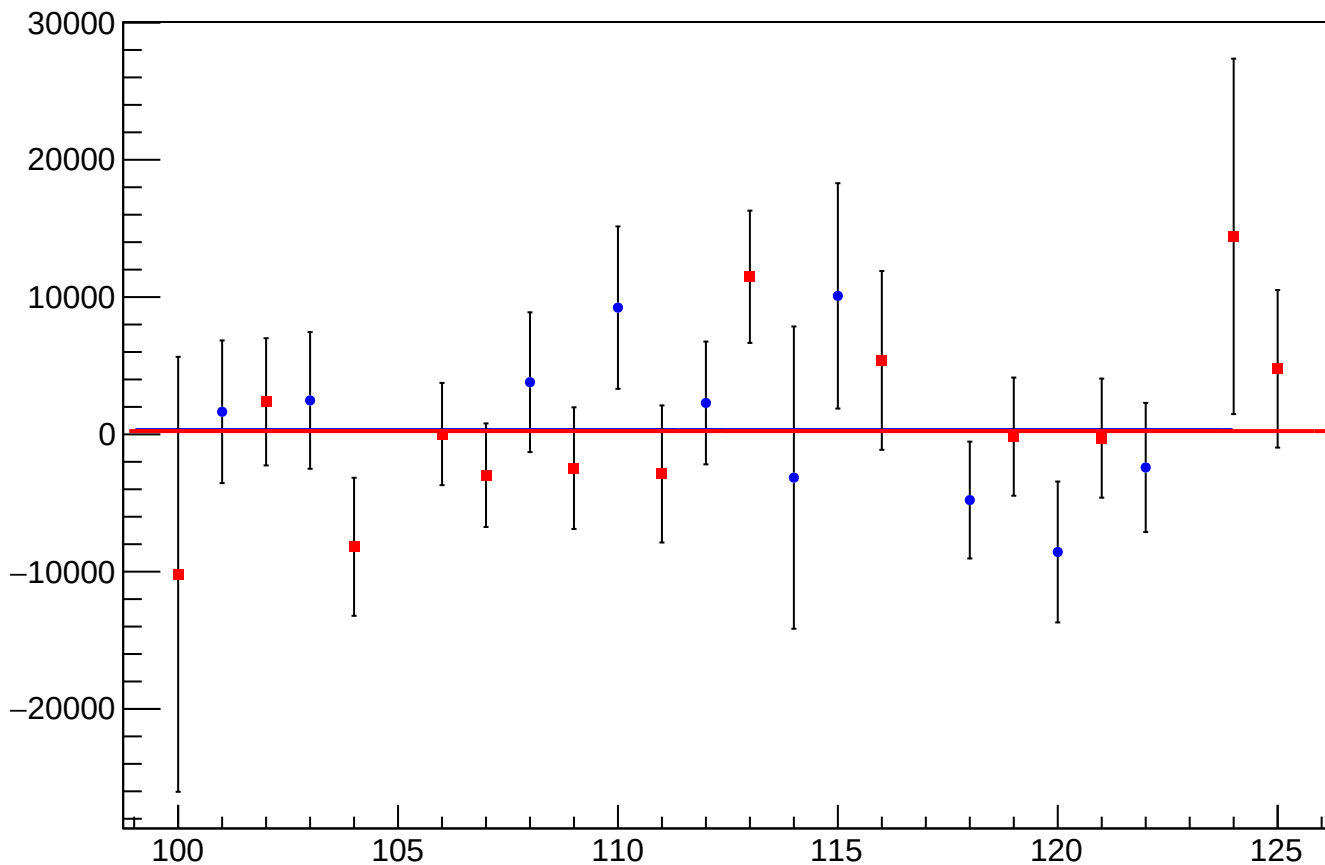
Right: 1303.352+/-0.315 χ^2/NDF : 674467.0/22

In: 1316.587+/-0.476 χ^2/NDF : 486821.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1303.352+/-0.315 χ^2/NDF : 674467.0/22

asym_at1_avg_at2_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 310.805+/-1675.980 χ^2 /NDF: 9.5/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 237.000+/-1368.624 χ^2 /NDF: 12.9/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

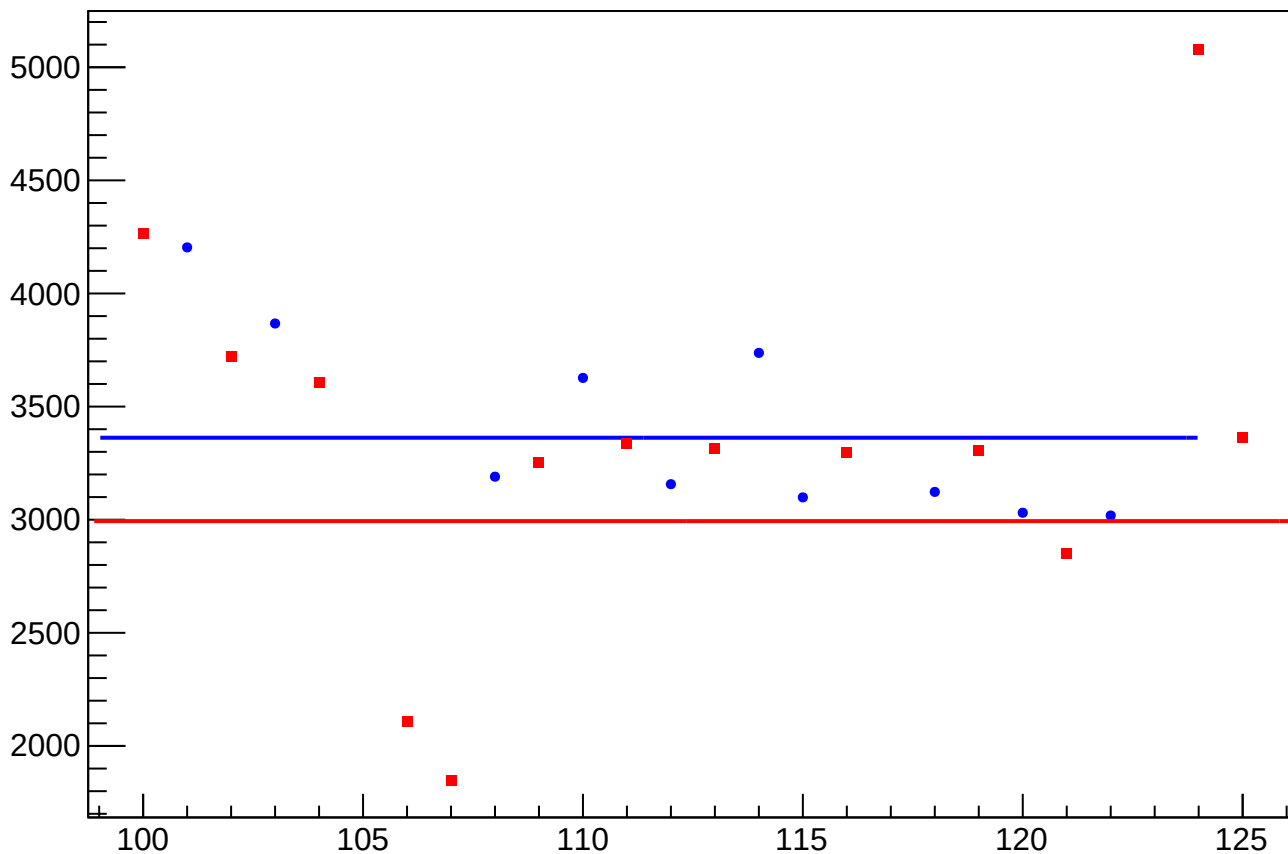
Right: 266.527+/-1060.072 χ^2 /NDF: 22.3/22

In: 310.805+/-1675.980 χ^2 /NDF:9.5/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 266.527+/-1060.072 χ^2 /NDF: 22.3/22

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: 2993.777+/-0.968 χ^2/NDF : 492303.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

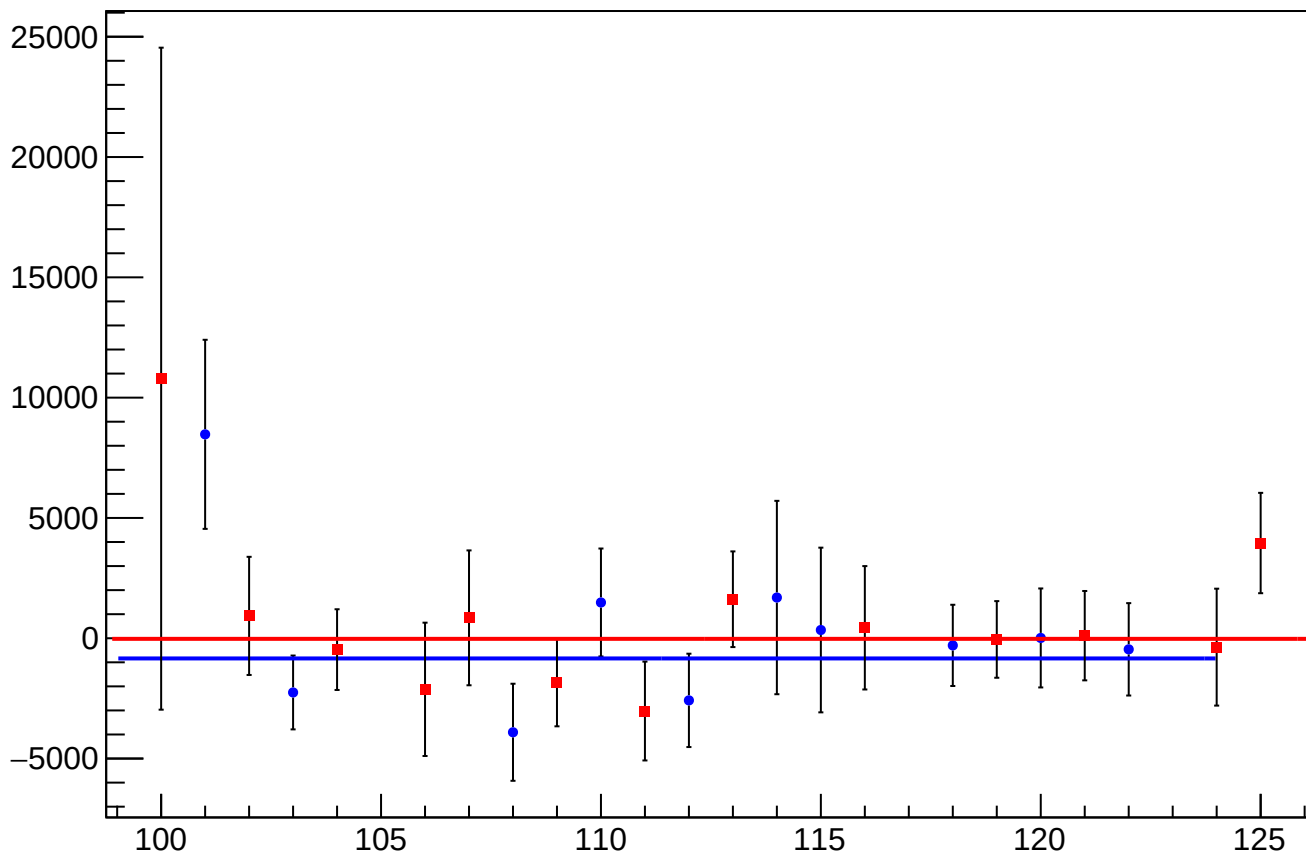
Right: 3141.241+/-0.750 χ^2/NDF : 663593.9/22

In: 3362.376+/-1.185 χ^2/NDF : 113253.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3141.241+/-0.750 χ^2/NDF : 663593.9/22

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: -24.850+/-596.092 χ^2/NDF : 9.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

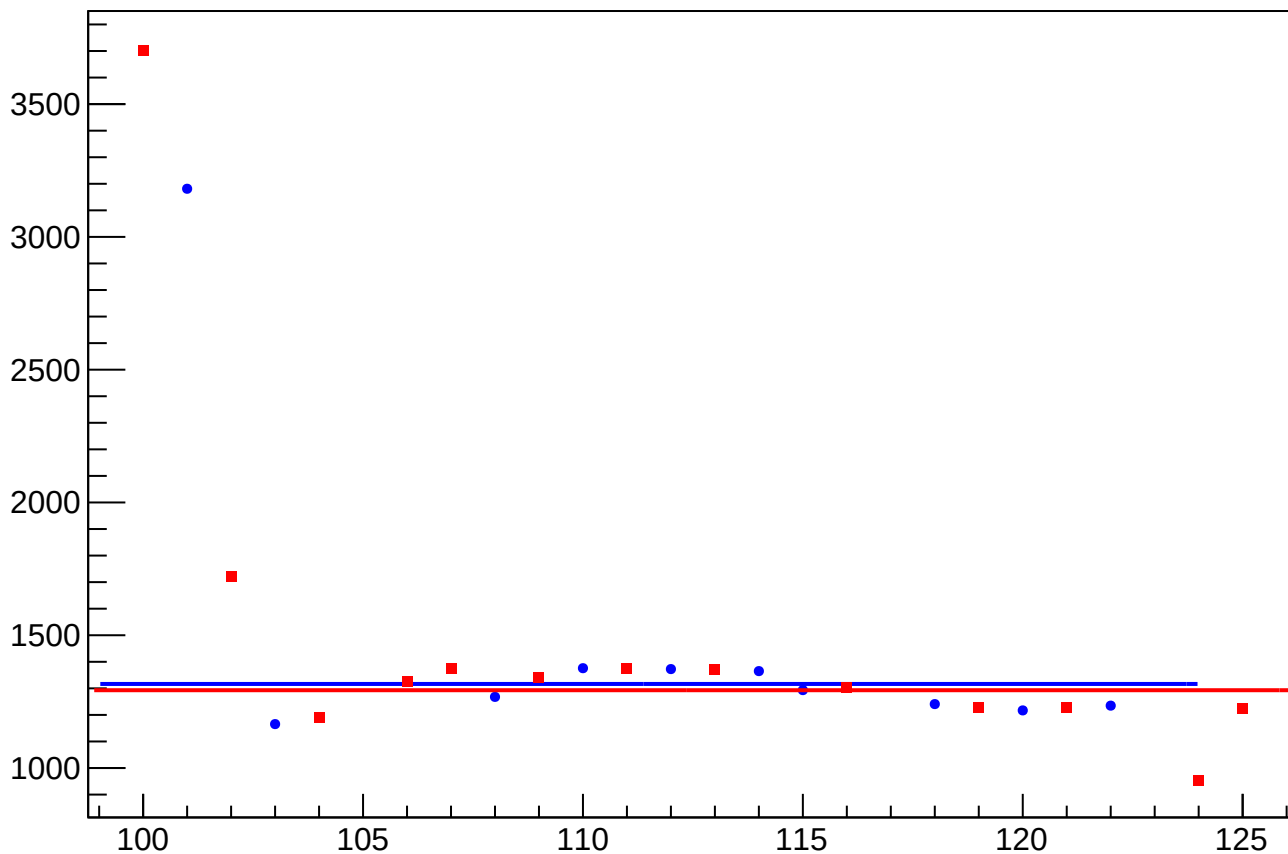
Right: -382.691+/-446.311 χ^2/NDF : 21.4/22

In: -839.225+/-673.294 χ^2/NDF : 11.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -382.691+/-446.311 χ^2/NDF : 21.4/22

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: 1293.001+/-0.421 χ^2/NDF : 186268.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

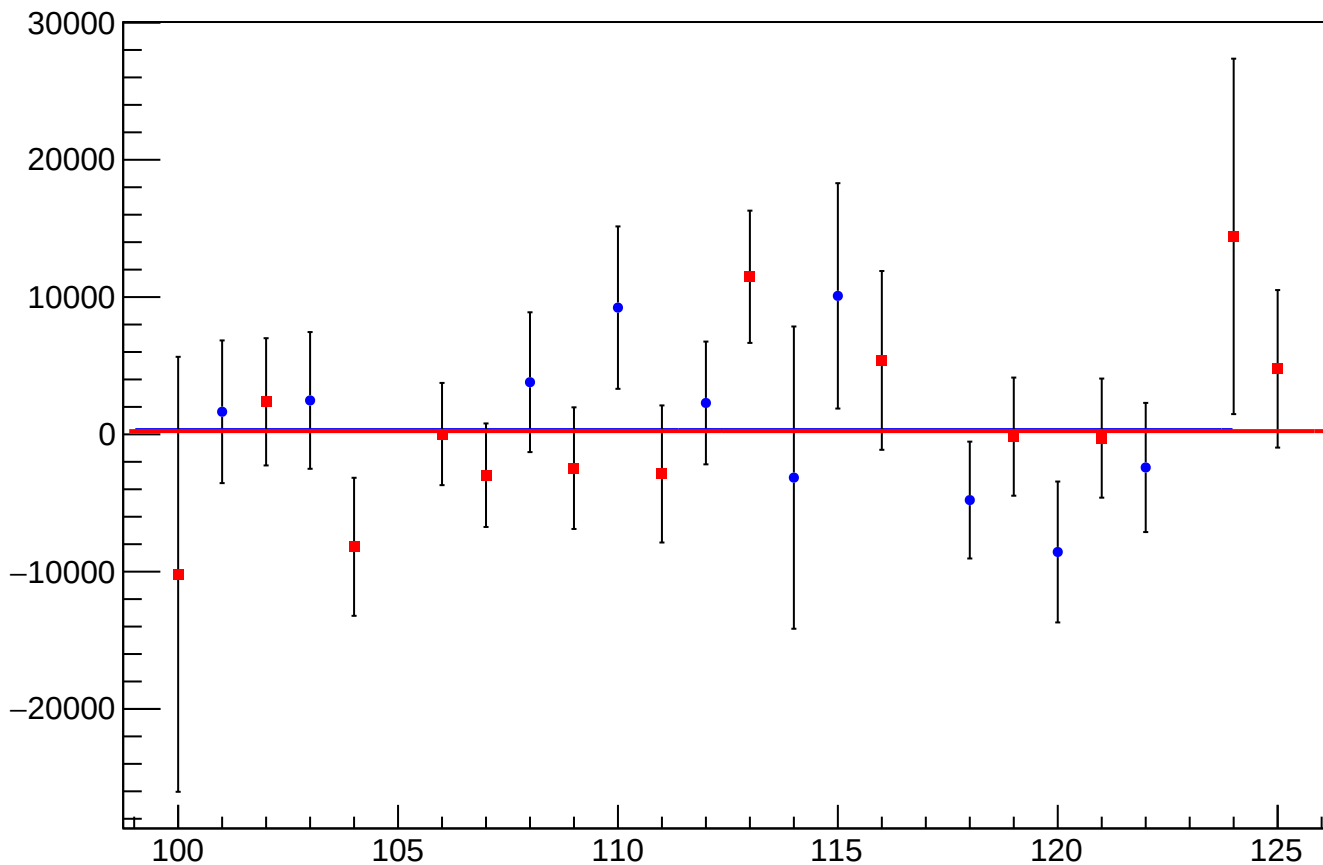
Right: 1303.352+/-0.315 χ^2/NDF : 674467.2/22

In: 1316.587+/-0.476 χ^2/NDF : 486821.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1303.352+/-0.315 χ^2/NDF : 674467.2/22

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: 236.995+/-1368.620 χ^2/NDF : 12.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

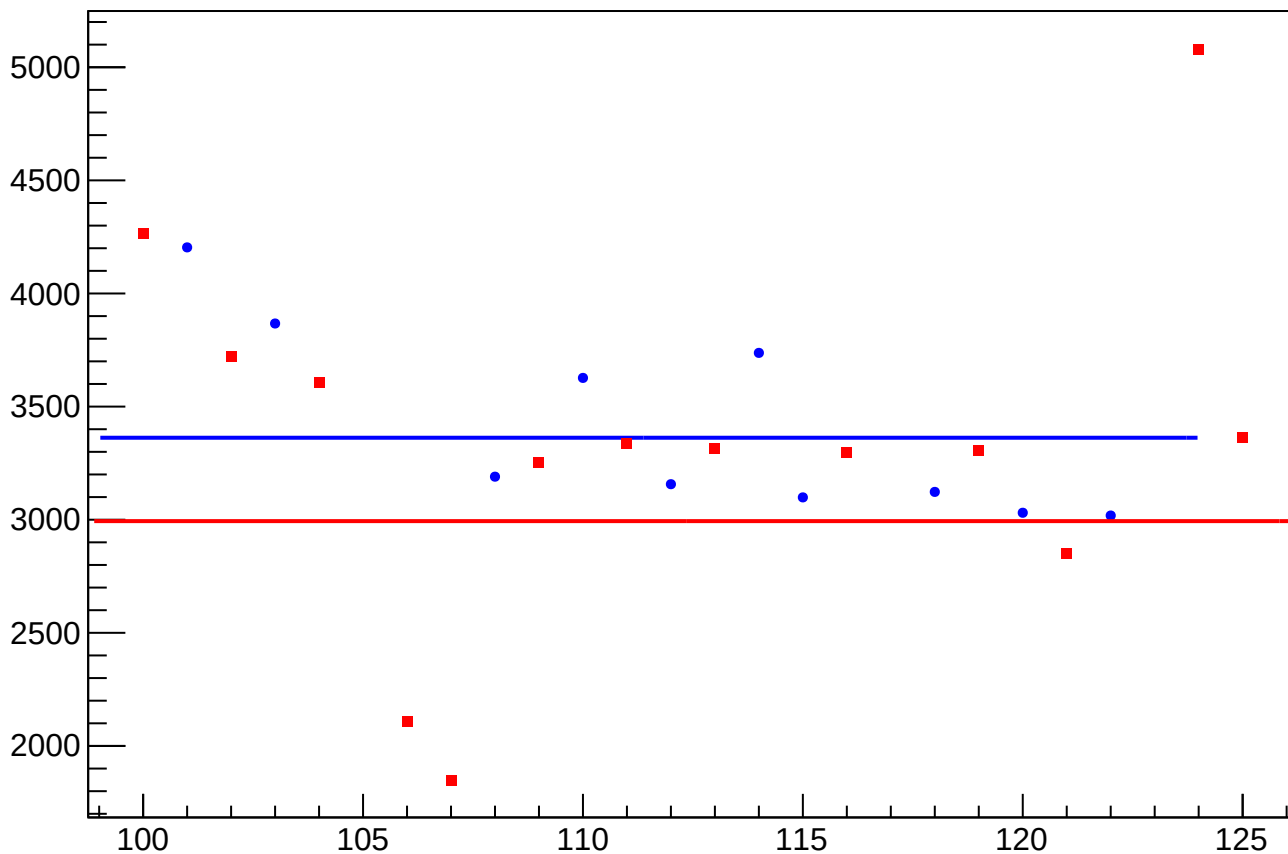
Right: 266.520+/-1060.069 χ^2/NDF : 22.3/22

In: 310.796+/-1675.975 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 266.520+/-1060.069 χ^2/NDF : 22.3/22

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: 2993.769+/-0.968 χ^2/NDF : 492305.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

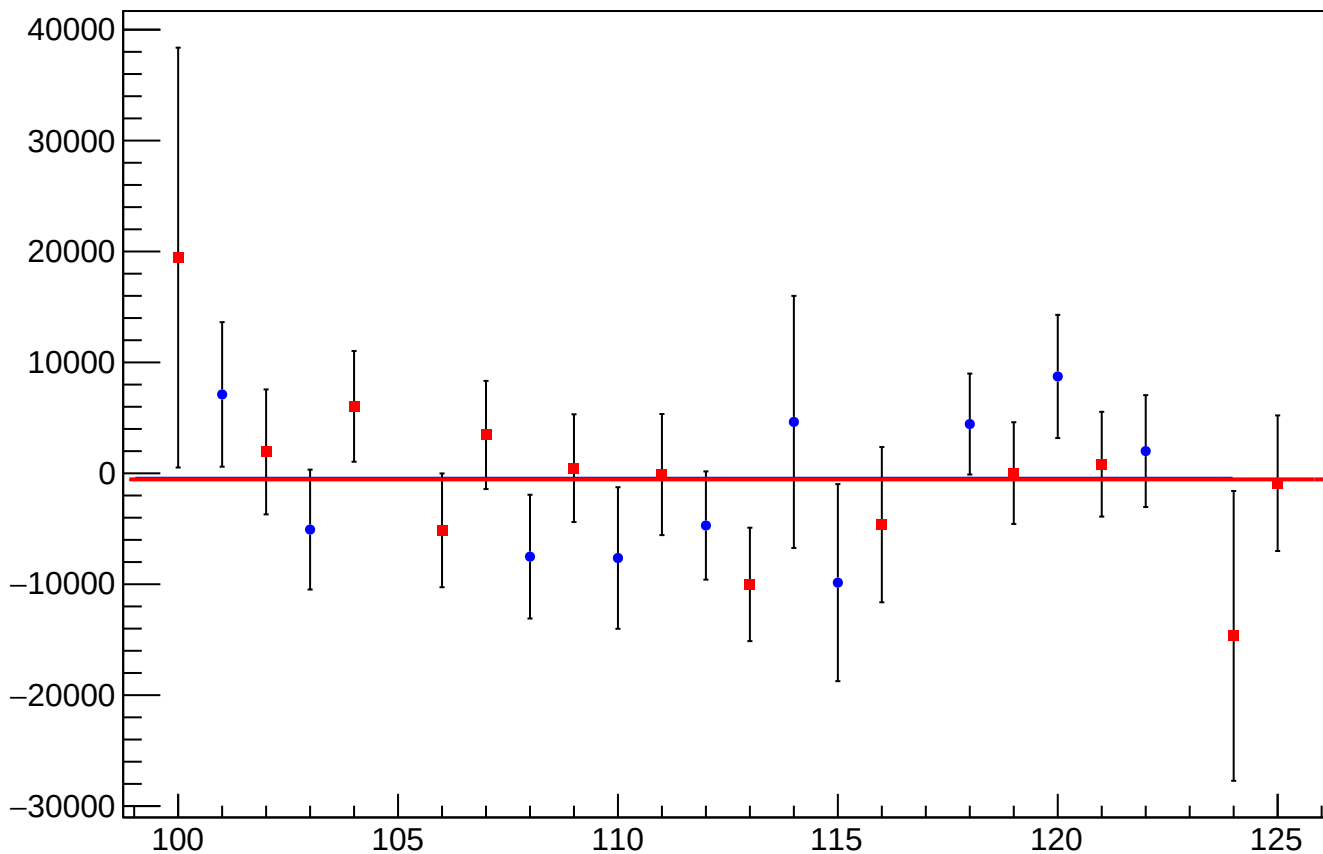
Right: 3141.232+/-0.750 χ^2/NDF : 663598.3/22

In: 3362.366+/-1.185 χ^2/NDF : 113256.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3141.232+/-0.750 χ^2/NDF : 663598.3/22

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: -545.638+/-1553.954 χ^2/NDF : 9.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

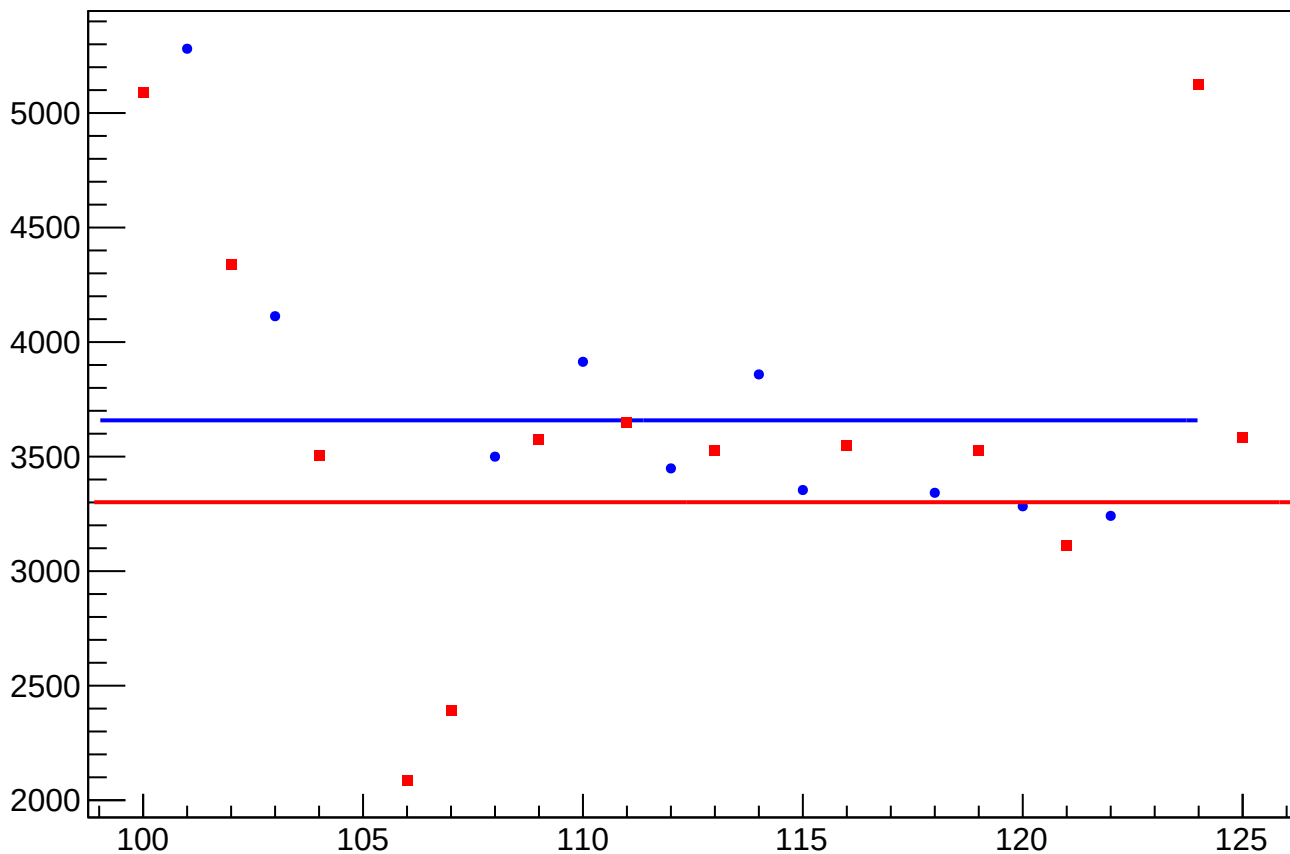
Right: -521.845+/-1185.960 χ^2/NDF : 20.8/22

In: -488.656+/-1835.353 χ^2/NDF :11.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -521.845+/-1185.960 χ^2/NDF : 20.8/22

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: 3300.947+/-1.079 χ^2/NDF : 388143.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

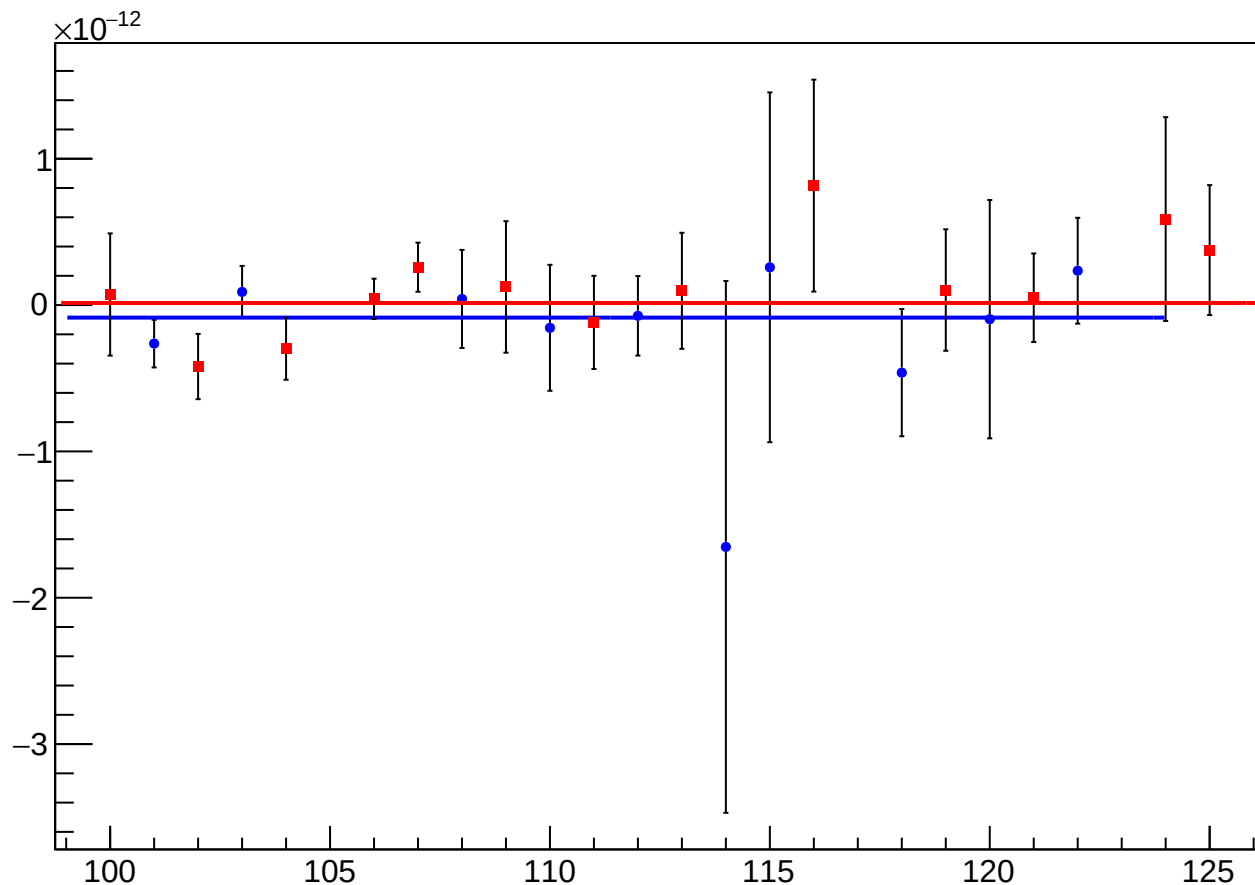
Right: 3446.967+/-0.830 χ^2/NDF : 614992.8/22

In: 3658.323+/-1.298 χ^2/NDF : 182001.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3446.967+/-0.830 χ^2/NDF : 614992.8/22

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 : 11.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

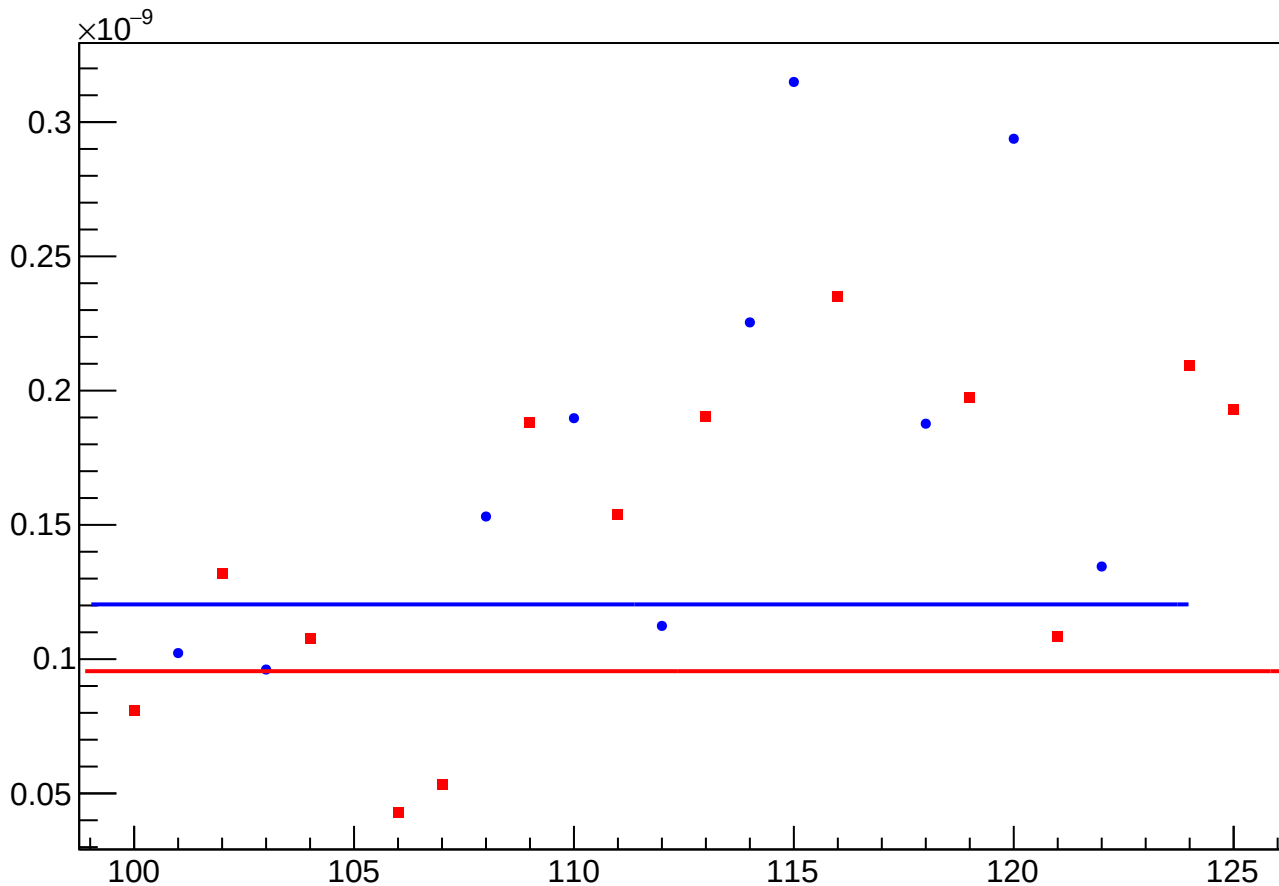
Right: -0.000+/-0.000 χ^2/NDF : 16.5/22

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 : 16.5/22

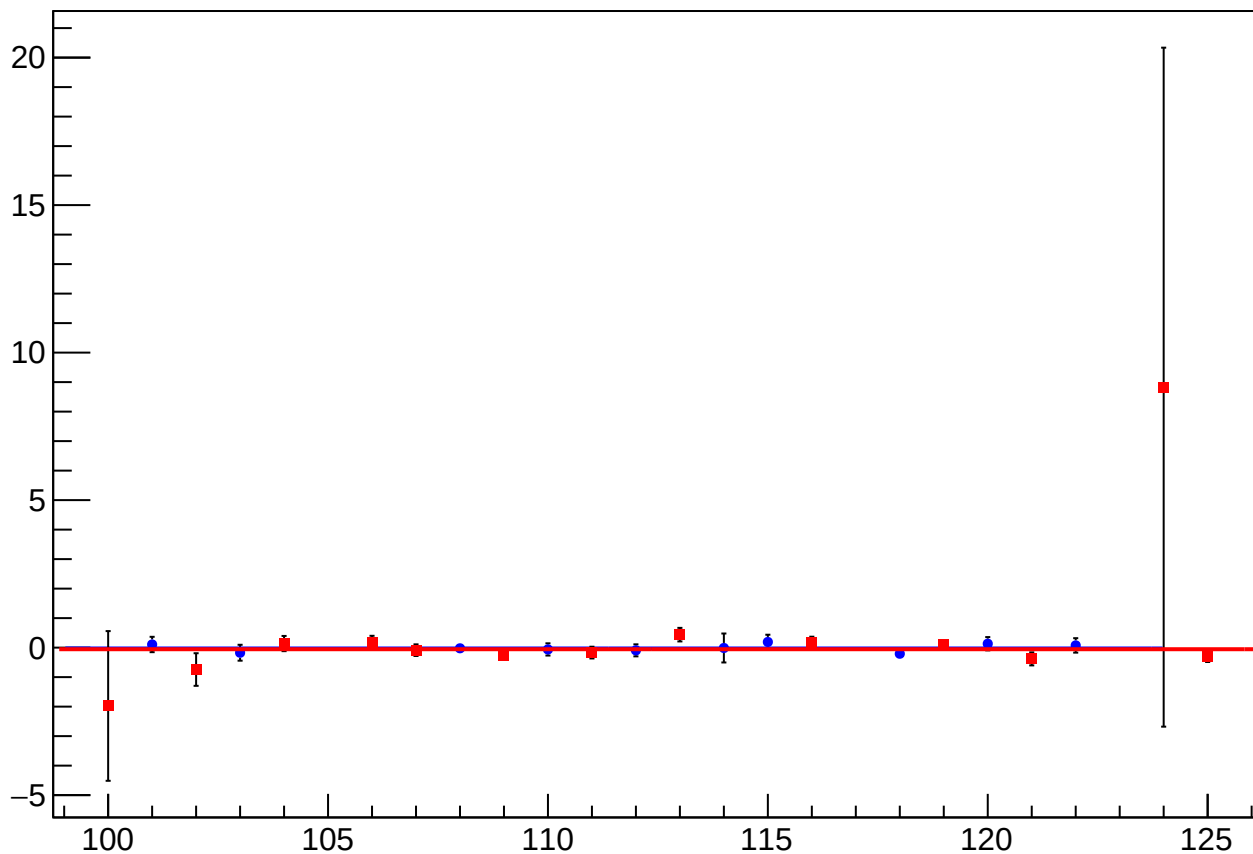
asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 1096990.8/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1519489.5/22
 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 : 1519489.5/22

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: -0.054+/-0.062 χ^2/NDF : 16.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

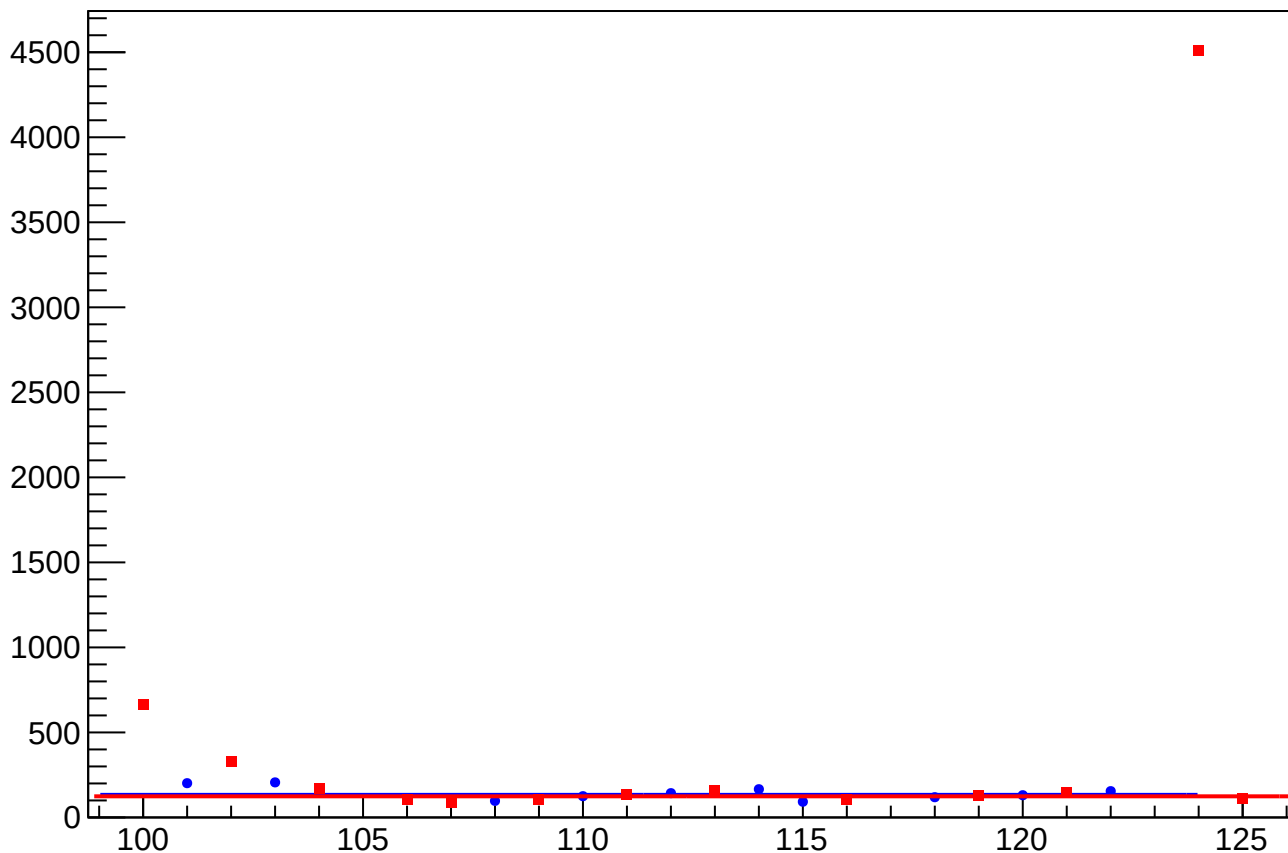
Right: -0.043+/-0.046 χ^2/NDF : 20.3/22

In: -0.030+/-0.069 χ^2/NDF :3.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.043+/-0.046 χ^2/NDF : 20.3/22

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: 124.262+/-0.044 χ^2/NDF : 906589.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

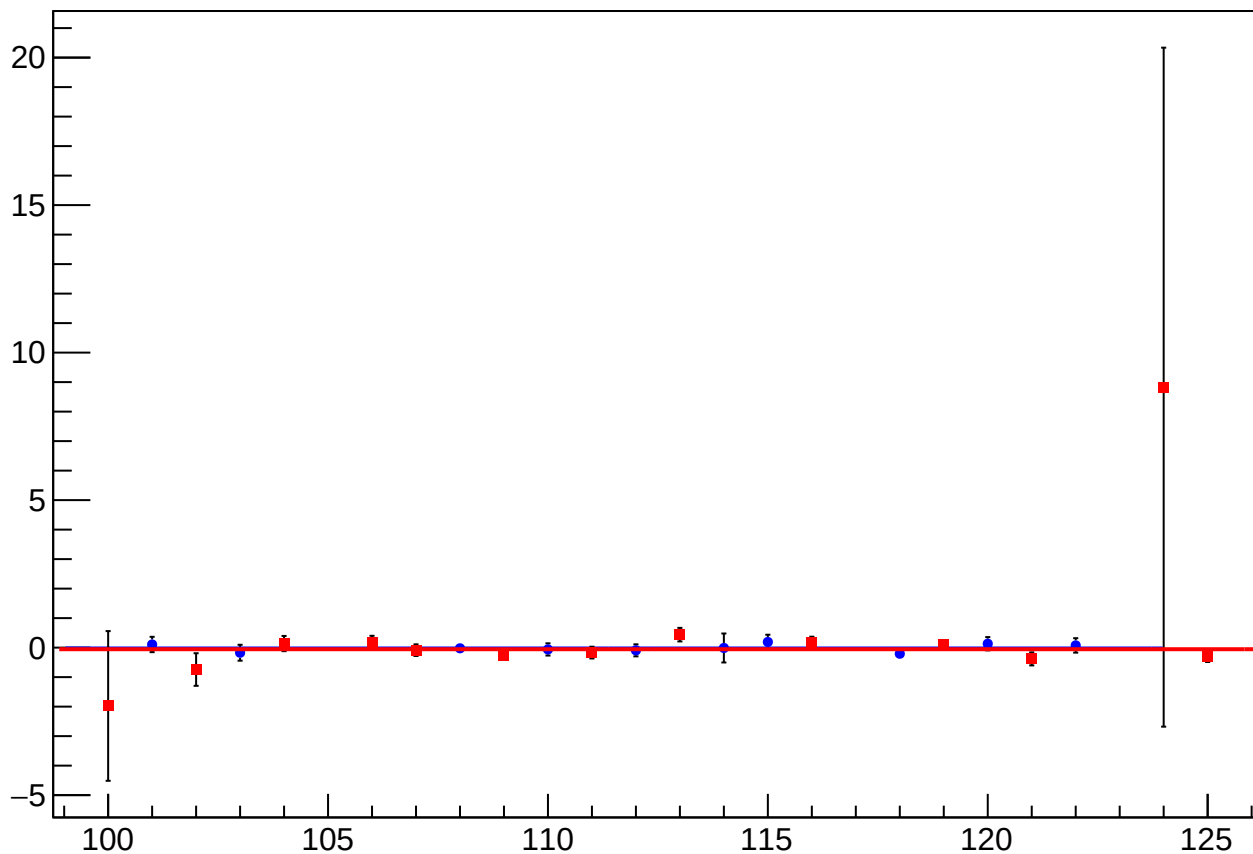
Right: 128.075+/-0.033 χ^2/NDF : 1409624.3/22

In: 132.828+/-0.049 χ^2/NDF : 485973.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.075+/-0.033 χ^2/NDF : 1409624.3/22

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: -0.054 ± 0.062 χ^2/NDF : 16.9/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

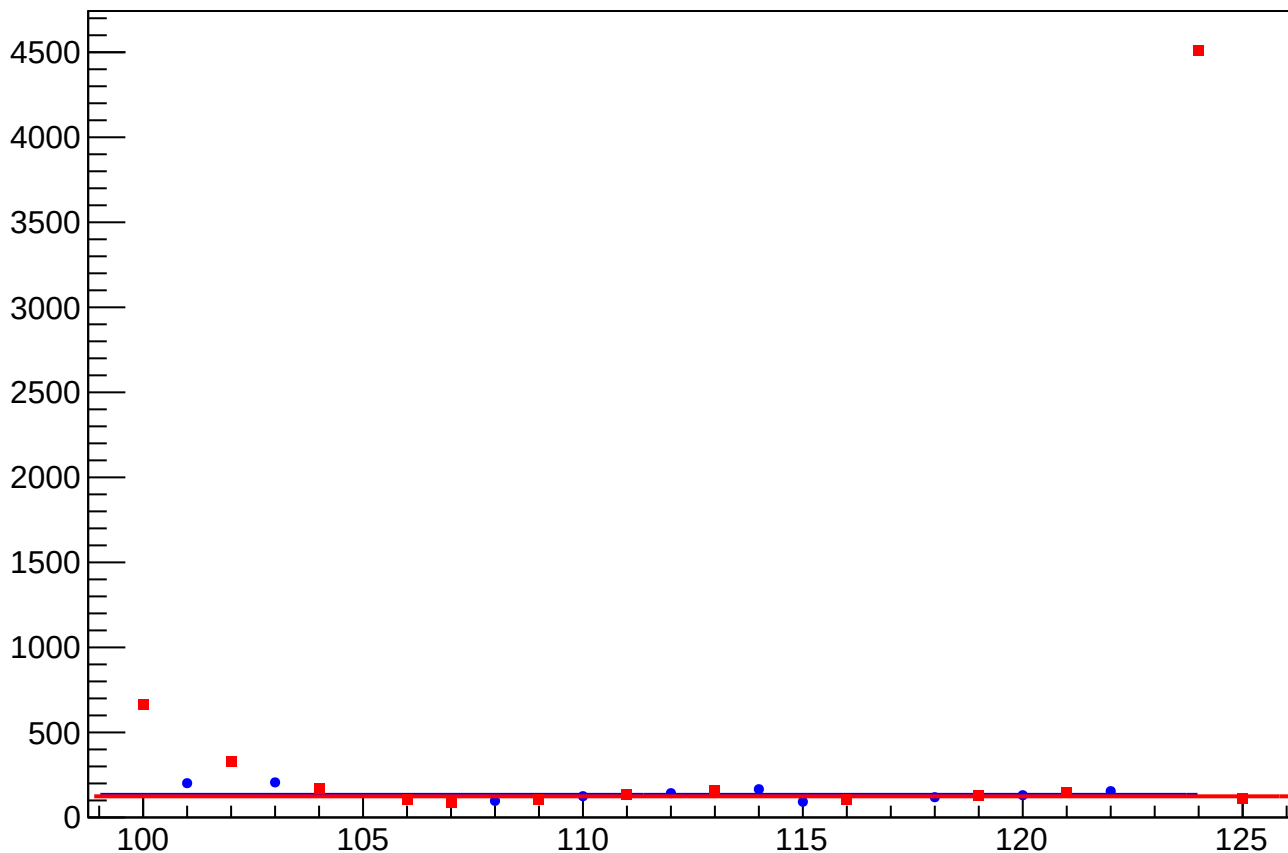
Right: -0.043 ± 0.046 χ^2/NDF : 20.3/22

In: -0.030 ± 0.069 χ^2/NDF : 3.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.043 ± 0.046 χ^2/NDF : 20.3/22

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: 124.262+/-0.044 χ^2/NDF : 906589.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

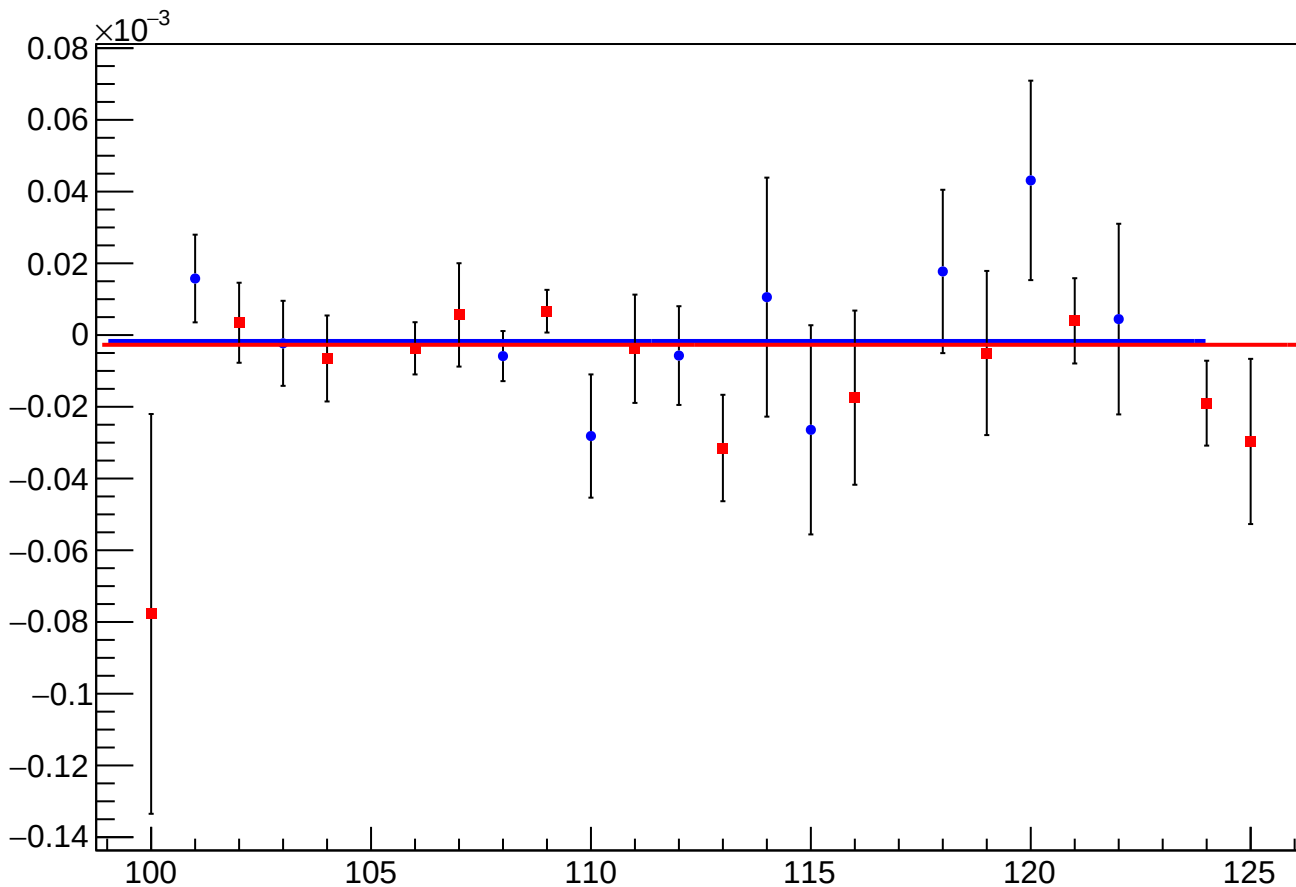
Right: 128.075+/-0.033 χ^2/NDF : 1409624.3/22

In: 132.828+/-0.049 χ^2/NDF : 485973.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.075+/-0.033 χ^2/NDF : 1409624.3/22

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 : 12.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

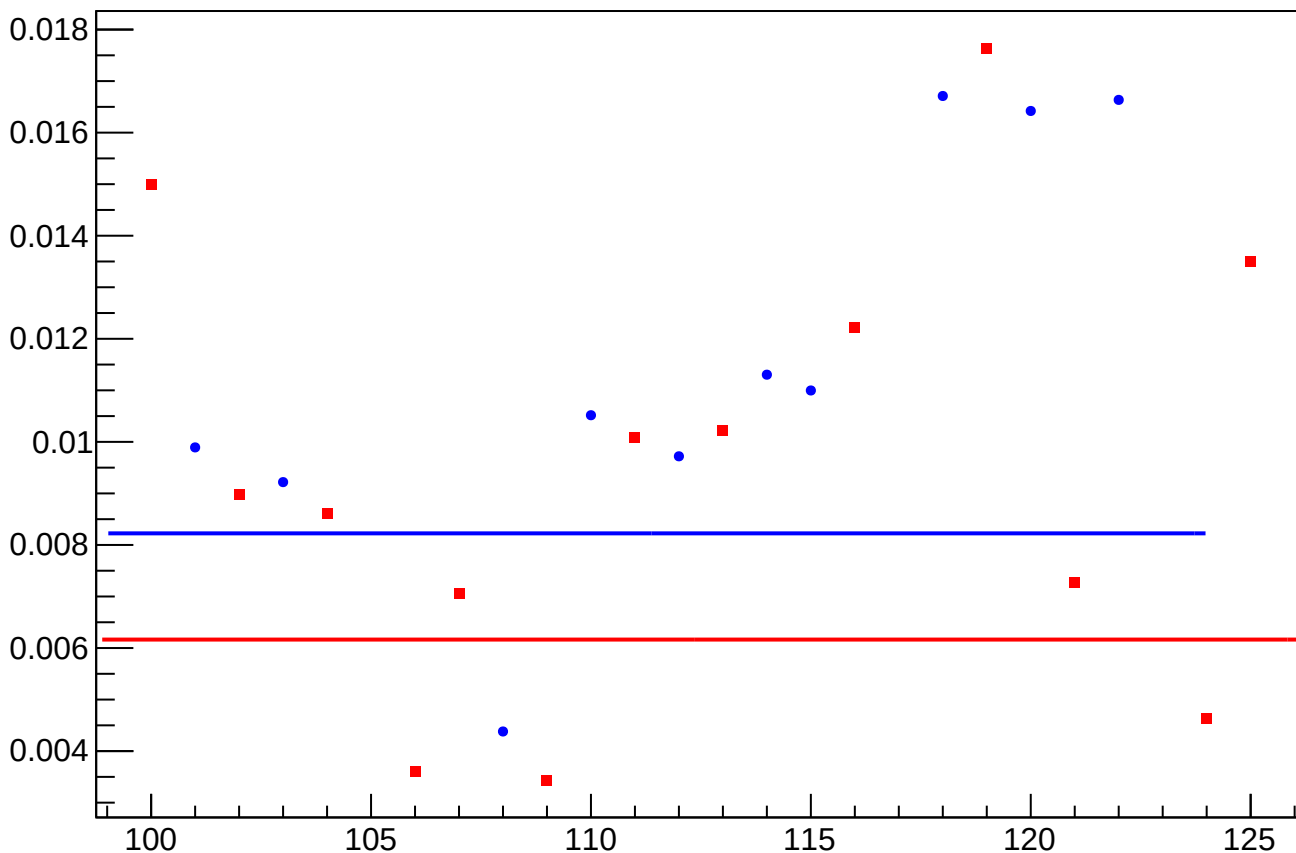
Right: -0.000+/-0.000 χ^2/NDF : 21.9/22

In: -0.000+/-0.000 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.9/22

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 : 2102110.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

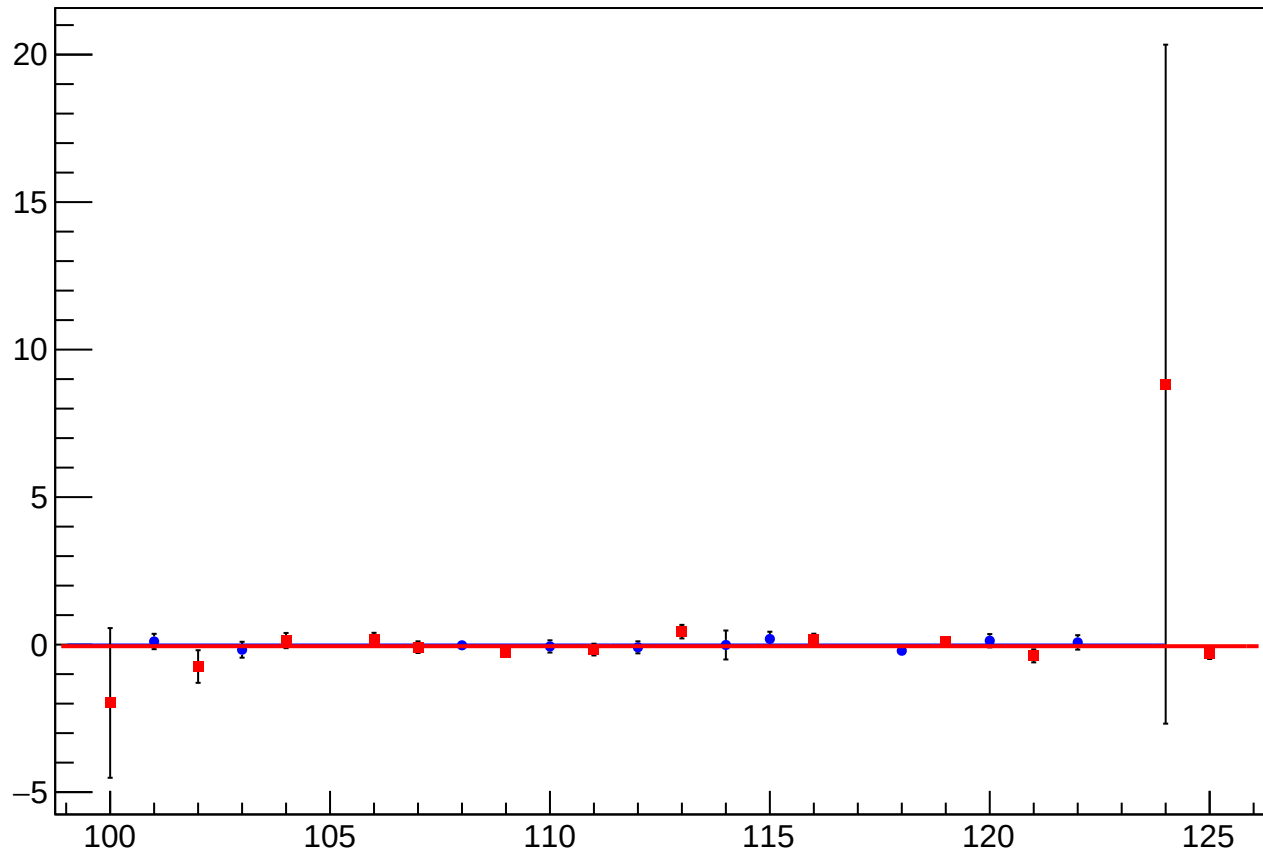
Right: 0.007+/-0.000 χ^2/NDF : 3783240.0/22

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 : 3783240.0/22

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: -0.054+/-0.062 χ^2/NDF : 16.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

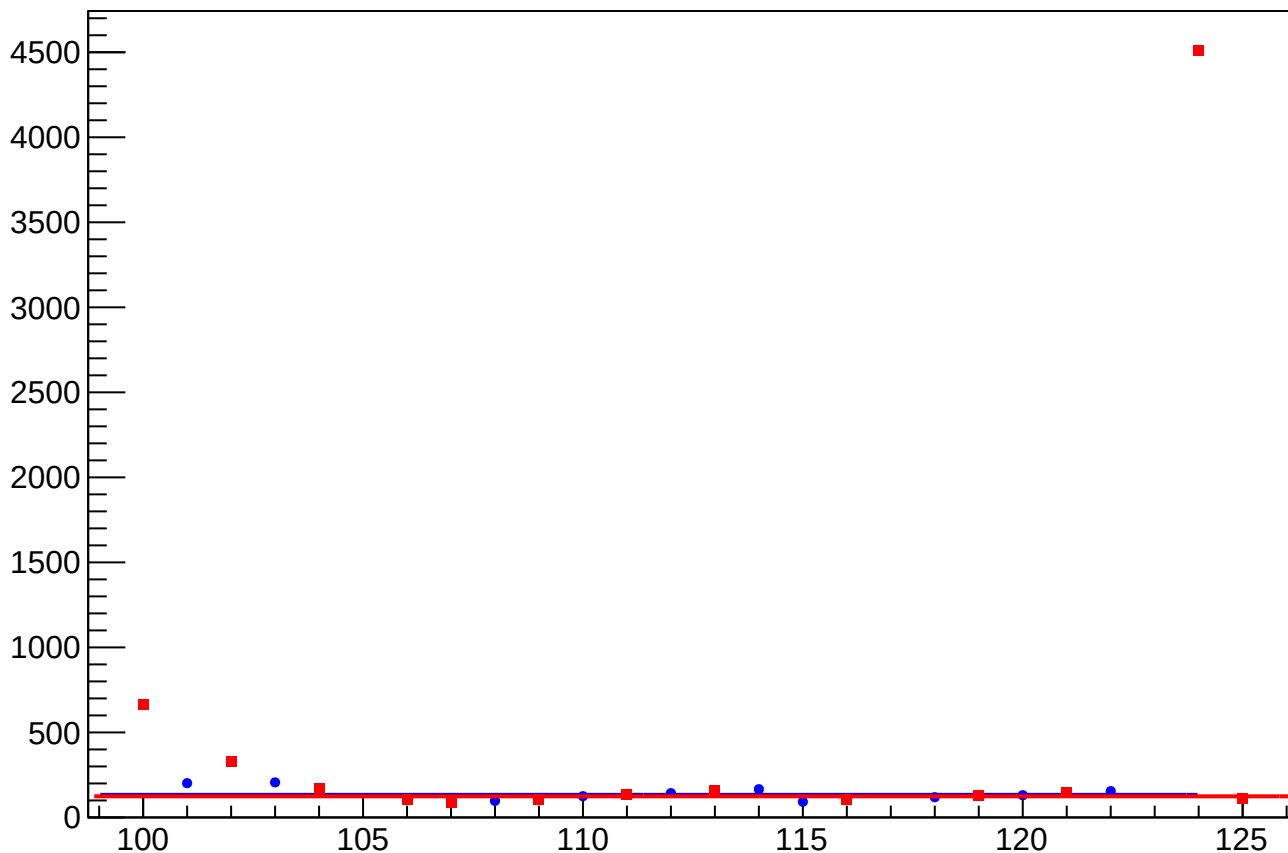
Right: -0.043+/-0.046 χ^2/NDF : 20.3/22

In: -0.030+/-0.069 χ^2/NDF : 3.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.043+/-0.046 χ^2/NDF : 20.3/22

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: 124.264+/-0.044 χ^2/NDF : 906540.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

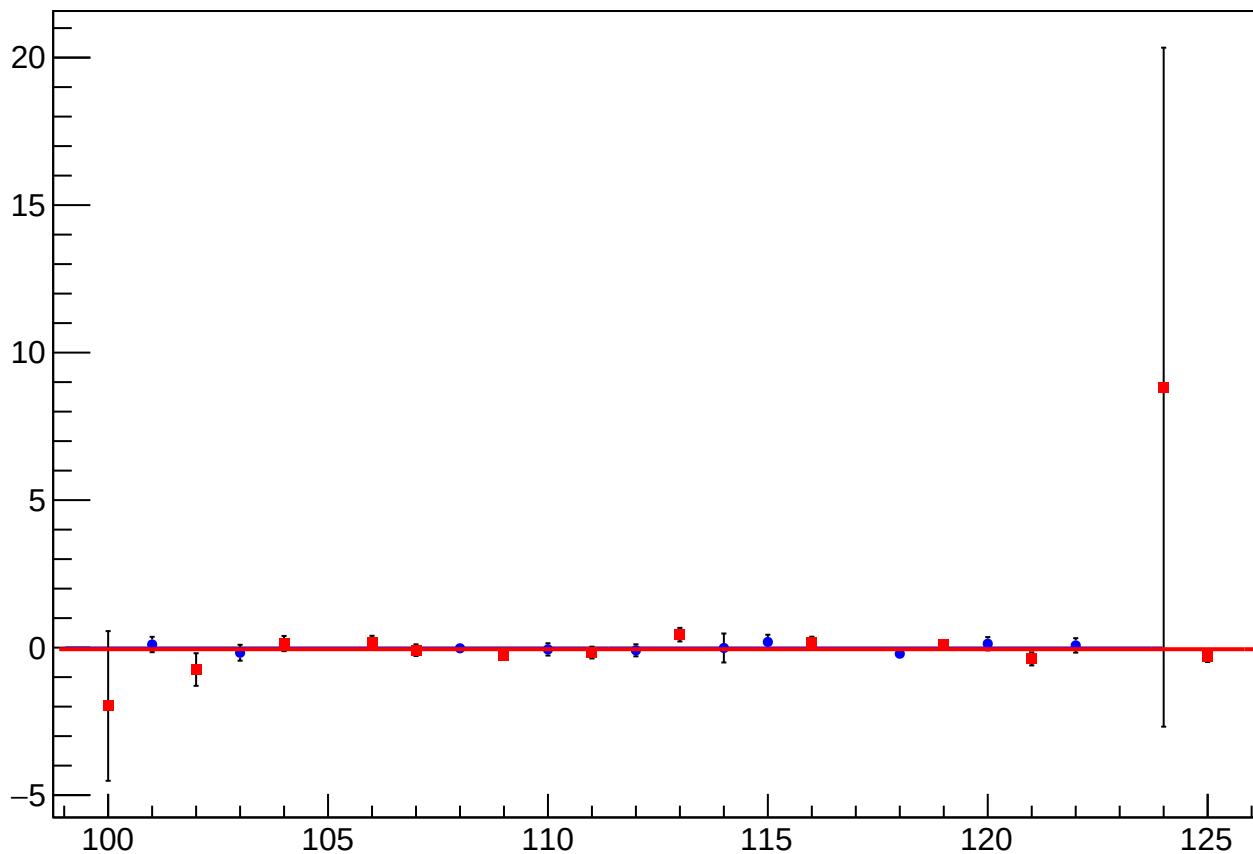
Right: 128.077+/-0.033 χ^2/NDF : 1409539.3/22

In: 132.829+/-0.049 χ^2/NDF : 485942.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.077+/-0.033 χ^2/NDF : 1409539.3/22

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: -0.054 ± 0.062 χ^2/NDF : 16.9/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

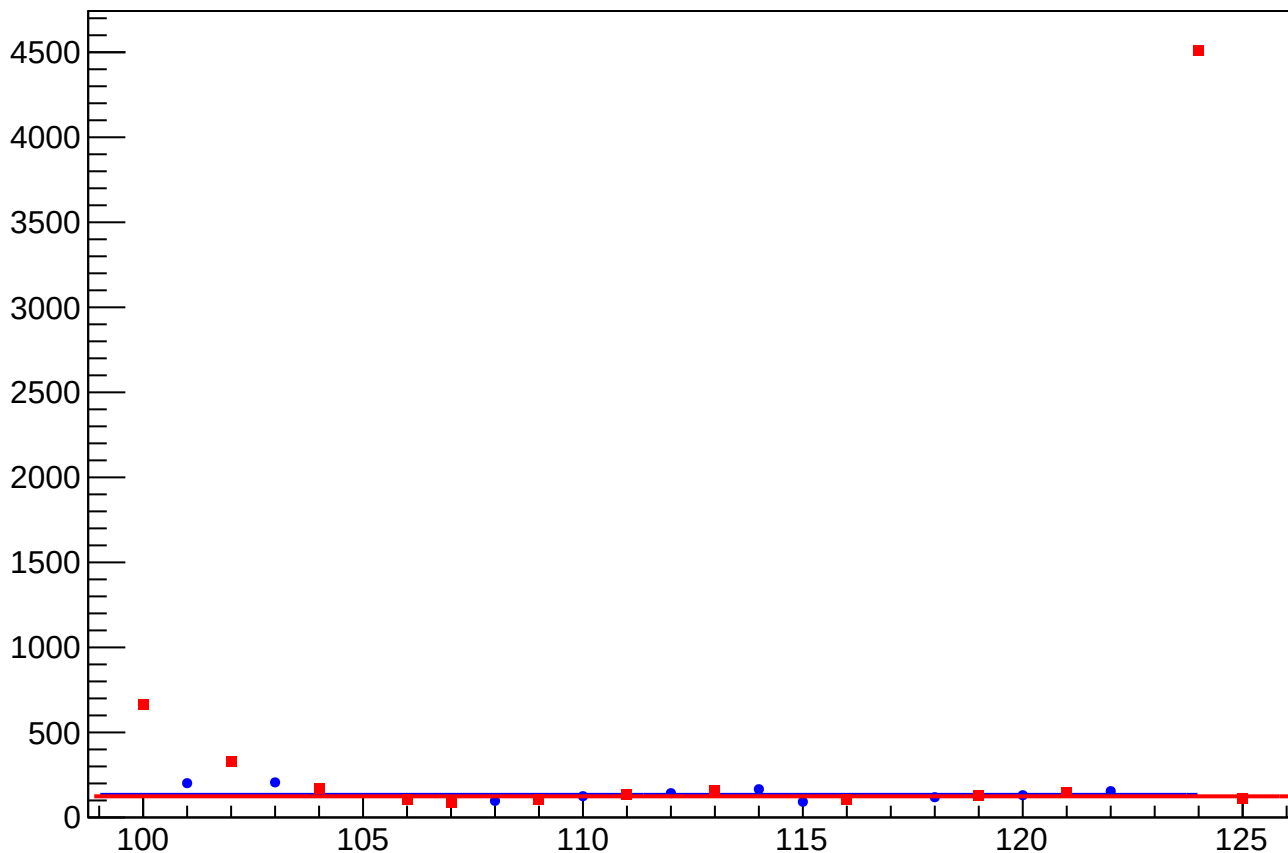
Right: -0.043 ± 0.046 χ^2/NDF : 20.3/22

In: -0.030 ± 0.069 χ^2/NDF : 3.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.043 ± 0.046 χ^2/NDF : 20.3/22

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: 124.264+/-0.044 χ^2/NDF : 906540.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

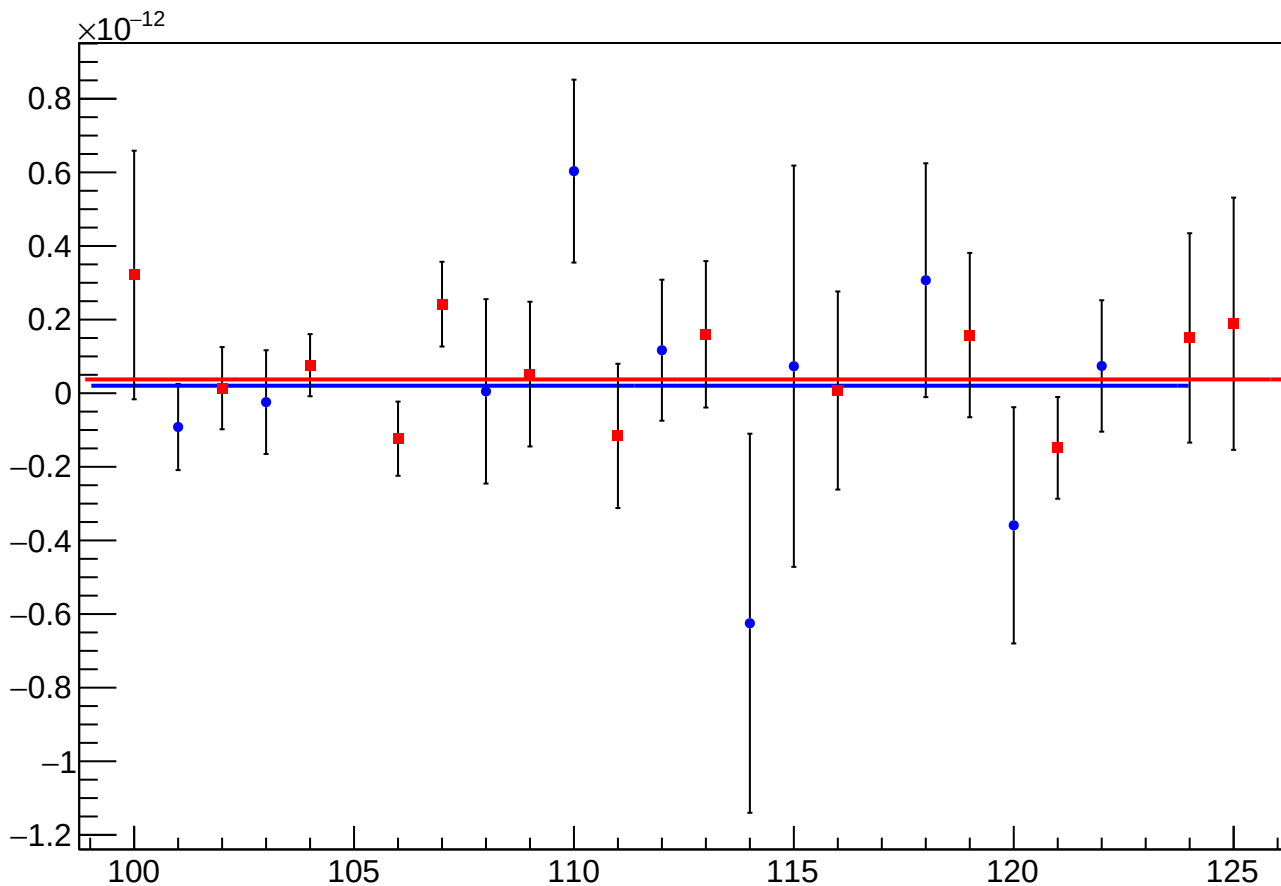
Right: 128.077+/-0.033 χ^2/NDF : 1409539.3/22

In: 132.829+/-0.049 χ^2/NDF : 485942.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.077+/-0.033 χ^2/NDF : 1409539.3/22

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 : 10.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

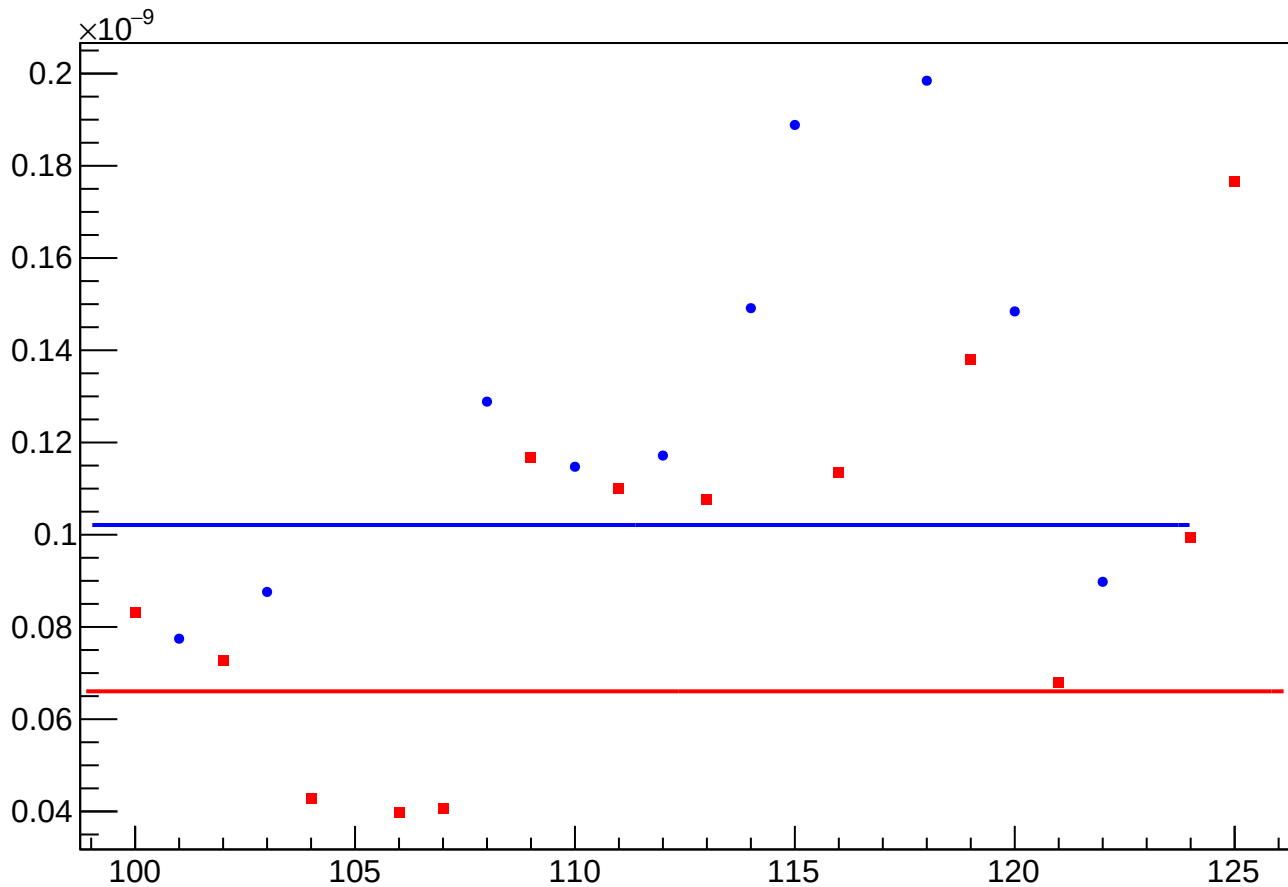
Right: 0.000+/-0.000 χ^2/NDF : 20.8/22

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 : 20.8/22

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 : 1223852.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

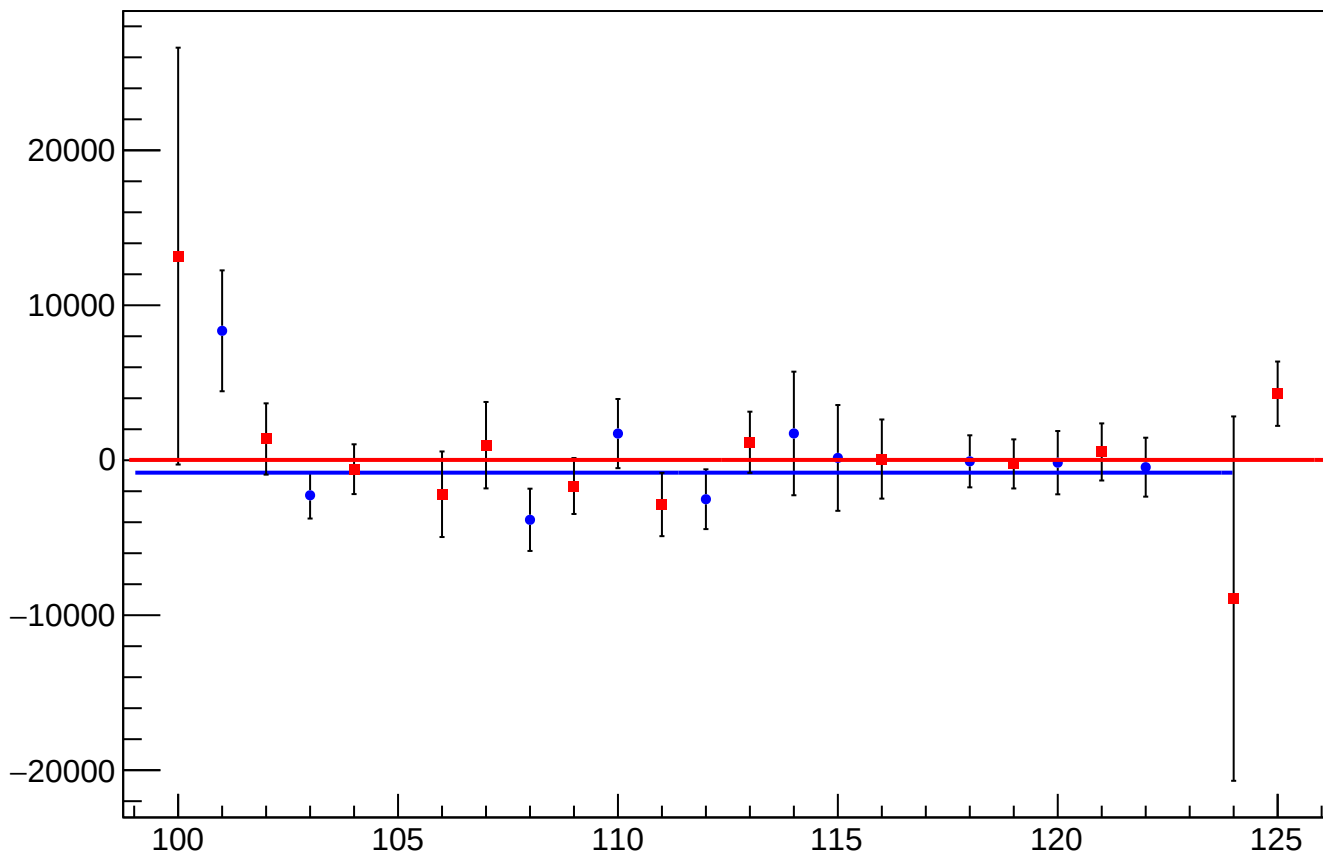
Right: 0.000+/-0.000 χ^2/NDF : 2120858.5/22

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 : 2120858.5/22

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: 20.346+/-605.125 χ^2/NDF : 10.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

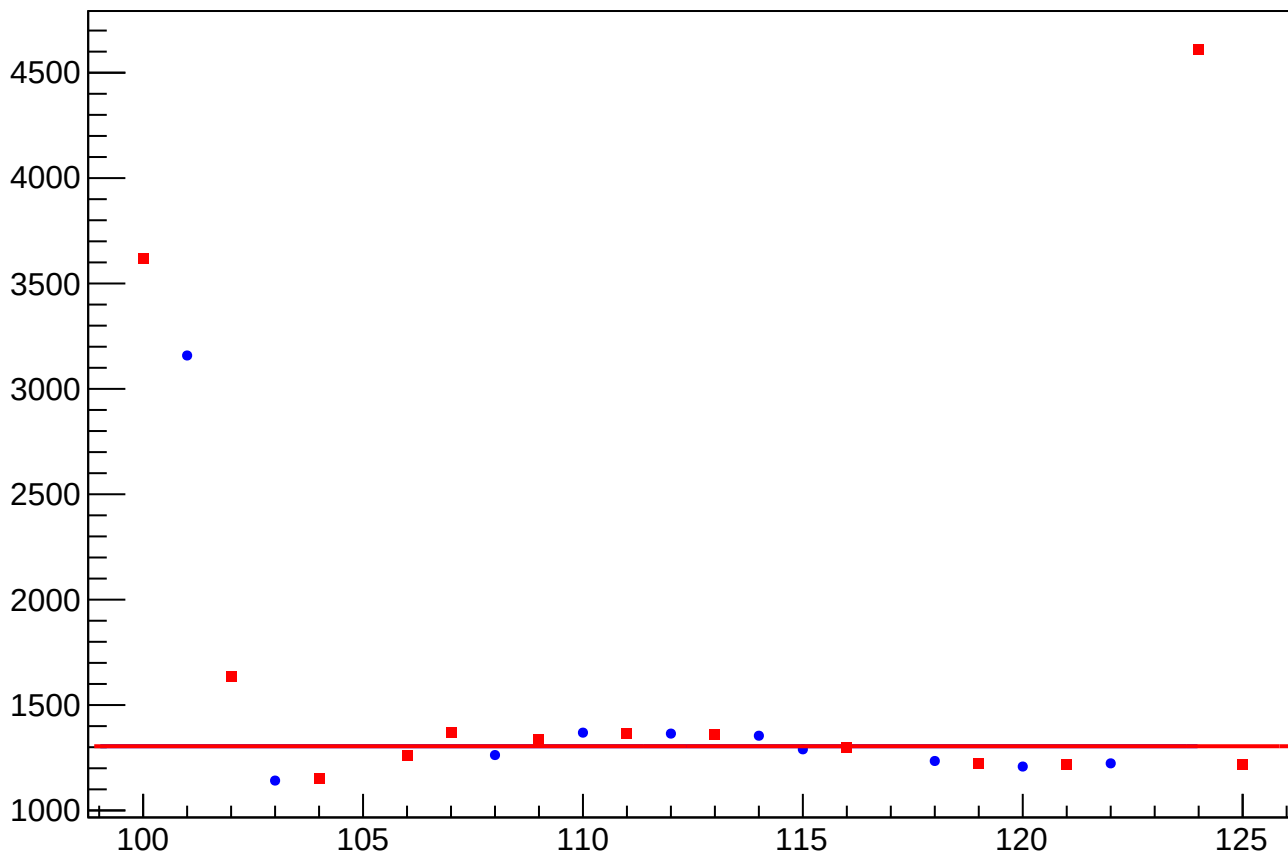
Right: -350.602+/-448.248 χ^2/NDF : 22.8/22

In: -801.633+/-667.256 χ^2/NDF :11.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -350.602+/-448.248 χ^2/NDF : 22.8/22

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: 1304.547+/-0.426 χ^2/NDF : 295849.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

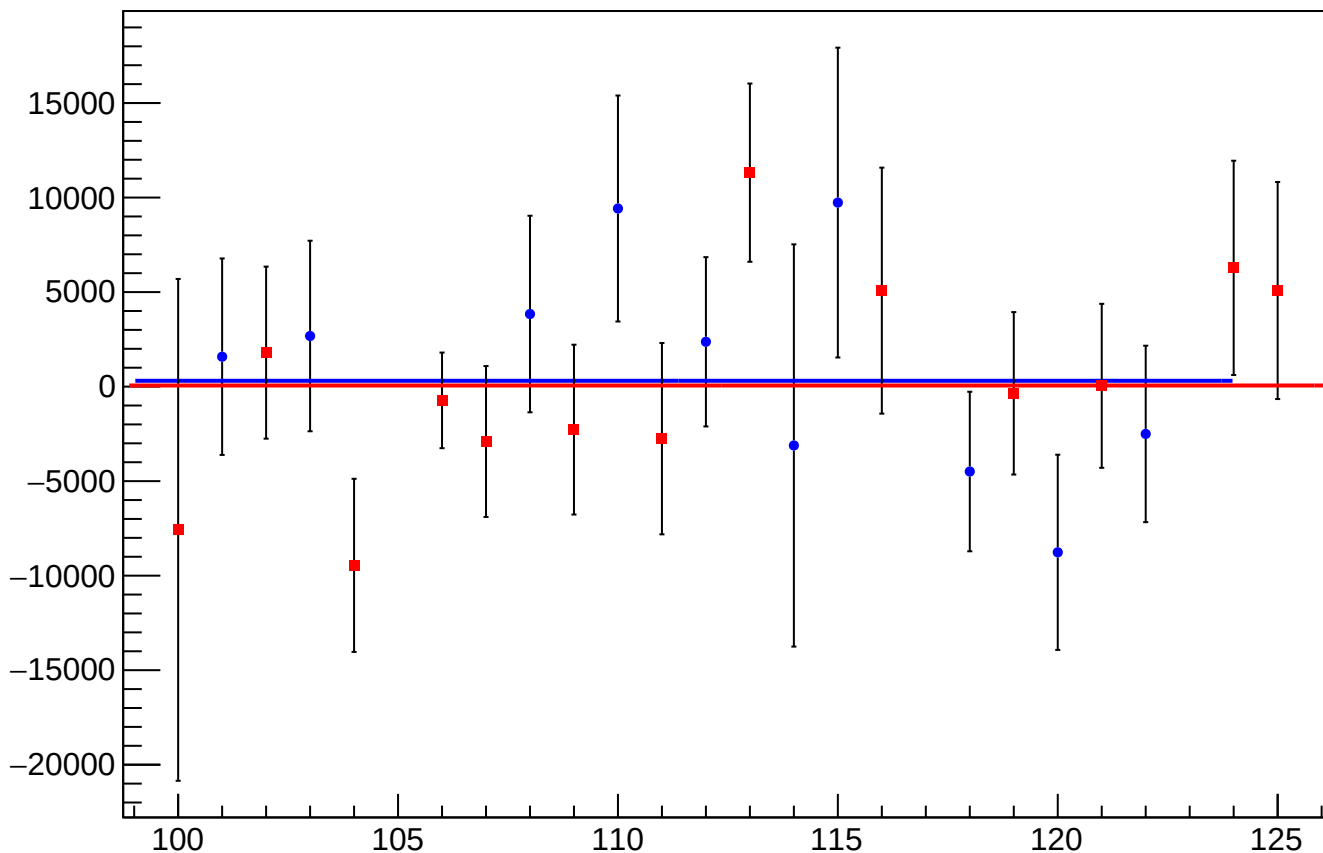
Right: 1304.540+/-0.316 χ^2/NDF : 787642.3/22

In: 1304.532+/-0.472 χ^2/NDF : 491792.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1304.540+/-0.316 χ^2/NDF : 787642.3/22

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: 59.434+/-1243.369 χ^2/NDF : 14.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

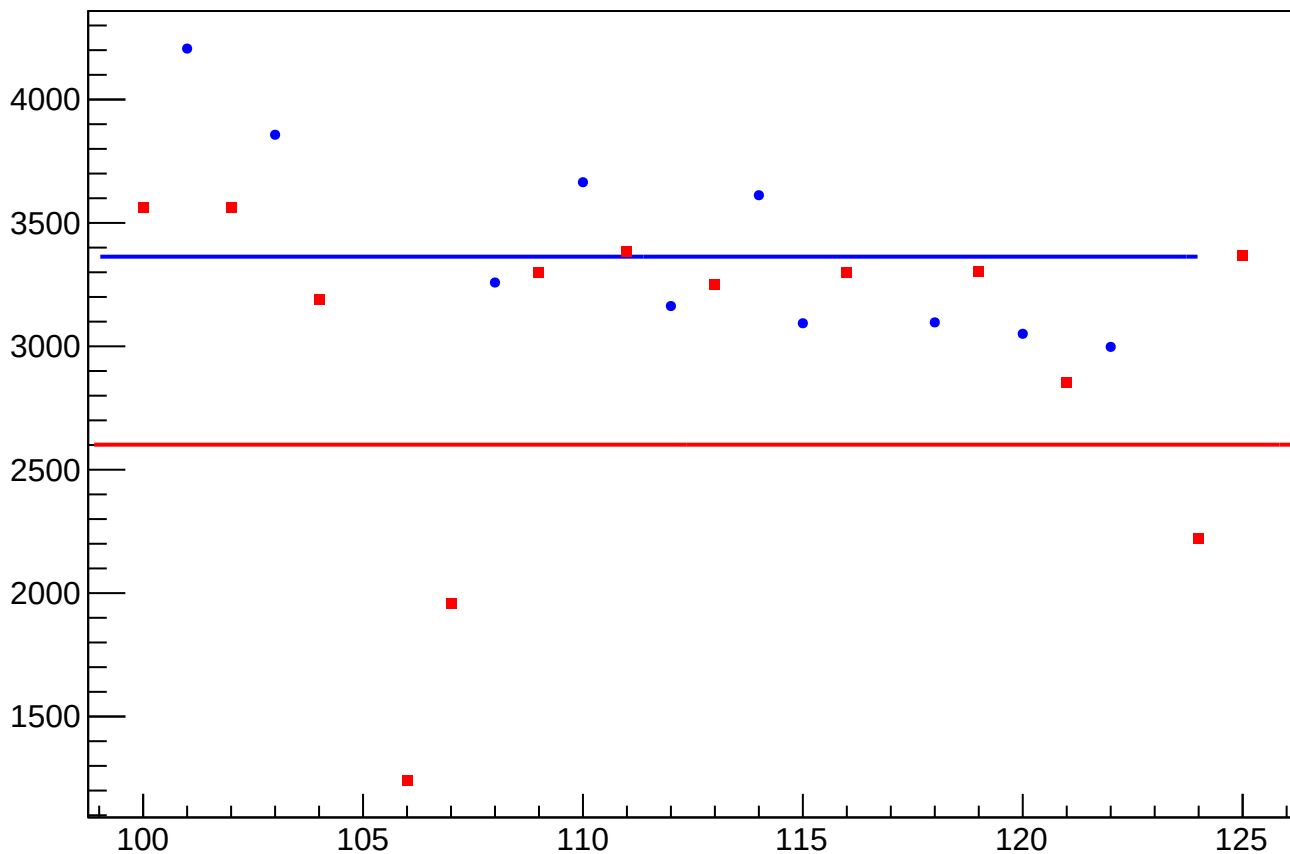
Right: 147.728+/-999.271 χ^2/NDF : 23.8/22

In: 308.783+/-1679.275 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.728+/-999.271 χ^2/NDF : 23.8/22

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: 2601.518+/-0.879 χ^2/NDF : 1024199.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

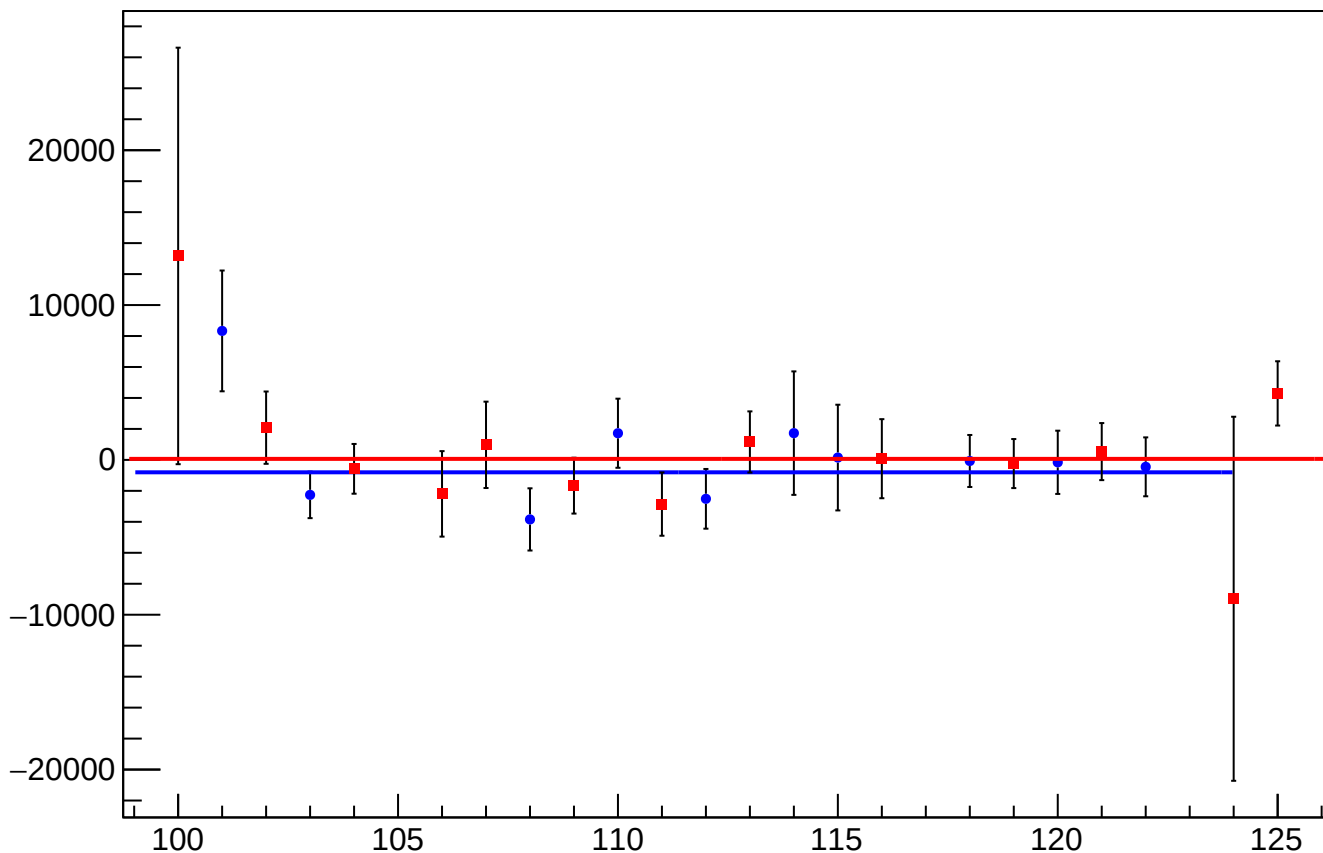
Right: 2871.239+/-0.707 χ^2/NDF : 1402593.6/22

In: 3363.231+/-1.187 χ^2/NDF : 112605.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2871.239+/-0.707 χ^2/NDF : 1402593.6/22

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: 65.171+/-605.744 χ^2/NDF : 10.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

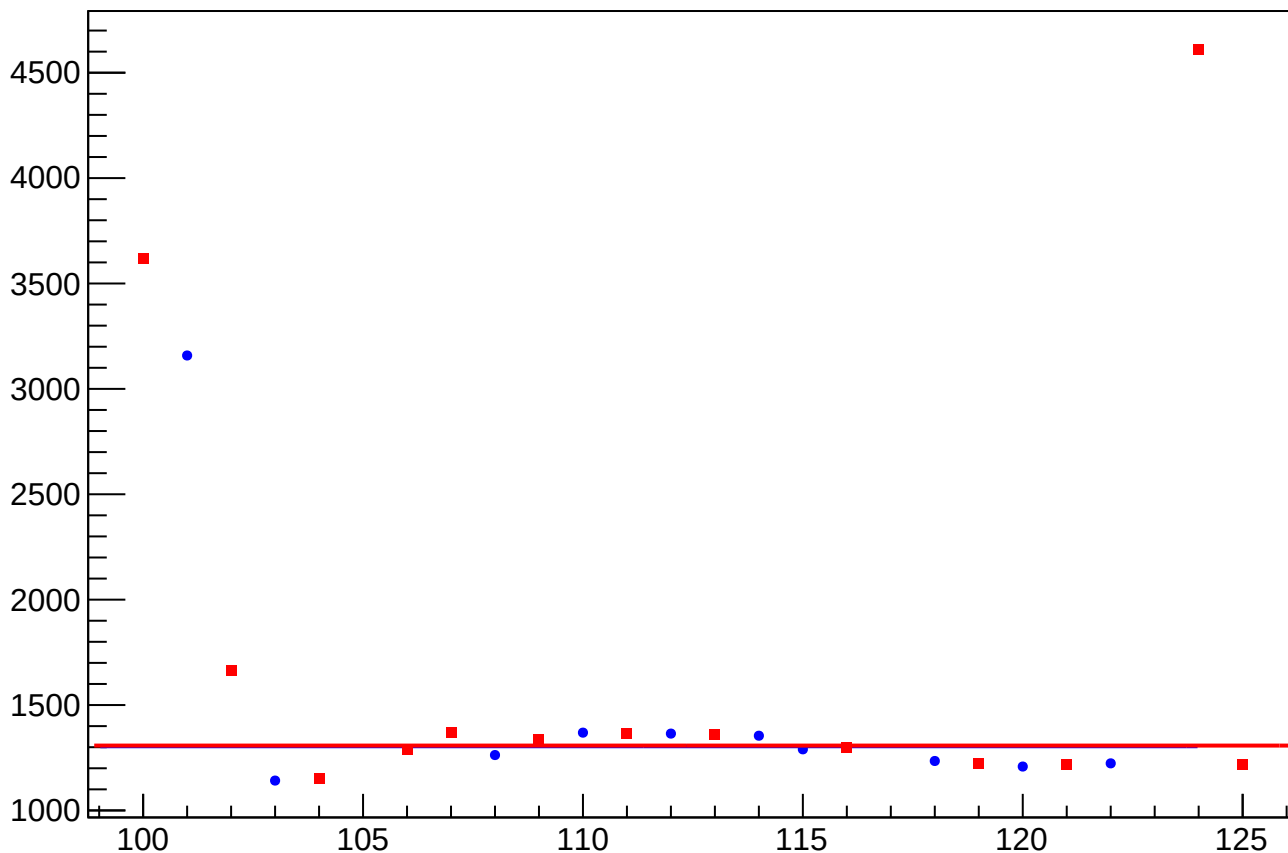
Right: -326.767+/-448.499 χ^2/NDF : 23.3/22

In: -802.348+/-667.256 χ^2/NDF : 11.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -326.767+/-448.499 χ^2/NDF : 23.3/22

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: 1307.691+/-0.427 χ^2/NDF : 302160.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

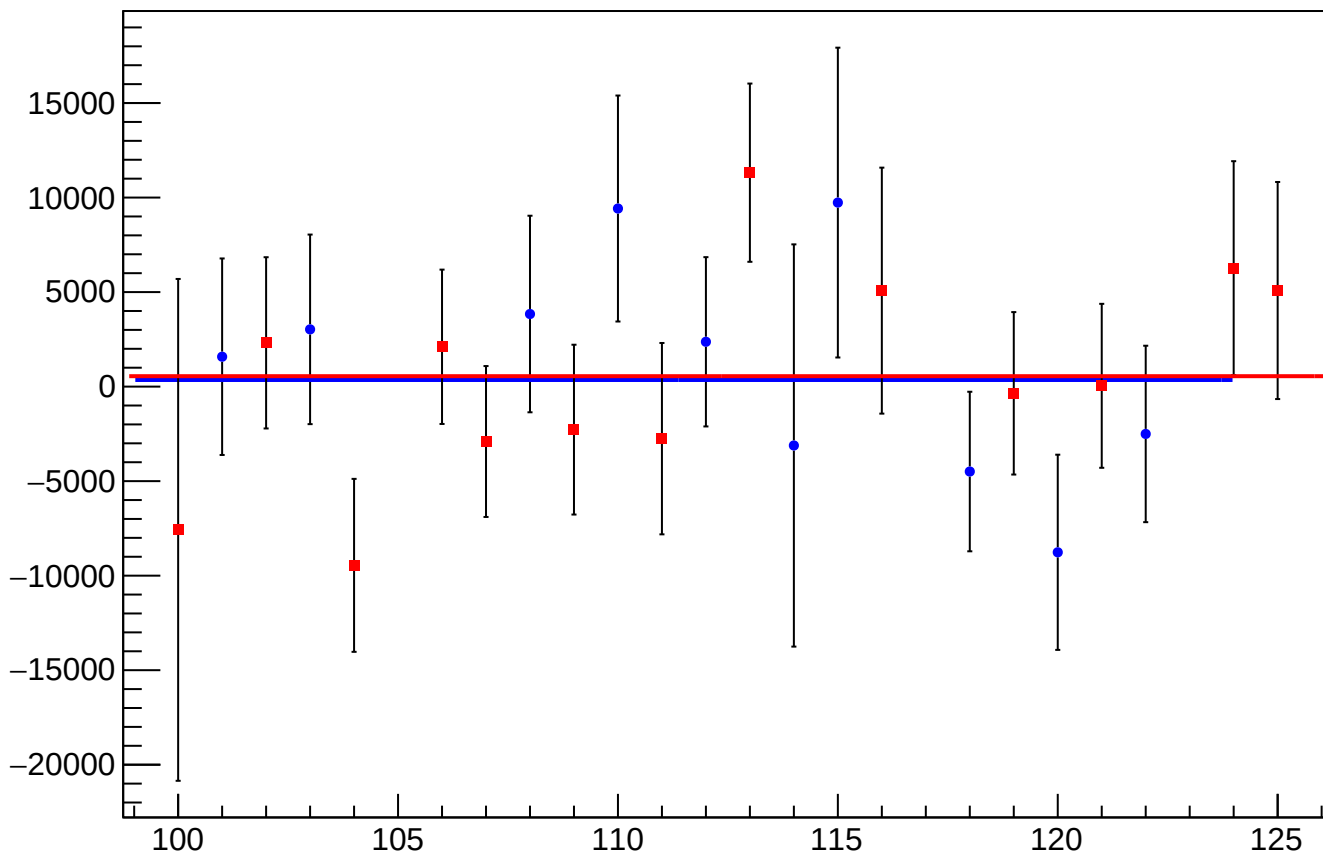
Right: 1306.268+/-0.317 χ^2/NDF : 793979.5/22

In: 1304.532+/-0.472 χ^2/NDF : 491794.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1306.268+/-0.317 χ^2/NDF : 793979.5/22

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: 551.385 $\pm$ 1347.016 χ^2 /NDF: 14.4/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

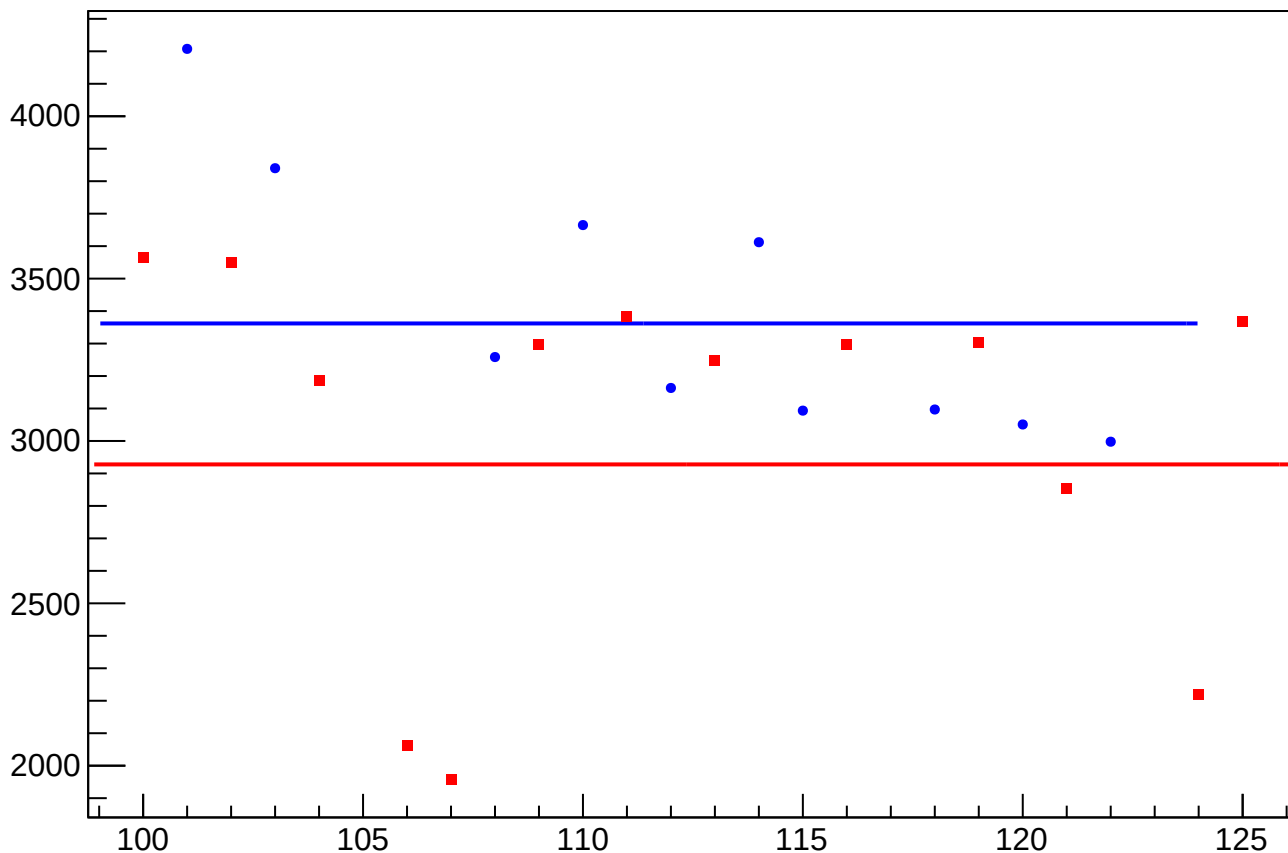
Right: 472.726 $\pm$ 1050.517 χ^2 /NDF: 24.0/22

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: 472.726 $\pm$ 1050.517 χ^2 /NDF: 24.0/22

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: 2927.820+/-0.952 χ^2/NDF : 361716.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

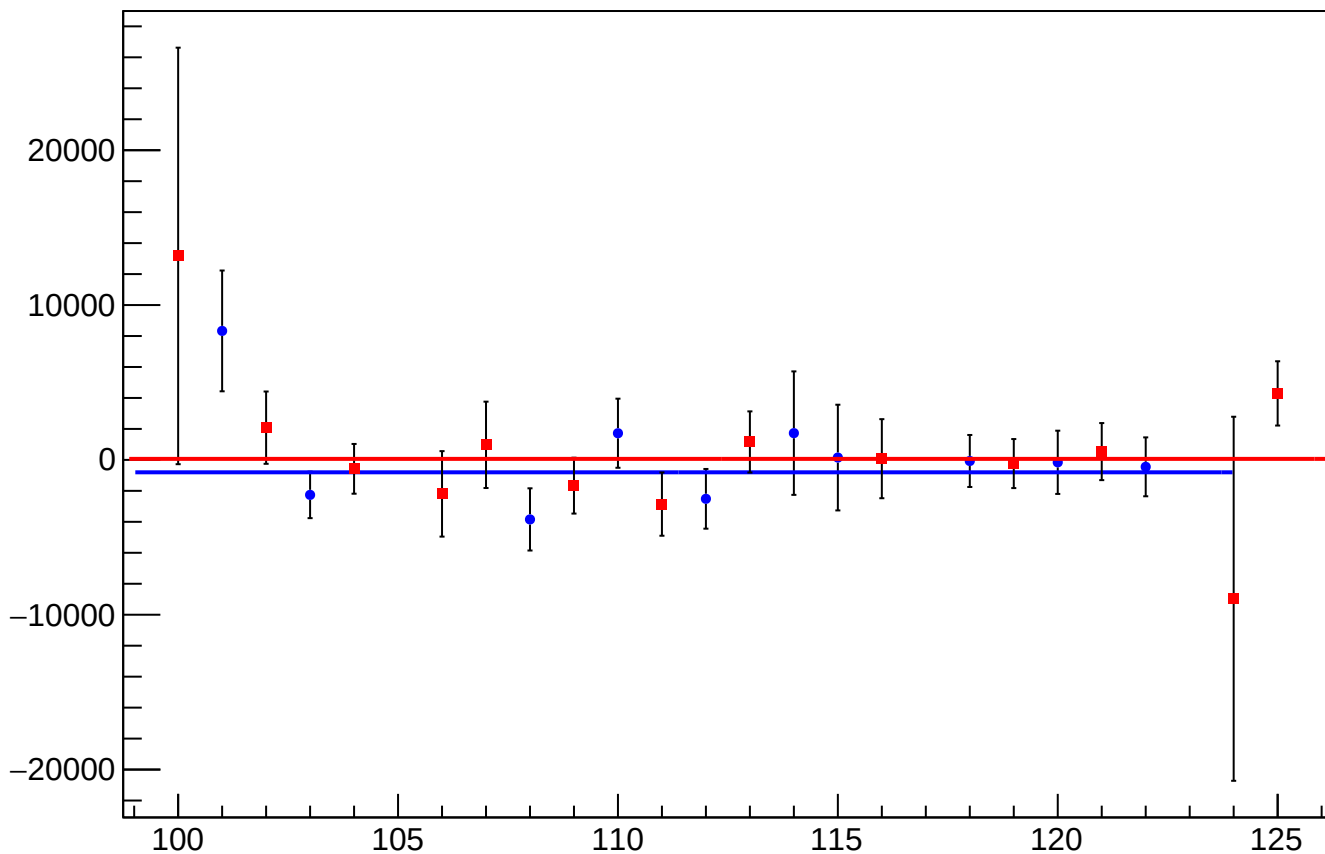
Right: 3097.893+/-0.743 χ^2/NDF : 554674.9/22

In: 3361.923+/-1.187 χ^2/NDF : 111579.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3097.893+/-0.743 χ^2/NDF : 554674.9/22

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: 65.171+/-605.744 χ^2/NDF : 10.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

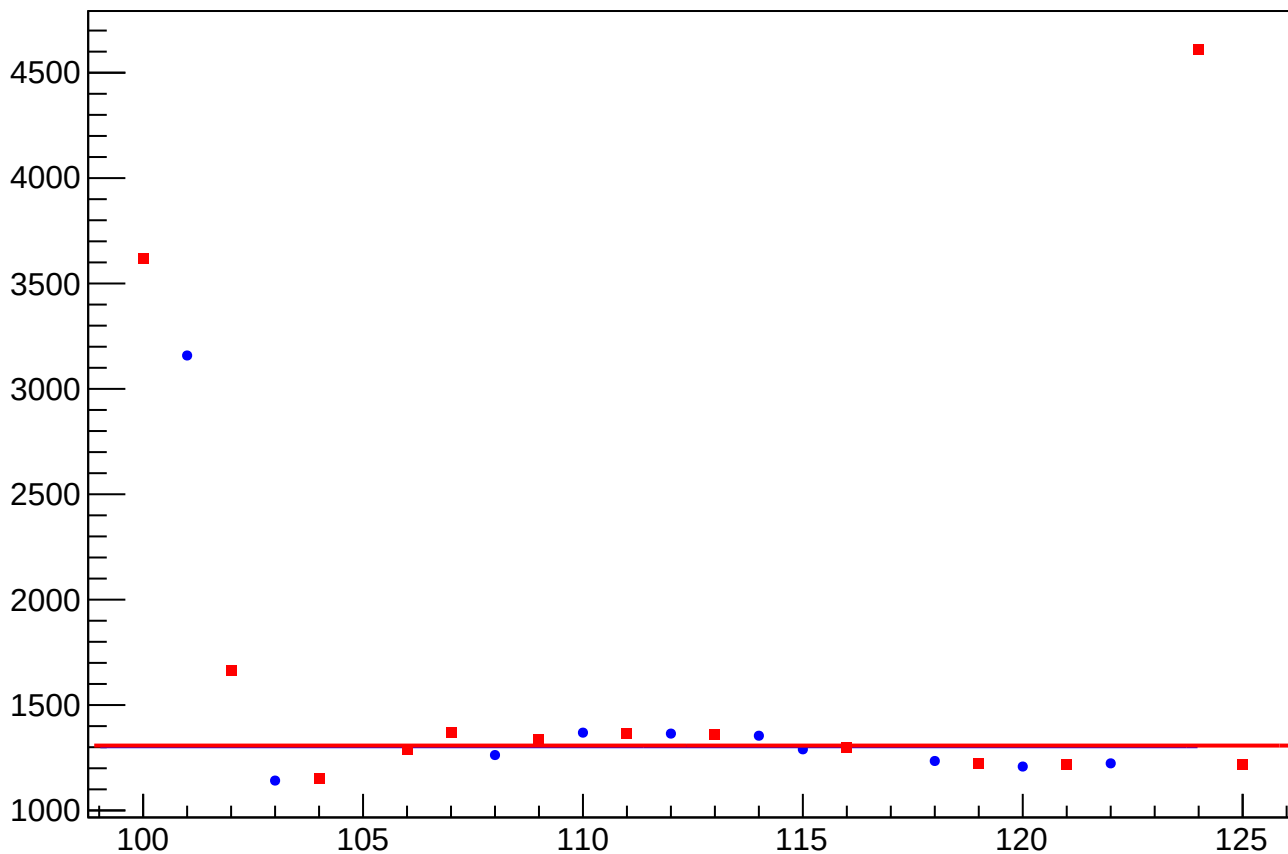
Right: -326.767+/-448.499 χ^2/NDF : 23.3/22

In: -802.348+/-667.256 χ^2/NDF : 11.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -326.767+/-448.499 χ^2/NDF : 23.3/22

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: 1307.691+/-0.427 χ^2/NDF : 302160.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

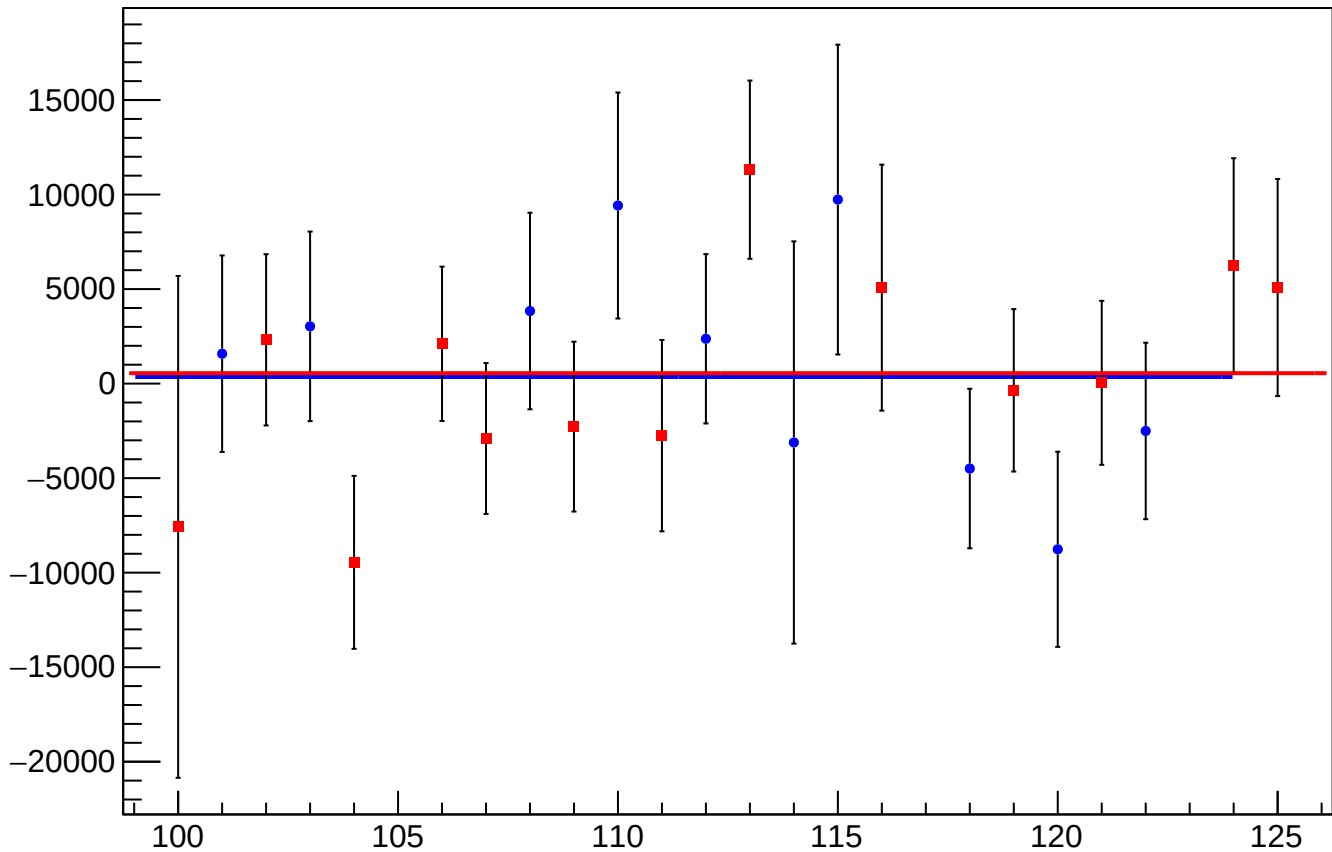
Right: 1306.268+/-0.317 χ^2/NDF : 793979.5/22

In: 1304.532+/-0.472 χ^2/NDF : 491794.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1306.268+/-0.317 χ^2/NDF : 793979.5/22

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: 551.385+/-1347.016 χ^2/NDF : 14.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

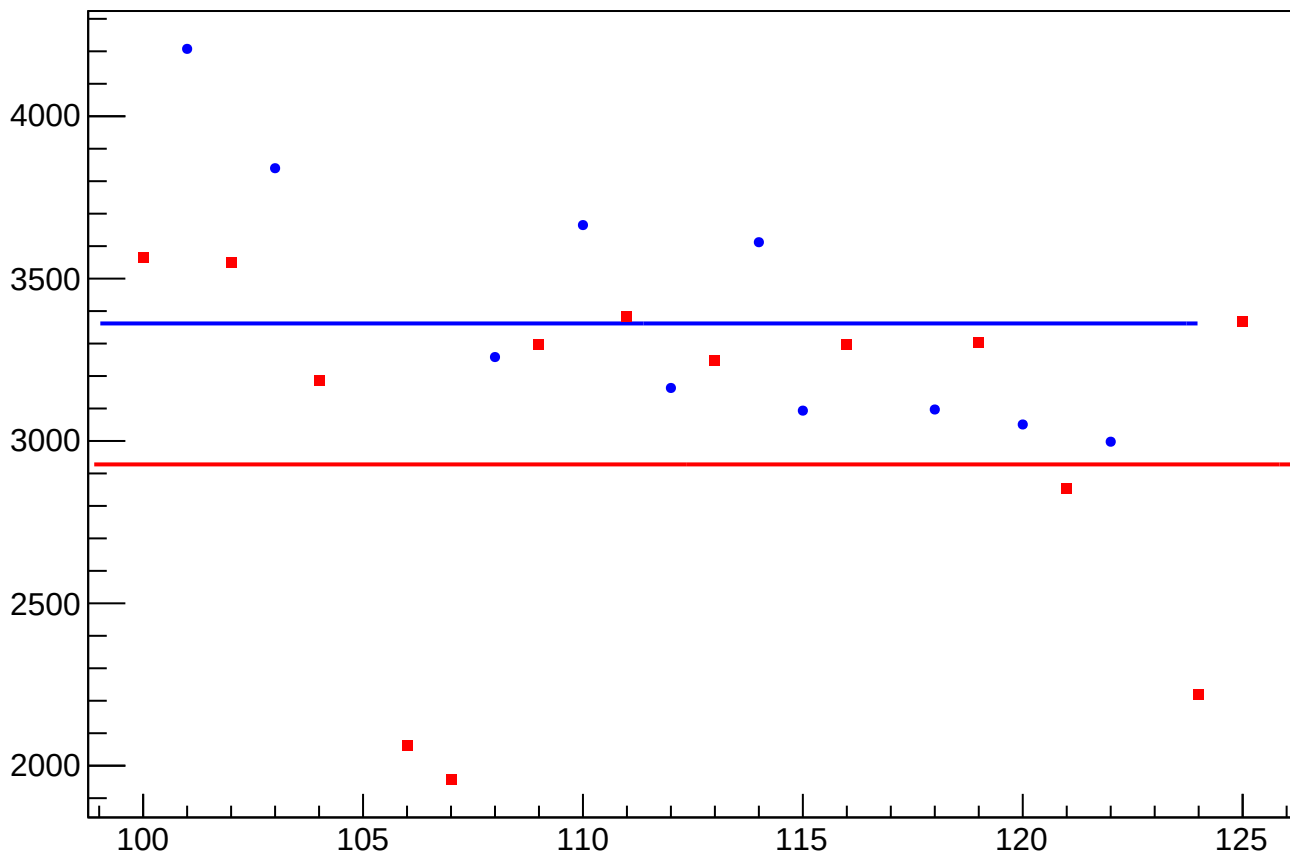
Right: 472.726+/-1050.517 χ^2/NDF : 24.0/22

In: 350.610+/-1678.349 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 472.726+/-1050.517 χ^2/NDF : 24.0/22

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: 2927.820+/-0.952 χ^2/NDF : 361716.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

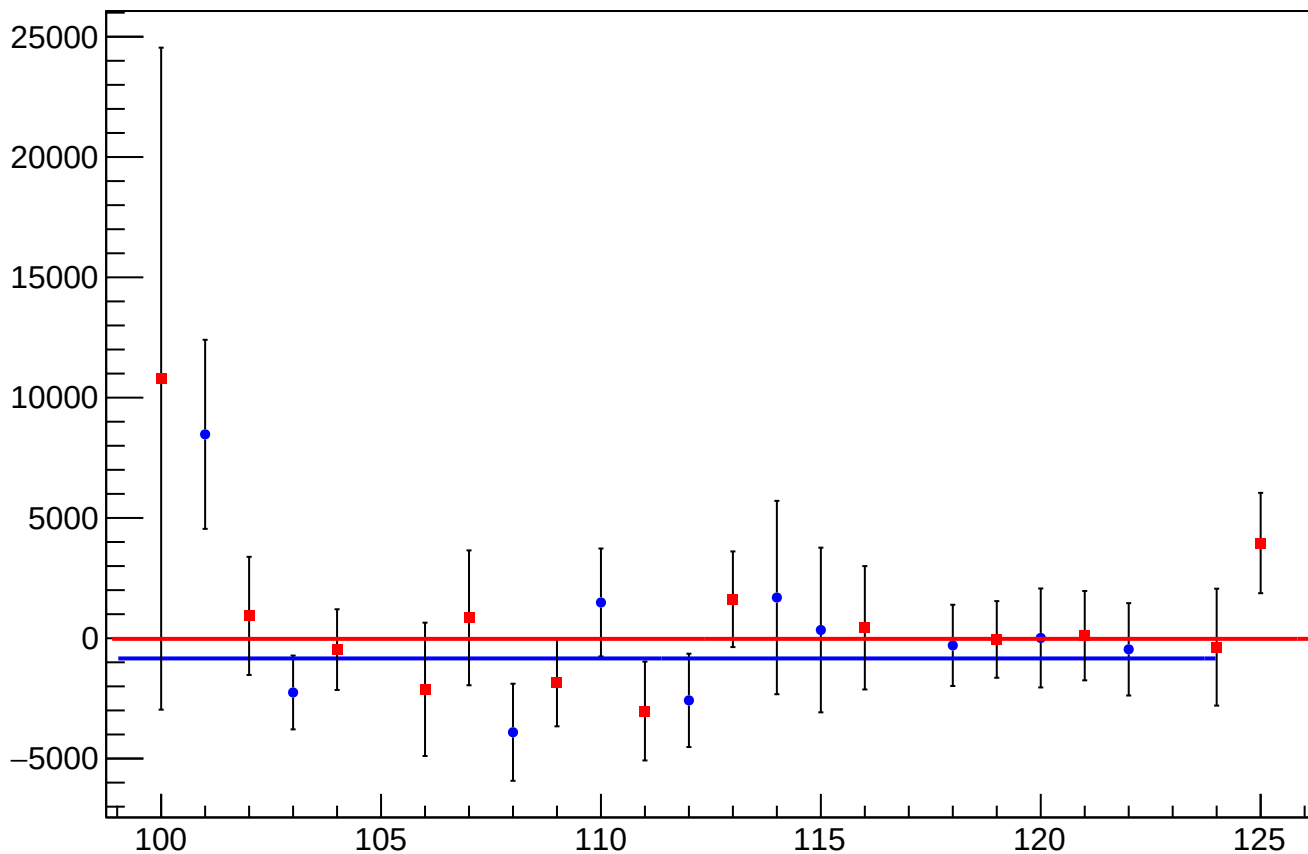
Right: 3097.893+/-0.743 χ^2/NDF : 554674.9/22

In: 3361.923+/-1.187 χ^2/NDF : 111579.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3097.893+/-0.743 χ^2/NDF : 554674.9/22

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: -24.839+/-596.093 χ^2/NDF : 9.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

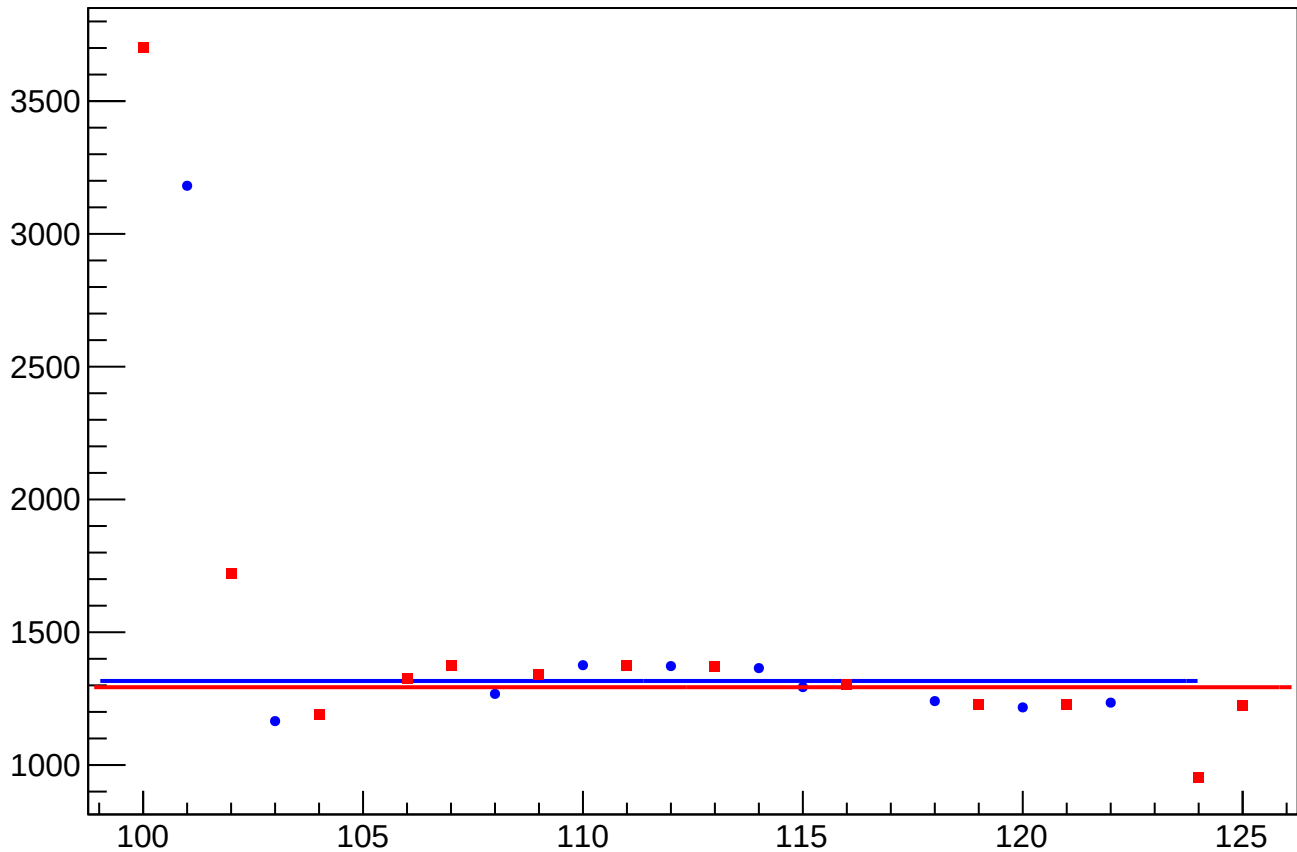
Right: -382.686+/-446.311 χ^2/NDF : 21.4/22

In: -839.228+/-673.294 χ^2/NDF :11.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -382.686+/-446.311 χ^2/NDF : 21.4/22

dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1316.587 $\pm$ 0.476 χ^2 /NDF: 486821.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1293.001 $\pm$ 0.421 χ^2 /NDF: 186268.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

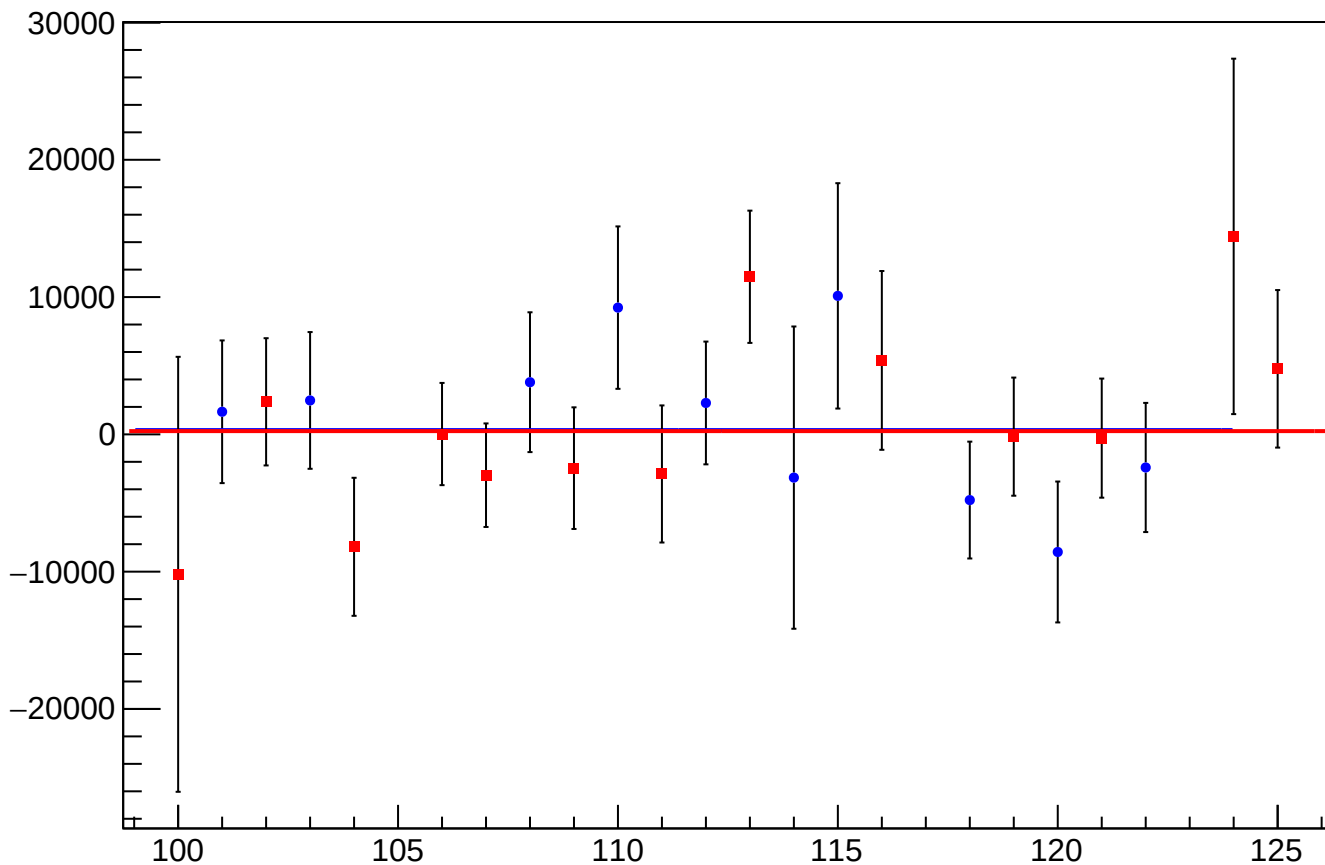
Right: 1303.352 $\pm$ 0.315 χ^2 /NDF: 674467.0/22

In: 1316.587 $\pm$ 0.476 χ^2 /NDF:486821.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1303.352 $\pm$ 0.315 χ^2 /NDF: 674467.0/22

asym_atl1r2_dd_atl2r1_dd_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: 237.000 $\pm$ 1368.624 χ^2 /NDF: 12.9/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

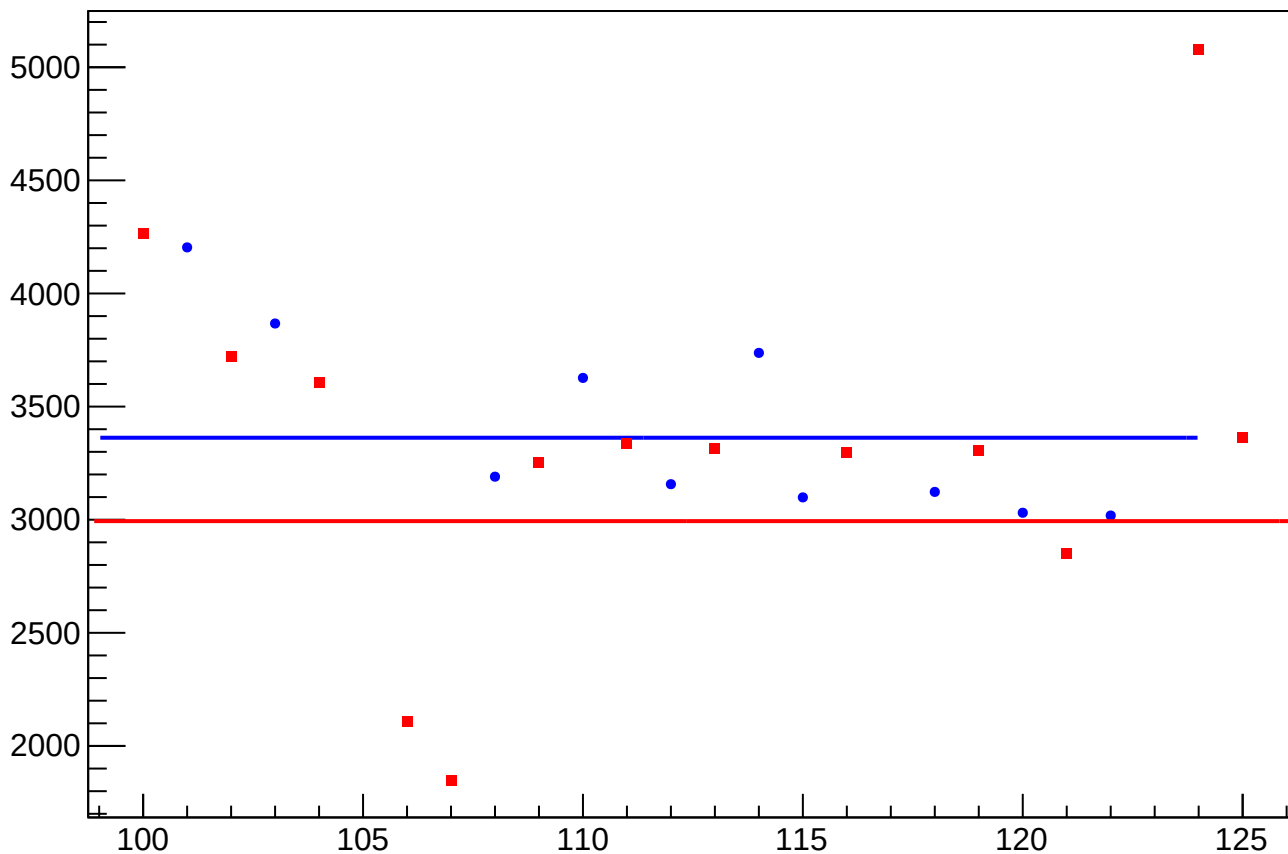
Right: 266.527 $\pm$ 1060.072 χ^2 /NDF: 22.3/22

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: 266.527 $\pm$ 1060.072 χ^2 /NDF: 22.3/22

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: 2993.777+/-0.968 χ^2/NDF : 492303.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

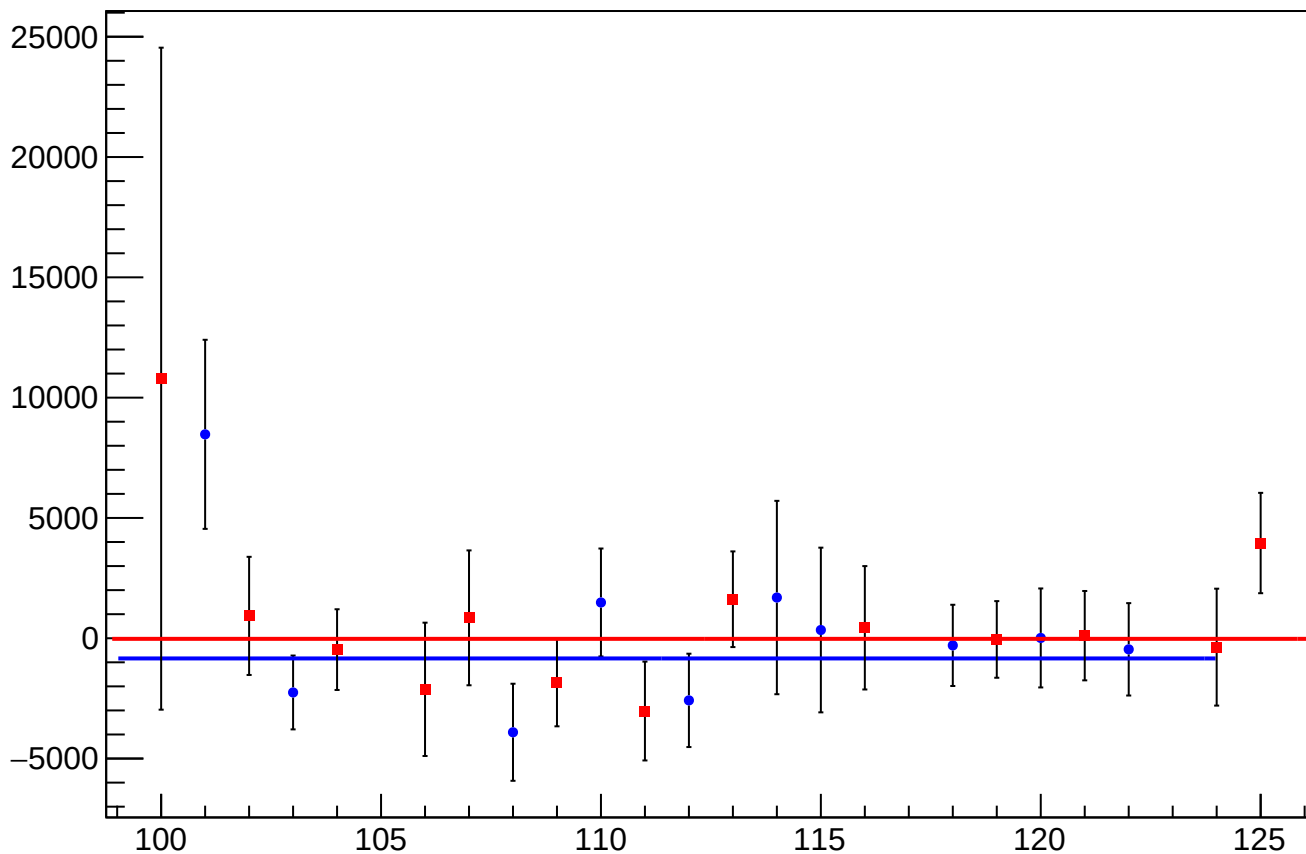
Right: 3141.241+/-0.750 χ^2/NDF : 663593.9/22

In: 3362.376+/-1.185 χ^2/NDF : 113253.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3141.241+/-0.750 χ^2/NDF : 663593.9/22

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: -24.850+/-596.092 χ^2/NDF : 9.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

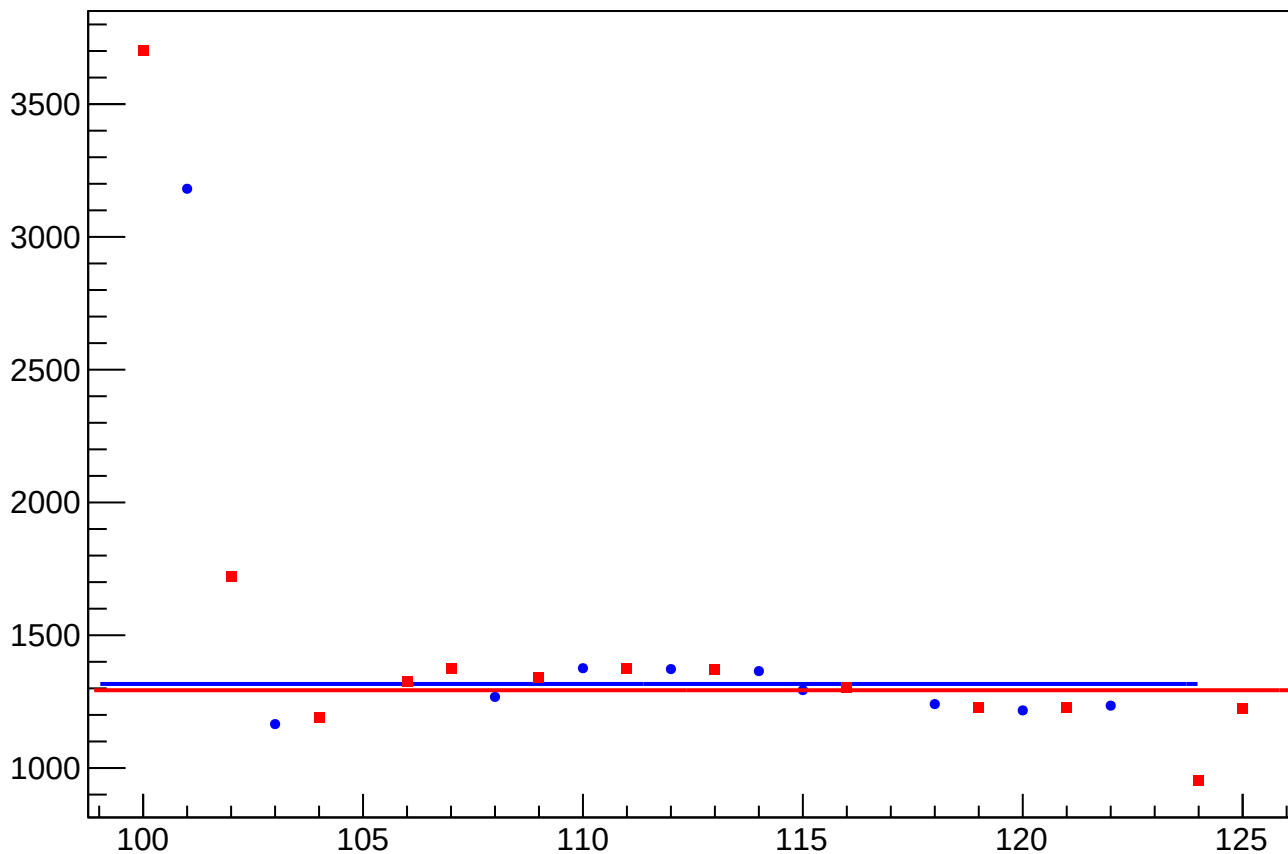
Right: -382.691+/-446.311 χ^2/NDF : 21.4/22

In: -839.225+/-673.294 χ^2/NDF : 11.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -382.691+/-446.311 χ^2/NDF : 21.4/22

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1316.587 $\pm$ 0.476 χ^2 /NDF: 486821.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1293.001 $\pm$ 0.421 χ^2 /NDF: 186268.1/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

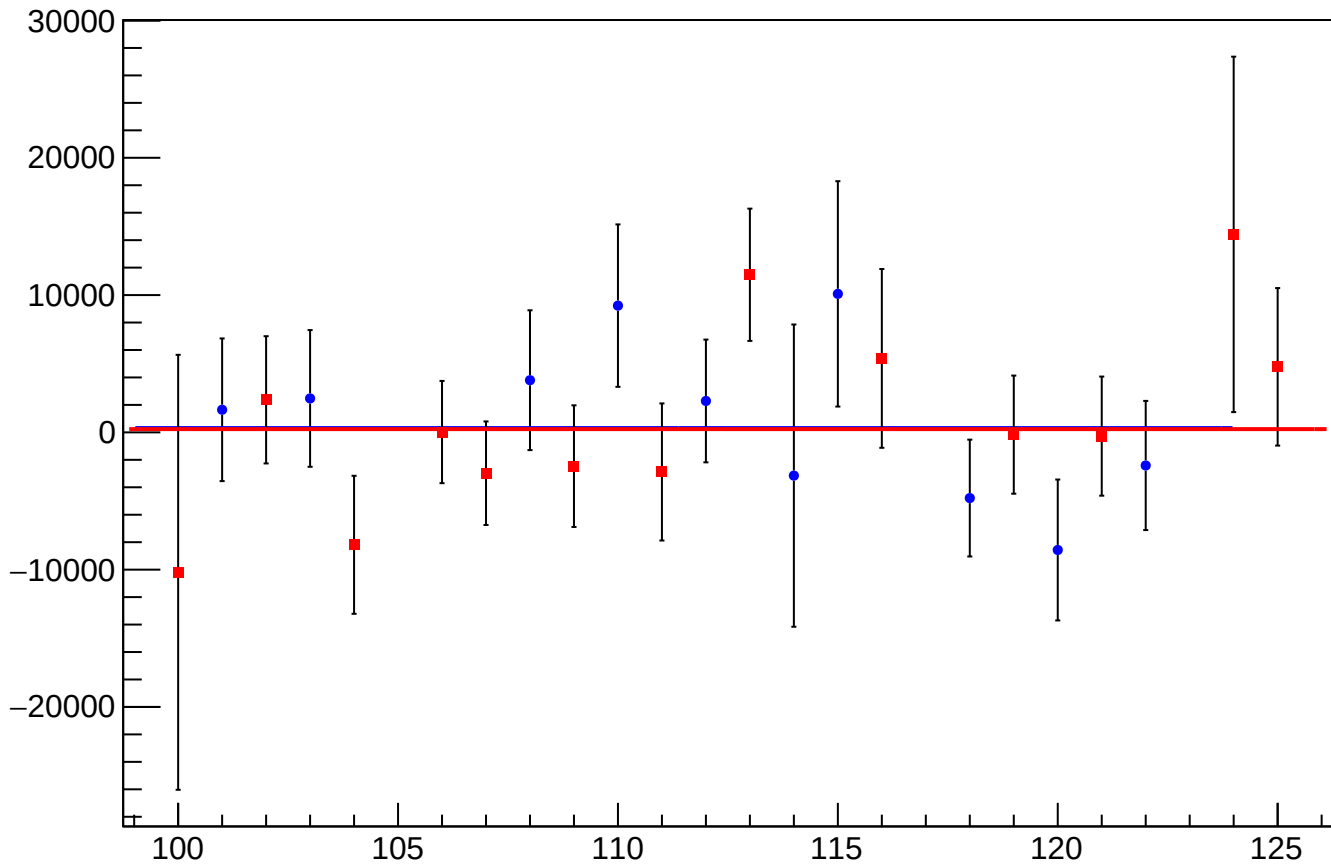
Right: 1303.352 $\pm$ 0.315 χ^2 /NDF: 674467.2/22

In: 1316.587 $\pm$ 0.476 χ^2 /NDF:486821.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1303.352 $\pm$ 0.315 χ^2 /NDF: 674467.2/22

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: 236.995+/-1368.620 χ^2/NDF : 12.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

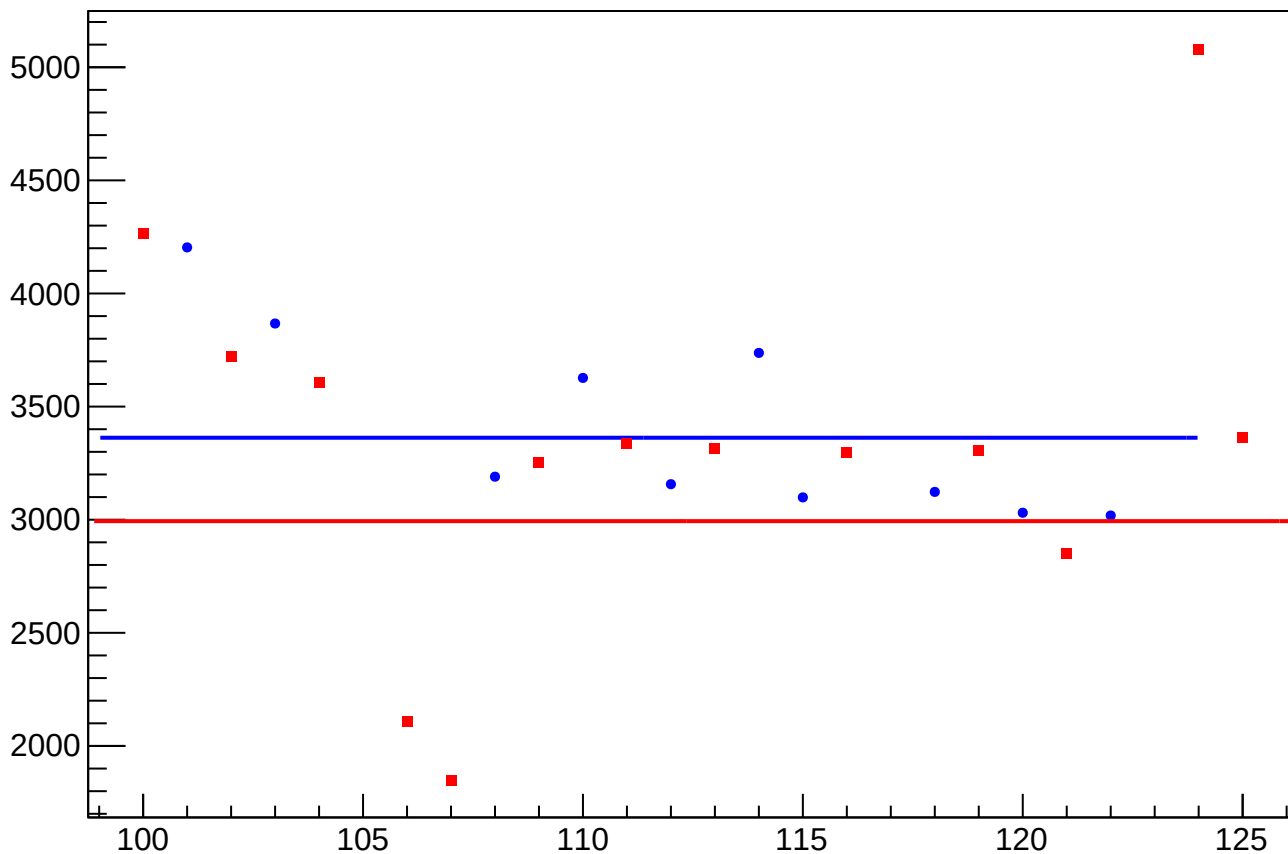
Right: 266.520+/-1060.069 χ^2/NDF : 22.3/22

In: 310.796+/-1675.975 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 266.520+/-1060.069 χ^2/NDF : 22.3/22

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: 2993.769+/-0.968 χ^2/NDF : 492305.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

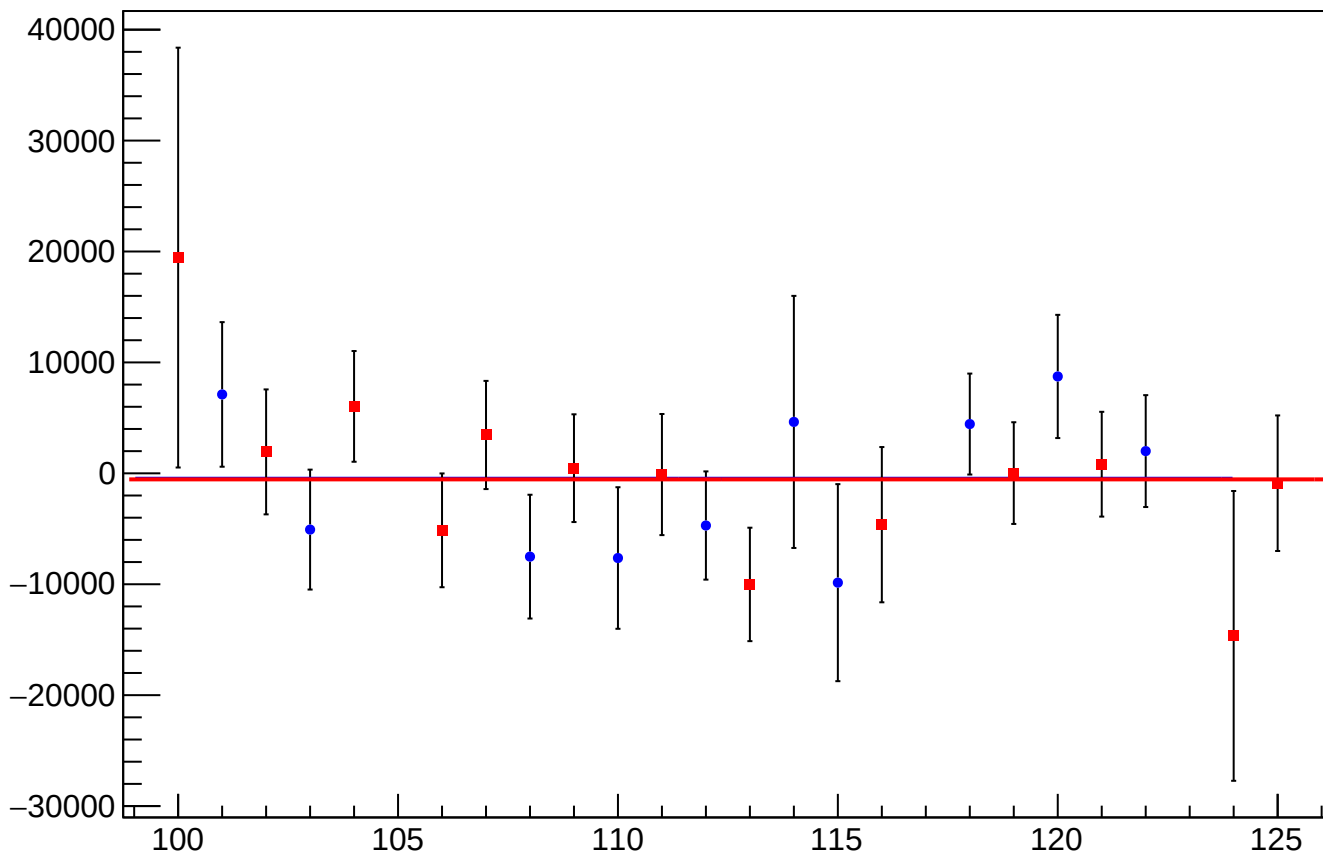
Right: 3141.232+/-0.750 χ^2/NDF : 663598.3/22

In: 3362.366+/-1.185 χ^2/NDF : 113256.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3141.232+/-0.750 χ^2/NDF : 663598.3/22

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: -545.638+/-1553.954 χ^2/NDF : 9.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

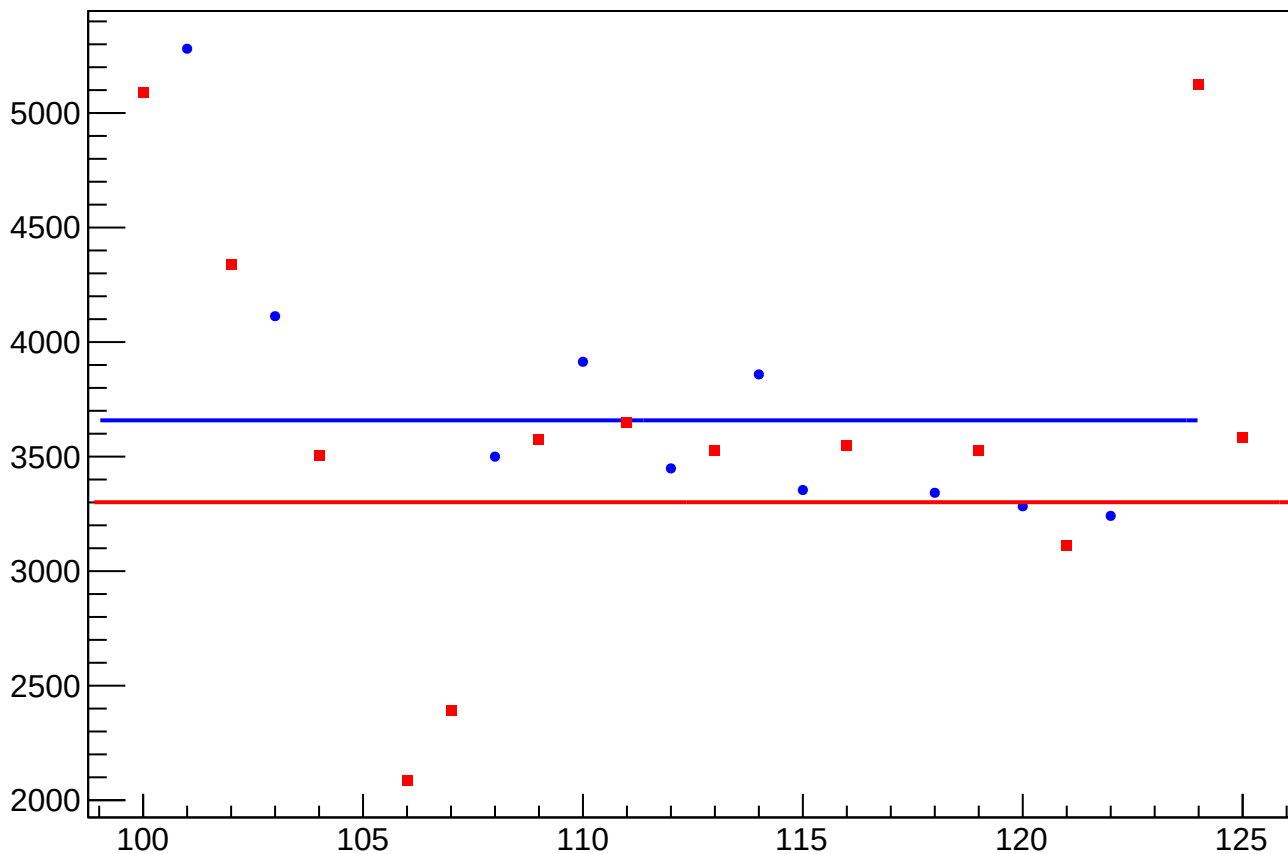
Right: -521.845+/-1185.960 χ^2/NDF : 20.8/22

In: -488.656+/-1835.353 χ^2/NDF : 11.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -521.845+/-1185.960 χ^2/NDF : 20.8/22

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: 3300.947+/-1.079 χ^2/NDF : 388143.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

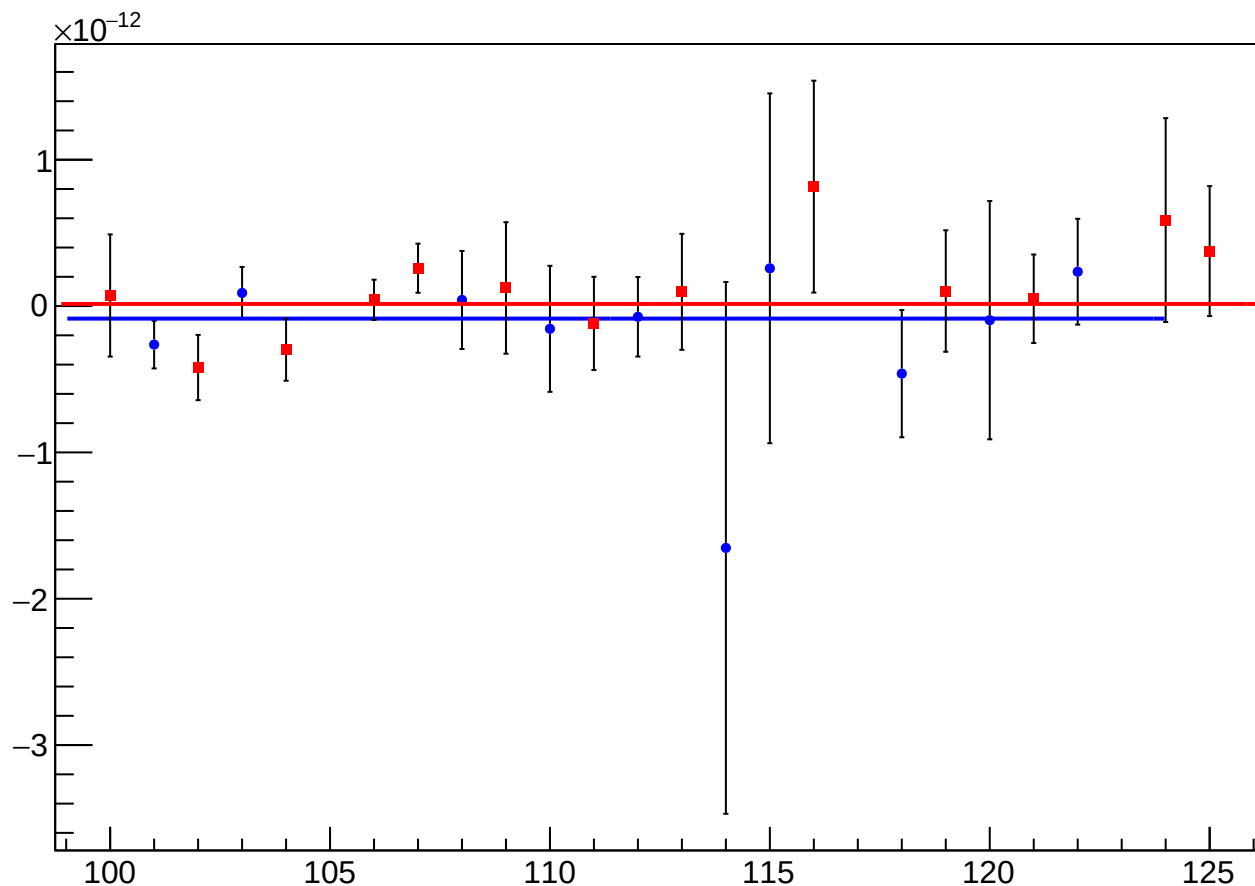
Right: 3446.967+/-0.830 χ^2/NDF : 614992.8/22

In: 3658.323+/-1.298 χ^2/NDF : 182001.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3446.967+/-0.830 χ^2/NDF : 614992.8/22

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 : 11.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

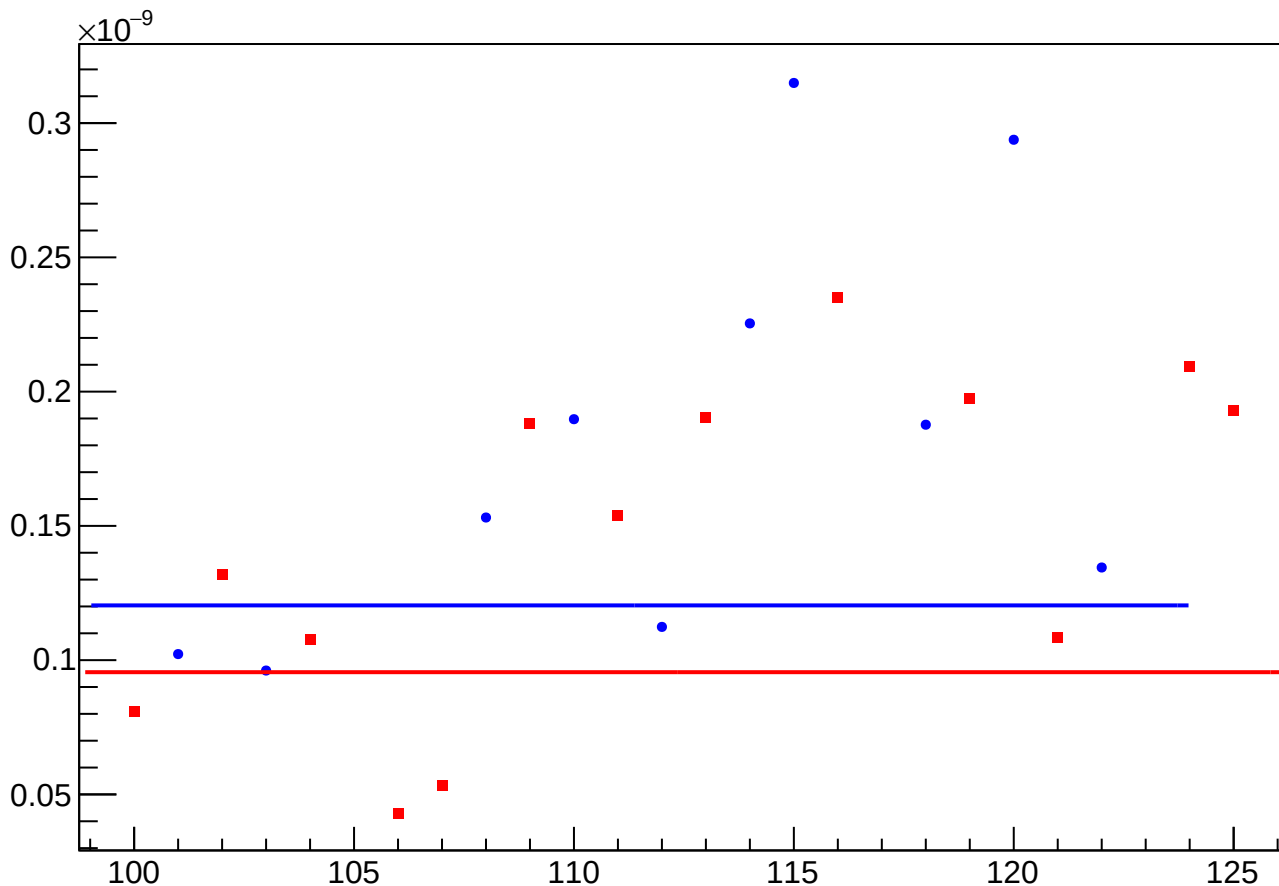
Right: -0.000+/-0.000 χ^2/NDF : 16.5/22

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 : 16.5/22

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 : 1096990.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

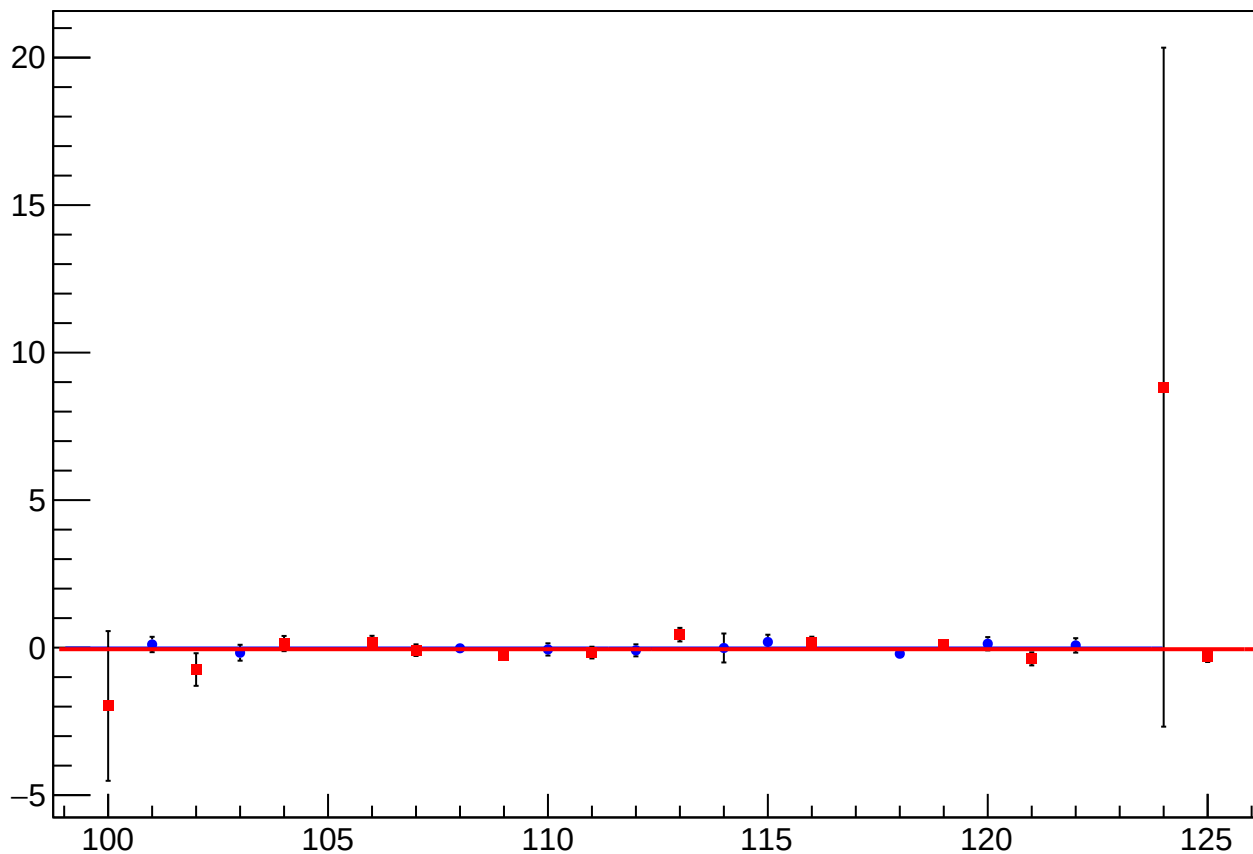
Right: 0.000+/-0.000 χ^2/NDF : 1519489.5/22

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 : 1519489.5/22

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: -0.054 ± 0.062 χ^2/NDF : 16.9/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

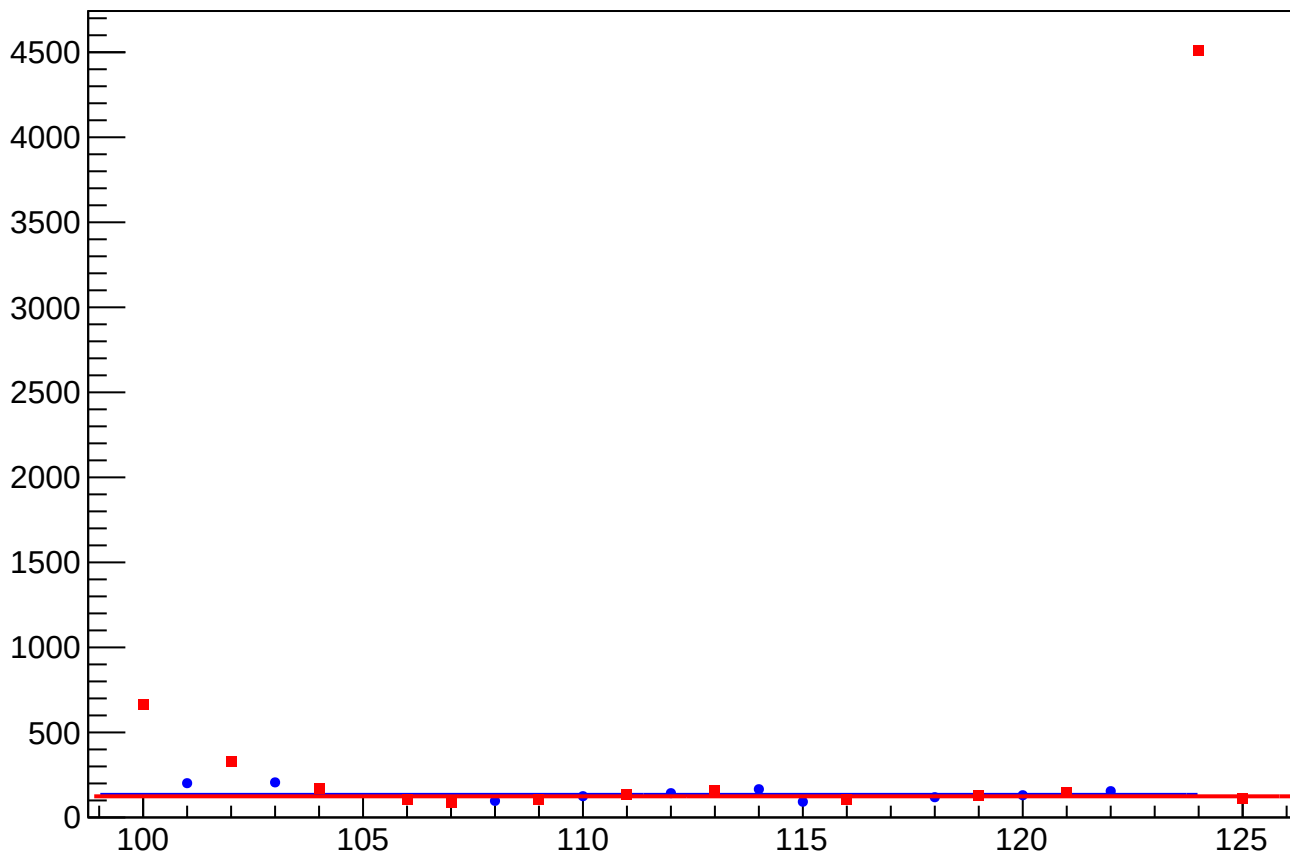
Right: -0.043 ± 0.046 χ^2/NDF : 20.3/22

In: -0.030 ± 0.069 χ^2/NDF : 3.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.043 ± 0.046 χ^2/NDF : 20.3/22

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: 124.262+/-0.044 χ^2/NDF : 906589.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

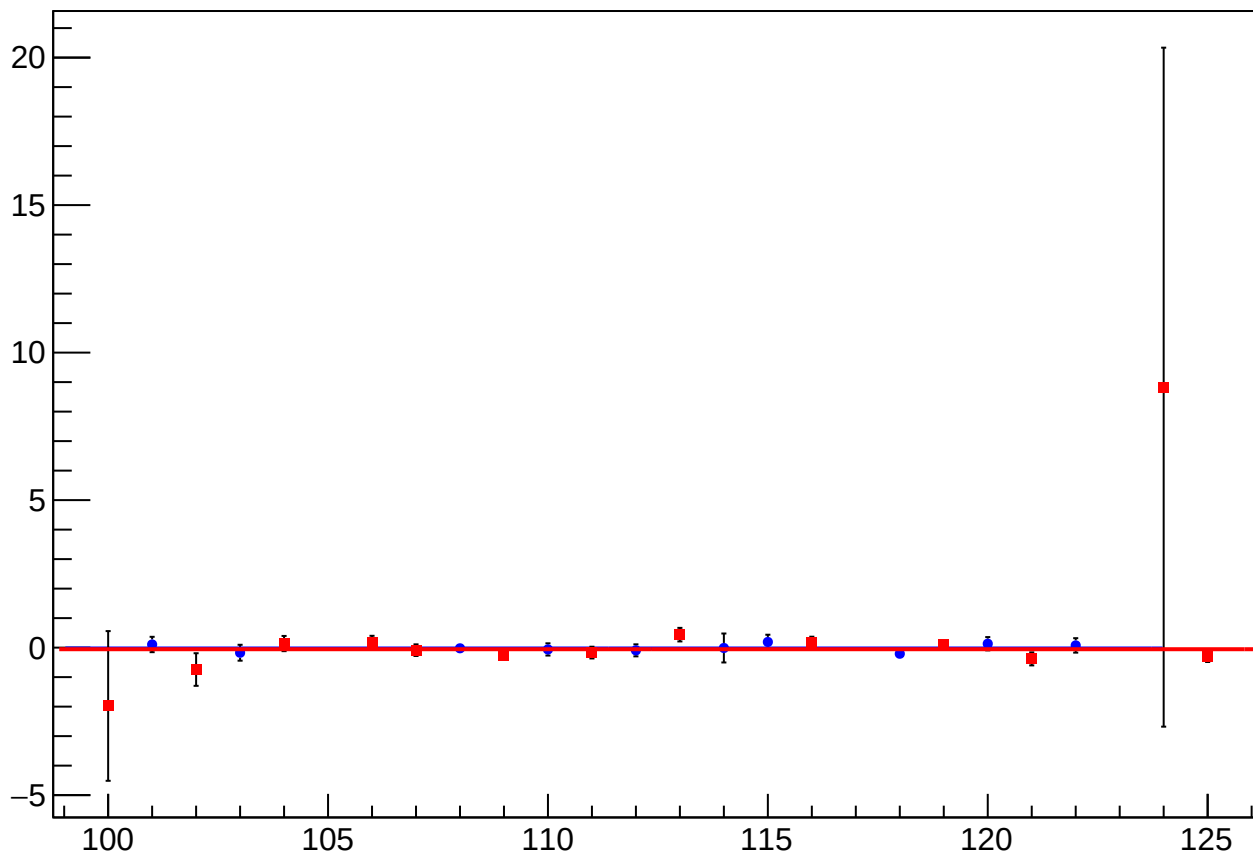
Right: 128.075+/-0.033 χ^2/NDF : 1409624.3/22

In: 132.828+/-0.049 χ^2/NDF : 485973.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.075+/-0.033 χ^2/NDF : 1409624.3/22

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: -0.054+/-0.062 χ^2/NDF : 16.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

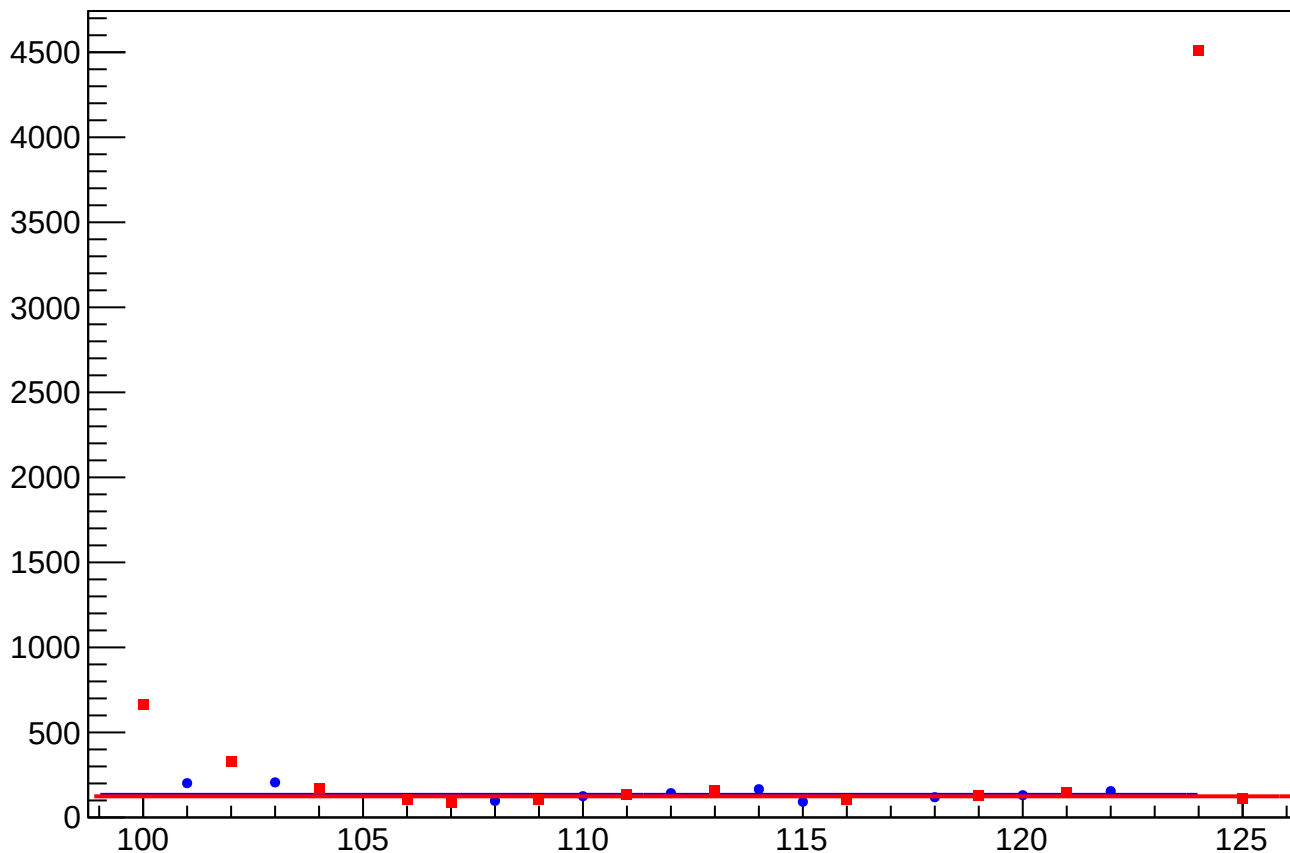
Right: -0.043+/-0.046 χ^2/NDF : 20.3/22

In: -0.030+/-0.069 χ^2/NDF :3.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.043+/-0.046 χ^2/NDF : 20.3/22

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: 124.262+/-0.044 χ^2/NDF : 906589.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

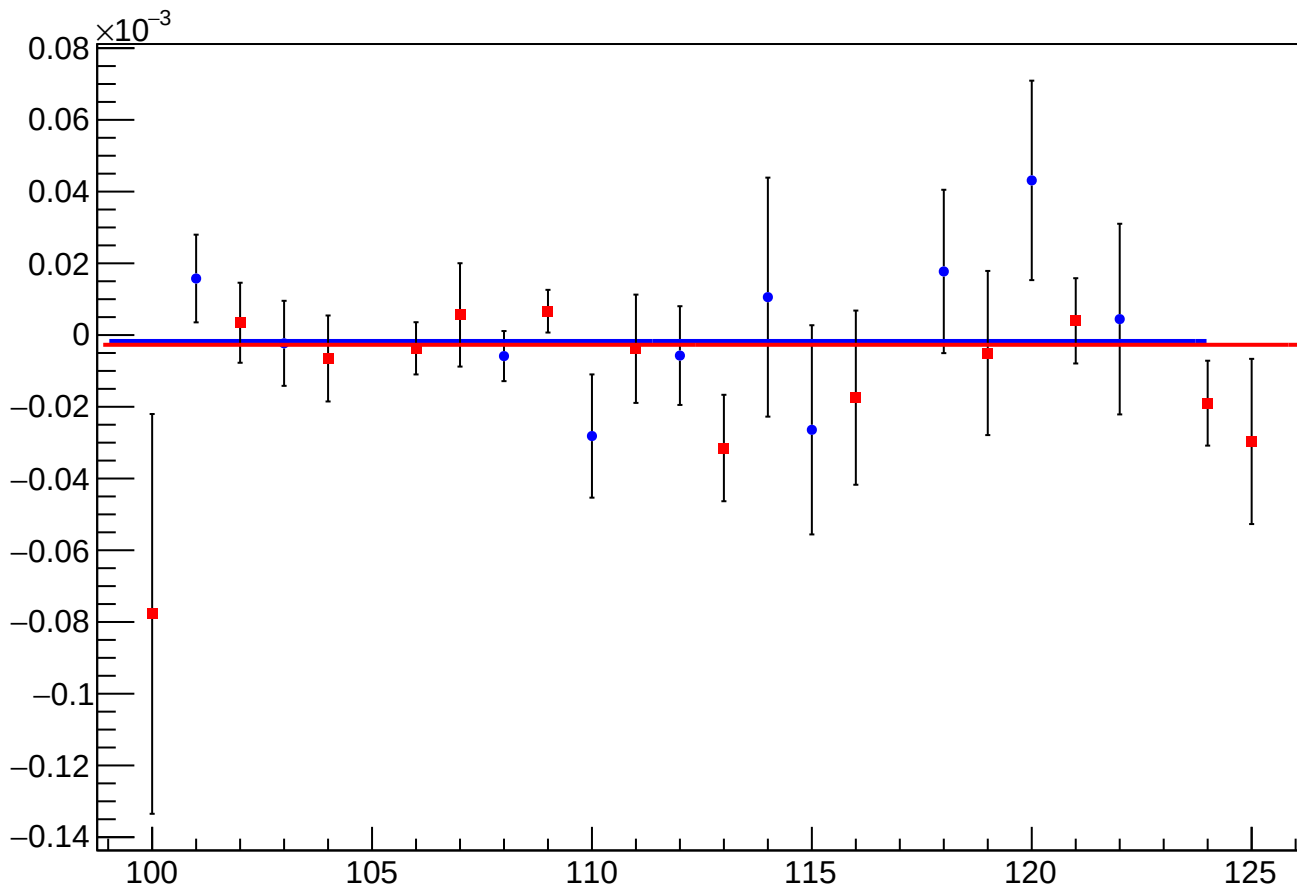
Right: 128.075+/-0.033 χ^2/NDF : 1409624.3/22

In: 132.828+/-0.049 χ^2/NDF : 485973.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.075+/-0.033 χ^2/NDF : 1409624.3/22

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 : 12.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

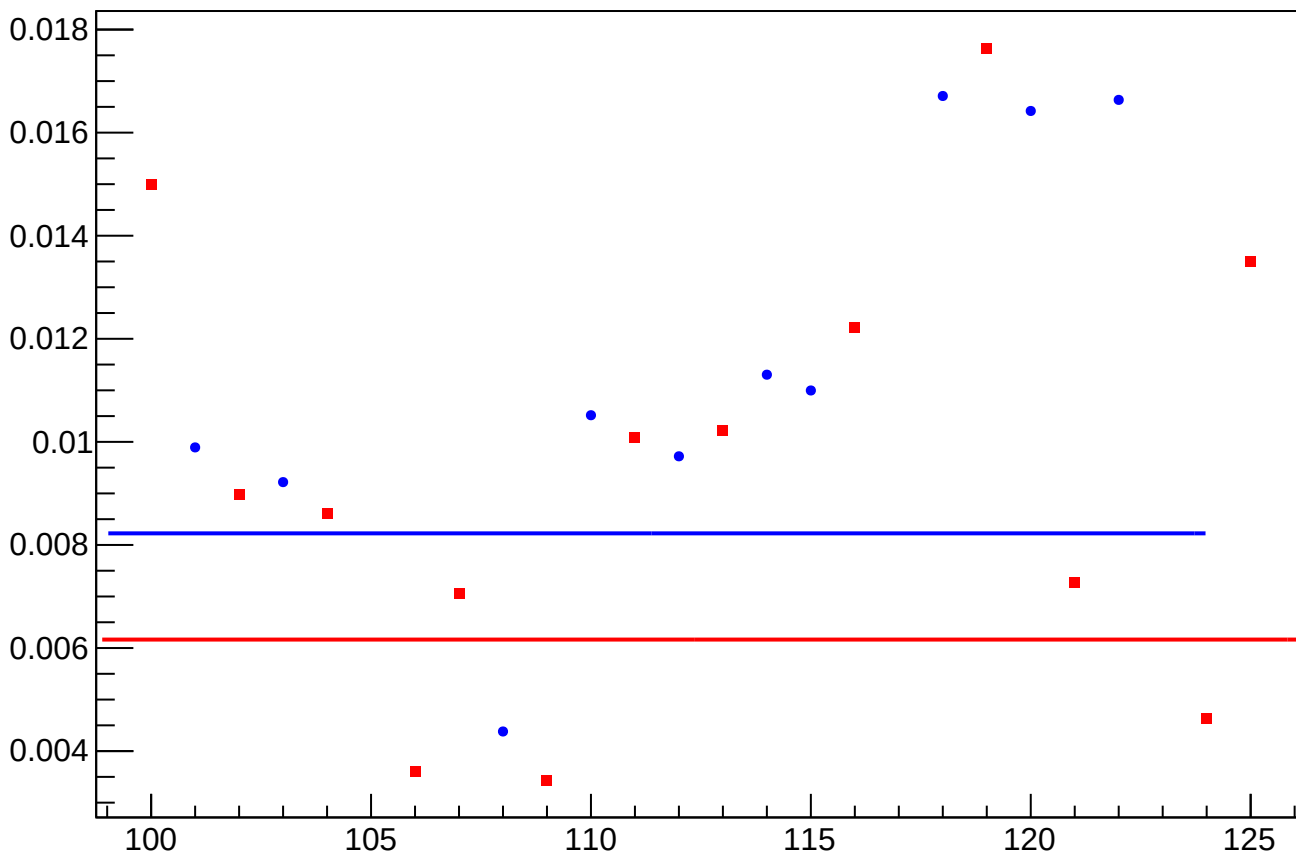
Right: -0.000+/-0.000 χ^2/NDF : 21.9/22

In: -0.000+/-0.000 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.9/22

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 : 2102110.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

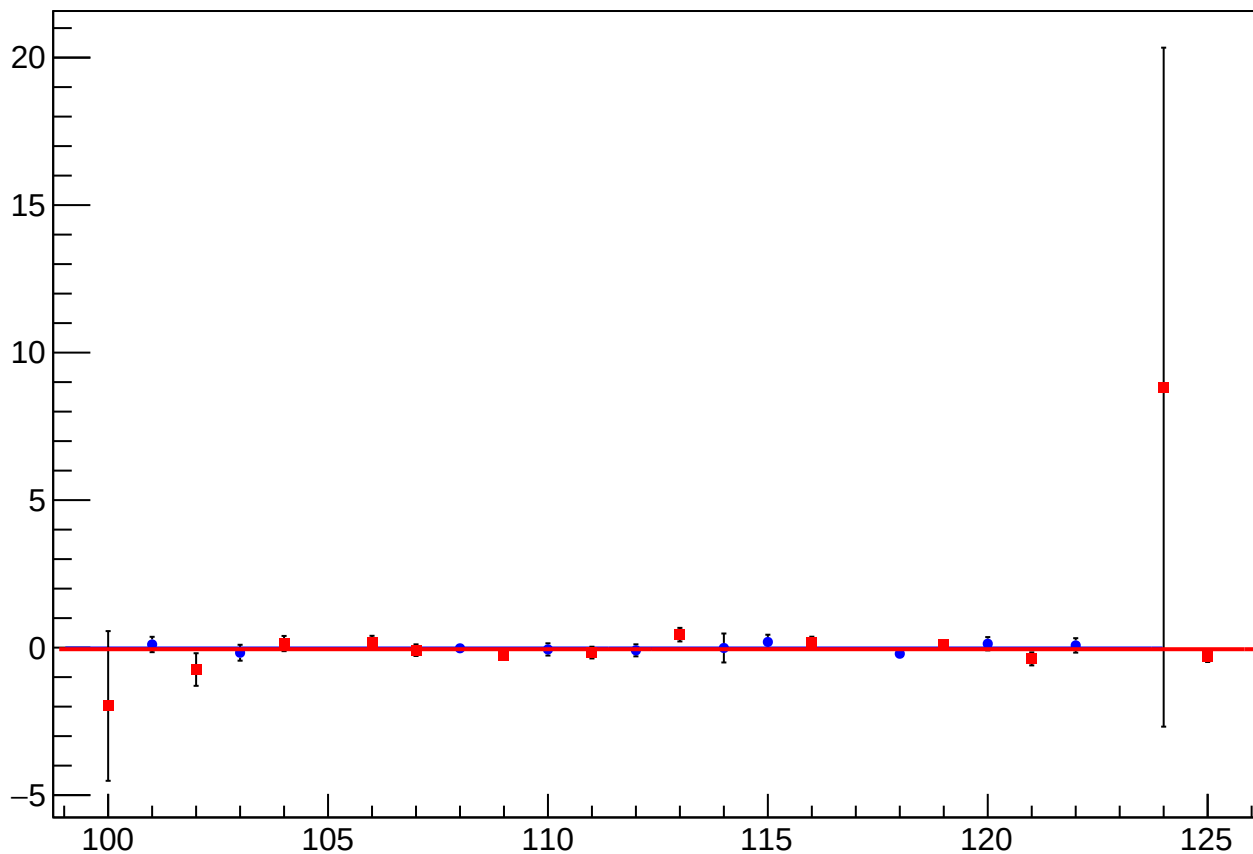
Right: 0.007+/-0.000 χ^2/NDF : 3783240.0/22

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 : 3783240.0/22

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: -0.054+/-0.062 χ^2/NDF : 16.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

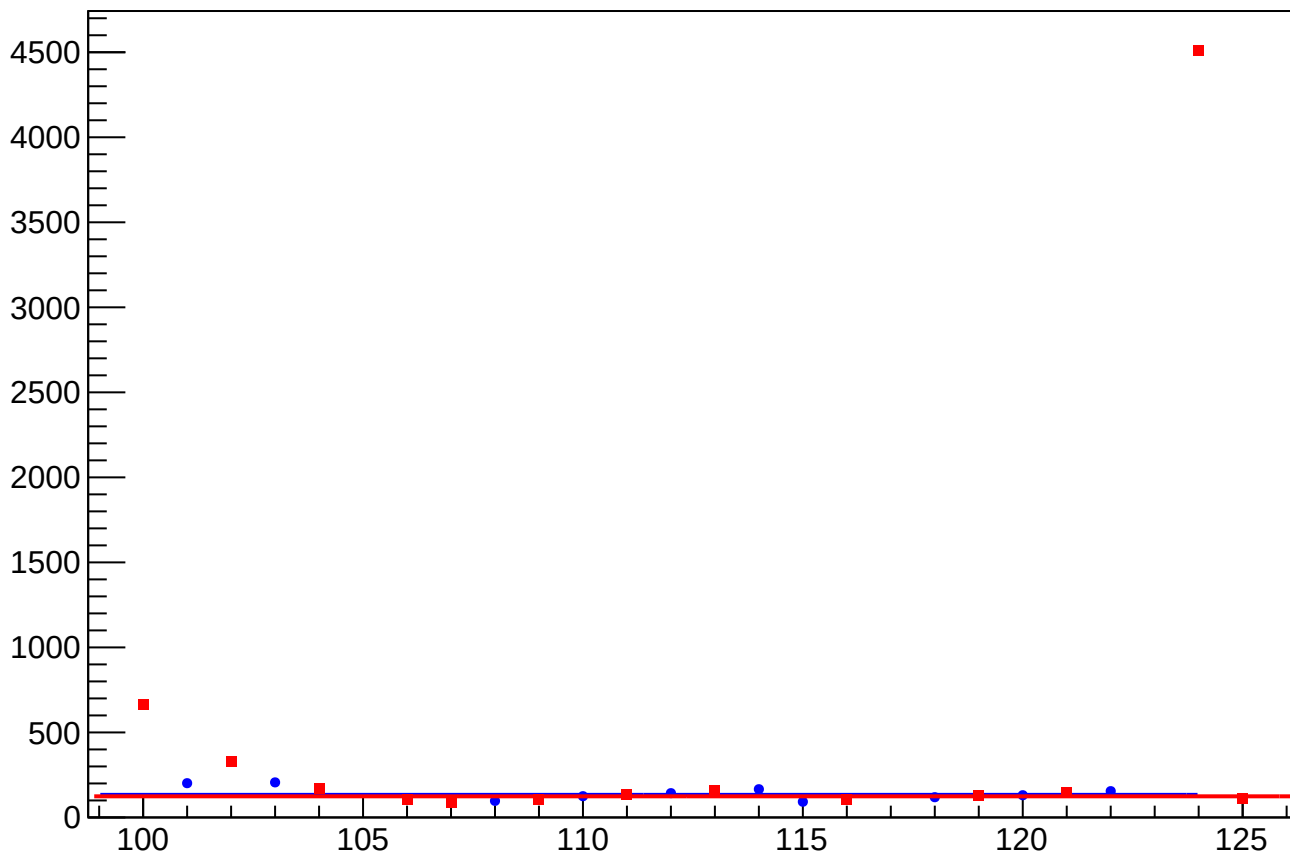
Right: -0.043+/-0.046 χ^2/NDF : 20.3/22

In: -0.030+/-0.069 χ^2/NDF :3.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.043+/-0.046 χ^2/NDF : 20.3/22

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: 124.264+/-0.044 χ^2/NDF : 906540.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

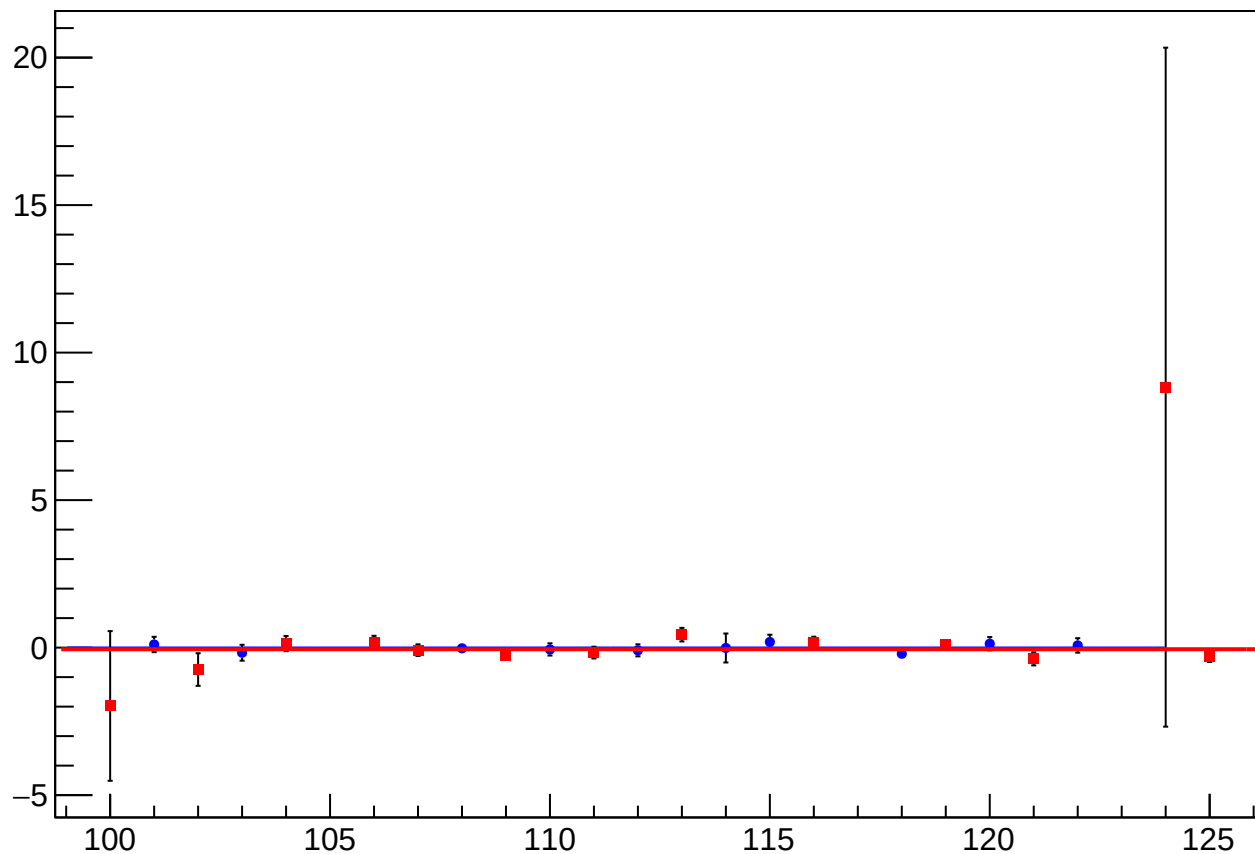
Right: 128.077+/-0.033 χ^2/NDF : 1409539.3/22

In: 132.829+/-0.049 χ^2/NDF : 485942.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.077+/-0.033 χ^2/NDF : 1409539.3/22

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: -0.054 ± 0.062 χ^2/NDF : 16.9/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

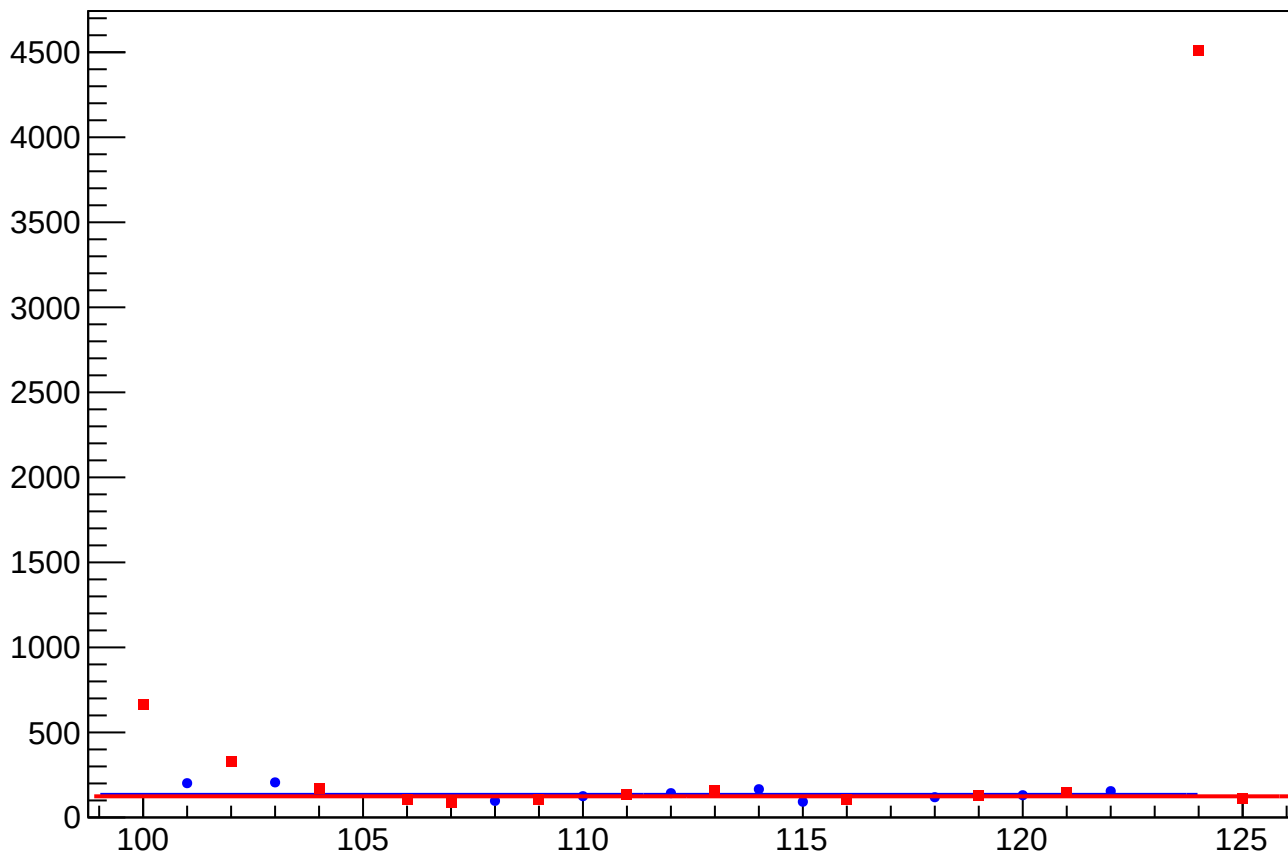
Right: -0.043 ± 0.046 χ^2/NDF : 20.3/22

In: -0.030 ± 0.069 χ^2/NDF : 3.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.043 ± 0.046 χ^2/NDF : 20.3/22

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: 124.264+/-0.044 χ^2/NDF : 906540.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

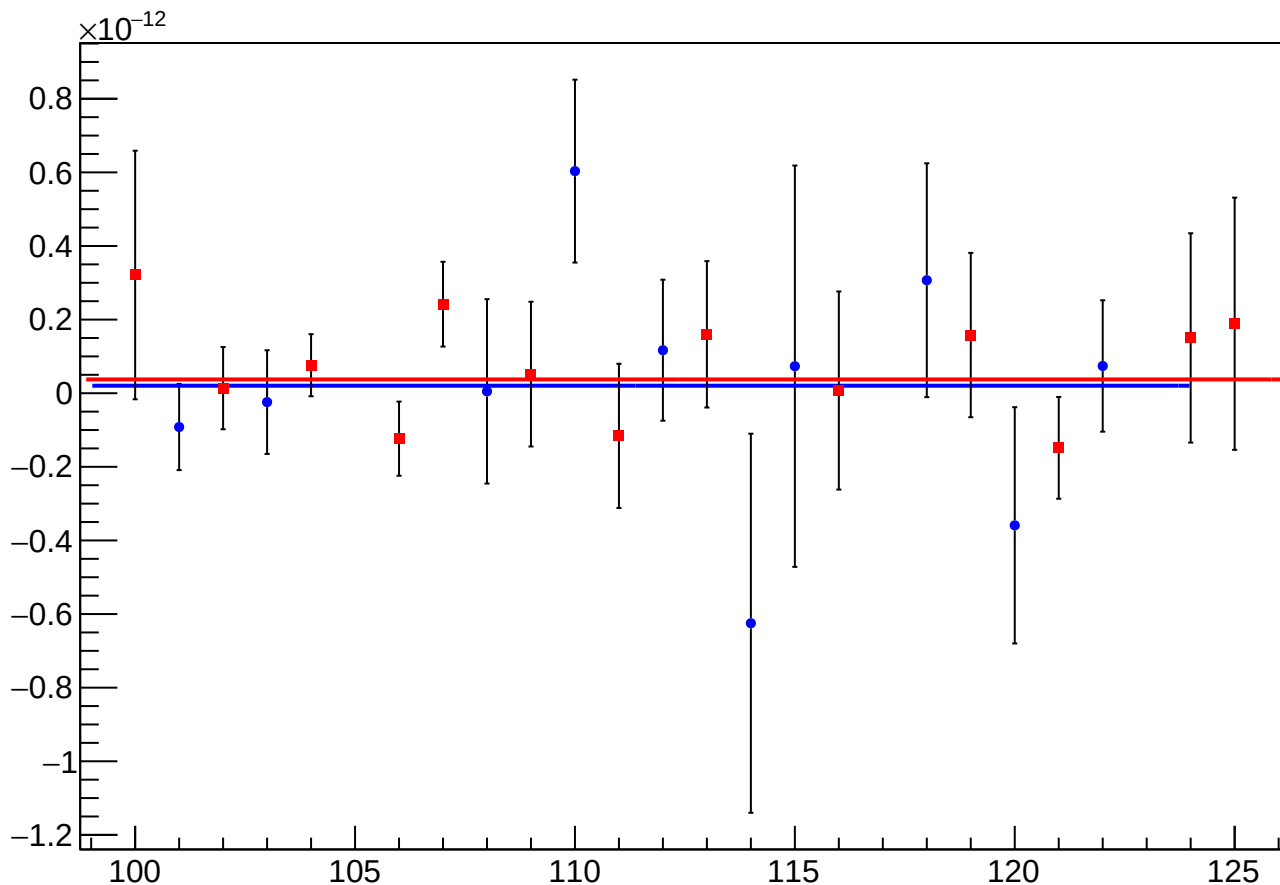
Right: 128.077+/-0.033 χ^2/NDF : 1409539.3/22

In: 132.829+/-0.049 χ^2/NDF : 485942.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.077+/-0.033 χ^2/NDF : 1409539.3/22

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 : 10.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

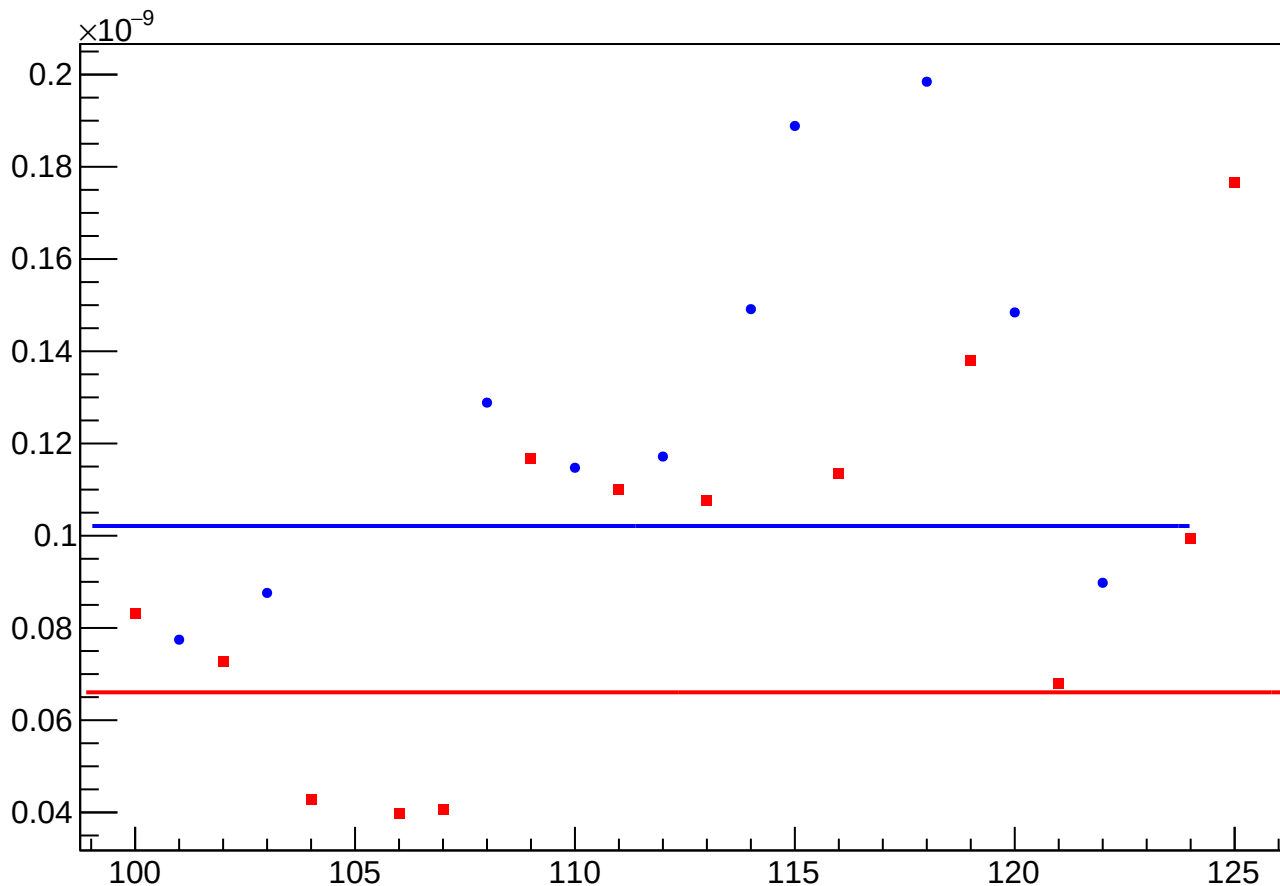
Right: 0.000+/-0.000 χ^2/NDF : 20.8/22

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 : 20.8/22

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 : 1223852.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

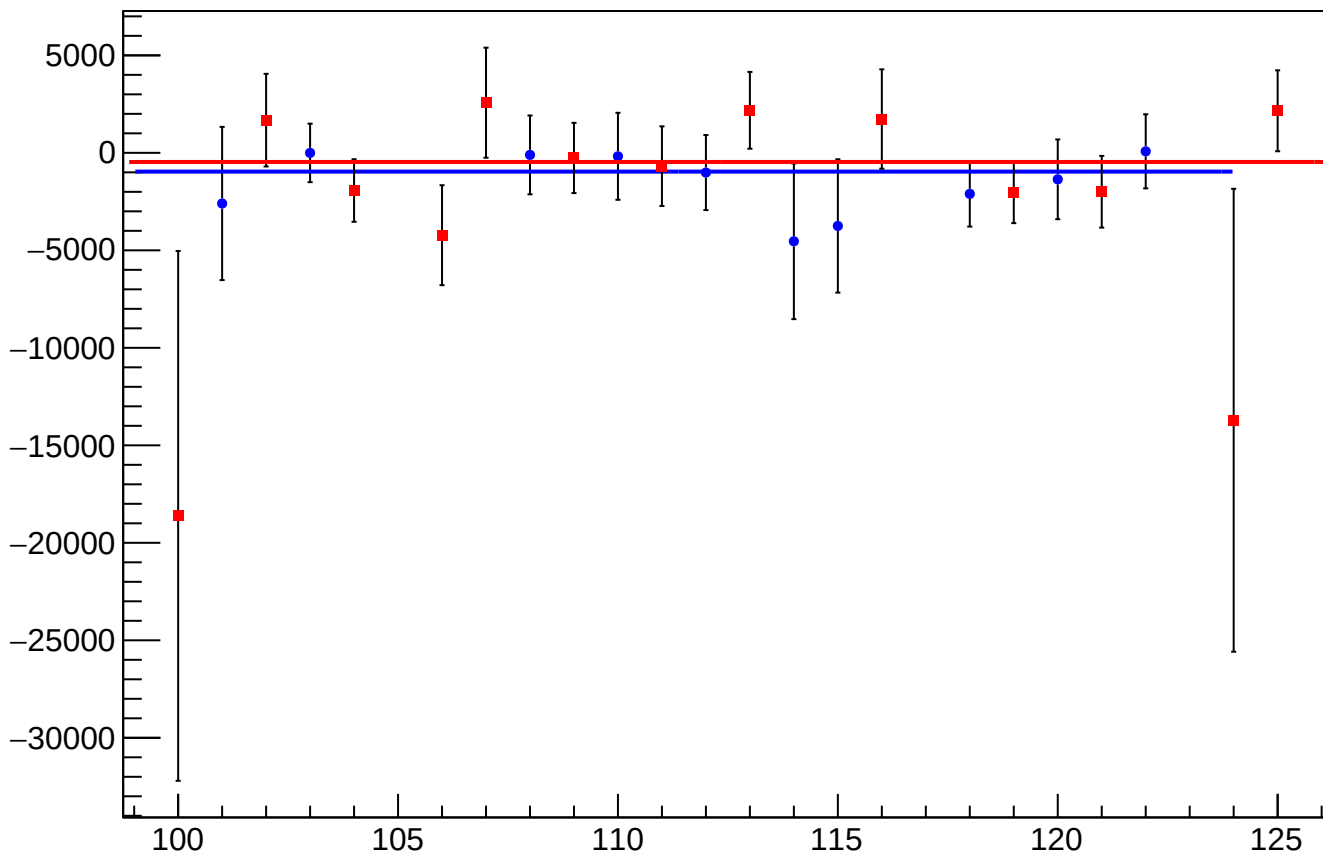
Right: 0.000+/-0.000 χ^2/NDF : 2120858.5/22

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 : 2120858.5/22

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: -467.860+/-603.724 χ^2/NDF : 13.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

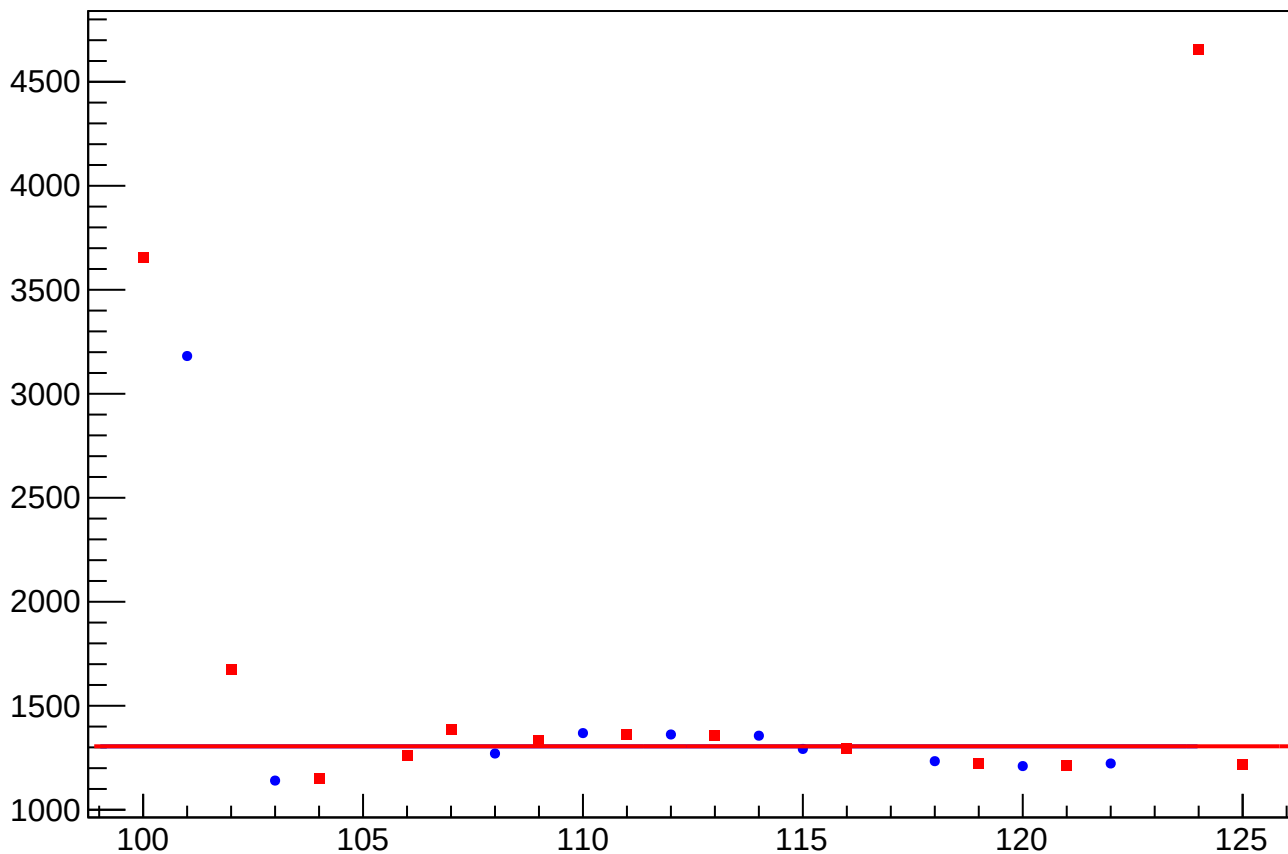
Right: -690.459+/-447.774 χ^2/NDF : 17.3/22

In: -962.633+/-667.575 χ^2/NDF : 3.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -690.459+/-447.774 χ^2/NDF : 17.3/22

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: 1305.145+/-0.427 χ^2/NDF : 306778.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

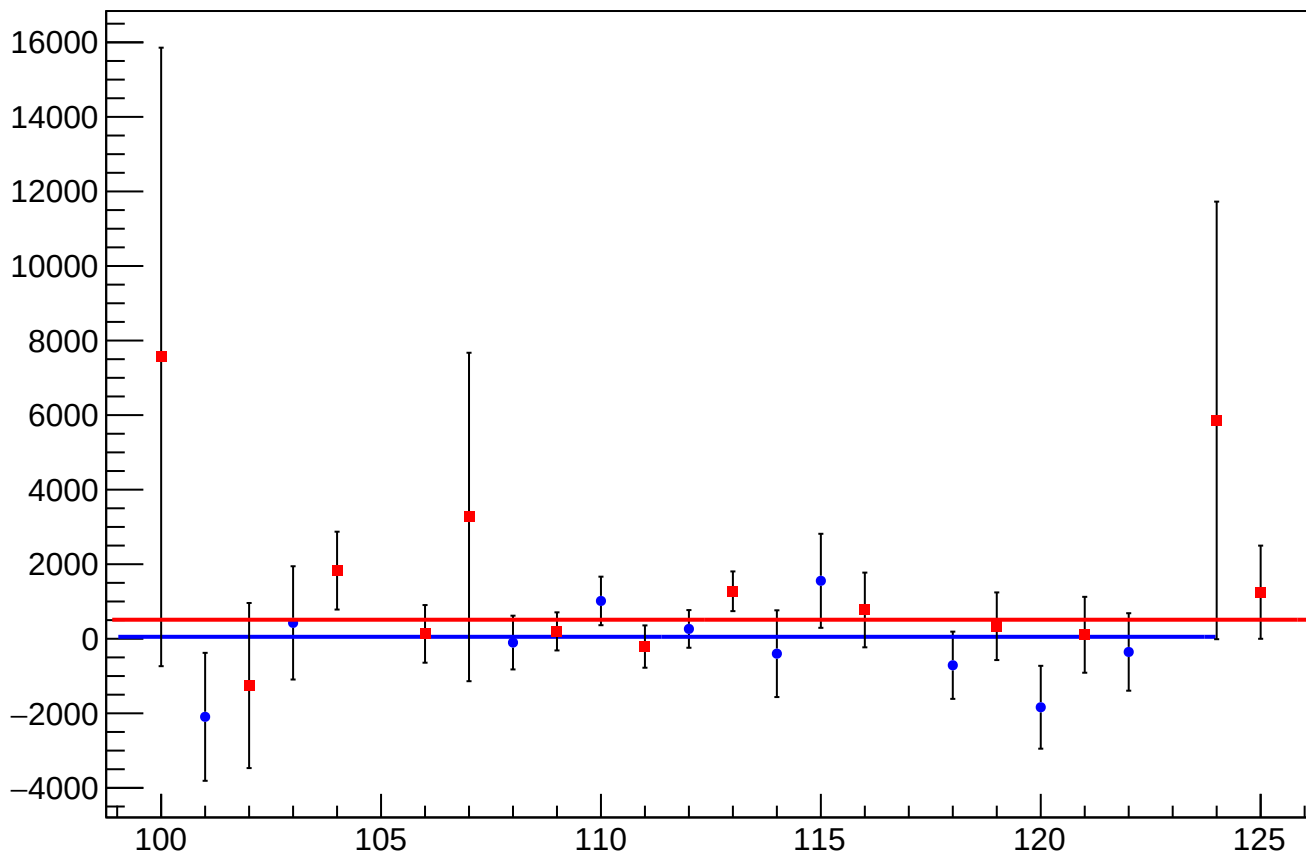
Right: 1304.965+/-0.317 χ^2/NDF : 803200.0/22

In: 1304.745+/-0.472 χ^2/NDF : 496421.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1304.965+/-0.317 χ^2/NDF : 803200.0/22

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 52.611 $\pm$ 274.168 χ^2 /NDF: 9.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 510.743 $\pm$ 241.384 χ^2 /NDF: 9.1/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

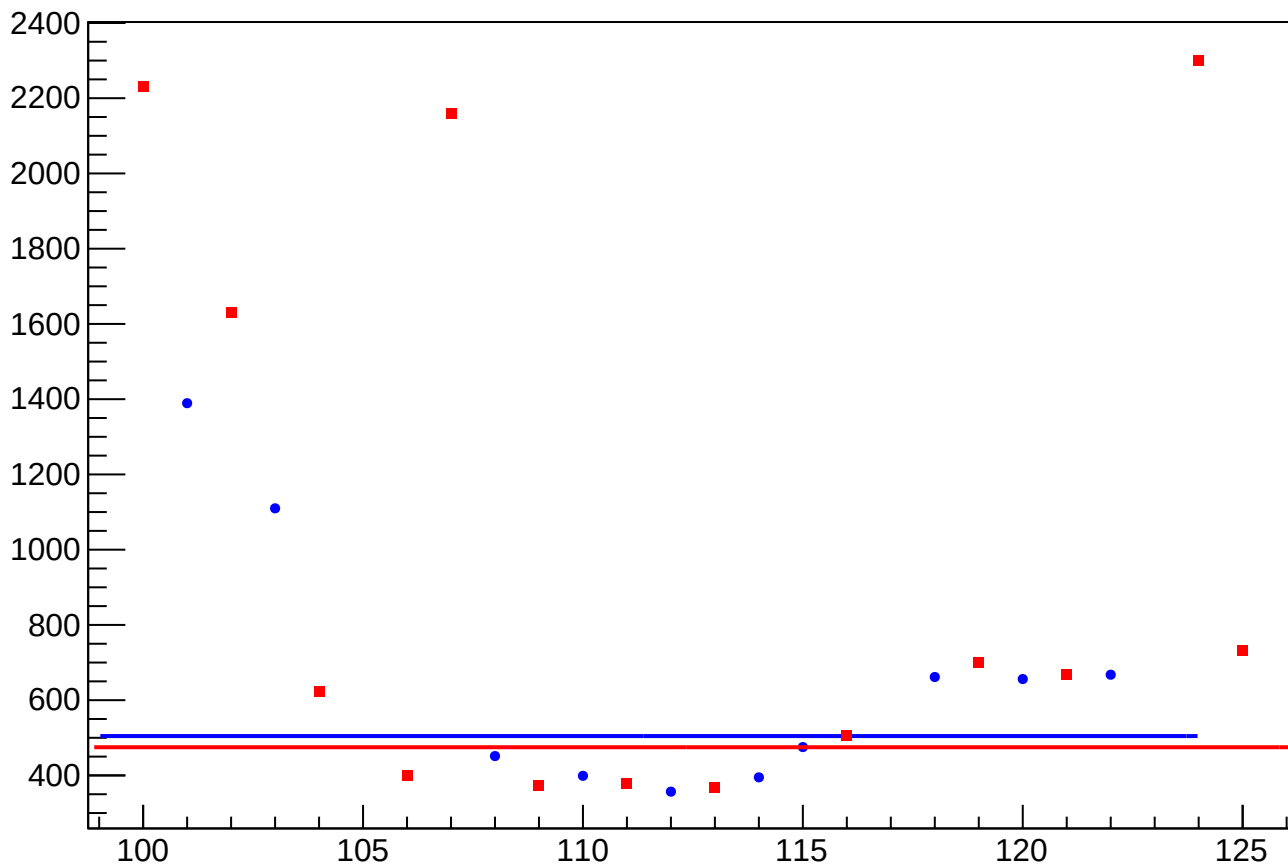
Right: 310.692 $\pm$ 181.172 χ^2 /NDF: 20.0/22

In: 52.611 $\pm$ 274.168 χ^2 /NDF:9.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 310.692 $\pm$ 181.172 χ^2 /NDF: 20.0/22

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: 474.938+/-0.171 χ^2/NDF : 1679139.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

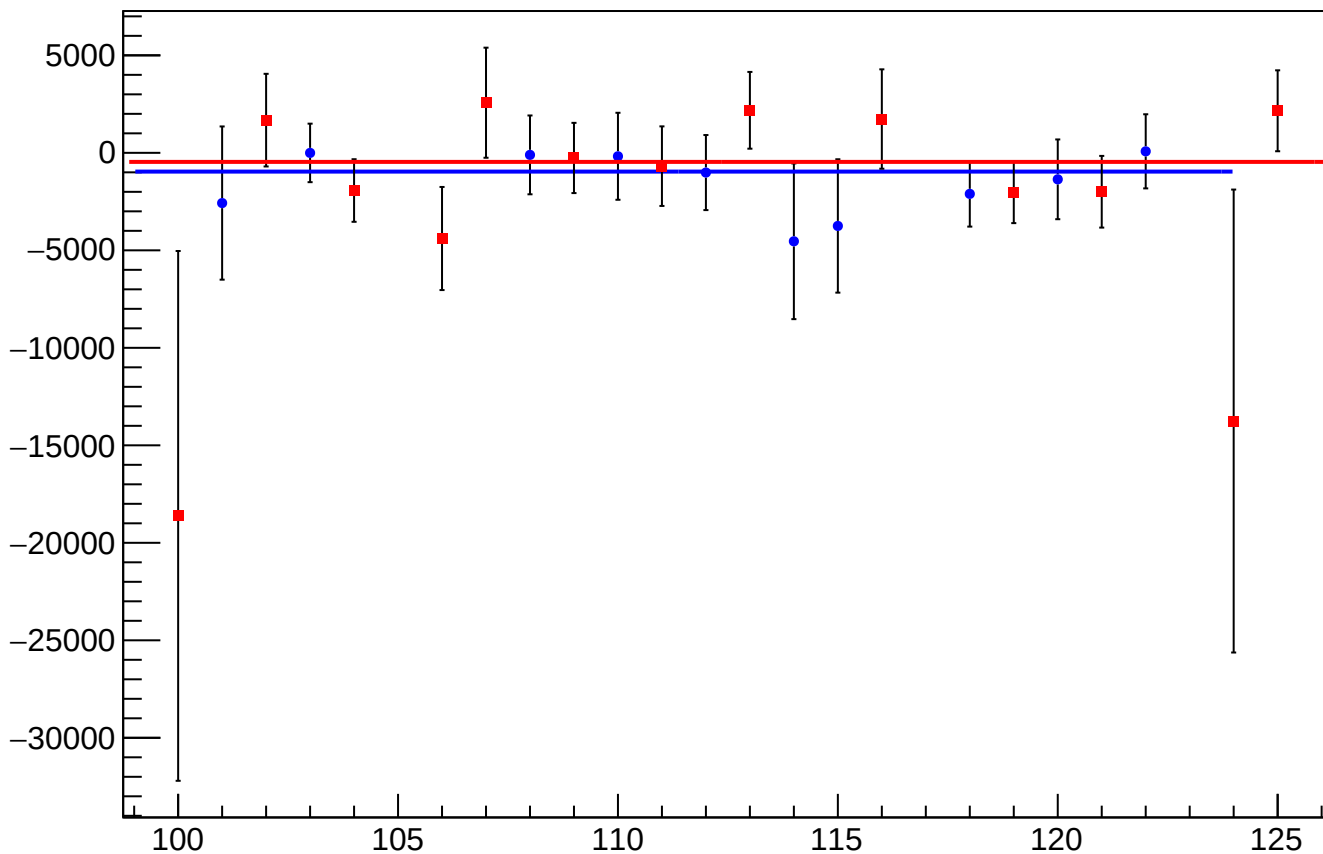
Right: 487.891+/-0.128 χ^2/NDF : 2941715.1/22

In: 504.601+/-0.194 χ^2/NDF :1249387.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 487.891+/-0.128 χ^2/NDF : 2941715.1/22

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: -464.376+/-604.728 χ^2/NDF : 13.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

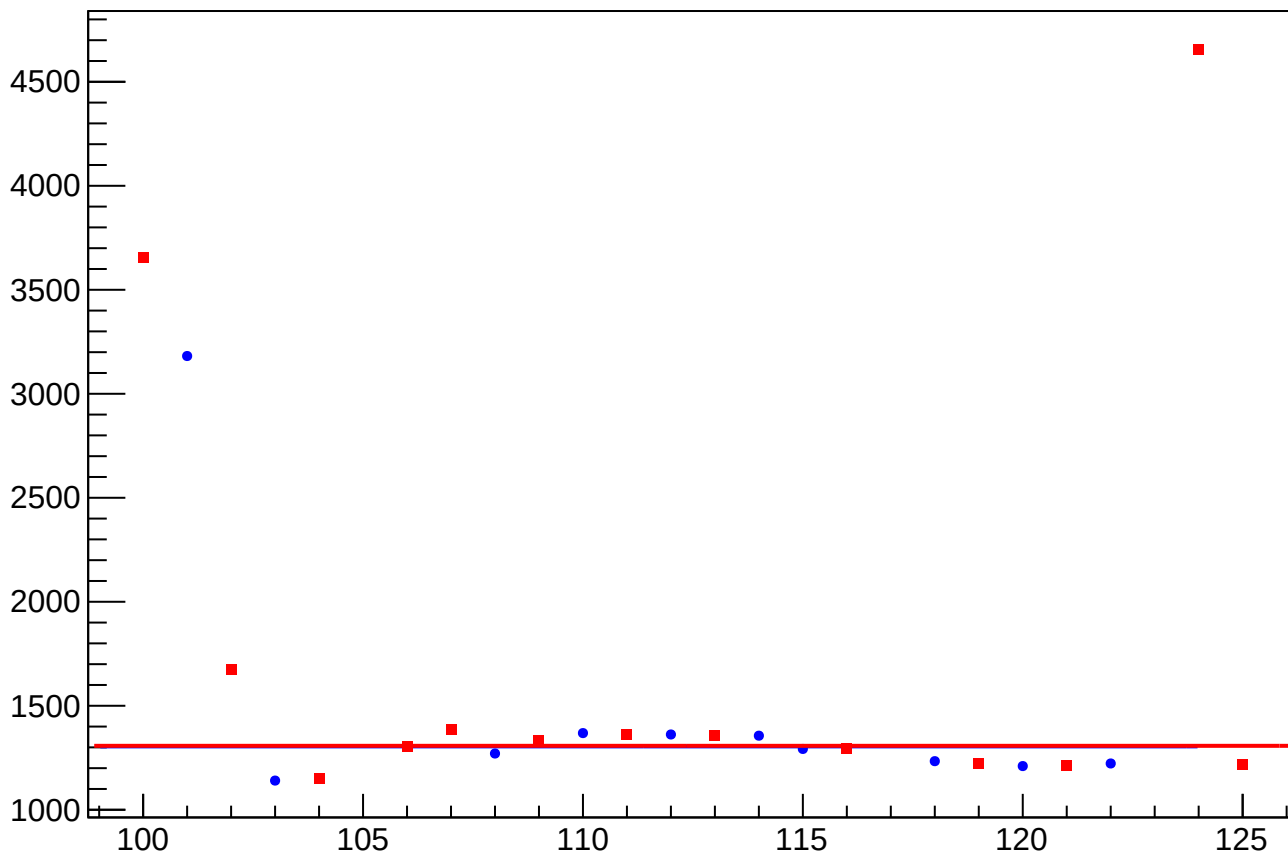
Right: -688.636+/-448.183 χ^2/NDF : 17.3/22

In: -961.931+/-667.575 χ^2/NDF : 3.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -688.636+/-448.183 χ^2/NDF : 17.3/22

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: 1307.419+/-0.428 χ^2/NDF : 306212.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

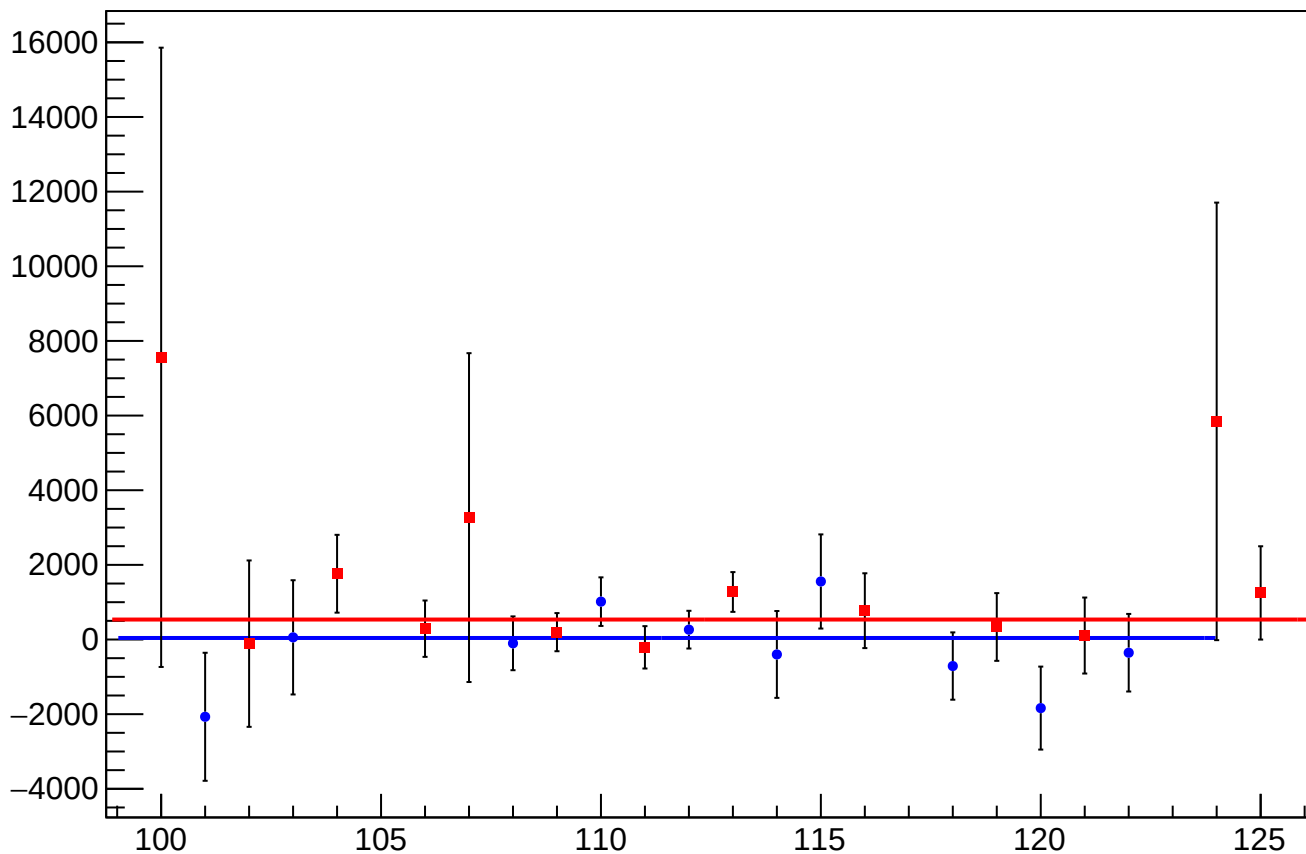
Right: 1306.214+/-0.317 χ^2/NDF : 802652.7/22

In: 1304.744+/-0.472 χ^2/NDF : 496423.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1306.214+/-0.317 χ^2/NDF : 802652.7/22

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: 535.243+/-240.808 χ^2/NDF : 8.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

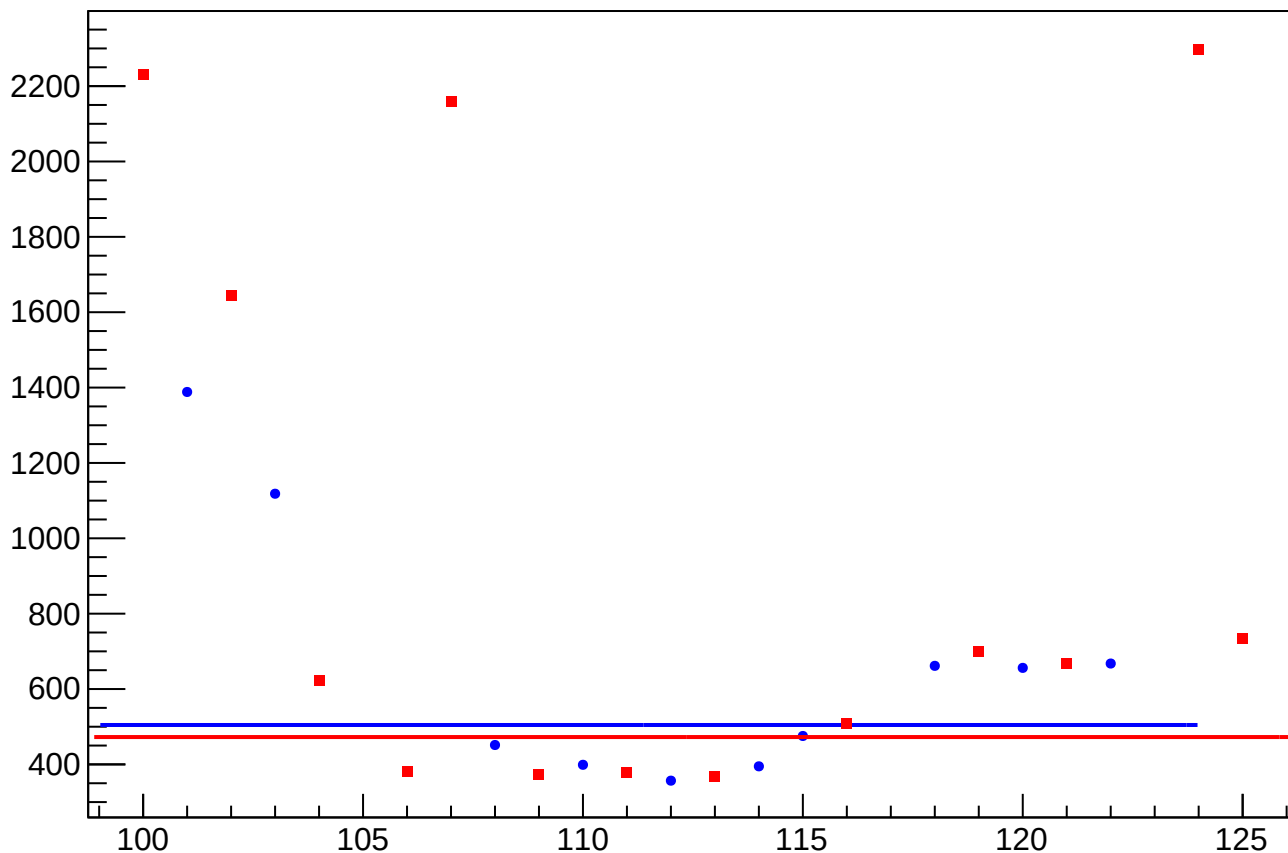
Right: 320.147+/-180.946 χ^2/NDF : 19.3/22

In: 41.200+/-274.231 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 320.147+/-180.946 χ^2/NDF : 19.3/22

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: 472.589+/-0.170 χ^2/NDF : 1698123.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

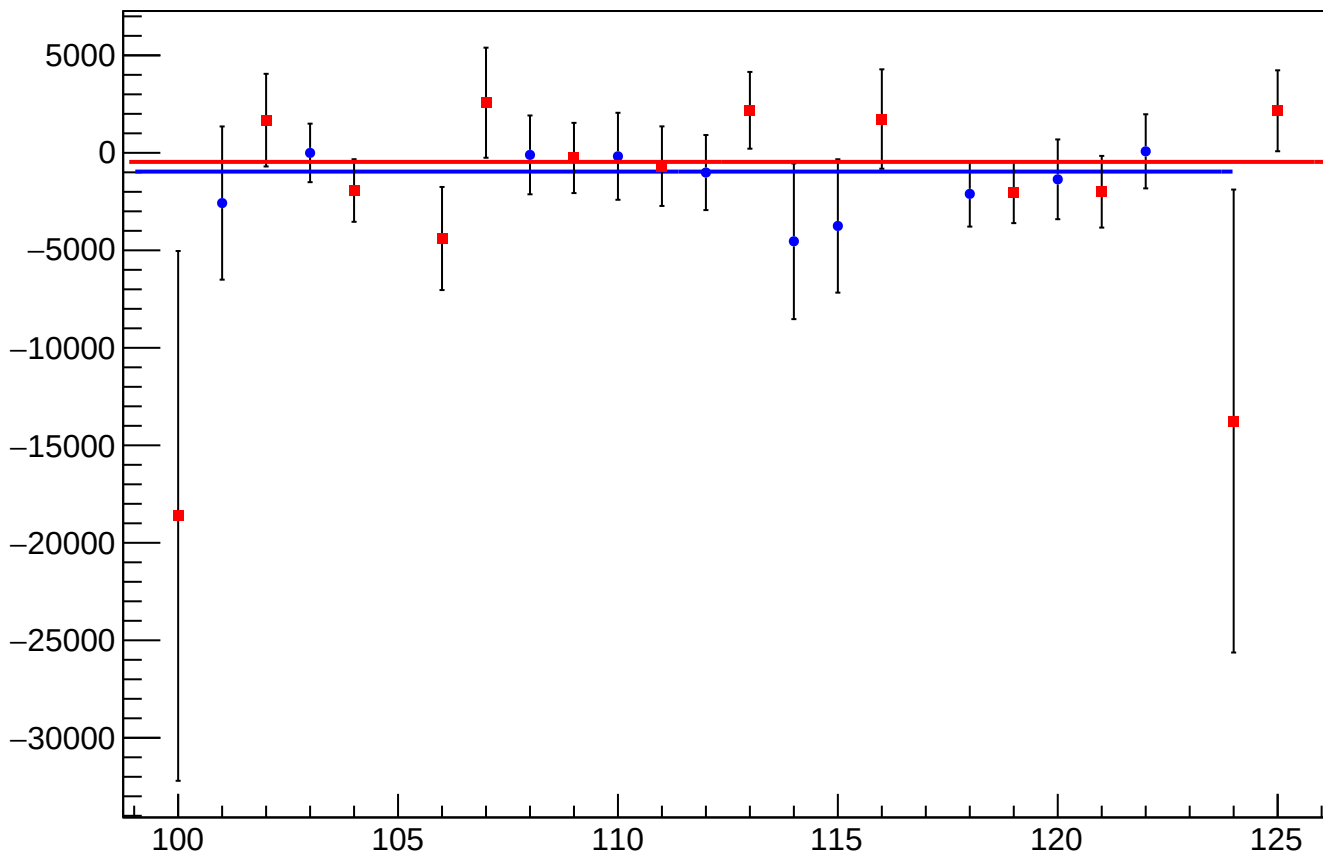
Right: 486.522+/-0.128 χ^2/NDF : 2966548.9/22

In: 504.591+/-0.194 χ^2/NDF :1253047.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 486.522+/-0.128 χ^2/NDF : 2966548.9/22

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: -464.376+/-604.728 χ^2/NDF : 13.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

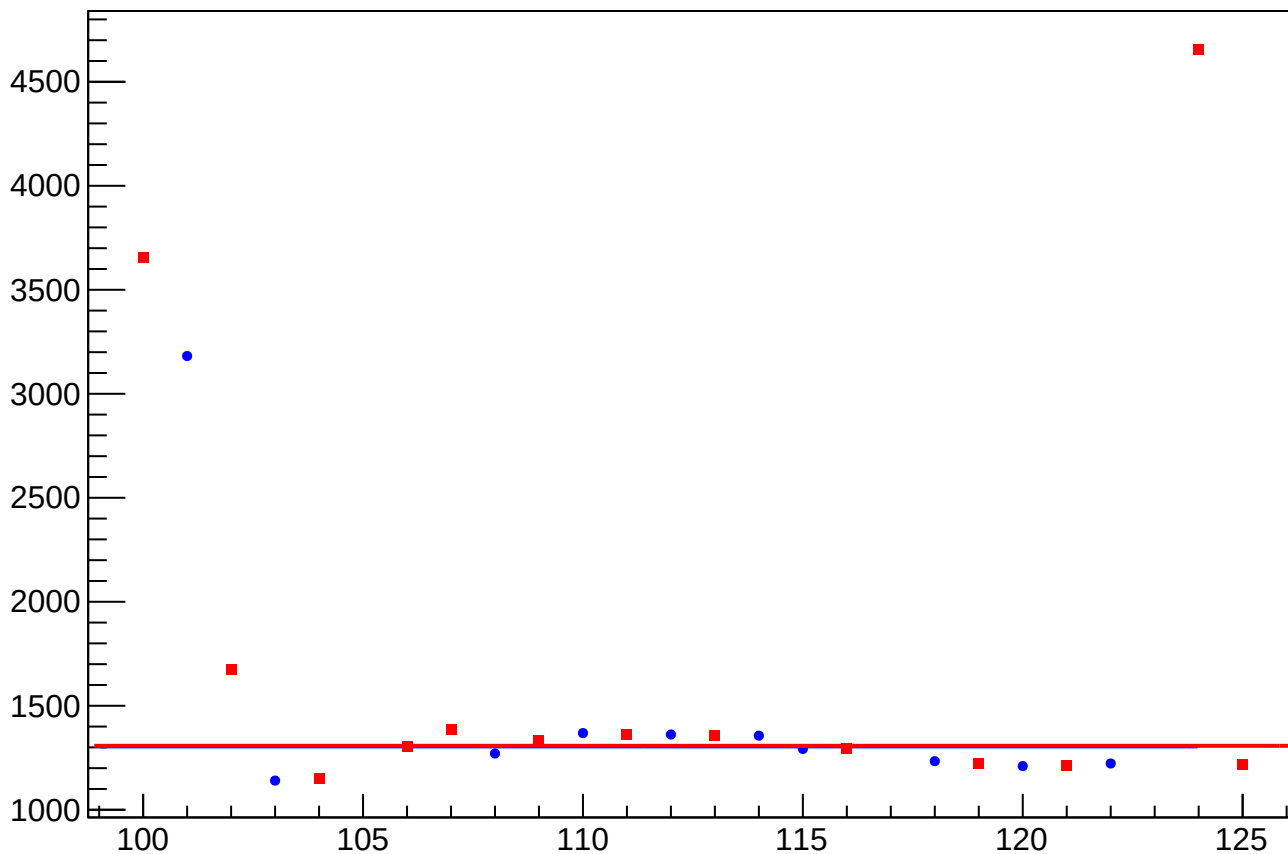
Right: -688.636+/-448.183 χ^2/NDF : 17.3/22

In: -961.931+/-667.575 χ^2/NDF : 3.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -688.636+/-448.183 χ^2/NDF : 17.3/22

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: 1307.419+/-0.428 χ^2/NDF : 306212.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

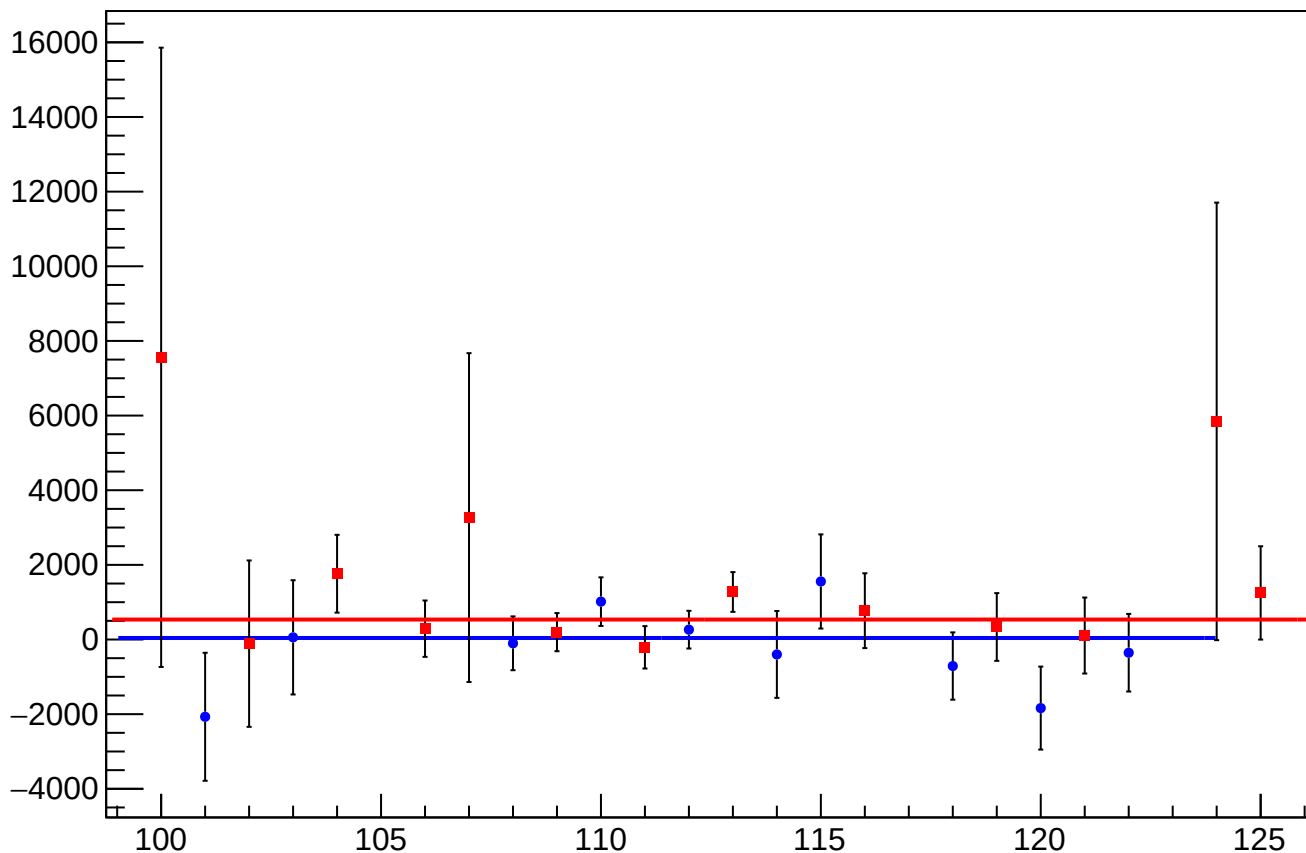
Right: 1306.214+/-0.317 χ^2/NDF : 802652.7/22

In: 1304.744+/-0.472 χ^2/NDF : 496423.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1306.214+/-0.317 χ^2/NDF : 802652.7/22

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: 535.243+/-240.808 χ^2/NDF : 8.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

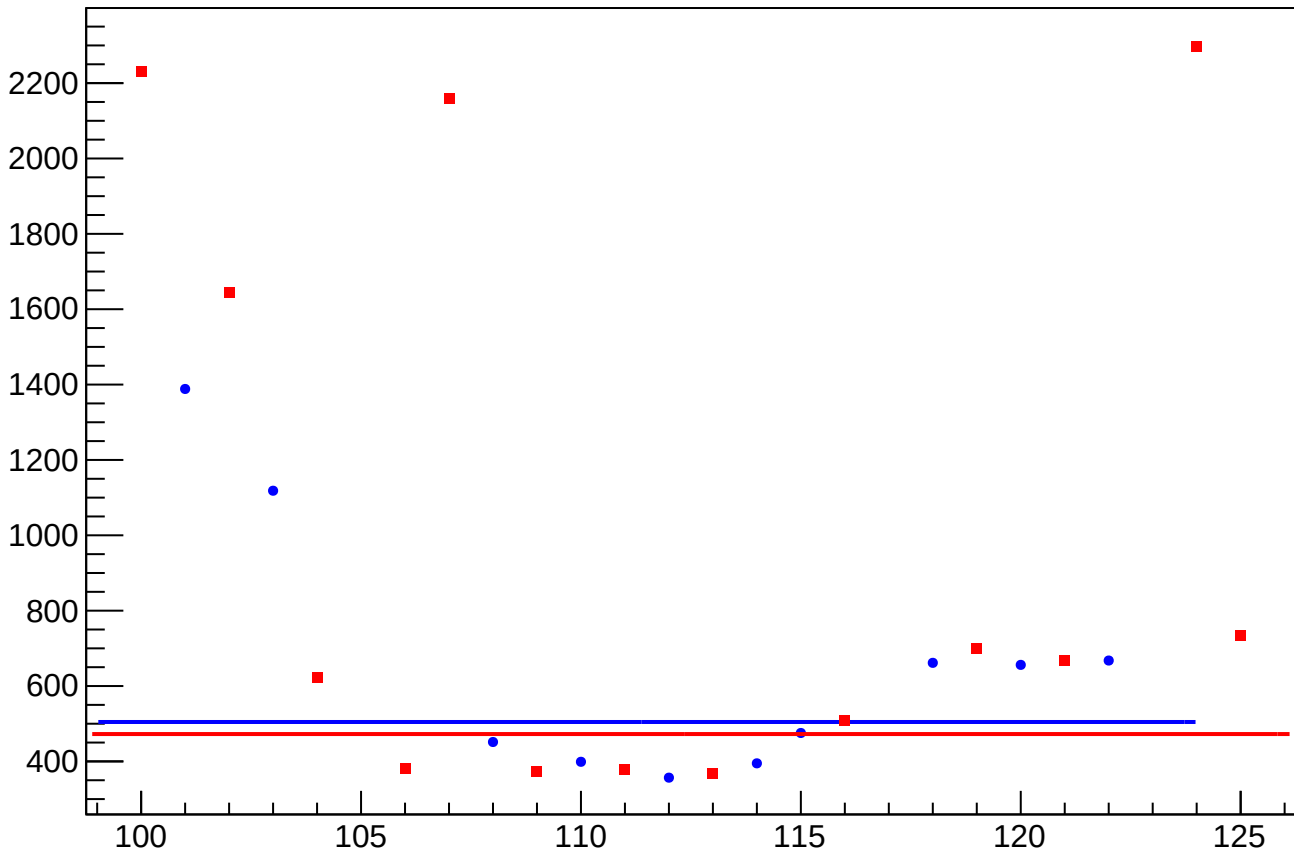
Right: 320.147+/-180.946 χ^2/NDF : 19.3/22

In: 41.200+/-274.231 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 320.147+/-180.946 χ^2/NDF : 19.3/22

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: 472.589+/-0.170 χ^2/NDF : 1698123.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

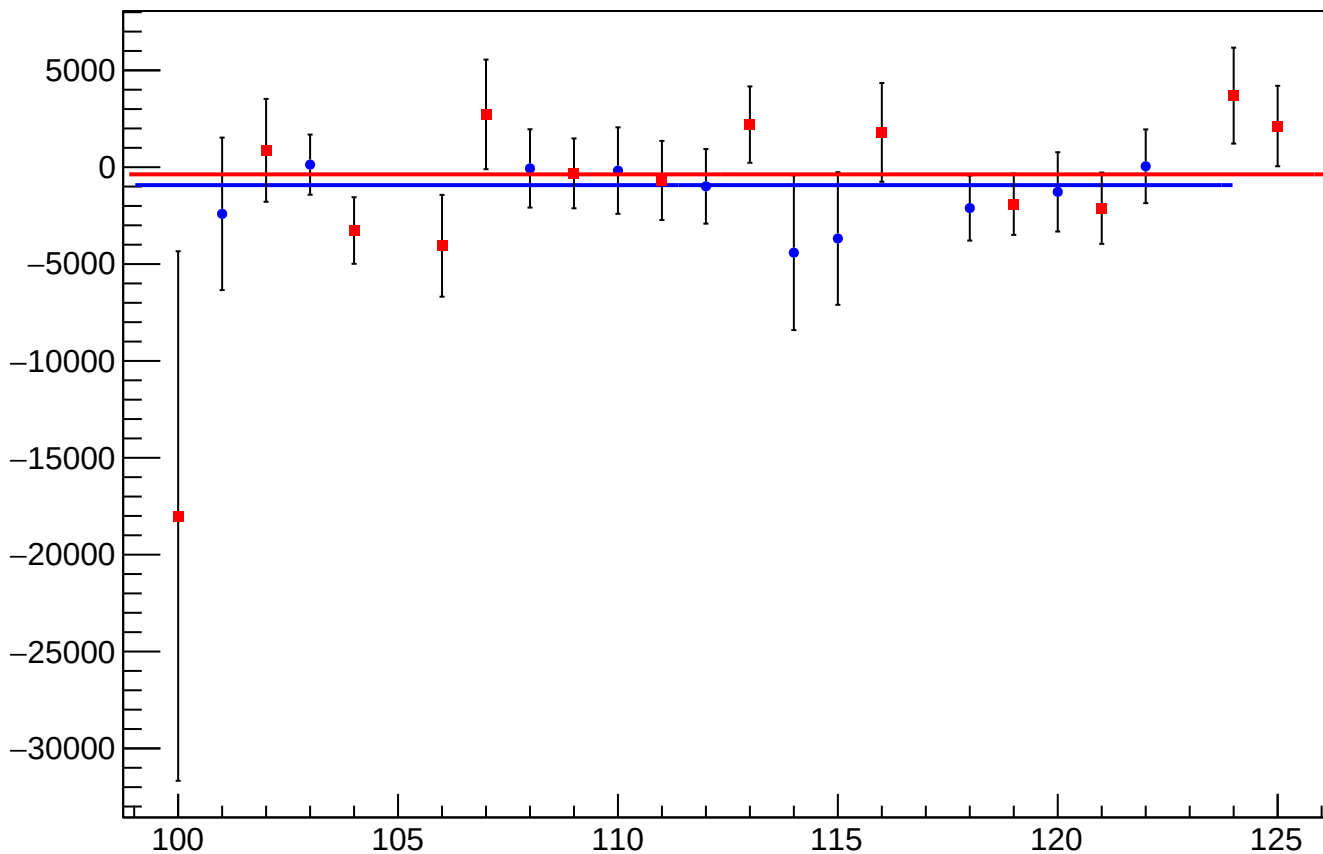
Right: 486.522+/-0.128 χ^2/NDF : 2966548.9/22

In: 504.591+/-0.194 χ^2/NDF : 1253047.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 486.522+/-0.128 χ^2/NDF : 2966548.9/22

dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -925.602 $\pm$ 672.419 χ^2/NDF : 3.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -369.465 $\pm$ 597.204 χ^2/NDF : 16.3/12

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

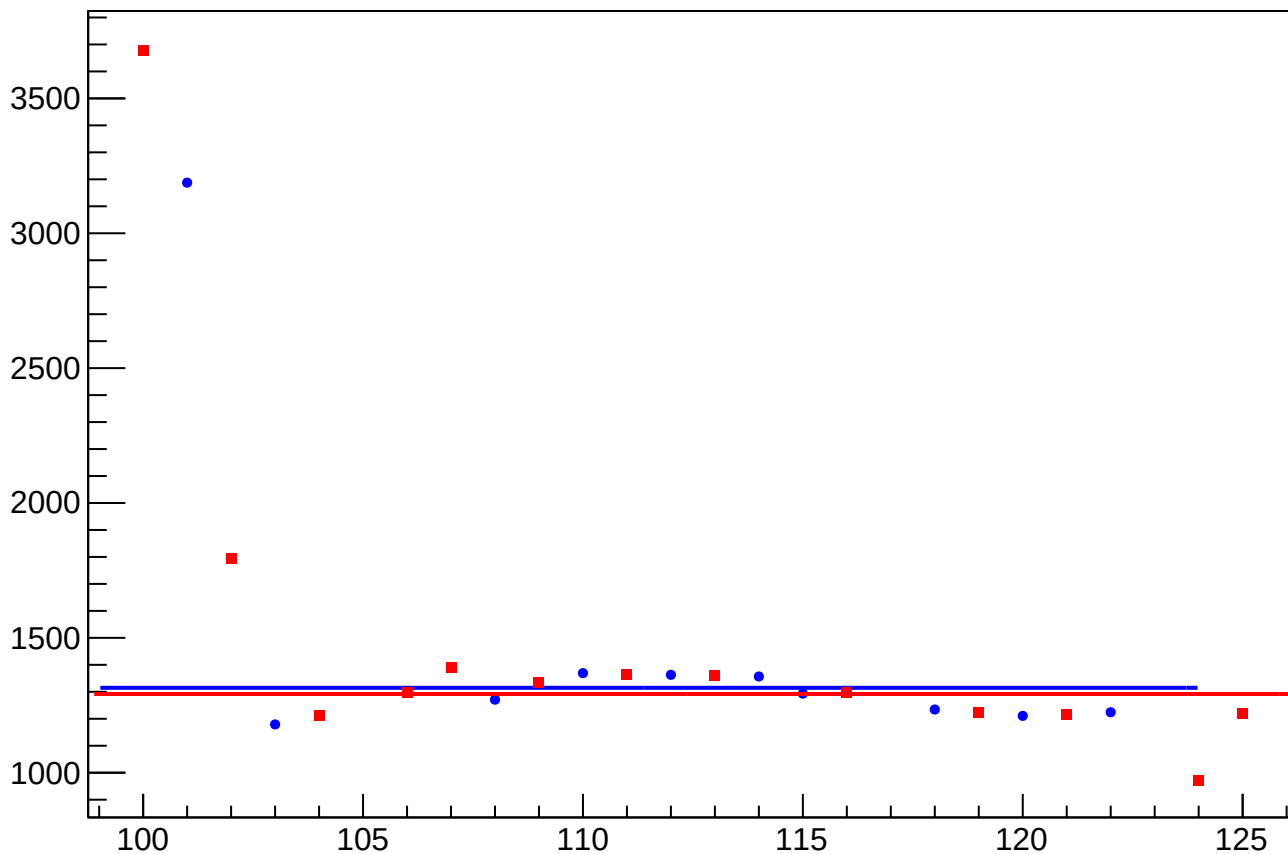
Right: -614.702 $\pm$ 446.521 χ^2/NDF : 19.8/22

In: -925.602 $\pm$ 672.419 χ^2/NDF : 3.1/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -614.702 $\pm$ 446.521 χ^2/NDF : 19.8/22

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: 1291.843+/-0.422 χ^2/NDF : 188287.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

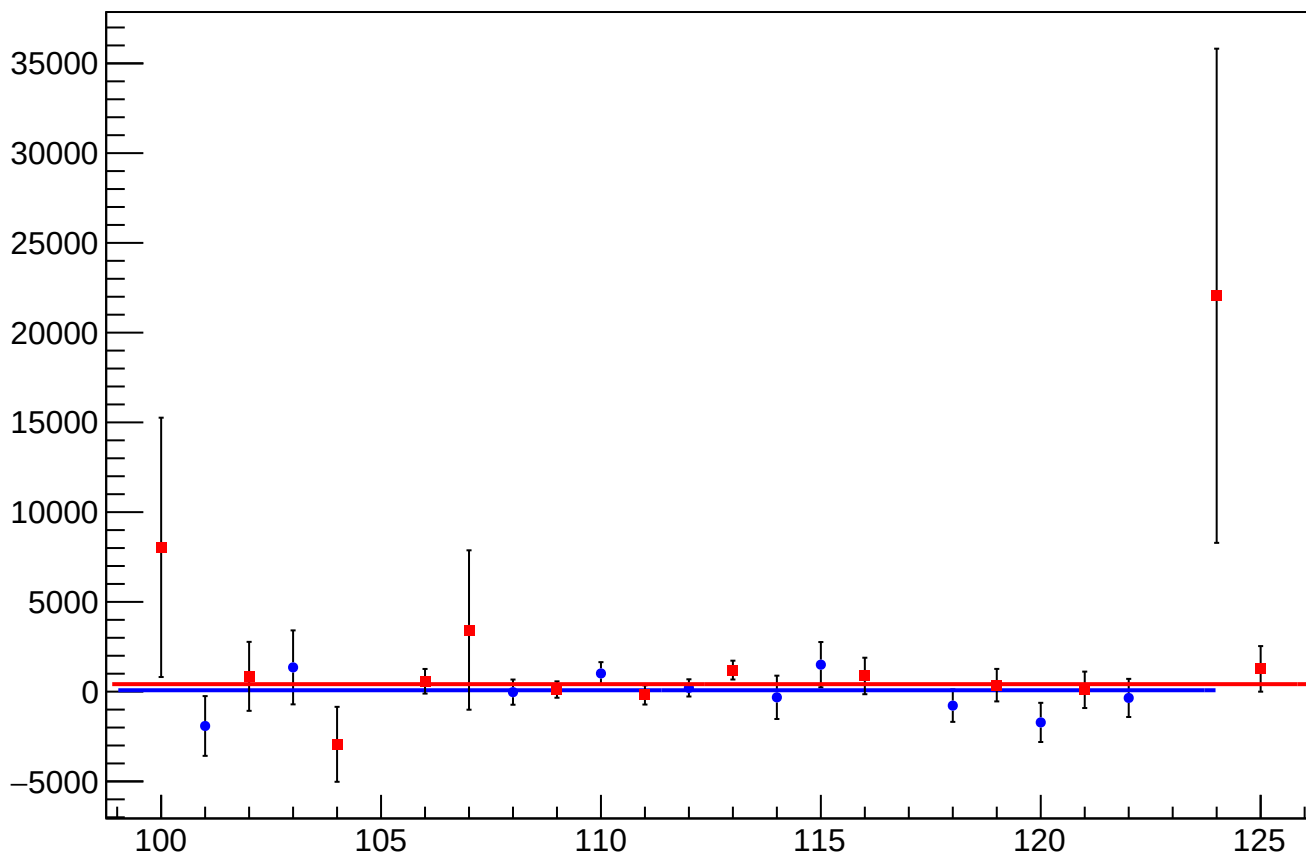
Right: 1301.991+/-0.316 χ^2/NDF : 675639.2/22

In: 1314.856+/-0.475 χ^2/NDF : 486041.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1301.991+/-0.316 χ^2/NDF : 675639.2/22

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: 417.119+/-232.995 χ^2/NDF : 11.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

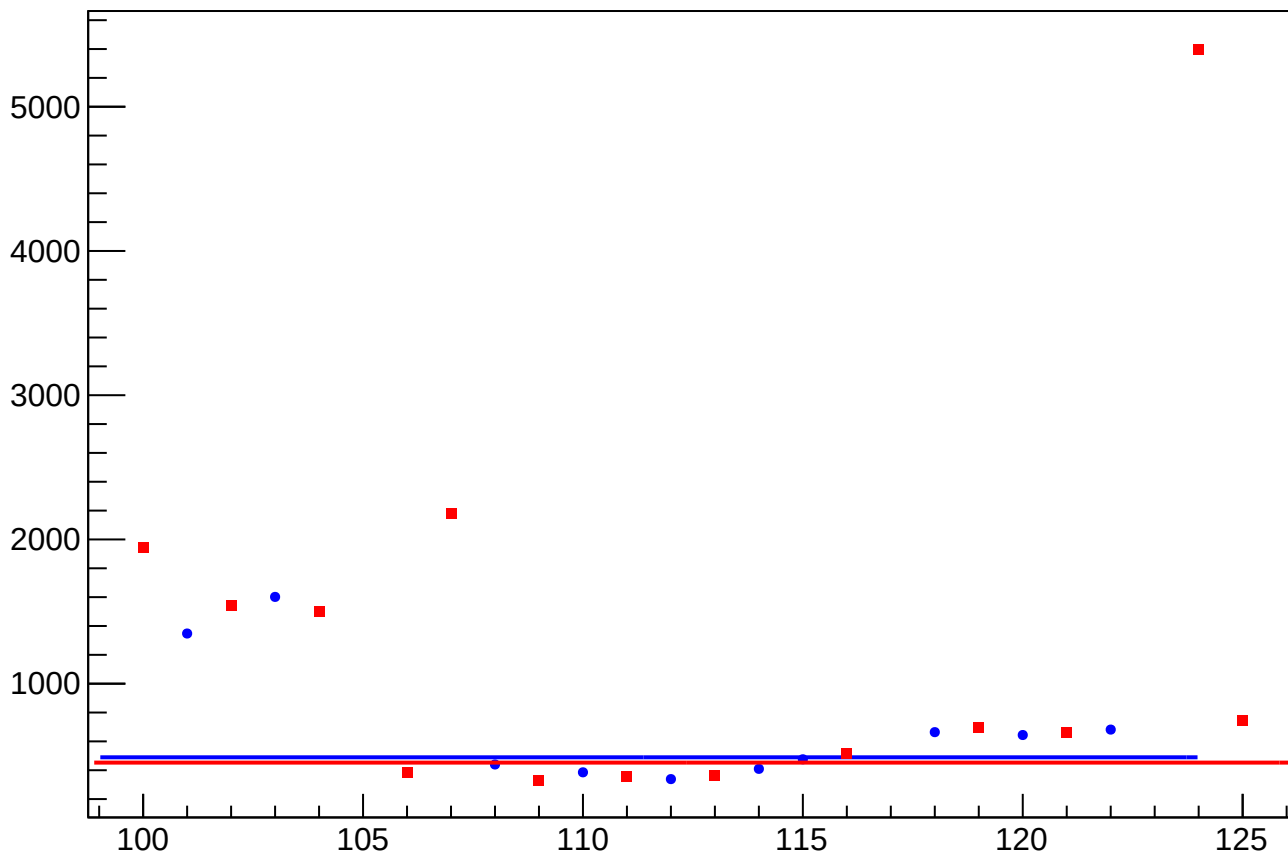
Right: 271.951+/-176.277 χ^2/NDF : 21.6/22

In: 77.627+/-269.572 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 271.951+/-176.277 χ^2/NDF : 21.6/22

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: 452.829+/-0.165 χ^2/NDF : 2435935.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

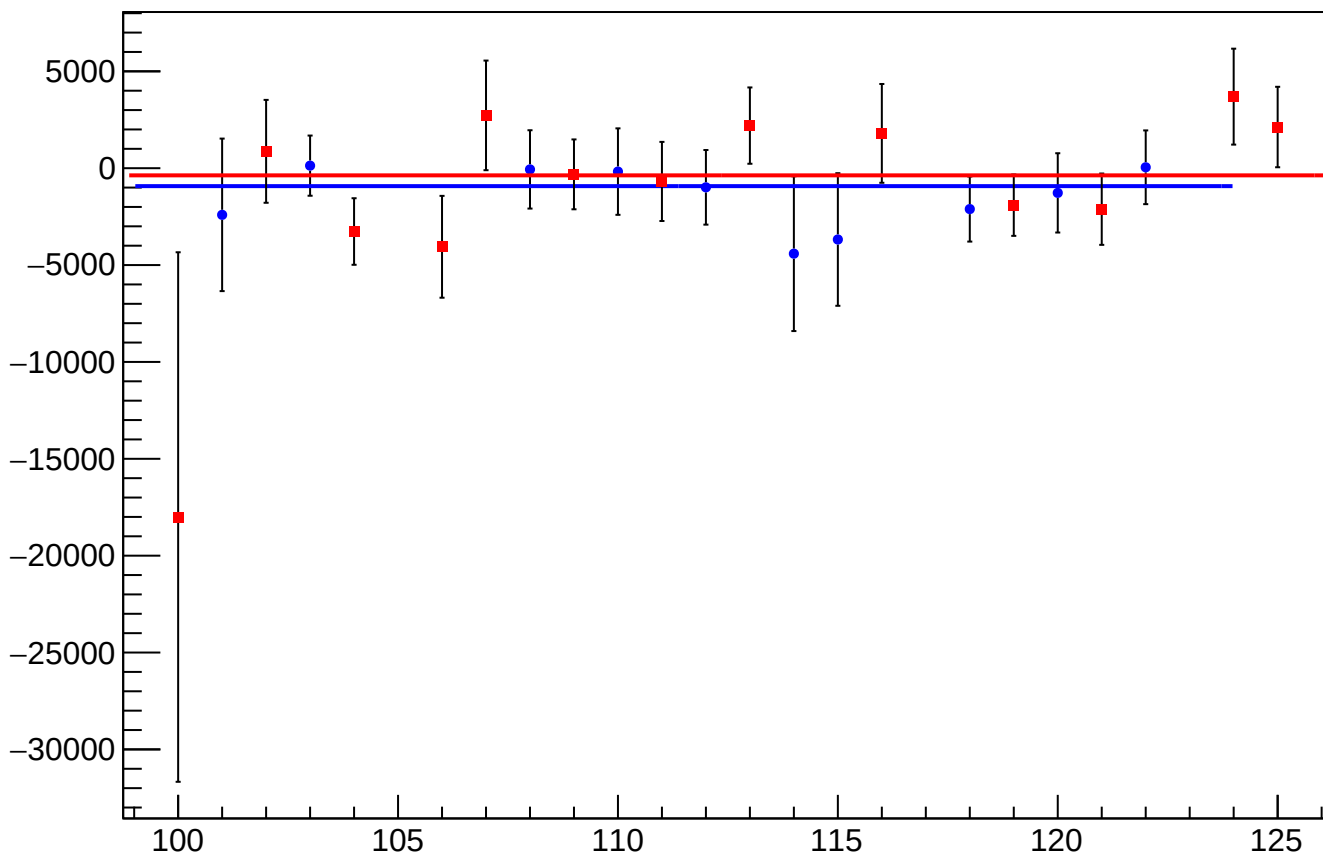
Right: 468.551+/-0.125 χ^2/NDF : 4023588.4/22

In: 489.597+/-0.191 χ^2/NDF : 1566355.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 468.551+/-0.125 χ^2/NDF : 4023588.4/22

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: -369.464+/-597.204 χ^2/NDF : 16.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

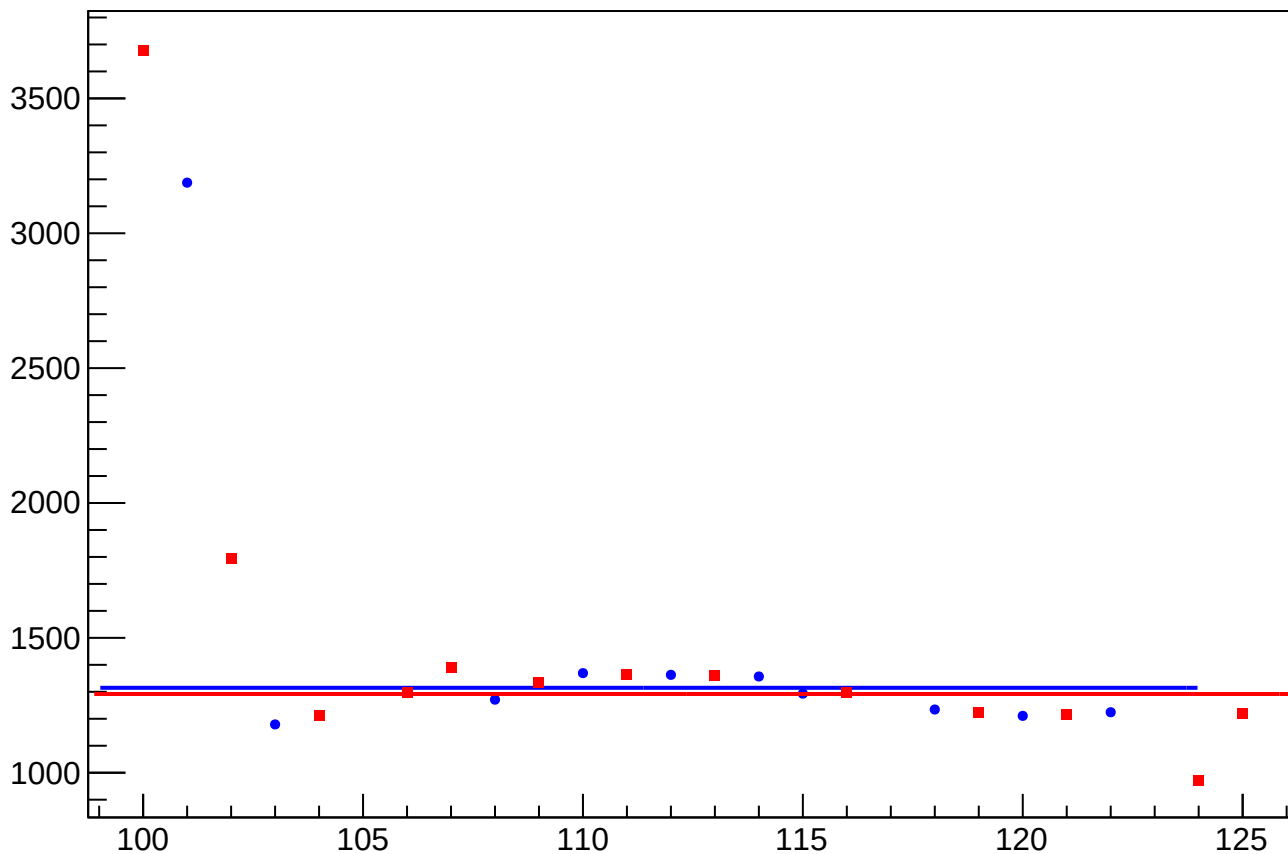
Right: -614.701+/-446.521 χ^2/NDF : 19.8/22

In: -925.600+/-672.419 χ^2/NDF : 3.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -614.701+/-446.521 χ^2/NDF : 19.8/22

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: 1291.843+/-0.422 χ^2/NDF : 188288.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

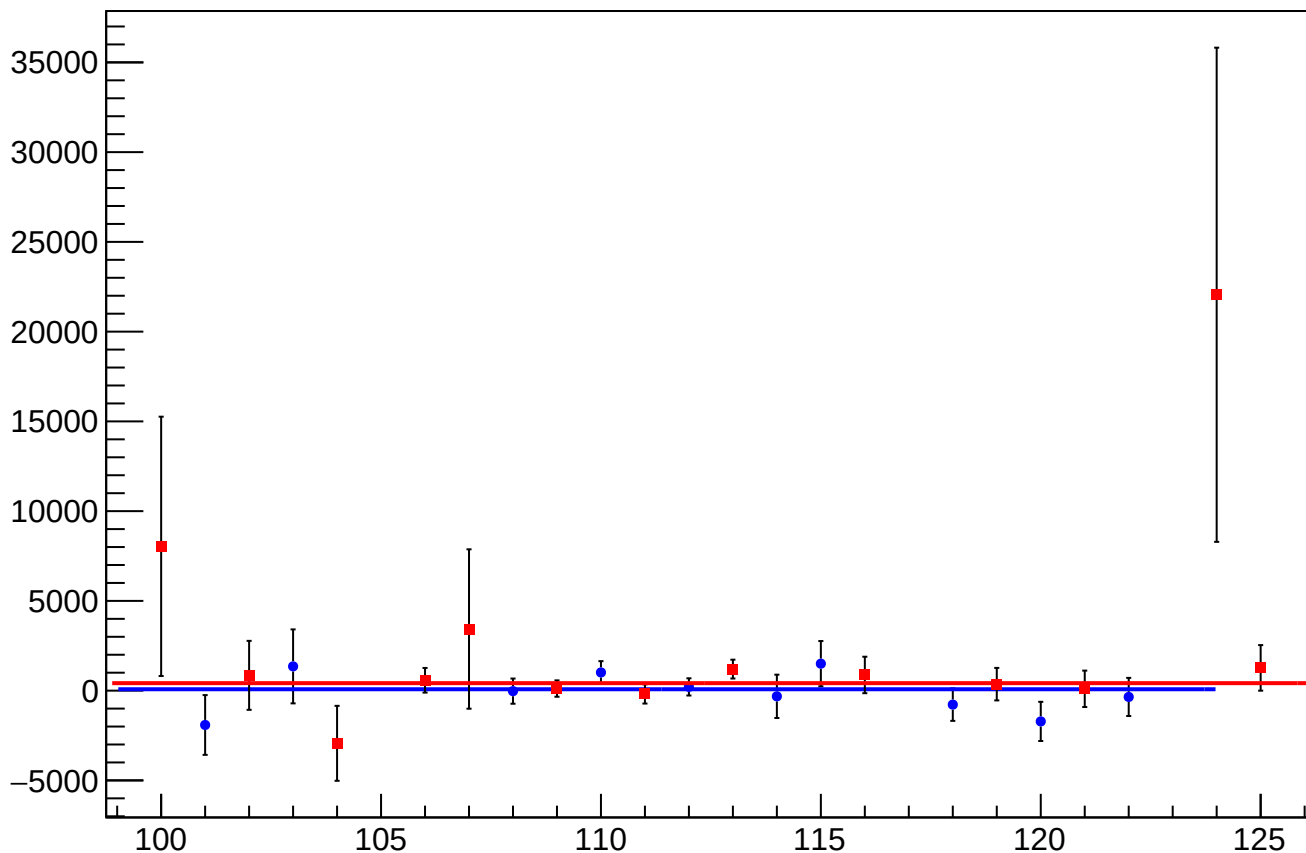
Right: 1301.991+/-0.316 χ^2/NDF : 675639.4/22

In: 1314.856+/-0.475 χ^2/NDF : 486041.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1301.991+/-0.316 χ^2/NDF : 675639.4/22

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: 417.118+/-232.994 χ^2/NDF : 11.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

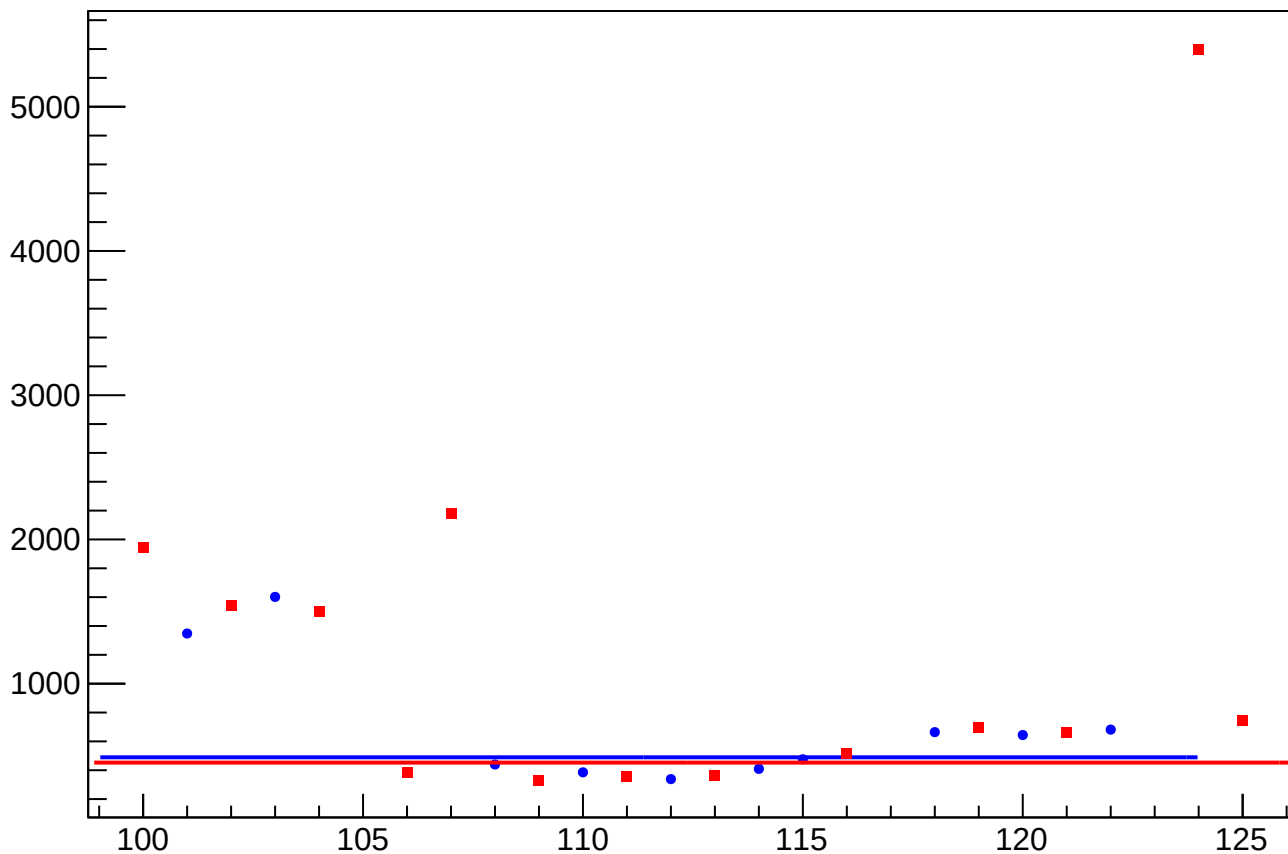
Right: 271.950+/-176.276 χ^2/NDF : 21.6/22

In: 77.627+/-269.570 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 271.950+/-176.276 χ^2/NDF : 21.6/22

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: 452.827+/-0.165 χ^2/NDF : 2435943.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

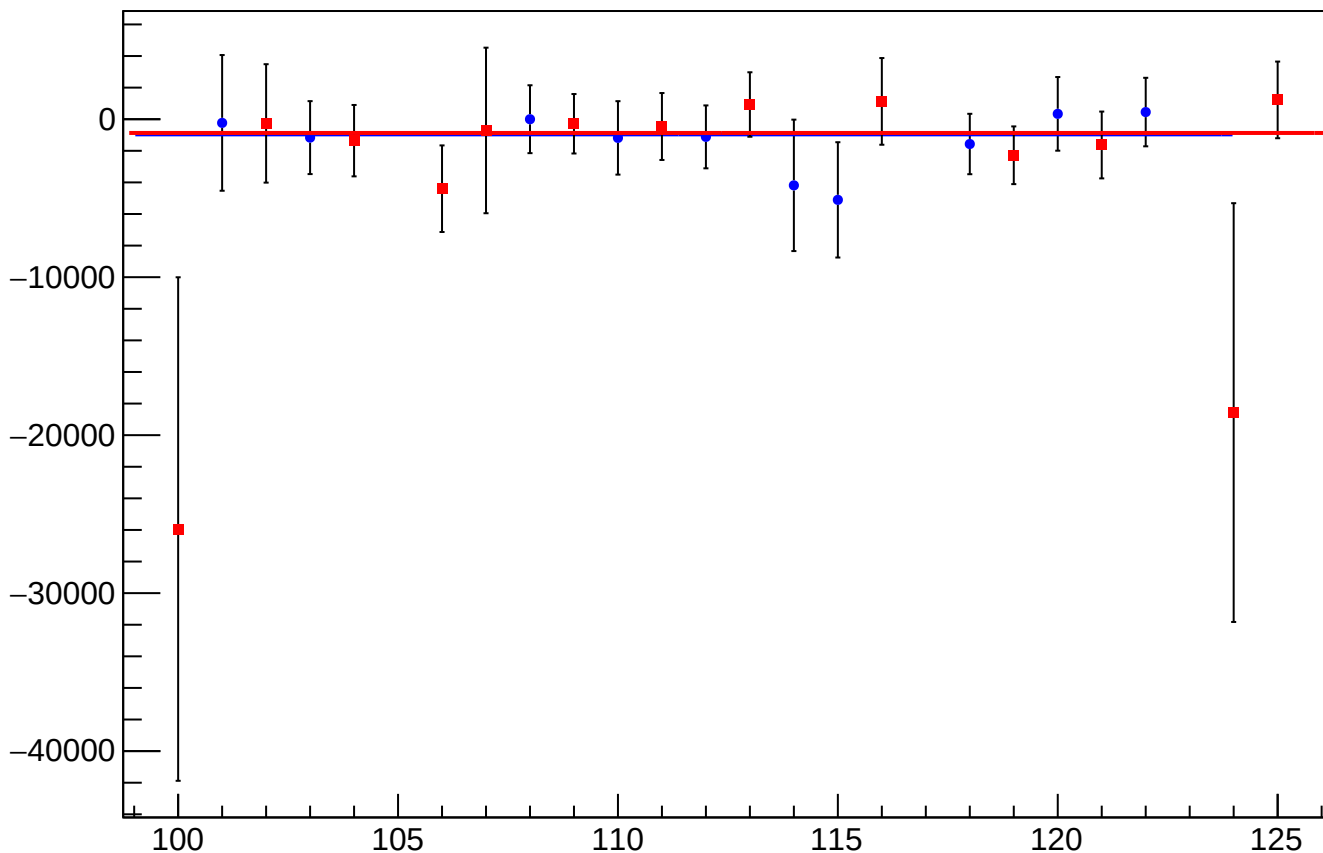
Right: 468.549+/-0.125 χ^2/NDF : 4023600.7/22

In: 489.595+/-0.191 χ^2/NDF :1566360.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 468.549+/-0.125 χ^2/NDF : 4023600.7/22

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: -870.154+/-704.032 χ^2/NDF : 8.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

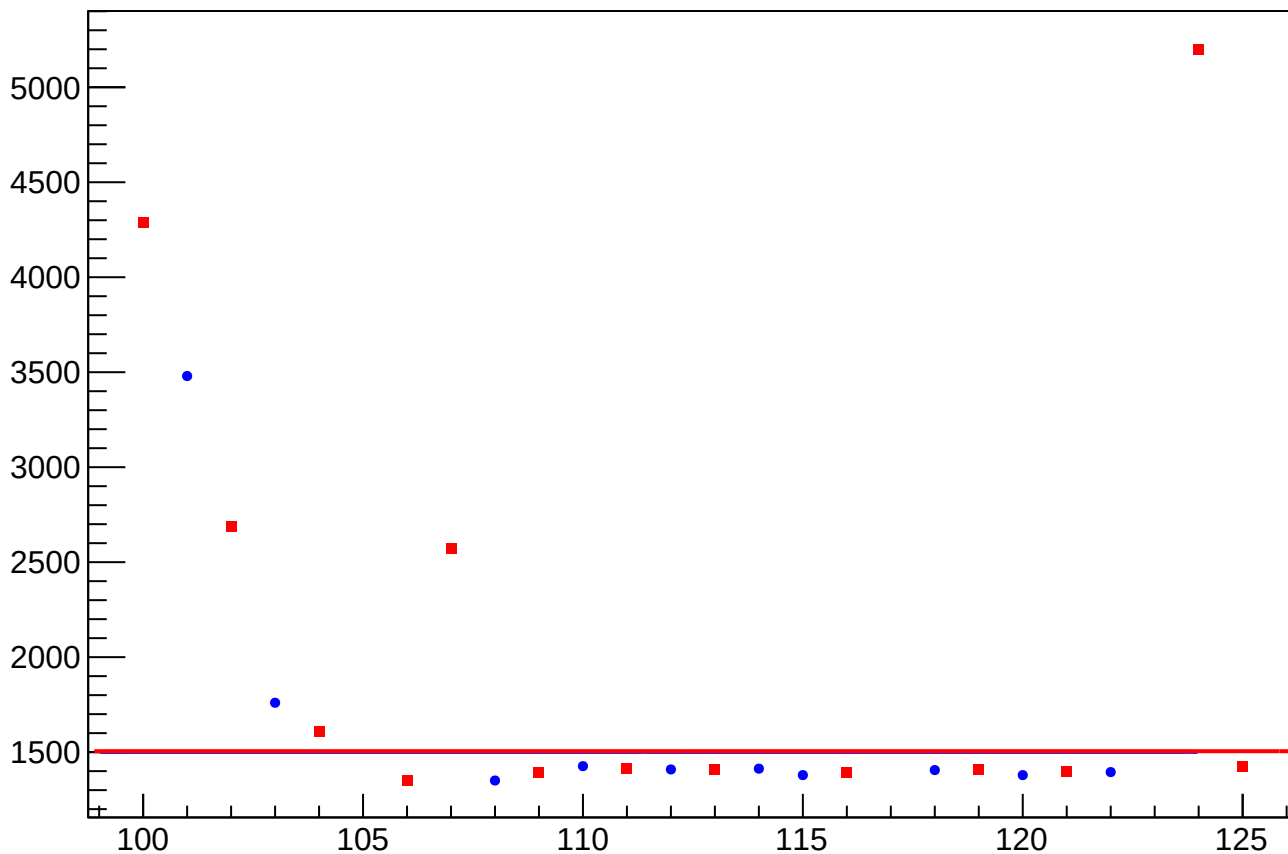
Right: -910.451+/-518.735 χ^2/NDF : 11.9/22

In: -958.309+/-767.241 χ^2/NDF :3.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -910.451+/-518.735 χ^2/NDF : 11.9/22

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: 1504.895+/-0.498 χ^2/NDF : 539624.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

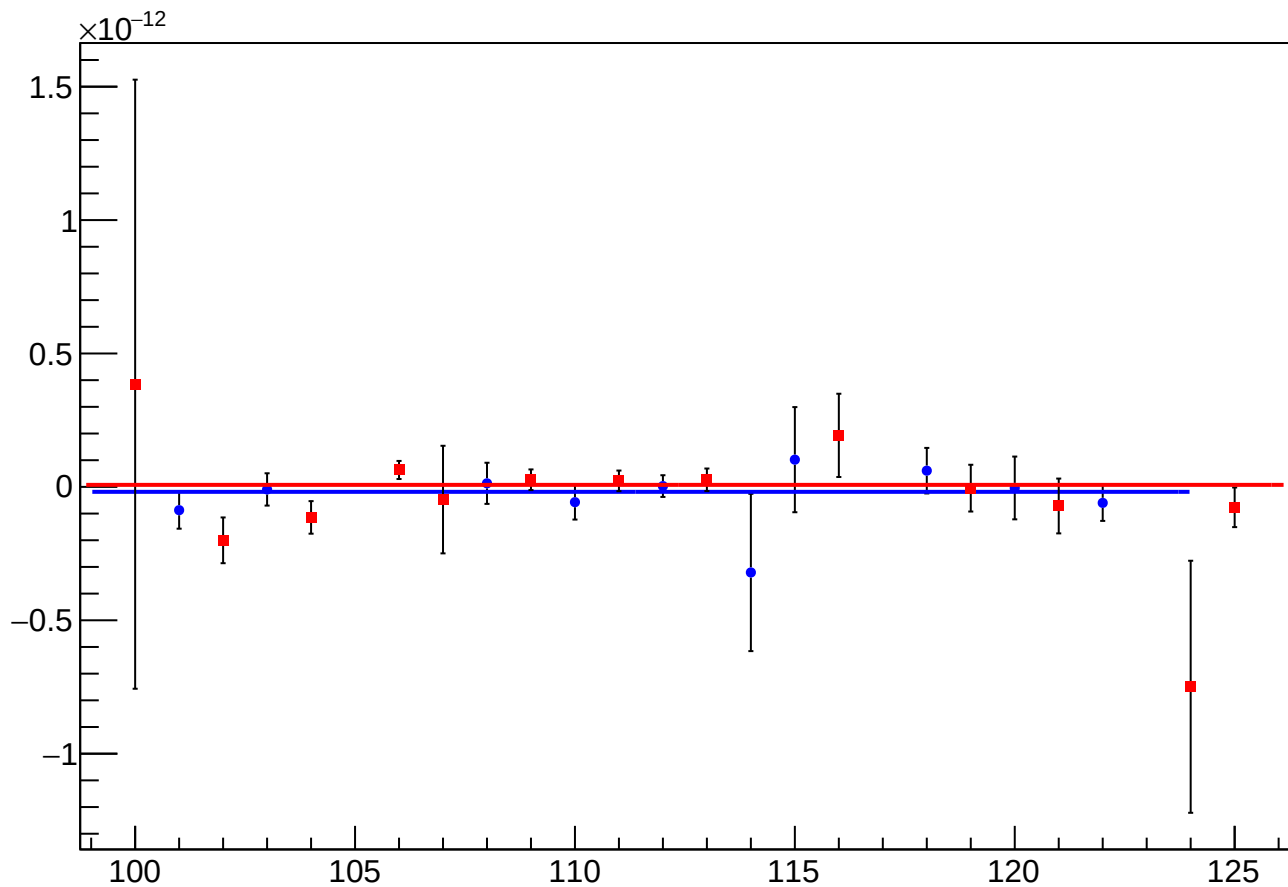
Right: 1503.356+/-0.367 χ^2/NDF : 1023756.7/22

In: 1501.528+/-0.543 χ^2/NDF : 484111.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1503.356+/-0.367 χ^2/NDF : 1023756.7/22

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 : 19.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

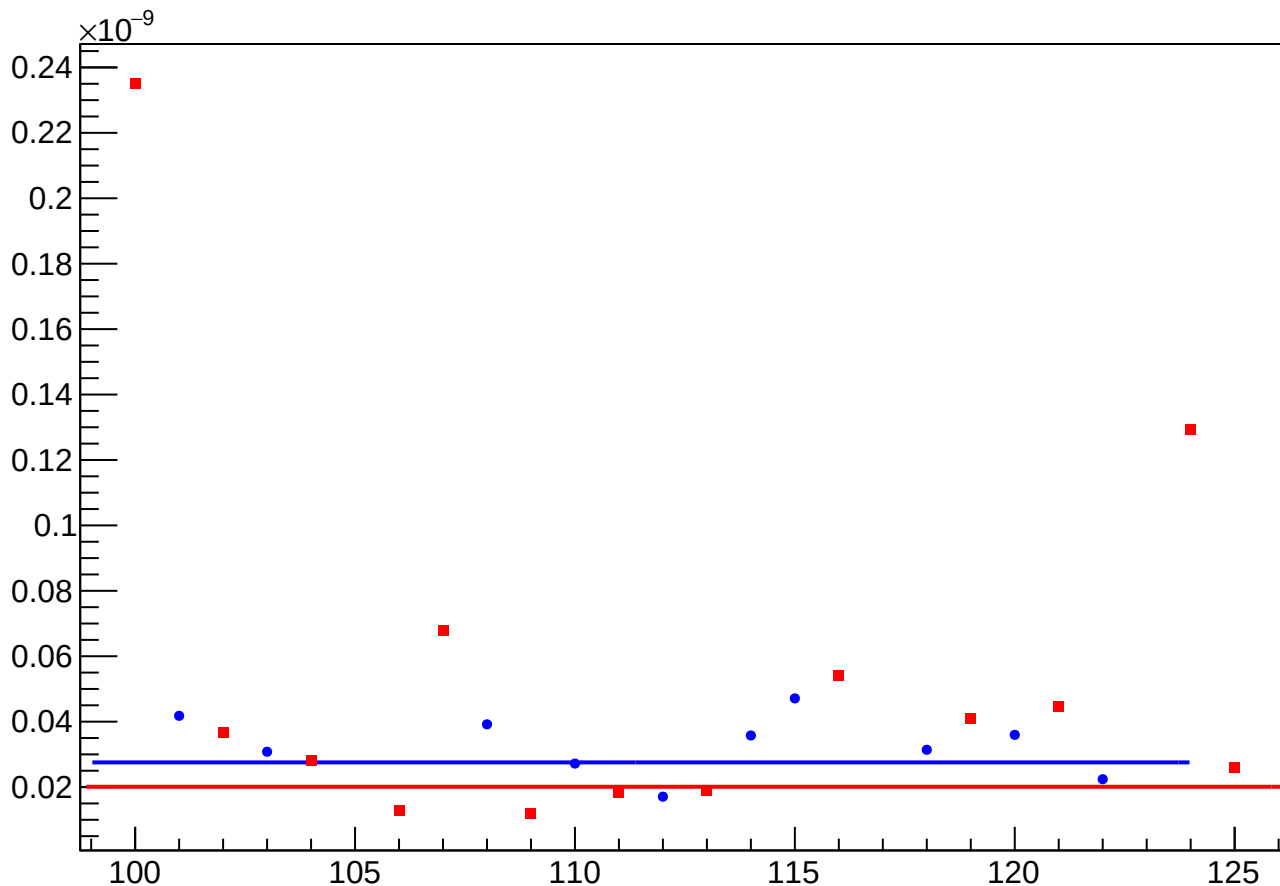
Right: -0.000+/-0.000 χ^2/NDF : 24.6/22

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 : 24.6/22

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 : 924877.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

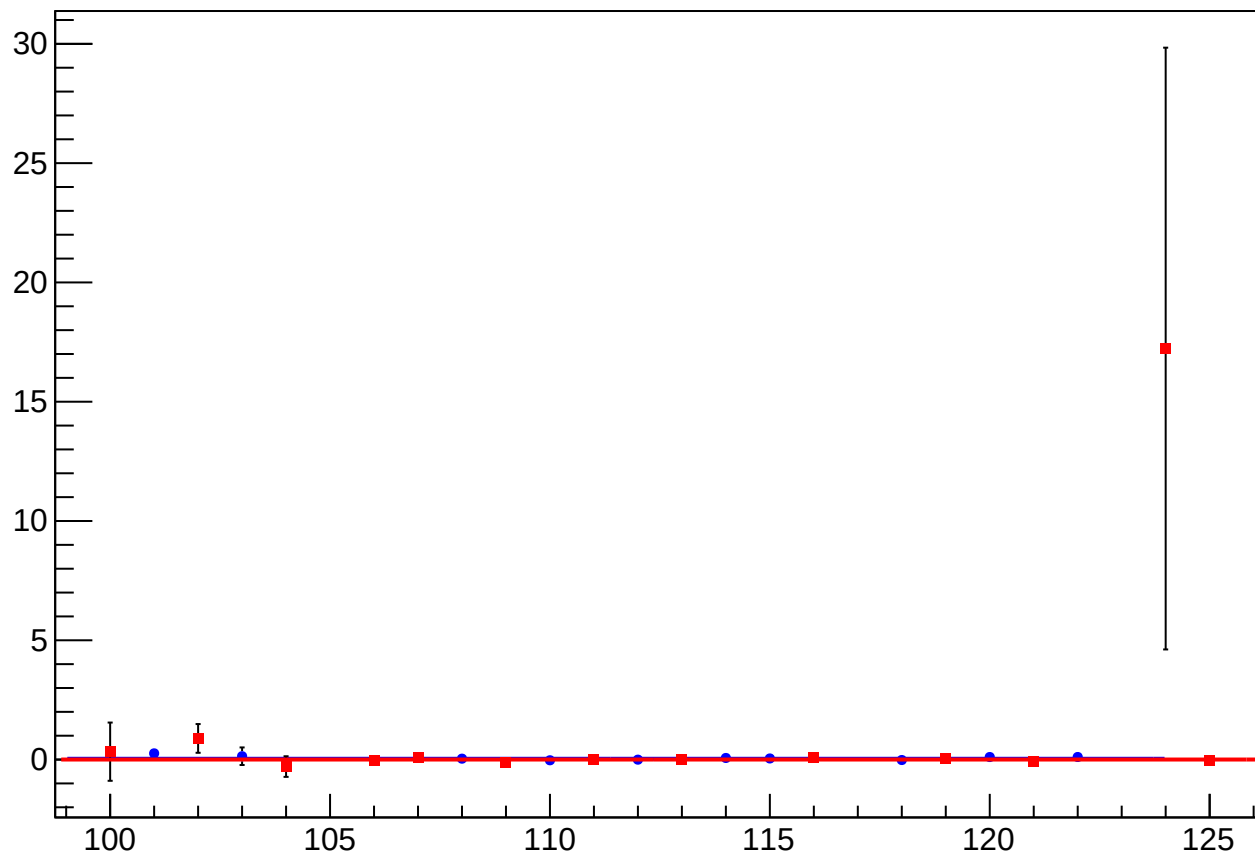
Right: 0.000+/-0.000 χ^2/NDF : 1381046.5/22

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 : 1381046.5/22

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: 0.002+/-0.021 χ^2/NDF : 13.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

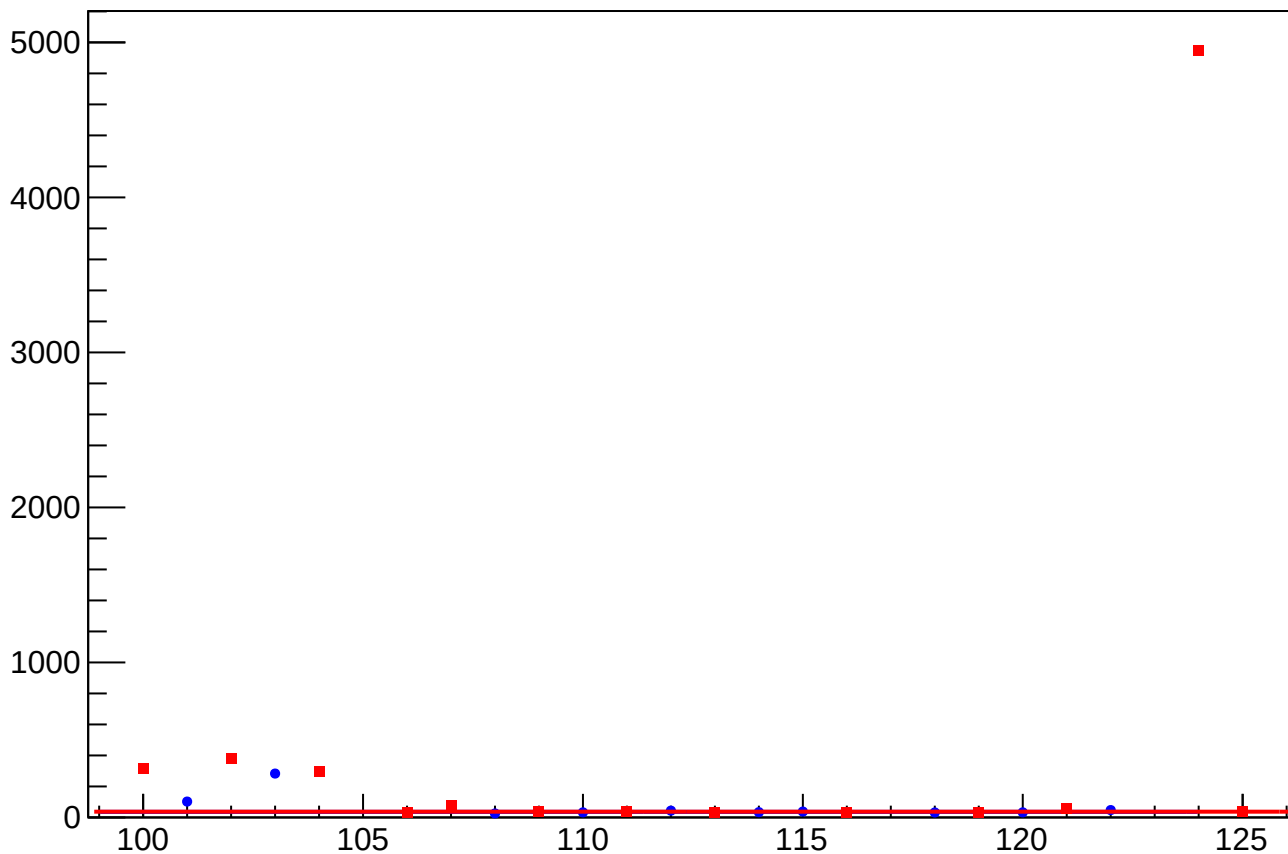
Right: 0.017+/-0.015 χ^2/NDF : 22.4/22

In: 0.033+/-0.021 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.015 χ^2/NDF : 22.4/22

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: 37.271+/-0.015 χ^2/NDF : 2060908.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

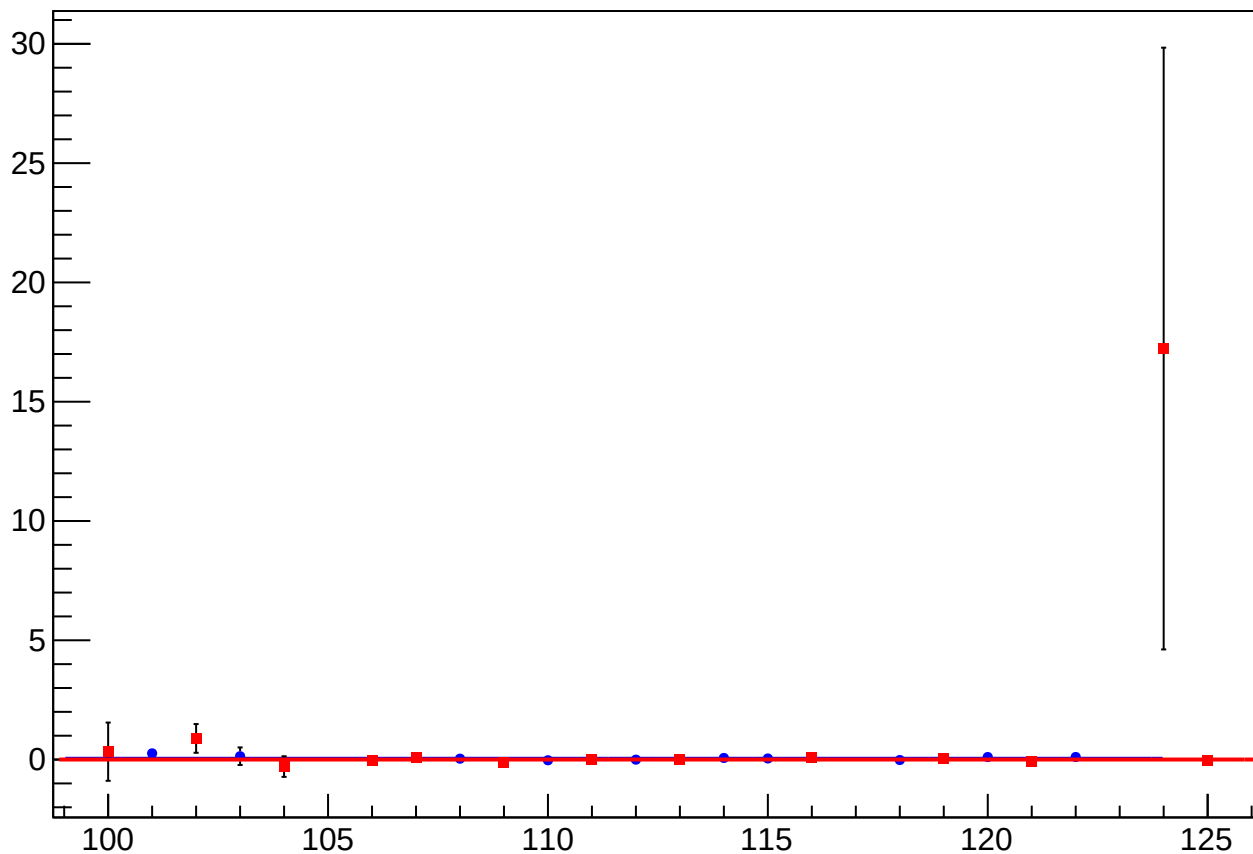
Right: 36.639+/-0.010 χ^2/NDF : 3653566.9/22

In: 35.988+/-0.015 χ^2/NDF : 1588857.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.639+/-0.010 χ^2/NDF : 3653566.9/22

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: 0.002+/-0.021 χ^2/NDF : 13.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

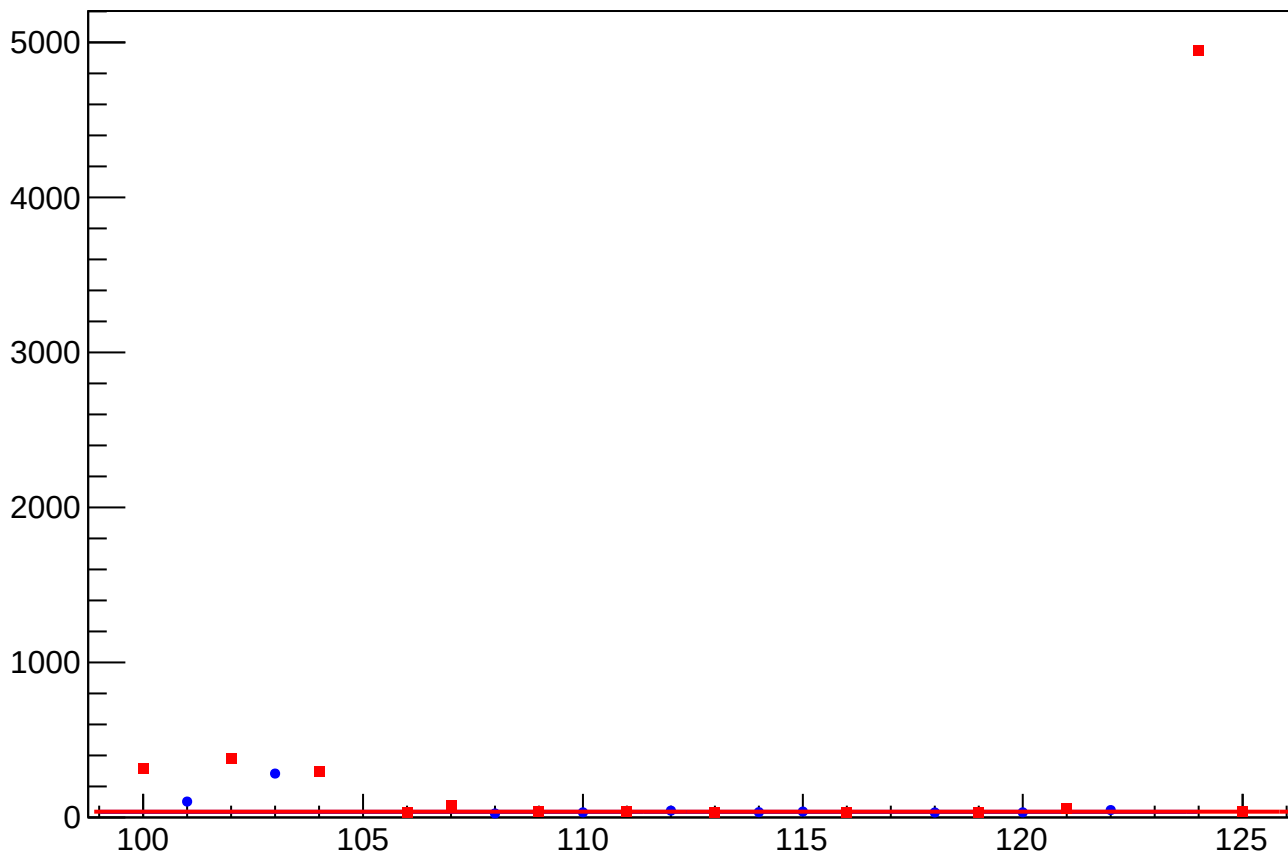
Right: 0.017+/-0.015 χ^2/NDF : 22.4/22

In: 0.033+/-0.021 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.015 χ^2/NDF : 22.4/22

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.988 $\pm$ 0.015 χ^2 /NDF: 1588857.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 37.271 $\pm$ 0.015 χ^2 /NDF: 2060908.5/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

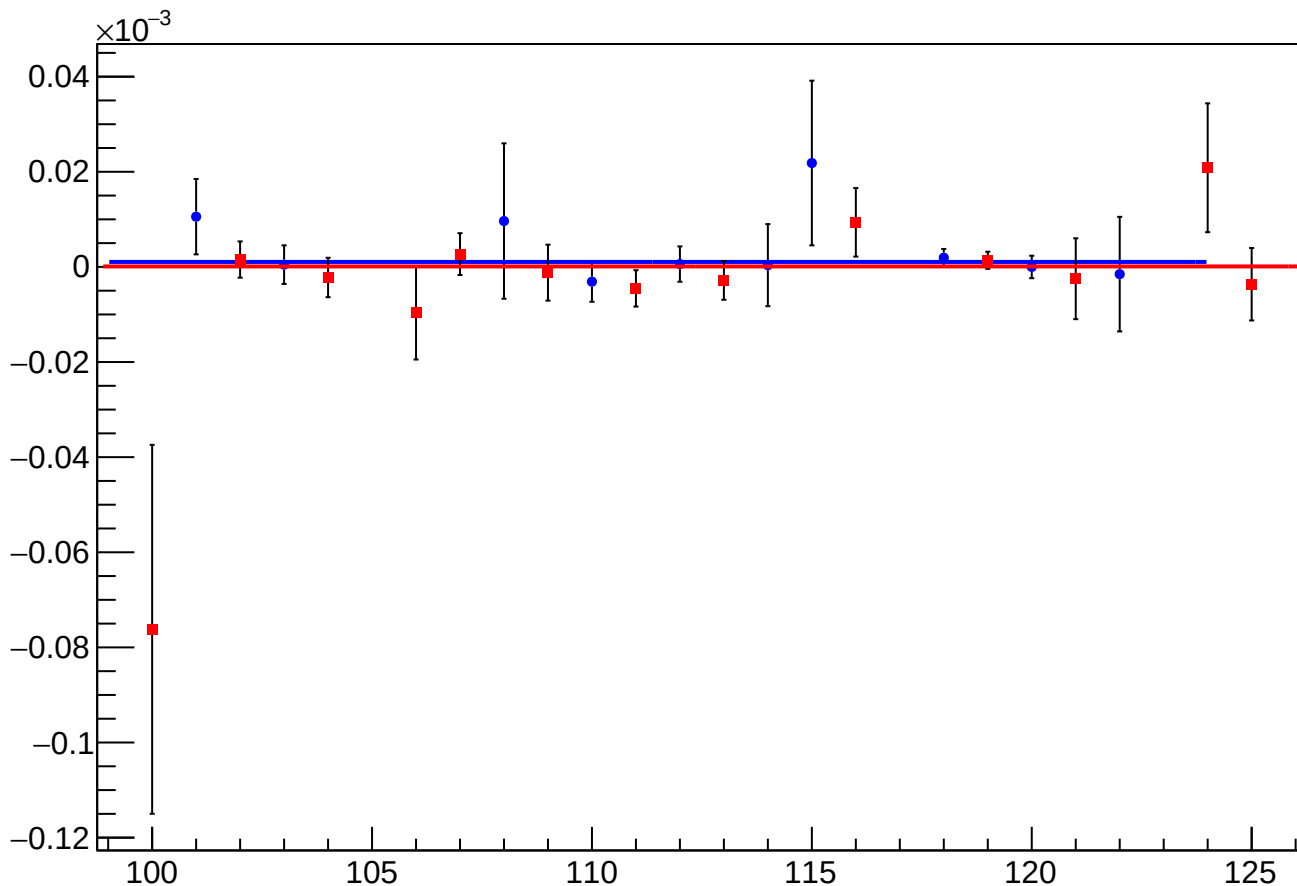
Right: 36.639 $\pm$ 0.010 χ^2 /NDF: 3653566.9/22

In: 35.988 $\pm$ 0.015 χ^2 /NDF: 1588857.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.639 $\pm$ 0.010 χ^2 /NDF: 3653566.9/22

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

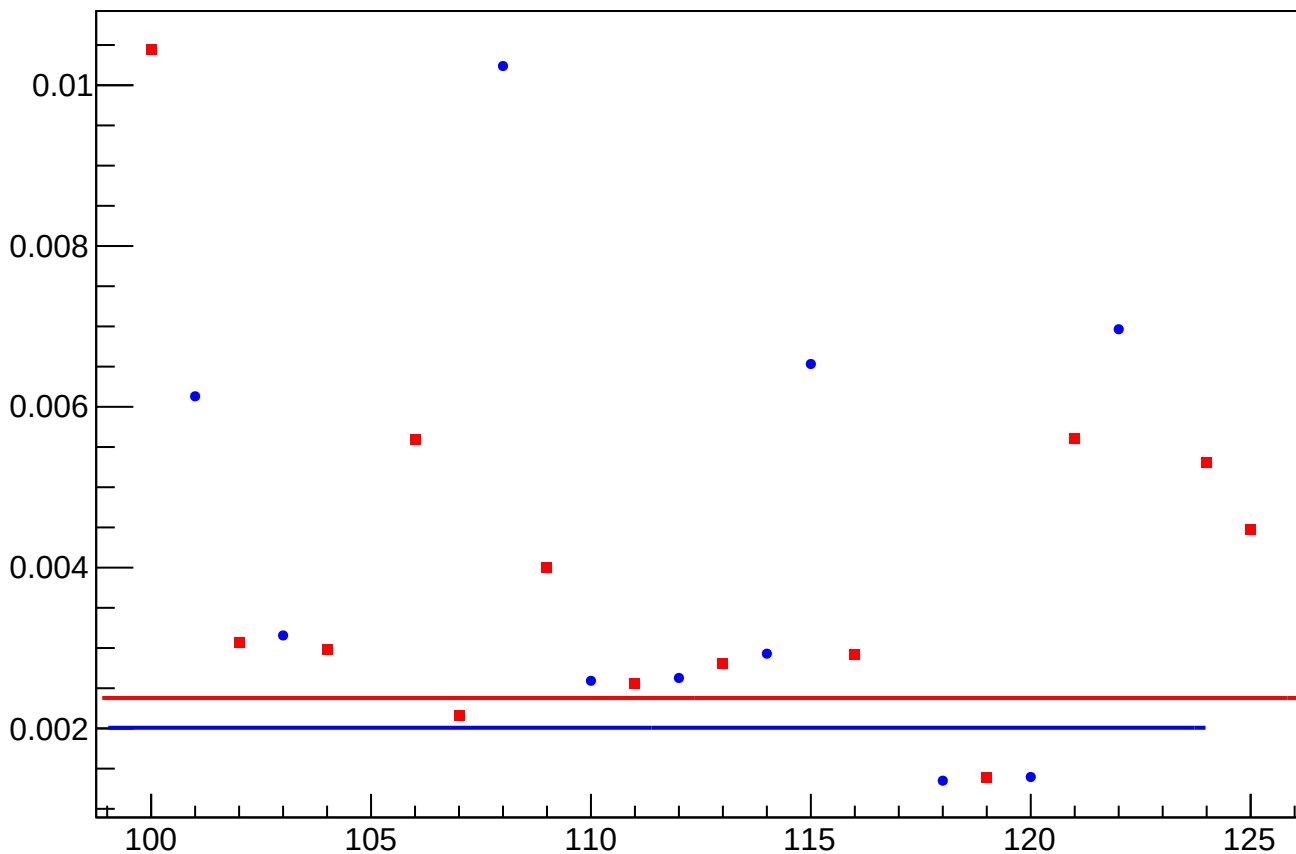
Right: 0.000+/-0.000 χ^2/NDF : 17.5/22

In: 0.000+/-0.000 χ^2/NDF : 4.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.5/22

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 : 1733525.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

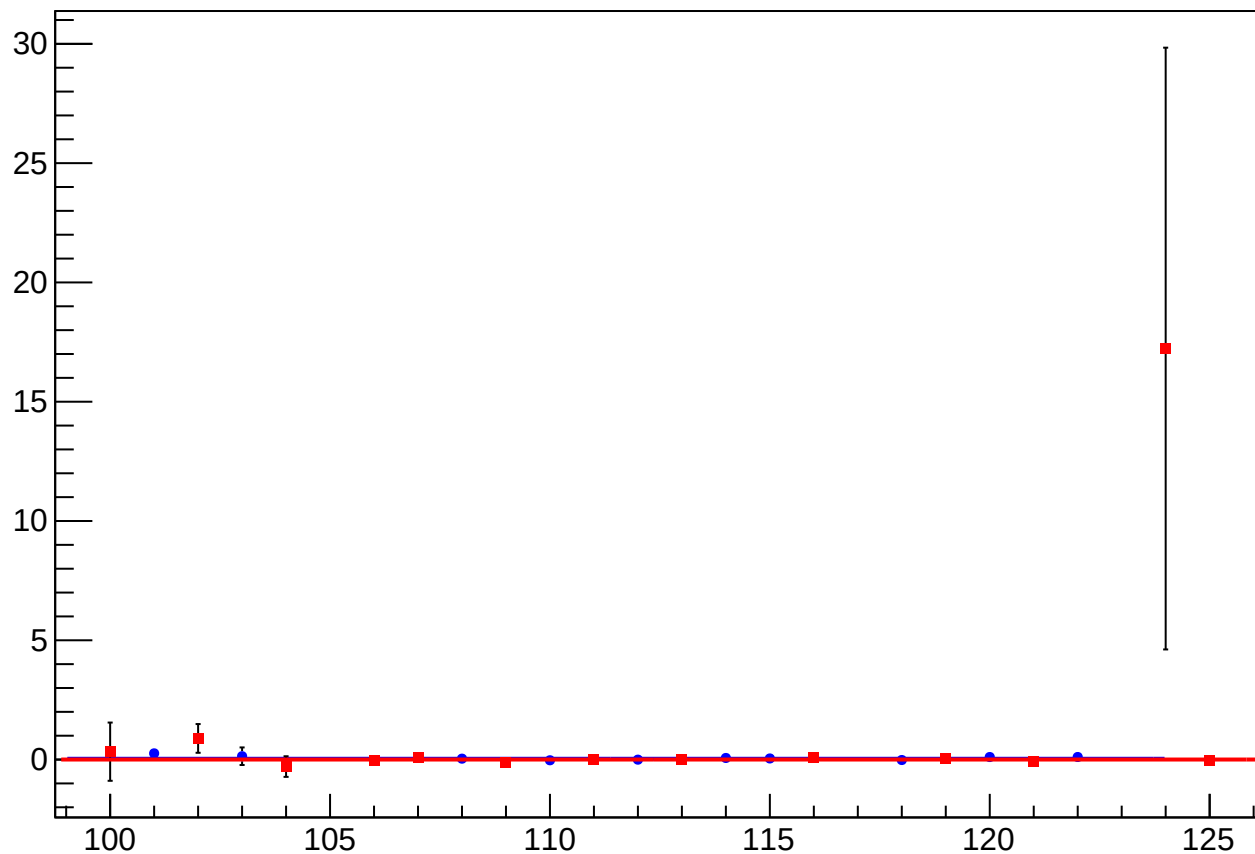
Right: 0.002+/-0.000 χ^2/NDF : 4023405.8/22

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 : 4023405.8/22

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: 0.002+/-0.021 χ^2/NDF : 13.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

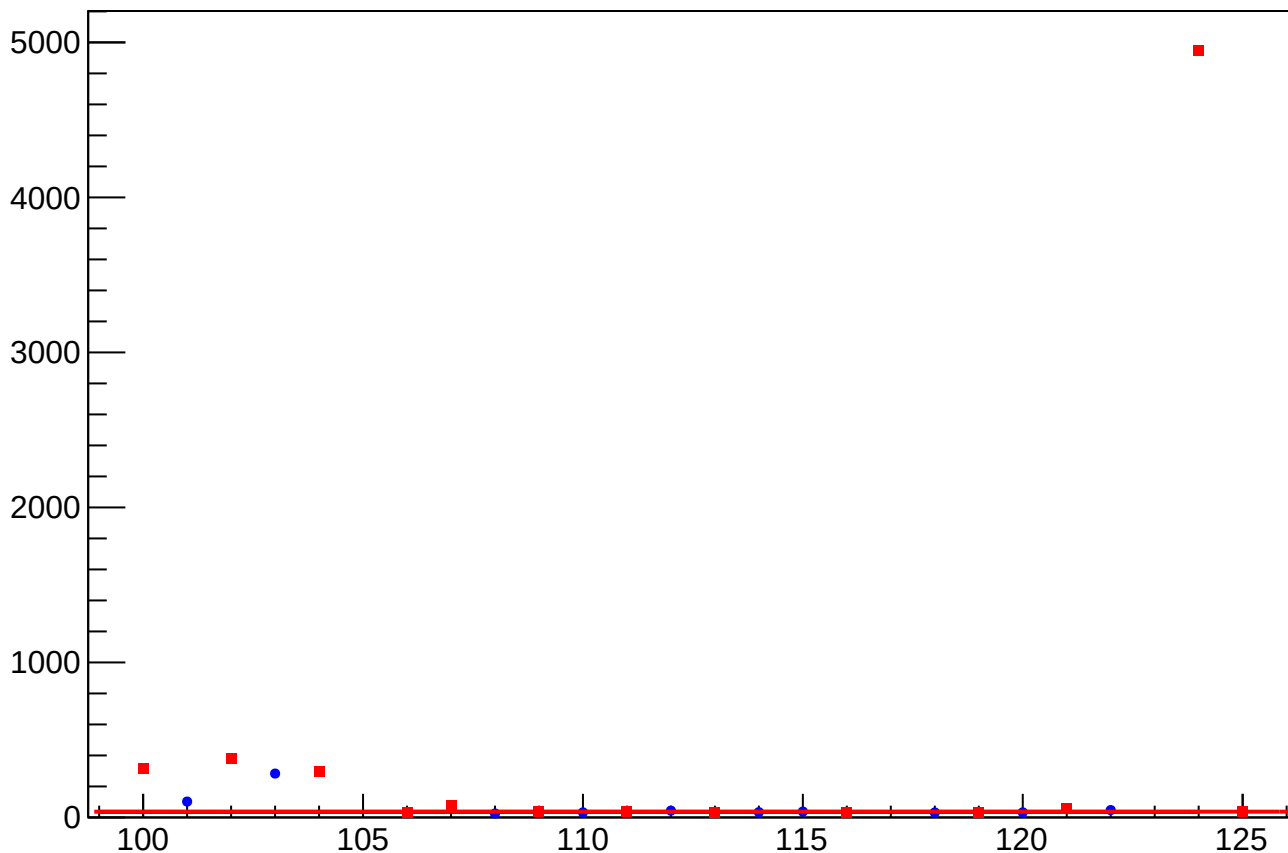
Right: 0.017+/-0.015 χ^2/NDF : 22.4/22

In: 0.033+/-0.021 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.015 χ^2/NDF : 22.4/22

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: 37.271+/-0.015 χ^2/NDF : 2060908.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

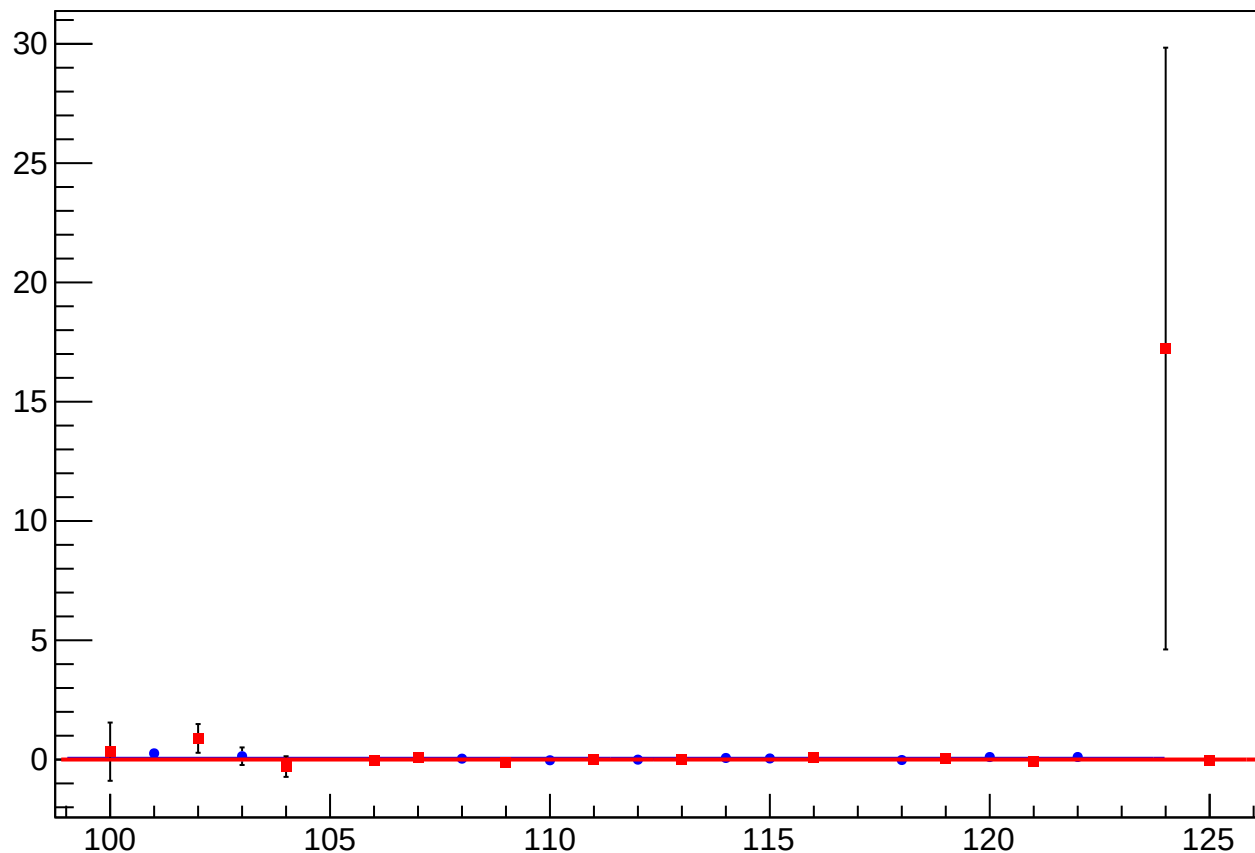
Right: 36.640+/-0.010 χ^2/NDF : 3653486.6/22

In: 35.989+/-0.015 χ^2/NDF : 1588782.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.640+/-0.010 χ^2/NDF : 3653486.6/22

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: 0.002+/-0.021 χ^2/NDF : 13.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

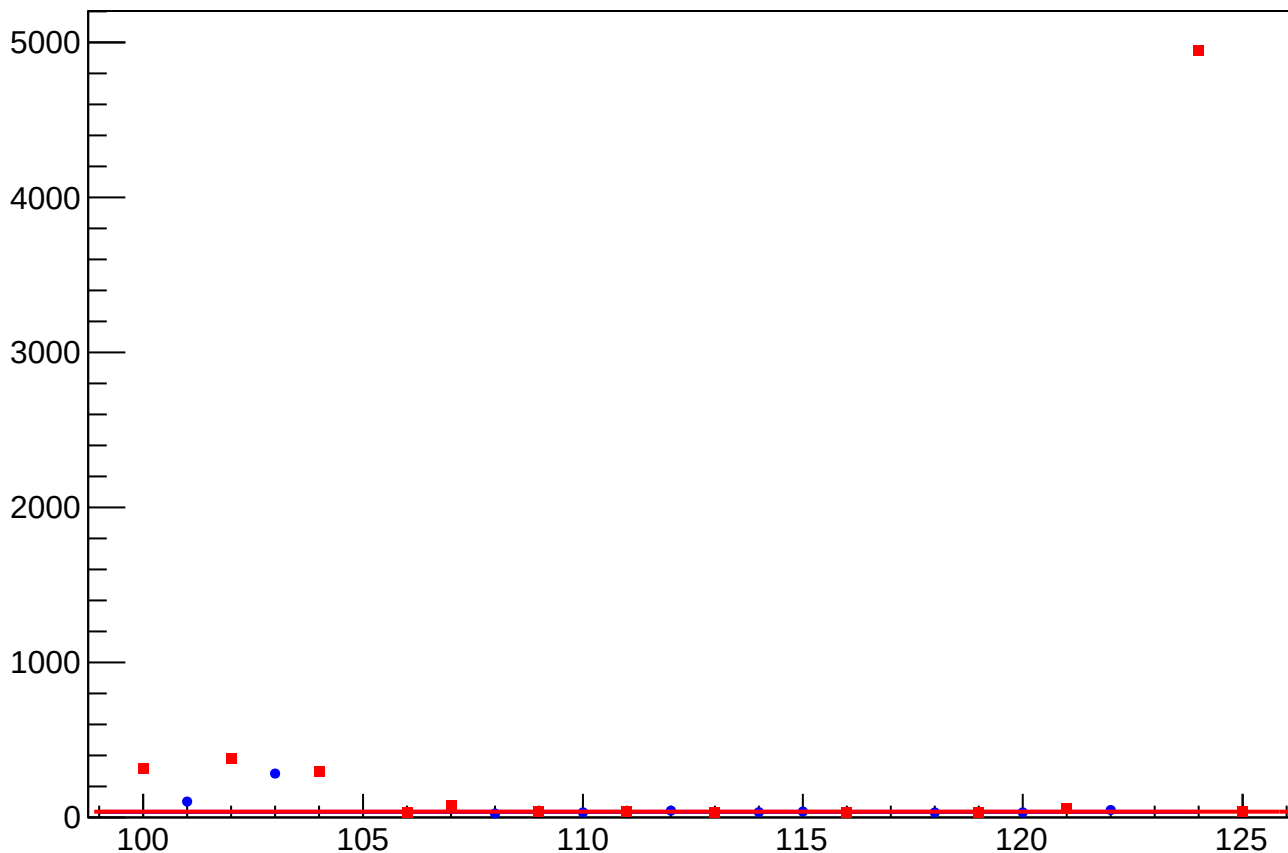
Right: 0.017+/-0.015 χ^2/NDF : 22.4/22

In: 0.033+/-0.021 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.015 χ^2/NDF : 22.4/22

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: 37.271+/-0.015 χ^2/NDF : 2060908.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

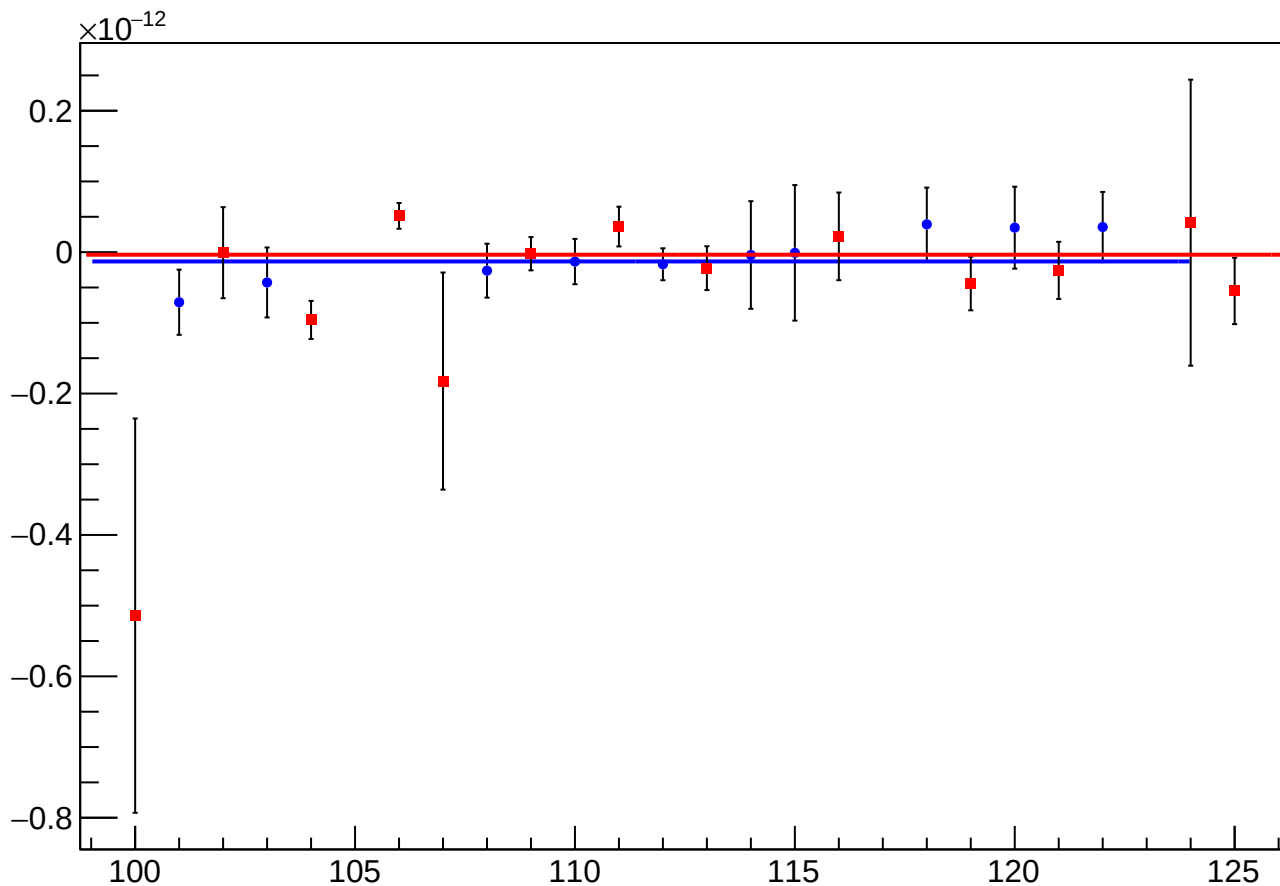
Right: 36.640+/-0.010 χ^2/NDF : 3653486.6/22

In: 35.989+/-0.015 χ^2/NDF : 1588782.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.640+/-0.010 χ^2/NDF : 3653486.6/22

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 : 30.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

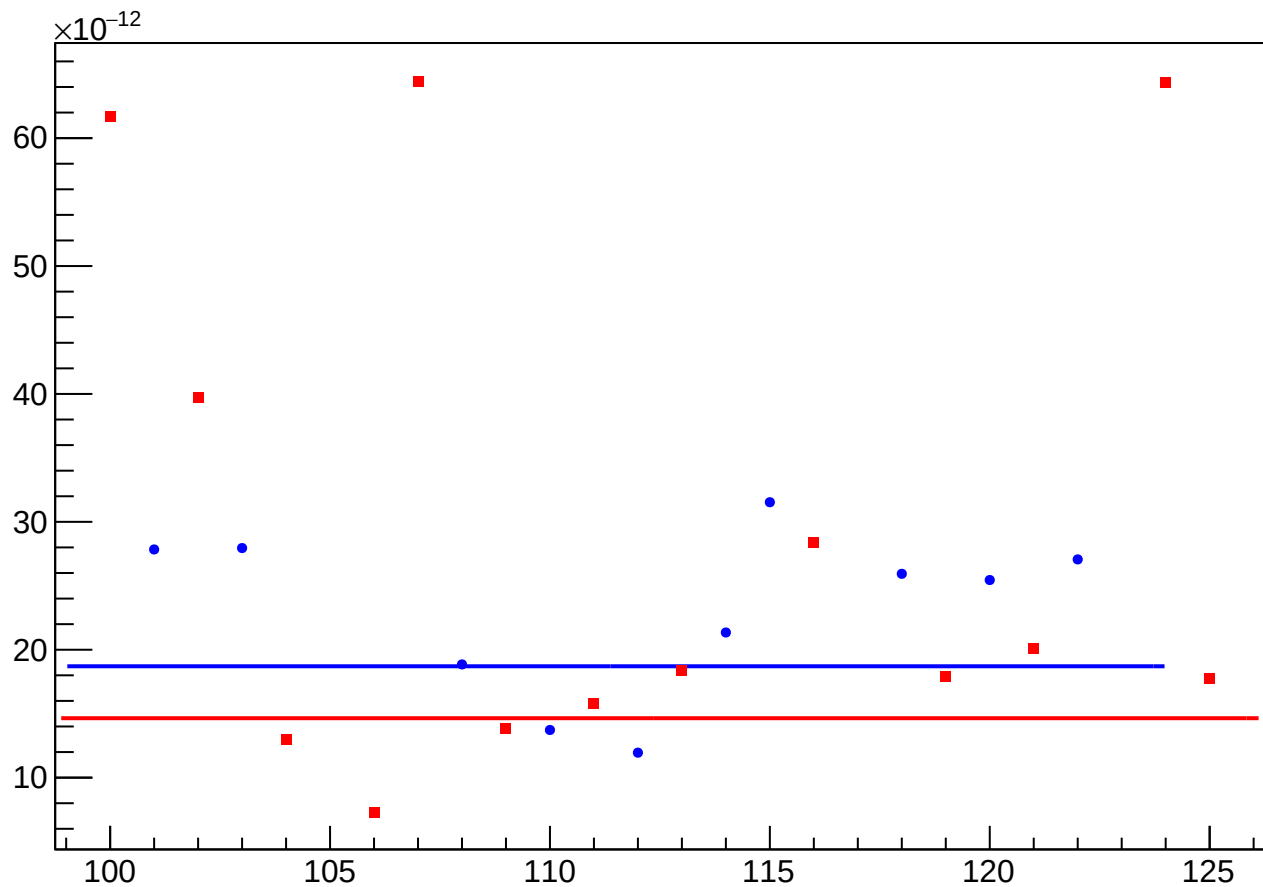
Right: -0.000+/-0.000 χ^2/NDF : 35.9/22

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 : 35.9/22

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 : 1220911.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

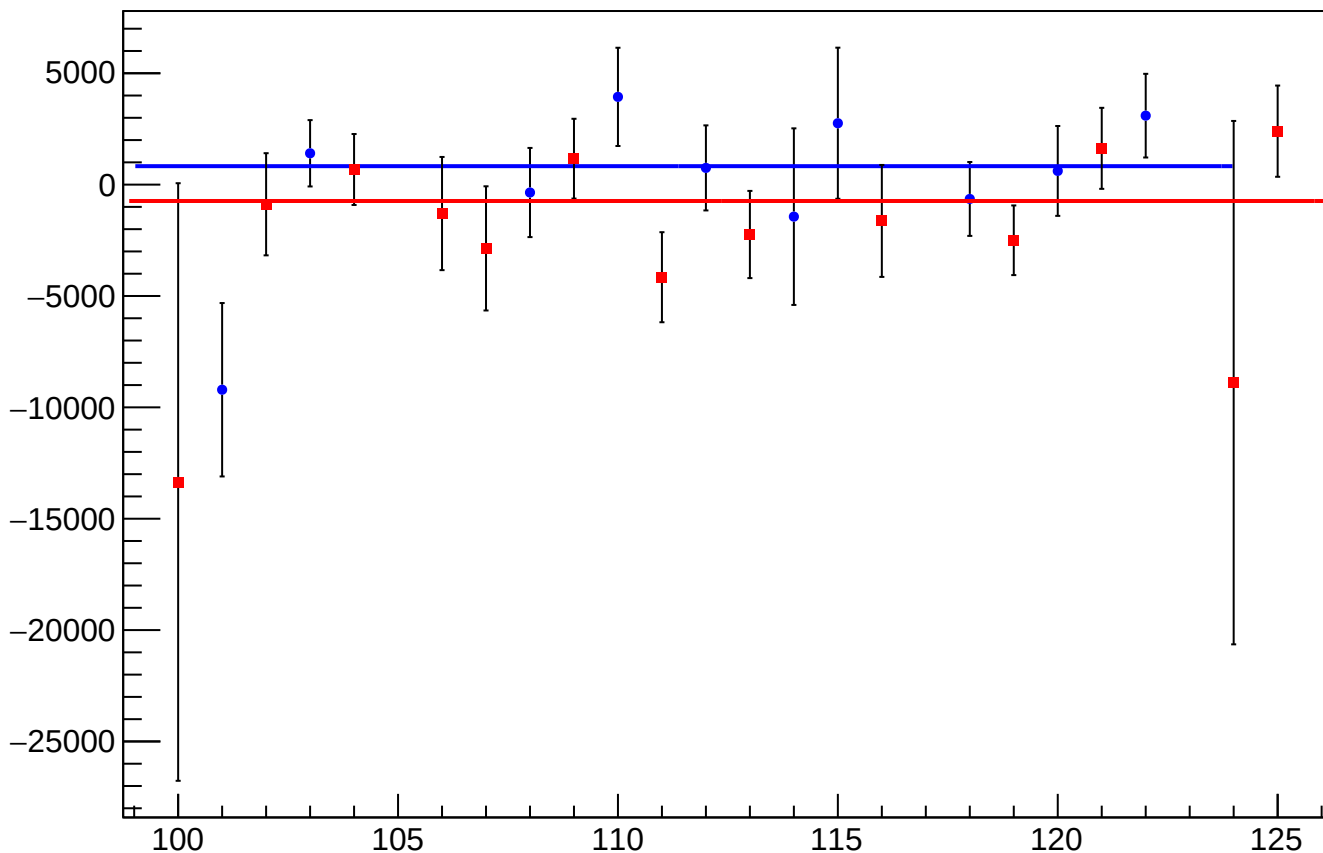
Right: 0.000+/-0.000 χ^2/NDF : 1882619.6/22

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 : 1882619.6/22

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: -735.069+/-596.945 χ^2/NDF : 12.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

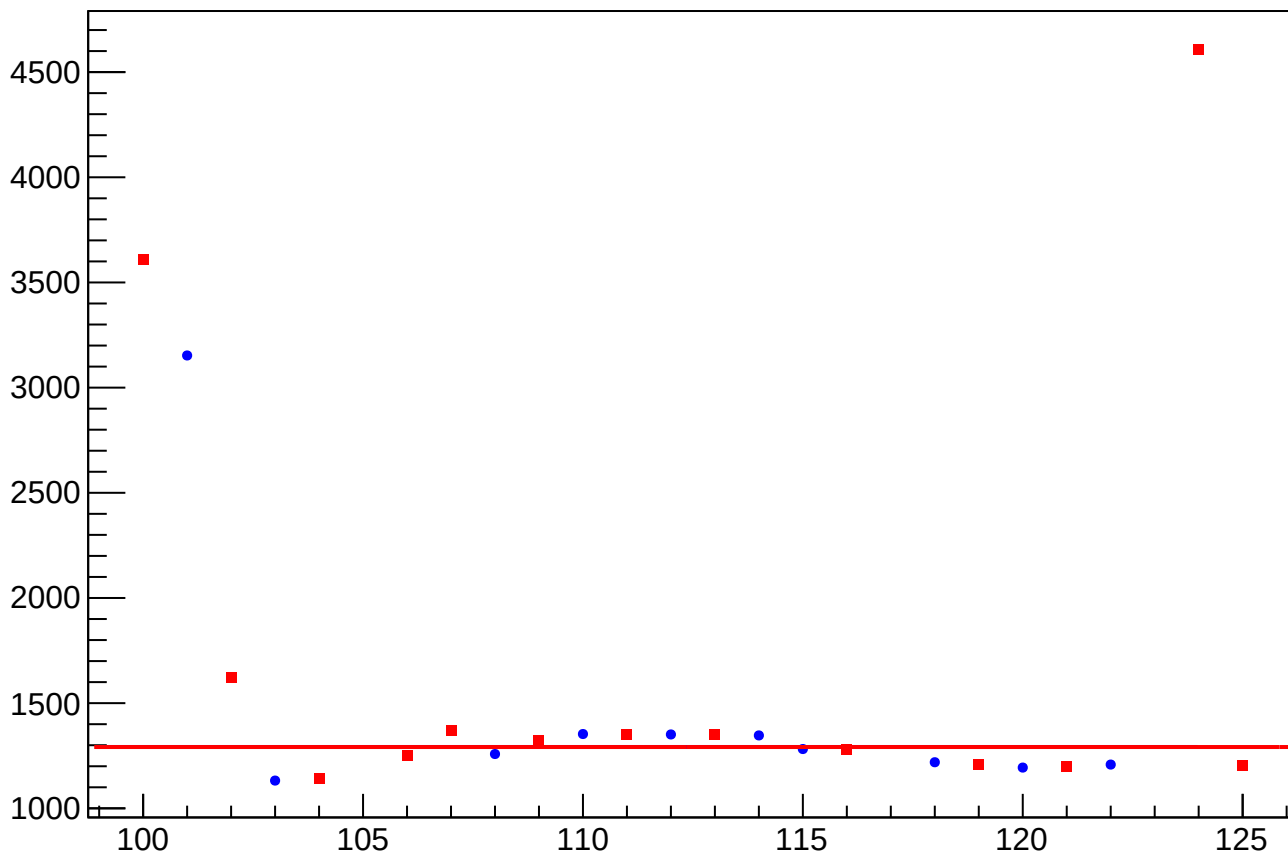
Right: -32.522+/-442.993 χ^2/NDF : 27.9/22

In: 828.625+/-660.899 χ^2/NDF :12.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -32.522+/-442.993 χ^2/NDF : 27.9/22

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: 1291.439+/-0.422 χ^2/NDF : 300061.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

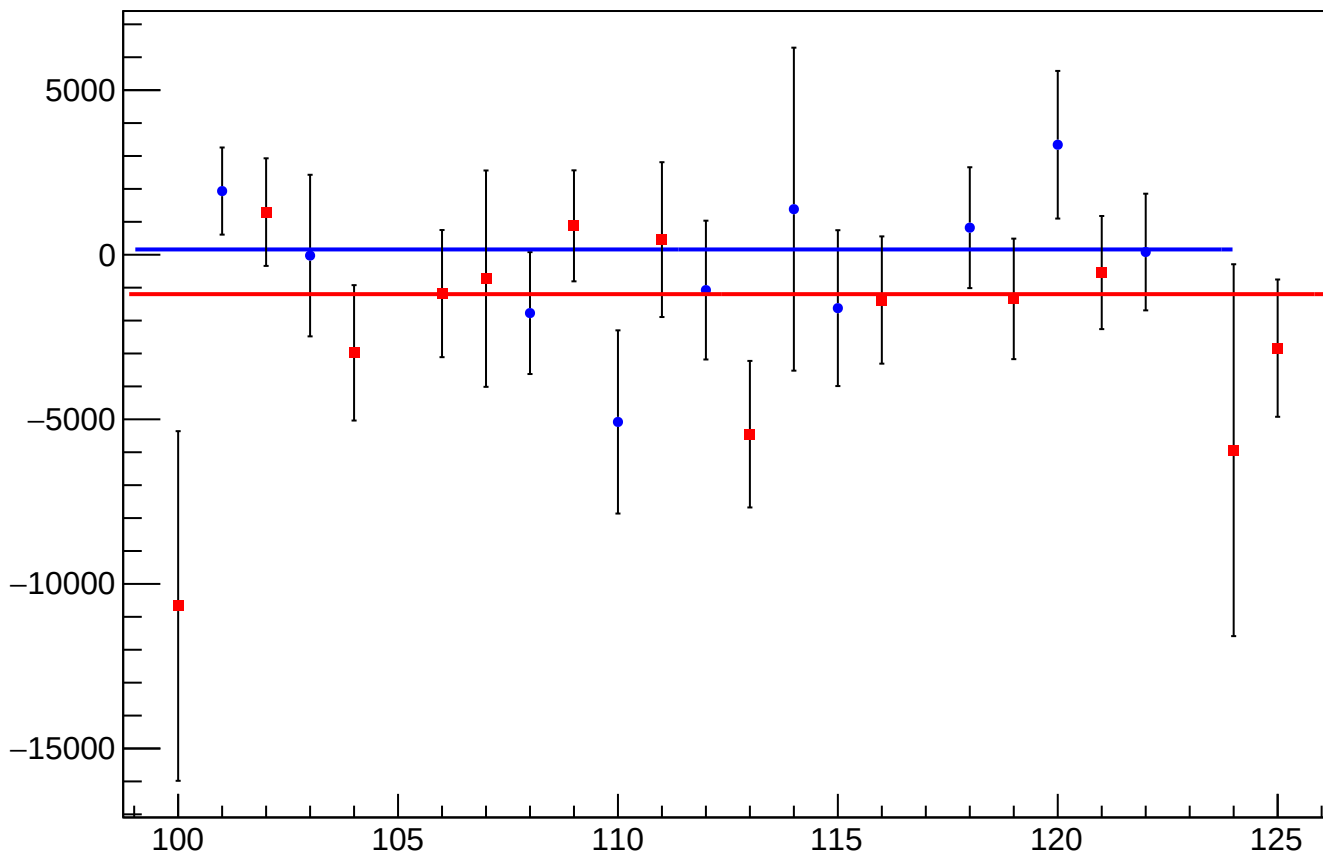
Right: 1291.525+/-0.313 χ^2/NDF : 797158.1/22

In: 1291.630+/-0.467 χ^2/NDF : 497096.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.525+/-0.313 χ^2/NDF : 797158.1/22

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: -1197.120+/-586.494 χ^2/NDF : 13.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

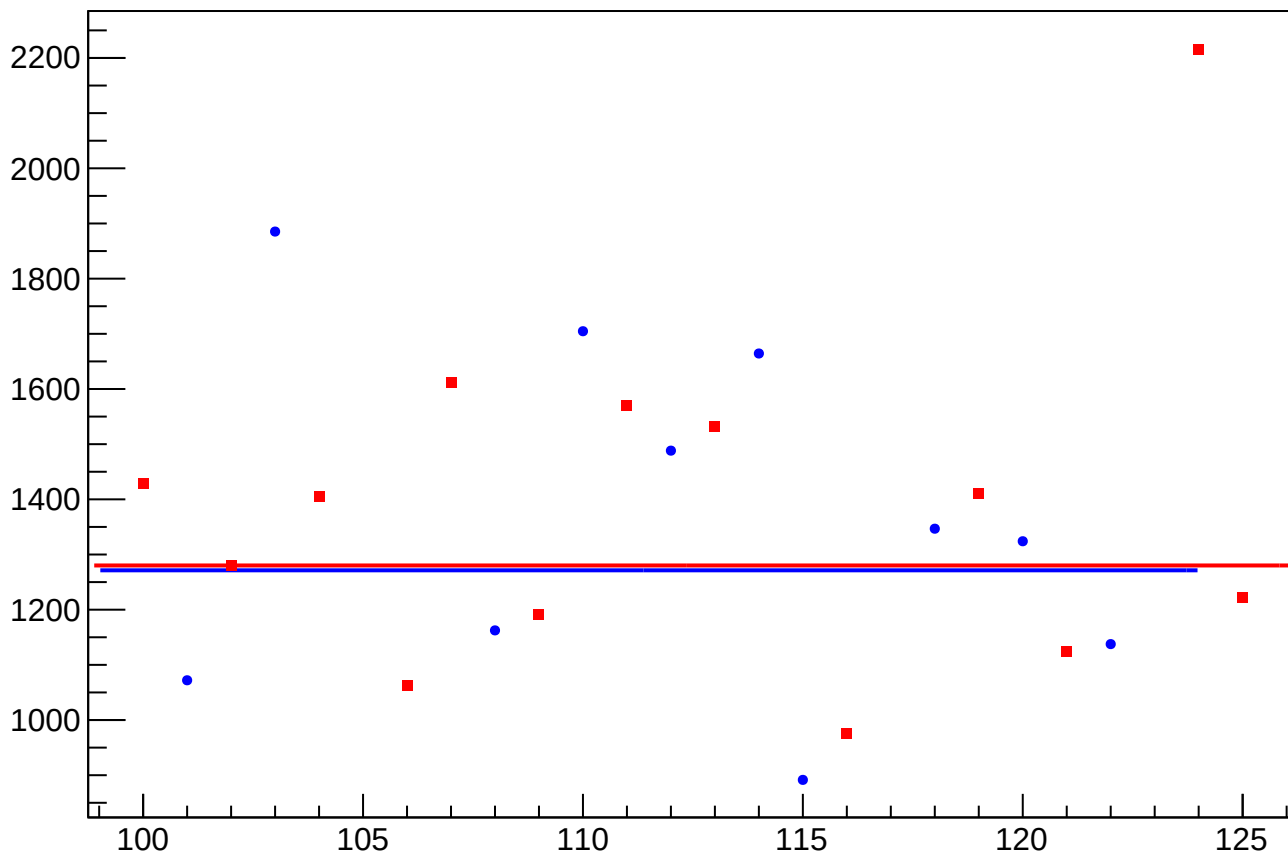
Right: -580.804+/-433.402 χ^2/NDF : 25.4/22

In: 160.636+/-643.280 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -580.804+/-433.402 χ^2/NDF : 25.4/22

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: 1280.153+/-0.415 χ^2/NDF : 248898.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

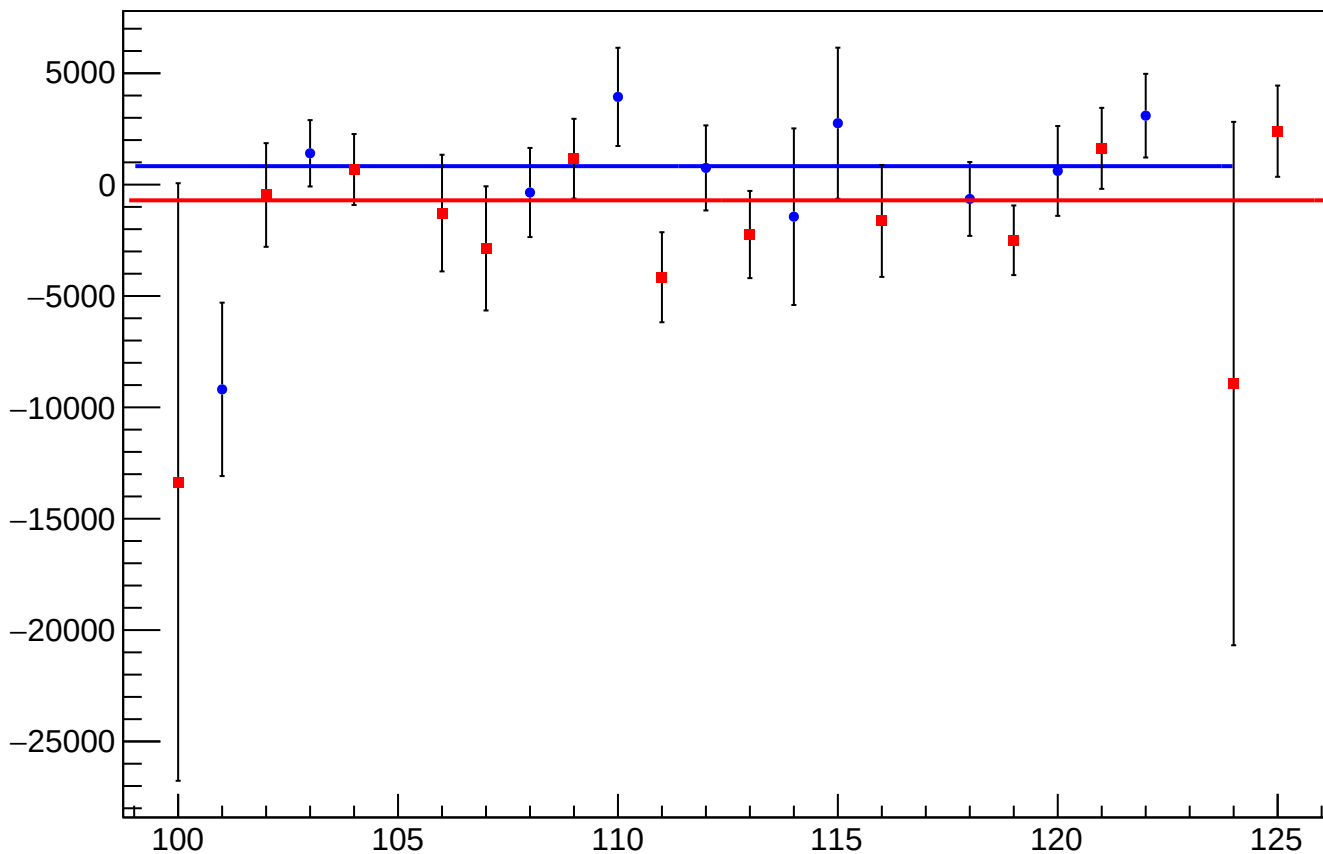
Right: 1276.160+/-0.306 χ^2/NDF : 576370.3/22

In: 1271.356+/-0.455 χ^2/NDF : 327267.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1276.160+/-0.306 χ^2/NDF : 576370.3/22

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: -704.555+/-598.514 χ^2/NDF : 12.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

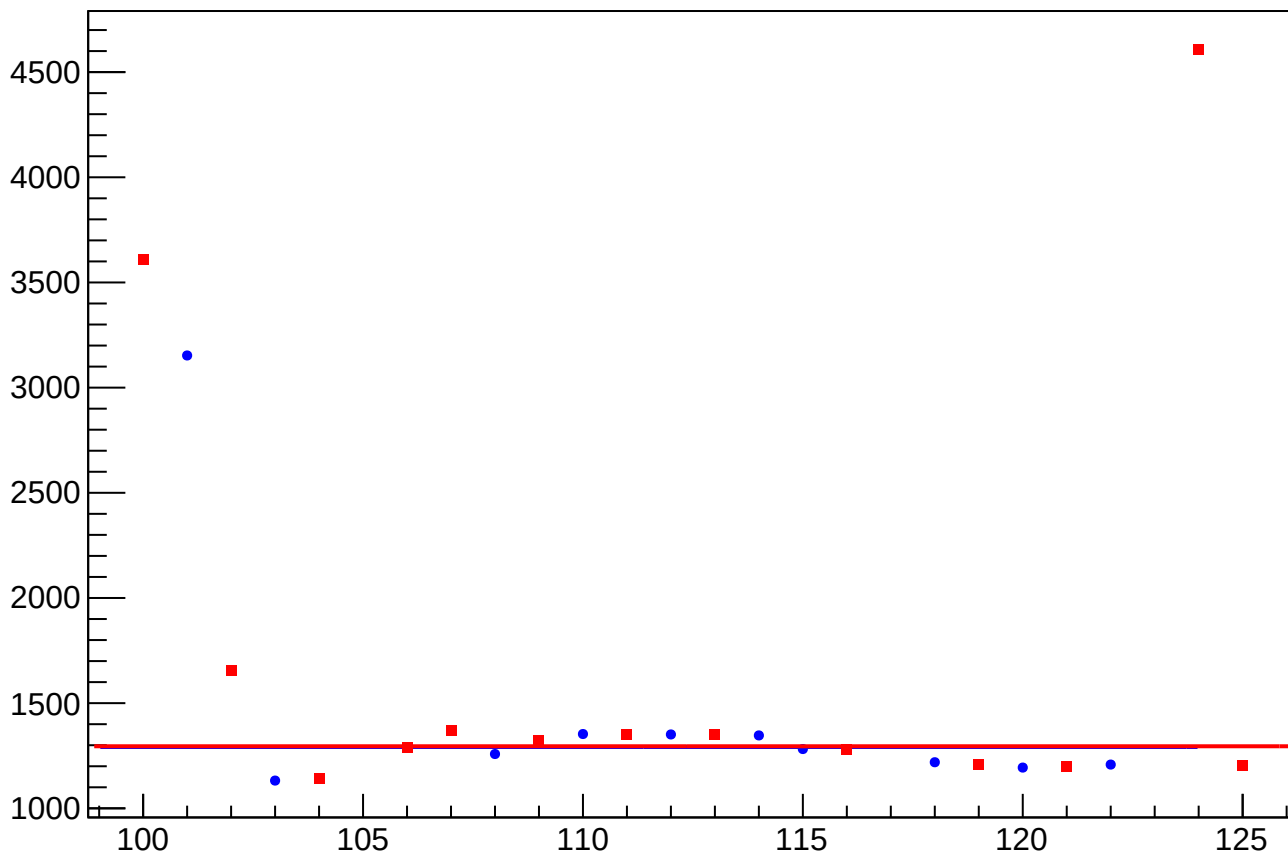
Right: -13.490+/-443.633 χ^2/NDF : 27.8/22

In: 829.147+/-660.899 χ^2/NDF :12.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -13.490+/-443.633 χ^2/NDF : 27.8/22

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: 1295.026+/-0.423 χ^2/NDF : 306330.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

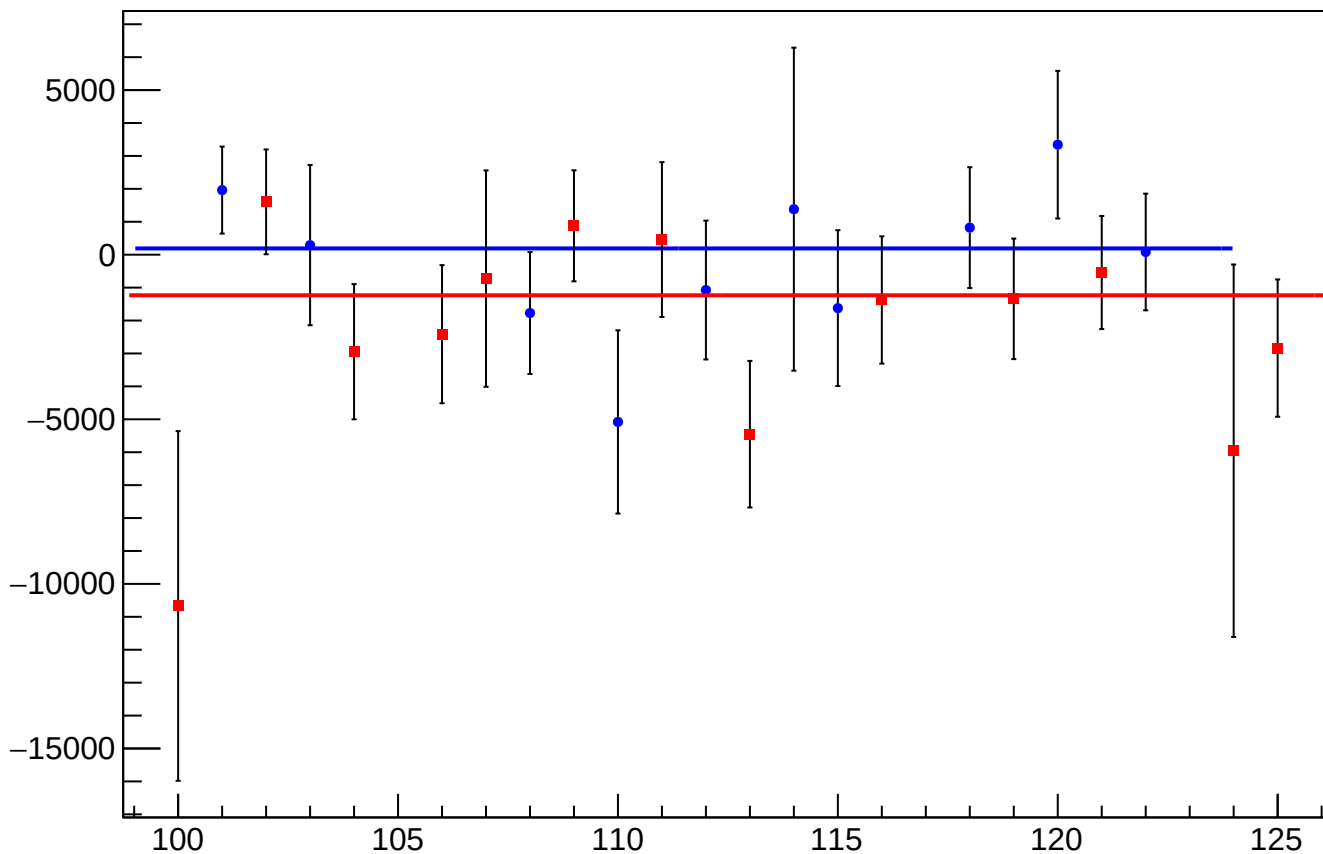
Right: 1293.496+/-0.314 χ^2/NDF : 803457.2/22

In: 1291.630+/-0.467 χ^2/NDF : 497097.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1293.496+/-0.314 χ^2/NDF : 803457.2/22

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: -1232.732+/-588.527 χ^2/NDF : 14.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

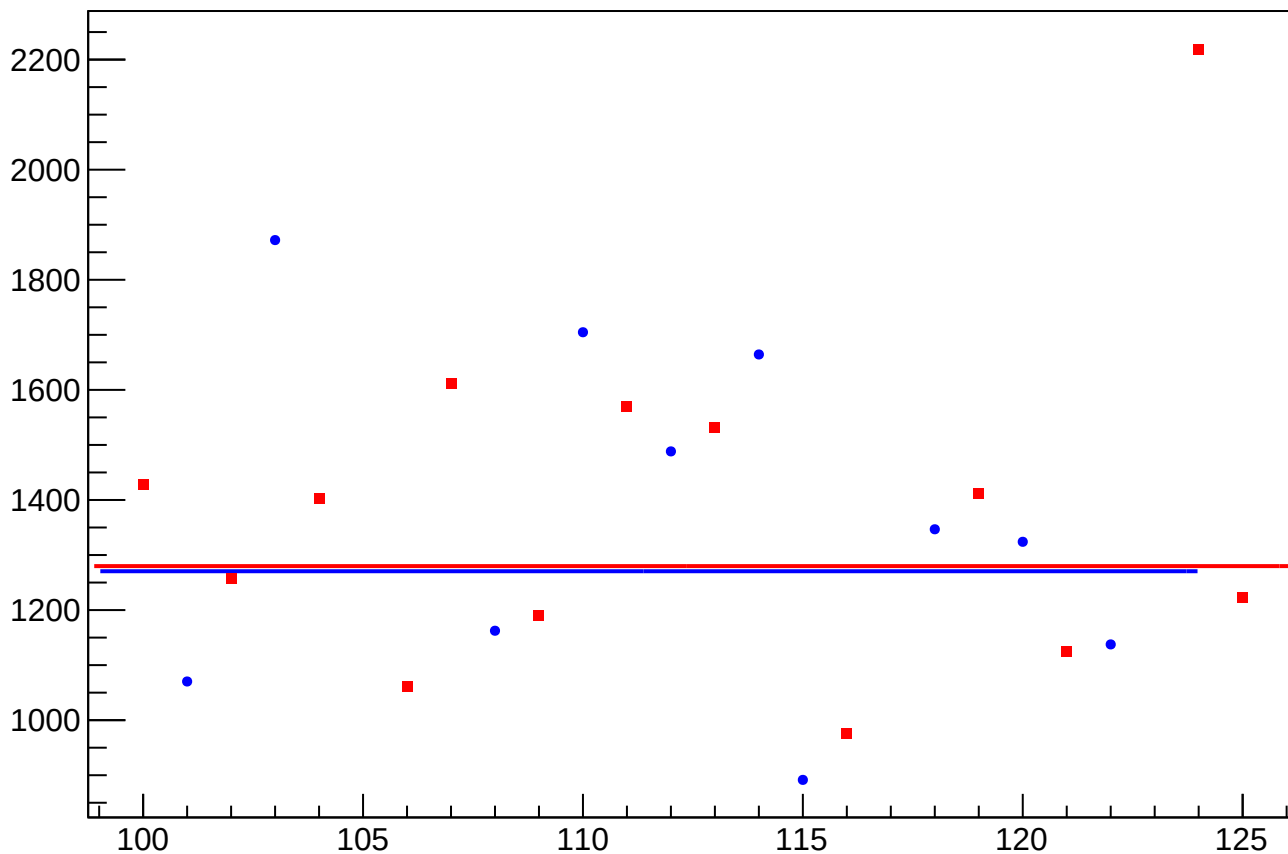
Right: -583.684+/-434.033 χ^2/NDF : 26.8/22

In: 190.284+/-642.672 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -583.684+/-434.033 χ^2/NDF : 26.8/22

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: 1279.872+/-0.416 χ^2/NDF : 245969.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

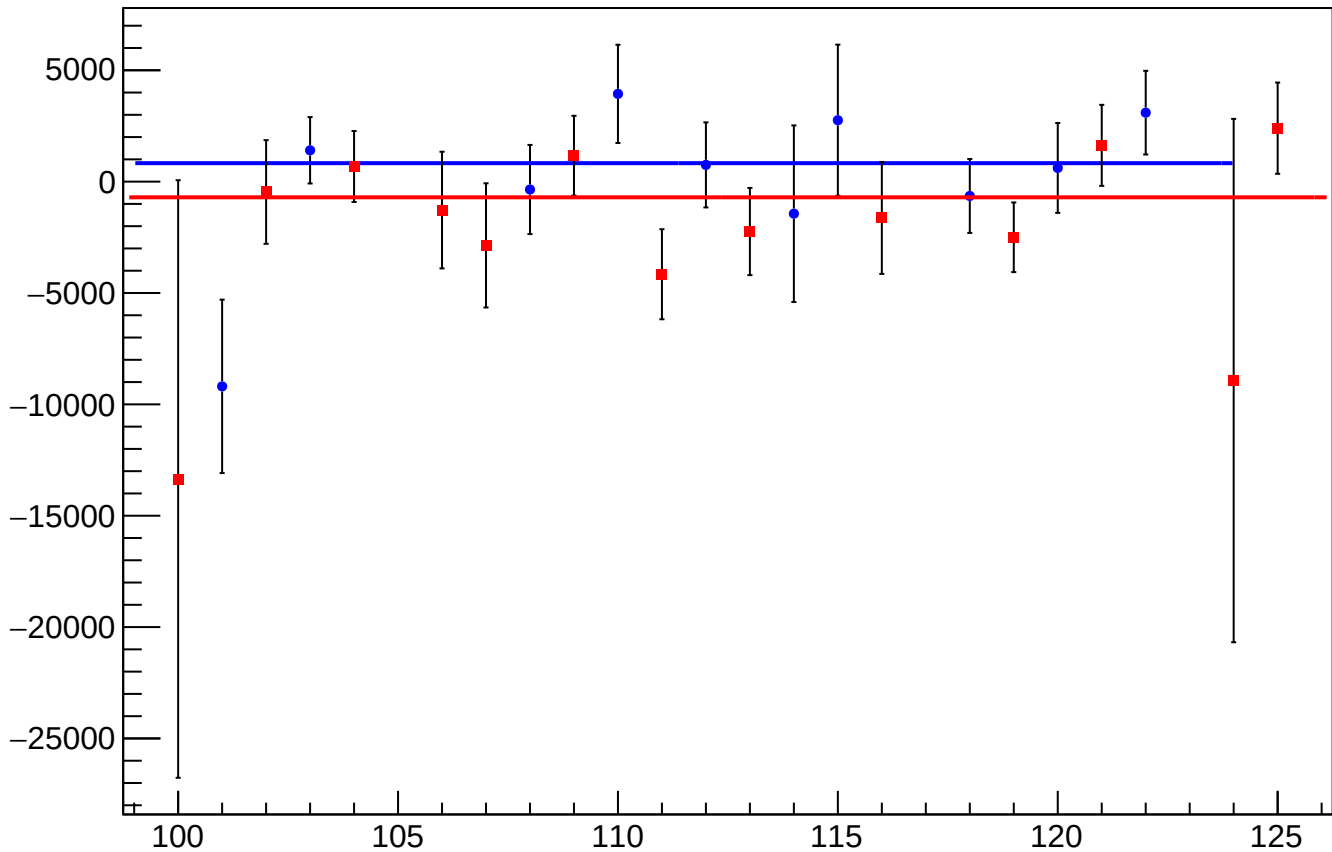
Right: 1275.627+/-0.307 χ^2/NDF : 571088.8/22

In: 1270.565+/-0.454 χ^2/NDF : 324891.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1275.627+/-0.307 χ^2/NDF : 571088.8/22

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: -704.555+/-598.514 χ^2/NDF : 12.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

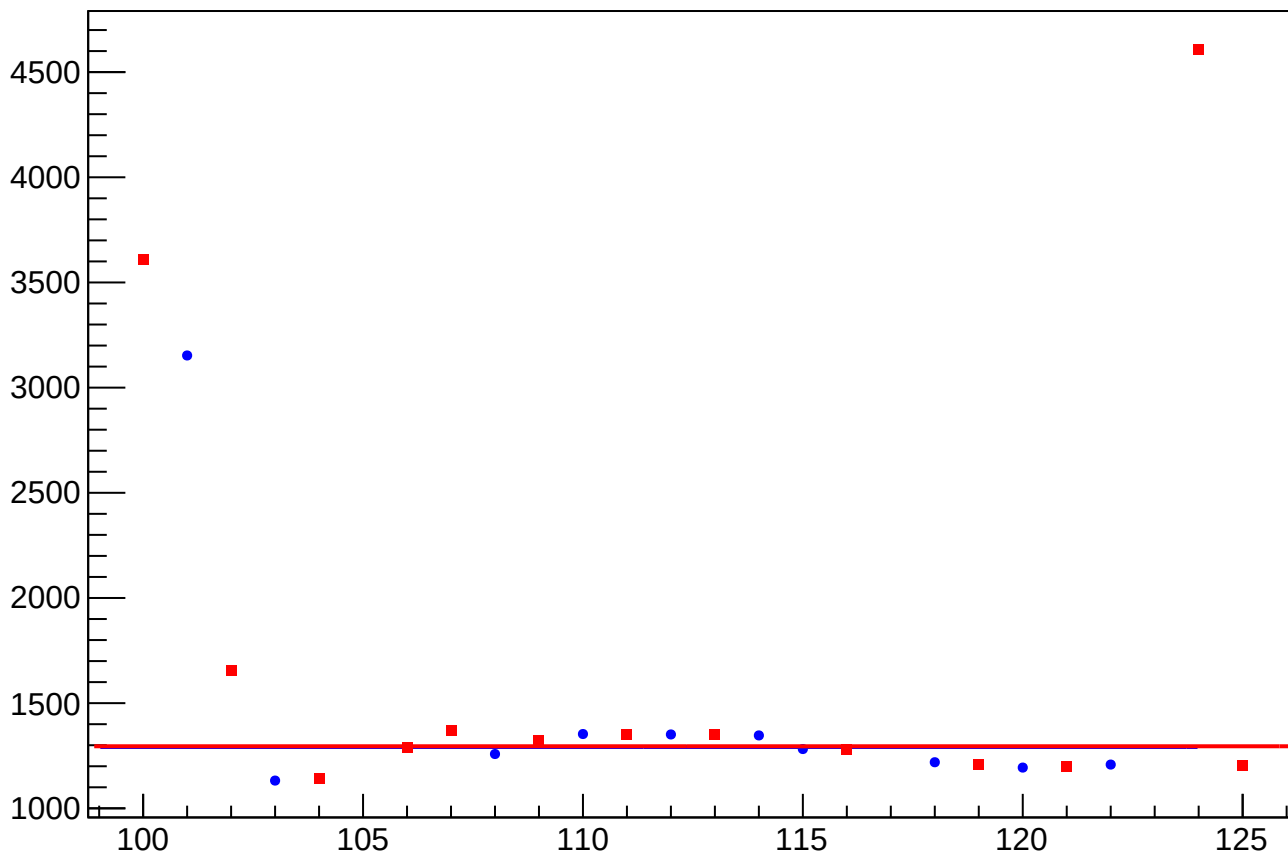
Right: -13.490+/-443.633 χ^2/NDF : 27.8/22

In: 829.147+/-660.899 χ^2/NDF : 12.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.490+/-443.633 χ^2/NDF : 27.8/22

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: 1295.026+/-0.423 χ^2/NDF : 306330.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

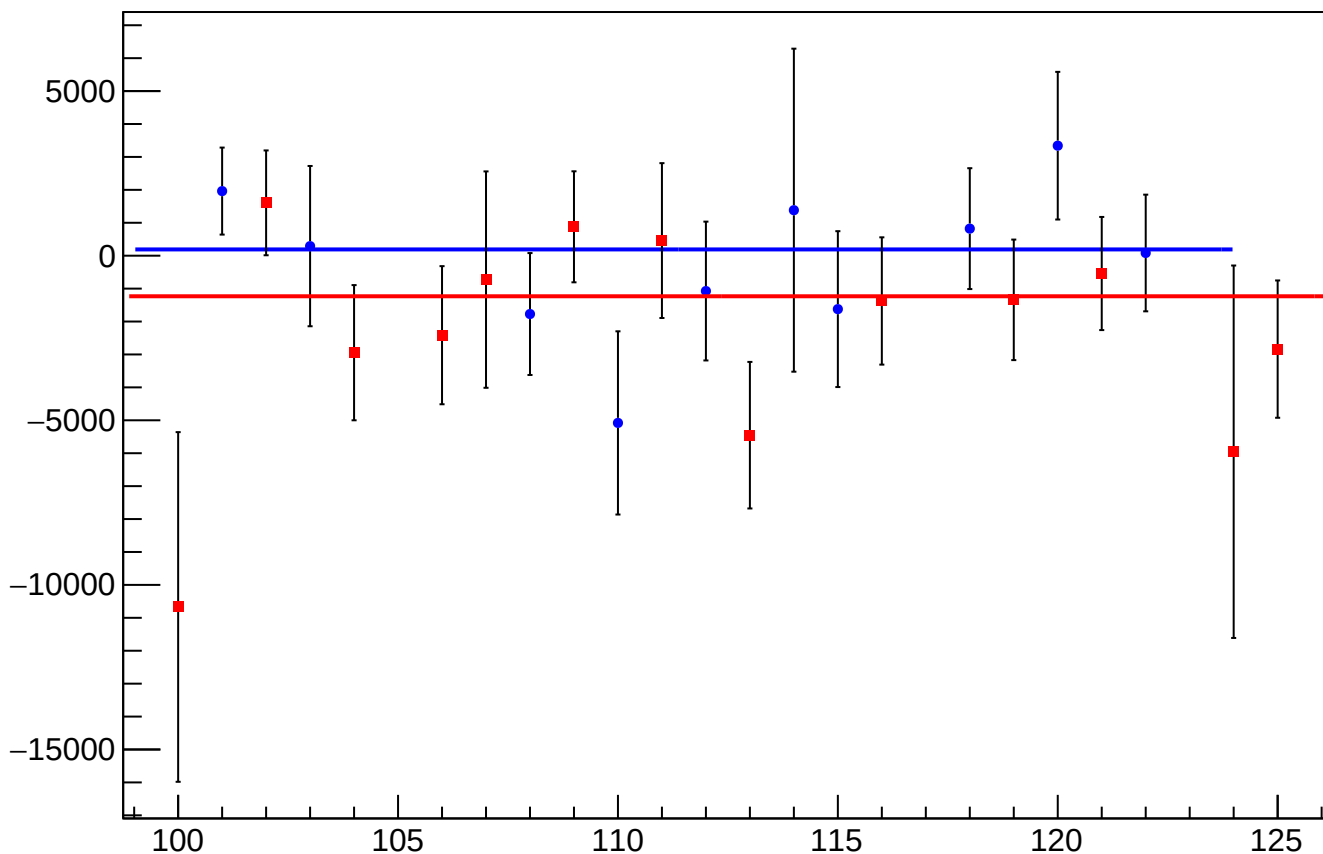
Right: 1293.496+/-0.314 χ^2/NDF : 803457.2/22

In: 1291.630+/-0.467 χ^2/NDF : 497097.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1293.496+/-0.314 χ^2/NDF : 803457.2/22

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: -1232.732+/-588.527 χ^2/NDF : 14.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

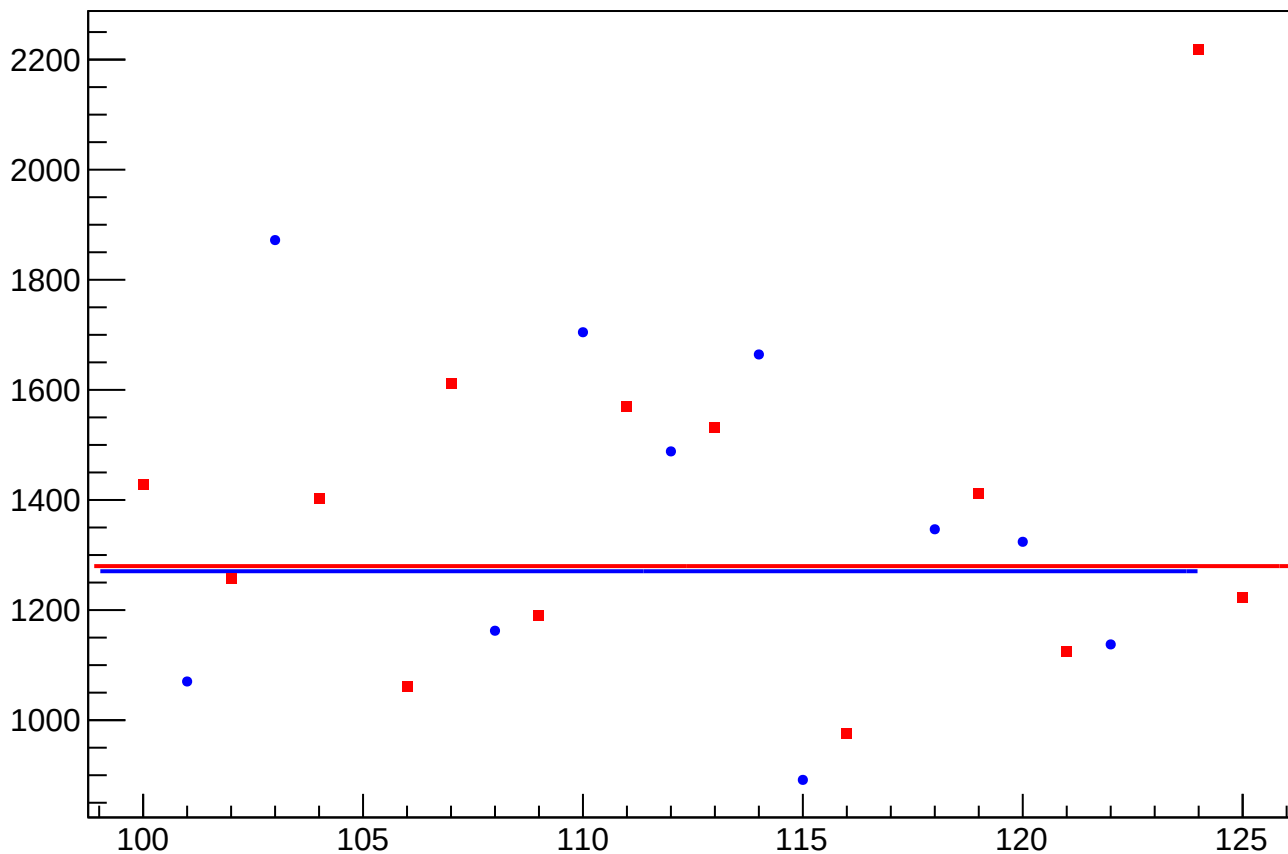
Right: -583.684+/-434.033 χ^2/NDF : 26.8/22

In: 190.284+/-642.672 χ^2/NDF :9.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -583.684+/-434.033 χ^2/NDF : 26.8/22

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: 1279.872+/-0.416 χ^2/NDF : 245969.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

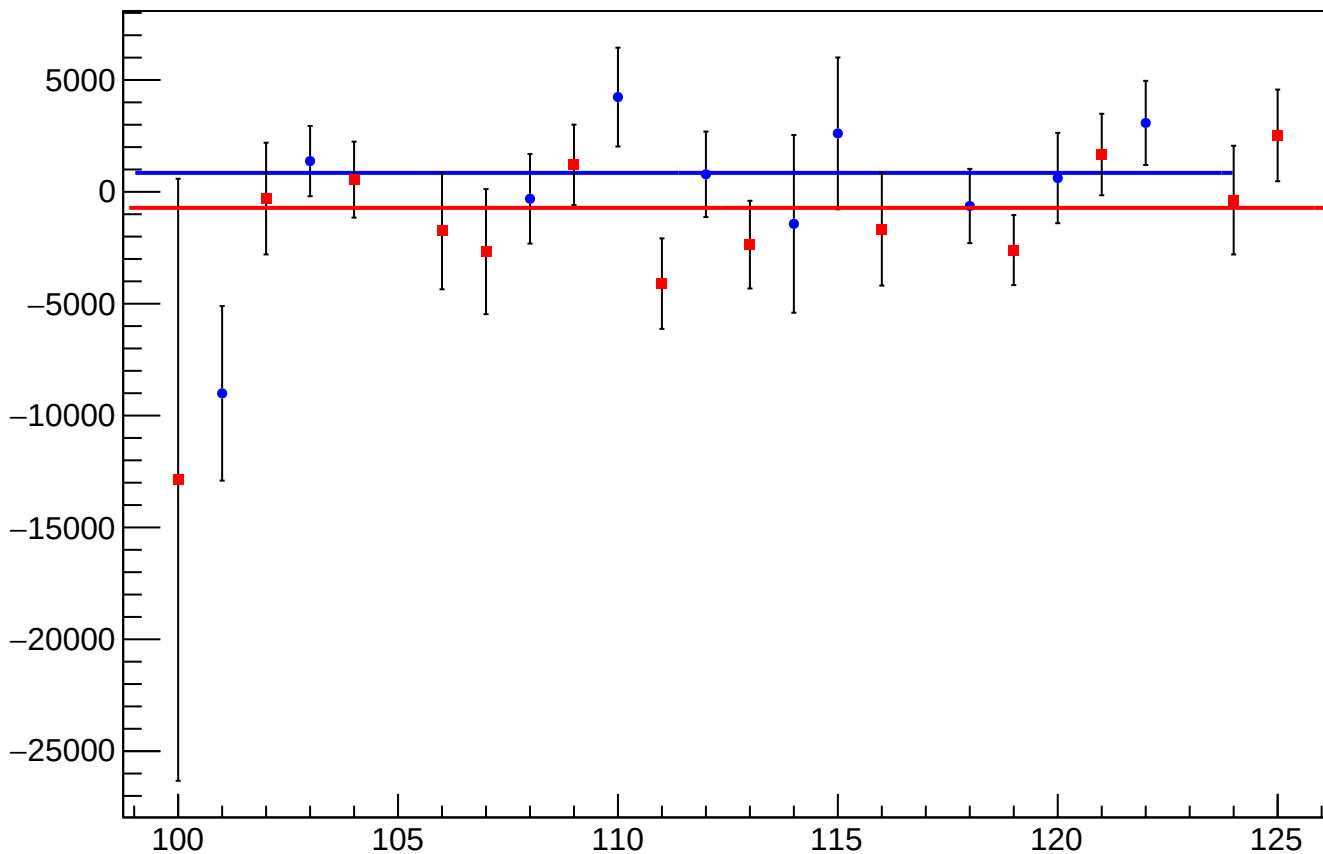
Right: 1275.627+/-0.307 χ^2/NDF : 571088.8/22

In: 1270.565+/-0.454 χ^2/NDF : 324891.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1275.627+/-0.307 χ^2/NDF : 571088.8/22

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: -715.044+/-589.438 χ^2/NDF : 12.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

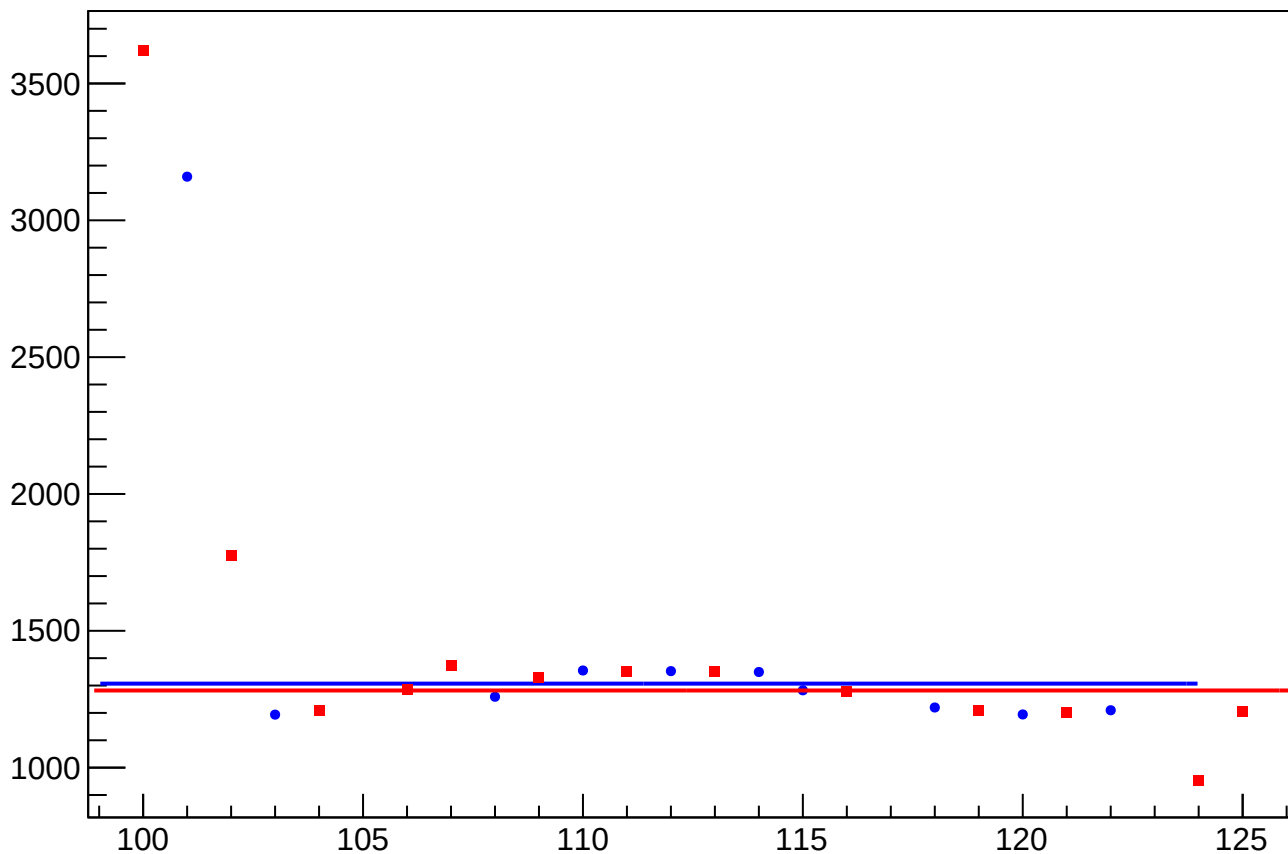
Right: -30.769+/-442.016 χ^2/NDF : 27.6/22

In: 848.444+/-668.144 χ^2/NDF : 12.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.769+/-442.016 χ^2/NDF : 27.6/22

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: 1281.922+/-0.417 χ^2/NDF : 198761.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

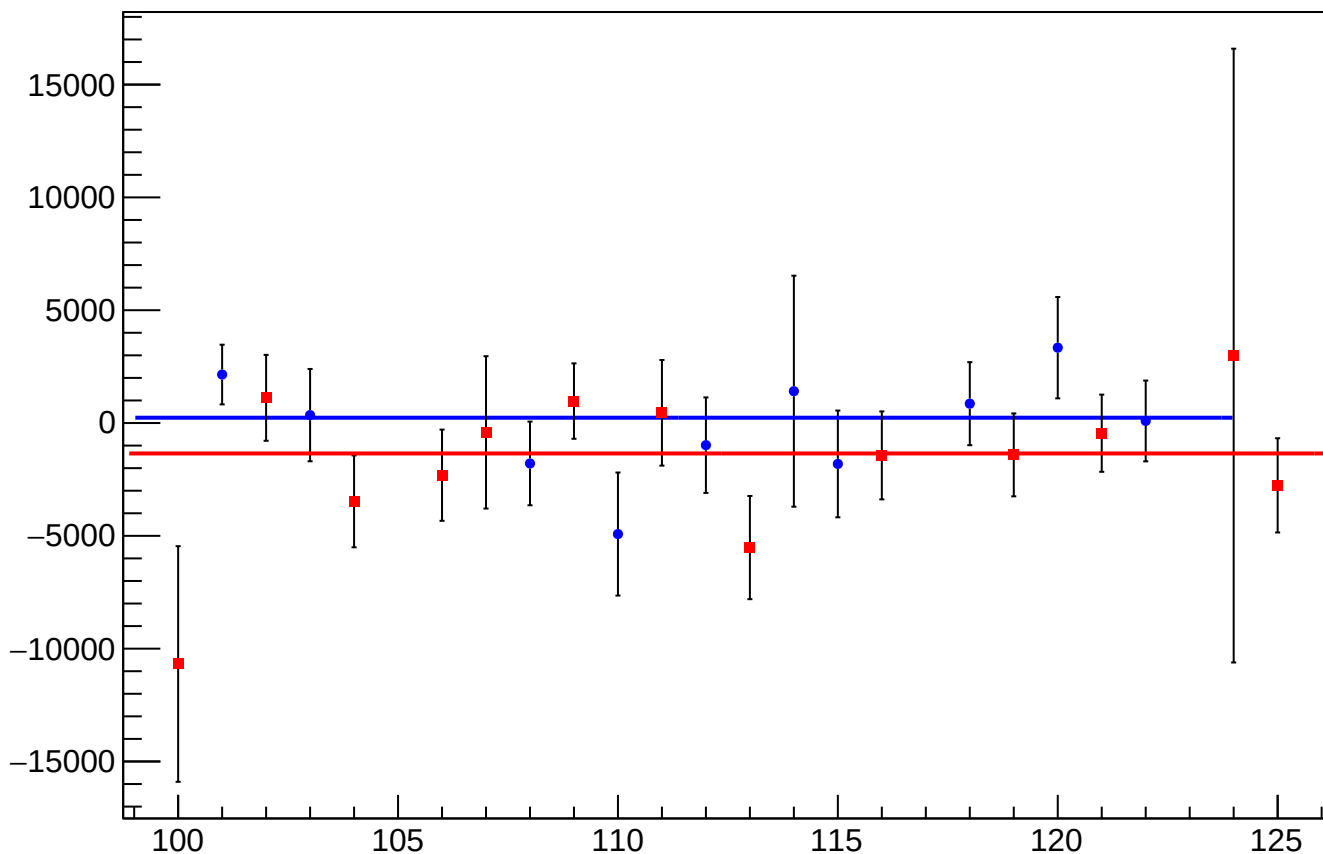
Right: 1292.897+/-0.313 χ^2/NDF : 682339.9/22

In: 1306.999+/-0.472 χ^2/NDF : 481994.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1292.897+/-0.313 χ^2/NDF : 682339.9/22

asym_at1_dd_at2_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 235.627+/-634.794 χ^2/NDF : 10.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1348.828+/-602.611 χ^2/NDF : 12.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

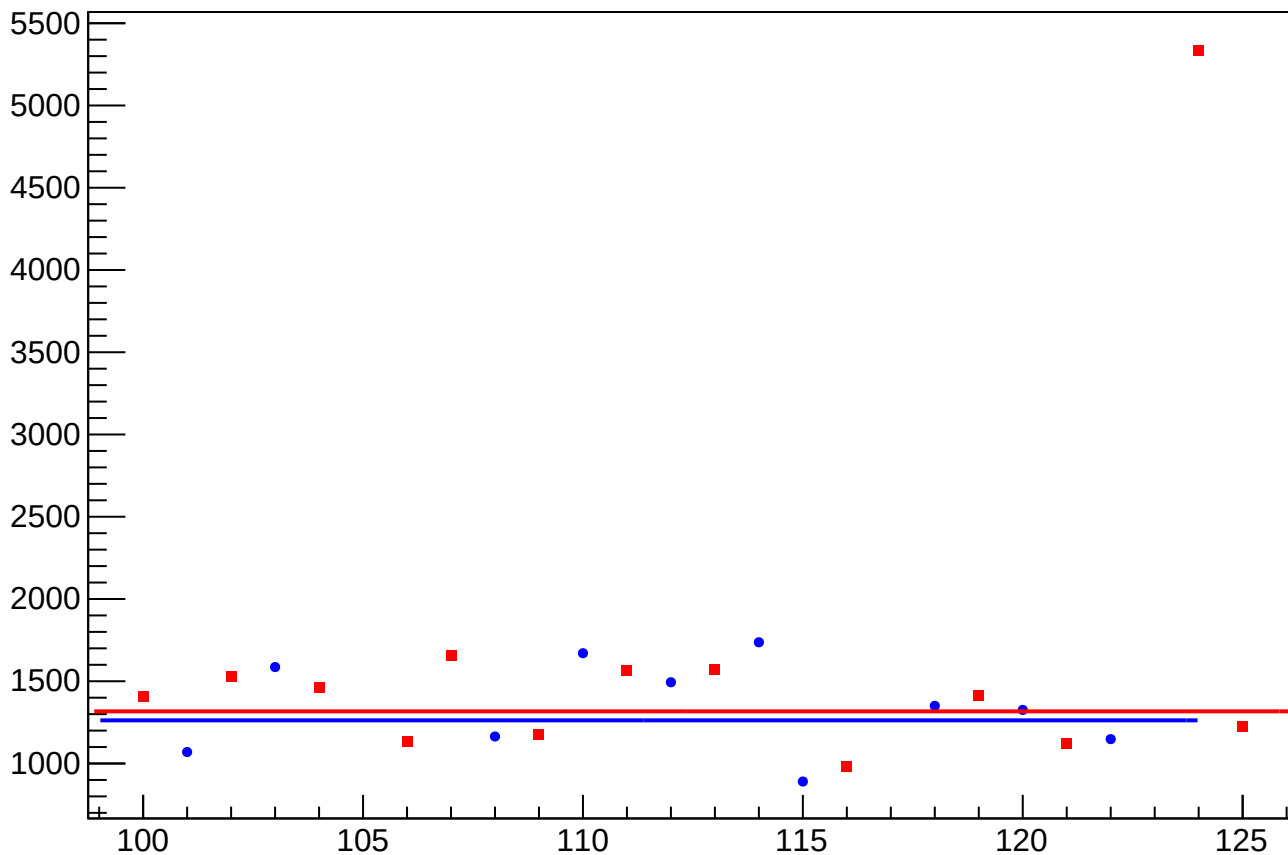
Right: -597.782+/-437.045 χ^2/NDF : 26.3/22

In: 235.627+/-634.794 χ^2/NDF :10.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -597.782+/-437.045 χ^2/NDF : 26.3/22

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: 1317.058+/-0.426 χ^2/NDF : 403901.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

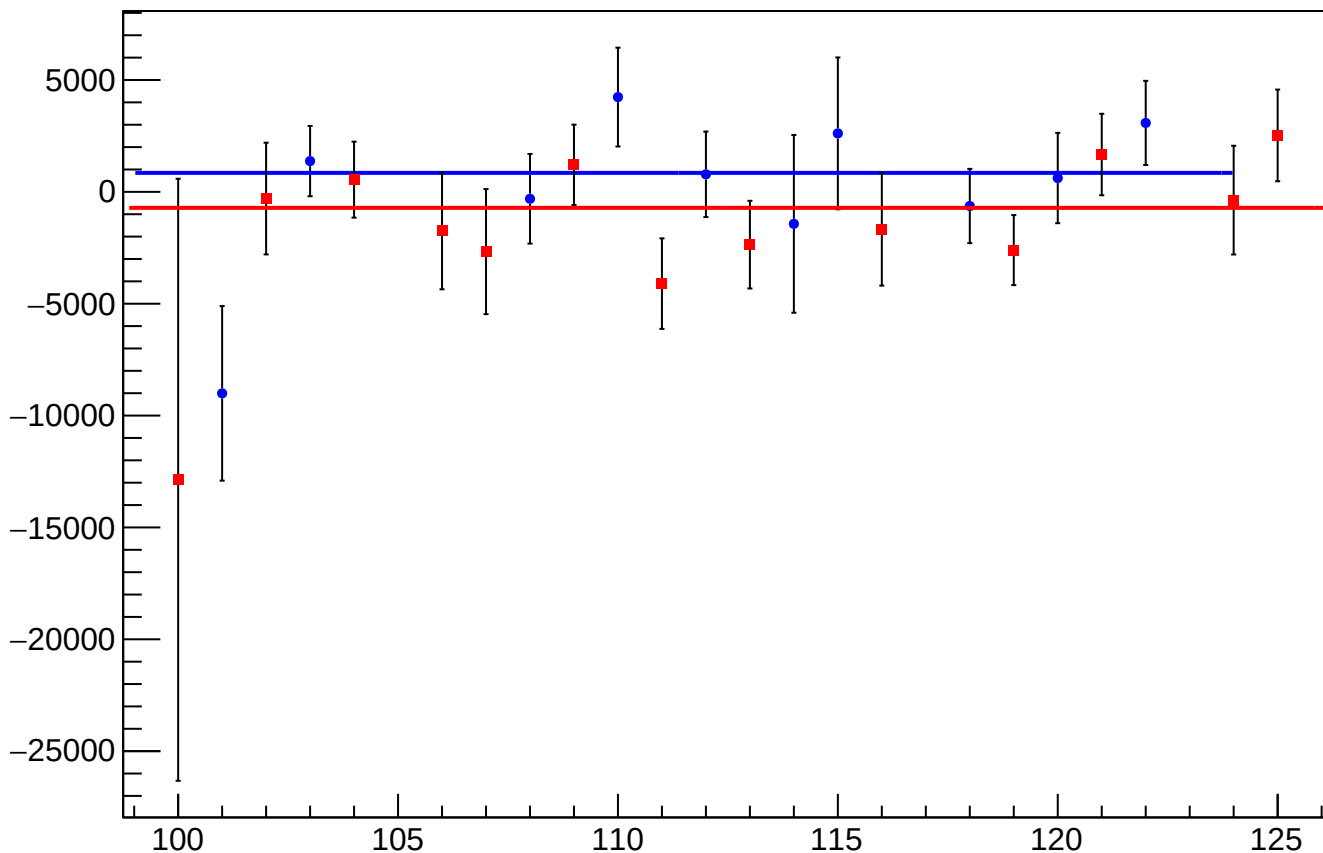
Right: 1291.108+/-0.309 χ^2/NDF : 659611.7/22

In: 1262.311+/-0.449 χ^2/NDF : 247885.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.108+/-0.309 χ^2/NDF : 659611.7/22

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: -715.045+/-589.438 χ^2 /NDF: 12.5/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

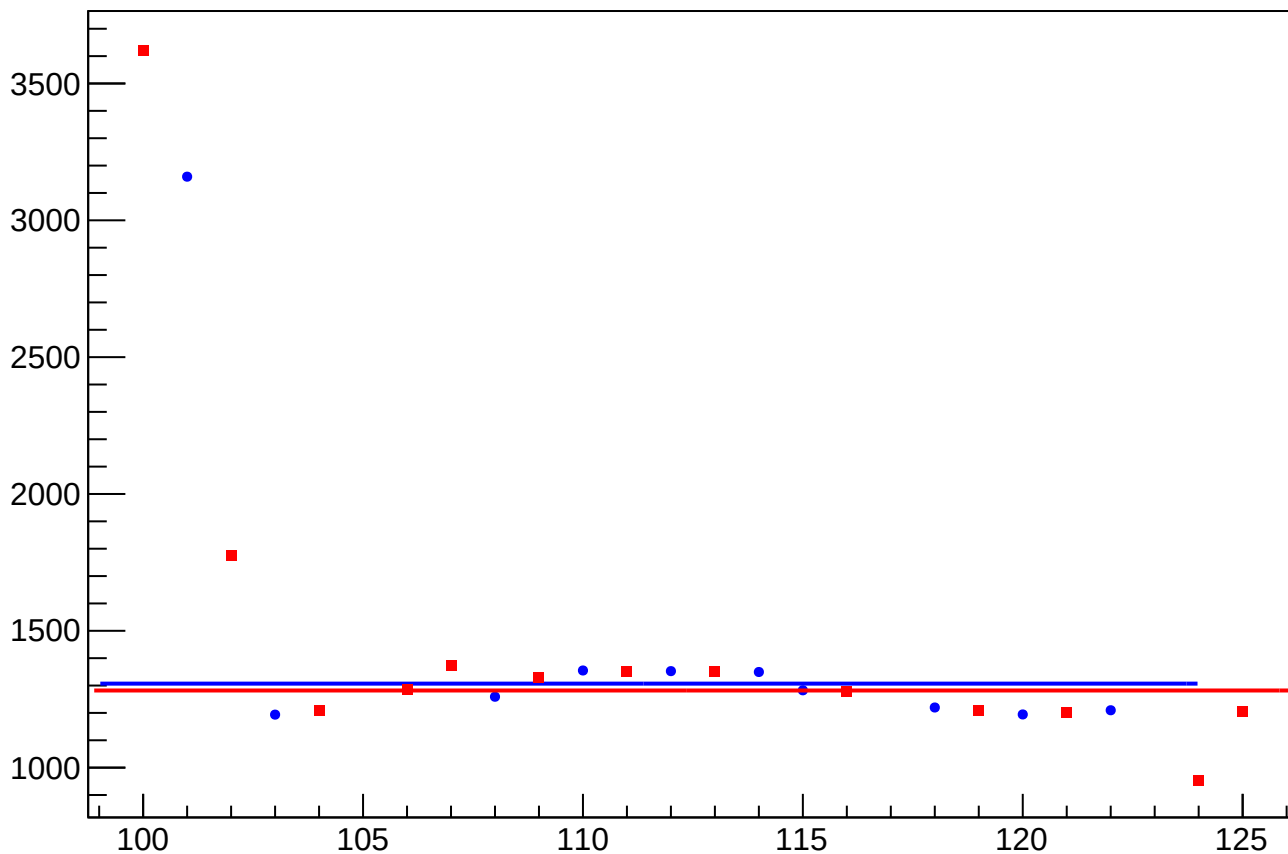
Right: -30.771+/-442.016 χ^2 /NDF: 27.6/22

In: 848.440+/-668.144 χ^2 /NDF:12.0/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -30.771+/-442.016 χ^2 /NDF: 27.6/22

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: 1281.922+/-0.417 χ^2/NDF : 198761.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

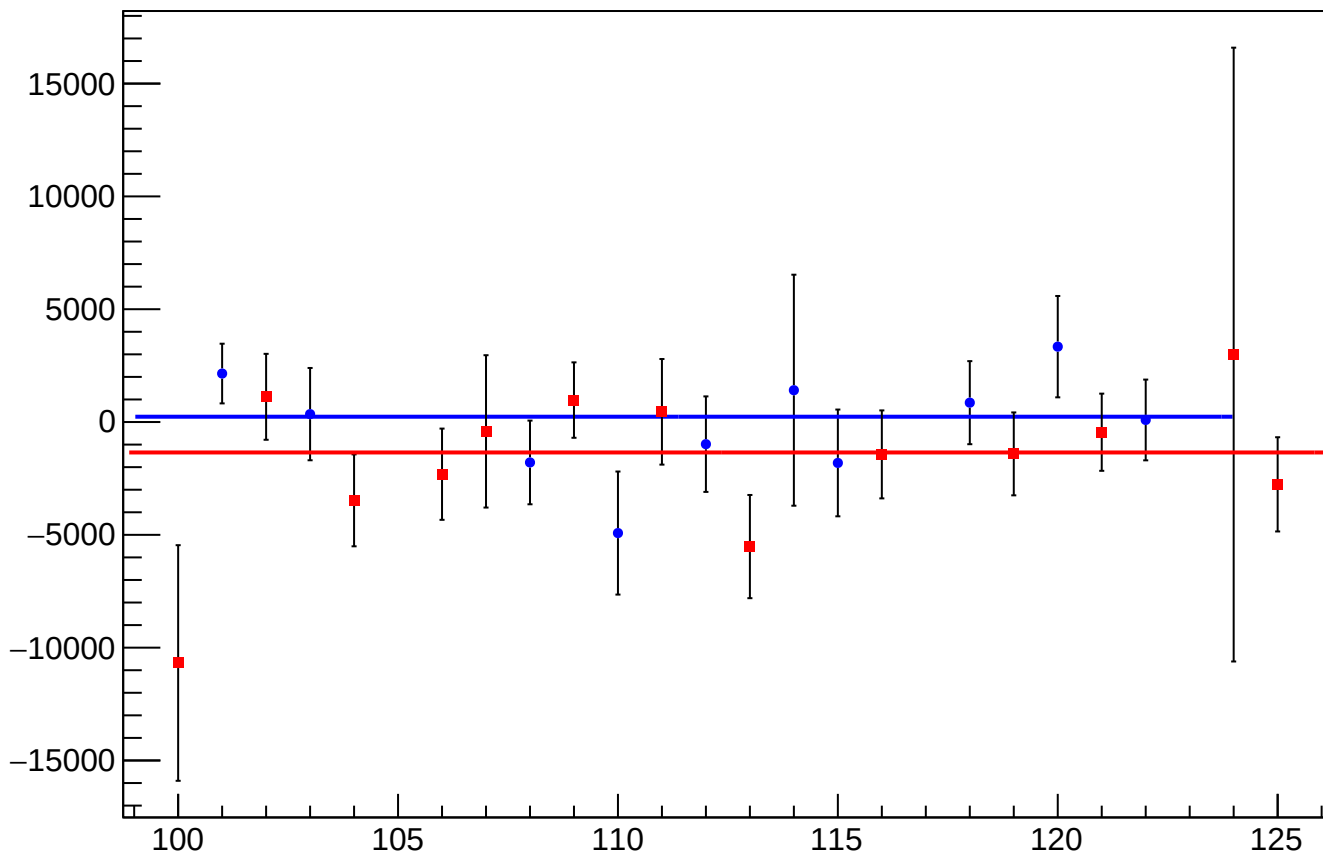
Right: 1292.897+/-0.313 χ^2/NDF : 682340.0/22

In: 1306.999+/-0.472 χ^2/NDF : 481994.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1292.897+/-0.313 χ^2/NDF : 682340.0/22

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: -1348.830+/-602.610 χ^2/NDF : 12.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

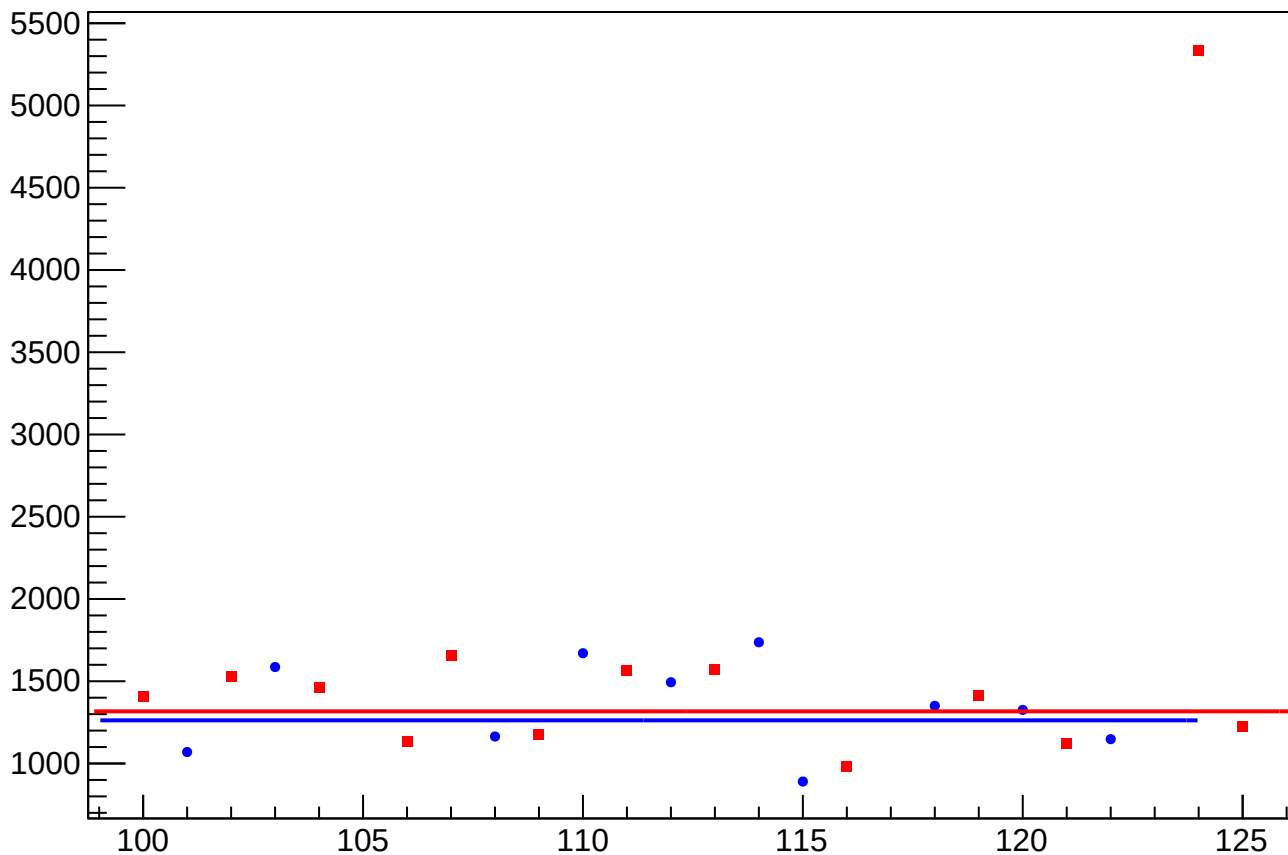
Right: -597.781+/-437.044 χ^2/NDF : 26.3/22

In: 235.626+/-634.792 χ^2/NDF :10.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -597.781+/-437.044 χ^2/NDF : 26.3/22

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: 1317.058+/-0.426 χ^2/NDF : 403902.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

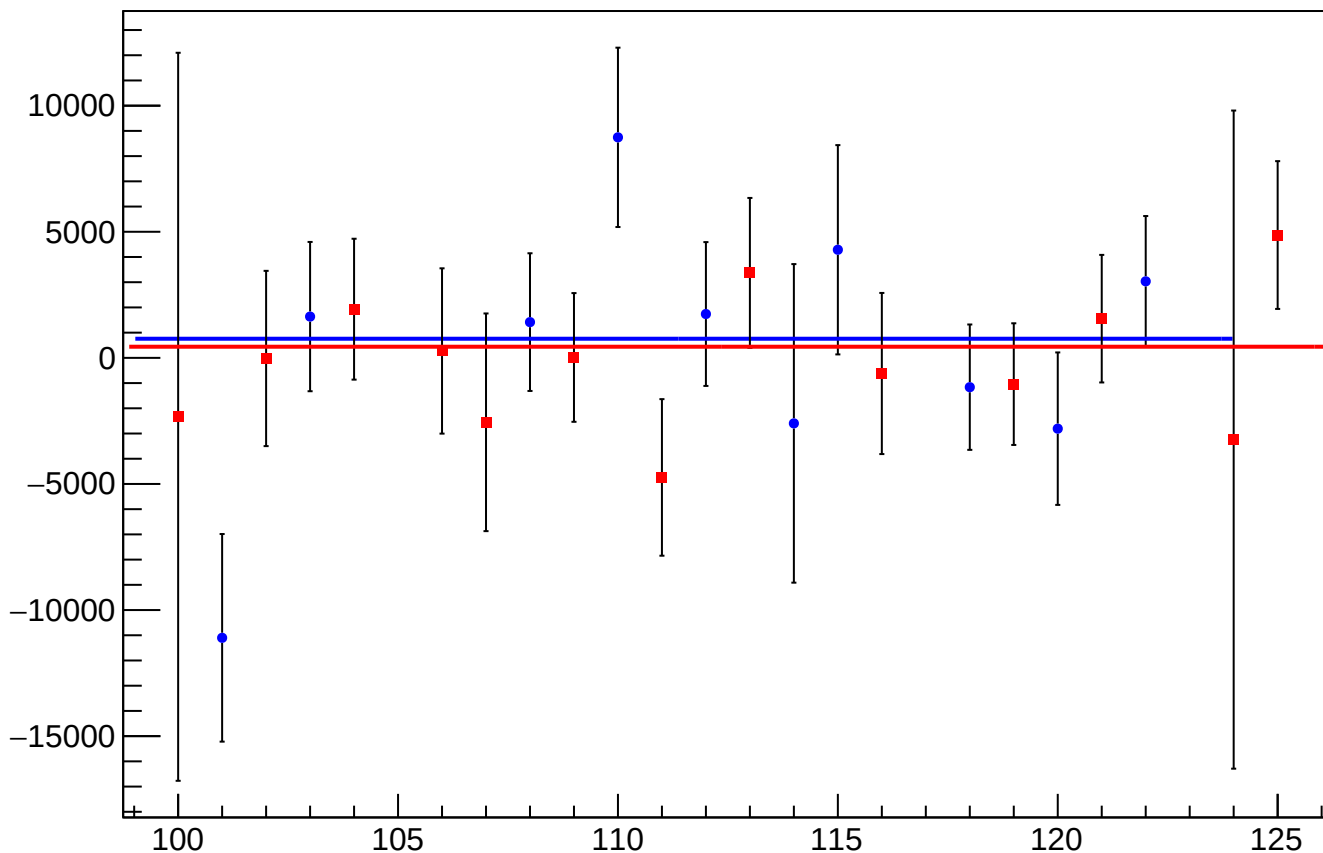
Right: 1291.105+/-0.309 χ^2/NDF : 659619.8/22

In: 1262.306+/-0.449 χ^2/NDF : 247891.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.105+/-0.309 χ^2/NDF : 659619.8/22

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: 441.958+/-883.288 χ^2/NDF : 7.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

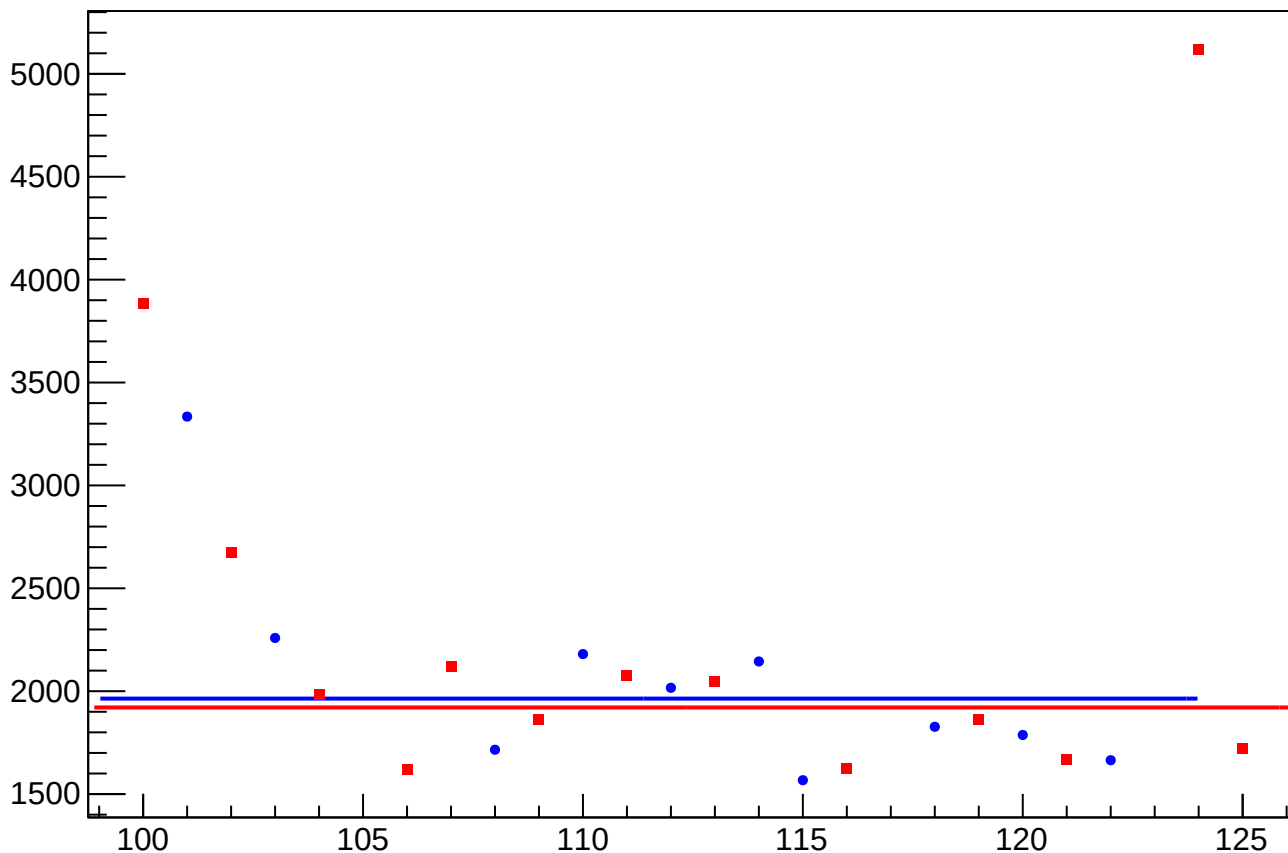
Right: 581.793+/-660.128 χ^2/NDF : 25.1/22

In: 758.713+/-993.530 χ^2/NDF :17.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 581.793+/-660.128 χ^2/NDF : 25.1/22

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: 1920.940+/-0.625 χ^2/NDF : 331073.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

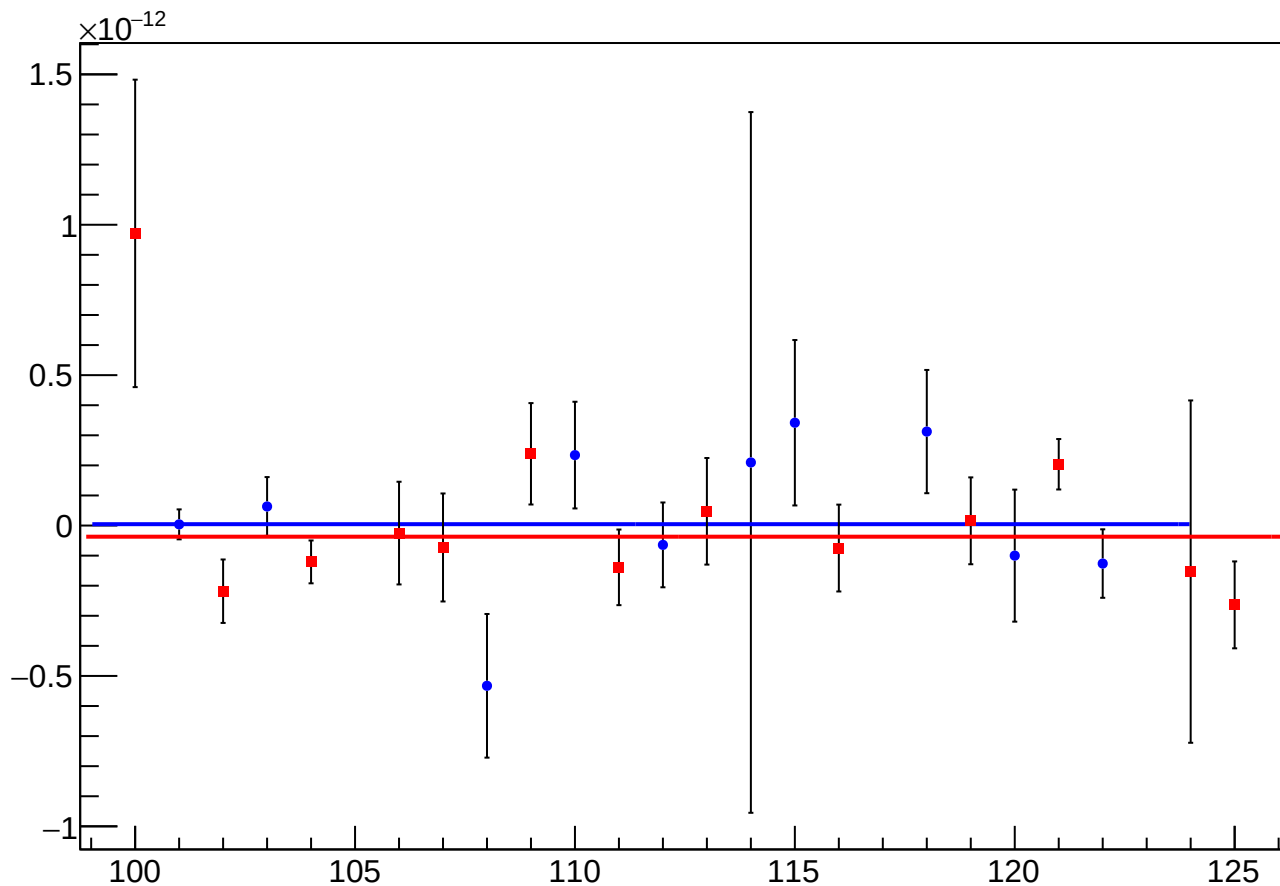
Right: 1939.978+/-0.467 χ^2/NDF : 658906.6/22

In: 1964.064+/-0.703 χ^2/NDF : 325728.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1939.978+/-0.467 χ^2/NDF : 658906.6/22

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 : 22.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

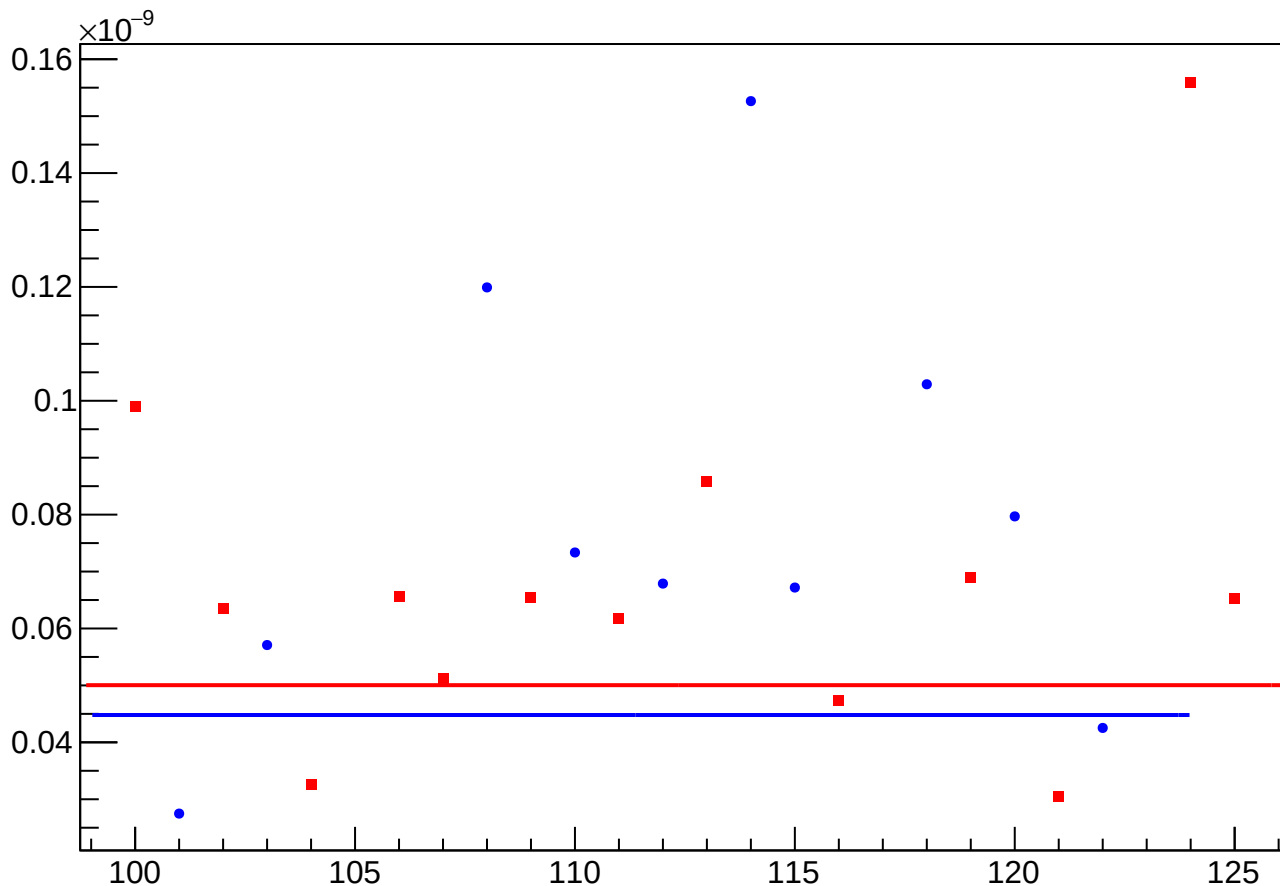
Right: -0.000+/-0.000 χ^2/NDF : 36.1/22

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 : 36.1/22

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 : 537777.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

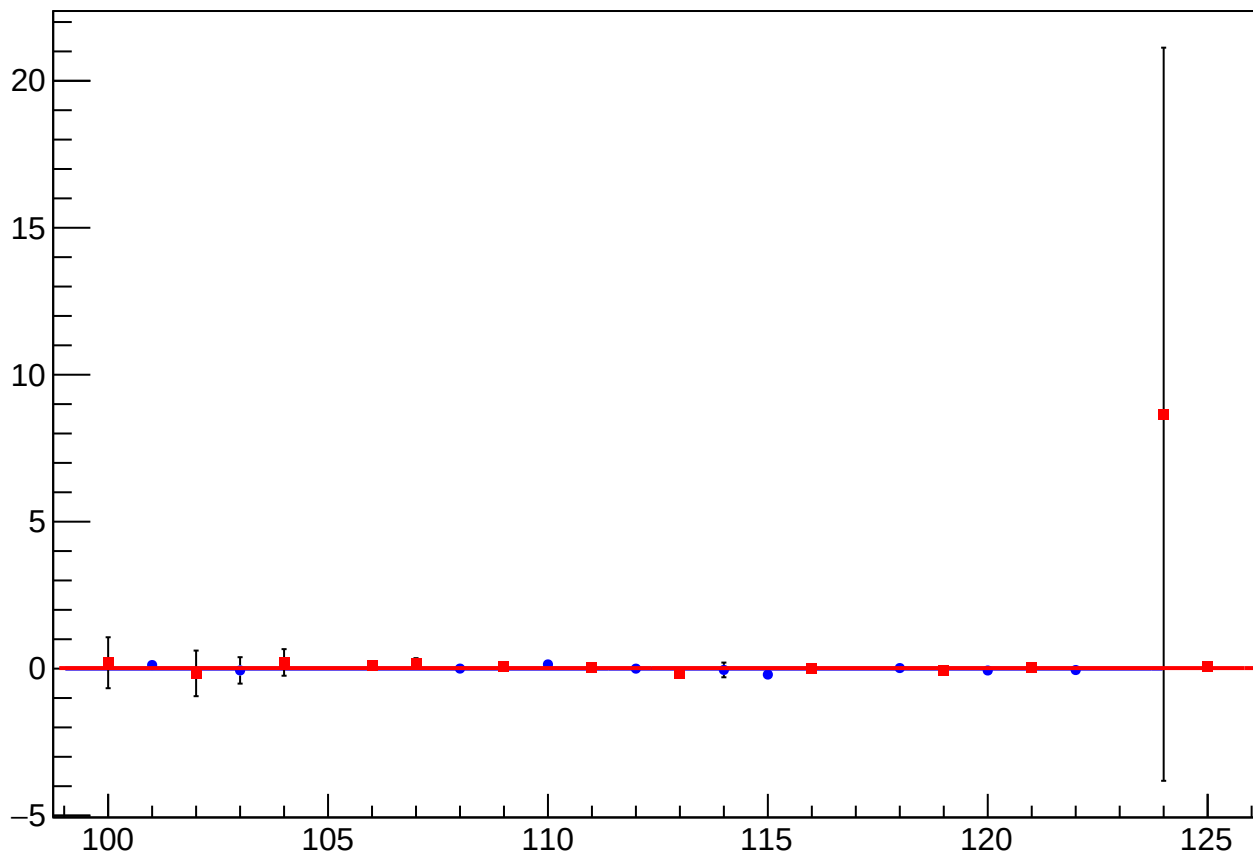
Right: 0.000+/-0.000 χ^2/NDF : 1377977.9/22

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 : 1377977.9/22

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: 0.018+/-0.023 χ^2/NDF : 10.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

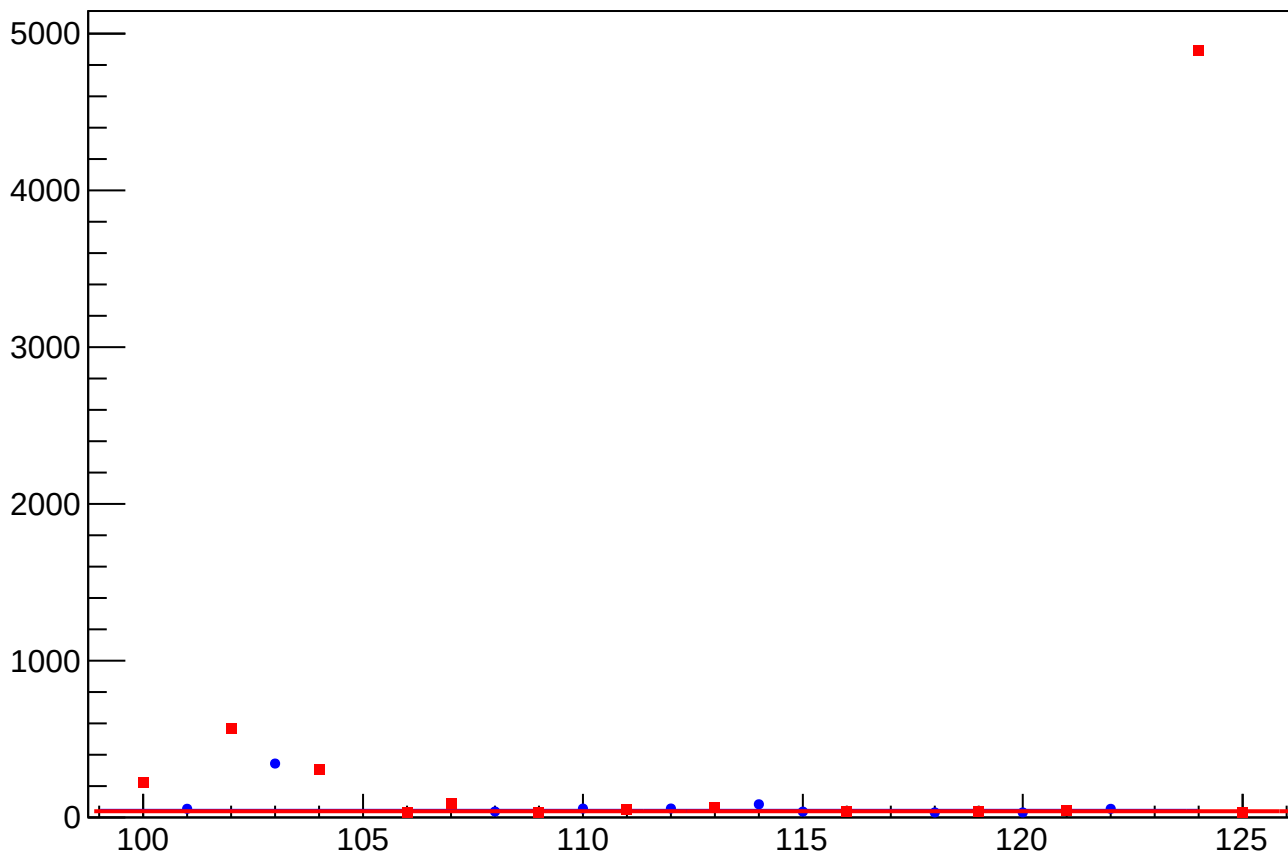
Right: 0.010+/-0.016 χ^2/NDF : 21.6/22

In: -0.000+/-0.024 χ^2/NDF : 10.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.016 χ^2/NDF : 21.6/22

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.272+/-0.017 χ^2/NDF : 1342978.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.665+/-0.016 χ^2/NDF : 2414038.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

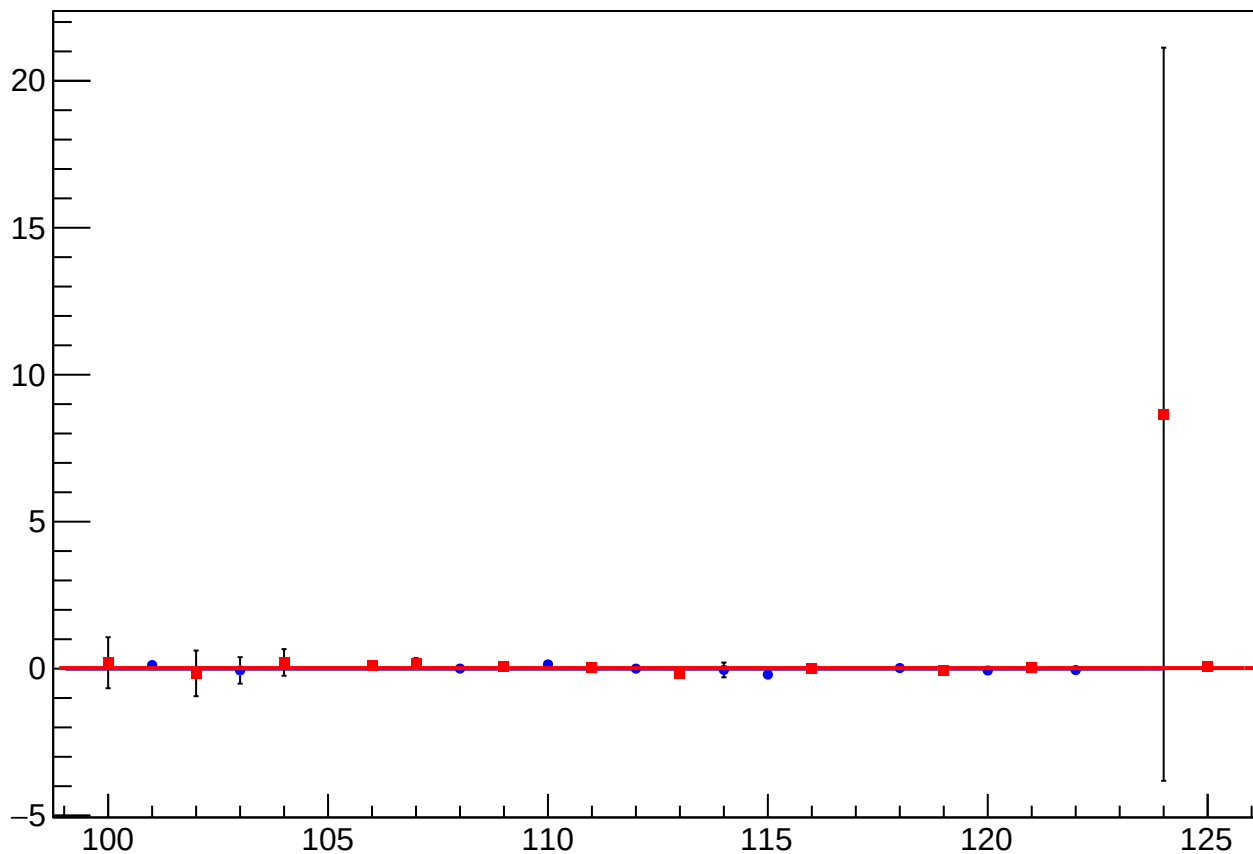
Right: 40.878+/-0.012 χ^2/NDF : 3769470.9/22

In: 42.272+/-0.017 χ^2/NDF : 1342978.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.878+/-0.012 χ^2/NDF : 3769470.9/22

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: 0.018+/-0.023 χ^2/NDF : 10.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

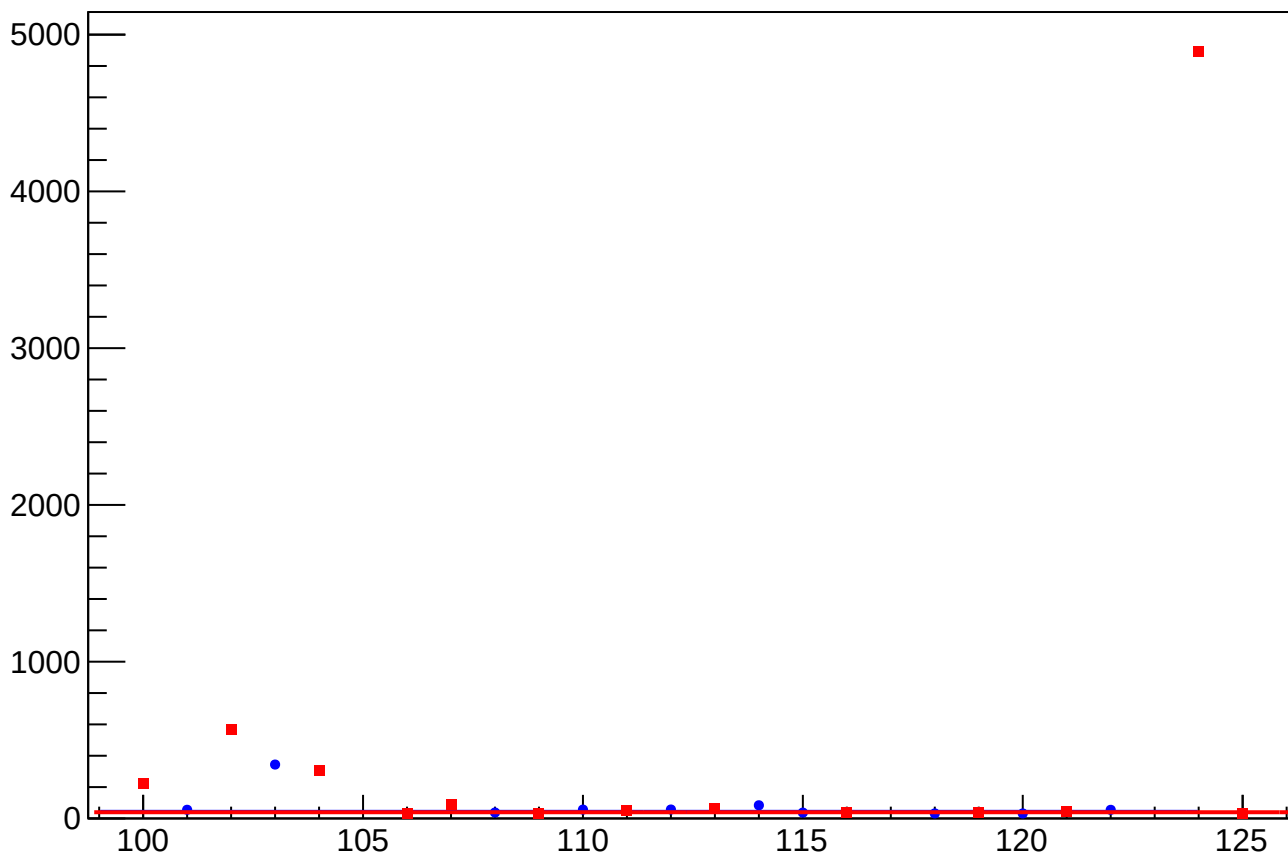
Right: 0.010+/-0.016 χ^2/NDF : 21.6/22

In: -0.000+/-0.024 χ^2/NDF : 10.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.016 χ^2/NDF : 21.6/22

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: 39.665+/-0.016 χ^2/NDF : 2414038.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

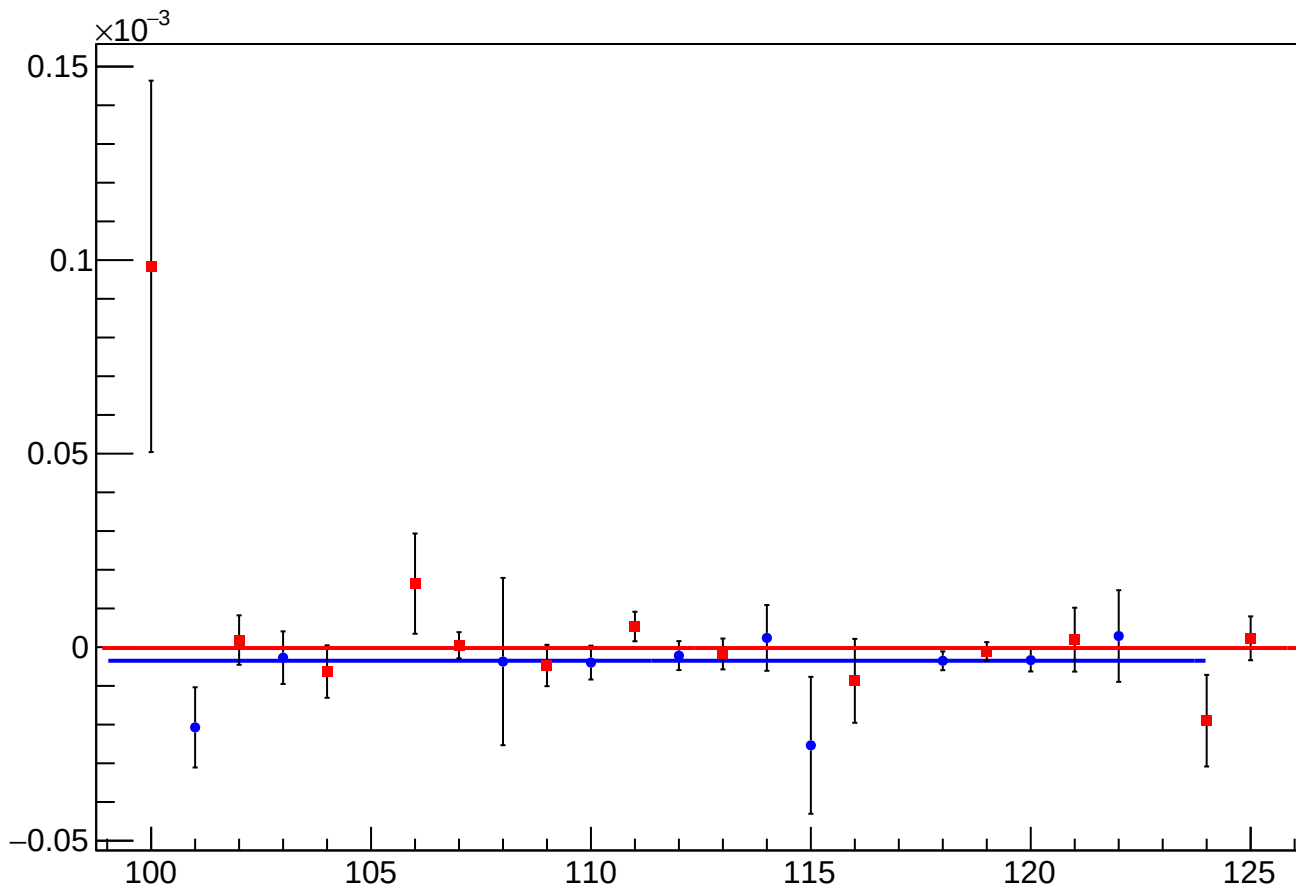
Right: 40.878+/-0.012 χ^2/NDF : 3769470.9/22

In: 42.272+/-0.017 χ^2/NDF : 1342978.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.878+/-0.012 χ^2/NDF : 3769470.9/22

asym_at1_dd_at2_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

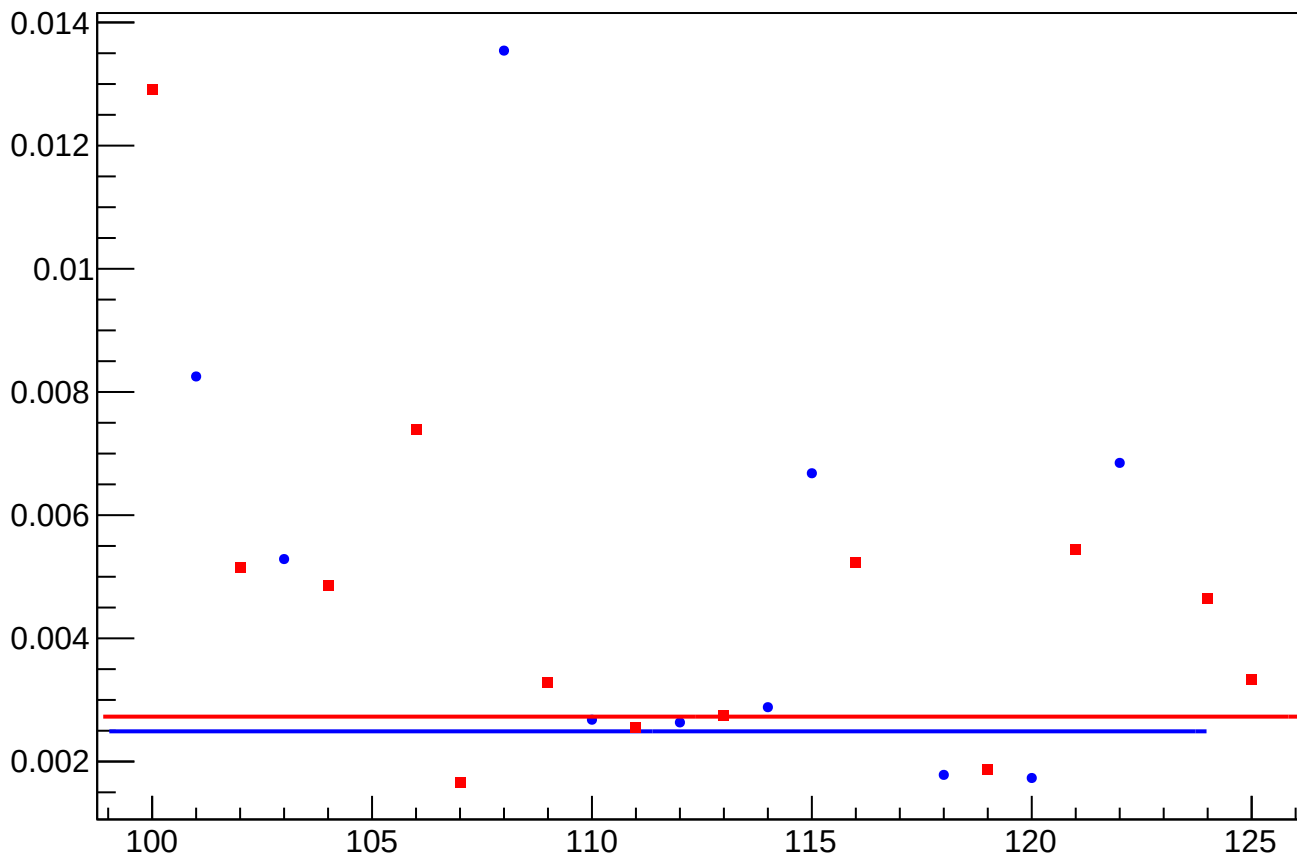
Right: -0.000+/-0.000 χ^2/NDF : 21.3/22

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 : 21.3/22

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 : 1707022.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

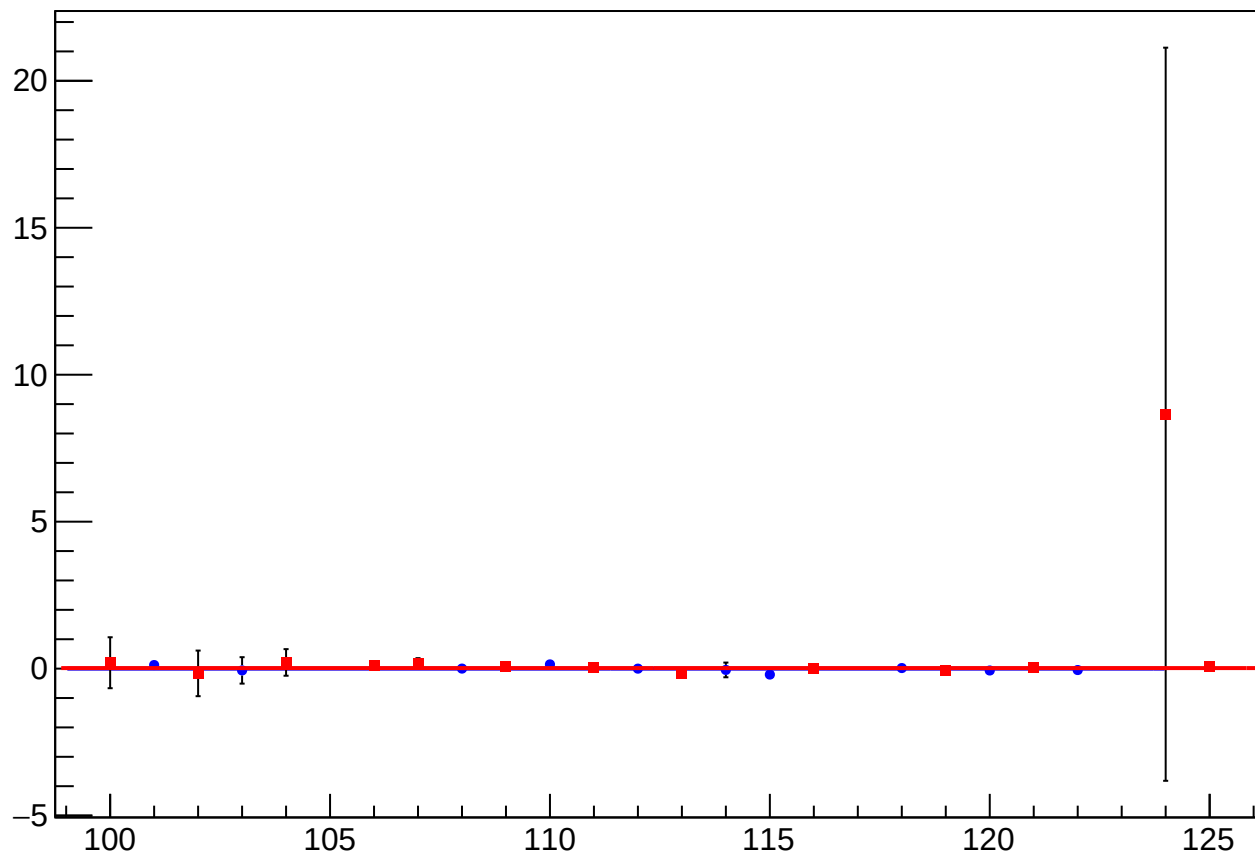
Right: 0.003+/-0.000 χ^2/NDF : 3912056.3/22

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 : 3912056.3/22

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: 0.018+/-0.023 χ^2/NDF : 10.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

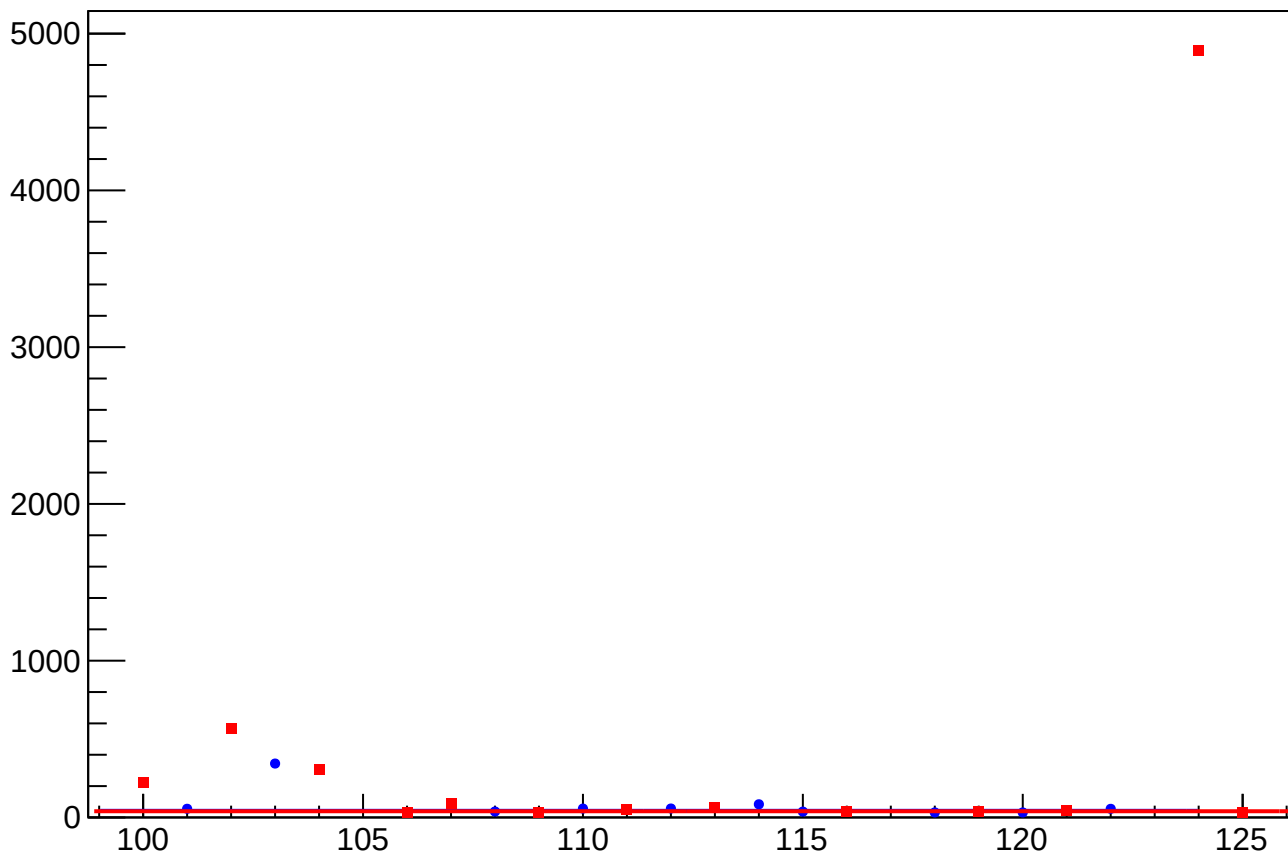
Right: 0.010+/-0.016 χ^2/NDF : 21.6/22

In: -0.000+/-0.024 χ^2/NDF : 10.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.016 χ^2/NDF : 21.6/22

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: 39.665+/-0.016 χ^2/NDF : 2414078.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

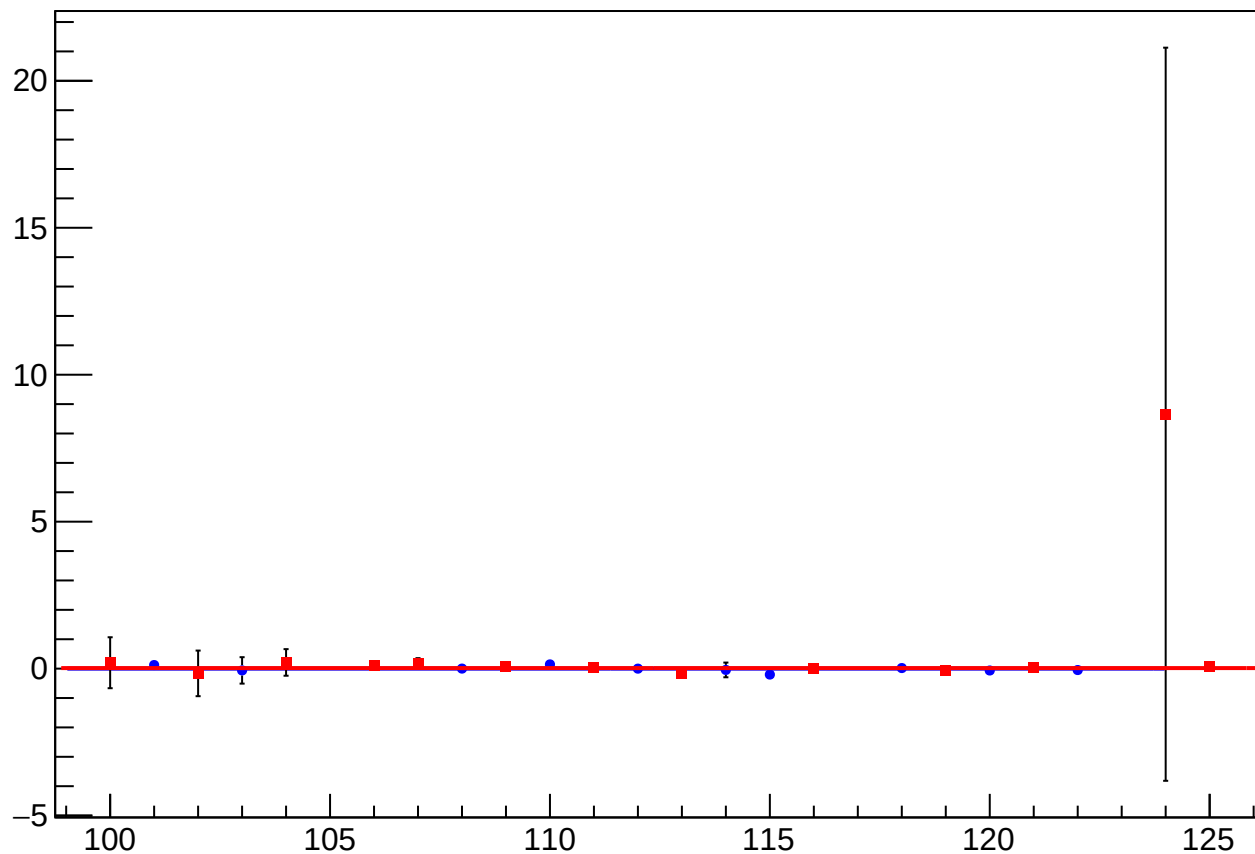
Right: 40.878+/-0.012 χ^2/NDF : 3769524.9/22

In: 42.274+/-0.017 χ^2/NDF : 1342971.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.878+/-0.012 χ^2/NDF : 3769524.9/22

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: 0.018+/-0.023 χ^2/NDF : 10.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

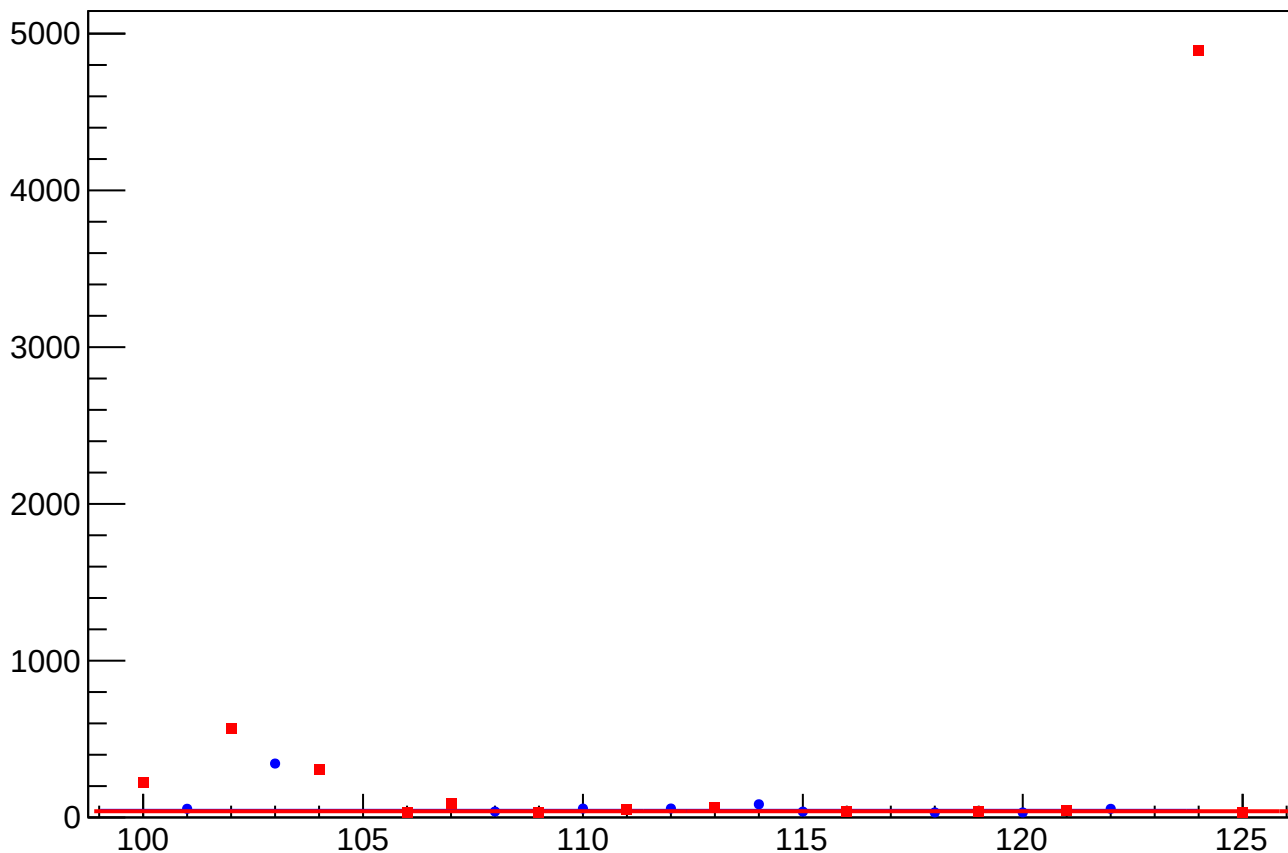
Right: 0.010+/-0.016 χ^2/NDF : 21.6/22

In: -0.000+/-0.024 χ^2/NDF : 10.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.016 χ^2/NDF : 21.6/22

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: 39.665+/-0.016 χ^2 /NDF: 2414078.6/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

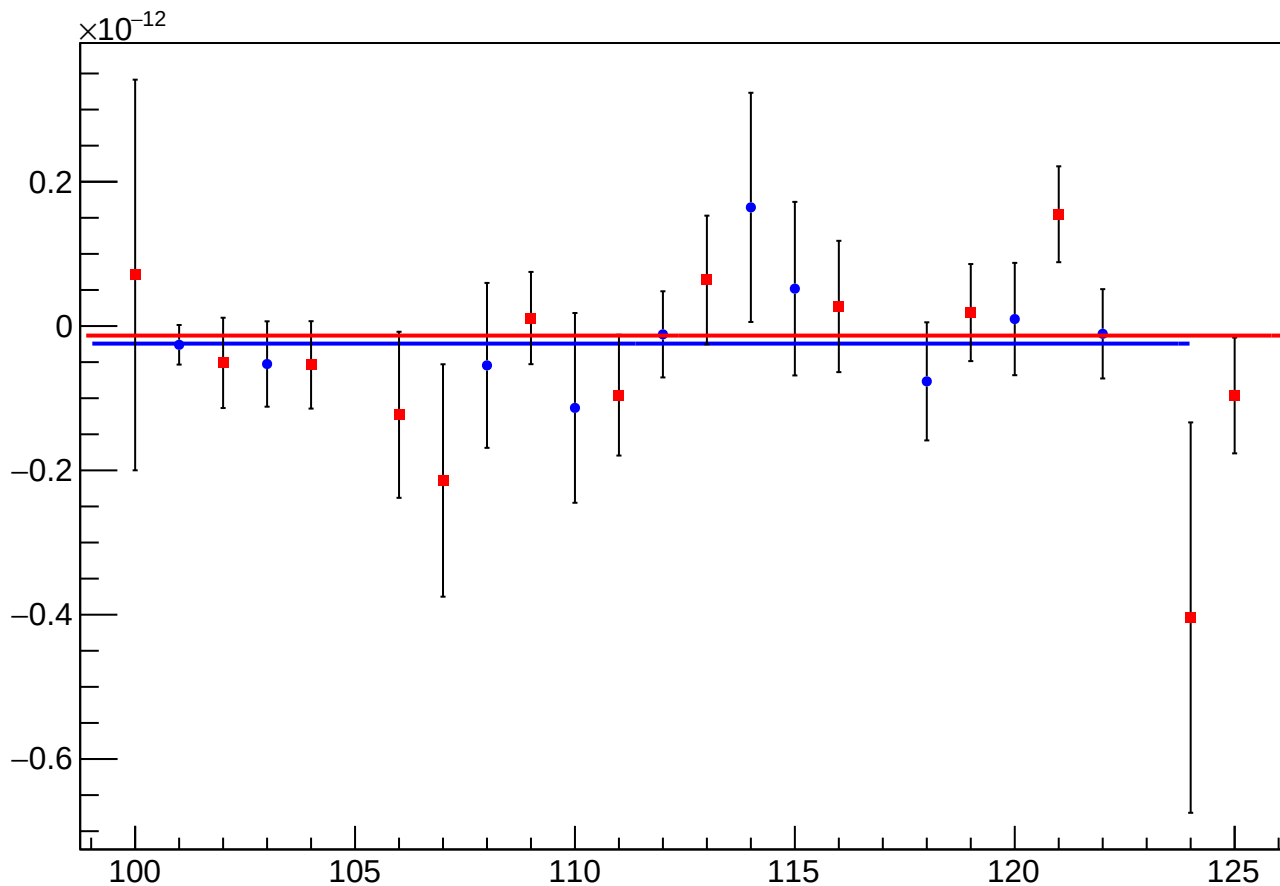
Right: 40.878+/-0.012 χ^2 /NDF: 3769524.9/22

In: 42.274+/-0.017 χ^2 /NDF:1342971.8/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 40.878+/-0.012 χ^2 /NDF: 3769524.9/22

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 : 15.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

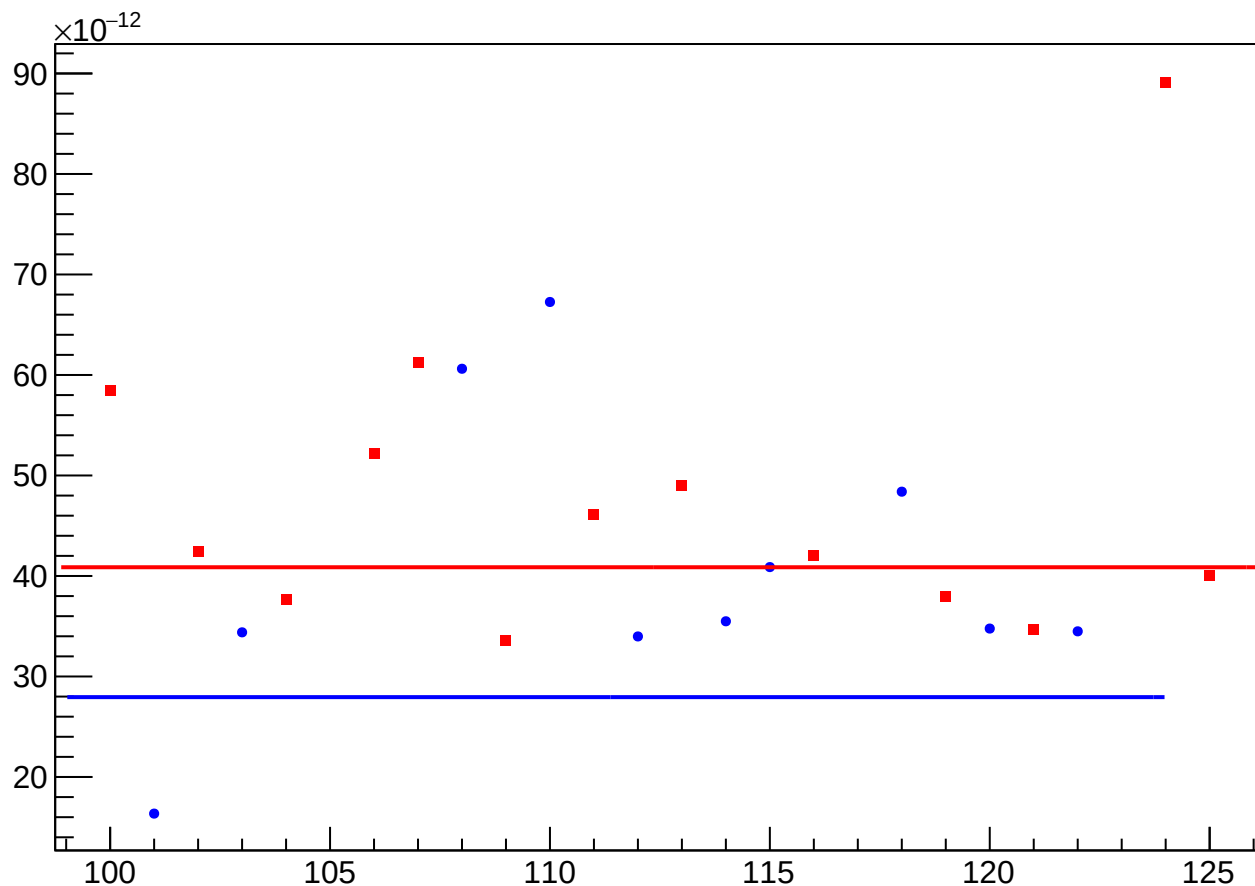
Right: -0.000+/-0.000 χ^2/NDF : 18.6/22

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 : 18.6/22

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 : 202514.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

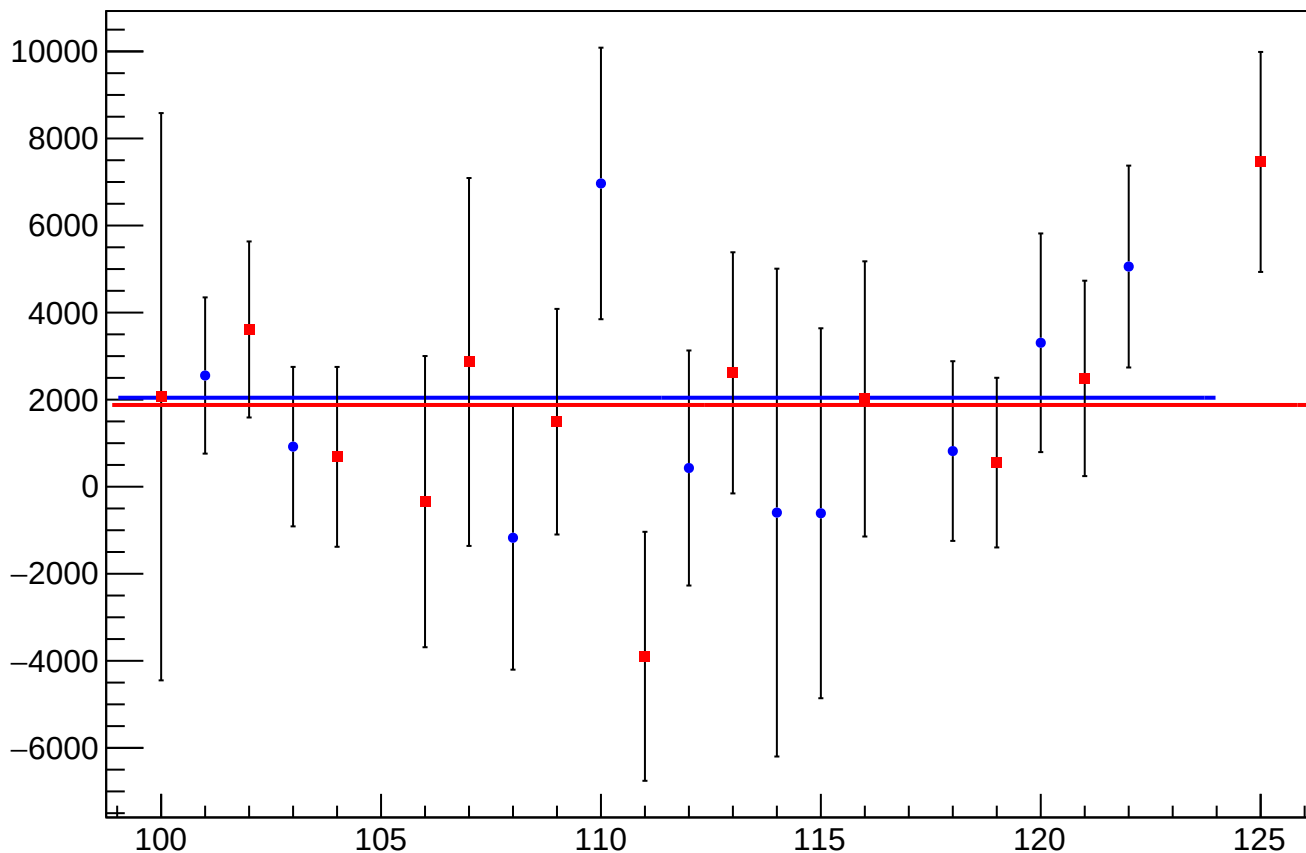
Right: 0.000+/-0.000 χ^2/NDF : 1510065.3/22

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 : 1510065.3/22

reg_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2043.985+/-784.746 χ^2/NDF : 7.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1877.775+/-752.127 χ^2/NDF : 11.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

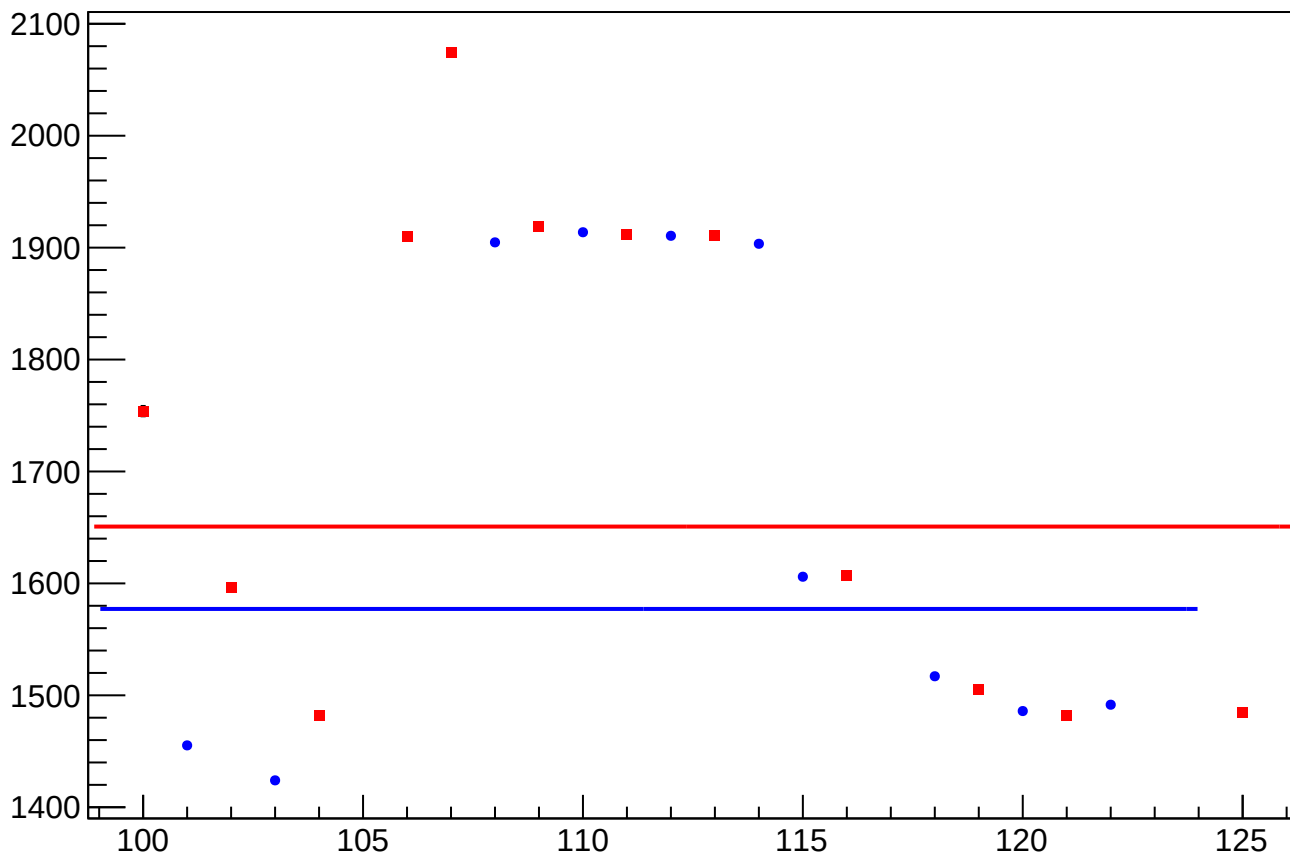
Right: 1957.354+/-542.999 χ^2/NDF : 18.5/21

In: 2043.985+/-784.746 χ^2/NDF : 7.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1957.354+/-542.999 χ^2/NDF : 18.5/21

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: 1650.775+/-0.532 χ^2/NDF : 134640.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

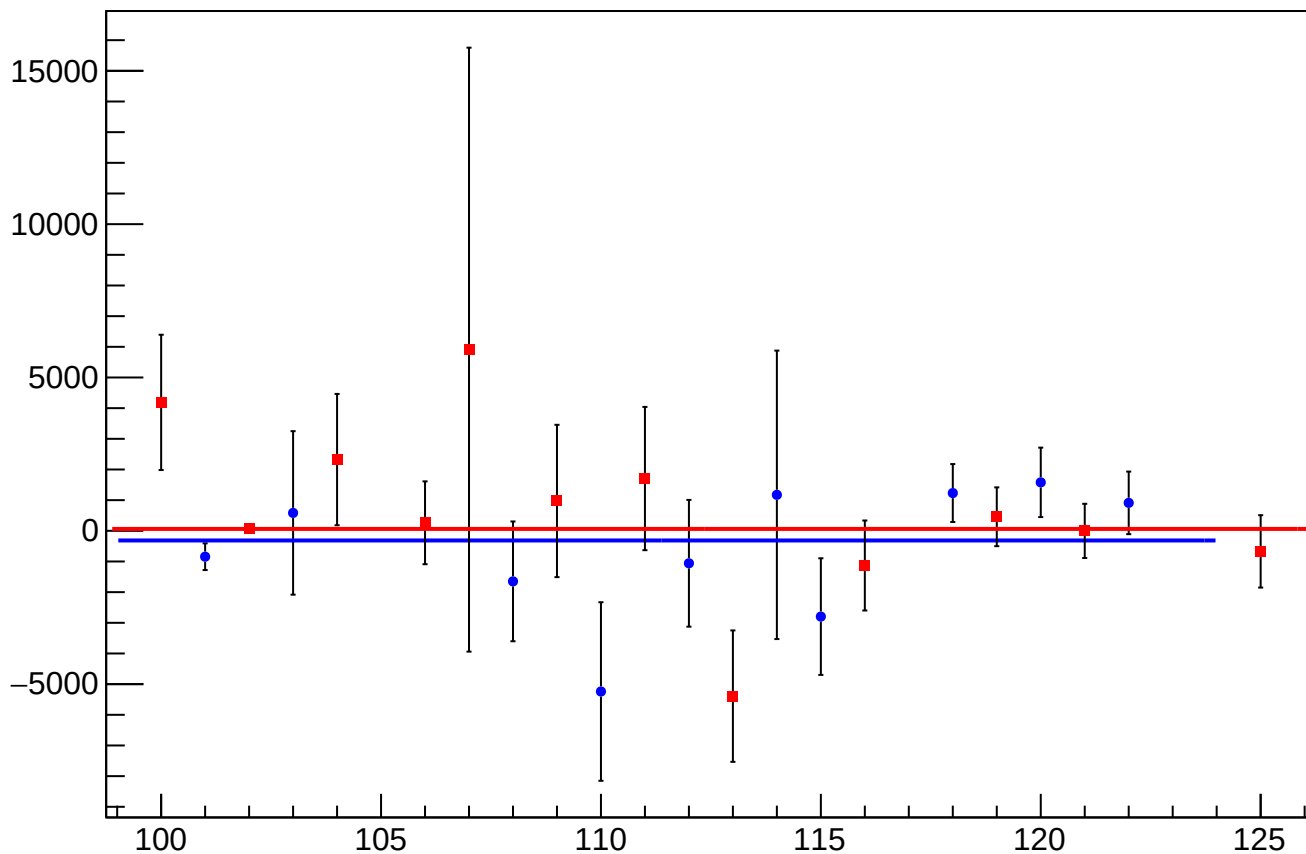
Right: 1615.538+/-0.384 χ^2/NDF : 258103.1/21

In: 1577.178+/-0.555 χ^2/NDF : 114293.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1615.538+/-0.384 χ^2/NDF : 258103.1/21

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: 61.883+/-131.528 χ^2/NDF : 13.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

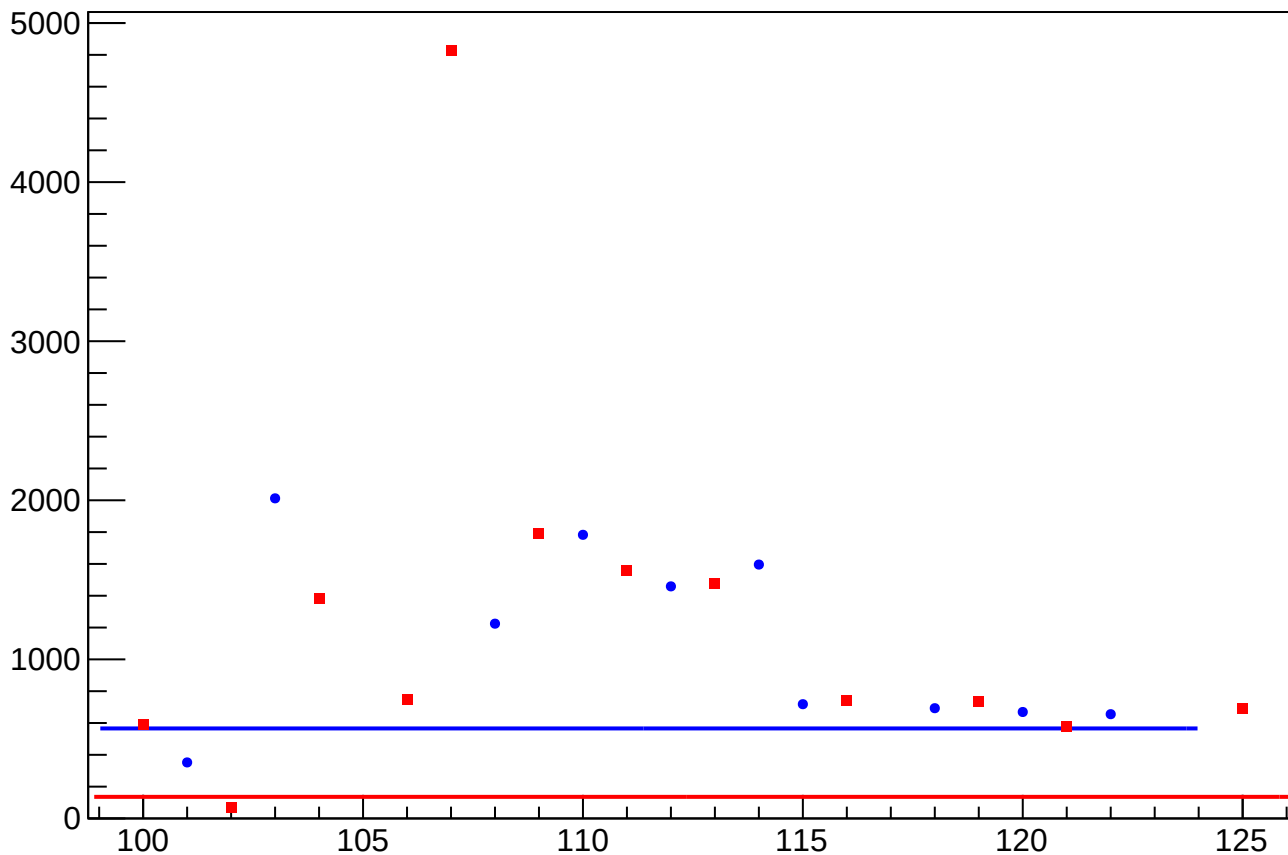
Right: 10.103+/-122.155 χ^2/NDF : 28.2/21

In: -314.831+/-329.485 χ^2/NDF :13.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 10.103+/-122.155 χ^2/NDF : 28.2/21

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: 135.787+/-0.093 χ^2/NDF : 6574278.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

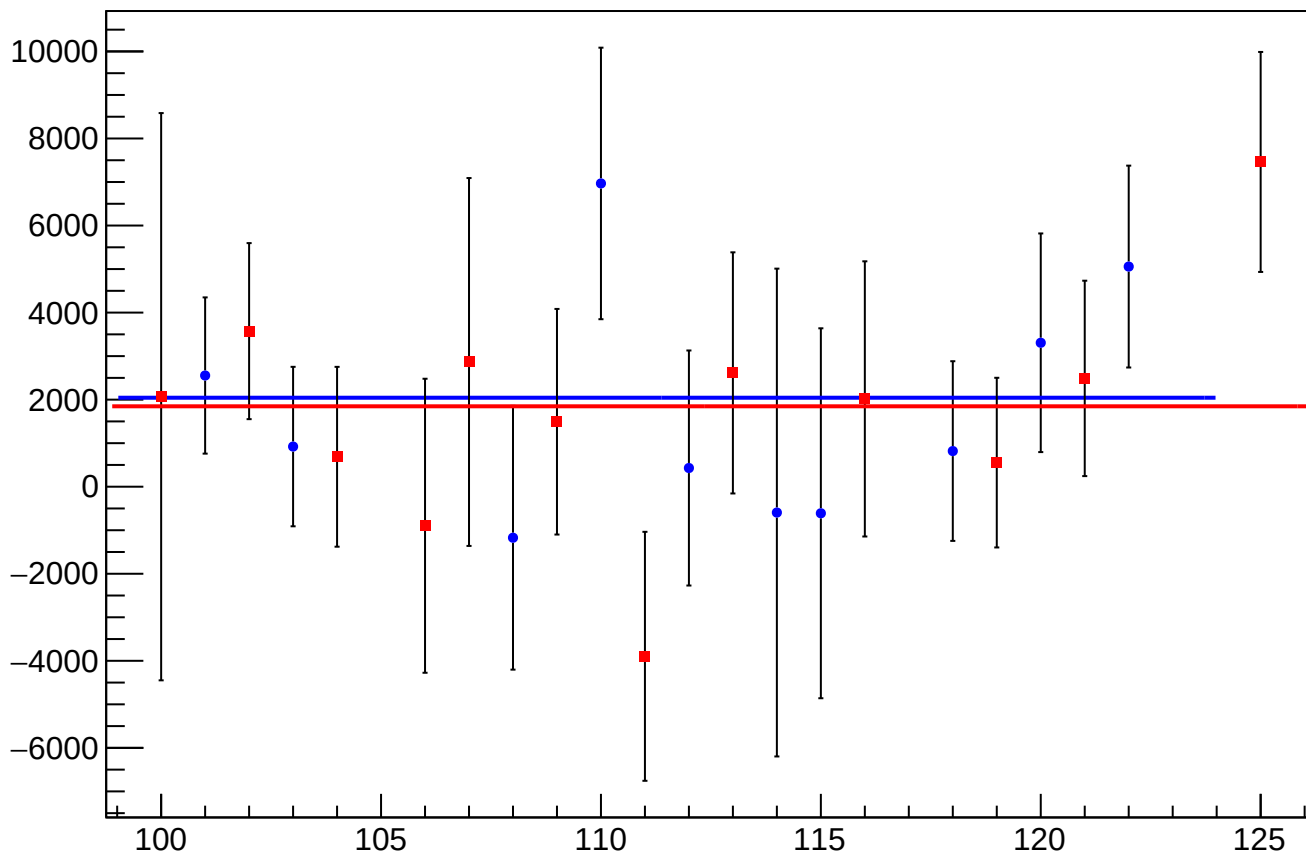
Right: 194.897+/-0.086 χ^2/NDF : 11710723.0/21

In: 565.830+/-0.233 χ^2/NDF :2197673.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 194.897+/-0.086 χ^2/NDF : 11710723.0/21

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: 1847.065+/-752.503 χ^2/NDF : 11.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

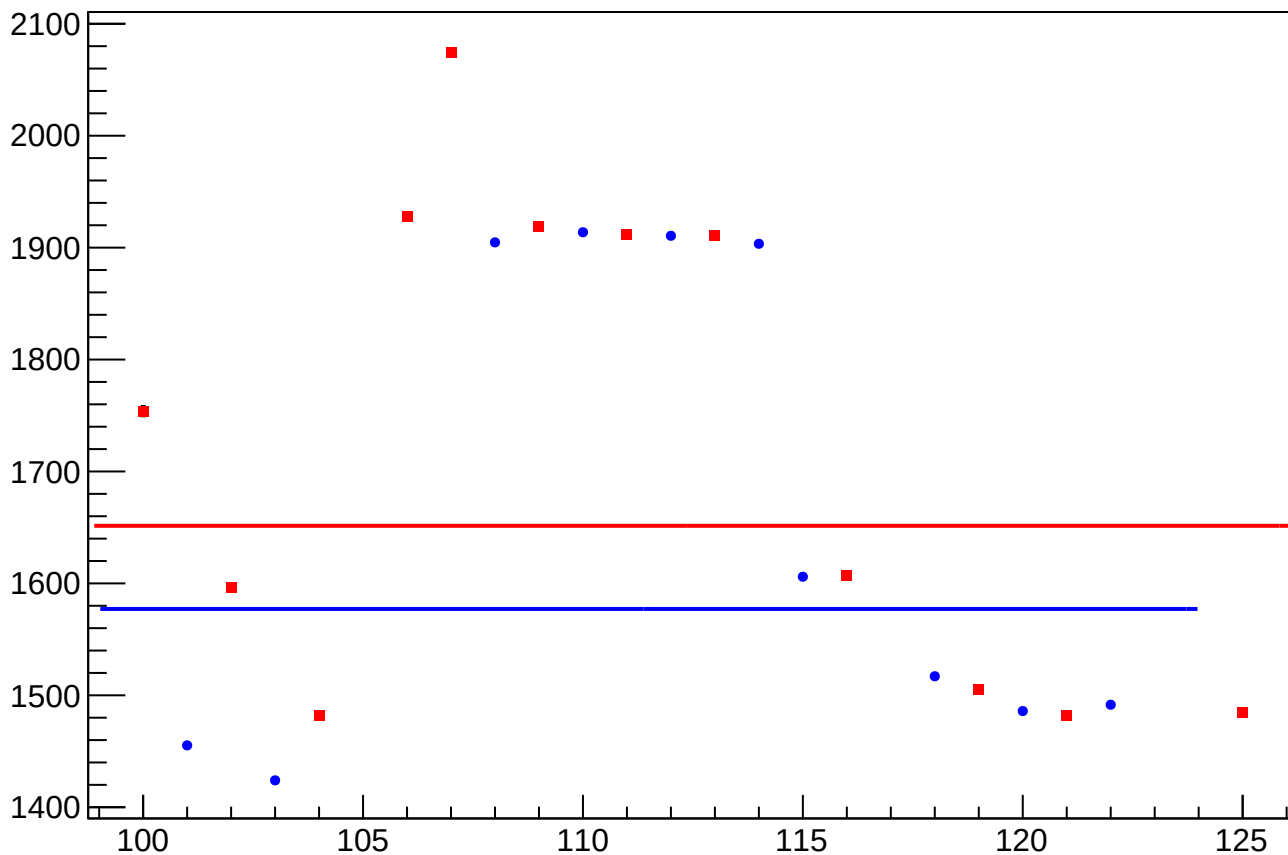
Right: 1941.522+/-543.141 χ^2/NDF : 18.7/21

In: 2044.247+/-784.746 χ^2/NDF : 7.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1941.522+/-543.141 χ^2/NDF : 18.7/21

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: 1651.465+/-0.532 χ^2/NDF : 136124.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

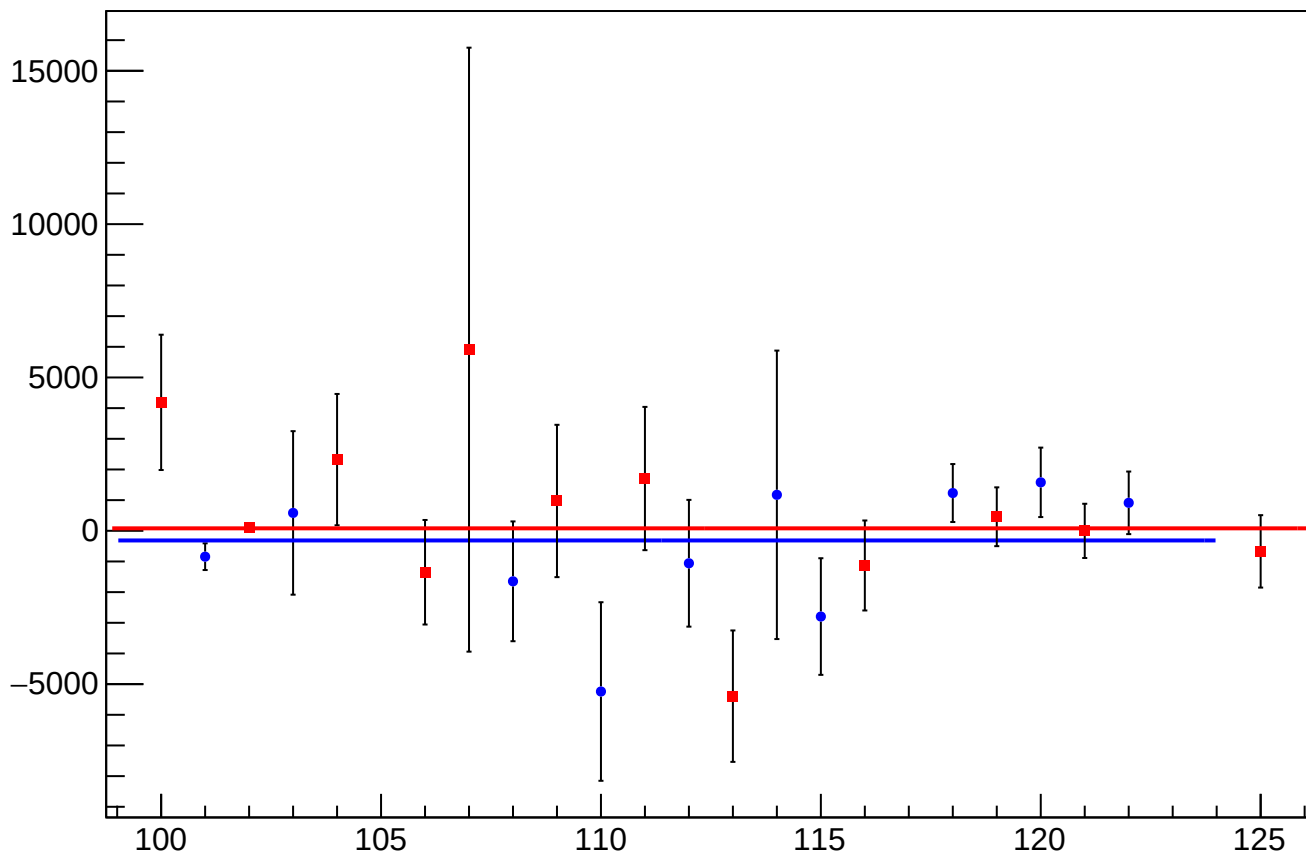
Right: 1615.879+/-0.384 χ^2/NDF : 259754.6/21

In: 1577.178+/-0.555 χ^2/NDF : 114293.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1615.879+/-0.384 χ^2/NDF : 259754.6/21

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: 80.215+/-143.020 χ^2/NDF : 14.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

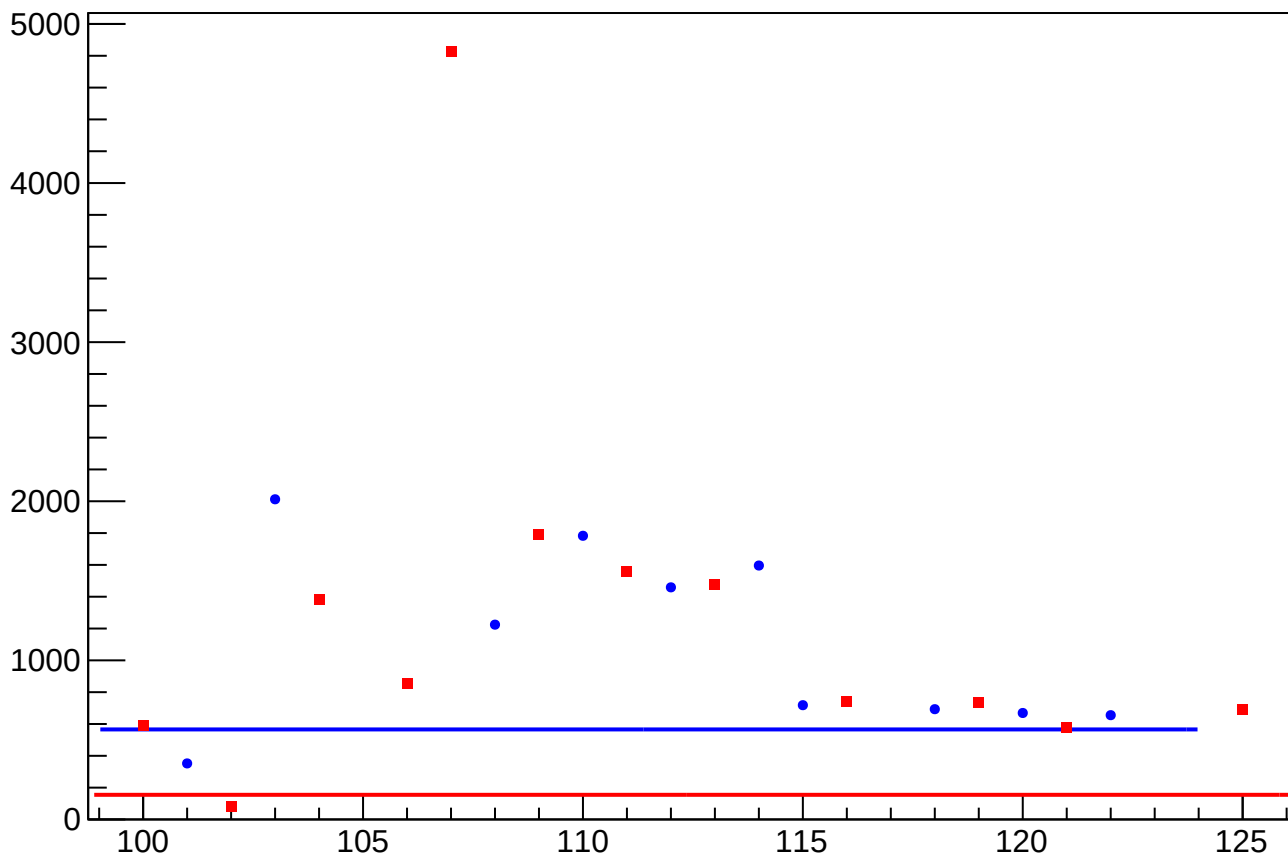
Right: 17.593+/-131.193 χ^2/NDF : 29.0/21

In: -314.769+/-329.484 χ^2/NDF :13.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 17.593+/-131.193 χ^2/NDF : 29.0/21

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: 154.858+/-0.101 χ^2/NDF : 6298055.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

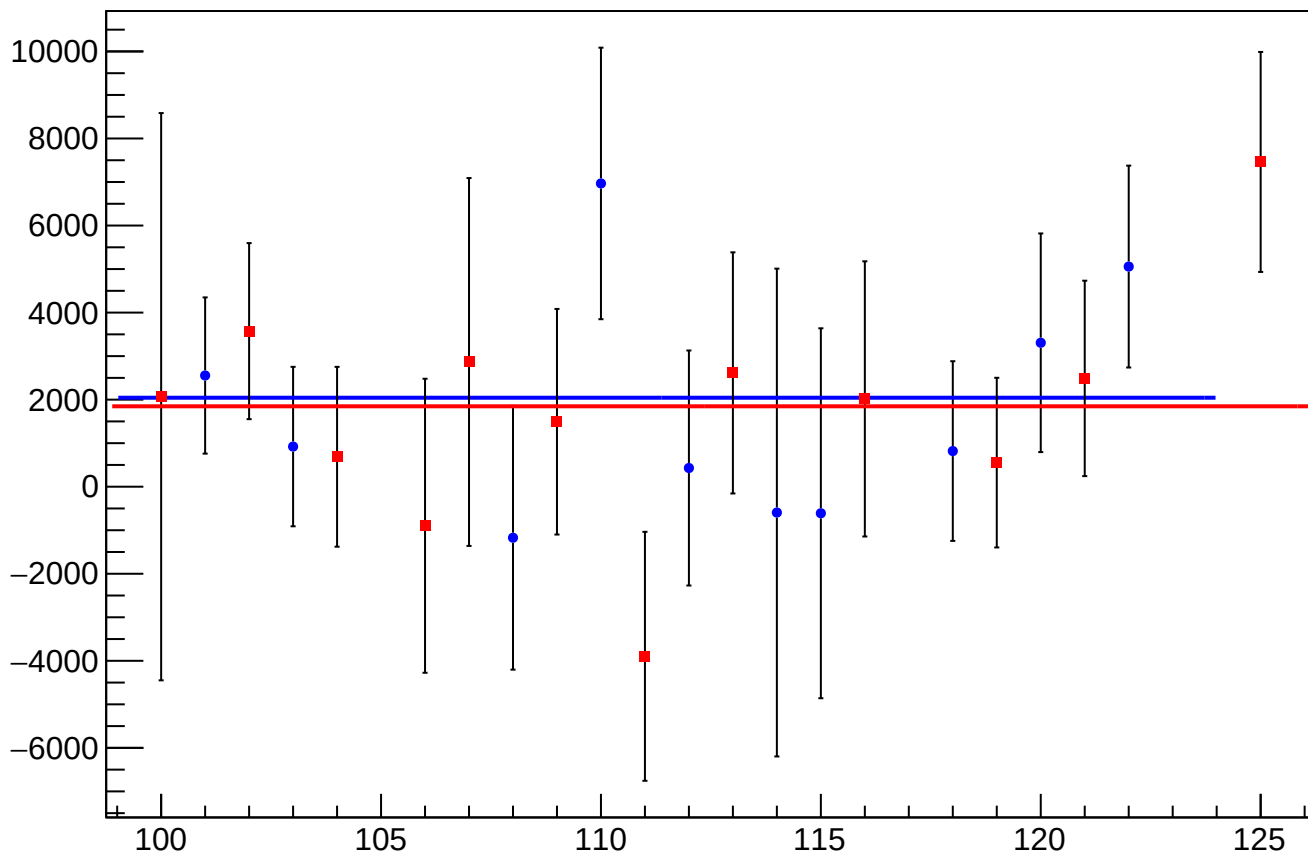
Right: 220.015+/-0.093 χ^2/NDF : 11113979.9/21

In: 565.826+/-0.233 χ^2/NDF : 2197689.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 220.015+/-0.093 χ^2/NDF : 11113979.9/21

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: 1847.065+/-752.503 χ^2/NDF : 11.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

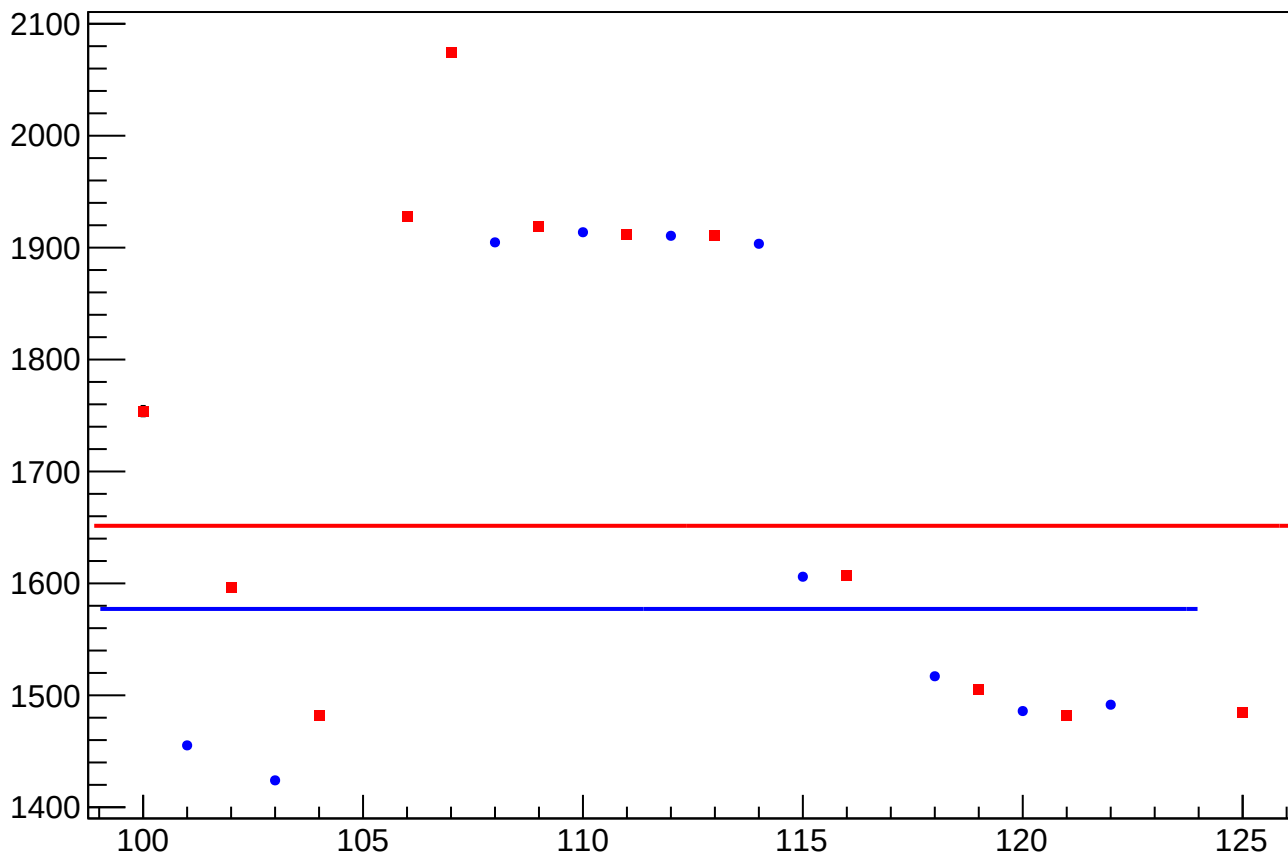
Right: 1941.522+/-543.141 χ^2/NDF : 18.7/21

In: 2044.247+/-784.746 χ^2/NDF : 7.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1941.522+/-543.141 χ^2/NDF : 18.7/21

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: 1651.465+/-0.532 χ^2/NDF : 136124.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

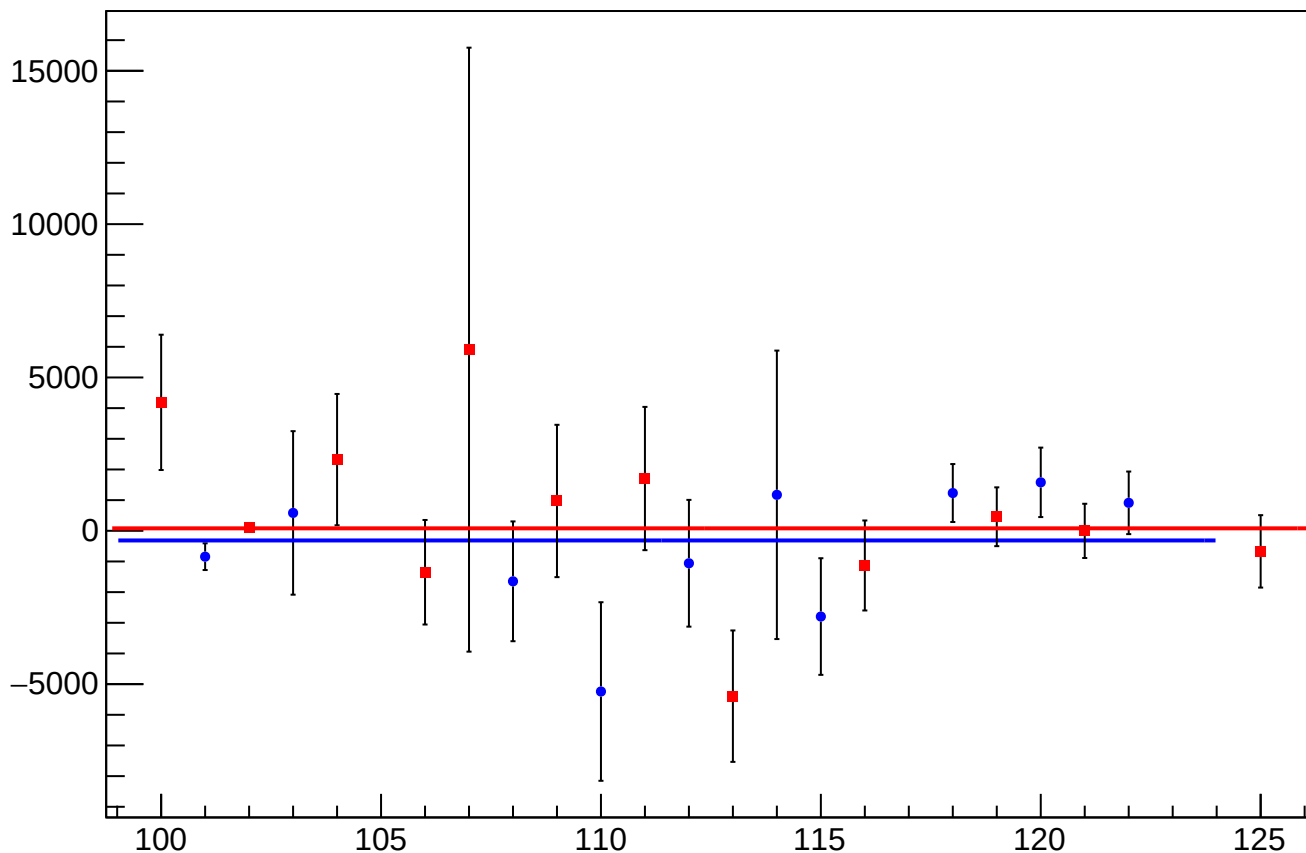
Right: 1615.879+/-0.384 χ^2/NDF : 259754.6/21

In: 1577.178+/-0.555 χ^2/NDF : 114293.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1615.879+/-0.384 χ^2/NDF : 259754.6/21

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: 80.215+/-143.020 χ^2/NDF : 14.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

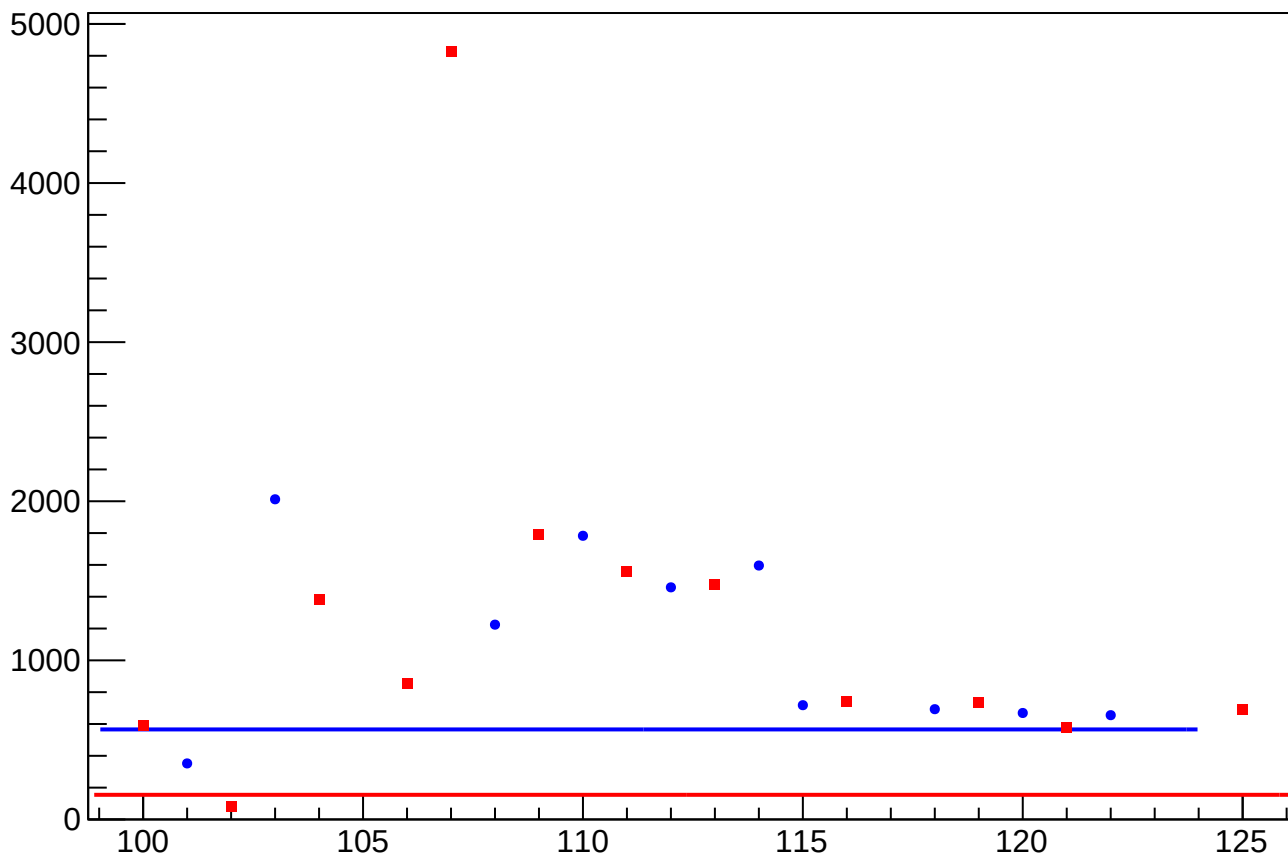
Right: 17.593+/-131.193 χ^2/NDF : 29.0/21

In: -314.769+/-329.484 χ^2/NDF : 13.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.593+/-131.193 χ^2/NDF : 29.0/21

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: 154.858+/-0.101 χ^2/NDF : 6298055.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

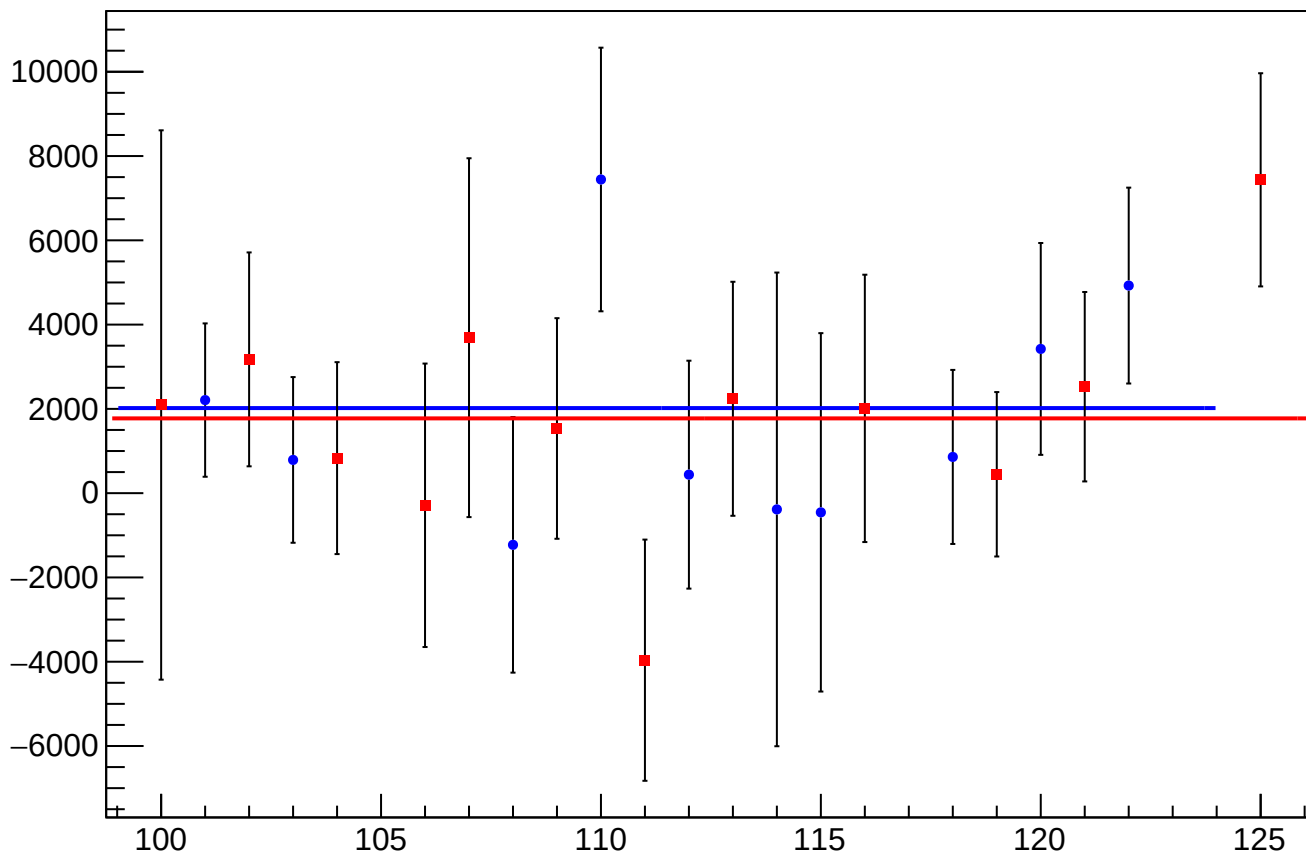
Right: 220.015+/-0.093 χ^2/NDF : 11113979.9/21

In: 565.826+/-0.233 χ^2/NDF : 2197689.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 220.015+/-0.093 χ^2/NDF : 11113979.9/21

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: 1774.437+/-783.433 χ^2/NDF : 10.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

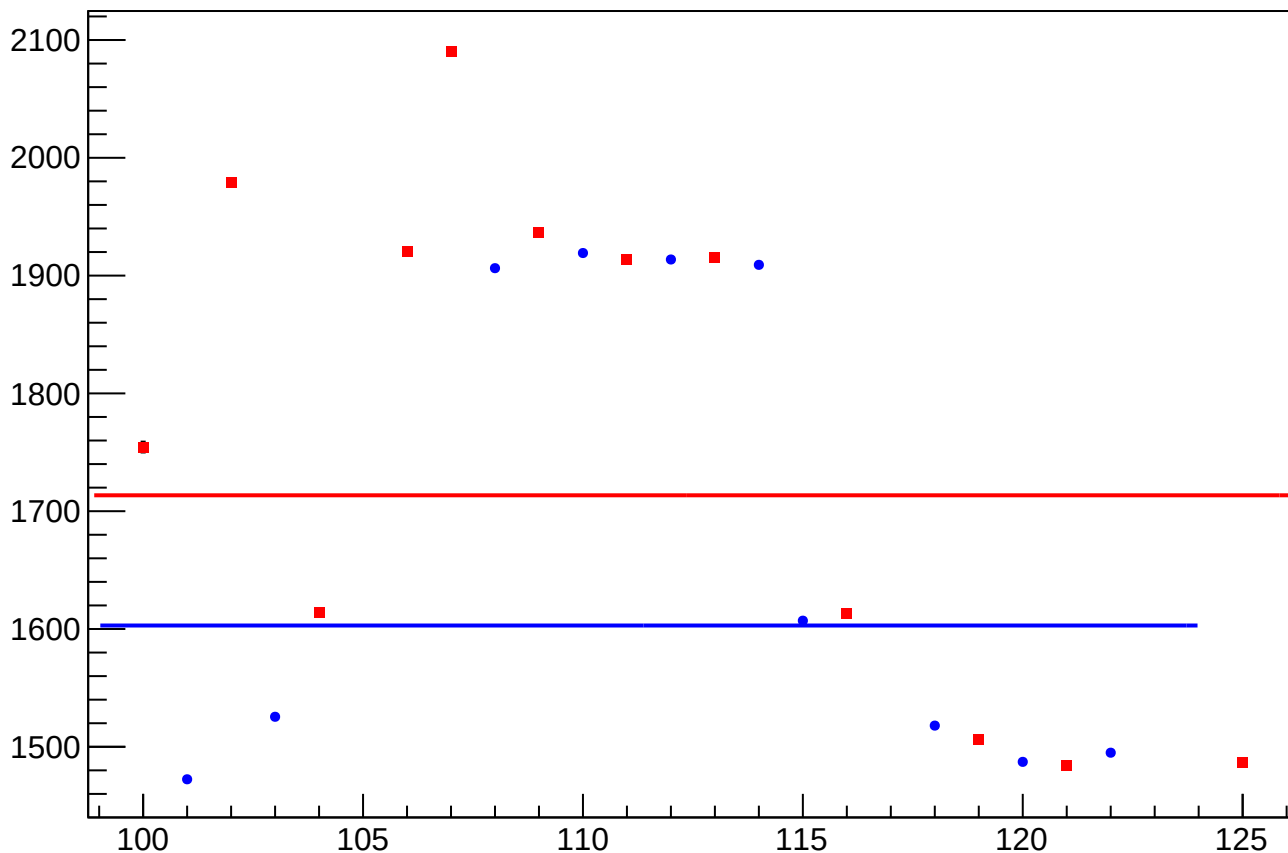
Right: 1894.624+/-558.797 χ^2/NDF : 18.4/21

In: 2019.093+/-797.264 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1894.624+/-558.797 χ^2/NDF : 18.4/21

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: 1713.498+/-0.554 χ^2/NDF : 145490.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

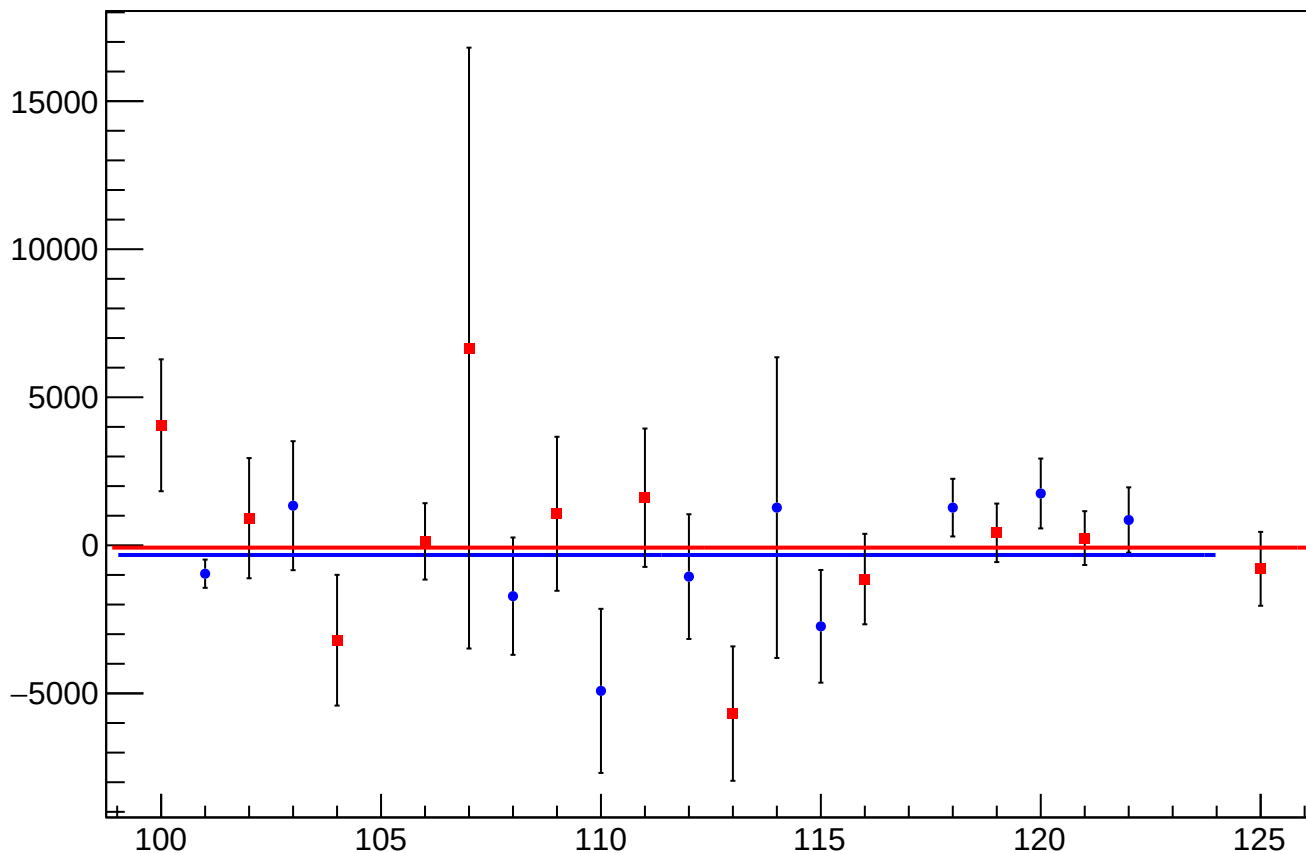
Right: 1659.198+/-0.395 χ^2/NDF : 263179.1/21

In: 1602.963+/-0.564 χ^2/NDF : 98130.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1659.198+/-0.395 χ^2/NDF : 263179.1/21

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: -77.219+/-443.172 χ^2/NDF : 14.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

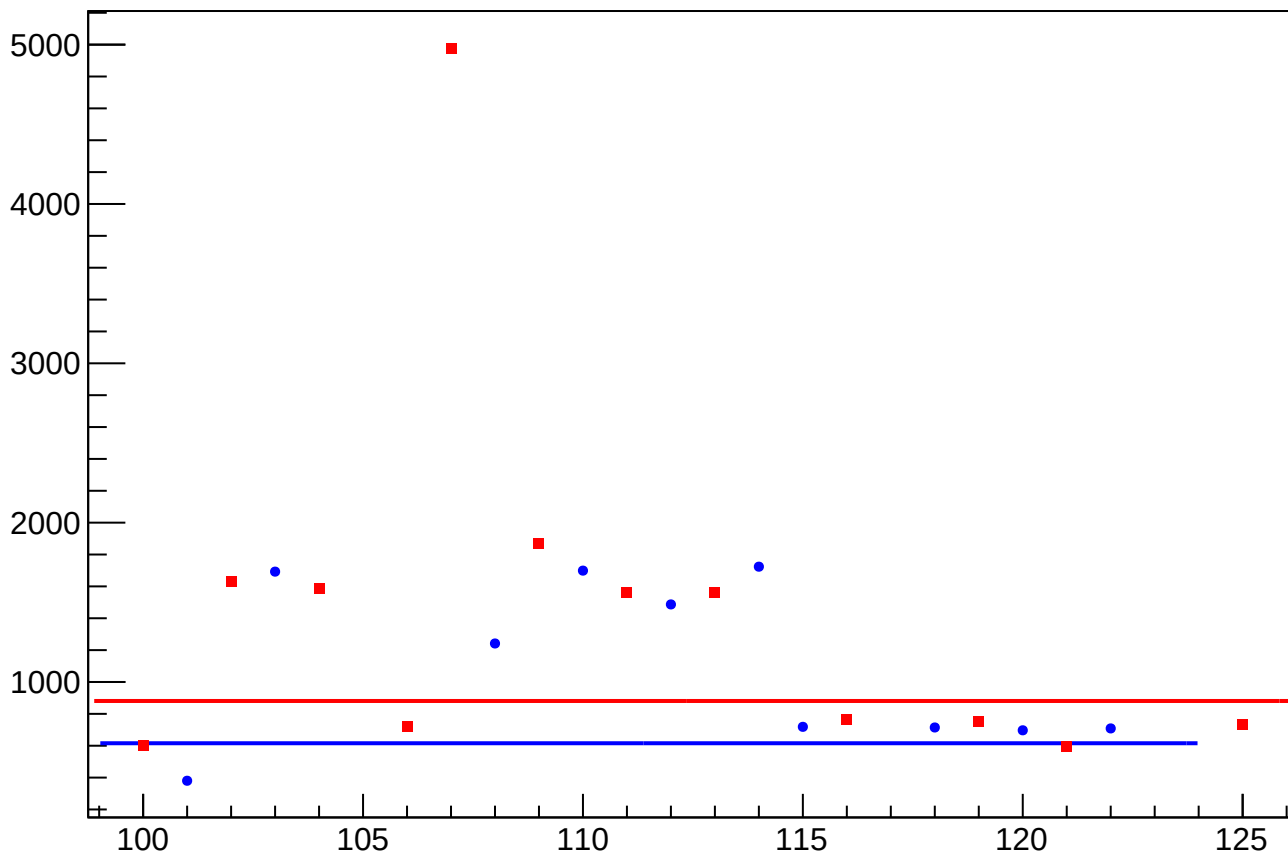
Right: -229.948+/-275.007 χ^2/NDF : 28.7/21

In: -325.589+/-350.696 χ^2/NDF :14.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -229.948+/-275.007 χ^2/NDF : 28.7/21

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: 880.821+/-0.313 χ^2/NDF : 1770538.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

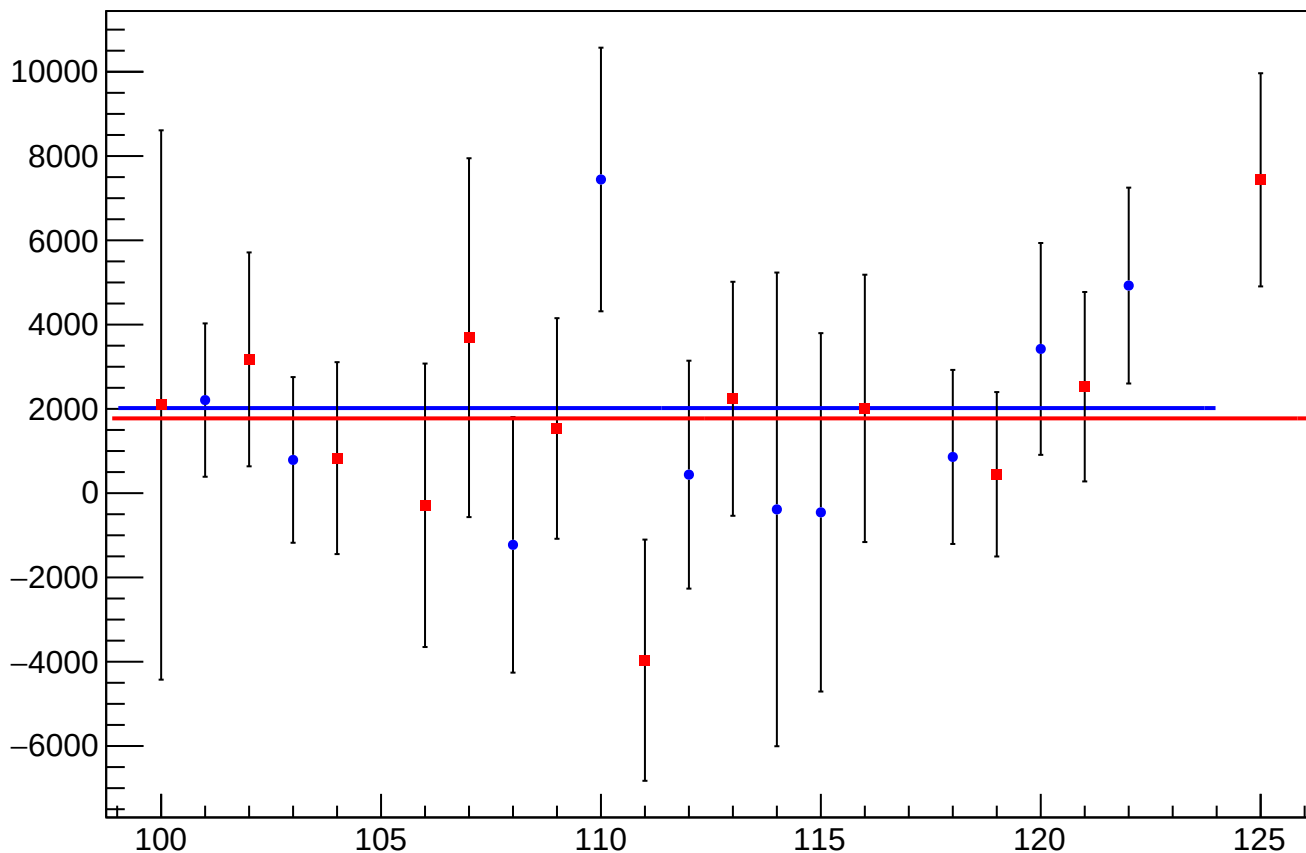
Right: 717.709+/-0.194 χ^2/NDF : 4180634.5/21

In: 615.567+/-0.248 χ^2/NDF : 1969505.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 717.709+/-0.194 χ^2/NDF : 4180634.5/21

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: 1774.435+/-783.433 χ^2/NDF : 10.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

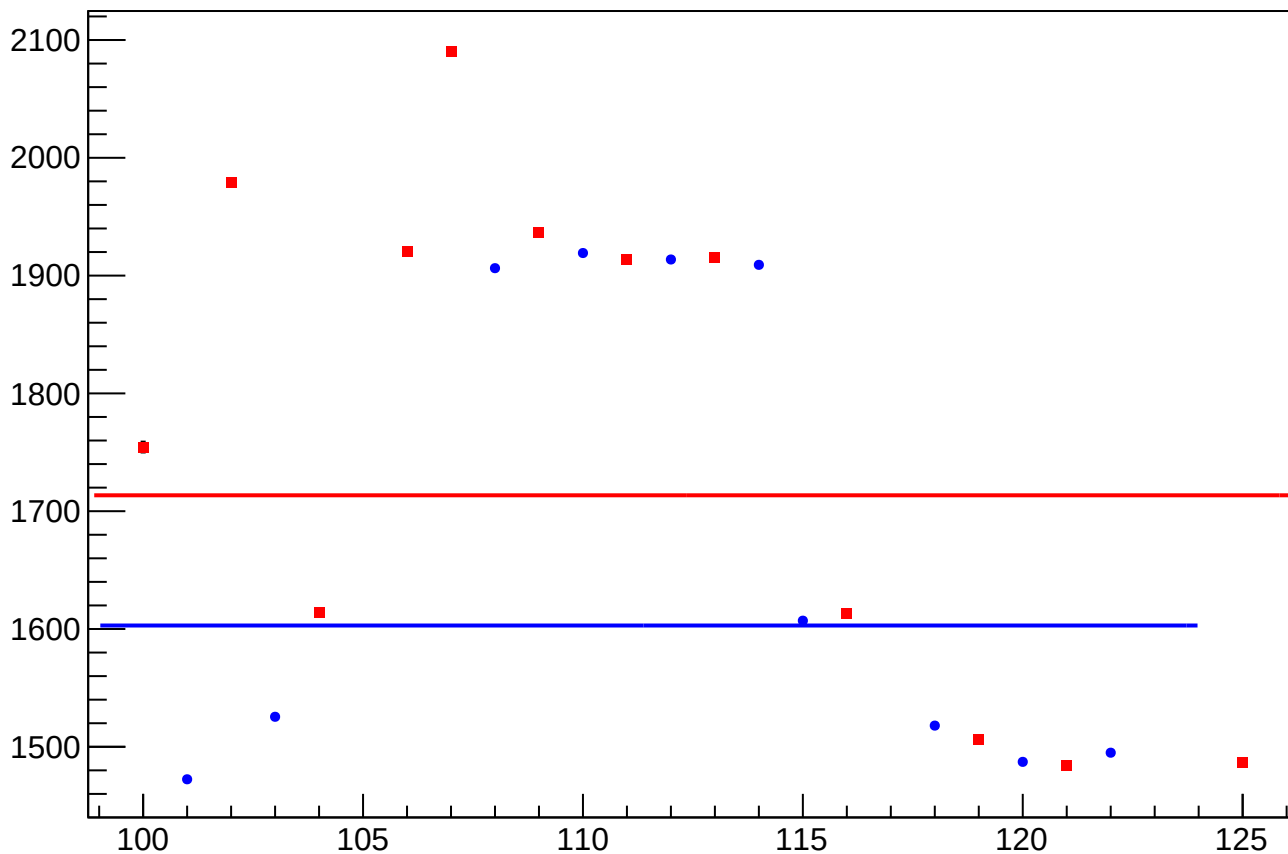
Right: 1894.621+/-558.796 χ^2/NDF : 18.4/21

In: 2019.089+/-797.263 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1894.621+/-558.796 χ^2/NDF : 18.4/21

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: 1713.498+/-0.554 χ^2/NDF : 145490.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

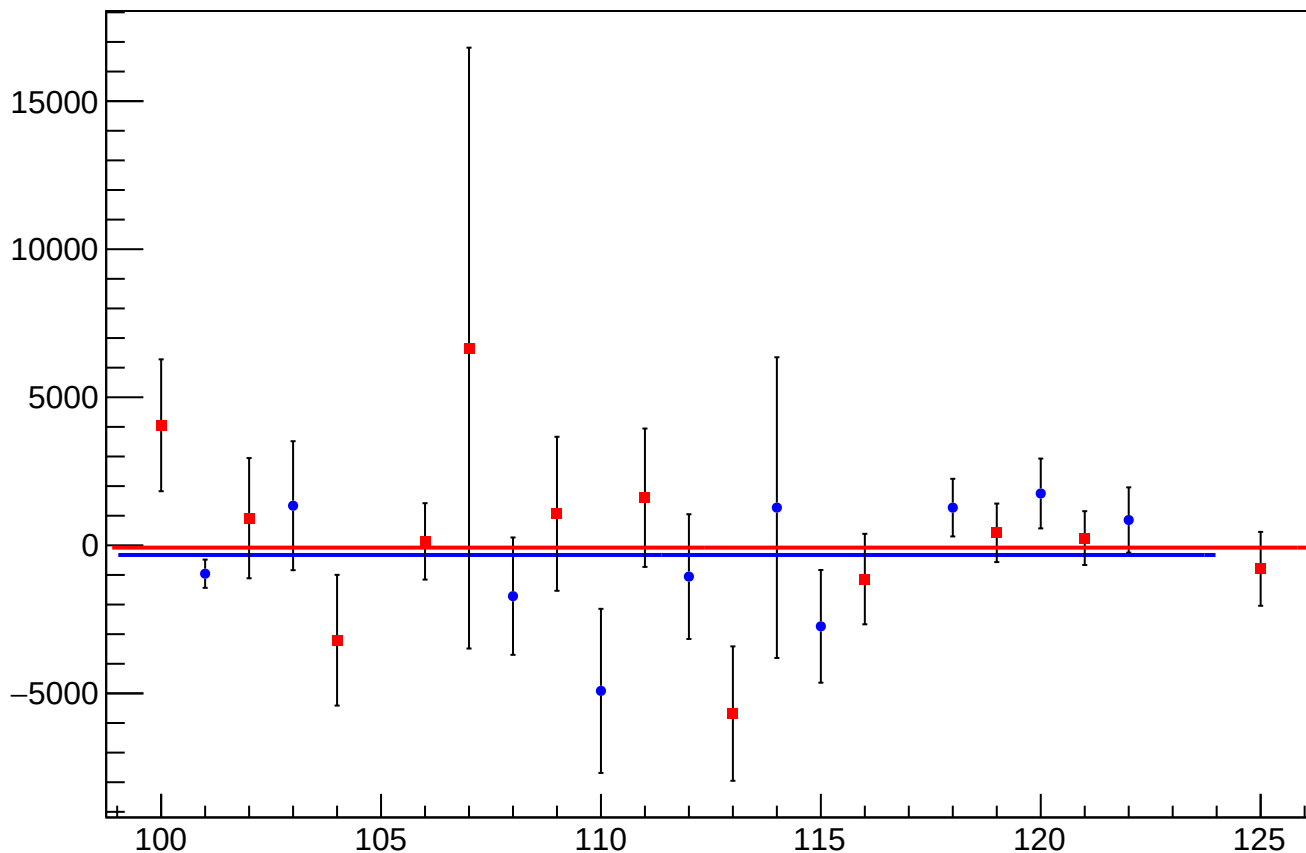
Right: 1659.197+/-0.395 χ^2/NDF : 263179.6/21

In: 1602.962+/-0.564 χ^2/NDF : 98130.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1659.197+/-0.395 χ^2/NDF : 263179.6/21

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: -77.219+/-443.171 χ^2/NDF : 14.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

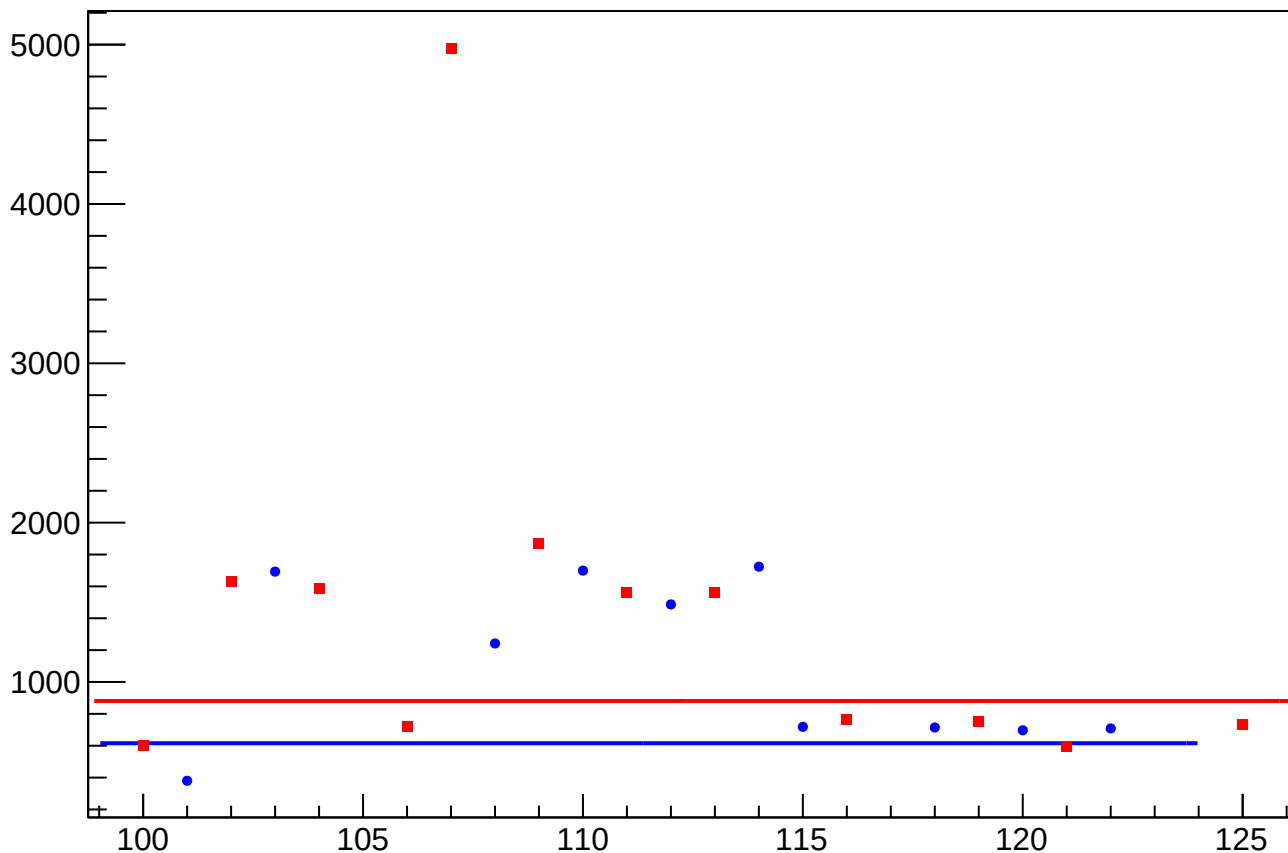
Right: -229.947+/-275.007 χ^2/NDF : 28.7/21

In: -325.587+/-350.696 χ^2/NDF :14.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -229.947+/-275.007 χ^2/NDF : 28.7/21

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: 880.820+/-0.313 χ^2/NDF : 1770546.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

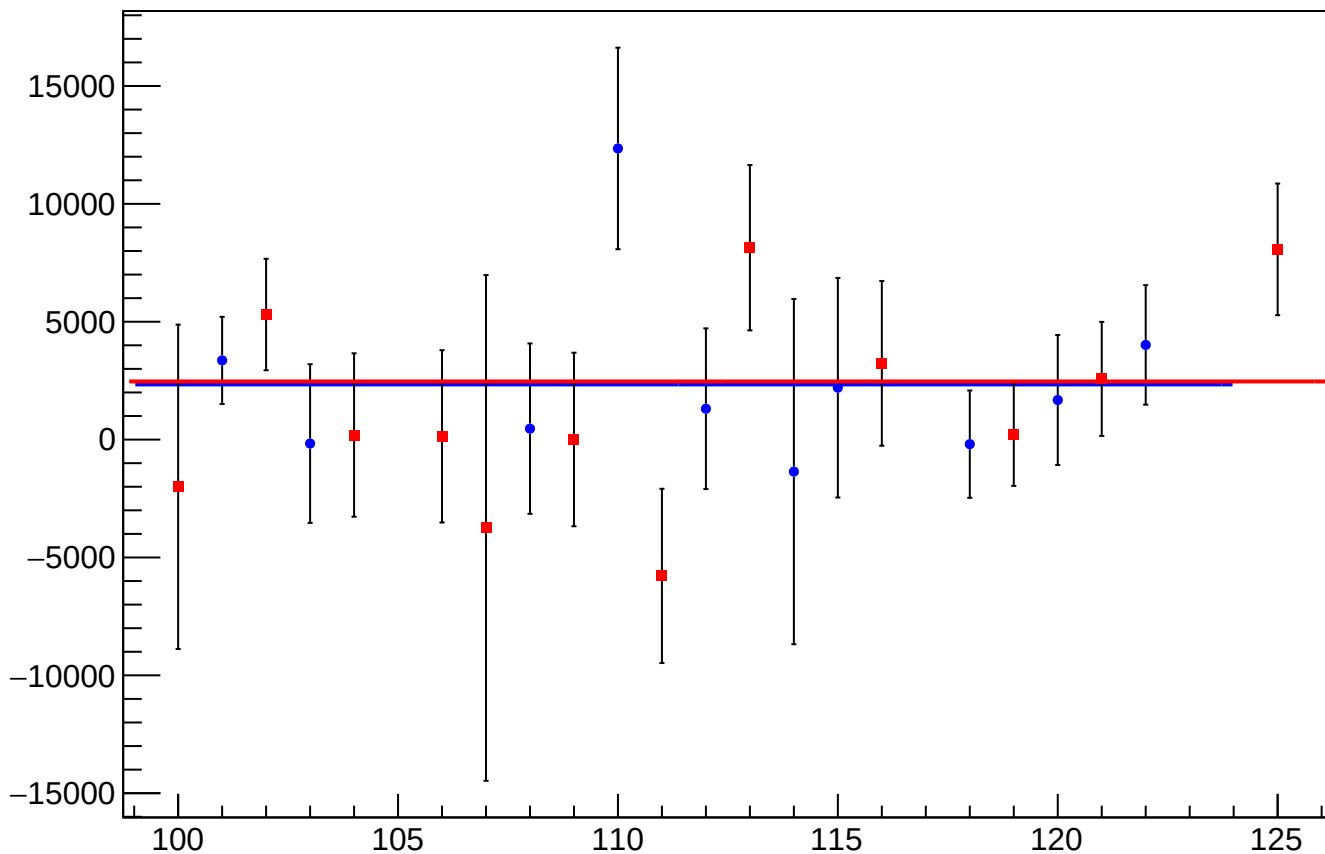
Right: 717.709+/-0.194 χ^2/NDF : 4180630.5/21

In: 615.567+/-0.248 χ^2/NDF : 1969499.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 717.709+/-0.194 χ^2/NDF : 4180630.5/21

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: 2466.829+/-918.205 χ^2/NDF : 16.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

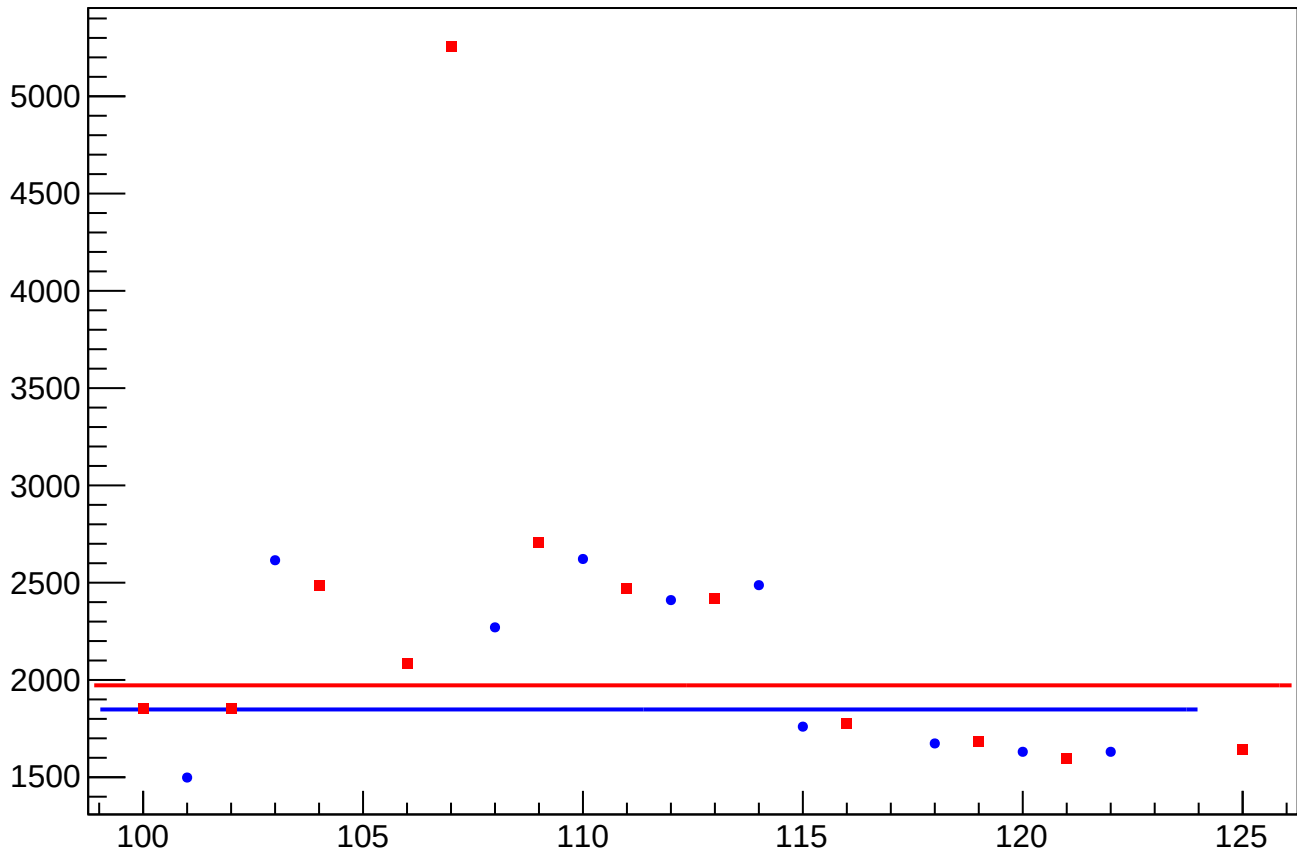
Right: 2405.423+/-655.179 χ^2/NDF : 24.9/21

In: 2341.730+/-935.153 χ^2/NDF : 8.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2405.423+/-655.179 χ^2/NDF : 24.9/21

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: 1972.366+/-0.649 χ^2/NDF : 505186.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

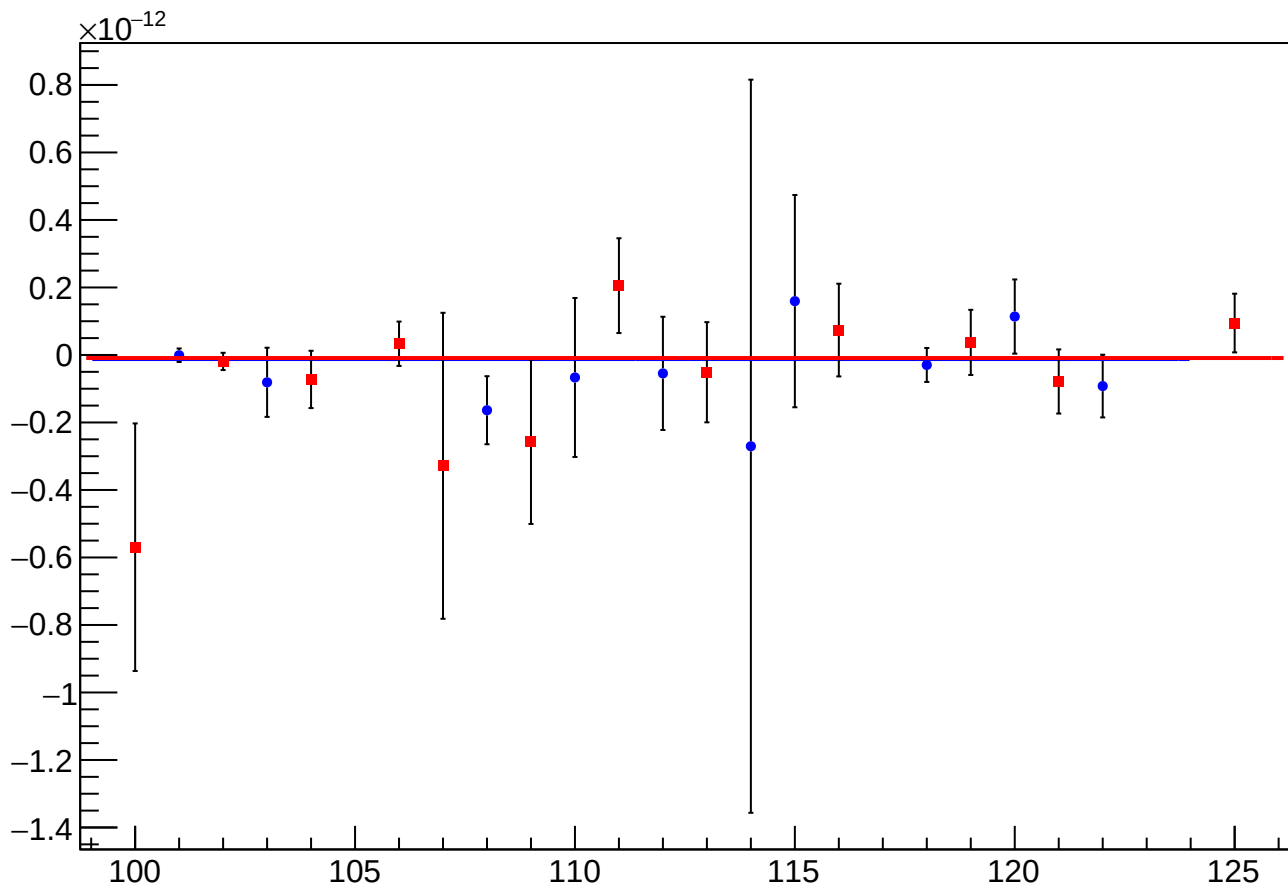
Right: 1911.508+/-0.463 χ^2/NDF : 900842.6/21

In: 1848.381+/-0.661 χ^2/NDF :377756.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1911.508+/-0.463 χ^2/NDF : 900842.6/21

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 : 10.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

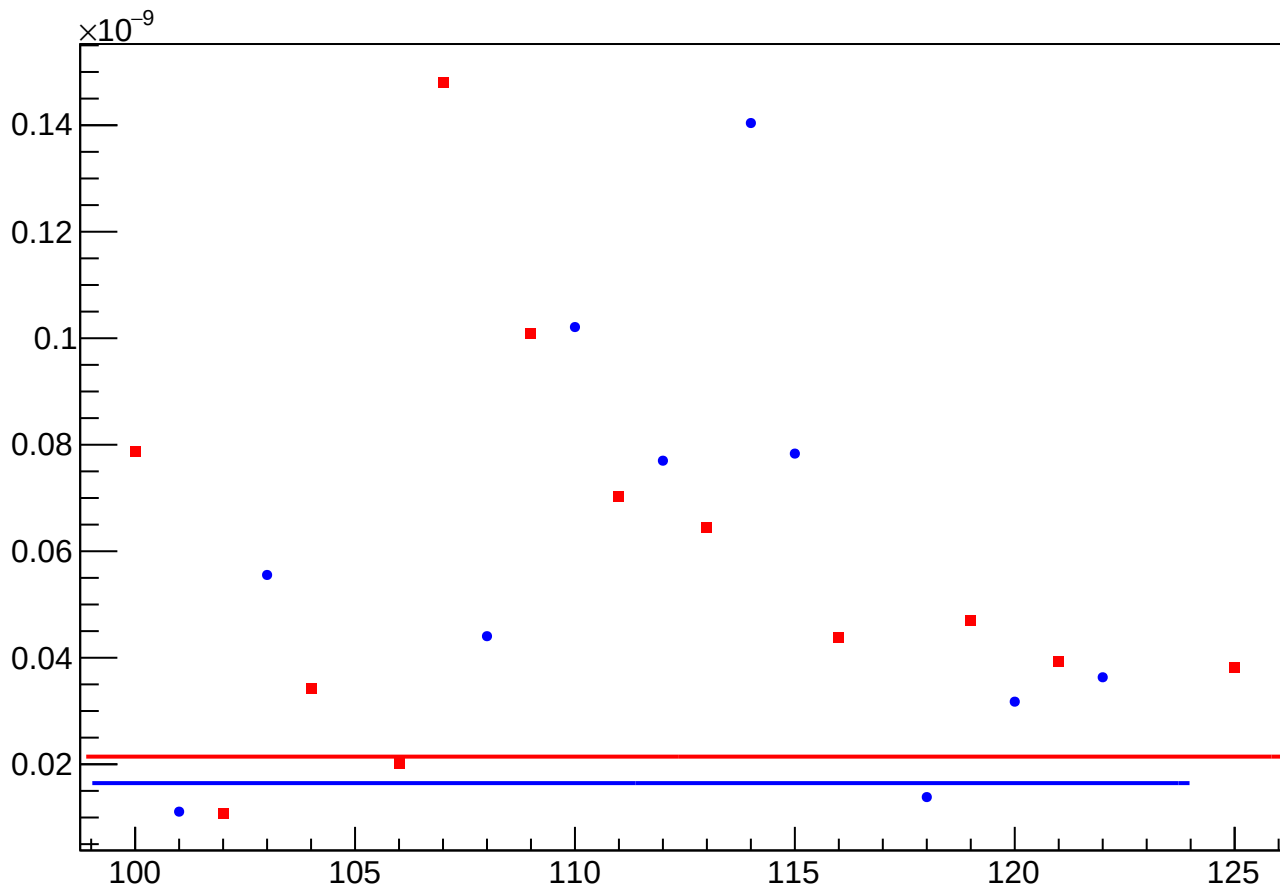
Right: -0.000+/-0.000 χ^2/NDF : 15.7/21

In: -0.000+/-0.000 χ^2/NDF : 5.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.7/21

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 : 1564156.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

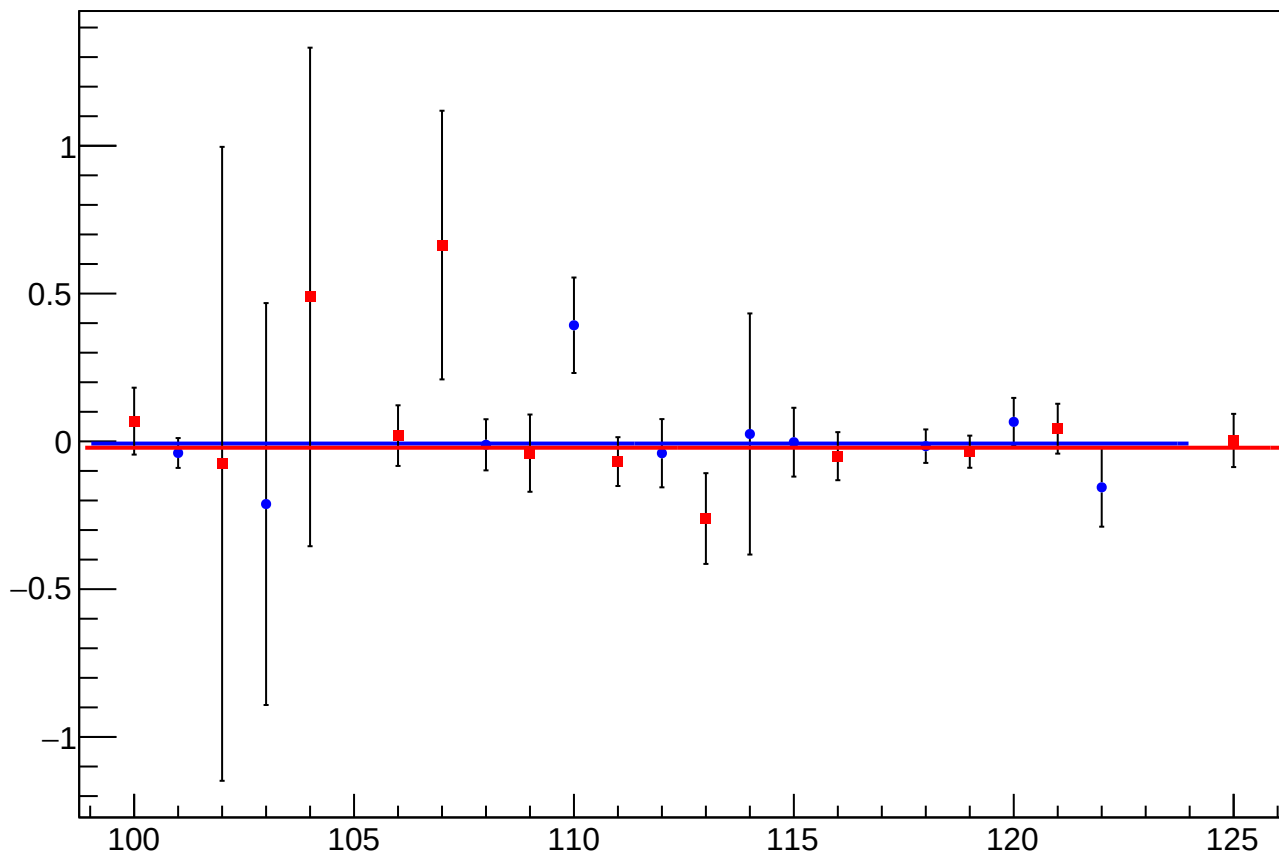
Right: 0.000+/-0.000 χ^2/NDF : 2982530.1/21

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 : 2982530.1/21

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: -0.022 $\pm$ 0.029 χ^2 /NDF: 7.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

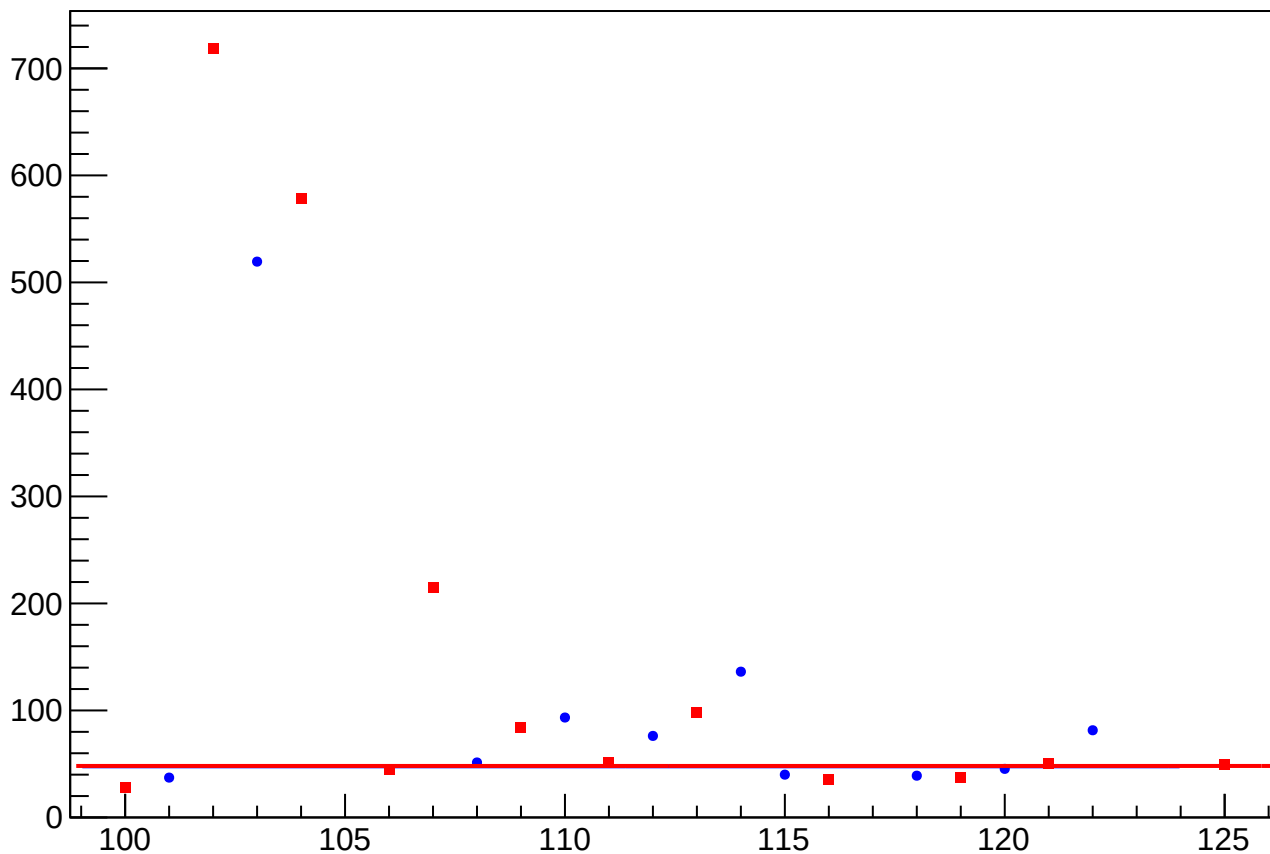
Right: -0.014 $\pm$ 0.020 χ^2 /NDF: 16.0/21

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: -0.014 $\pm$ 0.020 χ^2 /NDF: 16.0/21

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: 48.123+/-0.021 χ^2/NDF : 2397040.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

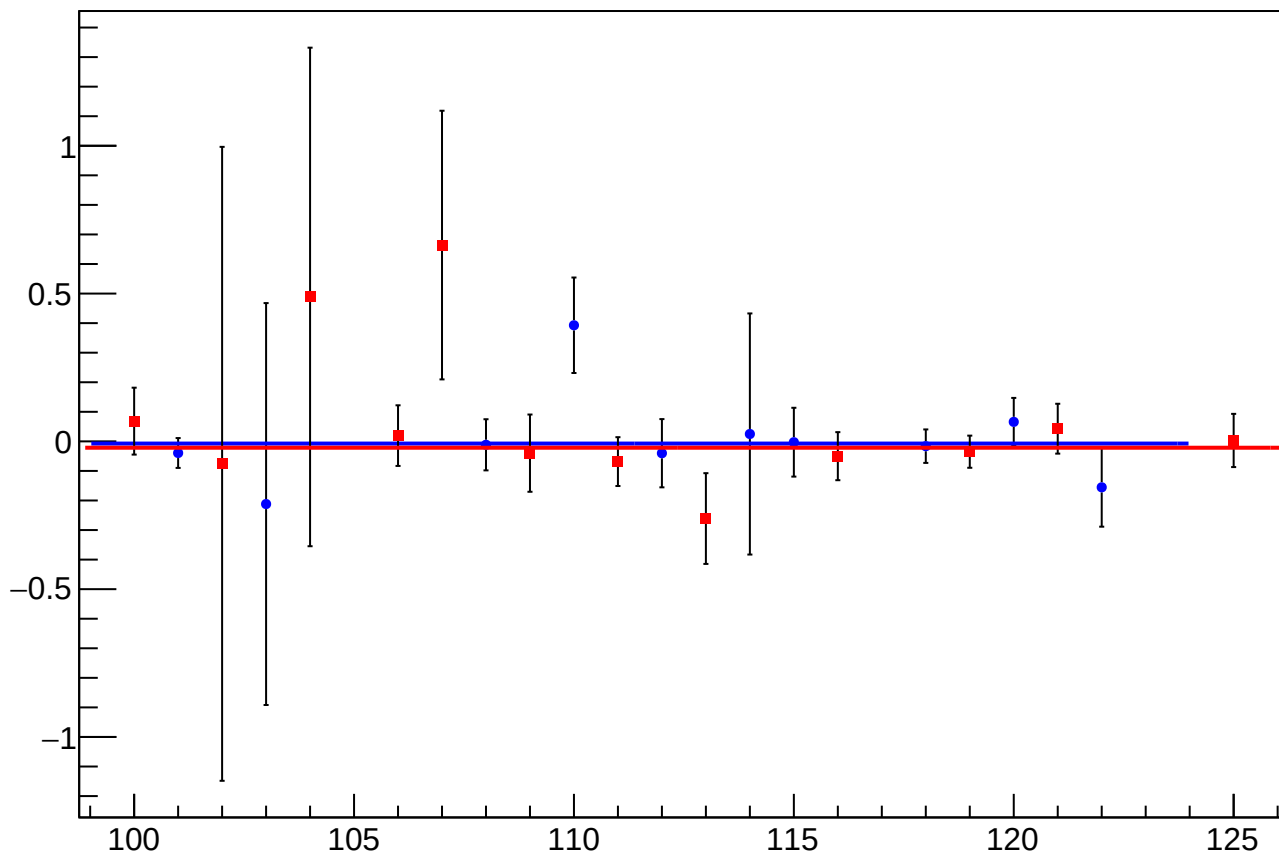
Right: 47.953+/-0.014 χ^2/NDF : 4011555.8/21

In: 47.791+/-0.020 χ^2/NDF : 1614381.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.953+/-0.014 χ^2/NDF : 4011555.8/21

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: -0.022 ± 0.029 χ^2/NDF : 7.1/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

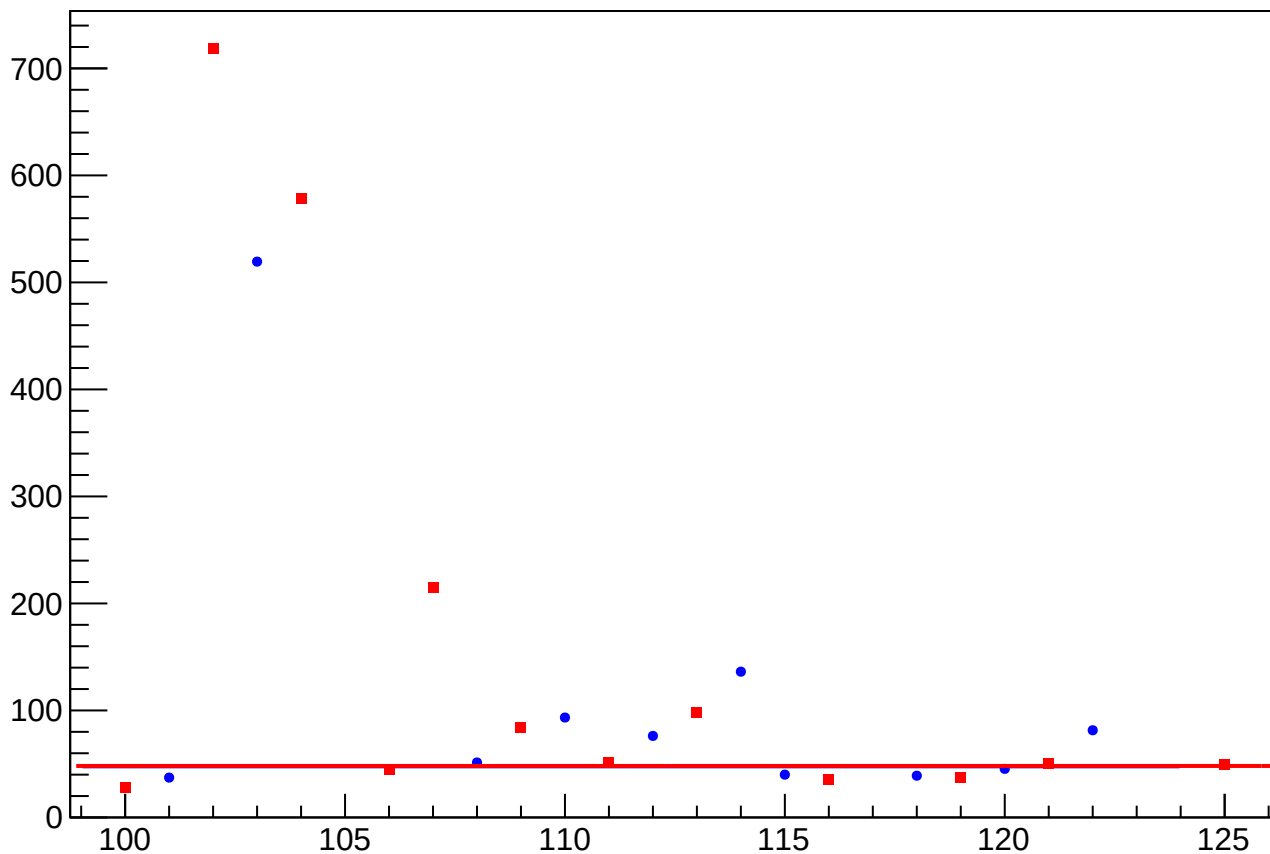
Right: -0.014 ± 0.020 χ^2/NDF : 16.0/21

In: -0.007 ± 0.028 χ^2/NDF : 8.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.014 ± 0.020 χ^2/NDF : 16.0/21

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: 48.123+/-0.021 χ^2/NDF : 2397040.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

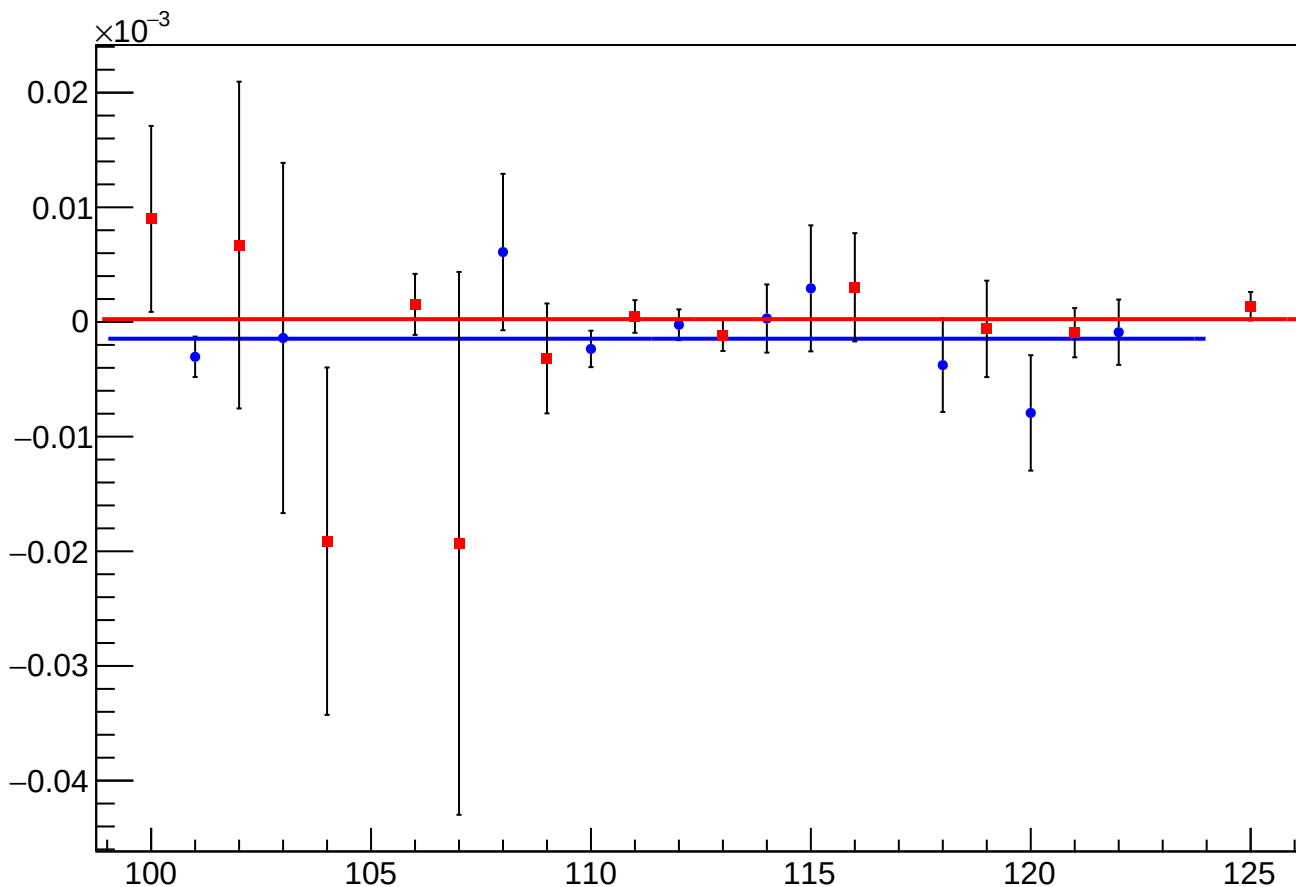
Right: 47.953+/-0.014 χ^2/NDF : 4011555.8/21

In: 47.791+/-0.020 χ^2/NDF : 1614381.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.953+/-0.014 χ^2/NDF : 4011555.8/21

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 : 7.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

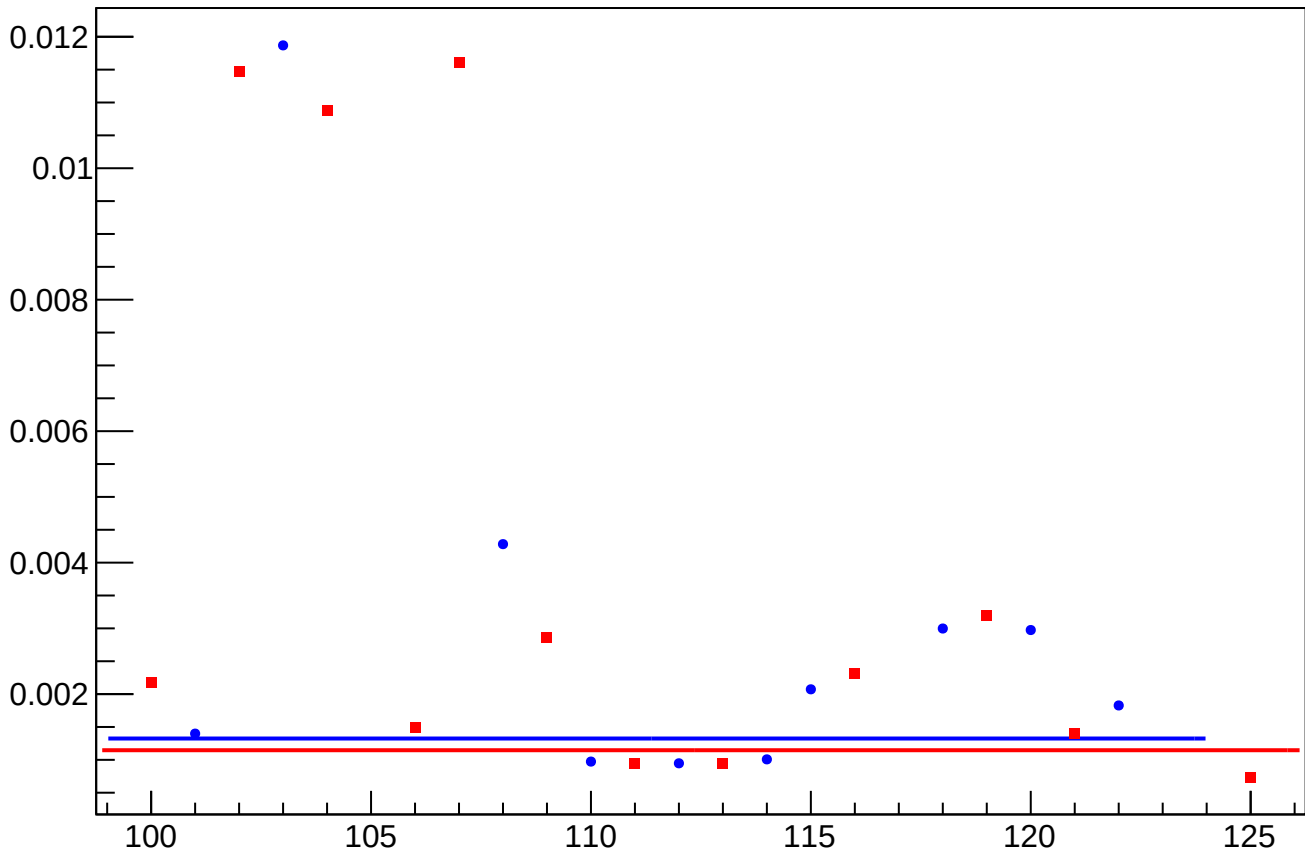
Right: -0.000+/-0.000 χ^2/NDF : 16.0/21

In: -0.000+/-0.000 χ^2/NDF : 6.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.0/21

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 : 3524846.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

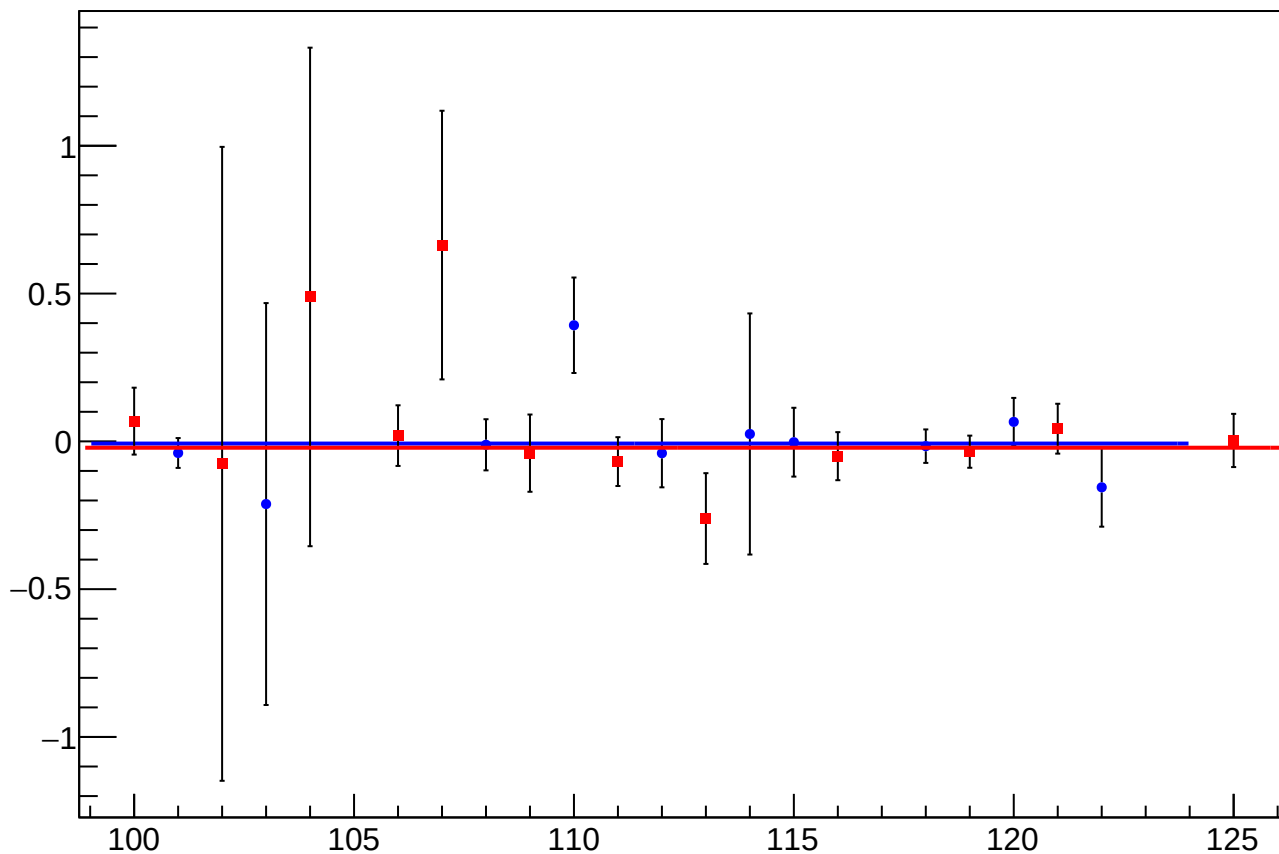
Right: 0.001+/-0.000 χ^2/NDF : 5846636.2/21

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 : 5846636.2/21

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.028 χ^2 /NDF: 8.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.022 $\pm$ 0.029 χ^2 /NDF: 7.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

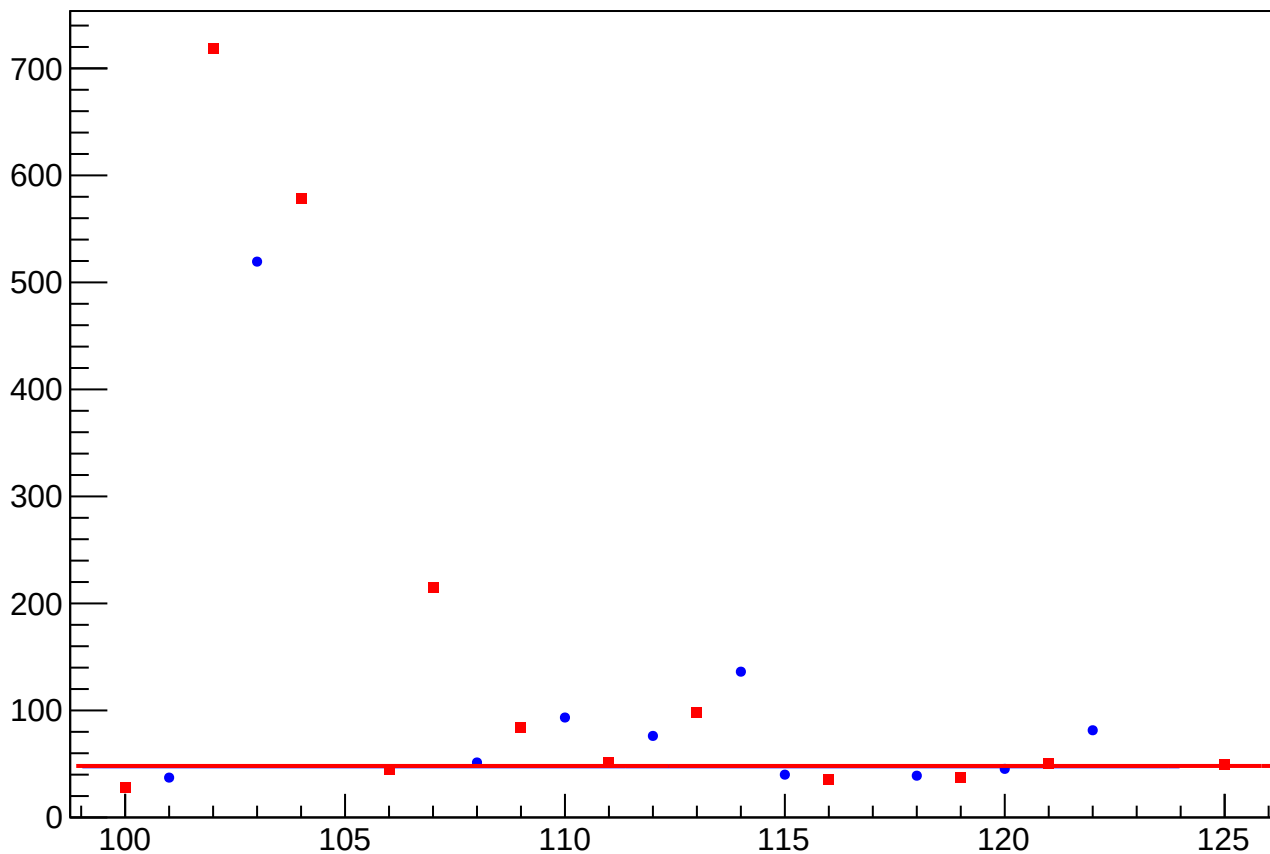
Right: -0.014 $\pm$ 0.020 χ^2 /NDF: 16.0/21

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: -0.014 $\pm$ 0.020 χ^2 /NDF: 16.0/21

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: 48.123+/-0.021 χ^2/NDF : 2397047.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

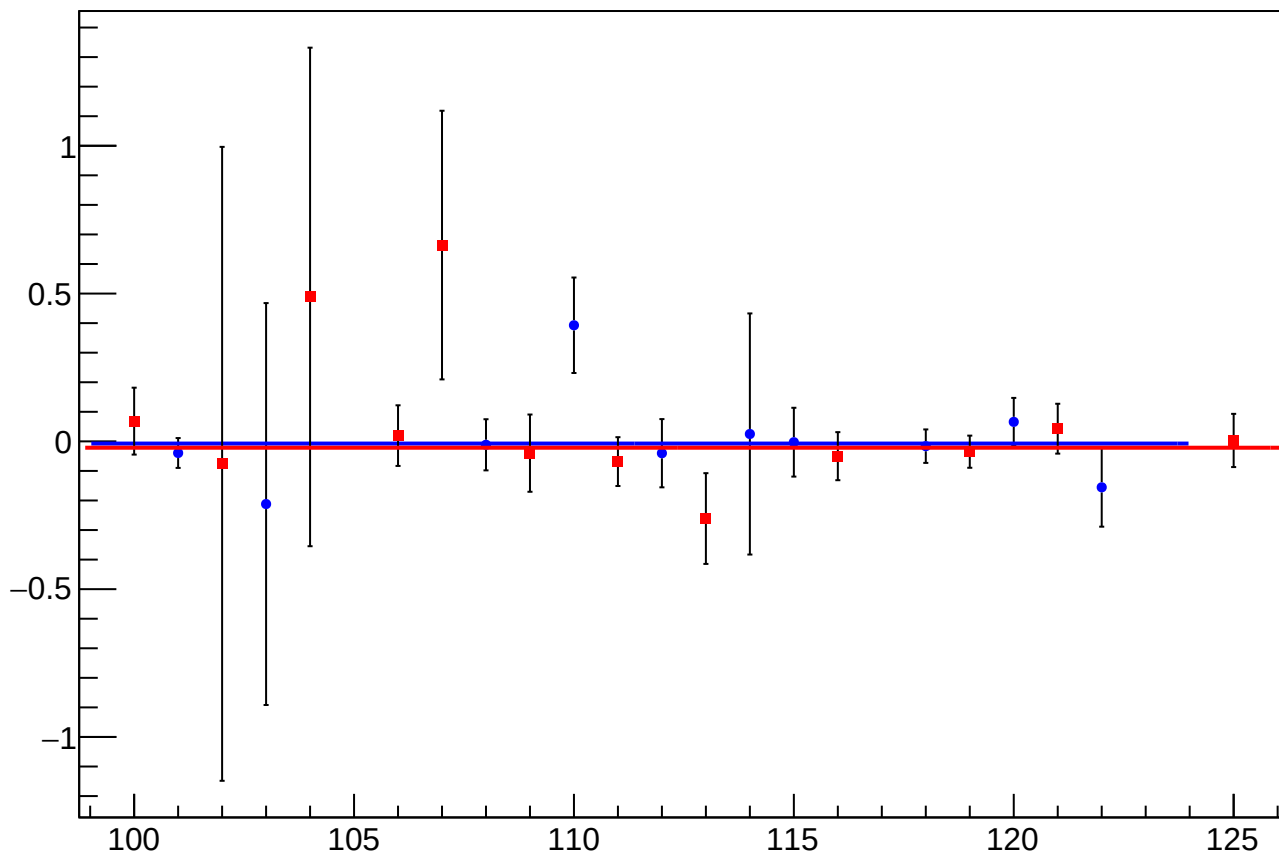
Right: 47.953+/-0.014 χ^2/NDF : 4011564.8/21

In: 47.791+/-0.020 χ^2/NDF : 1614384.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.953+/-0.014 χ^2/NDF : 4011564.8/21

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.028 χ^2 /NDF: 8.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.022 $\pm$ 0.029 χ^2 /NDF: 7.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

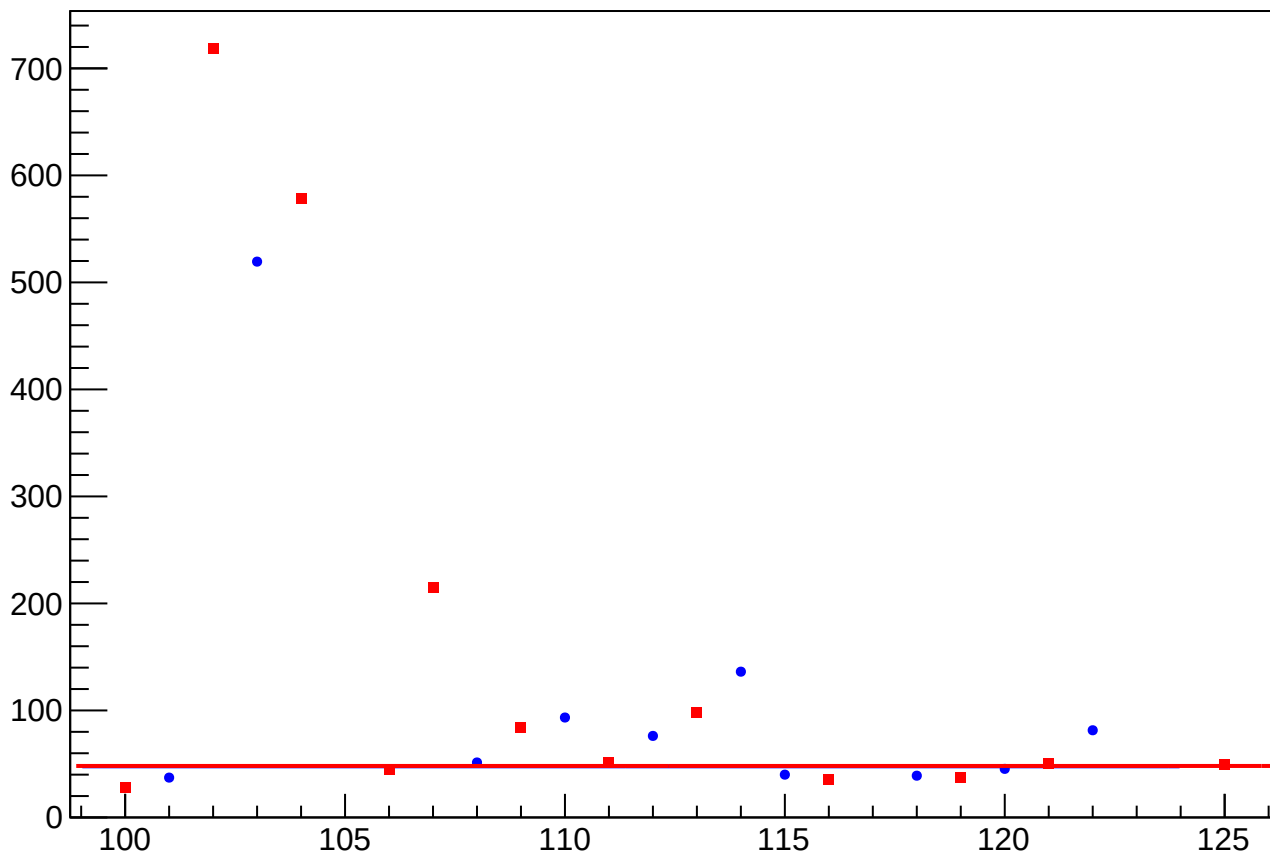
Right: -0.014 $\pm$ 0.020 χ^2 /NDF: 16.0/21

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: -0.014 $\pm$ 0.020 χ^2 /NDF: 16.0/21

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: 48.123+/-0.021 χ^2/NDF : 2397047.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

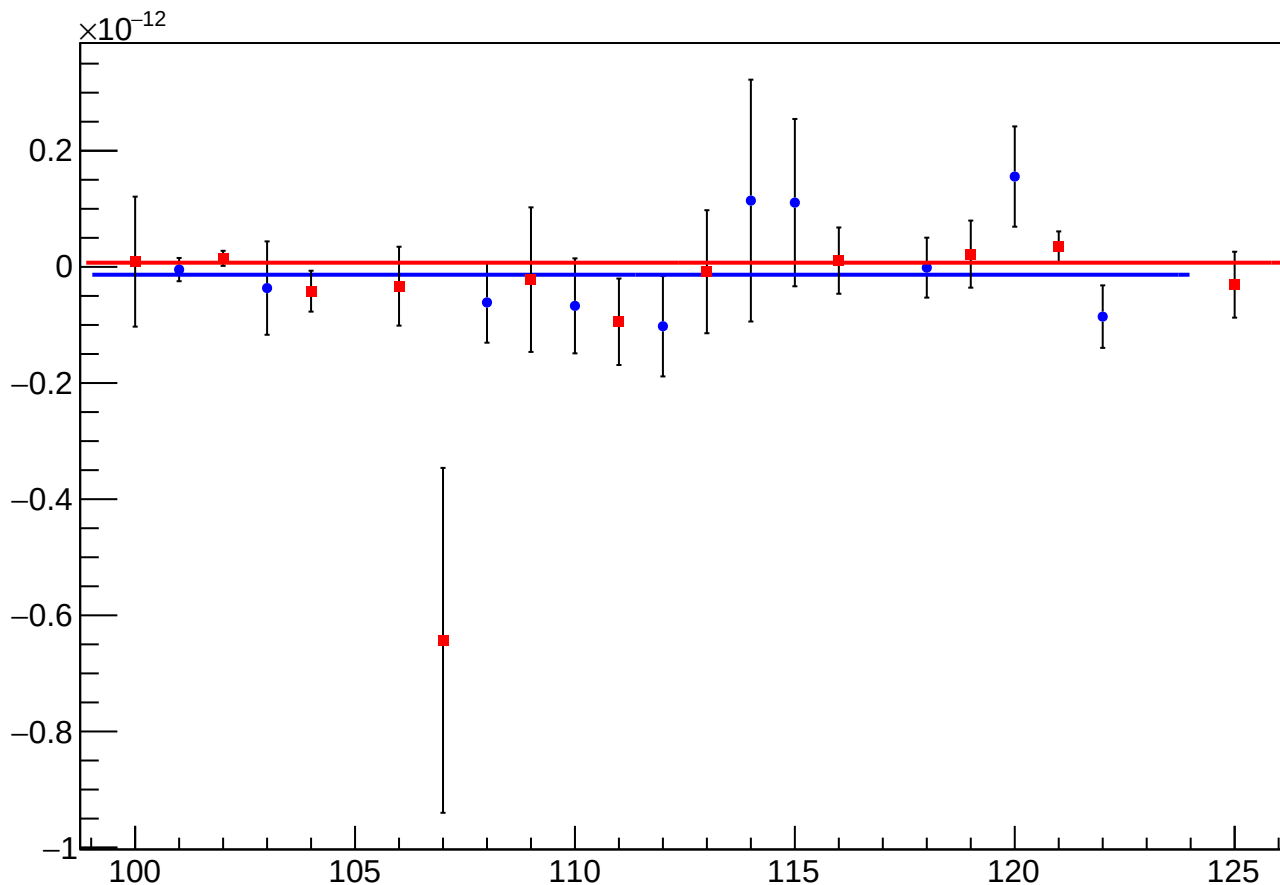
Right: 47.953+/-0.014 χ^2/NDF : 4011564.8/21

In: 47.791+/-0.020 χ^2/NDF : 1614384.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.953+/-0.014 χ^2/NDF : 4011564.8/21

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: 11.0/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

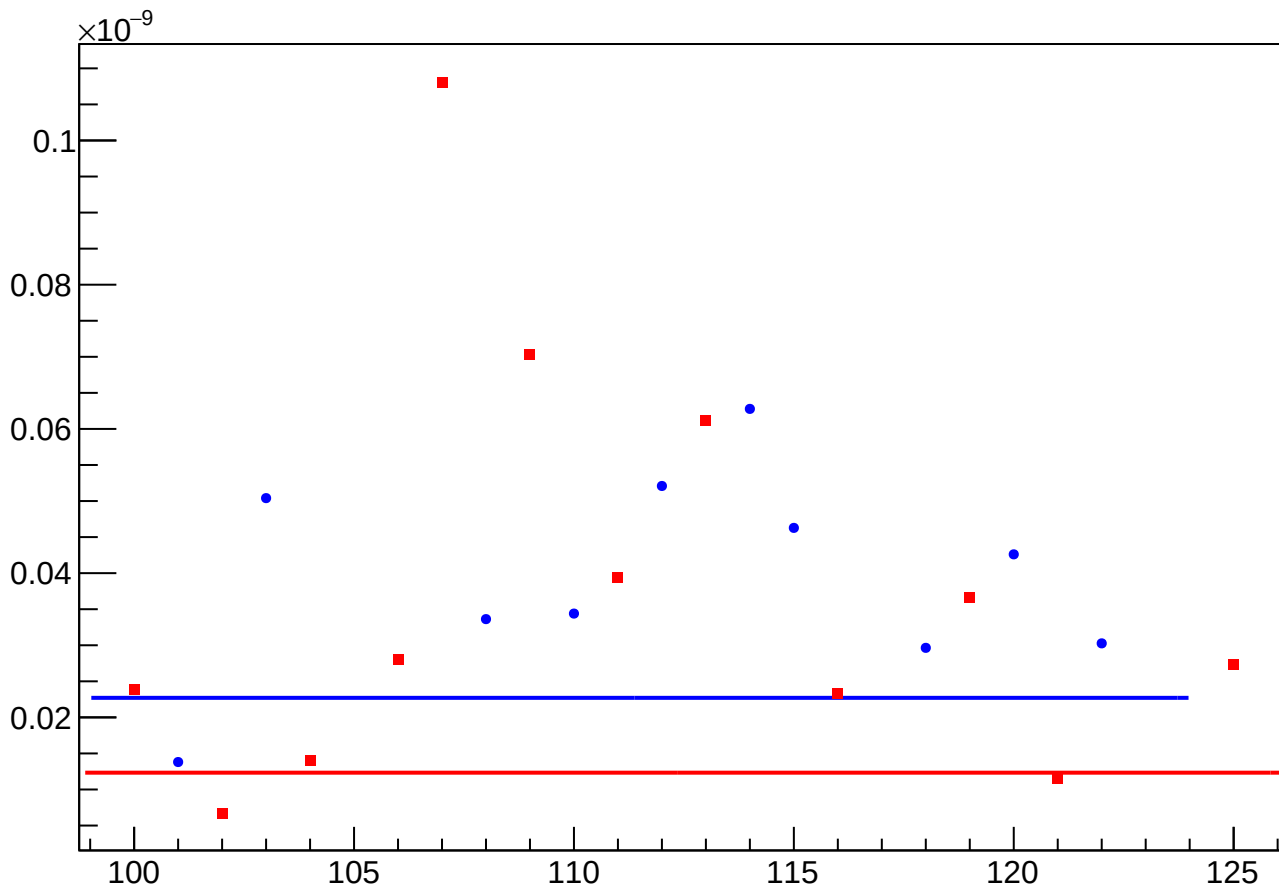
Right: 0.000+/-0.000 χ^2 /NDF: 21.2/21

In: -0.000+/-0.000 χ^2 /NDF:9.0/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 21.2/21

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 : 2417299.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

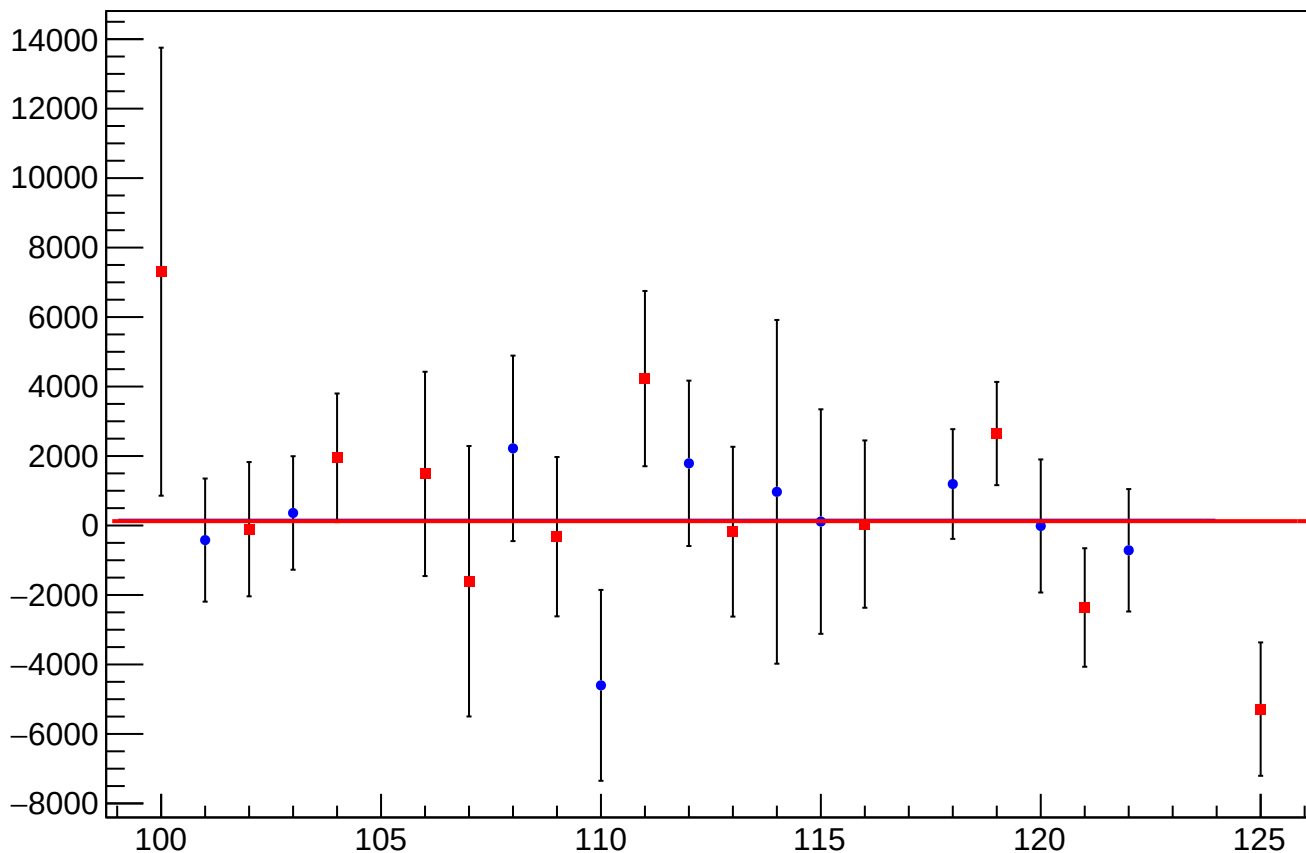
Right: 0.000+/-0.000 χ^2/NDF : 4297441.7/21

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 : 4297441.7/21

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: 125.352+/-629.937 χ^2/NDF : 18.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

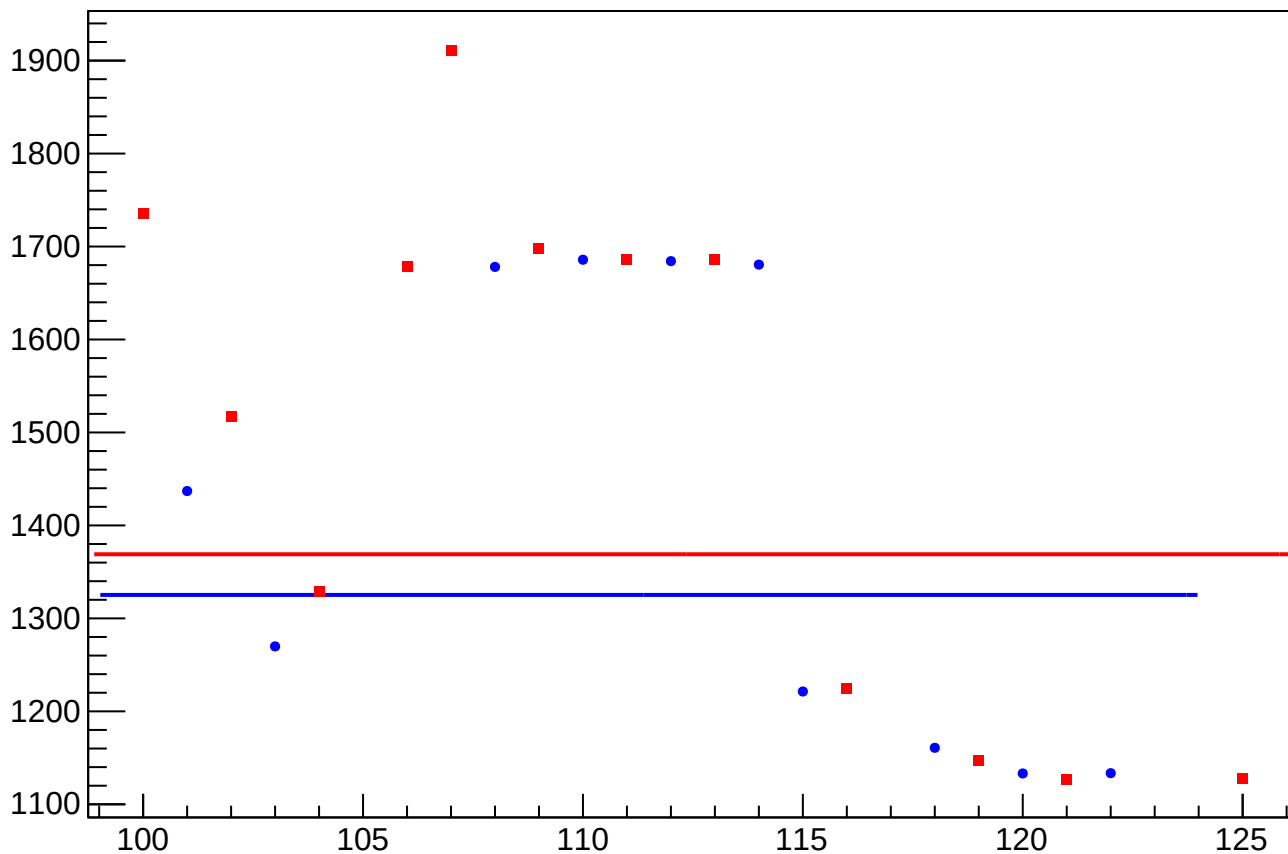
Right: 131.665+/-456.692 χ^2/NDF : 23.2/21

In: 138.659+/-663.054 χ^2/NDF : 4.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.665+/-456.692 χ^2/NDF : 23.2/21

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: 1368.978+/-0.445 χ^2/NDF : 310180.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

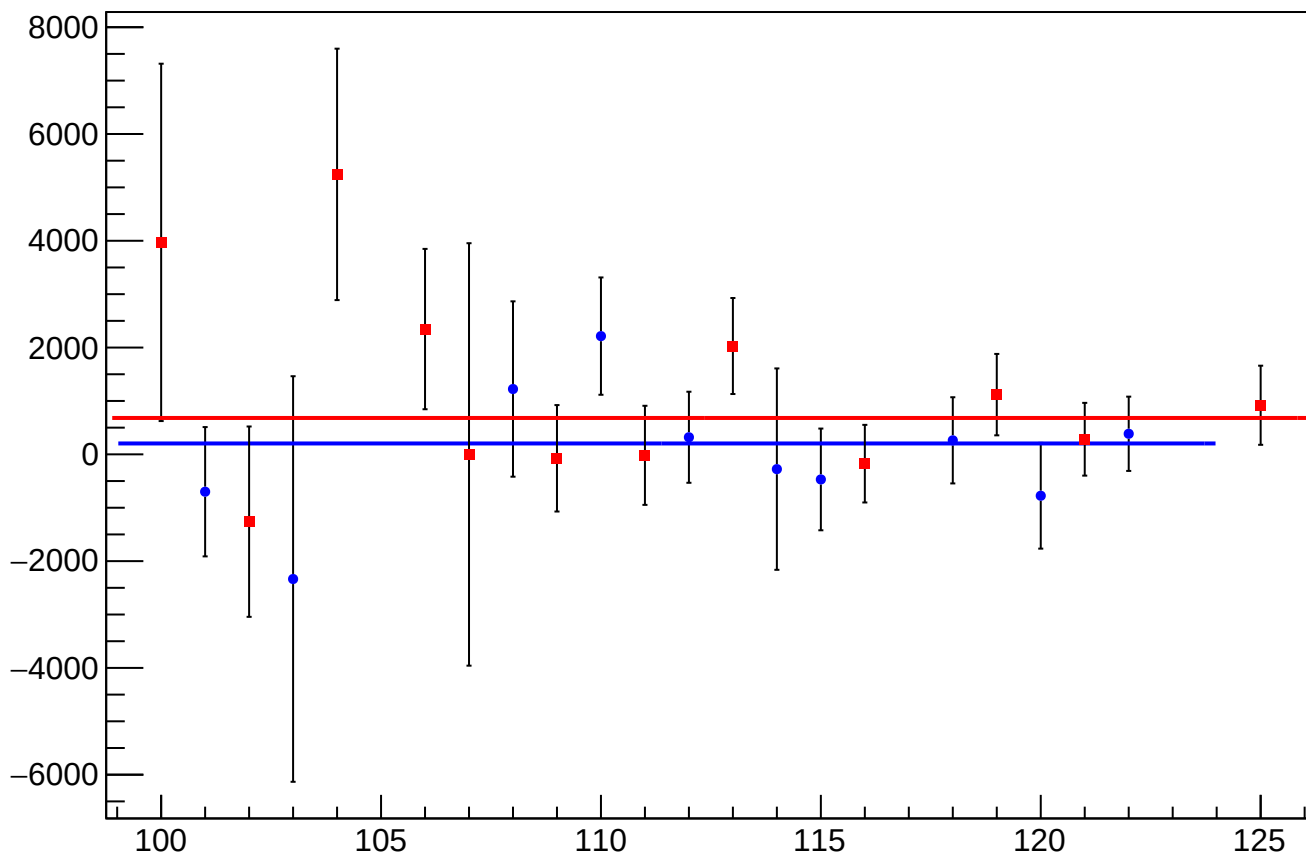
Right: 1348.231+/-0.323 χ^2/NDF : 517754.9/21

In: 1325.245+/-0.469 χ^2/NDF : 203001.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1348.231+/-0.323 χ^2/NDF : 517754.9/21

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: 681.436+/-287.653 χ^2/NDF : 12.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

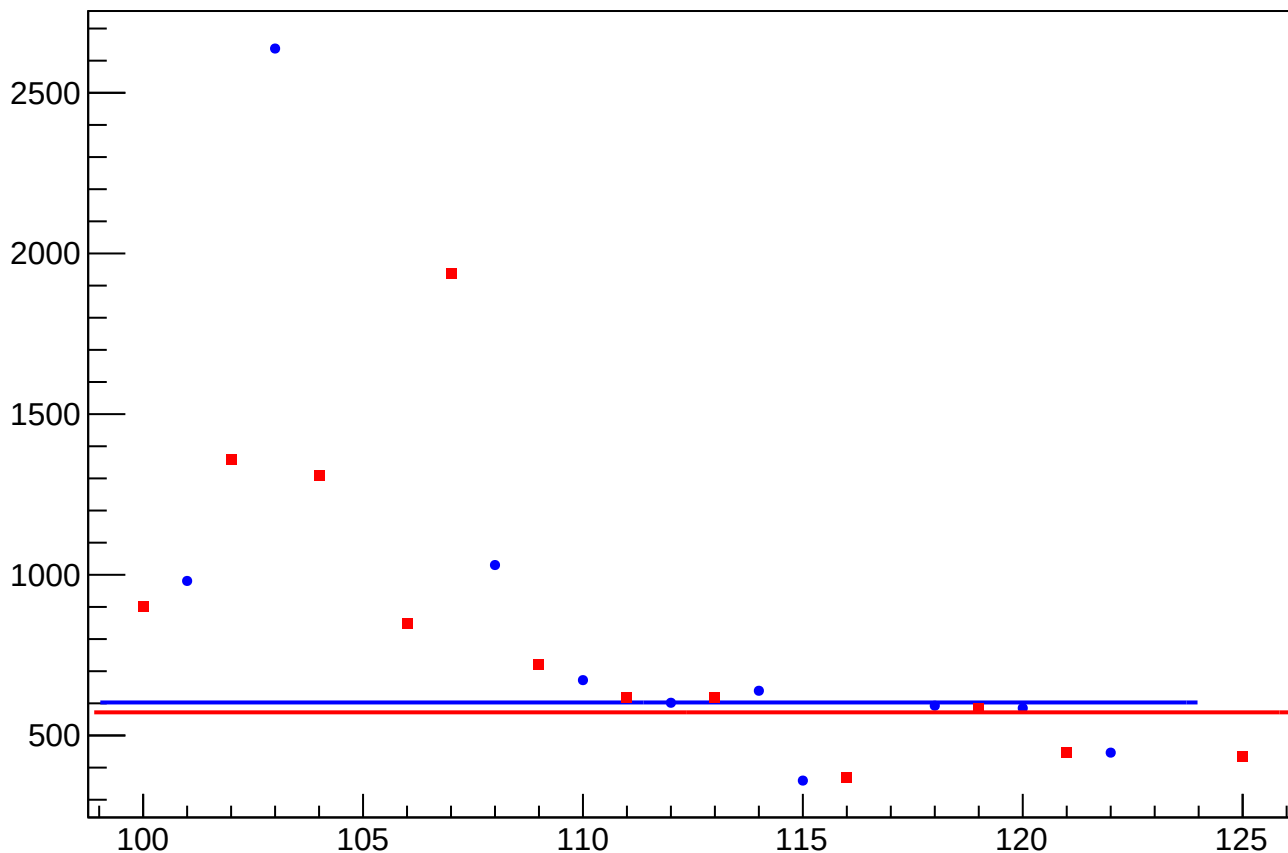
Right: 473.358+/-216.090 χ^2/NDF : 20.3/21

In: 203.835+/-327.381 χ^2/NDF : 6.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 473.358+/-216.090 χ^2/NDF : 20.3/21

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: 571.979+/-0.203 χ^2/NDF : 1261076.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

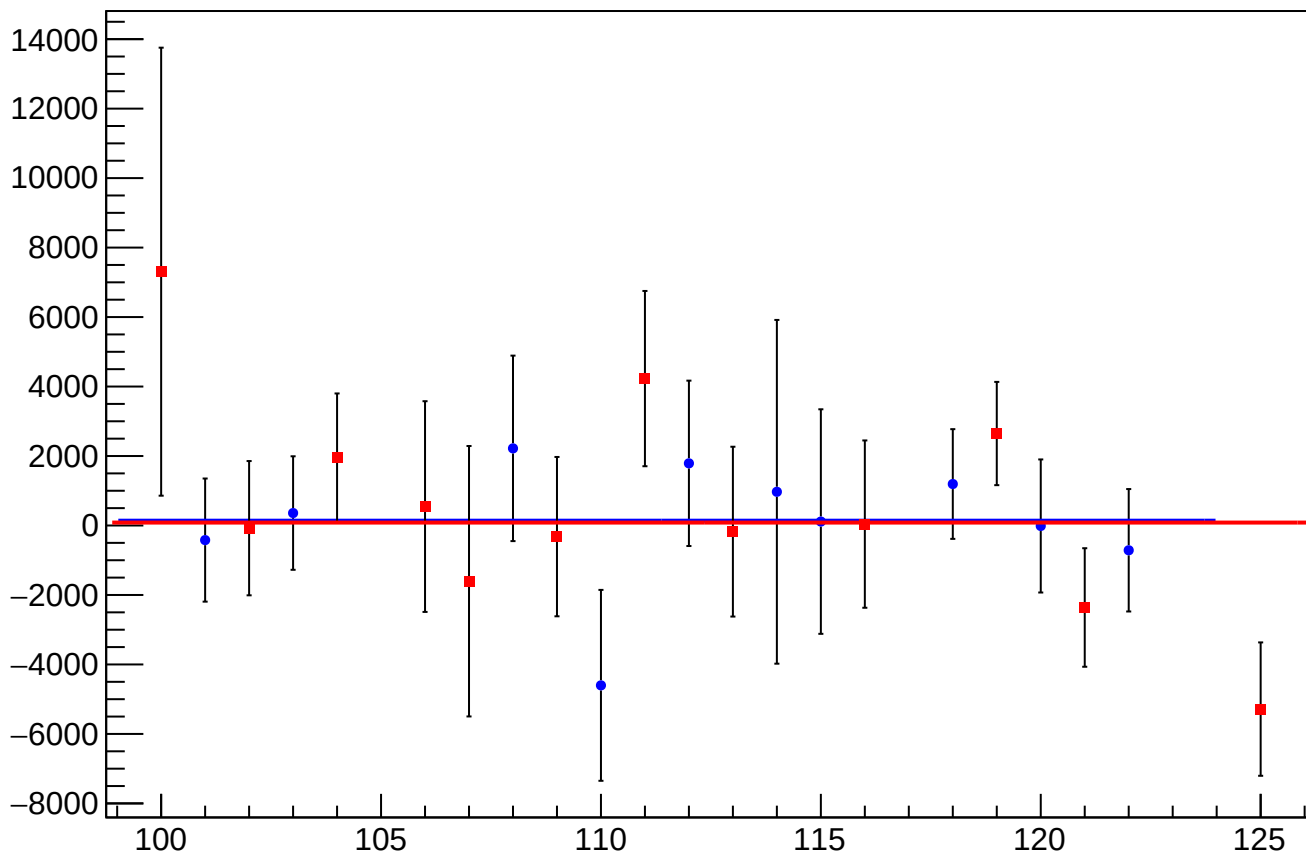
Right: 585.382+/-0.153 χ^2/NDF : 2416712.2/21

In: 602.743+/-0.231 χ^2/NDF : 1145668.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 585.382+/-0.153 χ^2/NDF : 2416712.2/21

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: 84.234+/-630.814 χ^2/NDF : 18.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

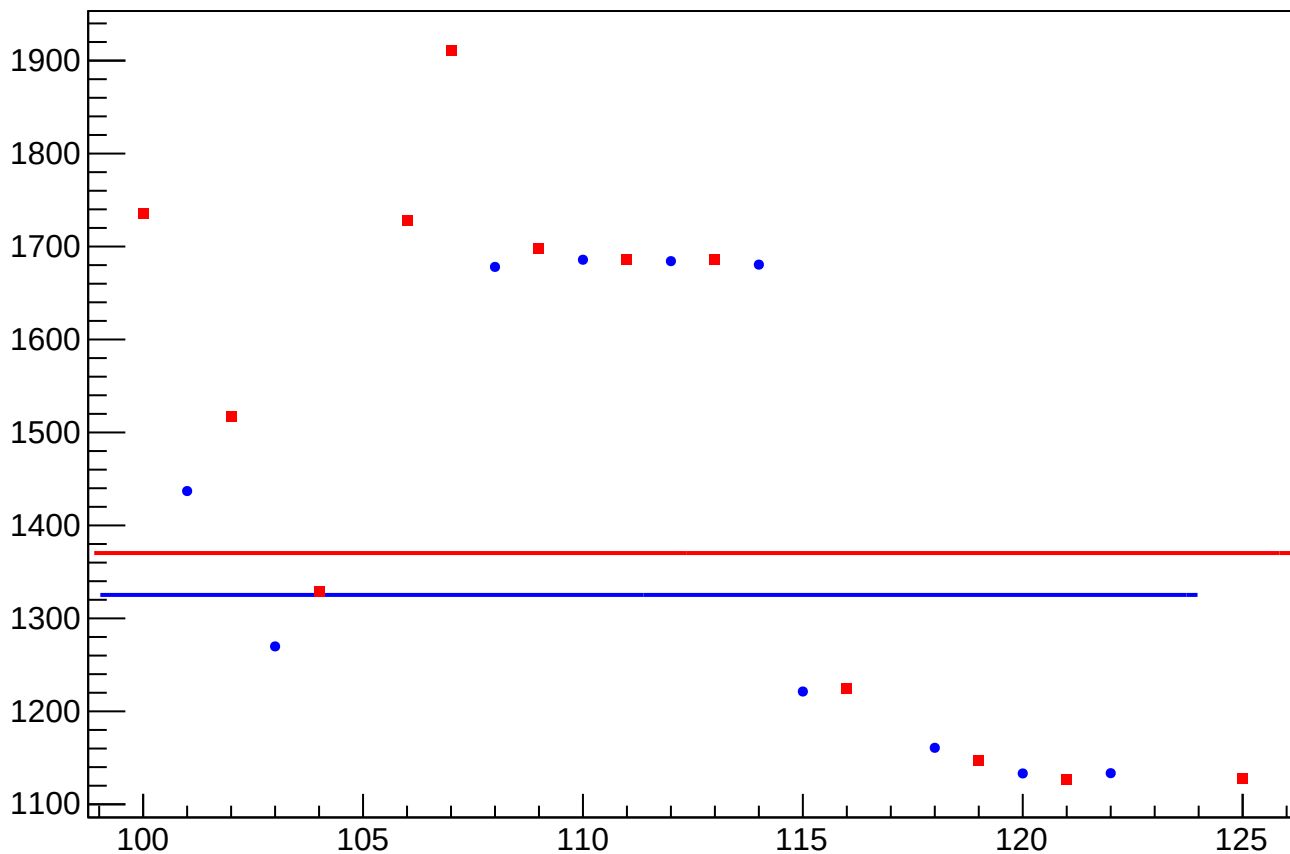
Right: 109.881+/-457.026 χ^2/NDF : 23.0/21

In: 138.217+/-663.054 χ^2/NDF : 4.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.881+/-457.026 χ^2/NDF : 23.0/21

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: 1370.290+/-0.446 χ^2/NDF : 316110.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

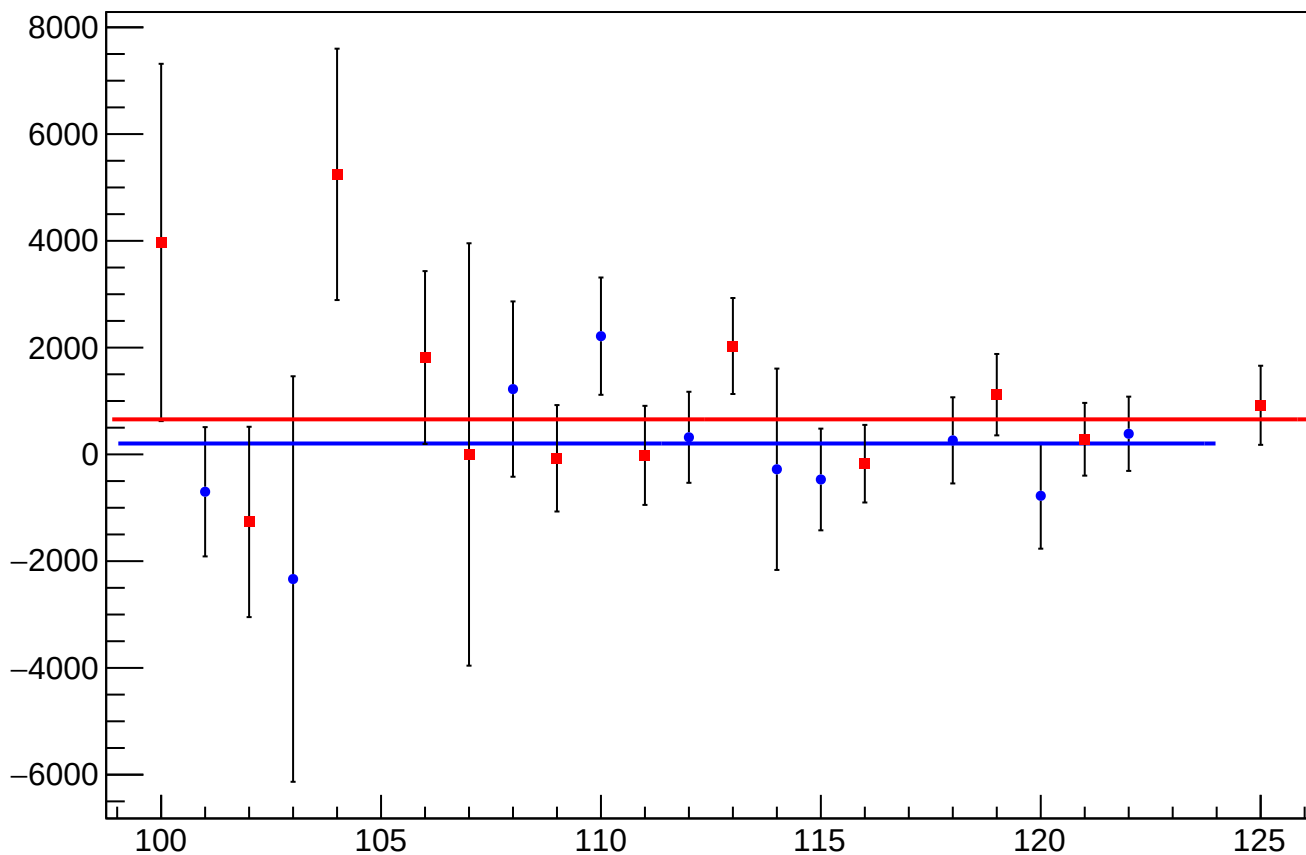
Right: 1348.890+/-0.323 χ^2/NDF : 523956.4/21

In: 1325.245+/-0.469 χ^2/NDF : 203001.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1348.890+/-0.323 χ^2/NDF : 523956.4/21

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: 656.142+/-288.393 χ^2/NDF : 12.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

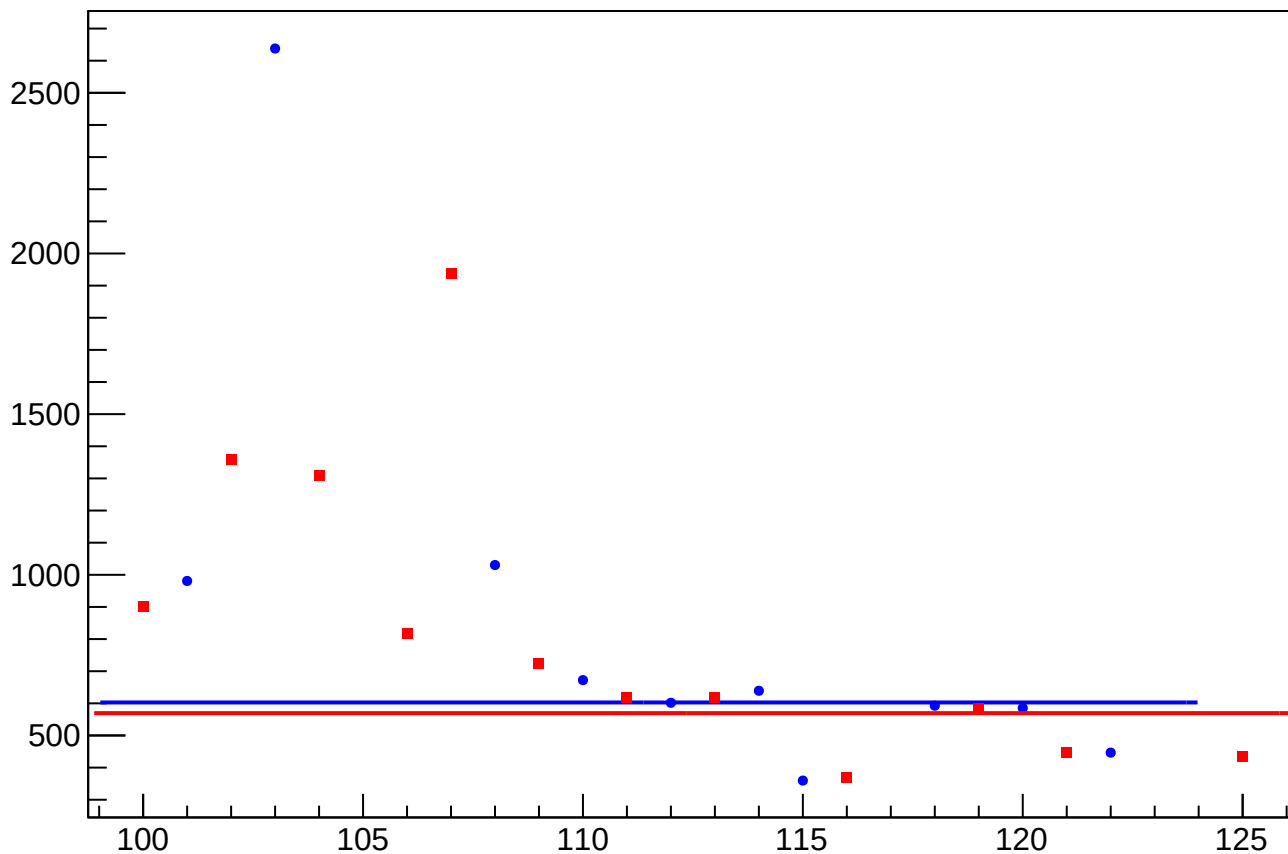
Right: 458.531+/-216.403 χ^2/NDF : 19.4/21

In: 203.878+/-327.381 χ^2/NDF : 6.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 458.531+/-216.403 χ^2/NDF : 19.4/21

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: 569.563+/-0.204 χ^2/NDF : 1239418.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

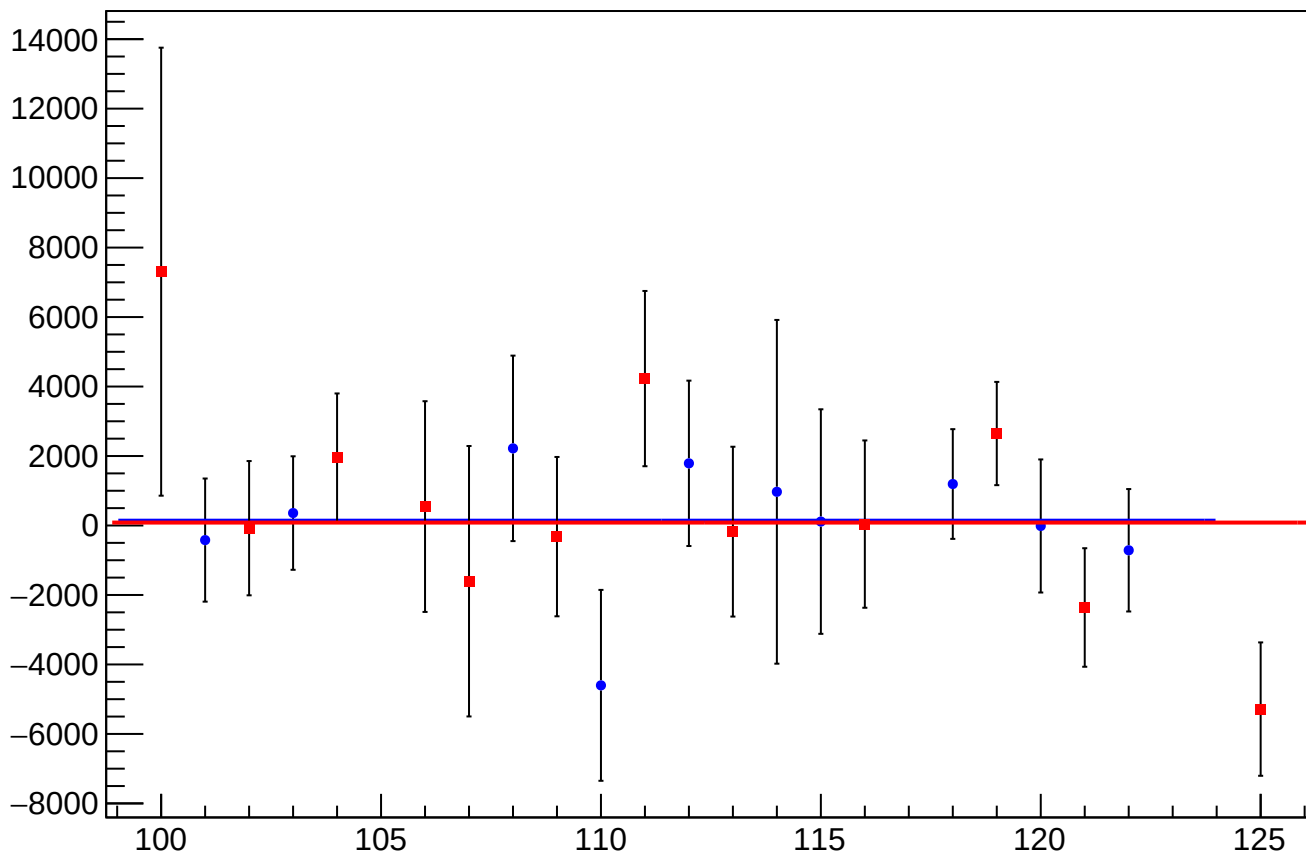
Right: 584.061+/-0.153 χ^2/NDF : 2396619.9/21

In: 602.743+/-0.231 χ^2/NDF :1145633.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 584.061+/-0.153 χ^2/NDF : 2396619.9/21

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: 84.234+/-630.814 χ^2/NDF : 18.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

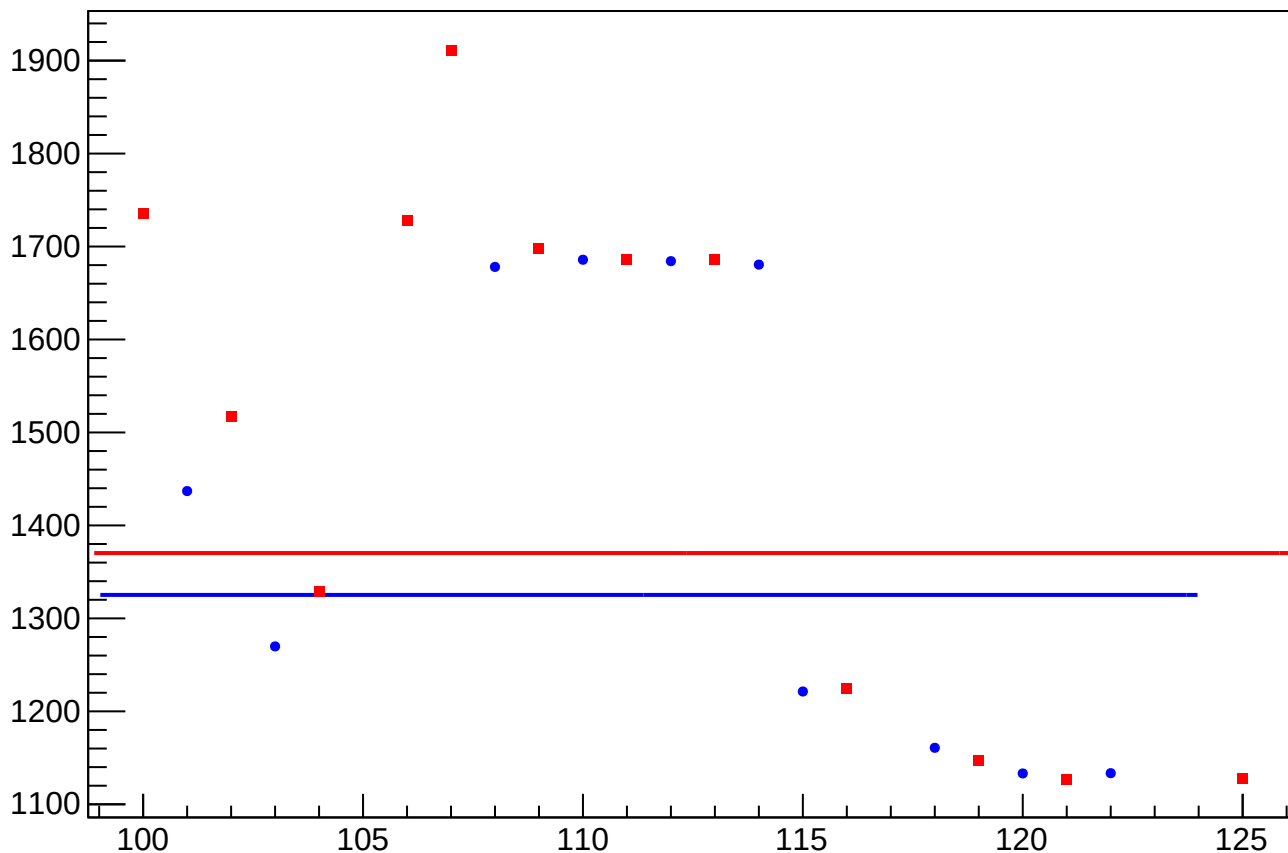
Right: 109.881+/-457.026 χ^2/NDF : 23.0/21

In: 138.217+/-663.054 χ^2/NDF : 4.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.881+/-457.026 χ^2/NDF : 23.0/21

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: 1370.290+/-0.446 χ^2/NDF : 316110.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

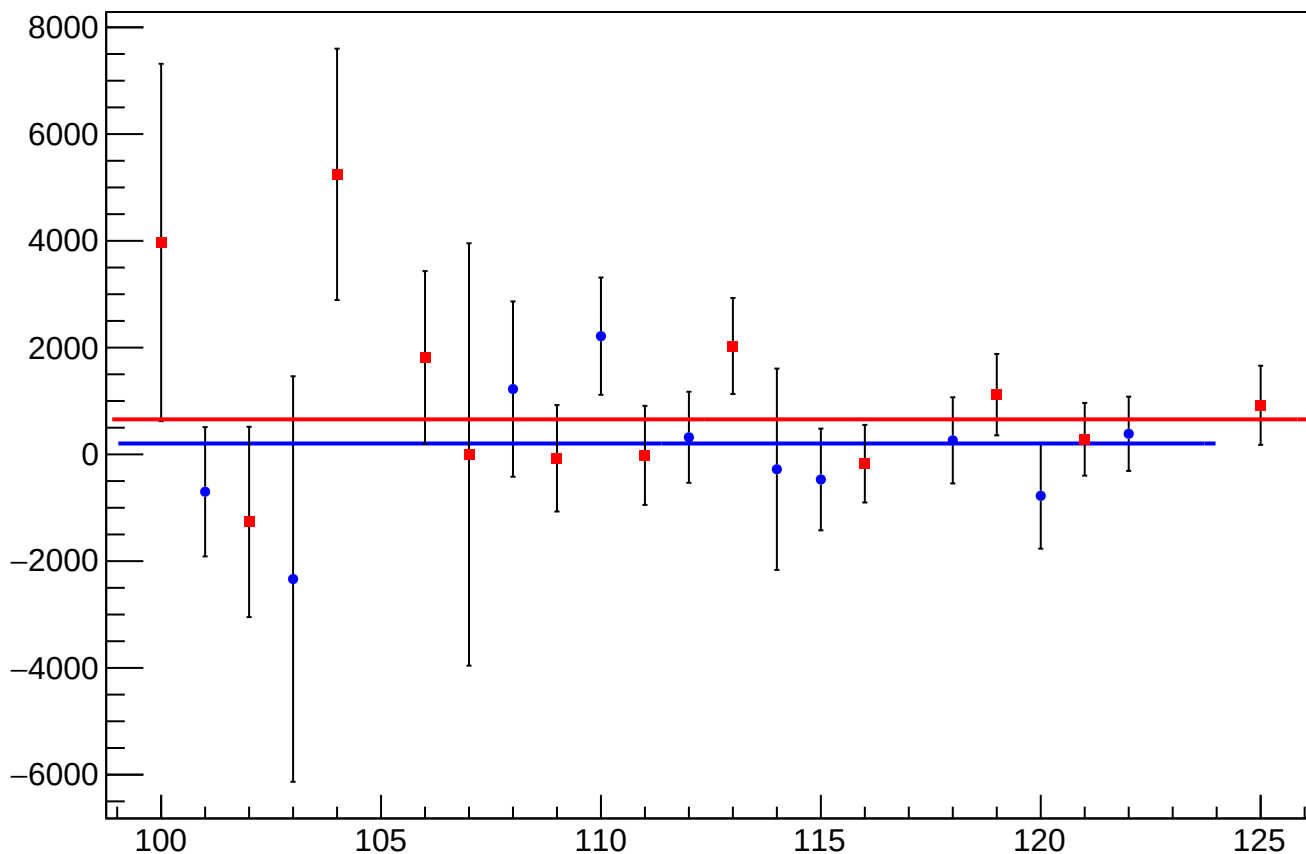
Right: 1348.890+/-0.323 χ^2/NDF : 523956.4/21

In: 1325.245+/-0.469 χ^2/NDF : 203001.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1348.890+/-0.323 χ^2/NDF : 523956.4/21

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: 656.142+/-288.393 χ^2/NDF : 12.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

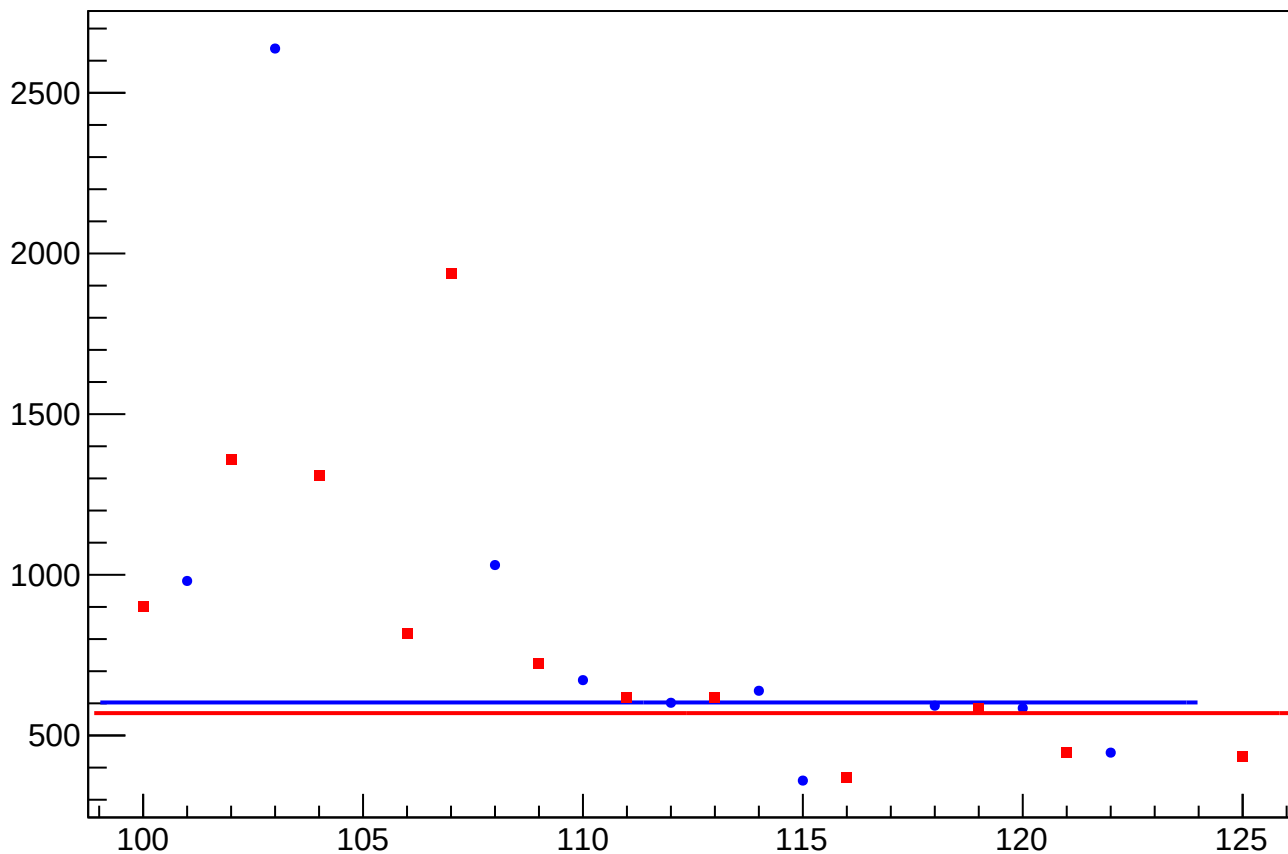
Right: 458.531+/-216.403 χ^2/NDF : 19.4/21

In: 203.878+/-327.381 χ^2/NDF : 6.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 458.531+/-216.403 χ^2/NDF : 19.4/21

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: 569.563+/-0.204 χ^2/NDF : 1239418.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

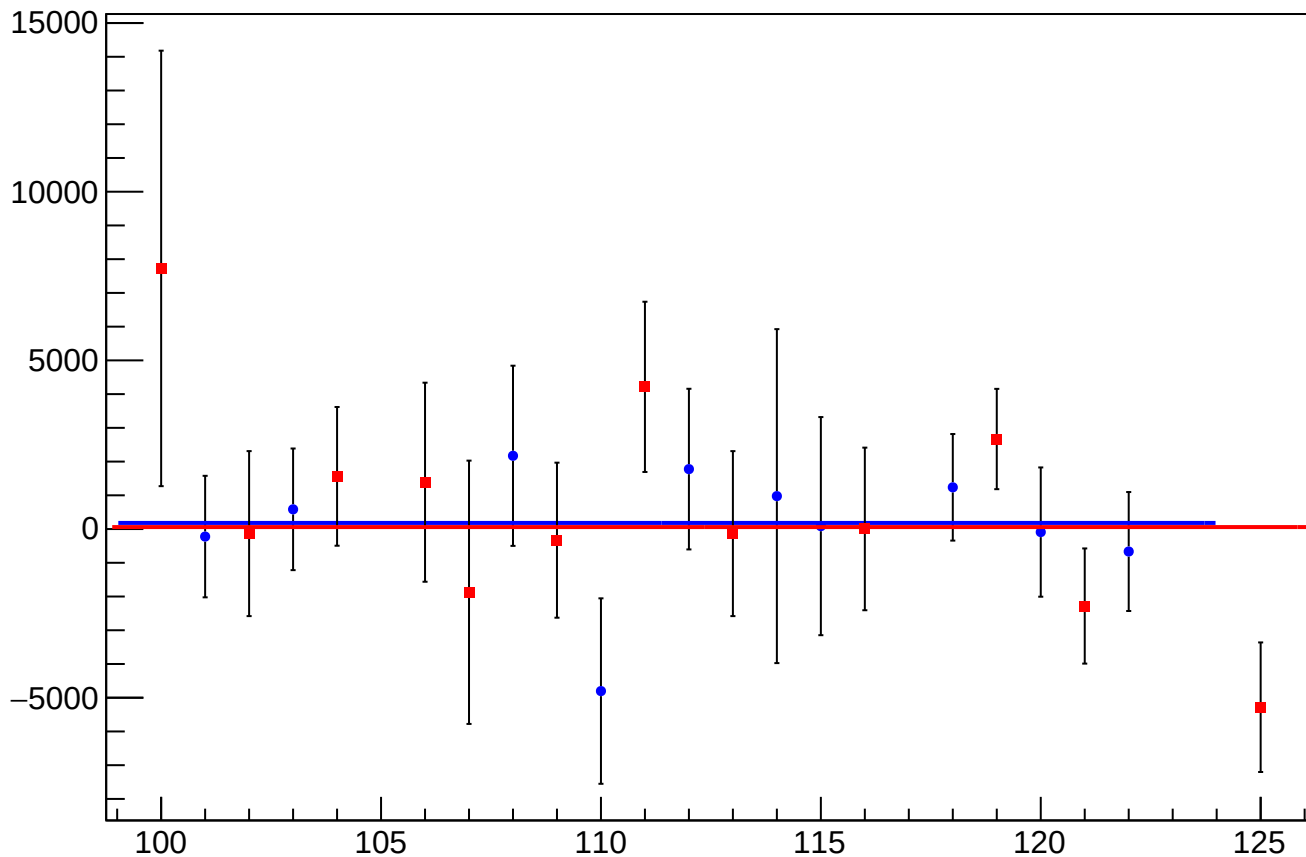
Right: 584.061+/-0.153 χ^2/NDF : 2396619.9/21

In: 602.743+/-0.231 χ^2/NDF : 1145633.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 584.061+/-0.153 χ^2/NDF : 2396619.9/21

dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 181.658+/-674.785 χ^2/NDF : 5.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.635+/-650.833 χ^2/NDF : 17.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

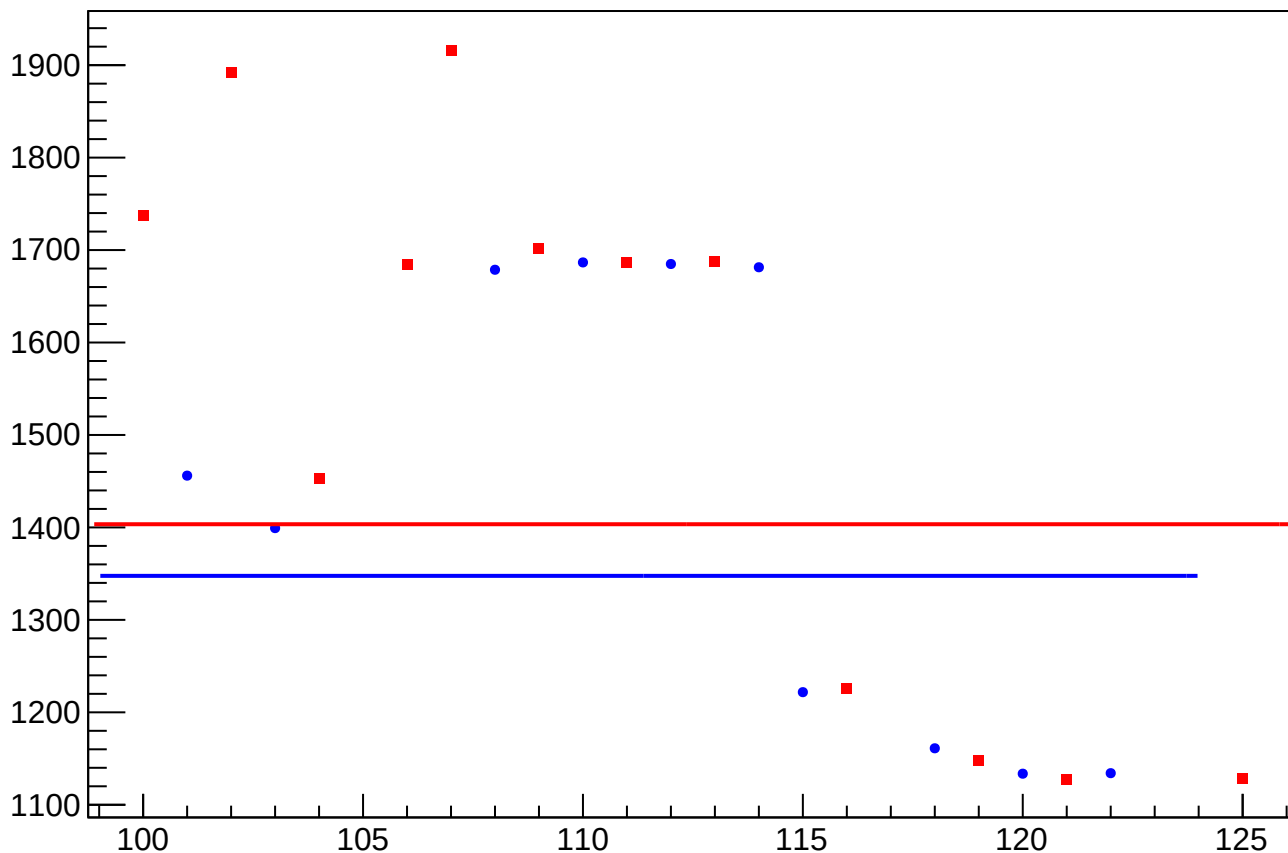
Right: 117.924+/-468.447 χ^2/NDF : 23.0/21

In: 181.658+/-674.785 χ^2/NDF : 5.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.924+/-468.447 χ^2/NDF : 23.0/21

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: 1403.450+/-0.460 χ^2/NDF : 388083.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

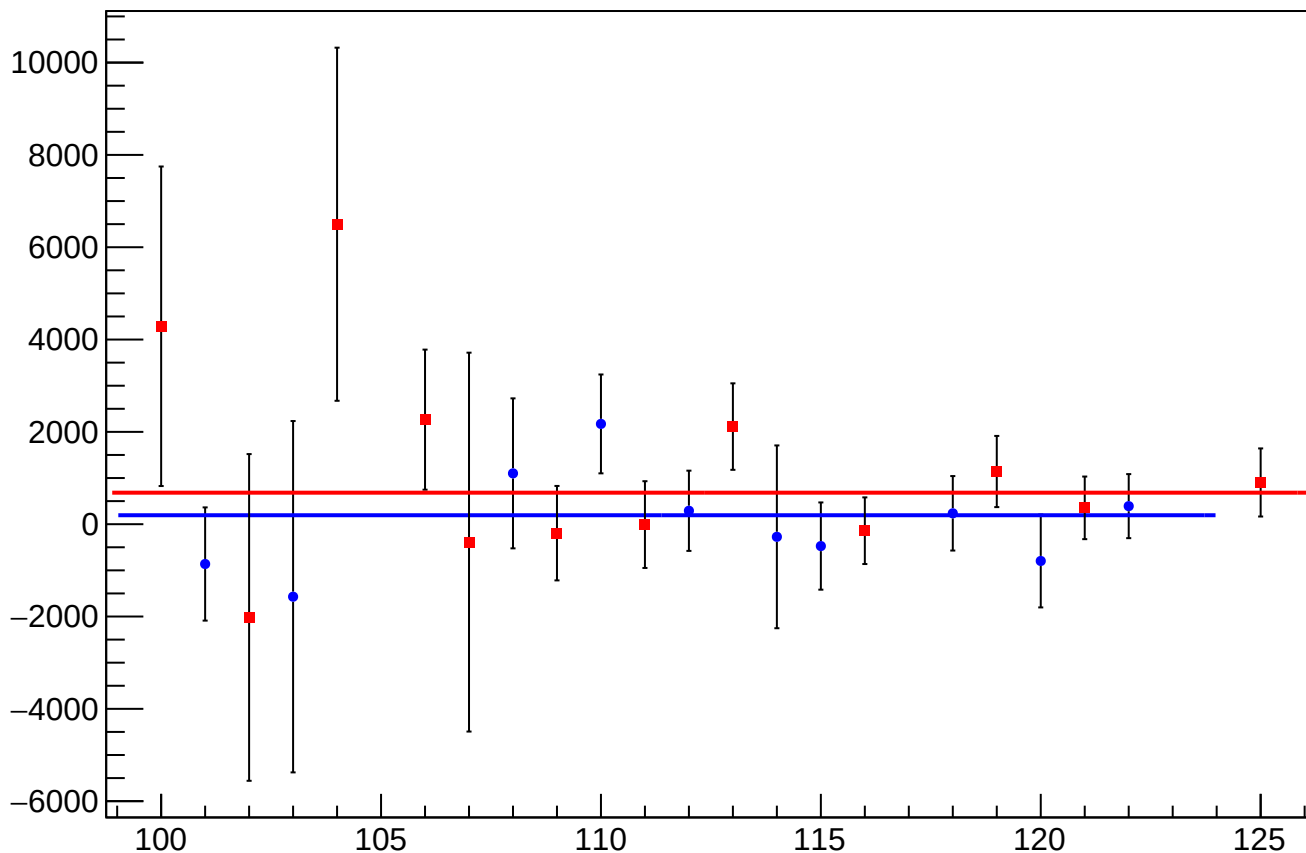
Right: 1376.539+/-0.331 χ^2/NDF : 599610.6/21

In: 1347.611+/-0.477 χ^2/NDF : 204432.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1376.539+/-0.331 χ^2/NDF : 599610.6/21

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: 682.757+/-294.038 χ^2/NDF : 10.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

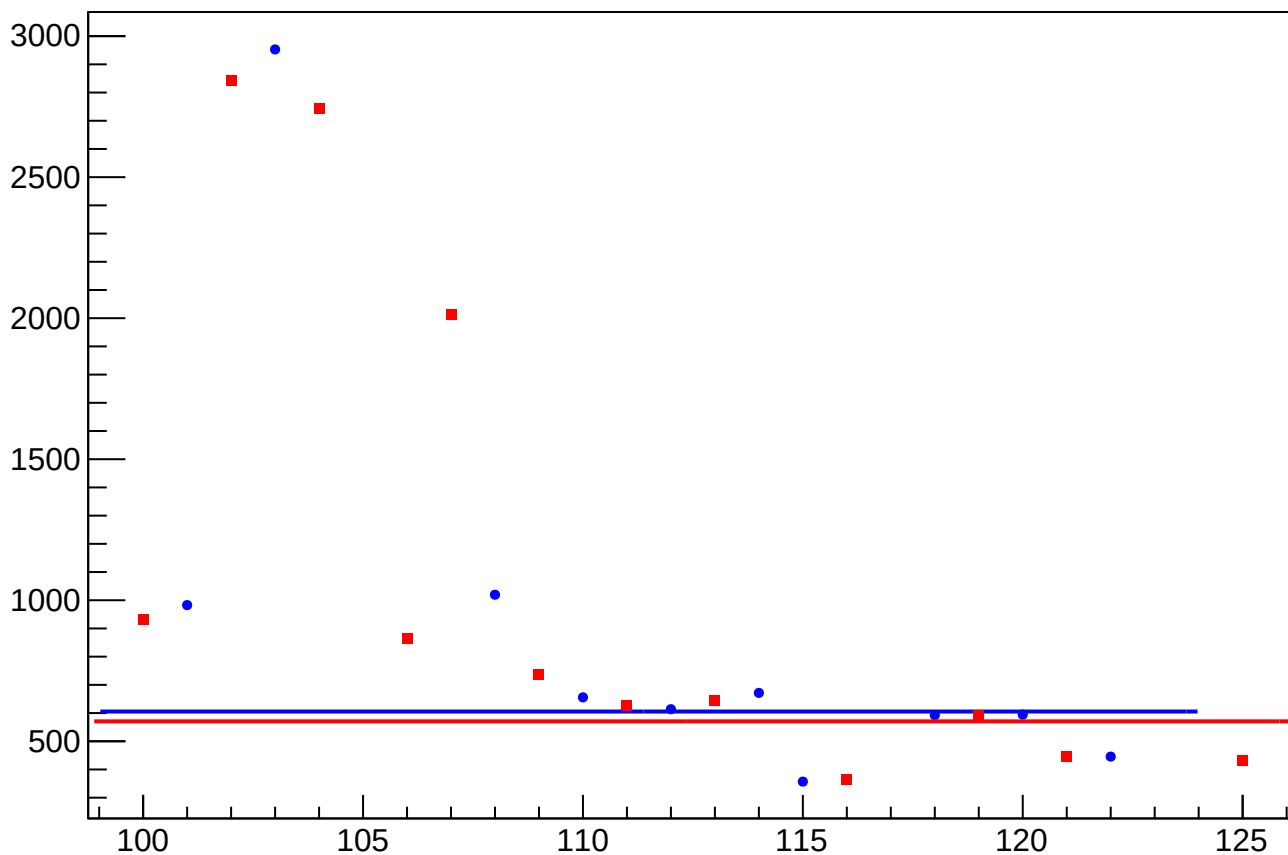
Right: 465.156+/-218.987 χ^2/NDF : 18.3/21

In: 194.138+/-328.150 χ^2/NDF :6.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 465.156+/-218.987 χ^2/NDF : 18.3/21

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: 570.609+/-0.208 χ^2/NDF : 2187757.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

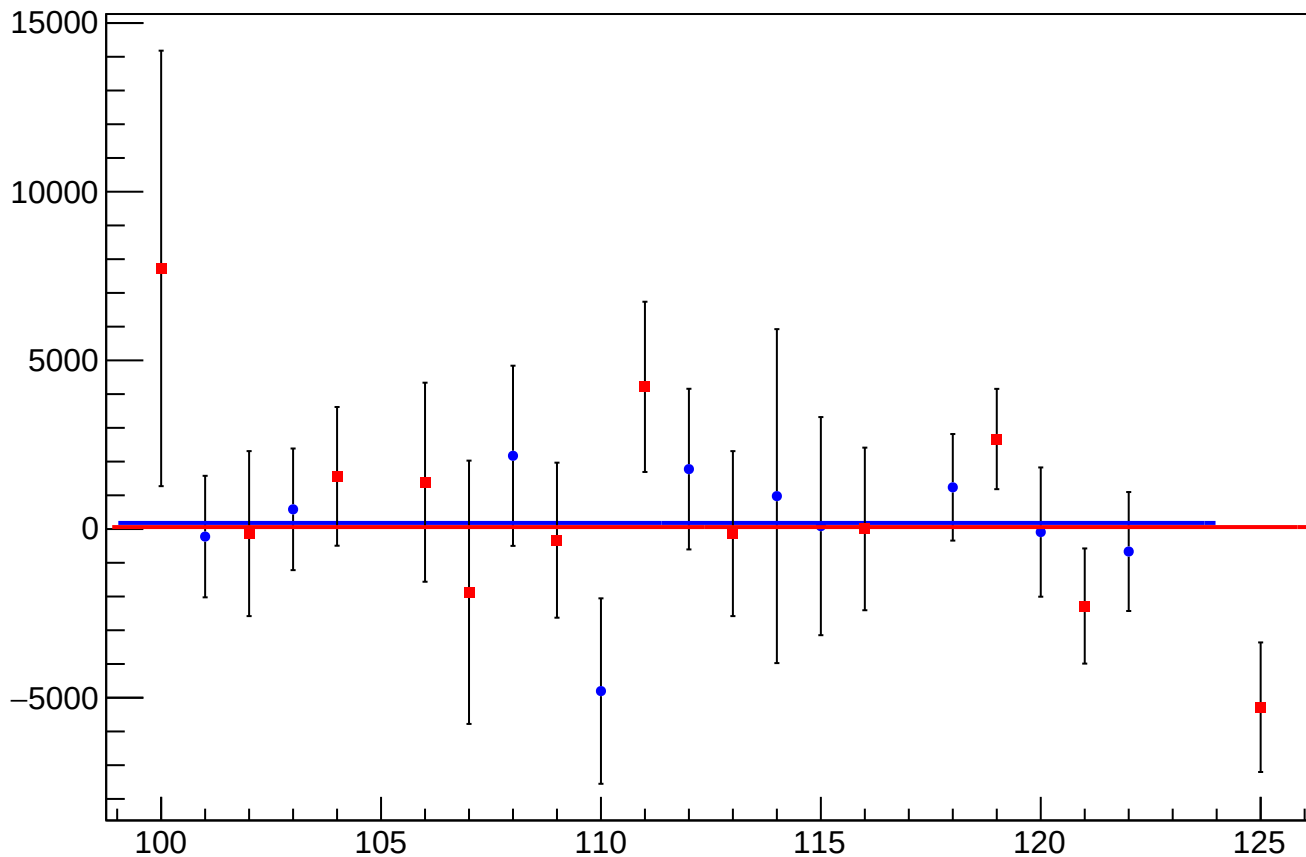
Right: 586.141+/-0.155 χ^2/NDF : 3532655.2/21

In: 605.486+/-0.232 χ^2/NDF : 1332366.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 586.141+/-0.155 χ^2/NDF : 3532655.2/21

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: 58.635+/-650.833 χ^2/NDF : 17.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

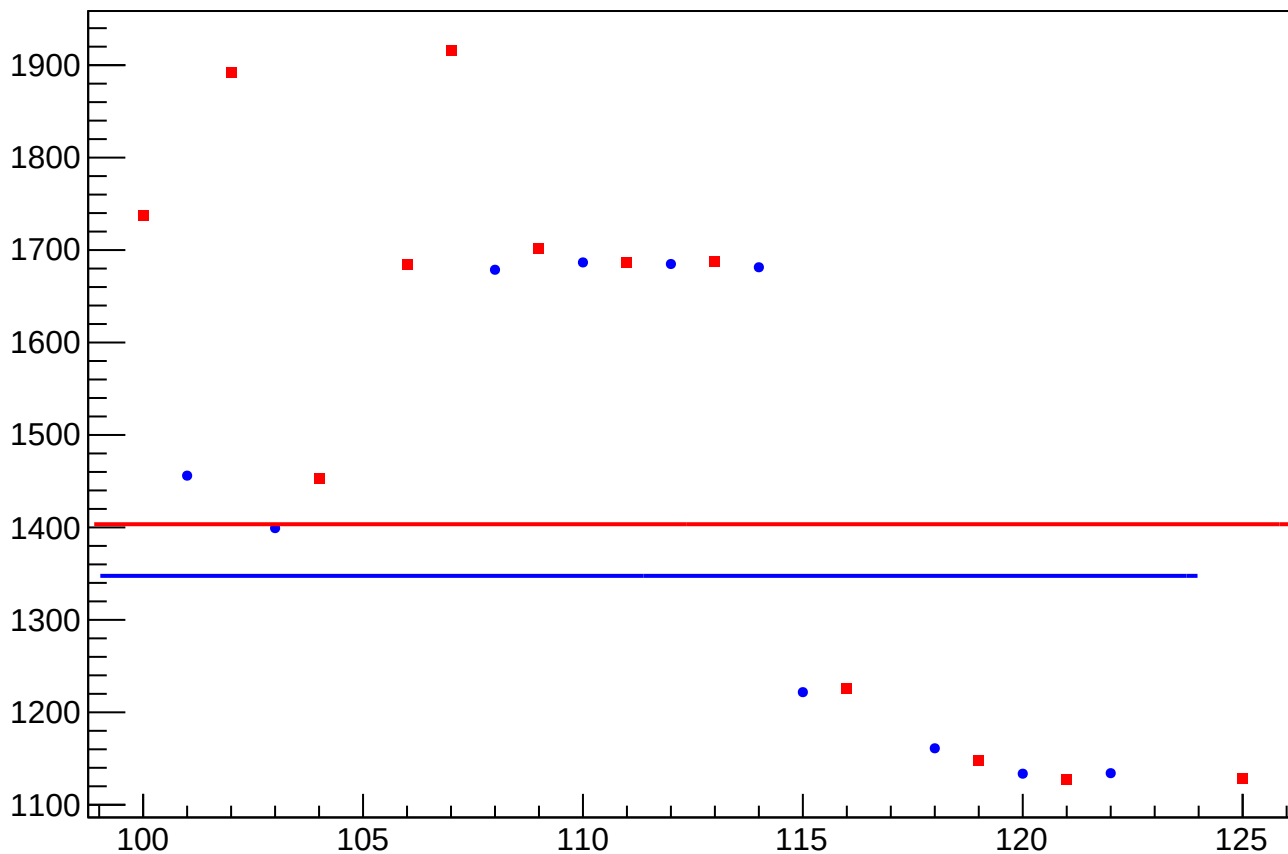
Right: 117.925+/-468.447 χ^2/NDF : 23.0/21

In: 181.659+/-674.785 χ^2/NDF : 5.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.925+/-468.447 χ^2/NDF : 23.0/21

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: 1403.449+/-0.460 χ^2/NDF : 388083.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

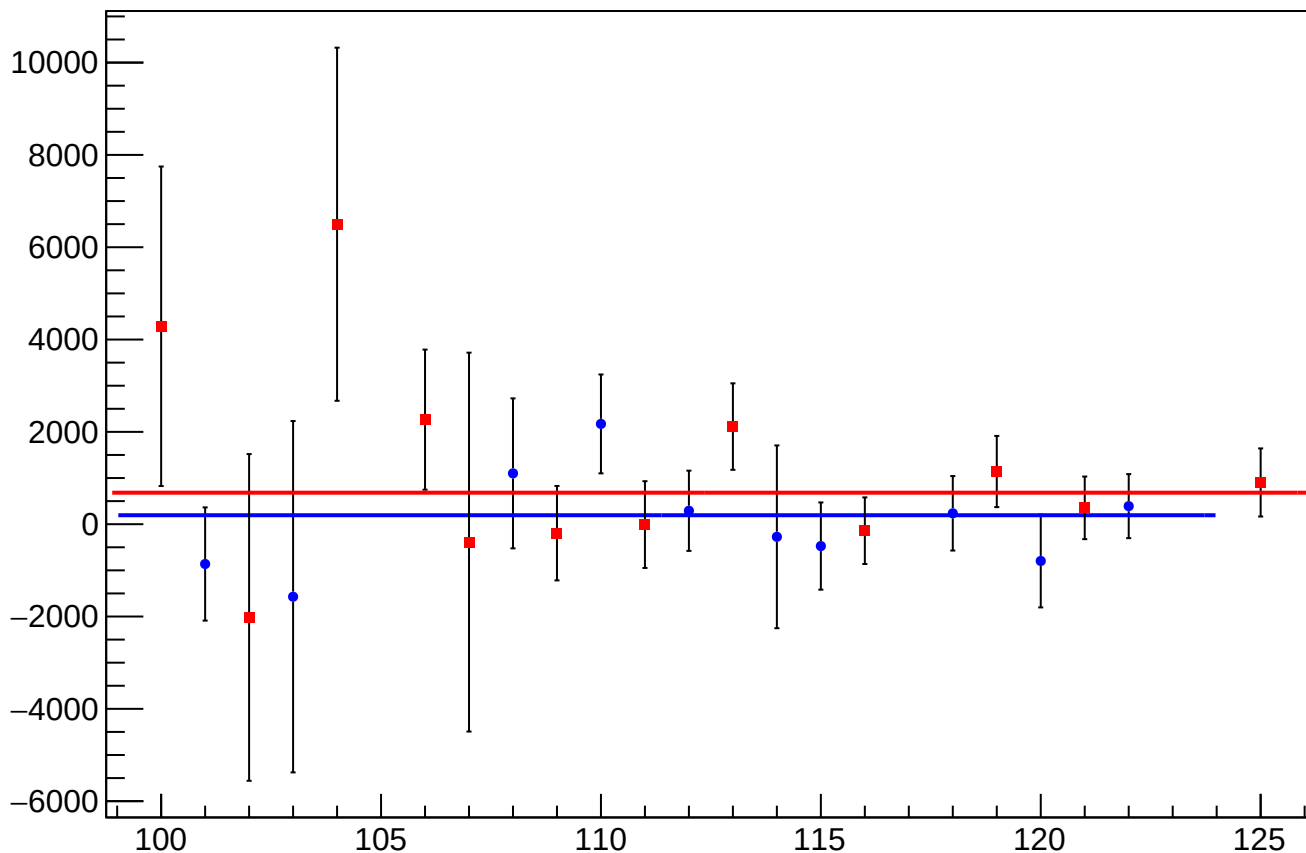
Right: 1376.539+/-0.331 χ^2/NDF : 599610.2/21

In: 1347.611+/-0.477 χ^2/NDF : 204432.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1376.539+/-0.331 χ^2/NDF : 599610.2/21

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: 682.756+/-294.038 χ^2/NDF : 10.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

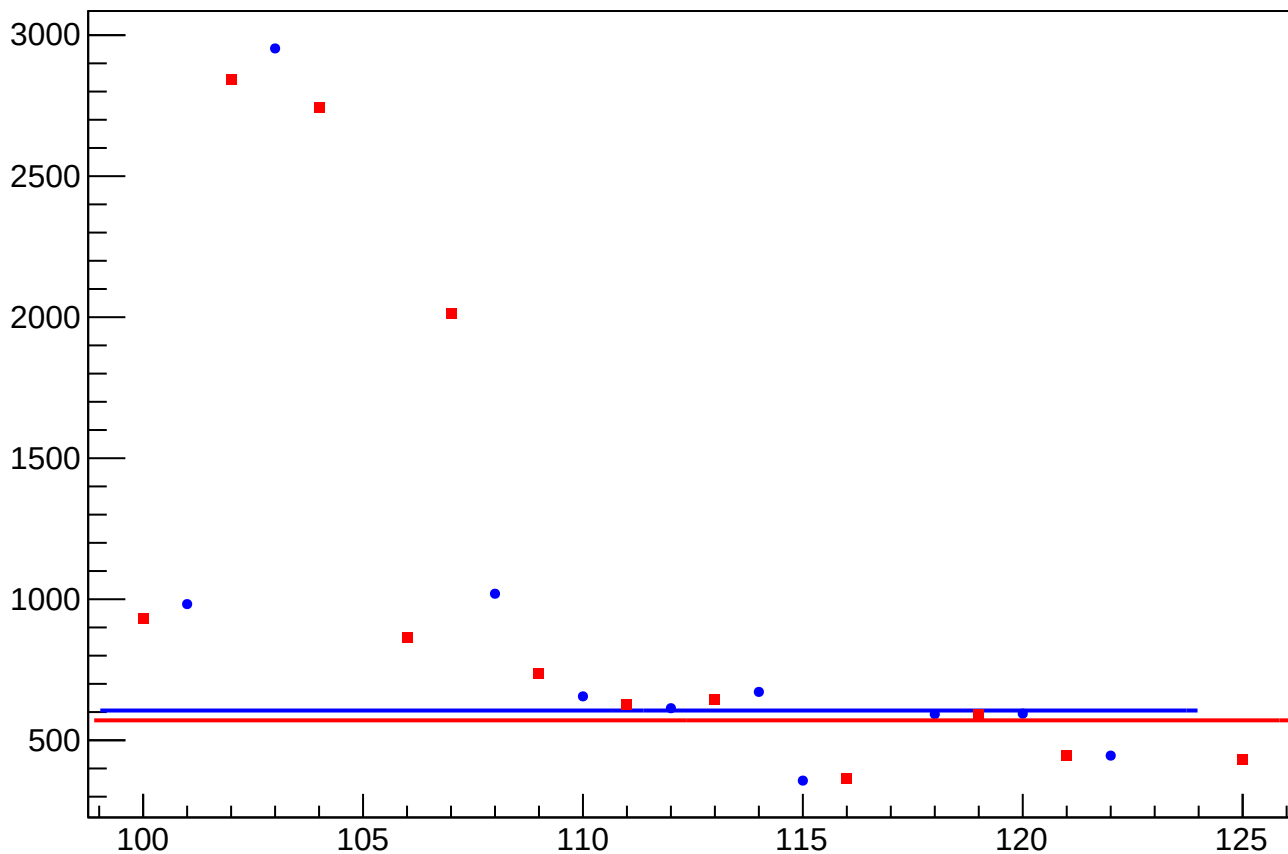
Right: 465.155+/-218.987 χ^2/NDF : 18.3/21

In: 194.138+/-328.150 χ^2/NDF :6.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 465.155+/-218.987 χ^2/NDF : 18.3/21

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: 570.608+/-0.208 χ^2/NDF : 2187758.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

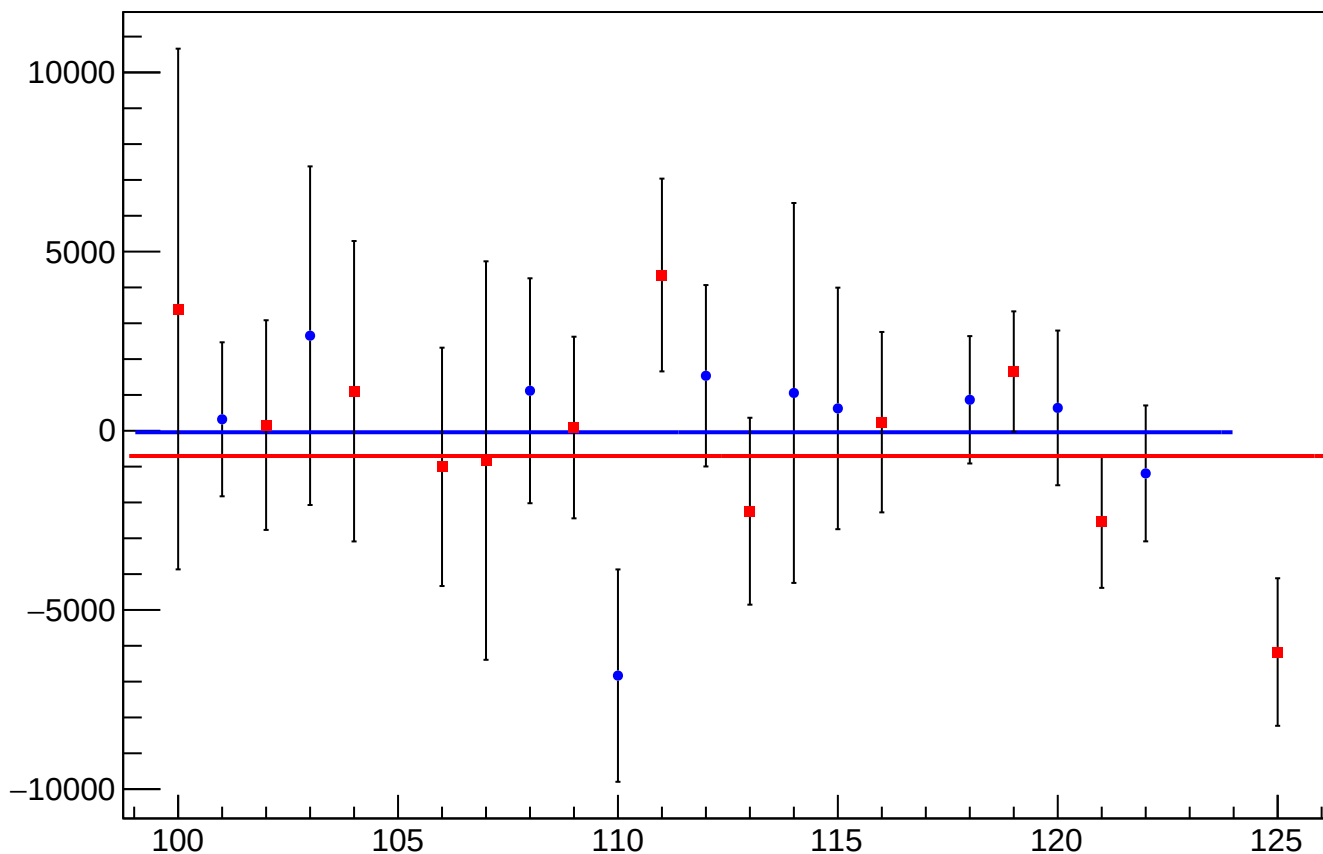
Right: 586.141+/-0.155 χ^2/NDF : 3532654.8/21

In: 605.486+/-0.232 χ^2/NDF : 1332365.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 586.141+/-0.155 χ^2/NDF : 3532654.8/21

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: -703.886 ± 745.825 χ^2/NDF : 14.7/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

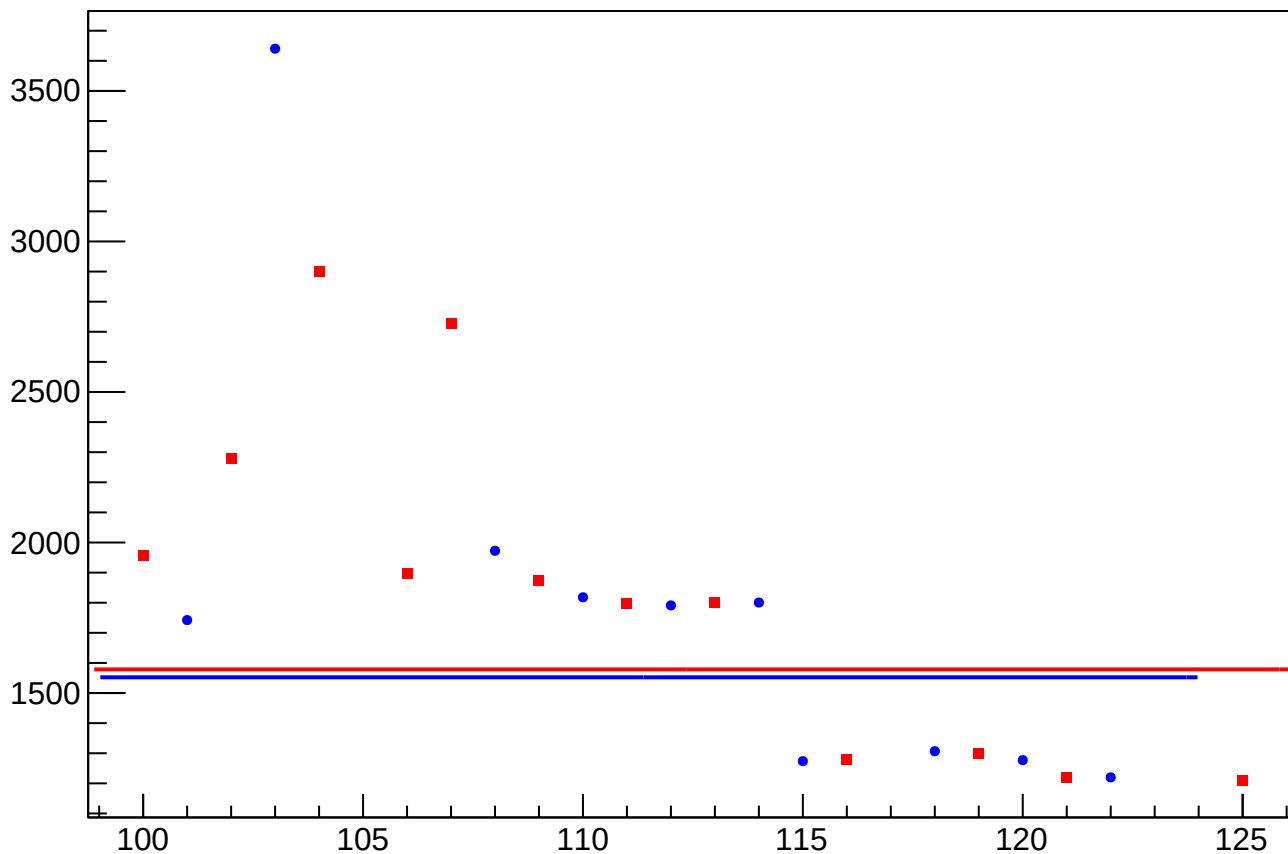
Right: -395.377 ± 545.261 χ^2/NDF : 22.0/21

In: -41.160 ± 799.167 χ^2/NDF : 6.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -395.377 ± 545.261 χ^2/NDF : 22.0/21

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: 1578.501+/-0.527 χ^2/NDF : 701378.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

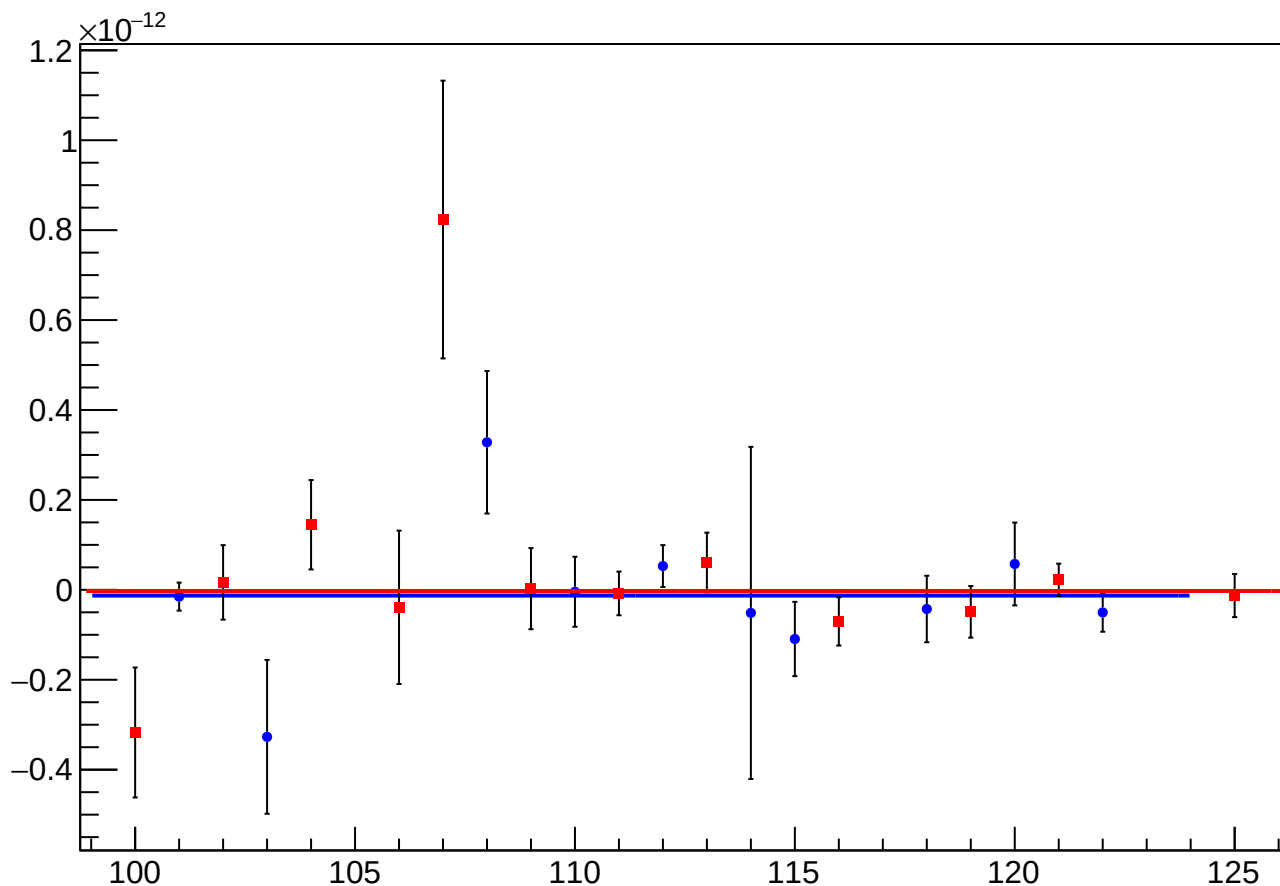
Right: 1566.289+/-0.386 χ^2/NDF : 1328787.4/21

In: 1552.268+/-0.565 χ^2/NDF : 626257.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1566.289+/-0.386 χ^2/NDF : 1328787.4/21

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 : 17.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

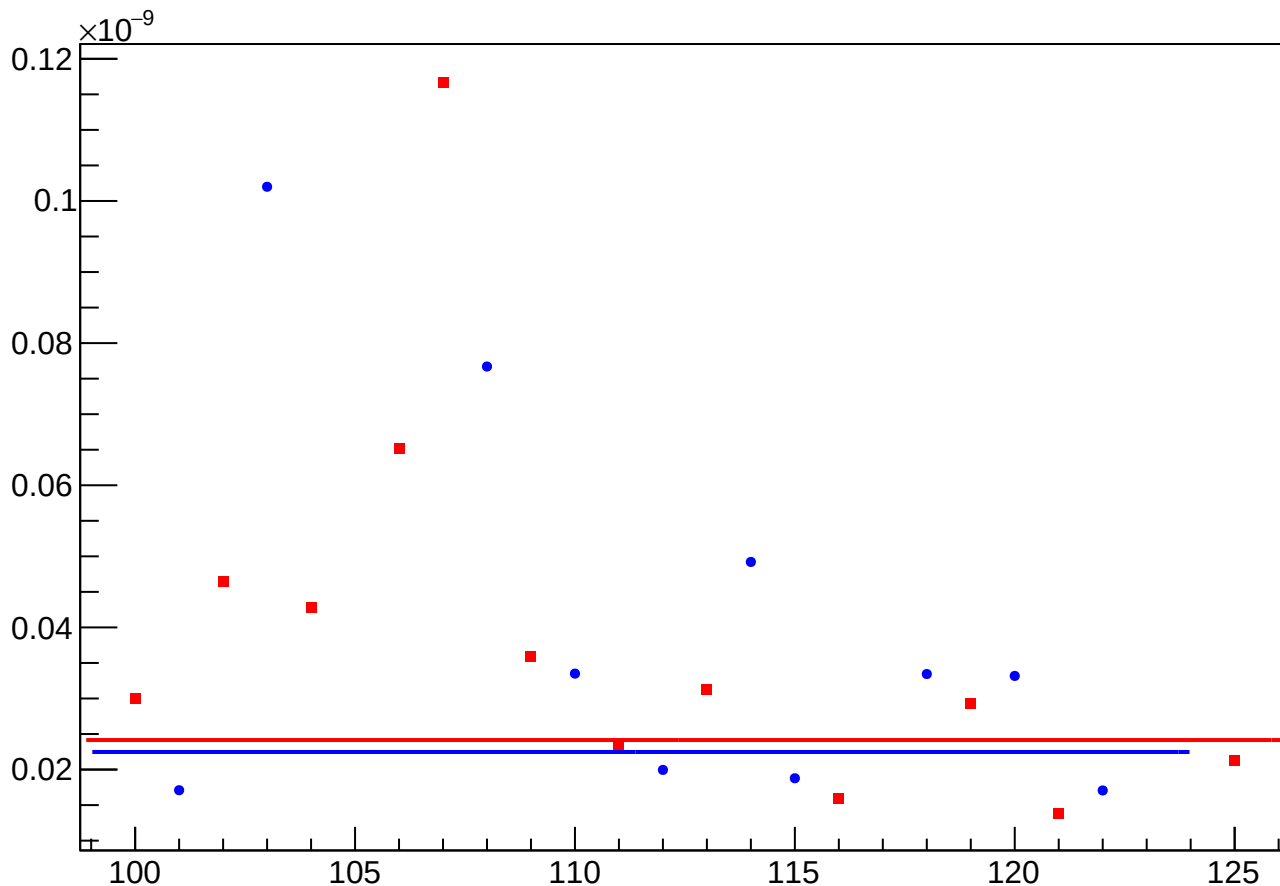
Right: -0.000+/-0.000 χ^2/NDF : 30.9/21

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 : 30.9/21

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 : 806947.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

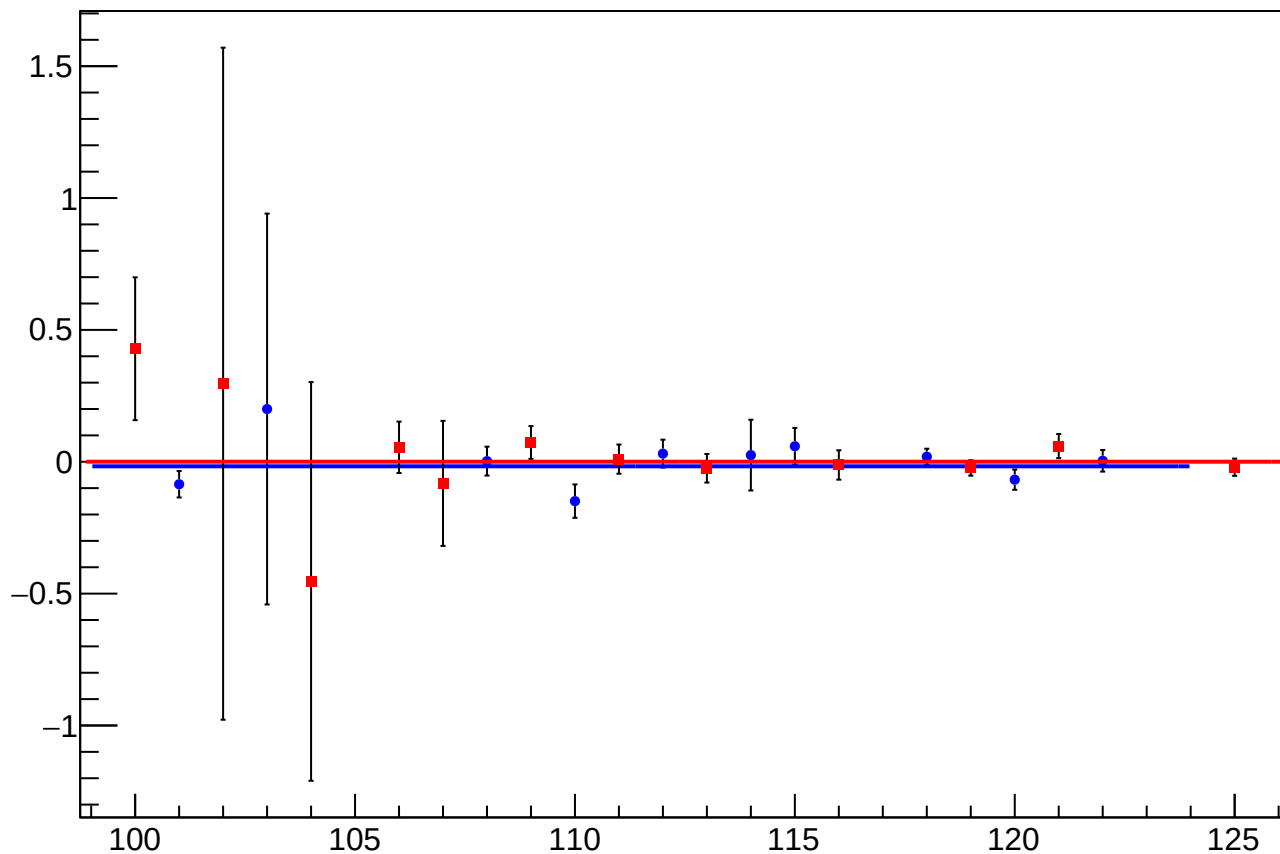
Right: 0.000+/-0.000 χ^2/NDF : 1704082.5/21

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 : 1704082.5/21

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: 0.000+/-0.016 χ^2/NDF : 7.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

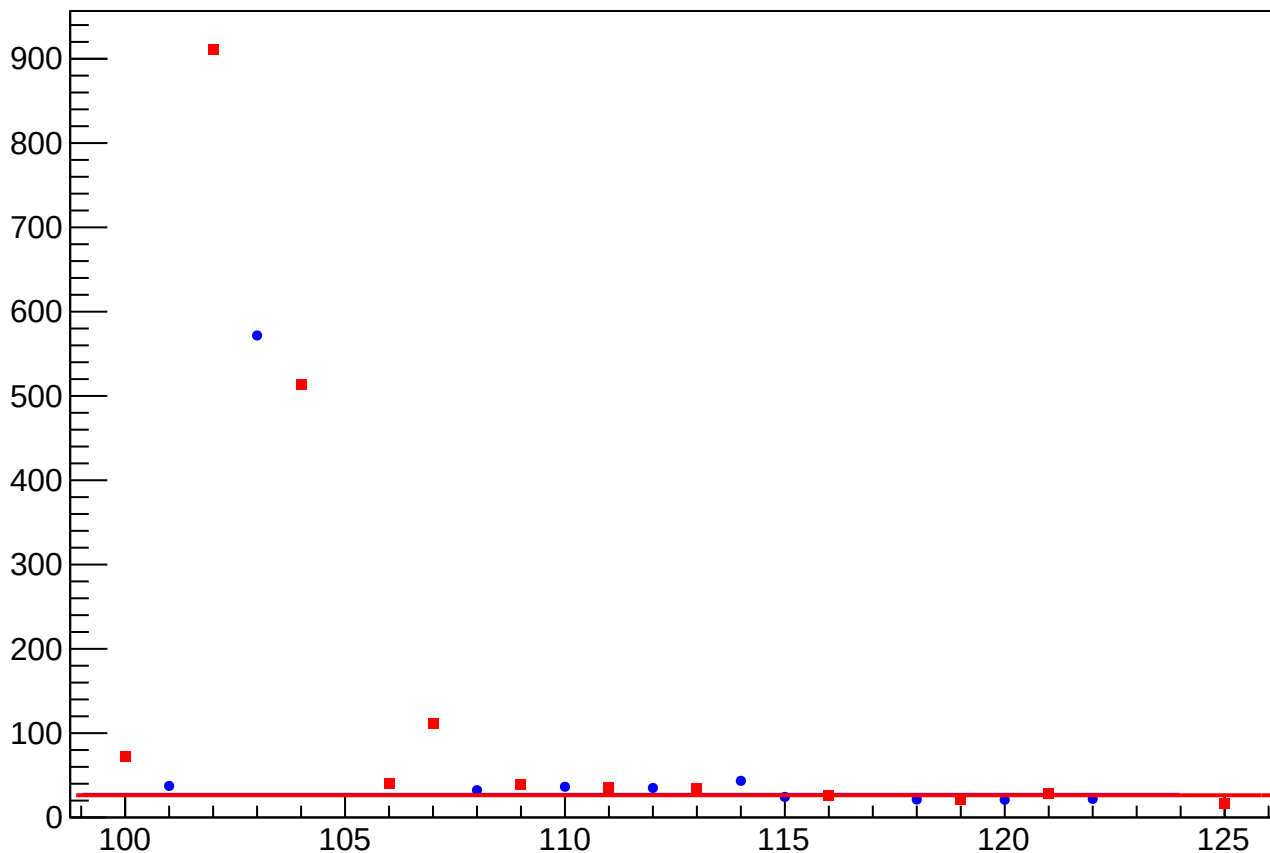
Right: -0.008+/-0.011 χ^2/NDF : 20.3/21

In: -0.017+/-0.016 χ^2/NDF :12.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.008+/-0.011 χ^2/NDF : 20.3/21

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: 26.345+/-0.011 χ^2/NDF : 2574658.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

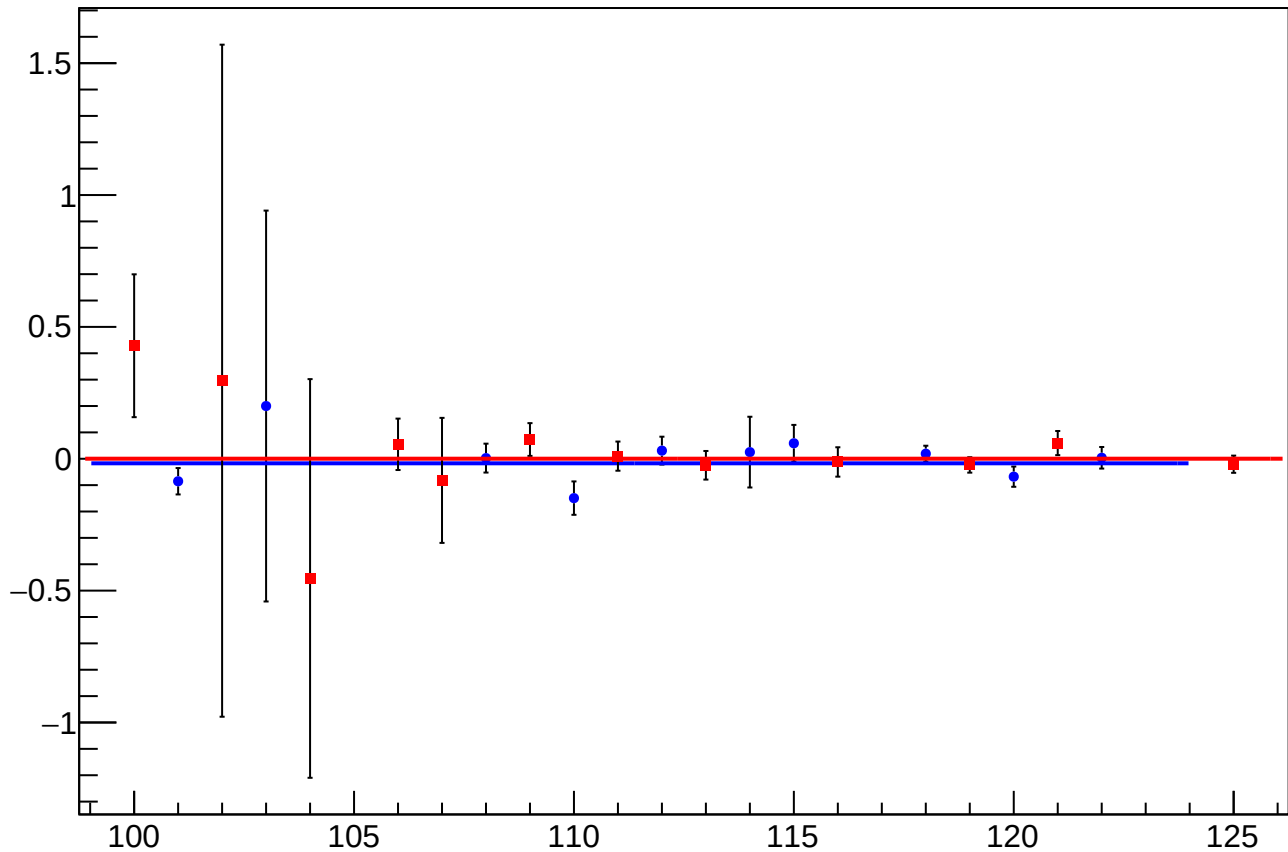
Right: 26.575+/-0.008 χ^2/NDF : 4035028.1/21

In: 26.805+/-0.011 χ^2/NDF :1459528.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 26.575+/-0.008 χ^2/NDF : 4035028.1/21

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: 0.000+/-0.016 χ^2/NDF : 7.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

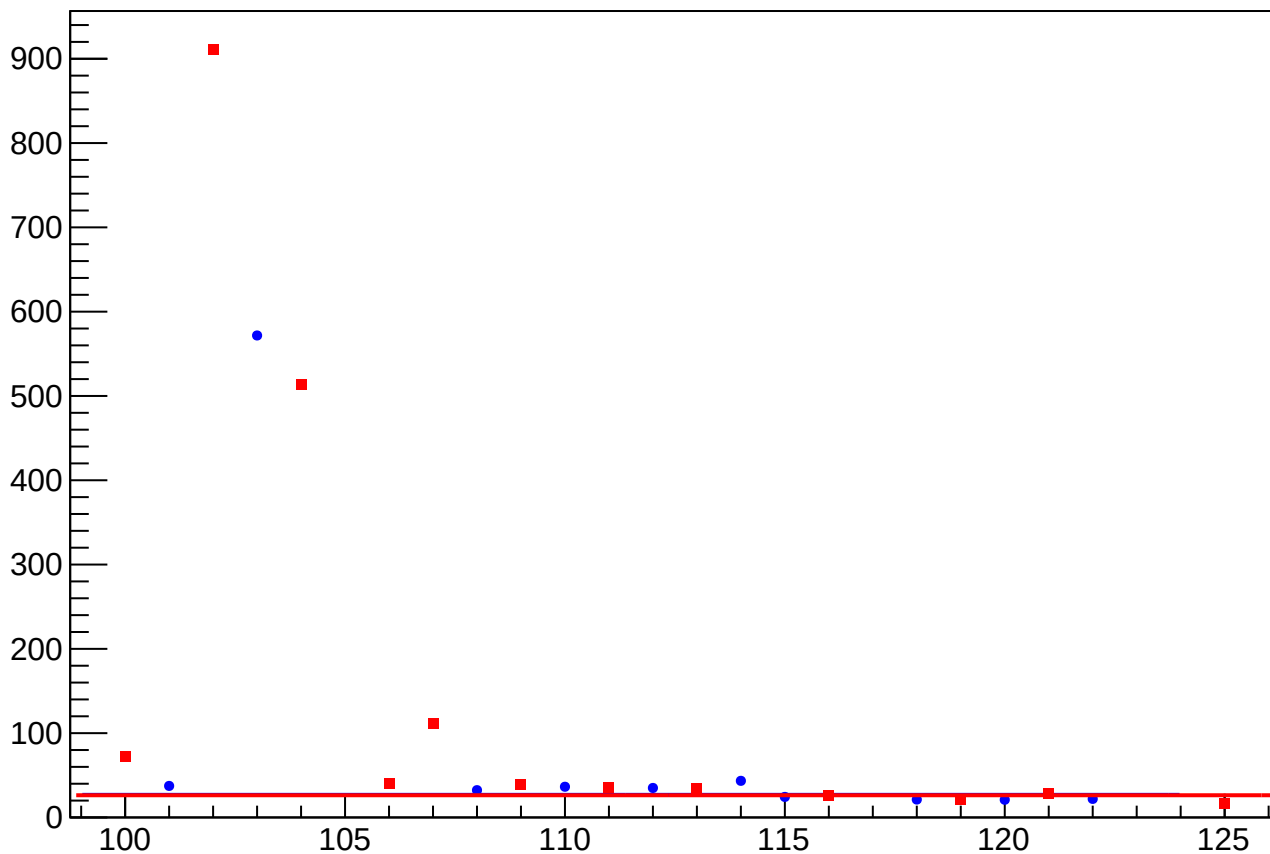
Right: -0.008+/-0.011 χ^2/NDF : 20.3/21

In: -0.017+/-0.016 χ^2/NDF :12.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.008+/-0.011 χ^2/NDF : 20.3/21

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: 26.345+/-0.011 χ^2/NDF : 2574658.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

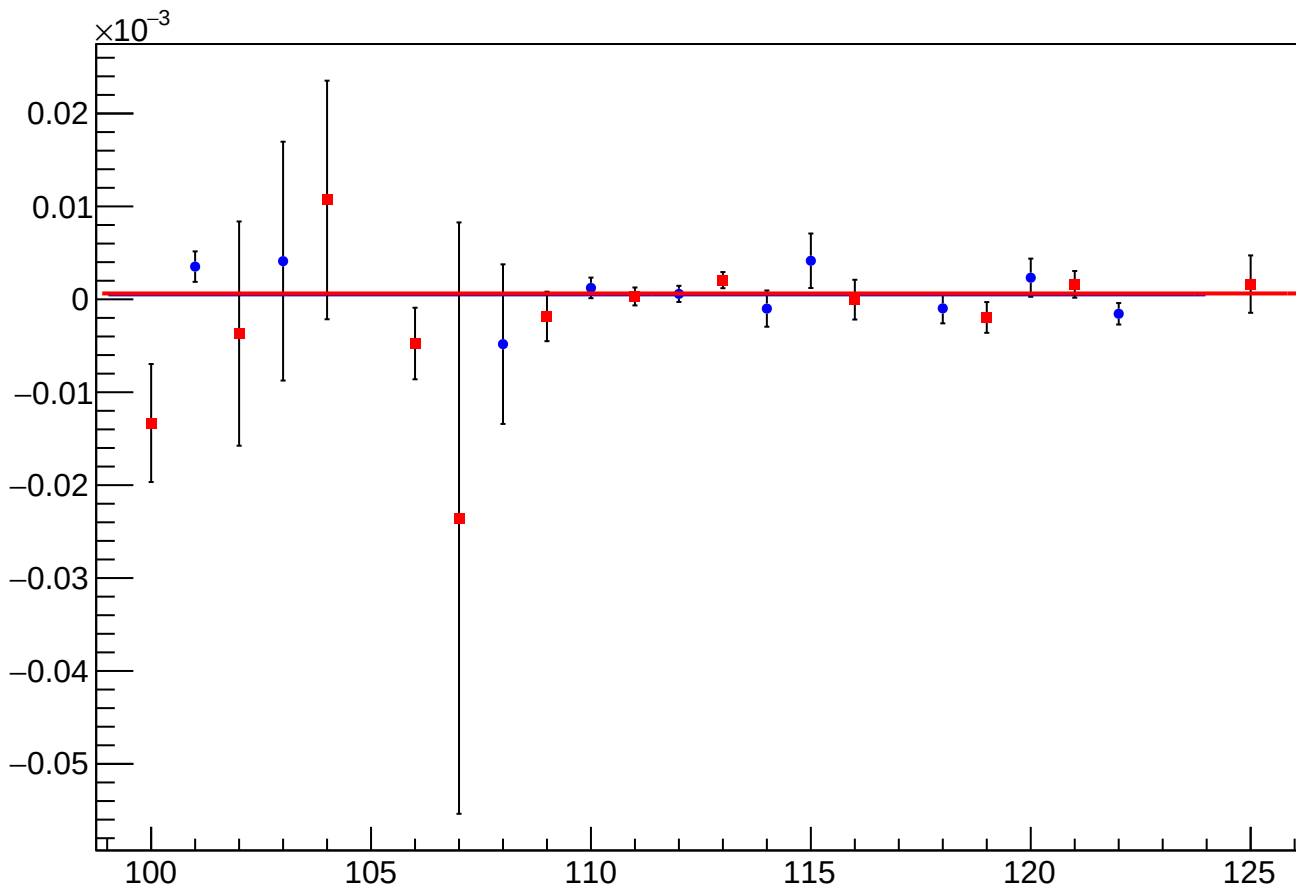
Right: 26.575+/-0.008 χ^2/NDF : 4035028.1/21

In: 26.805+/-0.011 χ^2/NDF : 1459528.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.575+/-0.008 χ^2/NDF : 4035028.1/21

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 : 14.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

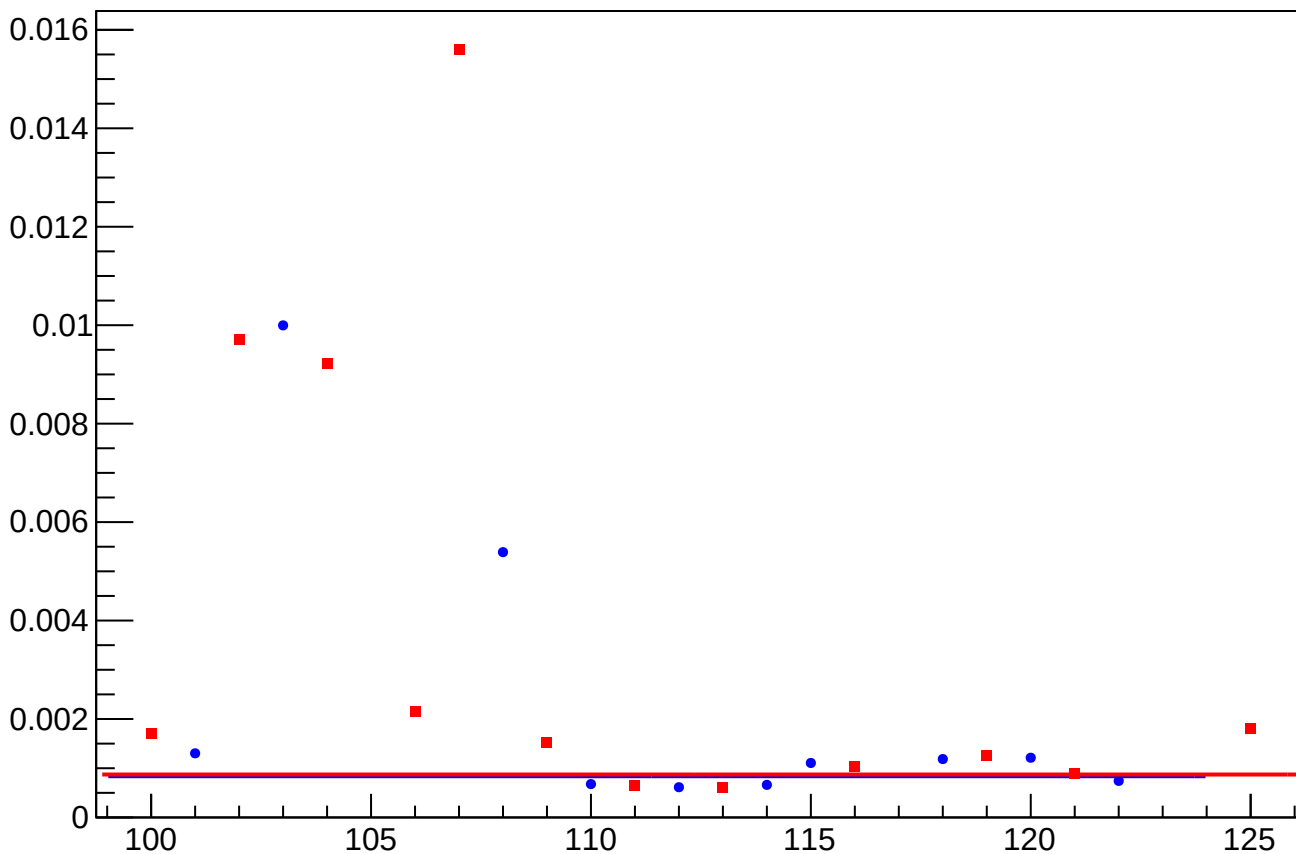
Right: 0.000+/-0.000 χ^2/NDF : 26.1/21

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 : 26.1/21

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 : 3338965.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

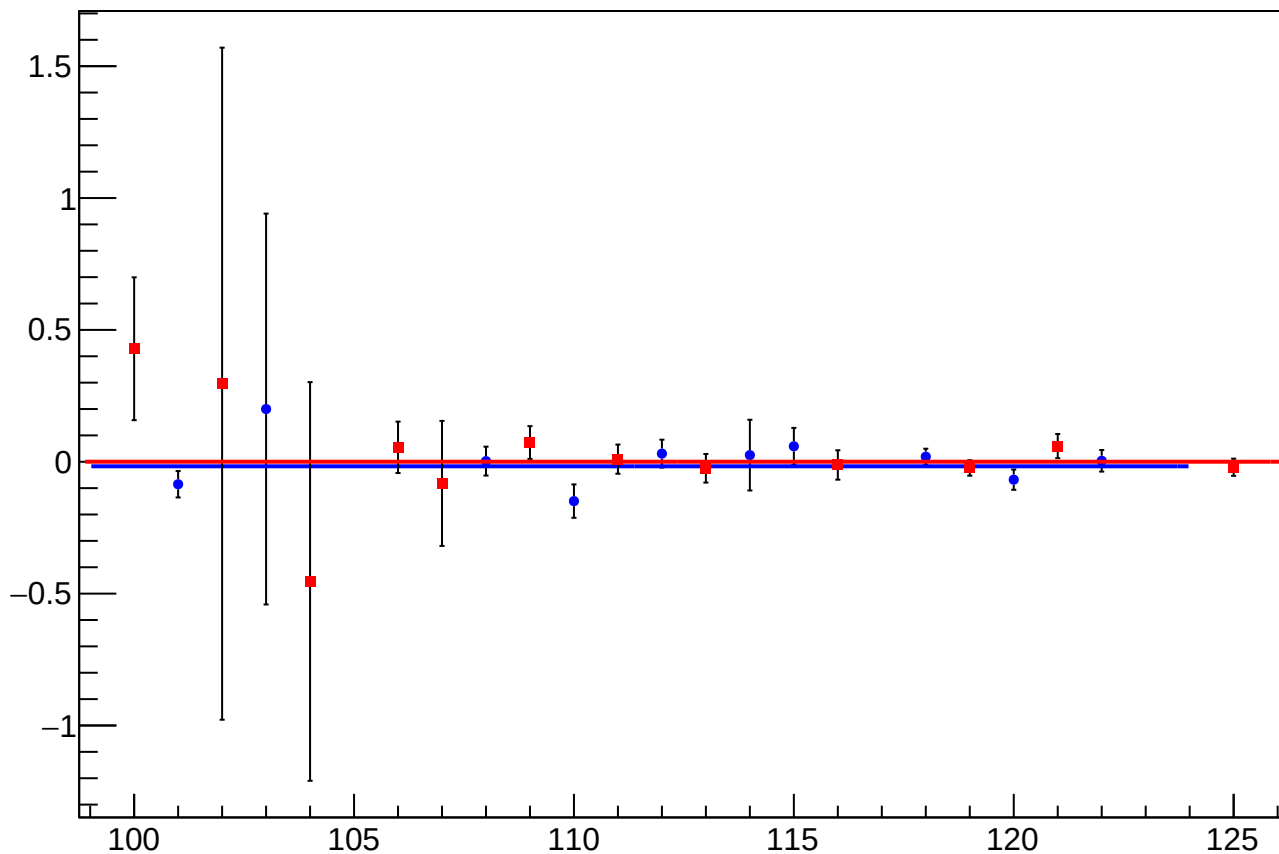
Right: 0.001+/-0.000 χ^2/NDF : 5462695.2/21

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 : 5462695.2/21

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: 0.000+/-0.016 χ^2/NDF : 7.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

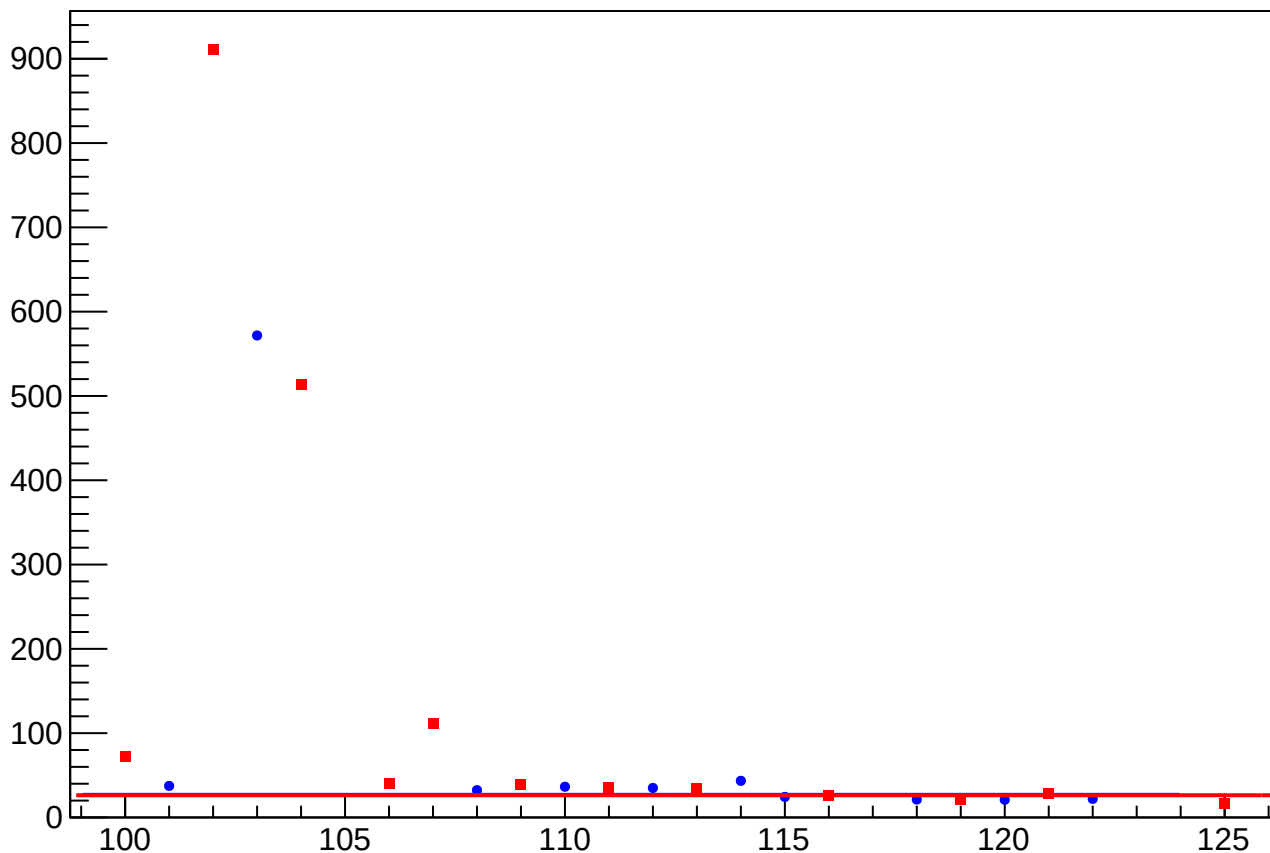
Right: -0.008+/-0.011 χ^2/NDF : 20.3/21

In: -0.017+/-0.016 χ^2/NDF :12.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.008+/-0.011 χ^2/NDF : 20.3/21

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: 26.345+/-0.011 χ^2/NDF : 2574680.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

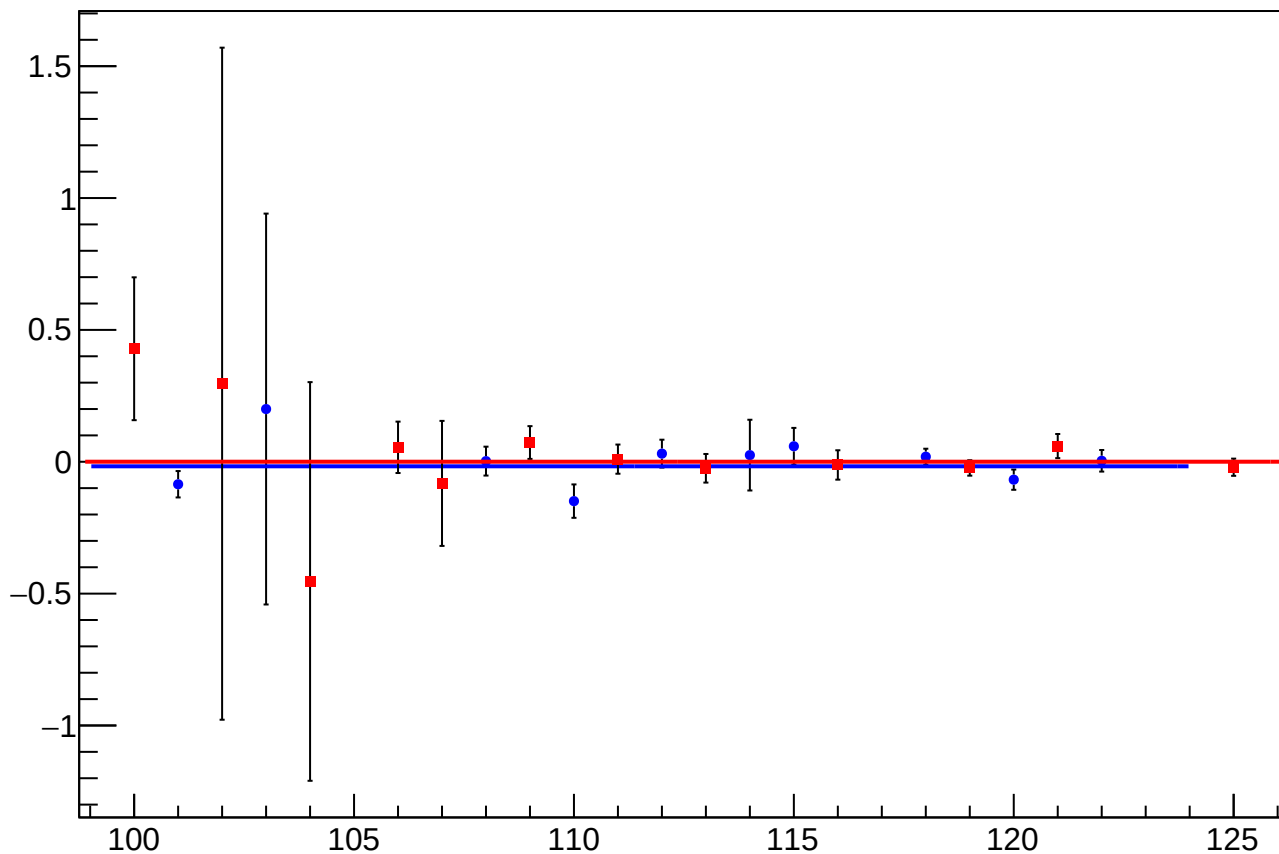
Right: 26.575+/-0.008 χ^2/NDF : 4035053.8/21

In: 26.805+/-0.011 χ^2/NDF :1459531.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 26.575+/-0.008 χ^2/NDF : 4035053.8/21

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: 0.000+/-0.016 χ^2/NDF : 7.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

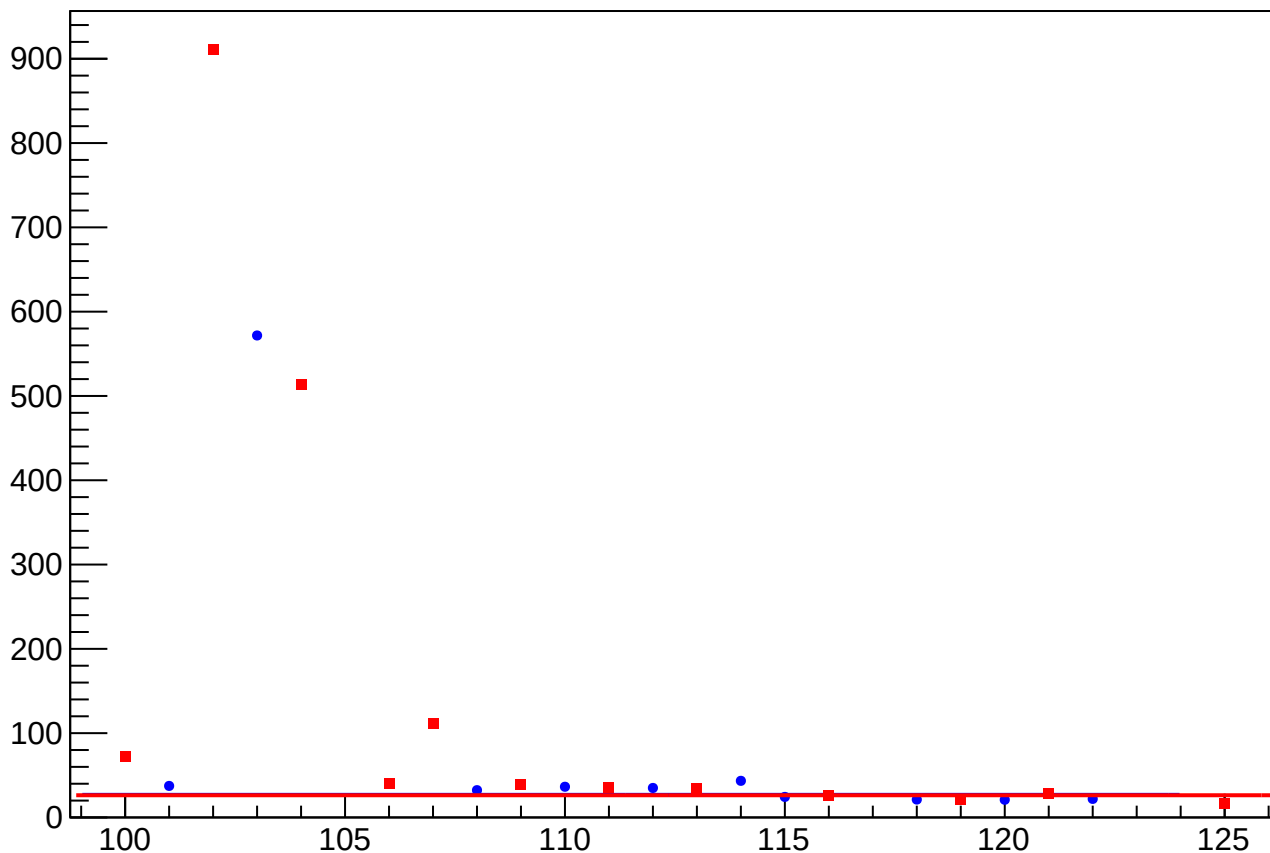
Right: -0.008+/-0.011 χ^2/NDF : 20.3/21

In: -0.017+/-0.016 χ^2/NDF :12.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.008+/-0.011 χ^2/NDF : 20.3/21

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: 26.345+/-0.011 χ^2/NDF : 2574680.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

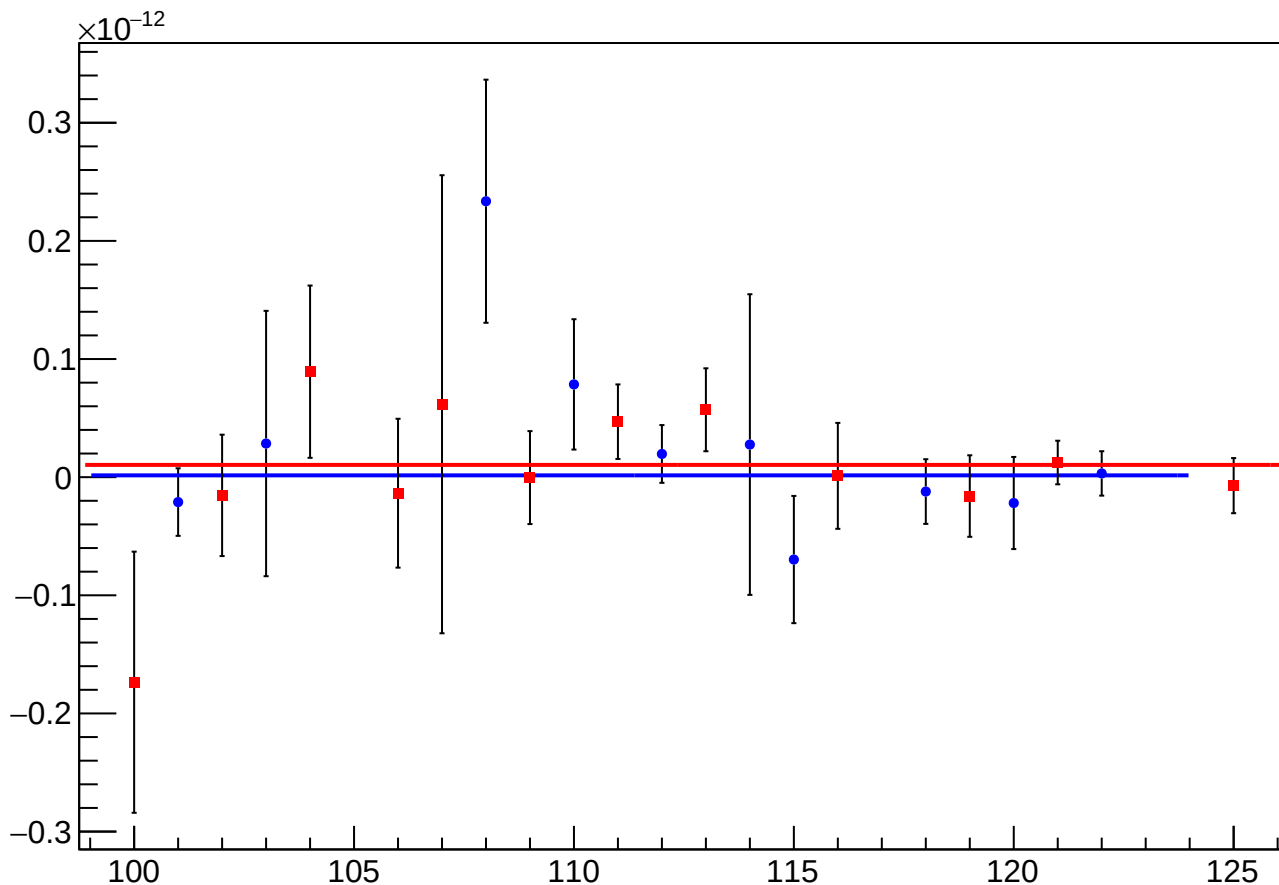
Right: 26.575+/-0.008 χ^2/NDF : 4035053.8/21

In: 26.805+/-0.011 χ^2/NDF :1459531.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 26.575+/-0.008 χ^2/NDF : 4035053.8/21

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 : 8.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

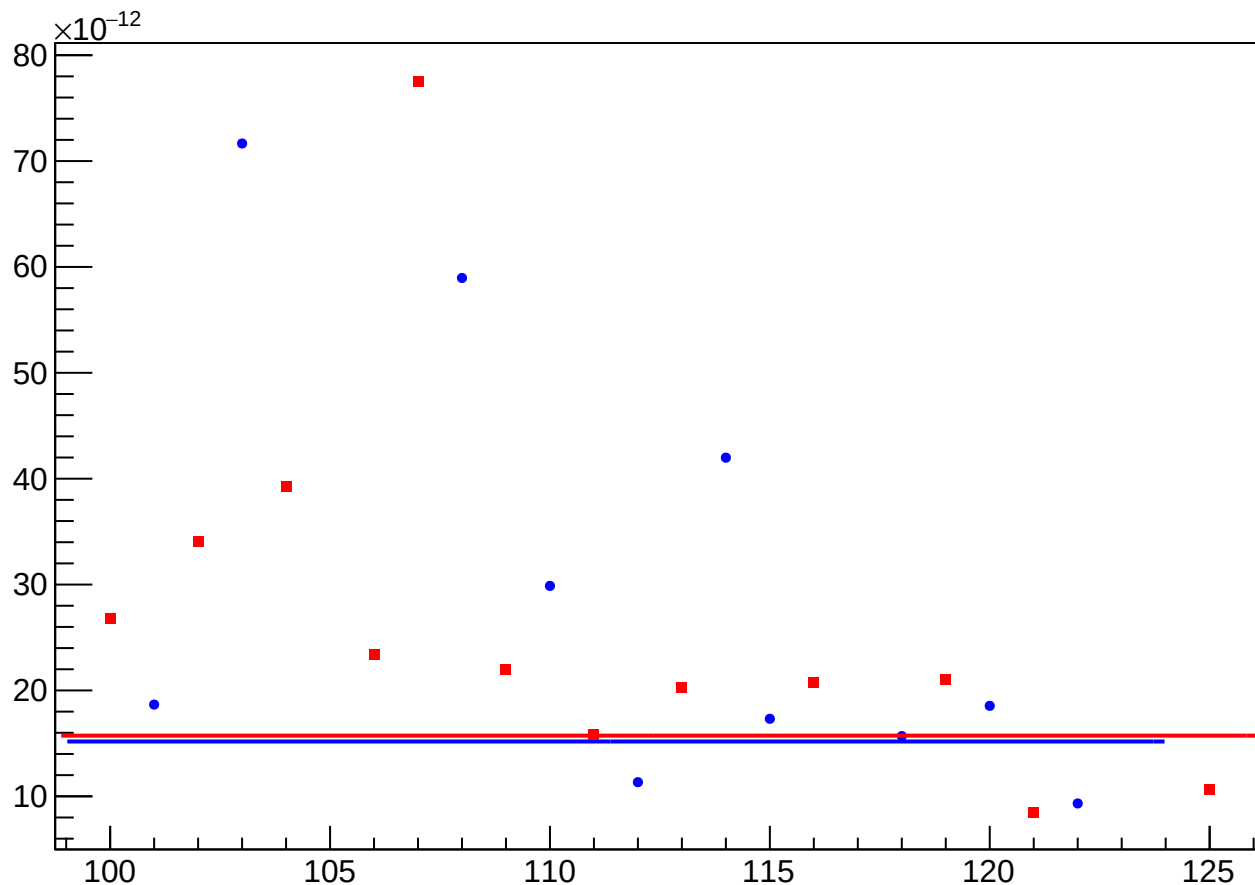
Right: 0.000+/-0.000 χ^2/NDF : 19.8/21

In: 0.000+/-0.000 χ^2/NDF : 10.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.8/21

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 : 1278735.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

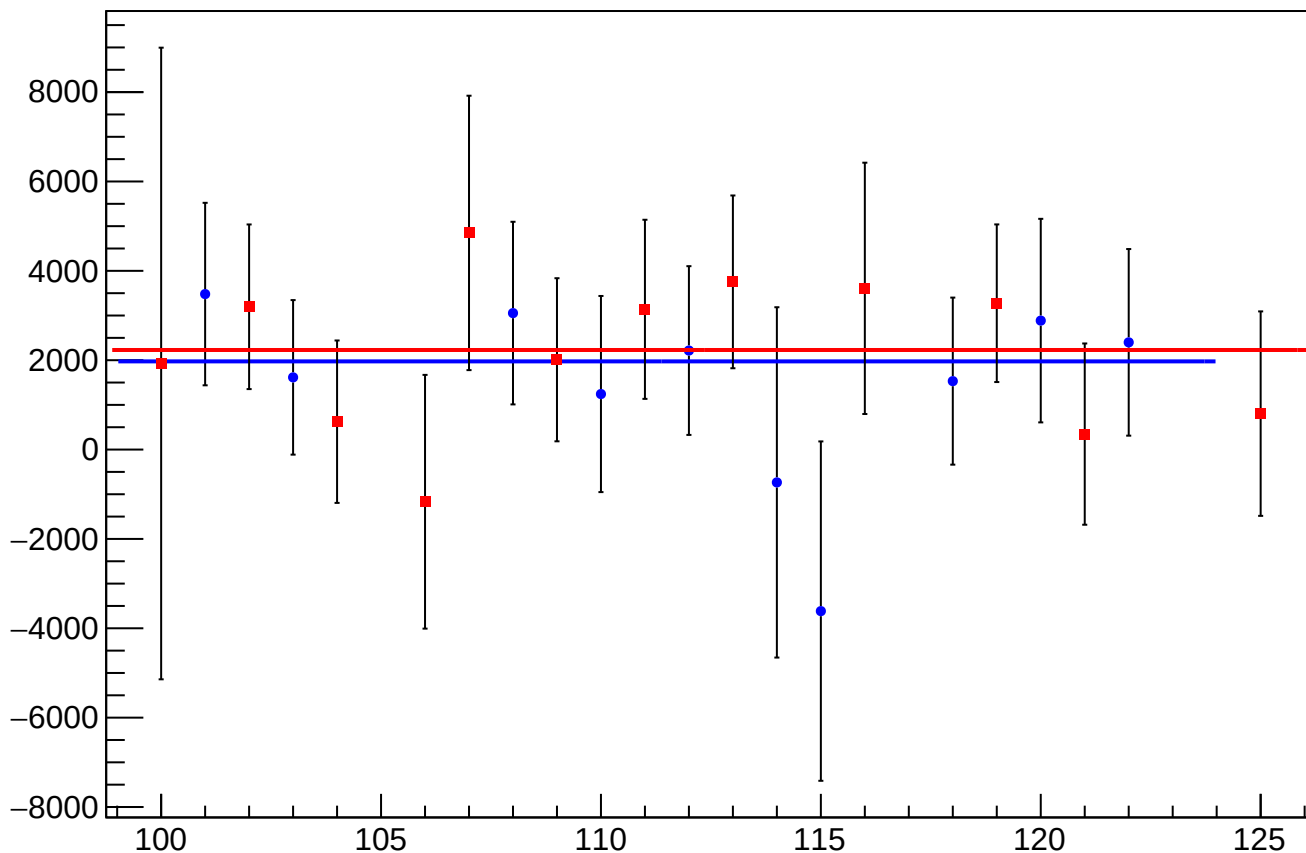
Right: 0.000+/-0.000 χ^2/NDF : 2671994.2/21

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 : 2671994.2/21

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: 2228.518+/-626.737 χ^2/NDF : 5.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

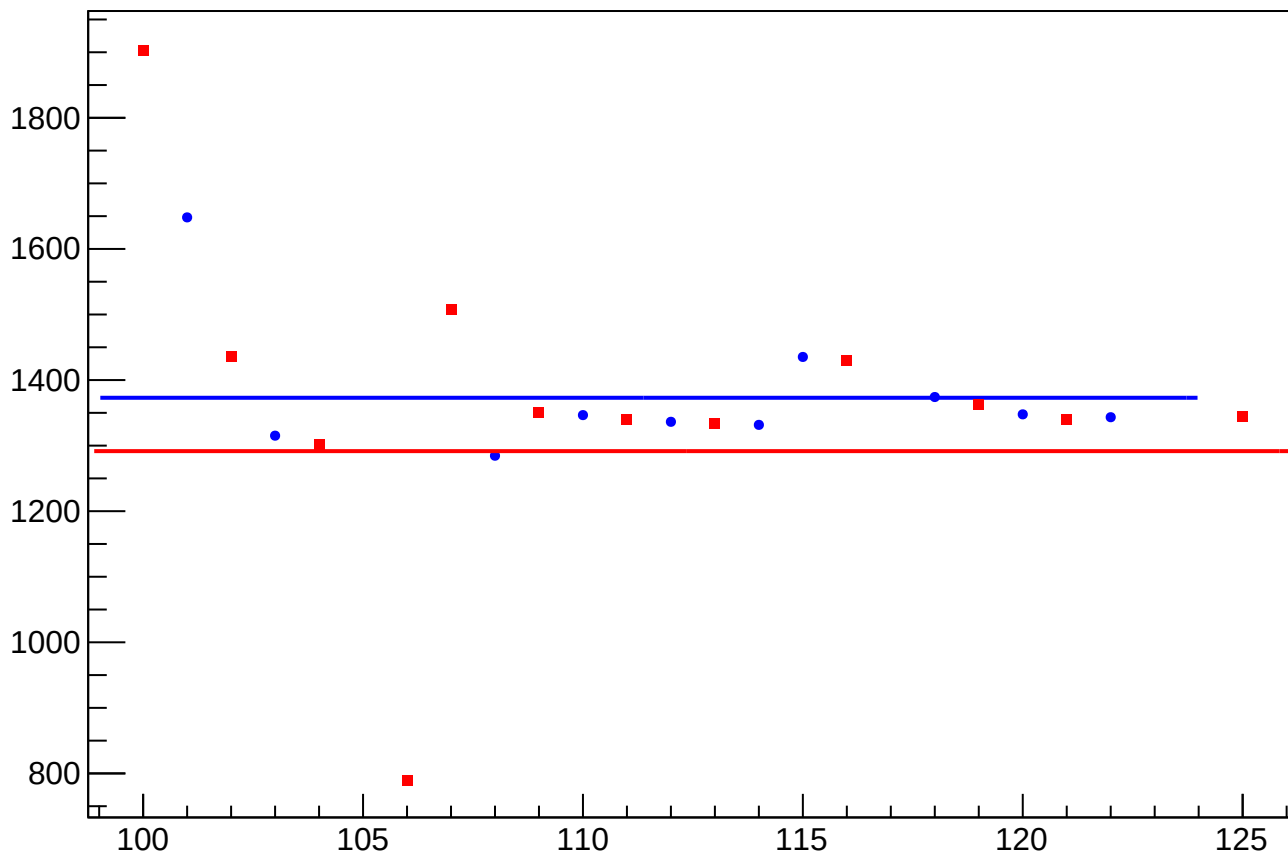
Right: 2112.013+/-461.762 χ^2/NDF : 9.9/21

In: 1973.678+/-682.936 χ^2/NDF : 3.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2112.013+/-461.762 χ^2/NDF : 9.9/21

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: 1291.599+/-0.423 χ^2/NDF : 236543.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

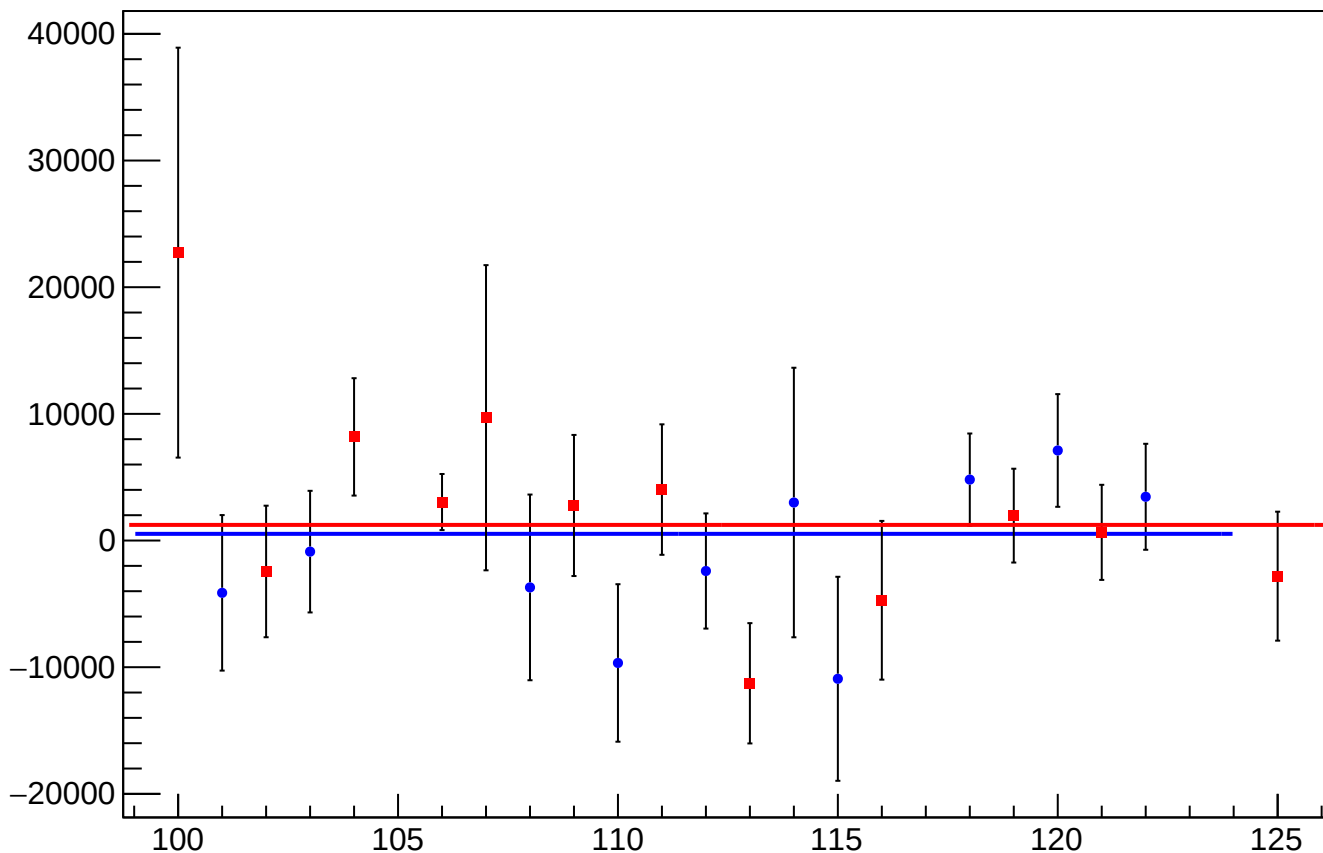
Right: 1326.977+/-0.318 χ^2/NDF : 297339.6/21

In: 1372.995+/-0.483 χ^2/NDF : 44733.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1326.977+/-0.318 χ^2/NDF : 297339.6/21

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: 1234.284+/-1269.437 χ^2/NDF : 14.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

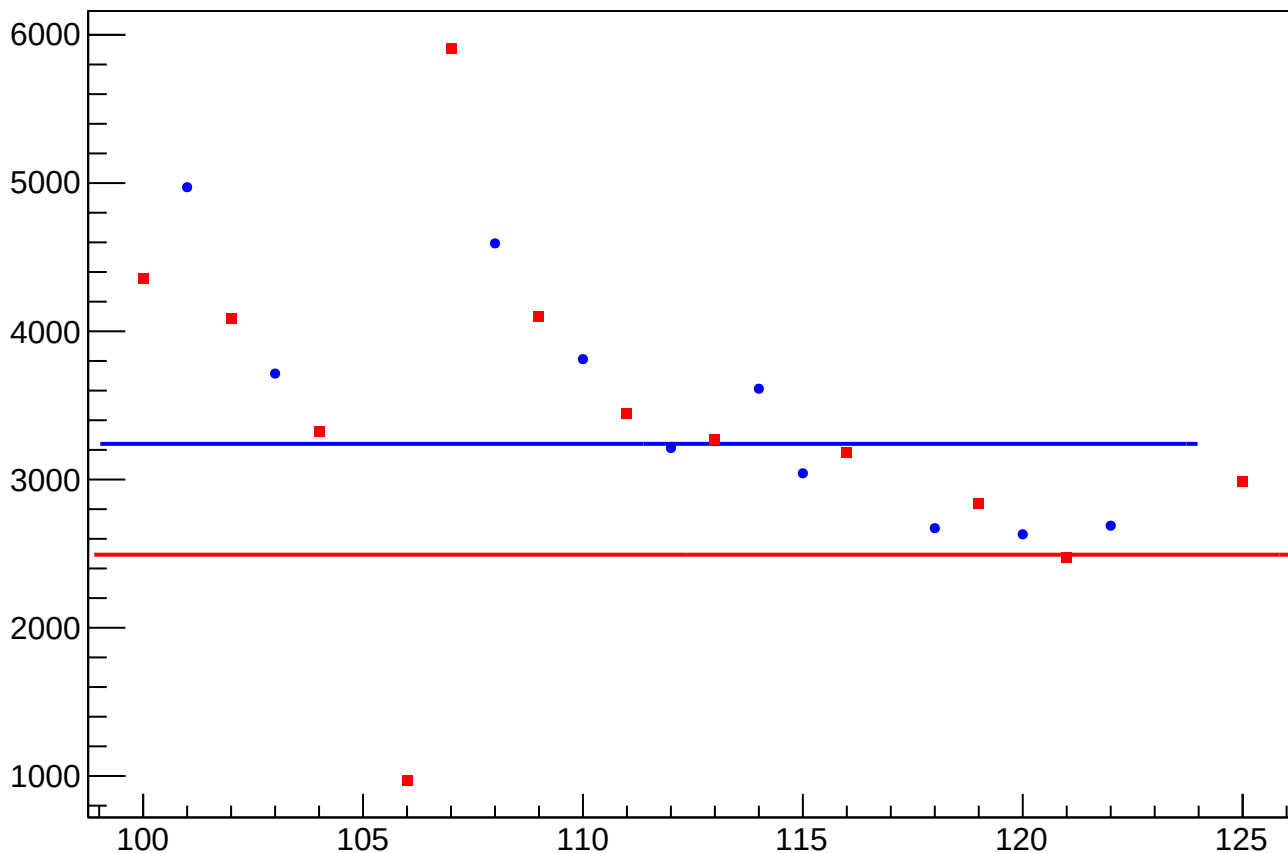
Right: 970.331+/-1004.650 χ^2/NDF : 24.9/21

In: 527.891+/-1643.518 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 970.331+/-1004.650 χ^2/NDF : 24.9/21

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: 2492.911+/-0.898 χ^2/NDF : 1734838.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

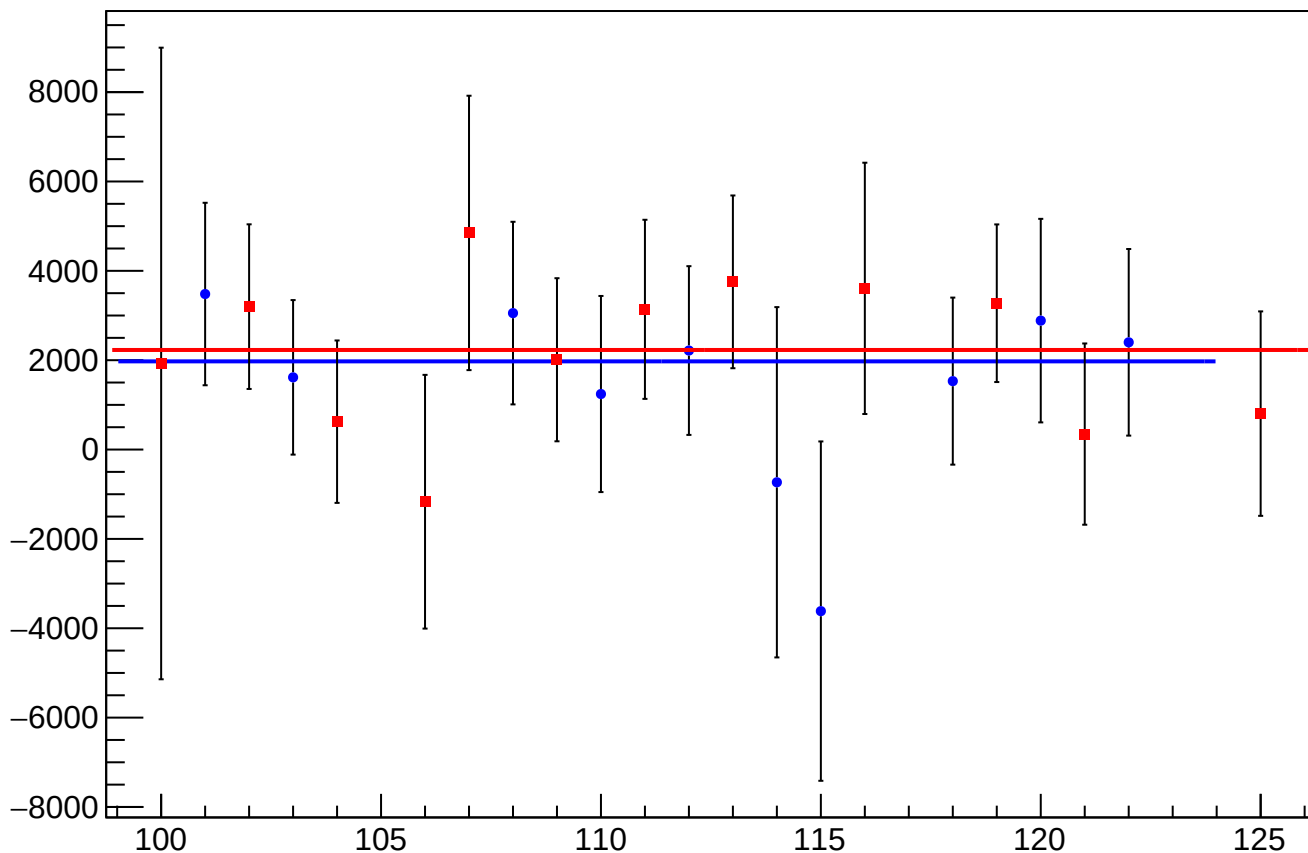
Right: 2772.347+/-0.710 χ^2/NDF : 2382838.7/21

In: 3240.738+/-1.162 χ^2/NDF : 388647.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2772.347+/-0.710 χ^2/NDF : 2382838.7/21

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: 2228.807+/-626.743 χ^2/NDF : 5.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

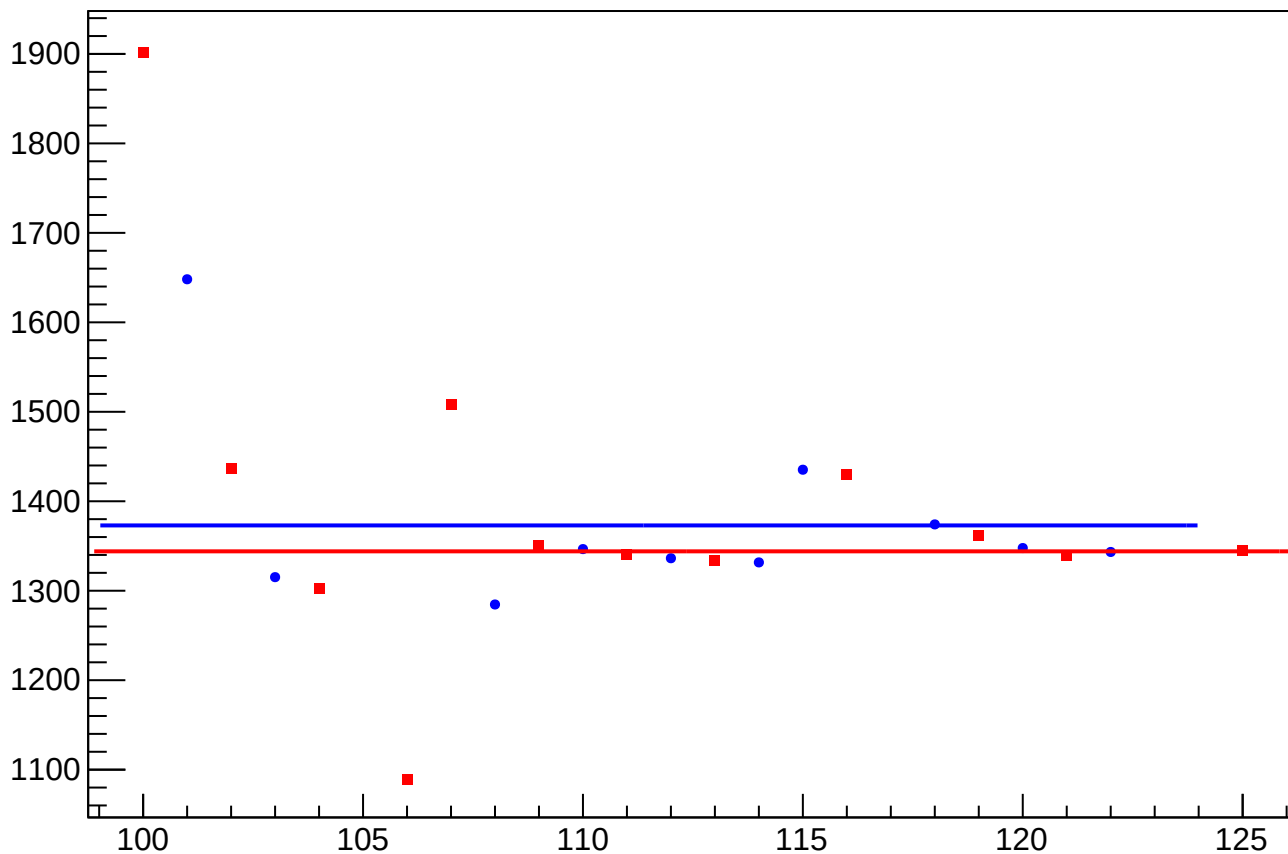
Right: 2112.255+/-461.764 χ^2/NDF : 9.9/21

In: 1973.866+/-682.936 χ^2/NDF : 3.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2112.255+/-461.764 χ^2/NDF : 9.9/21

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: 1344.030+/-0.435 χ^2/NDF : 55630.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

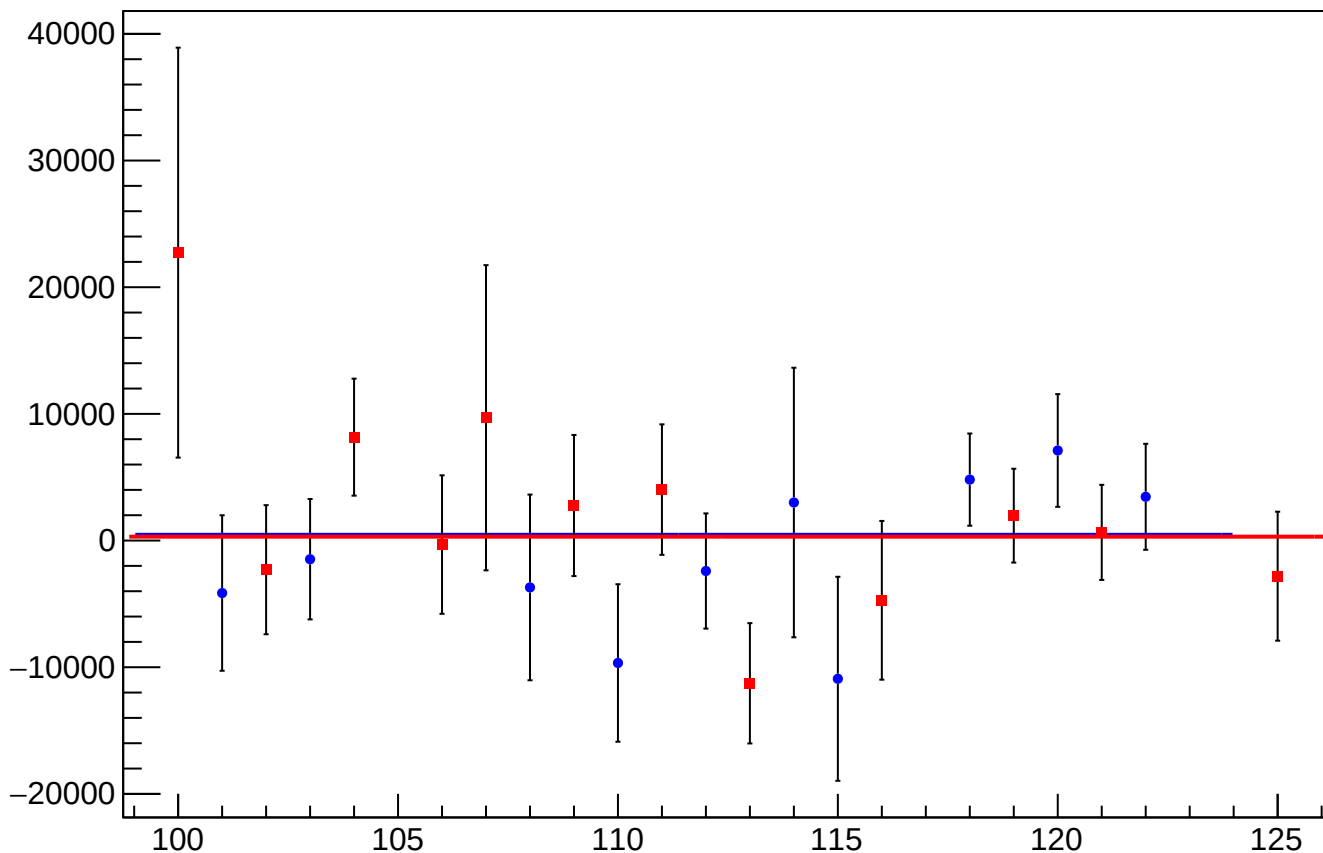
Right: 1356.994+/-0.323 χ^2/NDF : 102351.3/21

In: 1372.995+/-0.483 χ^2/NDF : 44733.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1356.994+/-0.323 χ^2/NDF : 102351.3/21

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: 307.460+/-1487.791 χ^2/NDF : 13.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

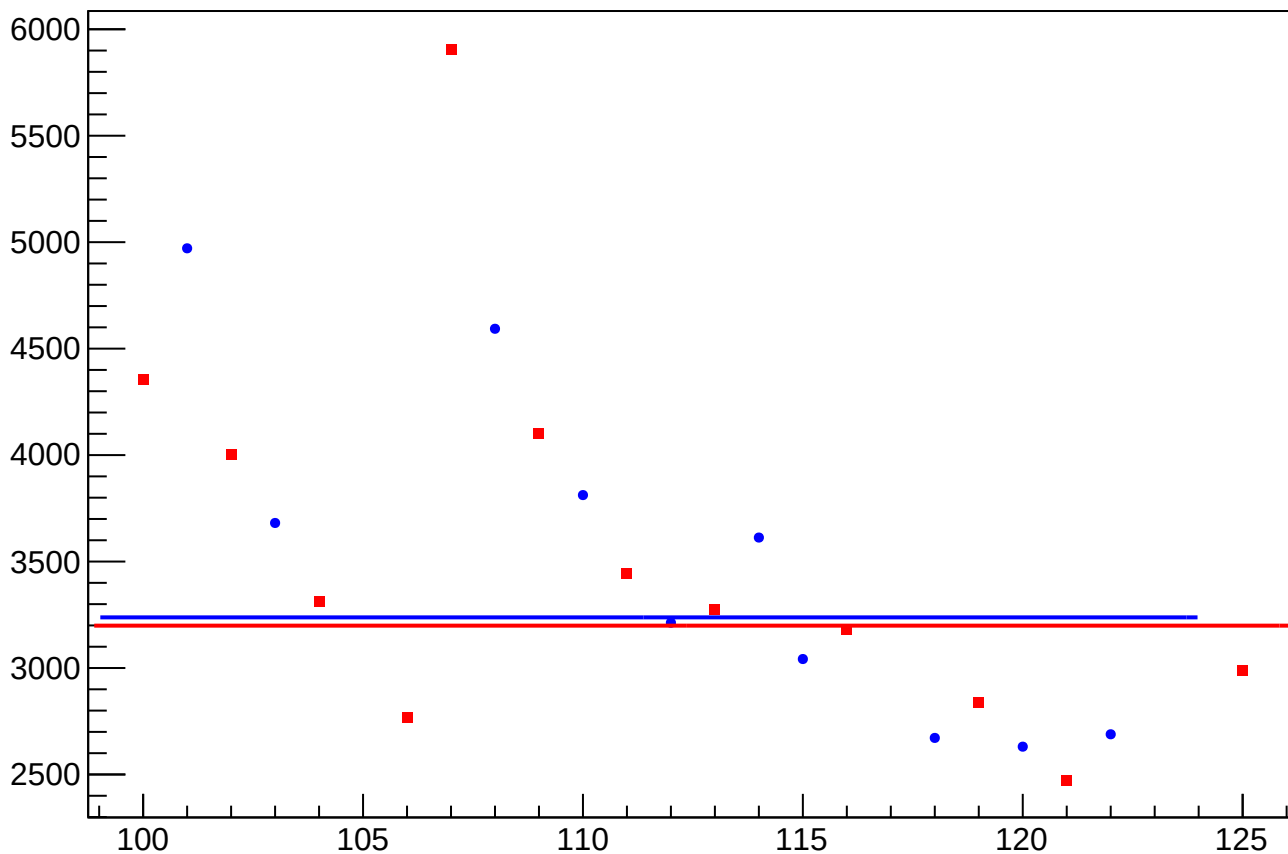
Right: 372.924+/-1102.375 χ^2/NDF : 23.9/21

In: 452.615+/-1641.506 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 372.924+/-1102.375 χ^2/NDF : 23.9/21

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: 3198.994+/-1.052 χ^2/NDF : 328808.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

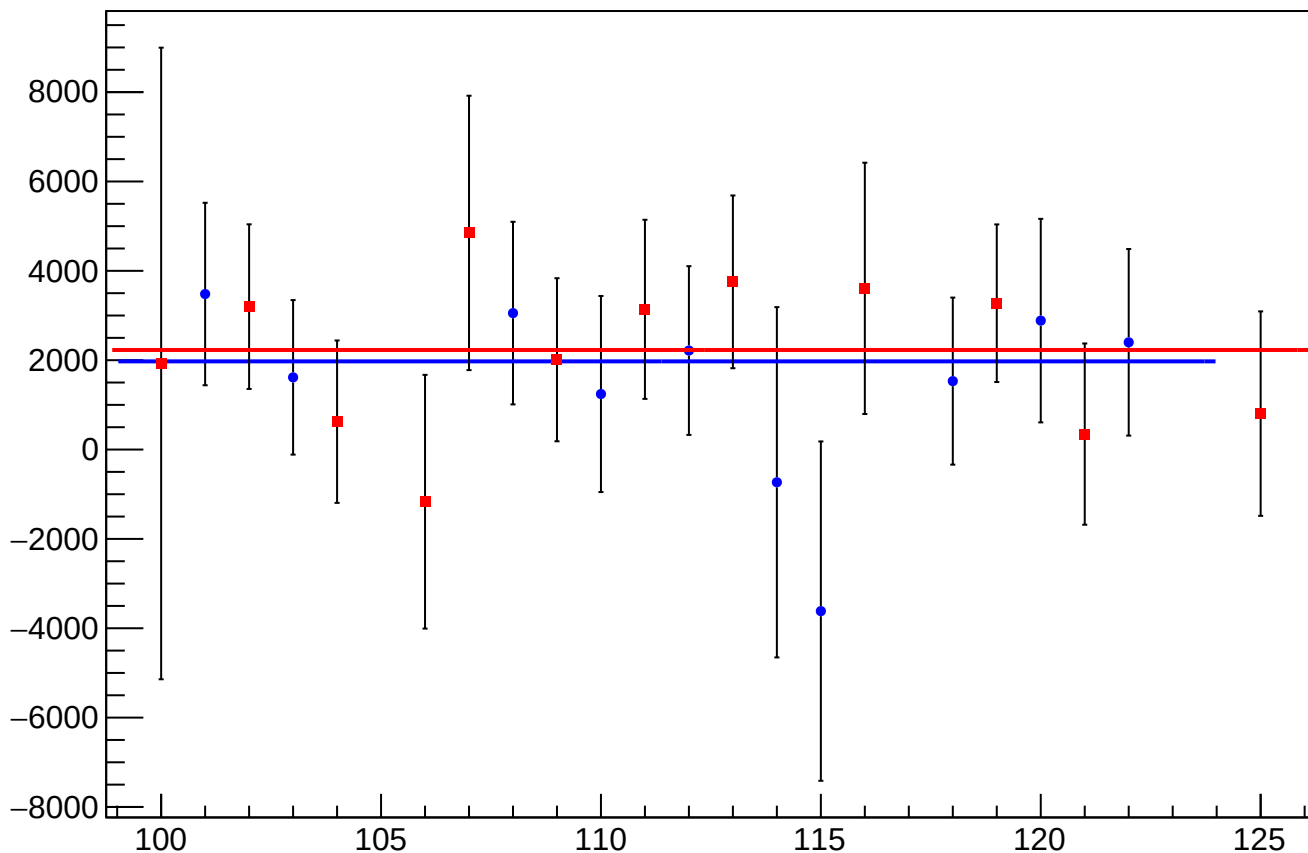
Right: 3216.519+/-0.779 χ^2/NDF : 715626.5/21

In: 3237.851+/-1.161 χ^2/NDF : 386203.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3216.519+/-0.779 χ^2/NDF : 715626.5/21

eigen_cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1973.866 $\pm$ 682.936 χ^2 /NDF: 3.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2228.807 $\pm$ 626.743 χ^2 /NDF: 5.9/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

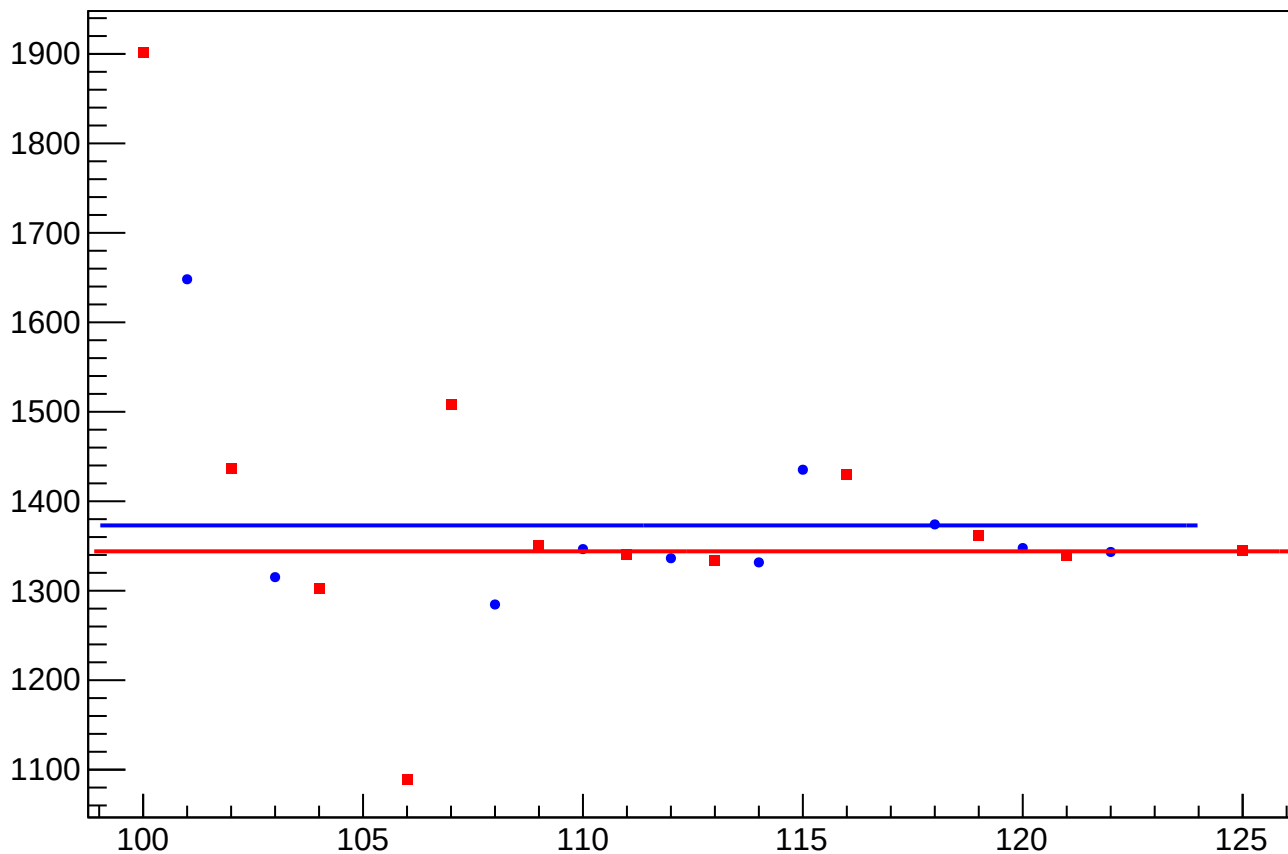
Right: 2112.255 $\pm$ 461.764 χ^2 /NDF: 9.9/21

In: 1973.866 $\pm$ 682.936 χ^2 /NDF:3.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2112.255 $\pm$ 461.764 χ^2 /NDF: 9.9/21

eigen_cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1372.995 $\pm$ 0.483 χ^2 /NDF: 44733.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1344.030 $\pm$ 0.435 χ^2 /NDF: 55630.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

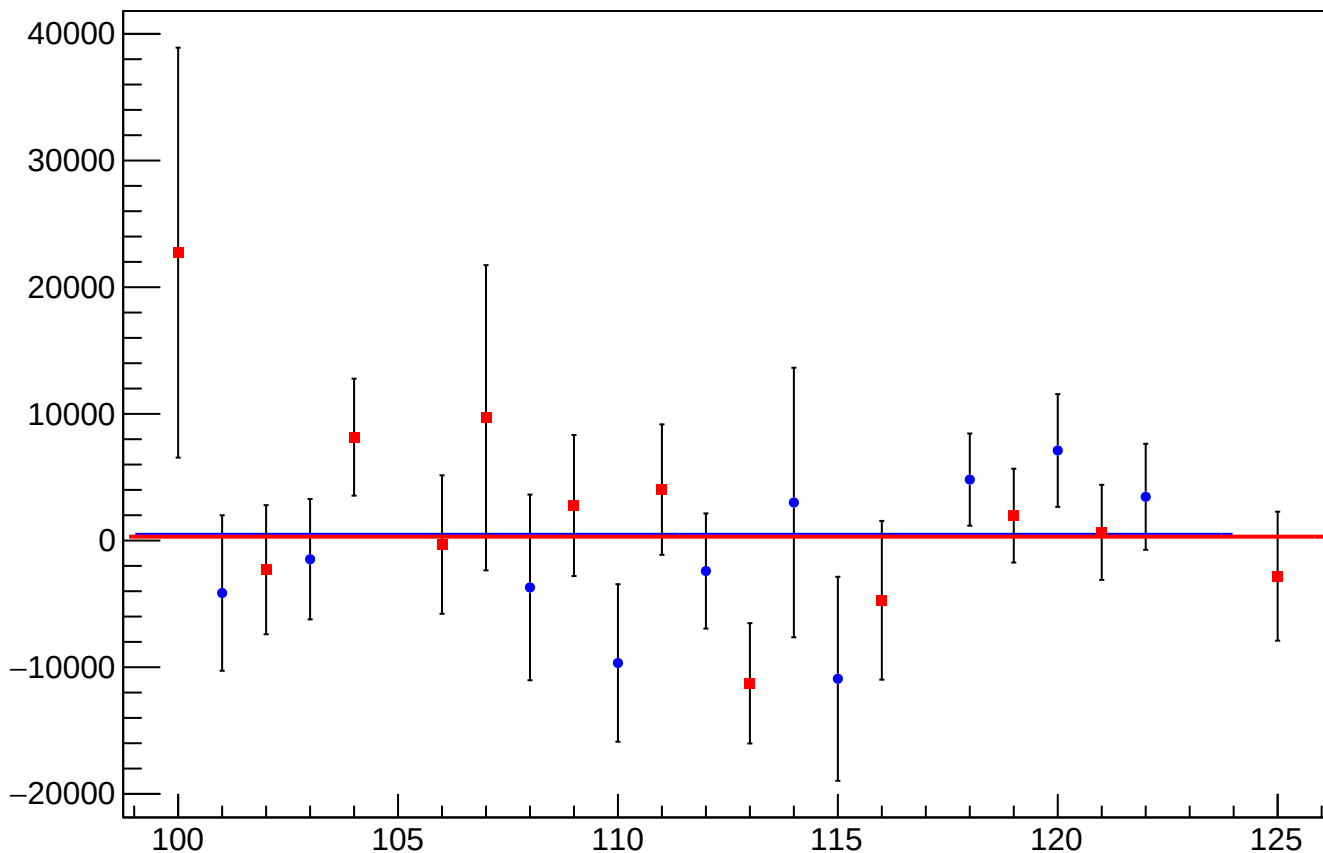
Right: 1356.994 $\pm$ 0.323 χ^2 /NDF: 102351.3/21

In: 1372.995 $\pm$ 0.483 χ^2 /NDF:44733.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1356.994 $\pm$ 0.323 χ^2 /NDF: 102351.3/21

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: 307.460+/-1487.791 χ^2/NDF : 13.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

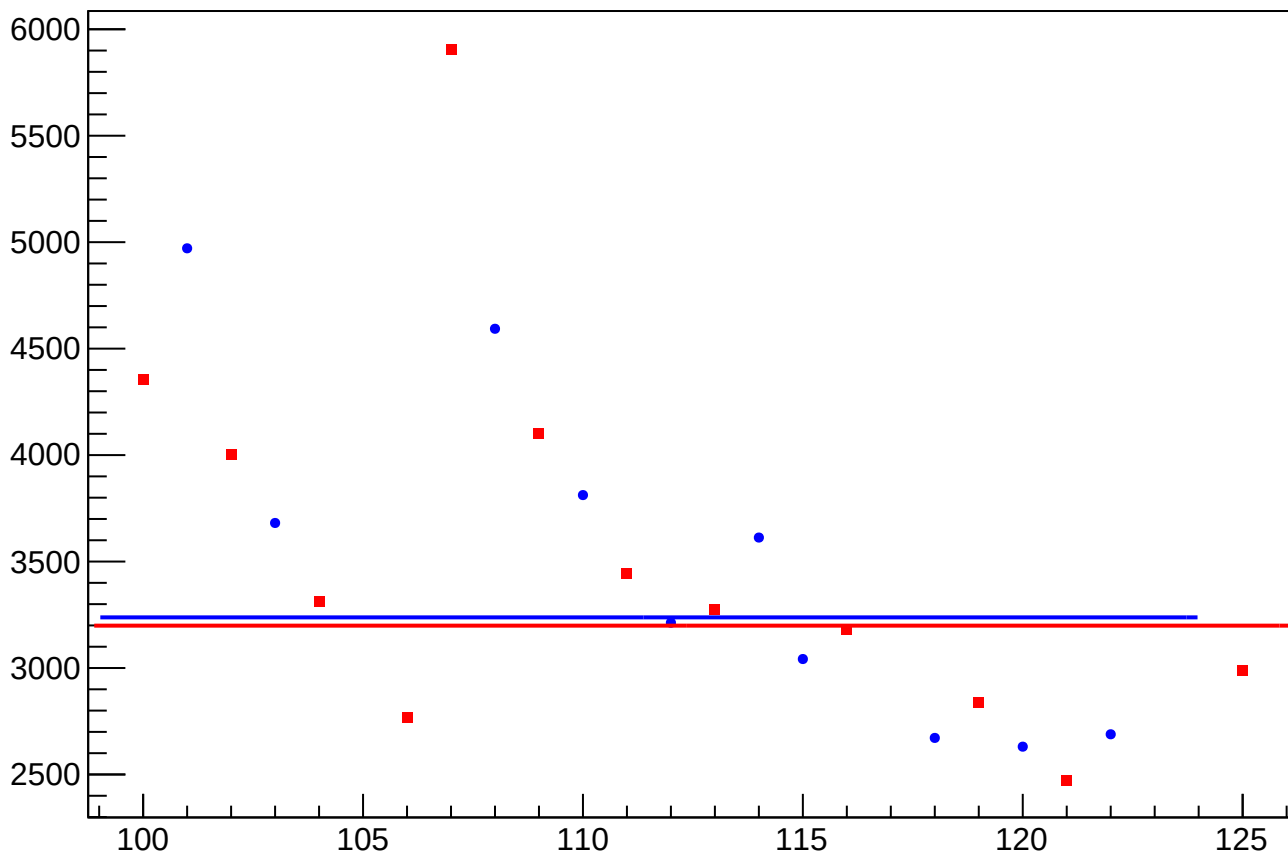
Right: 372.924+/-1102.375 χ^2/NDF : 23.9/21

In: 452.615+/-1641.506 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 372.924+/-1102.375 χ^2/NDF : 23.9/21

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: 3198.994+/-1.052 χ^2/NDF : 328808.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

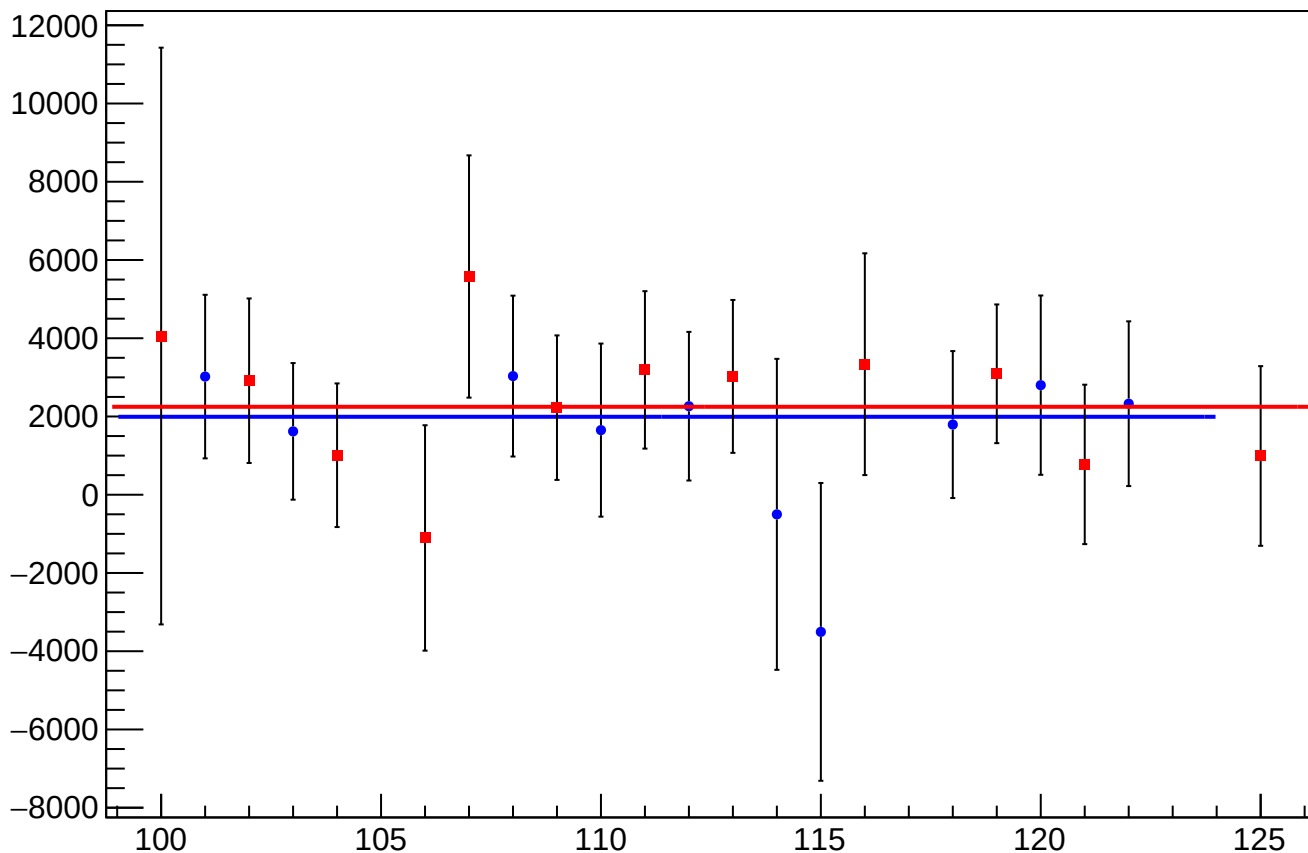
Right: 3216.519+/-0.779 χ^2/NDF : 715626.5/21

In: 3237.851+/-1.161 χ^2/NDF : 386203.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3216.519+/-0.779 χ^2/NDF : 715626.5/21

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: 2248.035+/-640.016 χ^2/NDF : 4.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

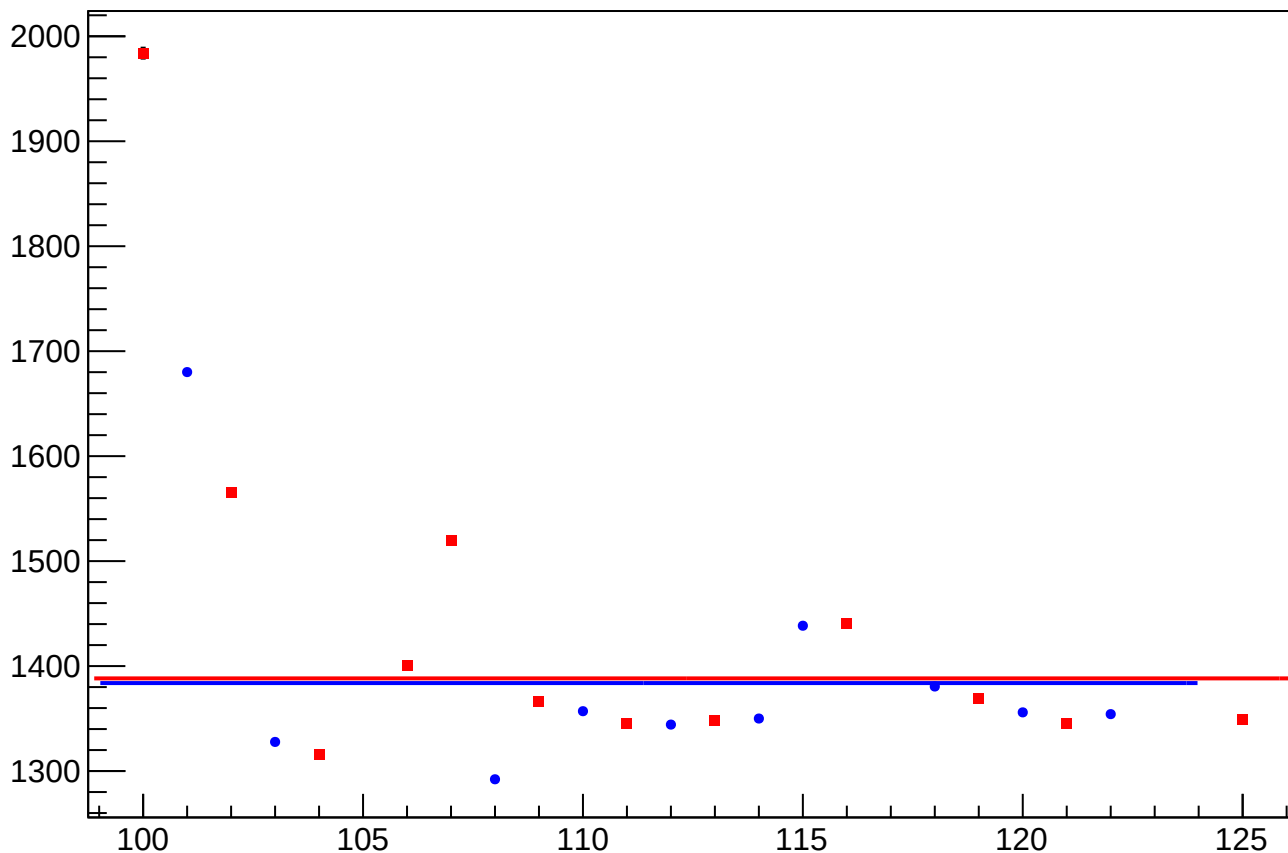
Right: 2129.618+/-468.904 χ^2/NDF : 8.0/21

In: 1992.403+/-688.944 χ^2/NDF : 3.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2129.618+/-468.904 χ^2/NDF : 8.0/21

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: 1388.273+/-0.451 χ^2/NDF : 38443.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

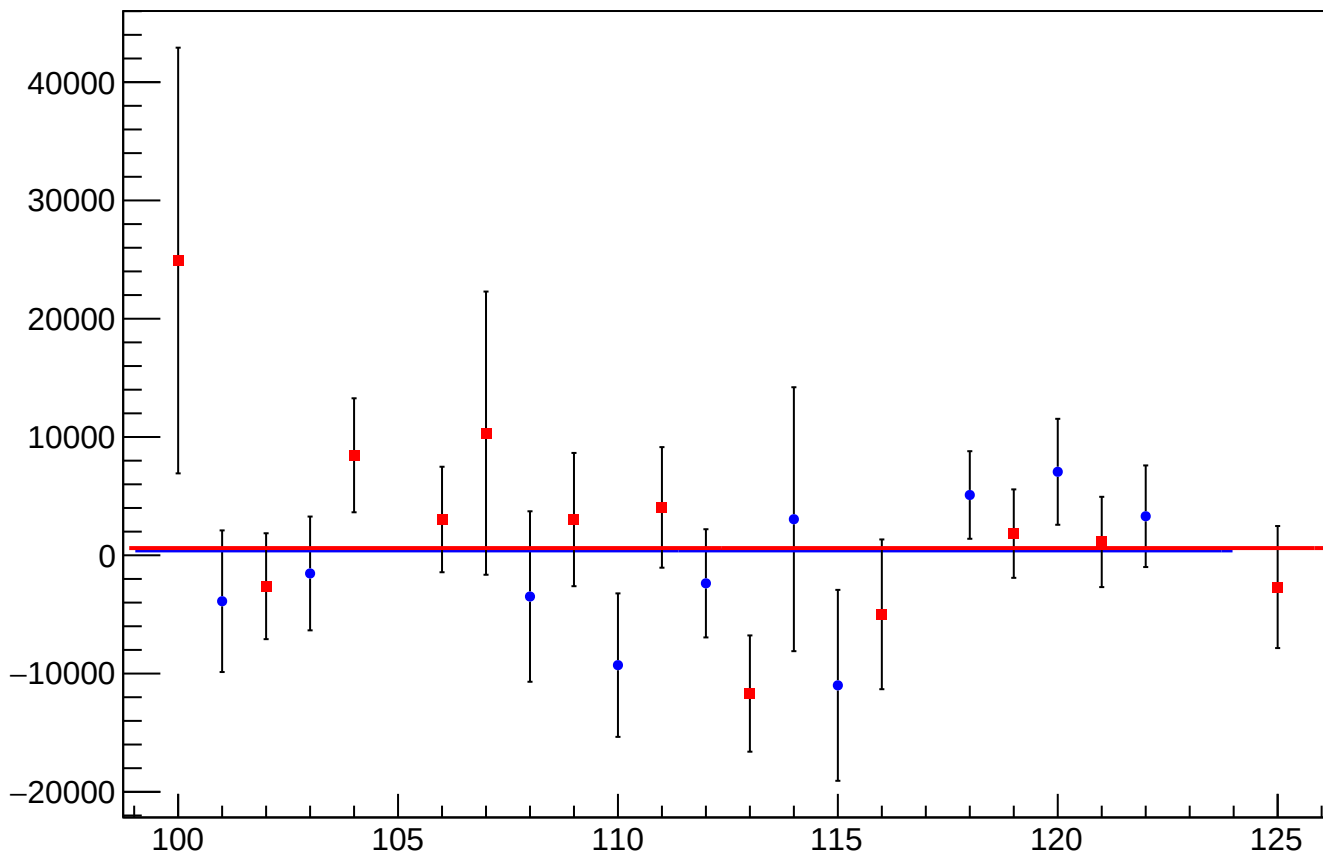
Right: 1386.215+/-0.331 χ^2/NDF : 87113.4/21

In: 1383.811+/-0.487 χ^2/NDF : 48624.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1386.215+/-0.331 χ^2/NDF : 87113.4/21

asym_usl_atl2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 412.182+/-1653.561 χ^2/NDF : 10.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 609.276+/-1462.664 χ^2/NDF : 14.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

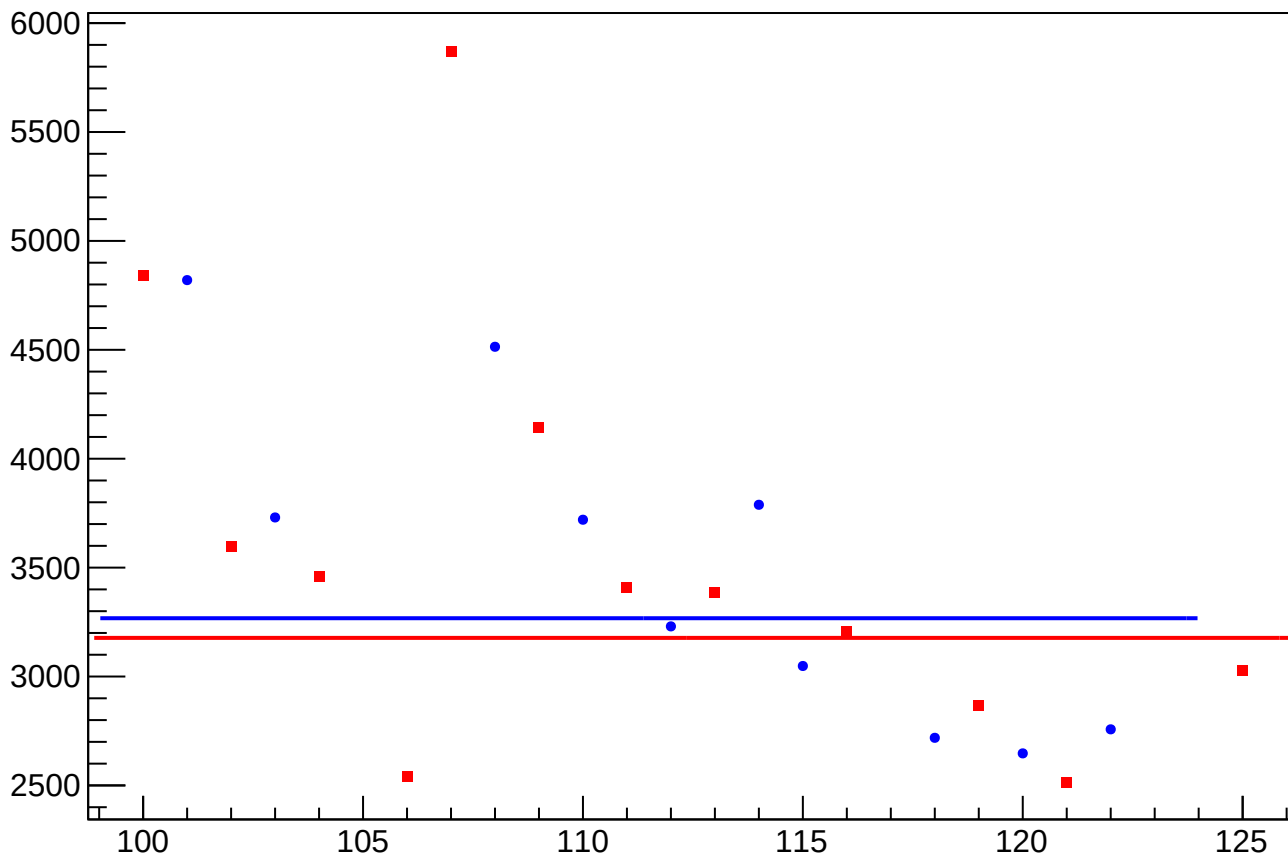
Right: 522.758+/-1095.564 χ^2/NDF : 24.4/21

In: 412.182+/-1653.561 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 522.758+/-1095.564 χ^2/NDF : 24.4/21

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: 3177.399+/-1.034 χ^2/NDF : 326162.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

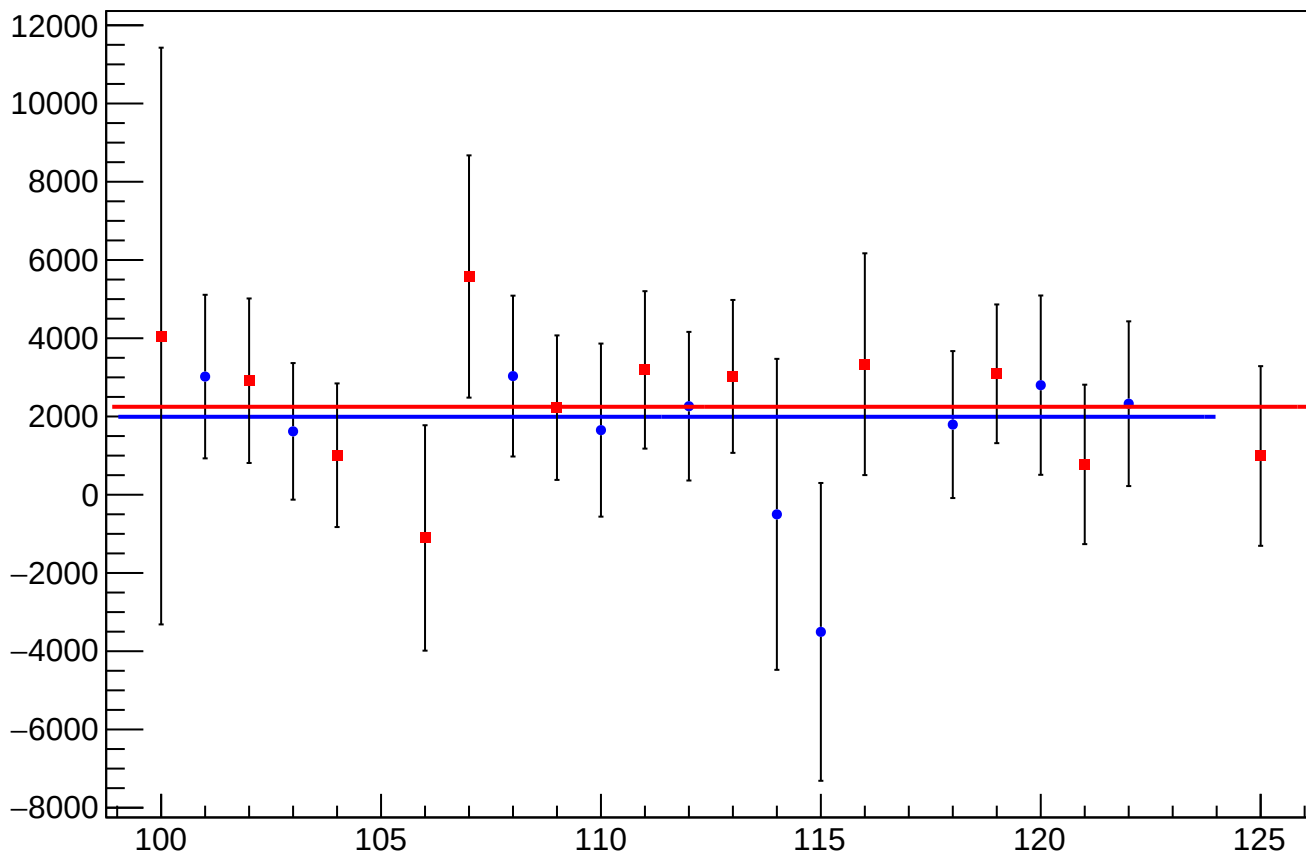
Right: 3217.022+/-0.775 χ^2/NDF : 669962.6/21

In: 3267.662+/-1.169 χ^2/NDF : 340457.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3217.022+/-0.775 χ^2/NDF : 669962.6/21

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: 2248.043+/-640.016 χ^2/NDF : 4.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

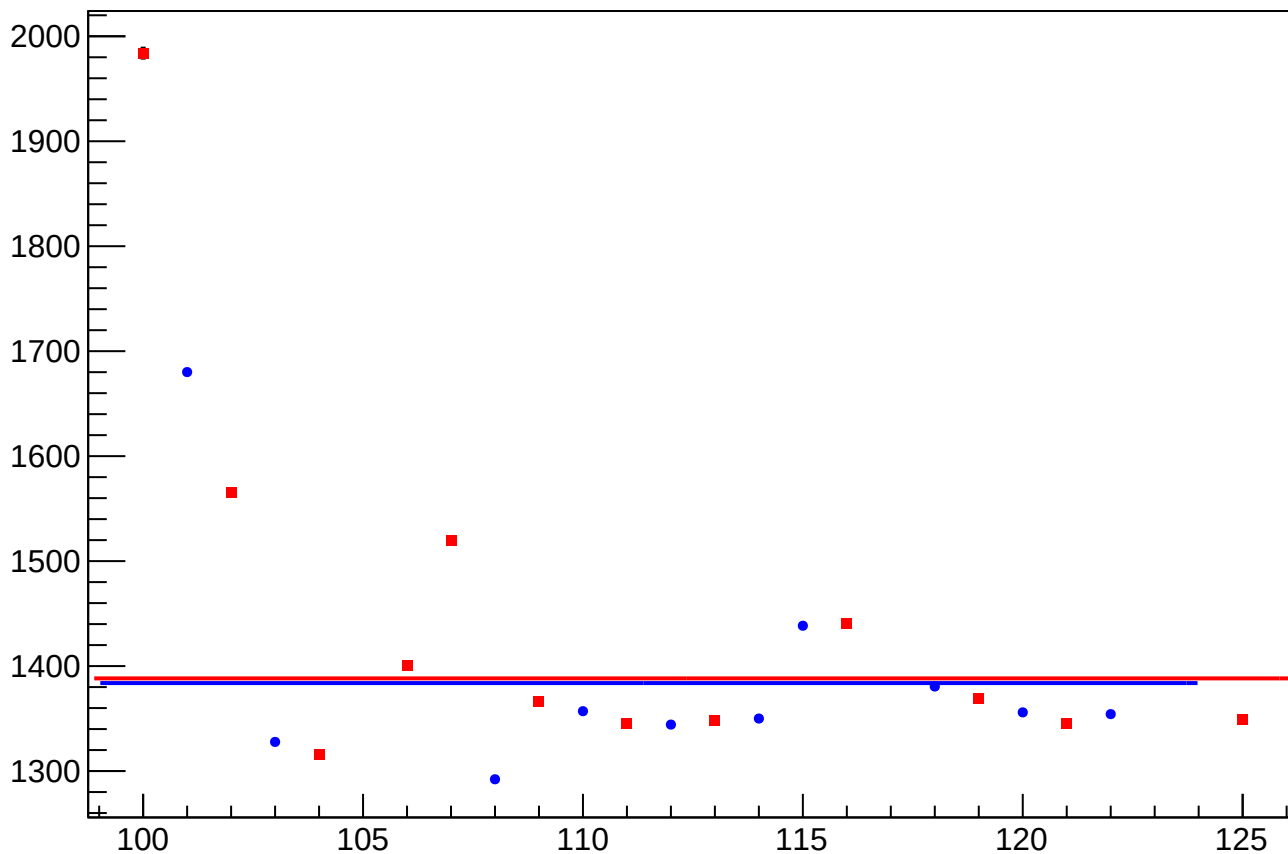
Right: 2129.622+/-468.904 χ^2/NDF : 8.0/21

In: 1992.403+/-688.944 χ^2/NDF : 3.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2129.622+/-468.904 χ^2/NDF : 8.0/21

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: 1388.273+/-0.451 χ^2/NDF : 38443.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

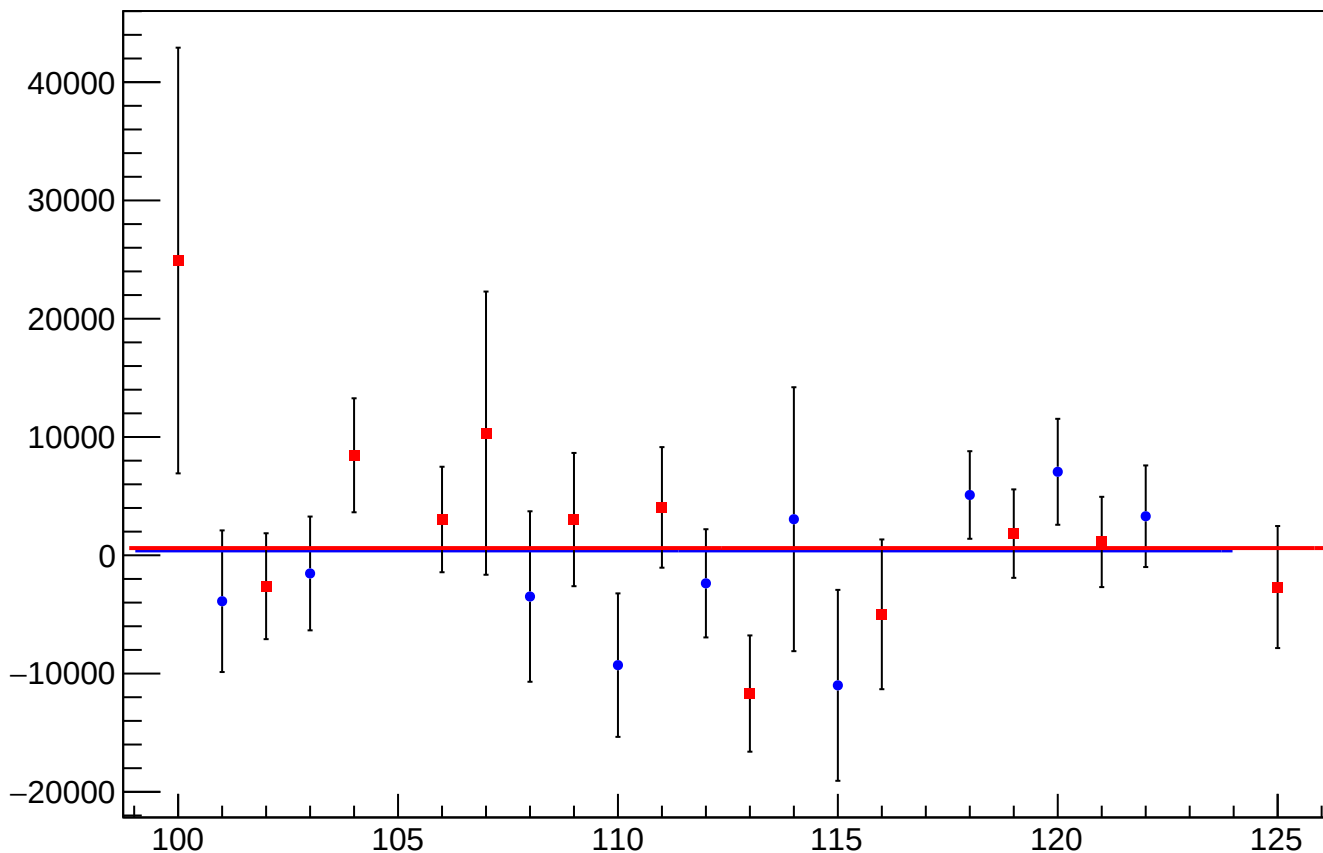
Right: 1386.215+/-0.331 χ^2/NDF : 87113.3/21

In: 1383.811+/-0.487 χ^2/NDF : 48624.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1386.215+/-0.331 χ^2/NDF : 87113.3/21

asym_usl_atl2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 412.187+/-1653.555 χ^2/NDF : 10.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 609.277+/-1462.659 χ^2/NDF : 14.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

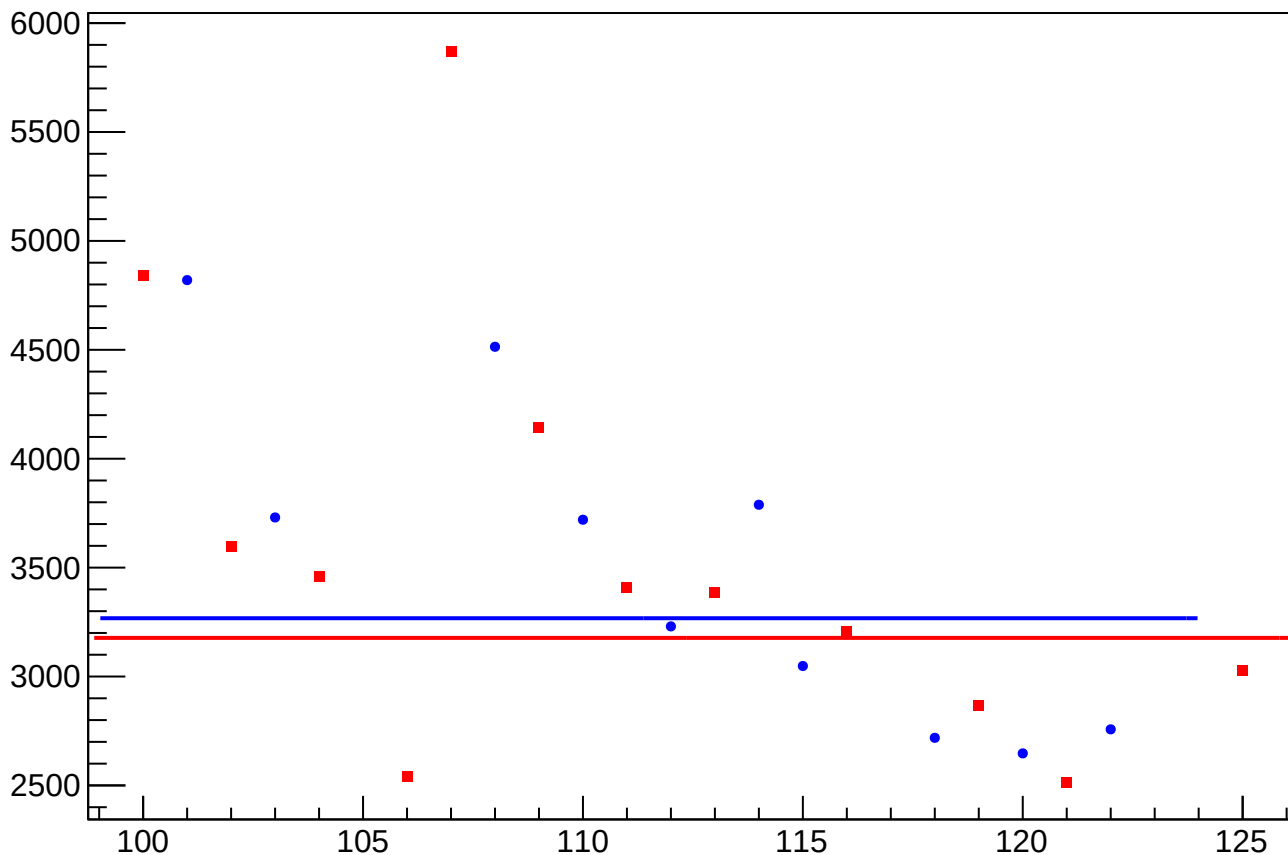
Right: 522.761+/-1095.560 χ^2/NDF : 24.4/21

In: 412.187+/-1653.555 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 522.761+/-1095.560 χ^2/NDF : 24.4/21

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: 3177.390+/-1.034 χ^2/NDF : 326163.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

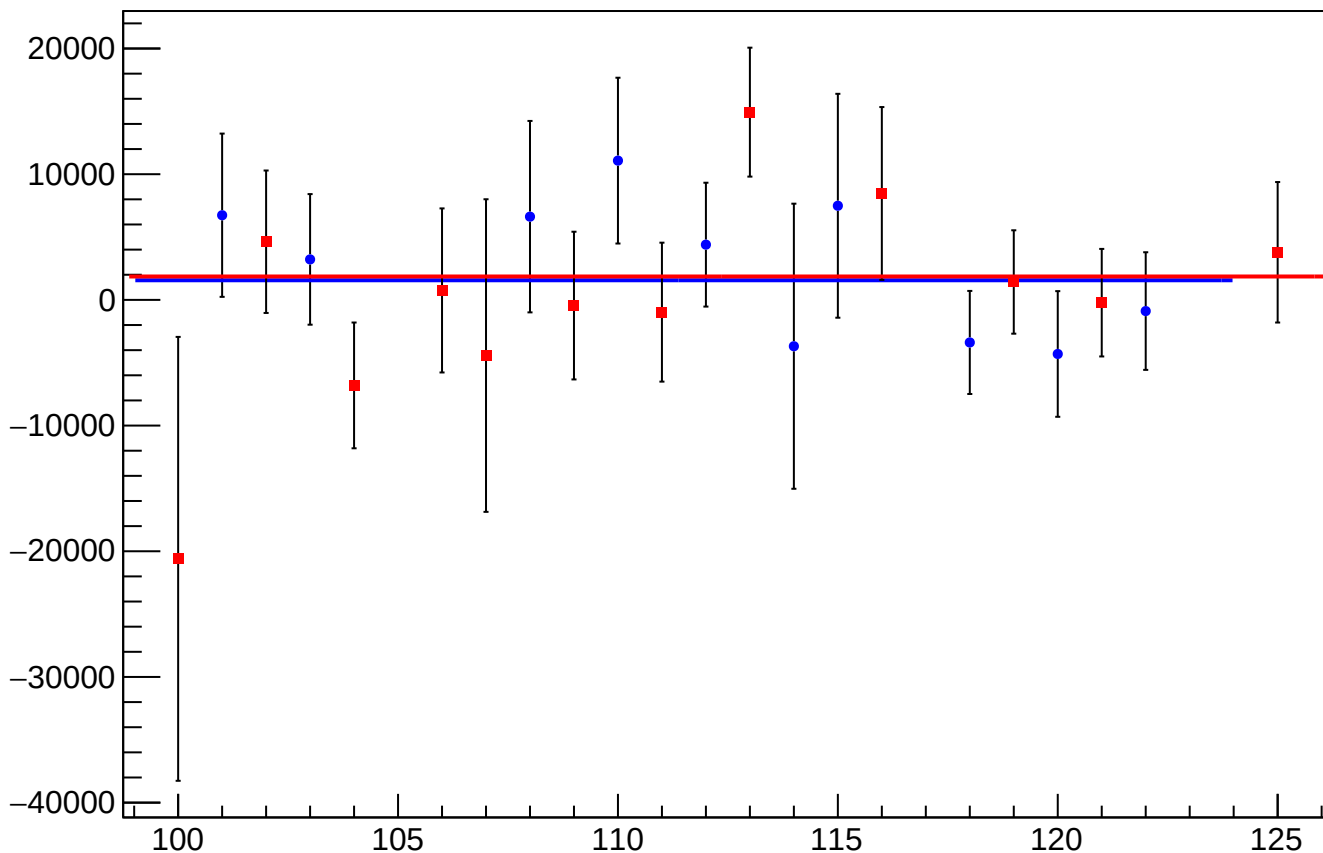
Right: 3217.011+/-0.775 χ^2/NDF : 669968.2/21

In: 3267.649+/-1.169 χ^2/NDF : 340461.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3217.011+/-0.775 χ^2/NDF : 669968.2/21

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: 1861.526+/-1642.129 χ^2/NDF : 13.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

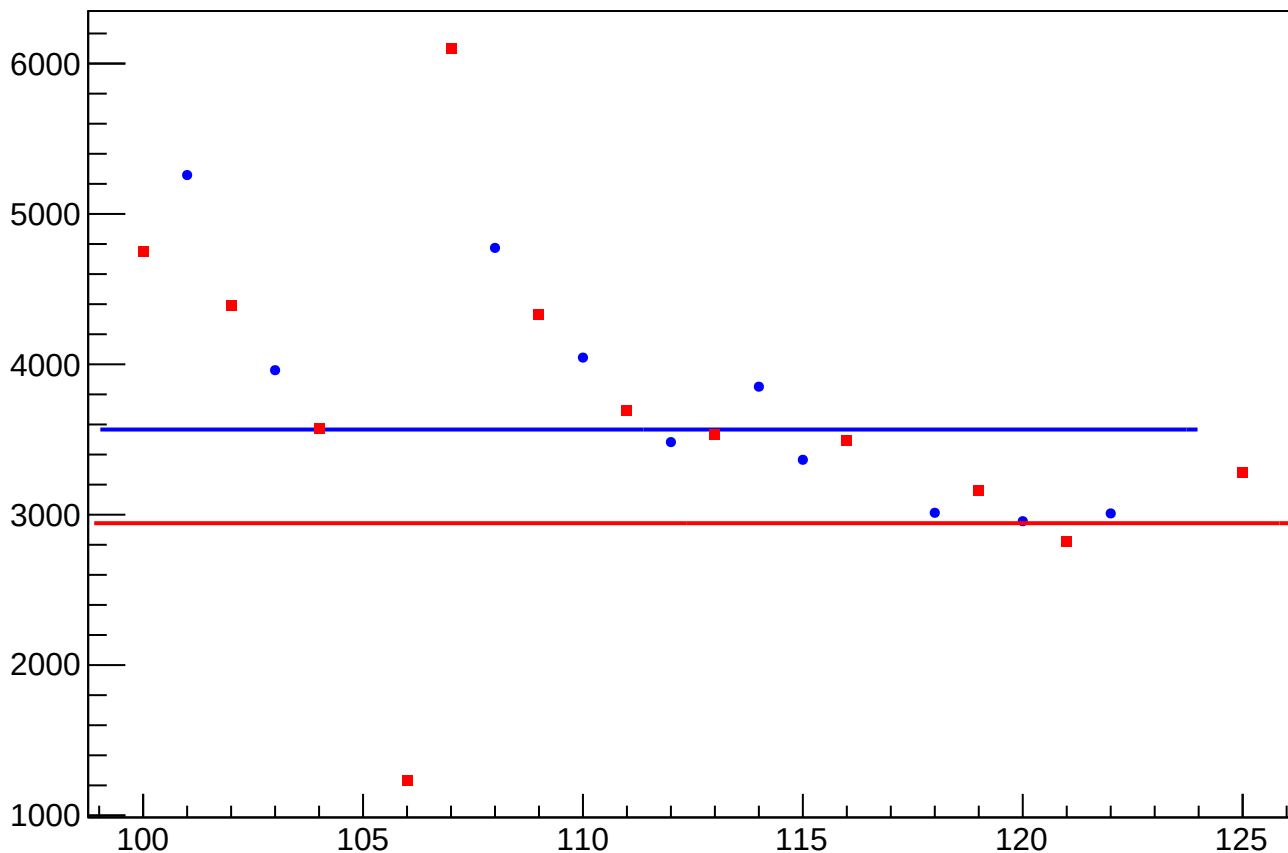
Right: 1725.470+/-1213.973 χ^2/NDF : 20.7/21

In: 1561.501+/-1802.721 χ^2/NDF : 7.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1725.470+/-1213.973 χ^2/NDF : 20.7/21

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: 2943.505+/-1.030 χ^2/NDF : 1238721.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

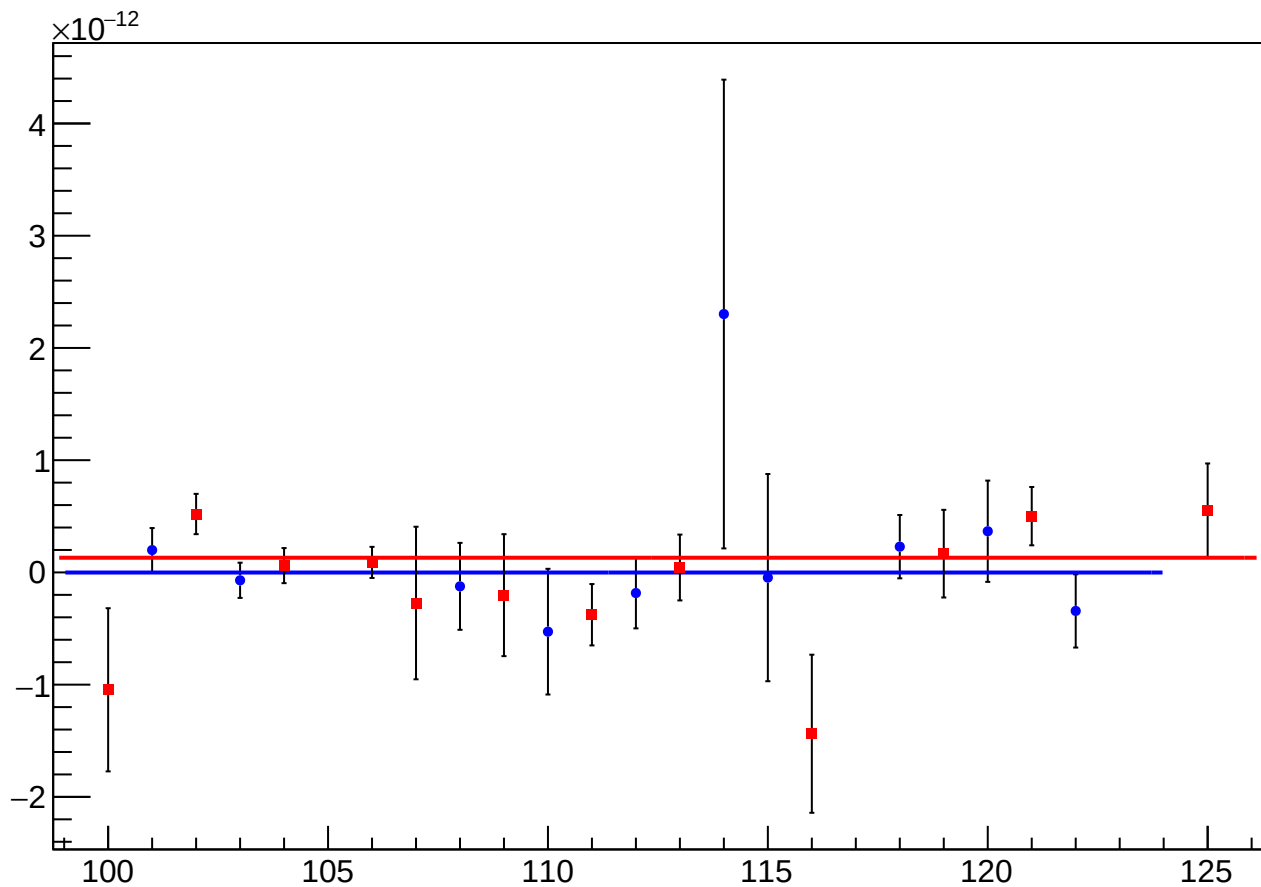
Right: 3189.552+/-0.801 χ^2/NDF : 1688818.1/21

In: 3566.393+/-1.275 χ^2/NDF : 305638.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3189.552+/-0.801 χ^2/NDF : 1688818.1/21

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 : 19.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

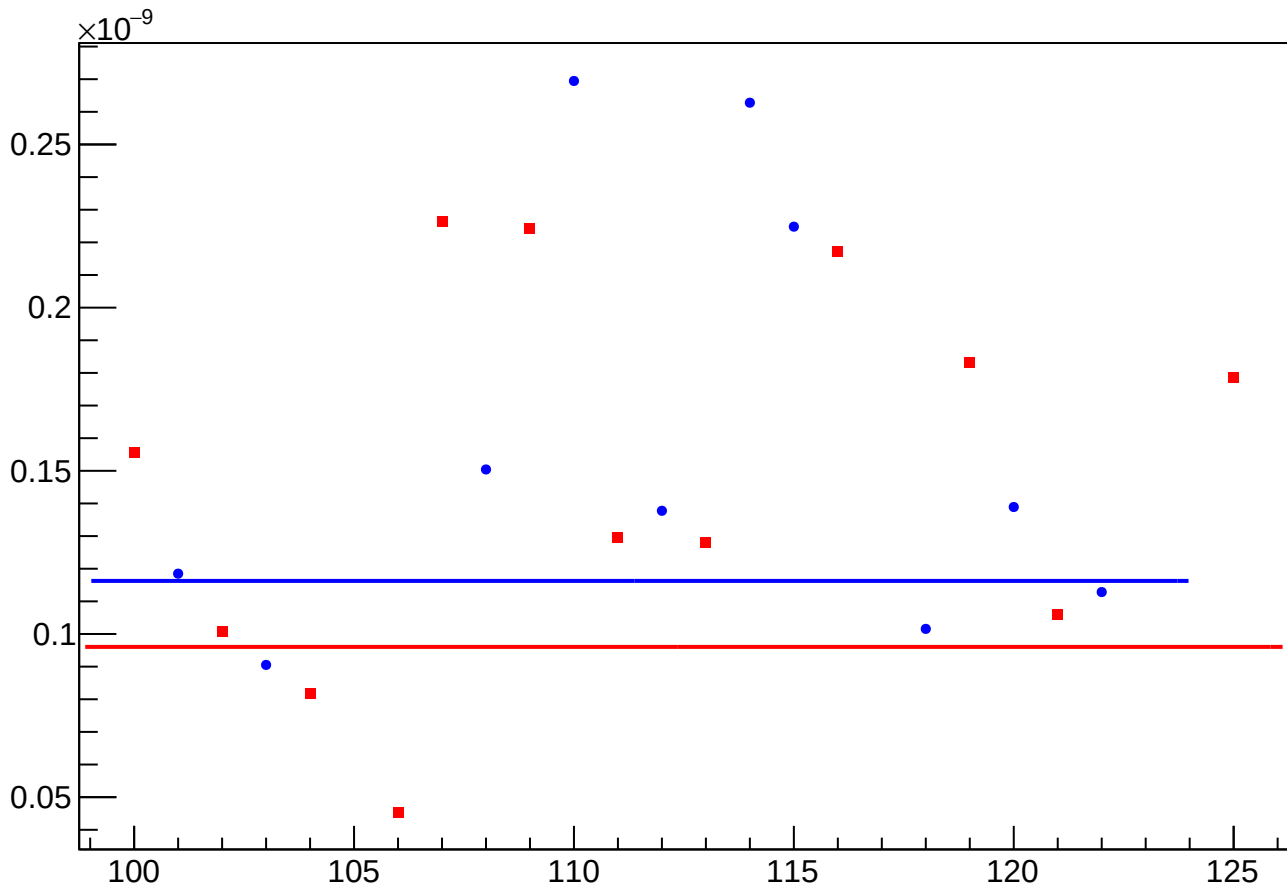
Right: 0.000+/-0.000 χ^2/NDF : 27.4/21

In: -0.000+/-0.000 χ^2/NDF : 6.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.4/21

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 : 778840.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

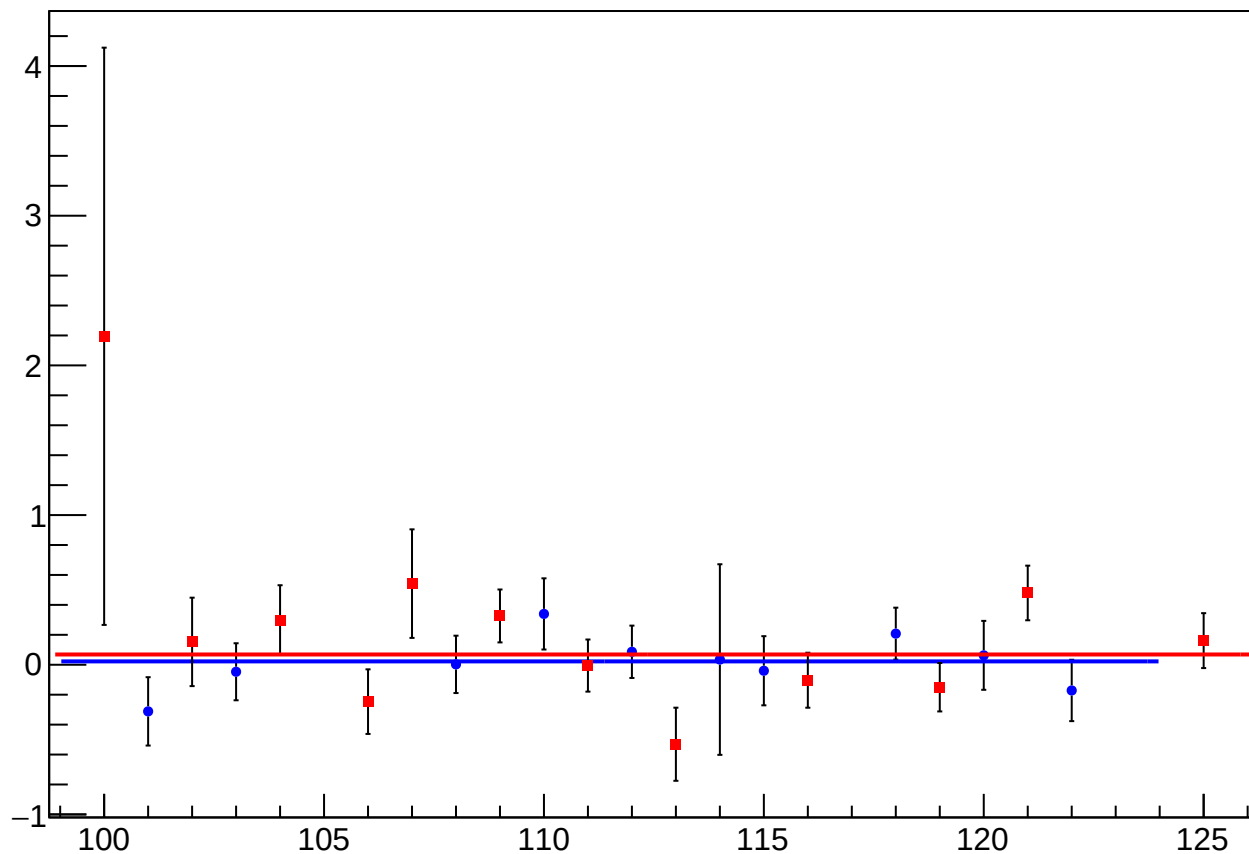
Right: 0.000+/-0.000 χ^2/NDF : 1113676.2/21

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 : 1113676.2/21

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: 0.069+/-0.061 χ^2/NDF : 22.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

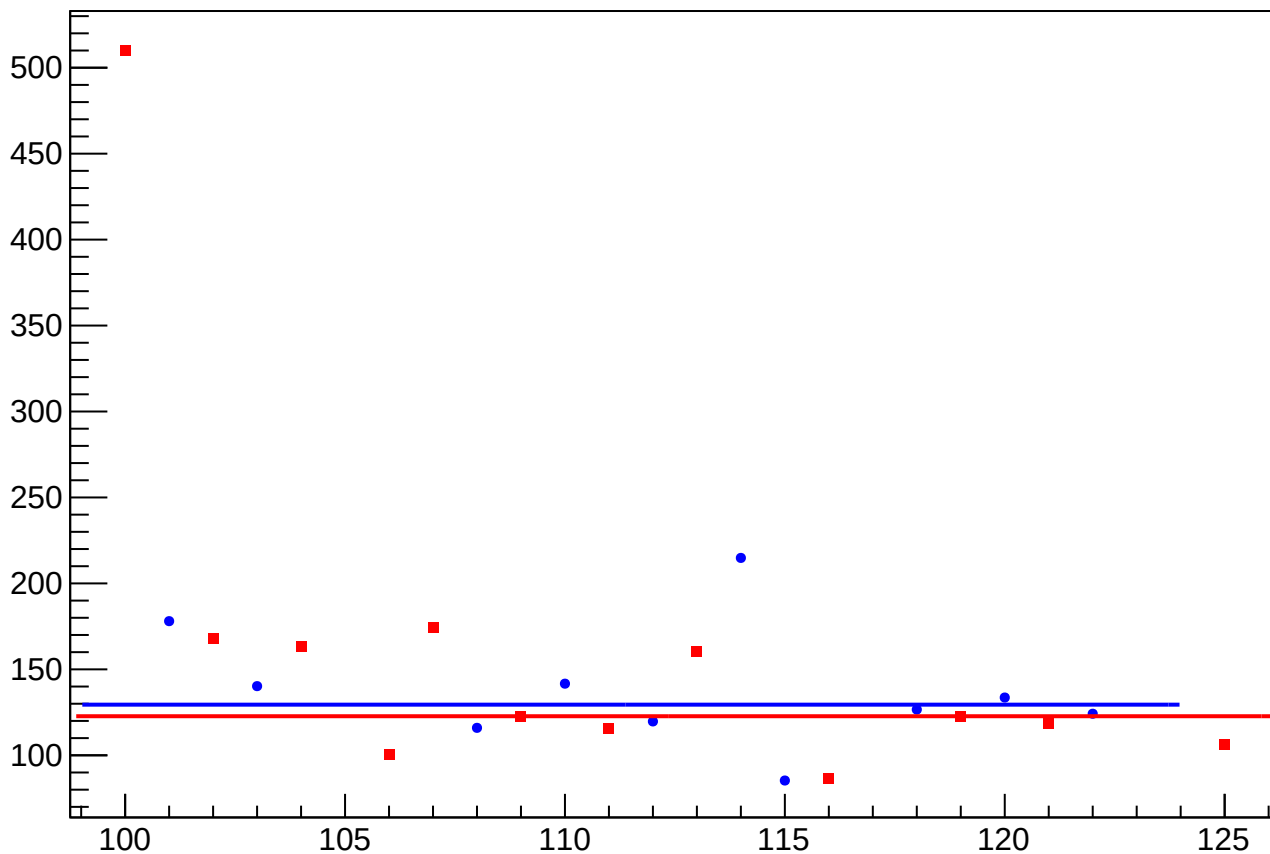
Right: 0.048+/-0.045 χ^2/NDF : 29.1/21

In: 0.022+/-0.067 χ^2/NDF : 6.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.048+/-0.045 χ^2/NDF : 29.1/21

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: 122.733 ± 0.043 χ^2/NDF : 394205.9/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

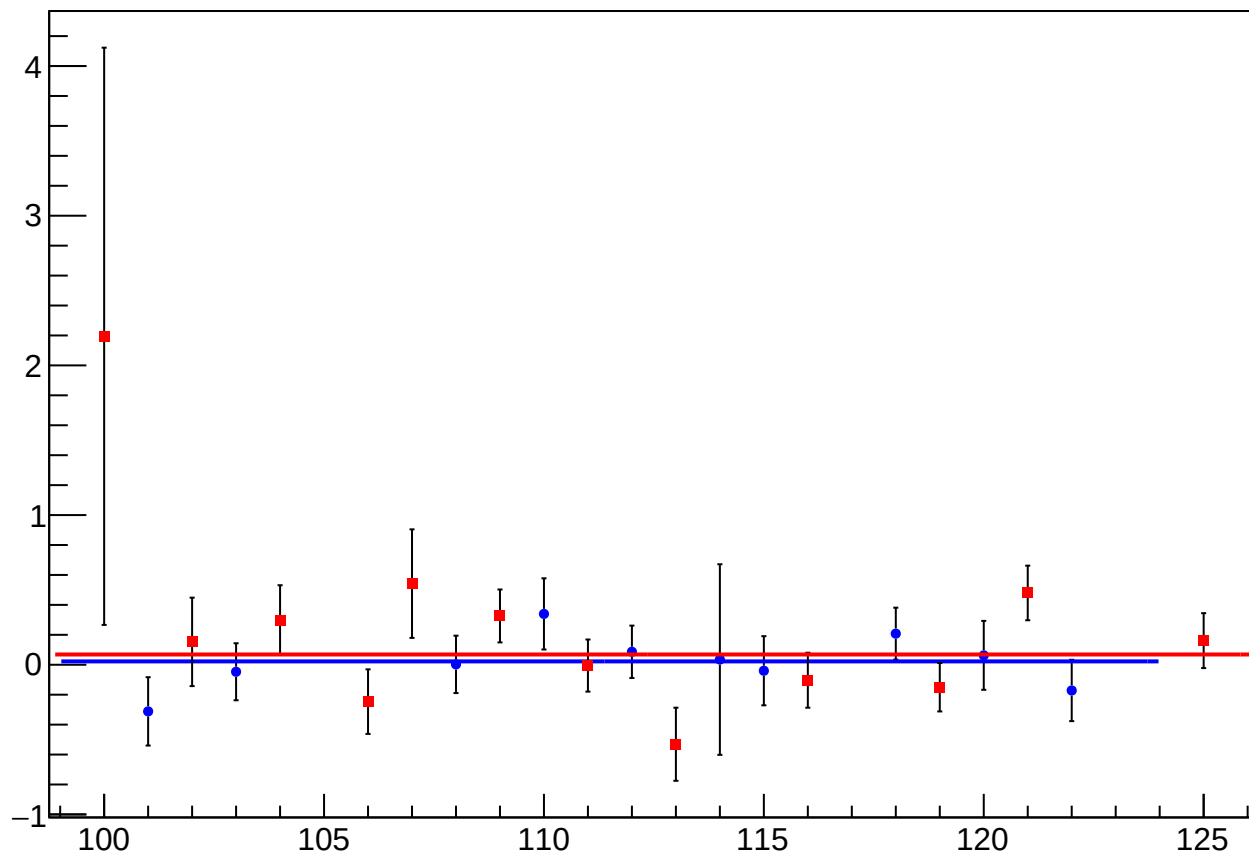
Right: 125.774 ± 0.032 χ^2/NDF : 635008.5/21

In: 129.462 ± 0.048 χ^2/NDF : 229813.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 125.774 ± 0.032 χ^2/NDF : 635008.5/21

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022 $\pm$ 0.067 χ^2 /NDF: 6.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.069 $\pm$ 0.061 χ^2 /NDF: 22.5/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

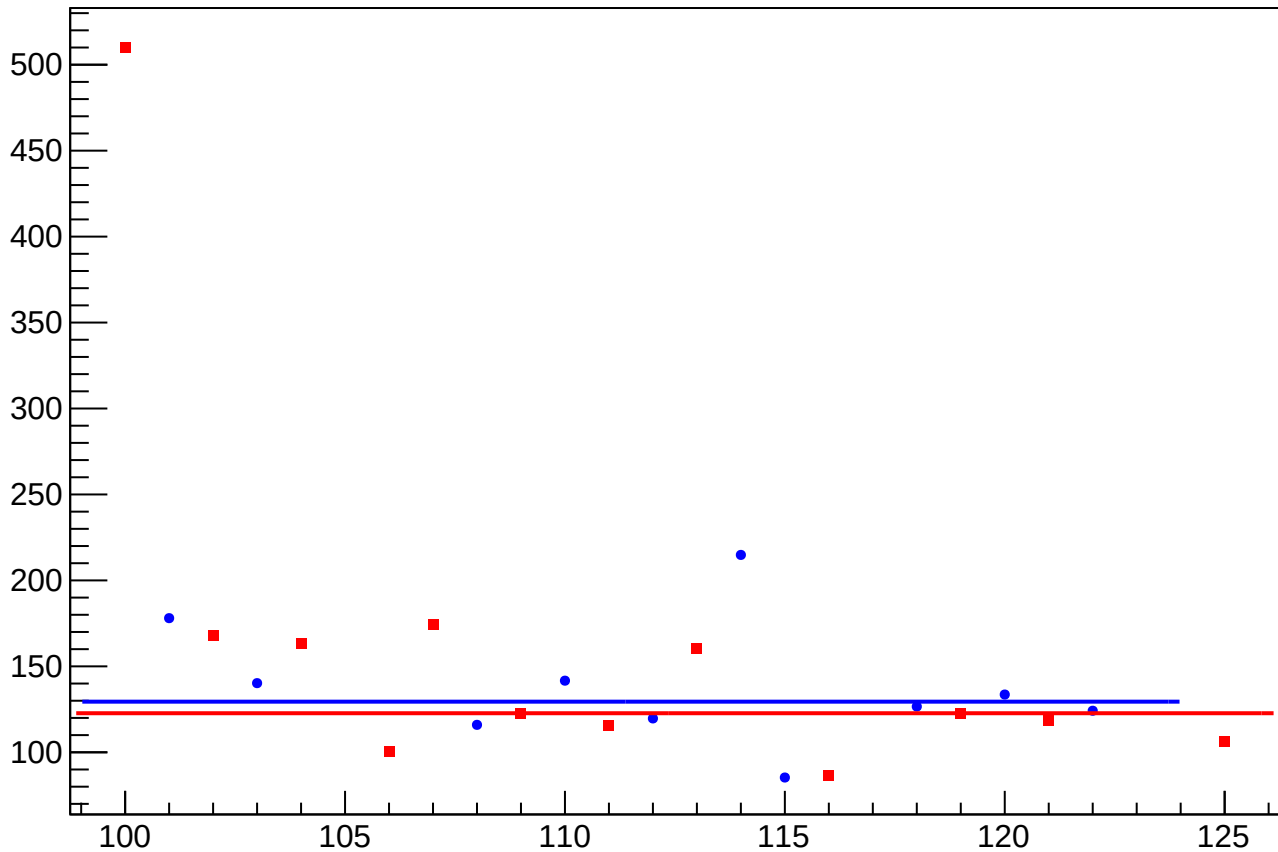
Right: 0.048 $\pm$ 0.045 χ^2 /NDF: 29.1/21

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: 0.048 $\pm$ 0.045 χ^2 /NDF: 29.1/21

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: 122.733 $\pm$ 0.043 χ^2 /NDF: 394205.9/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

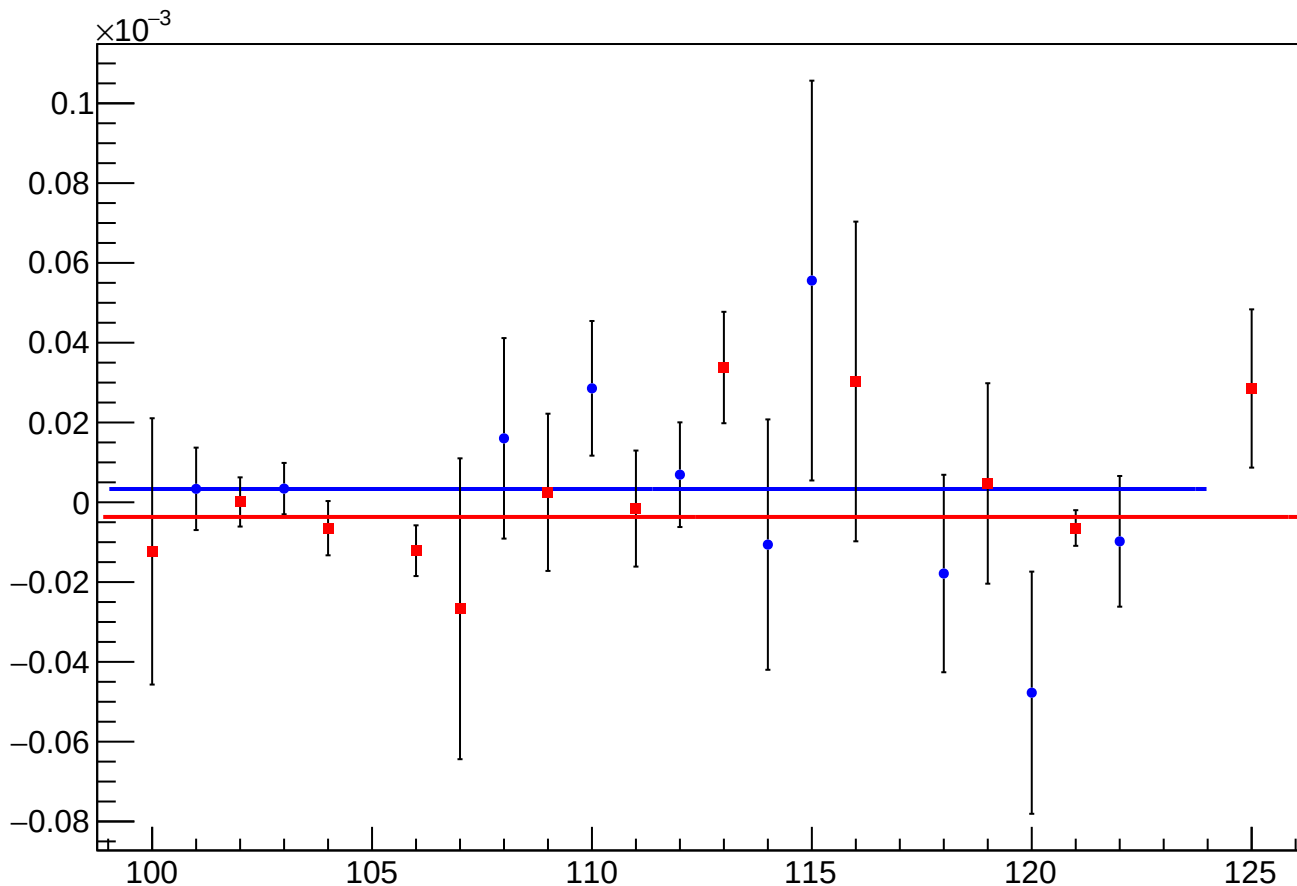
Right: 125.774 $\pm$ 0.032 χ^2 /NDF: 635008.5/21

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: 125.774 $\pm$ 0.032 χ^2 /NDF: 635008.5/21

asym_usl_atl2_avg_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: 13.9/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

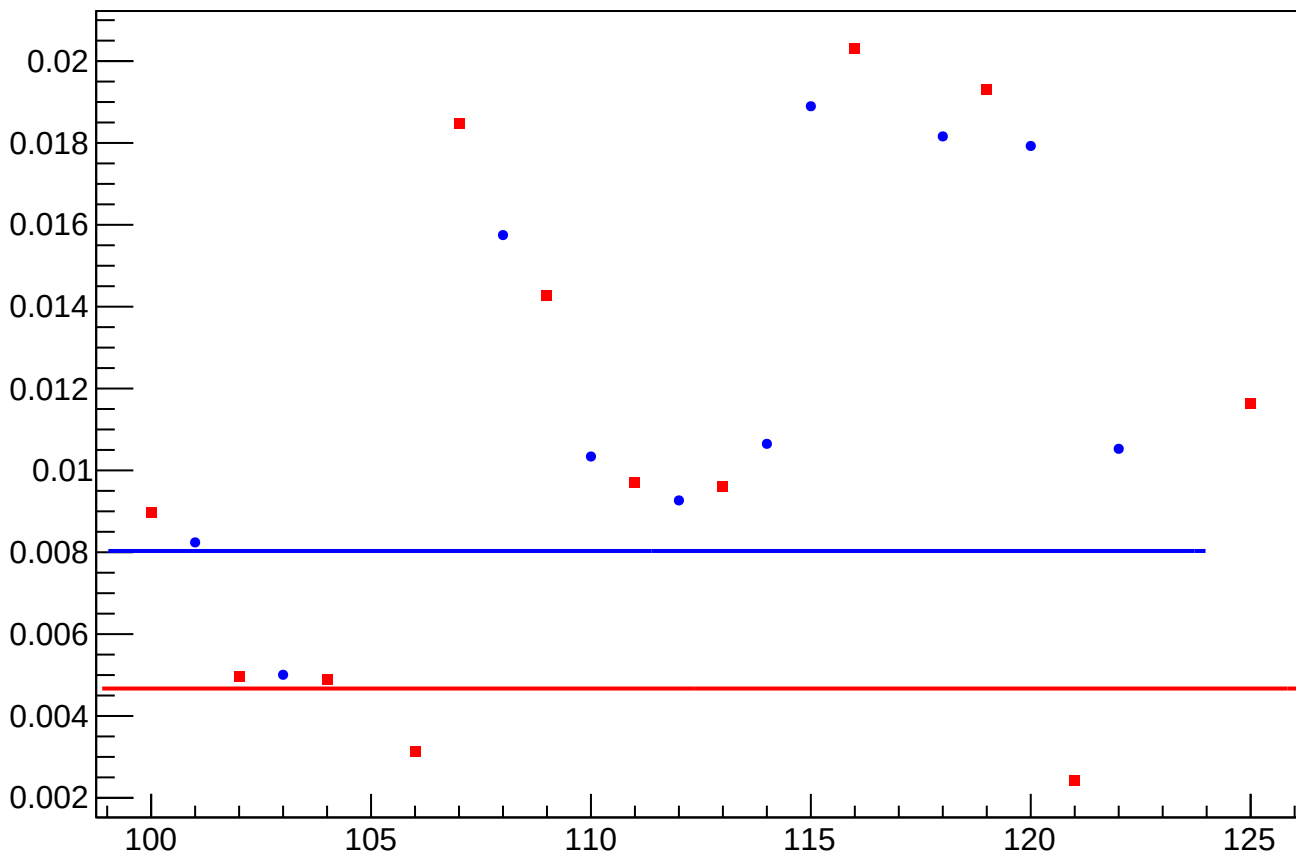
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 23.8/21

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: 23.8/21

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 : 3127517.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

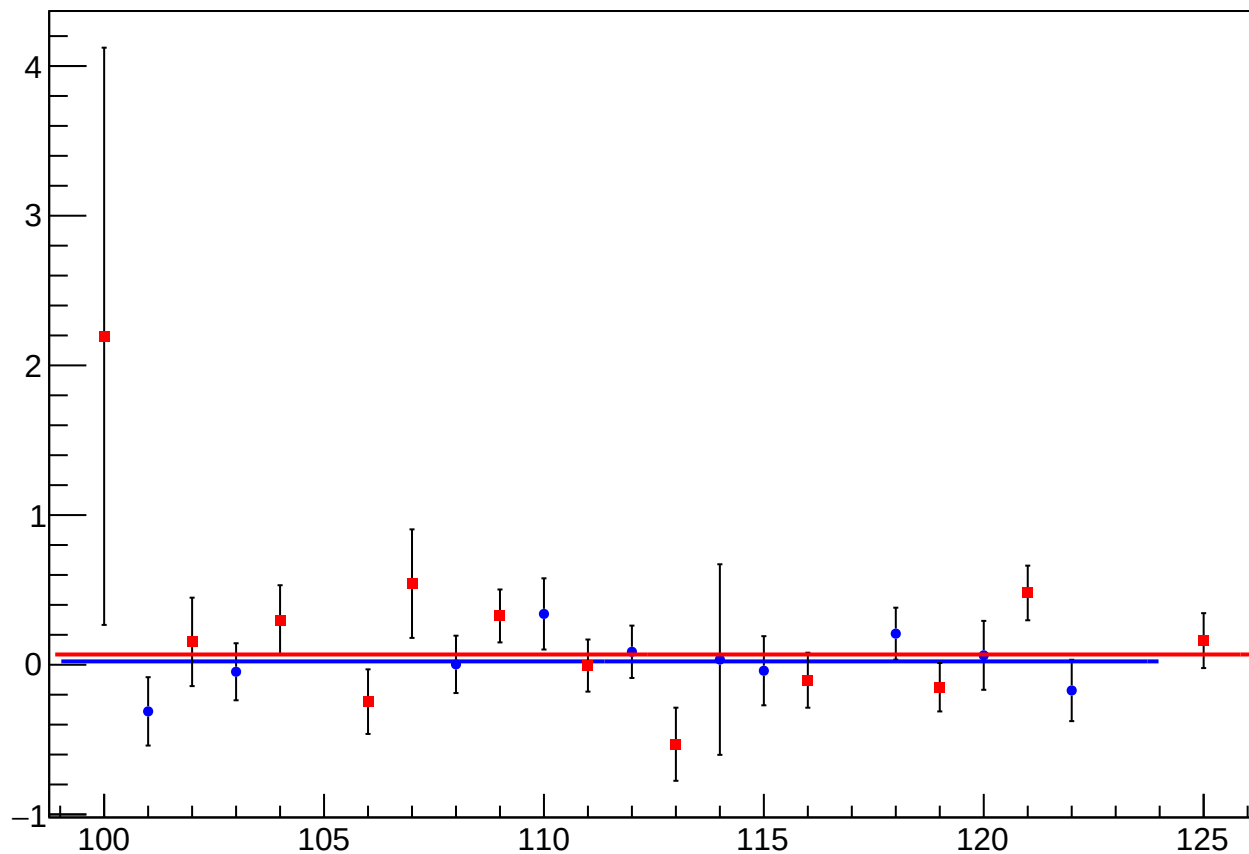
Right: 0.006+/-0.000 χ^2/NDF : 5378258.3/21

In: 0.008+/-0.000 χ^2/NDF : 1388520.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 5378258.3/21

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.067 χ^2/NDF : 6.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.069+/-0.061 χ^2/NDF : 22.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

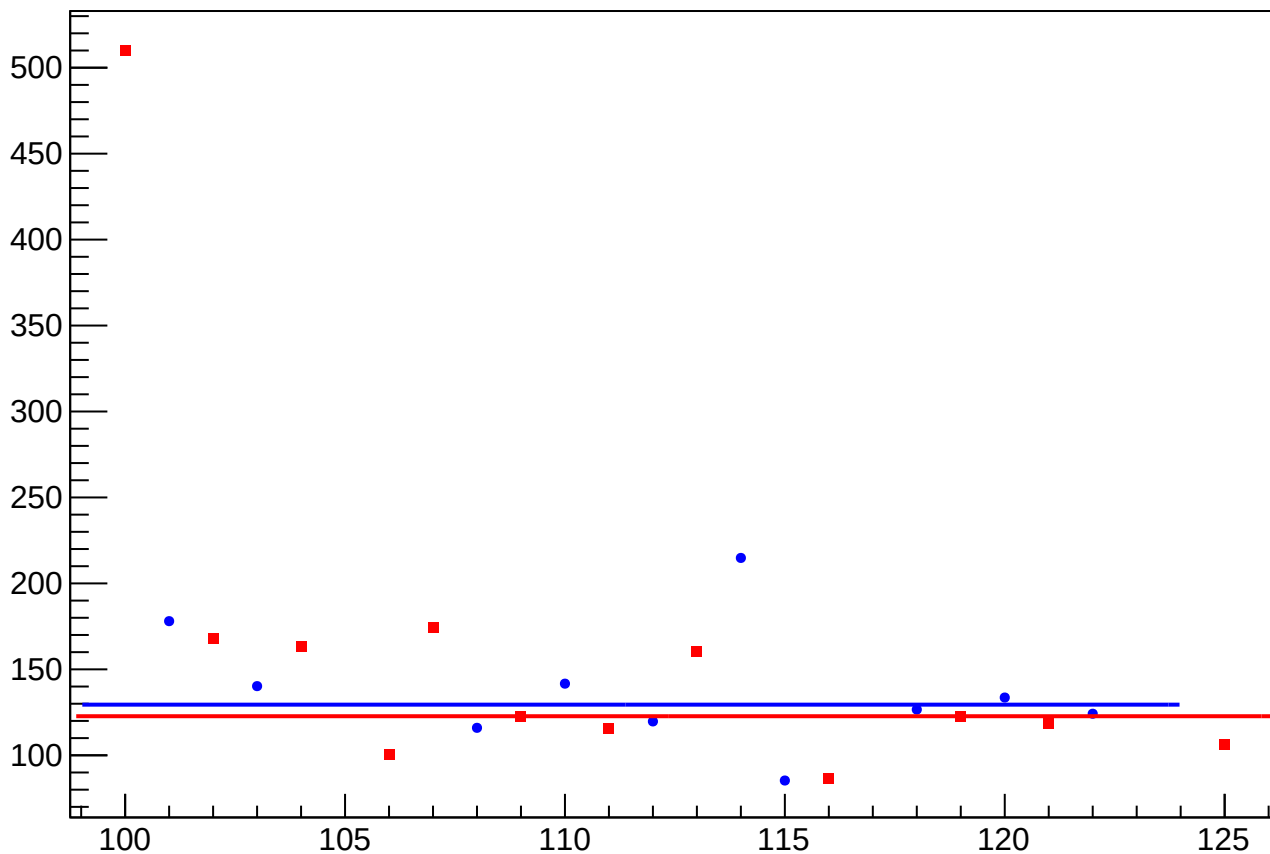
Right: 0.048+/-0.045 χ^2/NDF : 29.1/21

In: 0.022+/-0.067 χ^2/NDF : 6.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.048+/-0.045 χ^2/NDF : 29.1/21

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: 122.734+/-0.043 χ^2/NDF : 394184.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

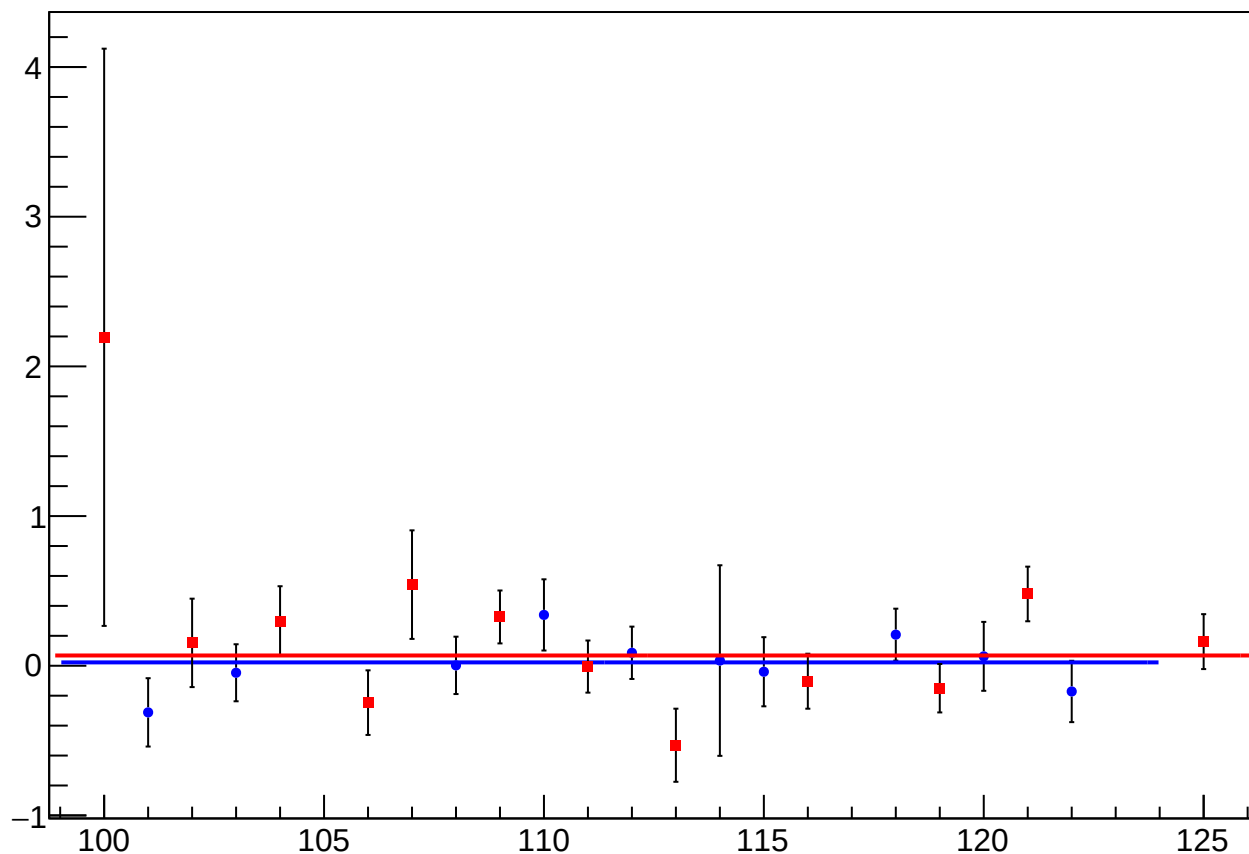
Right: 125.775+/-0.032 χ^2/NDF : 634967.1/21

In: 129.463+/-0.048 χ^2/NDF : 229793.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.775+/-0.032 χ^2/NDF : 634967.1/21

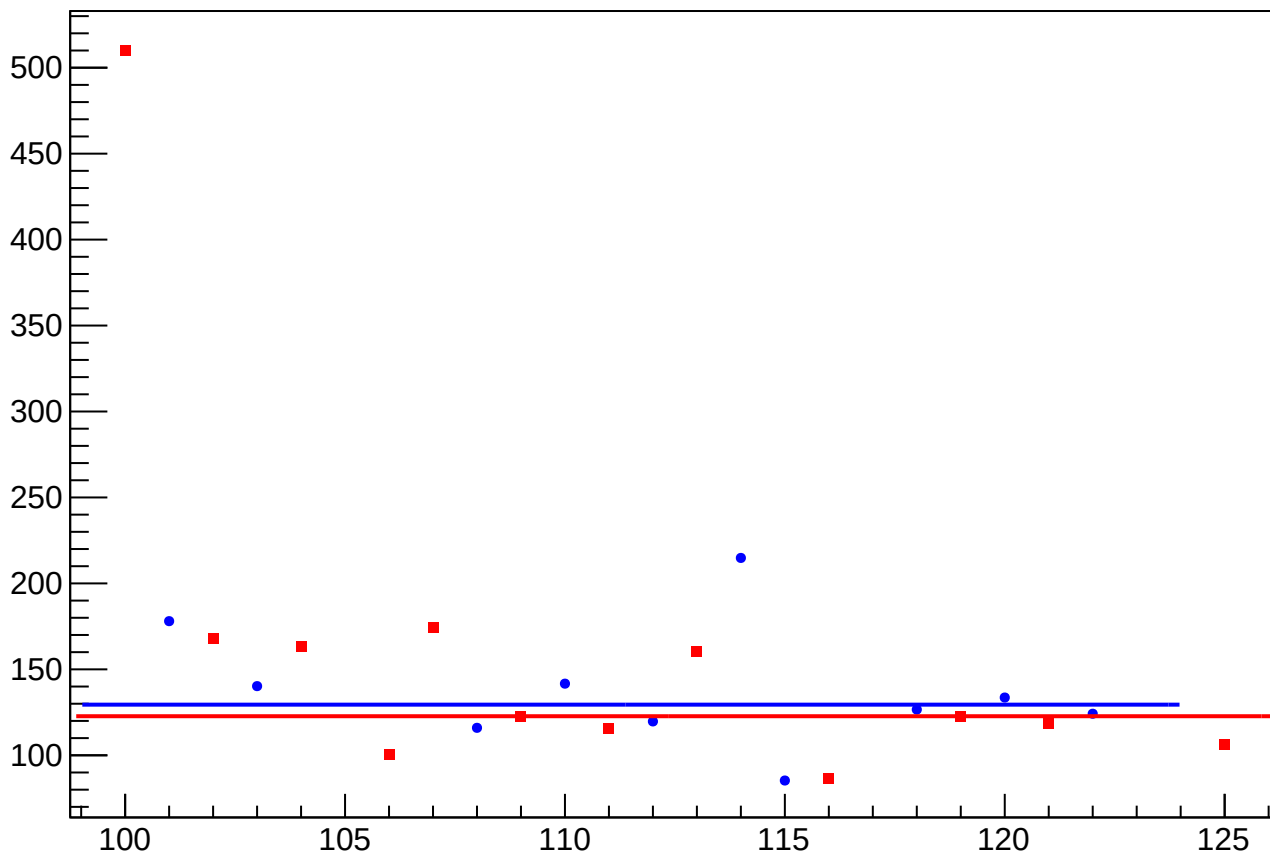
asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022 $\pm$ 0.067 χ^2 /NDF: 6.3/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.069 $\pm$ 0.061 χ^2 /NDF: 22.5/11
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.048 $\pm$ 0.045 χ^2 /NDF: 29.1/21
 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: 0.048 $\pm$ 0.045 χ^2 /NDF: 29.1/21

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: 122.734+/-0.043 χ^2/NDF : 394184.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

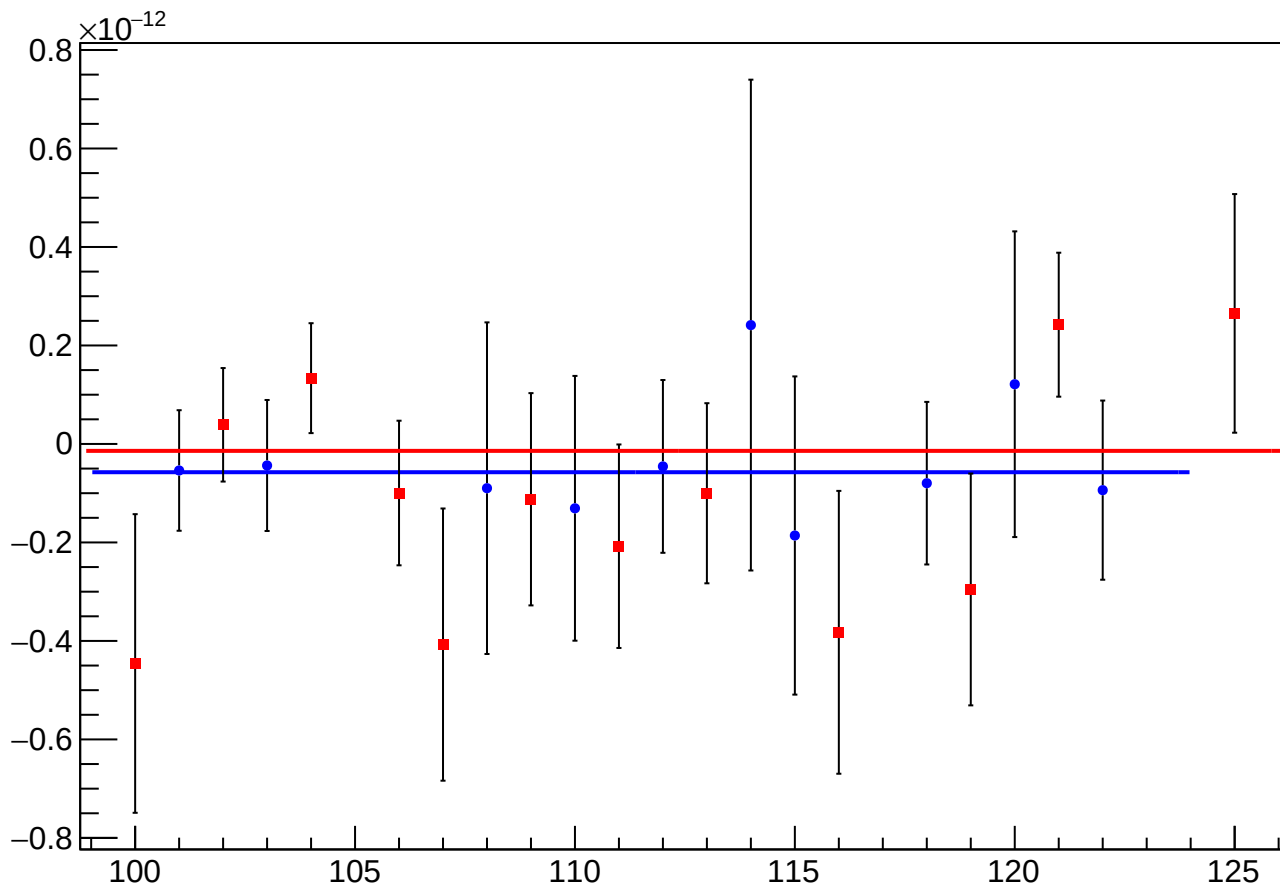
Right: 125.775+/-0.032 χ^2/NDF : 634967.1/21

In: 129.463+/-0.048 χ^2/NDF :229793.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 125.775+/-0.032 χ^2/NDF : 634967.1/21

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: 15.1/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

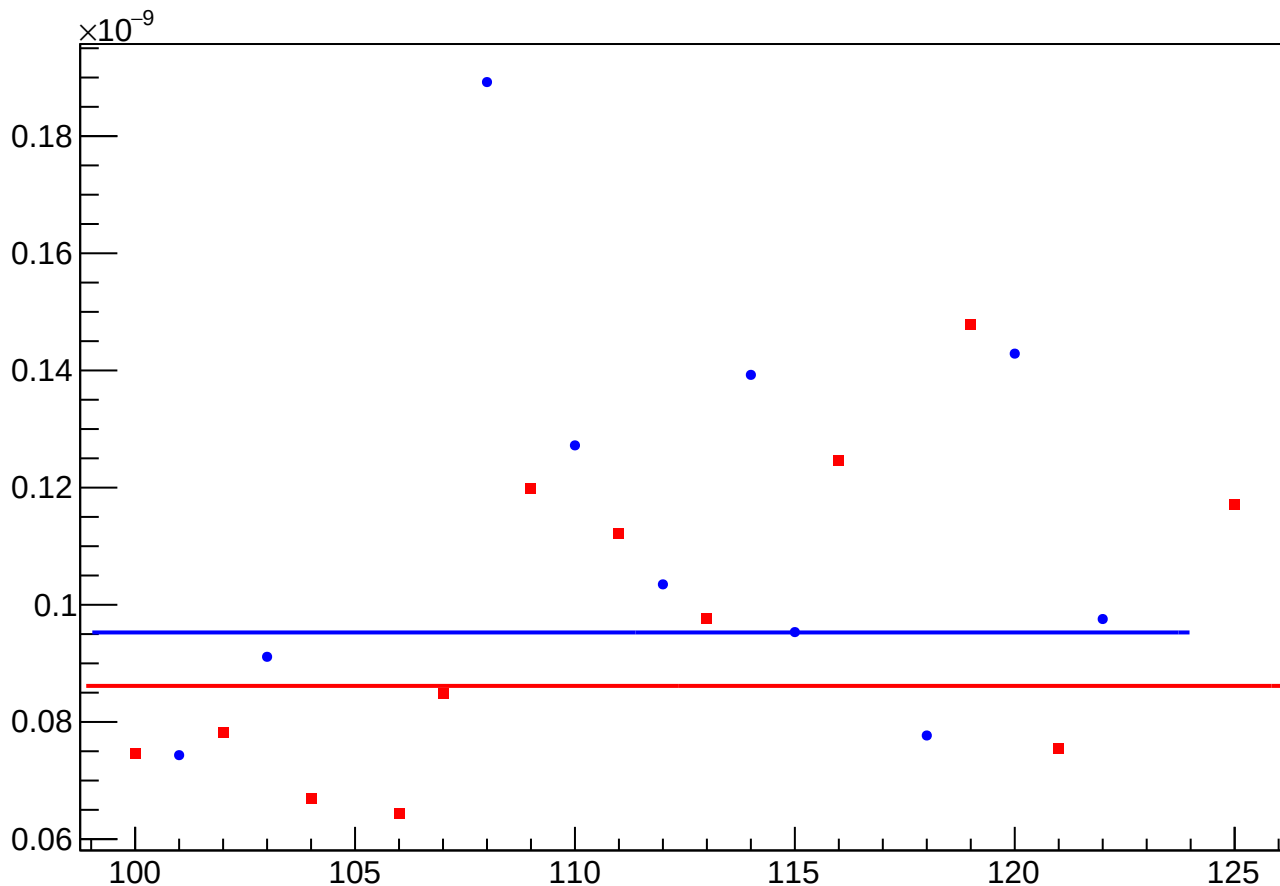
Right: -0.000+/-0.000 χ^2 /NDF: 16.4/21

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: 16.4/21

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 : 420907.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

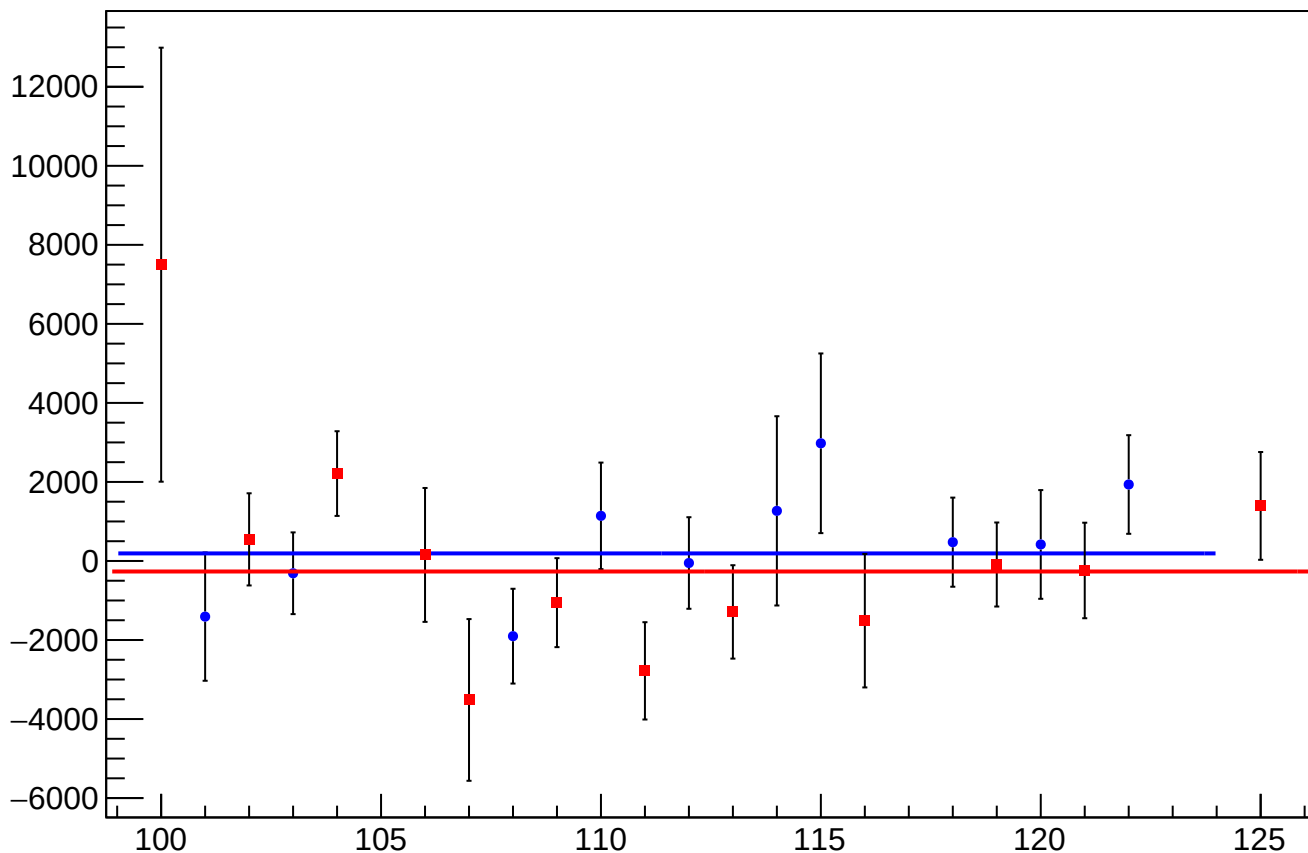
Right: 0.000+/-0.000 χ^2/NDF : 781971.7/21

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 : 781971.7/21

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: -266.313+/-382.138 χ^2/NDF : 17.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

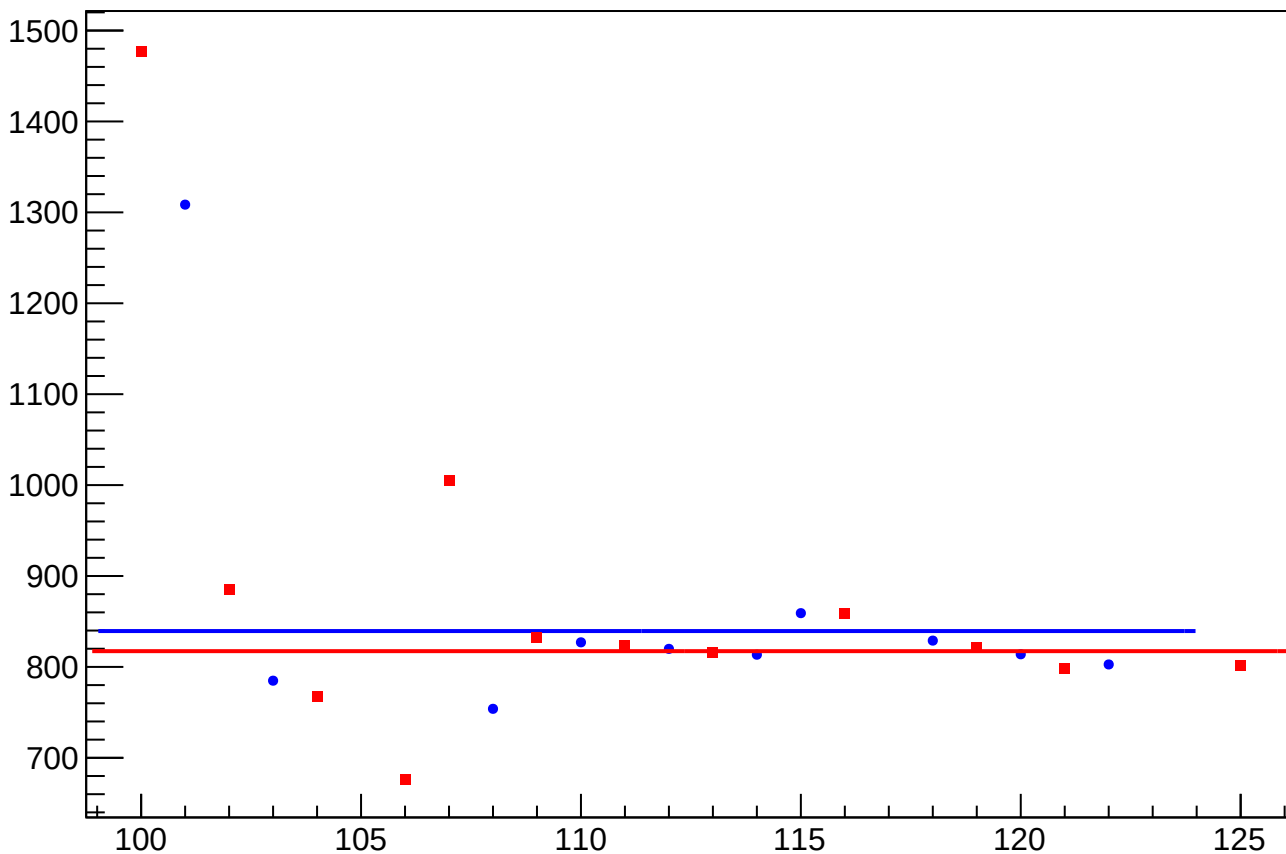
Right: -59.801+/-283.095 χ^2/NDF : 27.1/21

In: 191.395+/-421.457 χ^2/NDF :8.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -59.801+/-283.095 χ^2/NDF : 27.1/21

reg_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 839.447 $\pm$ 0.298 χ^2 /NDF: 186460.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 817.338 $\pm$ 0.266 χ^2 /NDF: 82846.6/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

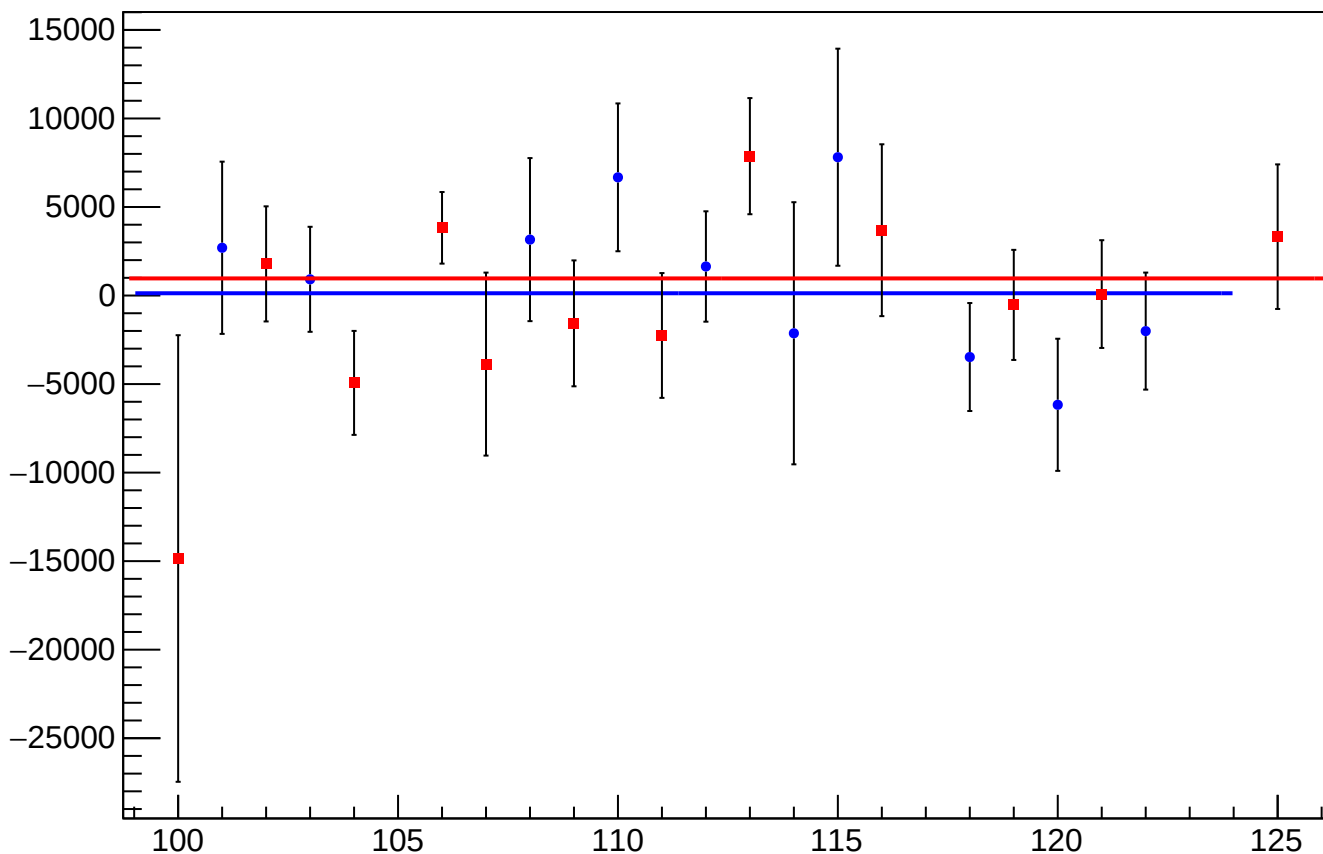
Right: 827.122 $\pm$ 0.198 χ^2 /NDF: 272374.6/21

In: 839.447 $\pm$ 0.298 χ^2 /NDF:186460.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 827.122 $\pm$ 0.198 χ^2 /NDF: 272374.6/21

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: 966.726+/-968.752 χ^2/NDF : 15.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

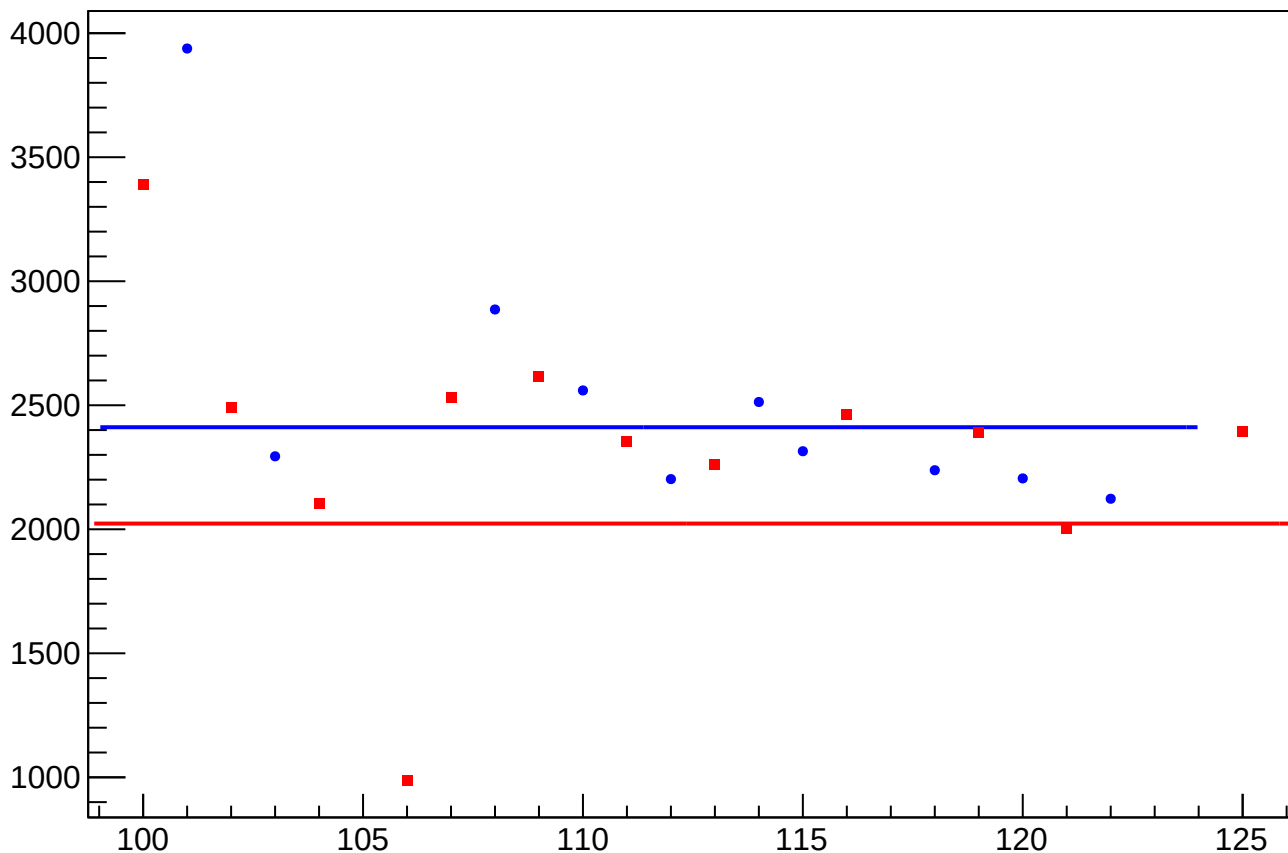
Right: 640.517+/-757.051 χ^2/NDF : 25.4/21

In: 128.798+/-1213.335 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 640.517+/-757.051 χ^2/NDF : 25.4/21

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: 2023.048+/-0.685 χ^2/NDF : 755317.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

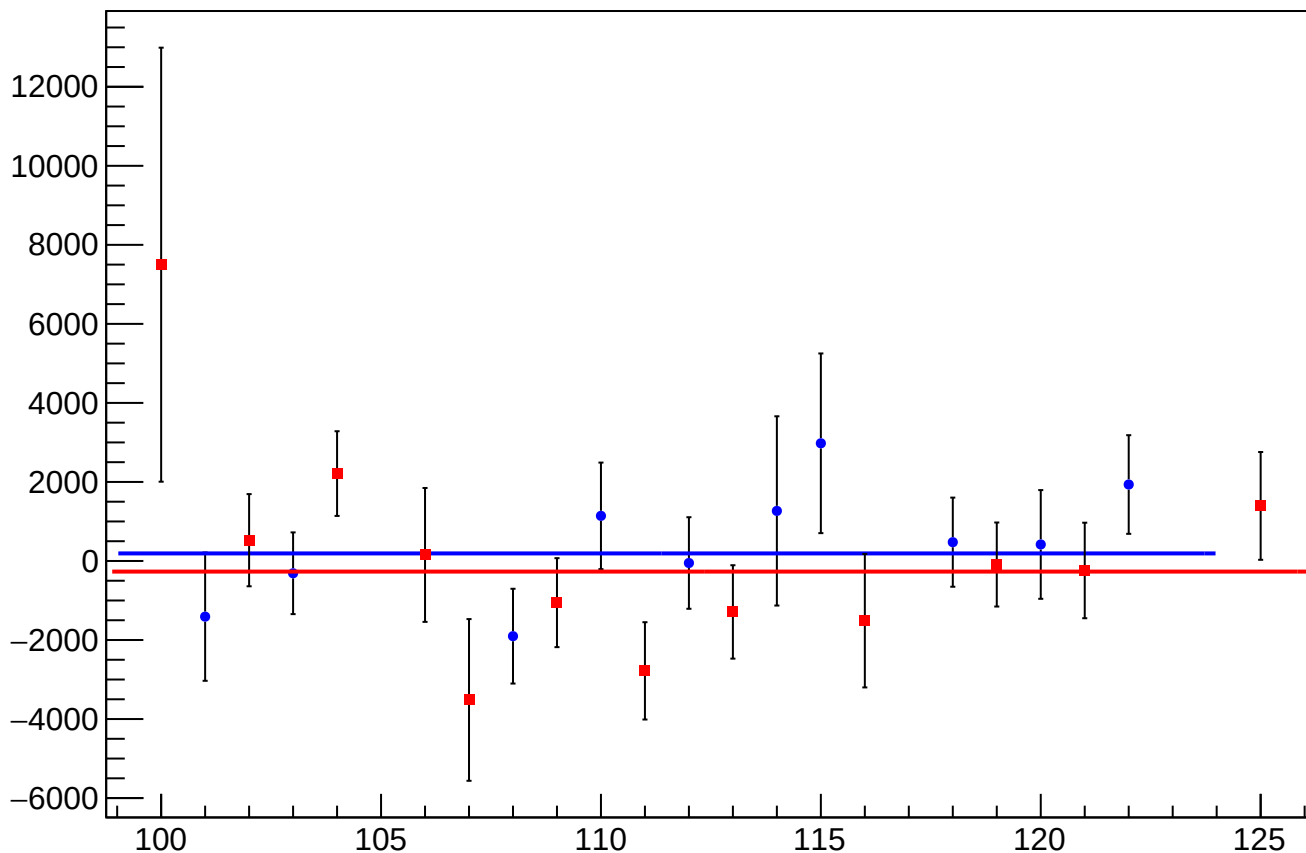
Right: 2174.249+/-0.535 χ^2/NDF : 1142155.4/21

In: 2411.436+/-0.858 χ^2/NDF : 261689.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2174.249+/-0.535 χ^2/NDF : 1142155.4/21

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: -268.607+/-382.146 χ^2/NDF : 17.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

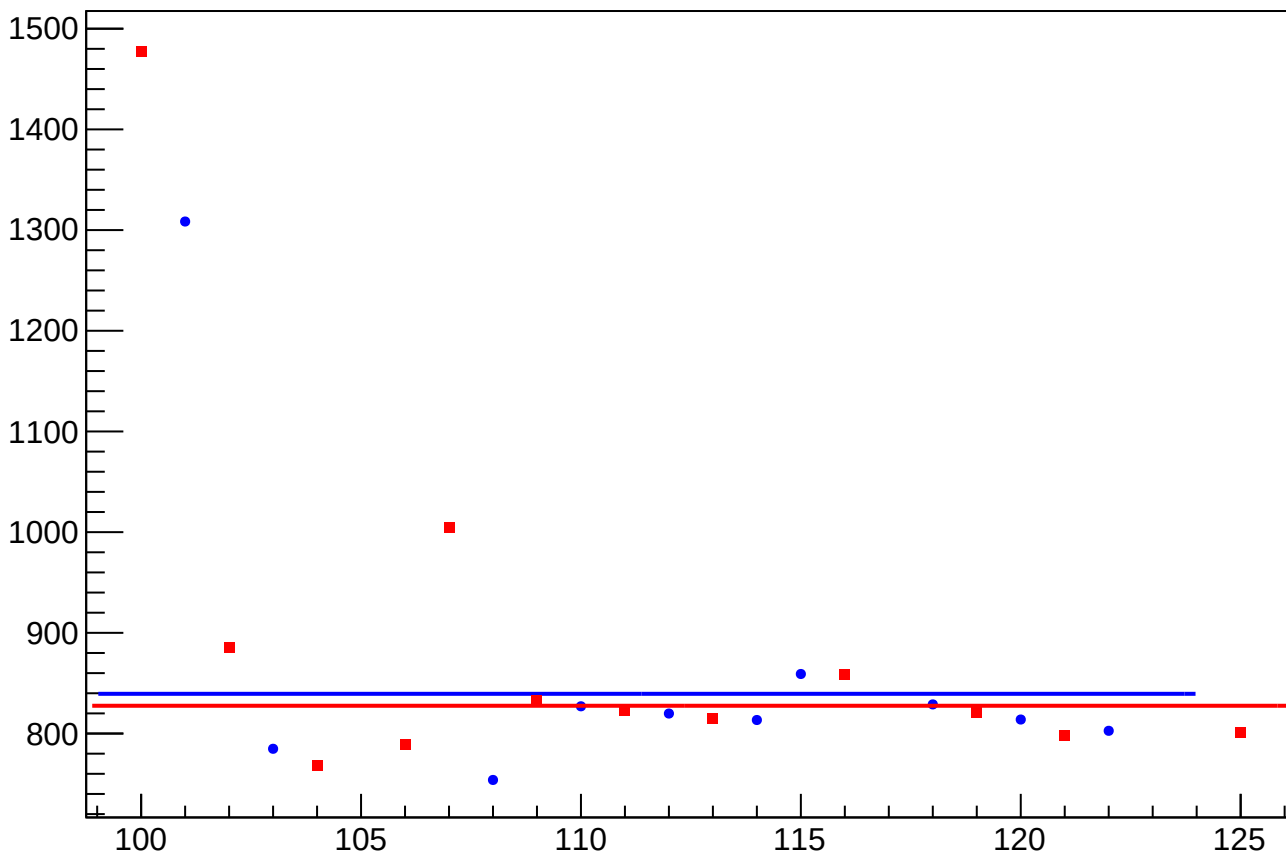
Right: -61.118+/-283.098 χ^2/NDF : 27.1/21

In: 191.255+/-421.457 χ^2/NDF :8.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -61.118+/-283.098 χ^2/NDF : 27.1/21

cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 839.446 $\pm$ 0.298 χ^2 /NDF: 186459.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 827.582 $\pm$ 0.268 χ^2 /NDF: 58399.5/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

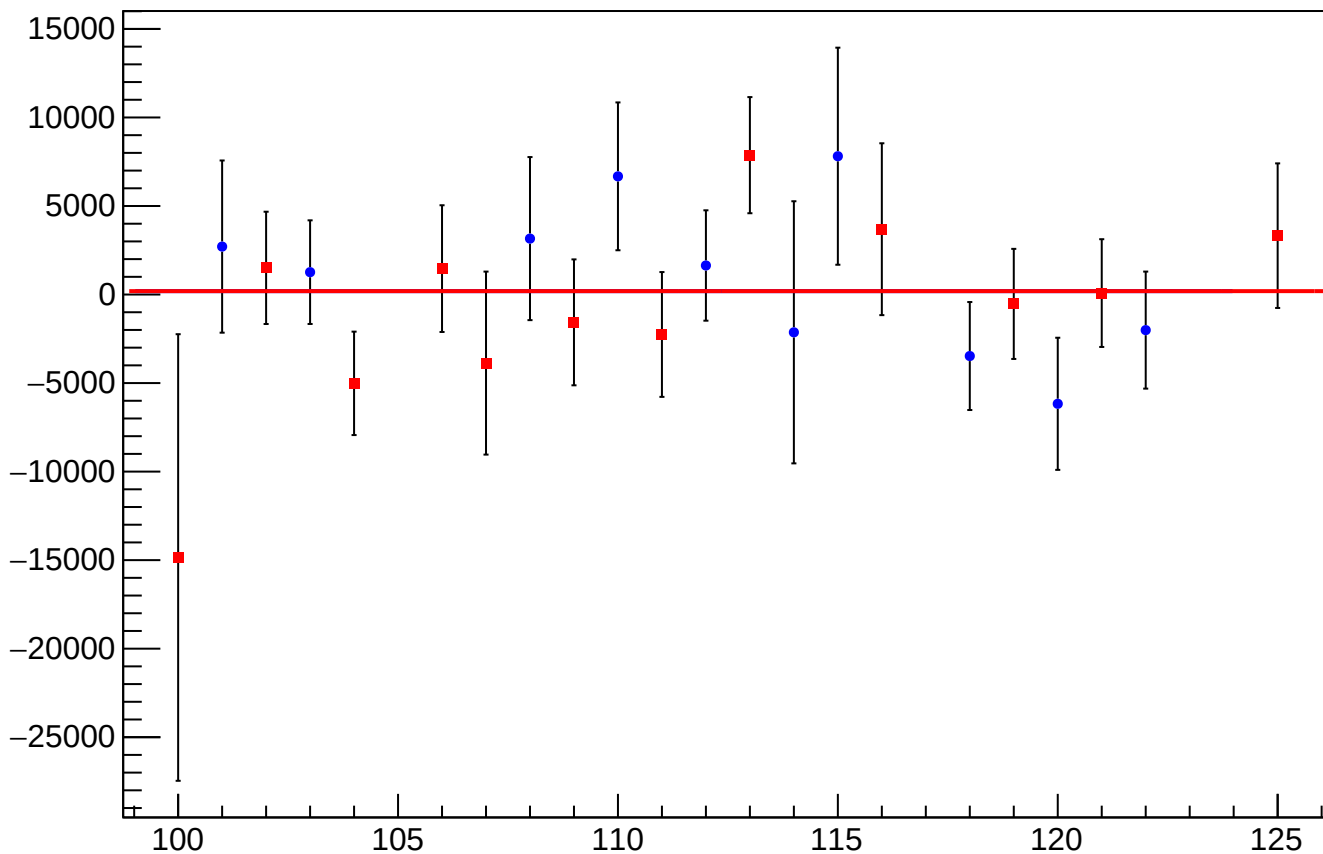
Right: 832.893 $\pm$ 0.199 χ^2 /NDF: 245734.7/21

In: 839.446 $\pm$ 0.298 χ^2 /NDF:186459.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 832.893 $\pm$ 0.199 χ^2 /NDF: 245734.7/21

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: 191.995+/-1051.162 χ^2/NDF : 12.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

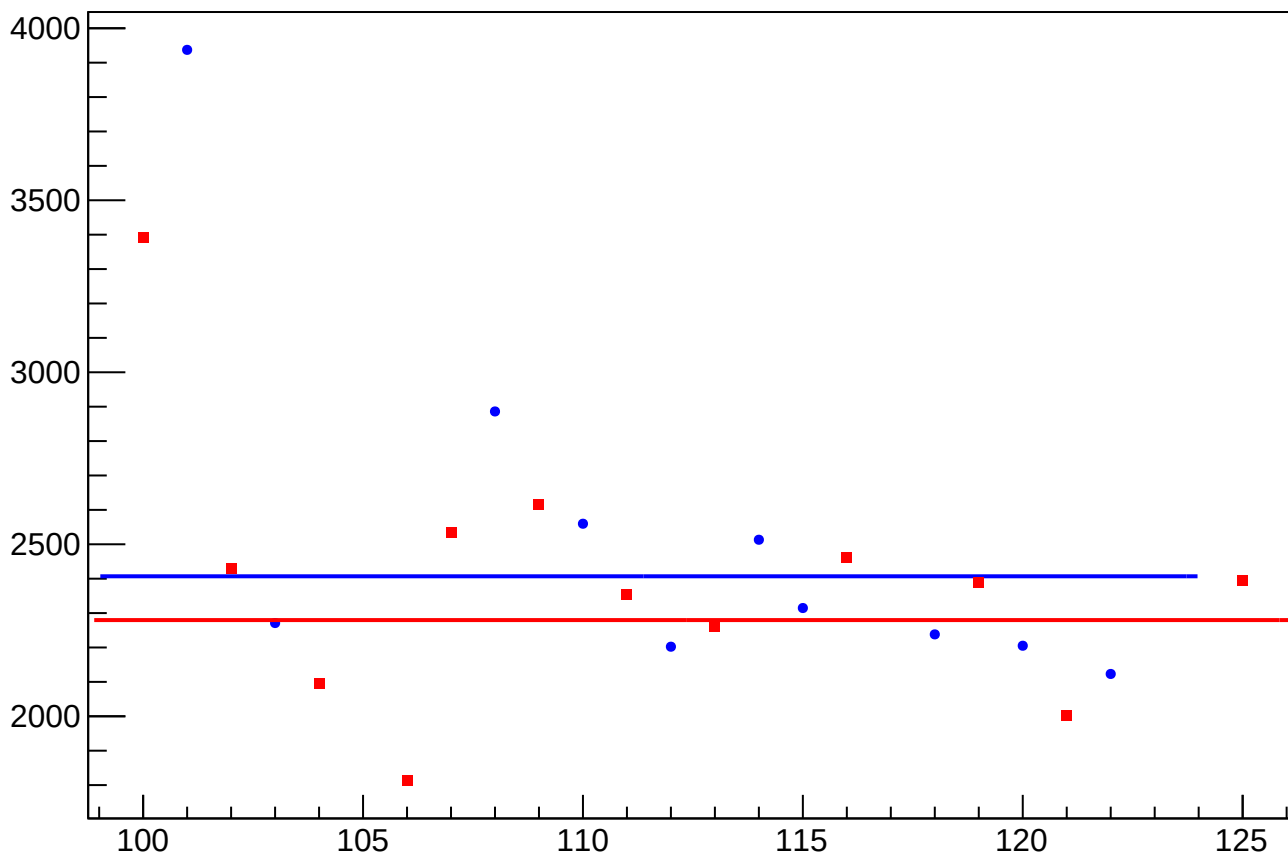
Right: 192.132+/-793.718 χ^2/NDF : 22.8/21

In: 192.315+/-1210.626 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 192.132+/-793.718 χ^2/NDF : 22.8/21

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: 2279.656+/-0.743 χ^2/NDF : 109480.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

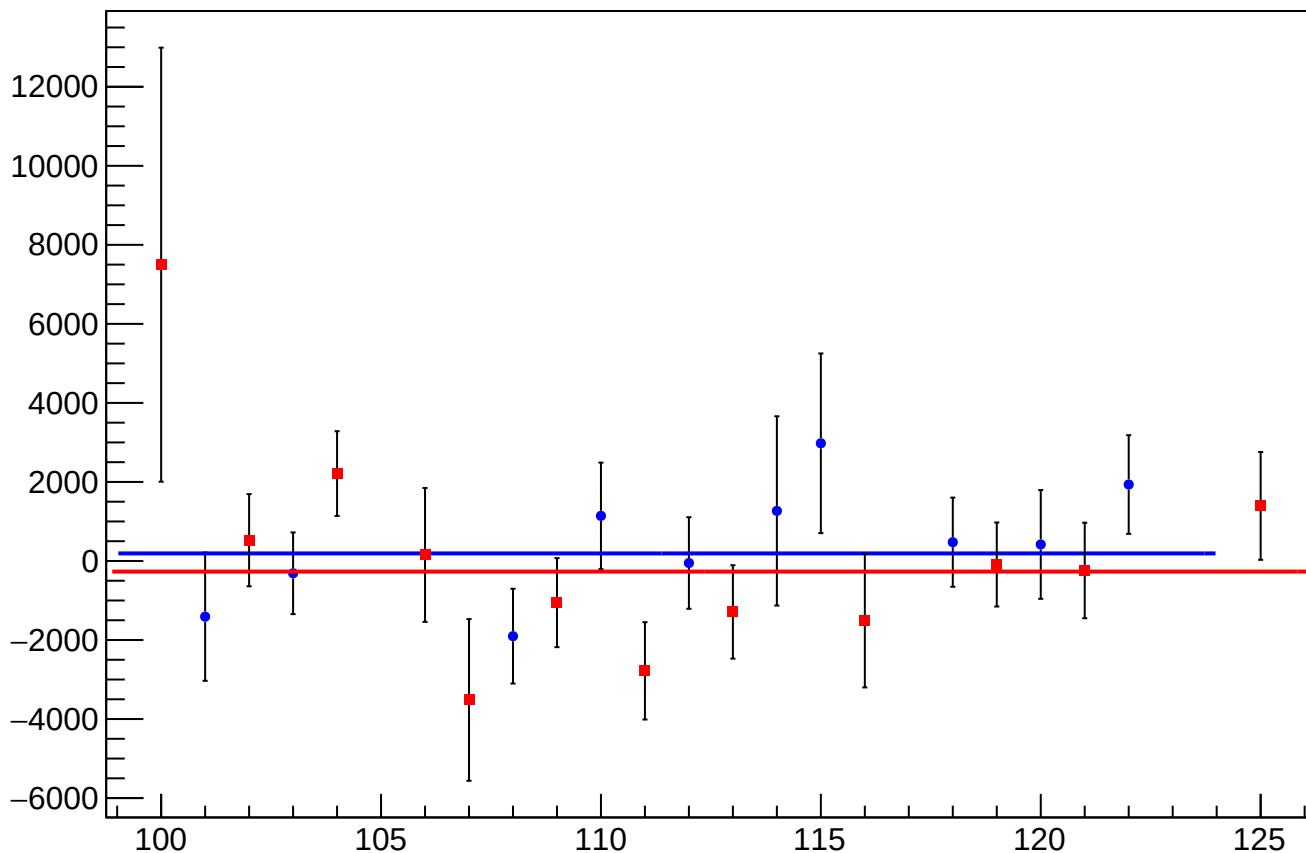
Right: 2334.372+/-0.561 χ^2/NDF : 385069.8/21

In: 2406.948+/-0.856 χ^2/NDF : 262982.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2334.372+/-0.561 χ^2/NDF : 385069.8/21

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: -268.607+/-382.146 χ^2/NDF : 17.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

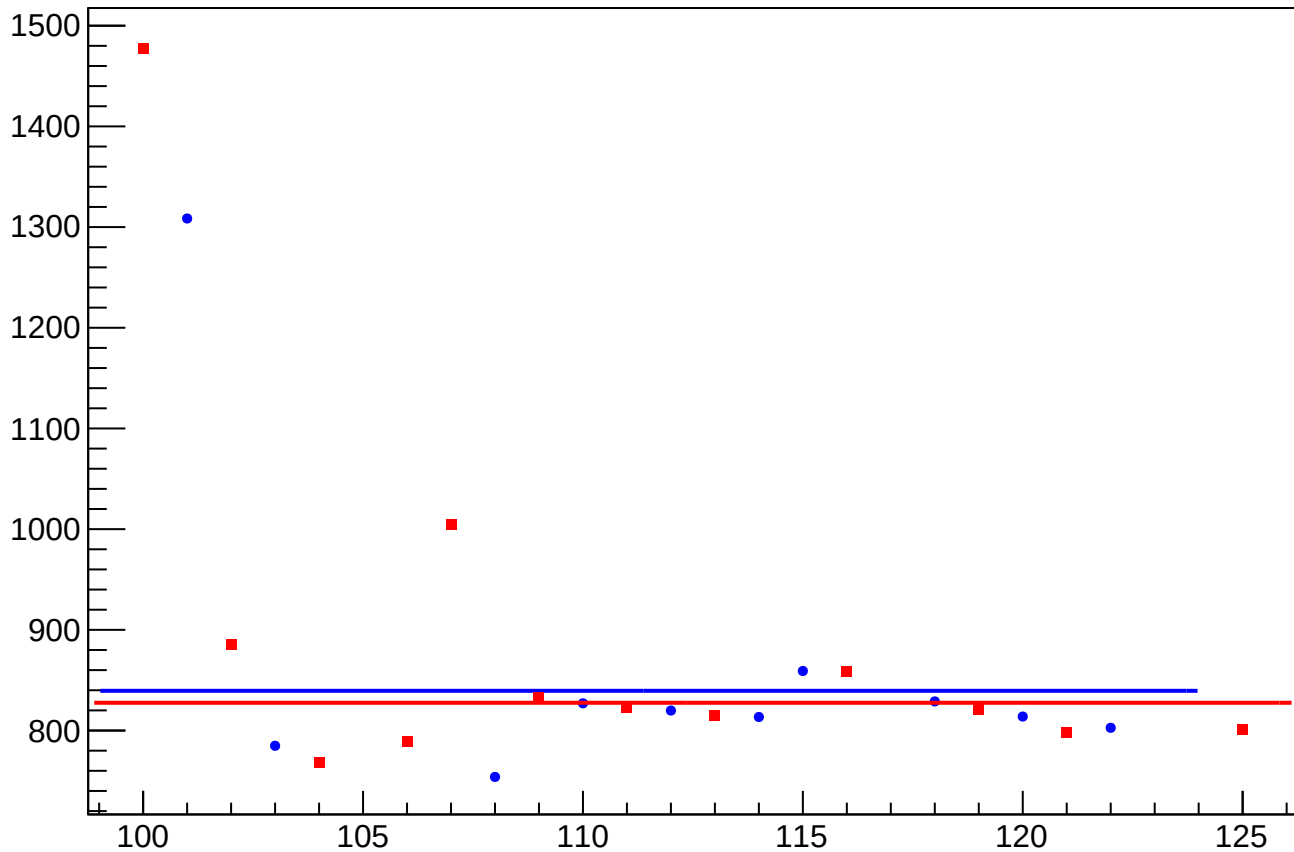
Right: -61.118+/-283.098 χ^2/NDF : 27.1/21

In: 191.255+/-421.457 χ^2/NDF : 8.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -61.118+/-283.098 χ^2/NDF : 27.1/21

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: 827.582+/-0.268 χ^2/NDF : 58399.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

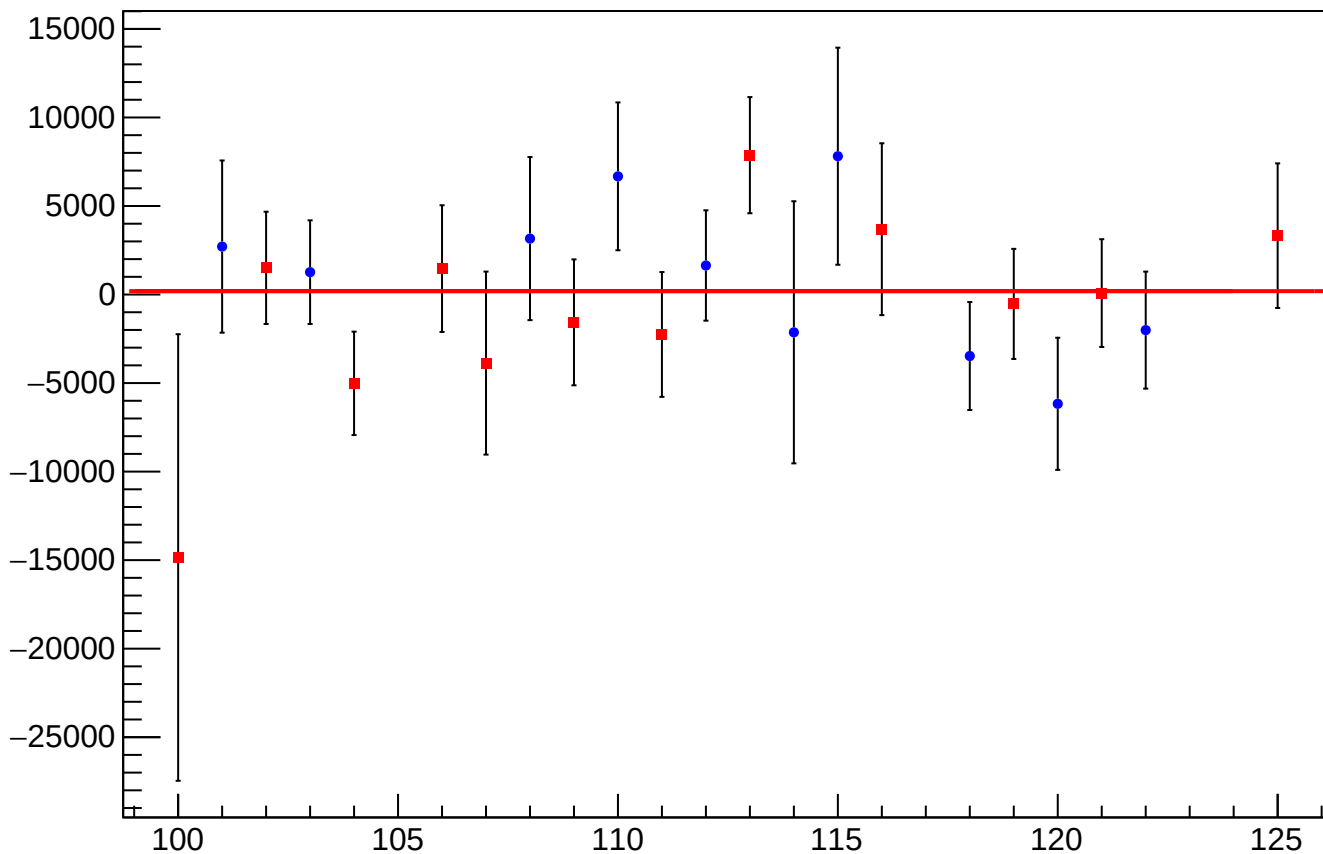
Right: 832.893+/-0.199 χ^2/NDF : 245734.7/21

In: 839.446+/-0.298 χ^2/NDF : 186459.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 832.893+/-0.199 χ^2/NDF : 245734.7/21

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: 191.995+/-1051.162 χ^2/NDF : 12.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

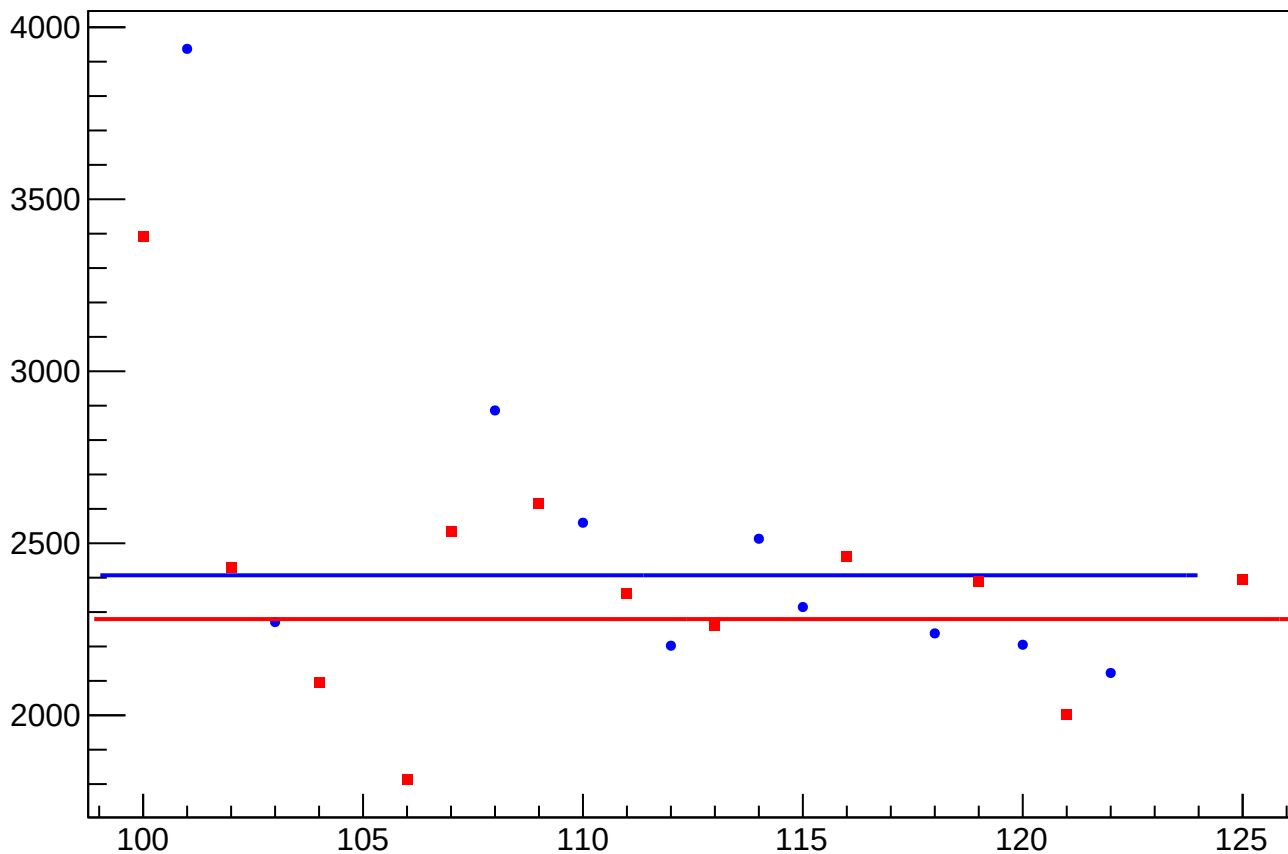
Right: 192.132+/-793.718 χ^2/NDF : 22.8/21

In: 192.315+/-1210.626 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 192.132+/-793.718 χ^2/NDF : 22.8/21

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: 2279.656+/-0.743 χ^2/NDF : 109480.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

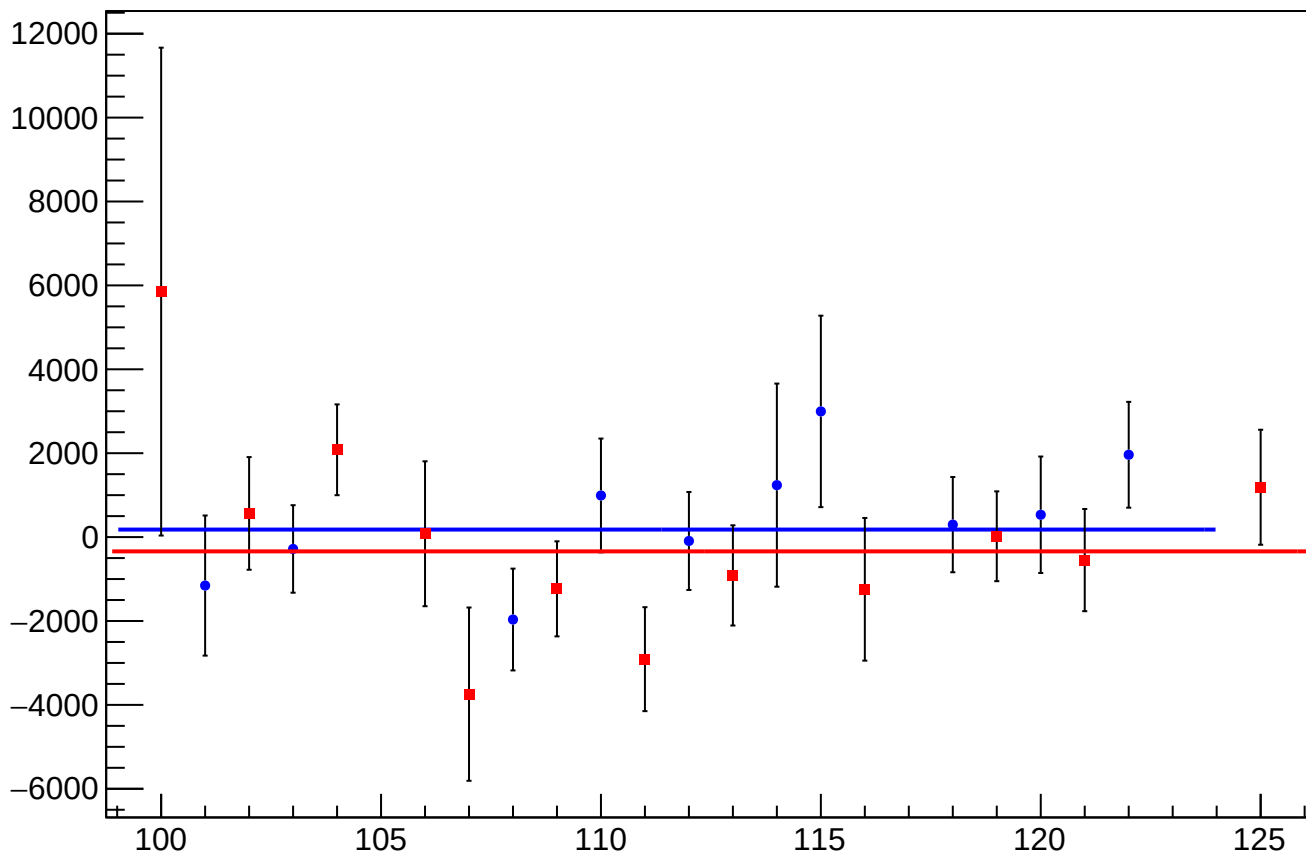
Right: 2334.372+/-0.561 χ^2/NDF : 385069.8/21

In: 2406.948+/-0.856 χ^2/NDF : 262982.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2334.372+/-0.561 χ^2/NDF : 385069.8/21

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: -340.575+/-390.325 χ^2/NDF : 16.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

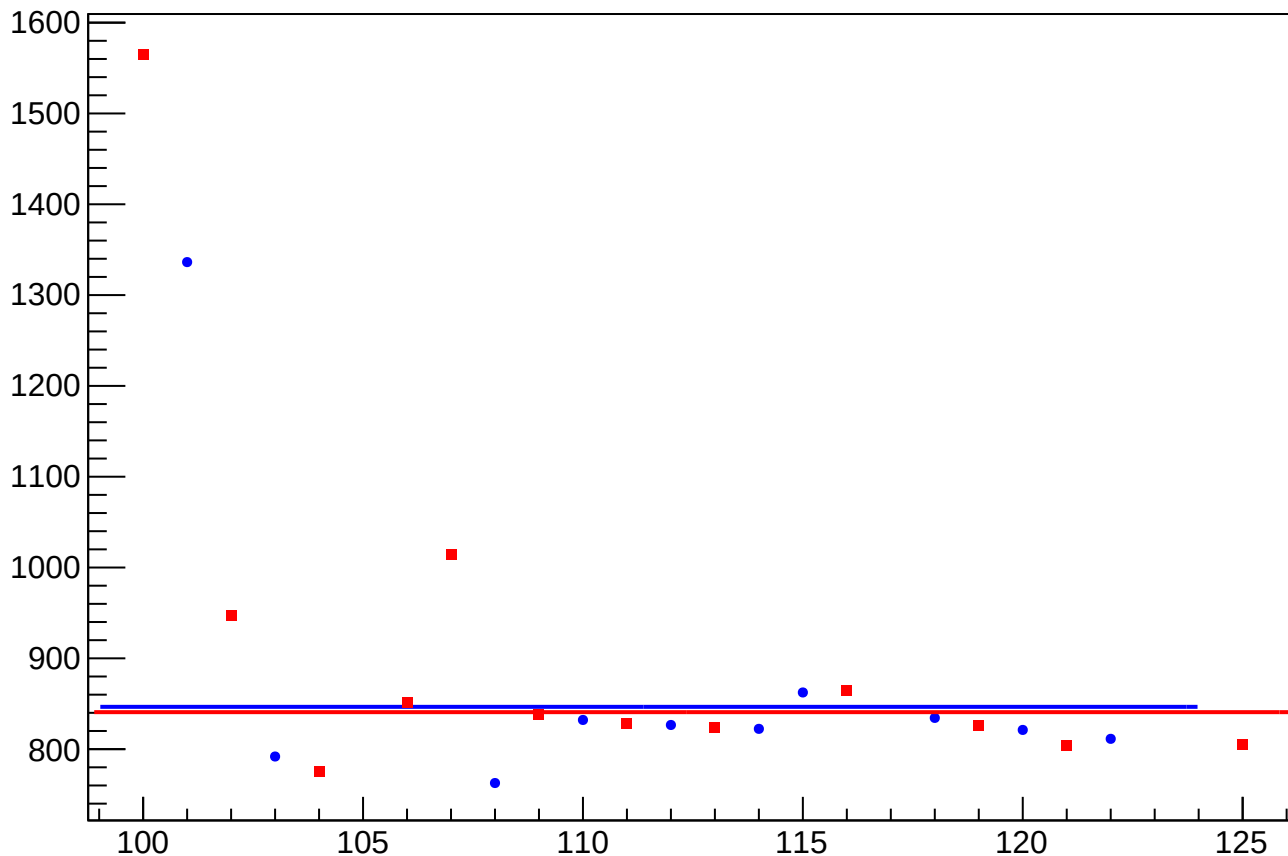
Right: -103.079+/-287.682 χ^2/NDF : 25.2/21

In: 179.357+/-425.656 χ^2/NDF : 8.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -103.079+/-287.682 χ^2/NDF : 25.2/21

dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 846.598 $\pm$ 0.301 χ^2 /NDF: 190629.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 840.740 $\pm$ 0.276 χ^2 /NDF: 69638.9/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

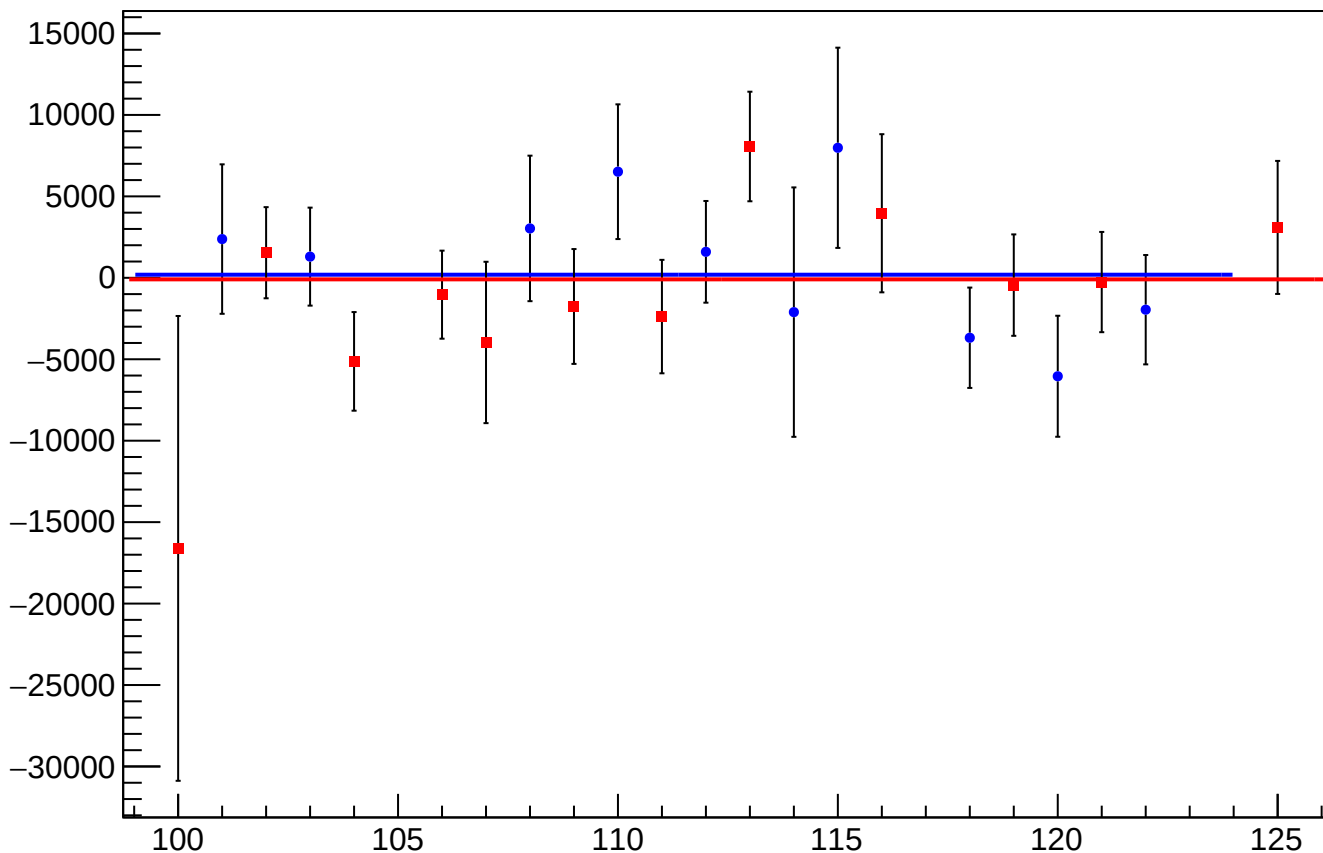
Right: 843.412 $\pm$ 0.203 χ^2 /NDF: 260474.6/21

In: 846.598 $\pm$ 0.301 χ^2 /NDF:190629.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 843.412 $\pm$ 0.203 χ^2 /NDF: 260474.6/21

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: -94.779+/-1009.162 χ^2/NDF : 13.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

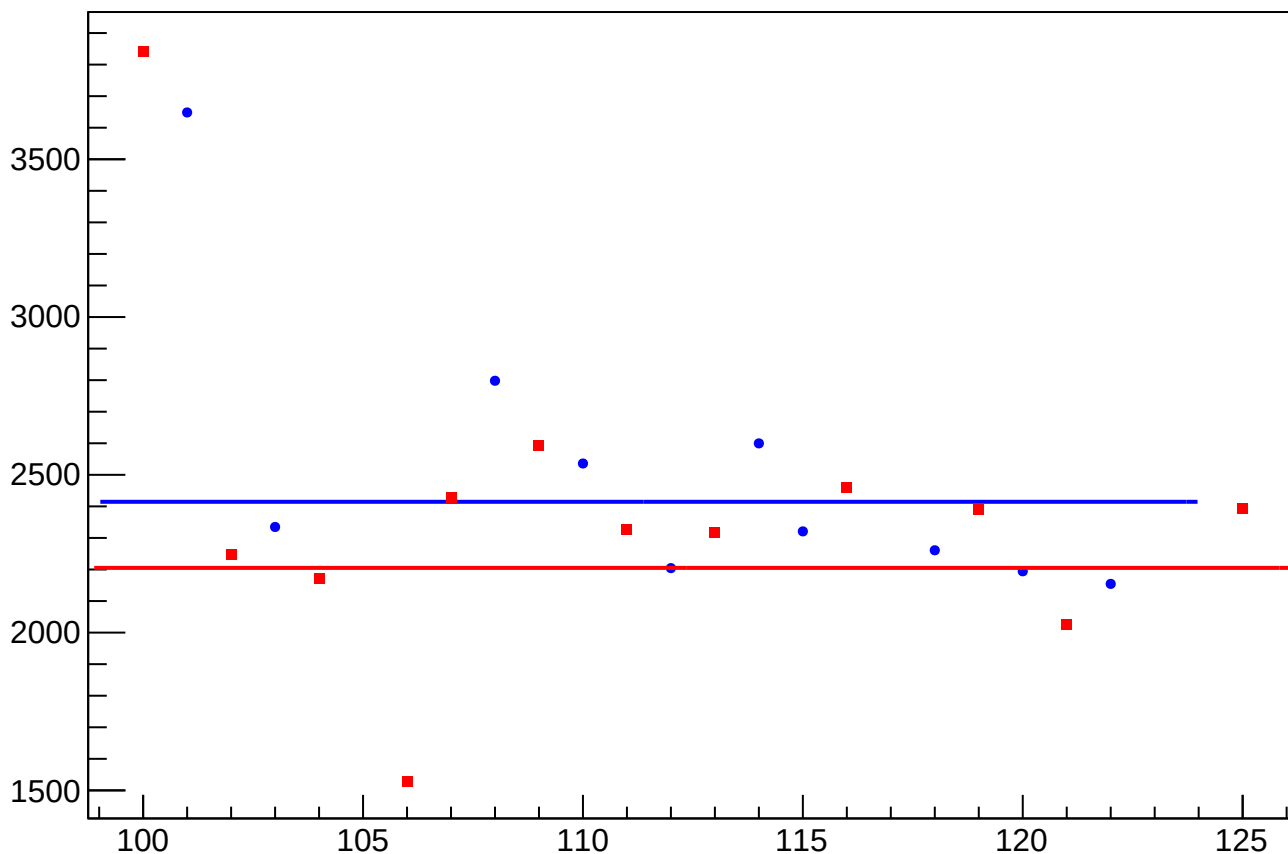
Right: 21.755+/-775.860 χ^2/NDF : 22.9/21

In: 190.200+/-1213.287 χ^2/NDF :9.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 21.755+/-775.860 χ^2/NDF : 22.9/21

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: 2205.114+/-0.714 χ^2/NDF : 208876.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

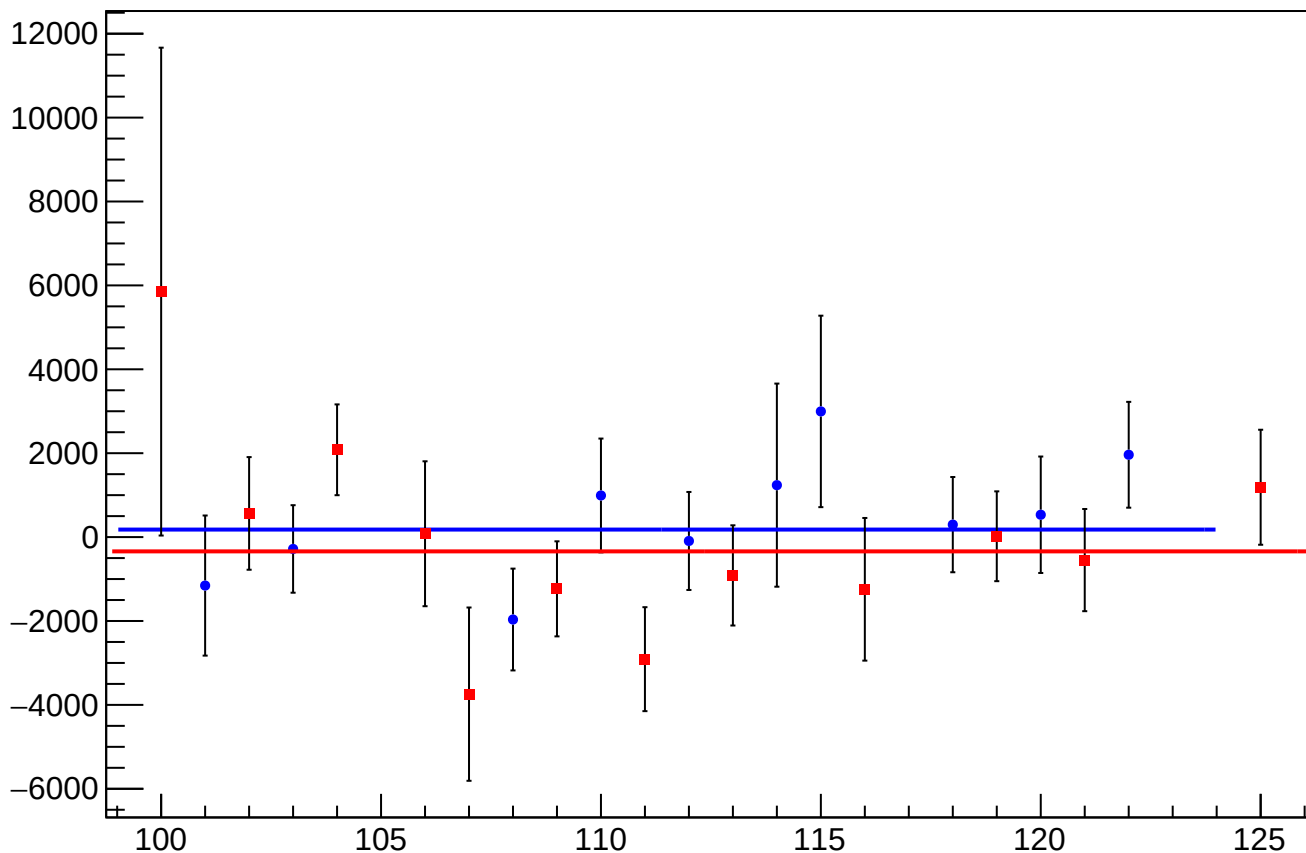
Right: 2290.753+/-0.549 χ^2/NDF : 441315.7/21

In: 2414.539+/-0.858 χ^2/NDF : 197217.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2290.753+/-0.549 χ^2/NDF : 441315.7/21

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: -340.585+/-390.325 χ^2/NDF : 16.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

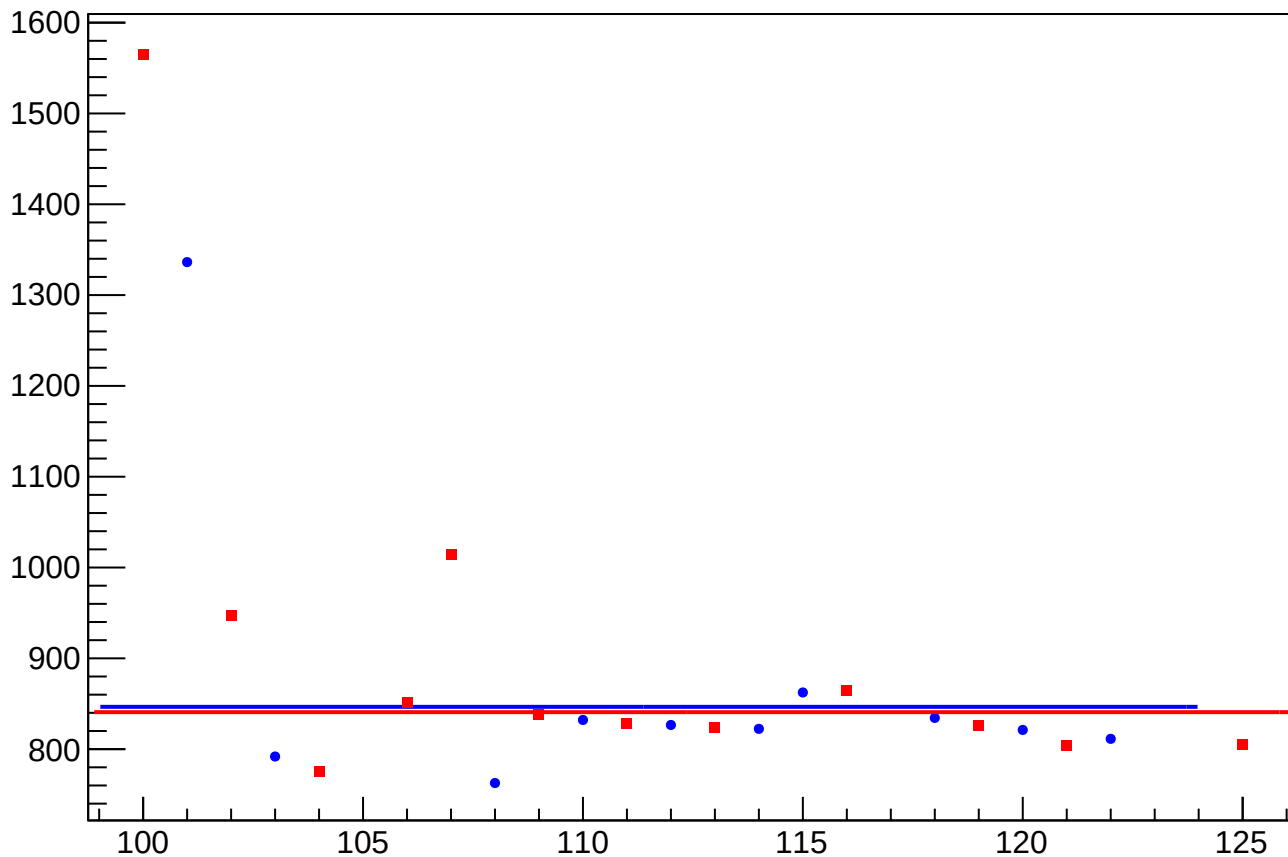
Right: -103.085+/-287.683 χ^2/NDF : 25.2/21

In: 179.357+/-425.656 χ^2/NDF : 8.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -103.085+/-287.683 χ^2/NDF : 25.2/21

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: 840.740+/-0.276 χ^2/NDF : 69638.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

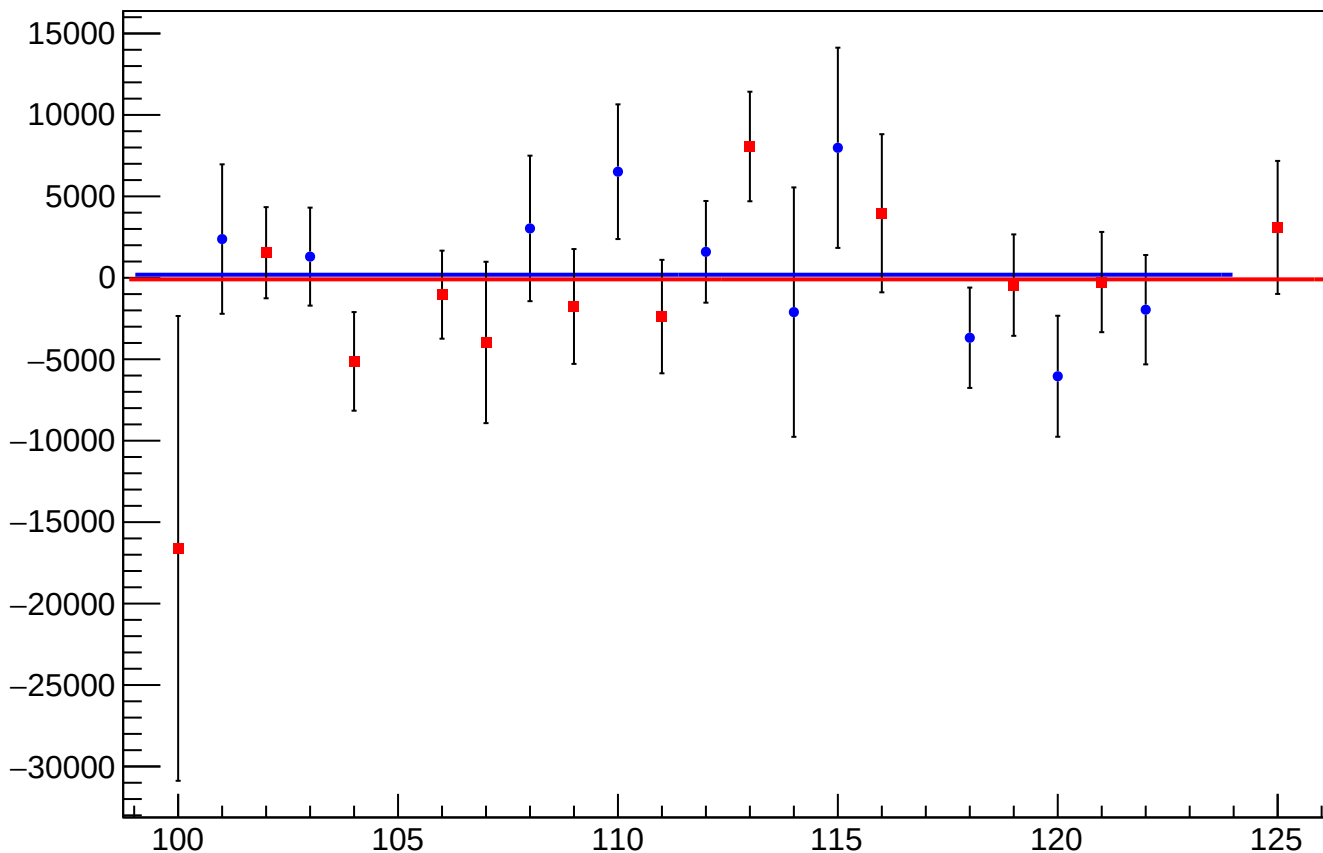
Right: 843.412+/-0.203 χ^2/NDF : 260474.0/21

In: 846.598+/-0.301 χ^2/NDF : 190629.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 843.412+/-0.203 χ^2/NDF : 260474.0/21

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: -94.780+/-1009.159 χ^2/NDF : 13.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

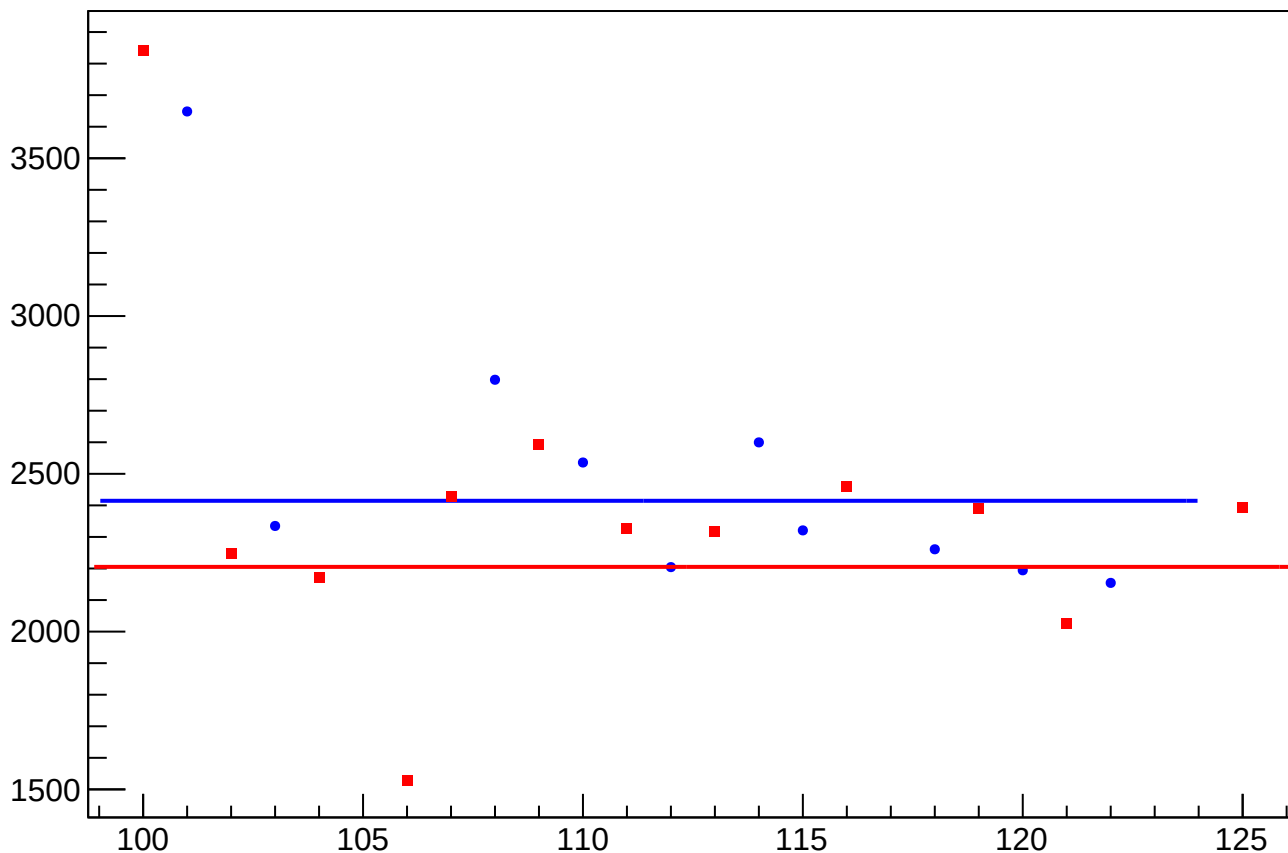
Right: 21.752+/-775.858 χ^2/NDF : 22.9/21

In: 190.194+/-1213.282 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.752+/-775.858 χ^2/NDF : 22.9/21

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: 2205.108+/-0.714 χ^2/NDF : 208878.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

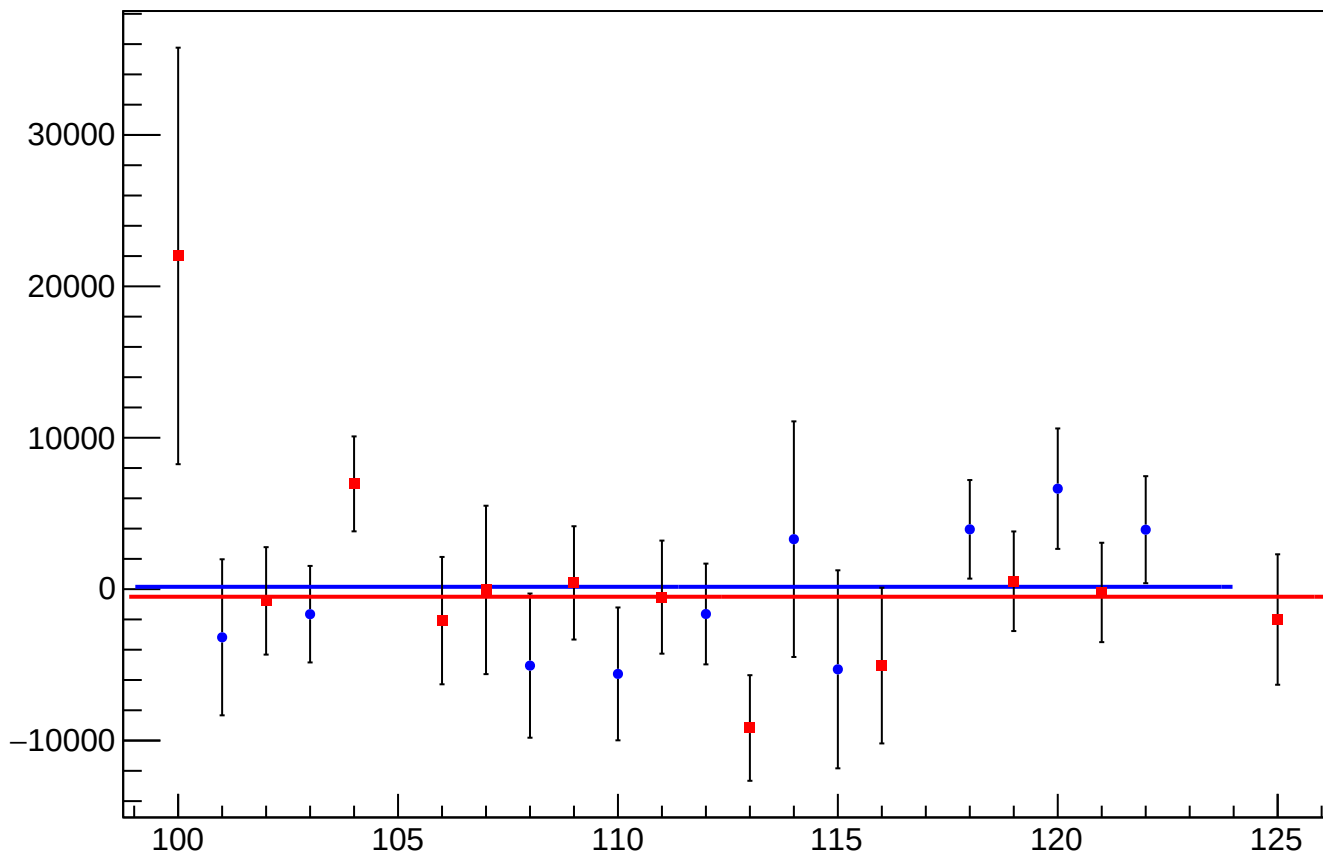
Right: 2290.745+/-0.549 χ^2/NDF : 441318.0/21

In: 2414.529+/-0.858 χ^2/NDF : 197219.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2290.745+/-0.549 χ^2/NDF : 441318.0/21

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: -501.044+/-1134.054 χ^2/NDF : 15.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

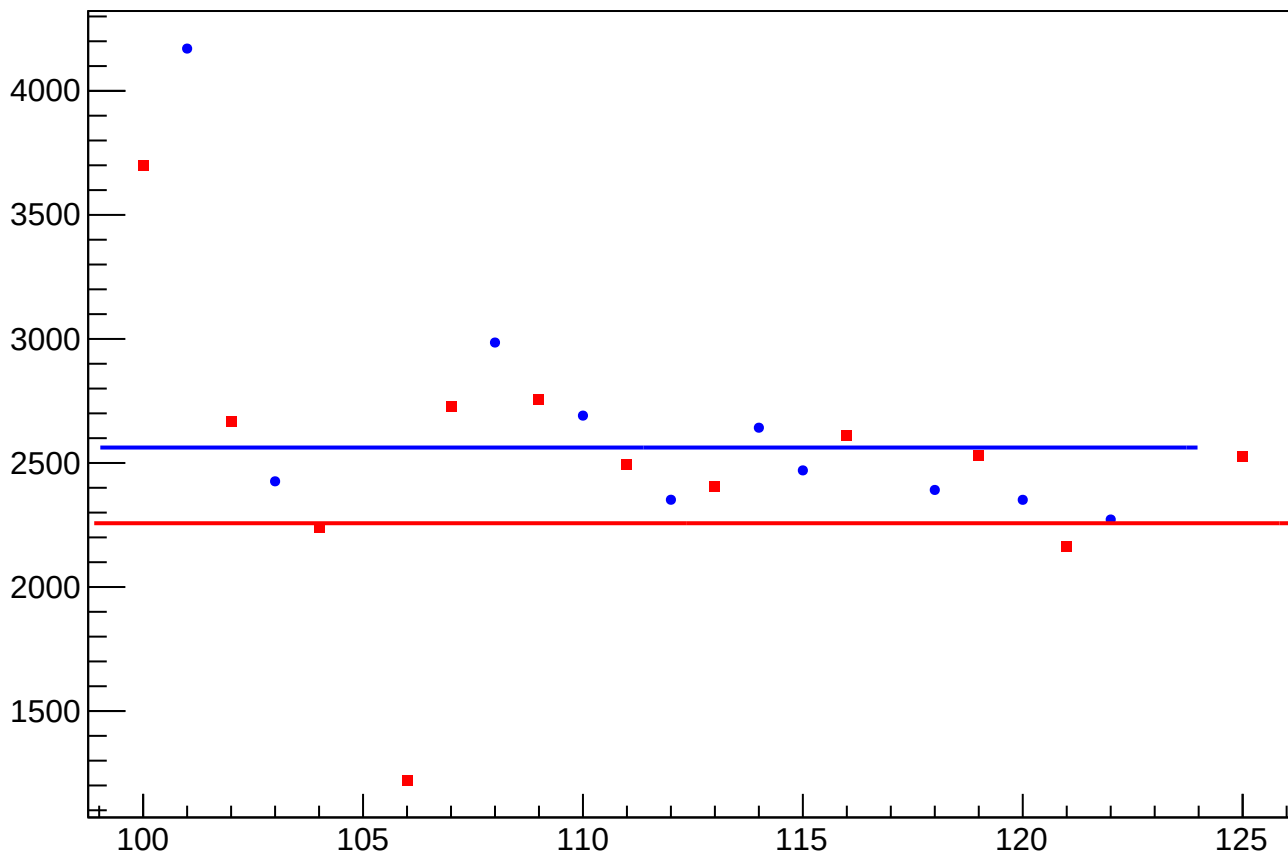
Right: -215.414+/-852.069 χ^2/NDF : 25.8/21

In: 154.861+/-1291.198 χ^2/NDF : 10.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -215.414+/-852.069 χ^2/NDF : 25.8/21

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: 2257.117+/-0.755 χ^2/NDF : 480696.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

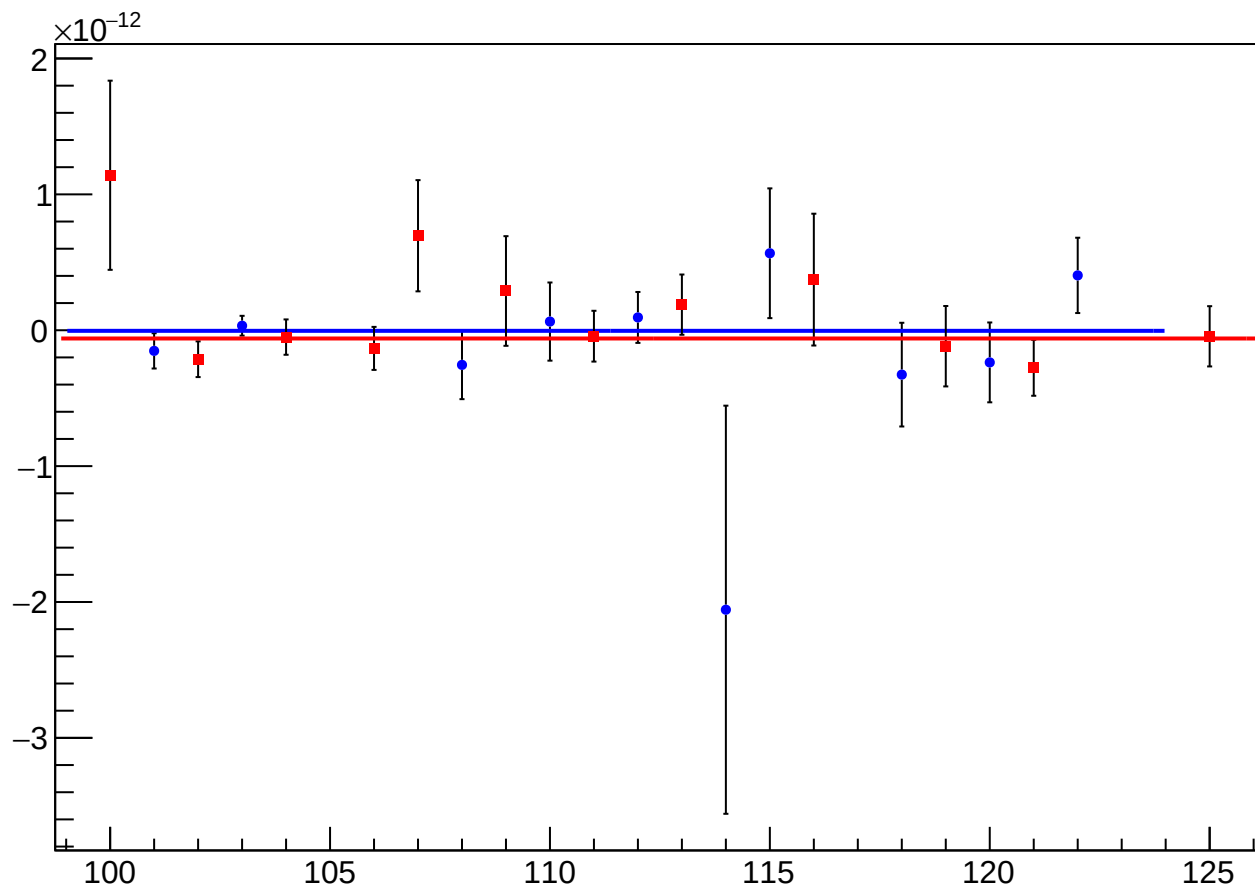
Right: 2380.971+/-0.582 χ^2/NDF : 796196.6/21

In: 2562.269+/-0.913 χ^2/NDF :249132.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2380.971+/-0.582 χ^2/NDF : 796196.6/21

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 : 11.9/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

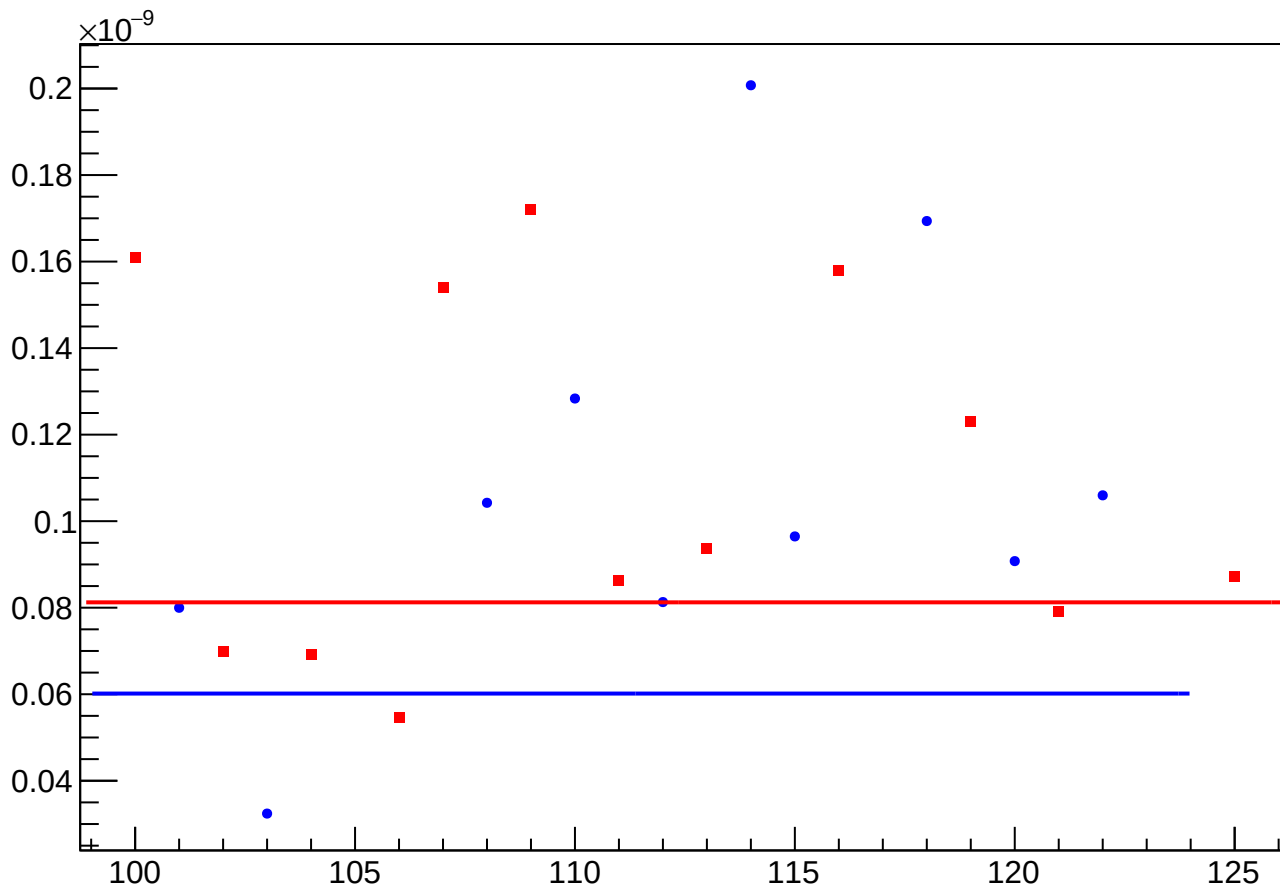
Right: -0.000 ± 0.000 χ^2/NDF : 22.1/21

In: -0.000 ± 0.000 χ^2/NDF : 9.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 22.1/21

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 : 379013.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

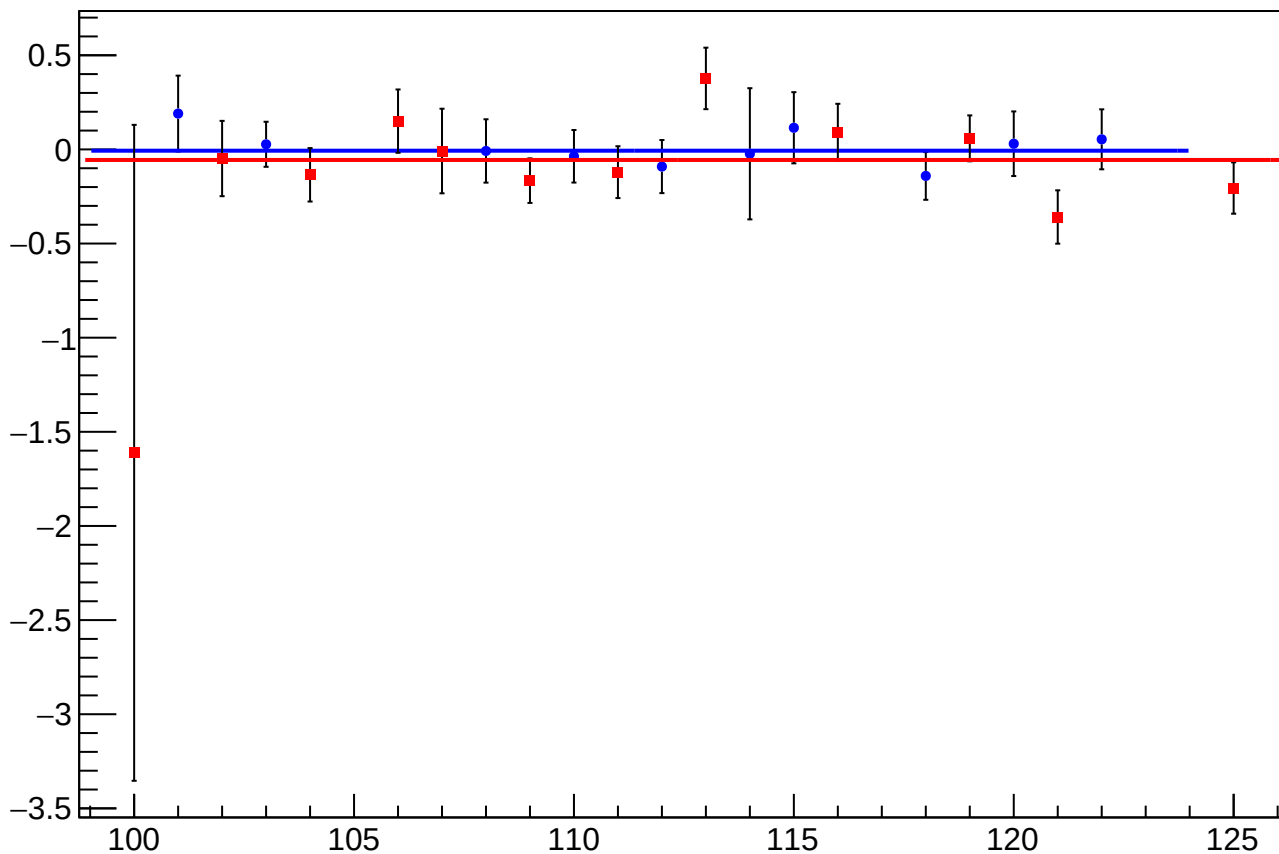
Right: 0.000+/-0.000 χ^2/NDF : 1320052.5/21

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 : 1320052.5/21

asym_usl_atl2_dd_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: -0.056 $\pm$ 0.044 χ^2 /NDF: 18.4/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

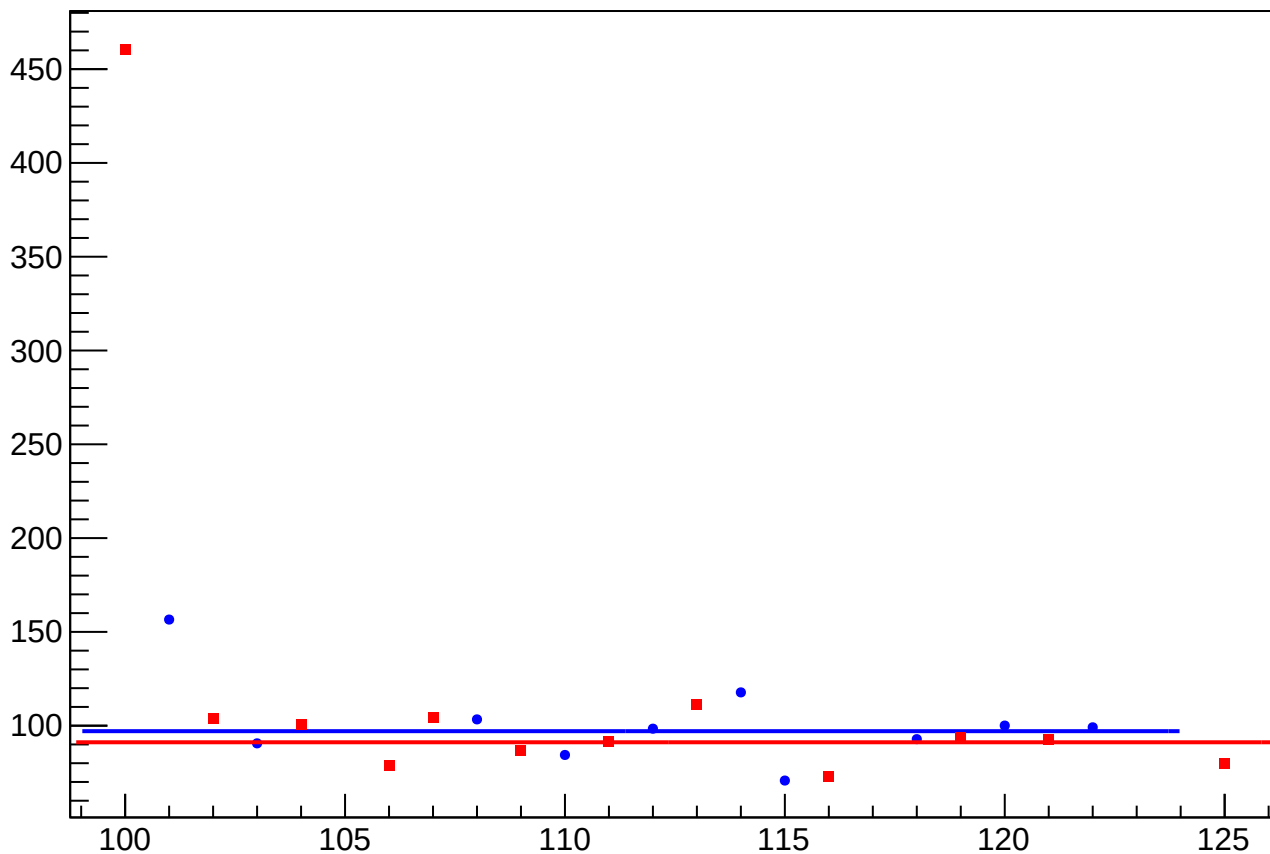
Right: -0.034 $\pm$ 0.033 χ^2 /NDF: 22.1/21

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: -0.034 $\pm$ 0.033 χ^2 /NDF: 22.1/21

asym_usl_atl2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 97.077 $\pm$ 0.035 χ^2 /NDF: 248634.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 91.156 $\pm$ 0.031 χ^2 /NDF: 200665.9/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

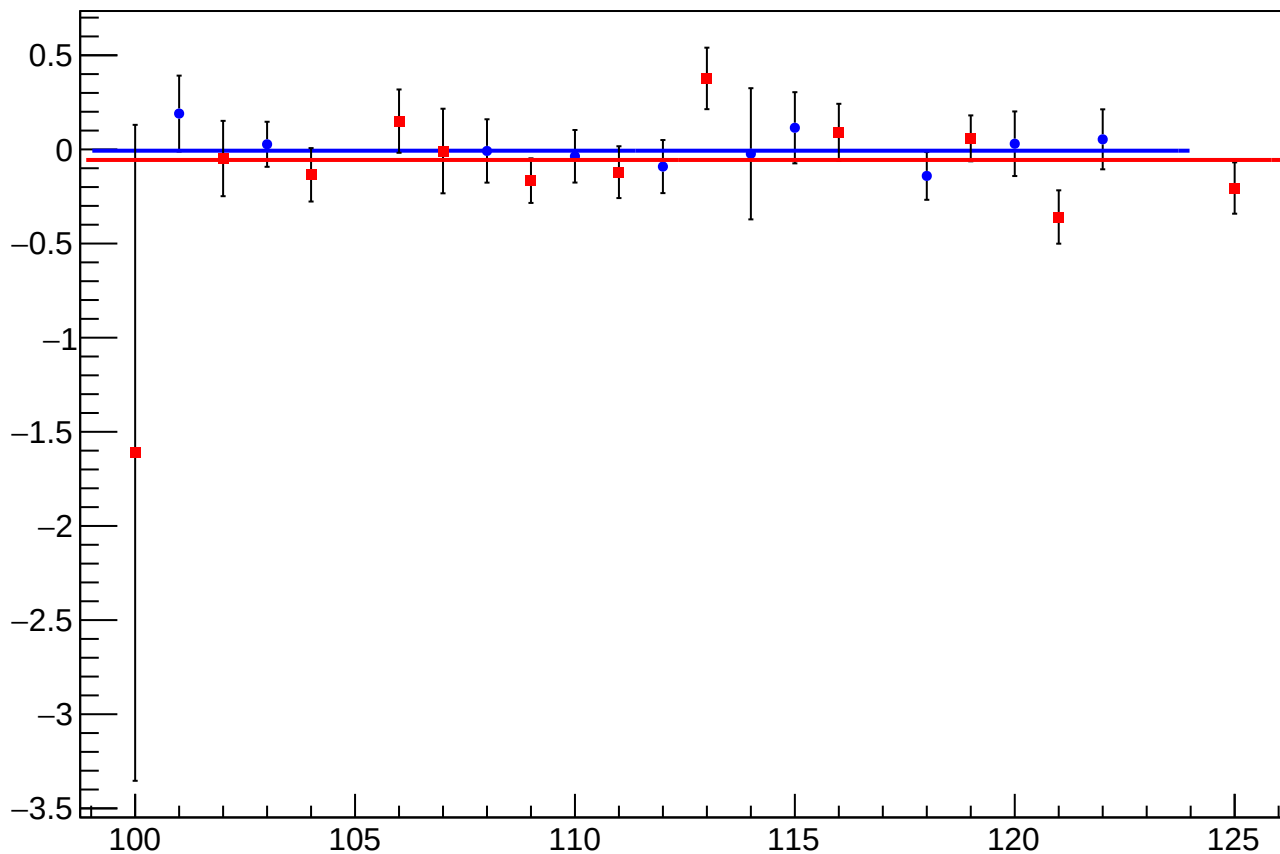
Right: 93.781 $\pm$ 0.023 χ^2 /NDF: 465039.7/21

In: 97.077 $\pm$ 0.035 χ^2 /NDF:248634.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 93.781 $\pm$ 0.023 χ^2 /NDF: 465039.7/21

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: -0.056+/-0.044 χ^2/NDF : 18.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

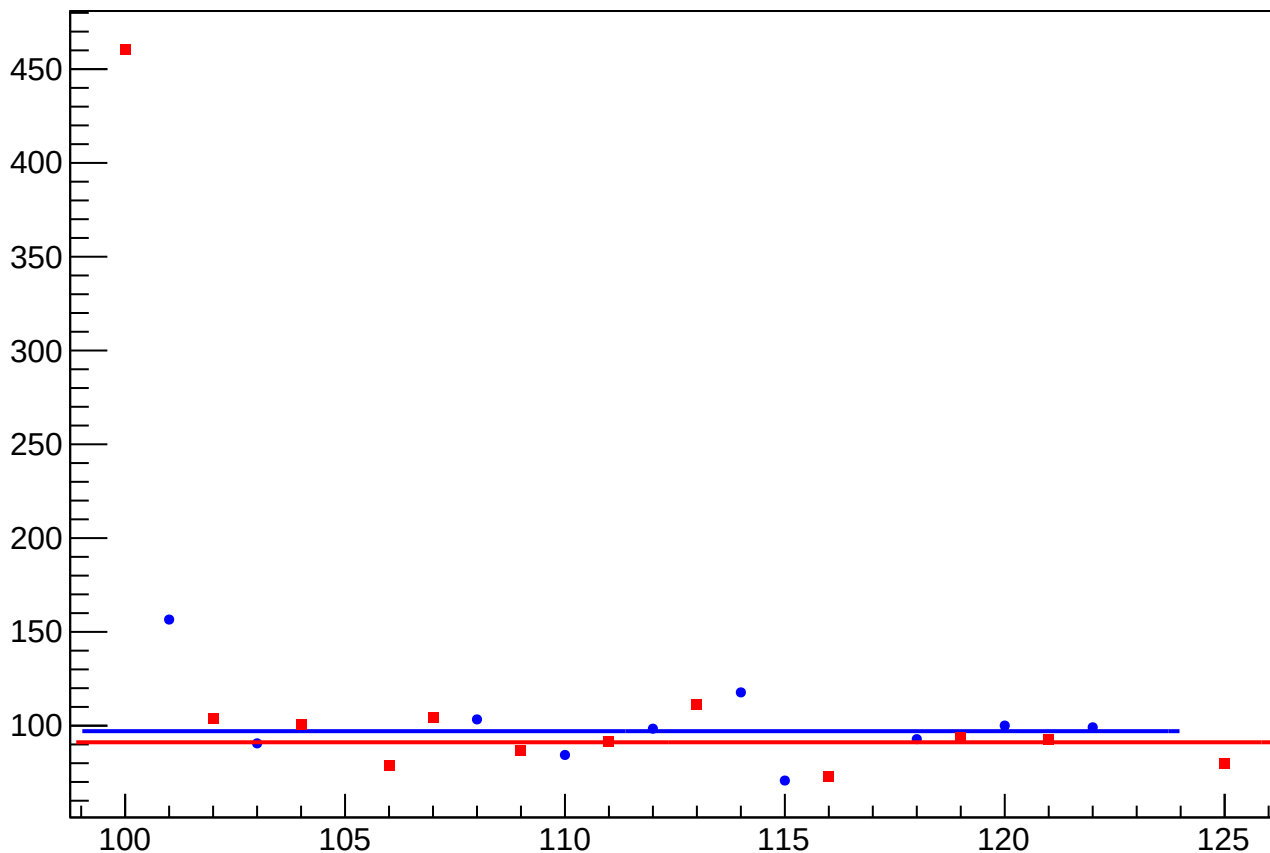
Right: -0.034+/-0.033 χ^2/NDF : 22.1/21

In: -0.007+/-0.050 χ^2/NDF :3.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.034+/-0.033 χ^2/NDF : 22.1/21

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: 91.156+/-0.031 χ^2/NDF : 200665.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

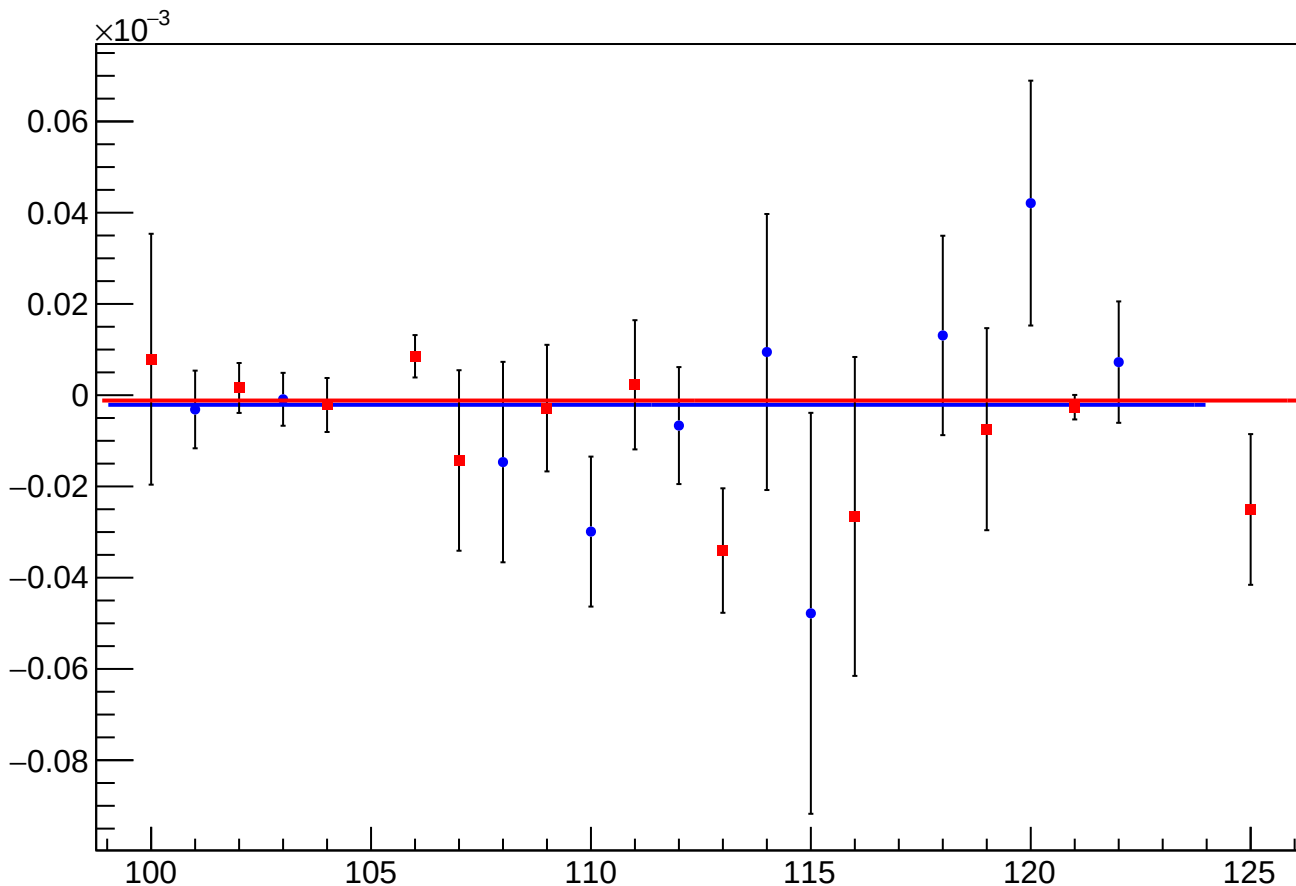
Right: 93.781+/-0.023 χ^2/NDF : 465039.7/21

In: 97.077+/-0.035 χ^2/NDF :248634.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 93.781+/-0.023 χ^2/NDF : 465039.7/21

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 : 14.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

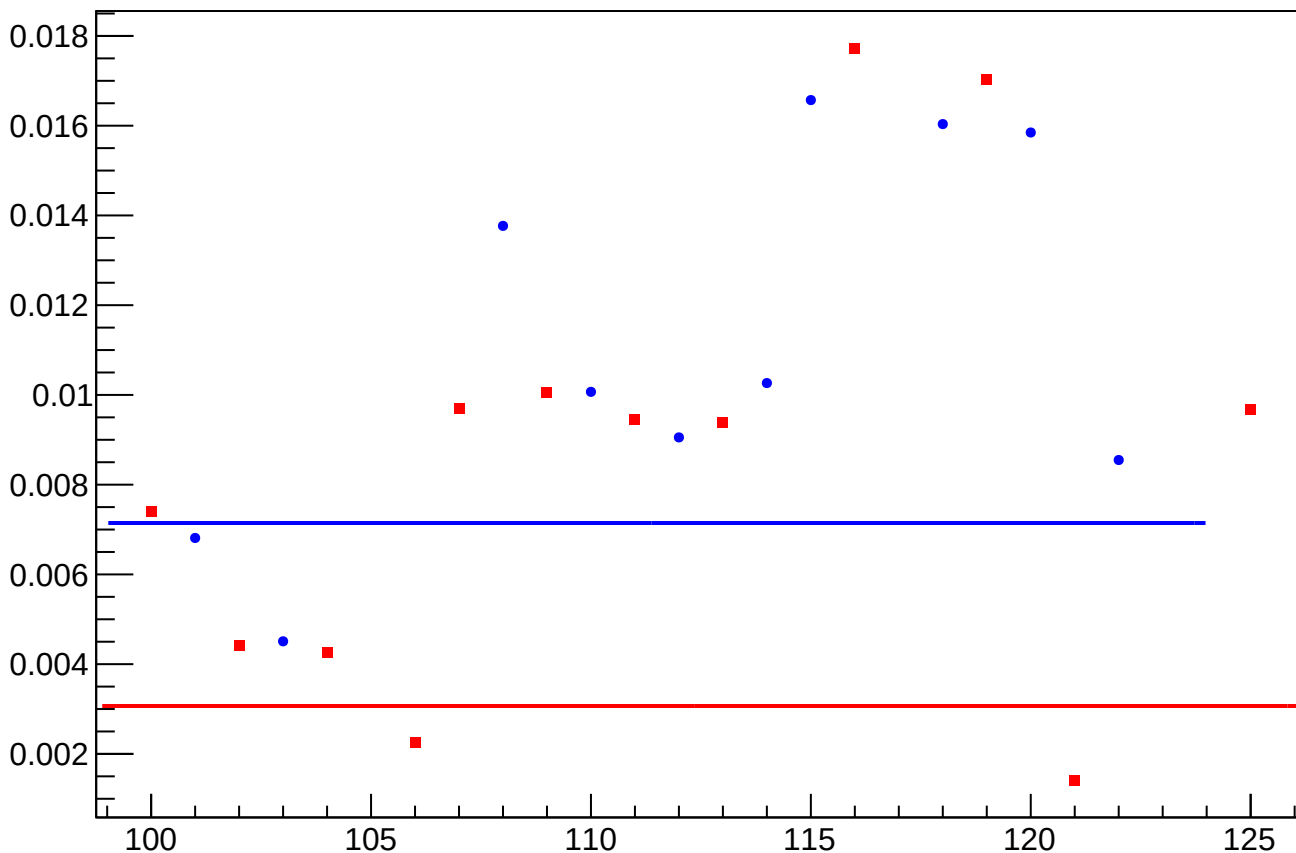
Right: -0.000+/-0.000 χ^2/NDF : 22.4/21

In: -0.000+/-0.000 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.4/21

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 : 4118203.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

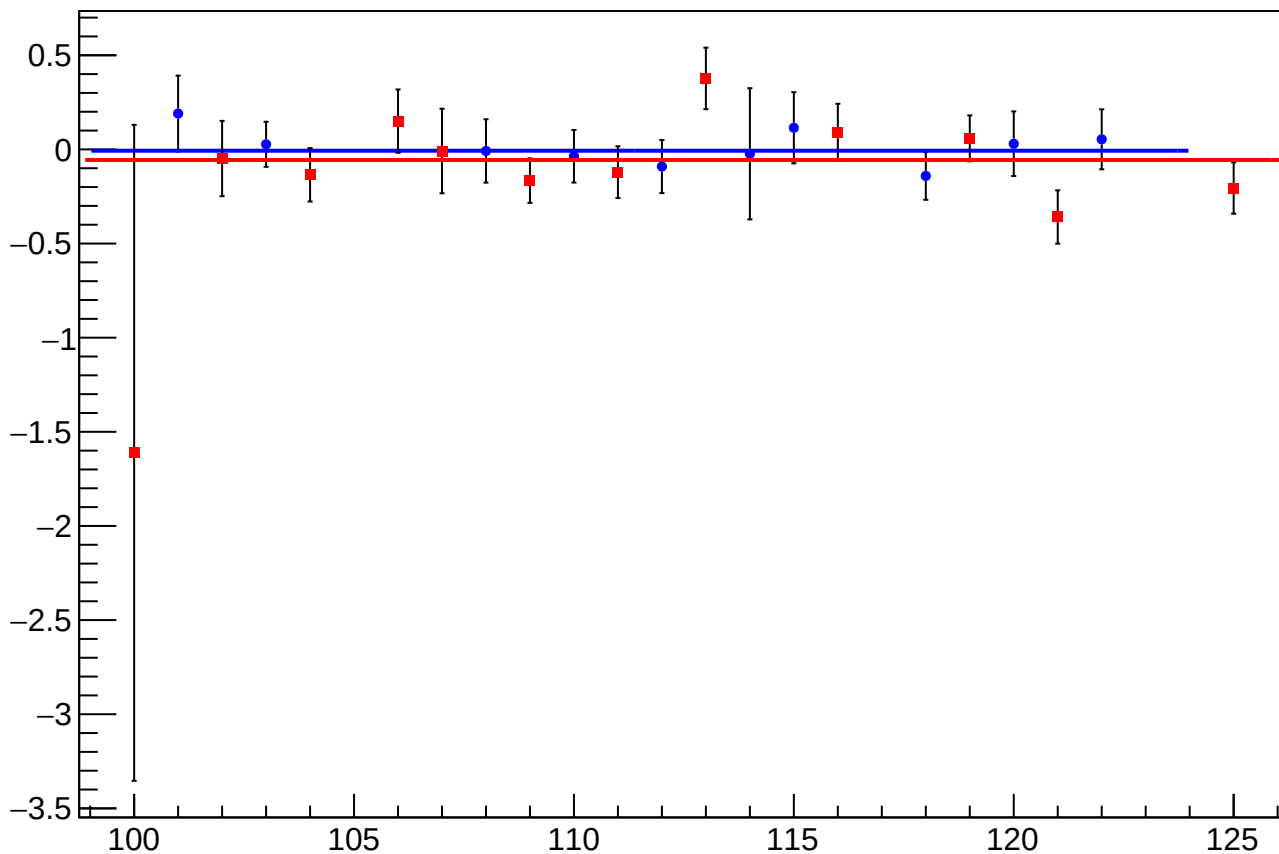
Right: 0.004+/-0.000 χ^2/NDF : 7272527.8/21

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 : 7272527.8/21

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: -0.056 $\pm$ 0.044 χ^2 /NDF: 18.4/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

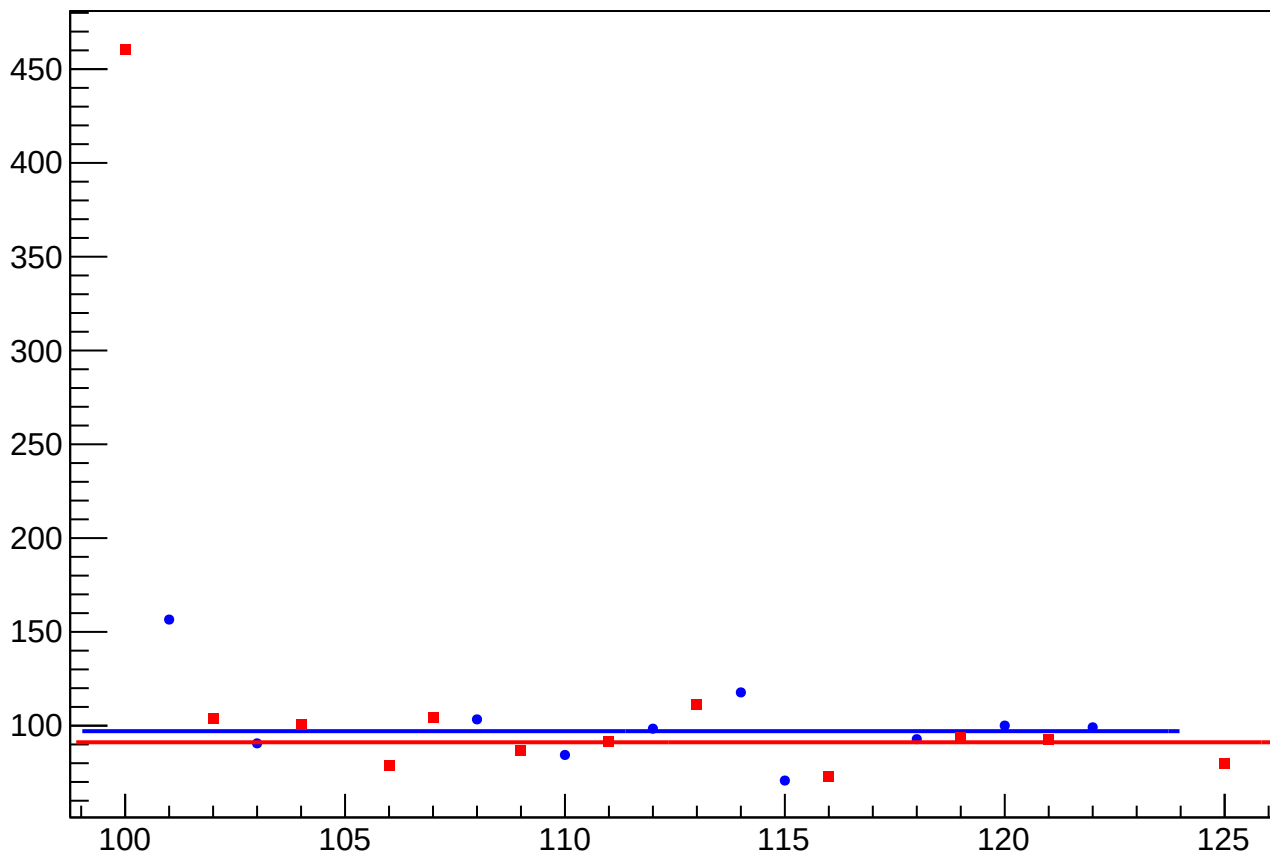
Right: -0.034 $\pm$ 0.033 χ^2 /NDF: 22.1/21

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: -0.034 $\pm$ 0.033 χ^2 /NDF: 22.1/21

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: 91.158+/-0.031 χ^2/NDF : 200624.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

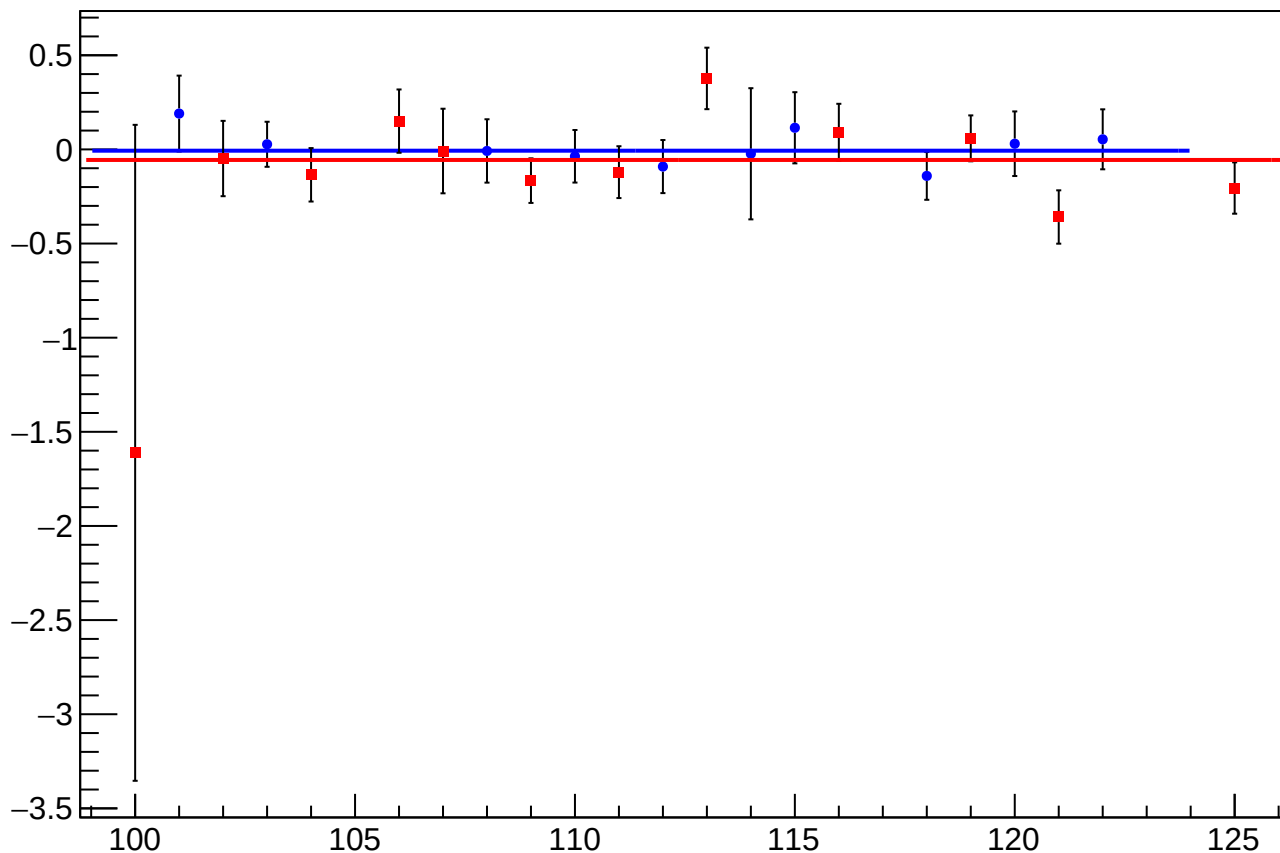
Right: 93.783+/-0.023 χ^2/NDF : 464970.9/21

In: 97.079+/-0.035 χ^2/NDF : 248609.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.783+/-0.023 χ^2/NDF : 464970.9/21

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: -0.056 ± 0.044 χ^2/NDF : 18.4/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

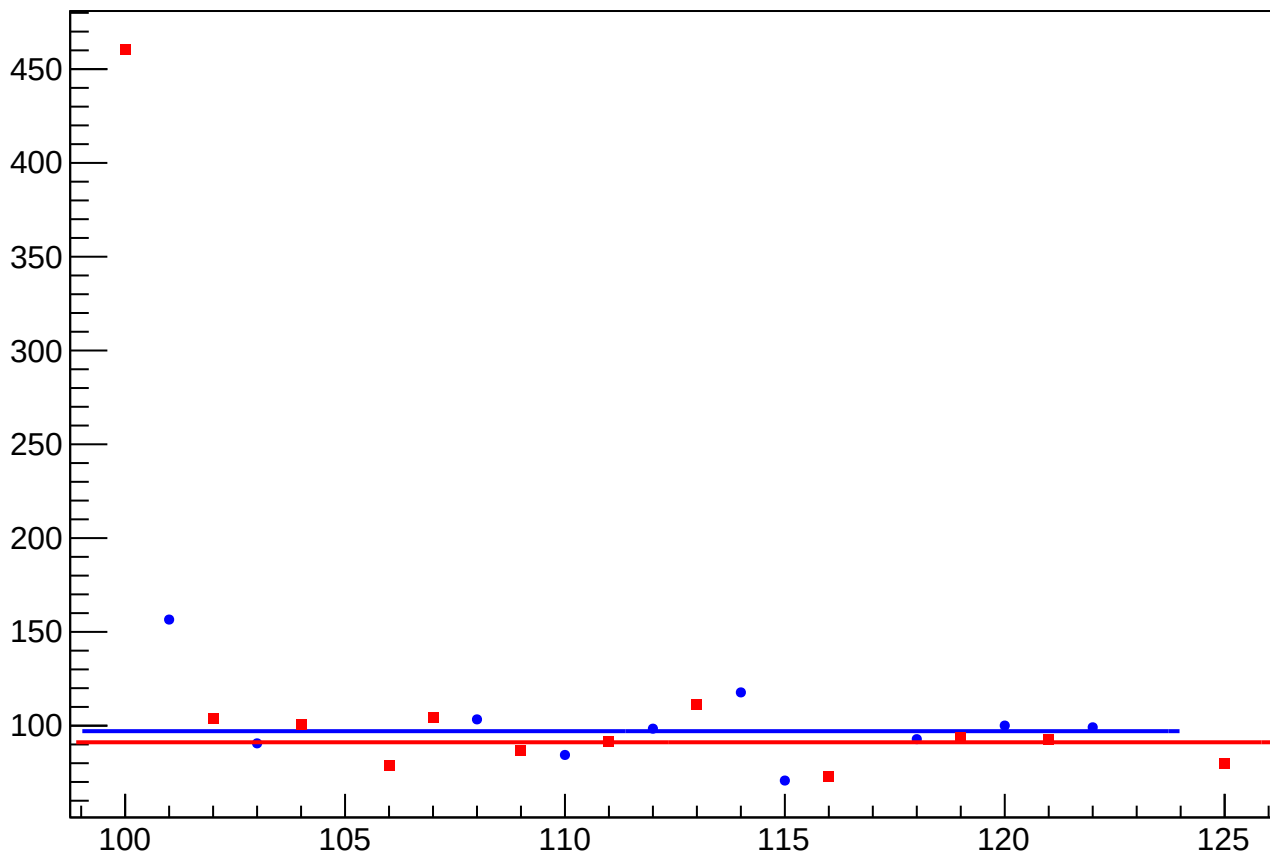
Right: -0.034 ± 0.033 χ^2/NDF : 22.1/21

In: -0.007 ± 0.050 χ^2/NDF : 3.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.034 ± 0.033 χ^2/NDF : 22.1/21

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: 91.158+/-0.031 χ^2/NDF : 200624.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

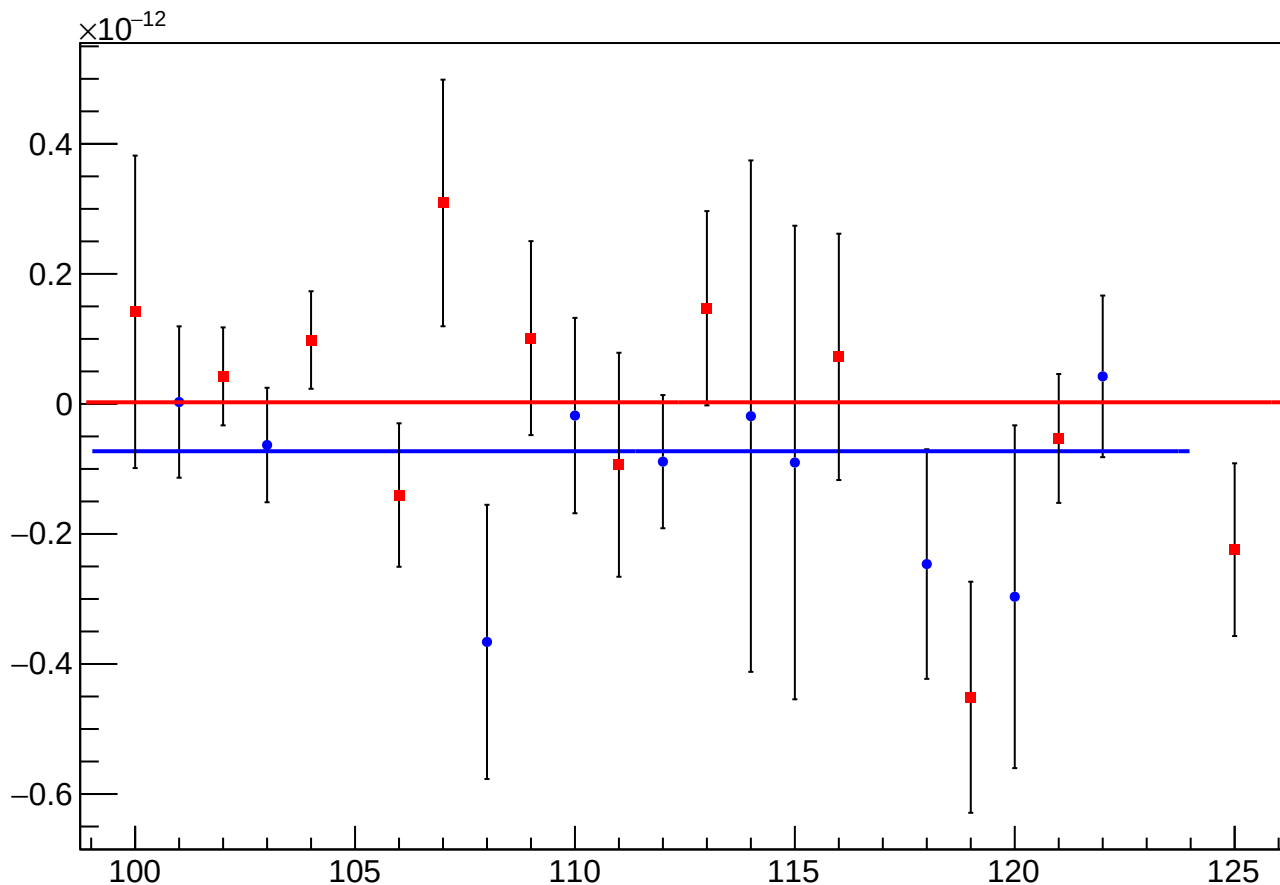
Right: 93.783+/-0.023 χ^2/NDF : 464970.9/21

In: 97.079+/-0.035 χ^2/NDF : 248609.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.783+/-0.023 χ^2/NDF : 464970.9/21

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 : 18.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

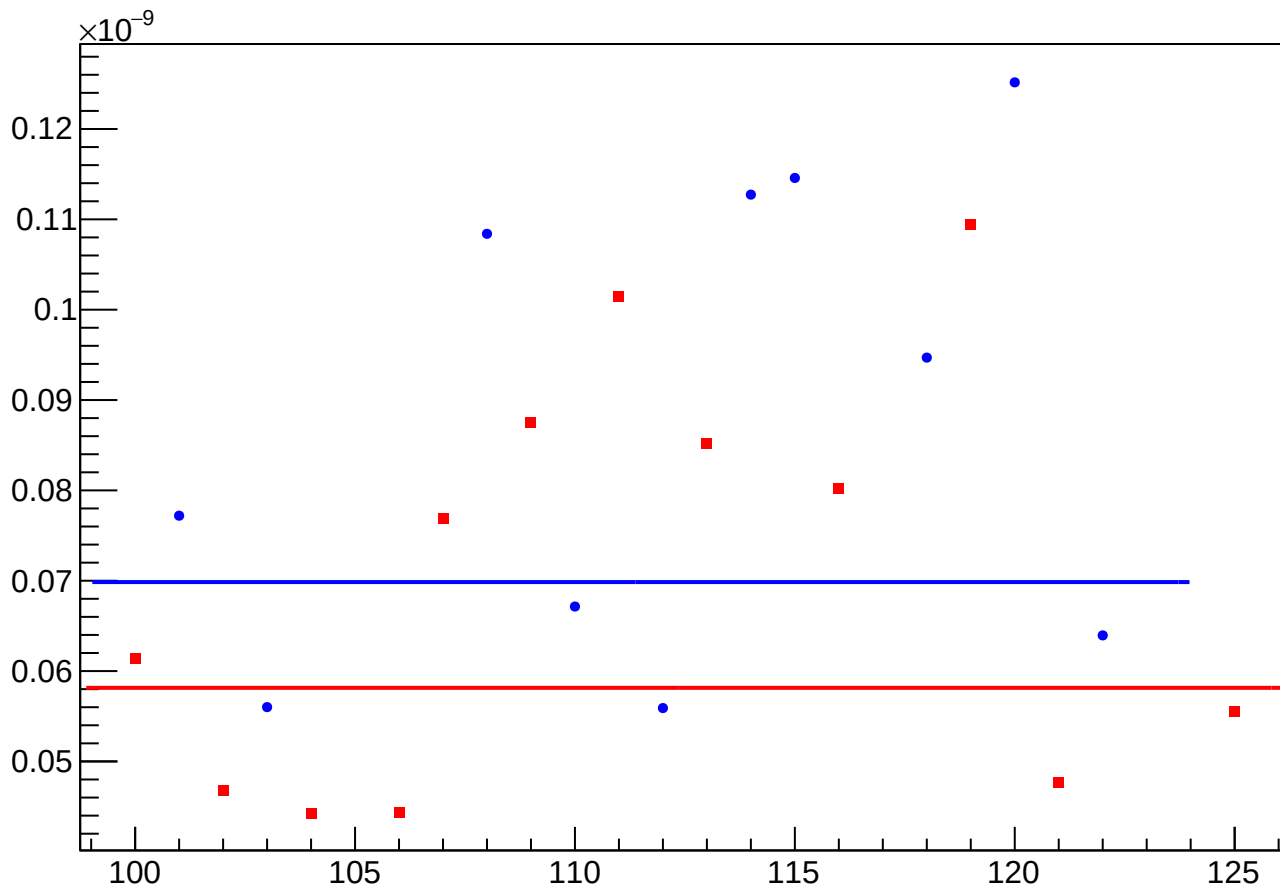
Right: -0.000+/-0.000 χ^2/NDF : 24.9/21

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 : 24.9/21

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 : 651310.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

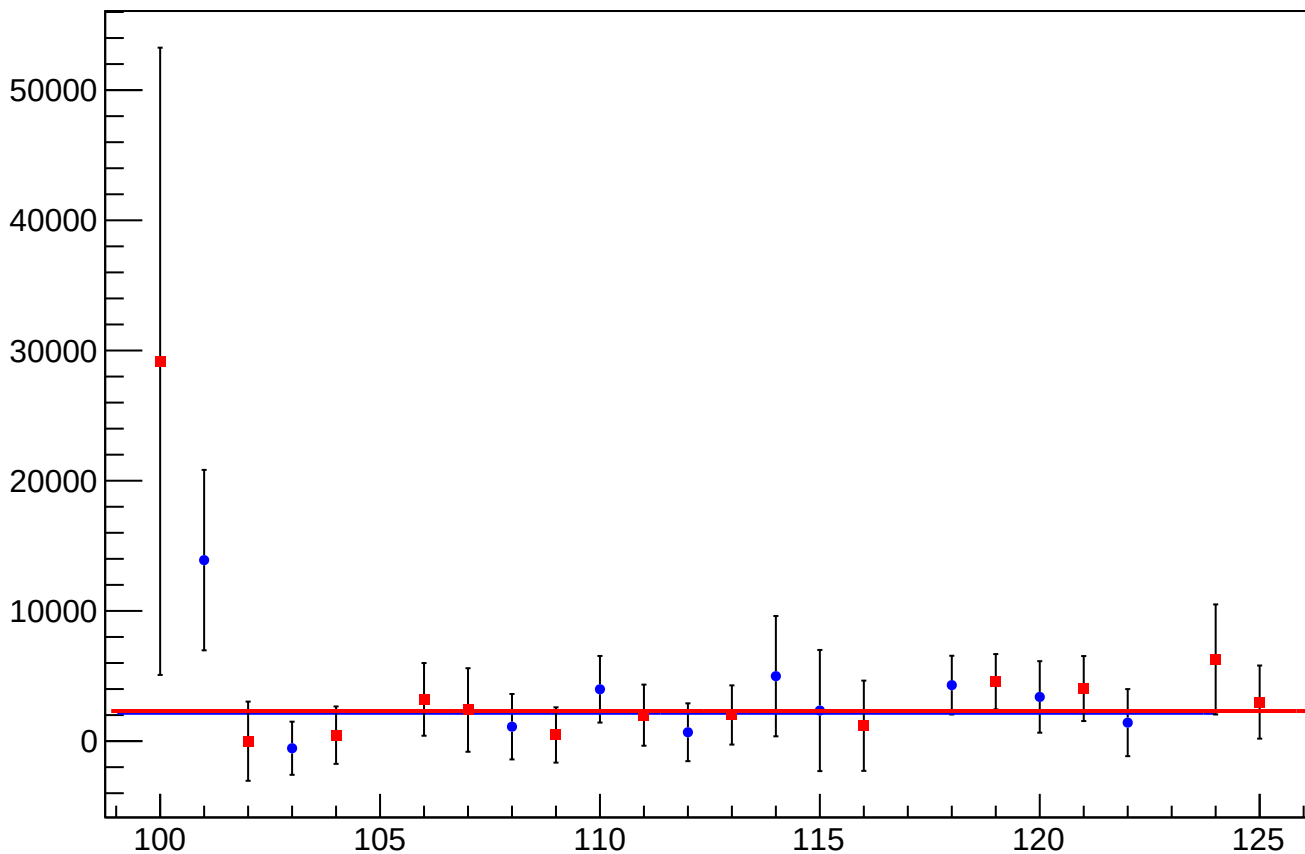
Right: 0.000+/-0.000 χ^2/NDF : 1083472.7/21

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 : 1083472.7/21

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: 2313.133+/-748.398 χ^2/NDF : 6.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

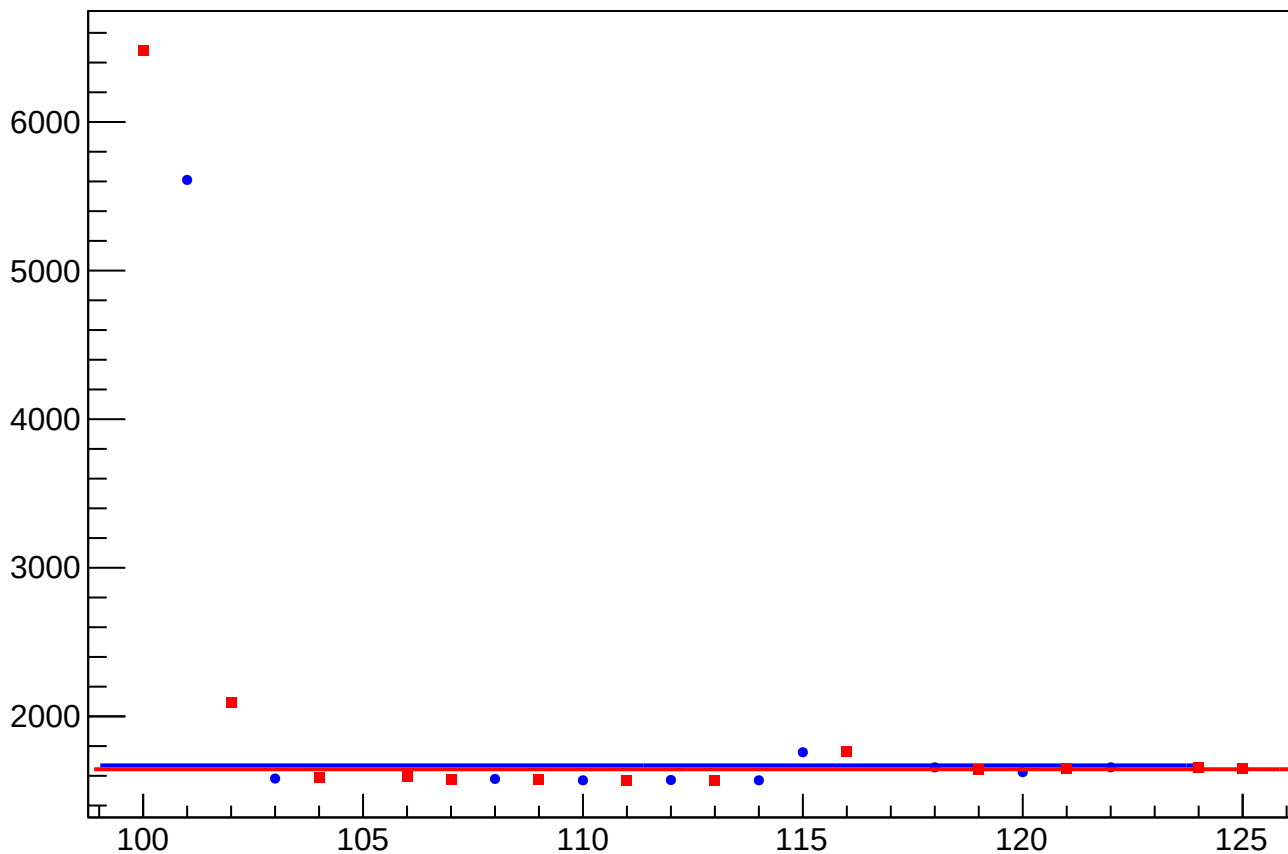
Right: 2254.112+/-564.918 χ^2/NDF : 13.4/22

In: 2175.946+/-861.270 χ^2/NDF : 7.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2254.112+/-564.918 χ^2/NDF : 13.4/22

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: 1644.119+/-0.529 χ^2/NDF : 136383.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

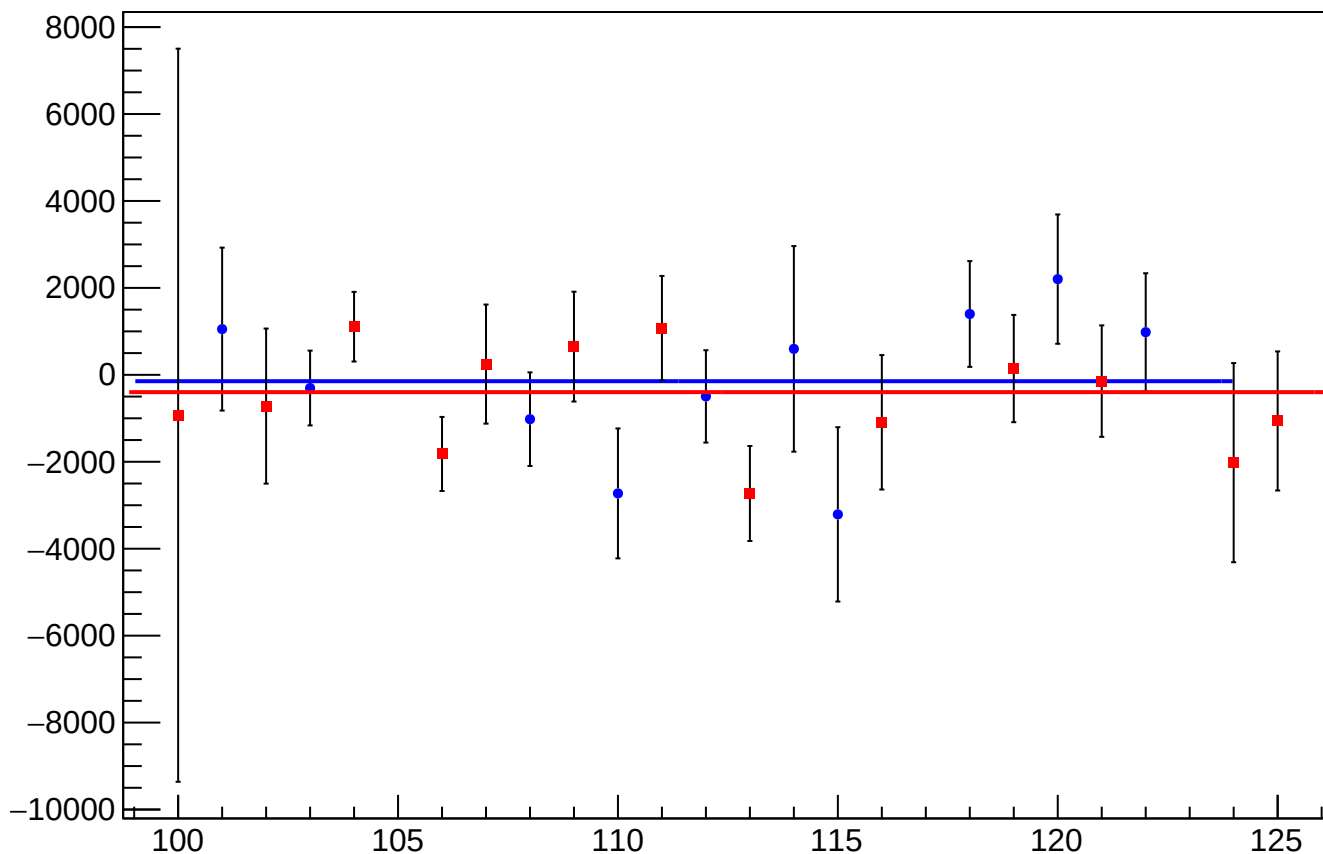
Right: 1655.252+/-0.399 χ^2/NDF : 799912.2/22

In: 1669.995+/-0.609 χ^2/NDF : 662500.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1655.252+/-0.399 χ^2/NDF : 799912.2/22

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: -398.196+/-348.760 χ^2/NDF : 14.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

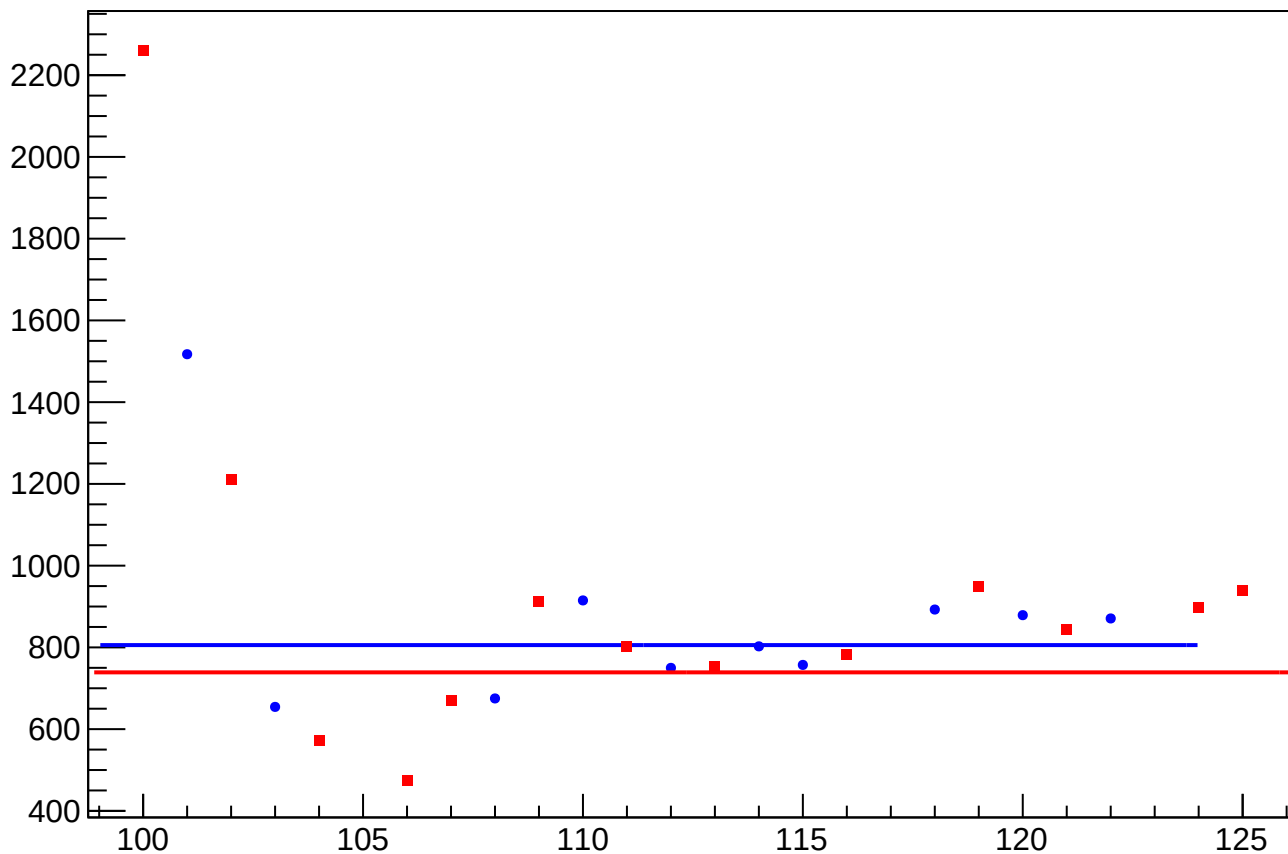
Right: -292.648+/-265.826 χ^2/NDF : 26.1/22

In: -146.319+/-410.644 χ^2/NDF :11.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -292.648+/-265.826 χ^2/NDF : 26.1/22

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: 738.915+/-0.247 χ^2/NDF : 647088.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

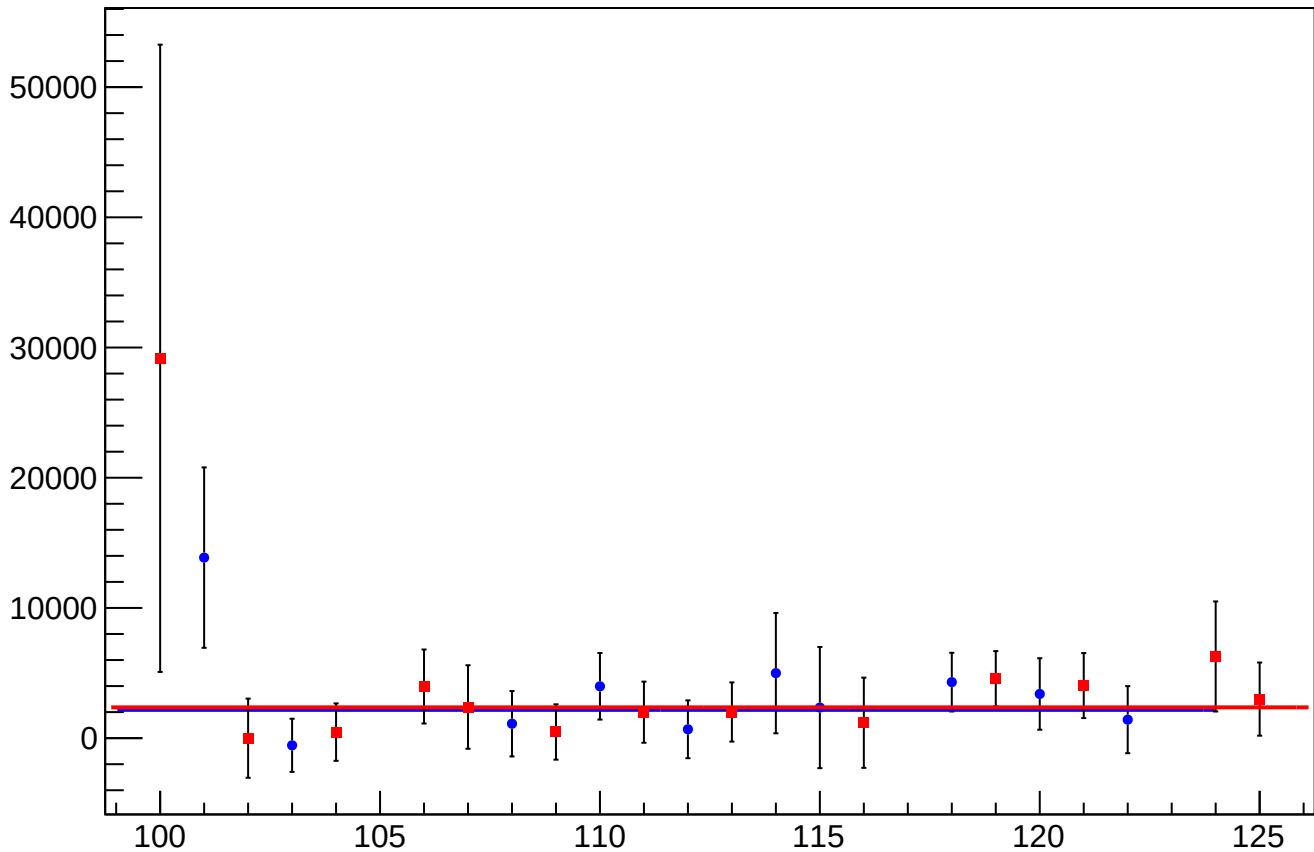
Right: 766.877+/-0.188 χ^2/NDF : 1094295.0/22

In: 805.643+/-0.290 χ^2/NDF : 416527.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 766.877+/-0.188 χ^2/NDF : 1094295.0/22

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: 2364.598+/-749.326 χ^2/NDF : 6.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

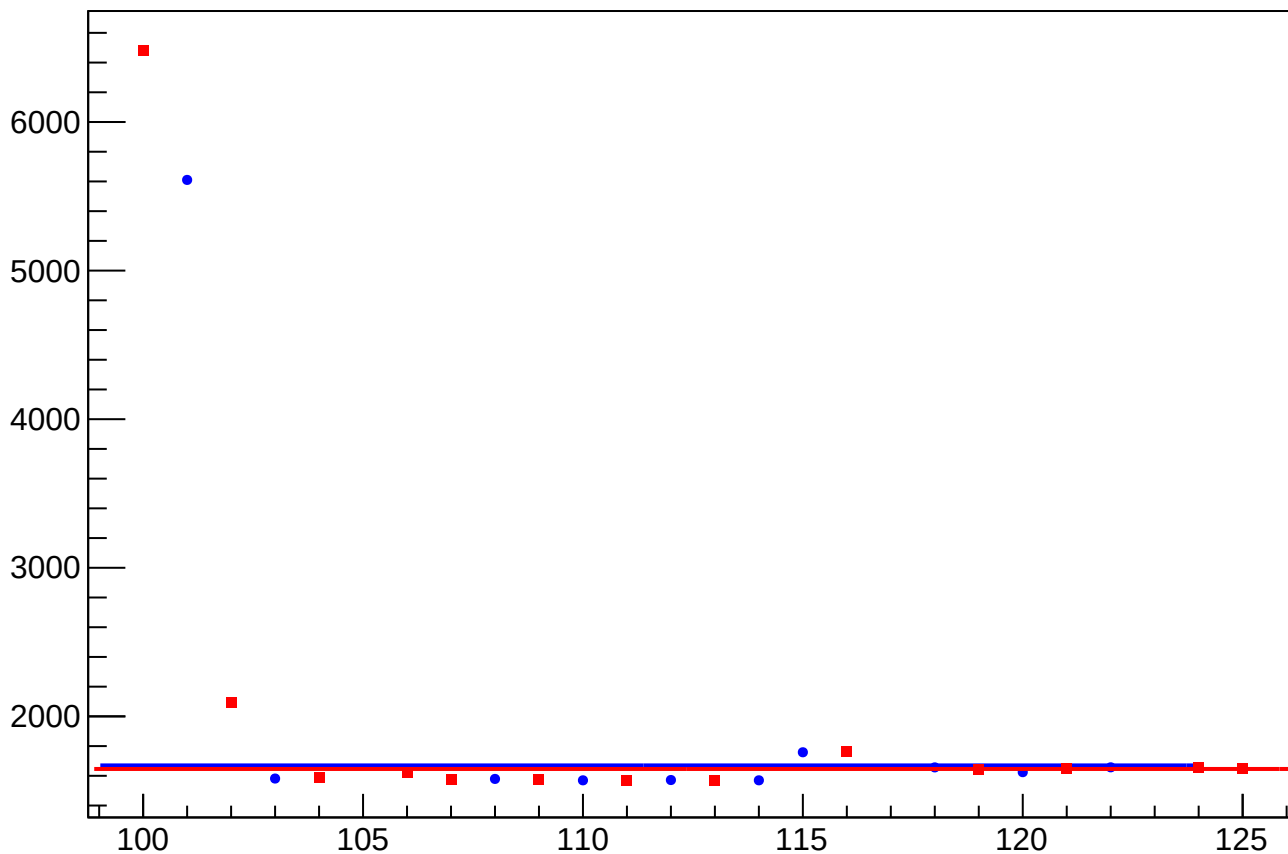
Right: 2282.935+/-565.317 χ^2/NDF : 13.6/22

In: 2175.048+/-861.270 χ^2/NDF : 7.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2282.935+/-565.317 χ^2/NDF : 13.6/22

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: 1646.089+/-0.530 χ^2/NDF : 135854.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

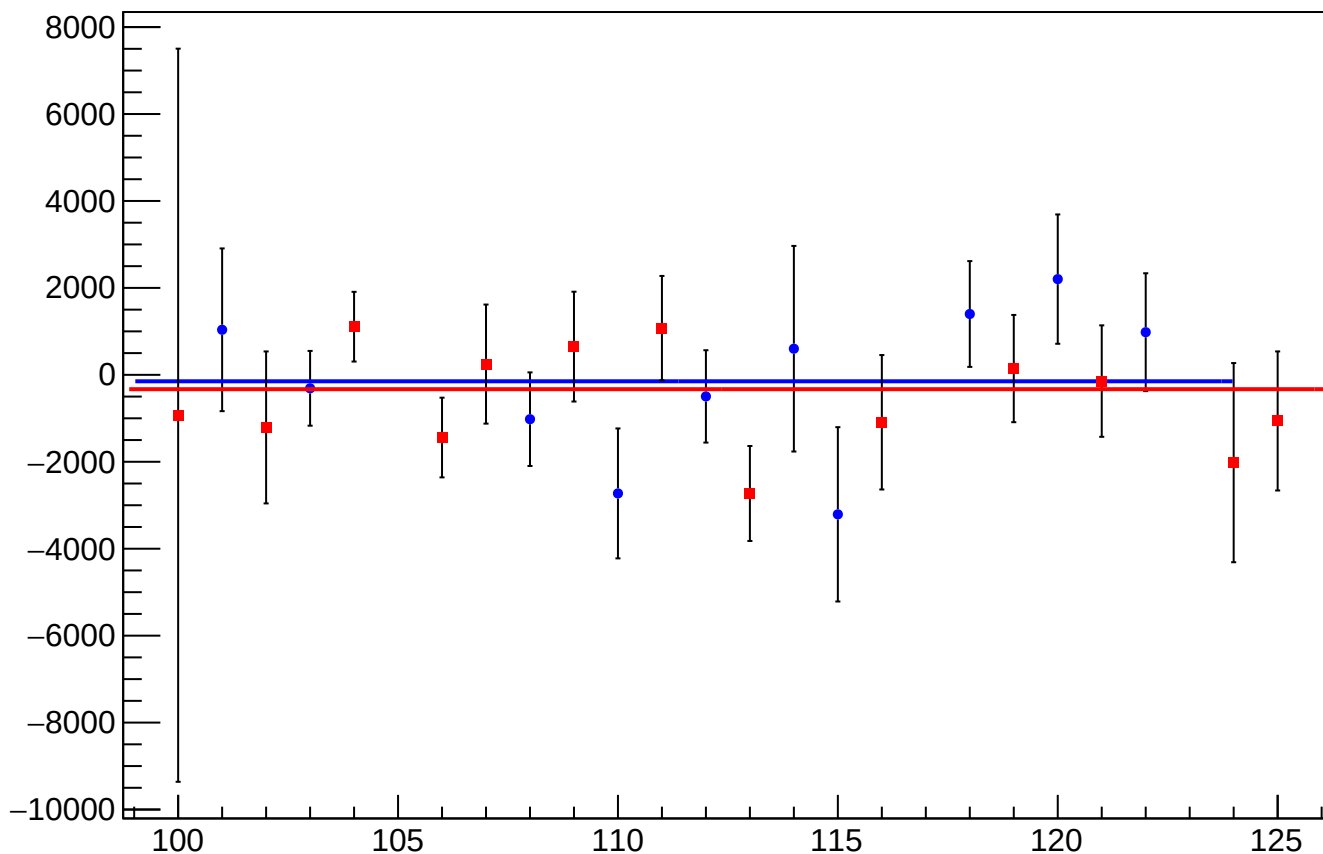
Right: 1656.388+/-0.400 χ^2/NDF : 799231.1/22

In: 1669.995+/-0.609 χ^2/NDF : 662500.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1656.388+/-0.400 χ^2/NDF : 799231.1/22

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: -329.882+/-352.609 χ^2/NDF : 13.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

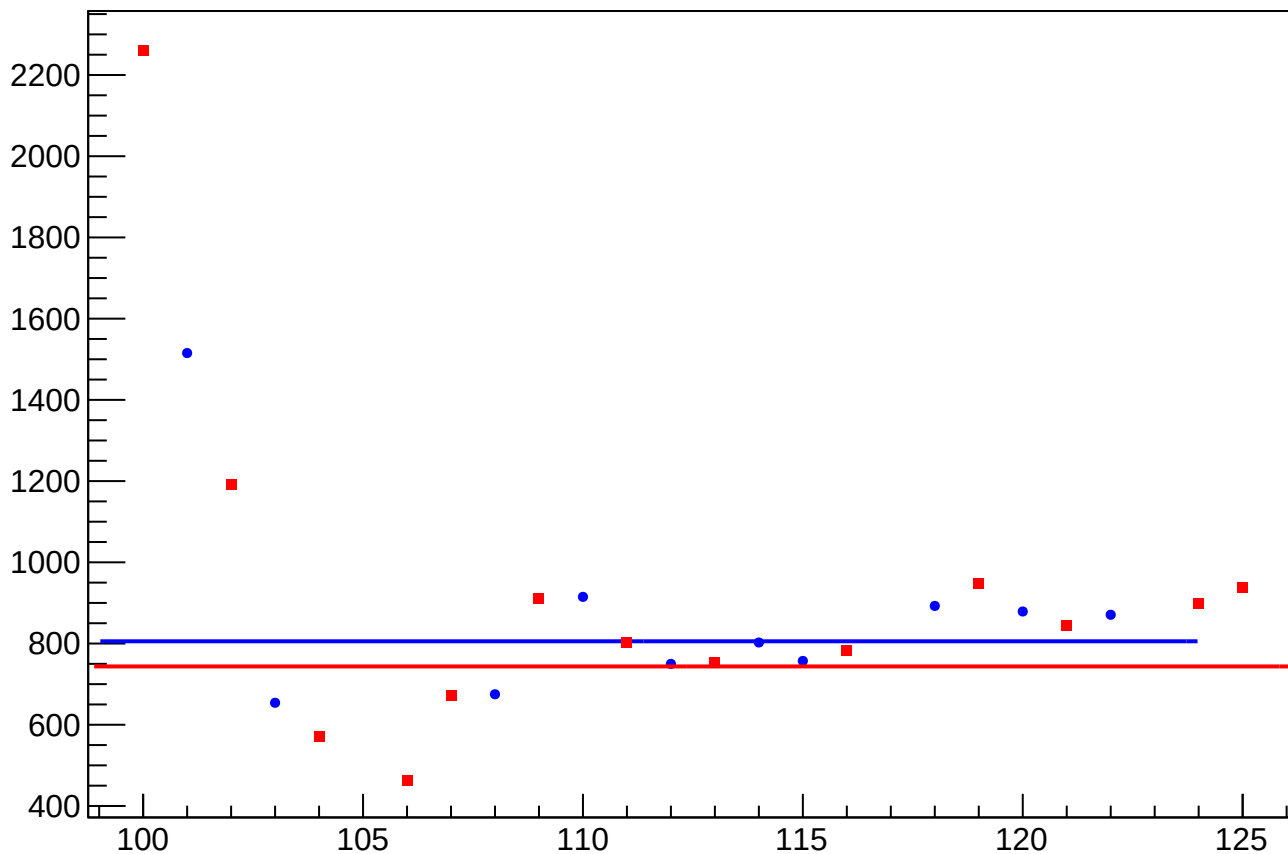
Right: -252.806+/-267.497 χ^2/NDF : 24.6/22

In: -148.311+/-410.567 χ^2/NDF : 11.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -252.806+/-267.497 χ^2/NDF : 24.6/22

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: 743.597+/-0.249 χ^2/NDF : 628659.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

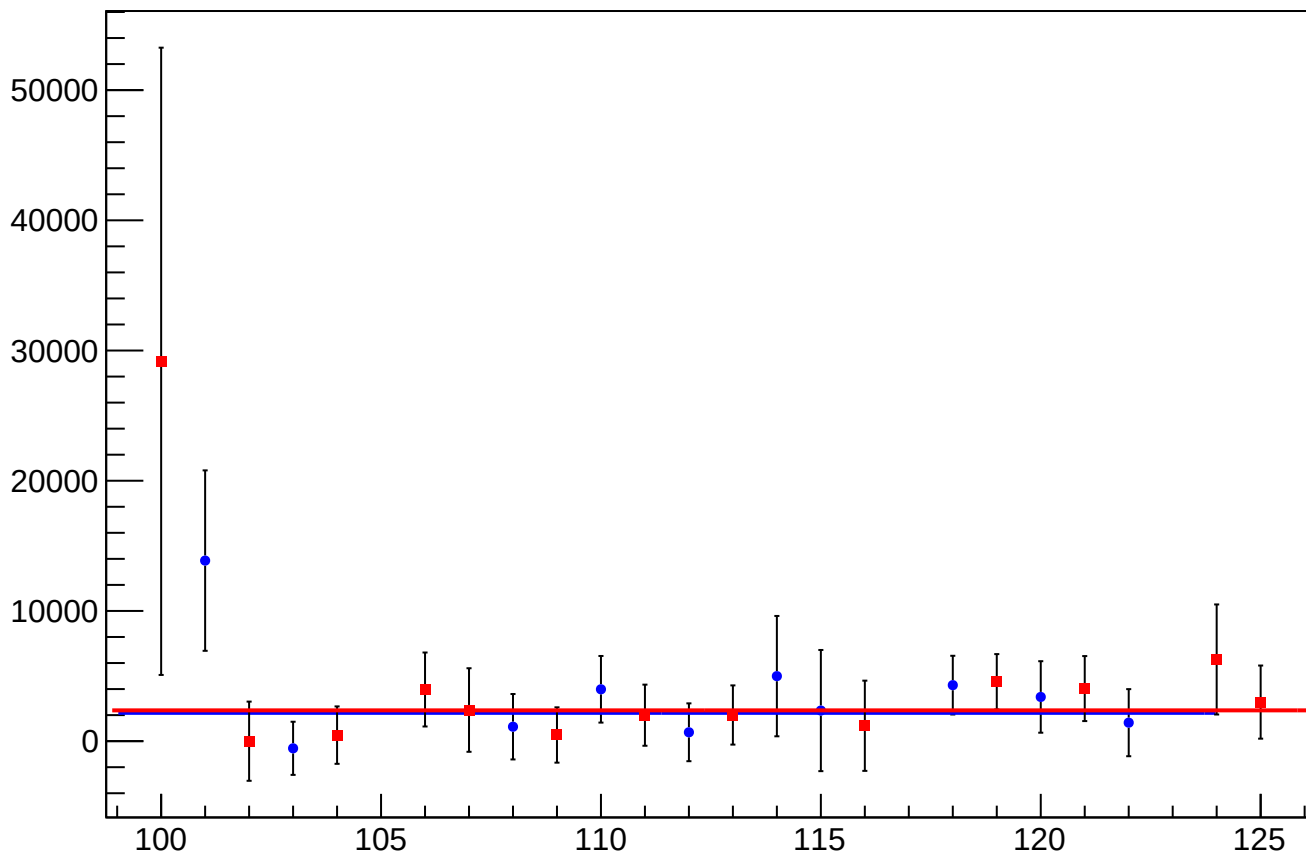
Right: 769.888+/-0.189 χ^2/NDF : 1070877.5/22

In: 805.533+/-0.290 χ^2/NDF : 416025.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 769.888+/-0.189 χ^2/NDF : 1070877.5/22

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: 2364.598+/-749.326 χ^2/NDF : 6.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

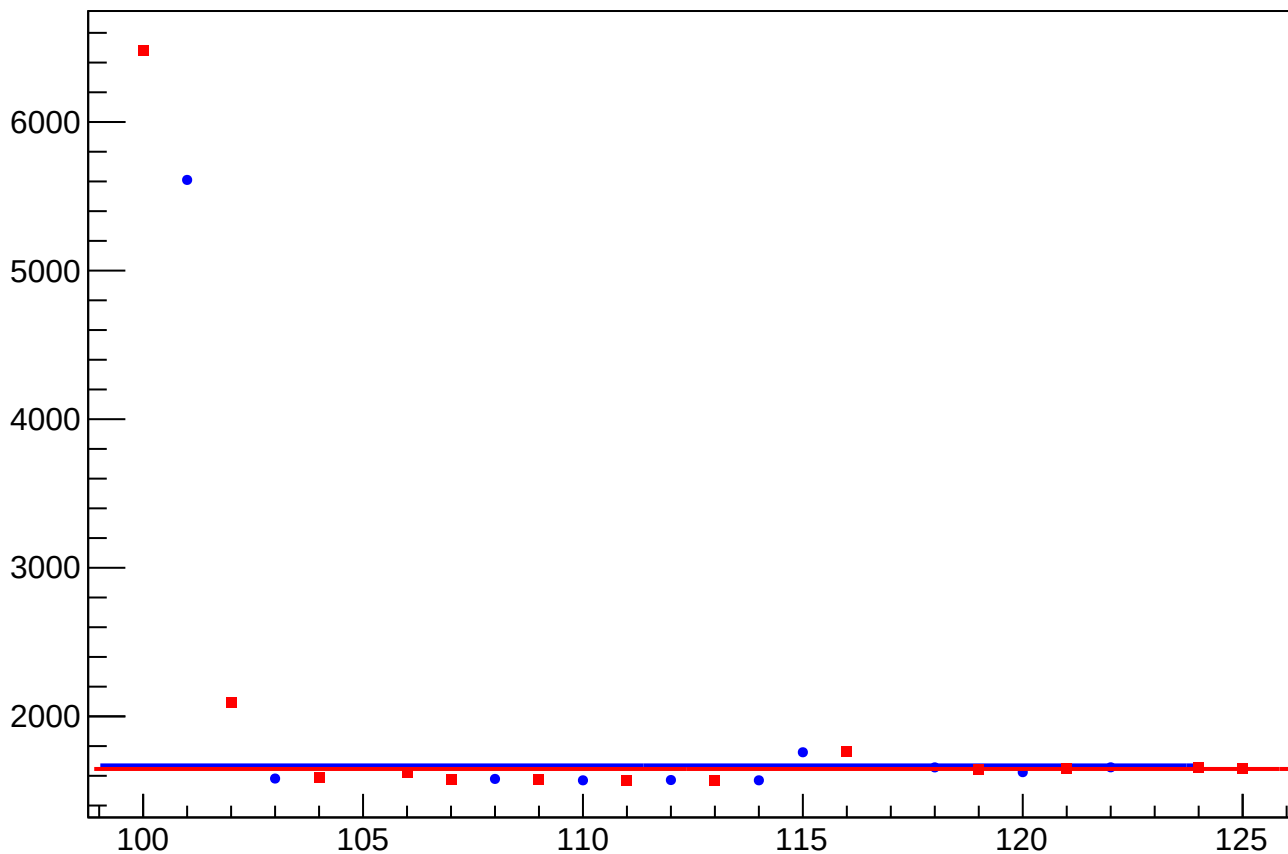
Right: 2282.935+/-565.317 χ^2/NDF : 13.6/22

In: 2175.048+/-861.270 χ^2/NDF : 7.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2282.935+/-565.317 χ^2/NDF : 13.6/22

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: 1646.089+/-0.530 χ^2/NDF : 135854.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

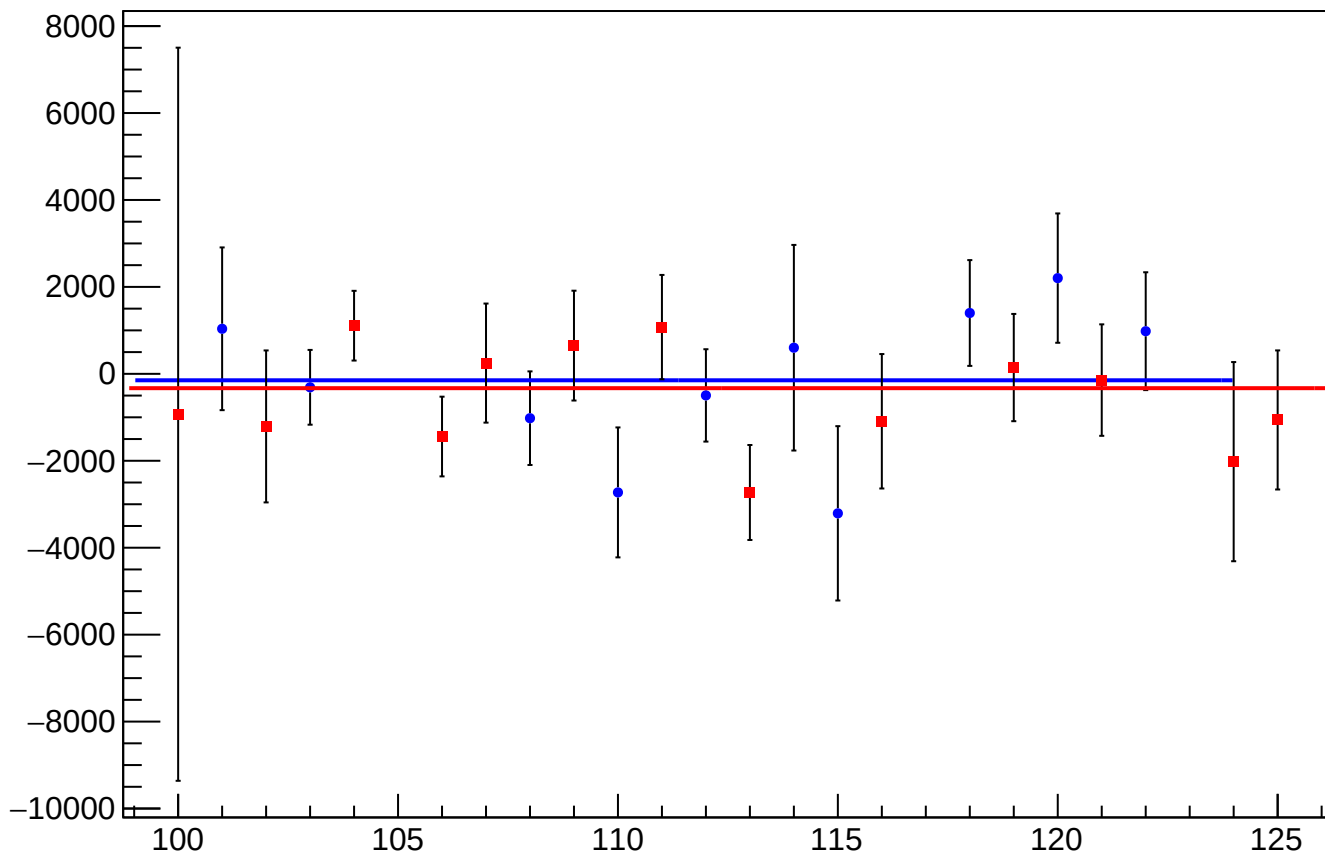
Right: 1656.388+/-0.400 χ^2/NDF : 799231.1/22

In: 1669.995+/-0.609 χ^2/NDF : 662500.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1656.388+/-0.400 χ^2/NDF : 799231.1/22

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: -329.882+/-352.609 χ^2/NDF : 13.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

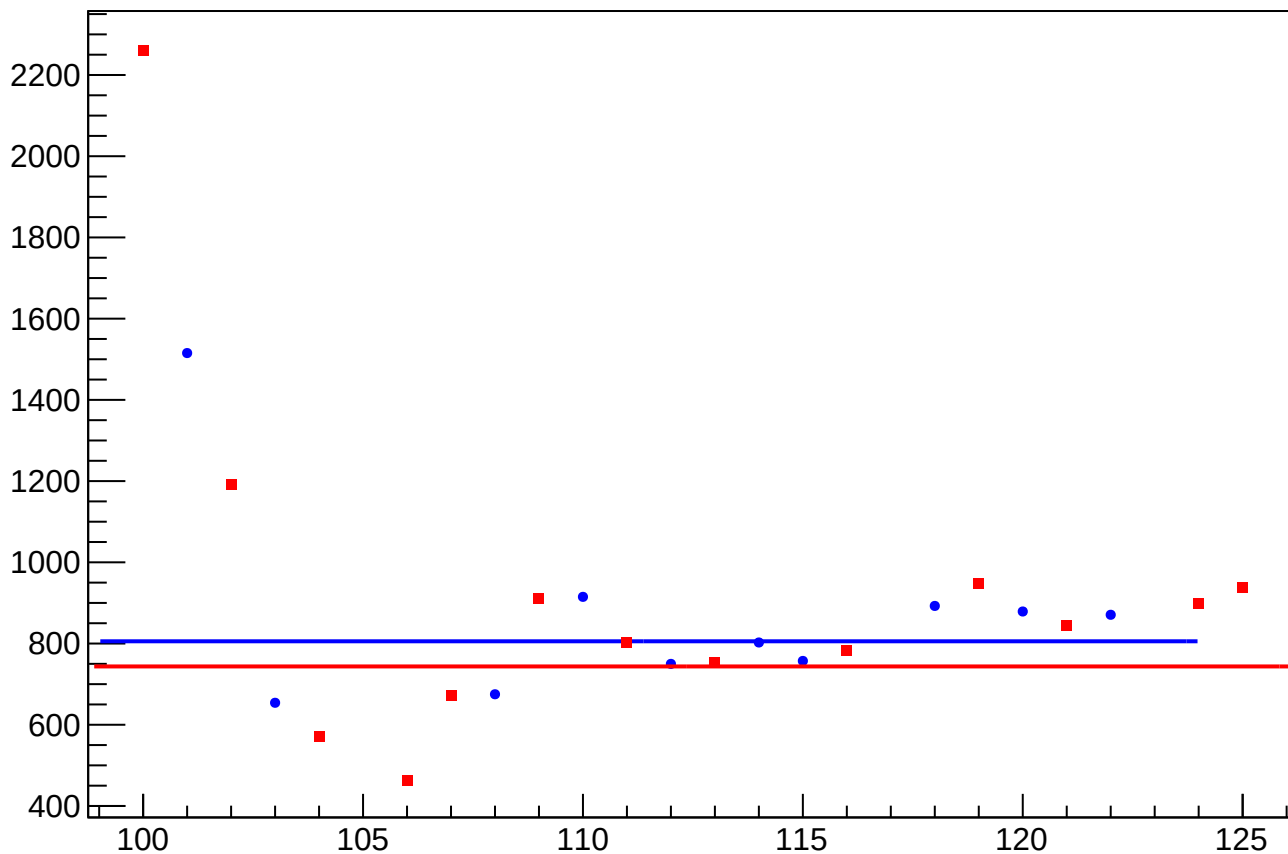
Right: -252.806+/-267.497 χ^2/NDF : 24.6/22

In: -148.311+/-410.567 χ^2/NDF :11.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -252.806+/-267.497 χ^2/NDF : 24.6/22

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: 743.597+/-0.249 χ^2/NDF : 628659.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

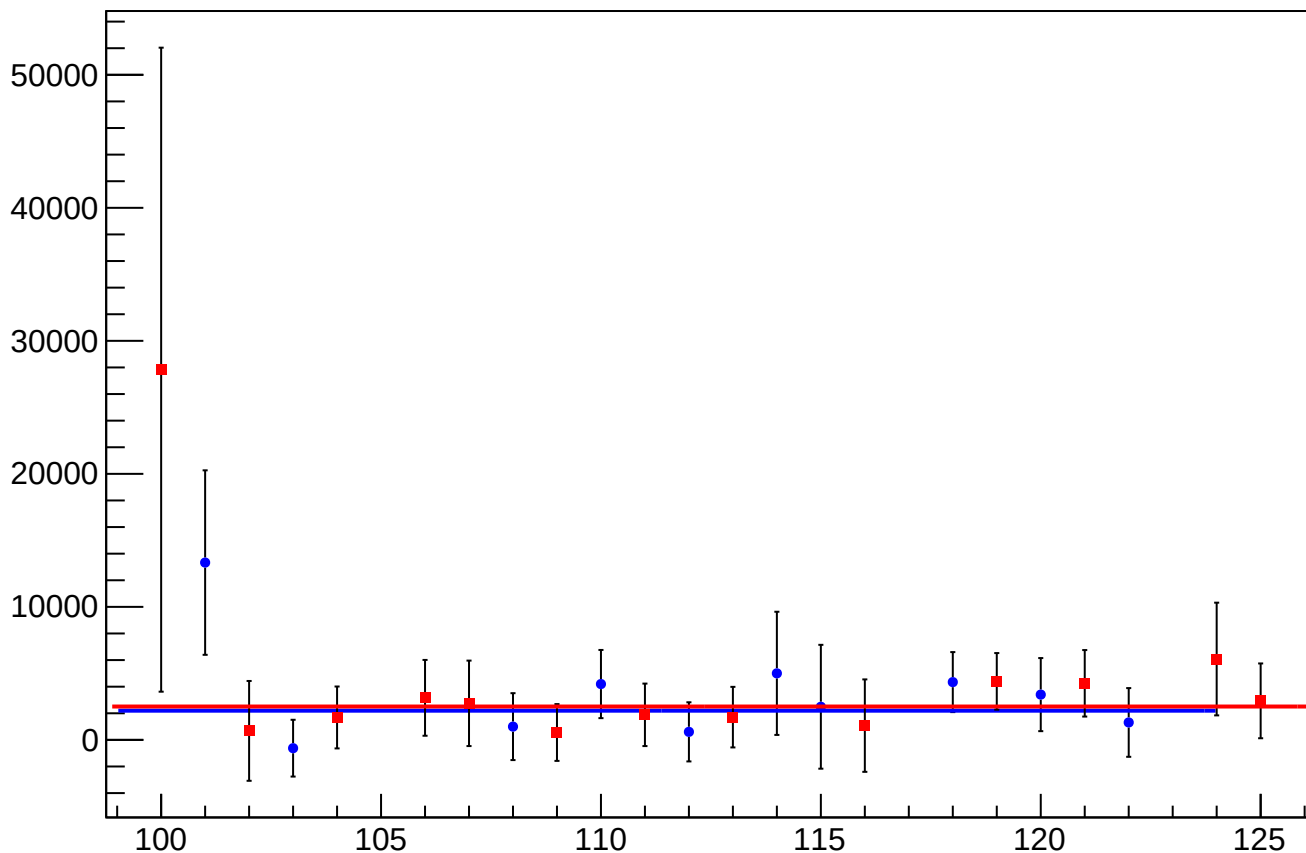
Right: 769.888+/-0.189 χ^2/NDF : 1070877.5/22

In: 805.533+/-0.290 χ^2/NDF : 416025.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 769.888+/-0.189 χ^2/NDF : 1070877.5/22

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: 2507.923+/-763.156 χ^2/NDF : 4.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

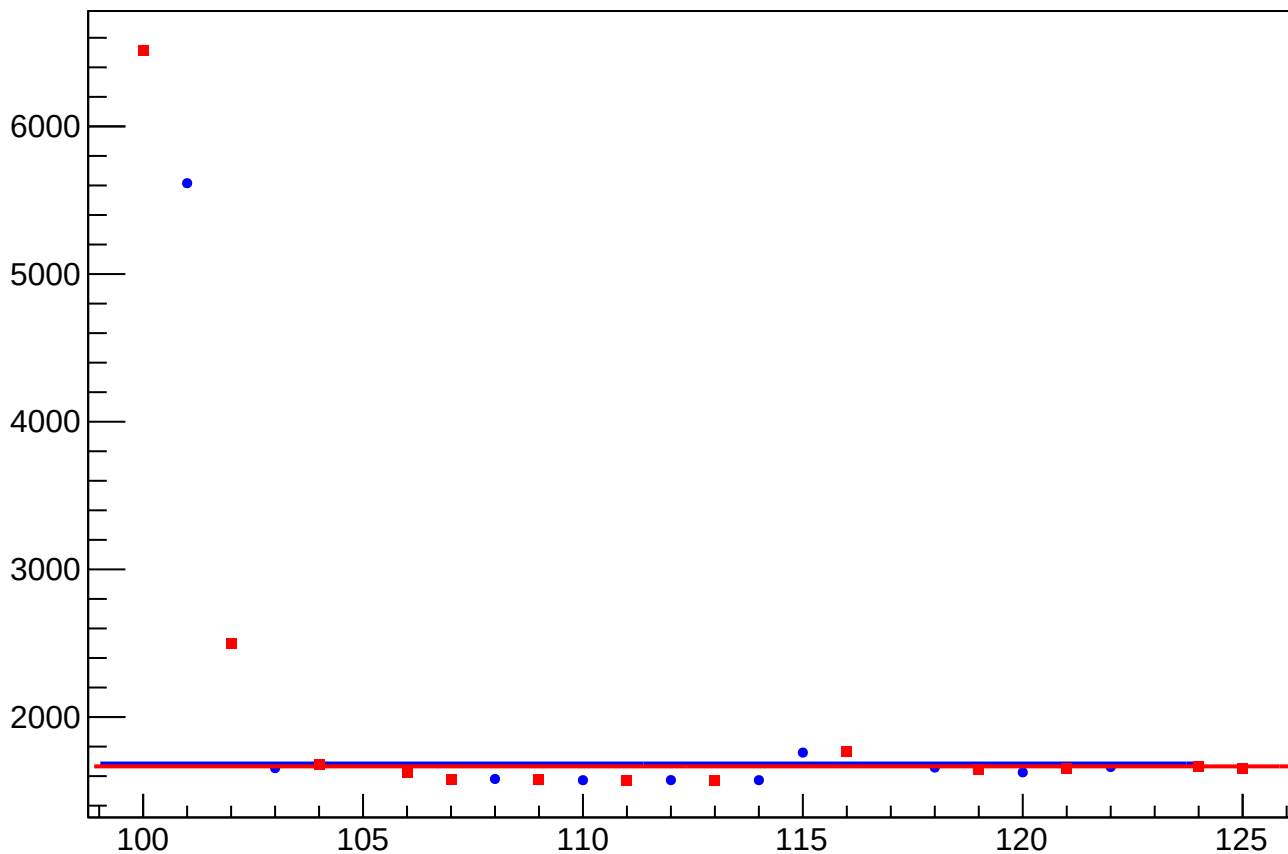
Right: 2371.881+/-573.390 χ^2/NDF : 12.1/22

In: 2195.532+/-868.887 χ^2/NDF : 7.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2371.881+/-573.390 χ^2/NDF : 12.1/22

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: 1665.904+/-0.540 χ^2/NDF : 192280.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

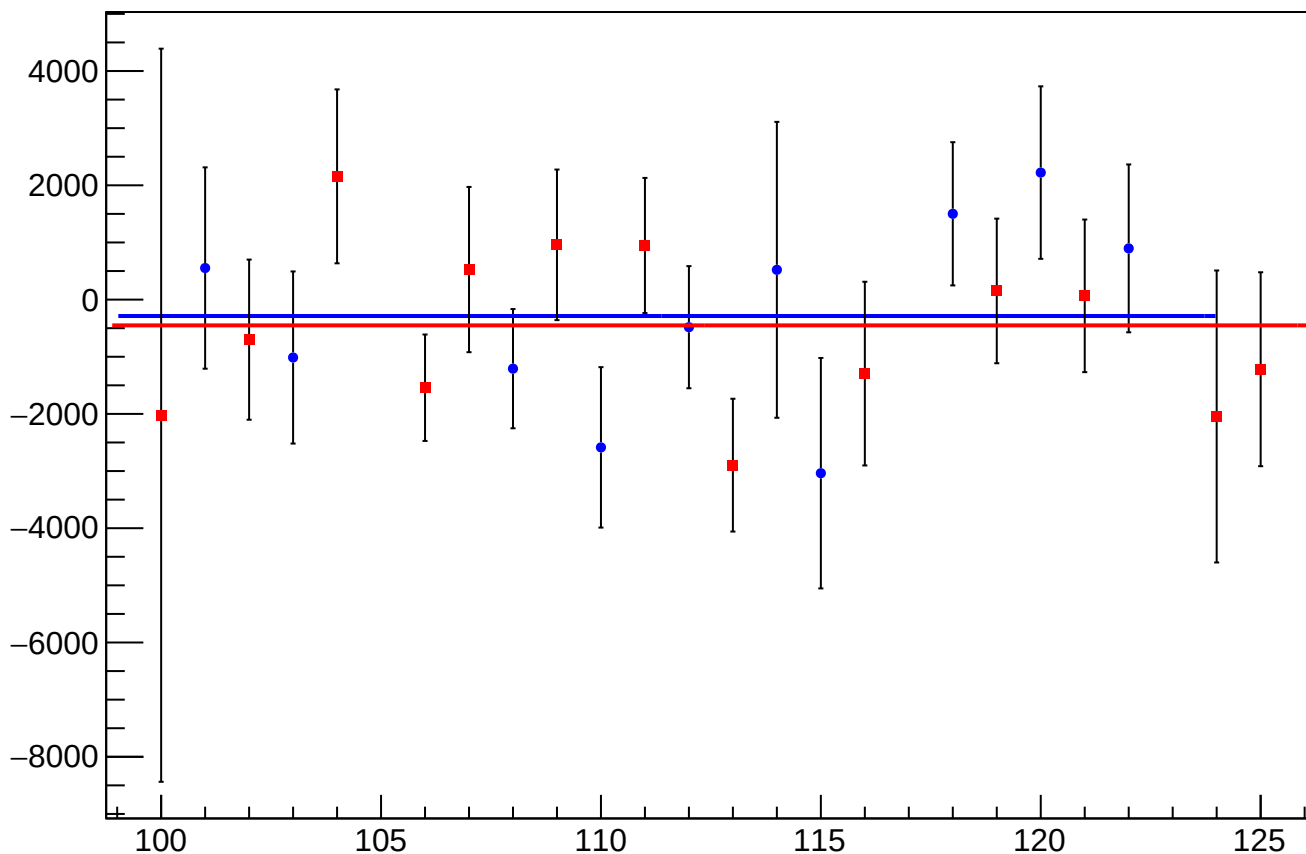
Right: 1674.312+/-0.405 χ^2/NDF : 851057.5/22

In: 1685.210+/-0.614 χ^2/NDF : 658219.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1674.312+/-0.405 χ^2/NDF : 851057.5/22

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: -450.993+/-386.245 χ^2/NDF : 13.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

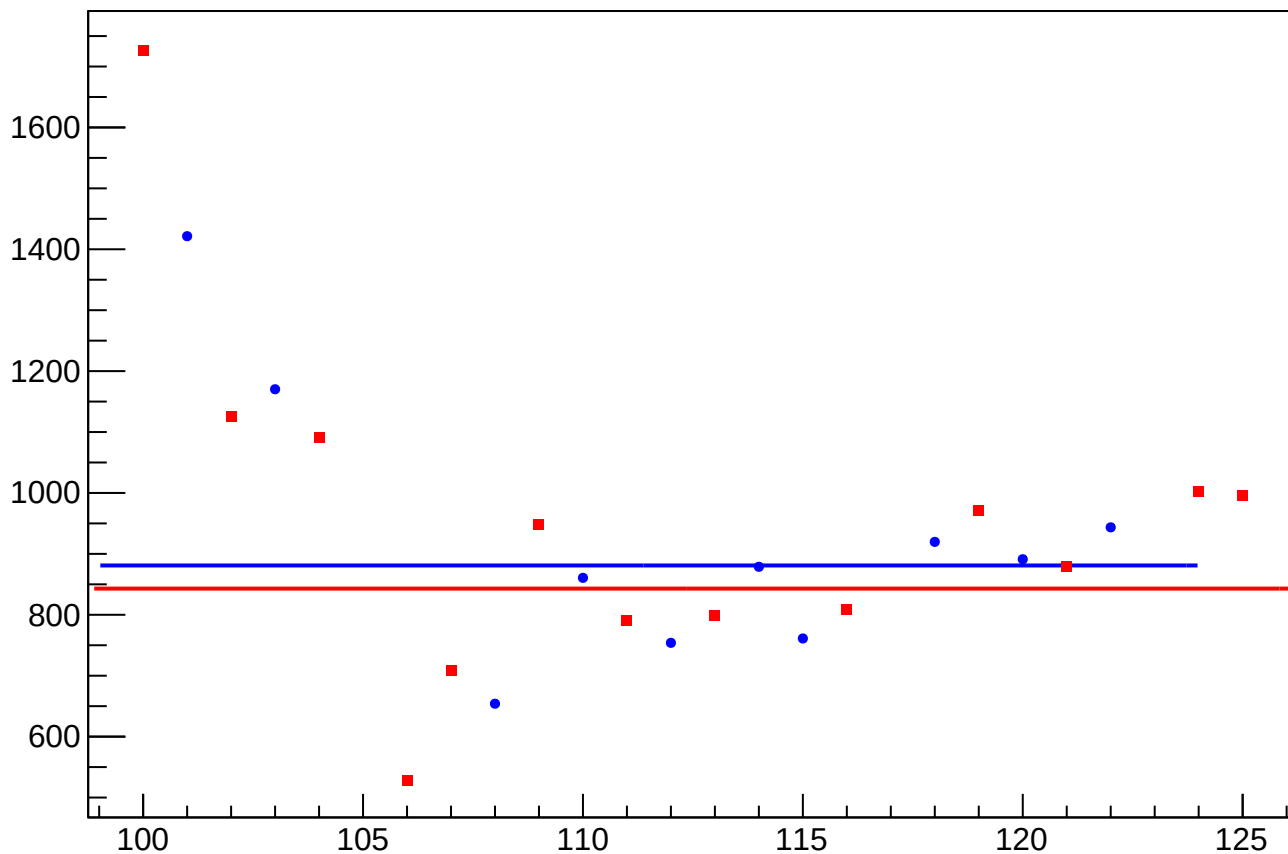
Right: -380.960+/-292.310 χ^2/NDF : 24.5/22

In: -287.079+/-447.199 χ^2/NDF : 11.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -380.960+/-292.310 χ^2/NDF : 24.5/22

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: 843.013+/-0.273 χ^2/NDF : 484933.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

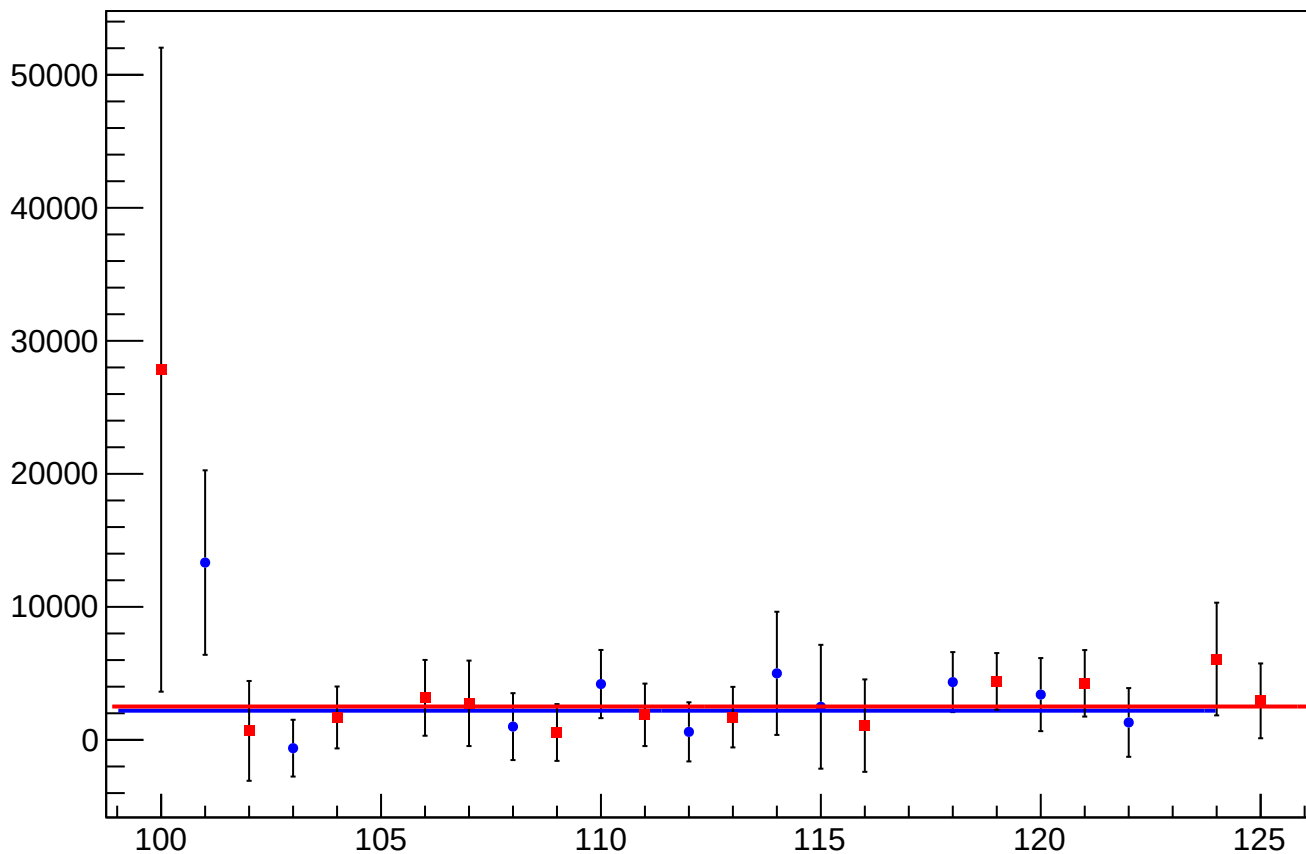
Right: 859.231+/-0.207 χ^2/NDF : 891318.0/22

In: 880.972+/-0.316 χ^2/NDF : 398131.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 859.231+/-0.207 χ^2/NDF : 891318.0/22

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: 2507.925+/-763.156 χ^2/NDF : 4.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

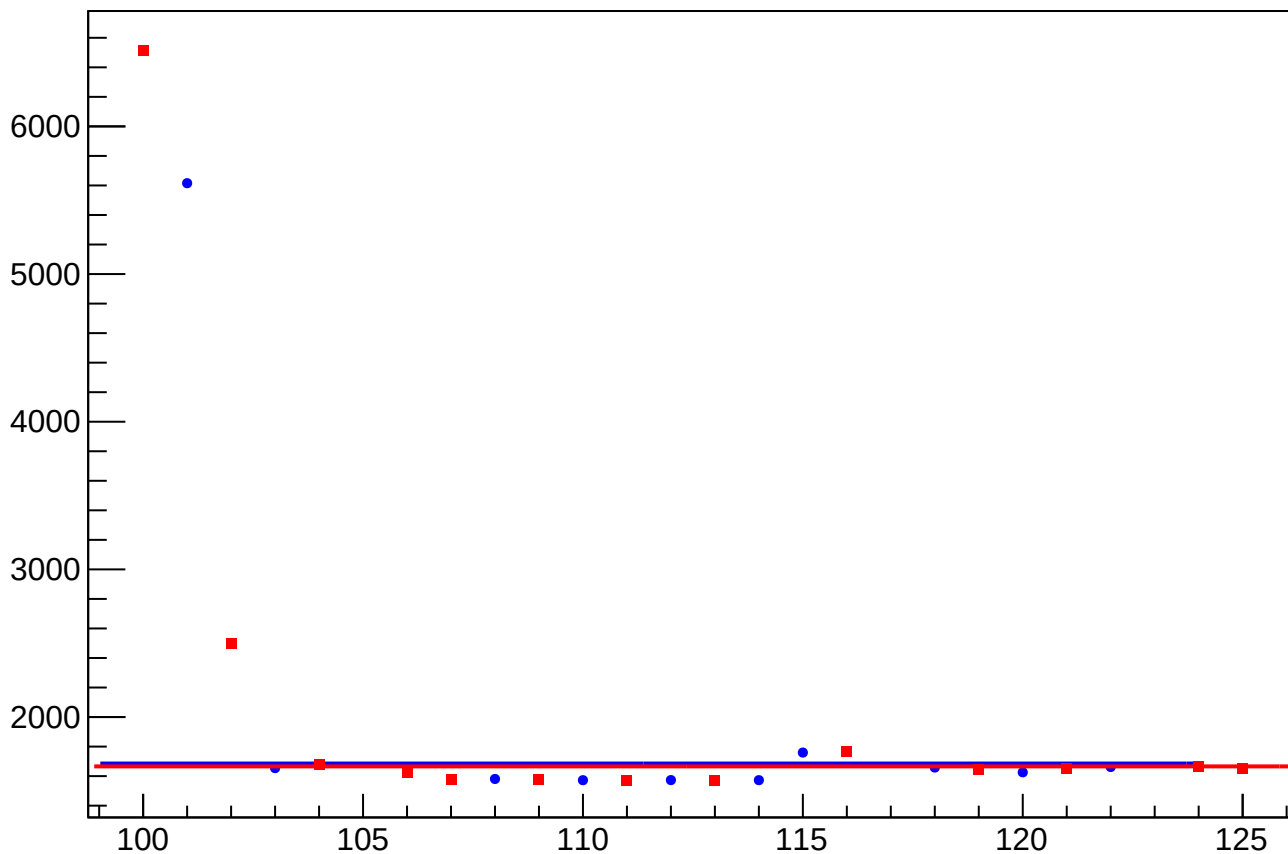
Right: 2371.882+/-573.390 χ^2/NDF : 12.1/22

In: 2195.532+/-868.887 χ^2/NDF : 7.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2371.882+/-573.390 χ^2/NDF : 12.1/22

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: 1665.904+/-0.540 χ^2/NDF : 192280.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

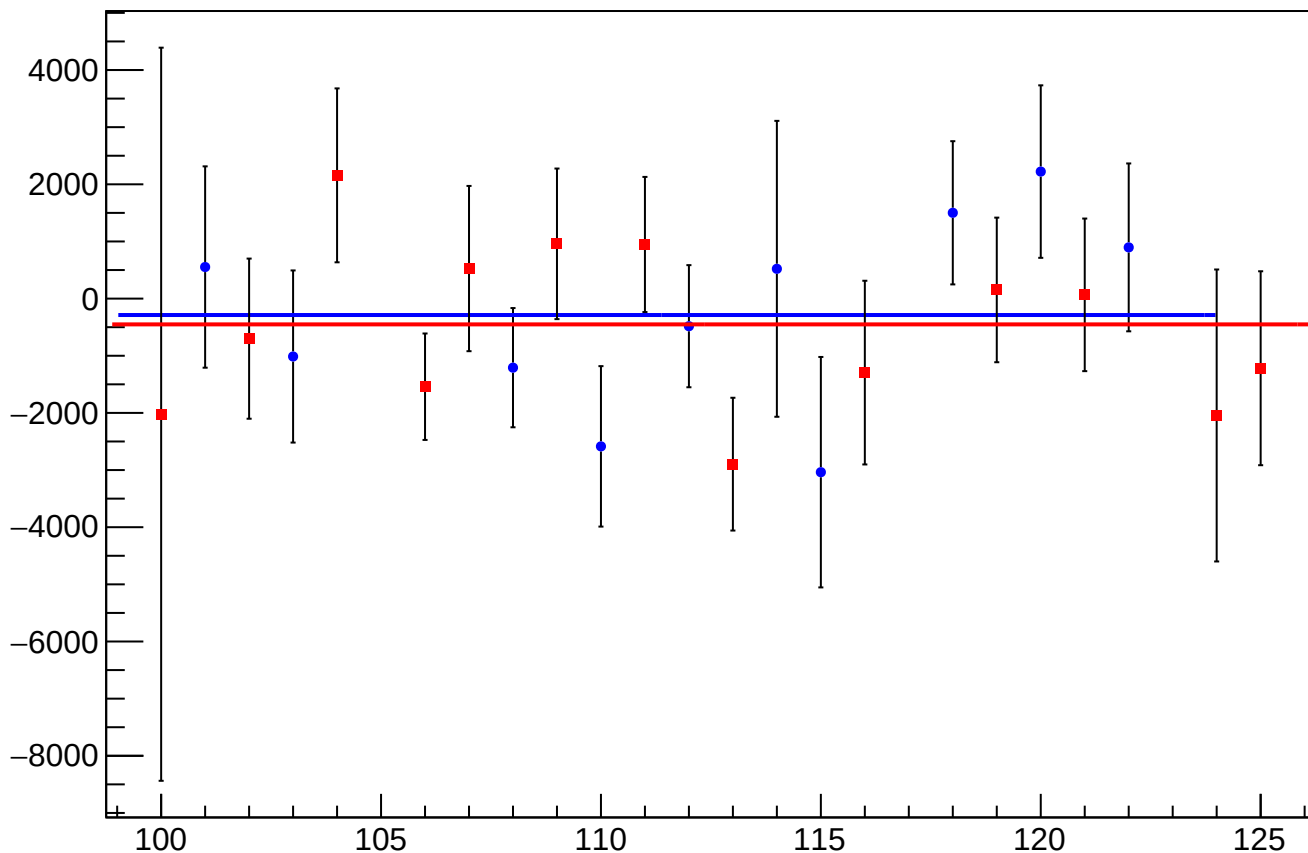
Right: 1674.311+/-0.405 χ^2/NDF : 851057.4/22

In: 1685.210+/-0.614 χ^2/NDF : 658219.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1674.311+/-0.405 χ^2/NDF : 851057.4/22

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: -450.991+/-386.244 χ^2/NDF : 13.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

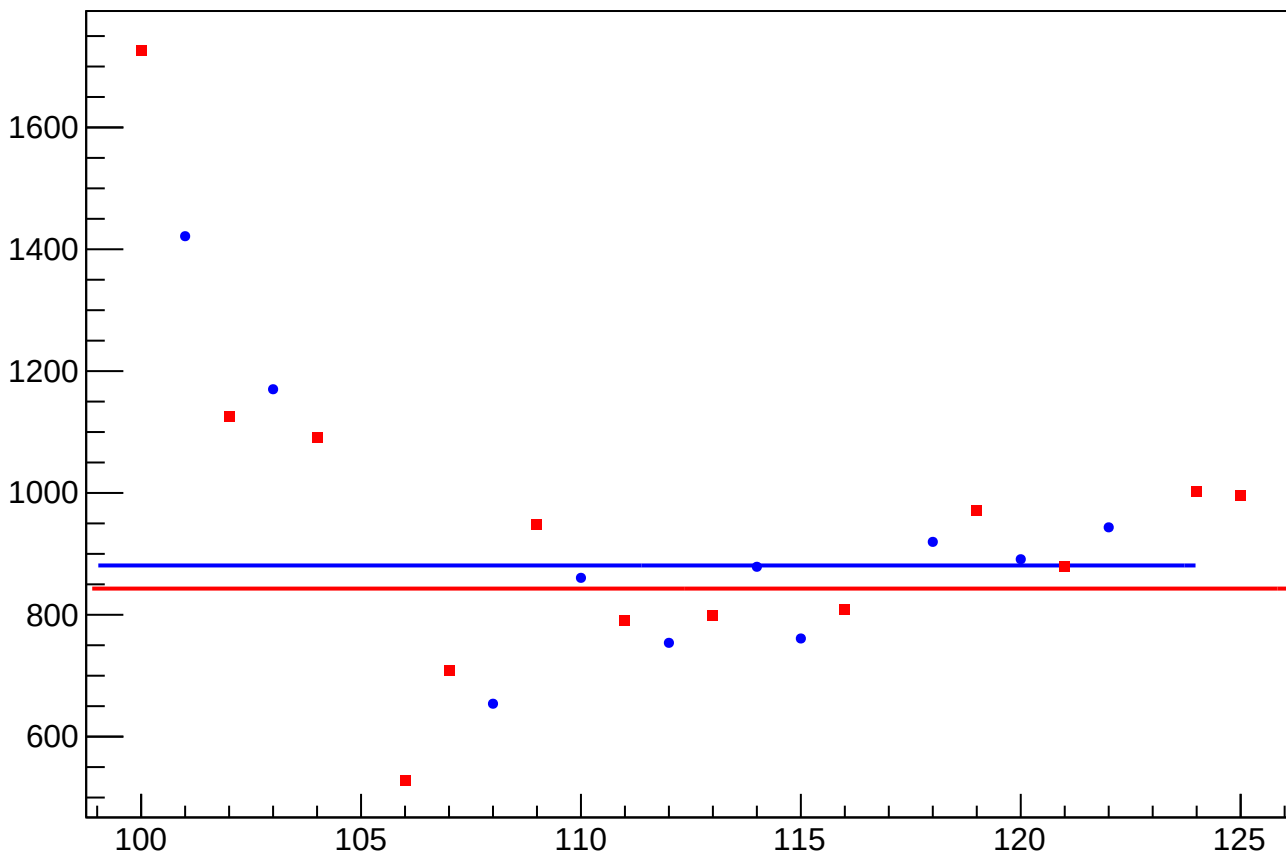
Right: -380.958+/-292.309 χ^2/NDF : 24.5/22

In: -287.078+/-447.197 χ^2/NDF : 11.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -380.958+/-292.309 χ^2/NDF : 24.5/22

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: 843.011+/-0.273 χ^2/NDF : 484928.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

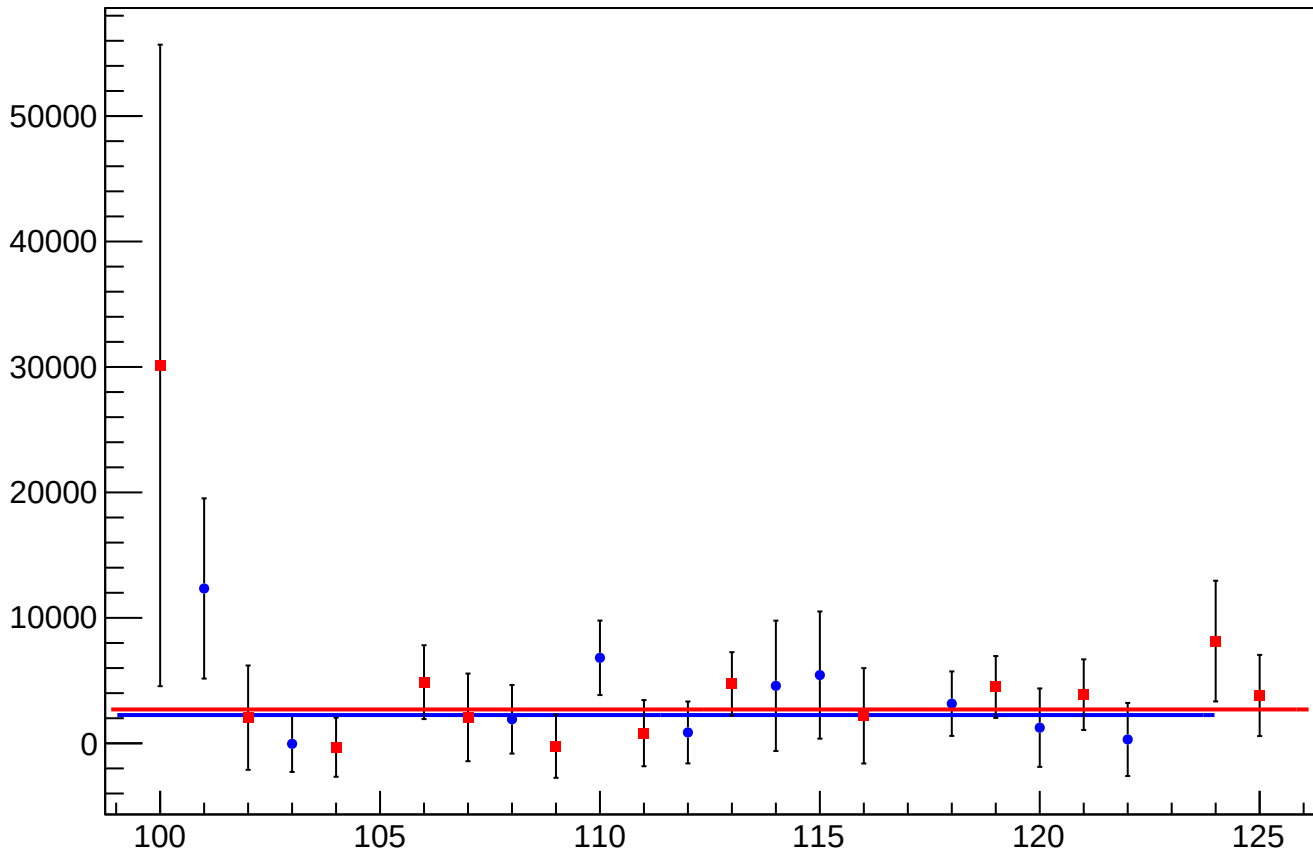
Right: 859.228+/-0.207 χ^2/NDF : 891316.0/22

In: 880.968+/-0.316 χ^2/NDF : 398135.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 859.228+/-0.207 χ^2/NDF : 891316.0/22

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: 2699.874+/-847.064 χ^2/NDF : 8.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

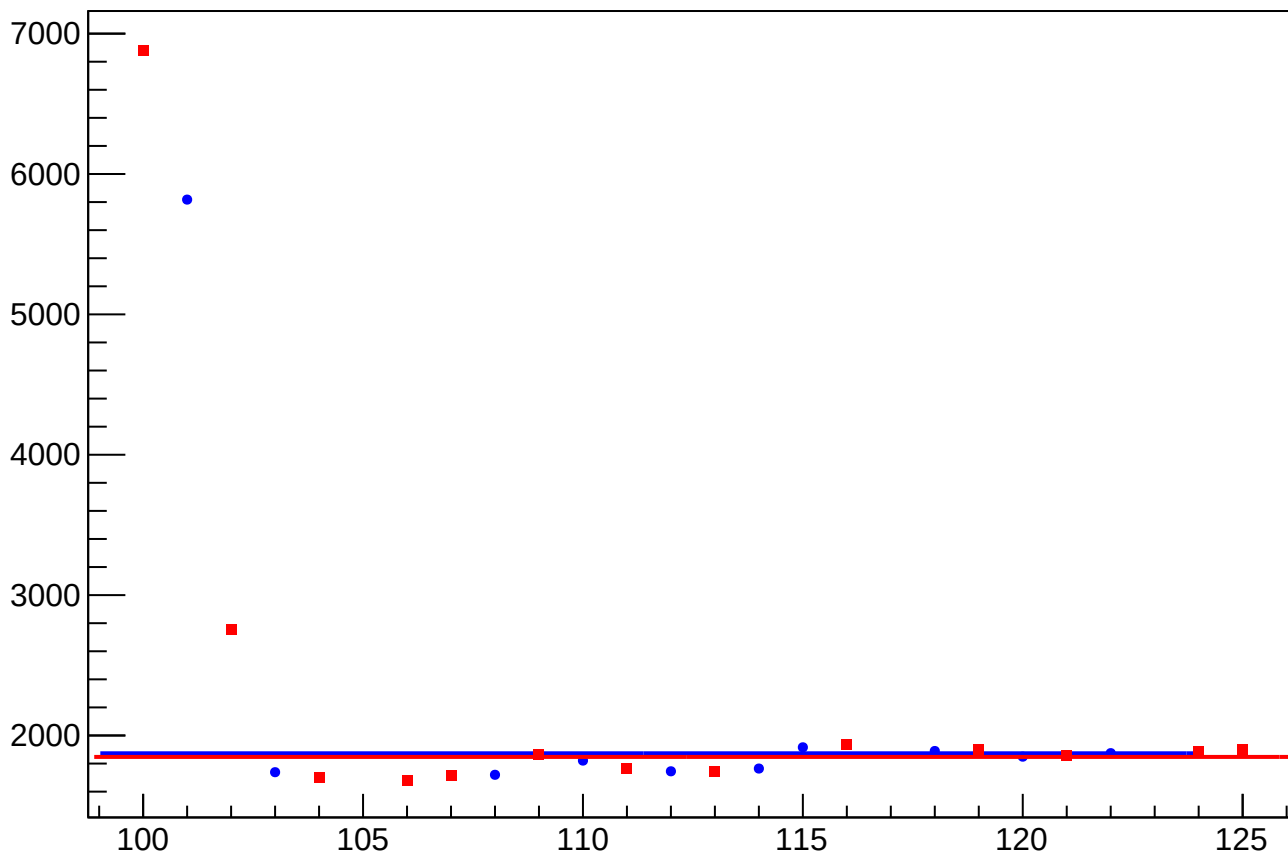
Right: 2505.446+/-636.193 χ^2/NDF : 15.1/22

In: 2253.850+/-963.584 χ^2/NDF : 7.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2505.446+/-636.193 χ^2/NDF : 15.1/22

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: 1847.298+/-0.599 χ^2 /NDF: 198785.6/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

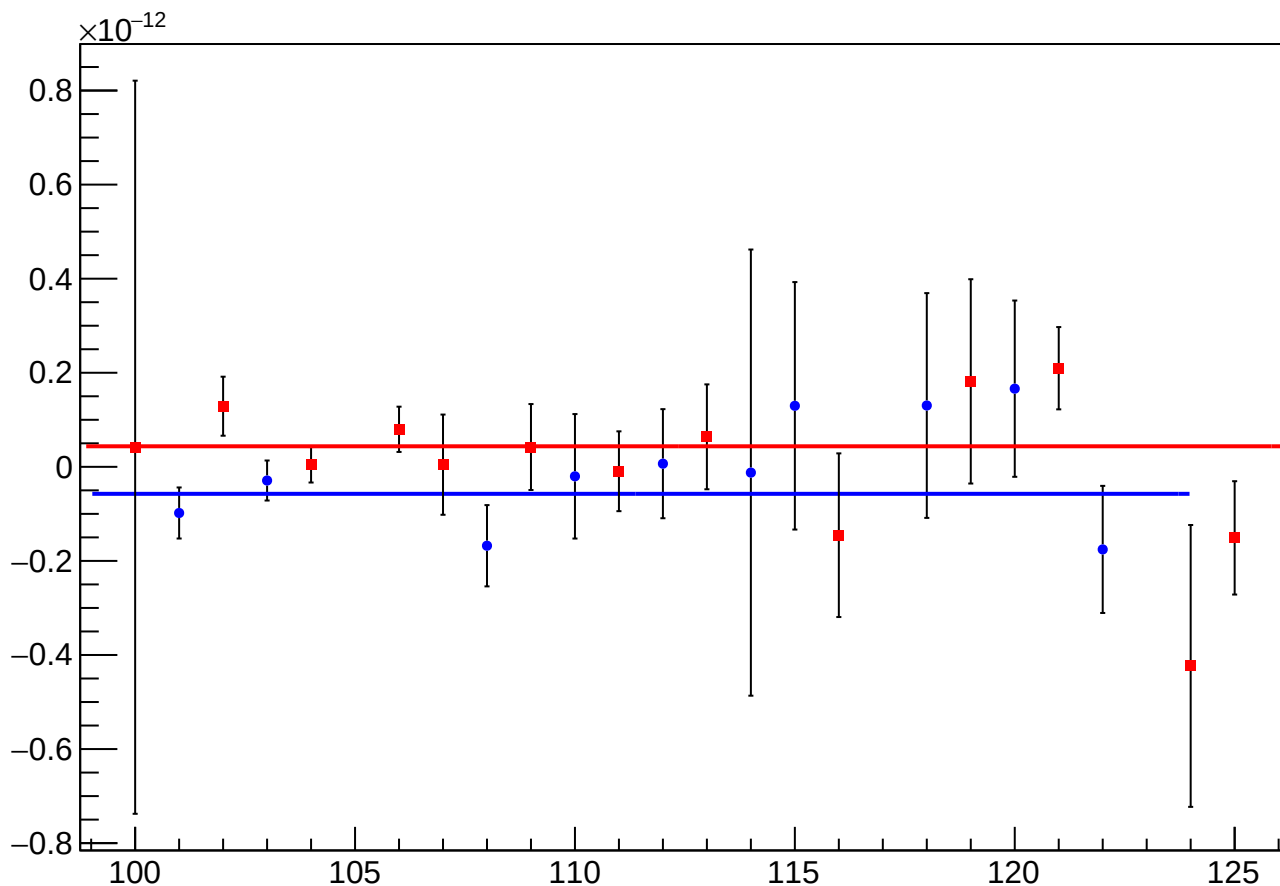
Right: 1858.581+/-0.450 χ^2 /NDF: 823289.9/22

In: 1873.183+/-0.681 χ^2 /NDF:623690.2/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1858.581+/-0.450 χ^2 /NDF: 823289.9/22

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 : 14.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

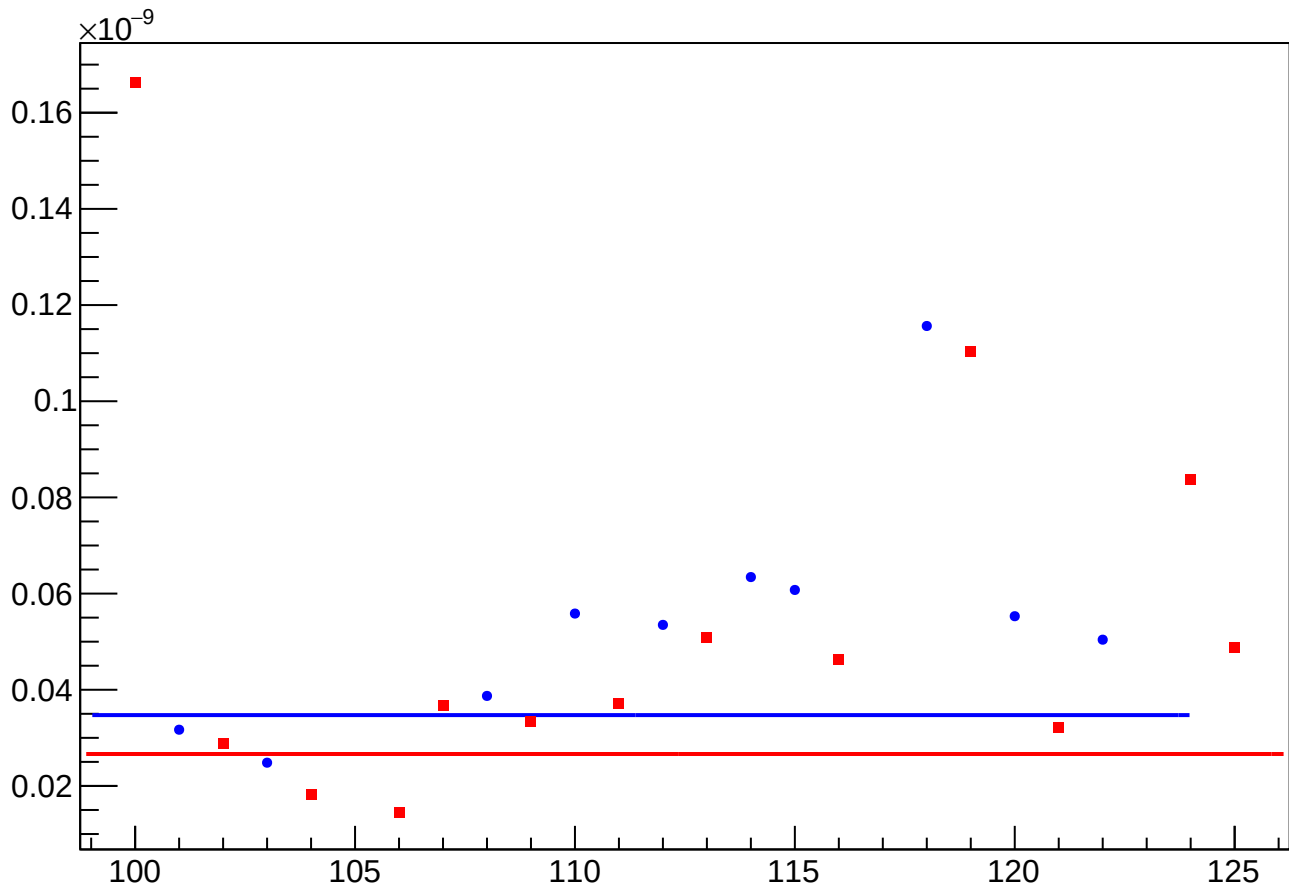
Right: 0.000+/-0.000 χ^2/NDF : 28.7/22

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 : 28.7/22

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 : 920075.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

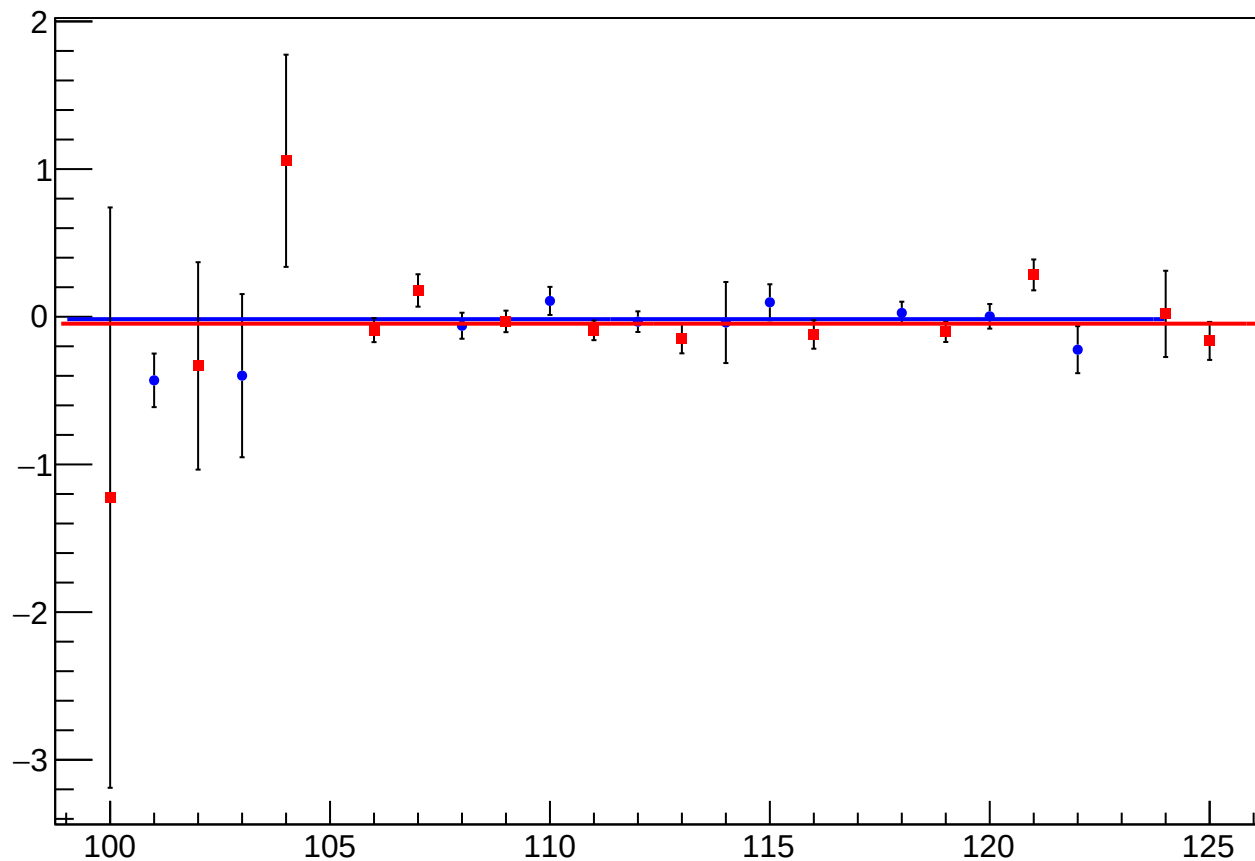
Right: 0.000+/-0.000 χ^2/NDF : 1553101.1/22

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 : 1553101.1/22

asym_usr_atr1_avg_dit_vs_Slug, Sign Corrected



Right In: -0.016 $\pm$ 0.033 χ^2 /NDF: 10.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.047 $\pm$ 0.028 χ^2 /NDF: 21.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

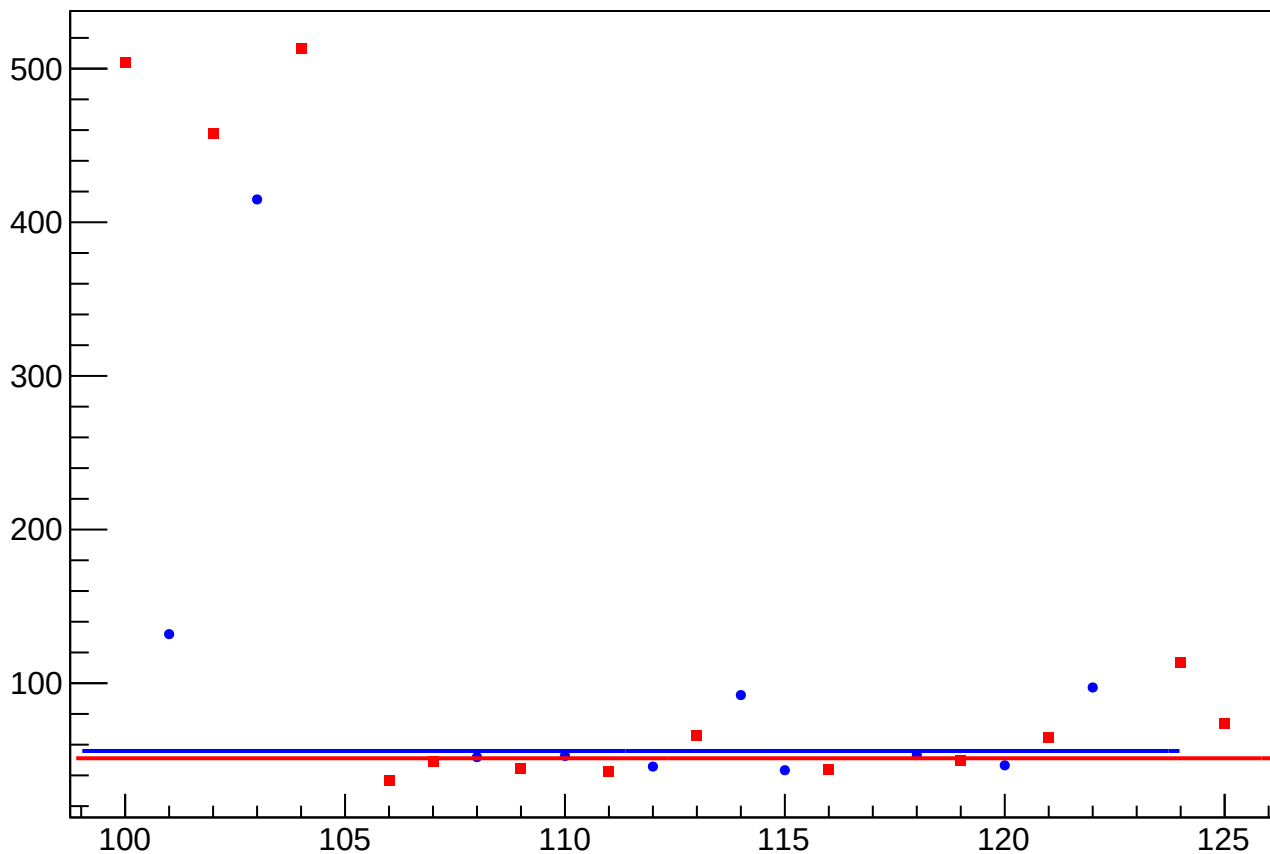
Right: -0.034 $\pm$ 0.022 χ^2 /NDF: 32.1/22

In: -0.016 $\pm$ 0.033 χ^2 /NDF:10.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.034 $\pm$ 0.022 χ^2 /NDF: 32.1/22

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: 51.144+/-0.020 χ^2/NDF : 1963856.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

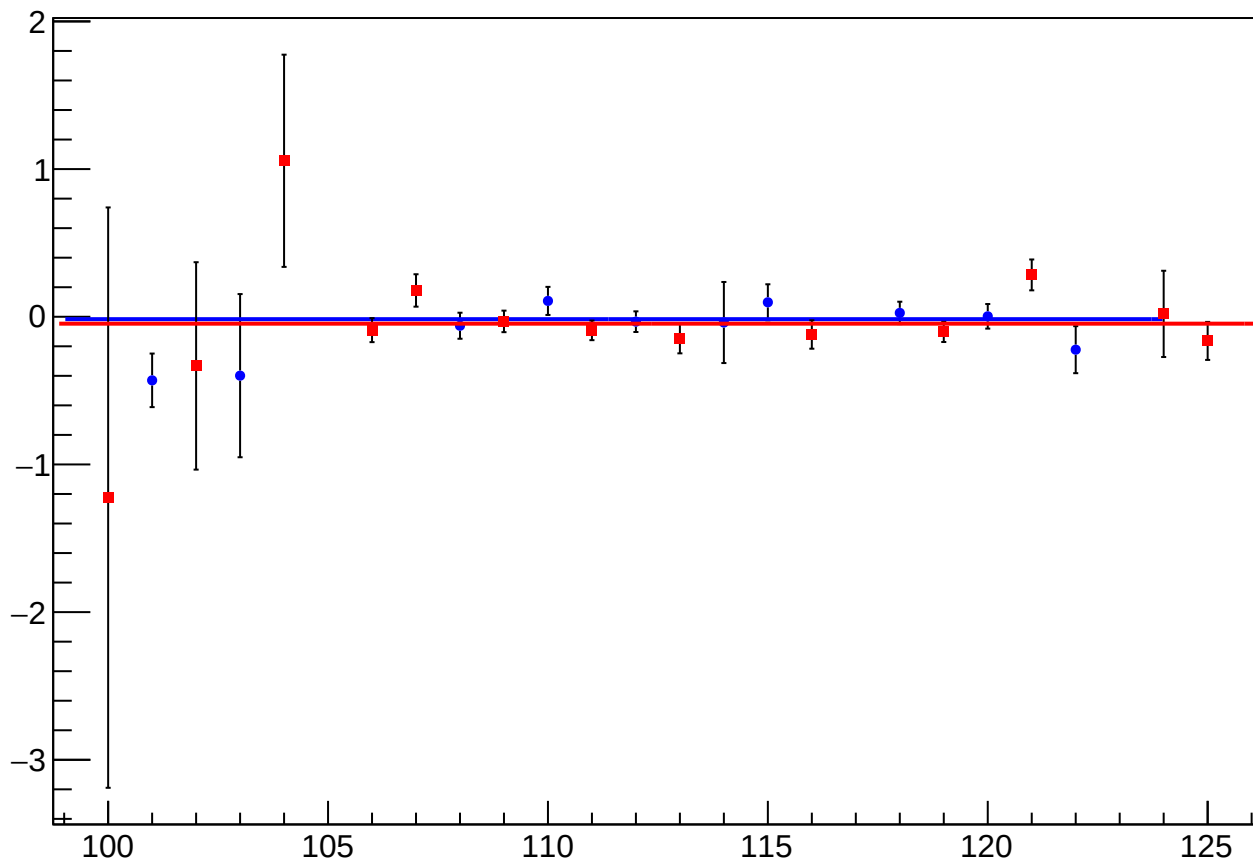
Right: 53.159+/-0.015 χ^2/NDF : 3450884.0/22

In: 55.884+/-0.023 χ^2/NDF : 1463363.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.159+/-0.015 χ^2/NDF : 3450884.0/22

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: -0.047+/-0.028 χ^2/NDF : 21.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

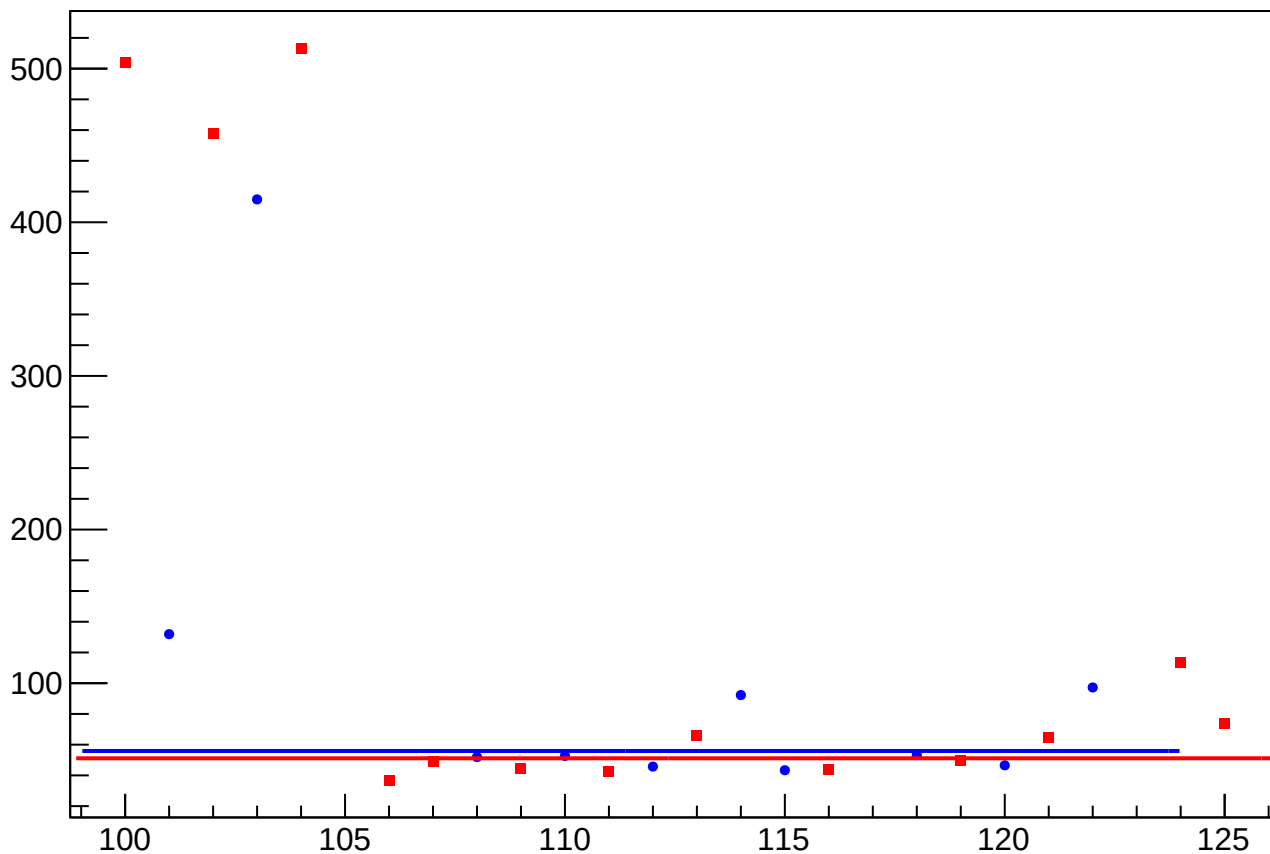
Right: -0.034+/-0.022 χ^2/NDF : 32.1/22

In: -0.016+/-0.033 χ^2/NDF :10.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.034+/-0.022 χ^2/NDF : 32.1/22

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: 51.144+/-0.020 χ^2/NDF : 1963856.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

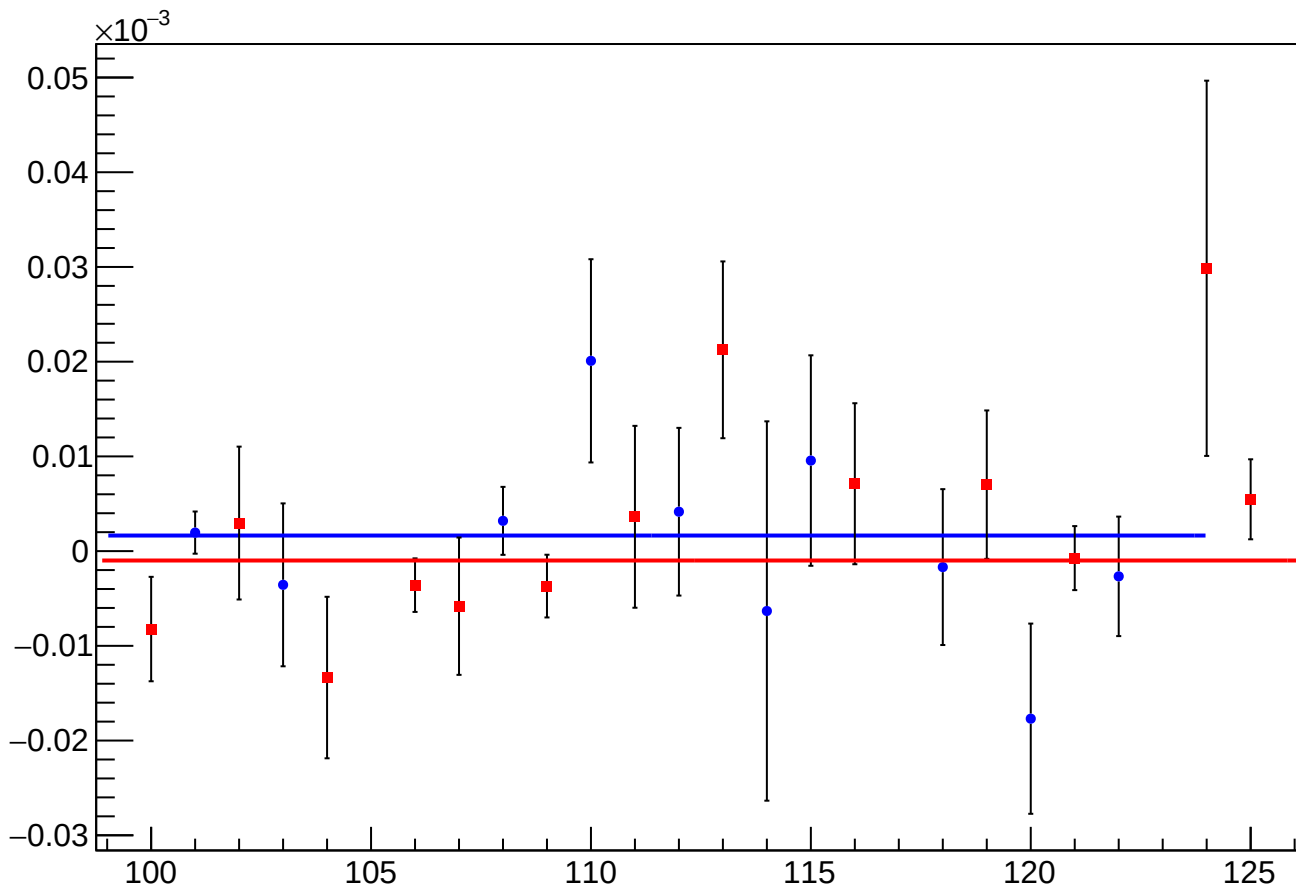
Right: 53.159+/-0.015 χ^2/NDF : 3450884.0/22

In: 55.884+/-0.023 χ^2/NDF :1463363.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 53.159+/-0.015 χ^2/NDF : 3450884.0/22

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 : 18.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

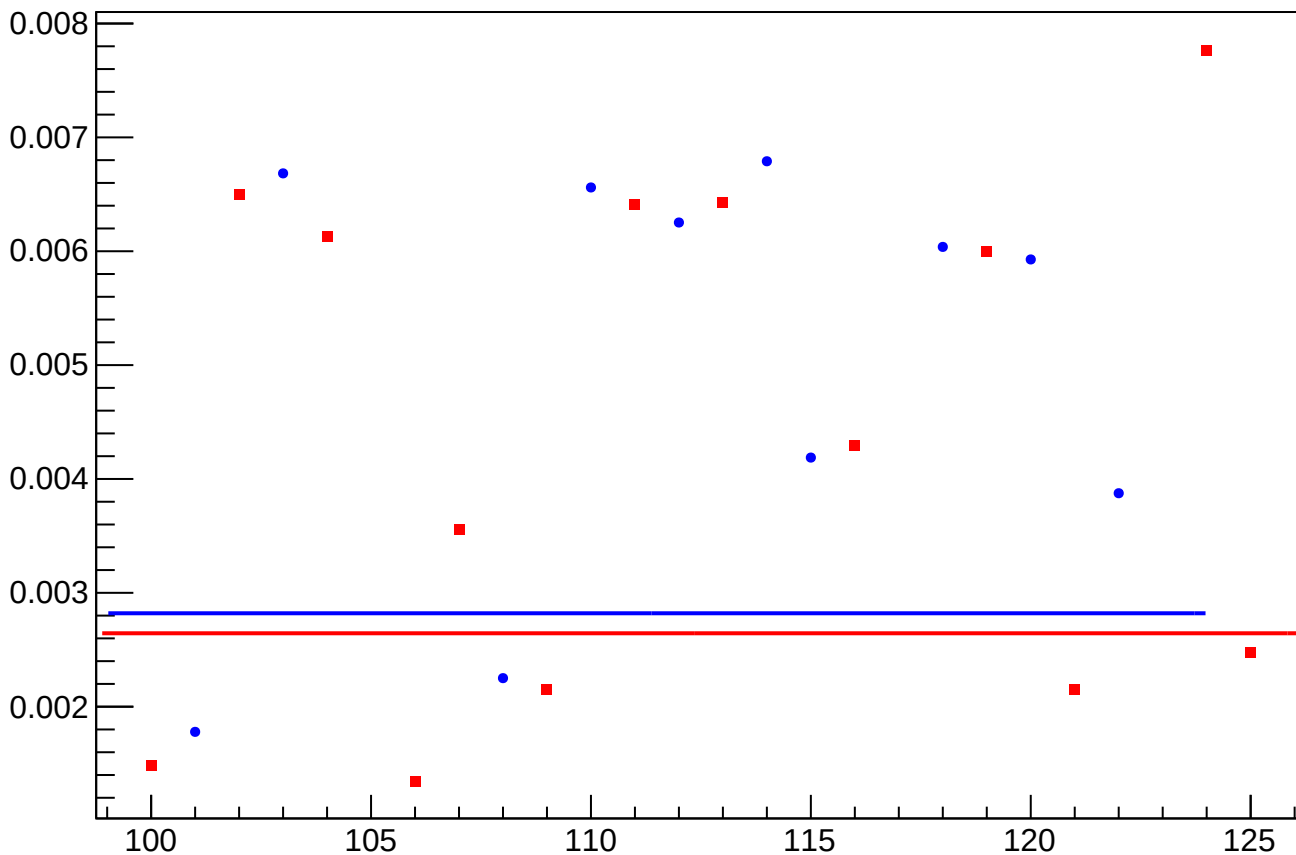
Right: 0.000+/-0.000 χ^2/NDF : 28.8/22

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 : 28.8/22

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 : 2636132.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

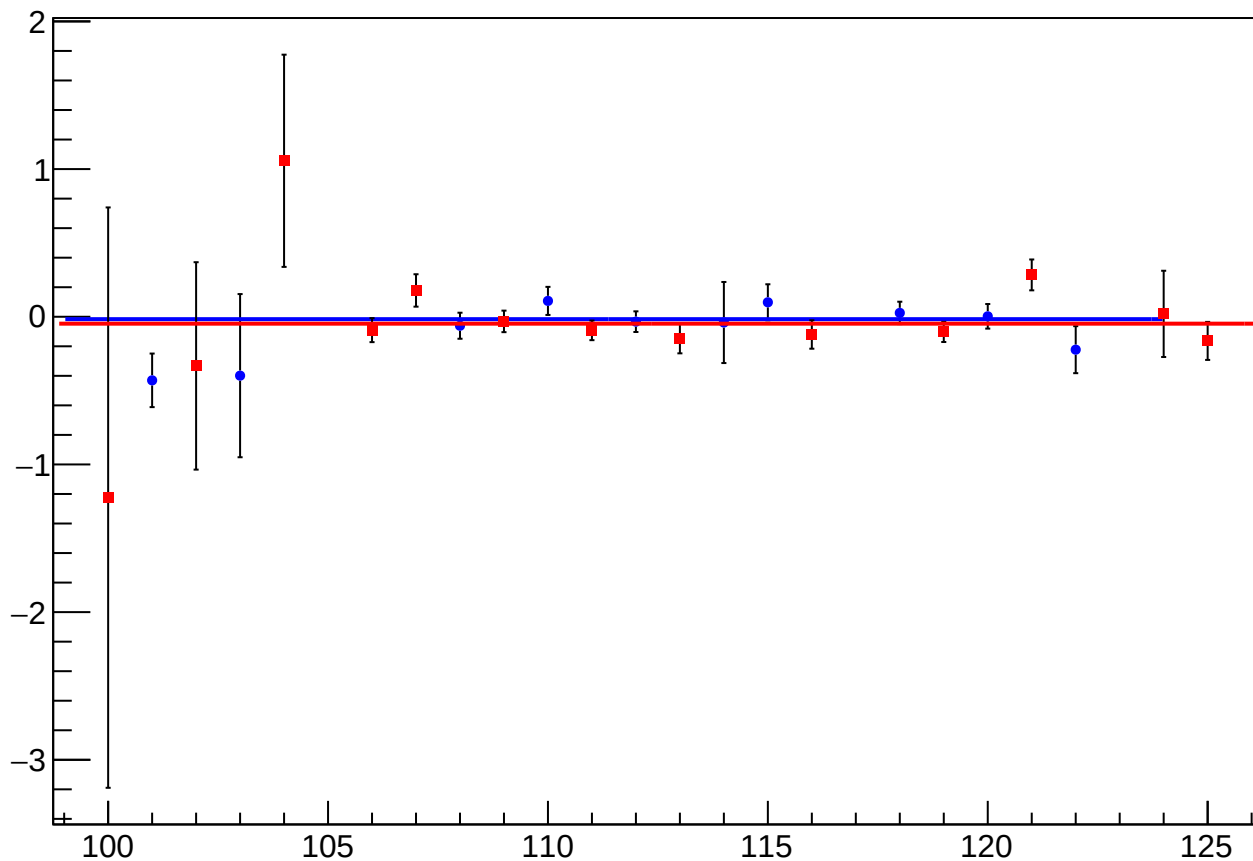
Right: 0.003+/-0.000 χ^2/NDF : 4746890.8/22

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 : 4746890.8/22

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: -0.047+/-0.028 χ^2/NDF : 21.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

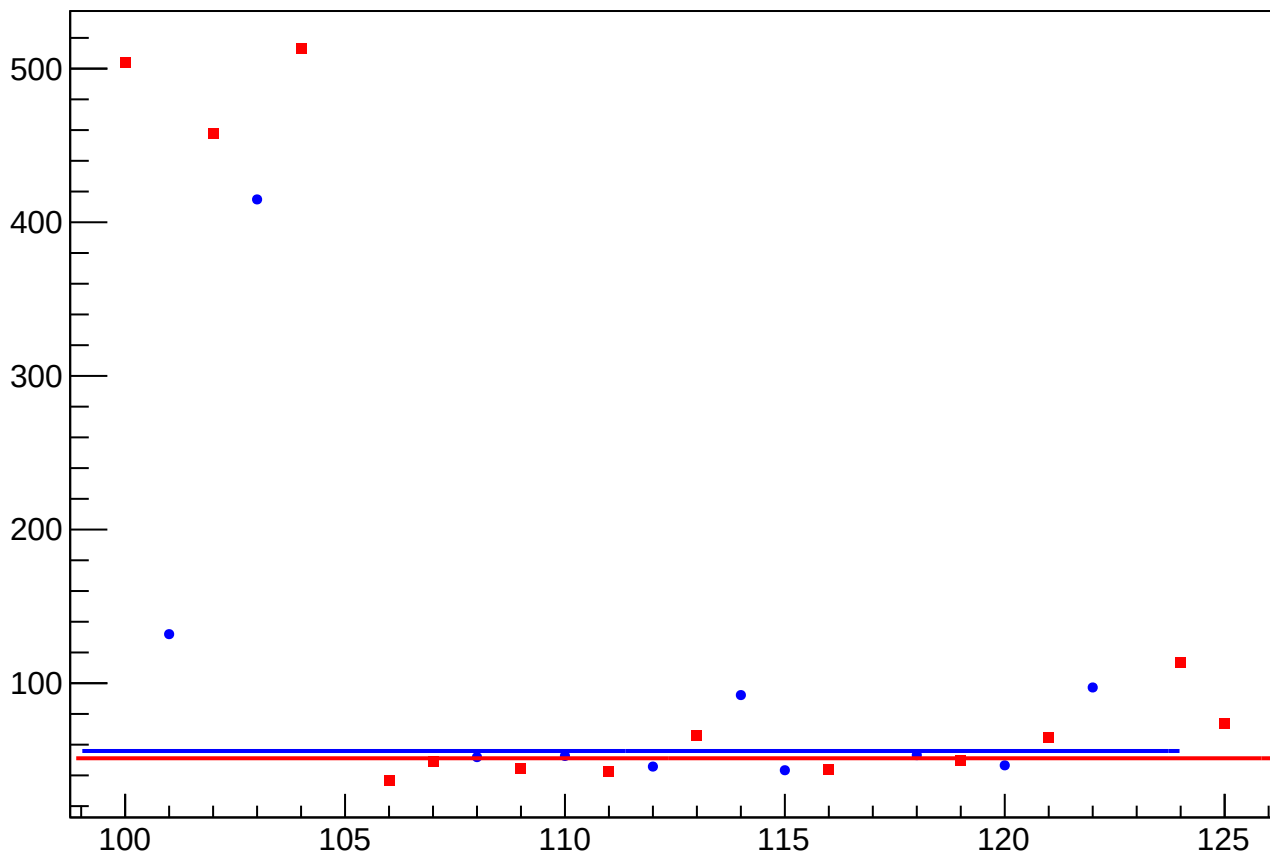
Right: -0.034+/-0.022 χ^2/NDF : 32.1/22

In: -0.016+/-0.033 χ^2/NDF :10.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.034+/-0.022 χ^2/NDF : 32.1/22

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: 51.144+/-0.020 χ^2/NDF : 1963811.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

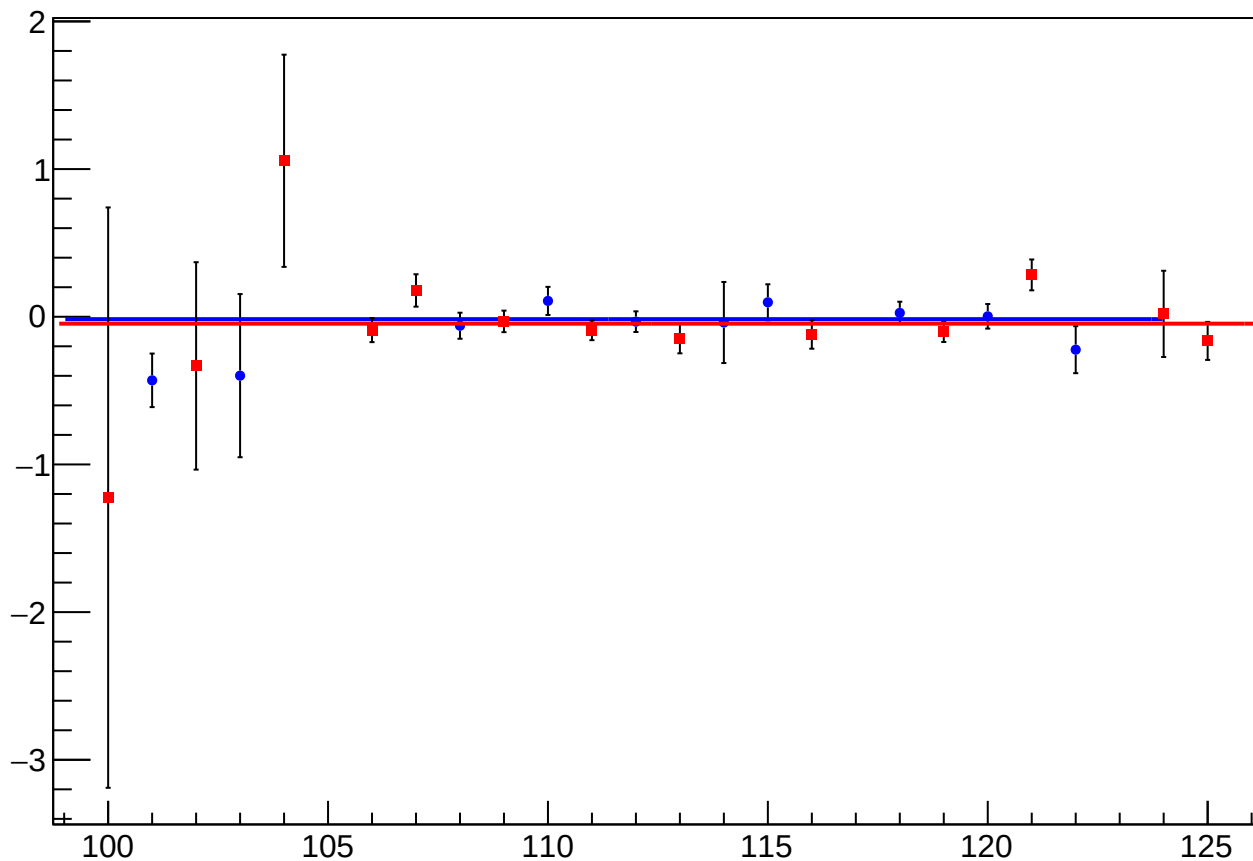
Right: 53.159+/-0.015 χ^2/NDF : 3450829.2/22

In: 55.885+/-0.023 χ^2/NDF : 1463343.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.159+/-0.015 χ^2/NDF : 3450829.2/22

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 $\pm$ 0.033 χ^2 /NDF: 10.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.047 $\pm$ 0.028 χ^2 /NDF: 21.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

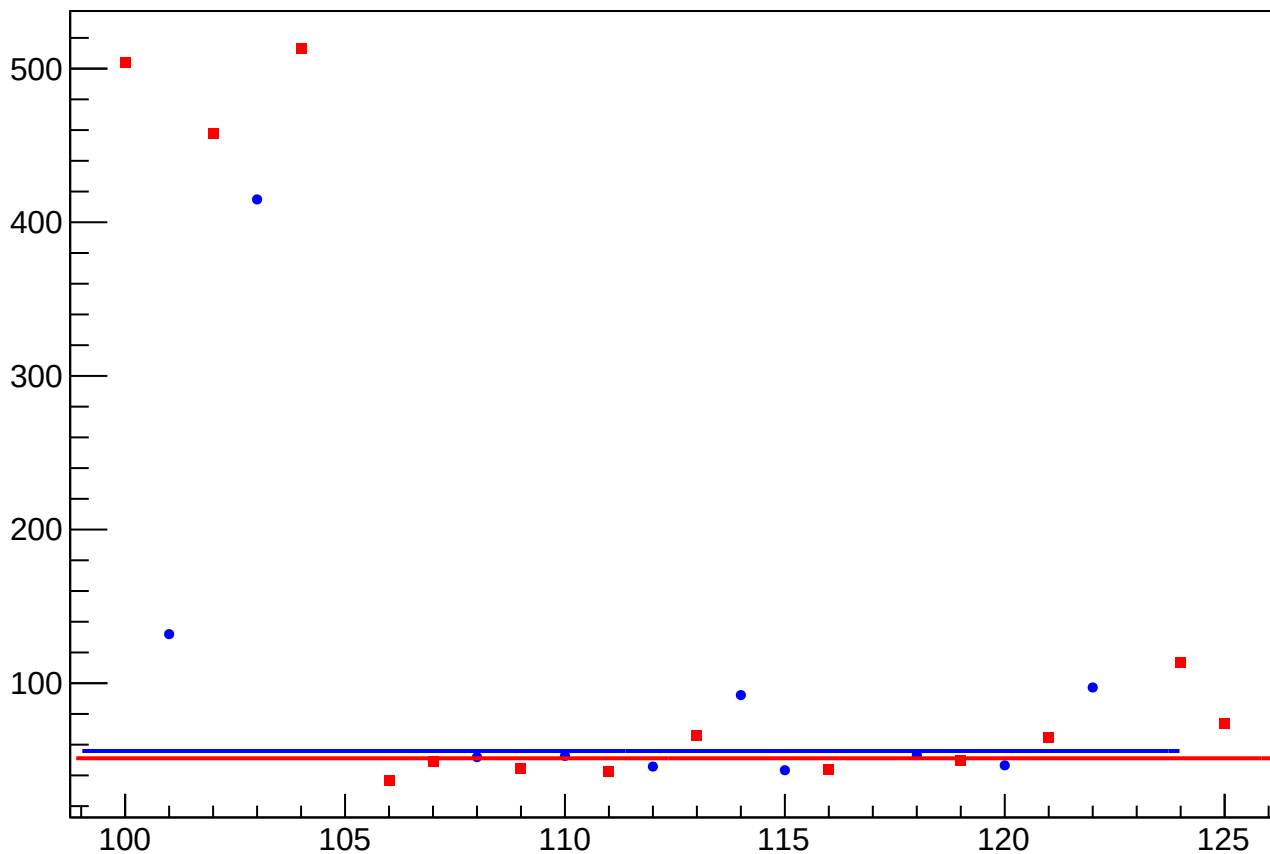
Right: -0.034 $\pm$ 0.022 χ^2 /NDF: 32.1/22

In: -0.016 $\pm$ 0.033 χ^2 /NDF:10.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.034 $\pm$ 0.022 χ^2 /NDF: 32.1/22

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.885+/-0.023 χ^2/NDF : 1463343.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.144+/-0.020 χ^2/NDF : 1963811.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

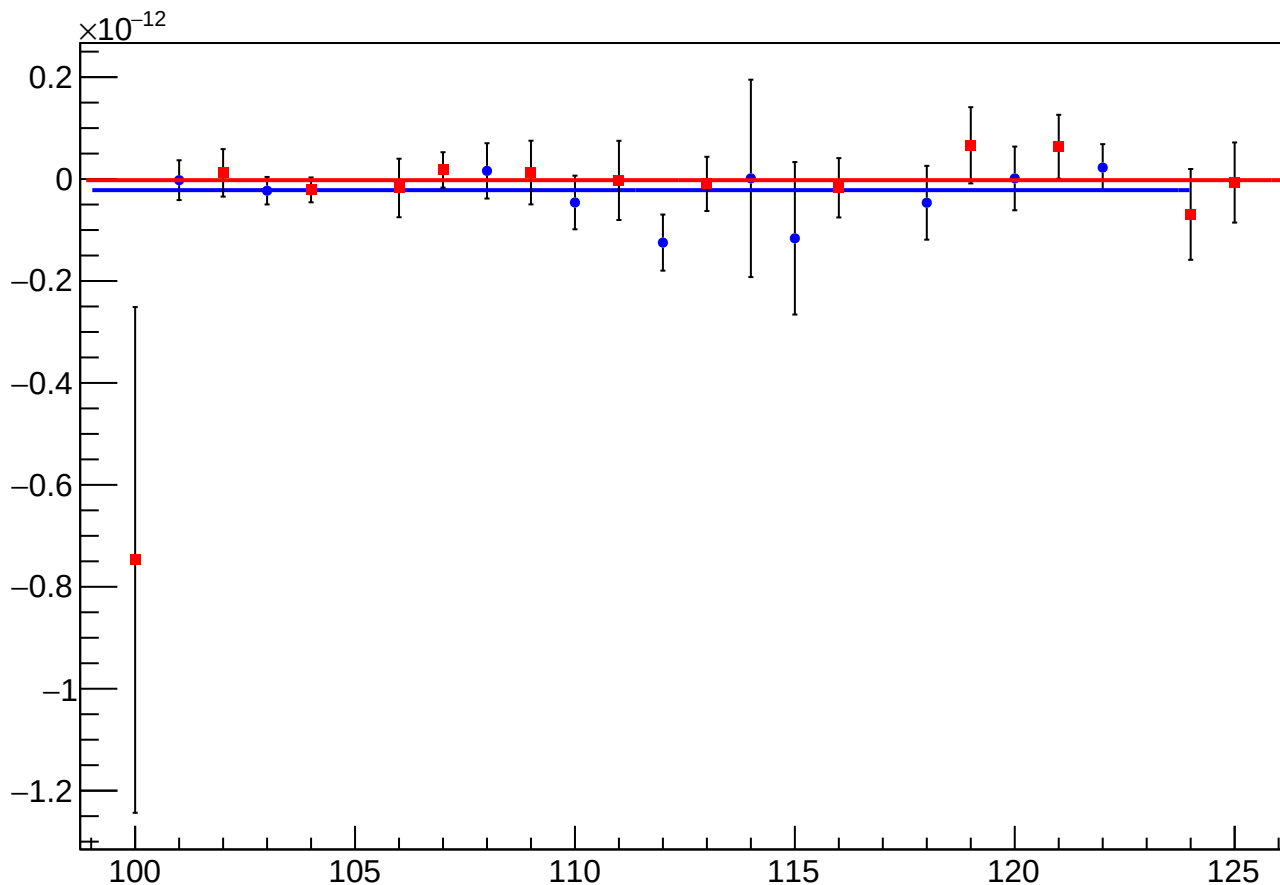
Right: 53.159+/-0.015 χ^2/NDF : 3450829.2/22

In: 55.885+/-0.023 χ^2/NDF : 1463343.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.159+/-0.015 χ^2/NDF : 3450829.2/22

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

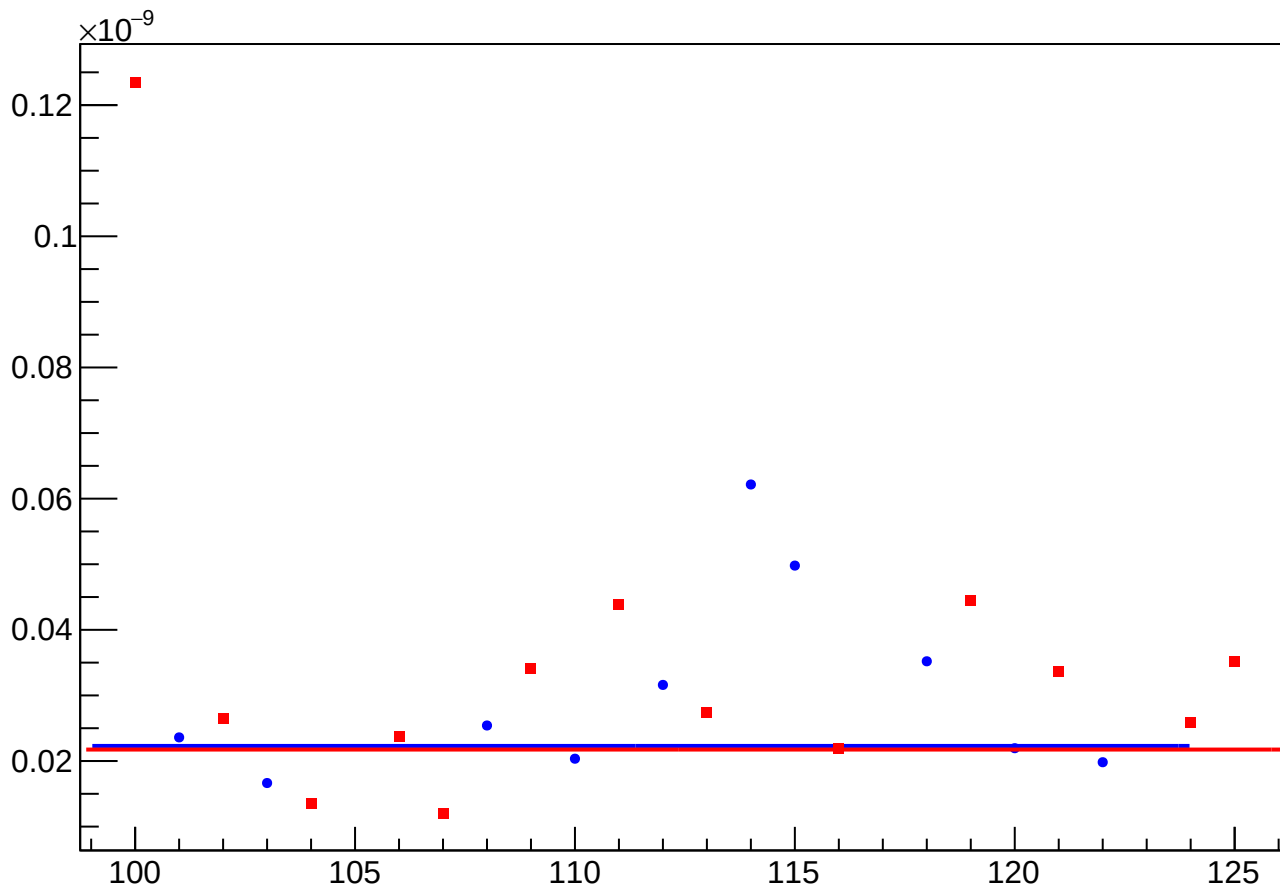
Right: -0.000+/-0.000 χ^2/NDF : 12.9/22

In: -0.000+/-0.000 χ^2/NDF : 6.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.9/22

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 : 1072104.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

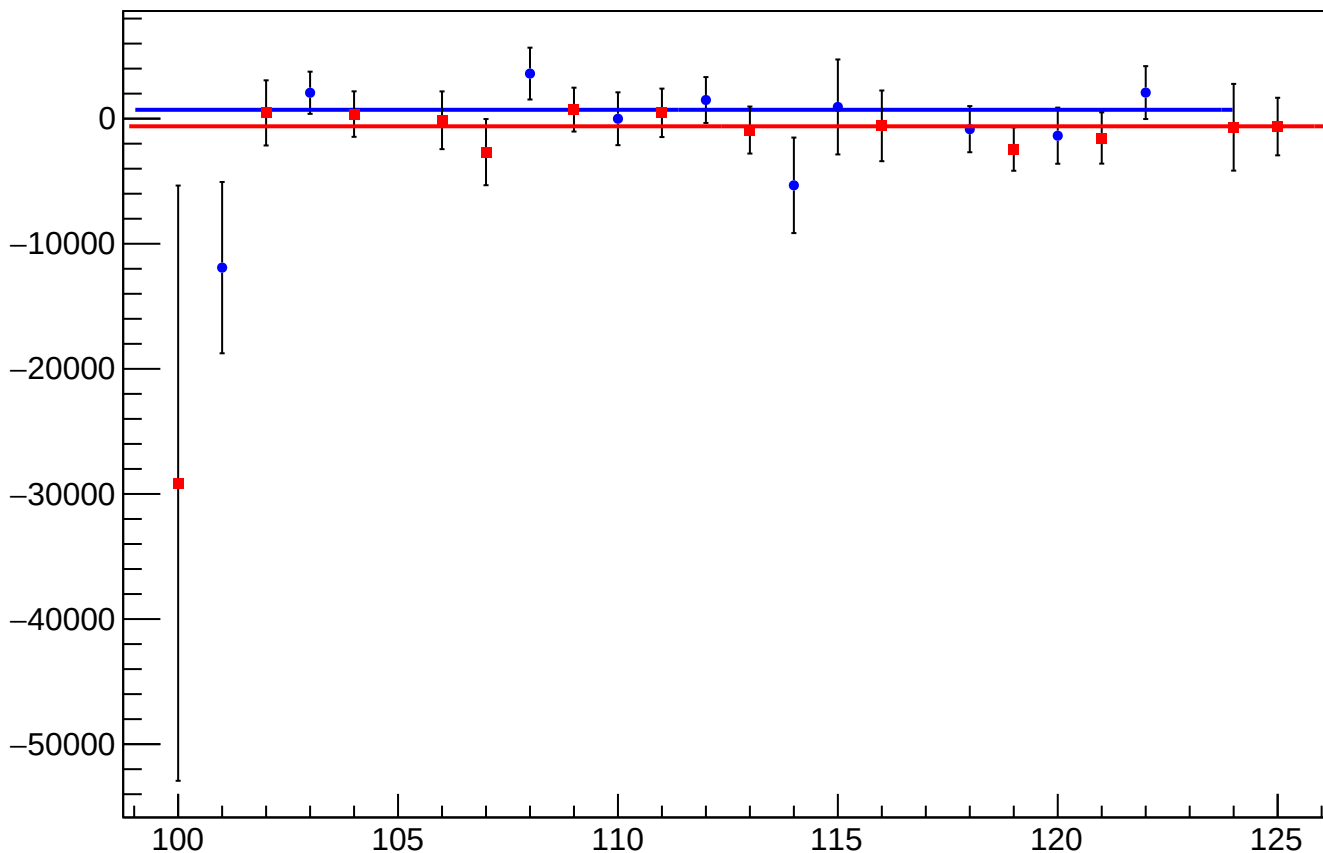
Right: 0.000+/-0.000 χ^2/NDF : 1451711.2/22

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 : 1451711.2/22

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: -610.870+/-617.173 χ^2 /NDF: 4.8/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

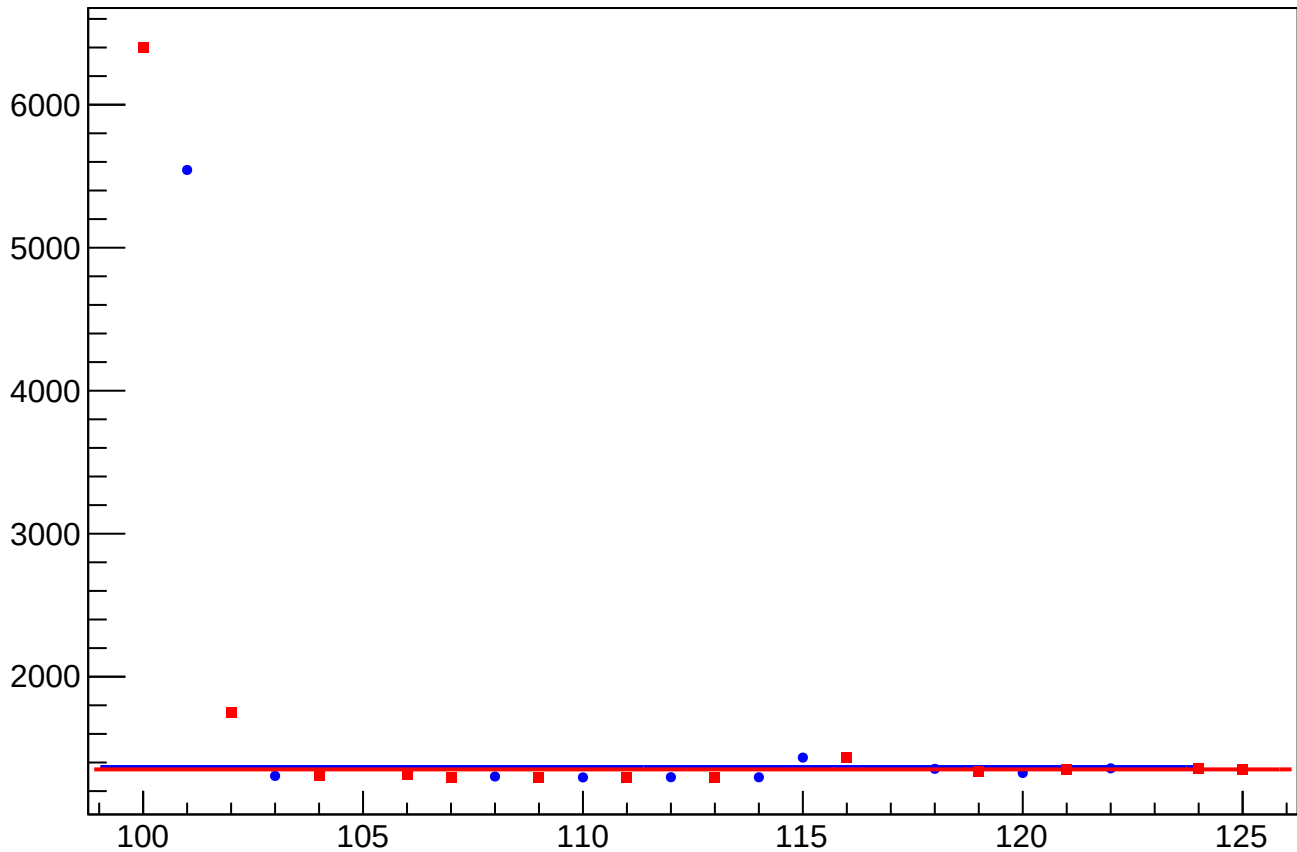
Right: -43.576+/-465.856 χ^2 /NDF: 17.5/22

In: 707.669+/-710.222 χ^2 /NDF:10.8/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -43.576+/-465.856 χ^2 /NDF: 17.5/22

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: 1351.869+/-0.436 χ^2/NDF : 146491.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

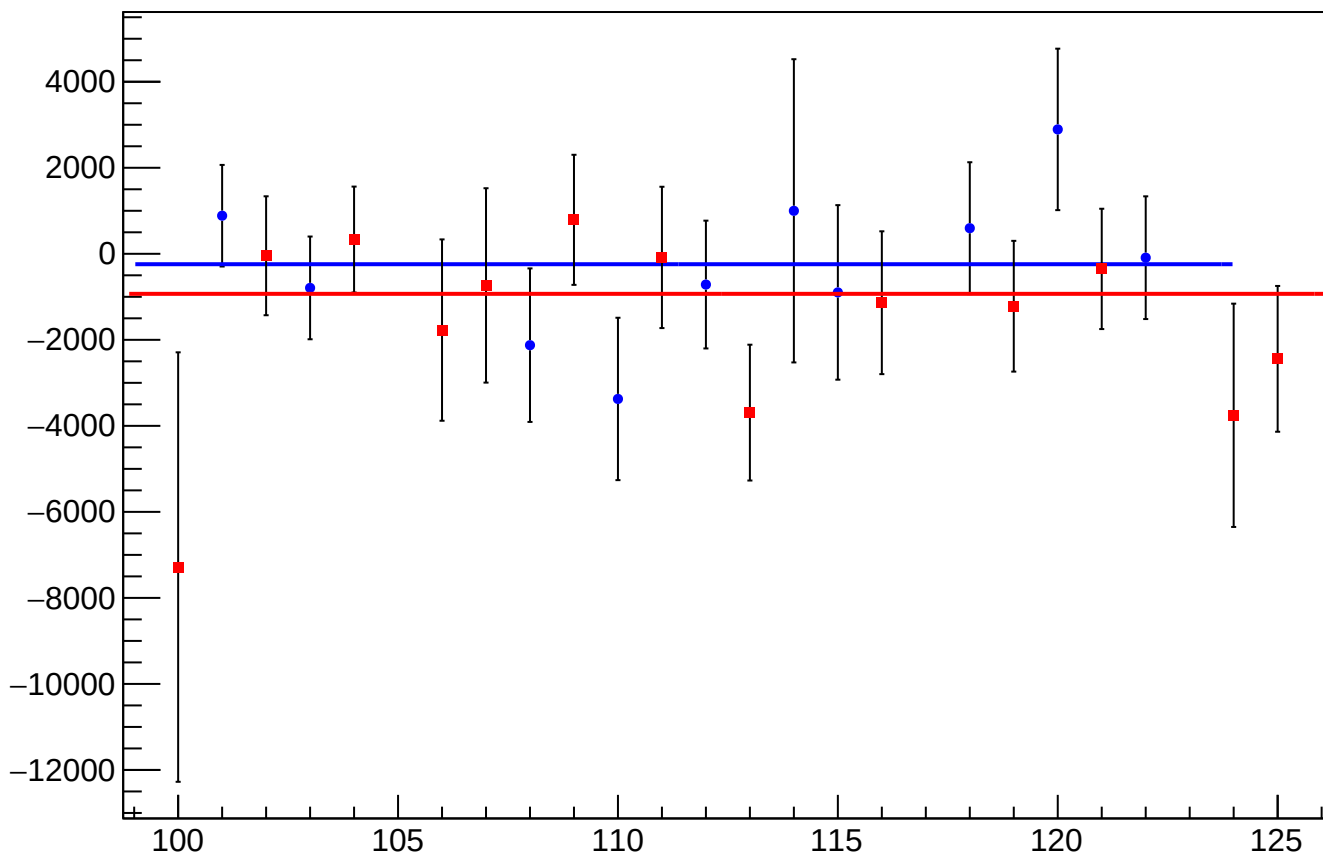
Right: 1358.983+/-0.329 χ^2/NDF : 903114.8/22

In: 1368.403+/-0.502 χ^2/NDF : 756006.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1358.983+/-0.329 χ^2/NDF : 903114.8/22

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: -930.831+/-463.427 χ^2/NDF : 10.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

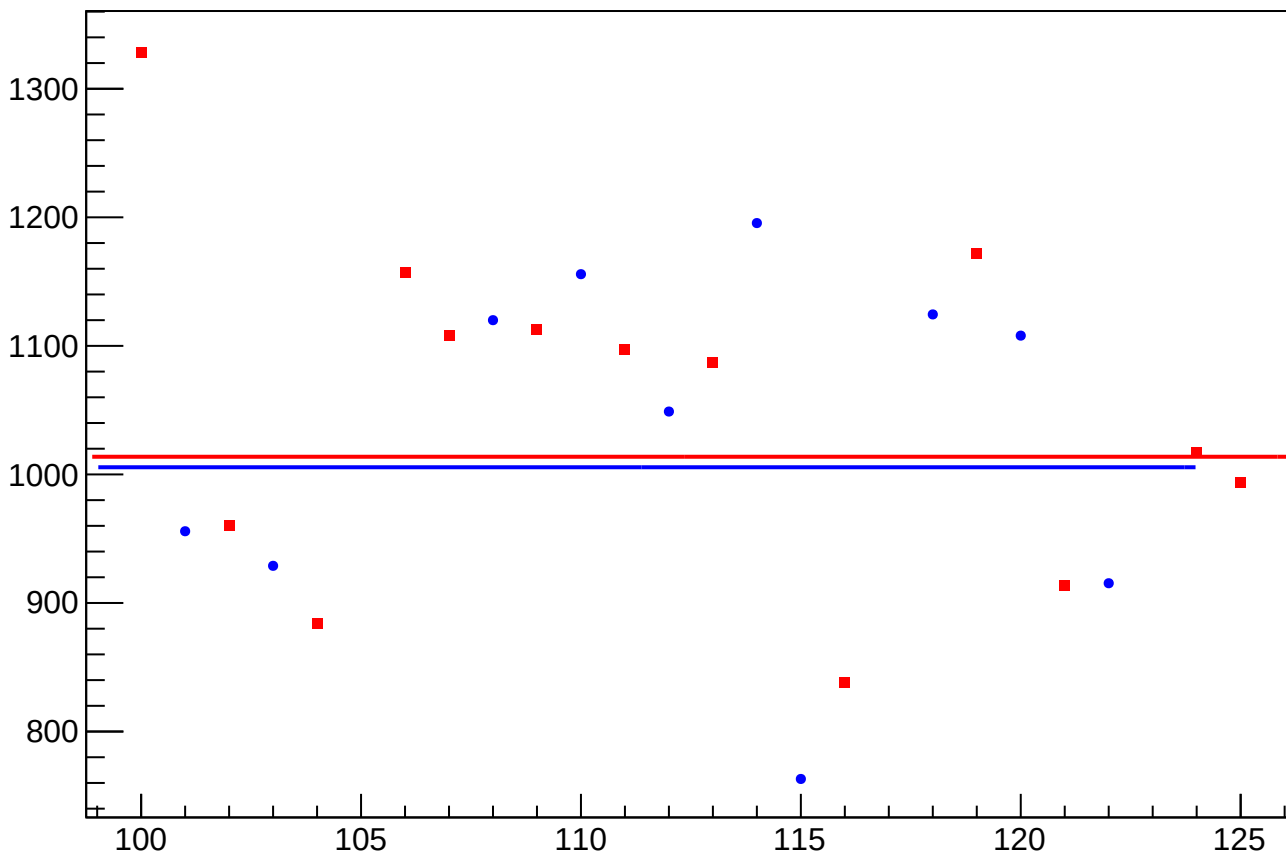
Right: -612.982+/-340.073 χ^2/NDF : 19.5/22

In: -242.107+/-500.592 χ^2/NDF : 8.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -612.982+/-340.073 χ^2/NDF : 19.5/22

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: 1013.751+/-0.328 χ^2/NDF : 118655.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

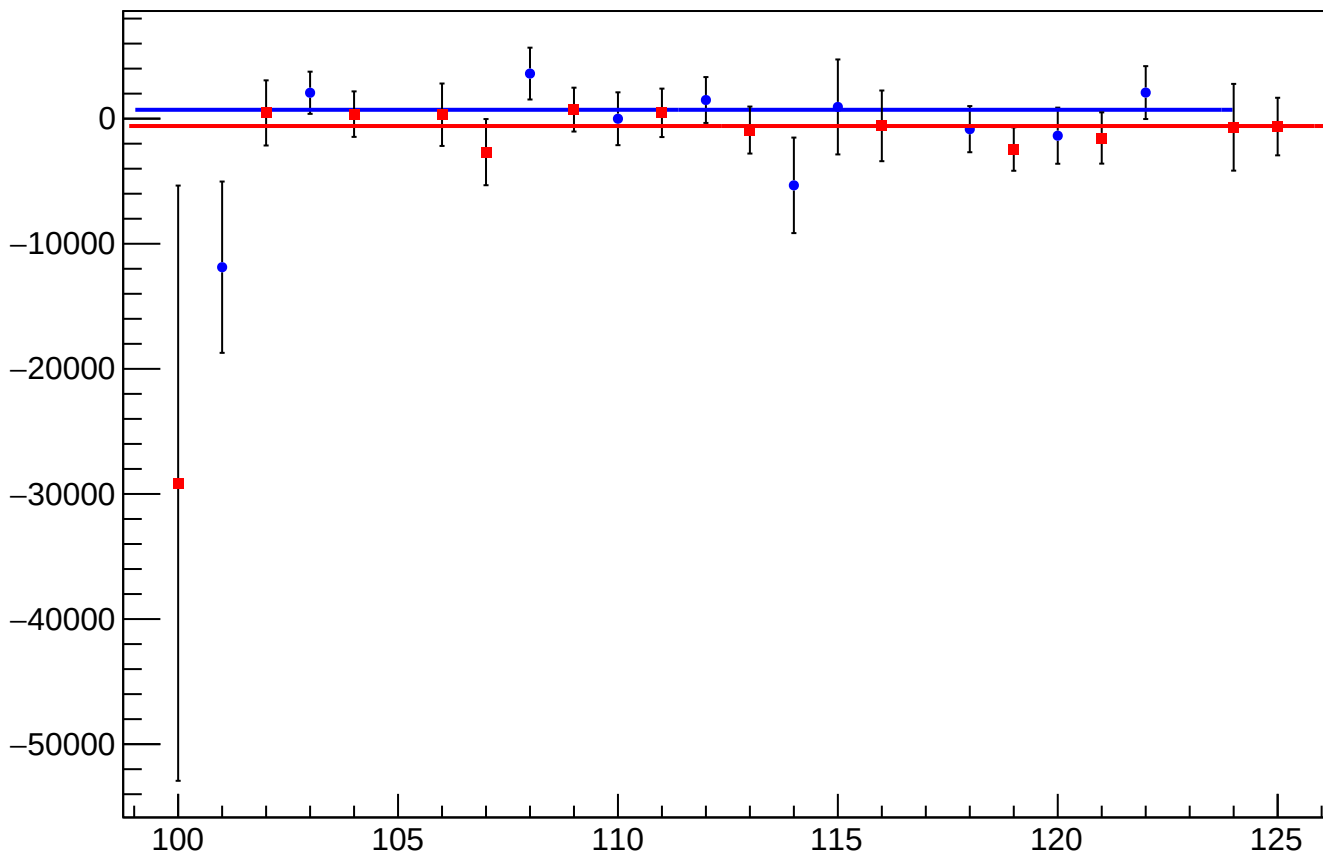
Right: 1009.979+/-0.240 χ^2/NDF : 213685.8/22

In: 1005.579+/-0.354 χ^2/NDF : 94743.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1009.979+/-0.240 χ^2/NDF : 213685.8/22

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: -588.980+/-620.378 χ^2/NDF : 4.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

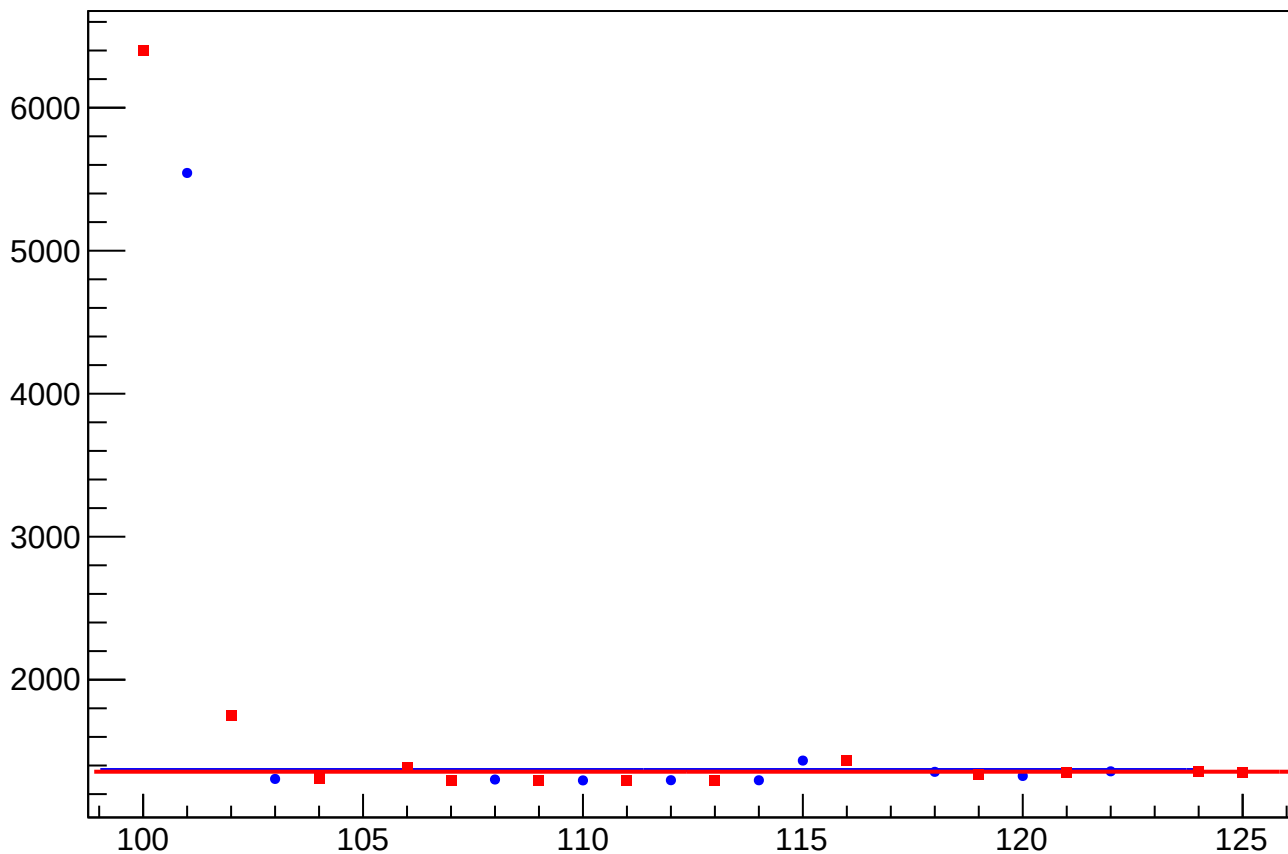
Right: -27.616+/-467.230 χ^2/NDF : 17.5/22

In: 708.116+/-710.222 χ^2/NDF :10.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -27.616+/-467.230 χ^2/NDF : 17.5/22

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: 1356.634+/-0.439 χ^2/NDF : 146367.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

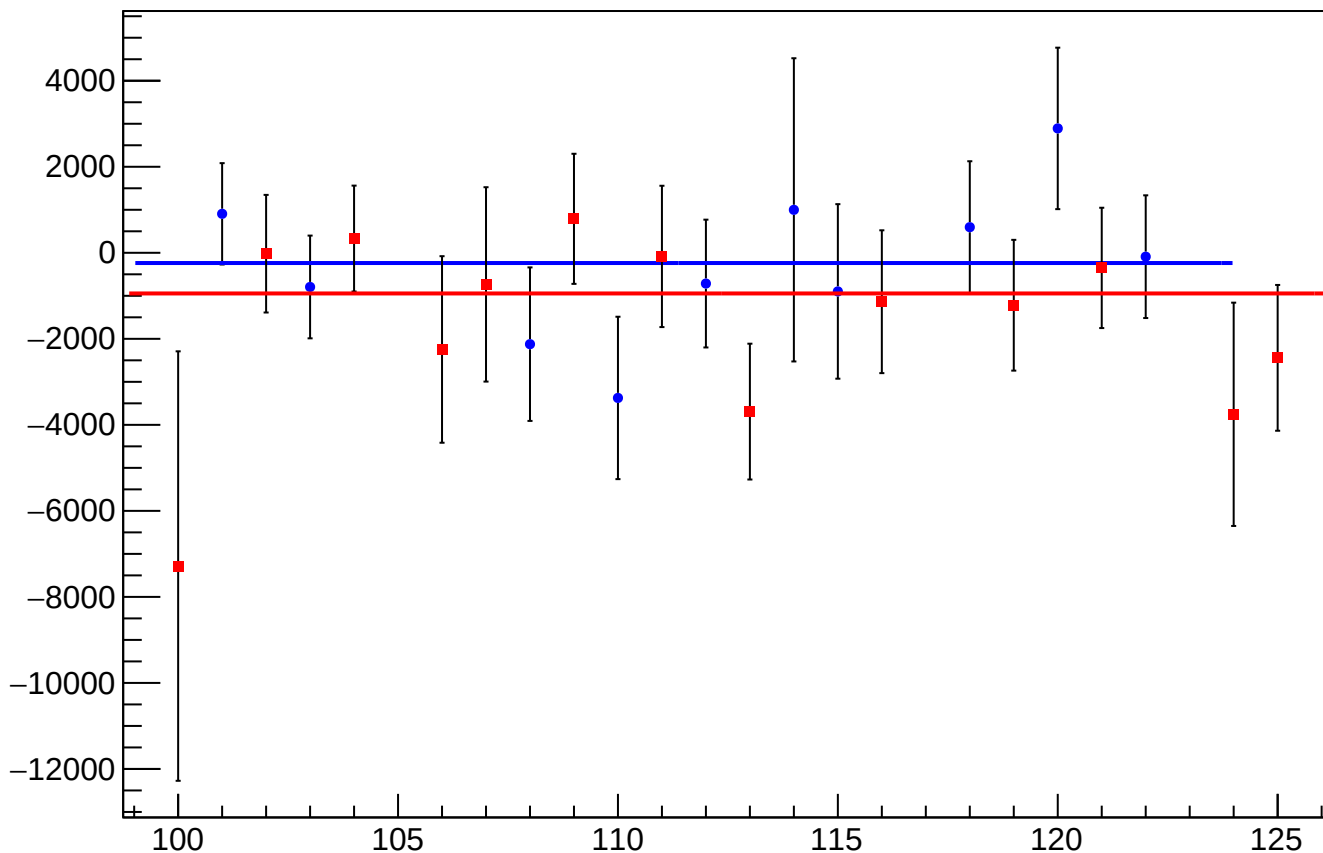
Right: 1361.727+/-0.330 χ^2/NDF : 902684.4/22

In: 1368.403+/-0.502 χ^2/NDF : 756005.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1361.727+/-0.330 χ^2/NDF : 902684.4/22

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: -945.170+/-463.444 χ^2/NDF : 10.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

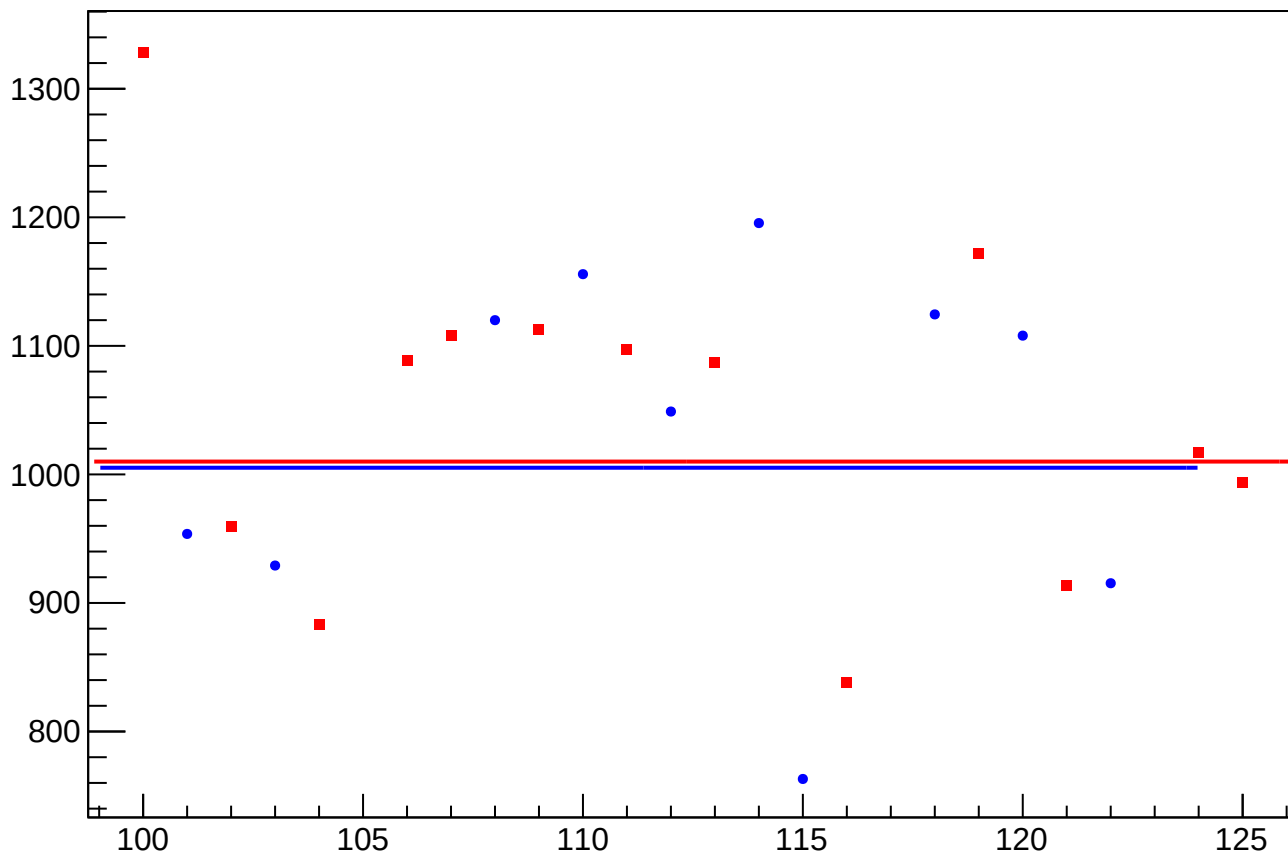
Right: -618.564+/-340.021 χ^2/NDF : 19.8/22

In: -237.784+/-500.406 χ^2/NDF : 8.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -618.564+/-340.021 χ^2/NDF : 19.8/22

asym_usr_atr1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1005.197 $\pm$ 0.354 χ^2 /NDF: 95024.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1009.990 $\pm$ 0.328 χ^2 /NDF: 111849.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

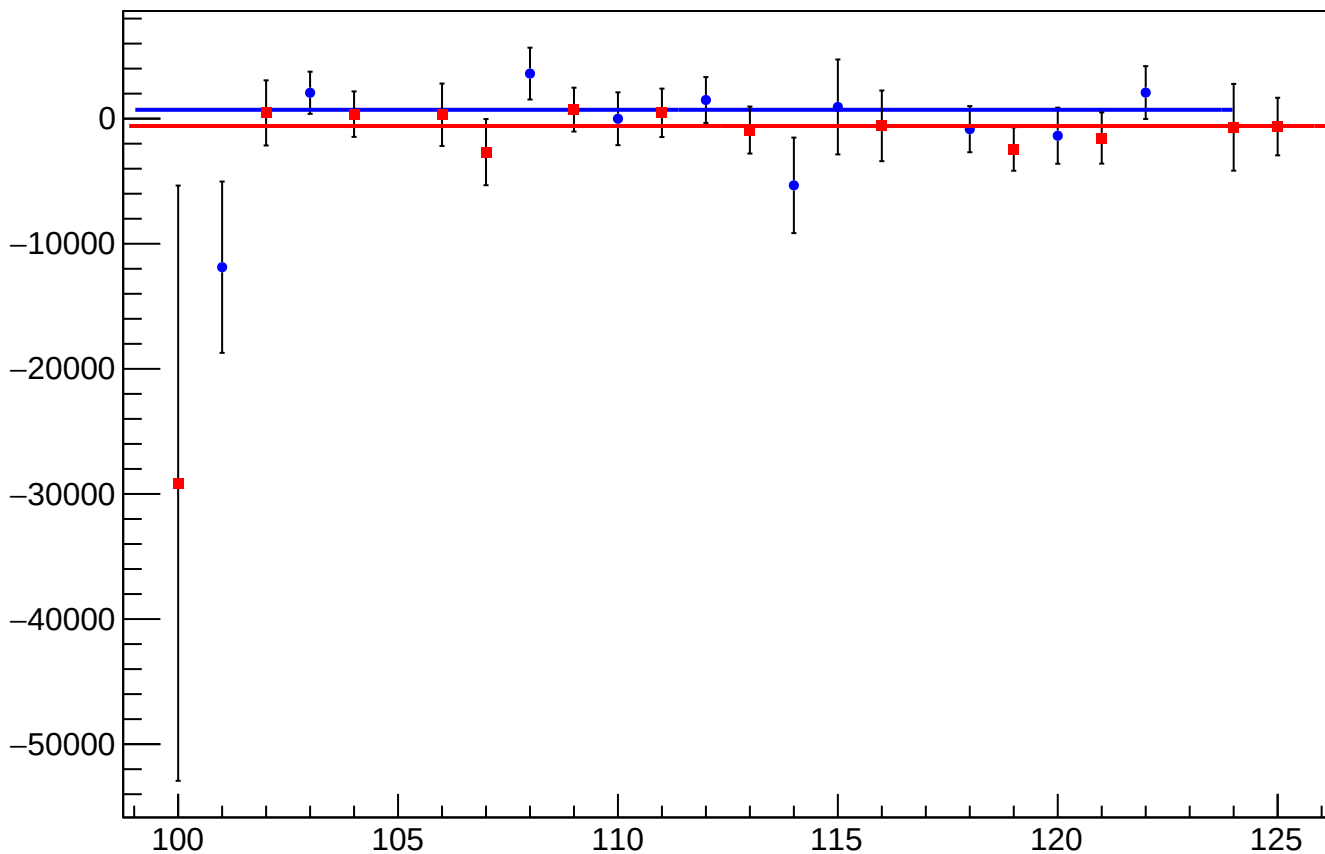
Right: 1007.777 $\pm$ 0.240 χ^2 /NDF: 206972.0/22

In: 1005.197 $\pm$ 0.354 χ^2 /NDF:95024.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1007.777 $\pm$ 0.240 χ^2 /NDF: 206972.0/22

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: -588.980+/-620.378 χ^2 /NDF: 4.9/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

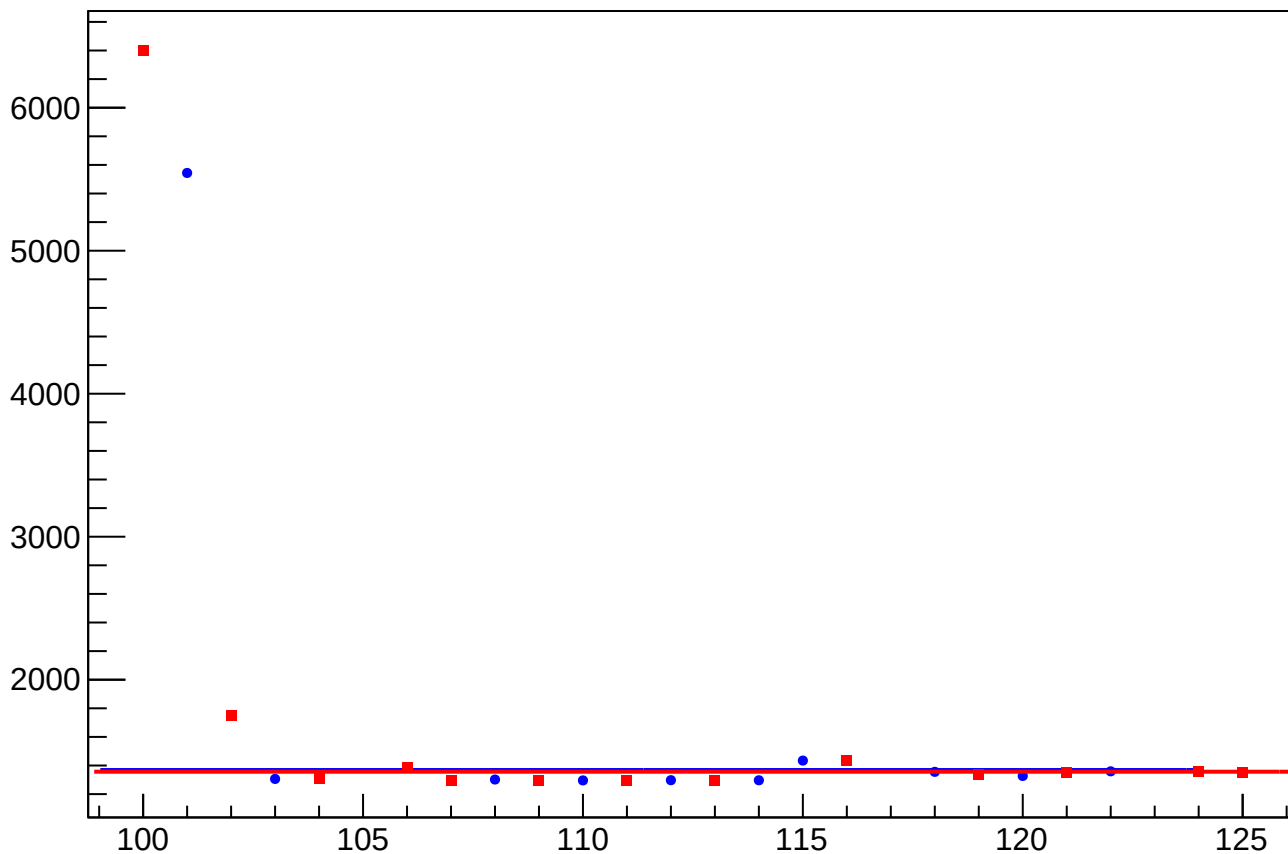
Right: -27.616+/-467.230 χ^2 /NDF: 17.5/22

In: 708.116+/-710.222 χ^2 /NDF:10.8/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -27.616+/-467.230 χ^2 /NDF: 17.5/22

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: 1356.634+/-0.439 χ^2/NDF : 146367.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

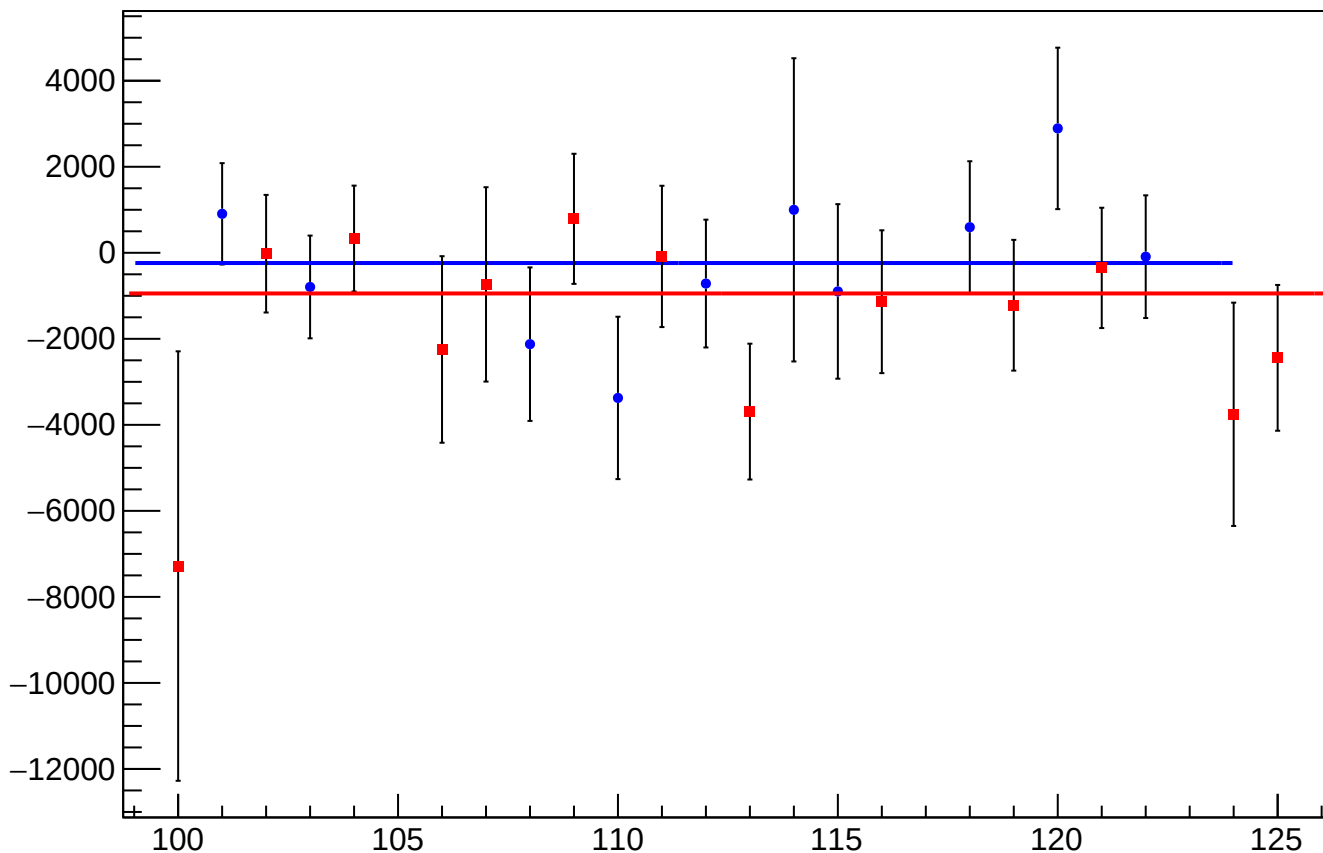
Right: 1361.727+/-0.330 χ^2/NDF : 902684.4/22

In: 1368.403+/-0.502 χ^2/NDF : 756005.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1361.727+/-0.330 χ^2/NDF : 902684.4/22

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: -945.170+/-463.444 χ^2/NDF : 10.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

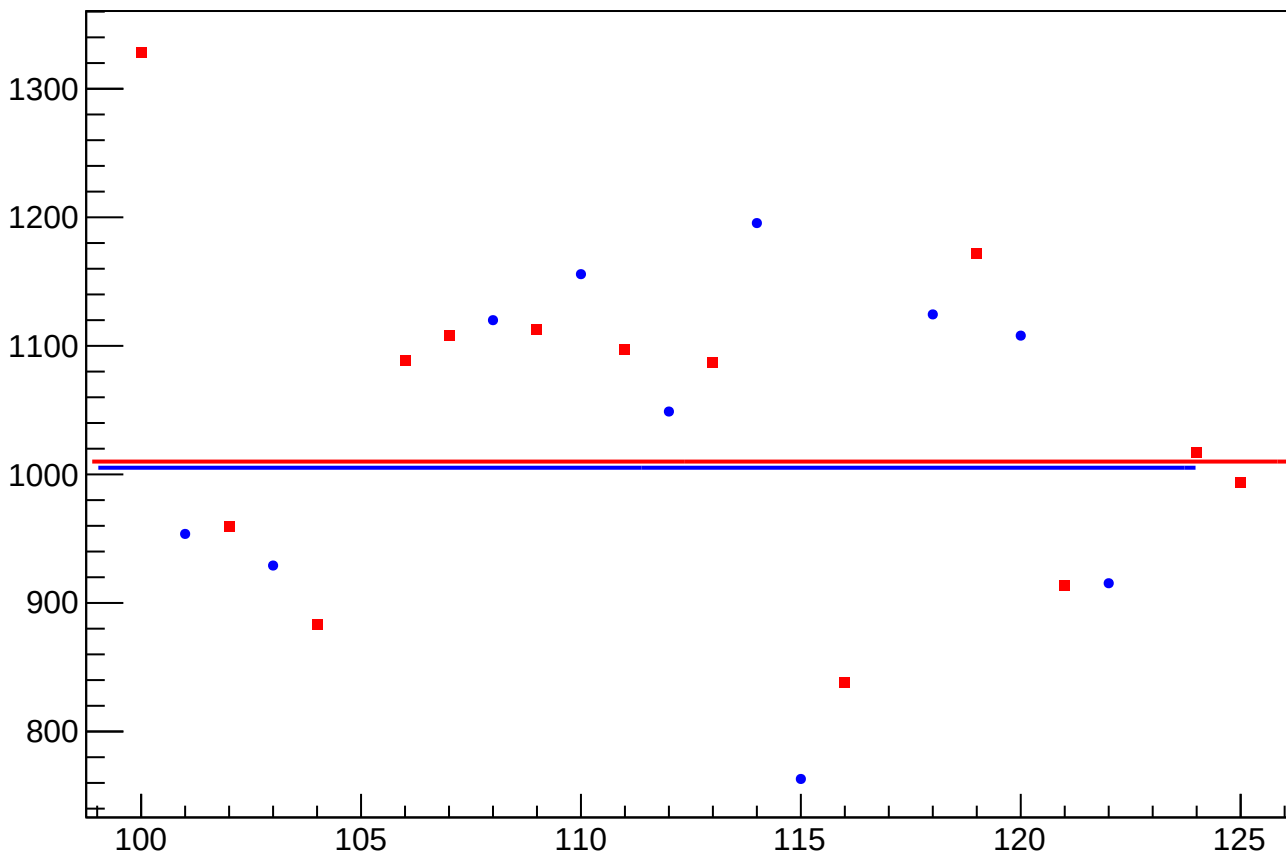
Right: -618.564+/-340.021 χ^2/NDF : 19.8/22

In: -237.784+/-500.406 χ^2/NDF : 8.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -618.564+/-340.021 χ^2/NDF : 19.8/22

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: 1009.990+/-0.328 χ^2/NDF : 111849.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

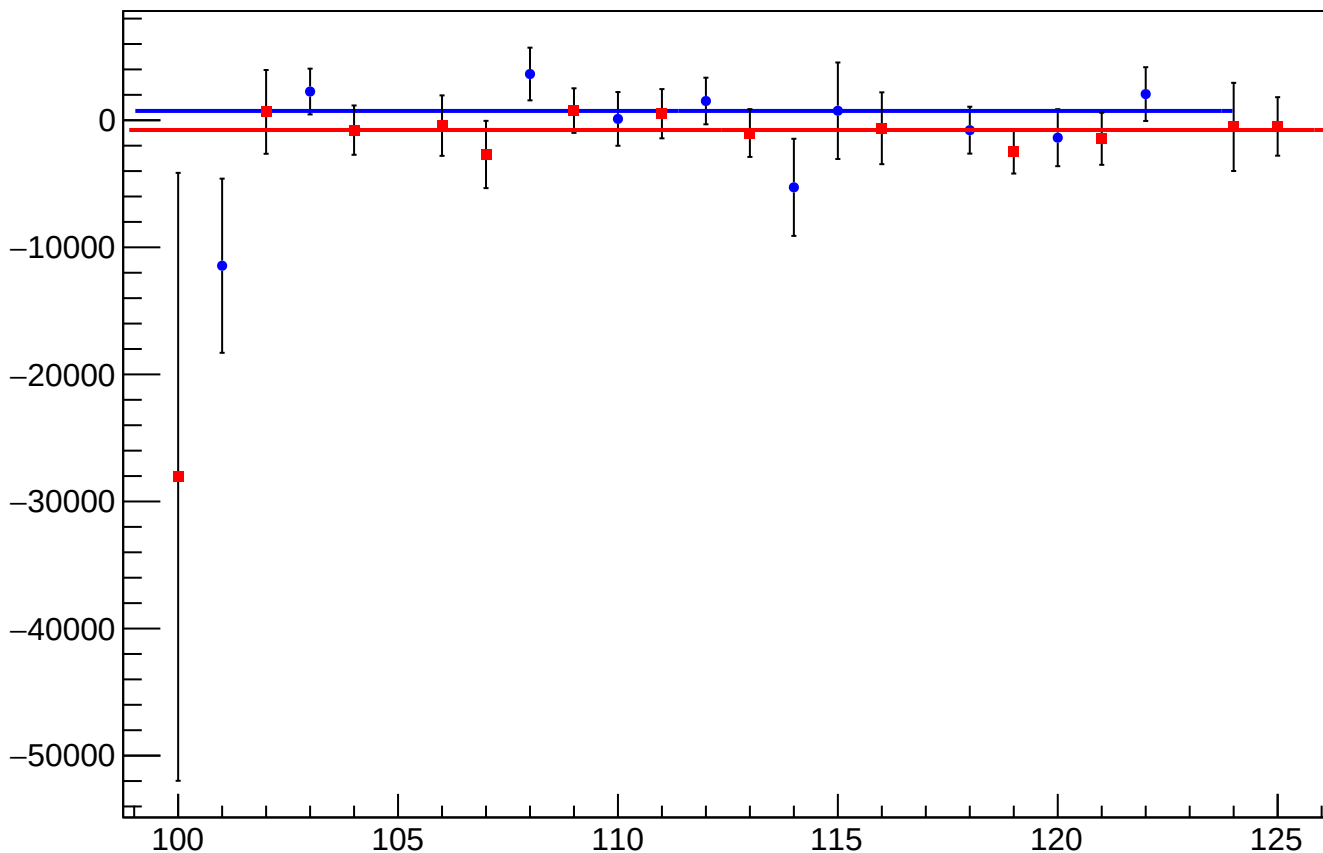
Right: 1007.777+/-0.240 χ^2/NDF : 206972.0/22

In: 1005.197+/-0.354 χ^2/NDF :95024.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1007.777+/-0.240 χ^2/NDF : 206972.0/22

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: -766.275+/-630.004 χ^2/NDF : 4.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

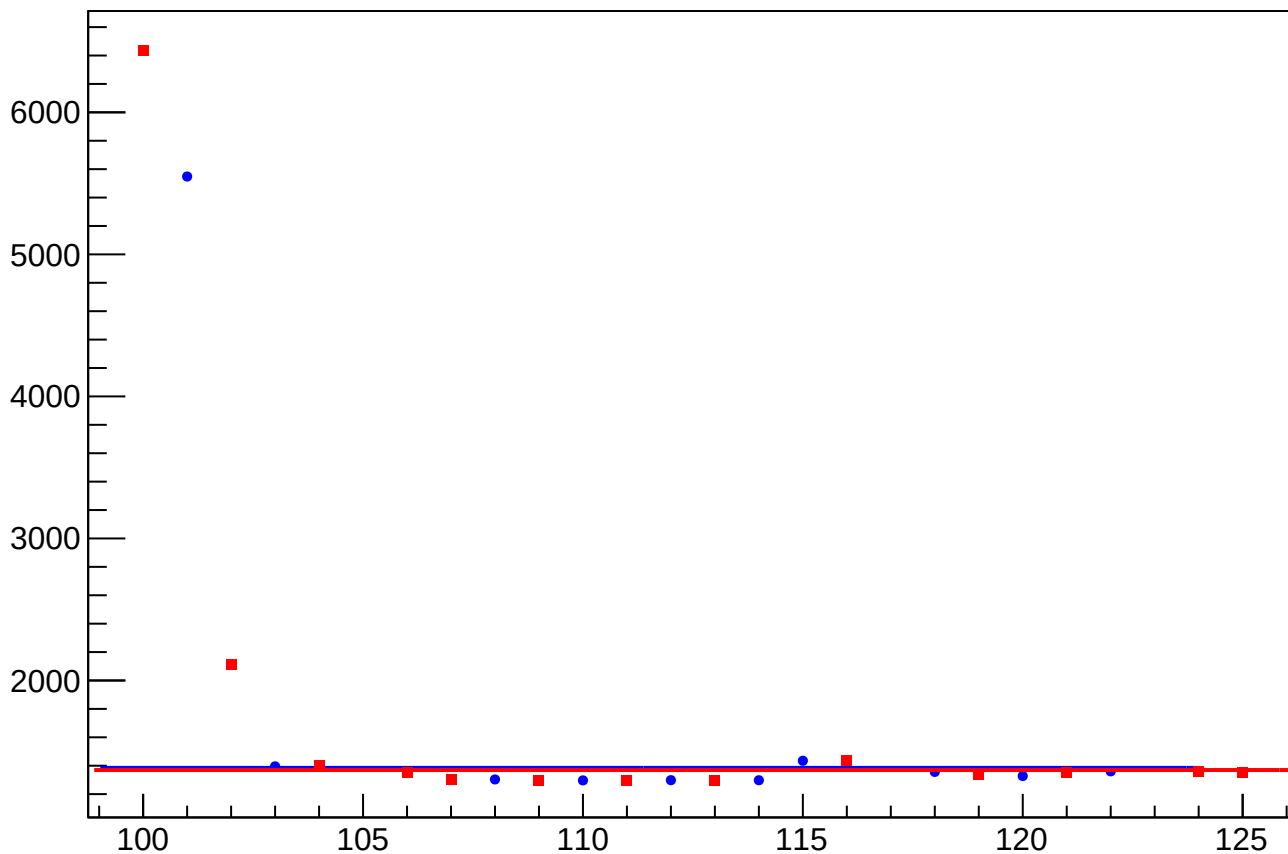
Right: -114.245+/-473.705 χ^2/NDF : 17.3/22

In: 733.901+/-718.530 χ^2/NDF : 10.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -114.245+/-473.705 χ^2/NDF : 17.3/22

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: 1369.527+/-0.445 χ^2/NDF : 203586.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

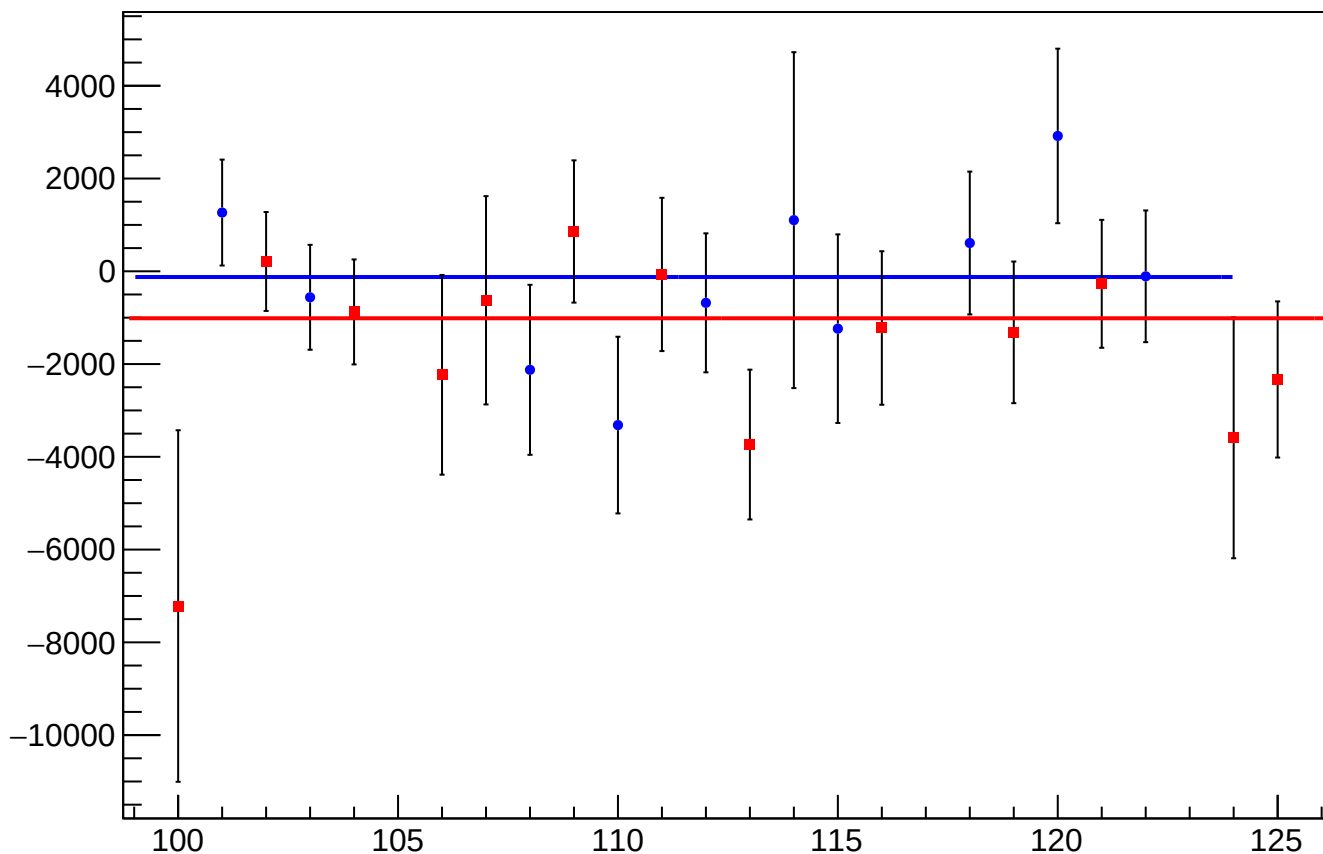
Right: 1376.134+/-0.335 χ^2/NDF : 956924.1/22

In: 1384.727+/-0.508 χ^2/NDF : 752831.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1376.134+/-0.335 χ^2/NDF : 956924.1/22

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: -1012.907+/-441.072 χ^2/NDF : 11.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

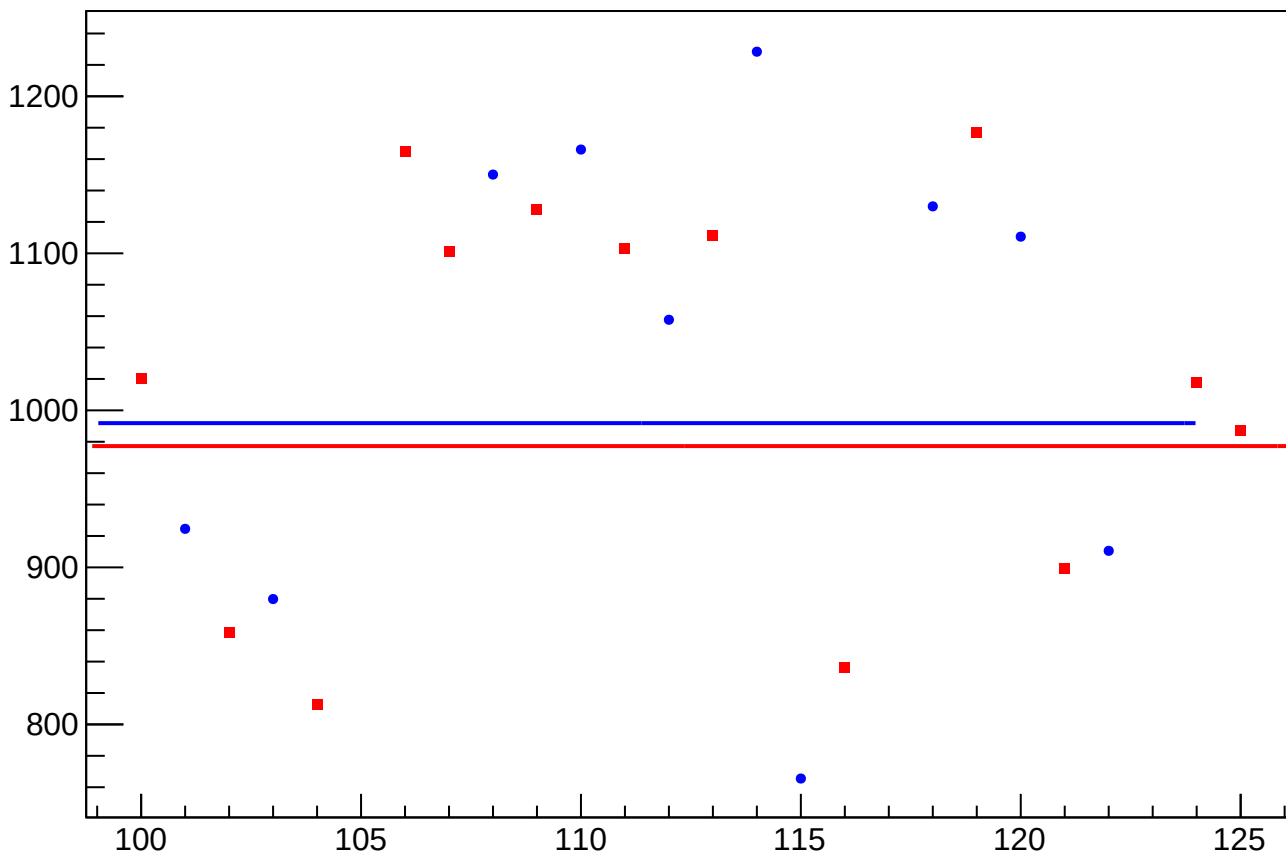
Right: -618.960+/-329.223 χ^2/NDF : 21.8/22

In: -123.359+/-494.716 χ^2/NDF : 9.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -618.960+/-329.223 χ^2/NDF : 21.8/22

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: 977.243+/-0.312 χ^2/NDF : 188874.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

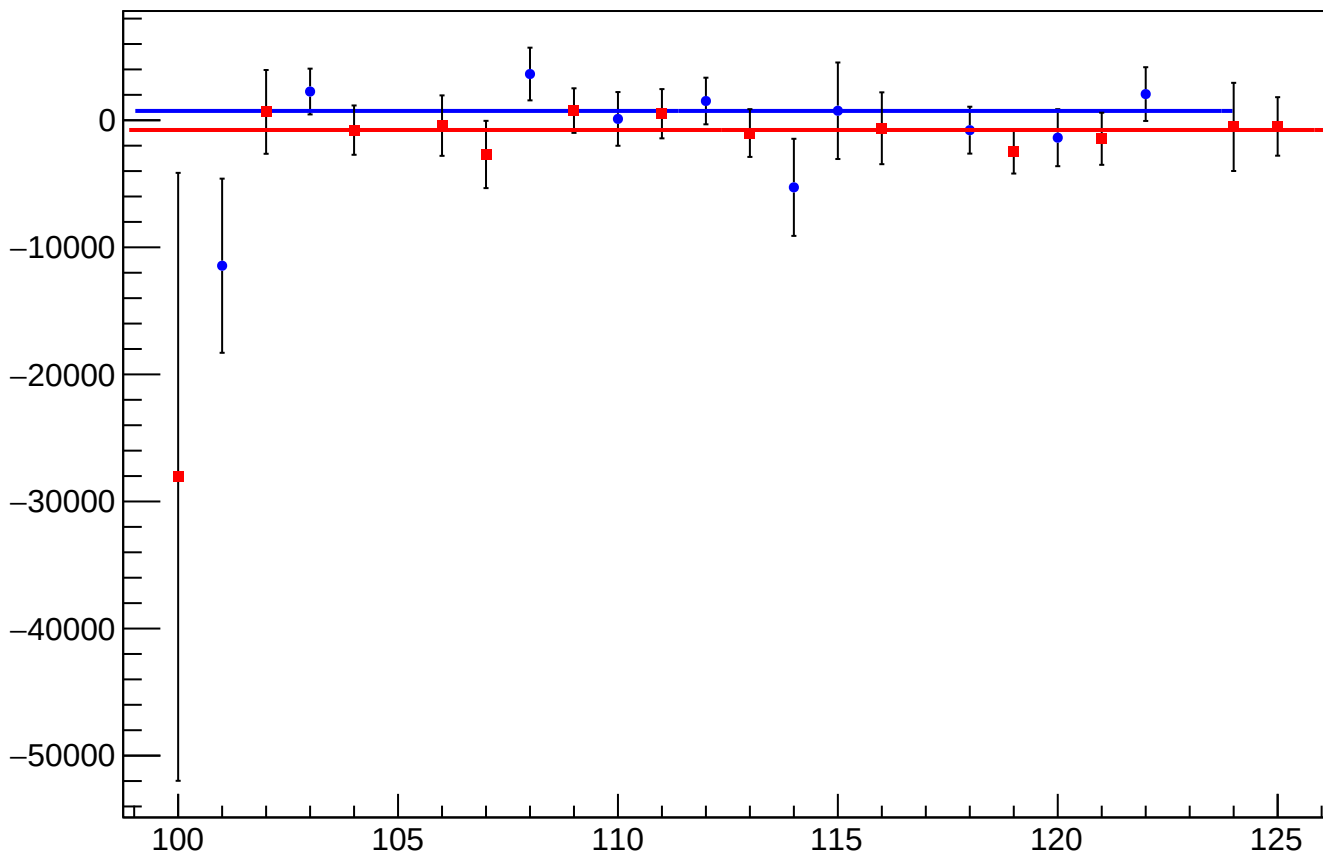
Right: 983.717+/-0.233 χ^2/NDF : 315859.9/22

In: 991.862+/-0.350 χ^2/NDF : 126012.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 983.717+/-0.233 χ^2/NDF : 315859.9/22

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: -766.271+/-630.004 χ^2/NDF : 4.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

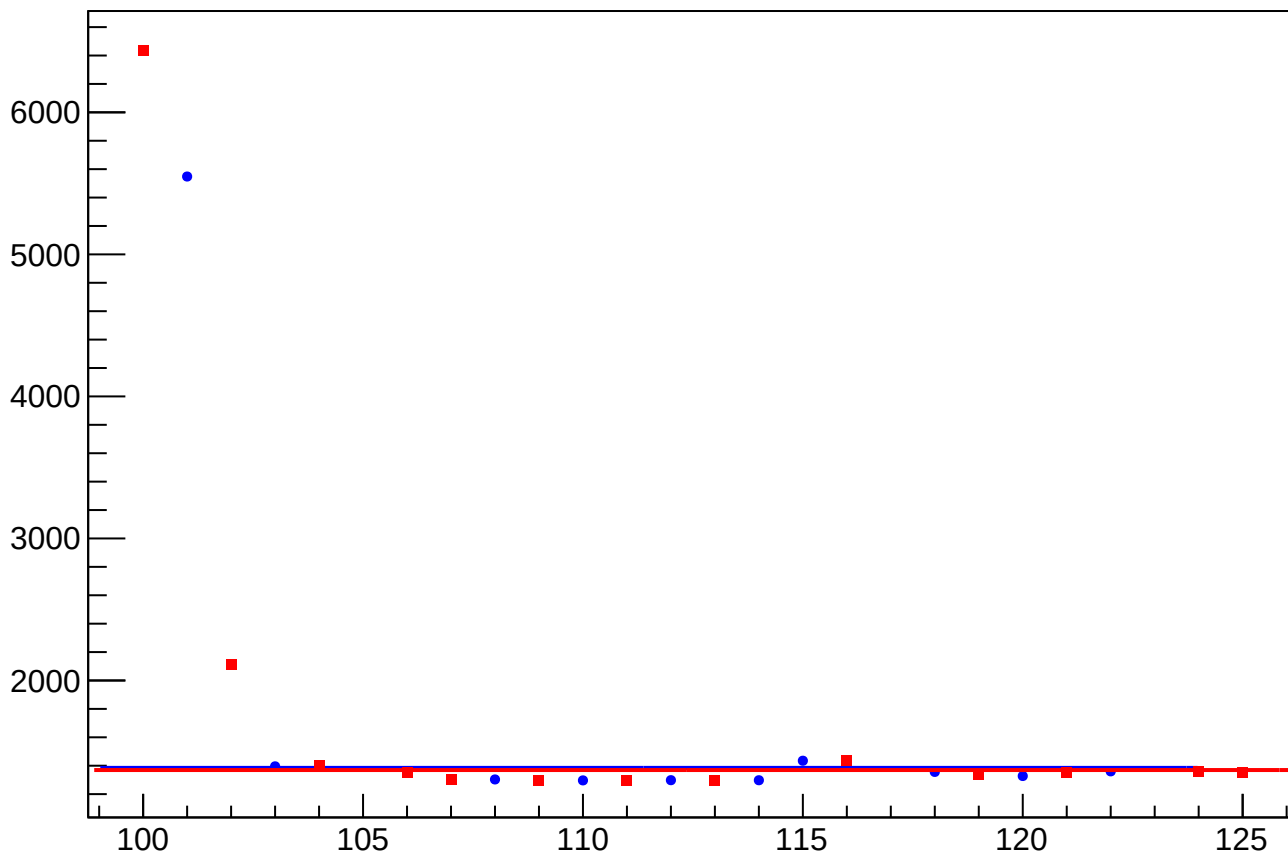
Right: -114.243+/-473.705 χ^2/NDF : 17.3/22

In: 733.900+/-718.530 χ^2/NDF : 10.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -114.243+/-473.705 χ^2/NDF : 17.3/22

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: 1369.527+/-0.445 χ^2/NDF : 203586.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

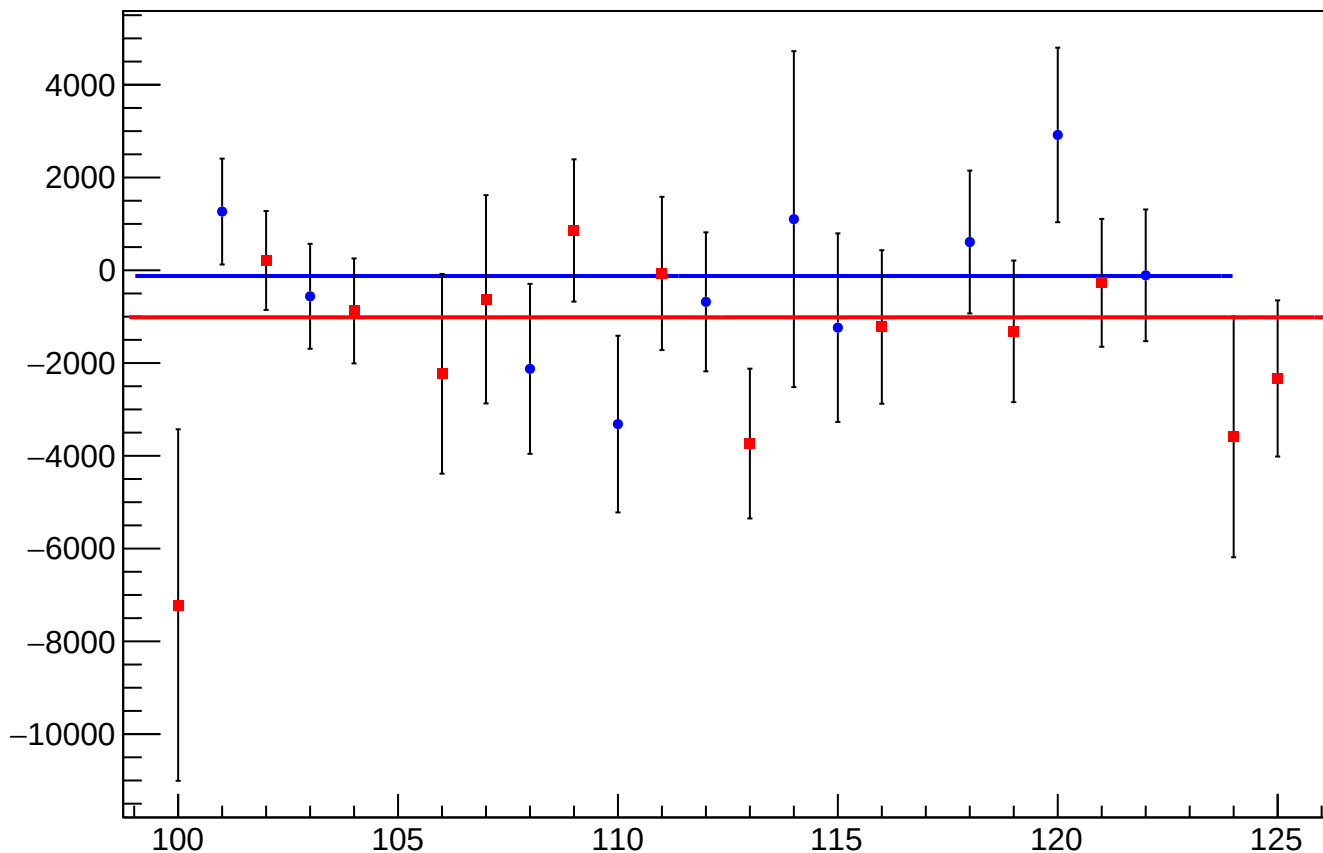
Right: 1376.134+/-0.335 χ^2/NDF : 956924.0/22

In: 1384.727+/-0.508 χ^2/NDF : 752831.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1376.134+/-0.335 χ^2/NDF : 956924.0/22

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: -1012.907+/-441.071 χ^2/NDF : 11.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

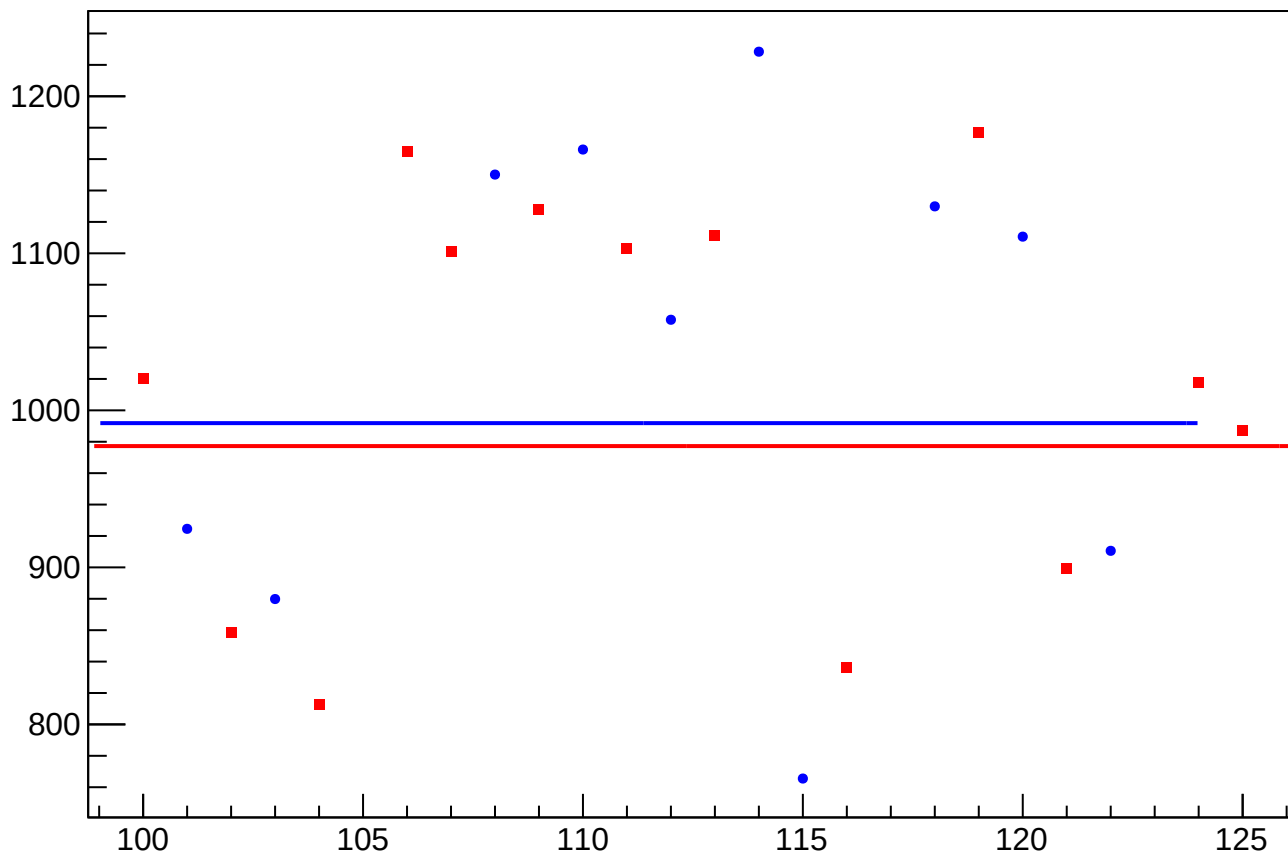
Right: -618.959+/-329.223 χ^2/NDF : 21.8/22

In: -123.358+/-494.715 χ^2/NDF : 9.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -618.959+/-329.223 χ^2/NDF : 21.8/22

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: 977.242+/-0.312 χ^2/NDF : 188870.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

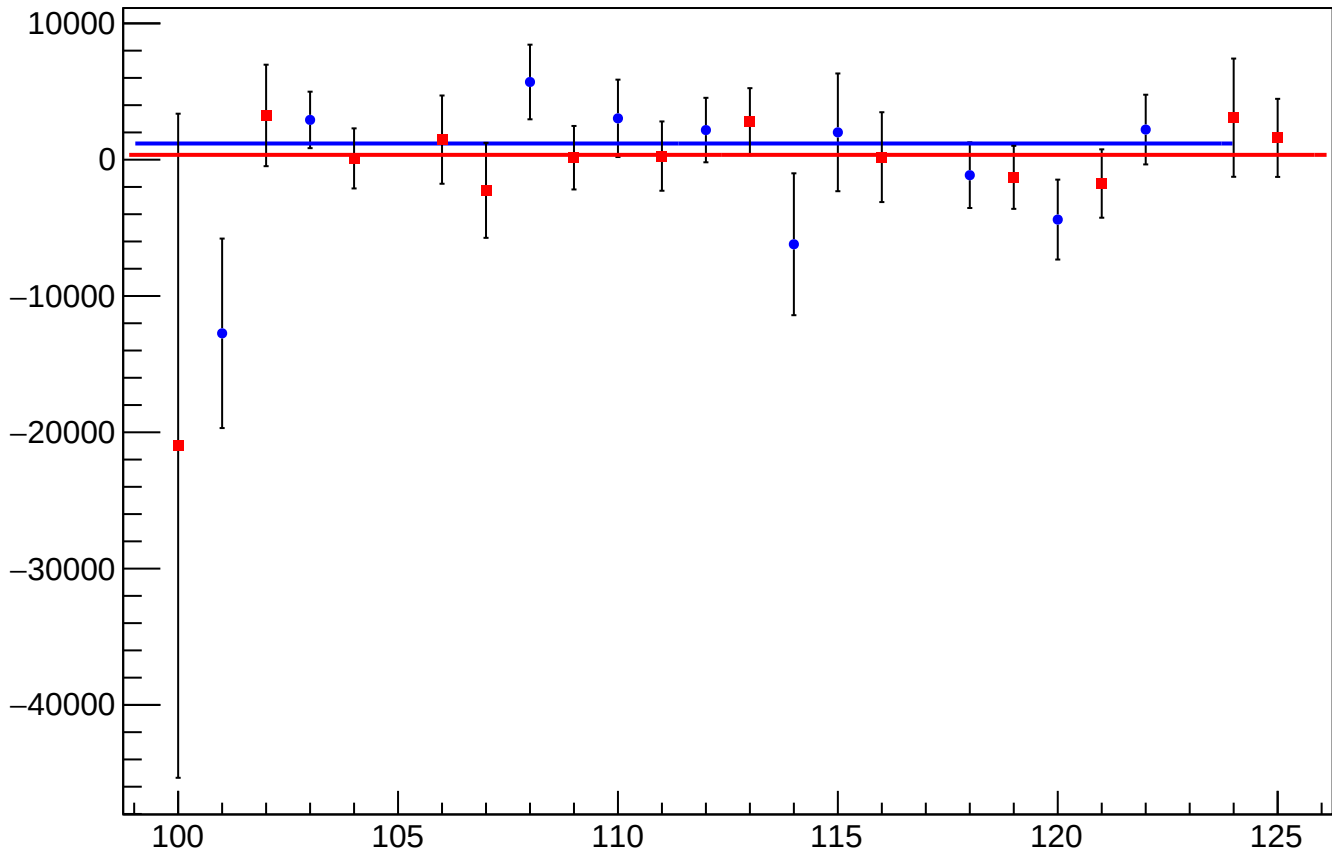
Right: 983.716+/-0.233 χ^2/NDF : 315852.9/22

In: 991.860+/-0.350 χ^2/NDF : 126009.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 983.716+/-0.233 χ^2/NDF : 315852.9/22

asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1187.641 $\pm$ 904.485 χ^2 /NDF: 14.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 354.299 $\pm$ 796.789 χ^2 /NDF: 4.9/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

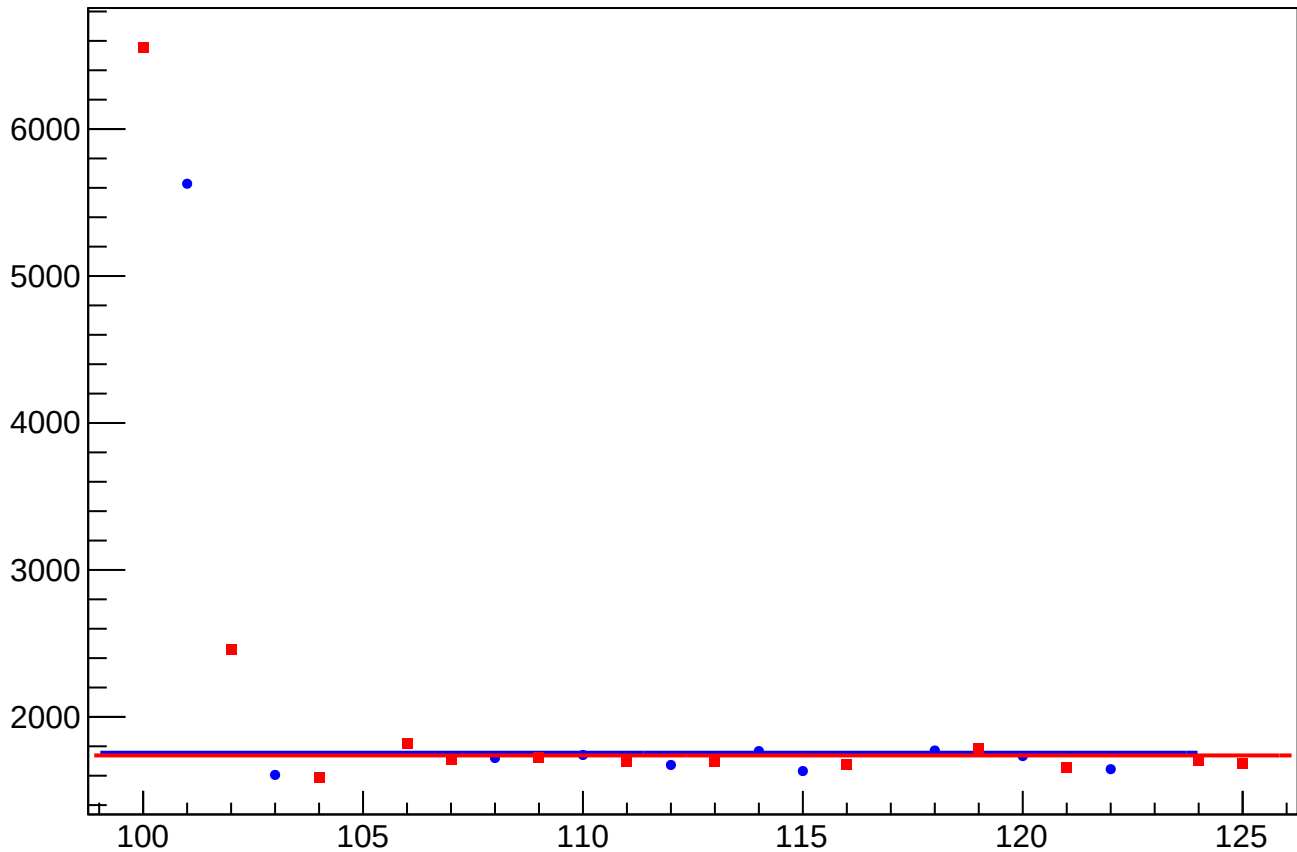
Right: 718.427 $\pm$ 597.884 χ^2 /NDF: 20.1/22

In: 1187.641 $\pm$ 904.485 χ^2 /NDF:14.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 718.427 $\pm$ 597.884 χ^2 /NDF: 20.1/22

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: 1737.859+/-0.563 χ^2/NDF : 169424.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

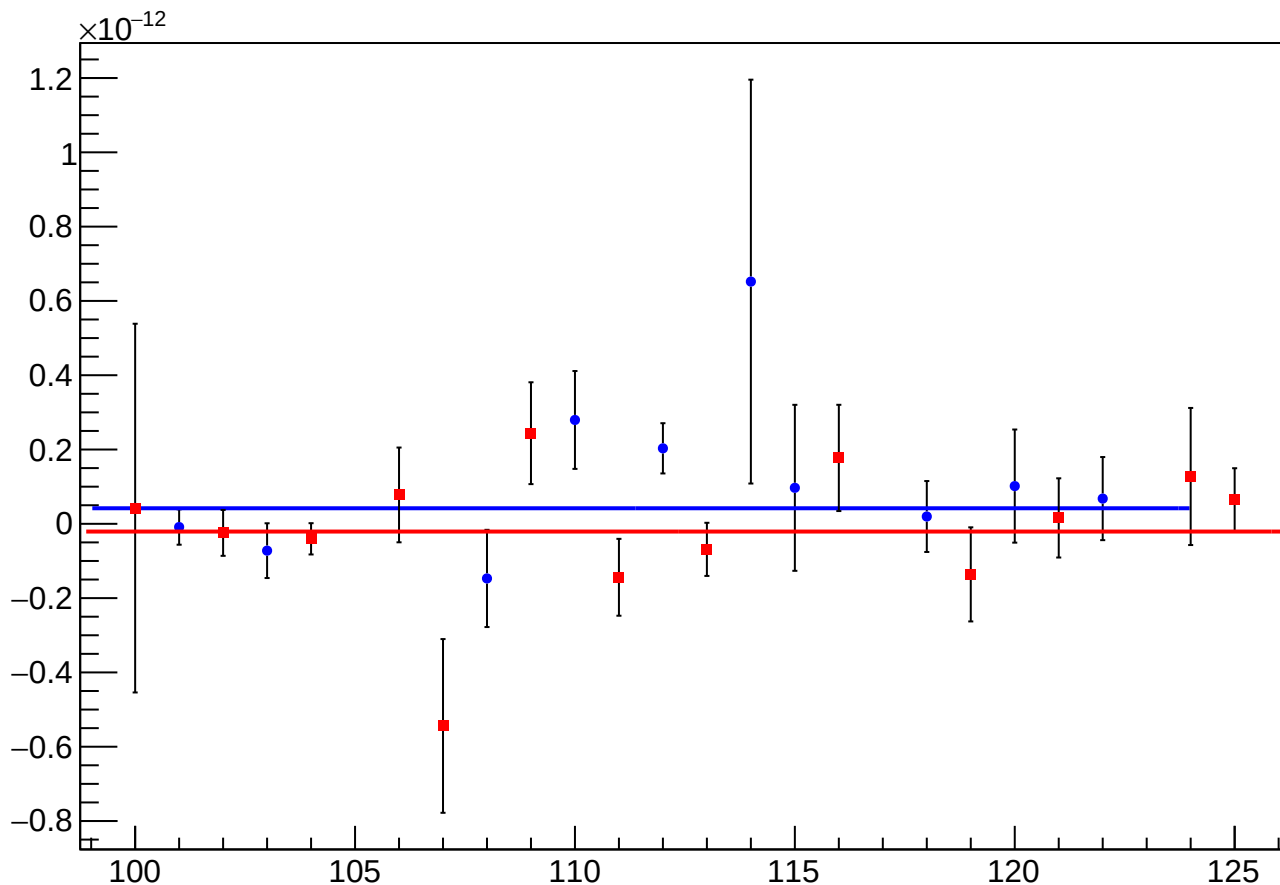
Right: 1745.881+/-0.423 χ^2/NDF : 809688.7/22

In: 1756.218+/-0.640 χ^2/NDF : 639800.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1745.881+/-0.423 χ^2/NDF : 809688.7/22

asym_usr_atr1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

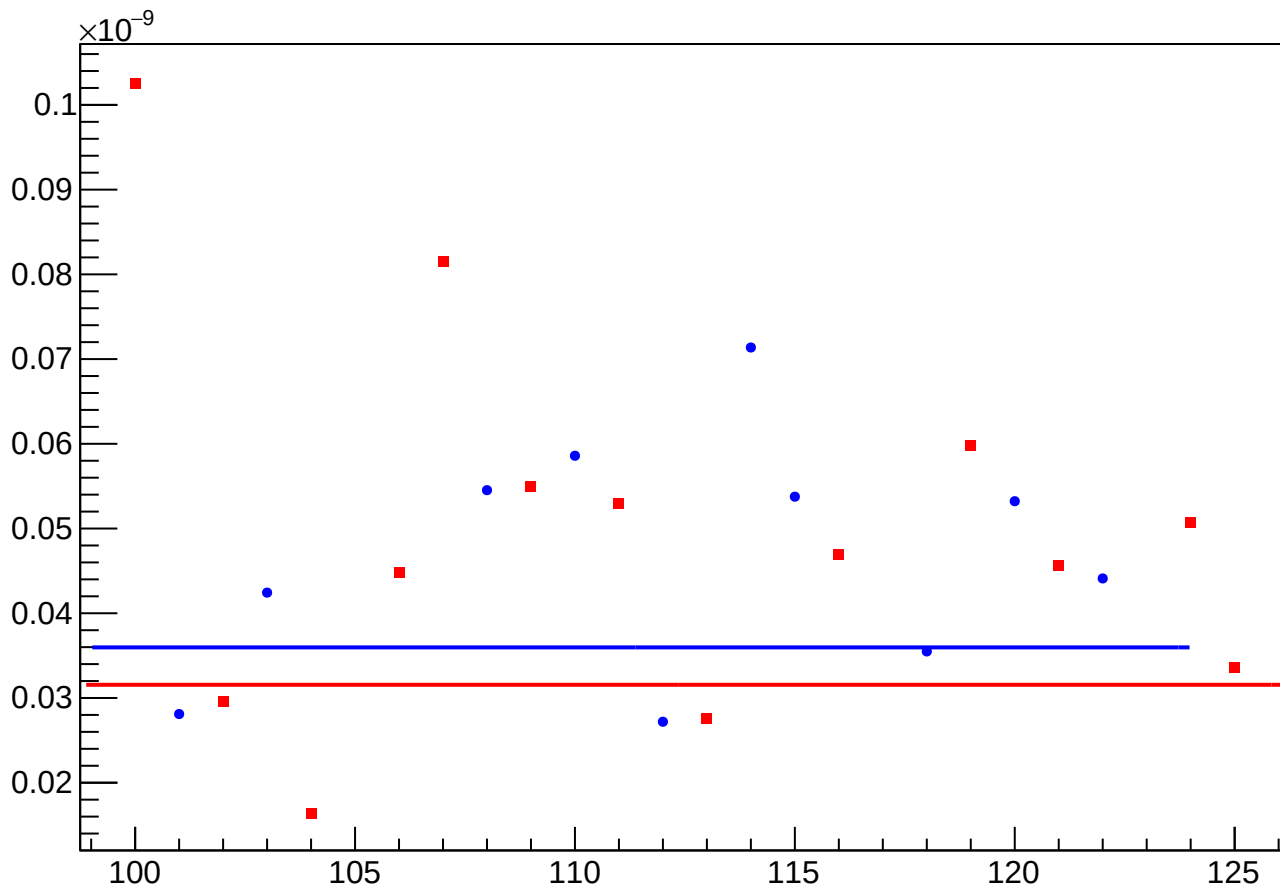
Right: 0.000+/-0.000 χ^2/NDF : 34.8/22

In: 0.000+/-0.000 χ^2/NDF : 16.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 34.8/22

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 : 747034.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

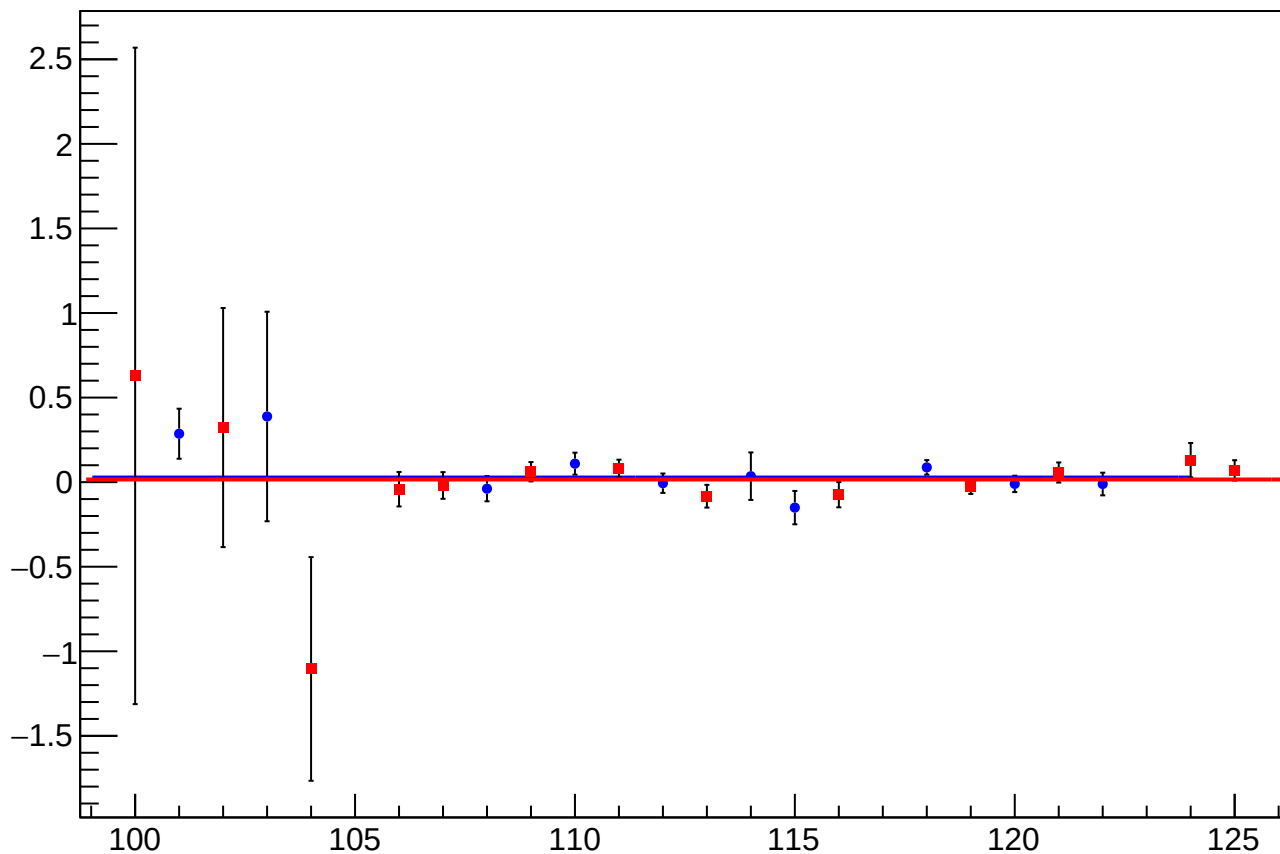
Right: 0.000+/-0.000 χ^2/NDF : 1034585.8/22

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 : 1034585.8/22

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: 0.016+/-0.020 χ^2/NDF : 13.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

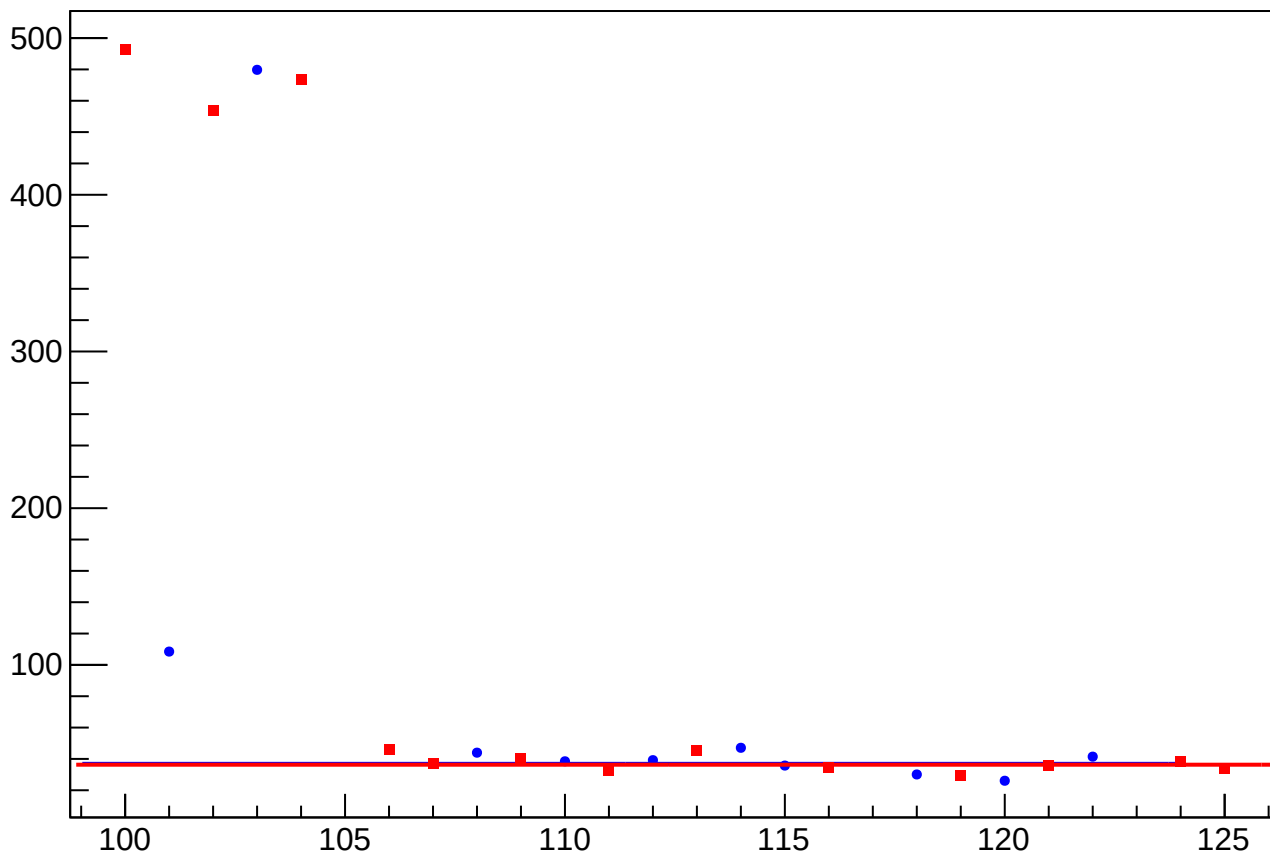
Right: 0.021+/-0.015 χ^2/NDF : 25.6/22

In: 0.027+/-0.022 χ^2/NDF : 12.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.015 χ^2/NDF : 25.6/22

asym_usr_atr1_dd_dit_vs_Slug, Sign Corrected



Right In: 36.855 $\pm$ 0.015 χ^2 /NDF: 1683432.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 36.303 $\pm$ 0.014 χ^2 /NDF: 1810527.9/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

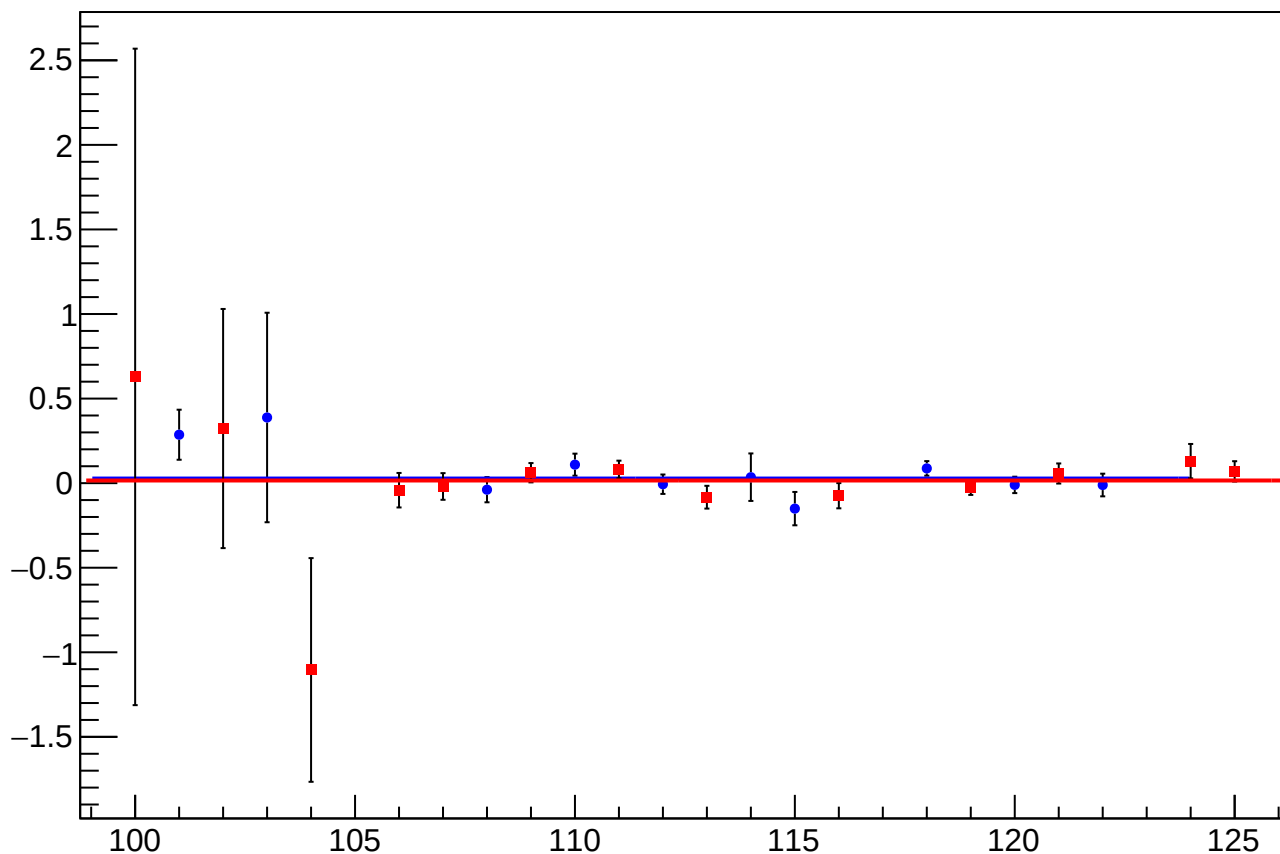
Right: 36.552 $\pm$ 0.010 χ^2 /NDF: 3494666.1/22

In: 36.855 $\pm$ 0.015 χ^2 /NDF:1683432.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 36.552 $\pm$ 0.010 χ^2 /NDF: 3494666.1/22

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: 0.016+/-0.020 χ^2/NDF : 13.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

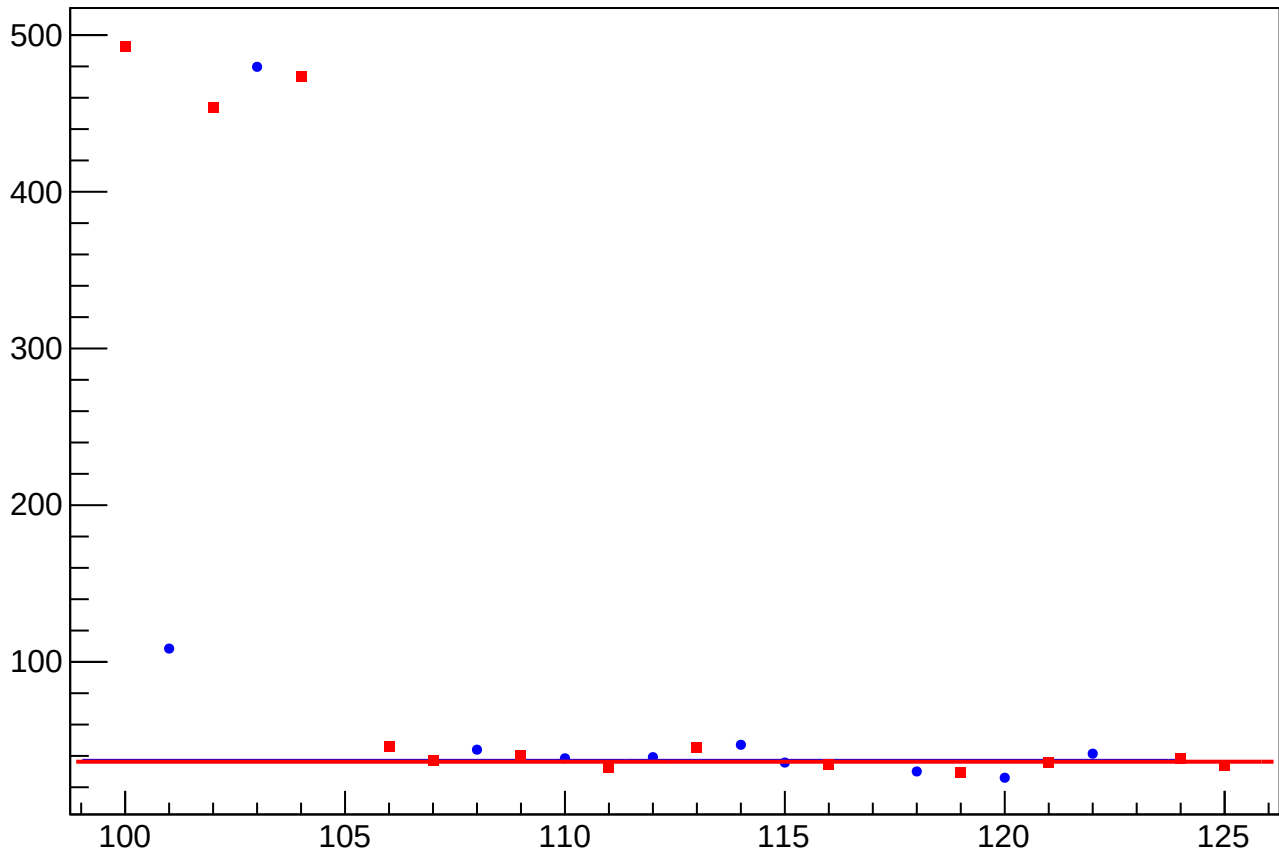
Right: 0.021+/-0.015 χ^2/NDF : 25.6/22

In: 0.027+/-0.022 χ^2/NDF : 12.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.015 χ^2/NDF : 25.6/22

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: 36.303+/-0.014 χ^2/NDF : 1810527.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

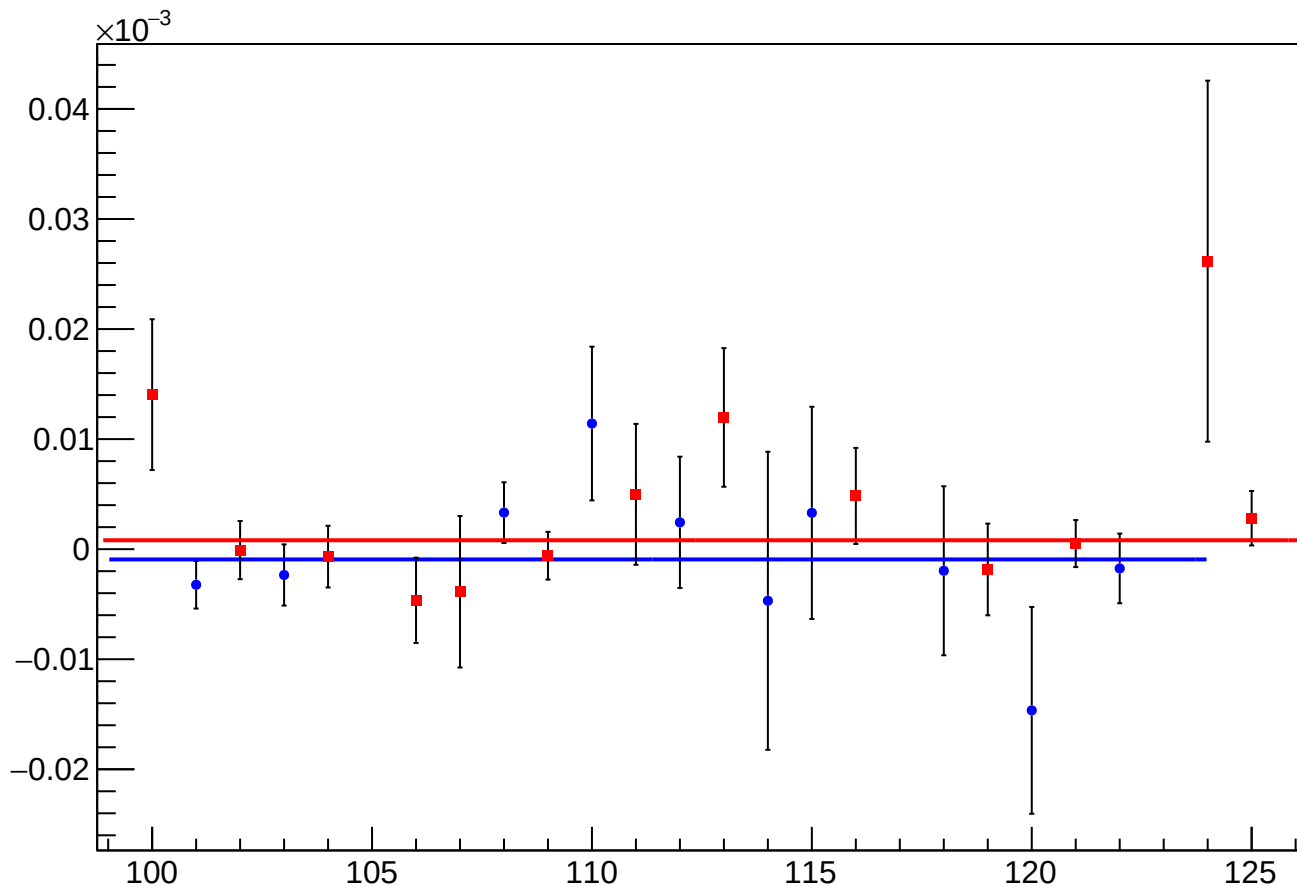
Right: 36.552+/-0.010 χ^2/NDF : 3494666.1/22

In: 36.855+/-0.015 χ^2/NDF : 1683432.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.552+/-0.010 χ^2/NDF : 3494666.1/22

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

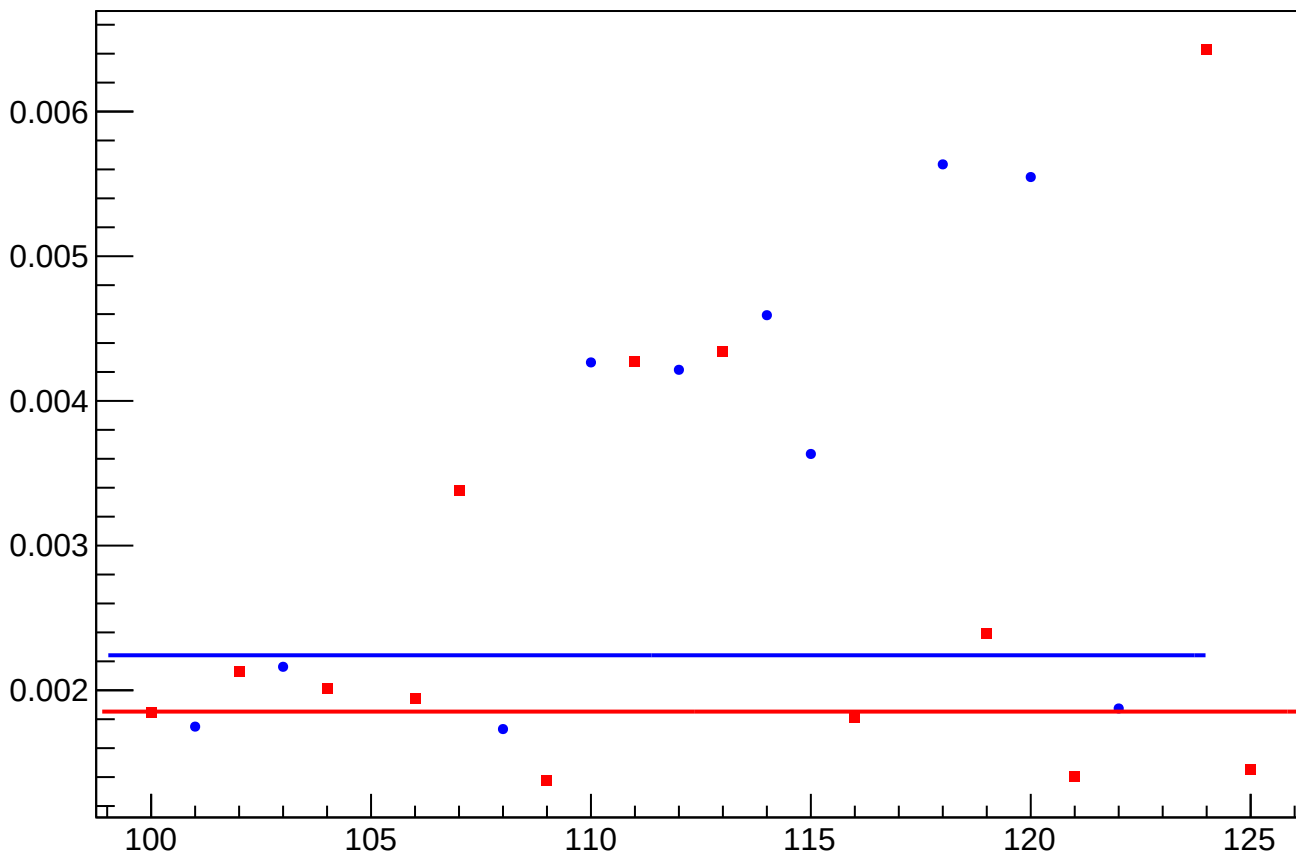
Right: 0.000+/-0.000 χ^2/NDF : 25.9/22

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 : 25.9/22

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 : 1152509.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

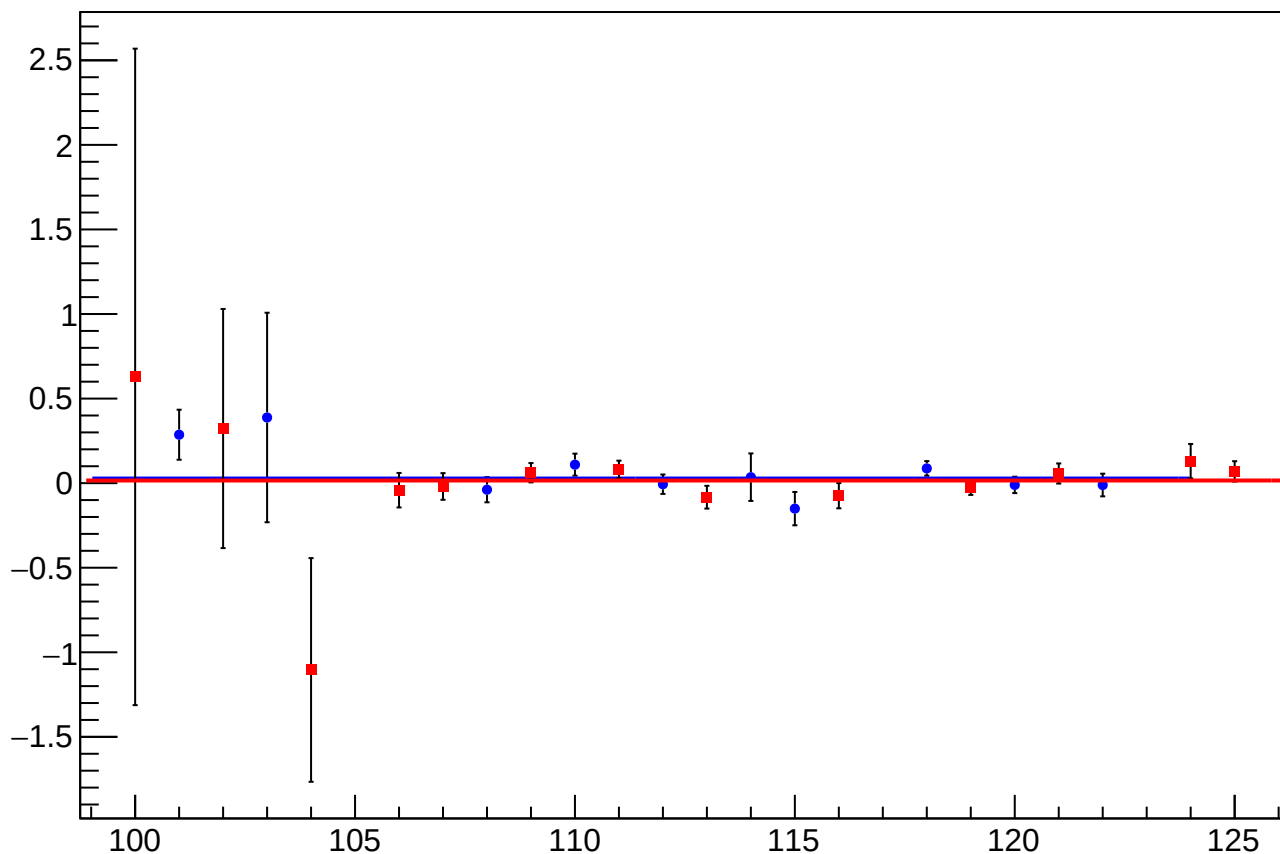
Right: 0.002+/-0.000 χ^2/NDF : 2607894.5/22

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 : 2607894.5/22

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: 0.016+/-0.020 χ^2/NDF : 13.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

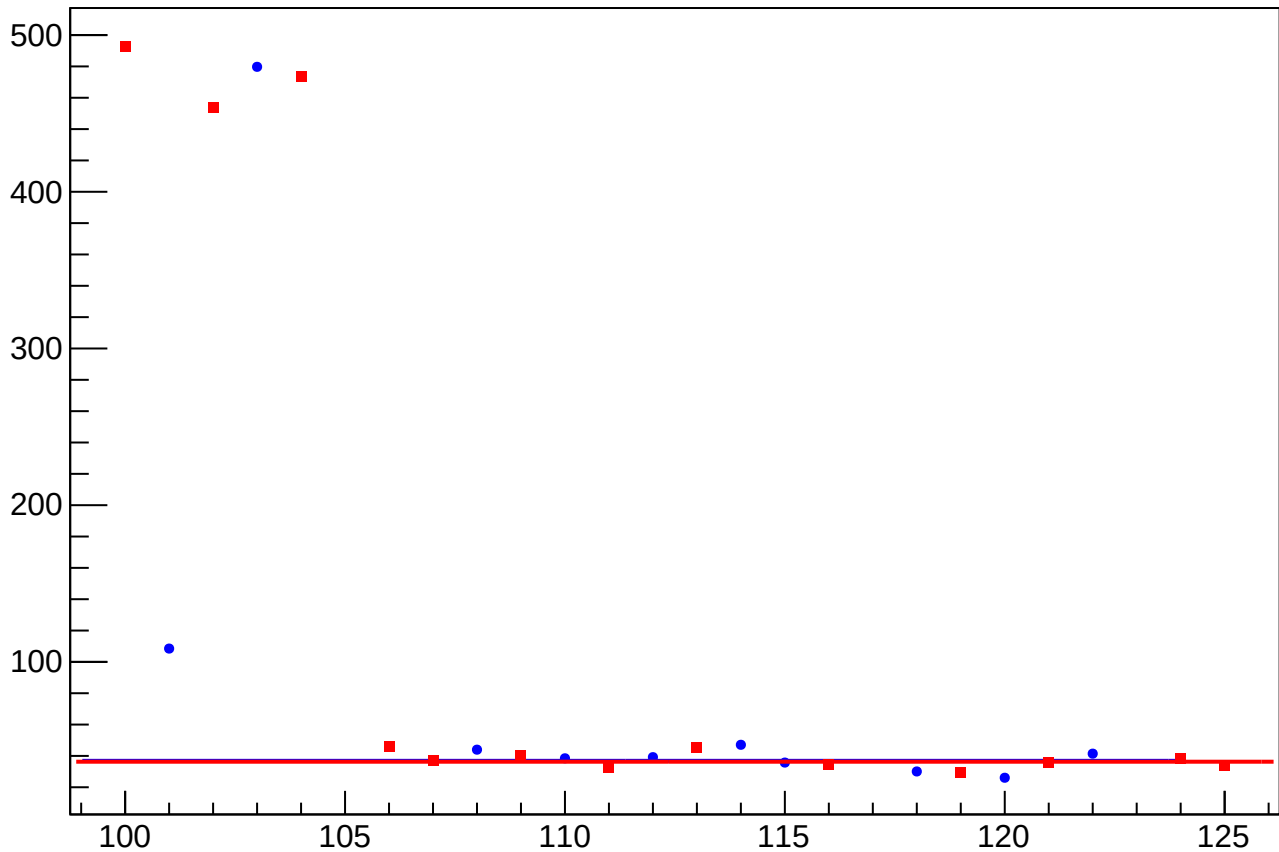
Right: 0.021+/-0.015 χ^2/NDF : 25.6/22

In: 0.027+/-0.022 χ^2/NDF : 12.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.015 χ^2/NDF : 25.6/22

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.854 $\pm$ 0.015 χ^2 /NDF: 1683448.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 36.302 $\pm$ 0.014 χ^2 /NDF: 1810589.4/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

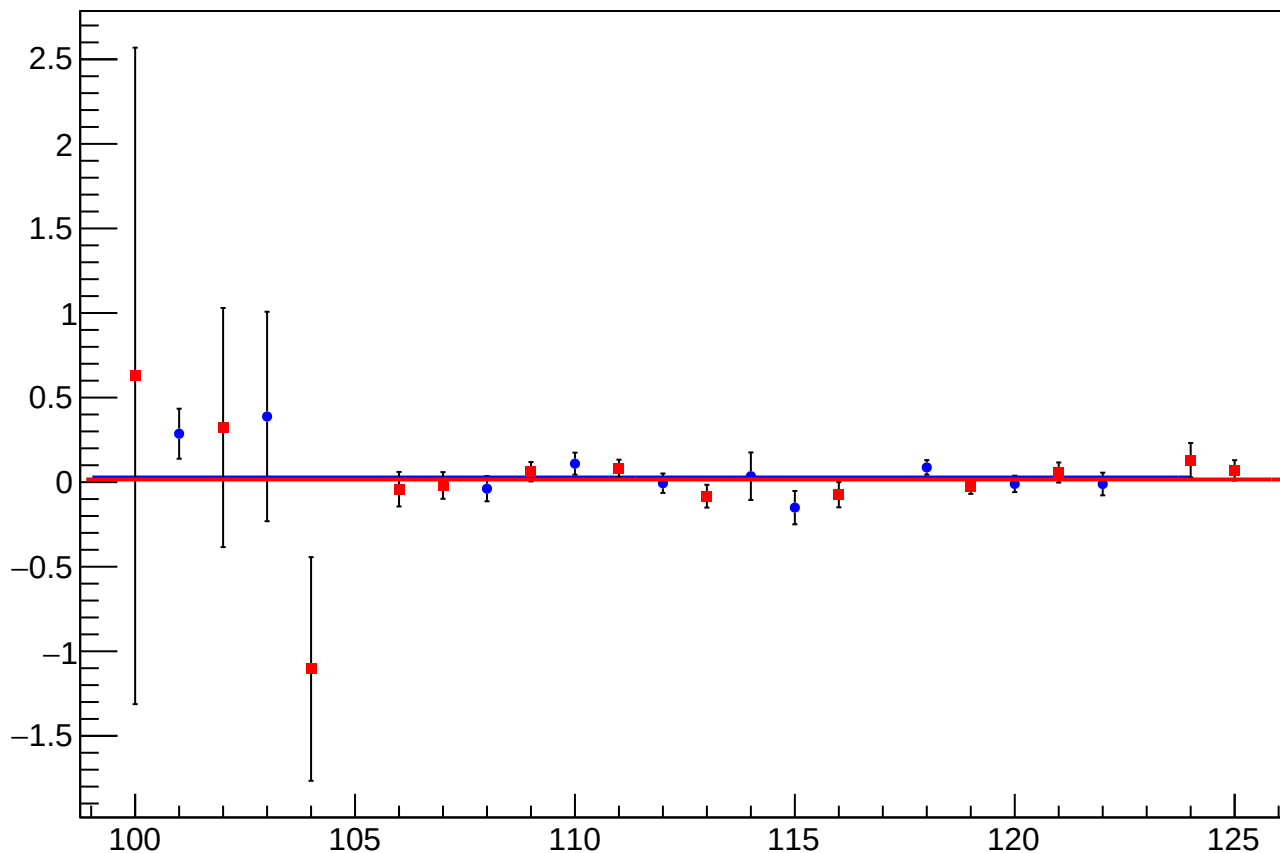
Right: 36.551 $\pm$ 0.010 χ^2 /NDF: 3494745.0/22

In: 36.854 $\pm$ 0.015 χ^2 /NDF:1683448.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 36.551 $\pm$ 0.010 χ^2 /NDF: 3494745.0/22

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: 0.016+/-0.020 χ^2/NDF : 13.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

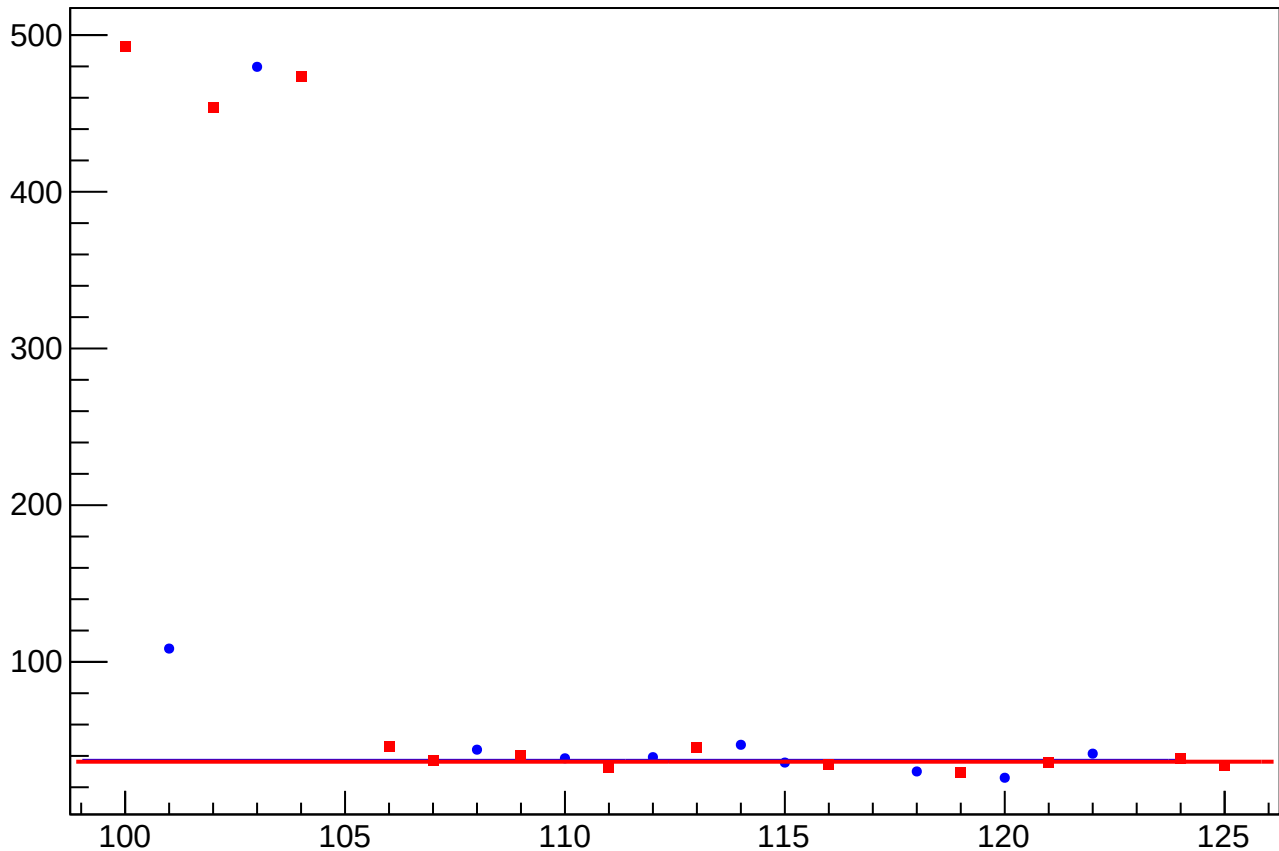
Right: 0.021+/-0.015 χ^2/NDF : 25.6/22

In: 0.027+/-0.022 χ^2/NDF : 12.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.015 χ^2/NDF : 25.6/22

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: 36.302+/-0.014 χ^2/NDF : 1810589.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

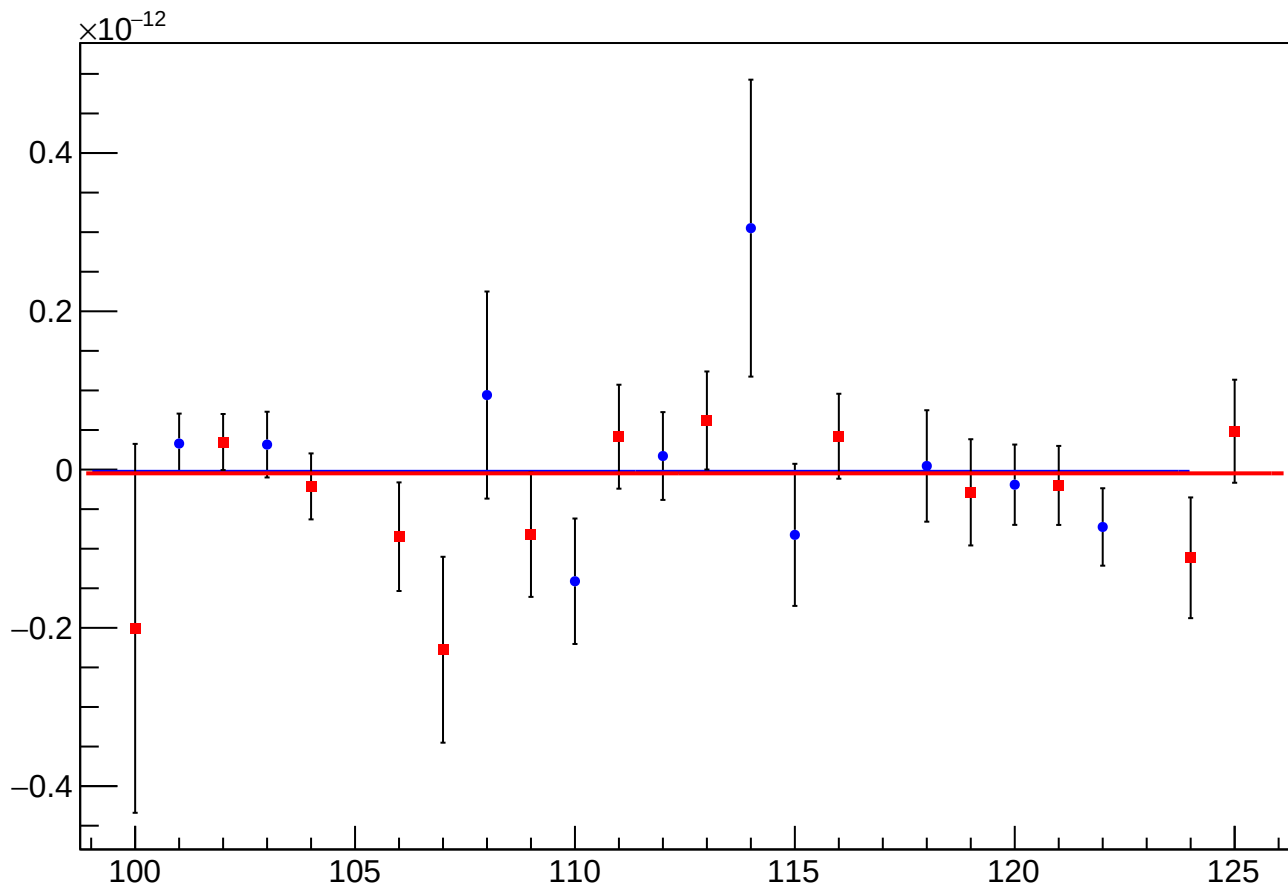
Right: 36.551+/-0.010 χ^2/NDF : 3494745.0/22

In: 36.854+/-0.015 χ^2/NDF : 1683448.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.551+/-0.010 χ^2/NDF : 3494745.0/22

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 : 13.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

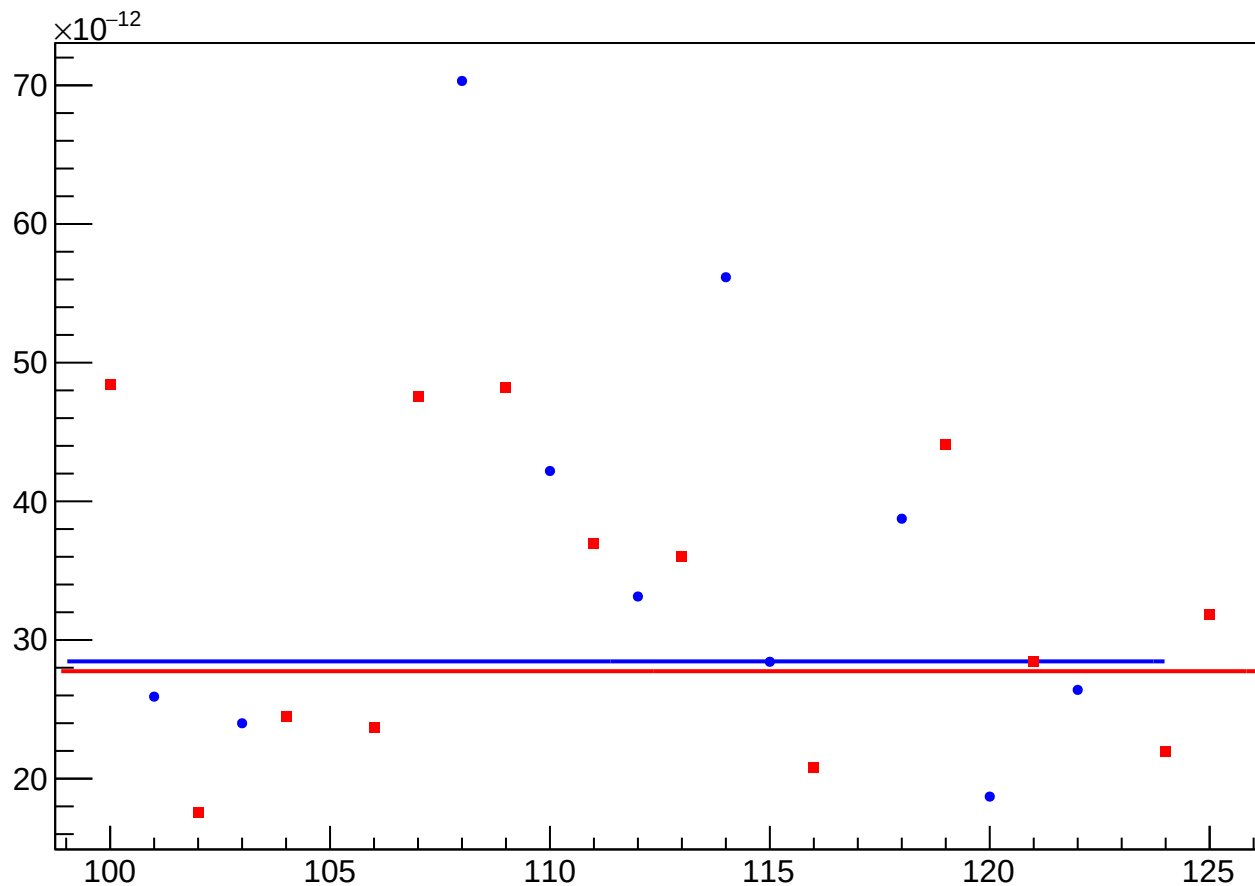
Right: -0.000+/-0.000 χ^2/NDF : 24.2/22

In: -0.000+/-0.000 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.2/22

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 : 640160.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

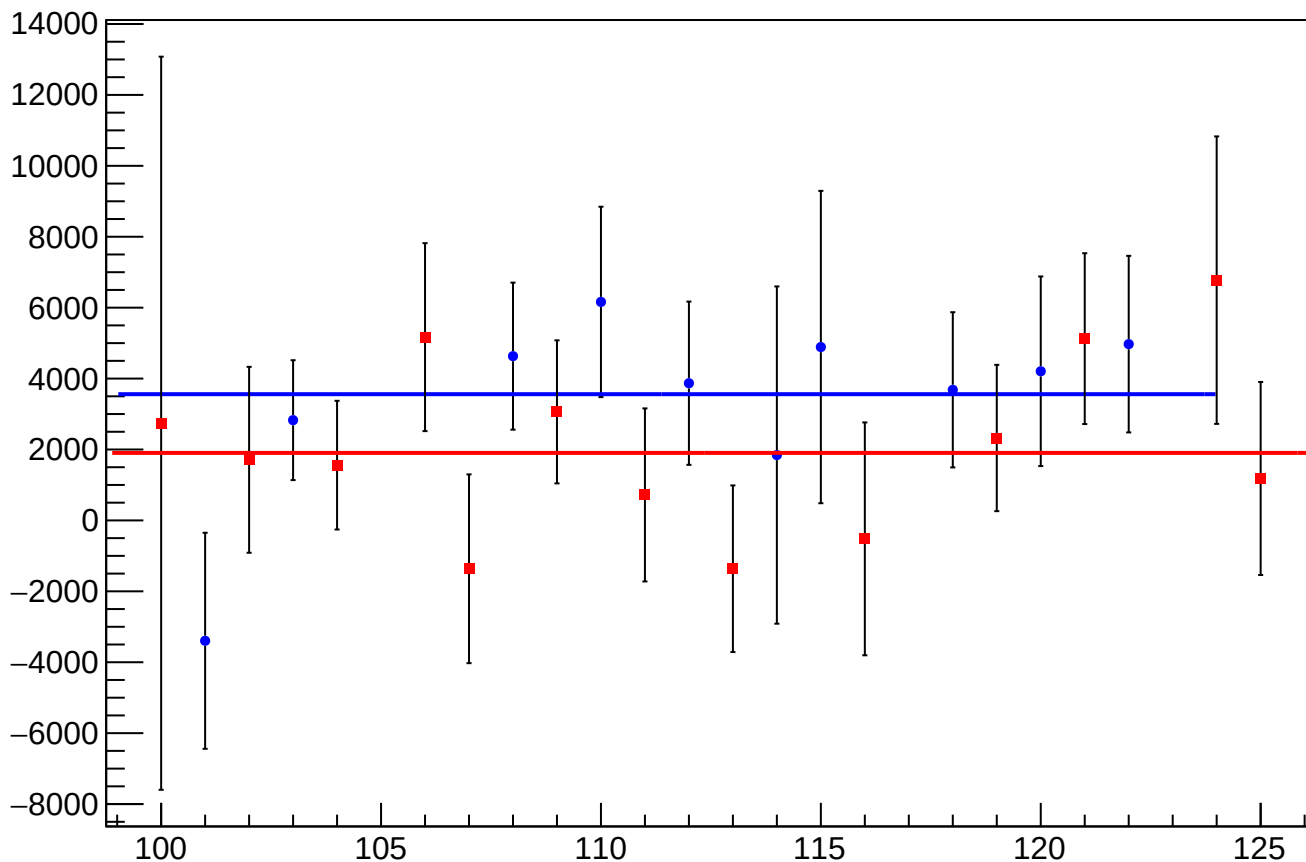
Right: 0.000+/-0.000 χ^2/NDF : 1116529.6/22

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 : 1116529.6/22

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: 1904.120+/-701.443 χ^2/NDF : 9.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

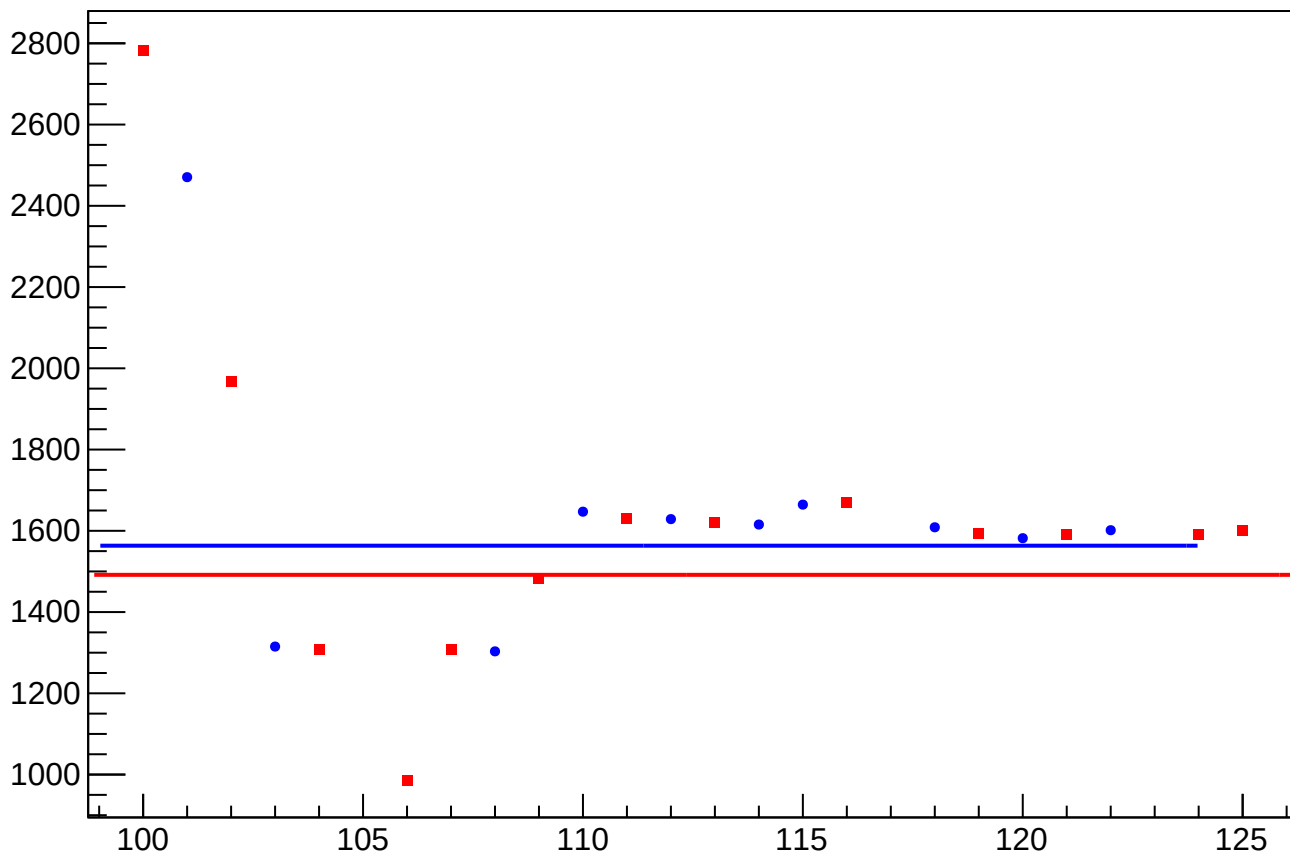
Right: 2639.379+/-522.995 χ^2/NDF : 19.2/22

In: 3559.801+/-784.813 χ^2/NDF : 7.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2639.379+/-522.995 χ^2/NDF : 19.2/22

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: 1491.628+/-0.484 χ^2/NDF : 281354.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

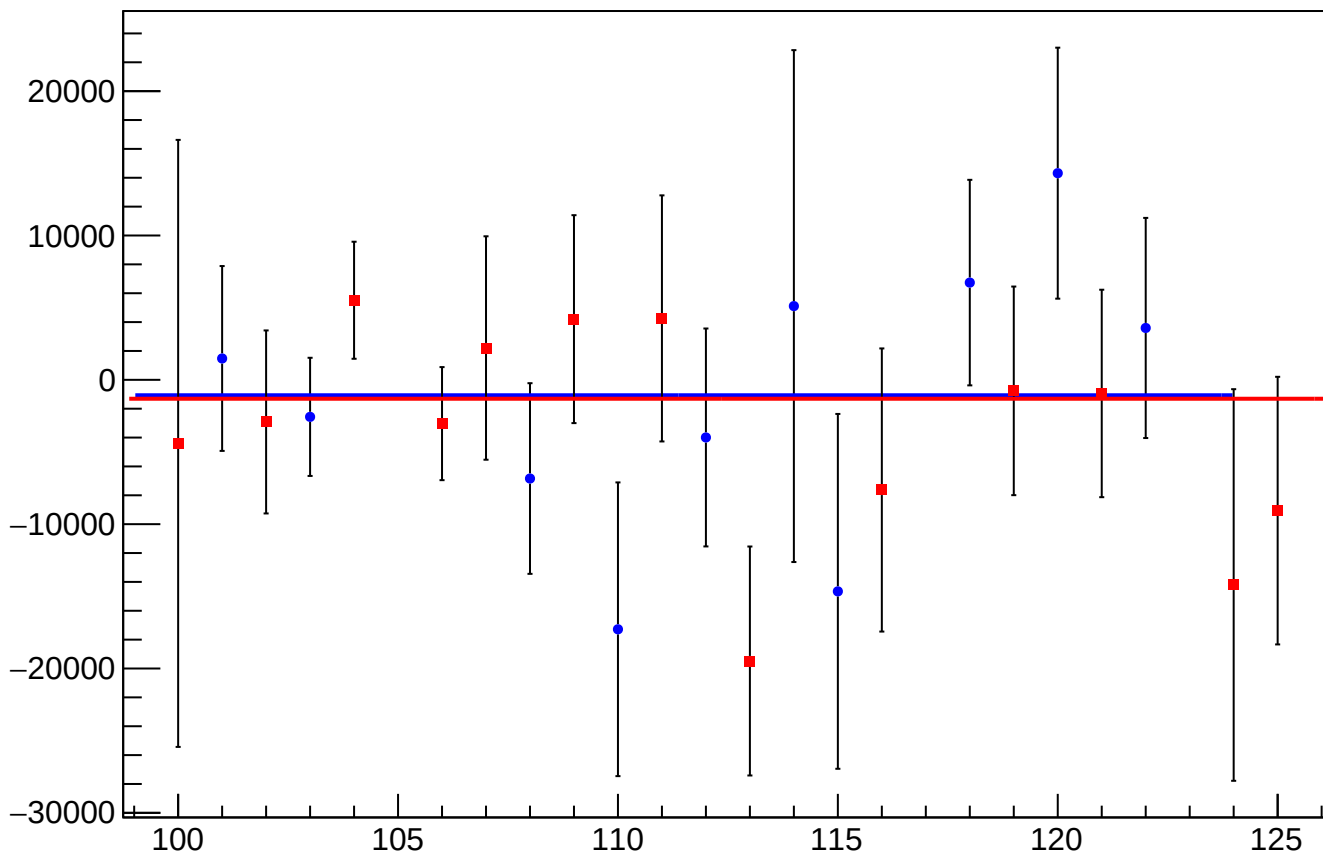
Right: 1522.650+/-0.365 χ^2/NDF : 549044.9/22

In: 1563.376+/-0.555 χ^2/NDF : 258202.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1522.650+/-0.365 χ^2/NDF : 549044.9/22

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: -1310.163+/-1873.972 χ^2/NDF : 11.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

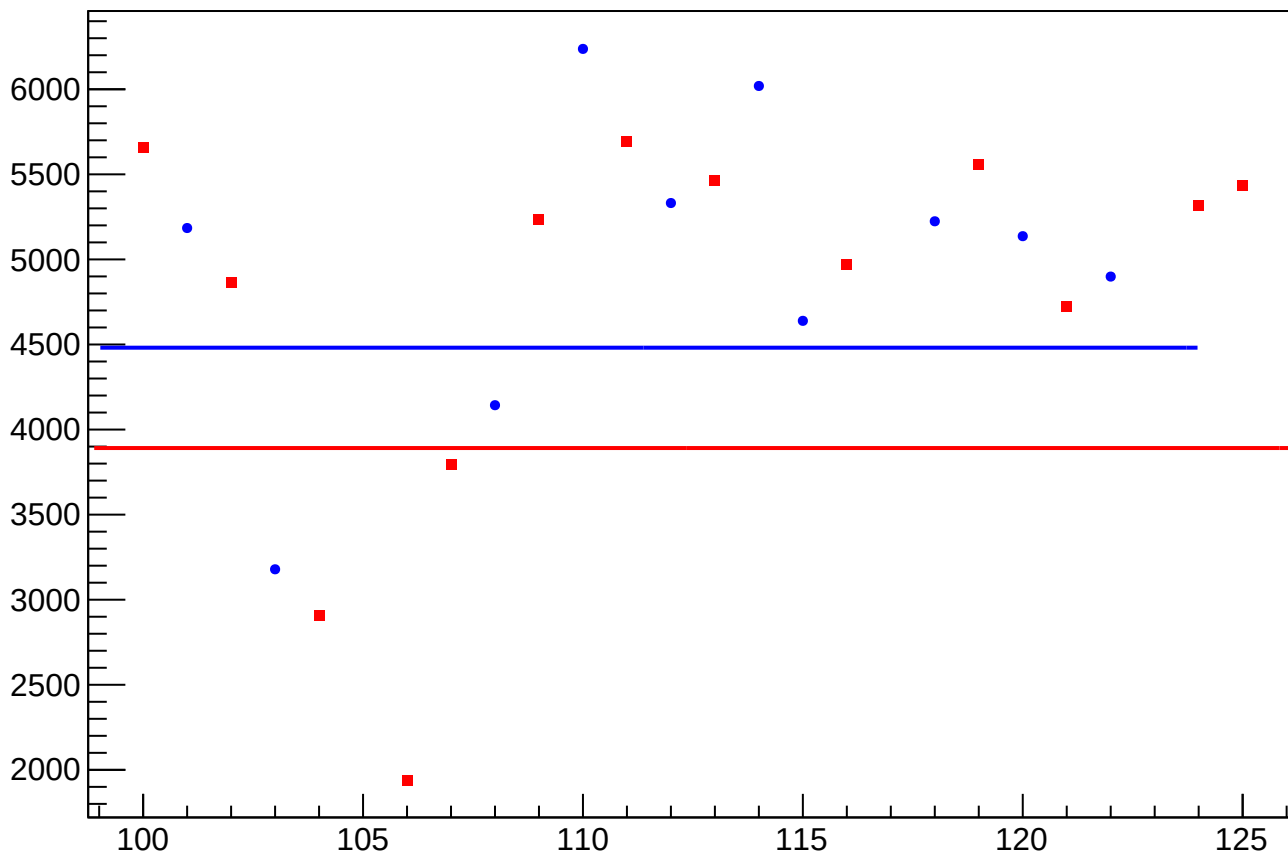
Right: -1212.276+/-1445.023 χ^2/NDF : 21.4/22

In: -1068.706+/-2269.508 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1212.276+/-1445.023 χ^2/NDF : 21.4/22

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: 3891.422+/-1.325 χ^2/NDF : 1149452.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

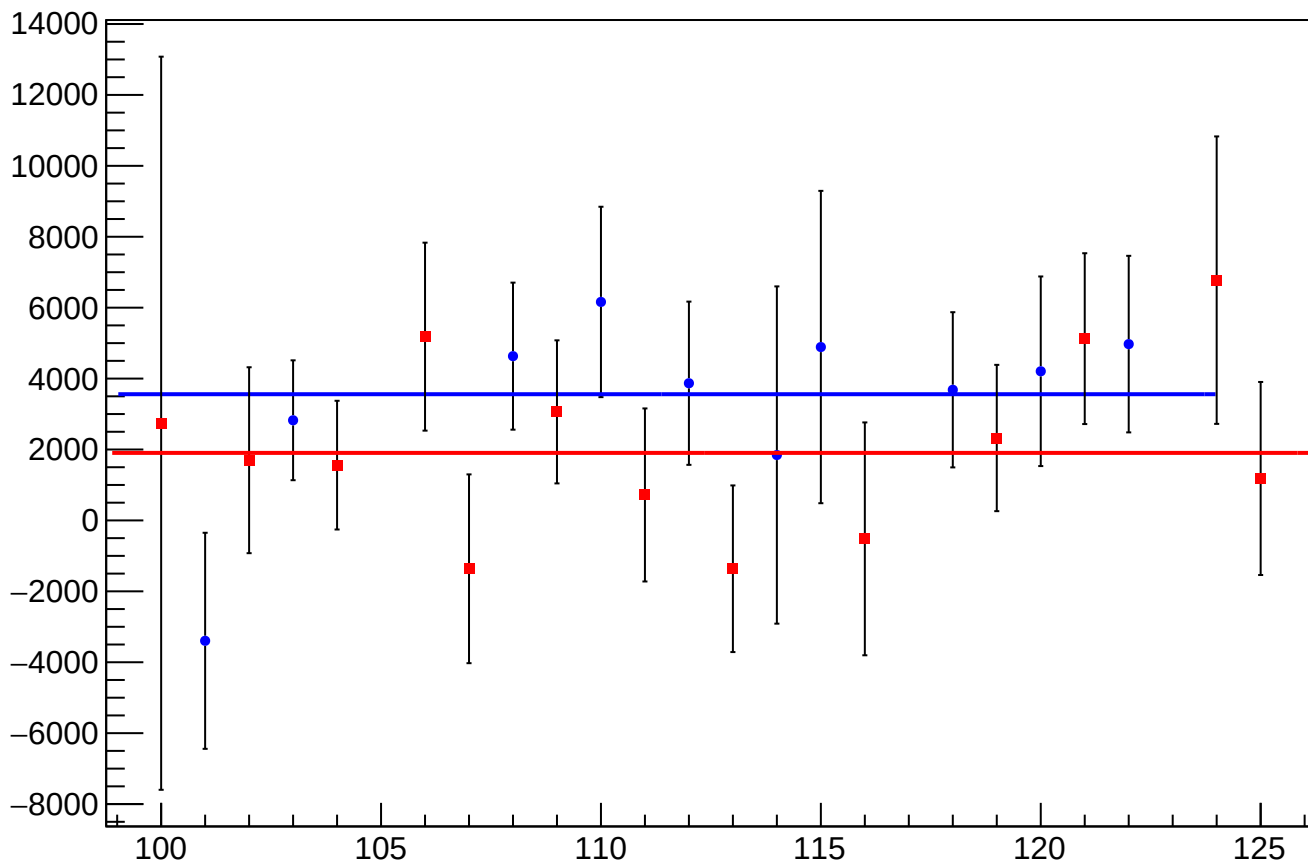
Right: 4130.529+/-1.022 χ^2/NDF : 1601077.1/22

In: 4481.223+/-1.605 χ^2/NDF : 371308.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4130.529+/-1.022 χ^2/NDF : 1601077.1/22

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: 1904.228+/-701.448 χ^2/NDF : 9.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

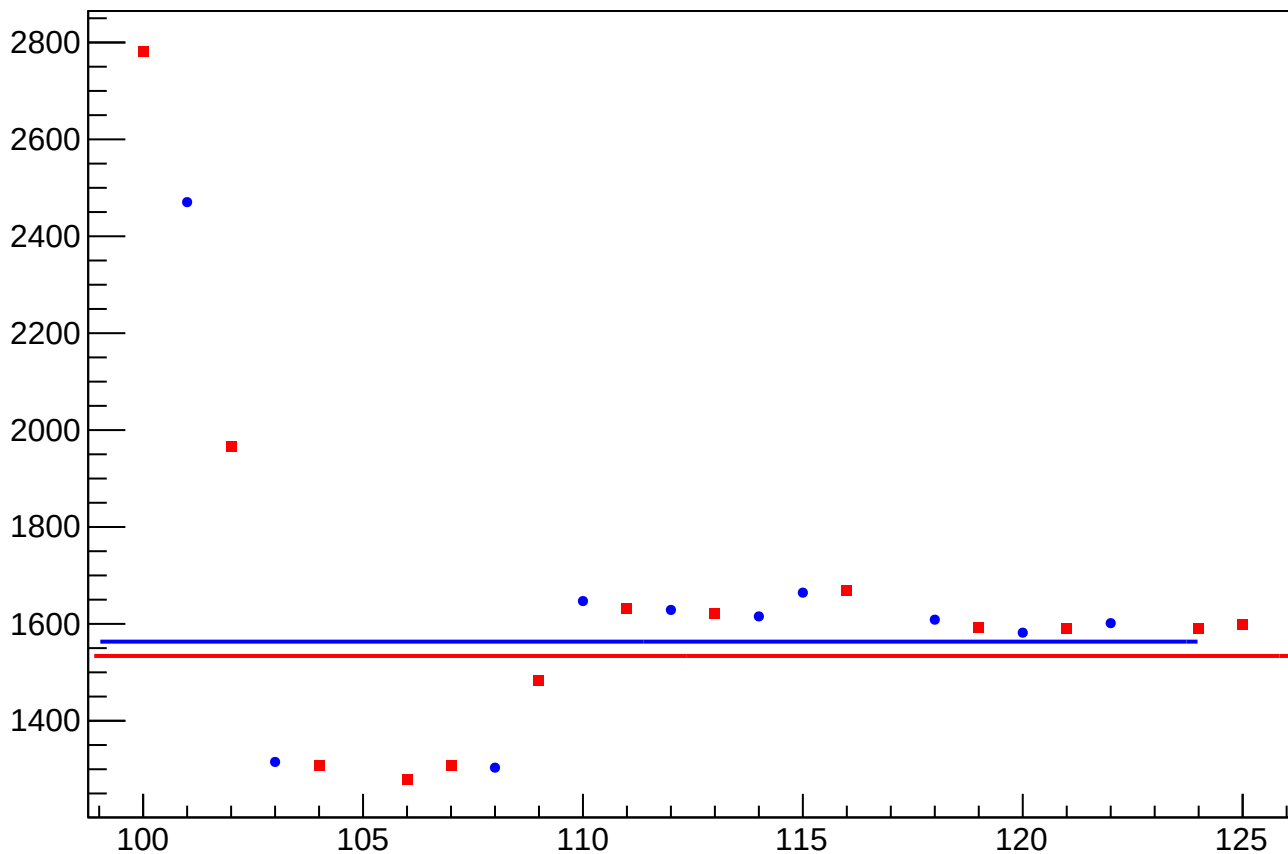
Right: 2639.216+/-522.998 χ^2/NDF : 19.2/22

In: 3559.287+/-784.813 χ^2/NDF : 7.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2639.216+/-522.998 χ^2/NDF : 19.2/22

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: 1533.814+/-0.493 χ^2/NDF : 165762.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

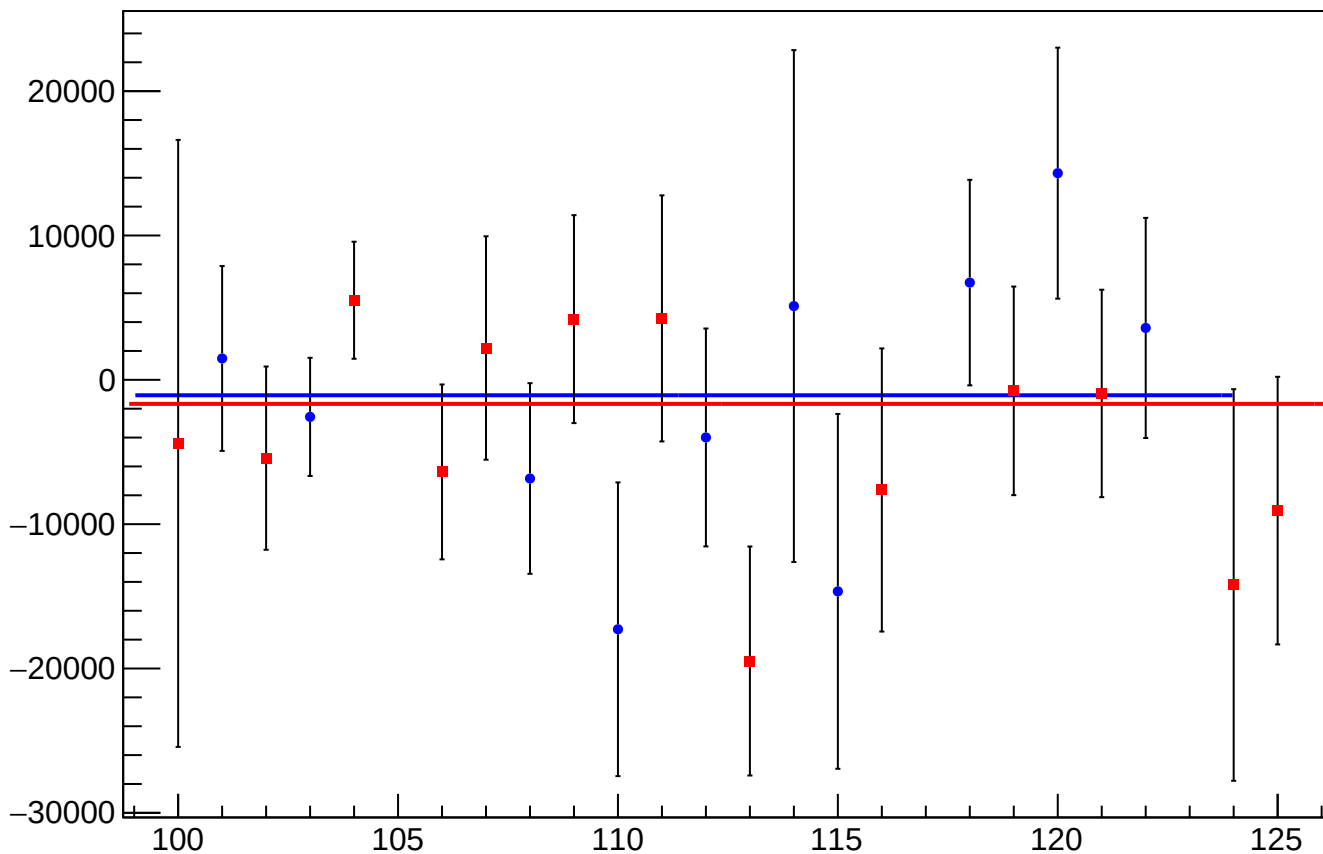
Right: 1546.861+/-0.369 χ^2/NDF : 425549.0/22

In: 1563.376+/-0.555 χ^2/NDF : 258201.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1546.861+/-0.369 χ^2/NDF : 425549.0/22

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: -1666.424+/-2013.141 χ^2/NDF : 12.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

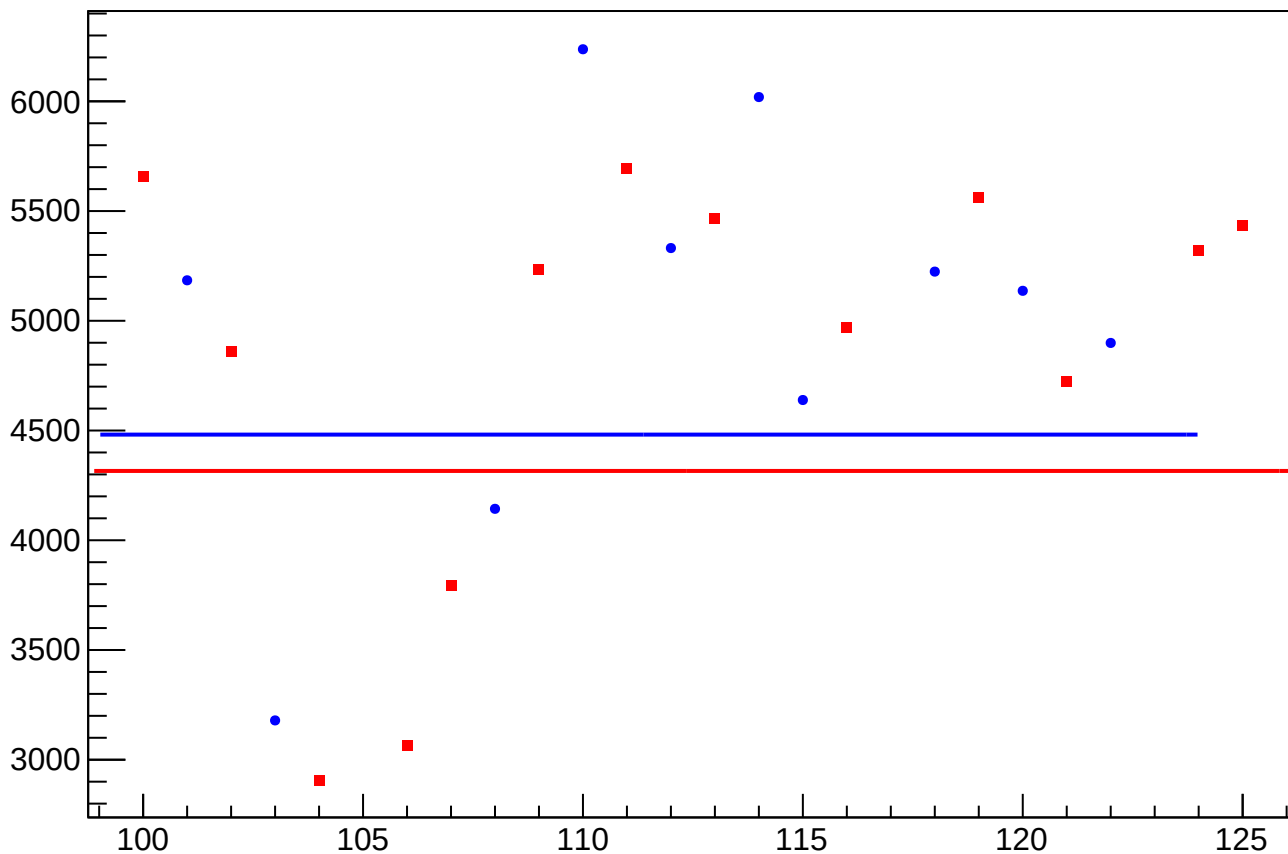
Right: -1403.368+/-1506.044 χ^2/NDF : 22.3/22

In: -1069.027+/-2269.578 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1403.368+/-1506.044 χ^2/NDF : 22.3/22

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: 4315.824+/-1.424 χ^2/NDF : 600283.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

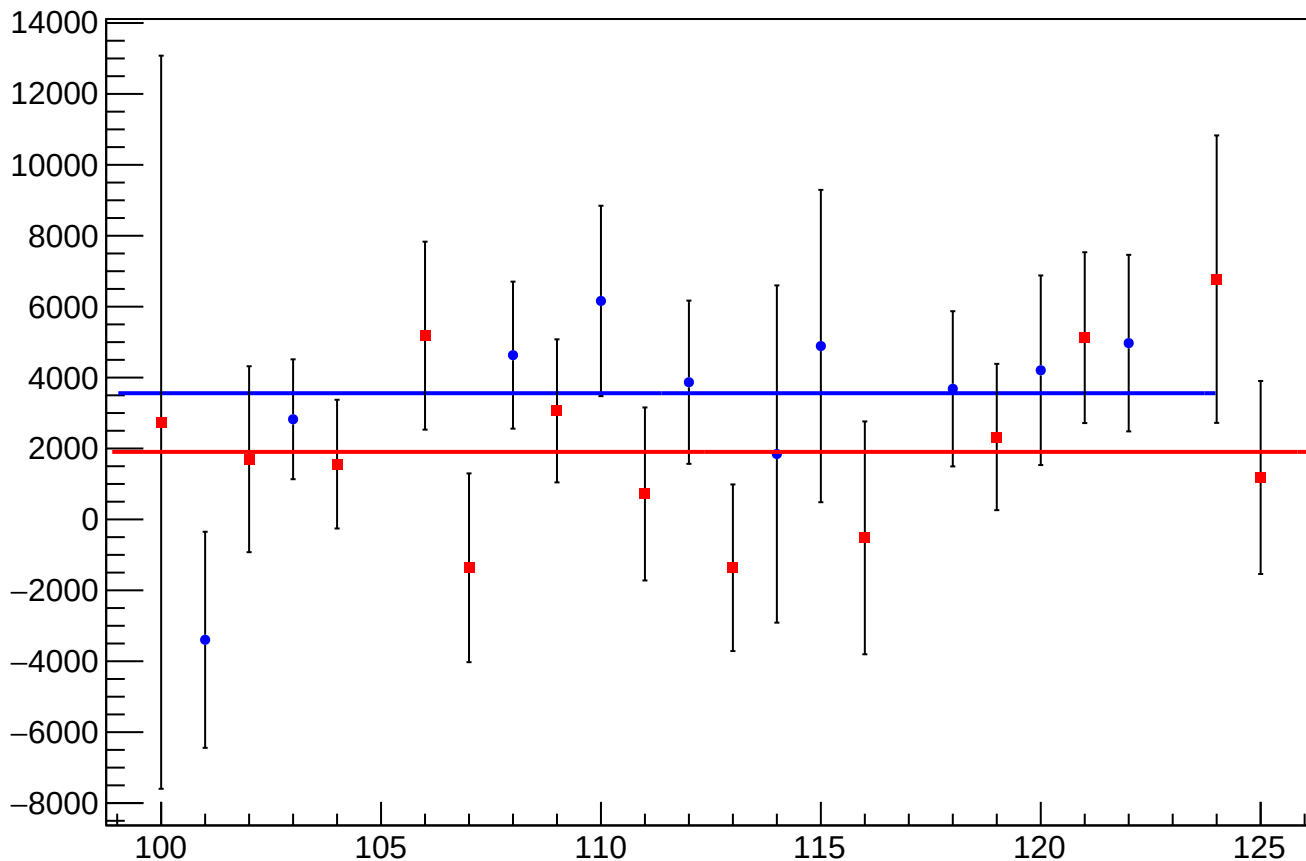
Right: 4388.738+/-1.065 χ^2/NDF : 977399.6/22

In: 4481.410+/-1.605 χ^2/NDF : 371158.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4388.738+/-1.065 χ^2/NDF : 977399.6/22

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: 1904.228+/-701.448 χ^2/NDF : 9.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

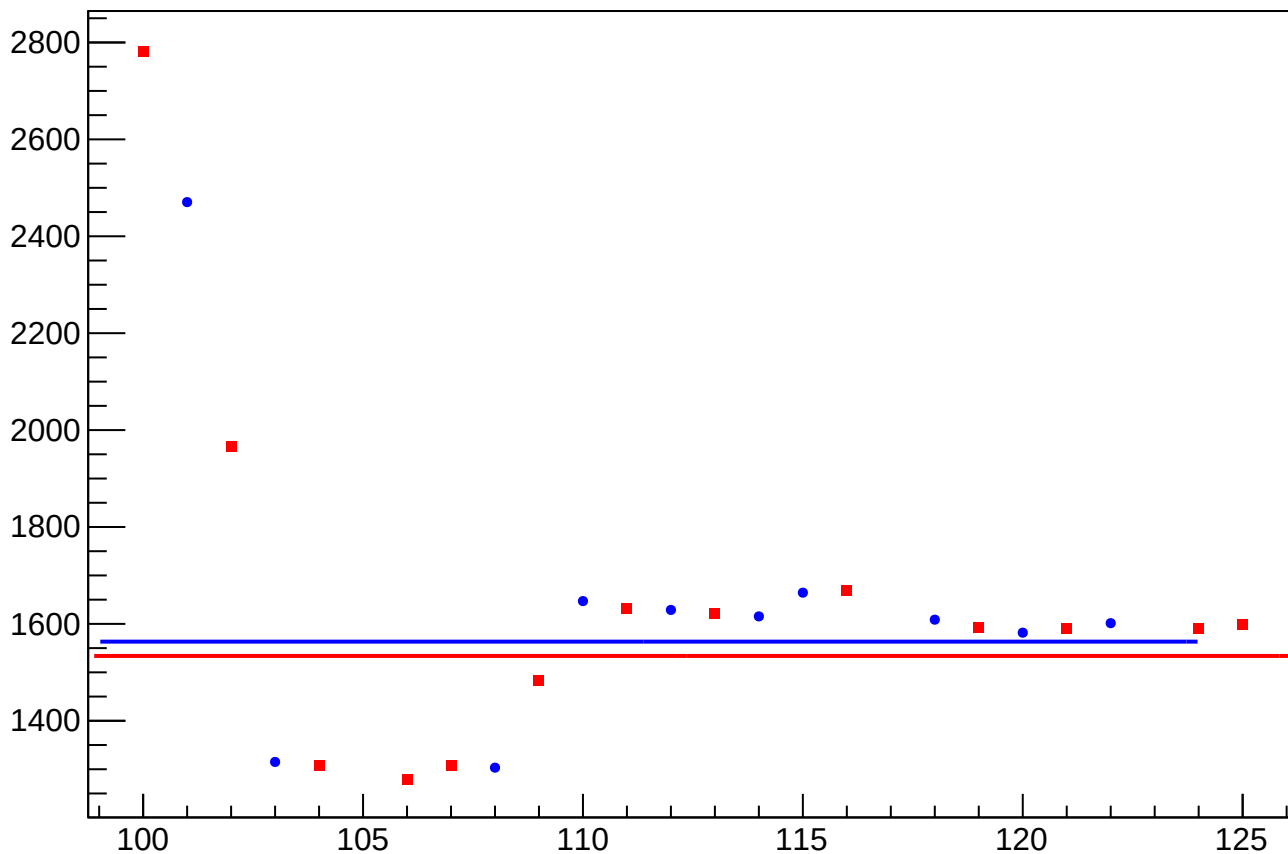
Right: 2639.216+/-522.998 χ^2/NDF : 19.2/22

In: 3559.287+/-784.813 χ^2/NDF : 7.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2639.216+/-522.998 χ^2/NDF : 19.2/22

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: 1533.814+/-0.493 χ^2/NDF : 165762.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

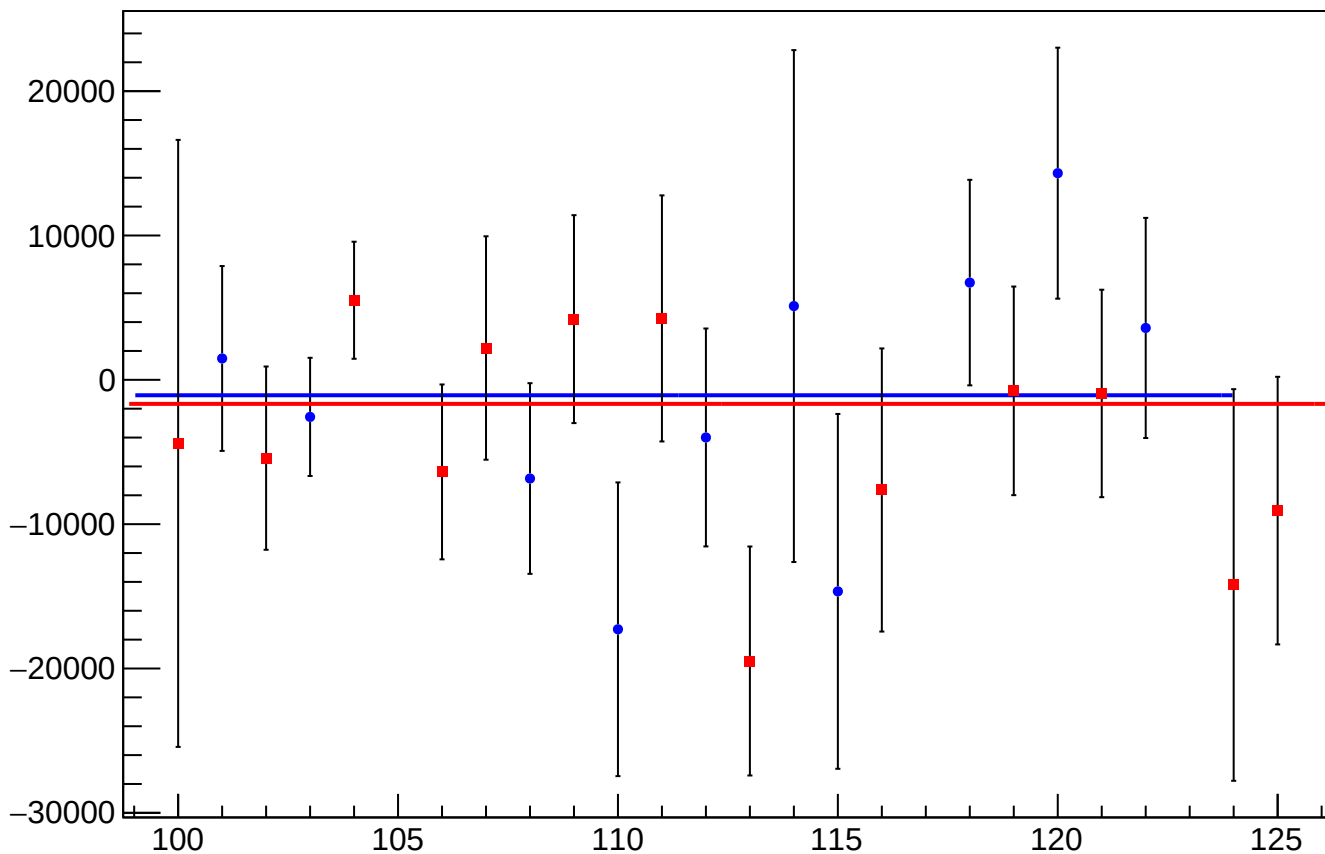
Right: 1546.861+/-0.369 χ^2/NDF : 425549.0/22

In: 1563.376+/-0.555 χ^2/NDF : 258201.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1546.861+/-0.369 χ^2/NDF : 425549.0/22

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: -1666.424+/-2013.141 χ^2/NDF : 12.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

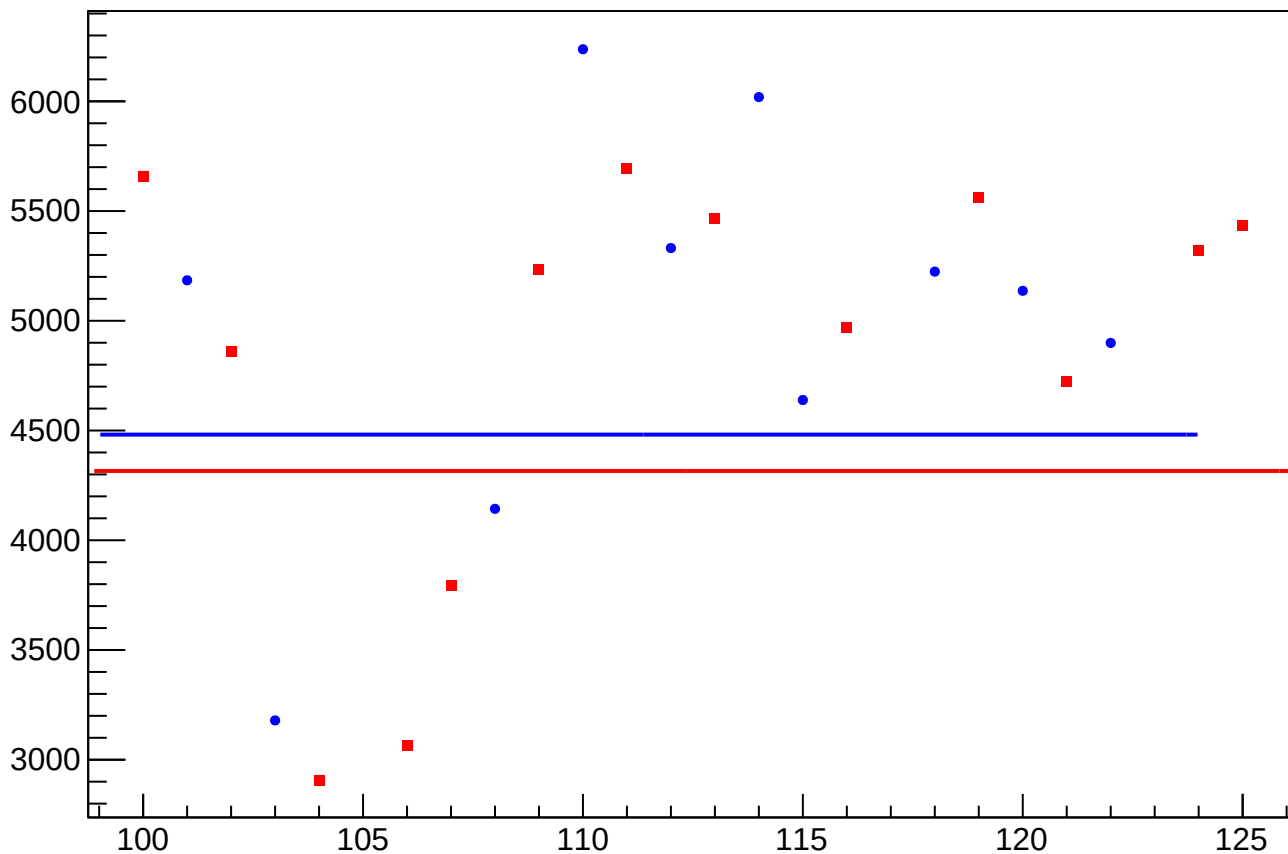
Right: -1403.368+/-1506.044 χ^2/NDF : 22.3/22

In: -1069.027+/-2269.578 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1403.368+/-1506.044 χ^2/NDF : 22.3/22

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: 4315.824+/-1.424 χ^2/NDF : 600283.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

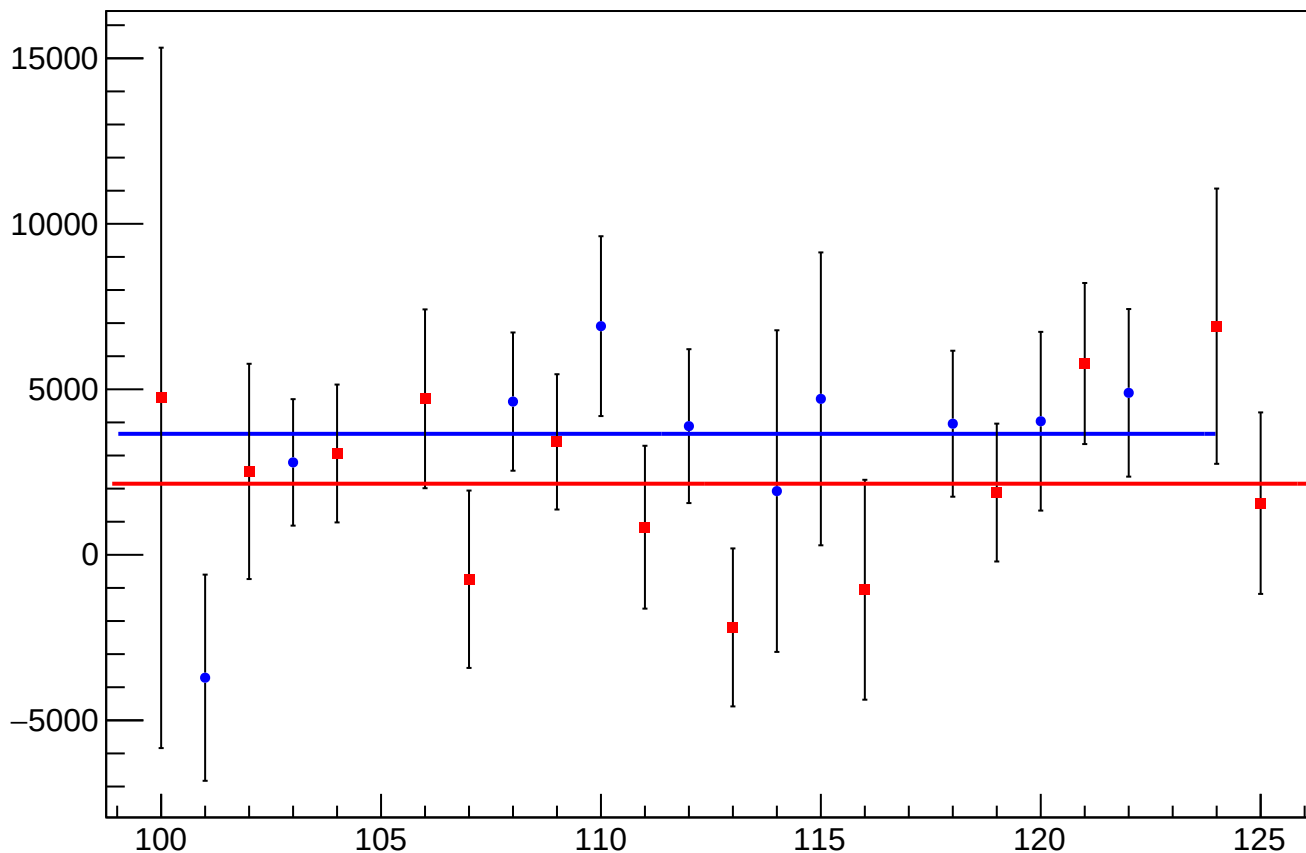
Right: 4388.738+/-1.065 χ^2/NDF : 977399.6/22

In: 4481.410+/-1.605 χ^2/NDF : 371158.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4388.738+/-1.065 χ^2/NDF : 977399.6/22

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: 2148.354+/-730.913 χ^2/NDF : 10.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

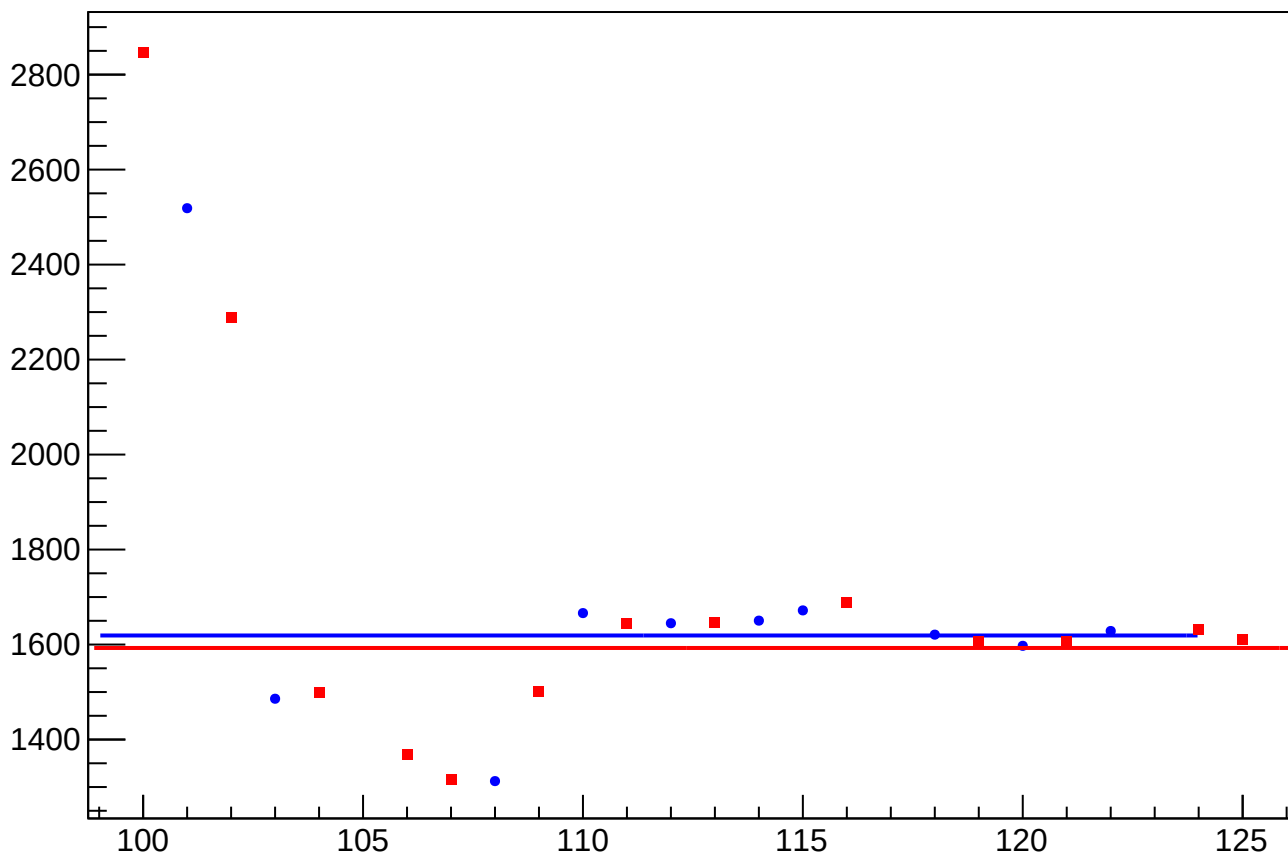
Right: 2823.559+/-543.027 χ^2/NDF : 20.7/22

In: 3655.391+/-811.271 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2823.559+/-543.027 χ^2/NDF : 20.7/22

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: 1592.789+/-0.516 χ^2/NDF : 167223.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

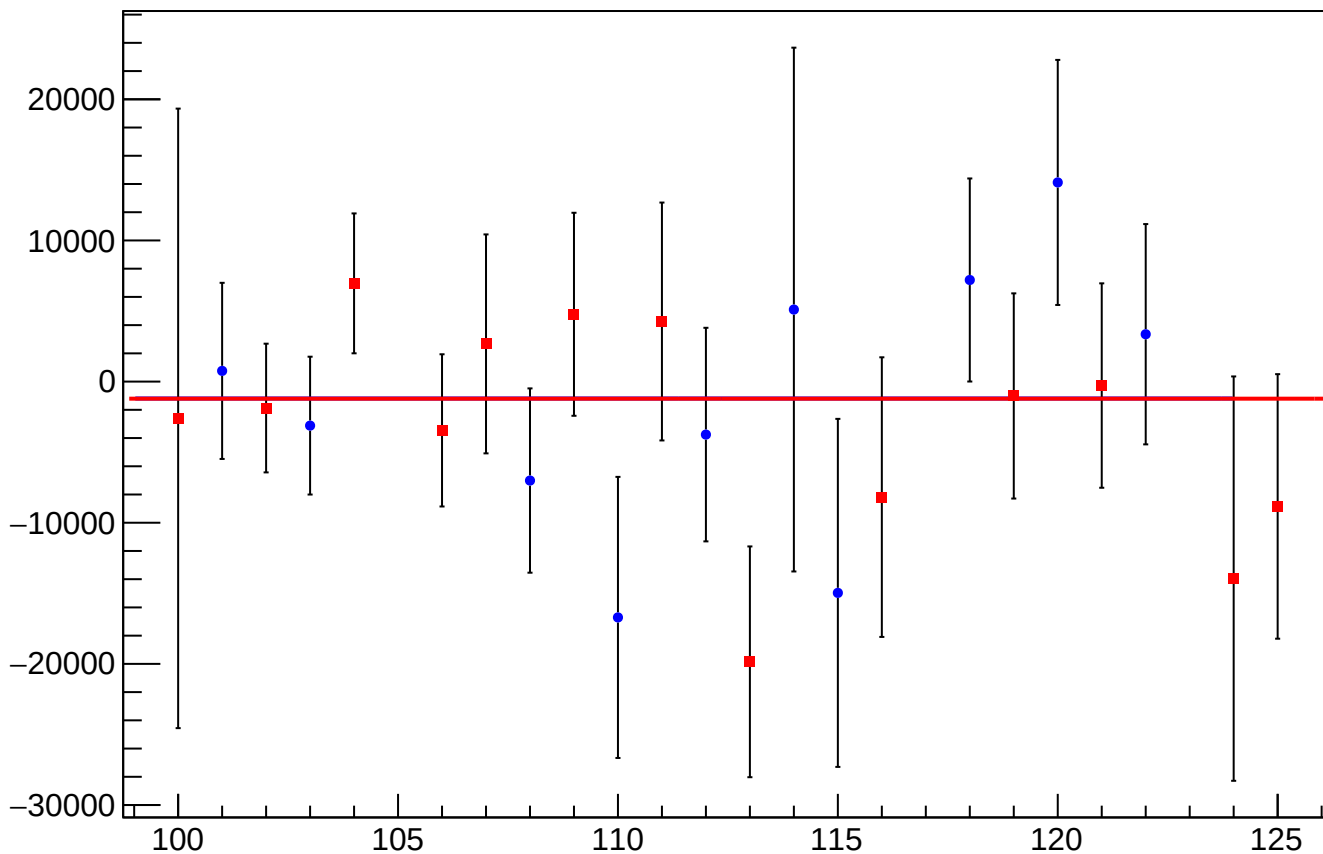
Right: 1604.552+/-0.384 χ^2/NDF : 389495.0/22

In: 1619.079+/-0.574 χ^2/NDF : 221110.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1604.552+/-0.384 χ^2/NDF : 389495.0/22

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: -1210.529+/-1981.296 χ^2/NDF : 11.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

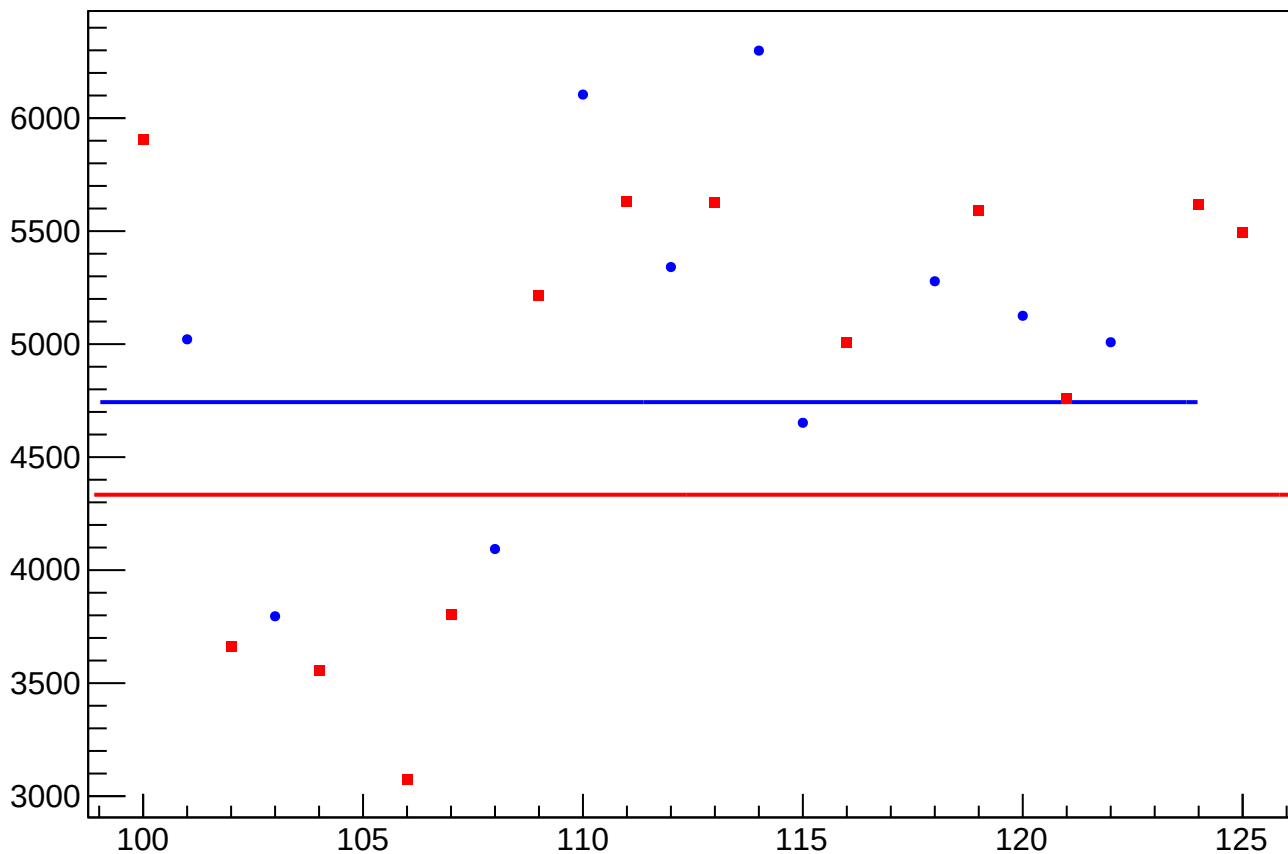
Right: -1205.251+/-1521.656 χ^2/NDF : 21.2/22

In: -1197.661+/-2375.964 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1205.251+/-1521.656 χ^2/NDF : 21.2/22

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: 4333.699+/-1.401 χ^2/NDF : 471678.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

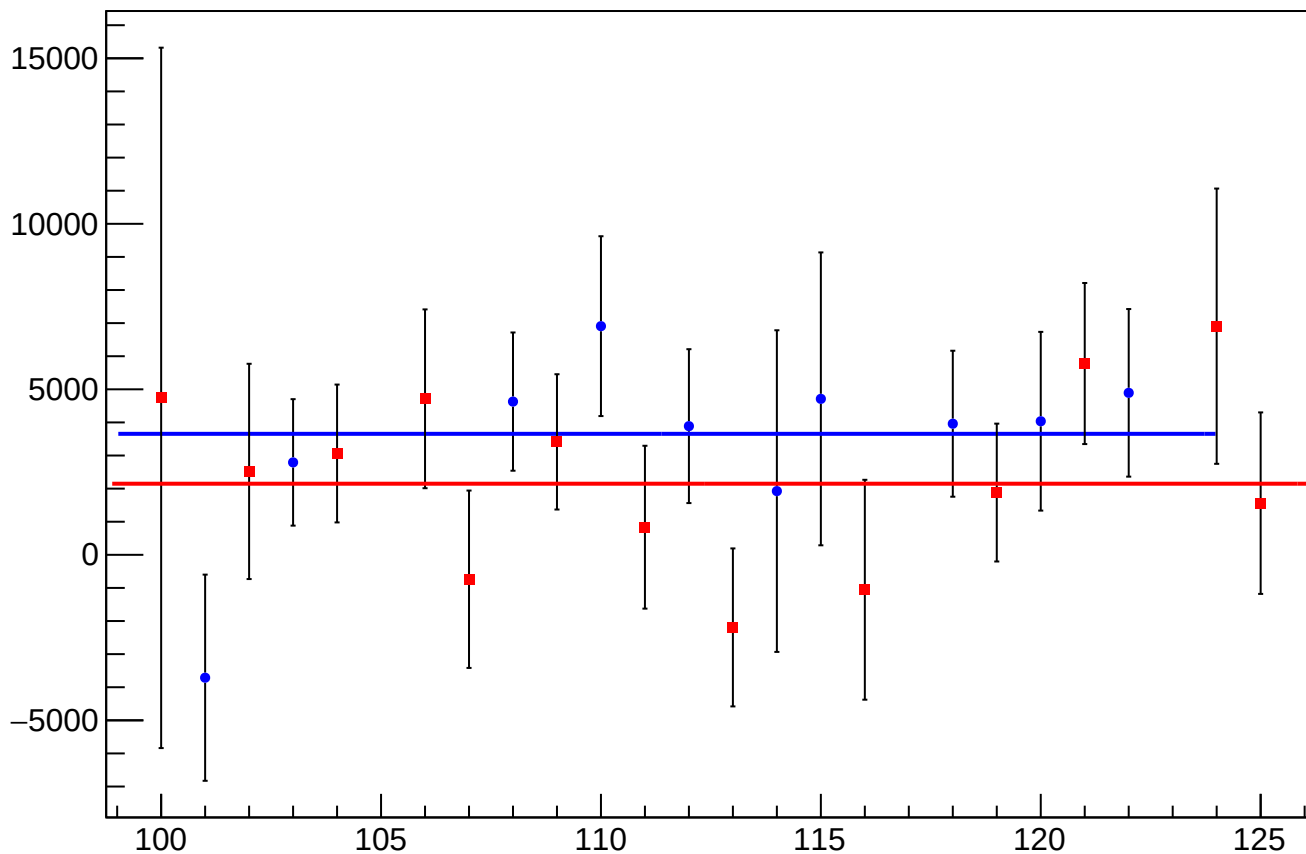
Right: 4501.711+/-1.076 χ^2/NDF : 687067.2/22

In: 4743.324+/-1.680 χ^2/NDF : 180325.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4501.711+/-1.076 χ^2/NDF : 687067.2/22

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: 2148.362+/-730.913 χ^2/NDF : 10.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

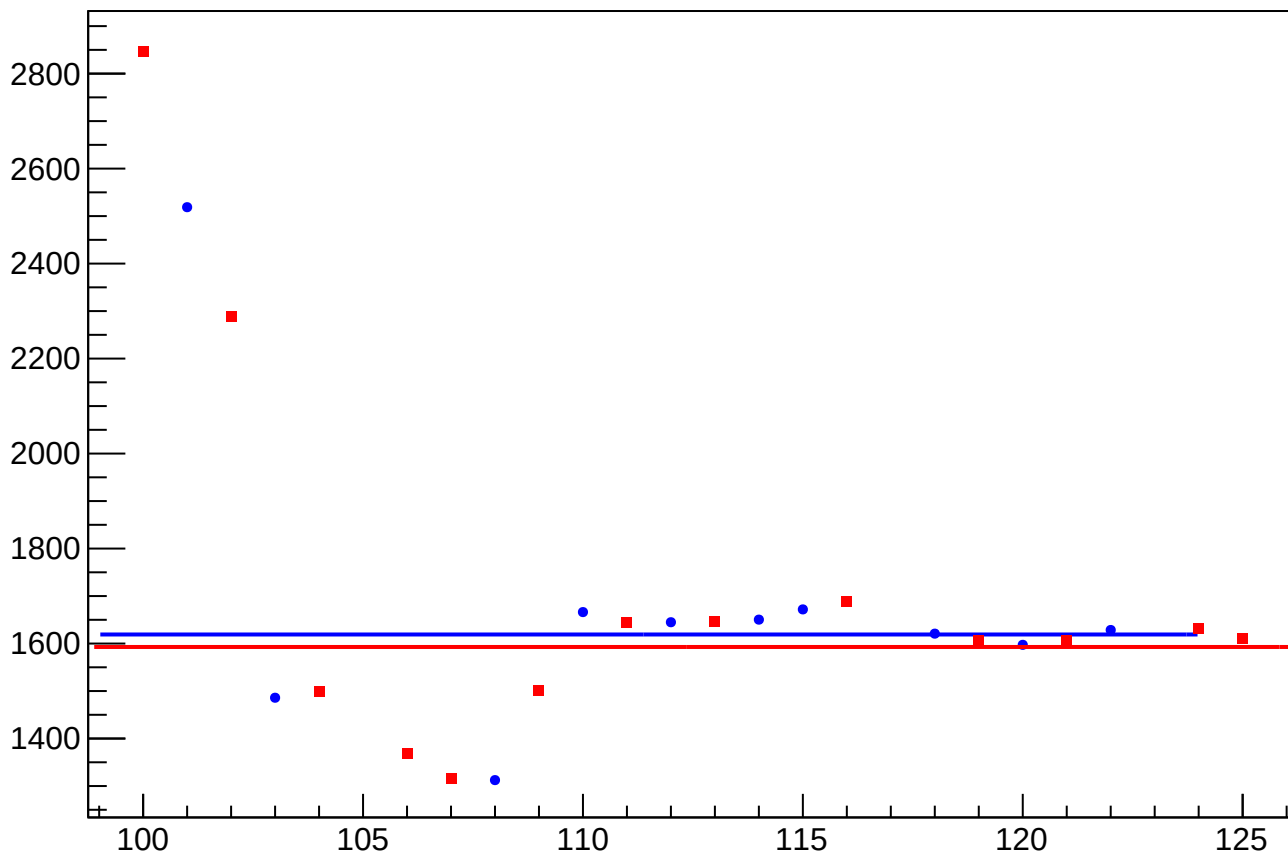
Right: 2823.560+/-543.027 χ^2/NDF : 20.7/22

In: 3655.383+/-811.270 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2823.560+/-543.027 χ^2/NDF : 20.7/22

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: 1592.789+/-0.516 χ^2/NDF : 167223.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

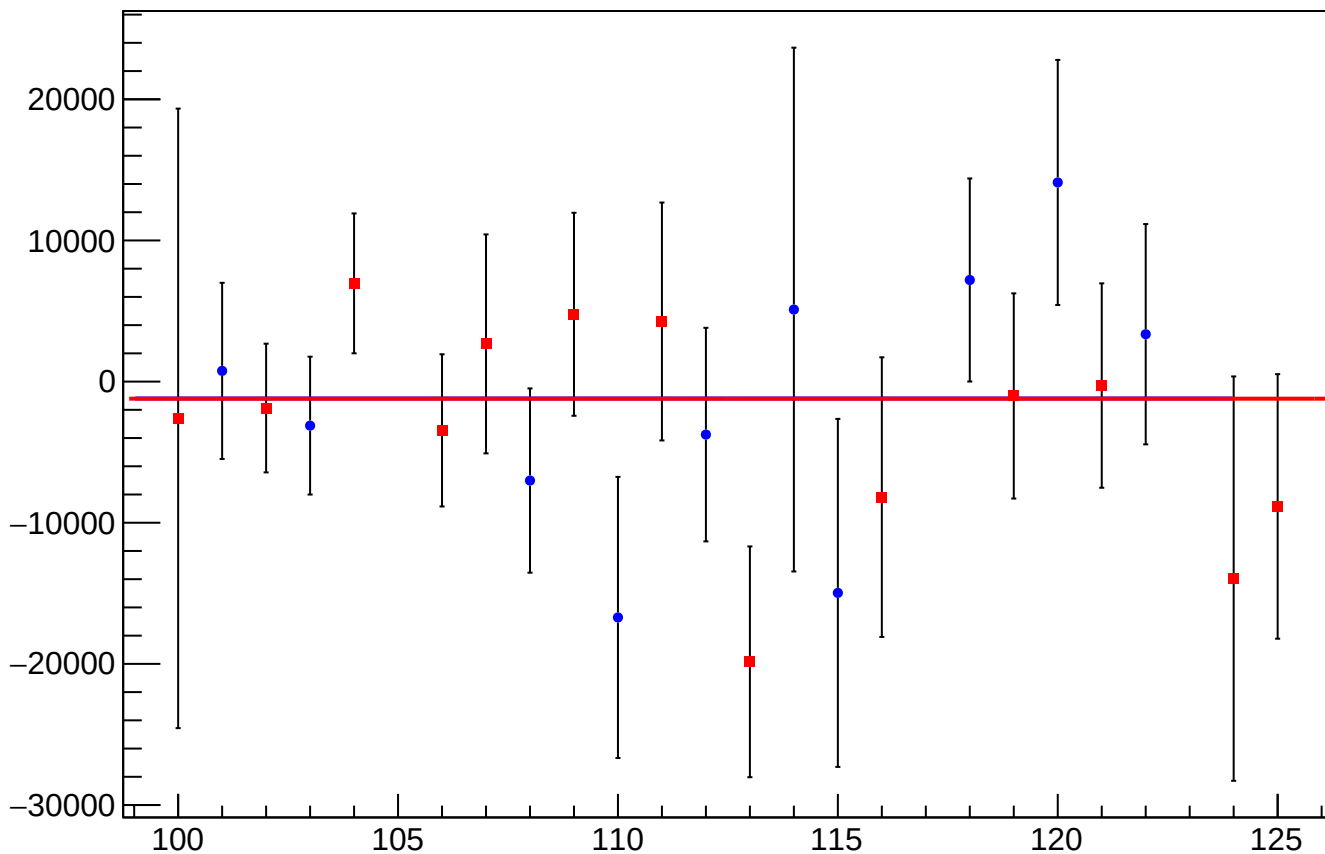
Right: 1604.551+/-0.384 χ^2/NDF : 389494.9/22

In: 1619.079+/-0.574 χ^2/NDF : 221110.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1604.551+/-0.384 χ^2/NDF : 389494.9/22

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: -1210.529+/-1981.292 χ^2/NDF : 11.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

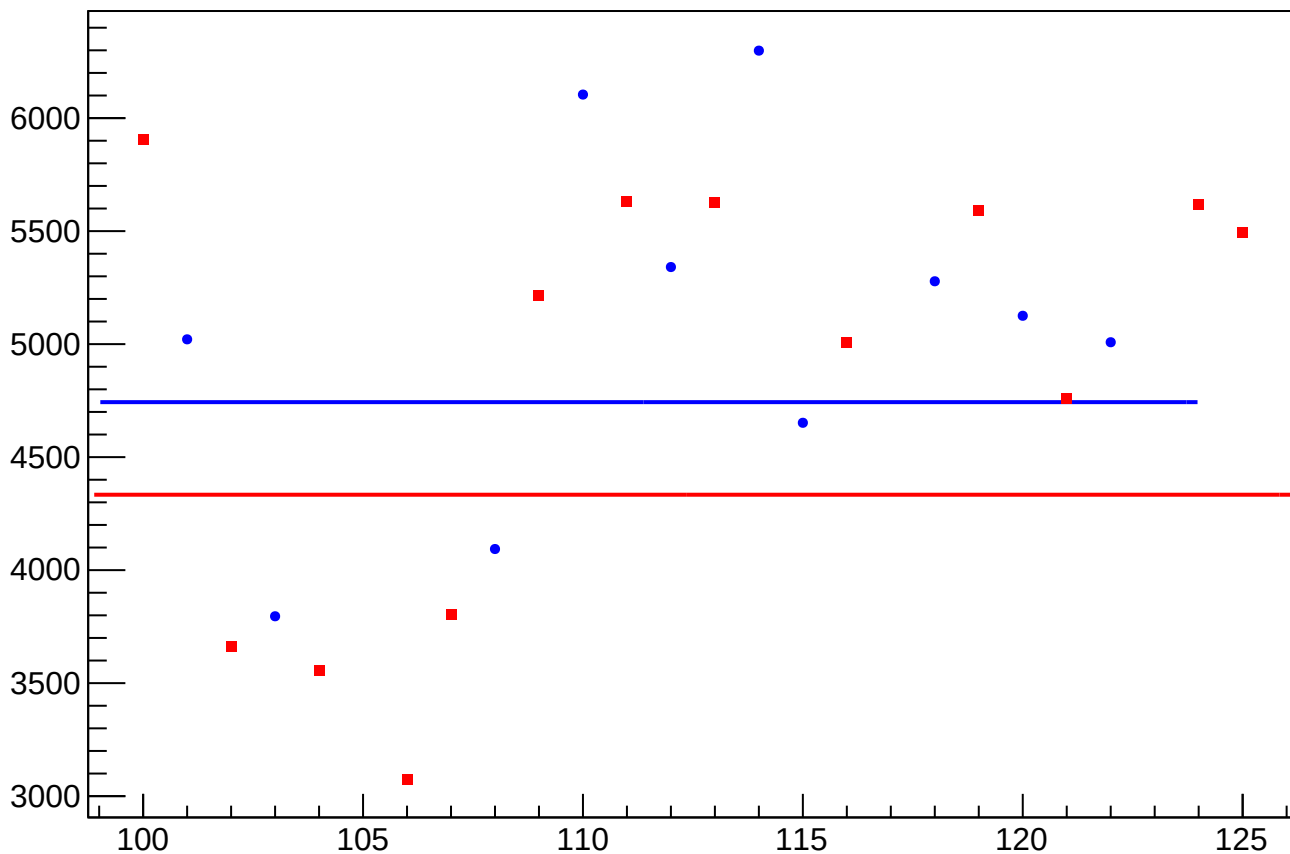
Right: -1205.248+/-1521.653 χ^2/NDF : 21.2/22

In: -1197.653+/-2375.959 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1205.248+/-1521.653 χ^2/NDF : 21.2/22

asym_usr_atr2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4743.316+/-1.680 χ^2/NDF : 180321.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4333.692+/-1.401 χ^2/NDF : 471674.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

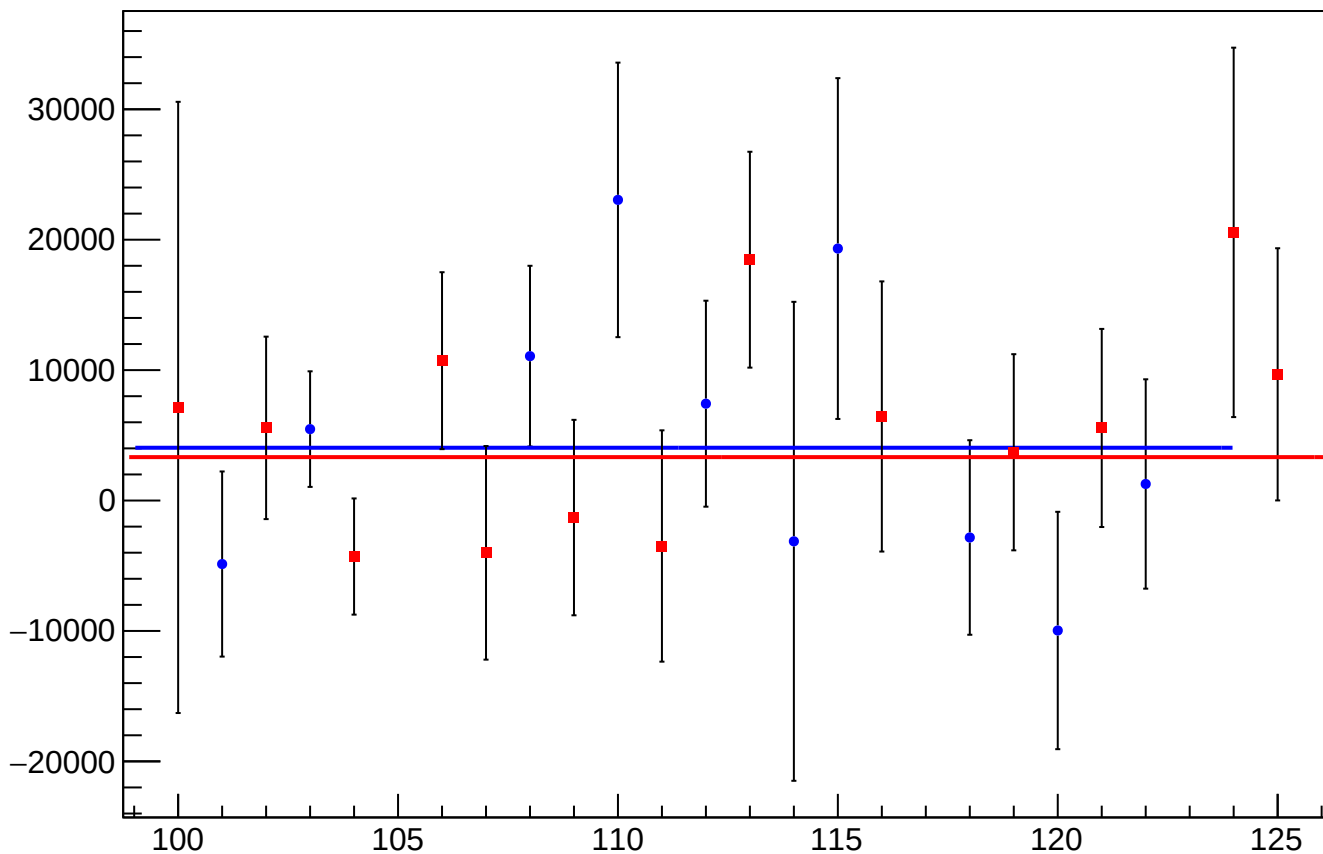
Right: 4501.703+/-1.076 χ^2/NDF : 687060.3/22

In: 4743.316+/-1.680 χ^2/NDF : 180321.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4501.703+/-1.076 χ^2/NDF : 687060.3/22

asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 4048.046 $\pm$ 2417.832 χ^2 /NDF: 11.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3328.622 $\pm$ 2159.488 χ^2 /NDF: 11.5/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

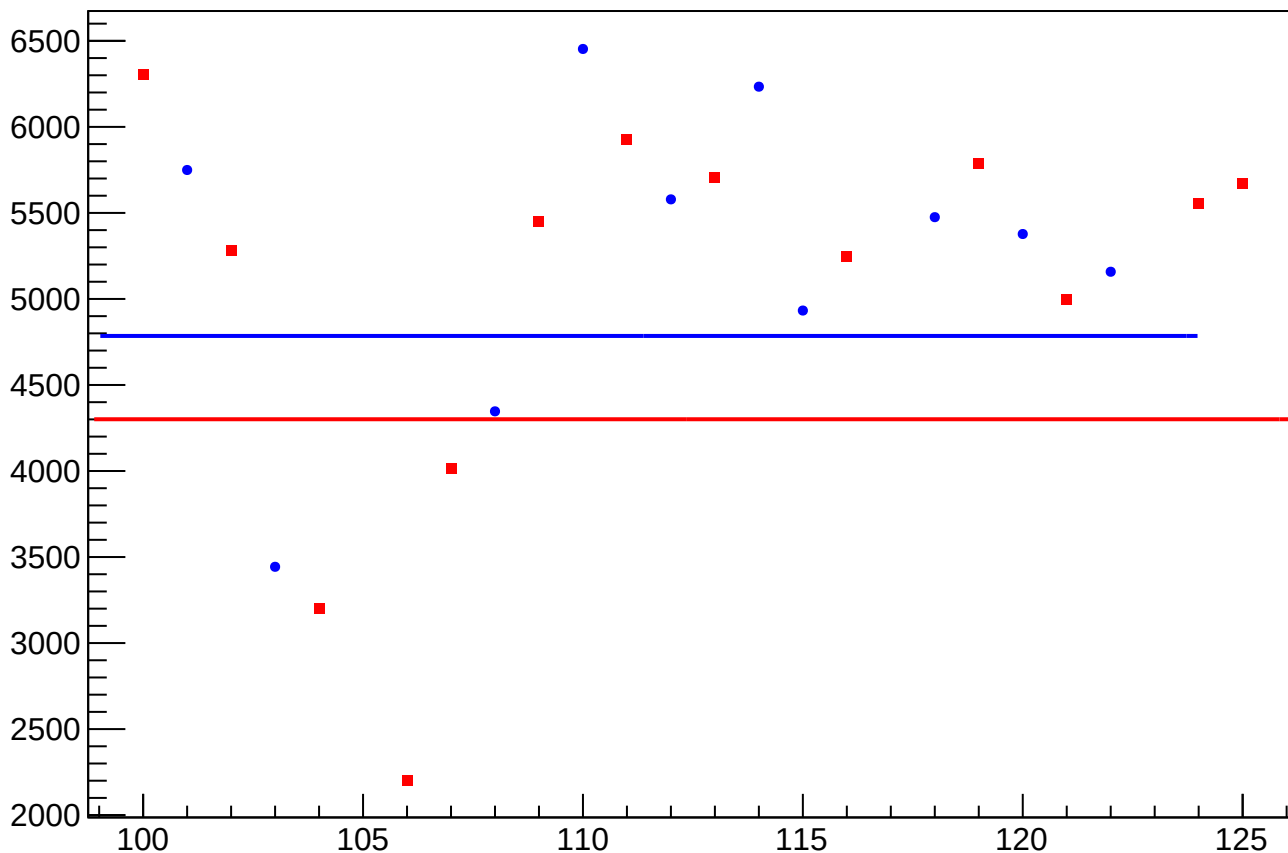
Right: 3647.859 $\pm$ 1610.609 χ^2 /NDF: 22.5/22

In: 4048.046 $\pm$ 2417.832 χ^2 /NDF:11.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3647.859 $\pm$ 1610.609 χ^2 /NDF: 22.5/22

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: 4300.793+/-1.451 χ^2/NDF : 911592.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

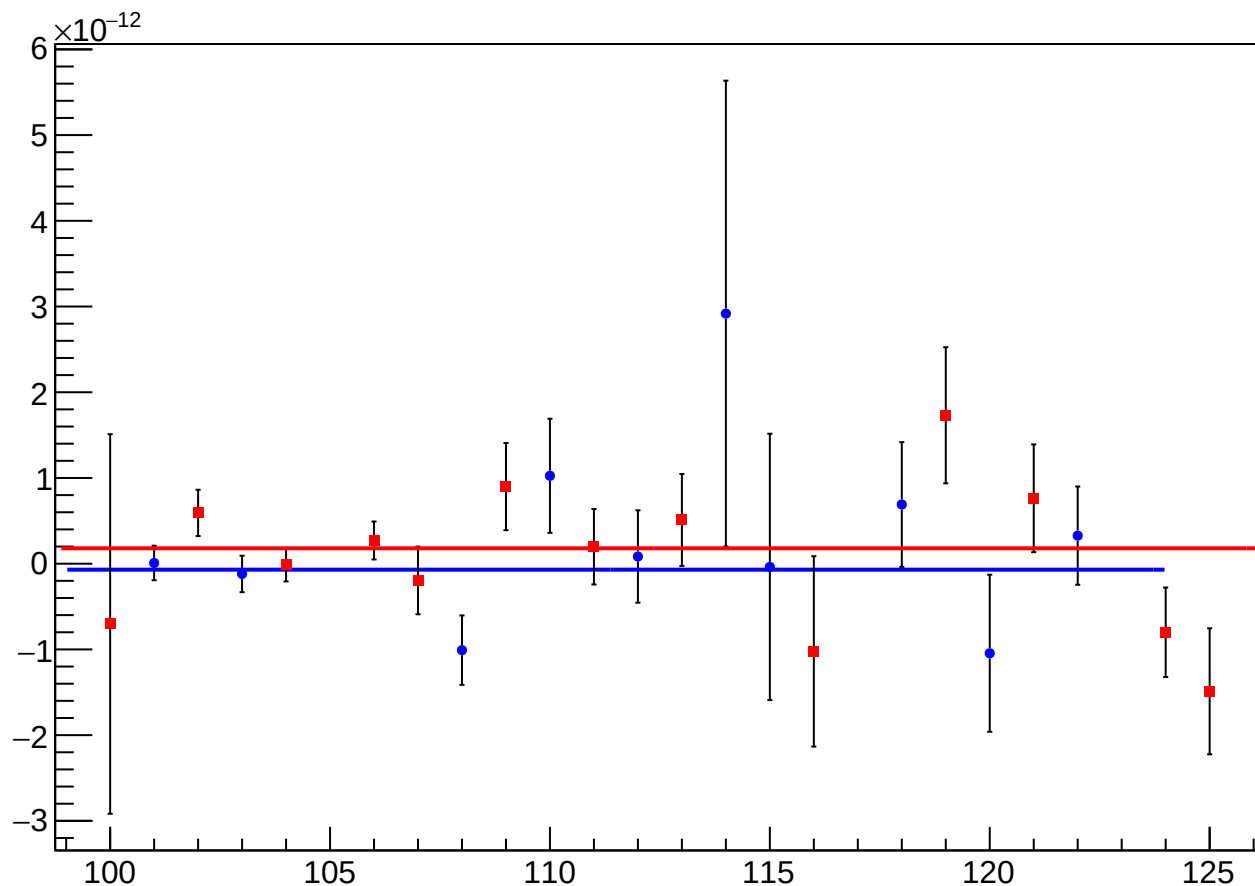
Right: 4503.598+/-1.106 χ^2/NDF : 1299530.1/22

In: 4785.004+/-1.710 χ^2/NDF : 341320.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4503.598+/-1.106 χ^2/NDF : 1299530.1/22

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 : 21.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

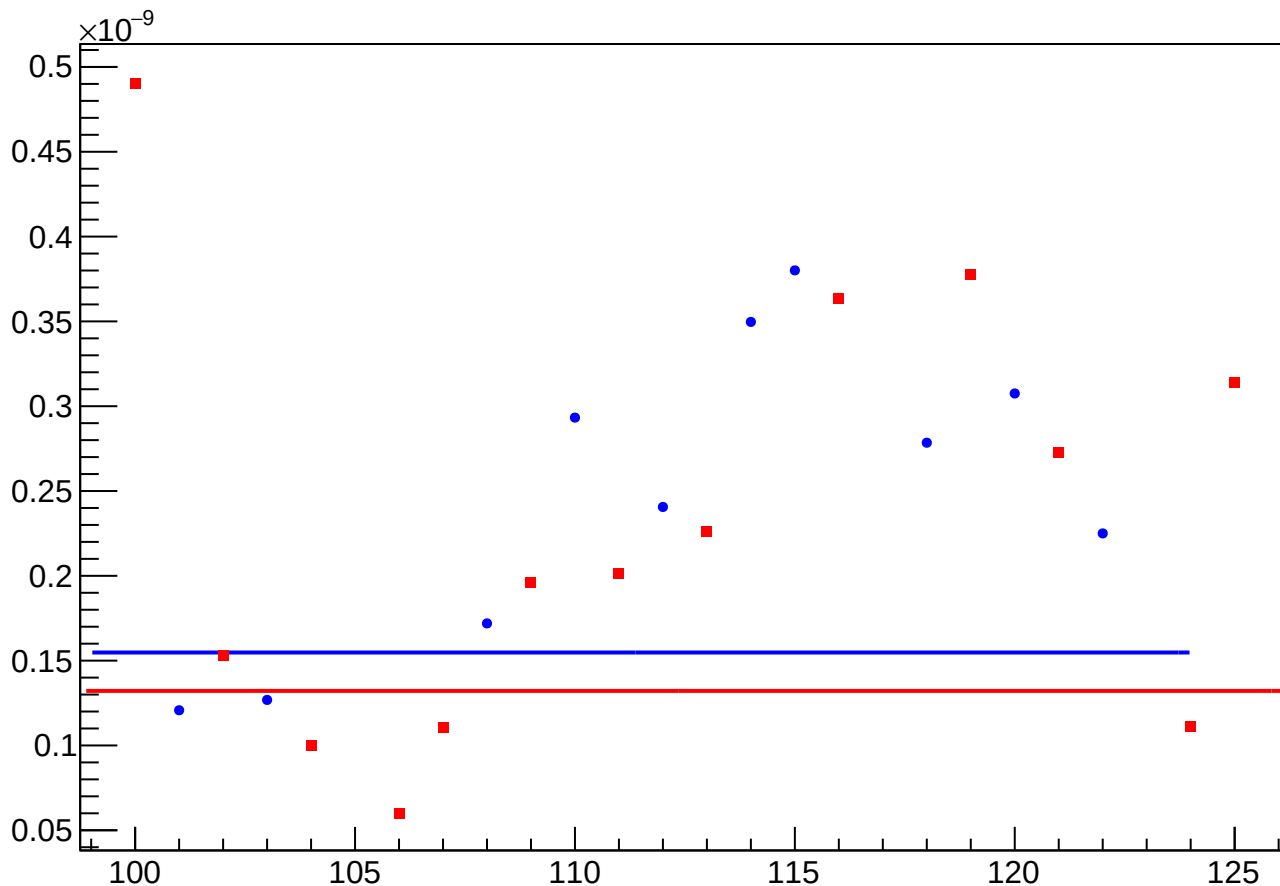
Right: 0.000+/-0.000 χ^2/NDF : 36.1/22

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 : 36.1/22

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 : 986333.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

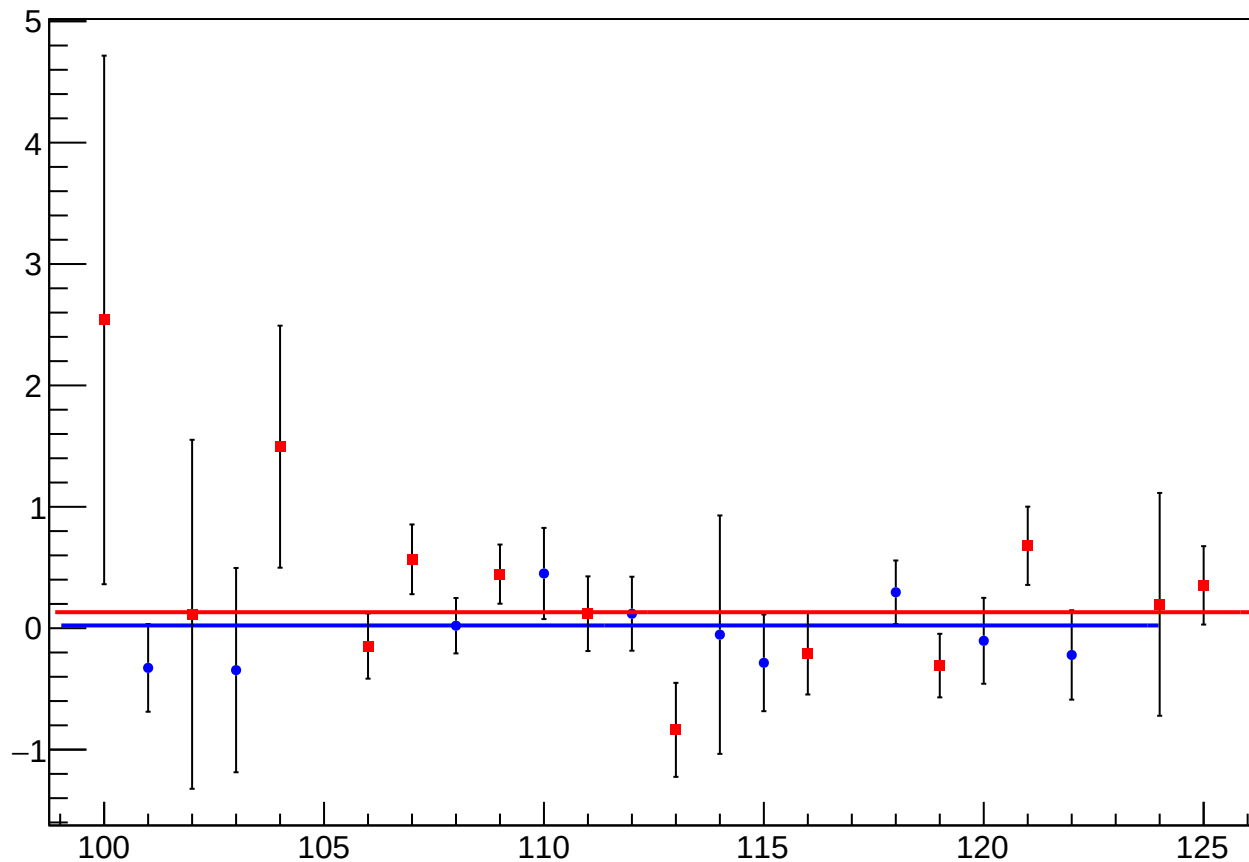
Right: 0.000+/-0.000 χ^2/NDF : 1453838.6/22

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 : 1453838.6/22

asym_usr_atr2_avg_dit_vs_Slug, Sign Corrected



Right In: 0.023+/-0.109 χ^2/NDF : 4.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.132+/-0.097 χ^2/NDF : 21.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

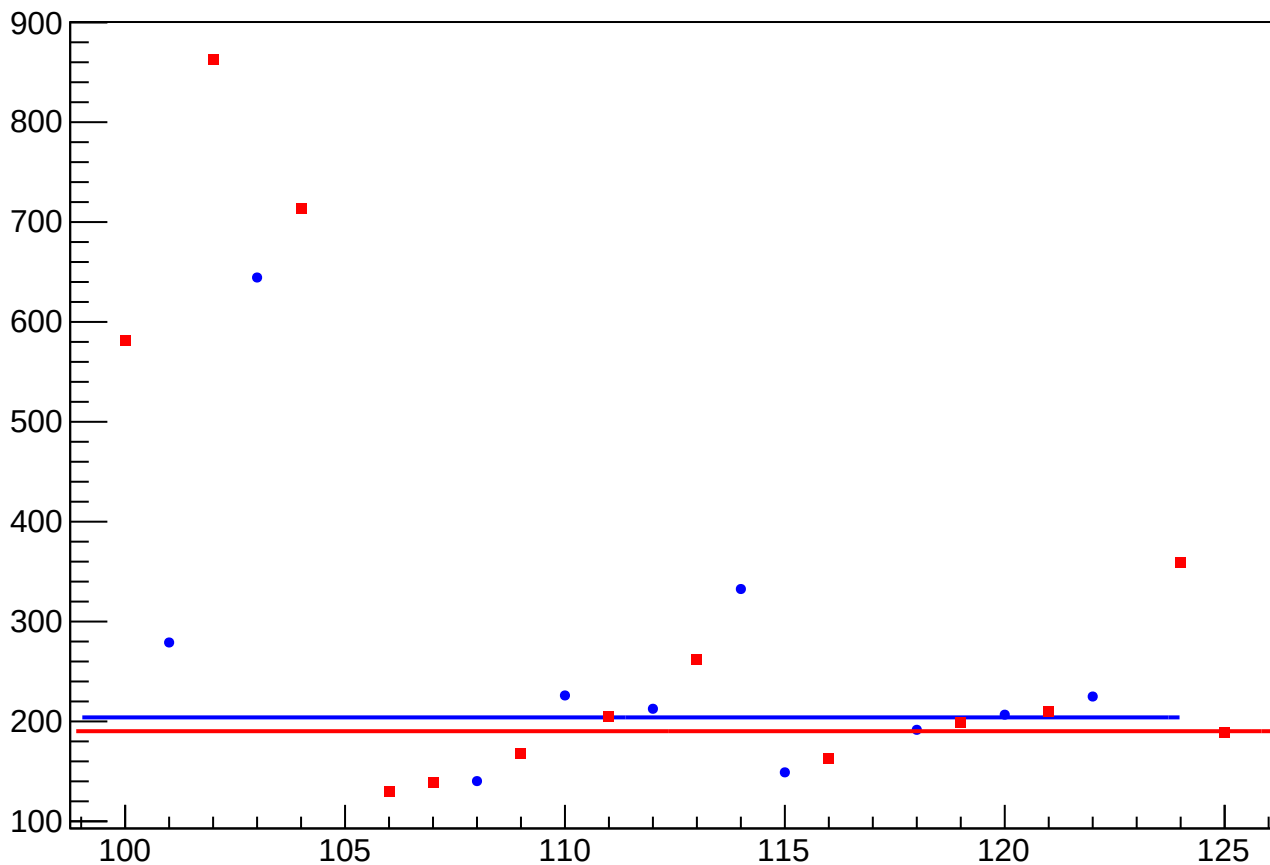
Right: 0.084+/-0.073 χ^2/NDF : 26.9/22

In: 0.023+/-0.109 χ^2/NDF : 4.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.084+/-0.073 χ^2/NDF : 26.9/22

asym_usr_atr2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 204.047+/-0.077 χ^2/NDF : 882405.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 190.218+/-0.069 χ^2/NDF : 1397671.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

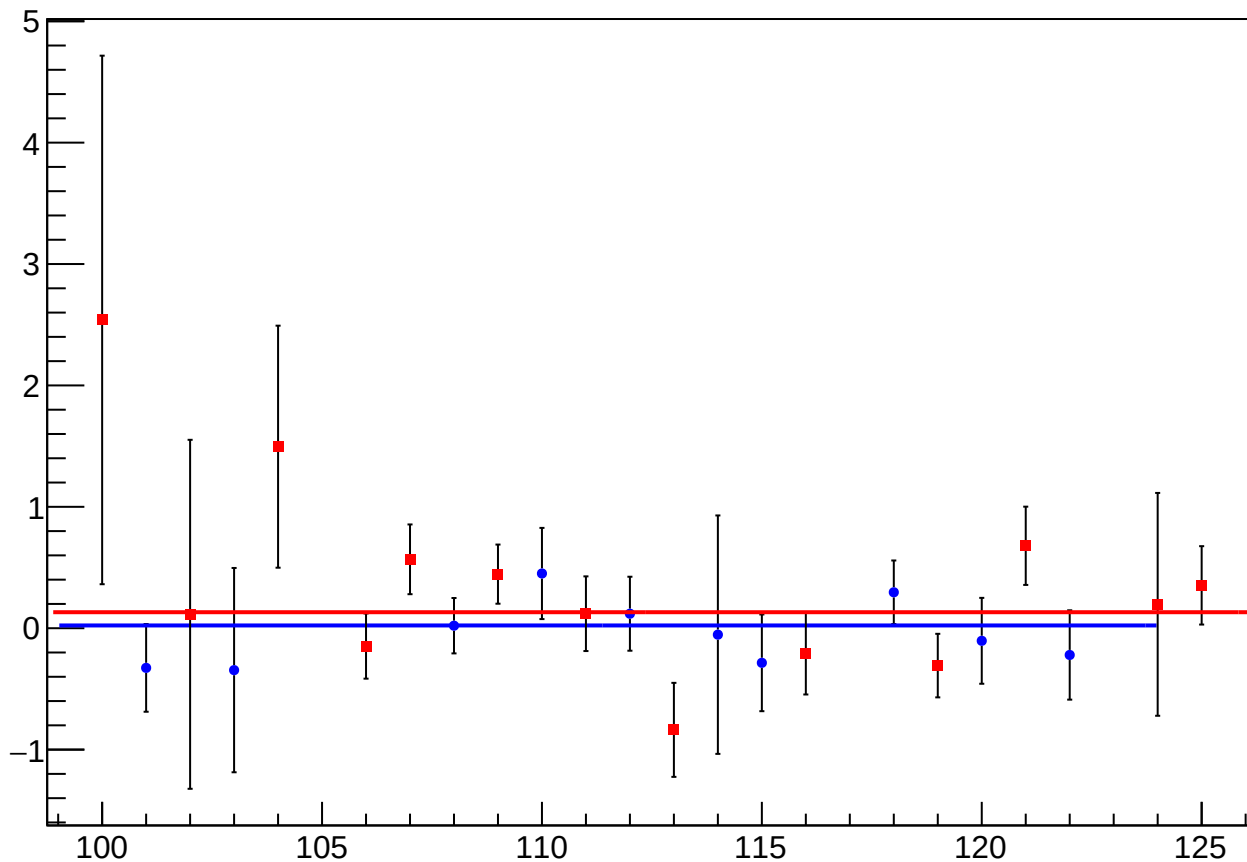
Right: 196.321+/-0.051 χ^2/NDF : 2297908.8/22

In: 204.047+/-0.077 χ^2/NDF :882405.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 196.321+/-0.051 χ^2/NDF : 2297908.8/22

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: 0.132+/-0.097 χ^2/NDF : 21.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

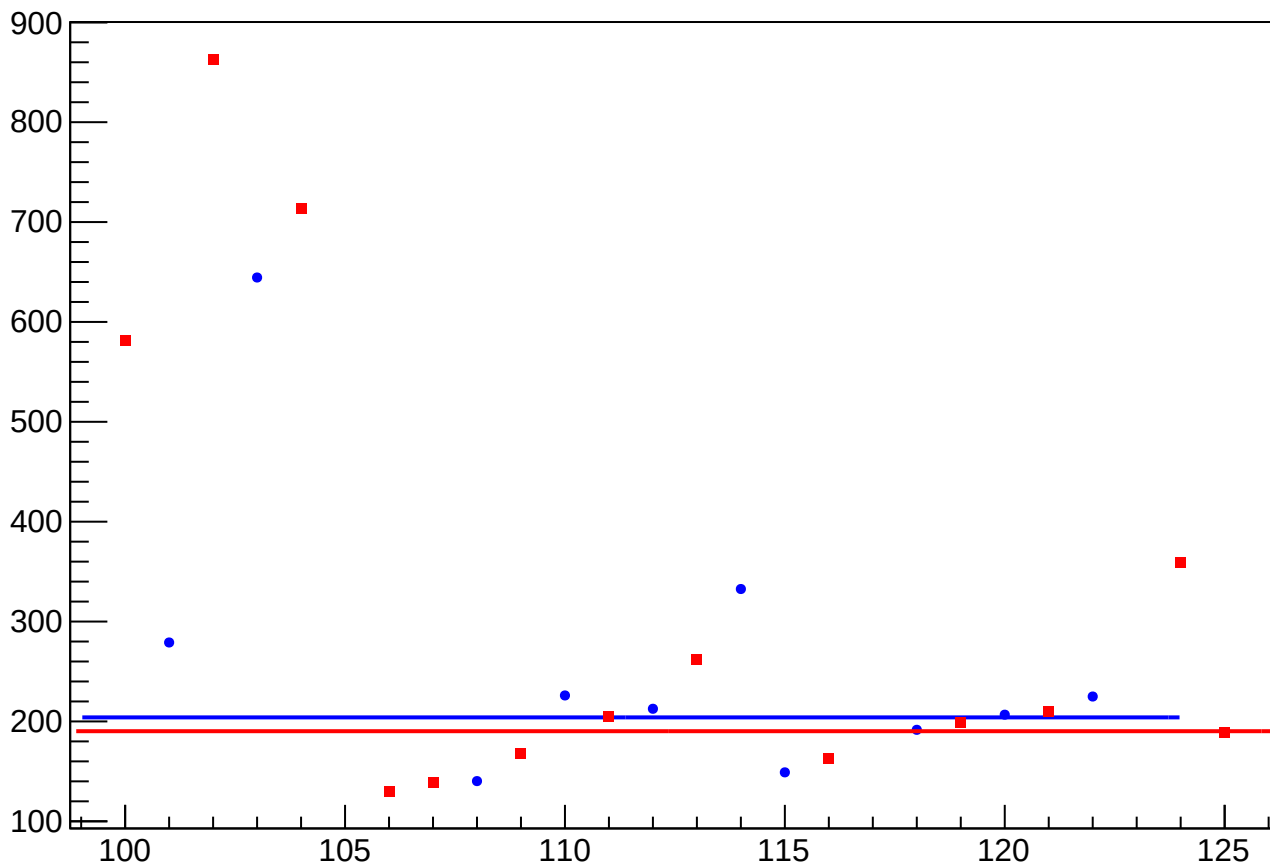
Right: 0.084+/-0.073 χ^2/NDF : 26.9/22

In: 0.023+/-0.109 χ^2/NDF : 4.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.084+/-0.073 χ^2/NDF : 26.9/22

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 204.047+/-0.077 χ^2/NDF : 882405.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 190.218+/-0.069 χ^2/NDF : 1397671.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

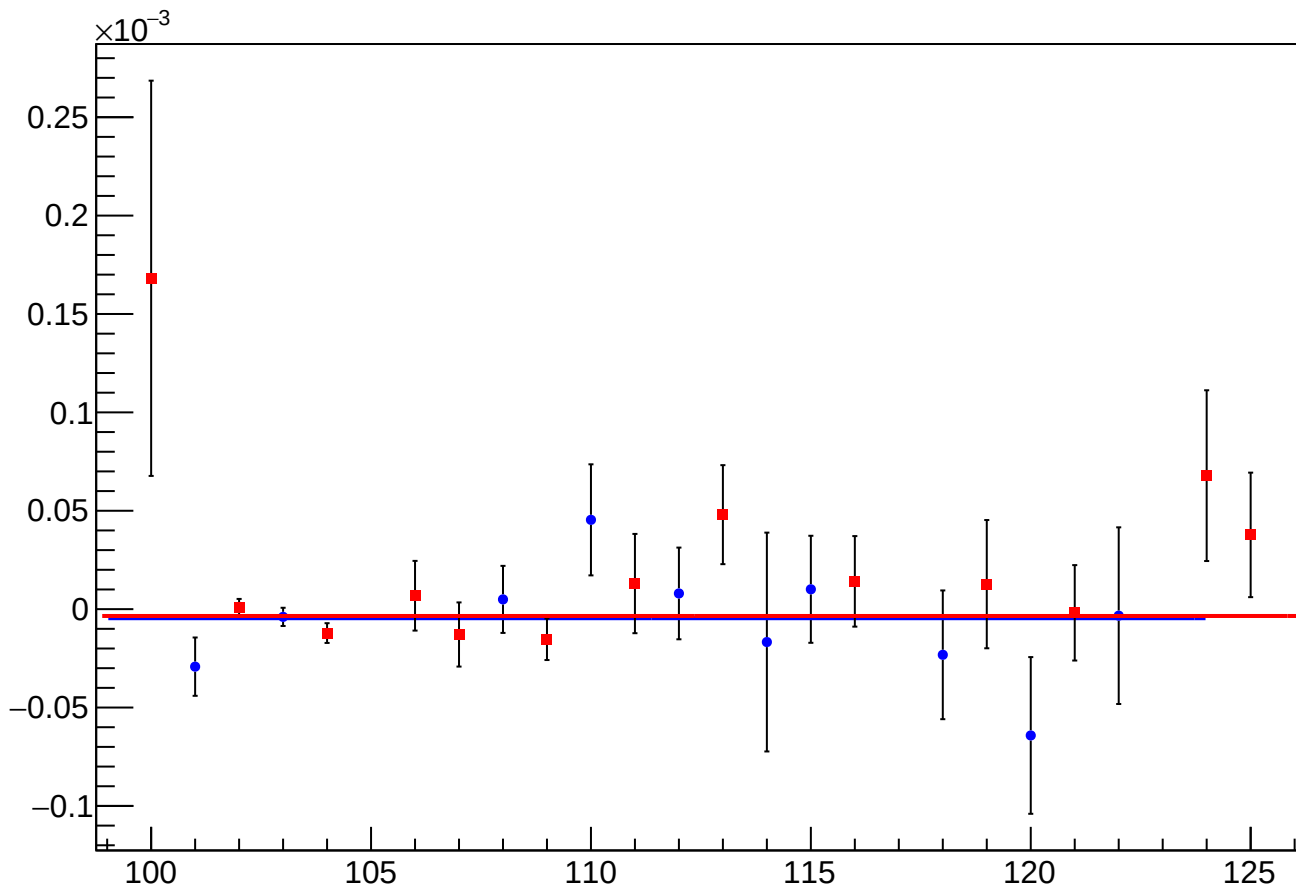
Right: 196.321+/-0.051 χ^2/NDF : 2297908.8/22

In: 204.047+/-0.077 χ^2/NDF : 882405.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 196.321+/-0.051 χ^2/NDF : 2297908.8/22

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 : 18.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

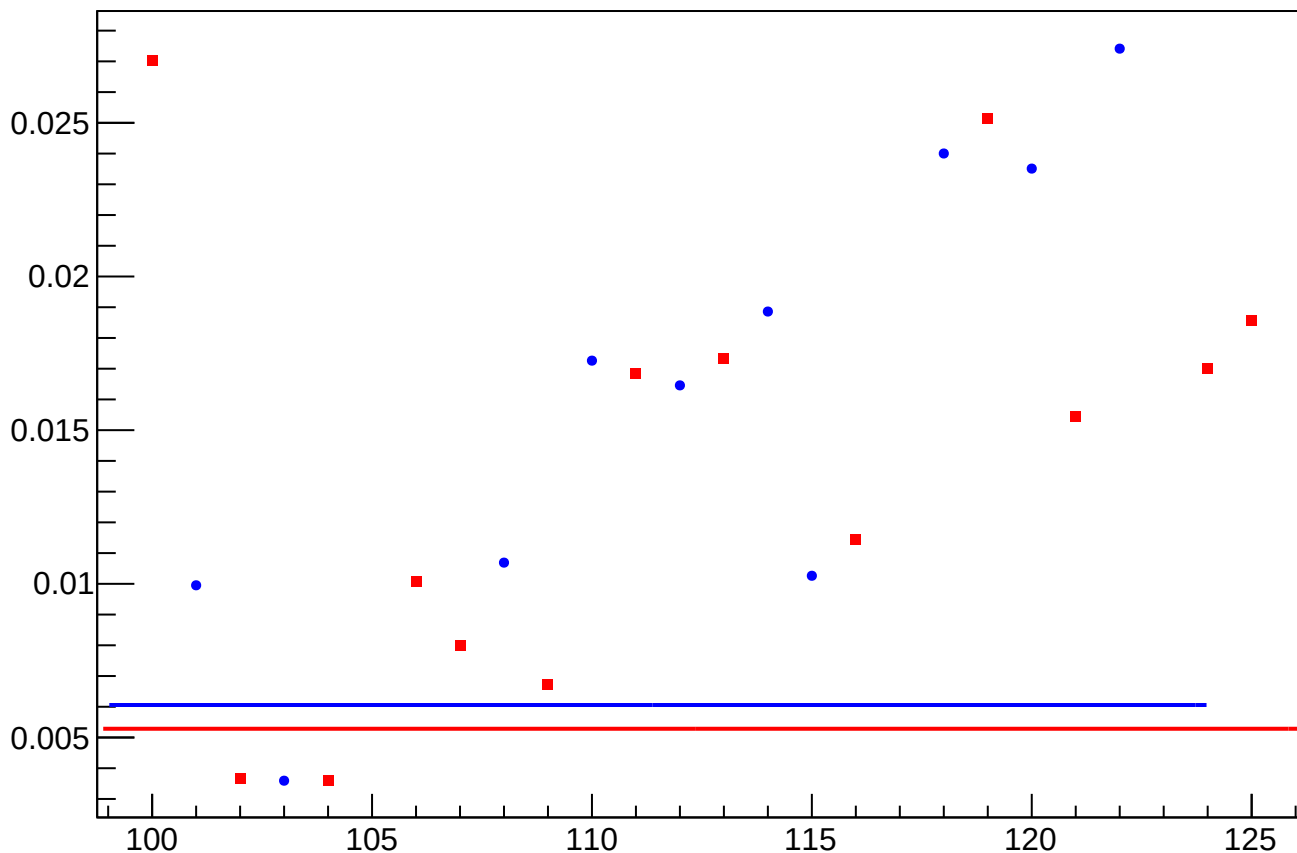
Right: -0.000+/-0.000 χ^2/NDF : 28.0/22

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 : 28.0/22

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 : 3422054.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

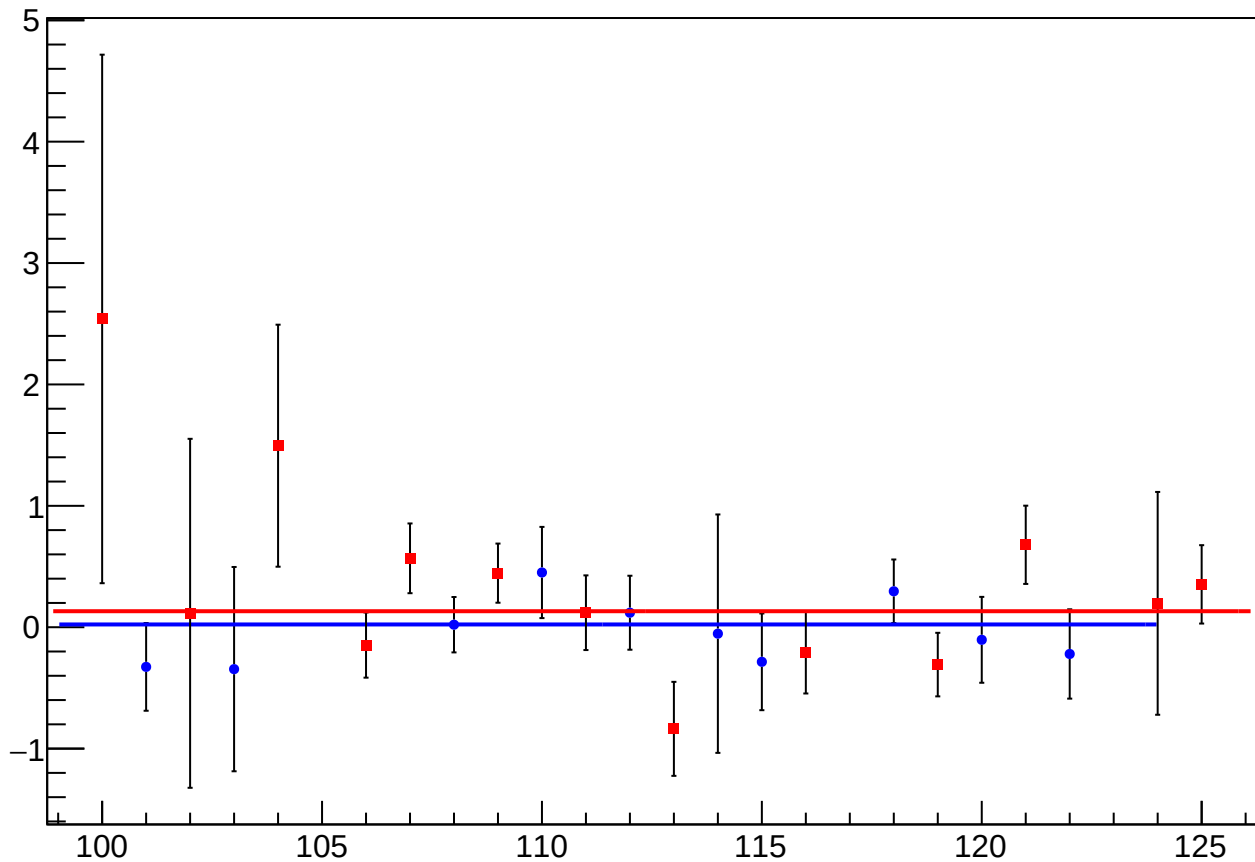
Right: 0.006+/-0.000 χ^2/NDF : 6629493.6/22

In: 0.006+/-0.000 χ^2/NDF :3159767.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 6629493.6/22

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: 0.132+/-0.097 χ^2/NDF : 21.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

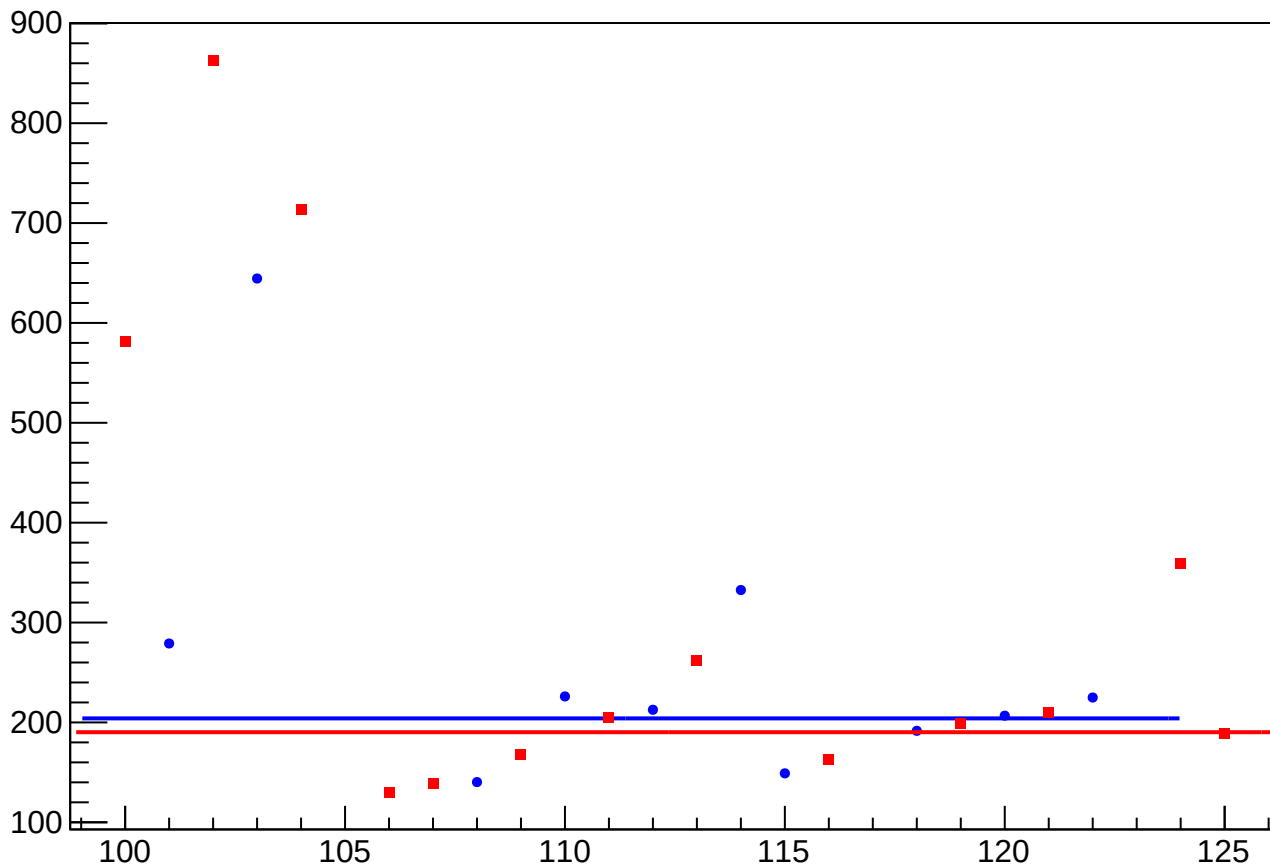
Right: 0.084+/-0.073 χ^2/NDF : 26.9/22

In: 0.023+/-0.109 χ^2/NDF :4.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.084+/-0.073 χ^2/NDF : 26.9/22

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 204.046+/-0.077 χ^2/NDF : 882414.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 190.217+/-0.069 χ^2/NDF : 1397661.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

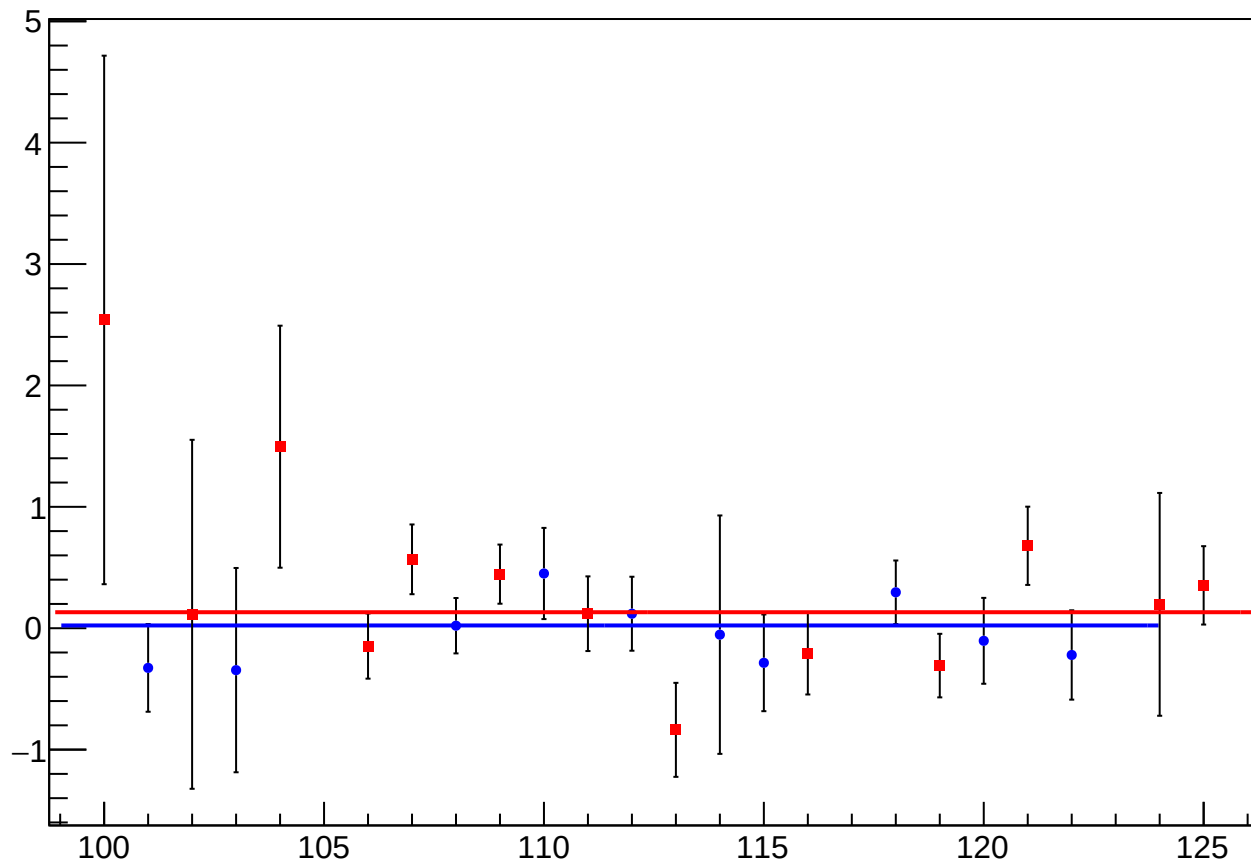
Right: 196.320+/-0.051 χ^2/NDF : 2297906.0/22

In: 204.046+/-0.077 χ^2/NDF :882414.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 196.320+/-0.051 χ^2/NDF : 2297906.0/22

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: 0.132+/-0.097 χ^2/NDF : 21.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

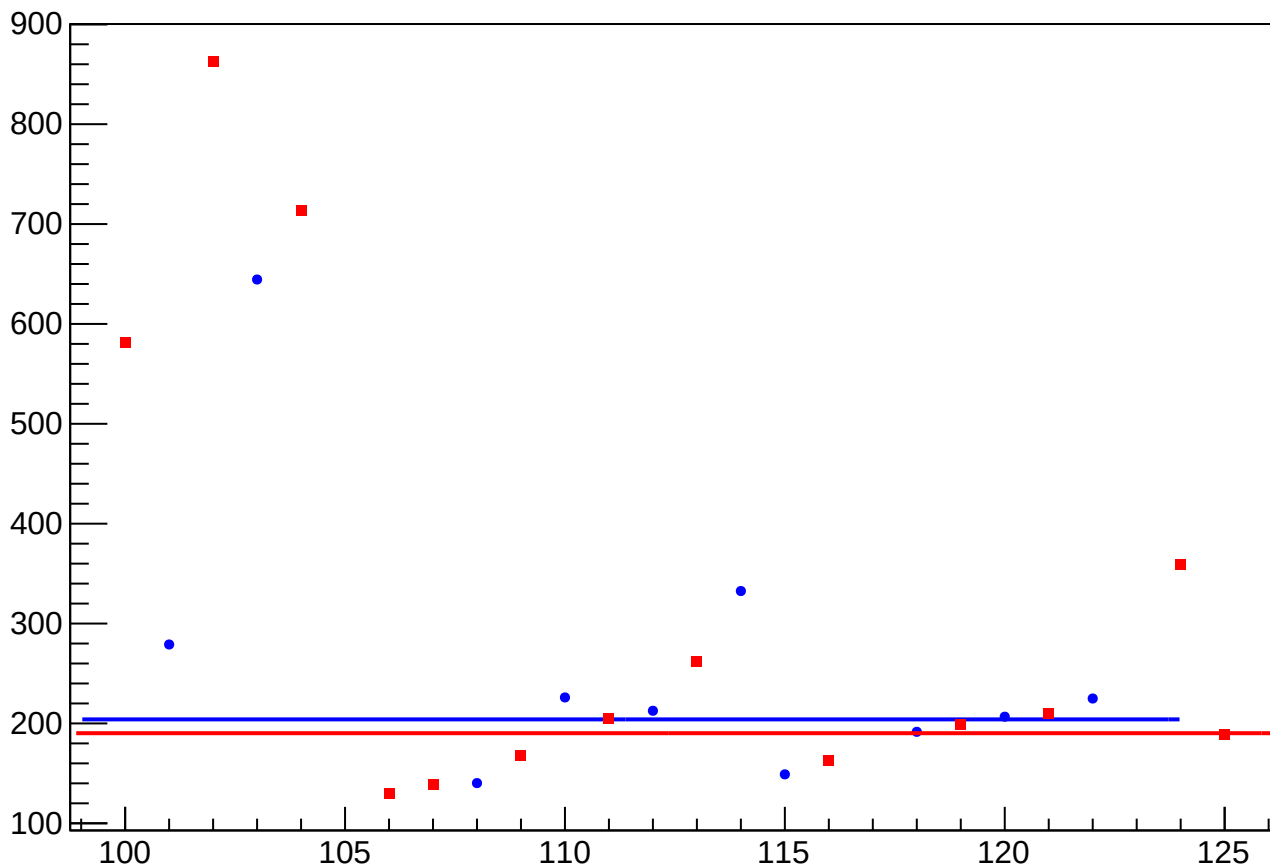
Right: 0.084+/-0.073 χ^2/NDF : 26.9/22

In: 0.023+/-0.109 χ^2/NDF : 4.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.084+/-0.073 χ^2/NDF : 26.9/22

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 204.046+/-0.077 χ^2/NDF : 882414.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 190.217+/-0.069 χ^2/NDF : 1397661.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

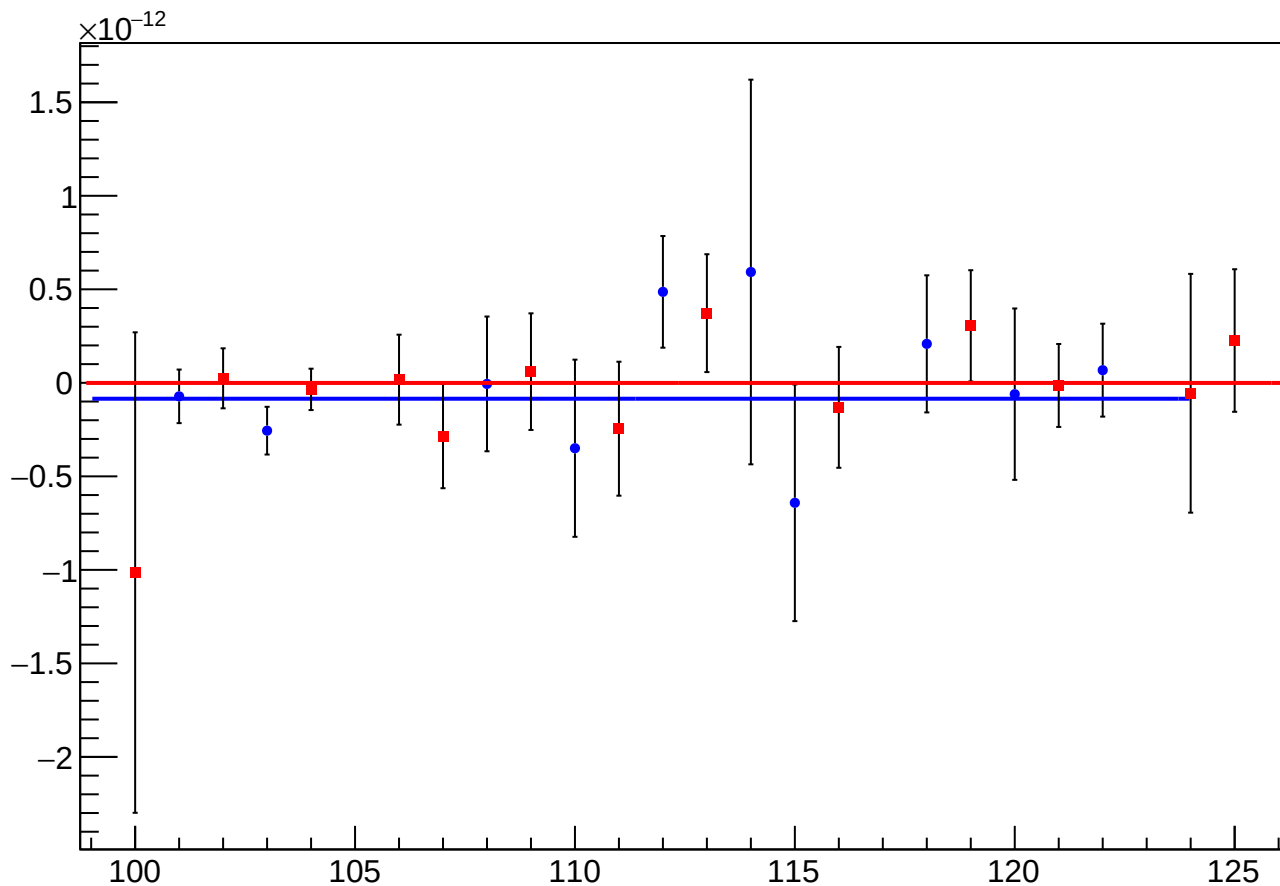
Right: 196.320+/-0.051 χ^2/NDF : 2297906.0/22

In: 204.046+/-0.077 χ^2/NDF : 882414.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 196.320+/-0.051 χ^2/NDF : 2297906.0/22

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 : 5.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

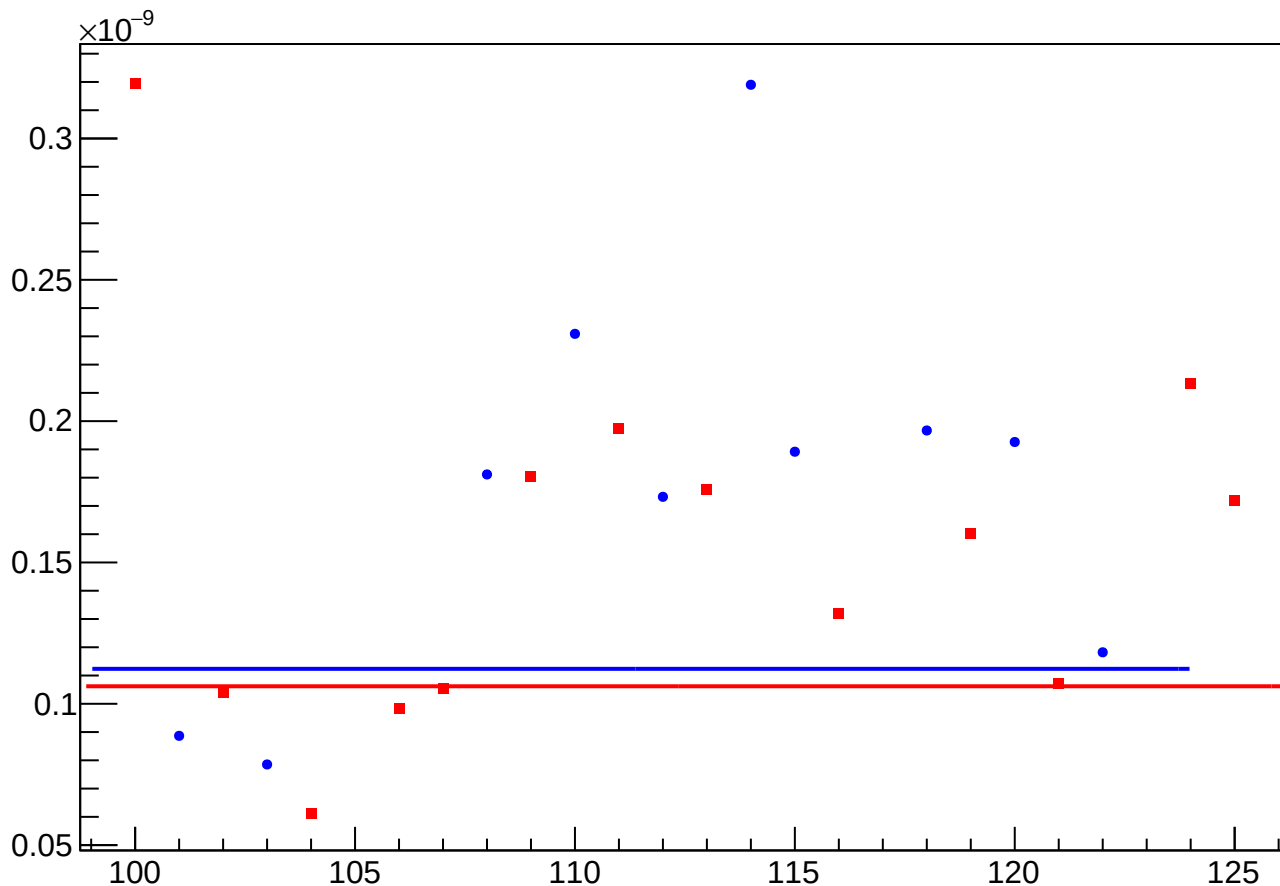
Right: -0.000+/-0.000 χ^2/NDF : 14.0/22

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 : 14.0/22

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 : 925989.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

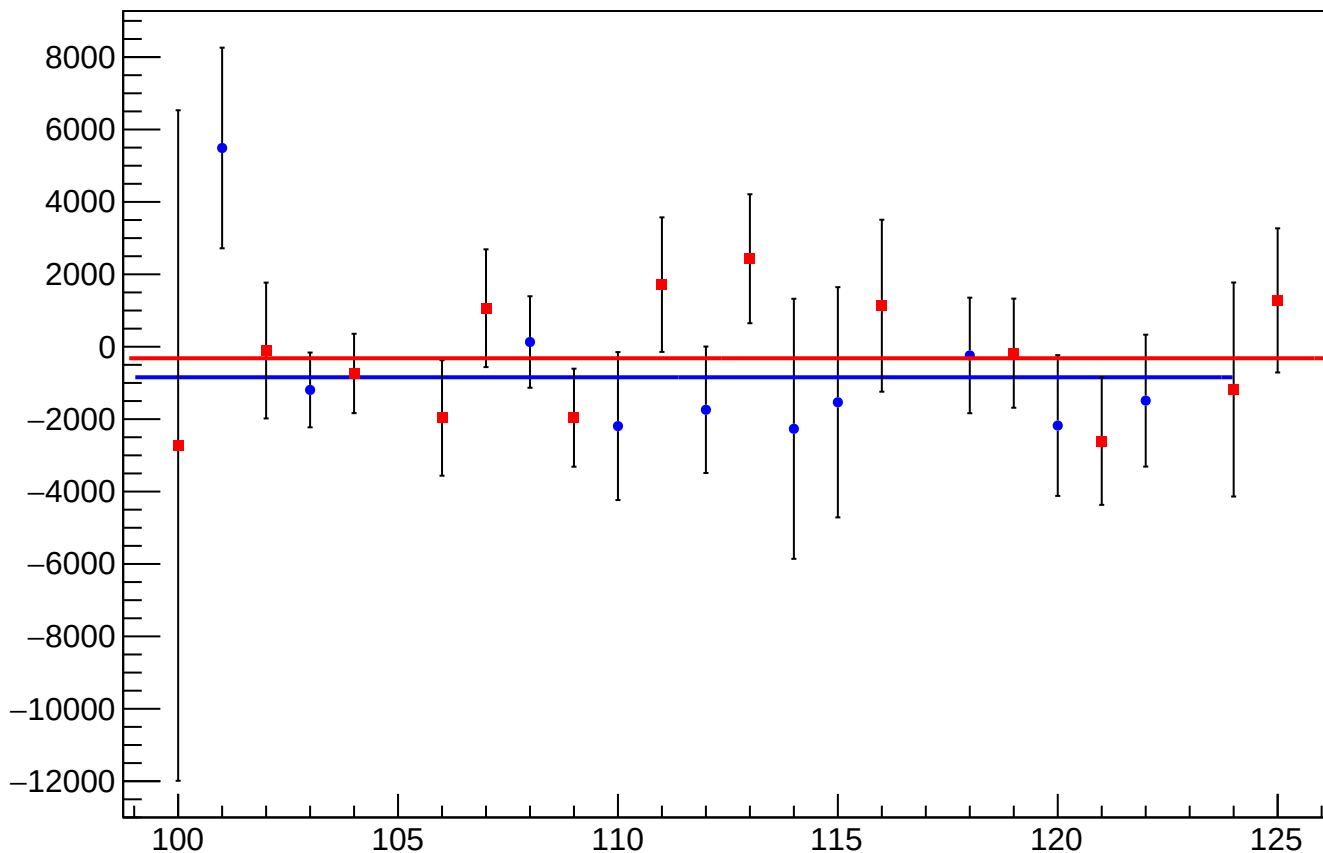
Right: 0.000+/-0.000 χ^2/NDF : 1688662.6/22

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 : 1688662.6/22

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: -317.889+/-479.070 χ^2 /NDF: 9.9/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

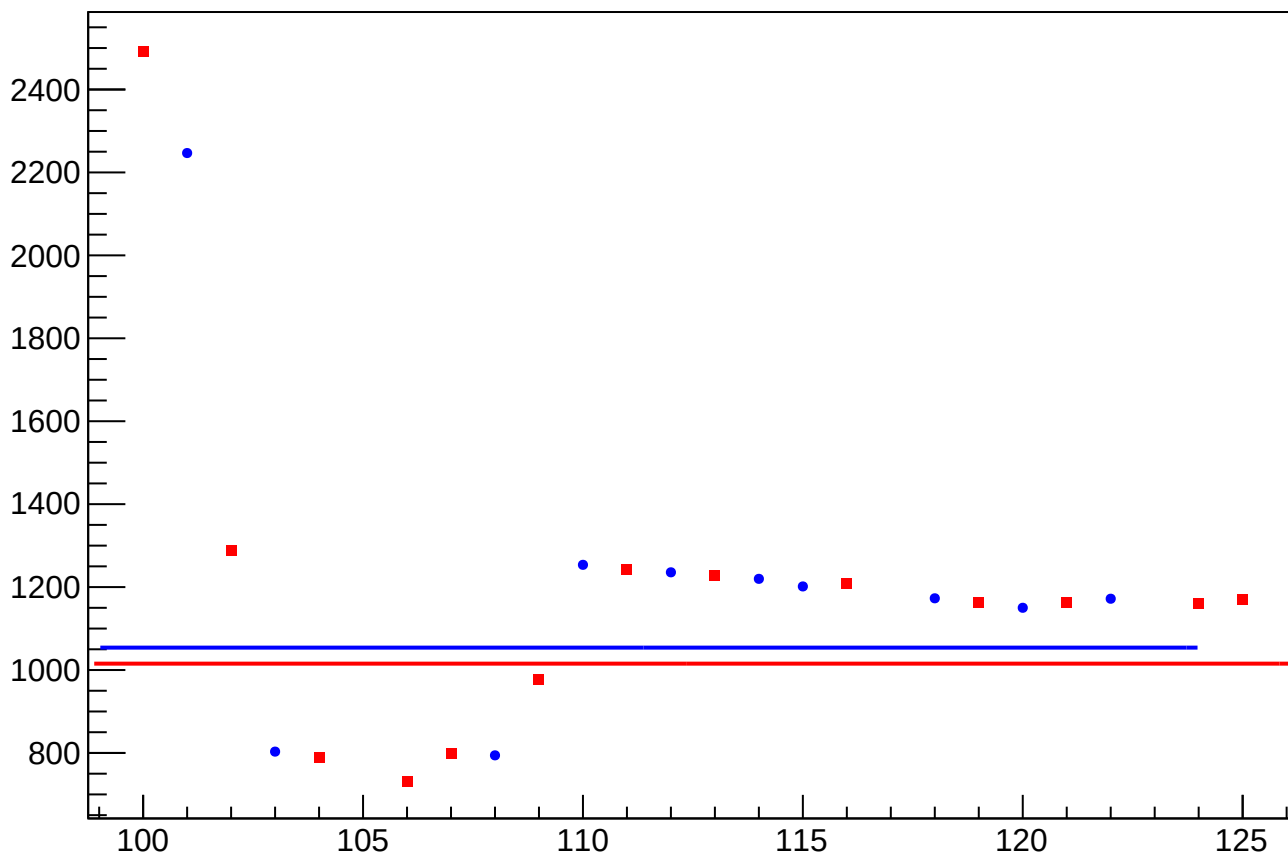
Right: -548.032+/-359.127 χ^2 /NDF: 18.0/22

In: -843.270+/-542.608 χ^2 /NDF:7.6/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -548.032+/-359.127 χ^2 /NDF: 18.0/22

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: 1015.378+/-0.335 χ^2/NDF : 416081.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

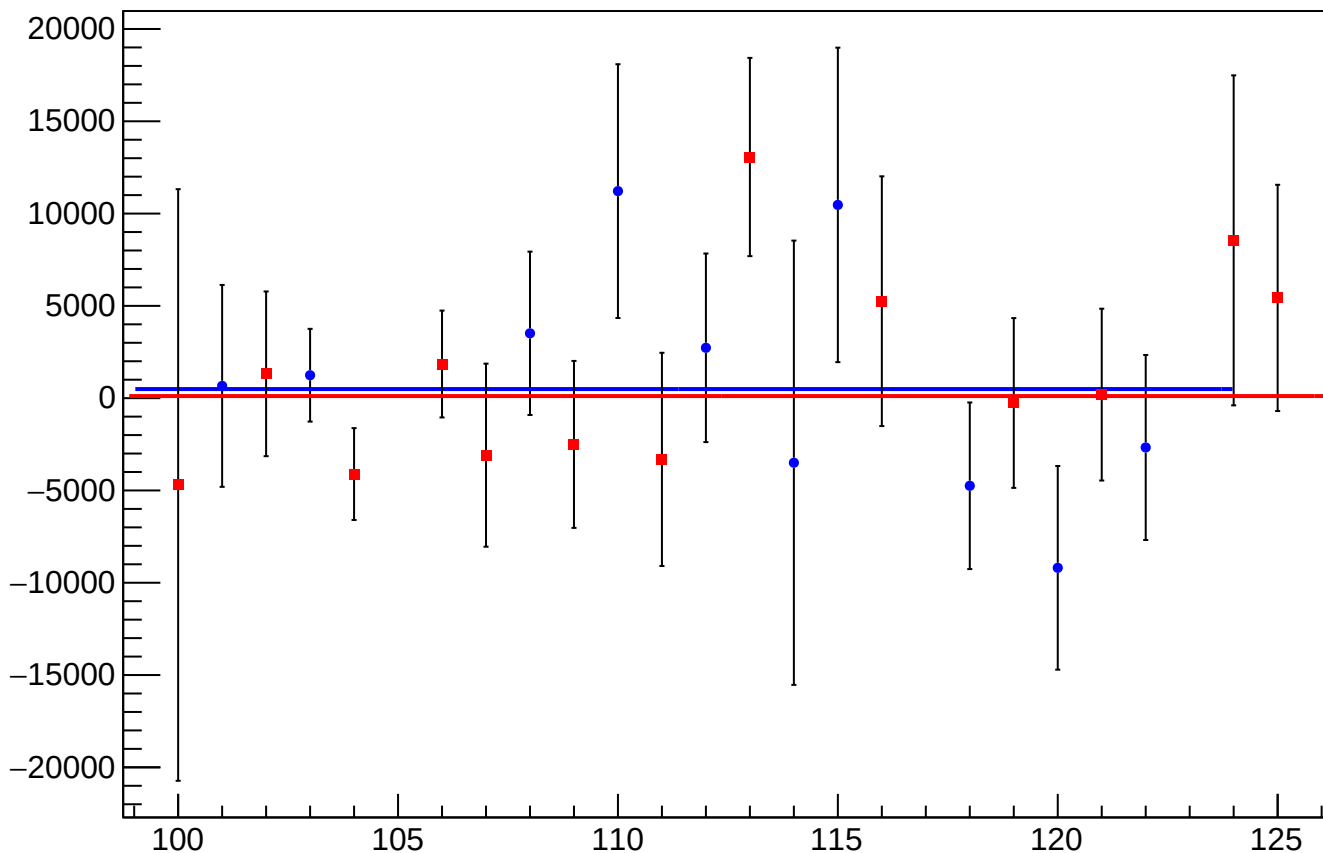
Right: 1032.093+/-0.252 χ^2/NDF : 1068571.3/22

In: 1054.025+/-0.384 χ^2/NDF :646732.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1032.093+/-0.252 χ^2/NDF : 1068571.3/22

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: 113.410+/-1246.425 χ^2/NDF : 12.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

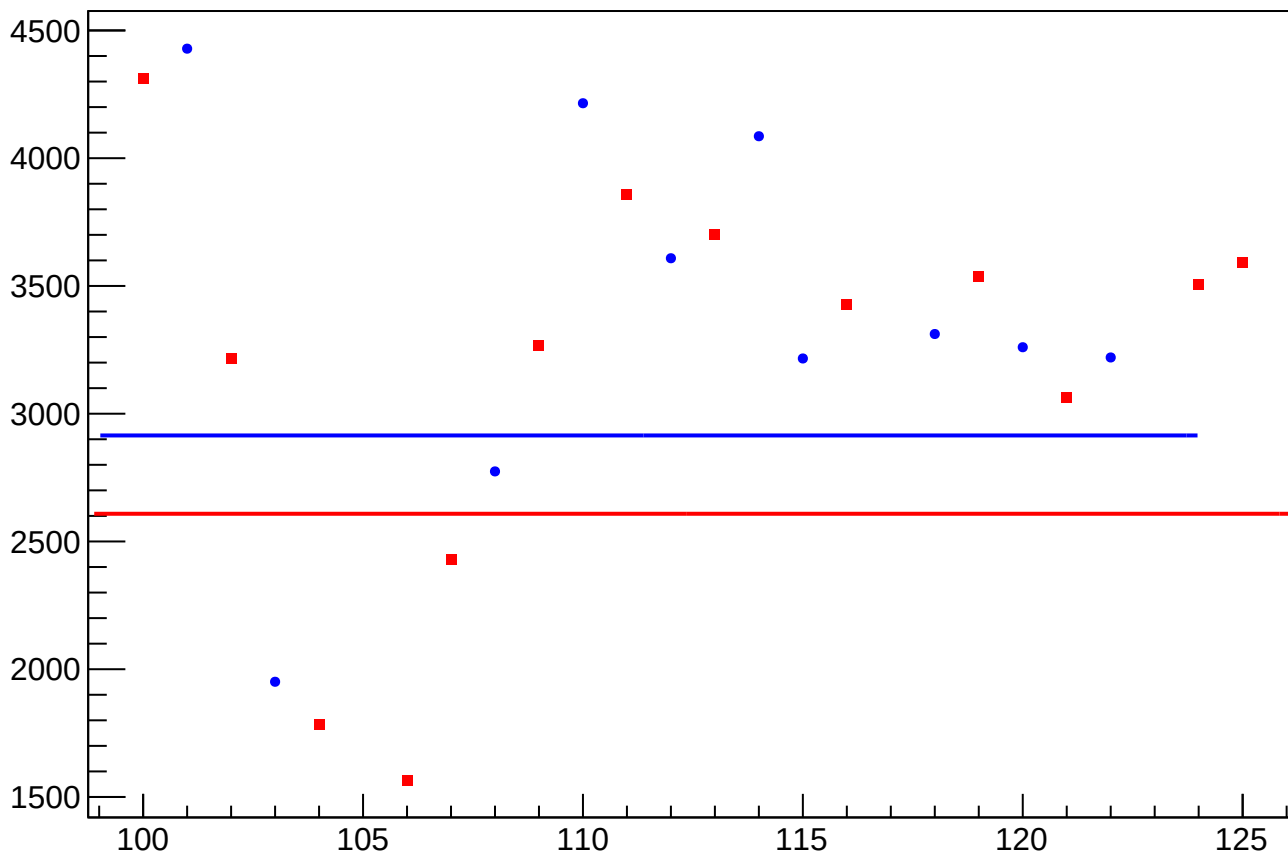
Right: 268.536+/-958.472 χ^2/NDF : 22.1/22

In: 492.995+/-1499.308 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 268.536+/-958.472 χ^2/NDF : 22.1/22

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: 2608.395+/-0.881 χ^2/NDF : 962192.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

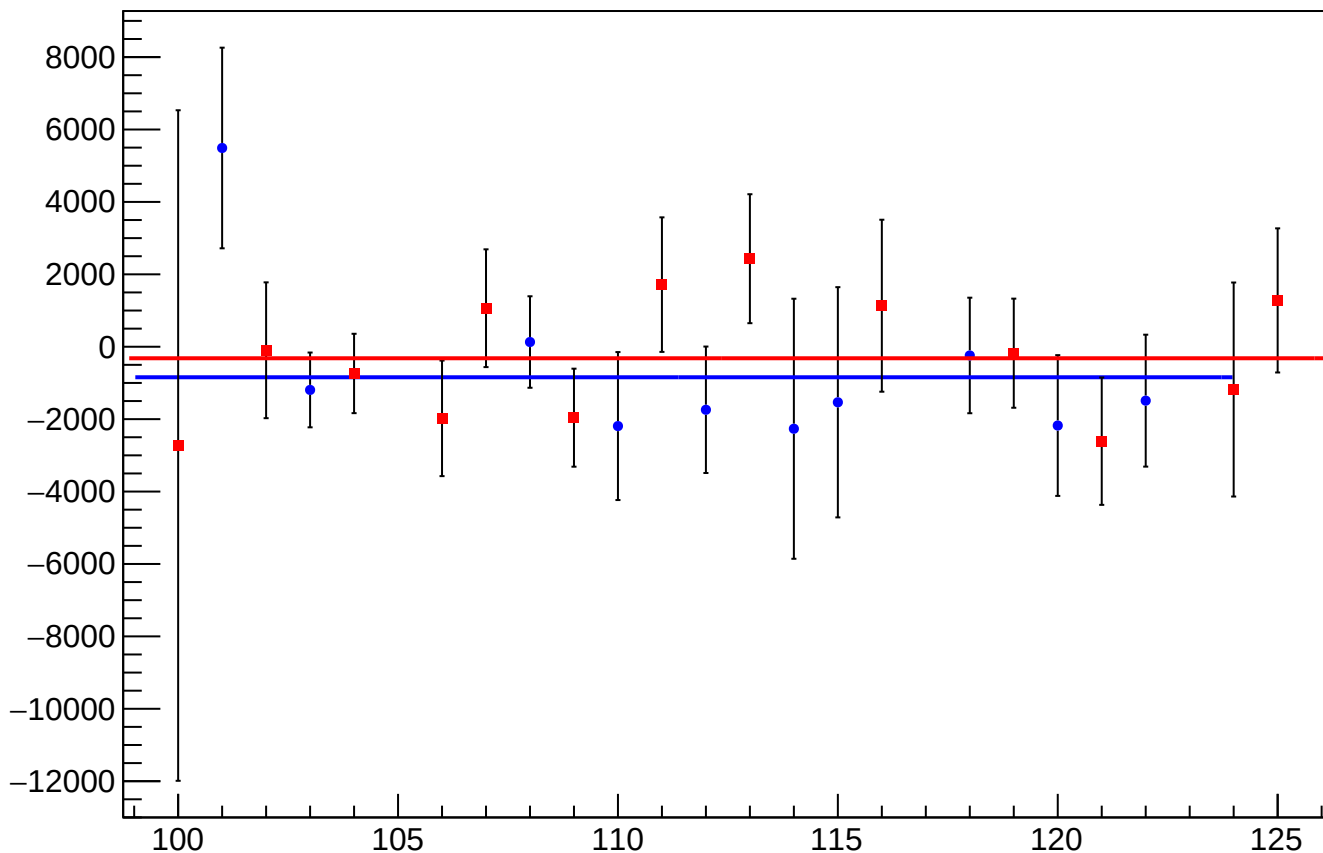
Right: 2733.659+/-0.678 χ^2/NDF : 1621894.1/22

In: 2914.909+/-1.060 χ^2/NDF : 610273.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2733.659+/-0.678 χ^2/NDF : 1621894.1/22

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: -318.304+/-479.077 χ^2/NDF : 9.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

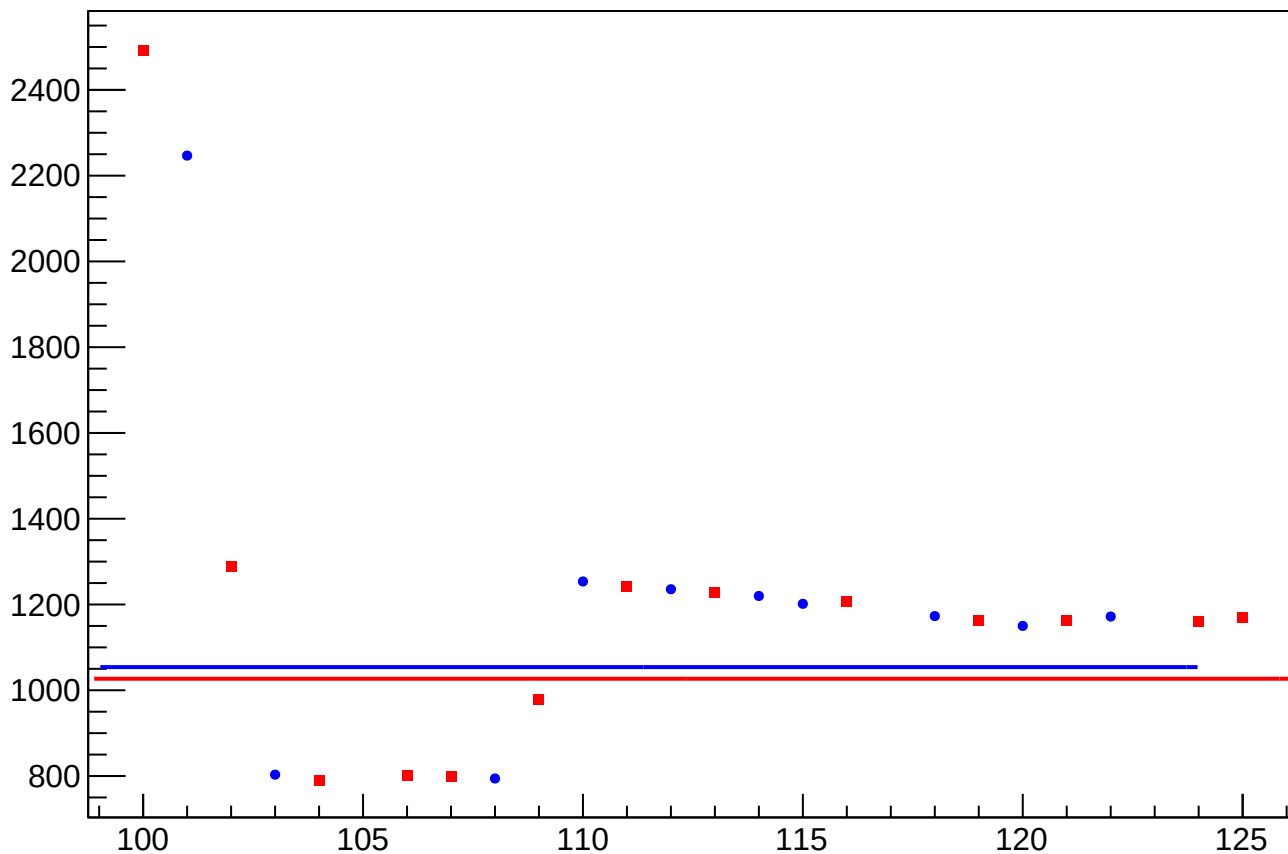
Right: -548.238+/-359.130 χ^2/NDF : 18.0/22

In: -843.201+/-542.608 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -548.238+/-359.130 χ^2/NDF : 18.0/22

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: 1026.911+/-0.338 χ^2/NDF : 373846.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

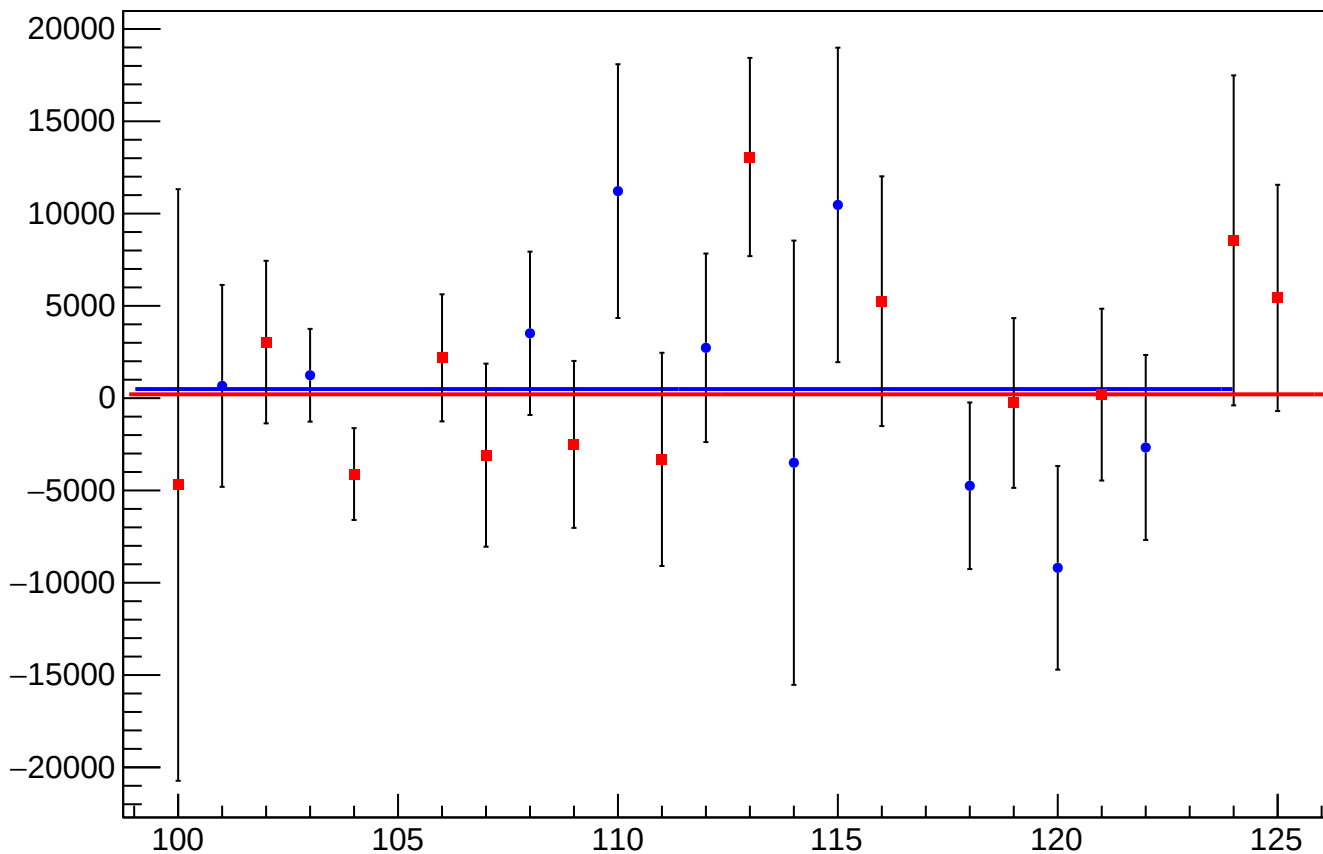
Right: 1038.754+/-0.254 χ^2/NDF : 1023388.8/22

In: 1054.026+/-0.384 χ^2/NDF :646729.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1038.754+/-0.254 χ^2/NDF : 1023388.8/22

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: 208.321+/-1280.322 χ^2/NDF : 12.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

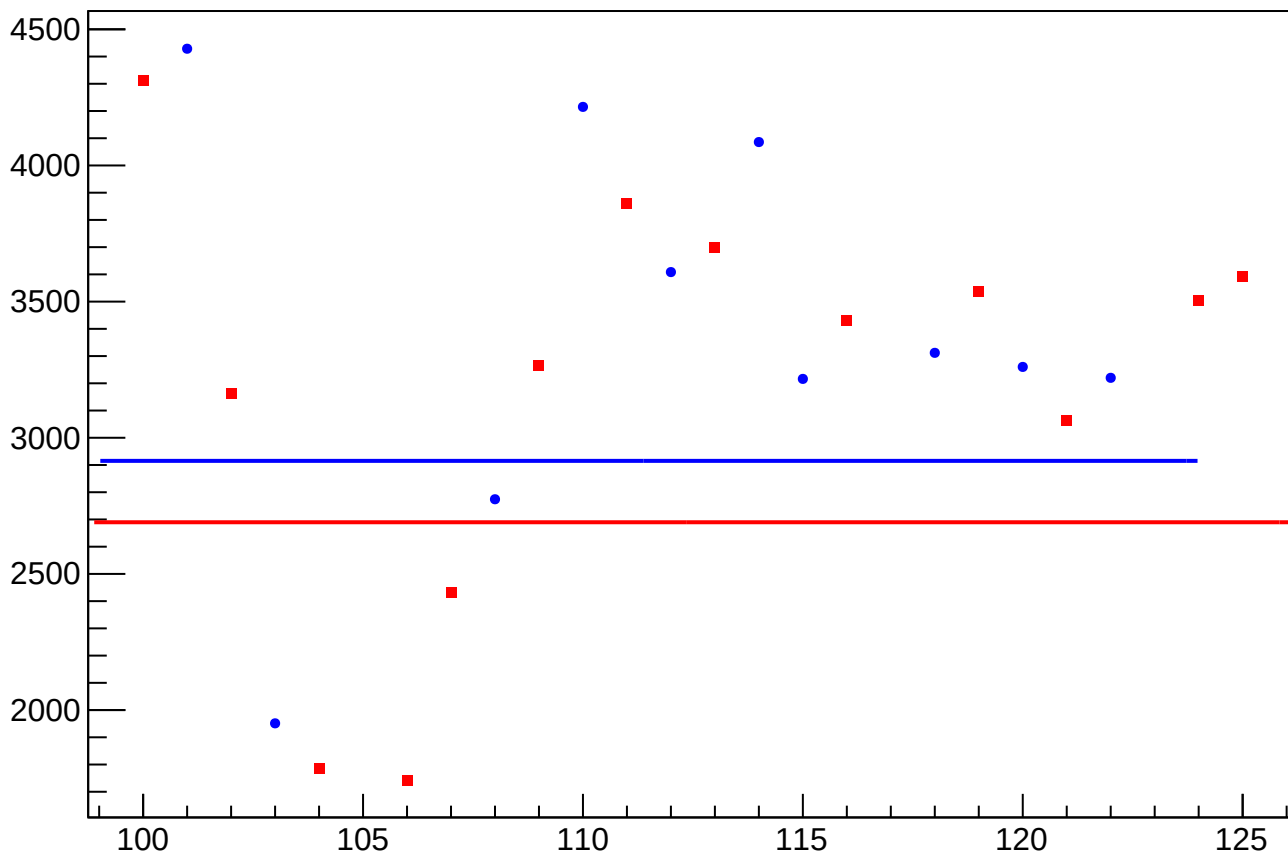
Right: 327.998+/-973.656 χ^2/NDF : 22.4/22

In: 492.136+/-1499.398 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 327.998+/-973.656 χ^2/NDF : 22.4/22

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: 2689.715+/-0.905 χ^2/NDF : 815636.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

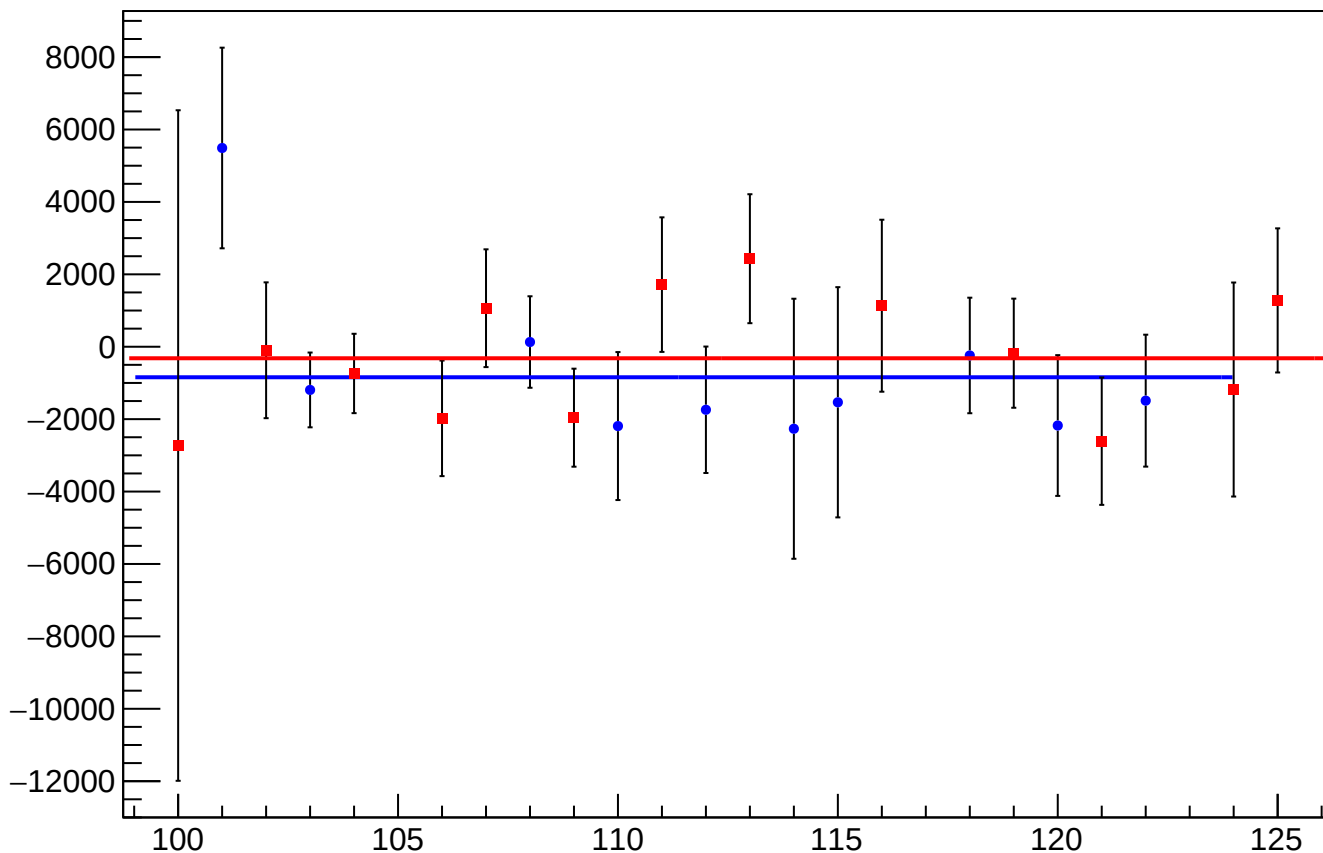
Right: 2784.776+/-0.688 χ^2/NDF : 1451736.6/22

In: 2915.151+/-1.060 χ^2/NDF : 609954.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2784.776+/-0.688 χ^2/NDF : 1451736.6/22

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: -318.304+/-479.077 χ^2/NDF : 9.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

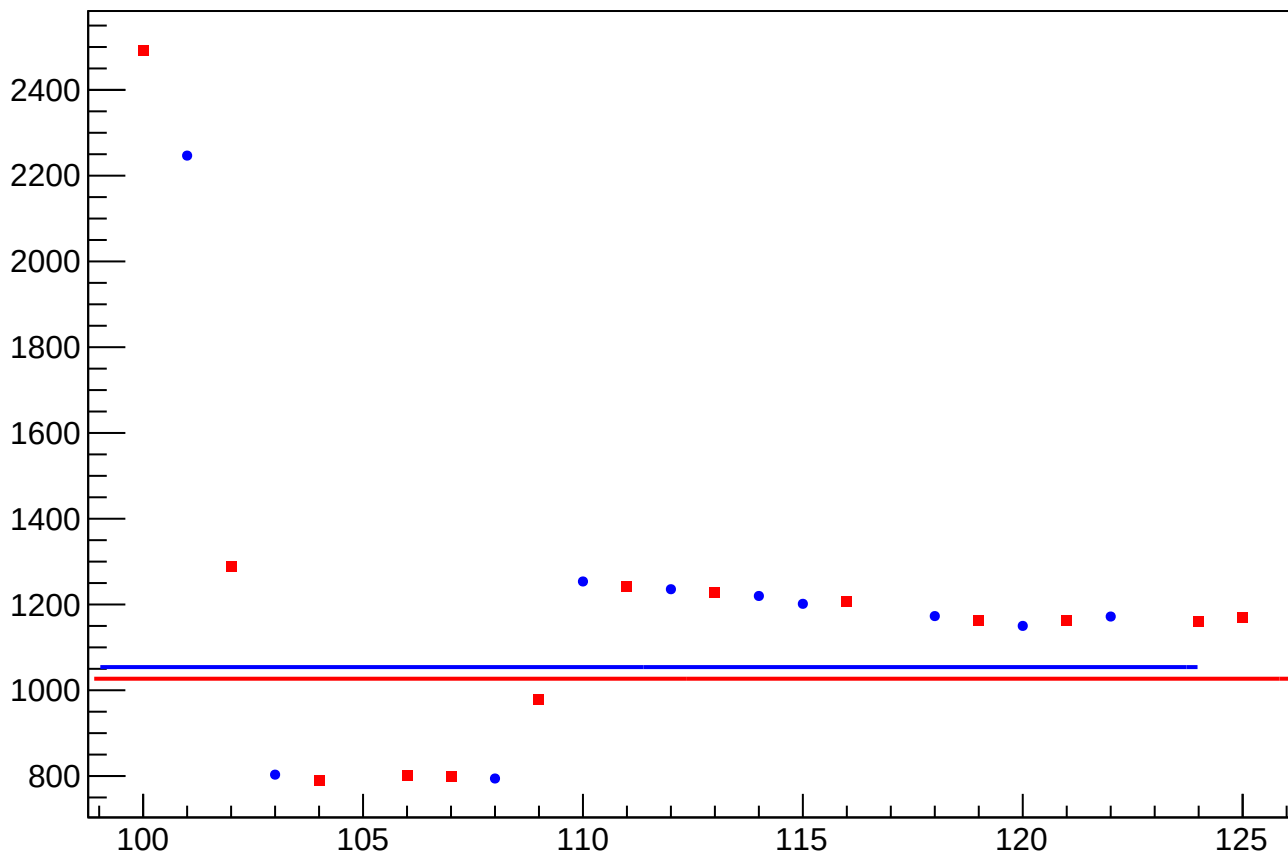
Right: -548.238+/-359.130 χ^2/NDF : 18.0/22

In: -843.201+/-542.608 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -548.238+/-359.130 χ^2/NDF : 18.0/22

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: 1026.911+/-0.338 χ^2/NDF : 373846.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

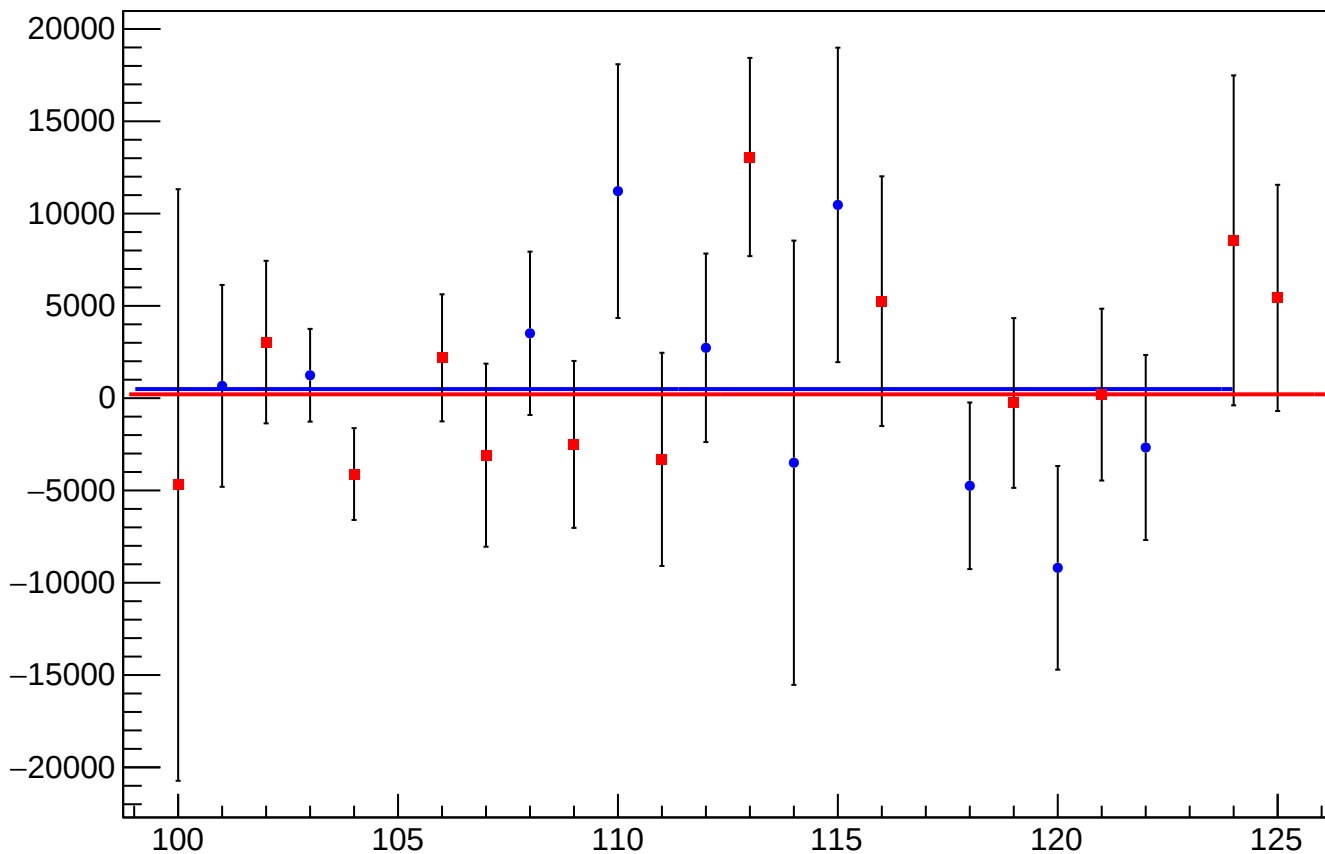
Right: 1038.754+/-0.254 χ^2/NDF : 1023388.8/22

In: 1054.026+/-0.384 χ^2/NDF :646729.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1038.754+/-0.254 χ^2/NDF : 1023388.8/22

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: 208.321+/-1280.322 χ^2/NDF : 12.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

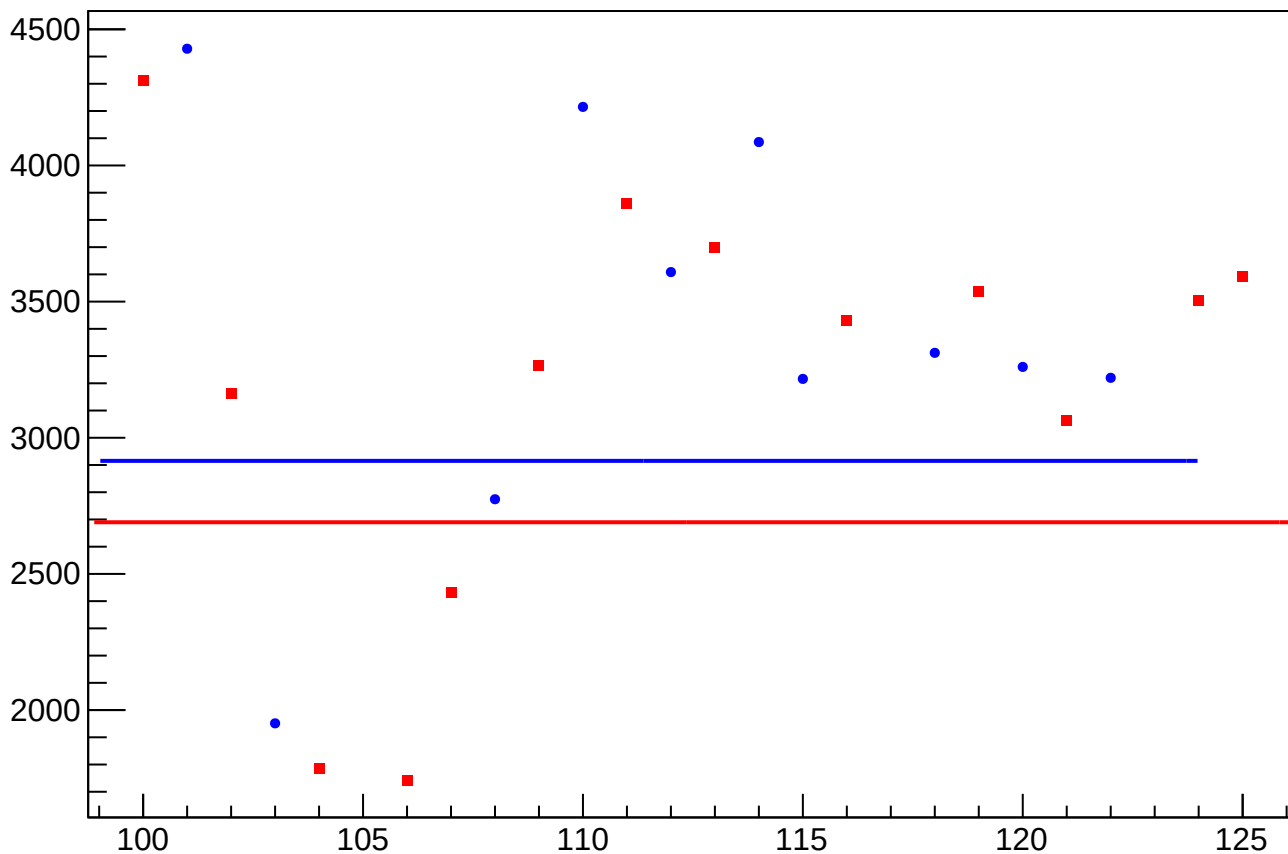
Right: 327.998+/-973.656 χ^2/NDF : 22.4/22

In: 492.136+/-1499.398 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 327.998+/-973.656 χ^2/NDF : 22.4/22

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: 2689.715+/-0.905 χ^2/NDF : 815636.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

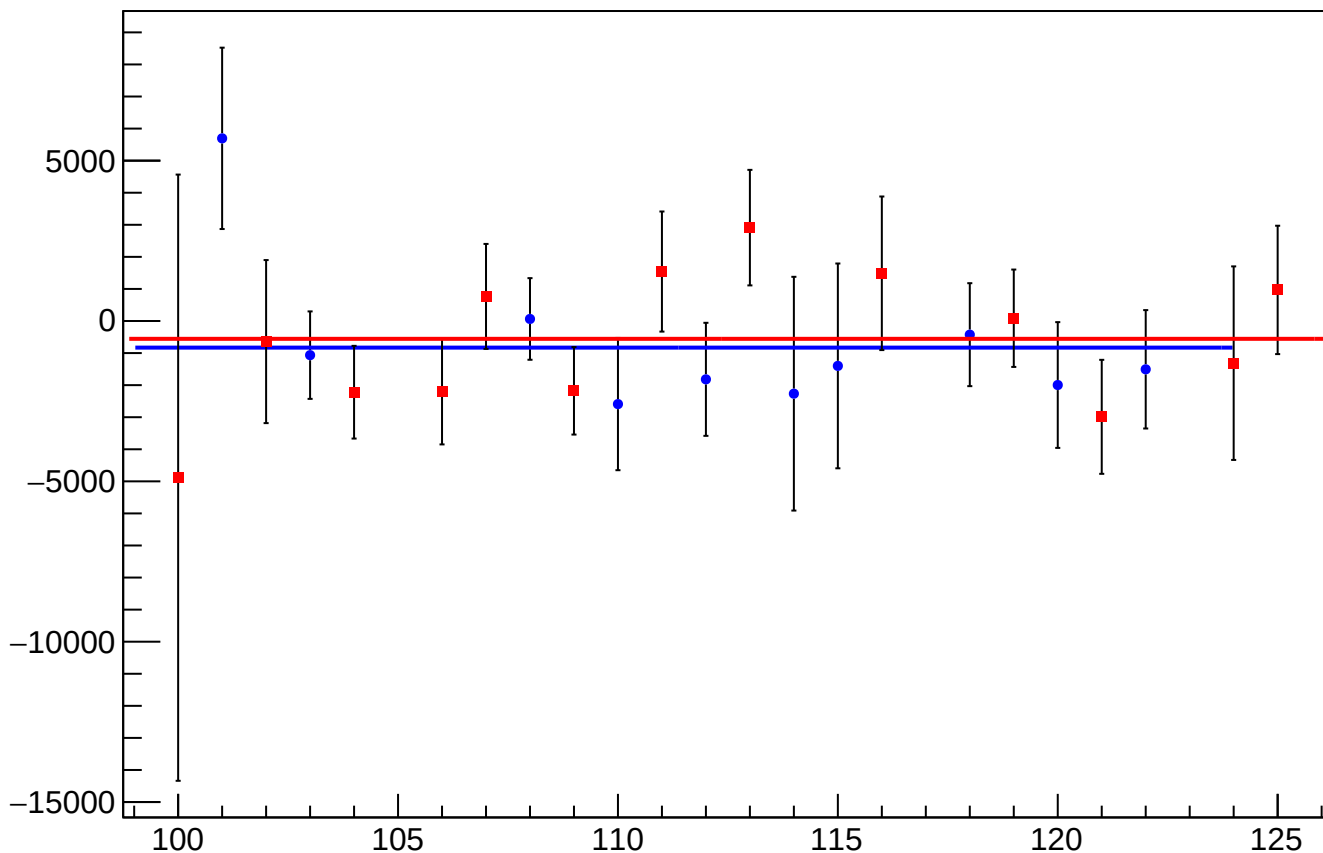
Right: 2784.776+/-0.688 χ^2/NDF : 1451736.6/22

In: 2915.151+/-1.060 χ^2/NDF : 609954.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2784.776+/-0.688 χ^2/NDF : 1451736.6/22

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: -555.807+/-513.263 χ^2/NDF : 13.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

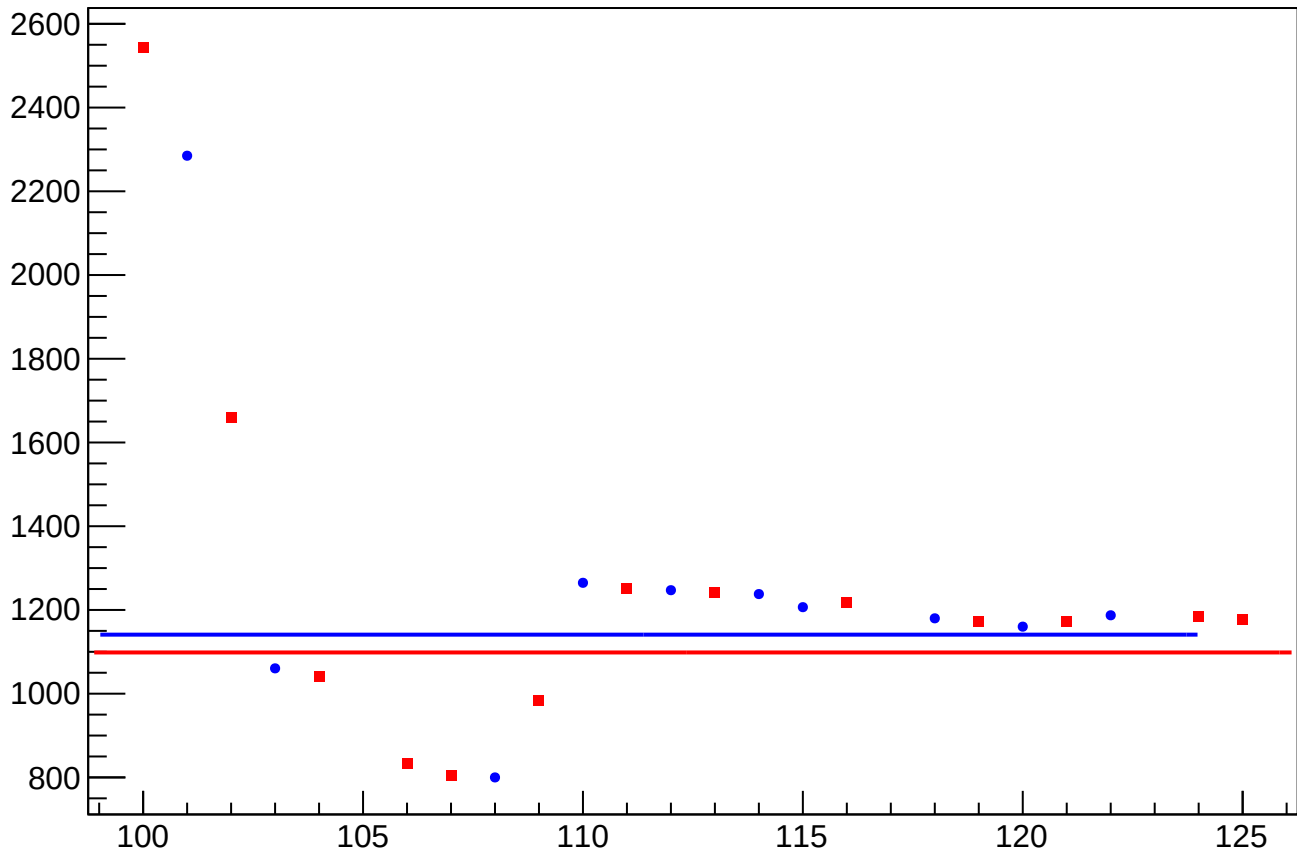
Right: -675.688+/-384.948 χ^2/NDF : 20.7/22

In: -829.821+/-581.987 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -675.688+/-384.948 χ^2/NDF : 20.7/22

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: 1098.465+/-0.363 χ^2/NDF : 321613.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

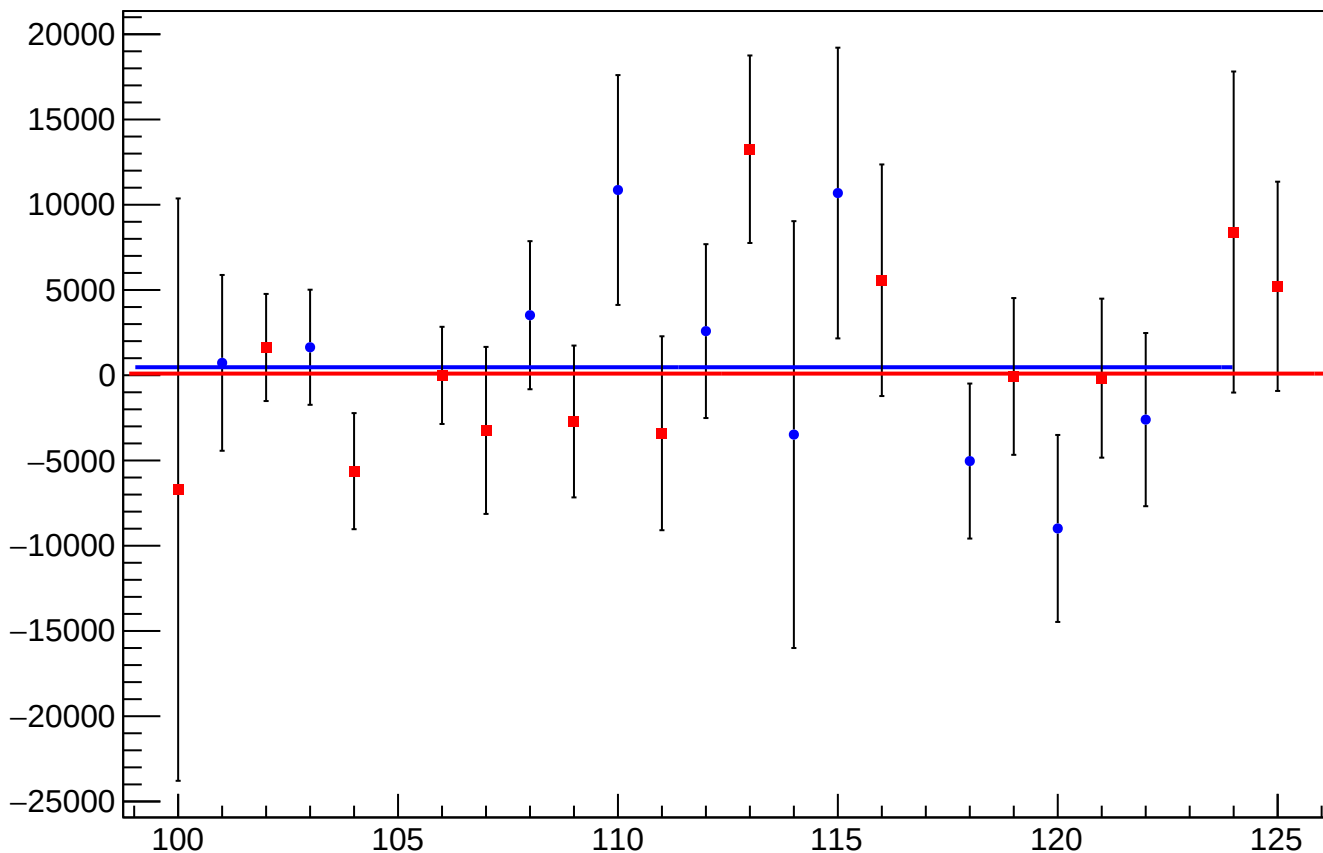
Right: 1117.061+/-0.272 χ^2/NDF : 824954.0/22

In: 1141.000+/-0.412 χ^2/NDF : 497328.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1117.061+/-0.272 χ^2/NDF : 824954.0/22

asym_usr_atr2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 469.584+/-1623.529 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 95.782+/-1266.815 χ^2/NDF : 12.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

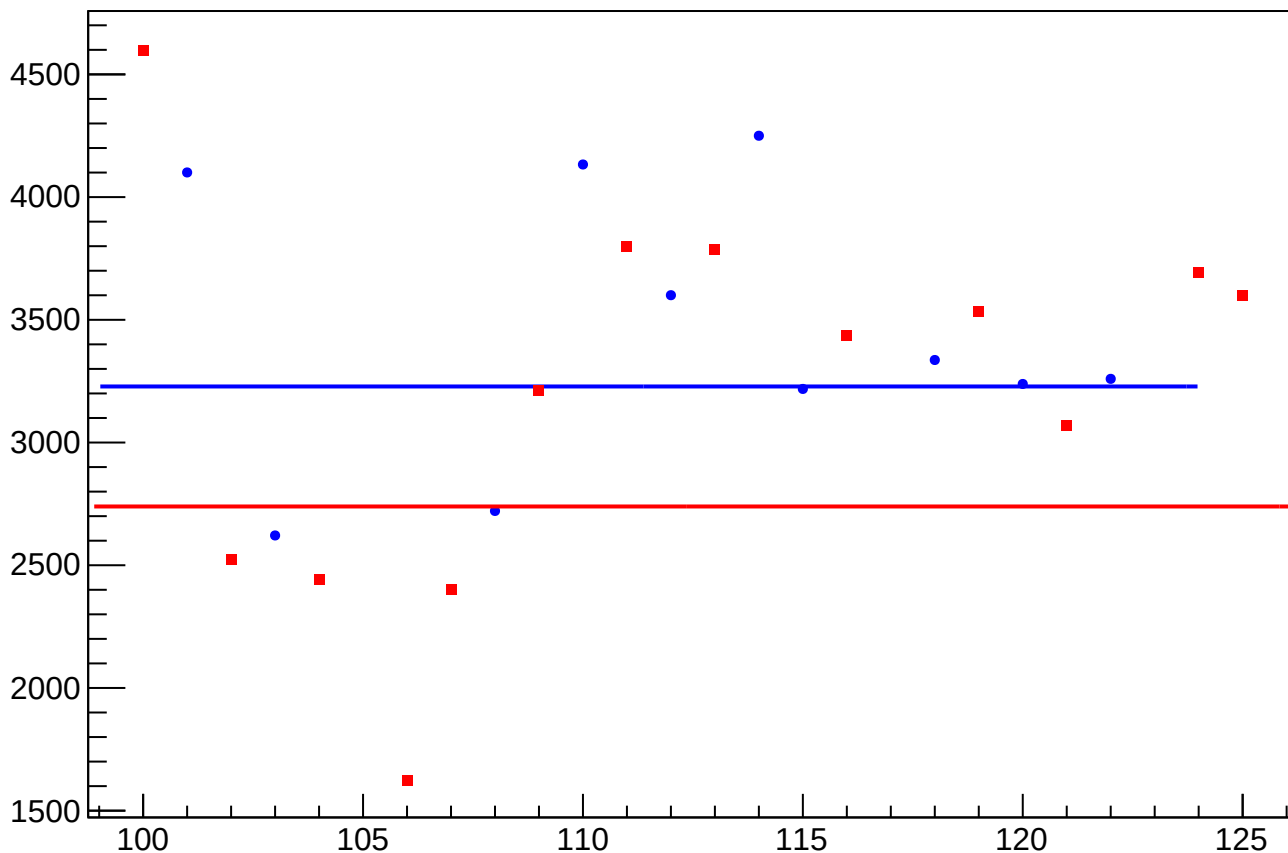
Right: 237.242+/-998.748 χ^2/NDF : 21.9/22

In: 469.584+/-1623.529 χ^2/NDF :9.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 237.242+/-998.748 χ^2/NDF : 21.9/22

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: 2739.446+/-0.896 χ^2/NDF : 679505.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

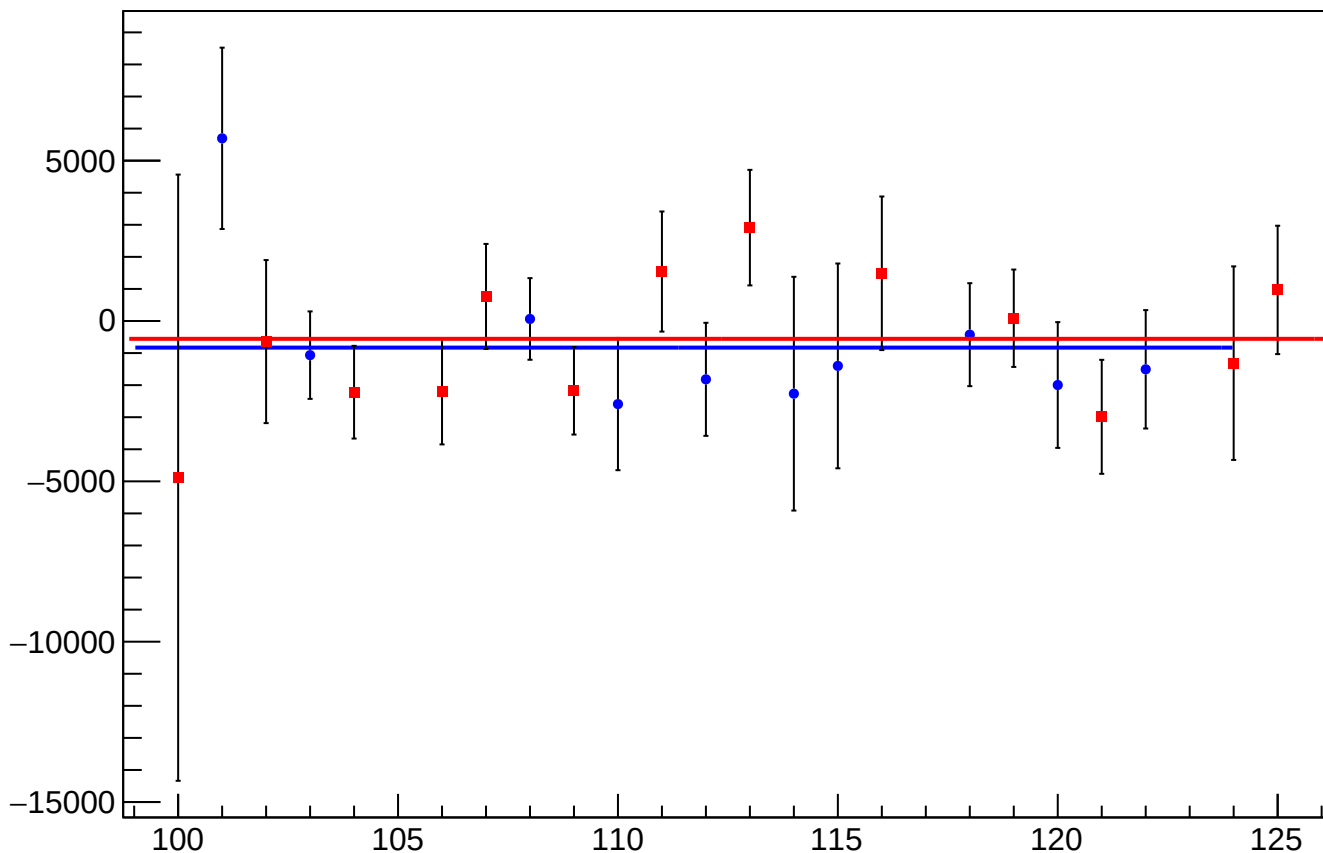
Right: 2924.494+/-0.706 χ^2/NDF : 1002608.7/22

In: 3228.428+/-1.148 χ^2/NDF : 210336.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2924.494+/-0.706 χ^2/NDF : 1002608.7/22

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: -555.813+/-513.263 χ^2/NDF : 13.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

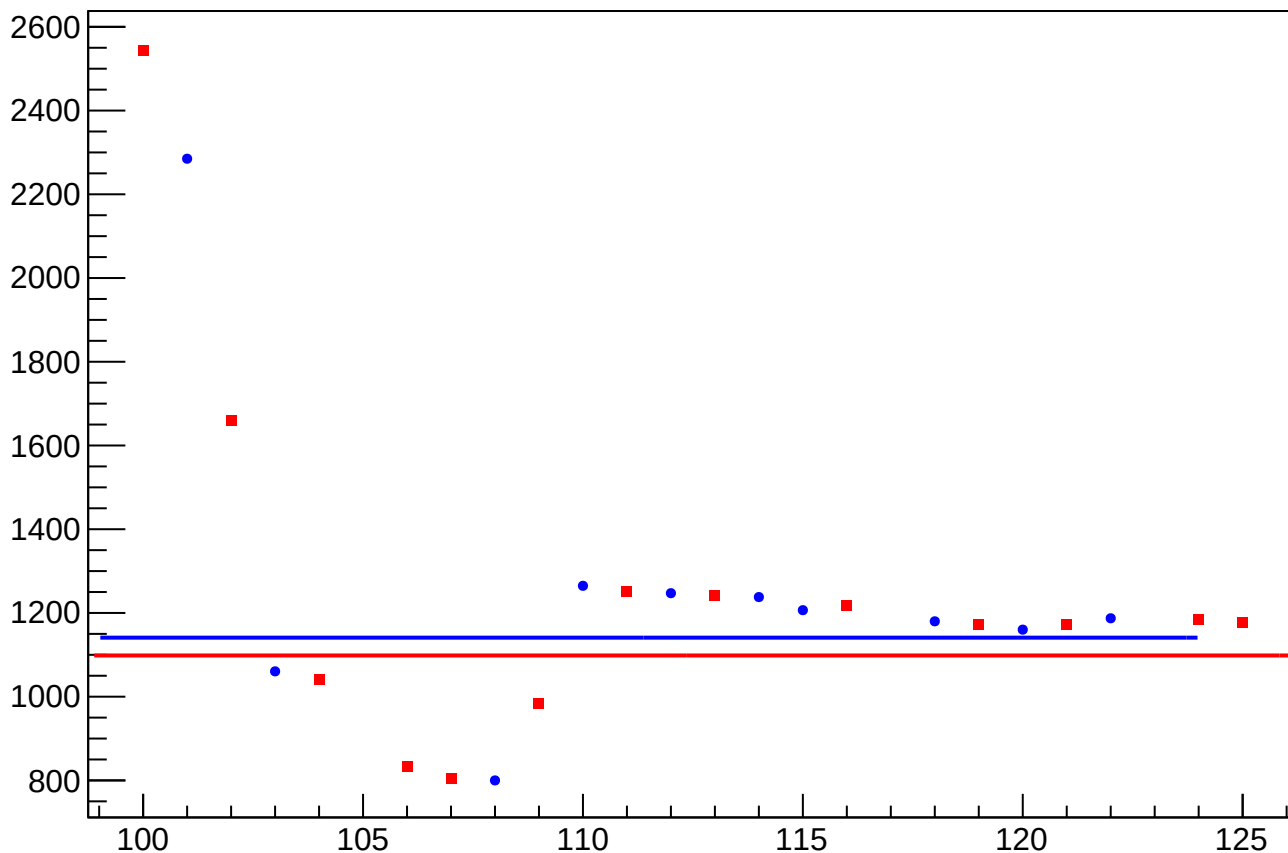
Right: -675.689+/-384.948 χ^2/NDF : 20.7/22

In: -829.816+/-581.987 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -675.689+/-384.948 χ^2/NDF : 20.7/22

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: 1098.465+/-0.363 χ^2/NDF : 321612.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

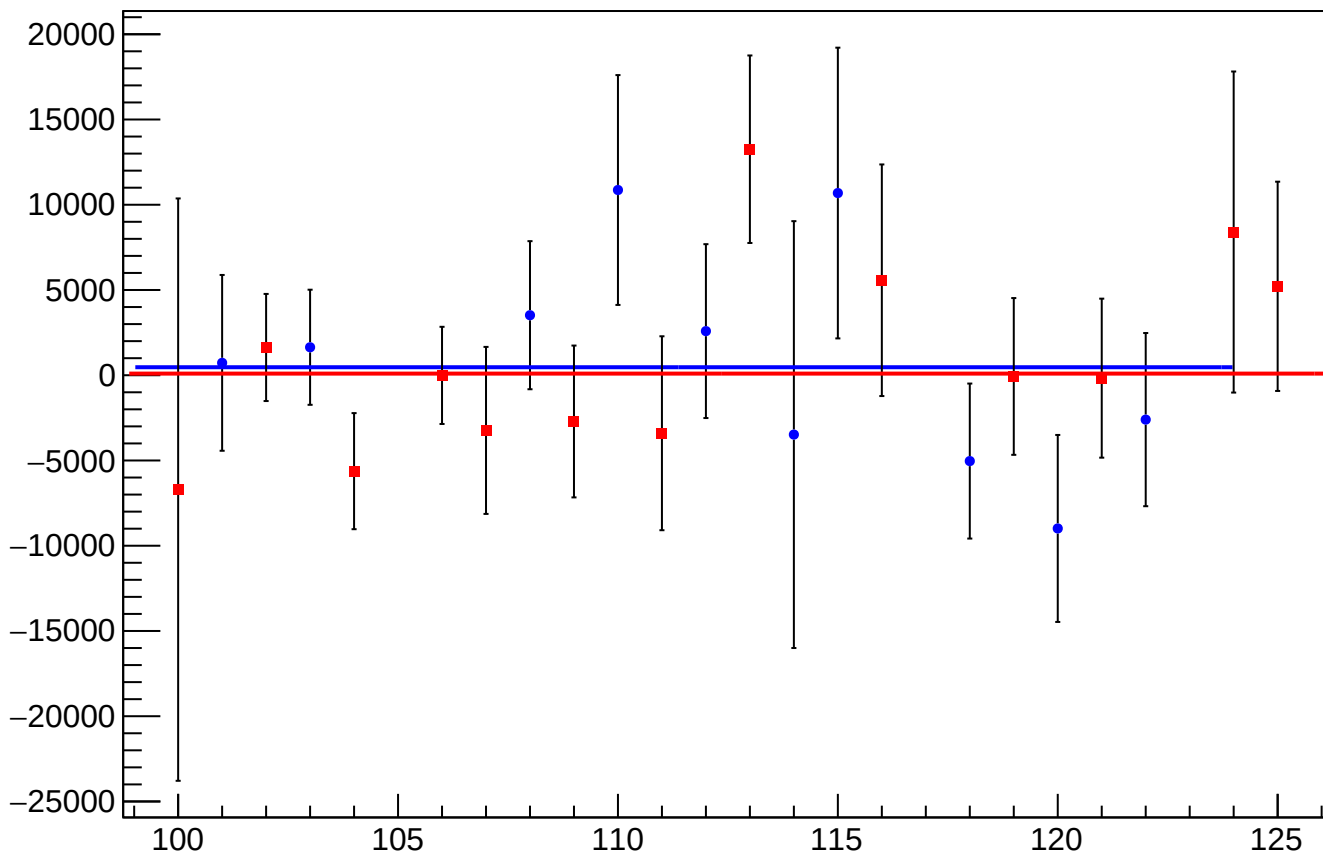
Right: 1117.061+/-0.272 χ^2/NDF : 824954.1/22

In: 1141.000+/-0.412 χ^2/NDF : 497328.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1117.061+/-0.272 χ^2/NDF : 824954.1/22

asym_usr_atr2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 469.574 $\pm$ 1623.526 χ^2 /NDF: 9.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 95.775 $\pm$ 1266.812 χ^2 /NDF: 12.3/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

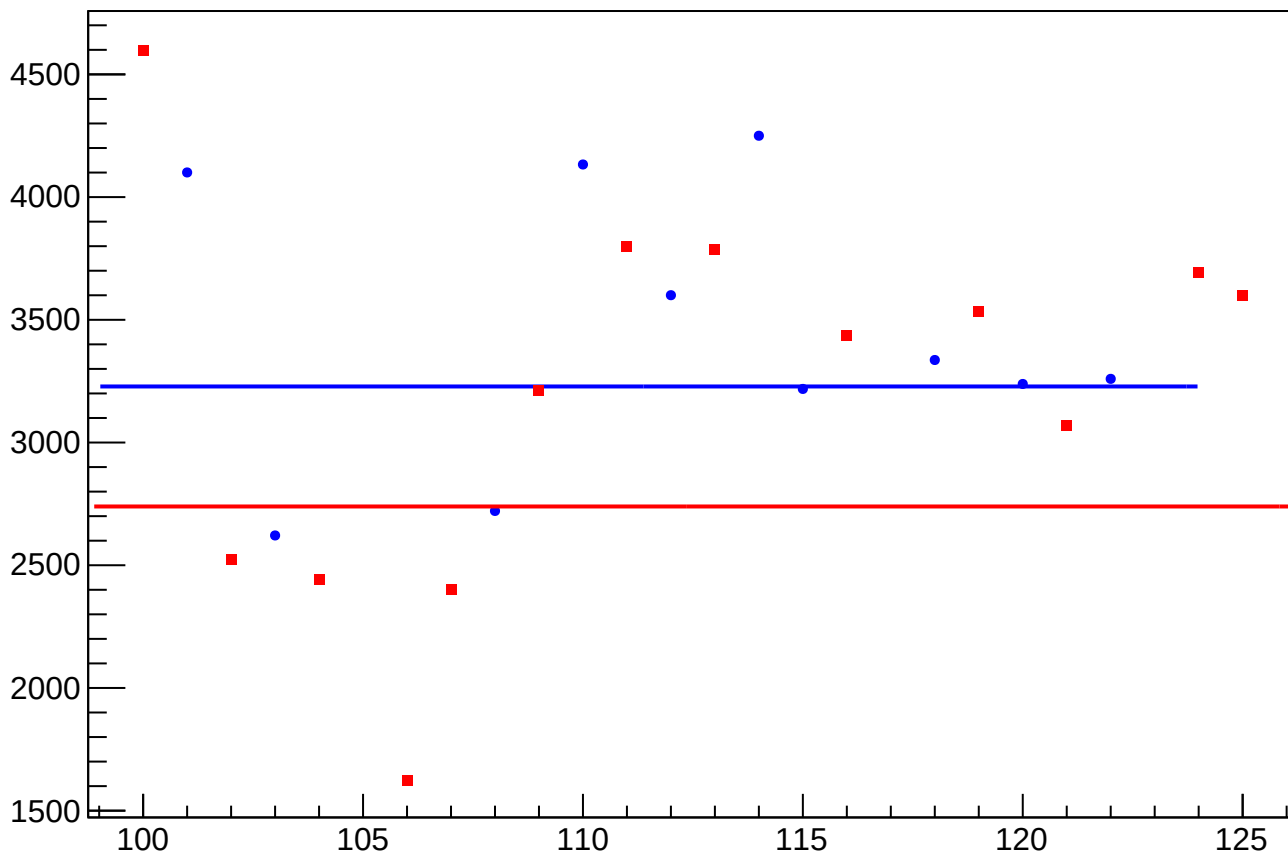
Right: 237.234 $\pm$ 998.747 χ^2 /NDF: 21.9/22

In: 469.574 $\pm$ 1623.526 χ^2 /NDF:9.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 237.234 $\pm$ 998.747 χ^2 /NDF: 21.9/22

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: 2739.441+/-0.896 χ^2/NDF : 679506.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

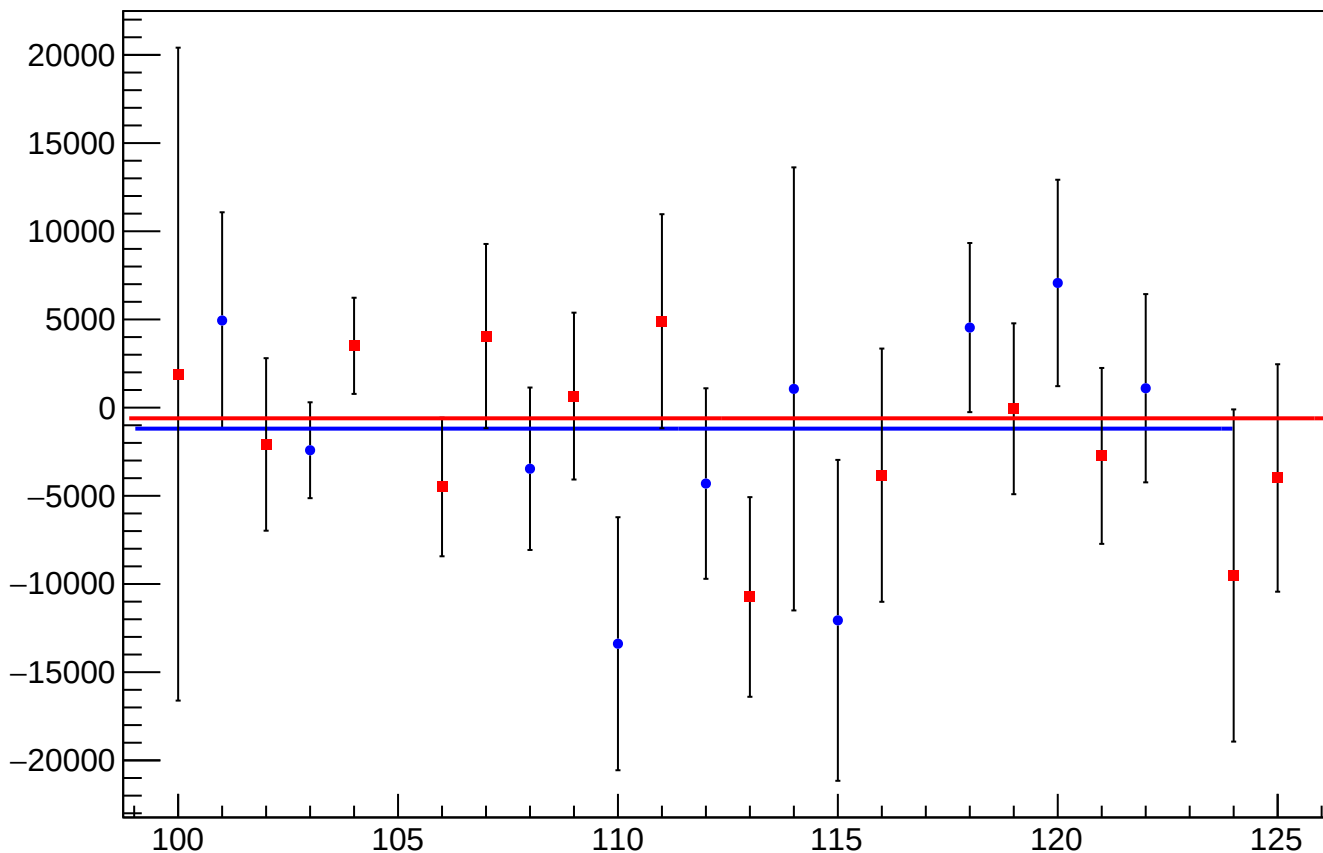
Right: 2924.490+/-0.706 χ^2/NDF : 1002607.7/22

In: 3228.424+/-1.148 χ^2/NDF : 210333.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2924.490+/-0.706 χ^2/NDF : 1002607.7/22

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: -605.617+/-1384.994 χ^2/NDF : 9.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

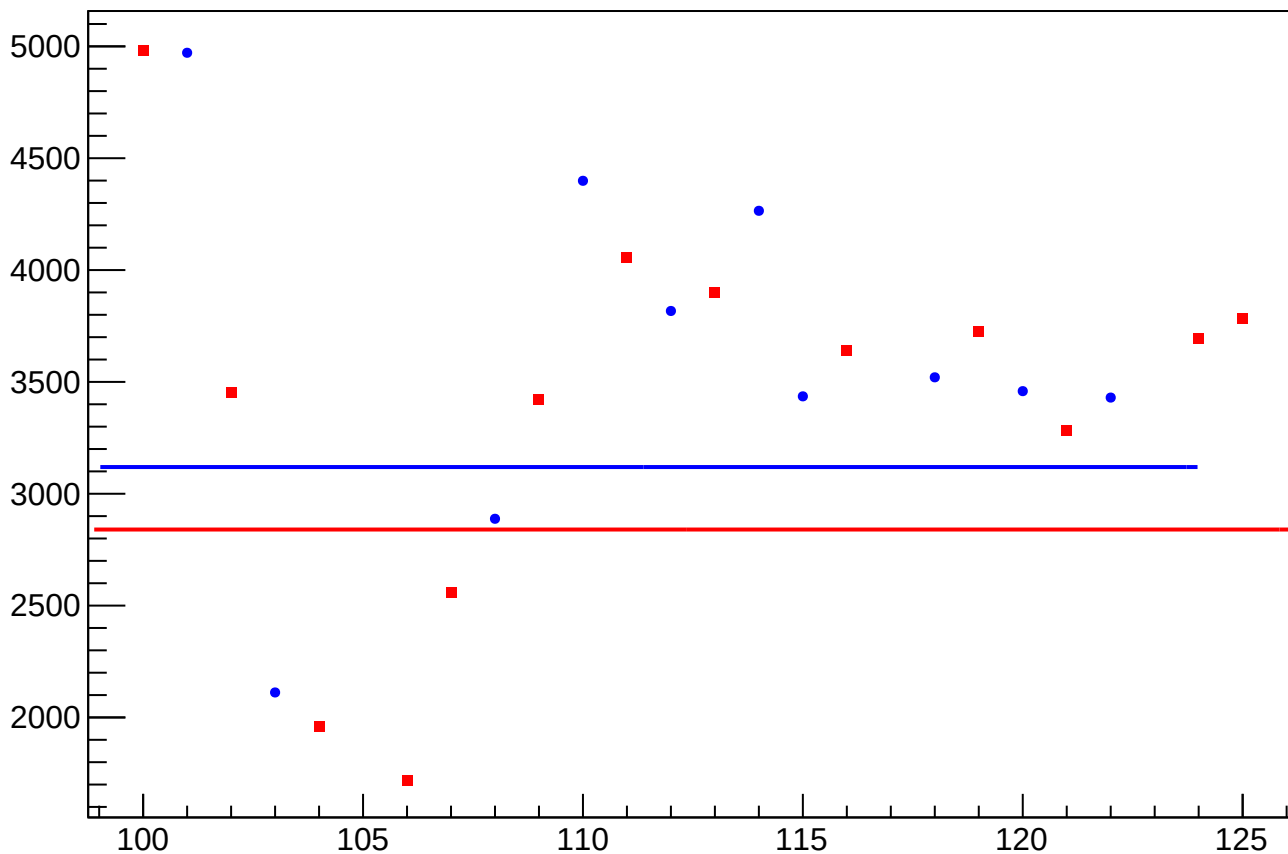
Right: -855.715+/-1048.111 χ^2/NDF : 19.6/22

In: -1190.900+/-1603.375 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -855.715+/-1048.111 χ^2/NDF : 19.6/22

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: 2840.085+/-0.958 χ^2/NDF : 841333.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

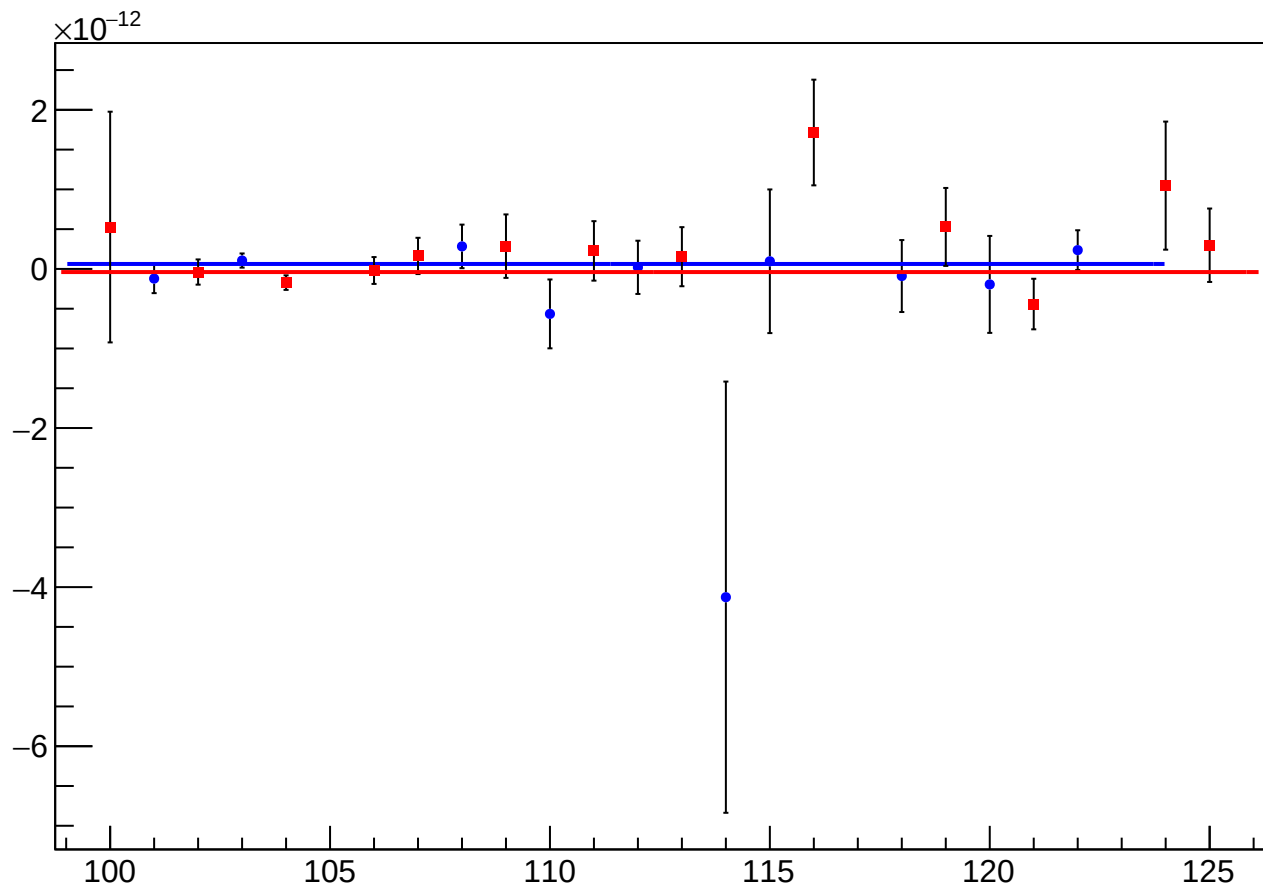
Right: 2956.514+/-0.732 χ^2/NDF : 1482366.6/22

In: 3119.414+/-1.134 χ^2/NDF : 605633.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2956.514+/-0.732 χ^2/NDF : 1482366.6/22

asym_usr_atr2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

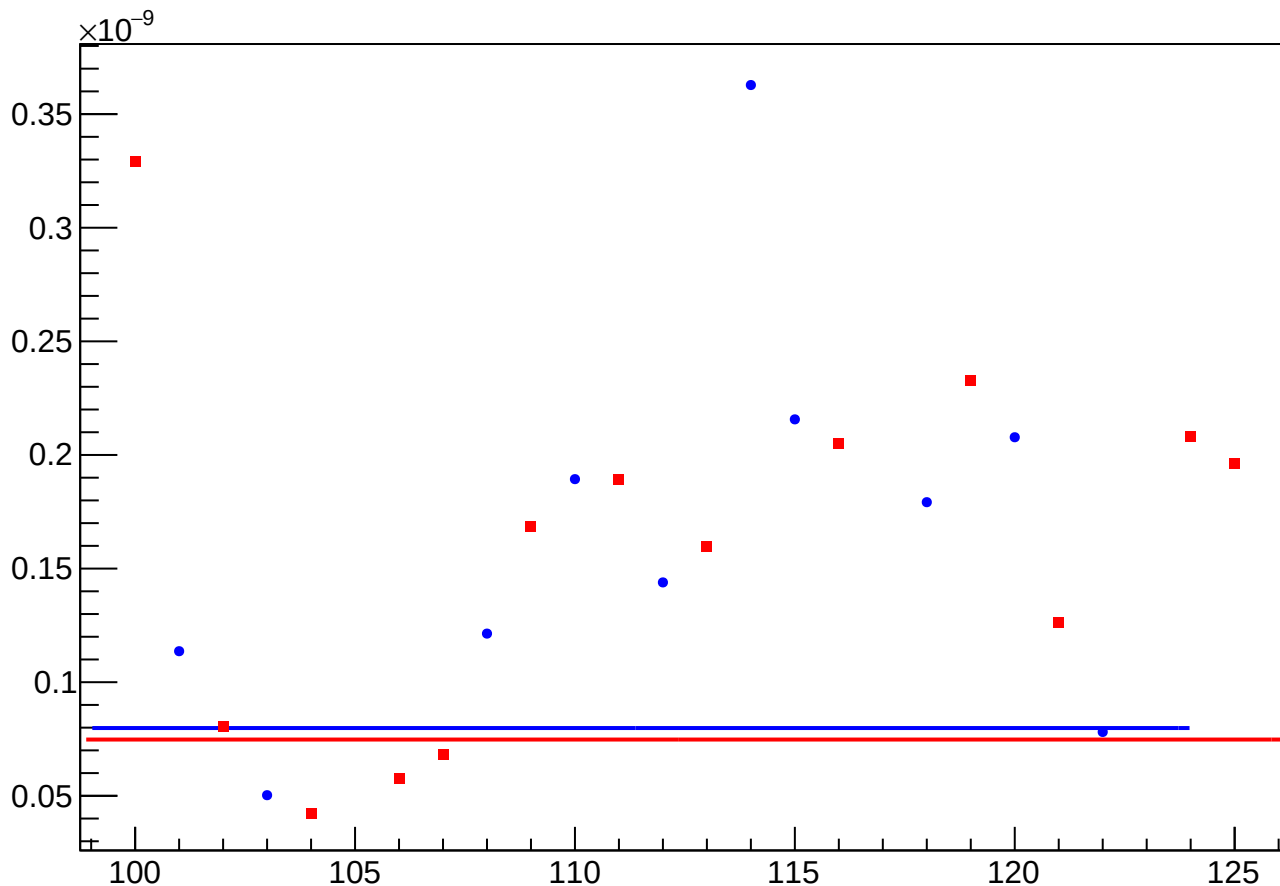
Right: 0.000+/-0.000 χ^2/NDF : 25.1/22

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 : 25.1/22

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 : 1273972.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

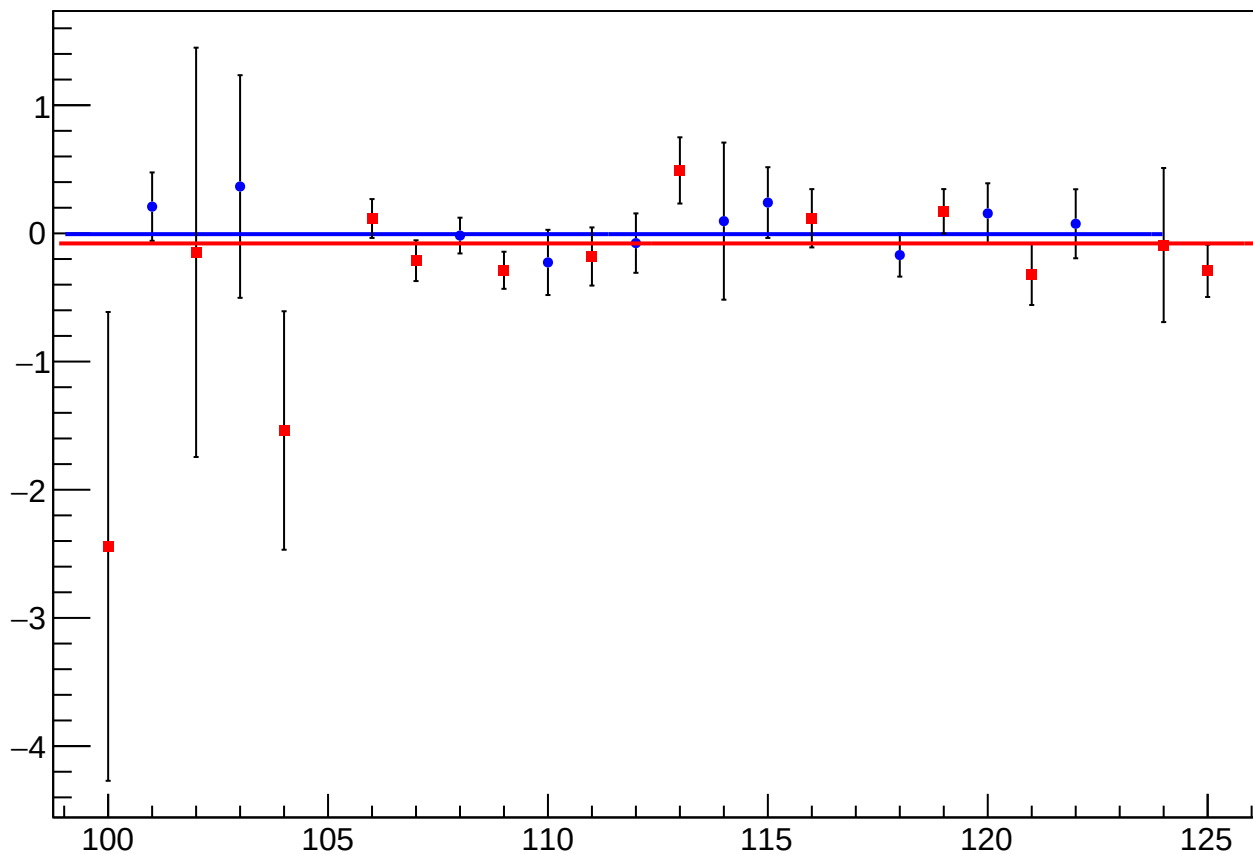
Right: 0.000+/-0.000 χ^2/NDF : 2068160.2/22

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 : 2068160.2/22

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: -0.078 ± 0.062 χ^2/NDF : 18.6/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

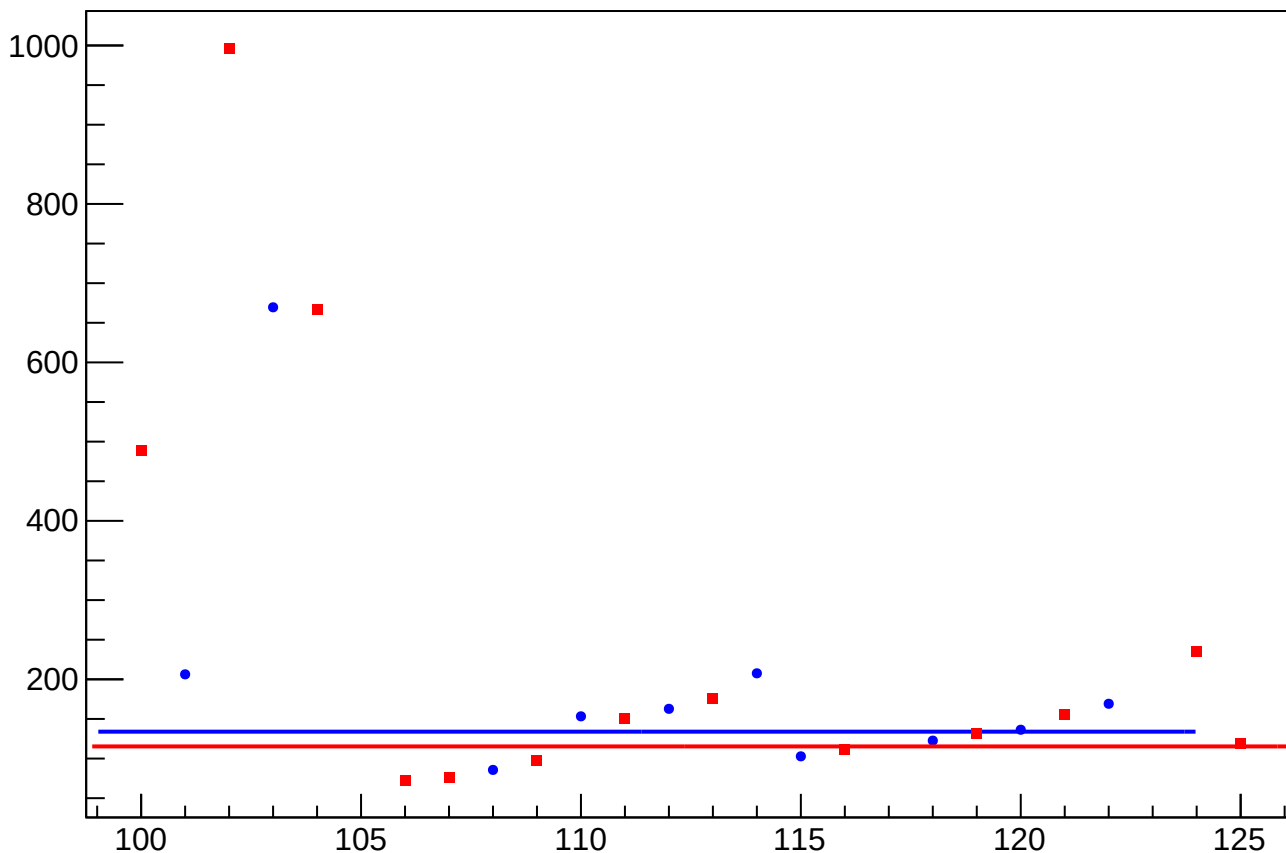
Right: -0.049 ± 0.047 χ^2/NDF : 23.2/22

In: -0.006 ± 0.074 χ^2/NDF : 4.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.049 ± 0.047 χ^2/NDF : 23.2/22

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: 115.319+/-0.044 χ^2/NDF : 2032619.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

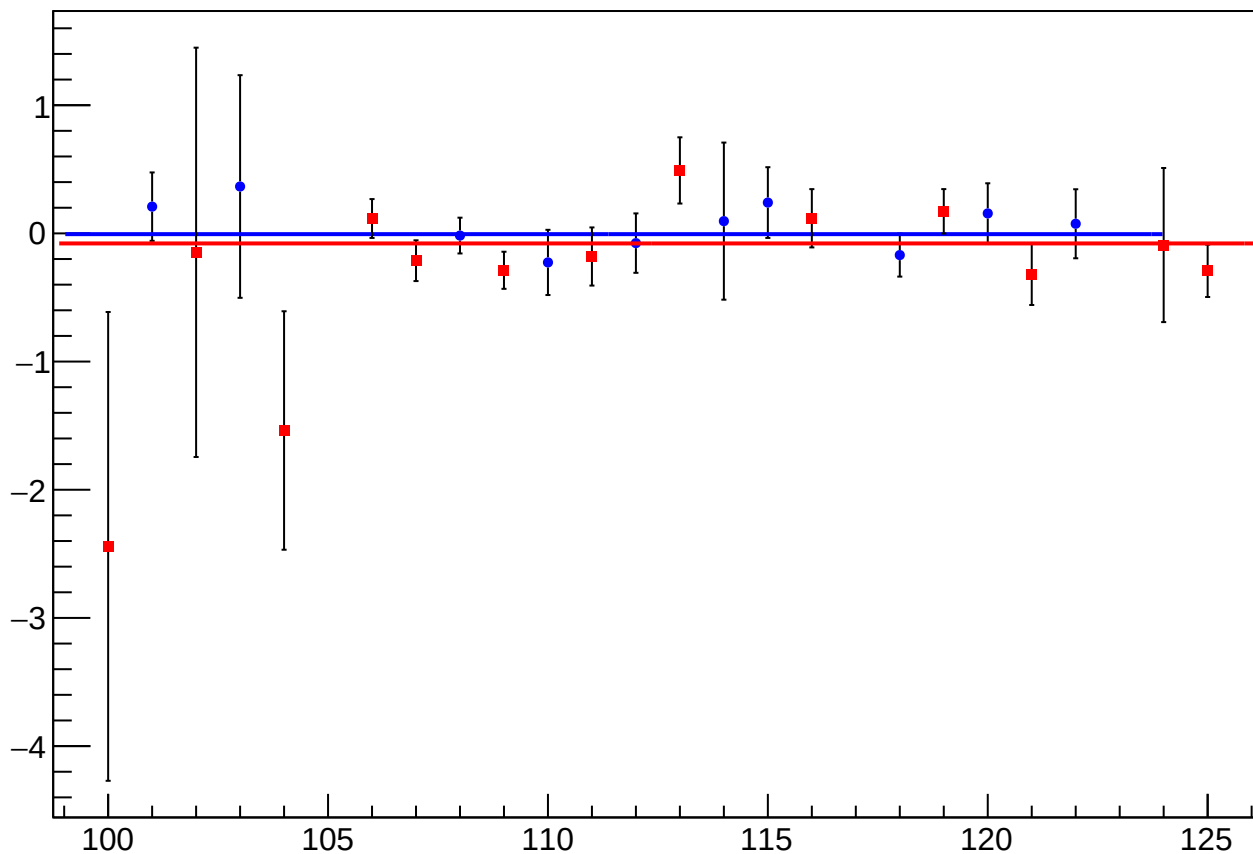
Right: 122.965+/-0.033 χ^2/NDF : 3395037.1/22

In: 133.940+/-0.052 χ^2/NDF : 1287253.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.965+/-0.033 χ^2/NDF : 3395037.1/22

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: -0.078 ± 0.062 χ^2/NDF : 18.6/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

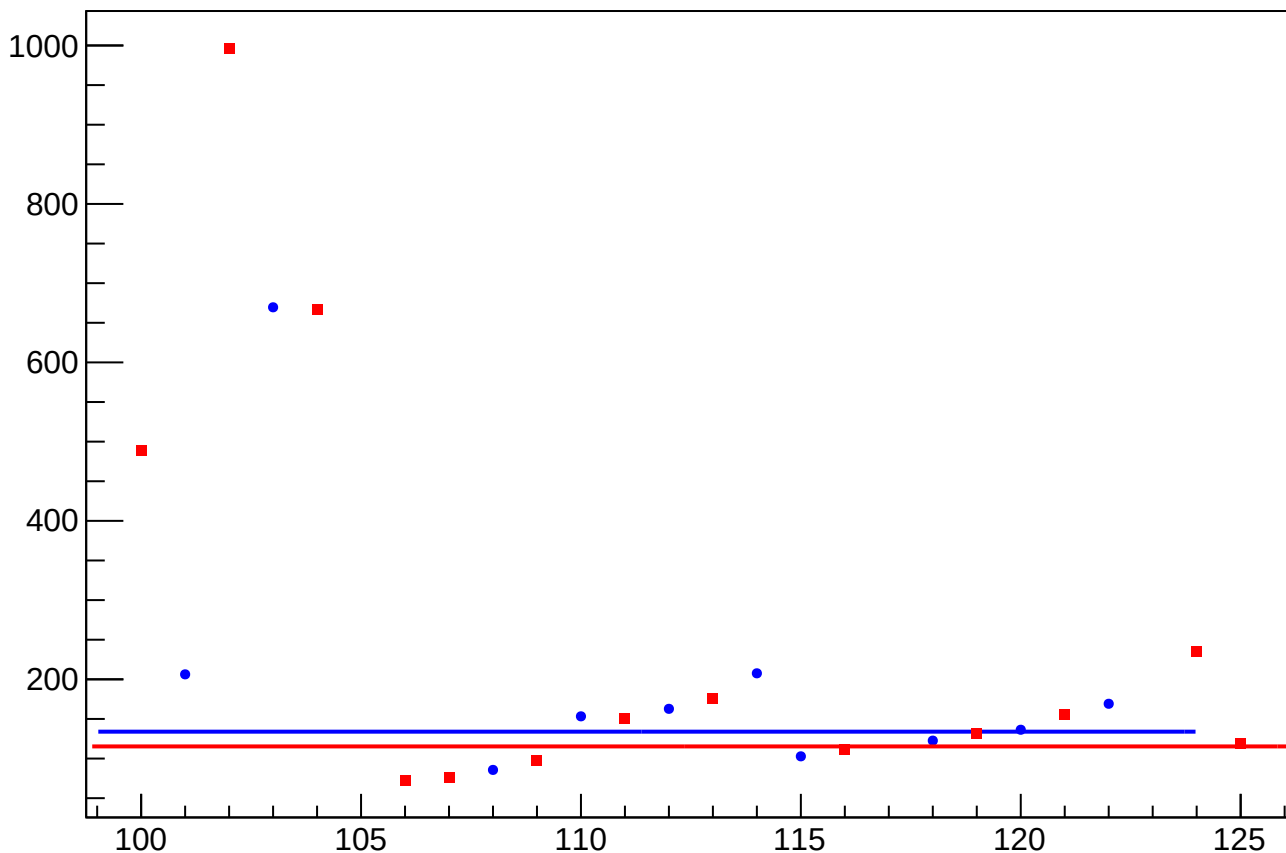
Right: -0.049 ± 0.047 χ^2/NDF : 23.2/22

In: -0.006 ± 0.074 χ^2/NDF : 4.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.049 ± 0.047 χ^2/NDF : 23.2/22

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 133.940+/-0.052 χ^2/NDF : 1287253.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.319+/-0.044 χ^2/NDF : 2032619.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

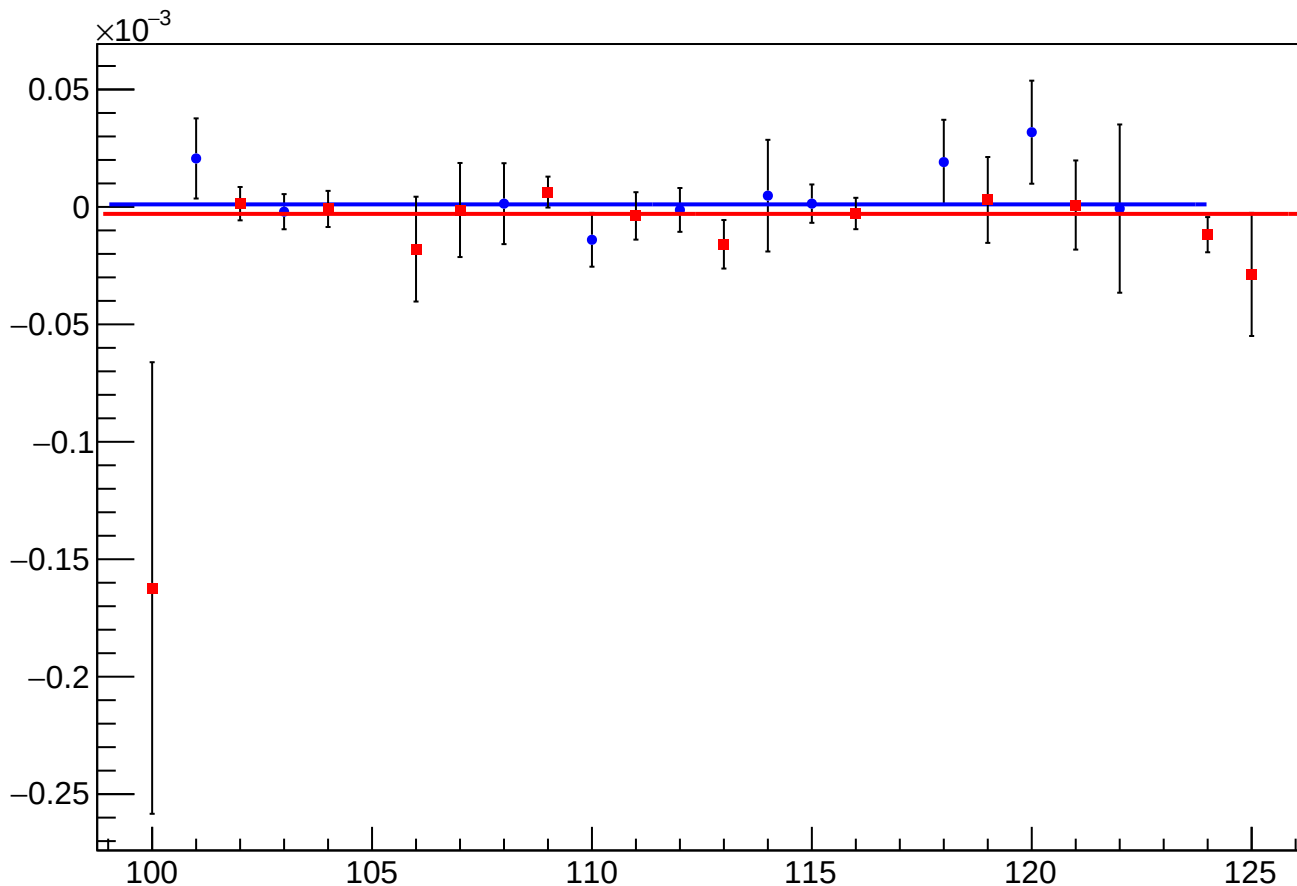
Right: 122.965+/-0.033 χ^2/NDF : 3395037.1/22

In: 133.940+/-0.052 χ^2/NDF : 1287253.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.965+/-0.033 χ^2/NDF : 3395037.1/22

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 : 9.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

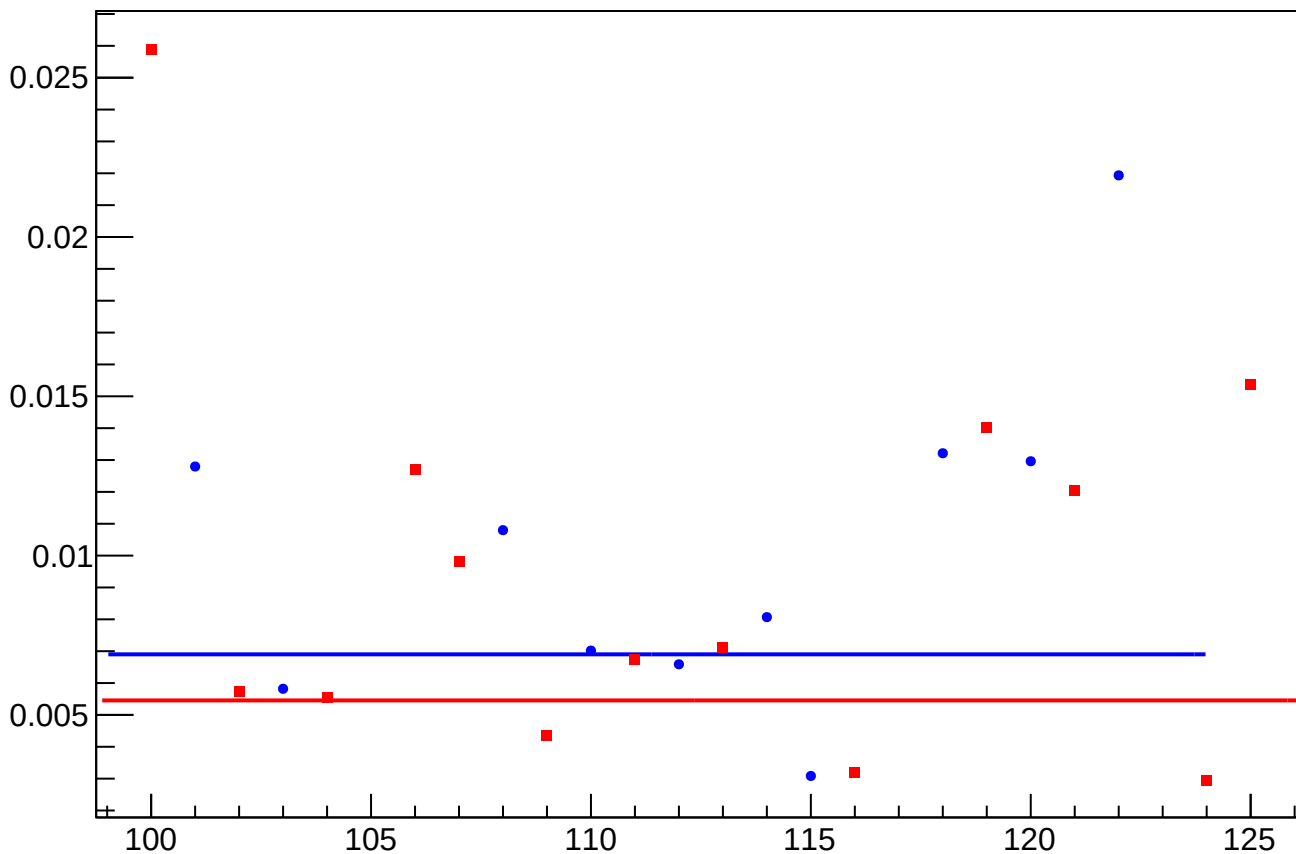
Right: -0.000+/-0.000 χ^2/NDF : 16.7/22

In: 0.000+/-0.000 χ^2/NDF : 6.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.7/22

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 1578142.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1960101.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

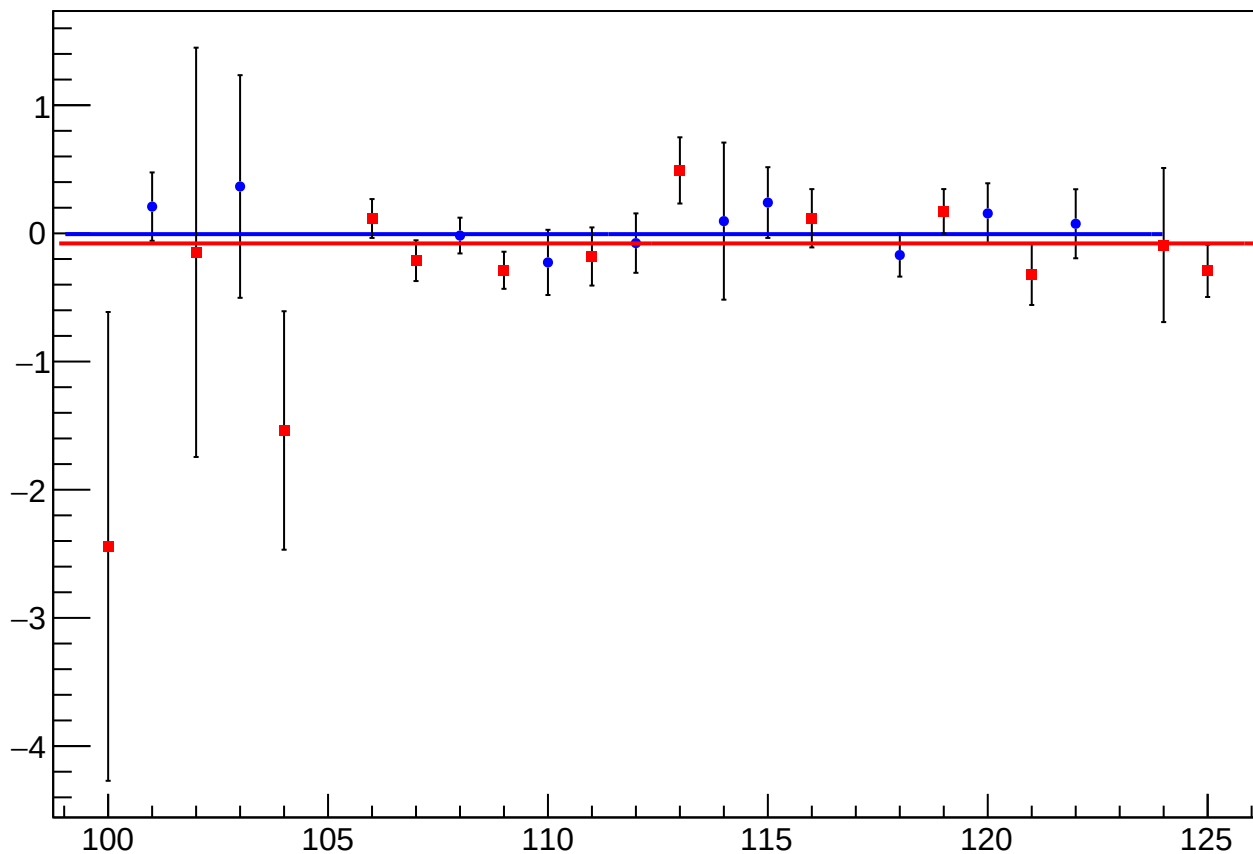
Right: 0.006+/-0.000 χ^2/NDF : 3722765.8/22

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 : 3722765.8/22

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: -0.078 ± 0.062 χ^2/NDF : 18.6/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

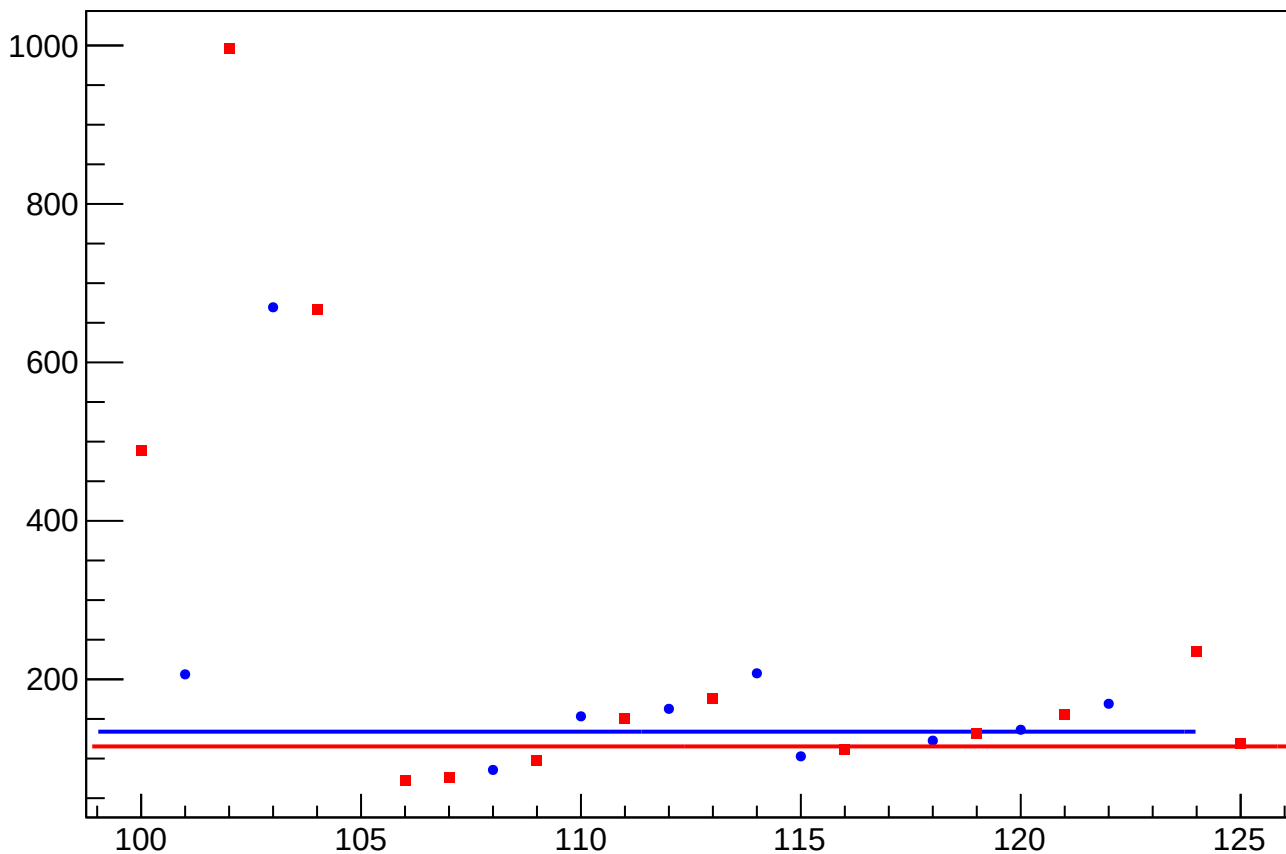
Right: -0.049 ± 0.047 χ^2/NDF : 23.2/22

In: -0.006 ± 0.074 χ^2/NDF : 4.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.049 ± 0.047 χ^2/NDF : 23.2/22

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: 115.320+/-0.044 χ^2/NDF : 2032615.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

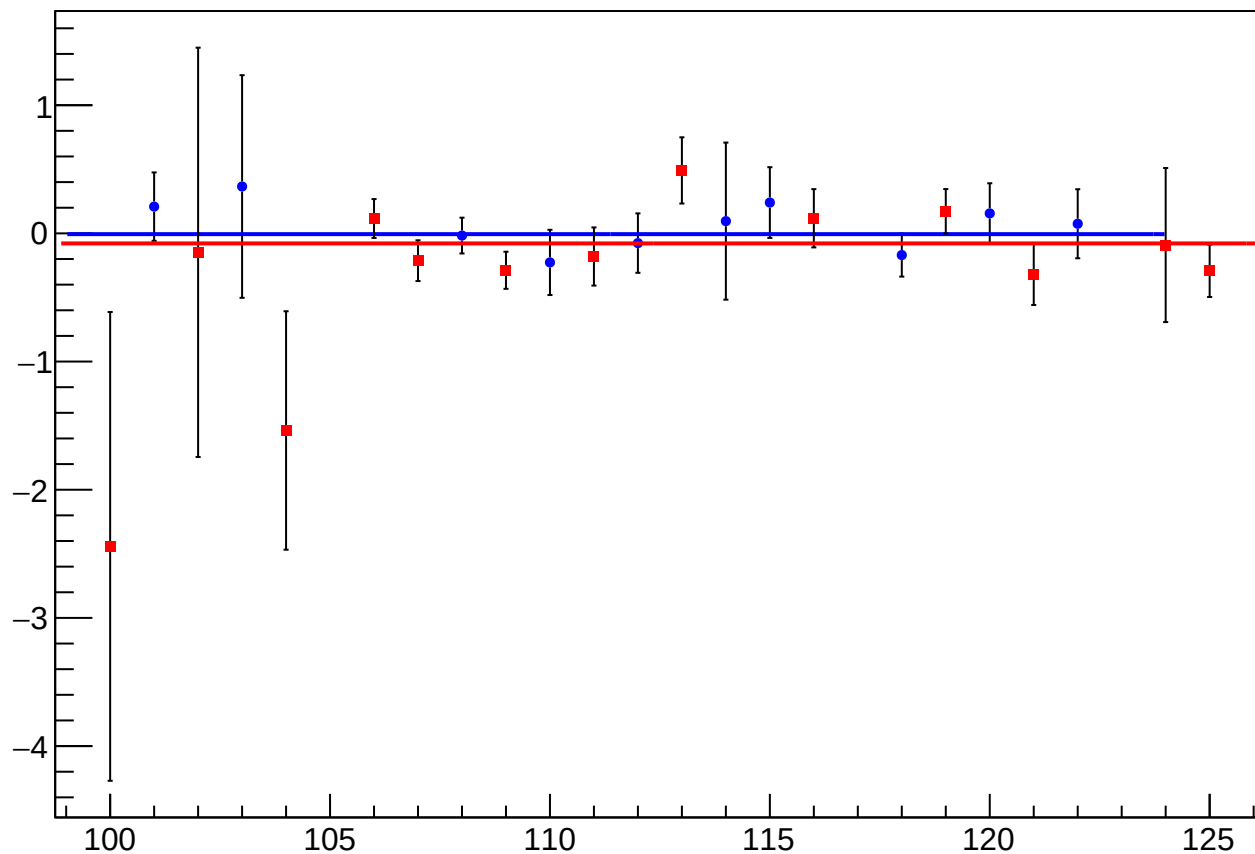
Right: 122.964+/-0.033 χ^2/NDF : 3395079.2/22

In: 133.937+/-0.052 χ^2/NDF : 1287324.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.964+/-0.033 χ^2/NDF : 3395079.2/22

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: -0.078 ± 0.062 χ^2/NDF : 18.6/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

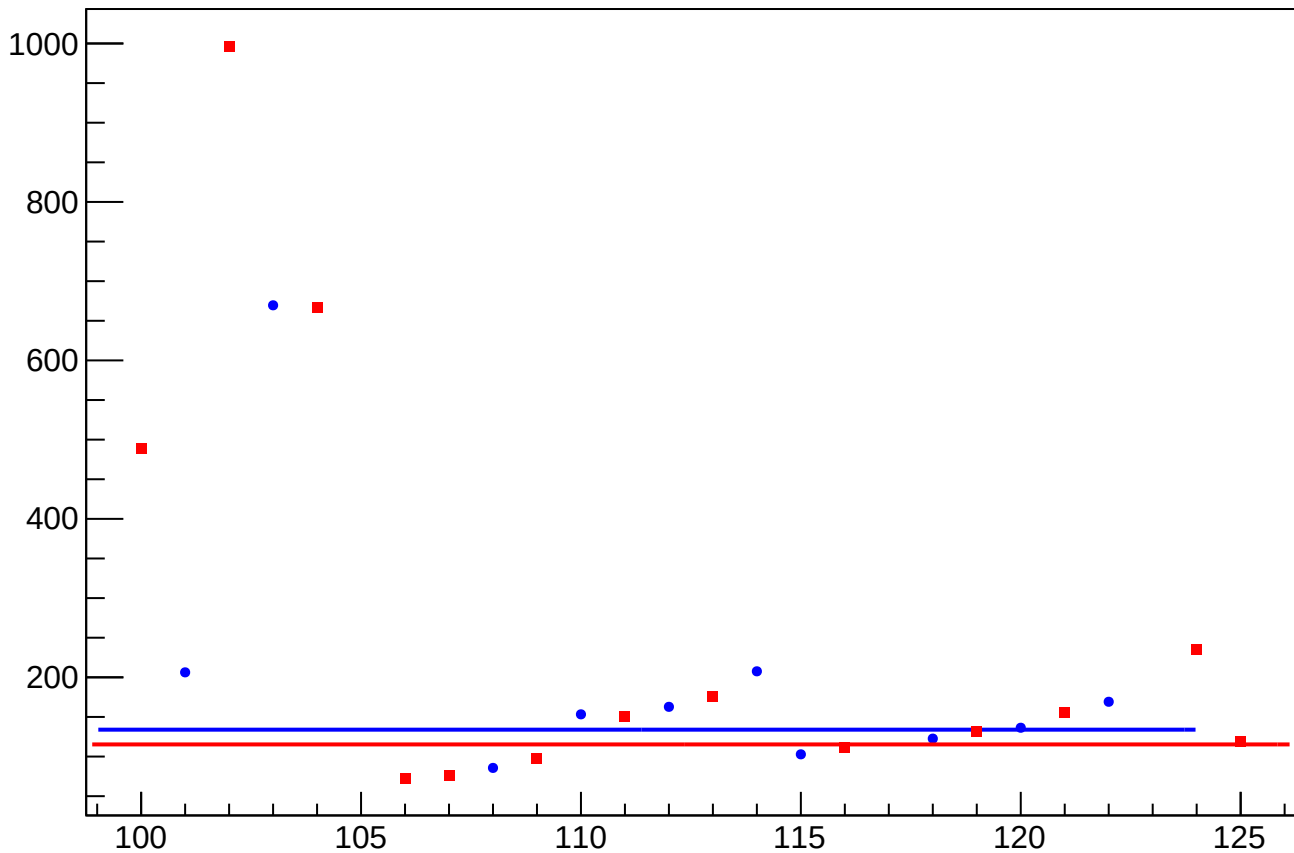
Right: -0.049 ± 0.047 χ^2/NDF : 23.2/22

In: -0.006 ± 0.074 χ^2/NDF : 4.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.049 ± 0.047 χ^2/NDF : 23.2/22

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 133.937 $\pm$ 0.052 χ^2 /NDF: 1287324.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 115.320 $\pm$ 0.044 χ^2 /NDF: 2032615.9/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

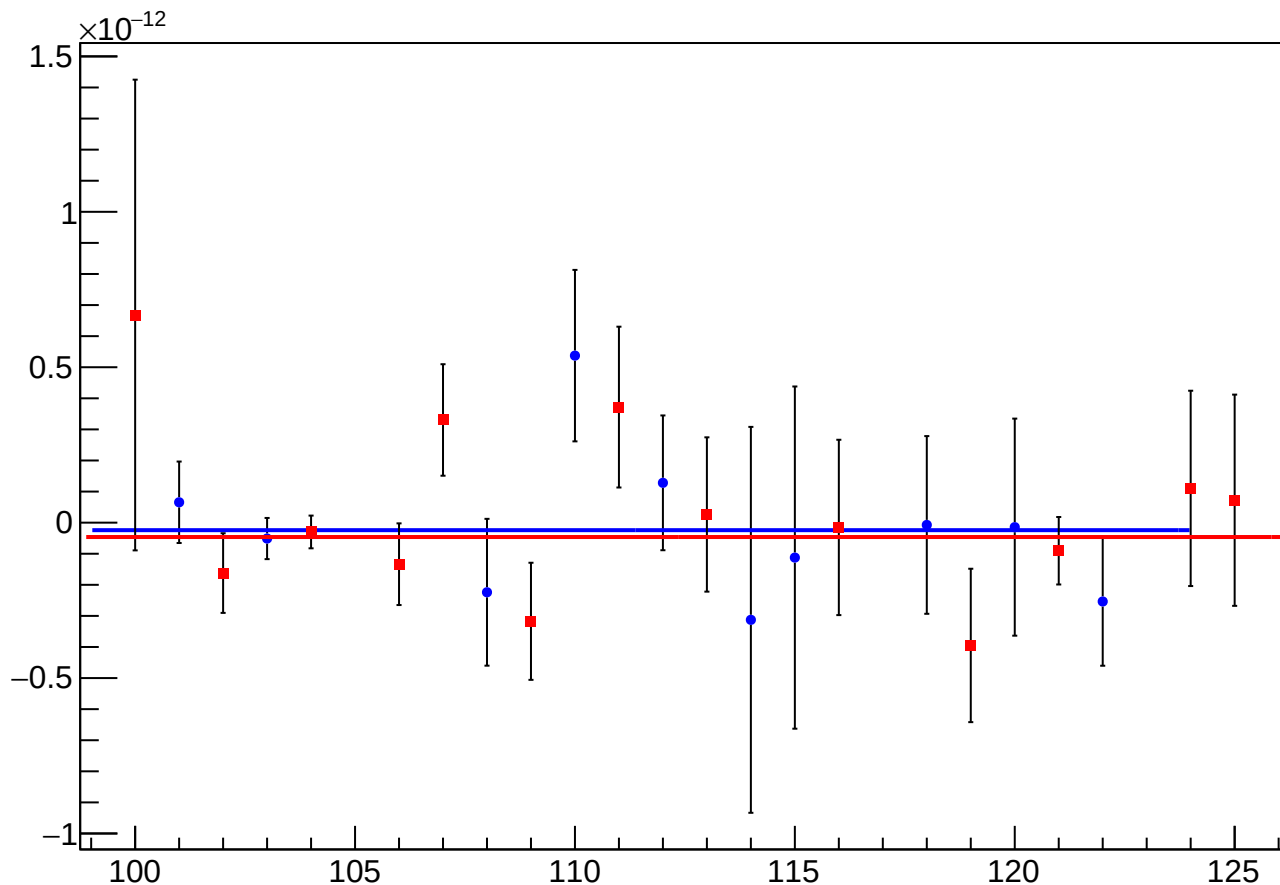
Right: 122.964 $\pm$ 0.033 χ^2 /NDF: 3395079.2/22

In: 133.937 $\pm$ 0.052 χ^2 /NDF:1287324.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 122.964 $\pm$ 0.033 χ^2 /NDF: 3395079.2/22

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 : 14.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

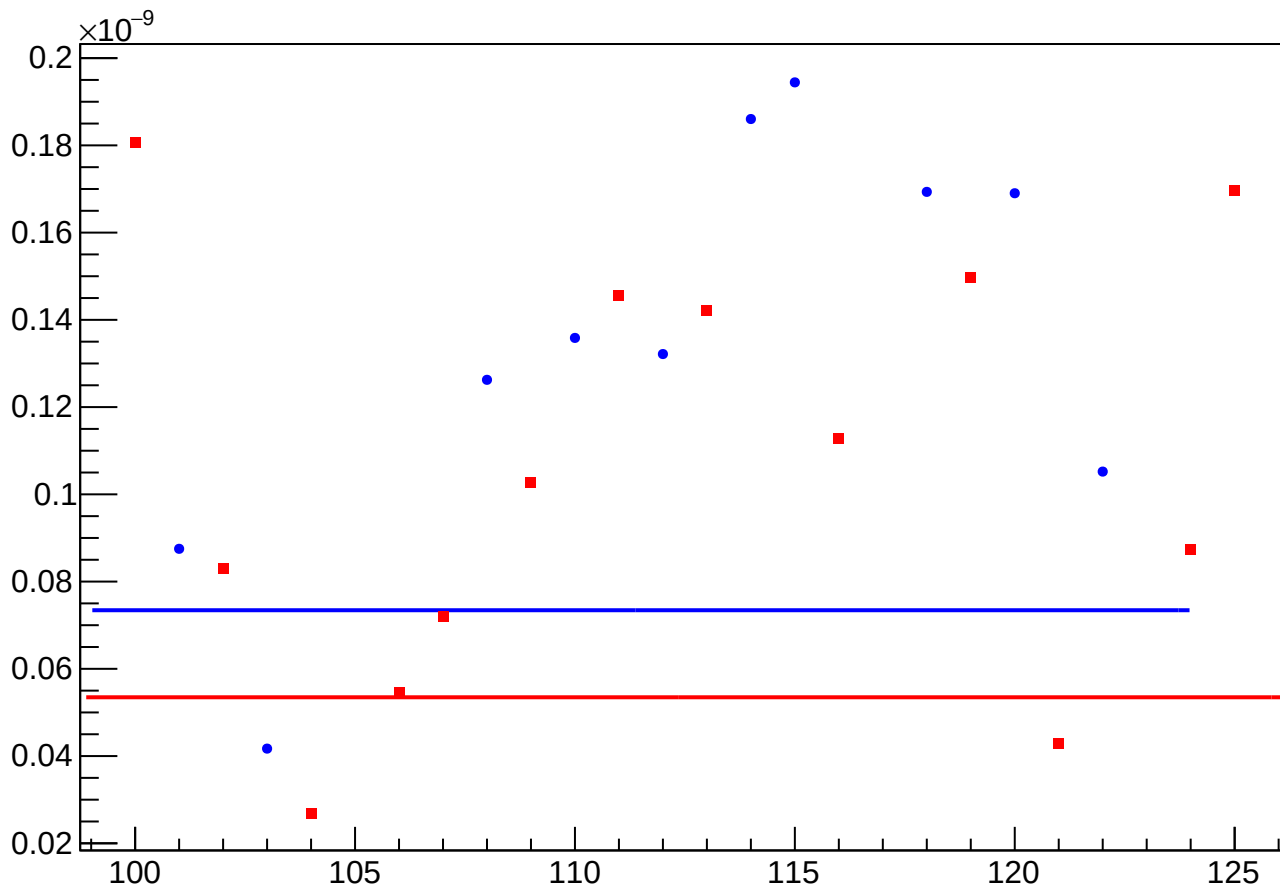
Right: -0.000+/-0.000 χ^2/NDF : 21.6/22

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 : 21.6/22

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 : 2011836.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

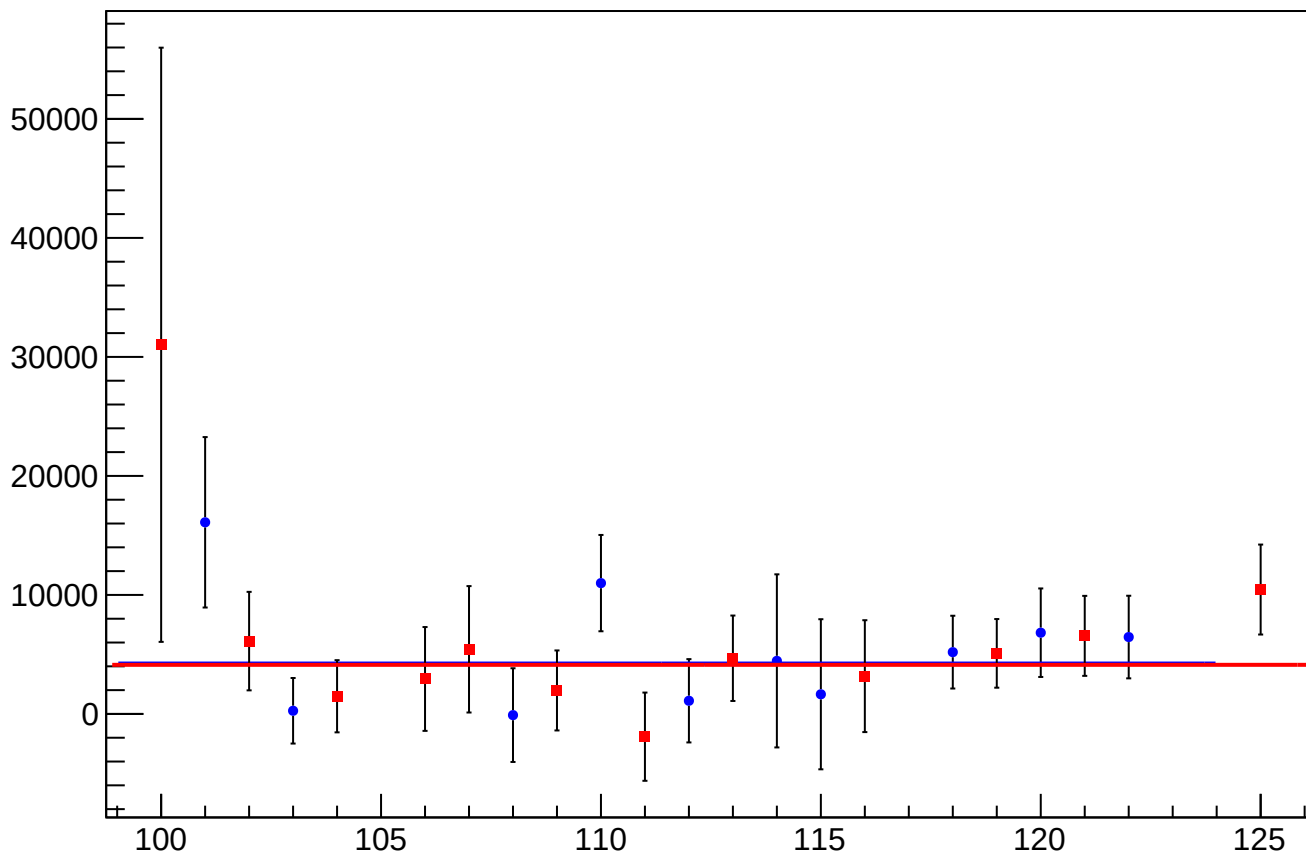
Right: 0.000+/-0.000 χ^2/NDF : 3627173.9/22

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 : 3627173.9/22

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: 4126.184+/-1104.574 χ^2/NDF : 8.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

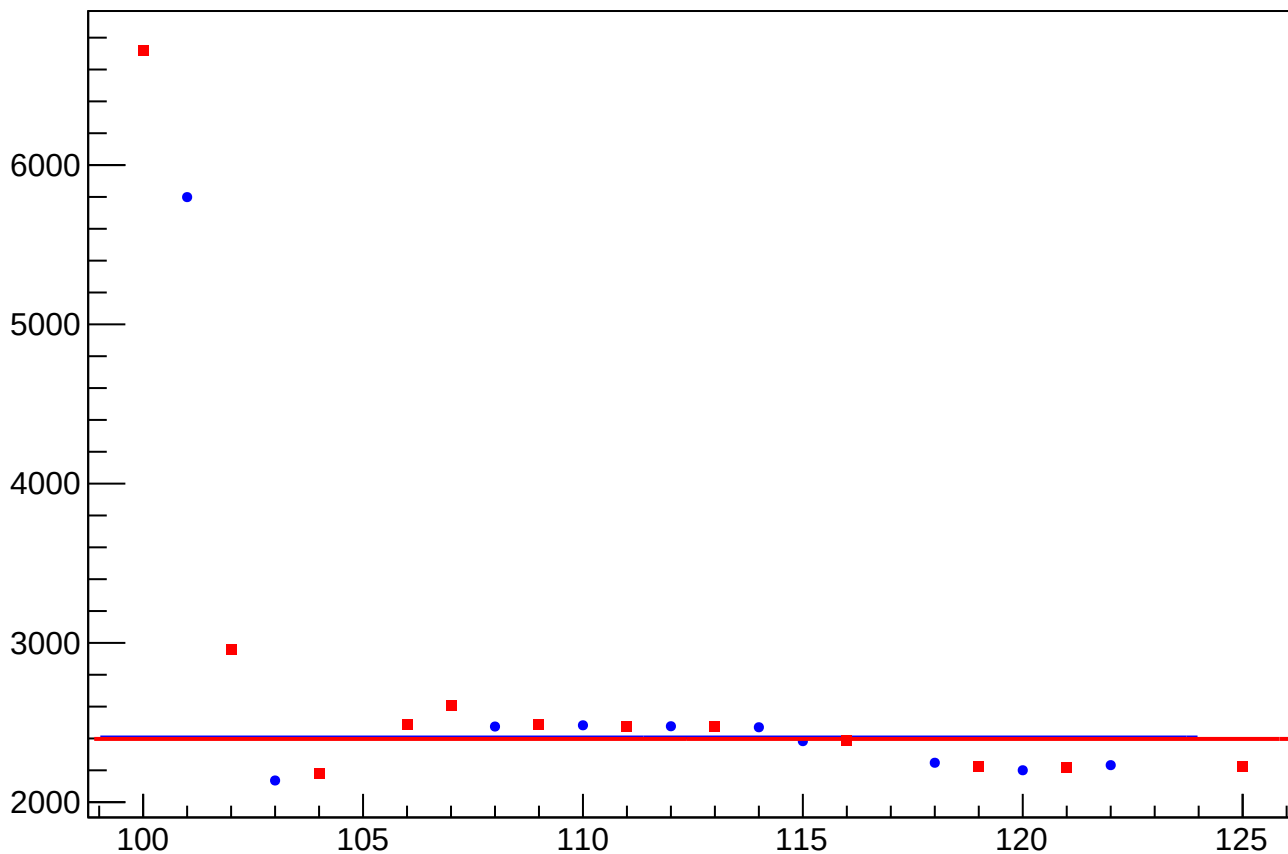
Right: 4174.591+/-820.757 χ^2/NDF : 19.6/21

In: 4234.265+/-1226.416 χ^2/NDF : 10.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4174.591+/-820.757 χ^2/NDF : 19.6/21

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: 2397.093+/-0.781 χ^2/NDF : 131316.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

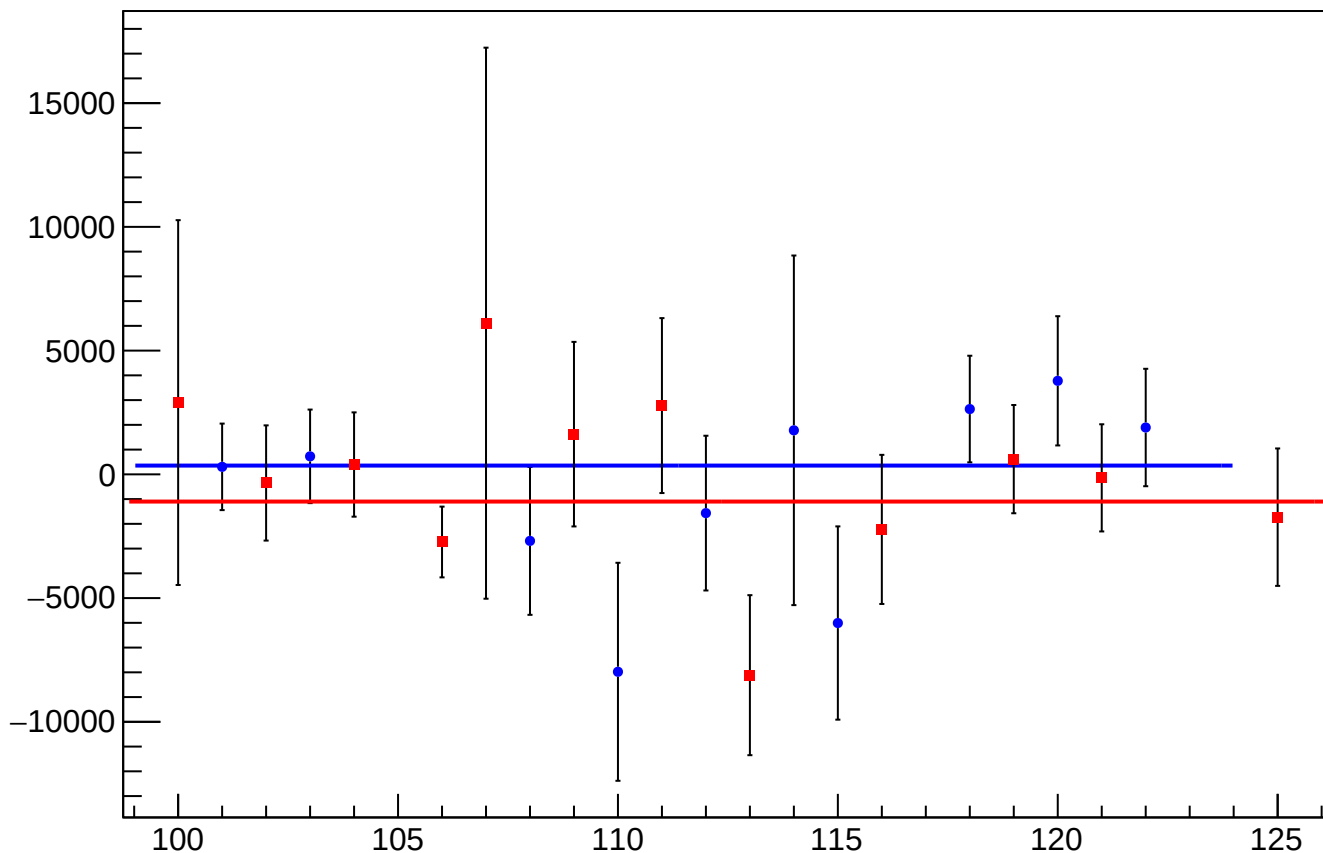
Right: 2401.024+/-0.580 χ^2/NDF : 618376.0/21

In: 2405.872+/-0.867 χ^2/NDF : 487002.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2401.024+/-0.580 χ^2/NDF : 618376.0/21

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: -1099.592+/-738.103 χ^2/NDF : 10.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

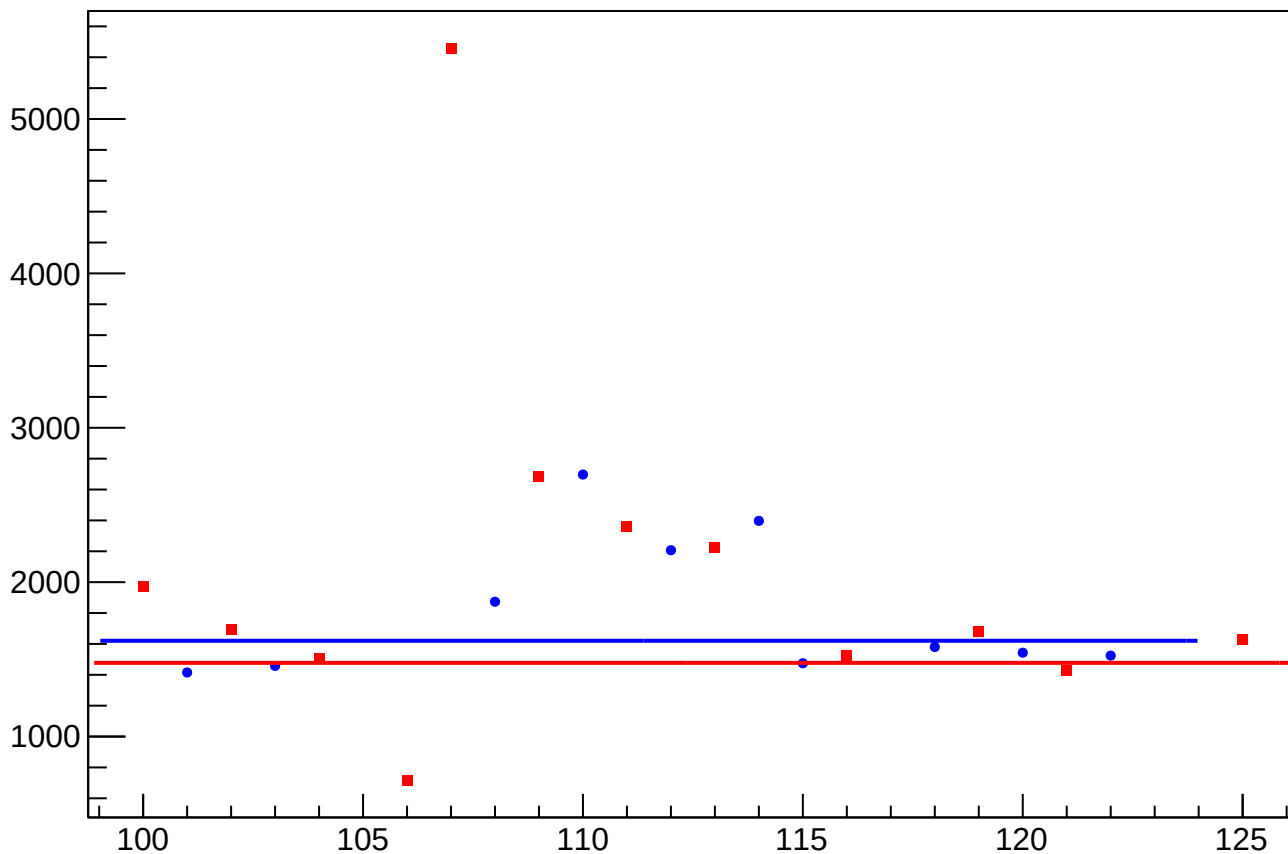
Right: -446.145+/-547.659 χ^2/NDF : 22.8/21

In: 354.248+/-816.890 χ^2/NDF : 11.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -446.145+/-547.659 χ^2/NDF : 22.8/21

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: 1477.354+/-0.522 χ^2/NDF : 1318994.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

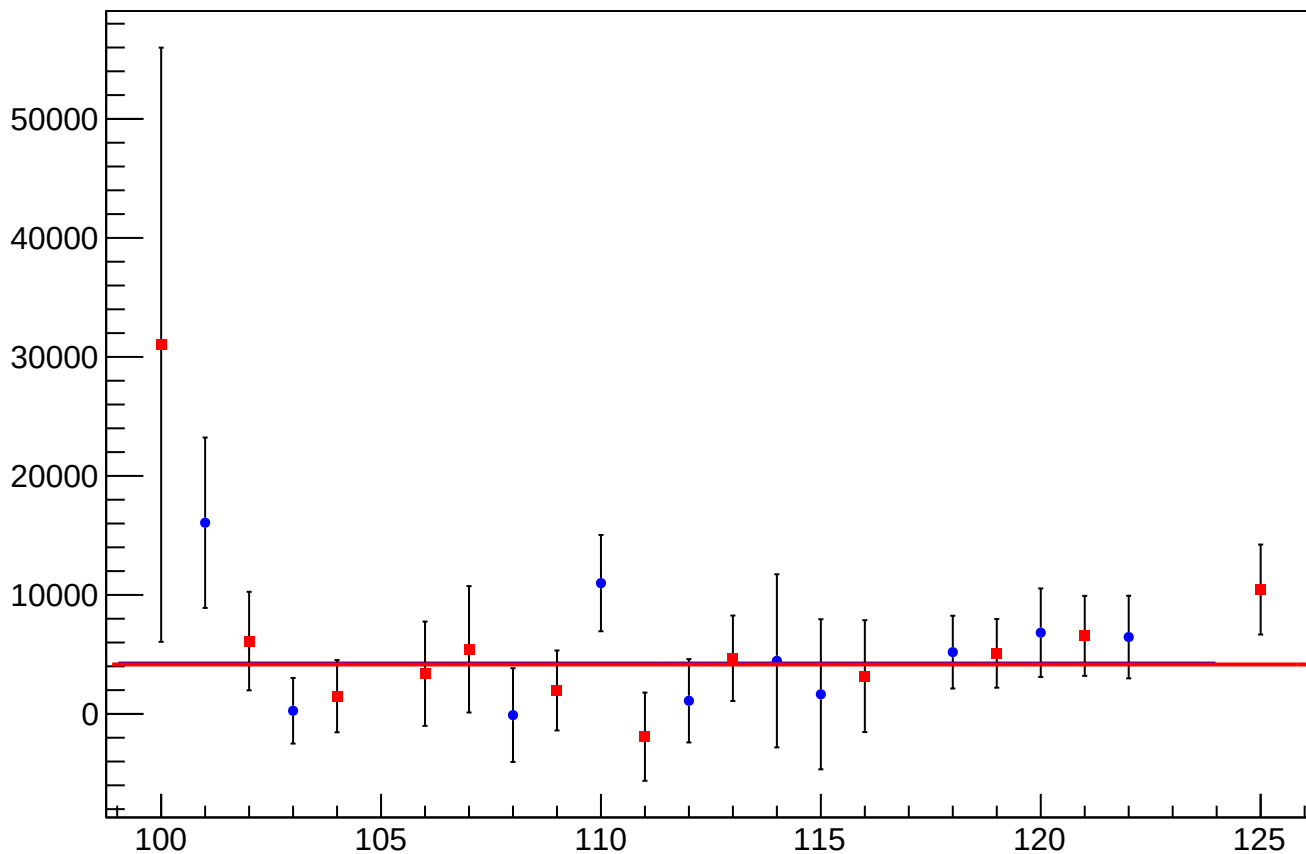
Right: 1541.641+/-0.387 χ^2/NDF : 1632125.5/21

In: 1620.385+/-0.578 χ^2/NDF : 279374.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1541.641+/-0.387 χ^2/NDF : 1632125.5/21

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: 4155.516+/-1104.881 χ^2/NDF : 8.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

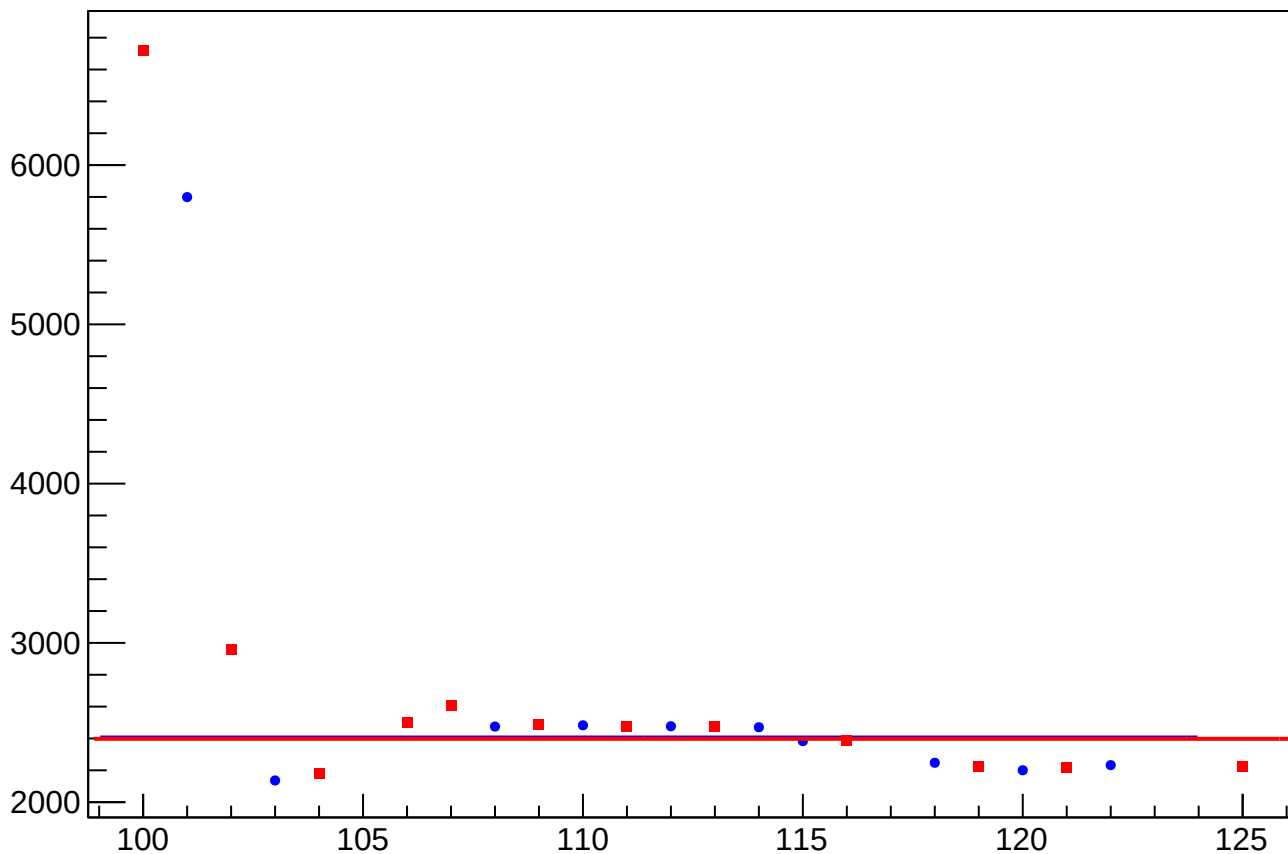
Right: 4190.303+/-820.883 χ^2/NDF : 19.6/21

In: 4233.165+/-1226.417 χ^2/NDF : 10.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4190.303+/-820.883 χ^2/NDF : 19.6/21

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: 2397.724+/-0.781 χ^2/NDF : 131528.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

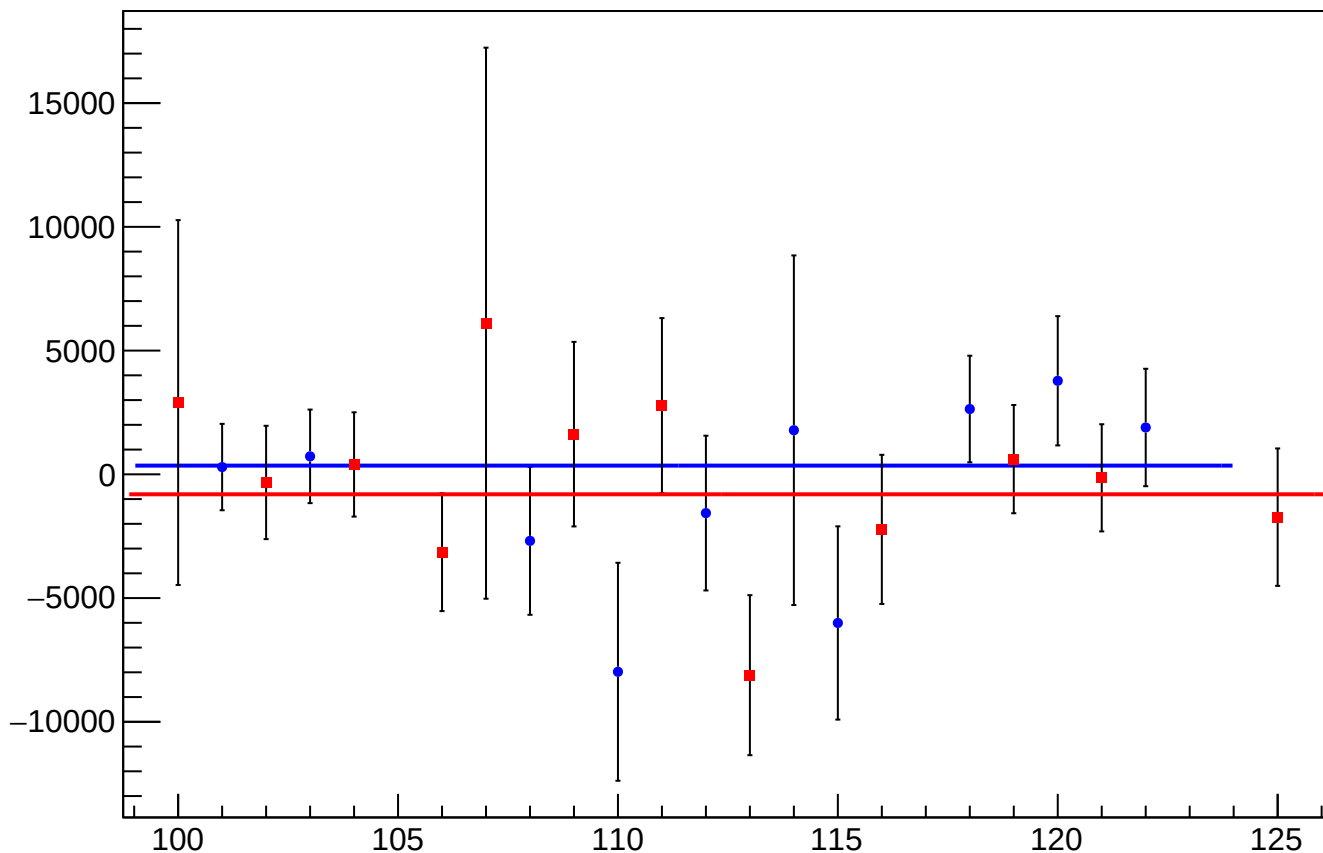
Right: 2401.374+/-0.580 χ^2/NDF : 618580.2/21

In: 2405.872+/-0.867 χ^2/NDF : 487003.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2401.374+/-0.580 χ^2/NDF : 618580.2/21

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: -806.797+/-808.771 χ^2/NDF : 9.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

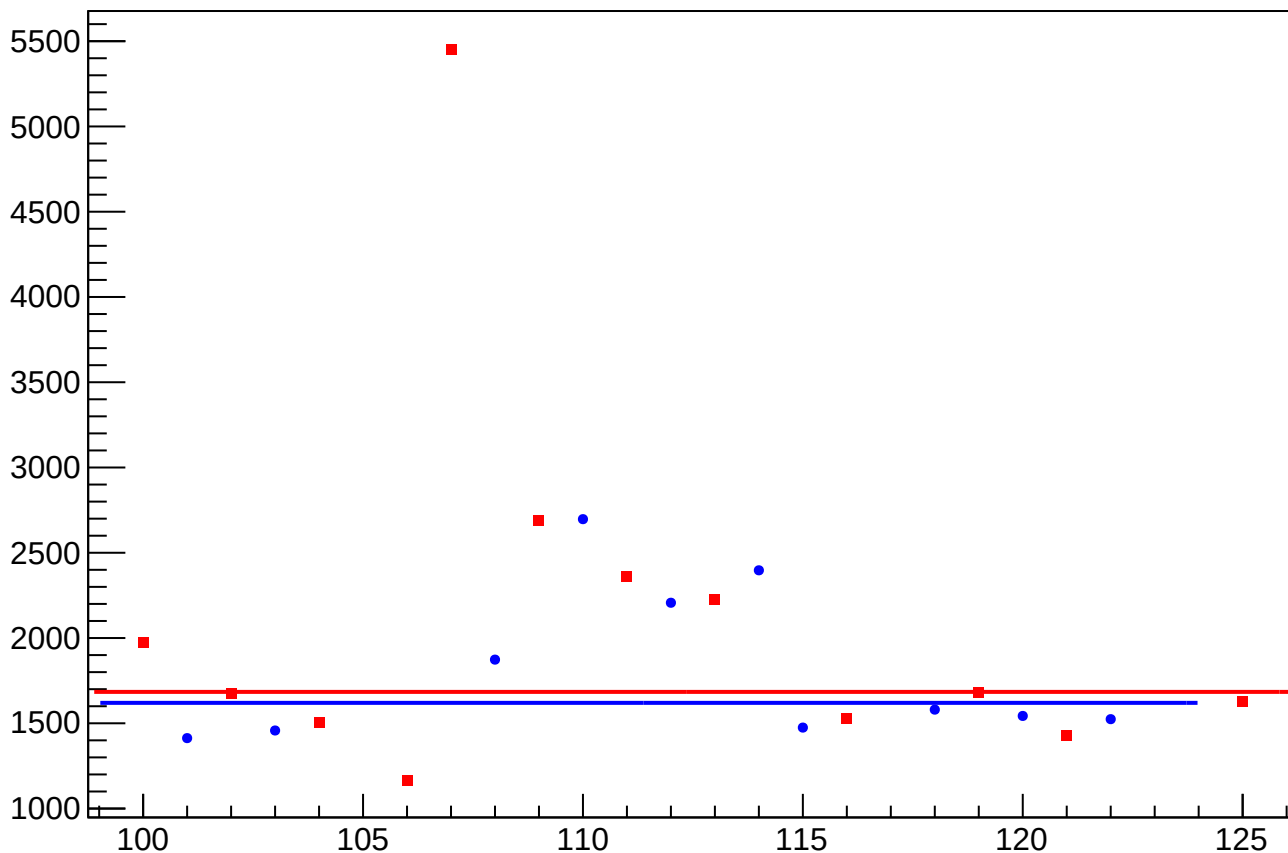
Right: -232.890+/-574.650 χ^2/NDF : 21.4/21

In: 352.244+/-816.643 χ^2/NDF : 11.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -232.890+/-574.650 χ^2/NDF : 21.4/21

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: 1684.135+/-0.572 χ^2/NDF : 650948.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

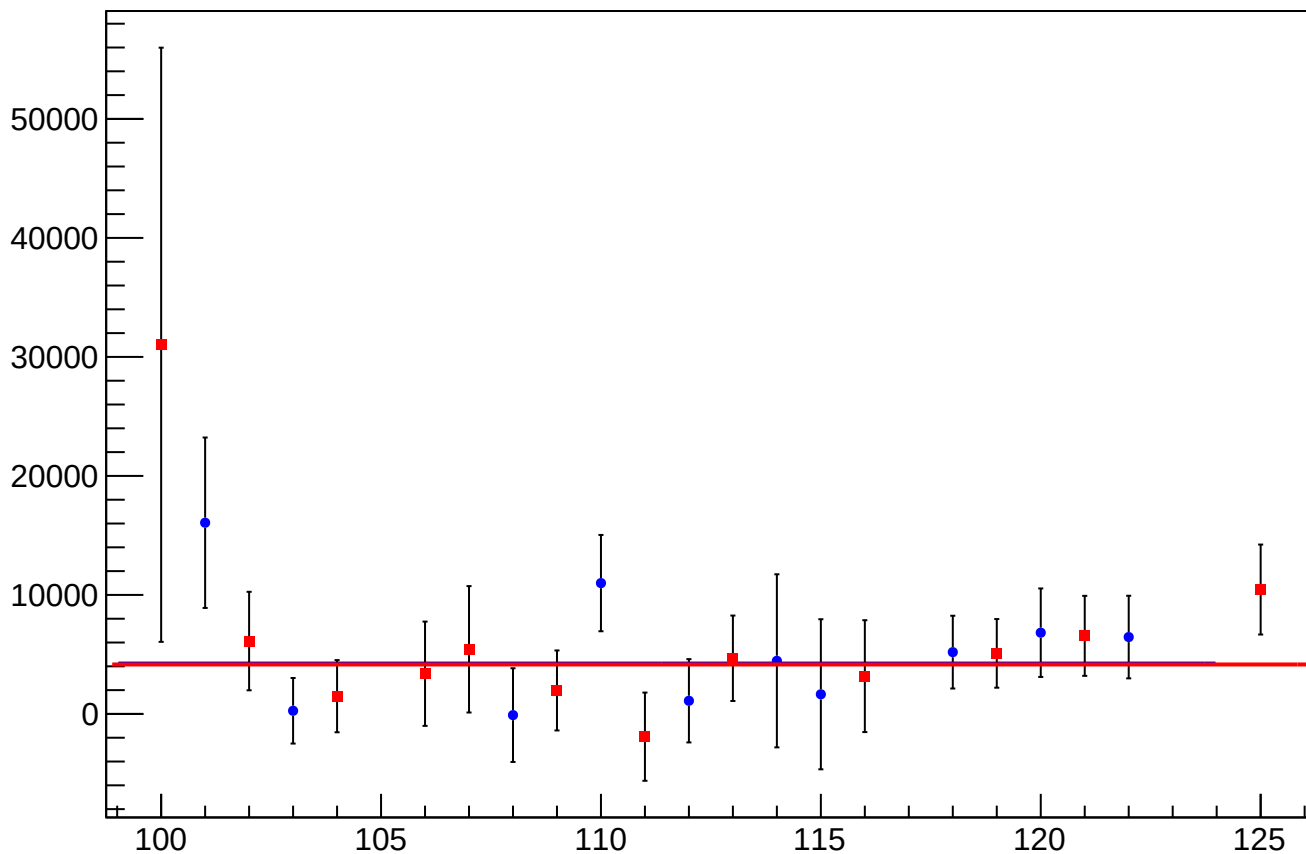
Right: 1652.304+/-0.406 χ^2/NDF : 937172.9/21

In: 1619.850+/-0.577 χ^2/NDF : 279967.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1652.304+/-0.406 χ^2/NDF : 937172.9/21

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: 4155.516+/-1104.881 χ^2/NDF : 8.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

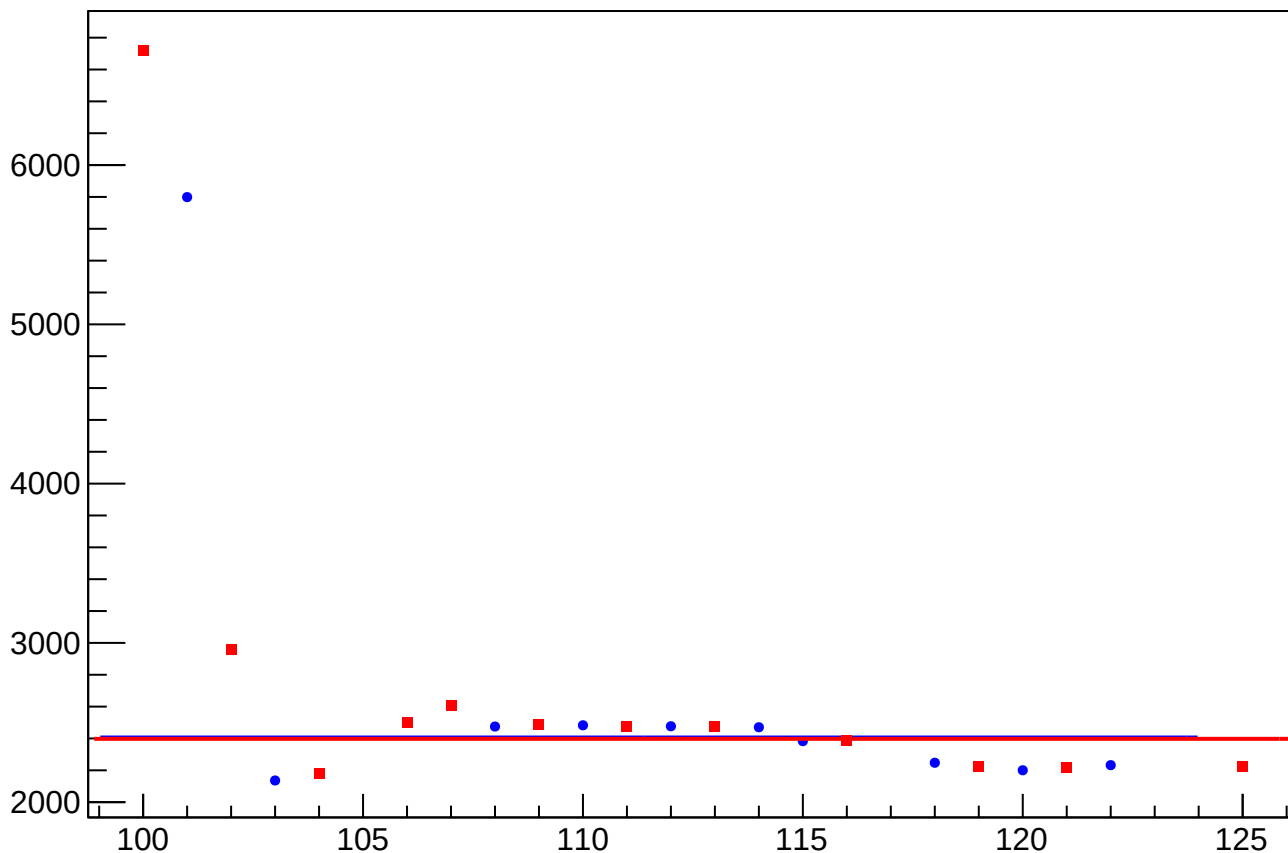
Right: 4190.303+/-820.883 χ^2/NDF : 19.6/21

In: 4233.165+/-1226.417 χ^2/NDF : 10.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4190.303+/-820.883 χ^2/NDF : 19.6/21

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: 2397.724+/-0.781 χ^2/NDF : 131528.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

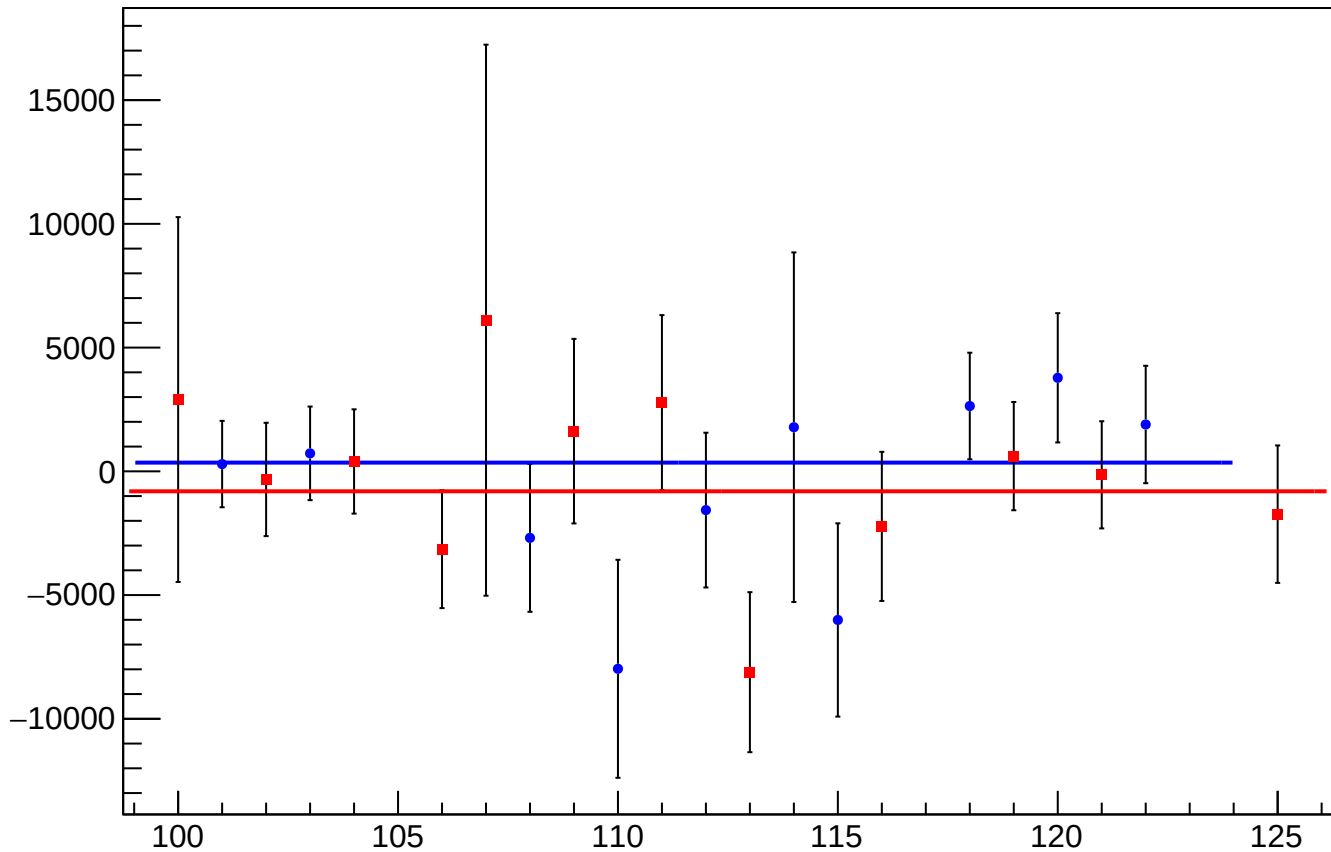
Right: 2401.374+/-0.580 χ^2/NDF : 618580.2/21

In: 2405.872+/-0.867 χ^2/NDF : 487003.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2401.374+/-0.580 χ^2/NDF : 618580.2/21

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: -806.797+/-808.771 χ^2/NDF : 9.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

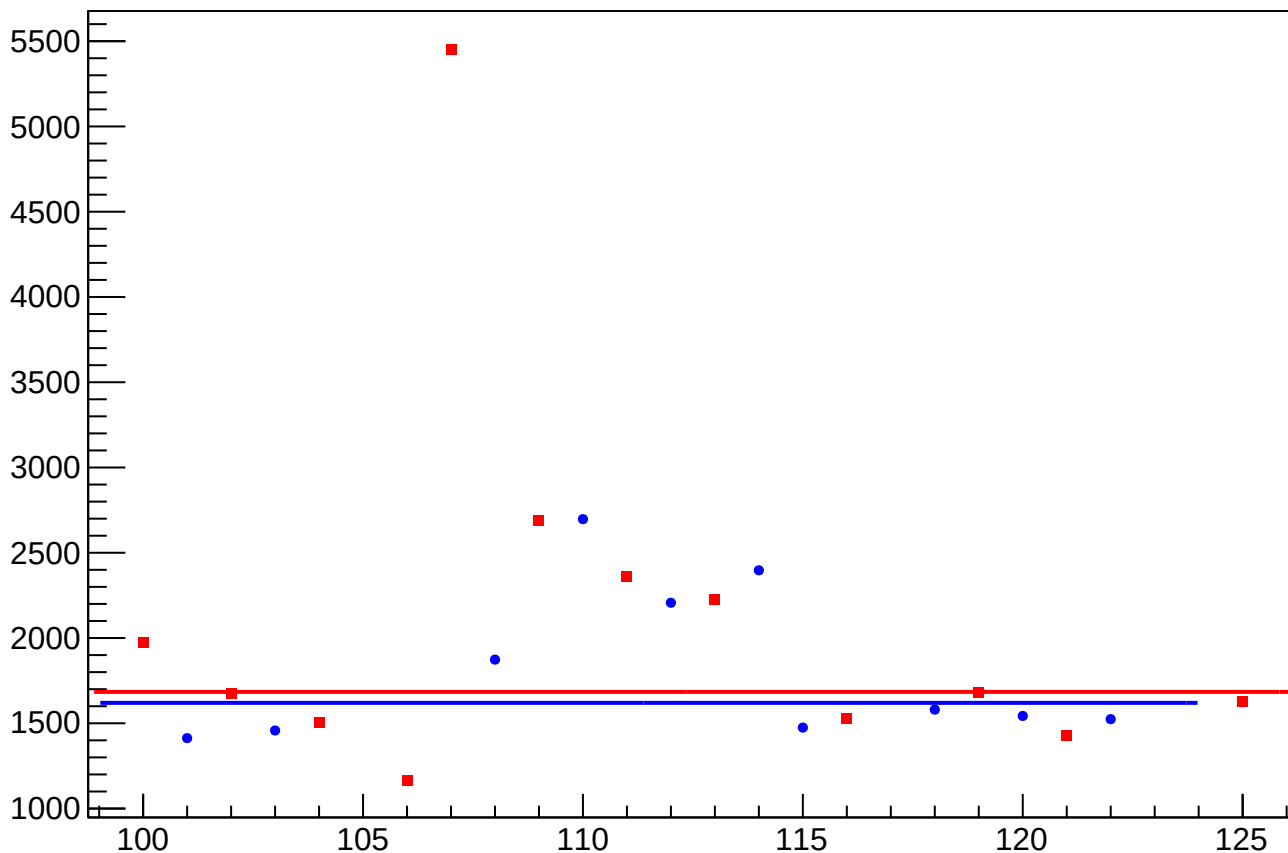
Right: -232.890+/-574.650 χ^2/NDF : 21.4/21

In: 352.244+/-816.643 χ^2/NDF : 11.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -232.890+/-574.650 χ^2/NDF : 21.4/21

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: 1684.135+/-0.572 χ^2/NDF : 650948.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

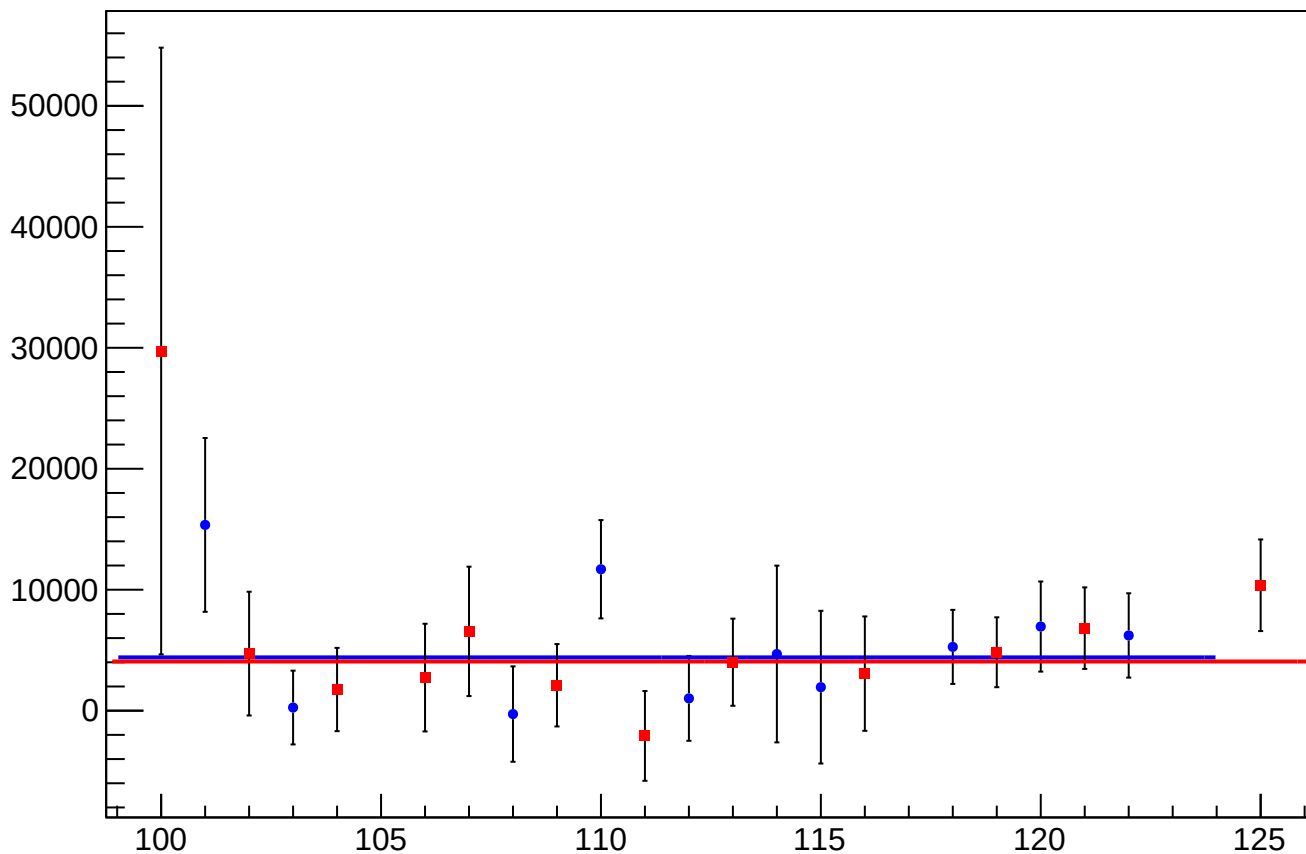
Right: 1652.304+/-0.406 χ^2/NDF : 937172.9/21

In: 1619.850+/-0.577 χ^2/NDF : 279967.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1652.304+/-0.406 χ^2/NDF : 937172.9/21

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: 4064.312+/-1141.149 χ^2/NDF : 8.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

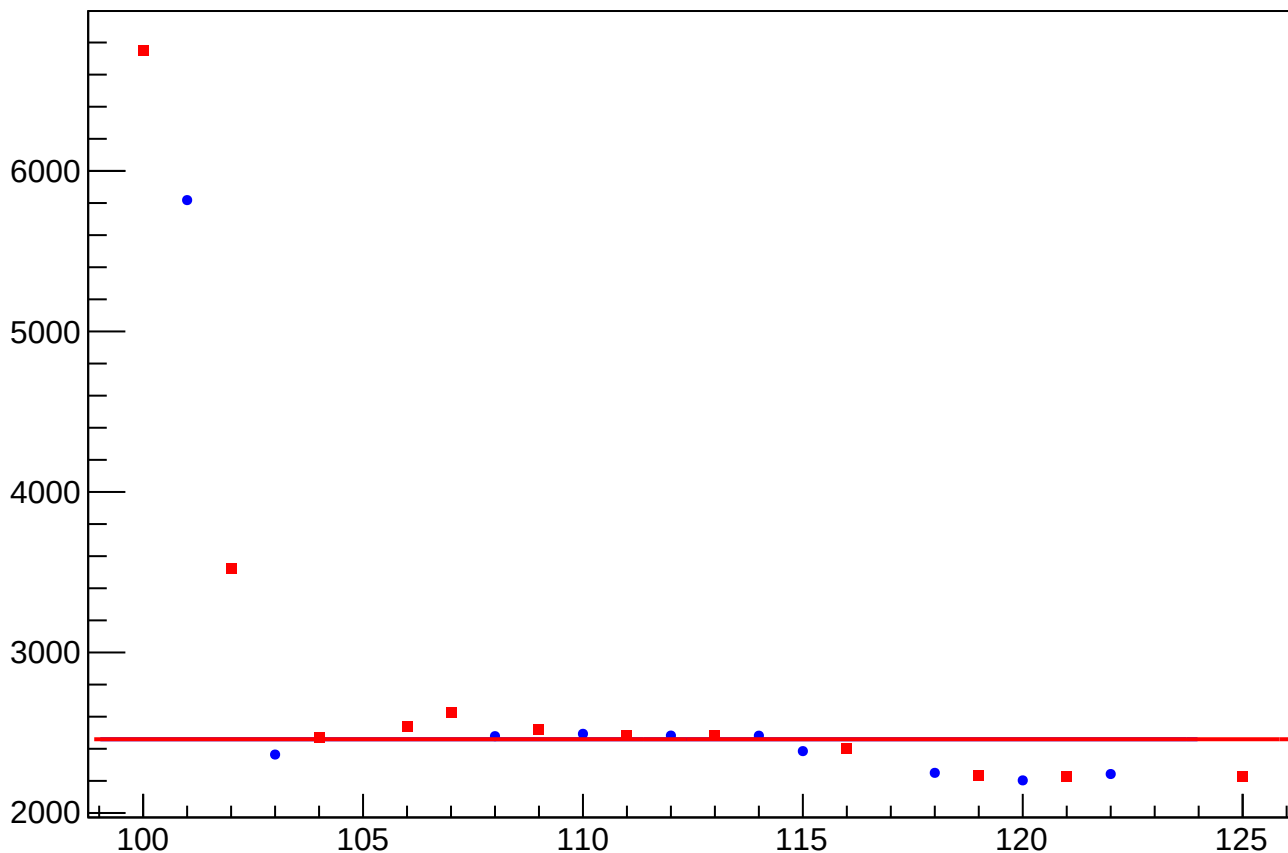
Right: 4219.399+/-843.410 χ^2/NDF : 19.2/21

In: 4406.103+/-1252.077 χ^2/NDF : 10.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4219.399+/-843.410 χ^2/NDF : 19.2/21

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: 2459.410+/-0.807 χ^2/NDF : 178199.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

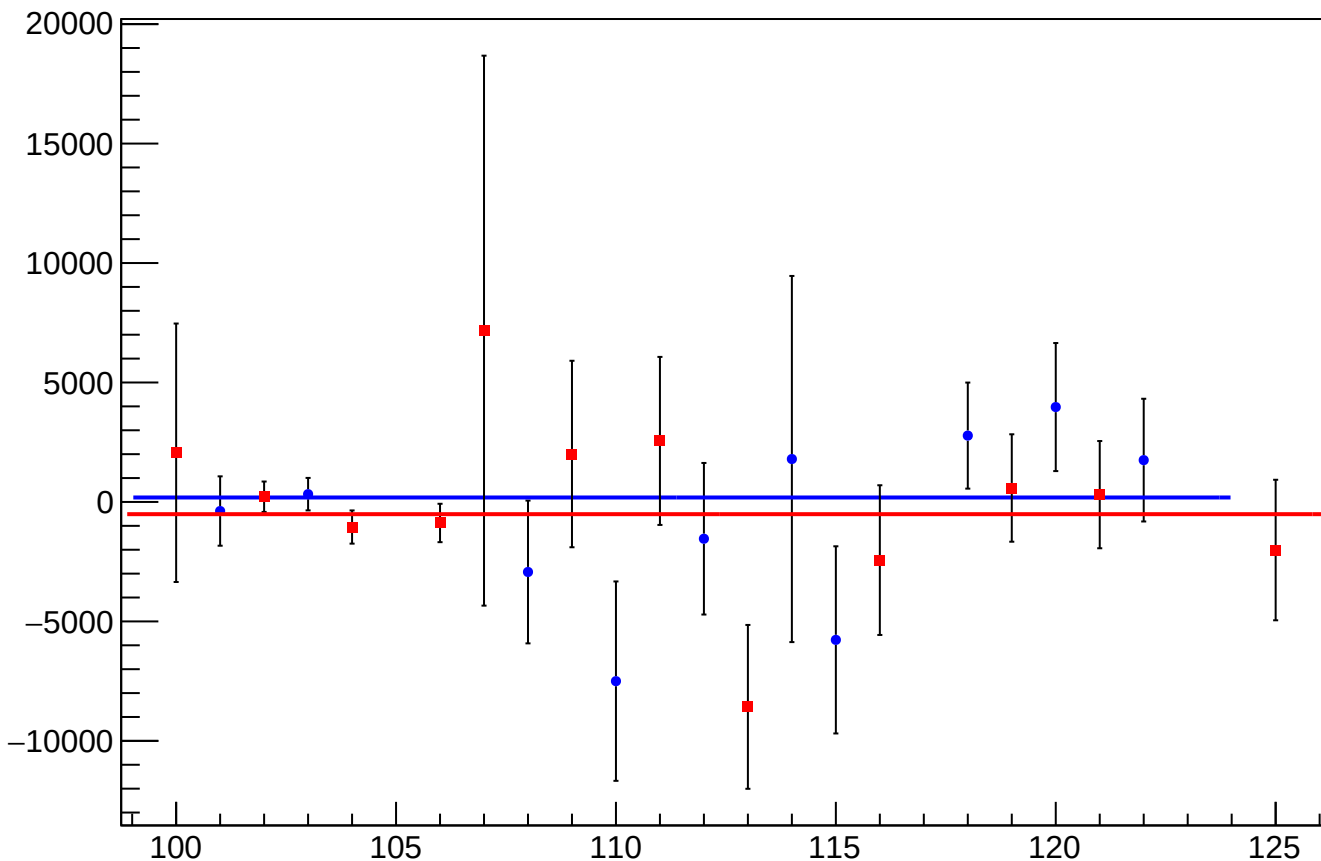
Right: 2459.332+/-0.596 χ^2/NDF : 644288.8/21

In: 2459.238+/-0.885 χ^2/NDF : 466089.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2459.332+/-0.596 χ^2/NDF : 644288.8/21

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: -511.248+/-378.530 χ^2/NDF : 10.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

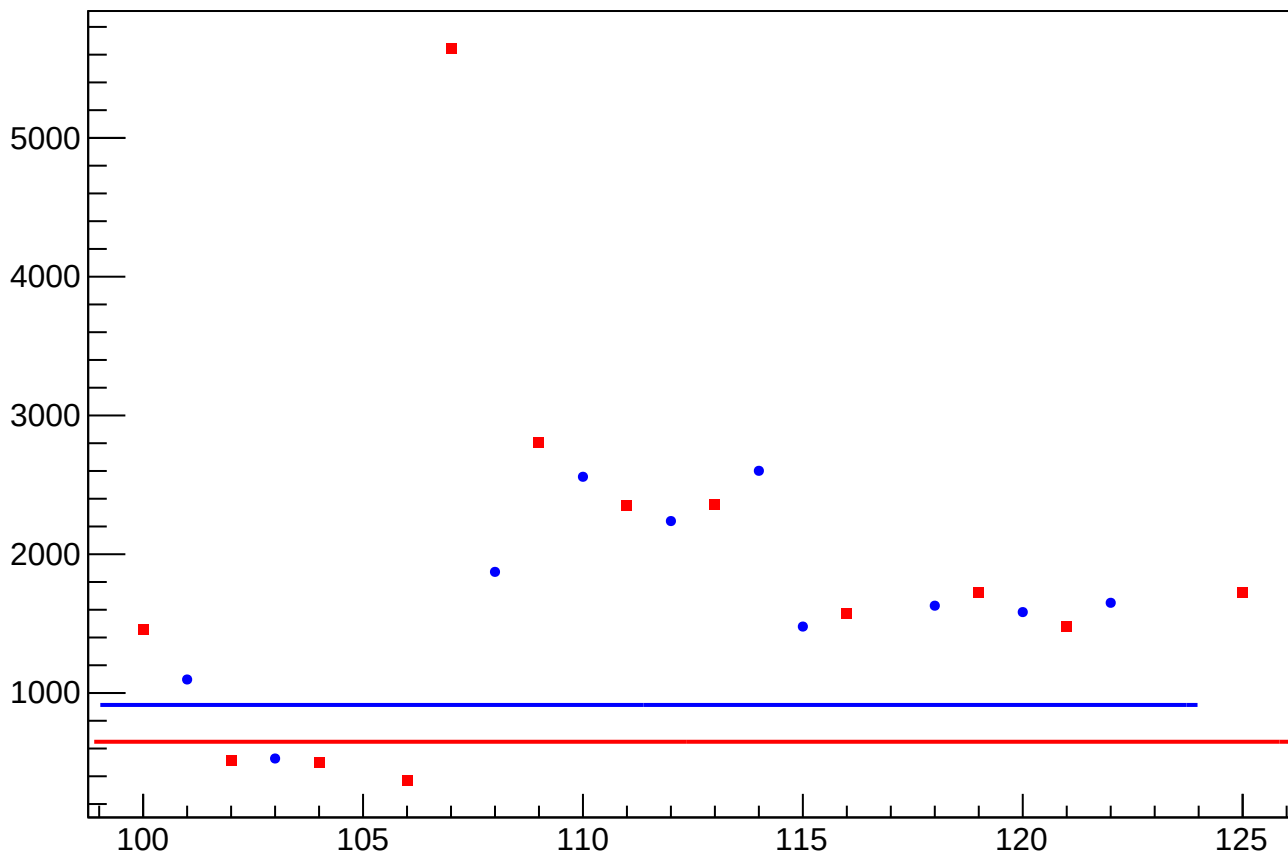
Right: -278.658+/-309.126 χ^2/NDF : 22.7/21

In: 187.035+/-535.618 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -278.658+/-309.126 χ^2/NDF : 22.7/21

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: 648.749+/-0.268 χ^2/NDF : 3599630.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

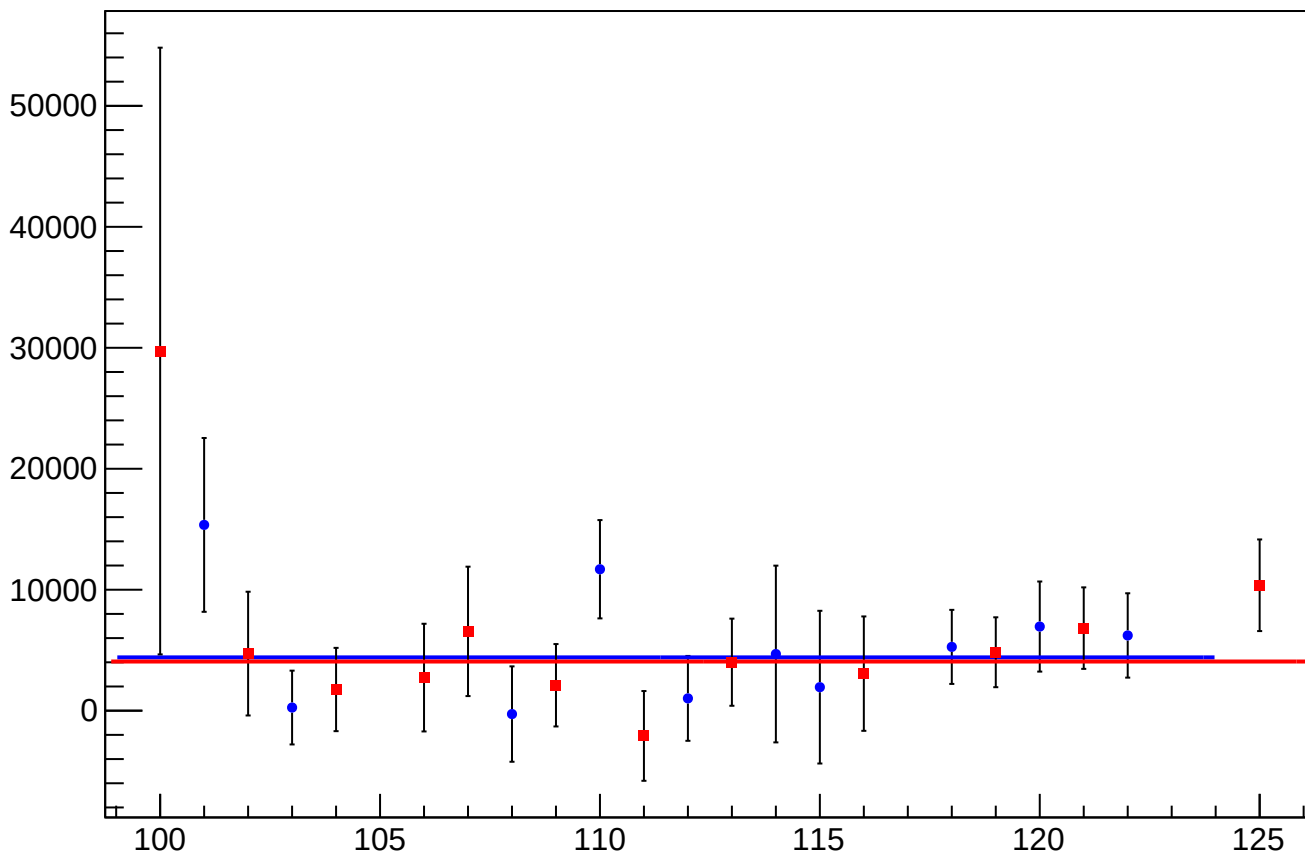
Right: 737.115+/-0.219 χ^2/NDF : 6104743.0/21

In: 914.040+/-0.379 χ^2/NDF :2177897.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 737.115+/-0.219 χ^2/NDF : 6104743.0/21

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: 4064.310+/-1141.149 χ^2/NDF : 8.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

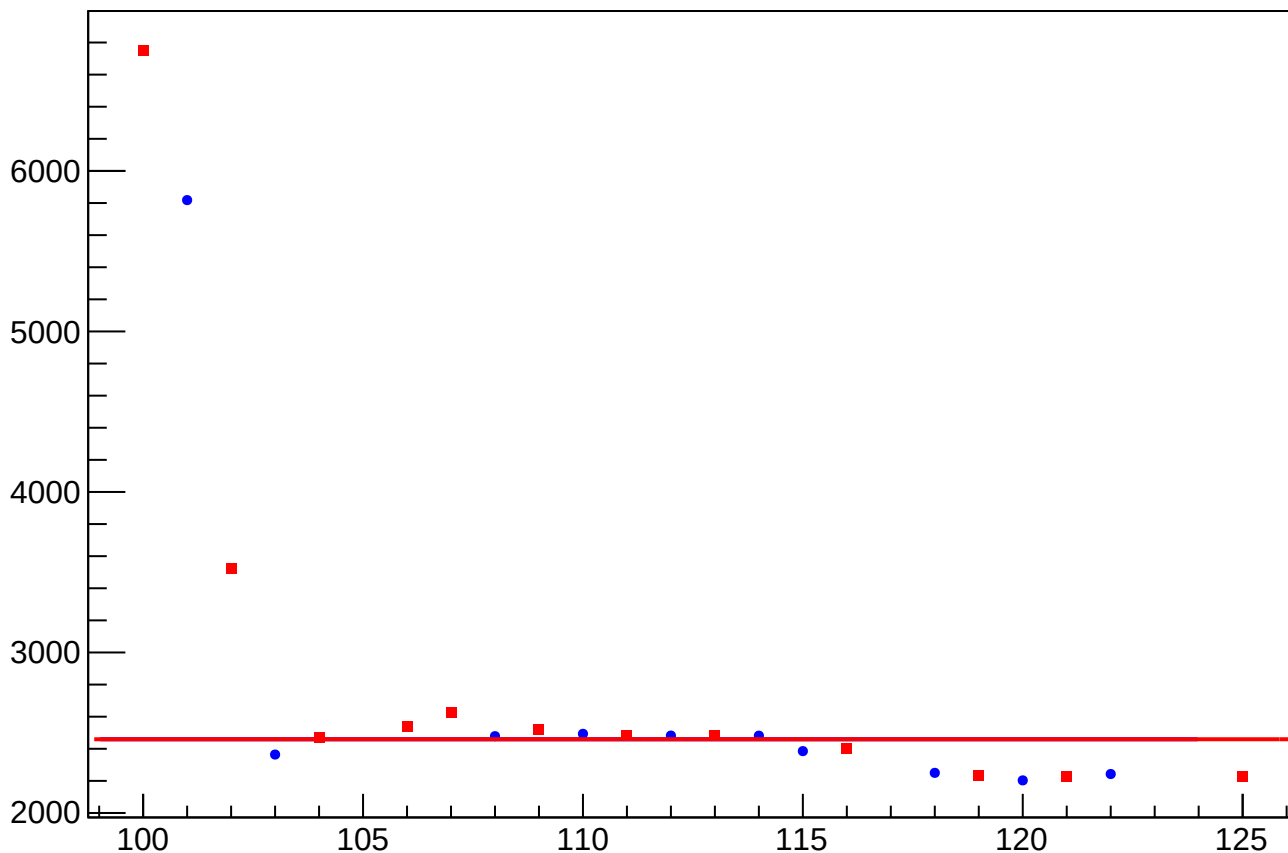
Right: 4219.395+/-843.410 χ^2/NDF : 19.2/21

In: 4406.097+/-1252.076 χ^2/NDF :10.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4219.395+/-843.410 χ^2/NDF : 19.2/21

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: 2459.409+/-0.807 χ^2/NDF : 178198.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

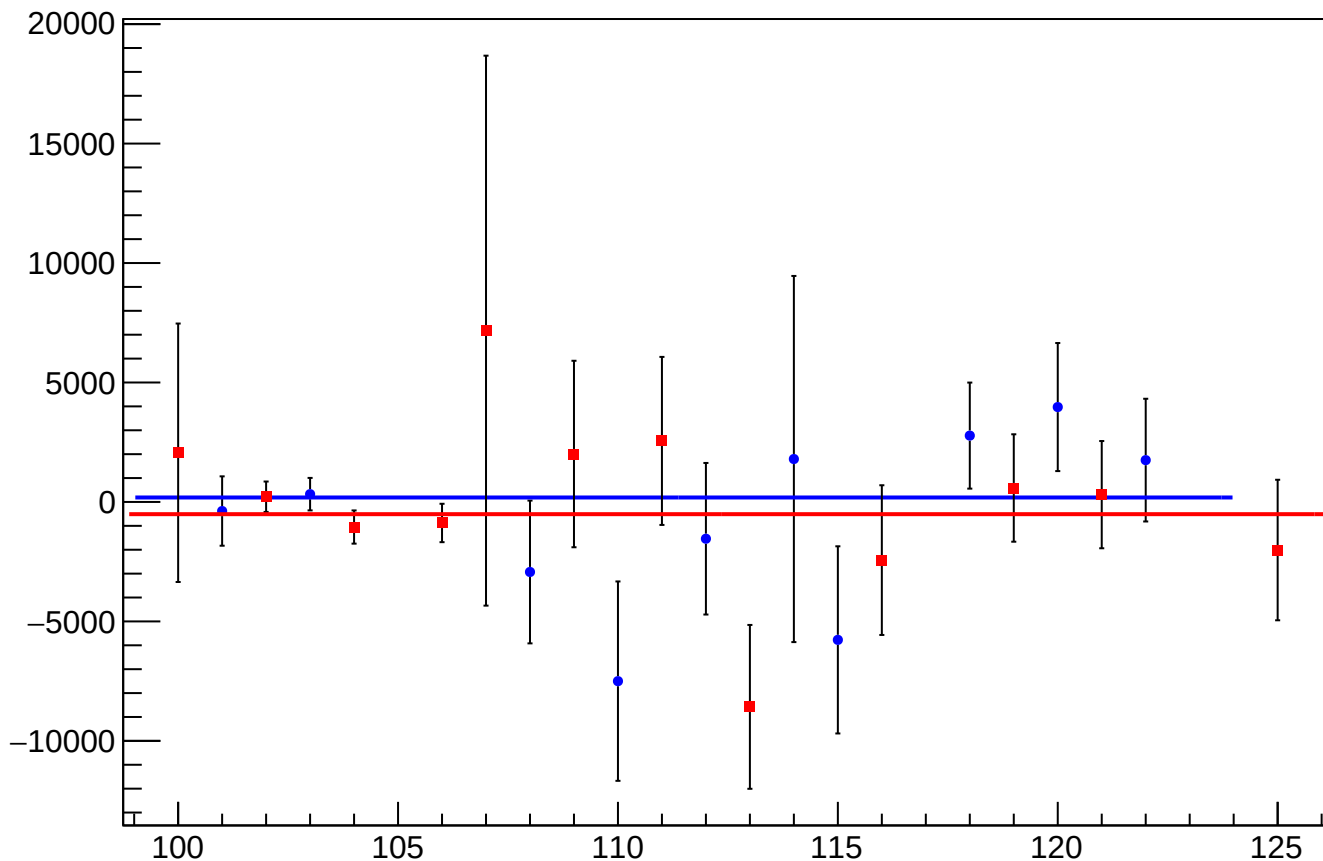
Right: 2459.331+/-0.596 χ^2/NDF : 644288.2/21

In: 2459.237+/-0.885 χ^2/NDF : 466090.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2459.331+/-0.596 χ^2/NDF : 644288.2/21

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: -511.254+/-378.536 χ^2/NDF : 10.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

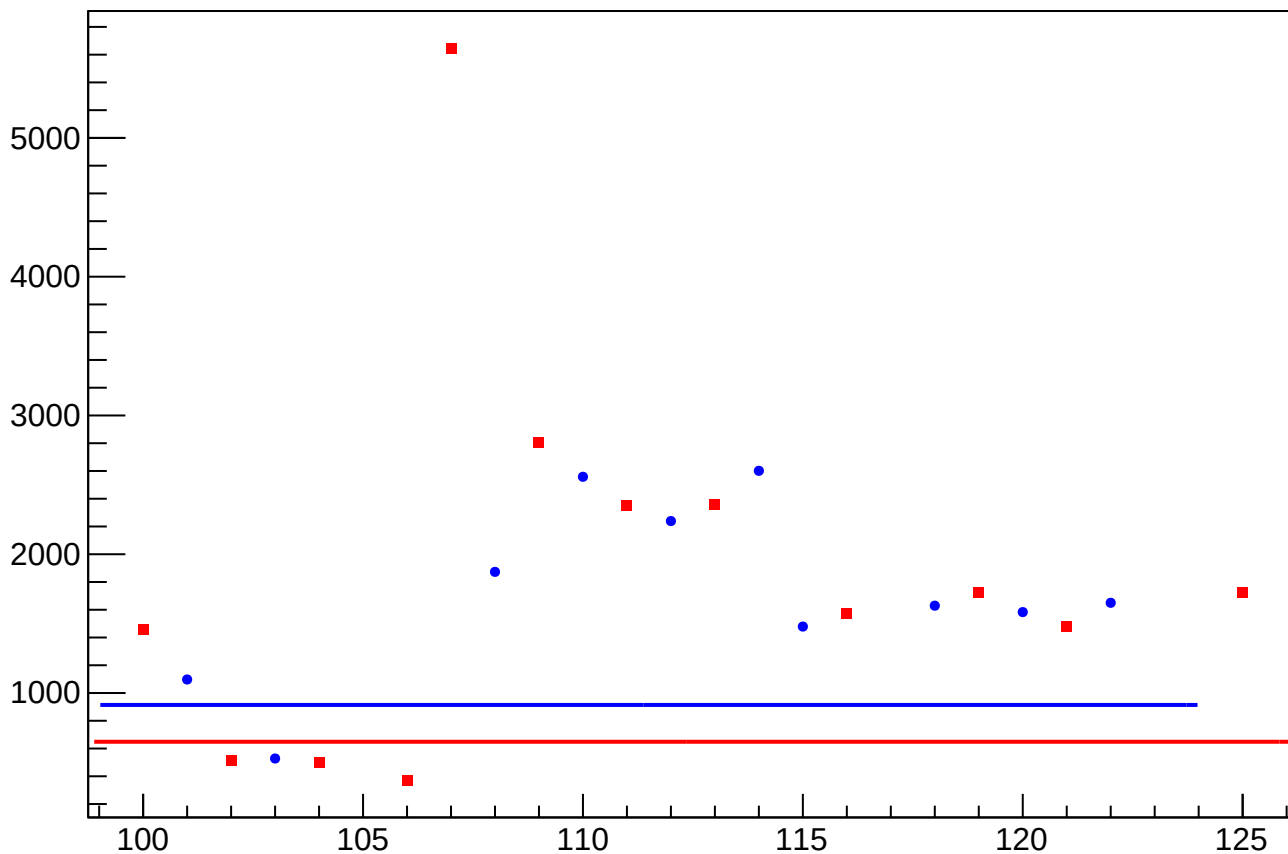
Right: -278.661+/-309.129 χ^2/NDF : 22.7/21

In: 187.030+/-535.622 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -278.661+/-309.129 χ^2/NDF : 22.7/21

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: 648.763+/-0.268 χ^2/NDF : 3599561.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

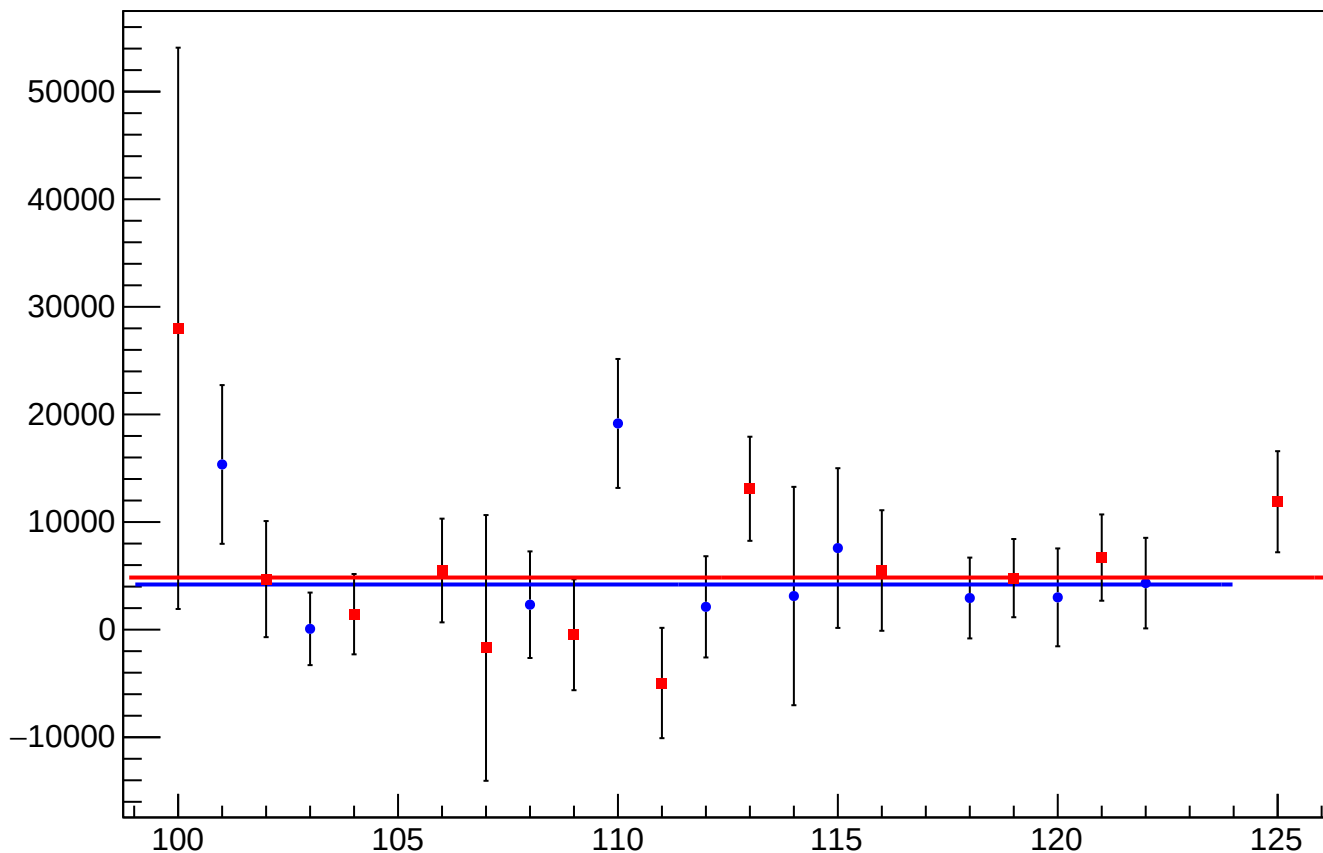
Right: 737.128+/-0.219 χ^2/NDF : 6104616.2/21

In: 914.050+/-0.379 χ^2/NDF : 2177855.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 737.128+/-0.219 χ^2/NDF : 6104616.2/21

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: 4843.609+/-1427.536 χ^2/NDF : 12.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

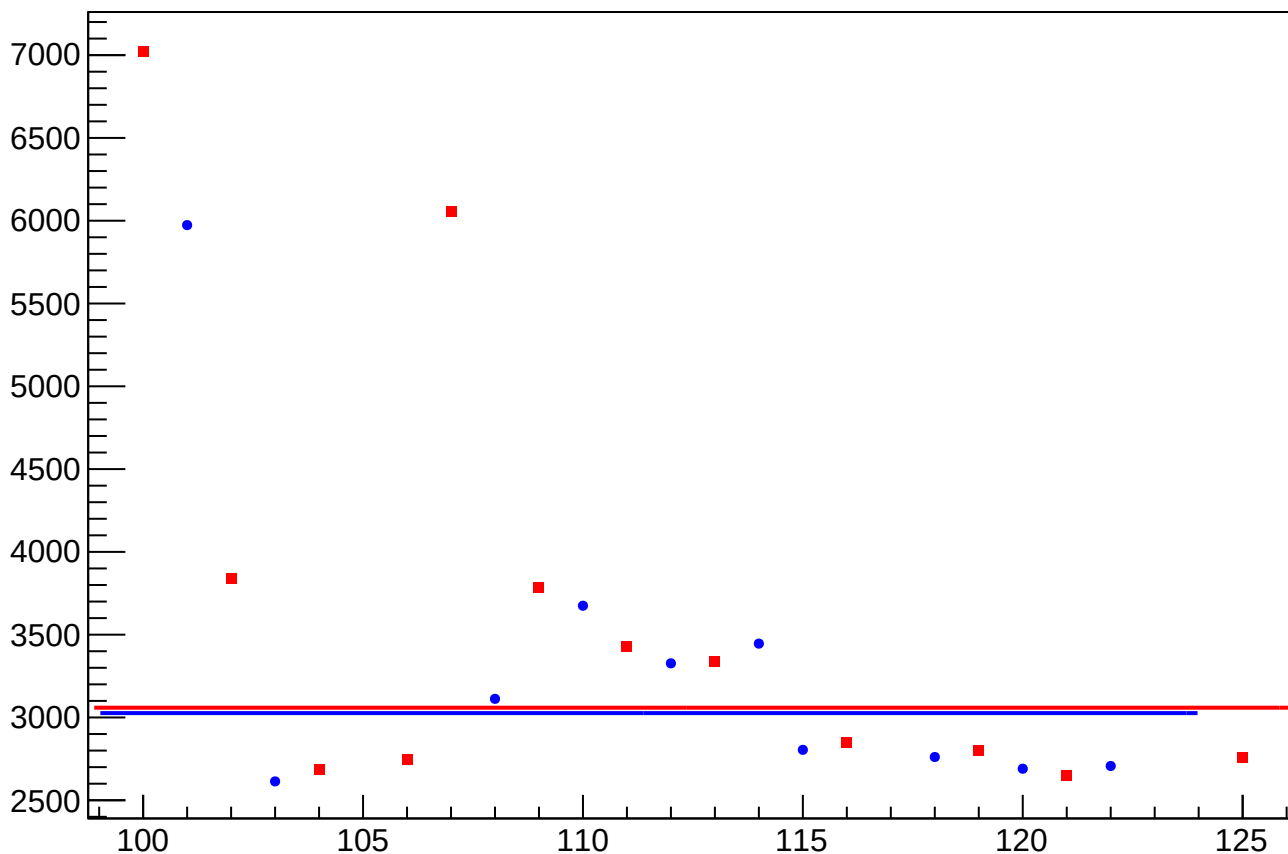
Right: 4543.772+/-1045.738 χ^2/NDF : 22.9/21

In: 4196.536+/-1536.232 χ^2/NDF :10.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4543.772+/-1045.738 χ^2/NDF : 22.9/21

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: 3059.005+/-1.009 χ^2/NDF : 332142.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

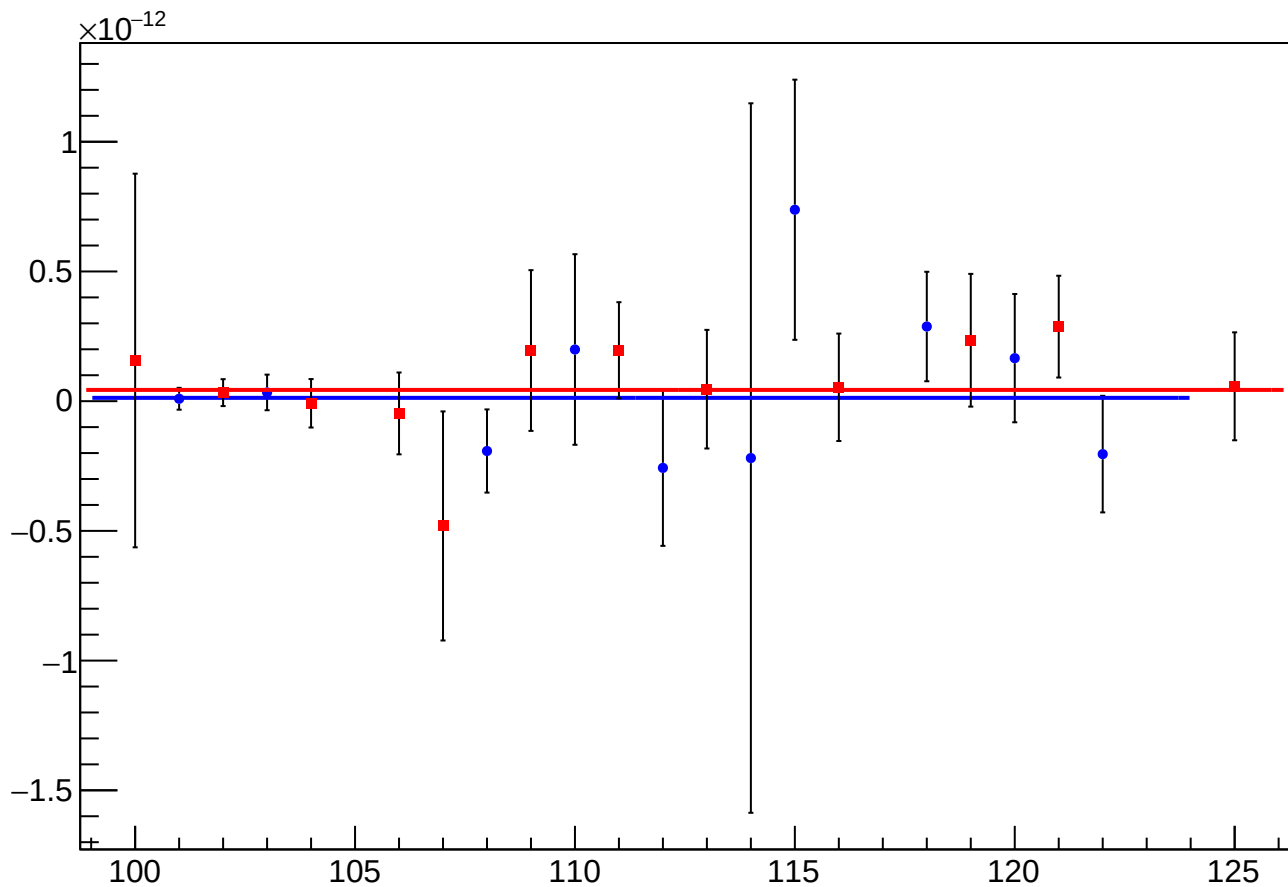
Right: 3043.871+/-0.739 χ^2/NDF : 751699.3/21

In: 3026.345+/-1.086 χ^2/NDF : 419071.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3043.871+/-0.739 χ^2/NDF : 751699.3/21

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 : 5.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

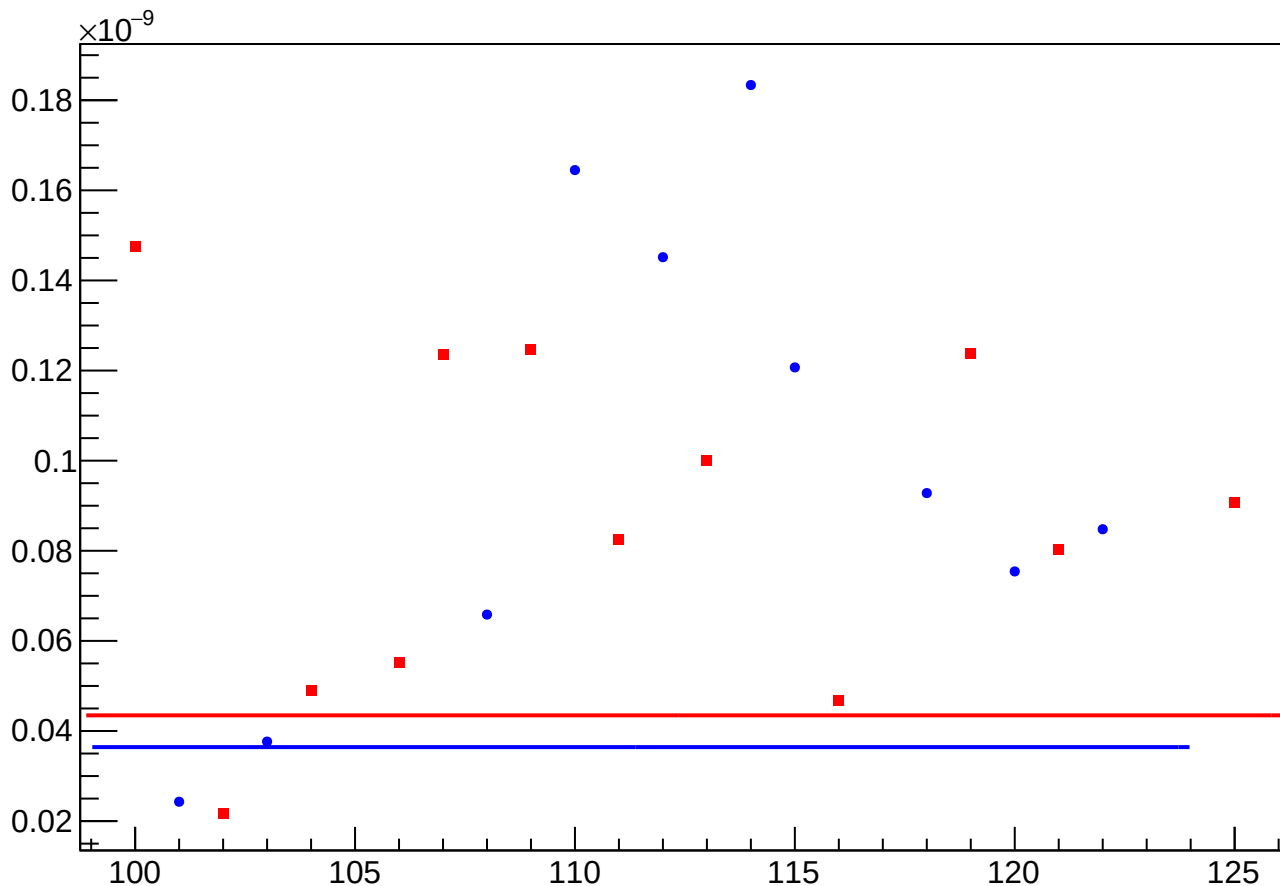
Right: 0.000+/-0.000 χ^2/NDF : 13.4/21

In: 0.000+/-0.000 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.4/21

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 : 1199287.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

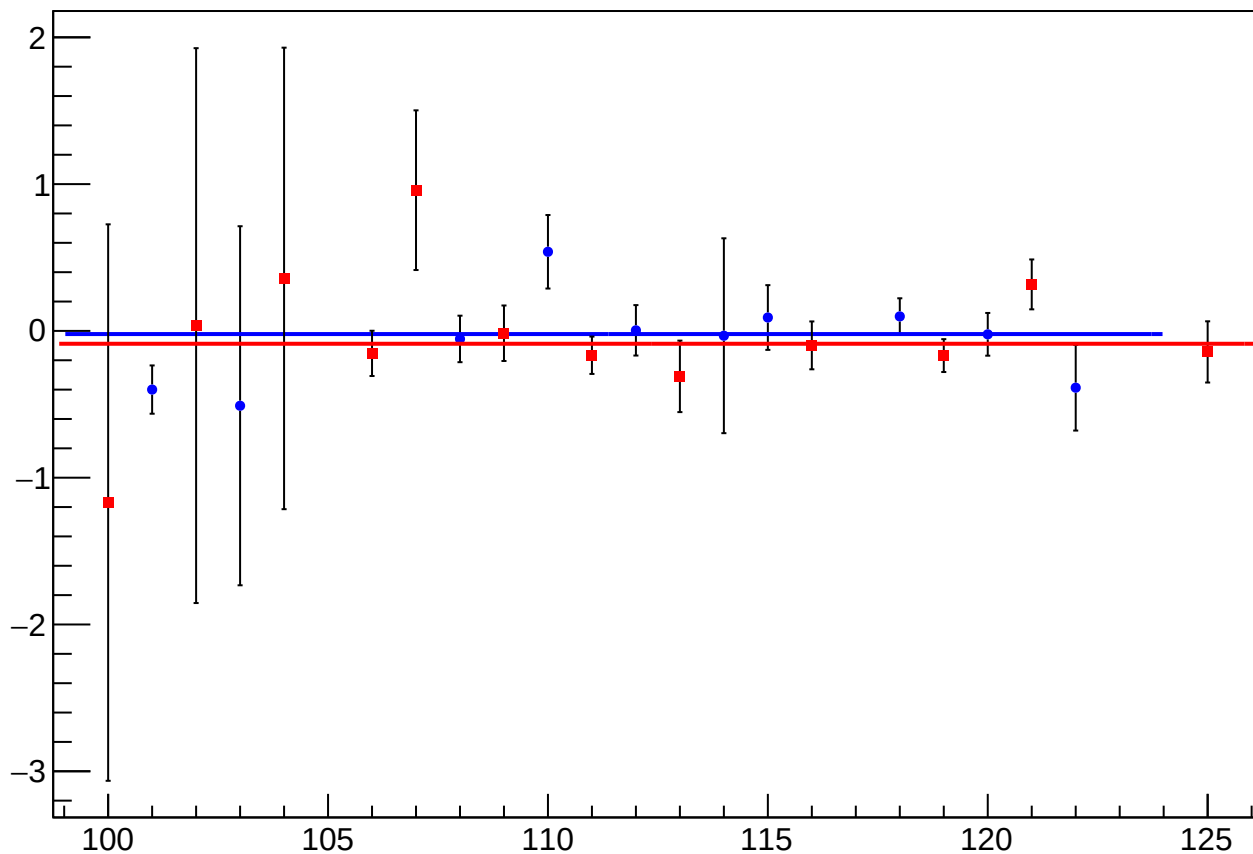
Right: 0.000+/-0.000 χ^2/NDF : 2341010.8/21

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 : 2341010.8/21

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: -0.088+/-0.055 χ^2/NDF : 11.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

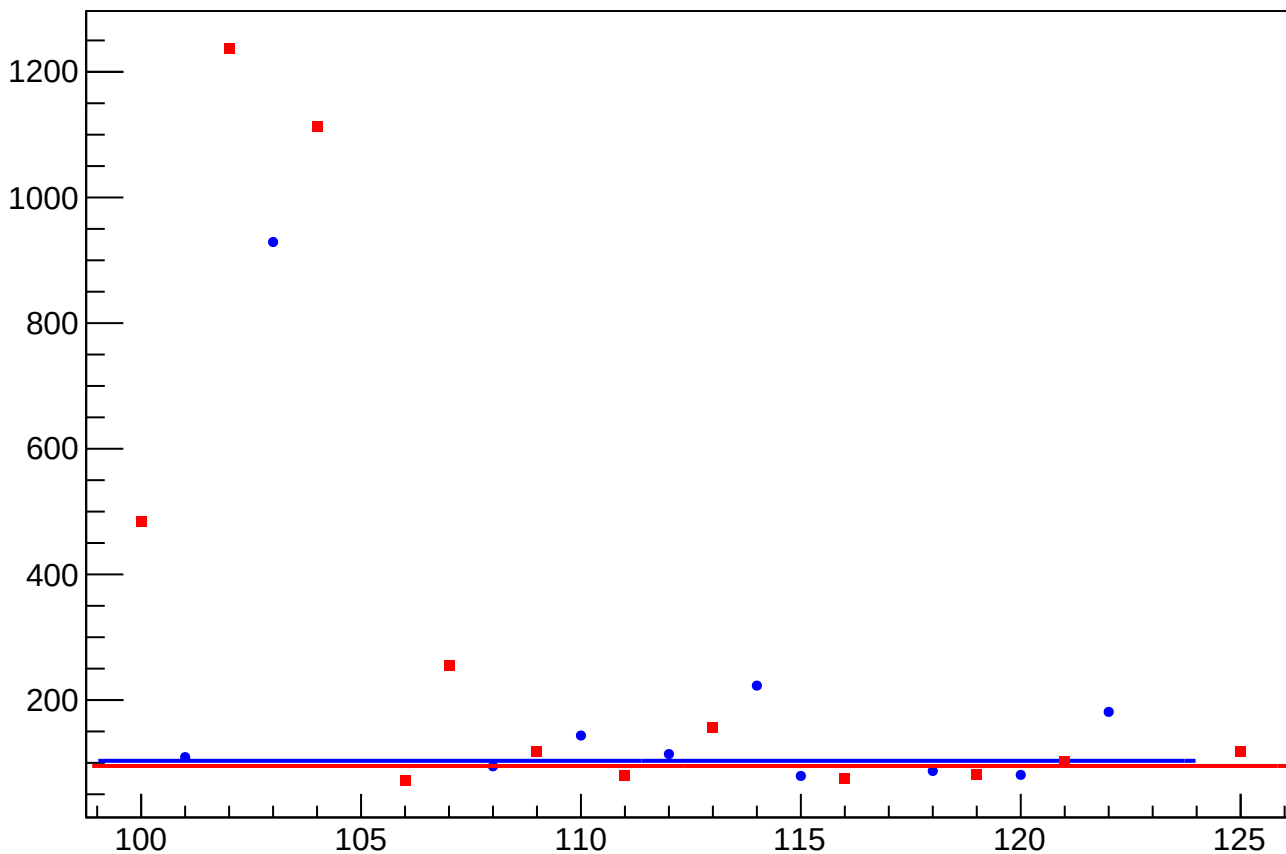
Right: -0.057+/-0.041 χ^2/NDF : 25.9/21

In: -0.022+/-0.060 χ^2/NDF :13.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.057+/-0.041 χ^2/NDF : 25.9/21

asym_us_avg_at1lr_avg_avg_dit_vs_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: 95.070 $\pm$ 0.039 χ^2 /NDF: 2150889.0/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

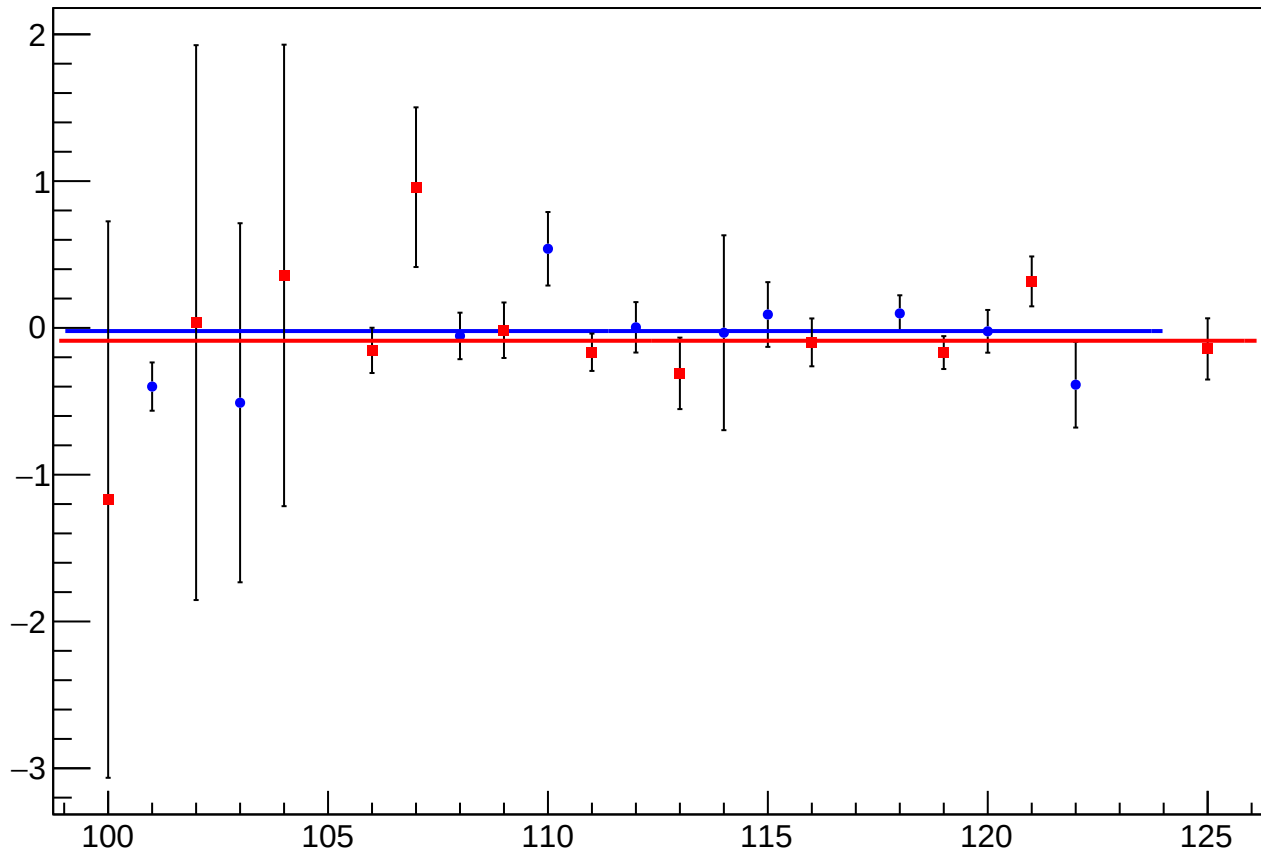
Right: 98.803 $\pm$ 0.029 χ^2 /NDF: 3463679.4/21

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: 98.803 $\pm$ 0.029 χ^2 /NDF: 3463679.4/21

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: -0.088+/-0.055 χ^2/NDF : 11.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

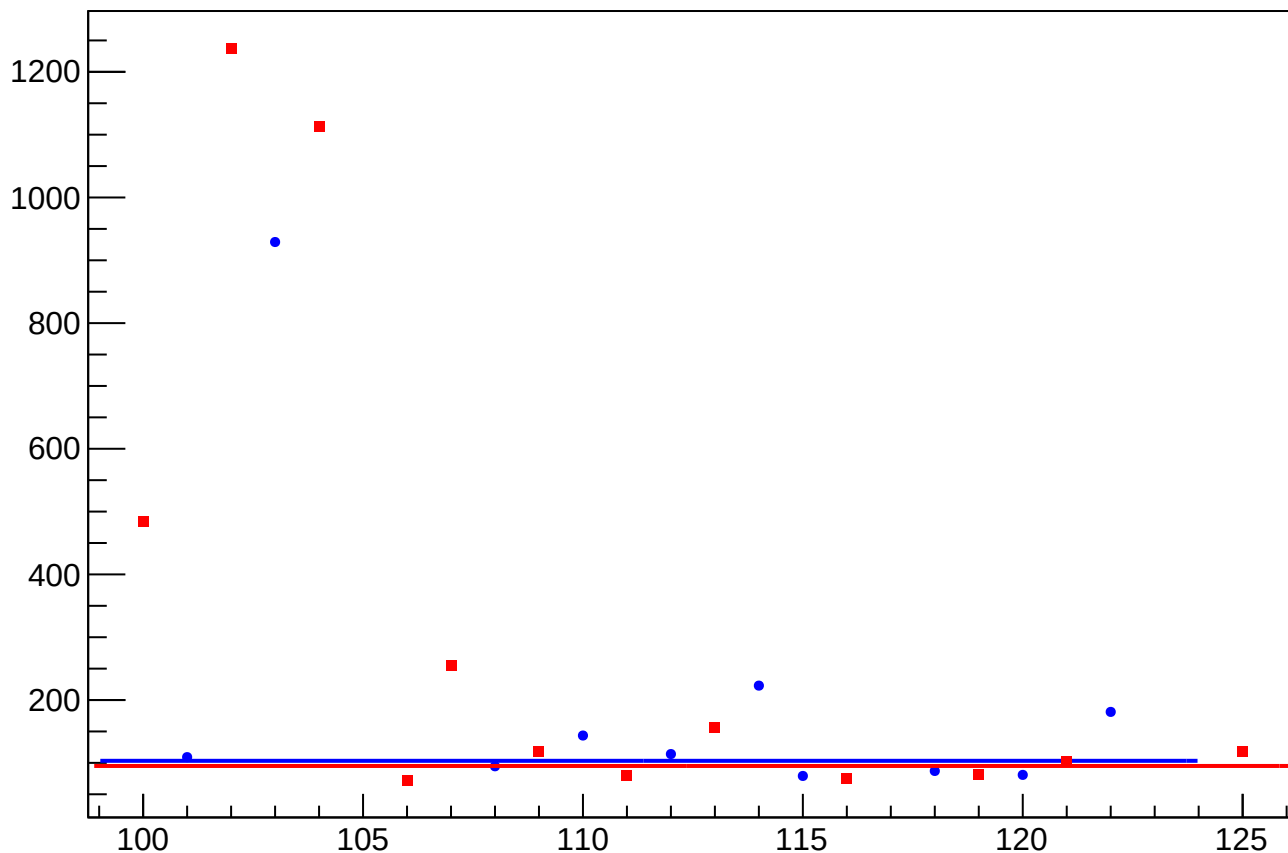
Right: -0.057+/-0.041 χ^2/NDF : 25.9/21

In: -0.022+/-0.060 χ^2/NDF :13.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.057+/-0.041 χ^2/NDF : 25.9/21

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_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: 95.070+/-0.039 χ^2/NDF : 2150889.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

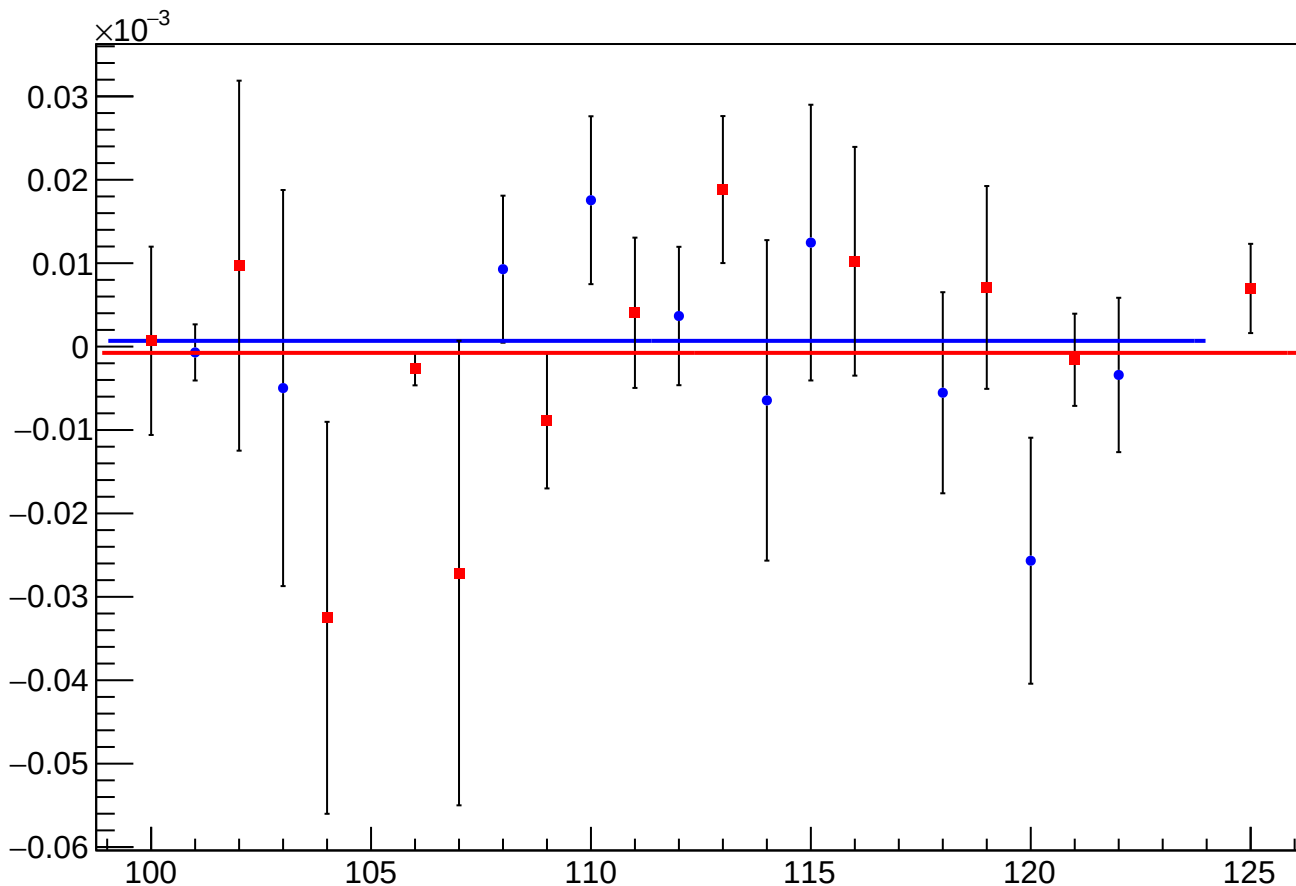
Right: 98.803+/-0.029 χ^2/NDF : 3463679.4/21

In: 103.260+/-0.043 χ^2/NDF : 1292728.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.803+/-0.029 χ^2/NDF : 3463679.4/21

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 : 13.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

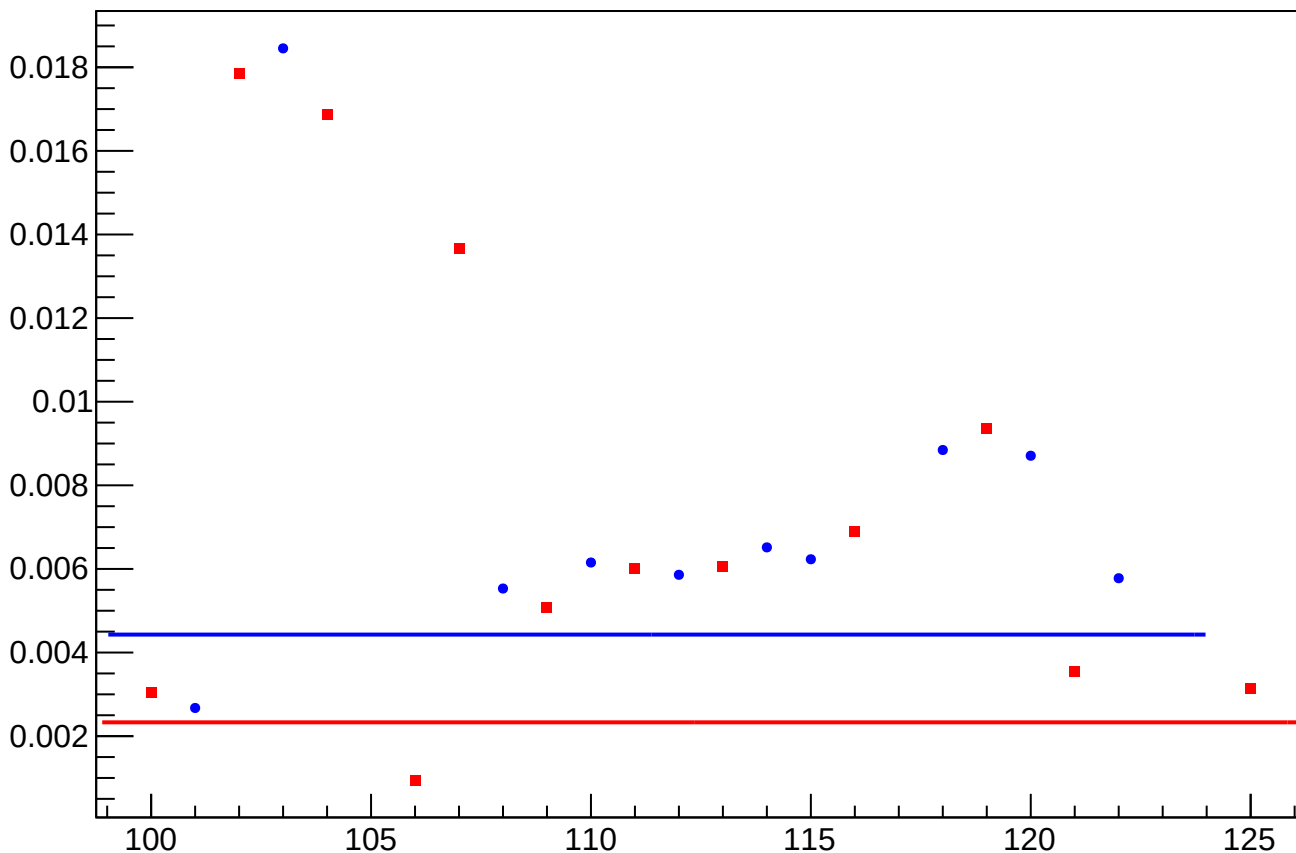
Right: -0.000+/-0.000 χ^2/NDF : 21.9/21

In: 0.000+/-0.000 χ^2/NDF : 8.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.9/21

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 : 5034304.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

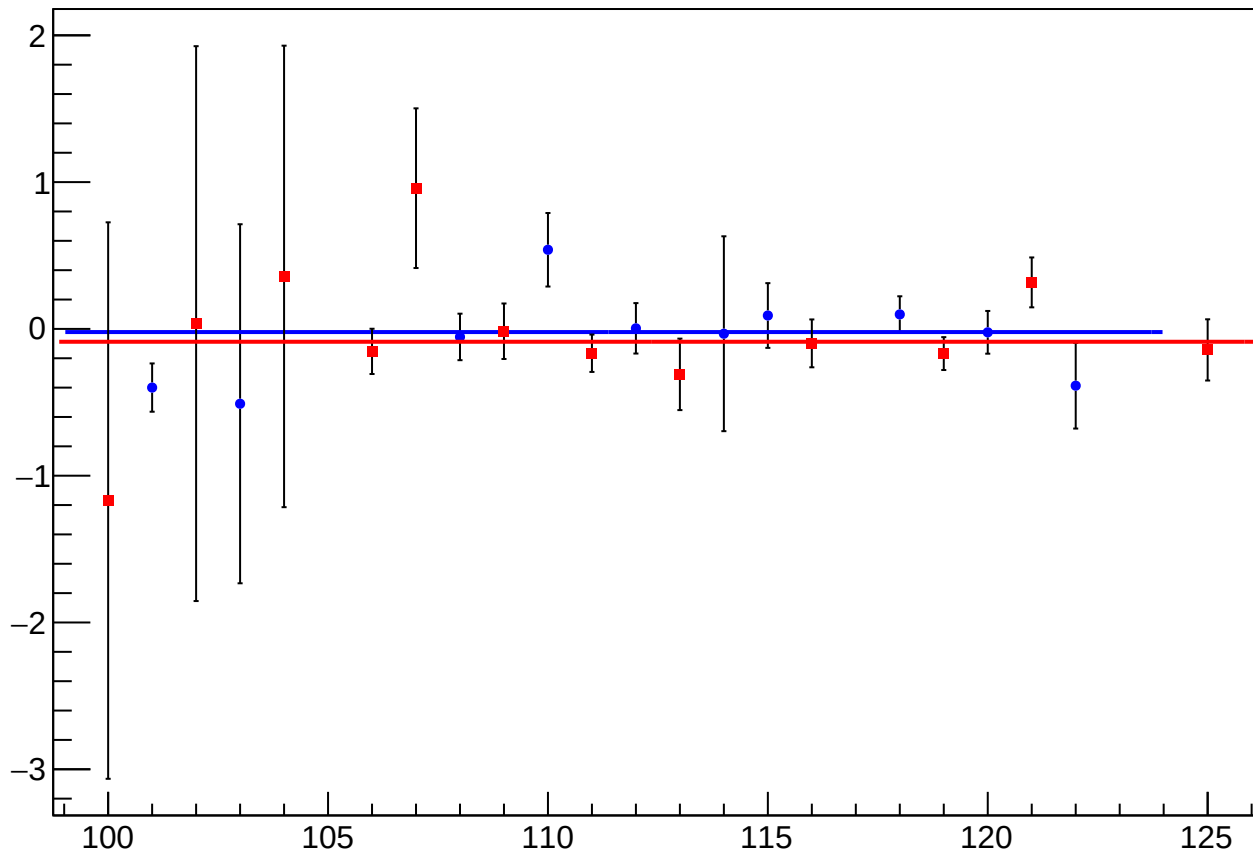
Right: 0.003+/-0.000 χ^2/NDF : 7934624.9/21

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 : 7934624.9/21

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: -0.088+/-0.055 χ^2/NDF : 11.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

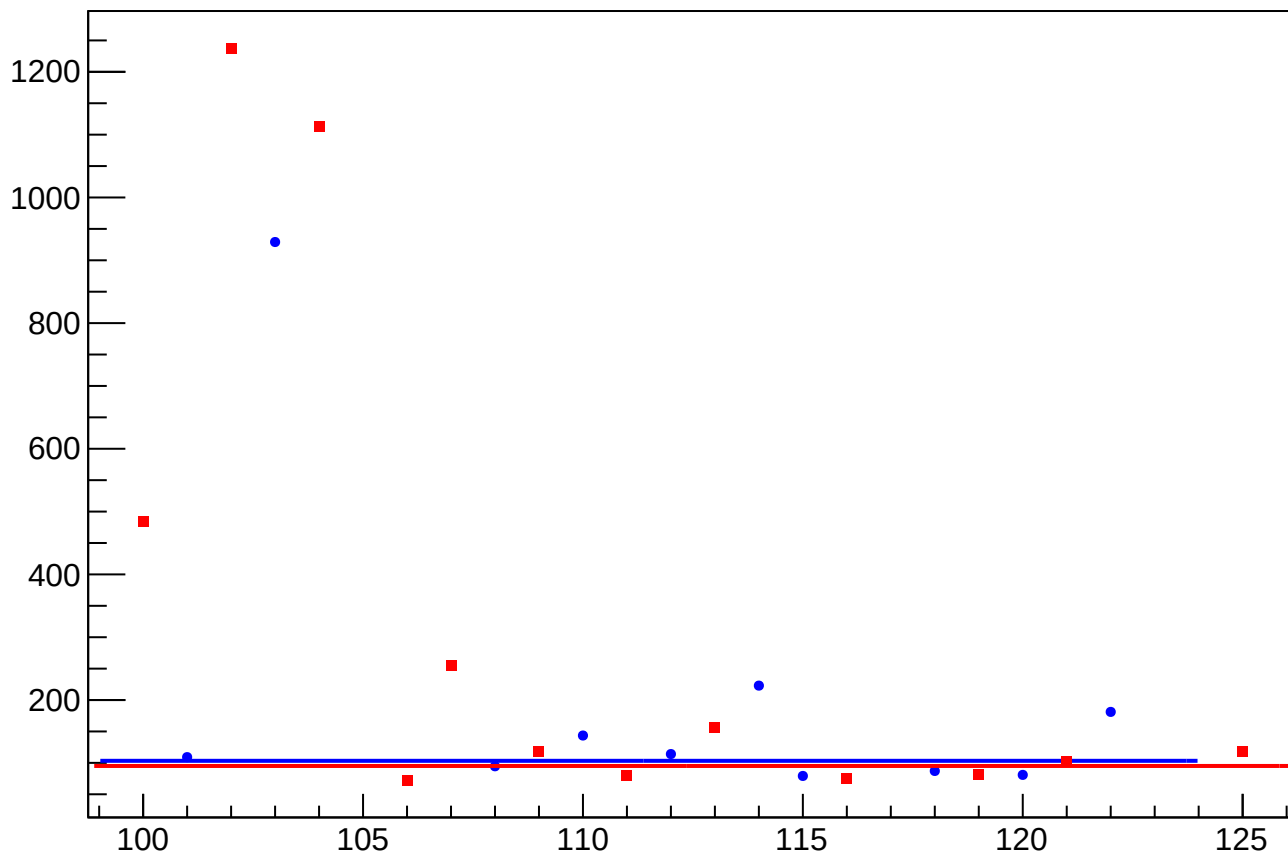
Right: -0.057+/-0.041 χ^2/NDF : 25.9/21

In: -0.022+/-0.060 χ^2/NDF :13.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.057+/-0.041 χ^2/NDF : 25.9/21

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: 95.068+/-0.039 χ^2/NDF : 2150883.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

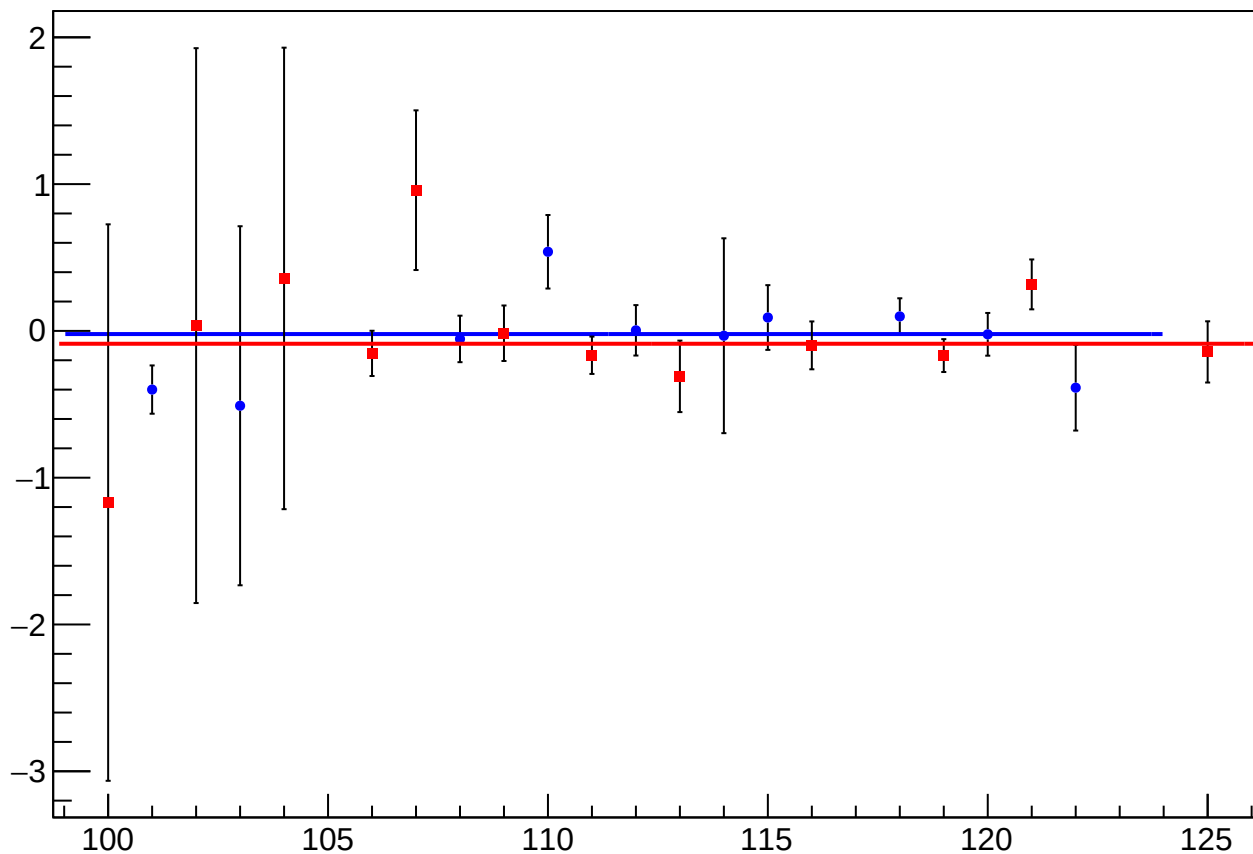
Right: 98.802+/-0.029 χ^2/NDF : 3463688.0/21

In: 103.259+/-0.043 χ^2/NDF : 1292739.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.802+/-0.029 χ^2/NDF : 3463688.0/21

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: -0.088+/-0.055 χ^2/NDF : 11.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

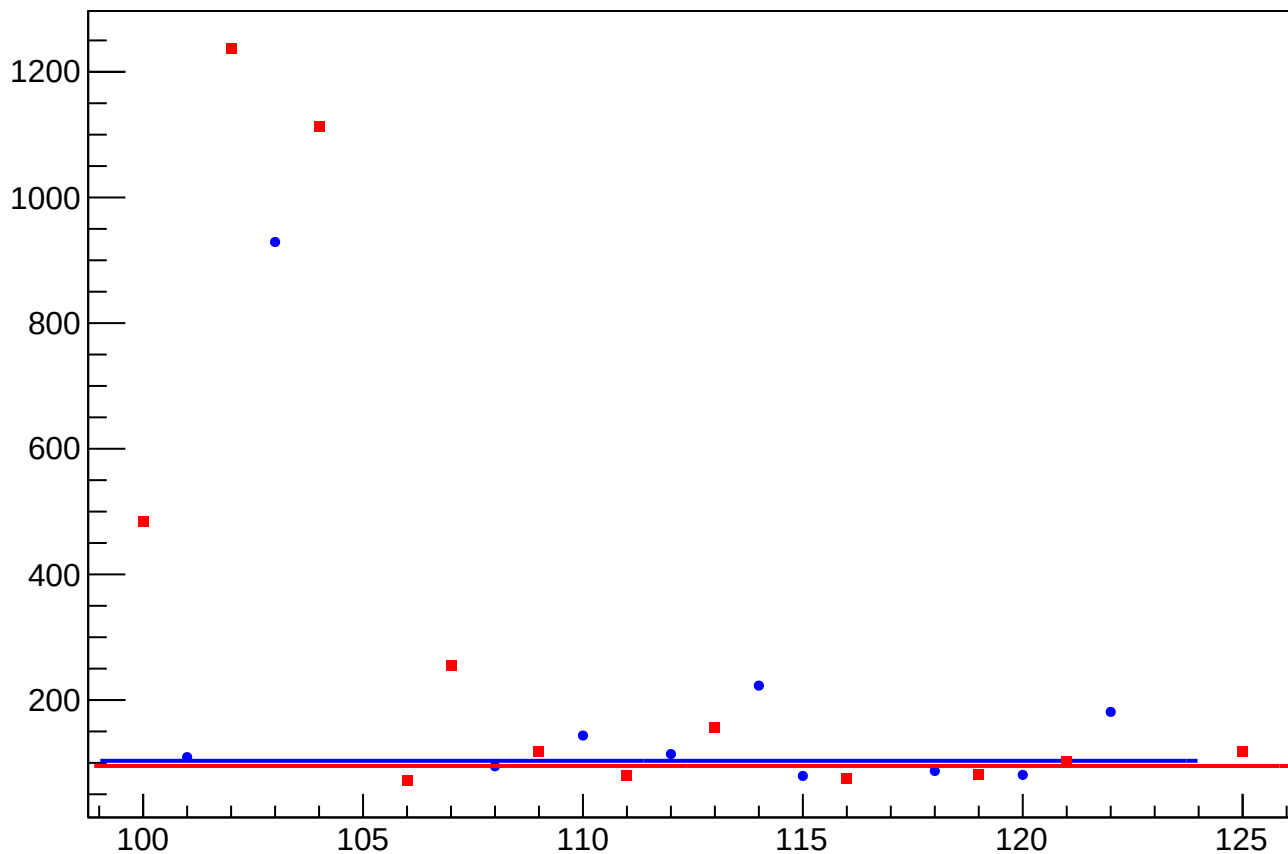
Right: -0.057+/-0.041 χ^2/NDF : 25.9/21

In: -0.022+/-0.060 χ^2/NDF :13.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.057+/-0.041 χ^2/NDF : 25.9/21

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: 95.068+/-0.039 χ^2/NDF : 2150883.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

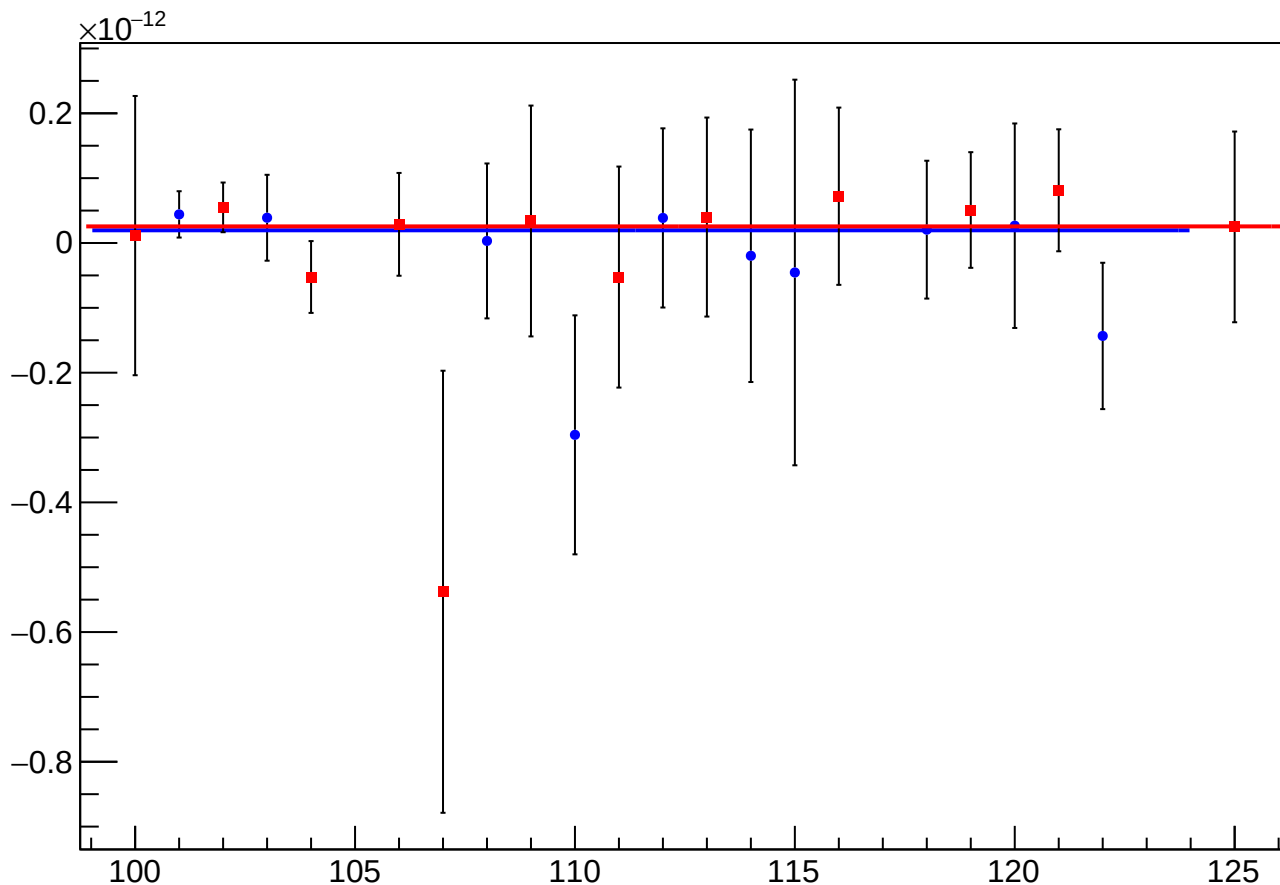
Right: 98.802+/-0.029 χ^2/NDF : 3463688.0/21

In: 103.259+/-0.043 χ^2/NDF : 1292739.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.802+/-0.029 χ^2/NDF : 3463688.0/21

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 : 6.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

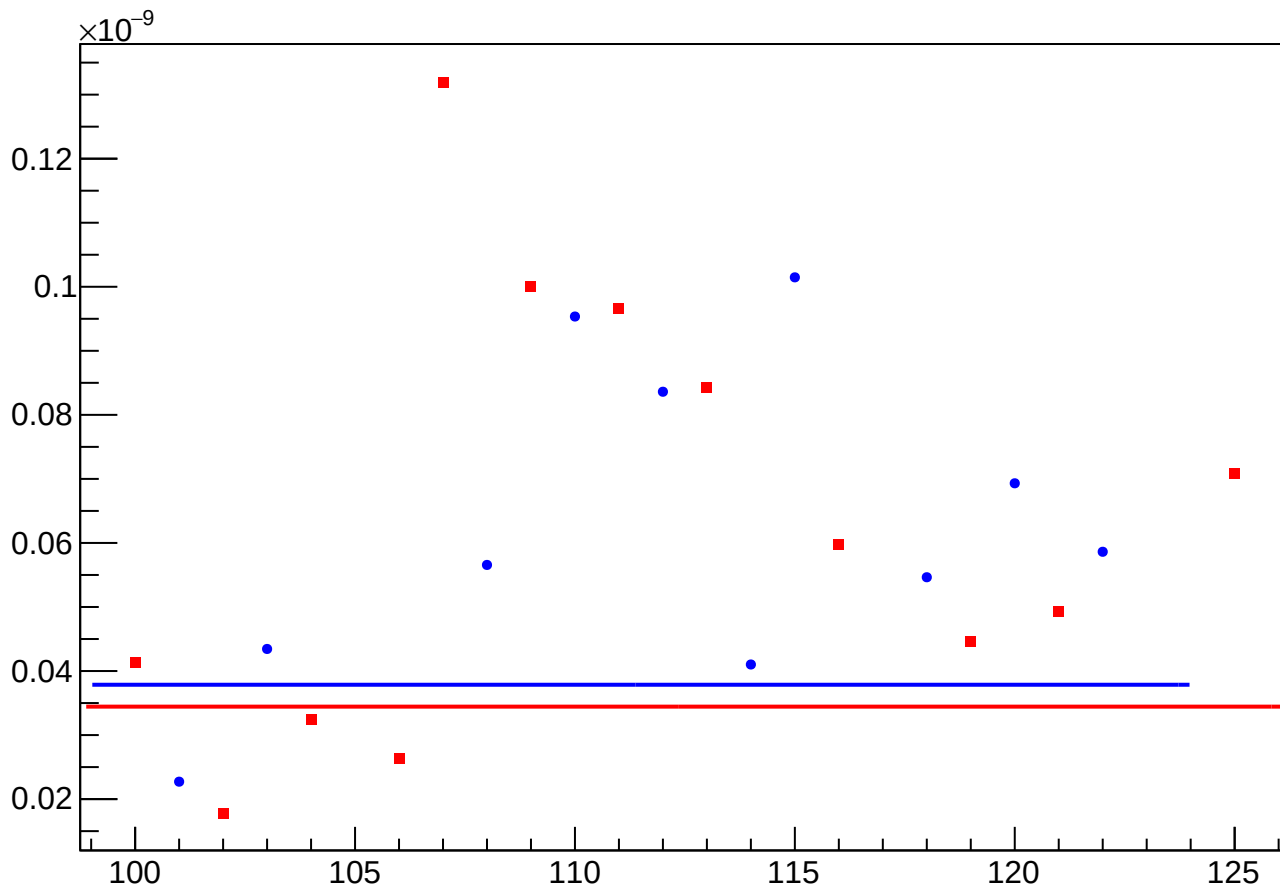
Right: 0.000+/-0.000 χ^2/NDF : 11.8/21

In: 0.000+/-0.000 χ^2/NDF : 5.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.8/21

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 : 1584715.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

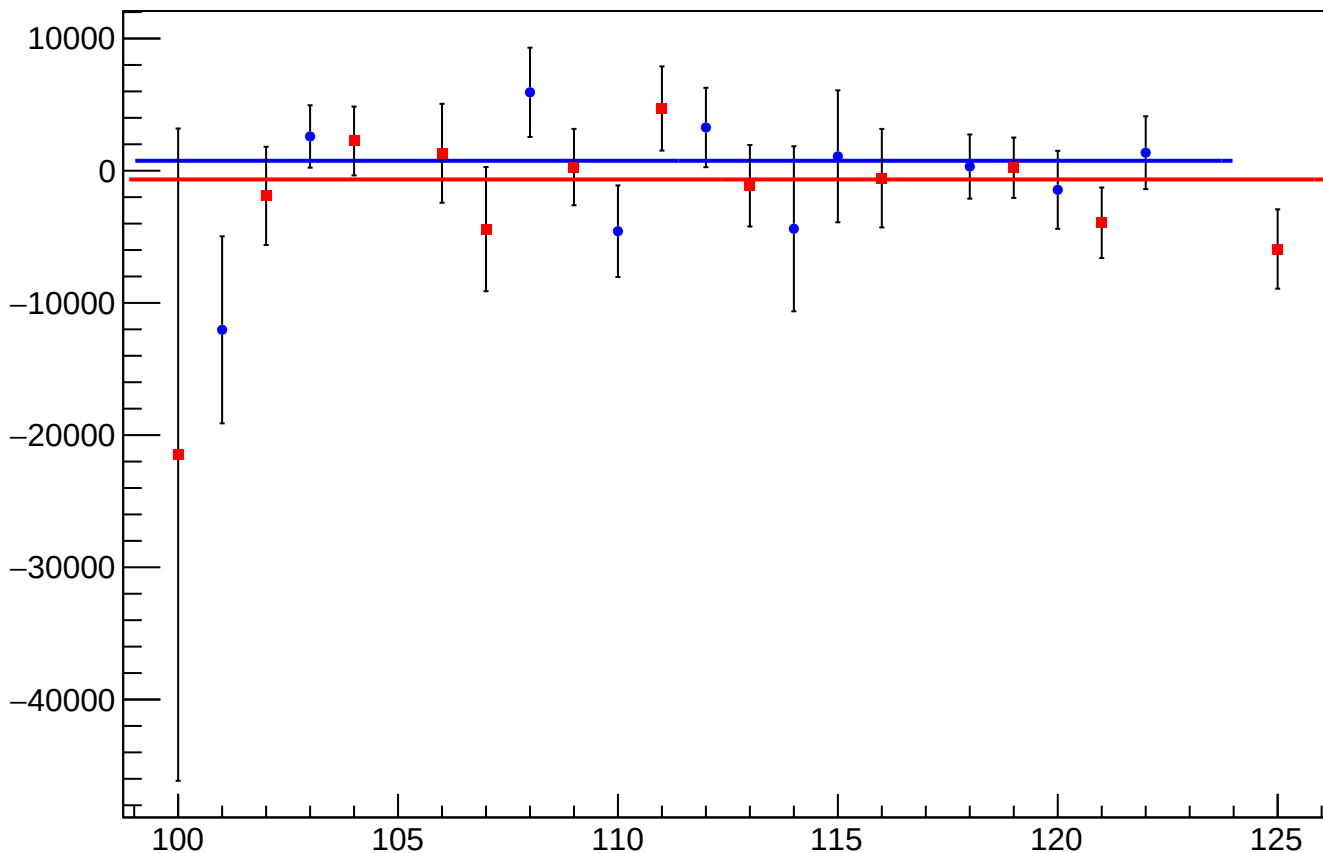
Right: 0.000+/-0.000 χ^2/NDF : 2727956.3/21

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 : 2727956.3/21

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: -661.936+/-921.620 χ^2/NDF : 10.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

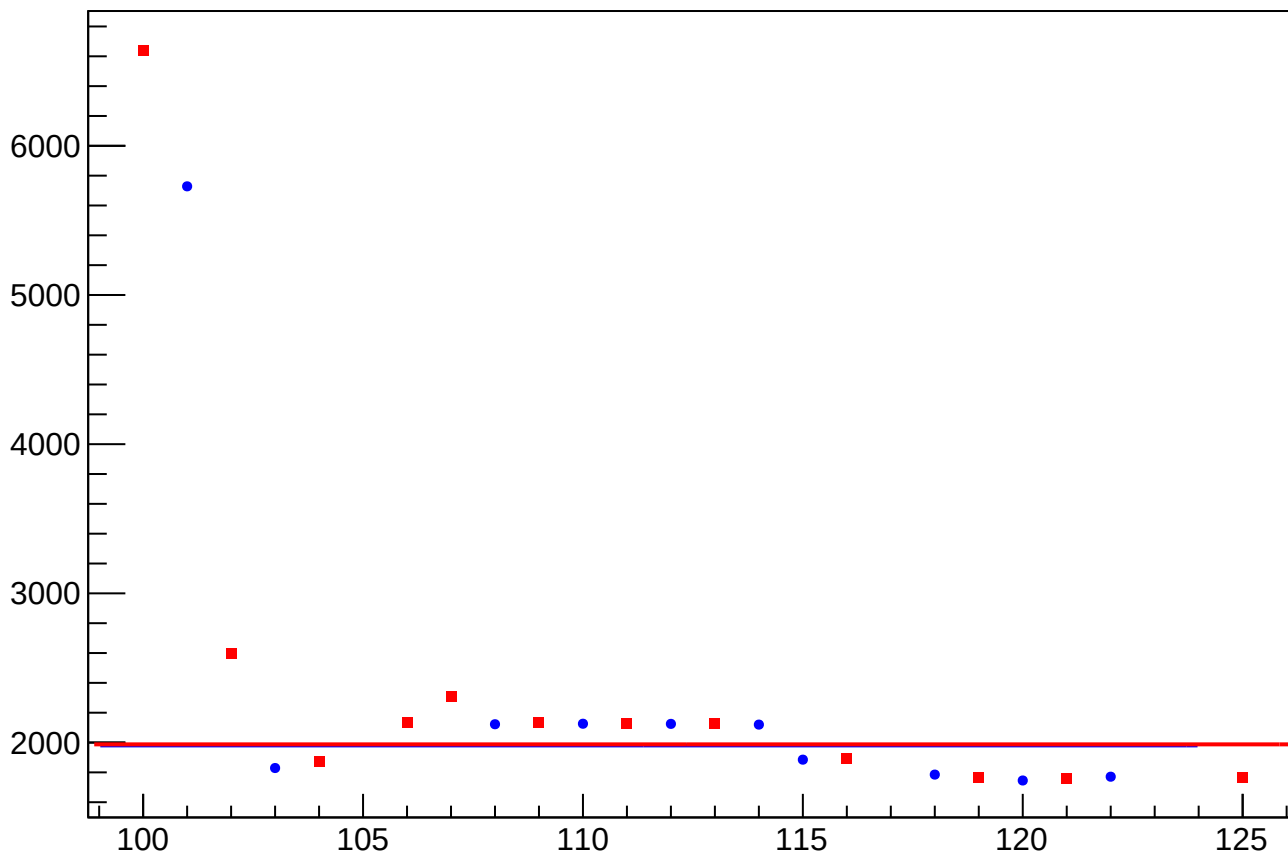
Right: -25.646+/-683.436 χ^2/NDF : 22.4/21

In: 751.758+/-1018.704 χ^2/NDF :10.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -25.646+/-683.436 χ^2/NDF : 22.4/21

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: 1987.773+/-0.652 χ^2/NDF : 200190.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

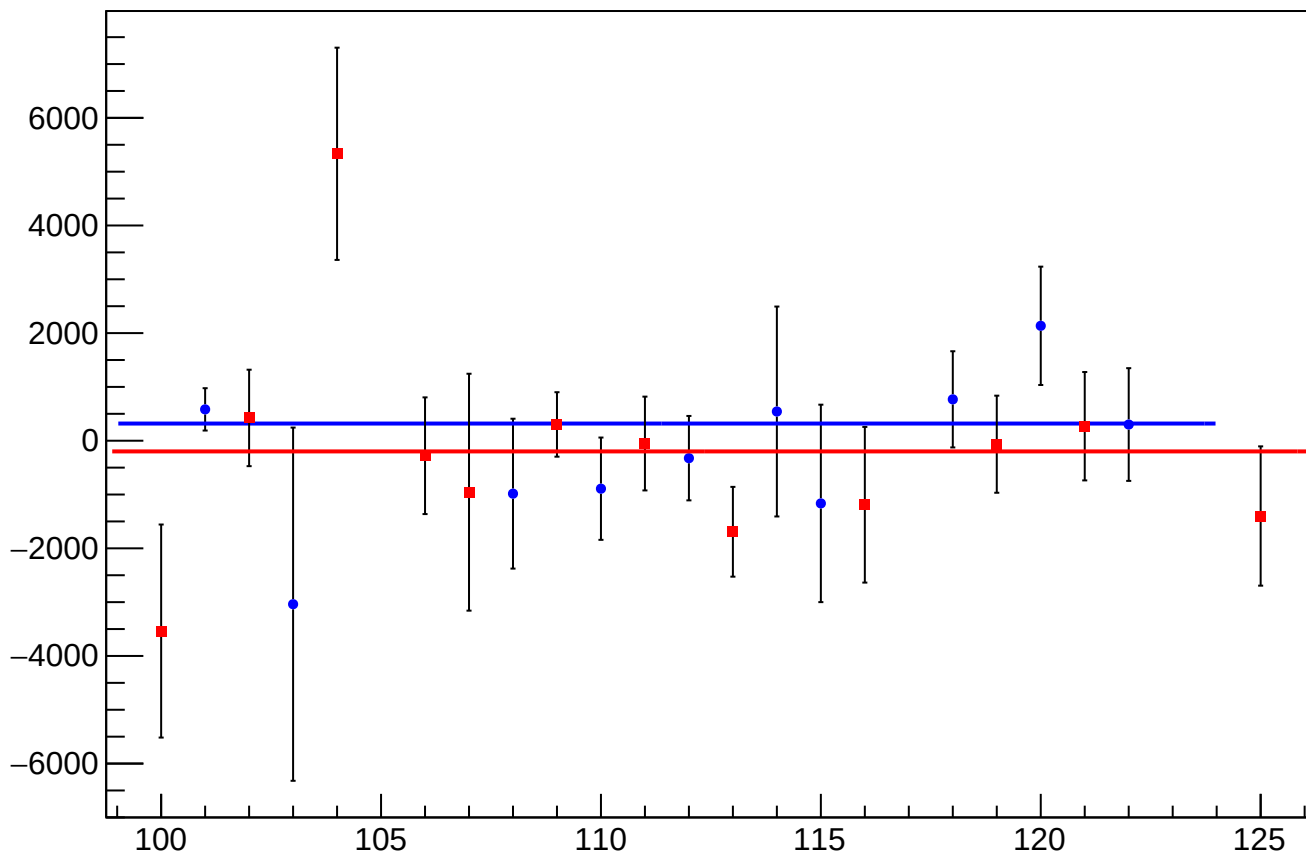
Right: 1984.673+/-0.483 χ^2/NDF : 820478.9/21

In: 1980.885+/-0.720 χ^2/NDF : 620238.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1984.673+/-0.483 χ^2/NDF : 820478.9/21

asym_us_avg_at1lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 319.139+/-273.695 χ^2/NDF : 8.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -198.756+/-293.085 χ^2/NDF : 16.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

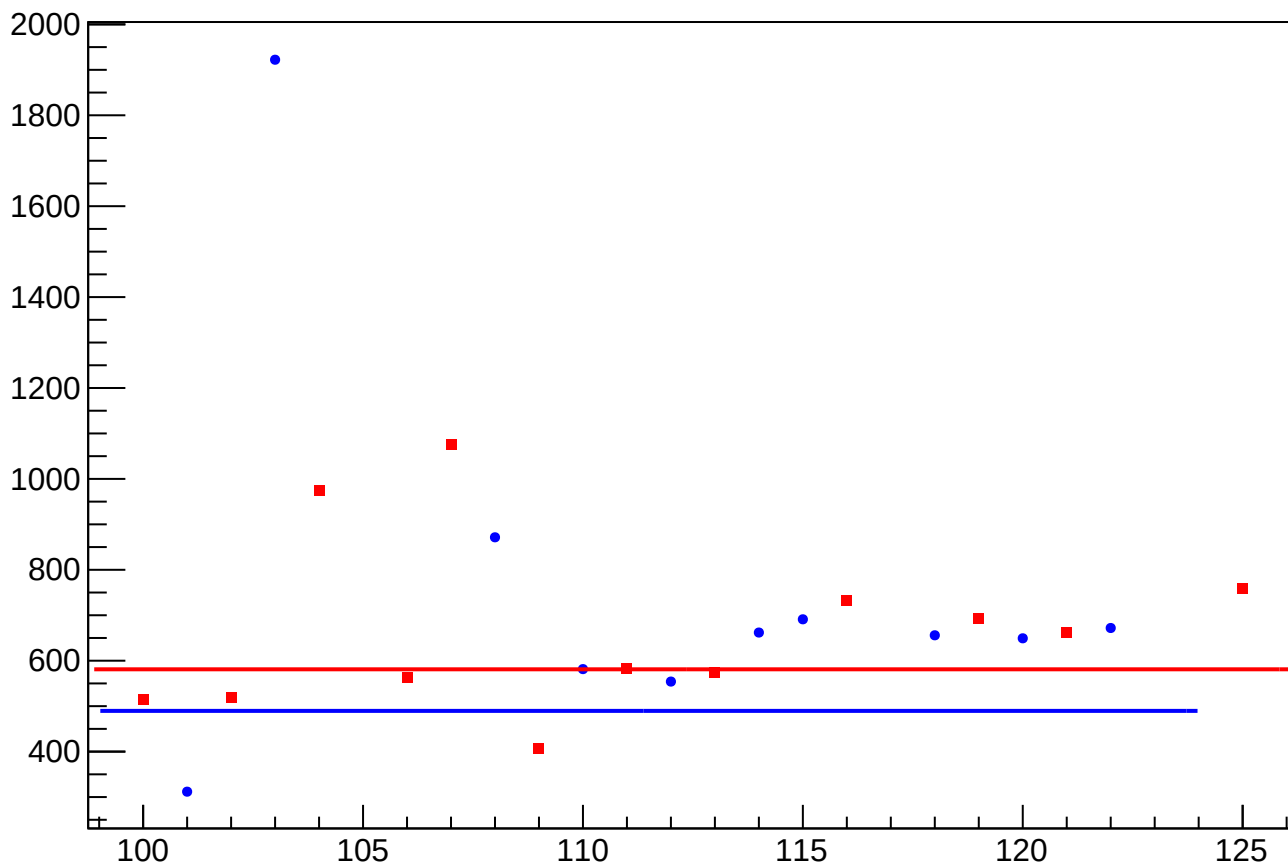
Right: 77.888+/-200.036 χ^2/NDF : 26.8/21

In: 319.139+/-273.695 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.888+/-200.036 χ^2/NDF : 26.8/21

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: 581.073+/-0.207 χ^2/NDF : 465278.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

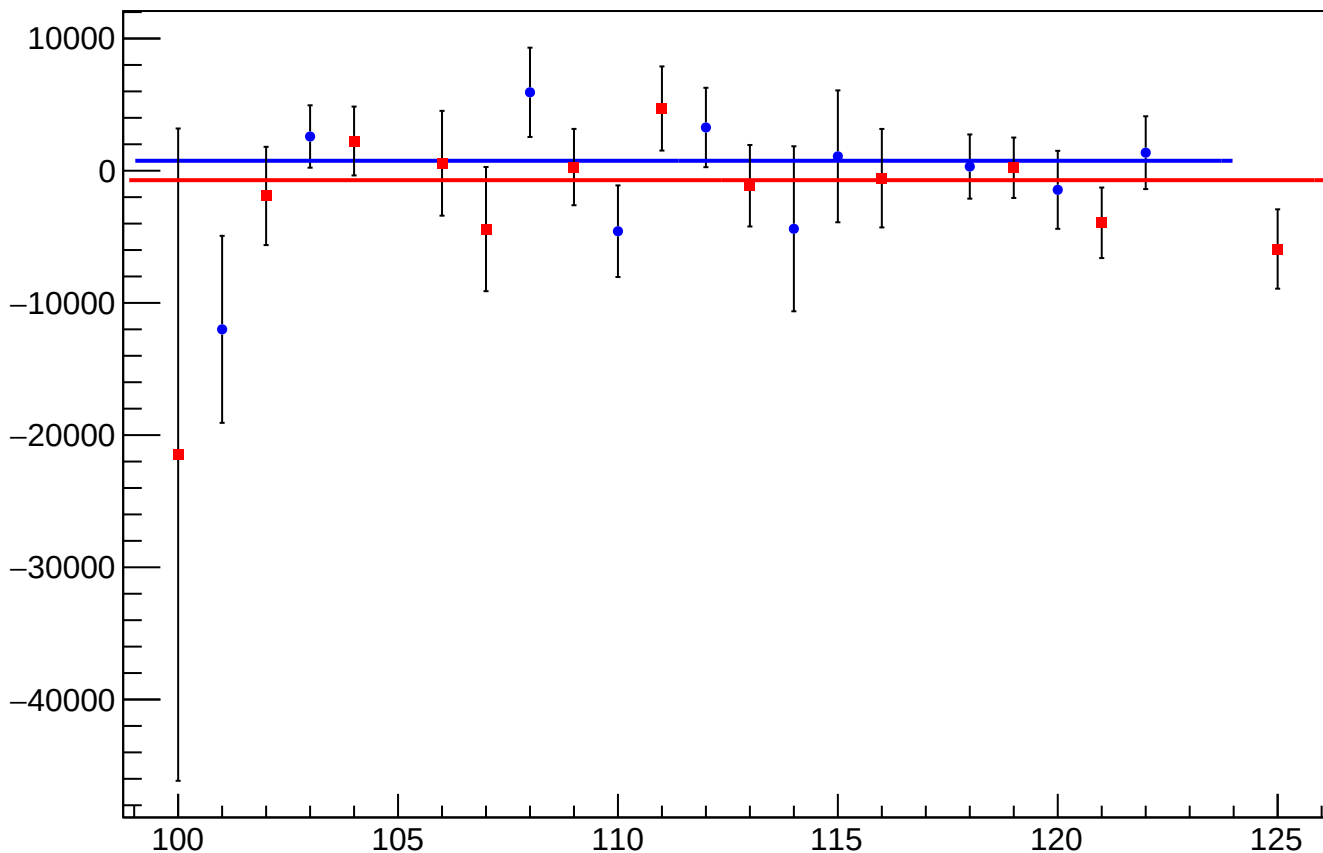
Right: 532.209+/-0.141 χ^2/NDF : 1752972.9/21

In: 489.596+/-0.194 χ^2/NDF :1183617.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 532.209+/-0.141 χ^2/NDF : 1752972.9/21

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: -716.456+/-924.679 χ^2/NDF : 10.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

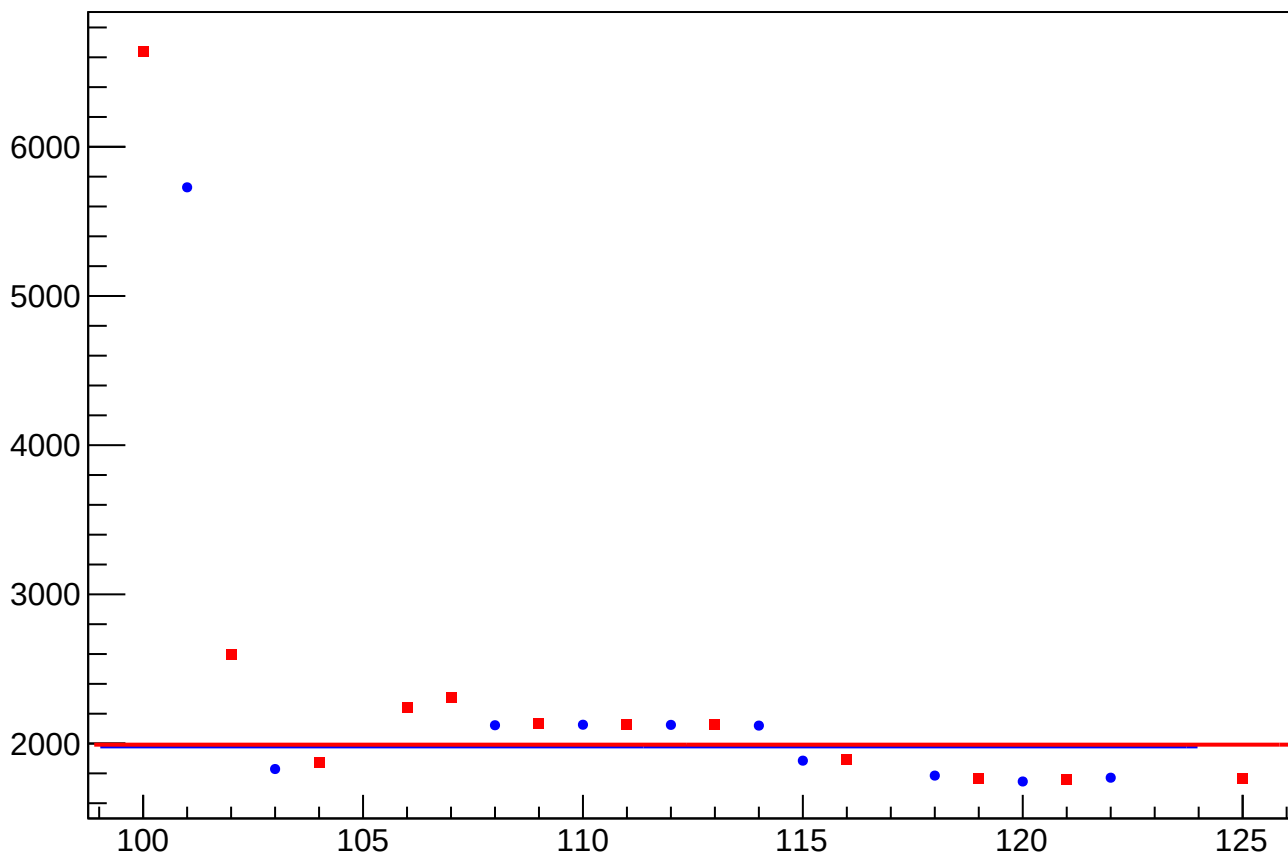
Right: -53.091+/-684.681 χ^2/NDF : 22.2/21

In: 752.040+/-1018.704 χ^2/NDF :10.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -53.091+/-684.681 χ^2/NDF : 22.2/21

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: 1992.502+/-0.654 χ^2/NDF : 205176.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

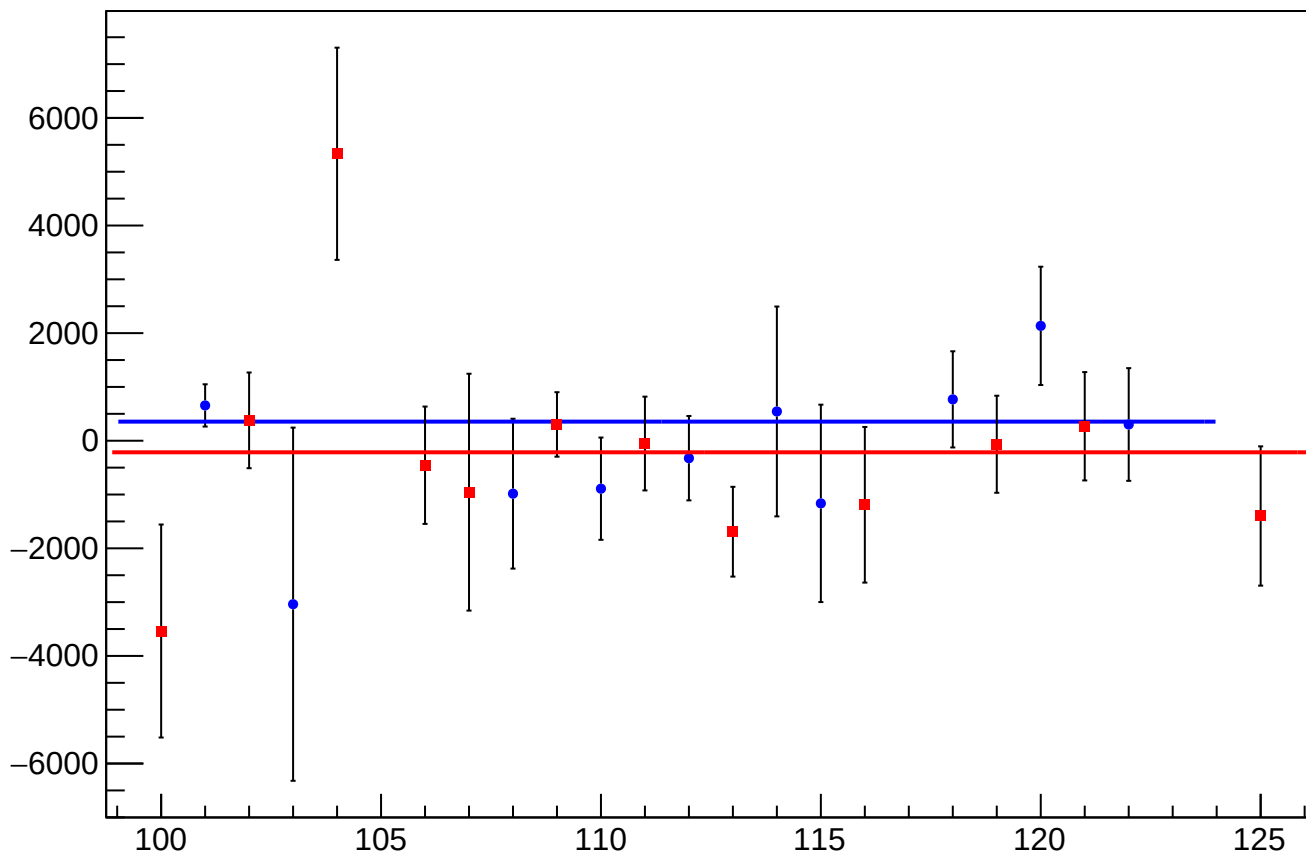
Right: 1987.254+/-0.484 χ^2/NDF : 825557.5/21

In: 1980.885+/-0.720 χ^2/NDF : 620238.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1987.254+/-0.484 χ^2/NDF : 825557.5/21

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: -215.099+/-292.978 χ^2/NDF : 16.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

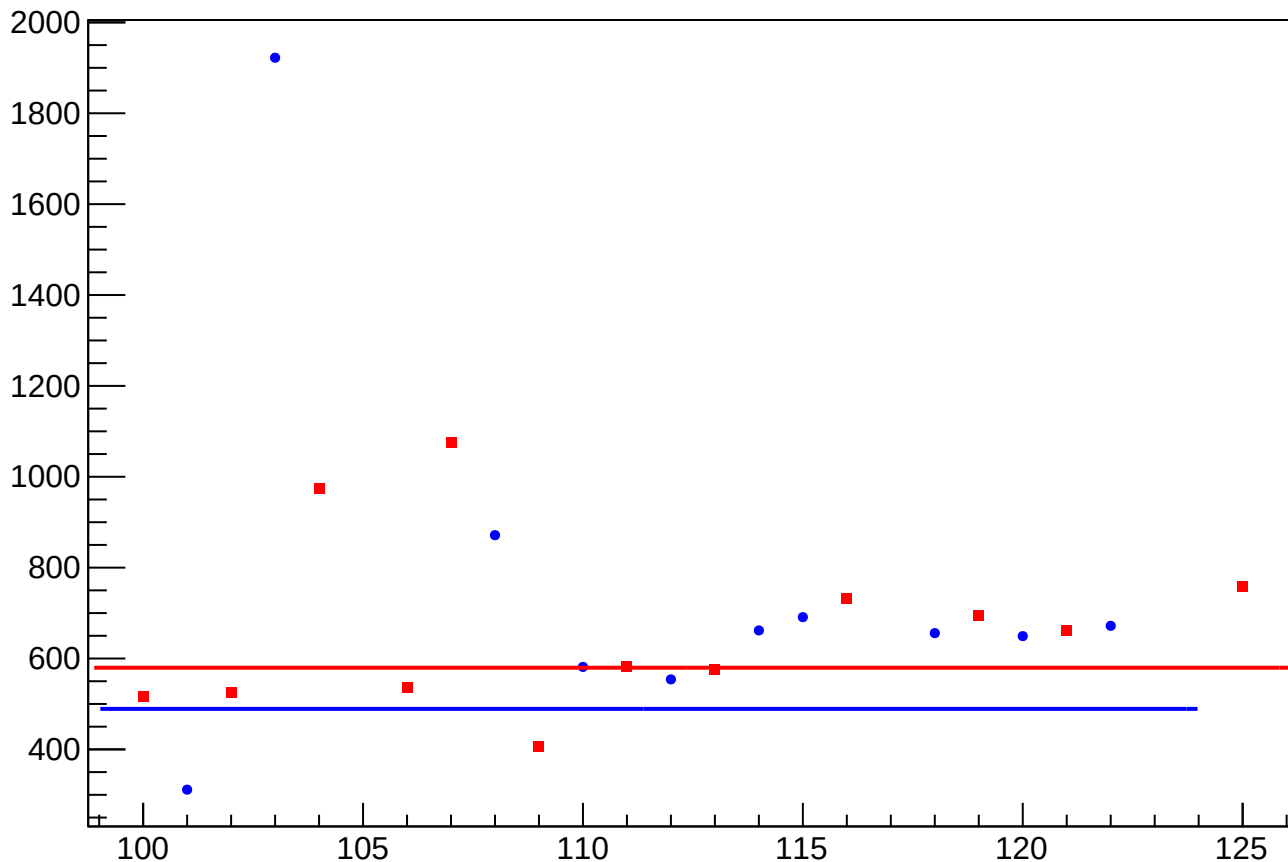
Right: 89.530+/-199.943 χ^2/NDF : 27.4/21

In: 355.089+/-273.546 χ^2/NDF :8.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 89.530+/-199.943 χ^2/NDF : 27.4/21

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: 579.773+/-0.207 χ^2/NDF : 466086.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

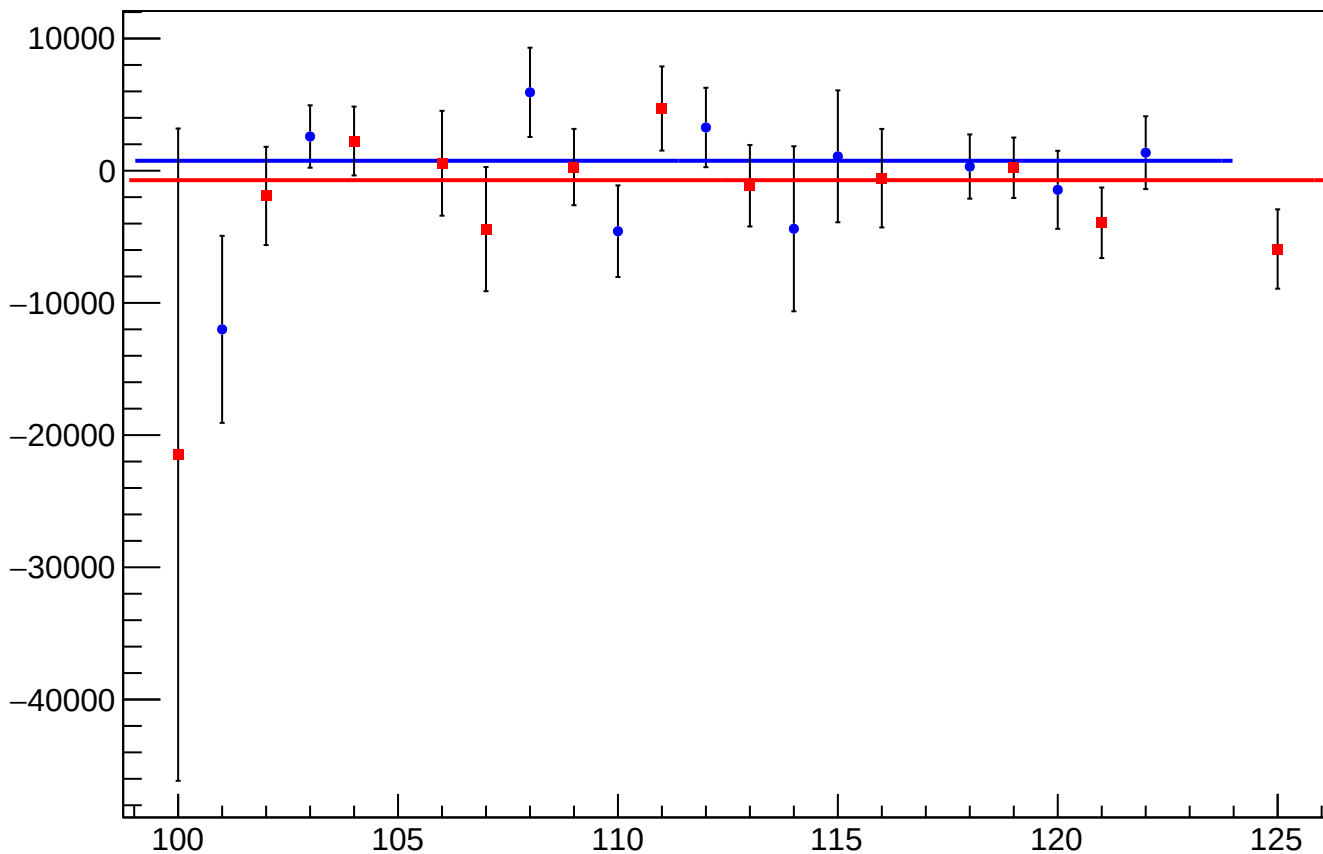
Right: 531.362+/-0.141 χ^2/NDF : 1755027.4/21

In: 489.159+/-0.193 χ^2/NDF : 1186729.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 531.362+/-0.141 χ^2/NDF : 1755027.4/21

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: -716.456+/-924.679 χ^2/NDF : 10.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

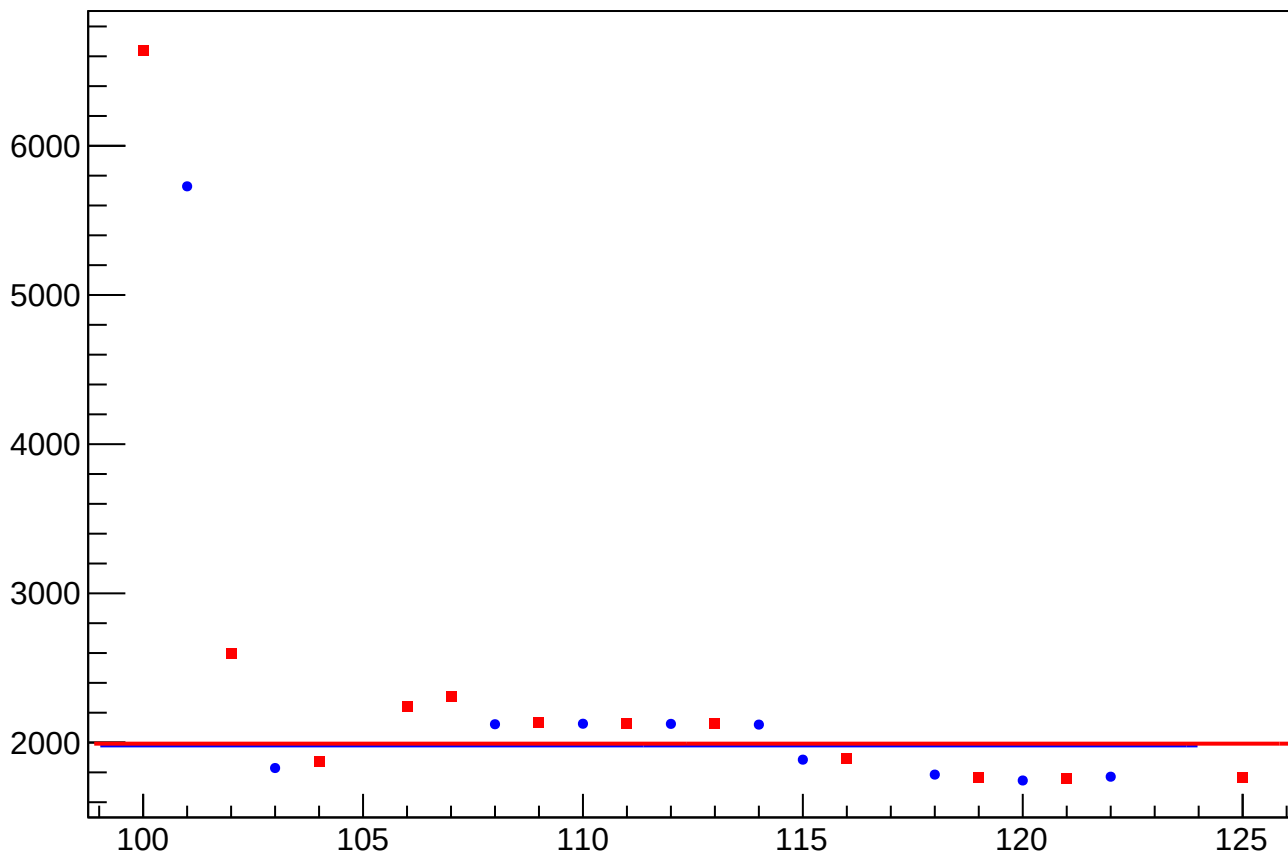
Right: -53.091+/-684.681 χ^2/NDF : 22.2/21

In: 752.040+/-1018.704 χ^2/NDF : 10.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -53.091+/-684.681 χ^2/NDF : 22.2/21

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: 1992.502+/-0.654 χ^2/NDF : 205176.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

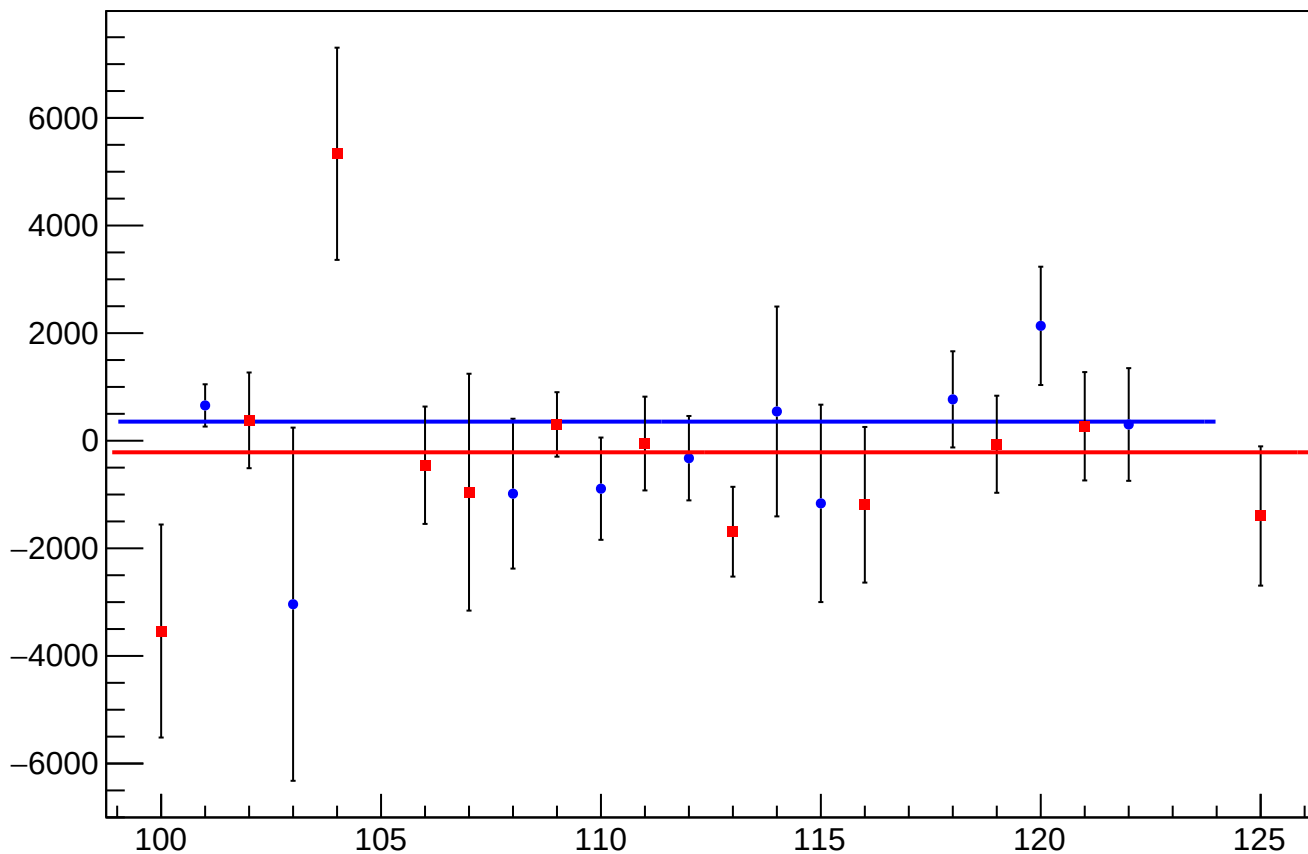
Right: 1987.254+/-0.484 χ^2/NDF : 825557.5/21

In: 1980.885+/-0.720 χ^2/NDF : 620238.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1987.254+/-0.484 χ^2/NDF : 825557.5/21

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: -215.099 +/- 292.978 χ^2/NDF : 16.8/11

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

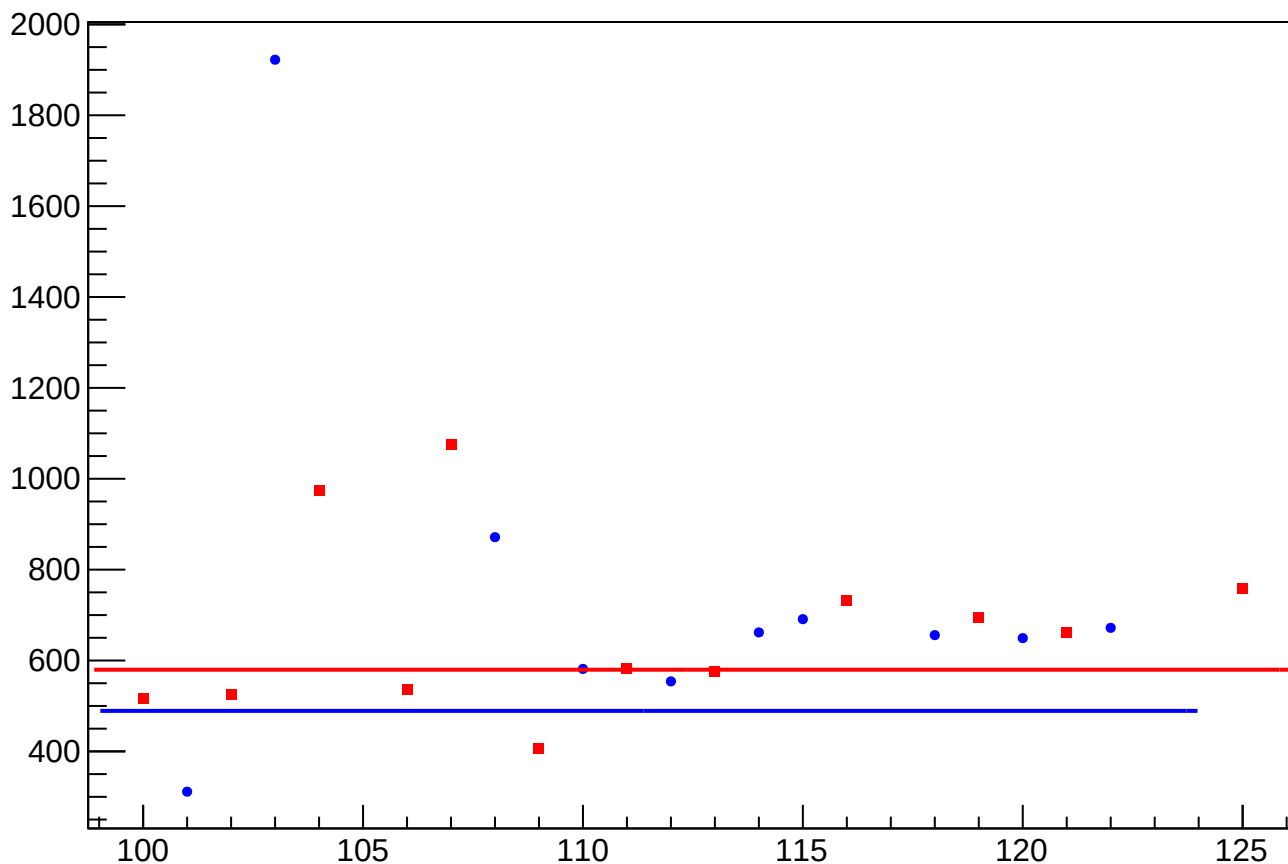
Right: 89.530 +/- 199.943 χ^2/NDF : 27.4/21

In: 355.089 +/- 273.546 χ^2/NDF : 8.6/9

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 89.530 +/- 199.943 χ^2/NDF : 27.4/21

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: 579.773+/-0.207 χ^2/NDF : 466086.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

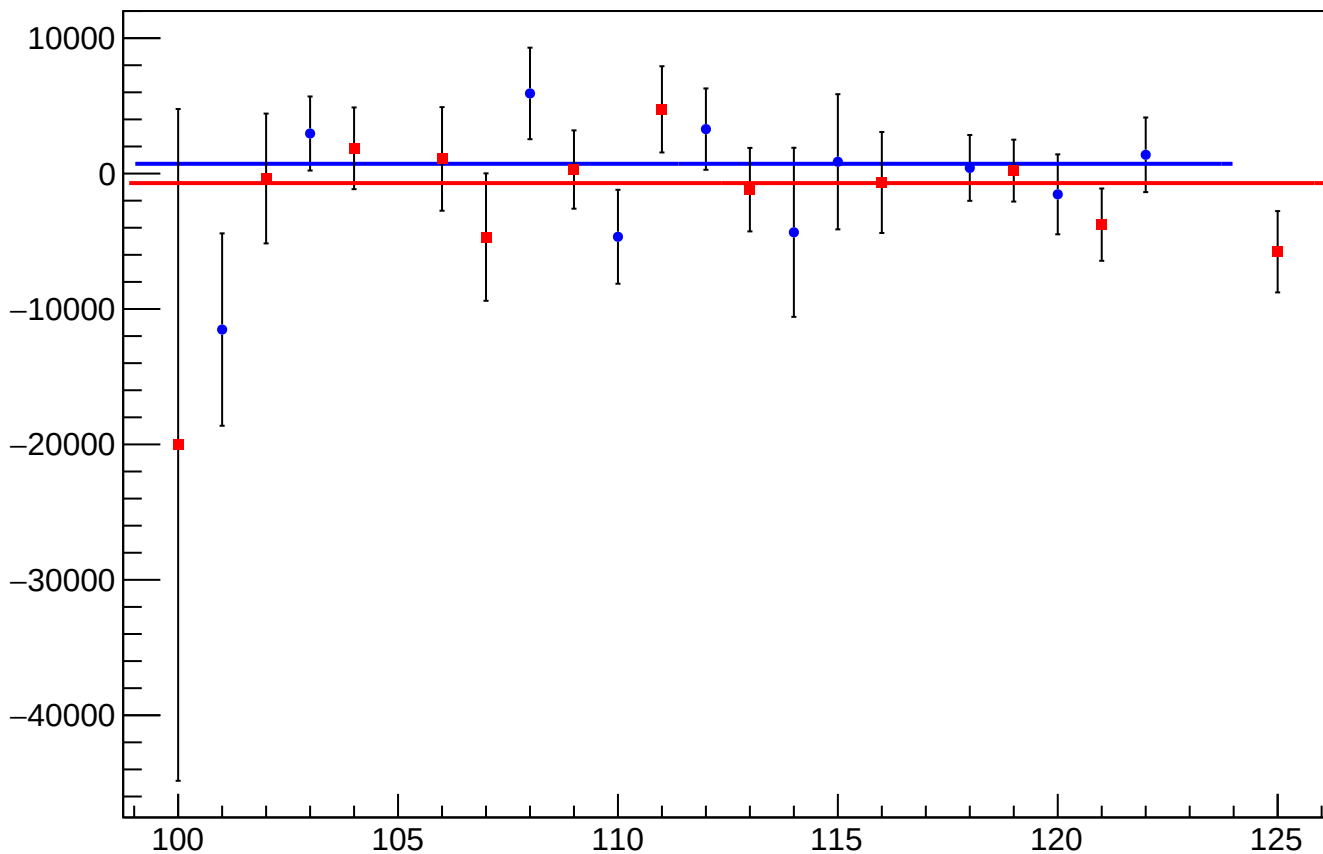
Right: 531.362+/-0.141 χ^2/NDF : 1755027.4/21

In: 489.159+/-0.193 χ^2/NDF : 1186729.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 531.362+/-0.141 χ^2/NDF : 1755027.4/21

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: -703.007+/-950.683 χ^2/NDF : 9.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

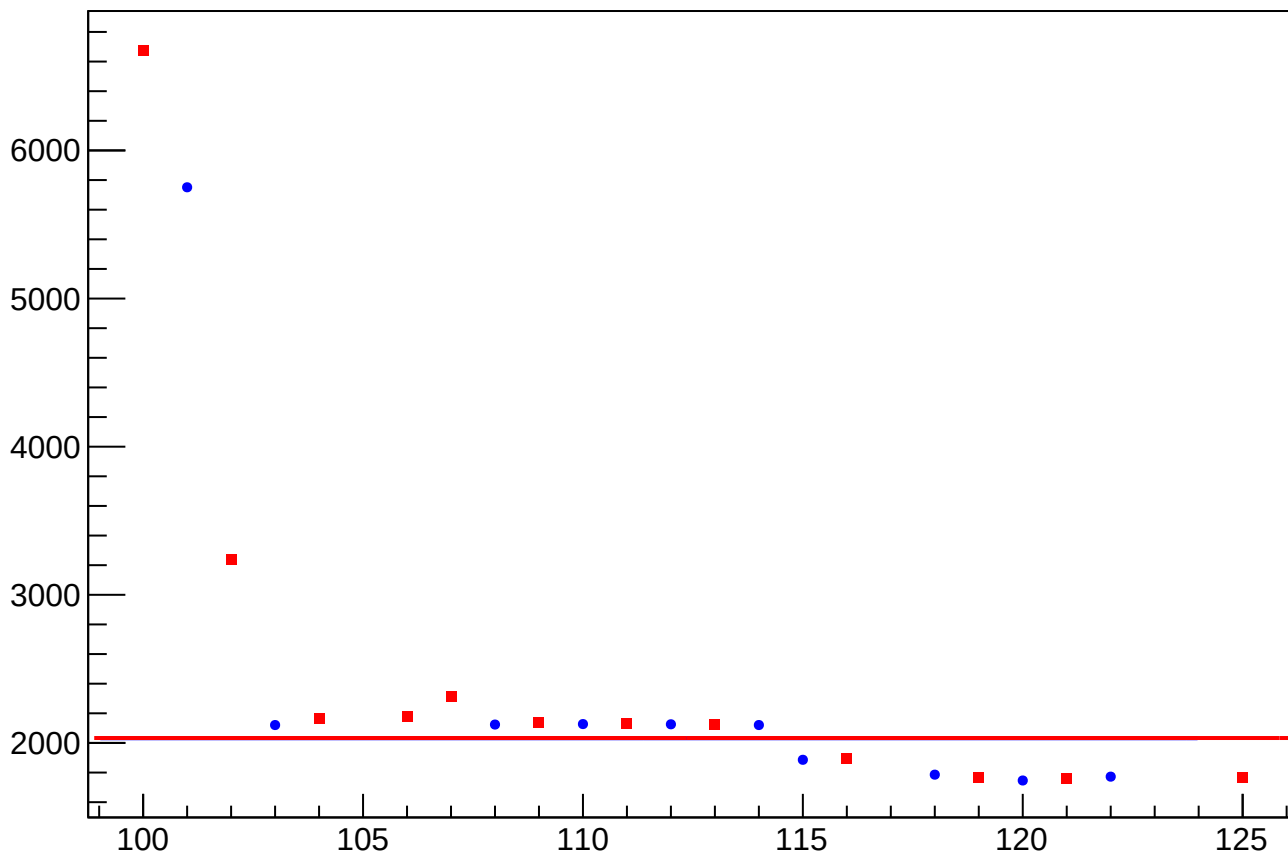
Right: -57.232+/-703.050 χ^2/NDF : 21.2/21

In: 722.201+/-1044.443 χ^2/NDF :10.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -57.232+/-703.050 χ^2/NDF : 21.2/21

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: 2033.197+/-0.672 χ^2/NDF : 283060.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

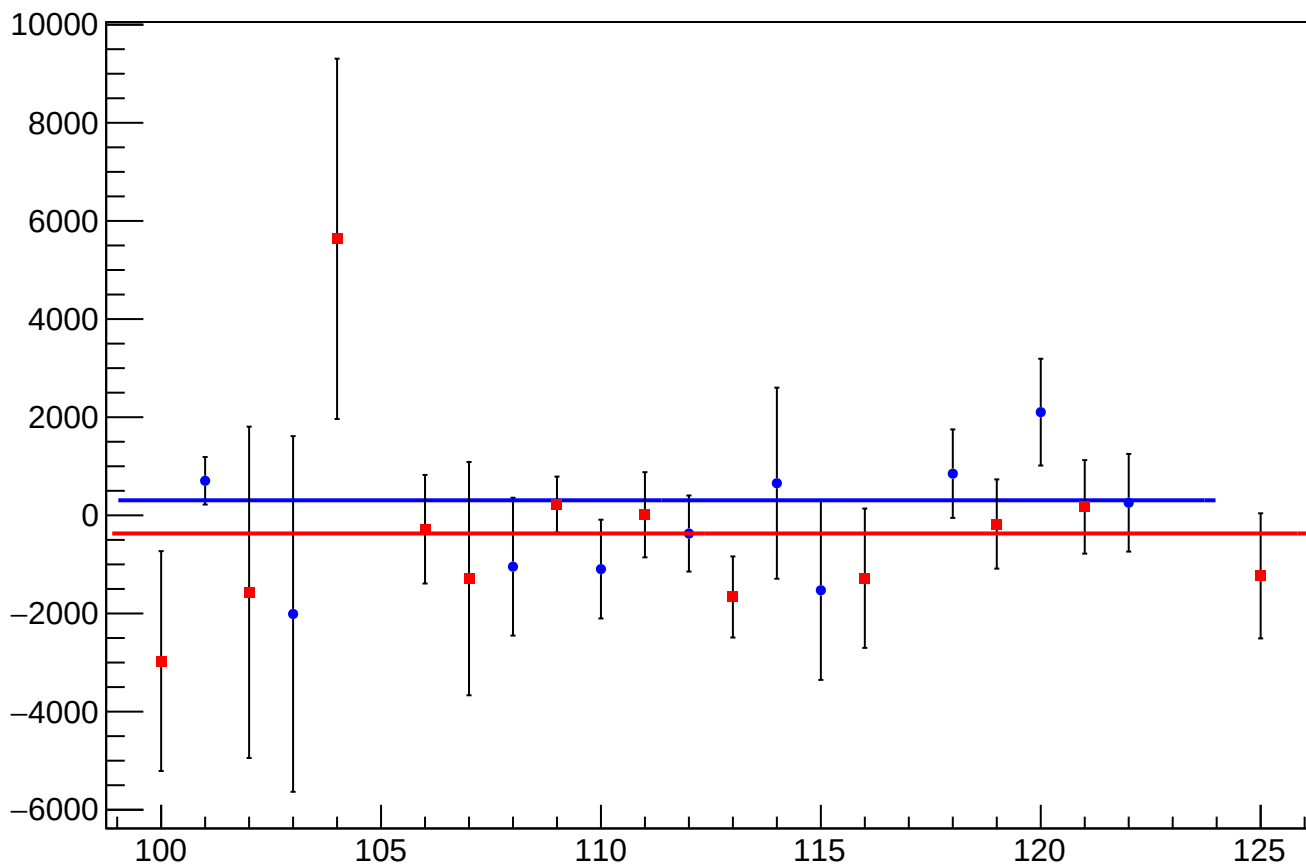
Right: 2032.527+/-0.497 χ^2/NDF : 897544.3/21

In: 2031.719+/-0.739 χ^2/NDF : 614481.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2032.527+/-0.497 χ^2/NDF : 897544.3/21

asym_us_avg_at1lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 306.645 $\pm$ 299.505 χ^2 /NDF: 8.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -369.234 $\pm$ 306.480 χ^2 /NDF: 9.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

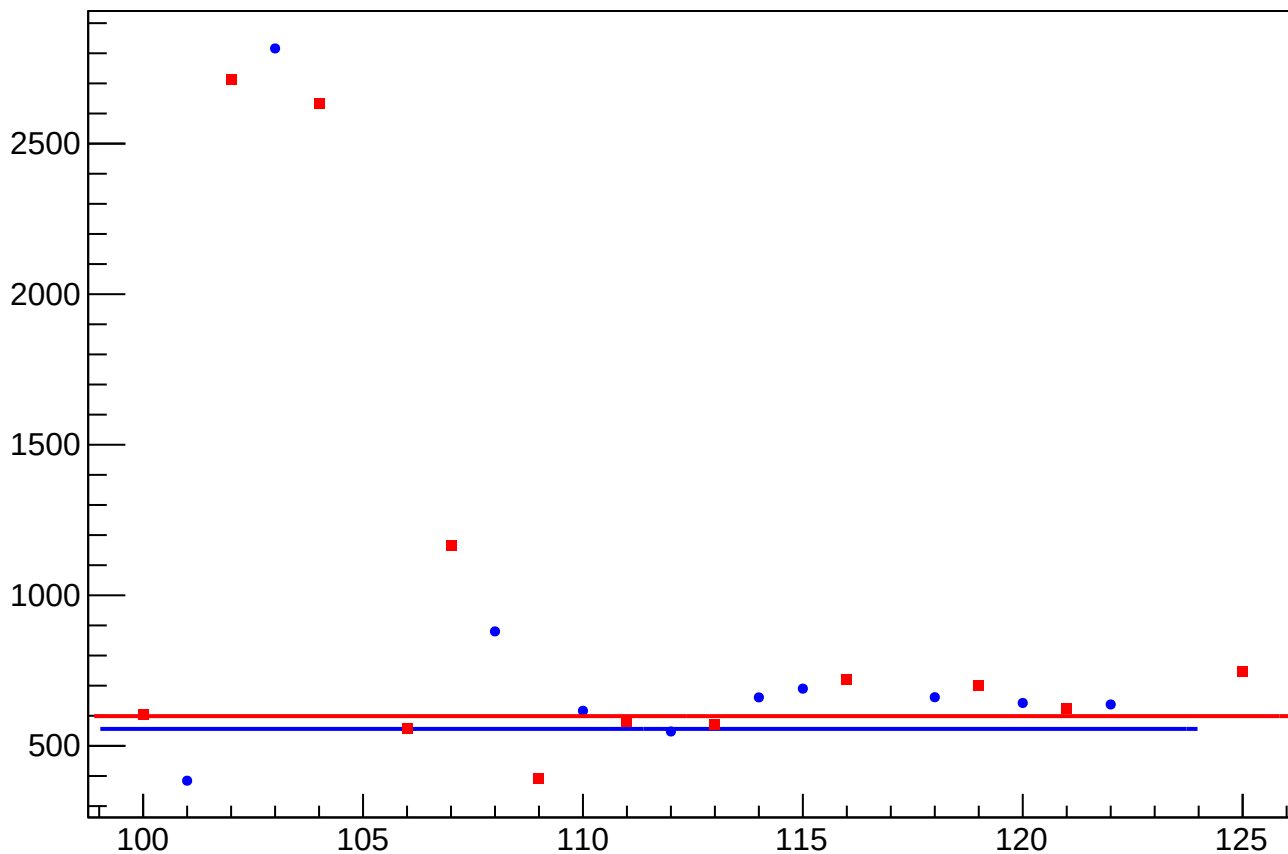
Right: -23.516 $\pm$ 214.205 χ^2 /NDF: 20.6/21

In: 306.645 $\pm$ 299.505 χ^2 /NDF:8.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -23.516 $\pm$ 214.205 χ^2 /NDF: 20.6/21

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: 598.805+/-0.217 χ^2/NDF : 1851172.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

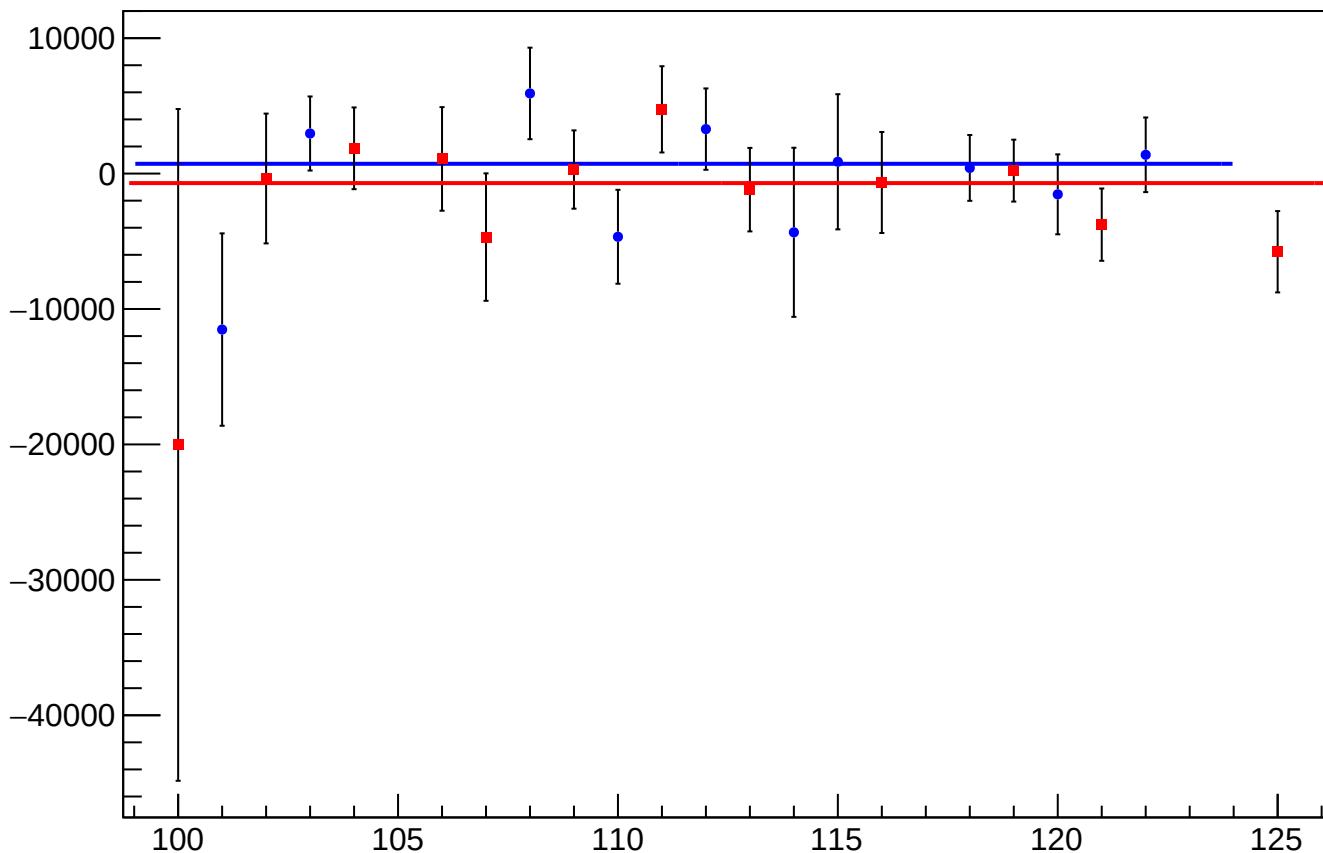
Right: 577.089+/-0.151 χ^2/NDF : 3083830.1/21

In: 556.351+/-0.212 χ^2/NDF : 1213027.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 577.089+/-0.151 χ^2/NDF : 3083830.1/21

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: -703.004 $\pm$ 950.683 χ^2 /NDF: 9.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

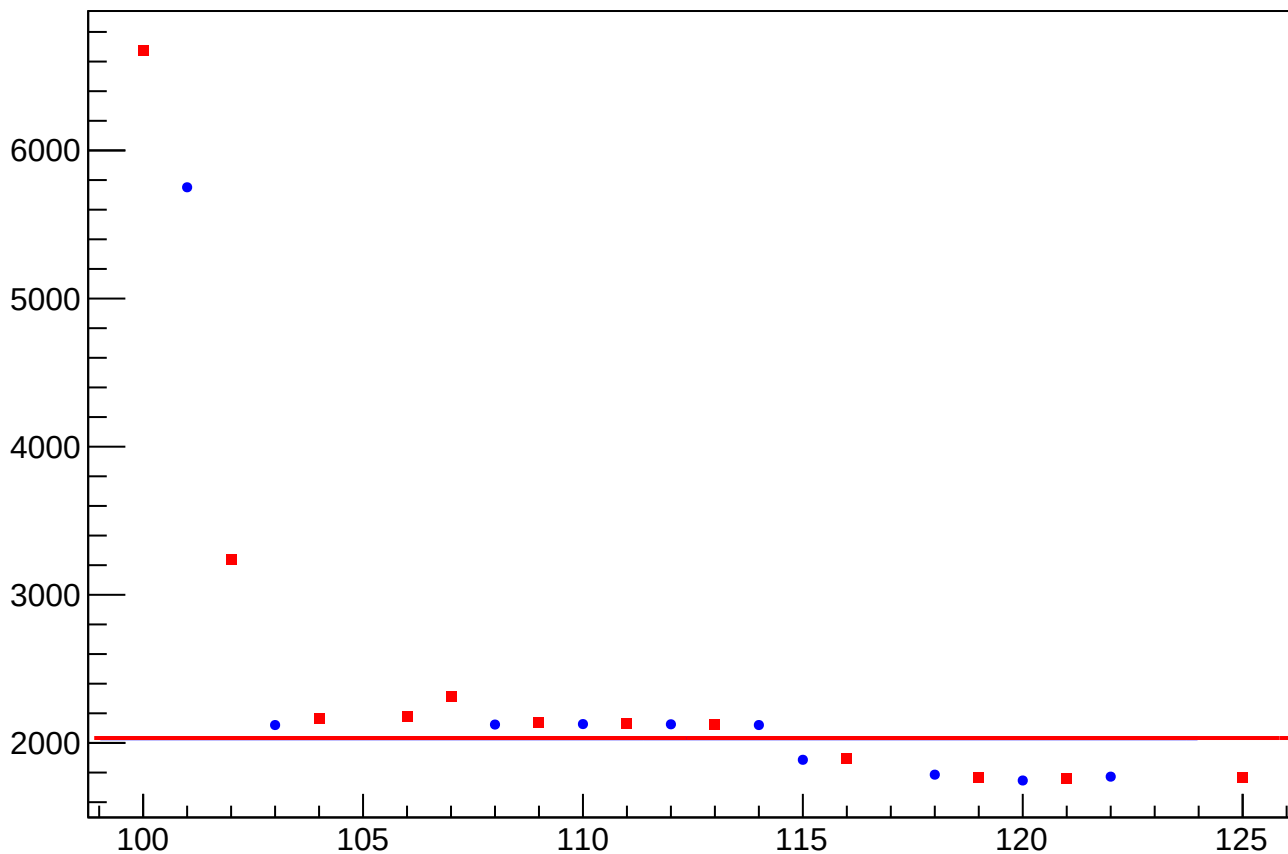
Right: -57.230 $\pm$ 703.050 χ^2 /NDF: 21.2/21

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: -57.230 $\pm$ 703.050 χ^2 /NDF: 21.2/21

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: 2033.197+/-0.672 χ^2/NDF : 283059.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

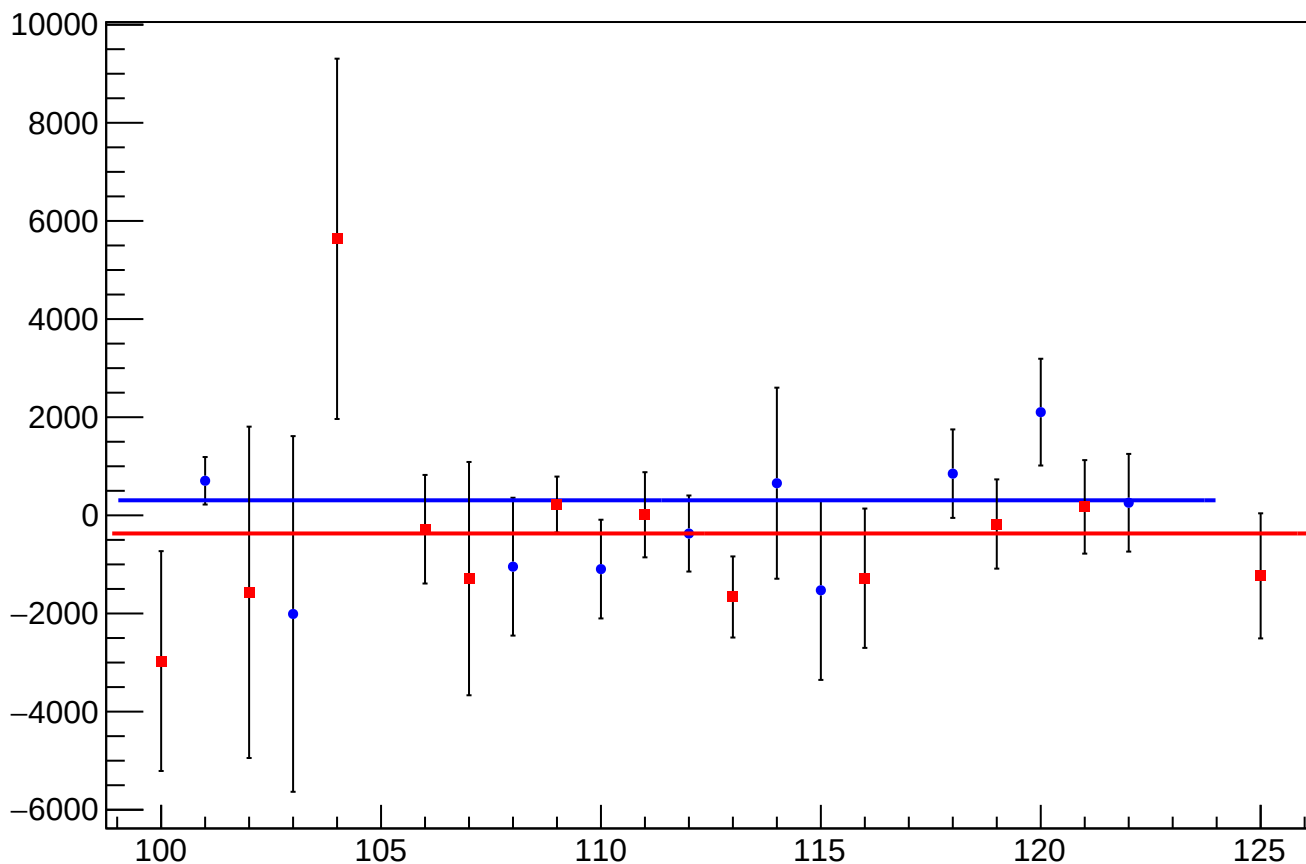
Right: 2032.527+/-0.497 χ^2/NDF : 897543.6/21

In: 2031.718+/-0.739 χ^2/NDF : 614481.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2032.527+/-0.497 χ^2/NDF : 897543.6/21

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: -369.231+/-306.478 χ^2/NDF : 9.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

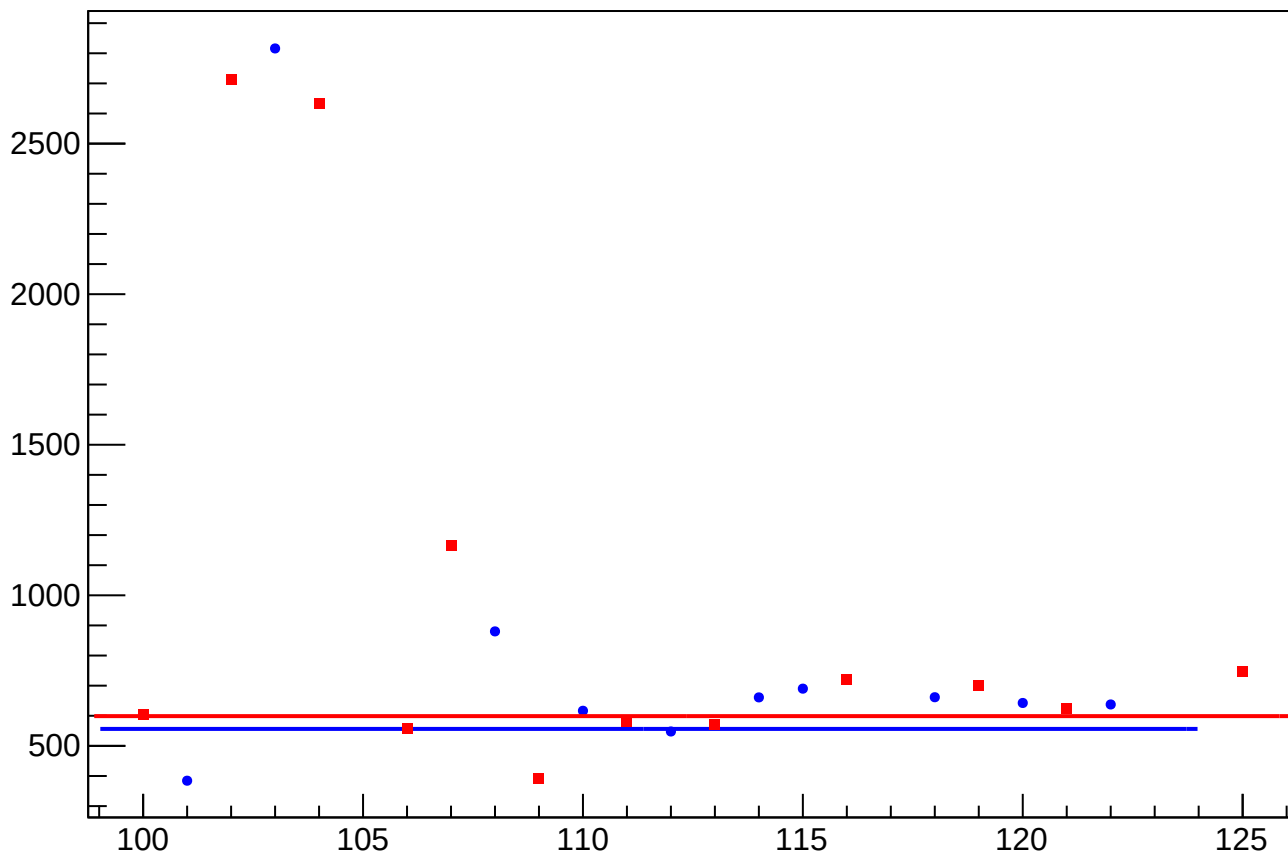
Right: -23.516+/-214.204 χ^2/NDF : 20.6/21

In: 306.644+/-299.504 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.516+/-214.204 χ^2/NDF : 20.6/21

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: 598.801+/-0.217 χ^2/NDF : 1851190.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

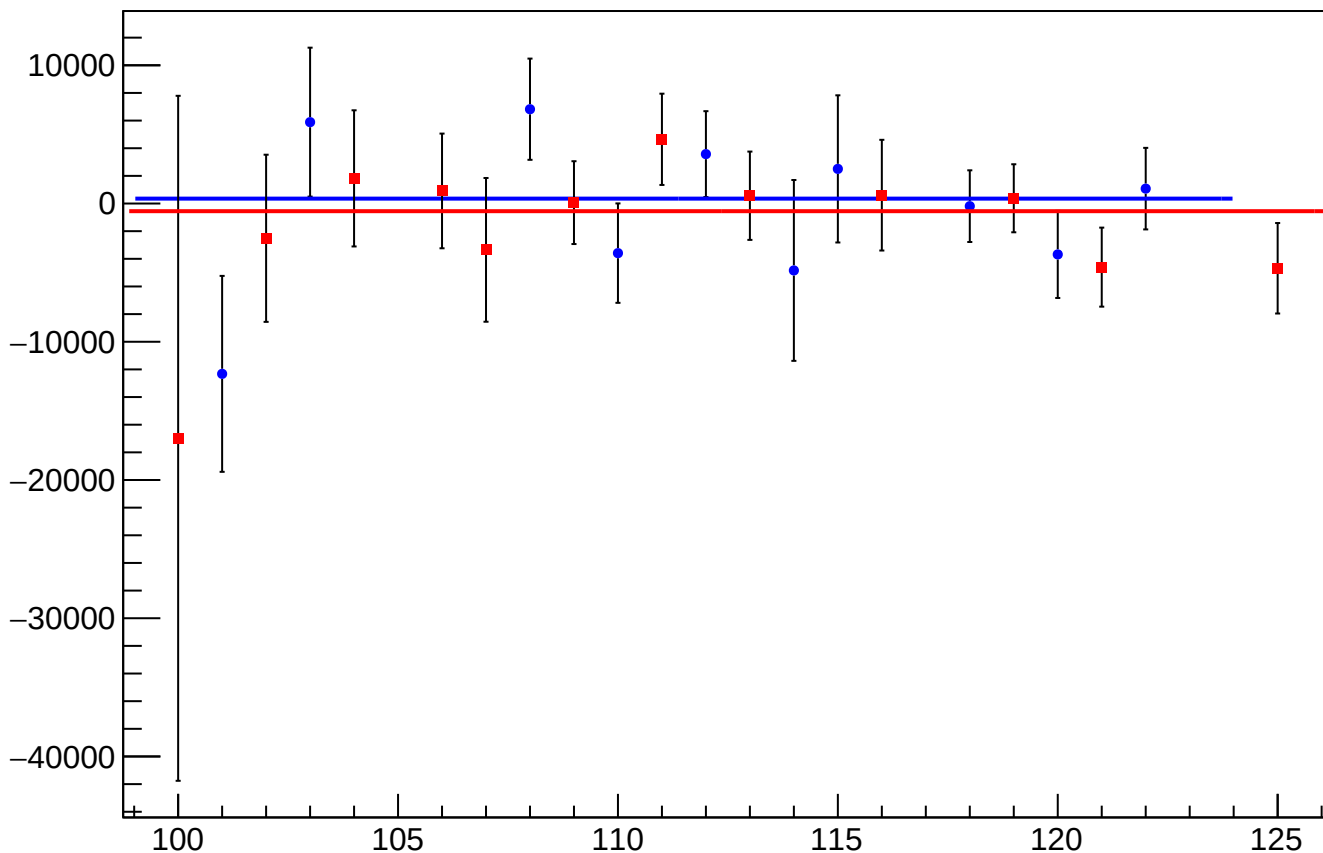
Right: 577.087+/-0.151 χ^2/NDF : 3083838.2/21

In: 556.349+/-0.212 χ^2/NDF : 1213020.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 577.087+/-0.151 χ^2/NDF : 3083838.2/21

asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 354.557+/-1167.956 χ^2/NDF : 12.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -553.896+/-1048.378 χ^2/NDF : 7.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

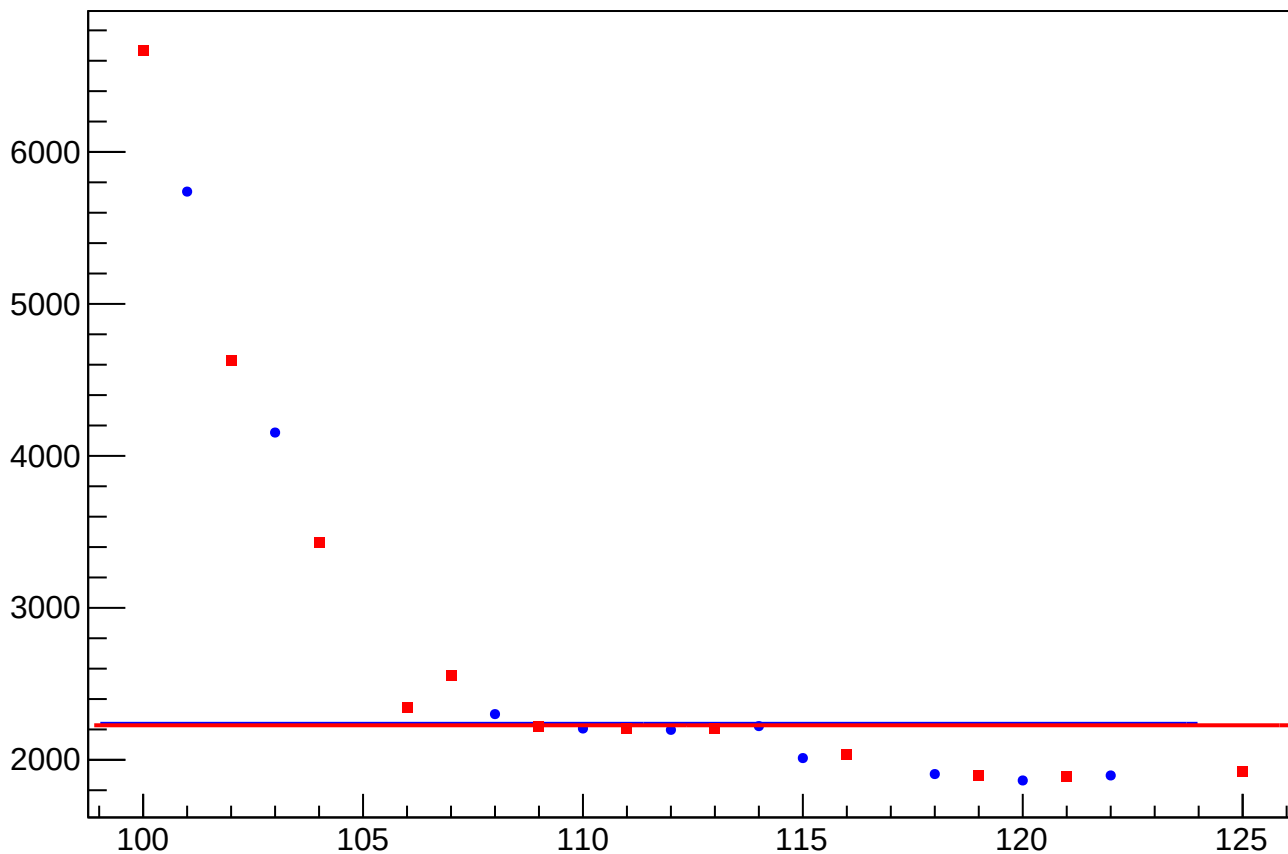
Right: -148.541+/-780.177 χ^2/NDF : 20.2/21

In: 354.557+/-1167.956 χ^2/NDF : 12.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -148.541+/-780.177 χ^2/NDF : 20.2/21

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: 2227.370+/-0.741 χ^2/NDF : 594062.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

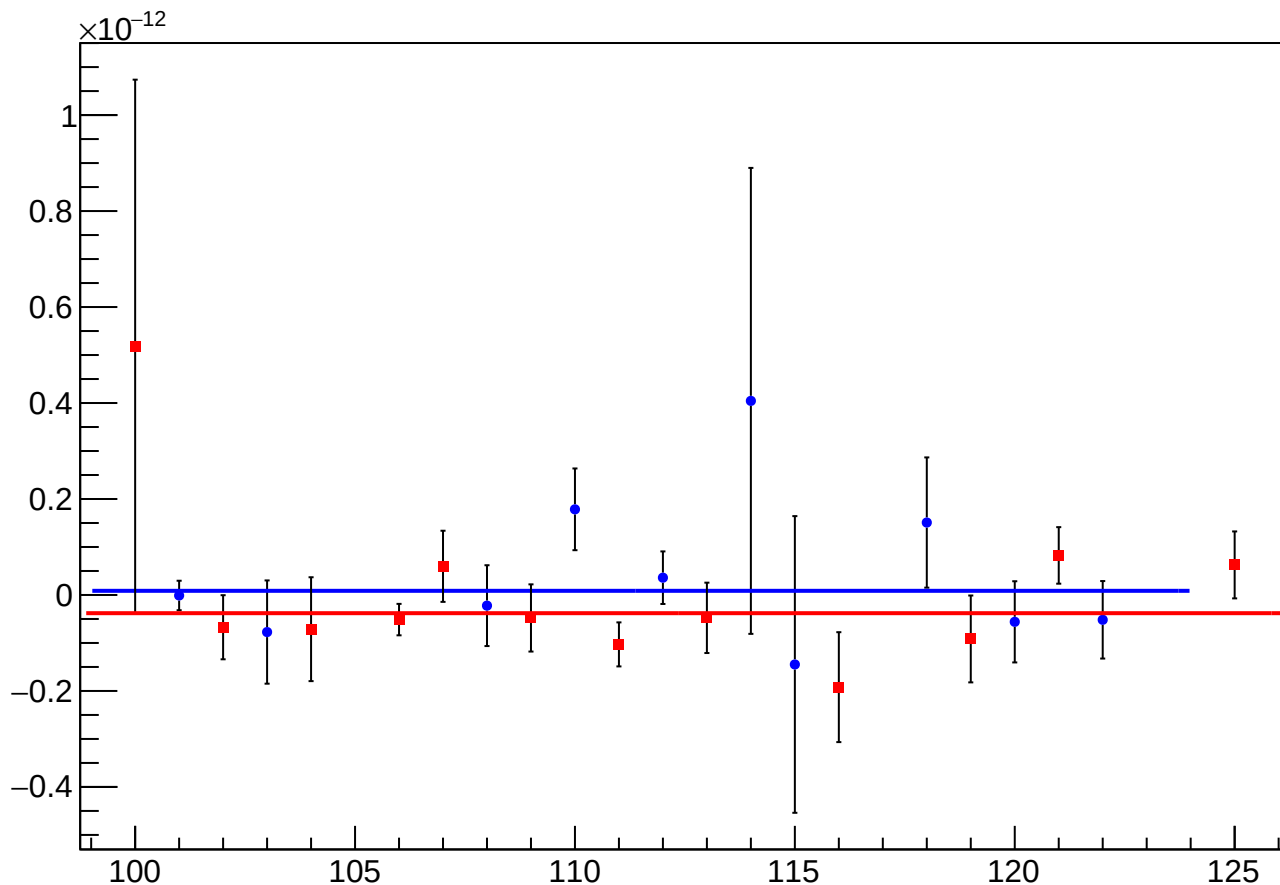
Right: 2231.661+/-0.552 χ^2/NDF : 1427328.8/21

In: 2236.987+/-0.826 χ^2/NDF : 833191.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2231.661+/-0.552 χ^2/NDF : 1427328.8/21

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 : 13.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

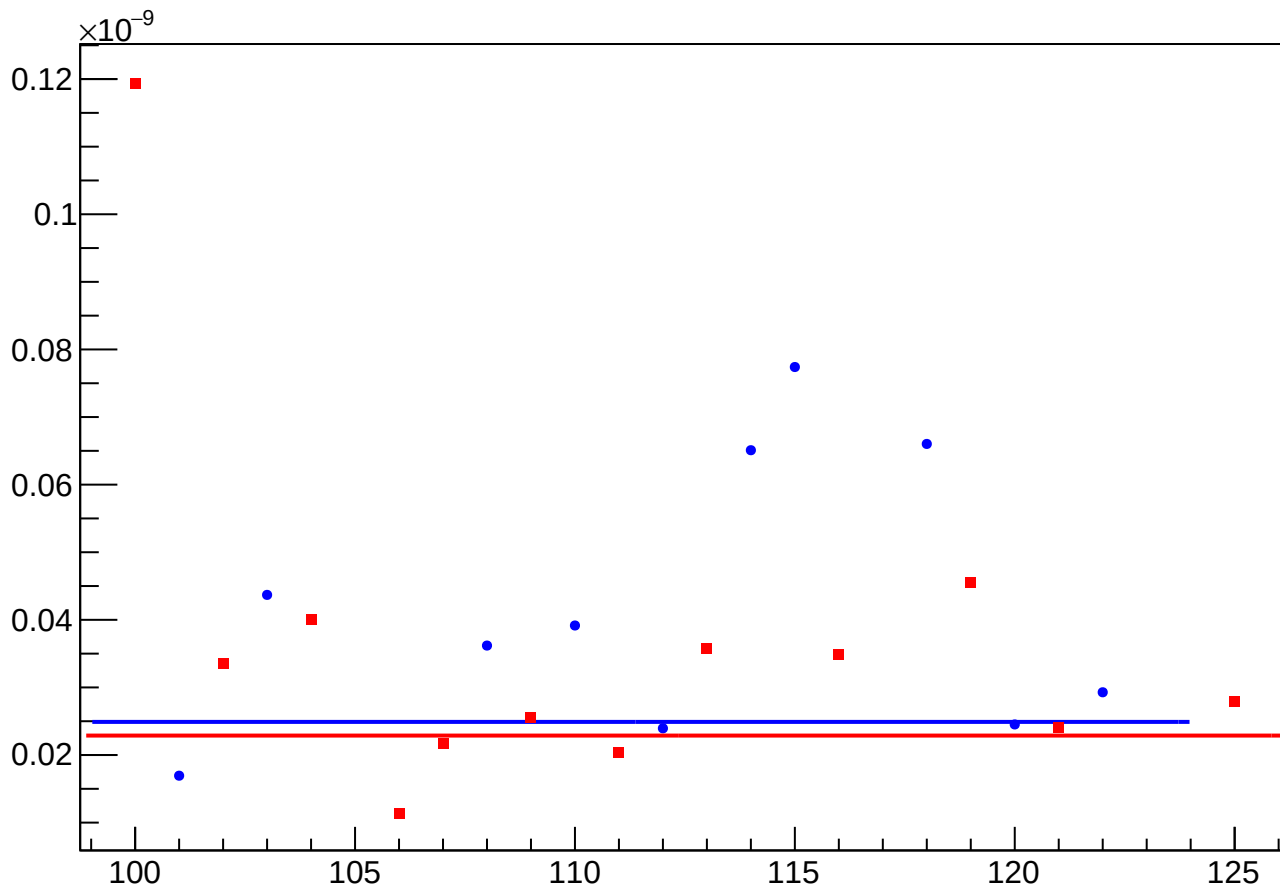
Right: -0.000+/-0.000 χ^2/NDF : 24.6/21

In: 0.000+/-0.000 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.6/21

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 : 638935.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

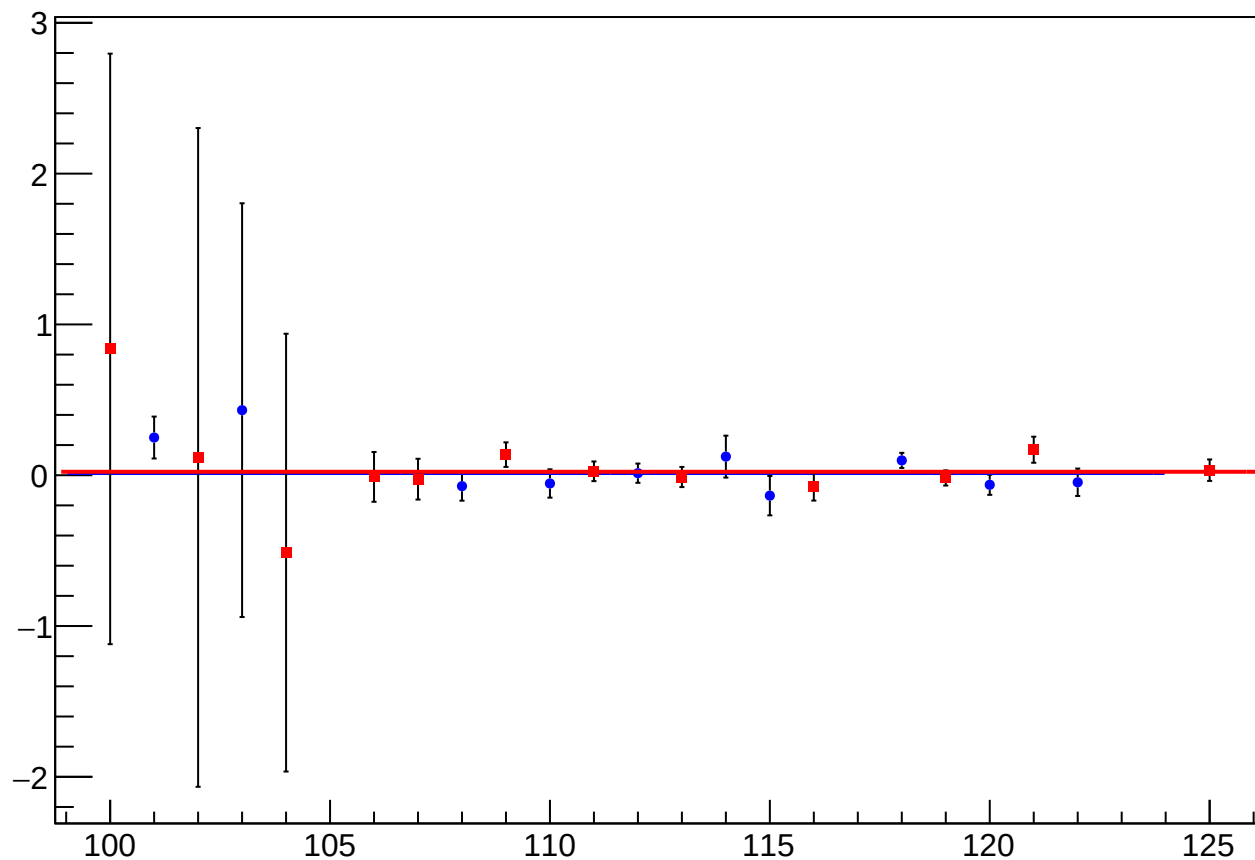
Right: 0.000+/-0.000 χ^2/NDF : 1198096.7/21

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 : 1198096.7/21

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: 0.023+/-0.025 χ^2/NDF : 7.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

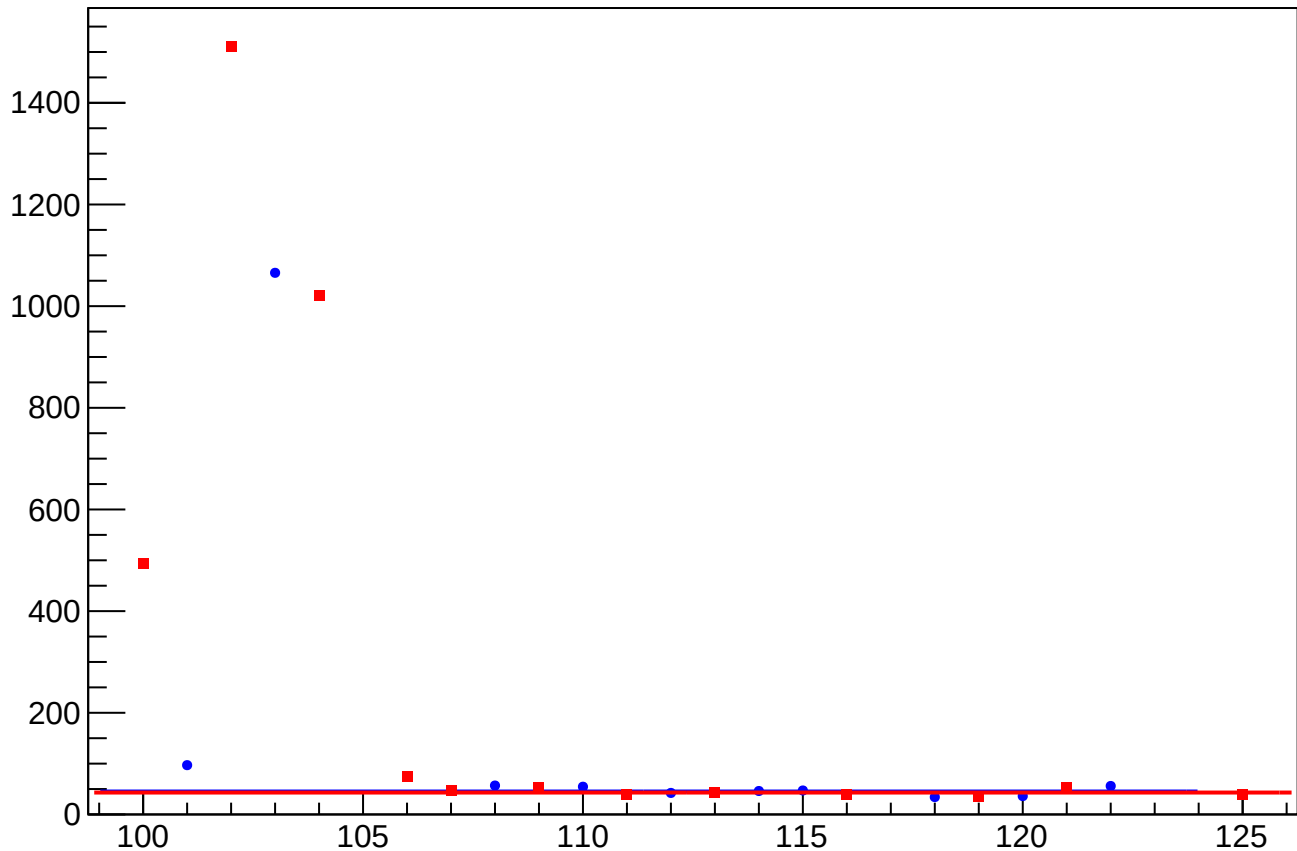
Right: 0.019+/-0.019 χ^2/NDF : 18.3/21

In: 0.015+/-0.027 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.019 χ^2/NDF : 18.3/21

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: 43.108+/-0.018 χ^2/NDF : 2107517.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

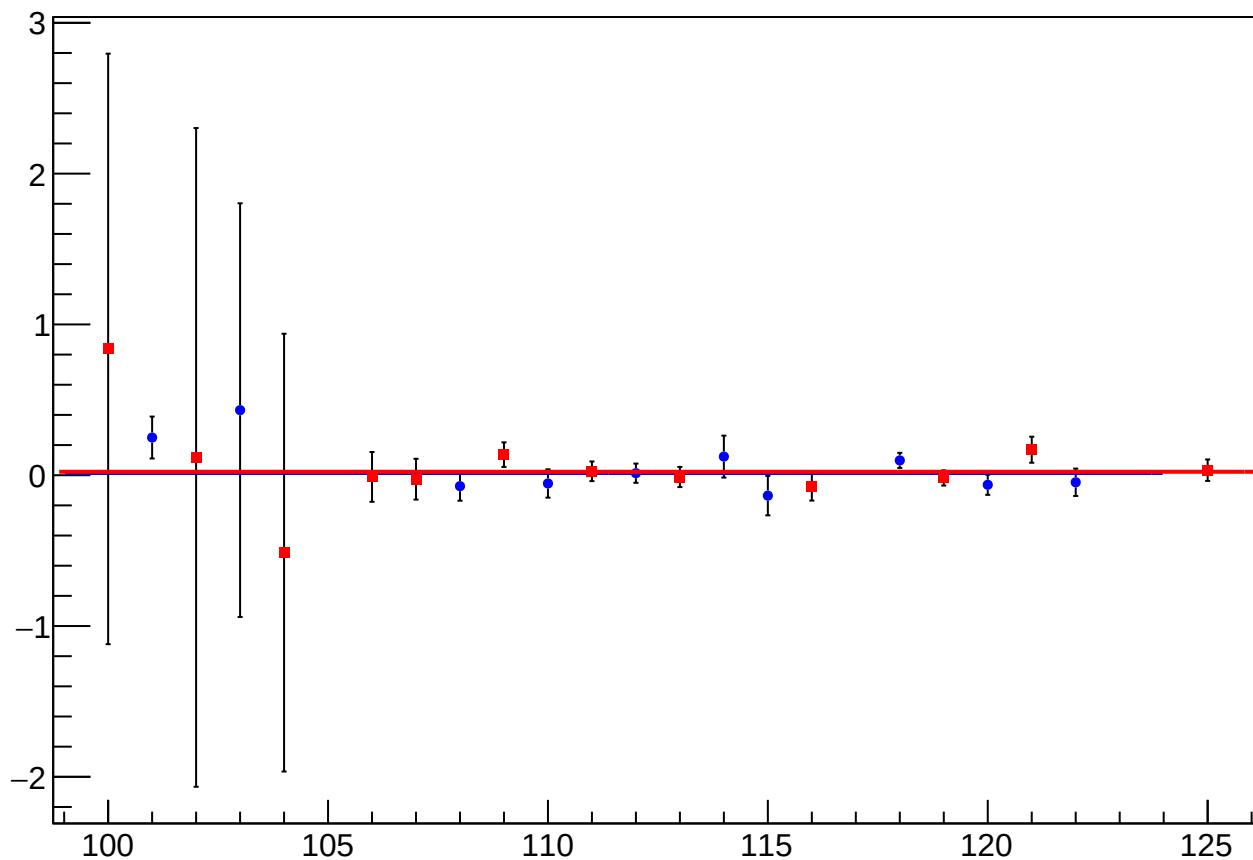
Right: 44.059+/-0.013 χ^2/NDF : 3712762.9/21

In: 45.130+/-0.019 χ^2/NDF : 1599300.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.059+/-0.013 χ^2/NDF : 3712762.9/21

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: 0.023+/-0.025 χ^2/NDF : 7.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

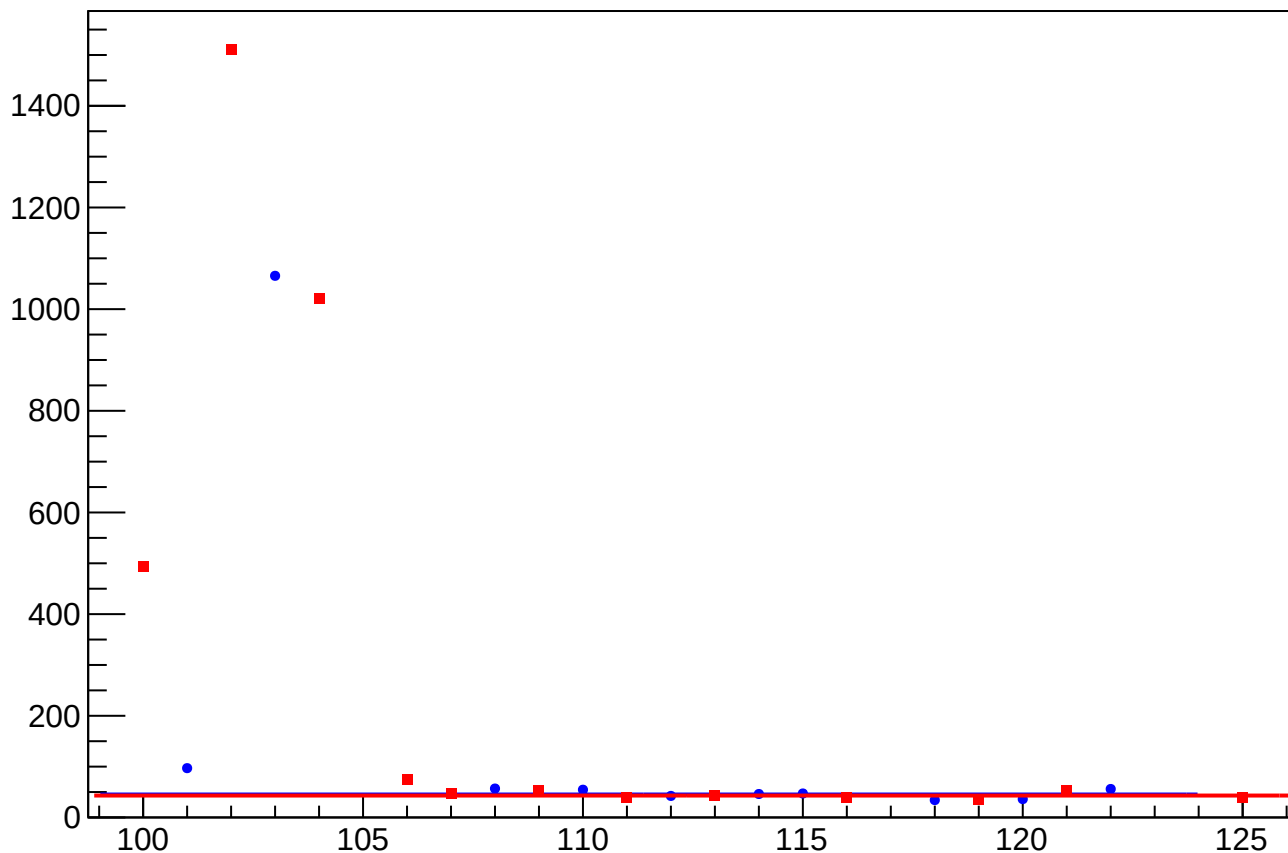
Right: 0.019+/-0.019 χ^2/NDF : 18.3/21

In: 0.015+/-0.027 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.019 χ^2/NDF : 18.3/21

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: 43.108+/-0.018 χ^2/NDF : 2107517.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

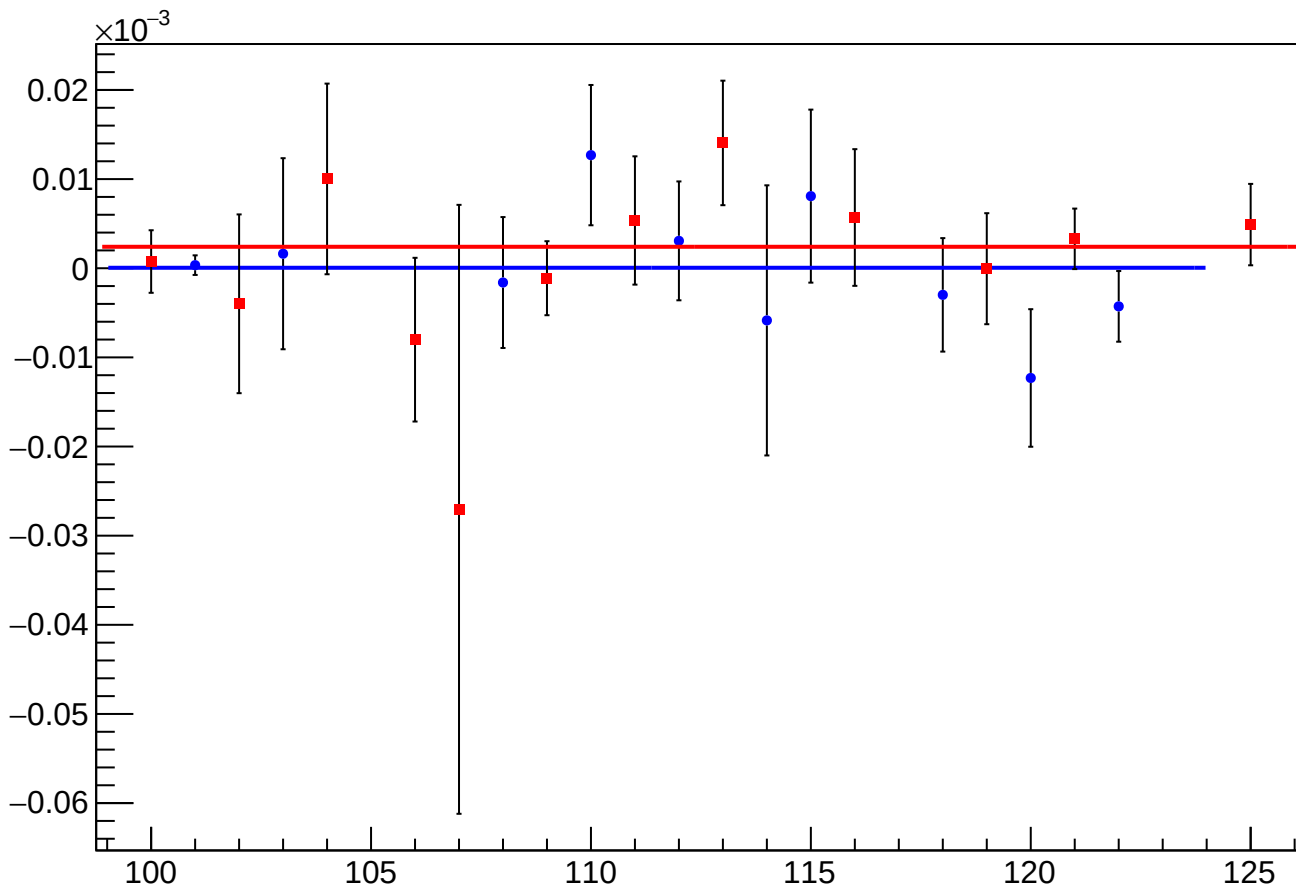
Right: 44.059+/-0.013 χ^2/NDF : 3712762.9/21

In: 45.130+/-0.019 χ^2/NDF : 1599300.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.059+/-0.013 χ^2/NDF : 3712762.9/21

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.5/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

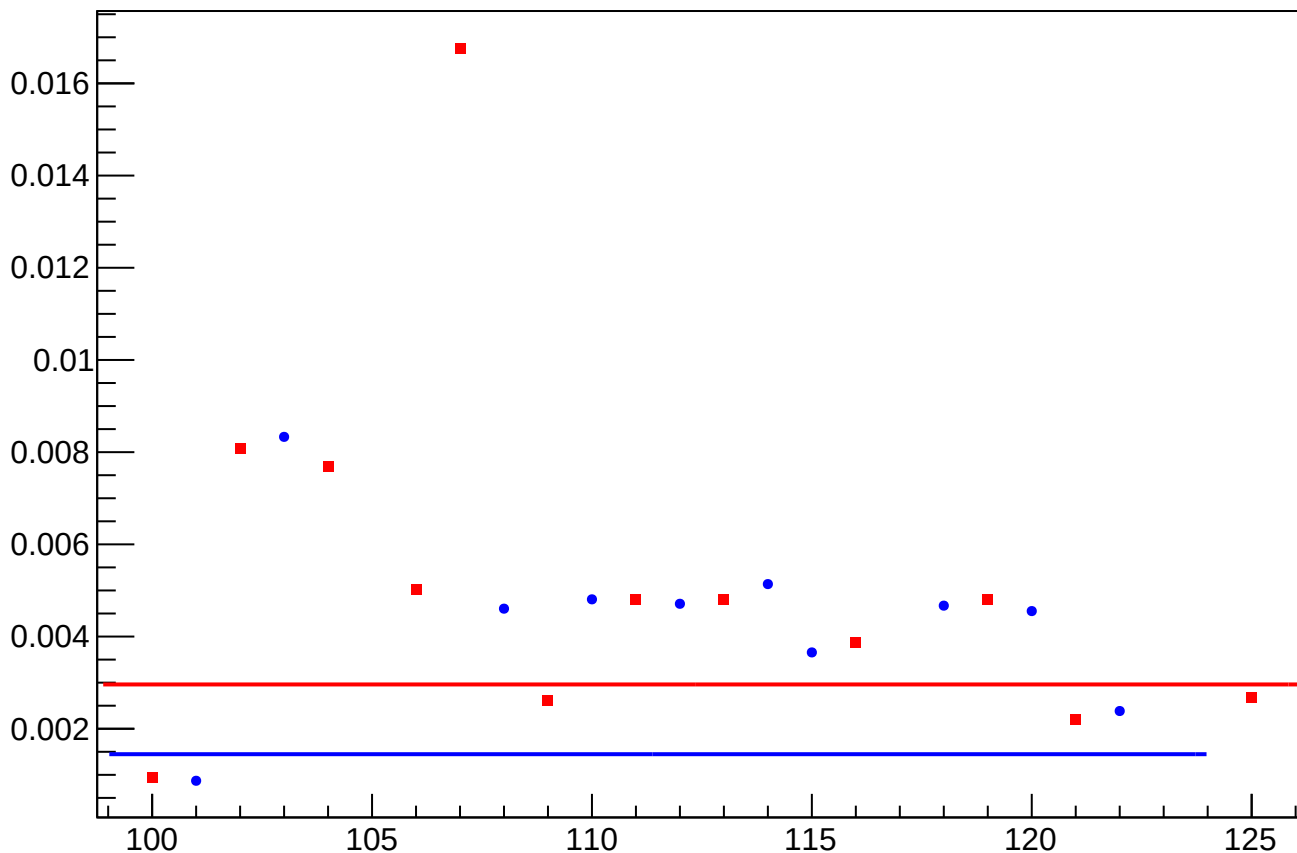
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.9/21

In: 0.000 $\pm$ 0.000 χ^2 /NDF:7.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.9/21

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 : 2597183.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

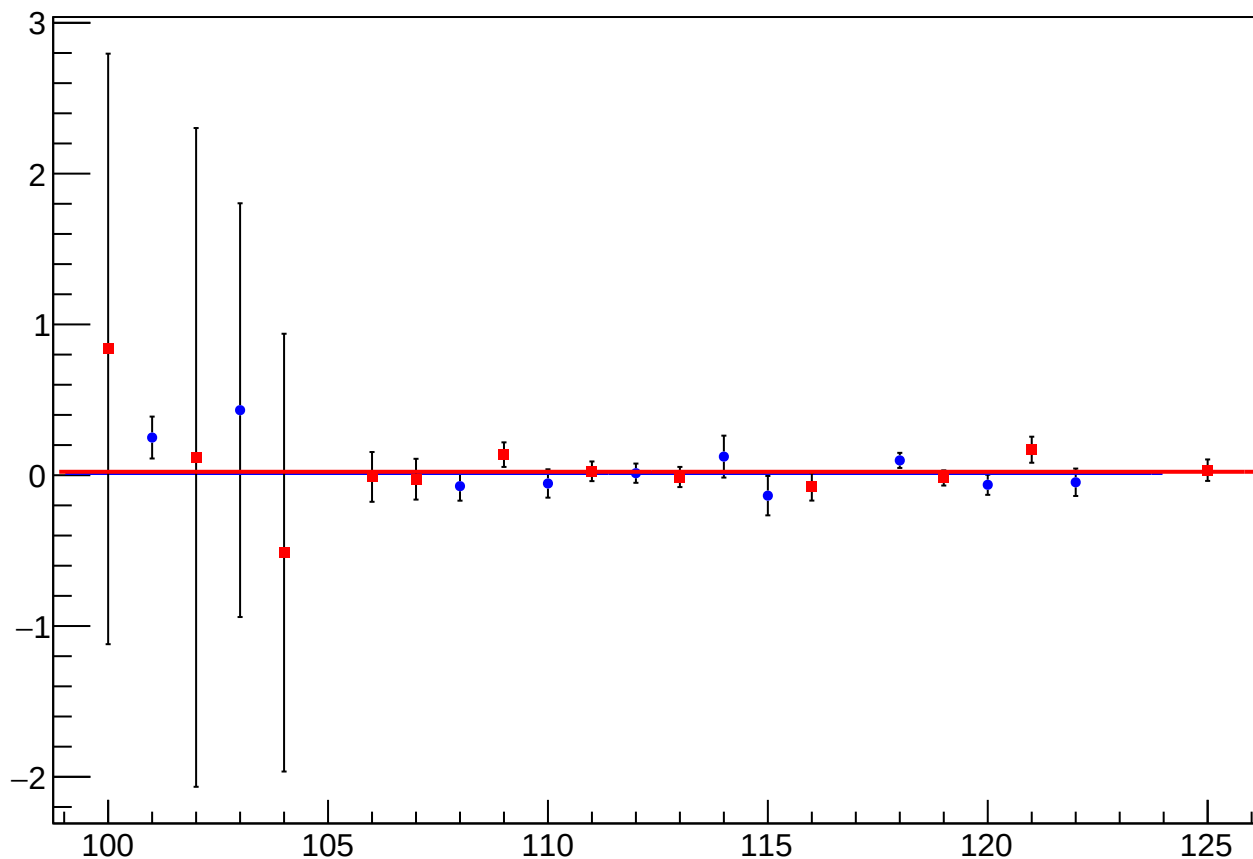
Right: 0.002+/-0.000 χ^2/NDF : 7640389.1/21

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 : 7640389.1/21

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: 0.023+/-0.025 χ^2/NDF : 7.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

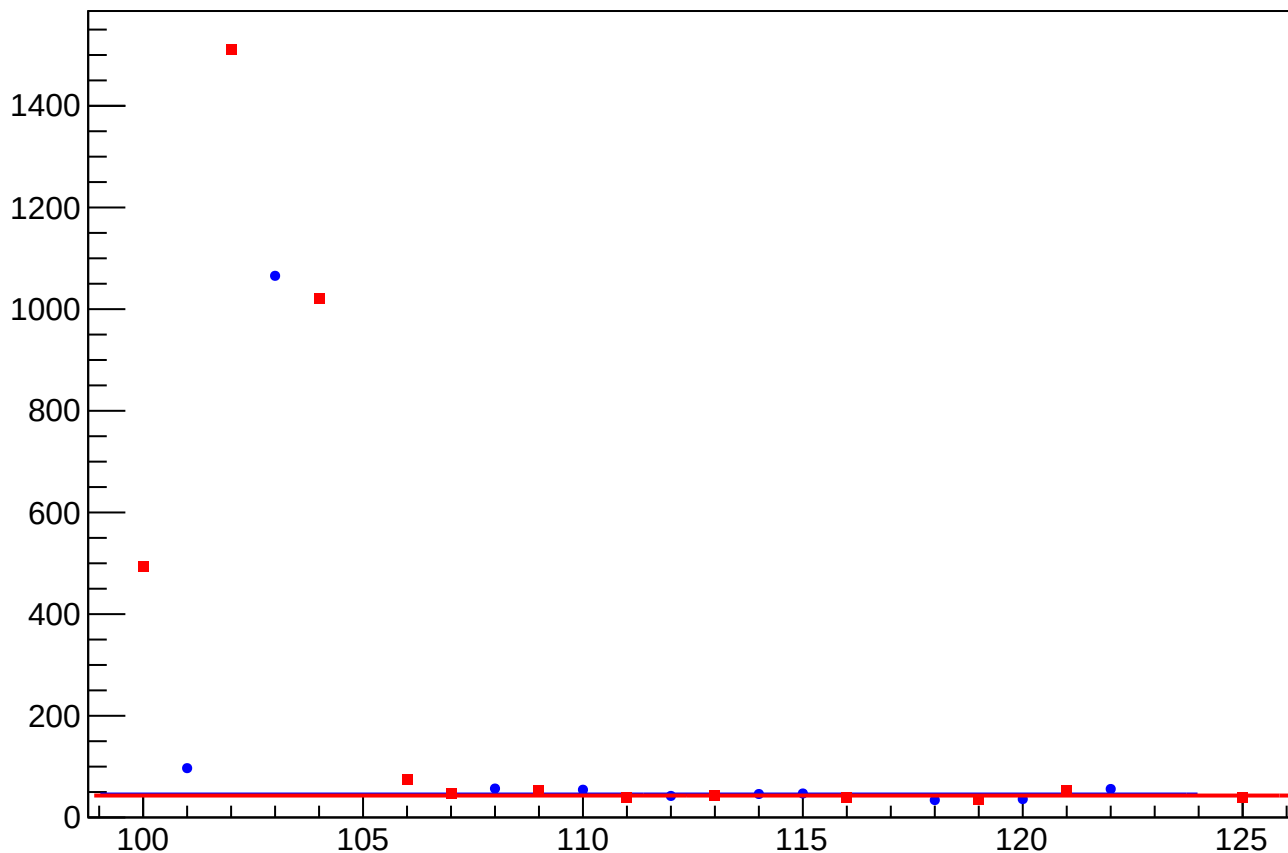
Right: 0.019+/-0.019 χ^2/NDF : 18.3/21

In: 0.015+/-0.027 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.019 χ^2/NDF : 18.3/21

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: 43.108+/-0.018 χ^2/NDF : 2107552.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

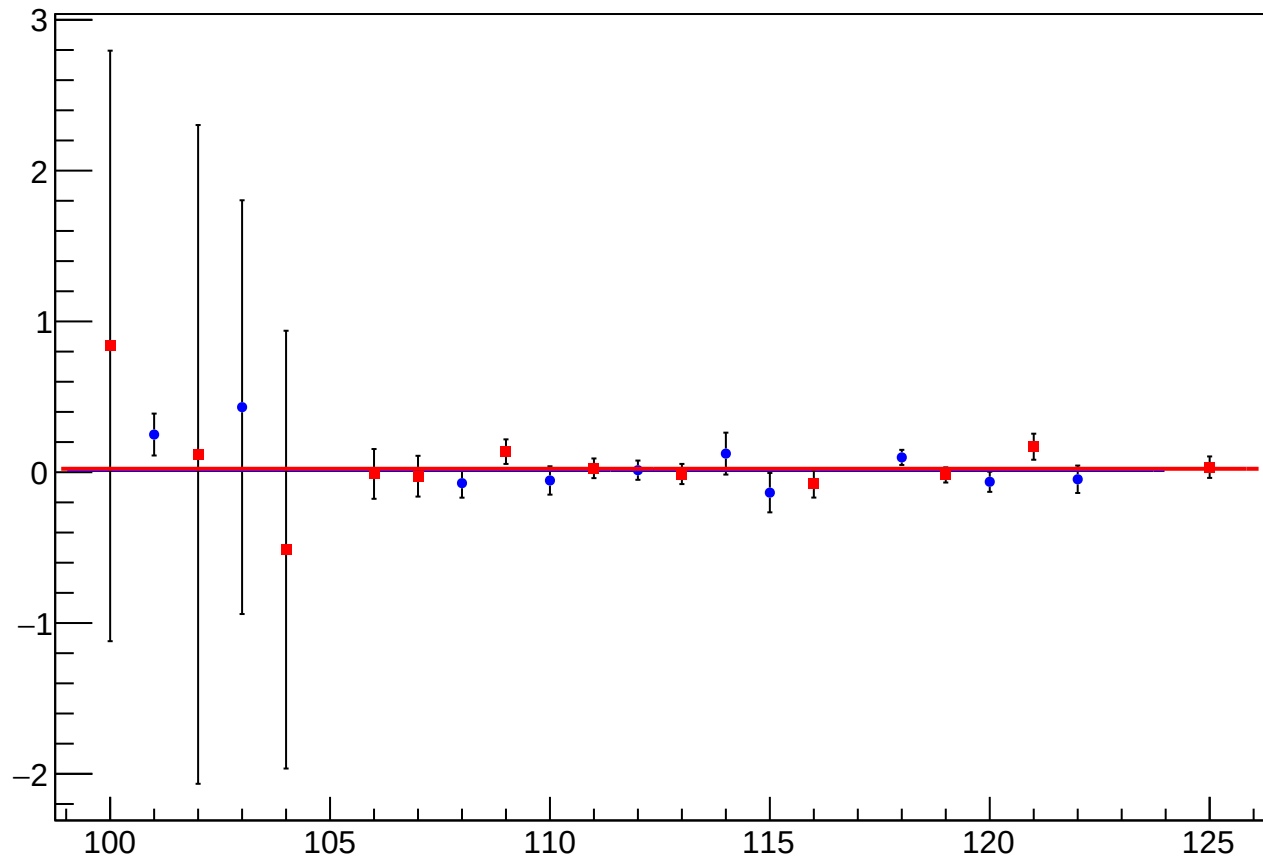
Right: 44.059+/-0.013 χ^2/NDF : 3712779.1/21

In: 45.131+/-0.019 χ^2/NDF : 1599272.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.059+/-0.013 χ^2/NDF : 3712779.1/21

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: 0.023+/-0.025 χ^2/NDF : 7.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

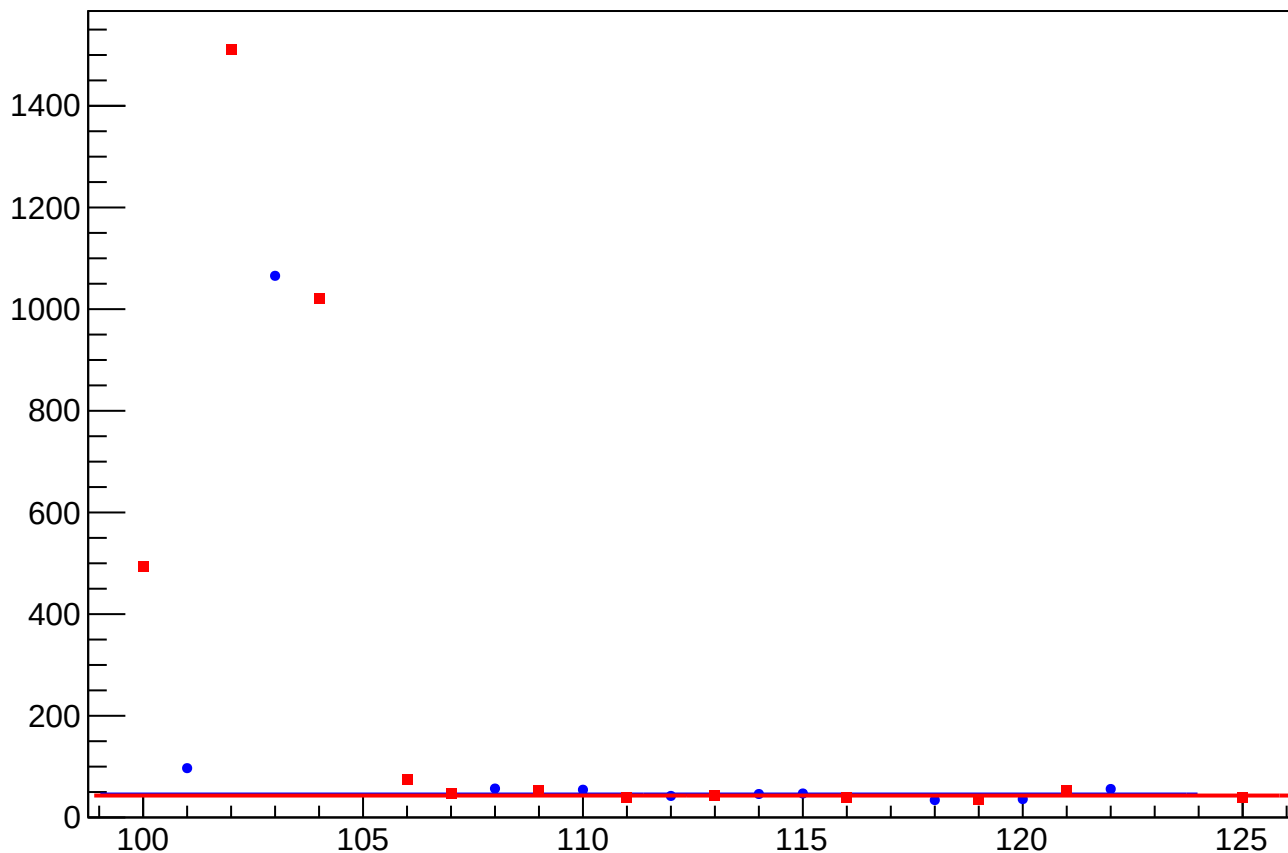
Right: 0.019+/-0.019 χ^2/NDF : 18.3/21

In: 0.015+/-0.027 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.019 χ^2/NDF : 18.3/21

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: 43.108+/-0.018 χ^2/NDF : 2107552.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

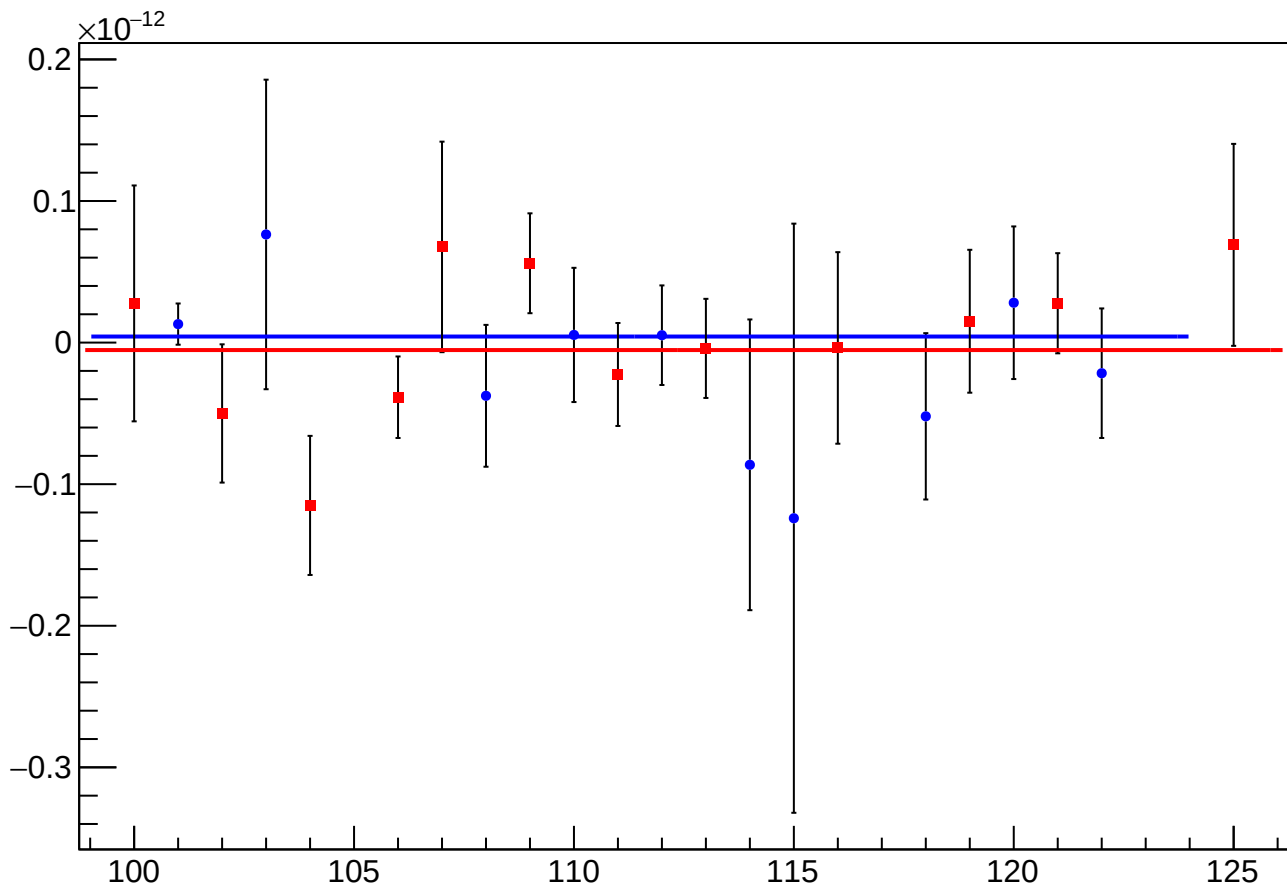
Right: 44.059+/-0.013 χ^2/NDF : 3712779.1/21

In: 45.131+/-0.019 χ^2/NDF : 1599272.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.059+/-0.013 χ^2/NDF : 3712779.1/21

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 : 13.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

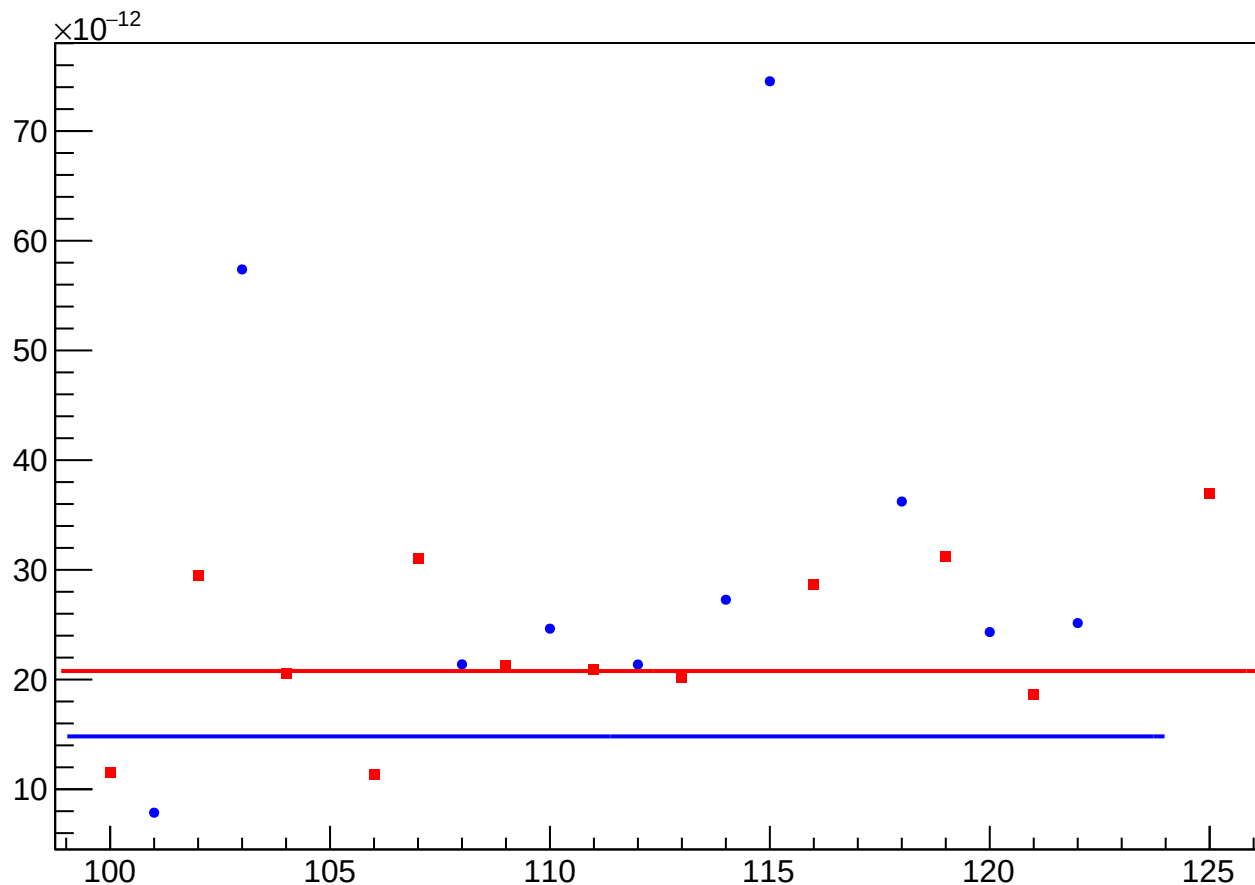
Right: -0.000+/-0.000 χ^2/NDF : 18.1/21

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 : 18.1/21

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 : 564351.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

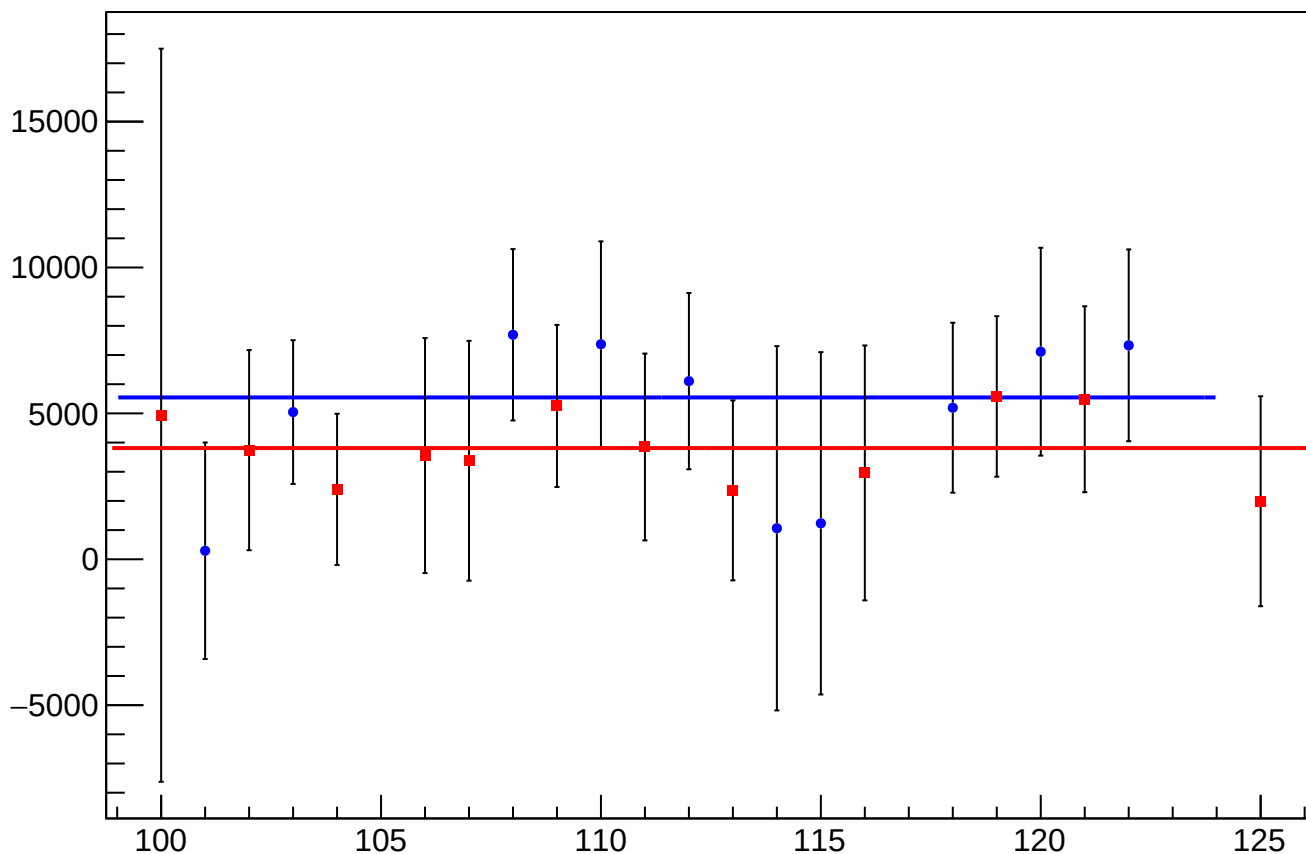
Right: 0.000+/-0.000 χ^2/NDF : 2384891.4/21

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 : 2384891.4/21

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: 3811.116+/-974.097 χ^2/NDF : 1.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

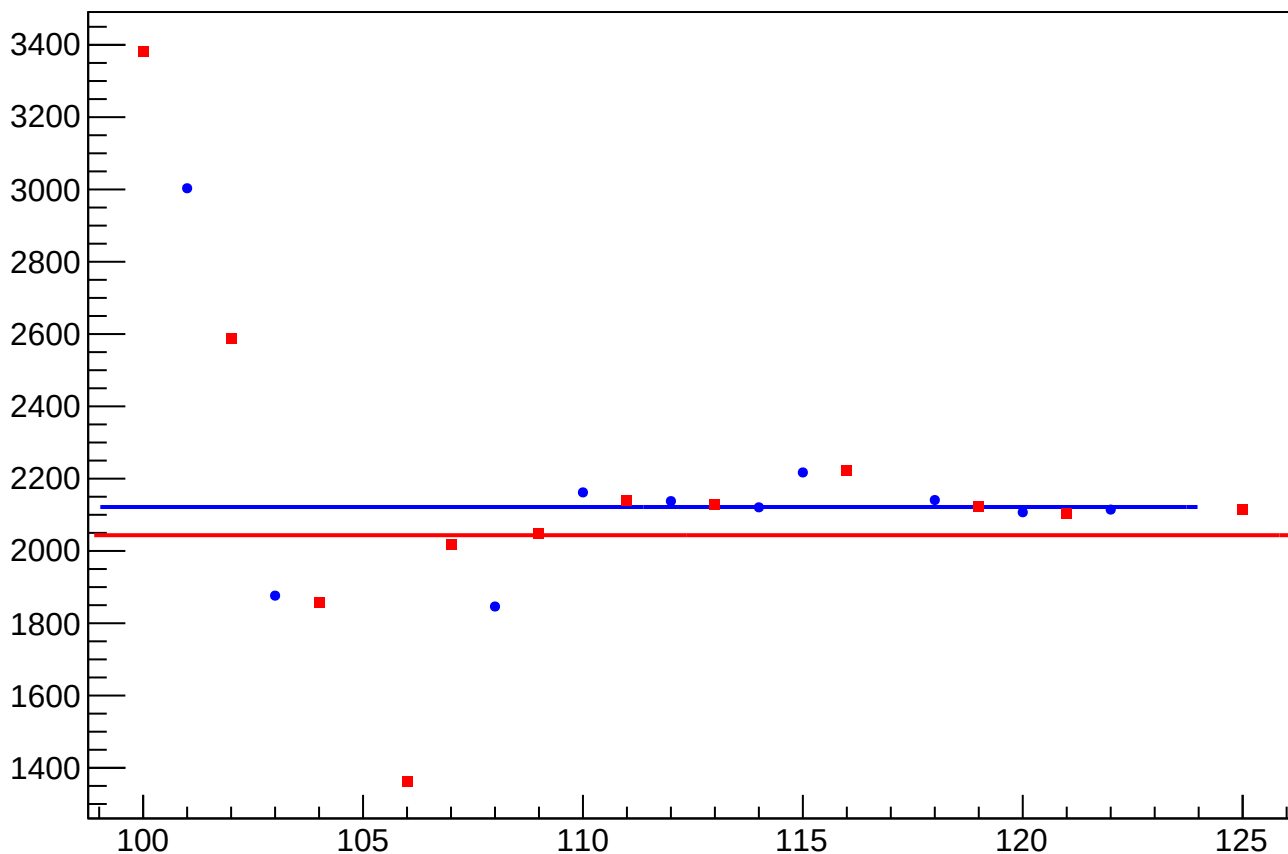
Right: 4604.324+/-717.733 χ^2/NDF : 7.7/21

In: 5546.432+/-1061.595 χ^2/NDF : 4.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4604.324+/-717.733 χ^2/NDF : 7.7/21

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: 2043.557+/-0.673 χ^2/NDF : 196356.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

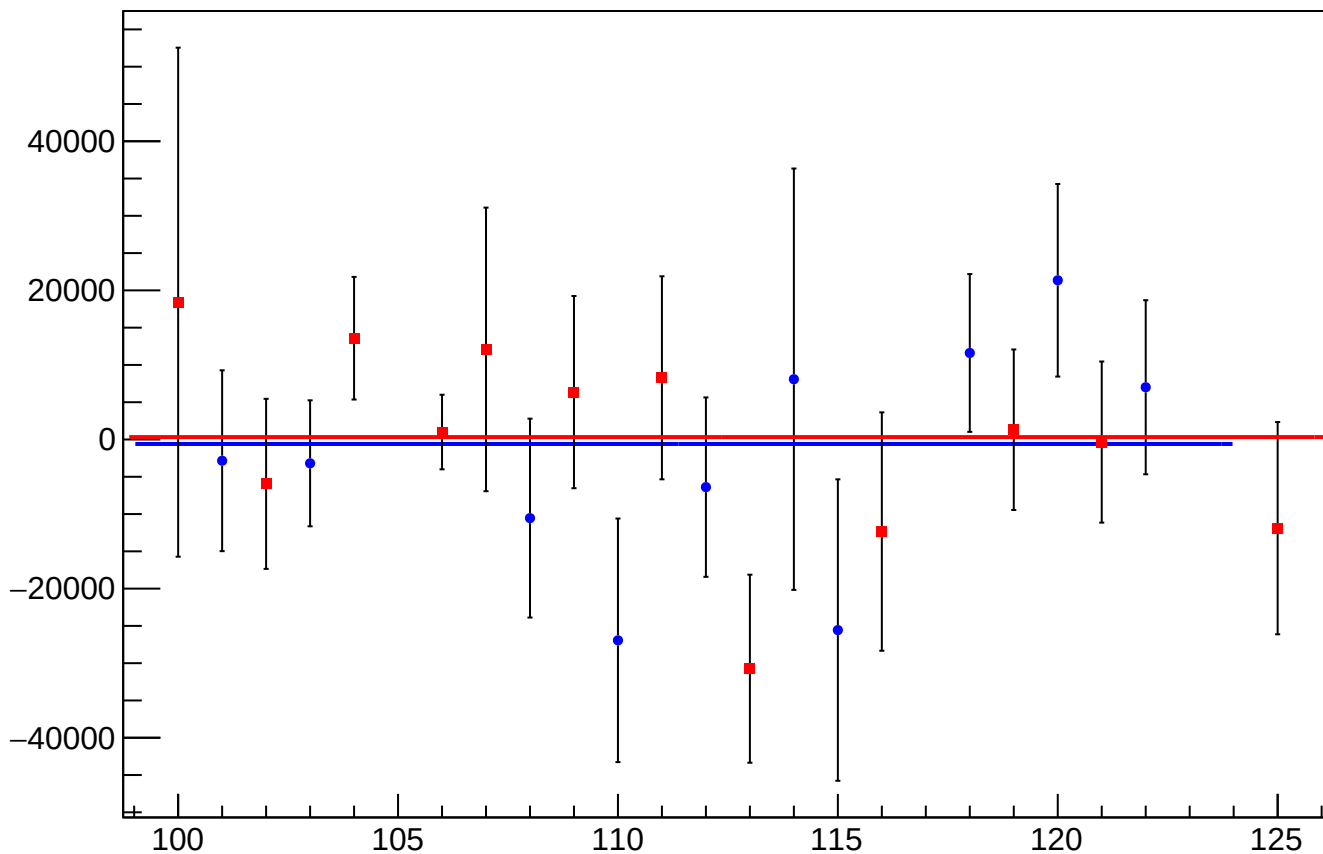
Right: 2078.326+/-0.501 χ^2/NDF : 353634.8/21

In: 2121.571+/-0.751 χ^2/NDF : 151290.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2078.326+/-0.501 χ^2/NDF : 353634.8/21

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: 322.335+/-3017.188 χ^2/NDF : 11.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

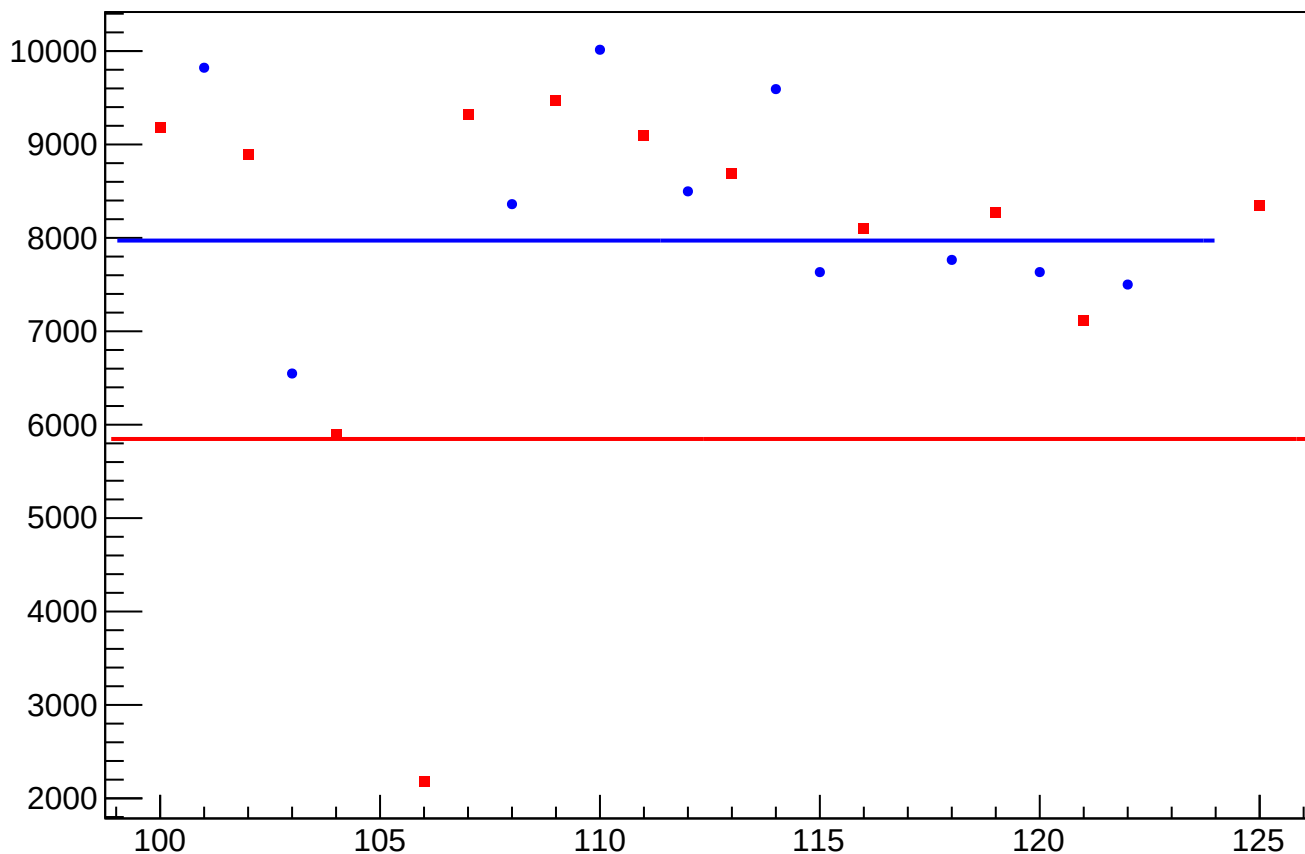
Right: -13.582+/-2404.907 χ^2/NDF : 21.4/21

In: -598.789+/-3982.371 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.582+/-2404.907 χ^2/NDF : 21.4/21

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: 5847.200+/-2.133 χ^2/NDF : 1907588.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

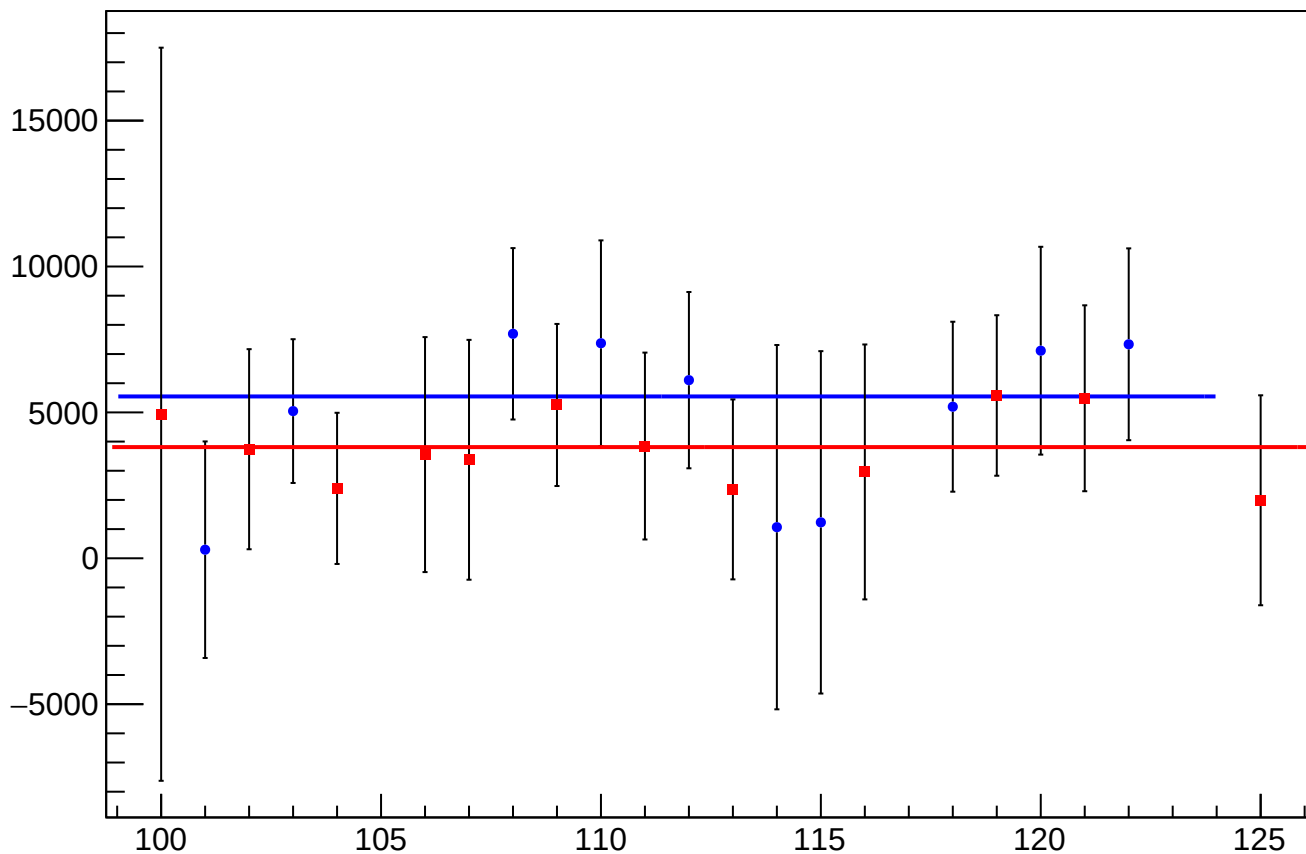
Right: 6621.826+/-1.701 χ^2/NDF : 2421744.4/21

In: 7971.319+/-2.816 χ^2/NDF : 152666.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6621.826+/-1.701 χ^2/NDF : 2421744.4/21

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: 3810.802+/-974.097 χ^2/NDF : 1.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

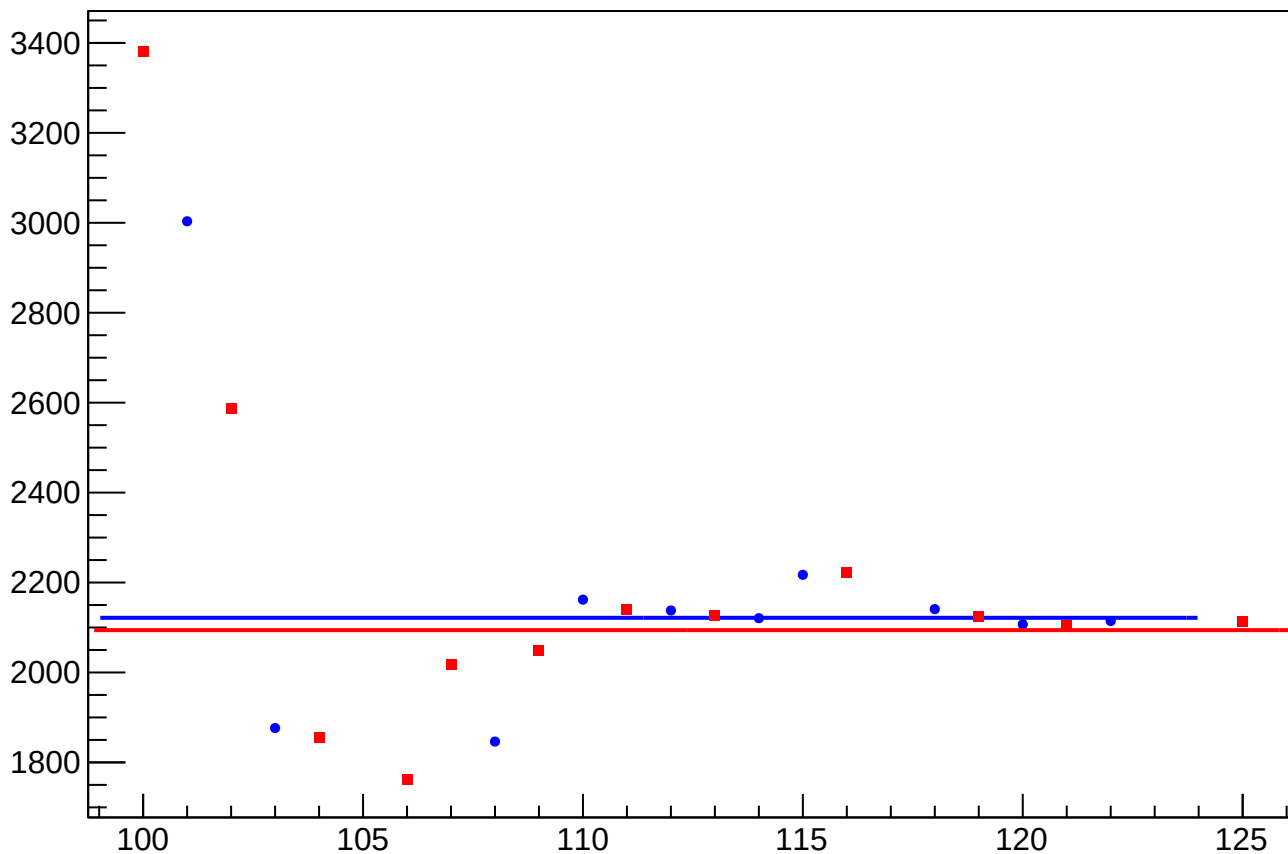
Right: 4604.333+/-717.733 χ^2/NDF : 7.7/21

In: 5546.825+/-1061.595 χ^2/NDF : 4.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4604.333+/-717.733 χ^2/NDF : 7.7/21

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: 2094.116+/-0.684 χ^2/NDF : 100098.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

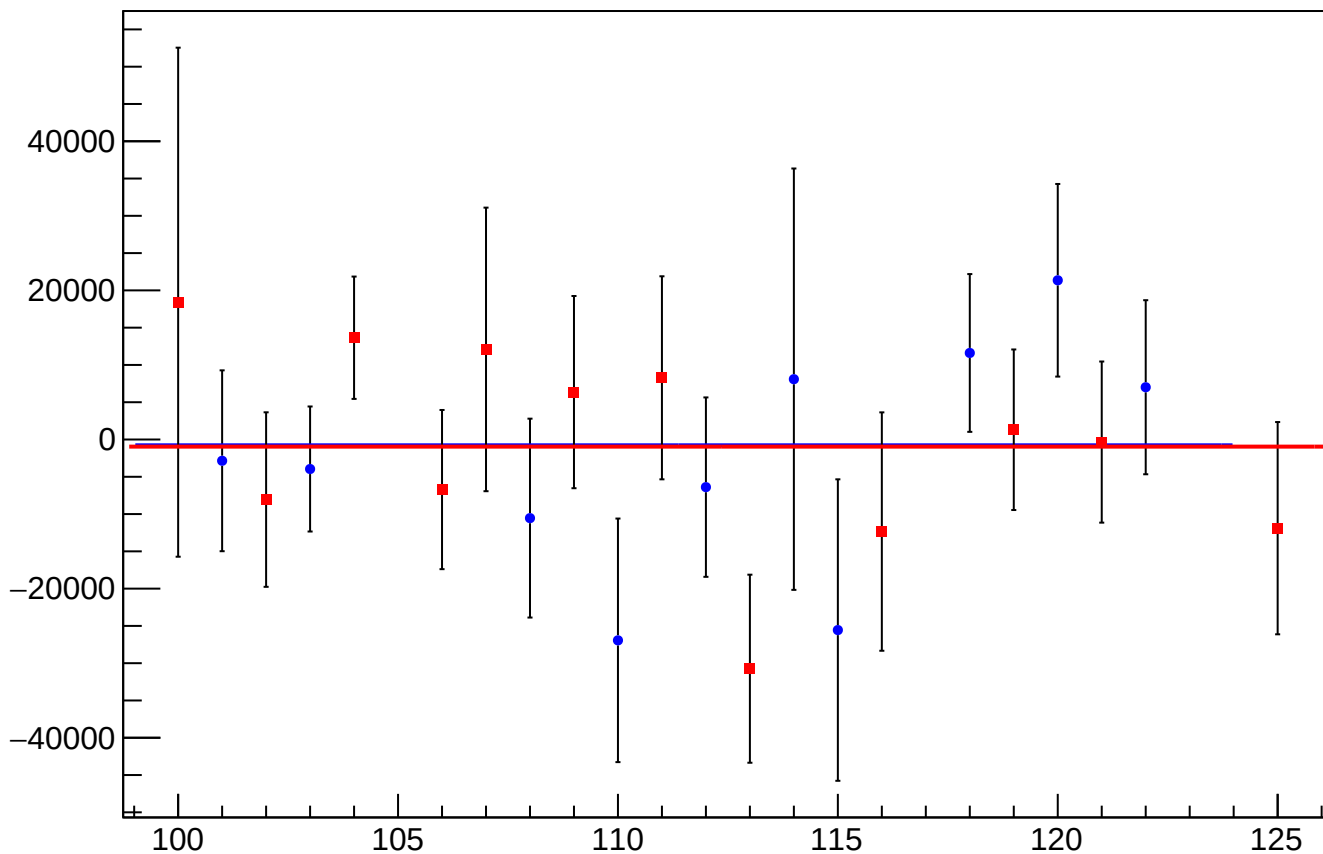
Right: 2106.568+/-0.506 χ^2/NDF : 252119.9/21

In: 2121.571+/-0.751 χ^2/NDF : 151290.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2106.568+/-0.506 χ^2/NDF : 252119.9/21

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: -954.811+/-3573.567 χ^2/NDF : 12.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

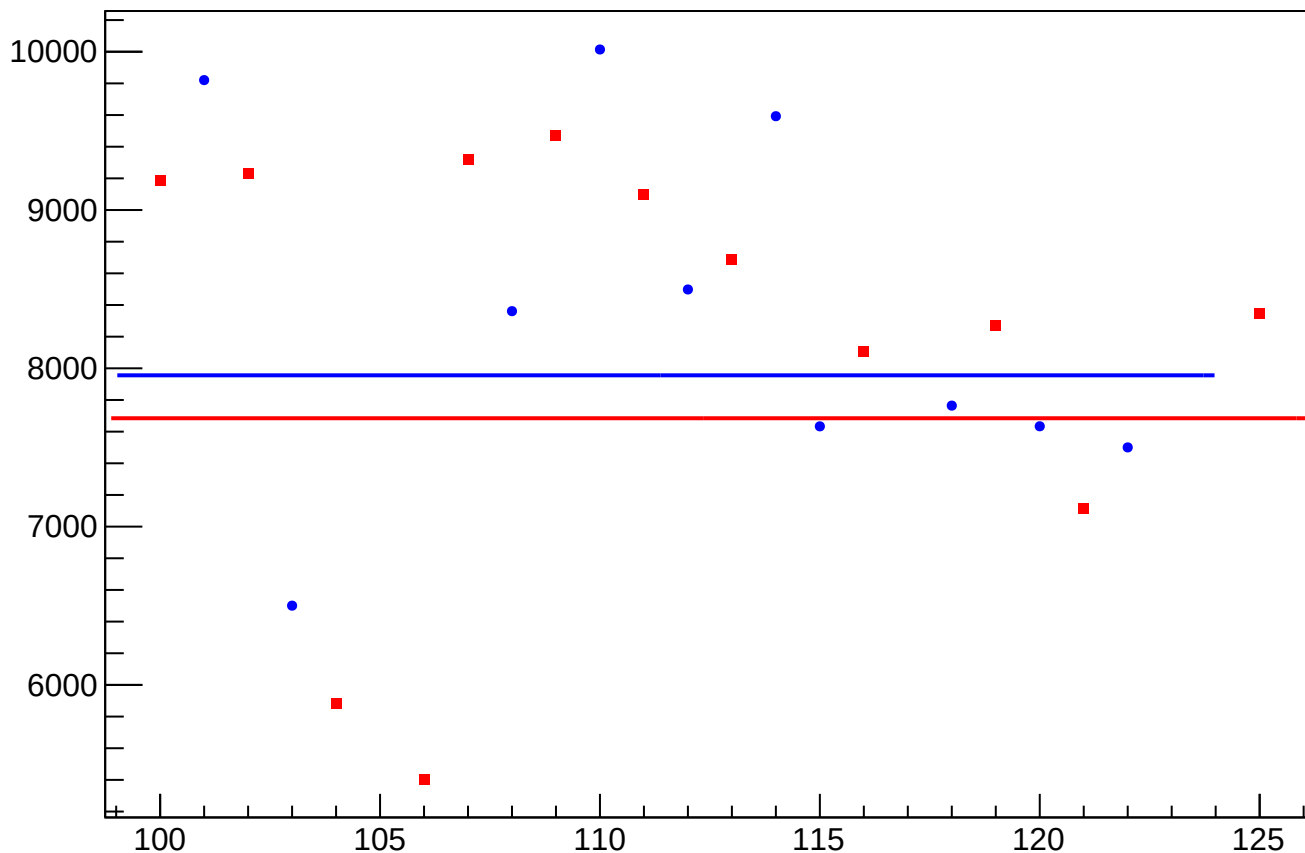
Right: -876.402+/-2657.690 χ^2/NDF : 22.0/21

In: -779.360+/-3975.575 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -876.402+/-2657.690 χ^2/NDF : 22.0/21

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: 7684.563+/-2.527 χ^2 /NDF: 331665.0/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

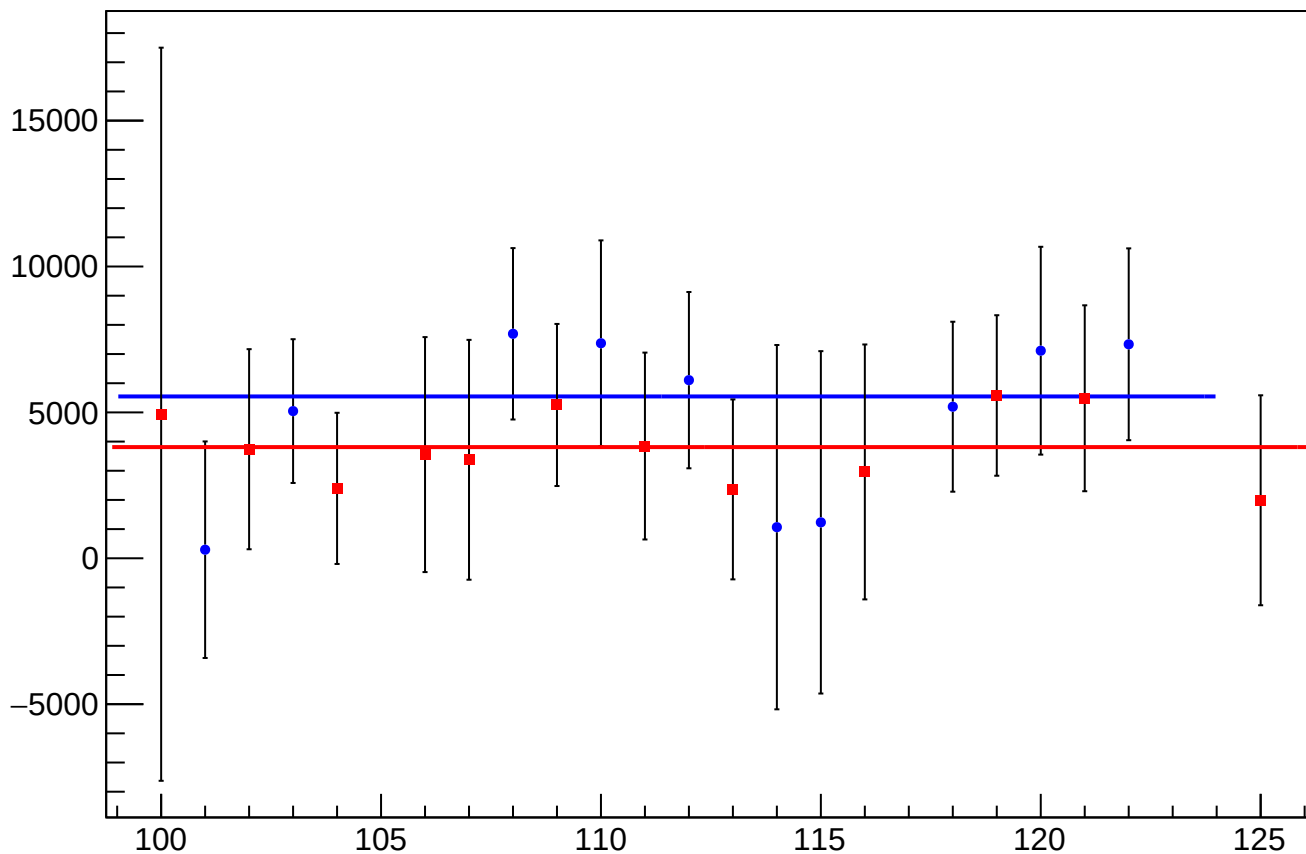
Right: 7805.772+/-1.879 χ^2 /NDF: 494180.9/21

In: 7955.786+/-2.811 χ^2 /NDF:157367.3/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 7805.772+/-1.879 χ^2 /NDF: 494180.9/21

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: 3810.802+/-974.097 χ^2/NDF : 1.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

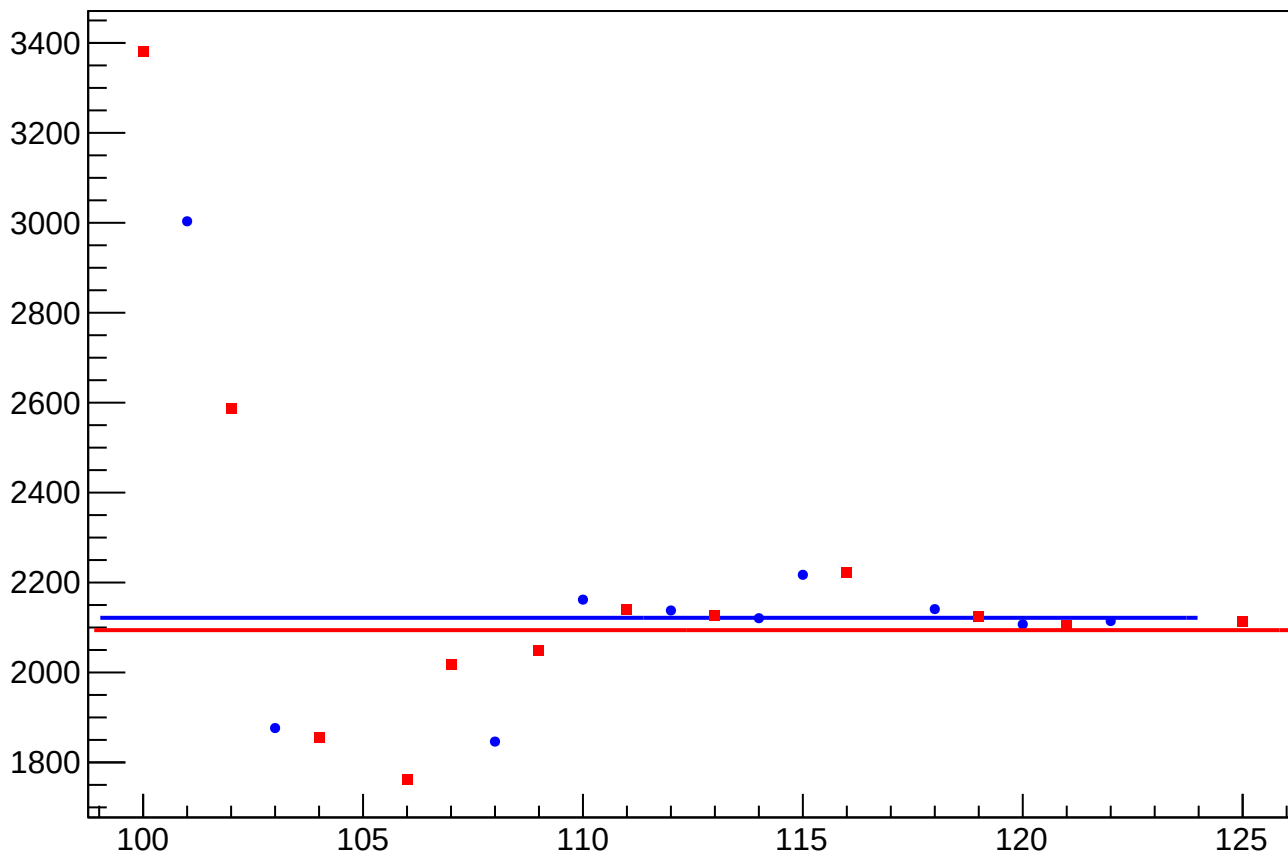
Right: 4604.333+/-717.733 χ^2/NDF : 7.7/21

In: 5546.825+/-1061.595 χ^2/NDF : 4.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4604.333+/-717.733 χ^2/NDF : 7.7/21

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: 2094.116+/-0.684 χ^2/NDF : 100098.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

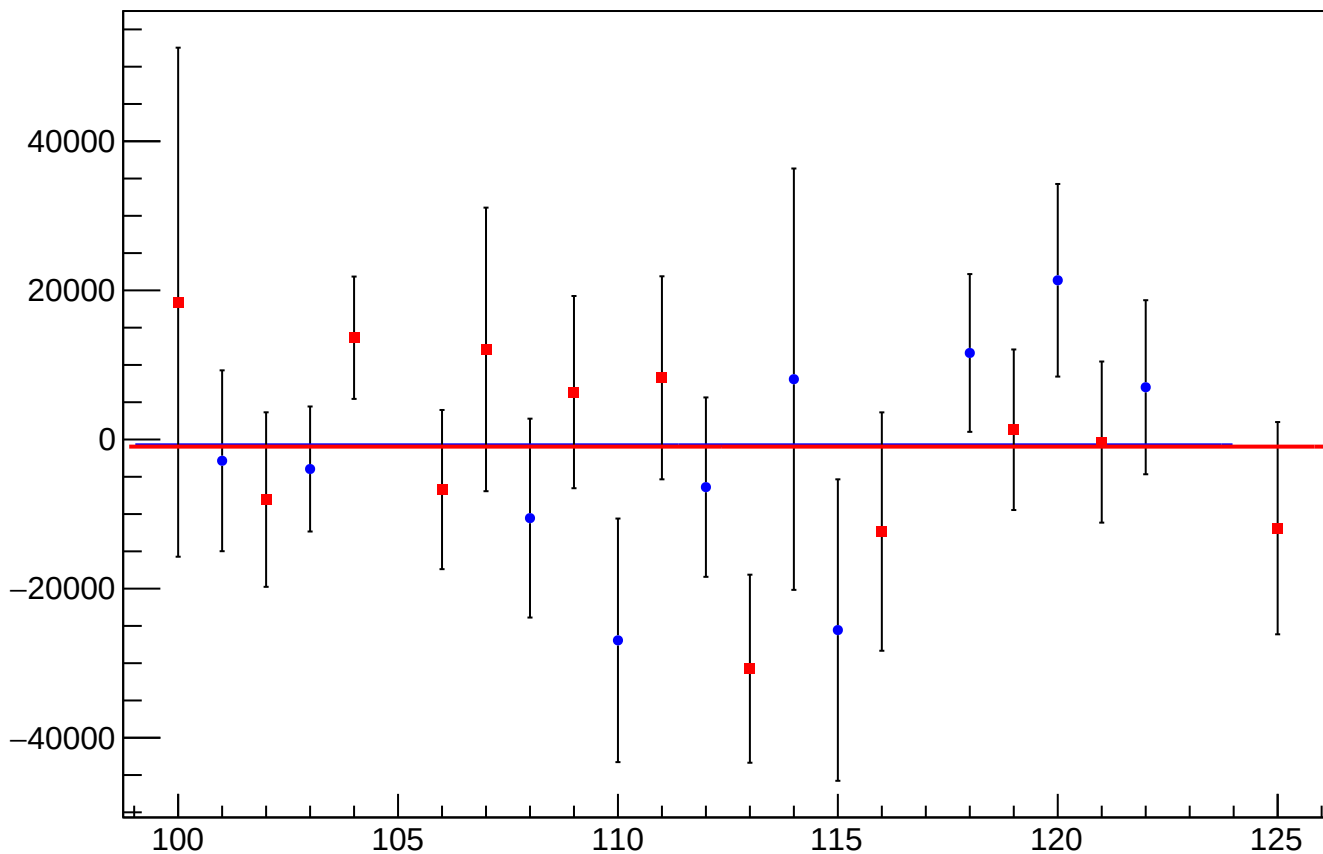
Right: 2106.568+/-0.506 χ^2/NDF : 252119.9/21

In: 2121.571+/-0.751 χ^2/NDF : 151290.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2106.568+/-0.506 χ^2/NDF : 252119.9/21

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: -954.811+/-3573.567 χ^2/NDF : 12.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

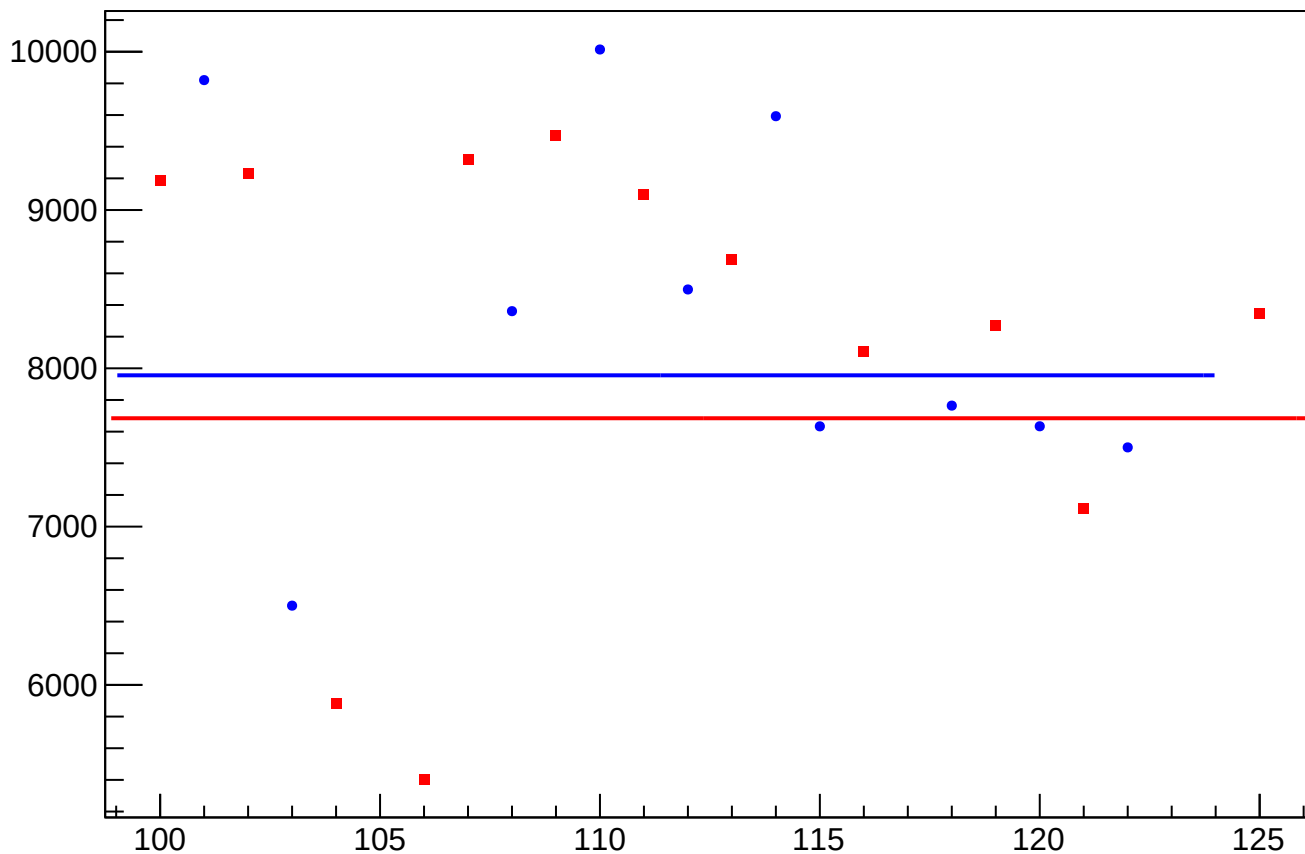
Right: -876.402+/-2657.690 χ^2/NDF : 22.0/21

In: -779.360+/-3975.575 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -876.402+/-2657.690 χ^2/NDF : 22.0/21

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: 7684.563+/-2.527 χ^2/NDF : 331665.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

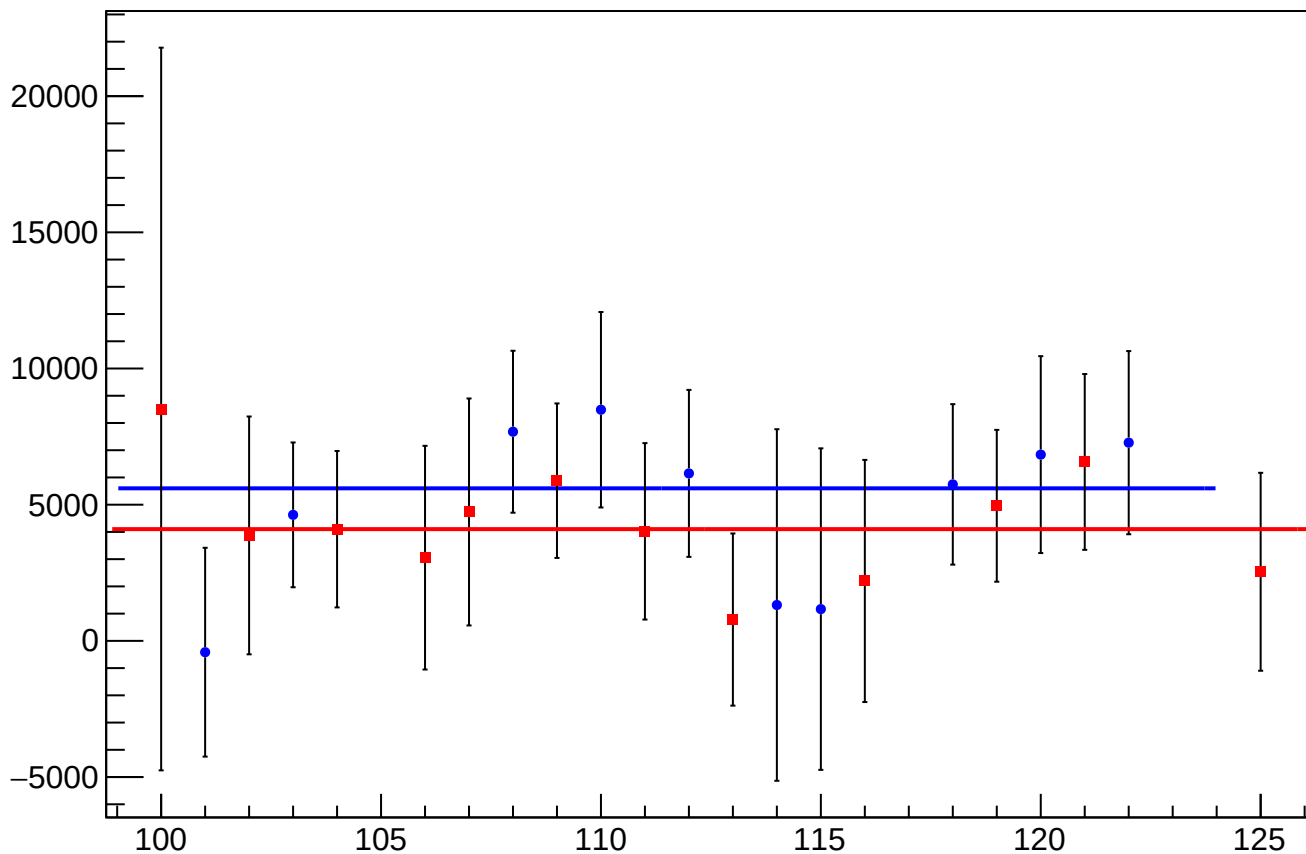
Right: 7805.772+/-1.879 χ^2/NDF : 494180.9/21

In: 7955.786+/-2.811 χ^2/NDF : 157367.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7805.772+/-1.879 χ^2/NDF : 494180.9/21

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: 4102.725+/-1016.896 χ^2/NDF : 2.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

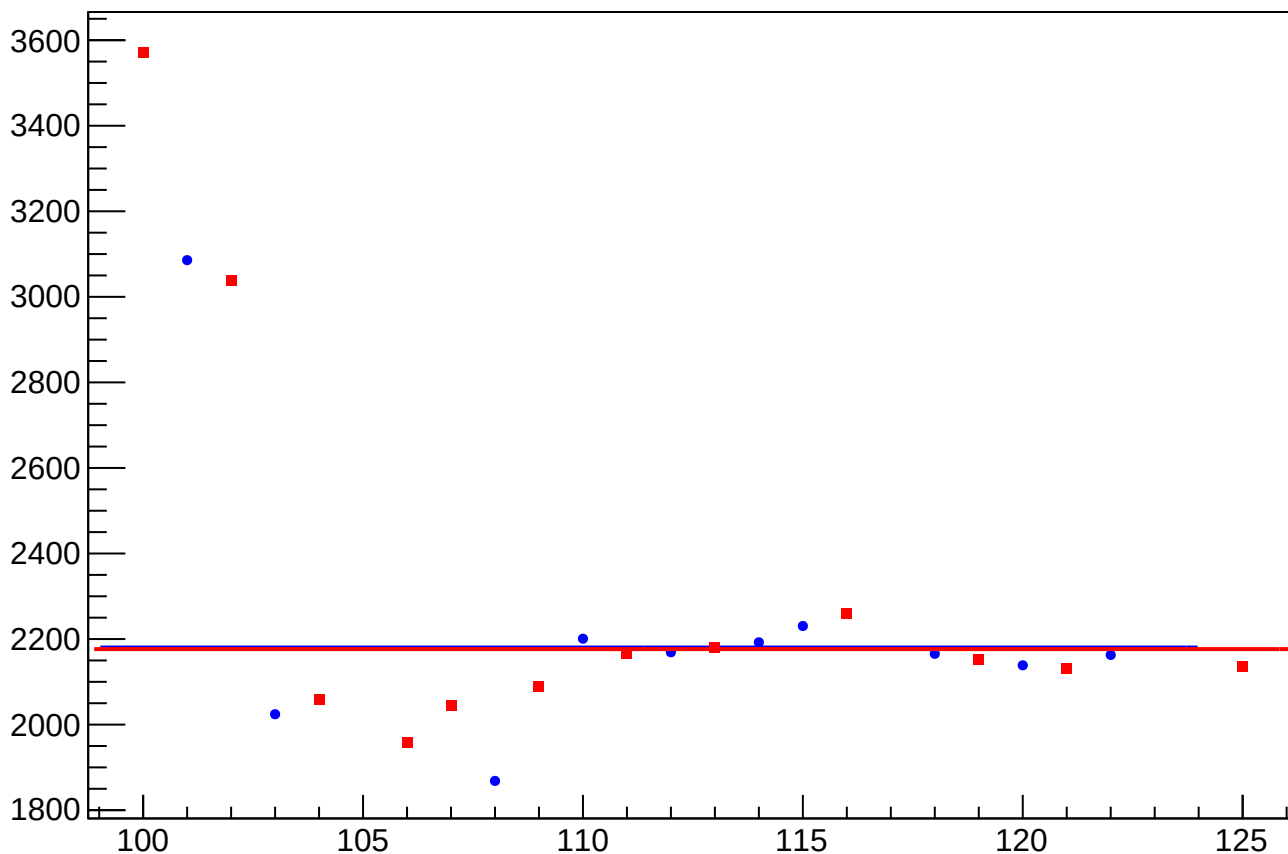
Right: 4798.943+/-743.958 χ^2/NDF : 8.9/21

In: 5600.720+/-1091.266 χ^2/NDF : 5.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4798.943+/-743.958 χ^2/NDF : 8.9/21

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: 2176.503+/-0.718 χ^2/NDF : 114814.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

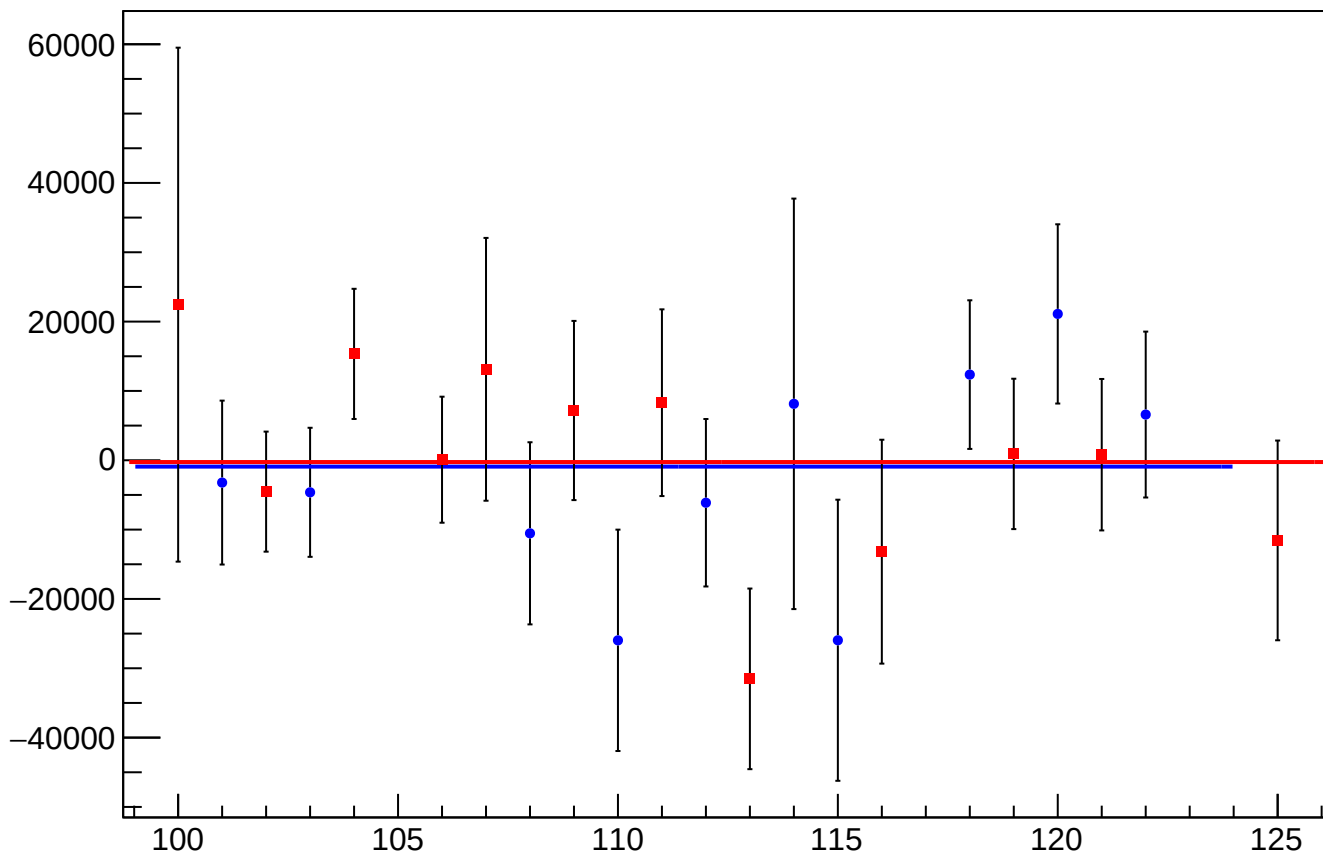
Right: 2178.231+/-0.526 χ^2/NDF : 255923.9/21

In: 2180.225+/-0.772 χ^2/NDF : 141097.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2178.231+/-0.526 χ^2/NDF : 255923.9/21

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: -255.214+/-3465.742 χ^2/NDF : 11.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

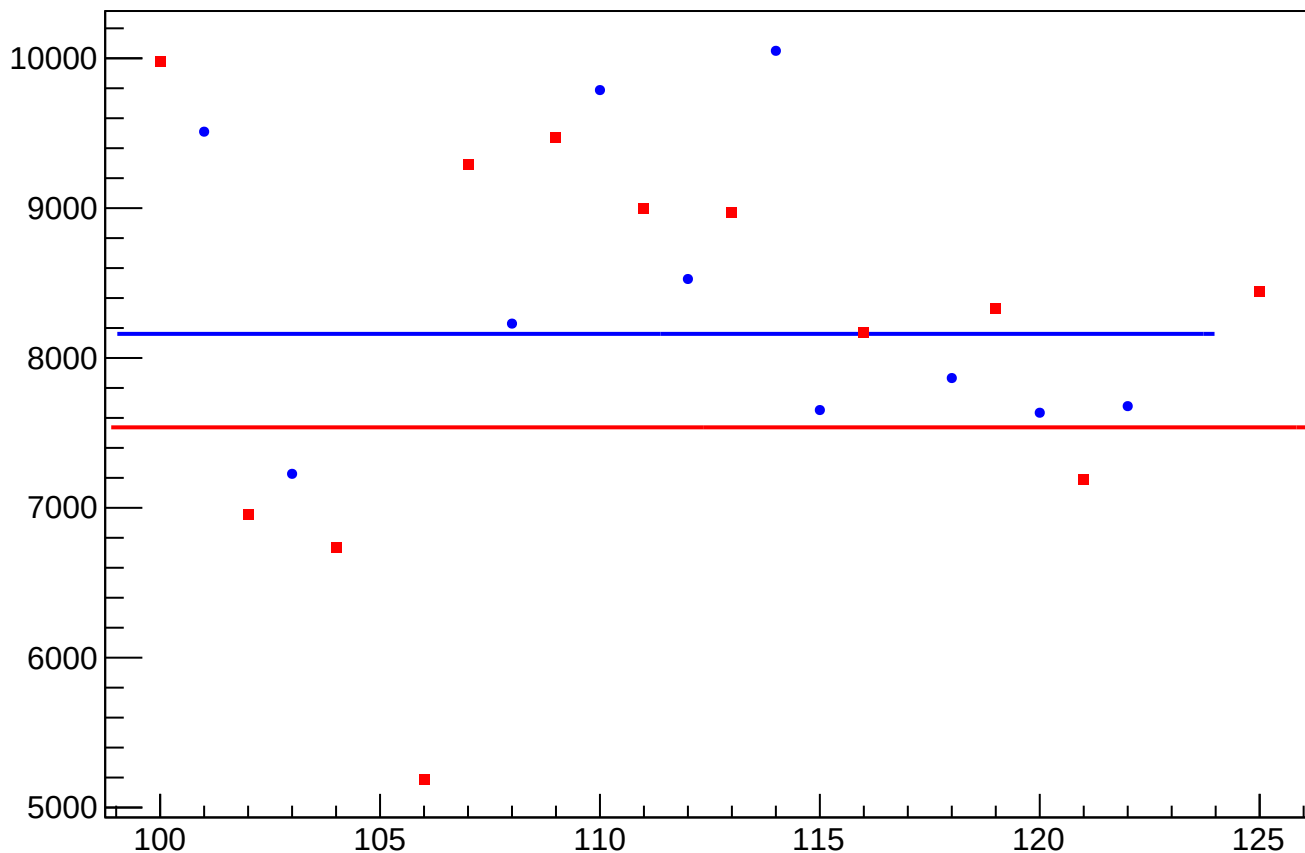
Right: -532.682+/-2637.197 χ^2/NDF : 21.5/21

In: -914.313+/-4064.540 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -532.682+/-2637.197 χ^2/NDF : 21.5/21

asym_us_avg_at2lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 8160.943 $\pm$ 2.874 χ^2 /NDF: 86356.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 7537.140 $\pm$ 2.451 χ^2 /NDF: 299613.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

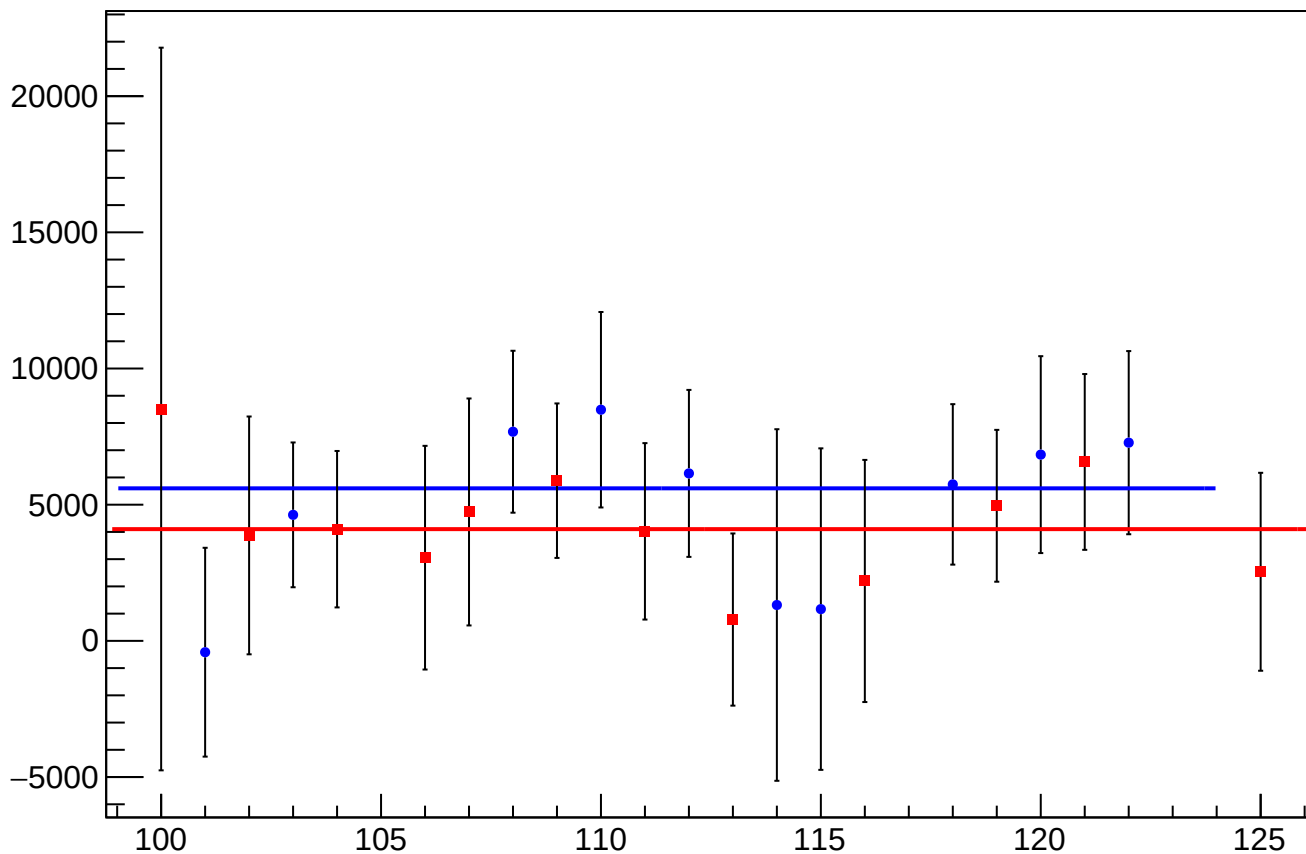
Right: 7799.749 $\pm$ 1.865 χ^2 /NDF: 413247.4/21

In: 8160.943 $\pm$ 2.874 χ^2 /NDF:86356.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 7799.749 $\pm$ 1.865 χ^2 /NDF: 413247.4/21

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: 4102.738+/-1016.895 χ^2/NDF : 2.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

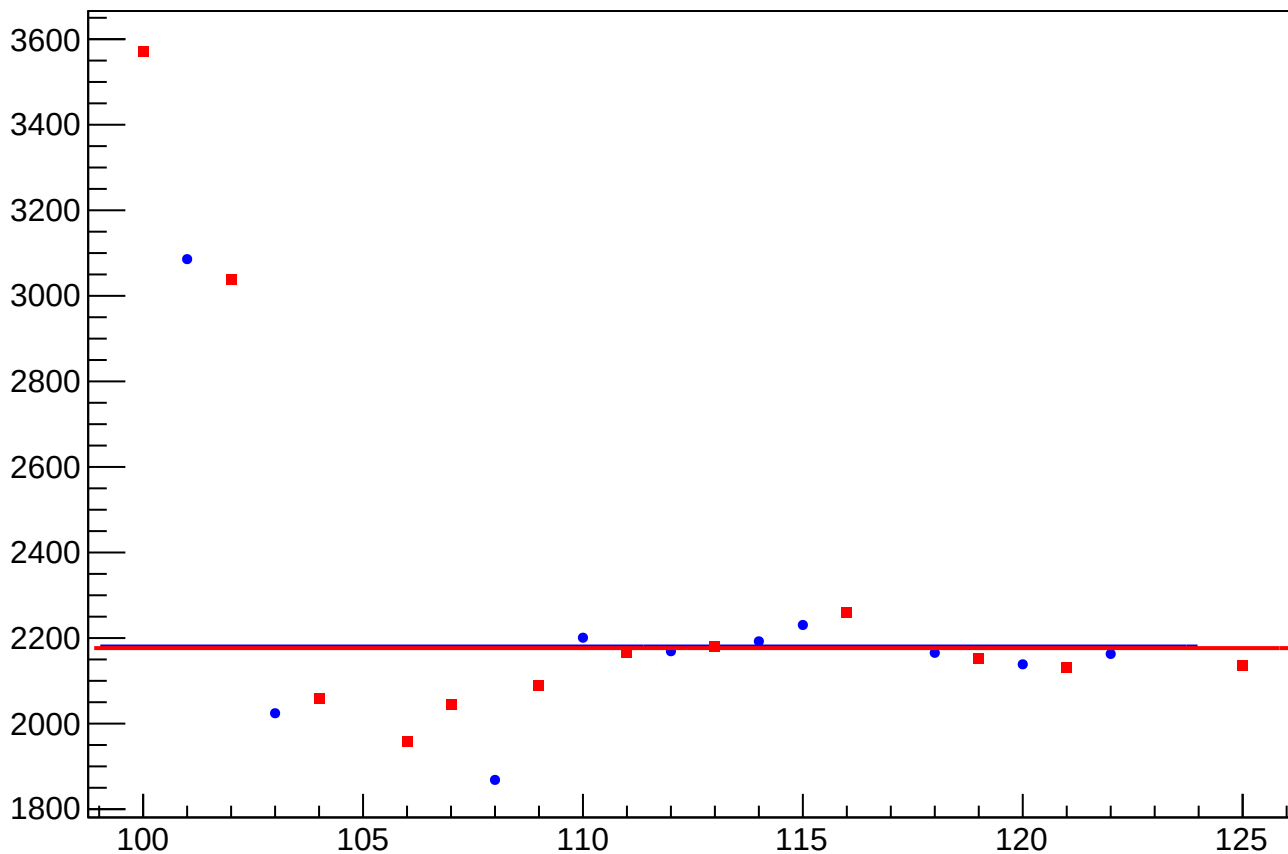
Right: 4798.946+/-743.957 χ^2/NDF : 8.9/21

In: 5600.711+/-1091.266 χ^2/NDF : 5.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4798.946+/-743.957 χ^2/NDF : 8.9/21

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: 2176.502+/-0.718 χ^2/NDF : 114813.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

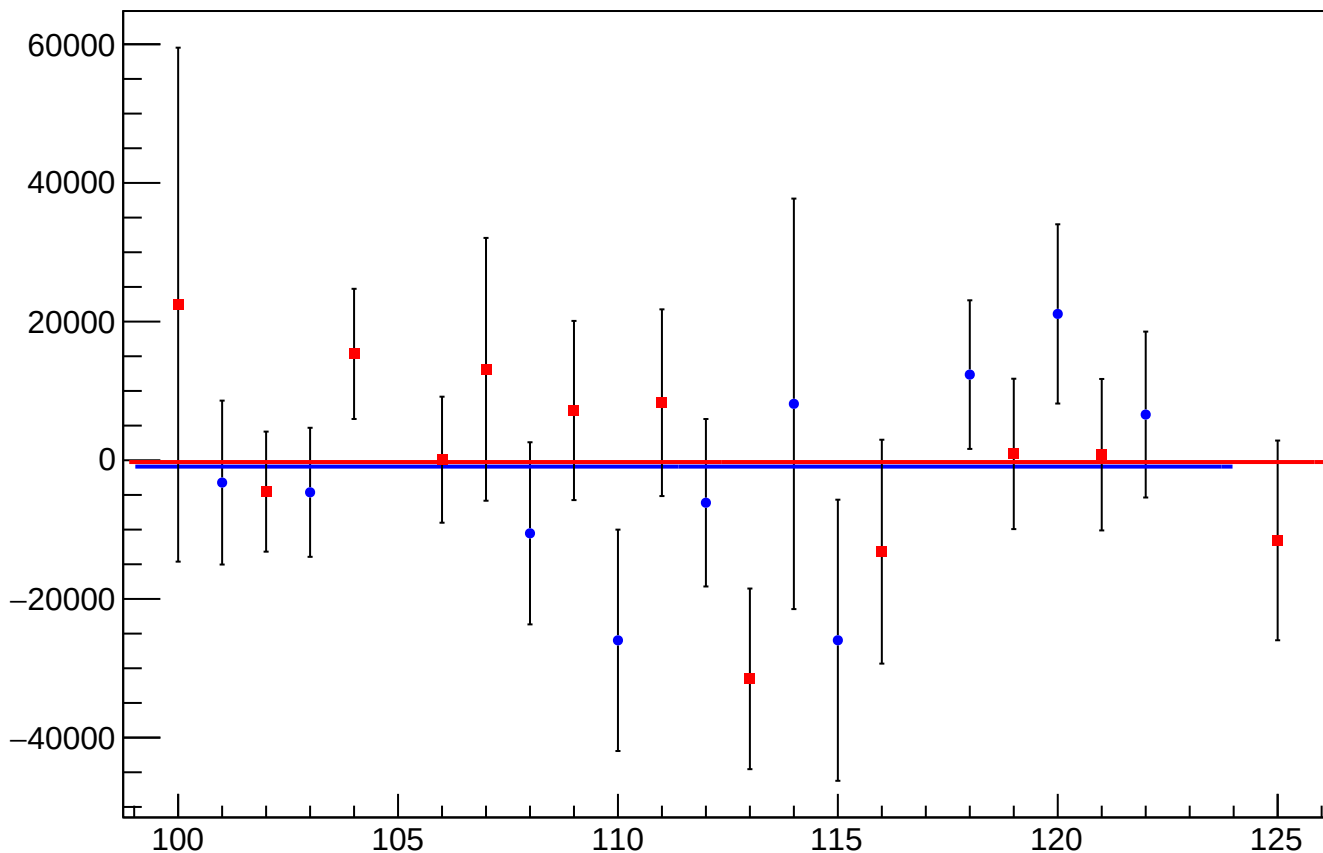
Right: 2178.231+/-0.526 χ^2/NDF : 255923.7/21

In: 2180.224+/-0.772 χ^2/NDF : 141097.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2178.231+/-0.526 χ^2/NDF : 255923.7/21

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: -255.208+/-3465.733 χ^2/NDF : 11.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

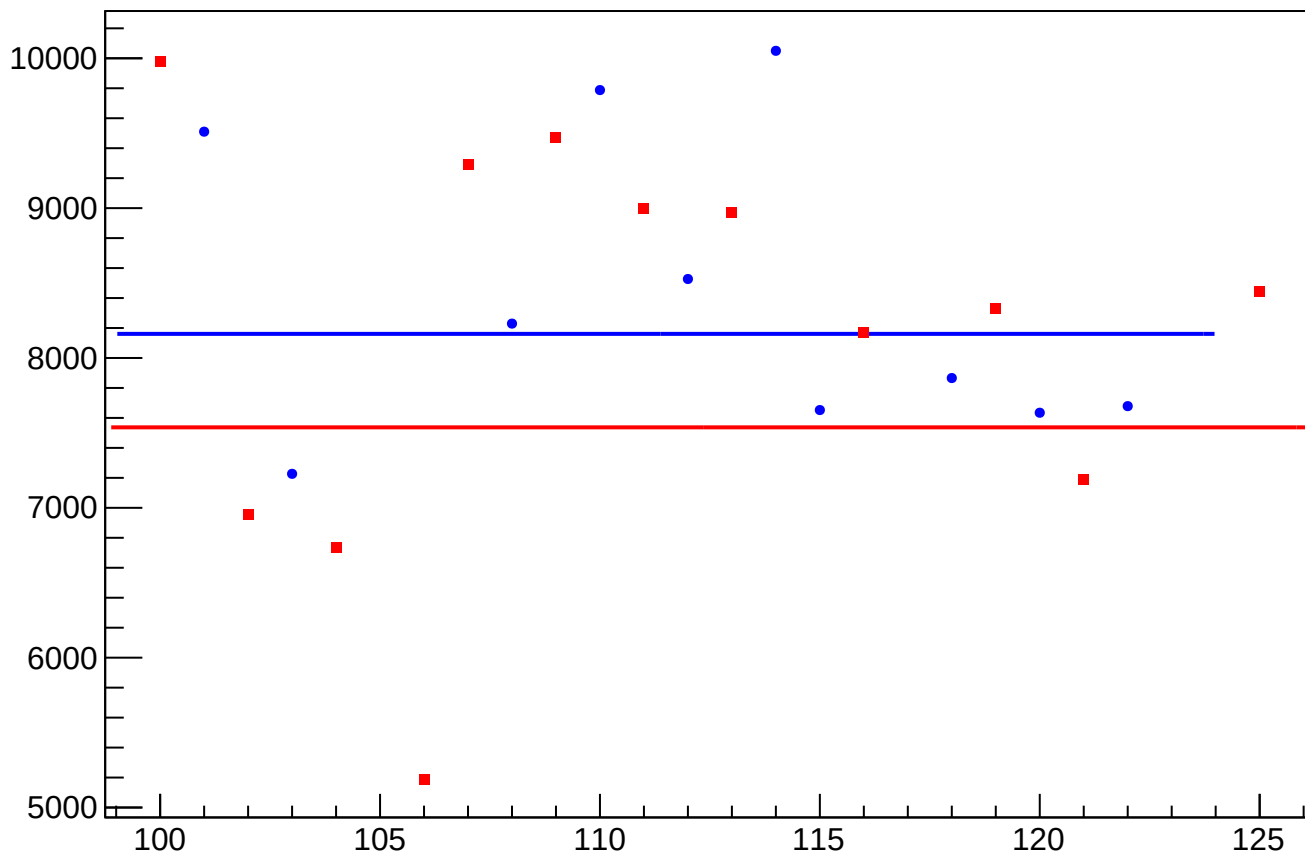
Right: -532.671+/-2637.191 χ^2/NDF : 21.5/21

In: -914.295+/-4064.529 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -532.671+/-2637.191 χ^2/NDF : 21.5/21

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 8160.919 $\pm$ 2.874 χ^2 /NDF: 86357.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7537.123 $\pm$ 2.451 χ^2 /NDF: 299611.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

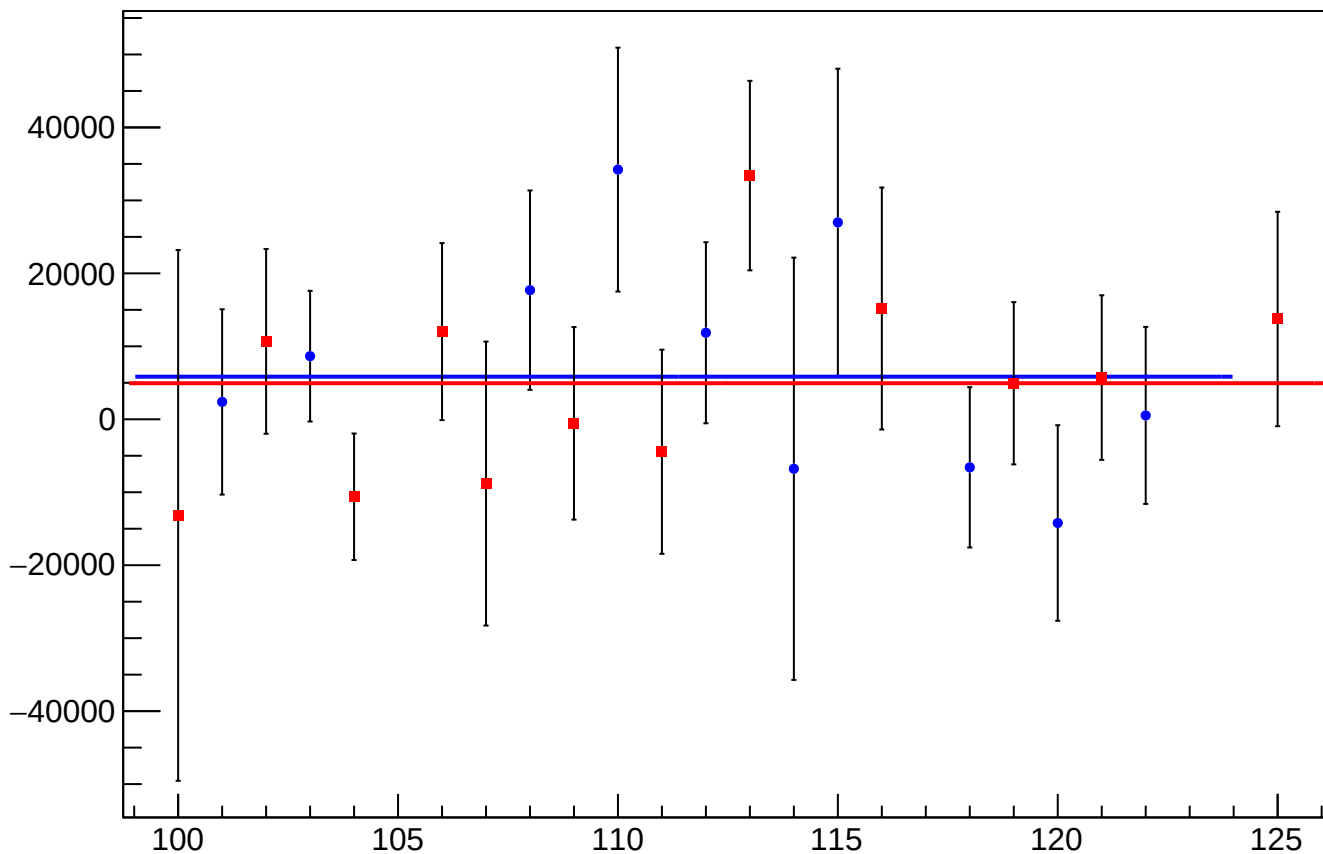
Right: 7799.730 $\pm$ 1.865 χ^2 /NDF: 413245.5/21

In: 8160.919 $\pm$ 2.874 χ^2 /NDF: 86357.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7799.730 $\pm$ 1.865 χ^2 /NDF: 413245.5/21

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: 4942.216+/-3759.867 χ^2/NDF : 10.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

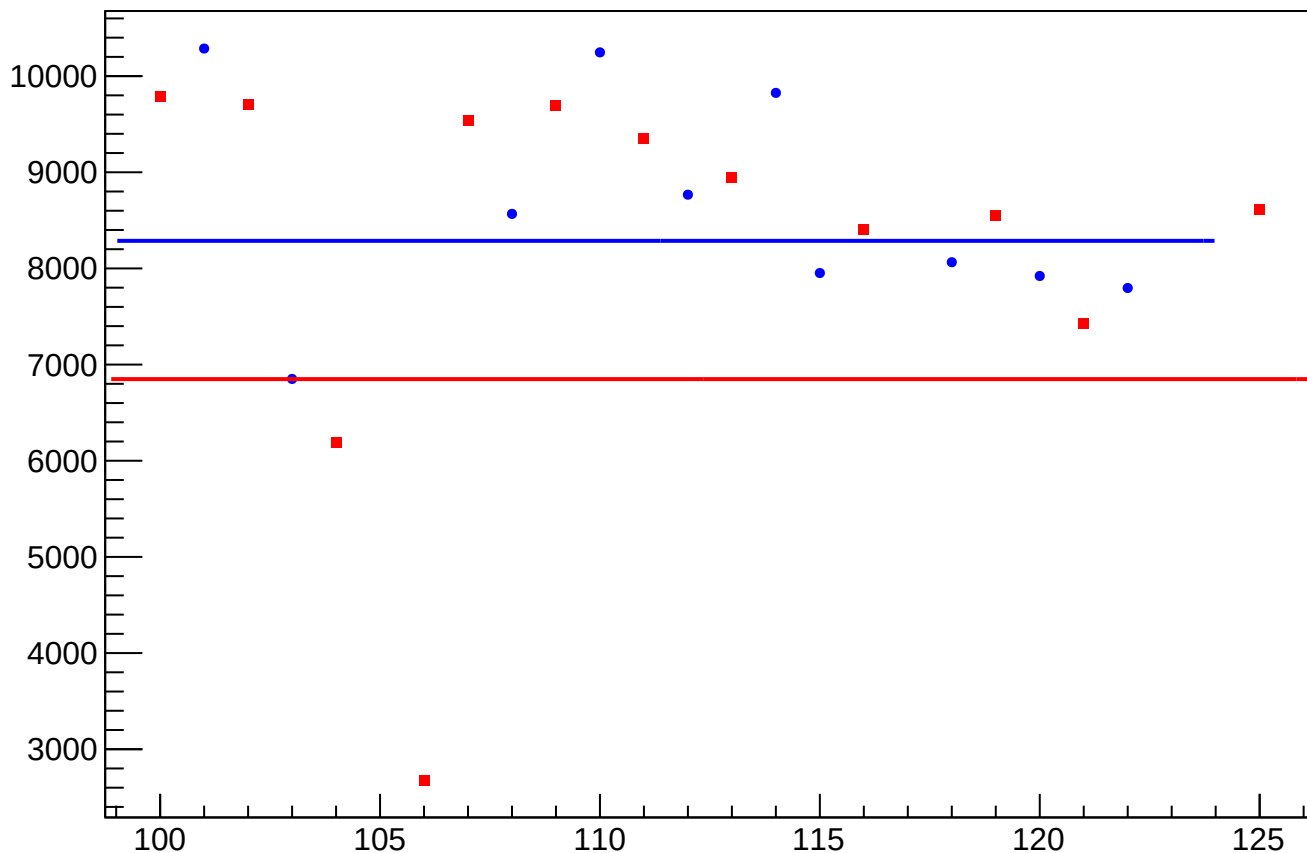
Right: 5345.563+/-2784.960 χ^2/NDF : 19.7/21

In: 5835.854+/-4145.344 χ^2/NDF : 9.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5345.563+/-2784.960 χ^2/NDF : 19.7/21

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: 6849.215+/-2.411 χ^2 /NDF: 1241464.0/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

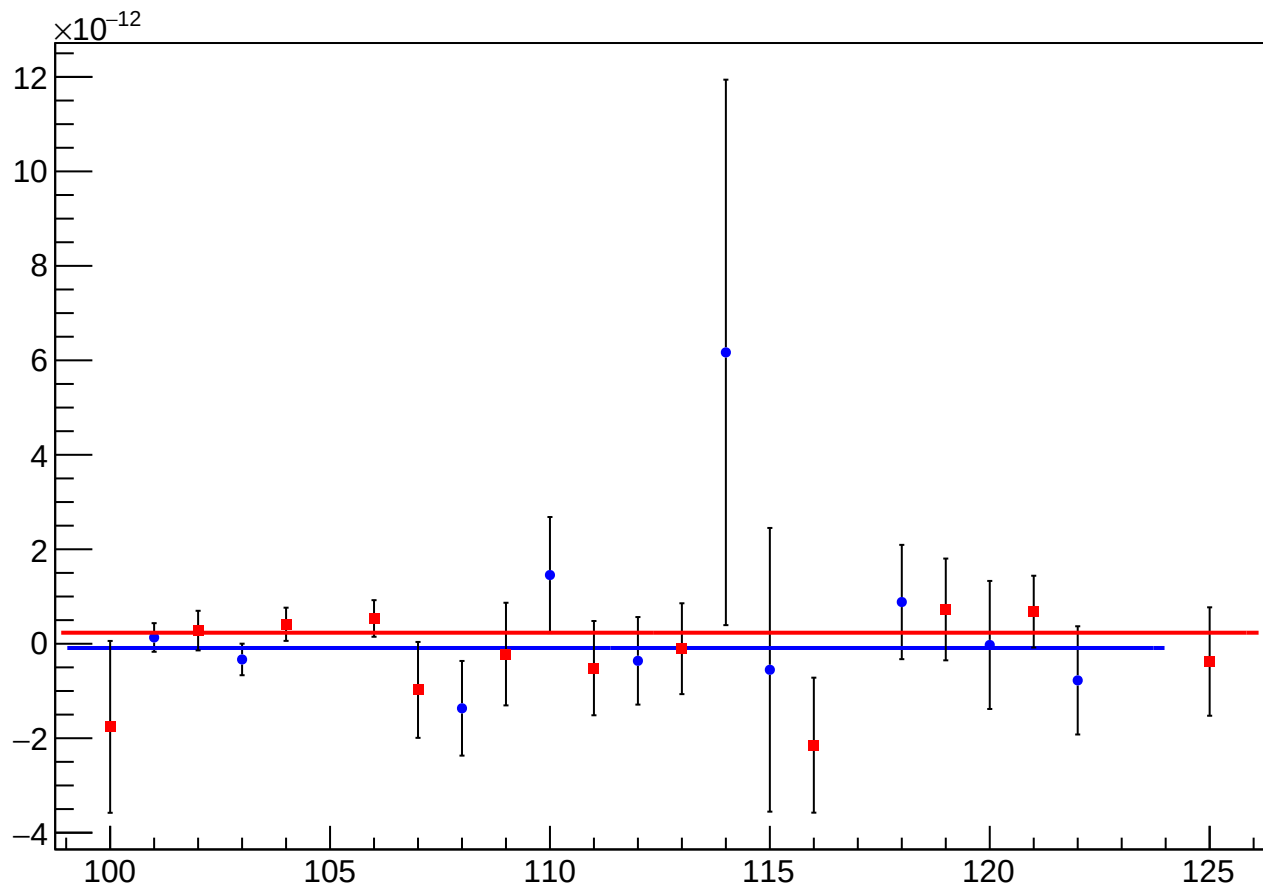
Right: 7429.424+/-1.862 χ^2 /NDF: 1529070.5/21

In: 8286.967+/-2.931 χ^2 /NDF:144102.2/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 7429.424+/-1.862 χ^2 /NDF: 1529070.5/21

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: 8.0/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

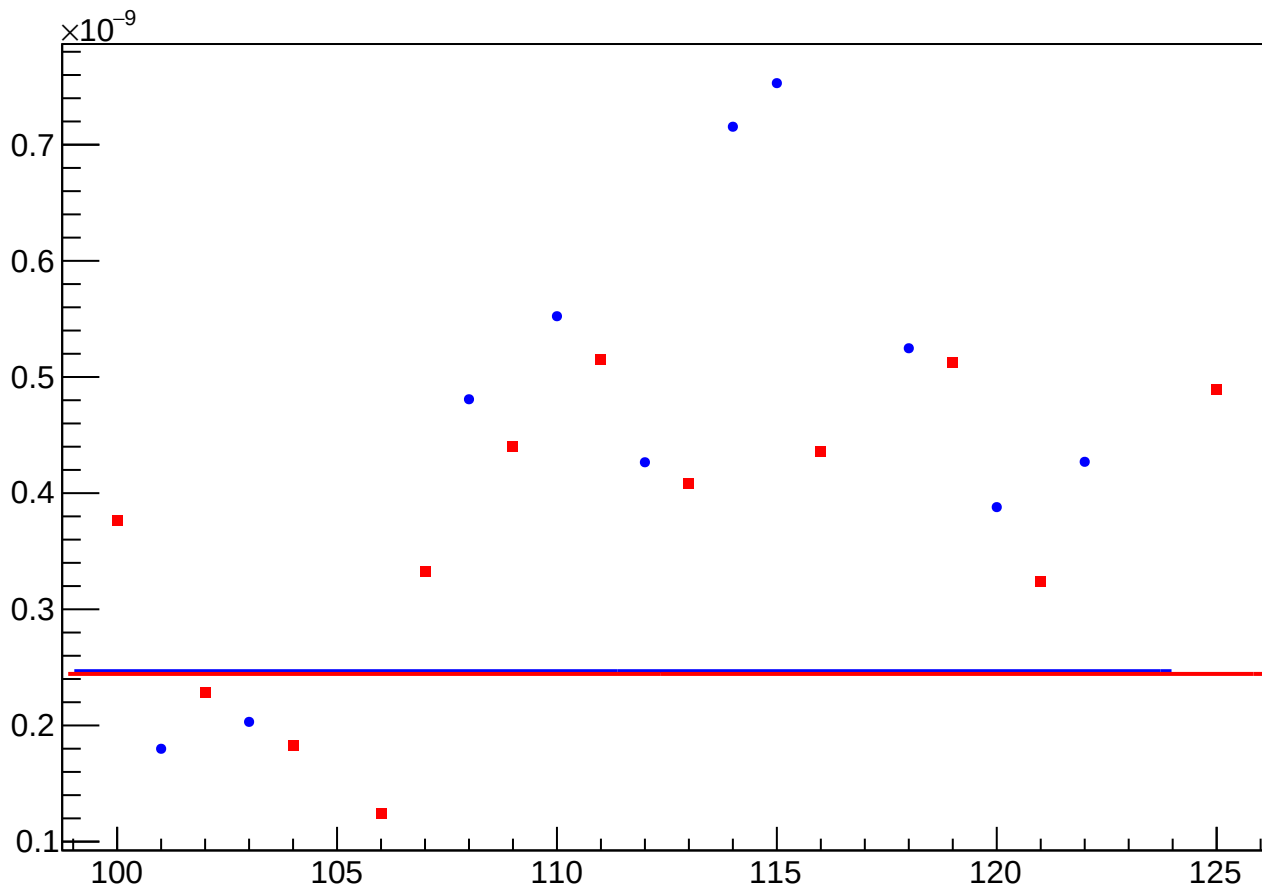
Right: 0.000+/-0.000 χ^2 /NDF: 15.9/21

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: 15.9/21

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 : 825423.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

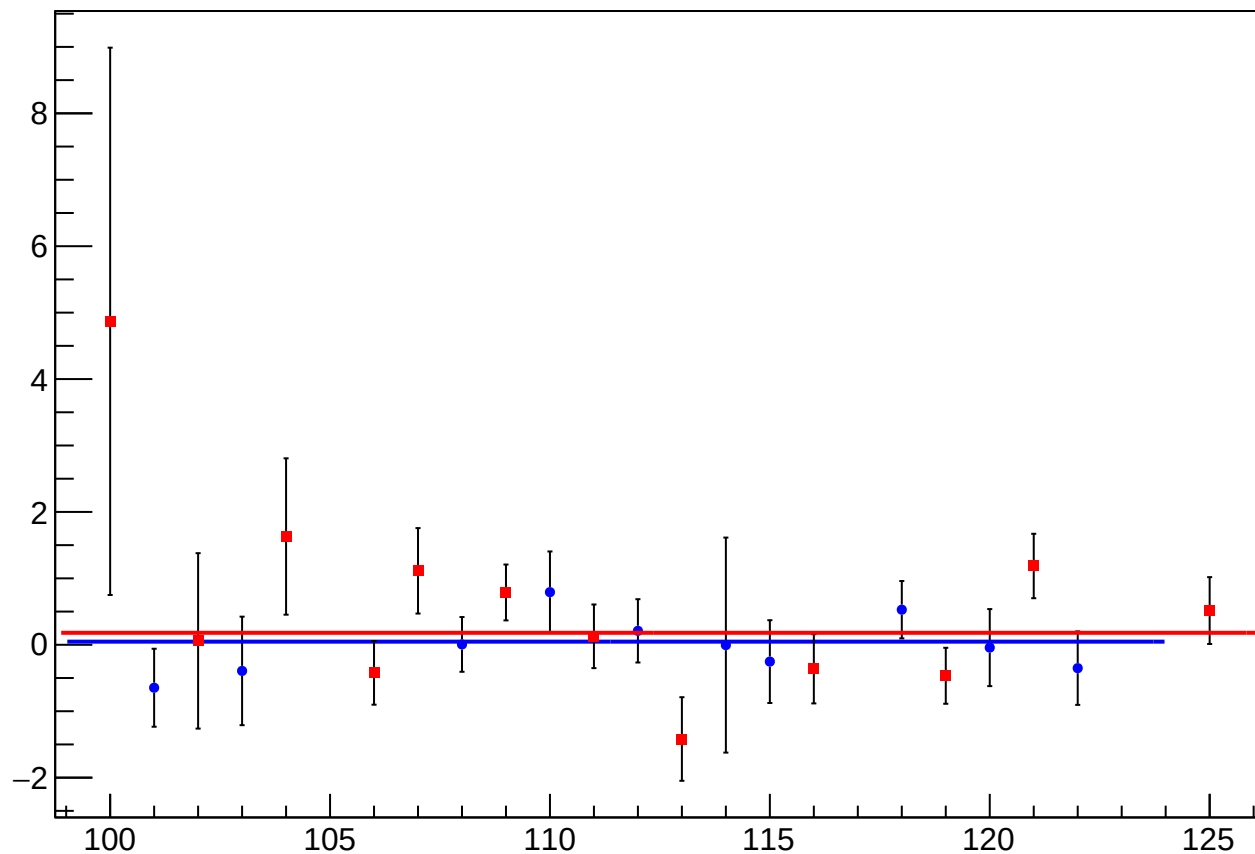
Right: 0.000+/-0.000 χ^2/NDF : 1512221.0/21

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 : 1512221.0/21

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: 0.181+/-0.162 χ^2/NDF : 23.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

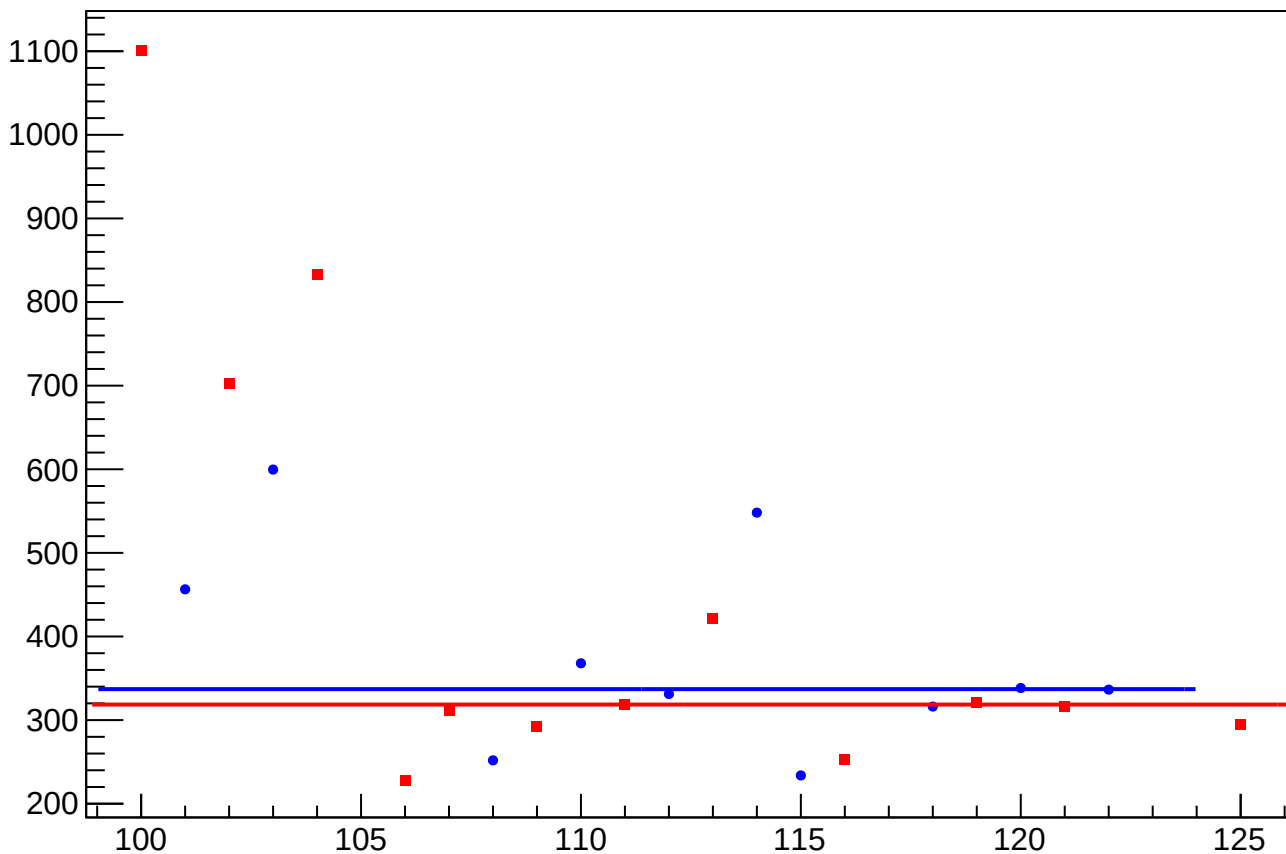
Right: 0.120+/-0.119 χ^2/NDF : 28.9/21

In: 0.047+/-0.177 χ^2/NDF :5.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.120+/-0.119 χ^2/NDF : 28.9/21

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: 318.586+/-0.114 χ^2/NDF : 793635.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

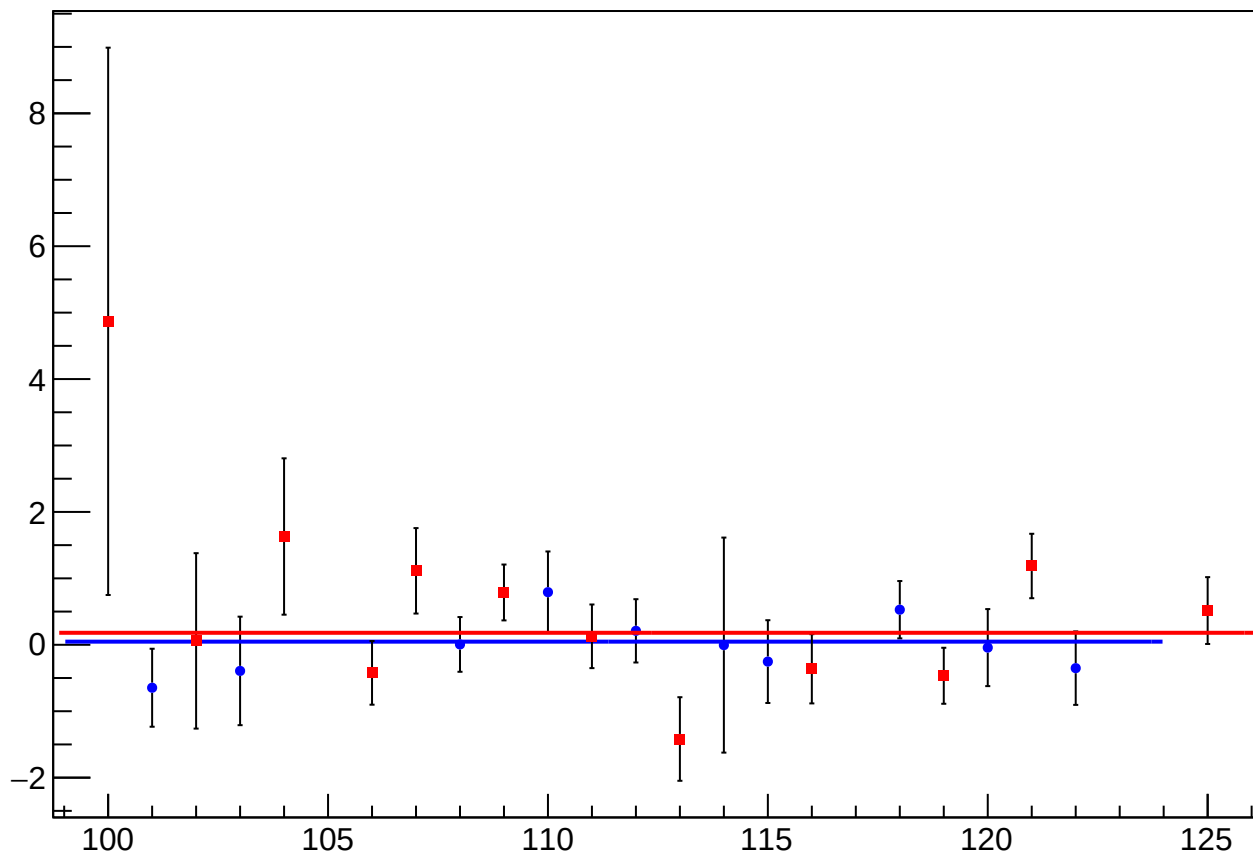
Right: 326.984+/-0.084 χ^2/NDF : 1279540.1/21

In: 337.028+/-0.125 χ^2/NDF : 474075.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 326.984+/-0.084 χ^2/NDF : 1279540.1/21

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: 0.181+/-0.162 χ^2/NDF : 23.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

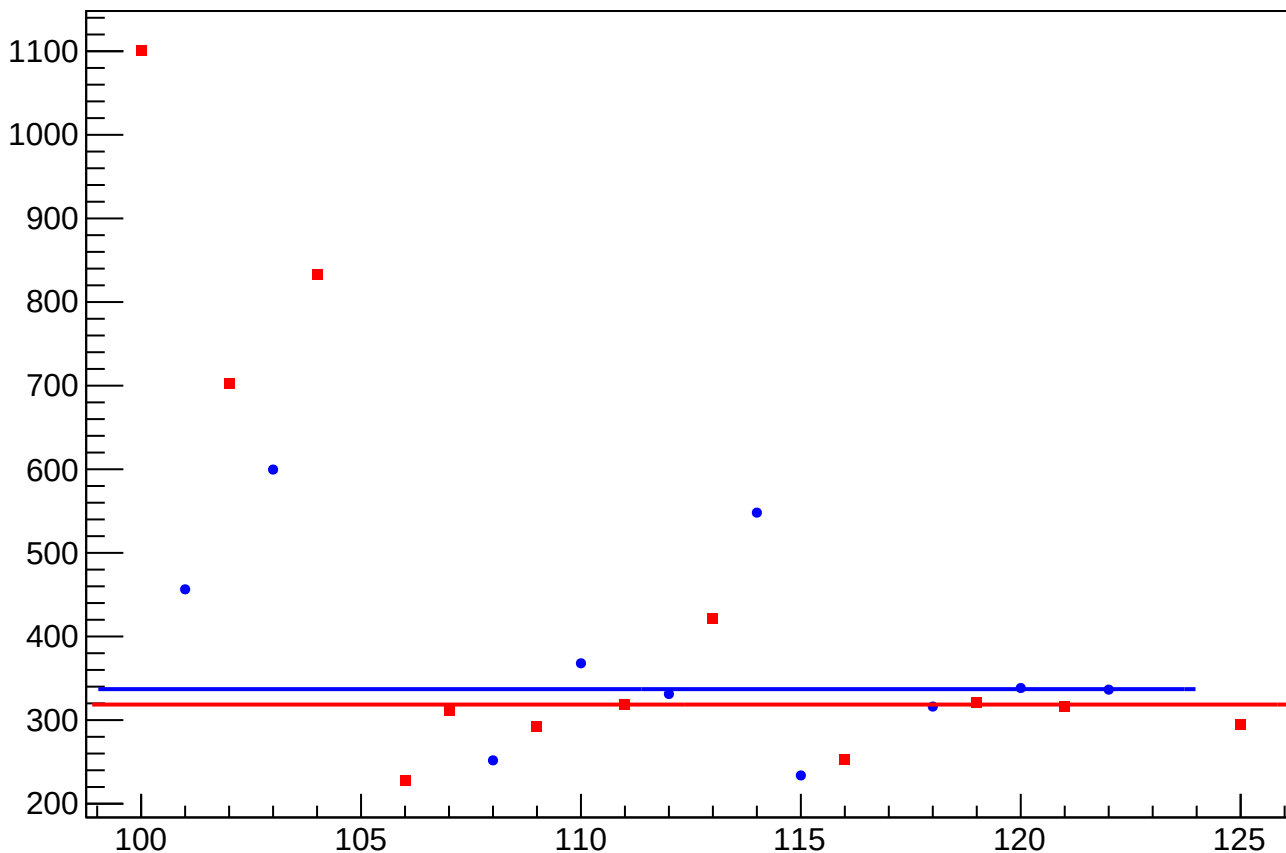
Right: 0.120+/-0.119 χ^2/NDF : 28.9/21

In: 0.047+/-0.177 χ^2/NDF : 5.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.120+/-0.119 χ^2/NDF : 28.9/21

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: 318.586+/-0.114 χ^2/NDF : 793635.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

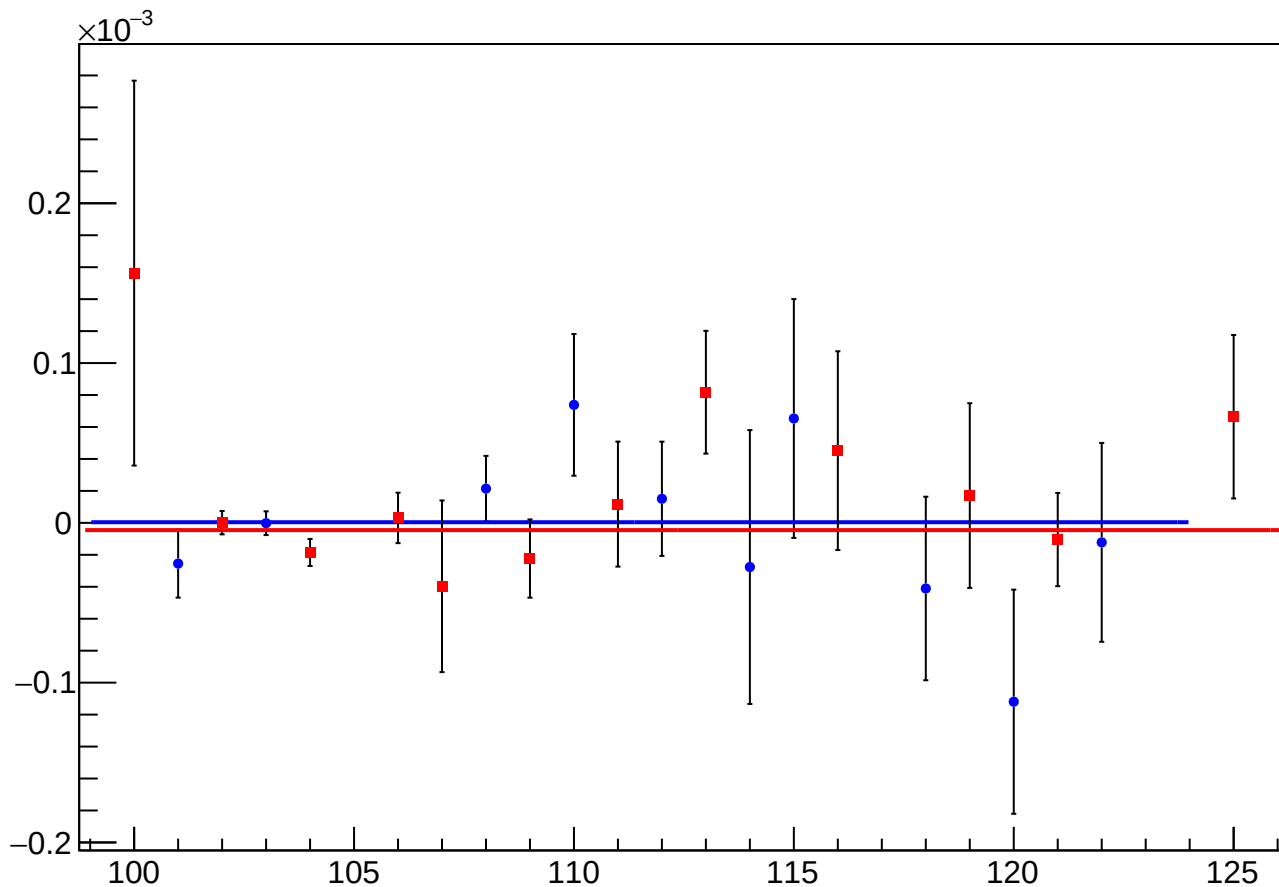
Right: 326.984+/-0.084 χ^2/NDF : 1279540.1/21

In: 337.028+/-0.125 χ^2/NDF : 474075.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 326.984+/-0.084 χ^2/NDF : 1279540.1/21

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

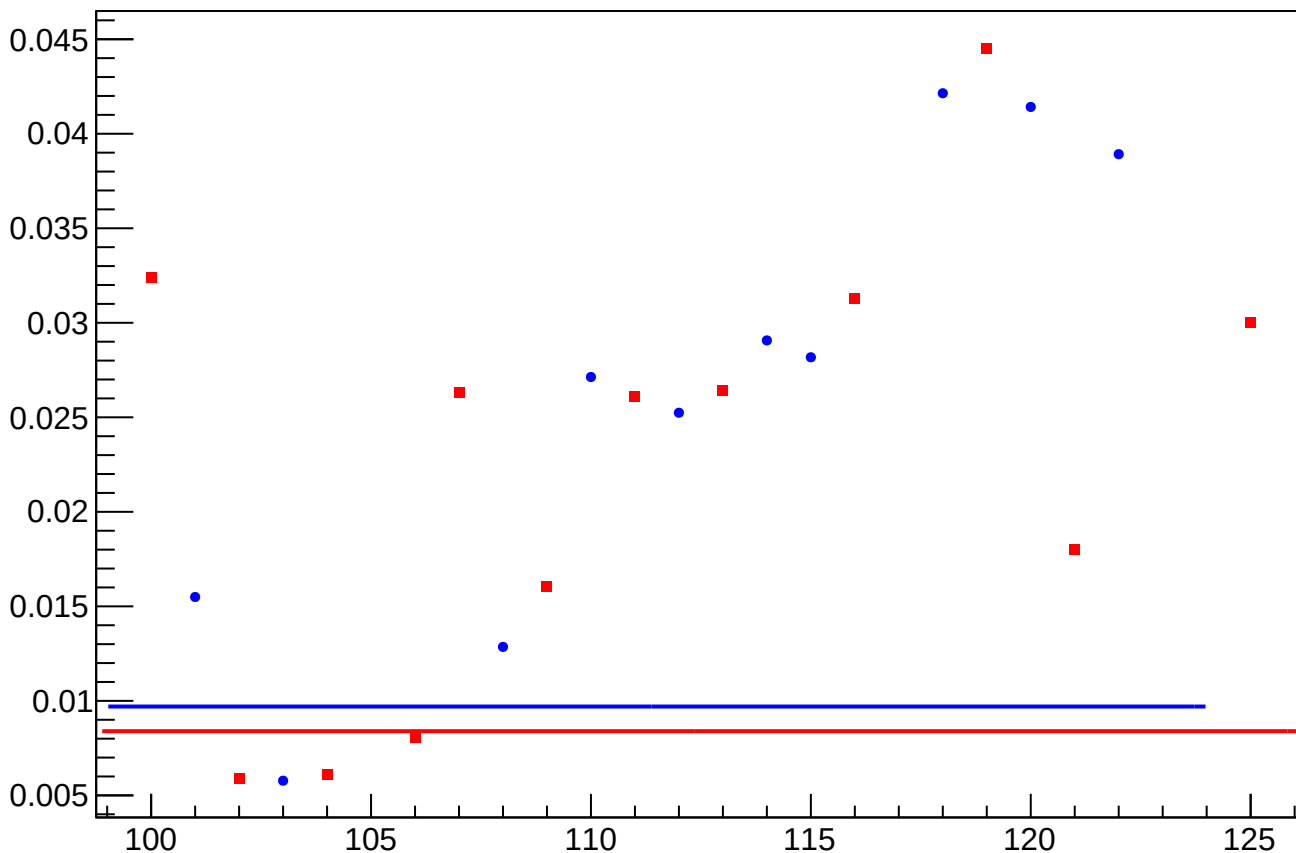
Right: -0.000+/-0.000 χ^2/NDF : 23.9/21

In: 0.000+/-0.000 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.9/21

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 : 3363040.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

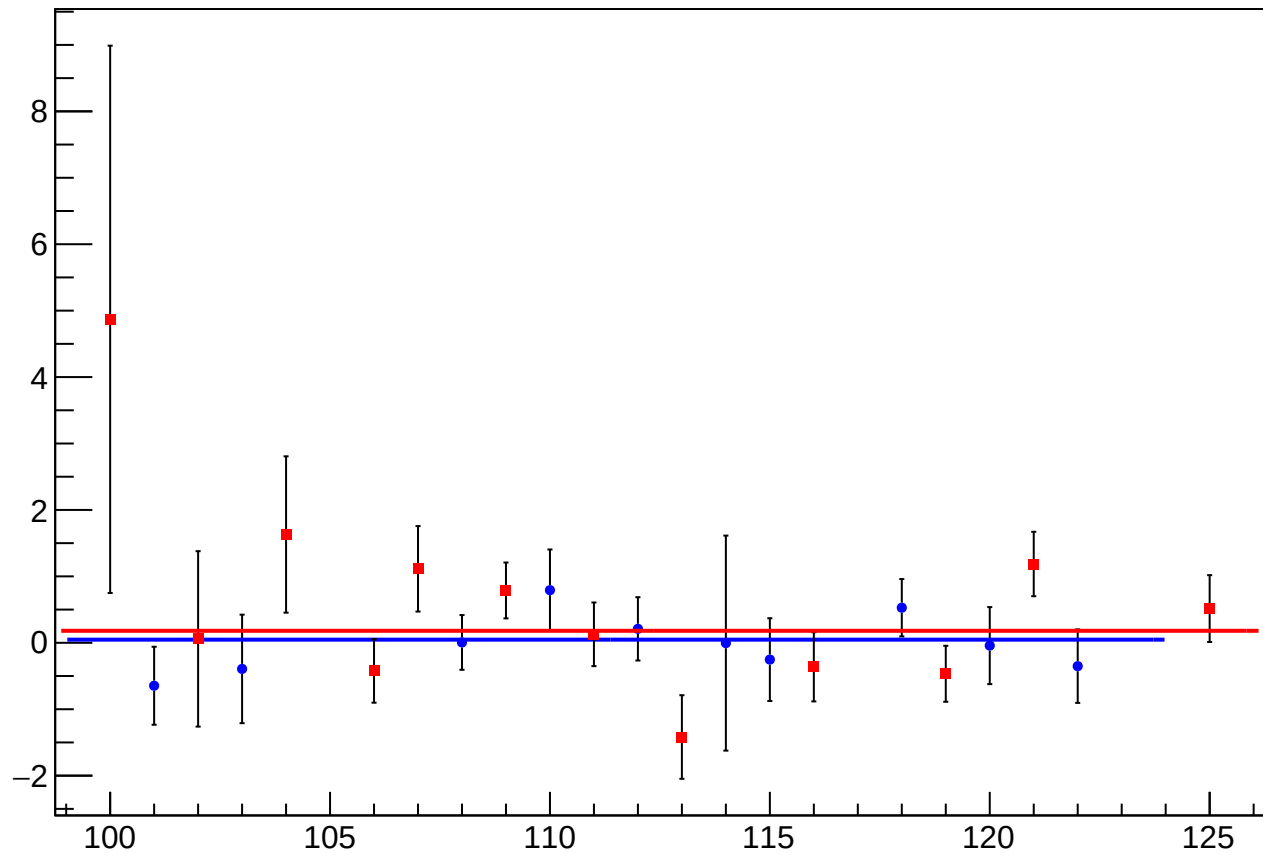
Right: 0.009+/-0.000 χ^2/NDF : 6569925.5/21

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 : 6569925.5/21

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: 0.181+/-0.162 χ^2/NDF : 23.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

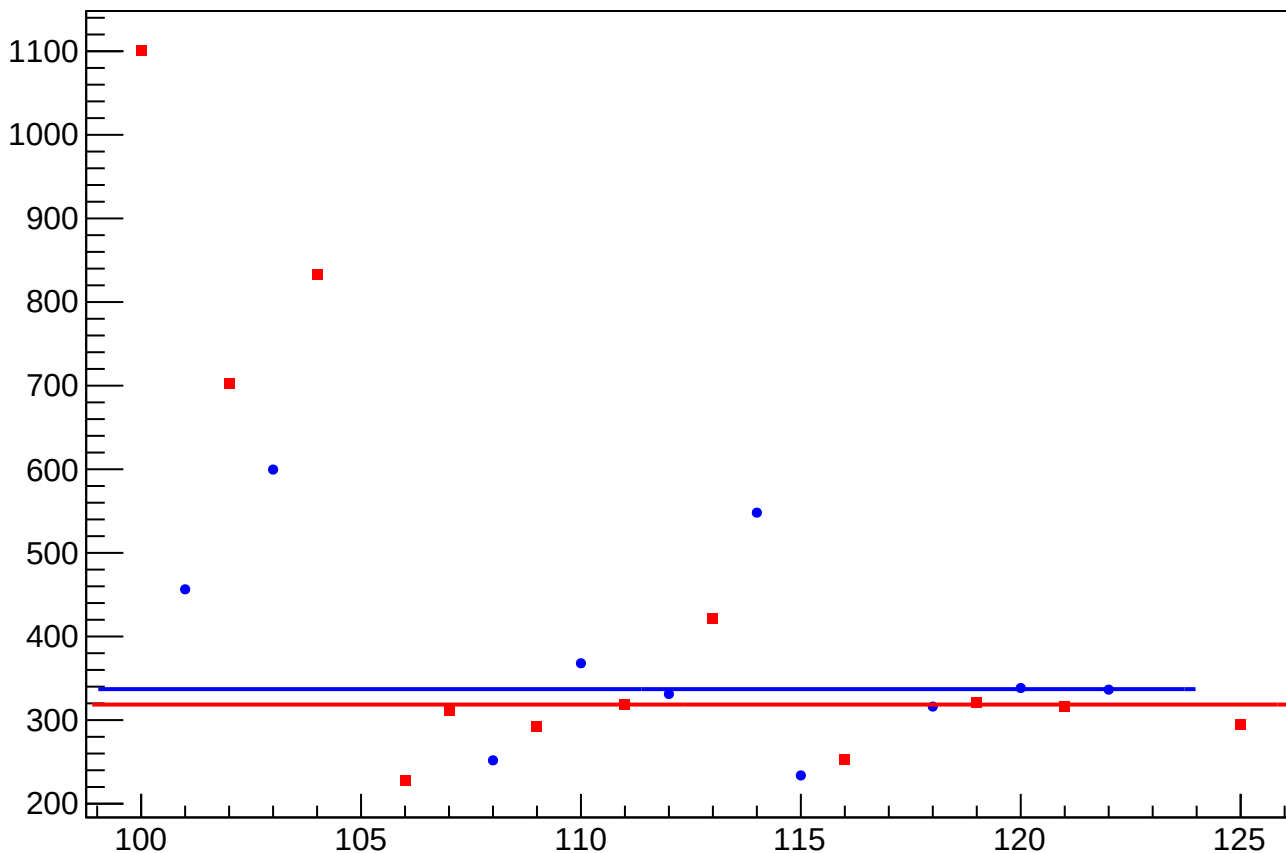
Right: 0.120+/-0.119 χ^2/NDF : 28.9/21

In: 0.047+/-0.177 χ^2/NDF : 5.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.120+/-0.119 χ^2/NDF : 28.9/21

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: 318.586+/-0.114 χ^2/NDF : 793621.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

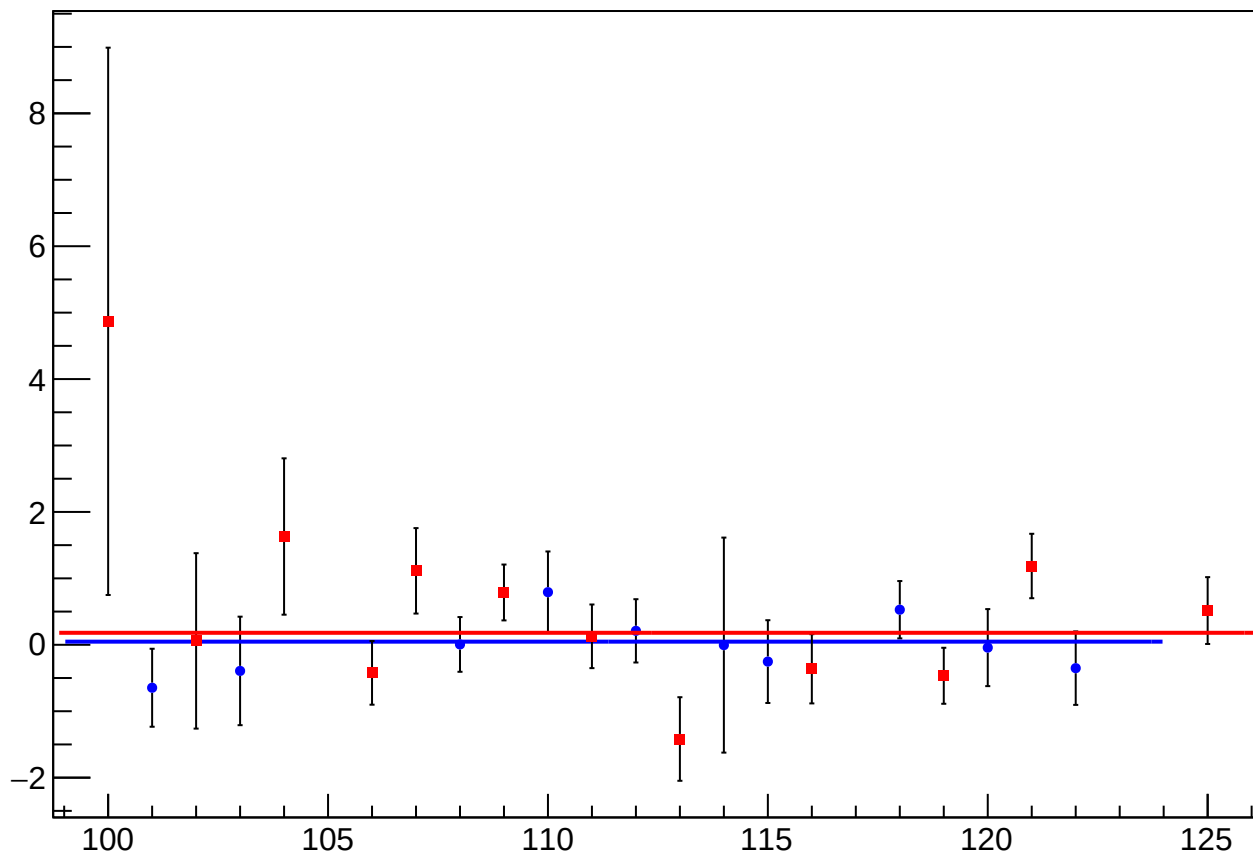
Right: 326.984+/-0.084 χ^2/NDF : 1279507.2/21

In: 337.028+/-0.125 χ^2/NDF : 474056.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 326.984+/-0.084 χ^2/NDF : 1279507.2/21

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: 0.181+/-0.162 χ^2/NDF : 23.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

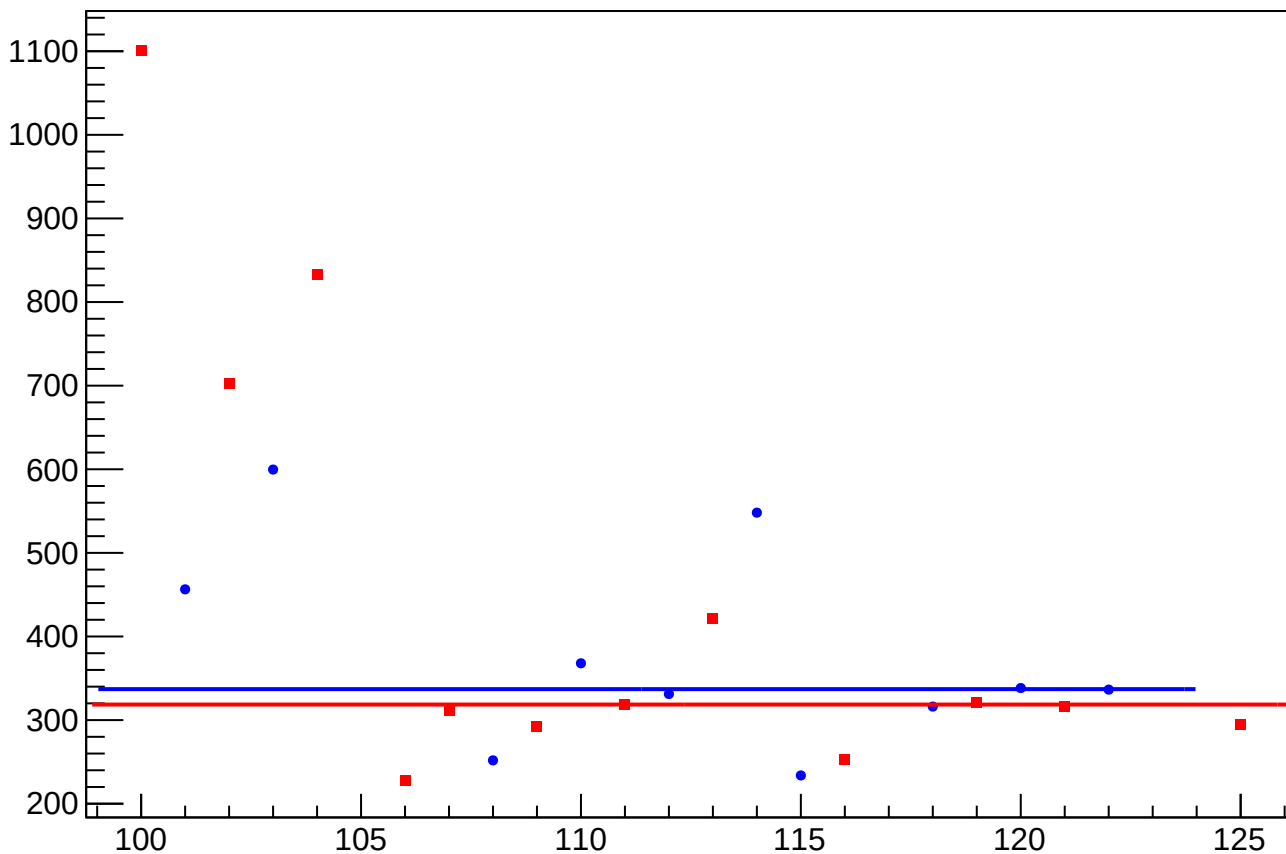
Right: 0.120+/-0.119 χ^2/NDF : 28.9/21

In: 0.047+/-0.177 χ^2/NDF : 5.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.120+/-0.119 χ^2/NDF : 28.9/21

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: 318.586+/-0.114 χ^2/NDF : 793621.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

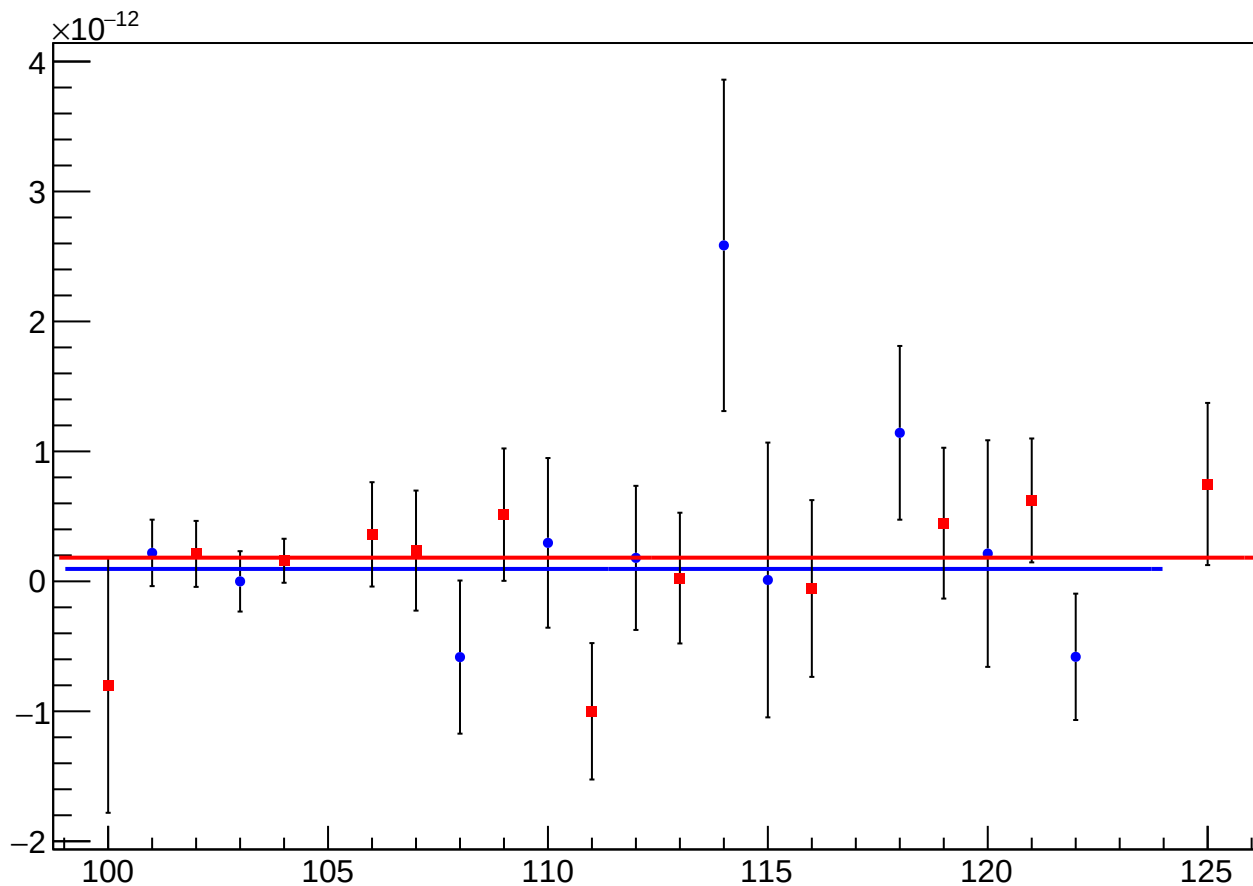
Right: 326.984+/-0.084 χ^2/NDF : 1279507.2/21

In: 337.028+/-0.125 χ^2/NDF : 474056.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 326.984+/-0.084 χ^2/NDF : 1279507.2/21

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 : 8.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

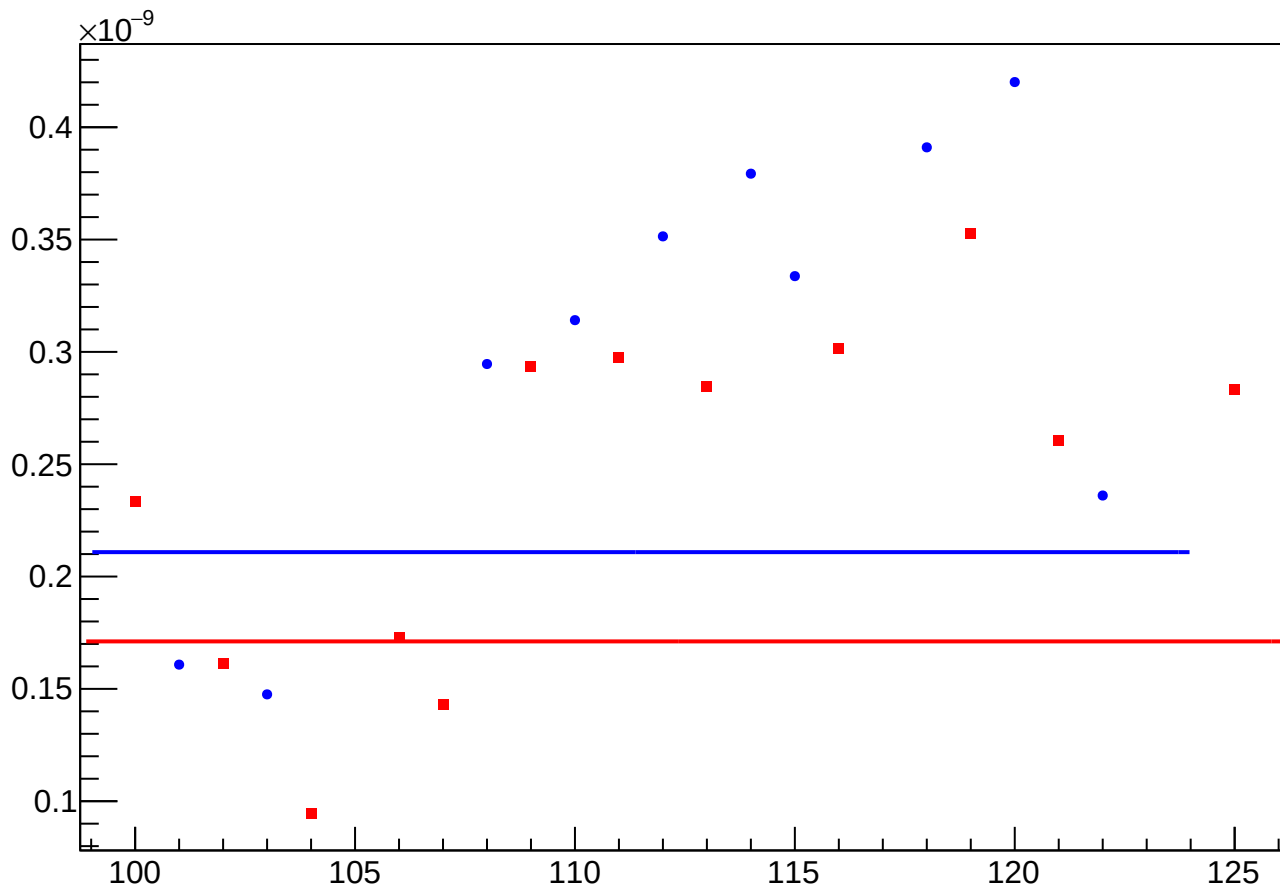
Right: 0.000+/-0.000 χ^2/NDF : 19.2/21

In: 0.000+/-0.000 χ^2/NDF : 10.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.2/21

asym_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 : 1165393.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

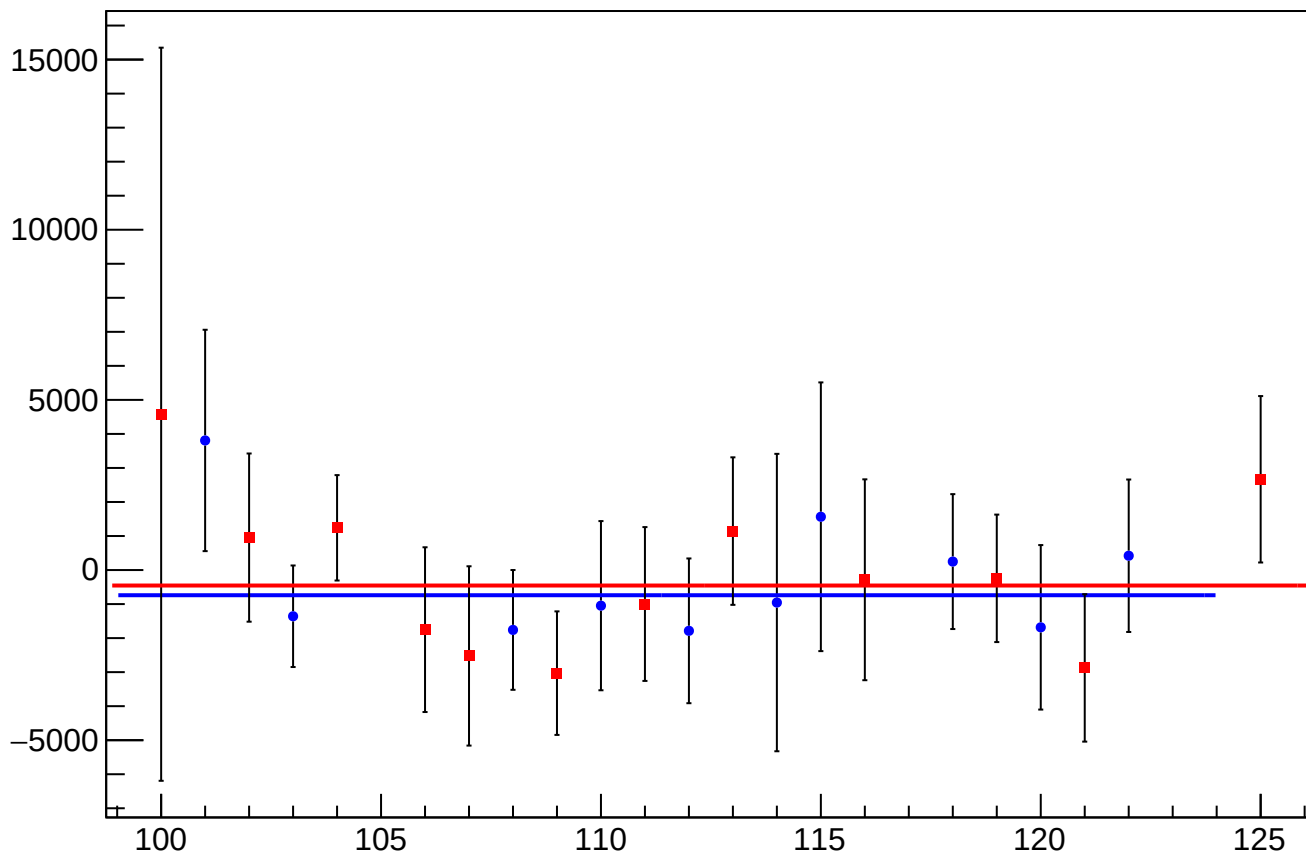
Right: 0.000+/-0.000 χ^2/NDF : 2039213.9/21

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 : 2039213.9/21

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: -454.754+/-645.970 χ^2/NDF : 8.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

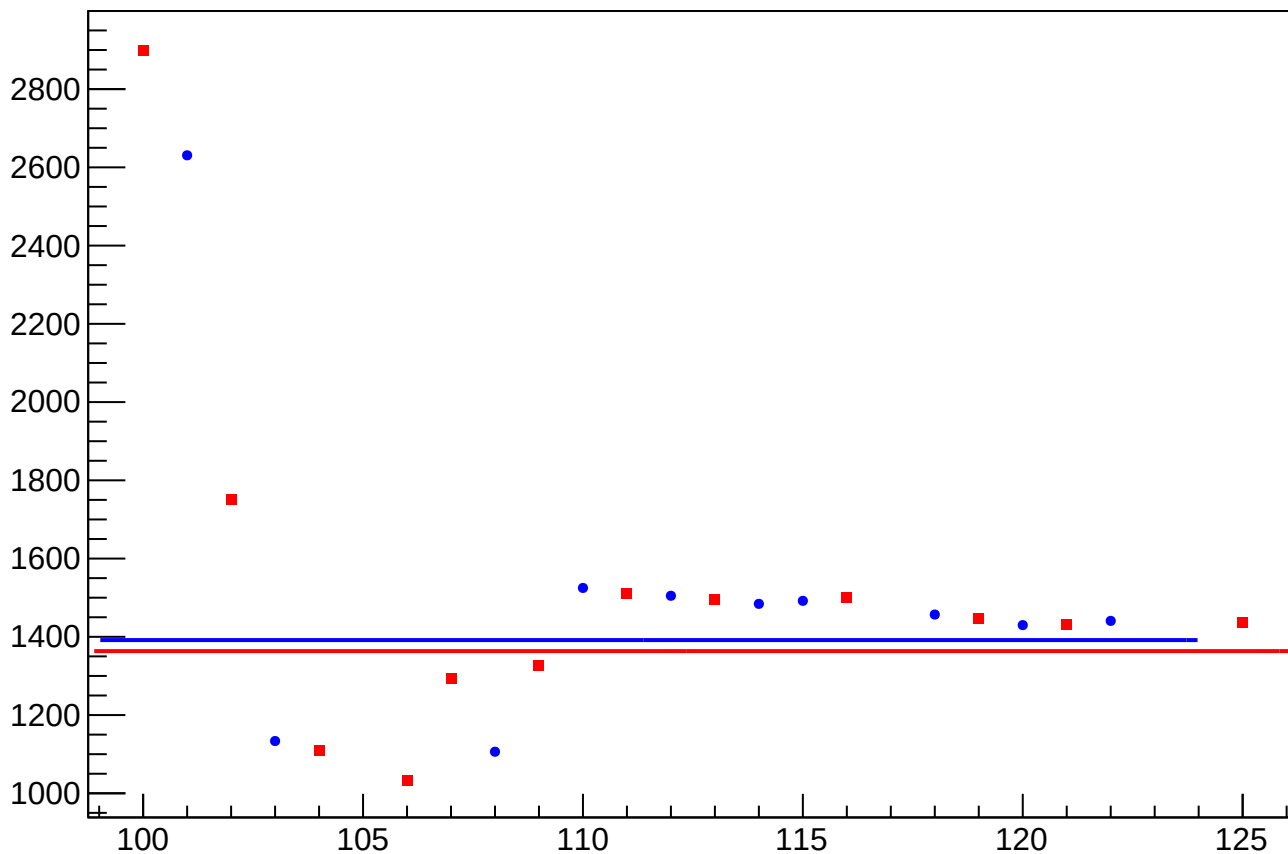
Right: -584.123+/-477.399 χ^2/NDF : 12.0/21

In: -739.823+/-708.666 χ^2/NDF : 3.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -584.123+/-477.399 χ^2/NDF : 12.0/21

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: 1363.472+/-0.452 χ^2/NDF : 221491.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

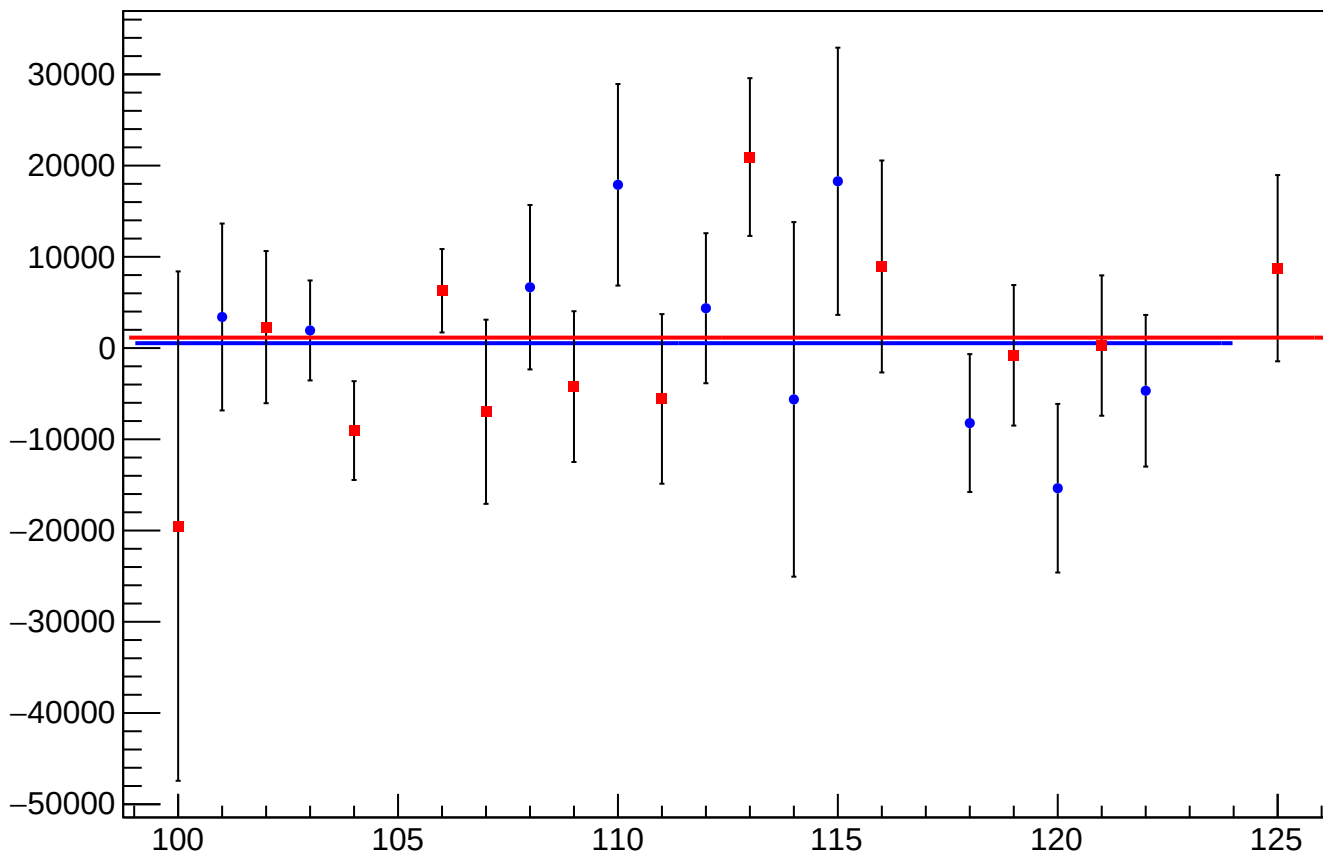
Right: 1376.102+/-0.336 χ^2/NDF : 643219.9/21

In: 1391.619+/-0.501 χ^2/NDF : 419988.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1376.102+/-0.336 χ^2/NDF : 643219.9/21

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: 1145.896+/-2248.367 χ^2/NDF : 13.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

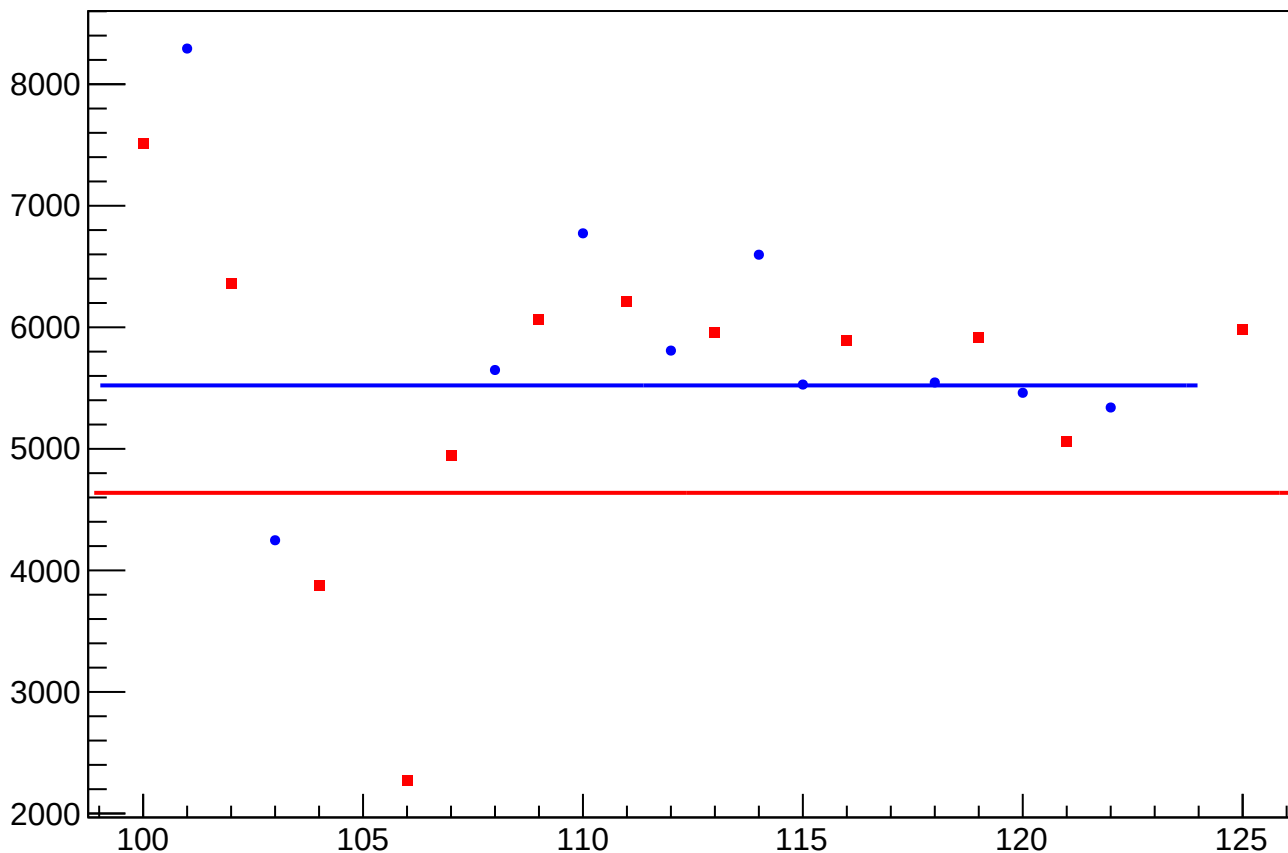
Right: 904.589+/-1748.811 χ^2/NDF : 22.9/21

In: 535.000+/-2782.538 χ^2/NDF :9.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 904.589+/-1748.811 χ^2/NDF : 22.9/21

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: 4638.131+/-1.590 χ^2/NDF : 965738.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

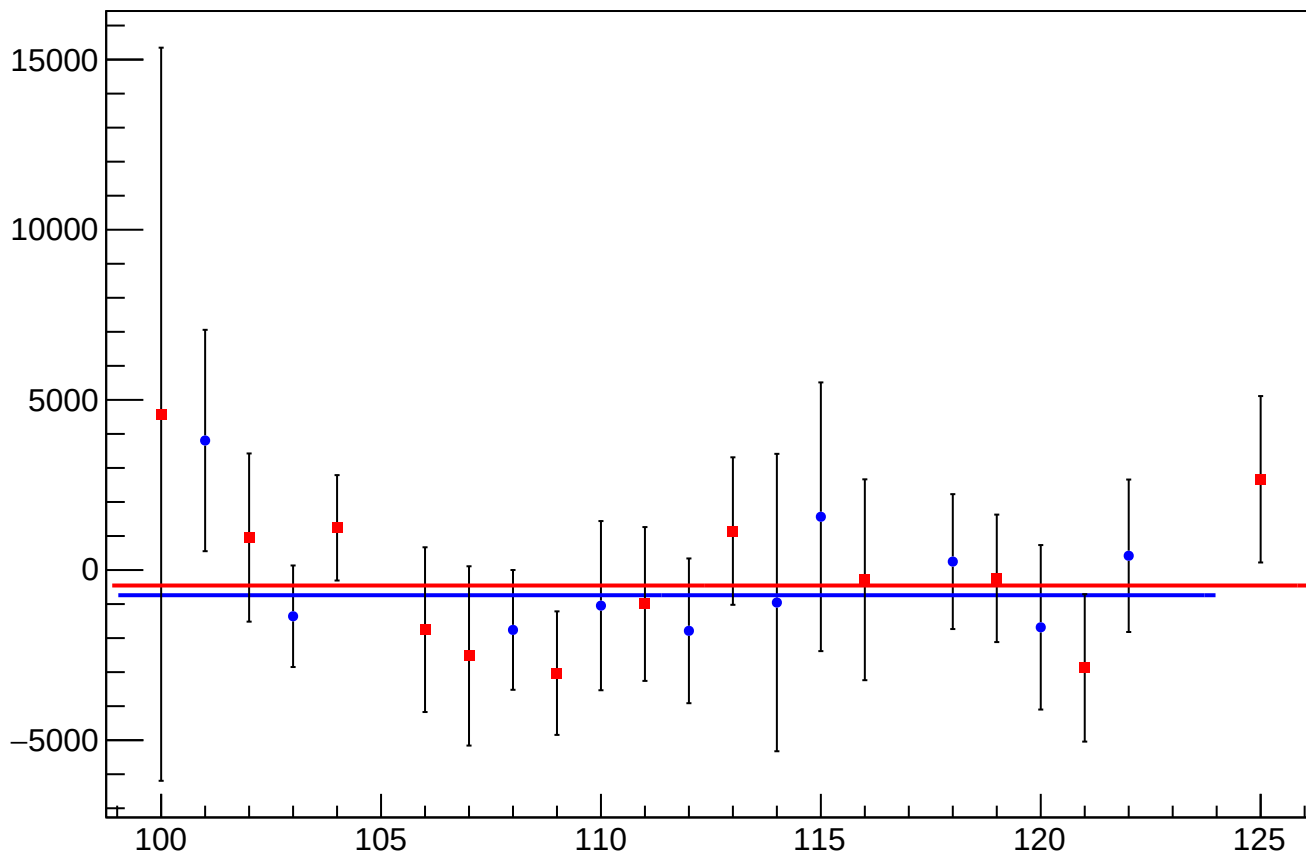
Right: 4987.236+/-1.237 χ^2/NDF : 1378069.3/21

In: 5521.929+/-1.968 χ^2/NDF : 290262.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4987.236+/-1.237 χ^2/NDF : 1378069.3/21

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: -454.543 $\pm$ 645.970 χ^2 /NDF: 8.2/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

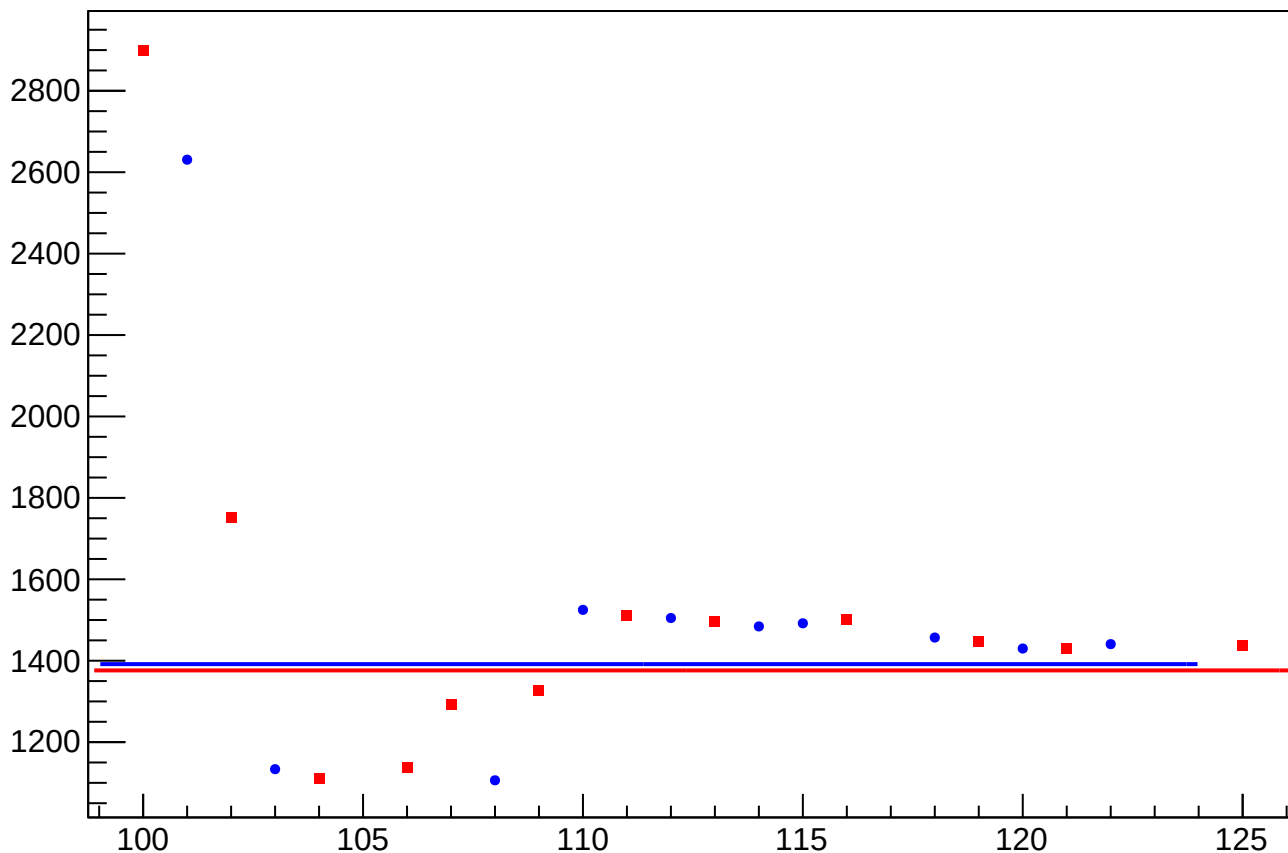
Right: -584.084 $\pm$ 477.399 χ^2 /NDF: 12.0/21

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: -584.084 $\pm$ 477.399 χ^2 /NDF: 12.0/21

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: 1376.172+/-0.455 χ^2/NDF : 191776.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

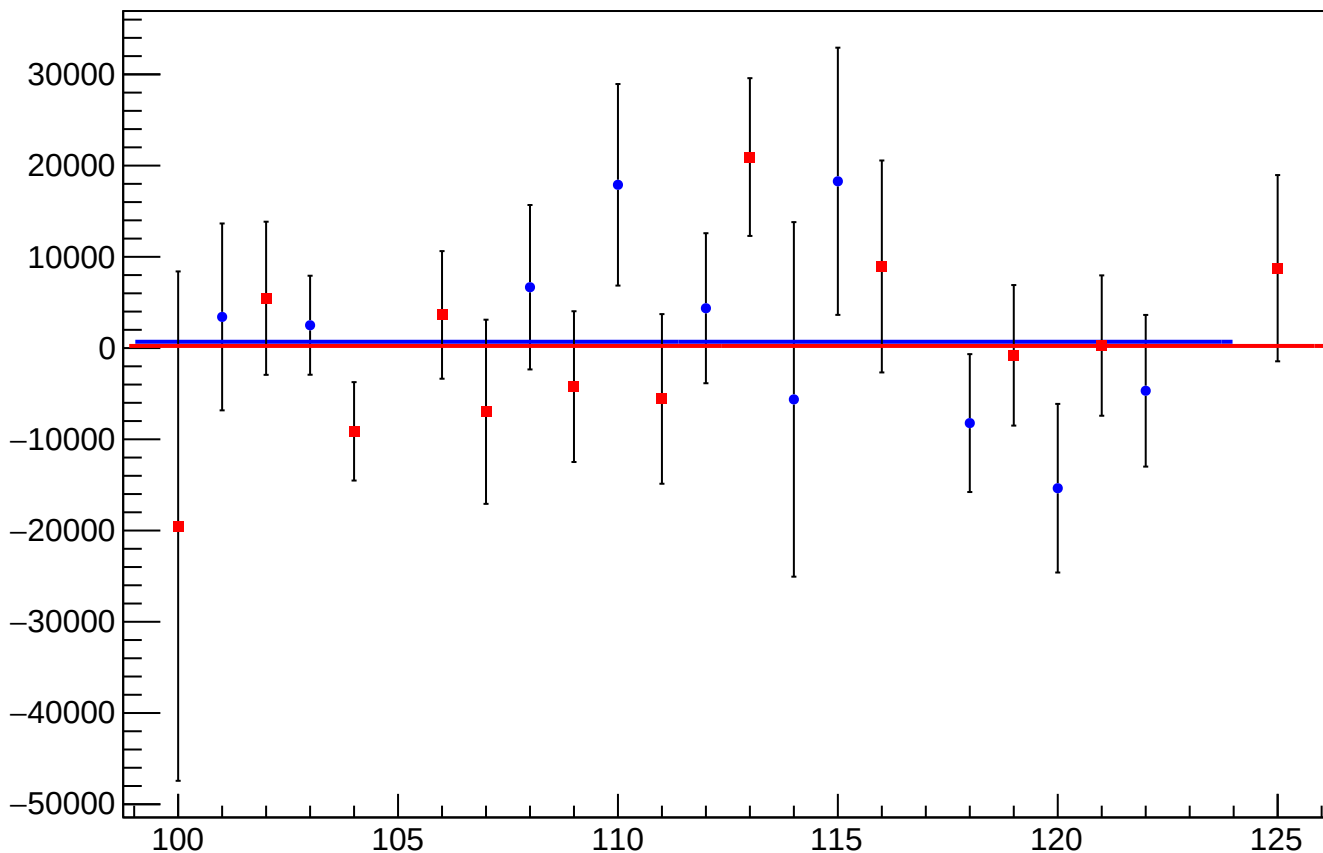
Right: 1383.157+/-0.337 χ^2/NDF : 612285.5/21

In: 1391.619+/-0.501 χ^2/NDF : 419988.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1383.157+/-0.337 χ^2/NDF : 612285.5/21

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: 233.200+/-2422.011 χ^2/NDF : 12.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

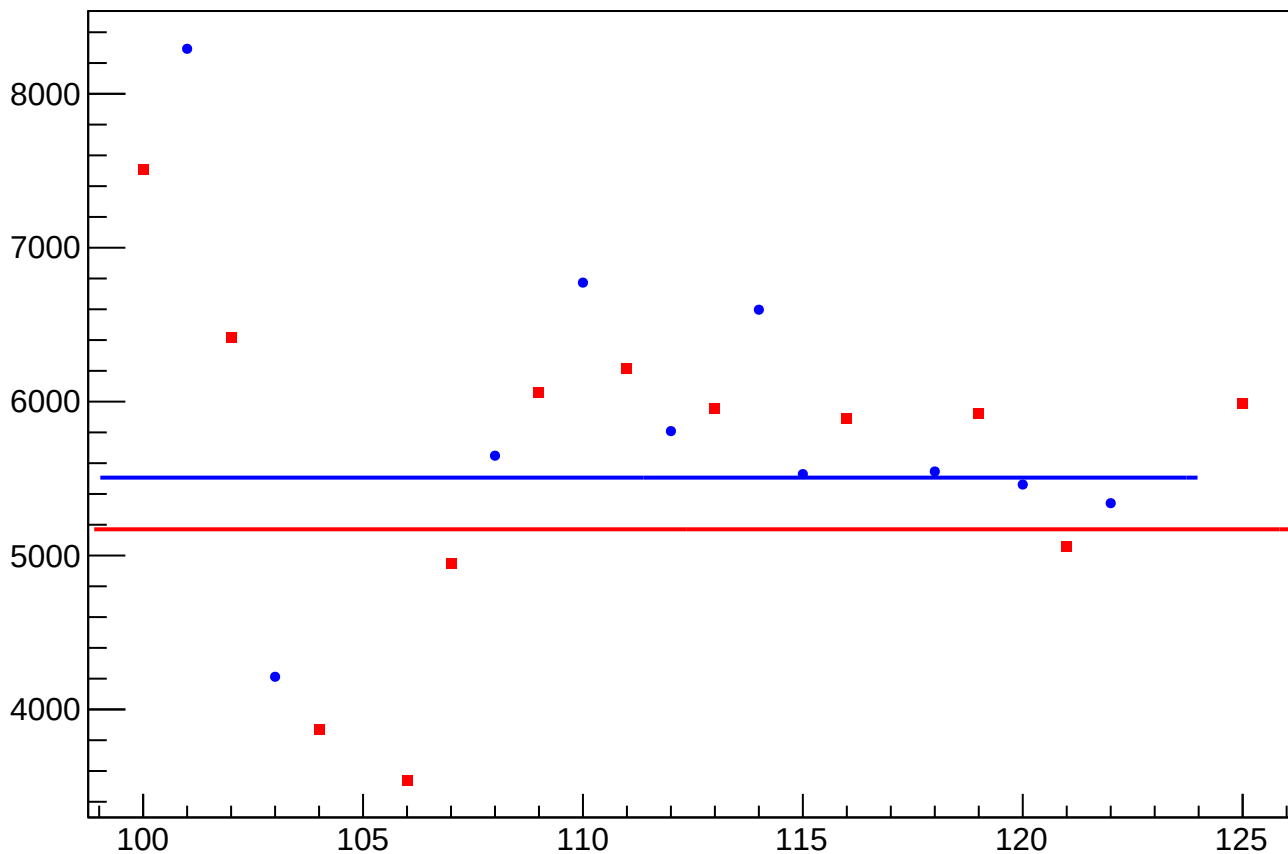
Right: 431.410+/-1824.907 χ^2/NDF : 22.0/21

In: 691.715+/-2775.588 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 431.410+/-1824.907 χ^2/NDF : 22.0/21

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: 5170.406+/-1.713 χ^2/NDF : 389067.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

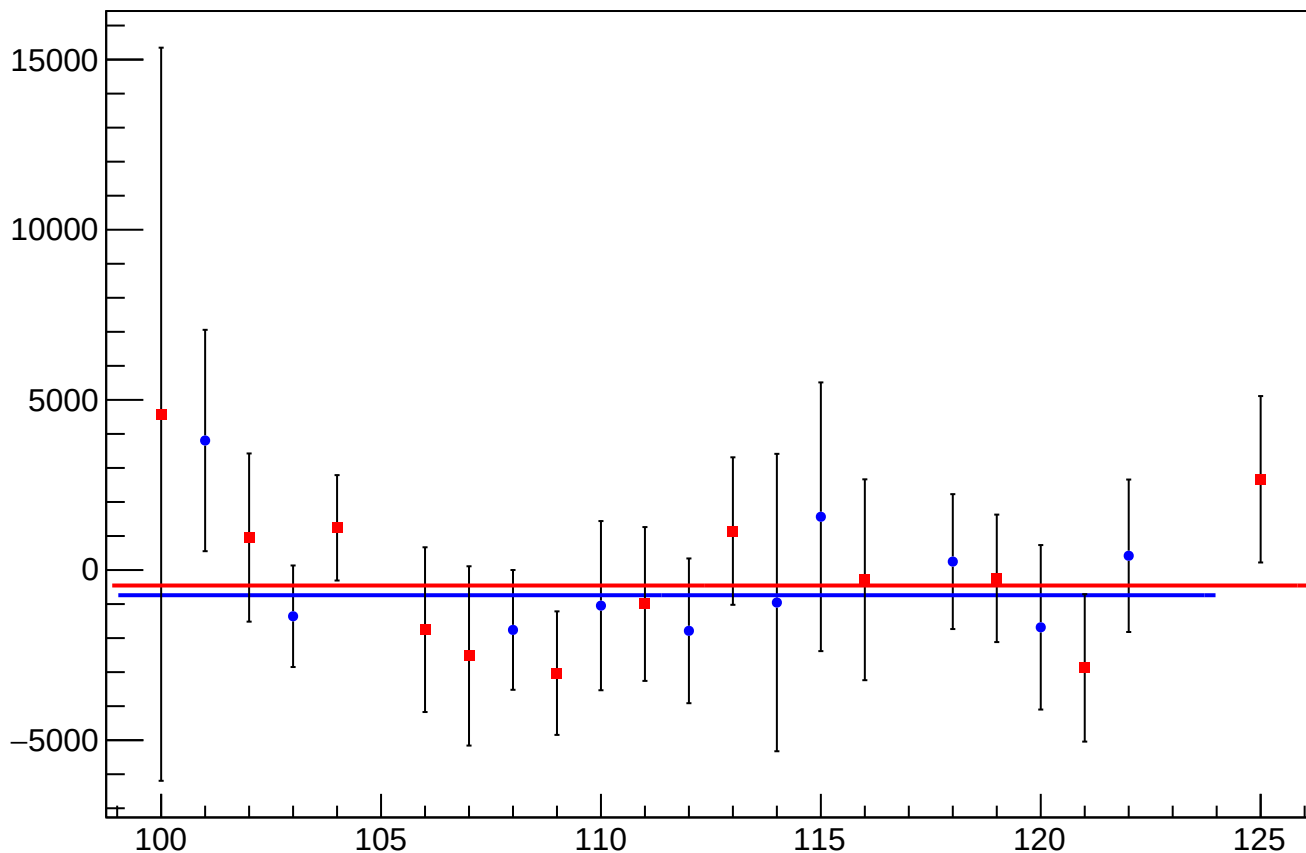
Right: 5315.568+/-1.290 χ^2/NDF : 704195.9/21

In: 5506.207+/-1.963 χ^2/NDF : 298509.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5315.568+/-1.290 χ^2/NDF : 704195.9/21

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: -454.543+/-645.970 χ^2/NDF : 8.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

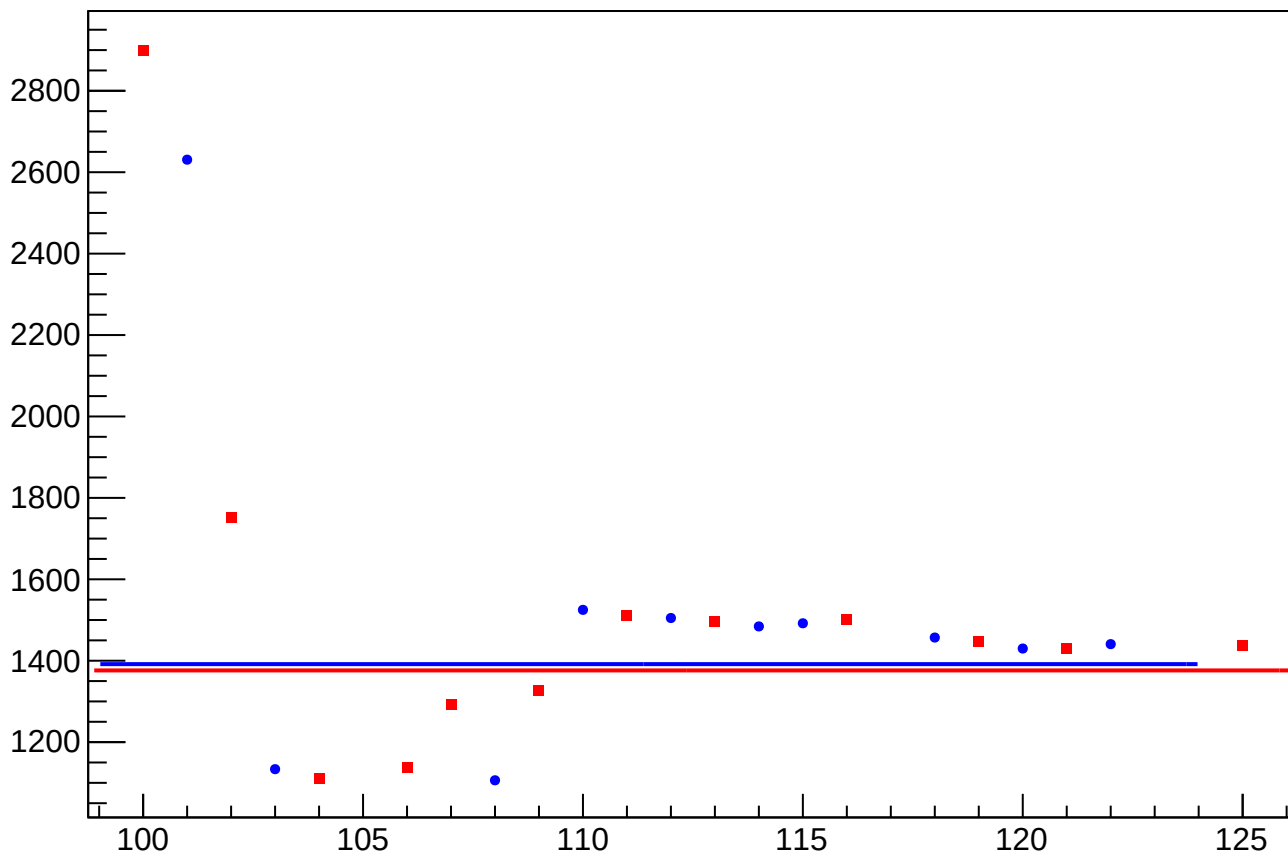
Right: -584.084+/-477.399 χ^2/NDF : 12.0/21

In: -739.990+/-708.666 χ^2/NDF : 3.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -584.084+/-477.399 χ^2/NDF : 12.0/21

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: 1376.172+/-0.455 χ^2/NDF : 191776.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

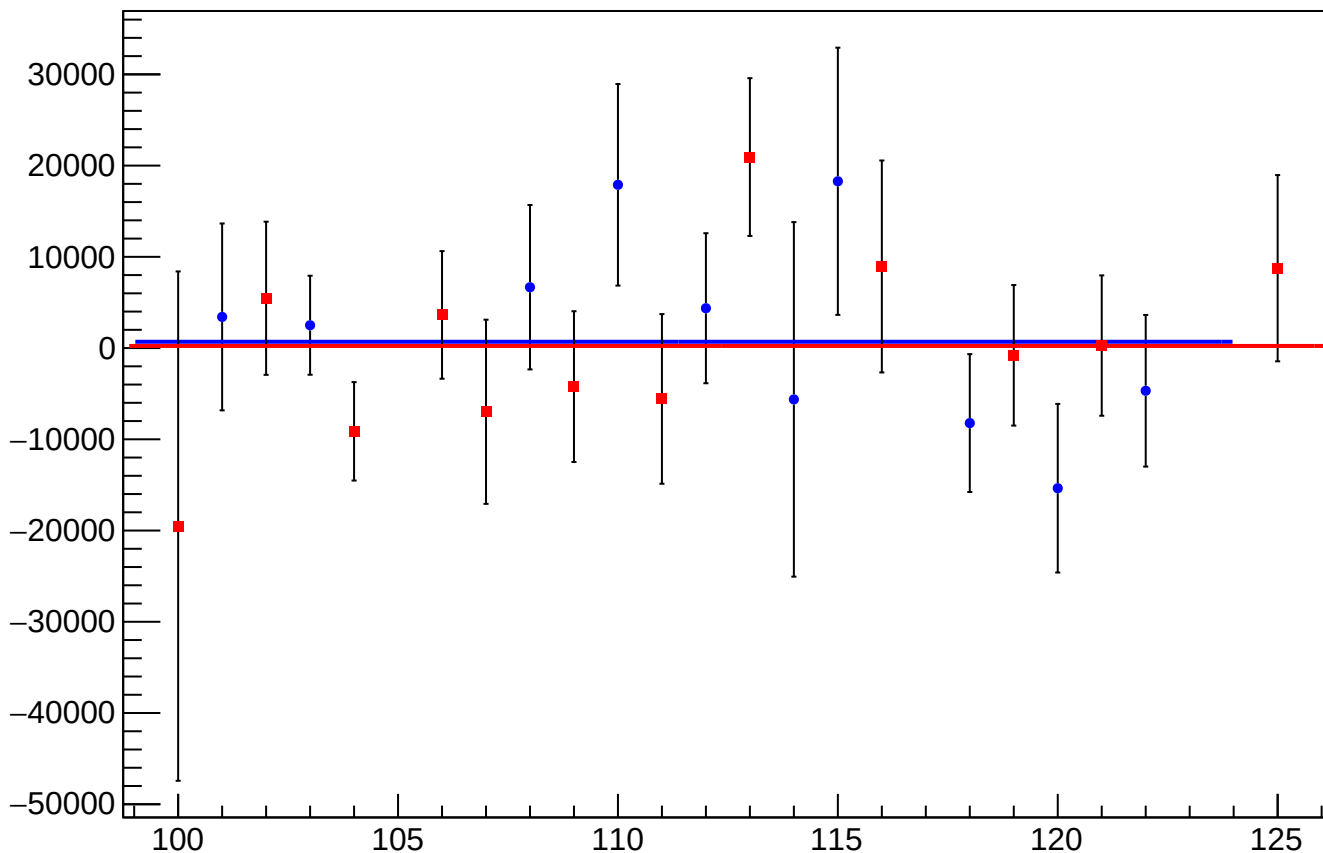
Right: 1383.157+/-0.337 χ^2/NDF : 612285.5/21

In: 1391.619+/-0.501 χ^2/NDF : 419988.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1383.157+/-0.337 χ^2/NDF : 612285.5/21

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: 233.200+/-2422.011 χ^2/NDF : 12.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

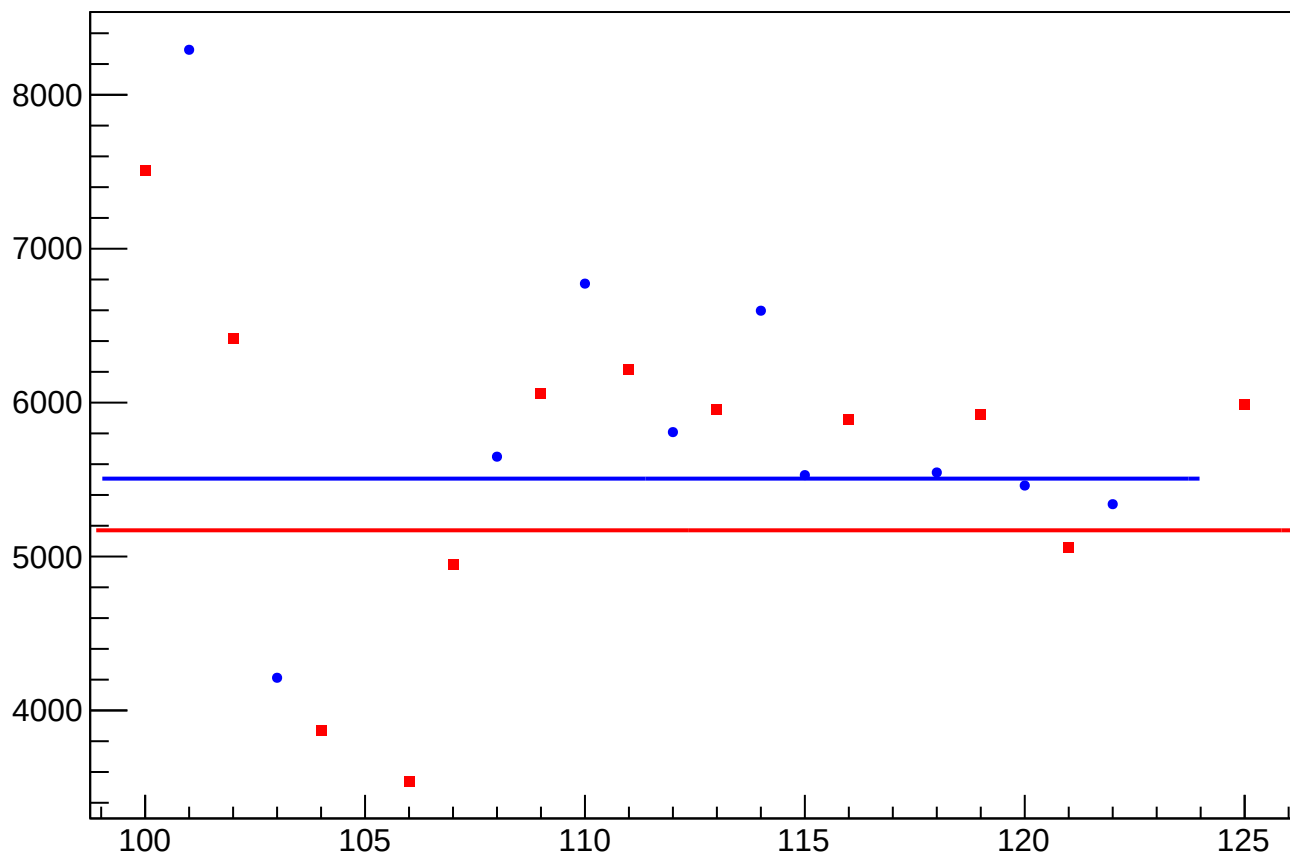
Right: 431.410+/-1824.907 χ^2/NDF : 22.0/21

In: 691.715+/-2775.588 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 431.410+/-1824.907 χ^2/NDF : 22.0/21

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: 5170.406+/-1.713 χ^2/NDF : 389067.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

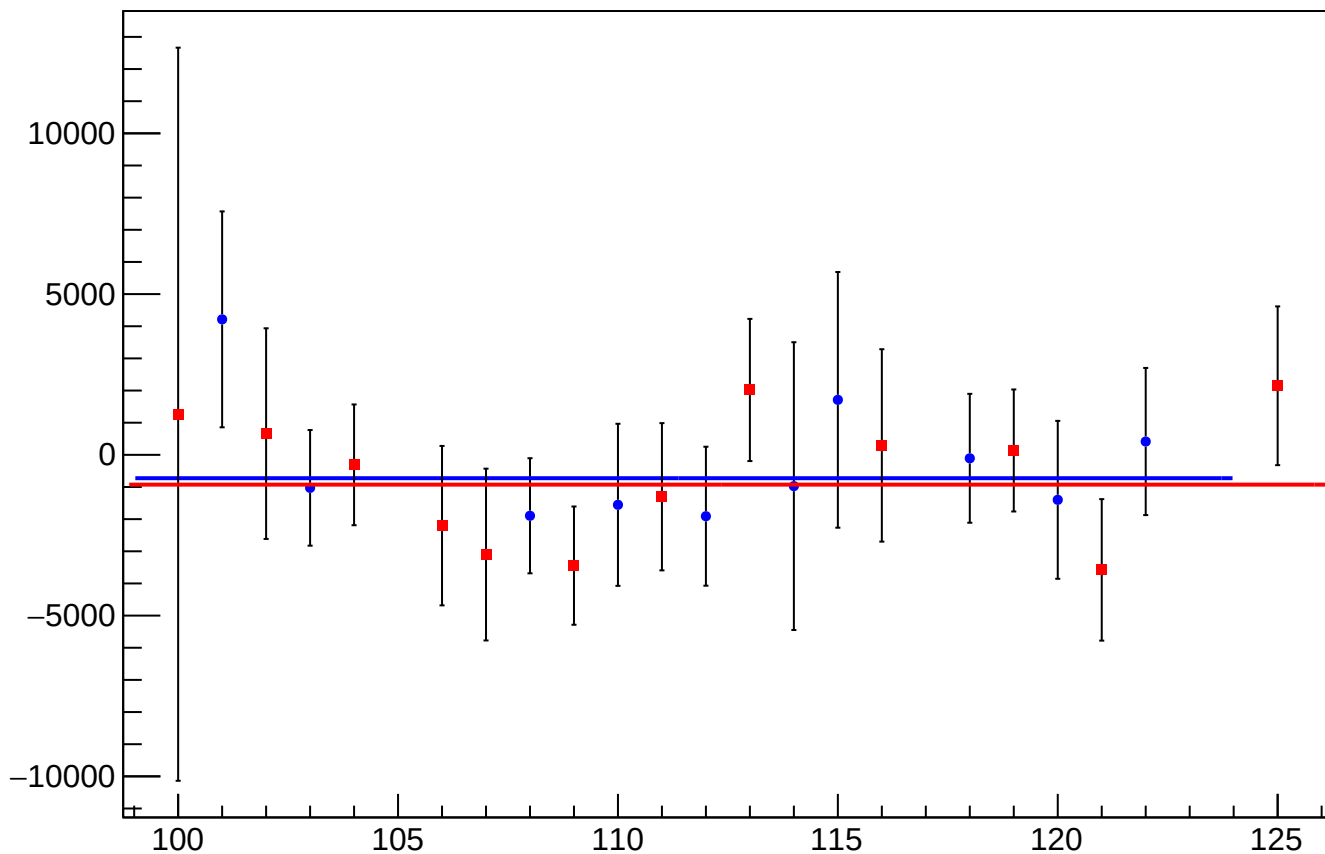
Right: 5315.568+/-1.290 χ^2/NDF : 704195.9/21

In: 5506.207+/-1.963 χ^2/NDF : 298509.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5315.568+/-1.290 χ^2/NDF : 704195.9/21

dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -726.532+/-745.352 χ^2/NDF : 3.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -926.180+/-683.933 χ^2/NDF : 8.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

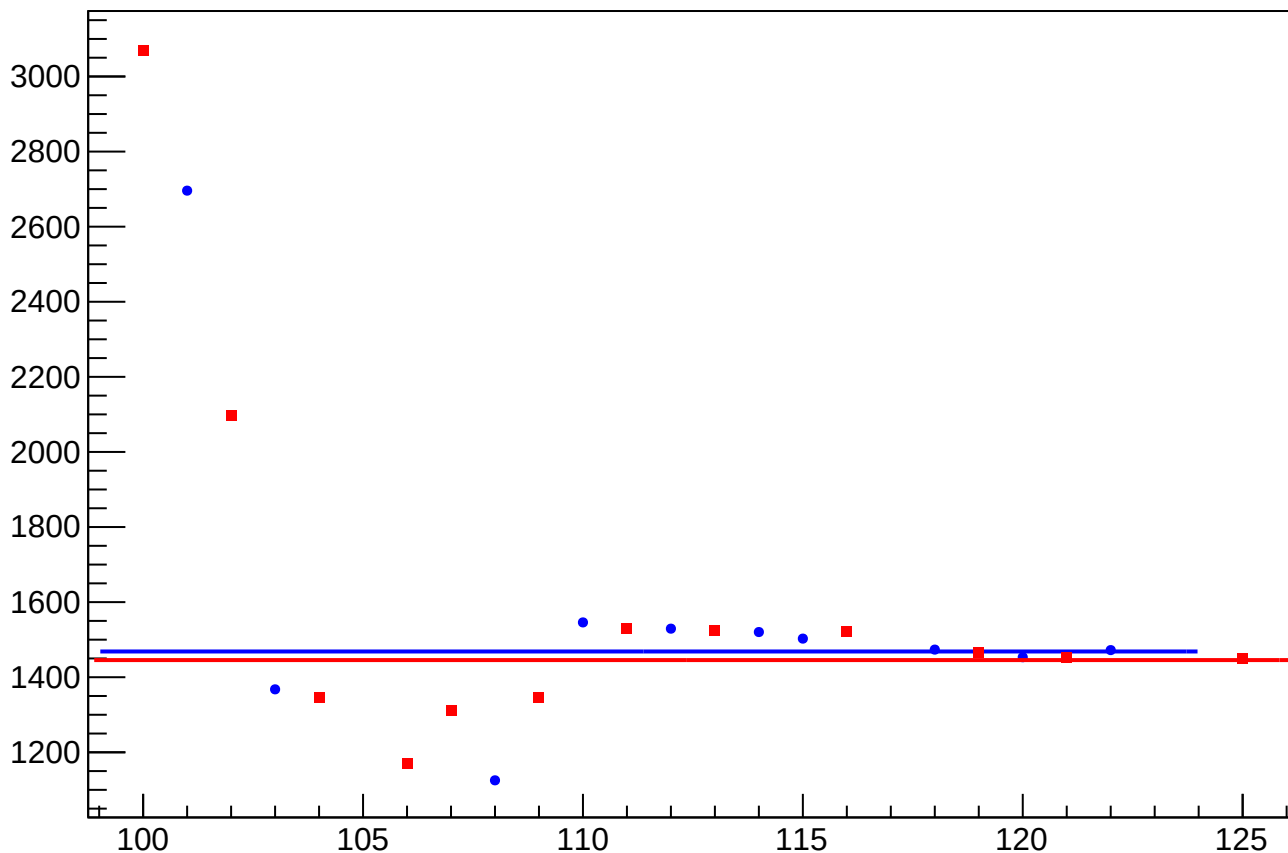
Right: -834.919+/-503.931 χ^2/NDF : 12.3/21

In: -726.532+/-745.352 χ^2/NDF :3.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -834.919+/-503.931 χ^2/NDF : 12.3/21

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: 1445.637+/-0.483 χ^2/NDF : 167853.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

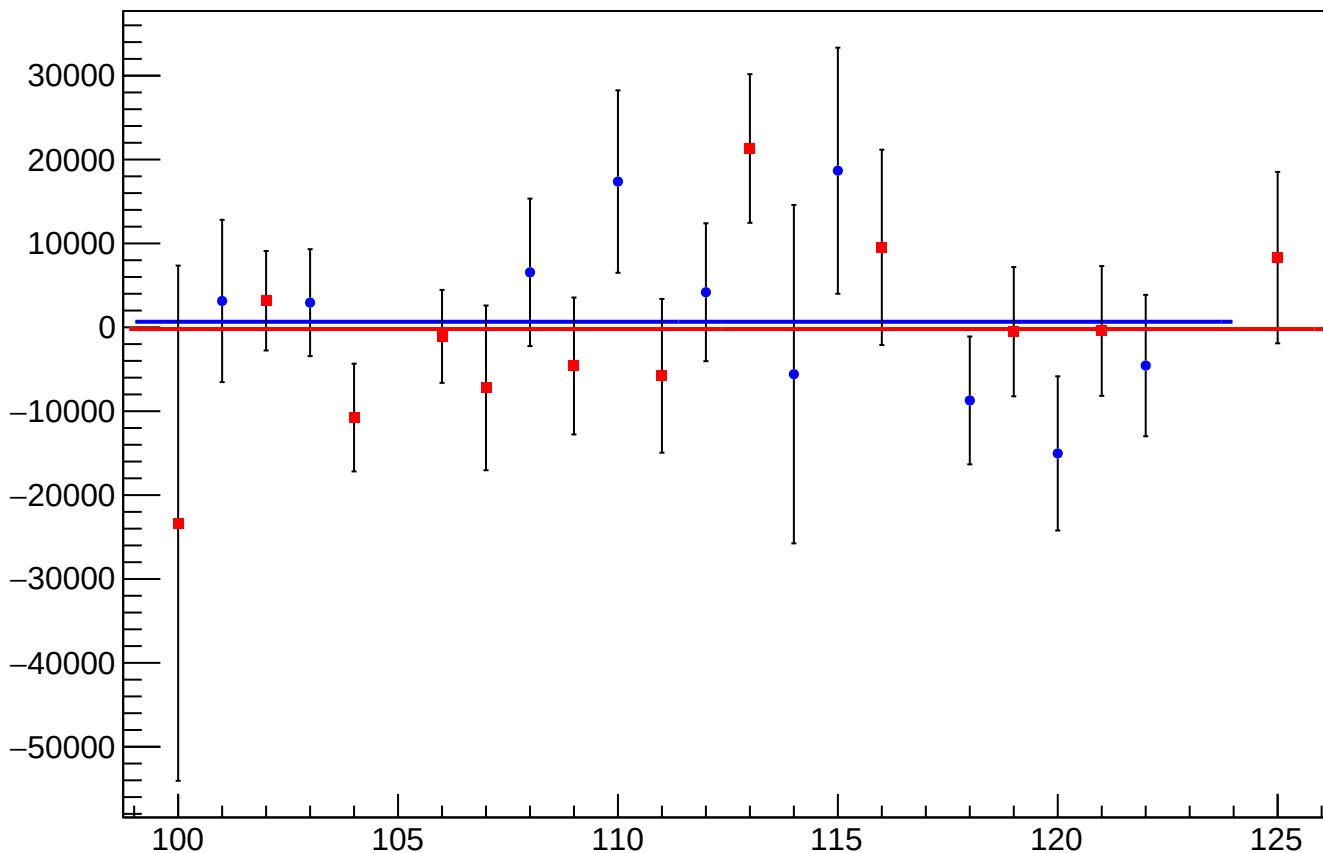
Right: 1456.105+/-0.356 χ^2/NDF : 519861.4/21

In: 1468.548+/-0.527 χ^2/NDF : 350981.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1456.105+/-0.356 χ^2/NDF : 519861.4/21

asym_us_avg_at2lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 662.499+/-2866.433 χ^2/NDF : 9.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -201.741+/-2313.471 χ^2/NDF : 12.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

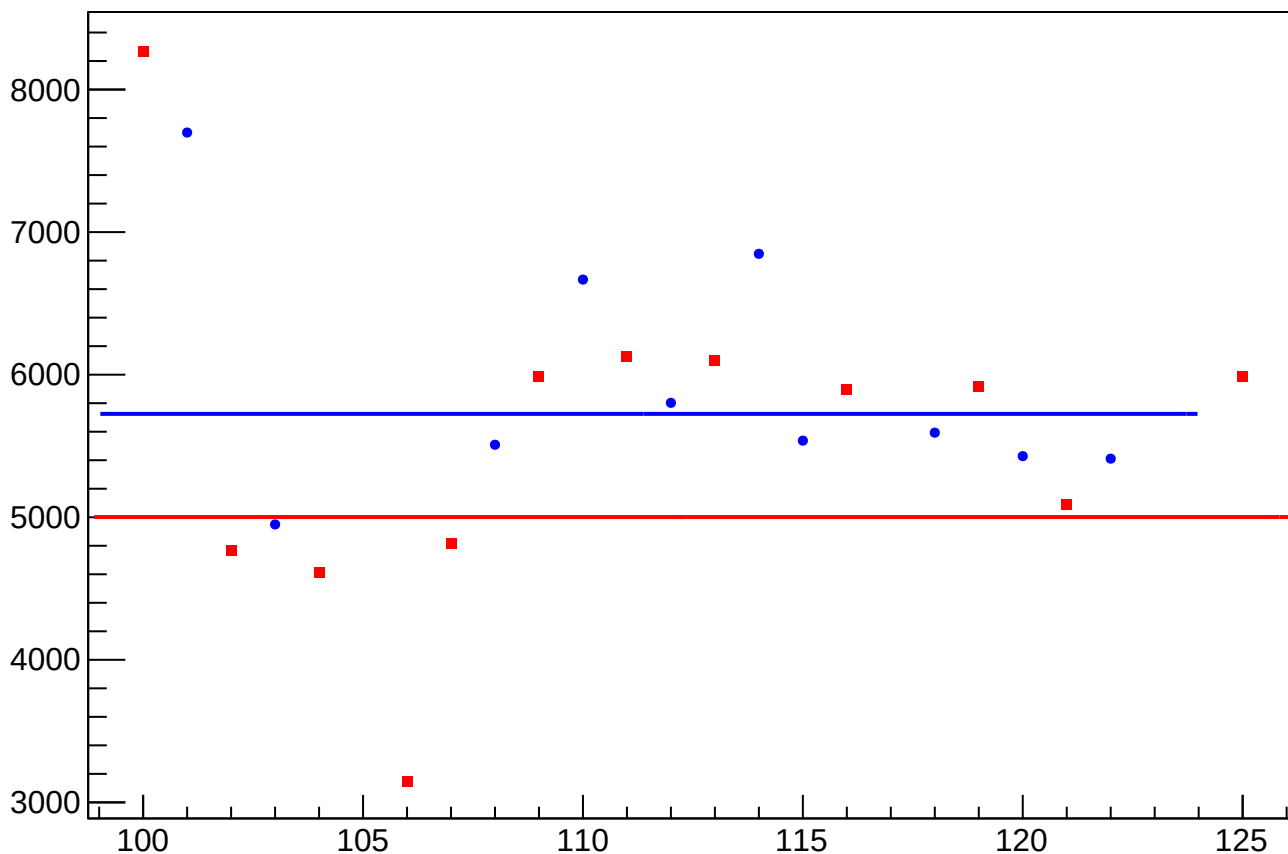
Right: 139.160+/-1800.274 χ^2/NDF : 21.7/21

In: 662.499+/-2866.433 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.160+/-1800.274 χ^2/NDF : 21.7/21

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: 5001.619+/-1.636 χ^2/NDF : 406808.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

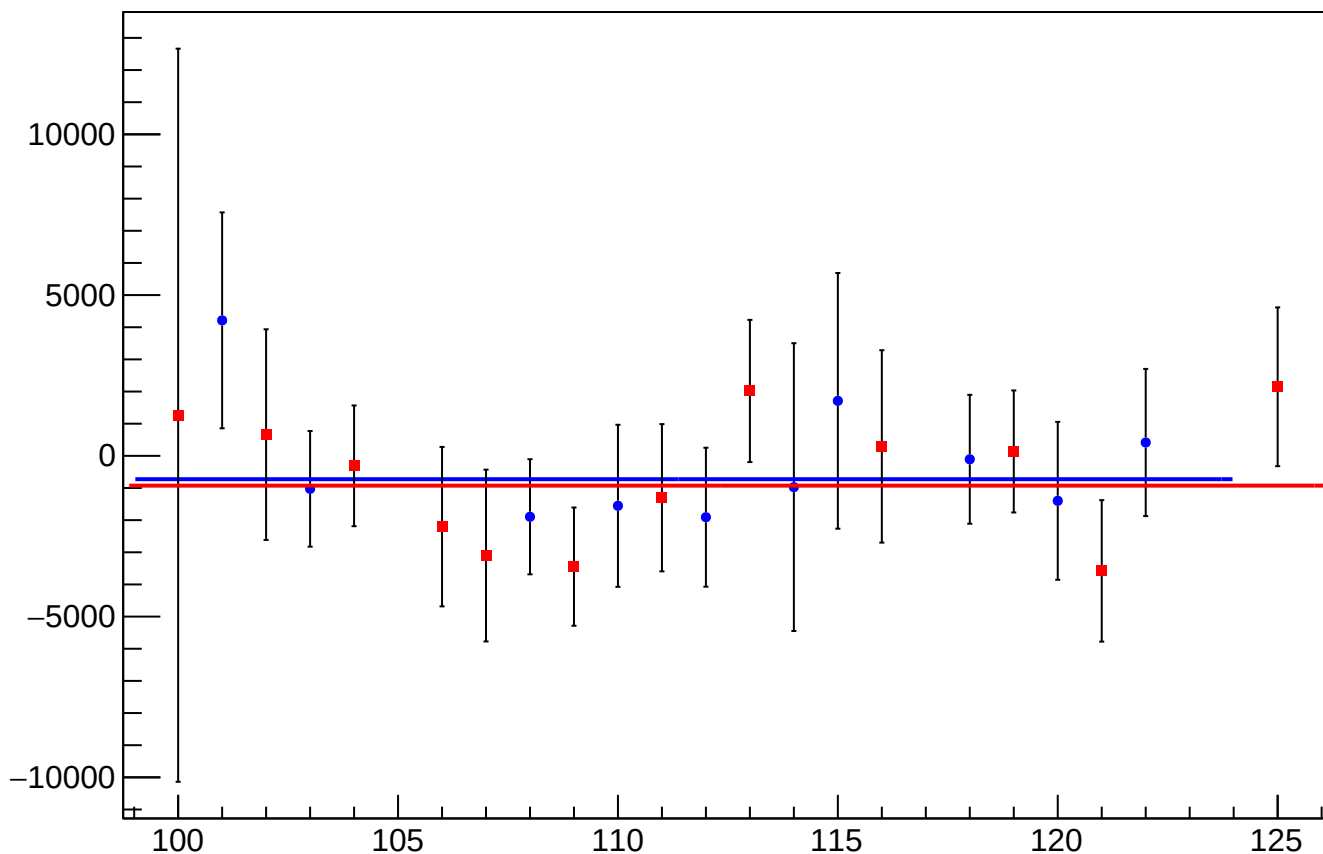
Right: 5287.006+/-1.273 χ^2/NDF : 625117.2/21

In: 5725.122+/-2.027 χ^2/NDF : 141151.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5287.006+/-1.273 χ^2/NDF : 625117.2/21

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: -926.196+/-683.934 χ^2/NDF : 8.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

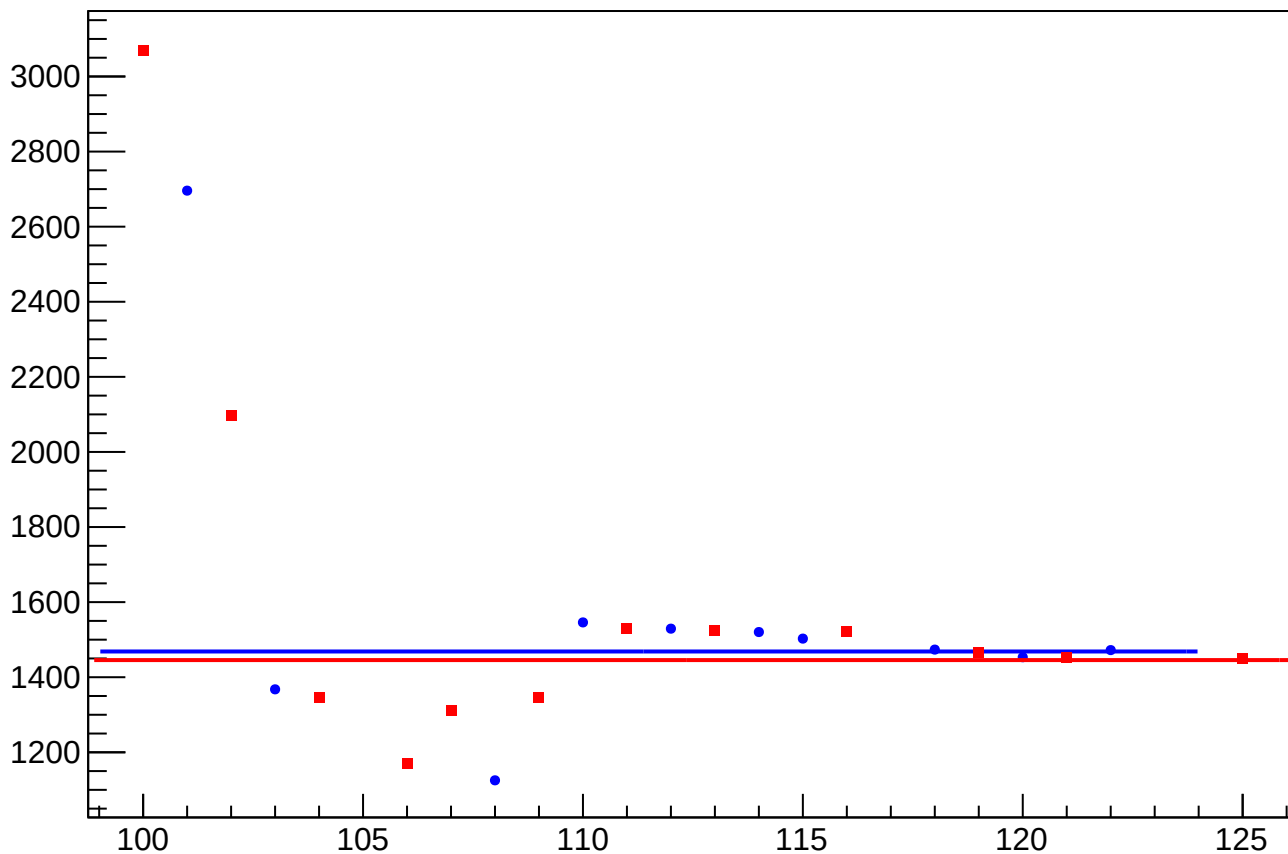
Right: -834.926+/-503.931 χ^2/NDF : 12.3/21

In: -726.527+/-745.353 χ^2/NDF :3.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -834.926+/-503.931 χ^2/NDF : 12.3/21

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: 1445.637+/-0.483 χ^2/NDF : 167853.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

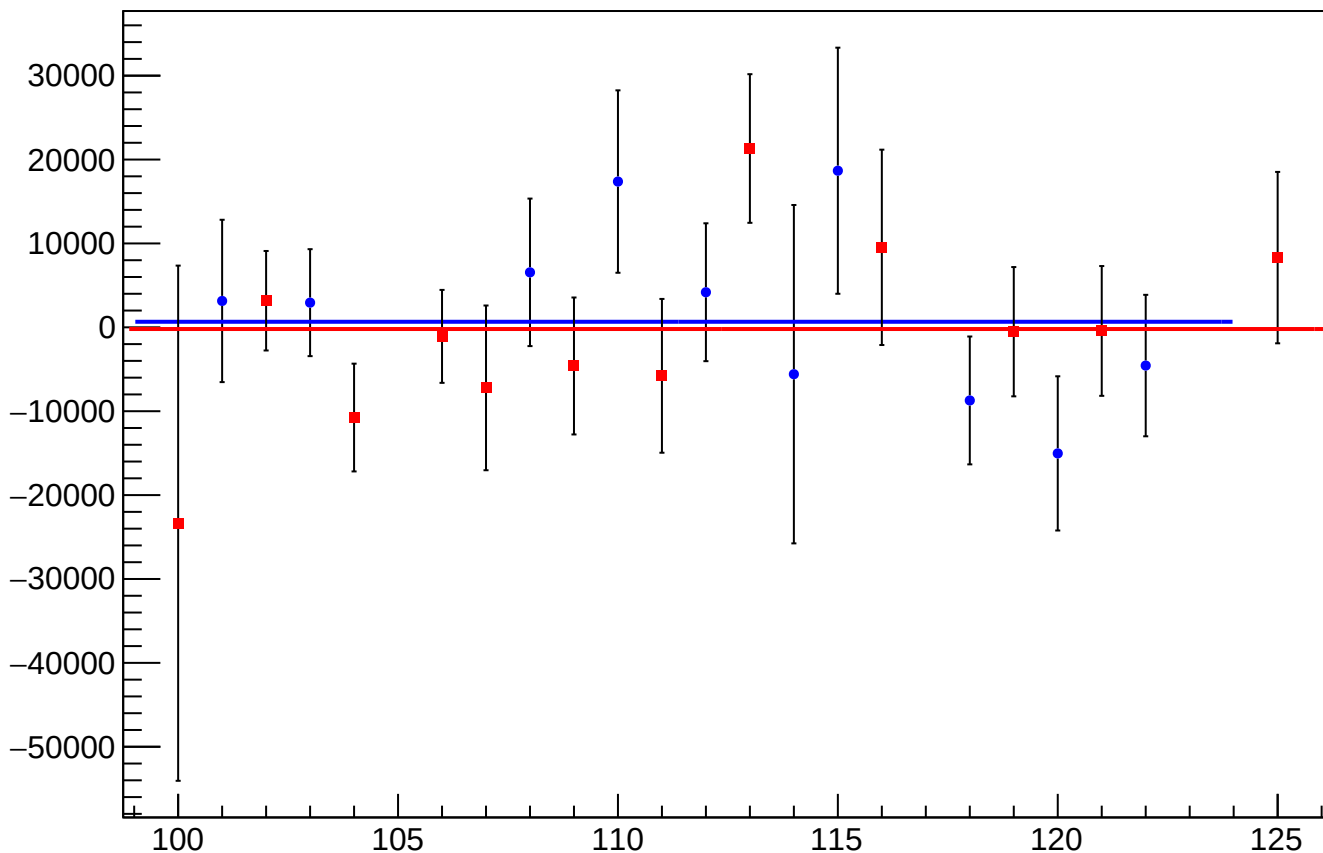
Right: 1456.105+/-0.356 χ^2/NDF : 519861.0/21

In: 1468.548+/-0.527 χ^2/NDF : 350981.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1456.105+/-0.356 χ^2/NDF : 519861.0/21

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: -201.748+/-2313.466 χ^2/NDF : 12.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

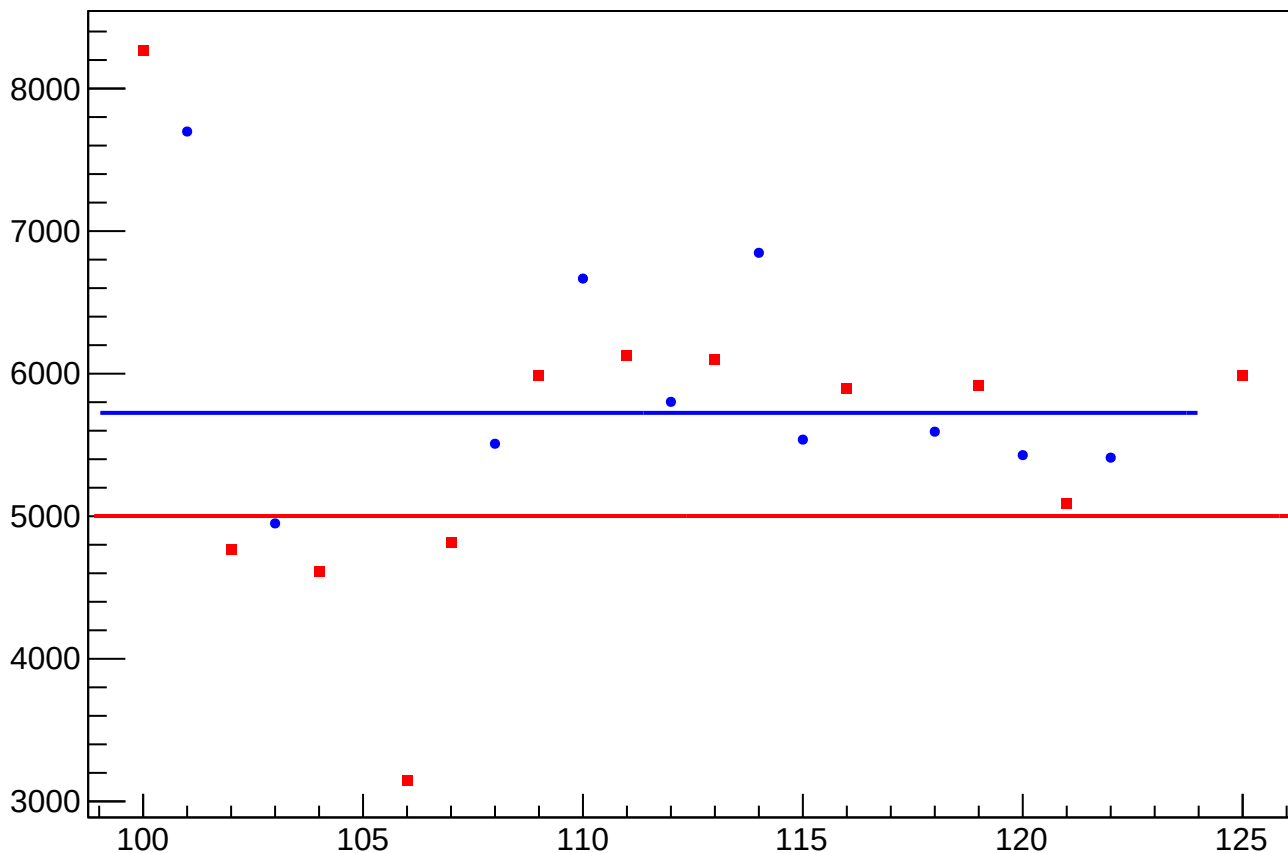
Right: 139.149+/-1800.270 χ^2/NDF : 21.7/21

In: 662.483+/-2866.426 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.149+/-1800.270 χ^2/NDF : 21.7/21

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: 5001.608+/-1.636 χ^2/NDF : 406808.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

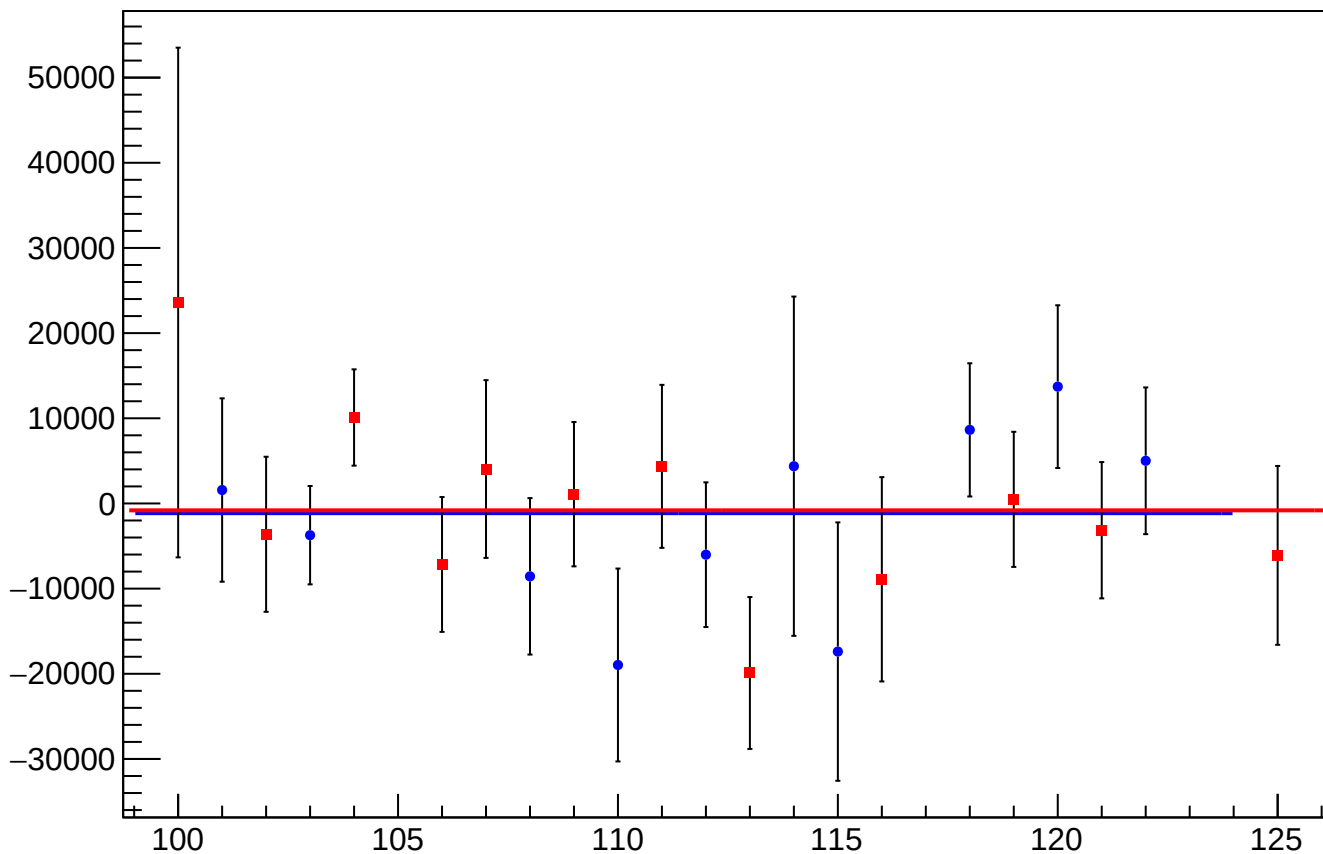
Right: 5286.994+/-1.273 χ^2/NDF : 625116.6/21

In: 5725.108+/-2.027 χ^2/NDF : 141151.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5286.994+/-1.273 χ^2/NDF : 625116.6/21

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: -809.165+/-2543.434 χ^2/NDF : 11.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

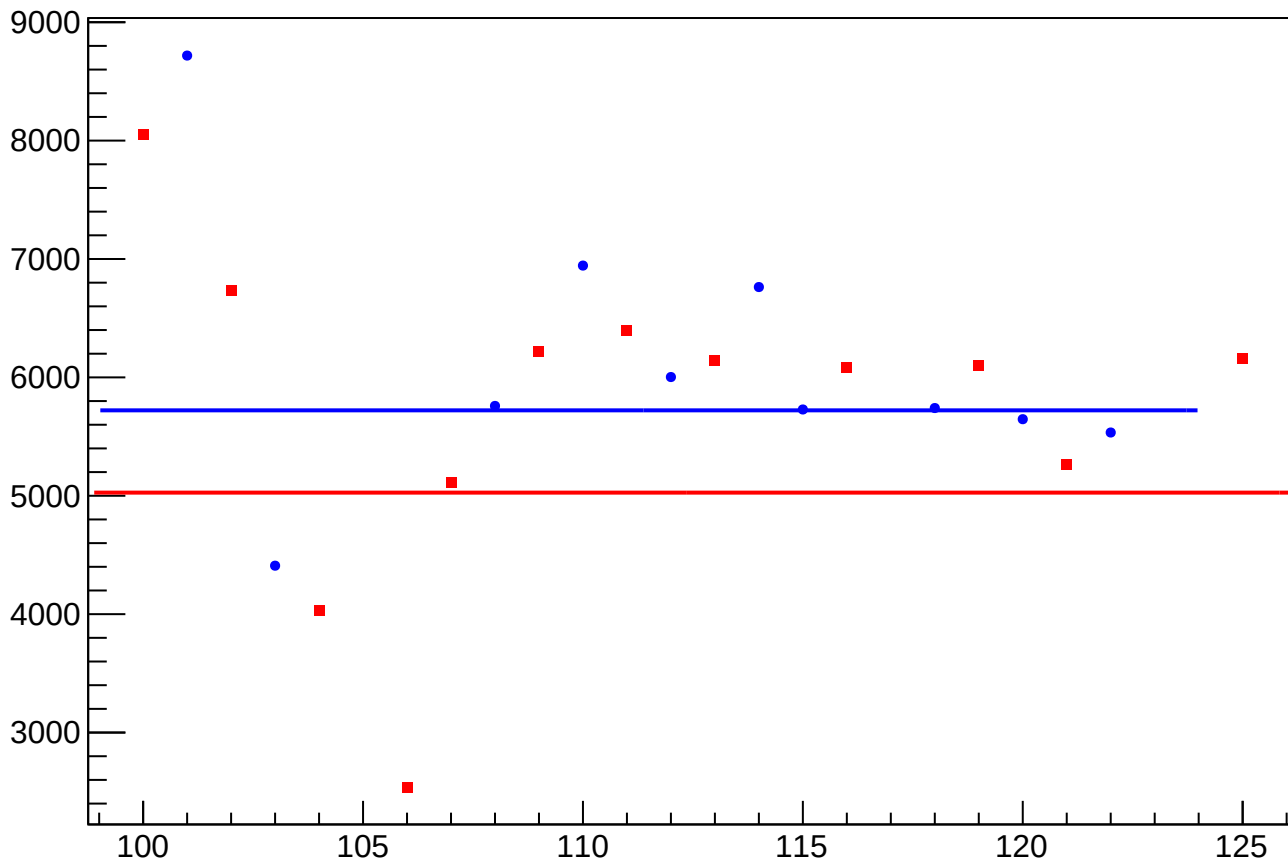
Right: -953.025+/-1909.120 χ^2/NDF : 20.5/21

In: -1138.675+/-2889.328 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -953.025+/-1909.120 χ^2/NDF : 20.5/21

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: 5026.647+/-1.716 χ^2/NDF : 728271.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

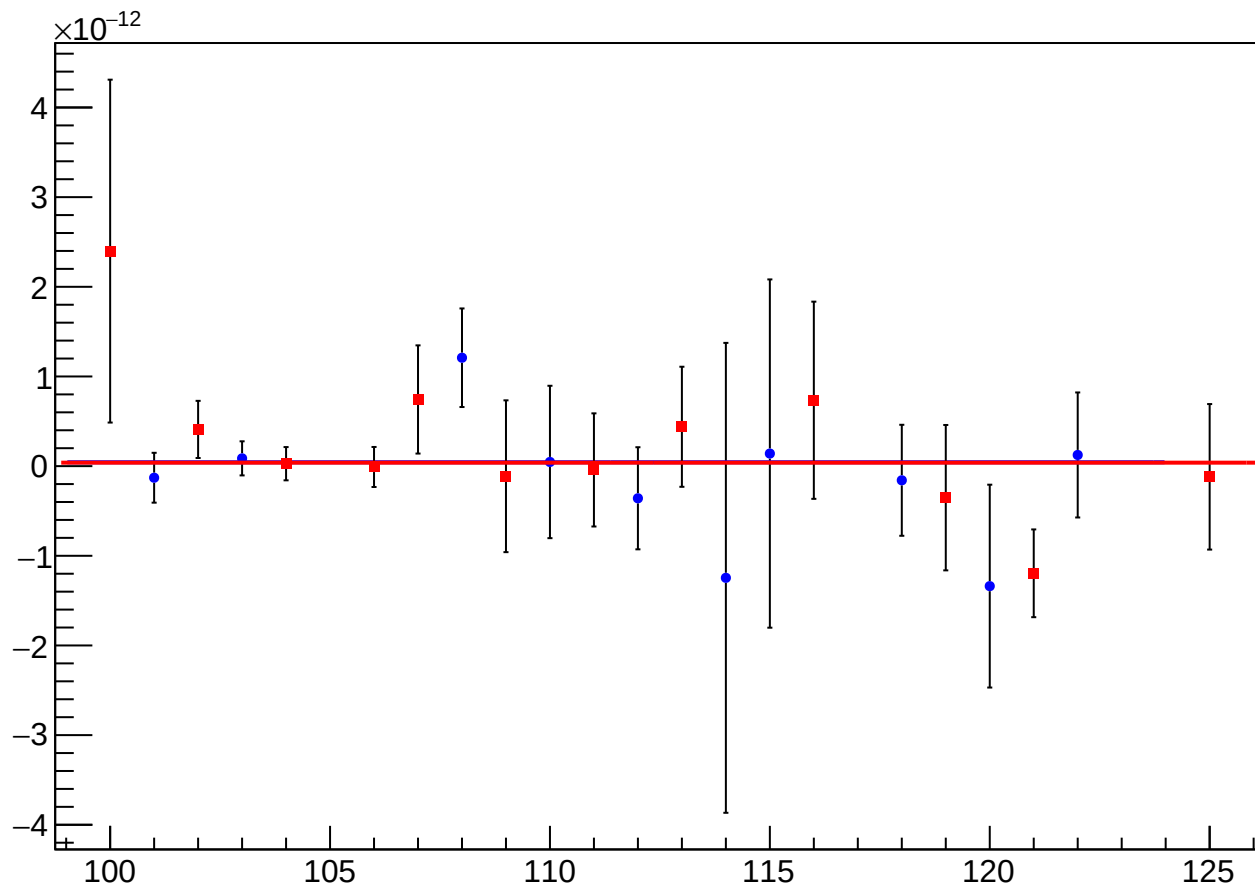
Right: 5314.052+/-1.314 χ^2/NDF : 1086494.5/21

In: 5721.586+/-2.043 χ^2/NDF : 290372.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5314.052+/-1.314 χ^2/NDF : 1086494.5/21

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 : 11.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

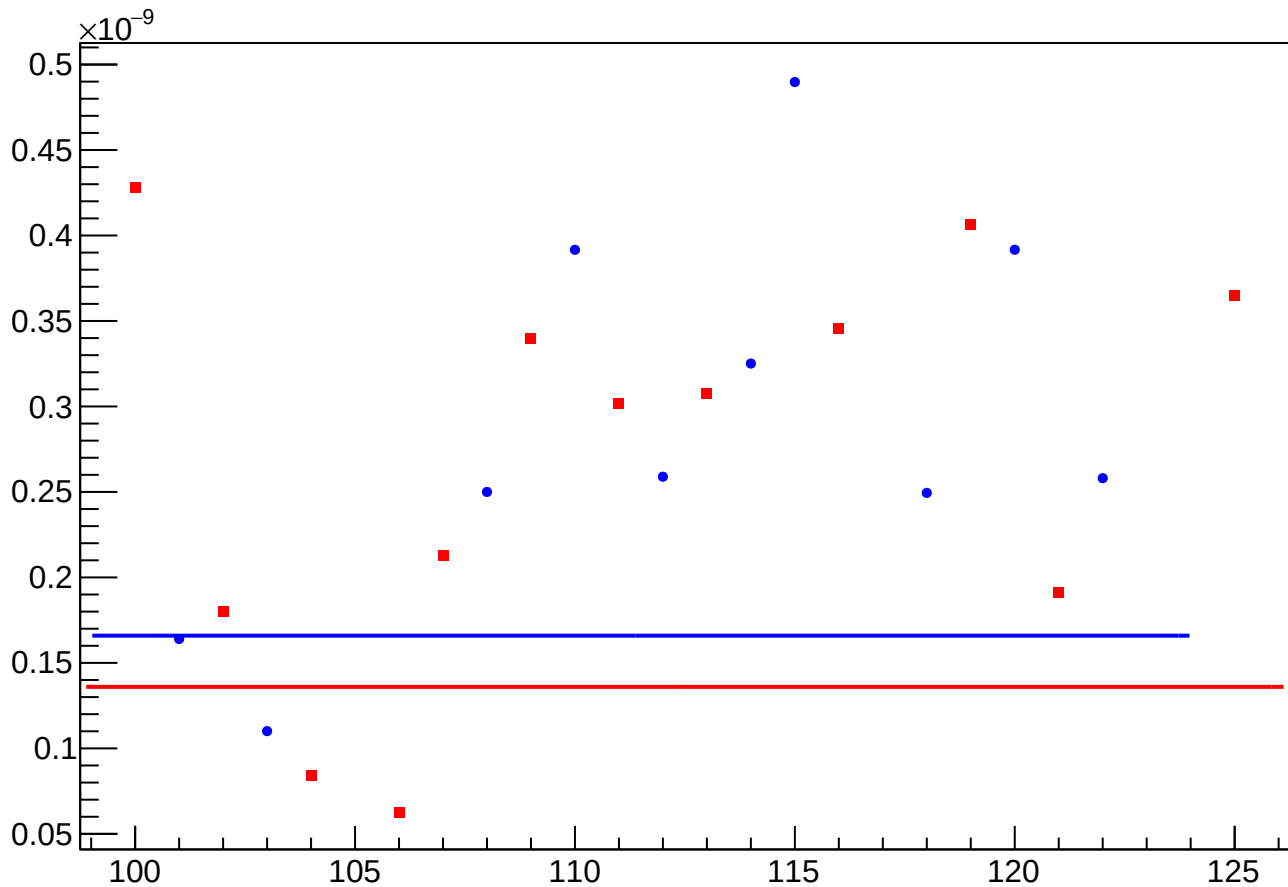
Right: 0.000+/-0.000 χ^2/NDF : 19.0/21

In: 0.000+/-0.000 χ^2/NDF : 7.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.0/21

asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 627856.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1355155.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

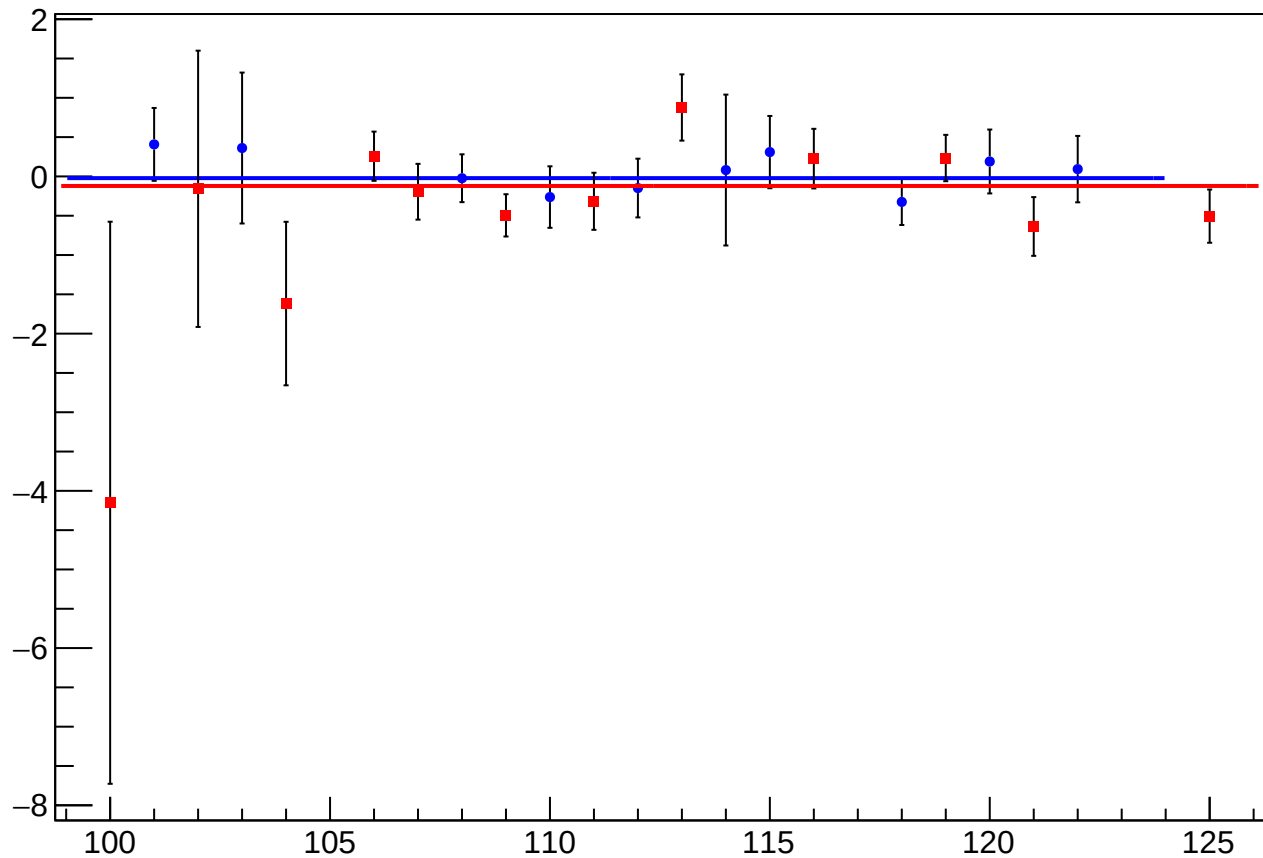
Right: 0.000+/-0.000 χ^2/NDF : 2039799.0/21

In: 0.000+/-0.000 χ^2/NDF :627856.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2039799.0/21

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: -0.121 ± 0.111 χ^2/NDF : 18.2/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

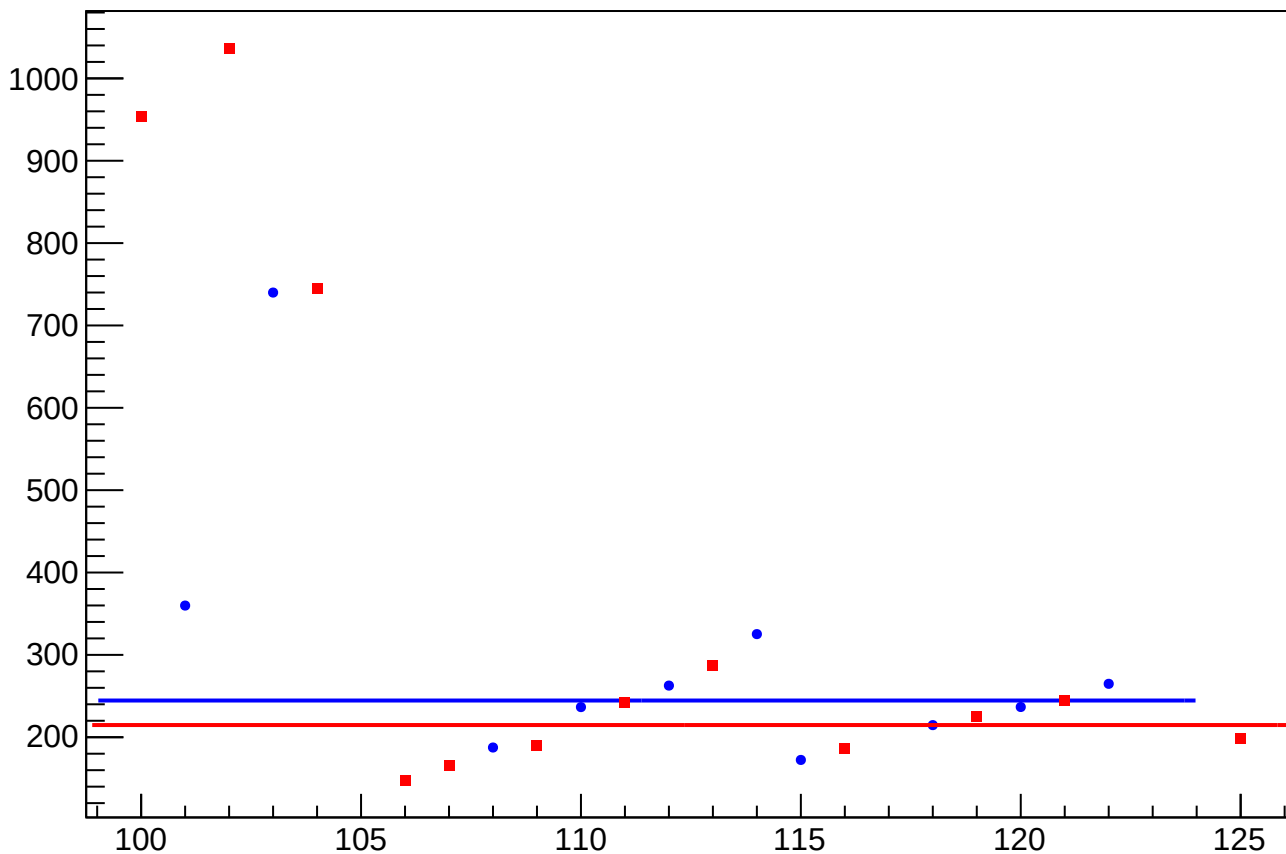
Right: -0.079 ± 0.084 χ^2/NDF : 22.0/21

In: -0.022 ± 0.130 χ^2/NDF : 3.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.079 ± 0.084 χ^2/NDF : 22.0/21

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: 214.809+/-0.079 χ^2/NDF : 1292210.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

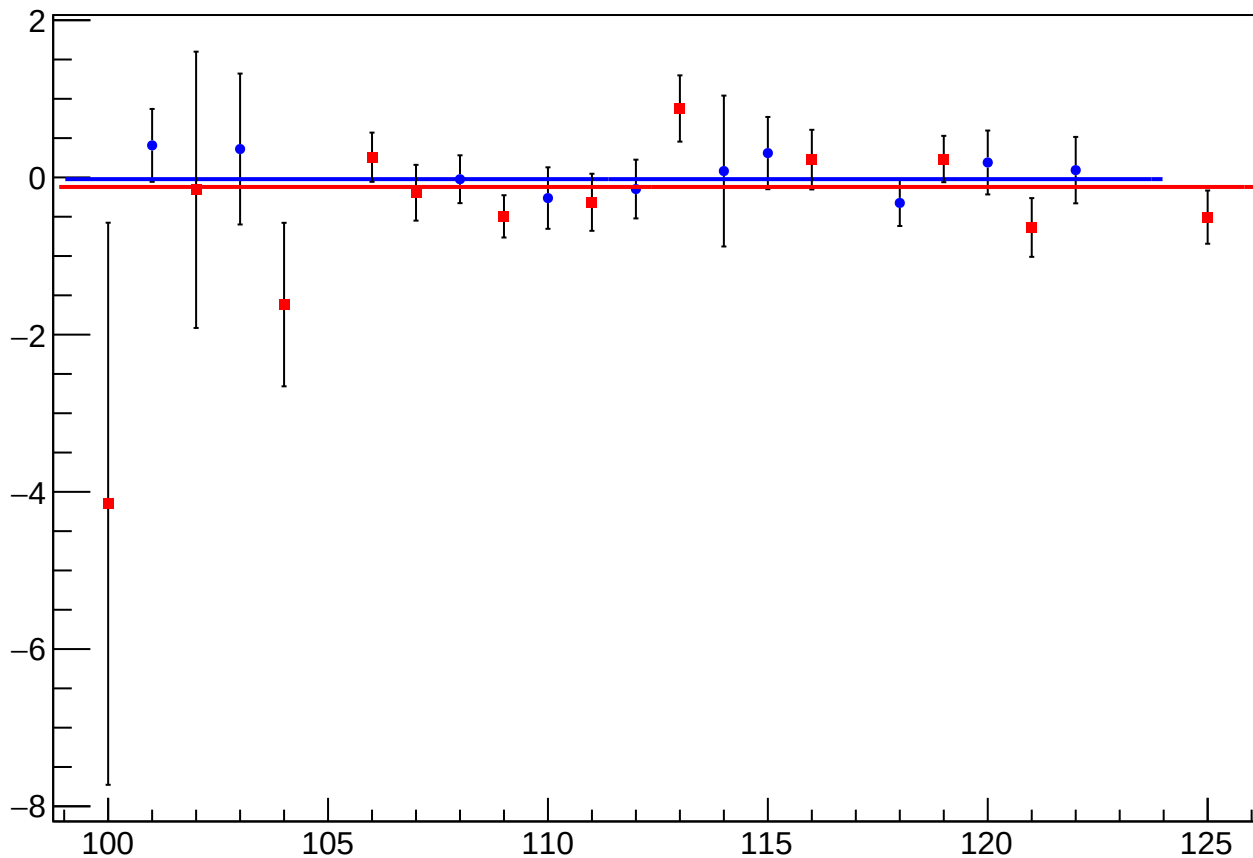
Right: 227.411+/-0.060 χ^2/NDF : 2174772.2/21

In: 244.583+/-0.092 χ^2/NDF : 821865.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.411+/-0.060 χ^2/NDF : 2174772.2/21

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: -0.121 ± 0.111 χ^2/NDF : 18.2/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

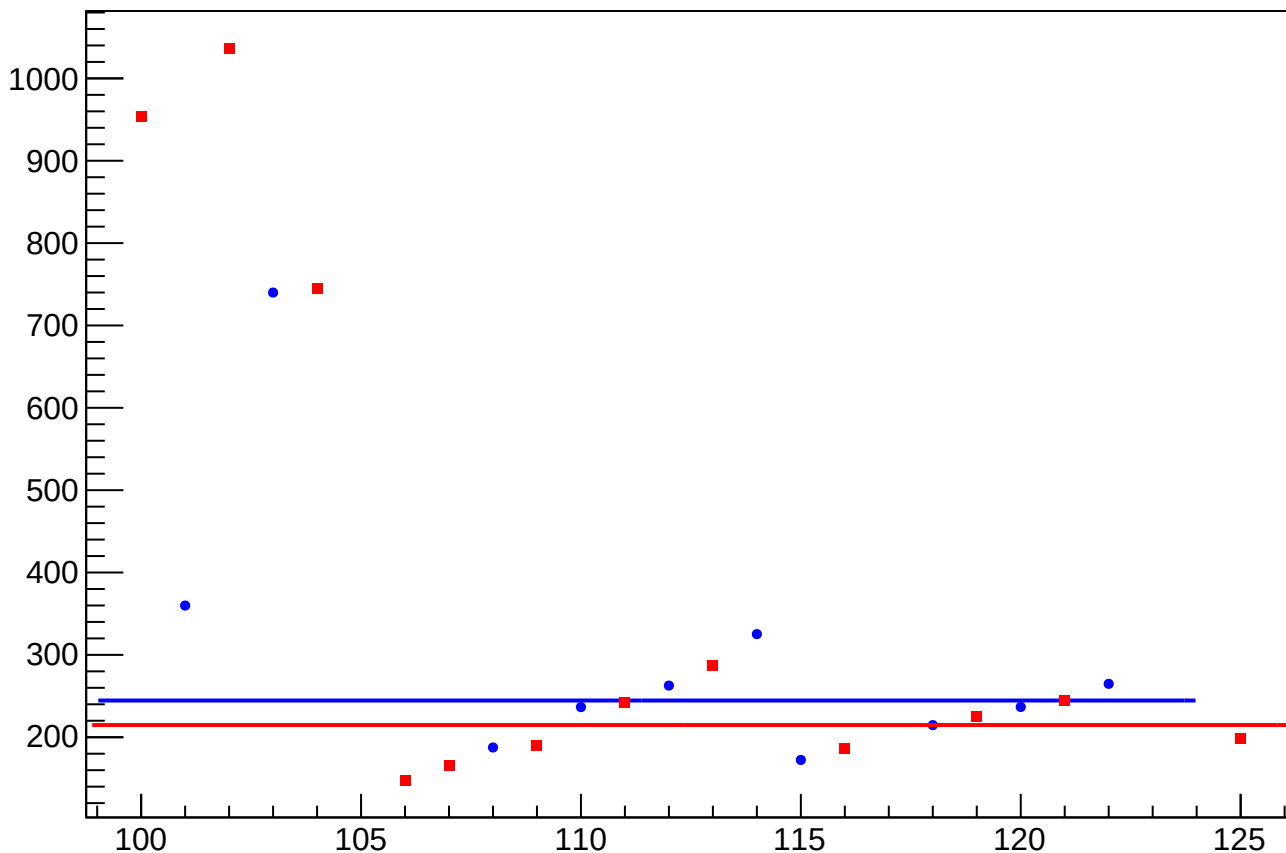
Right: -0.079 ± 0.084 χ^2/NDF : 22.0/21

In: -0.022 ± 0.130 χ^2/NDF : 3.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.079 ± 0.084 χ^2/NDF : 22.0/21

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: 214.809+/-0.079 χ^2/NDF : 1292210.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

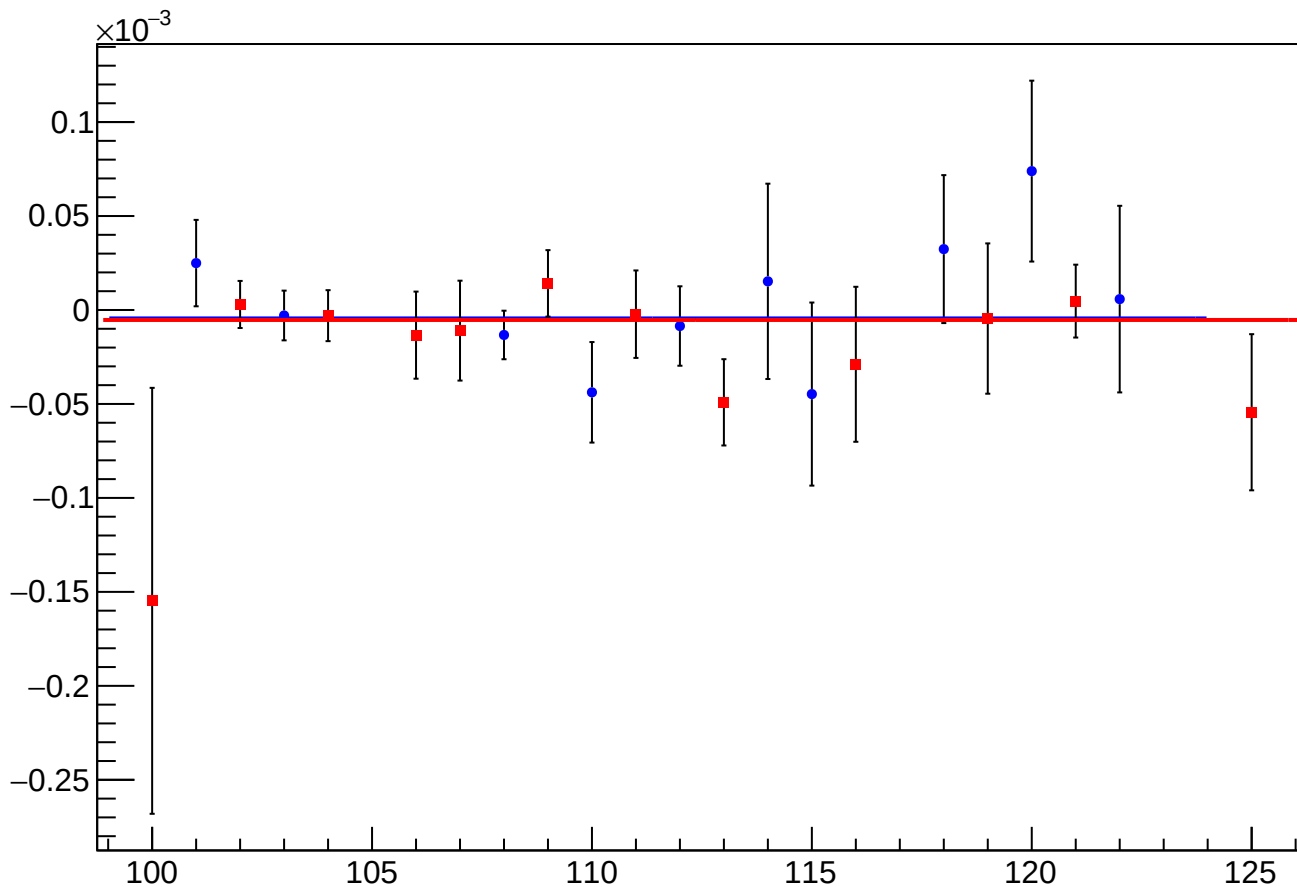
Right: 227.411+/-0.060 χ^2/NDF : 2174772.2/21

In: 244.583+/-0.092 χ^2/NDF : 821865.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.411+/-0.060 χ^2/NDF : 2174772.2/21

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 : 9.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

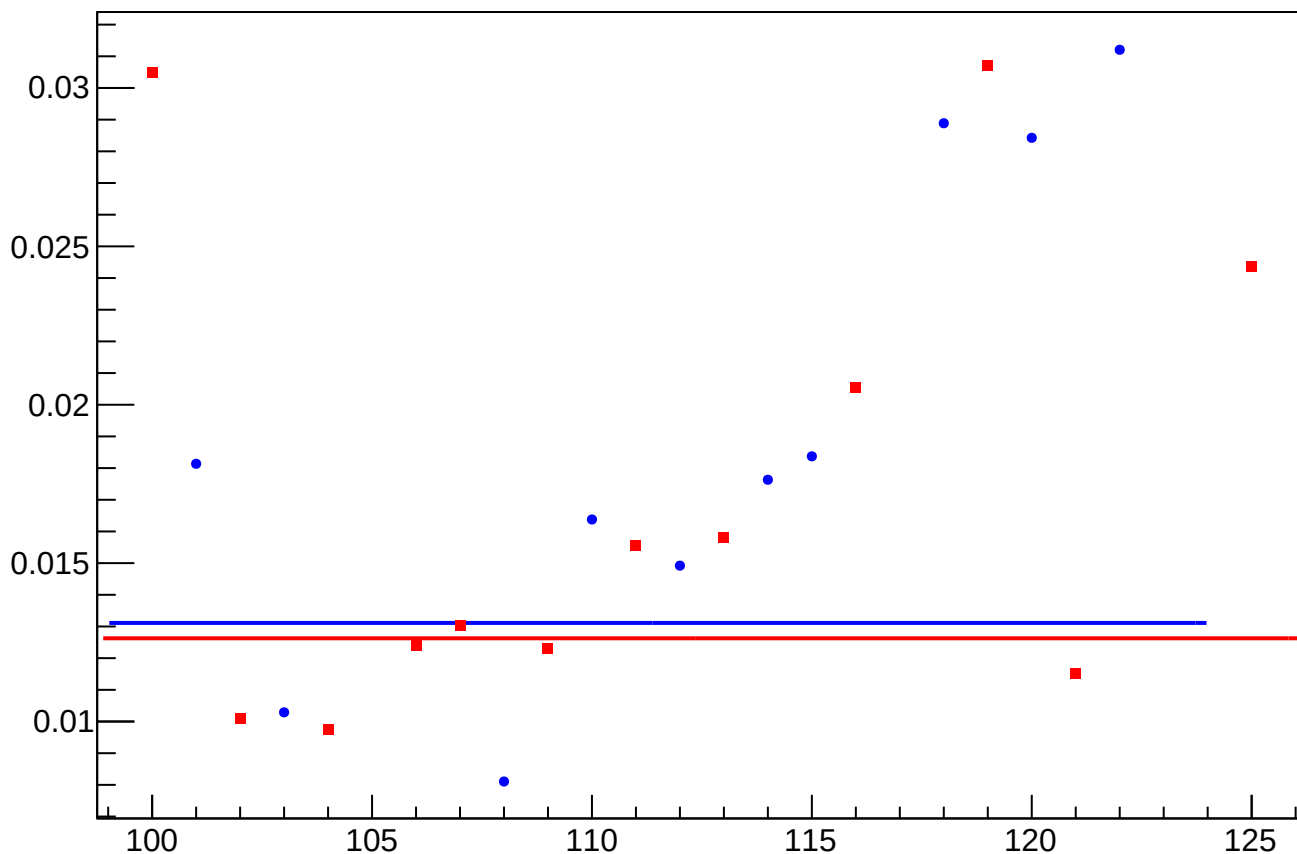
Right: -0.000+/-0.000 χ^2/NDF : 18.0/21

In: -0.000+/-0.000 χ^2/NDF :8.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.0/21

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: 0.013+/-0.000 χ^2/NDF : 941415.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

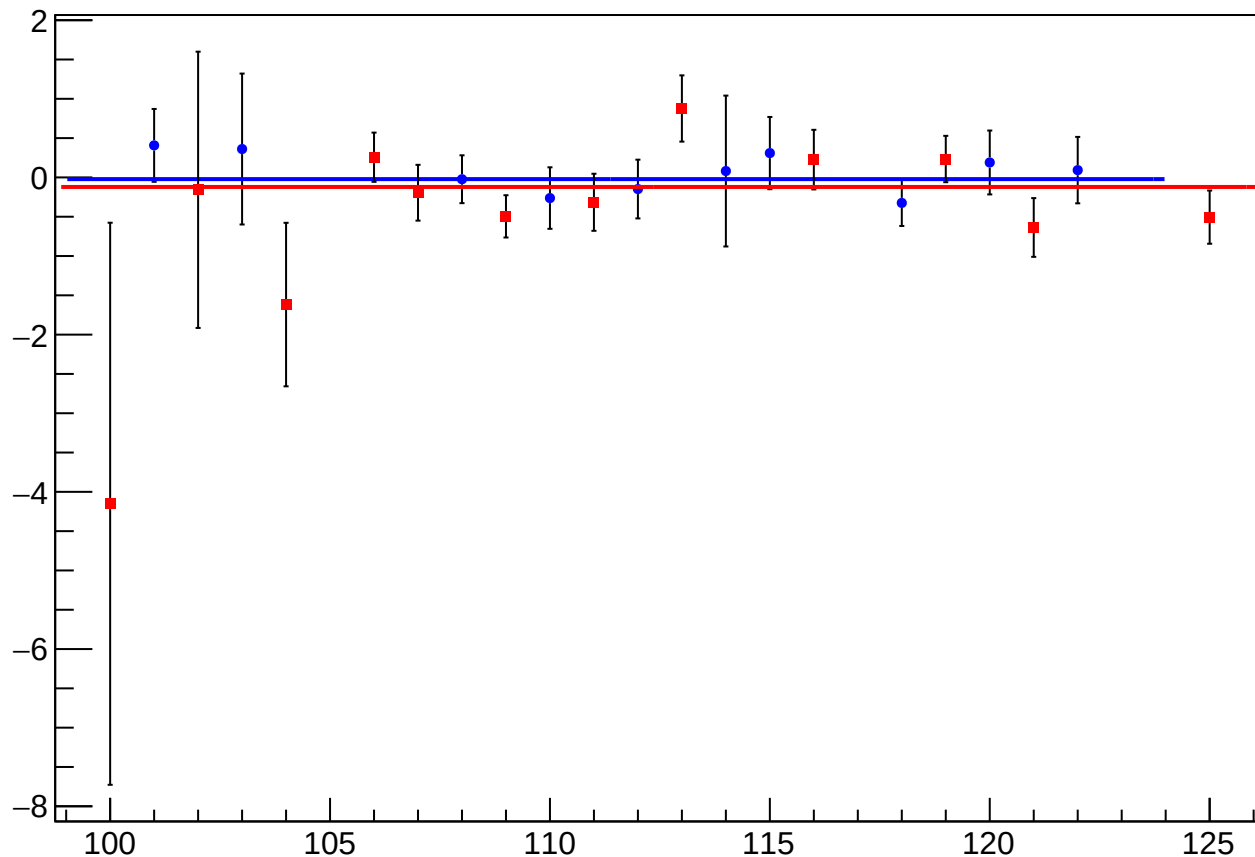
Right: 0.013+/-0.000 χ^2/NDF : 2305979.4/21

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 : 2305979.4/21

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: -0.121 ± 0.111 χ^2/NDF : 18.2/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

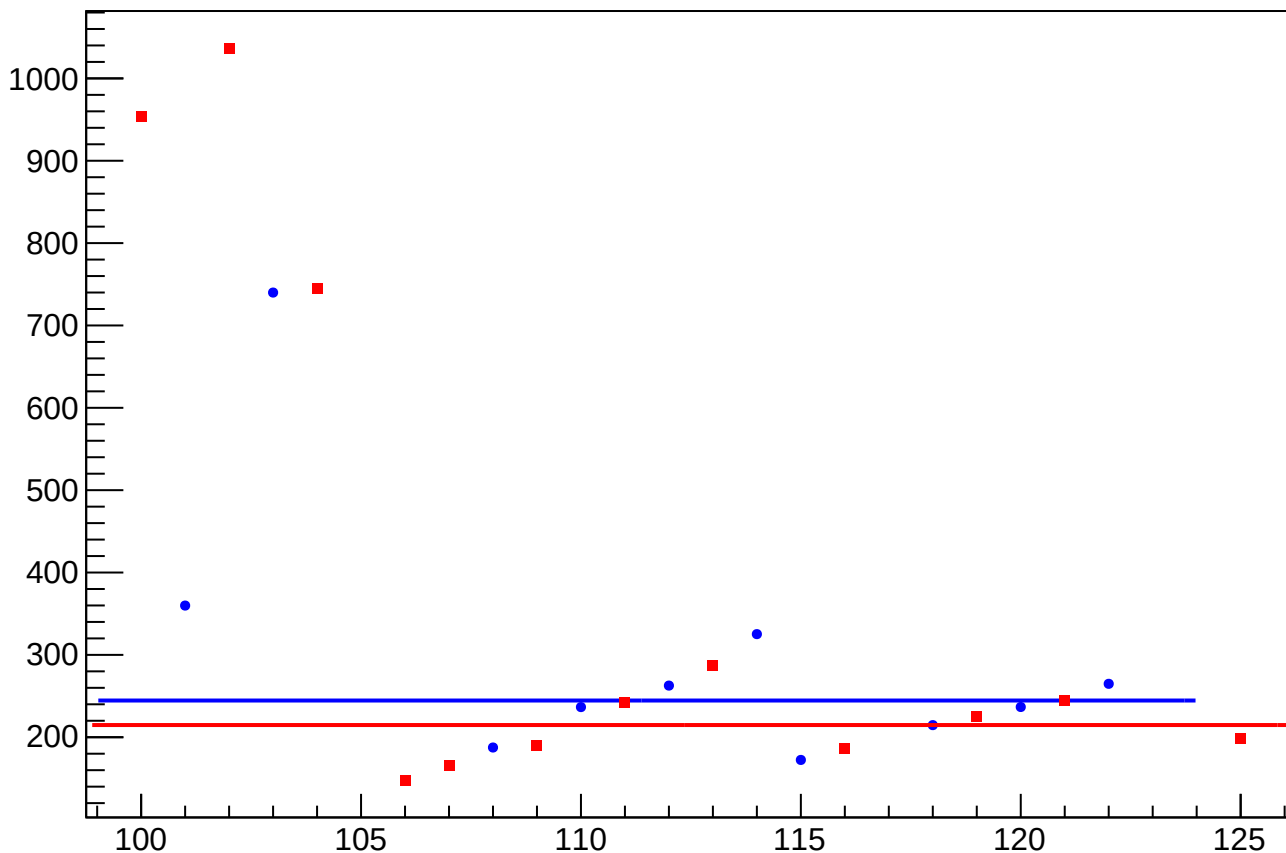
Right: -0.079 ± 0.084 χ^2/NDF : 22.0/21

In: -0.022 ± 0.130 χ^2/NDF : 3.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.079 ± 0.084 χ^2/NDF : 22.0/21

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: 214.810+/-0.079 χ^2/NDF : 1292209.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

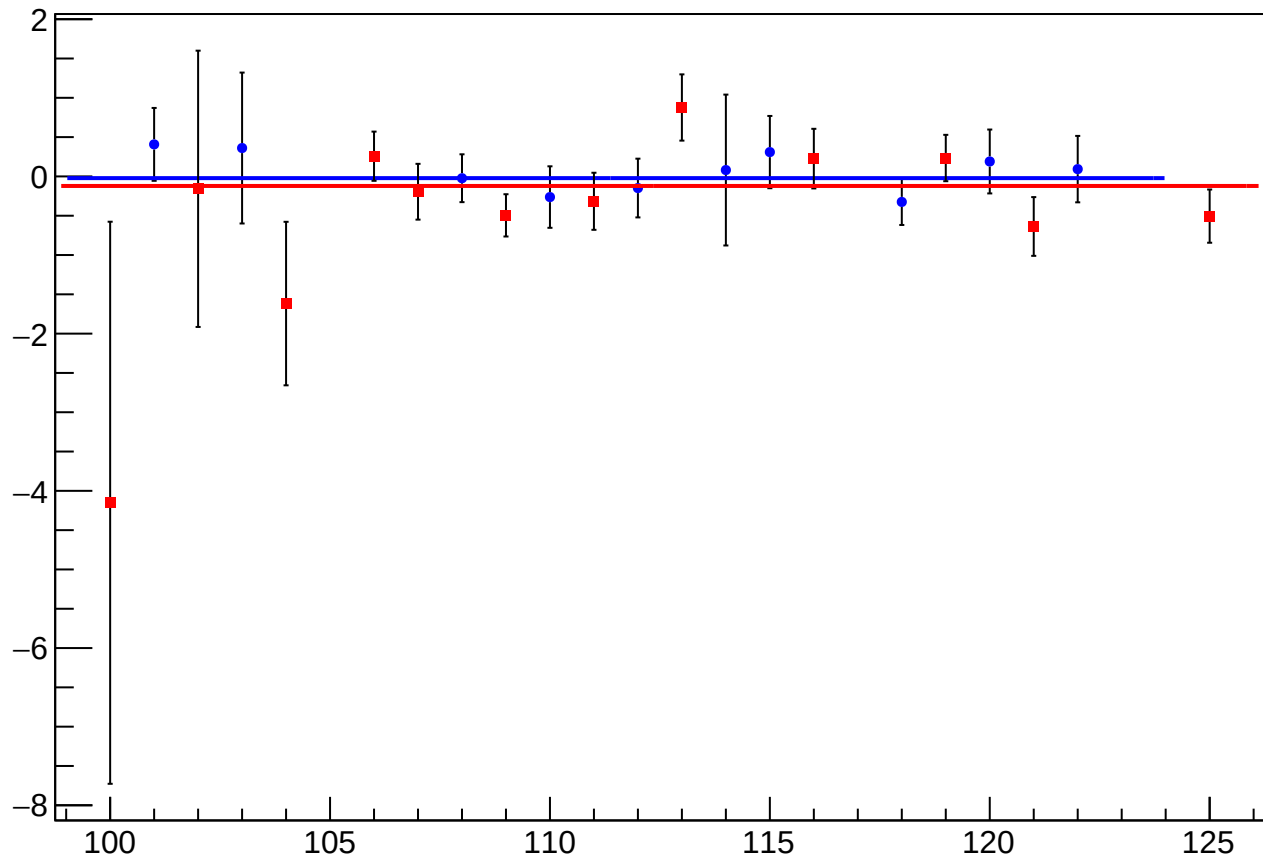
Right: 227.413+/-0.060 χ^2/NDF : 2174752.5/21

In: 244.584+/-0.092 χ^2/NDF : 821848.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.413+/-0.060 χ^2/NDF : 2174752.5/21

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: -0.121 ± 0.111 χ^2/NDF : 18.2/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

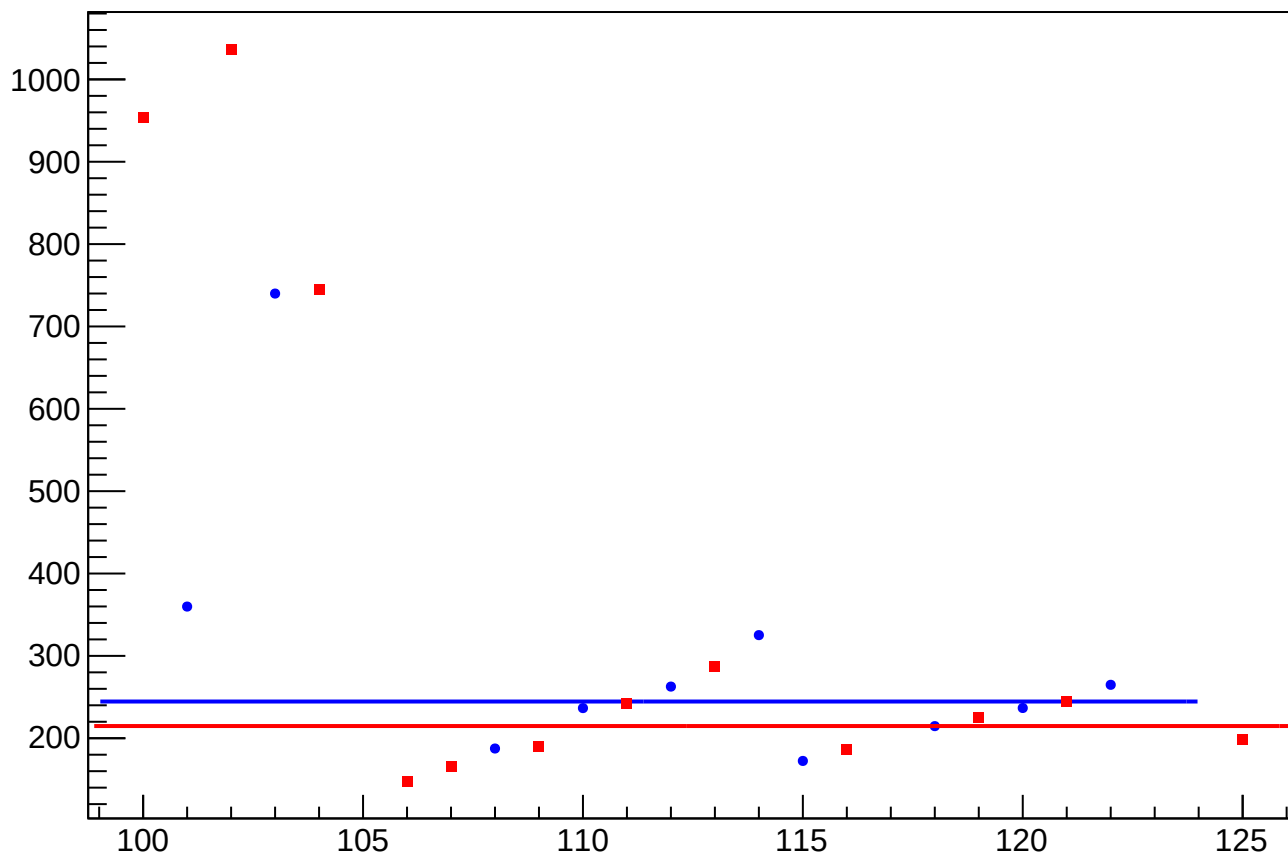
Right: -0.079 ± 0.084 χ^2/NDF : 22.0/21

In: -0.022 ± 0.130 χ^2/NDF : 3.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.079 ± 0.084 χ^2/NDF : 22.0/21

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: 214.810+/-0.079 χ^2/NDF : 1292209.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

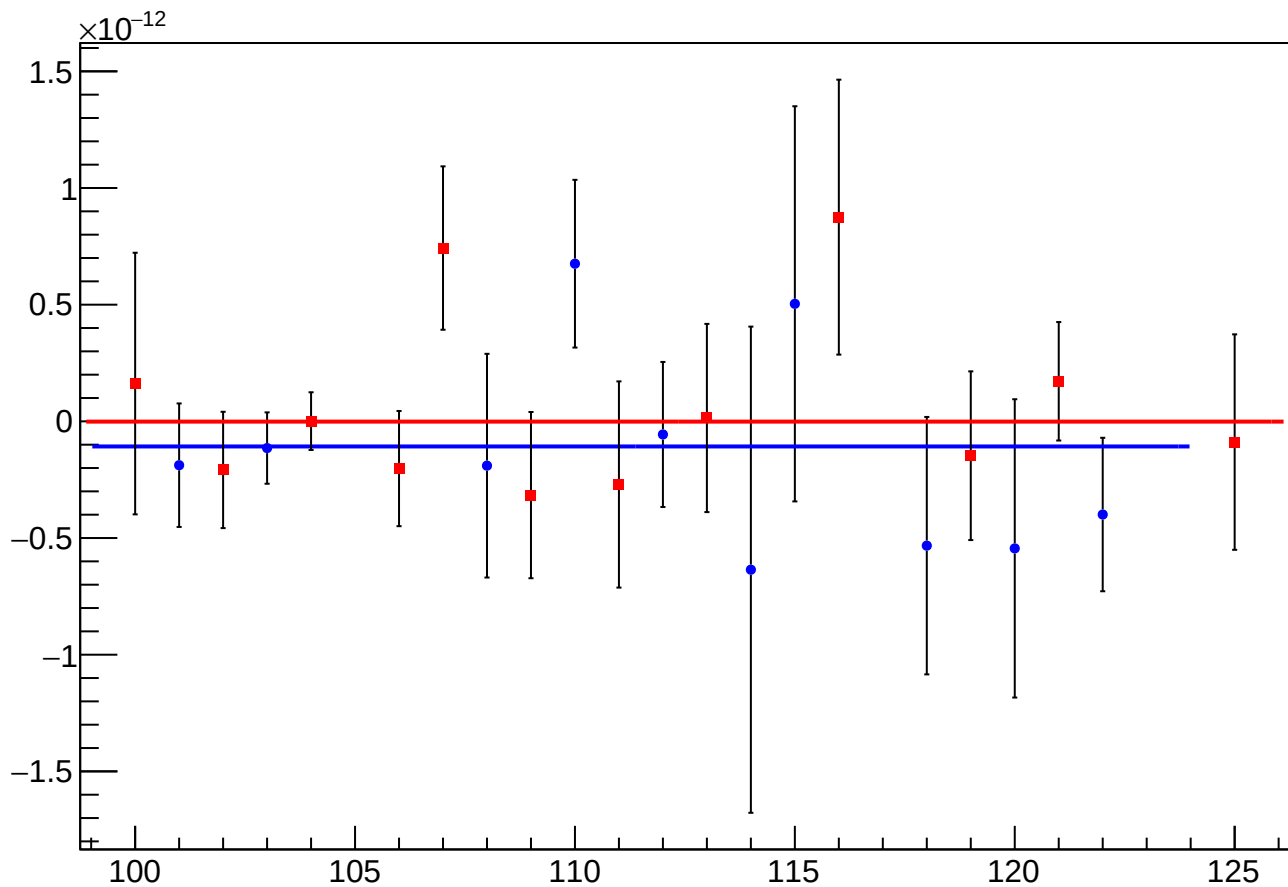
Right: 227.413+/-0.060 χ^2/NDF : 2174752.5/21

In: 244.584+/-0.092 χ^2/NDF :821848.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 227.413+/-0.060 χ^2/NDF : 2174752.5/21

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 : 10.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

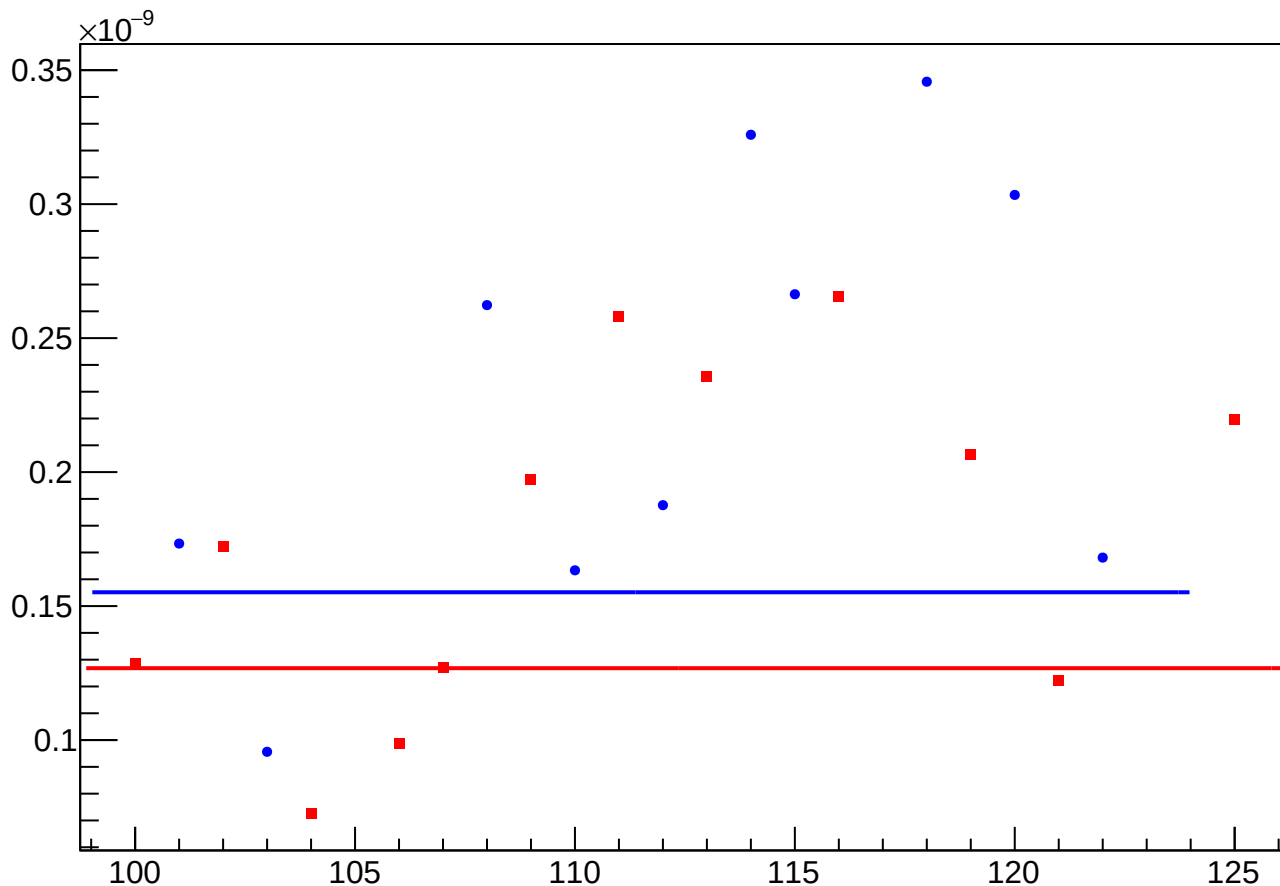
Right: -0.000+/-0.000 χ^2/NDF : 18.2/21

In: -0.000+/-0.000 χ^2/NDF :7.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.2/21

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 : 1167157.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

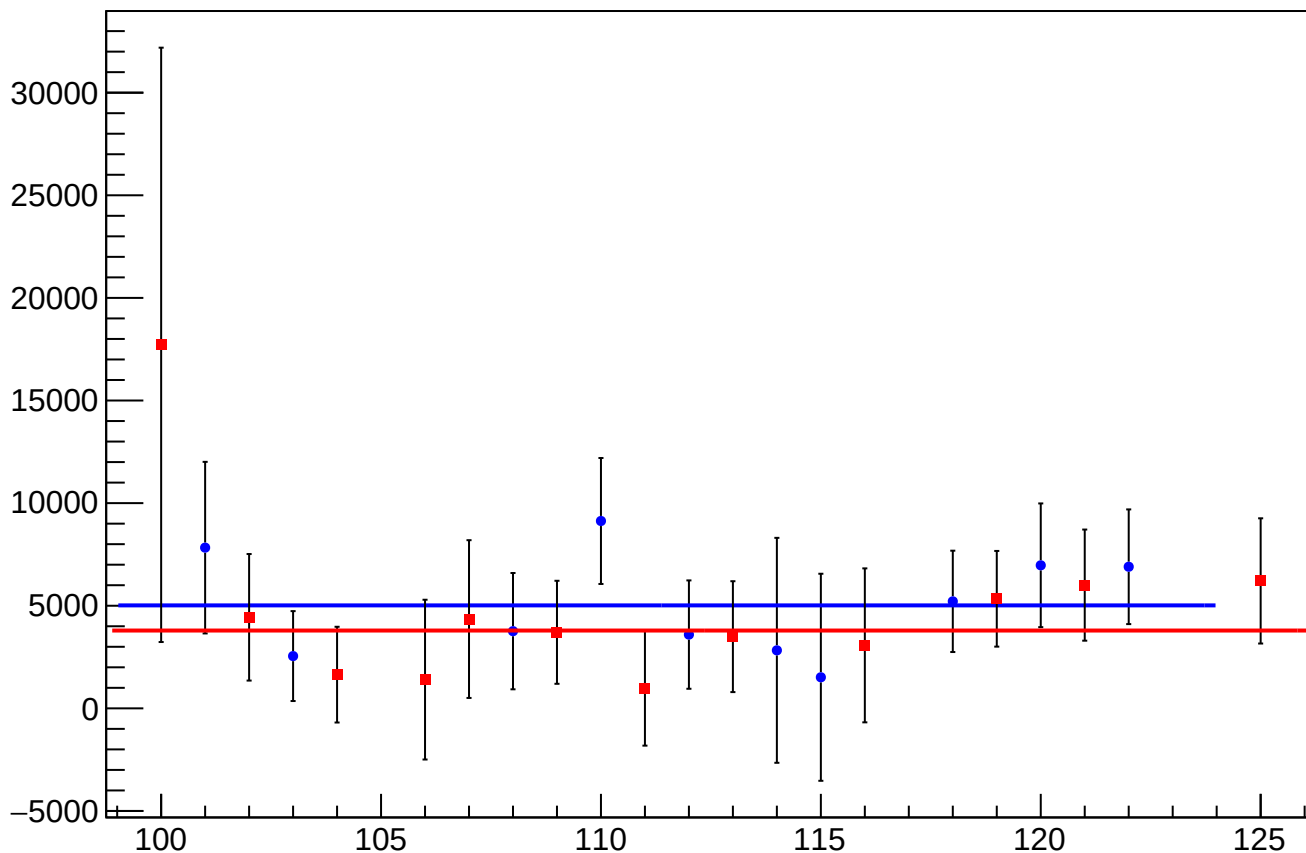
Right: 0.000+/-0.000 χ^2/NDF : 2136942.0/21

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 : 2136942.0/21

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: 3791.964+/-860.658 χ^2/NDF : 5.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

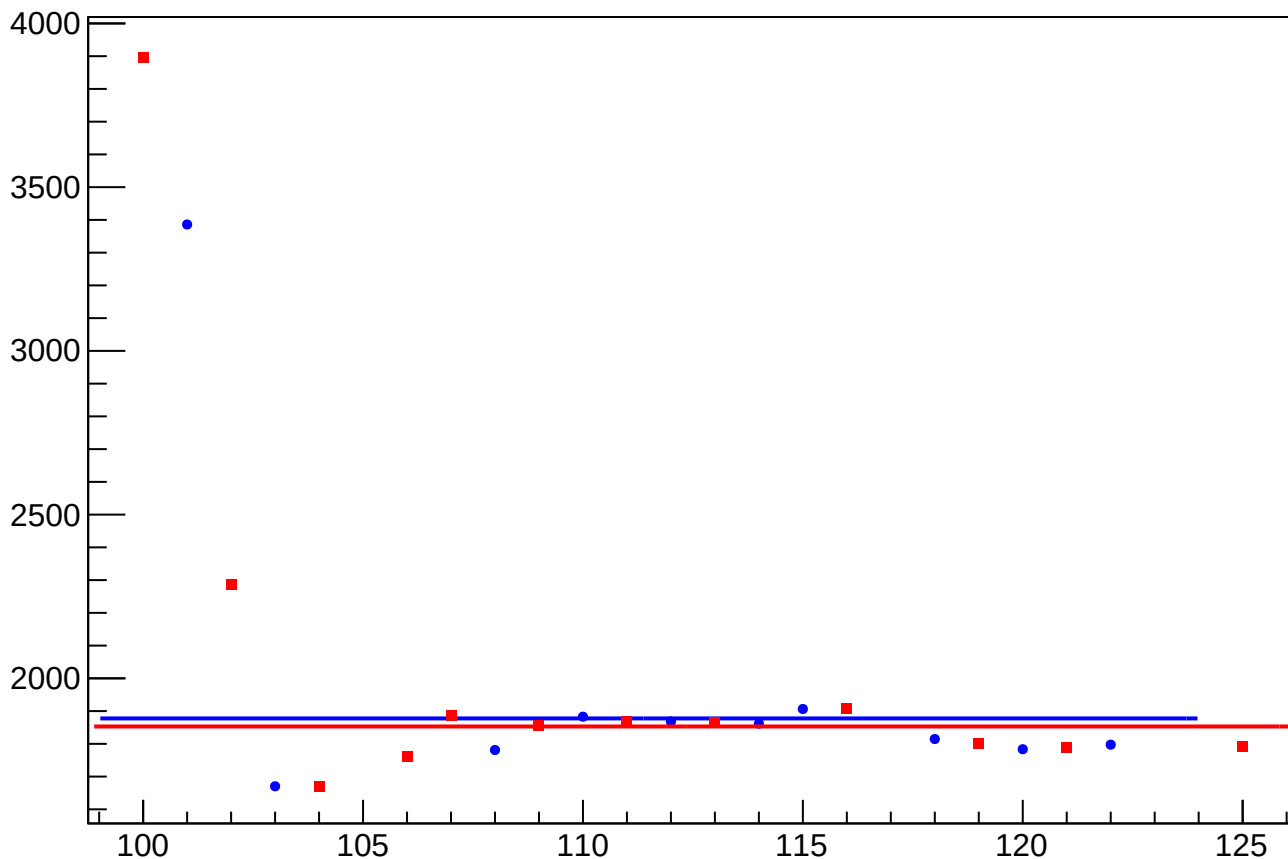
Right: 4346.077+/-636.979 χ^2/NDF : 11.5/21

In: 5017.225+/-947.197 χ^2/NDF : 5.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4346.077+/-636.979 χ^2/NDF : 11.5/21

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: 1853.014+/-0.606 χ^2/NDF : 96614.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

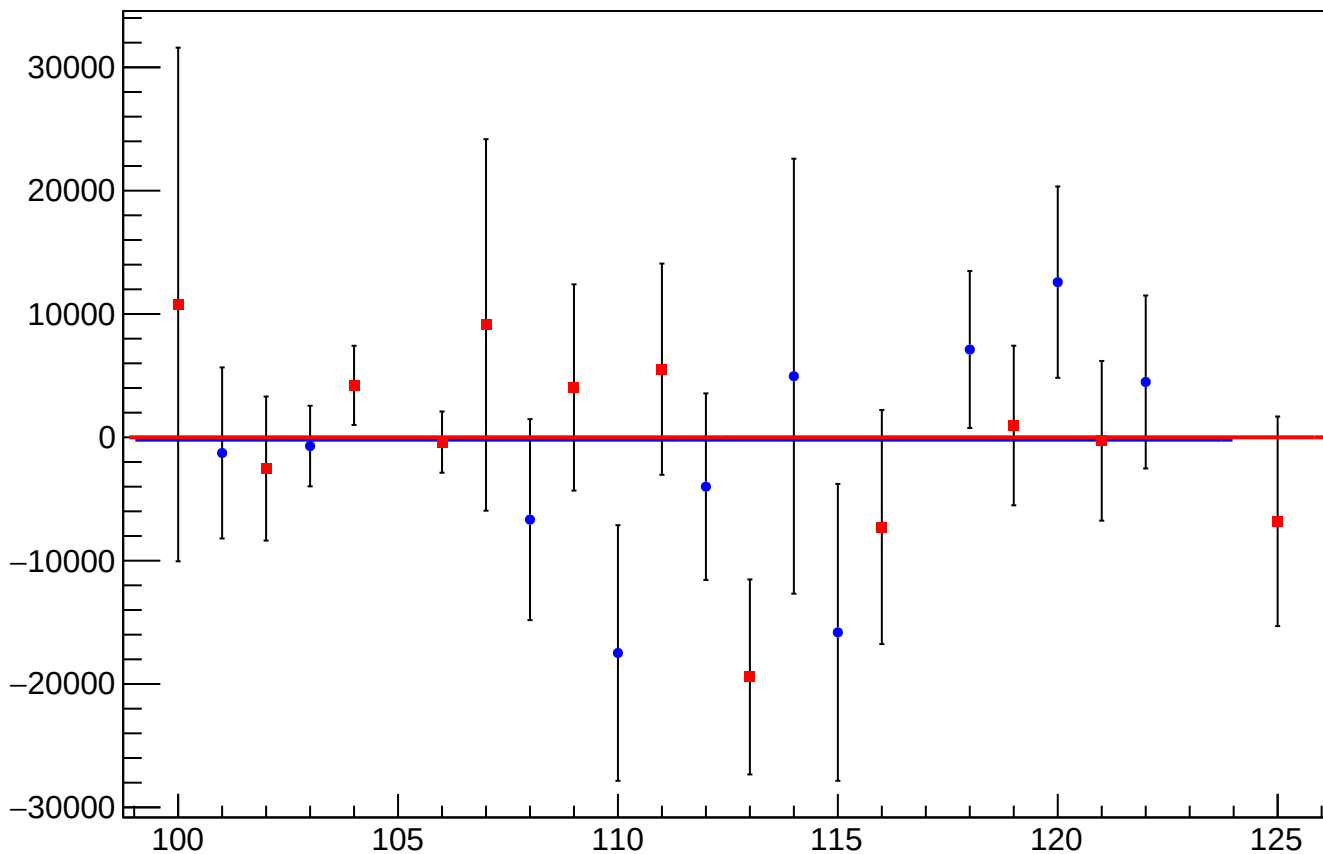
Right: 1864.069+/-0.449 χ^2/NDF : 383002.3/21

In: 1877.584+/-0.670 χ^2/NDF : 285647.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1864.069+/-0.449 χ^2/NDF : 383002.3/21

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: 1.445+/-1557.659 χ^2/NDF : 10.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

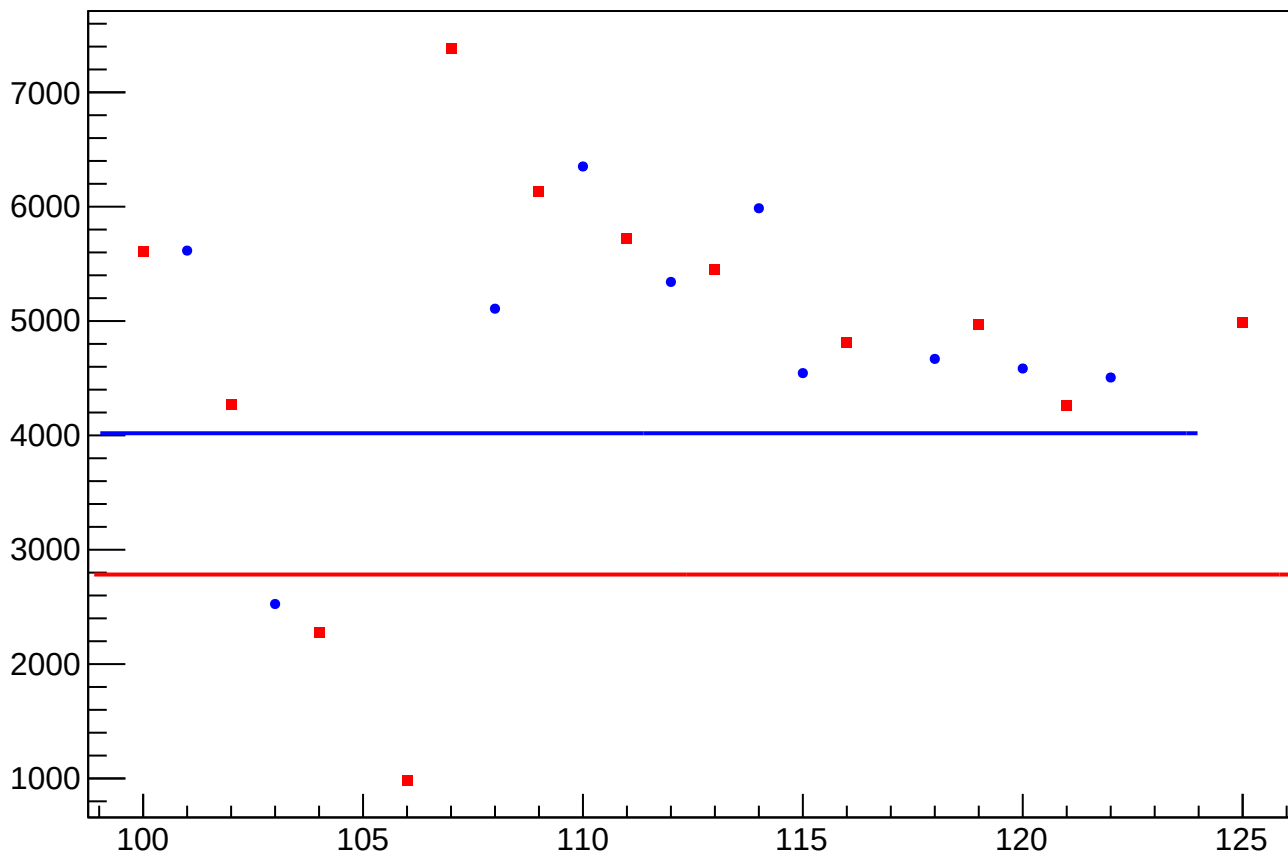
Right: -66.155+/-1249.768 χ^2/NDF : 20.5/21

In: -188.305+/-2093.865 χ^2/NDF : 10.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -66.155+/-1249.768 χ^2/NDF : 20.5/21

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: 2783.279+/-1.101 χ^2/NDF : 2798929.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

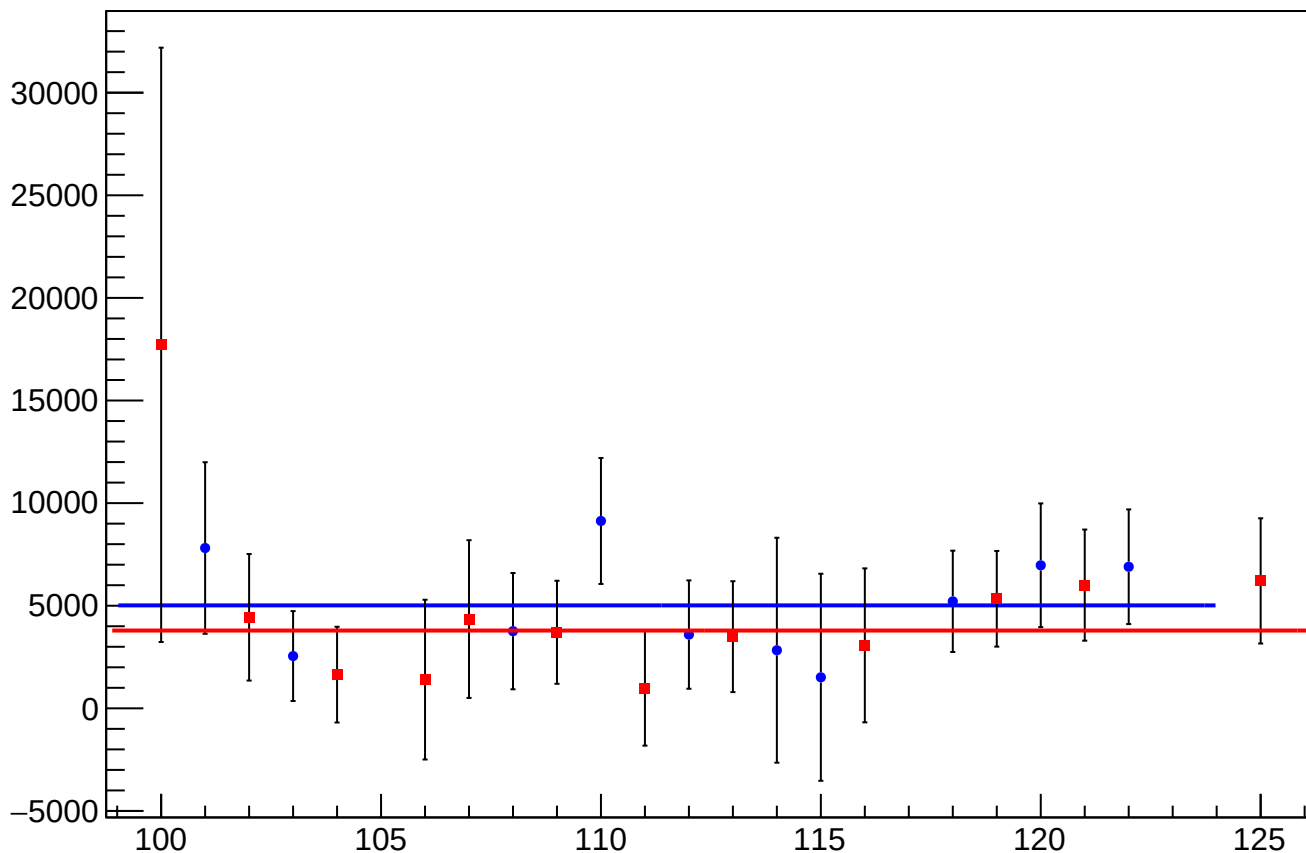
Right: 3223.410+/-0.884 χ^2/NDF : 4039137.9/21

In: 4018.717+/-1.481 χ^2/NDF : 791990.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3223.410+/-0.884 χ^2/NDF : 4039137.9/21

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: 3791.661+/-860.658 χ^2/NDF : 5.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

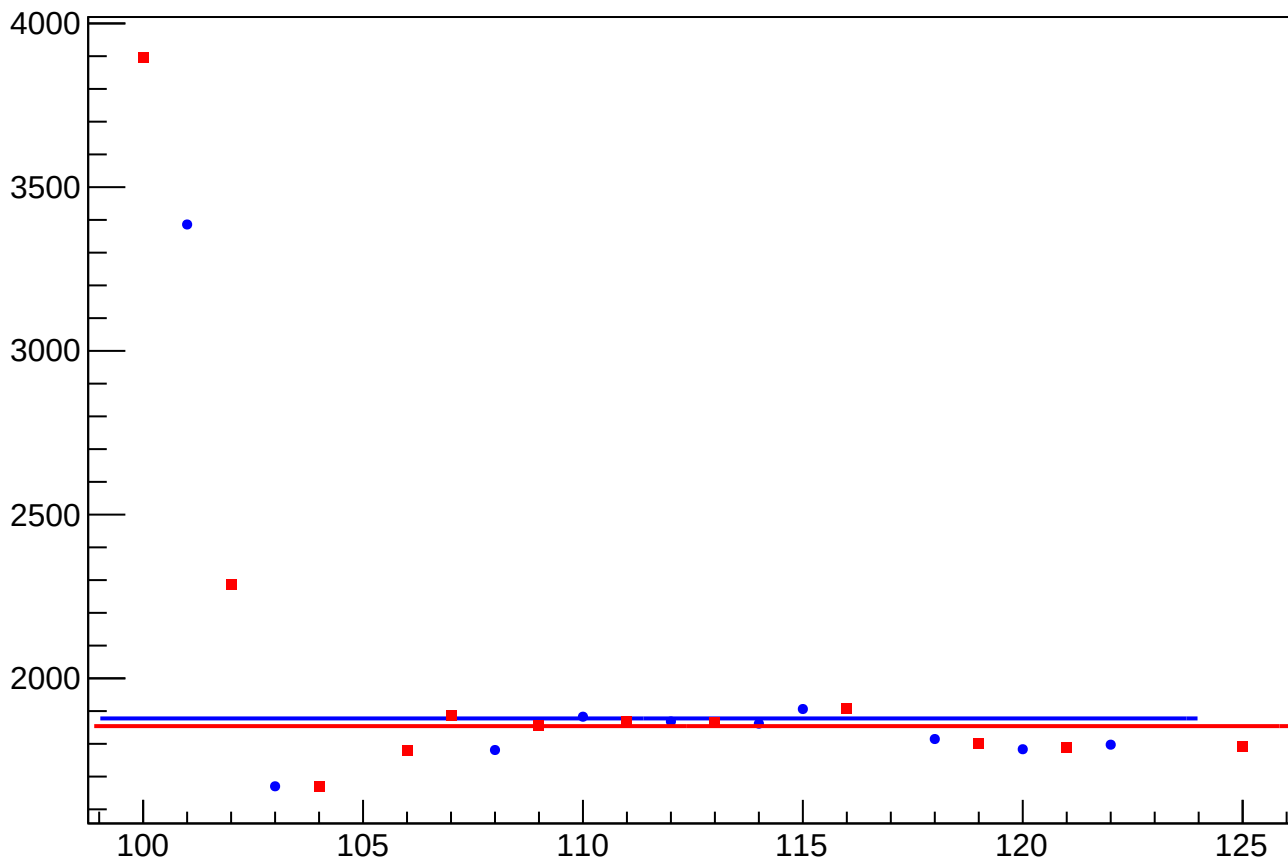
Right: 4345.595+/-636.979 χ^2/NDF : 11.5/21

In: 5016.527+/-947.197 χ^2/NDF :5.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4345.595+/-636.979 χ^2/NDF : 11.5/21

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: 1854.091+/-0.606 χ^2/NDF : 96146.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

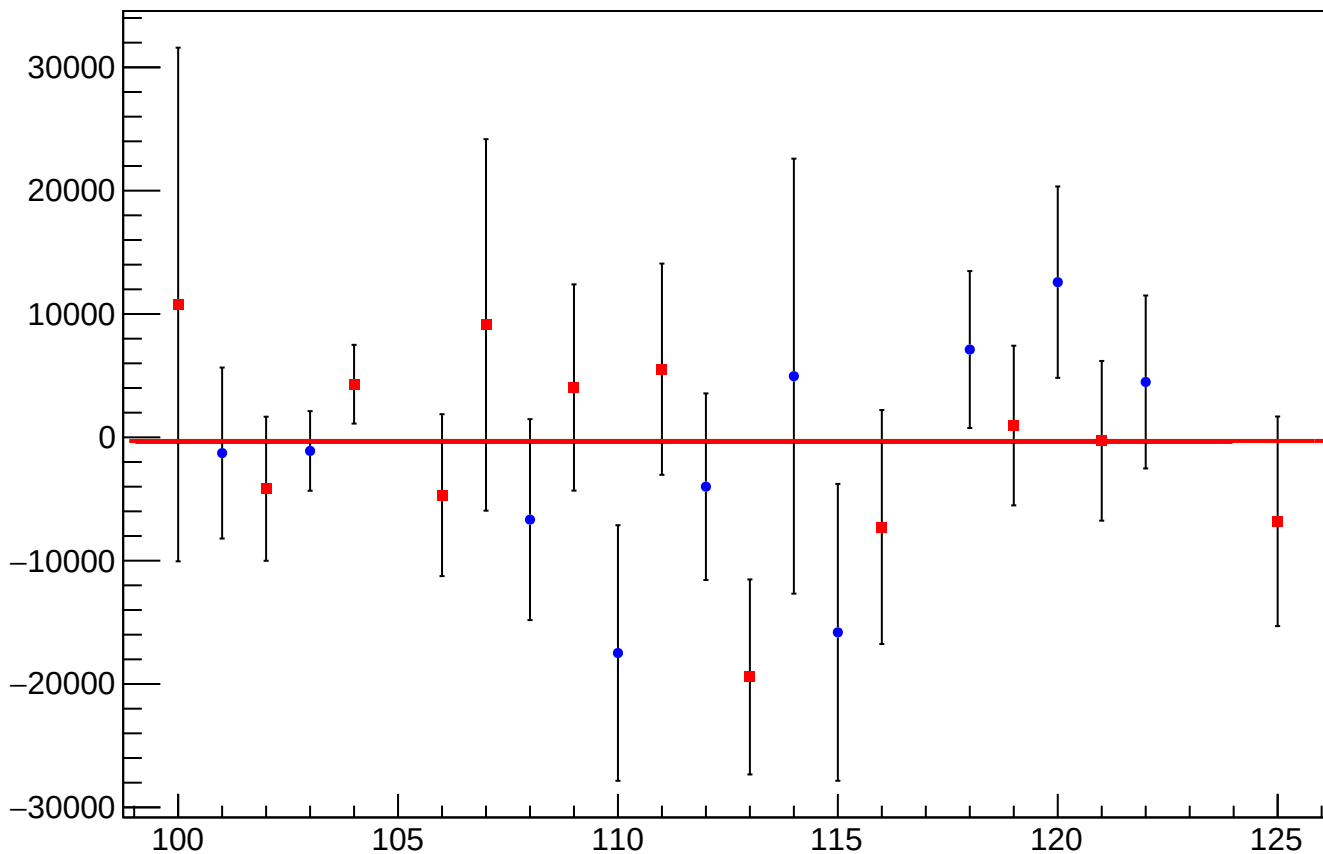
Right: 1864.667+/-0.449 χ^2/NDF : 382471.7/21

In: 1877.584+/-0.670 χ^2/NDF : 285649.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1864.667+/-0.449 χ^2/NDF : 382471.7/21

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: -292.762+/-1910.650 χ^2/NDF : 11.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

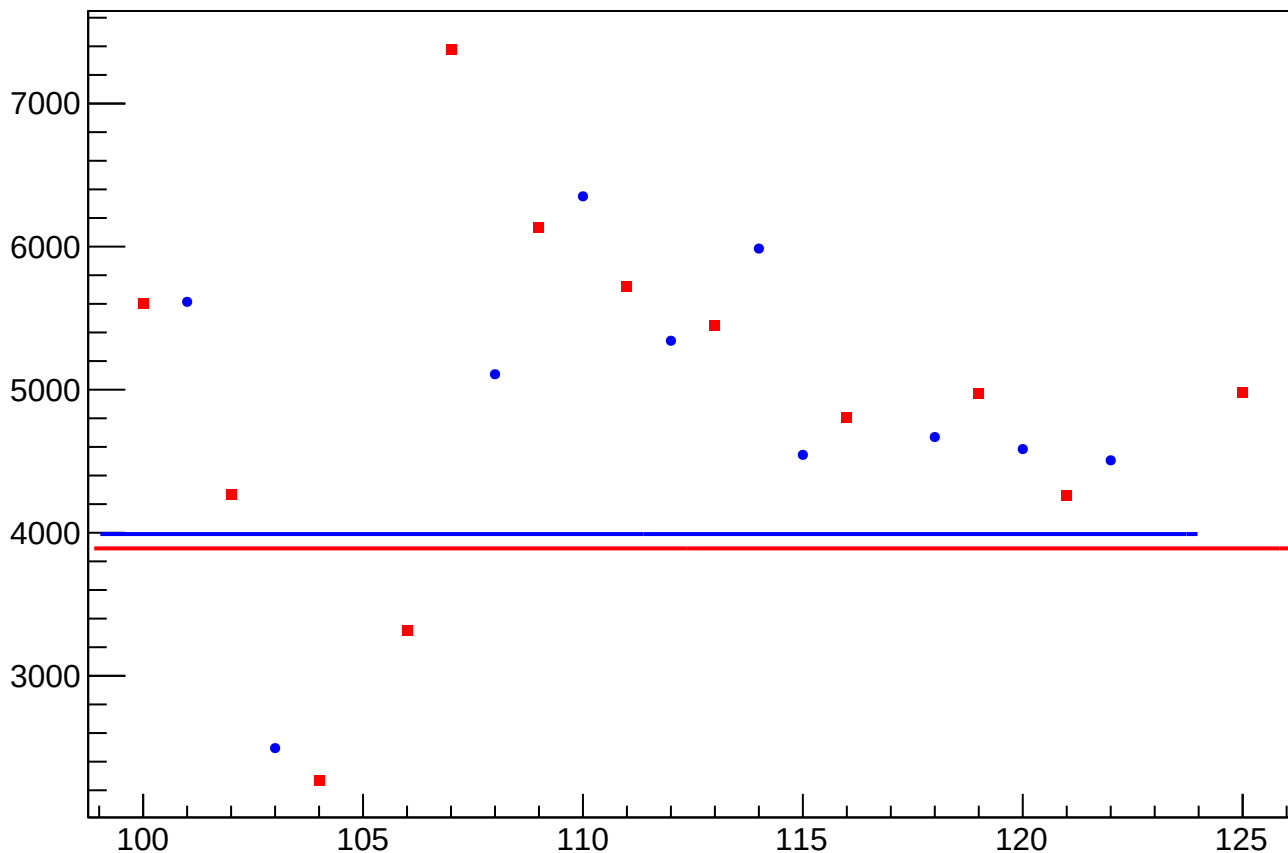
Right: -322.755+/-1408.135 χ^2/NDF : 21.4/21

In: -358.416+/-2083.347 χ^2/NDF : 10.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -322.755+/-1408.135 χ^2/NDF : 21.4/21

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: 3890.575+/-1.351 χ^2/NDF : 1087505.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

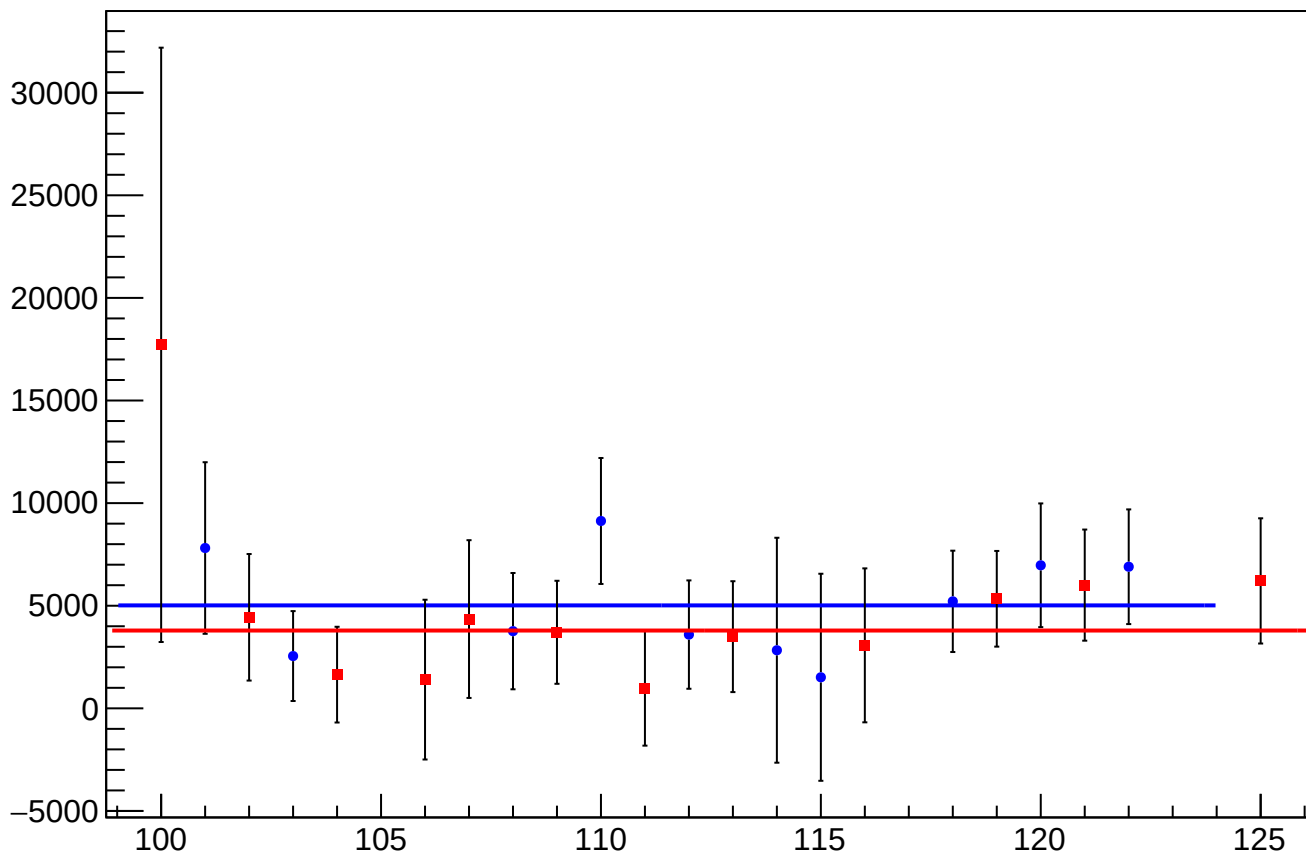
Right: 3936.409+/-0.996 χ^2/NDF : 1909607.1/21

In: 3990.902+/-1.473 χ^2/NDF : 819582.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3936.409+/-0.996 χ^2/NDF : 1909607.1/21

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: 3791.661+/-860.658 χ^2/NDF : 5.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

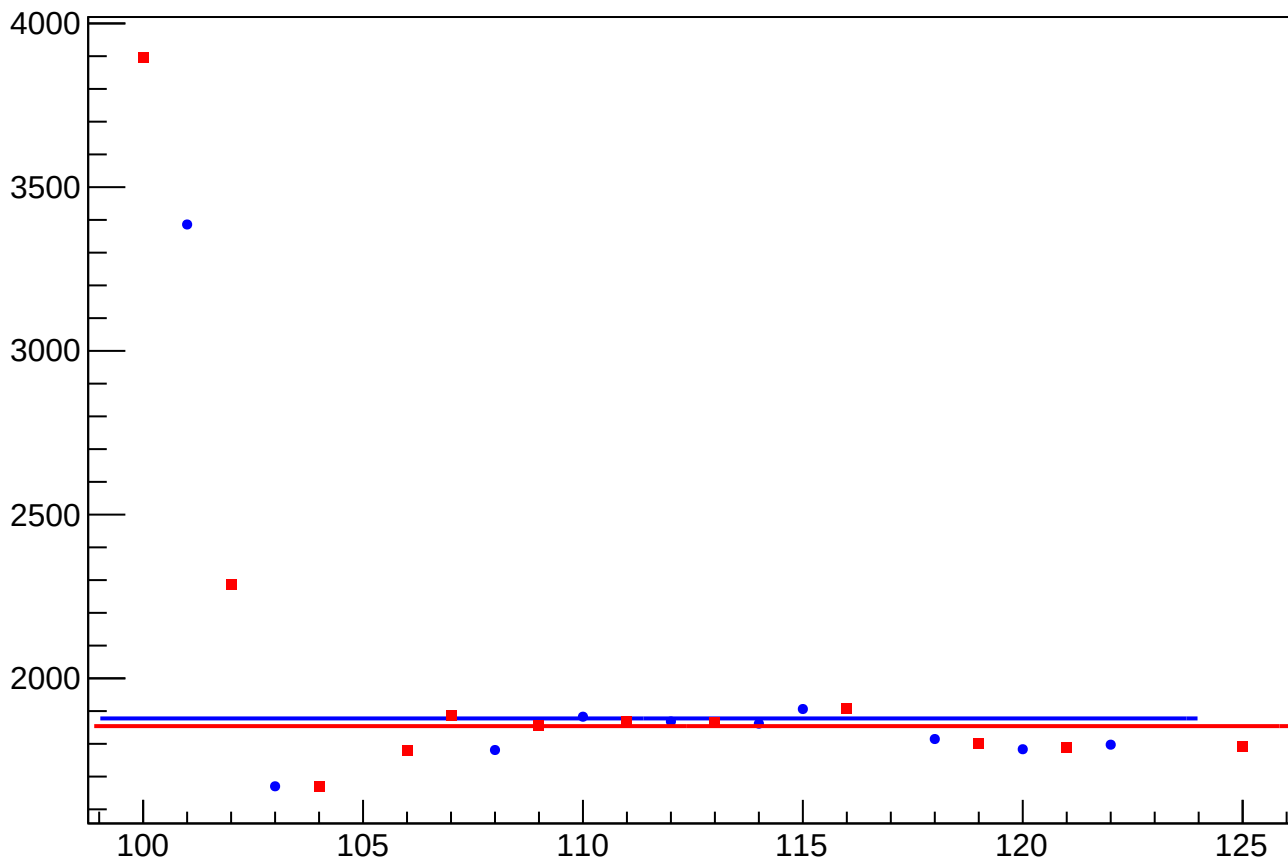
Right: 4345.595+/-636.979 χ^2/NDF : 11.5/21

In: 5016.527+/-947.197 χ^2/NDF :5.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4345.595+/-636.979 χ^2/NDF : 11.5/21

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: 1854.091+/-0.606 χ^2/NDF : 96146.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

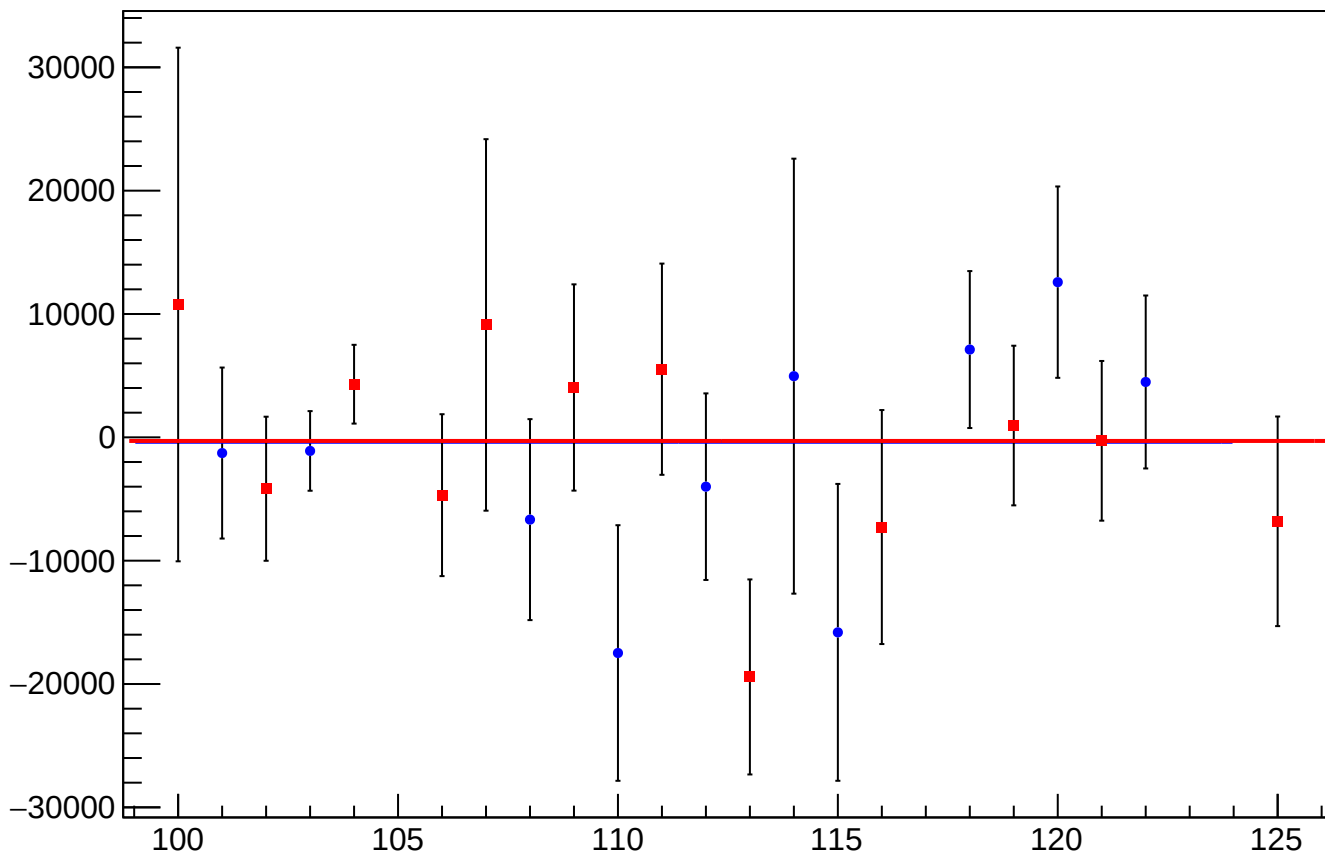
Right: 1864.667+/-0.449 χ^2/NDF : 382471.7/21

In: 1877.584+/-0.670 χ^2/NDF : 285649.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1864.667+/-0.449 χ^2/NDF : 382471.7/21

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: -292.762+/-1910.650 χ^2/NDF : 11.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

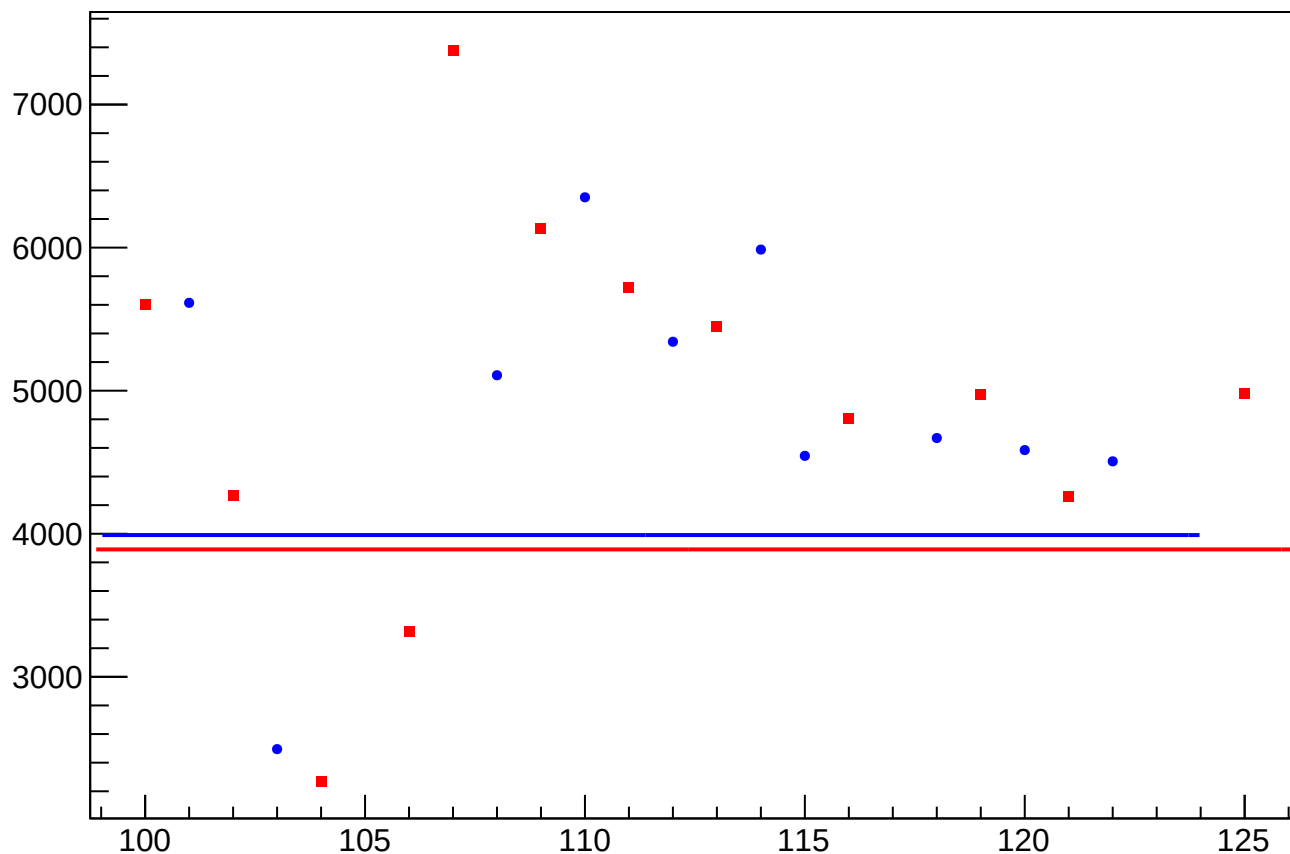
Right: -322.755+/-1408.135 χ^2/NDF : 21.4/21

In: -358.416+/-2083.347 χ^2/NDF : 10.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -322.755+/-1408.135 χ^2/NDF : 21.4/21

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: 3890.575+/-1.351 χ^2/NDF : 1087505.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

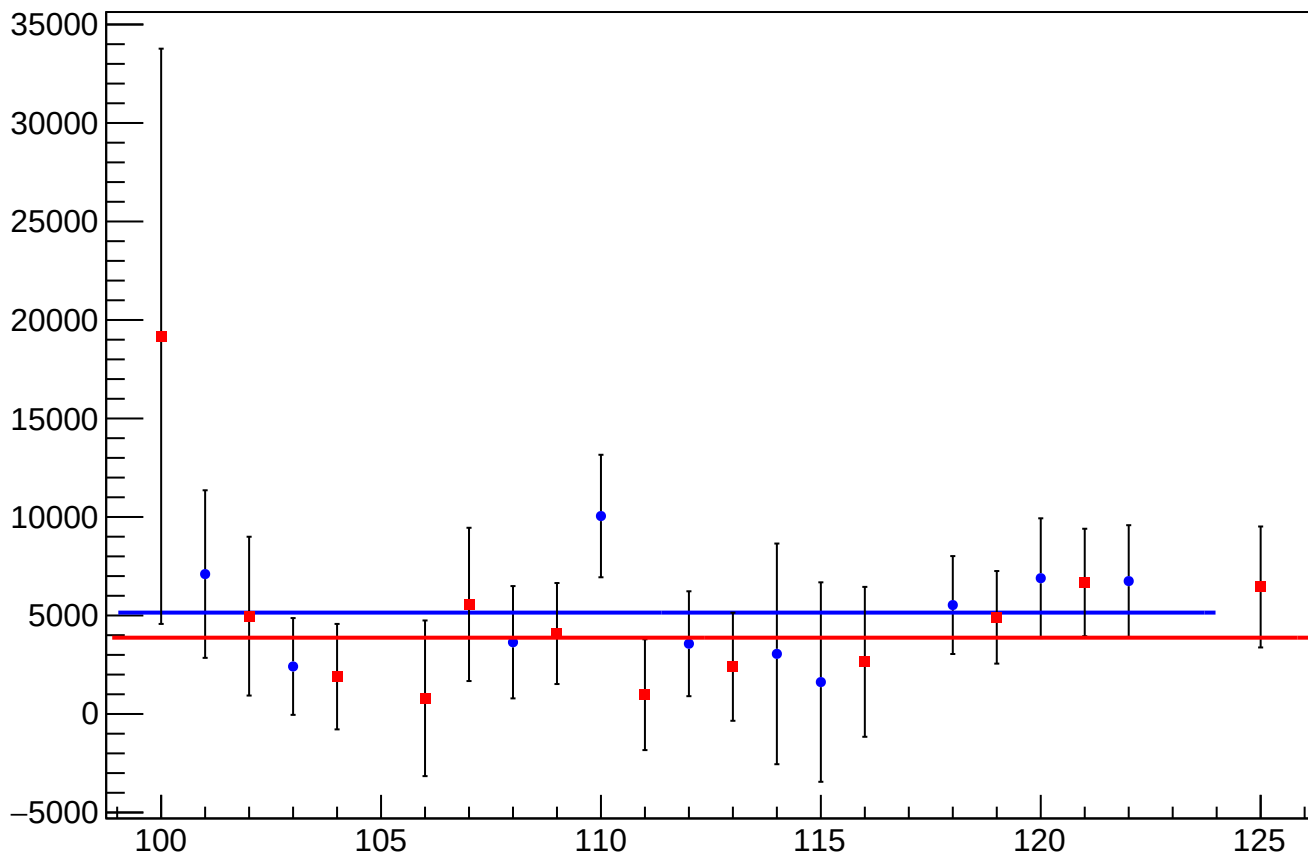
Right: 3936.409+/-0.996 χ^2/NDF : 1909607.1/21

In: 3990.902+/-1.473 χ^2/NDF :819582.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3936.409+/-0.996 χ^2/NDF : 1909607.1/21

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: 3873.203+/-898.724 χ^2/NDF : 5.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

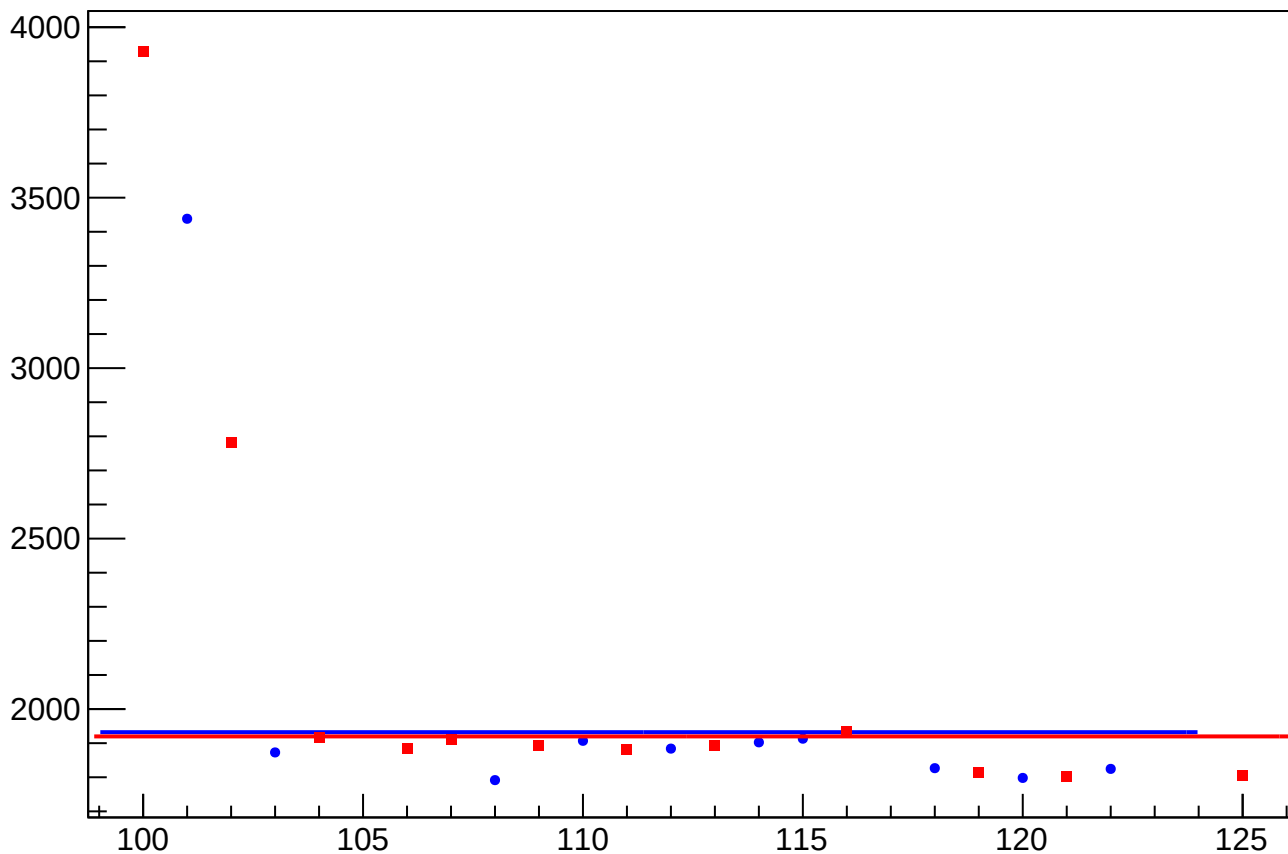
Right: 4458.581+/-660.525 χ^2/NDF : 12.7/21

In: 5146.220+/-974.066 χ^2/NDF : 5.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4458.581+/-660.525 χ^2/NDF : 12.7/21

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: 1919.808+/-0.634 χ^2/NDF : 140877.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

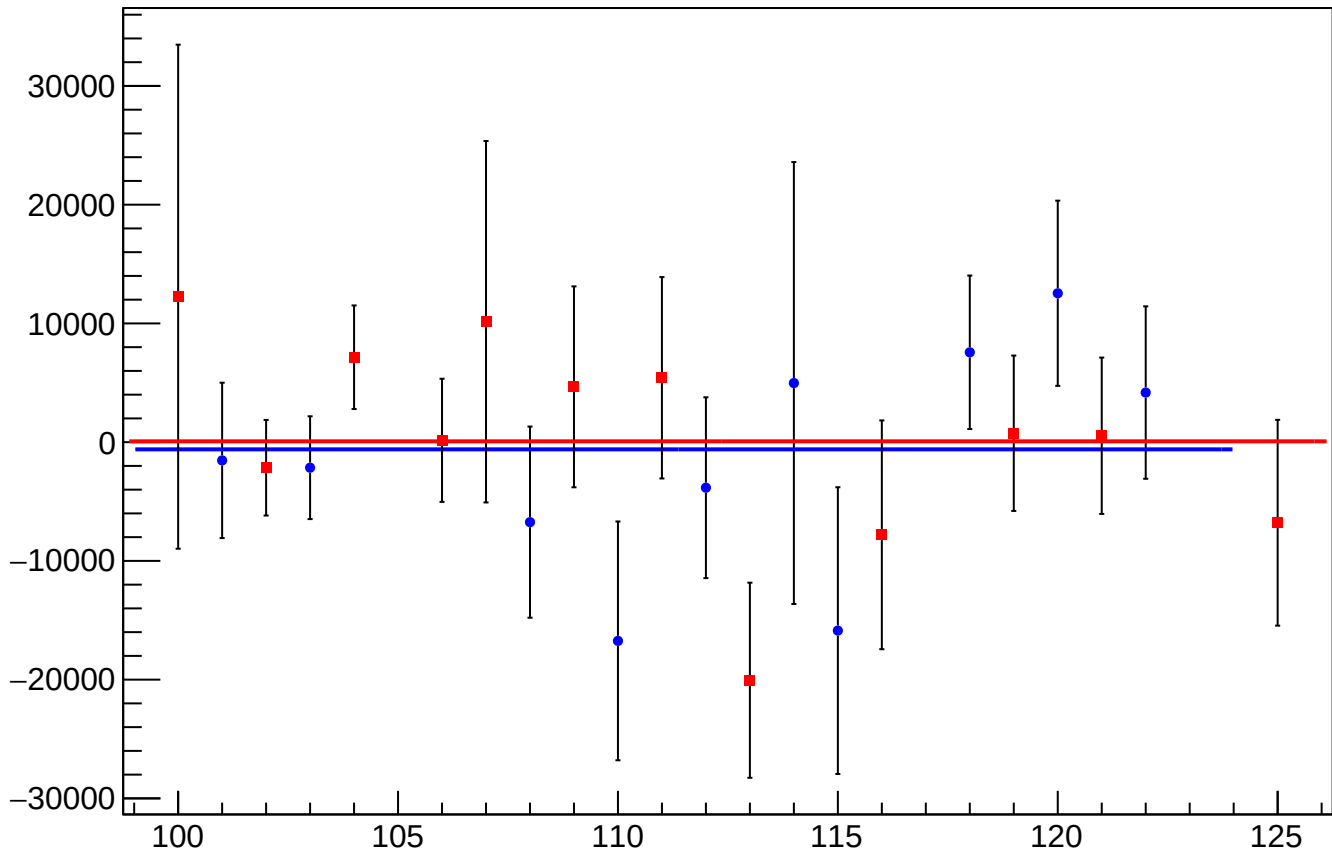
Right: 1925.510+/-0.467 χ^2/NDF : 409059.1/21

In: 1932.231+/-0.689 χ^2/NDF : 268006.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1925.510+/-0.467 χ^2/NDF : 409059.1/21

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: 69.577+/-1920.164 χ^2/NDF : 11.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

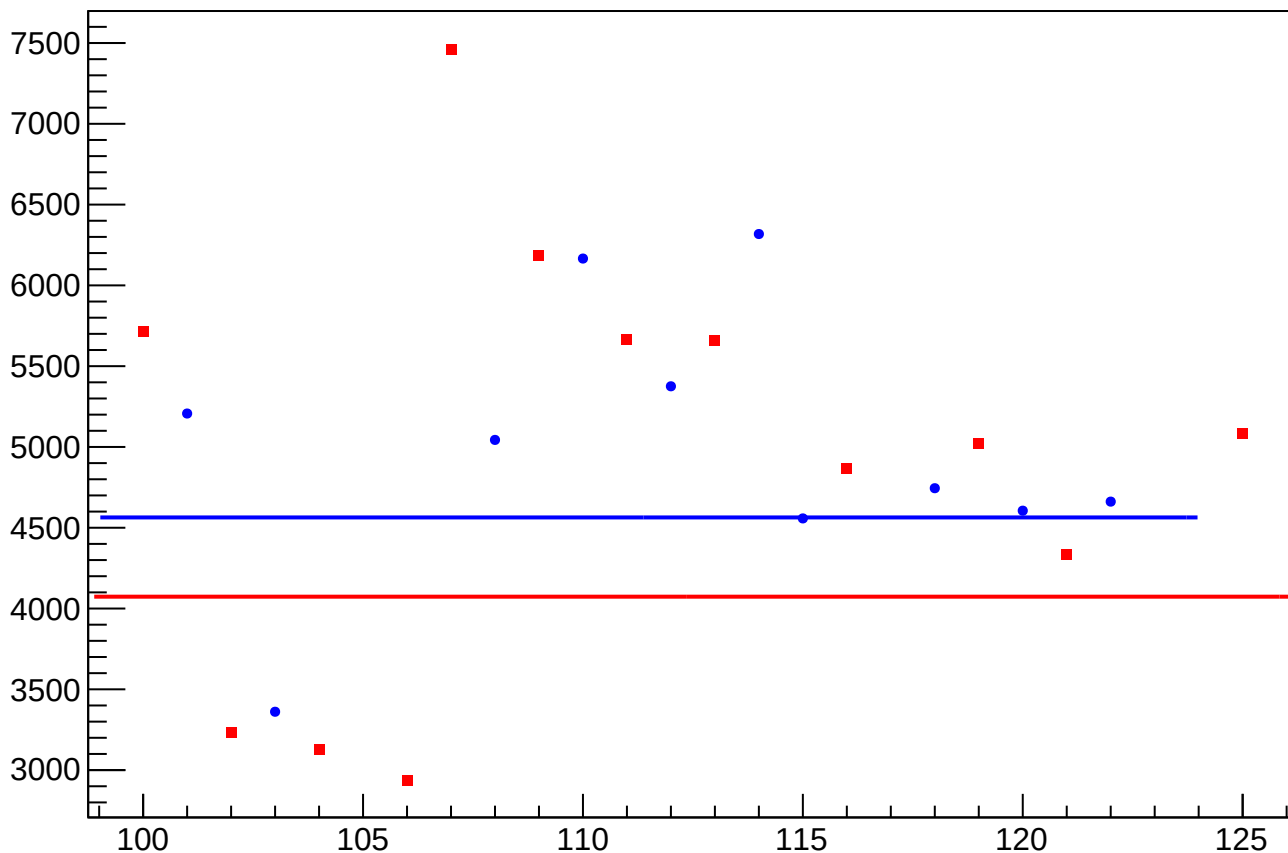
Right: -207.372+/-1475.054 χ^2/NDF : 21.8/21

In: -606.103+/-2303.981 χ^2/NDF : 10.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -207.372+/-1475.054 χ^2/NDF : 21.8/21

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: 4073.363+/-1.358 χ^2/NDF : 743220.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

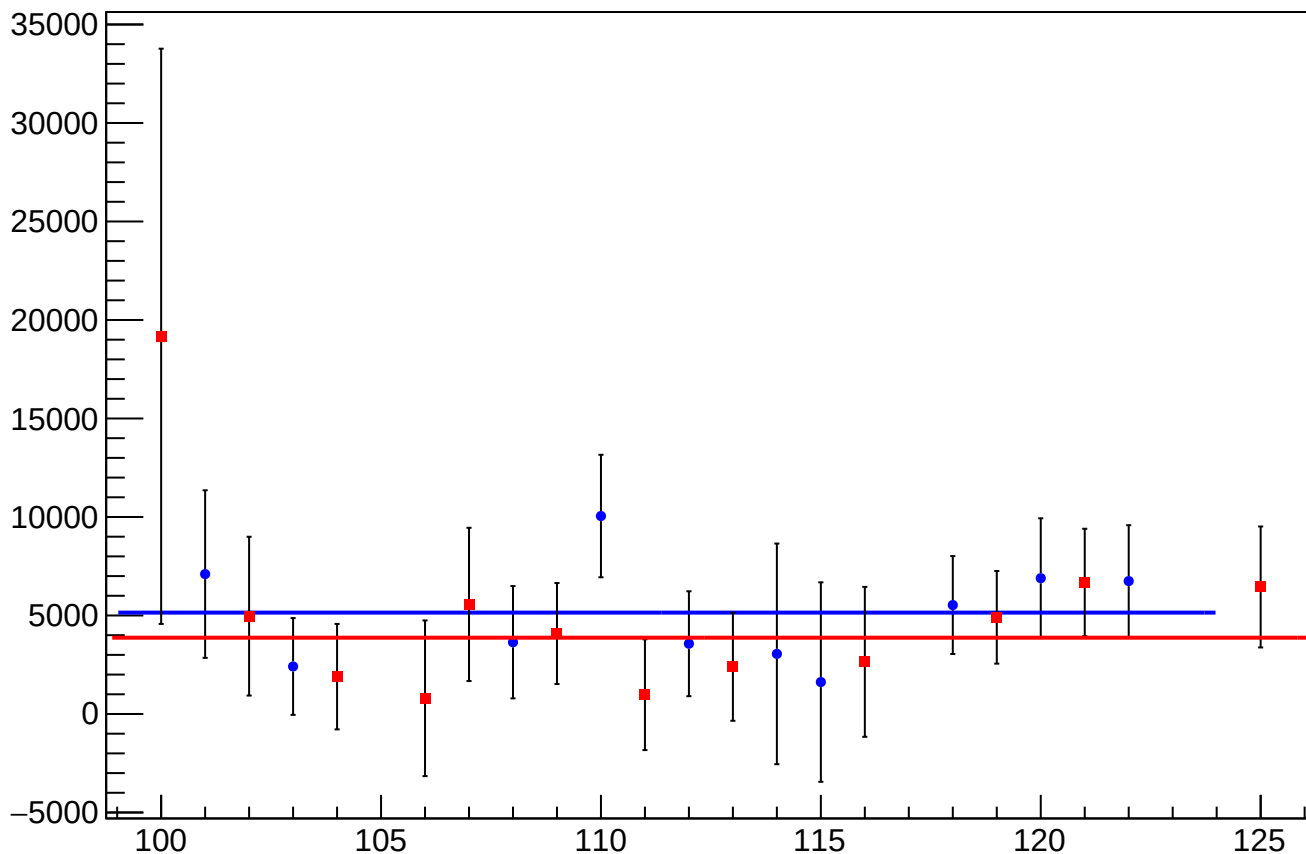
Right: 4274.382+/-1.043 χ^2/NDF : 1070734.5/21

In: 4563.796+/-1.629 χ^2/NDF : 274036.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4274.382+/-1.043 χ^2/NDF : 1070734.5/21

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: 3873.208+/-898.724 χ^2/NDF : 5.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

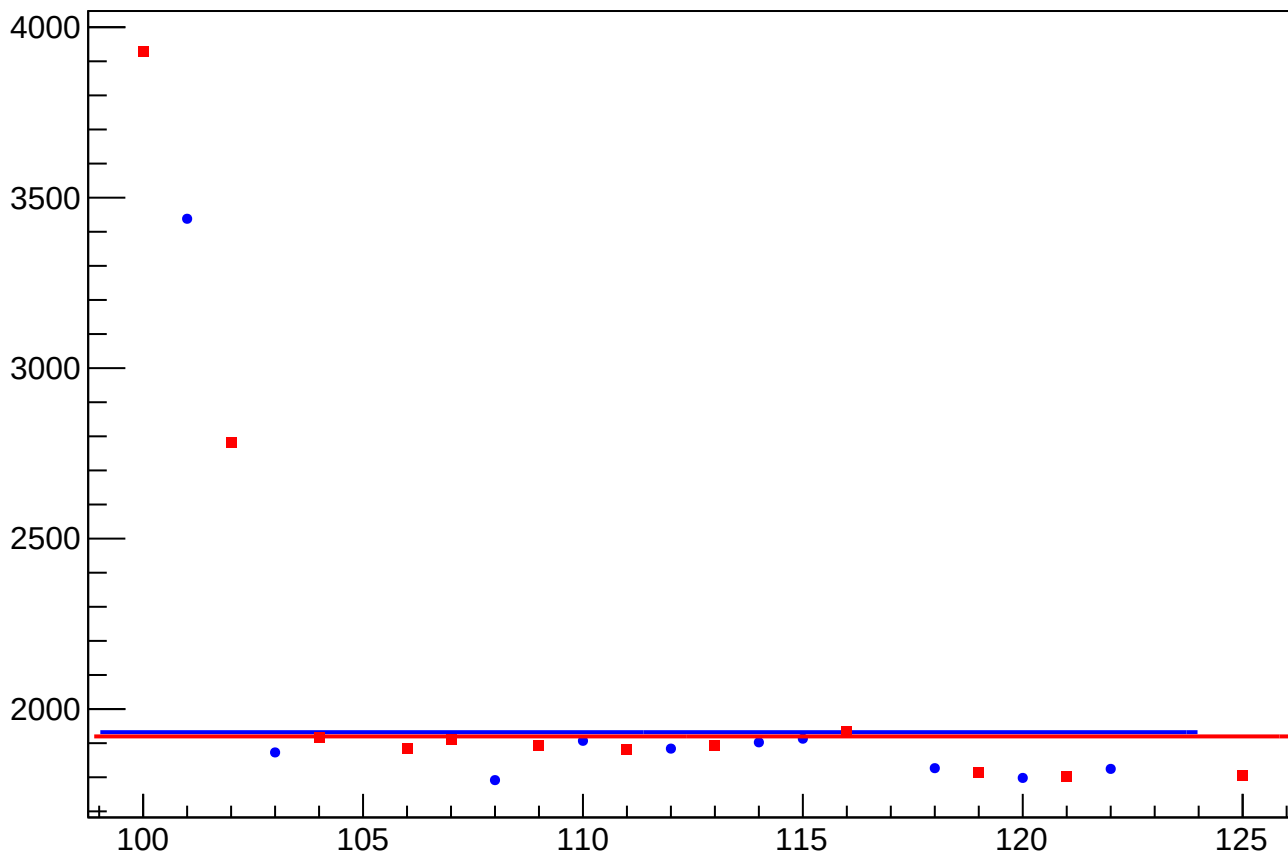
Right: 4458.580+/-660.525 χ^2/NDF : 12.7/21

In: 5146.213+/-974.066 χ^2/NDF : 5.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4458.580+/-660.525 χ^2/NDF : 12.7/21

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: 1919.807+/-0.634 χ^2/NDF : 140876.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

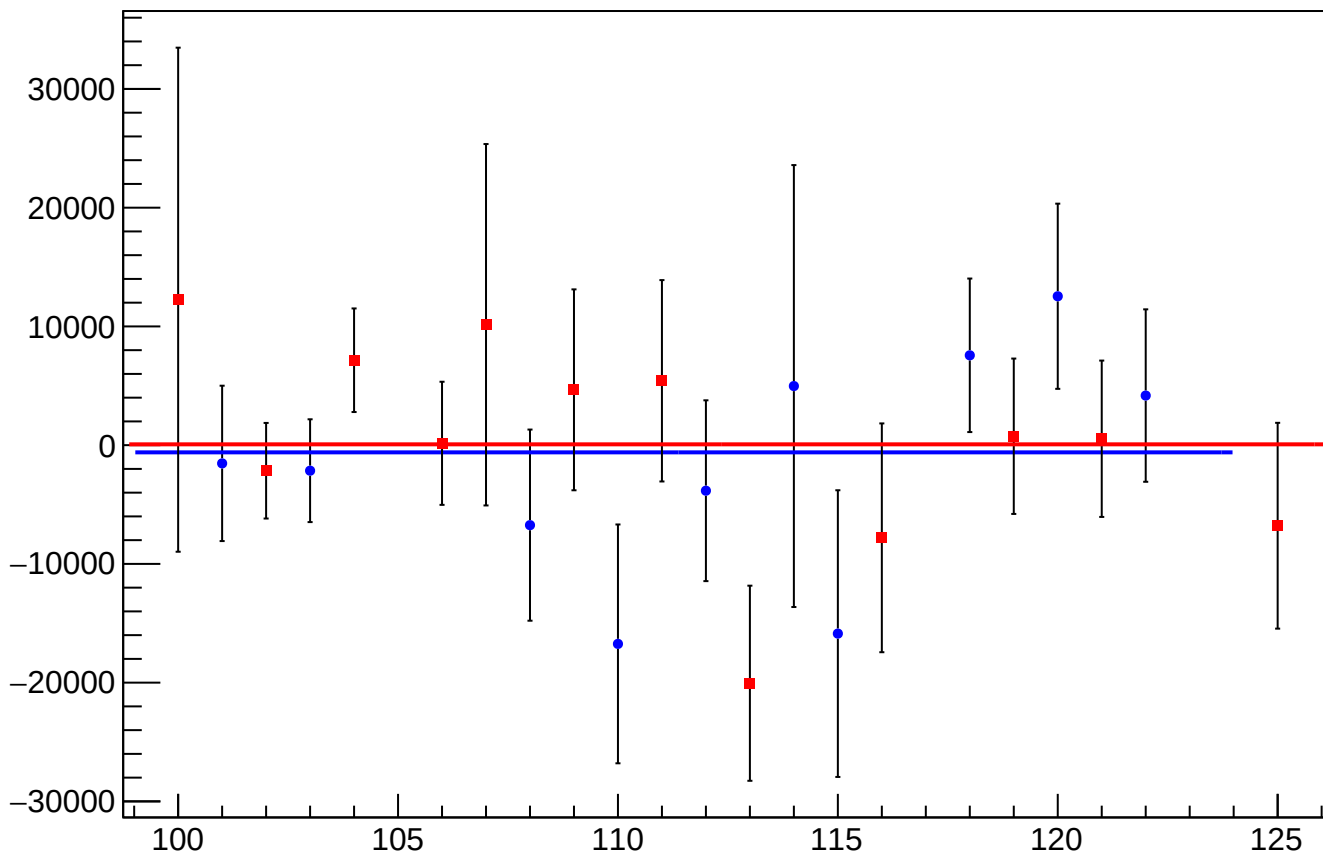
Right: 1925.509+/-0.467 χ^2/NDF : 409058.8/21

In: 1932.230+/-0.689 χ^2/NDF : 268006.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1925.509+/-0.467 χ^2/NDF : 409058.8/21

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: 69.578+/-1920.159 χ^2/NDF : 11.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

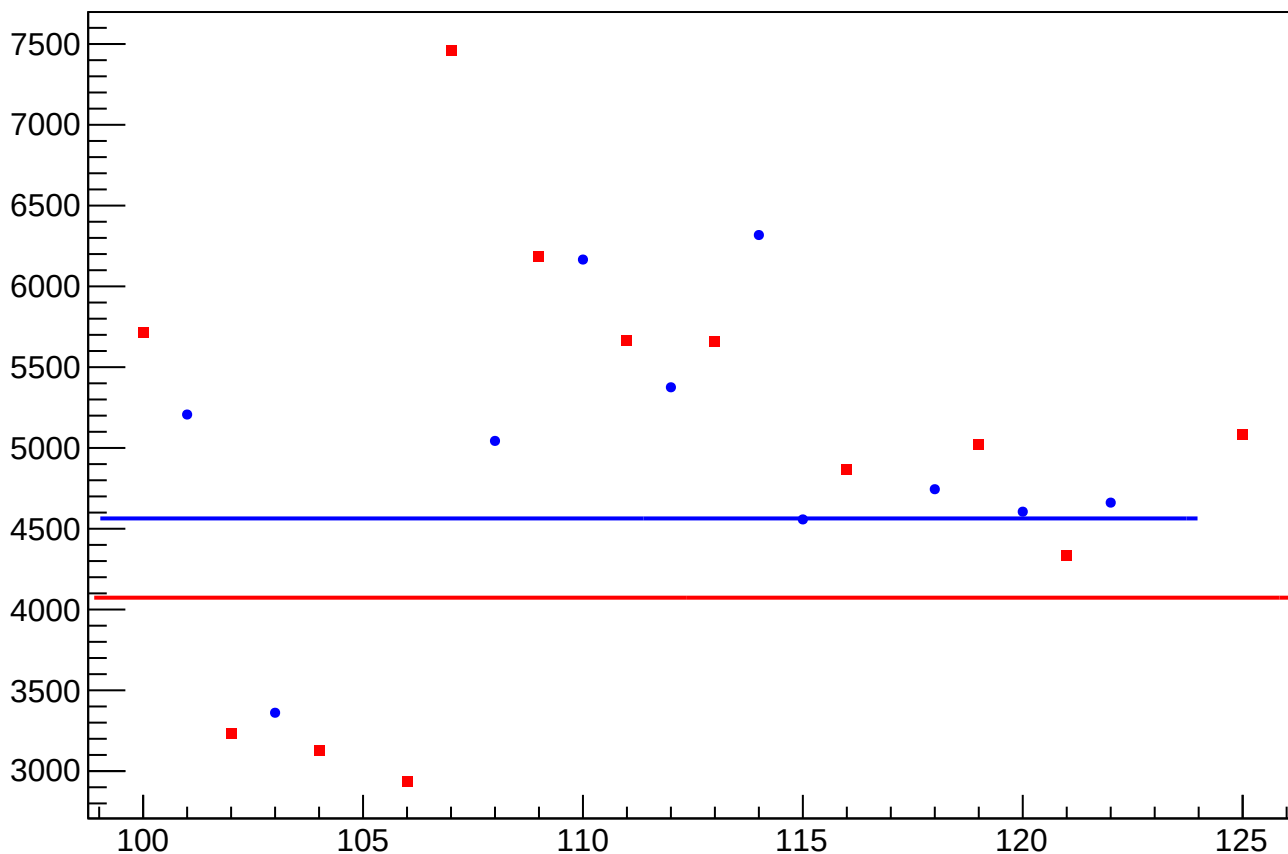
Right: -207.368+/-1475.050 χ^2/NDF : 21.8/21

In: -606.096+/-2303.974 χ^2/NDF : 10.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -207.368+/-1475.050 χ^2/NDF : 21.8/21

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: 4073.352+/-1.358 χ^2/NDF : 743219.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

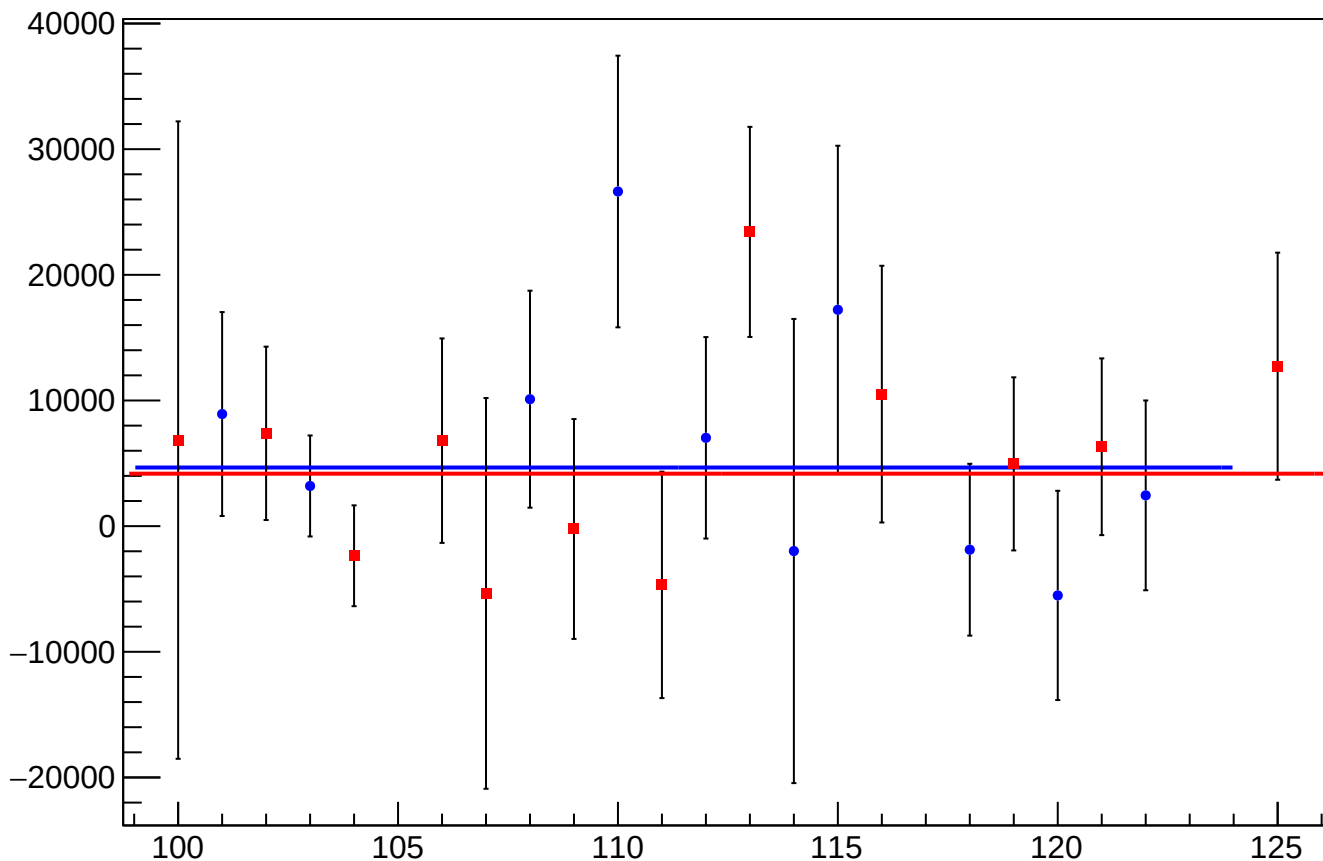
Right: 4274.370+/-1.043 χ^2/NDF : 1070732.4/21

In: 4563.782+/-1.629 χ^2/NDF :274036.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4274.370+/-1.043 χ^2/NDF : 1070732.4/21

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: 4175.987+/-2199.211 χ^2/NDF : 11.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

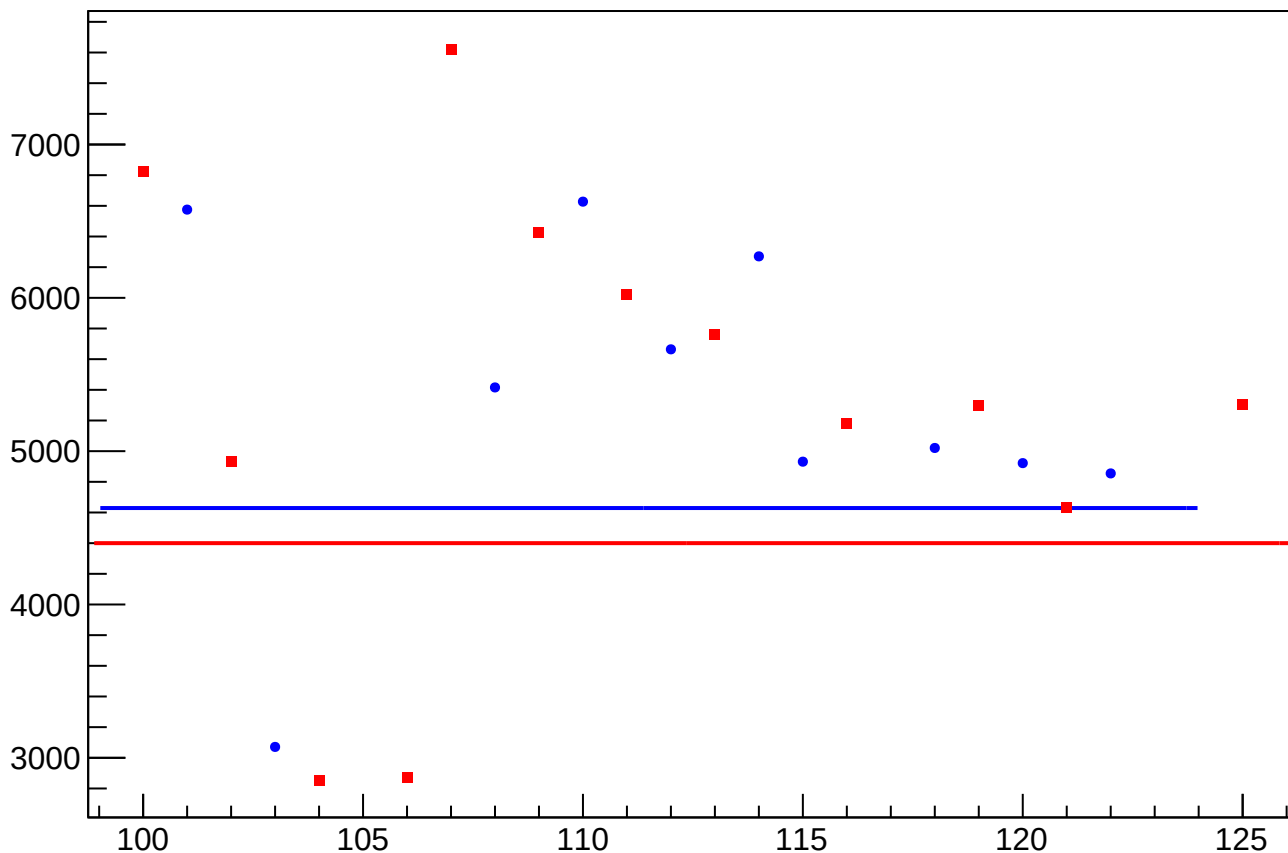
Right: 4401.608+/-1614.724 χ^2/NDF : 19.9/21

In: 4665.501+/-2378.433 χ^2/NDF : 8.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4401.608+/-1614.724 χ^2/NDF : 19.9/21

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: 4400.079+/-1.514 χ^2/NDF : 829381.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

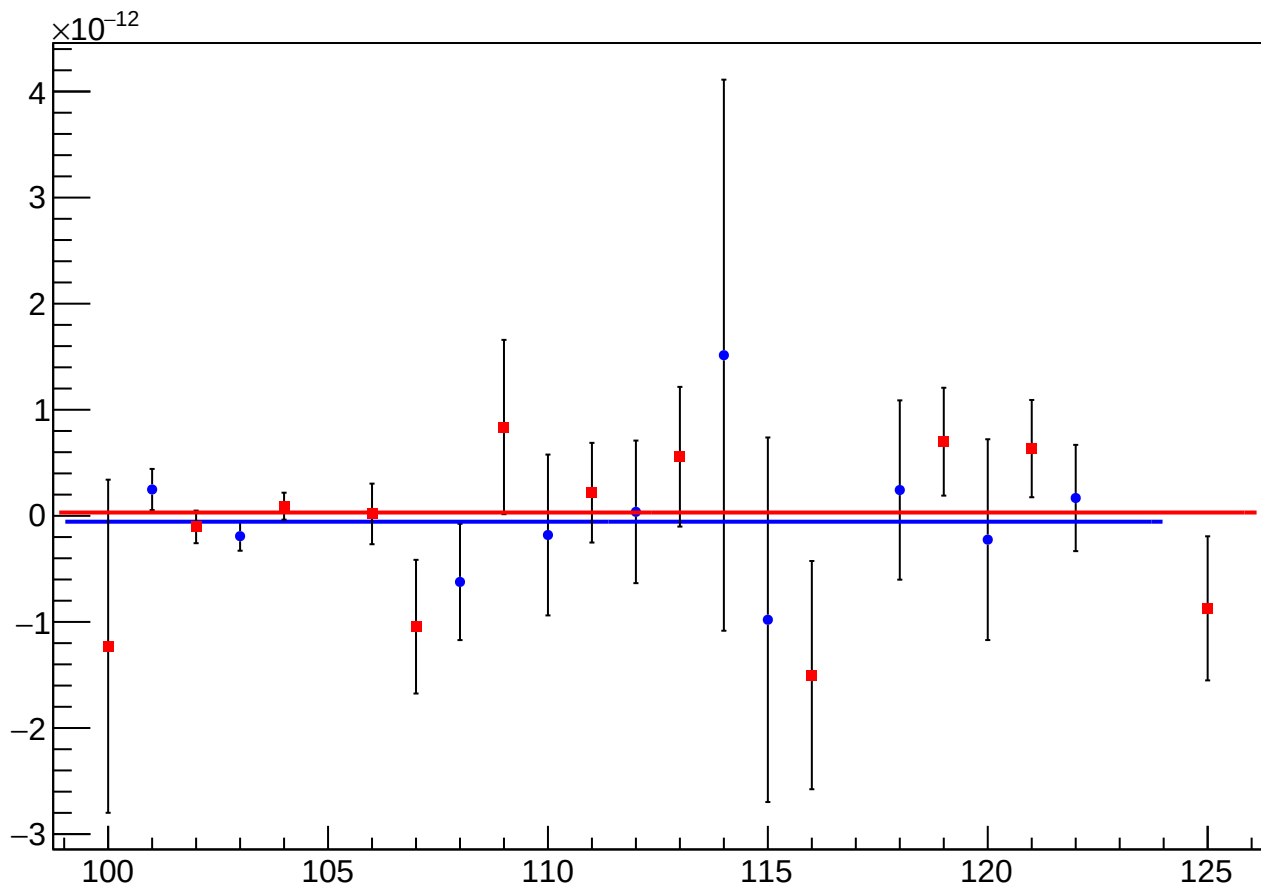
Right: 4502.610+/-1.125 χ^2/NDF : 1401253.4/21

In: 4629.059+/-1.682 χ^2/NDF : 561634.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4502.610+/-1.125 χ^2/NDF : 1401253.4/21

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

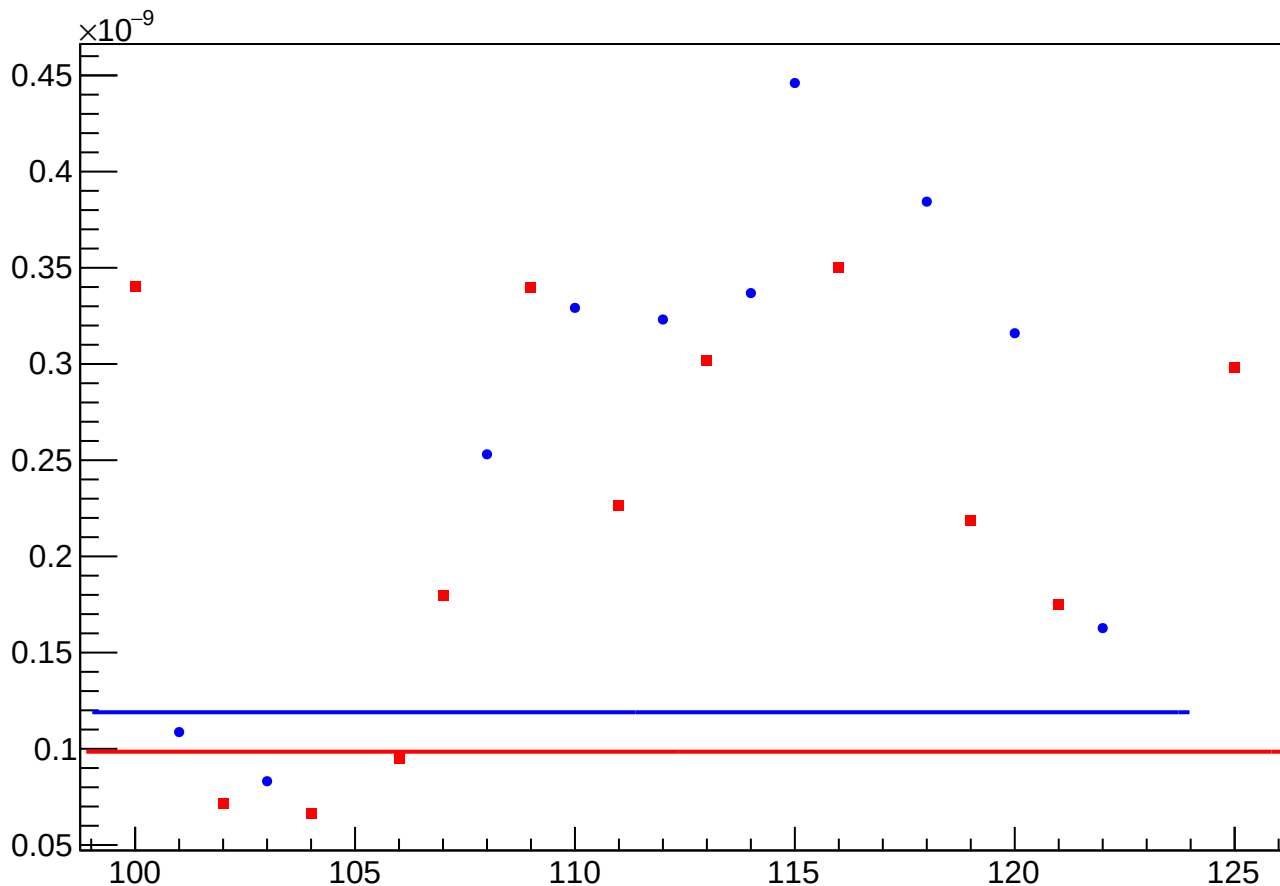
Right: -0.000+/-0.000 χ^2/NDF : 19.6/21

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 : 19.6/21

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 : 1233549.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

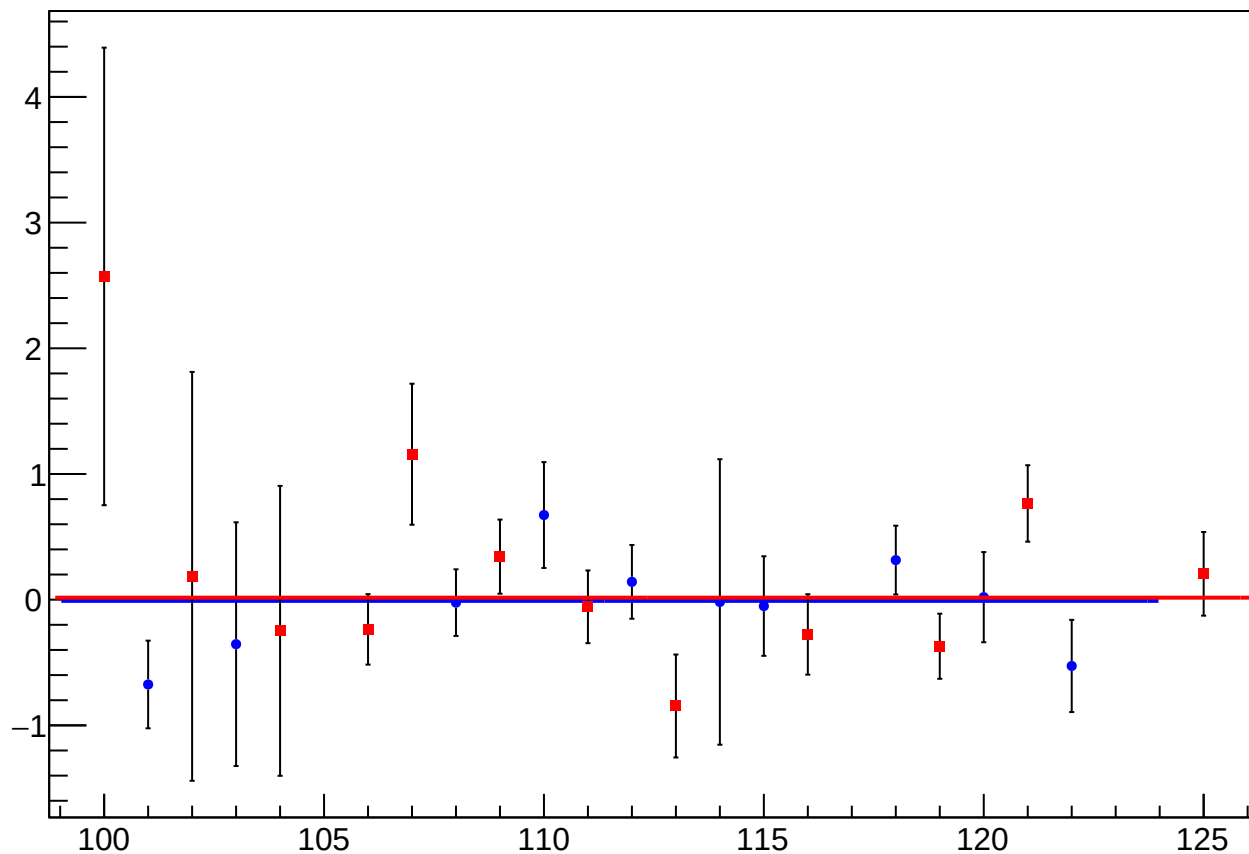
Right: 0.000+/-0.000 χ^2/NDF : 2266074.2/21

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 : 2266074.2/21

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: 0.016+/-0.105 χ^2/NDF : 22.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

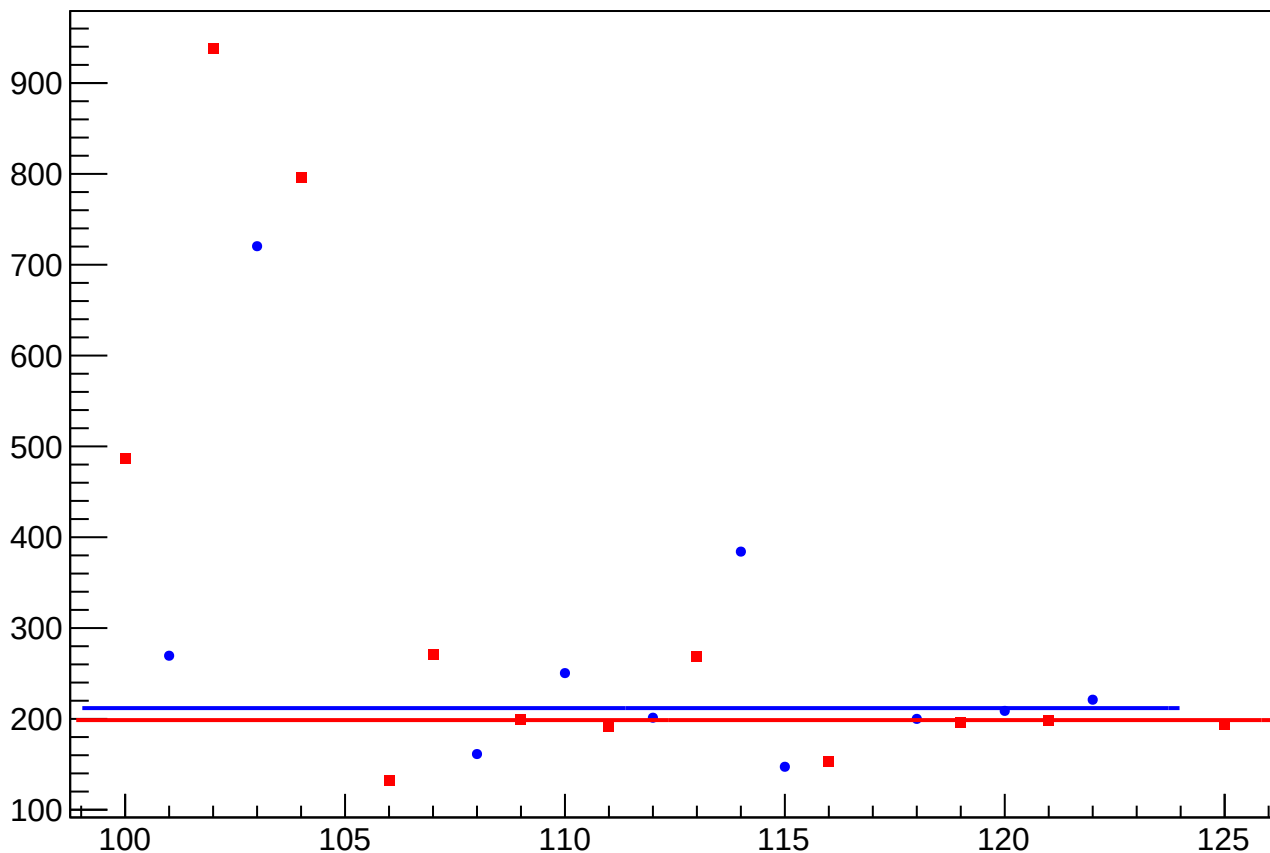
Right: 0.004+/-0.077 χ^2/NDF : 32.3/21

In: -0.009+/-0.114 χ^2/NDF :10.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.077 χ^2/NDF : 32.3/21

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: 198.682+/-0.074 χ^2/NDF : 1246342.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

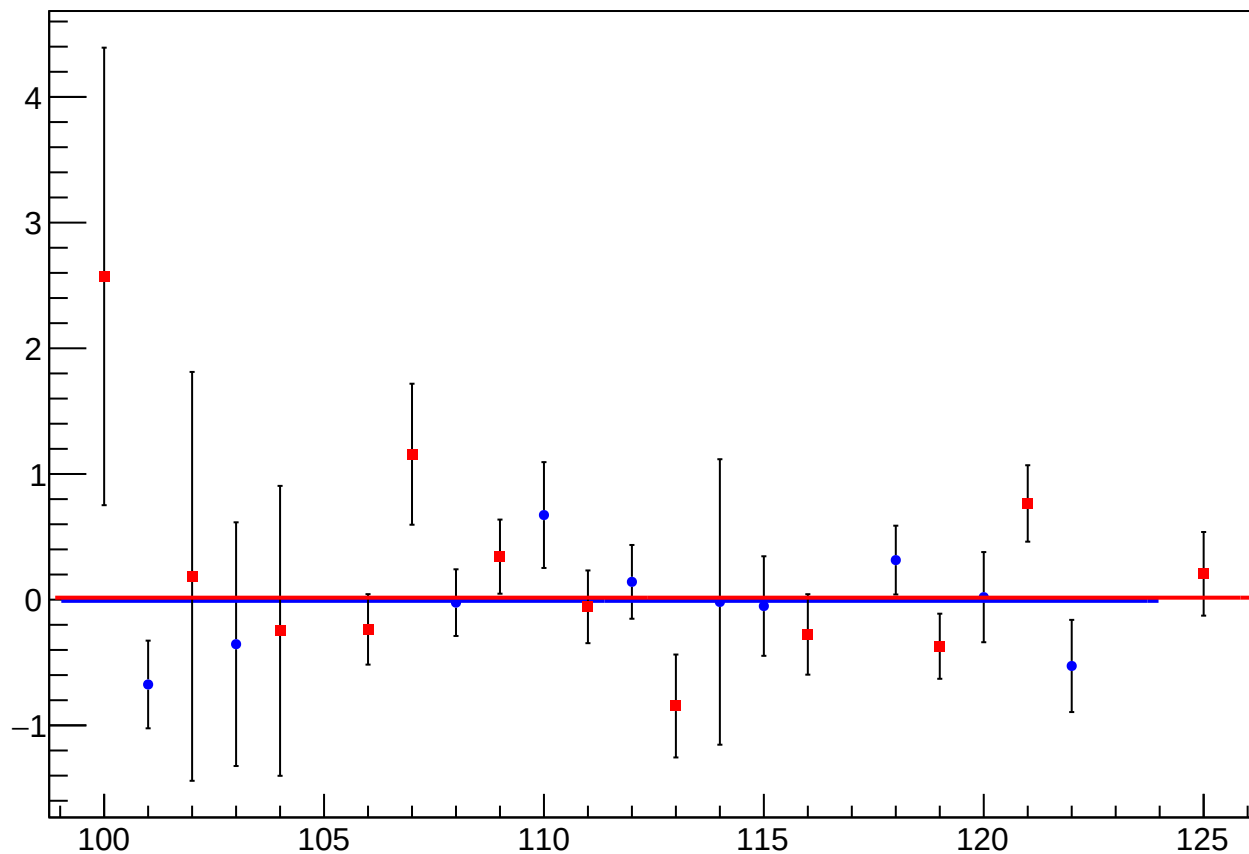
Right: 204.698+/-0.055 χ^2/NDF : 2062207.2/21

In: 211.880+/-0.081 χ^2/NDF : 801371.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 204.698+/-0.055 χ^2/NDF : 2062207.2/21

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: 0.016 ± 0.105 χ^2/NDF : 22.2/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

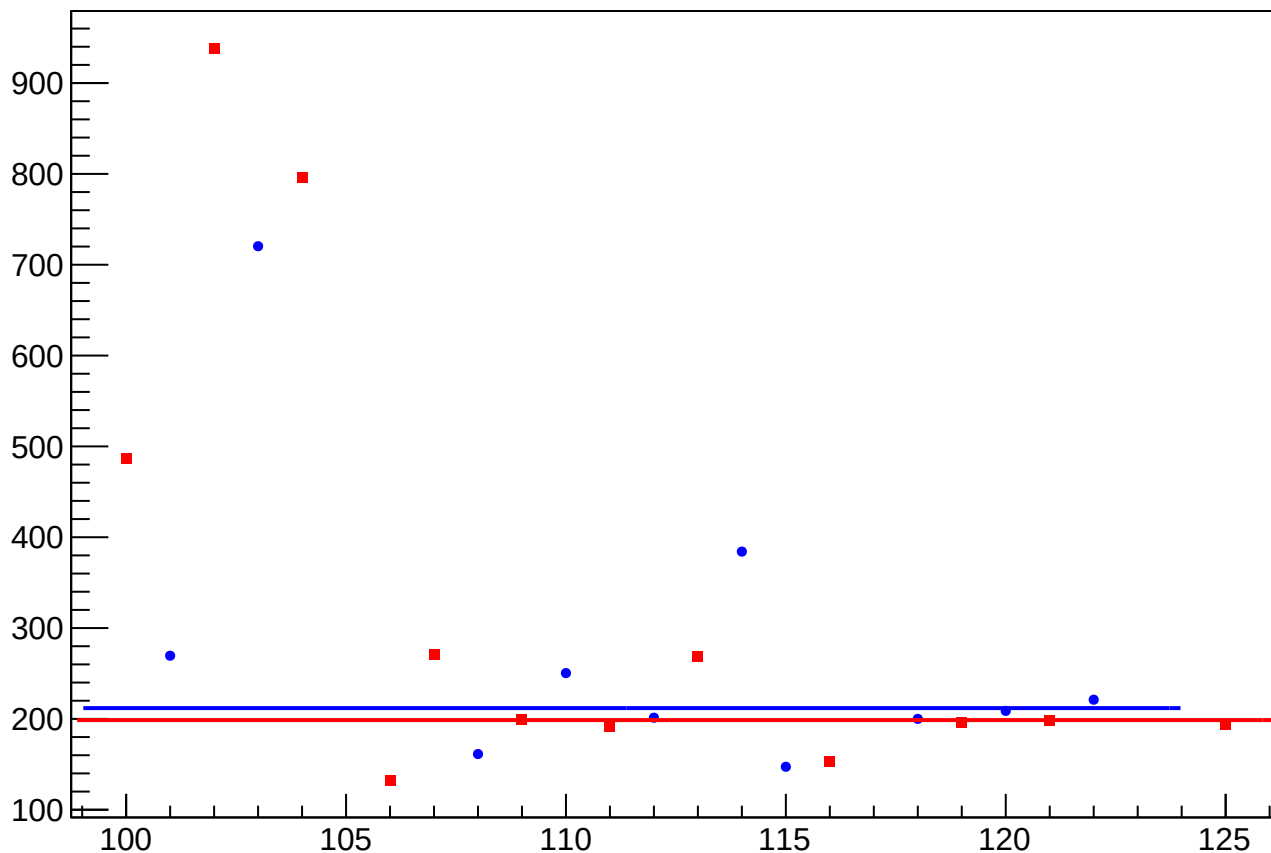
Right: 0.004 ± 0.077 χ^2/NDF : 32.3/21

In: -0.009 ± 0.114 χ^2/NDF : 10.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.004 ± 0.077 χ^2/NDF : 32.3/21

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: 198.682+/-0.074 χ^2/NDF : 1246342.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

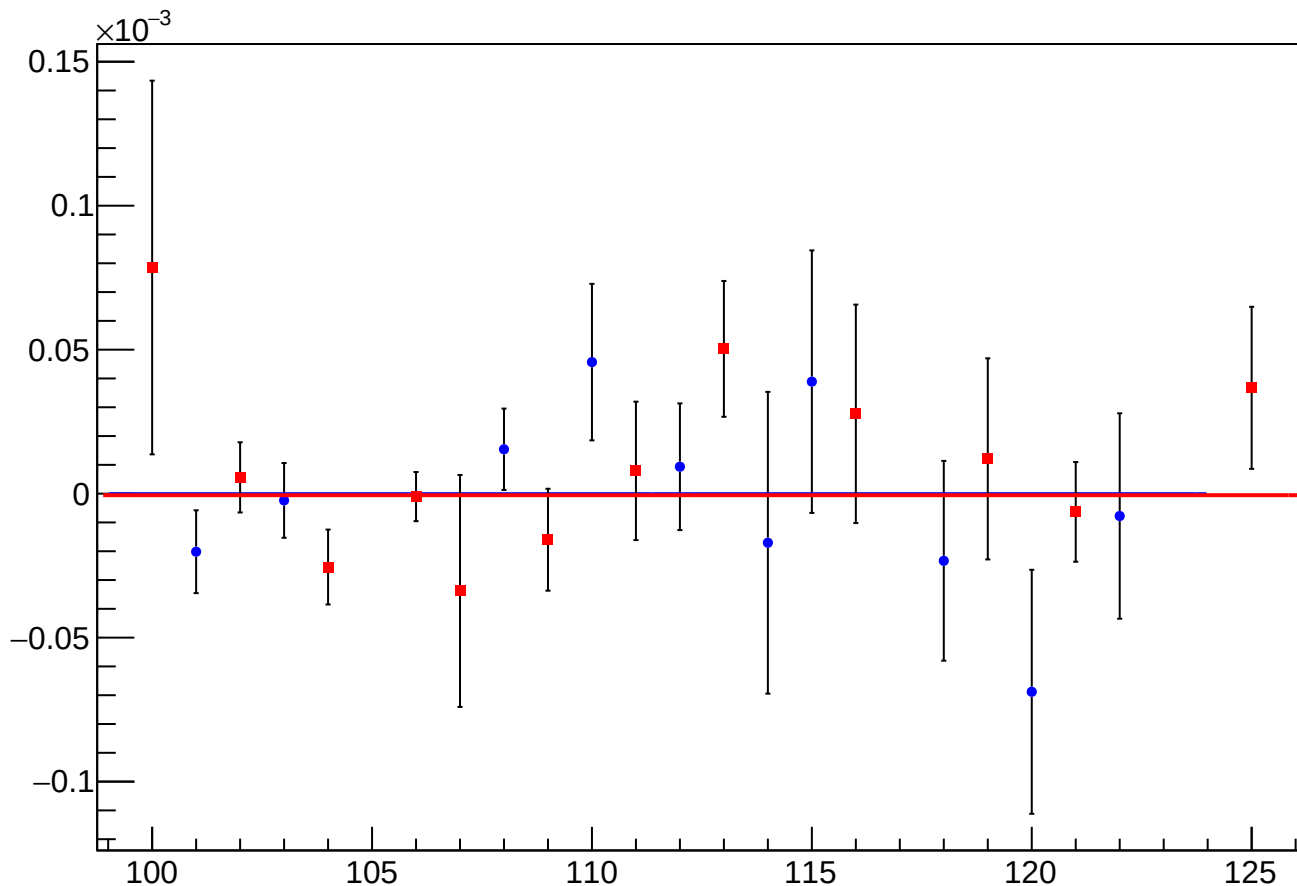
Right: 204.698+/-0.055 χ^2/NDF : 2062207.2/21

In: 211.880+/-0.081 χ^2/NDF :801371.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 204.698+/-0.055 χ^2/NDF : 2062207.2/21

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 : 14.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

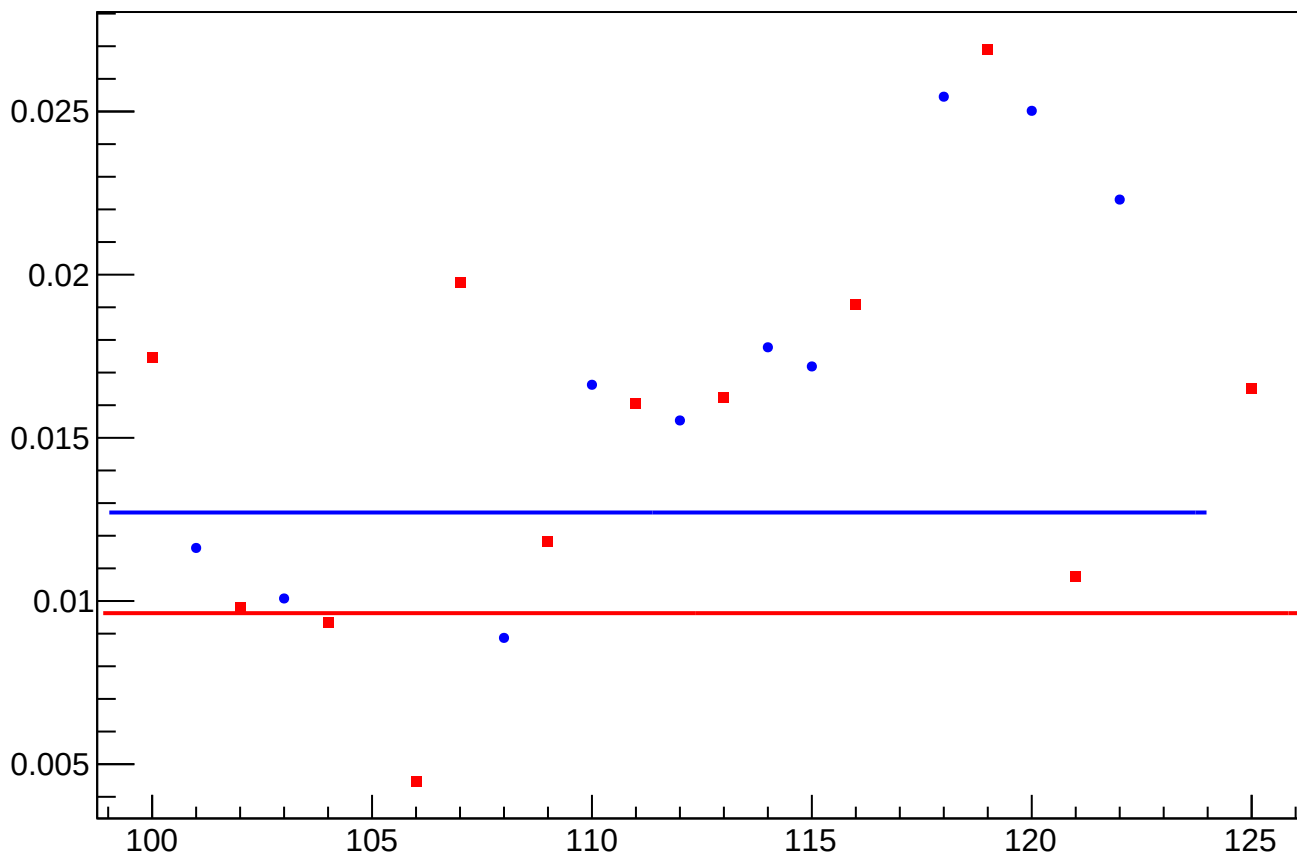
Right: -0.000+/-0.000 χ^2/NDF : 24.4/21

In: -0.000+/-0.000 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.4/21

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: 0.010+/-0.000 χ^2/NDF : 1960107.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

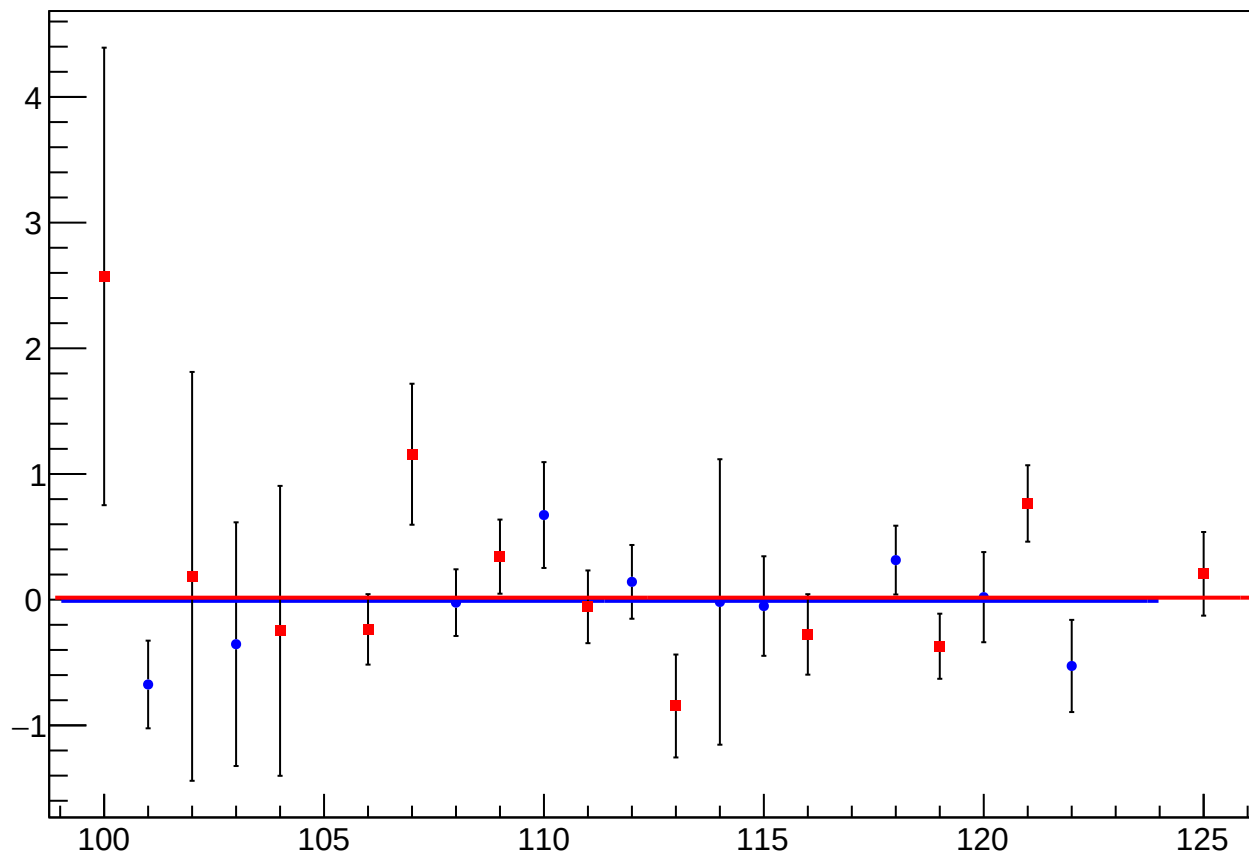
Right: 0.011+/-0.000 χ^2/NDF : 3169063.5/21

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 : 3169063.5/21

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: 0.016+/-0.105 χ^2/NDF : 22.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

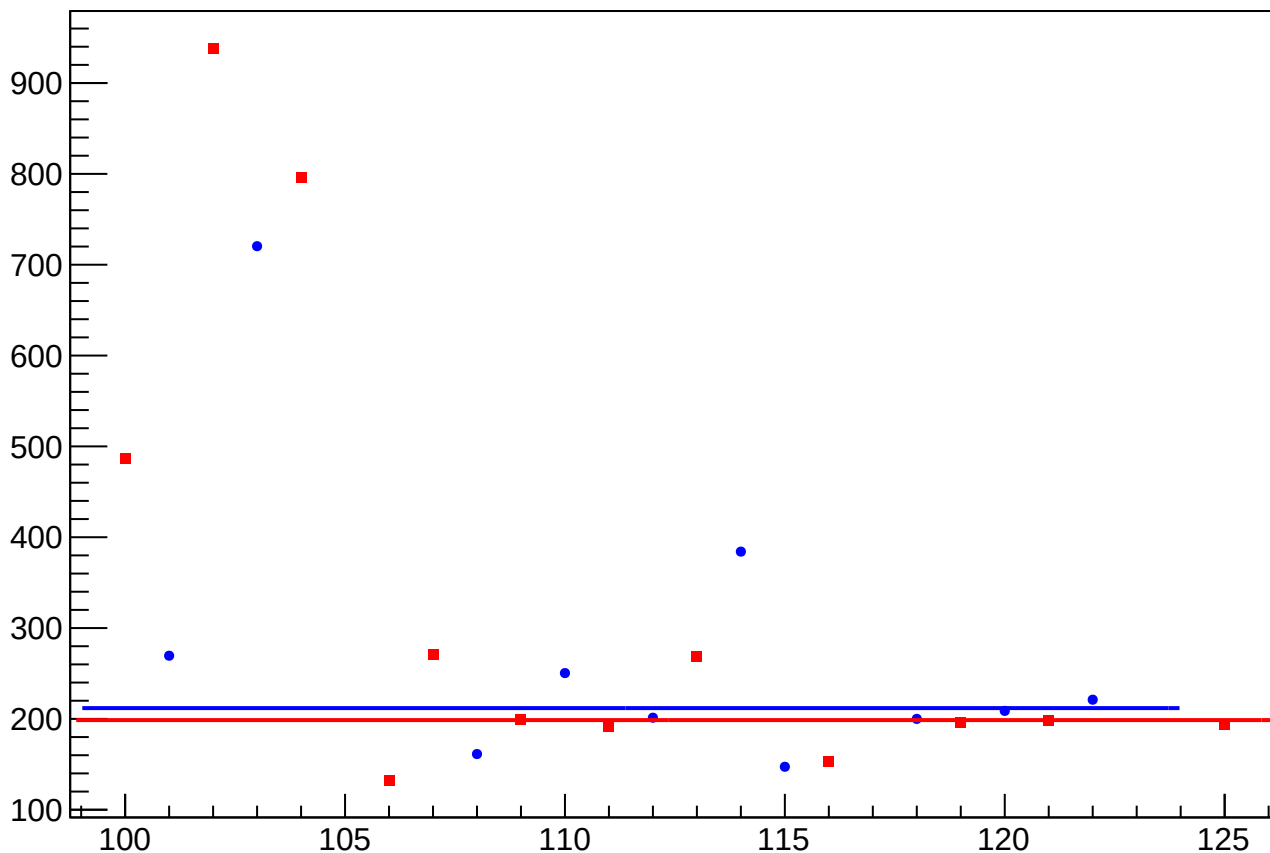
Right: 0.004+/-0.077 χ^2/NDF : 32.3/21

In: -0.009+/-0.114 χ^2/NDF :10.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.077 χ^2/NDF : 32.3/21

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: 198.681+/-0.074 χ^2/NDF : 1246328.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

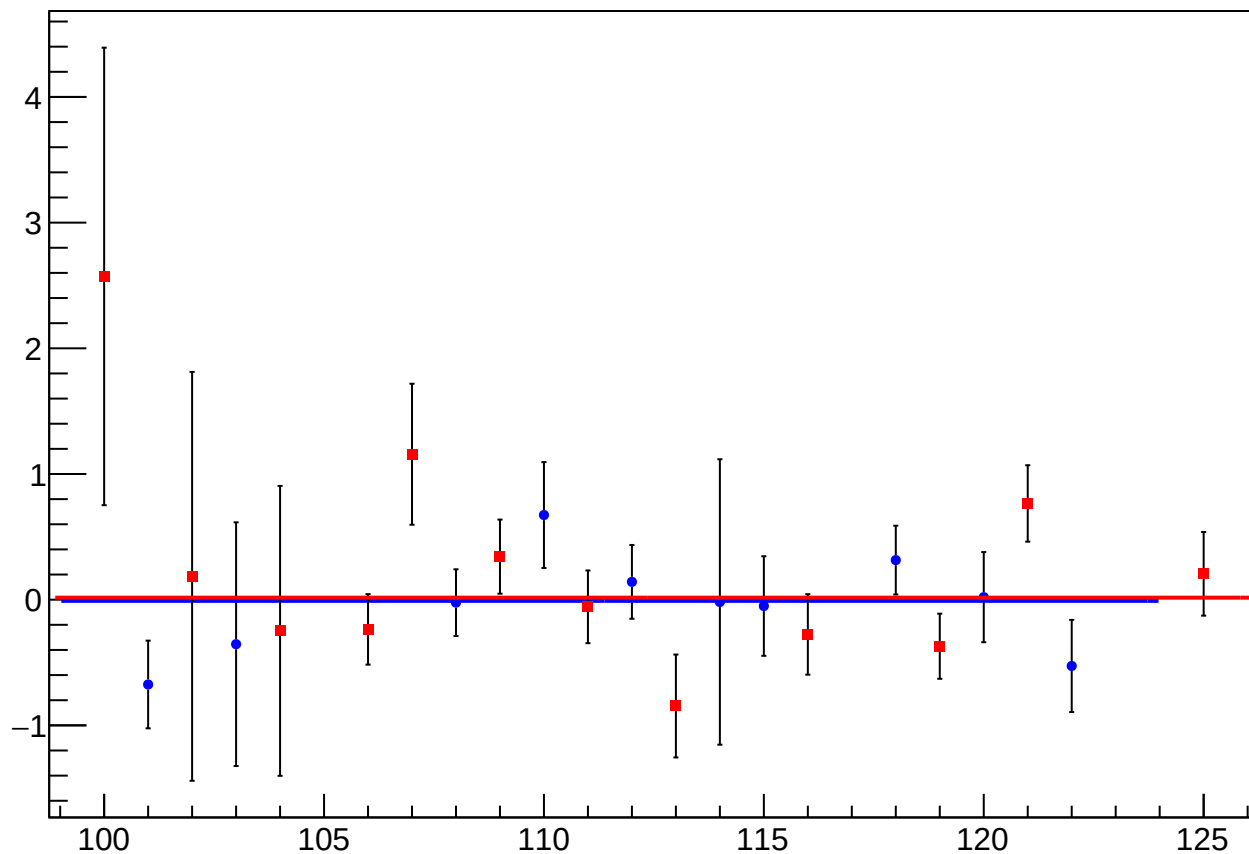
Right: 204.698+/-0.055 χ^2/NDF : 2062180.3/21

In: 211.880+/-0.081 χ^2/NDF : 801357.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 204.698+/-0.055 χ^2/NDF : 2062180.3/21

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009+/-0.114 χ^2/NDF : 10.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.016+/-0.105 χ^2/NDF : 22.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

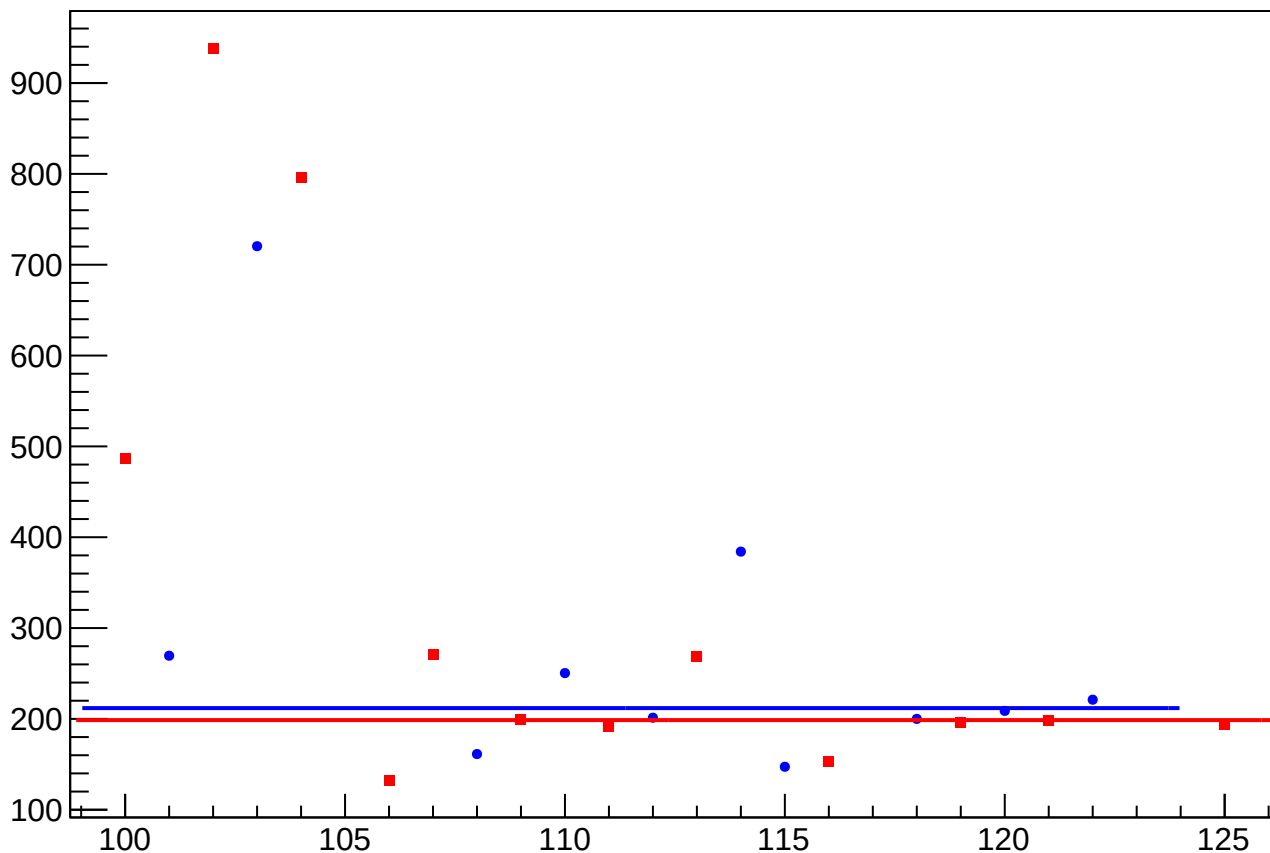
Right: 0.004+/-0.077 χ^2/NDF : 32.3/21

In: -0.009+/-0.114 χ^2/NDF :10.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.077 χ^2/NDF : 32.3/21

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: 198.681+/-0.074 χ^2/NDF : 1246328.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

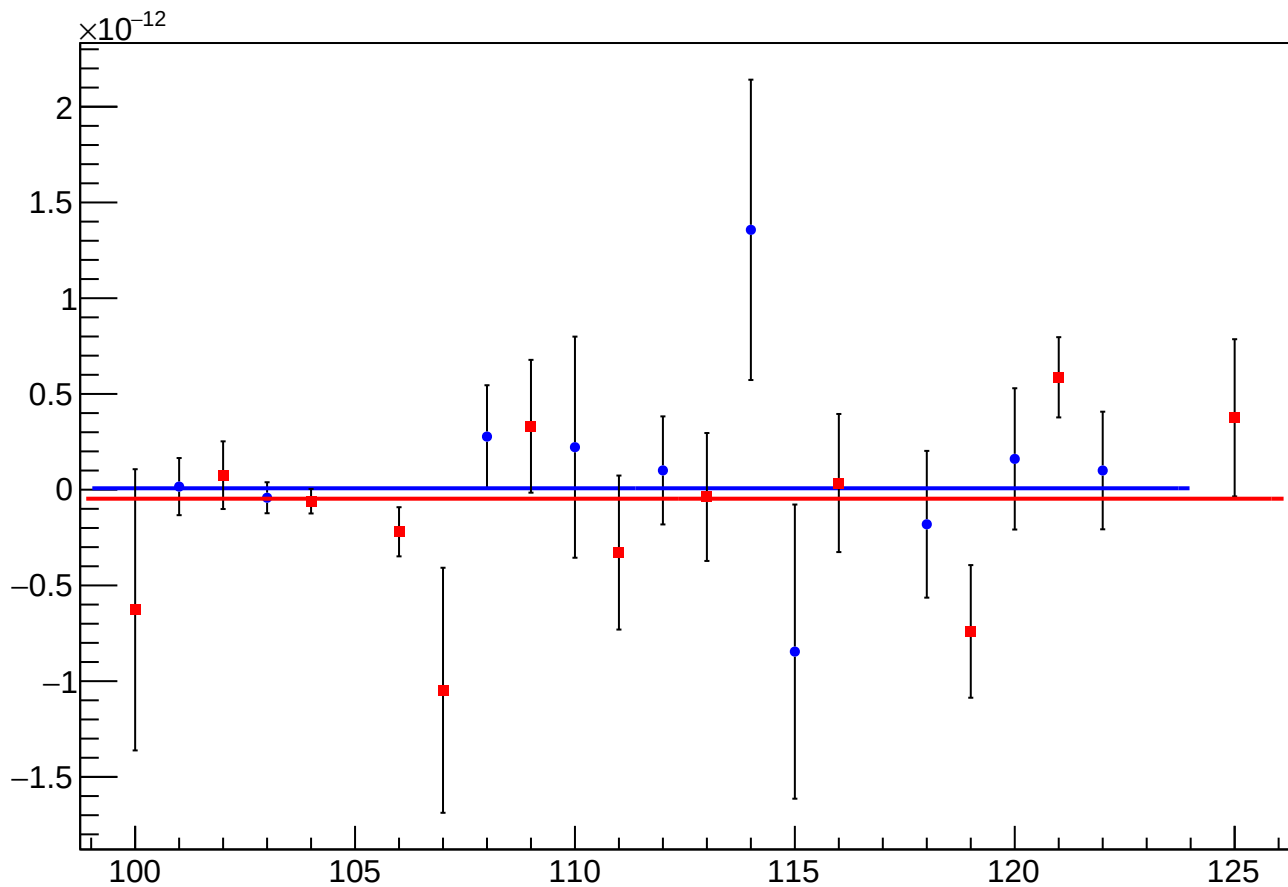
Right: 204.698+/-0.055 χ^2/NDF : 2062180.3/21

In: 211.880+/-0.081 χ^2/NDF : 801357.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 204.698+/-0.055 χ^2/NDF : 2062180.3/21

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 : 21.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

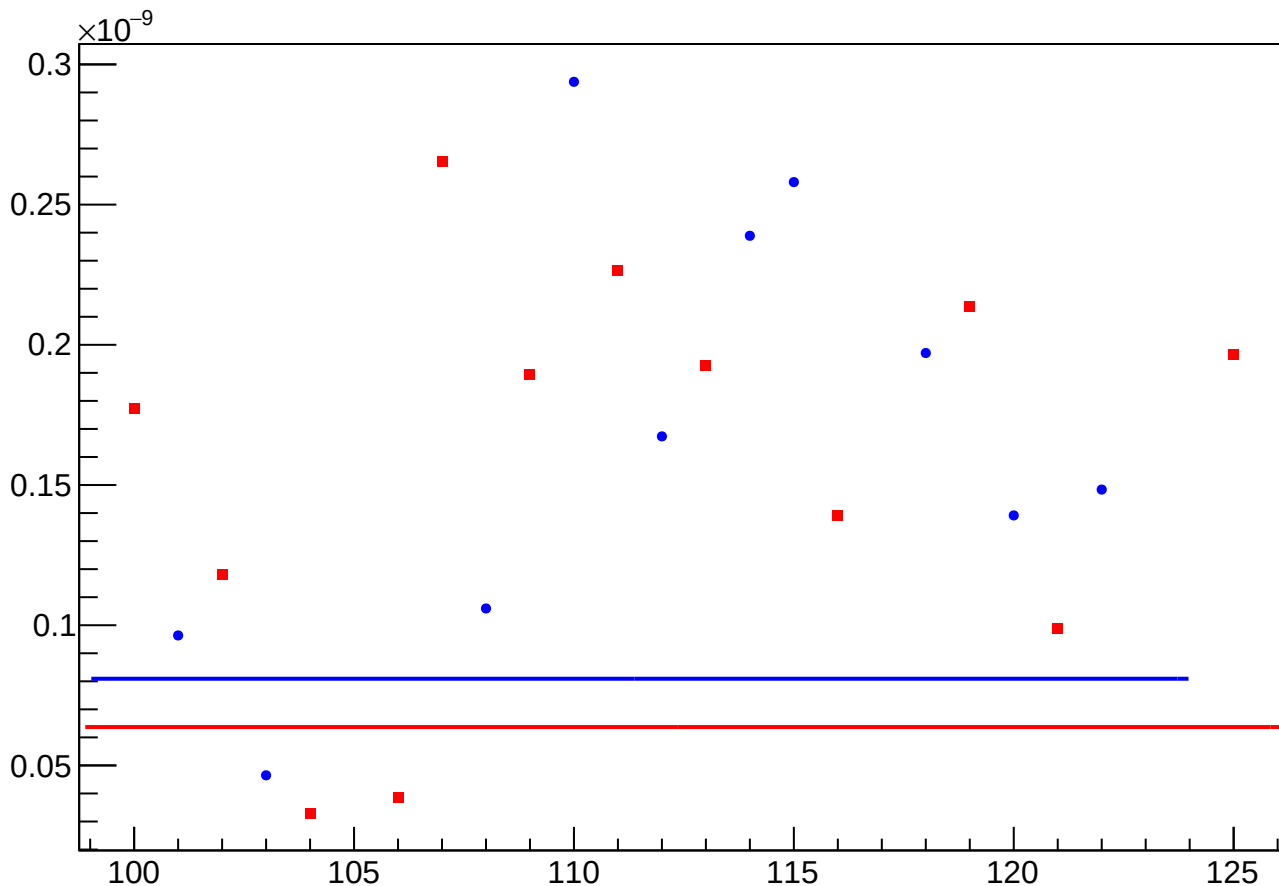
Right: -0.000+/-0.000 χ^2/NDF : 28.2/21

In: 0.000+/-0.000 χ^2/NDF : 6.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.2/21

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 : 2598433.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

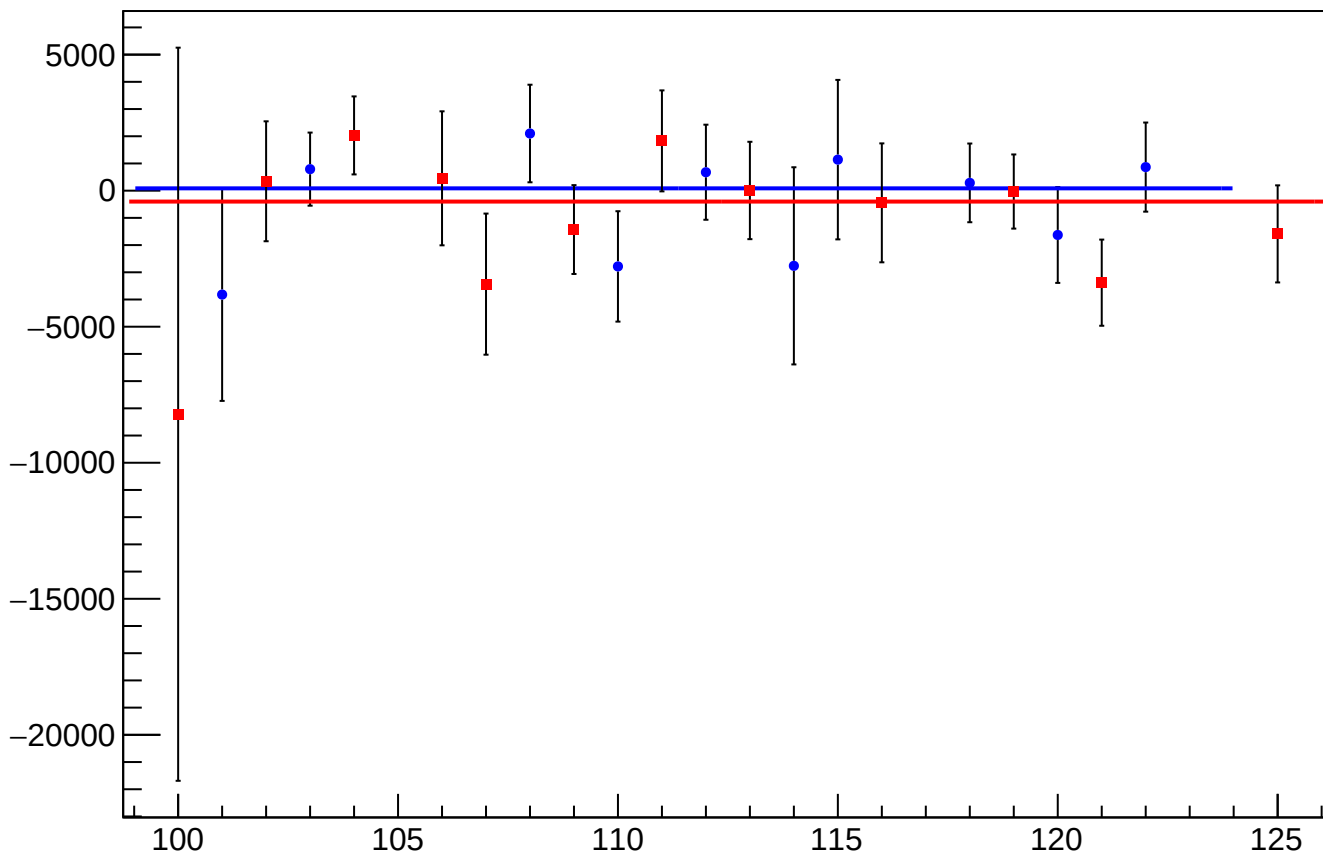
Right: 0.000+/-0.000 χ^2/NDF : 4069713.6/21

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 : 4069713.6/21

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: -400.841+/-538.342 χ^2/NDF : 10.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

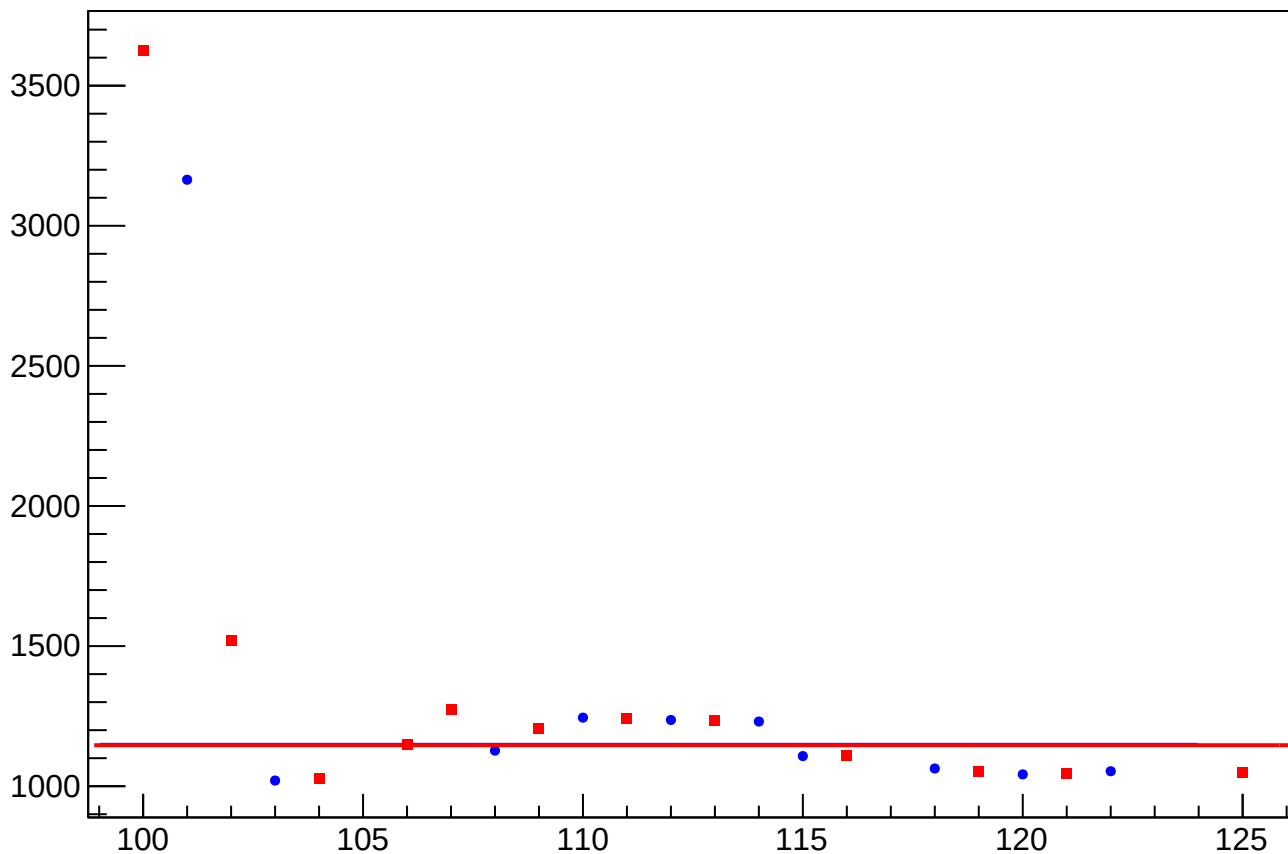
Right: -180.200+/-397.863 χ^2/NDF : 17.7/21

In: 85.364+/-590.610 χ^2/NDF : 6.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -180.200+/-397.863 χ^2/NDF : 17.7/21

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: 1146.296+/-0.380 χ^2/NDF : 181172.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

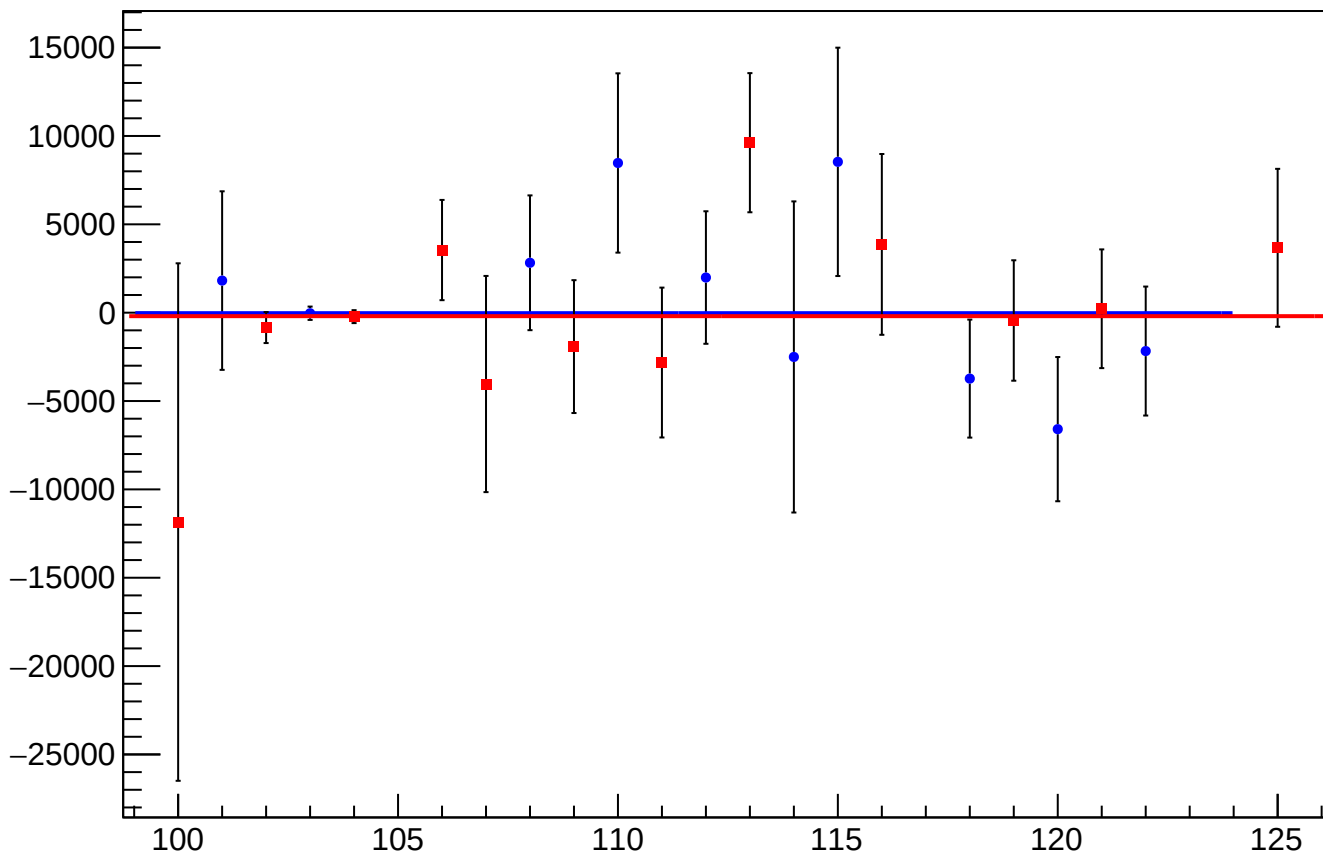
Right: 1146.903+/-0.281 χ^2/NDF : 763958.9/21

In: 1147.638+/-0.418 χ^2/NDF :582781.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1146.903+/-0.281 χ^2/NDF : 763958.9/21

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: -197.248+/-326.723 χ^2/NDF : 11.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

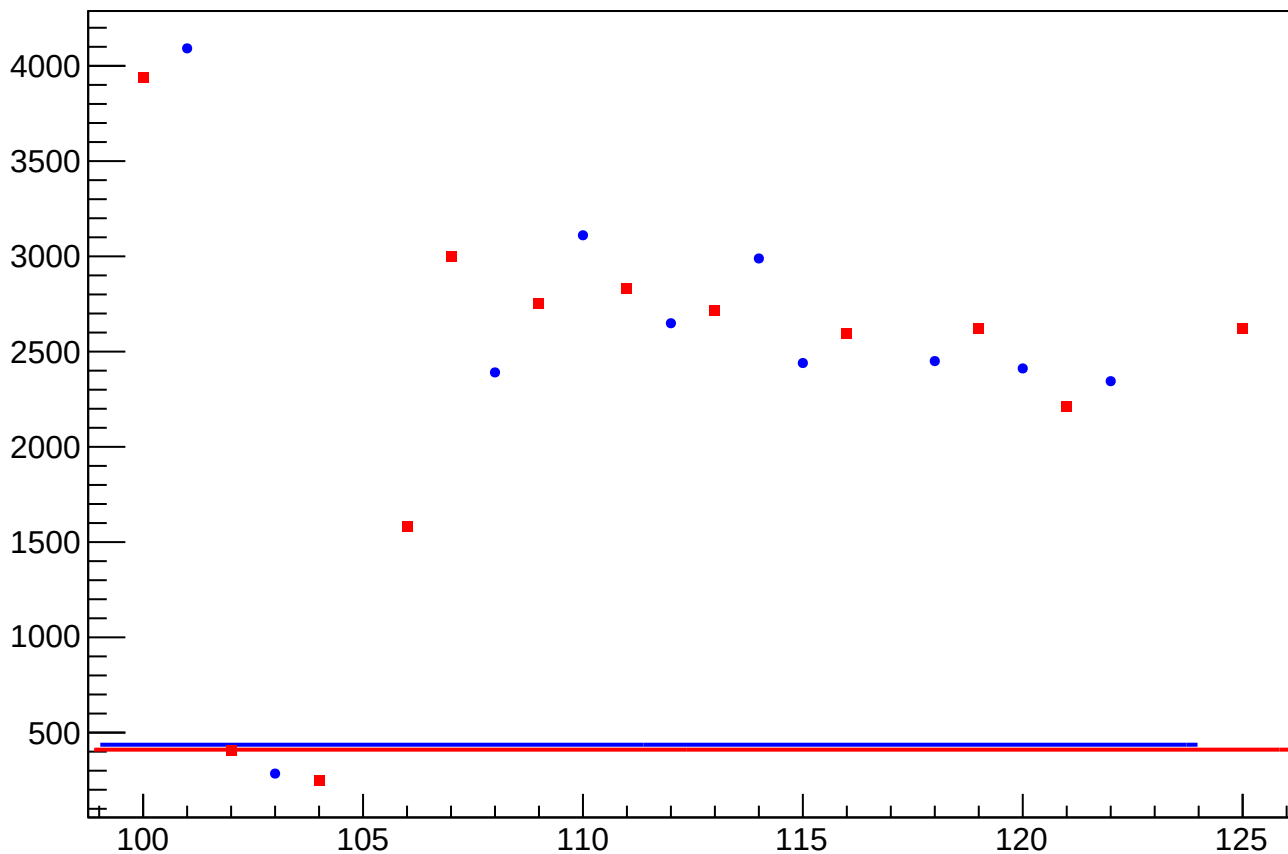
Right: -122.205+/-243.537 χ^2/NDF : 21.4/21

In: -28.381+/-365.327 χ^2/NDF :9.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -122.205+/-243.537 χ^2/NDF : 21.4/21

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: 410.502+/-0.231 χ^2/NDF : 5593363.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

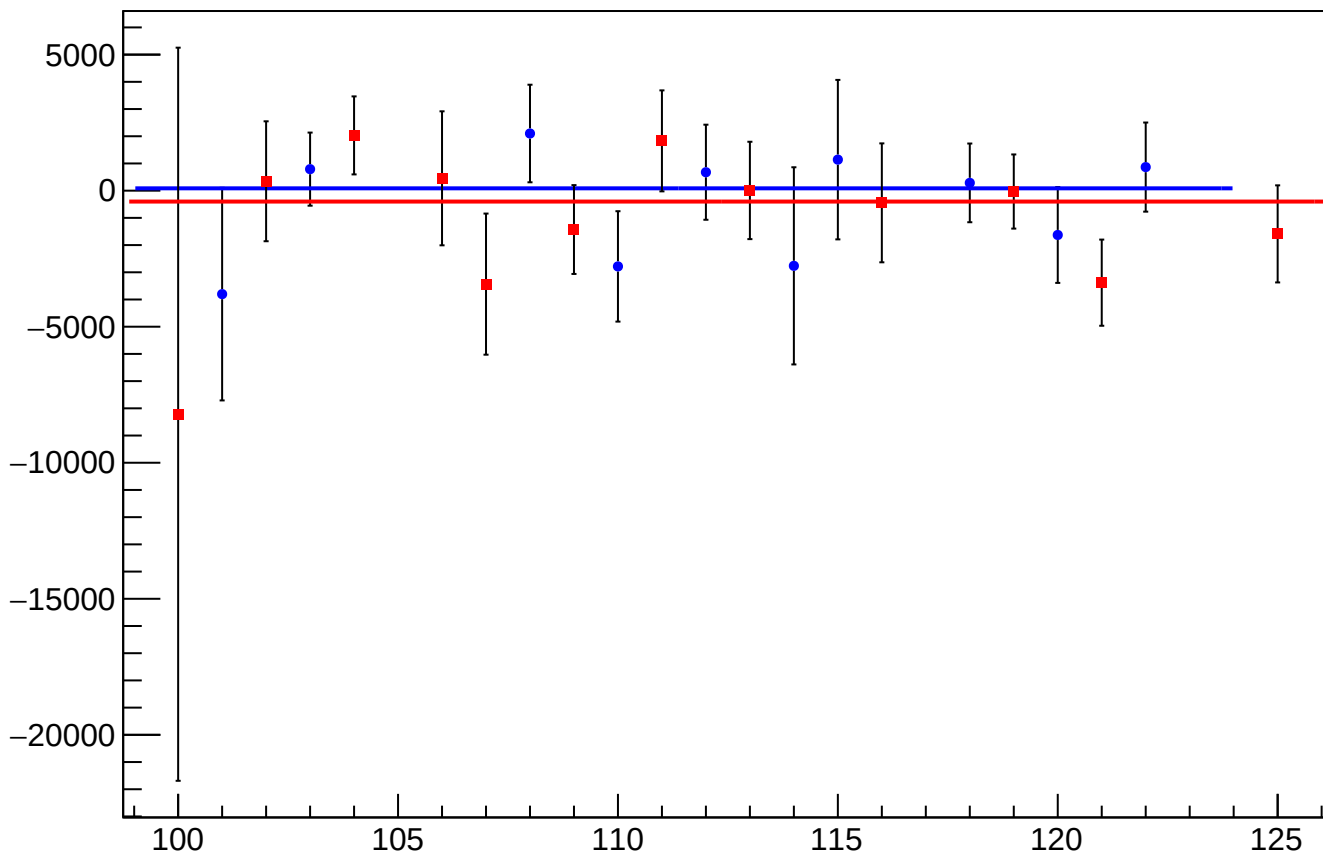
Right: 421.999+/-0.172 χ^2/NDF : 10848537.9/21

In: 436.372+/-0.258 χ^2/NDF :5249602.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 421.999+/-0.172 χ^2/NDF : 10848537.9/21

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: -400.578+/-538.342 χ^2/NDF : 10.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

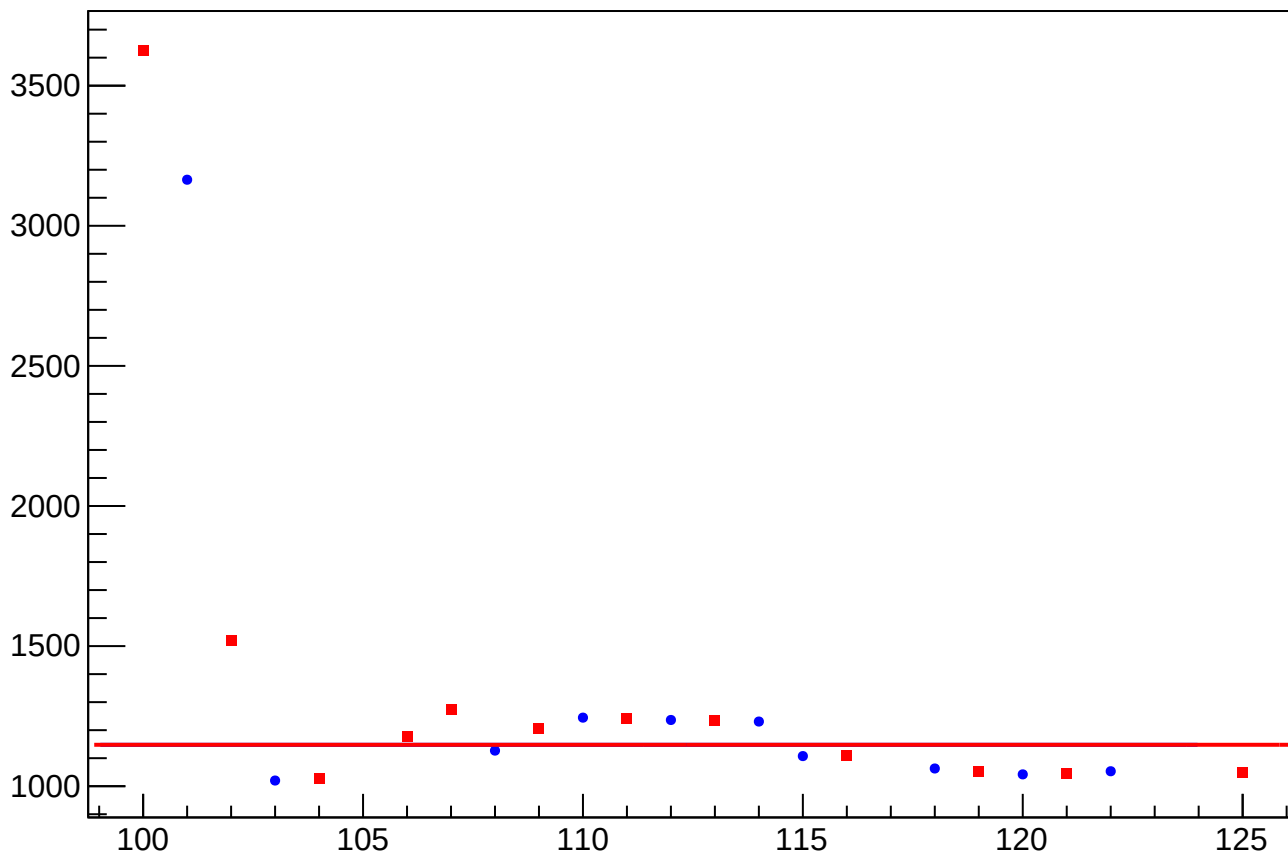
Right: -179.901+/-397.863 χ^2/NDF : 17.7/21

In: 85.708+/-590.610 χ^2/NDF : 6.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -179.901+/-397.863 χ^2/NDF : 17.7/21

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: 1147.829+/-0.380 χ^2/NDF : 181510.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

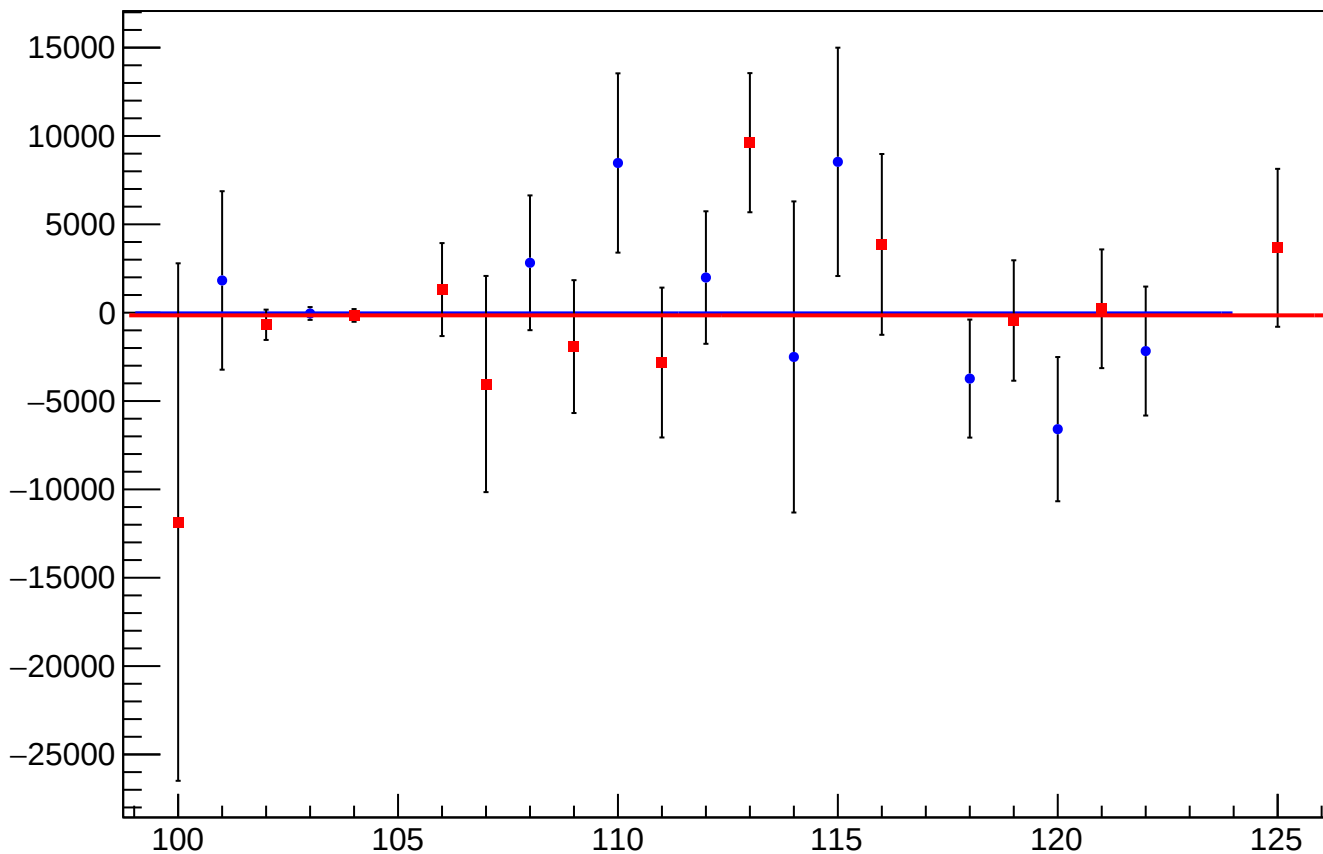
Right: 1147.742+/-0.281 χ^2/NDF : 764292.8/21

In: 1147.638+/-0.418 χ^2/NDF :582782.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1147.742+/-0.281 χ^2/NDF : 764292.8/21

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: -150.836+/-321.345 χ^2/NDF : 9.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

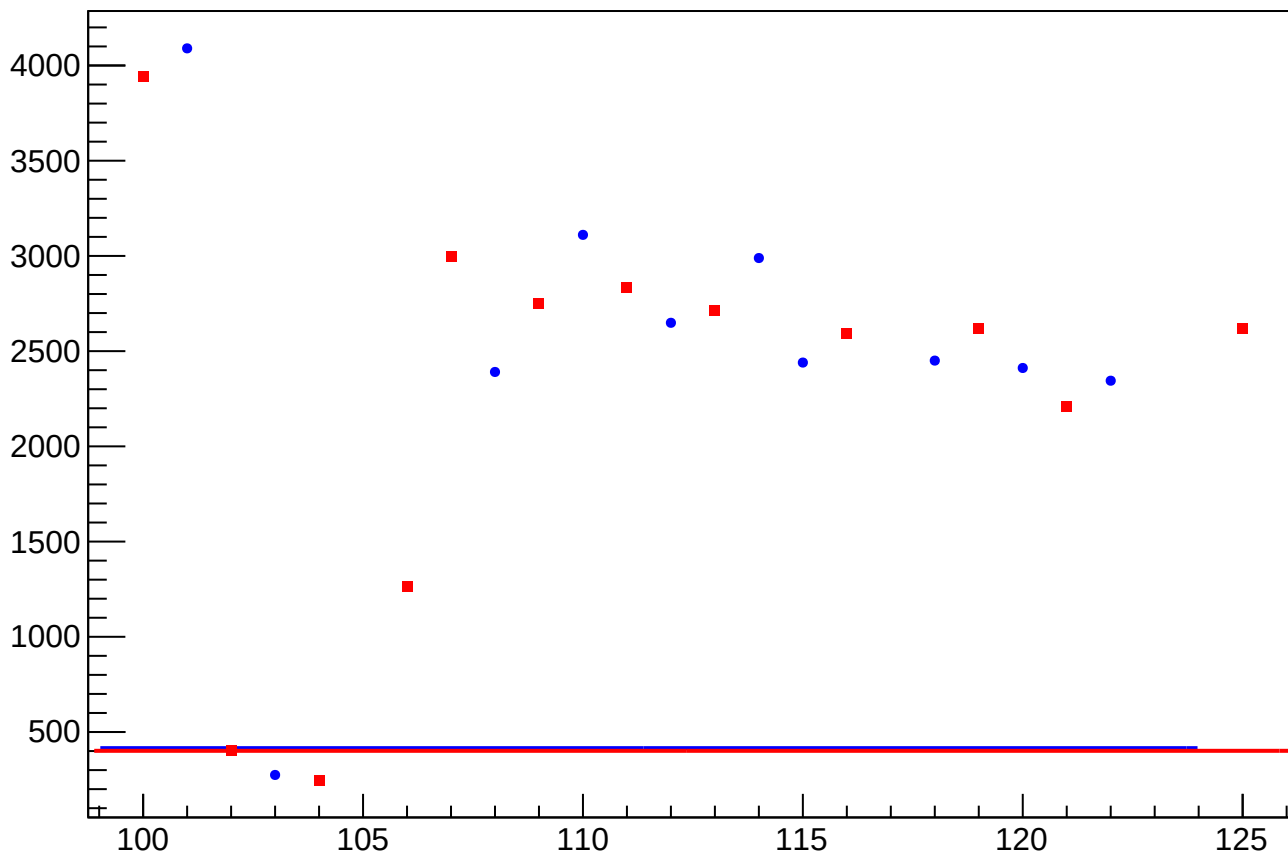
Right: -100.680+/-237.131 χ^2/NDF : 19.7/21

In: -40.713+/-351.370 χ^2/NDF :9.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -100.680+/-237.131 χ^2/NDF : 19.7/21

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: 401.272+/-0.227 χ^2/NDF : 5489867.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

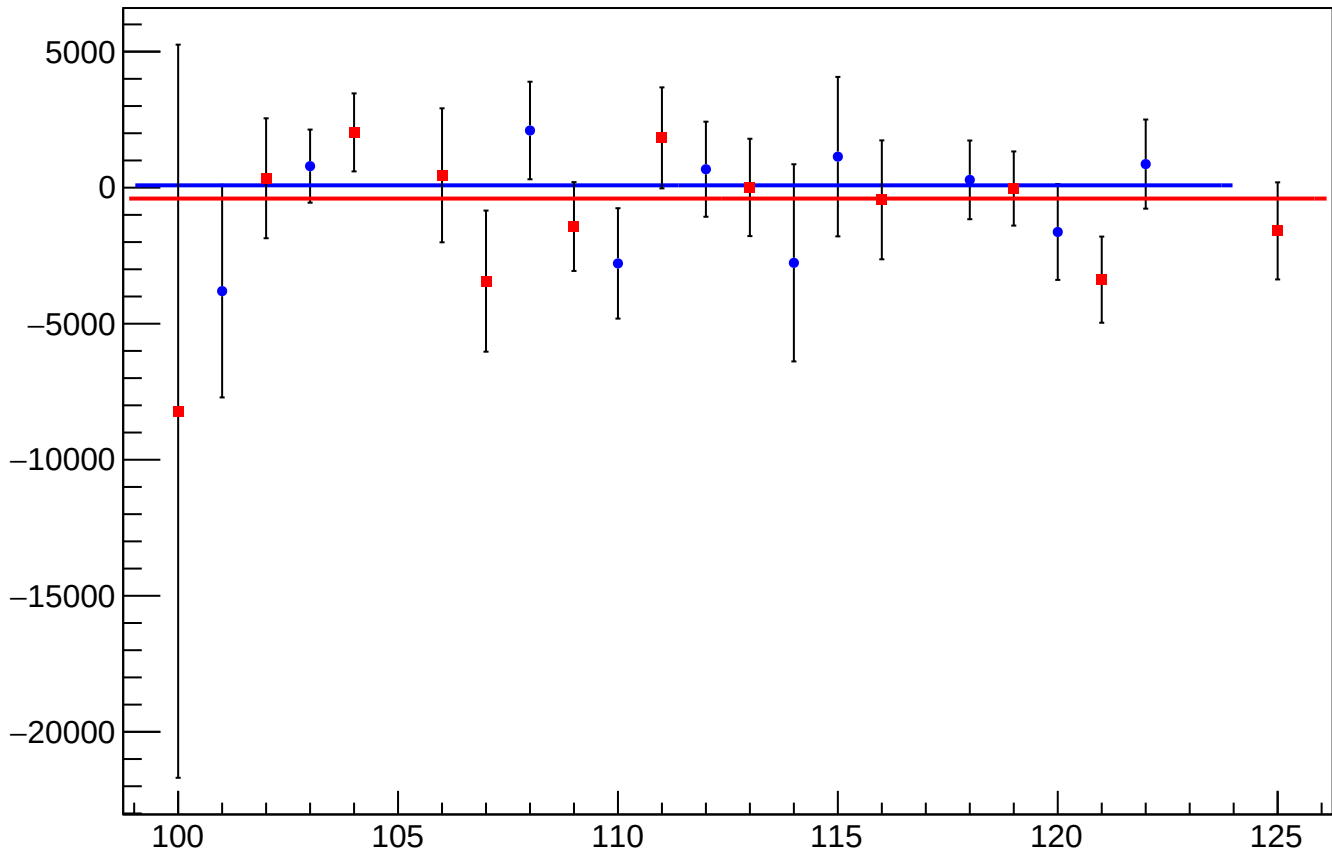
Right: 407.661+/-0.168 χ^2/NDF : 10811099.3/21

In: 415.299+/-0.248 χ^2/NDF :5319496.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 407.661+/-0.168 χ^2/NDF : 10811099.3/21

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: -400.578+/-538.342 χ^2/NDF : 10.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

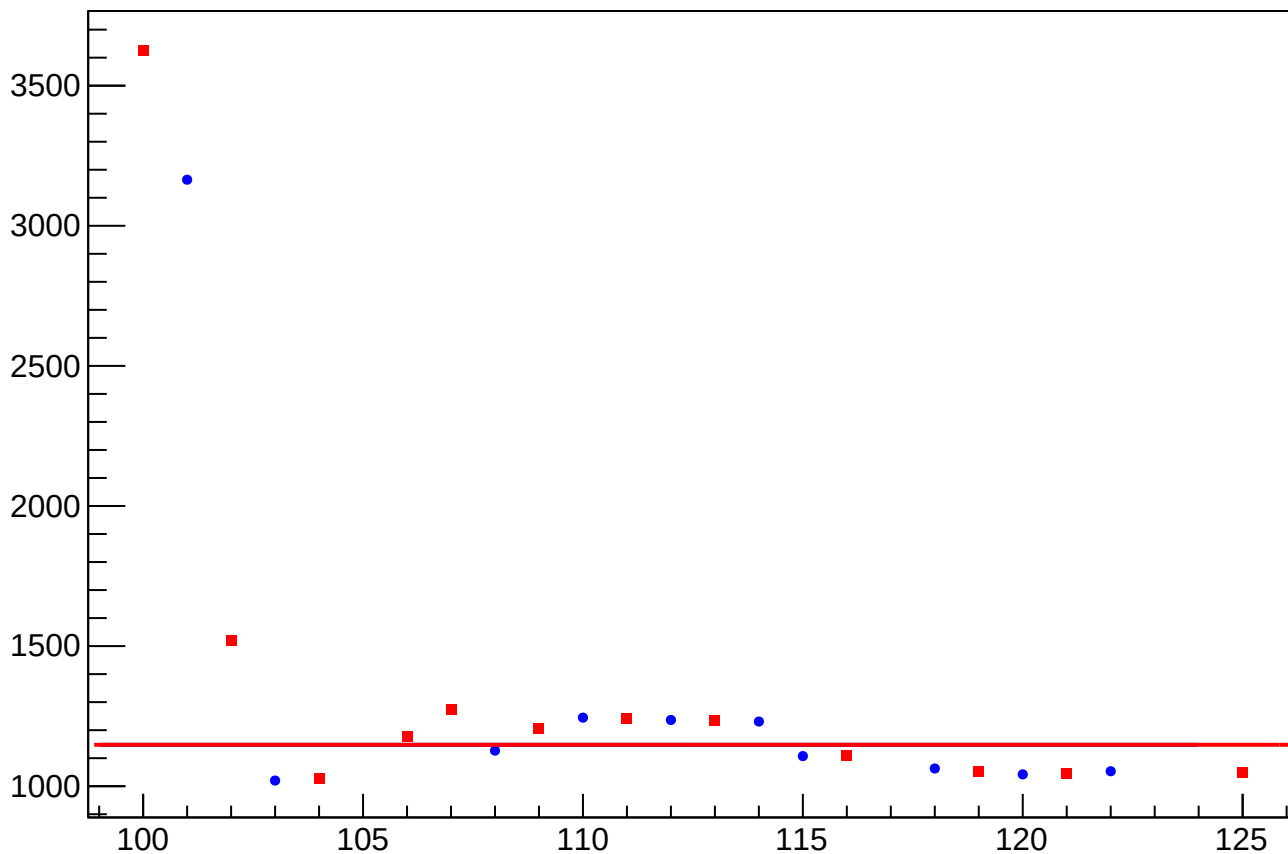
Right: -179.901+/-397.863 χ^2/NDF : 17.7/21

In: 85.708+/-590.610 χ^2/NDF : 6.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -179.901+/-397.863 χ^2/NDF : 17.7/21

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: 1147.829+/-0.380 χ^2/NDF : 181510.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

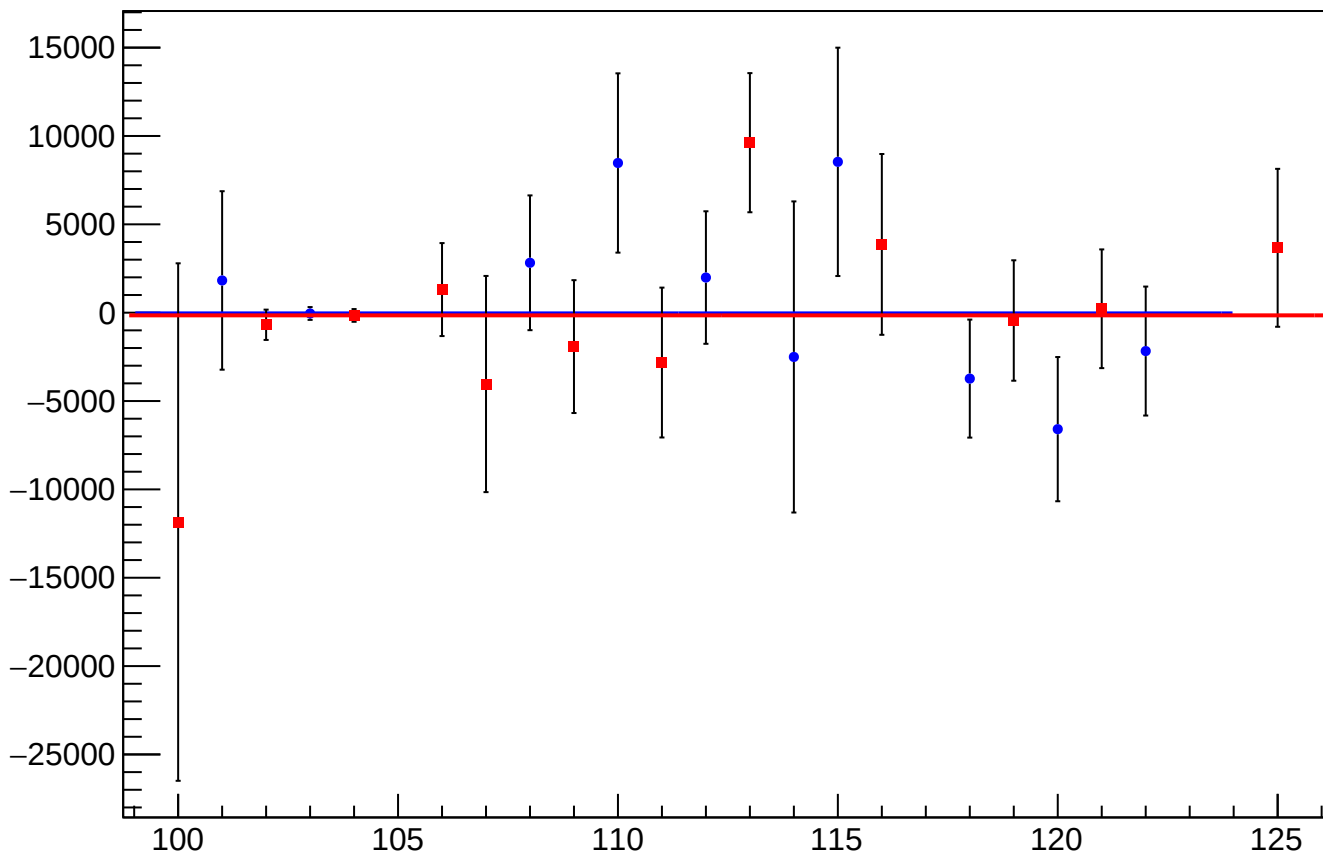
Right: 1147.742+/-0.281 χ^2/NDF : 764292.8/21

In: 1147.638+/-0.418 χ^2/NDF : 582782.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1147.742+/-0.281 χ^2/NDF : 764292.8/21

asym_us_avg_atlr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -40.713+/-351.370 χ^2/NDF : 9.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -150.836+/-321.345 χ^2/NDF : 9.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

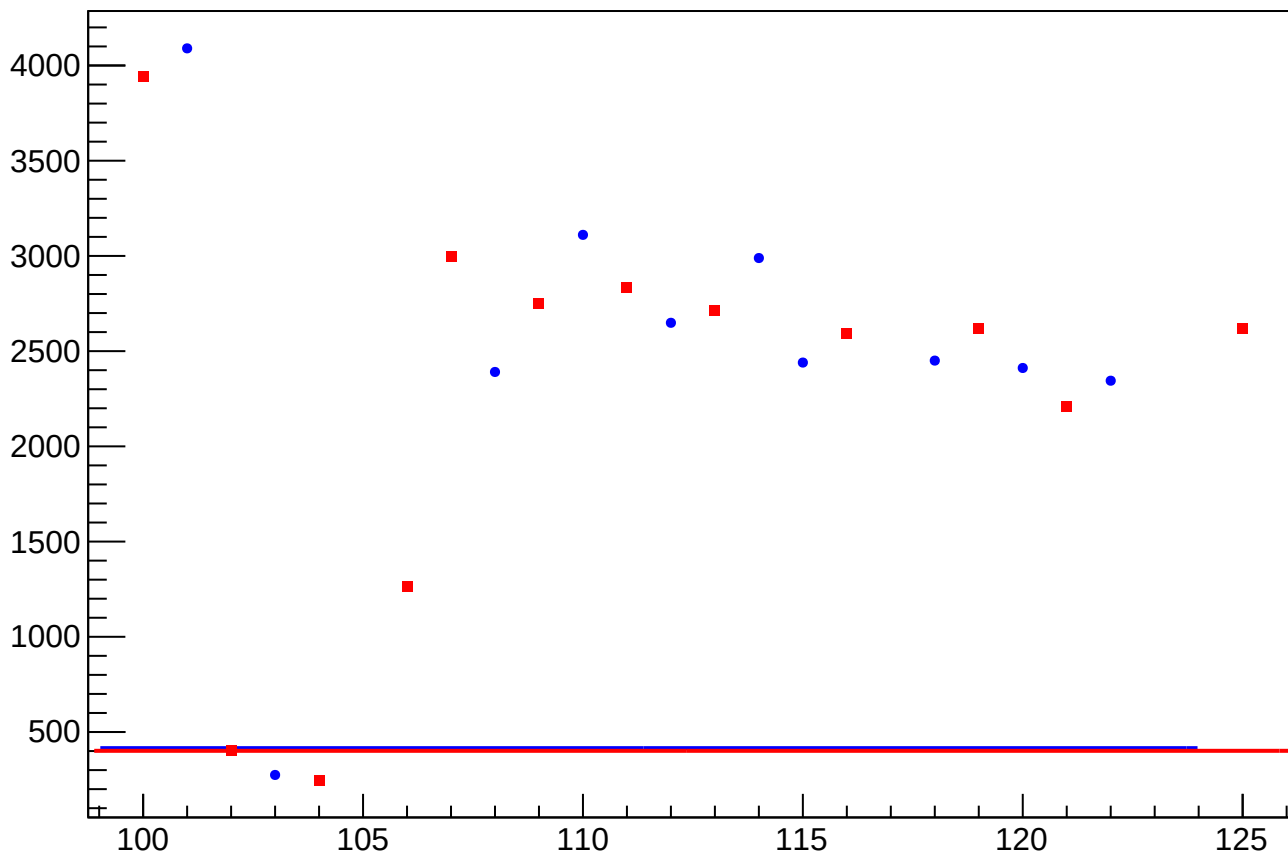
Right: -100.680+/-237.131 χ^2/NDF : 19.7/21

In: -40.713+/-351.370 χ^2/NDF :9.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -100.680+/-237.131 χ^2/NDF : 19.7/21

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: 401.272+/-0.227 χ^2/NDF : 5489867.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

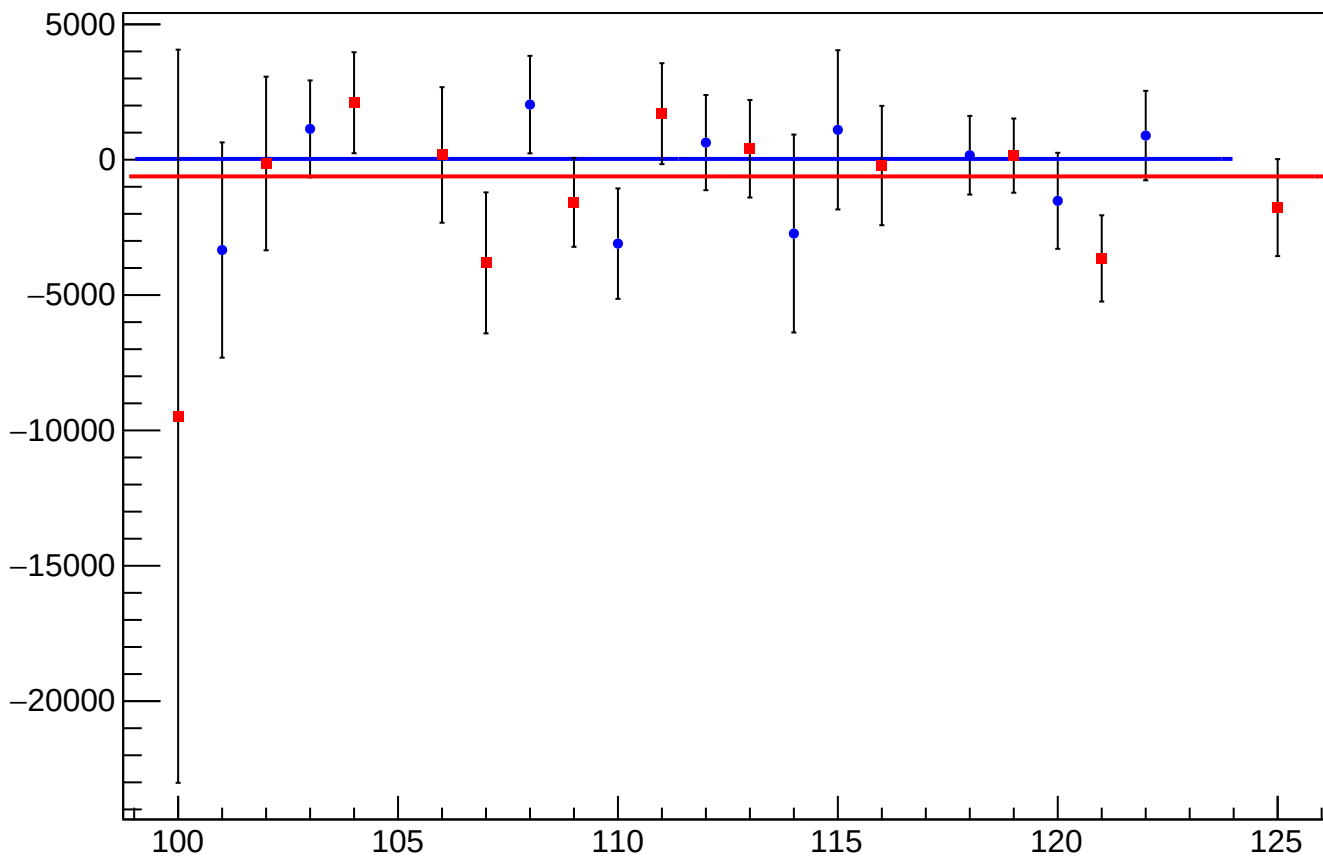
Right: 407.661+/-0.168 χ^2/NDF : 10811099.3/21

In: 415.299+/-0.248 χ^2/NDF :5319496.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 407.661+/-0.168 χ^2/NDF : 10811099.3/21

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: -617.346+/-567.179 χ^2/NDF : 10.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

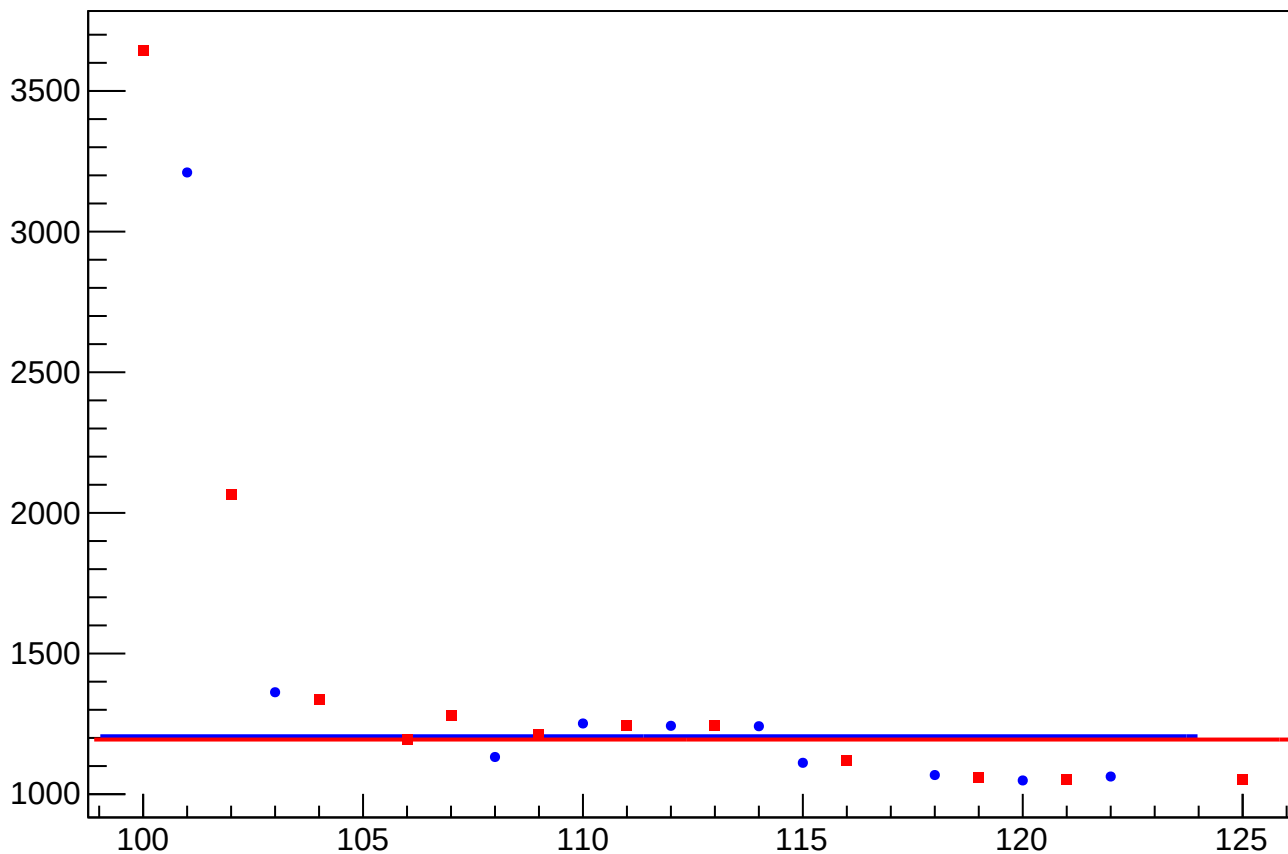
Right: -323.162+/-418.663 χ^2/NDF : 17.9/21

In: 29.019+/-620.574 χ^2/NDF : 6.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -323.162+/-418.663 χ^2/NDF : 17.9/21

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: 1194.259+/-0.401 χ^2/NDF : 281244.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

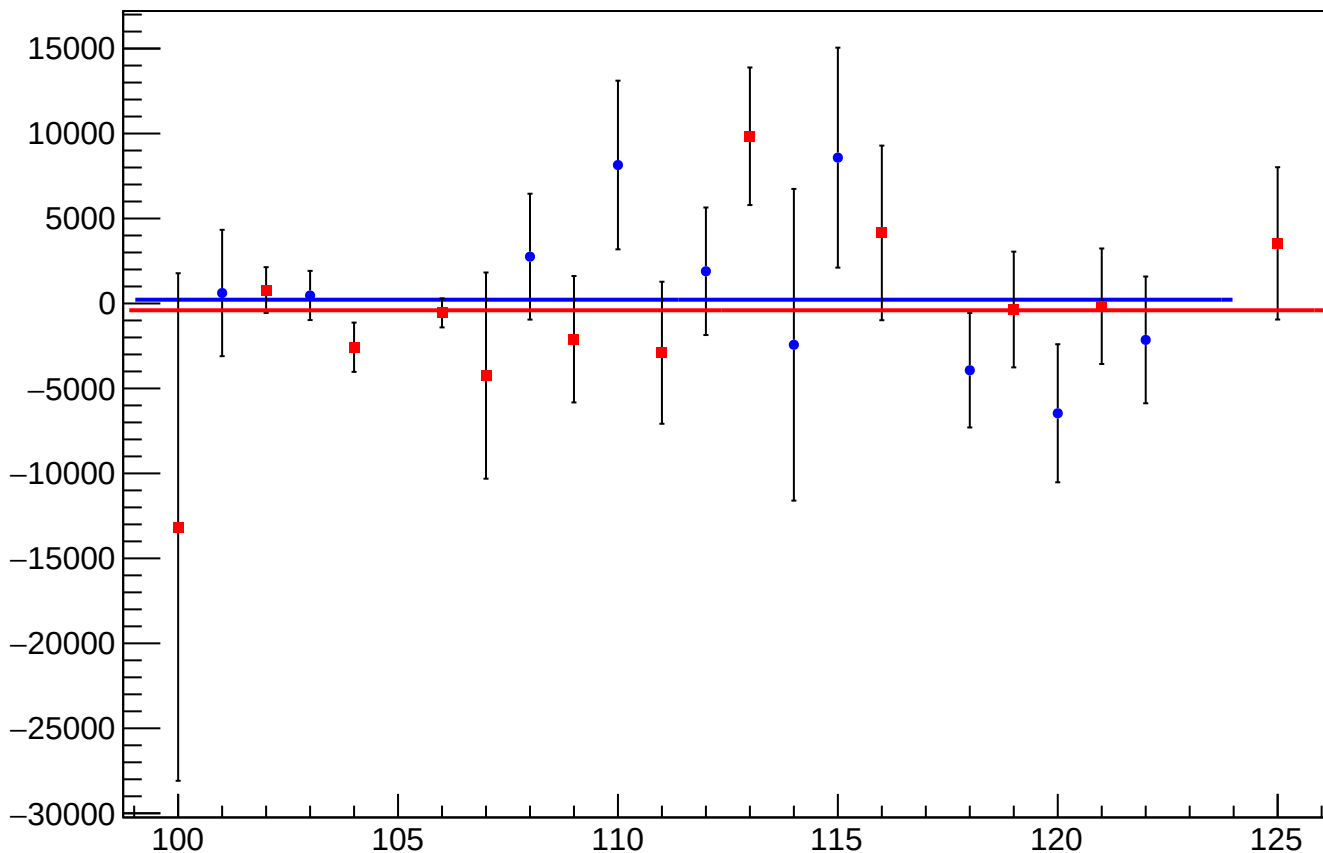
Right: 1199.564+/-0.296 χ^2/NDF : 861427.1/21

In: 1205.925+/-0.439 χ^2/NDF : 579797.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1199.564+/-0.296 χ^2/NDF : 861427.1/21

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: -400.913+/-589.097 χ^2/NDF : 12.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

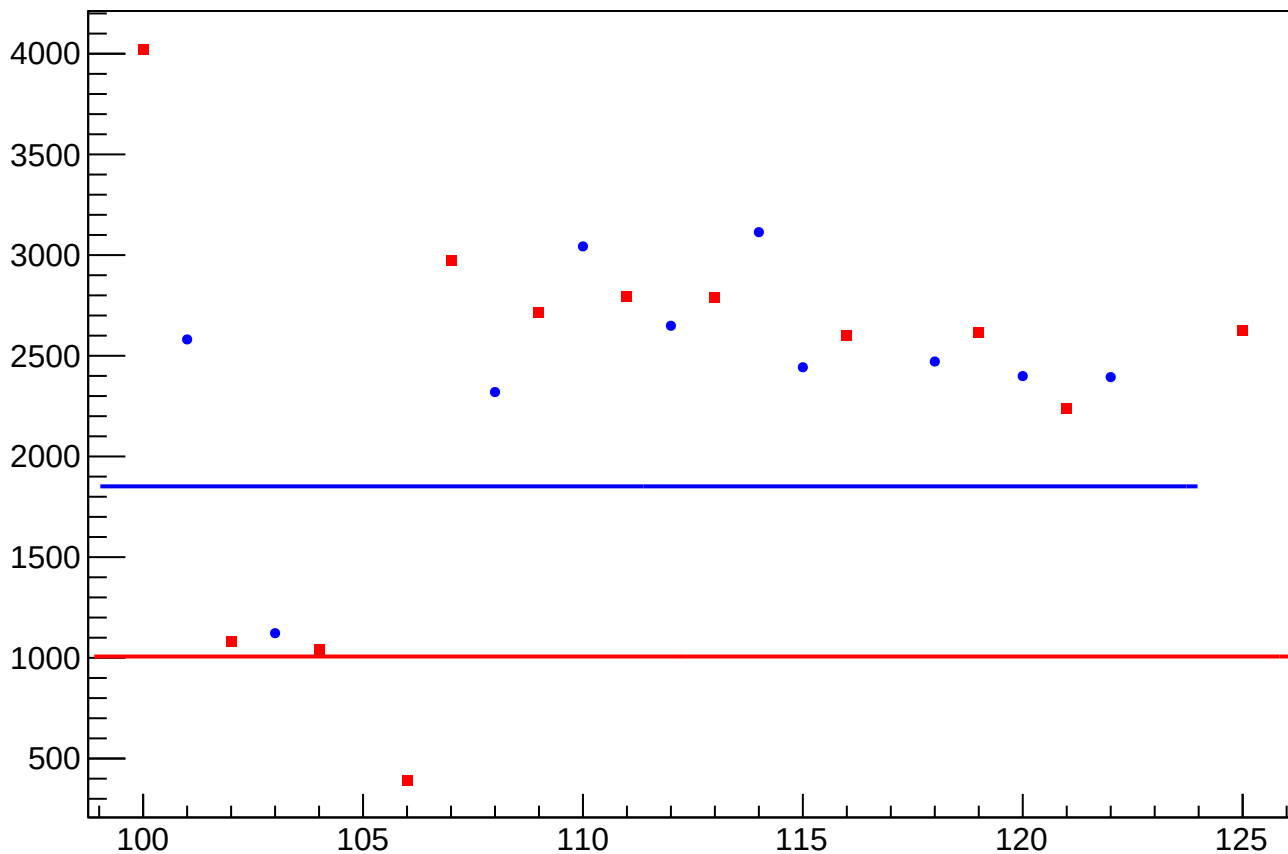
Right: -241.817+/-508.187 χ^2/NDF : 22.6/21

In: 220.976+/-1004.732 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -241.817+/-508.187 χ^2/NDF : 22.6/21

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: 1006.528+/-0.417 χ^2/NDF : 3680133.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

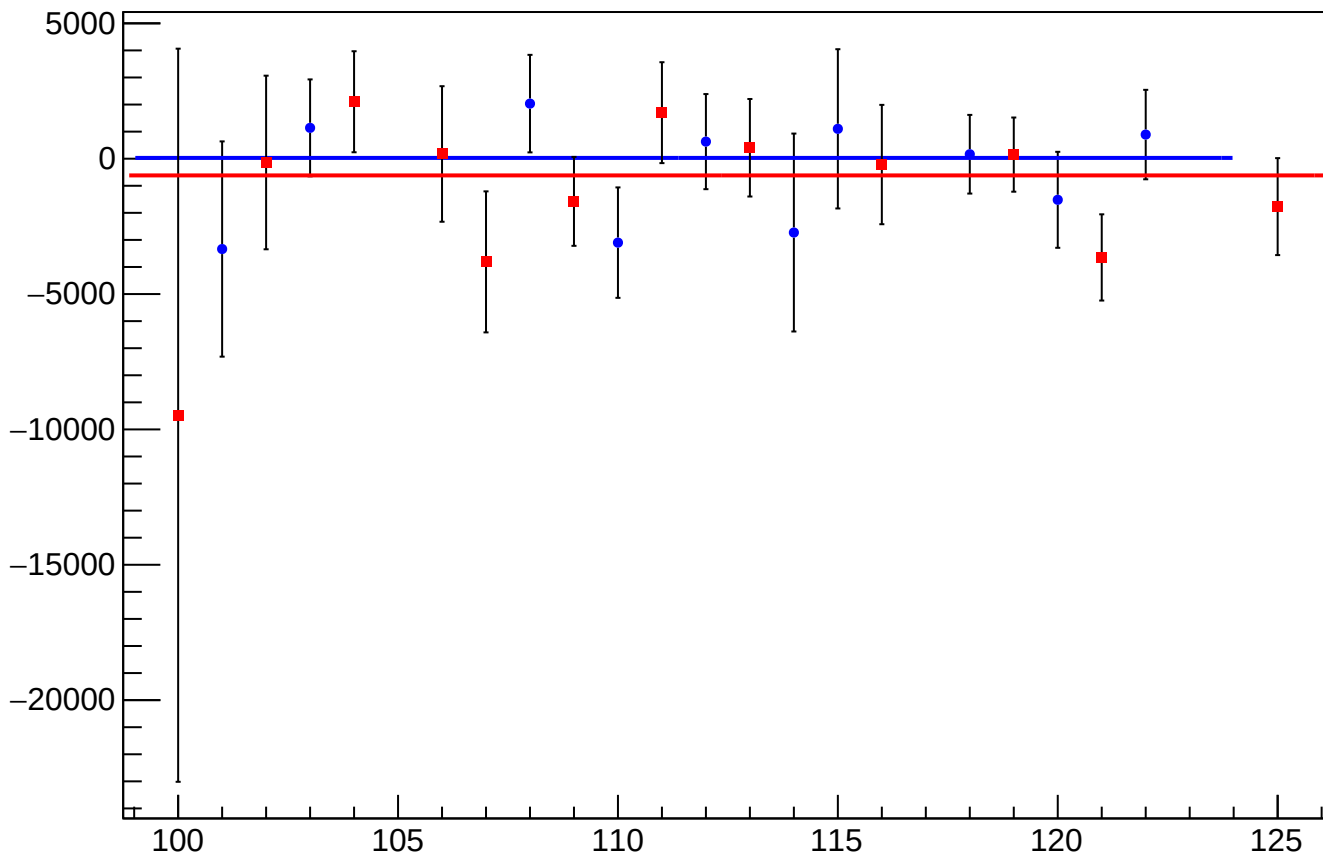
Right: 1222.714+/-0.359 χ^2/NDF : 5756047.5/21

In: 1851.578+/-0.710 χ^2/NDF : 1023059.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1222.714+/-0.359 χ^2/NDF : 5756047.5/21

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: -617.353+/-567.179 χ^2/NDF : 10.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

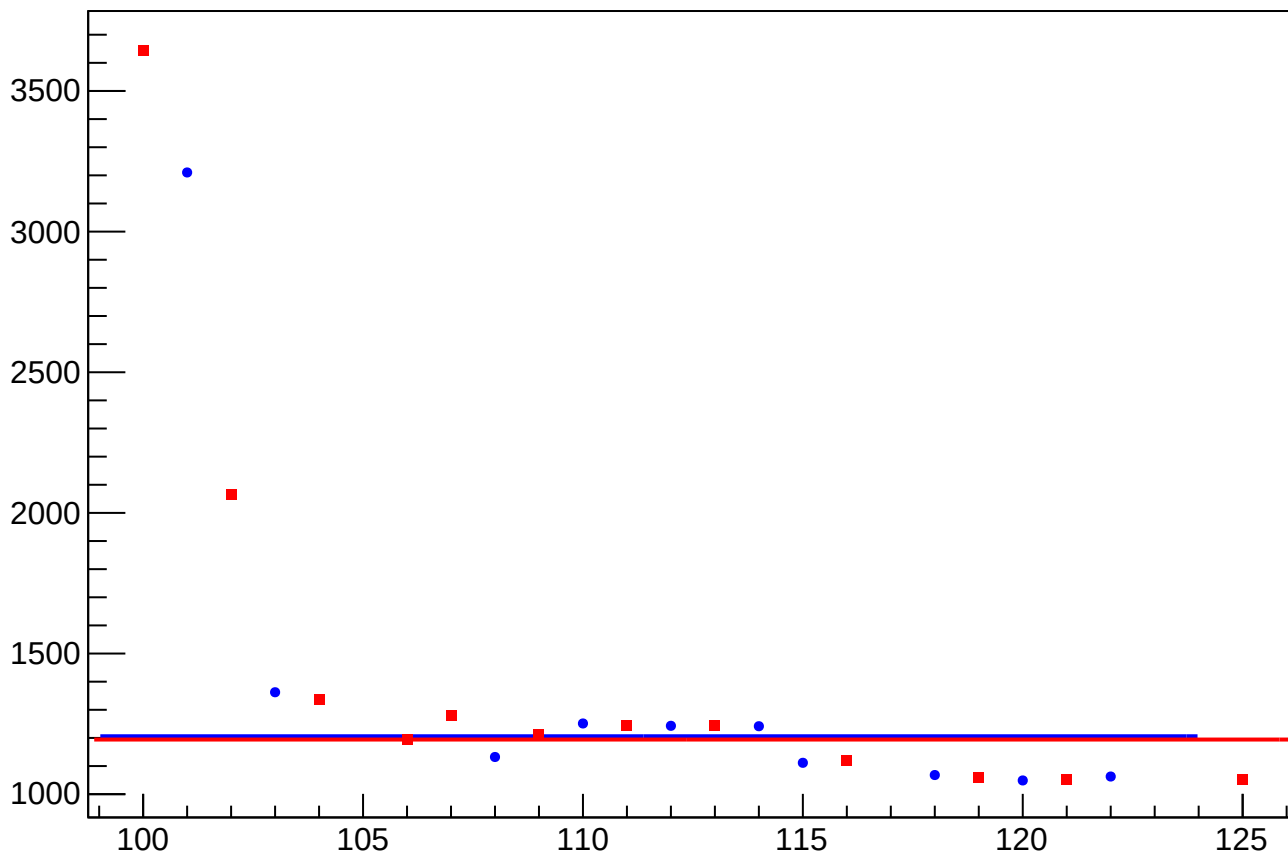
Right: -323.165+/-418.663 χ^2/NDF : 17.9/21

In: 29.022+/-620.574 χ^2/NDF : 6.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -323.165+/-418.663 χ^2/NDF : 17.9/21

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: 1194.259+/-0.401 χ^2/NDF : 281243.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

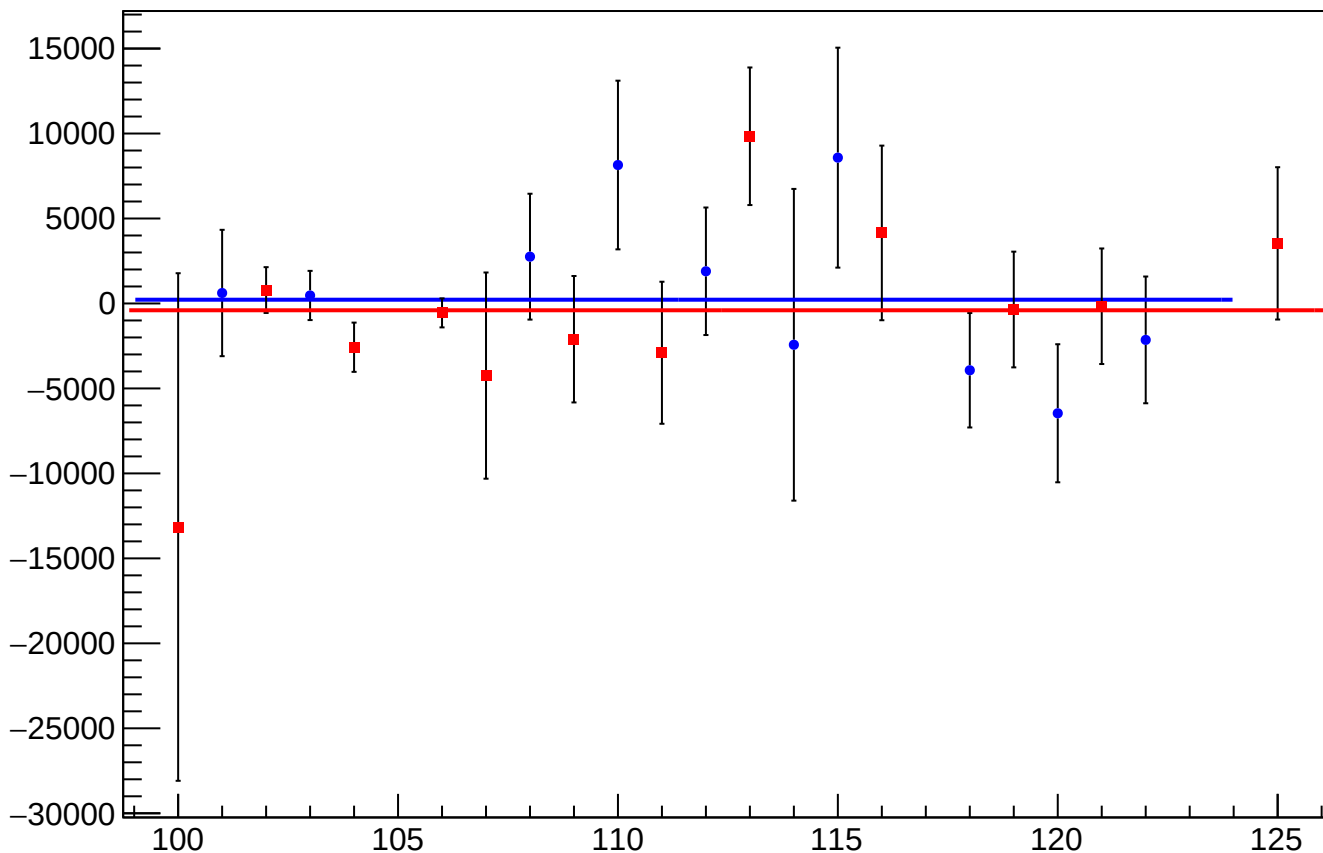
Right: 1199.564+/-0.296 χ^2/NDF : 861427.0/21

In: 1205.925+/-0.439 χ^2/NDF : 579797.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1199.564+/-0.296 χ^2/NDF : 861427.0/21

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: -400.914+/-589.089 χ^2/NDF : 12.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

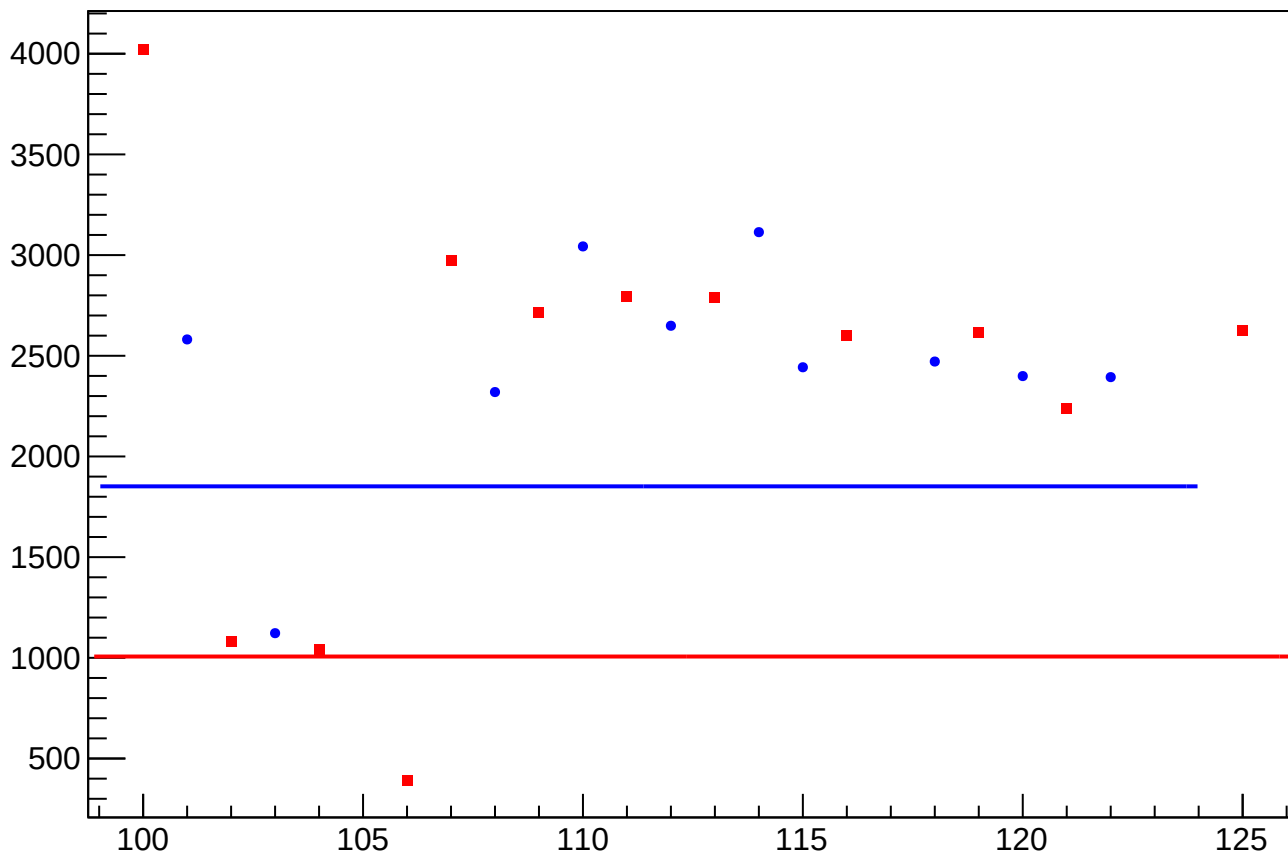
Right: -241.821+/-508.182 χ^2/NDF : 22.6/21

In: 220.971+/-1004.730 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -241.821+/-508.182 χ^2/NDF : 22.6/21

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: 1006.507+/-0.417 χ^2/NDF : 3680220.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

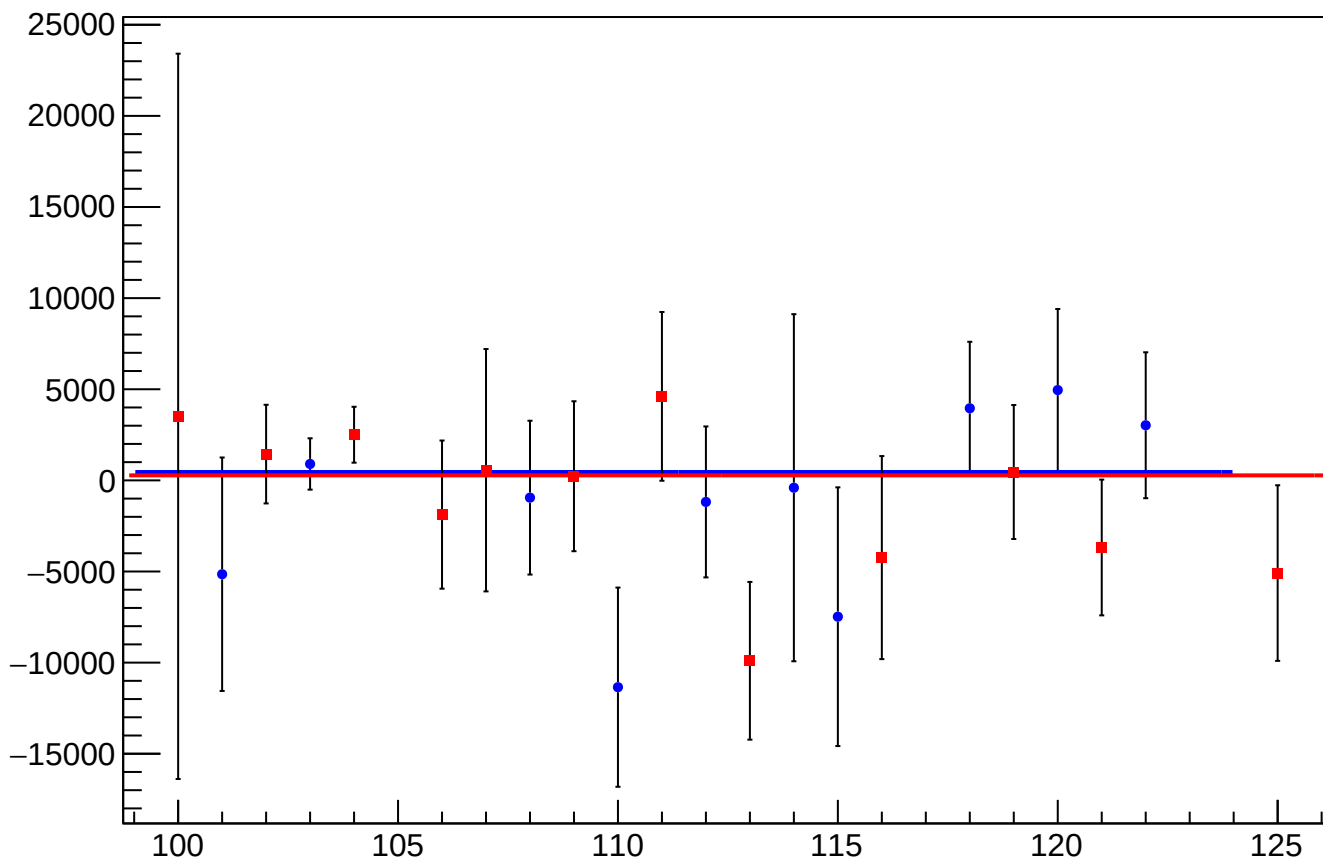
Right: 1222.695+/-0.359 χ^2/NDF : 5756183.9/21

In: 1851.575+/-0.710 χ^2/NDF : 1023053.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1222.695+/-0.359 χ^2/NDF : 5756183.9/21

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: 274.789+/-986.312 χ^2/NDF : 12.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

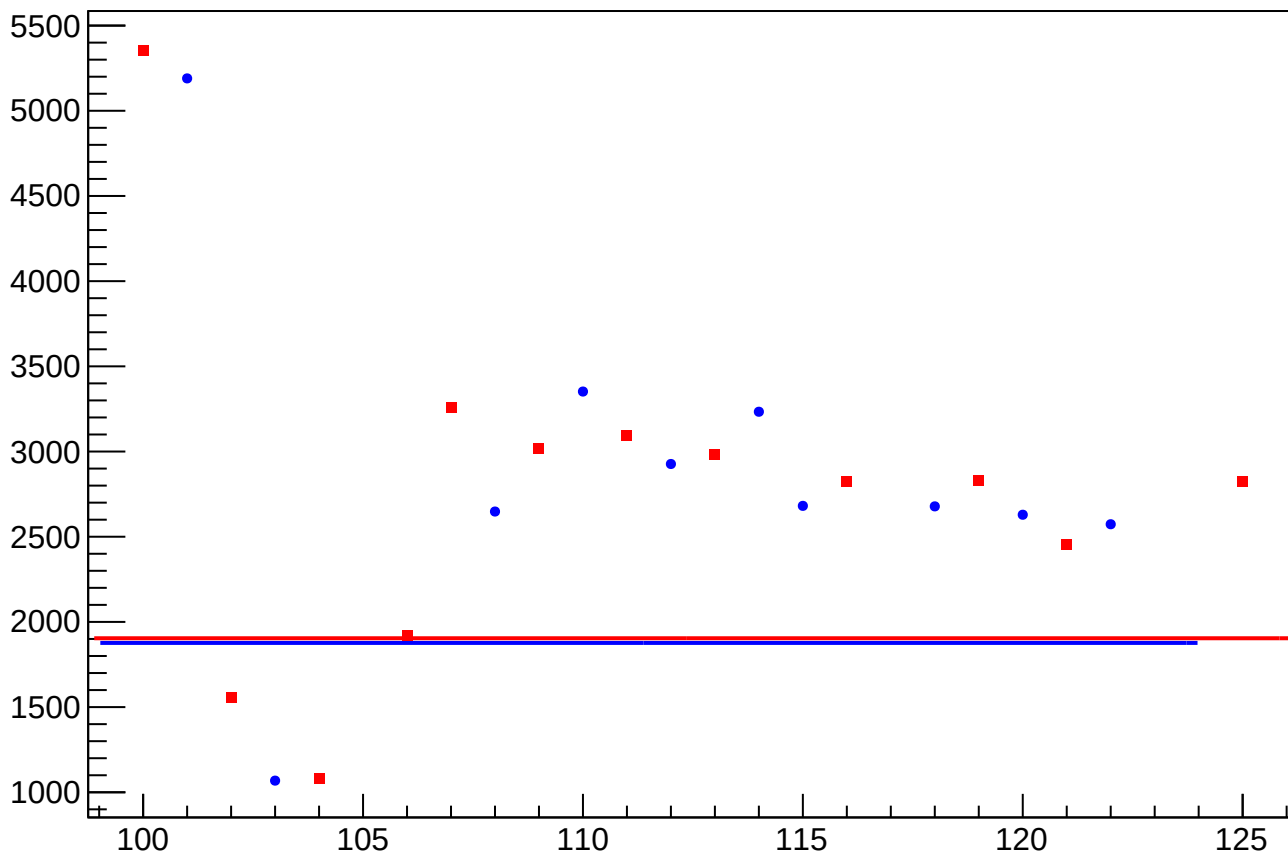
Right: 360.230+/-721.076 χ^2/NDF : 21.5/21

In: 458.328+/-1056.848 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 360.230+/-721.076 χ^2/NDF : 21.5/21

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: 1904.092+/-0.695 χ^2/NDF : 1451922.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

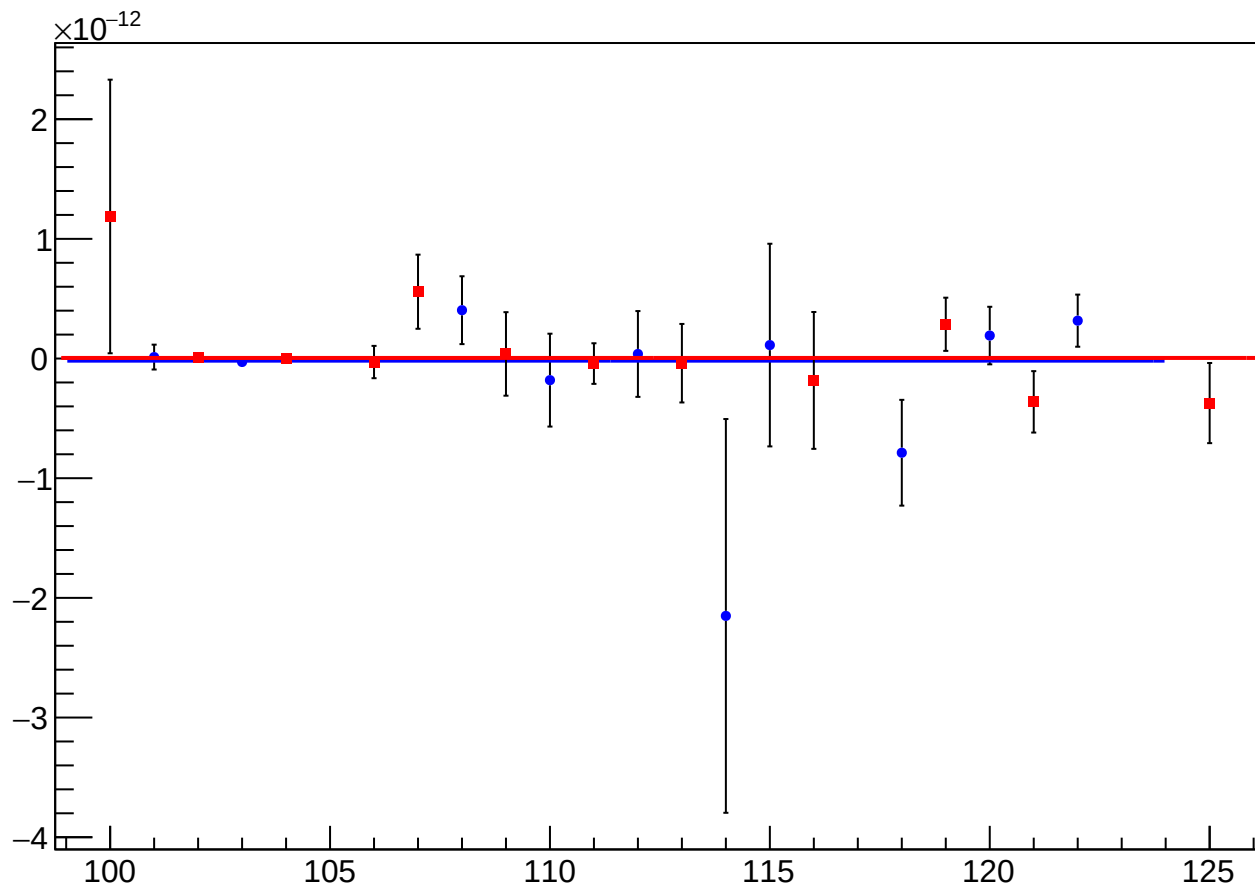
Right: 1891.399+/-0.509 χ^2/NDF : 3268149.6/21

In: 1876.740+/-0.747 χ^2/NDF : 1815509.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1891.399+/-0.509 χ^2/NDF : 3268149.6/21

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 : 9.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

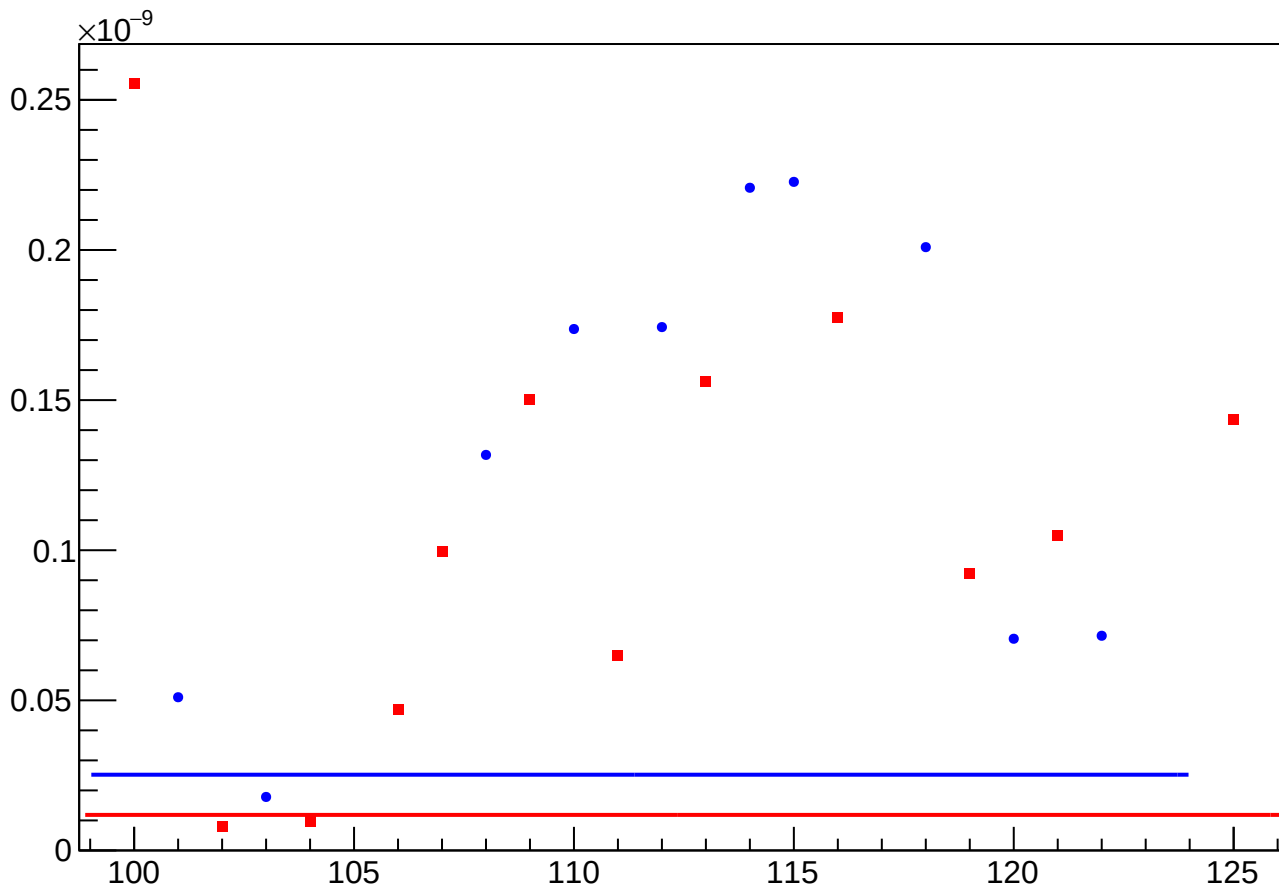
Right: -0.000+/-0.000 χ^2/NDF : 20.5/21

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 : 20.5/21

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 : 2356435.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

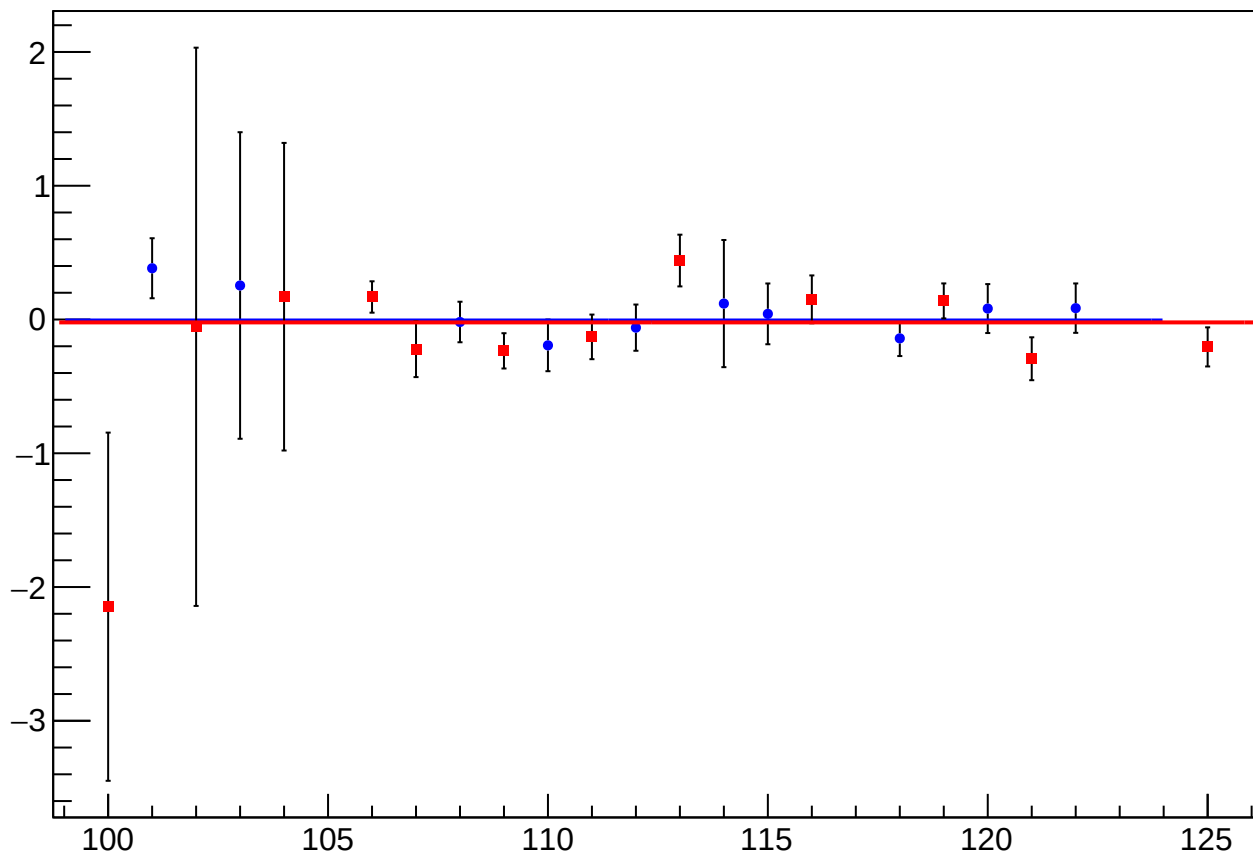
Right: 0.000+/-0.000 χ^2/NDF : 4519558.3/21

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 : 4519558.3/21

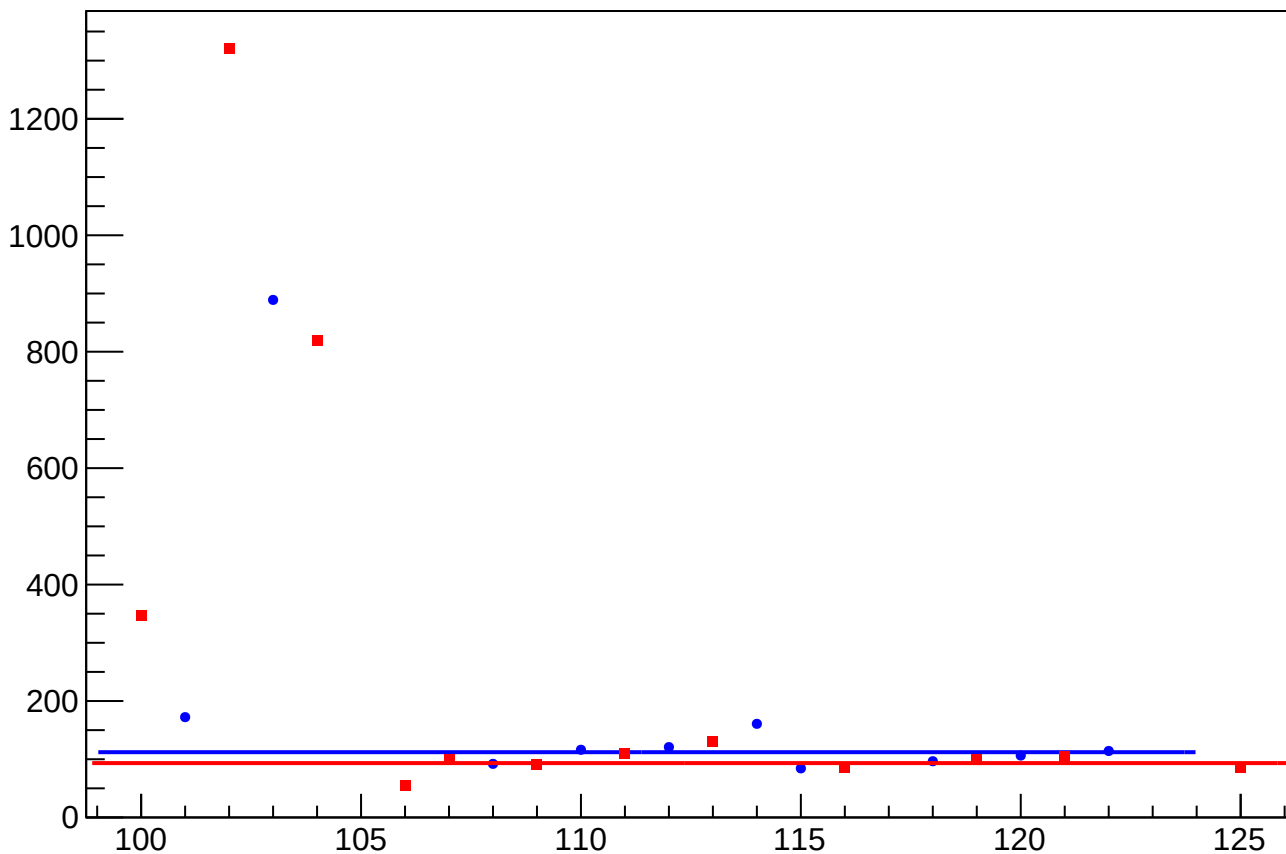
asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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: -0.022 $\pm$ 0.050 χ^2 /NDF: 21.9/11
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.016 $\pm$ 0.039 χ^2 /NDF: 27.6/21
 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: -0.016 $\pm$ 0.039 χ^2 /NDF: 27.6/21

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: 93.375+/-0.036 χ^2/NDF : 1898312.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

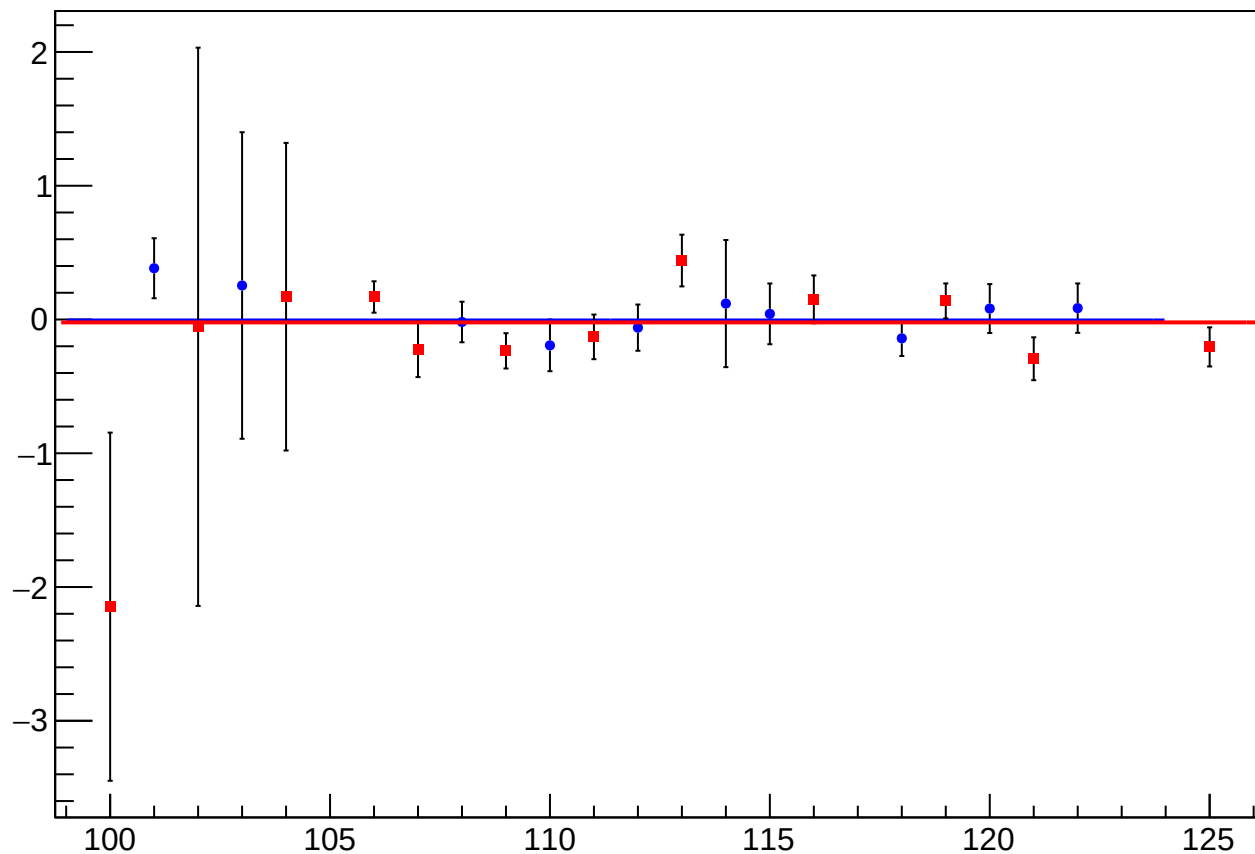
Right: 100.911+/-0.028 χ^2/NDF : 3194056.0/21

In: 112.103+/-0.043 χ^2/NDF : 1184880.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.911+/-0.028 χ^2/NDF : 3194056.0/21

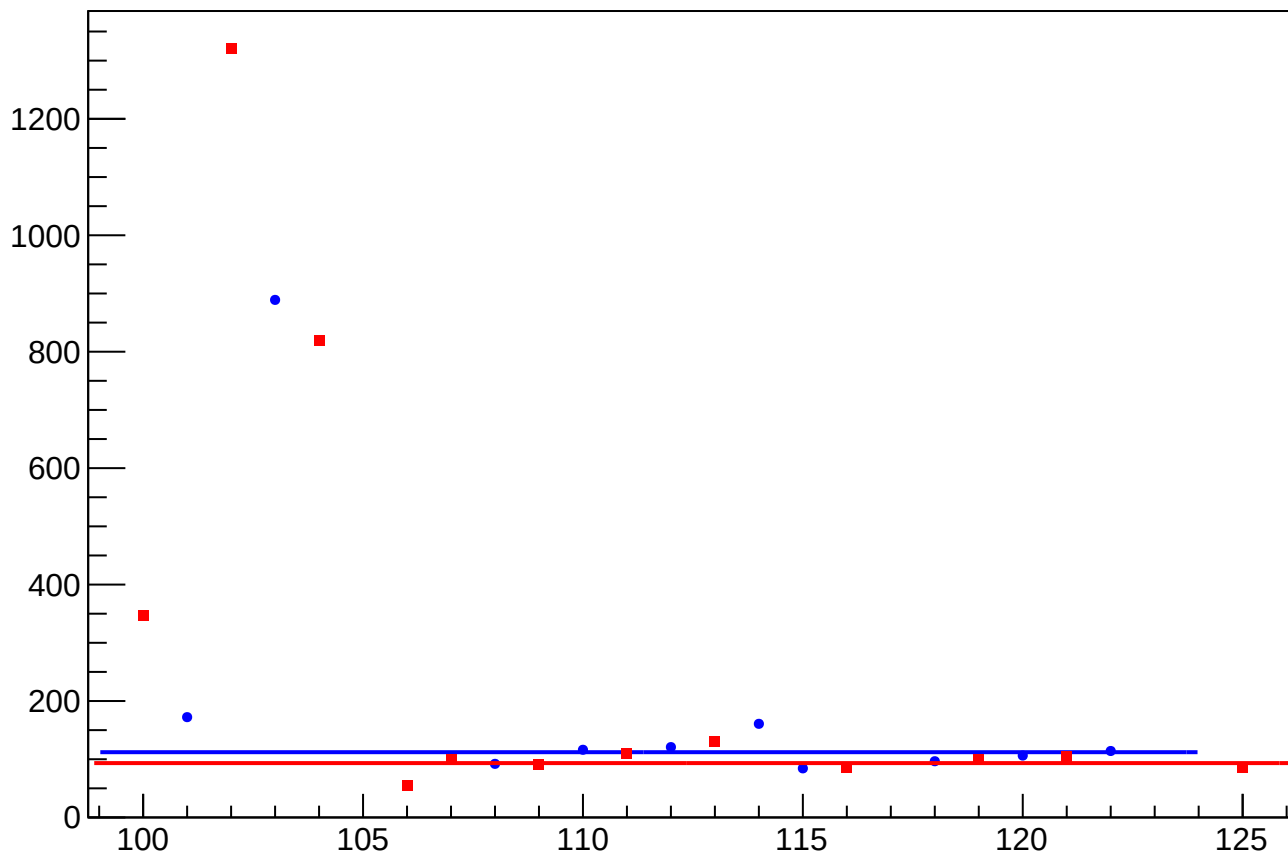
asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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: -0.022 $\pm$ 0.050 χ^2 /NDF: 21.9/11
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.016 $\pm$ 0.039 χ^2 /NDF: 27.6/21
 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: -0.016 $\pm$ 0.039 χ^2 /NDF: 27.6/21

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: 93.375+/-0.036 χ^2/NDF : 1898312.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

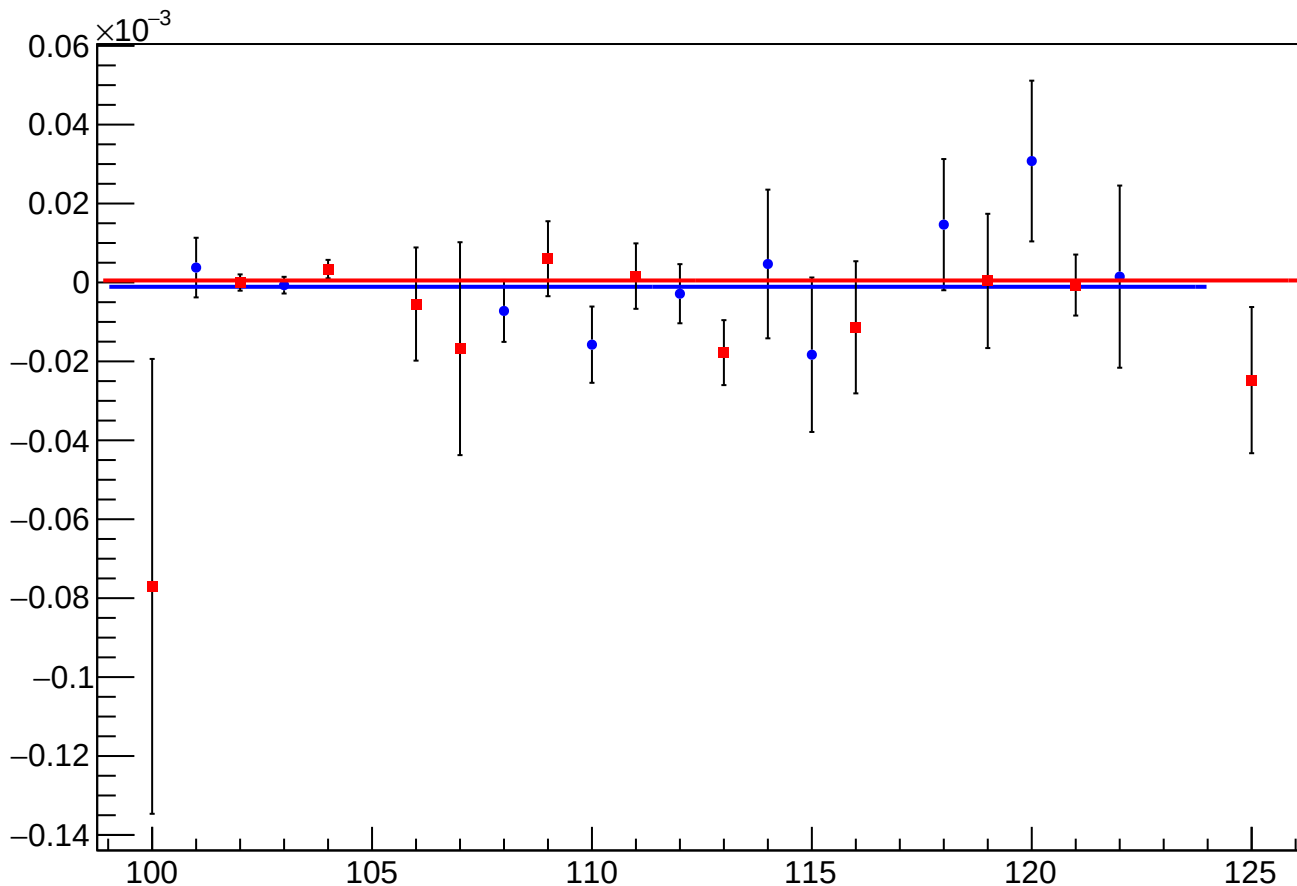
Right: 100.911+/-0.028 χ^2/NDF : 3194056.0/21

In: 112.103+/-0.043 χ^2/NDF : 1184880.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.911+/-0.028 χ^2/NDF : 3194056.0/21

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 : 11.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

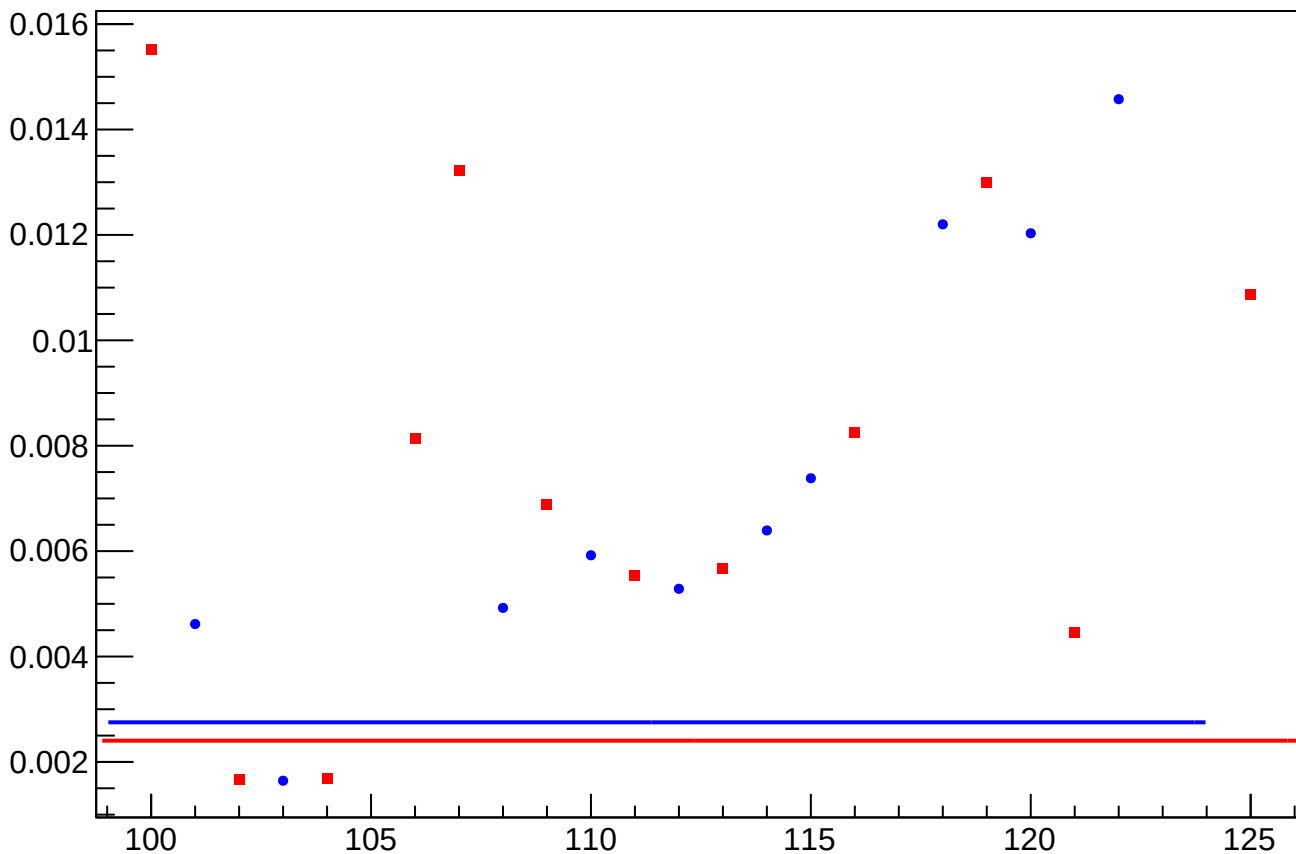
Right: -0.000+/-0.000 χ^2/NDF : 19.8/21

In: -0.000+/-0.000 χ^2/NDF :7.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.8/21

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 : 3818534.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

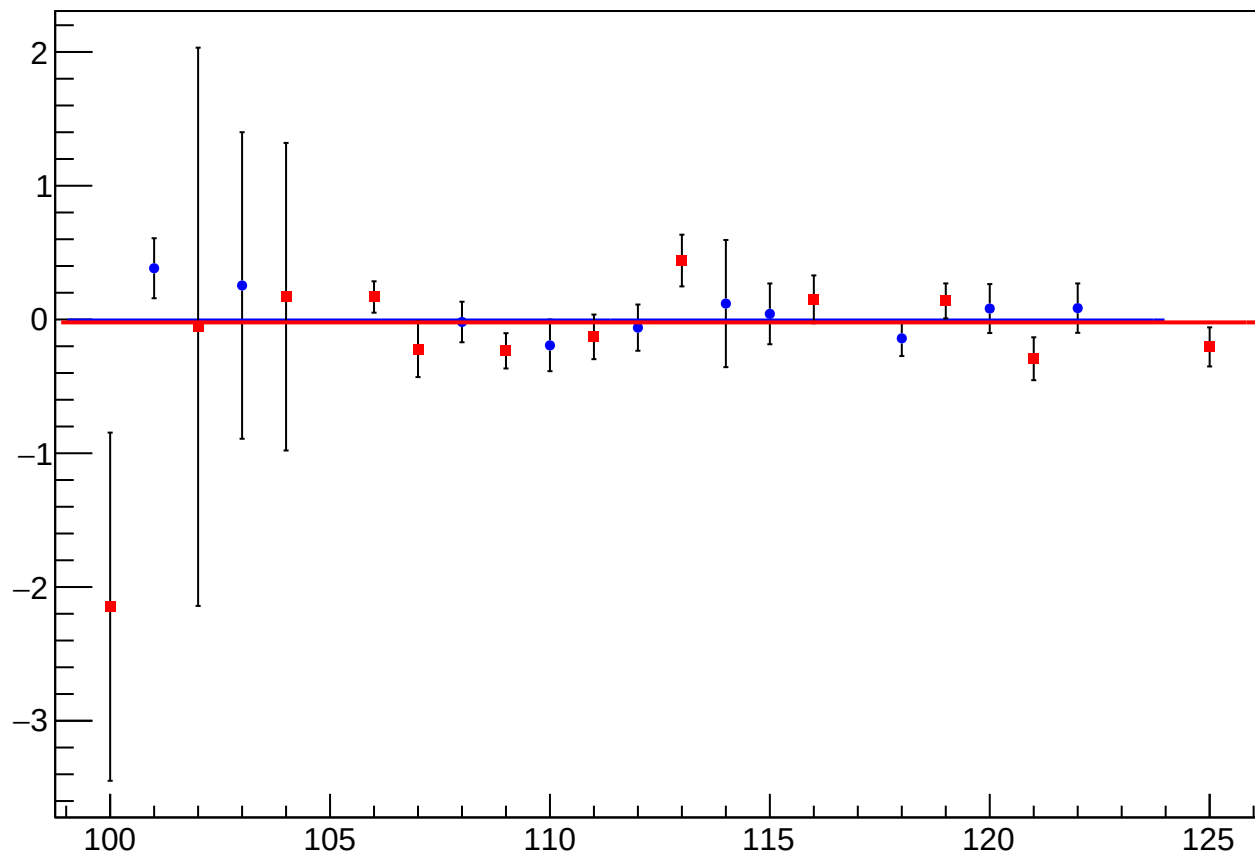
Right: 0.003+/-0.000 χ^2/NDF : 6905466.5/21

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 : 6905466.5/21

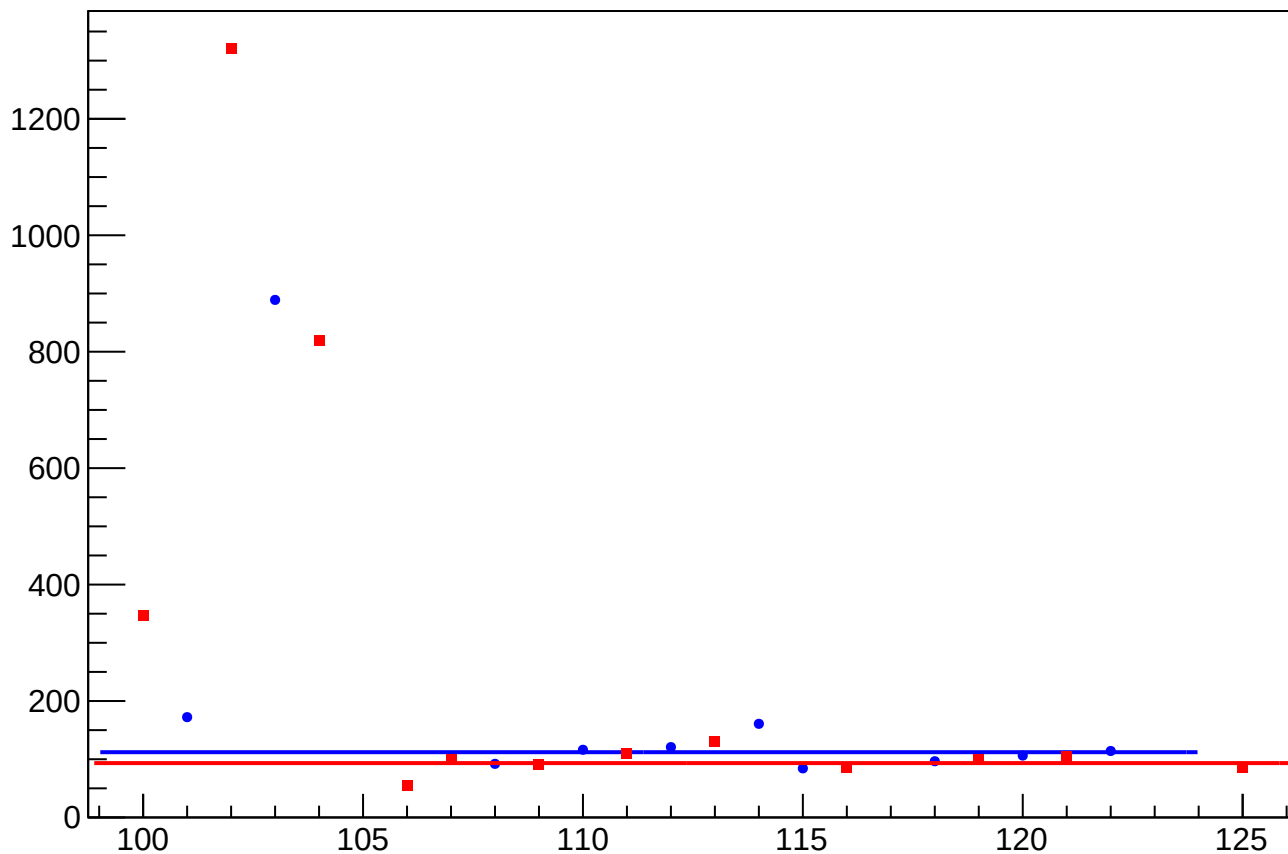
asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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: -0.022 $\pm$ 0.050 χ^2 /NDF: 21.9/11
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.016 $\pm$ 0.039 χ^2 /NDF: 27.6/21
 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: -0.016 $\pm$ 0.039 χ^2 /NDF: 27.6/21

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: 93.374+/-0.036 χ^2/NDF : 1898377.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

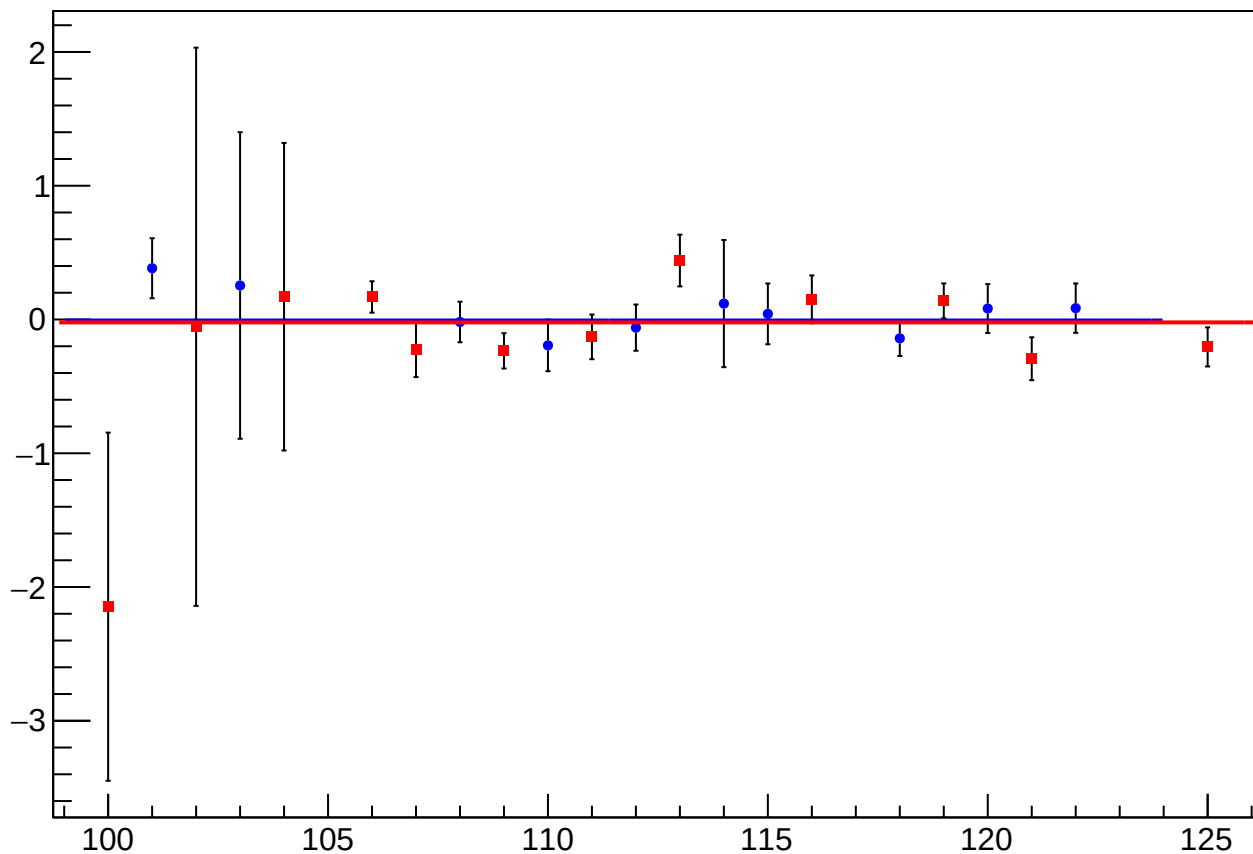
Right: 100.911+/-0.028 χ^2/NDF : 3194126.4/21

In: 112.103+/-0.043 χ^2/NDF : 1184867.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.911+/-0.028 χ^2/NDF : 3194126.4/21

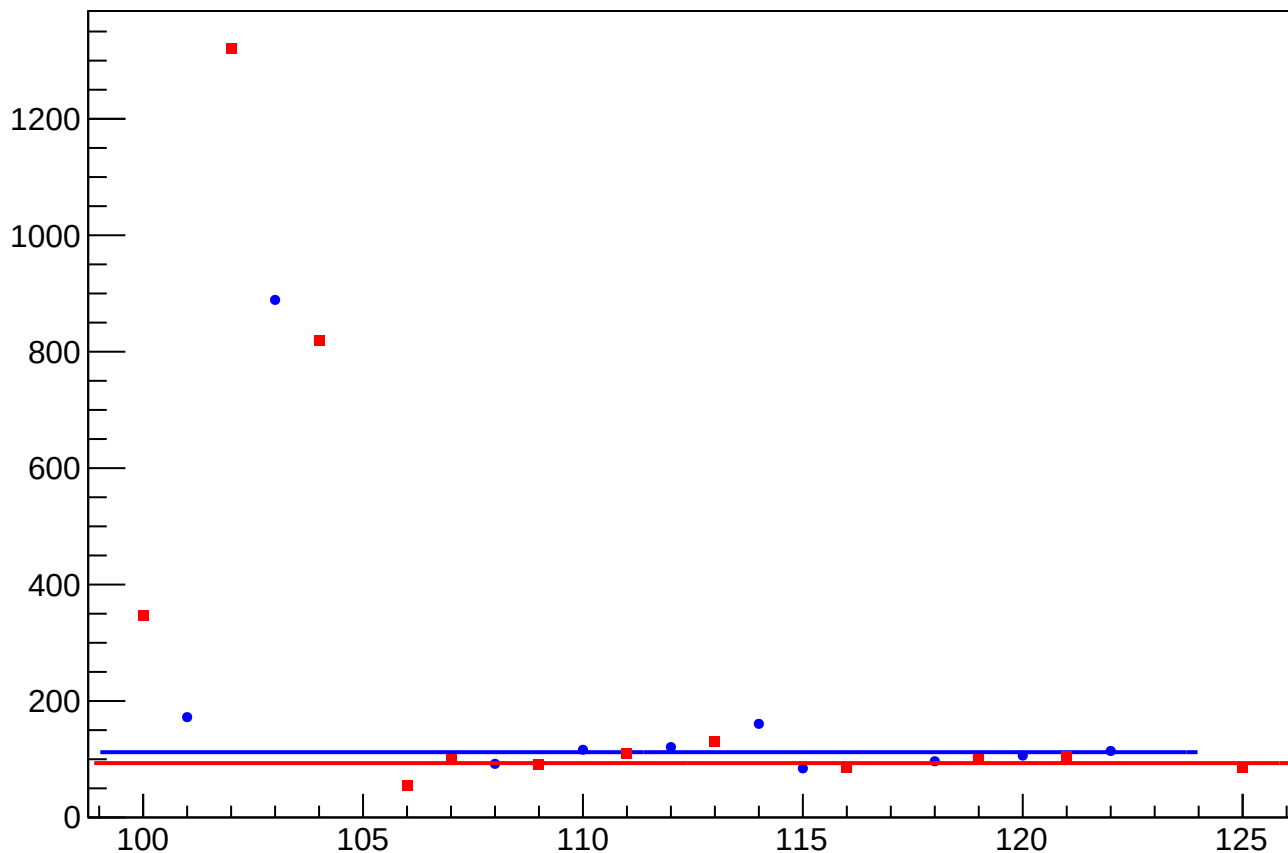
asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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: -0.022 $\pm$ 0.050 χ^2 /NDF: 21.9/11
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.016 $\pm$ 0.039 χ^2 /NDF: 27.6/21
 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: -0.016 $\pm$ 0.039 χ^2 /NDF: 27.6/21

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: 93.374+/-0.036 χ^2/NDF : 1898377.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

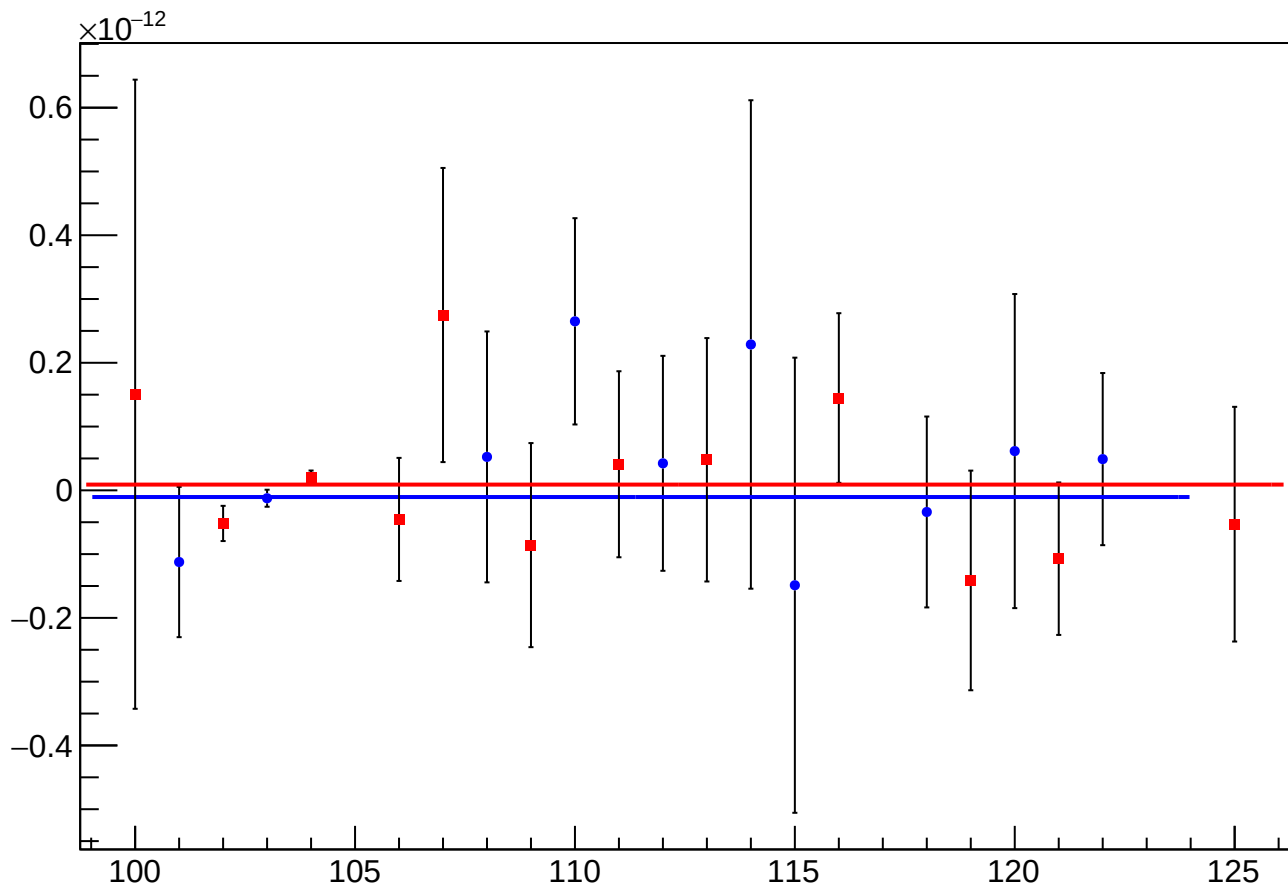
Right: 100.911+/-0.028 χ^2/NDF : 3194126.4/21

In: 112.103+/-0.043 χ^2/NDF : 1184867.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.911+/-0.028 χ^2/NDF : 3194126.4/21

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 : 10.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

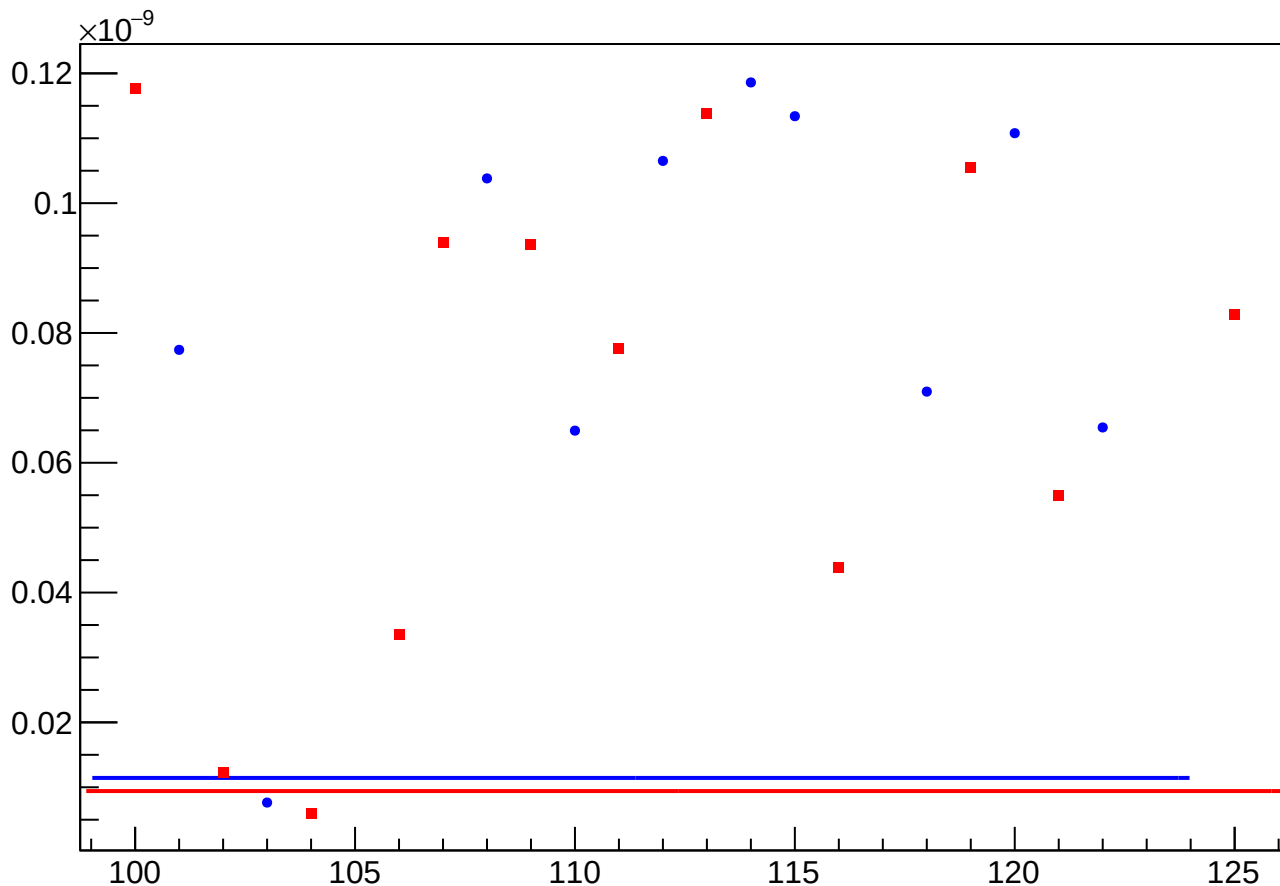
Right: 0.000+/-0.000 χ^2/NDF : 17.0/21

In: -0.000+/-0.000 χ^2/NDF : 4.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.0/21

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 : 3667960.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

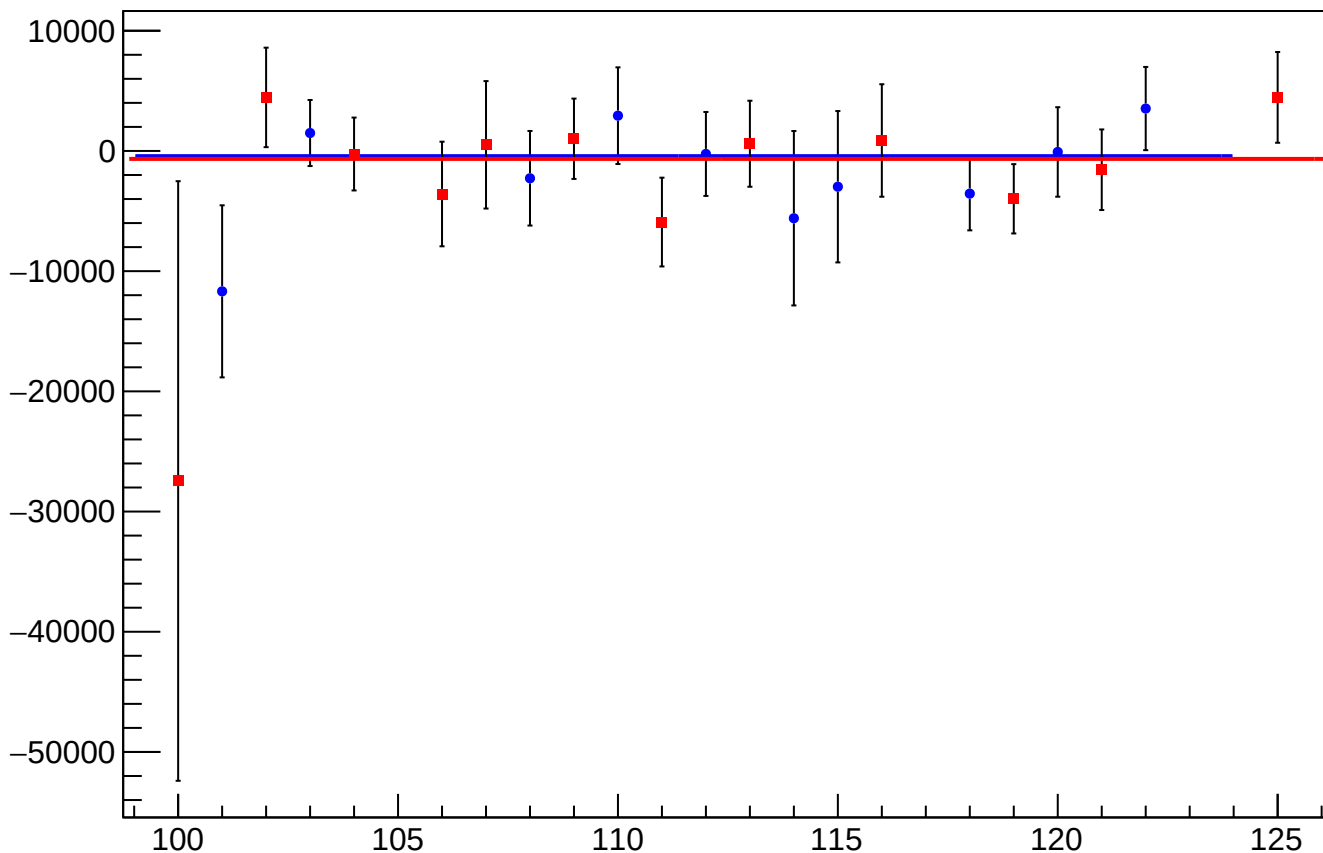
Right: 0.000+/-0.000 χ^2/NDF : 7065216.5/21

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 : 7065216.5/21

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: -660.736+/-1102.127 χ^2/NDF : 8.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

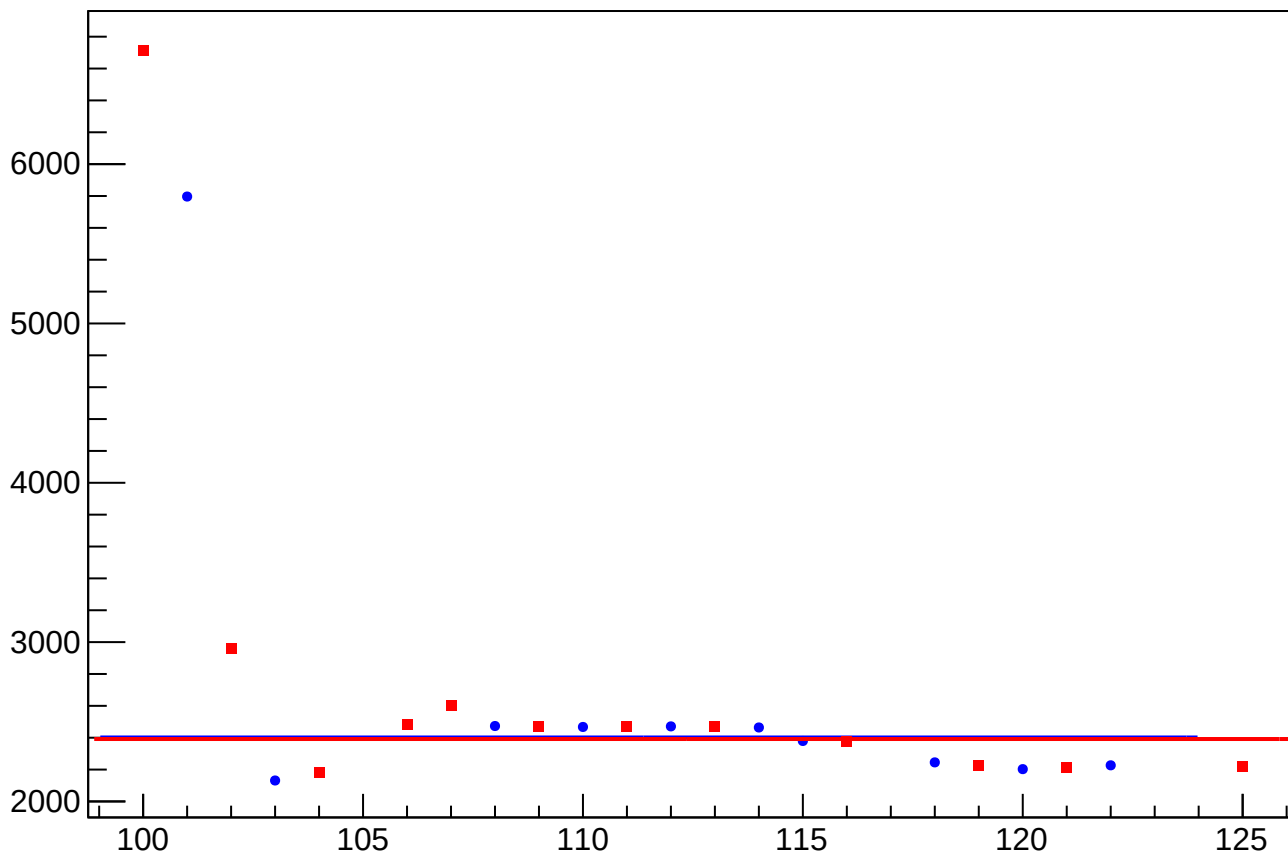
Right: -559.223+/-819.078 χ^2/NDF : 15.9/21

In: -433.985+/-1224.161 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -559.223+/-819.078 χ^2/NDF : 15.9/21

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: 2391.823+/-0.779 χ^2/NDF : 130552.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

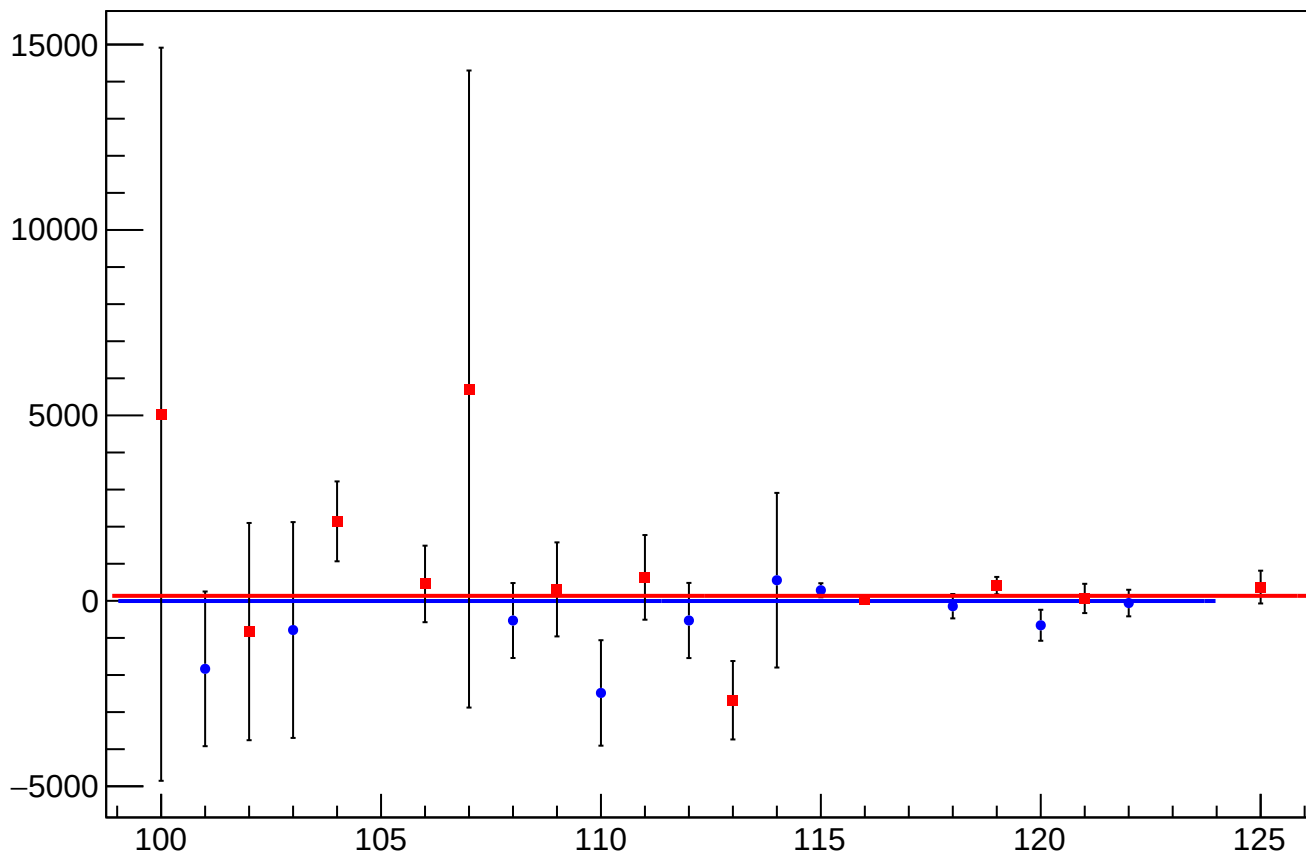
Right: 2396.100+/-0.579 χ^2/NDF : 618082.0/21

In: 2401.377+/-0.866 χ^2/NDF : 487462.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2396.100+/-0.579 χ^2/NDF : 618082.0/21

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: 134.790+/-101.252 χ^2/NDF : 13.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

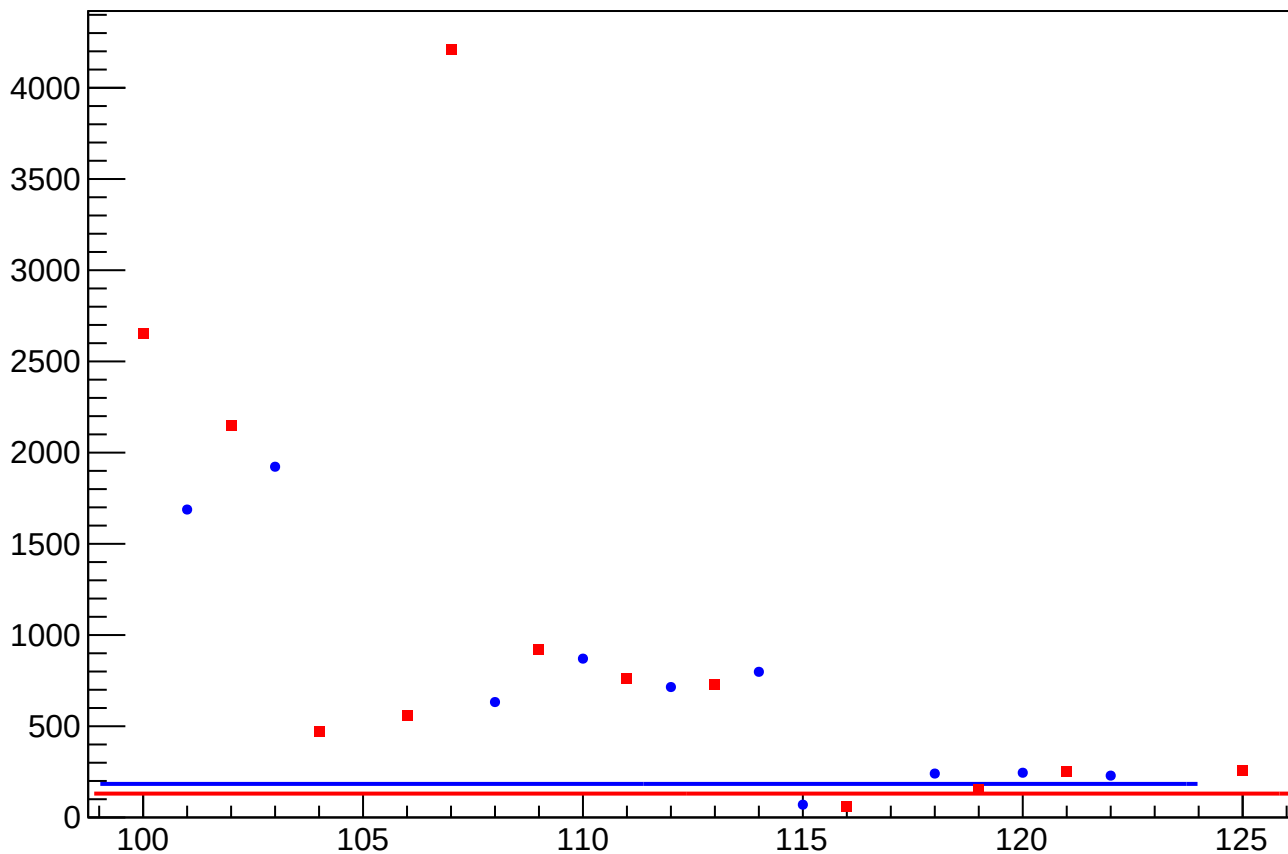
Right: 85.204+/-81.300 χ^2/NDF : 24.1/21

In: -4.777+/-136.396 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.204+/-81.300 χ^2/NDF : 24.1/21

asym_us_dd_at1lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 183.947 $\pm$ 0.096 χ^2 /NDF: 4161076.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 130.753 $\pm$ 0.072 χ^2 /NDF: 5088010.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

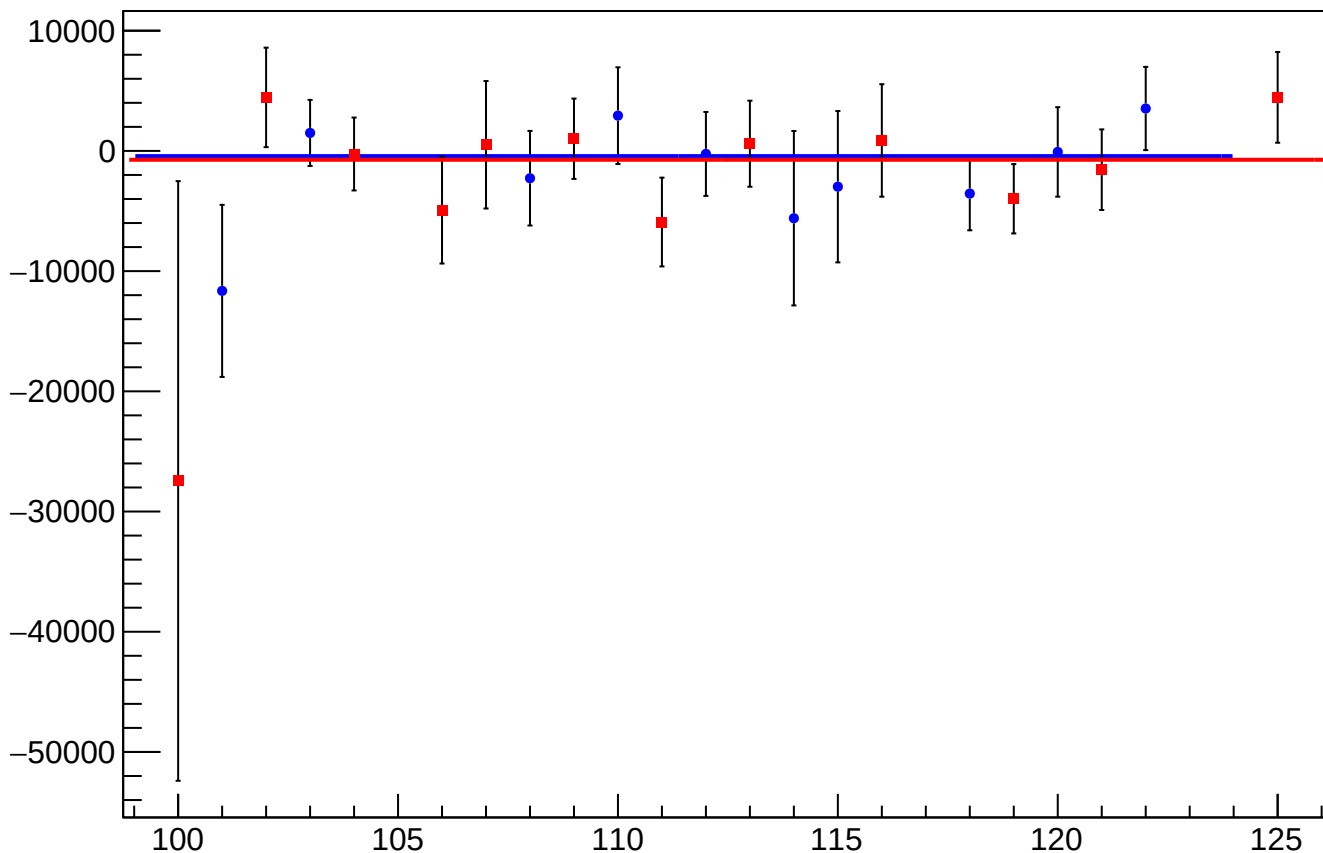
Right: 149.652 $\pm$ 0.057 χ^2 /NDF: 9445204.4/21

In: 183.947 $\pm$ 0.096 χ^2 /NDF:4161076.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 149.652 $\pm$ 0.057 χ^2 /NDF: 9445204.4/21

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: -736.656+/-1103.598 χ^2/NDF : 9.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

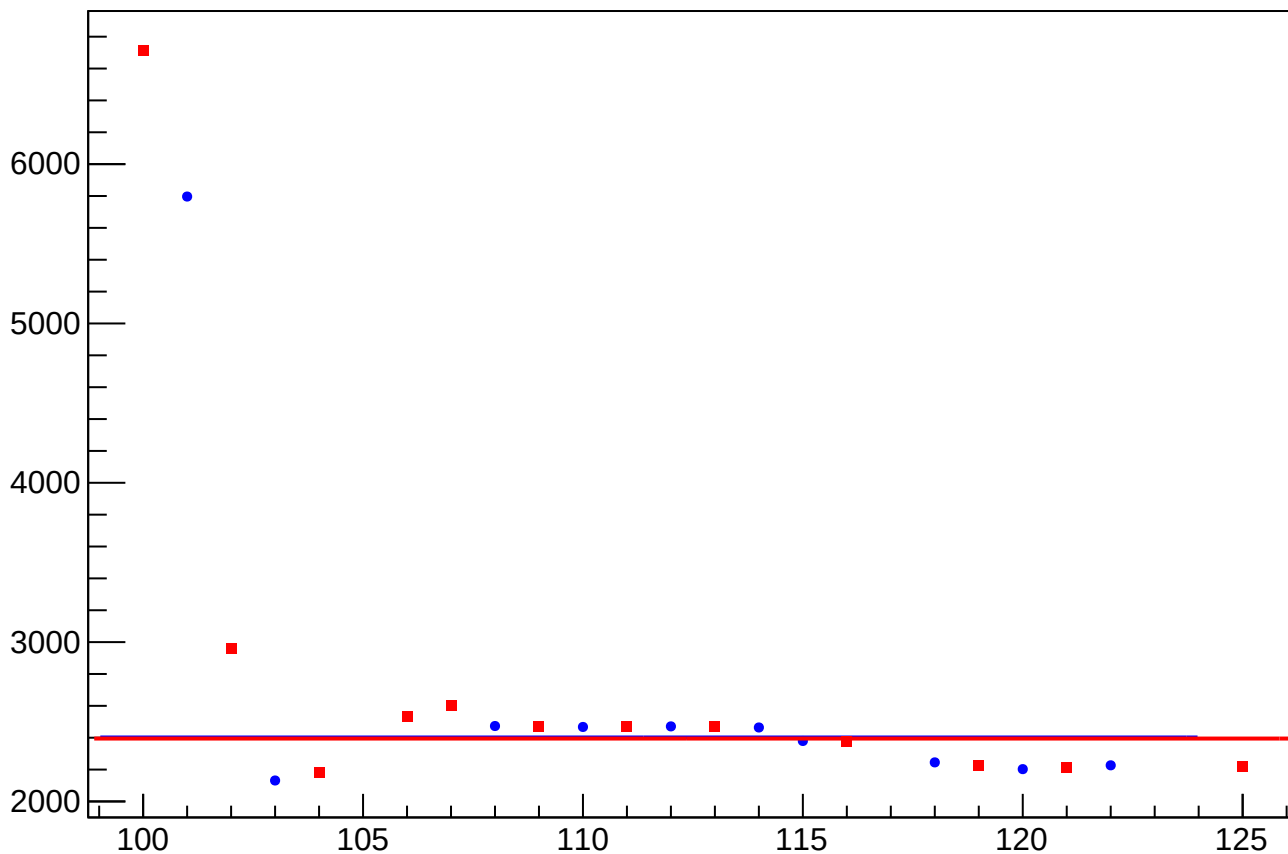
Right: -600.143+/-819.681 χ^2/NDF : 16.3/21

In: -432.172+/-1224.162 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -600.143+/-819.681 χ^2/NDF : 16.3/21

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: 2394.705+/-0.780 χ^2/NDF : 131707.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

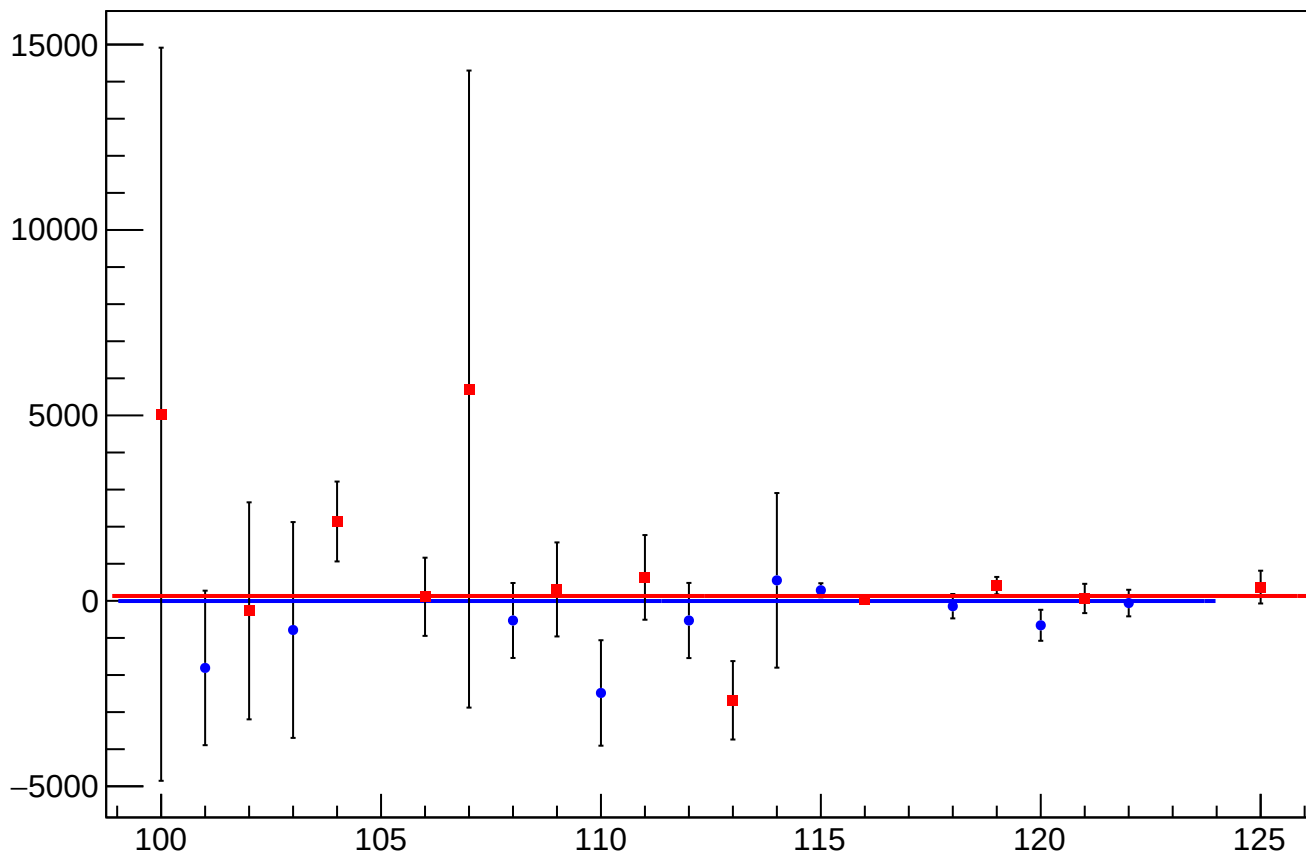
Right: 2397.696+/-0.580 χ^2/NDF : 619202.4/21

In: 2401.377+/-0.866 χ^2/NDF : 487462.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2397.696+/-0.580 χ^2/NDF : 619202.4/21

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: 131.359+/-101.134 χ^2 /NDF: 13.7/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

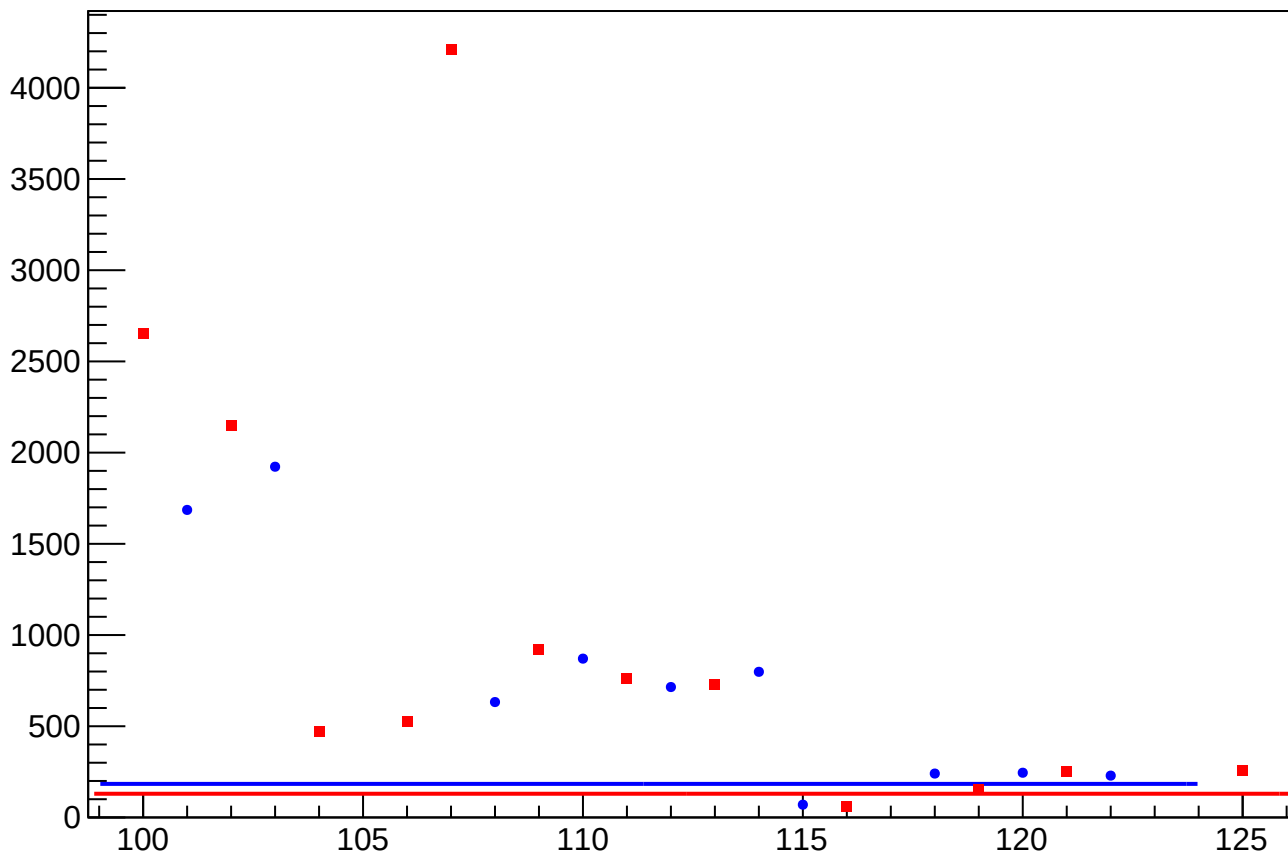
Right: 83.114+/-81.244 χ^2 /NDF: 23.8/21

In: -4.676+/-136.424 χ^2 /NDF:9.5/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 83.114+/-81.244 χ^2 /NDF: 23.8/21

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: 129.964+/-0.072 χ^2/NDF : 5034769.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

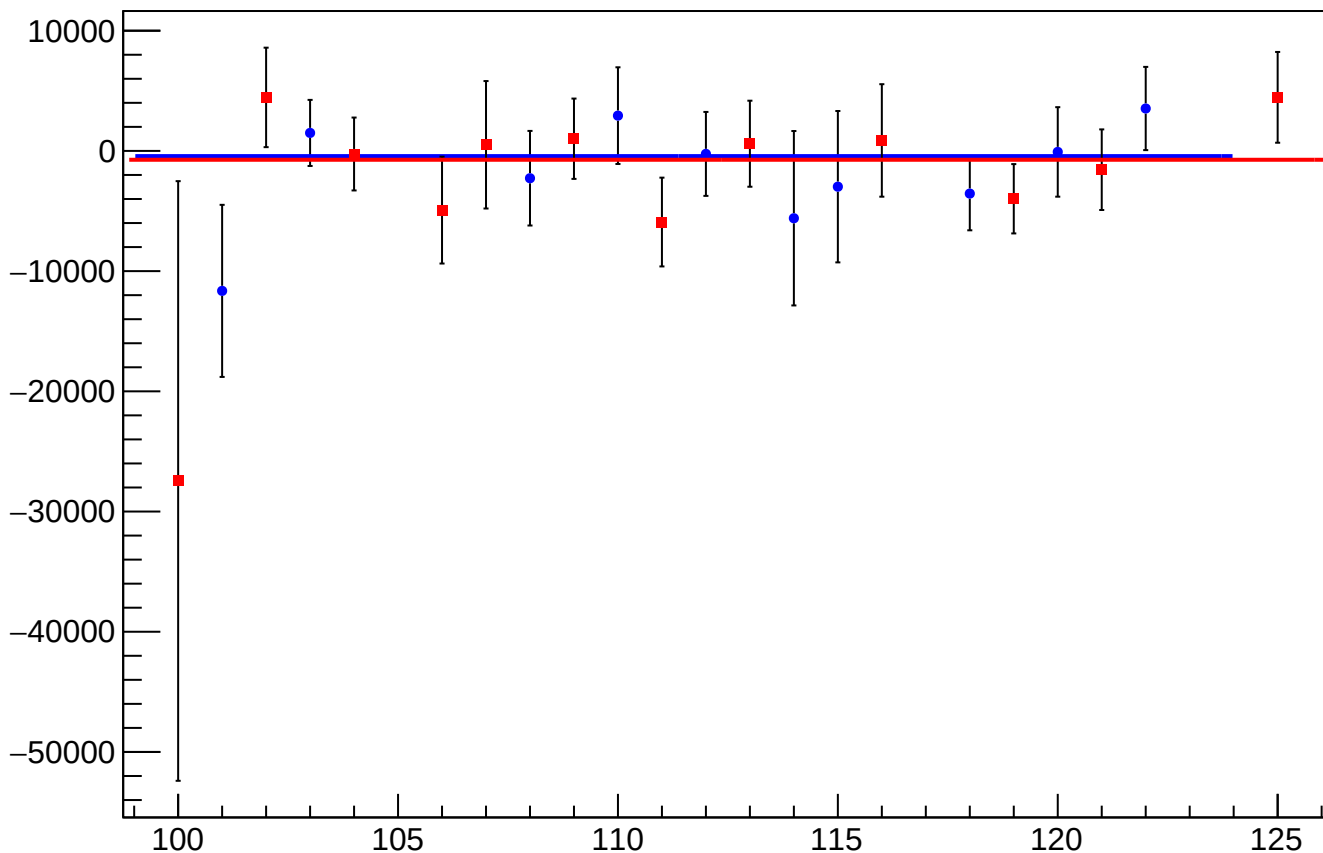
Right: 149.134+/-0.057 χ^2/NDF : 9397236.1/21

In: 184.017+/-0.096 χ^2/NDF : 4159848.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.134+/-0.057 χ^2/NDF : 9397236.1/21

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: -736.656+/-1103.598 χ^2/NDF : 9.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

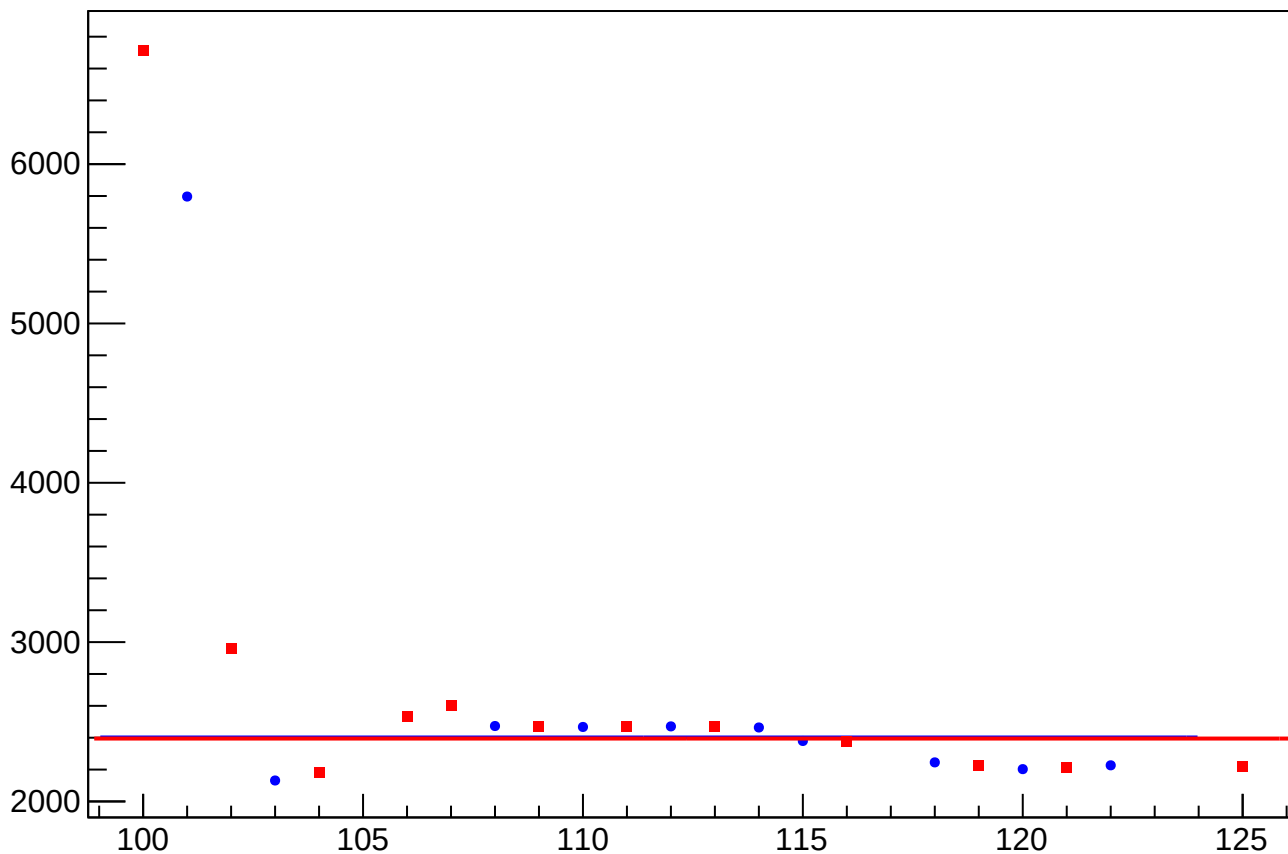
Right: -600.143+/-819.681 χ^2/NDF : 16.3/21

In: -432.172+/-1224.162 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -600.143+/-819.681 χ^2/NDF : 16.3/21

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: 2394.705+/-0.780 χ^2/NDF : 131707.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

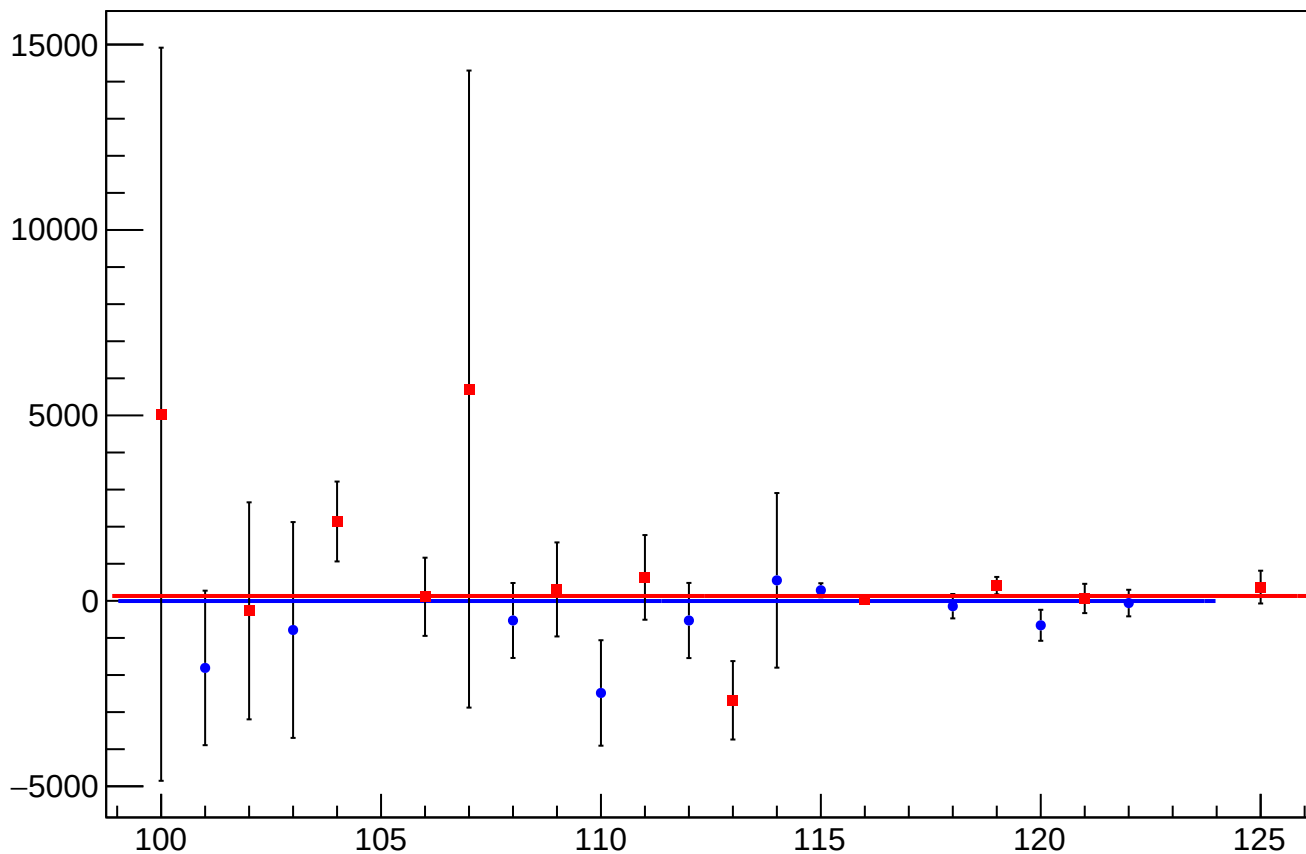
Right: 2397.696+/-0.580 χ^2/NDF : 619202.4/21

In: 2401.377+/-0.866 χ^2/NDF : 487462.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2397.696+/-0.580 χ^2/NDF : 619202.4/21

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: 131.359+/-101.134 χ^2/NDF : 13.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

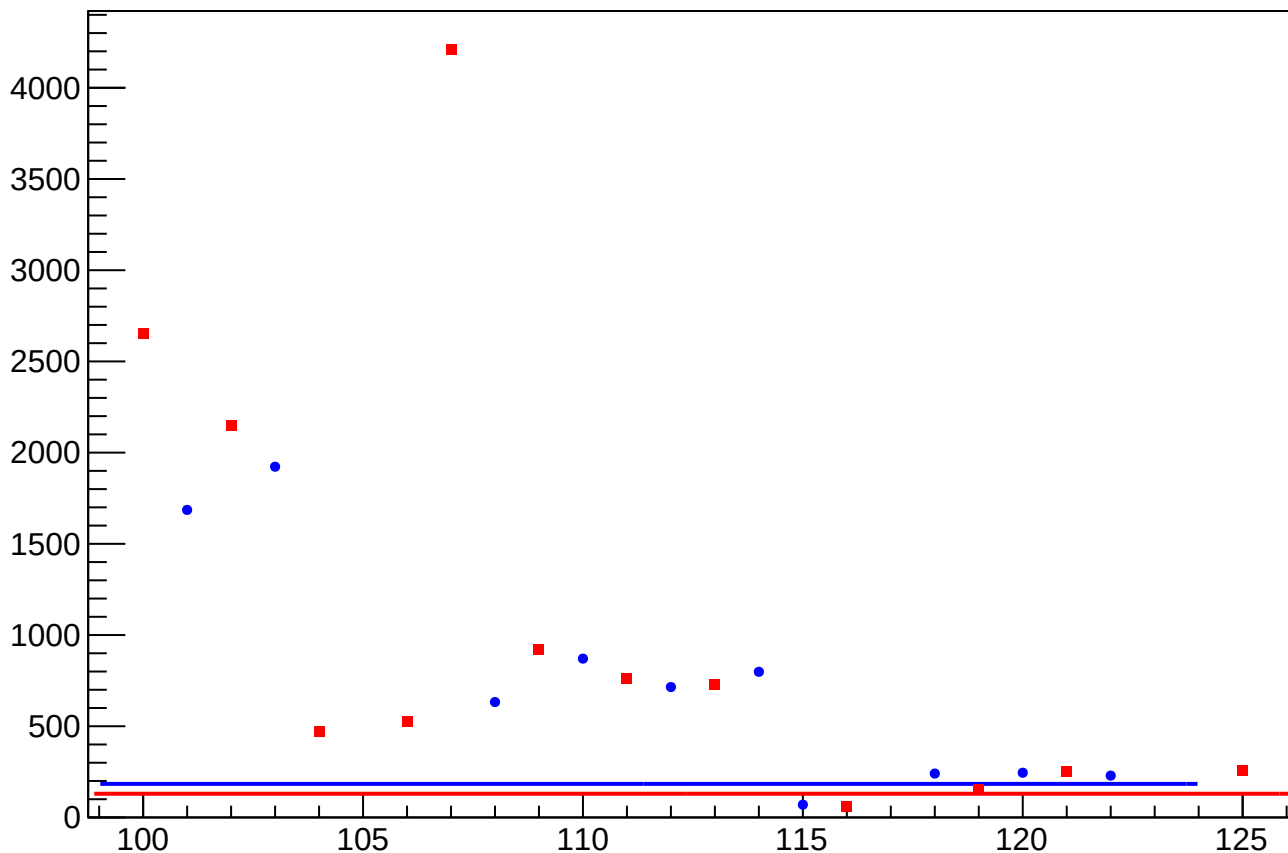
Right: 83.114+/-81.244 χ^2/NDF : 23.8/21

In: -4.676+/-136.424 χ^2/NDF :9.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 83.114+/-81.244 χ^2/NDF : 23.8/21

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: 129.964+/-0.072 χ^2/NDF : 5034769.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

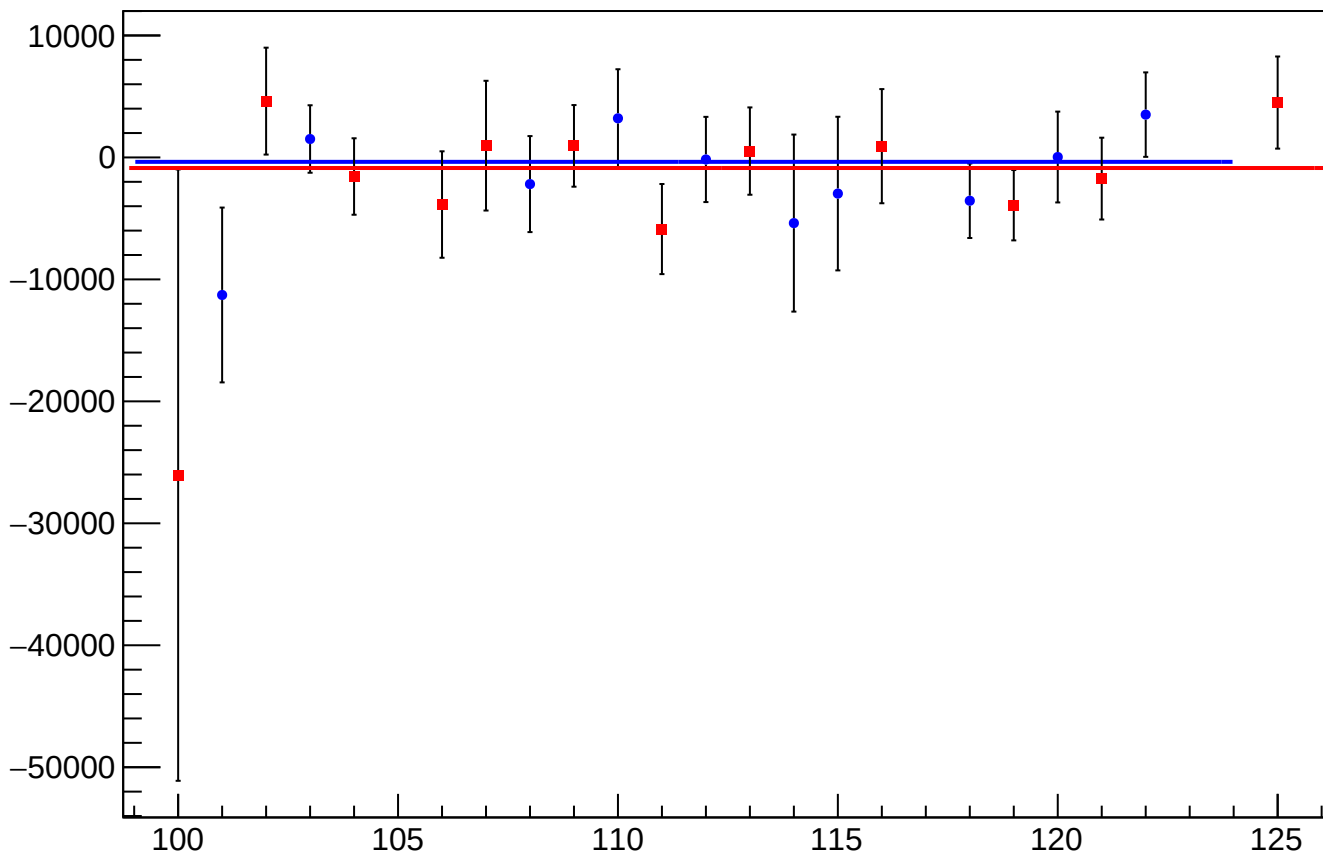
Right: 149.134+/-0.057 χ^2/NDF : 9397236.1/21

In: 184.017+/-0.096 χ^2/NDF :4159848.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 149.134+/-0.057 χ^2/NDF : 9397236.1/21

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: -867.767+/-1112.033 χ^2/NDF : 8.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

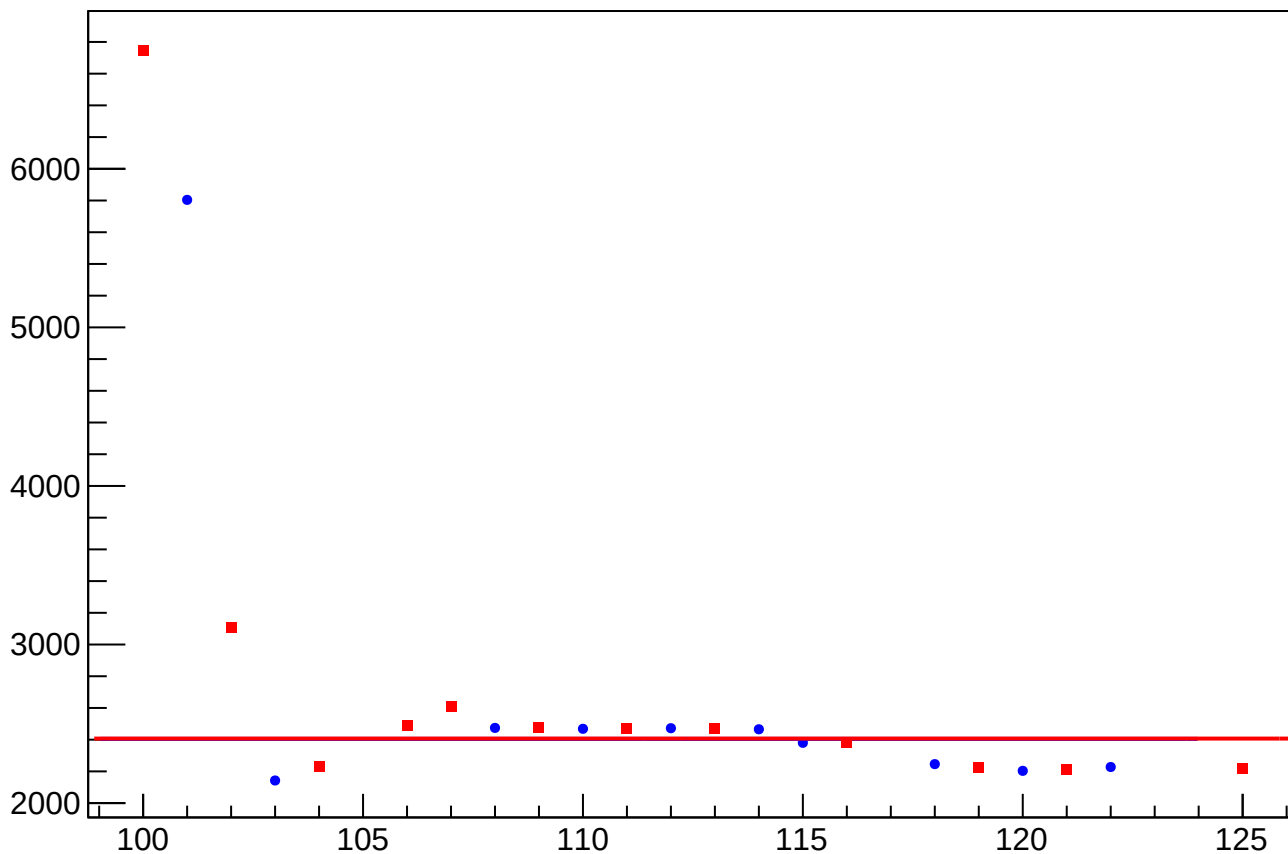
Right: -639.544+/-823.725 χ^2/NDF : 15.7/21

In: -362.073+/-1226.159 χ^2/NDF : 6.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -639.544+/-823.725 χ^2/NDF : 15.7/21

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: 2406.869+/-0.786 χ^2/NDF : 142894.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

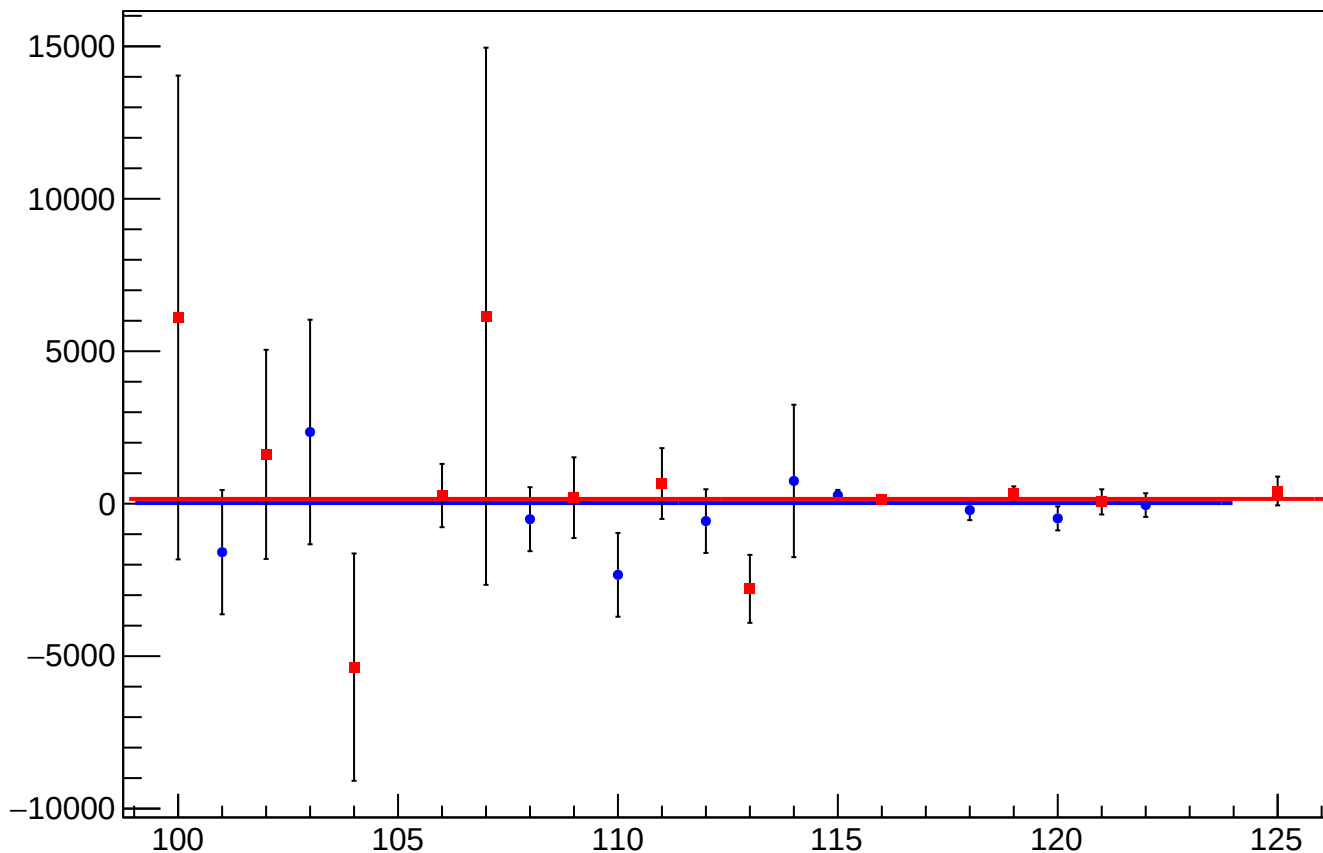
Right: 2405.993+/-0.582 χ^2/NDF : 629307.7/21

In: 2404.927+/-0.867 χ^2/NDF : 486410.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2405.993+/-0.582 χ^2/NDF : 629307.7/21

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: 156.648+/-105.278 χ^2/NDF : 11.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

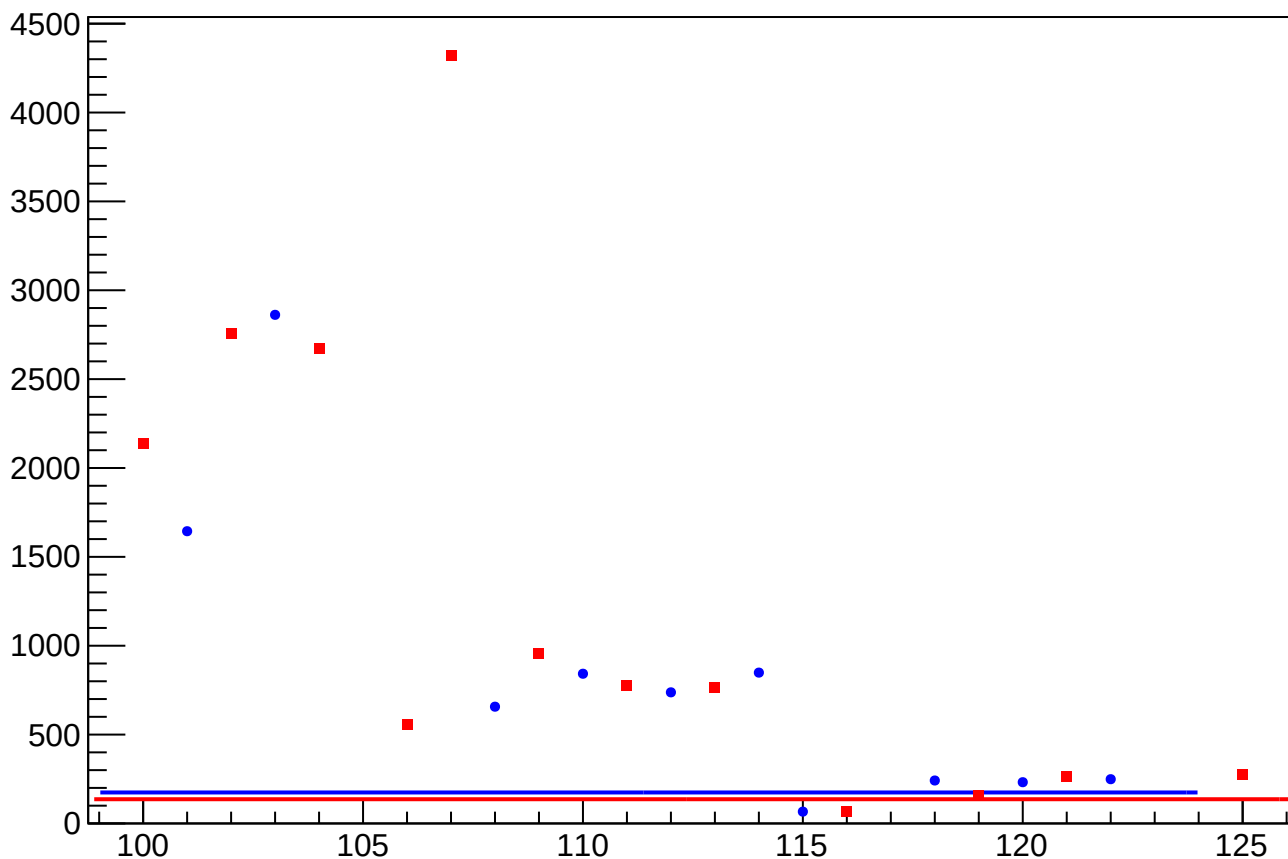
Right: 103.988+/-82.362 χ^2/NDF : 21.1/21

In: 20.910+/-132.232 χ^2/NDF : 8.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.988+/-82.362 χ^2/NDF : 21.1/21

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: 136.320+/-0.074 χ^2/NDF : 5971613.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

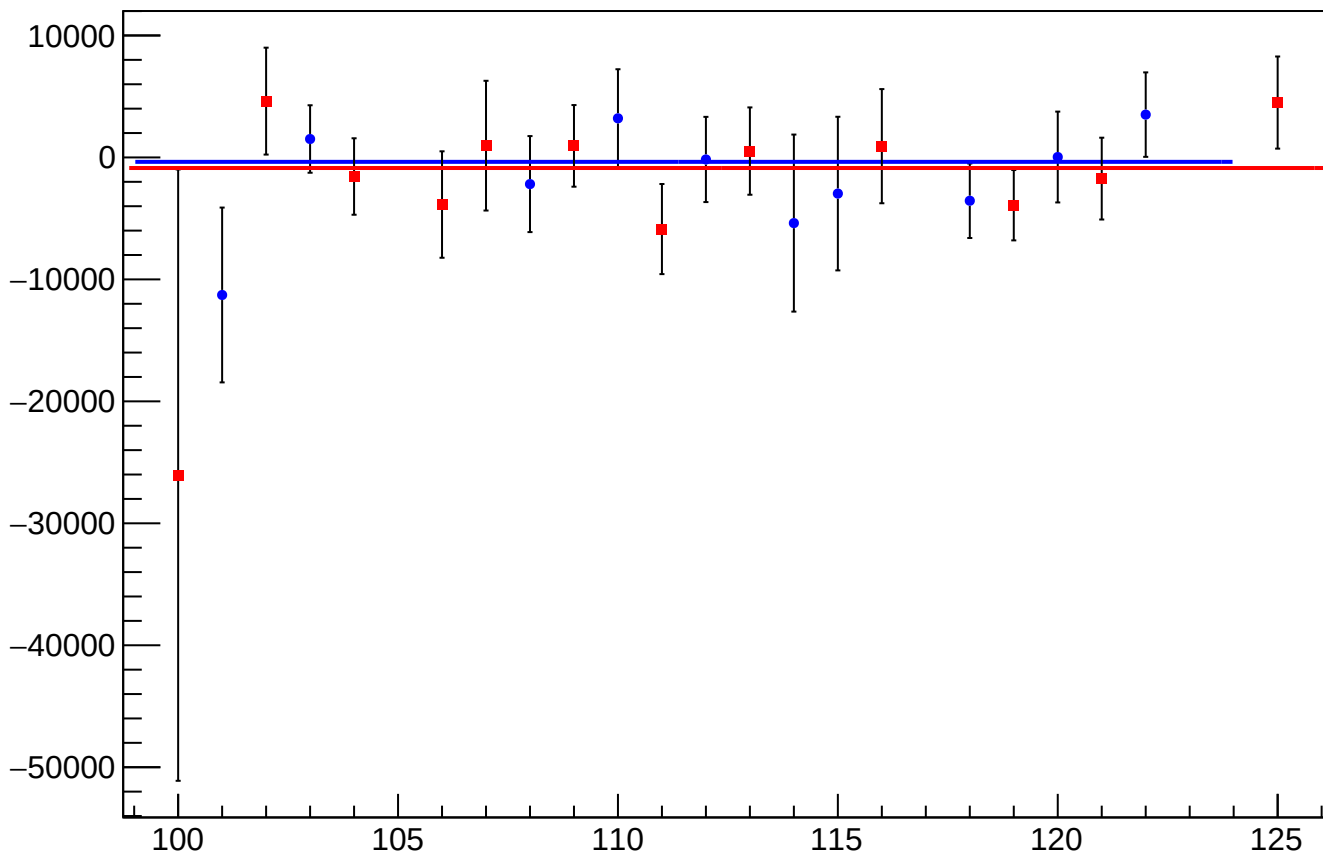
Right: 151.080+/-0.058 χ^2/NDF : 10749438.0/21

In: 174.367+/-0.094 χ^2/NDF :4676484.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 151.080+/-0.058 χ^2/NDF : 10749438.0/21

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: -867.771+/-1112.032 χ^2/NDF : 8.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

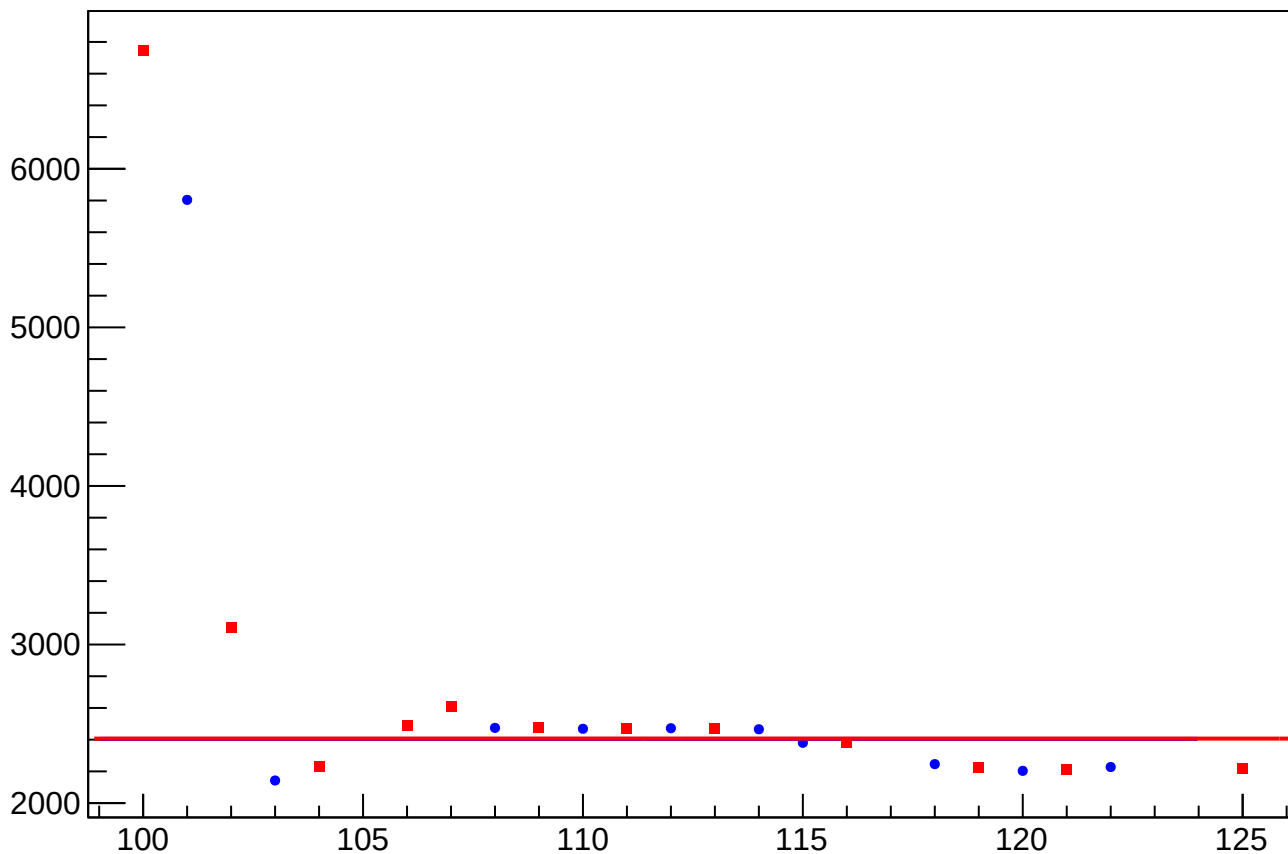
Right: -639.547+/-823.725 χ^2/NDF : 15.7/21

In: -362.074+/-1226.159 χ^2/NDF : 6.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -639.547+/-823.725 χ^2/NDF : 15.7/21

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: 2406.869+/-0.786 χ^2/NDF : 142894.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

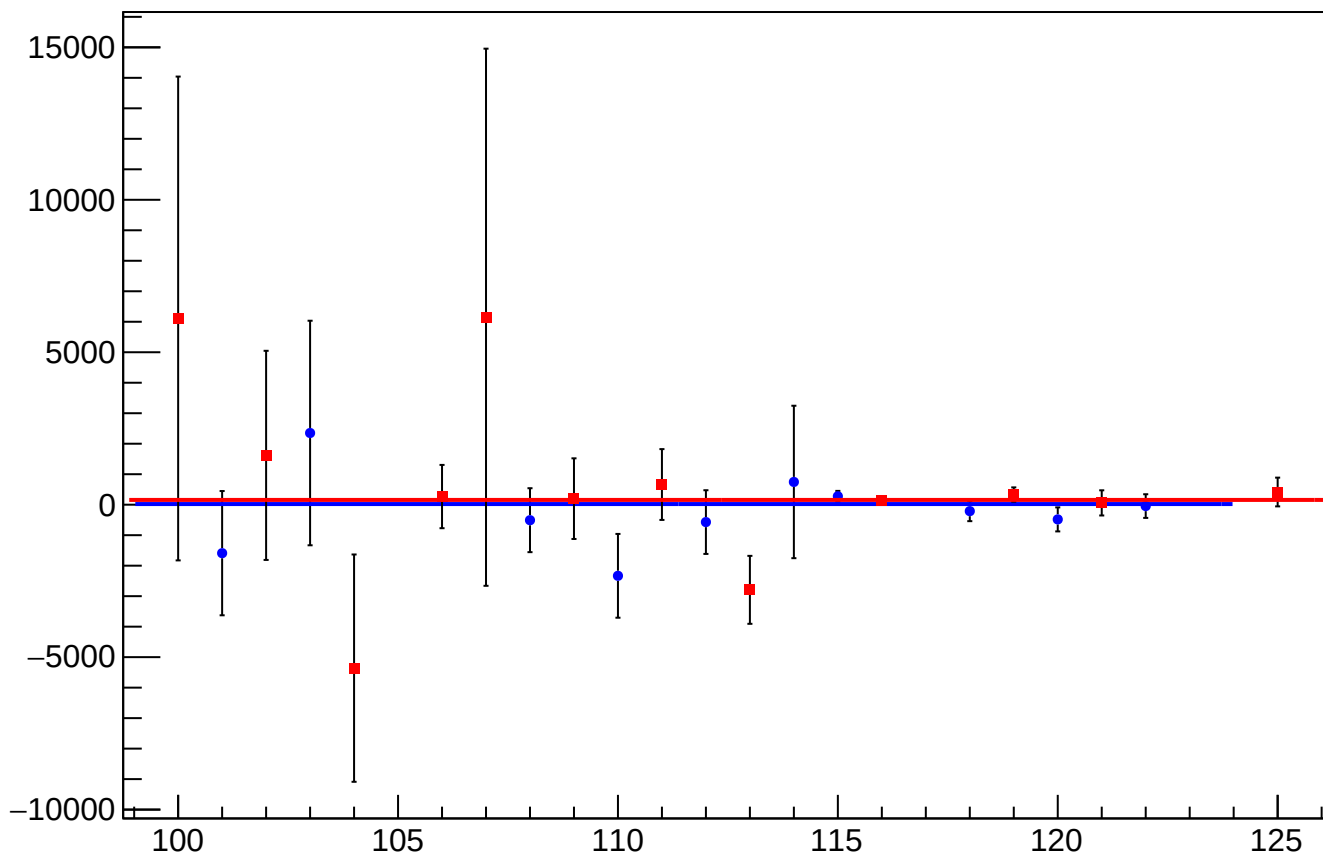
Right: 2405.993+/-0.582 χ^2/NDF : 629307.6/21

In: 2404.927+/-0.867 χ^2/NDF : 486410.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2405.993+/-0.582 χ^2/NDF : 629307.6/21

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: 156.647+/-105.276 χ^2/NDF : 11.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

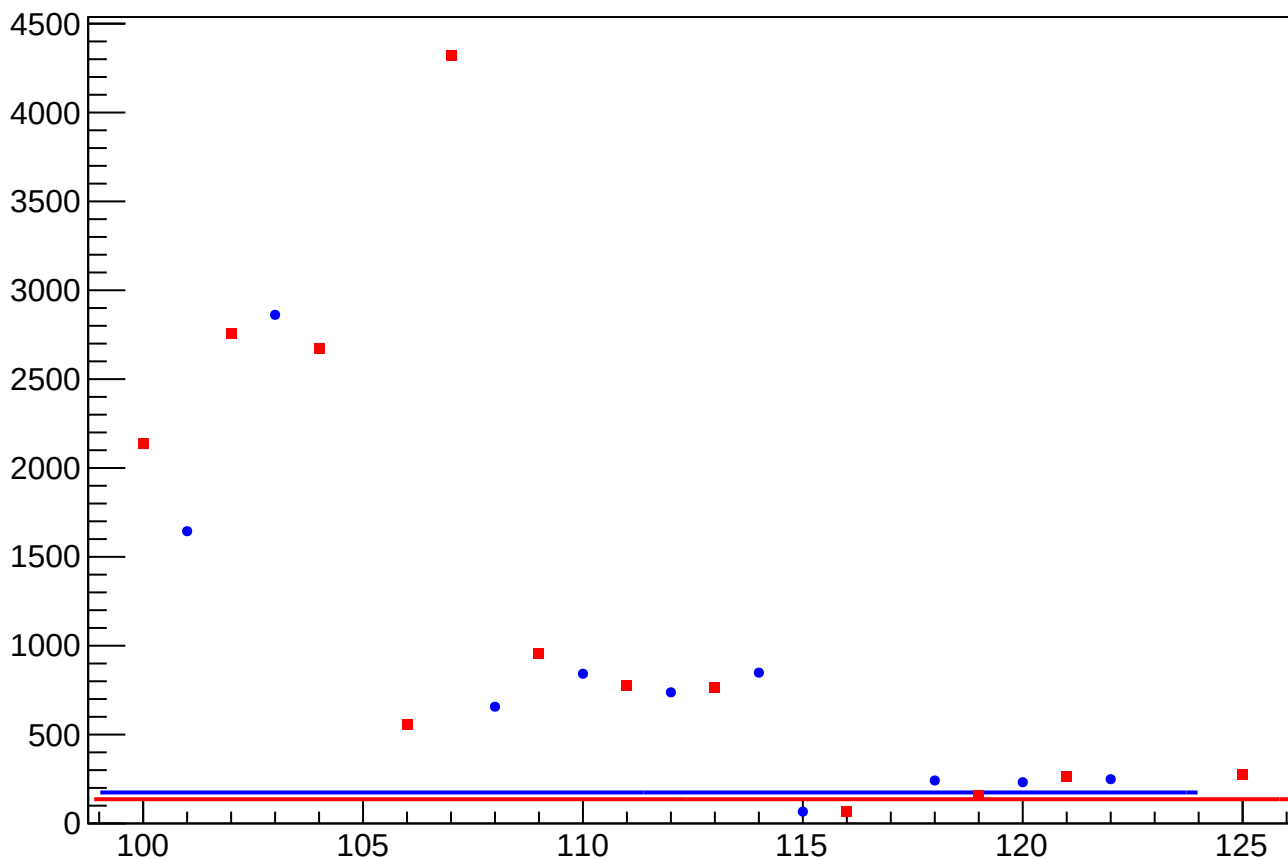
Right: 103.987+/-82.361 χ^2/NDF : 21.1/21

In: 20.910+/-132.230 χ^2/NDF : 8.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.987+/-82.361 χ^2/NDF : 21.1/21

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: 136.317+/-0.074 χ^2/NDF : 5971657.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

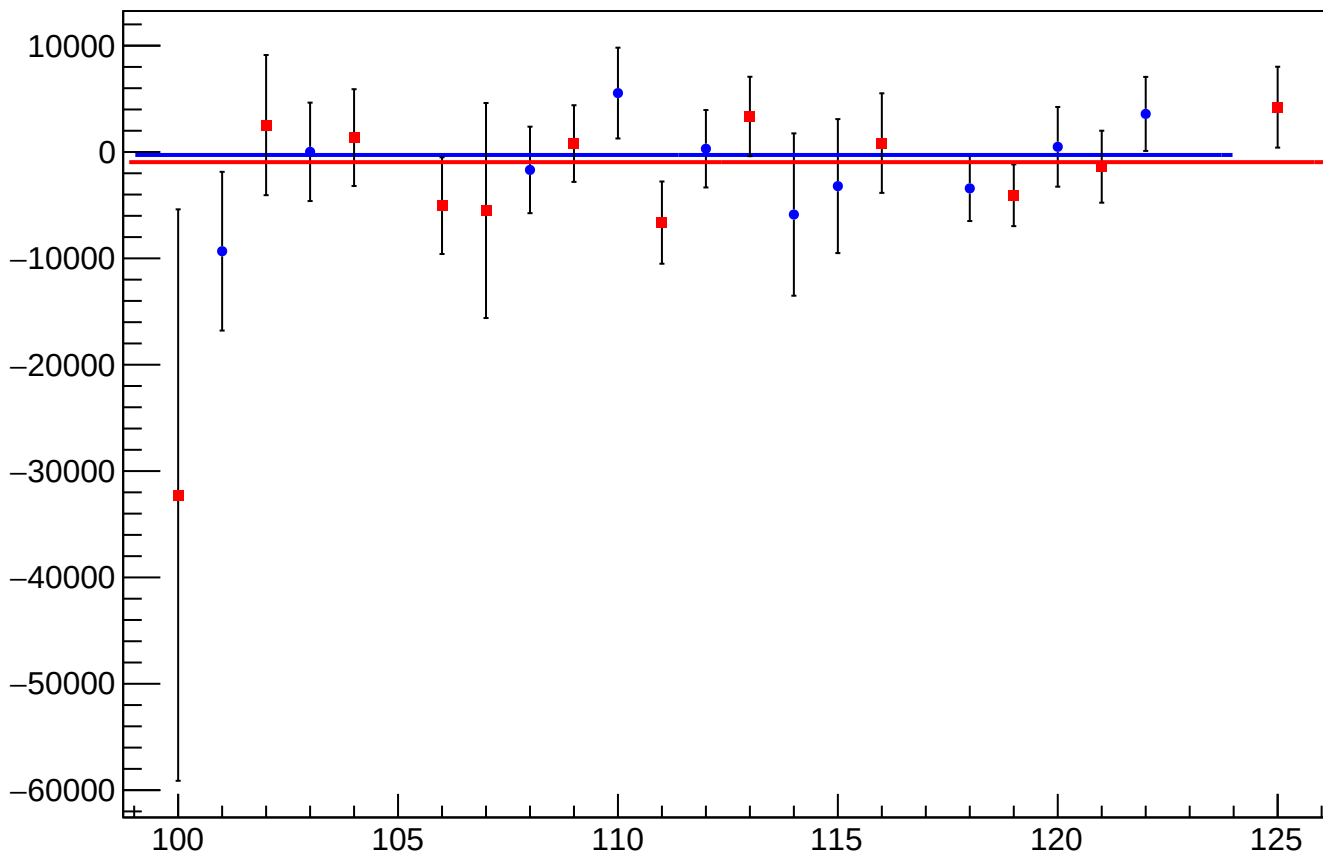
Right: 151.077+/-0.058 χ^2/NDF : 10749524.9/21

In: 174.363+/-0.094 χ^2/NDF :4676531.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 151.077+/-0.058 χ^2/NDF : 10749524.9/21

asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -276.937 $\pm$ 1339.315 χ^2 /NDF: 6.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -952.294 $\pm$ 1224.120 χ^2 /NDF: 9.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

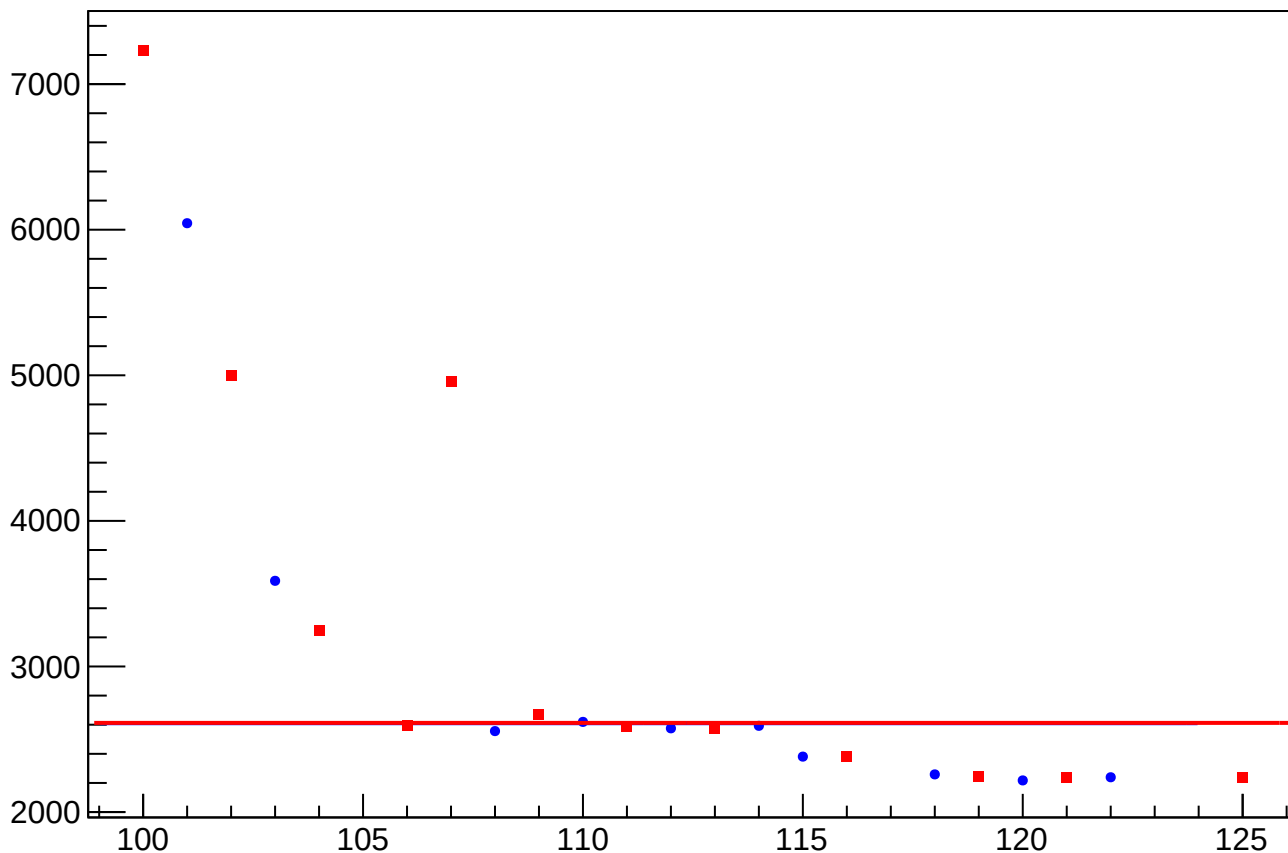
Right: -644.904 $\pm$ 903.569 χ^2 /NDF: 16.5/21

In: -276.937 $\pm$ 1339.315 χ^2 /NDF: 6.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -644.904 $\pm$ 903.569 χ^2 /NDF: 16.5/21

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: 2612.505+/-0.866 χ^2/NDF : 551177.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

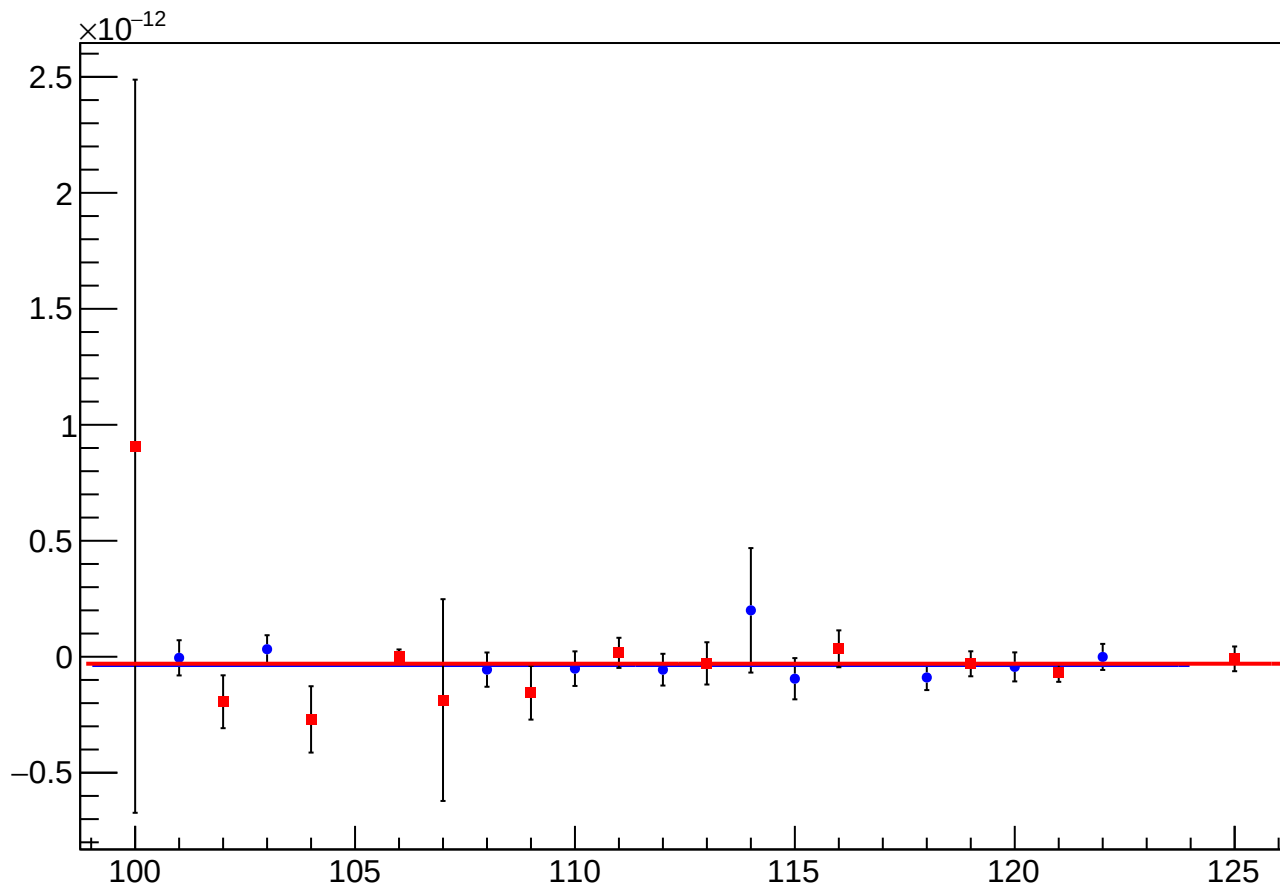
Right: 2611.525+/-0.639 χ^2/NDF : 1138234.9/21

In: 2610.351+/-0.947 χ^2/NDF : 587055.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2611.525+/-0.639 χ^2/NDF : 1138234.9/21

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 : 9.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

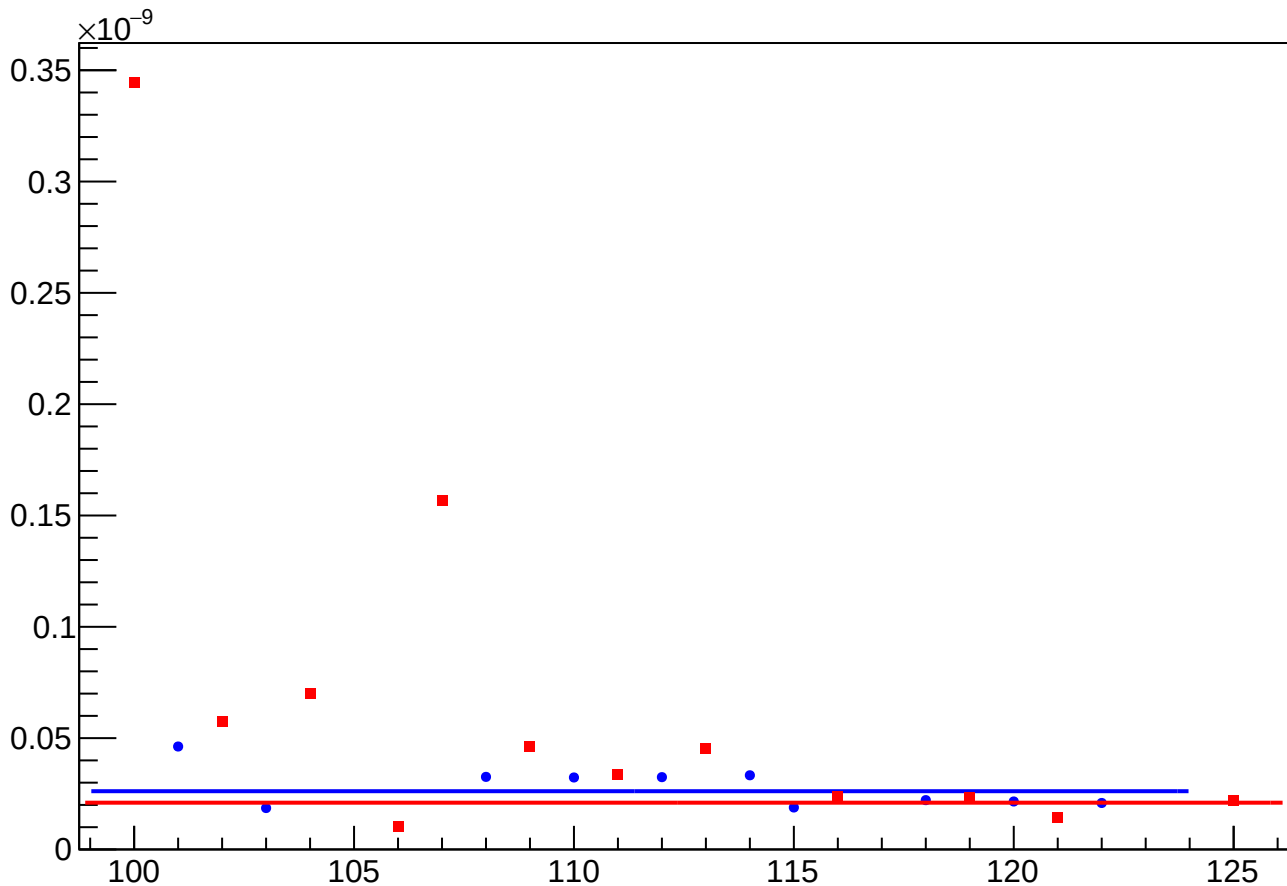
Right: -0.000+/-0.000 χ^2/NDF : 14.1/21

In: -0.000+/-0.000 χ^2/NDF : 4.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.1/21

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 : 1327854.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

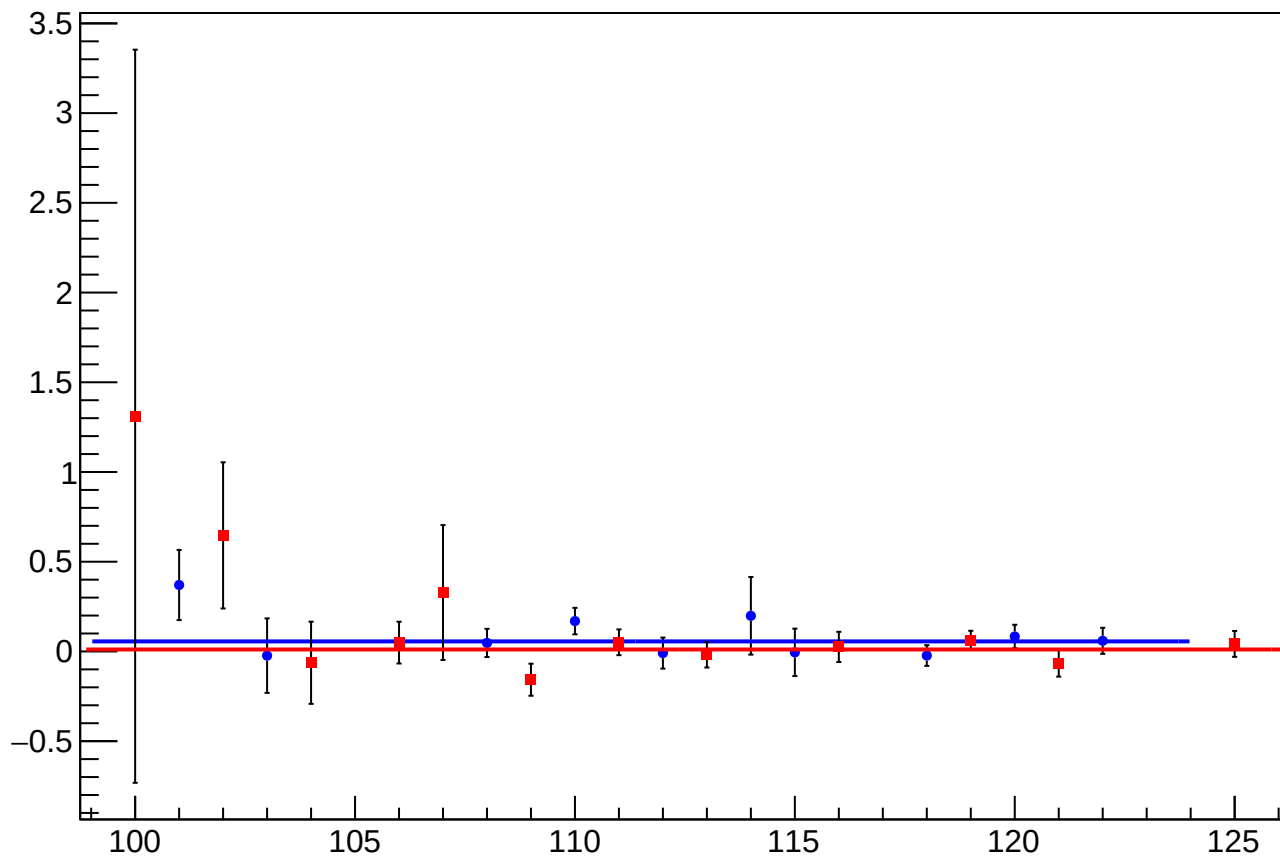
Right: 0.000+/-0.000 χ^2/NDF : 1665682.5/21

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 : 1665682.5/21

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: 0.011+/-0.026 χ^2/NDF : 10.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

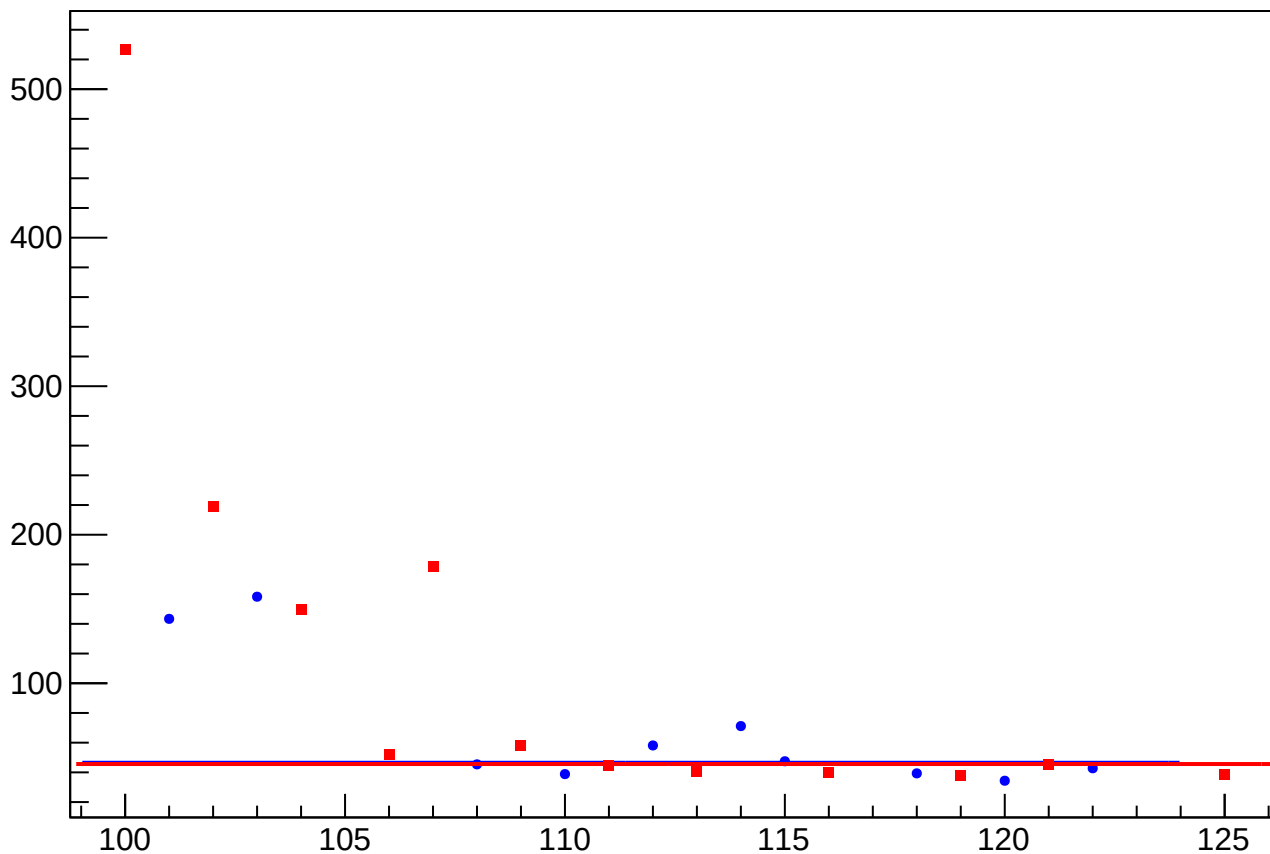
Right: 0.032+/-0.019 χ^2/NDF : 19.8/21

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 : 19.8/21

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: 45.615+/-0.018 χ^2/NDF : 1261589.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

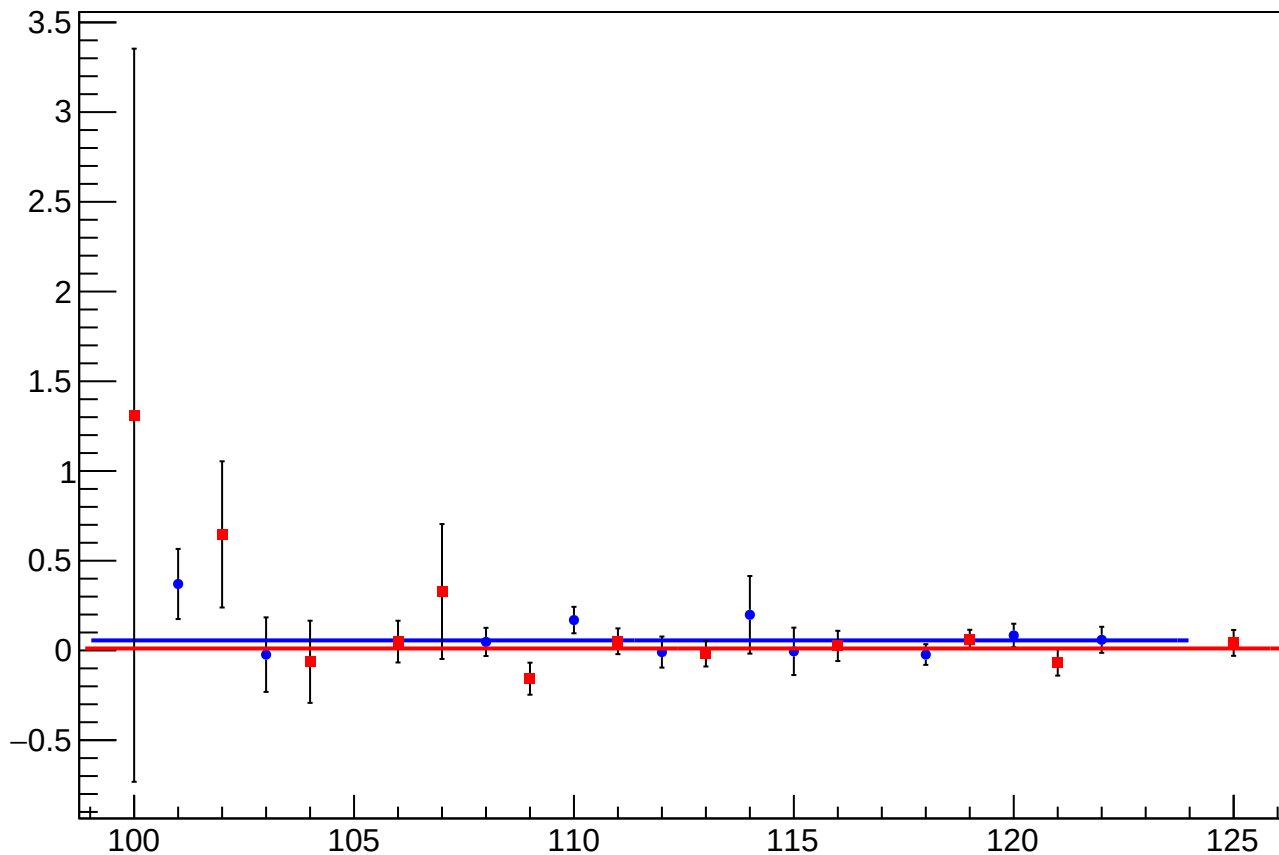
Right: 46.016+/-0.013 χ^2/NDF : 2523017.2/21

In: 46.465+/-0.019 χ^2/NDF :1260412.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 46.016+/-0.013 χ^2/NDF : 2523017.2/21

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: 0.011+/-0.026 χ^2/NDF : 10.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

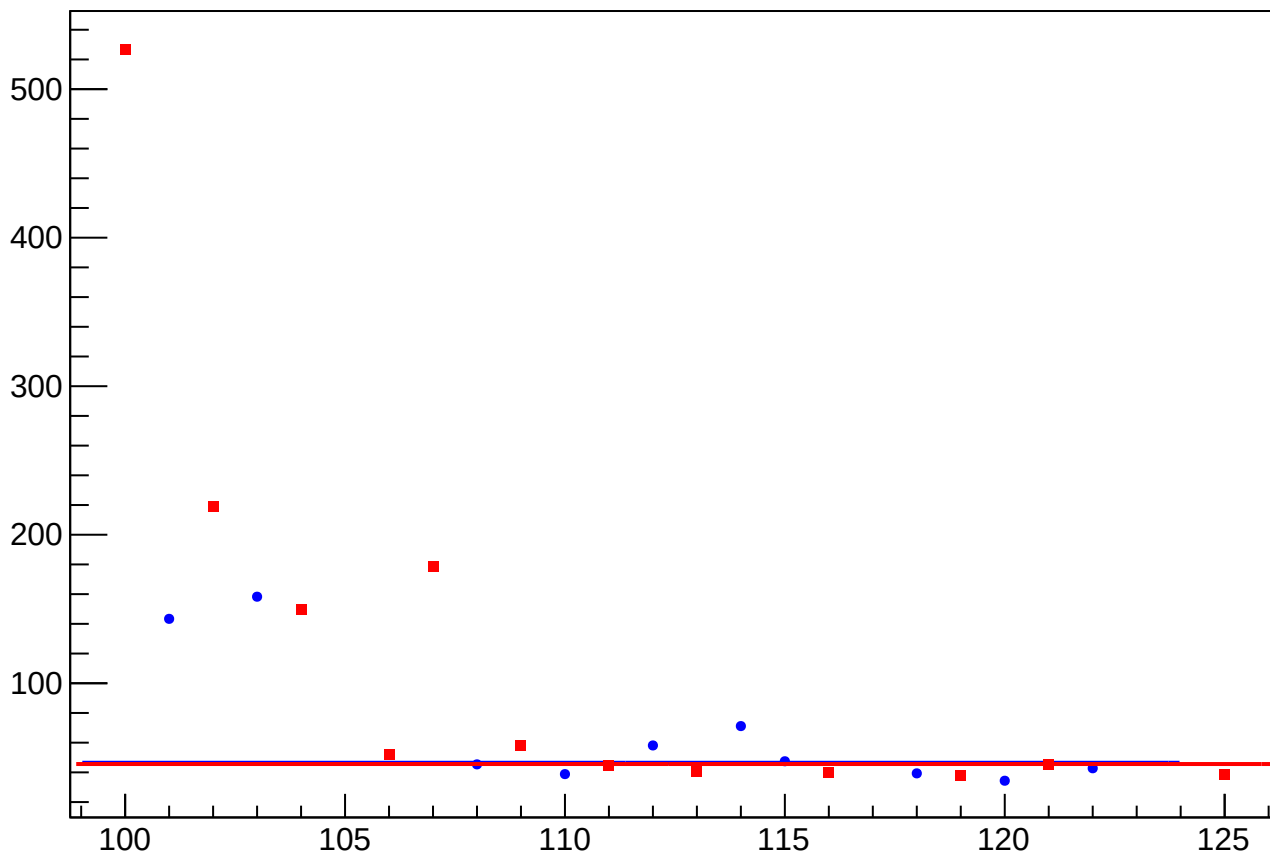
Right: 0.032+/-0.019 χ^2/NDF : 19.8/21

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 : 19.8/21

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: 45.615+/-0.018 χ^2/NDF : 1261589.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

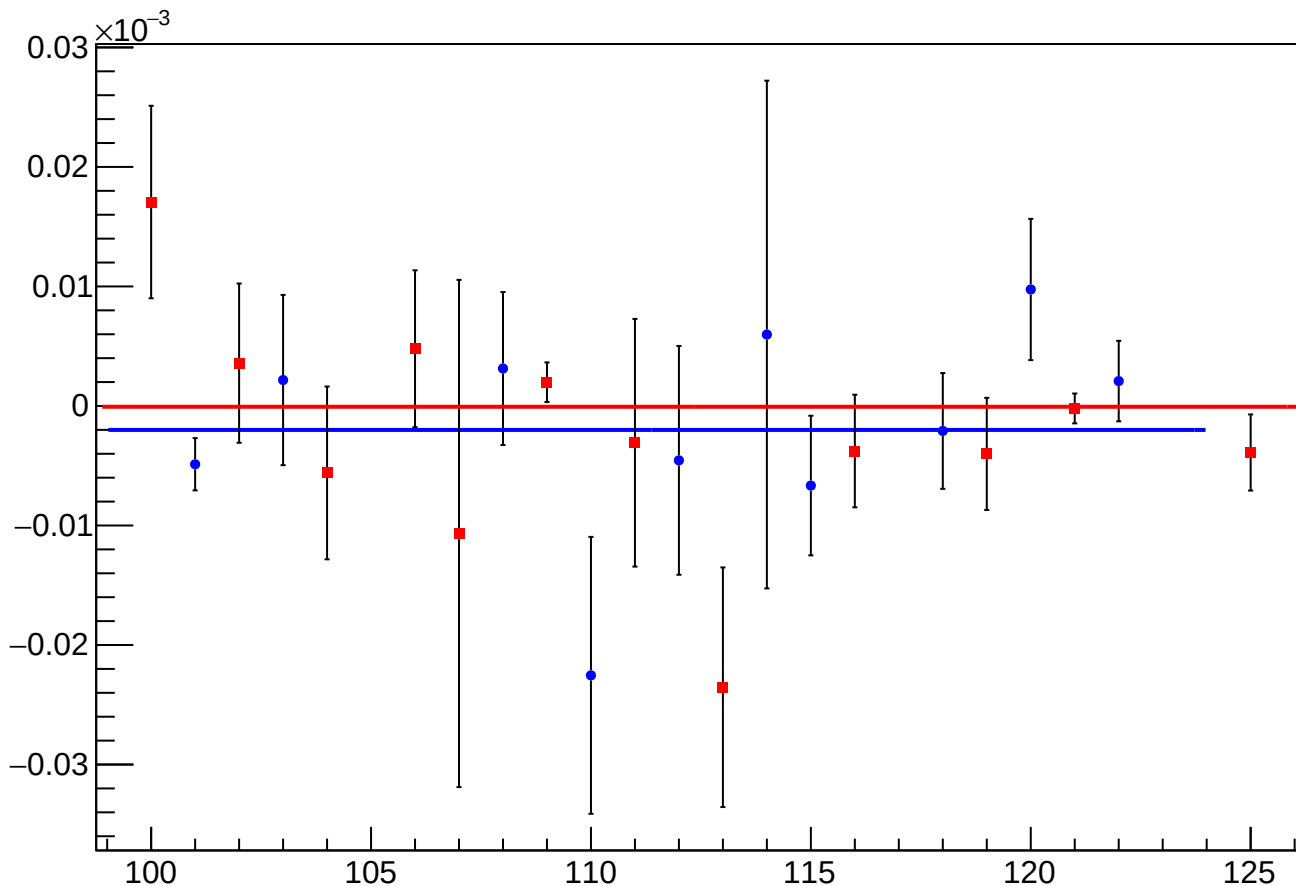
Right: 46.016+/-0.013 χ^2/NDF : 2523017.2/21

In: 46.465+/-0.019 χ^2/NDF : 1260412.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.016+/-0.013 χ^2/NDF : 2523017.2/21

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 16.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

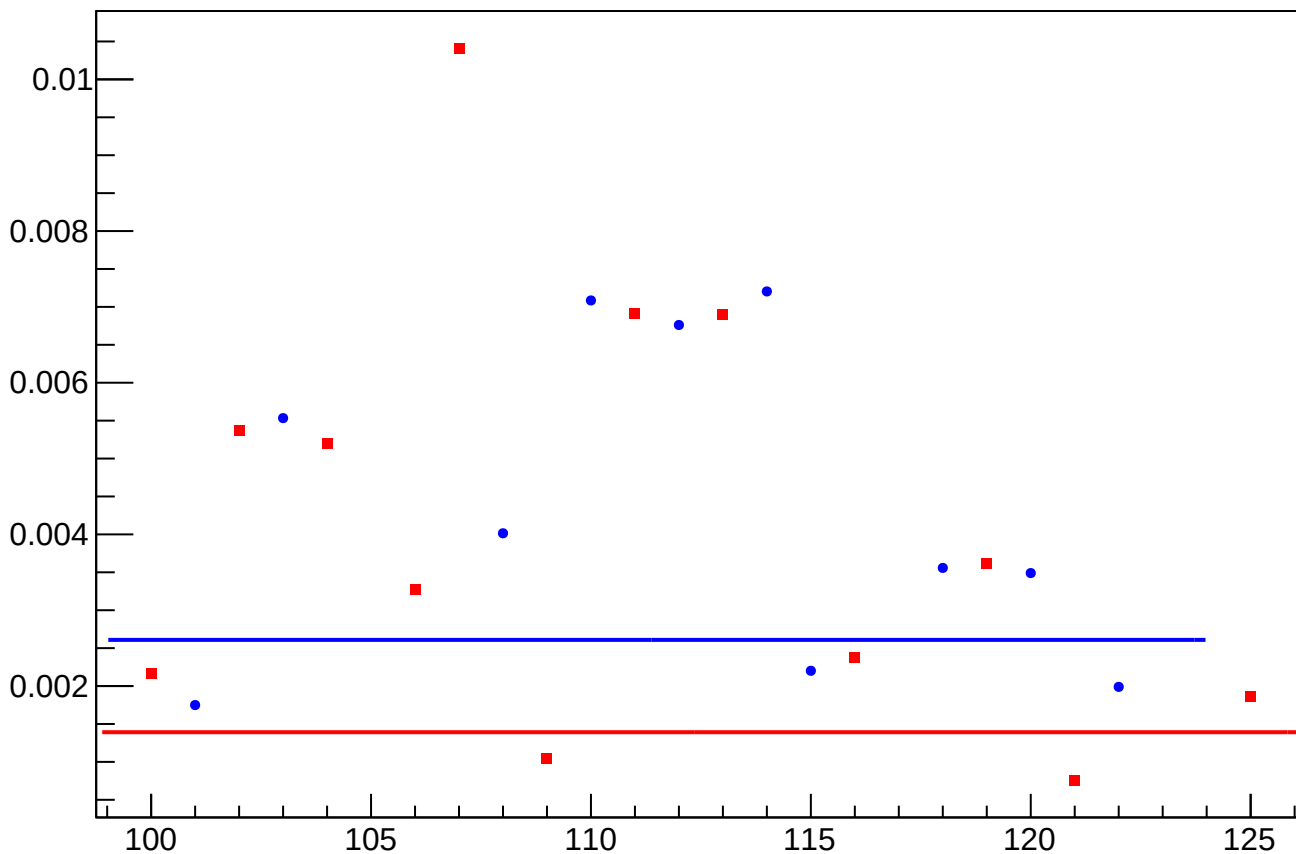
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 29.5/21

In: -0.000 $\pm$ 0.000 χ^2 /NDF:12.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 29.5/21

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 : 4180859.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

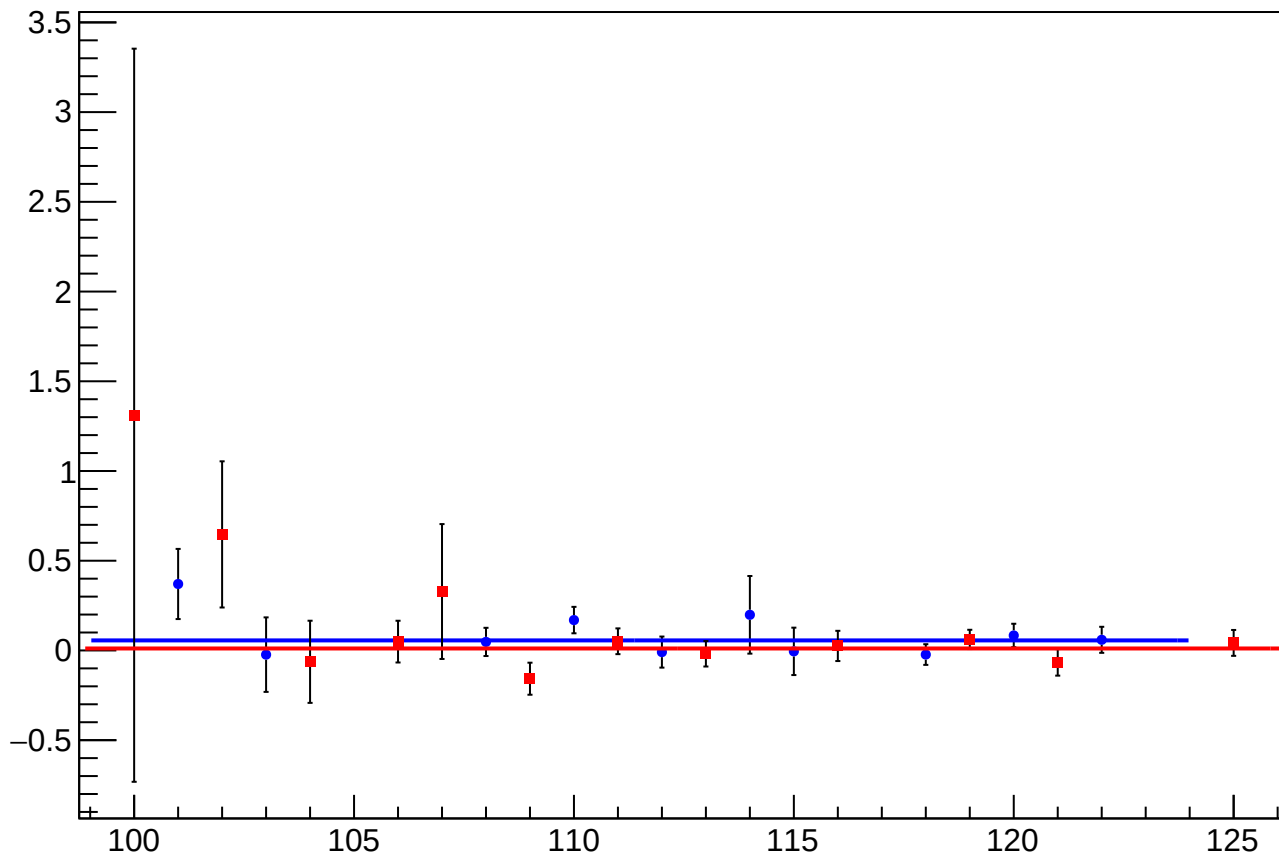
Right: 0.002+/-0.000 χ^2/NDF : 6902035.5/21

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 : 6902035.5/21

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: 0.011+/-0.026 χ^2/NDF : 10.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

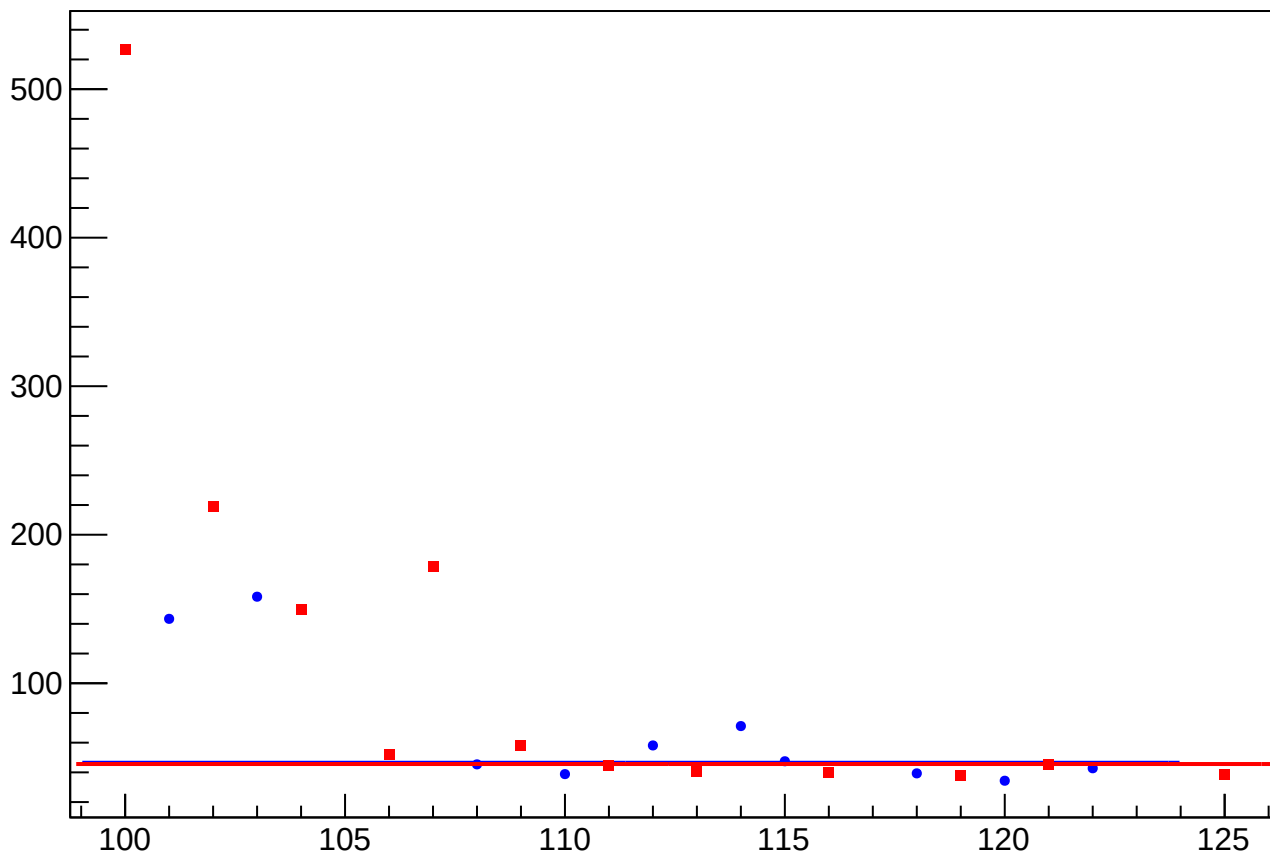
Right: 0.032+/-0.019 χ^2/NDF : 19.8/21

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 : 19.8/21

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: 45.616+/-0.018 χ^2/NDF : 1261542.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

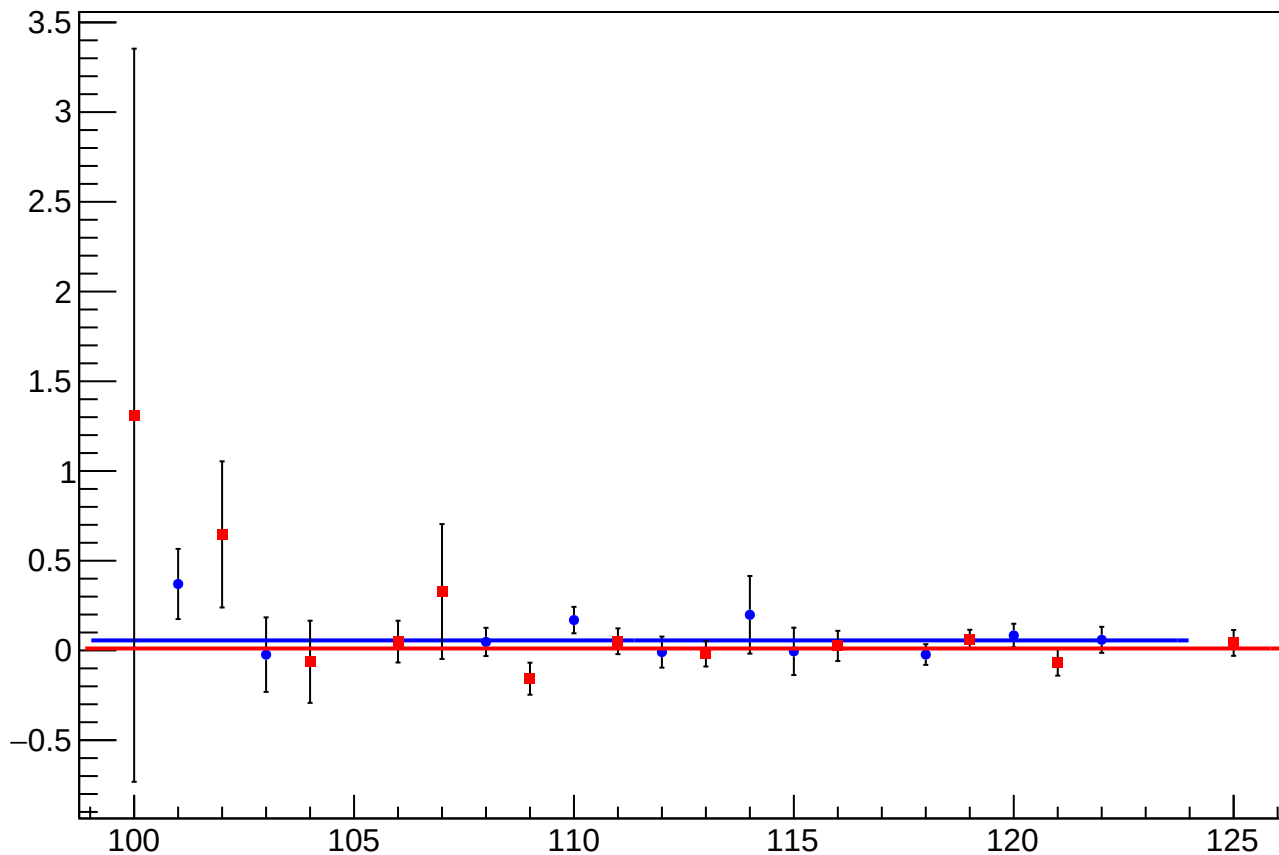
Right: 46.017+/-0.013 χ^2/NDF : 2523032.0/21

In: 46.464+/-0.019 χ^2/NDF : 1260479.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.017+/-0.013 χ^2/NDF : 2523032.0/21

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: 0.011+/-0.026 χ^2/NDF : 10.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

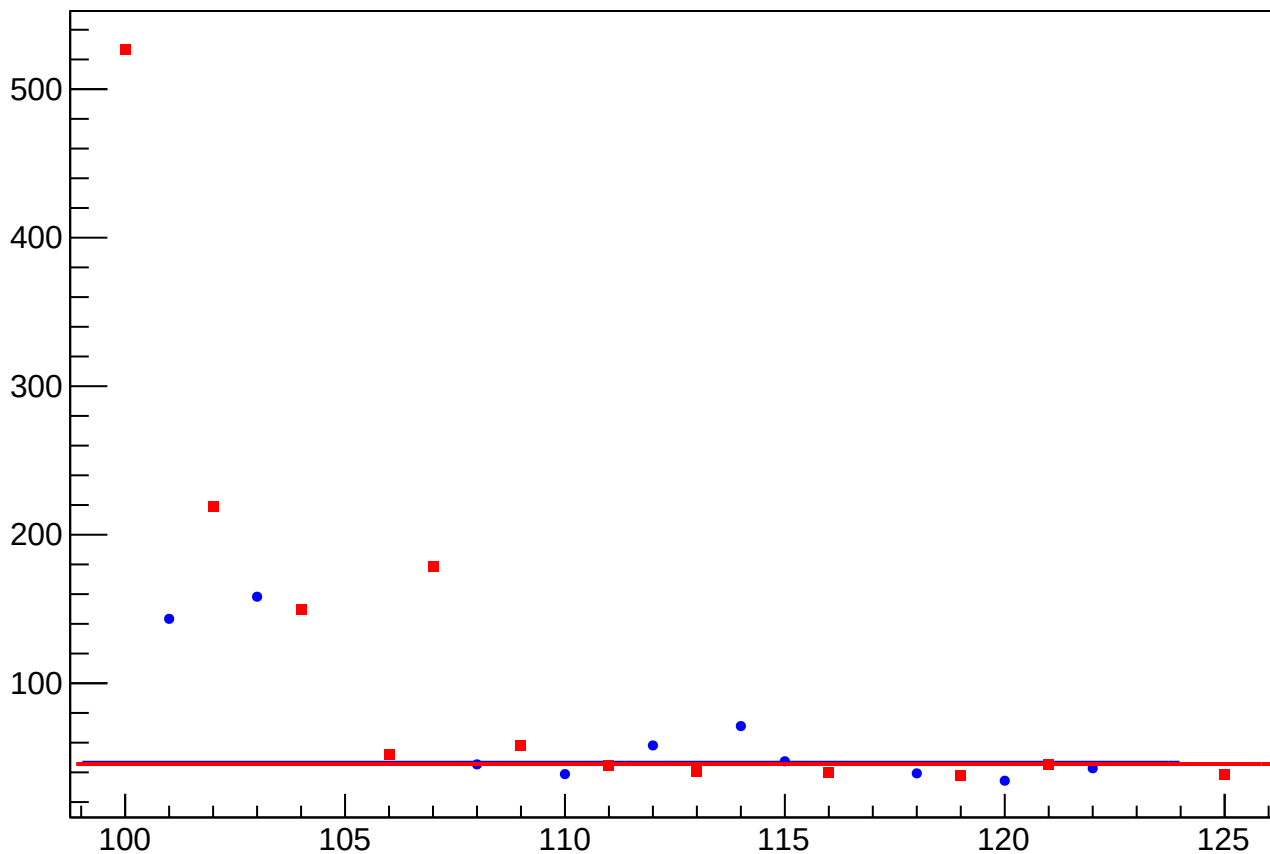
Right: 0.032+/-0.019 χ^2/NDF : 19.8/21

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 : 19.8/21

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: 45.616+/-0.018 χ^2/NDF : 1261542.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

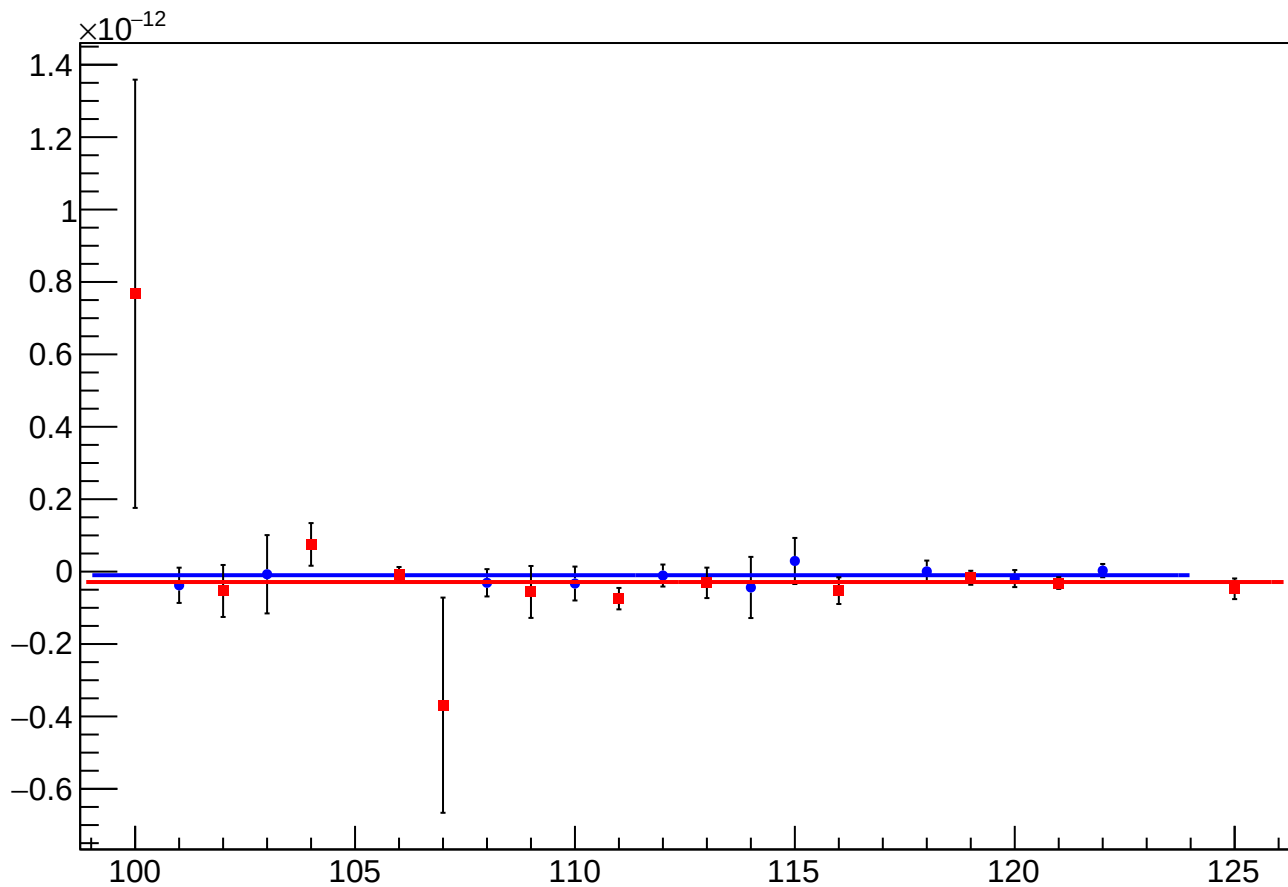
Right: 46.017+/-0.013 χ^2/NDF : 2523032.0/21

In: 46.464+/-0.019 χ^2/NDF : 1260479.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.017+/-0.013 χ^2/NDF : 2523032.0/21

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 : 11.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

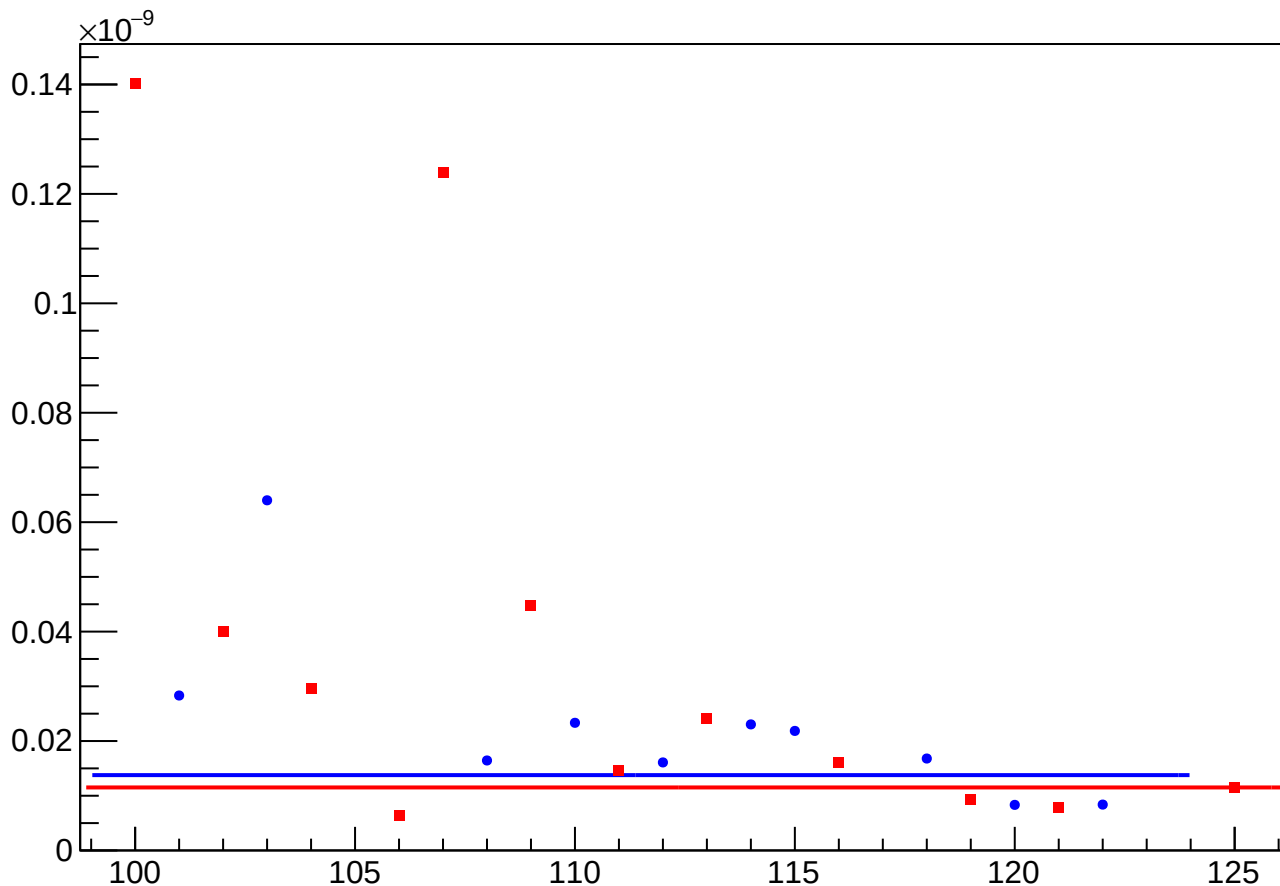
Right: -0.000+/-0.000 χ^2/NDF : 15.5/21

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 : 15.5/21

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 : 1810778.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

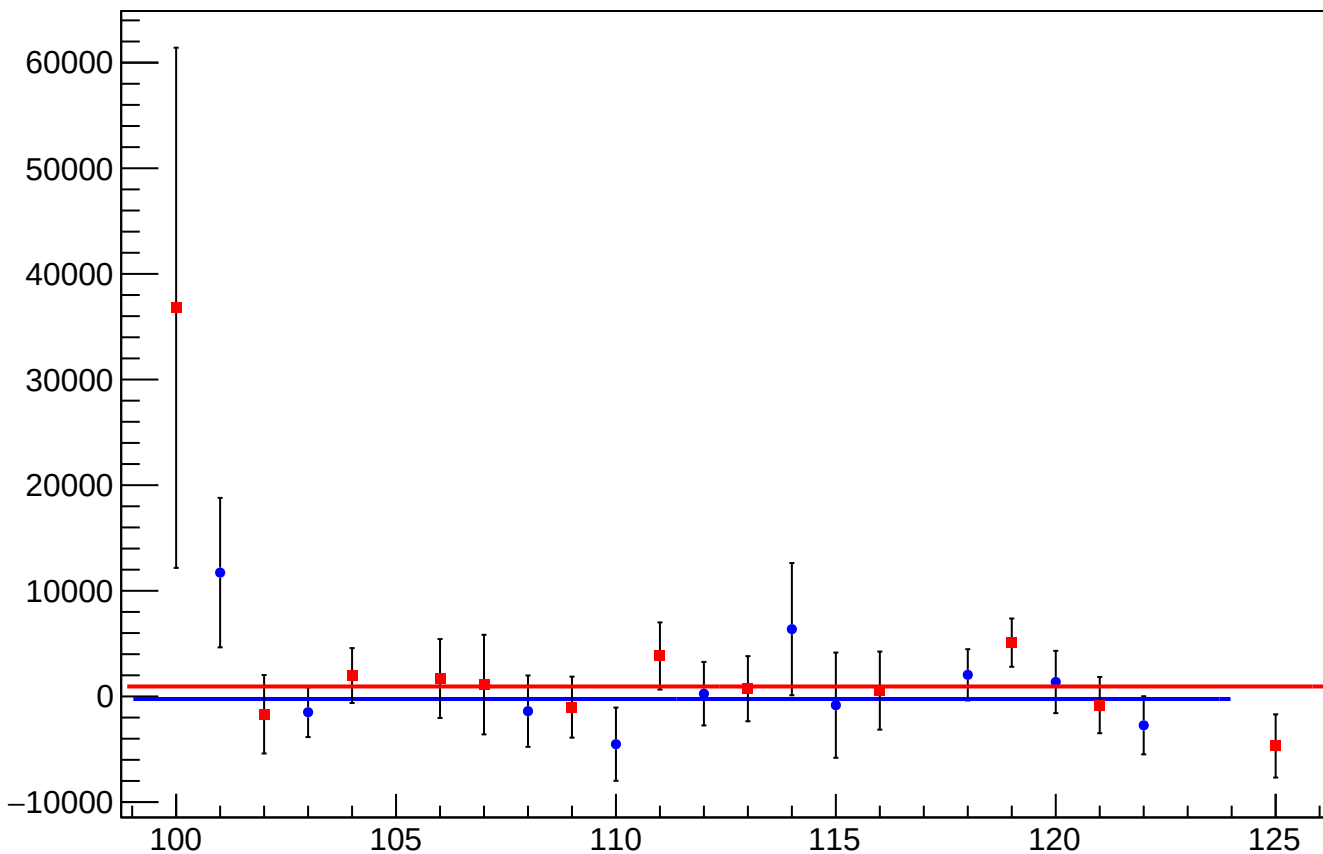
Right: 0.000+/-0.000 χ^2/NDF : 2937739.9/21

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 : 2937739.9/21

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: 944.034+/-920.546 χ^2/NDF : 11.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

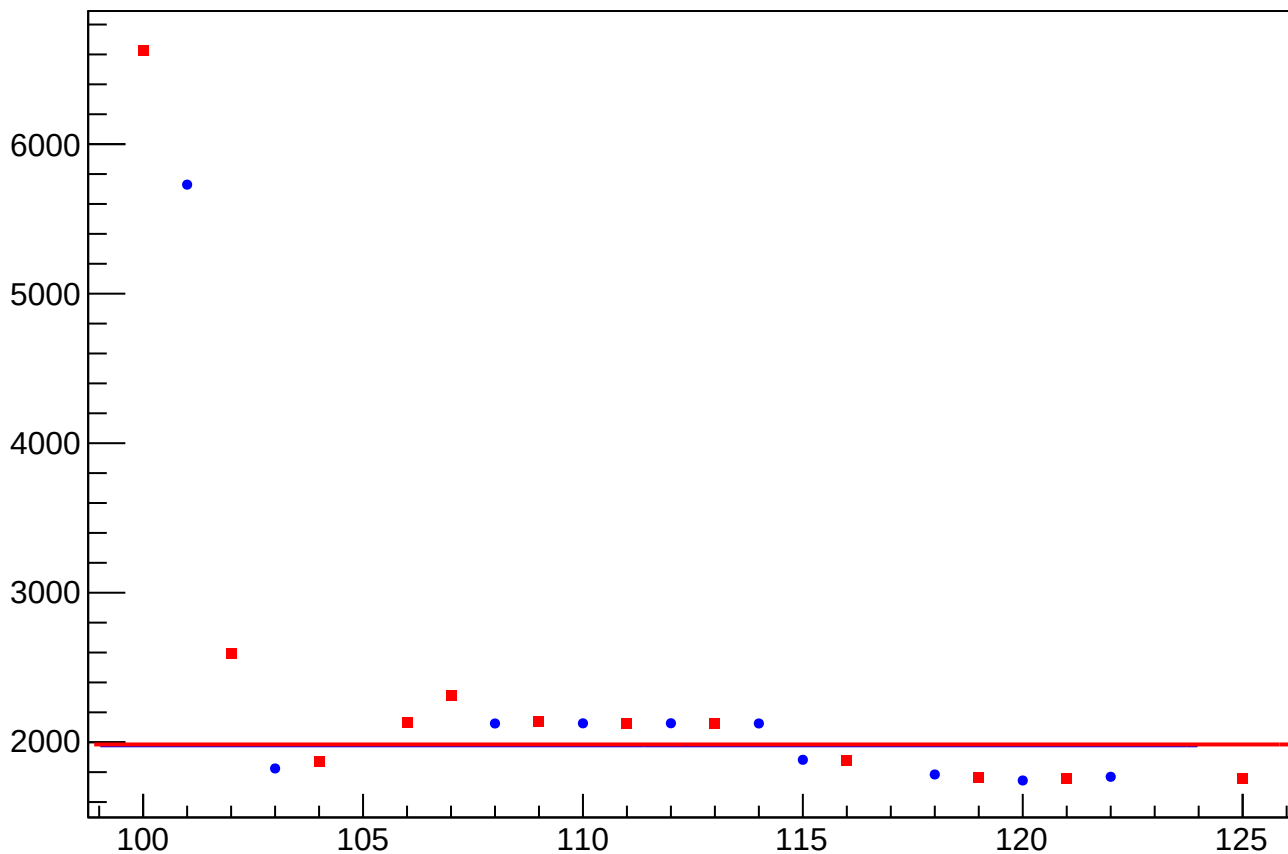
Right: 411.247+/-682.838 χ^2/NDF : 20.1/21

In: -240.543+/-1018.175 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 411.247+/-682.838 χ^2/NDF : 20.1/21

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: 1985.203+/-0.651 χ^2/NDF : 200966.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

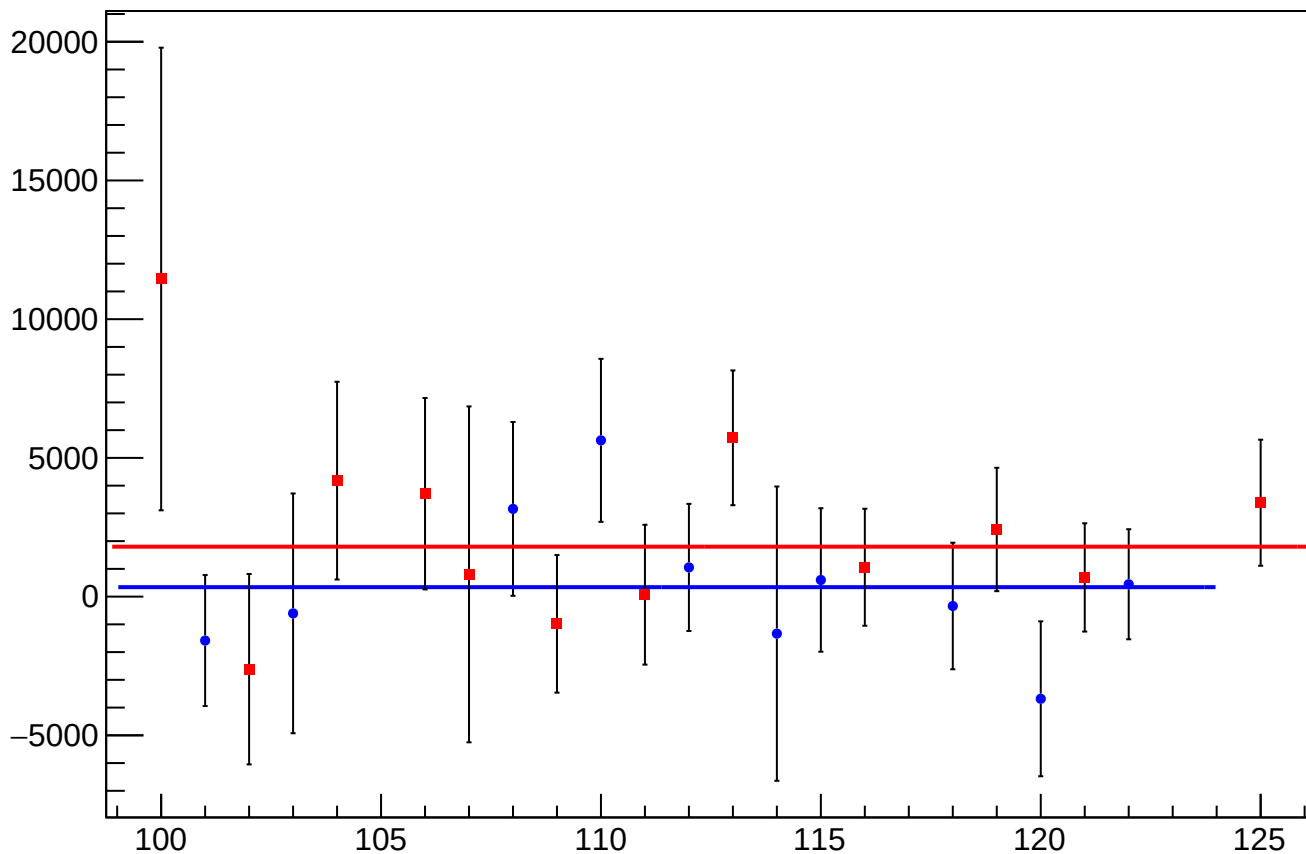
Right: 1982.691+/-0.483 χ^2/NDF : 822792.1/21

In: 1979.618+/-0.720 χ^2/NDF : 621792.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1982.691+/-0.483 χ^2/NDF : 822792.1/21

asym_us_dd_at1lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 340.512 $\pm$ 844.804 χ^2 /NDF: 7.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1799.290 $\pm$ 775.610 χ^2 /NDF: 9.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

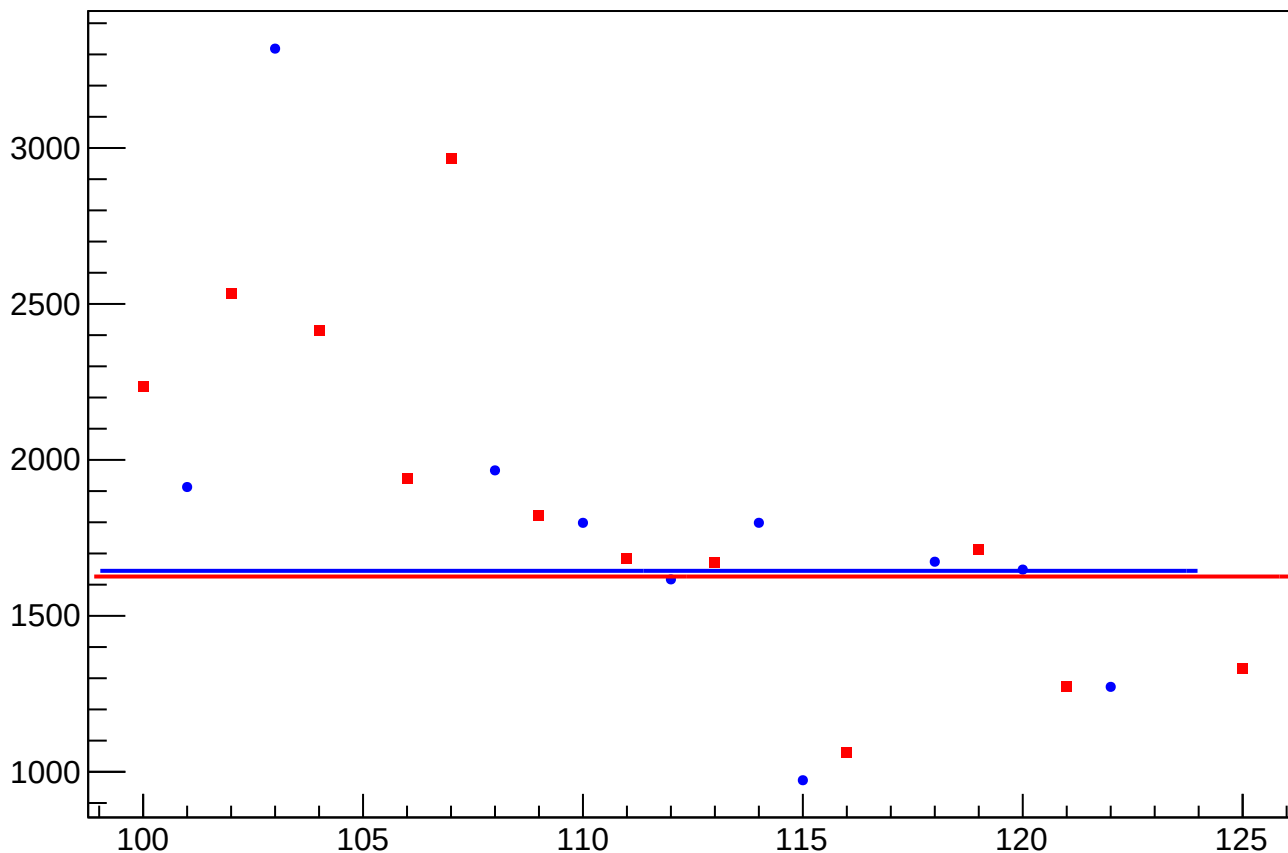
Right: 1132.080 $\pm$ 571.337 χ^2 /NDF: 17.9/21

In: 340.512 $\pm$ 844.804 χ^2 /NDF:7.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1132.080 $\pm$ 571.337 χ^2 /NDF: 17.9/21

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: 1626.102+/-0.548 χ^2/NDF : 622028.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

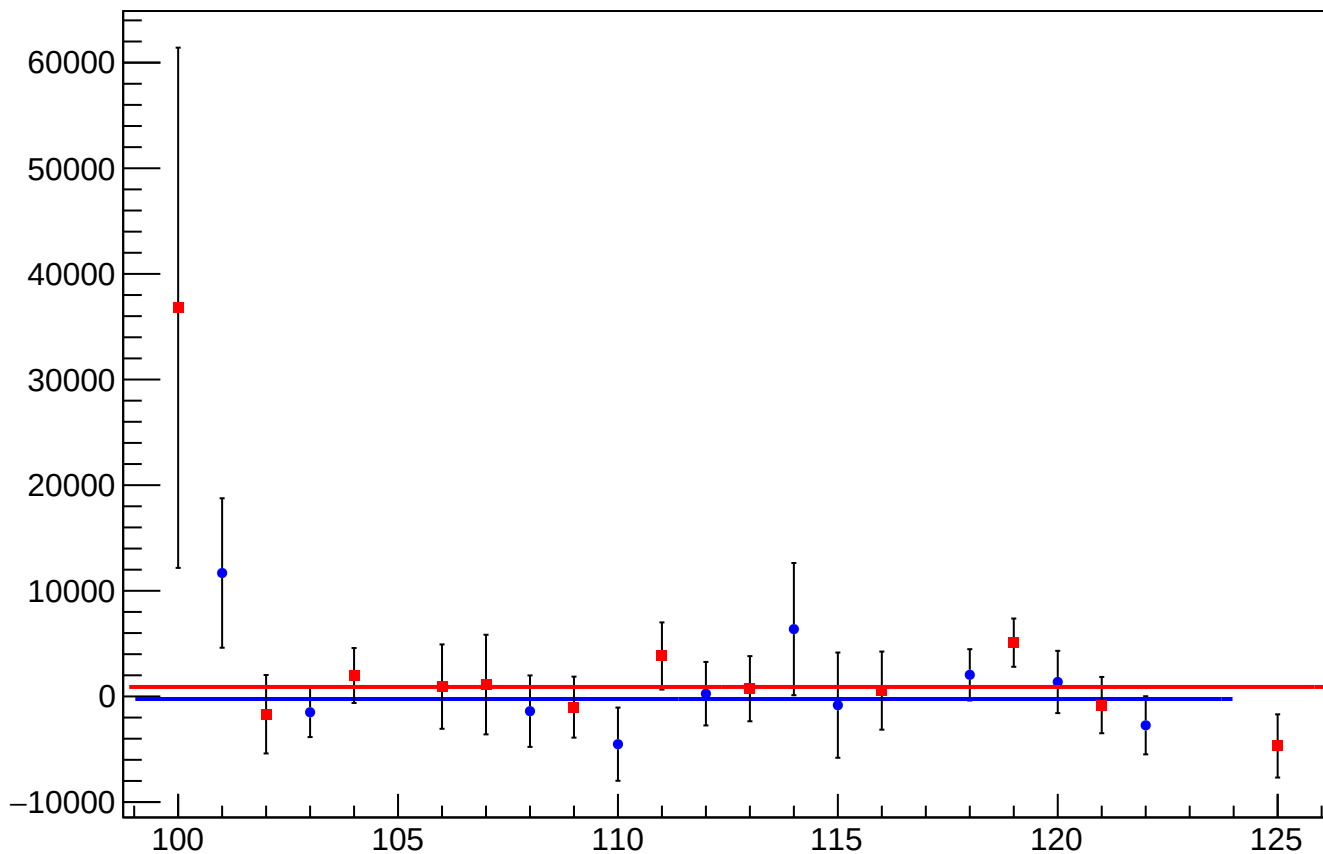
Right: 1634.447+/-0.404 χ^2/NDF : 1182719.9/21

In: 1644.349+/-0.597 χ^2/NDF : 560185.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1634.447+/-0.404 χ^2/NDF : 1182719.9/21

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: 898.290+/-924.069 χ^2/NDF : 11.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

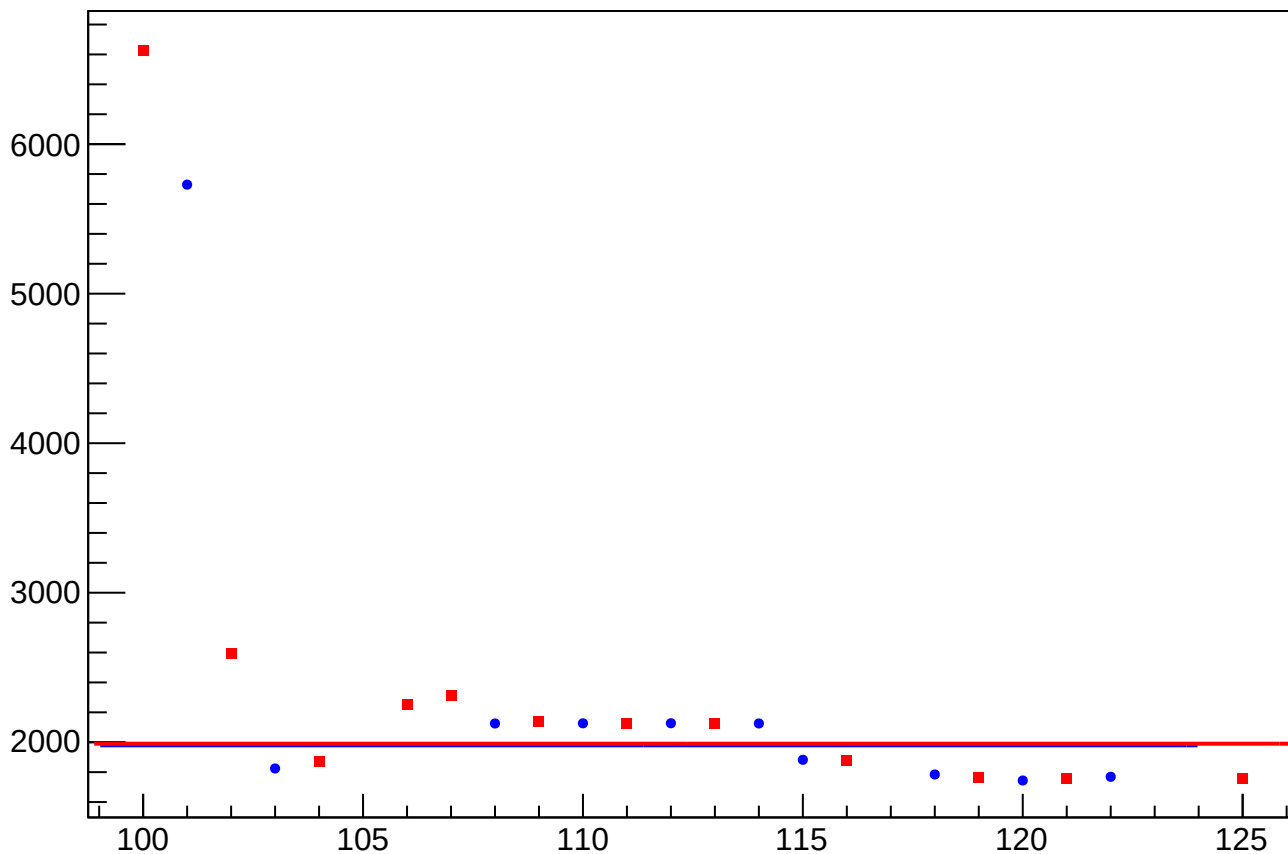
Right: 383.304+/-684.272 χ^2/NDF : 20.0/21

In: -241.915+/-1018.175 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 383.304+/-684.272 χ^2/NDF : 20.0/21

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: 1990.320+/-0.653 χ^2/NDF : 206530.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

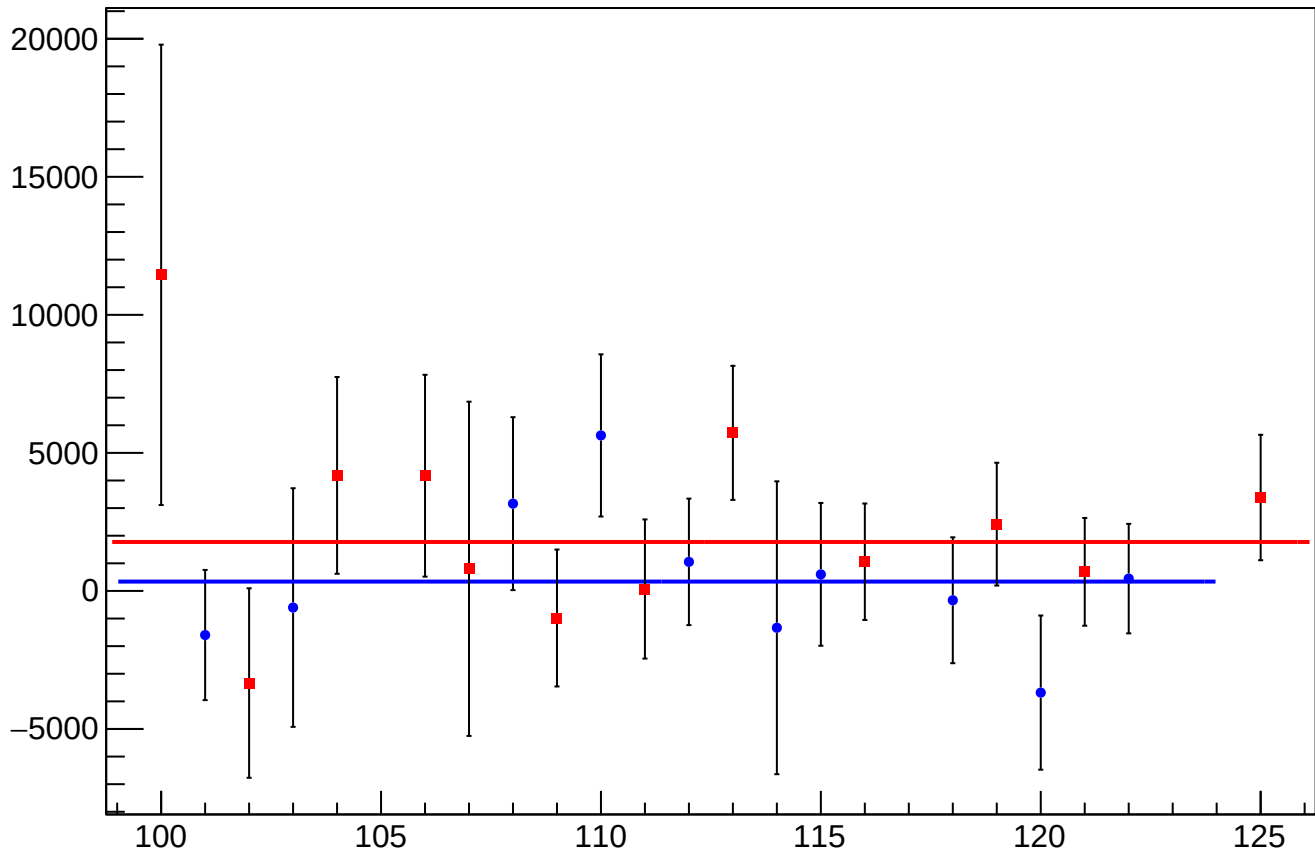
Right: 1985.487+/-0.484 χ^2/NDF : 828444.5/21

In: 1979.619+/-0.720 χ^2/NDF : 621792.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1985.487+/-0.484 χ^2/NDF : 828444.5/21

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: 1773.335+/-777.776 χ^2/NDF : 9.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

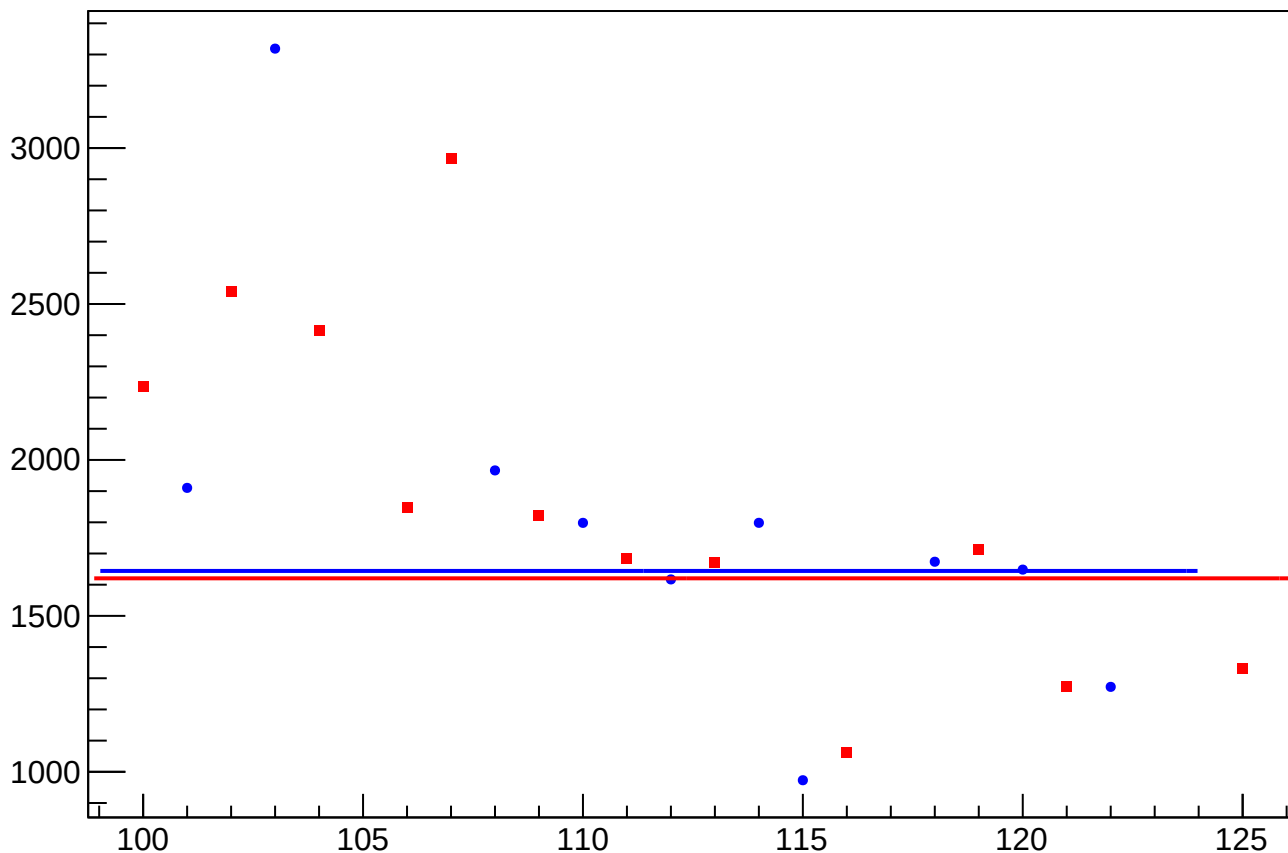
Right: 1114.873+/-572.156 χ^2/NDF : 18.5/21

In: 338.299+/-844.657 χ^2/NDF :7.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1114.873+/-572.156 χ^2/NDF : 18.5/21

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: 1620.369+/-0.550 χ^2/NDF : 614341.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

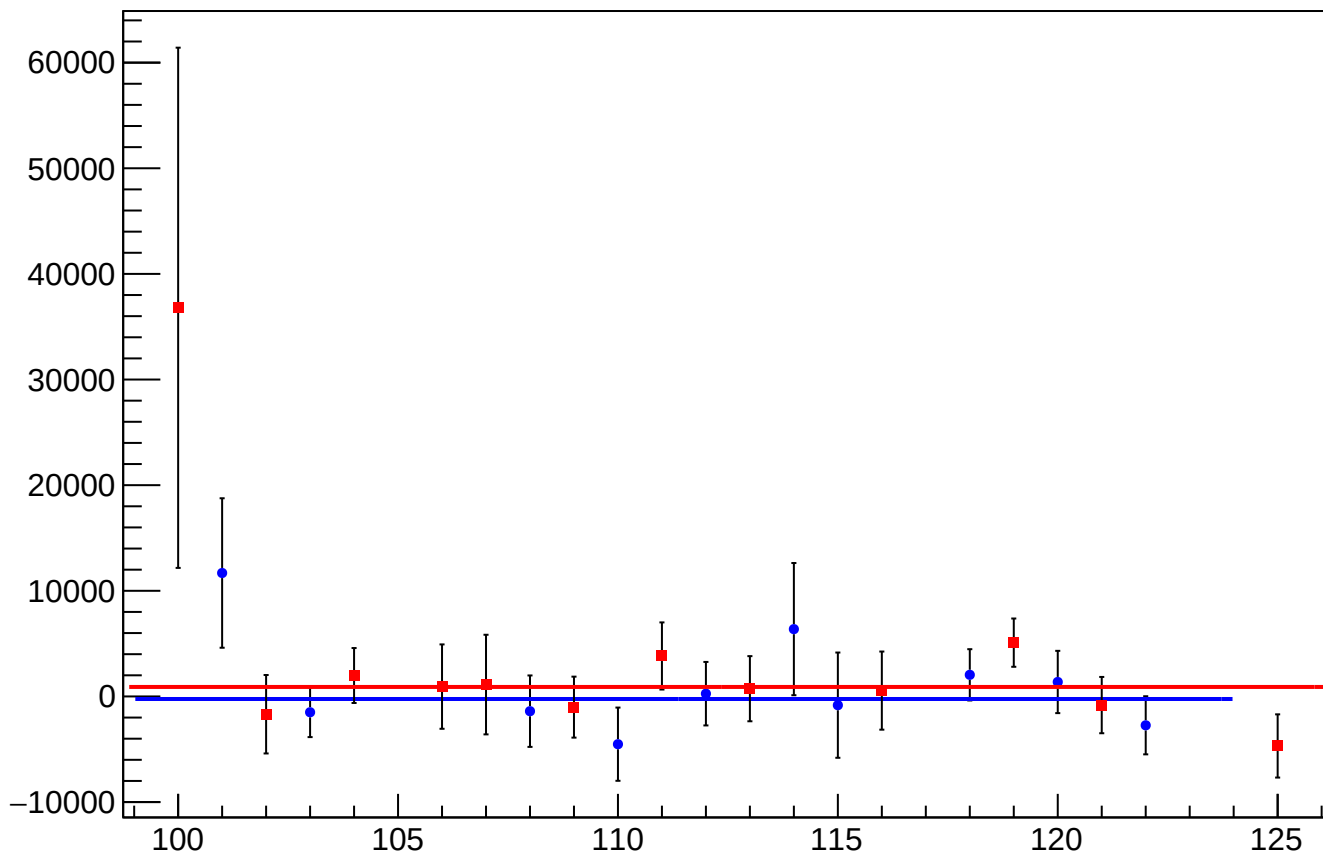
Right: 1631.258+/-0.405 χ^2/NDF : 1175001.1/21

In: 1644.101+/-0.597 χ^2/NDF : 559804.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1631.258+/-0.405 χ^2/NDF : 1175001.1/21

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: 898.290+/-924.069 χ^2/NDF : 11.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

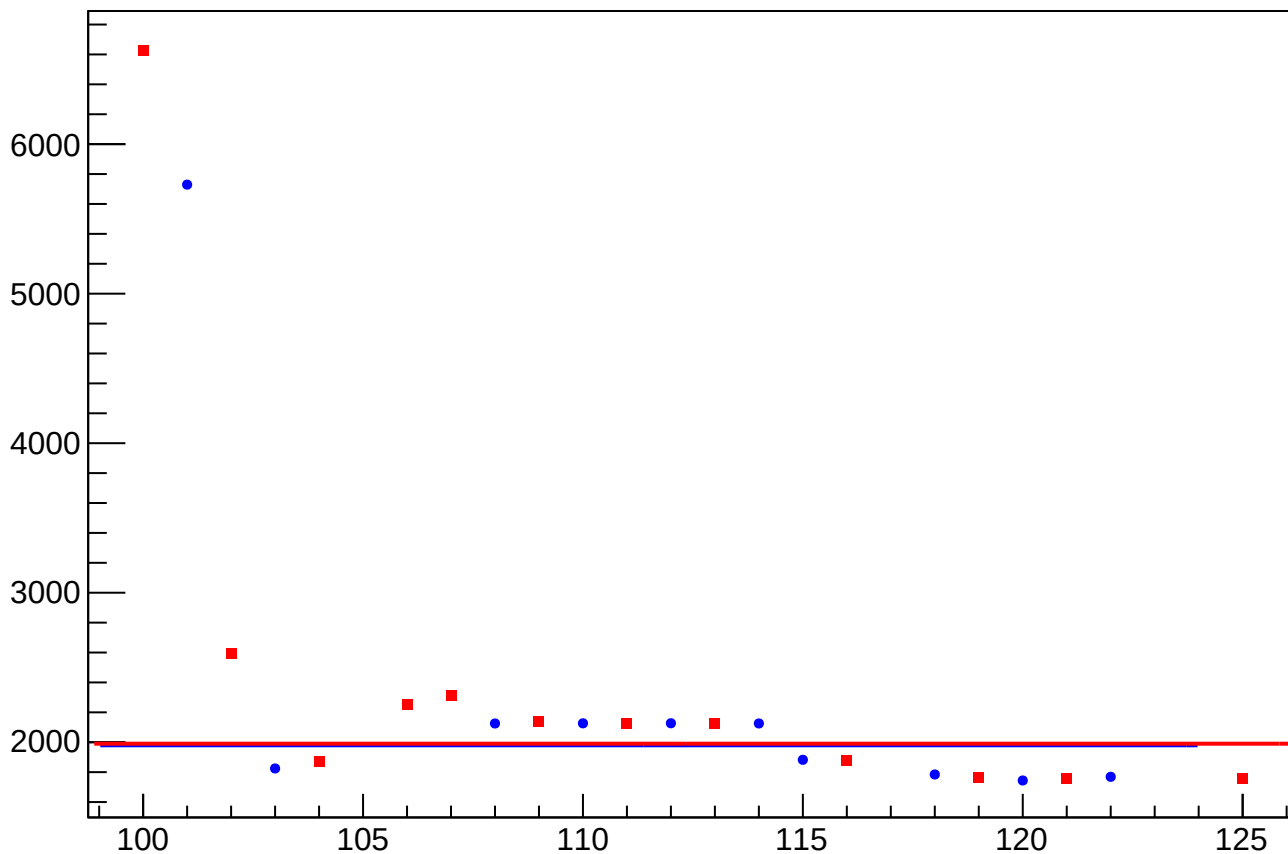
Right: 383.304+/-684.272 χ^2/NDF : 20.0/21

In: -241.915+/-1018.175 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 383.304+/-684.272 χ^2/NDF : 20.0/21

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: 1990.320+/-0.653 χ^2/NDF : 206530.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

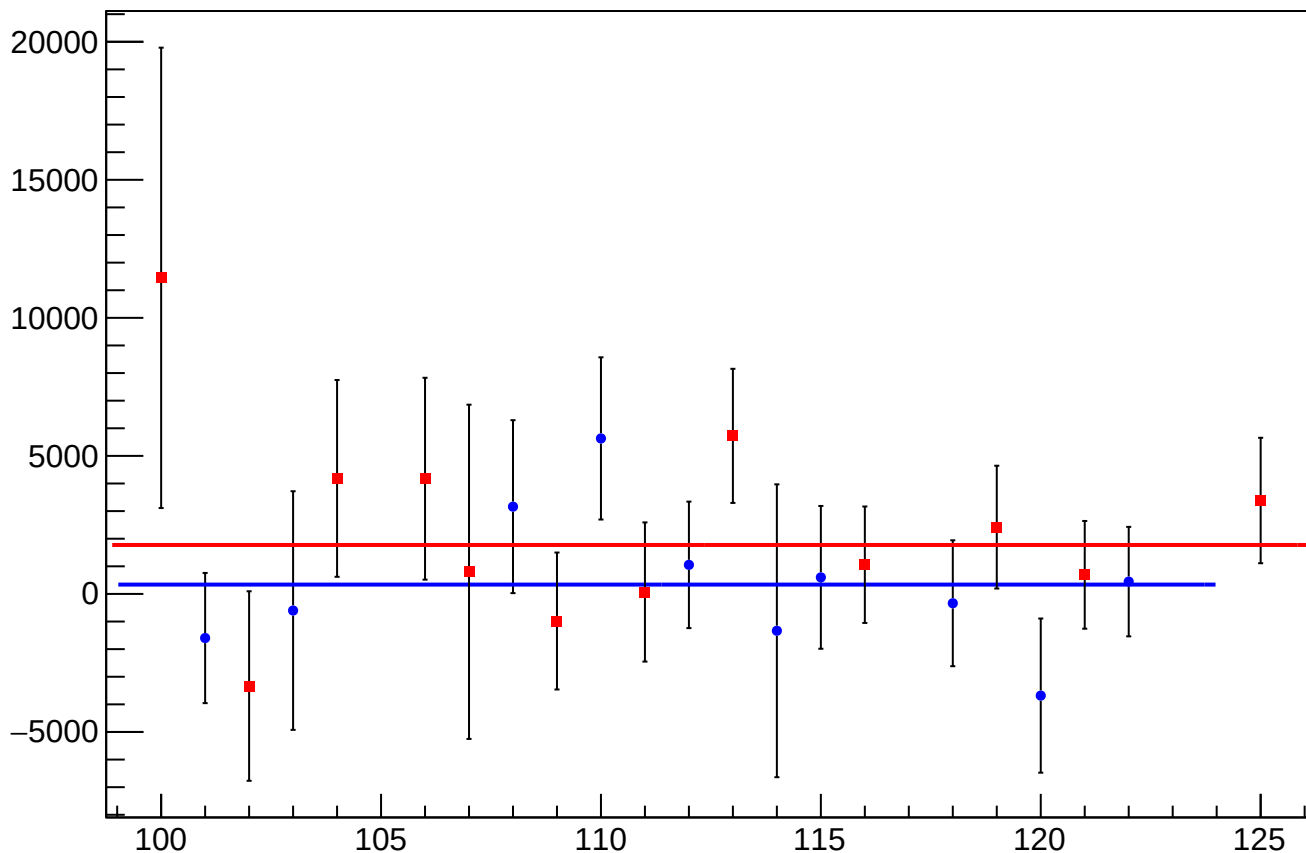
Right: 1985.487+/-0.484 χ^2/NDF : 828444.5/21

In: 1979.619+/-0.720 χ^2/NDF : 621792.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1985.487+/-0.484 χ^2/NDF : 828444.5/21

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: 1773.335+/-777.776 χ^2/NDF : 9.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

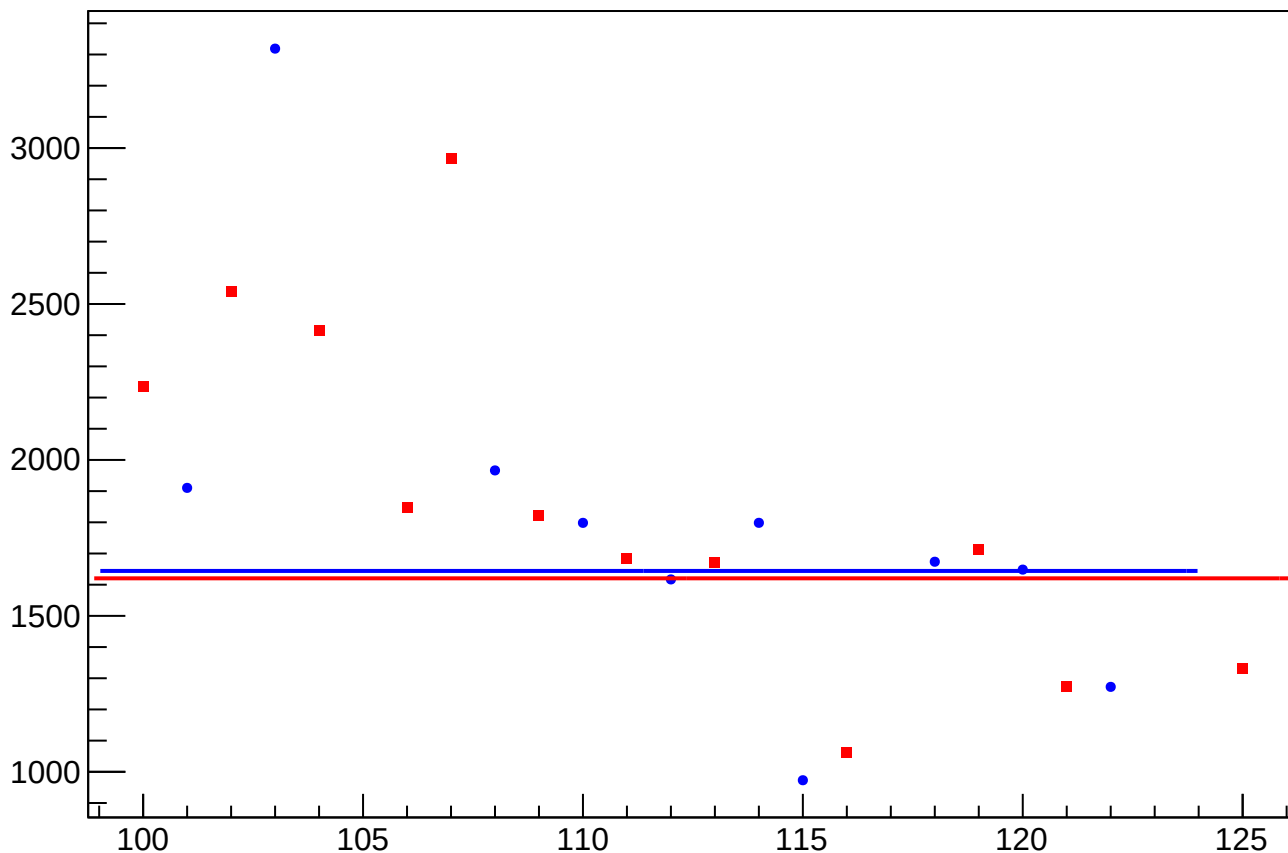
Right: 1114.873+/-572.156 χ^2/NDF : 18.5/21

In: 338.299+/-844.657 χ^2/NDF :7.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1114.873+/-572.156 χ^2/NDF : 18.5/21

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: 1620.369+/-0.550 χ^2/NDF : 614341.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

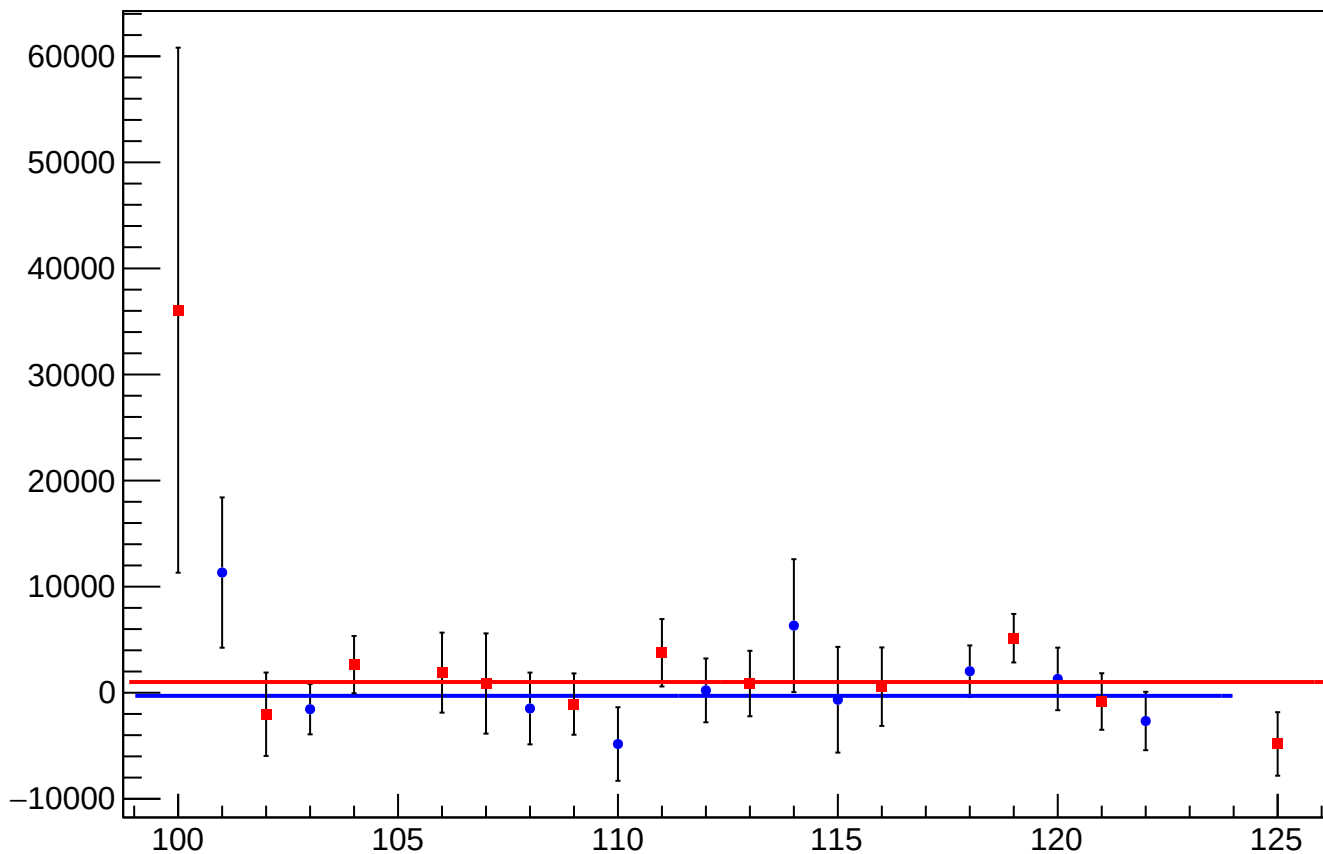
Right: 1631.258+/-0.405 χ^2/NDF : 1175001.1/21

In: 1644.101+/-0.597 χ^2/NDF : 559804.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1631.258+/-0.405 χ^2/NDF : 1175001.1/21

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: 1009.720+/-928.911 χ^2/NDF : 11.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

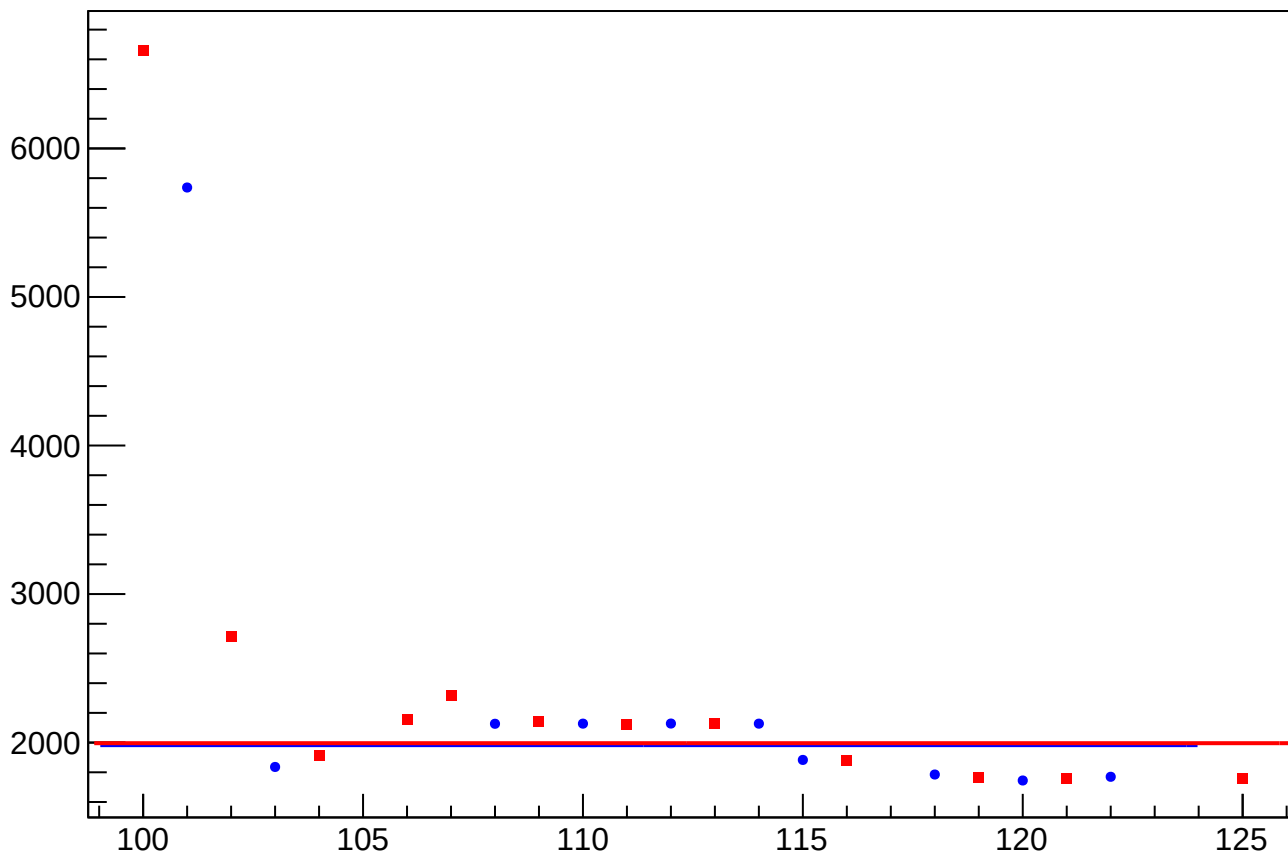
Right: 419.724+/-686.812 χ^2/NDF : 20.7/21

In: -291.757+/-1020.073 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 419.724+/-686.812 χ^2/NDF : 20.7/21

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: 1995.962+/-0.657 χ^2 /NDF: 214528.8/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

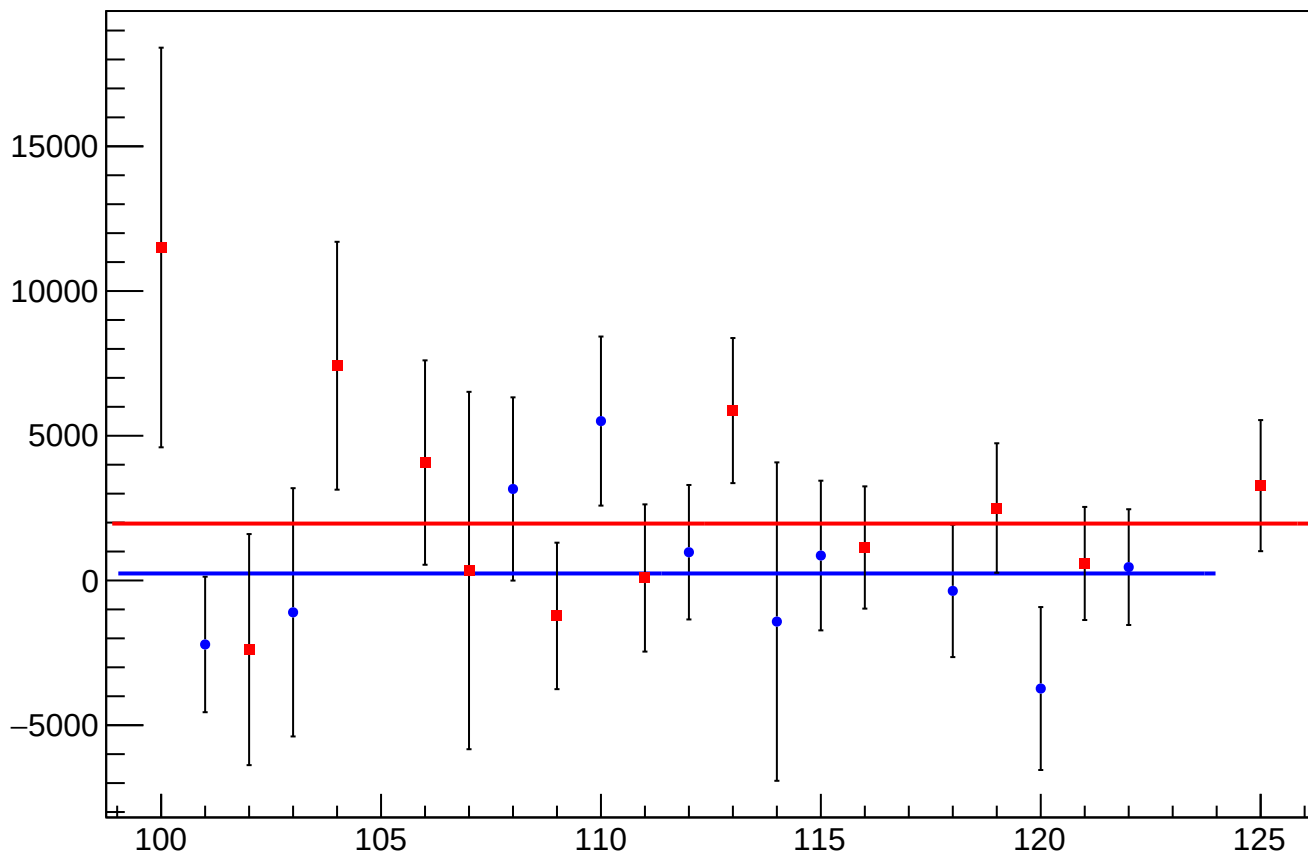
Right: 1990.016+/-0.486 χ^2 /NDF: 835884.9/21

In: 1982.847+/-0.721 χ^2 /NDF:621175.3/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1990.016+/-0.486 χ^2 /NDF: 835884.9/21

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: 1965.698+/-791.646 χ^2/NDF : 10.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

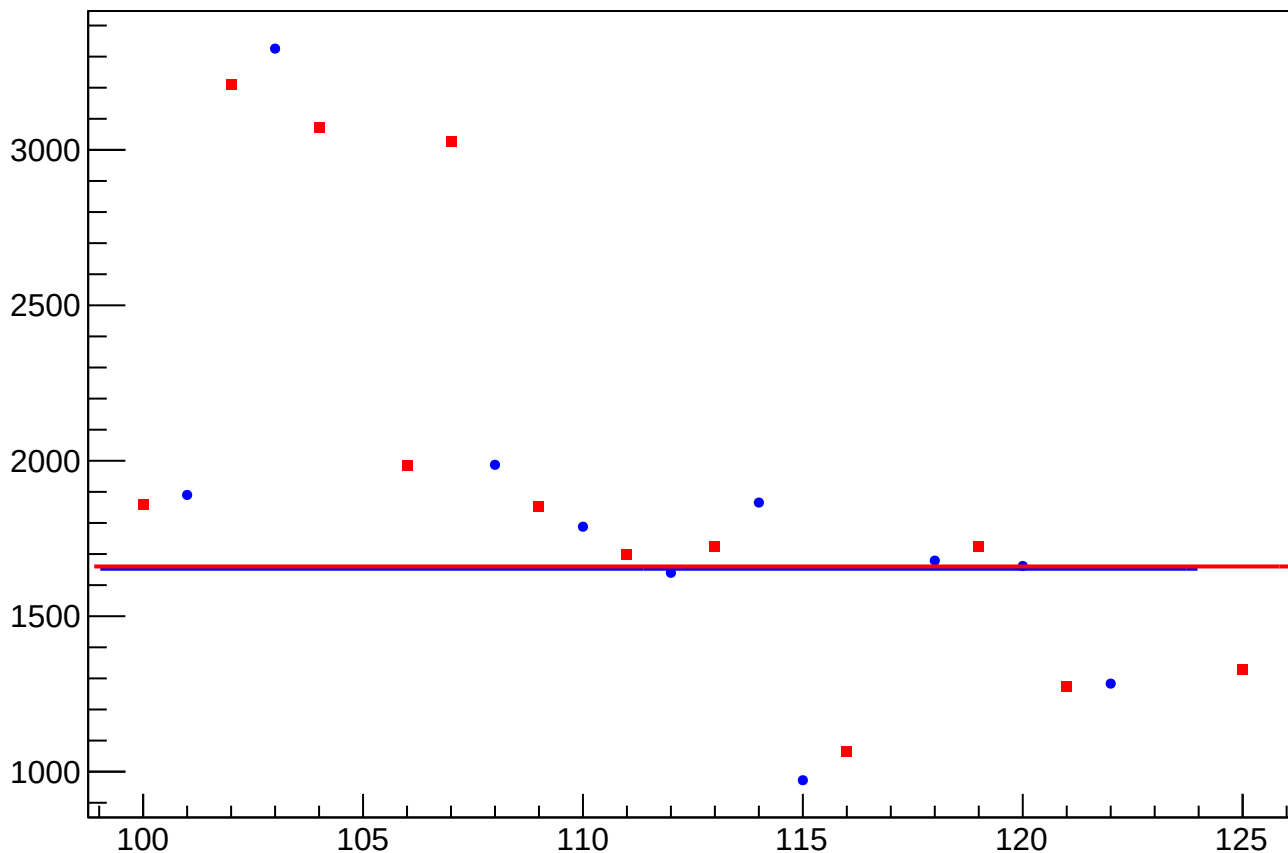
Right: 1163.487+/-578.815 χ^2/NDF : 20.6/21

In: 242.049+/-848.437 χ^2/NDF :7.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1163.487+/-578.815 χ^2/NDF : 20.6/21

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: 1660.065+/-0.560 χ^2/NDF : 930041.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

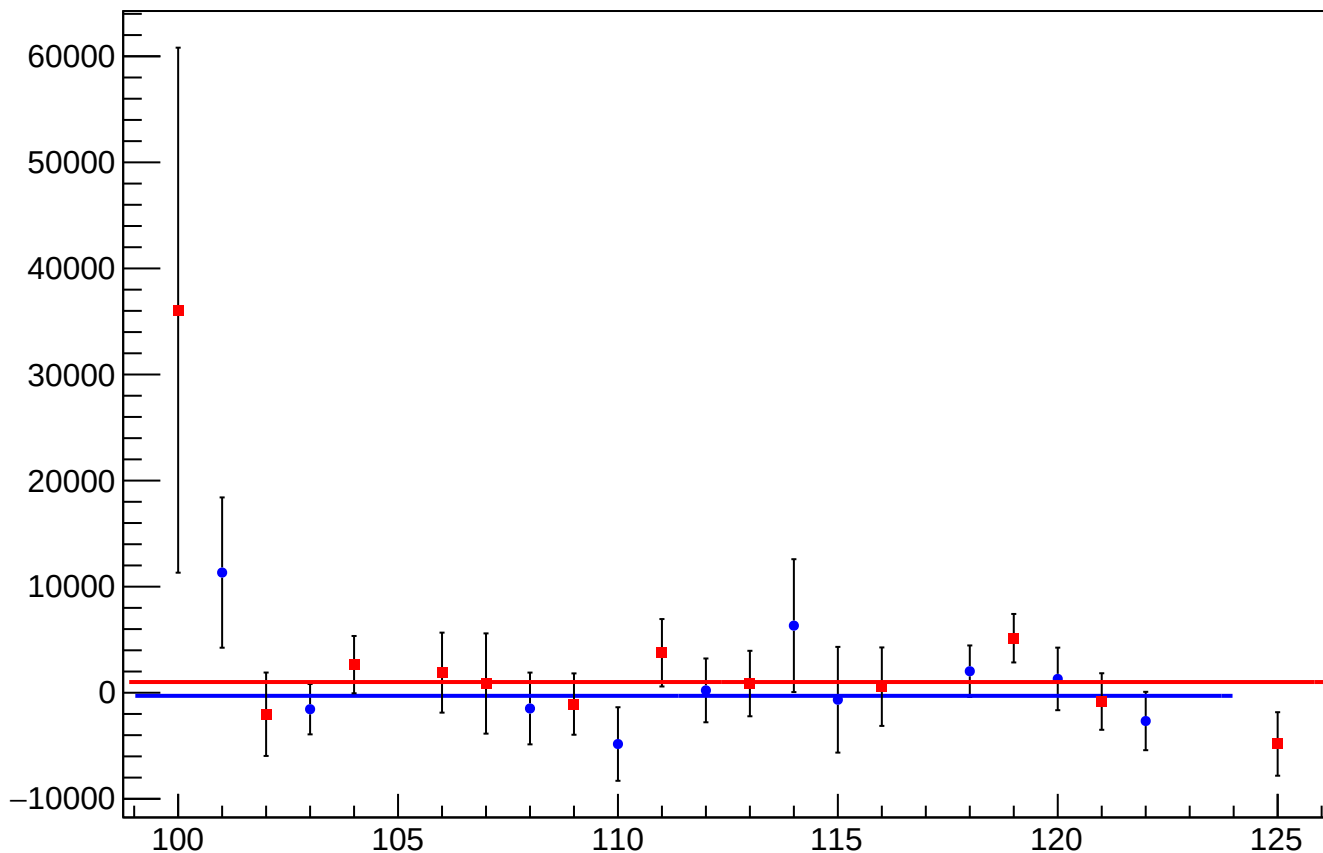
Right: 1656.659+/-0.409 χ^2/NDF : 1491659.3/21

In: 1652.746+/-0.600 χ^2/NDF : 561538.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1656.659+/-0.409 χ^2/NDF : 1491659.3/21

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: 1009.718+/-928.911 χ^2/NDF : 11.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

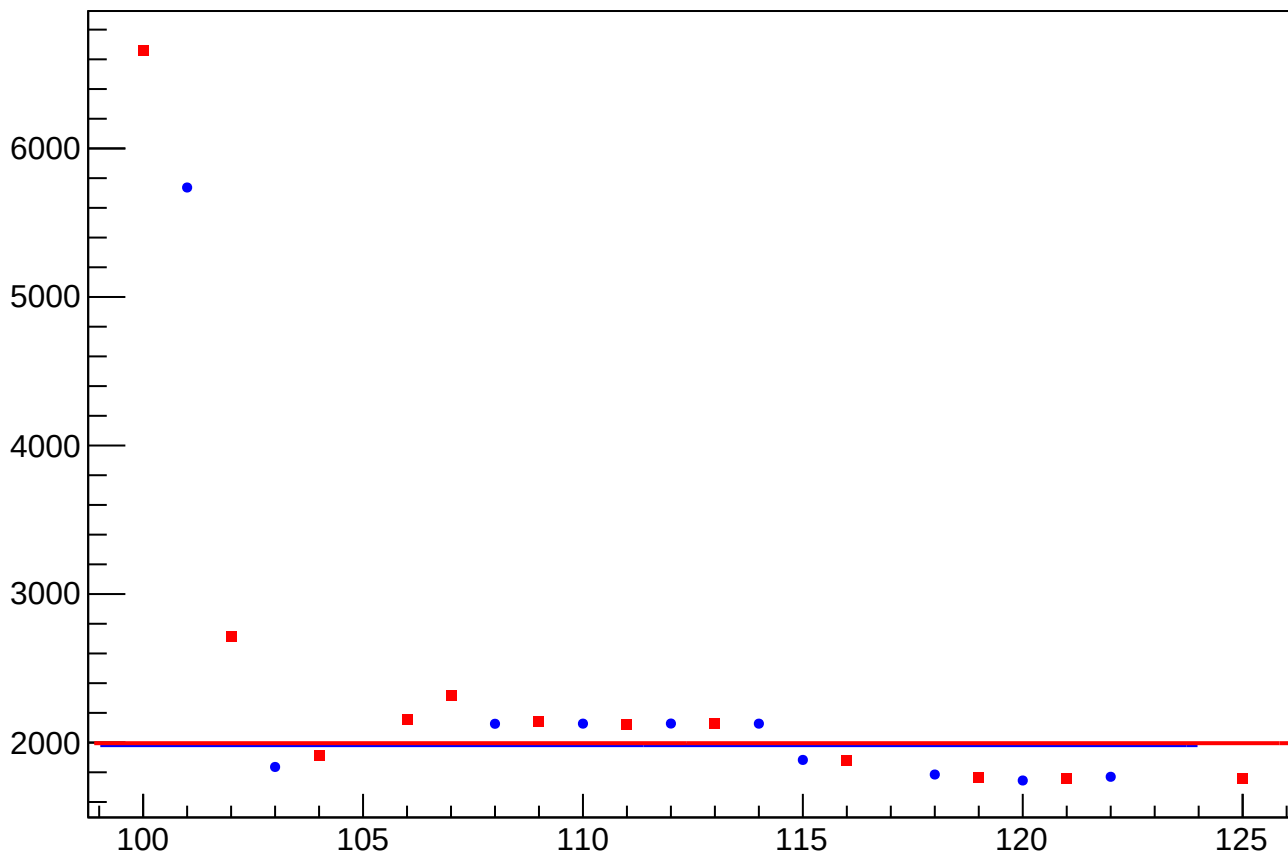
Right: 419.724+/-686.812 χ^2/NDF : 20.7/21

In: -291.755+/-1020.073 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 419.724+/-686.812 χ^2/NDF : 20.7/21

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: 1995.962+/-0.657 χ^2 /NDF: 214528.7/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

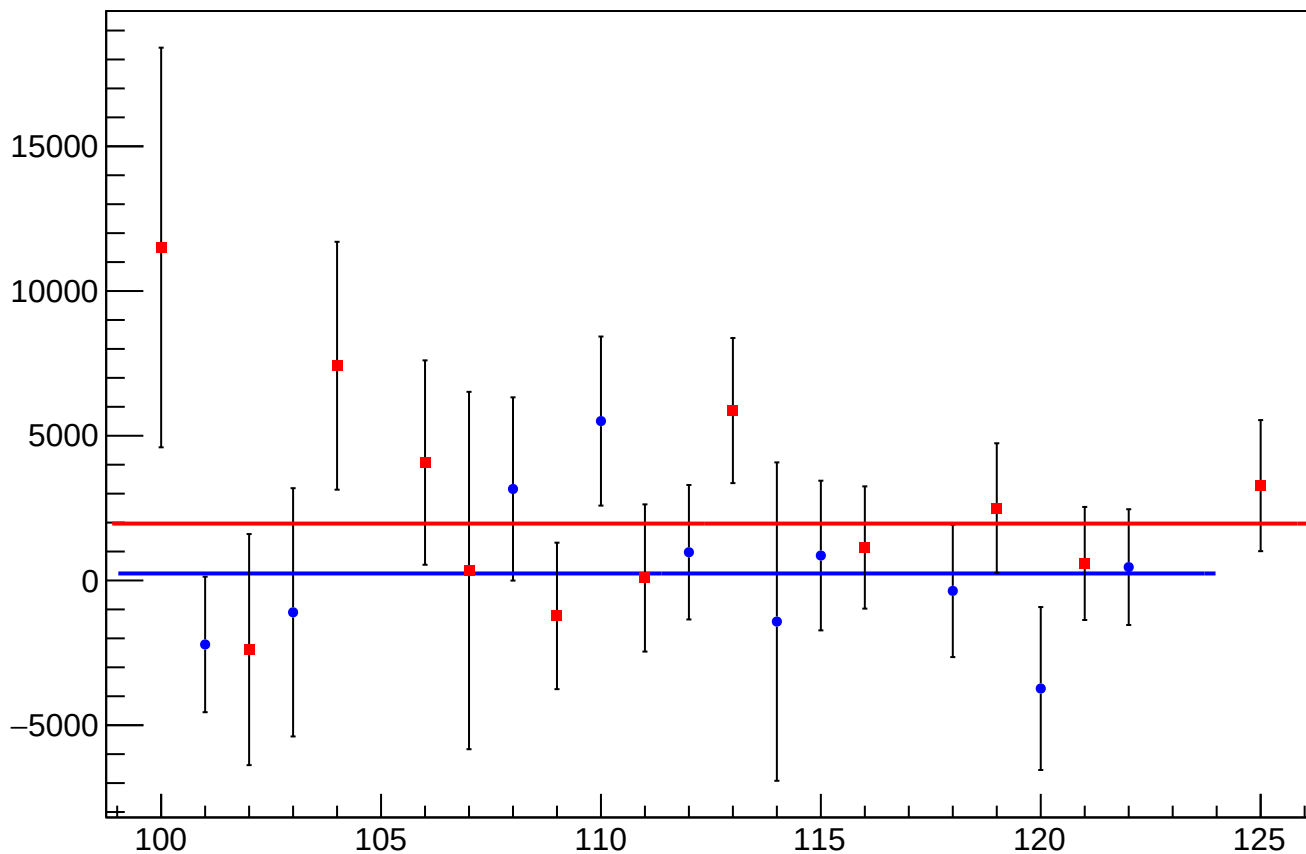
Right: 1990.016+/-0.486 χ^2 /NDF: 835884.8/21

In: 1982.846+/-0.721 χ^2 /NDF:621175.4/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1990.016+/-0.486 χ^2 /NDF: 835884.8/21

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: 1965.693+/-791.644 χ^2/NDF : 10.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

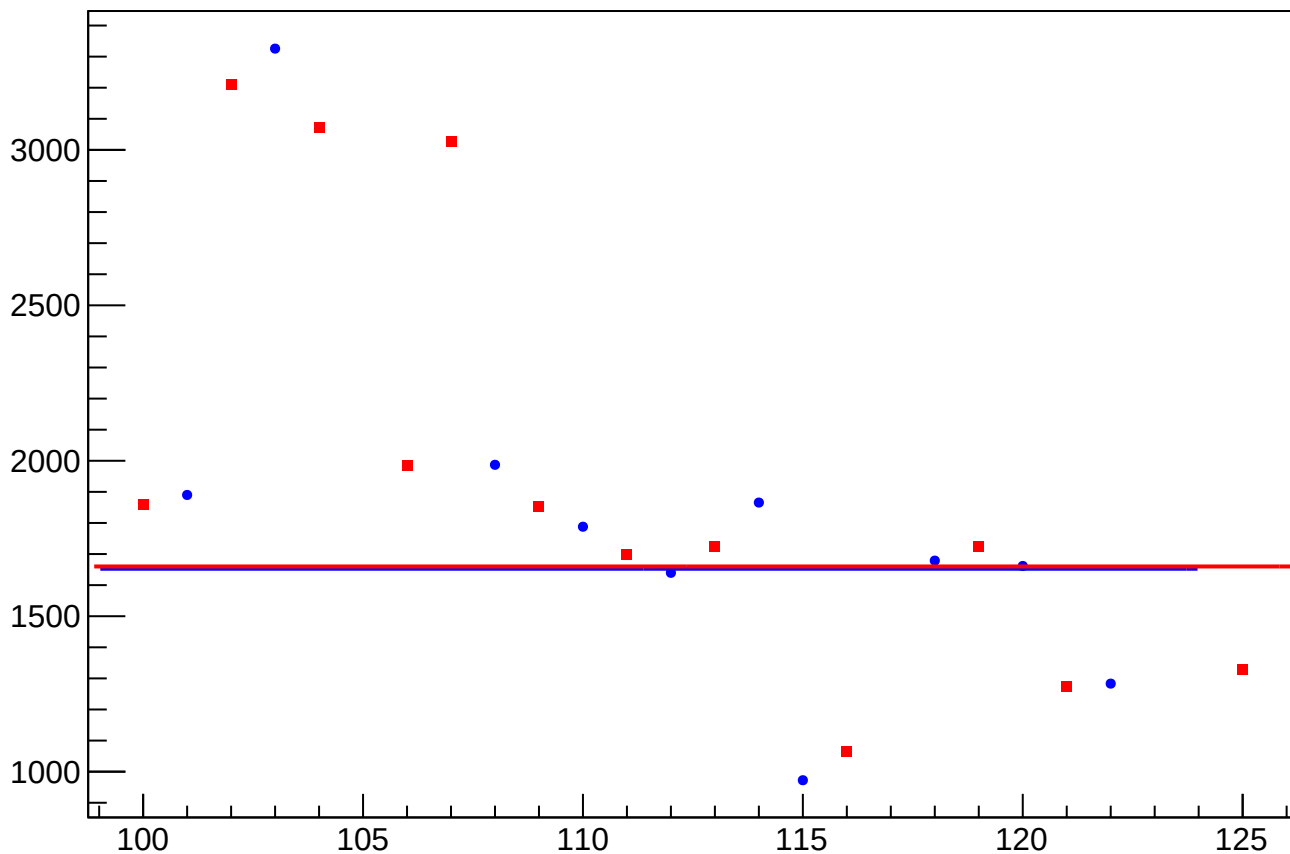
Right: 1163.484+/-578.813 χ^2/NDF : 20.6/21

In: 242.050+/-848.435 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1163.484+/-578.813 χ^2/NDF : 20.6/21

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: 1660.061+/-0.560 χ^2/NDF : 930047.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

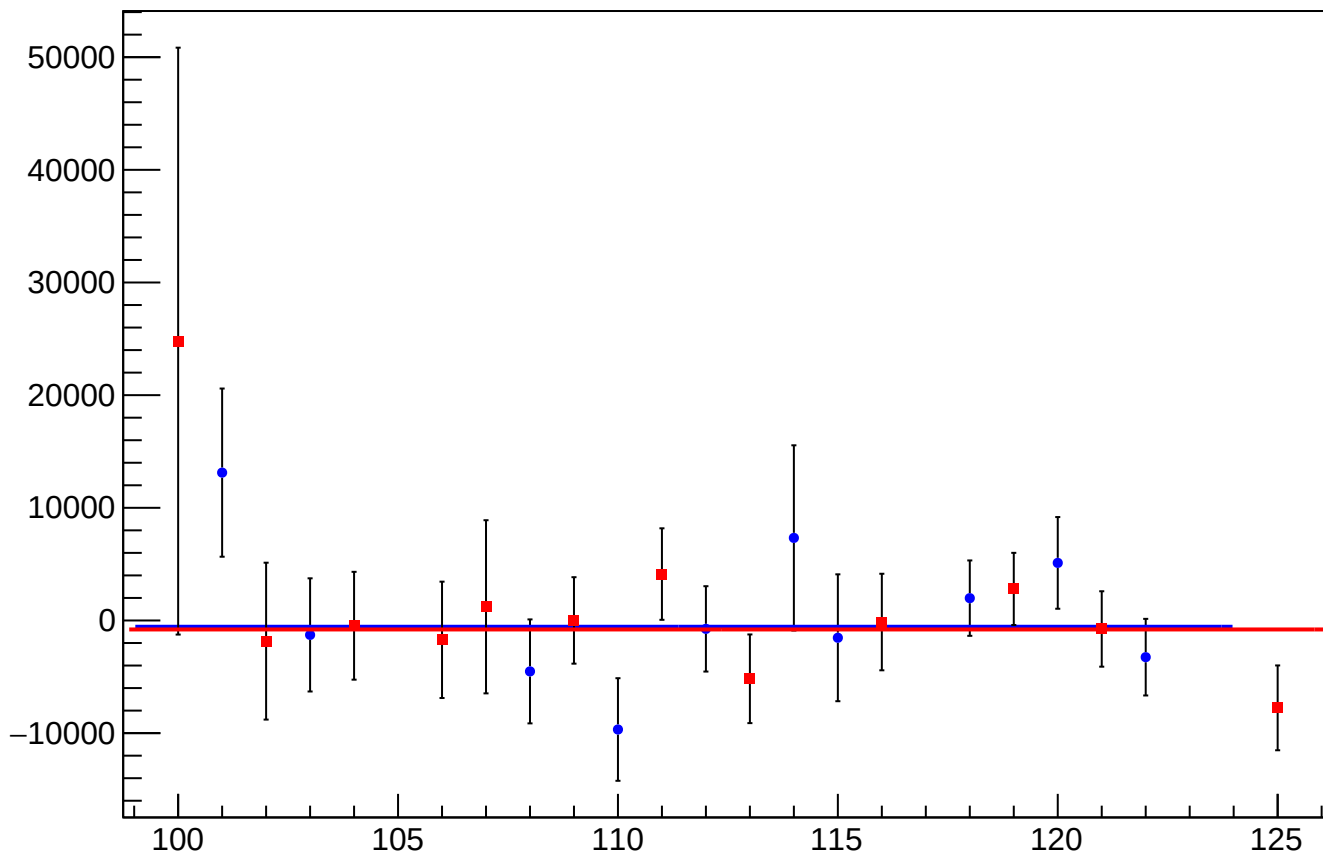
Right: 1656.655+/-0.409 χ^2/NDF : 1491667.9/21

In: 1652.742+/-0.600 χ^2/NDF : 561541.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1656.655+/-0.409 χ^2/NDF : 1491667.9/21

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: -797.589+/-1264.836 χ^2/NDF : 8.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

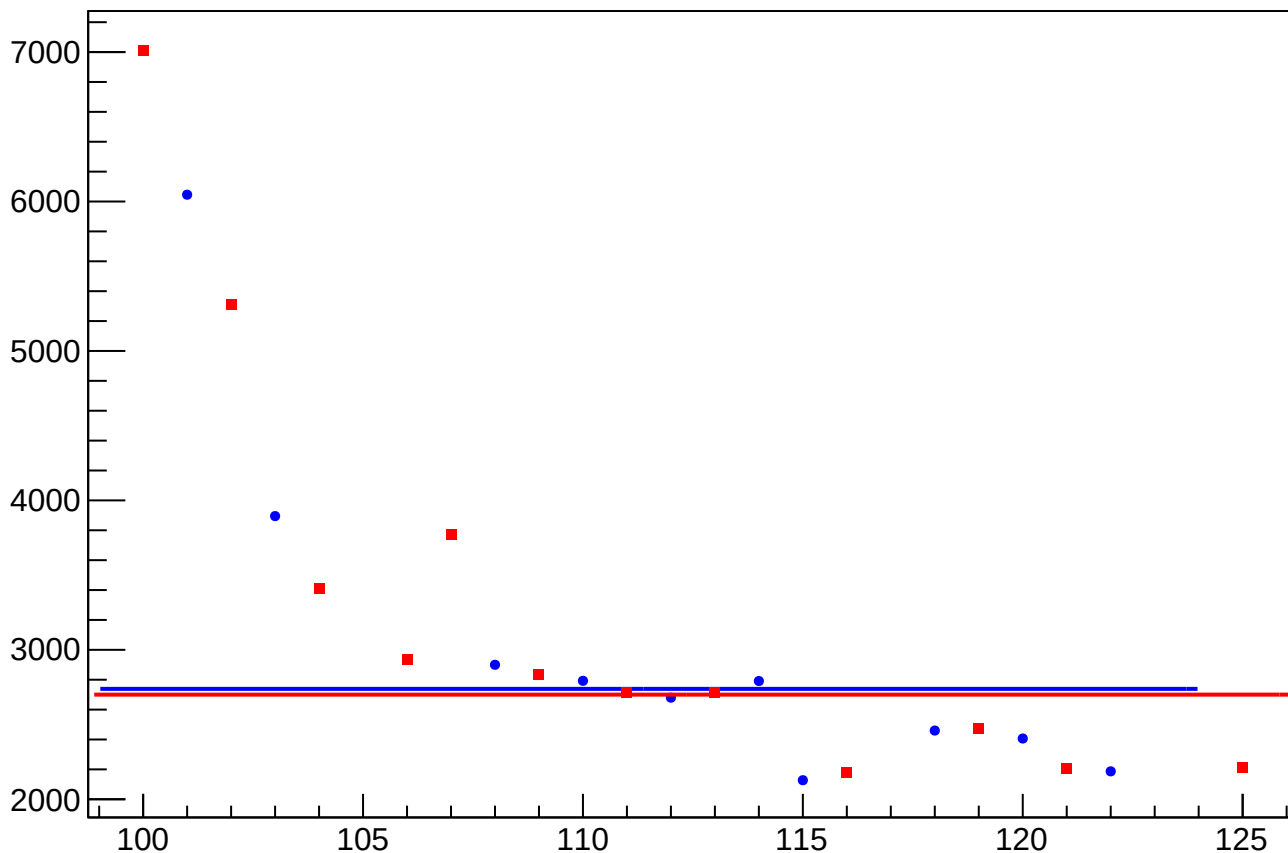
Right: -690.714+/-940.687 χ^2/NDF : 20.8/21

In: -558.430+/-1407.185 χ^2/NDF : 12.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -690.714+/-940.687 χ^2/NDF : 20.8/21

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: 2700.293+/-0.894 χ^2/NDF : 542454.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

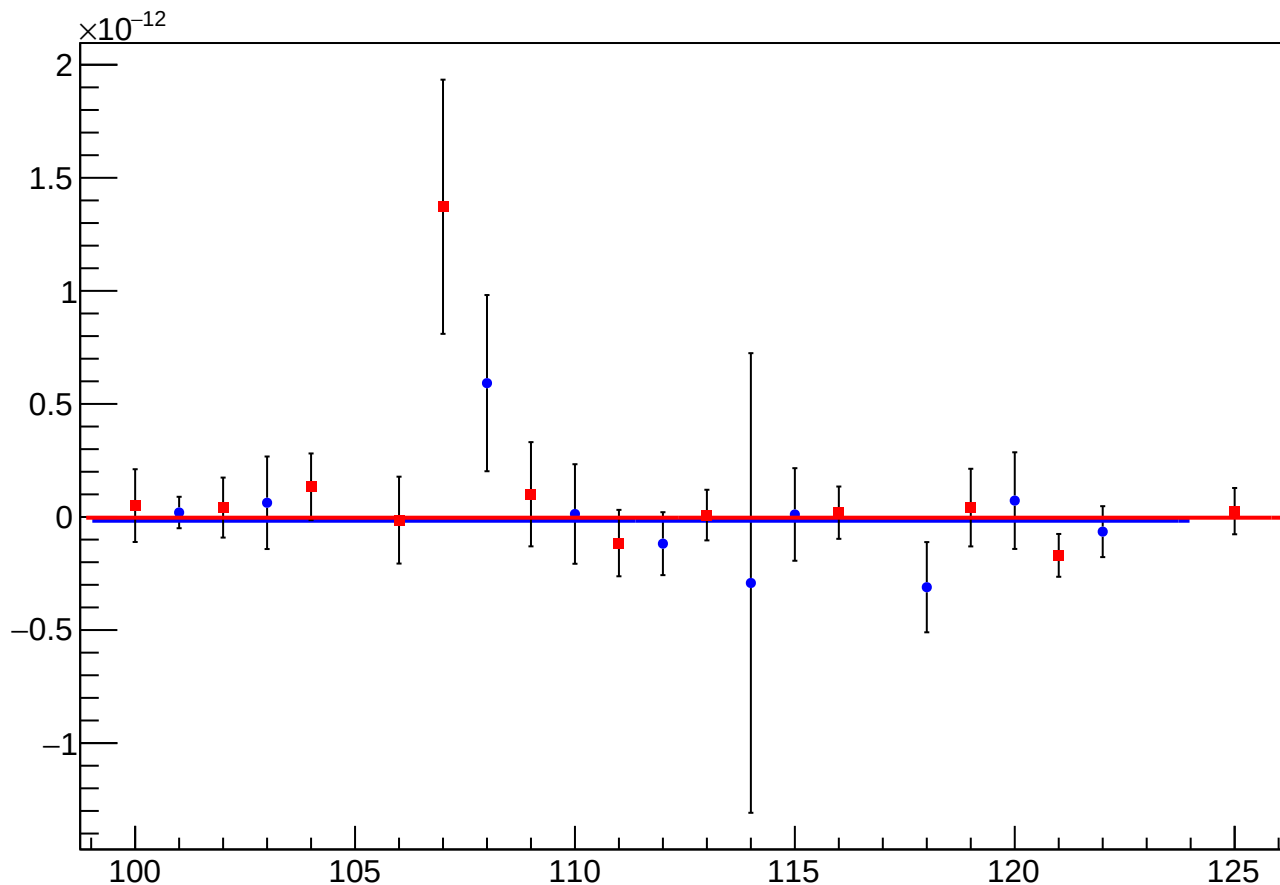
Right: 2717.495+/-0.665 χ^2/NDF : 1148574.0/21

In: 2738.787+/-0.995 χ^2/NDF : 605291.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2717.495+/-0.665 χ^2/NDF : 1148574.0/21

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 : 11.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

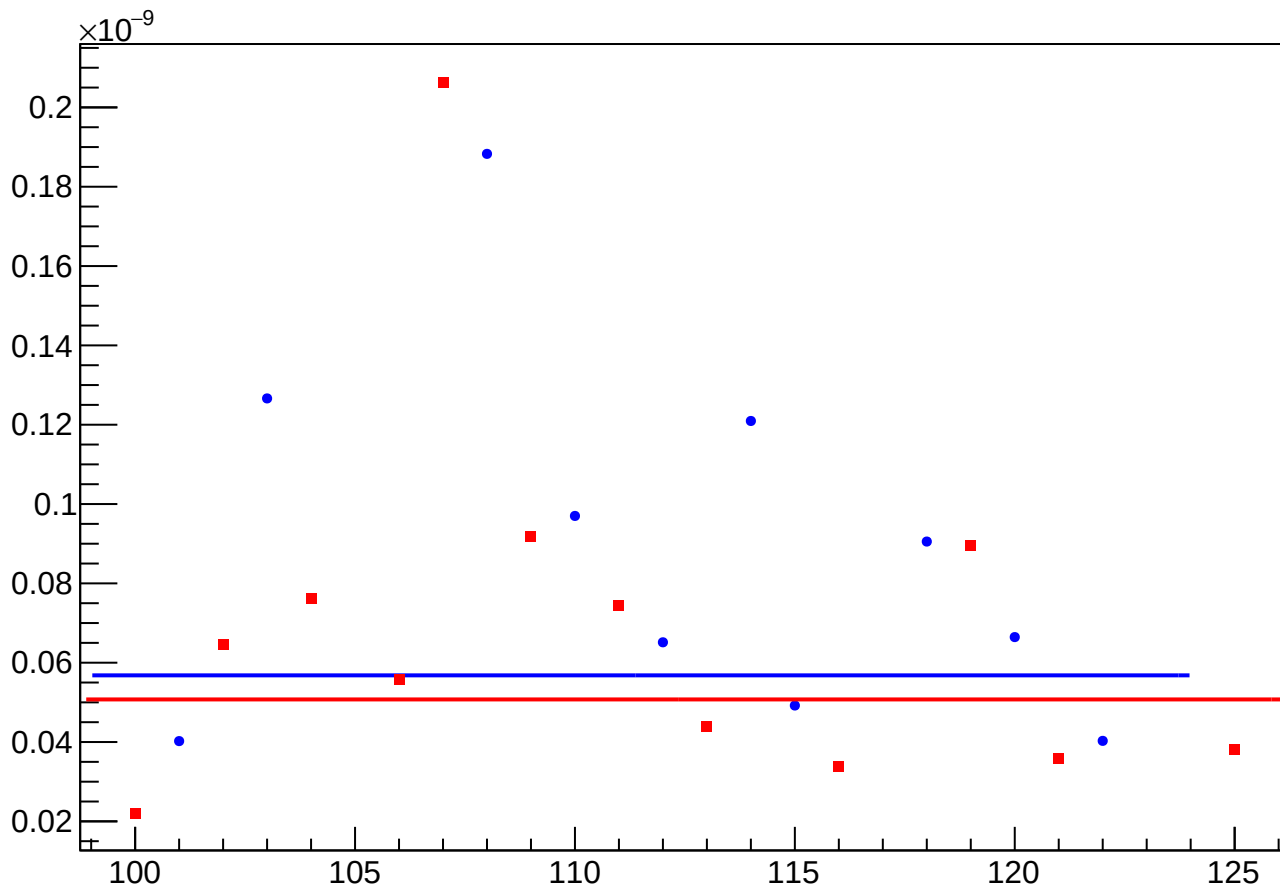
Right: -0.000+/-0.000 χ^2/NDF : 17.2/21

In: -0.000+/-0.000 χ^2/NDF :6.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.2/21

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 : 646765.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

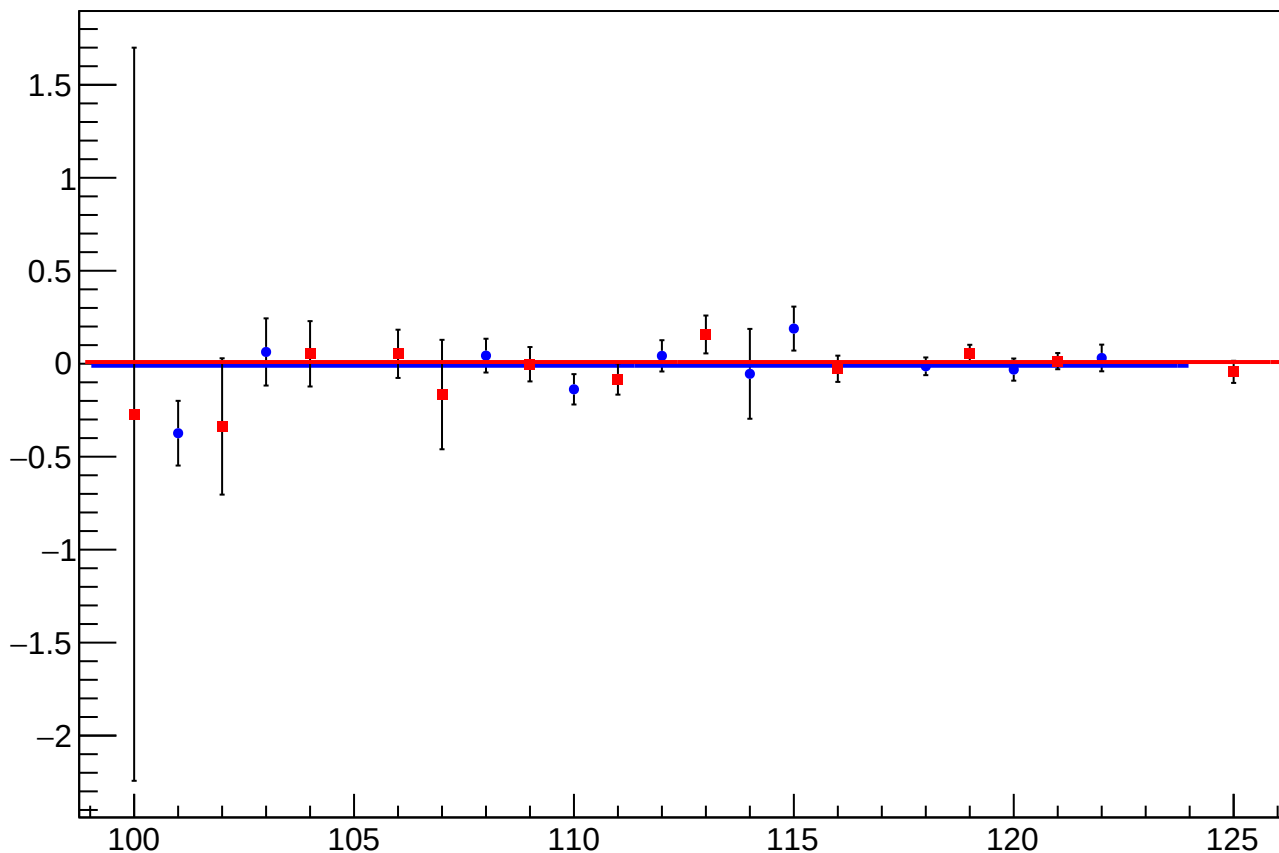
Right: 0.000+/-0.000 χ^2/NDF : 1429589.2/21

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 : 1429589.2/21

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: 0.009+/-0.023 χ^2/NDF : 6.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

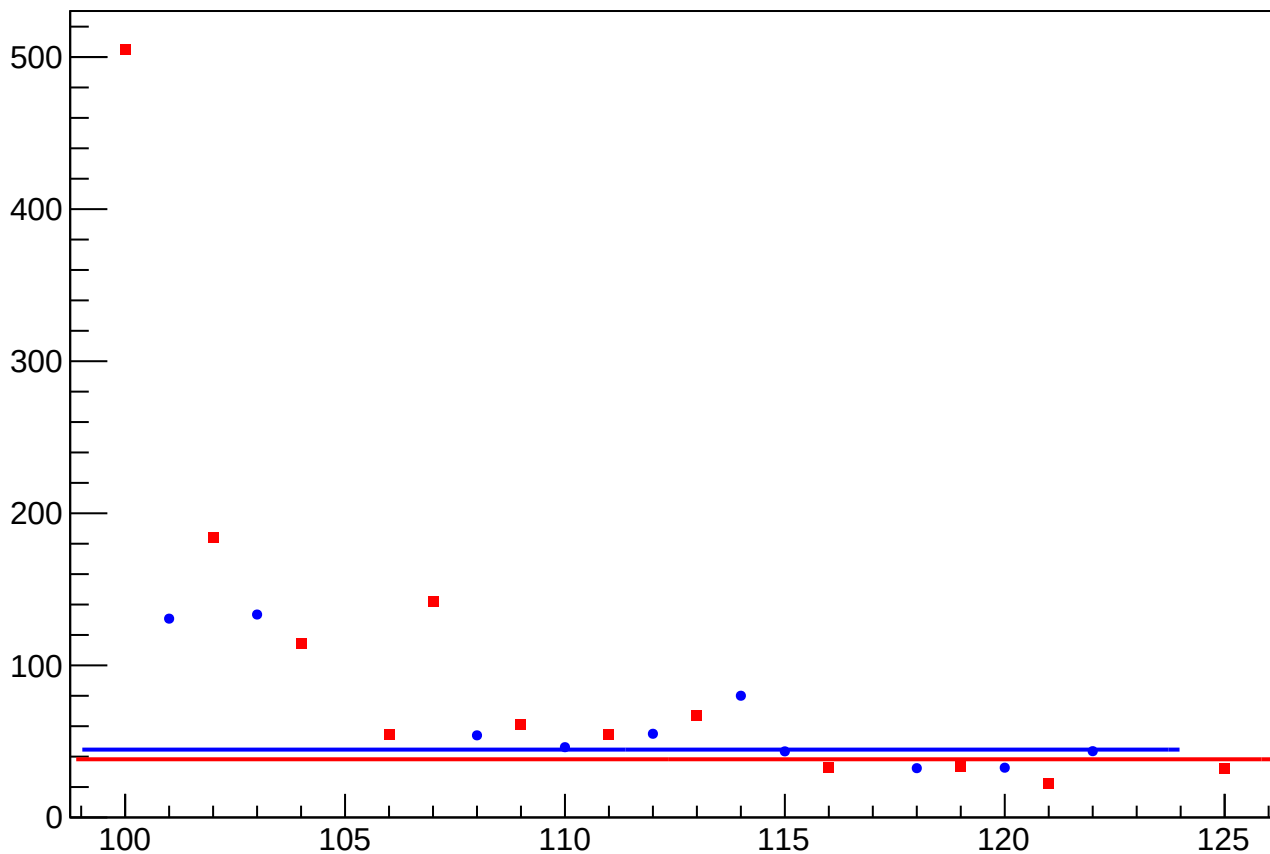
Right: 0.000+/-0.017 χ^2/NDF : 18.1/21

In: -0.011+/-0.026 χ^2/NDF : 11.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.017 χ^2/NDF : 18.1/21

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: 38.252+/-0.016 χ^2/NDF : 1775071.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

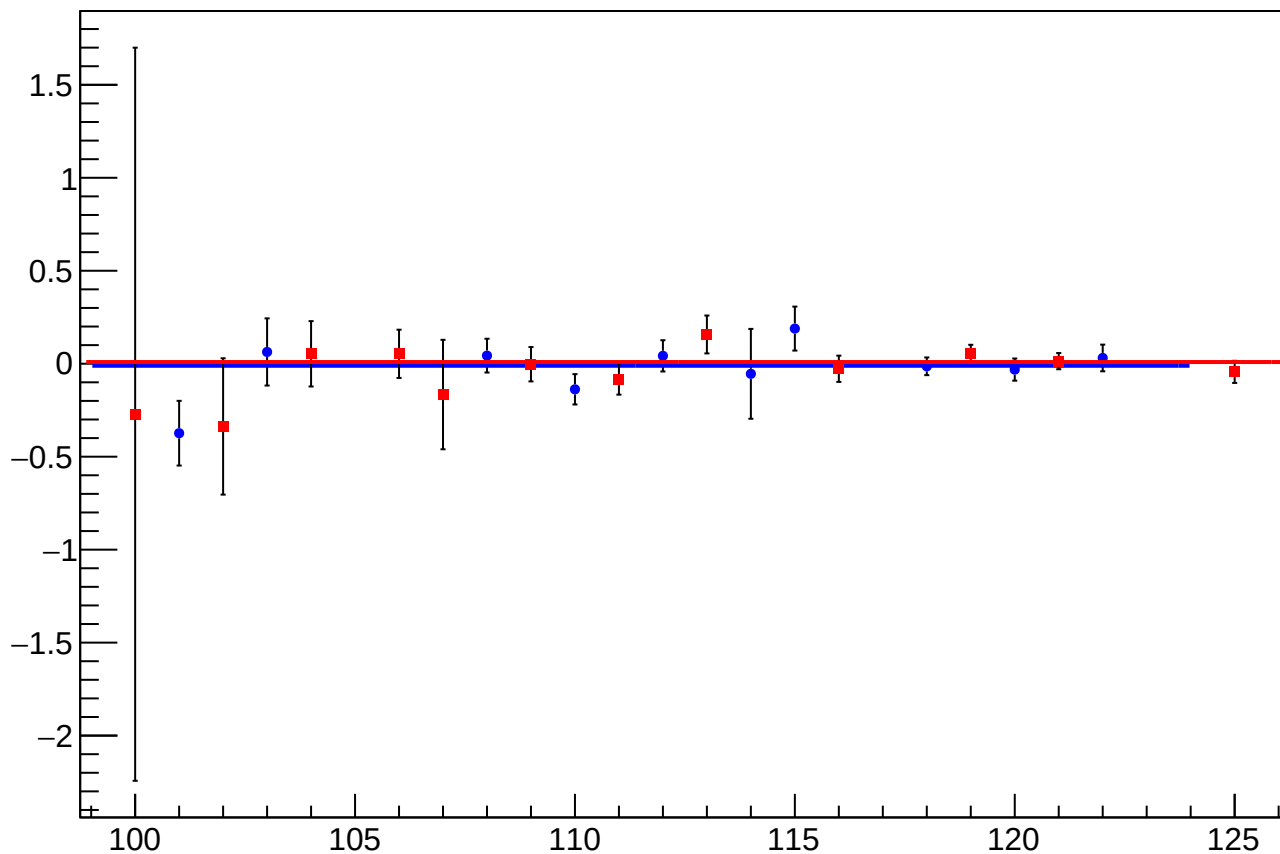
Right: 41.022+/-0.012 χ^2/NDF : 3123612.8/21

In: 44.617+/-0.018 χ^2/NDF : 1280718.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.022+/-0.012 χ^2/NDF : 3123612.8/21

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: 0.009+/-0.023 χ^2 /NDF: 6.8/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

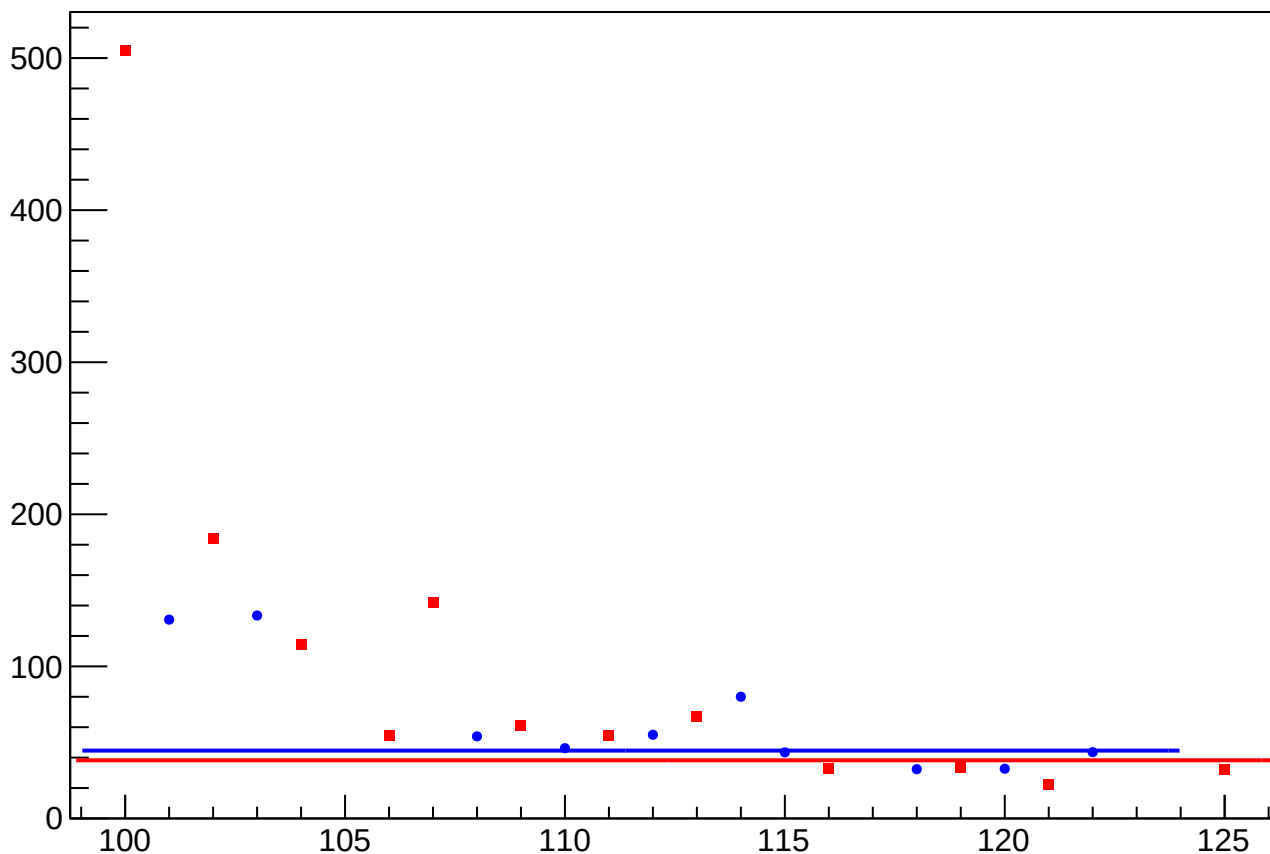
Right: 0.000+/-0.017 χ^2 /NDF: 18.1/21

In: -0.011+/-0.026 χ^2 /NDF:11.0/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.017 χ^2 /NDF: 18.1/21

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: 38.252+/-0.016 χ^2/NDF : 1775071.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

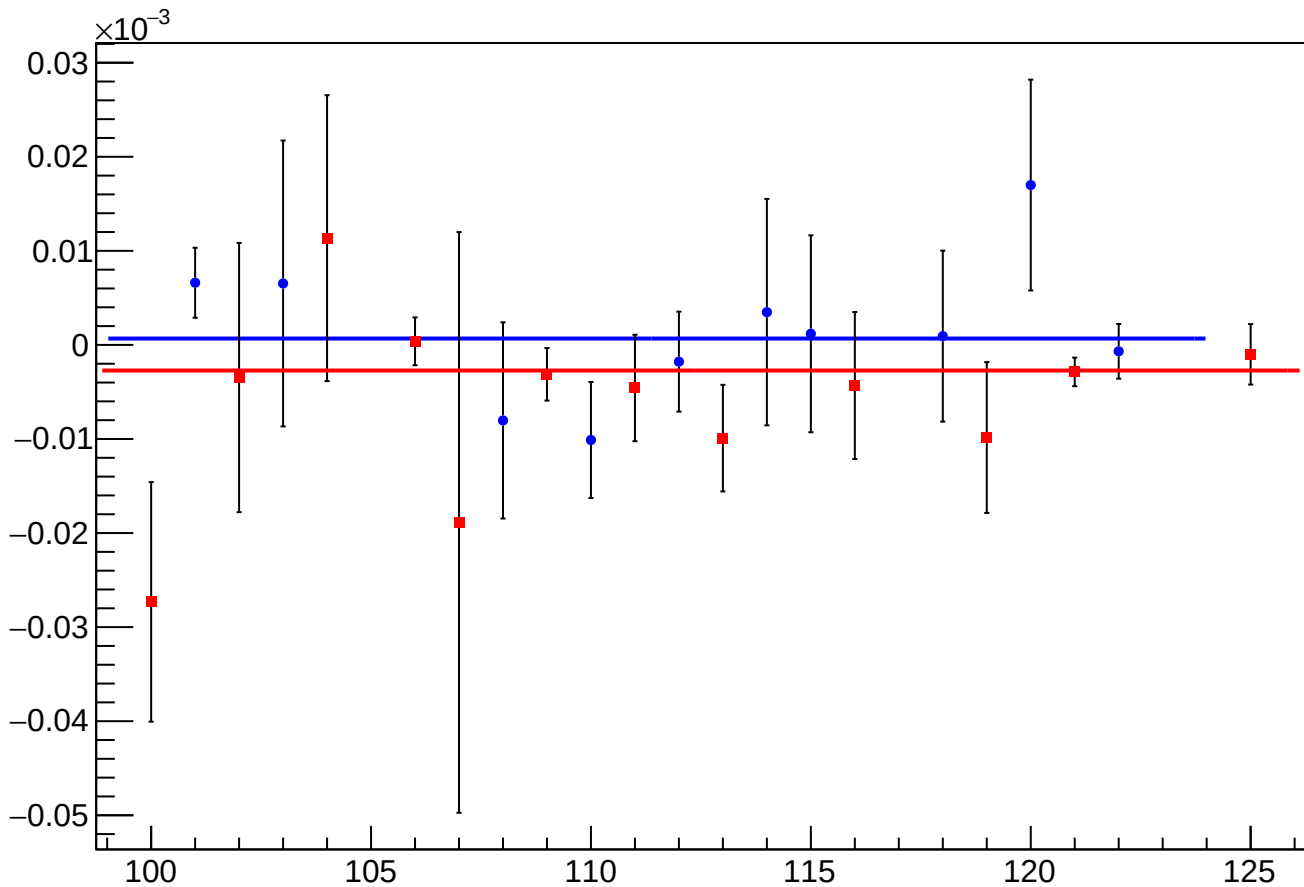
Right: 41.022+/-0.012 χ^2/NDF : 3123612.8/21

In: 44.617+/-0.018 χ^2/NDF : 1280718.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.022+/-0.012 χ^2/NDF : 3123612.8/21

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.2/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

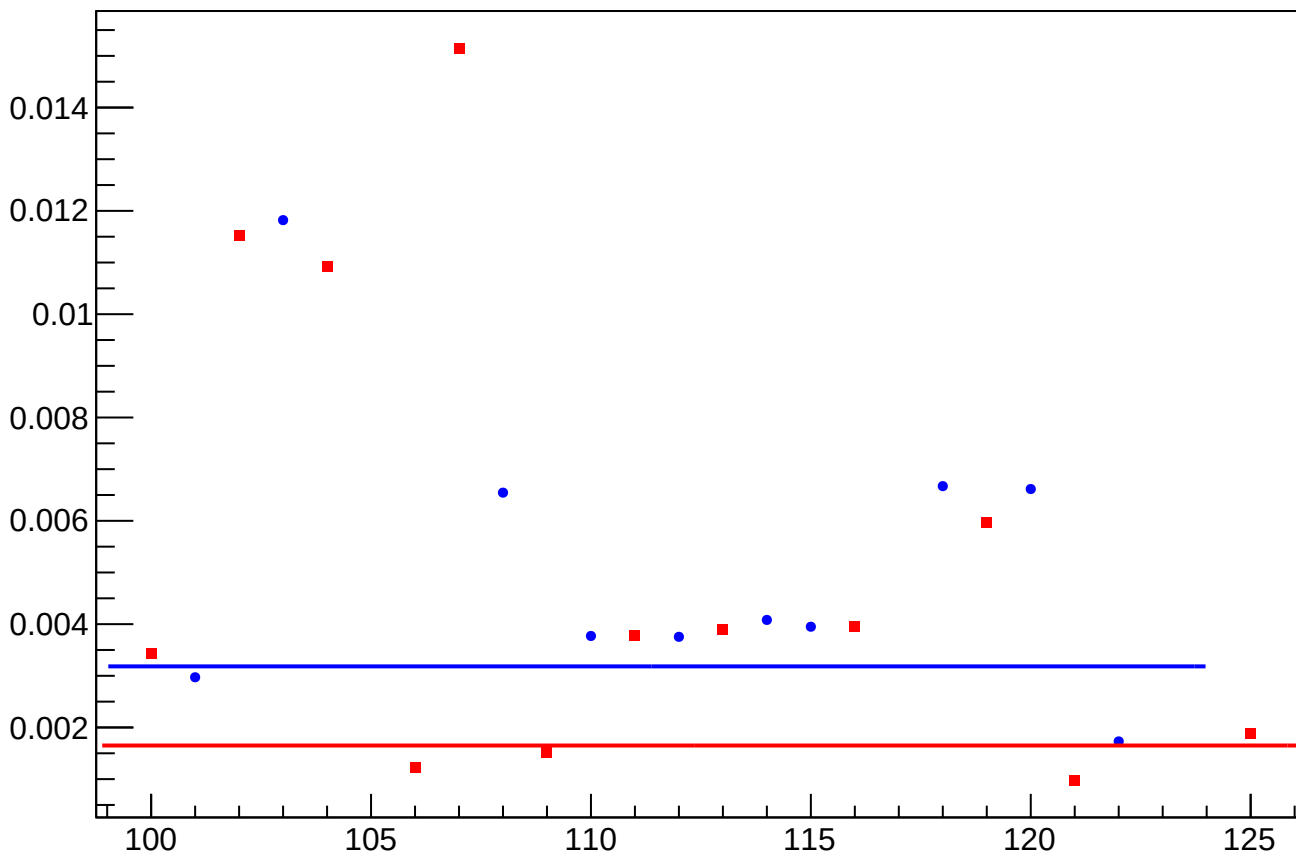
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 20.9/21

In: 0.000 $\pm$ 0.000 χ^2 /NDF:9.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 20.9/21

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 : 3941241.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

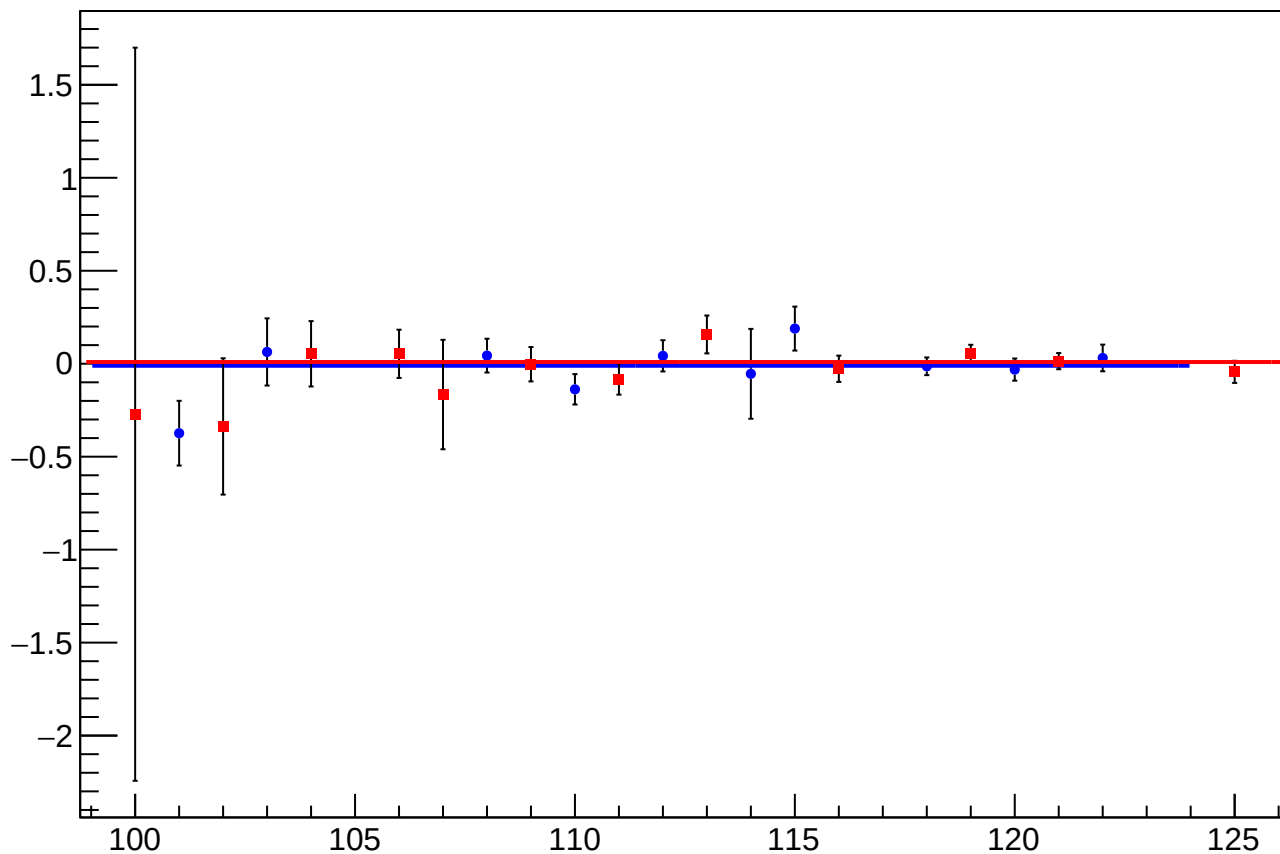
Right: 0.002+/-0.000 χ^2/NDF : 6913194.6/21

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 : 6913194.6/21

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011+/-0.026 χ^2/NDF : 11.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.009+/-0.023 χ^2/NDF : 6.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

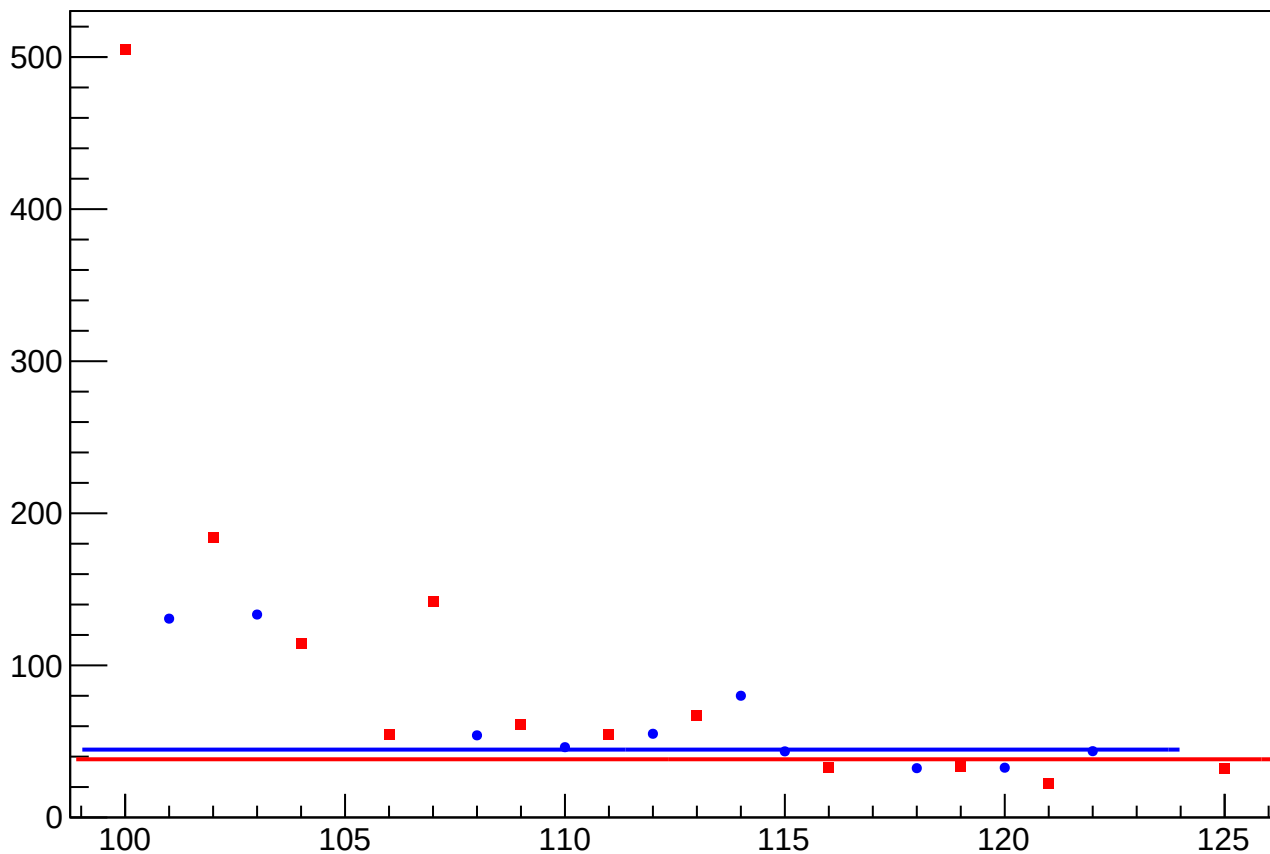
Right: 0.000+/-0.017 χ^2/NDF : 18.1/21

In: -0.011+/-0.026 χ^2/NDF :11.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.017 χ^2/NDF : 18.1/21

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: 38.252+/-0.016 χ^2/NDF : 1774995.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

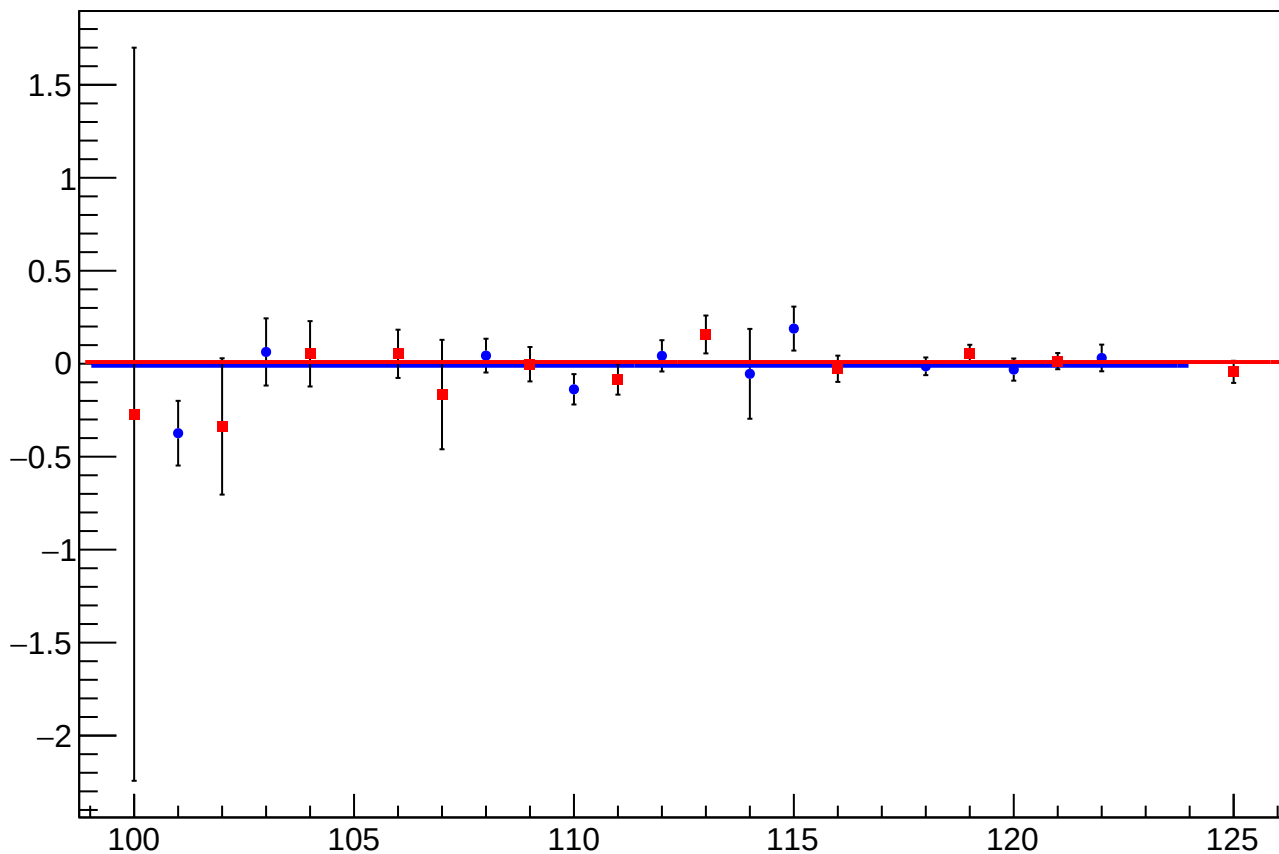
Right: 41.022+/-0.012 χ^2/NDF : 3123452.4/21

In: 44.617+/-0.018 χ^2/NDF : 1280618.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.022+/-0.012 χ^2/NDF : 3123452.4/21

asym_us_dd_at1lr_dd_dd_eigen_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: 0.009+/-0.023 χ^2/NDF : 6.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

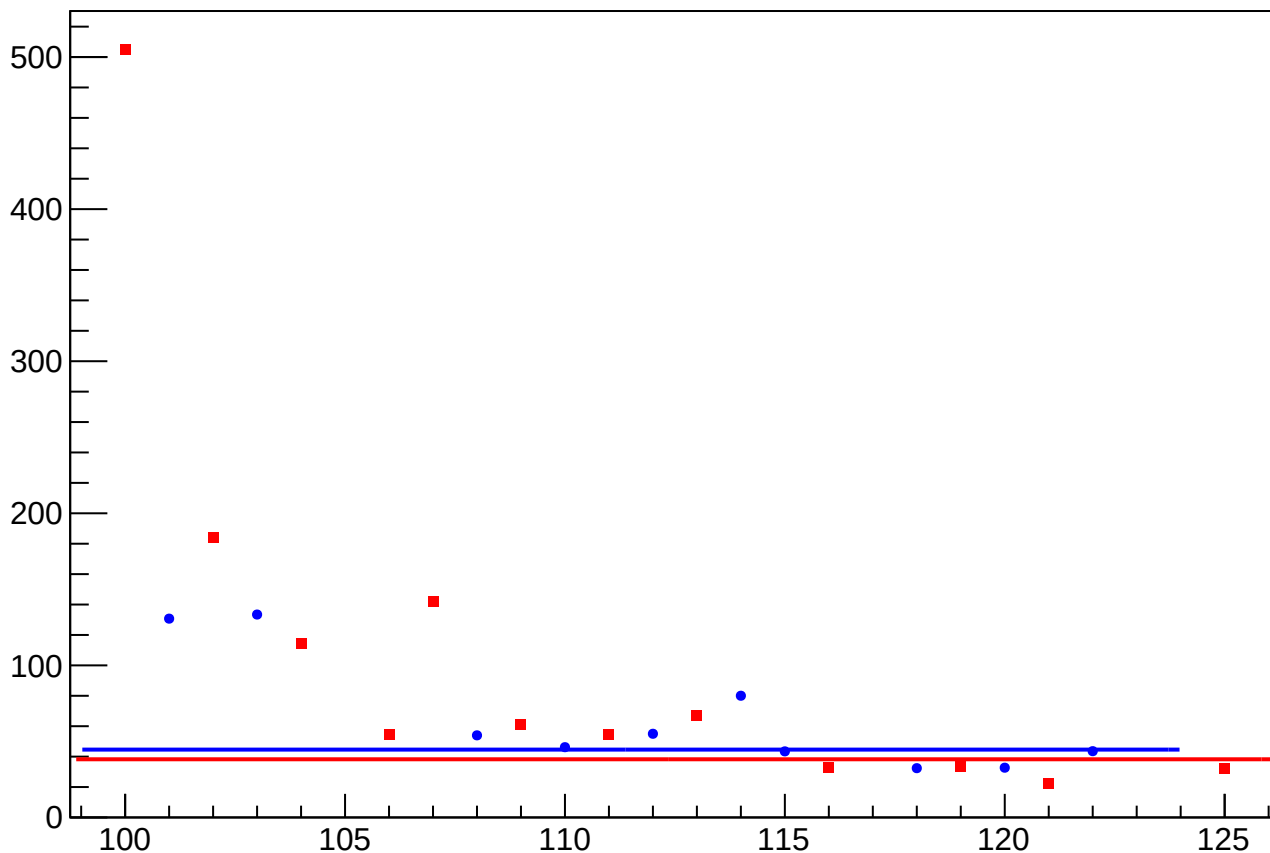
Right: 0.000+/-0.017 χ^2/NDF : 18.1/21

In: -0.011+/-0.026 χ^2/NDF : 11.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.017 χ^2/NDF : 18.1/21

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.617 $\pm$ 0.018 χ^2 /NDF: 1280618.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 38.252 $\pm$ 0.016 χ^2 /NDF: 1774995.9/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

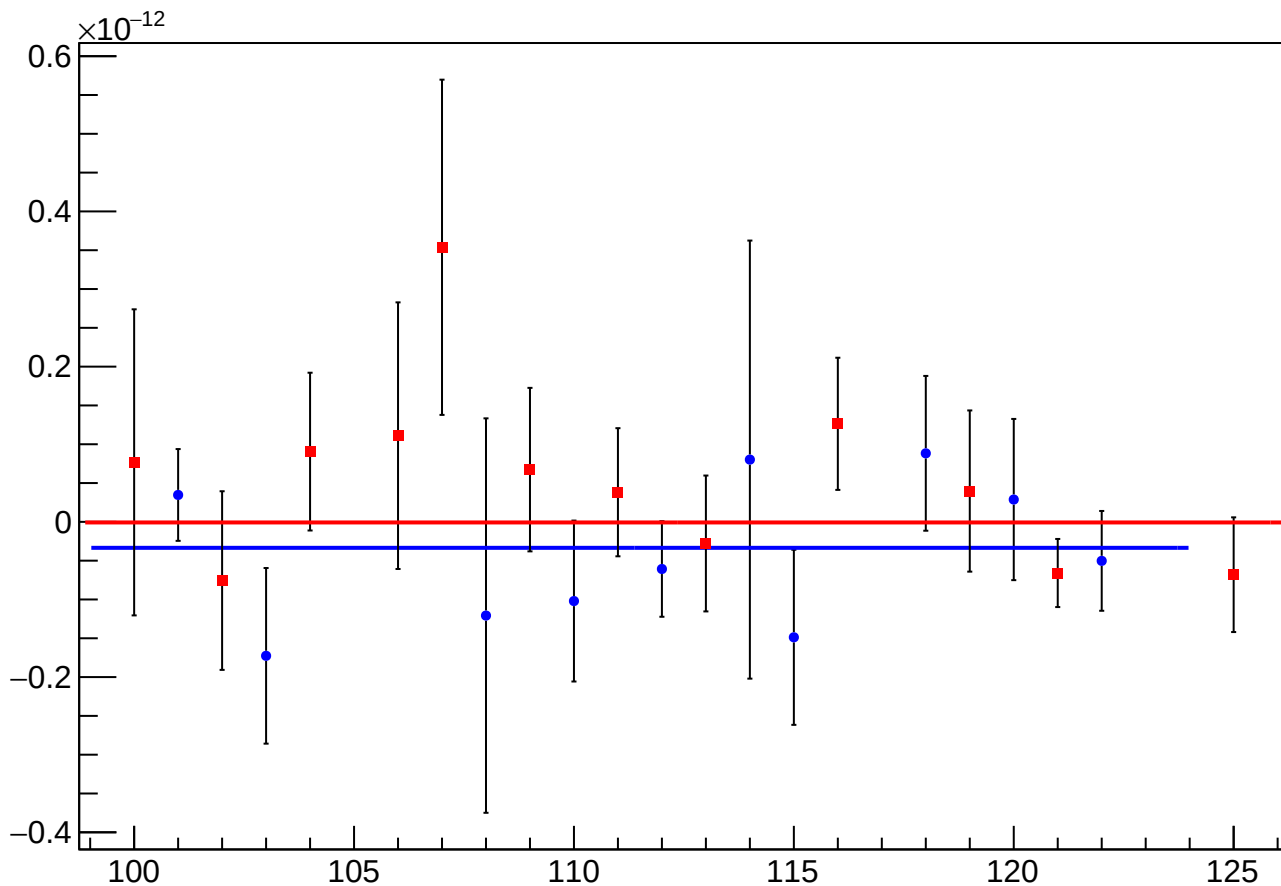
Right: 41.022 $\pm$ 0.012 χ^2 /NDF: 3123452.4/21

In: 44.617 $\pm$ 0.018 χ^2 /NDF: 1280618.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 41.022 $\pm$ 0.012 χ^2 /NDF: 3123452.4/21

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 : 10.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

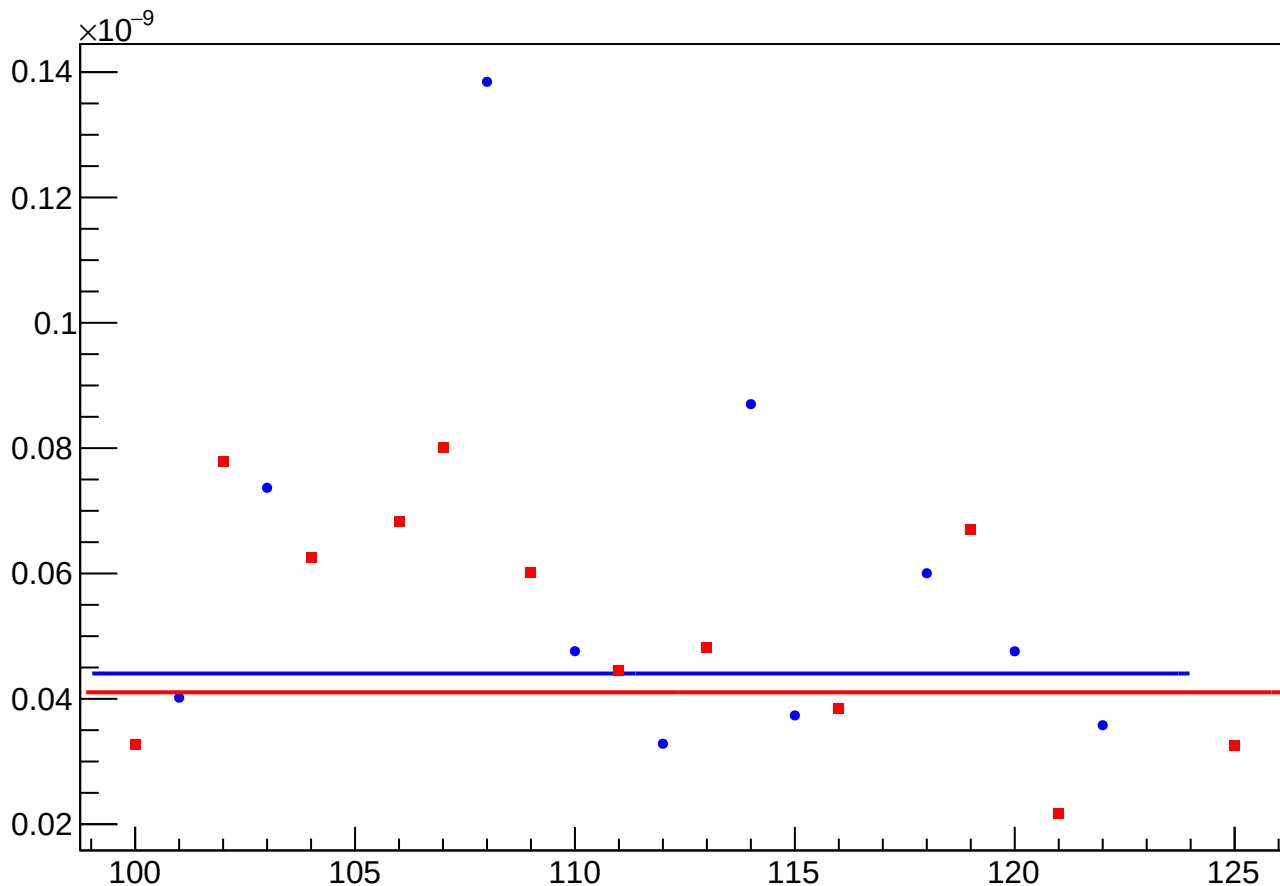
Right: -0.000+/-0.000 χ^2/NDF : 18.1/21

In: -0.000+/-0.000 χ^2/NDF :6.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.1/21

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 : 1037754.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

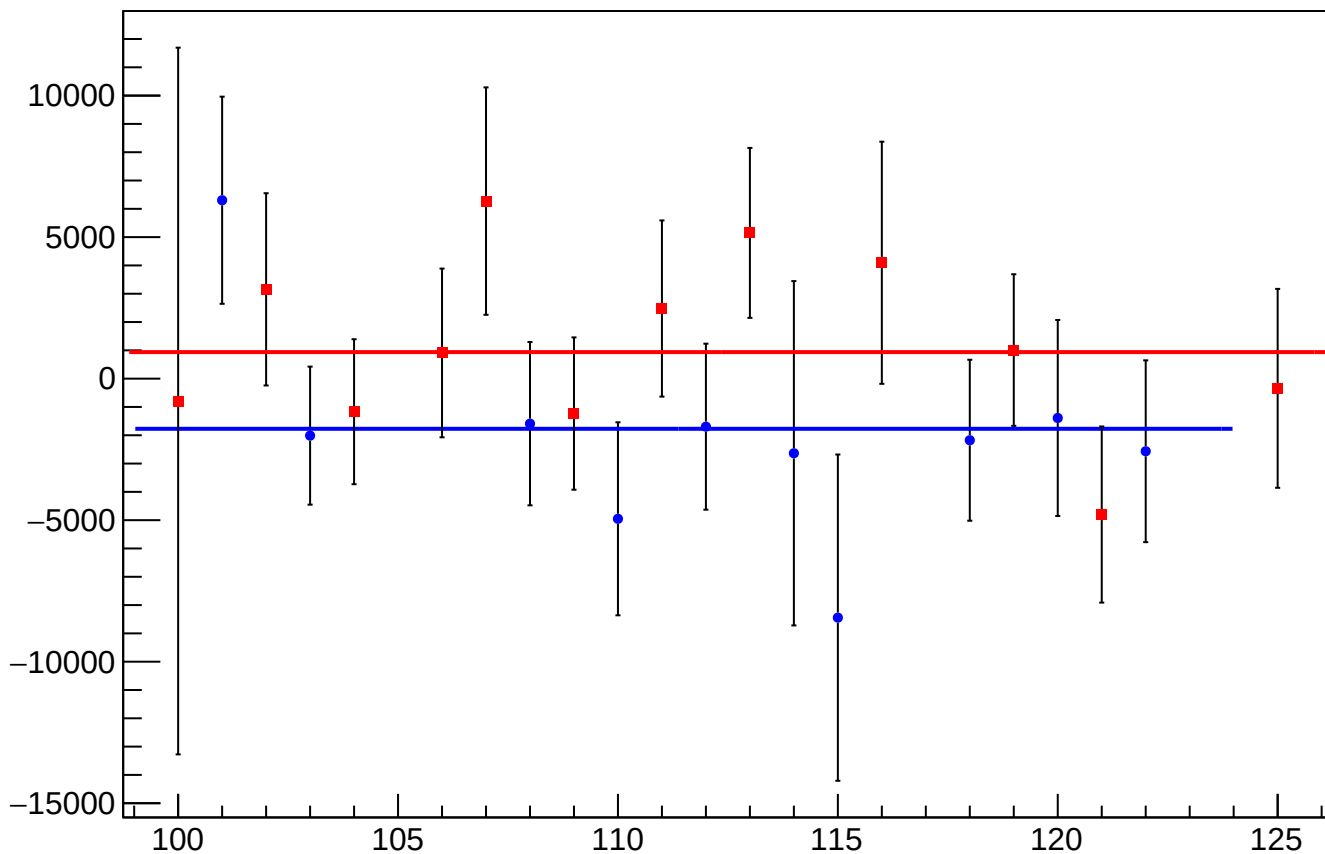
Right: 0.000+/-0.000 χ^2/NDF : 1680782.0/21

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 : 1680782.0/21

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: 937.947 ± 932.157 χ^2/NDF : 9.8/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

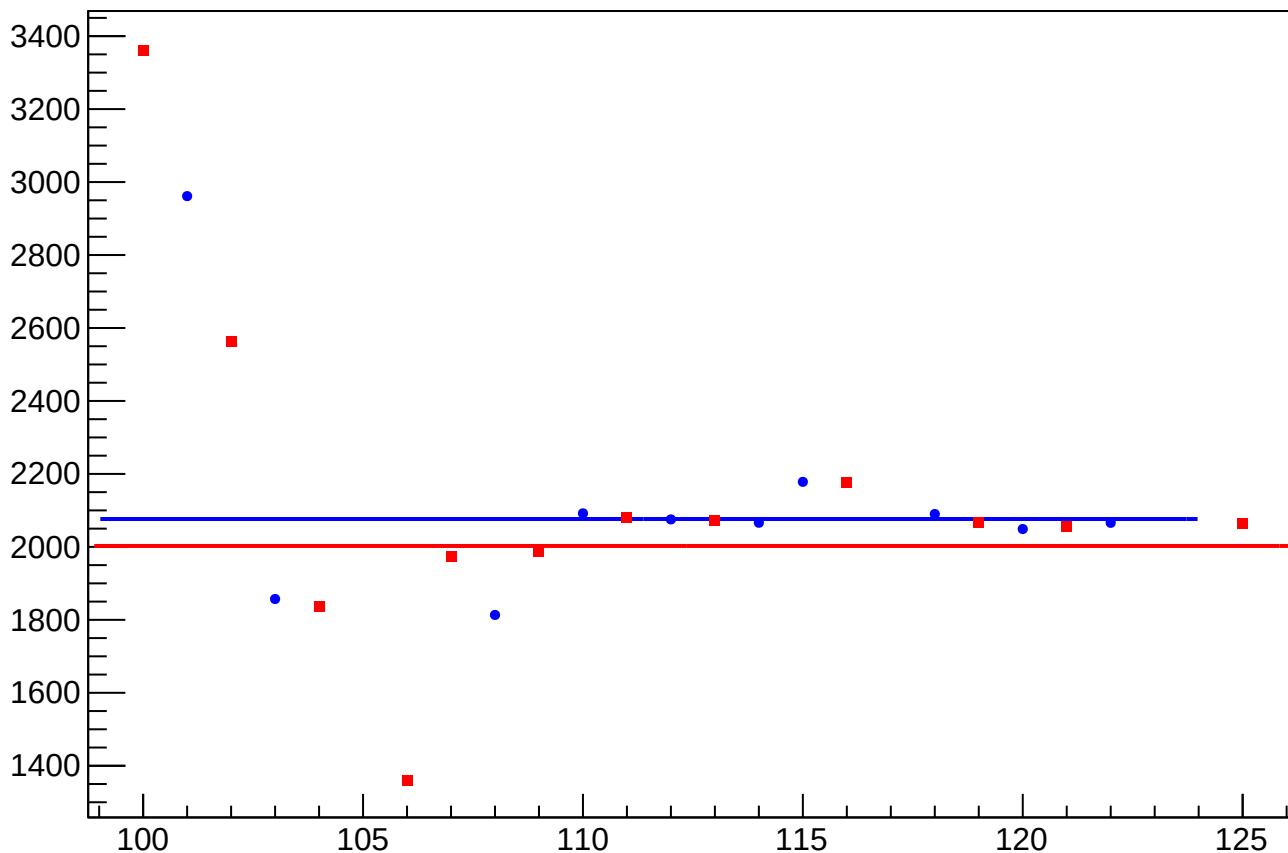
Right: -270.502 ± 693.834 χ^2/NDF : 20.8/21

In: -1771.764 ± 1038.970 χ^2/NDF : 7.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -270.502 ± 693.834 χ^2/NDF : 20.8/21

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: 2002.522+/-0.659 χ^2/NDF : 187214.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

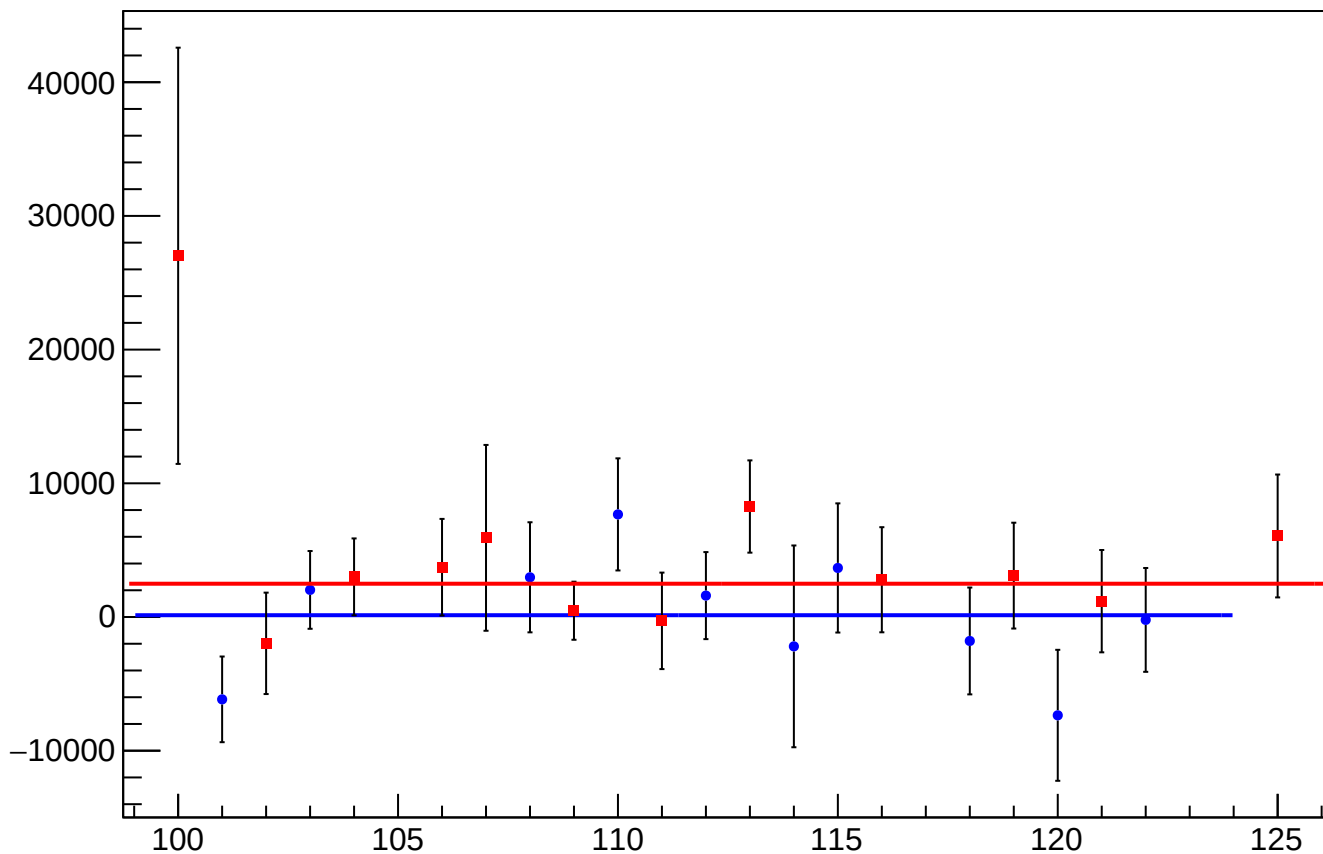
Right: 2035.479+/-0.491 χ^2/NDF : 343464.5/21

In: 2076.422+/-0.735 χ^2/NDF : 150643.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2035.479+/-0.491 χ^2/NDF : 343464.5/21

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: 2489.539+/-1048.972 χ^2/NDF : 9.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

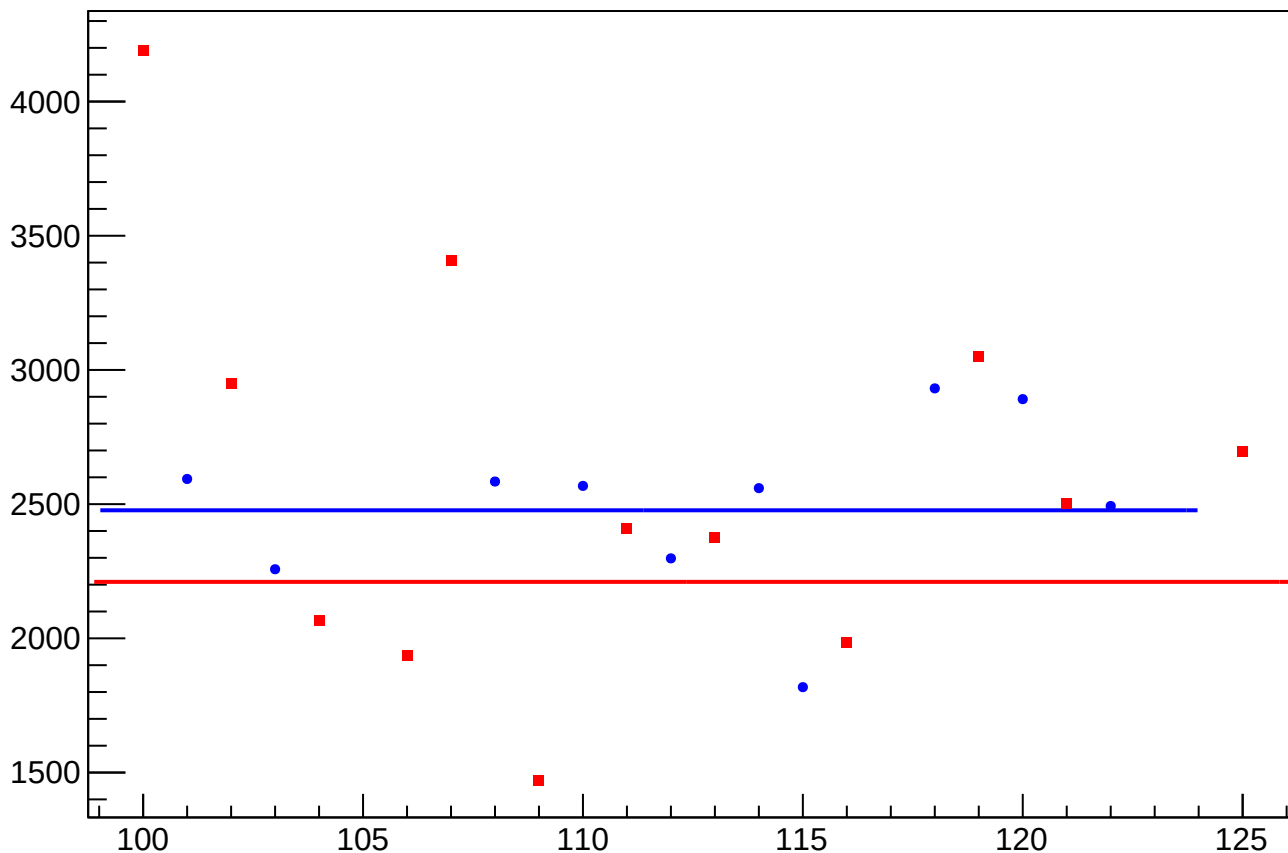
Right: 1501.207+/-799.157 χ^2/NDF : 22.8/21

In: 134.057+/-1233.731 χ^2/NDF : 11.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1501.207+/-799.157 χ^2/NDF : 22.8/21

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: 2210.439+/-0.742 χ^2/NDF : 557416.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

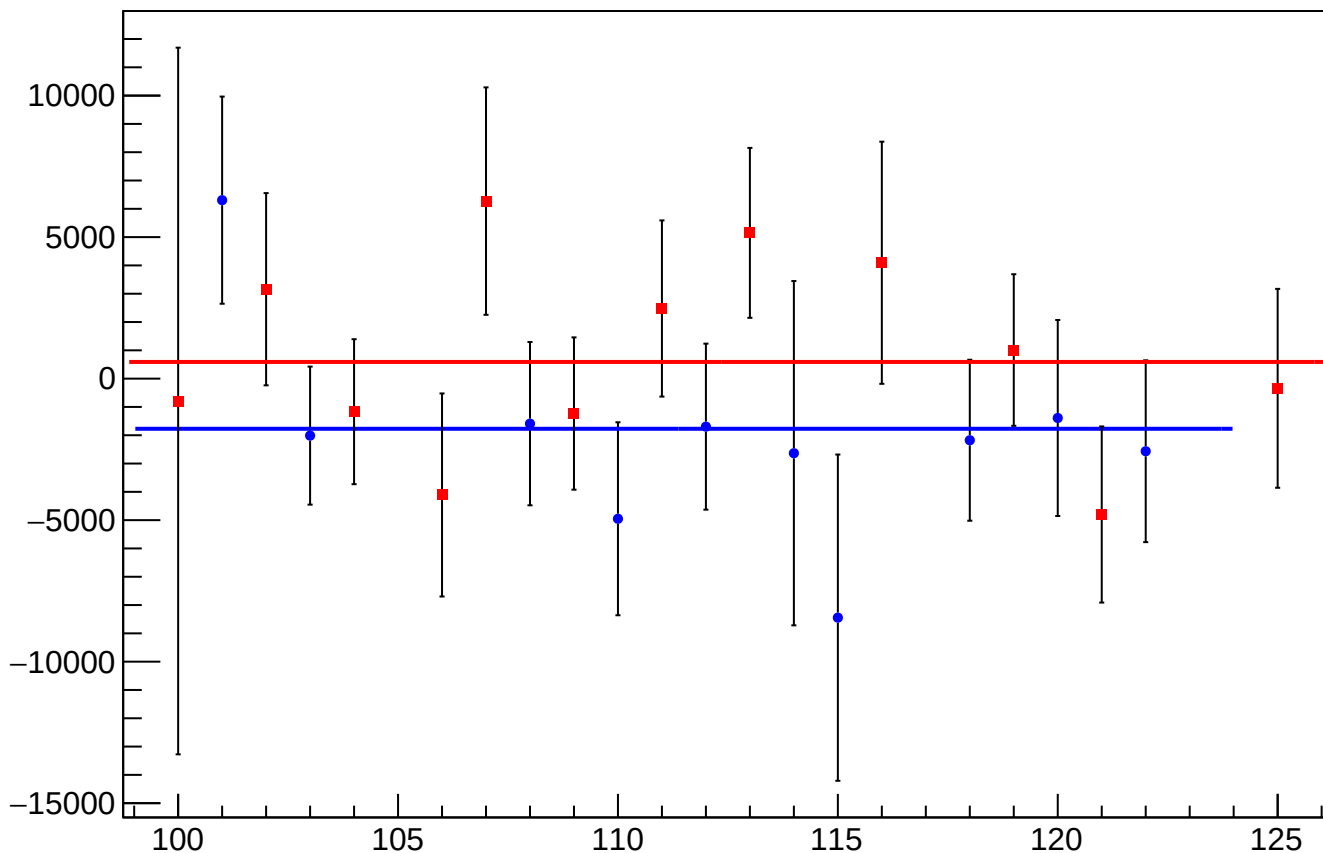
Right: 2322.322+/-0.565 χ^2/NDF : 711694.0/21

In: 2477.090+/-0.872 χ^2/NDF : 100051.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2322.322+/-0.565 χ^2/NDF : 711694.0/21

cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1771.598 $\pm$ 1038.971 χ^2 /NDF: 7.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 589.729 $\pm$ 946.622 χ^2 /NDF: 11.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

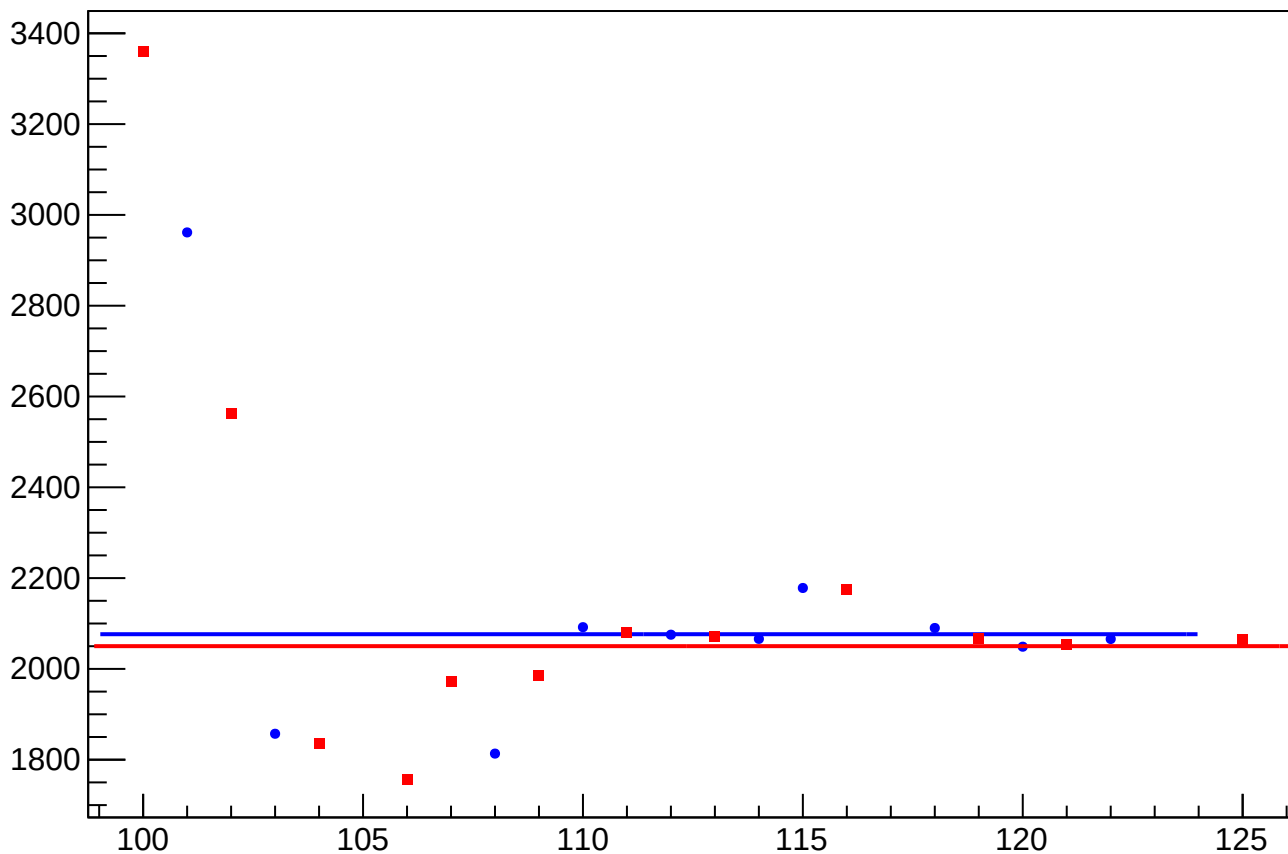
Right: -481.348 $\pm$ 699.738 χ^2 /NDF: 21.7/21

In: -1771.598 $\pm$ 1038.971 χ^2 /NDF:7.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -481.348 $\pm$ 699.738 χ^2 /NDF: 21.7/21

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: 2050.110+/-0.669 χ^2/NDF : 98874.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

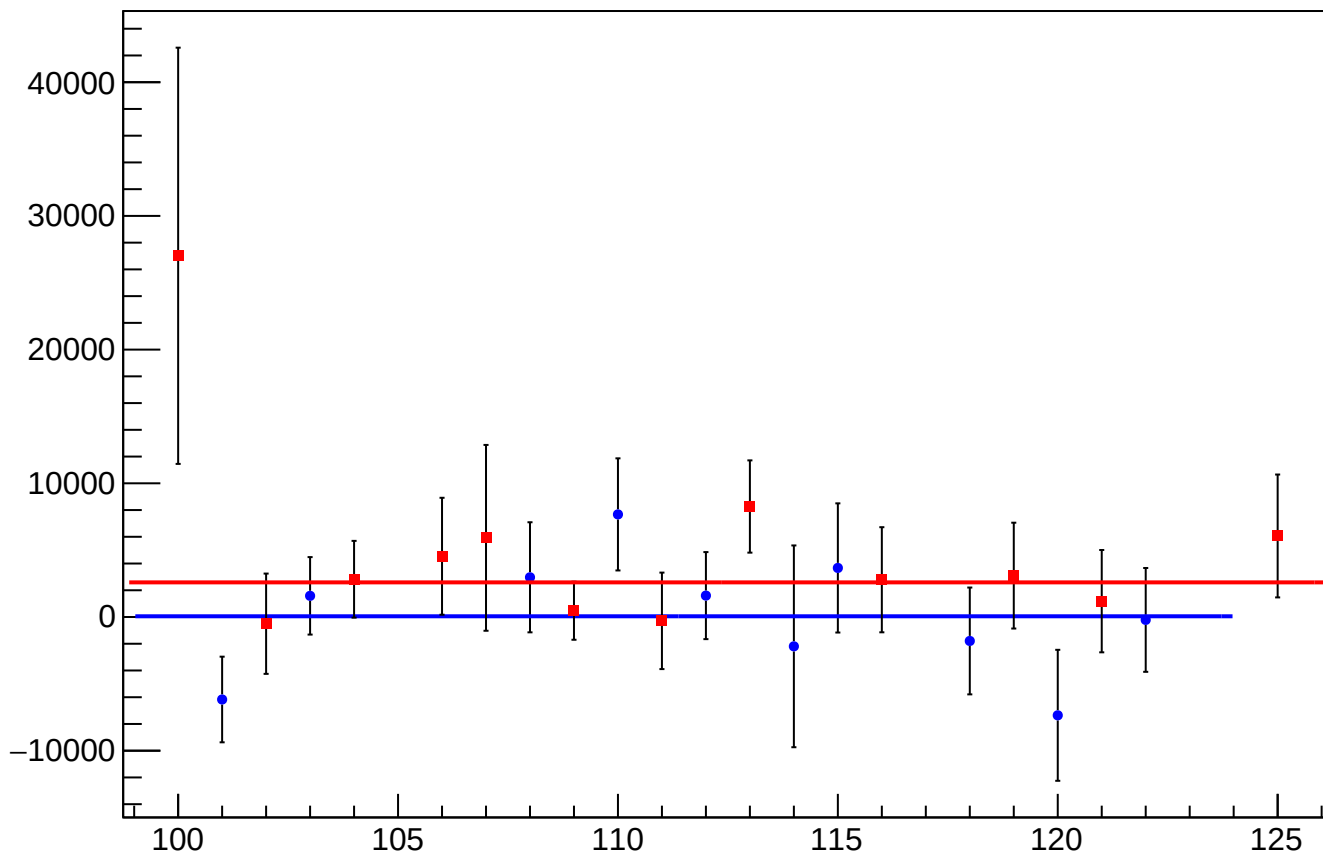
Right: 2062.045+/-0.495 χ^2/NDF : 250219.0/21

In: 2076.422+/-0.735 χ^2/NDF : 150643.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2062.045+/-0.495 χ^2/NDF : 250219.0/21

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: 2590.152+/-1061.993 χ^2/NDF : 8.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

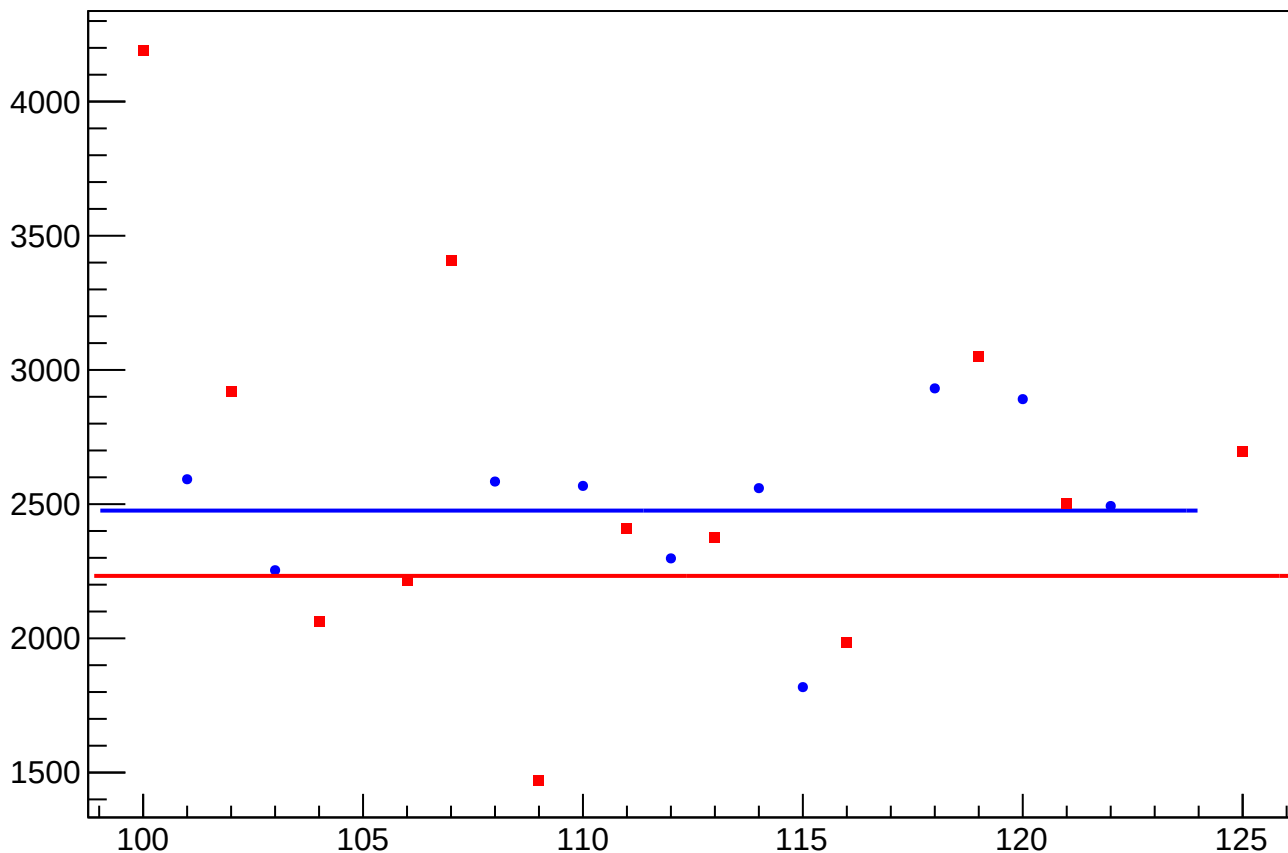
Right: 1509.832+/-804.631 χ^2/NDF : 22.3/21

In: 53.888+/-1232.872 χ^2/NDF : 11.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1509.832+/-804.631 χ^2/NDF : 22.3/21

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: 2232.698+/-0.751 χ^2/NDF : 541048.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

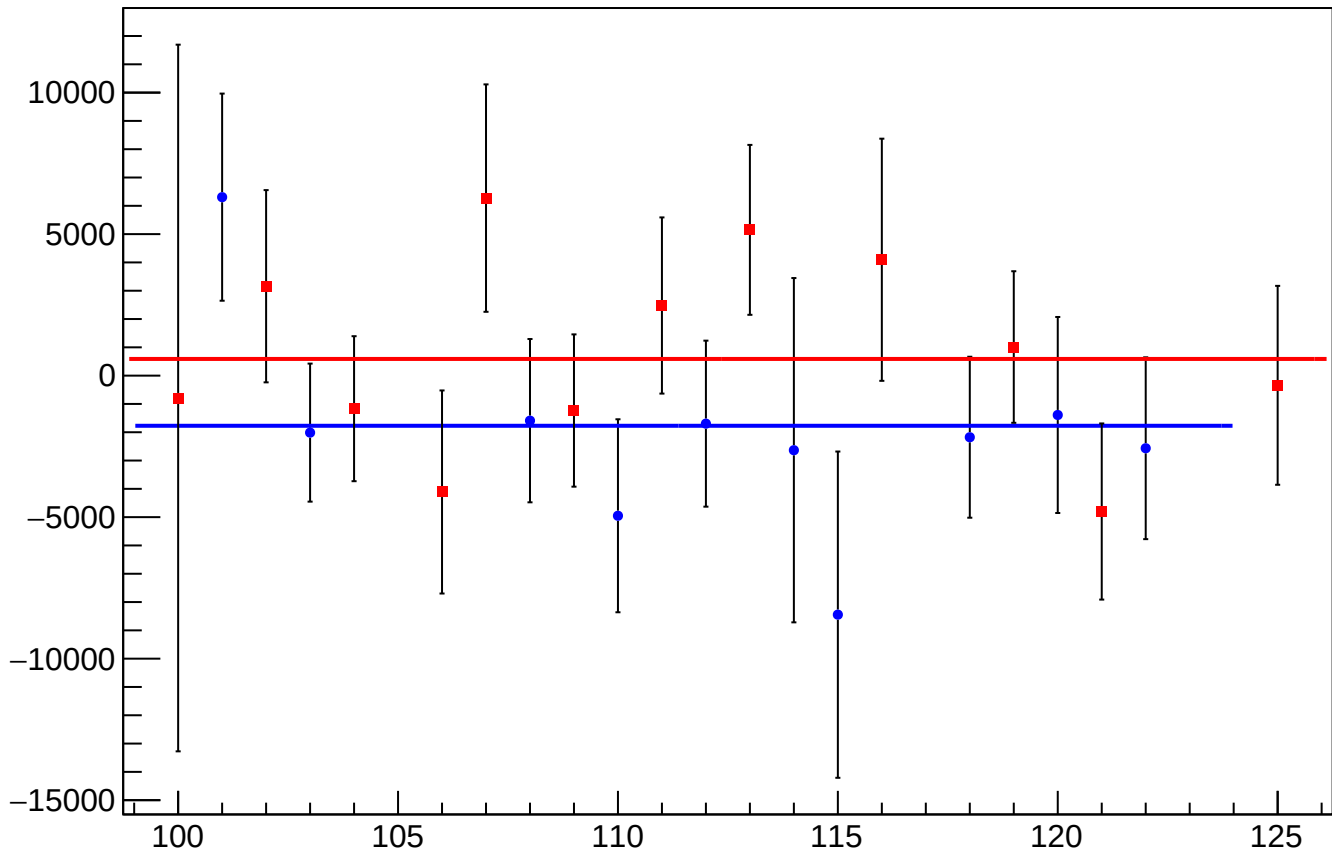
Right: 2336.338+/-0.569 χ^2/NDF : 686222.6/21

In: 2476.012+/-0.872 χ^2/NDF : 100456.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2336.338+/-0.569 χ^2/NDF : 686222.6/21

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: 589.729+/-946.622 χ^2/NDF : 11.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

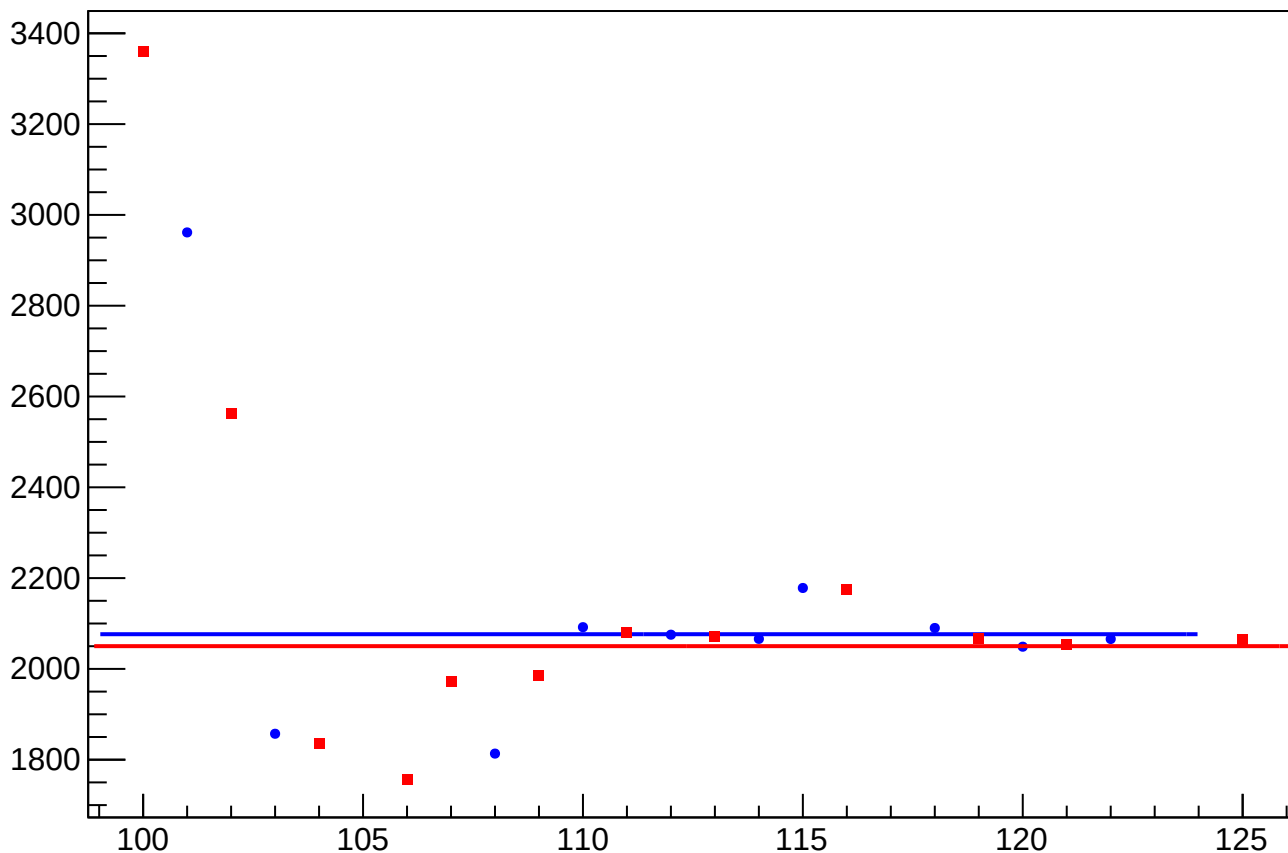
Right: -481.348+/-699.738 χ^2/NDF : 21.7/21

In: -1771.598+/-1038.971 χ^2/NDF : 7.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -481.348+/-699.738 χ^2/NDF : 21.7/21

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: 2050.110+/-0.669 χ^2/NDF : 98874.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

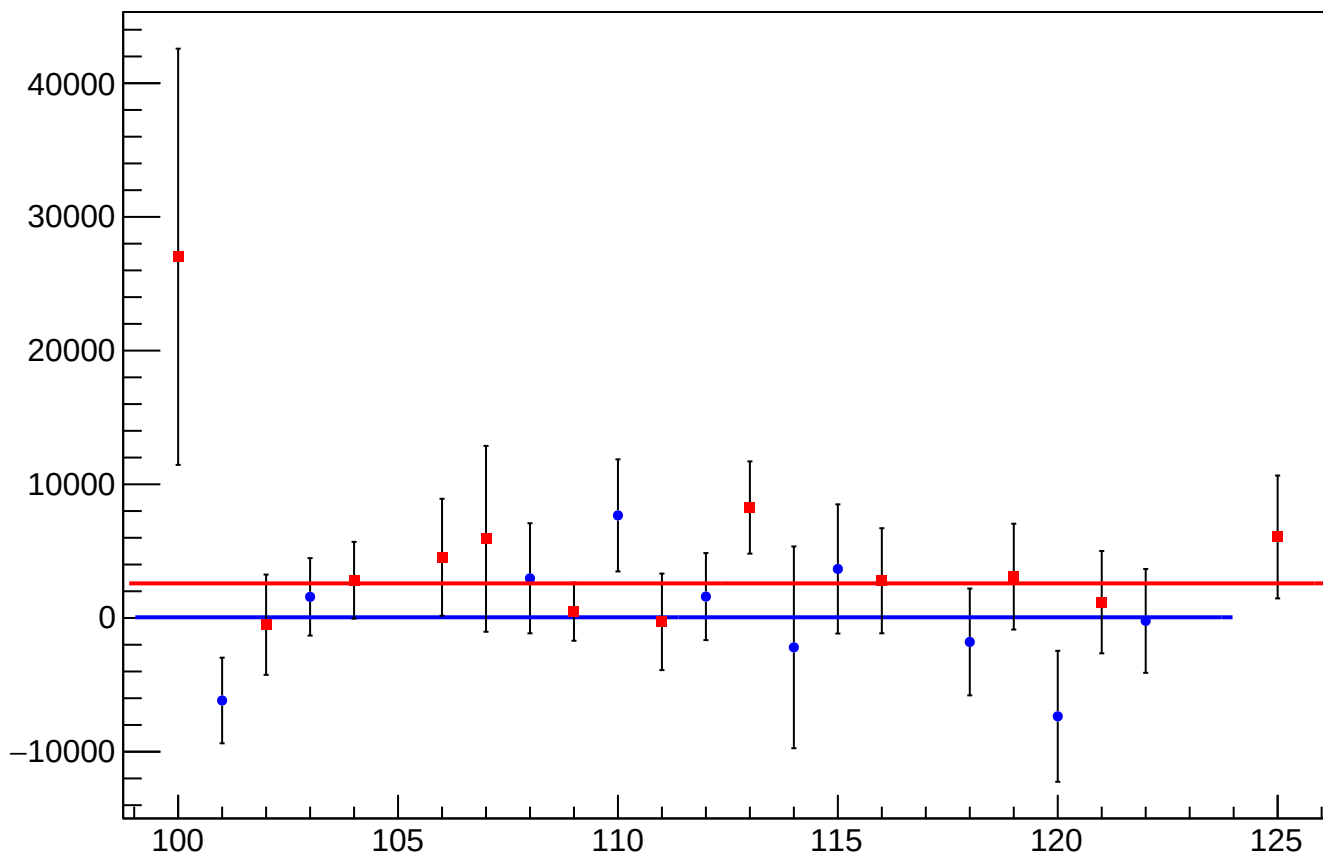
Right: 2062.045+/-0.495 χ^2/NDF : 250219.0/21

In: 2076.422+/-0.735 χ^2/NDF : 150643.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2062.045+/-0.495 χ^2/NDF : 250219.0/21

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: 2590.152+/-1061.993 χ^2/NDF : 8.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

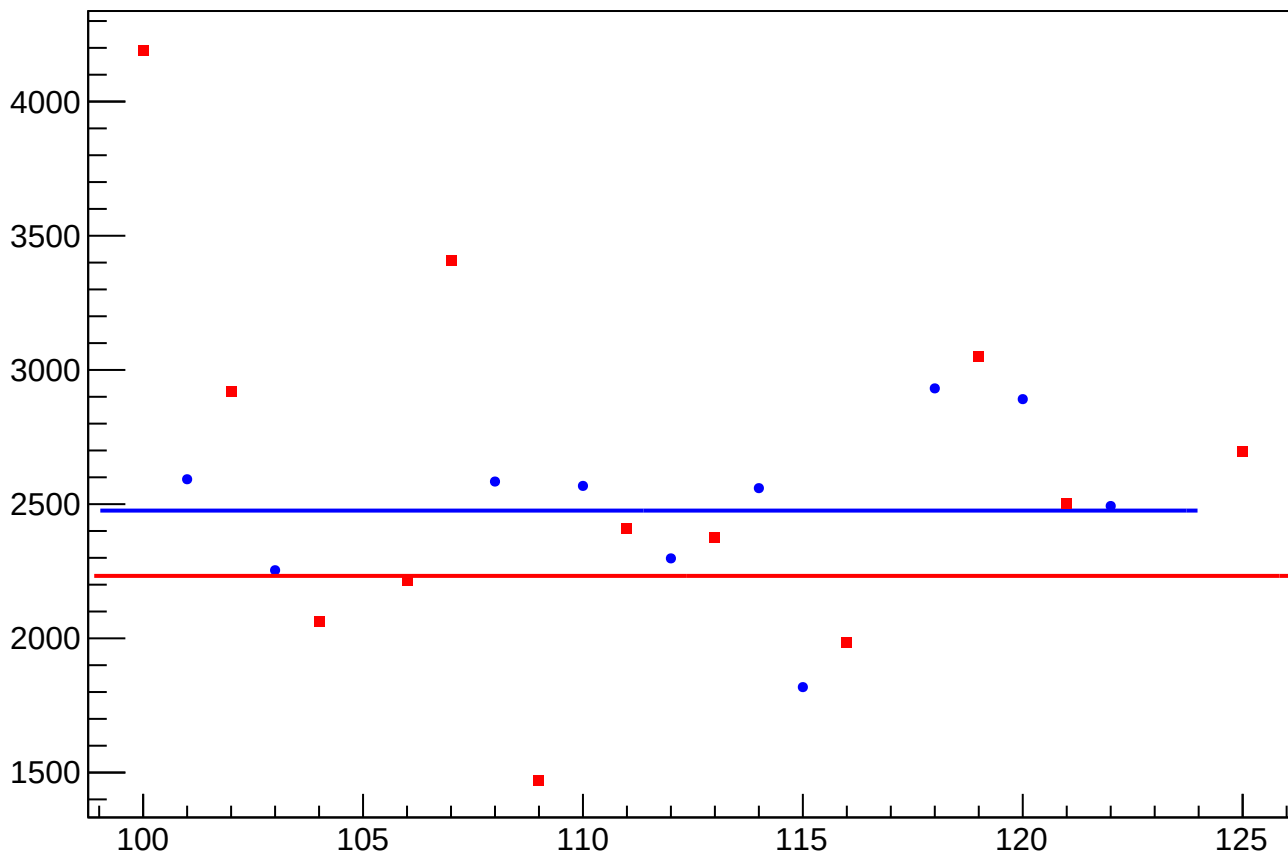
Right: 1509.832+/-804.631 χ^2/NDF : 22.3/21

In: 53.888+/-1232.872 χ^2/NDF : 11.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1509.832+/-804.631 χ^2/NDF : 22.3/21

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: 2232.698+/-0.751 χ^2/NDF : 541048.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

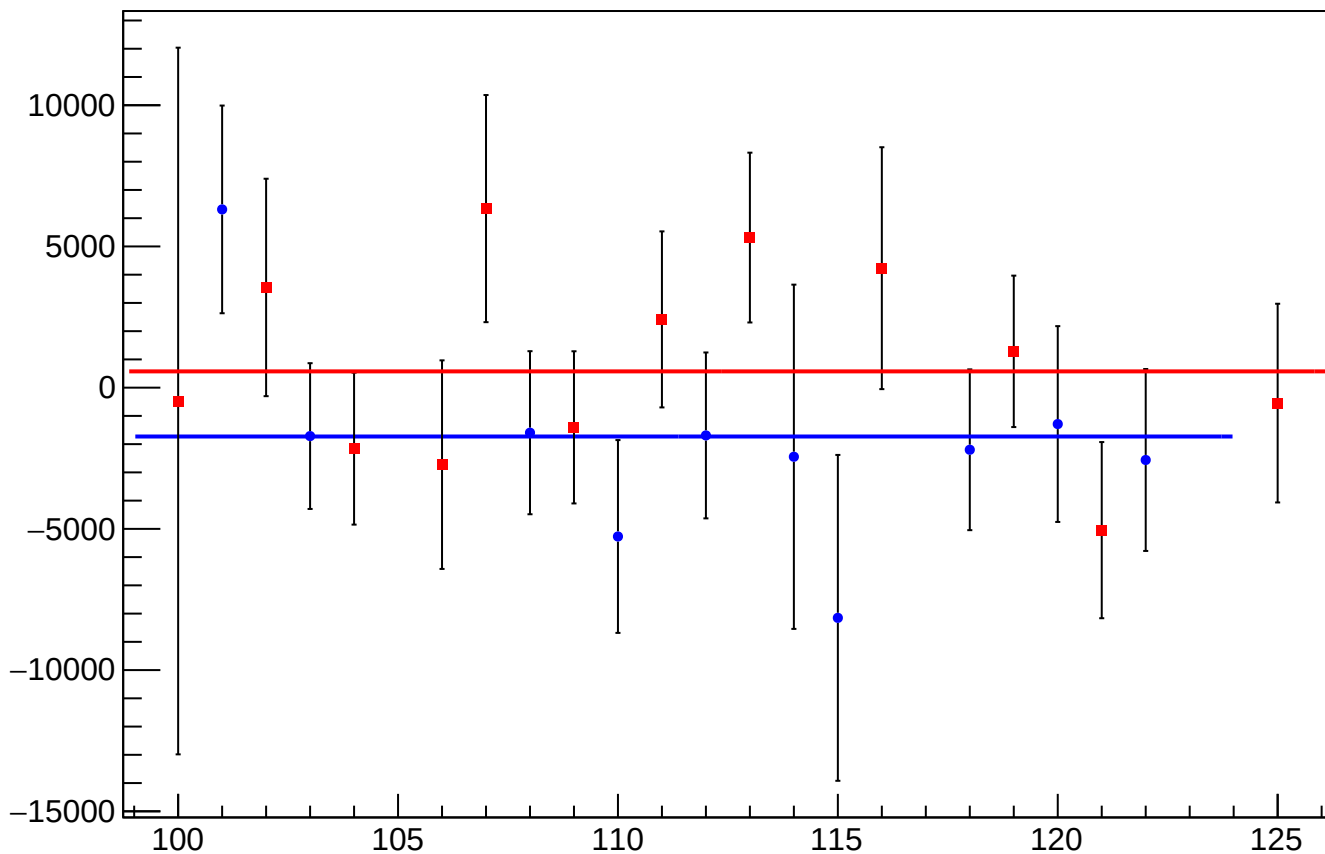
Right: 2336.338+/-0.569 χ^2/NDF : 686222.6/21

In: 2476.012+/-0.872 χ^2/NDF : 100456.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2336.338+/-0.569 χ^2/NDF : 686222.6/21

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: 576.256+/-964.053 χ^2/NDF : 12.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

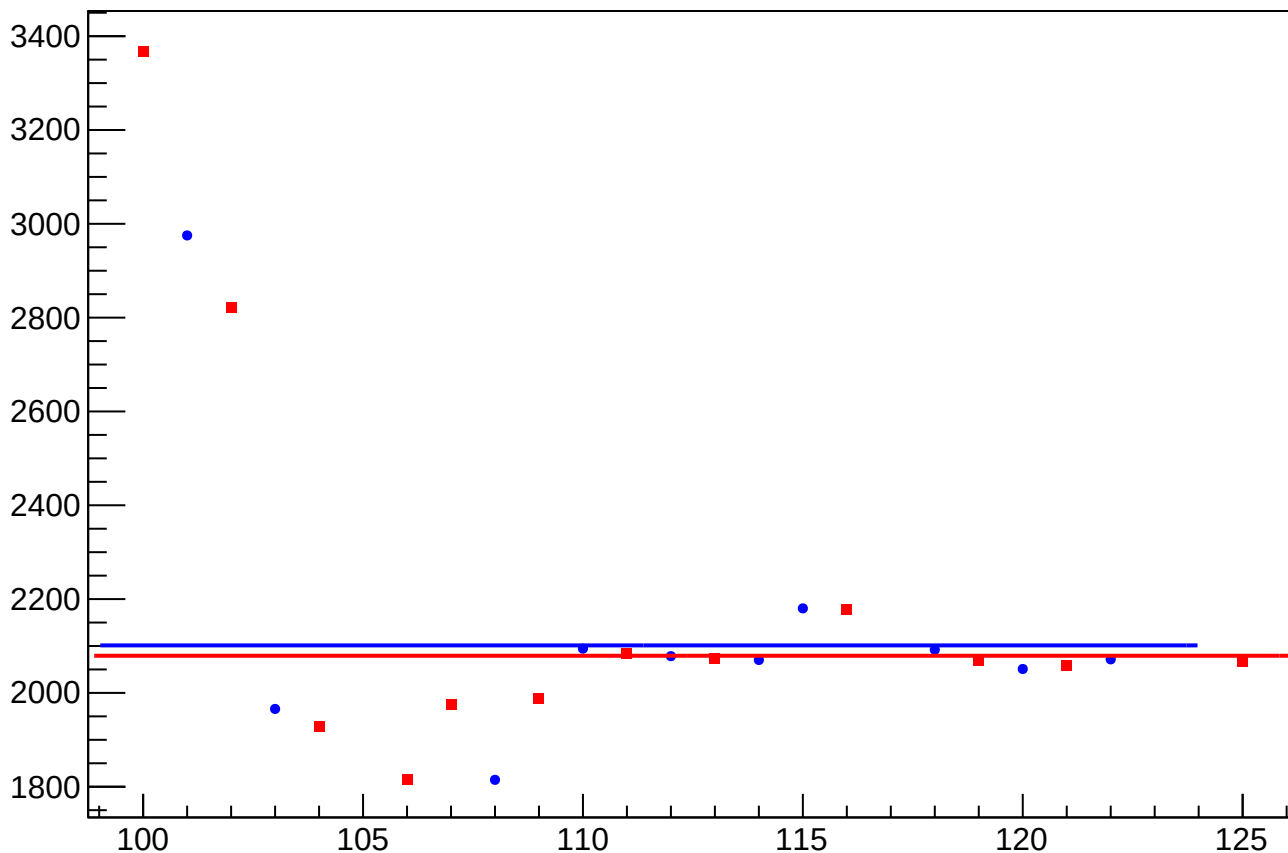
Right: -477.659+/-710.336 χ^2/NDF : 21.9/21

In: -1729.440+/-1050.659 χ^2/NDF : 7.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -477.659+/-710.336 χ^2/NDF : 21.9/21

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: 2079.199+/-0.682 χ^2/NDF : 116822.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

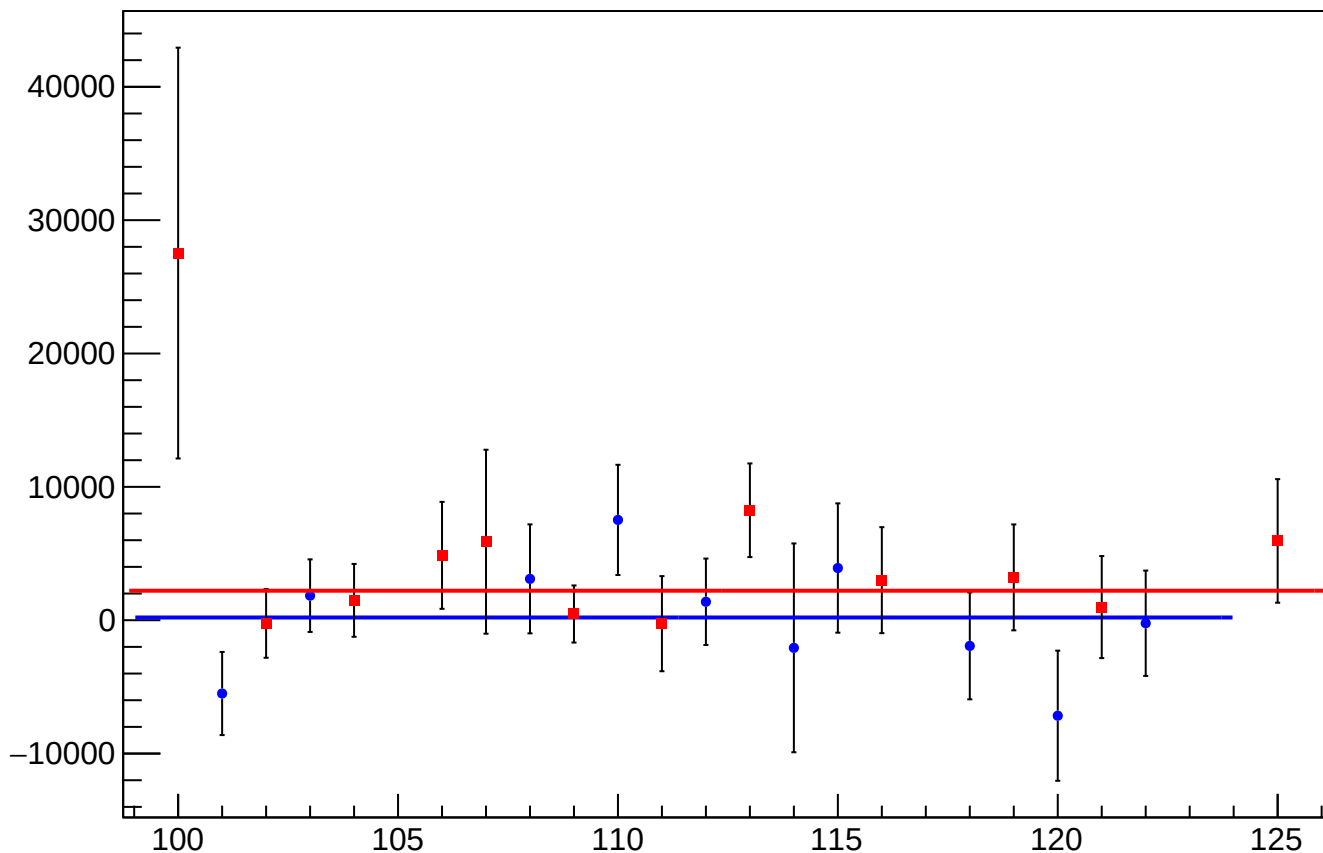
Right: 2089.290+/-0.502 χ^2/NDF : 256689.9/21

In: 2101.276+/-0.743 χ^2/NDF : 139387.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2089.290+/-0.502 χ^2/NDF : 256689.9/21

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: 2212.776+/-1004.499 χ^2/NDF : 9.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

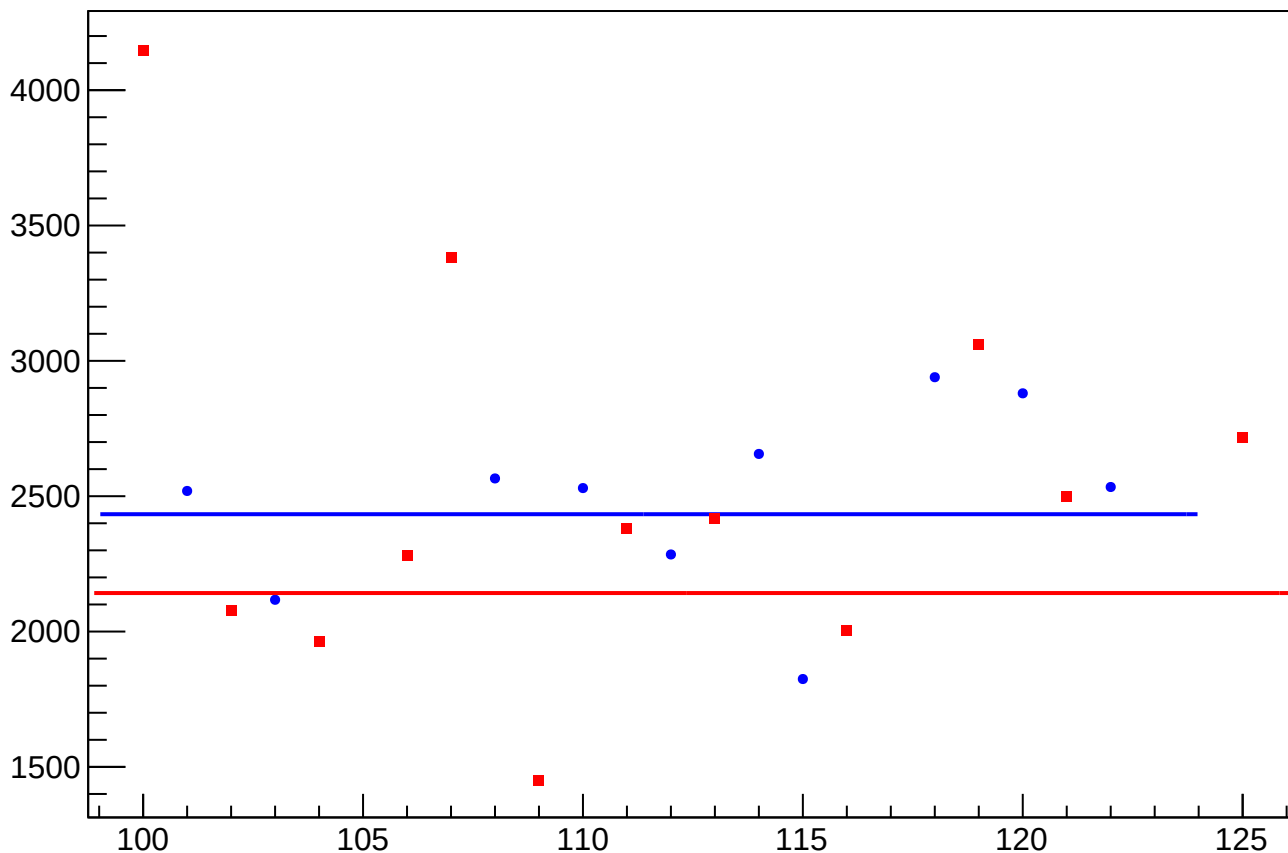
Right: 1396.372+/-773.831 χ^2/NDF : 21.7/21

In: 204.588+/-1213.657 χ^2/NDF :10.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1396.372+/-773.831 χ^2/NDF : 21.7/21

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: 2142.238+/-0.710 χ^2/NDF : 498584.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

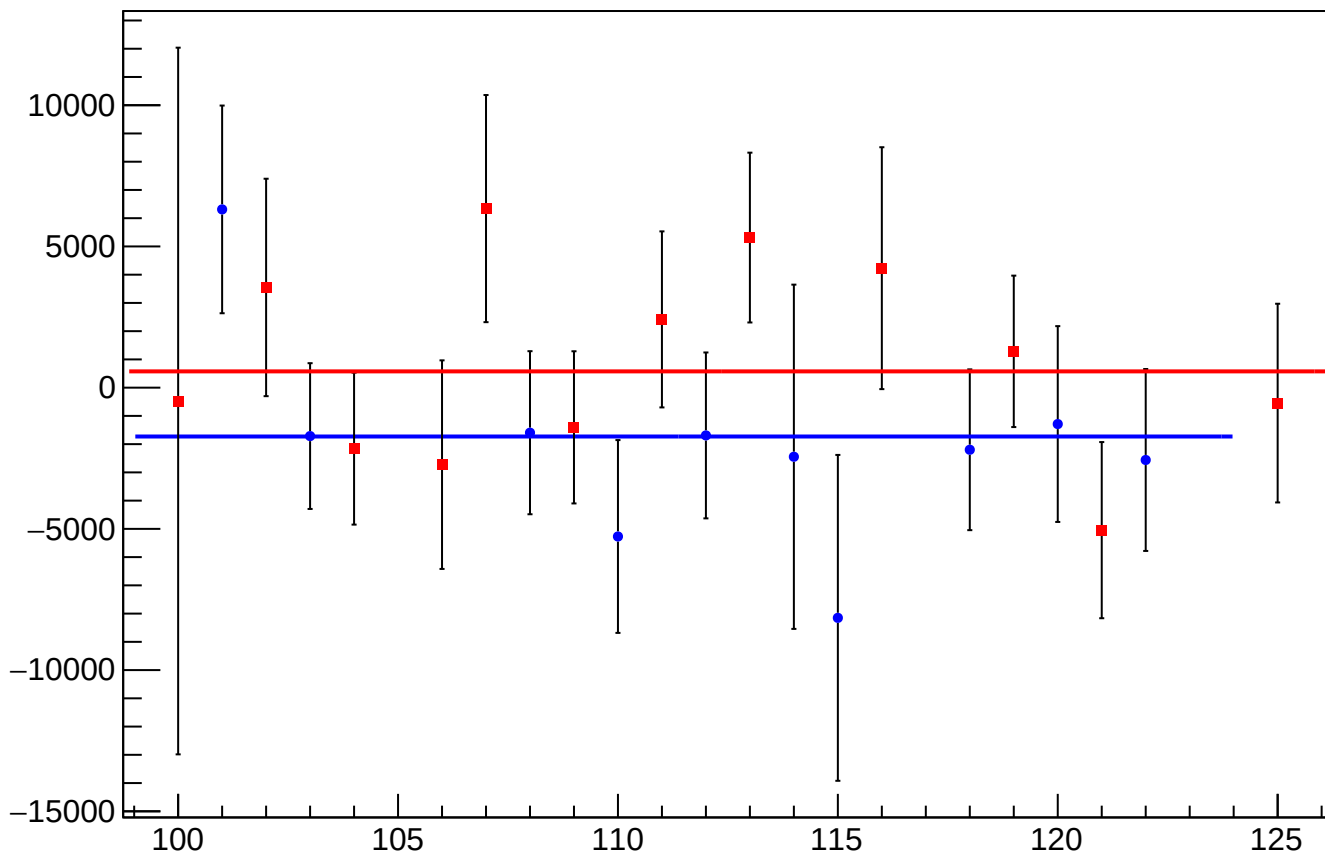
Right: 2260.642+/-0.547 χ^2/NDF : 685957.4/21

In: 2433.489+/-0.858 χ^2/NDF : 119017.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2260.642+/-0.547 χ^2/NDF : 685957.4/21

eigen_dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1729.432 $\pm$ 1050.659 χ^2 /NDF: 7.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 576.252 $\pm$ 964.053 χ^2 /NDF: 12.0/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

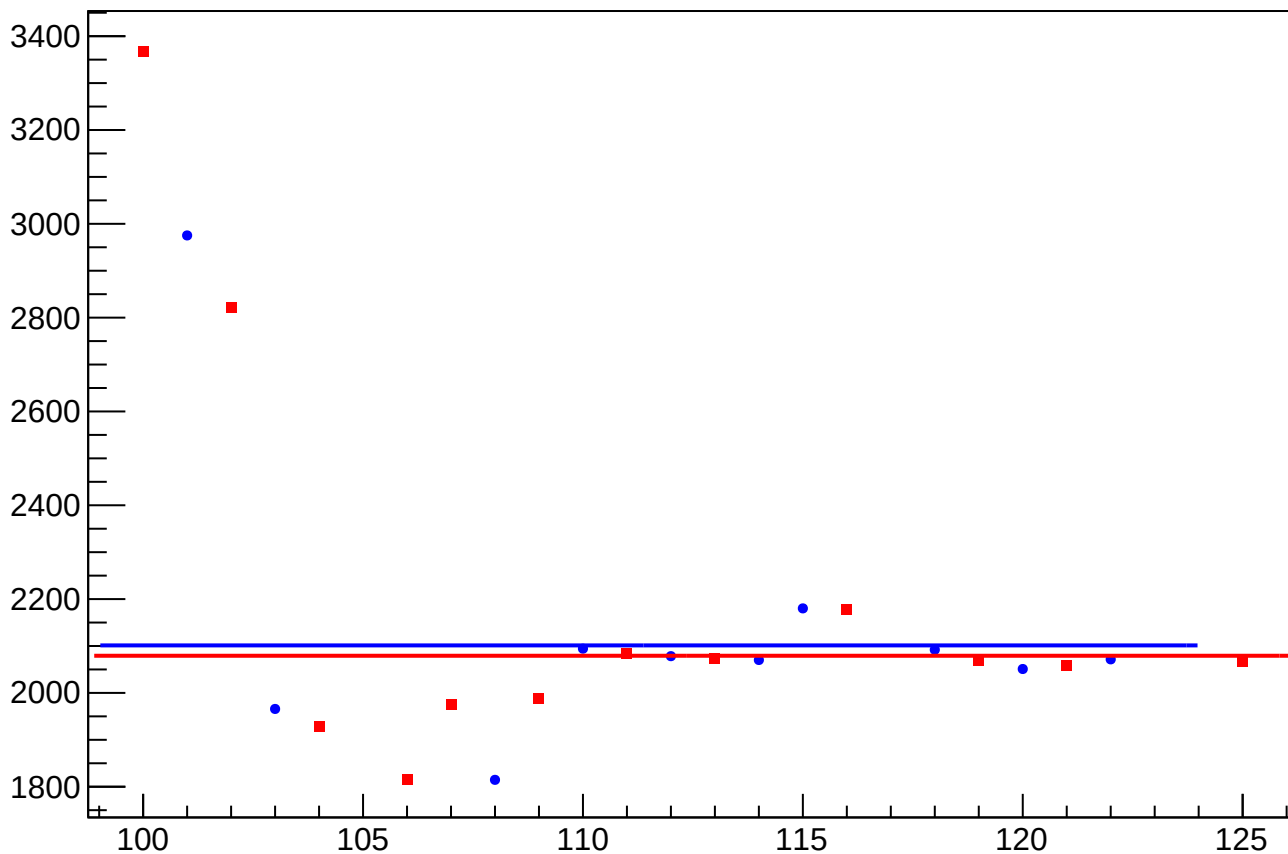
Right: -477.658 $\pm$ 710.336 χ^2 /NDF: 21.9/21

In: -1729.432 $\pm$ 1050.659 χ^2 /NDF: 7.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -477.658 $\pm$ 710.336 χ^2 /NDF: 21.9/21

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: 2079.199+/-0.682 χ^2/NDF : 116822.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

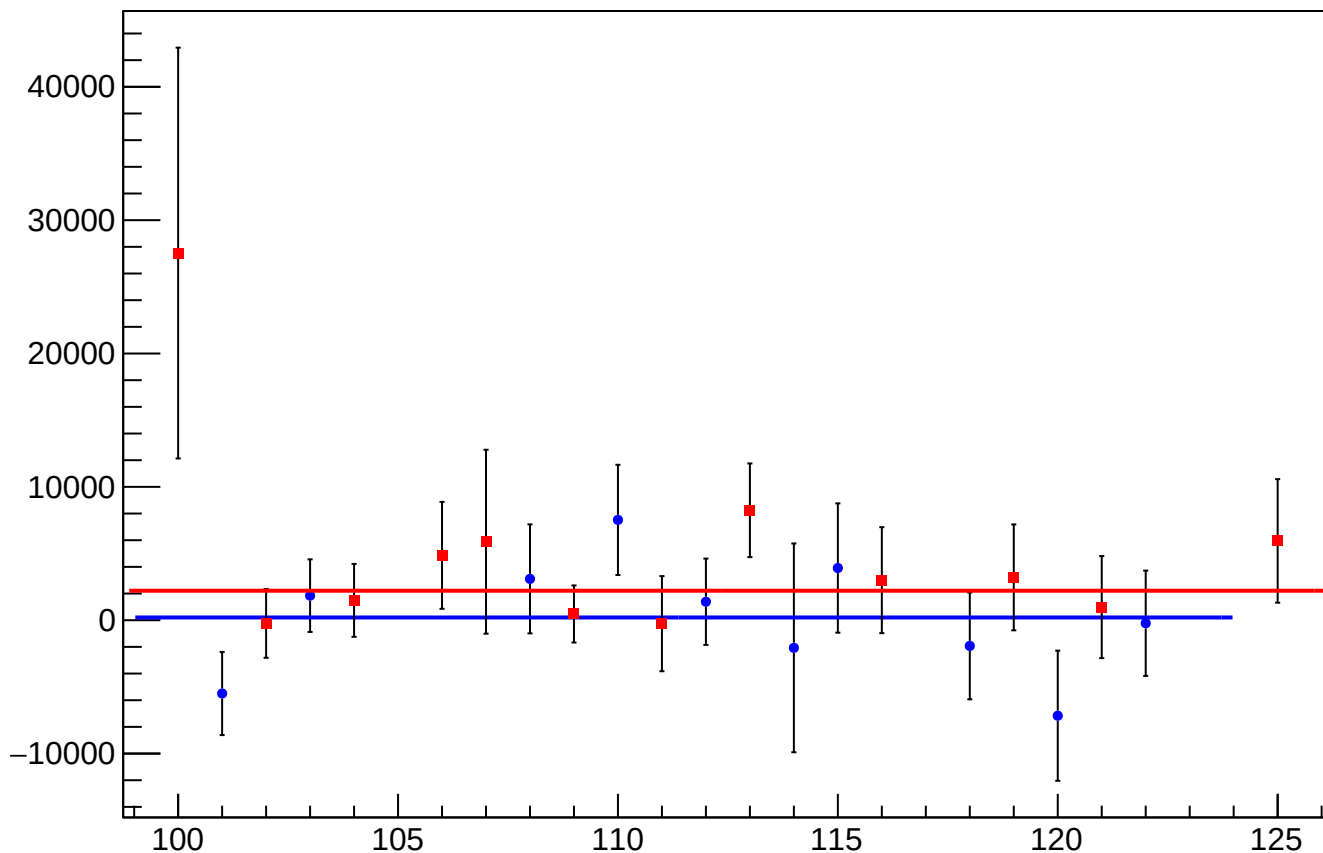
Right: 2089.290+/-0.502 χ^2/NDF : 256689.7/21

In: 2101.276+/-0.743 χ^2/NDF : 139387.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2089.290+/-0.502 χ^2/NDF : 256689.7/21

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: 2212.781+/-1004.500 χ^2/NDF : 9.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

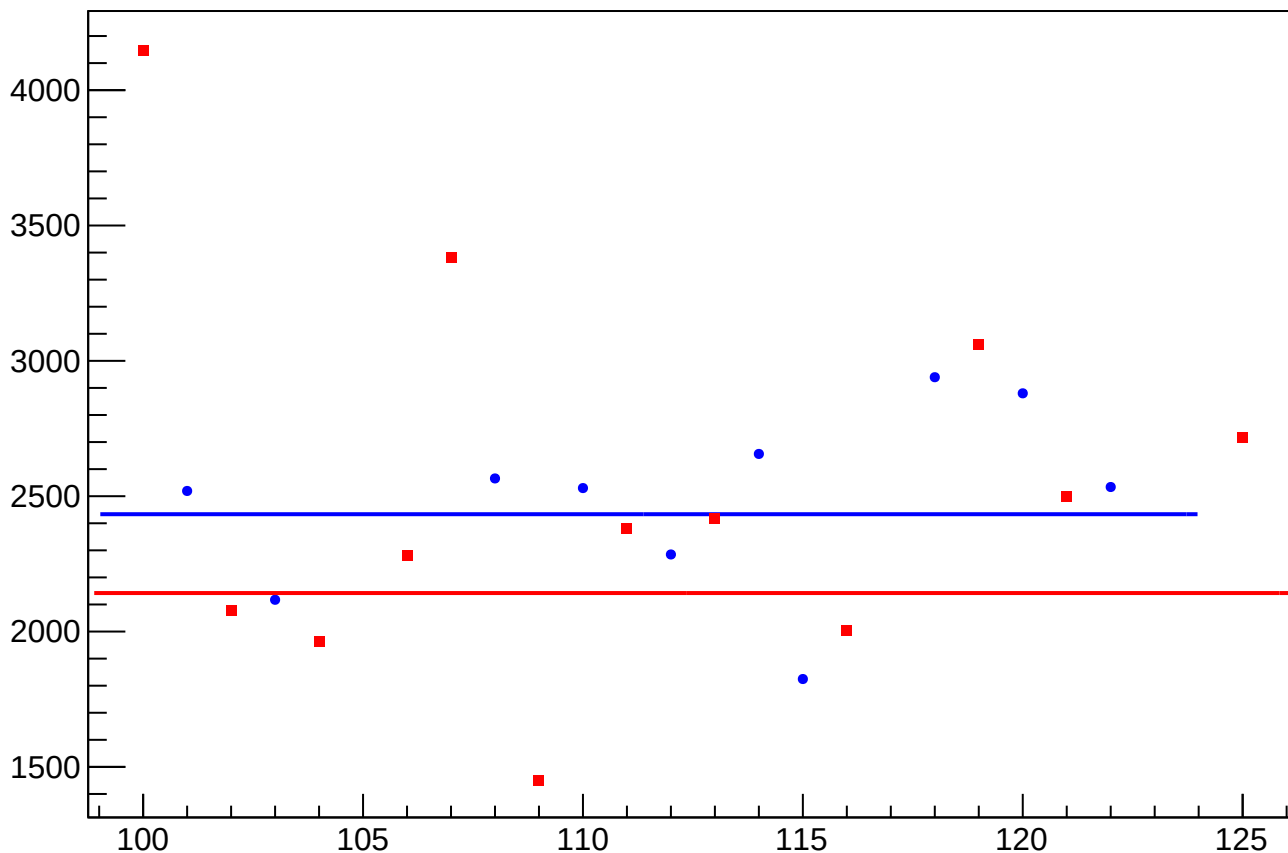
Right: 1396.371+/-773.831 χ^2/NDF : 21.7/21

In: 204.586+/-1213.654 χ^2/NDF : 10.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1396.371+/-773.831 χ^2/NDF : 21.7/21

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: 2142.242+/-0.710 χ^2/NDF : 498570.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

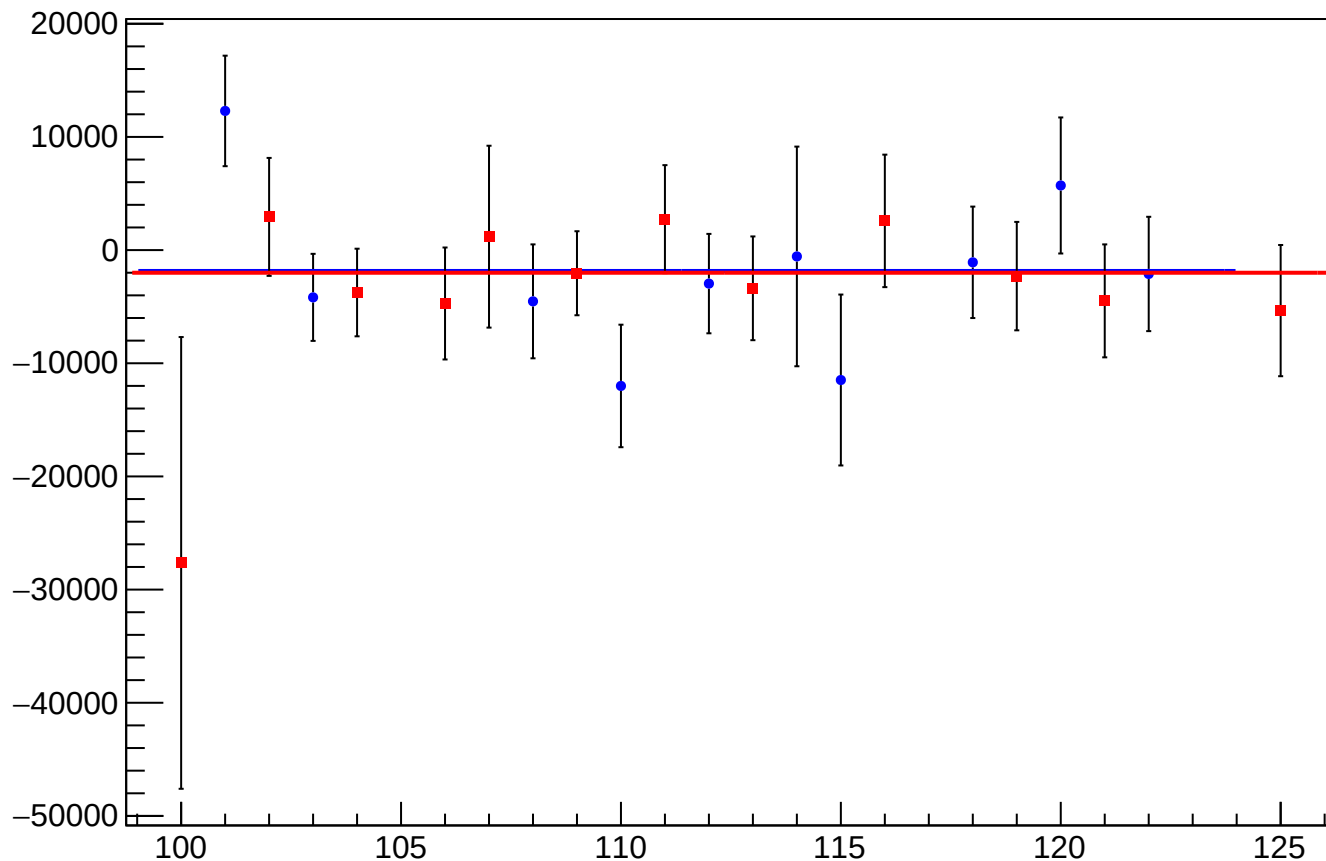
Right: 2260.643+/-0.547 χ^2/NDF : 685934.3/21

In: 2433.485+/-0.858 χ^2/NDF : 119013.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2260.643+/-0.547 χ^2/NDF : 685934.3/21

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: -2001.377+/-1459.920 χ^2 /NDF: 5.5/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

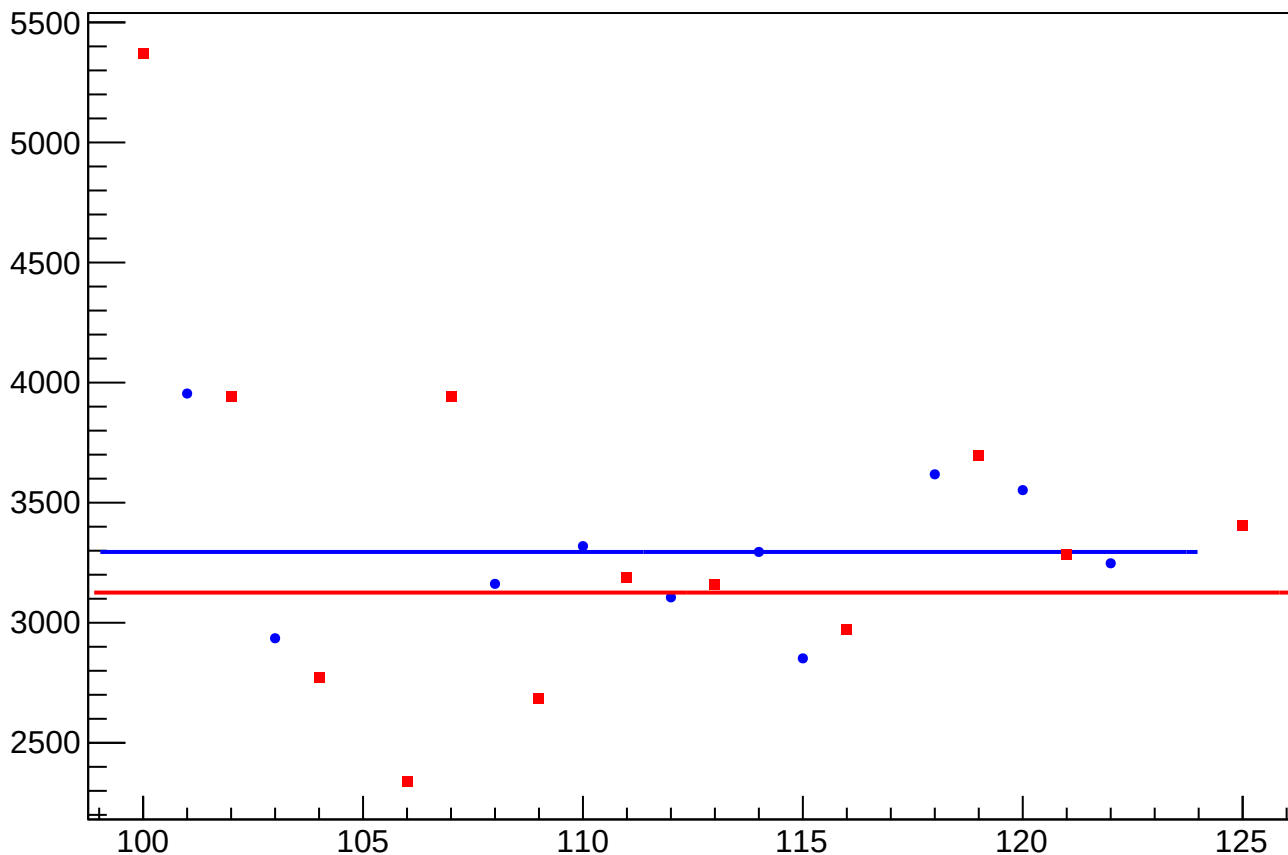
Right: -1932.323+/-1090.797 χ^2 /NDF: 21.4/21

In: -1845.057+/-1641.180 χ^2 /NDF:15.9/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1932.323+/-1090.797 χ^2 /NDF: 21.4/21

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: 3125.664+/-1.032 χ^2/NDF : 227627.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

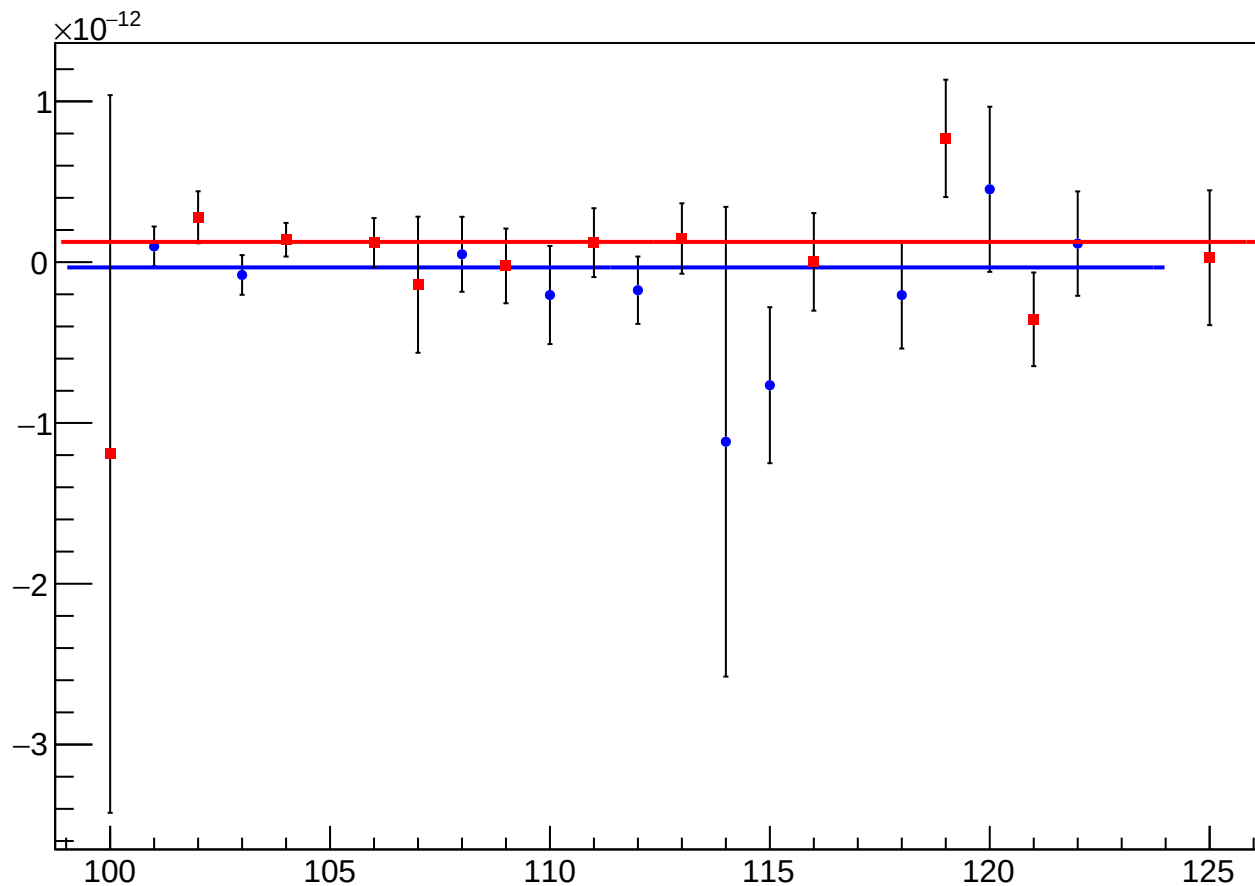
Right: 3200.385+/-0.771 χ^2/NDF : 317948.9/21

In: 3294.815+/-1.160 χ^2/NDF : 78460.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3200.385+/-0.771 χ^2/NDF : 317948.9/21

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 : 8.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

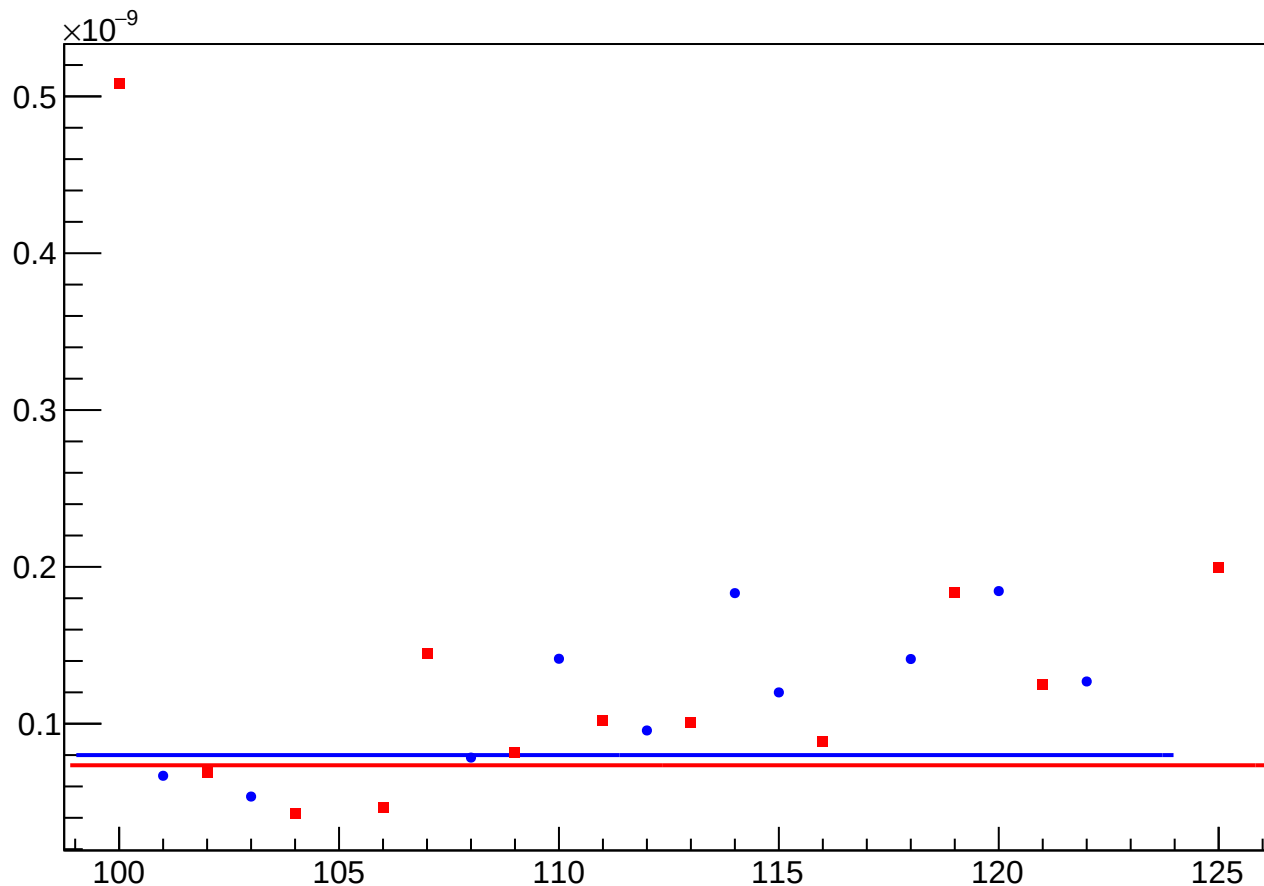
Right: 0.000+/-0.000 χ^2/NDF : 17.5/21

In: -0.000+/-0.000 χ^2/NDF : 6.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.5/21

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 : 870598.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

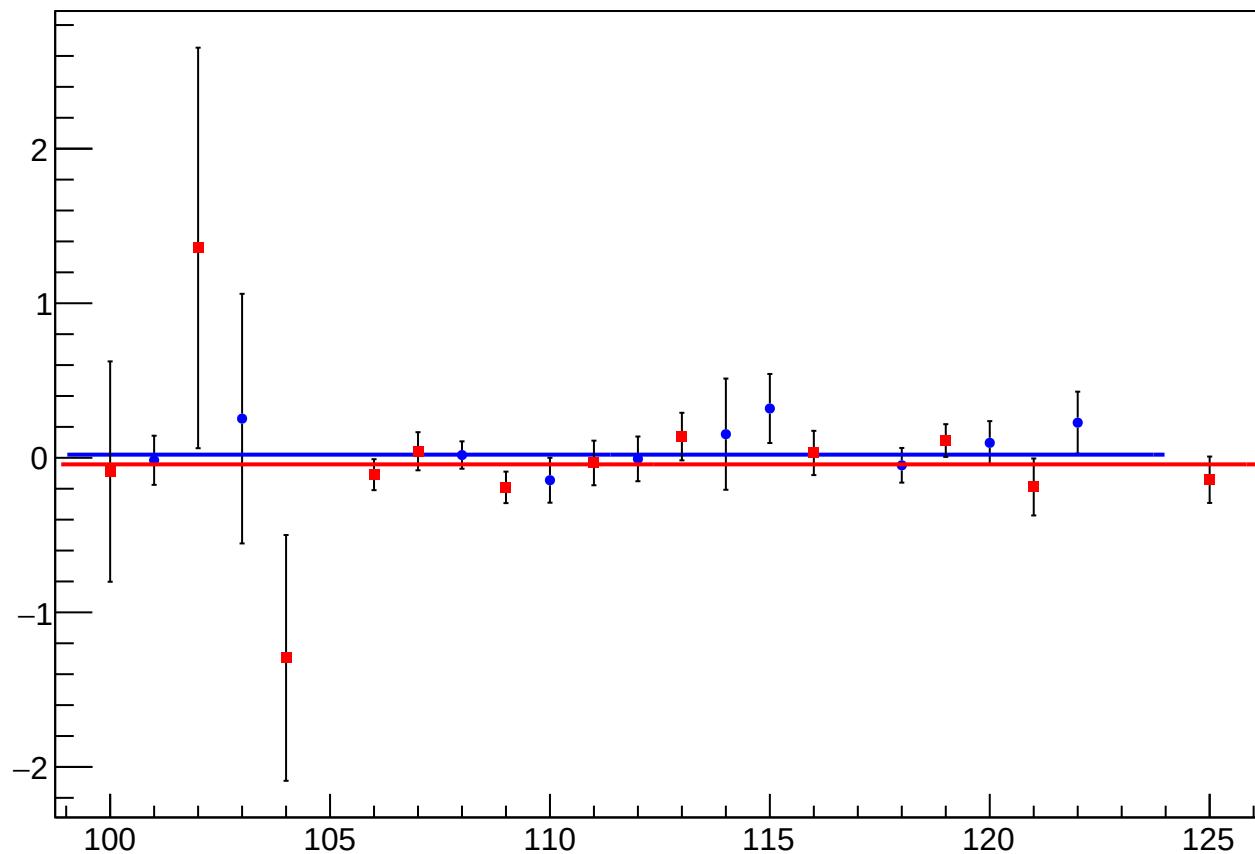
Right: 0.000+/-0.000 χ^2/NDF : 1303823.2/21

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 : 1303823.2/21

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.047 χ^2/NDF : 5.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.042 $\pm$ 0.042 χ^2/NDF : 11.5/11

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

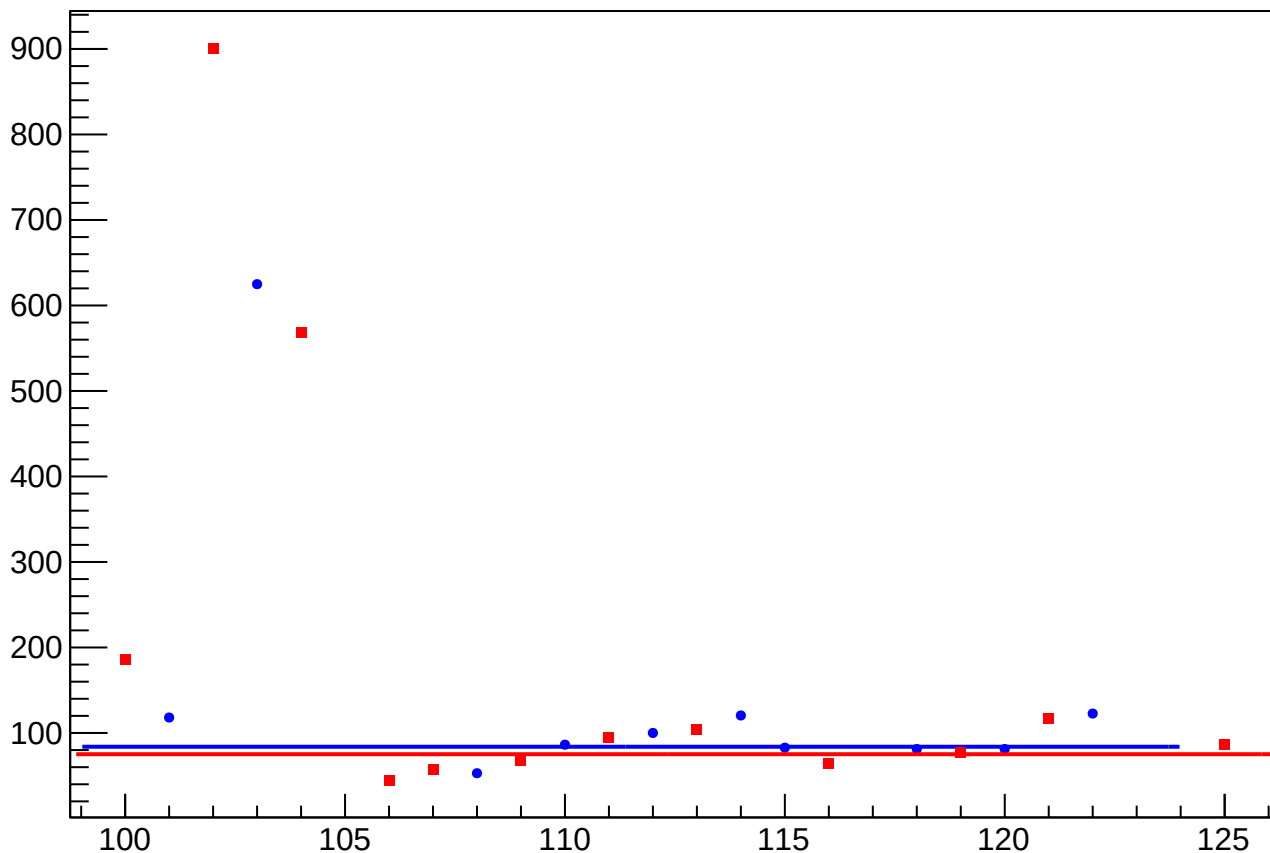
Right: -0.015 $\pm$ 0.031 χ^2/NDF : 17.6/21

In: 0.020 $\pm$ 0.047 χ^2/NDF : 5.1/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.015 $\pm$ 0.031 χ^2/NDF : 17.6/21

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: 75.147+/-0.030 χ^2/NDF : 2113518.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

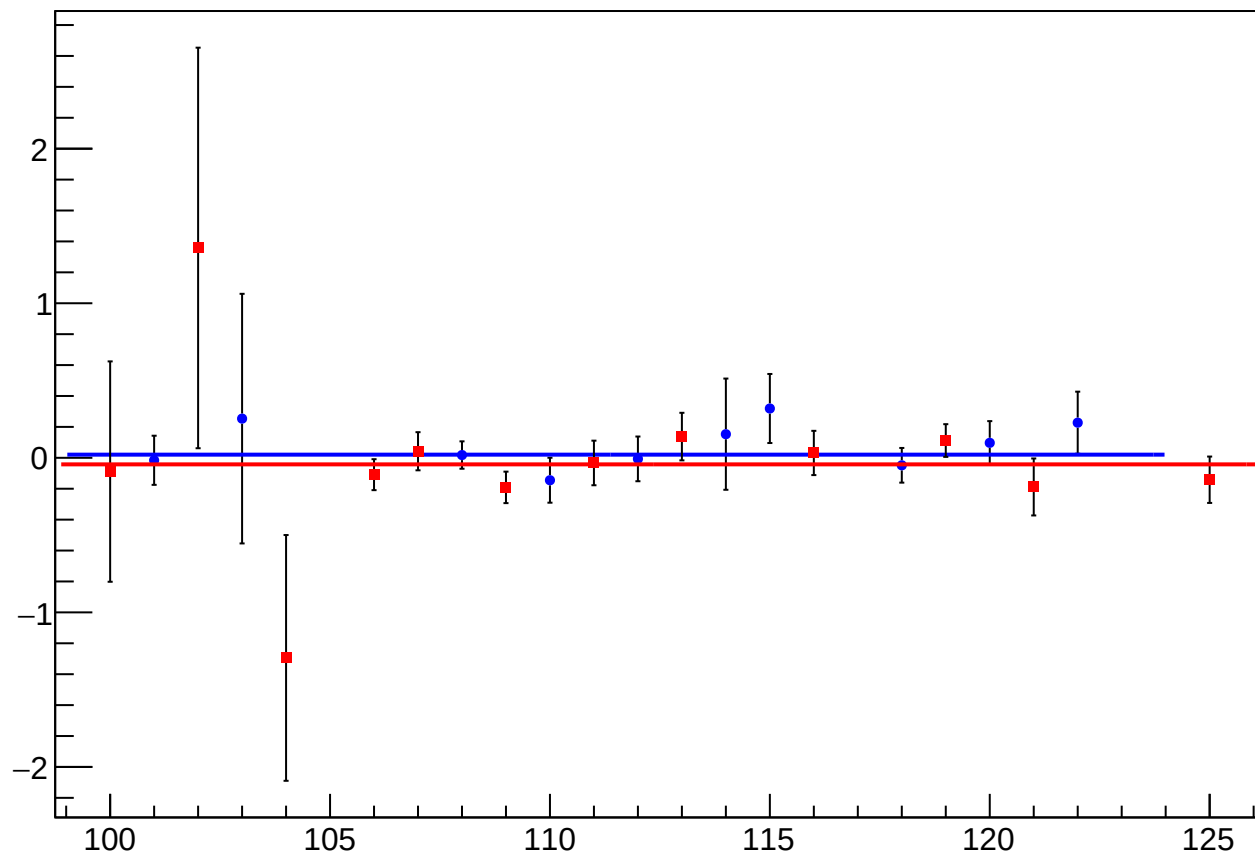
Right: 78.993+/-0.022 χ^2/NDF : 3509390.2/21

In: 83.891+/-0.033 χ^2/NDF : 1357637.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.993+/-0.022 χ^2/NDF : 3509390.2/21

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: -0.042+/-0.042 χ^2/NDF : 11.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

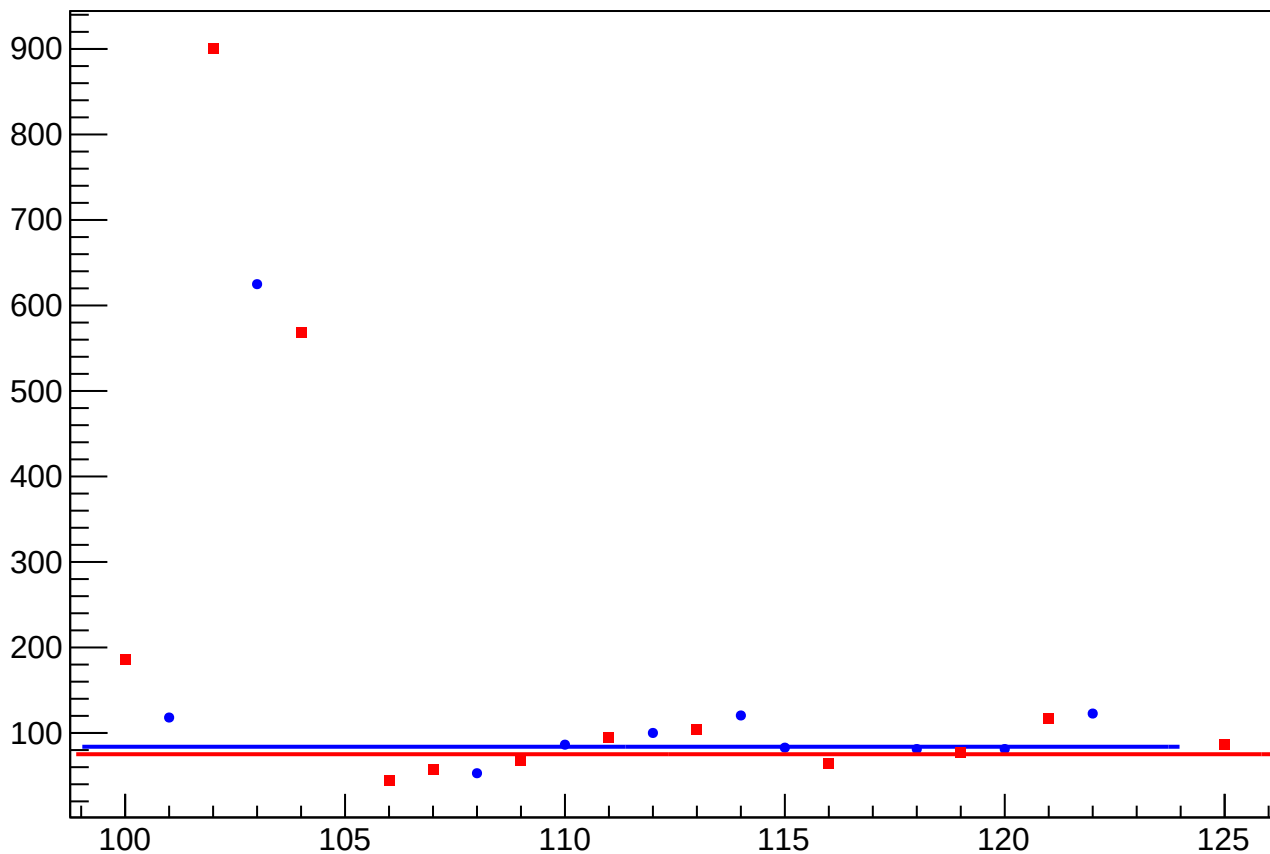
Right: -0.015+/-0.031 χ^2/NDF : 17.6/21

In: 0.020+/-0.047 χ^2/NDF : 5.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.015+/-0.031 χ^2/NDF : 17.6/21

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: 75.147+/-0.030 χ^2/NDF : 2113518.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

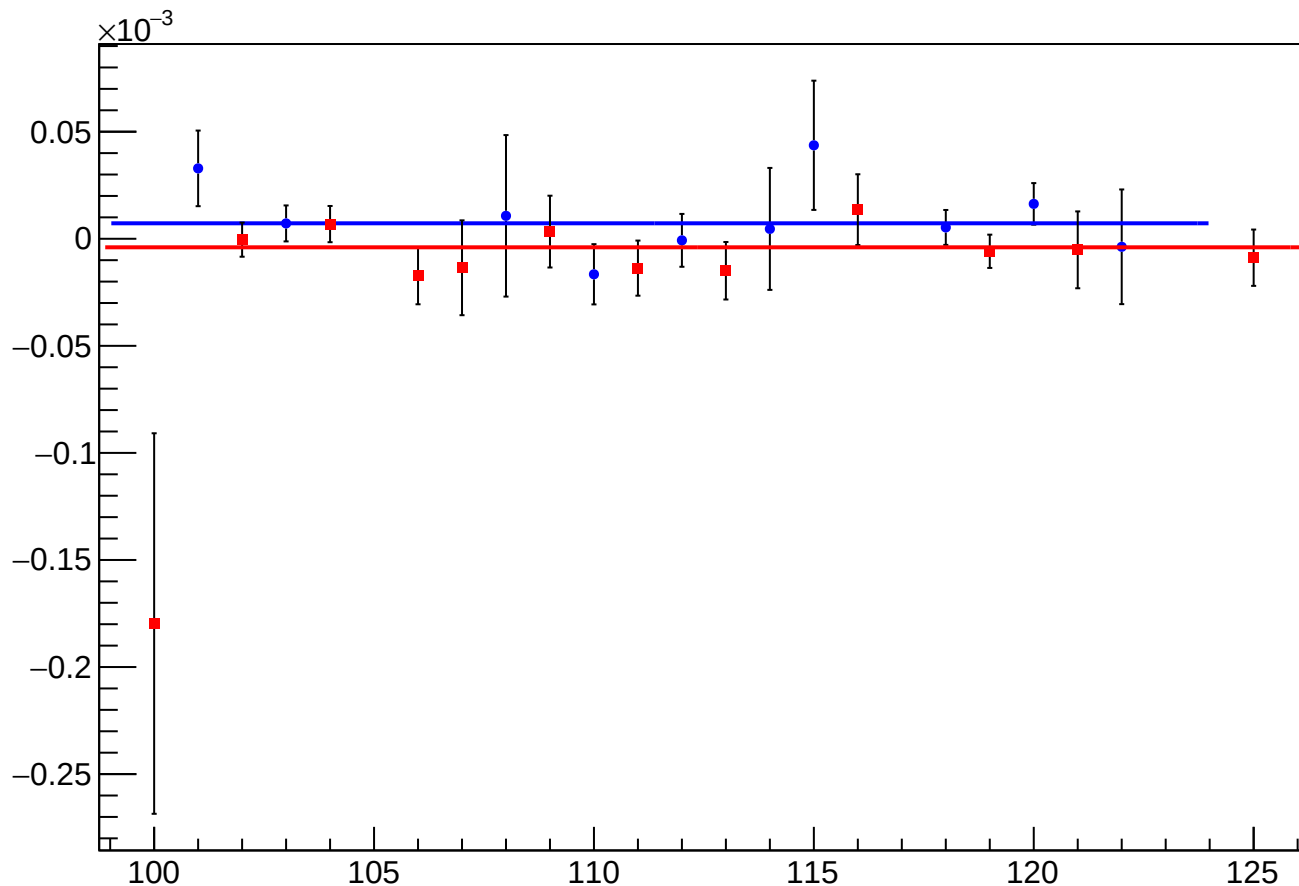
Right: 78.993+/-0.022 χ^2/NDF : 3509390.2/21

In: 83.891+/-0.033 χ^2/NDF : 1357637.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.993+/-0.022 χ^2/NDF : 3509390.2/21

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 : 9.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

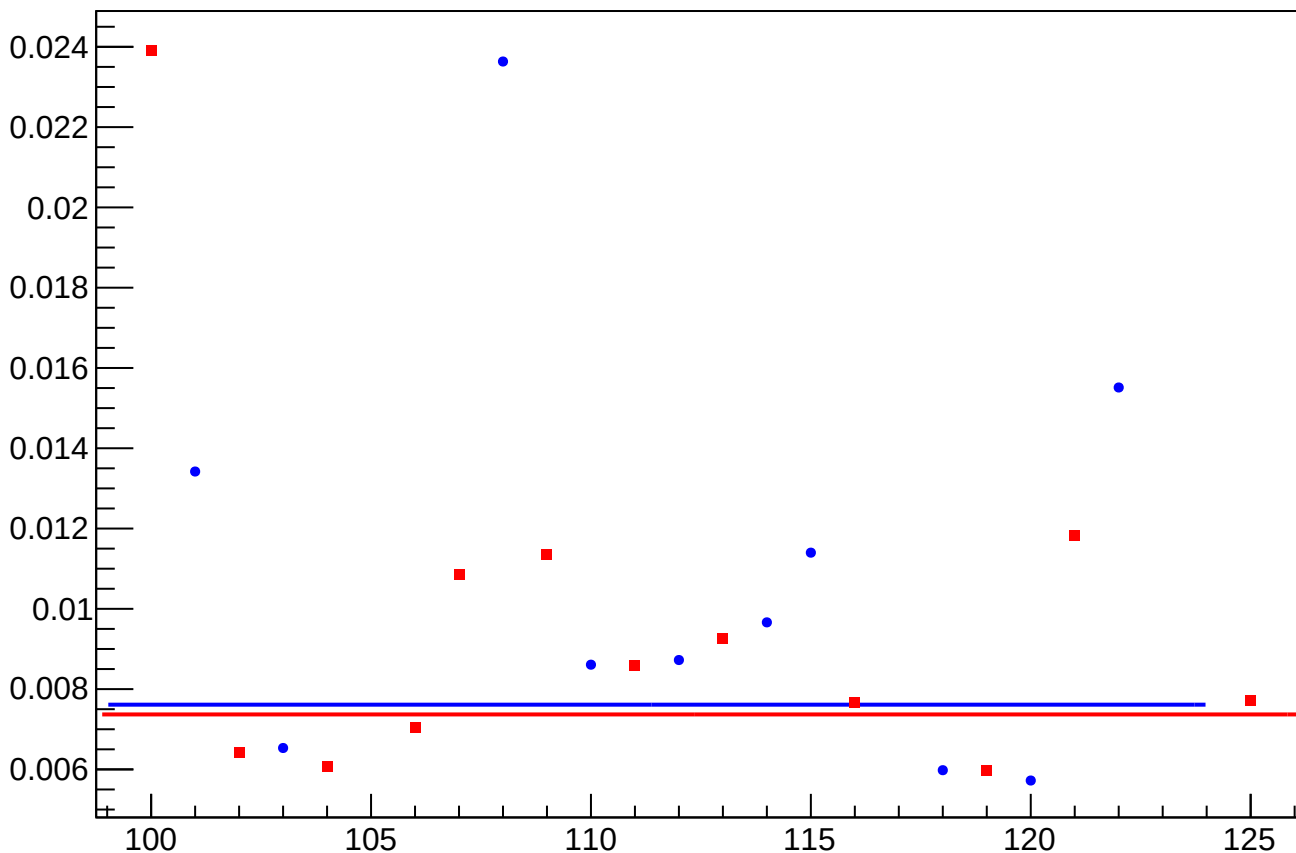
Right: 0.000+/-0.000 χ^2/NDF : 22.0/21

In: 0.000+/-0.000 χ^2/NDF : 8.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.0/21

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 : 556496.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

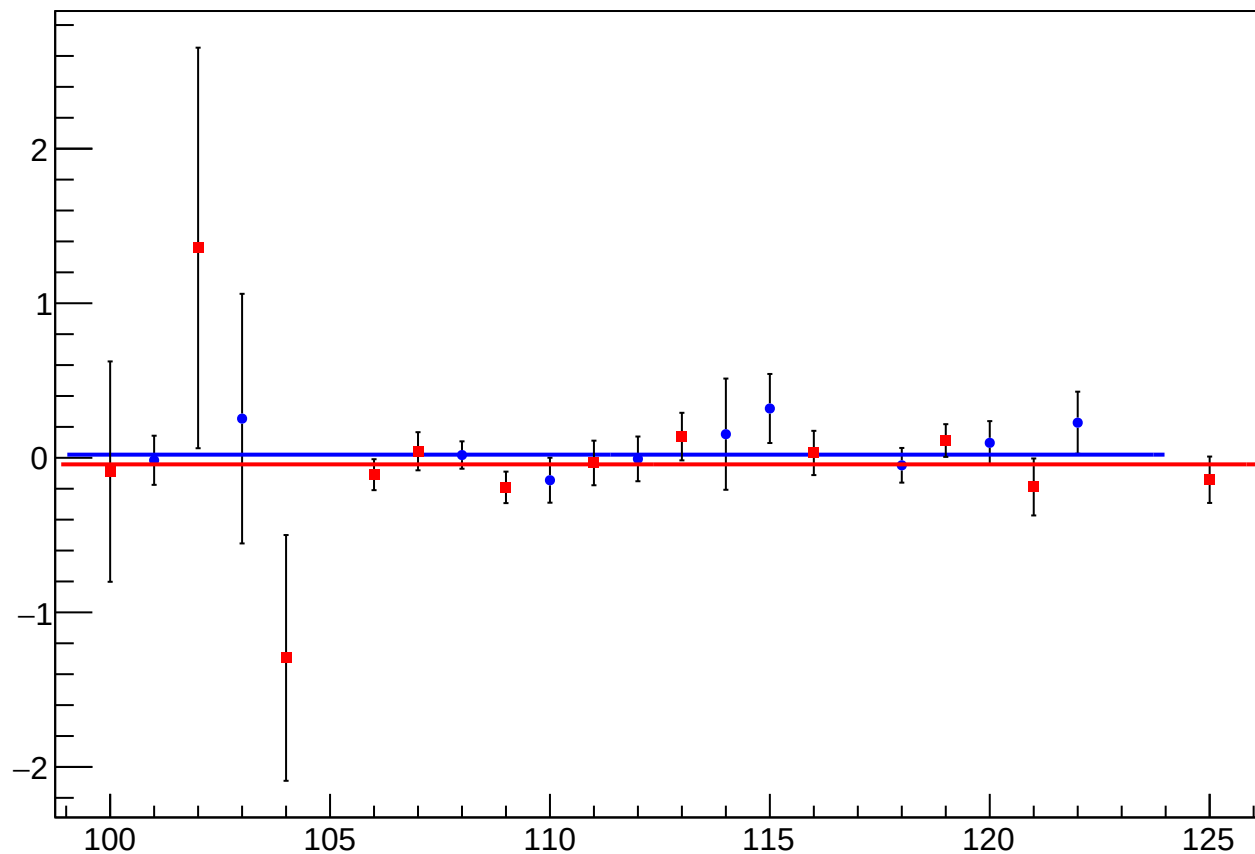
Right: 0.007+/-0.000 χ^2/NDF : 1569250.4/21

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 : 1569250.4/21

asym_us_dd_at2lr_dd_avg_eigen_dit_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: -0.042+/-0.042 χ^2/NDF : 11.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

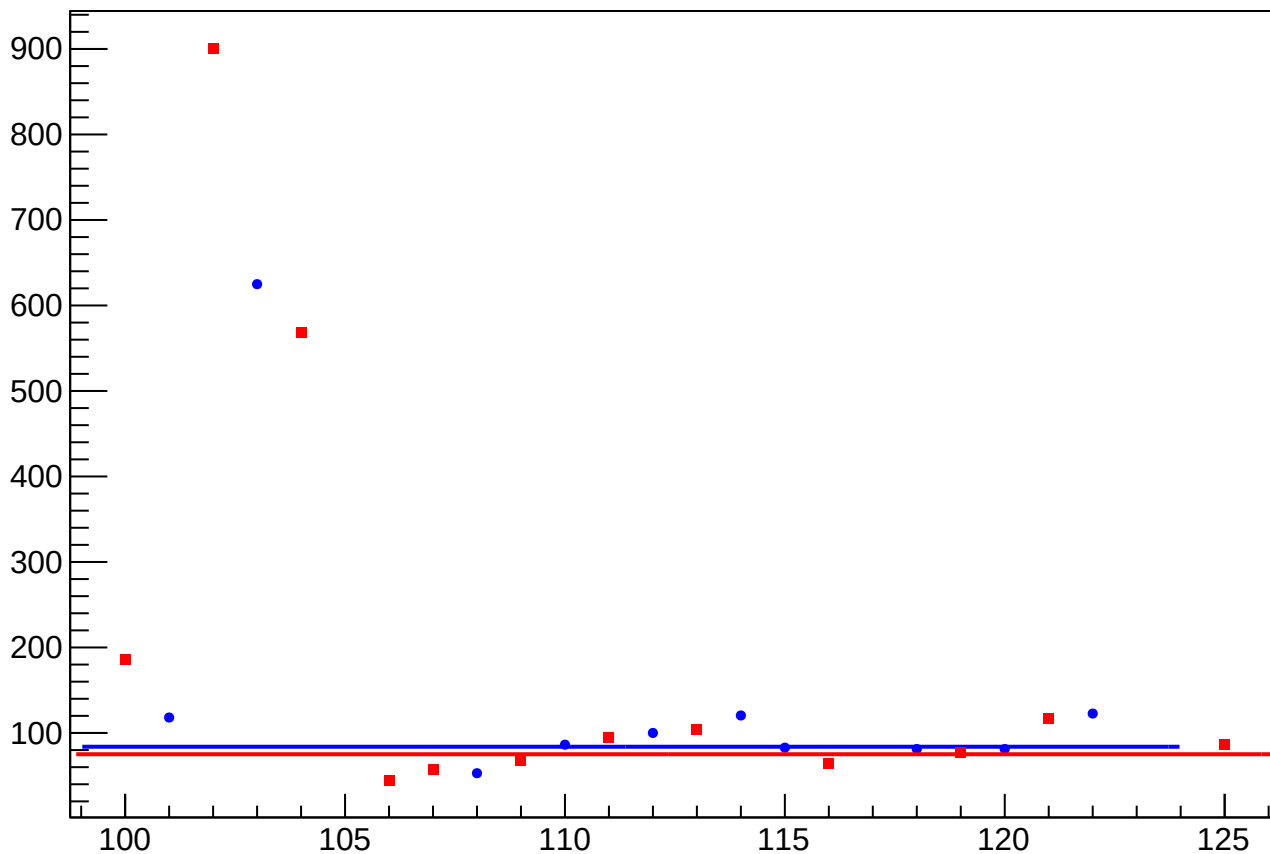
Right: -0.015+/-0.031 χ^2/NDF : 17.6/21

In: 0.020+/-0.047 χ^2/NDF : 5.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.015+/-0.031 χ^2/NDF : 17.6/21

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: 75.146+/-0.030 χ^2/NDF : 2113506.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

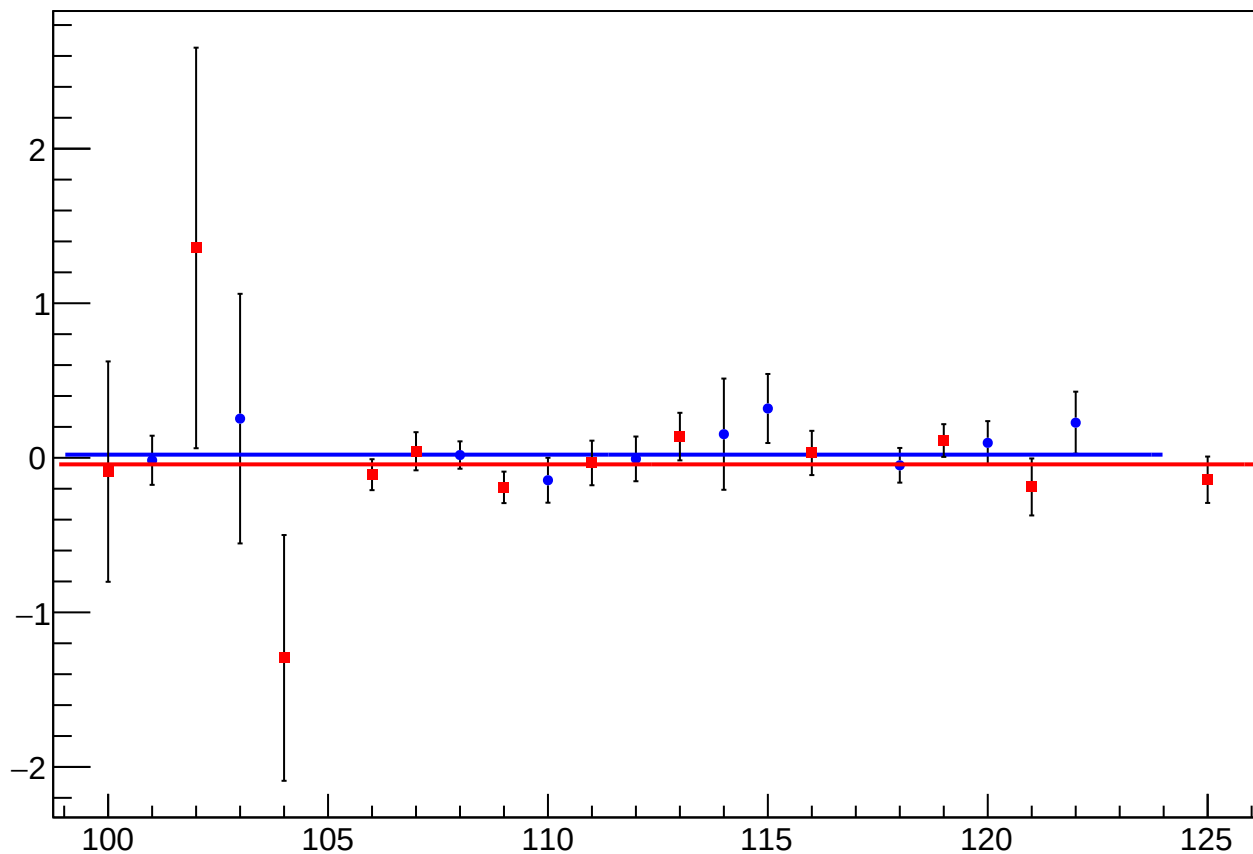
Right: 78.995+/-0.022 χ^2/NDF : 3509235.8/21

In: 83.896+/-0.033 χ^2/NDF : 1357451.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.995+/-0.022 χ^2/NDF : 3509235.8/21

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: -0.042+/-0.042 χ^2/NDF : 11.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

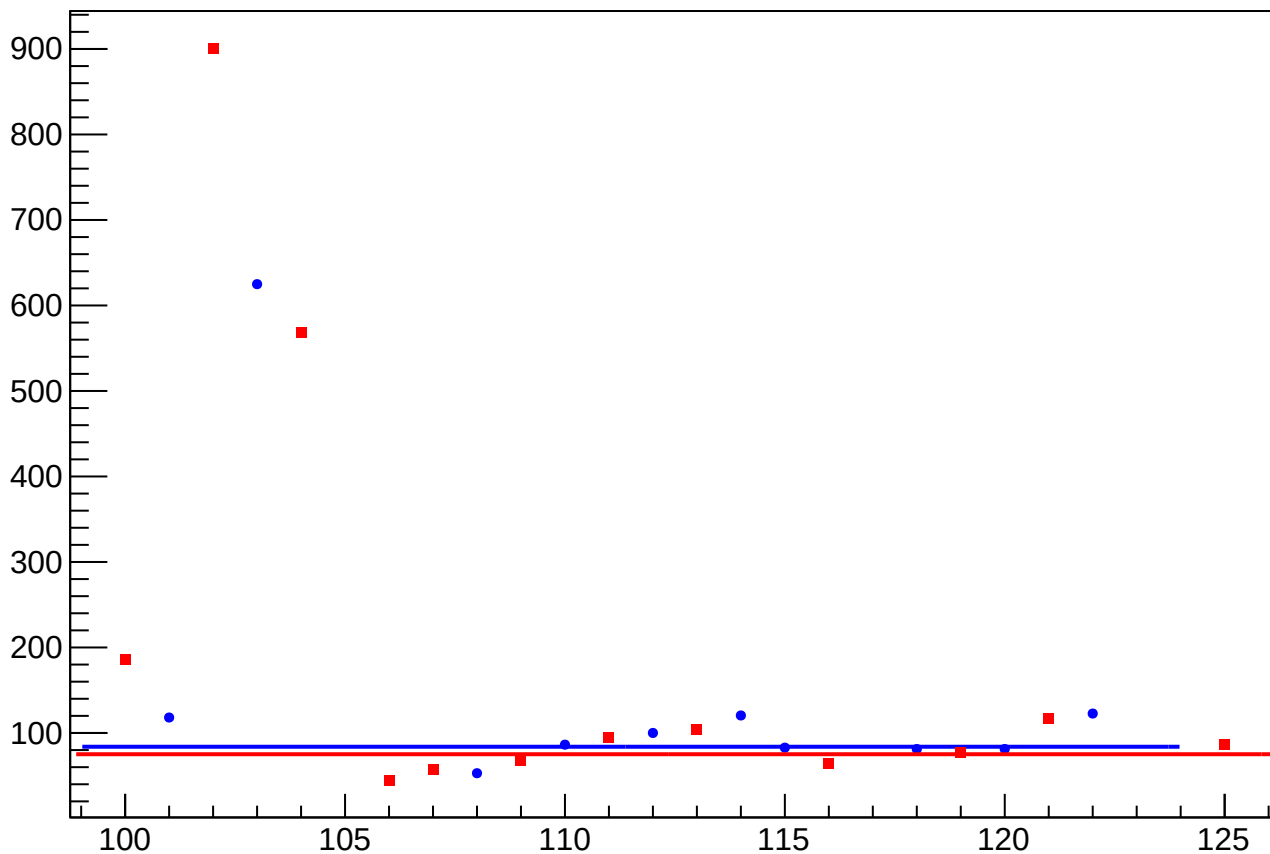
Right: -0.015+/-0.031 χ^2/NDF : 17.6/21

In: 0.020+/-0.047 χ^2/NDF : 5.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.015+/-0.031 χ^2/NDF : 17.6/21

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: 75.146+/-0.030 χ^2/NDF : 2113506.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

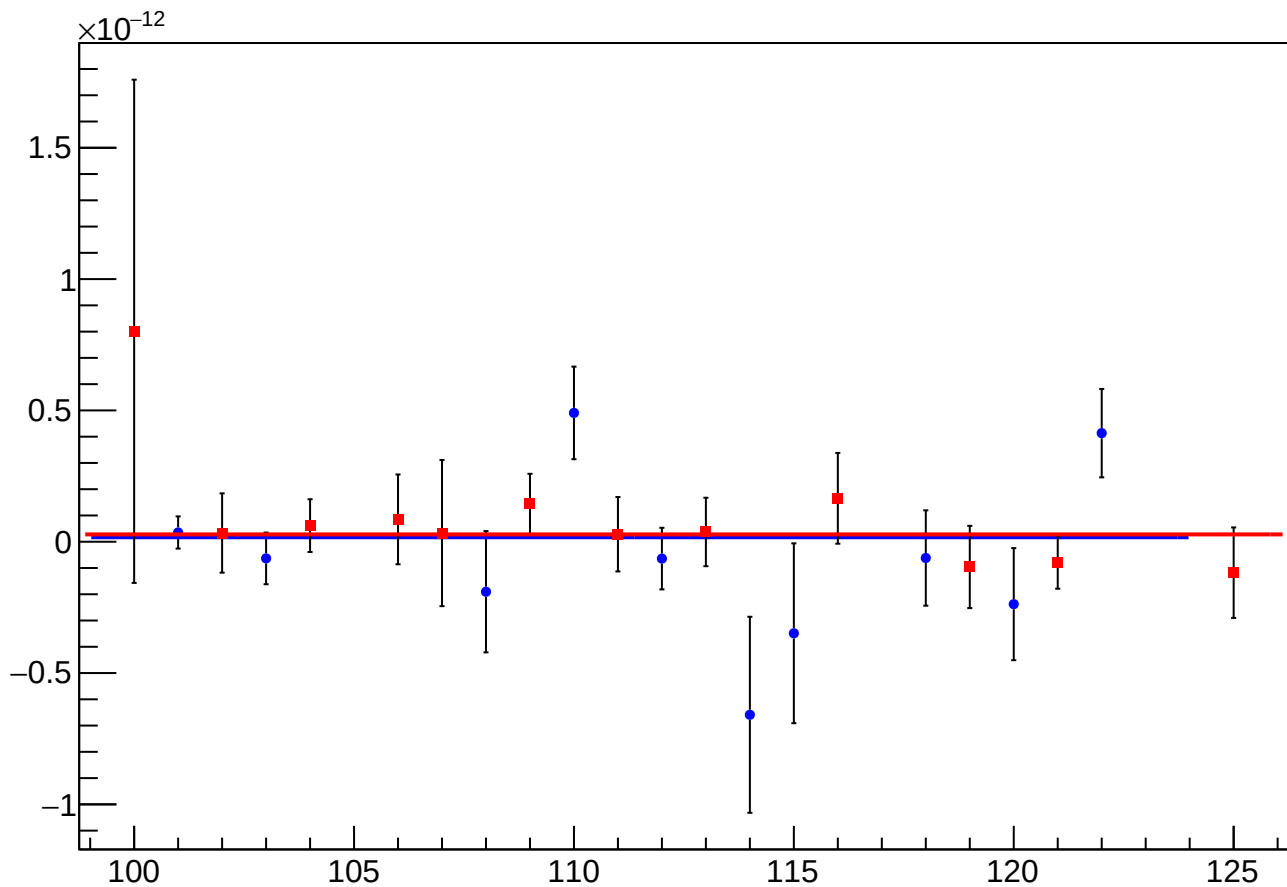
Right: 78.995+/-0.022 χ^2/NDF : 3509235.8/21

In: 83.896+/-0.033 χ^2/NDF : 1357451.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.995+/-0.022 χ^2/NDF : 3509235.8/21

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 : 5.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

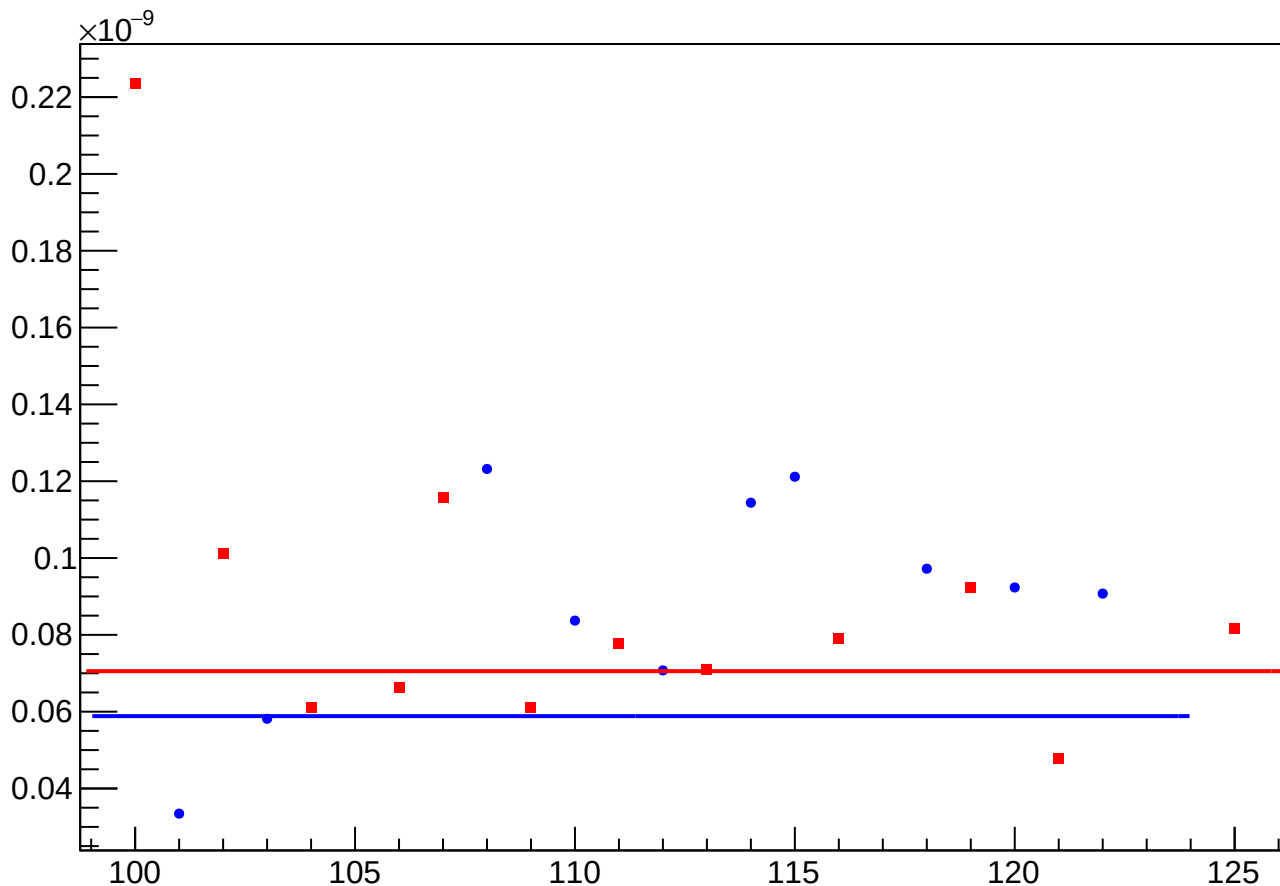
Right: 0.000+/-0.000 χ^2/NDF : 25.9/21

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 : 25.9/21

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 : 377372.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

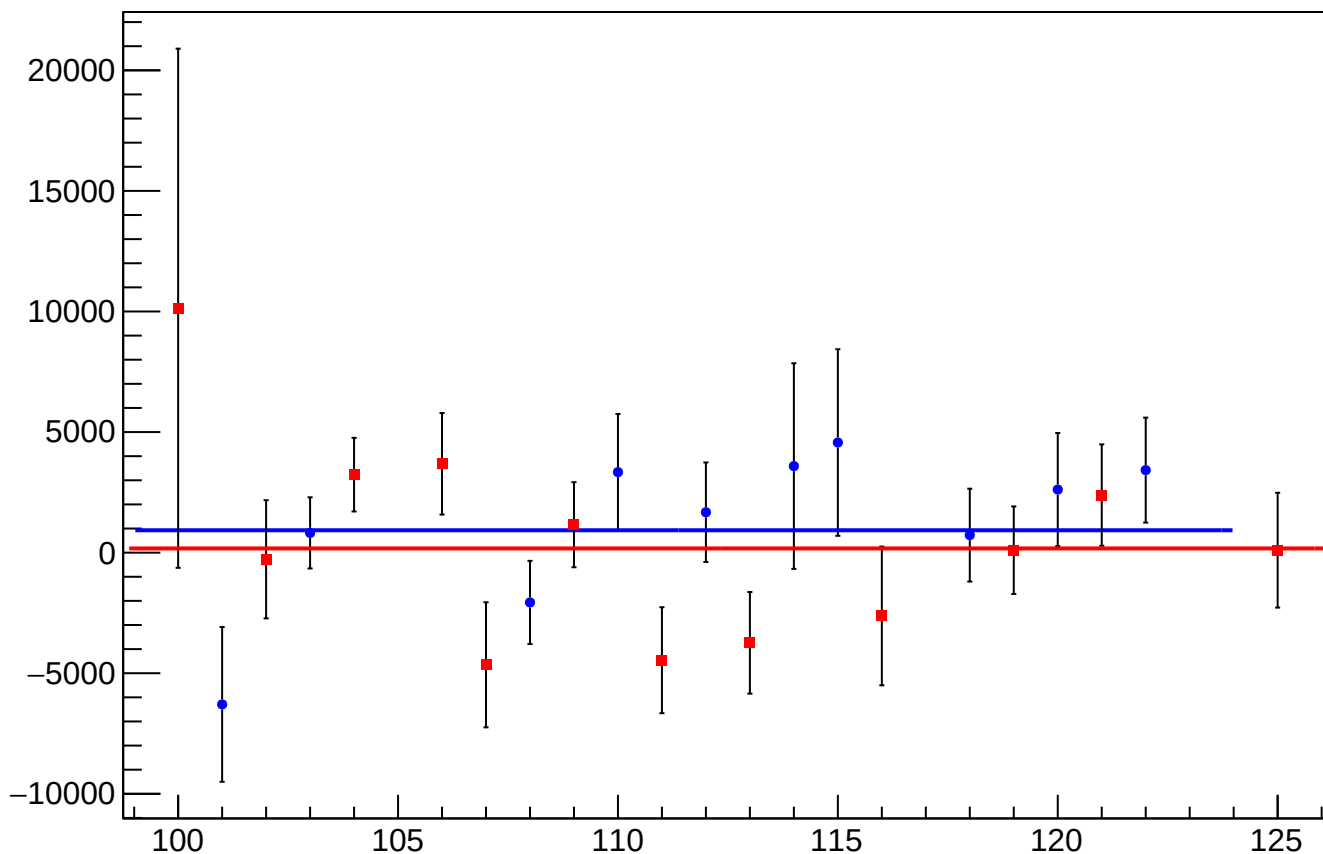
Right: 0.000+/-0.000 χ^2/NDF : 1338167.3/21

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 : 1338167.3/21

reg_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 928.543+/-692.675 χ^2/NDF : 12.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.604+/-625.105 χ^2/NDF : 21.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

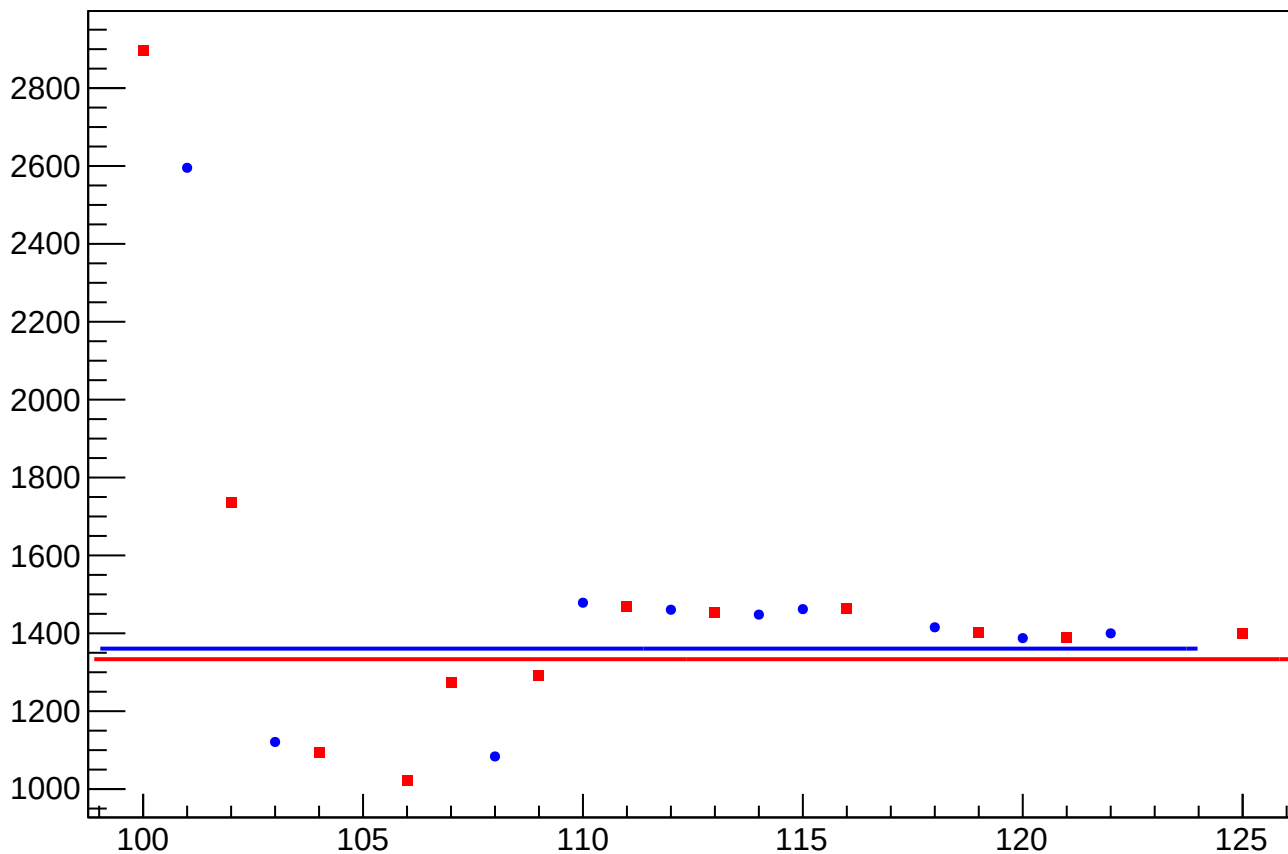
Right: 513.016+/-464.071 χ^2/NDF : 34.4/21

In: 928.543+/-692.675 χ^2/NDF : 12.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 513.016+/-464.071 χ^2/NDF : 34.4/21

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: 1333.528+/-0.442 χ^2/NDF : 215008.9/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

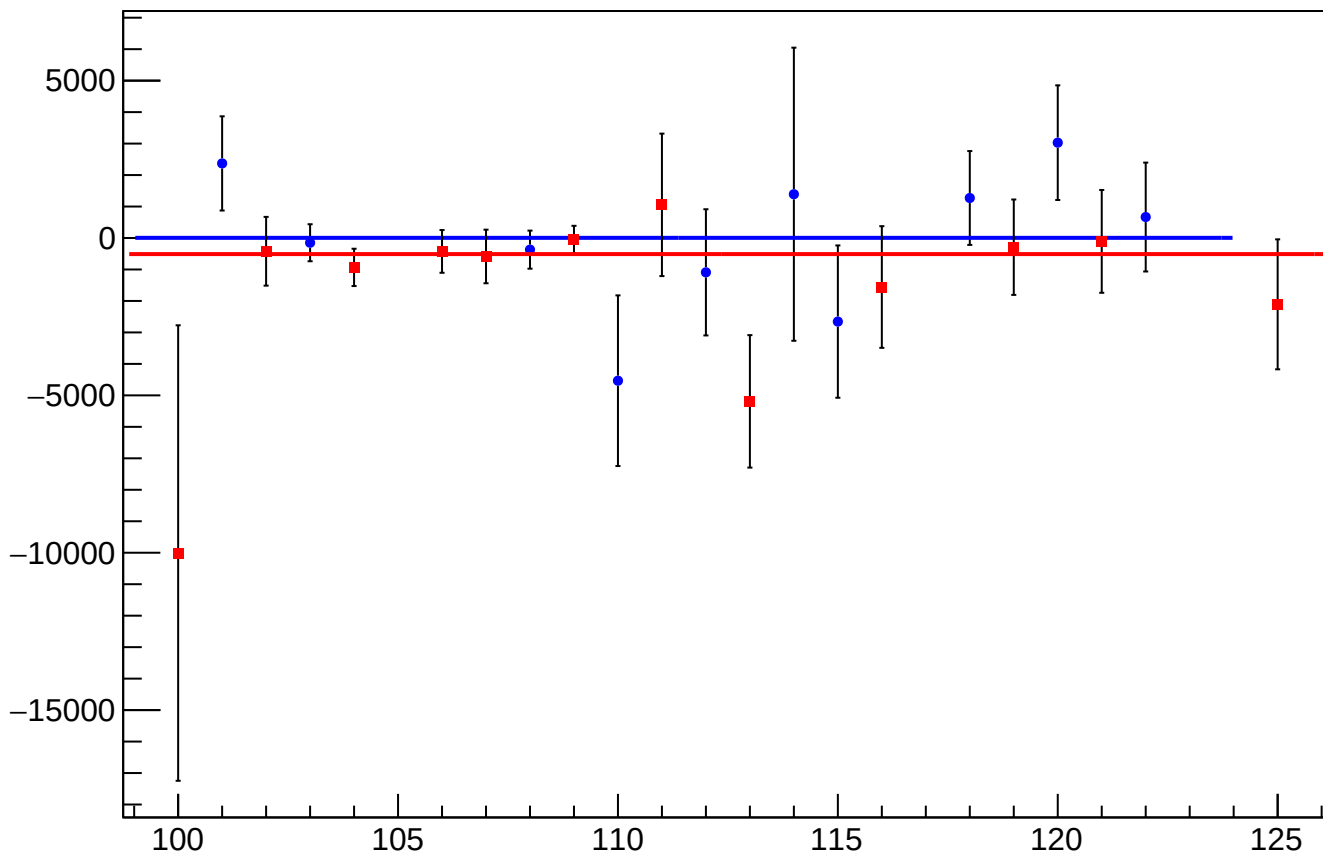
Right: 1345.698+/-0.328 χ^2/NDF : 631408.6/21

In: 1360.642+/-0.490 χ^2/NDF :414710.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1345.698+/-0.328 χ^2/NDF : 631408.6/21

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: -511.040+/-265.549 χ^2/NDF : 9.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

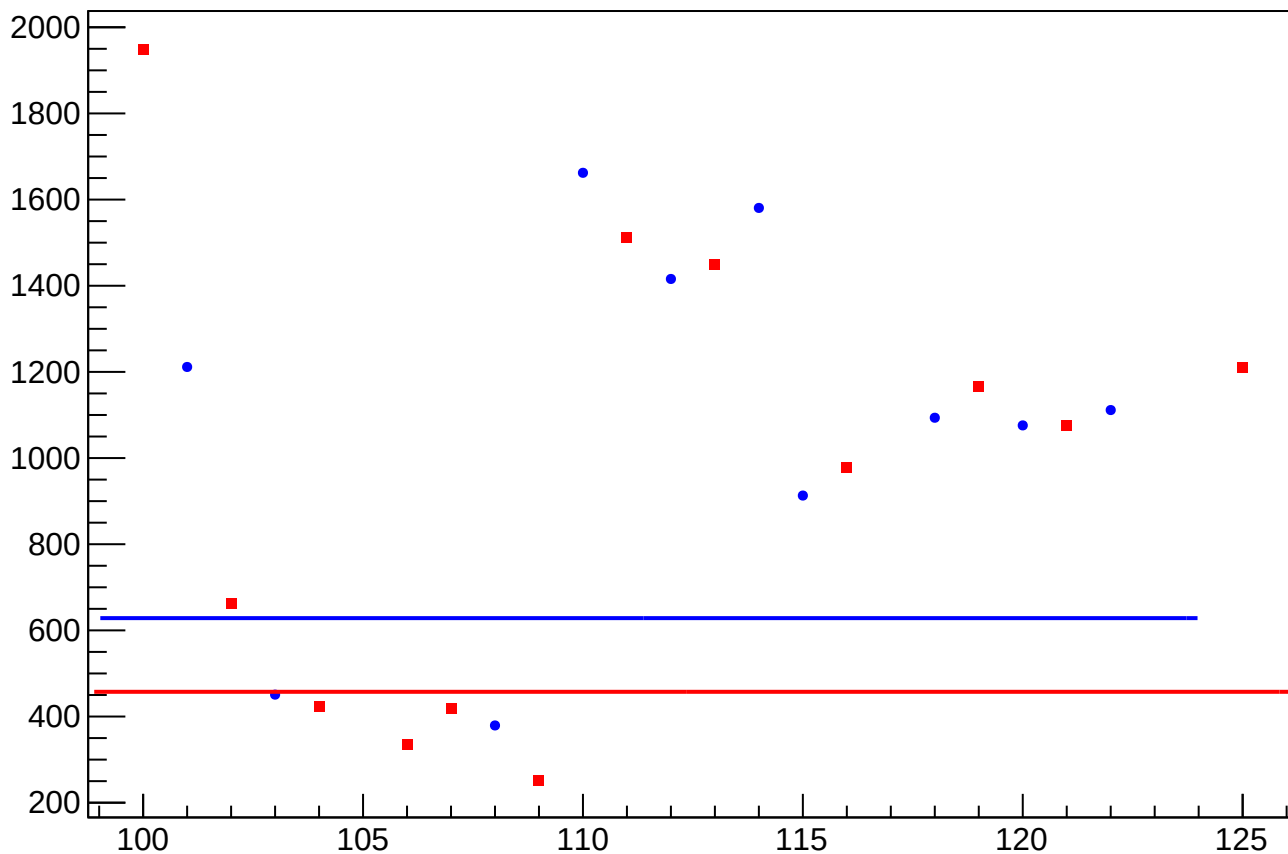
Right: -328.360+/-213.485 χ^2/NDF : 22.1/21

In: 5.468+/-358.972 χ^2/NDF : 11.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -328.360+/-213.485 χ^2/NDF : 22.1/21

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: 457.407+/-0.188 χ^2/NDF : 2687353.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

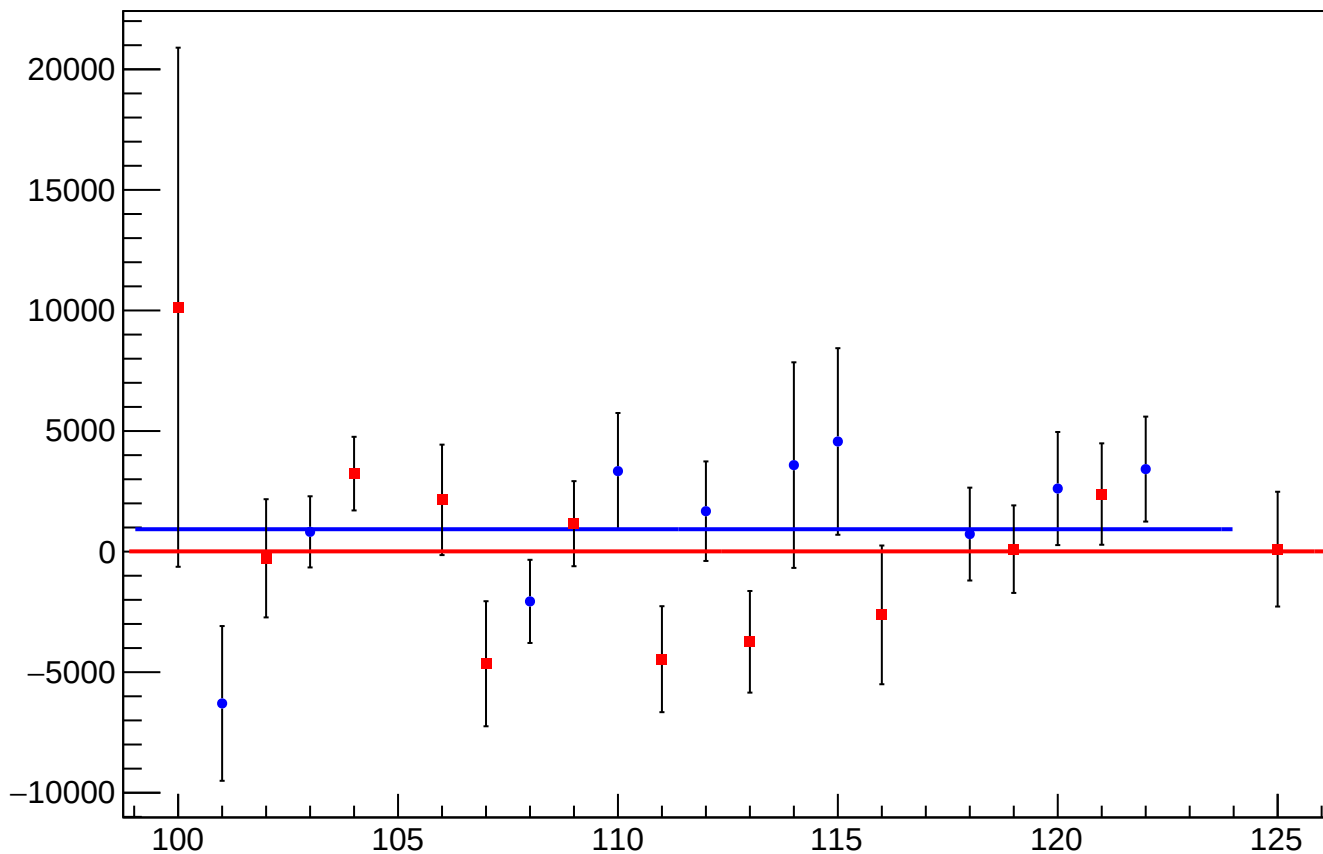
Right: 517.897+/-0.151 χ^2/NDF : 4987744.0/21

In: 628.437+/-0.254 χ^2/NDF : 2006963.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 517.897+/-0.151 χ^2/NDF : 4987744.0/21

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: 9.603+/-629.412 χ^2/NDF : 19.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

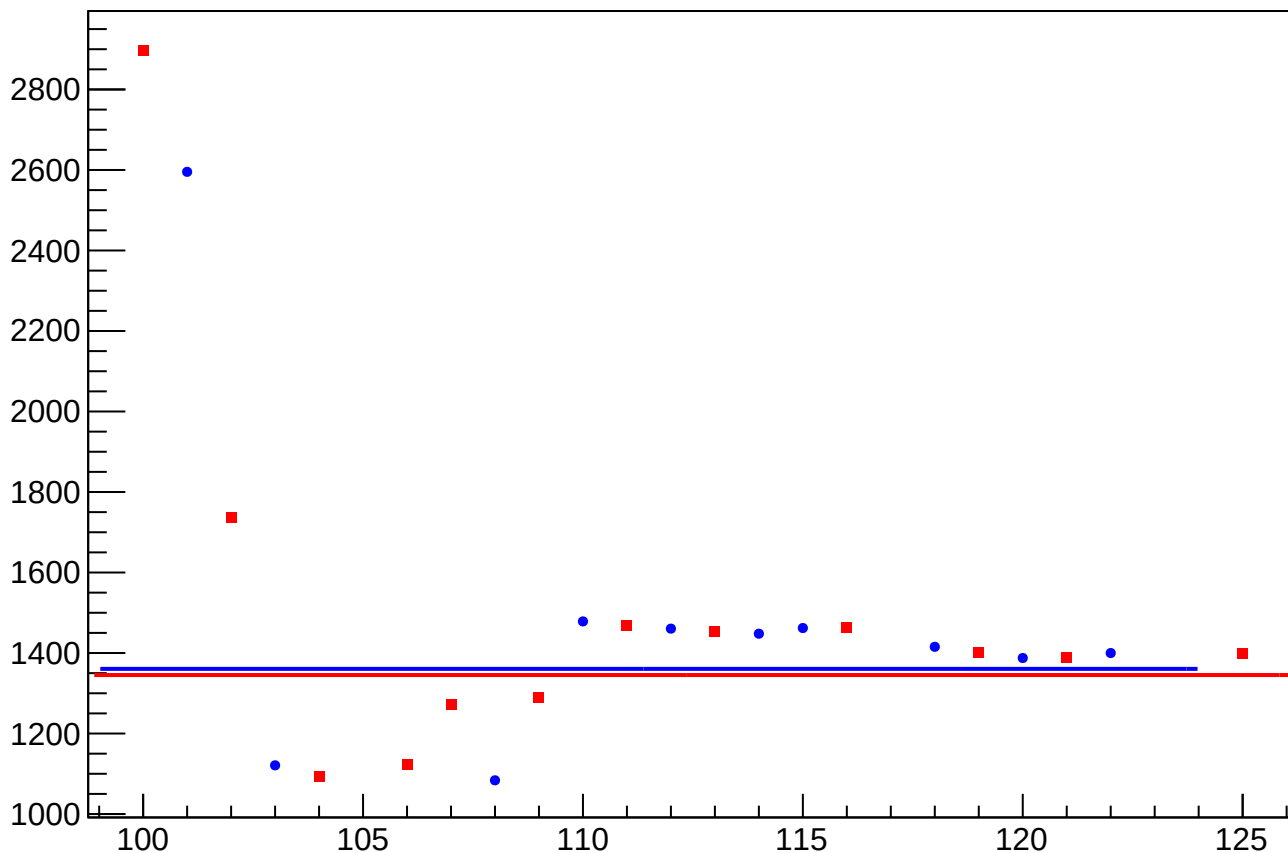
Right: 425.120+/-465.825 χ^2/NDF : 32.6/21

In: 928.365+/-692.675 χ^2/NDF : 12.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 425.120+/-465.825 χ^2/NDF : 32.6/21

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: 1345.316+/-0.445 χ^2/NDF : 187806.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

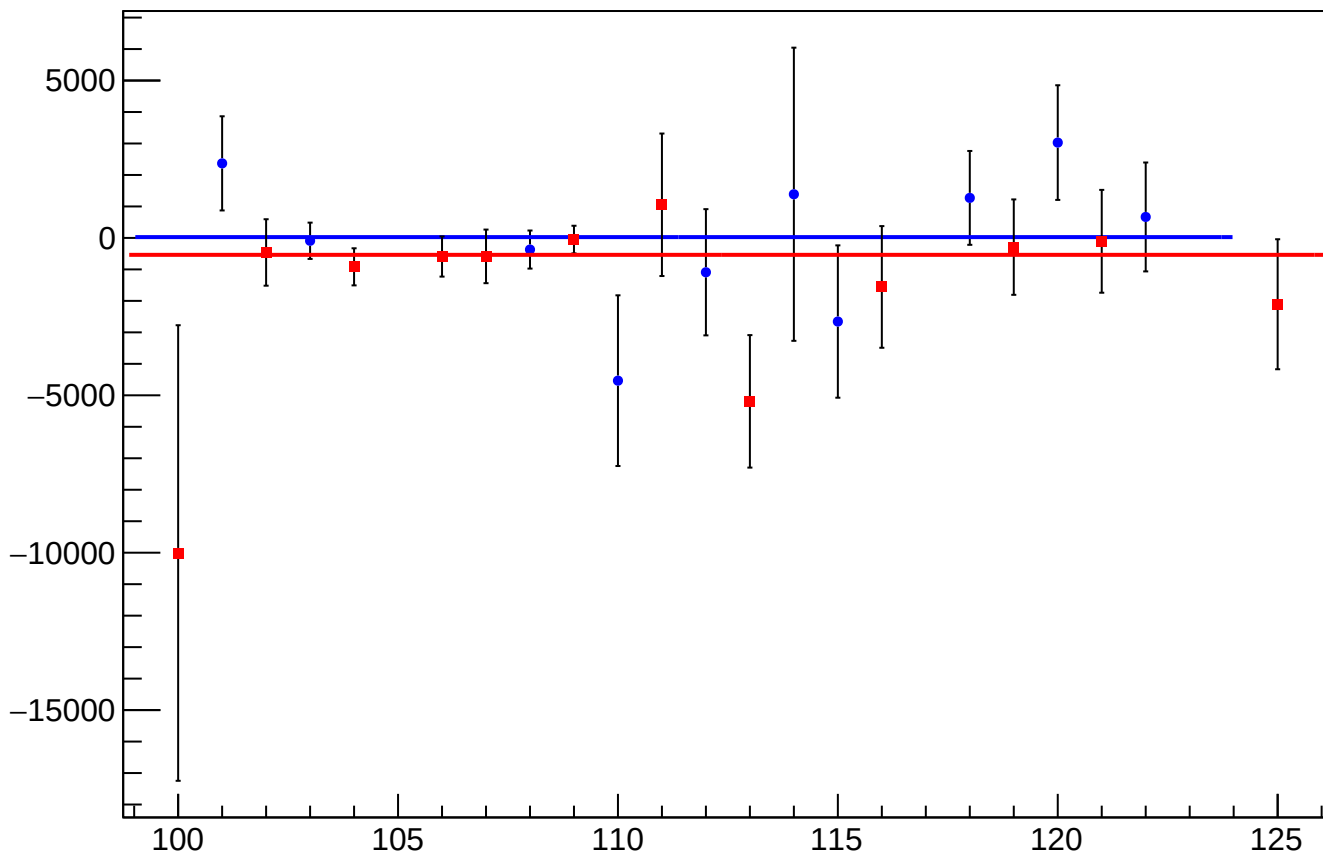
Right: 1352.247+/-0.329 χ^2/NDF : 603053.7/21

In: 1360.642+/-0.490 χ^2/NDF : 414710.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1352.247+/-0.329 χ^2/NDF : 603053.7/21

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: -537.415+/-262.058 χ^2 /NDF: 9.7/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

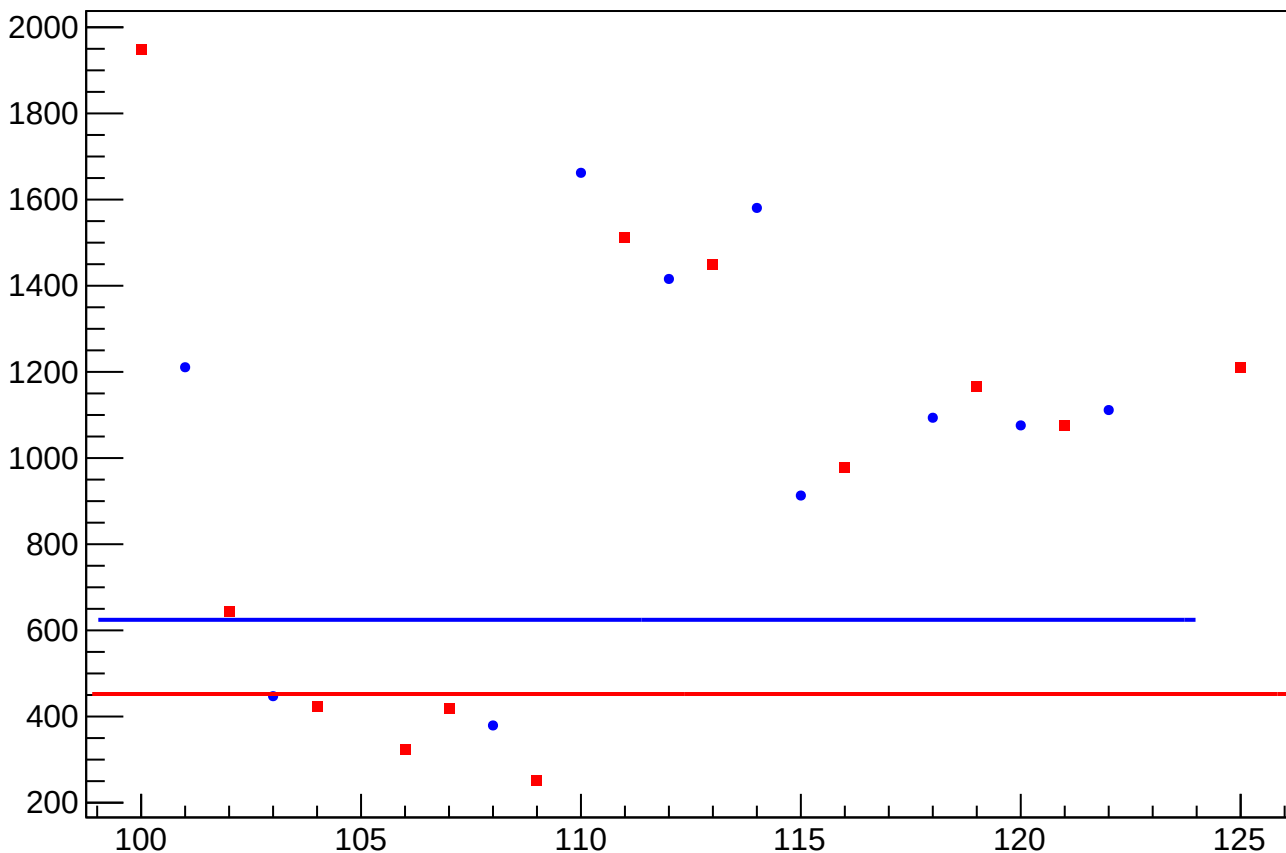
Right: -339.677+/-211.124 χ^2 /NDF: 22.3/21

In: 26.022+/-356.381 χ^2 /NDF:10.9/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -339.677+/-211.124 χ^2 /NDF: 22.3/21

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: 452.302+/-0.185 χ^2/NDF : 2701737.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

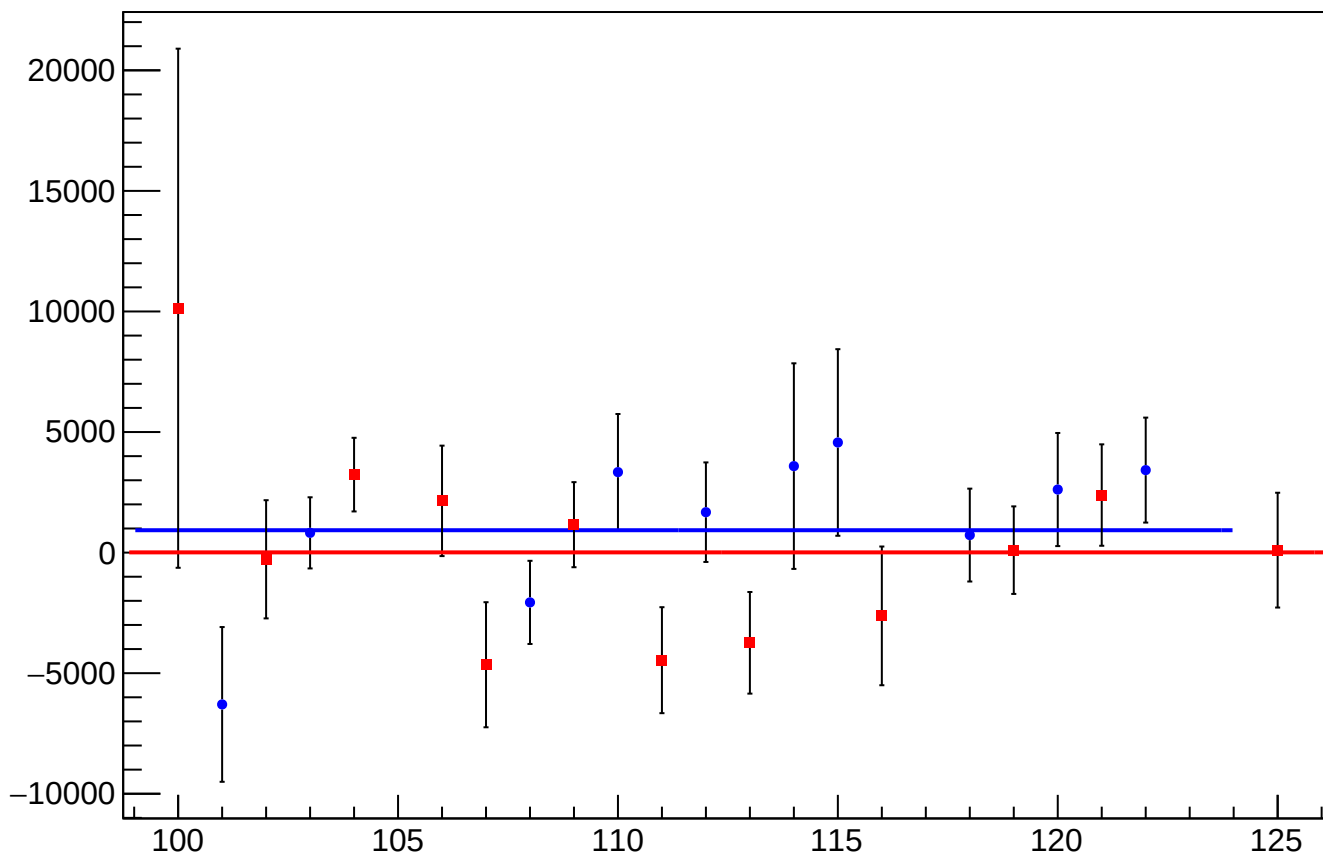
Right: 512.740+/-0.149 χ^2/NDF : 5026079.9/21

In: 624.516+/-0.252 χ^2/NDF : 2021221.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 512.740+/-0.149 χ^2/NDF : 5026079.9/21

eigen_cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 928.365 $\pm$ 692.675 χ^2 /NDF: 12.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 9.603 $\pm$ 629.412 χ^2 /NDF: 19.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

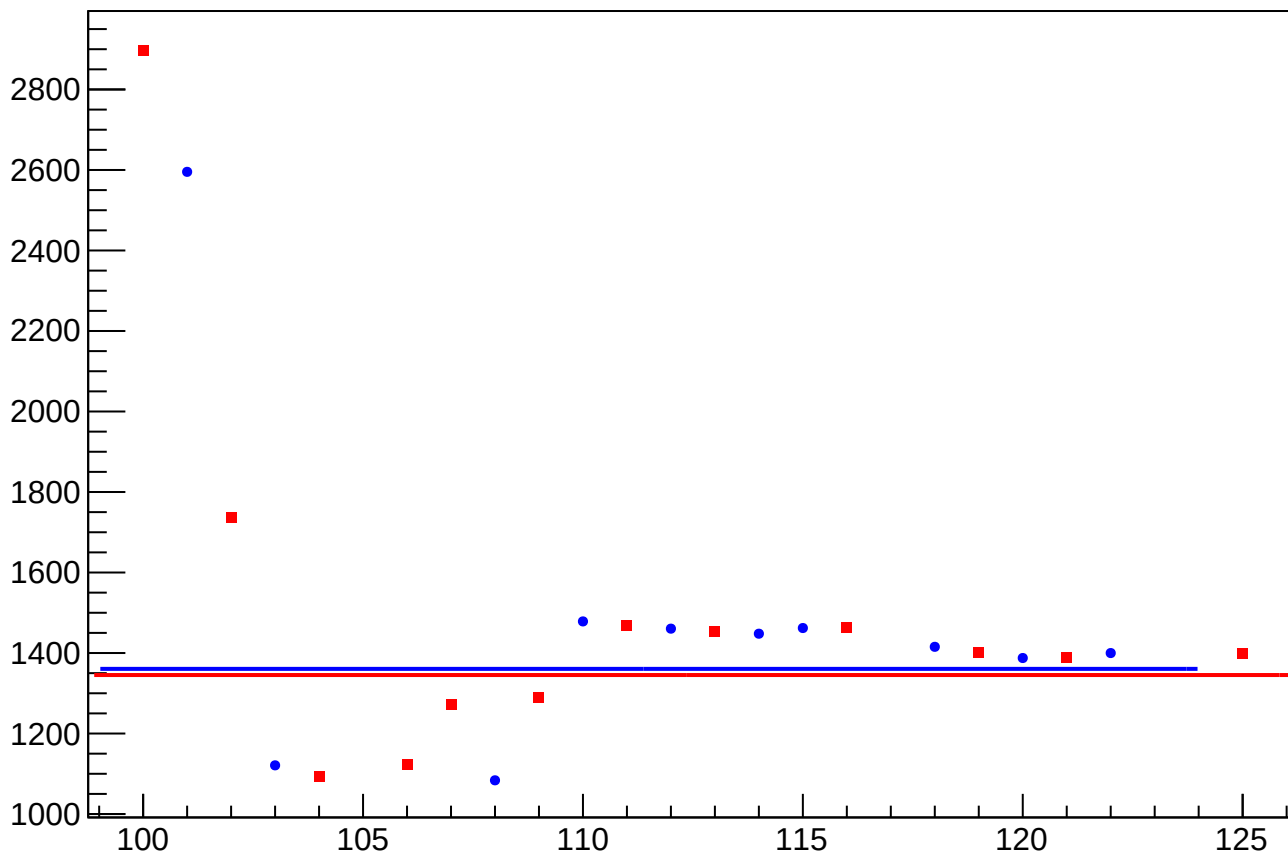
Right: 425.120 $\pm$ 465.825 χ^2 /NDF: 32.6/21

In: 928.365 $\pm$ 692.675 χ^2 /NDF:12.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 425.120 $\pm$ 465.825 χ^2 /NDF: 32.6/21

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: 1345.316+/-0.445 χ^2/NDF : 187806.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

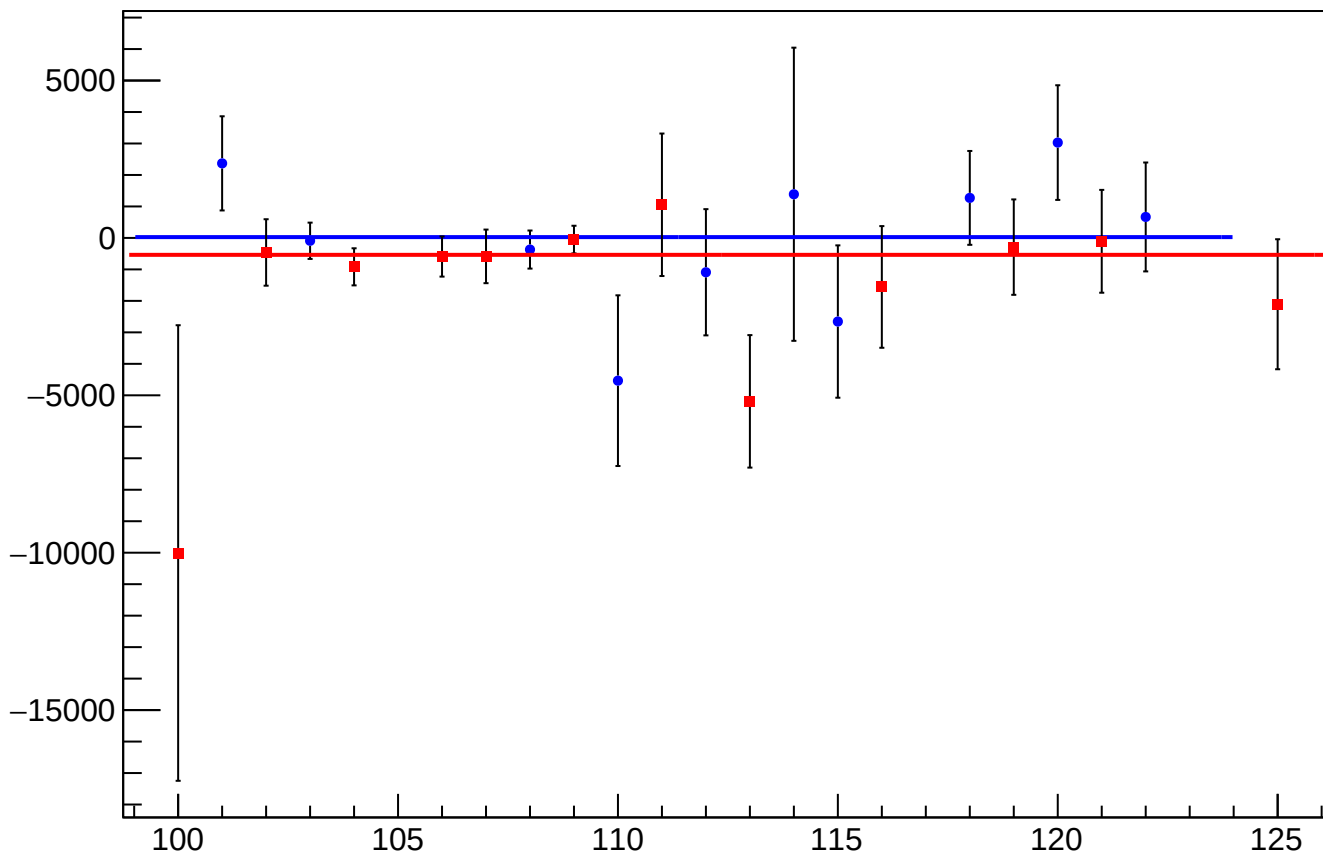
Right: 1352.247+/-0.329 χ^2/NDF : 603053.7/21

In: 1360.642+/-0.490 χ^2/NDF : 414710.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1352.247+/-0.329 χ^2/NDF : 603053.7/21

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: -537.415+/-262.058 χ^2 /NDF: 9.7/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

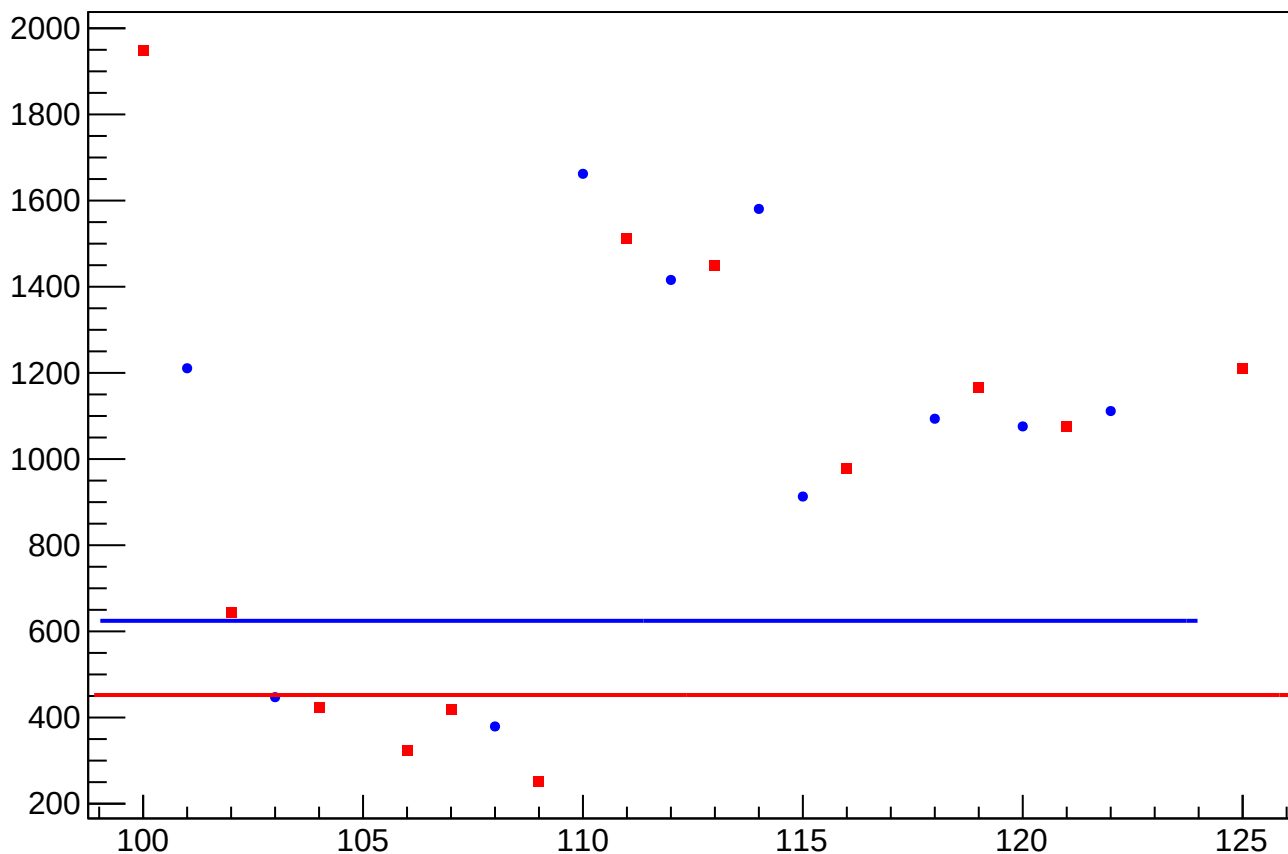
Right: -339.677+/-211.124 χ^2 /NDF: 22.3/21

In: 26.022+/-356.381 χ^2 /NDF:10.9/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -339.677+/-211.124 χ^2 /NDF: 22.3/21

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: 452.302+/-0.185 χ^2/NDF : 2701737.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

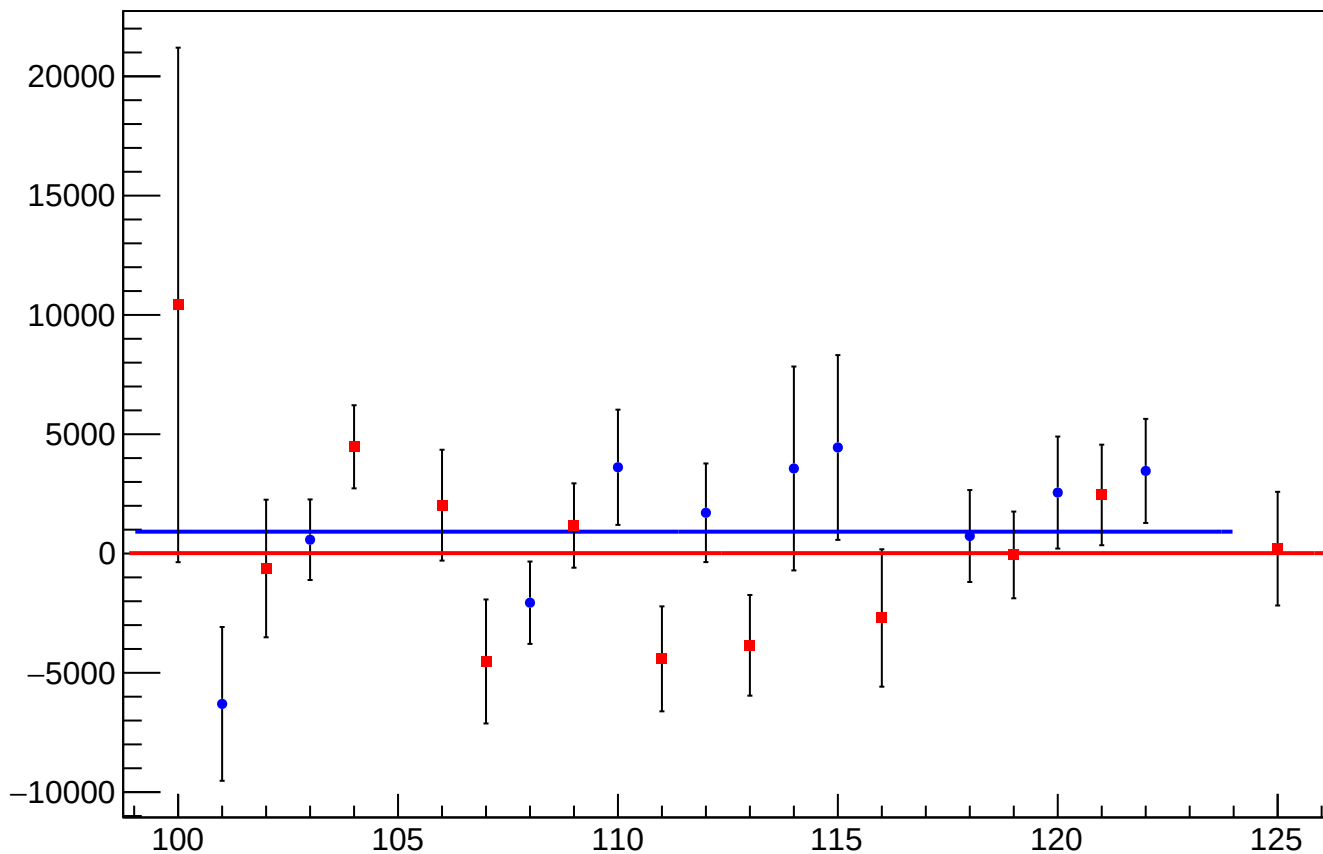
Right: 512.740+/-0.149 χ^2/NDF : 5026079.9/21

In: 624.516+/-0.252 χ^2/NDF : 2021221.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 512.740+/-0.149 χ^2/NDF : 5026079.9/21

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: 16.284+/-649.815 χ^2/NDF : 21.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

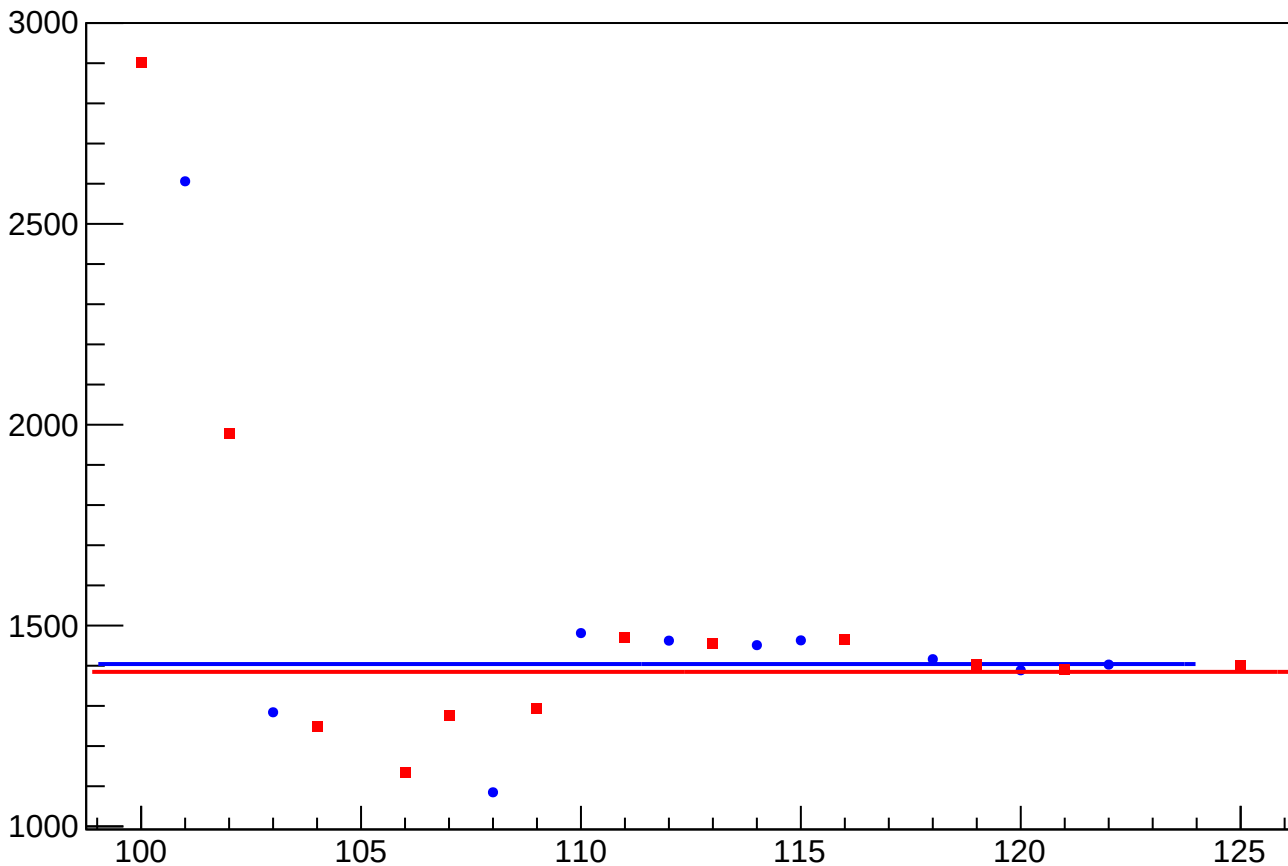
Right: 424.811+/-480.075 χ^2/NDF : 34.8/21

In: 915.739+/-712.341 χ^2/NDF : 12.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 424.811+/-480.075 χ^2/NDF : 34.8/21

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: 1384.725+/-0.459 χ^2/NDF : 176060.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

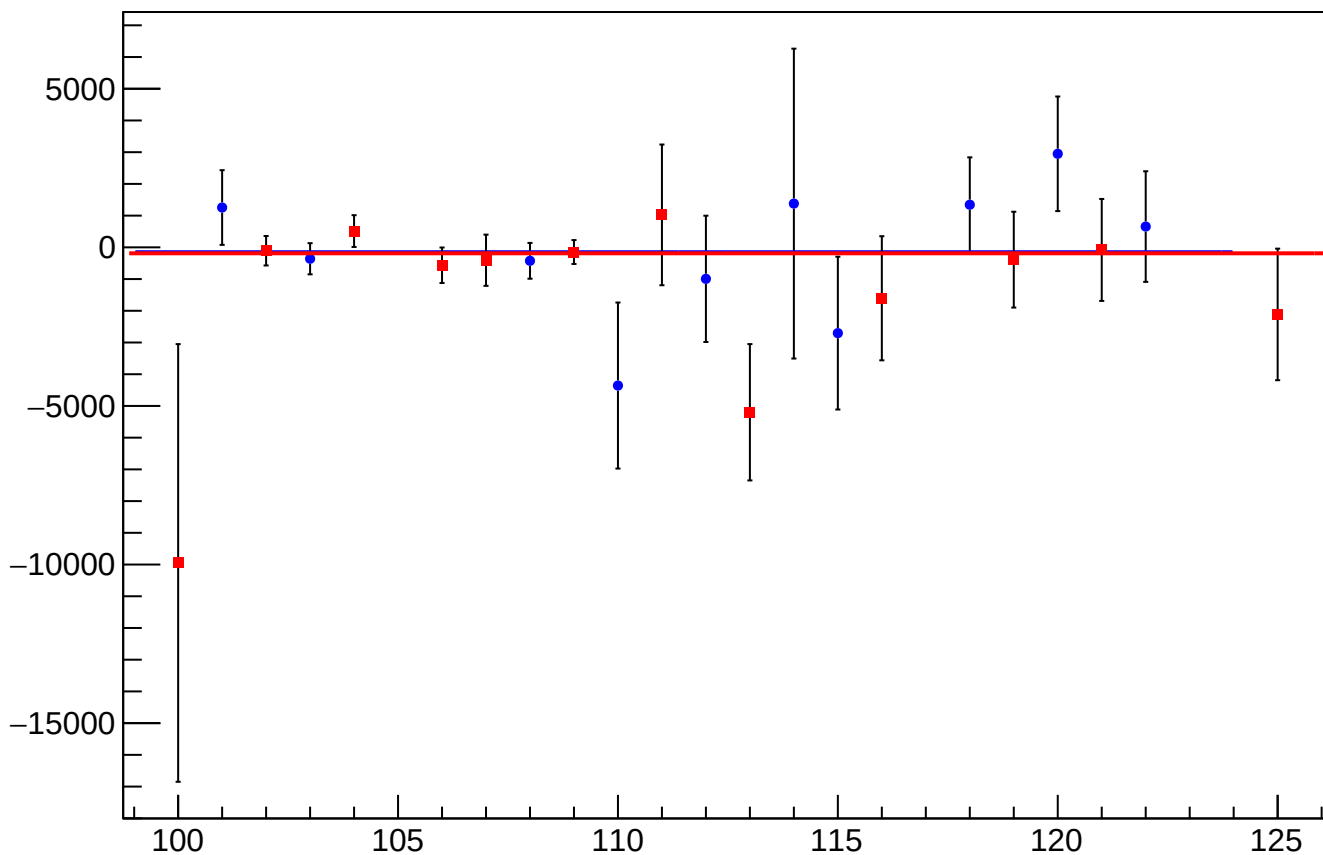
Right: 1393.563+/-0.339 χ^2/NDF : 538121.2/21

In: 1404.185+/-0.504 χ^2/NDF : 361246.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1393.563+/-0.339 χ^2/NDF : 538121.2/21

asym_us_dd_at2lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -153.664 $\pm$ 321.096 χ^2 /NDF: 10.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -187.725 $\pm$ 212.377 χ^2 /NDF: 11.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

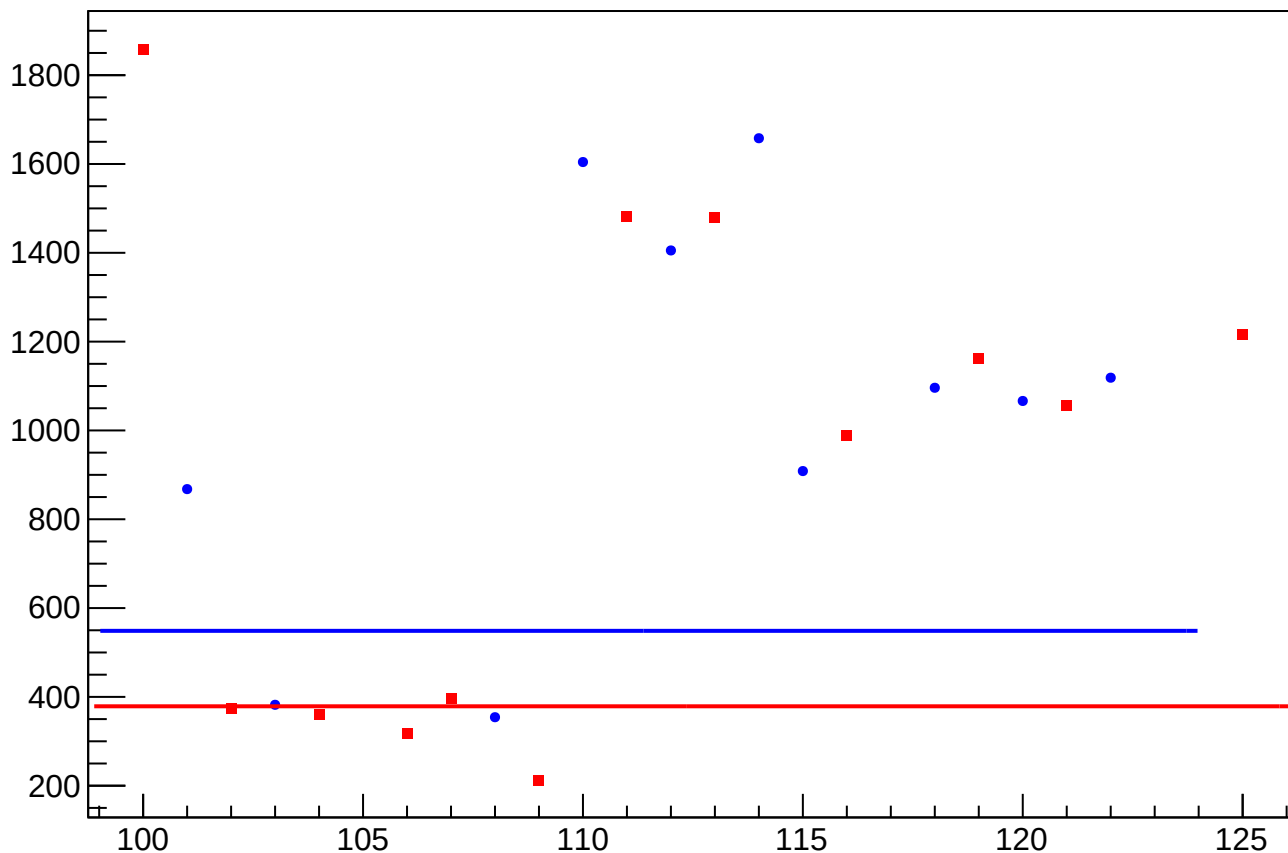
Right: -177.359 $\pm$ 177.137 χ^2 /NDF: 21.7/21

In: -153.664 $\pm$ 321.096 χ^2 /NDF:10.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -177.359 $\pm$ 177.137 χ^2 /NDF: 21.7/21

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: 378.820+/-0.150 χ^2/NDF : 2948022.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

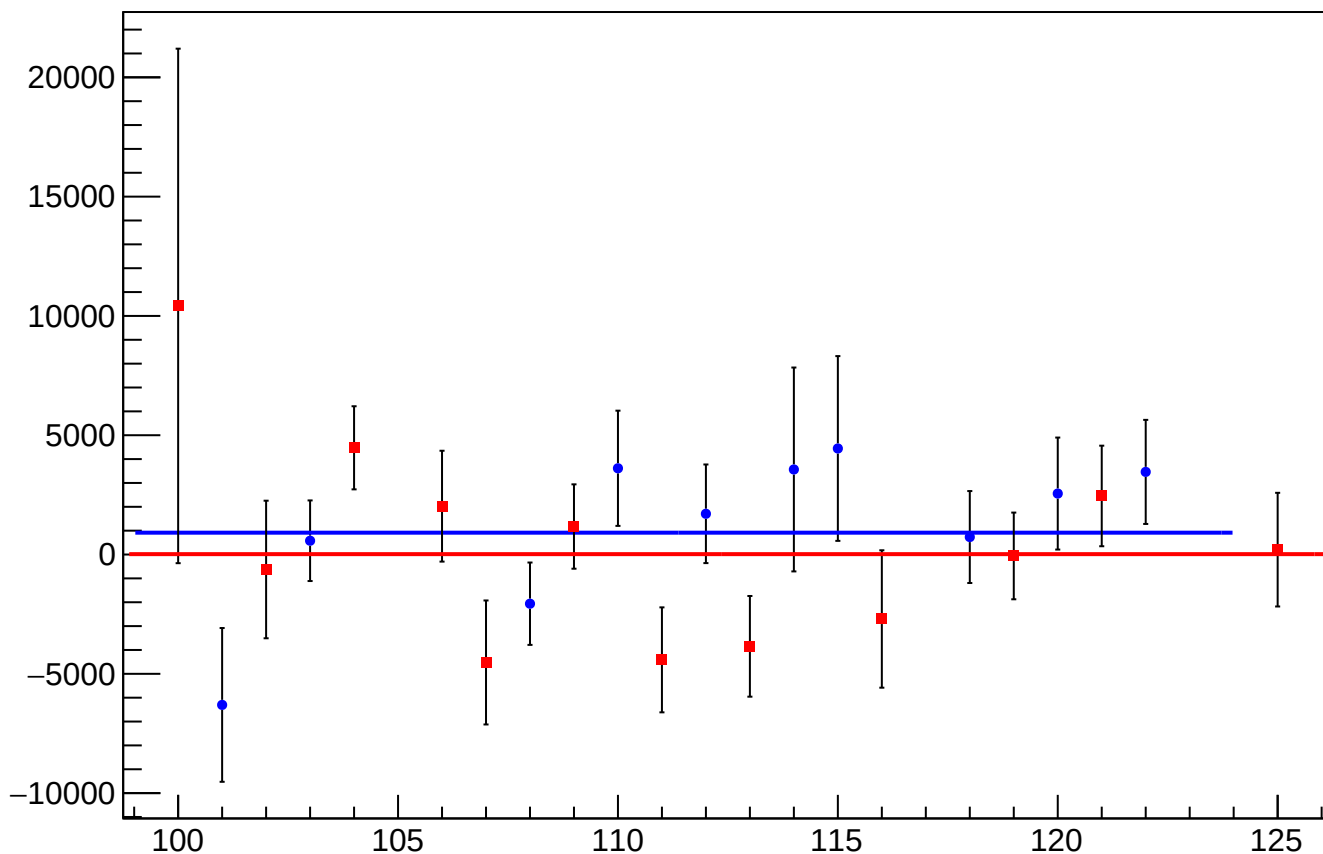
Right: 430.529+/-0.125 χ^2/NDF : 5441760.8/21

In: 548.732+/-0.227 χ^2/NDF : 2104147.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 430.529+/-0.125 χ^2/NDF : 5441760.8/21

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: 16.280+/-649.815 χ^2/NDF : 21.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

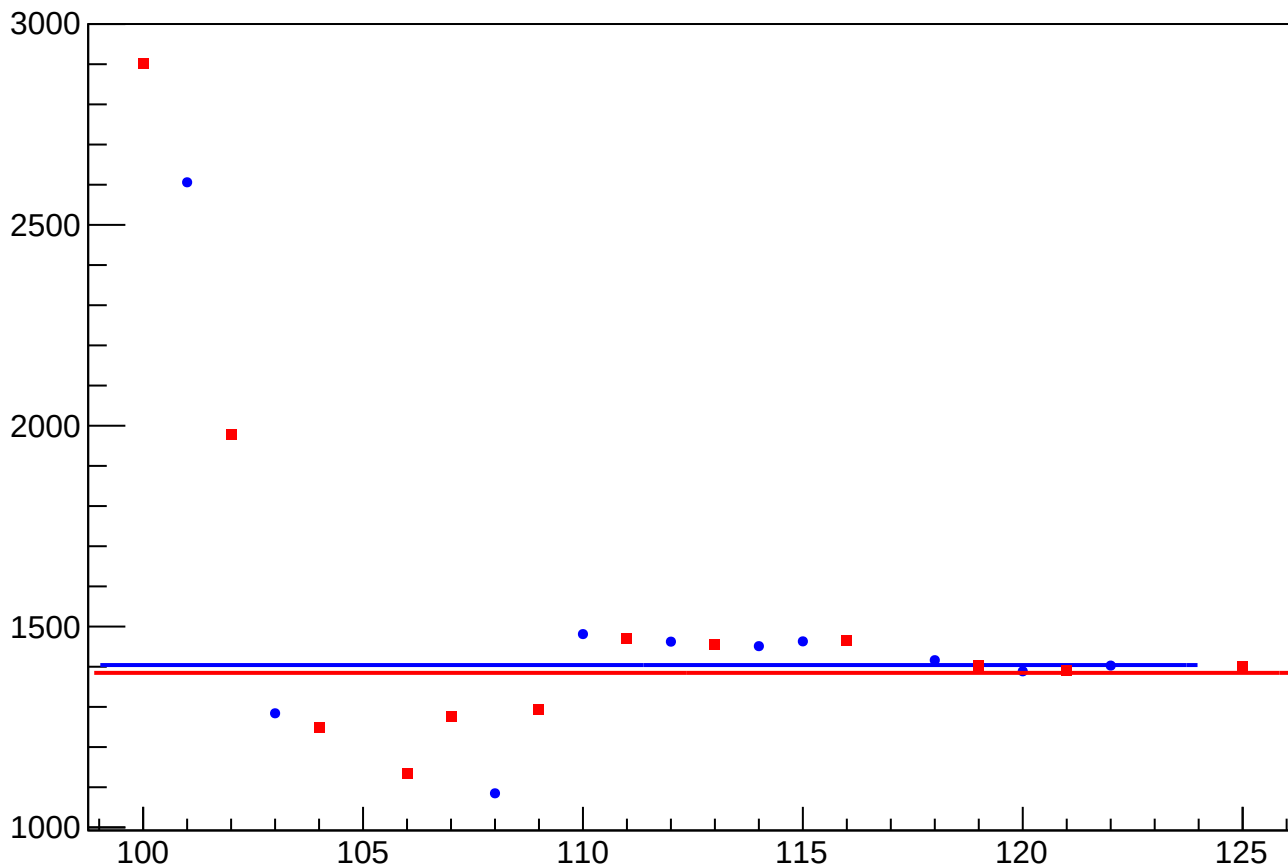
Right: 424.807+/-480.075 χ^2/NDF : 34.8/21

In: 915.734+/-712.341 χ^2/NDF :12.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 424.807+/-480.075 χ^2/NDF : 34.8/21

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: 1384.725+/-0.459 χ^2/NDF : 176060.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

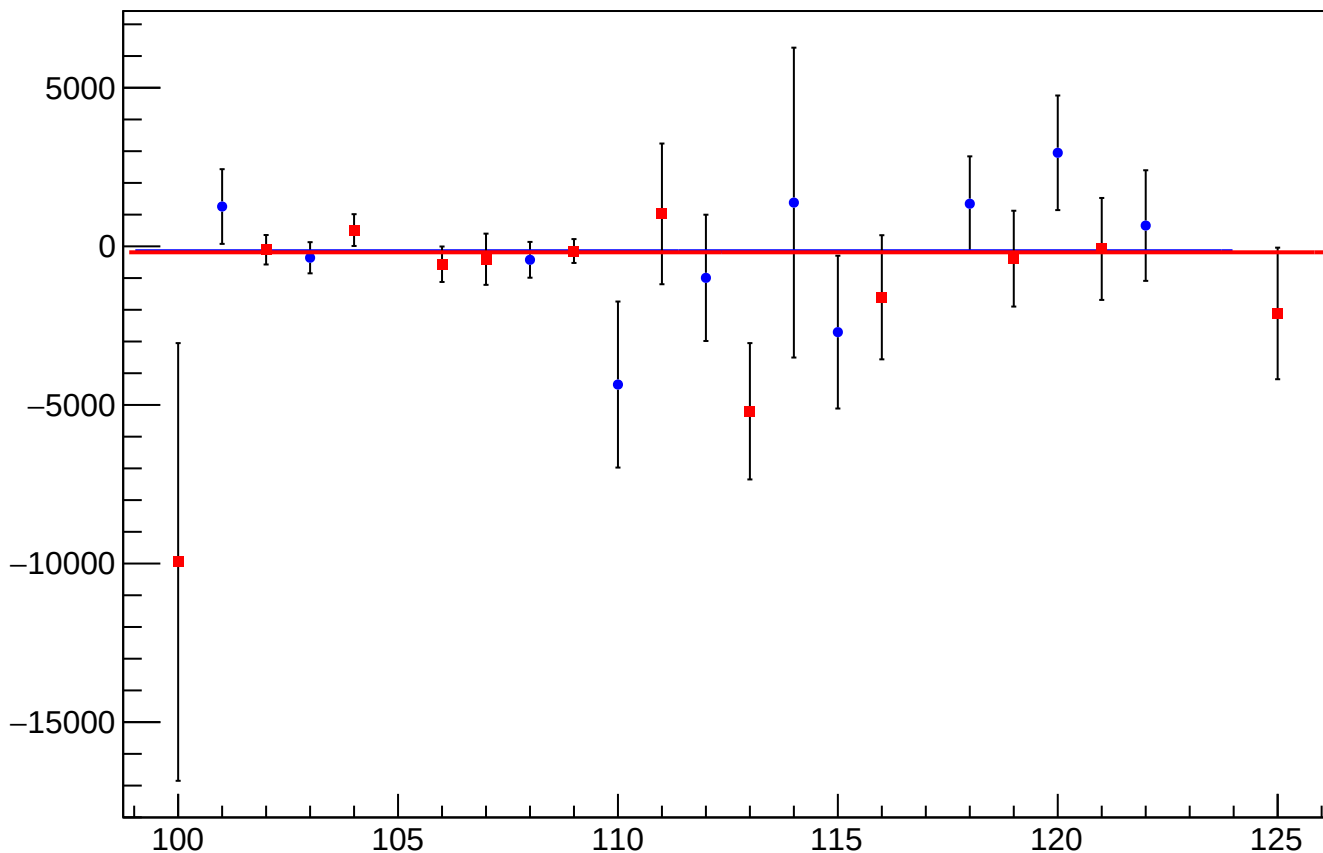
Right: 1393.563+/-0.339 χ^2/NDF : 538120.9/21

In: 1404.185+/-0.504 χ^2/NDF : 361245.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1393.563+/-0.339 χ^2/NDF : 538120.9/21

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: -187.720+/-212.378 χ^2 /NDF: 11.7/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

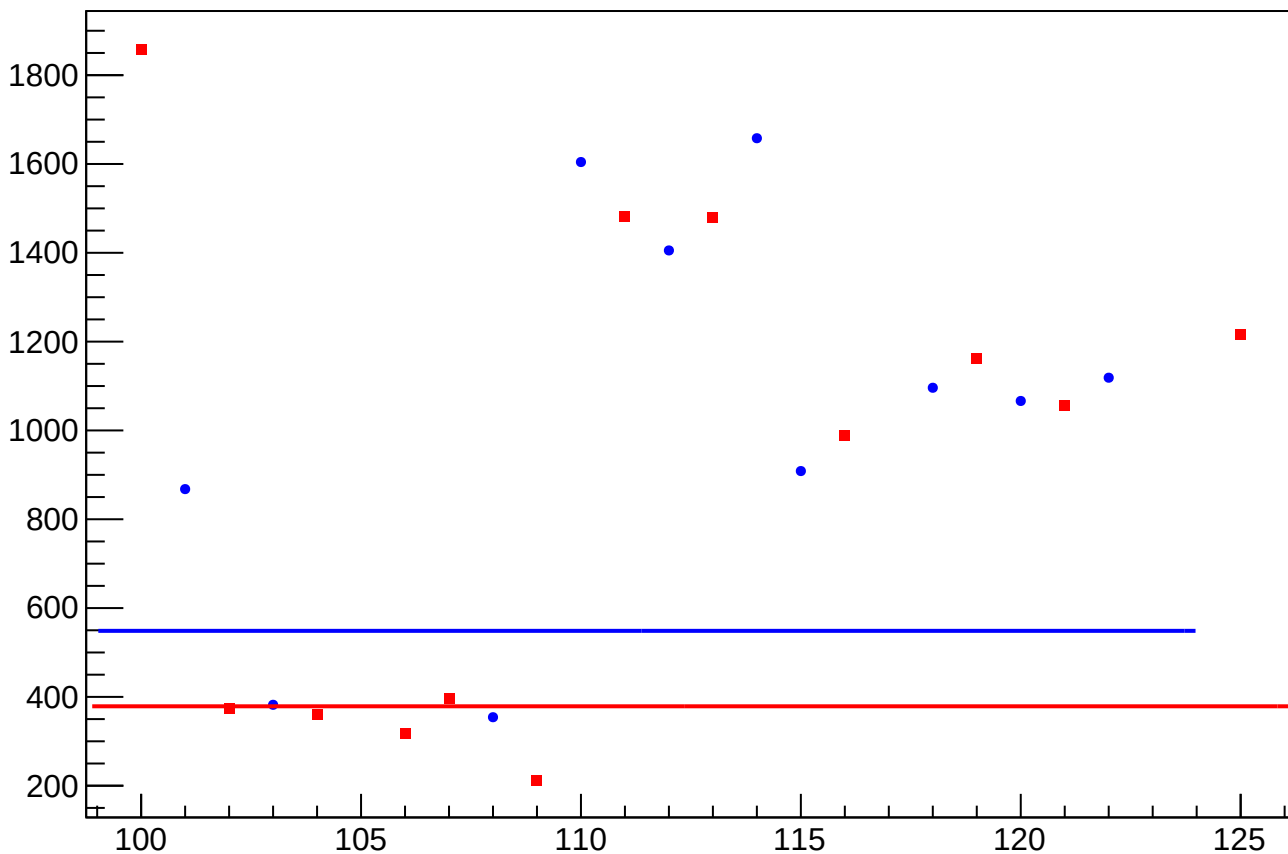
Right: -177.358+/-177.137 χ^2 /NDF: 21.7/21

In: -153.674+/-321.091 χ^2 /NDF:10.0/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -177.358+/-177.137 χ^2 /NDF: 21.7/21

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: 378.824+/-0.150 χ^2/NDF : 2947955.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

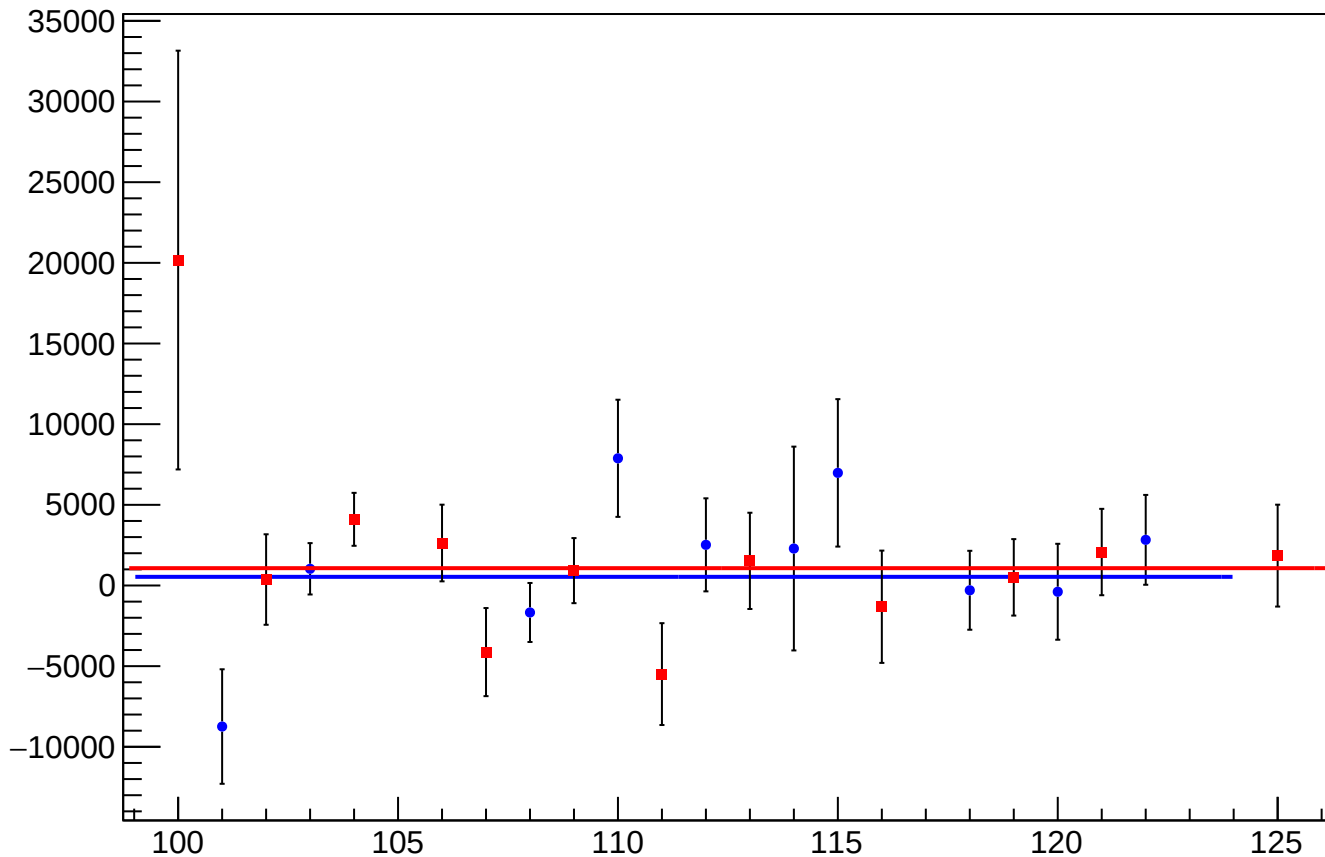
Right: 430.531+/-0.125 χ^2/NDF : 5441686.1/21

In: 548.722+/-0.227 χ^2/NDF :2104197.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 430.531+/-0.125 χ^2/NDF : 5441686.1/21

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: 1074.000+/-750.681 χ^2/NDF : 14.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

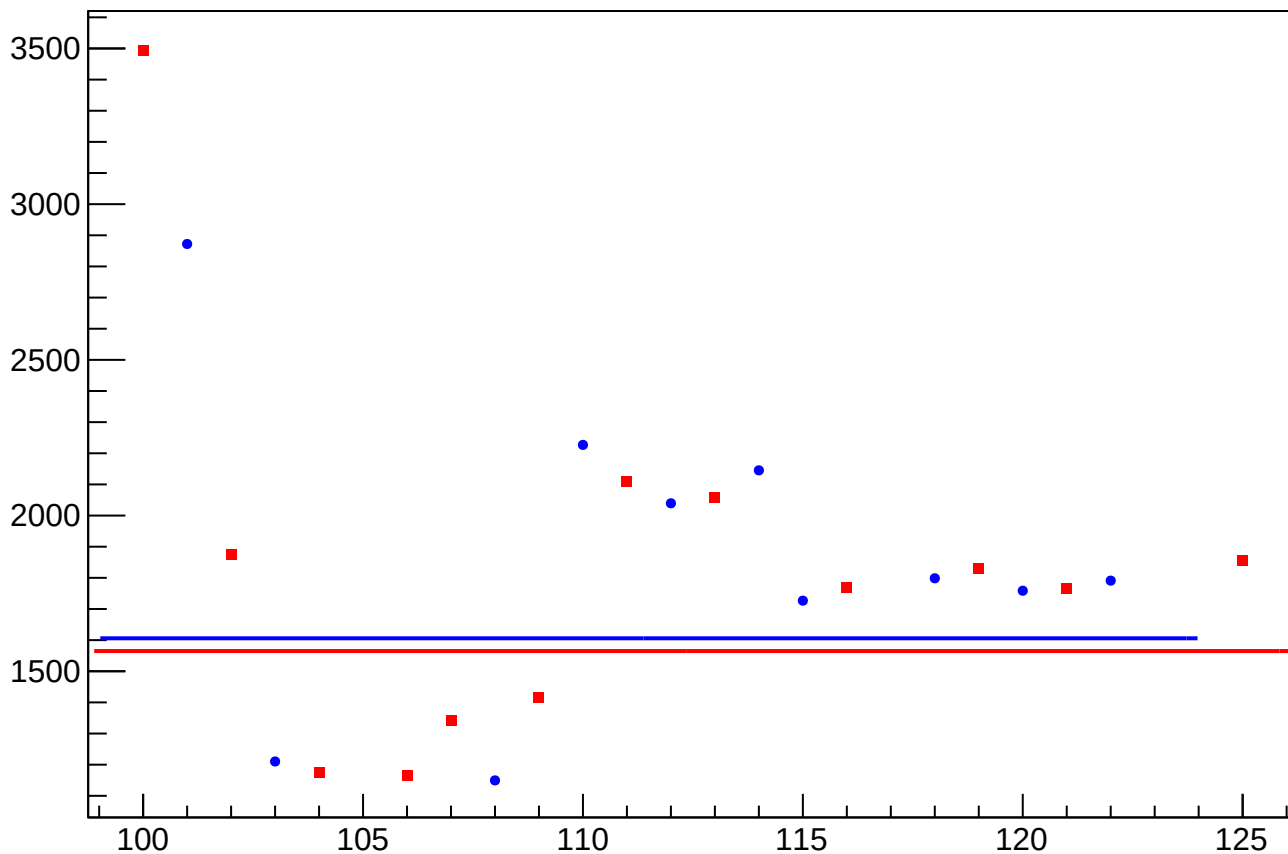
Right: 832.210+/-556.799 χ^2/NDF : 30.9/21

In: 536.503+/-830.171 χ^2/NDF : 15.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 832.210+/-556.799 χ^2/NDF : 30.9/21

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: 1564.959+/-0.531 χ^2/NDF : 436062.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

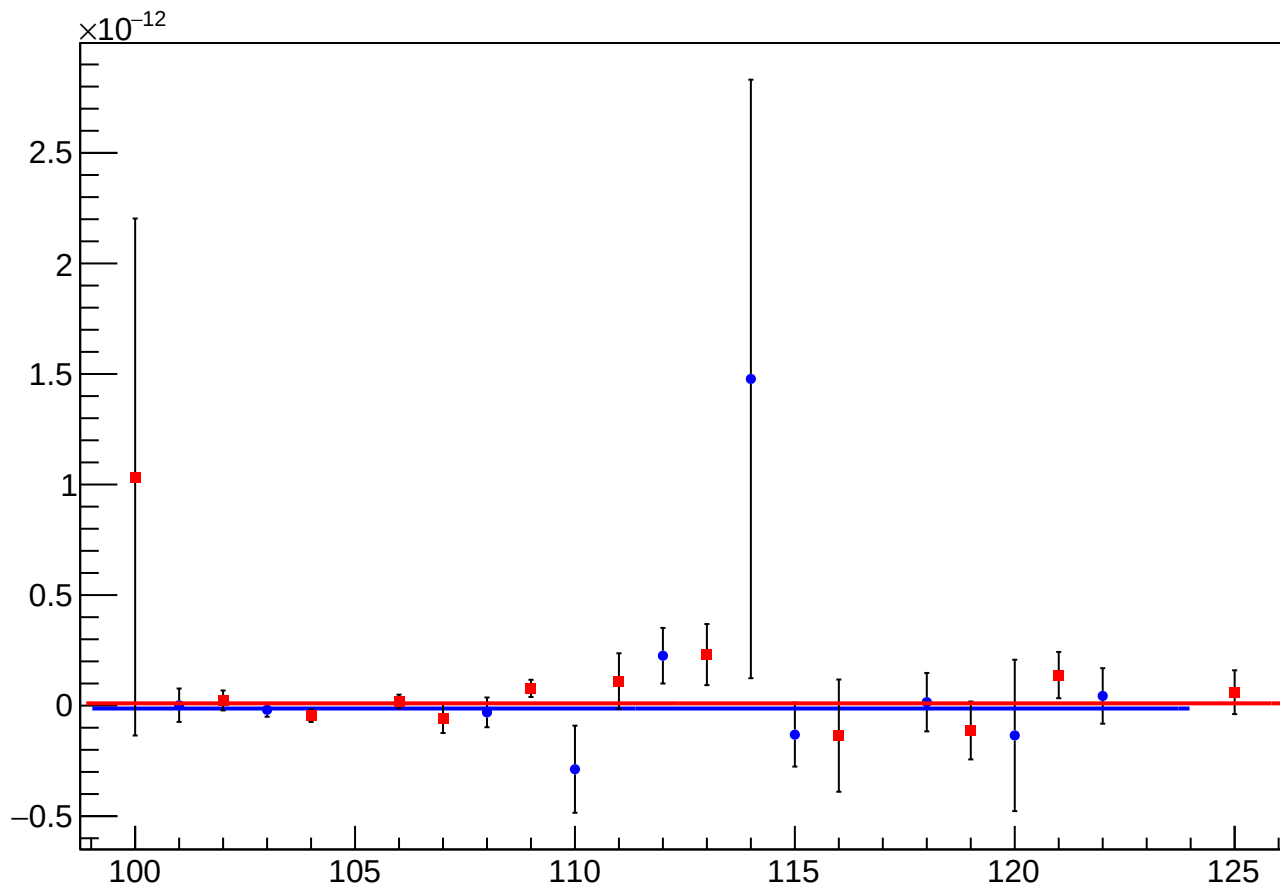
Right: 1583.356+/-0.394 χ^2/NDF : 1087509.9/21

In: 1605.857+/-0.587 χ^2/NDF : 648776.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1583.356+/-0.394 χ^2/NDF : 1087509.9/21

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 : 15.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

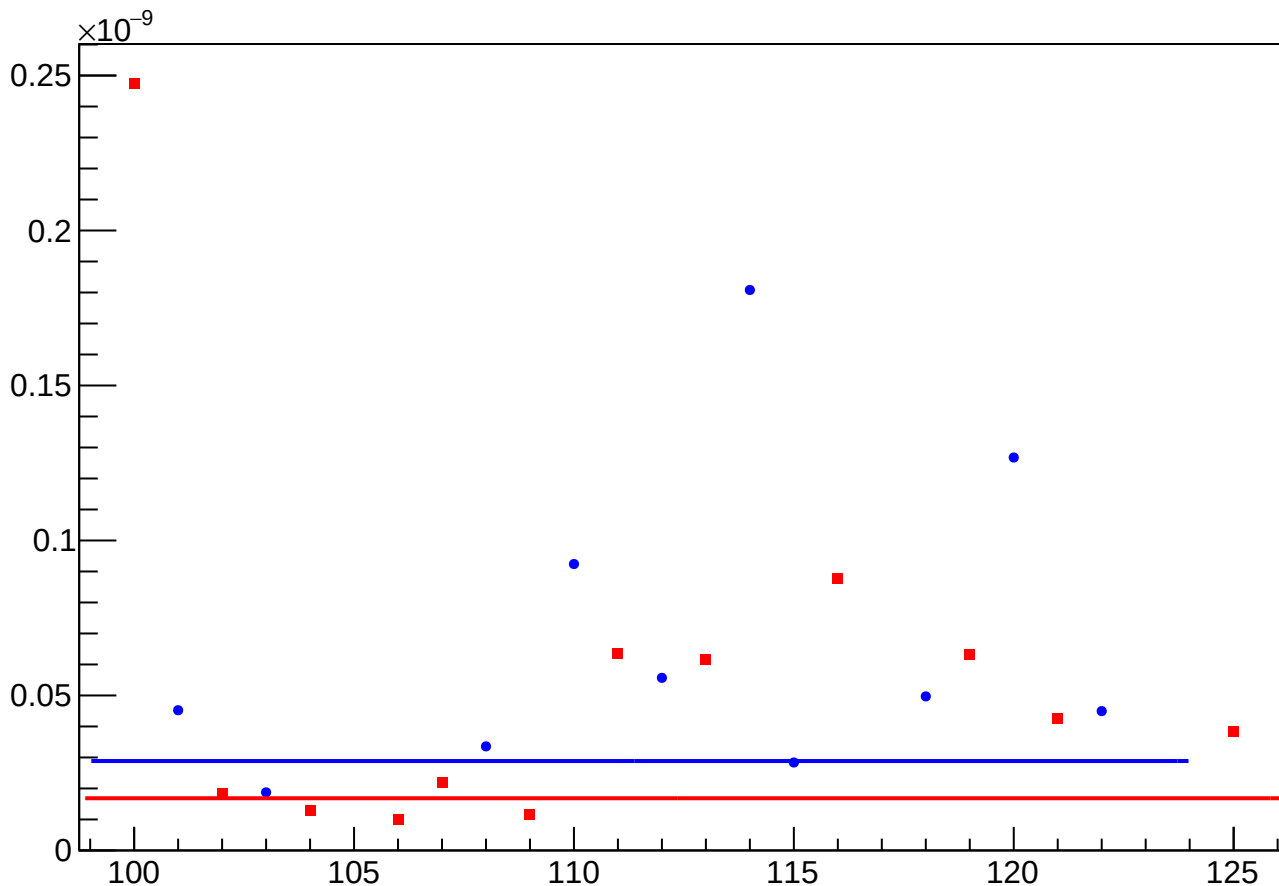
Right: 0.000+/-0.000 χ^2/NDF : 23.7/21

In: -0.000+/-0.000 χ^2/NDF : 8.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.7/21

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 : 1377620.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

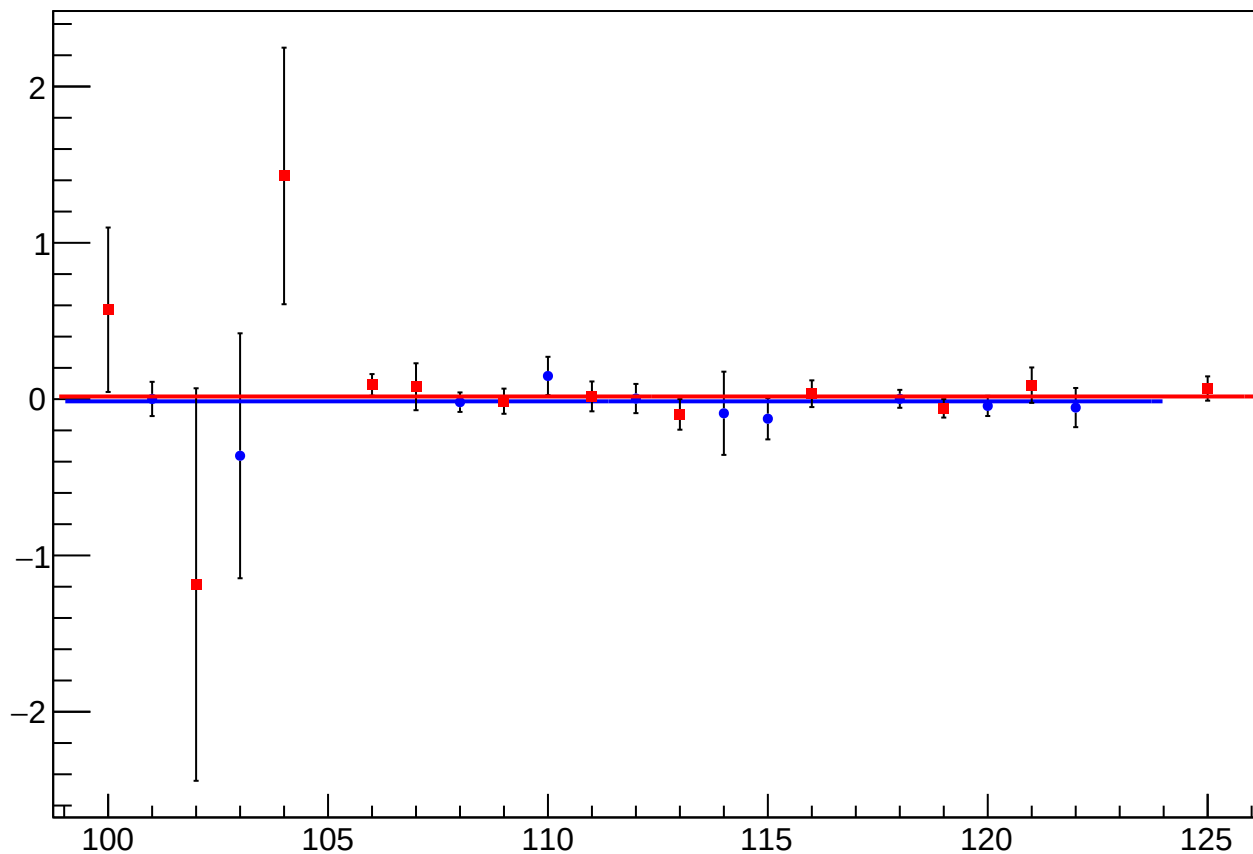
Right: 0.000+/-0.000 χ^2/NDF : 2606300.6/21

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 : 2606300.6/21

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: 0.017 ± 0.028 χ^2/NDF : 10.3/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

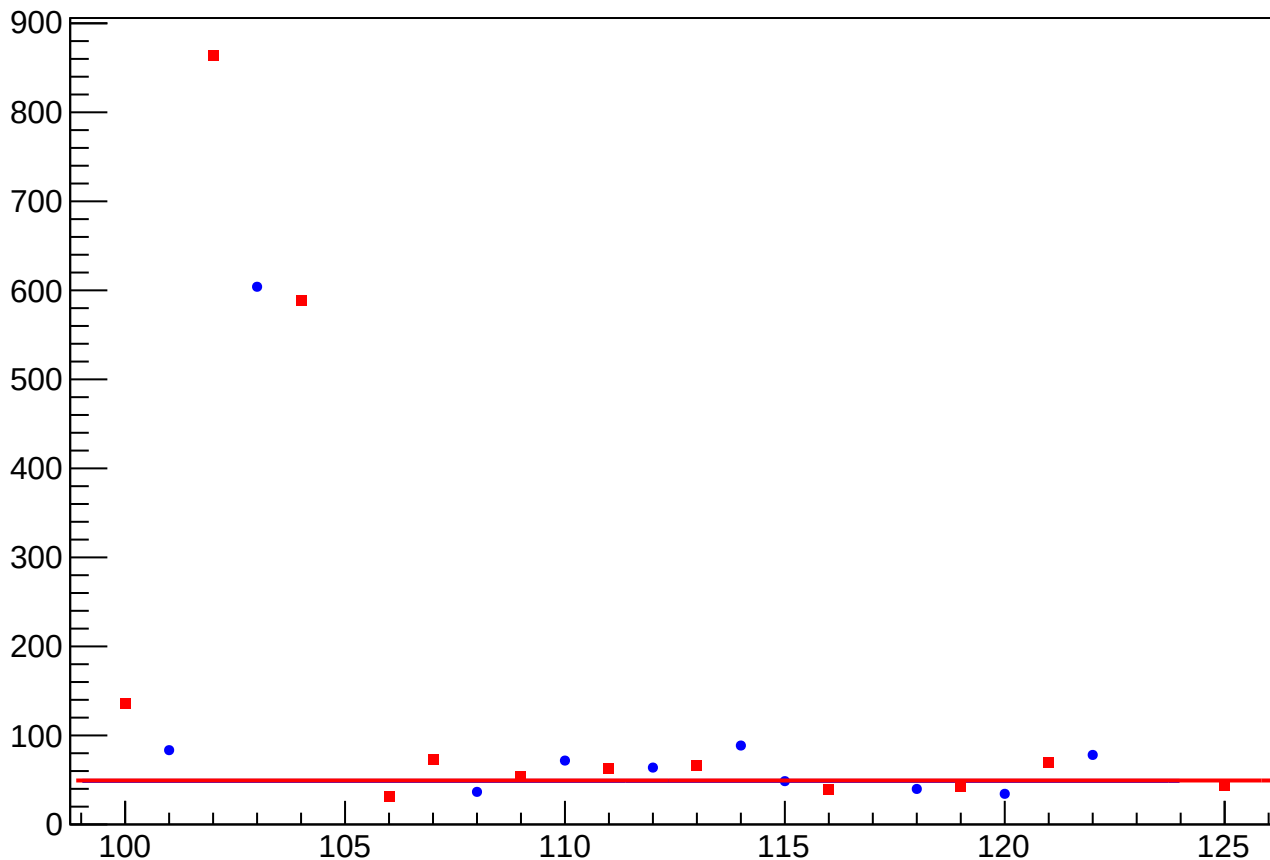
Right: 0.002 ± 0.020 χ^2/NDF : 14.1/21

In: -0.014 ± 0.029 χ^2/NDF : 3.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.002 ± 0.020 χ^2/NDF : 14.1/21

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: 49.390+/-0.020 χ^2/NDF : 2175906.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

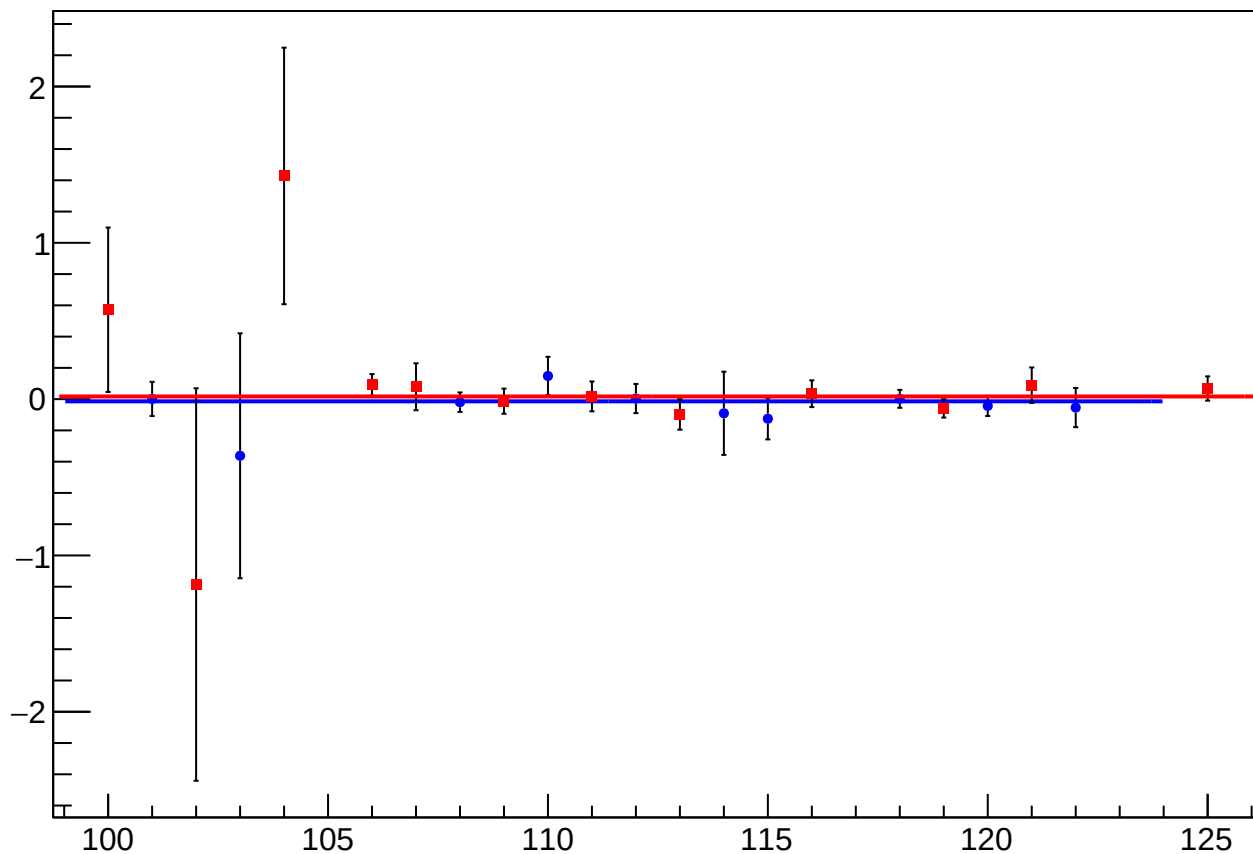
Right: 49.177+/-0.014 χ^2/NDF : 3881276.4/21

In: 48.948+/-0.020 χ^2/NDF : 1705127.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.177+/-0.014 χ^2/NDF : 3881276.4/21

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: 0.017 ± 0.028 χ^2/NDF : 10.3/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

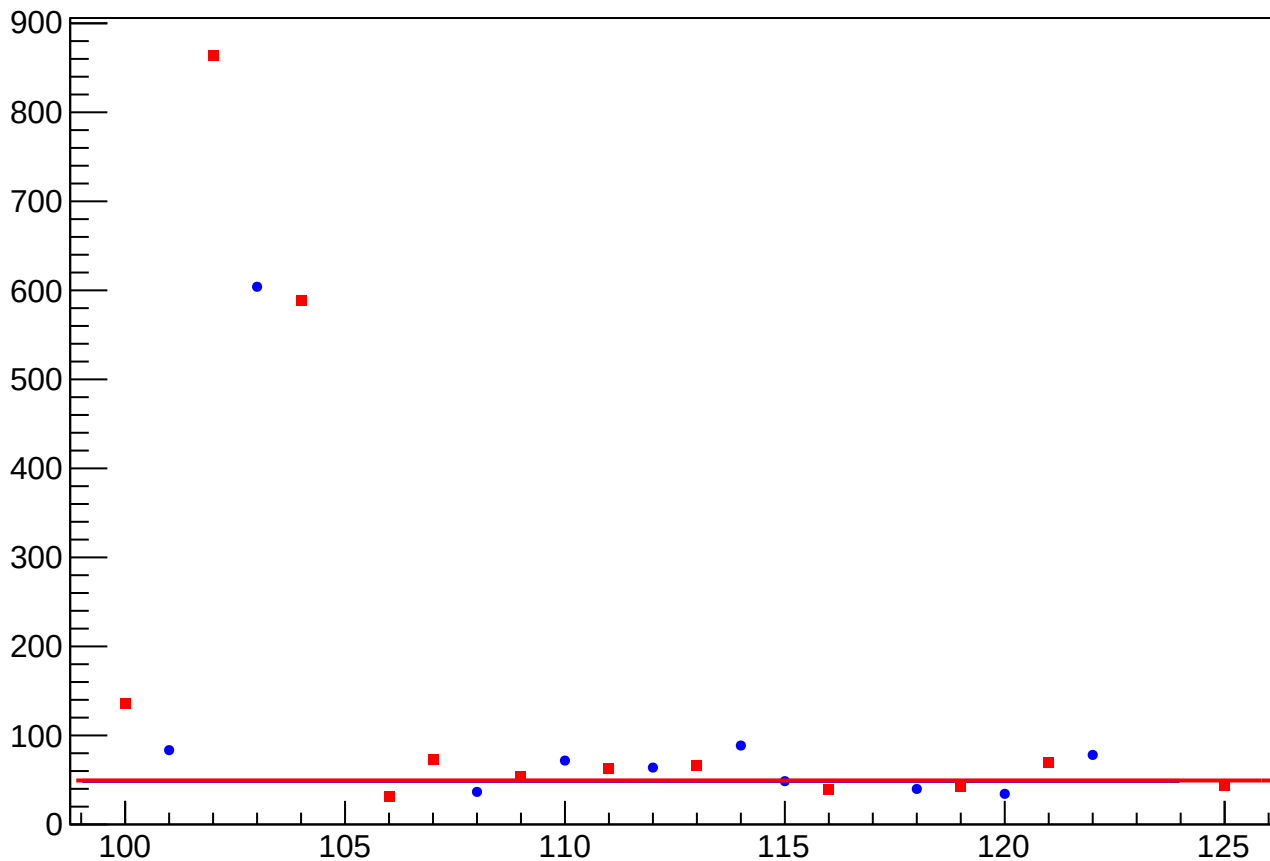
Right: 0.002 ± 0.020 χ^2/NDF : 14.1/21

In: -0.014 ± 0.029 χ^2/NDF : 3.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.002 ± 0.020 χ^2/NDF : 14.1/21

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: 49.390+/-0.020 χ^2/NDF : 2175906.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

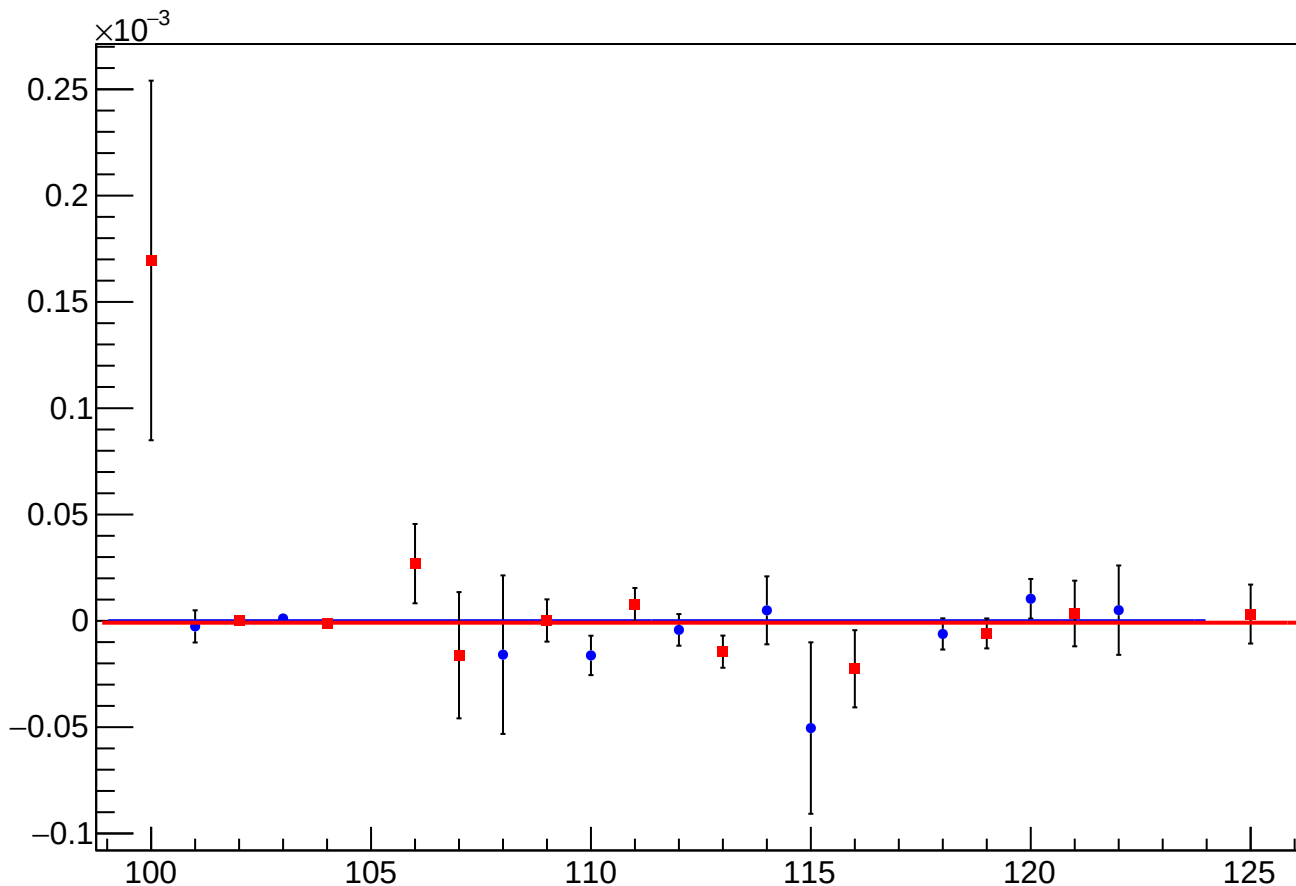
Right: 49.177+/-0.014 χ^2/NDF : 3881276.4/21

In: 48.948+/-0.020 χ^2/NDF : 1705127.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.177+/-0.014 χ^2/NDF : 3881276.4/21

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 : 13.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

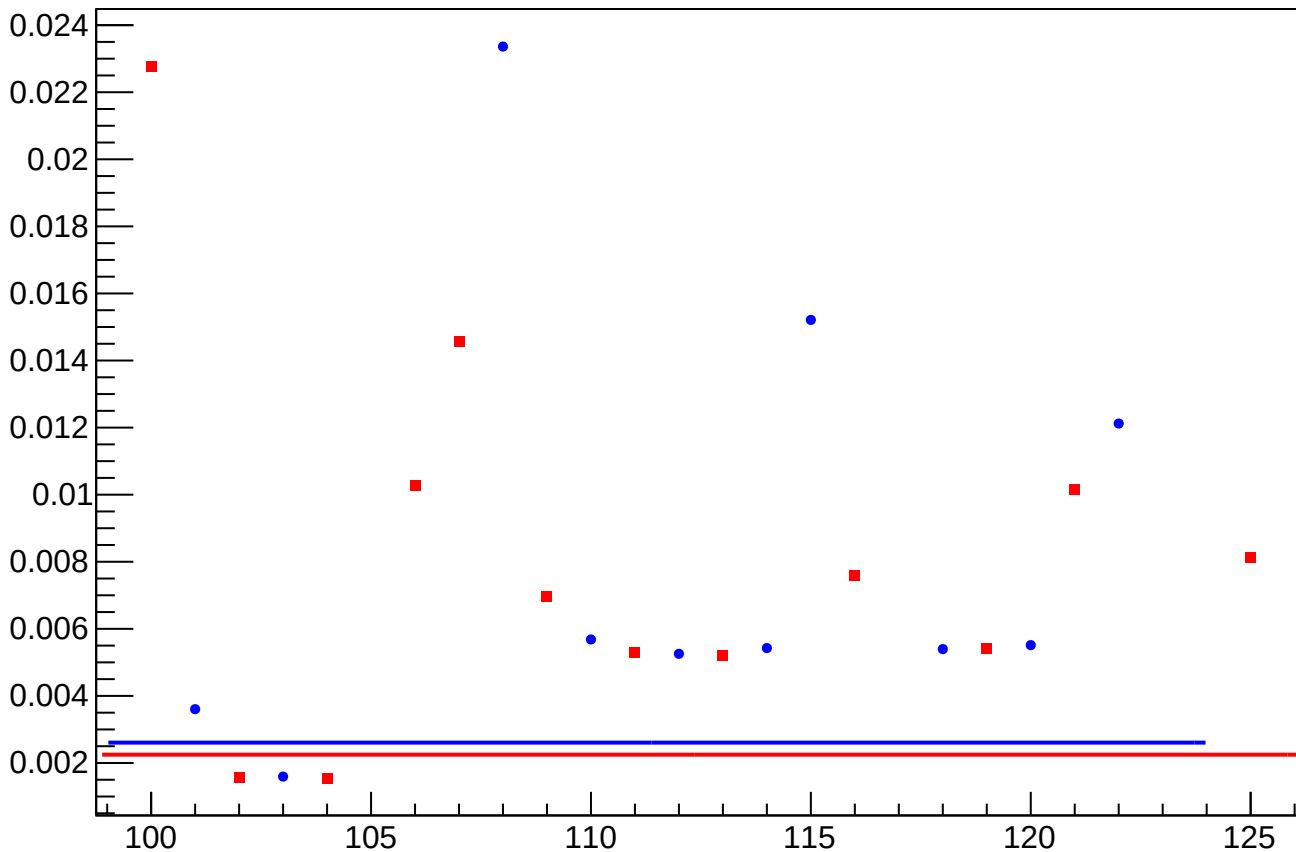
Right: -0.000+/-0.000 χ^2/NDF : 21.0/21

In: -0.000+/-0.000 χ^2/NDF : 7.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.0/21

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 : 3812600.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

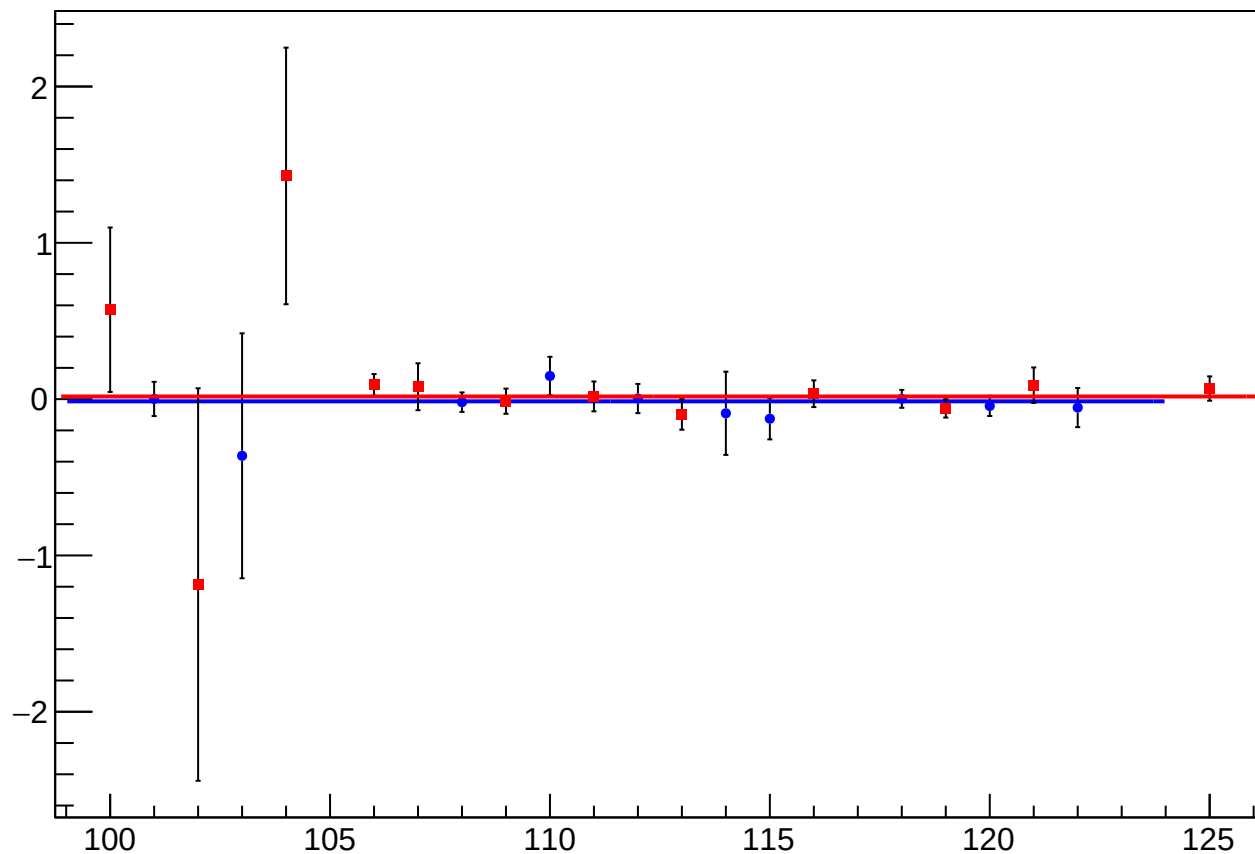
Right: 0.002+/-0.000 χ^2/NDF : 6633678.6/21

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 : 6633678.6/21

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: 0.017+/-0.028 χ^2/NDF : 10.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

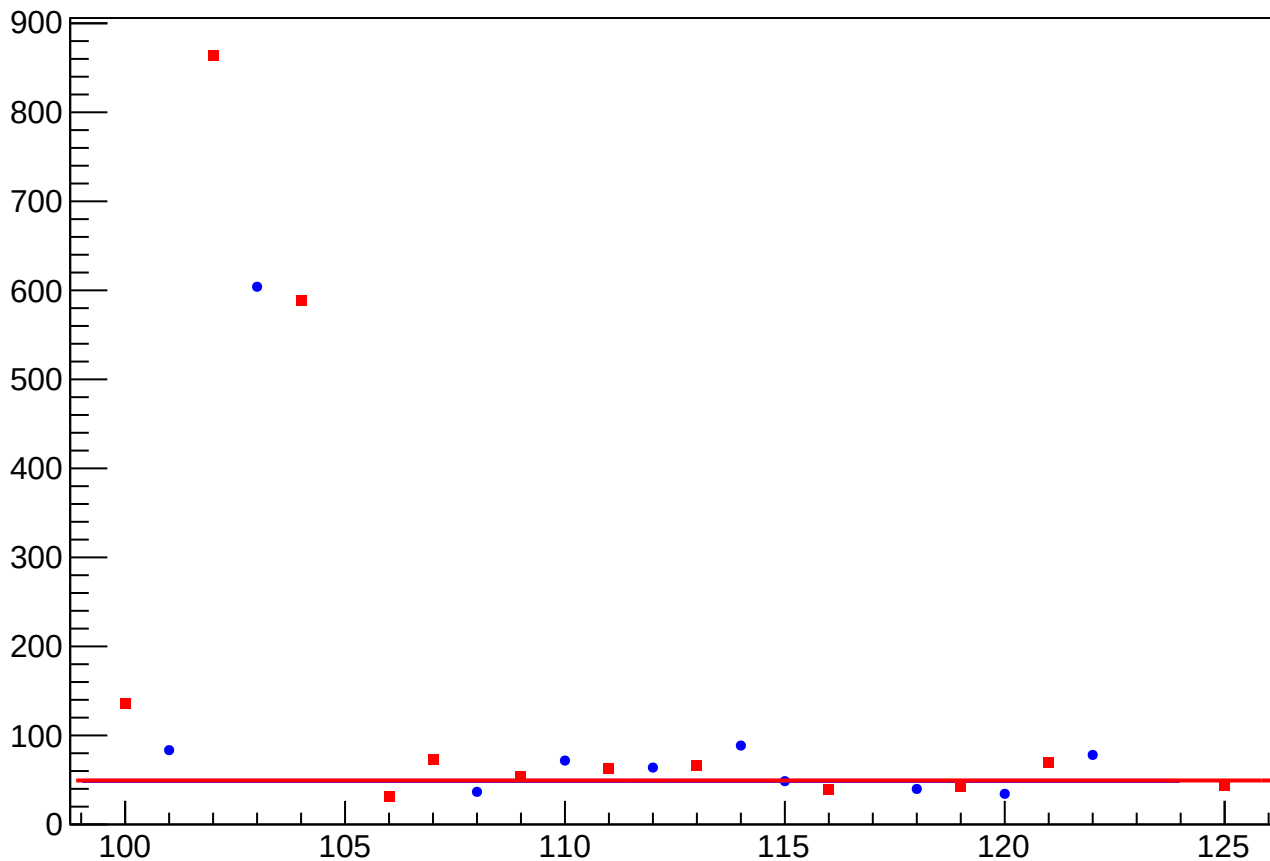
Right: 0.002+/-0.020 χ^2/NDF : 14.1/21

In: -0.014+/-0.029 χ^2/NDF :3.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.020 χ^2/NDF : 14.1/21

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: 49.392+/-0.020 χ^2/NDF : 2175716.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

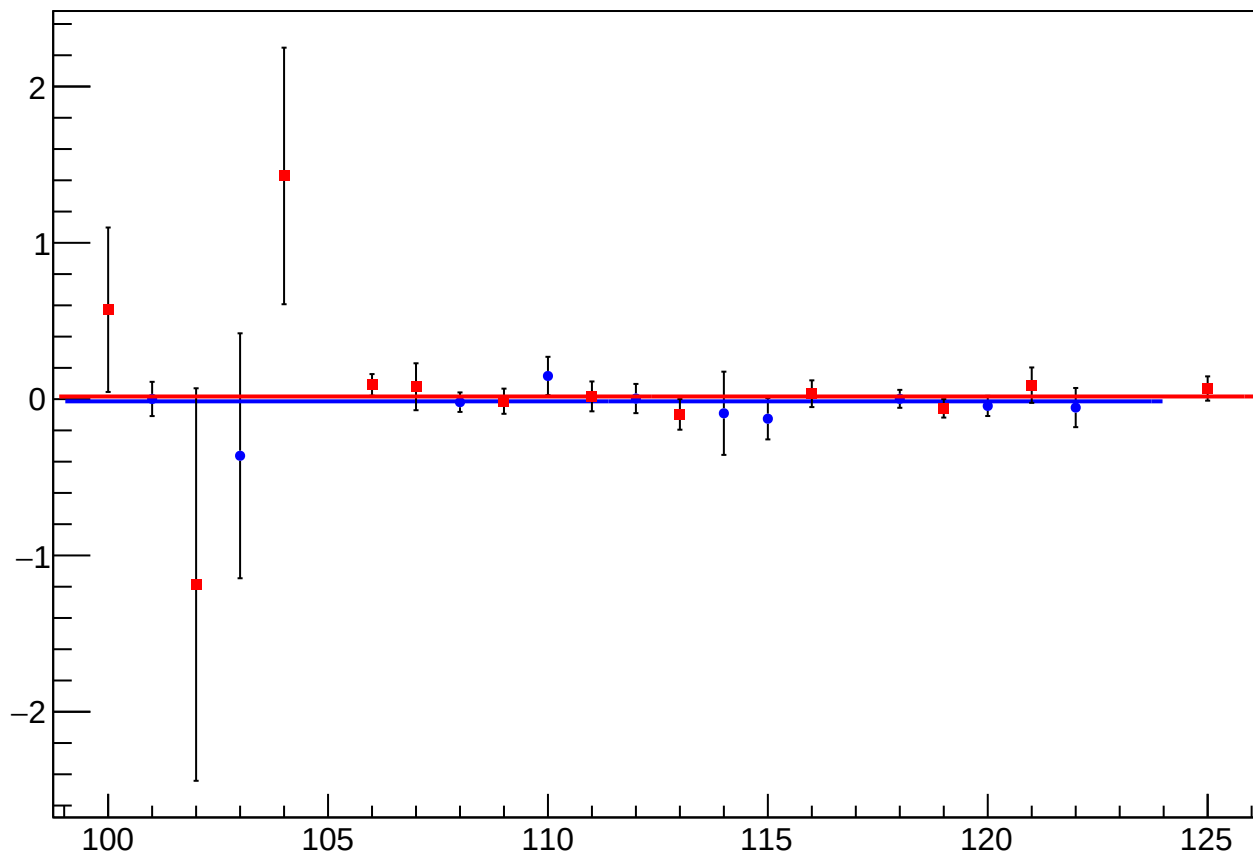
Right: 49.180+/-0.014 χ^2/NDF : 3880864.2/21

In: 48.953+/-0.020 χ^2/NDF : 1704907.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.180+/-0.014 χ^2/NDF : 3880864.2/21

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: 0.017+/-0.028 χ^2/NDF : 10.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

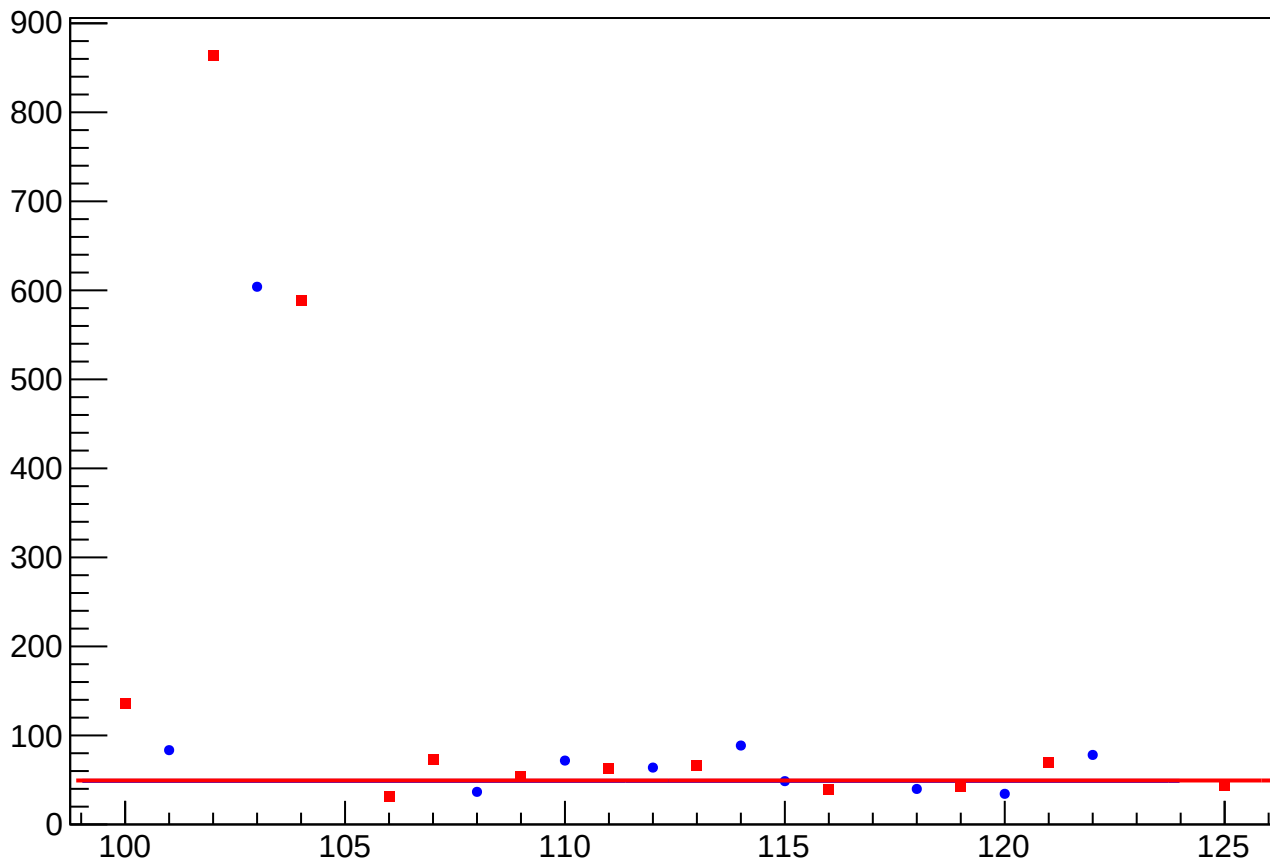
Right: 0.002+/-0.020 χ^2/NDF : 14.1/21

In: -0.014+/-0.029 χ^2/NDF :3.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.020 χ^2/NDF : 14.1/21

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: 49.392+/-0.020 χ^2/NDF : 2175716.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

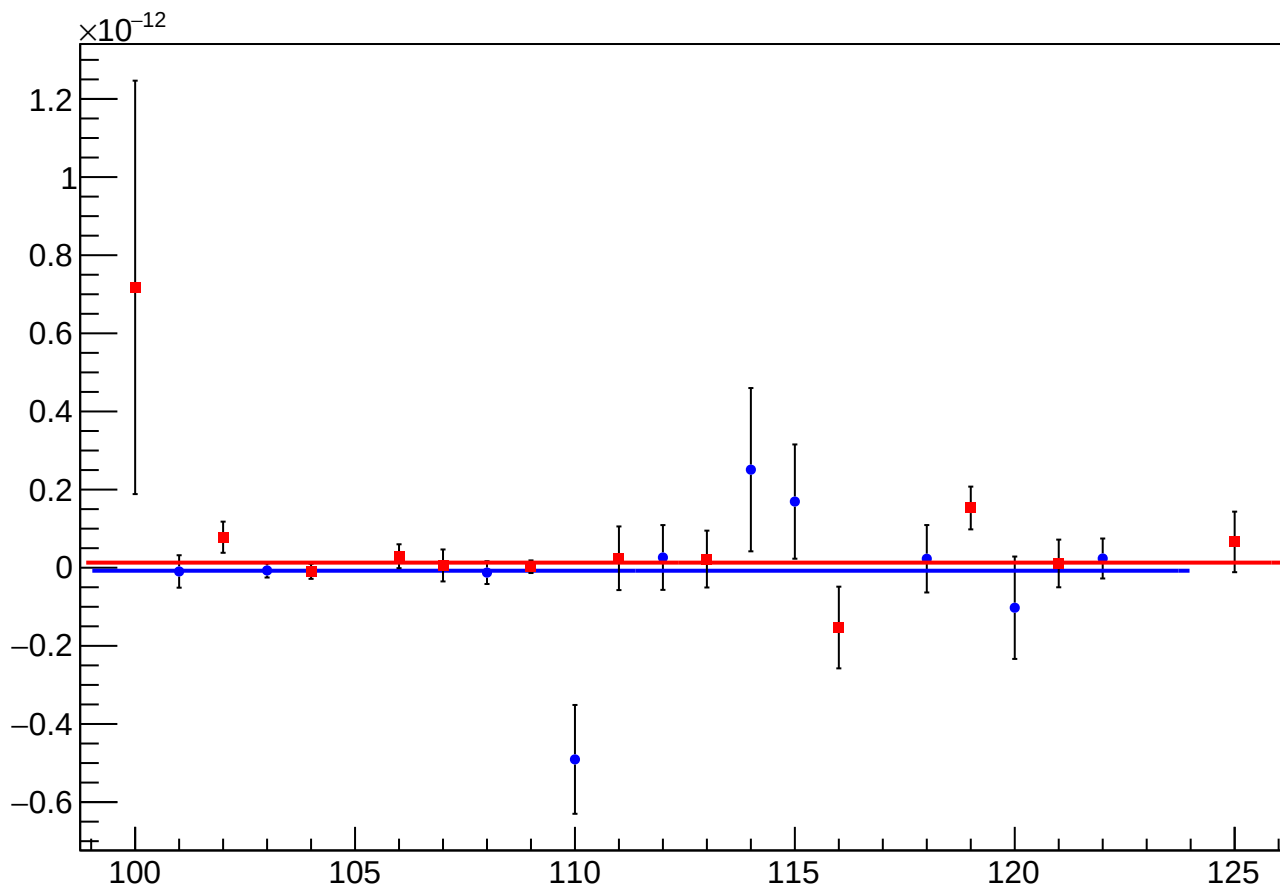
Right: 49.180+/-0.014 χ^2/NDF : 3880864.2/21

In: 48.953+/-0.020 χ^2/NDF : 1704907.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.180+/-0.014 χ^2/NDF : 3880864.2/21

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 : 16.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

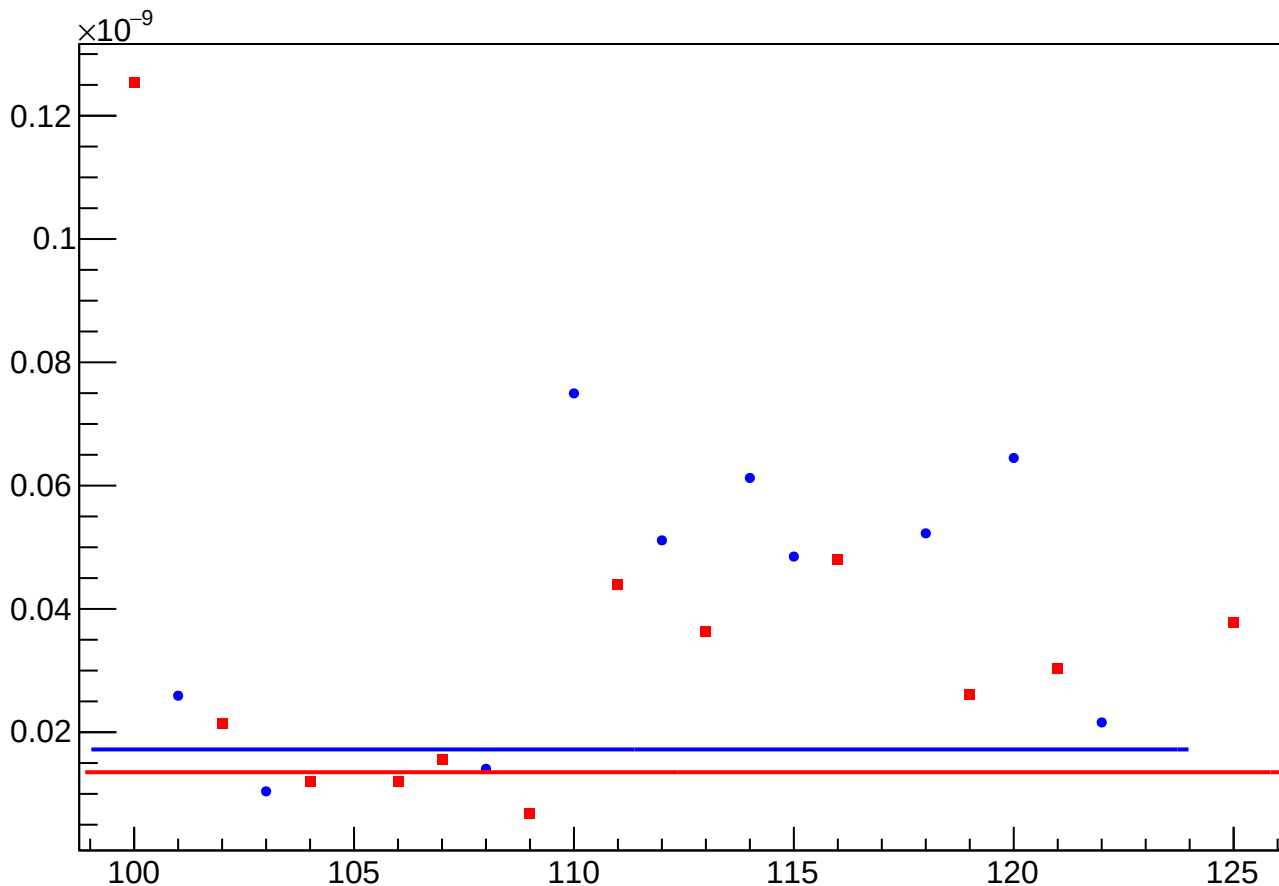
Right: 0.000+/-0.000 χ^2/NDF : 33.9/21

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 : 33.9/21

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 : 1688138.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

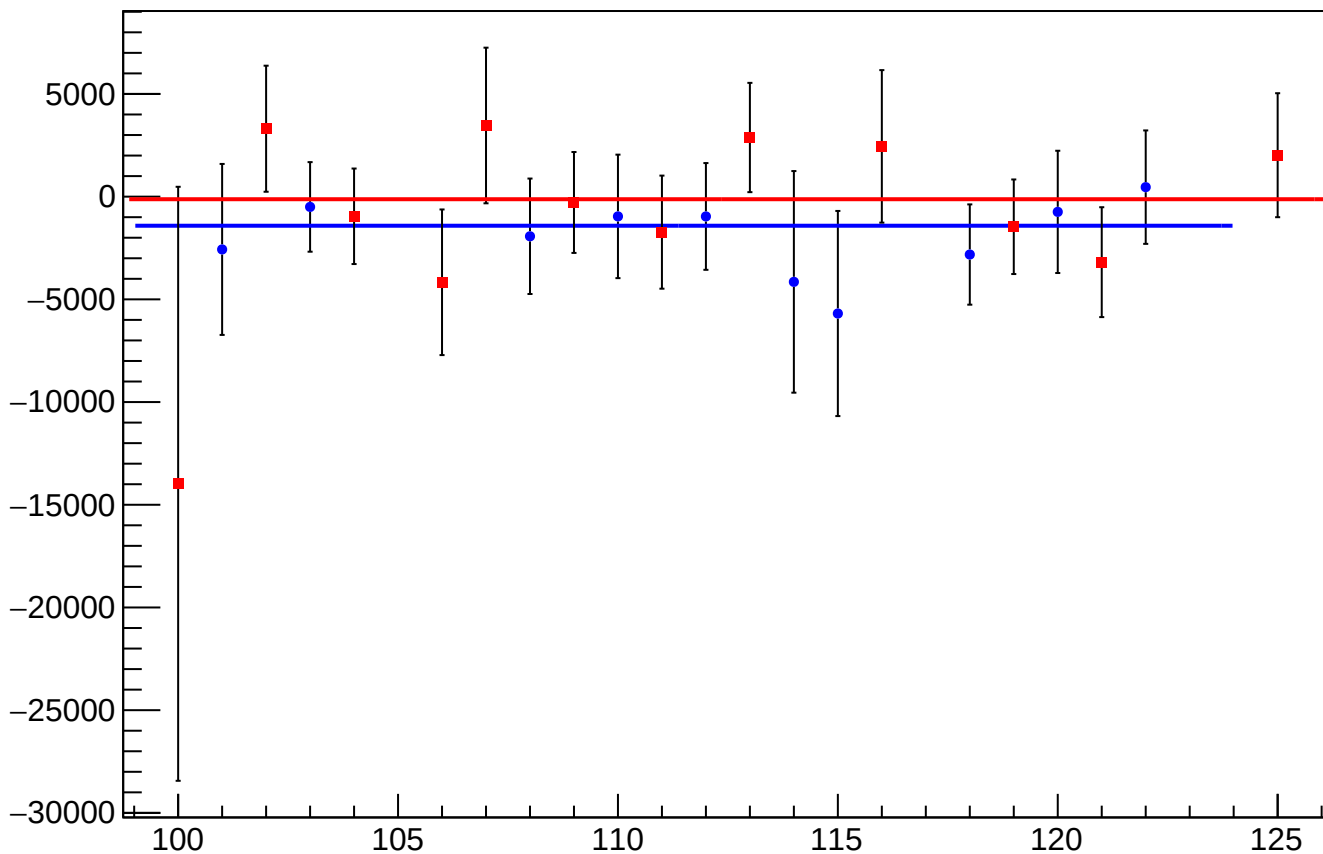
Right: 0.000+/-0.000 χ^2/NDF : 3646041.3/21

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 : 3646041.3/21

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: -125.225+/-846.599 χ^2/NDF : 8.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

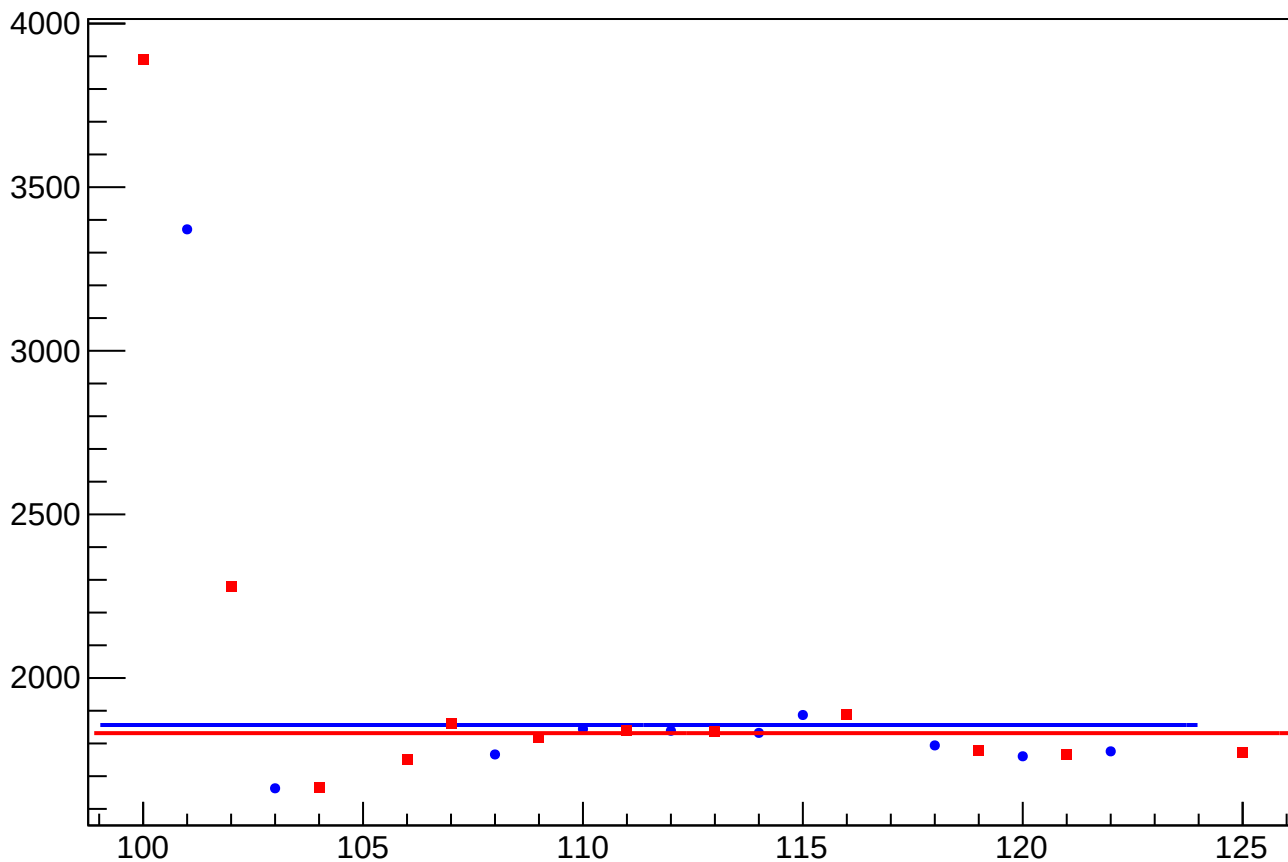
Right: -705.451+/-628.066 χ^2/NDF : 12.0/21

In: -1415.679+/-936.652 χ^2/NDF : 2.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -705.451+/-628.066 χ^2/NDF : 12.0/21

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: 1831.531+/-0.599 χ^2/NDF : 98264.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

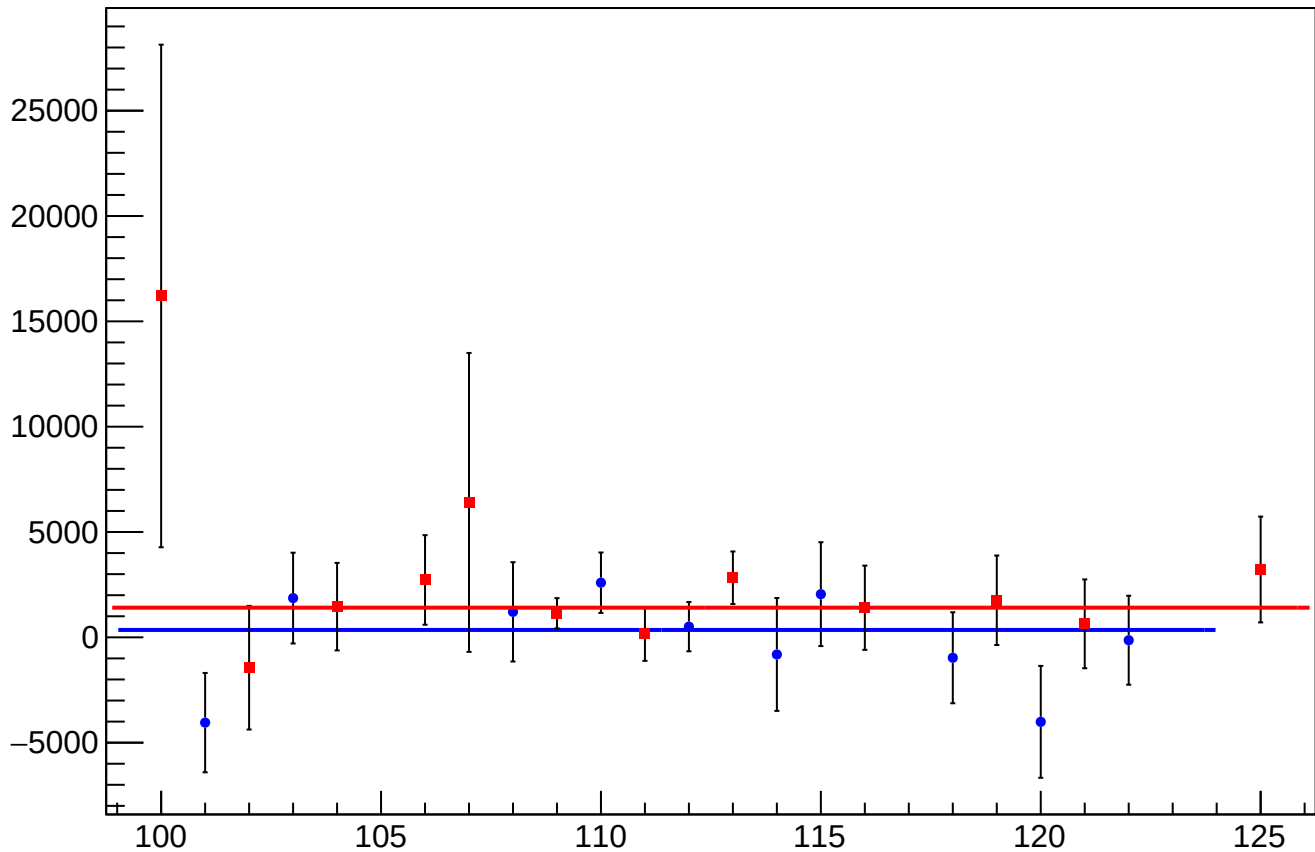
Right: 1842.719+/-0.444 χ^2/NDF : 387067.5/21

In: 1856.413+/-0.662 χ^2/NDF : 288026.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1842.719+/-0.444 χ^2/NDF : 387067.5/21

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: 1408.410+/-463.862 χ^2/NDF : 6.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

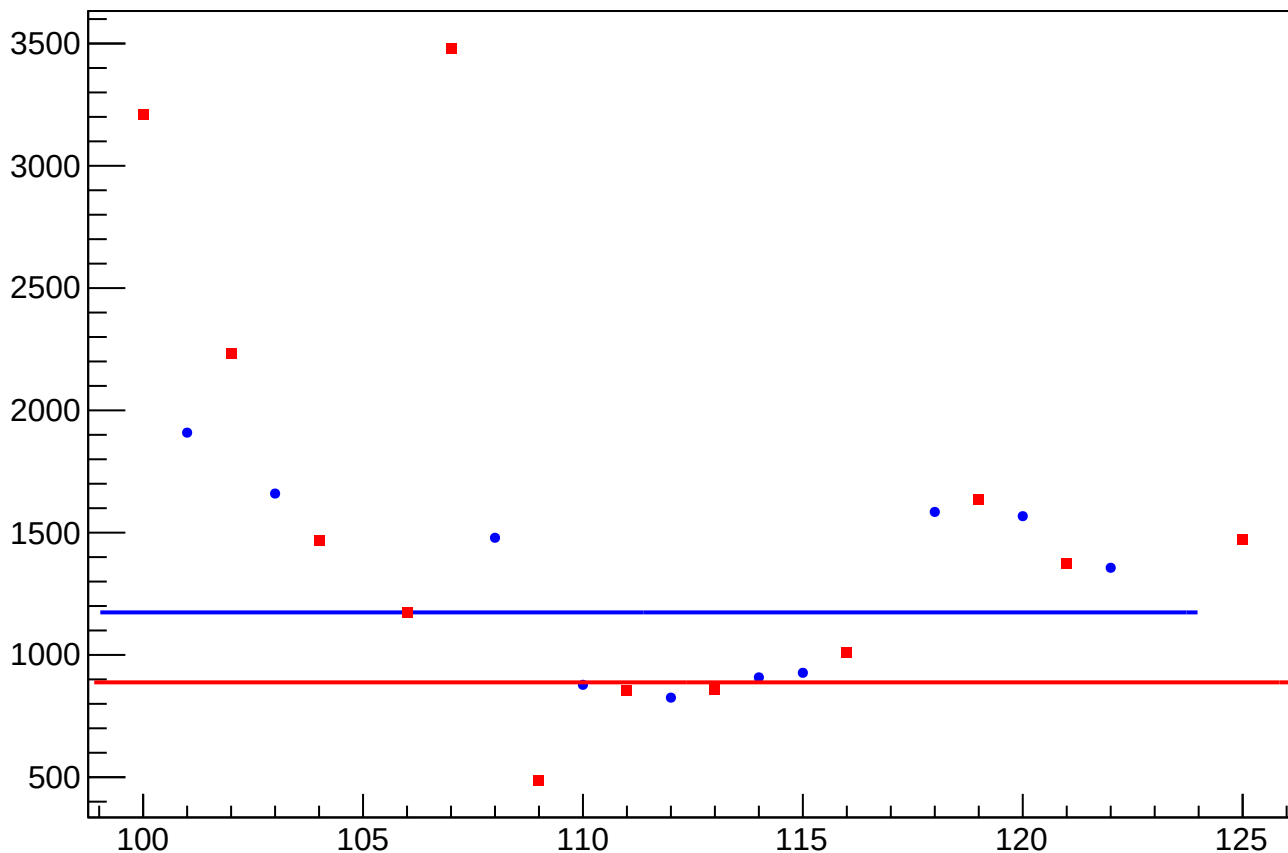
Right: 1022.088+/-369.491 χ^2/NDF : 18.7/21

In: 351.444+/-611.167 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1022.088+/-369.491 χ^2/NDF : 18.7/21

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: 887.857+/-0.328 χ^2/NDF : 2055113.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

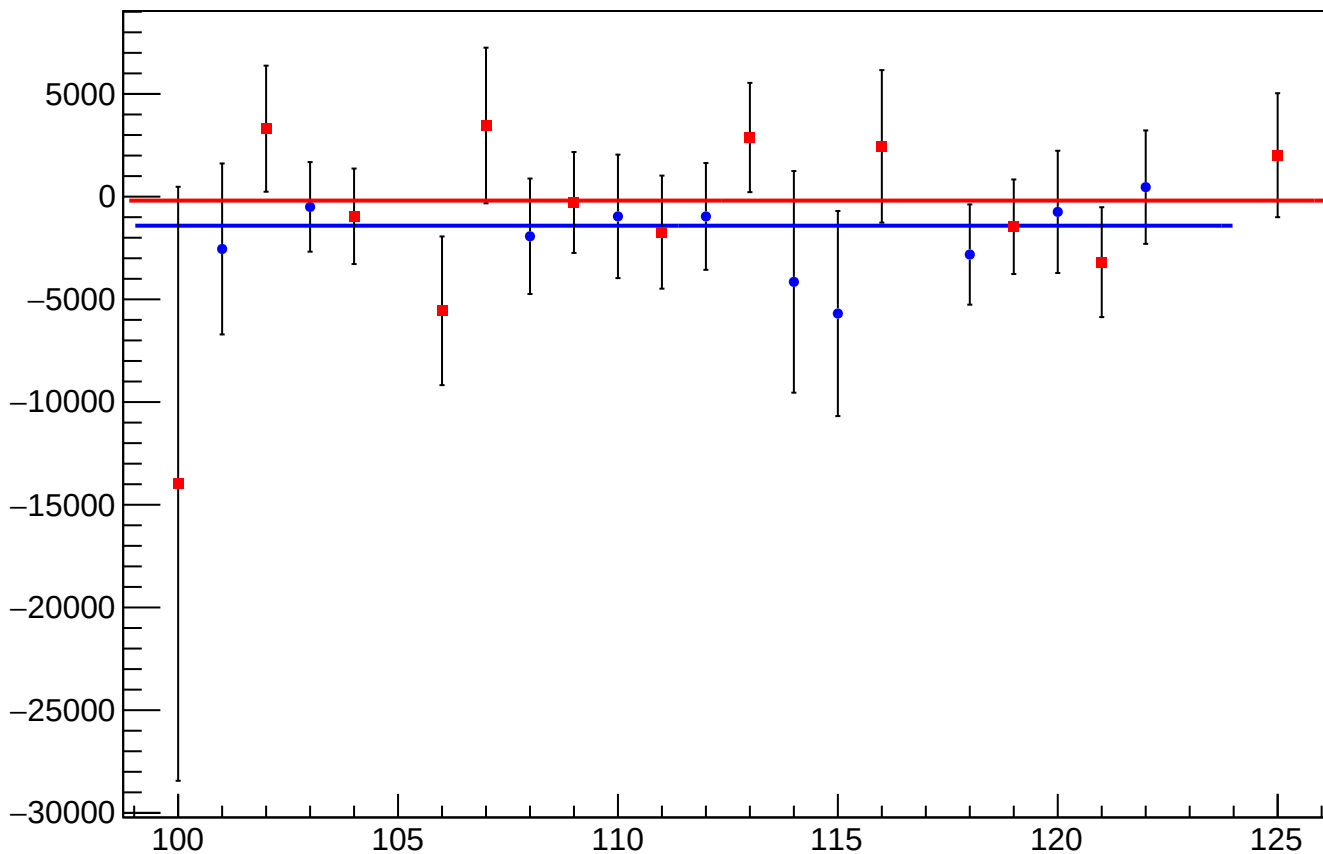
Right: 992.411+/-0.261 χ^2/NDF : 3096689.4/21

In: 1173.913+/-0.432 χ^2/NDF : 763576.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 992.411+/-0.261 χ^2/NDF : 3096689.4/21

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: -192.026+/-847.587 χ^2/NDF : 9.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

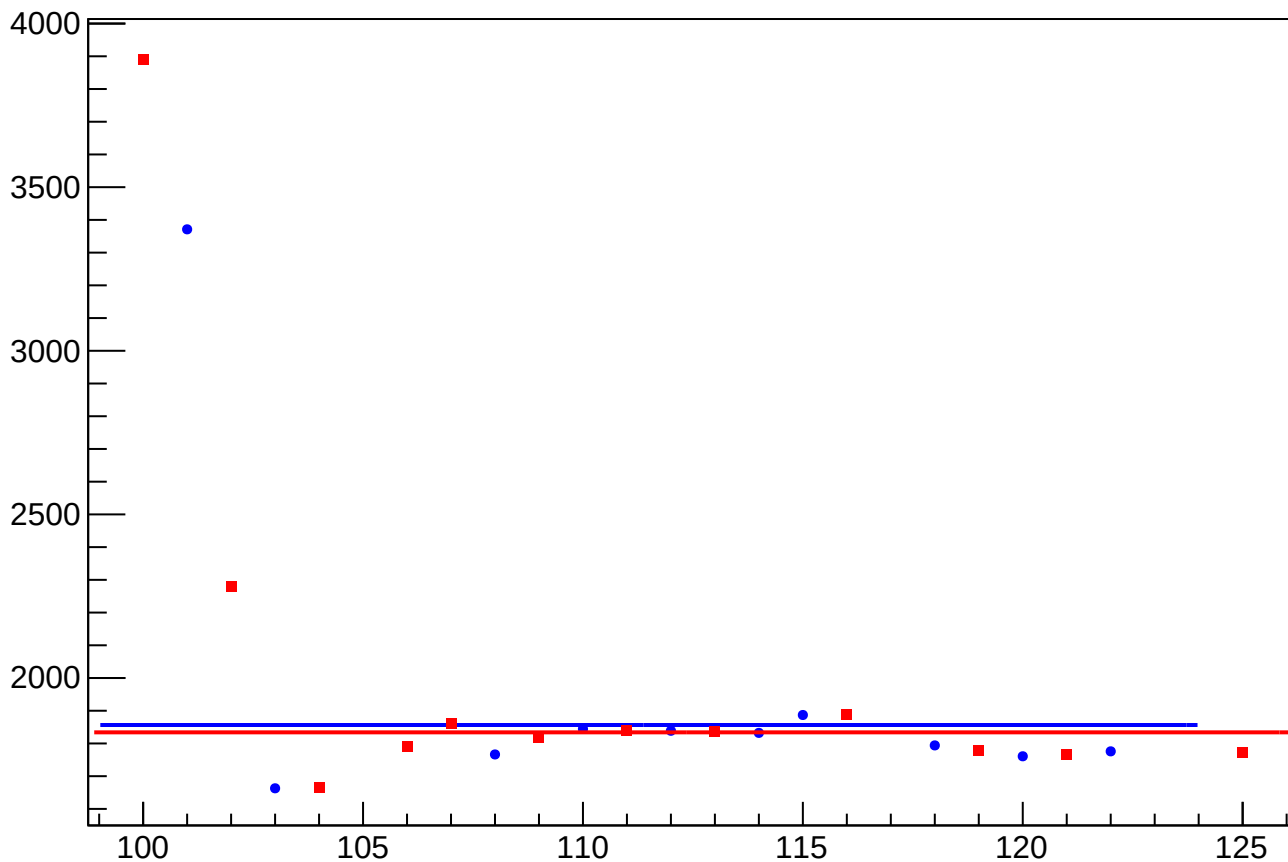
Right: -742.403+/-628.469 χ^2/NDF : 12.8/21

In: -1414.526+/-936.652 χ^2/NDF :2.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -742.403+/-628.469 χ^2/NDF : 12.8/21

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: 1833.962+/-0.599 χ^2/NDF : 97450.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

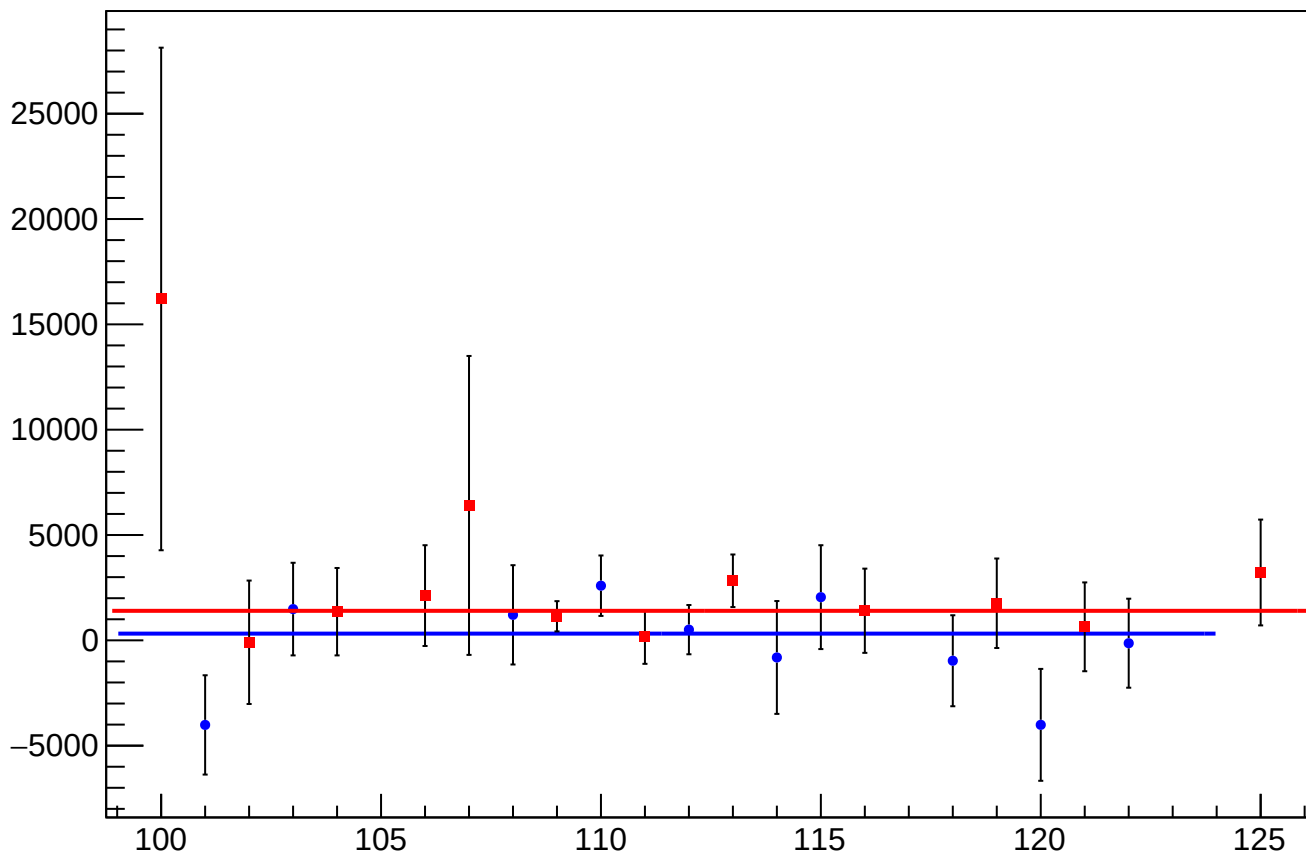
Right: 1844.070+/-0.444 χ^2/NDF : 386110.4/21

In: 1856.413+/-0.662 χ^2/NDF : 288028.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1844.070+/-0.444 χ^2/NDF : 386110.4/21

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: 1400.799+/-466.148 χ^2 /NDF: 5.4/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

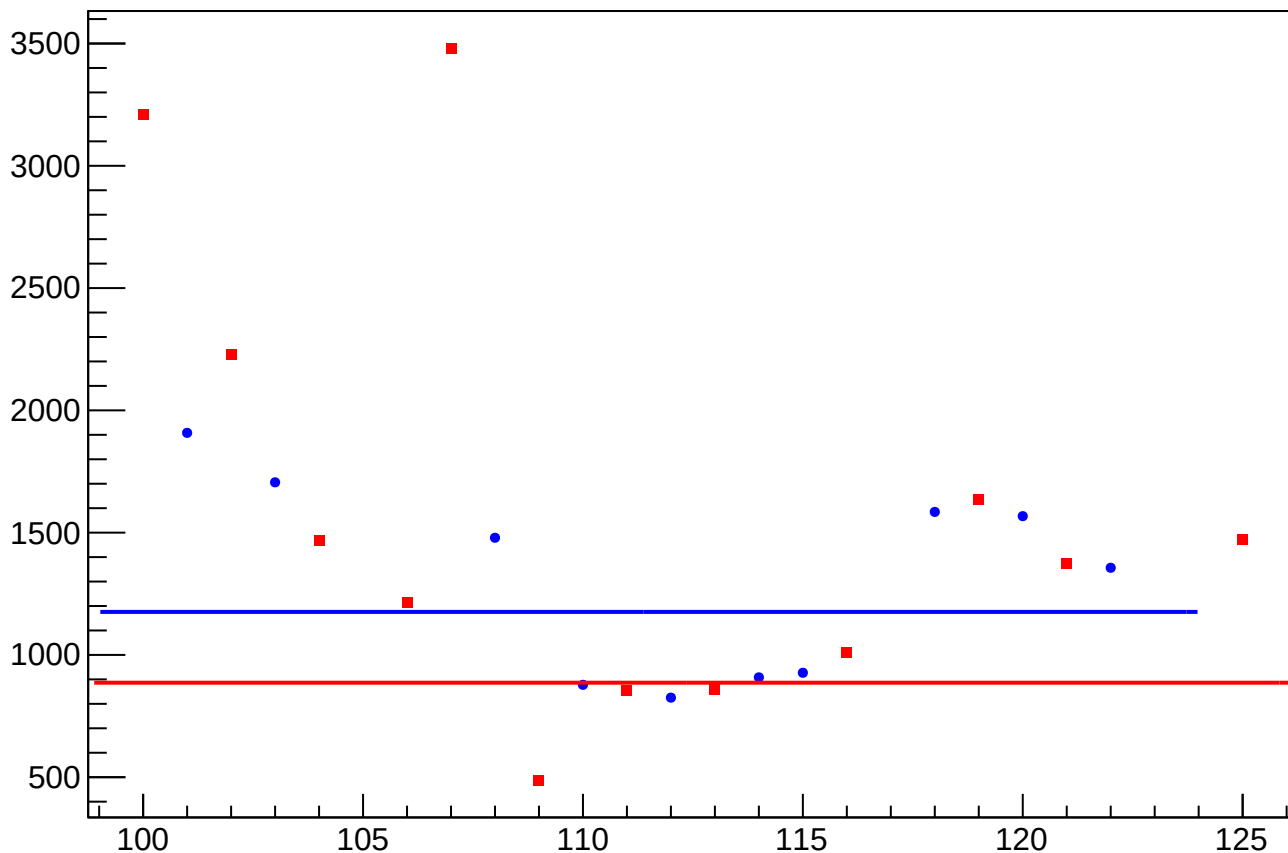
Right: 1003.738+/-370.860 χ^2 /NDF: 17.5/21

In: 319.020+/-612.141 χ^2 /NDF:10.1/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1003.738+/-370.860 χ^2 /NDF: 17.5/21

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: 886.428+/-0.330 χ^2/NDF : 2054473.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

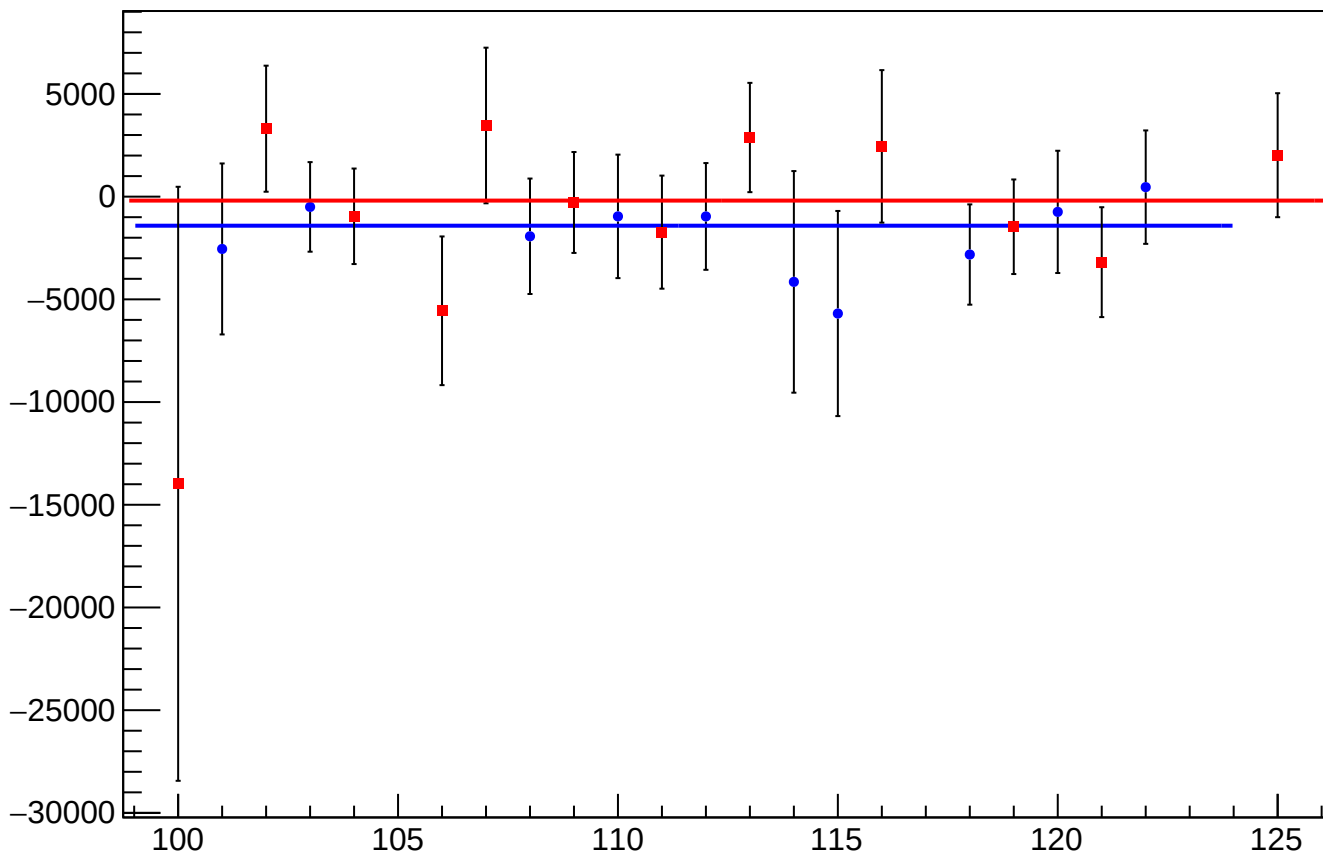
Right: 992.671+/-0.262 χ^2/NDF : 3116017.4/21

In: 1175.886+/-0.433 χ^2/NDF : 778488.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 992.671+/-0.262 χ^2/NDF : 3116017.4/21

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: -192.026+/-847.587 χ^2/NDF : 9.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

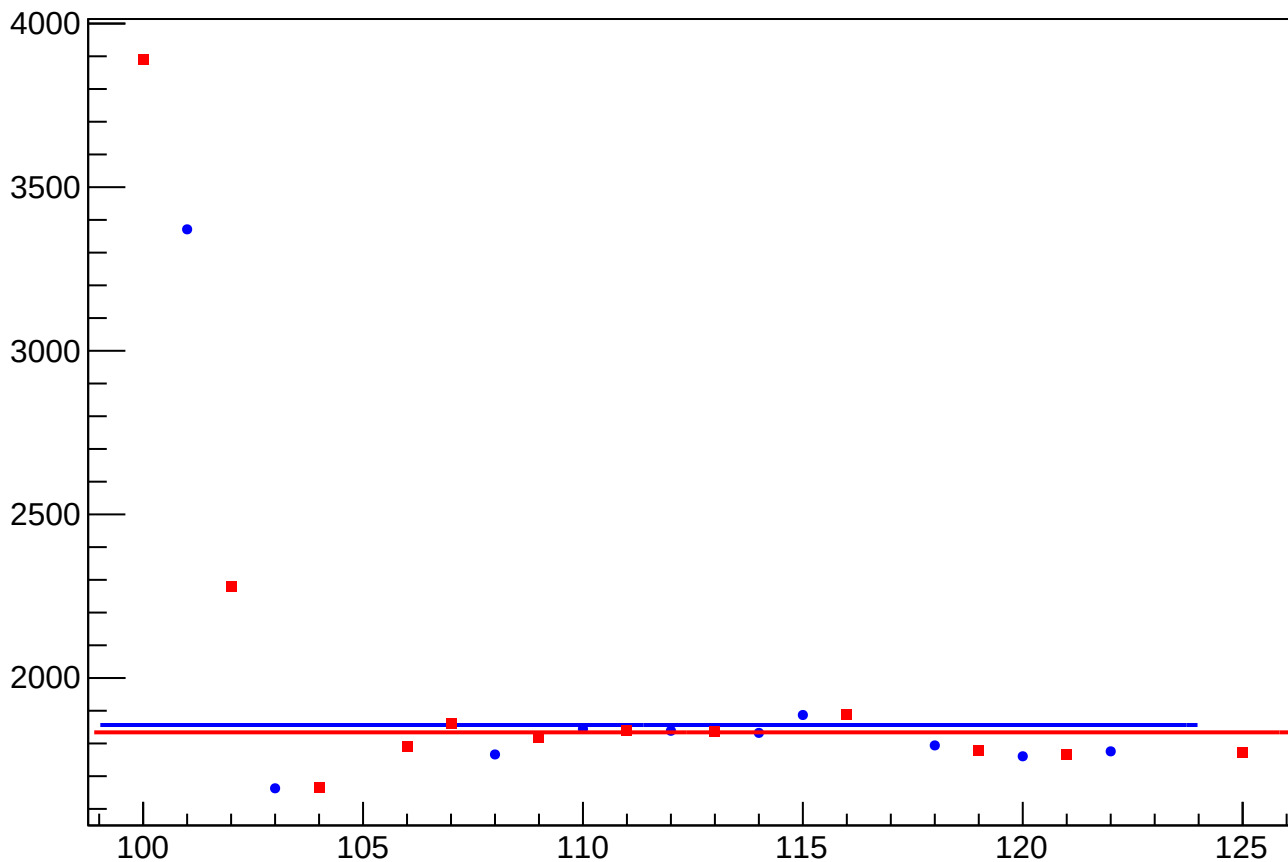
Right: -742.403+/-628.469 χ^2/NDF : 12.8/21

In: -1414.526+/-936.652 χ^2/NDF :2.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -742.403+/-628.469 χ^2/NDF : 12.8/21

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: 1833.962+/-0.599 χ^2/NDF : 97450.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

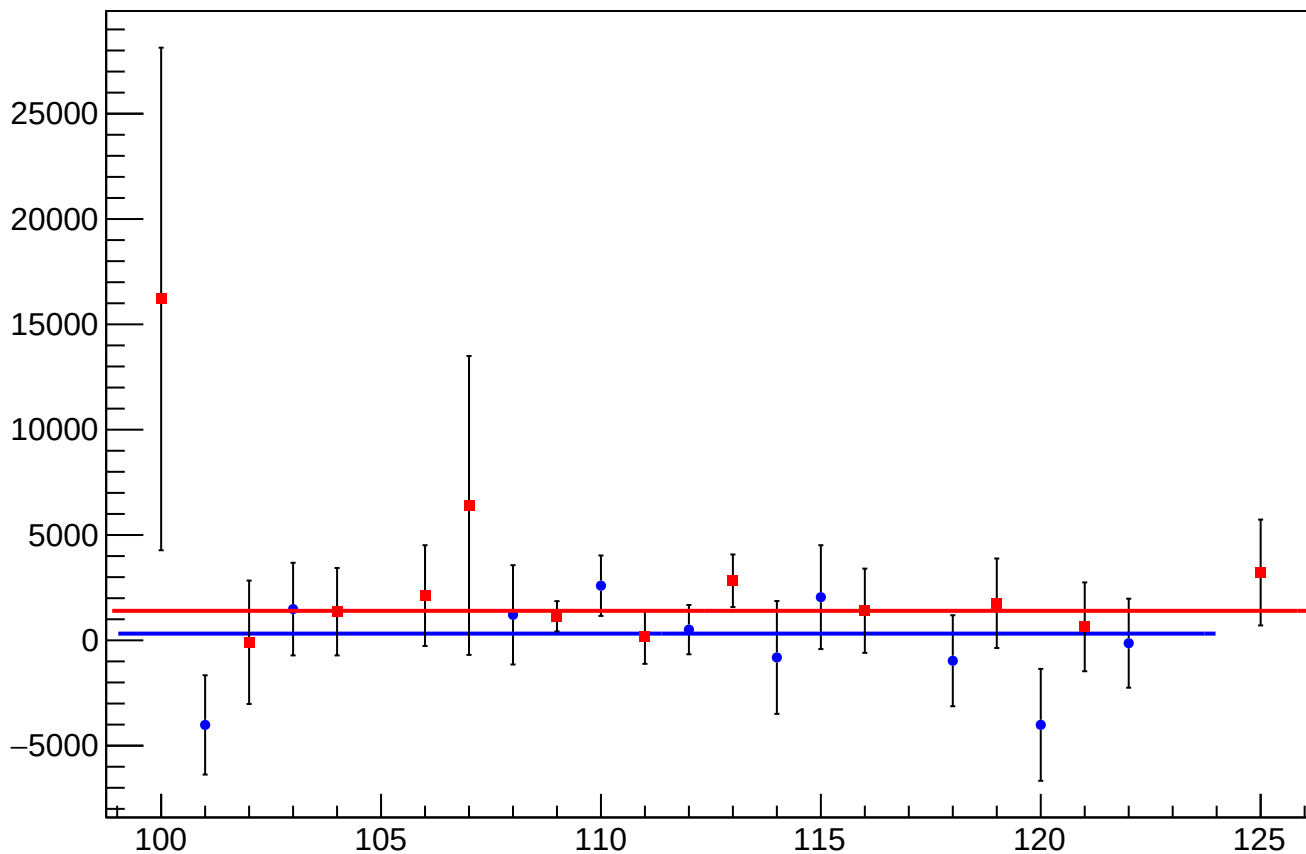
Right: 1844.070+/-0.444 χ^2/NDF : 386110.4/21

In: 1856.413+/-0.662 χ^2/NDF : 288028.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1844.070+/-0.444 χ^2/NDF : 386110.4/21

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: 1400.799+/-466.148 χ^2/NDF : 5.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

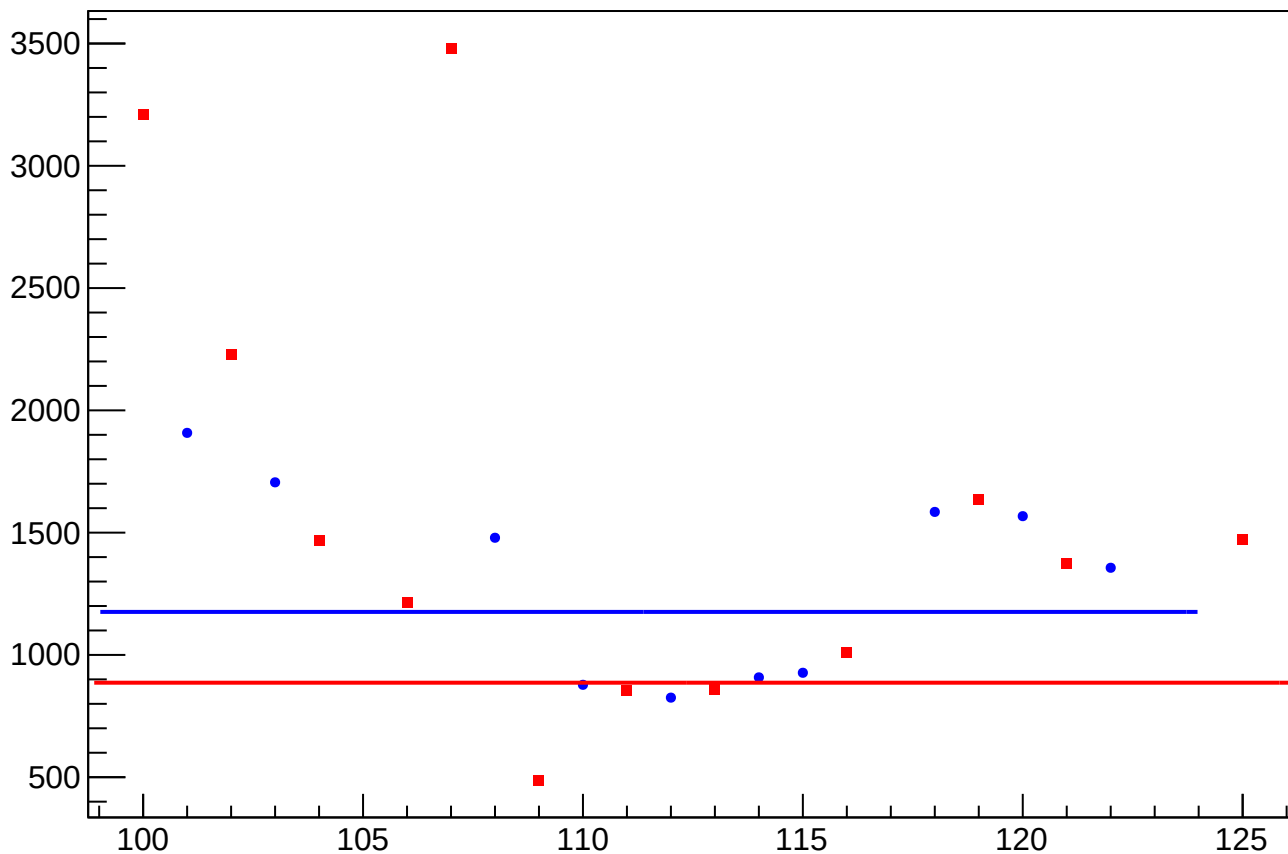
Right: 1003.738+/-370.860 χ^2/NDF : 17.5/21

In: 319.020+/-612.141 χ^2/NDF : 10.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1003.738+/-370.860 χ^2/NDF : 17.5/21

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: 886.428+/-0.330 χ^2/NDF : 2054473.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

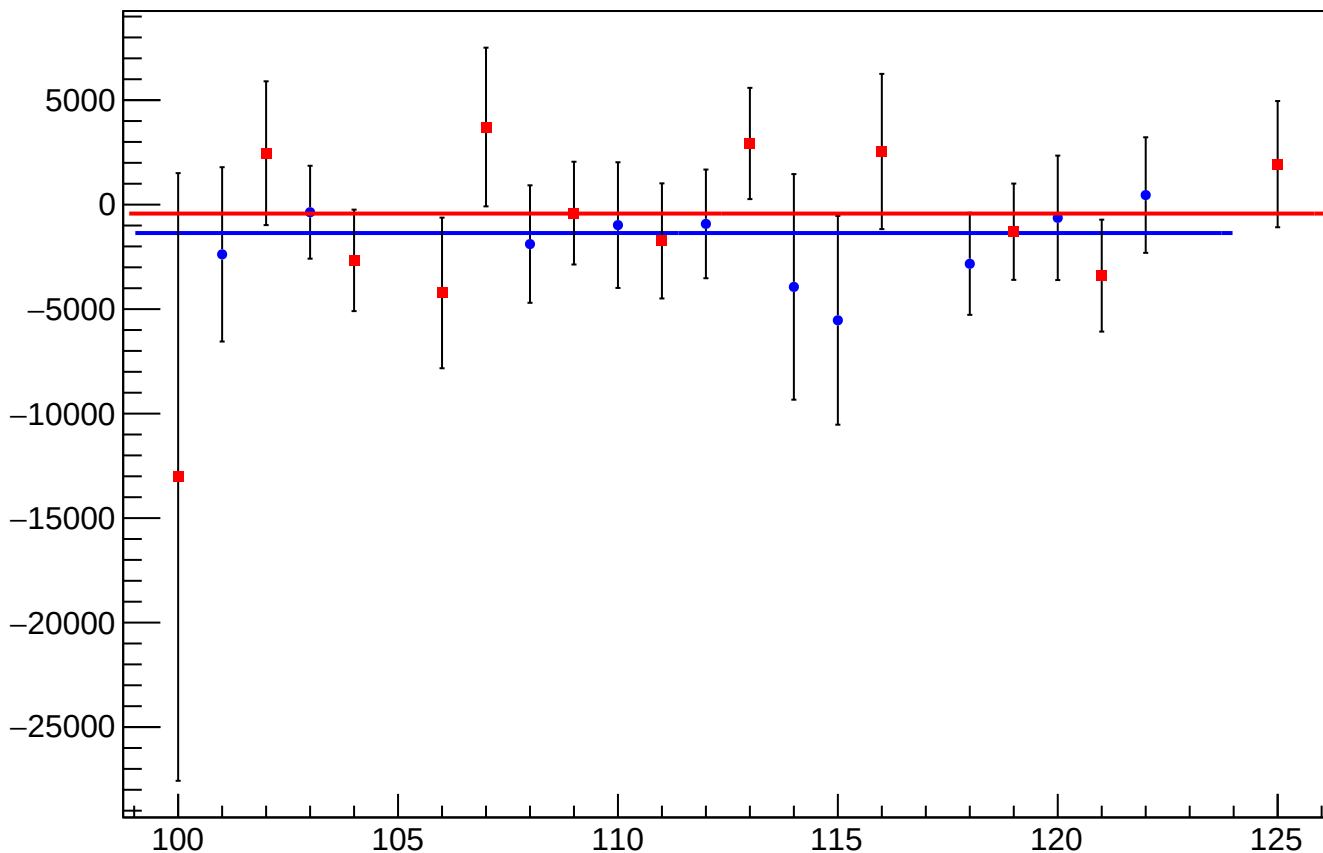
Right: 992.671+/-0.262 χ^2/NDF : 3116017.4/21

In: 1175.886+/-0.433 χ^2/NDF : 778488.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 992.671+/-0.262 χ^2/NDF : 3116017.4/21

dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1359.312 ± 940.545 $\chi^2/\text{NDF}: 2.1/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -427.503 ± 859.507 $\chi^2/\text{NDF}: 9.0/11$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

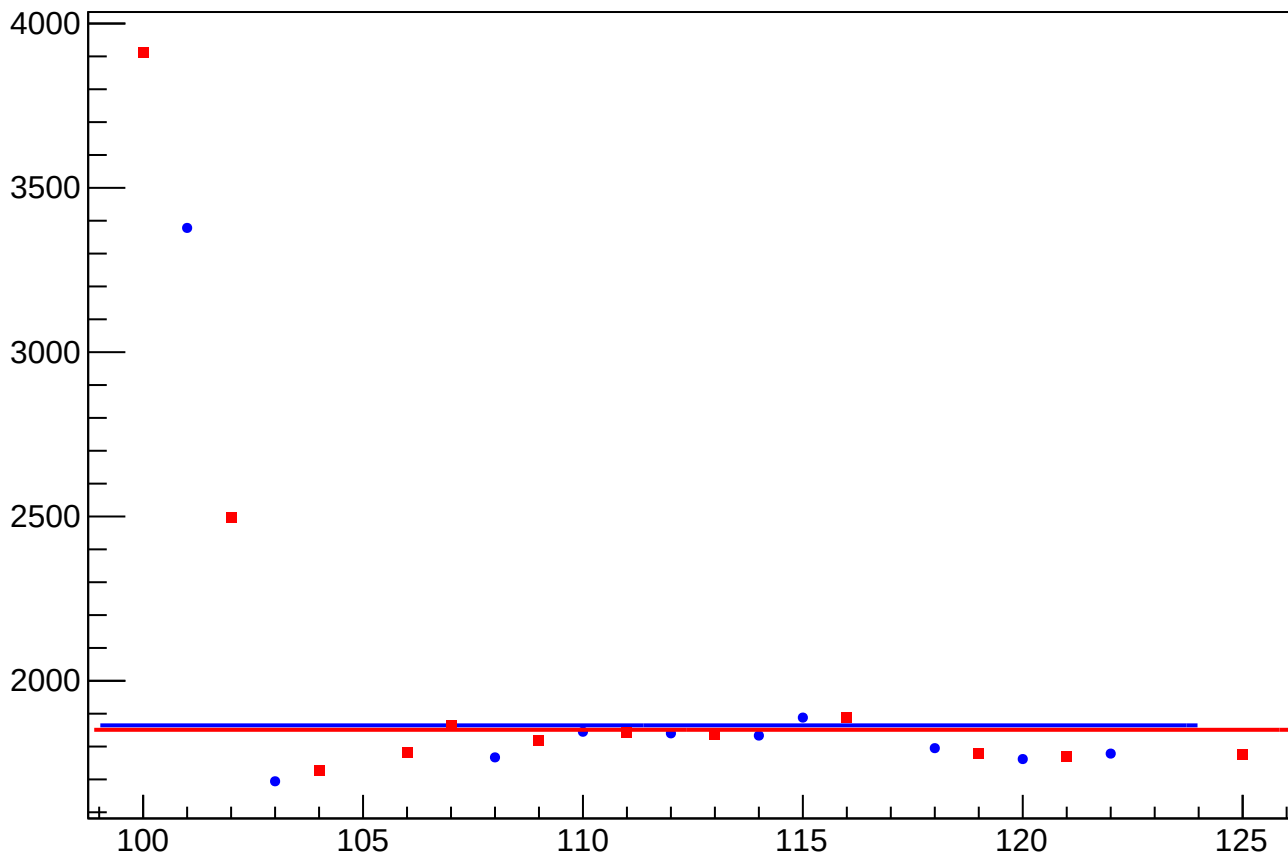
Right: -851.543 ± 634.482 $\chi^2/\text{NDF}: 11.7/21$

In: -1359.312 ± 940.545 $\chi^2/\text{NDF}: 2.1/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -851.543 ± 634.482 $\chi^2/\text{NDF}: 11.7/21$

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: 1850.951+/-0.608 χ^2/NDF : 122467.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

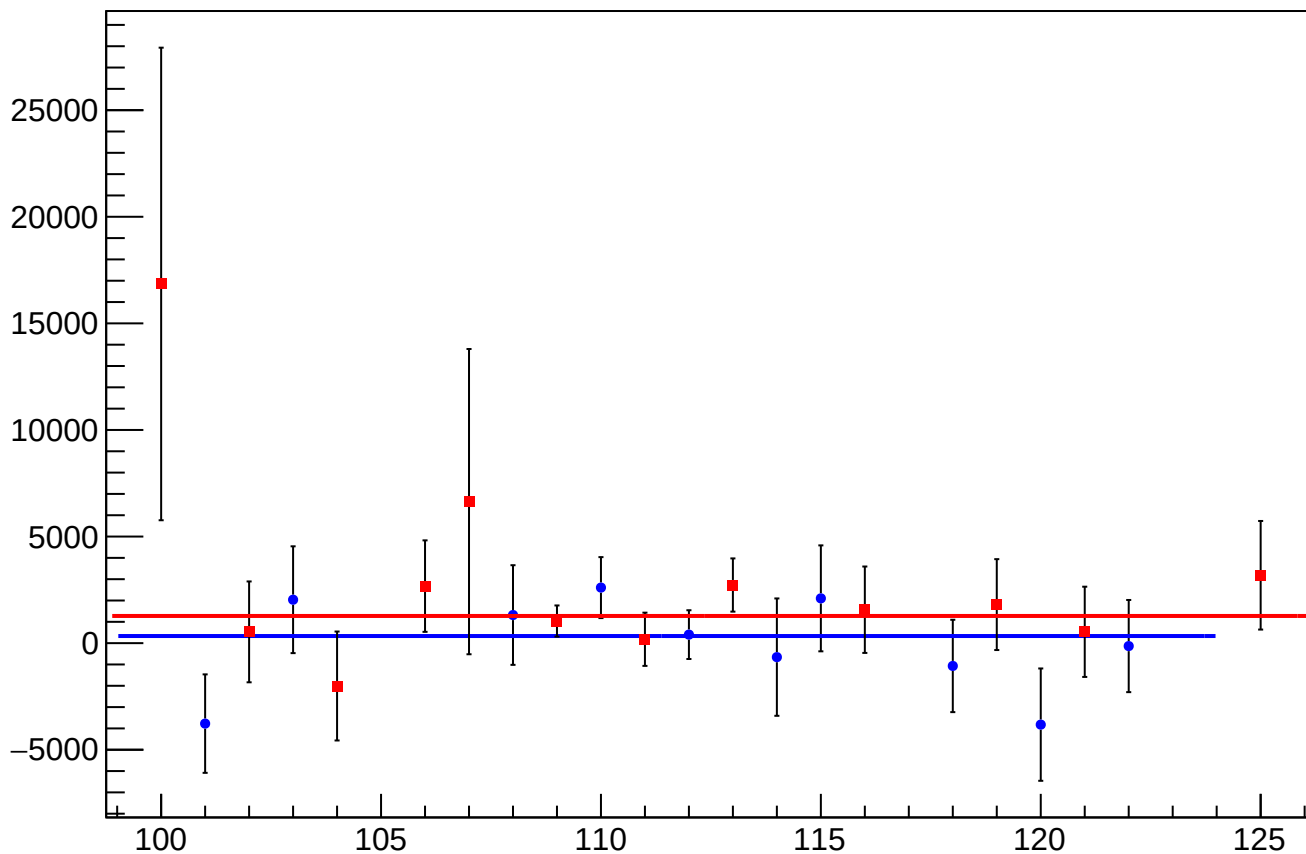
Right: 1857.094+/-0.449 χ^2/NDF : 406547.3/21

In: 1864.451+/-0.665 χ^2/NDF : 283855.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1857.094+/-0.449 χ^2/NDF : 406547.3/21

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: 1275.234+/-467.490 χ^2/NDF : 7.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

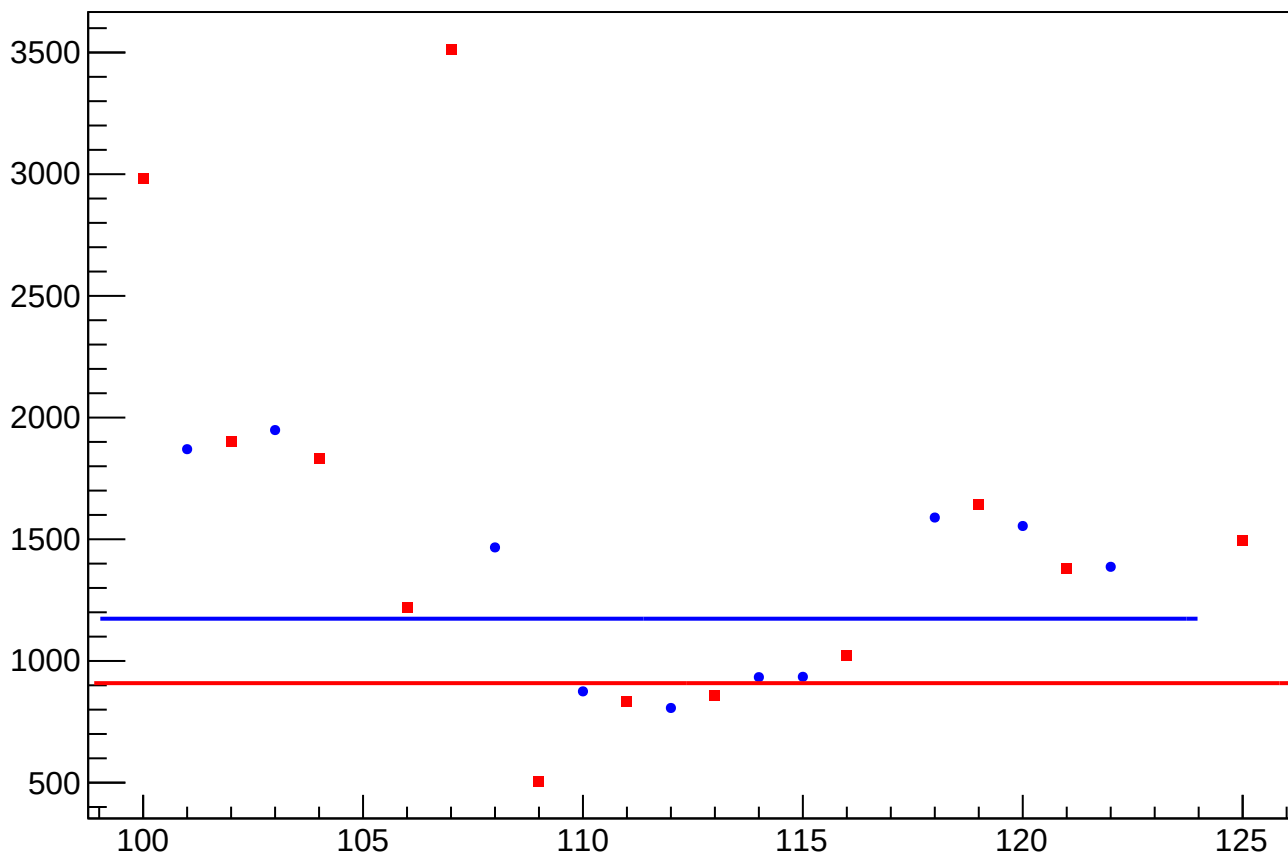
Right: 930.117+/-372.041 χ^2/NDF : 19.1/21

In: 333.987+/-614.411 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 930.117+/-372.041 χ^2/NDF : 19.1/21

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: 908.861+/-0.331 χ^2/NDF : 2064512.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

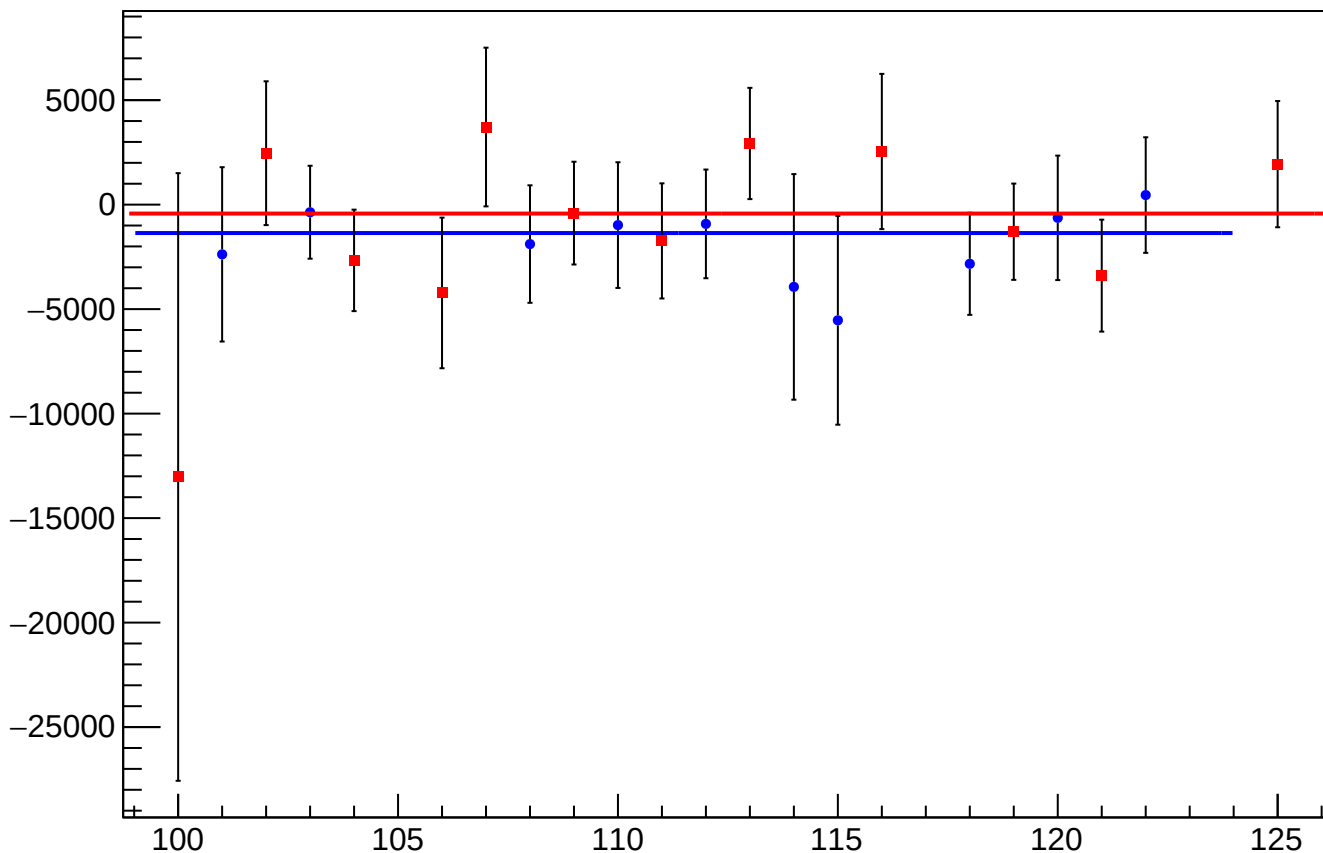
Right: 1005.949+/-0.263 χ^2/NDF : 3166129.3/21

In: 1173.650+/-0.434 χ^2/NDF : 866356.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1005.949+/-0.263 χ^2/NDF : 3166129.3/21

eigen_dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1359.310+/-940.545 χ^2/NDF : 2.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -427.507+/-859.507 χ^2/NDF : 9.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

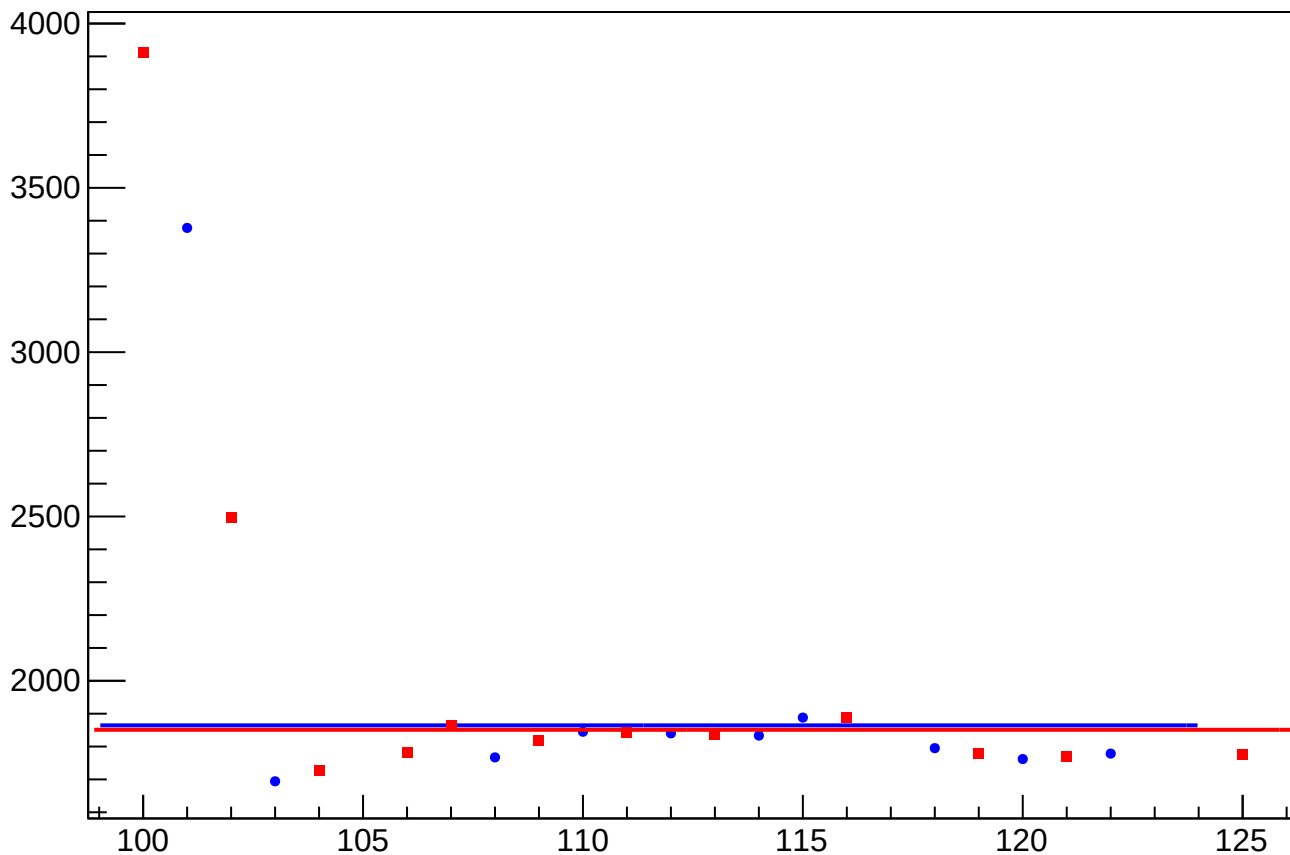
Right: -851.544+/-634.482 χ^2/NDF : 11.7/21

In: -1359.310+/-940.545 χ^2/NDF :2.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -851.544+/-634.482 χ^2/NDF : 11.7/21

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: 1850.951+/-0.608 χ^2/NDF : 122467.0/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

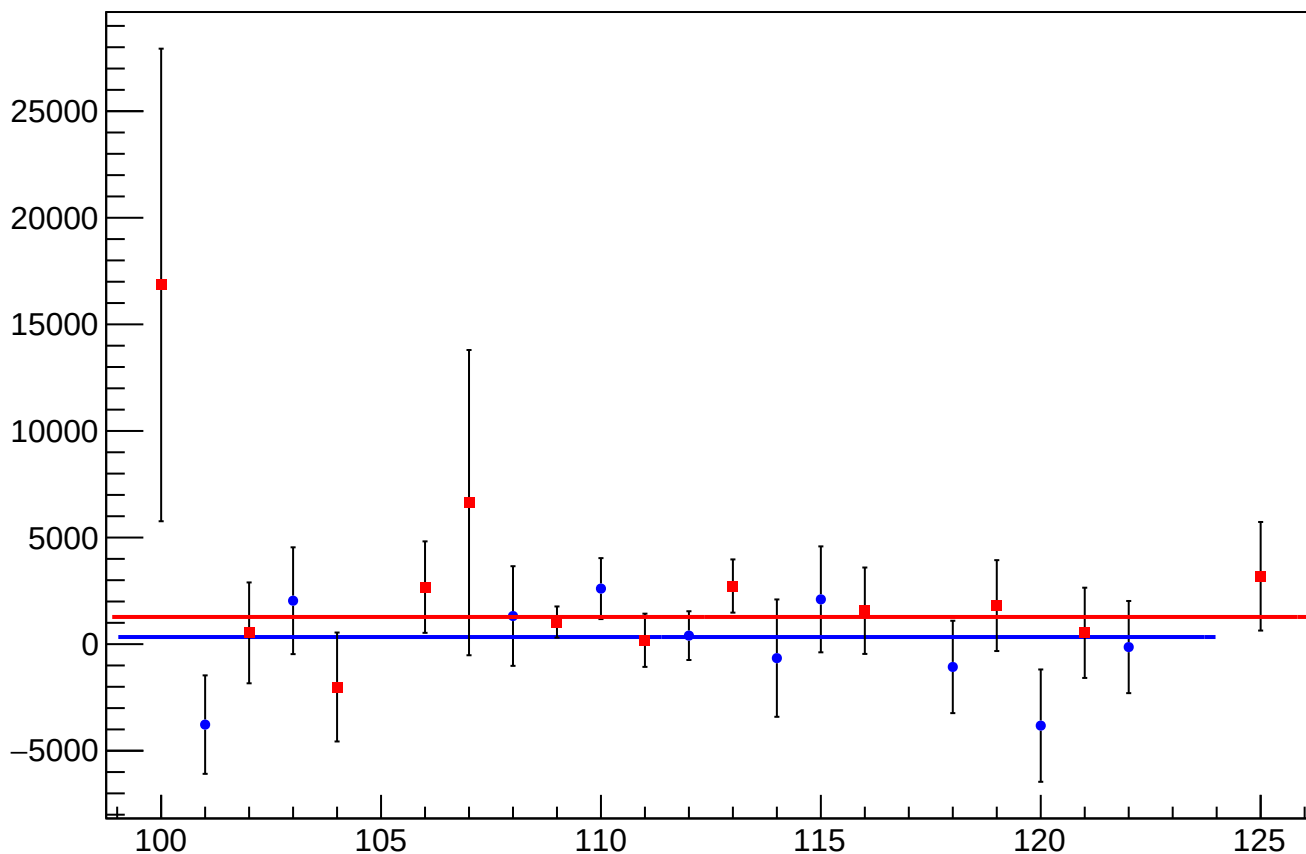
Right: 1857.094+/-0.449 χ^2/NDF : 406547.3/21

In: 1864.451+/-0.665 χ^2/NDF :283855.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1857.094+/-0.449 χ^2/NDF : 406547.3/21

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: 1275.232+/-467.489 χ^2/NDF : 7.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

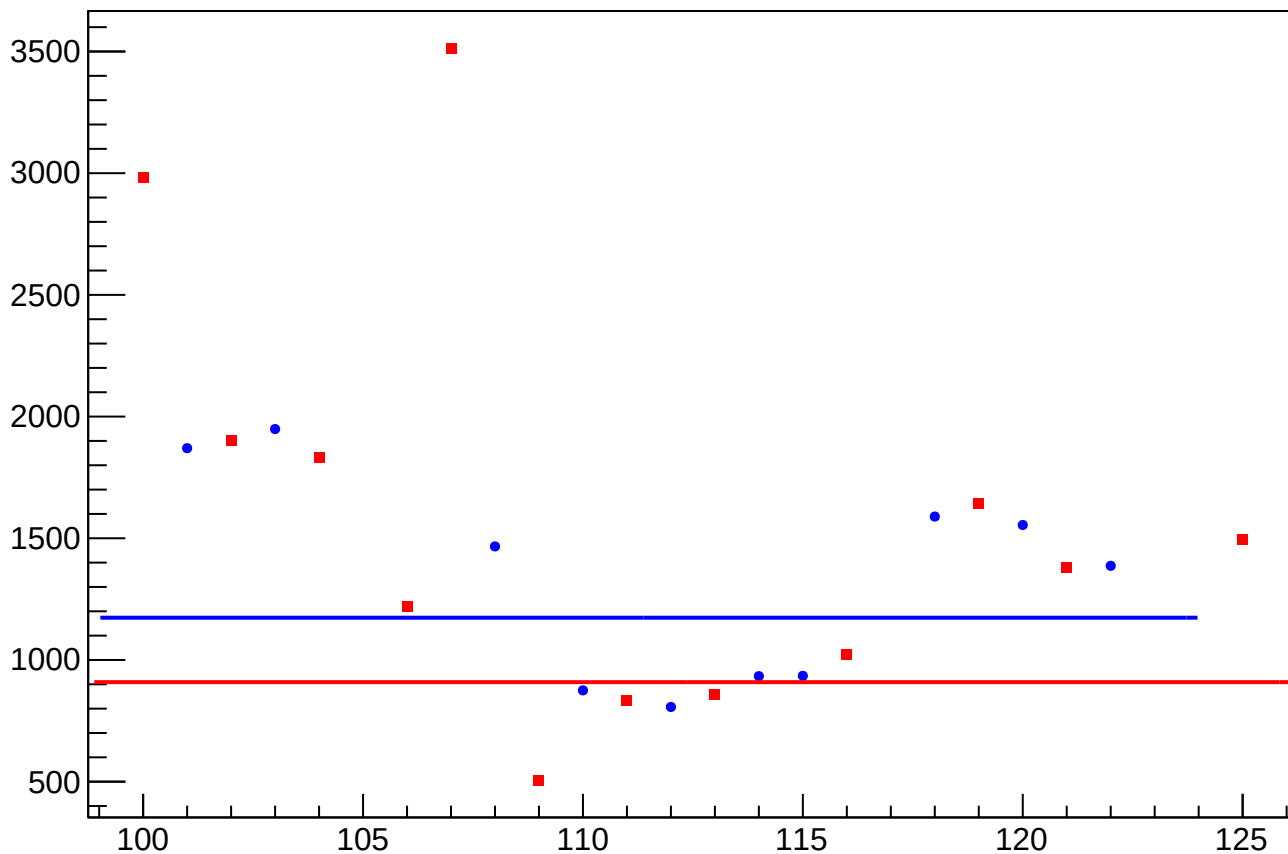
Right: 930.114+/-372.040 χ^2/NDF : 19.1/21

In: 333.988+/-614.408 χ^2/NDF :9.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 930.114+/-372.040 χ^2/NDF : 19.1/21

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: 908.860+/-0.331 χ^2/NDF : 2064504.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

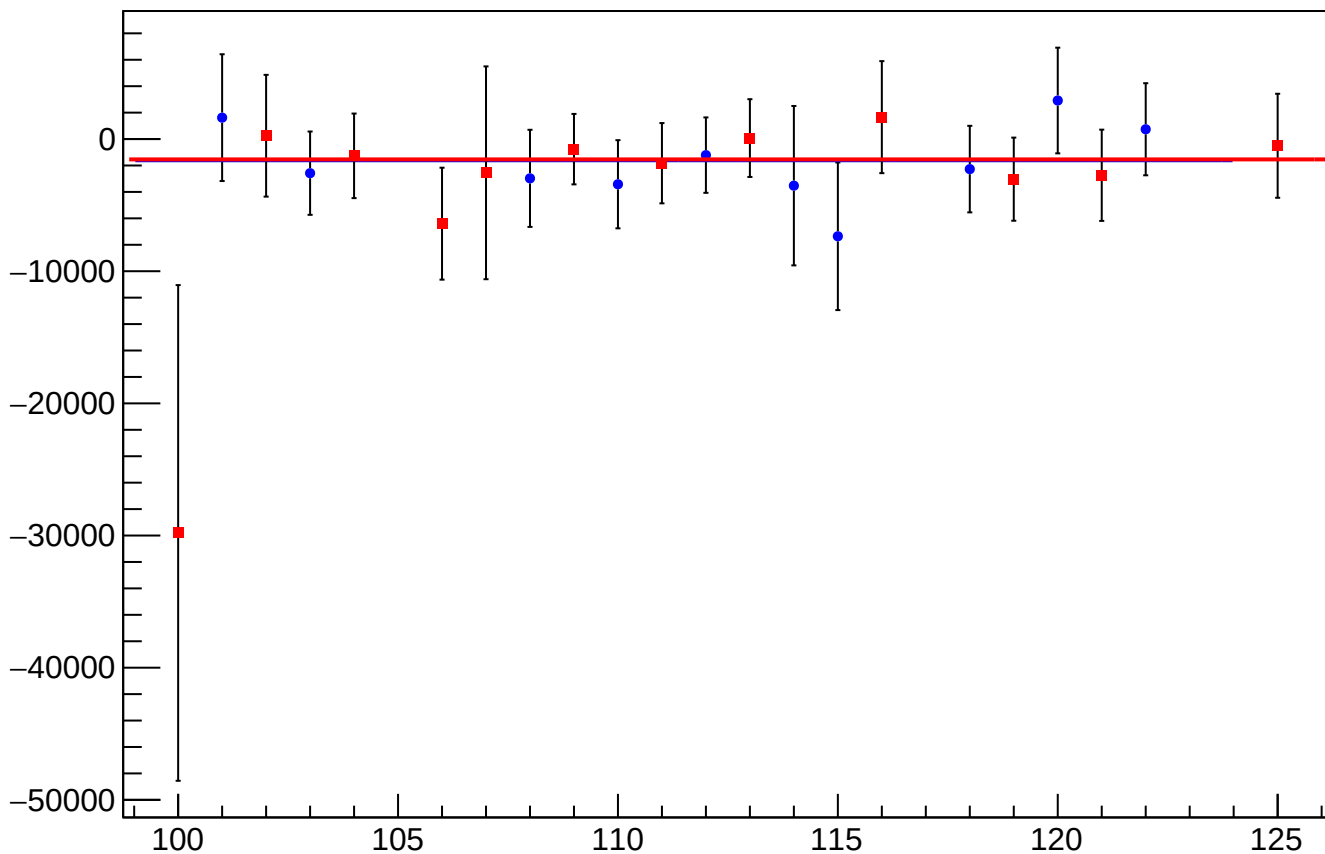
Right: 1005.946+/-0.263 χ^2/NDF : 3166123.8/21

In: 1173.643+/-0.434 χ^2/NDF :866368.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1005.946+/-0.263 χ^2/NDF : 3166123.8/21

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: -1538.698+/-1060.666 χ^2/NDF : 5.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

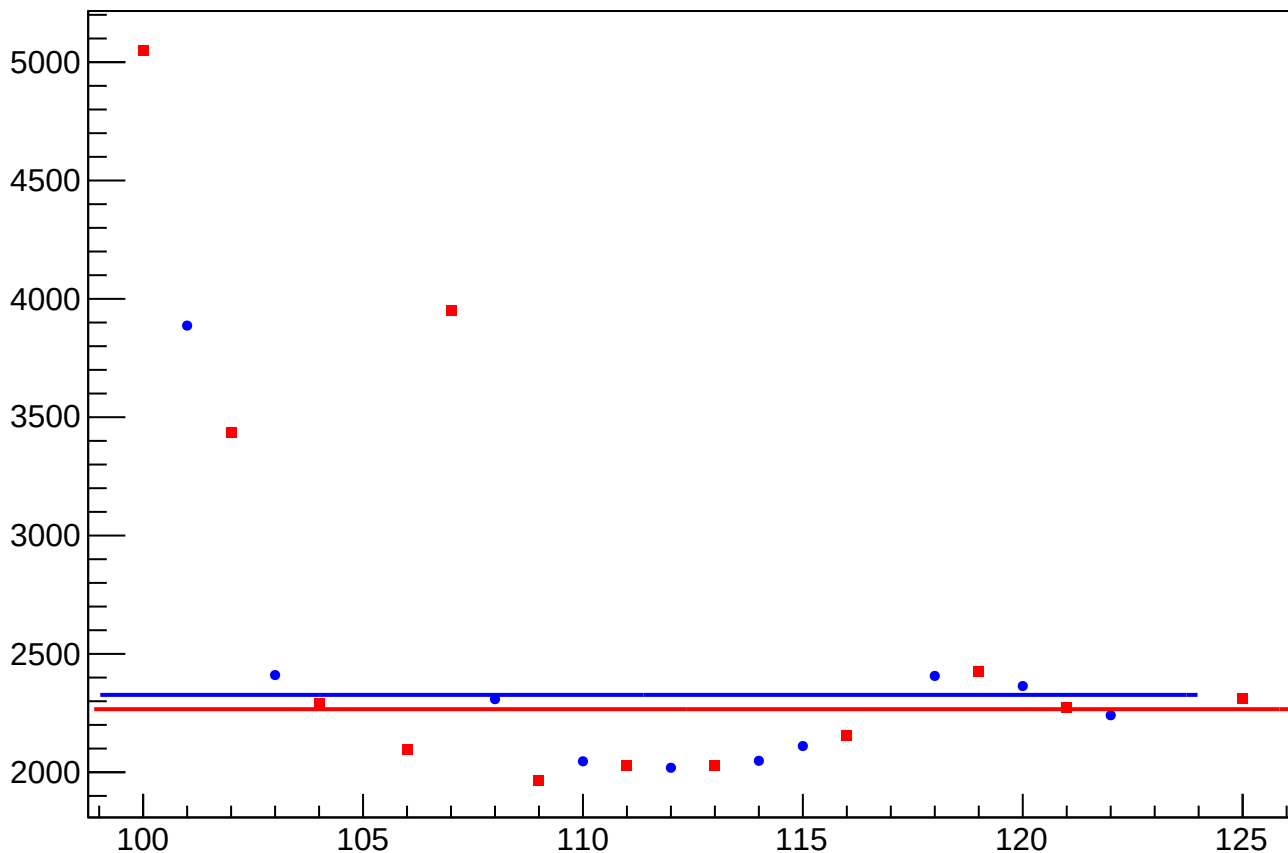
Right: -1567.363+/-786.258 χ^2/NDF : 9.1/21

In: -1602.328+/-1171.441 χ^2/NDF : 3.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1567.363+/-786.258 χ^2/NDF : 9.1/21

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: 2266.469+/-0.750 χ^2/NDF : 321114.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

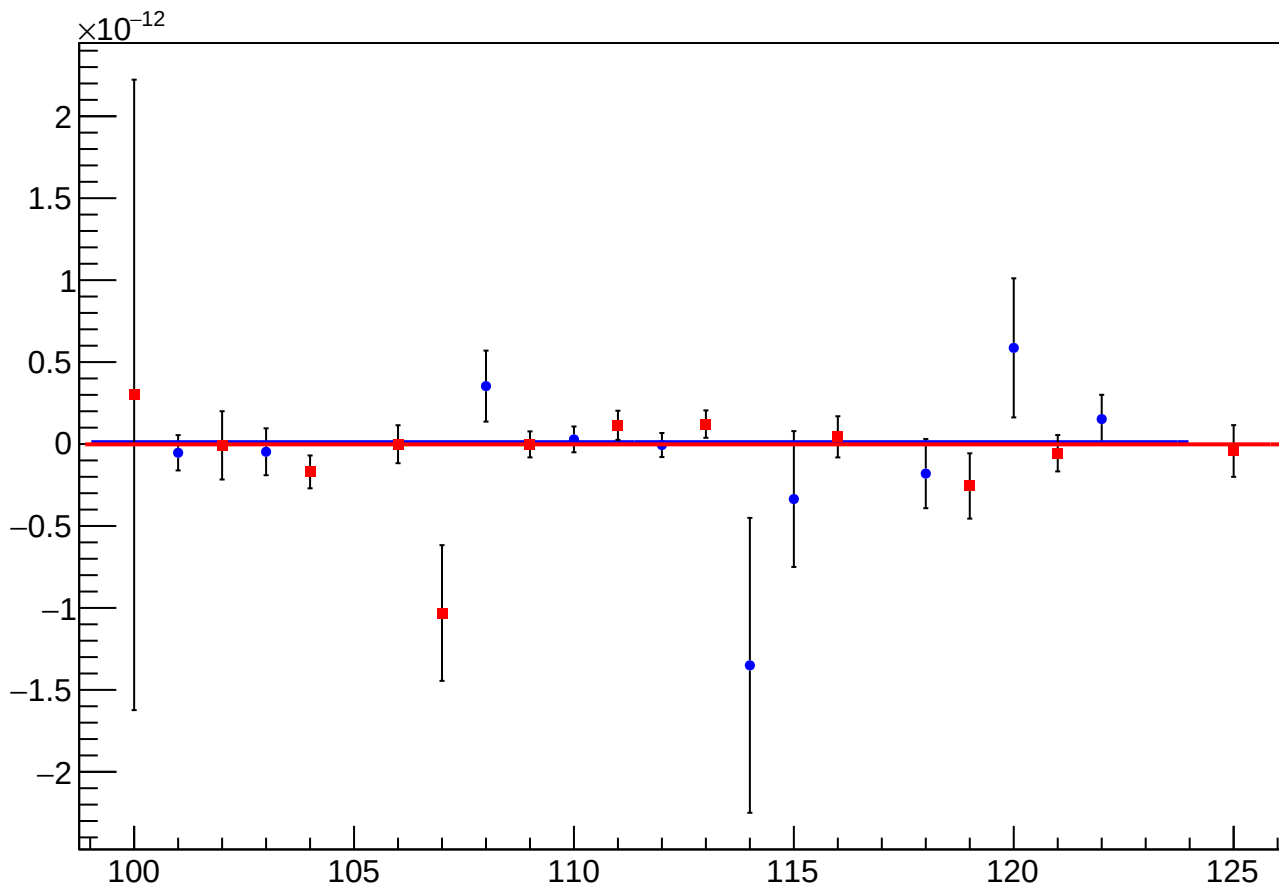
Right: 2293.661+/-0.556 χ^2/NDF : 584386.7/21

In: 2326.830+/-0.828 χ^2/NDF : 260354.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2293.661+/-0.556 χ^2/NDF : 584386.7/21

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 : 15.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

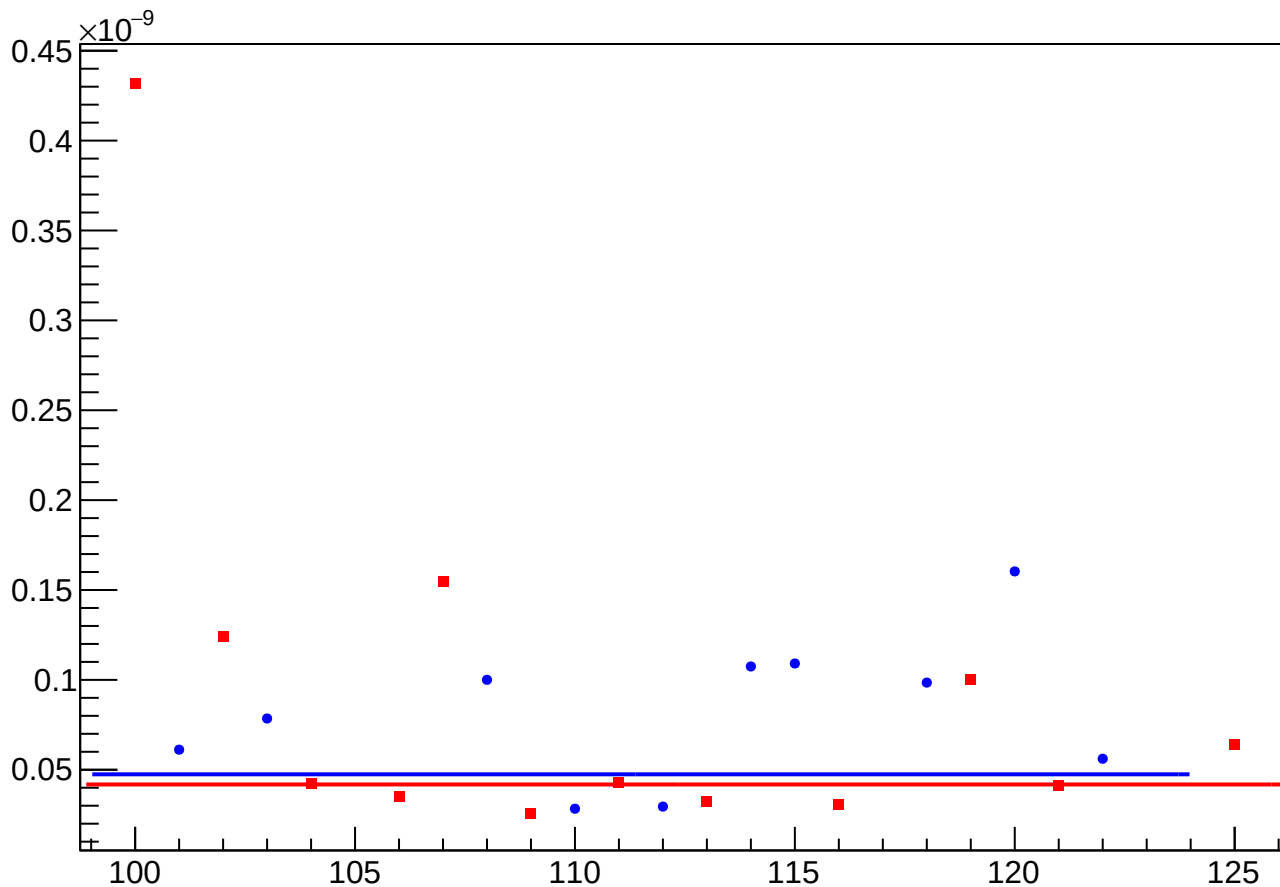
Right: 0.000+/-0.000 χ^2/NDF : 24.7/21

In: 0.000+/-0.000 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.7/21

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 : 886140.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

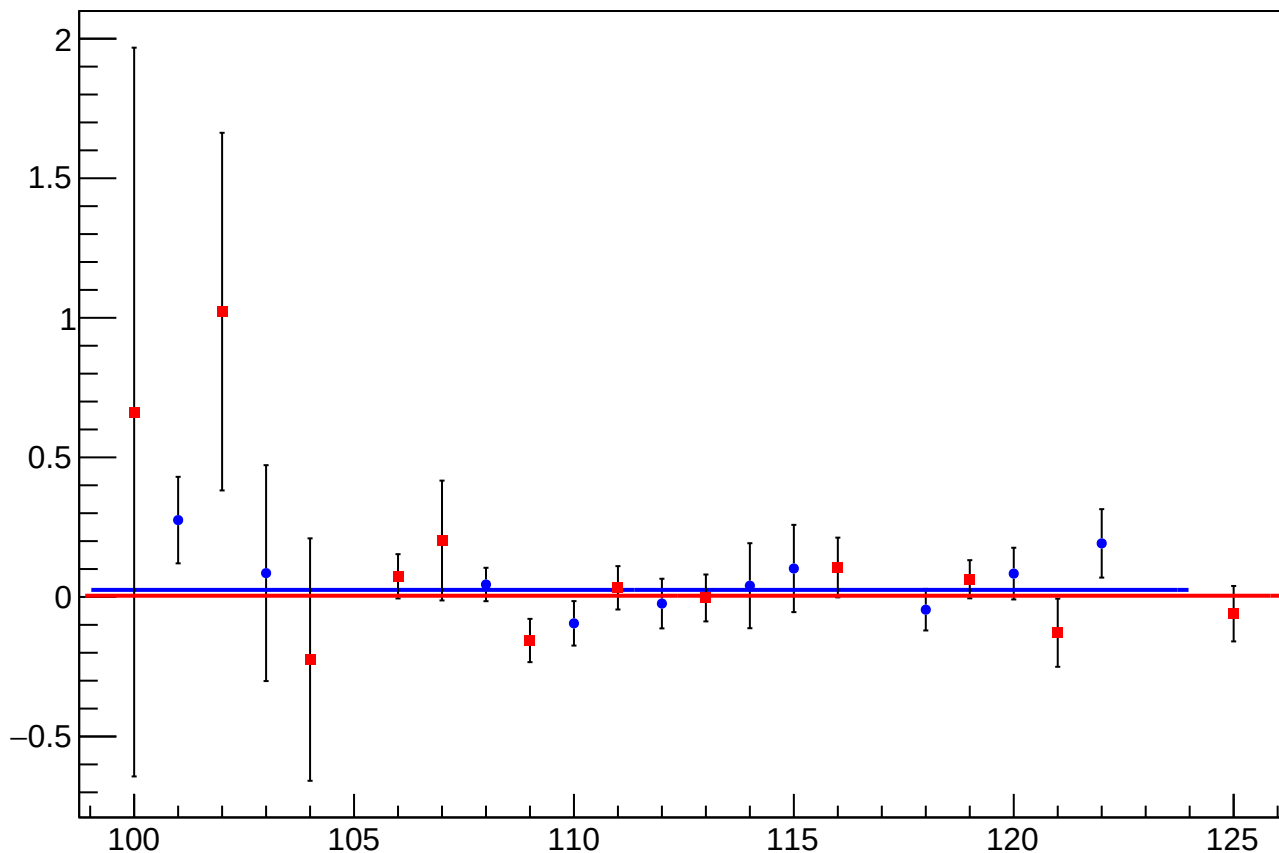
Right: 0.000+/-0.000 χ^2/NDF : 1708868.8/21

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 : 1708868.8/21

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: 0.004+/-0.030 χ^2/NDF : 12.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

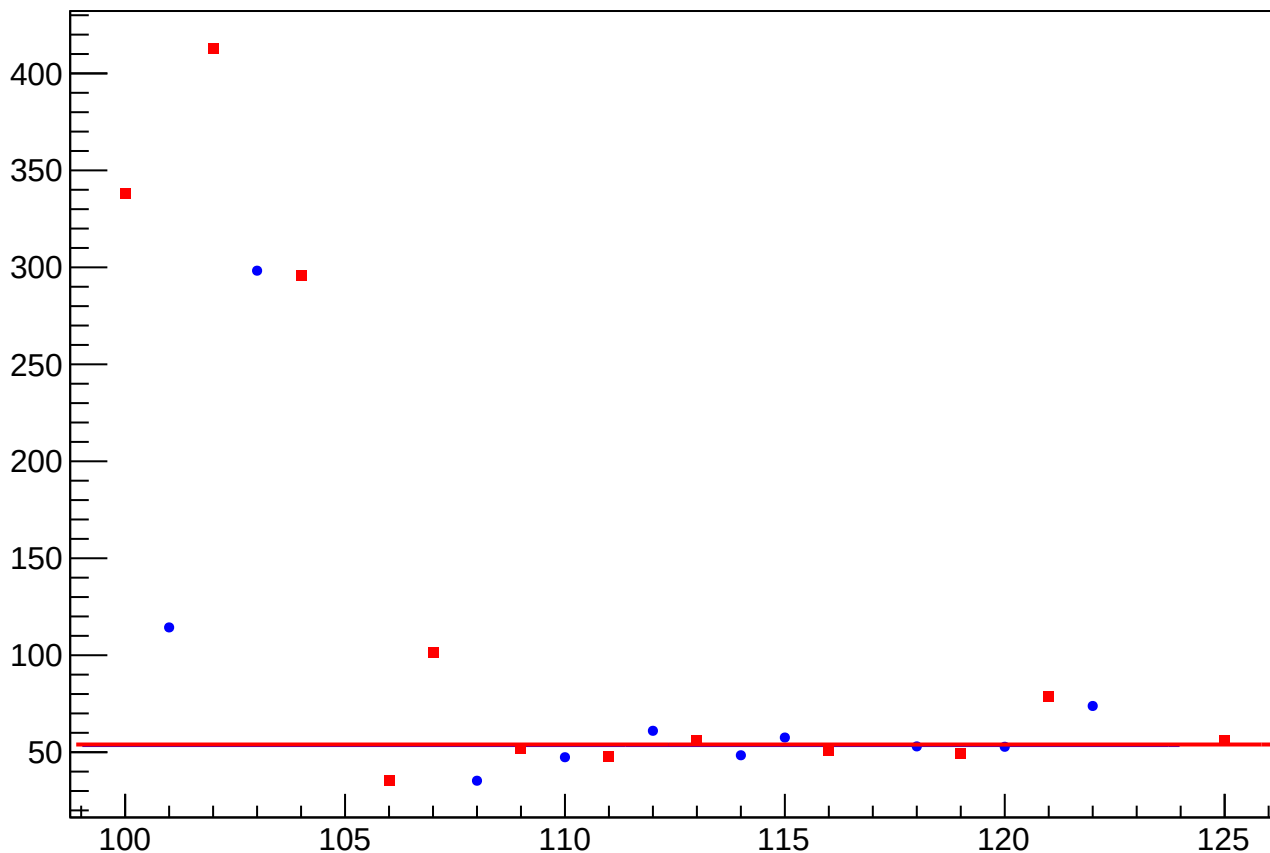
Right: 0.014+/-0.021 χ^2/NDF : 21.3/21

In: 0.025+/-0.031 χ^2/NDF :8.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.021 χ^2/NDF : 21.3/21

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: 53.971+/-0.021 χ^2/NDF : 1660677.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

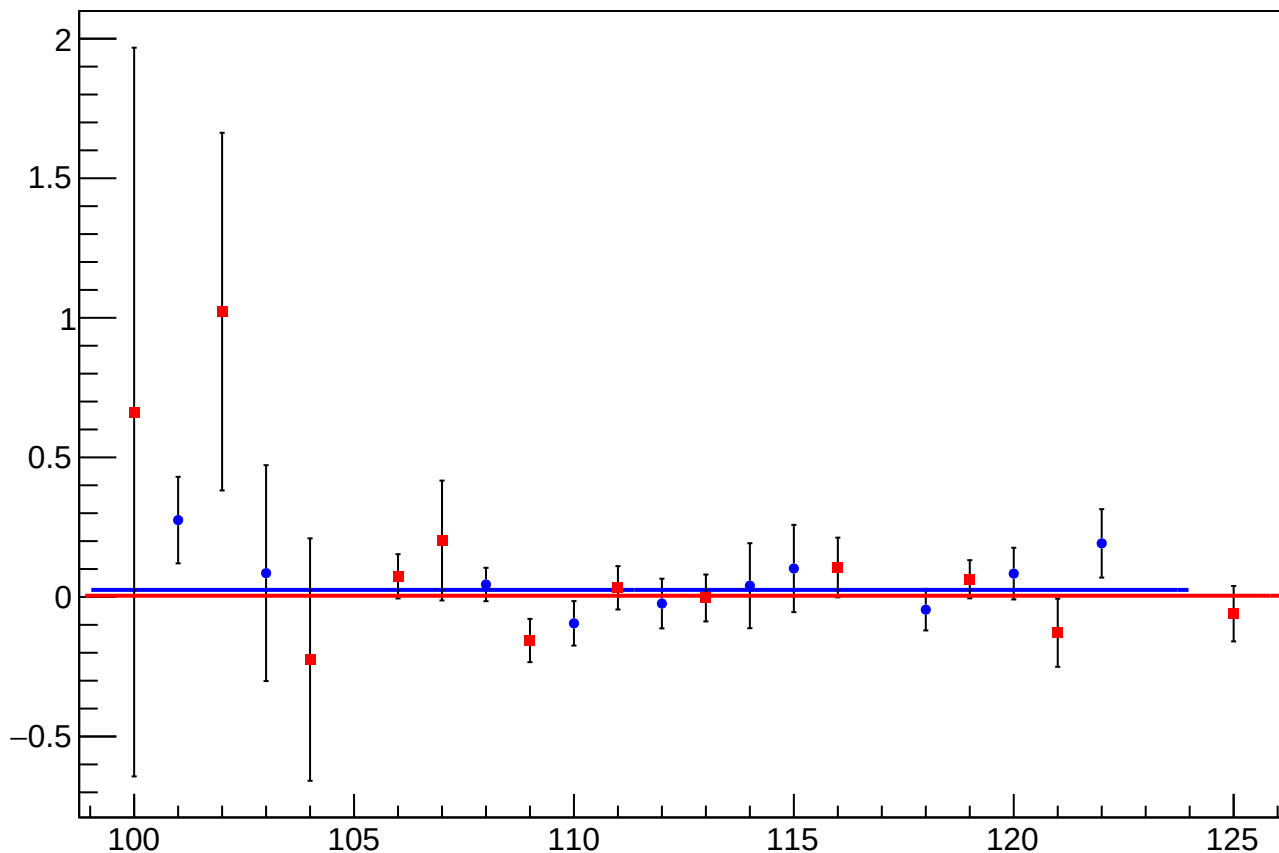
Right: 53.836+/-0.015 χ^2/NDF : 3040326.9/21

In: 53.692+/-0.022 χ^2/NDF : 1379563.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.836+/-0.015 χ^2/NDF : 3040326.9/21

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: 0.004+/-0.030 χ^2/NDF : 12.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

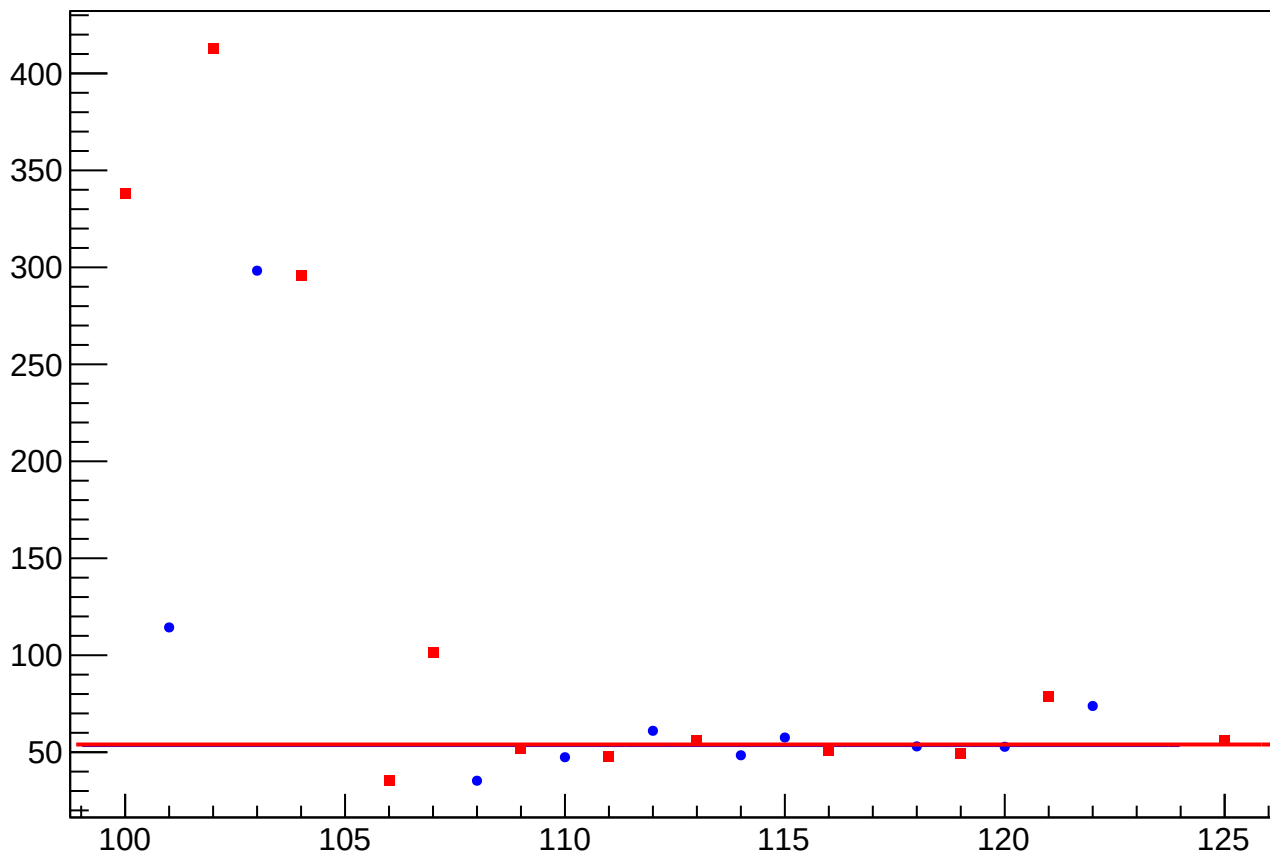
Right: 0.014+/-0.021 χ^2/NDF : 21.3/21

In: 0.025+/-0.031 χ^2/NDF :8.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.021 χ^2/NDF : 21.3/21

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.692+/-0.022 χ^2/NDF : 1379563.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.971+/-0.021 χ^2/NDF : 1660677.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

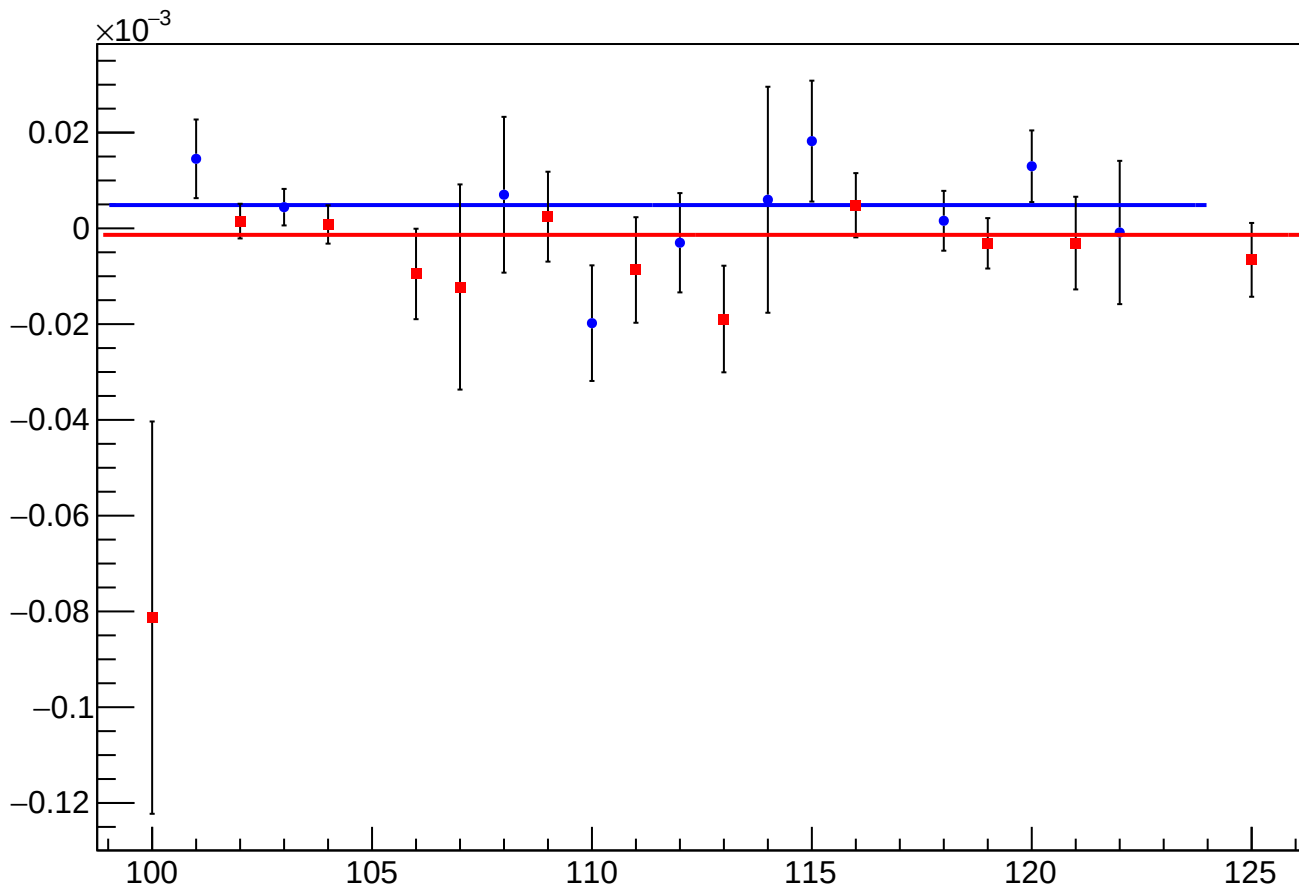
Right: 53.836+/-0.015 χ^2/NDF : 3040326.9/21

In: 53.692+/-0.022 χ^2/NDF : 1379563.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.836+/-0.015 χ^2/NDF : 3040326.9/21

asym_us_dd_atlr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.3/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

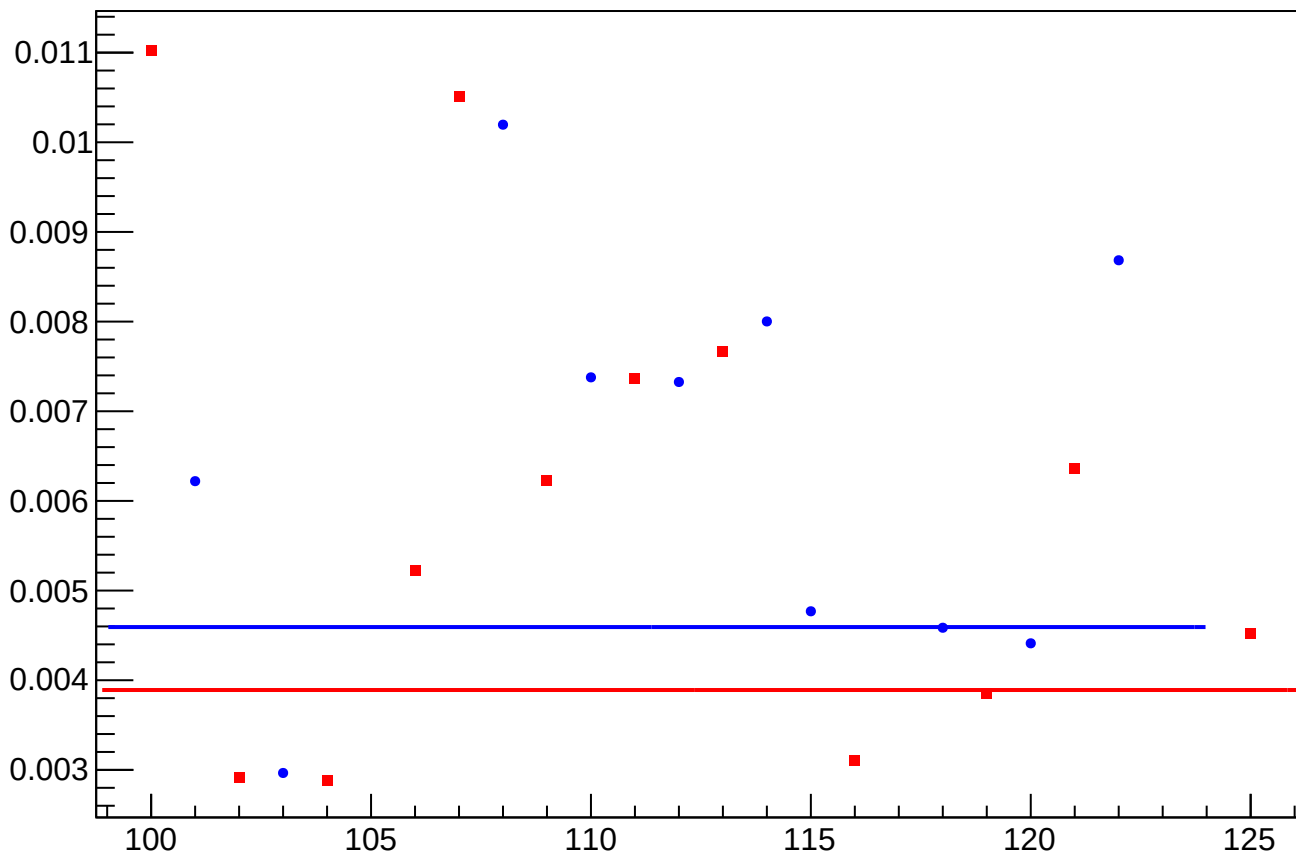
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.0/21

In: 0.000 $\pm$ 0.000 χ^2 /NDF:8.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.0/21

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 : 1286143.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

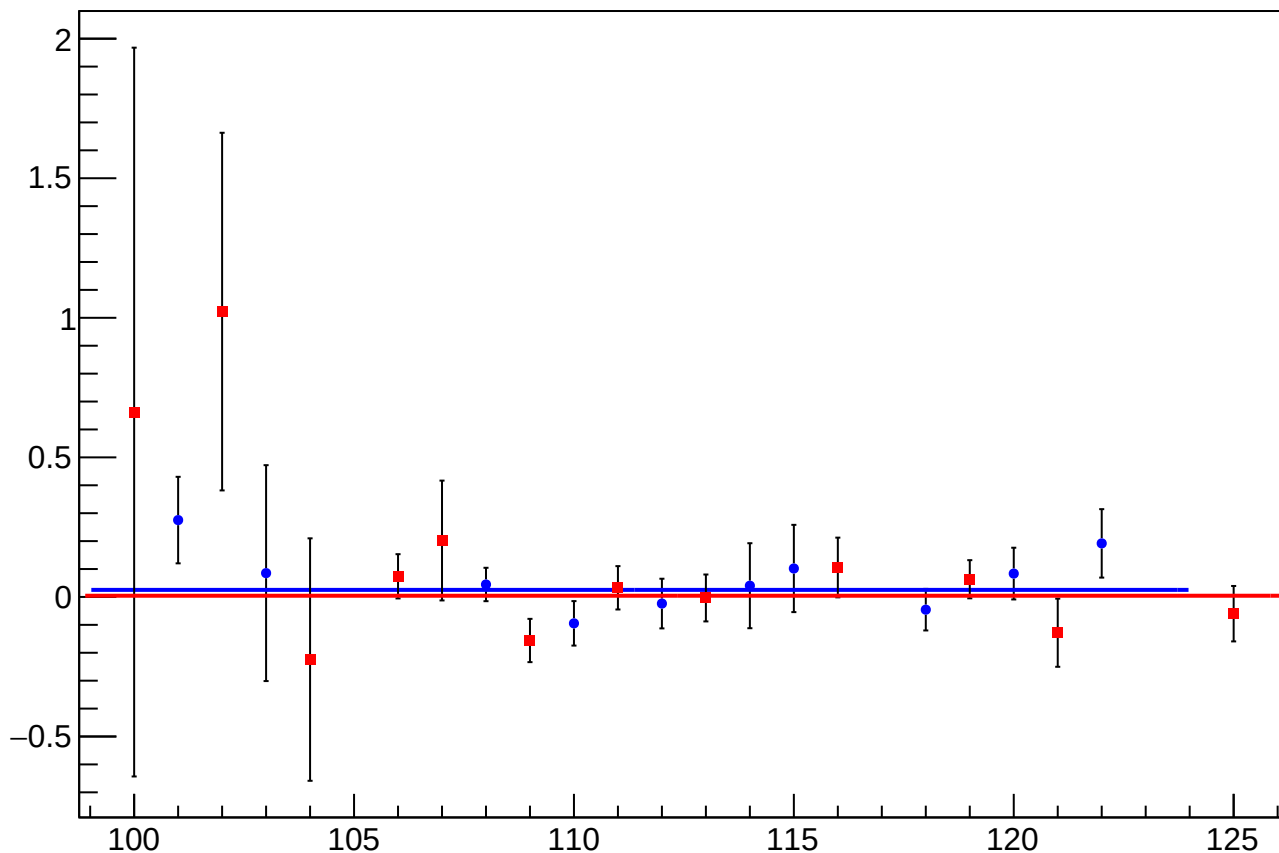
Right: 0.004+/-0.000 χ^2/NDF : 2502664.8/21

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 : 2502664.8/21

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: 0.004+/-0.030 χ^2/NDF : 12.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

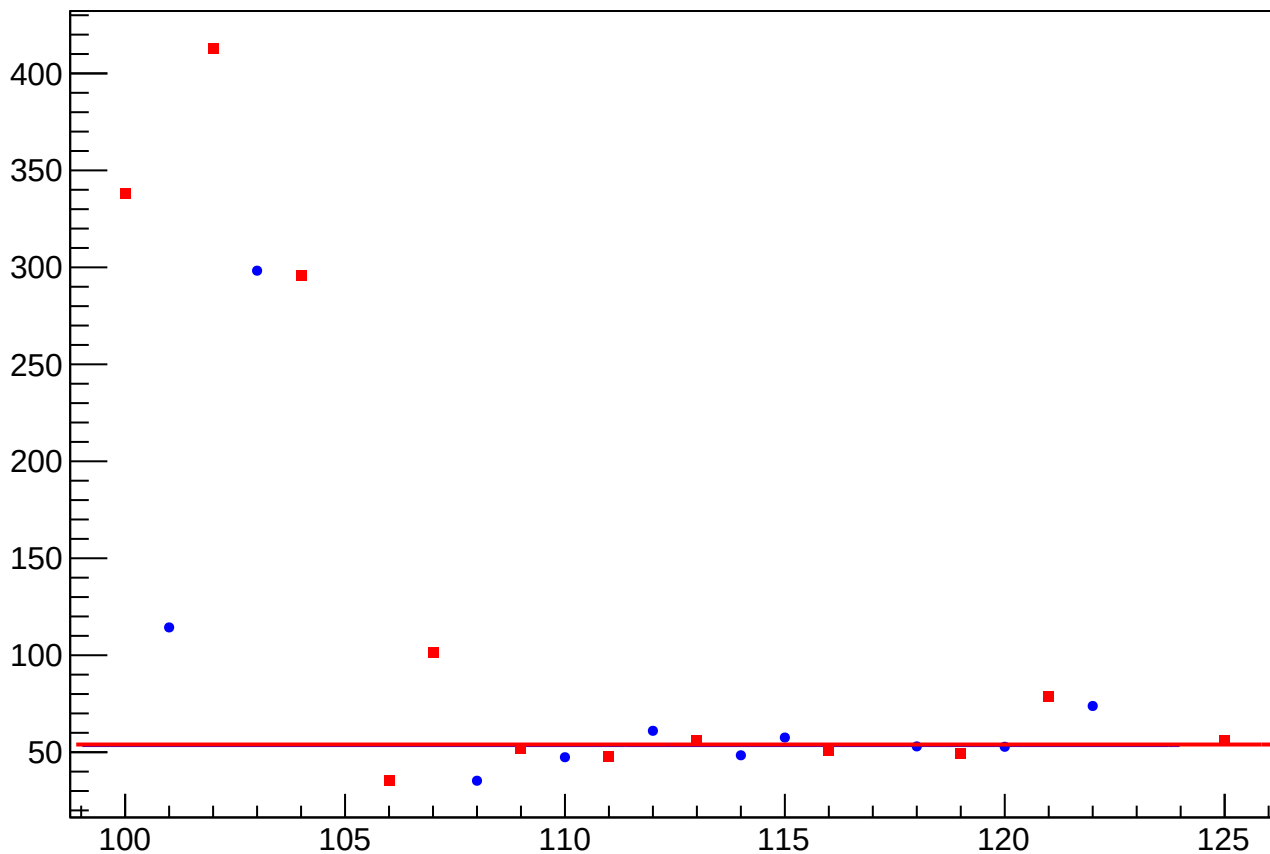
Right: 0.014+/-0.021 χ^2/NDF : 21.3/21

In: 0.025+/-0.031 χ^2/NDF :8.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.021 χ^2/NDF : 21.3/21

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: 53.972+/-0.021 χ^2/NDF : 1660655.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

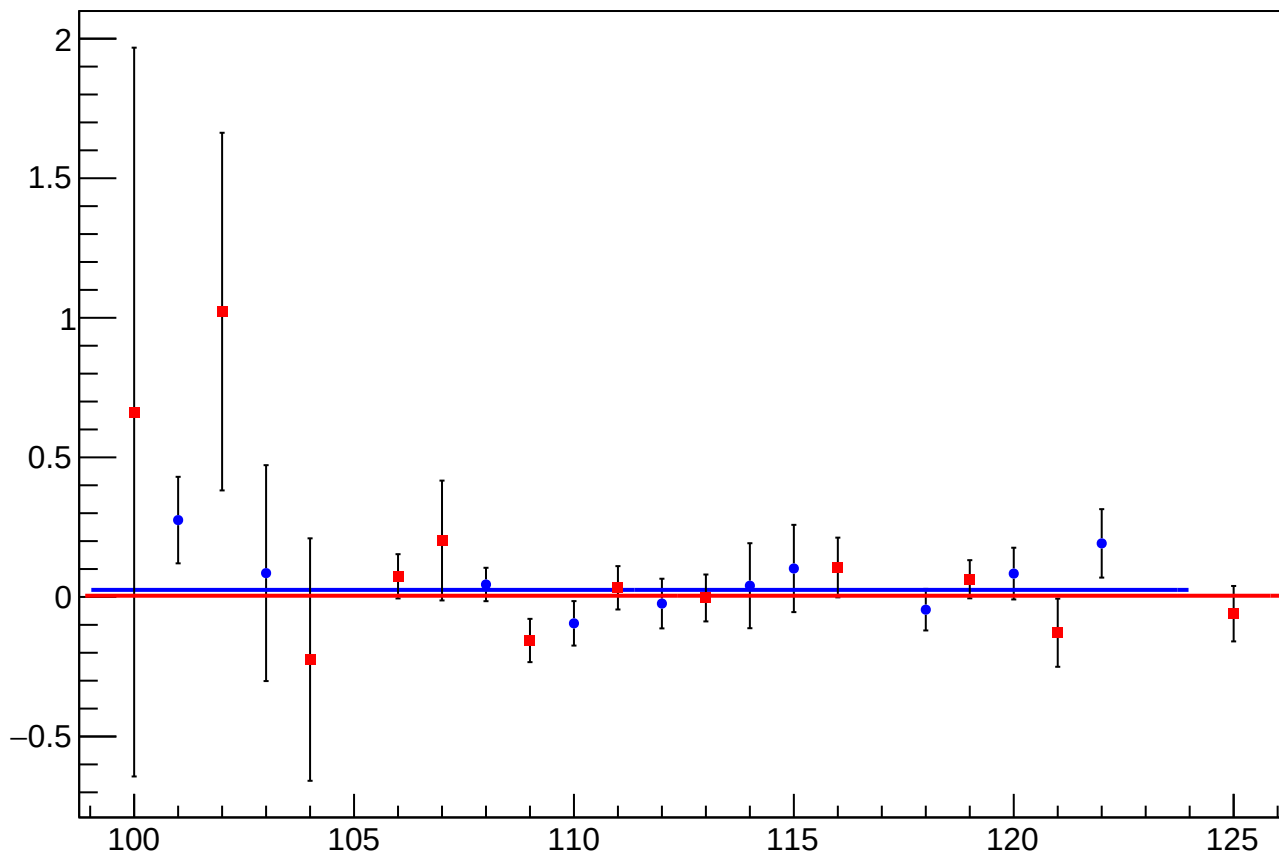
Right: 53.837+/-0.015 χ^2/NDF : 3040214.5/21

In: 53.694+/-0.022 χ^2/NDF : 1379474.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.837+/-0.015 χ^2/NDF : 3040214.5/21

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: 0.004+/-0.030 χ^2/NDF : 12.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

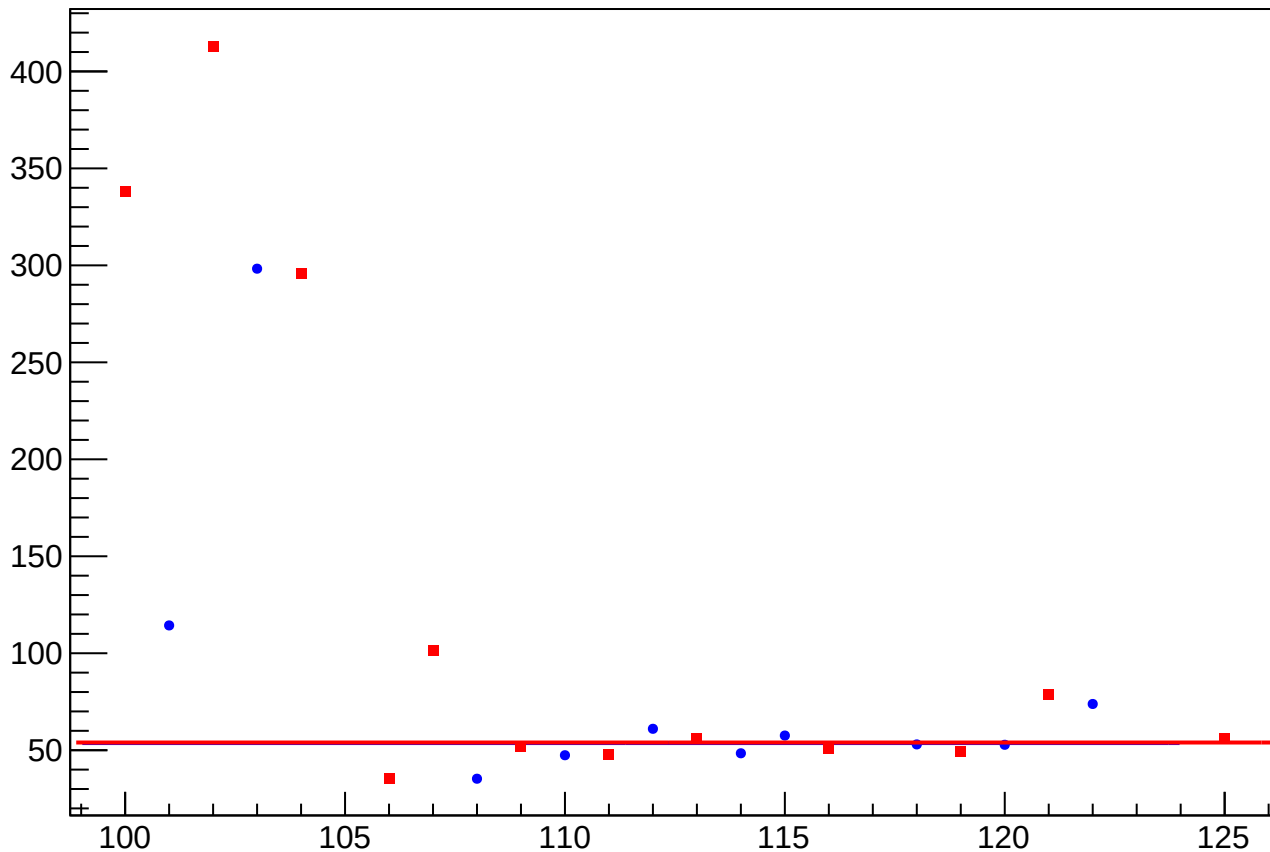
Right: 0.014+/-0.021 χ^2/NDF : 21.3/21

In: 0.025+/-0.031 χ^2/NDF :8.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.021 χ^2/NDF : 21.3/21

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: 53.972+/-0.021 χ^2/NDF : 1660655.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

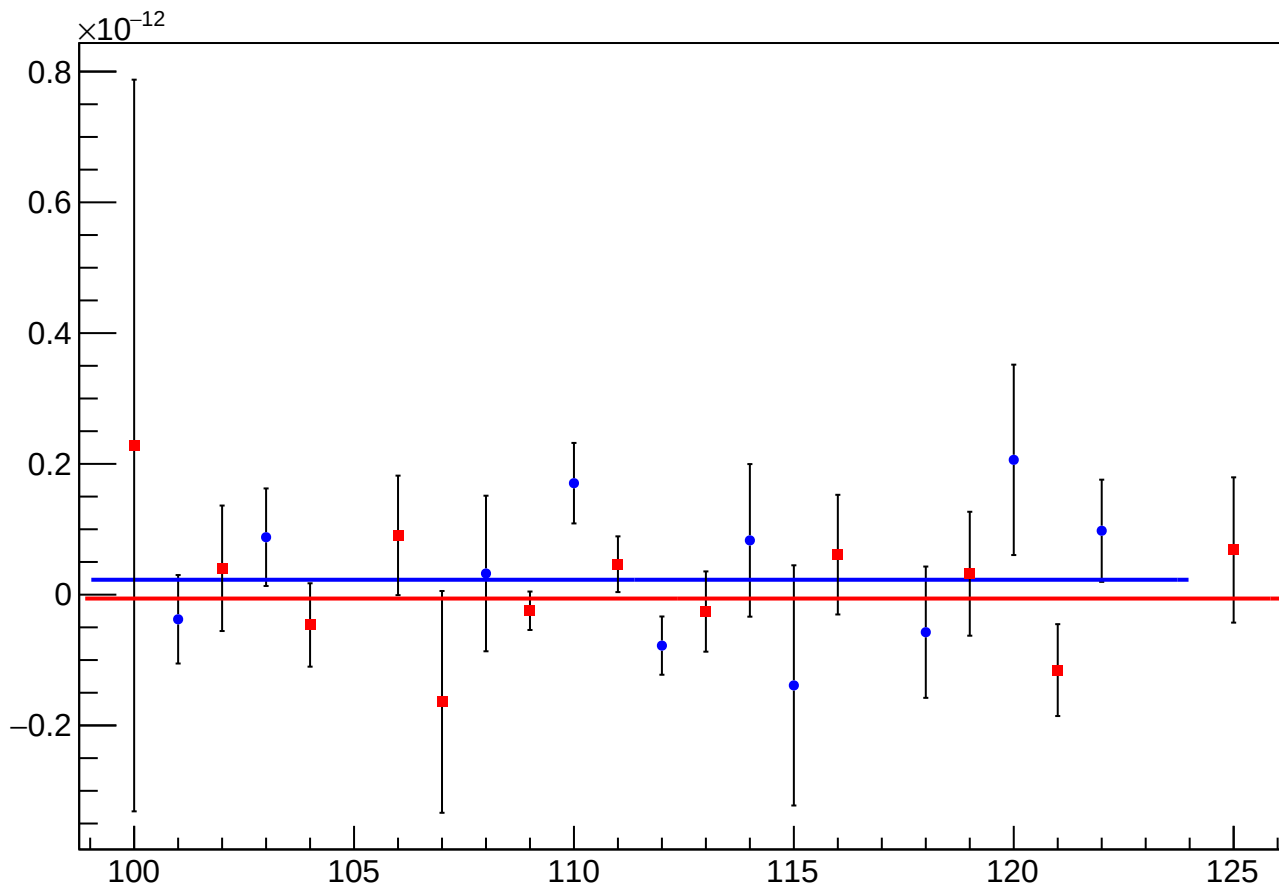
Right: 53.837+/-0.015 χ^2/NDF : 3040214.5/21

In: 53.694+/-0.022 χ^2/NDF : 1379474.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.837+/-0.015 χ^2/NDF : 3040214.5/21

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 : 8.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

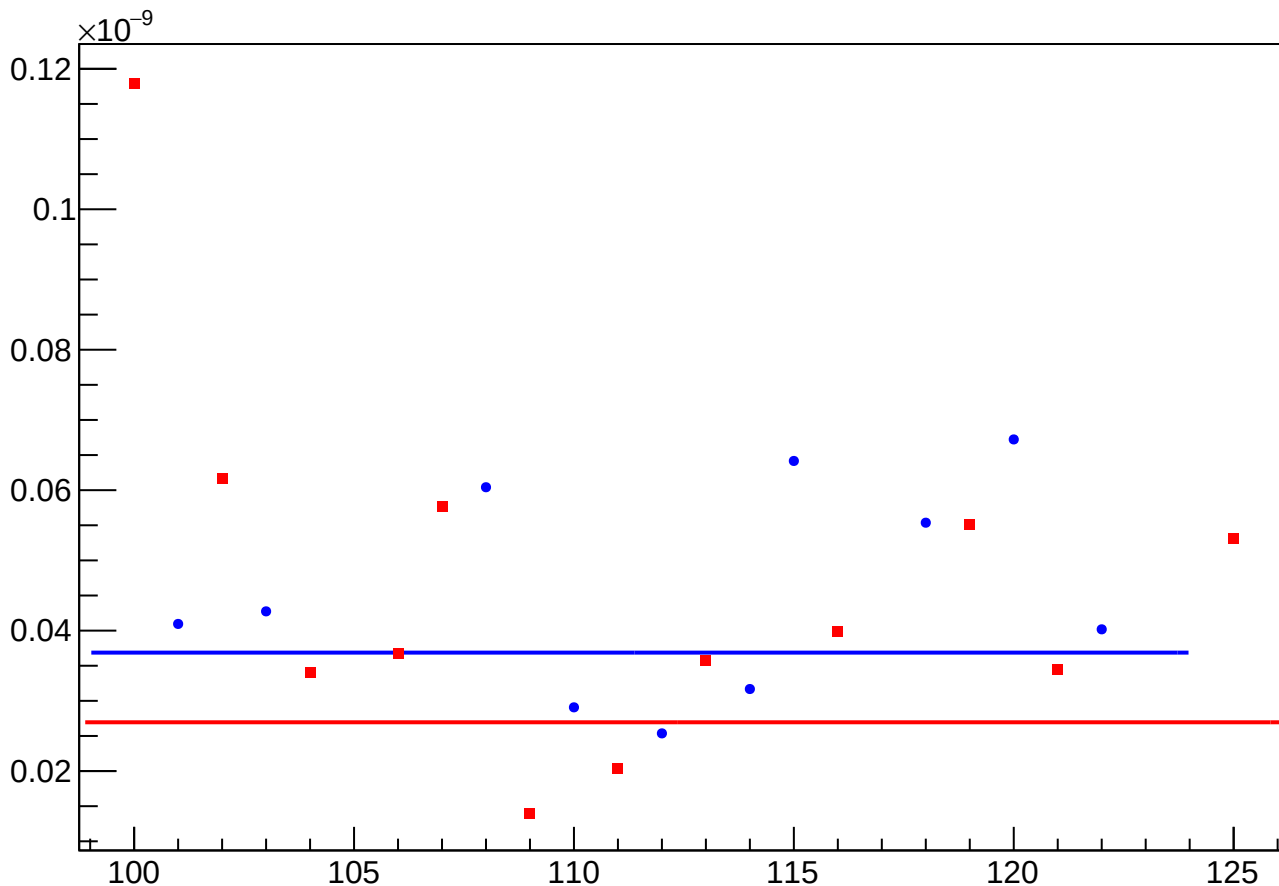
Right: 0.000+/-0.000 χ^2/NDF : 25.9/21

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 : 25.9/21

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 : 1257576.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

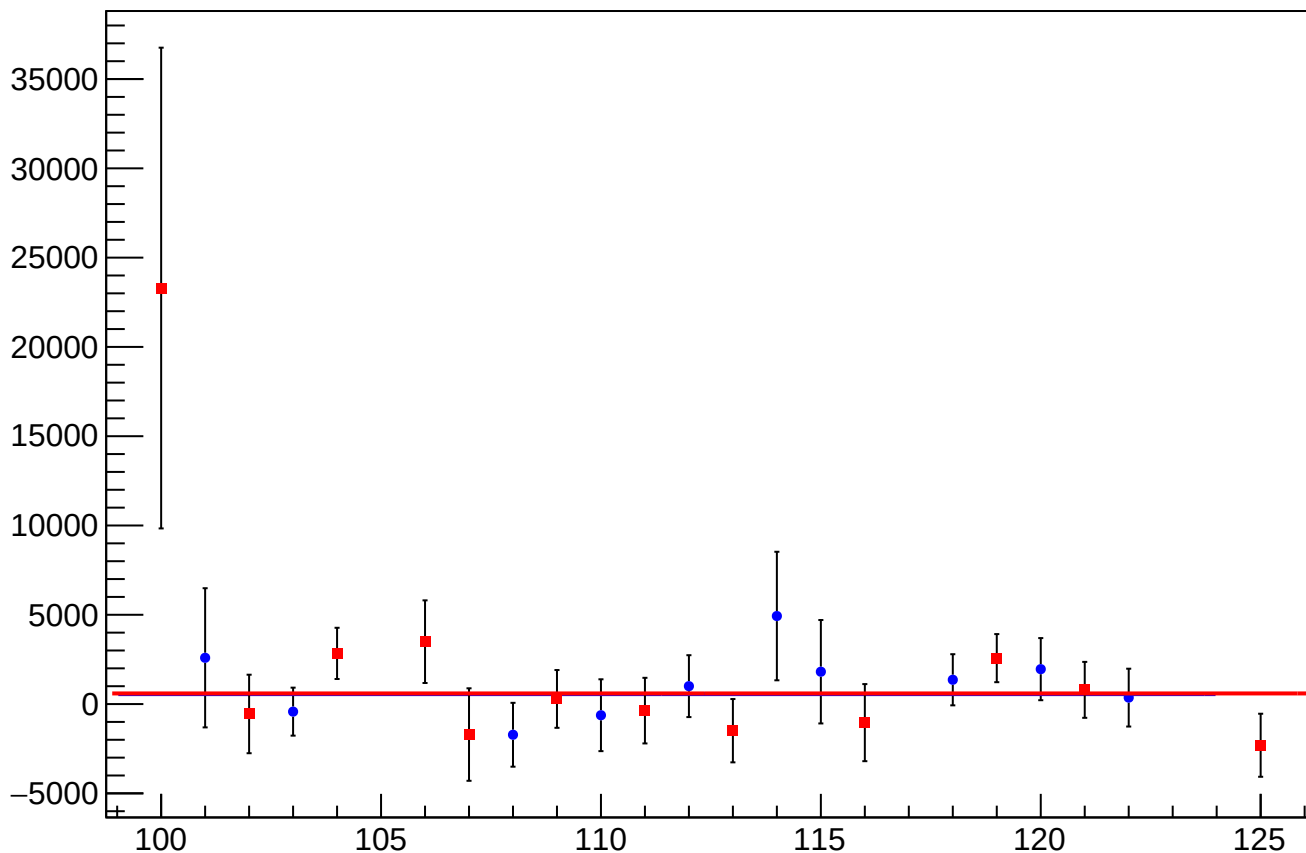
Right: 0.000+/-0.000 χ^2/NDF : 1937137.5/21

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 : 1937137.5/21

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: 594.991+/-532.578 χ^2/NDF : 15.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

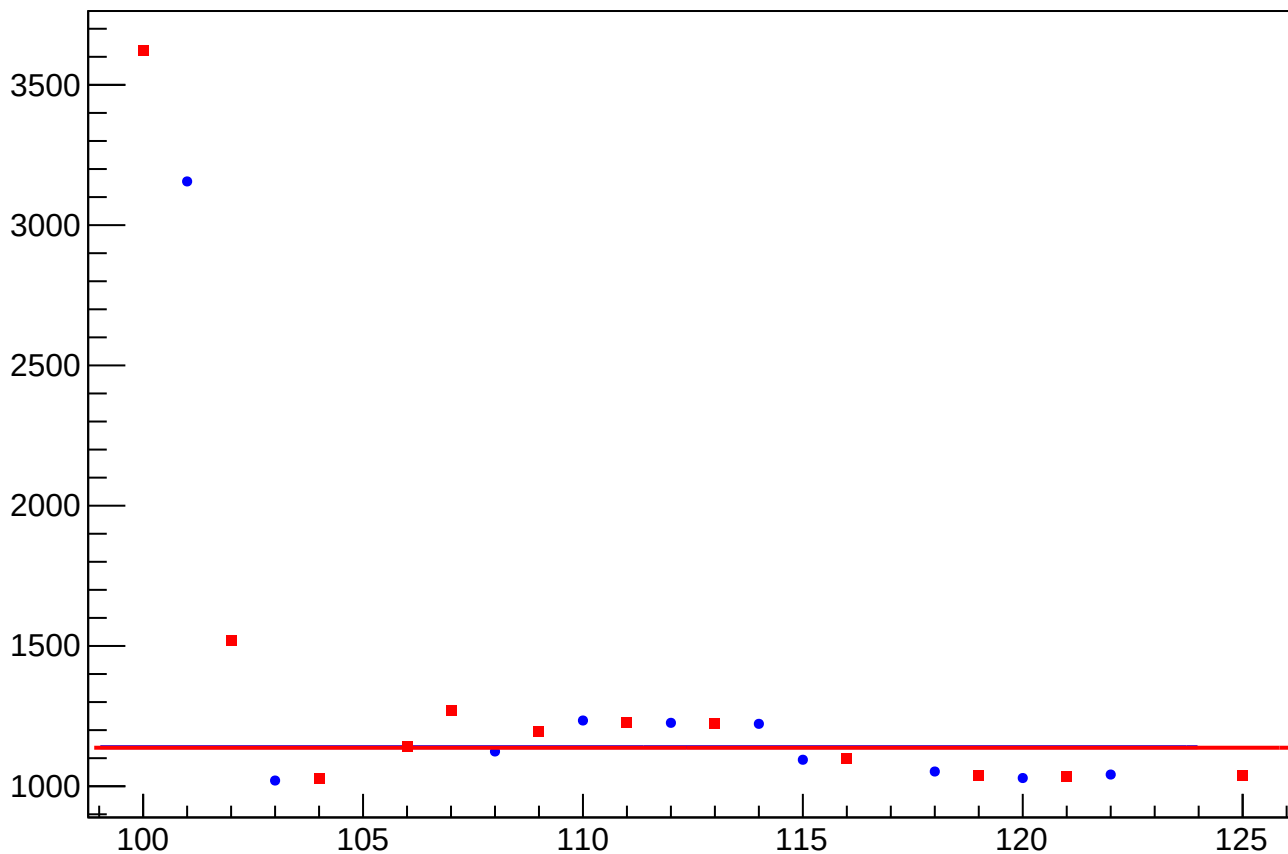
Right: 578.040+/-394.228 χ^2/NDF : 20.5/21

In: 557.494+/-586.337 χ^2/NDF : 5.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 578.040+/-394.228 χ^2/NDF : 20.5/21

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: 1137.261+/-0.377 χ^2/NDF : 184373.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

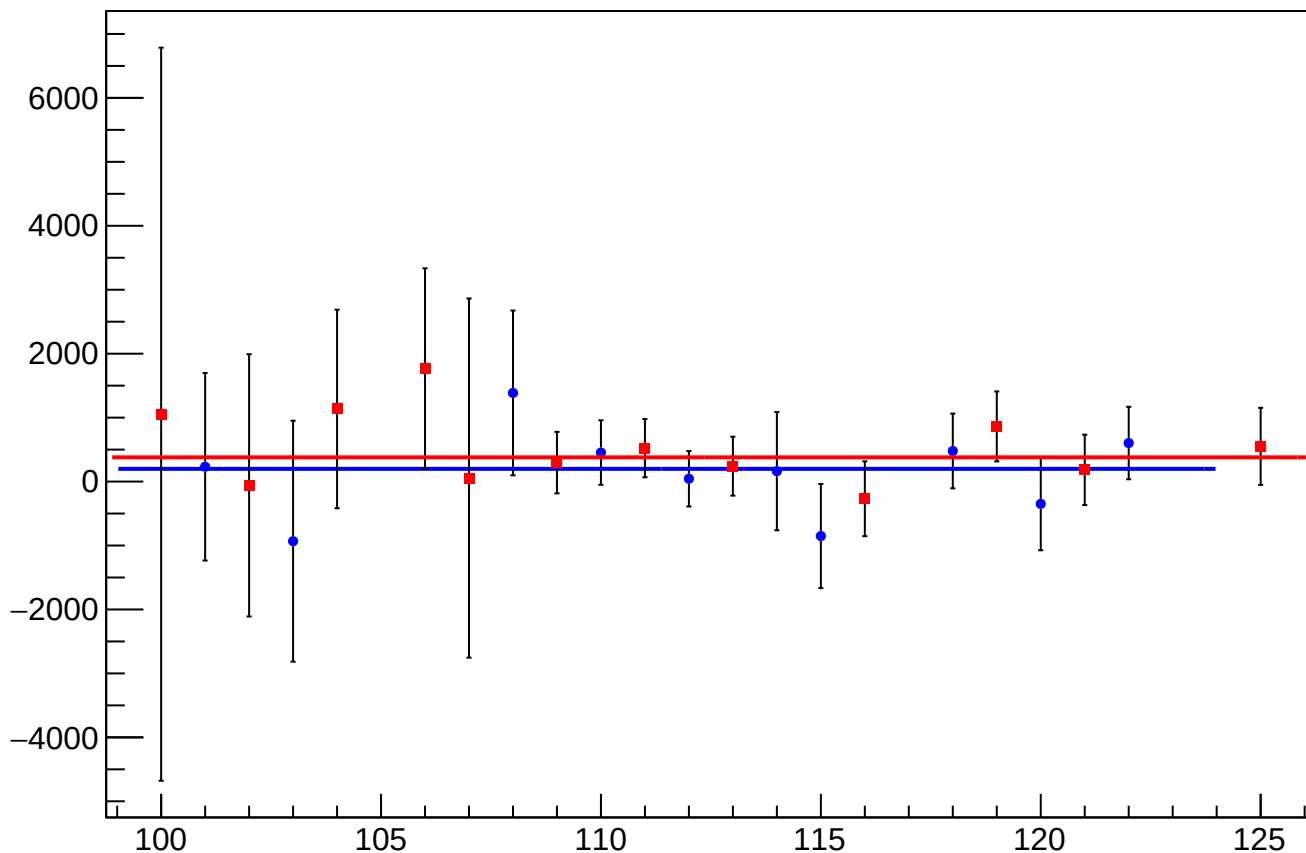
Right: 1138.115+/-0.279 χ^2/NDF : 769358.3/21

In: 1139.150+/-0.415 χ^2/NDF : 584973.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1138.115+/-0.279 χ^2/NDF : 769358.3/21

asym_us_dd_atlr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 198.843+/-217.102 χ^2/NDF : 4.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 378.725+/-191.017 χ^2/NDF : 3.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

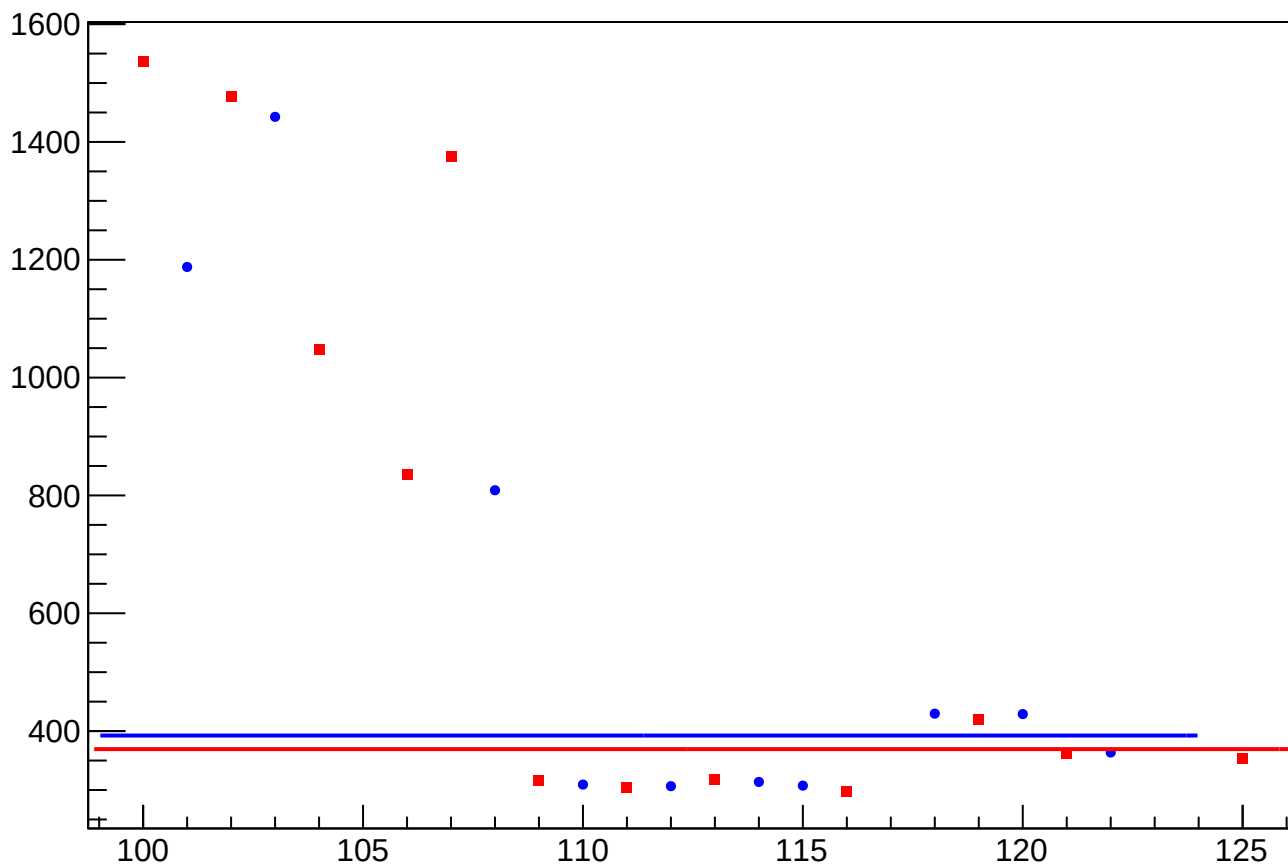
Right: 300.234+/-143.410 χ^2/NDF : 8.5/21

In: 198.843+/-217.102 χ^2/NDF : 4.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 300.234+/-143.410 χ^2/NDF : 8.5/21

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: 369.414+/-0.135 χ^2/NDF : 1623980.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

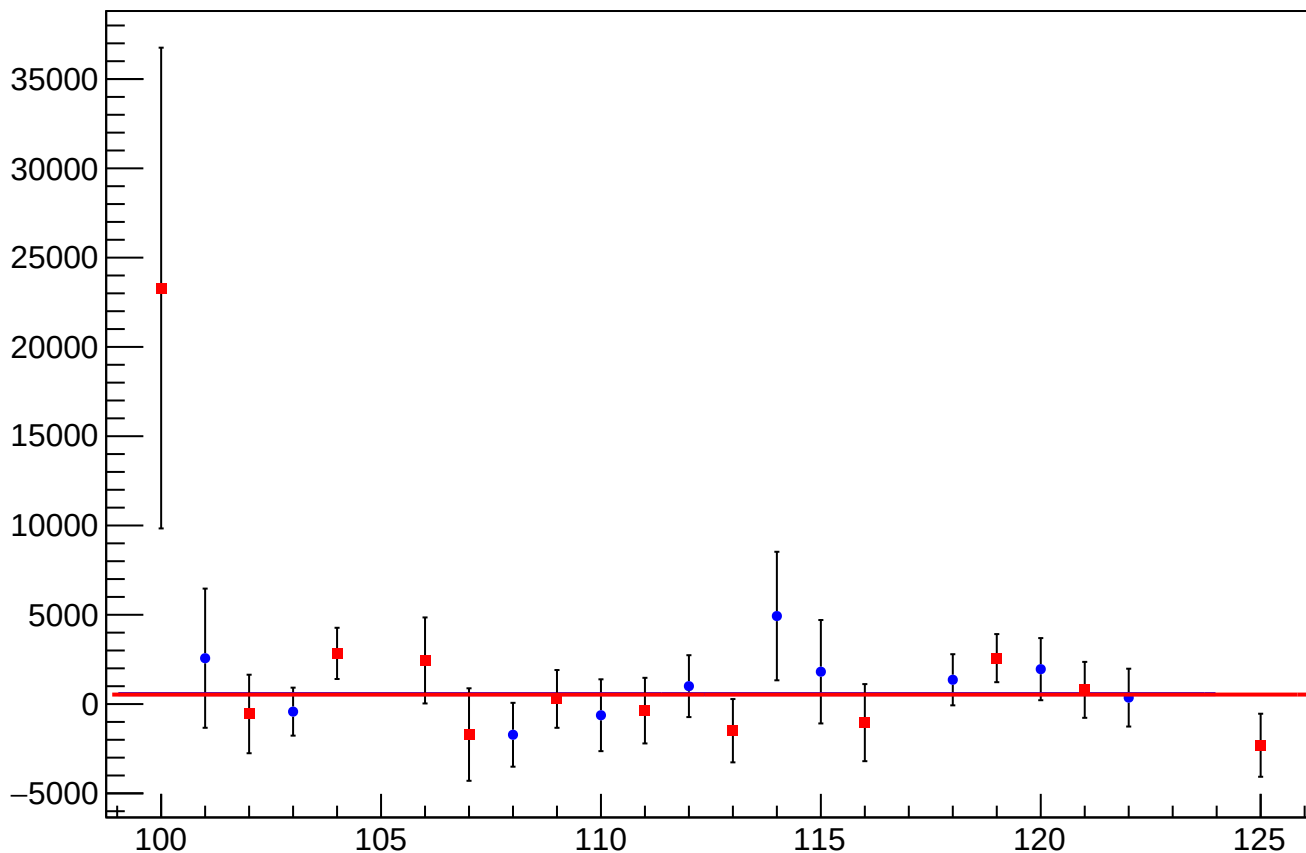
Right: 379.474+/-0.101 χ^2/NDF : 3242799.3/21

In: 392.468+/-0.154 χ^2/NDF : 1606107.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 379.474+/-0.101 χ^2/NDF : 3242799.3/21

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: 531.527+/-533.670 χ^2/NDF : 14.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

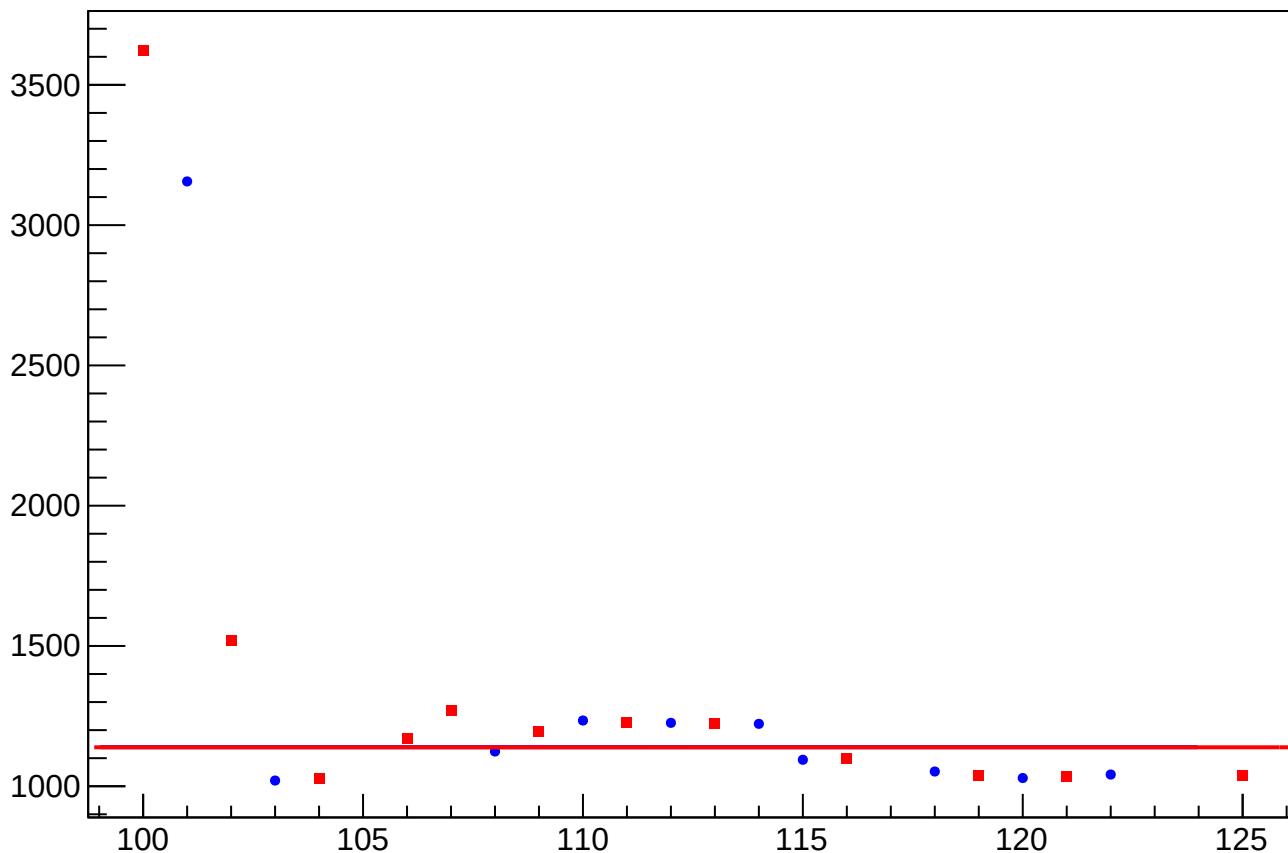
Right: 543.005+/-394.671 χ^2/NDF : 19.5/21

In: 556.860+/-586.337 χ^2/NDF : 5.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 543.005+/-394.671 χ^2/NDF : 19.5/21

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: 1138.787+/-0.377 χ^2/NDF : 184764.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

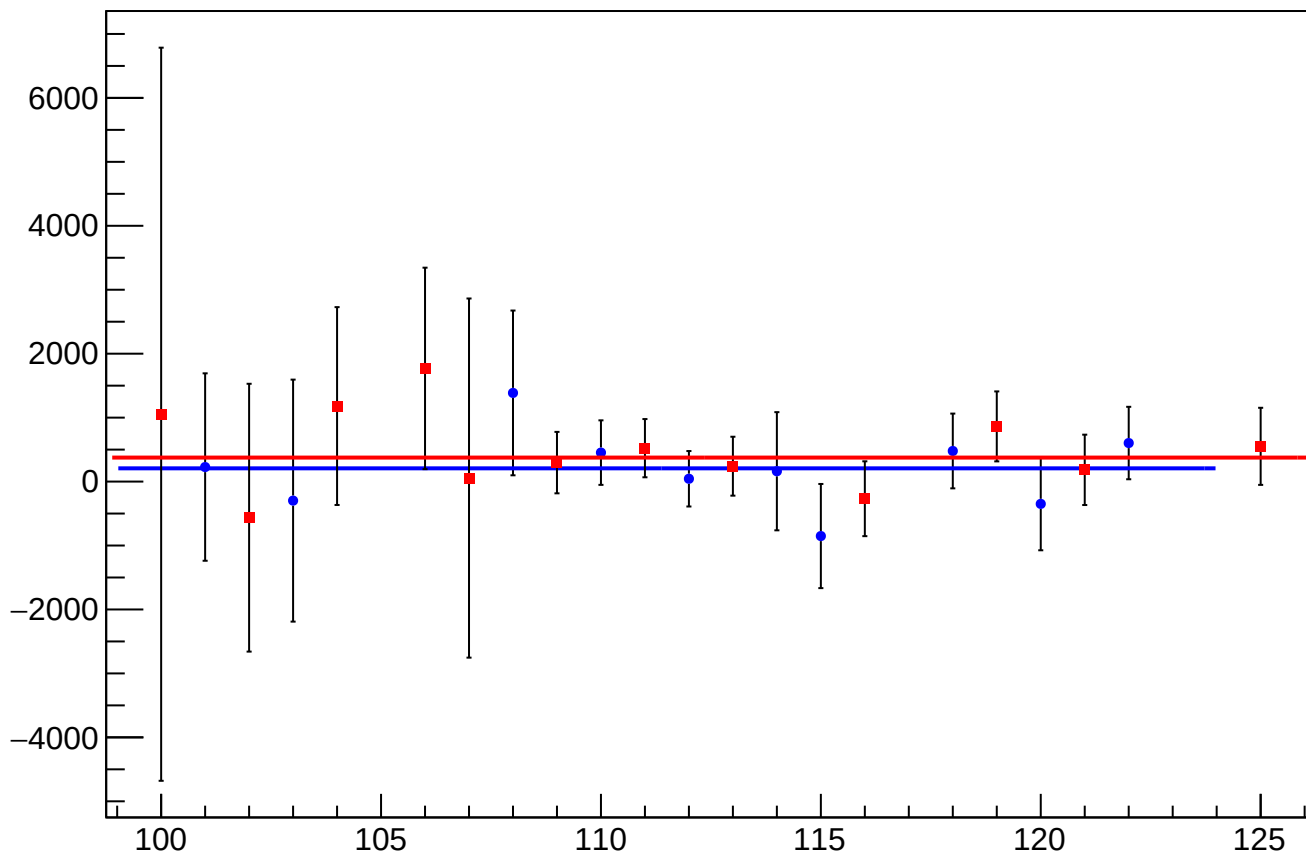
Right: 1138.951+/-0.279 χ^2/NDF : 769738.7/21

In: 1139.150+/-0.415 χ^2/NDF : 584974.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1138.951+/-0.279 χ^2/NDF : 769738.7/21

asym_us_dd_atlr_dd_dd_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: 375.270+/-191.061 χ^2/NDF : 3.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

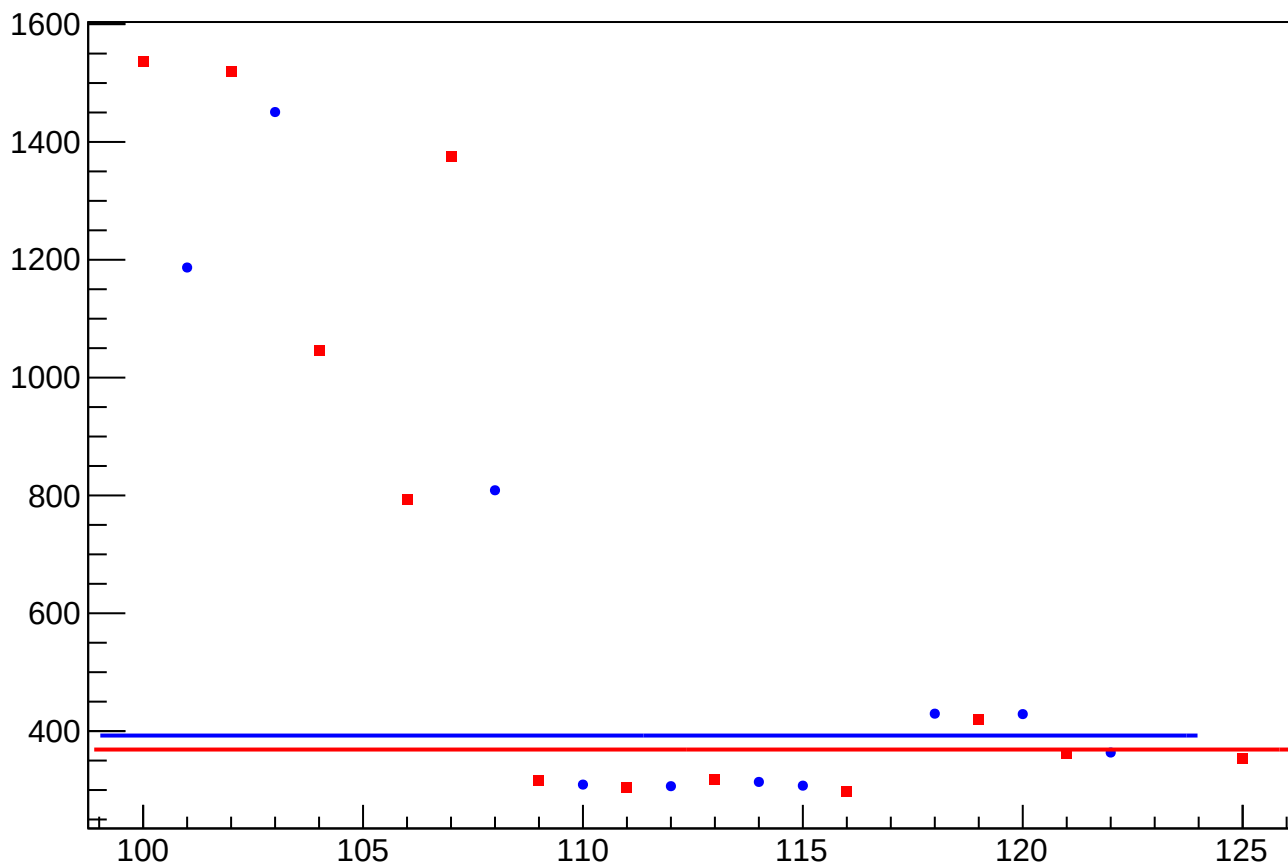
Right: 301.844+/-143.431 χ^2/NDF : 8.3/21

In: 207.032+/-217.110 χ^2/NDF : 4.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 301.844+/-143.431 χ^2/NDF : 8.3/21

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: 368.713+/-0.135 χ^2/NDF : 1610763.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

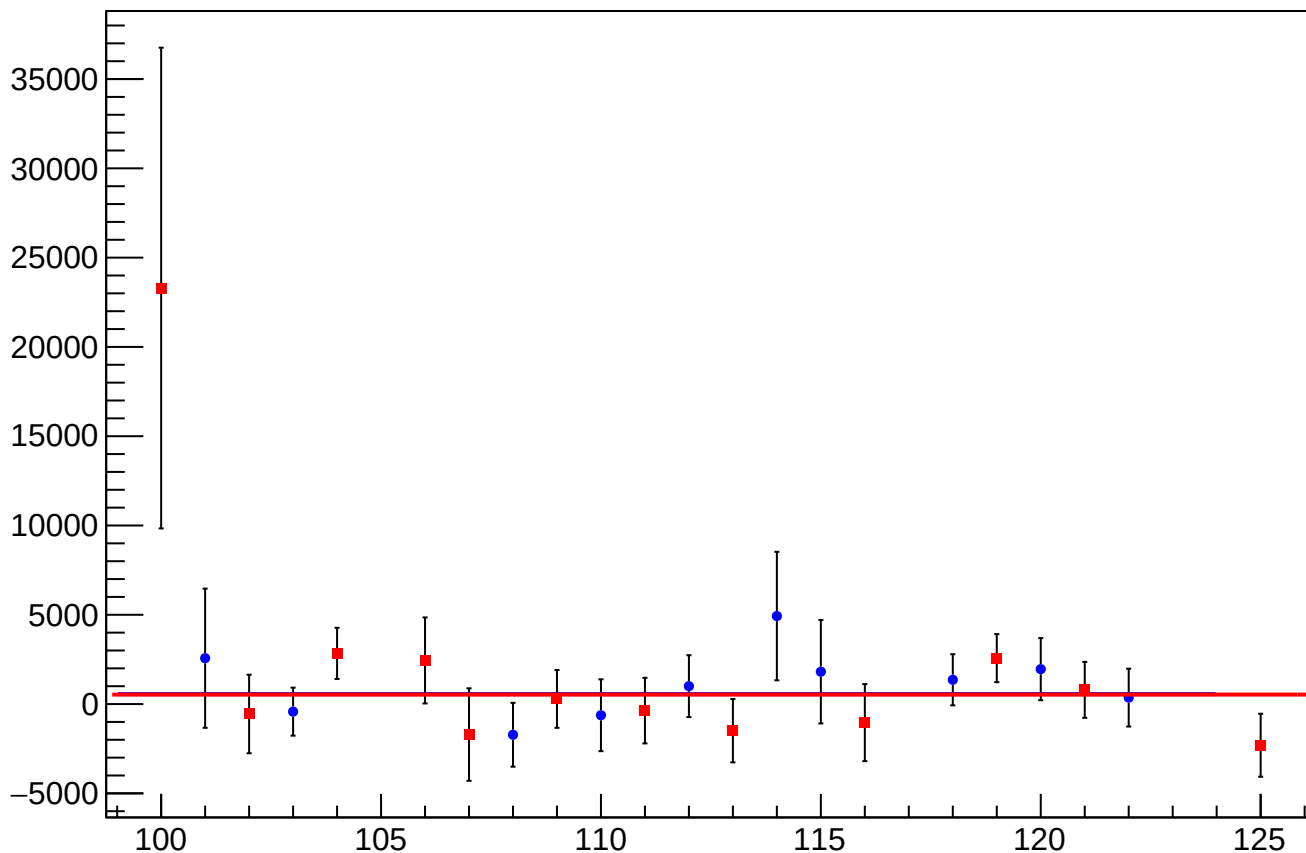
Right: 379.075+/-0.101 χ^2/NDF : 3234019.3/21

In: 392.456+/-0.154 χ^2/NDF :1609776.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 379.075+/-0.101 χ^2/NDF : 3234019.3/21

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: 531.527+/-533.670 χ^2/NDF : 14.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

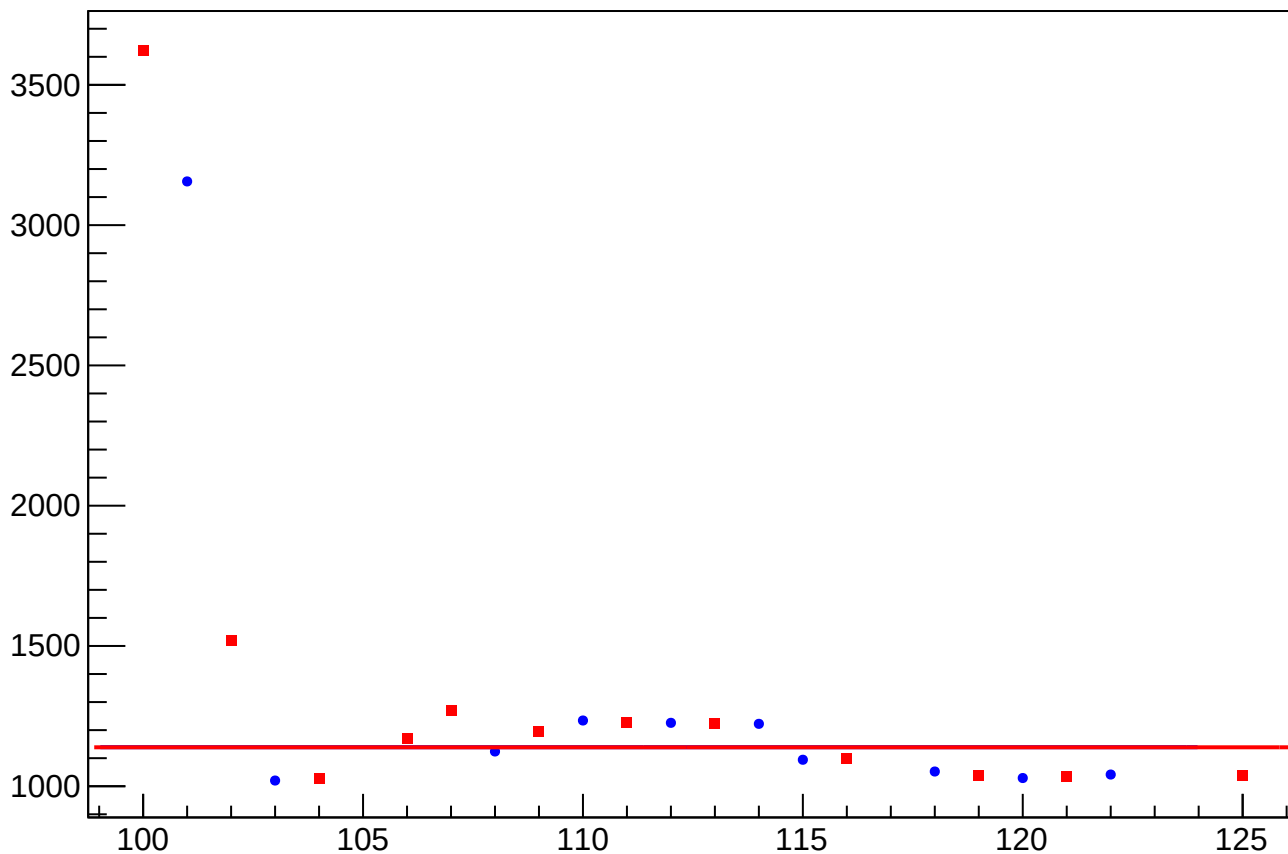
Right: 543.005+/-394.671 χ^2/NDF : 19.5/21

In: 556.860+/-586.337 χ^2/NDF : 5.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 543.005+/-394.671 χ^2/NDF : 19.5/21

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: 1138.787+/-0.377 χ^2/NDF : 184764.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

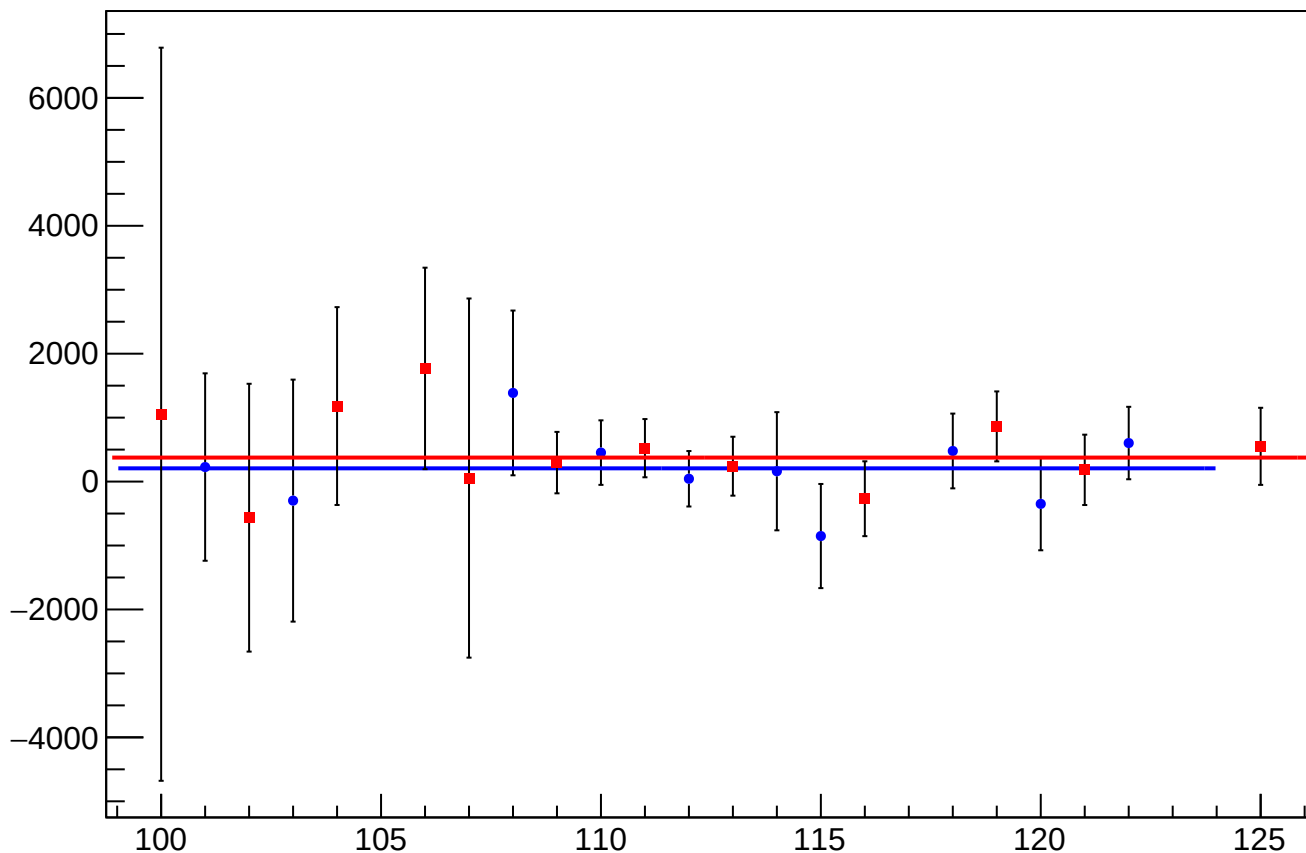
Right: 1138.951+/-0.279 χ^2/NDF : 769738.7/21

In: 1139.150+/-0.415 χ^2/NDF : 584974.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1138.951+/-0.279 χ^2/NDF : 769738.7/21

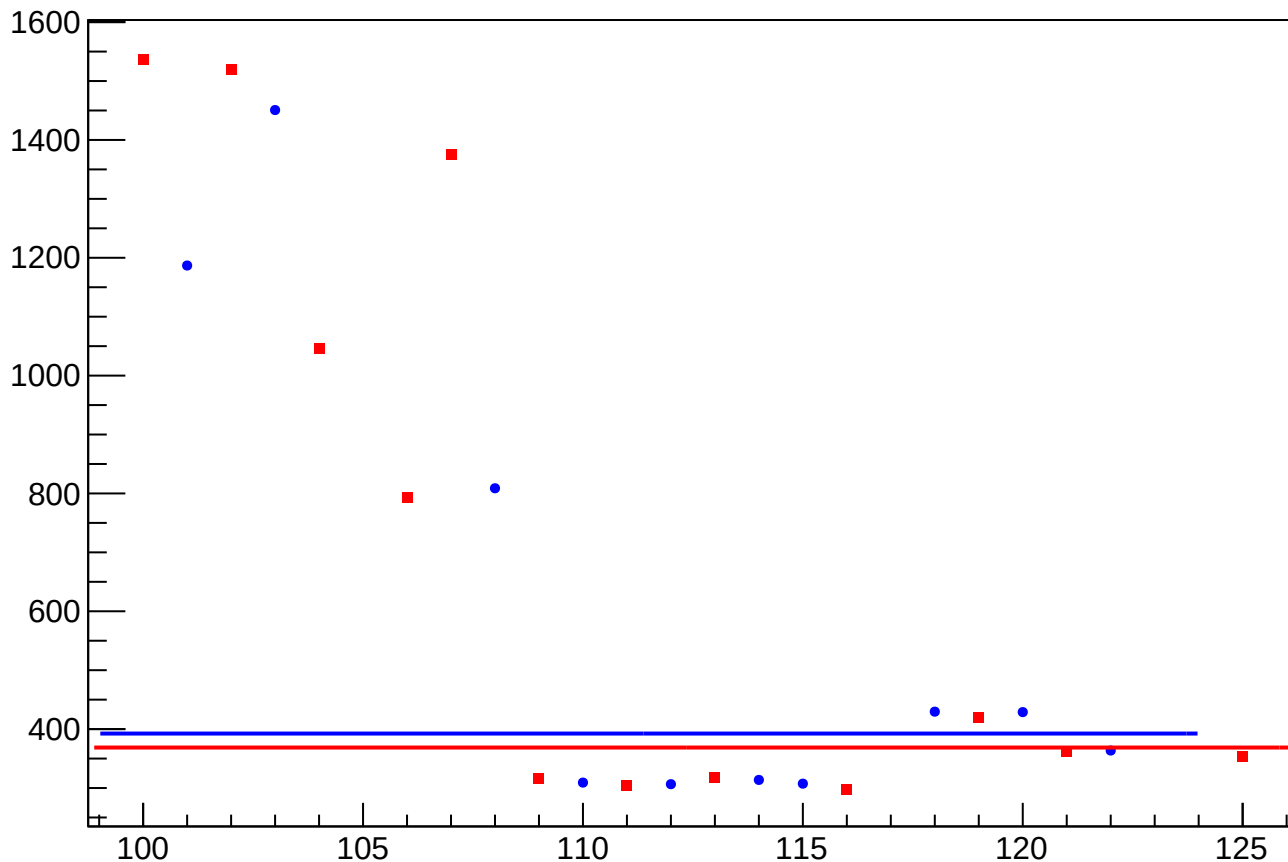
asym_us_dd_atlr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



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: 375.270+/-191.061 χ^2/NDF : 3.7/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 301.844+/-143.431 χ^2/NDF : 8.3/21
 In: 207.032+/-217.110 χ^2/NDF : 4.3/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 301.844+/-143.431 χ^2/NDF : 8.3/21

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: 368.713+/-0.135 χ^2/NDF : 1610763.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

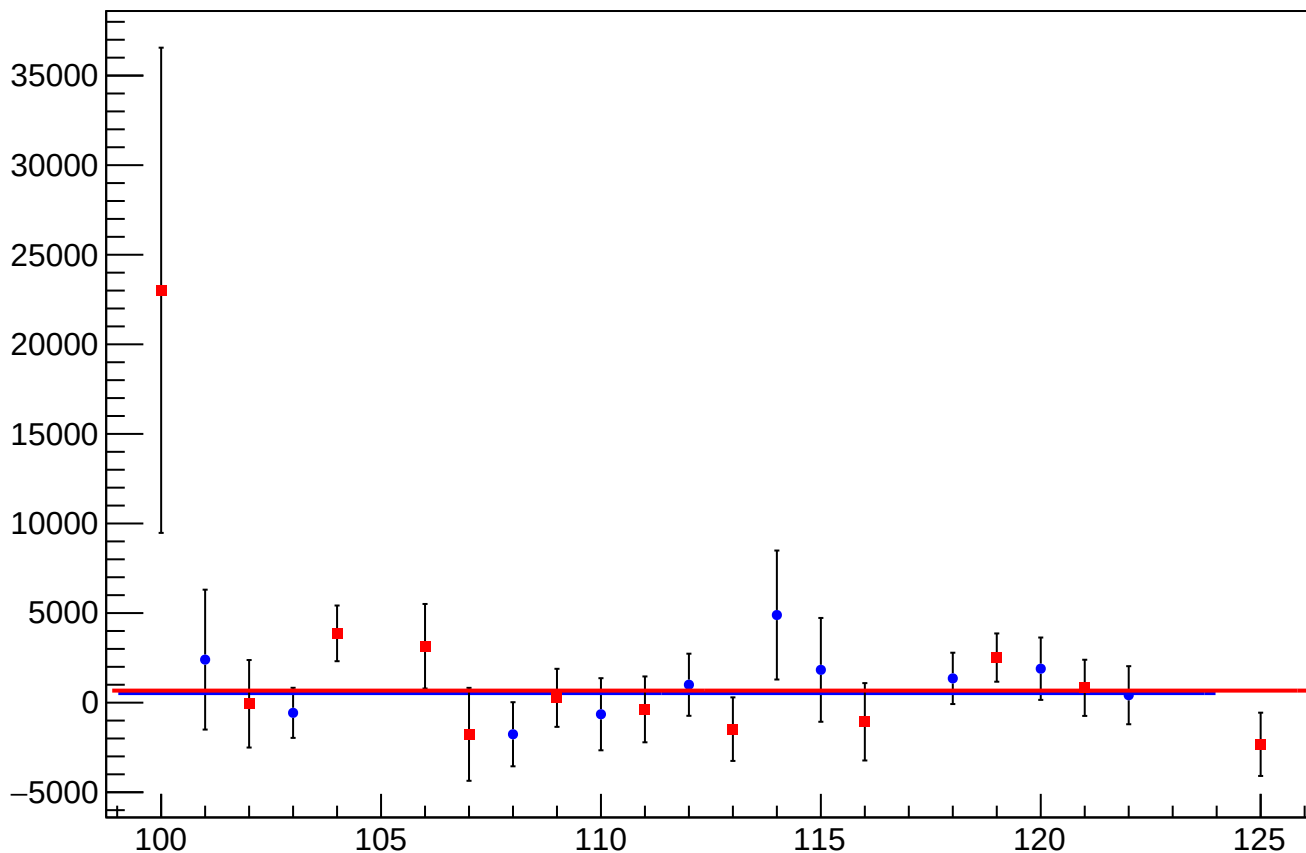
Right: 379.075+/-0.101 χ^2/NDF : 3234019.3/21

In: 392.456+/-0.154 χ^2/NDF : 1609776.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 379.075+/-0.101 χ^2/NDF : 3234019.3/21

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: 672.418+/-542.046 χ^2/NDF : 16.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

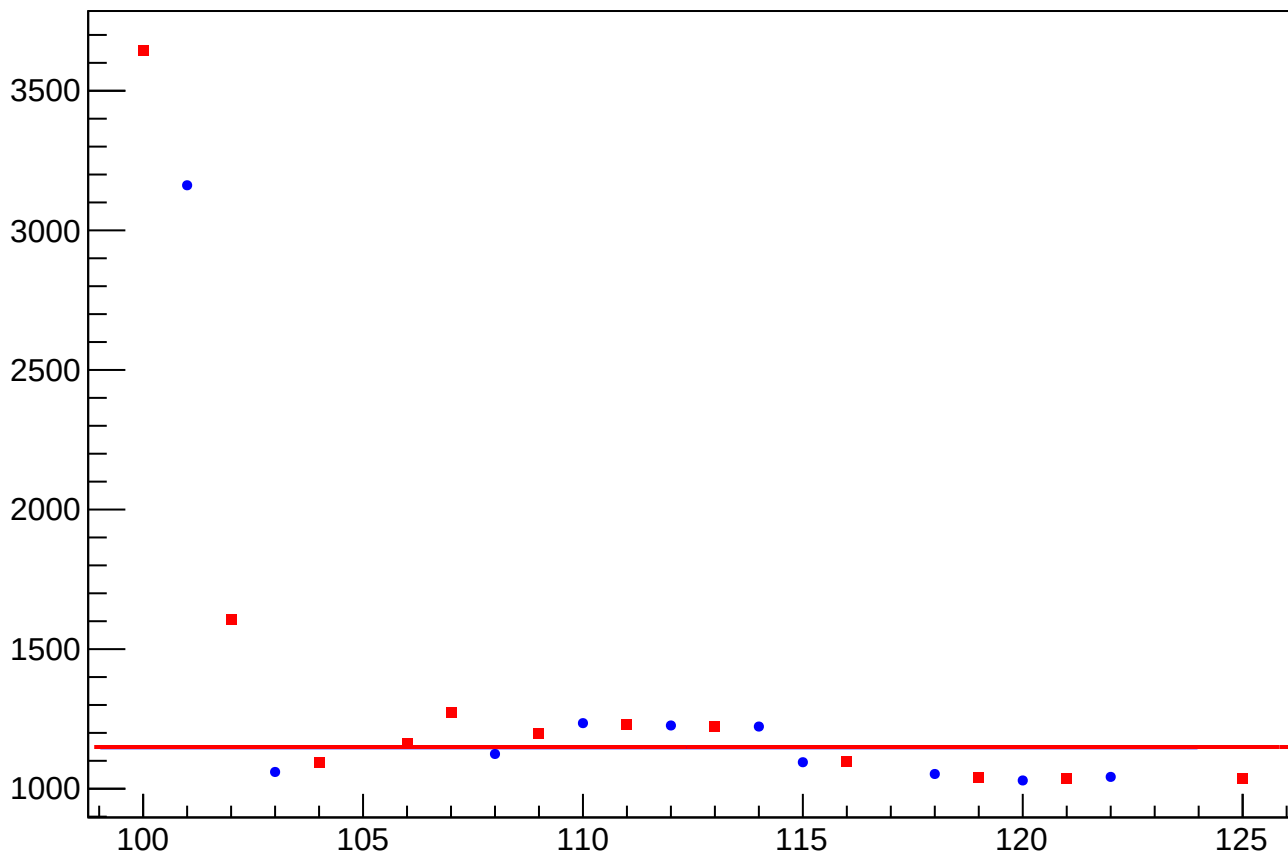
Right: 608.977+/-399.439 χ^2/NDF : 21.9/21

In: 533.586+/-590.894 χ^2/NDF : 5.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 608.977+/-399.439 χ^2/NDF : 21.9/21

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: 1149.444+/-0.383 χ^2/NDF : 186933.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

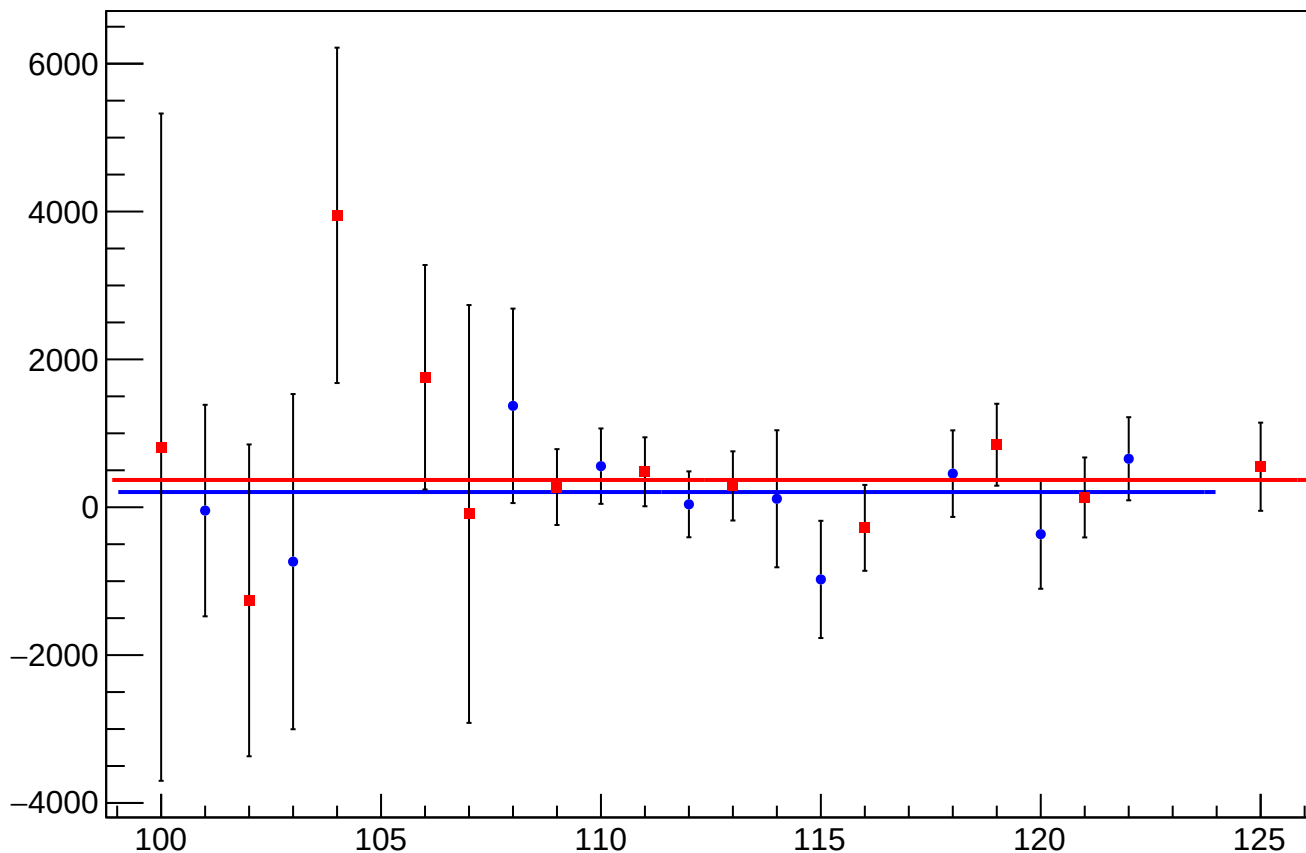
Right: 1148.970+/-0.282 χ^2/NDF : 763119.1/21

In: 1148.407+/-0.418 χ^2/NDF : 576182.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1148.970+/-0.282 χ^2/NDF : 763119.1/21

asym_us_dd_atlr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 205.663+/-219.208 χ^2/NDF : 5.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 369.138+/-194.464 χ^2/NDF : 6.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

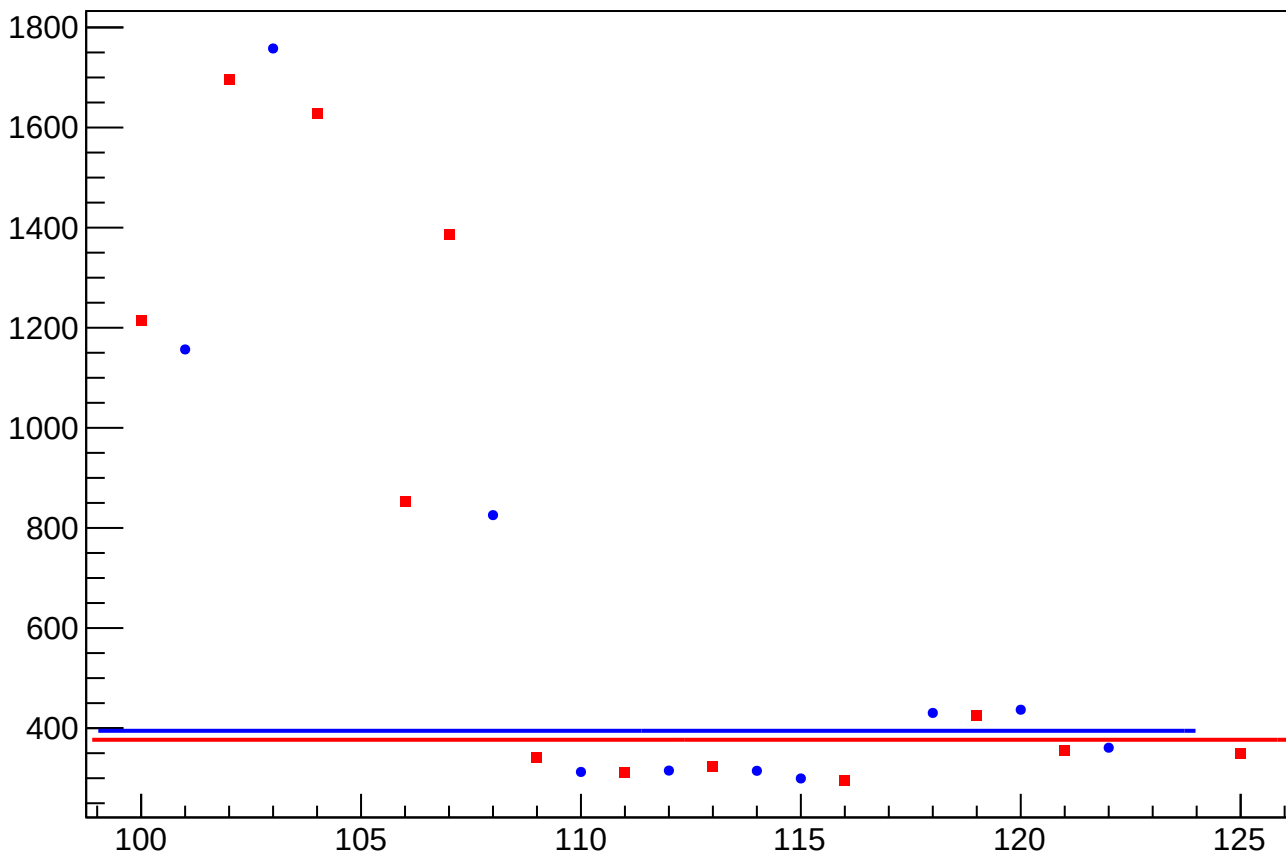
Right: 297.144+/-145.472 χ^2/NDF : 11.9/21

In: 205.663+/-219.208 χ^2/NDF :5.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 297.144+/-145.472 χ^2/NDF : 11.9/21

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: 376.796+/-0.138 χ^2/NDF : 2047133.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

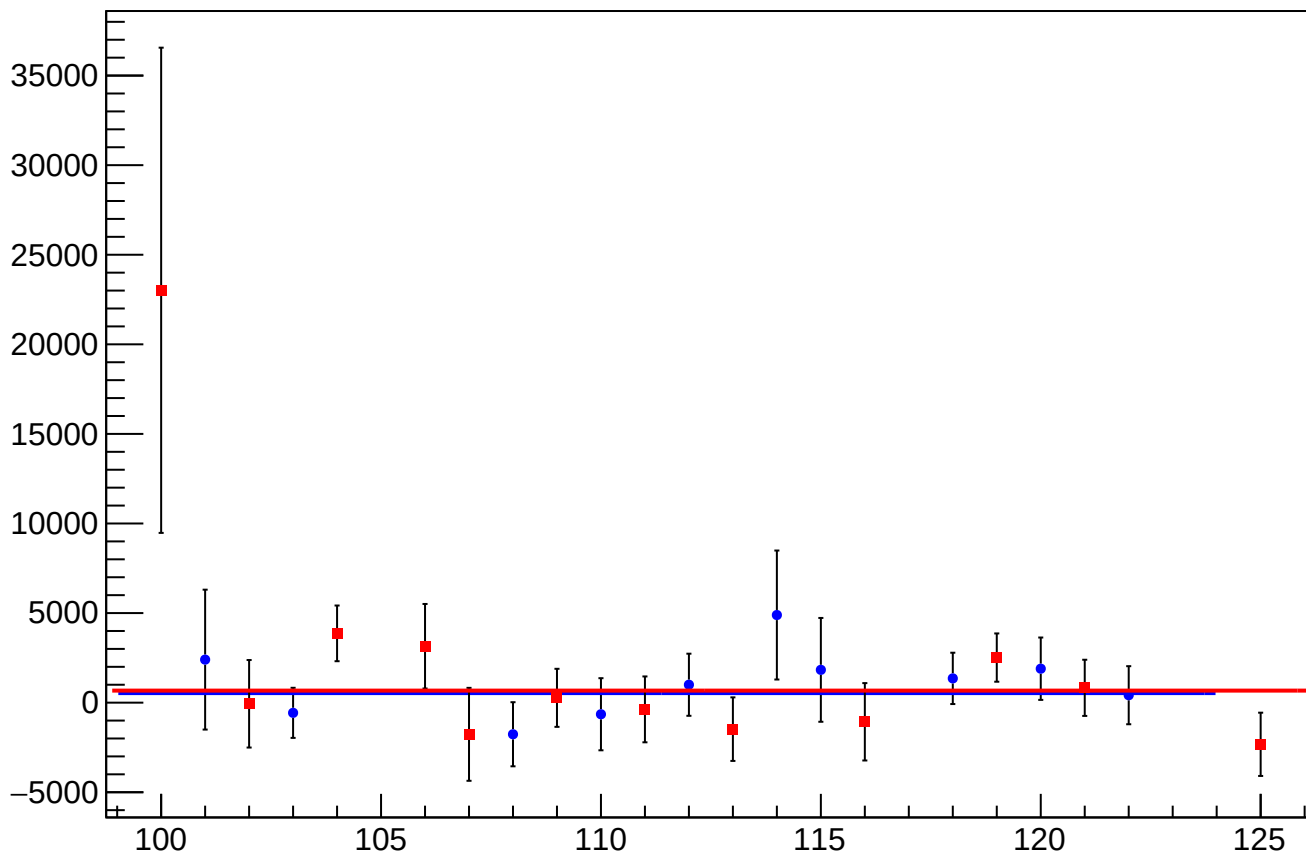
Right: 384.697+/-0.103 χ^2/NDF : 3740156.1/21

In: 394.737+/-0.155 χ^2/NDF : 1685525.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 384.697+/-0.103 χ^2/NDF : 3740156.1/21

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: 672.415+/-542.046 χ^2/NDF : 16.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

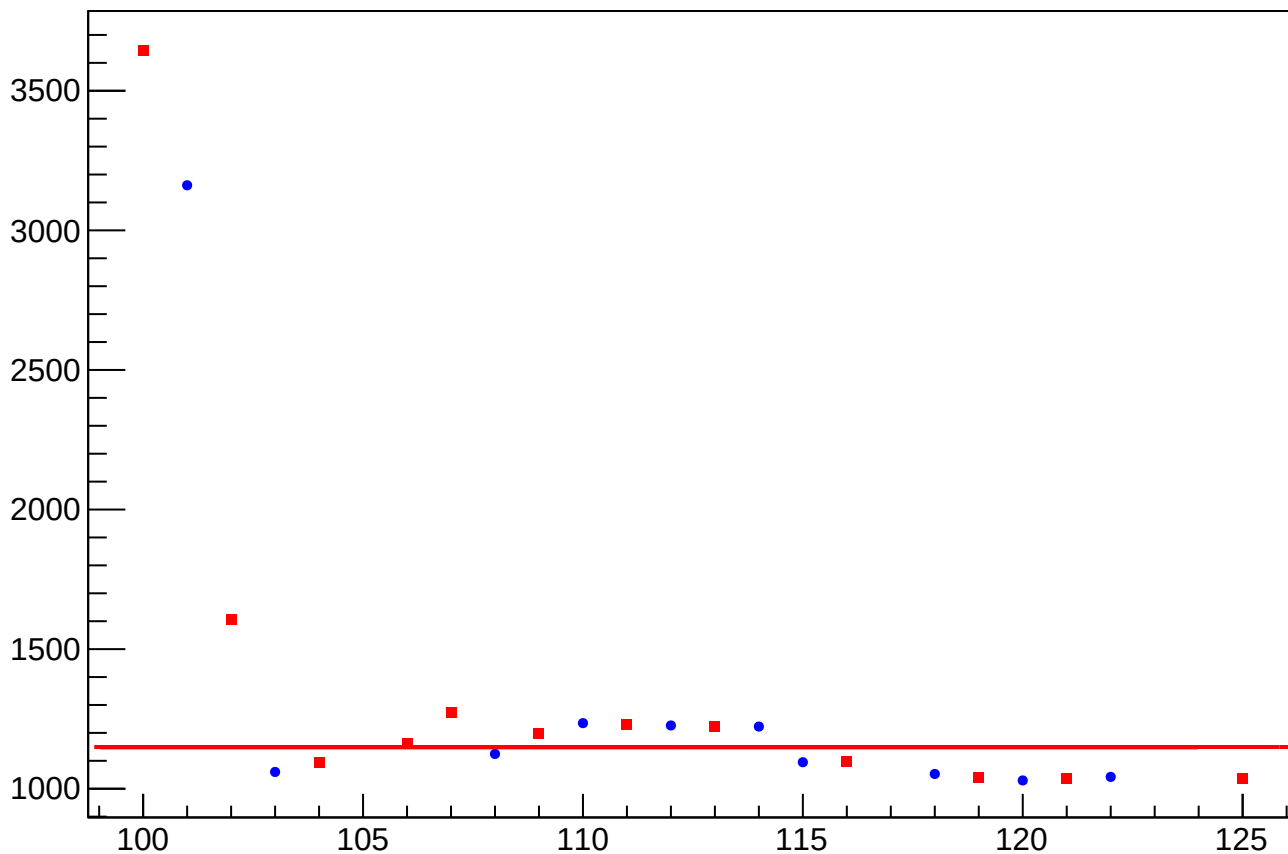
Right: 608.975+/-399.439 χ^2/NDF : 21.9/21

In: 533.585+/-590.894 χ^2/NDF : 5.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 608.975+/-399.439 χ^2/NDF : 21.9/21

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: 1149.444+/-0.383 χ^2/NDF : 186933.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

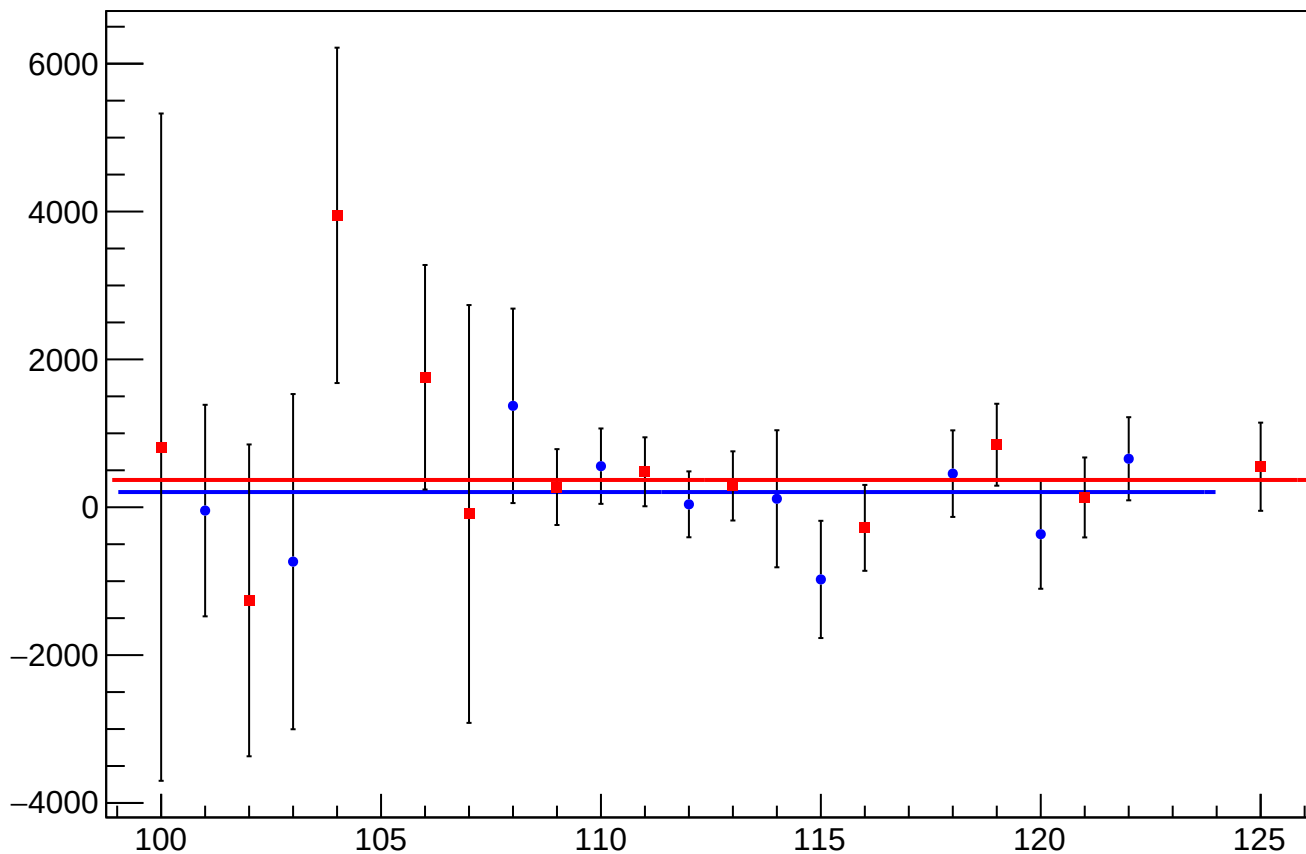
Right: 1148.970+/-0.282 χ^2/NDF : 763119.2/21

In: 1148.407+/-0.418 χ^2/NDF : 576182.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1148.970+/-0.282 χ^2/NDF : 763119.2/21

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: 369.135+/-194.462 χ^2/NDF : 6.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

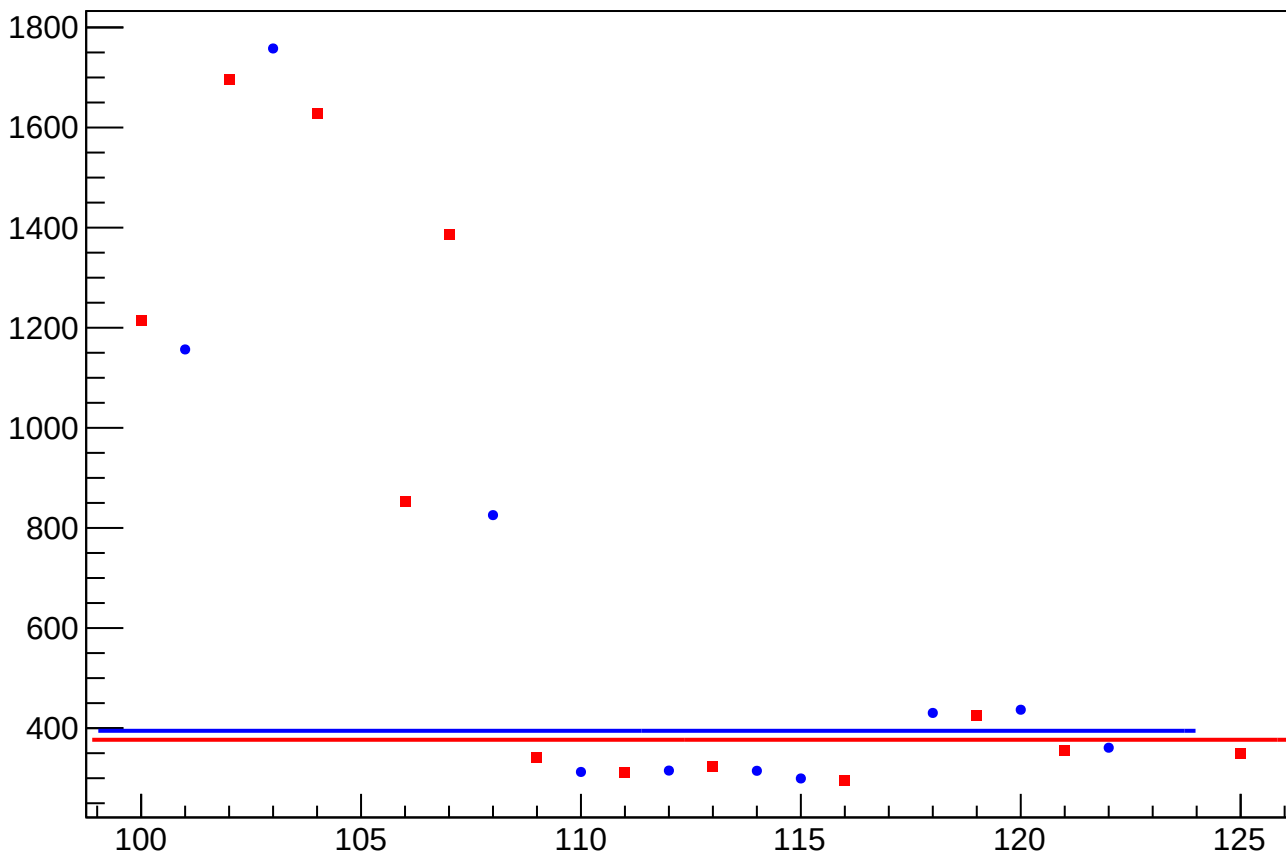
Right: 297.140+/-145.471 χ^2/NDF : 11.9/21

In: 205.657+/-219.207 χ^2/NDF : 5.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 297.140+/-145.471 χ^2/NDF : 11.9/21

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: 376.794+/-0.138 χ^2/NDF : 2047144.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

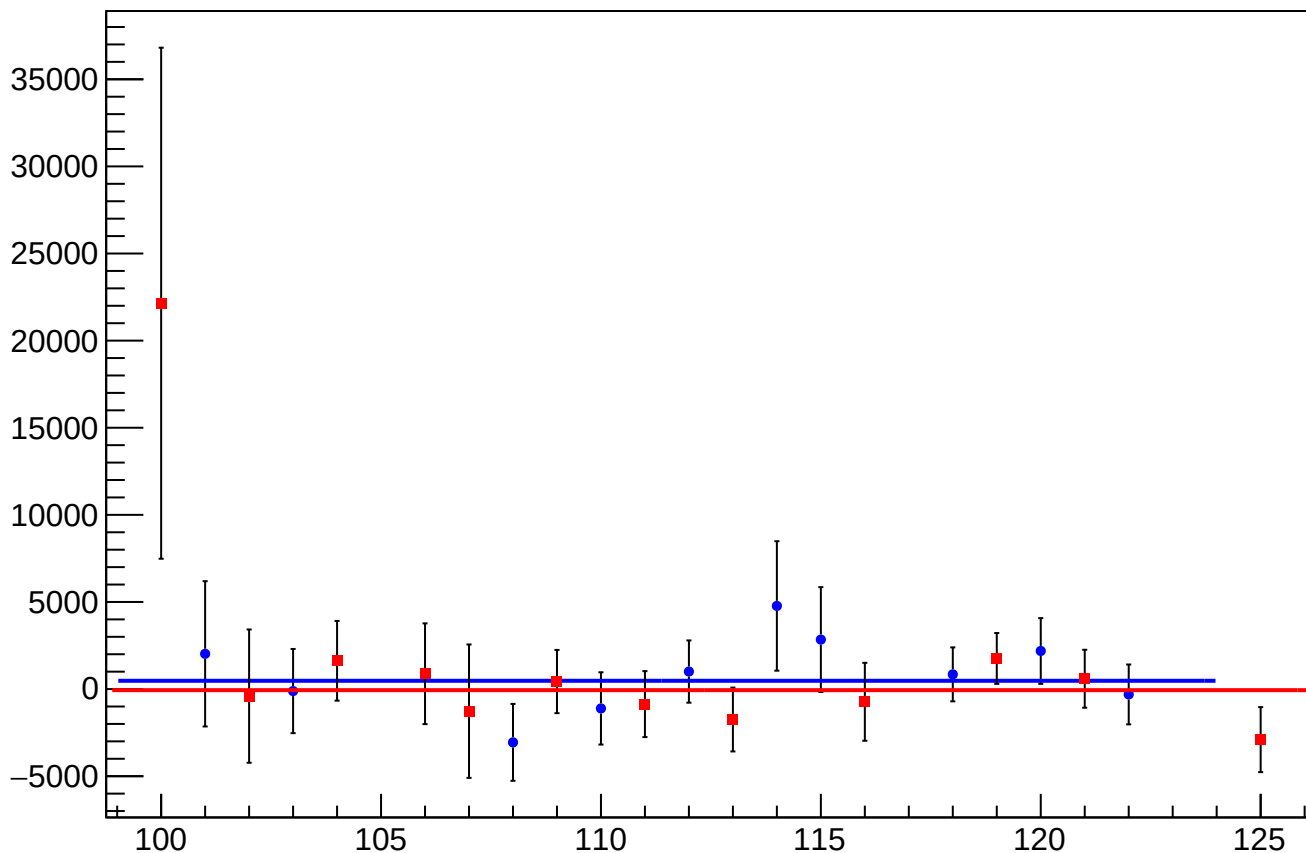
Right: 384.695+/-0.103 χ^2/NDF : 3740169.7/21

In: 394.736+/-0.155 χ^2/NDF : 1685526.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 384.695+/-0.103 χ^2/NDF : 3740169.7/21

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: -61.558+/-614.145 χ^2/NDF : 8.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

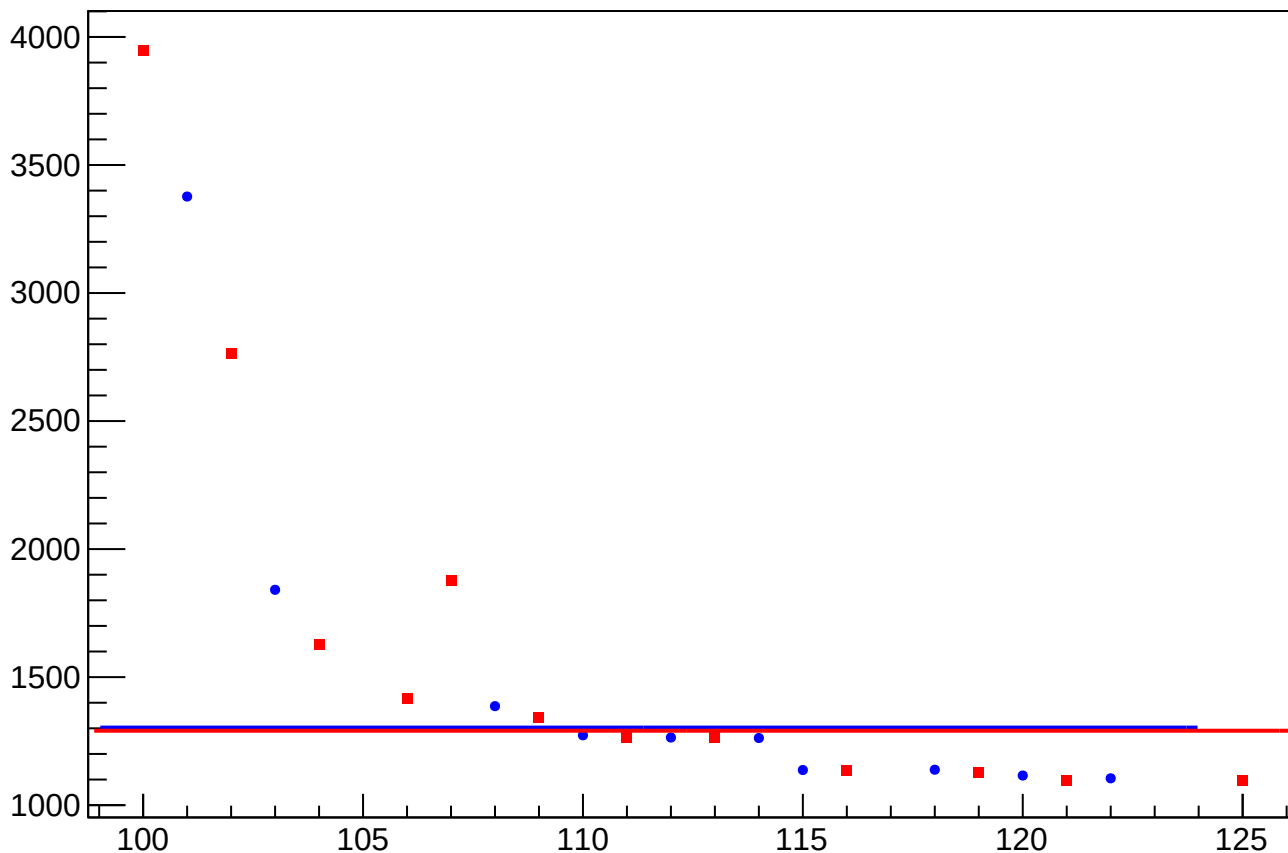
Right: 182.482+/-454.009 χ^2/NDF : 15.1/21

In: 476.565+/-674.178 χ^2/NDF : 6.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.482+/-454.009 χ^2/NDF : 15.1/21

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: 1290.681+/-0.434 χ^2/NDF : 542581.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

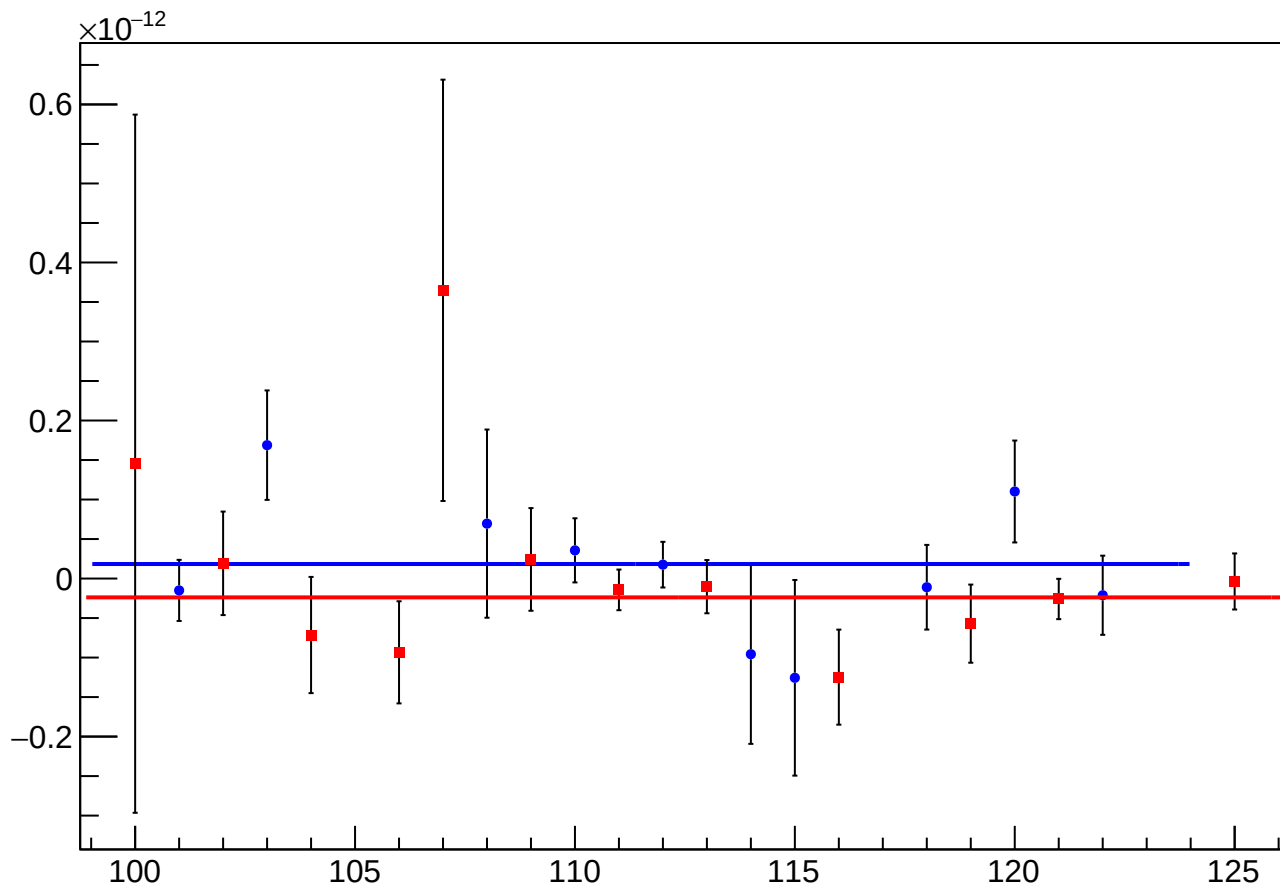
Right: 1296.220+/-0.321 χ^2/NDF : 1216595.0/21

In: 1302.894+/-0.477 χ^2/NDF : 673655.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1296.220+/-0.321 χ^2/NDF : 1216595.0/21

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 : 8.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

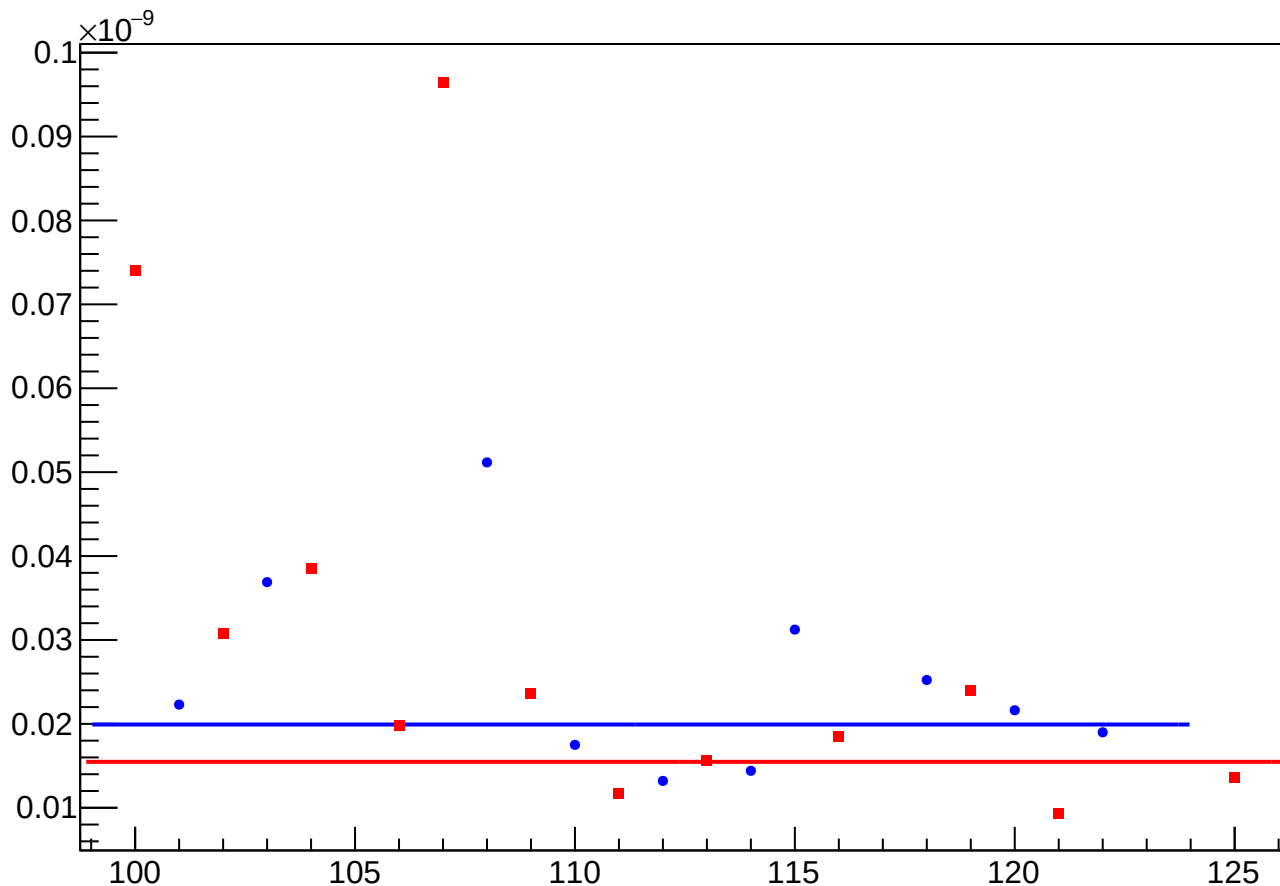
Right: -0.000+/-0.000 χ^2/NDF : 24.2/21

In: 0.000+/-0.000 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.2/21

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 : 797124.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

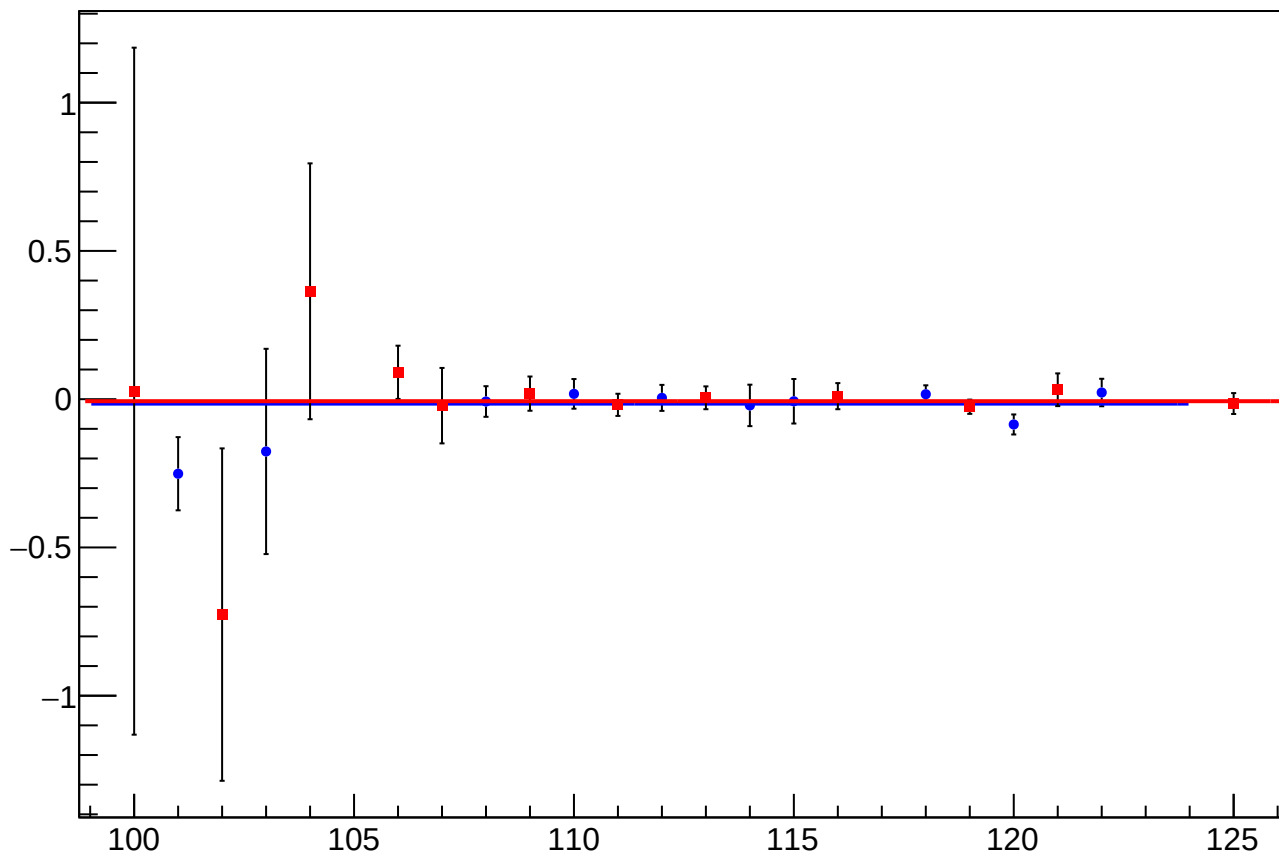
Right: 0.000+/-0.000 χ^2/NDF : 1316144.8/21

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 : 1316144.8/21

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: -0.007+/-0.014 χ^2/NDF : 5.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

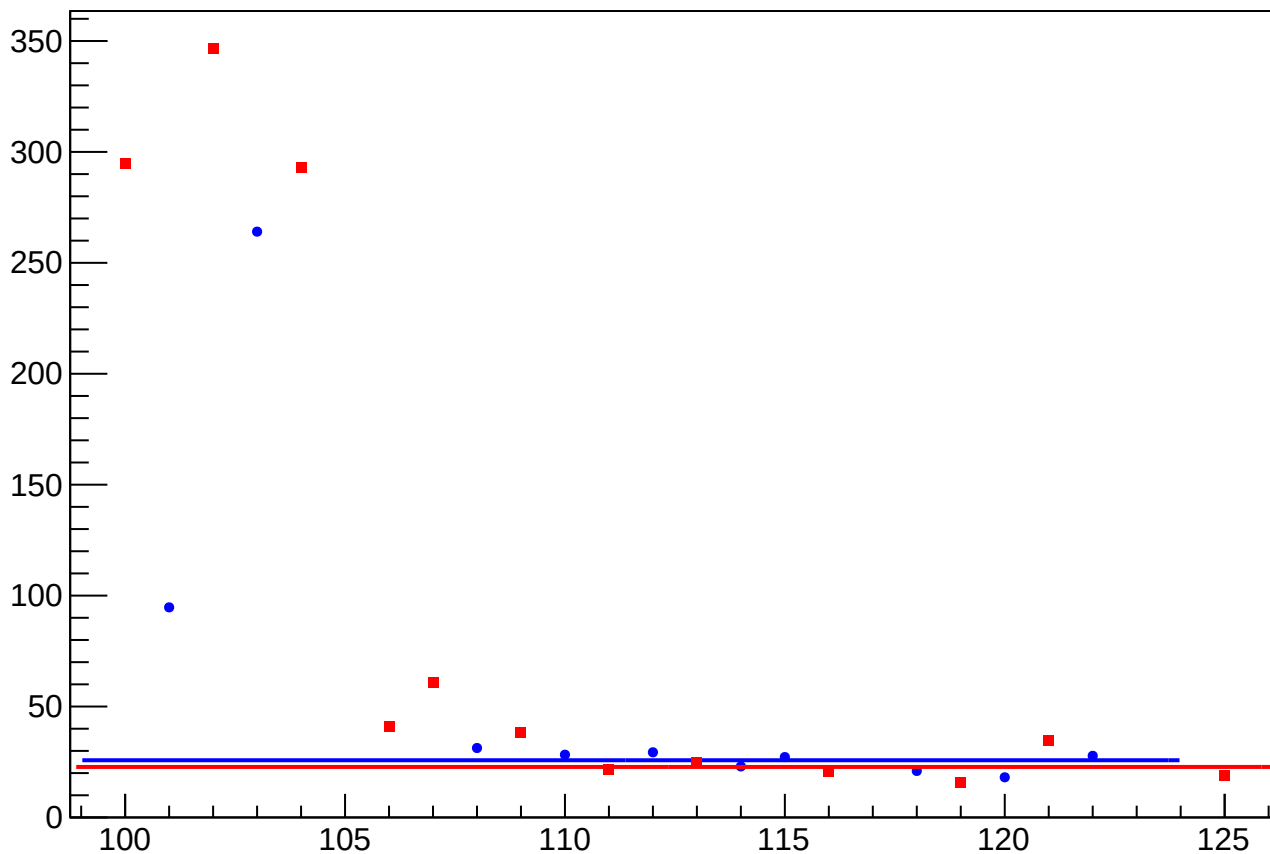
Right: -0.010+/-0.010 χ^2/NDF : 16.1/21

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+/-0.010 χ^2/NDF : 16.1/21

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.785 $\pm$ 0.011 χ^2 /NDF: 1775232.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 22.769 $\pm$ 0.010 χ^2 /NDF: 2283432.2/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

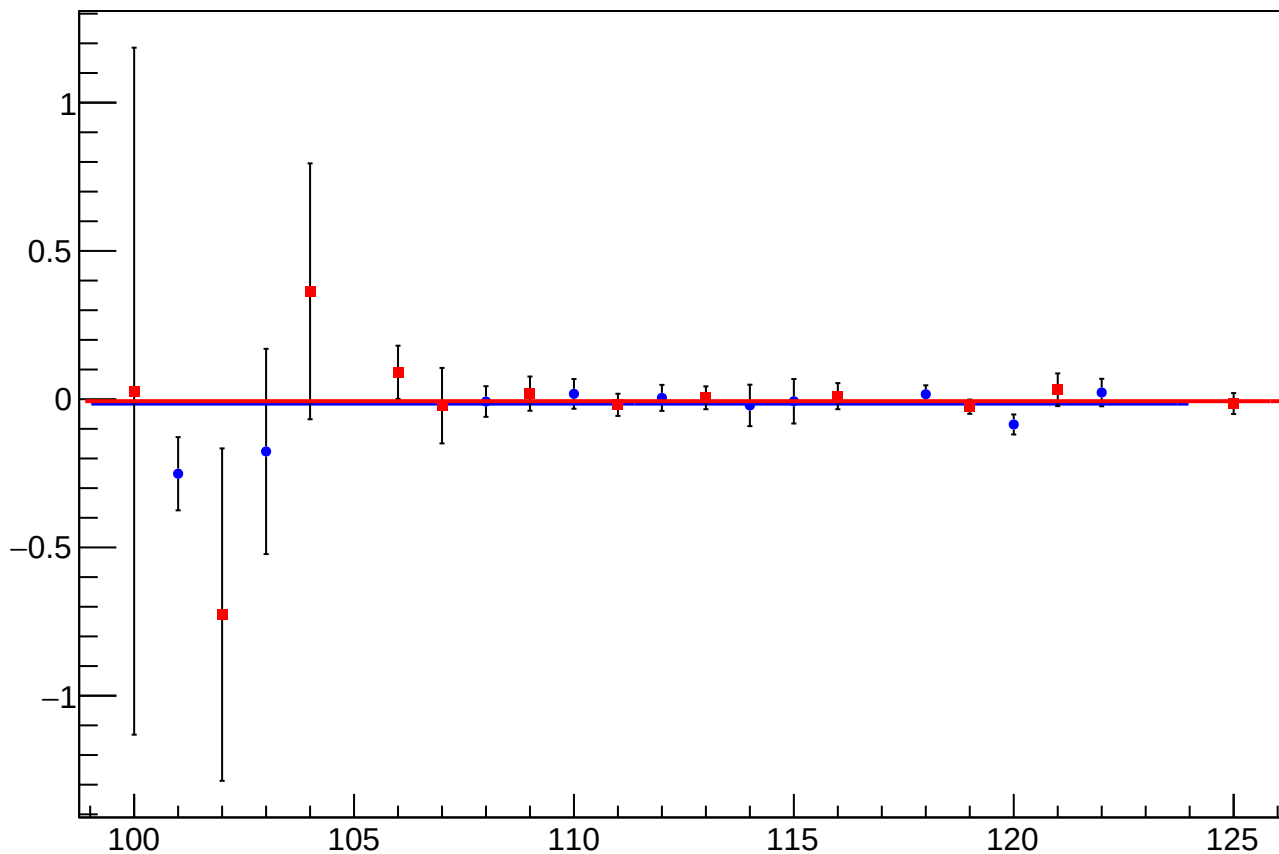
Right: 24.106 $\pm$ 0.007 χ^2 /NDF: 4101193.9/21

In: 25.785 $\pm$ 0.011 χ^2 /NDF:1775232.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 24.106 $\pm$ 0.007 χ^2 /NDF: 4101193.9/21

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: -0.007+/-0.014 χ^2 /NDF: 5.3/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

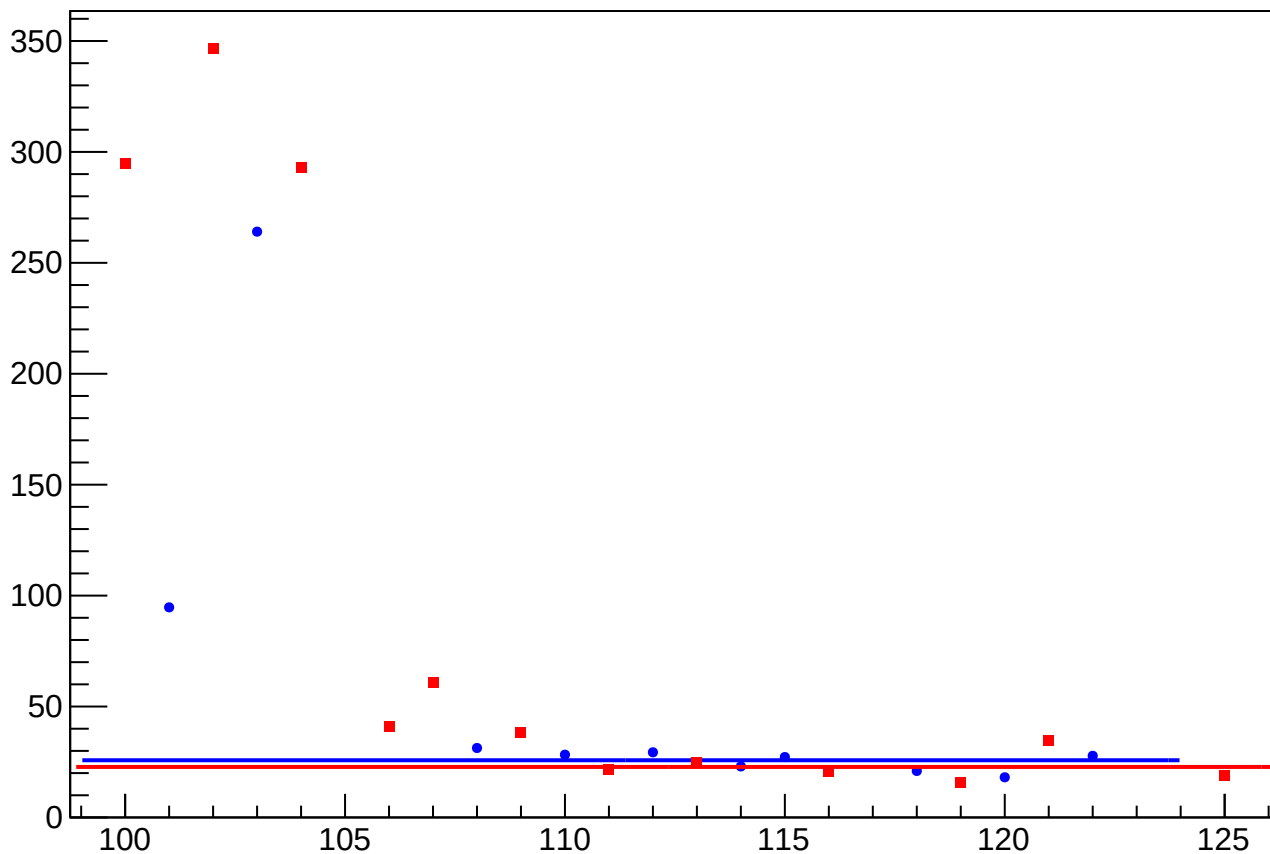
Right: -0.010+/-0.010 χ^2 /NDF: 16.1/21

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+/-0.010 χ^2 /NDF: 16.1/21

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.785 $\pm$ 0.011 χ^2 /NDF: 1775232.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 22.769 $\pm$ 0.010 χ^2 /NDF: 2283432.2/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

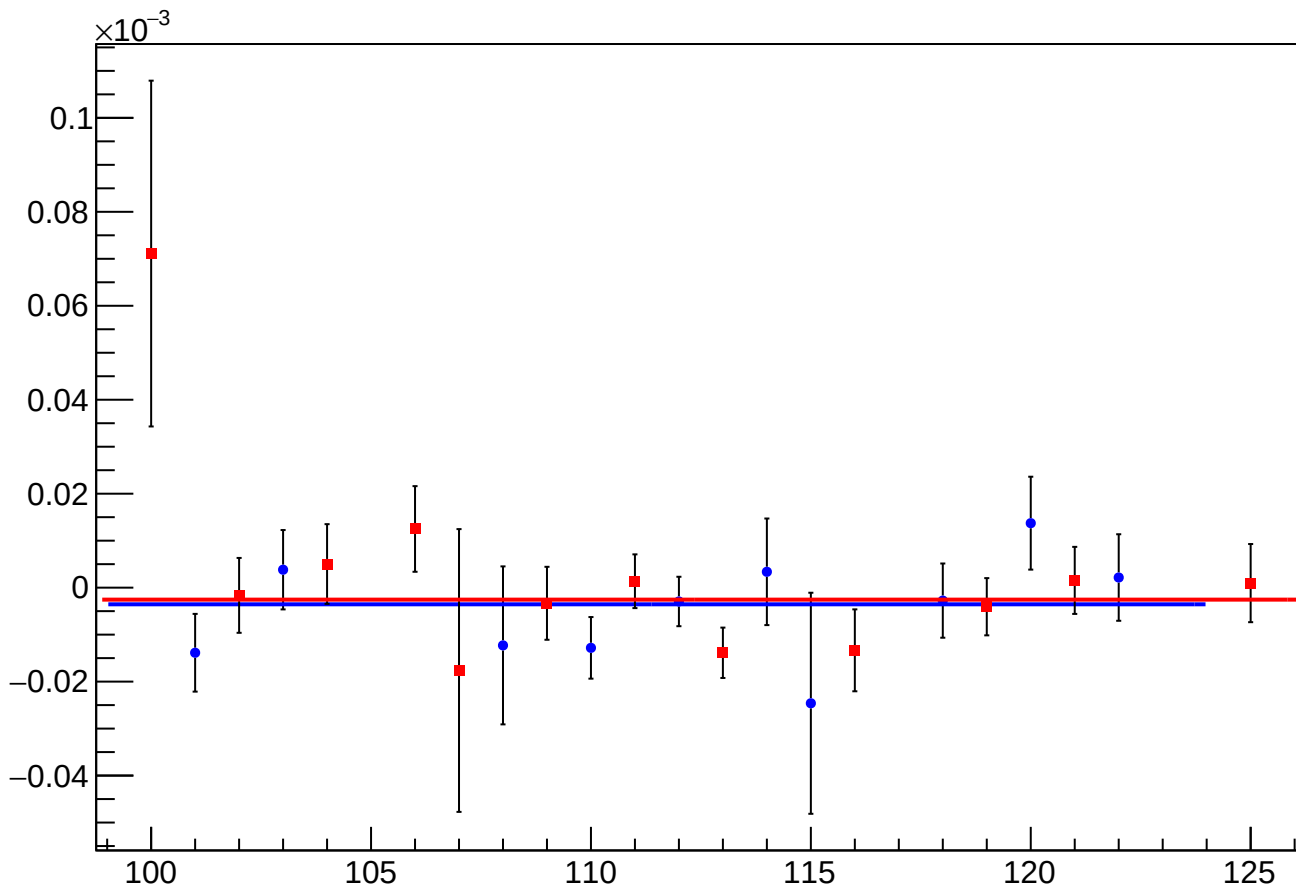
Right: 24.106 $\pm$ 0.007 χ^2 /NDF: 4101193.9/21

In: 25.785 $\pm$ 0.011 χ^2 /NDF:1775232.4/9

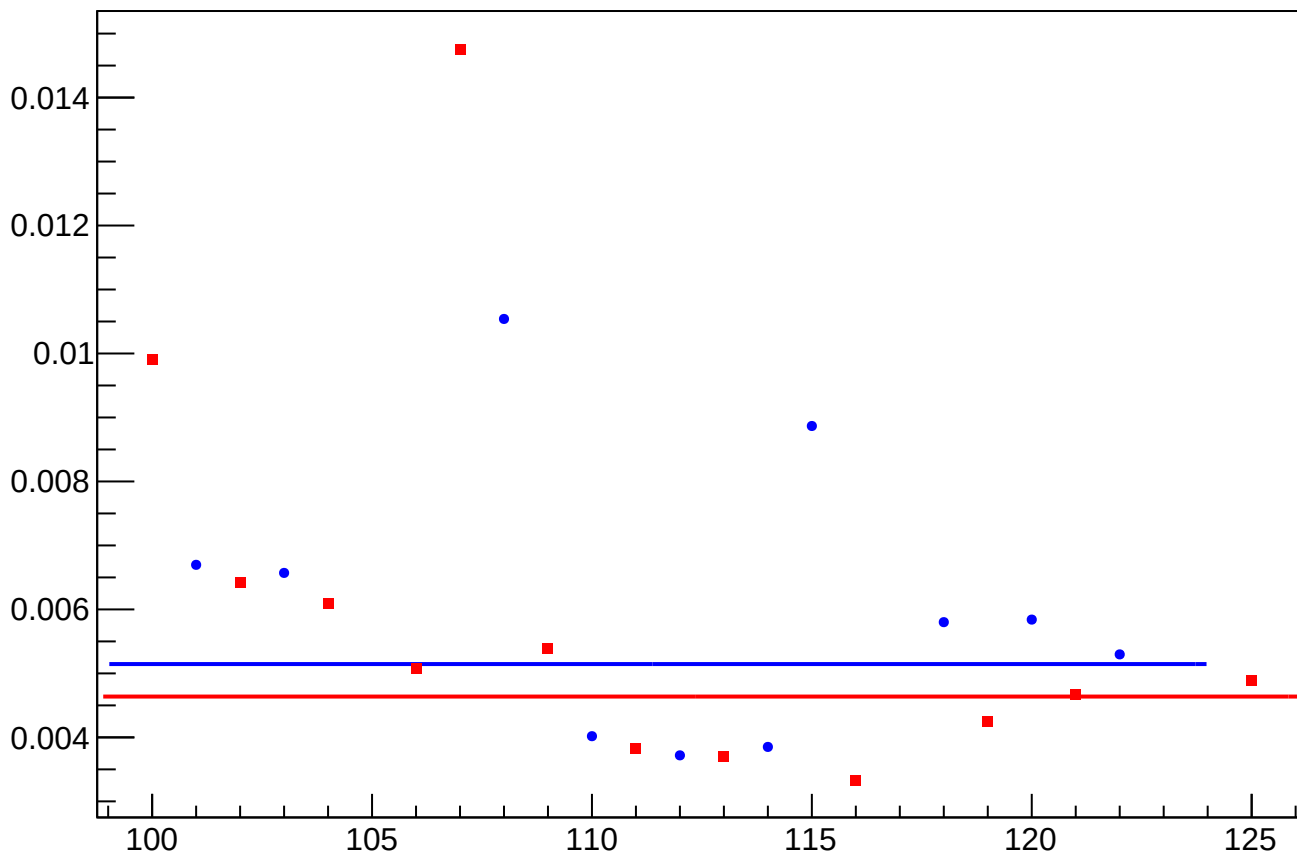
Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 24.106 $\pm$ 0.007 χ^2 /NDF: 4101193.9/21

asym_us_dd_atlr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 607127.3/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

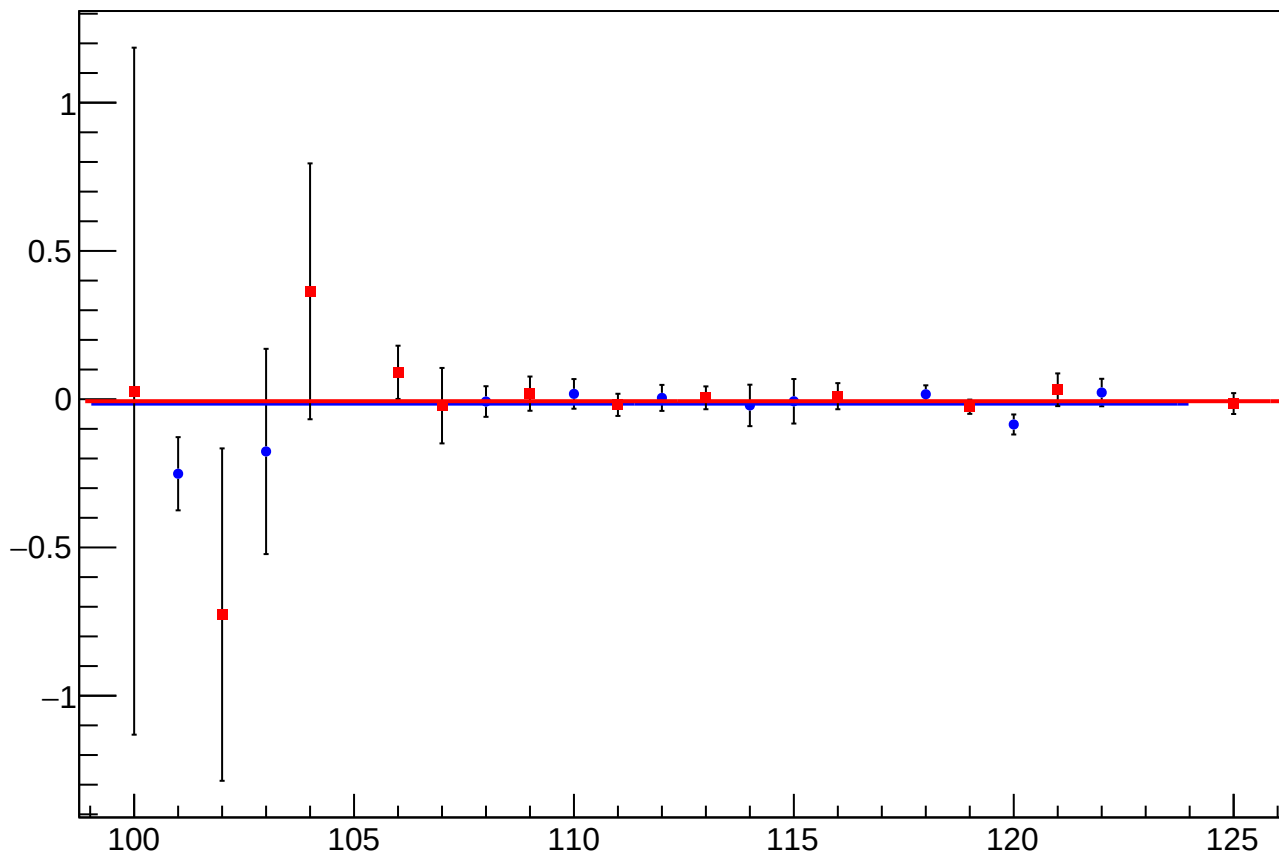
Right: 0.005+/-0.000 χ^2/NDF : 1288894.8/21

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 : 1288894.8/21

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: -0.007 ± 0.014 χ^2/NDF : 5.3/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

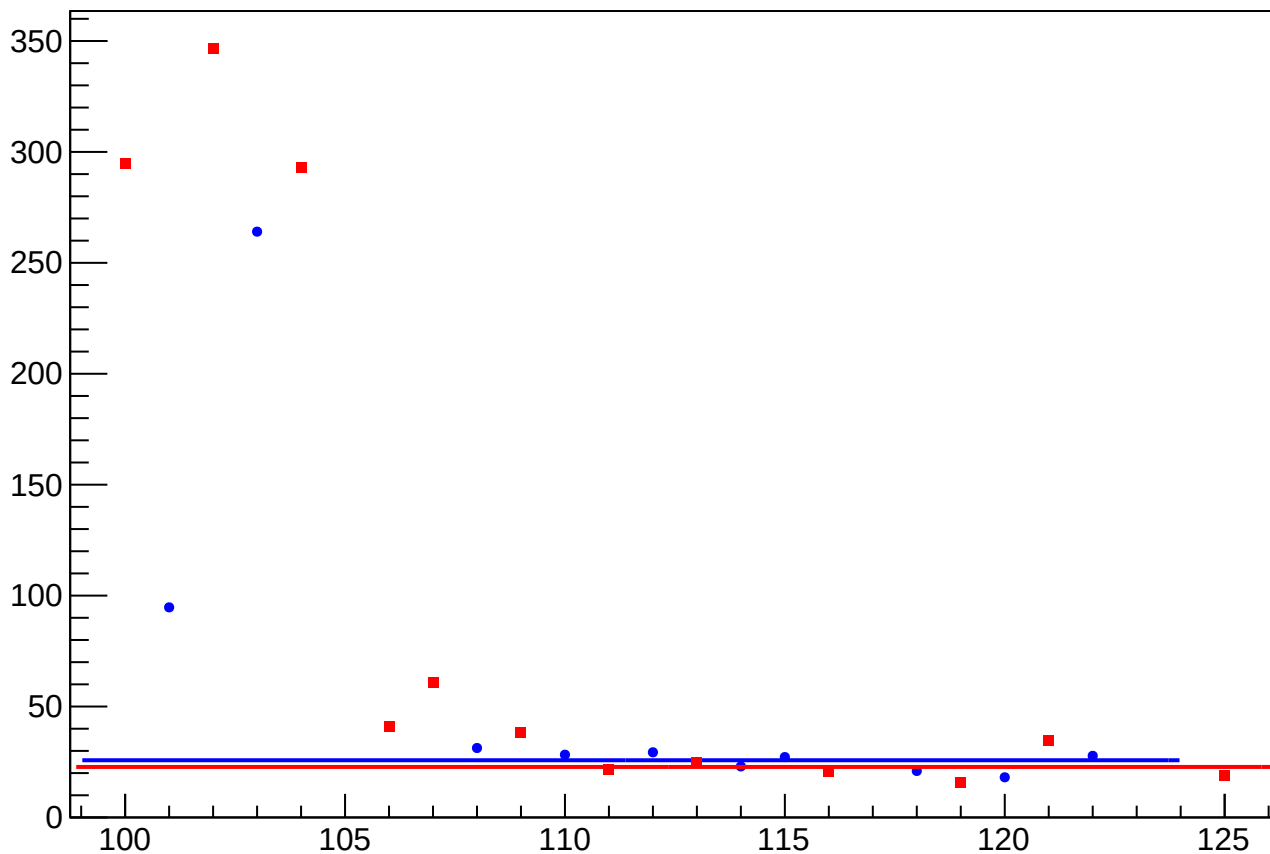
Right: -0.010 ± 0.010 χ^2/NDF : 16.1/21

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 ± 0.010 χ^2/NDF : 16.1/21

asym_us_dd_atlr_dd_dd_eigen_dit_vs_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: 22.767+/-0.010 χ^2/NDF : 2283642.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

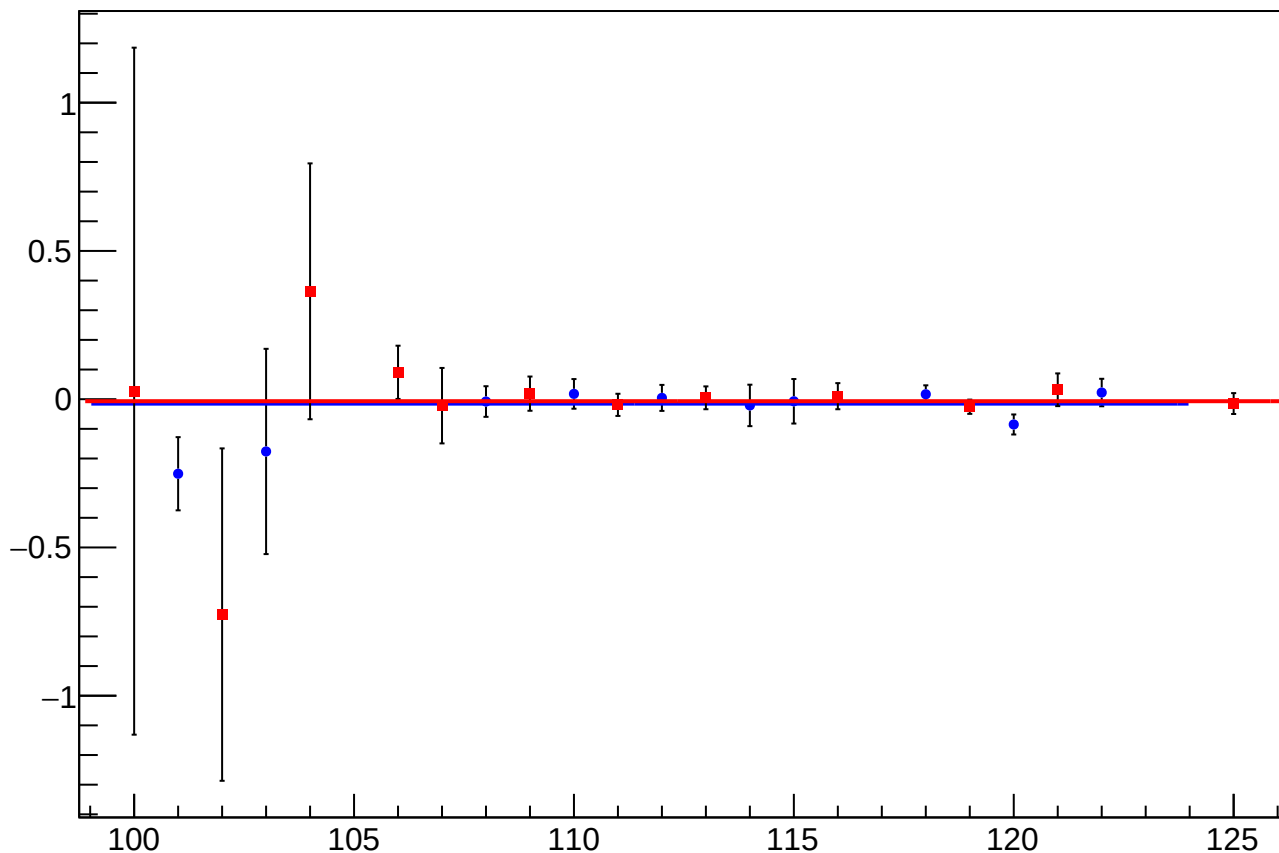
Right: 24.105+/-0.007 χ^2/NDF : 4101464.9/21

In: 25.785+/-0.011 χ^2/NDF :1775224.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 24.105+/-0.007 χ^2/NDF : 4101464.9/21

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: -0.007+/-0.014 χ^2 /NDF: 5.3/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

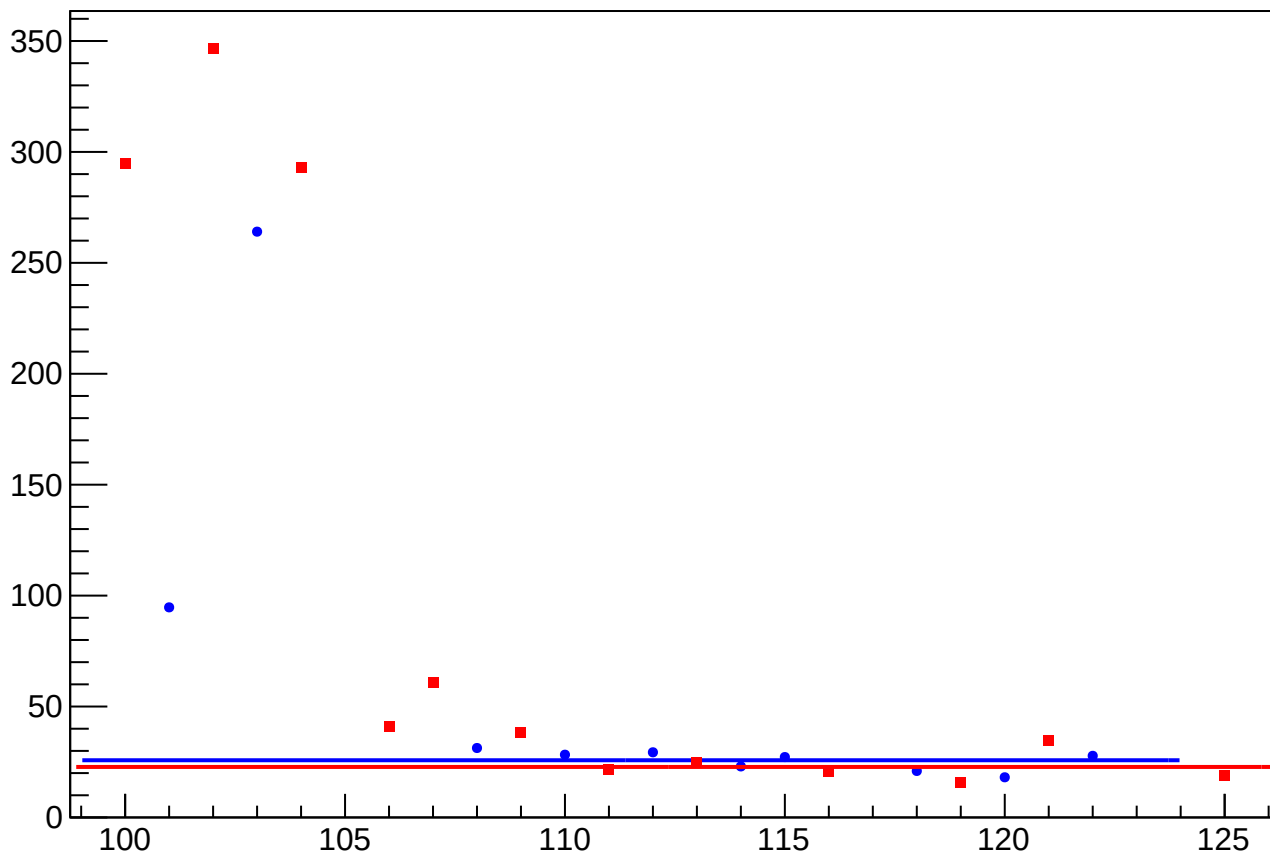
Right: -0.010+/-0.010 χ^2 /NDF: 16.1/21

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+/-0.010 χ^2 /NDF: 16.1/21

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: 22.767+/-0.010 χ^2/NDF : 2283642.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

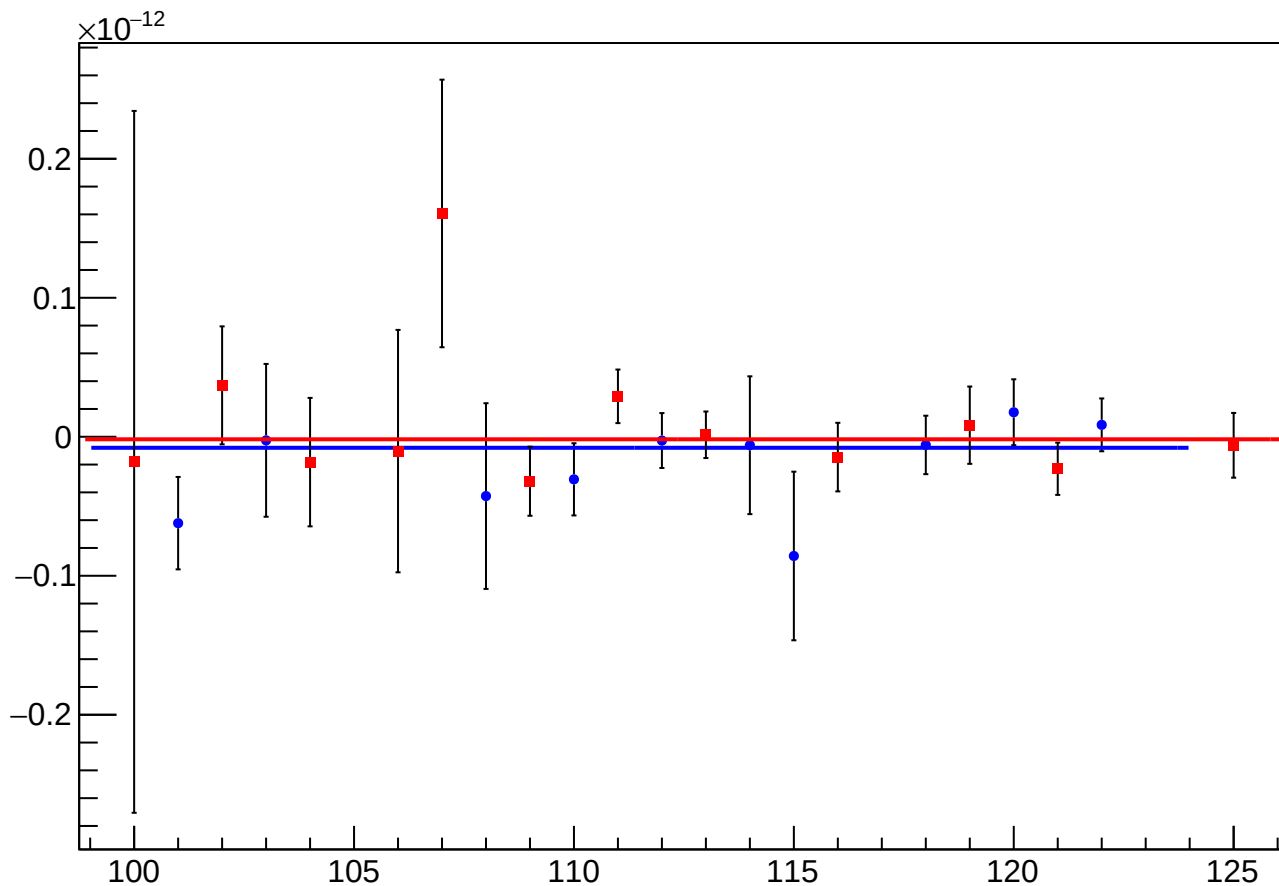
Right: 24.105+/-0.007 χ^2/NDF : 4101464.9/21

In: 25.785+/-0.011 χ^2/NDF : 1775224.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.105+/-0.007 χ^2/NDF : 4101464.9/21

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 : 9.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

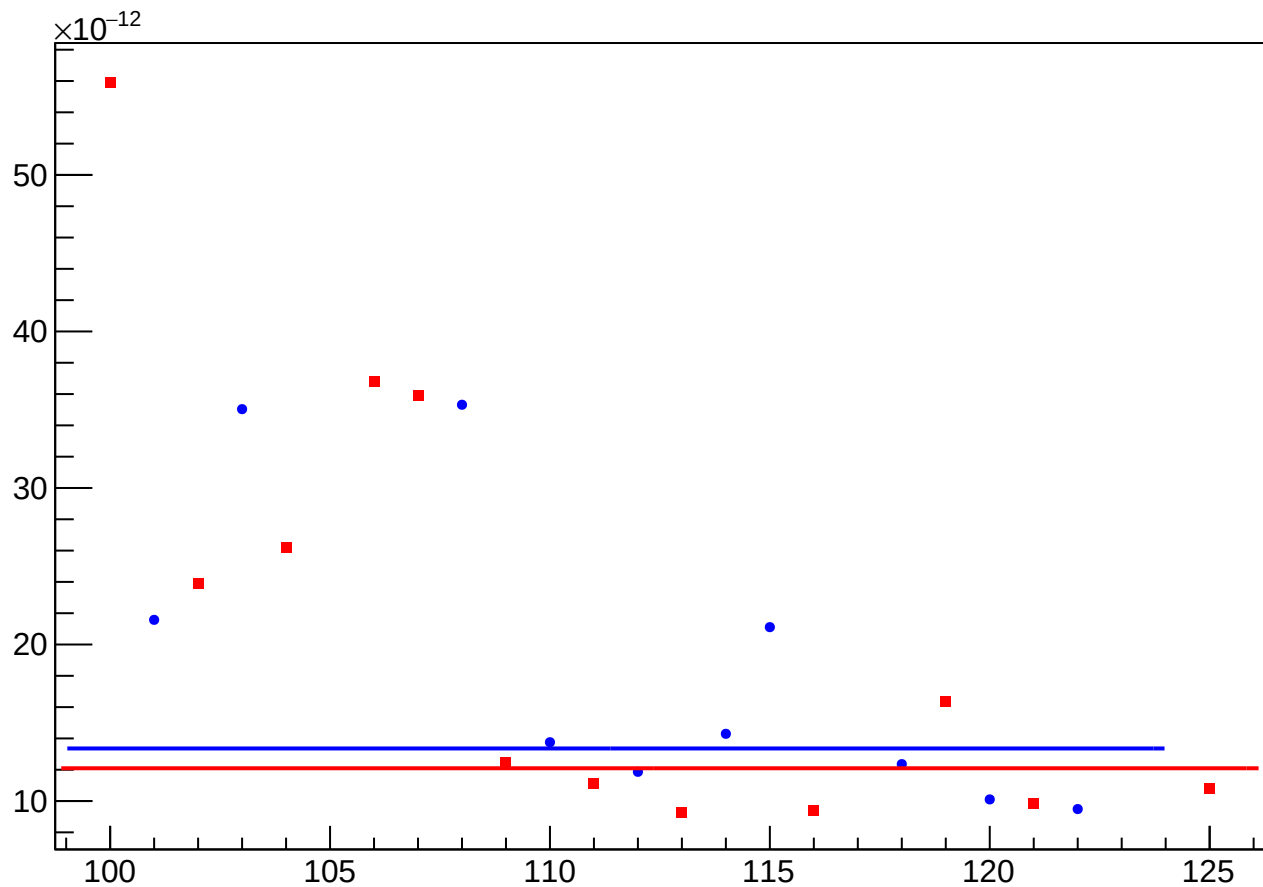
Right: -0.000+/-0.000 χ^2/NDF : 17.2/21

In: -0.000+/-0.000 χ^2/NDF : 7.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.2/21

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 : 852508.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

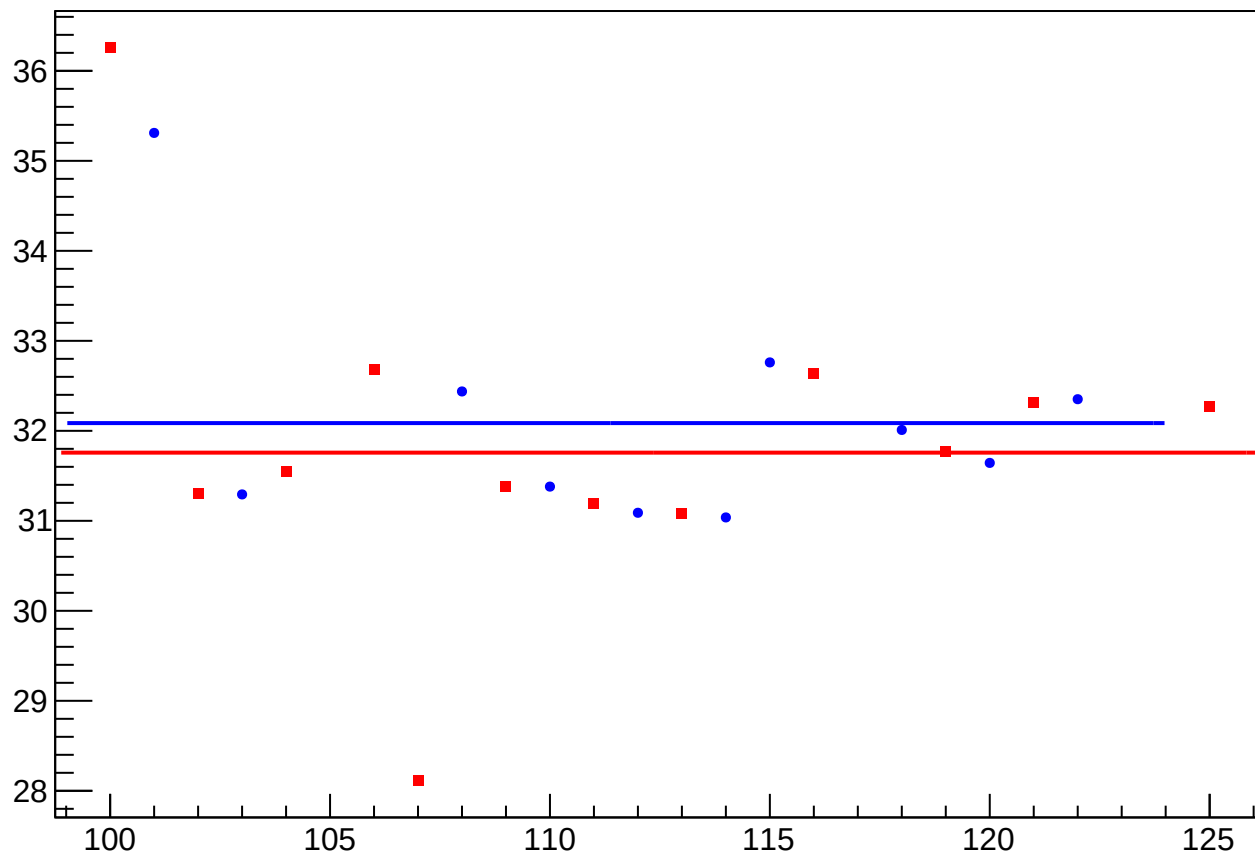
Right: 0.000+/-0.000 χ^2/NDF : 1695696.7/21

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 : 1695696.7/21

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: 31.758+/-0.000 χ^2/NDF : 405047396.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

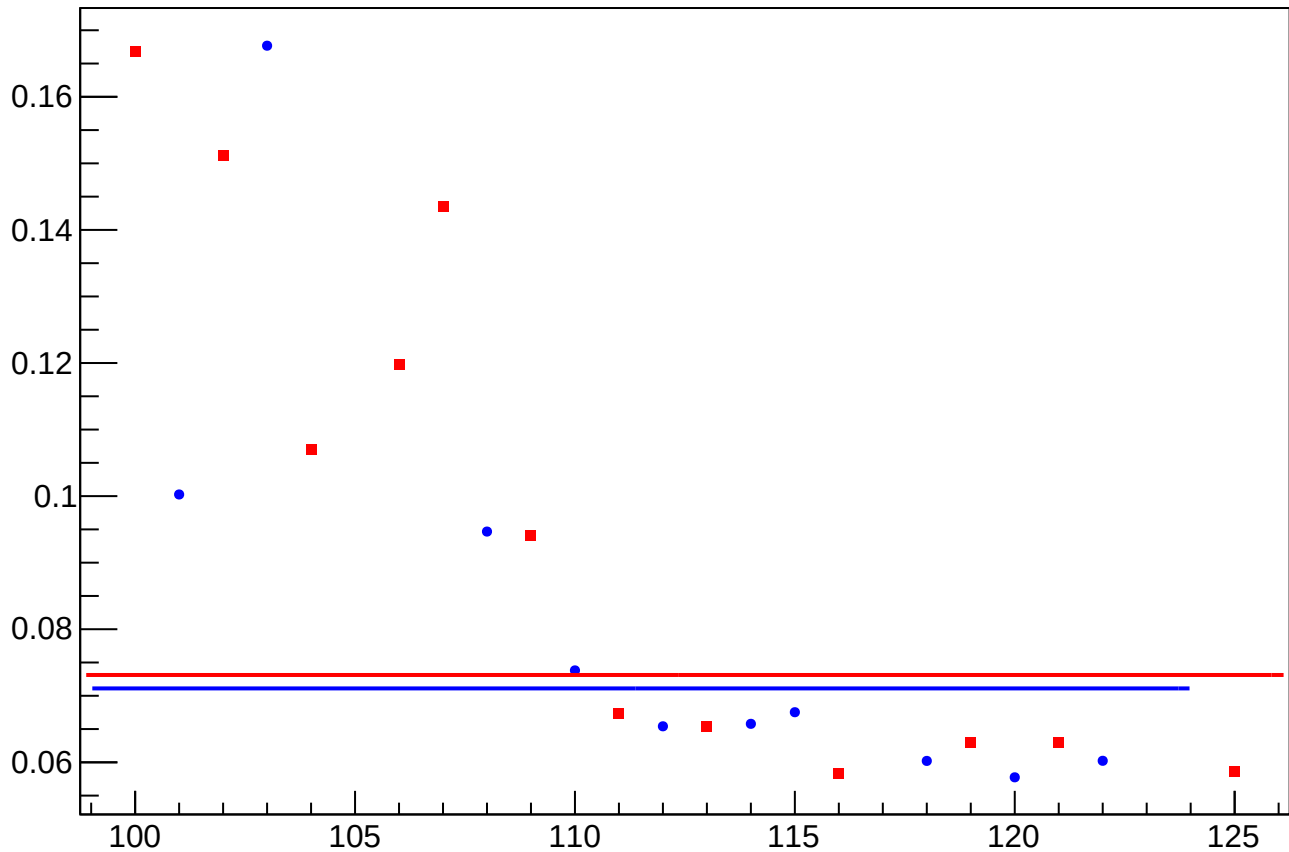
Right: 31.913+/-0.000 χ^2/NDF : 1274922361.8/21

In: 32.086+/-0.000 χ^2/NDF : 831343771.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.913+/-0.000 χ^2/NDF : 1274922361.8/21

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: 0.073+/-0.000 χ^2/NDF : 808856.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

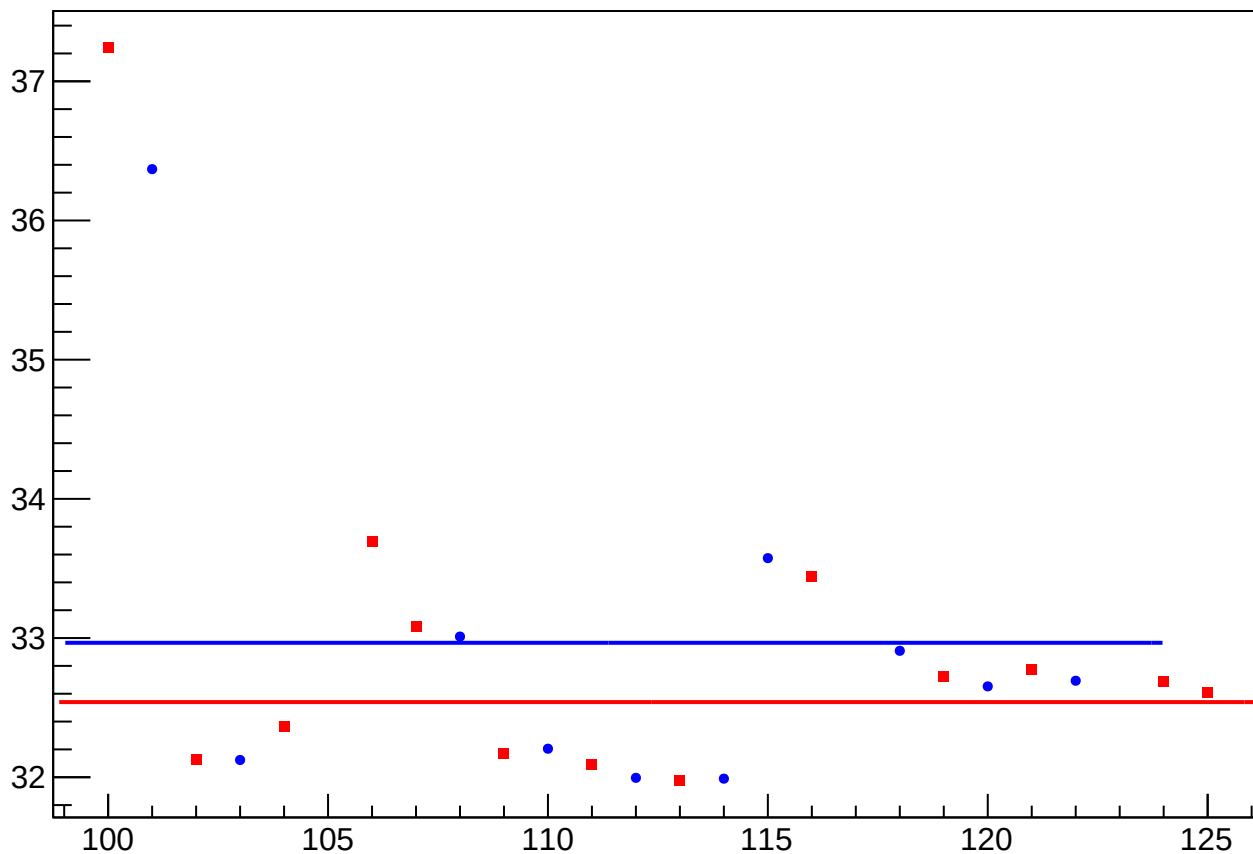
Right: 0.072+/-0.000 χ^2/NDF : 1444287.9/21

In: 0.071+/-0.000 χ^2/NDF : 632518.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.072+/-0.000 χ^2/NDF : 1444287.9/21

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: 32.540+/-0.000 χ^2/NDF : 139309707.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

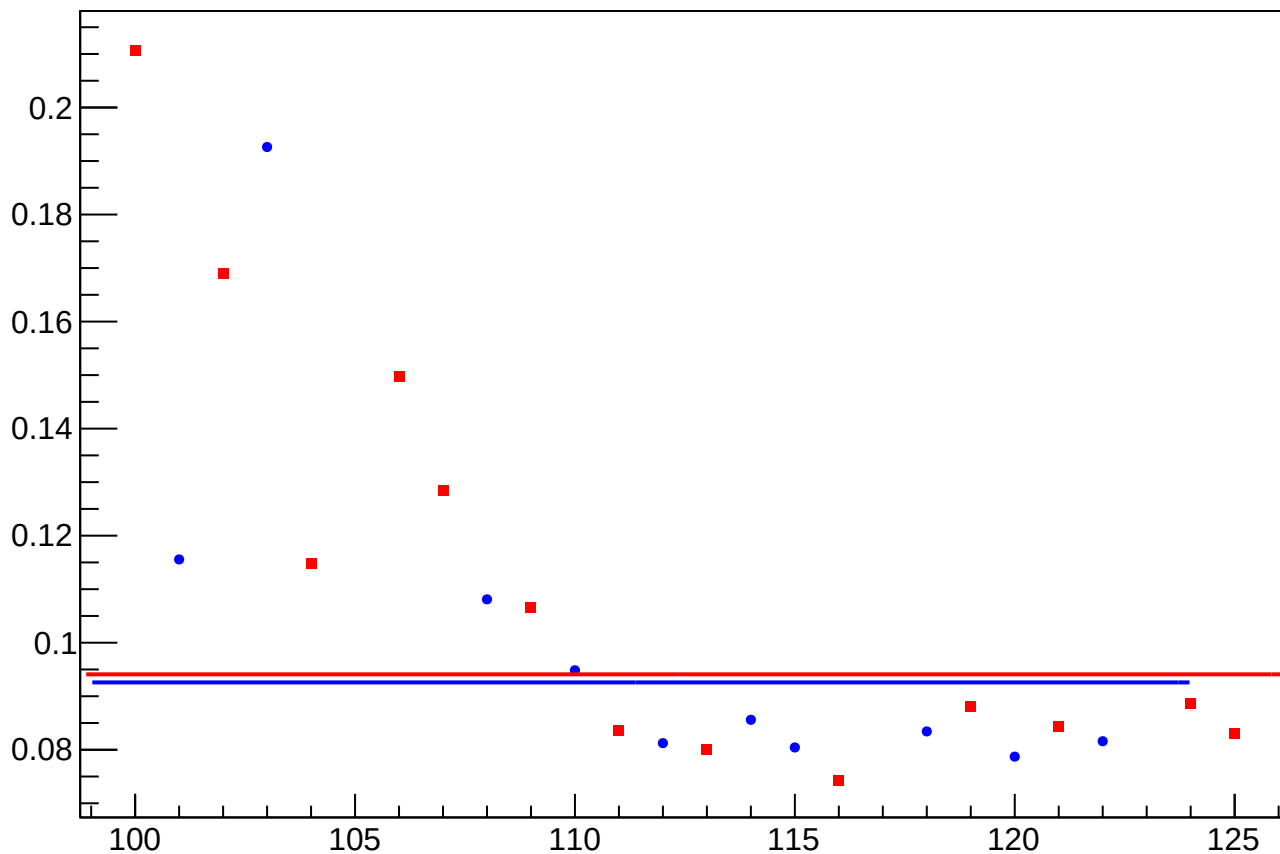
Right: 32.735+/-0.000 χ^2/NDF : 811892091.7/22

In: 32.966+/-0.000 χ^2/NDF :632545275.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 32.735+/-0.000 χ^2/NDF : 811892091.7/22

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: 0.094+/-0.000 χ^2/NDF : 516872.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

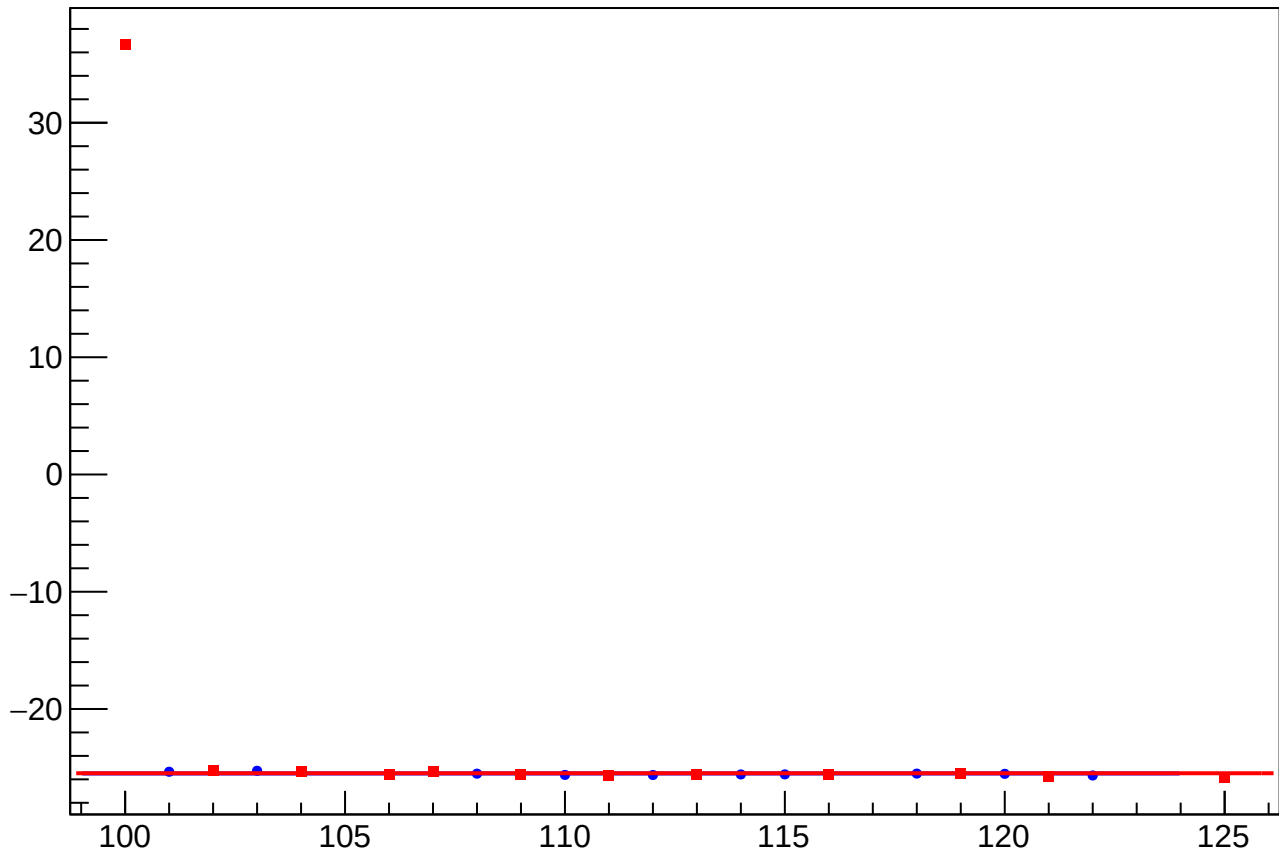
Right: 0.093+/-0.000 χ^2/NDF : 964410.2/22

In: 0.093+/-0.000 χ^2/NDF :446532.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.093+/-0.000 χ^2/NDF : 964410.2/22

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: -25.480+/-0.000 χ^2/NDF : 8866492383.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

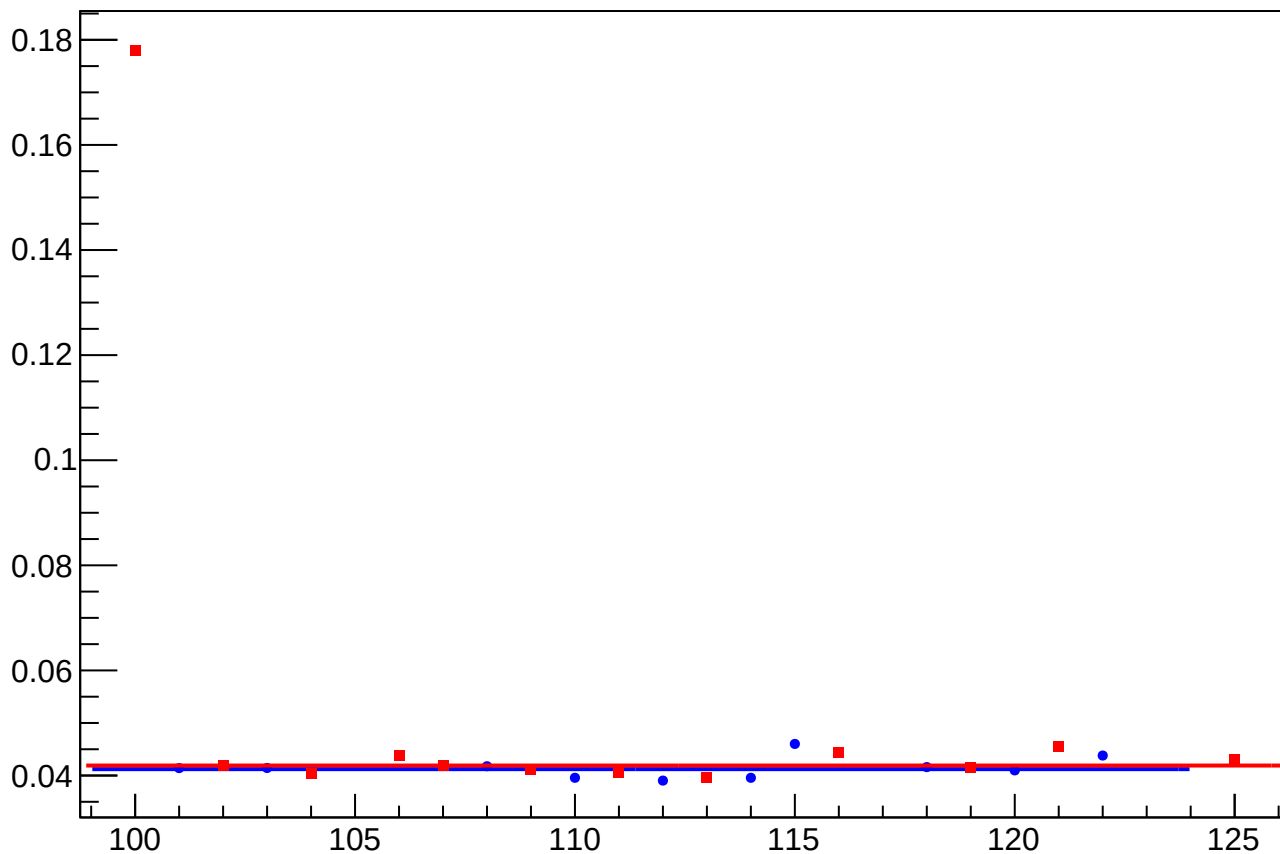
Right: -25.488+/-0.000 χ^2/NDF : 8910187704.8/21

In: -25.498+/-0.000 χ^2/NDF : 43311176.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.488+/-0.000 χ^2/NDF : 8910187704.8/21

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 : 98524.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

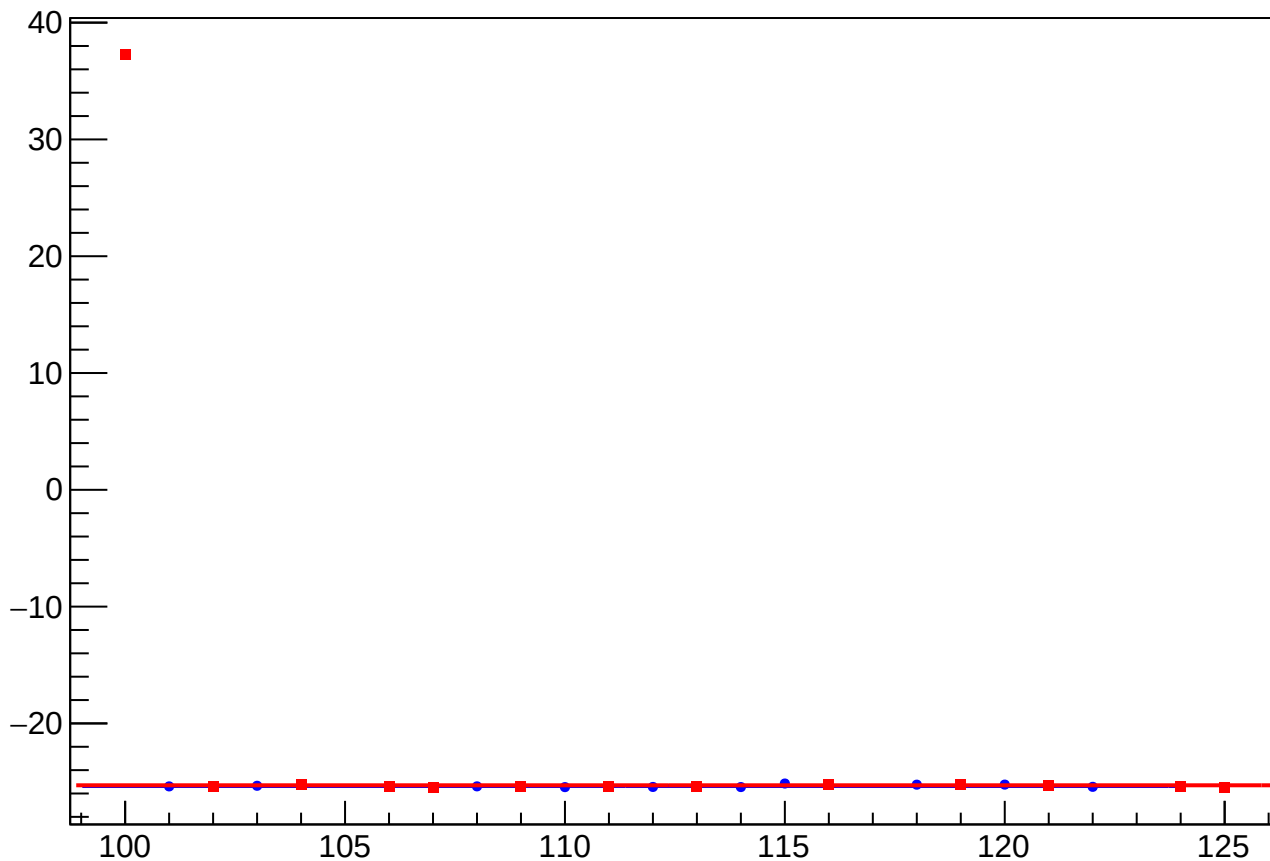
Right: 0.042+/-0.000 χ^2/NDF : 110757.6/21

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 : 110757.6/21

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: -25.297+/-0.000 χ^2/NDF : 6308704143.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

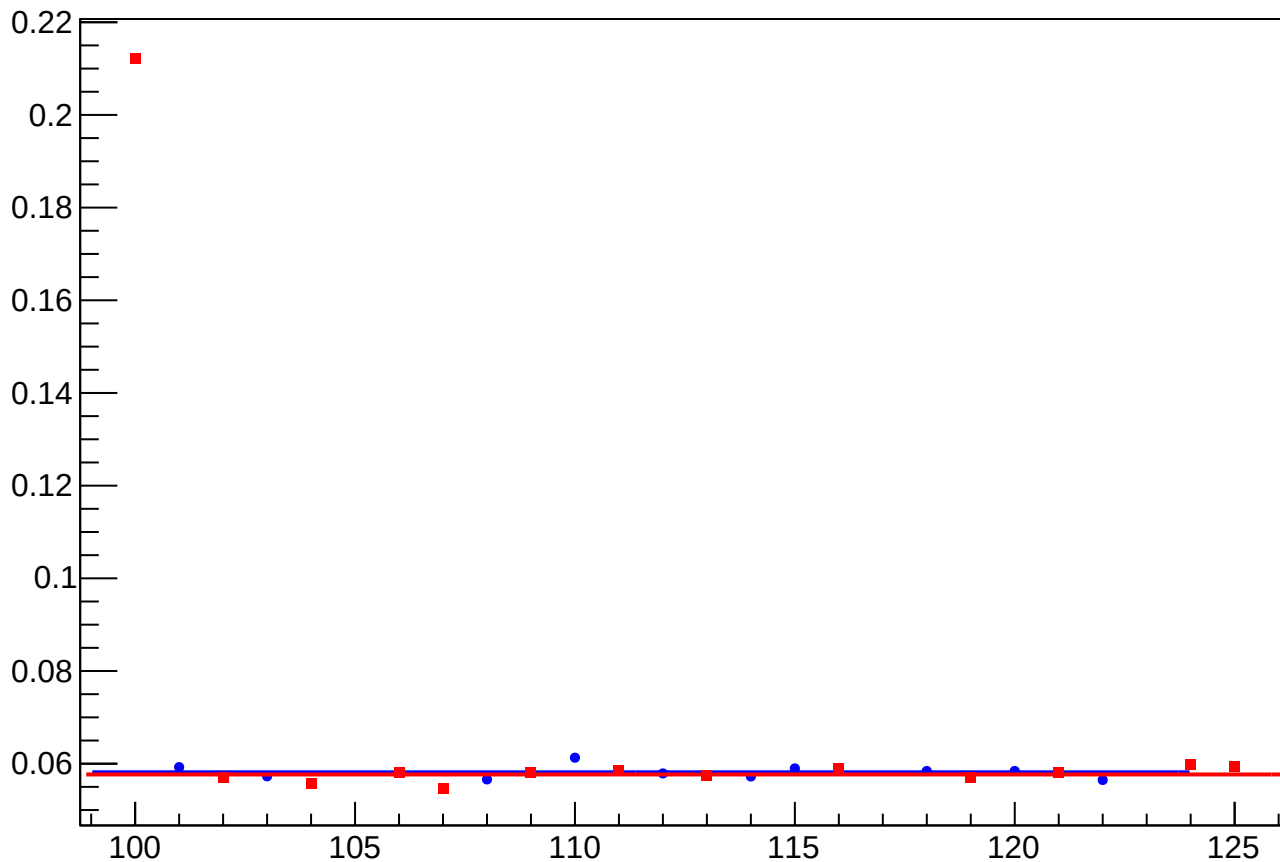
Right: -25.325+/-0.000 χ^2/NDF : 6319558860.6/22

In: -25.360+/-0.000 χ^2/NDF : 8337593.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.325+/-0.000 χ^2/NDF : 6319558860.6/22

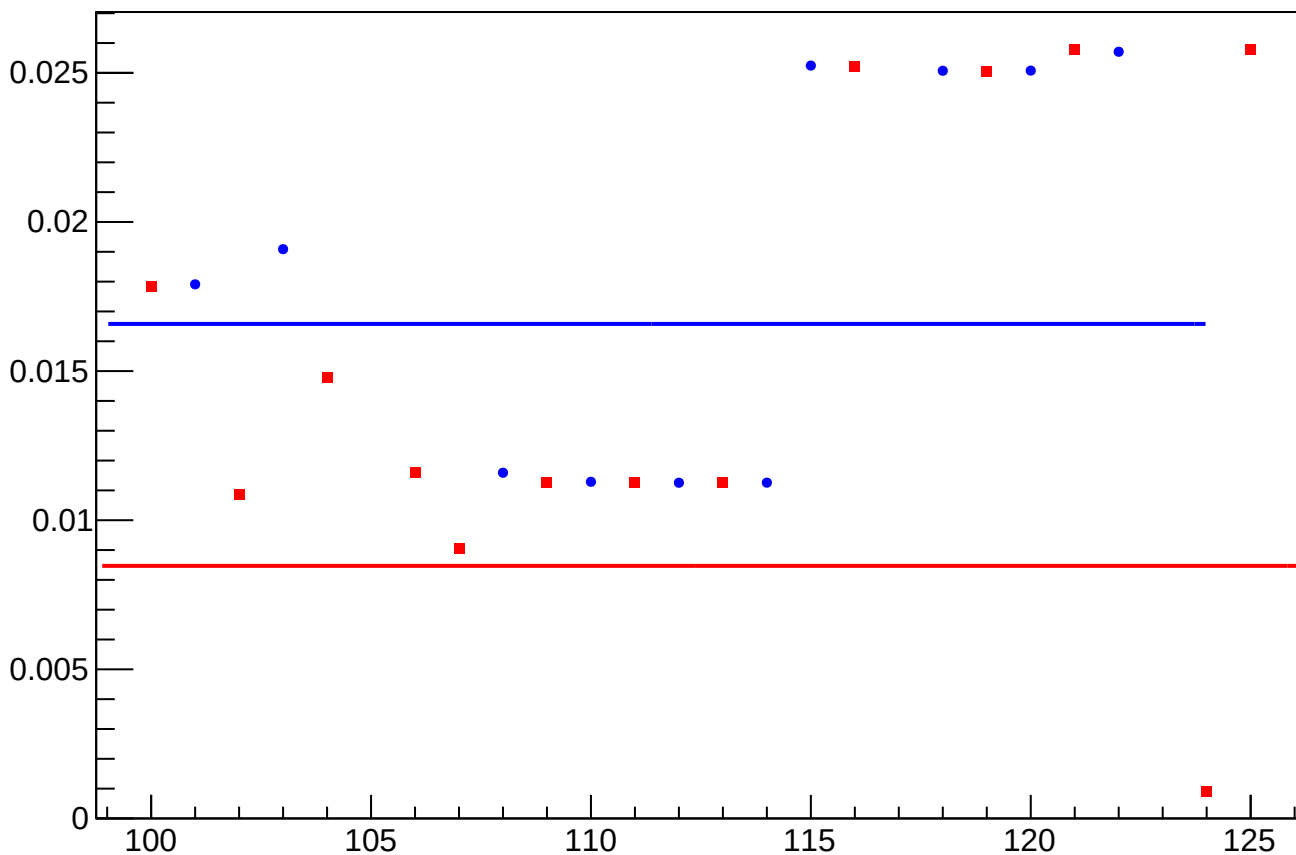
yield_dsr_rms vs Slug, Sign Corrected



Right In: 0.058+/-0.000 χ^2/NDF : 4037.2/9
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.058+/-0.000 χ^2/NDF : 81119.7/12
Left 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 : 85443.3/22
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 : 85443.3/22

yield_atl1_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.000

χ^2/NDF : 33745464279.2/9

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.011+/-0.000 χ^2/NDF : 226152116225.9/22

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.017+/-0.000 χ^2/NDF : 33745464279.2/9

Right Out: 0.008+/-0.000

χ^2/NDF : 148953260367.8/12

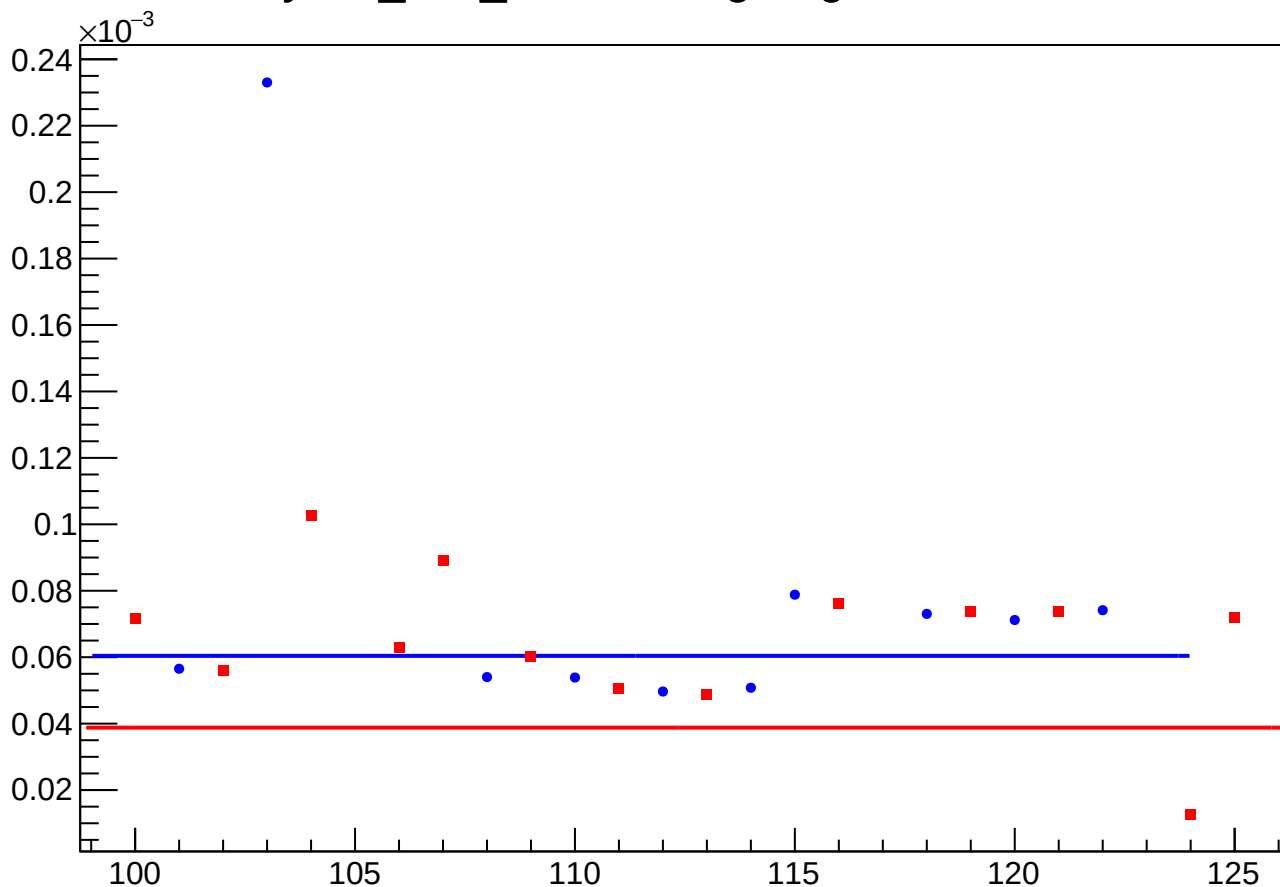
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 226152116225.9

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 : 2874217.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

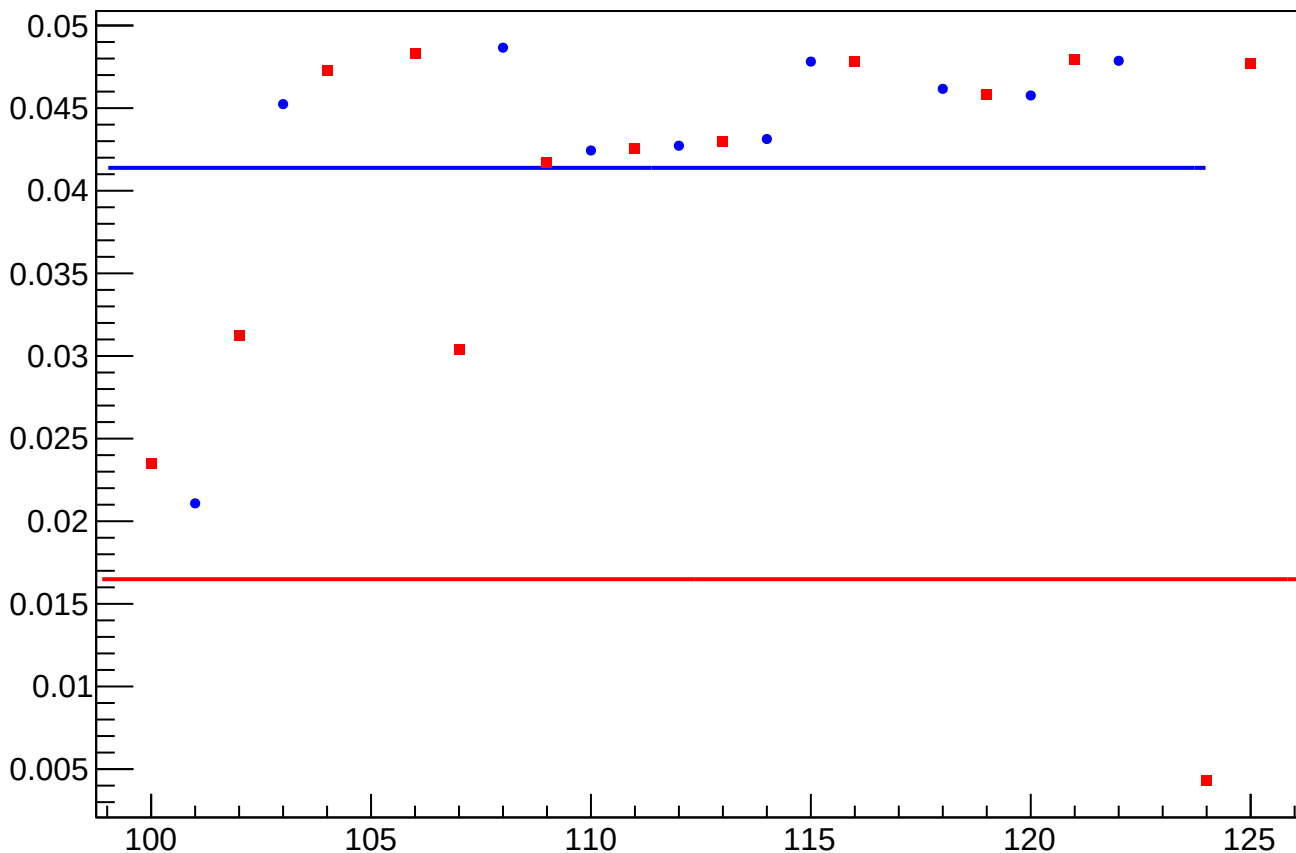
Right: 0.000+/-0.000 χ^2/NDF : 4194997.3/22

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 : 4194997.3/22

yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.041+/-0.000

χ^2/NDF : 2598044741.5/9

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.022+/-0.000 χ^2/NDF : 49615844963.3/22

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.041+/-0.000 χ^2/NDF : 2598044741.5/9

Right Out: 0.016+/-0.000 χ^2/NDF : 33237705477.7/12

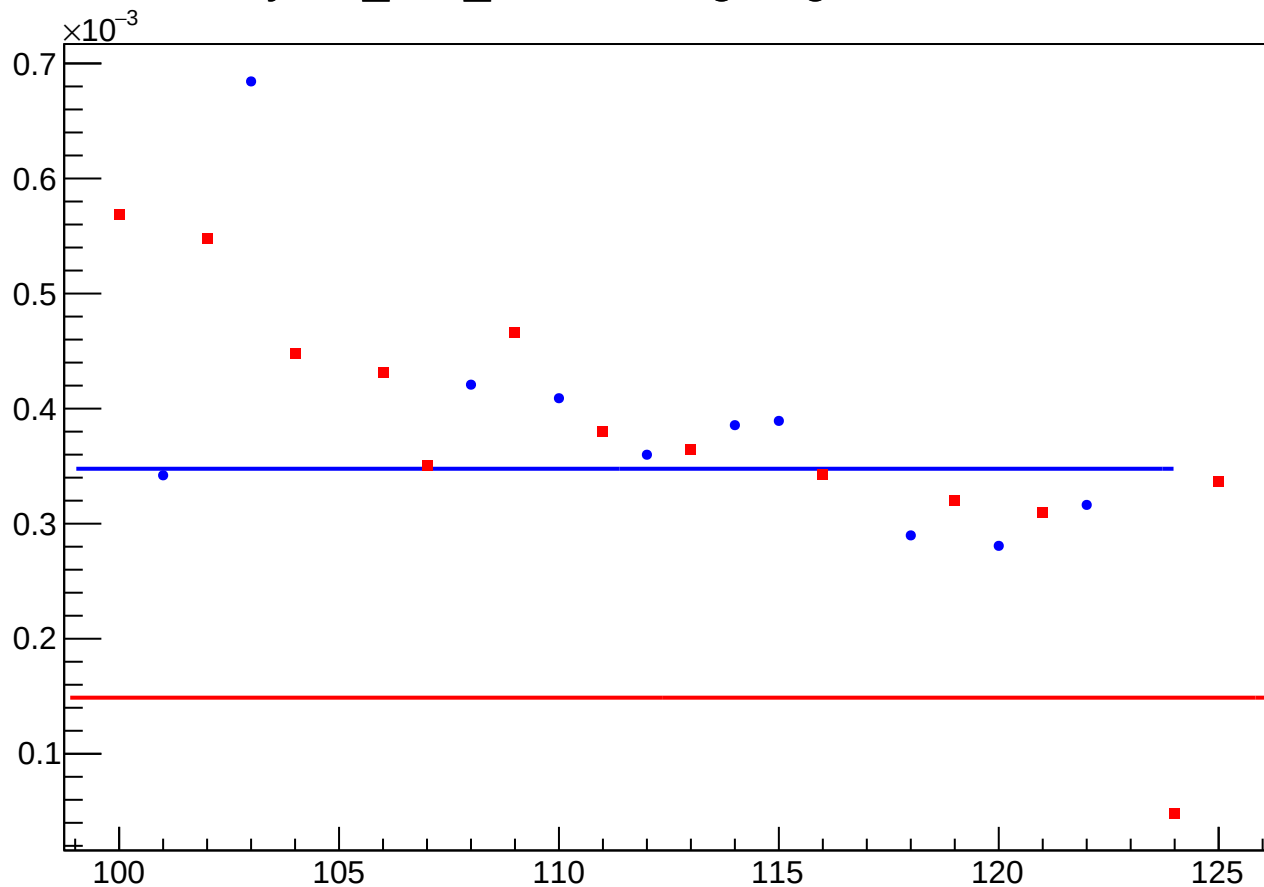
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.022+/-0.000 χ^2/NDF : 49615844963.3/22

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 : 4690231.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

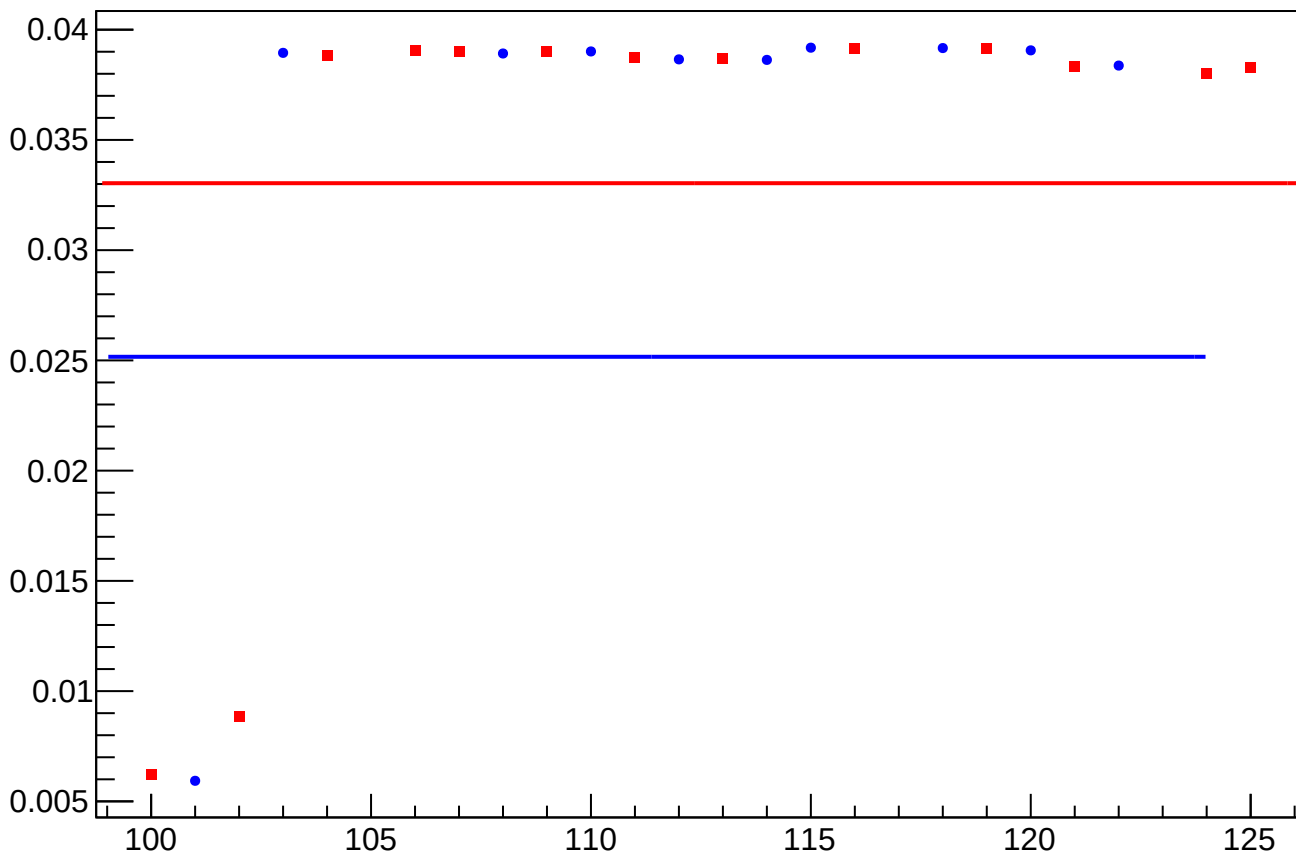
Right: 0.000+/-0.000 χ^2/NDF : 6846056.5/22

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 : 6846056.5/22

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.025+/-0.000 χ^2/NDF : 86644644434.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.033+/-0.000 χ^2/NDF : 44050571779.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

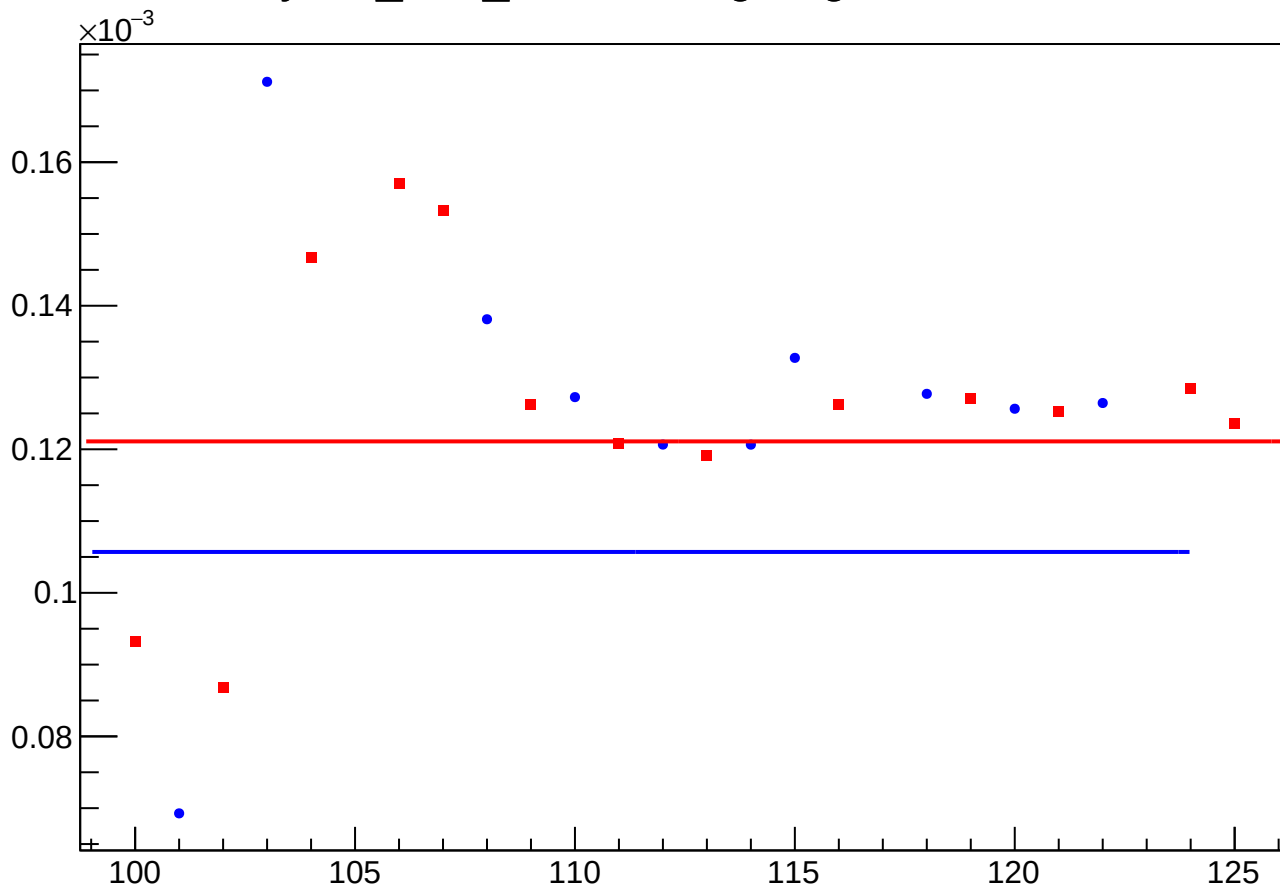
Right: 0.029+/-0.000 χ^2/NDF : 140619441195.8/22

In: 0.025+/-0.000 χ^2/NDF :86644644434.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.029+/-0.000 χ^2/NDF : 140619441195.8

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 : 221702.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

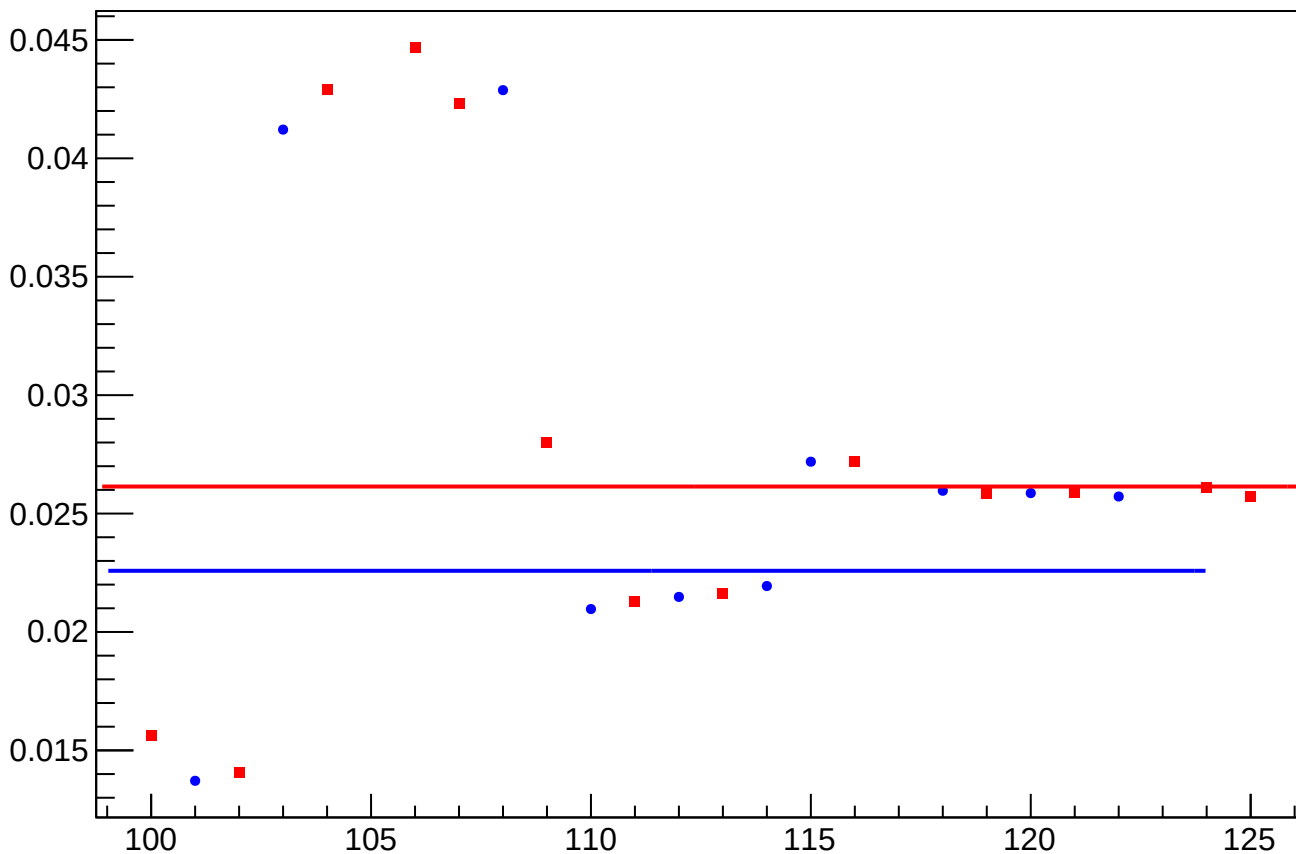
Right: 0.000+/-0.000 χ^2/NDF : 1000040.6/22

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 : 1000040.6/22

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

Right: 0.024+/-0.000 χ^2/NDF : 6956822757.4/22

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.023+/-0.000 χ^2/NDF : 3401931985.5/9

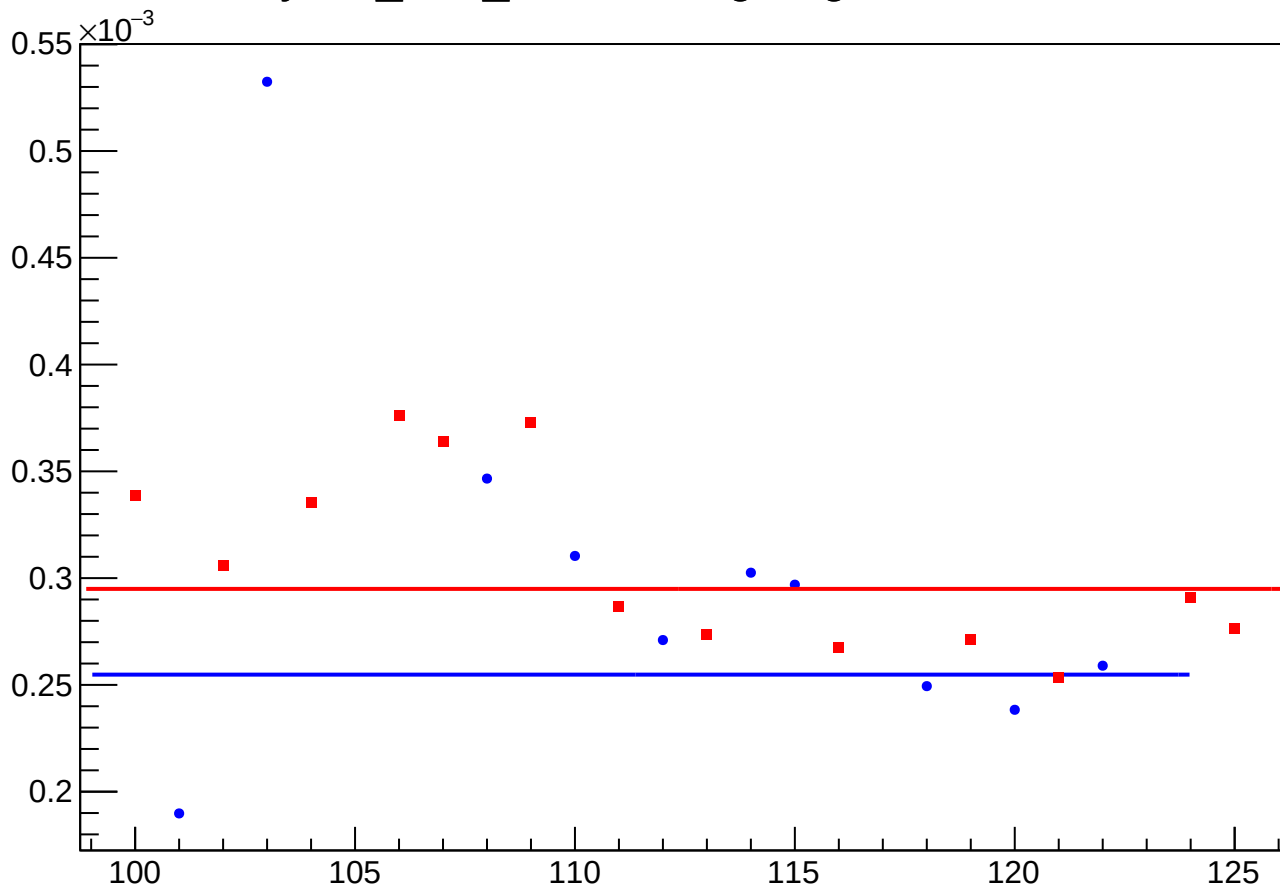
Right Out: 0.026+/-0.000 χ^2/NDF : 3228646601.7/12

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 : 6956822757.4/22

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 : 138165.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

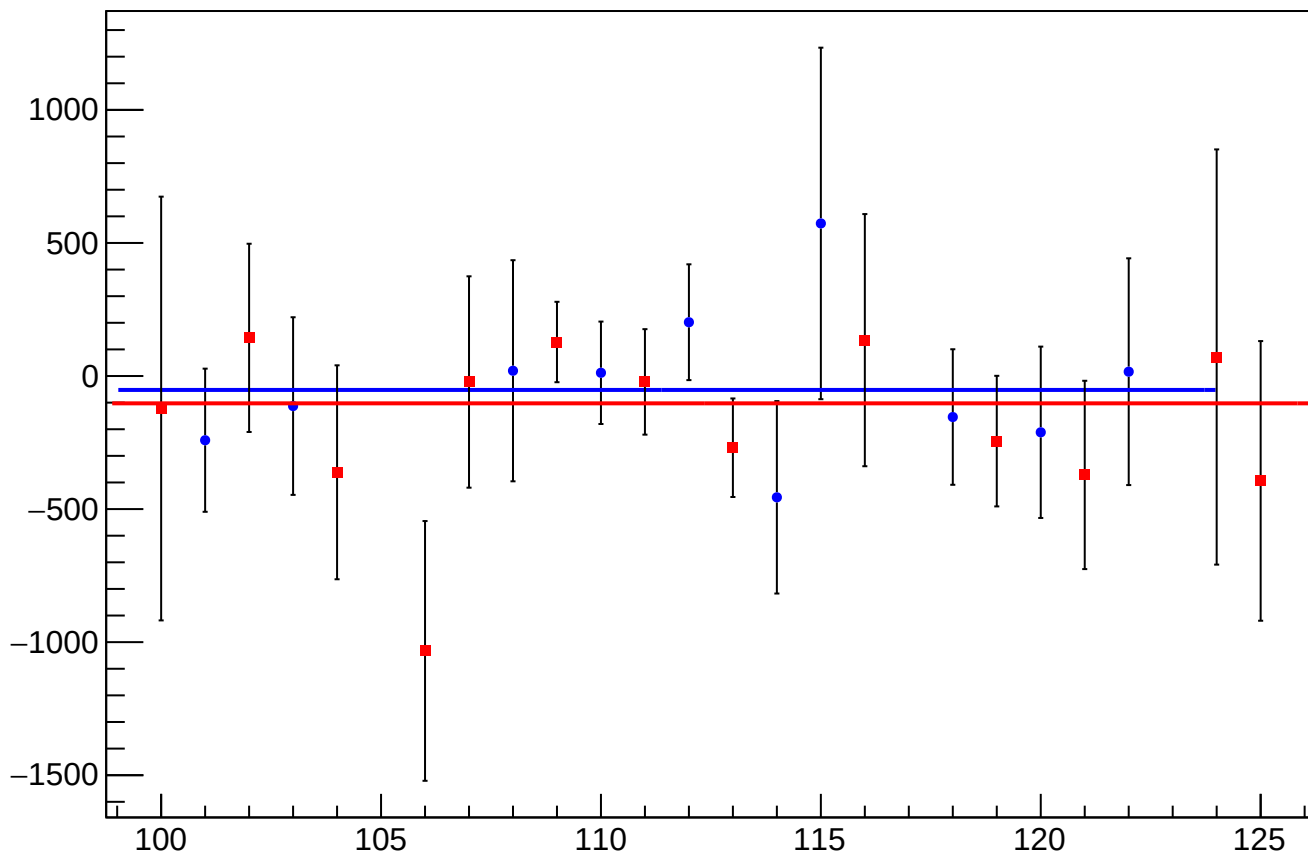
Right: 0.000+/-0.000 χ^2/NDF : 749858.1/22

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 : 749858.1/22

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: -102.665+/-79.286 χ^2/NDF : 9.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

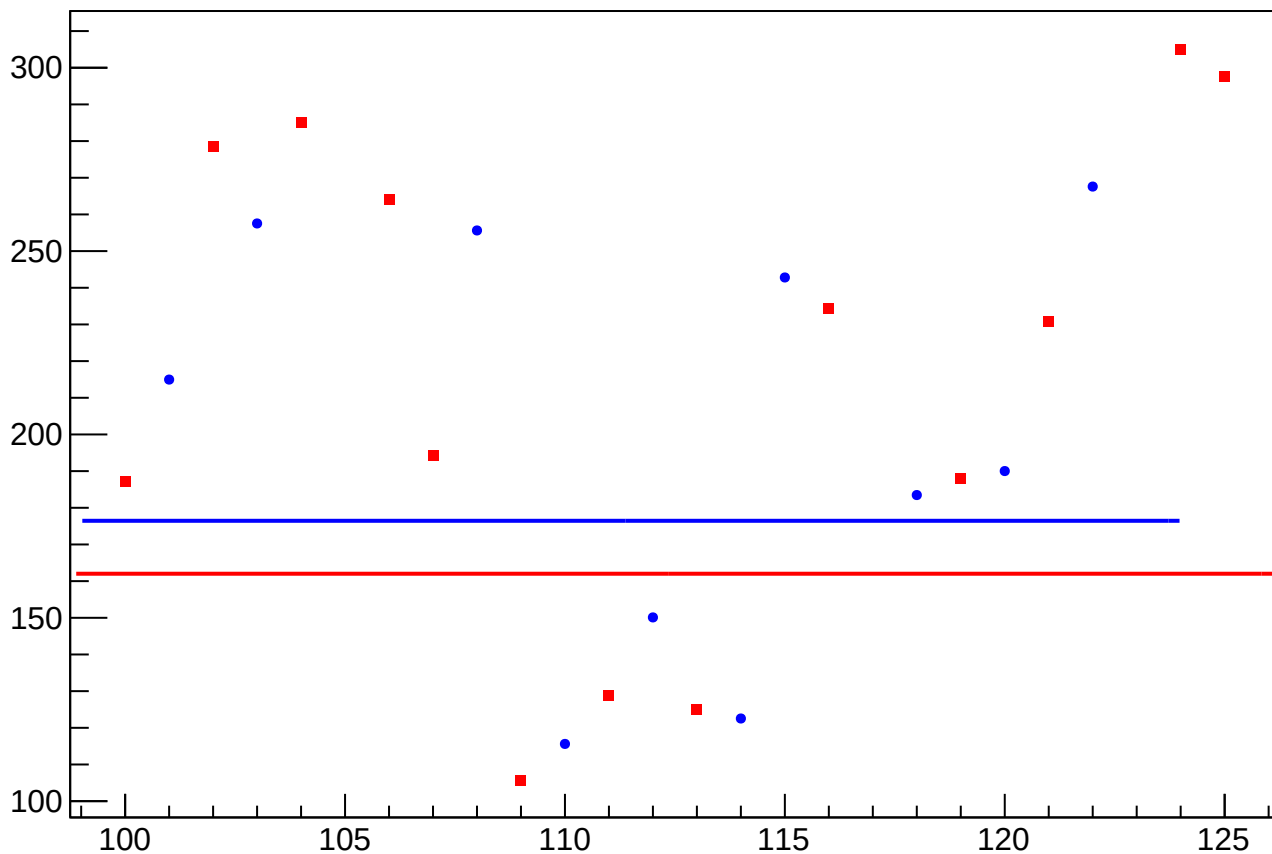
Right: -81.295+/-60.157 χ^2/NDF : 14.2/22

In: -52.304+/-92.350 χ^2/NDF :4.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -81.295+/-60.157 χ^2/NDF : 14.2/22

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: 162.020+/-0.056 χ^2/NDF : 1266594.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

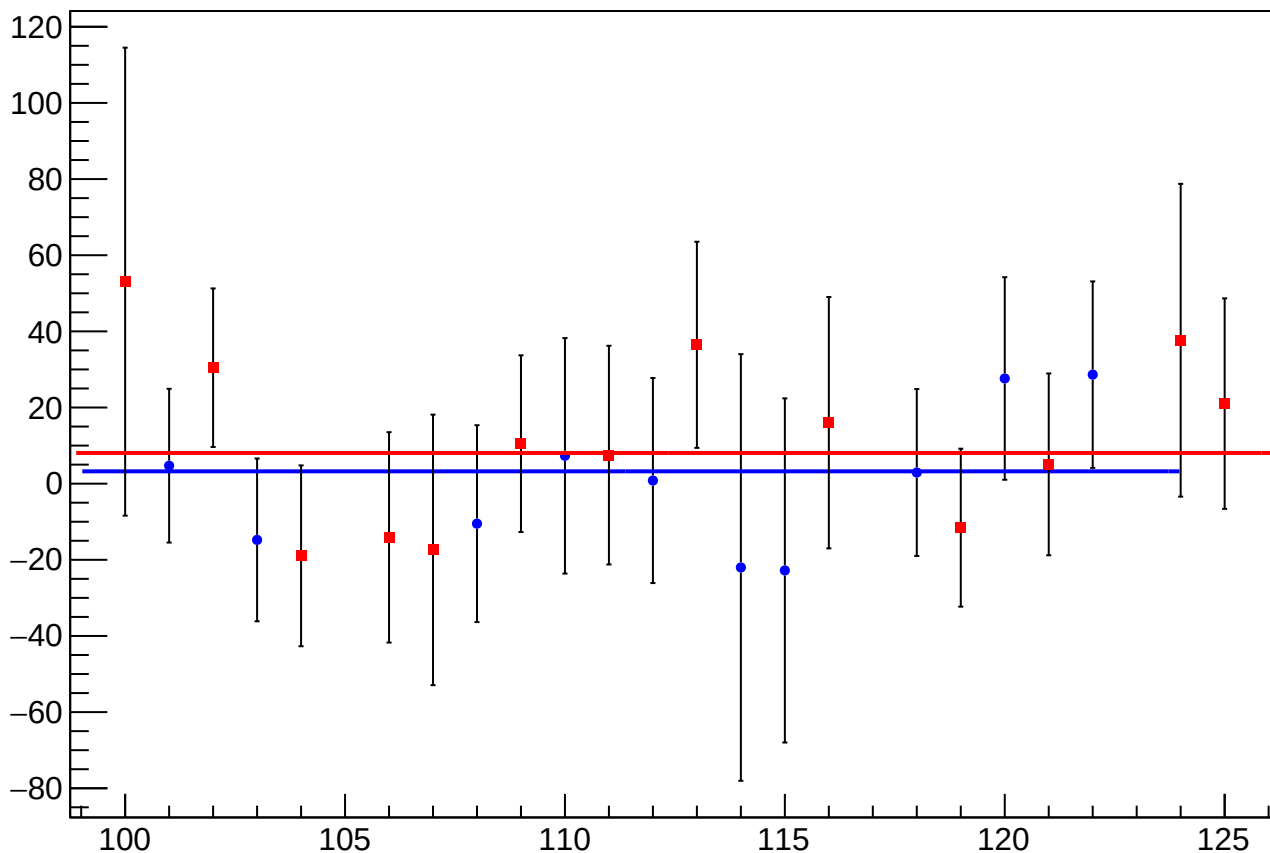
Right: 168.145+/-0.043 χ^2/NDF : 1916997.7/22

In: 176.455+/-0.065 χ^2/NDF :622273.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 168.145+/-0.043 χ^2/NDF : 1916997.7/22

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: 8.064+/-7.500 χ^2/NDF : 7.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

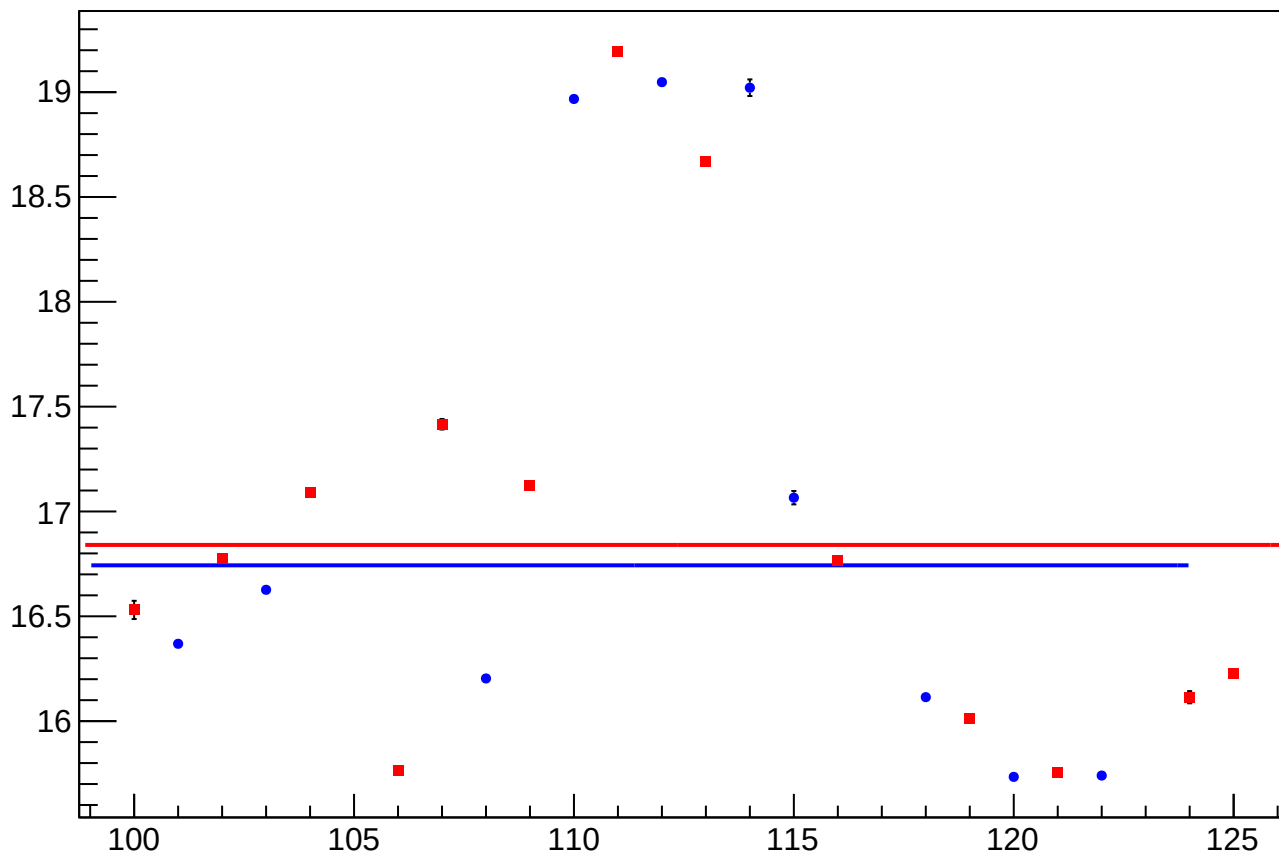
Right: 5.894+/-5.563 χ^2/NDF : 10.6/22

In: 3.238+/-8.296 χ^2/NDF : 3.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.894+/-5.563 χ^2/NDF : 10.6/22

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: 16.840+/-0.005 χ^2/NDF : 35622.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

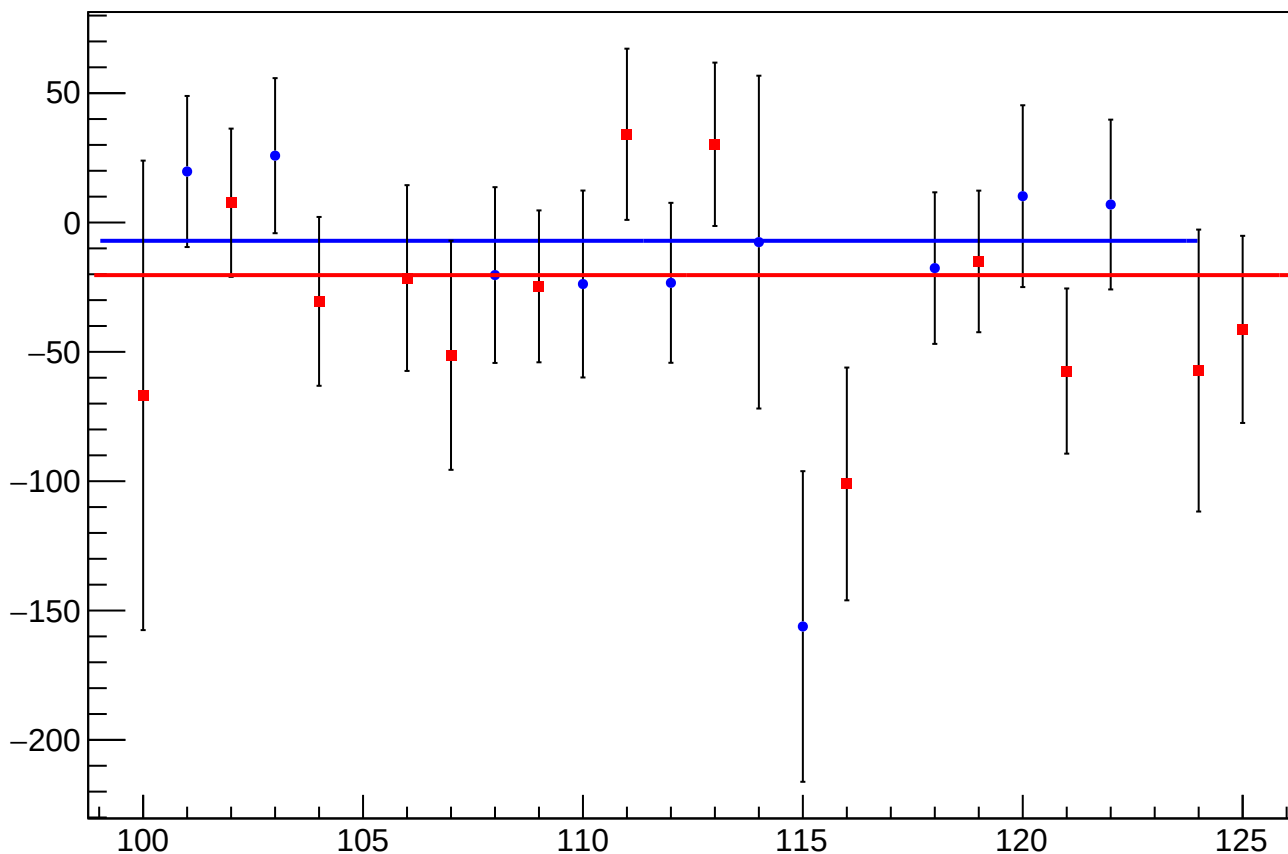
Right: 16.797+/-0.004 χ^2/NDF : 73667.5/22

In: 16.743+/-0.006 χ^2/NDF : 37893.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.797+/-0.004 χ^2/NDF : 73667.5/22

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: -20.334 ± 9.735 χ^2/NDF : 12.5/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

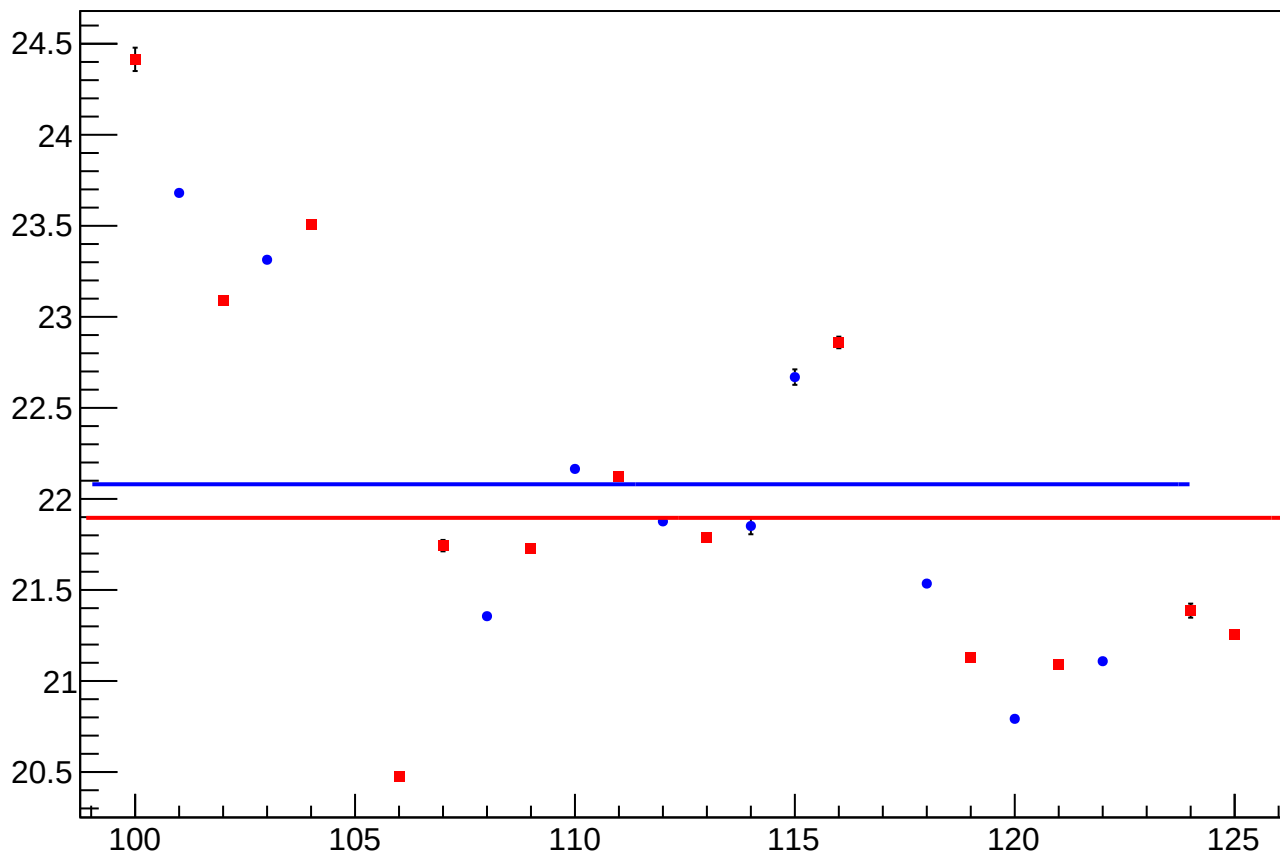
Right: -14.460 ± 7.267 χ^2/NDF : 22.7/22

In: -7.069 ± 10.920 χ^2/NDF : 9.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -14.460 ± 7.267 χ^2/NDF : 22.7/22

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: 21.896+/-0.007 χ^2/NDF : 17800.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

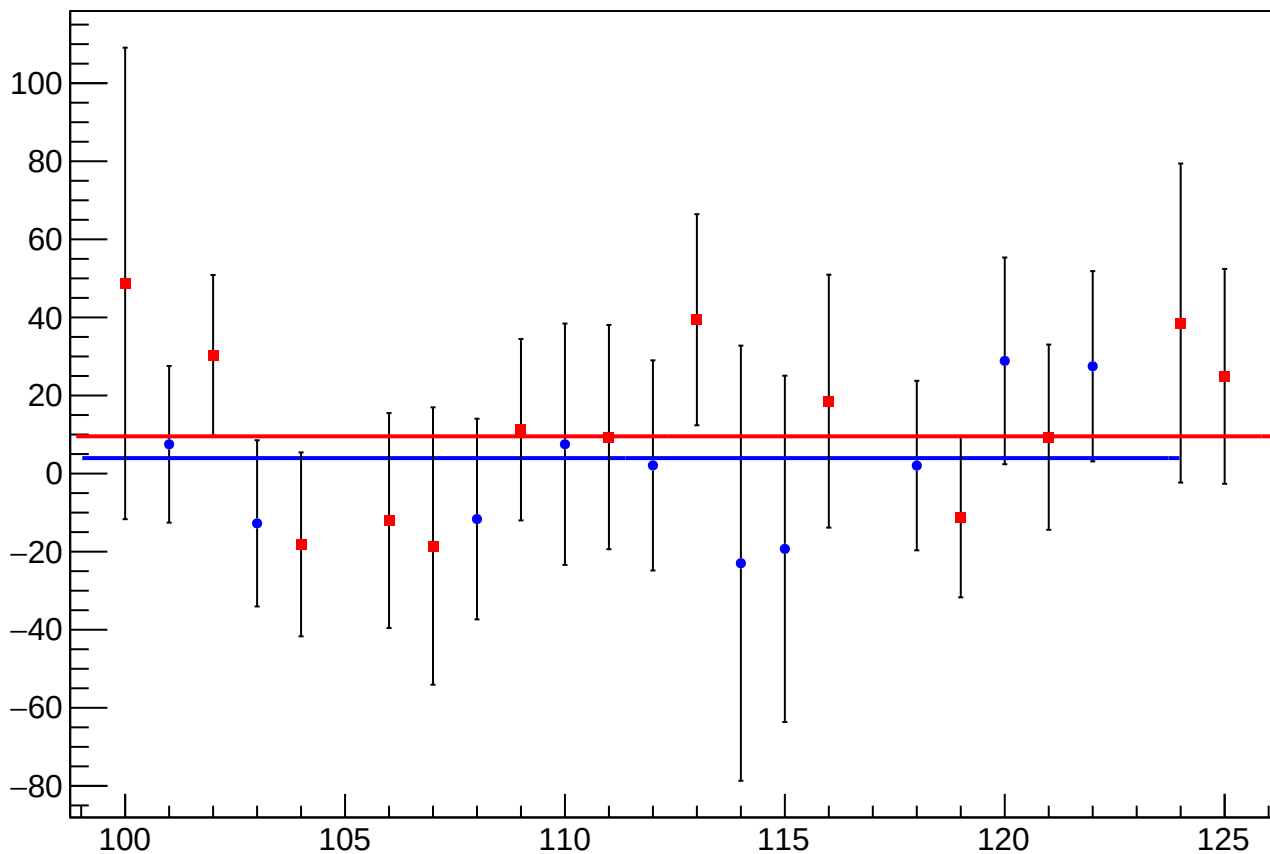
Right: 21.978+/-0.005 χ^2/NDF : 33869.3/22

In: 22.080+/-0.008 χ^2/NDF : 15750.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.978+/-0.005 χ^2/NDF : 33869.3/22

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: 9.539+/-7.453 χ^2/NDF : 7.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

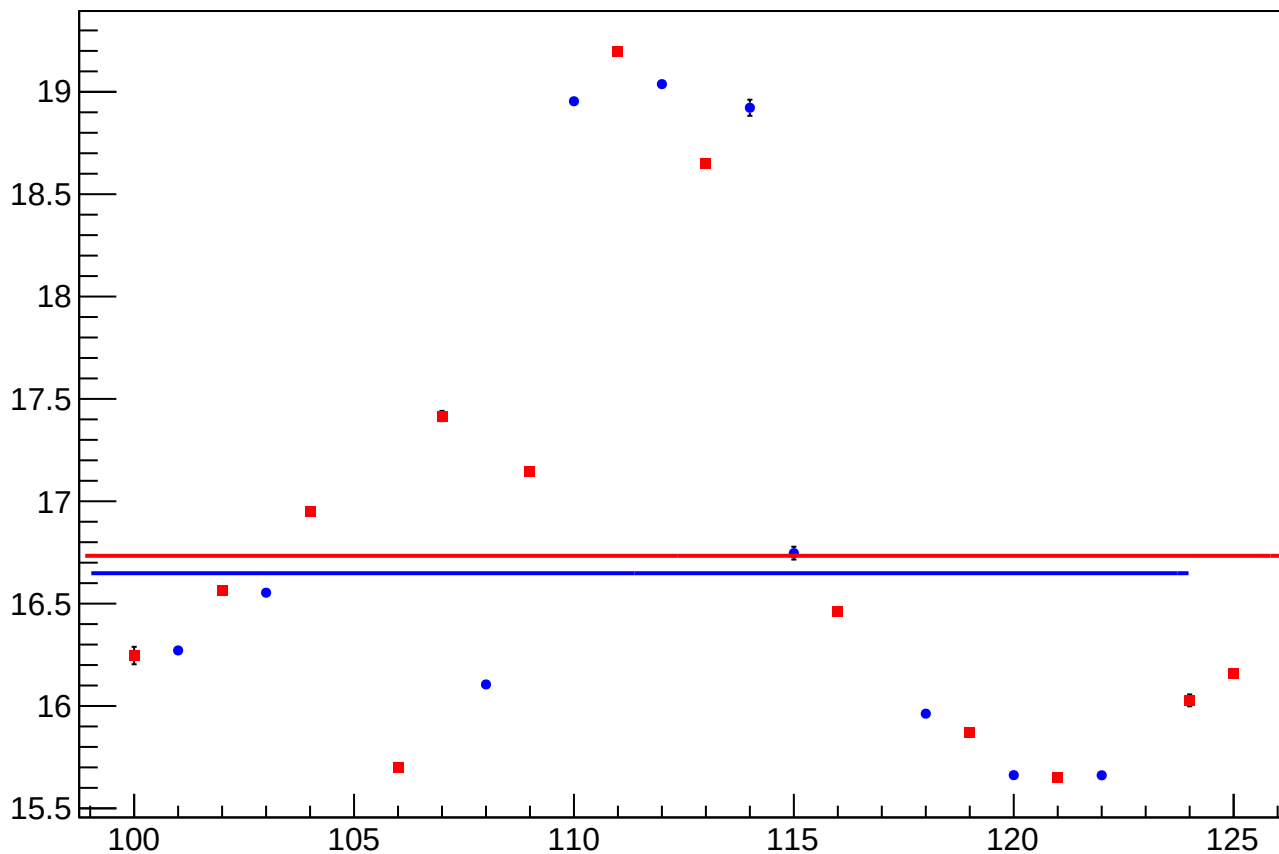
Right: 7.033+/-5.530 χ^2/NDF : 10.8/22

In: 3.963+/-8.250 χ^2/NDF : 3.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.033+/-5.530 χ^2/NDF : 10.8/22

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: 16.734+/-0.005 χ^2/NDF : 38664.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

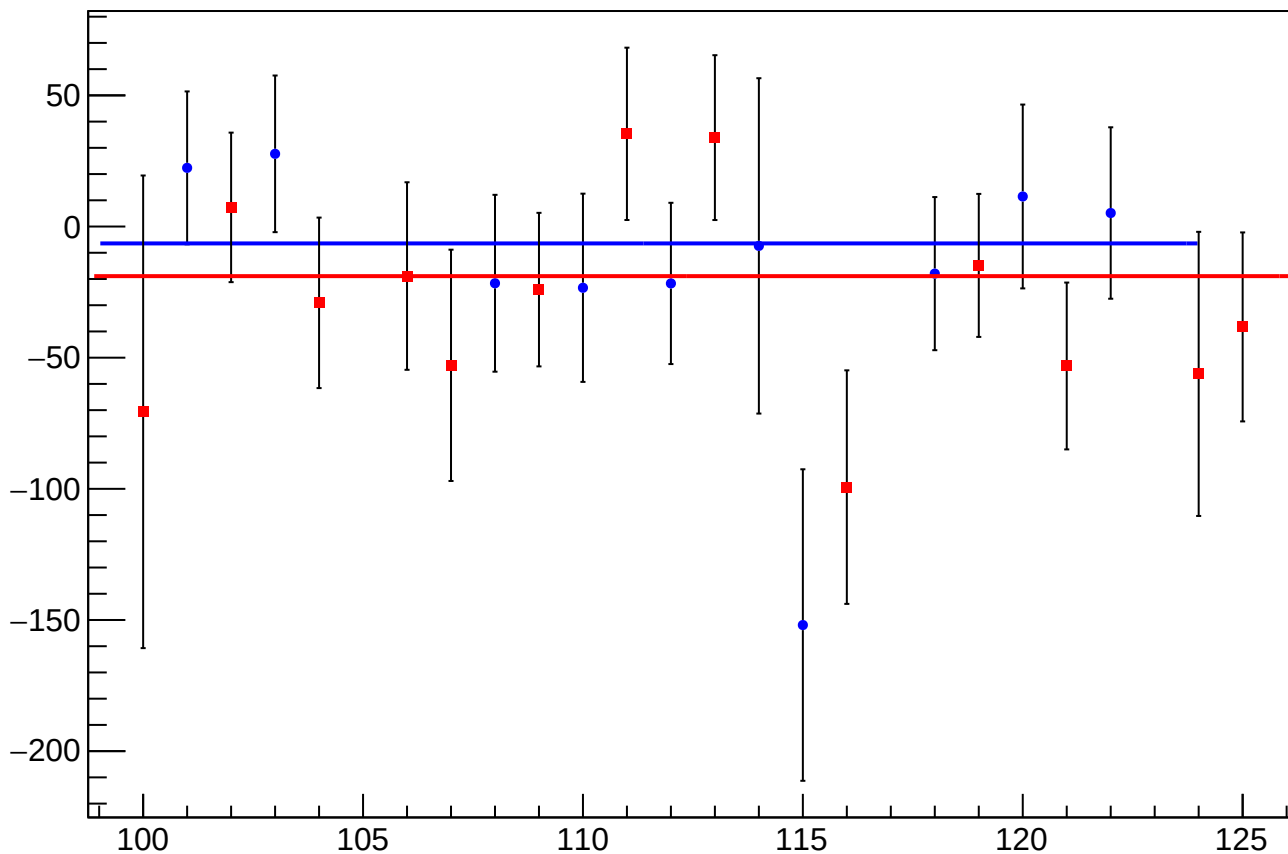
Right: 16.695+/-0.004 χ^2/NDF : 78703.1/22

In: 16.648+/-0.006 χ^2/NDF : 39921.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.695+/-0.004 χ^2/NDF : 78703.1/22

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: -18.913+/-9.688 χ^2/NDF : 12.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

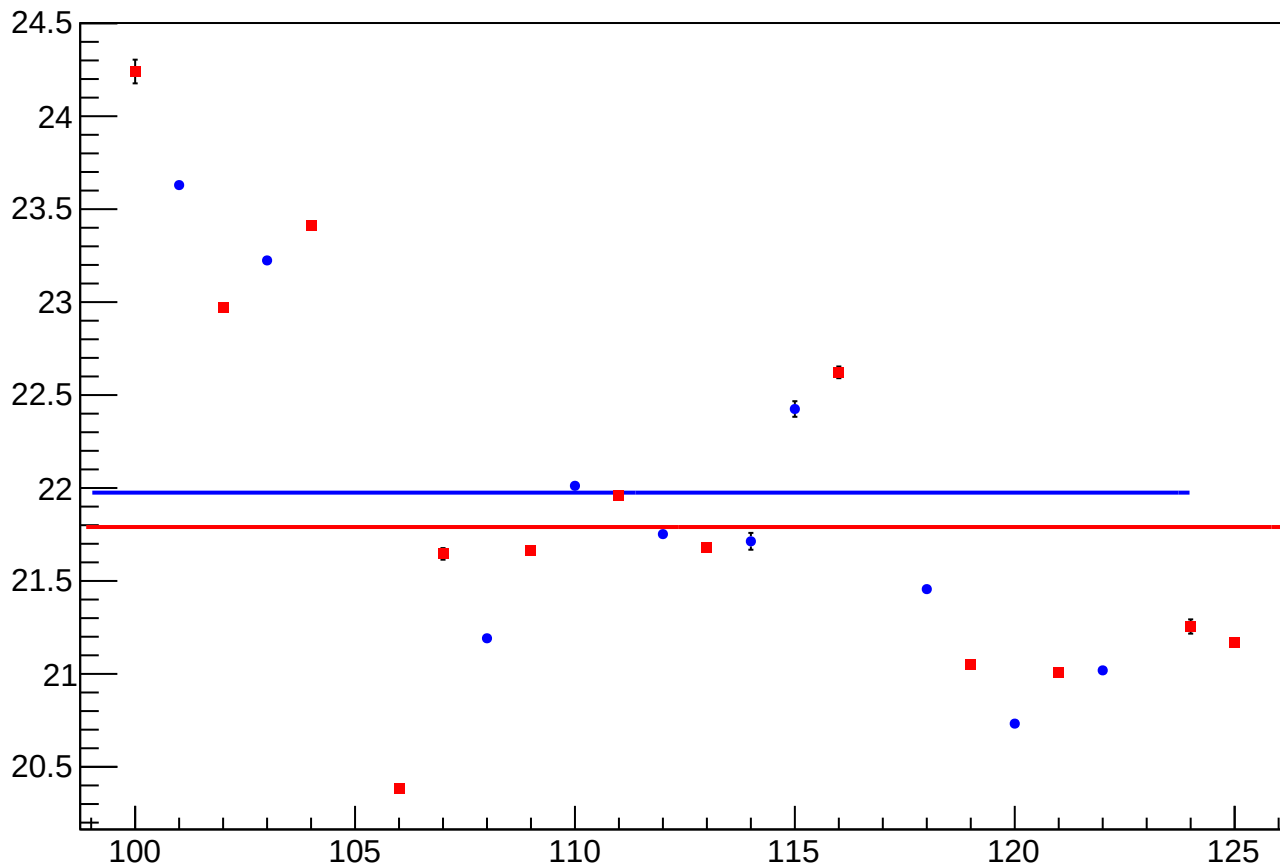
Right: -13.389+/-7.232 χ^2/NDF : 22.9/22

In: -6.438+/-10.868 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.389+/-7.232 χ^2/NDF : 22.9/22

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: 21.790+/-0.007 χ^2/NDF : 17315.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

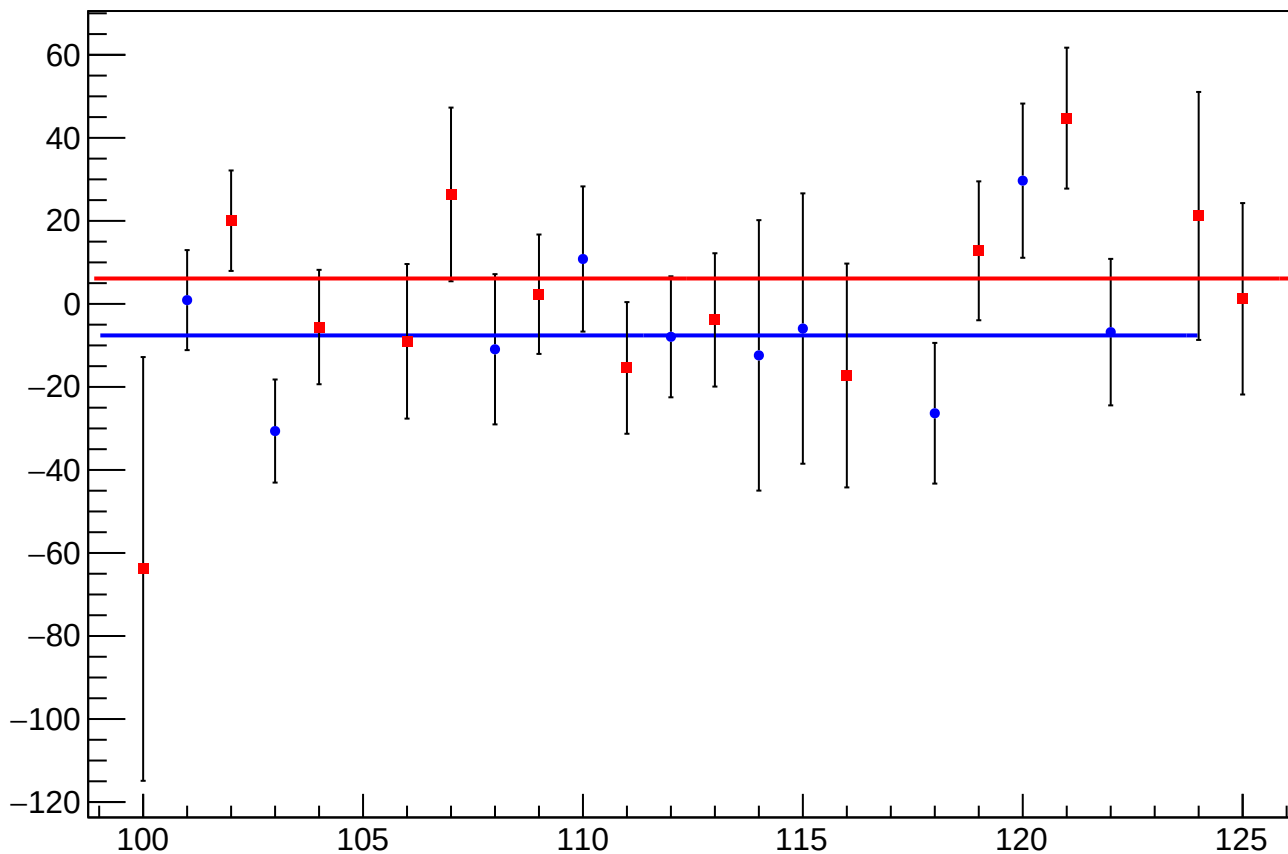
Right: 21.872+/-0.005 χ^2/NDF : 33780.4/22

In: 21.975+/-0.008 χ^2/NDF :16142.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 21.872+/-0.005 χ^2/NDF : 33780.4/22

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -7.593 $\pm$ 5.279 χ^2/NDF : 10.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 6.121 $\pm$ 4.894 χ^2/NDF : 14.2/12

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

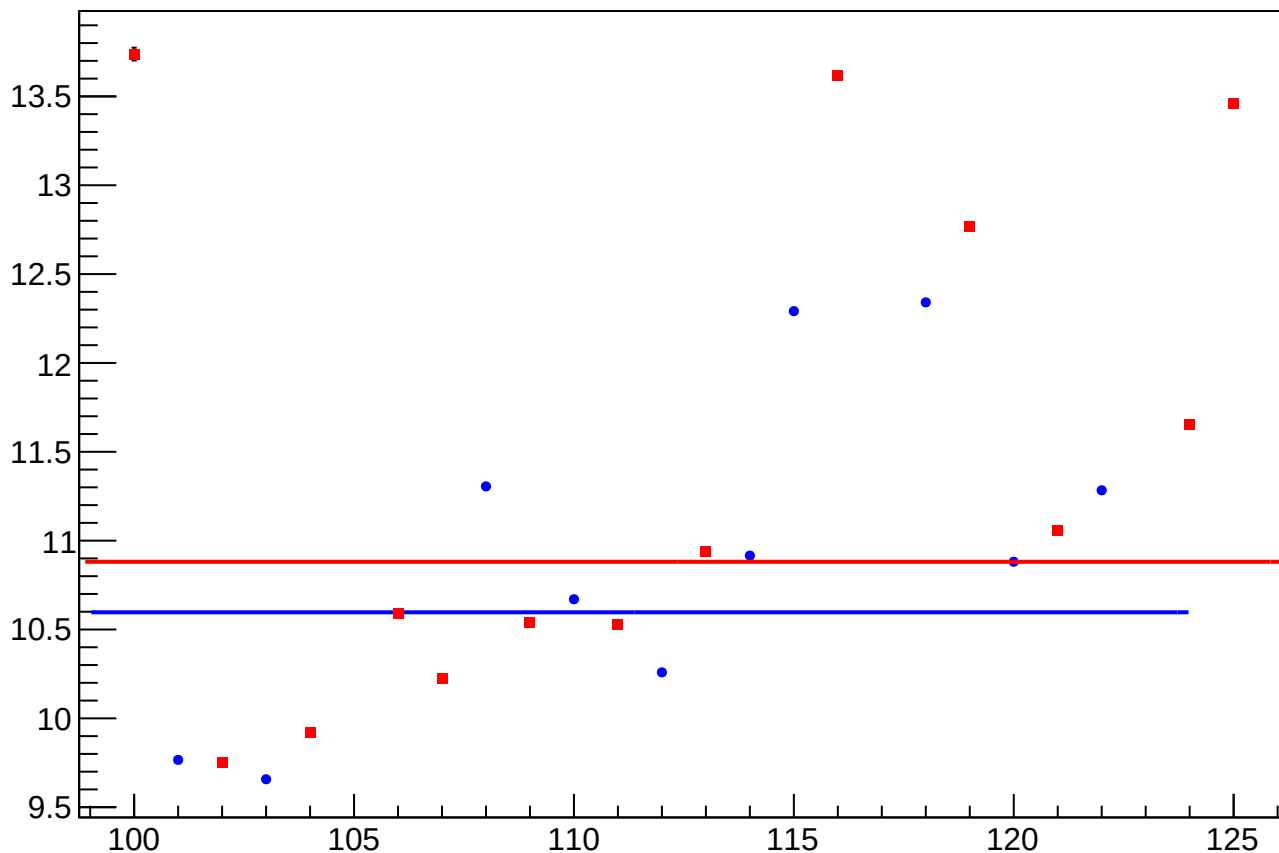
Right: -0.217 $\pm$ 3.589 χ^2/NDF : 28.2/22

In: -7.593 $\pm$ 5.279 χ^2/NDF : 10.4/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.217 $\pm$ 3.589 χ^2/NDF : 28.2/22

asym_bcm_an_us_bcm_an_ds_agg_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: 10.881+/-0.003 χ^2/NDF : 110631.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

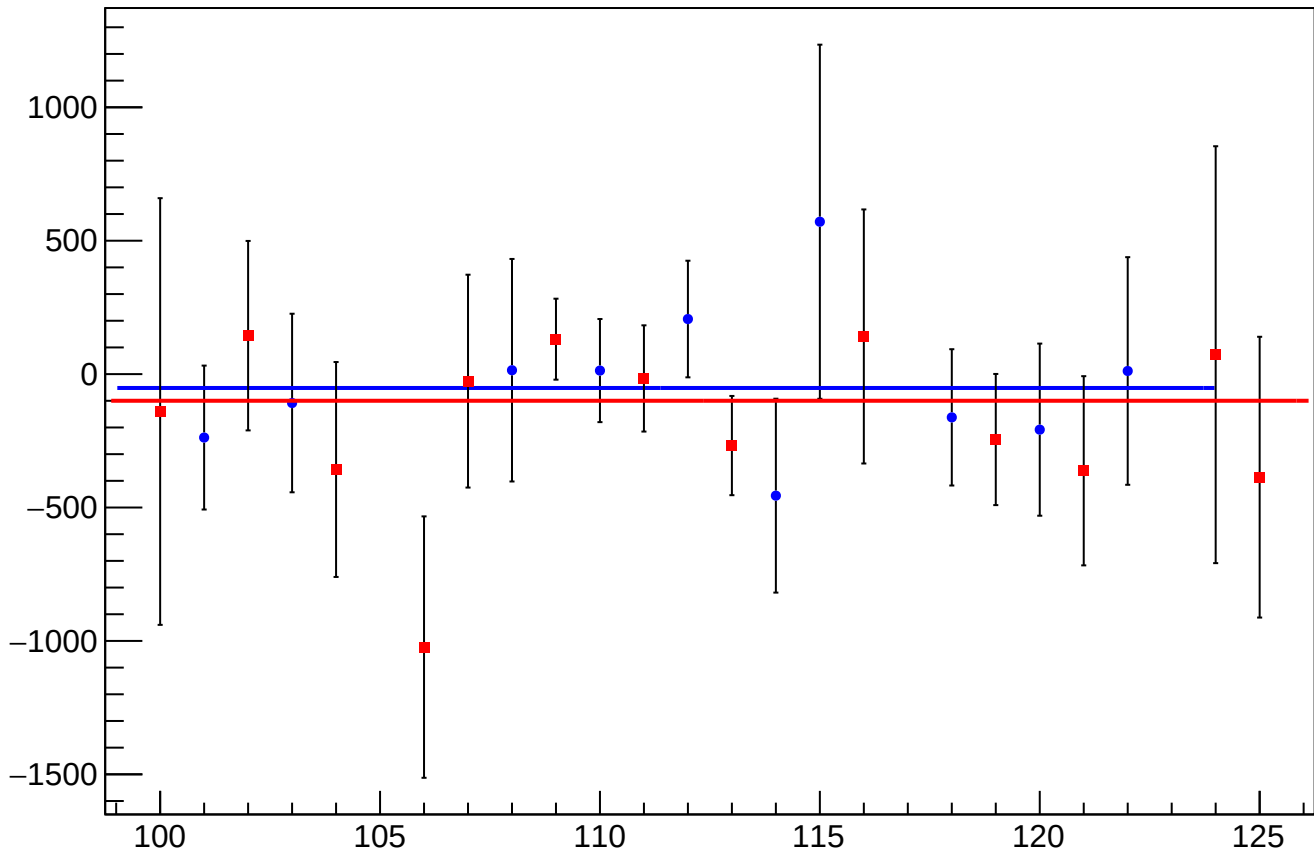
Right: 10.750+/-0.003 χ^2/NDF : 169176.0/22

In: 10.597+/-0.004 χ^2/NDF : 55423.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.750+/-0.003 χ^2/NDF : 169176.0/22

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: -99.862 ± 79.589 χ^2/NDF : 9.3/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

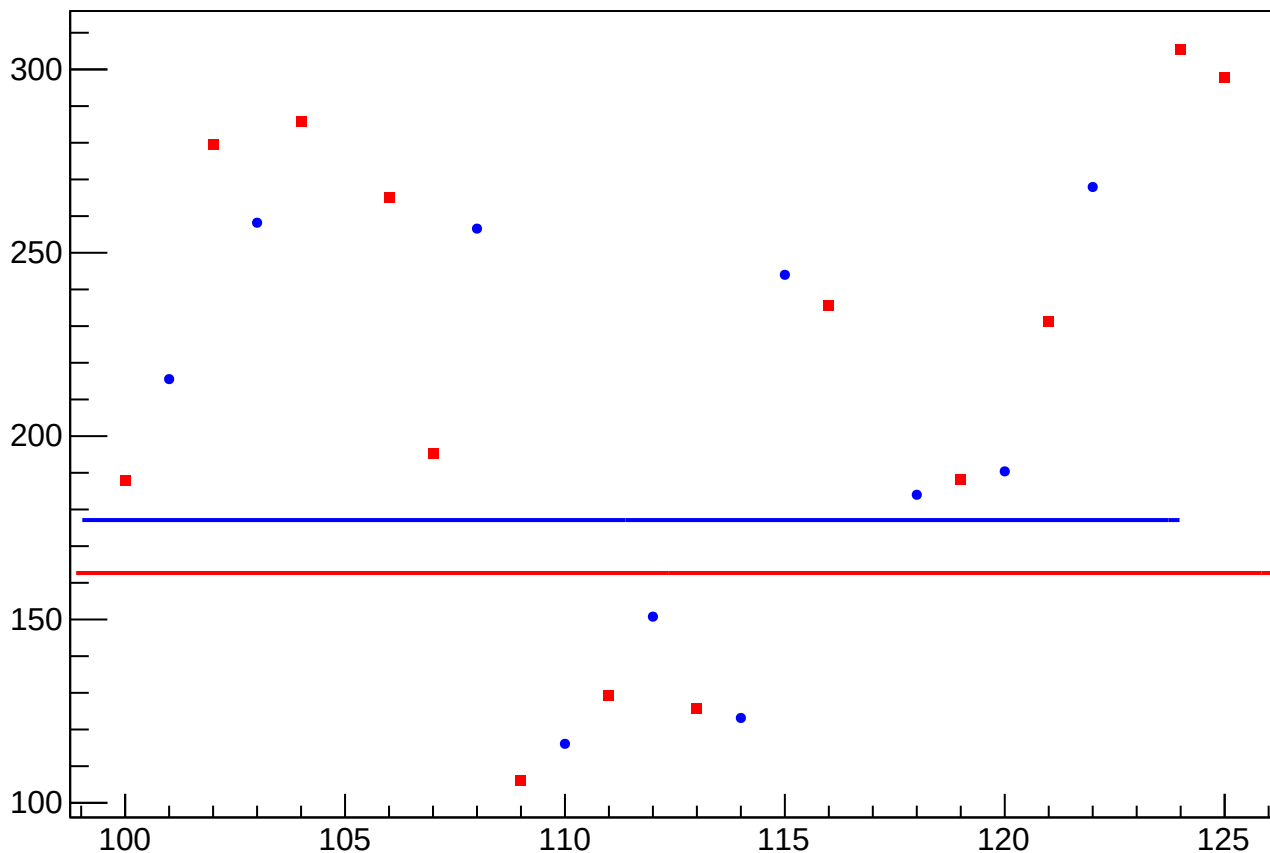
Right: -79.523 ± 60.380 χ^2/NDF : 14.0/22

In: -51.944 ± 92.677 χ^2/NDF : 4.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -79.523 ± 60.380 χ^2/NDF : 14.0/22

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: 162.682+/-0.056 χ^2/NDF : 1262090.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

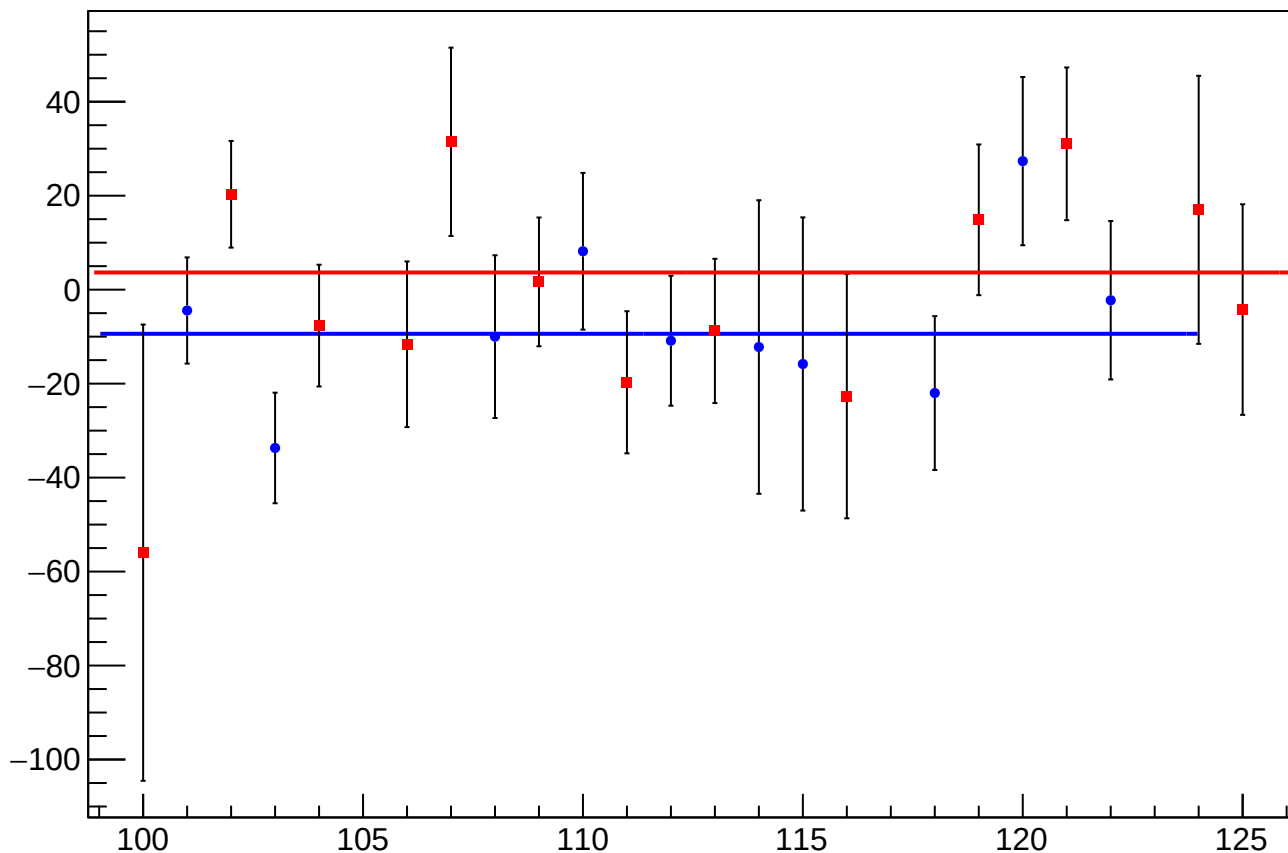
Right: 168.807+/-0.043 χ^2/NDF : 1909076.2/22

In: 177.113+/-0.066 χ^2/NDF : 619079.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.807+/-0.043 χ^2/NDF : 1909076.2/22

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -9.392 $\pm$ 5.024 χ^2/NDF : 10.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 3.657 $\pm$ 4.654 χ^2/NDF : 14.9/12

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

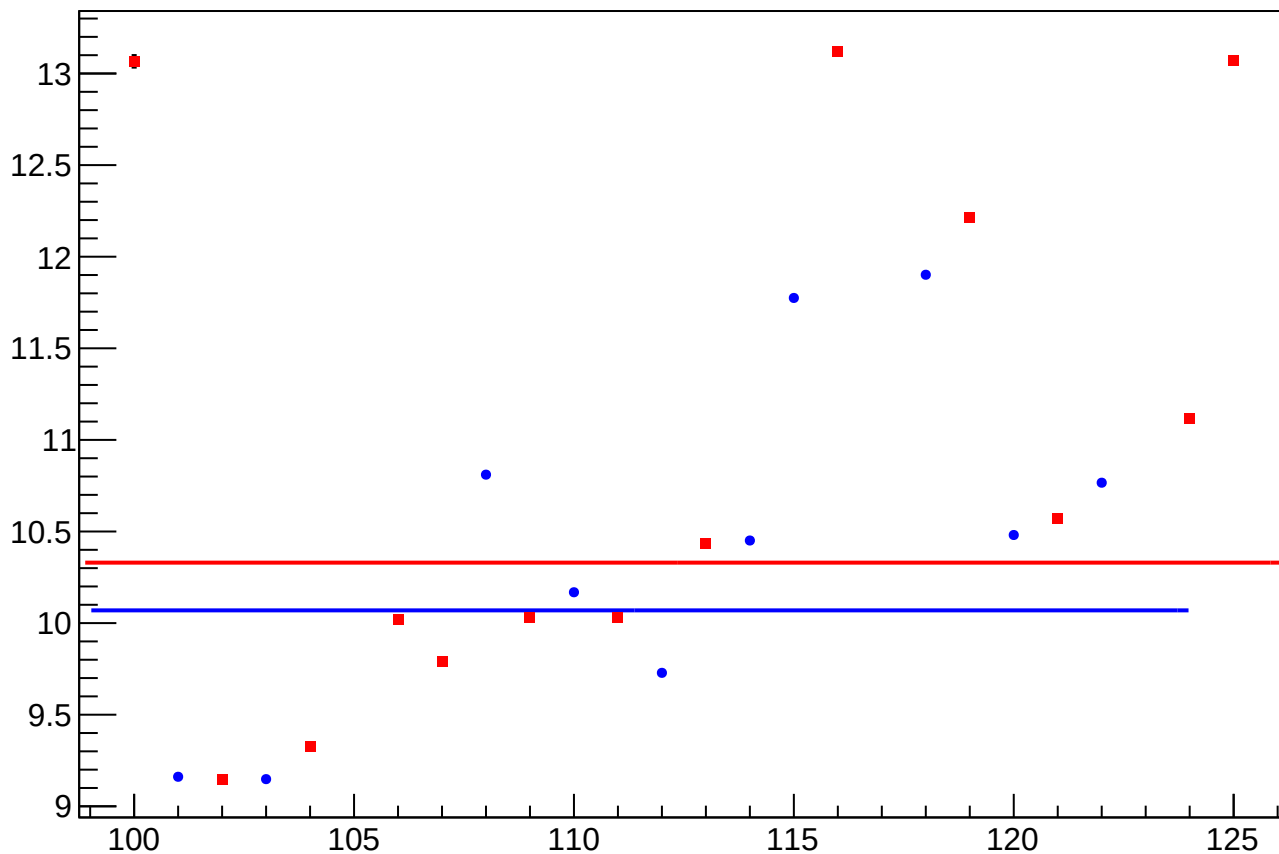
Right: -2.370 $\pm$ 3.414 χ^2/NDF : 29.1/22

In: -9.392 $\pm$ 5.024 χ^2/NDF : 10.6/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -2.370 $\pm$ 3.414 χ^2/NDF : 29.1/22

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: 10.330+/-0.003 χ^2/NDF : 126582.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

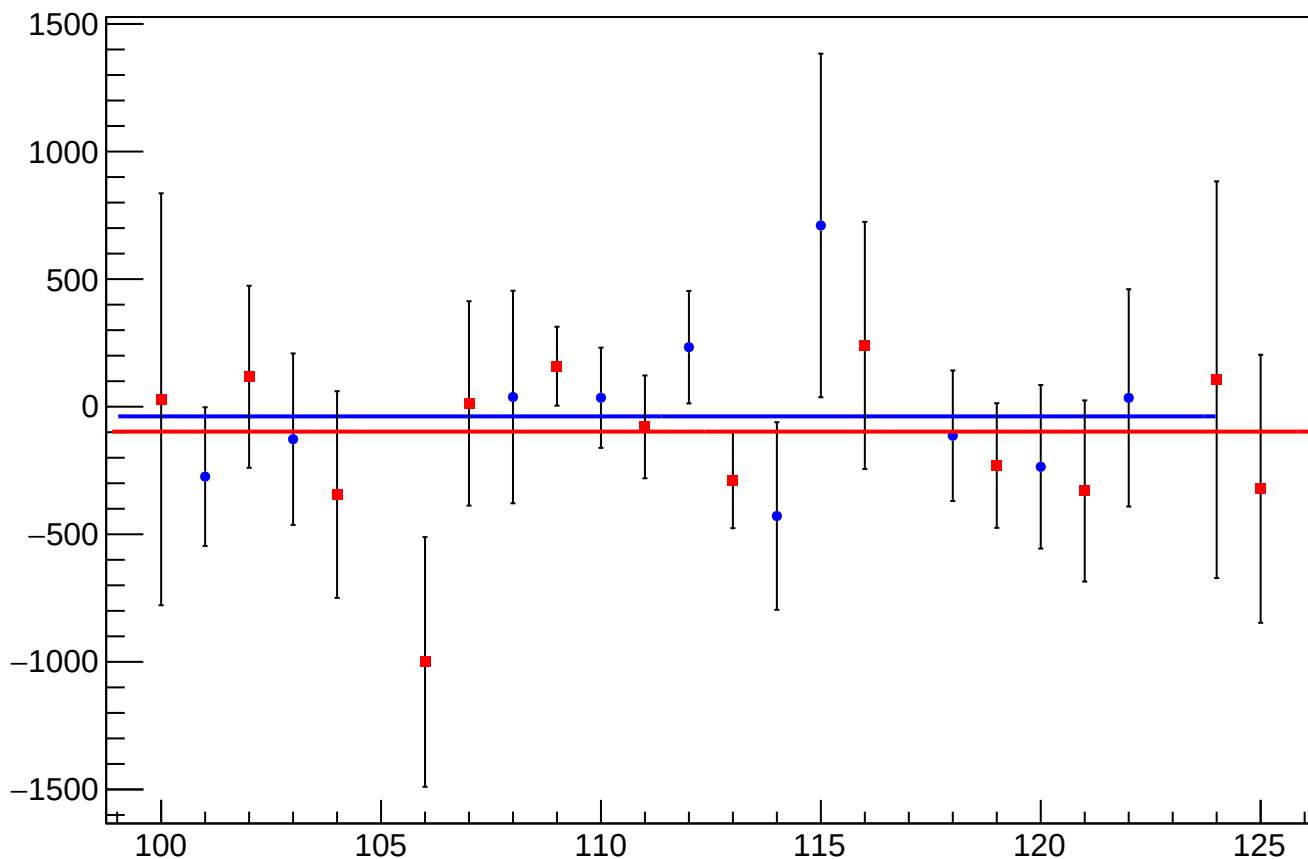
Right: 10.210+/-0.002 χ^2/NDF : 195401.3/22

In: 10.069+/-0.004 χ^2/NDF : 65923.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.210+/-0.002 χ^2/NDF : 195401.3/22

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: -97.631+/-80.372 χ^2/NDF : 9.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

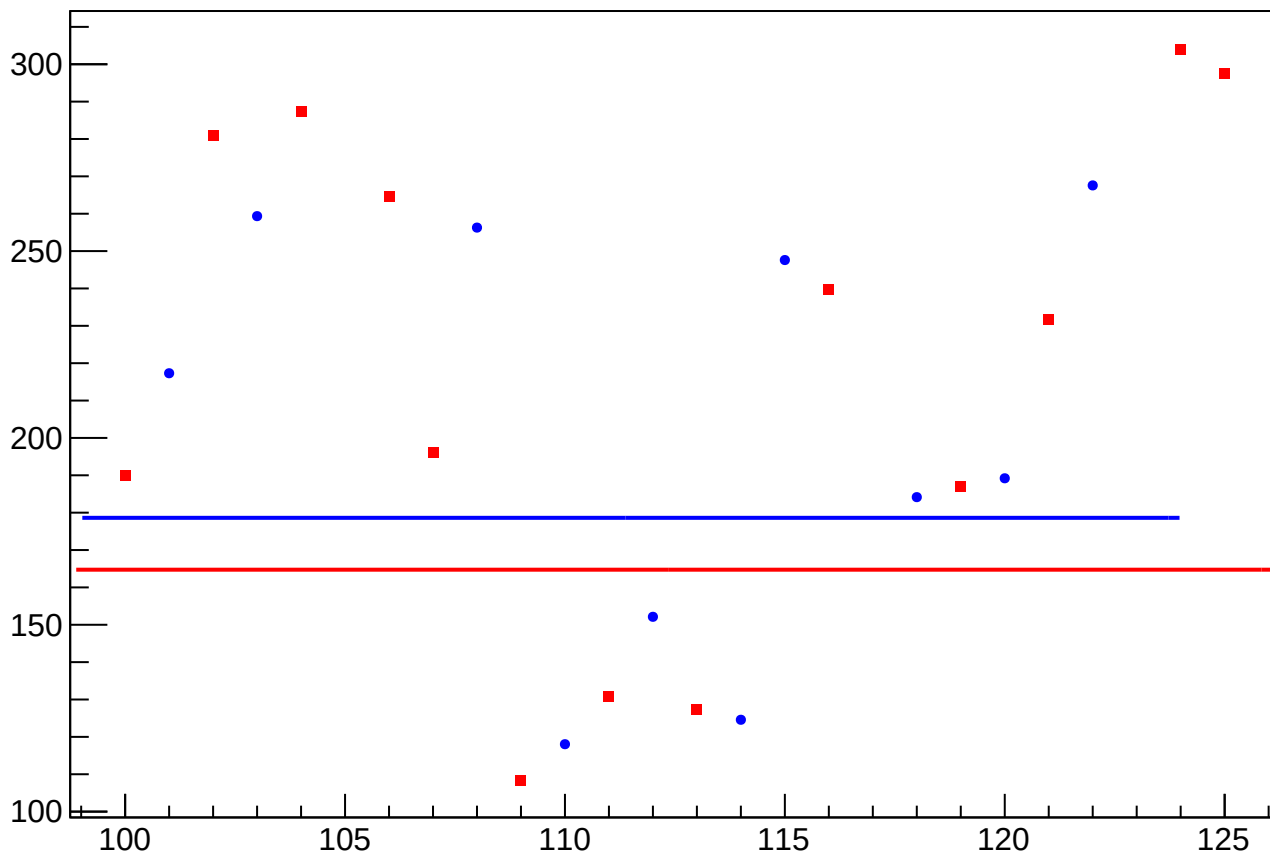
Right: -72.176+/-60.899 χ^2/NDF : 15.1/22

In: -37.858+/-93.320 χ^2/NDF : 5.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -72.176+/-60.899 χ^2/NDF : 15.1/22

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: 164.739+/-0.057 χ^2/NDF : 1222540.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

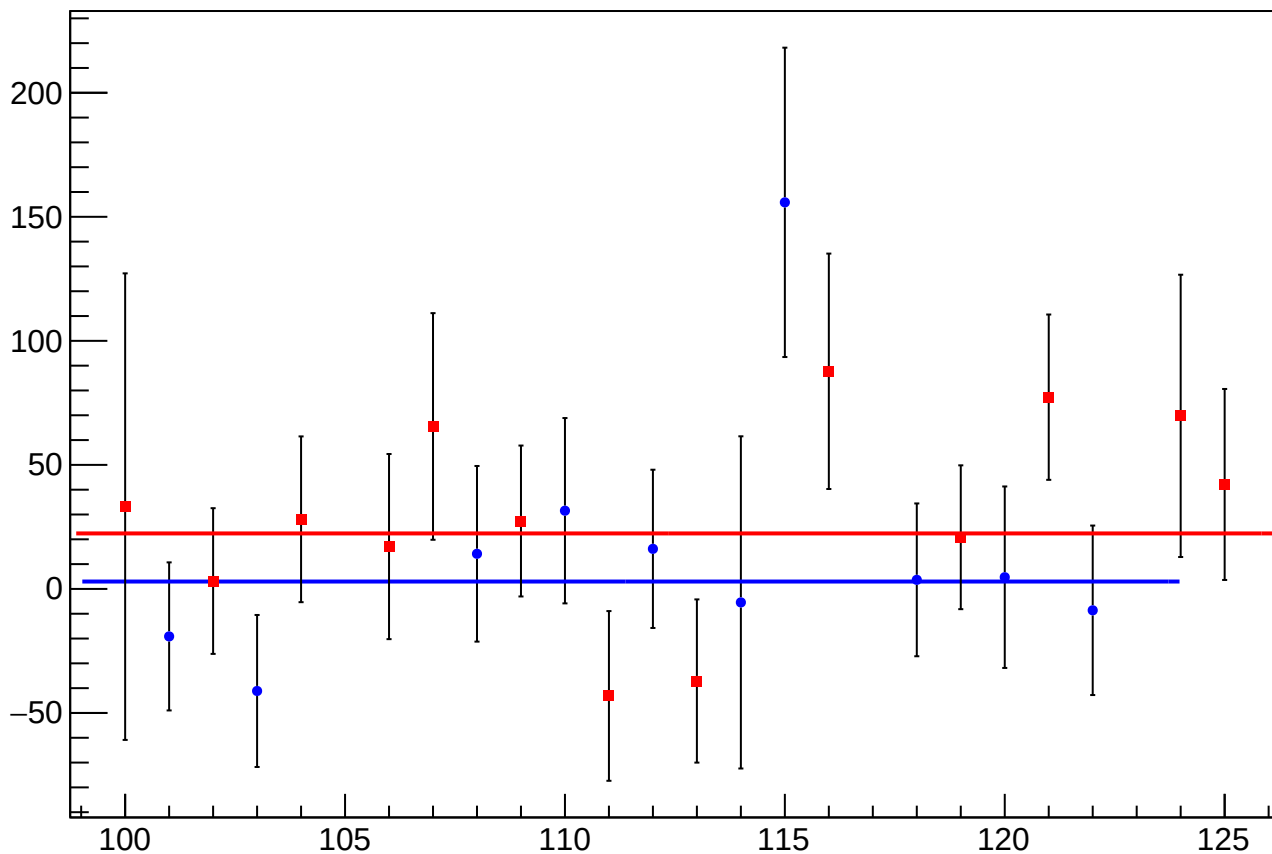
Right: 170.650+/-0.043 χ^2/NDF : 1847319.3/22

In: 178.620+/-0.066 χ^2/NDF : 599372.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.650+/-0.043 χ^2/NDF : 1847319.3/22

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: 22.373+/-10.130 χ^2/NDF : 13.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

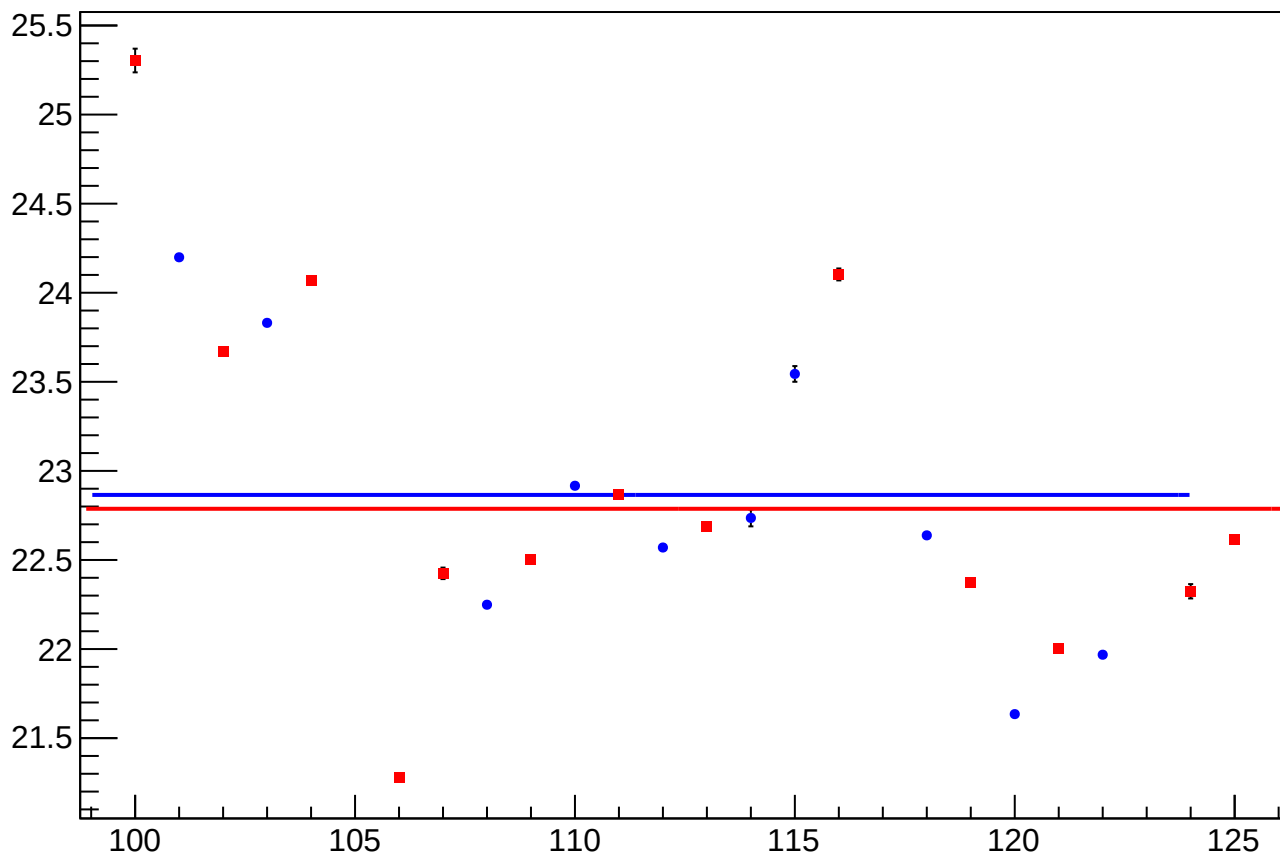
Right: 13.736+/-7.544 χ^2/NDF : 25.2/22

In: 2.981+/-11.305 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.736+/-7.544 χ^2/NDF : 25.2/22

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: 22.787+/-0.007 χ^2/NDF : 12985.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

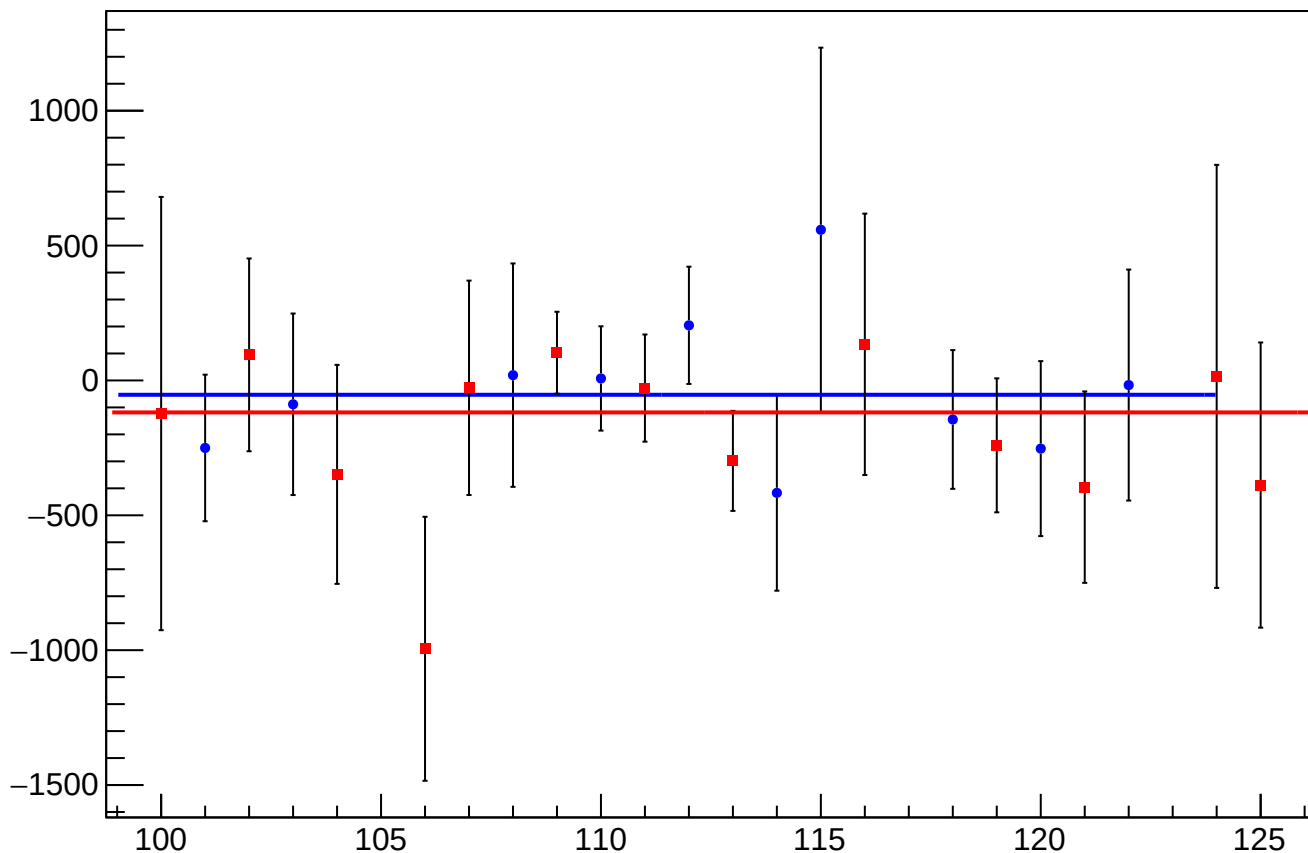
Right: 22.822+/-0.005 χ^2/NDF : 23797.7/22

In: 22.865+/-0.008 χ^2/NDF :10759.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22.822+/-0.005 χ^2/NDF : 23797.7/22

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: -118.535+/-79.713 χ^2/NDF : 8.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

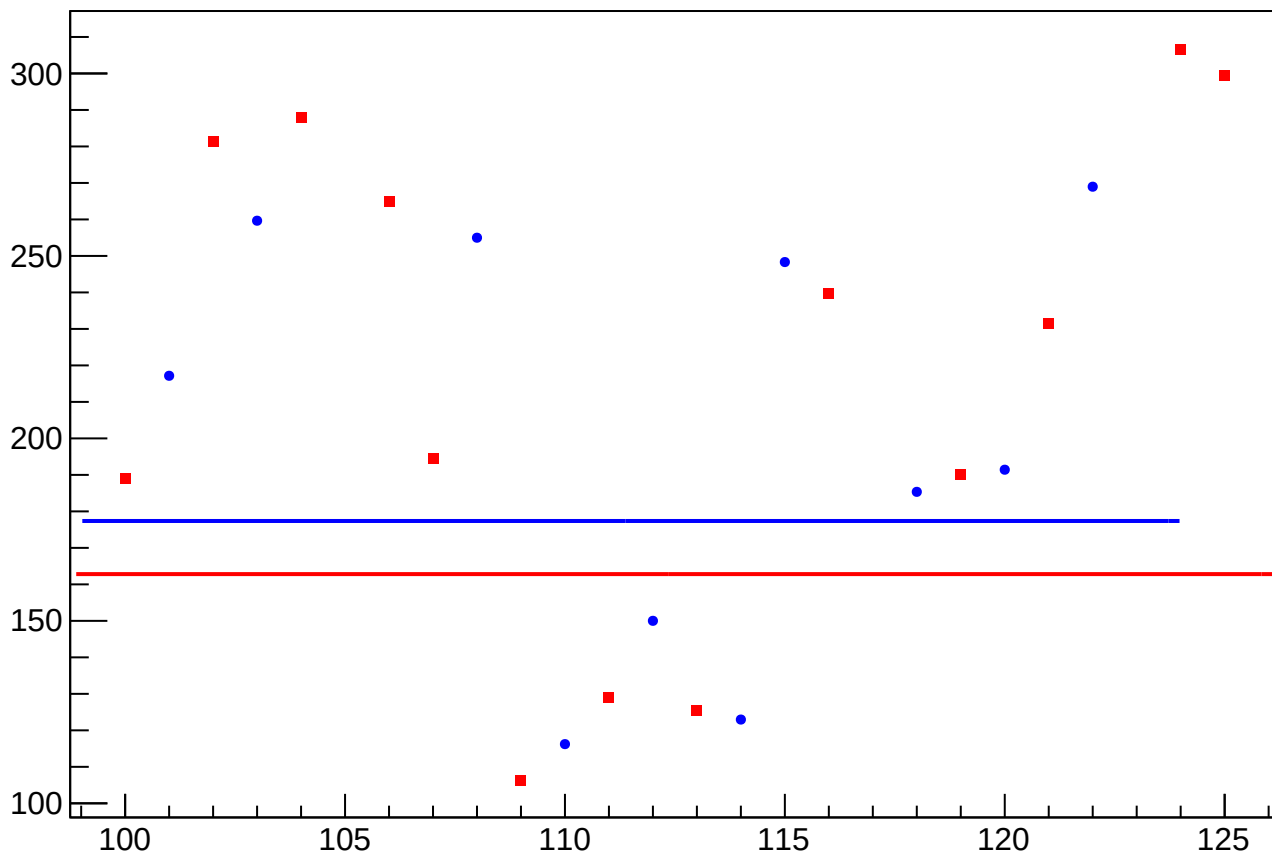
Right: -90.778+/-60.483 χ^2/NDF : 13.3/22

In: -53.116+/-92.853 χ^2/NDF :4.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -90.778+/-60.483 χ^2/NDF : 13.3/22

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: 162.814+/-0.056 χ^2/NDF : 1280011.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

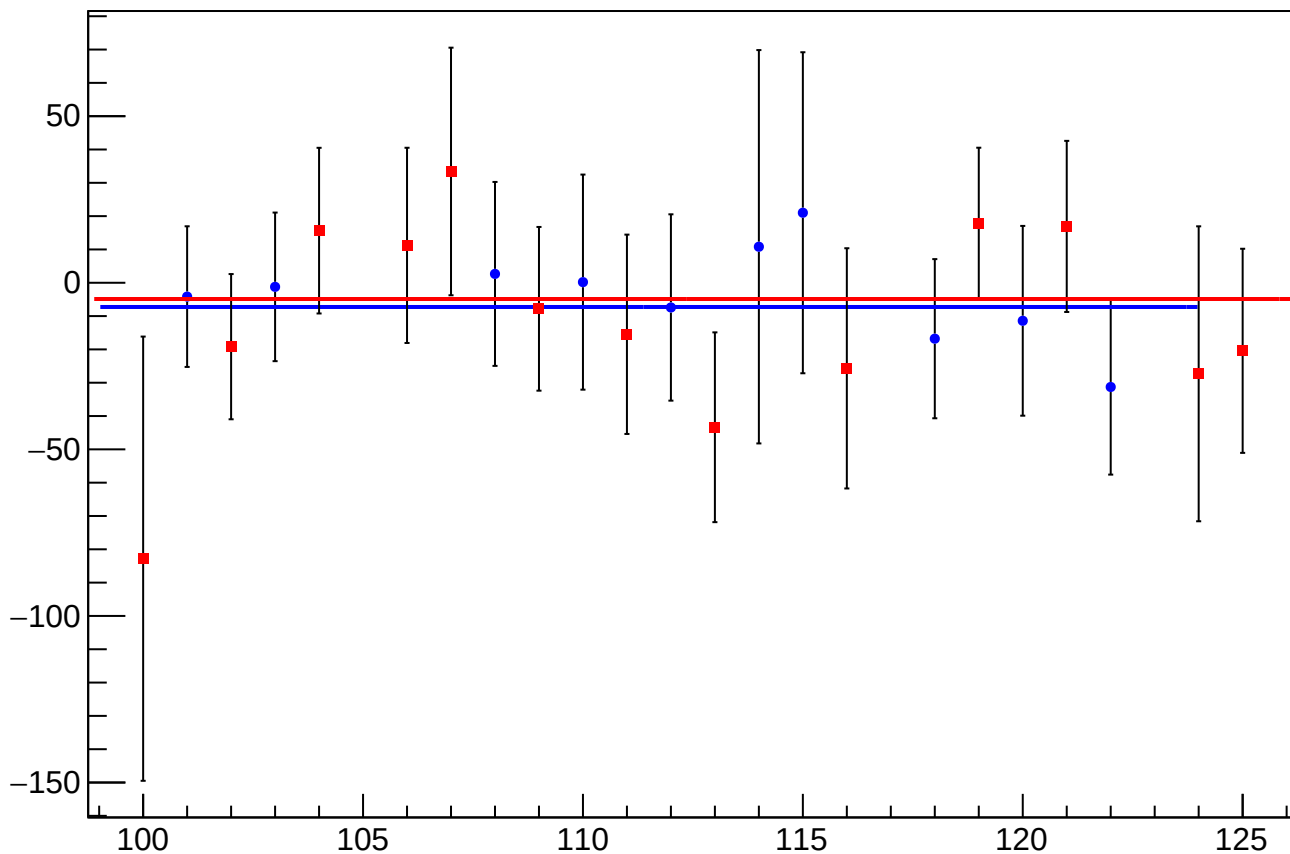
Right: 168.990+/-0.043 χ^2/NDF : 1937034.5/22

In: 177.370+/-0.066 χ^2/NDF : 628726.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.990+/-0.043 χ^2/NDF : 1937034.5/22

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: -4.872+/-8.001 χ^2/NDF : 8.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

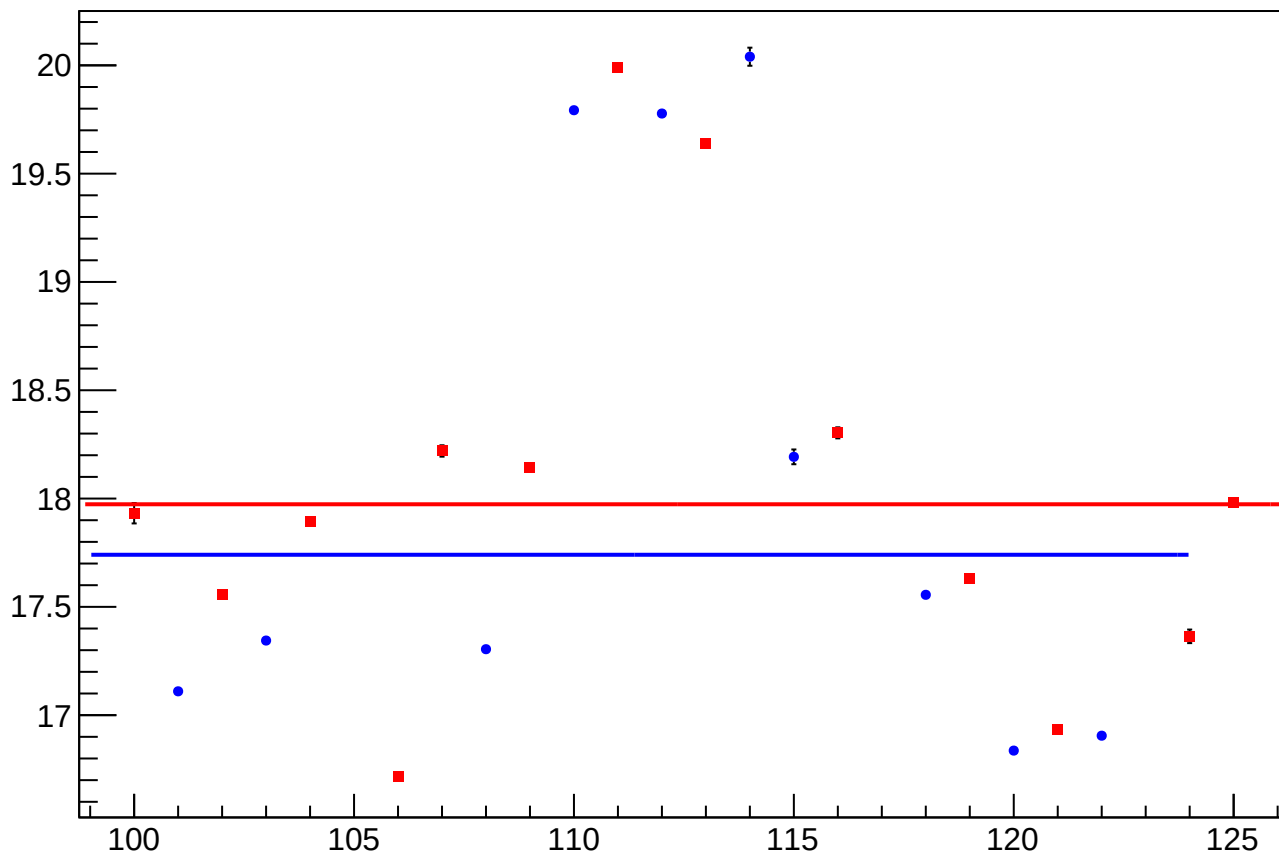
Right: -5.959+/-5.916 χ^2/NDF : 10.1/22

In: -7.269+/-8.786 χ^2/NDF : 1.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.959+/-5.916 χ^2/NDF : 10.1/22

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: 17.974+/-0.006 χ^2/NDF : 24806.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

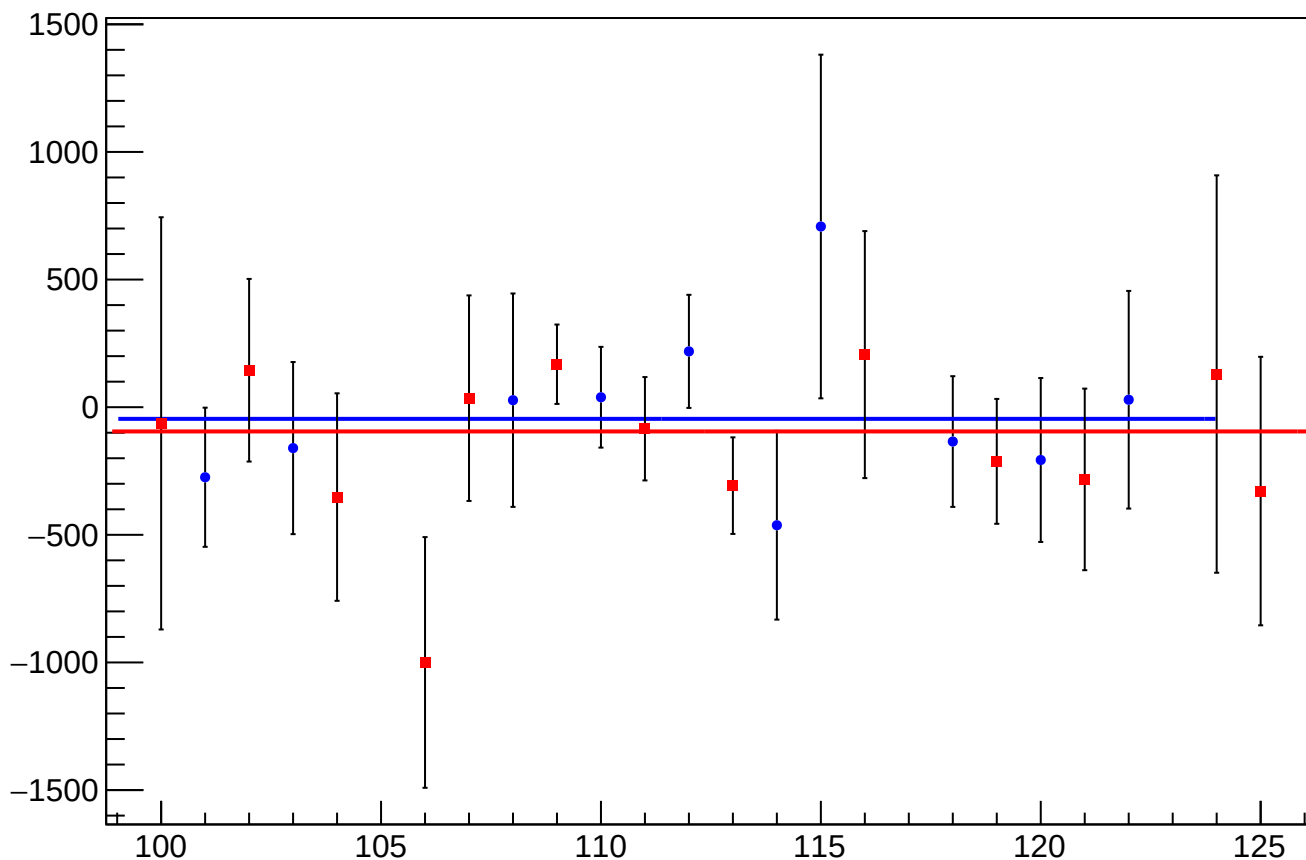
Right: 17.868+/-0.004 χ^2/NDF : 54551.7/22

In: 17.740+/-0.006 χ^2/NDF : 28975.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.868+/-0.004 χ^2/NDF : 54551.7/22

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: -95.009+/-80.701 χ^2/NDF : 9.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

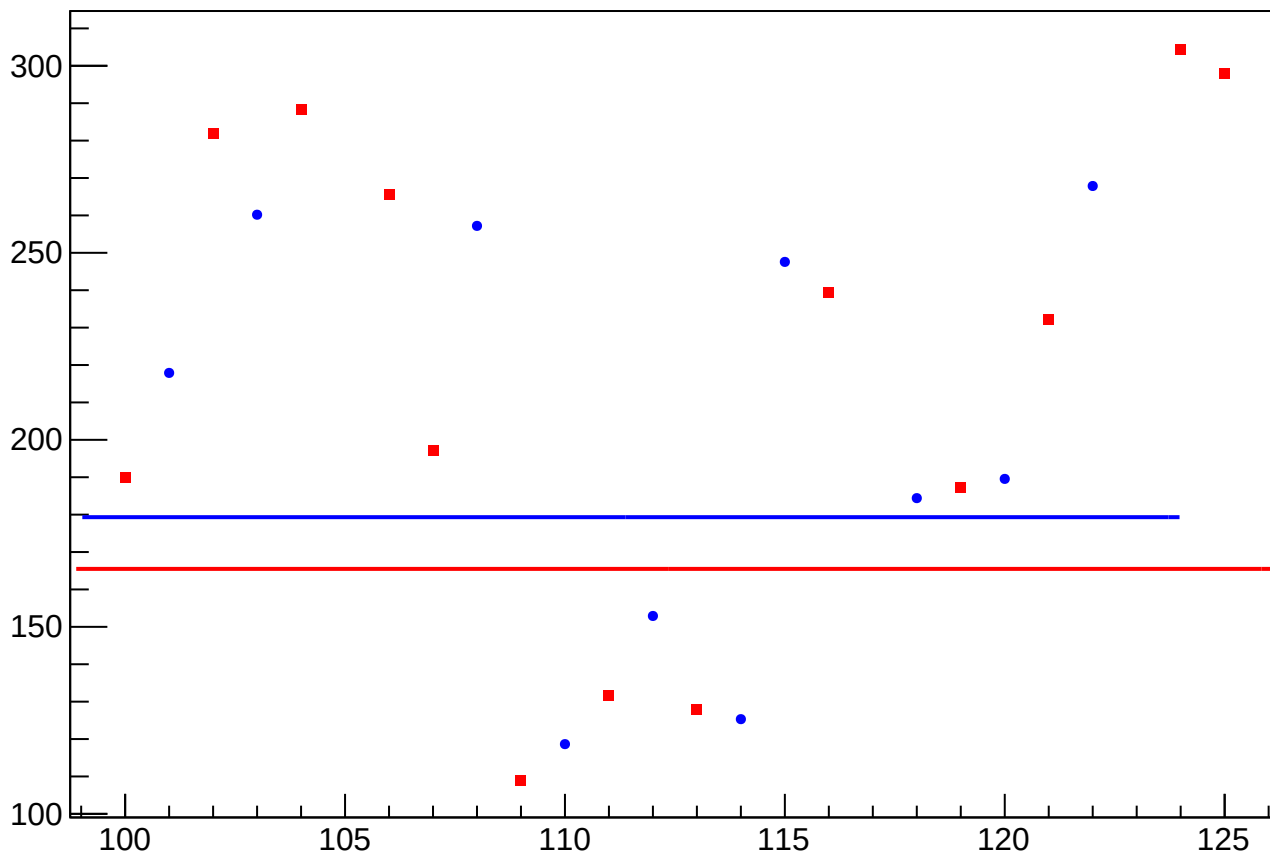
Right: -73.985+/-61.136 χ^2/NDF : 15.2/22

In: -45.669+/-93.655 χ^2/NDF : 5.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -73.985+/-61.136 χ^2/NDF : 15.2/22

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: 165.495+/-0.057 χ^2/NDF : 1214490.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

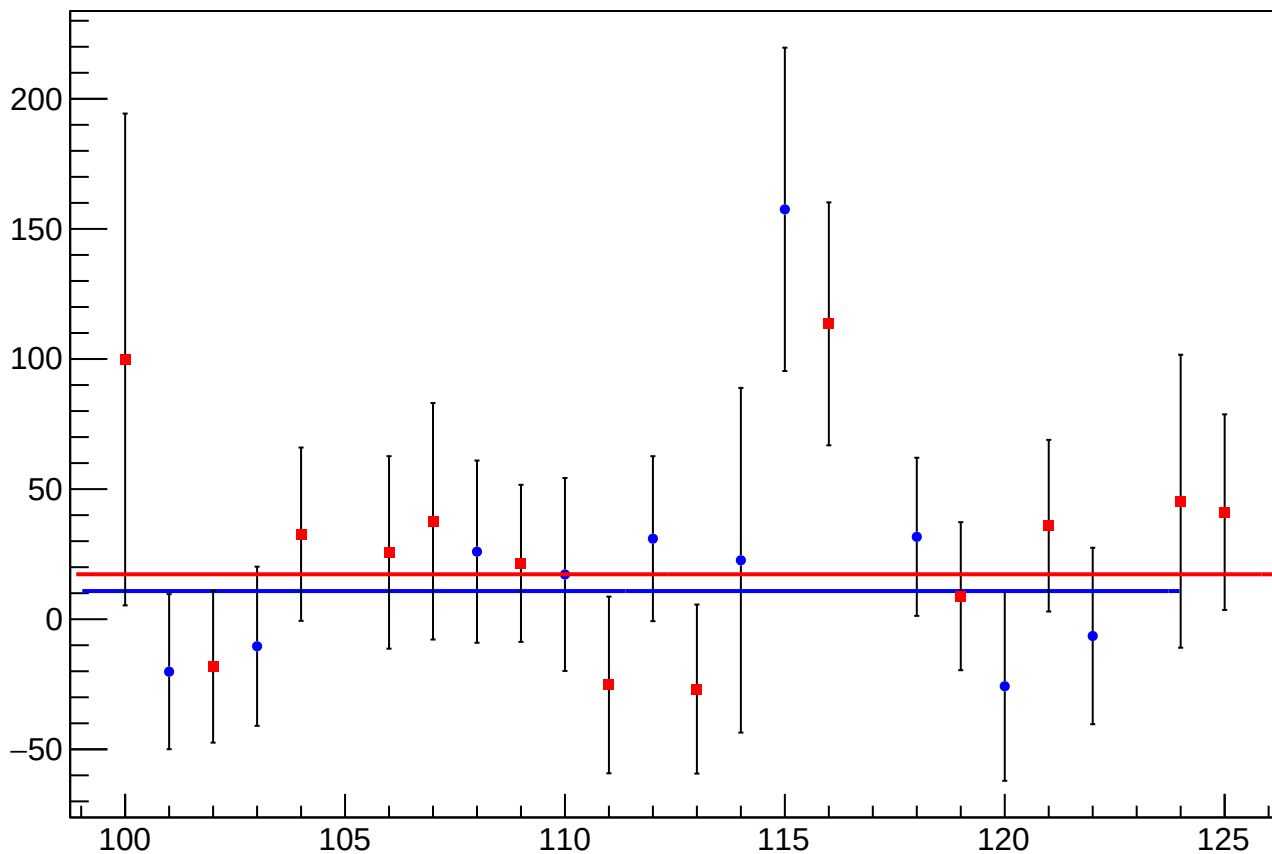
Right: 171.387+/-0.043 χ^2/NDF : 1833849.5/22

In: 179.322+/-0.066 χ^2/NDF : 594340.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.387+/-0.043 χ^2/NDF : 1833849.5/22

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: 17.274+/-10.024 χ^2/NDF : 11.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

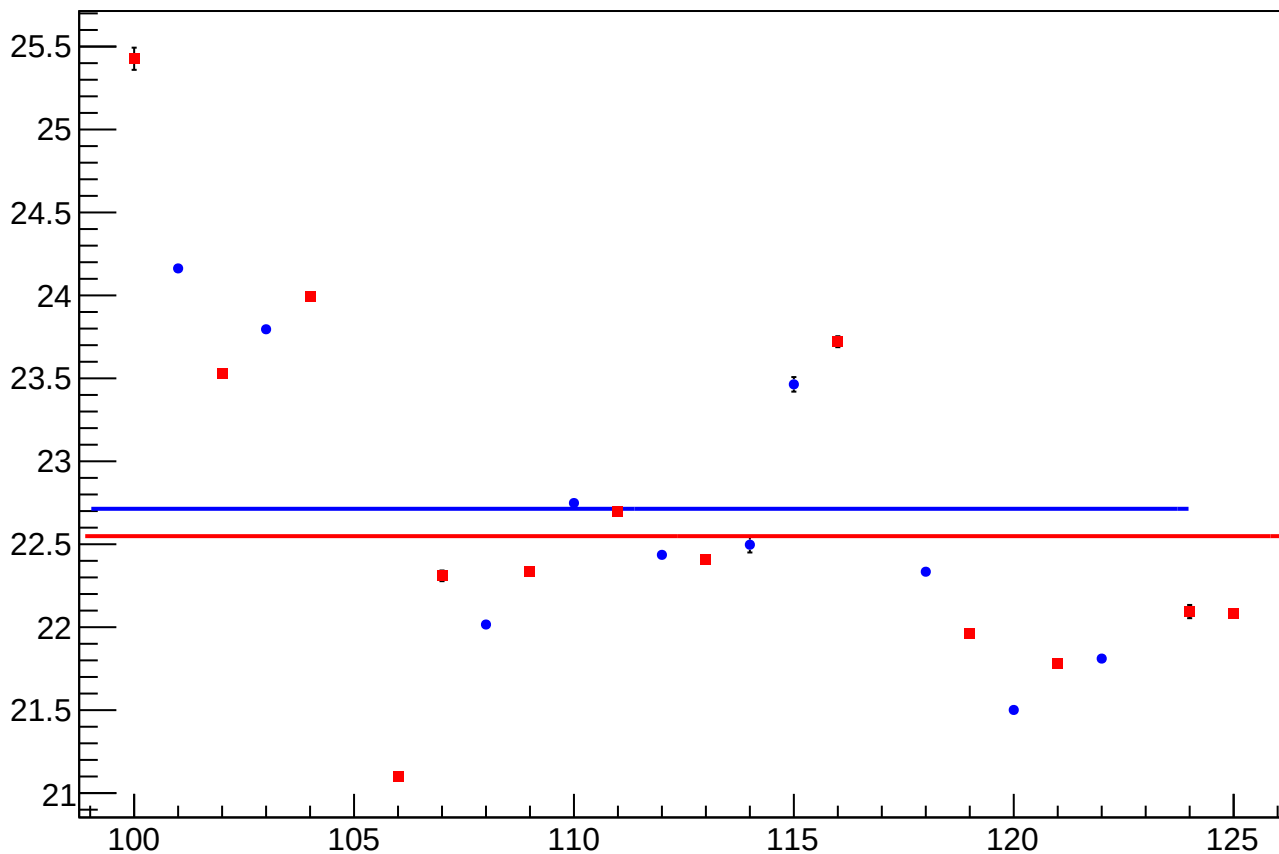
Right: 14.414+/-7.478 χ^2/NDF : 21.2/22

In: 10.823+/-11.230 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.414+/-7.478 χ^2/NDF : 21.2/22

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: 22.549+/-0.007 χ^2/NDF : 14793.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

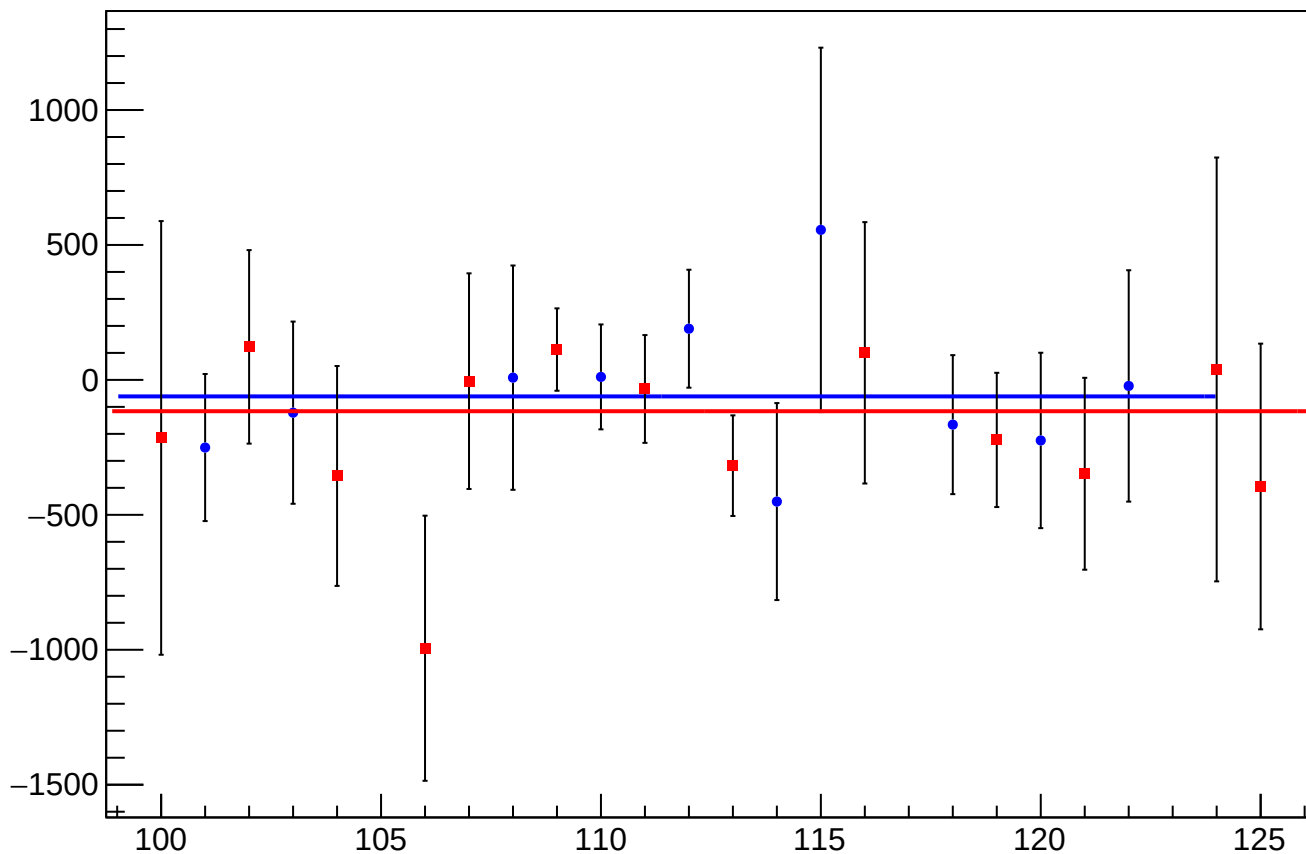
Right: 22.622+/-0.005 χ^2/NDF : 27483.5/22

In: 22.714+/-0.008 χ^2/NDF :12449.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22.622+/-0.005 χ^2/NDF : 27483.5/22

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: -116.040 ± 80.046 χ^2/NDF : 8.8/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

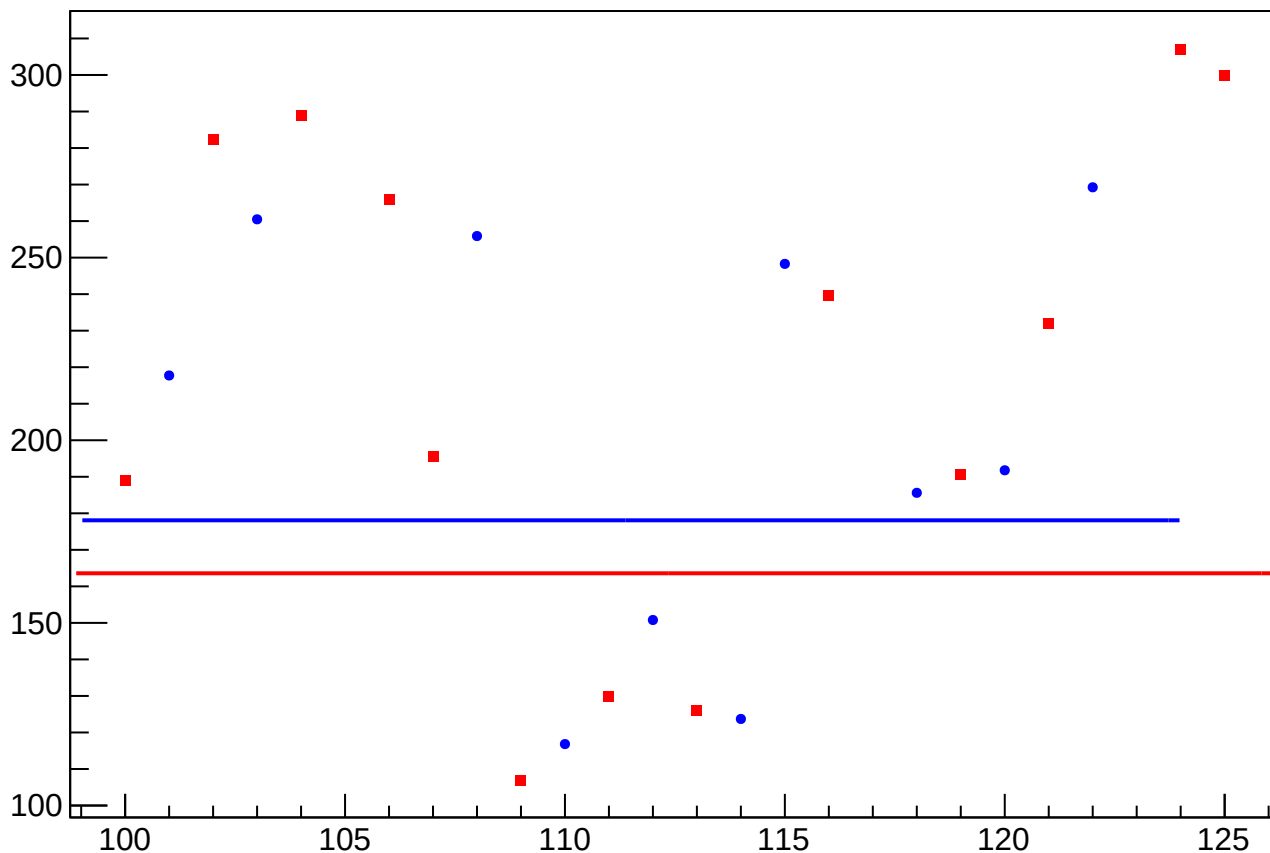
Right: -92.734 ± 60.722 χ^2/NDF : 13.4/22

In: -61.144 ± 93.192 χ^2/NDF : 4.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -92.734 ± 60.722 χ^2/NDF : 13.4/22

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: 163.581+/-0.057 χ^2/NDF : 1271442.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

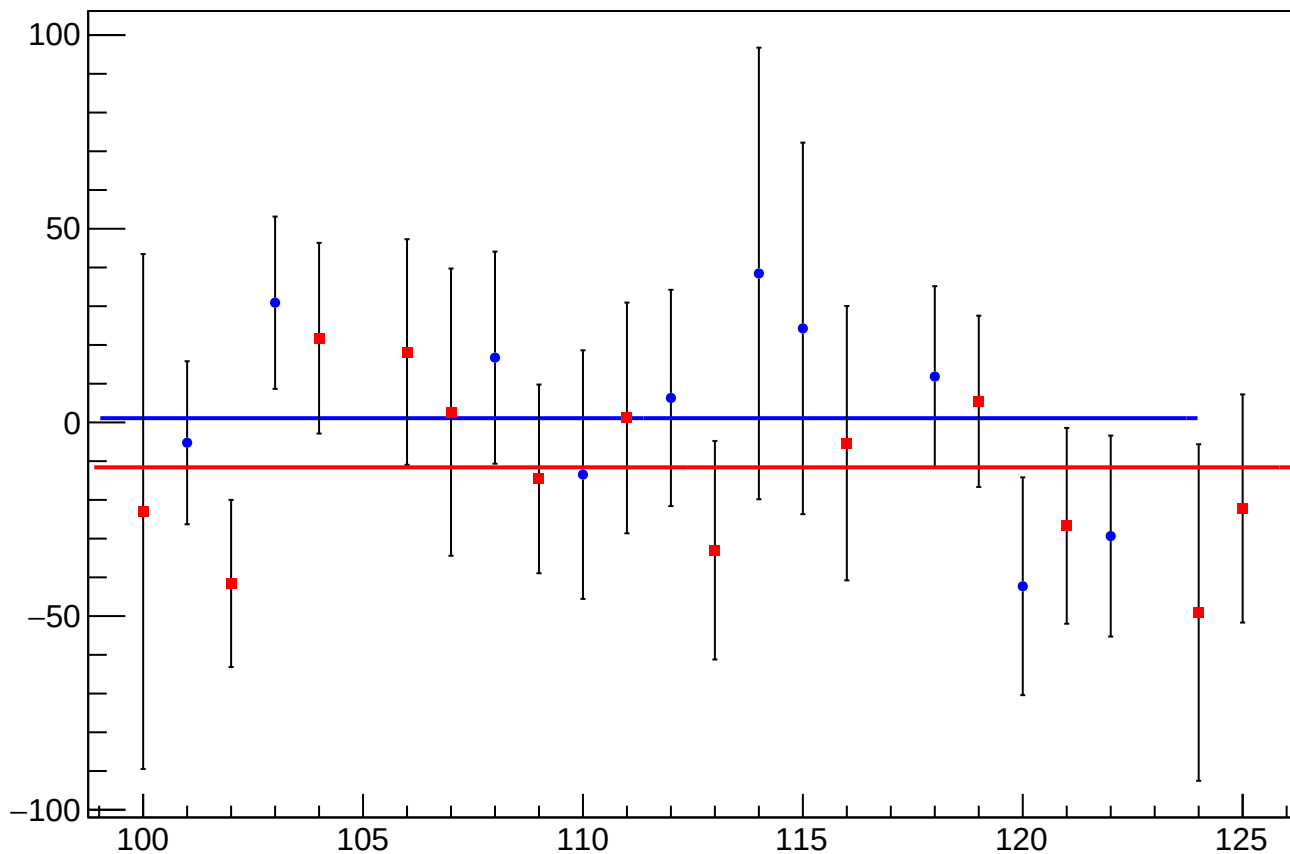
Right: 169.738+/-0.043 χ^2/NDF : 1922608.8/22

In: 178.083+/-0.066 χ^2/NDF :623295.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 169.738+/-0.043 χ^2/NDF : 1922608.8/22

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: -11.594 +/- 7.883 χ^2/NDF : 7.6/12

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

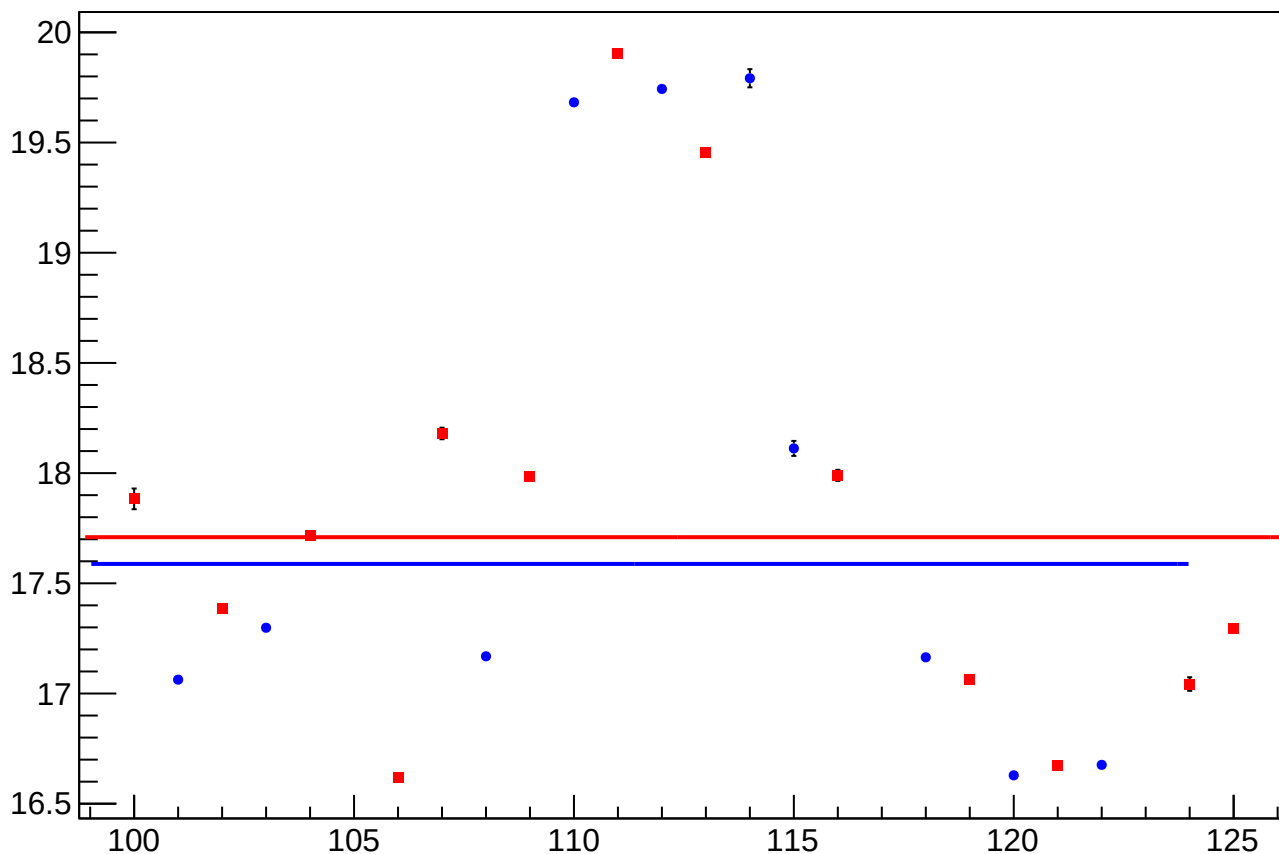
Right: -5.880 +/- 5.844 χ^2/NDF : 15.9/22

In: 1.095 +/- 8.709 χ^2/NDF : 7.1/9

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -5.880 +/- 5.844 χ^2/NDF : 15.9/22

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: 17.709+/-0.006 χ^2/NDF : 28417.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

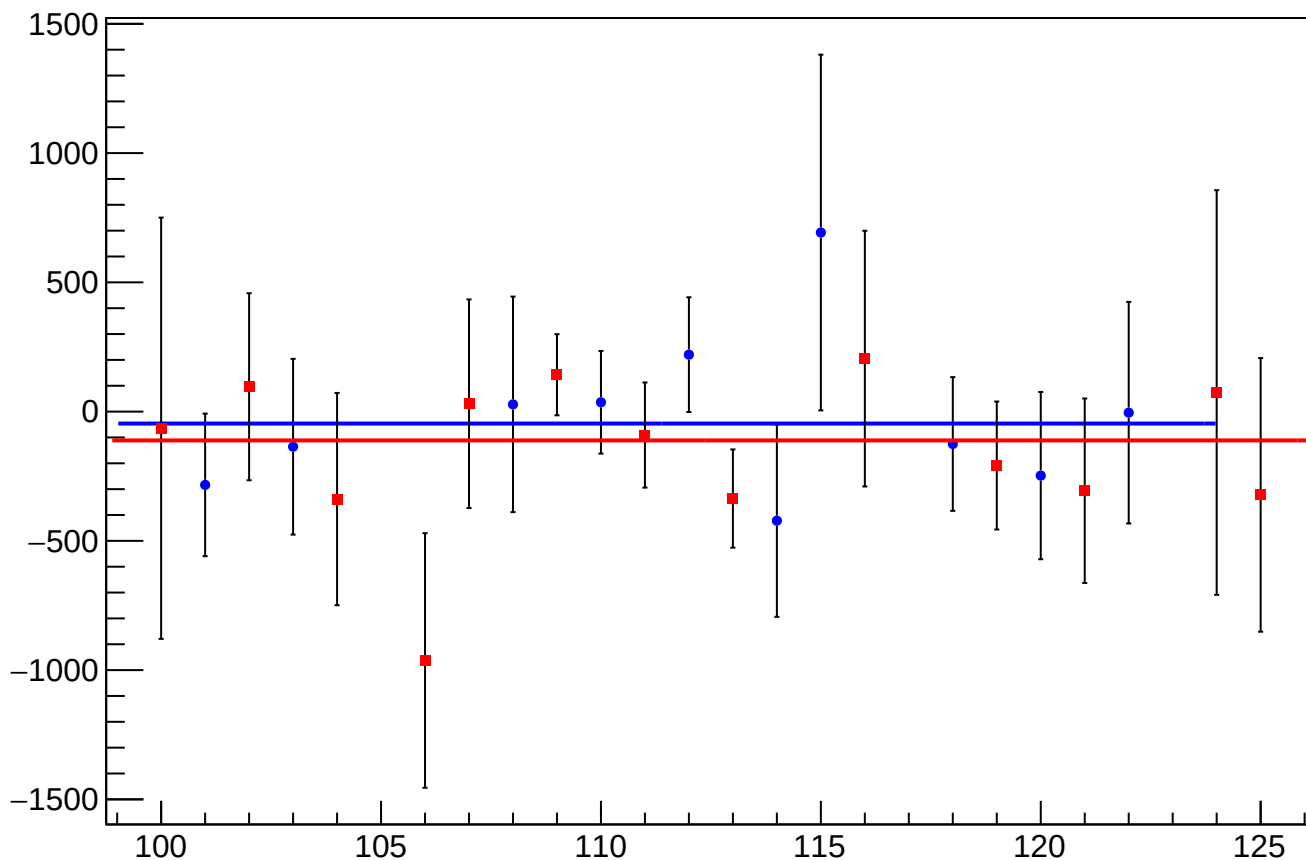
Right: 17.655+/-0.004 χ^2/NDF : 59682.2/22

In: 17.588+/-0.006 χ^2/NDF : 31050.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.655+/-0.004 χ^2/NDF : 59682.2/22

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: -111.461+/-81.292 χ^2/NDF : 8.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

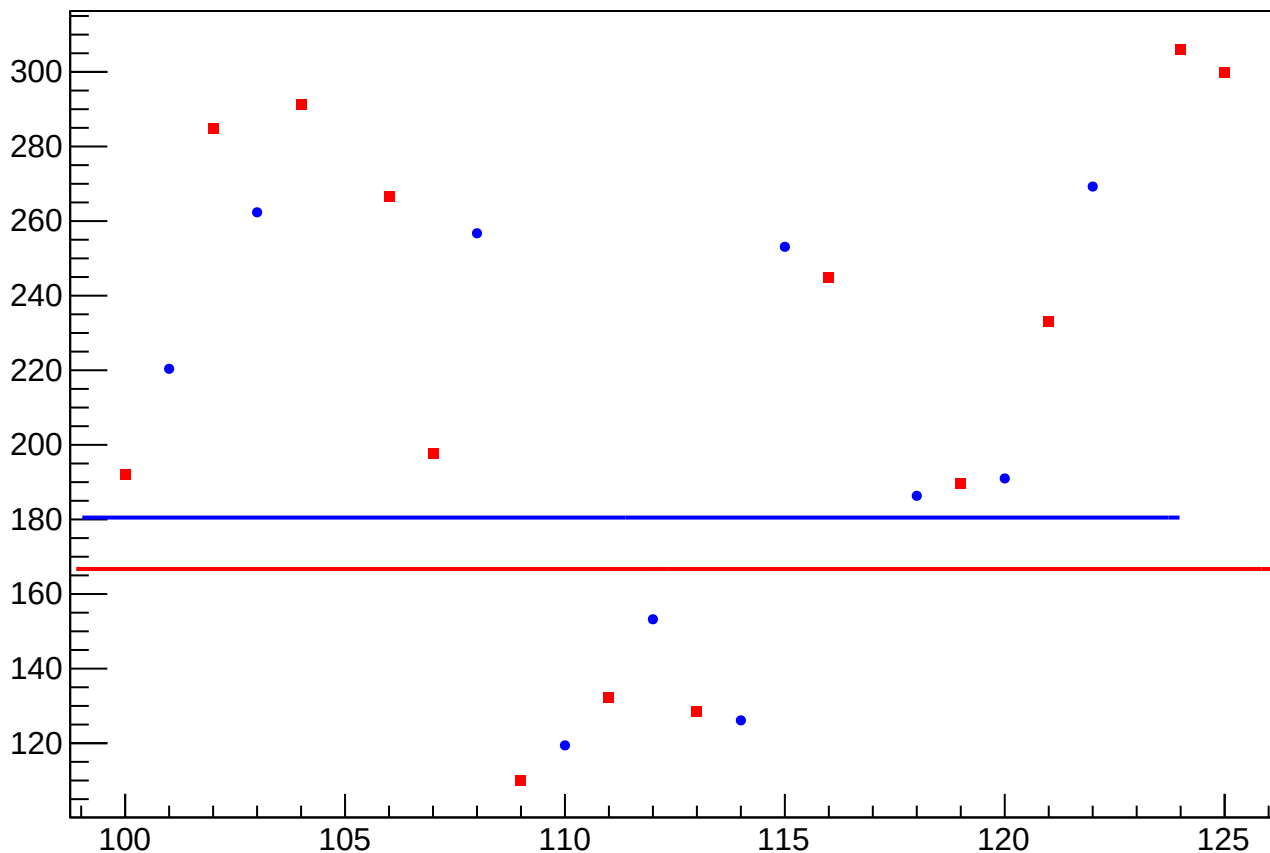
Right: -83.647+/-61.565 χ^2/NDF : 14.3/22

In: -46.238+/-94.276 χ^2/NDF : 5.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -83.647+/-61.565 χ^2/NDF : 14.3/22

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: 166.723+/-0.057 χ^2/NDF : 1219079.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

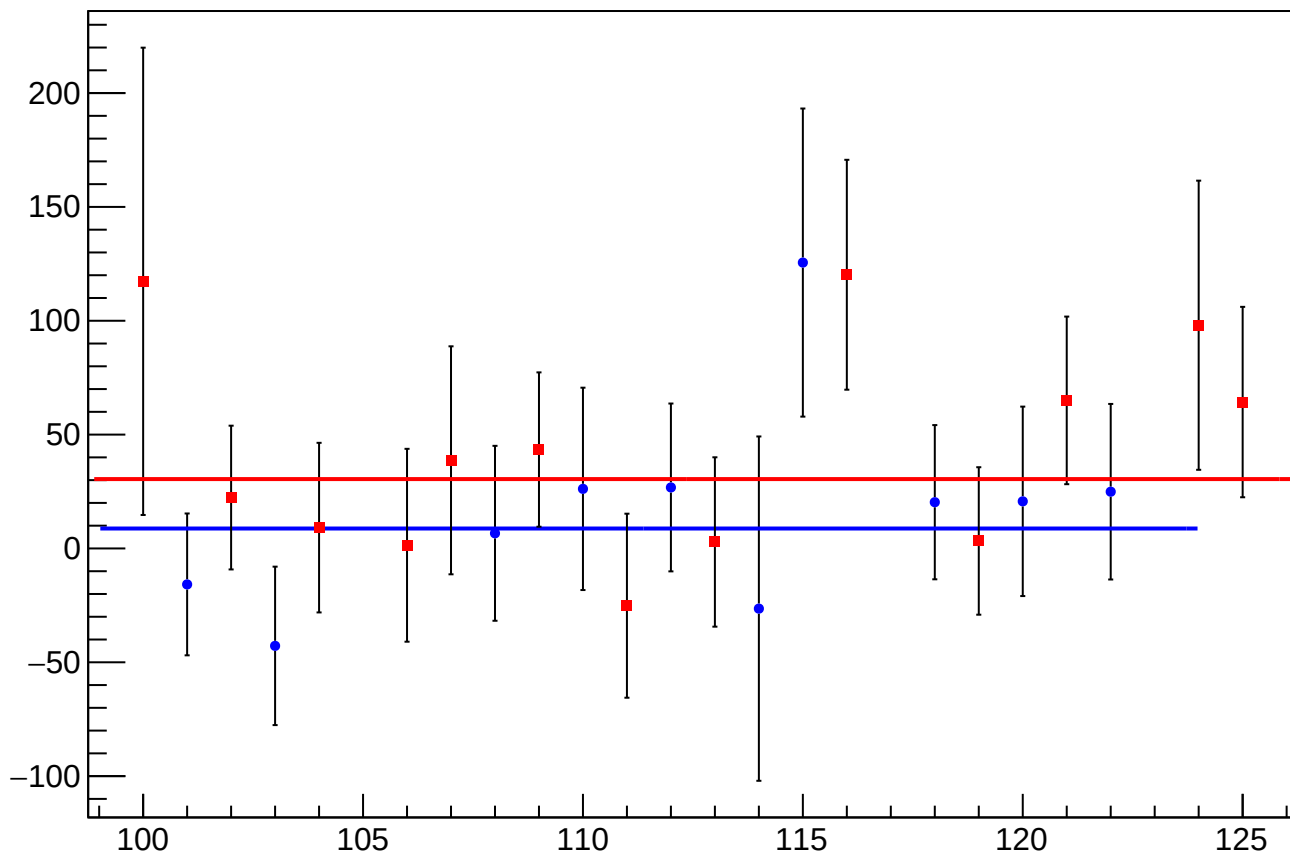
Right: 172.600+/-0.044 χ^2/NDF : 1841649.0/22

In: 180.505+/-0.067 χ^2/NDF :598055.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 172.600+/-0.044 χ^2/NDF : 1841649.0/22

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: 30.467+/-11.261 χ^2/NDF : 10.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

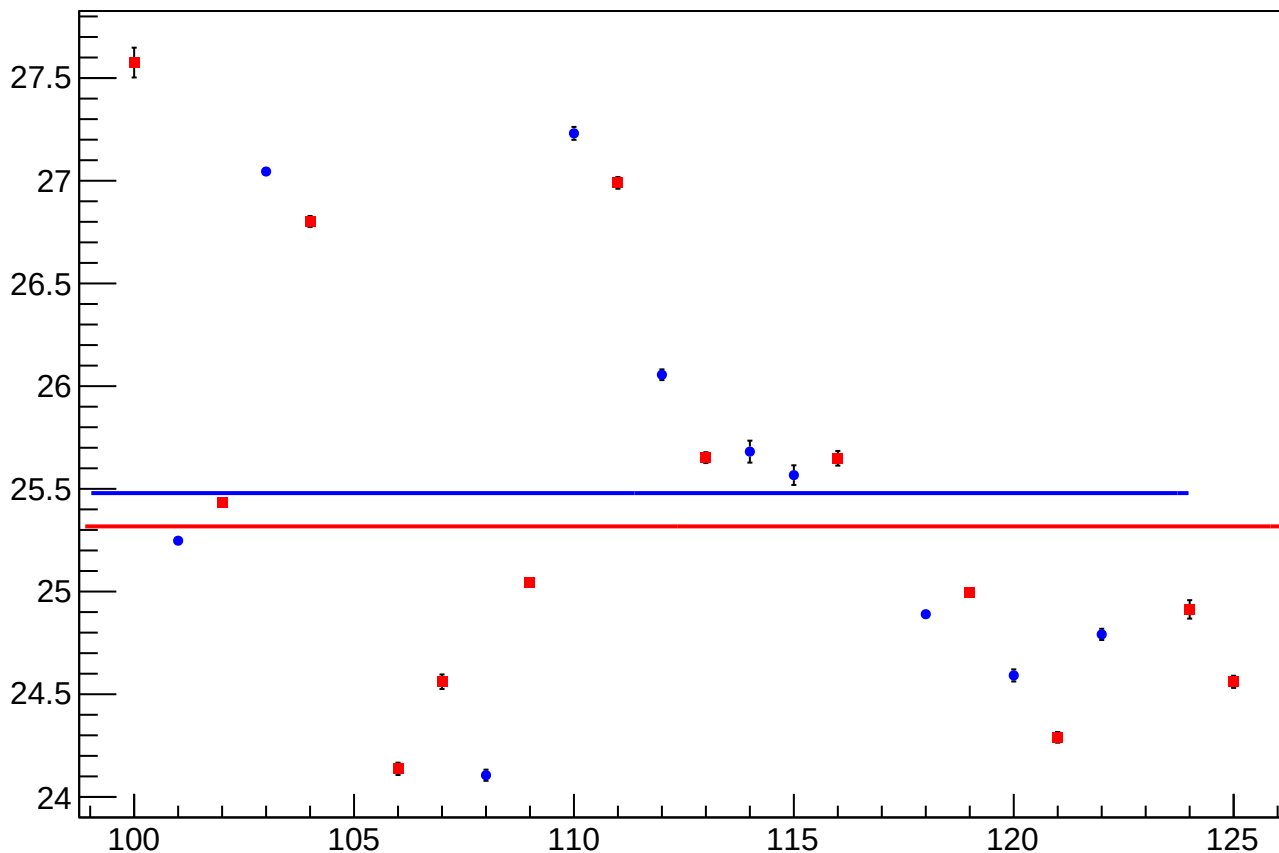
Right: 20.830+/-8.398 χ^2/NDF : 19.2/22

In: 8.753+/-12.606 χ^2/NDF : 6.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.830+/-8.398 χ^2/NDF : 19.2/22

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: 25.317+/-0.008 χ^2/NDF : 12477.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

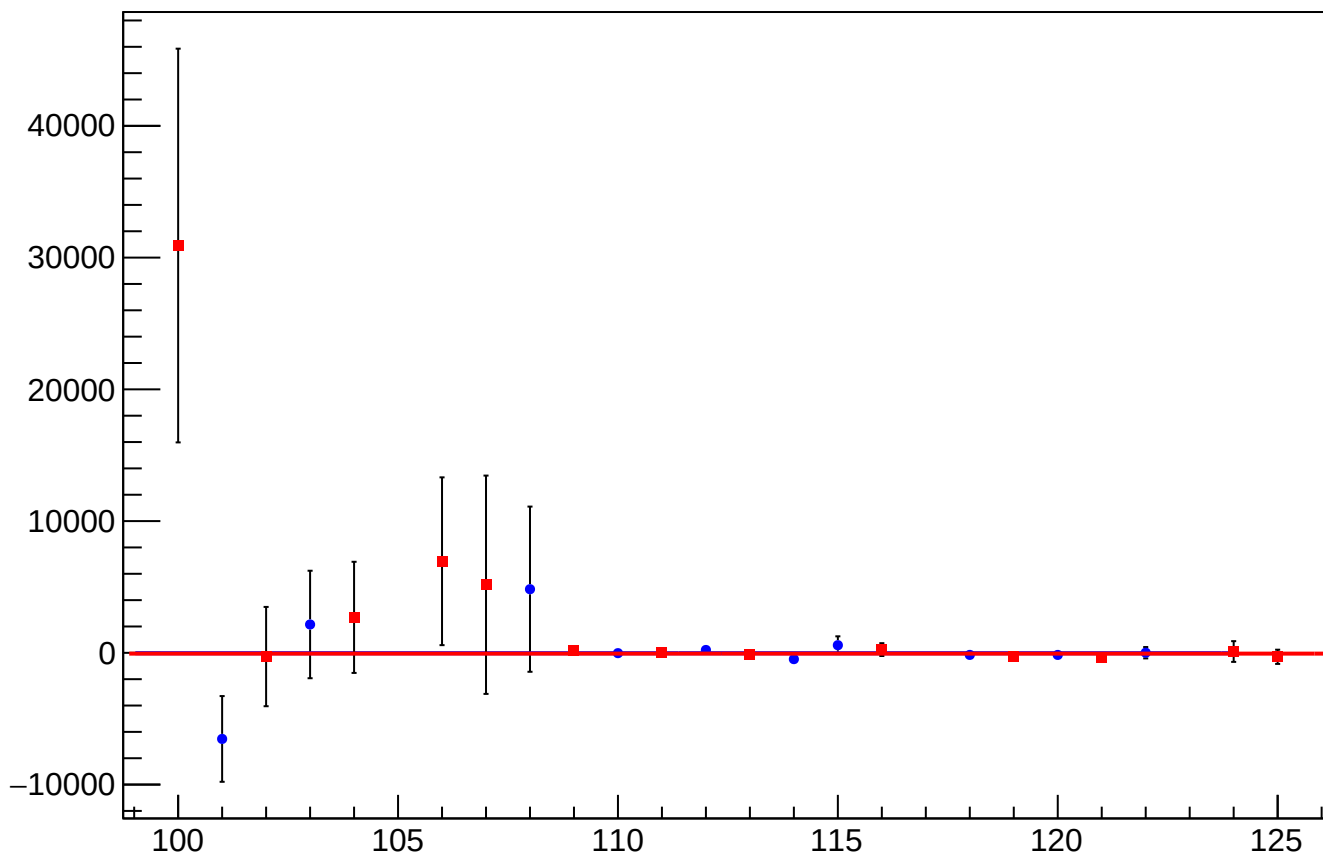
Right: 25.389+/-0.006 χ^2/NDF : 25146.4/22

In: 25.479+/-0.009 χ^2/NDF : 12485.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.389+/-0.006 χ^2/NDF : 25146.4/22

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: -59.874 $\pm$ 95.734 χ^2 /NDF: 10.3/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

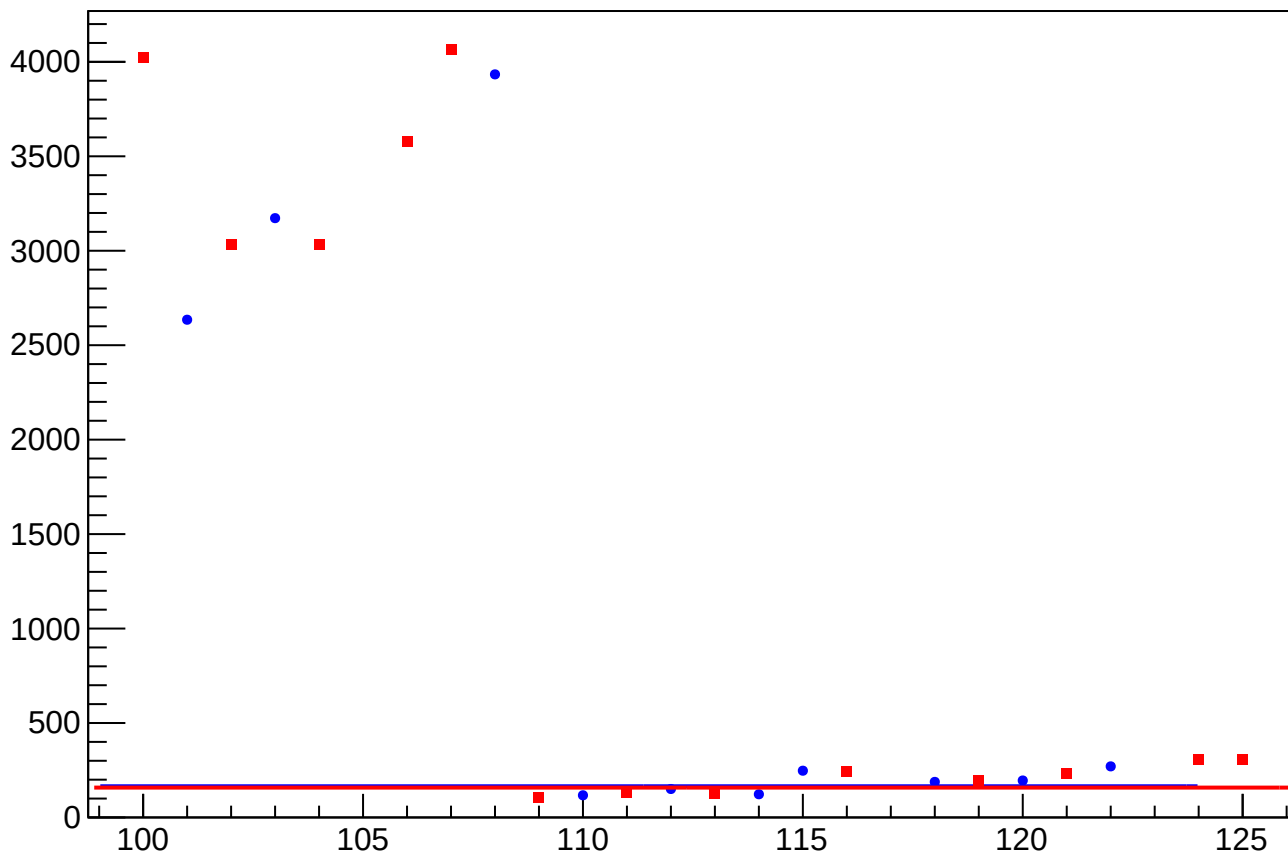
Right: -46.095 $\pm$ 71.516 χ^2 /NDF: 19.2/22

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: -46.095 $\pm$ 71.516 χ^2 /NDF: 19.2/22

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: 158.064+/-0.068 χ^2/NDF : 3881013.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

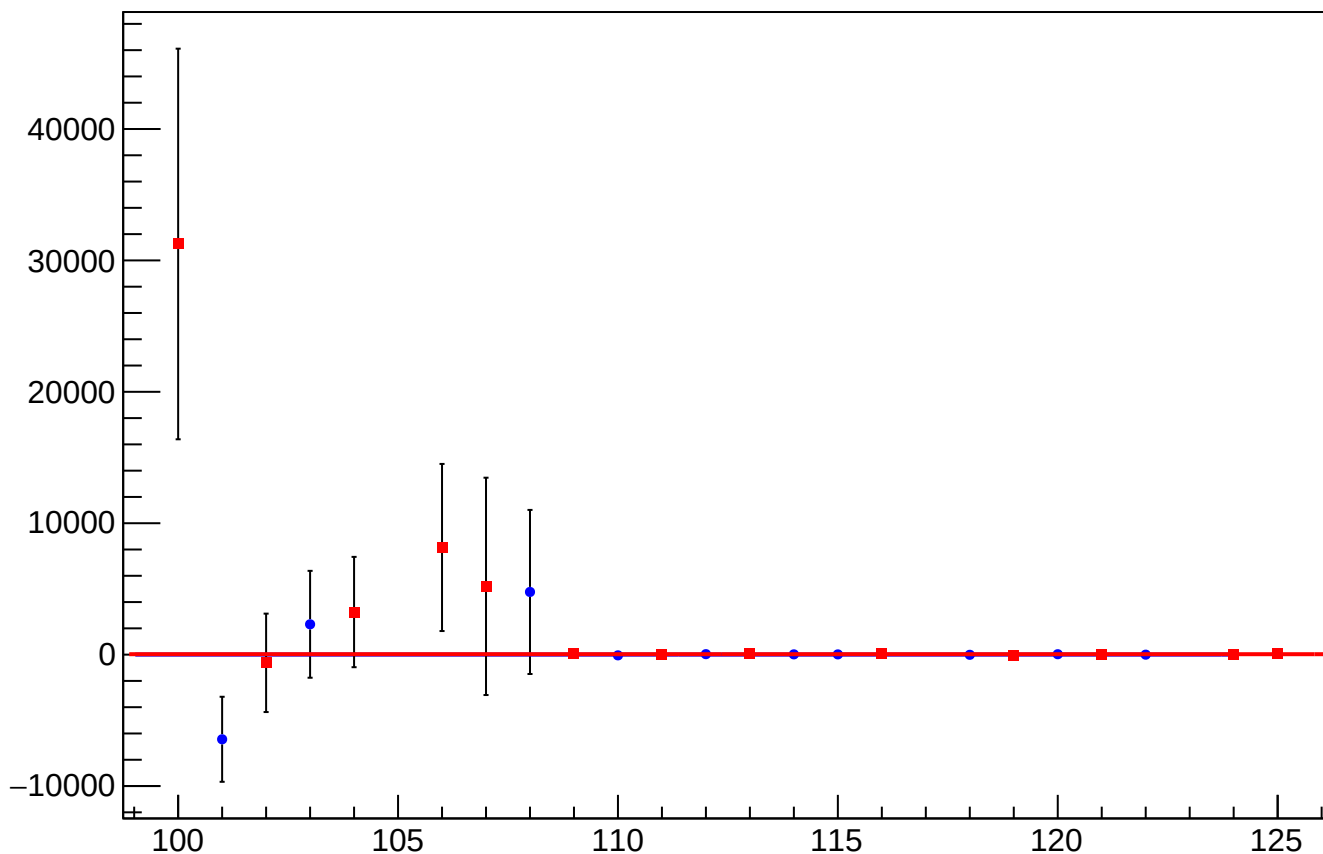
Right: 161.185+/-0.051 χ^2/NDF : 7185751.5/22

In: 165.126+/-0.076 χ^2/NDF : 3299928.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.185+/-0.051 χ^2/NDF : 7185751.5/22

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: 33.160+/-16.073 χ^2/NDF : 19.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

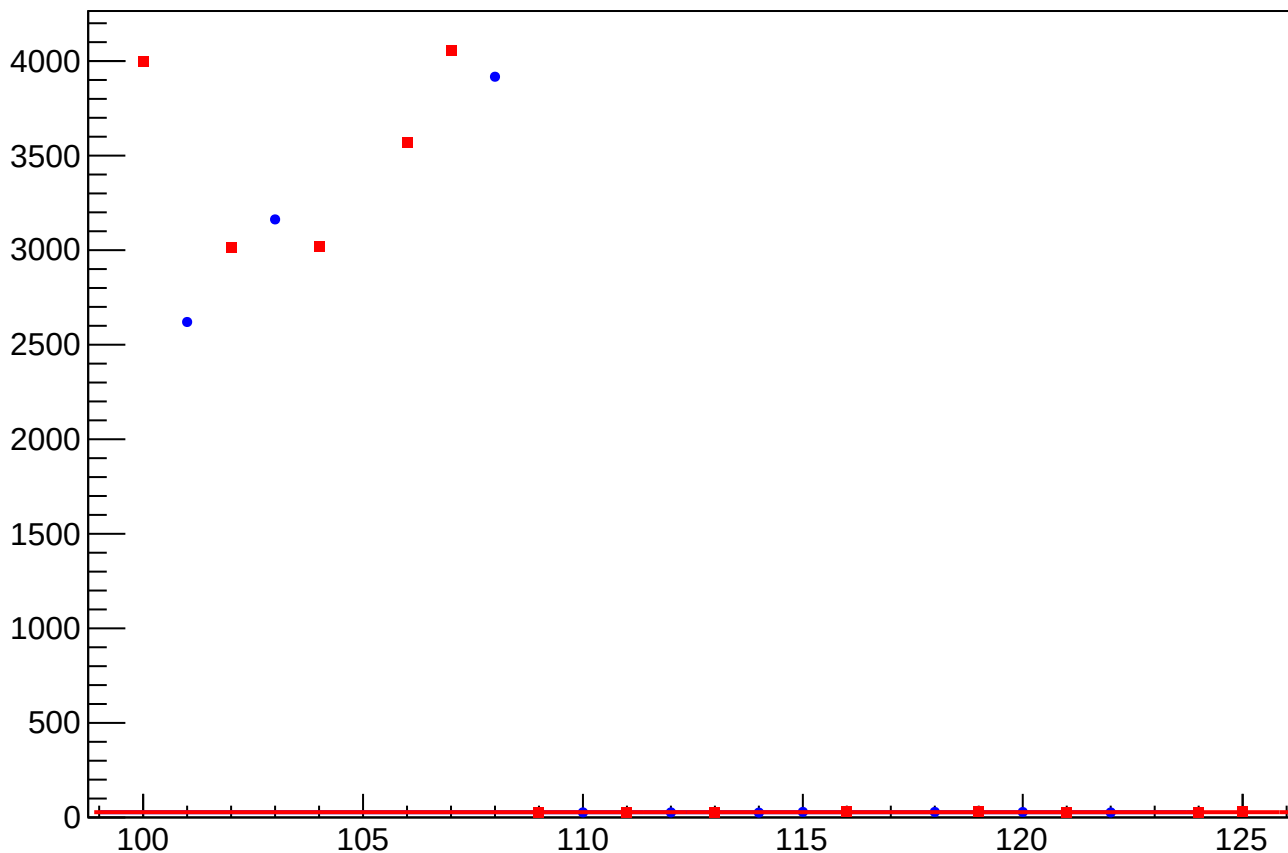
Right: 18.969+/-11.890 χ^2/NDF : 29.4/22

In: 1.819+/-17.669 χ^2/NDF : 8.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.969+/-11.890 χ^2/NDF : 29.4/22

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: 27.829+/-0.011 χ^2/NDF : 3551563.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

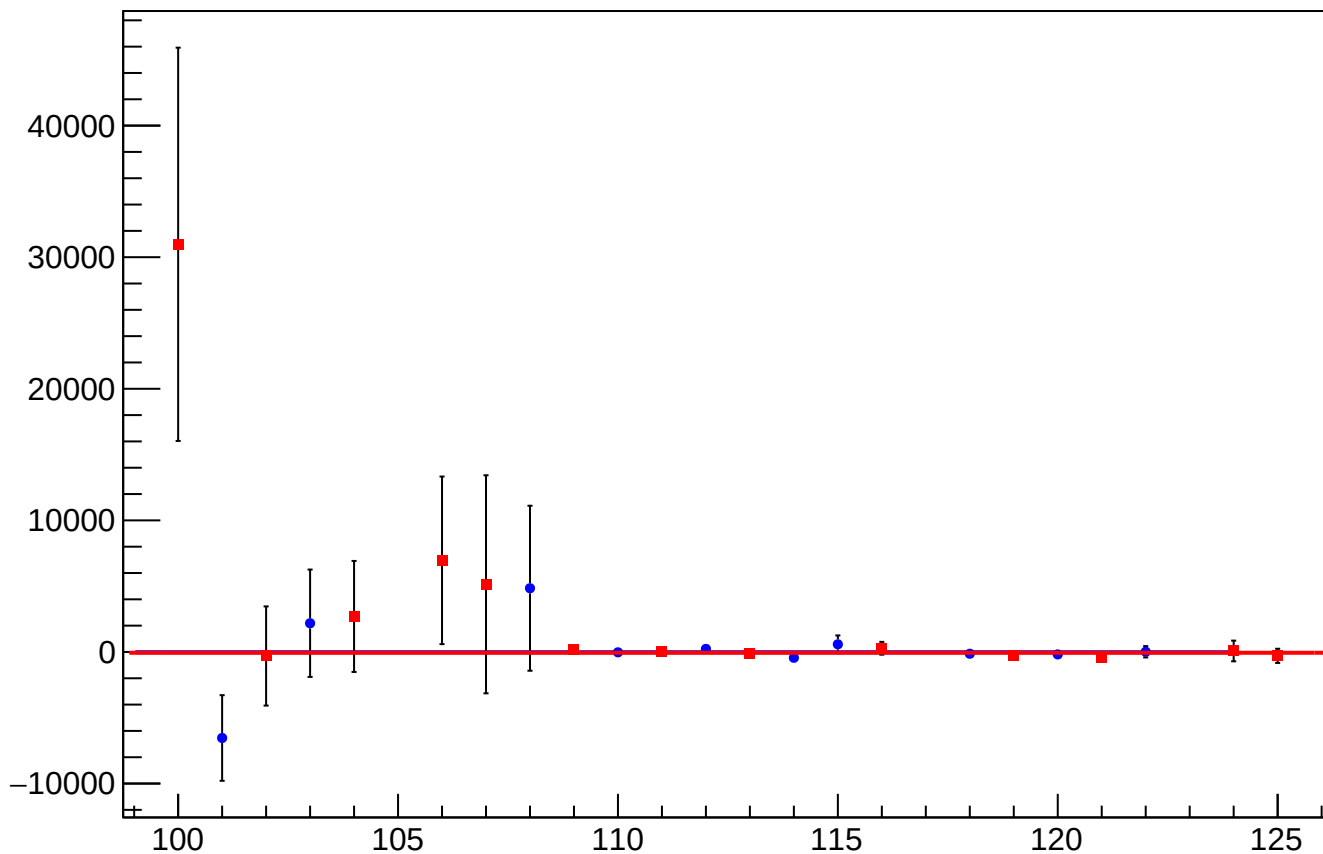
Right: 27.775+/-0.008 χ^2/NDF : 6810027.8/22

In: 27.711+/-0.012 χ^2/NDF : 3258415.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.775+/-0.008 χ^2/NDF : 6810027.8/22

asym_bcm_cav4cQ_bcm_an_ds_agg_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: -61.473+/-95.341 χ^2/NDF : 10.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

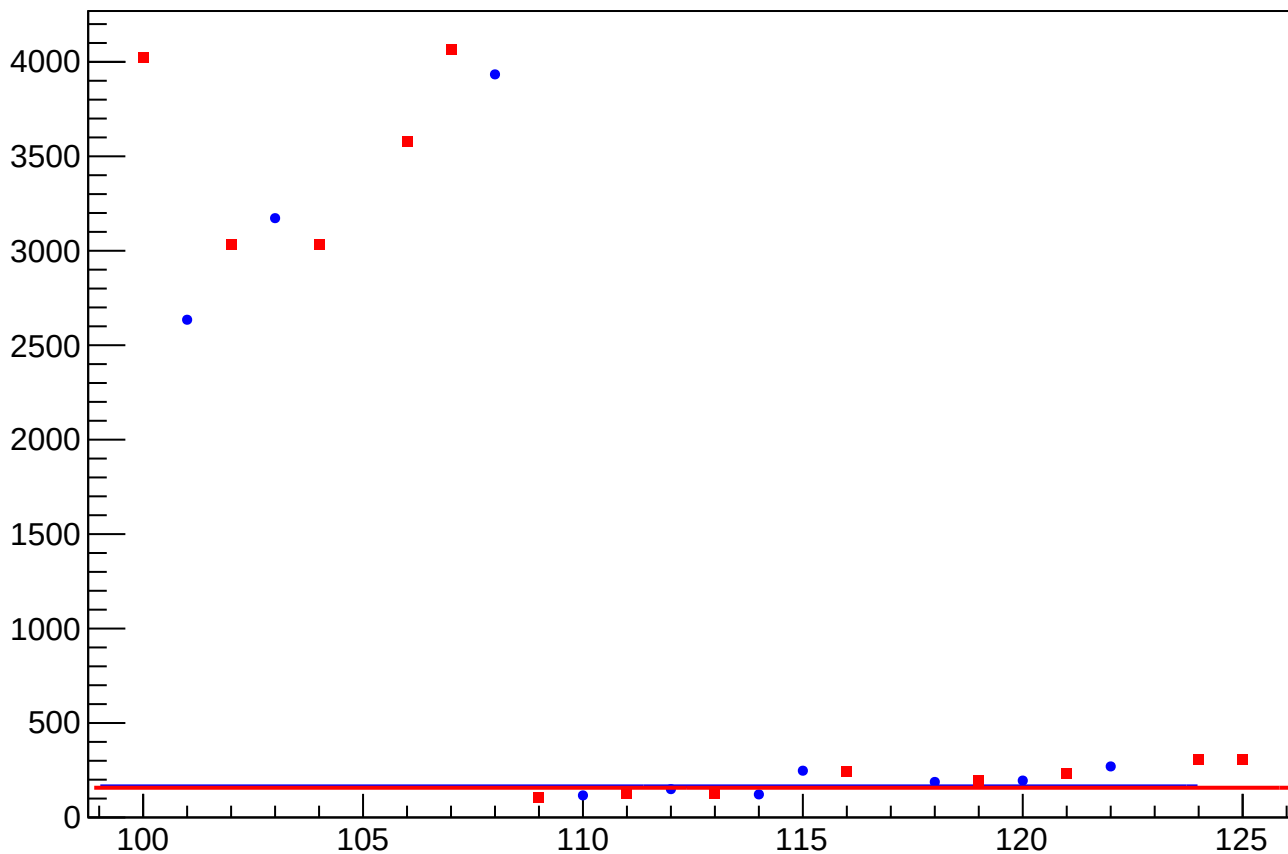
Right: -44.183+/-71.232 χ^2/NDF : 19.4/22

In: -22.337+/-107.167 χ^2/NDF : 8.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.183+/-71.232 χ^2/NDF : 19.4/22

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: 157.292+/-0.067 χ^2/NDF : 3888999.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

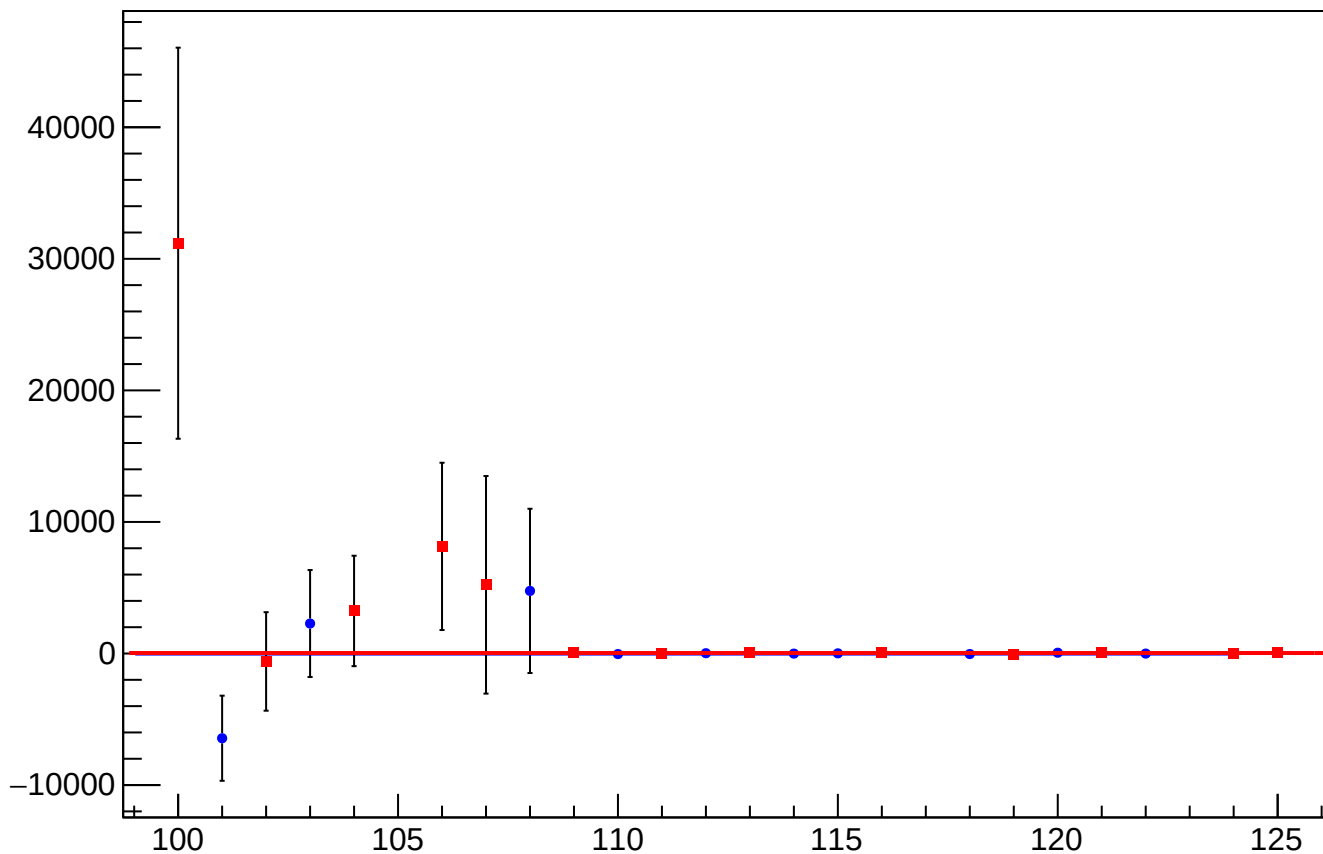
Right: 160.432+/-0.050 χ^2/NDF : 7199414.3/22

In: 164.399+/-0.076 χ^2/NDF : 3305505.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.432+/-0.050 χ^2/NDF : 7199414.3/22

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -2.547+/-17.754 χ^2/NDF : 8.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.369+/-16.201 χ^2/NDF : 15.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

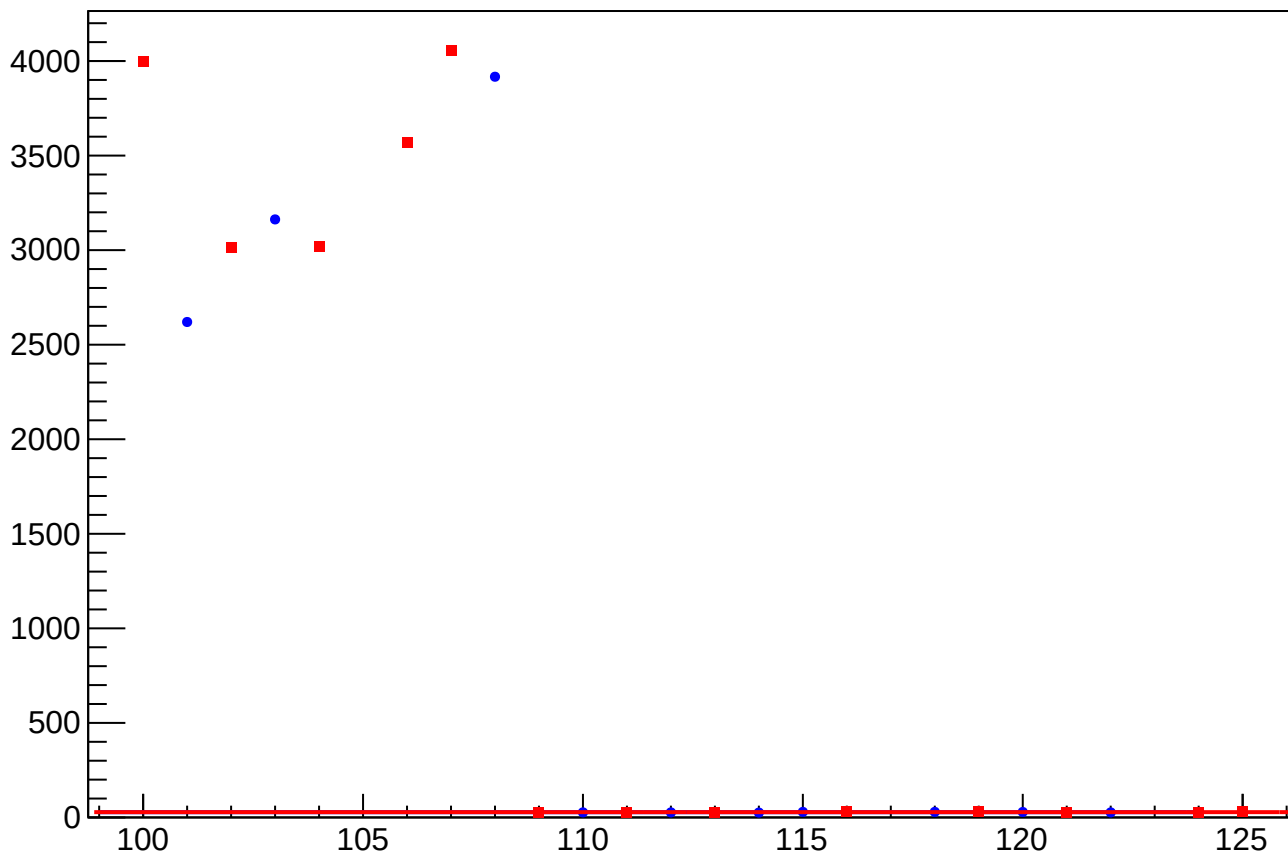
Right: 19.234+/-11.967 χ^2/NDF : 27.5/22

In: -2.547+/-17.754 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.234+/-11.967 χ^2/NDF : 27.5/22

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: 28.042+/-0.011 χ^2/NDF : 3553989.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

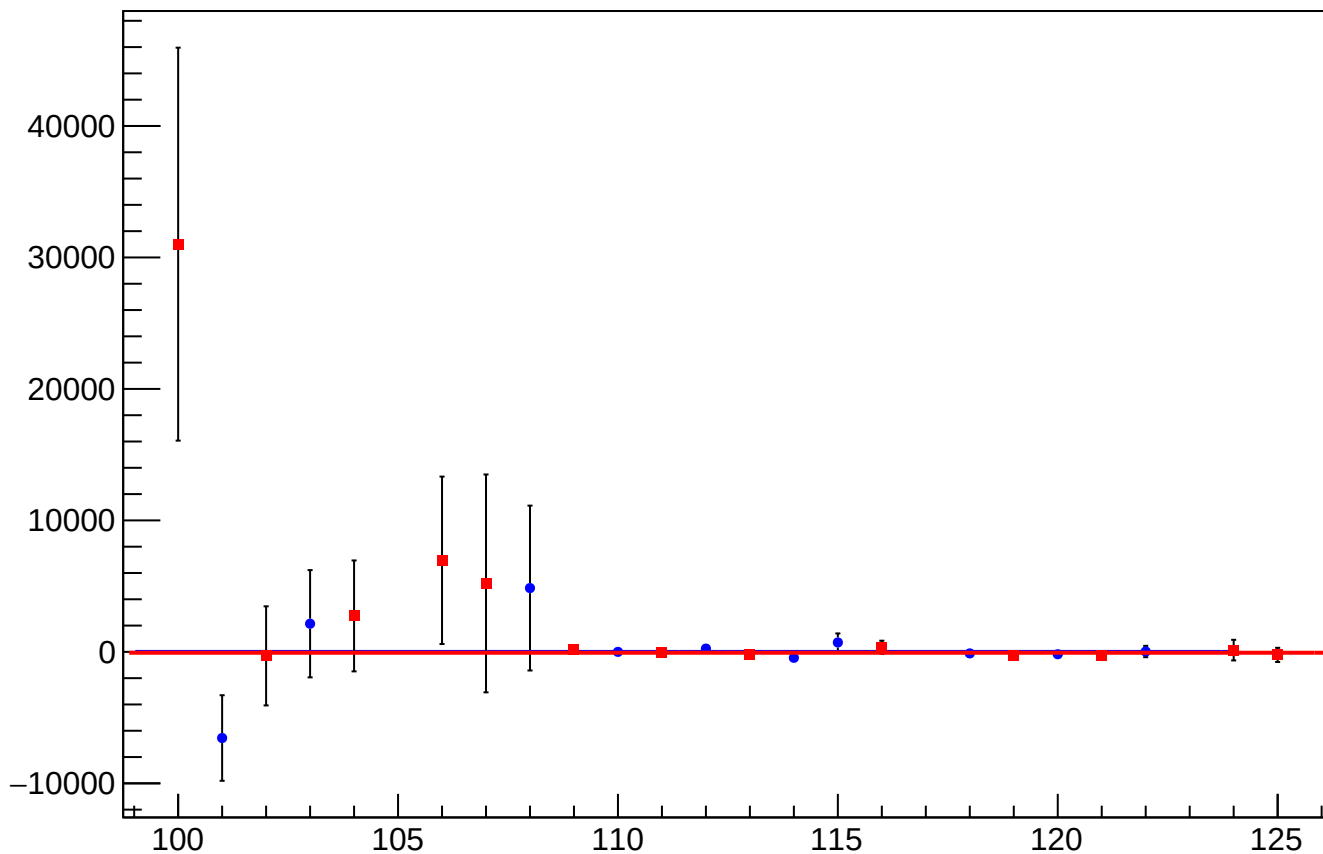
Right: 27.950+/-0.008 χ^2/NDF : 6813161.6/22

In: 27.840+/-0.013 χ^2/NDF : 3259032.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.950+/-0.008 χ^2/NDF : 6813161.6/22

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: -66.541+/-96.958 χ^2 /NDF: 10.3/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

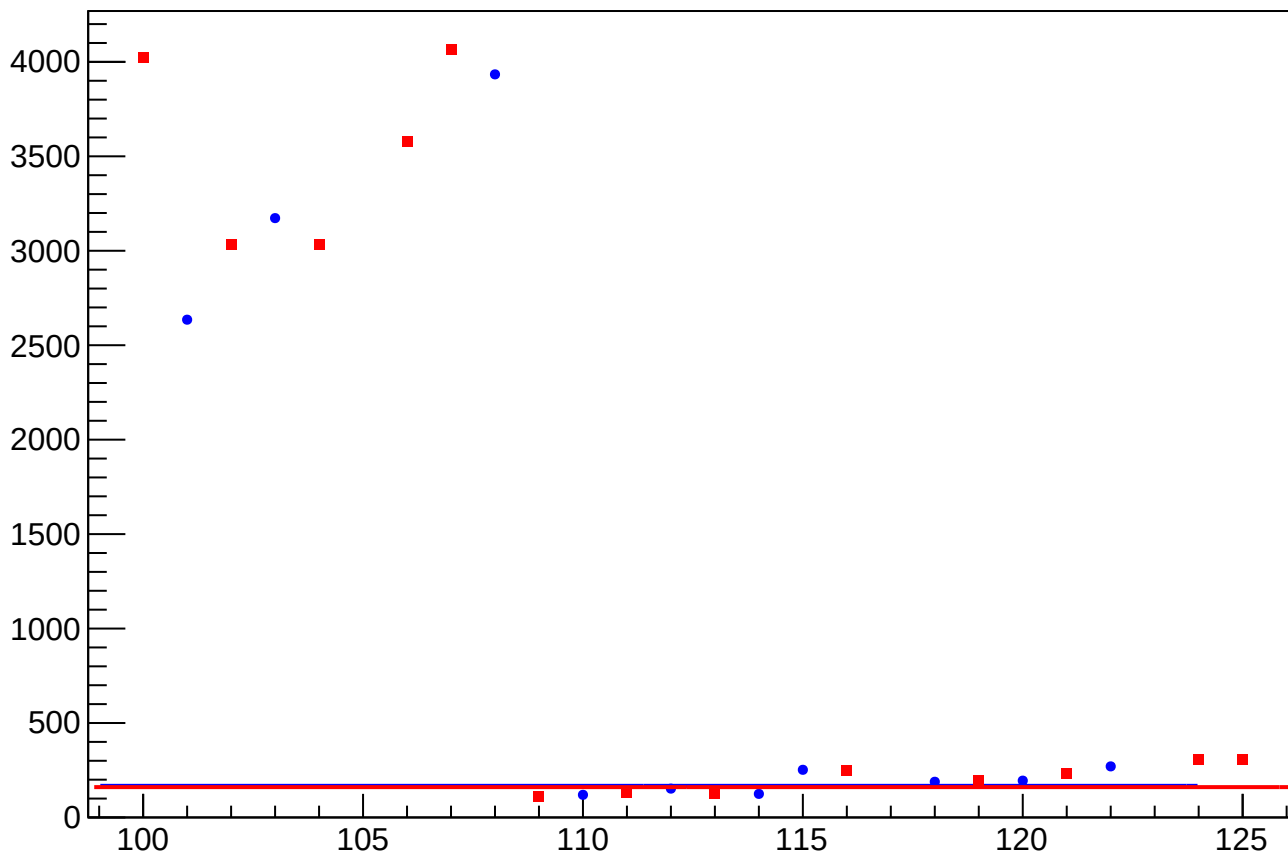
Right: -38.799+/-72.382 χ^2 /NDF: 19.8/22

In: -3.875+/-108.787 χ^2 /NDF:9.3/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -38.799+/-72.382 χ^2 /NDF: 19.8/22

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: 160.585+/-0.069 χ^2/NDF : 3851459.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

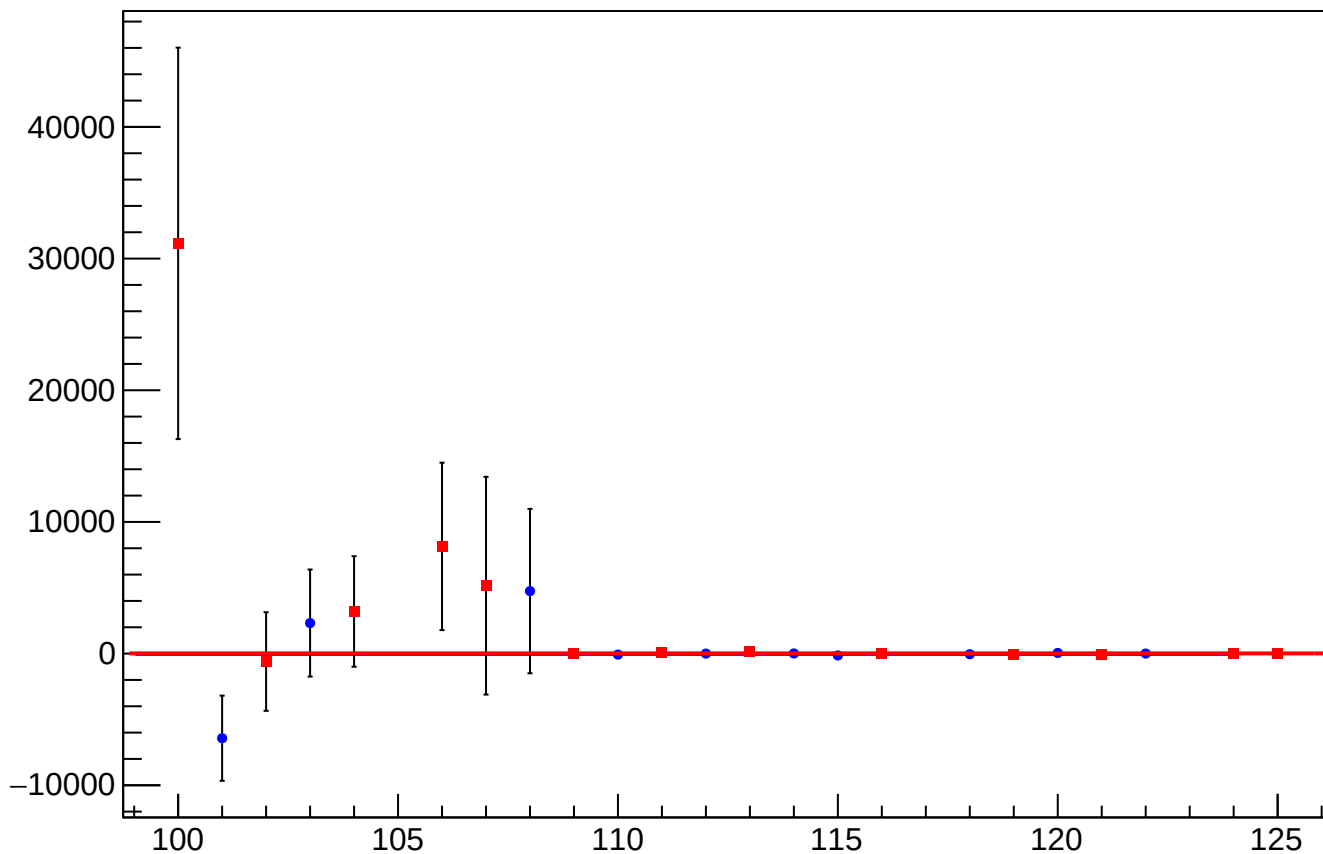
Right: 163.591+/-0.051 χ^2/NDF : 7135694.4/22

In: 167.374+/-0.077 χ^2/NDF : 3279894.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.591+/-0.051 χ^2/NDF : 7135694.4/22

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: 13.935 $\pm$ 19.619 χ^2 /NDF: 19.7/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

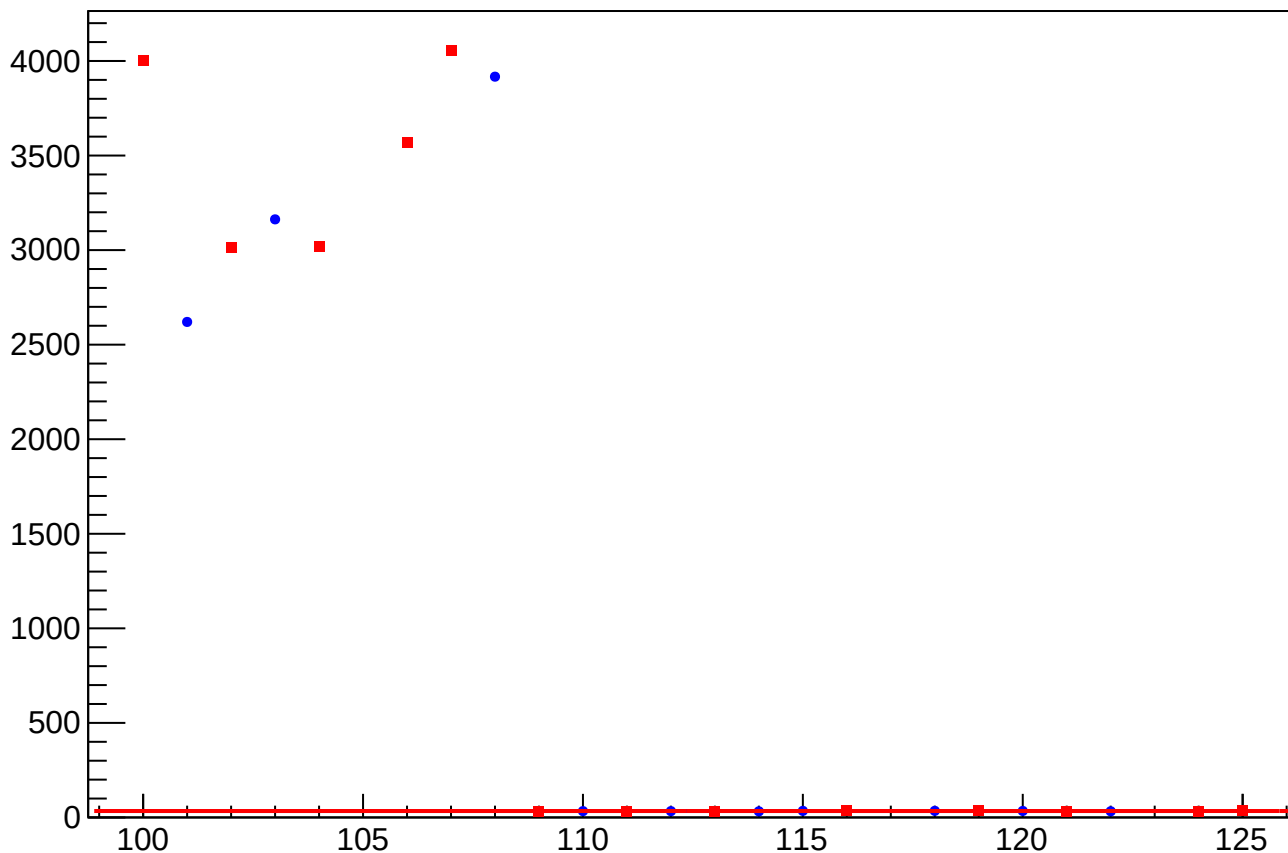
Right: -1.653 $\pm$ 14.538 χ^2 /NDF: 31.0/22

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: -1.653 $\pm$ 14.538 χ^2 /NDF: 31.0/22

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 34.037 $\pm$ 0.015 χ^2 /NDF: 3239010.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 34.063 $\pm$ 0.014 χ^2 /NDF: 3524381.8/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

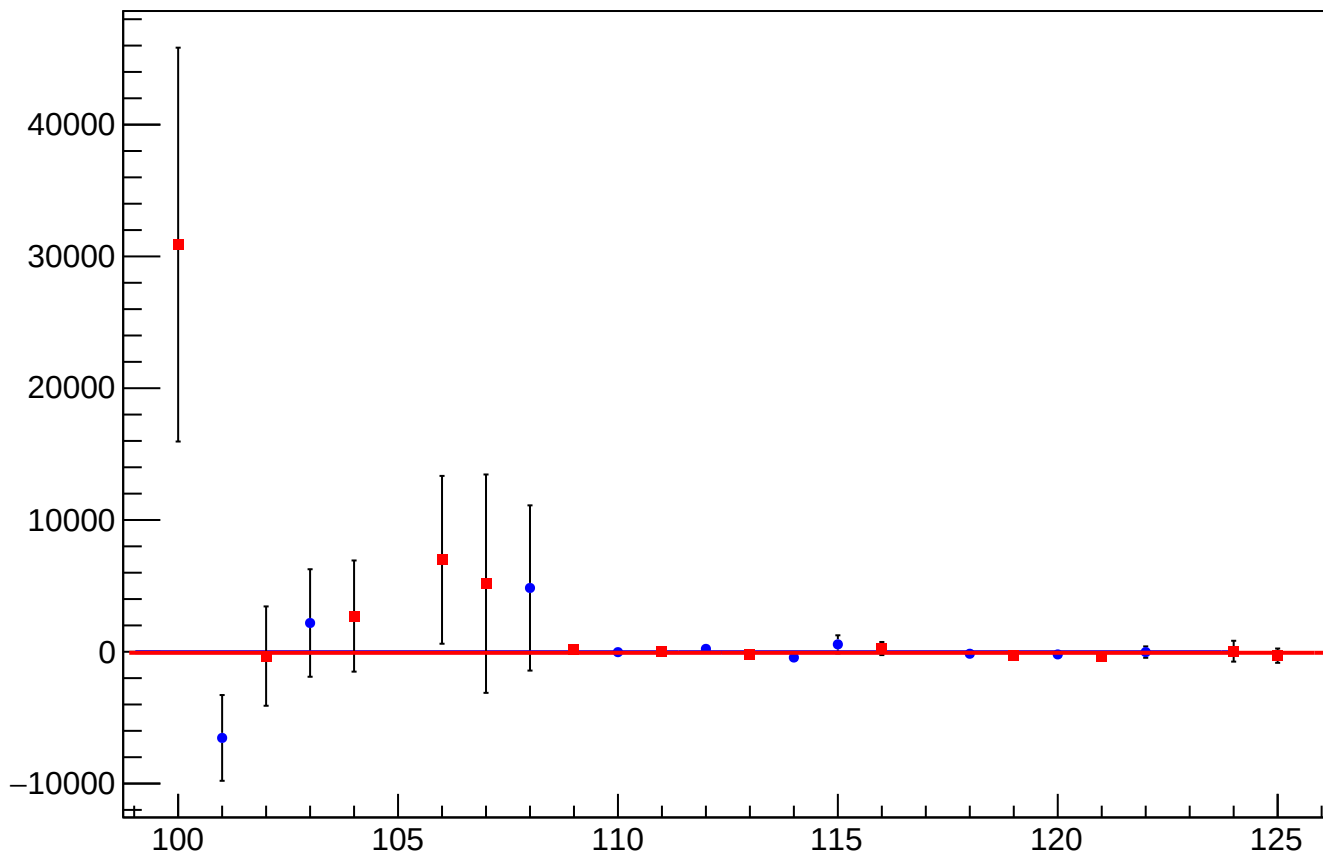
Right: 34.051 $\pm$ 0.010 χ^2 /NDF: 6763393.3/22

In: 34.037 $\pm$ 0.015 χ^2 /NDF: 3239010.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.051 $\pm$ 0.010 χ^2 /NDF: 6763393.3/22

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: -76.611+/-96.228 χ^2/NDF : 10.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

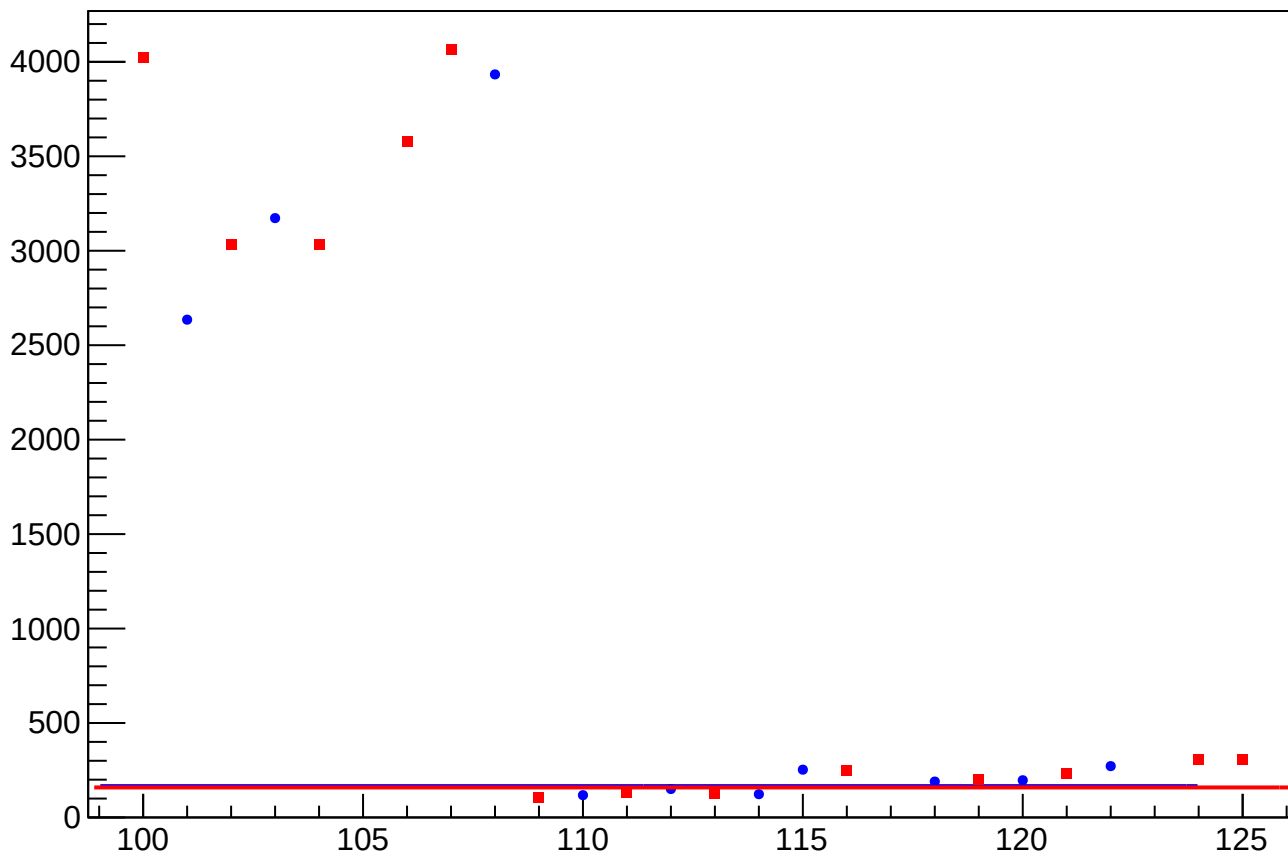
Right: -56.523+/-71.872 χ^2/NDF : 18.9/22

In: -31.178+/-108.089 χ^2/NDF :8.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -56.523+/-71.872 χ^2/NDF : 18.9/22

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 165.882 $\pm$ 0.076 χ^2 /NDF: 3302891.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 158.847 $\pm$ 0.068 χ^2 /NDF: 3886131.7/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

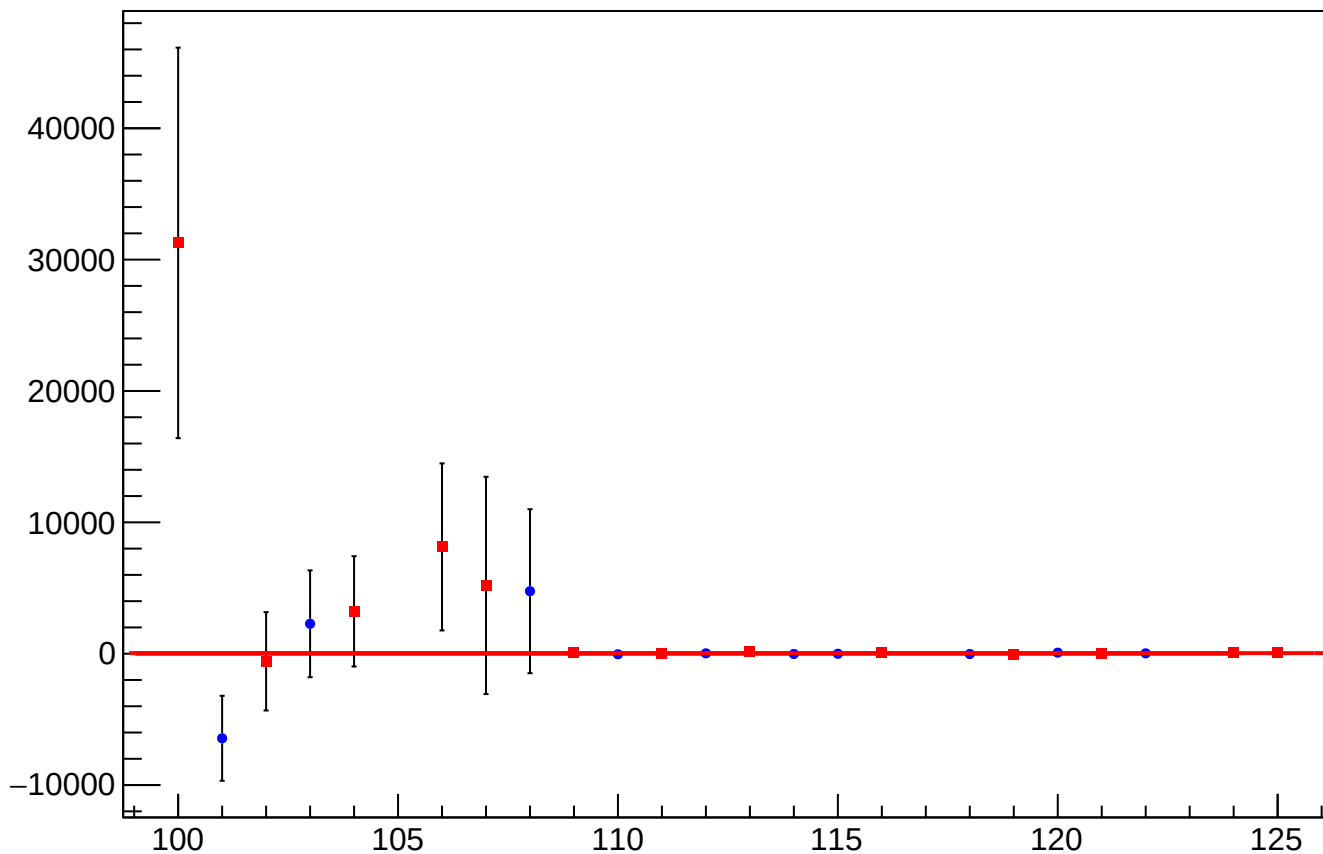
Right: 161.957 $\pm$ 0.051 χ^2 /NDF: 7193748.6/22

In: 165.882 $\pm$ 0.076 χ^2 /NDF:3302891.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 161.957 $\pm$ 0.051 χ^2 /NDF: 7193748.6/22

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: 44.505+/-18.030 χ^2 /NDF: 20.1/12

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

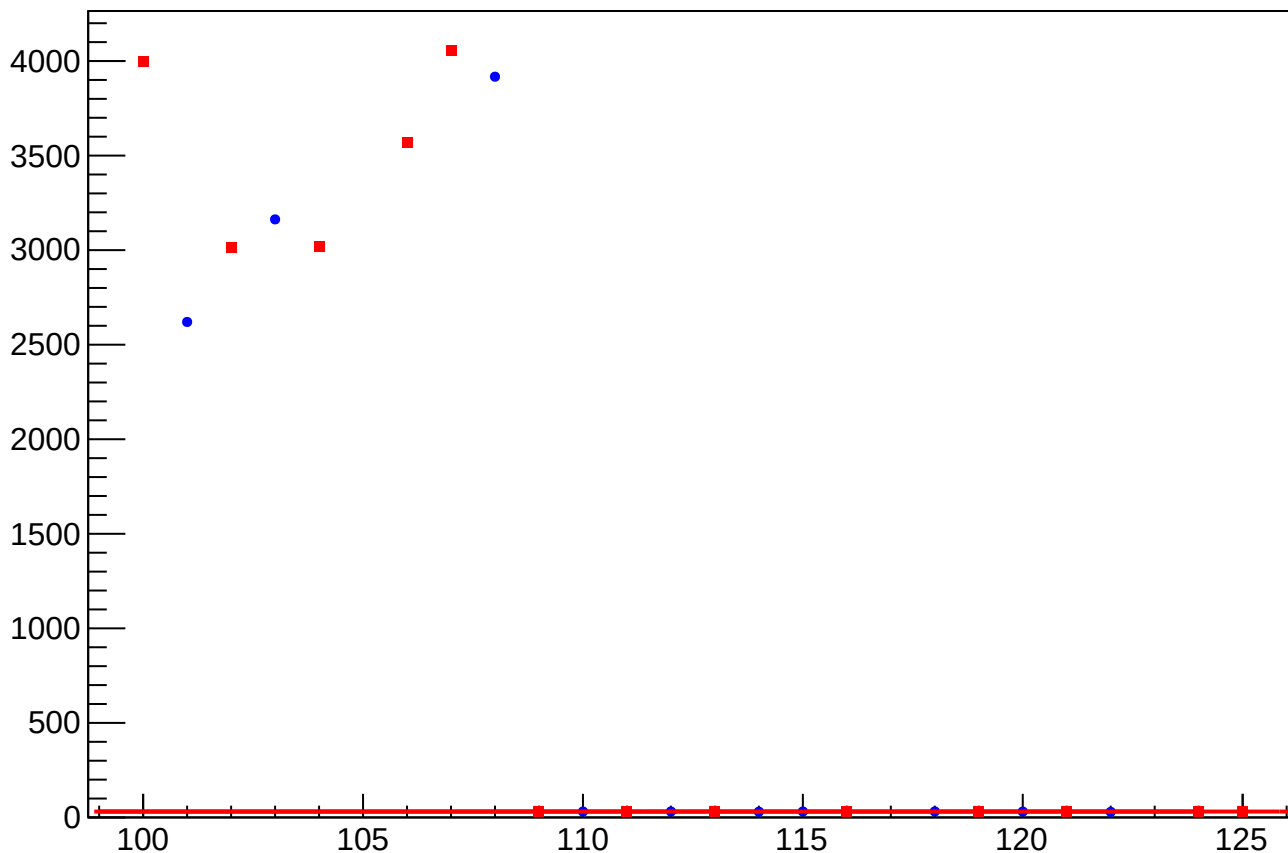
Right: 28.519+/-13.364 χ^2 /NDF: 30.6/22

In: 9.024+/-19.910 χ^2 /NDF: 8.7/9

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 28.519+/-13.364 χ^2 /NDF: 30.6/22

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: 31.282+/-0.013 χ^2/NDF : 3530335.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

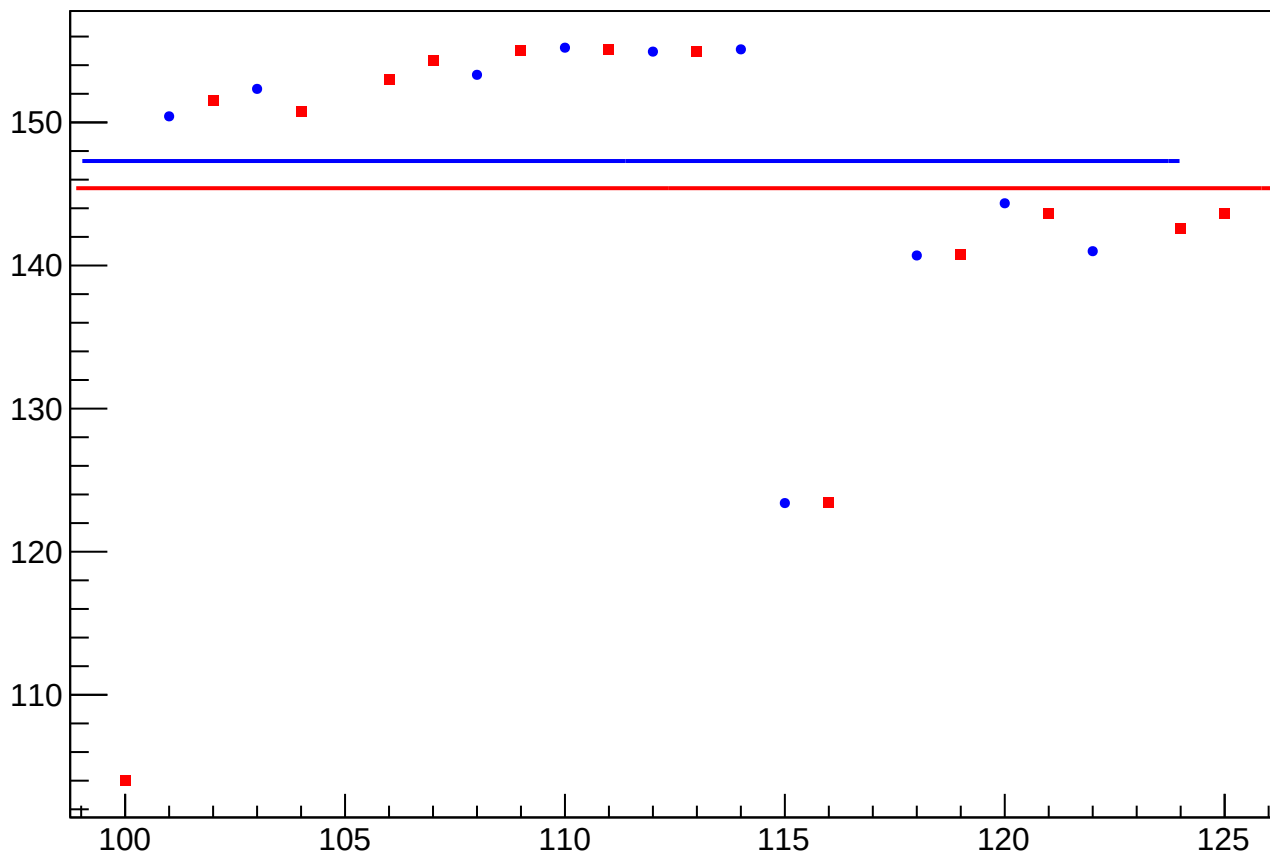
Right: 31.281+/-0.009 χ^2/NDF : 6774988.3/22

In: 31.280+/-0.014 χ^2/NDF : 3244652.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

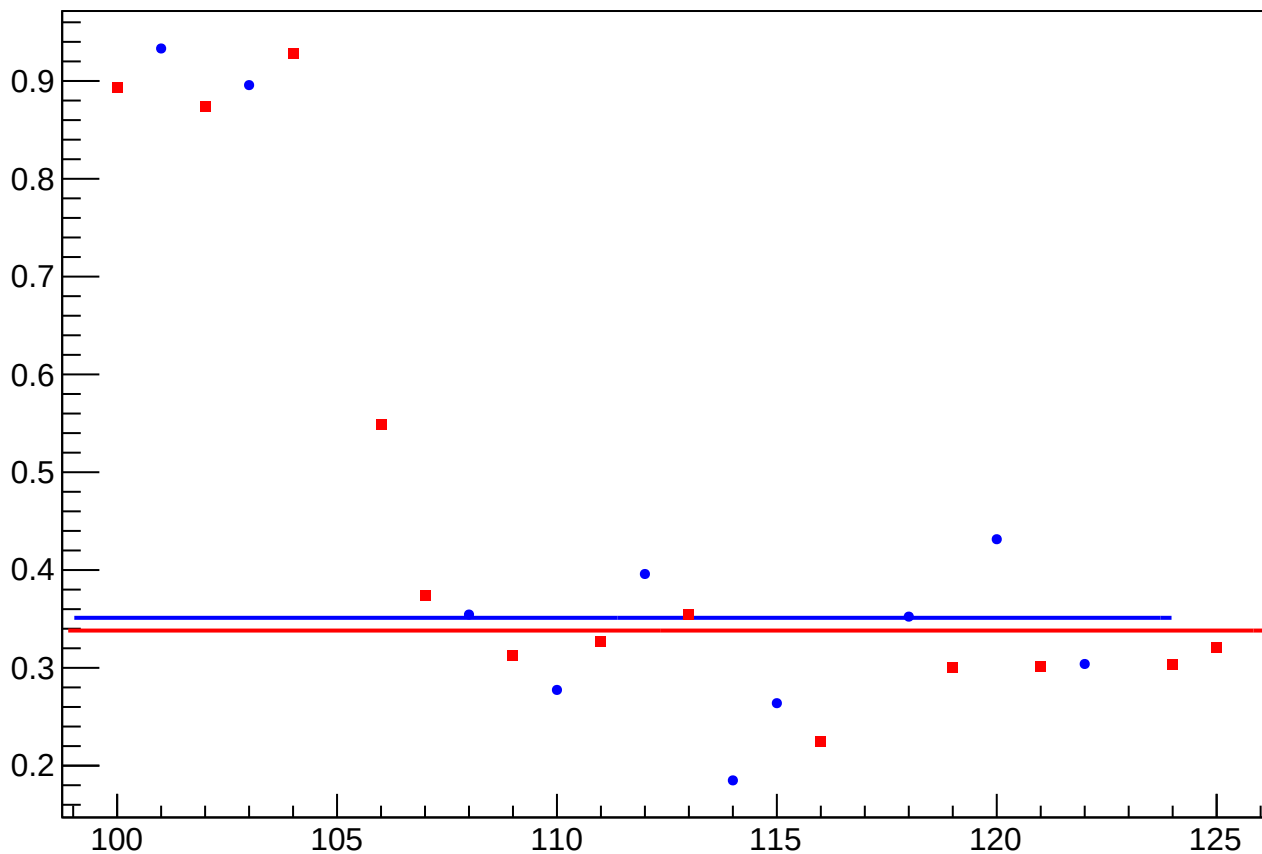
All: 31.281+/-0.009 χ^2/NDF : 6774988.3/22

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: 145.403 $\pm$ 0.000 χ^2 /NDF: 3939354315.2/12
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 146.209 $\pm$ 0.000 χ^2 /NDF: 6126624914.1/22

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: 0.338+/-0.000 χ^2/NDF : 1181630.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

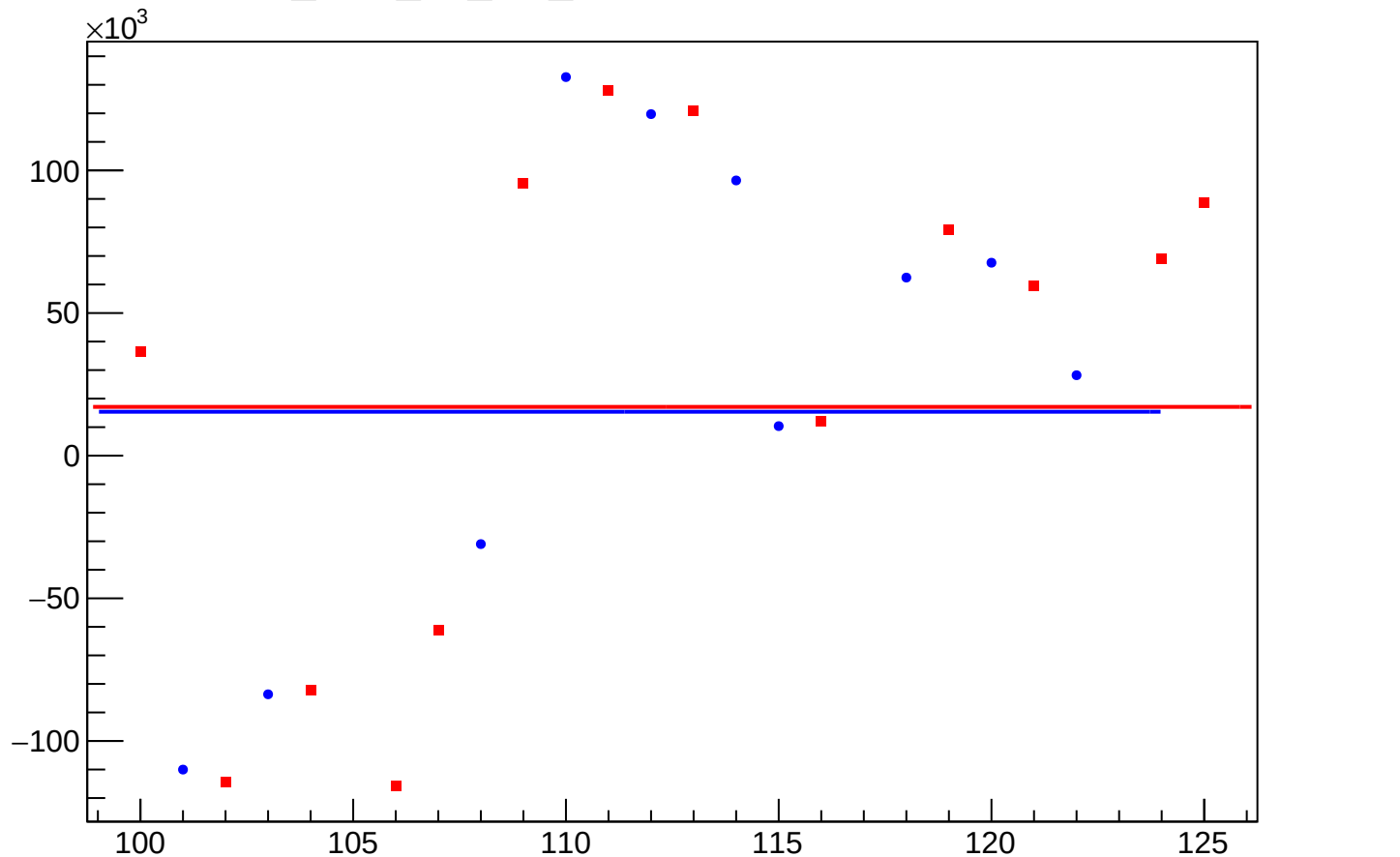
Right: 0.344+/-0.000 χ^2/NDF : 2390830.8/22

In: 0.351+/-0.000 χ^2/NDF : 1204272.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

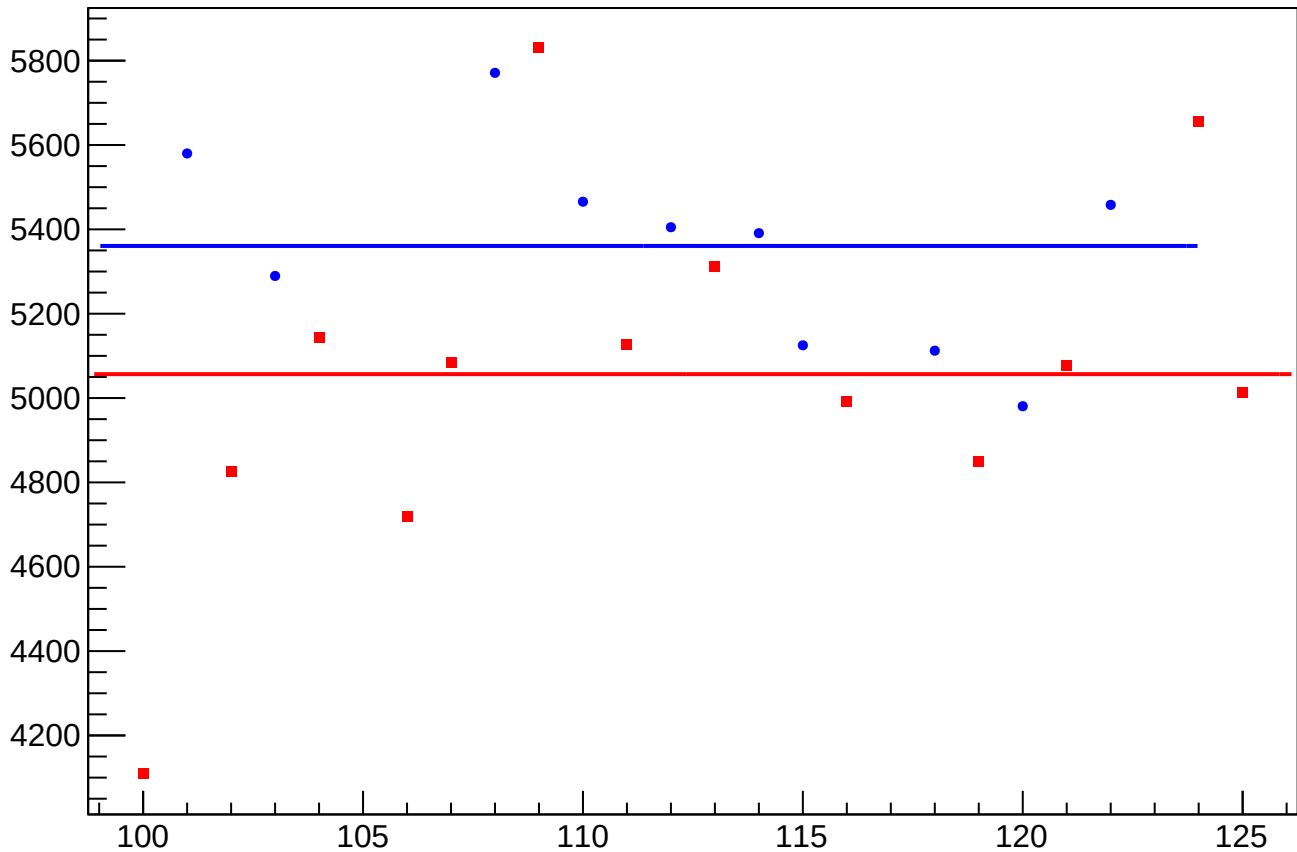
All: 0.344+/-0.000 χ^2/NDF : 2390830.8/22

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: 16398.831 $\pm$ 1.766 χ^2 /NDF: 2615927287.8/2
 In: 15406.605 $\pm$ 2.733 χ^2 /NDF: 991464216.6/9
 Right Out: 17110.209 $\pm$ 2.314 χ^2 /NDF: 1624236796.6/12
 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: 16398.831 $\pm$ 1.766 χ^2 /NDF: 2615927287.8/2

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: 5056.671+/-1.636 χ^2/NDF : 39130.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

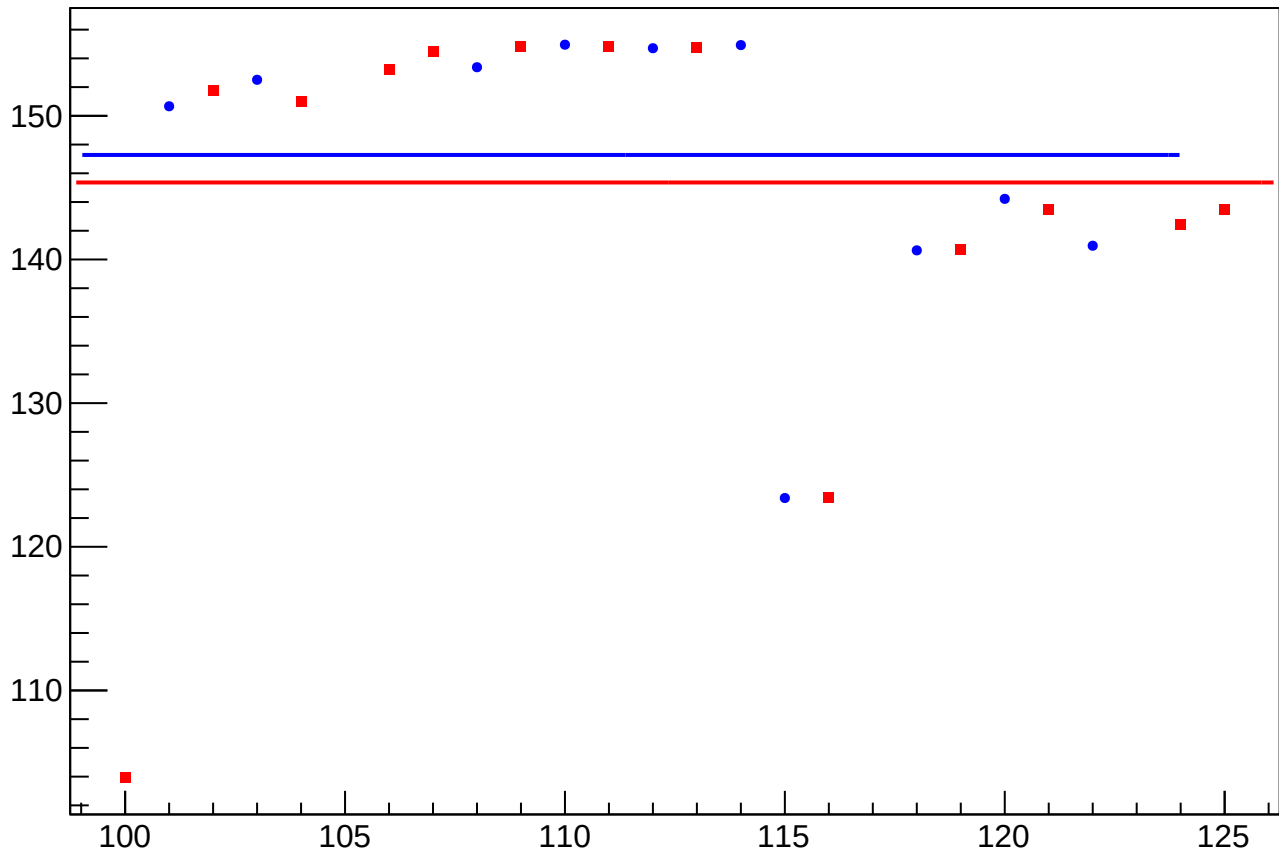
Right: 5183.611+/-1.249 χ^2/NDF : 66625.4/22

In: 5360.665+/-1.933 χ^2/NDF : 13085.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

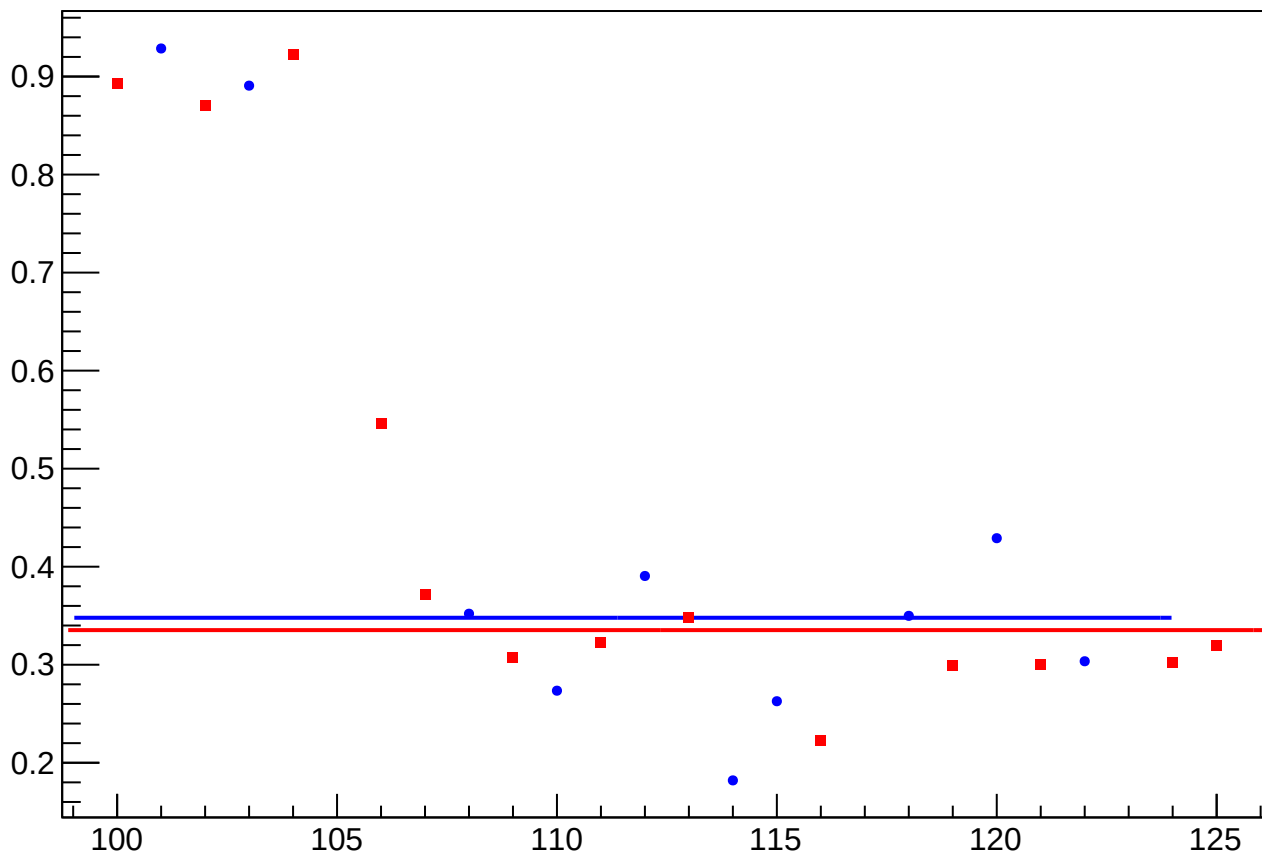
All: 5183.611+/-1.249 χ^2/NDF : 66625.4/22

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: 145.360+/-0.000 χ^2/NDF : 3964839516.6/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 146.175+/-0.000 χ^2/NDF : 6159844524.7/22

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: 0.335+/-0.000 χ^2/NDF : 1183177.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

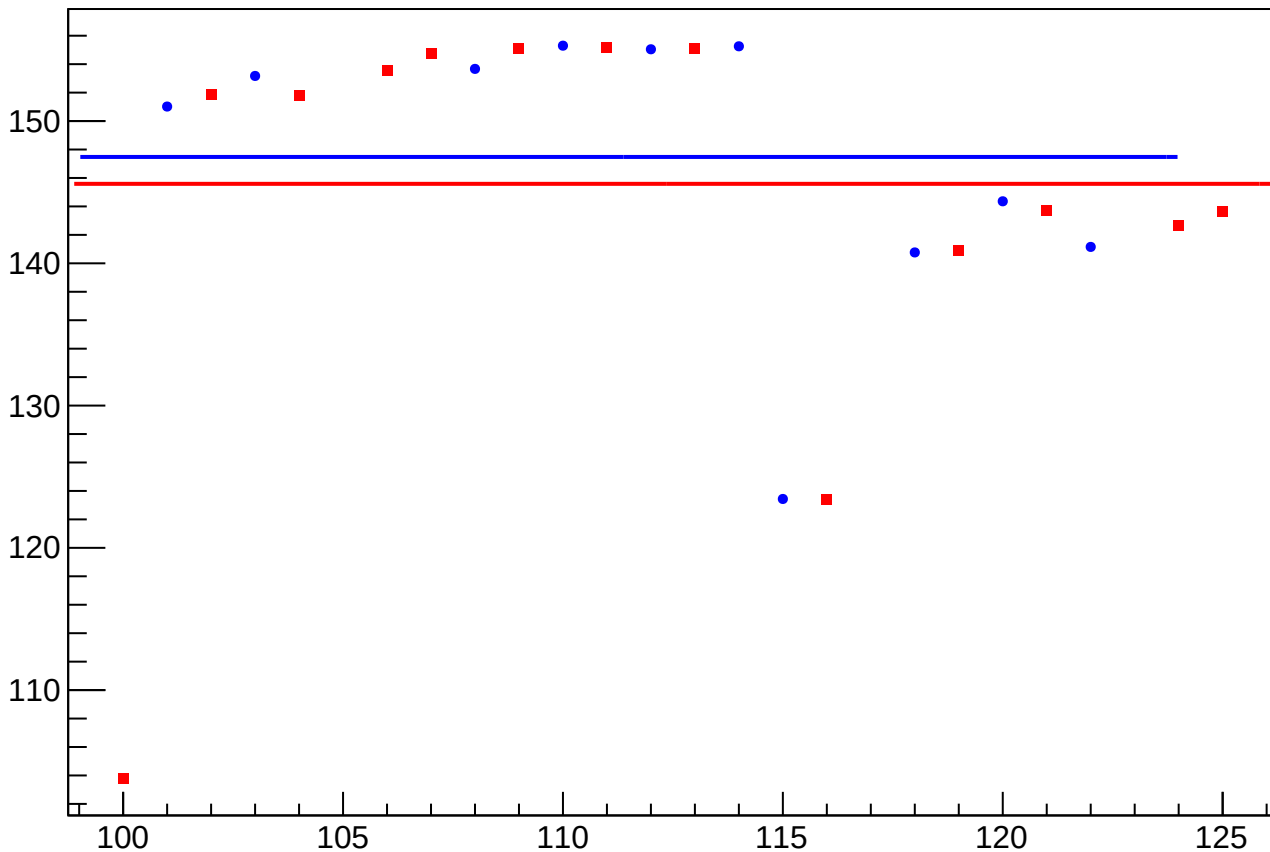
Right: 0.341+/-0.000 χ^2/NDF : 2399814.2/22

In: 0.348+/-0.000 χ^2/NDF : 1211944.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

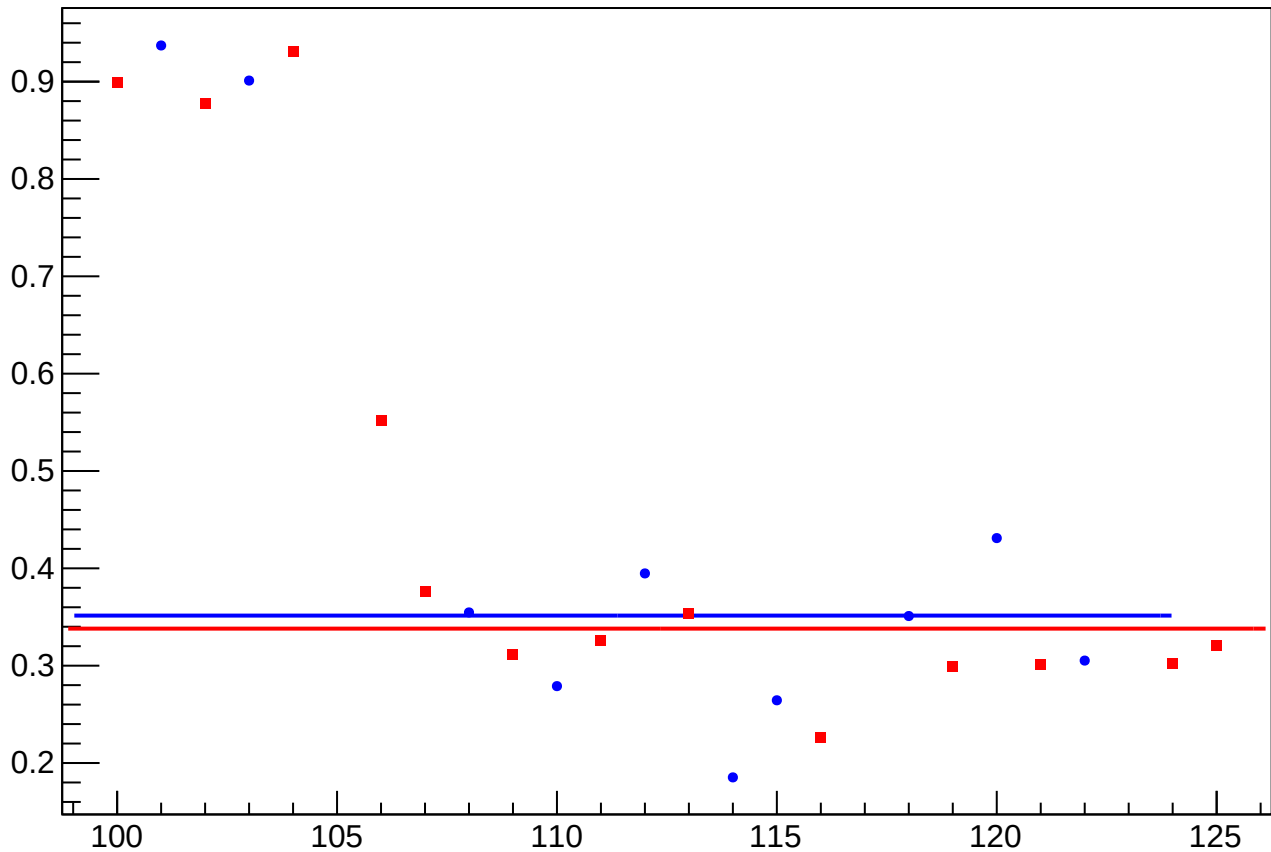
All: 0.341+/-0.000 χ^2/NDF : 2399814.2/22

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 147.478 $\pm$ 0.000 χ^2 /NDF: 2149960188.9/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 145.587 $\pm$ 0.000 χ^2 /NDF: 3948273473.1/12
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 146.389 $\pm$ 0.000 χ^2 /NDF: 6150056054.4/22

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: 0.338+/-0.000 χ^2/NDF : 1183681.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

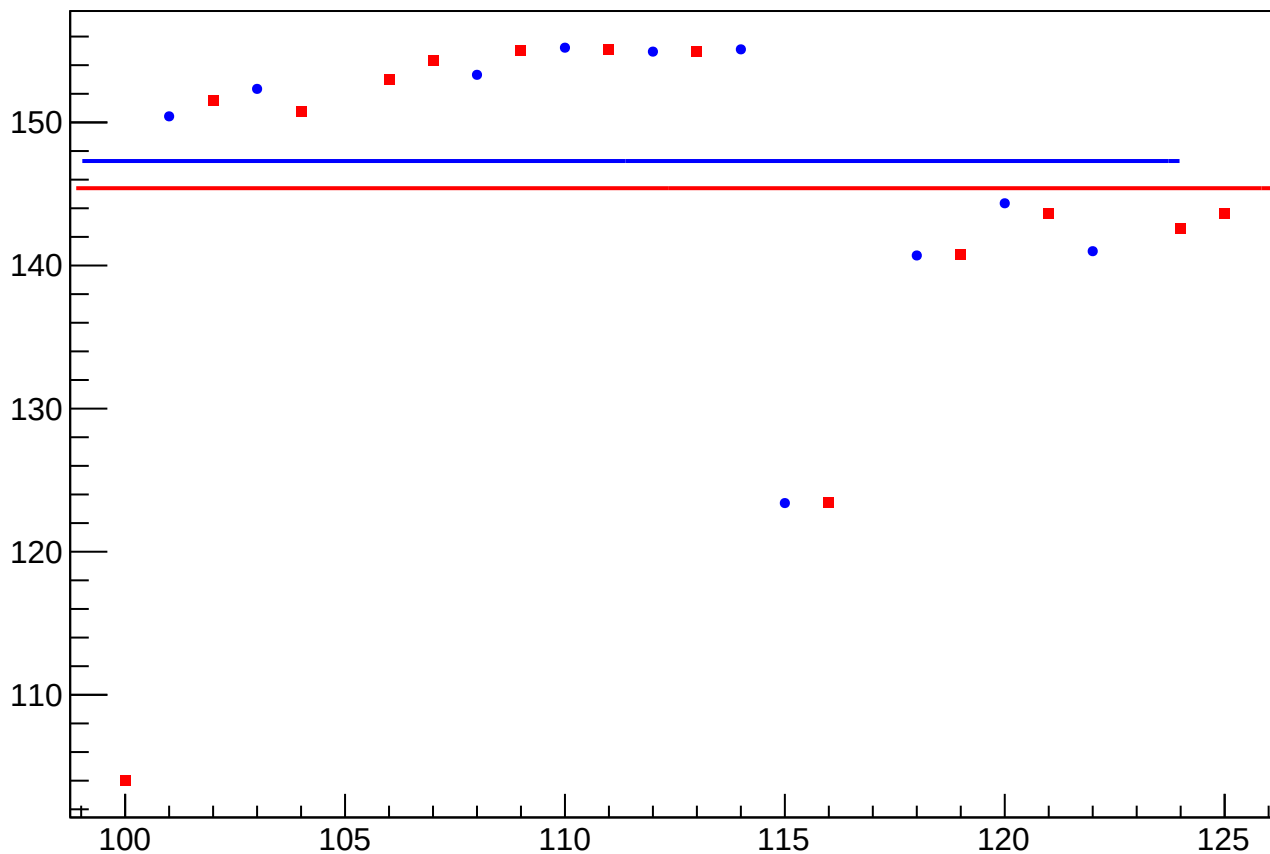
Right: 0.344+/-0.000 χ^2/NDF : 2394182.8/22

In: 0.351+/-0.000 χ^2/NDF : 1205307.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

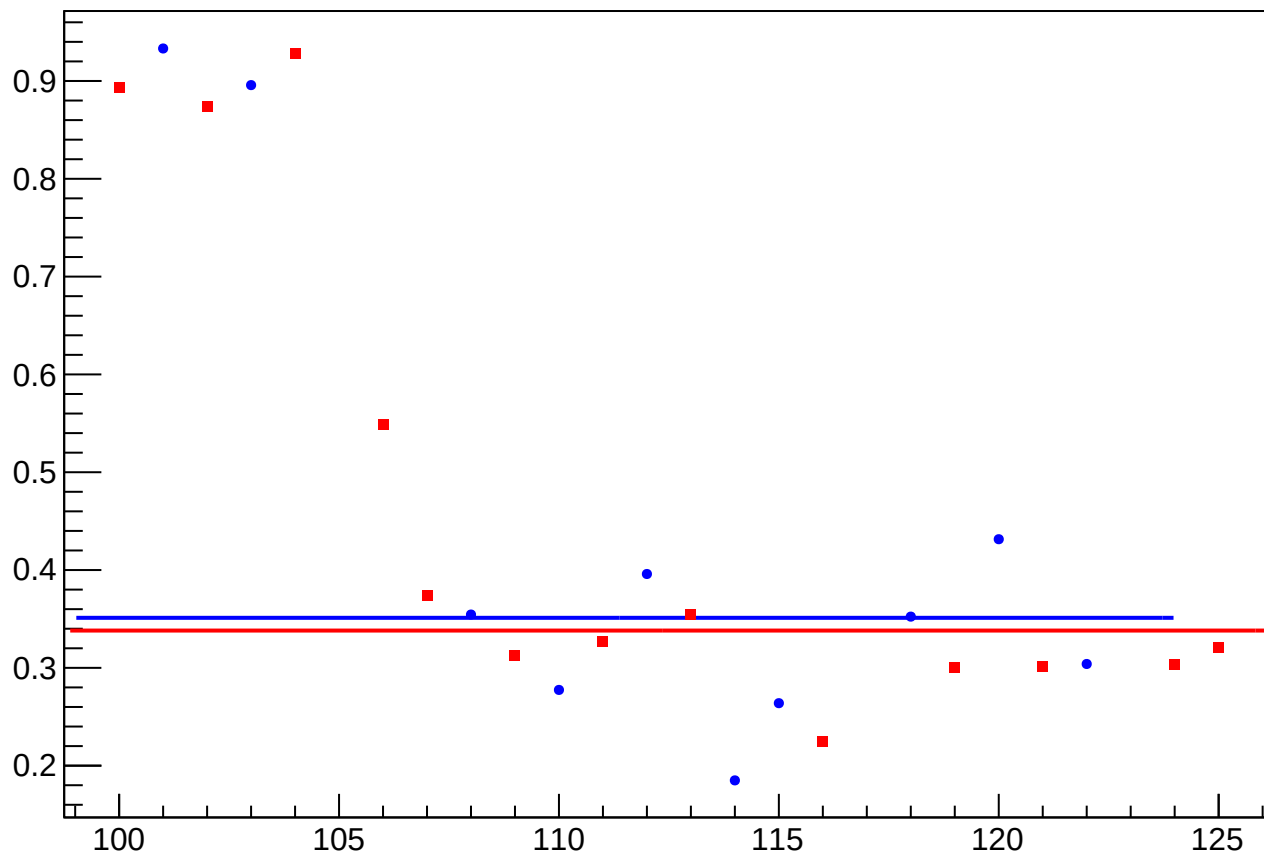
All: 0.344+/-0.000 χ^2/NDF : 2394182.8/22

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: 145.403 $\pm$ 0.000 χ^2 /NDF: 3939354315.2/12
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 146.209 $\pm$ 0.000 χ^2 /NDF: 6126624914.1/22

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: 0.338+/-0.000 χ^2/NDF : 1181630.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

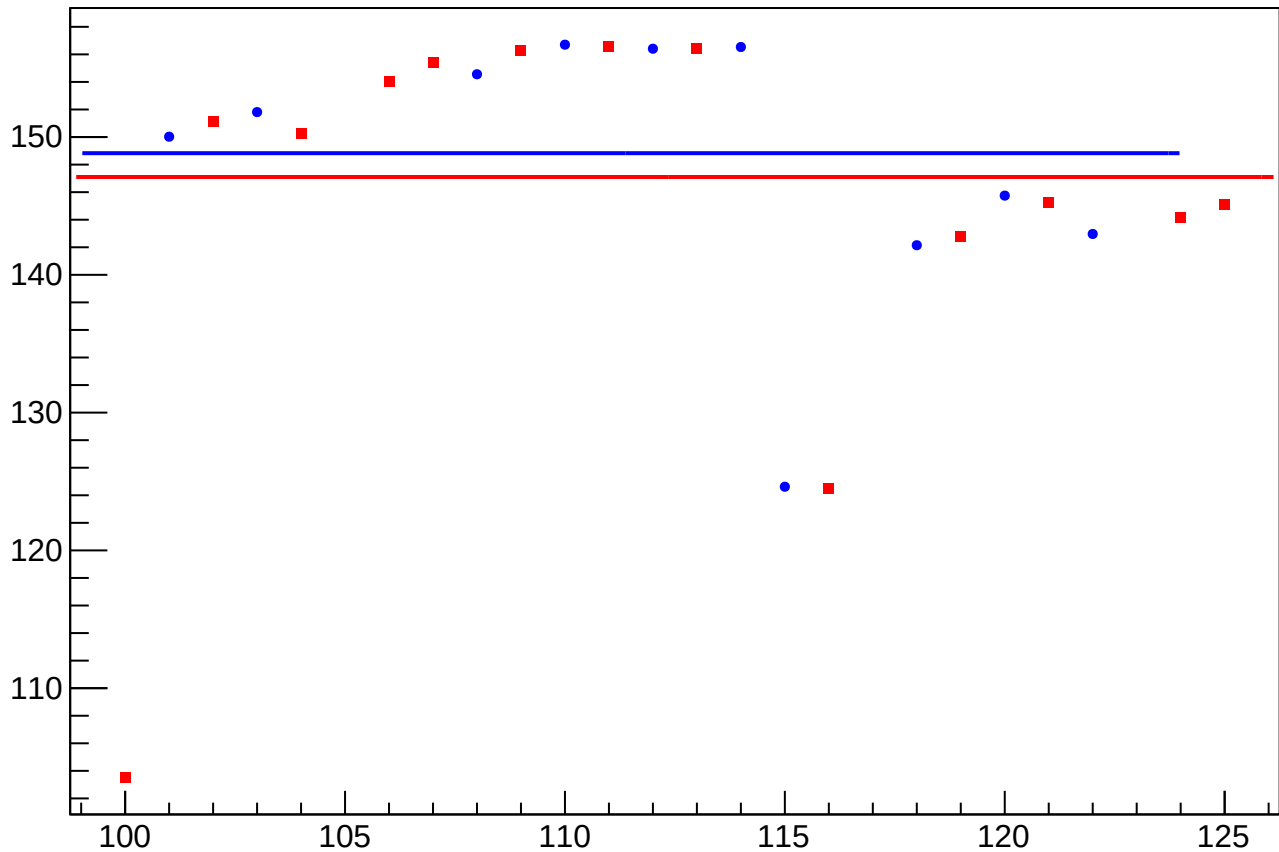
Right: 0.344+/-0.000 χ^2/NDF : 2390830.8/22

In: 0.351+/-0.000 χ^2/NDF : 1204272.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.344+/-0.000 χ^2/NDF : 2390830.8/22

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: 147.100+/-0.000 χ^2/NDF : 3541015838.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

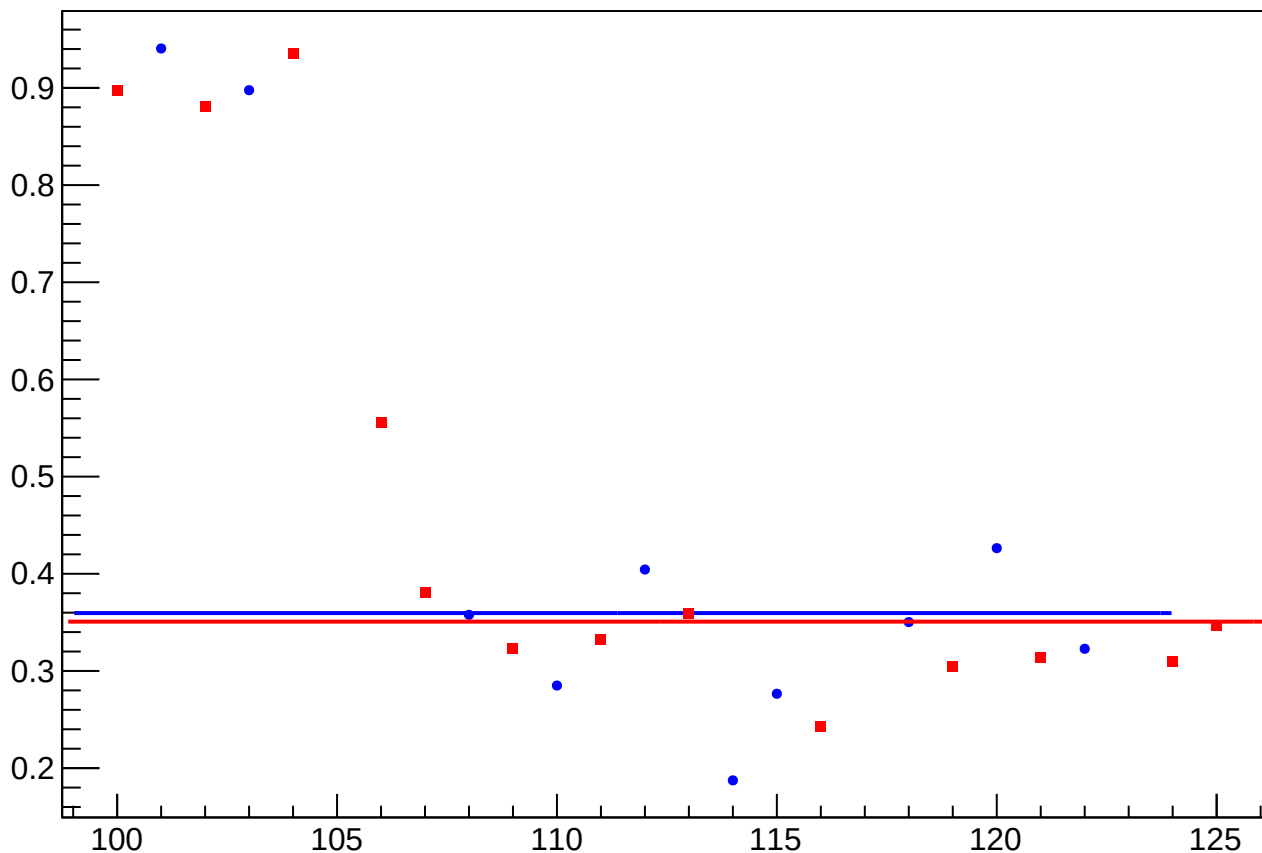
Right: 147.844+/-0.000 χ^2/NDF : 5539121667.3/22

In: 148.829+/-0.000 χ^2/NDF : 1957000561.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.844+/-0.000 χ^2/NDF : 5539121667.3

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.360+/-0.000 χ^2/NDF : 1167985.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.351+/-0.000 χ^2/NDF : 1122090.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

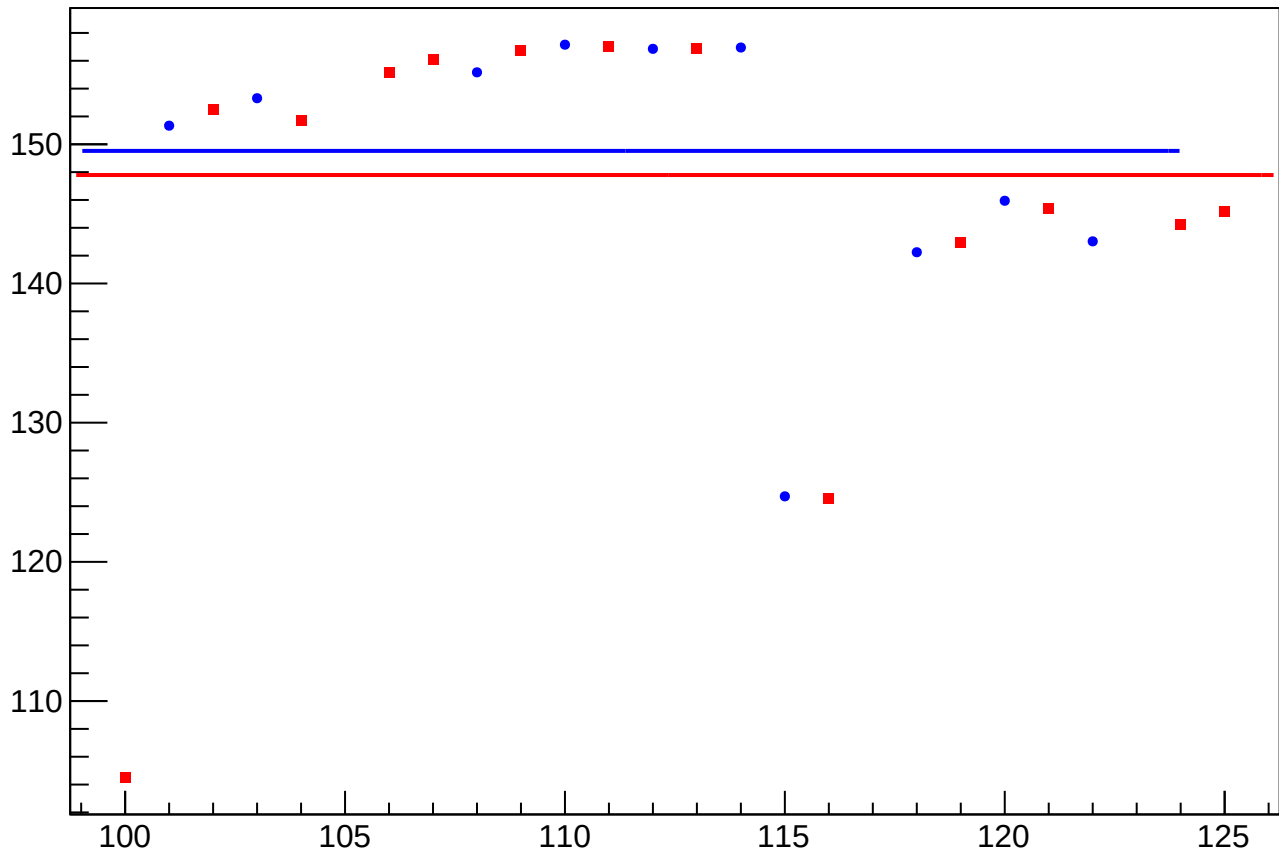
Right: 0.355+/-0.000 χ^2/NDF : 2292207.1/22

In: 0.360+/-0.000 χ^2/NDF : 1167985.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.355+/-0.000 χ^2/NDF : 2292207.1/22

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 149.526+/-0.000 χ^2/NDF : 2001760079.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.792+/-0.000 χ^2/NDF : 3598890194.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

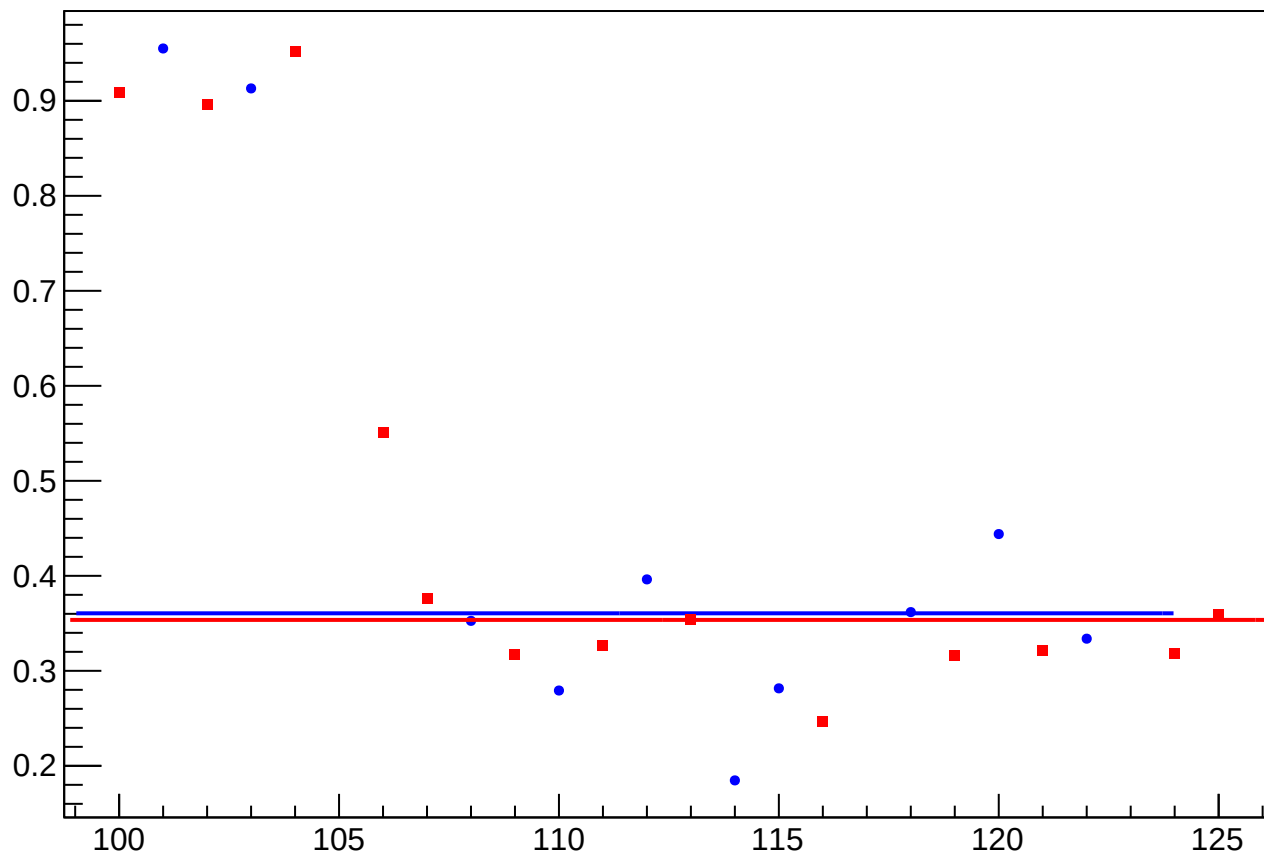
Right: 148.541+/-0.000 χ^2/NDF : 5641515298.6/22

In: 149.526+/-0.000 χ^2/NDF : 2001760079.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.541+/-0.000 χ^2/NDF : 5641515298.6

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: 0.354+/-0.000 χ^2/NDF : 1116034.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

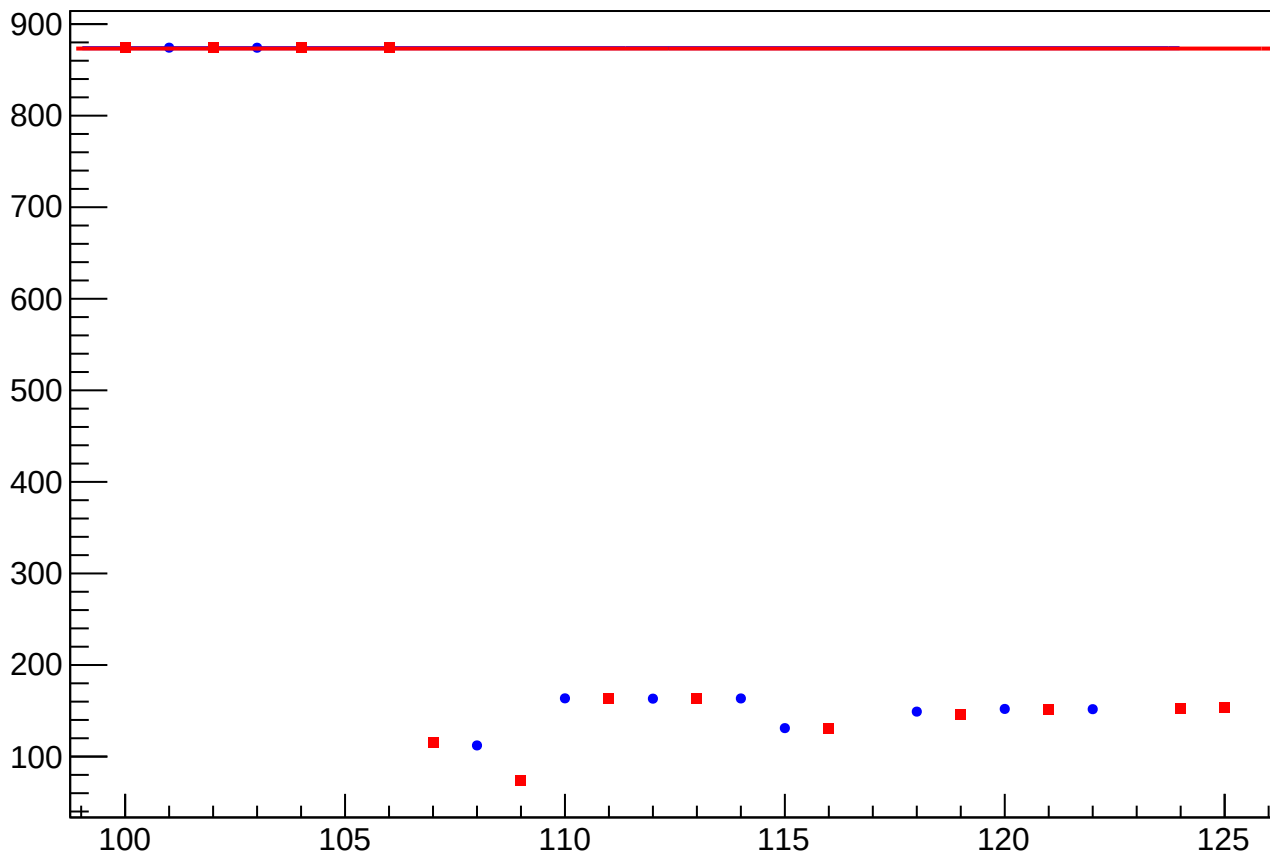
Right: 0.357+/-0.000 χ^2/NDF : 2317536.1/22

In: 0.361+/-0.000 χ^2/NDF :1200191.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

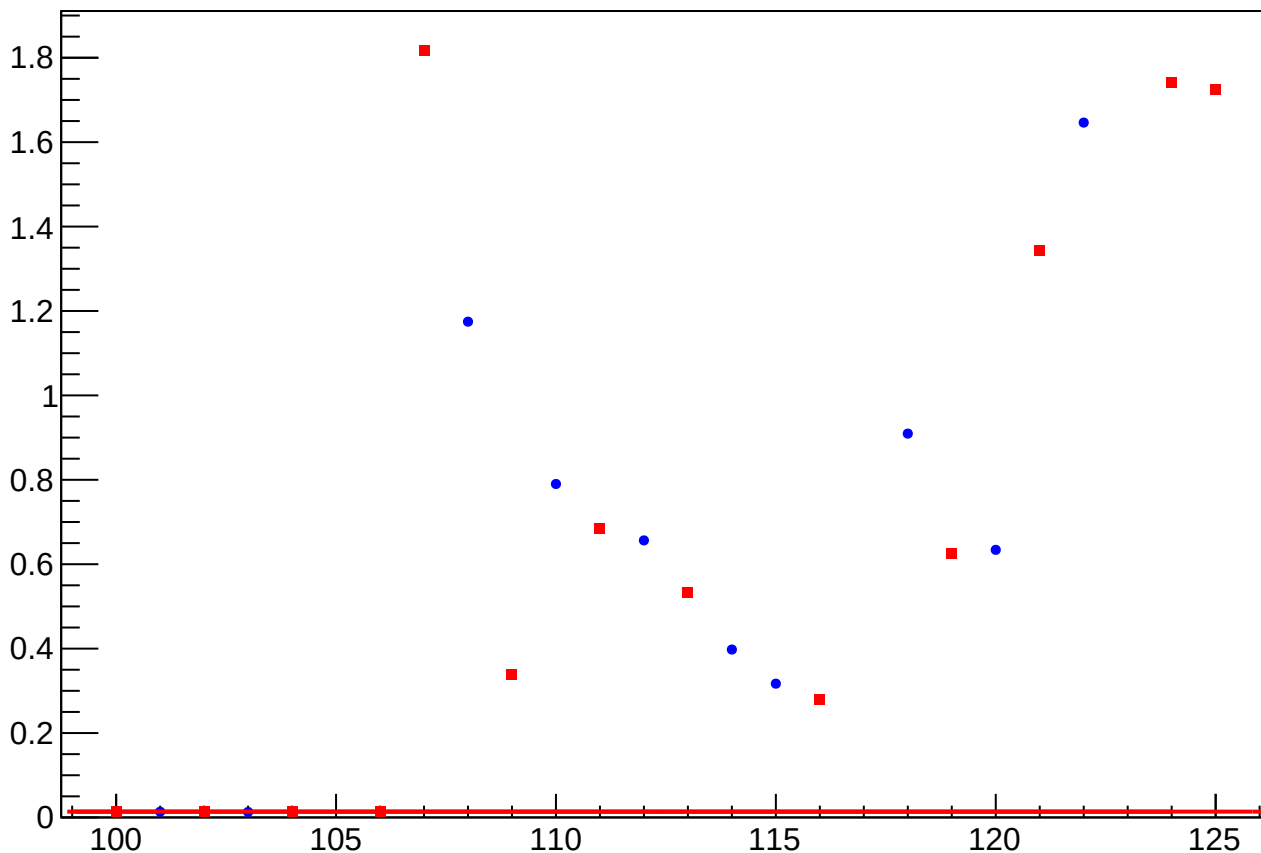
All: 0.357+/-0.000 χ^2/NDF : 2317536.1/22

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: 873.270+/-0.000 χ^2/NDF : 5664112186419.6/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 873.475+/-0.000 χ^2/NDF : 8318848570664.7

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 : 5306364.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

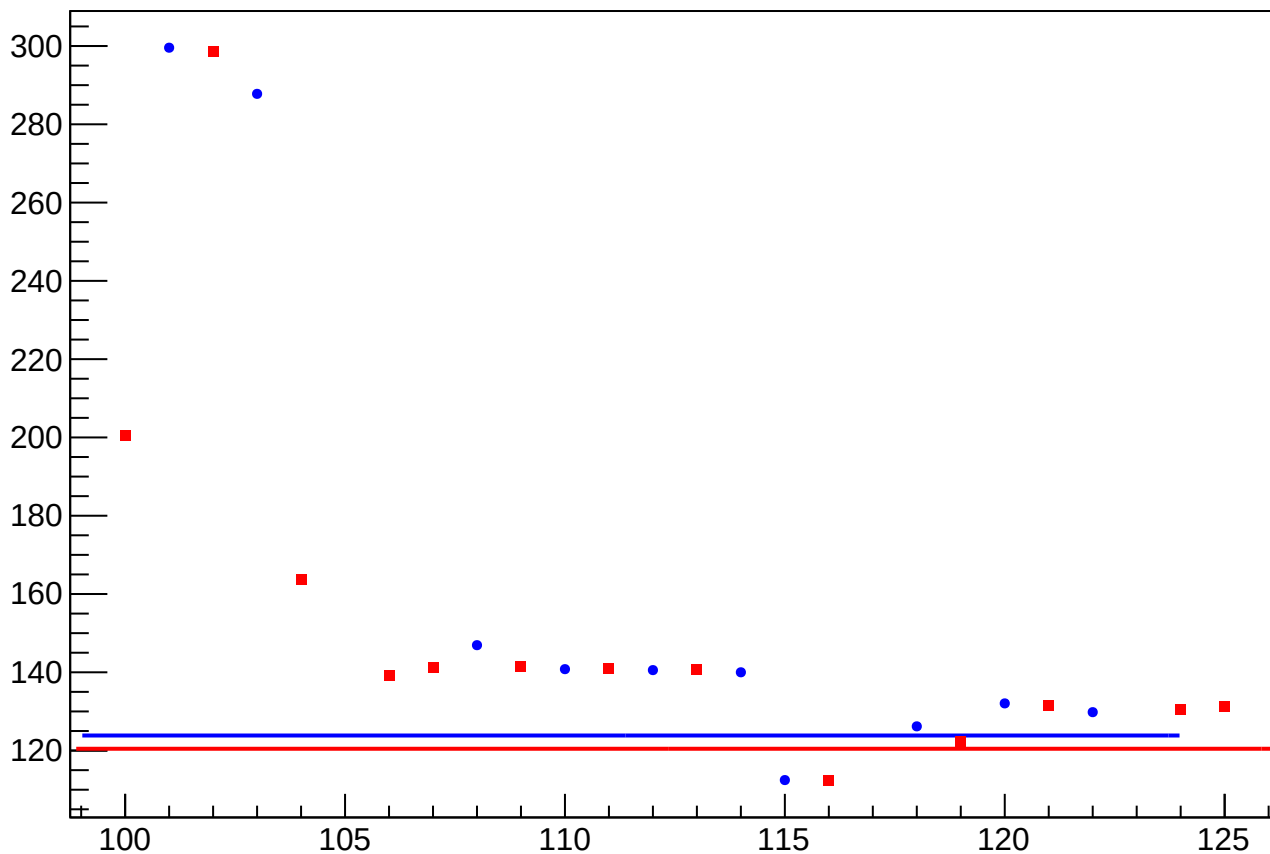
Right: 0.014+/-0.000 χ^2/NDF : 9860173.8/22

In: 0.014+/-0.000 χ^2/NDF :4553771.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

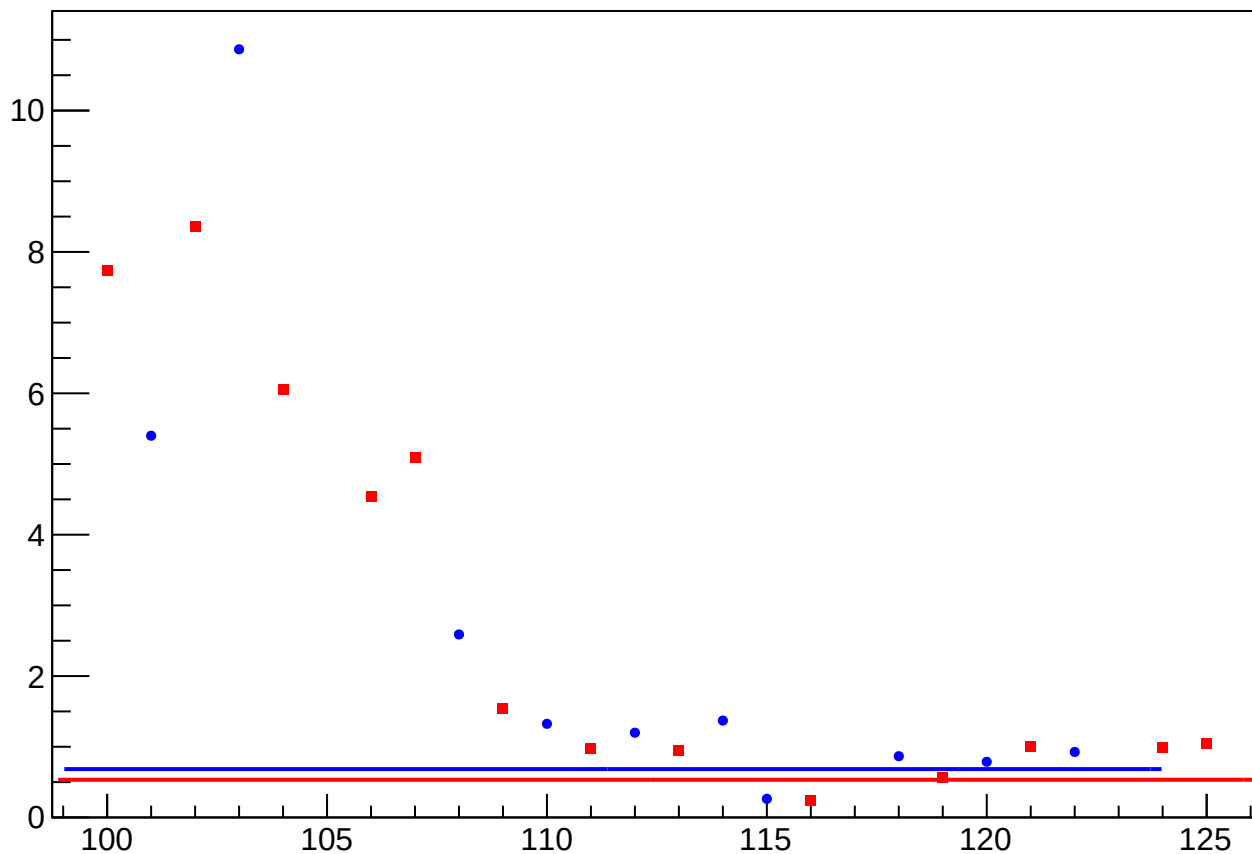
All: 0.014+/-0.000 χ^2/NDF : 9860173.8/22

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 123.852+/-0.001 χ^2/NDF : 1222190049.3/9
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 121.686+/-0.000 χ^2/NDF : 2333062463.9/22
 Right Out: 120.466+/-0.000 χ^2/NDF : 1082032209.1/12
 In: 123.852+/-0.001 χ^2/NDF : 1222190049.3/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 121.686+/-0.000 χ^2/NDF : 2333062463.9

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: 0.533+/-0.000 χ^2/NDF : 4382049.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

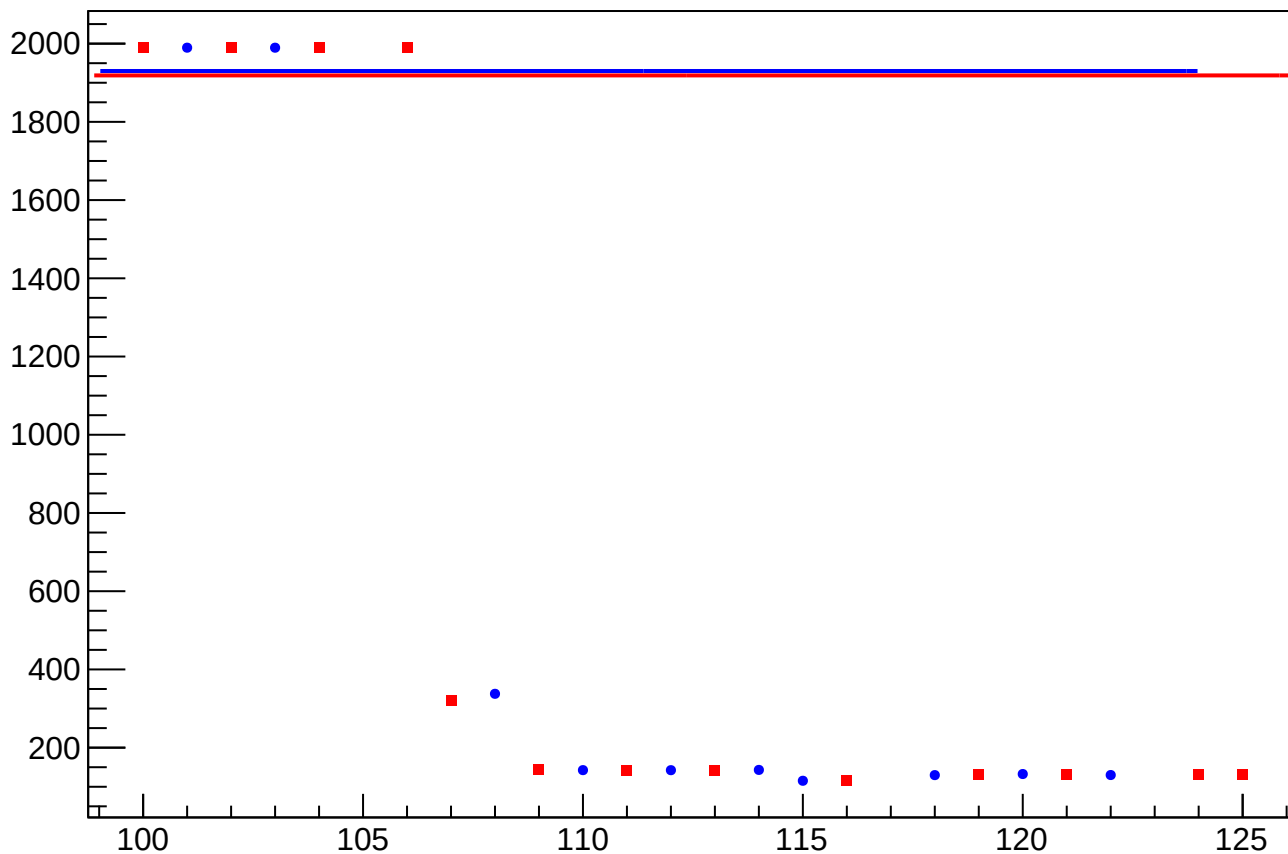
Right: 0.588+/-0.000 χ^2/NDF : 7924629.1/22

In: 0.684+/-0.000 χ^2/NDF : 3428236.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

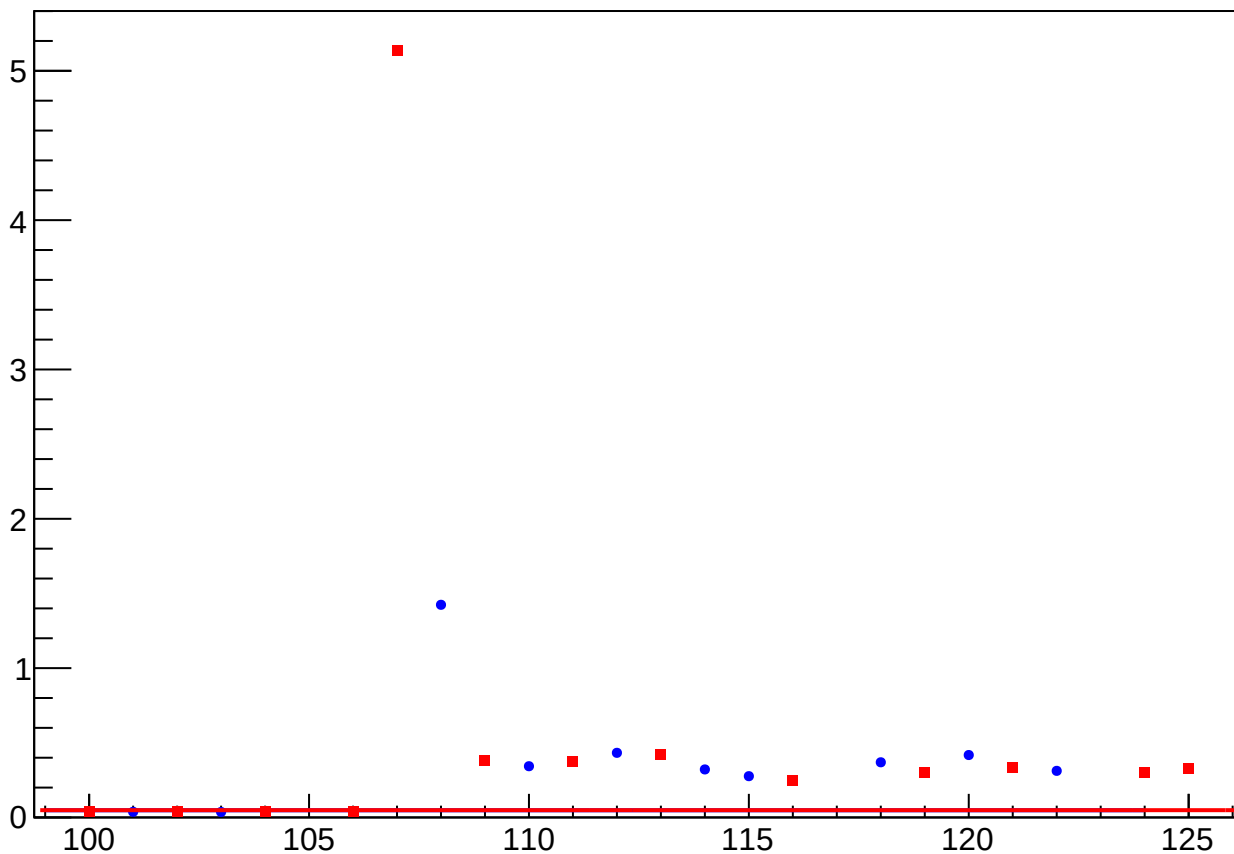
All: 0.588+/-0.000 χ^2/NDF : 7924629.1/22

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: 1918.739+/-0.000 χ^2/NDF : 81836574328831.9/12
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 1923.894+/-0.000 χ^2/NDF : 13984445792166

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: 0.049+/-0.000 χ^2/NDF : 4452673.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

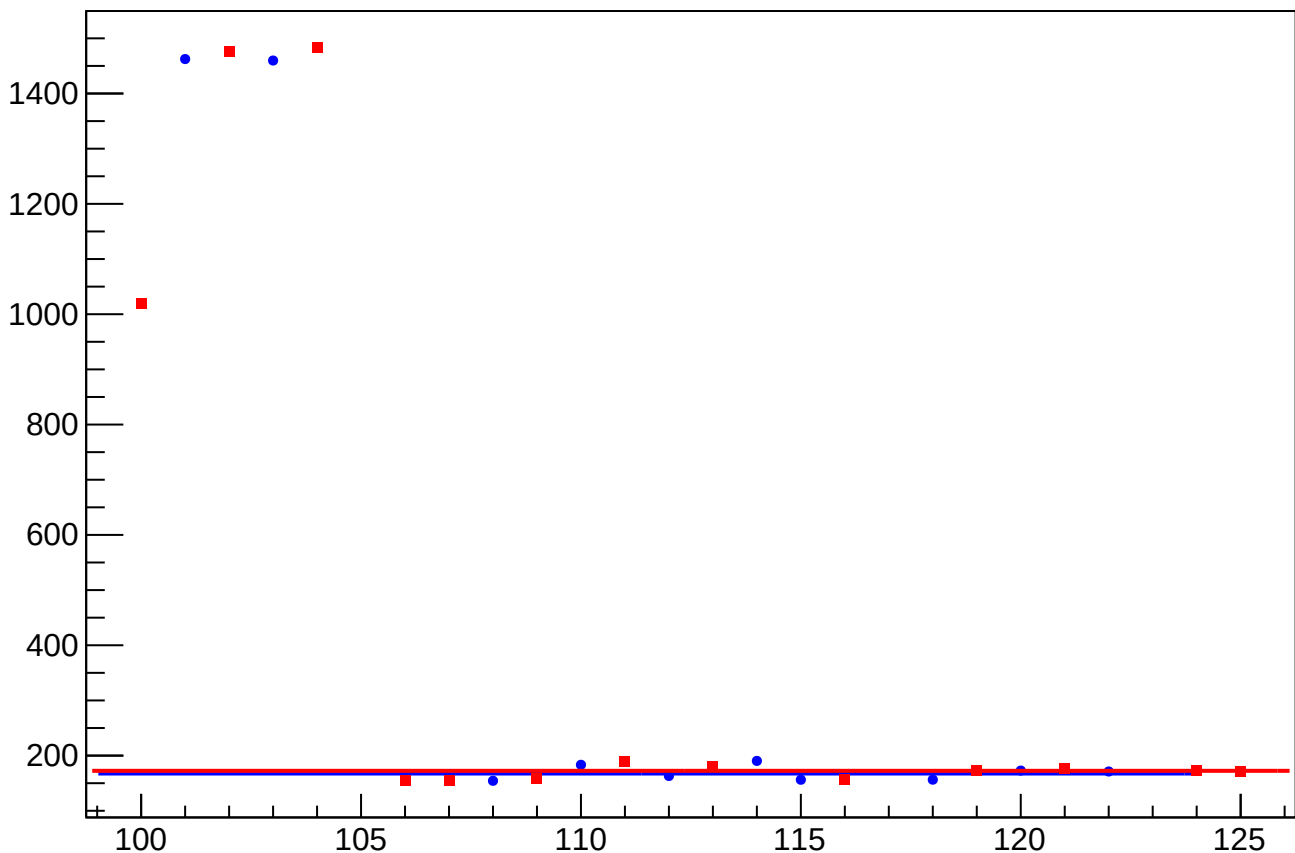
Right: 0.048+/-0.000 χ^2/NDF : 8487431.9/22

In: 0.048+/-0.000 χ^2/NDF : 4034504.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

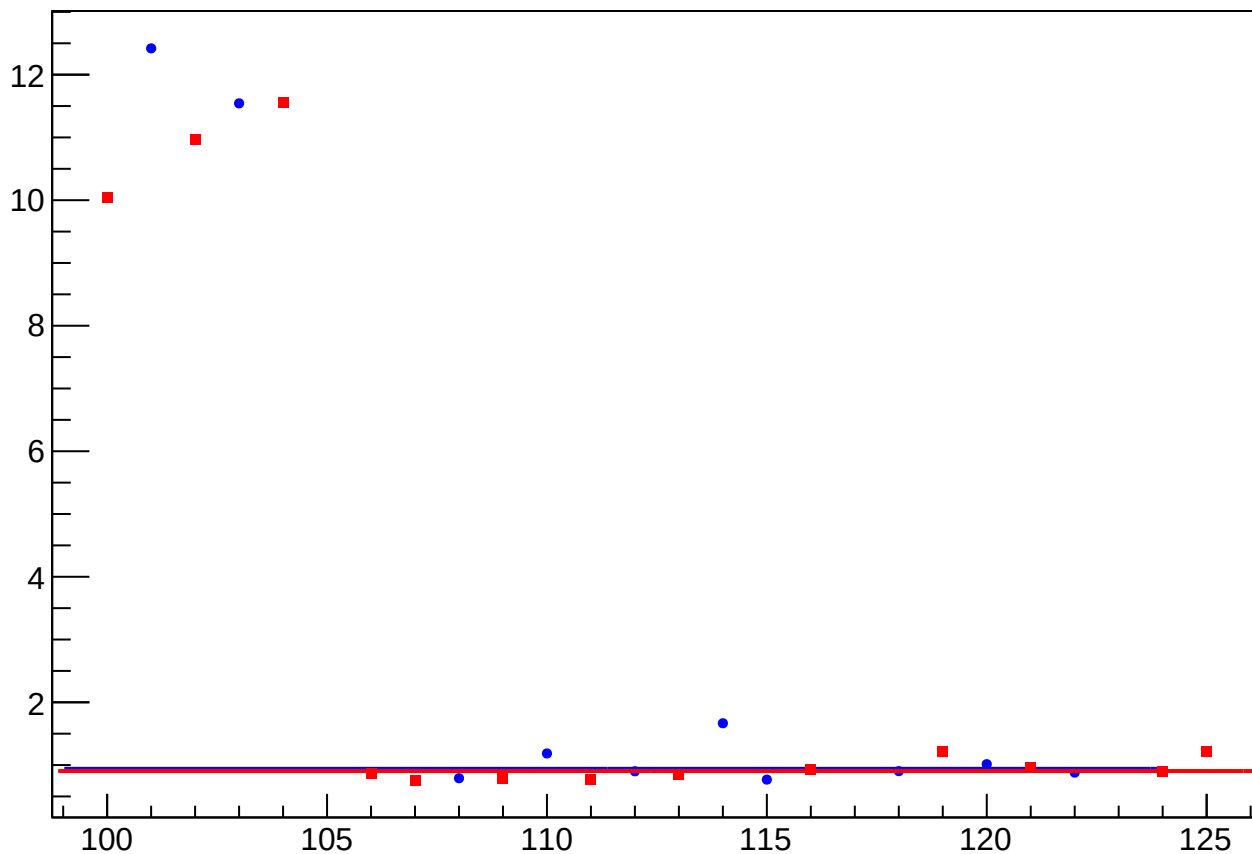
All: 0.048+/-0.000 χ^2/NDF : 8487431.9/22

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 167.552 $\pm$ 0.001 χ^2 /NDF: 14338018331.8/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 172.419 $\pm$ 0.001 χ^2 /NDF: 16040946643.9/12
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 170.305 $\pm$ 0.000 χ^2 /NDF: 30412061225.6/22
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 170.305 $\pm$ 0.000 χ^2 /NDF: 30412061225.6/22
 In: 167.552 $\pm$ 0.001 χ^2 /NDF:14338018331.8/9
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.940+/-0.000 χ^2/NDF : 2144281.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.905+/-0.000 χ^2/NDF : 2115224.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

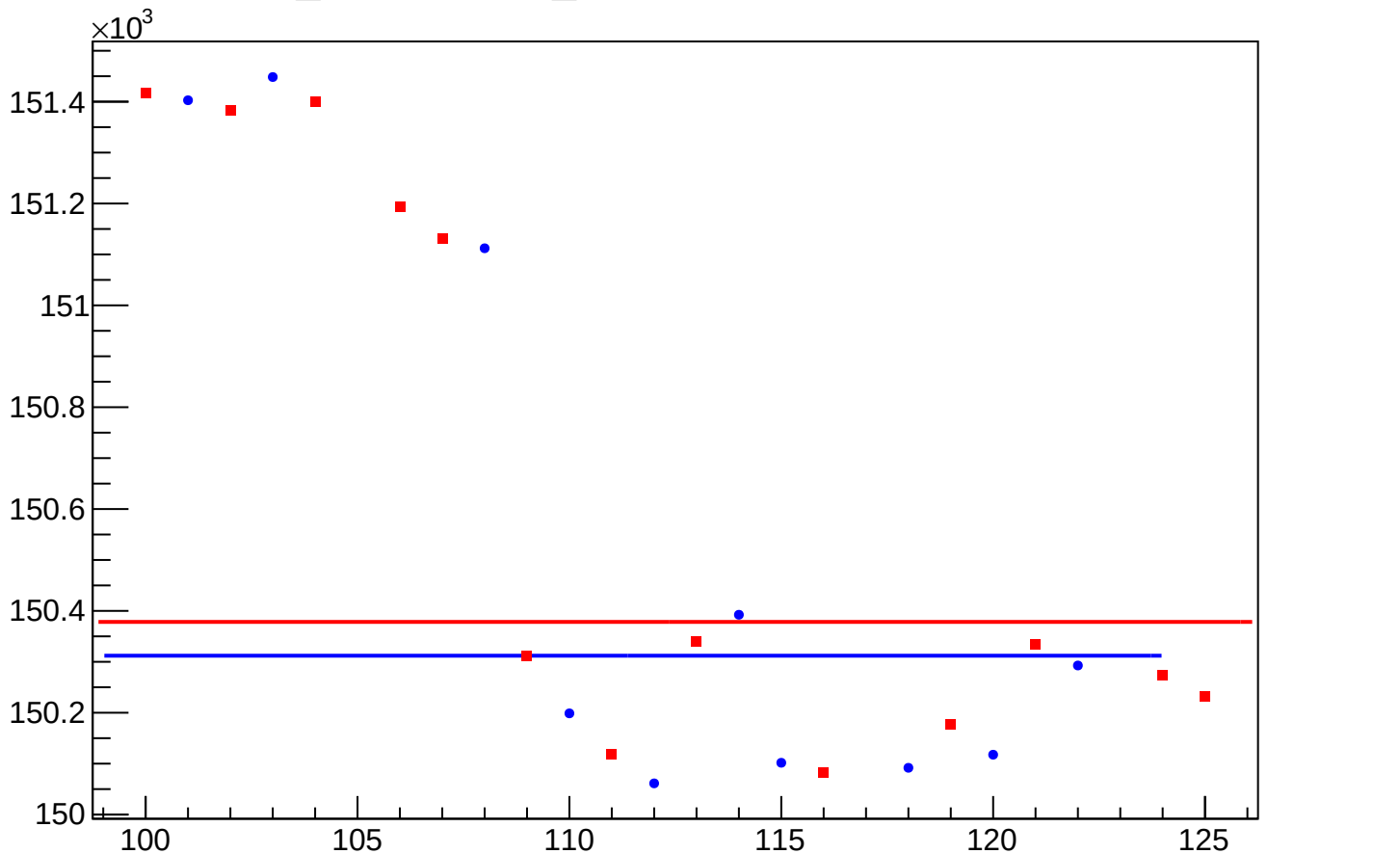
Right: 0.920+/-0.000 χ^2/NDF : 4262902.2/22

In: 0.940+/-0.000 χ^2/NDF : 2144281.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

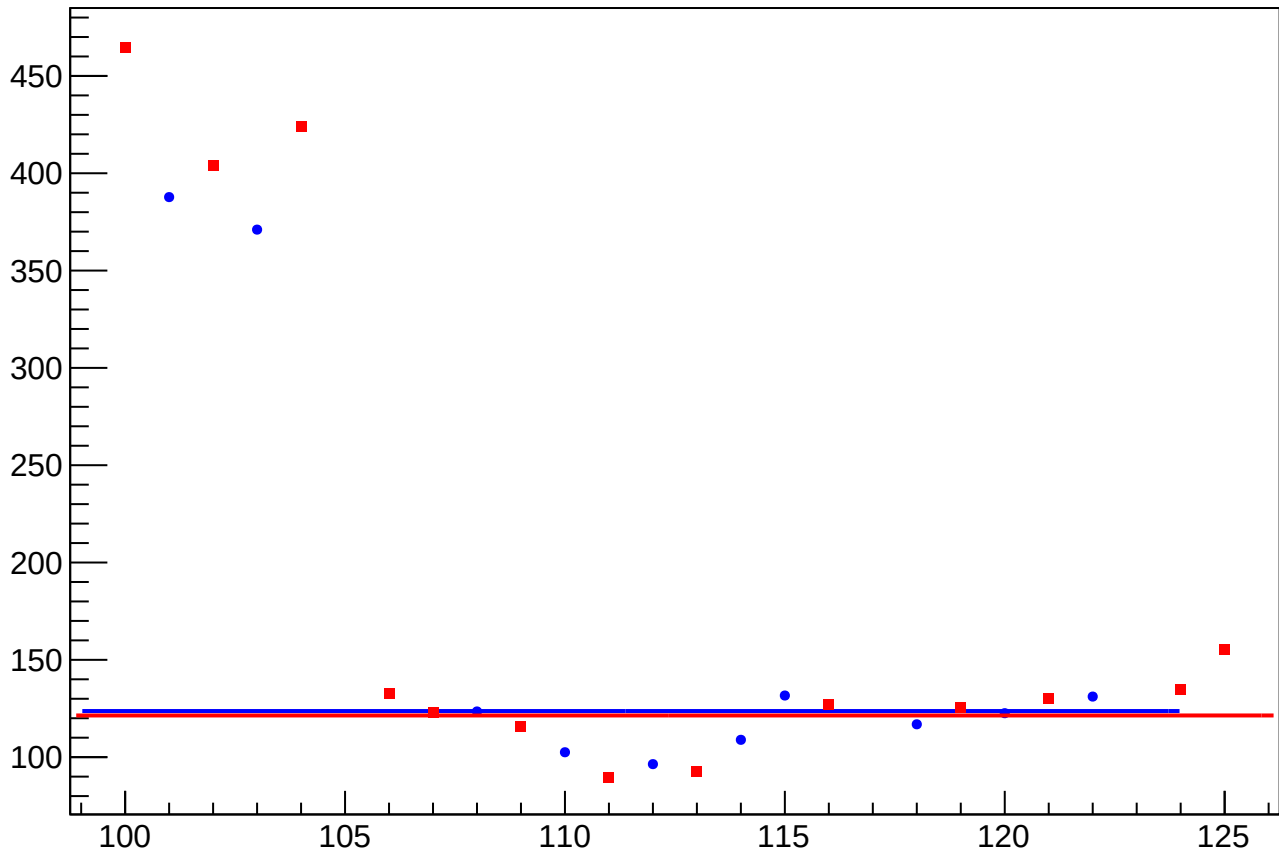
All: 0.920+/-0.000 χ^2/NDF : 4262902.2/22

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 150311.984 $\pm$ 0.068 χ^2 /NDF: 33125297.9/9
 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: 150349.509 $\pm$ 0.045 χ^2 /NDF: 69072304.8/22
 In: 150311.984 $\pm$ 0.068 χ^2 /NDF: 33125297.9/9
 Right Out: 150378.341 $\pm$ 0.060 χ^2 /NDF: 35409249.8/12
 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: 150349.509 $\pm$ 0.045 χ^2 /NDF: 69072304.8/22

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: 121.420+/-0.042 χ^2/NDF : 1477269.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

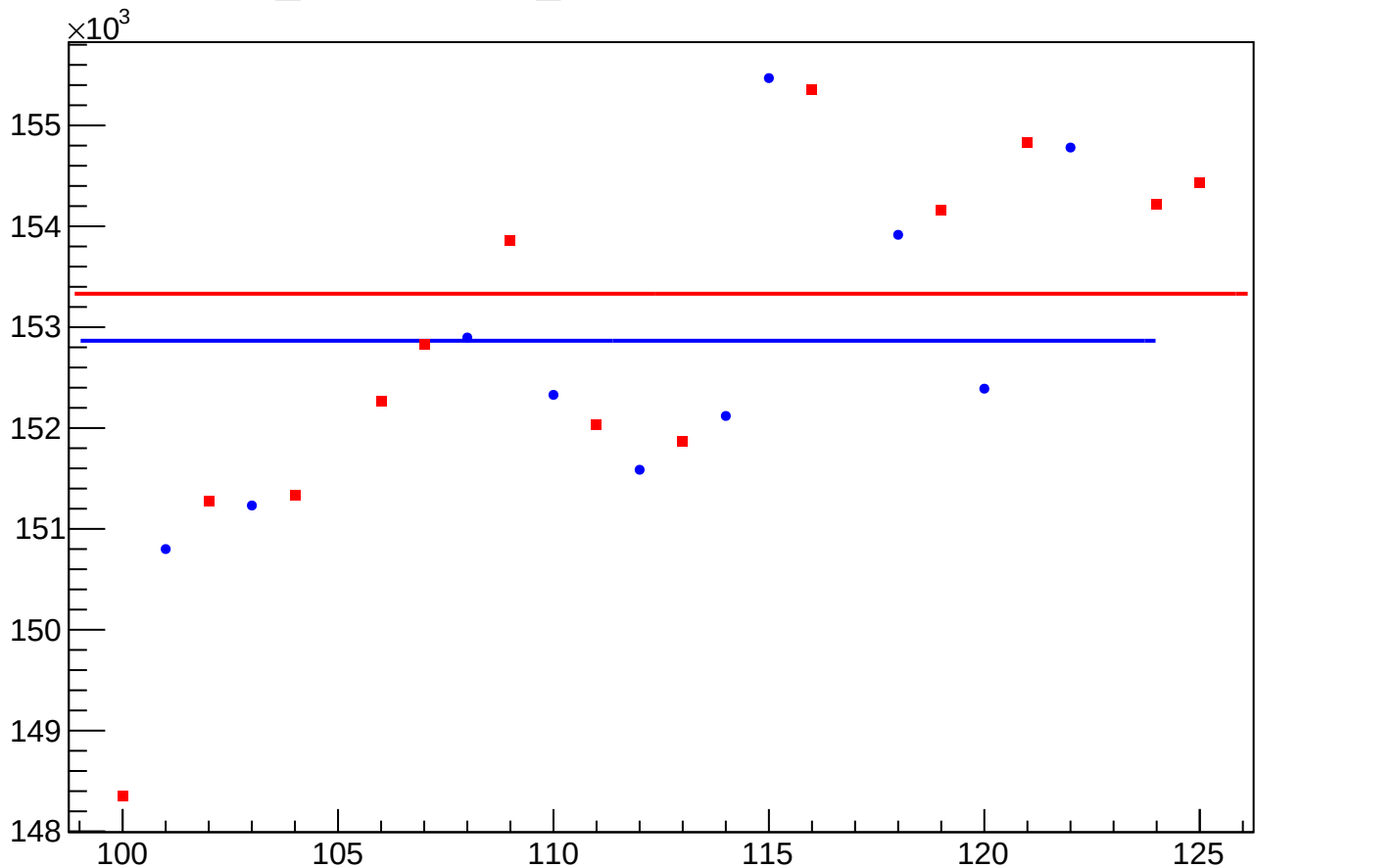
Right: 122.409+/-0.032 χ^2/NDF : 2702976.5/22

In: 123.695+/-0.048 χ^2/NDF : 1224442.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

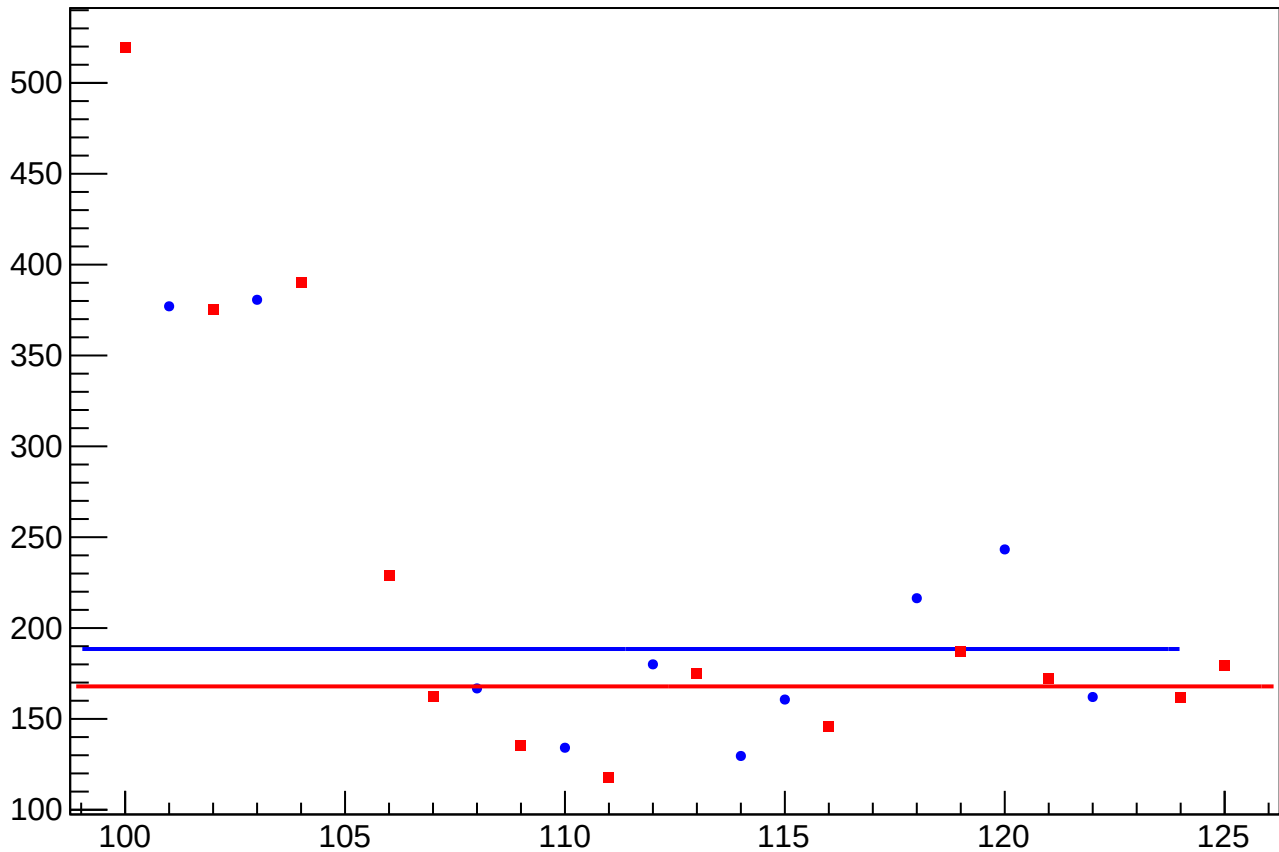
All: 122.409+/-0.032 χ^2/NDF : 2702976.5/22

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: 153149.986+/-0.065 χ^2/NDF : 393189306.8/2
 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: 153149.986+/-0.065 χ^2/NDF : 393189306.8/2

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: 167.890+/-0.059 χ^2/NDF : 1066171.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

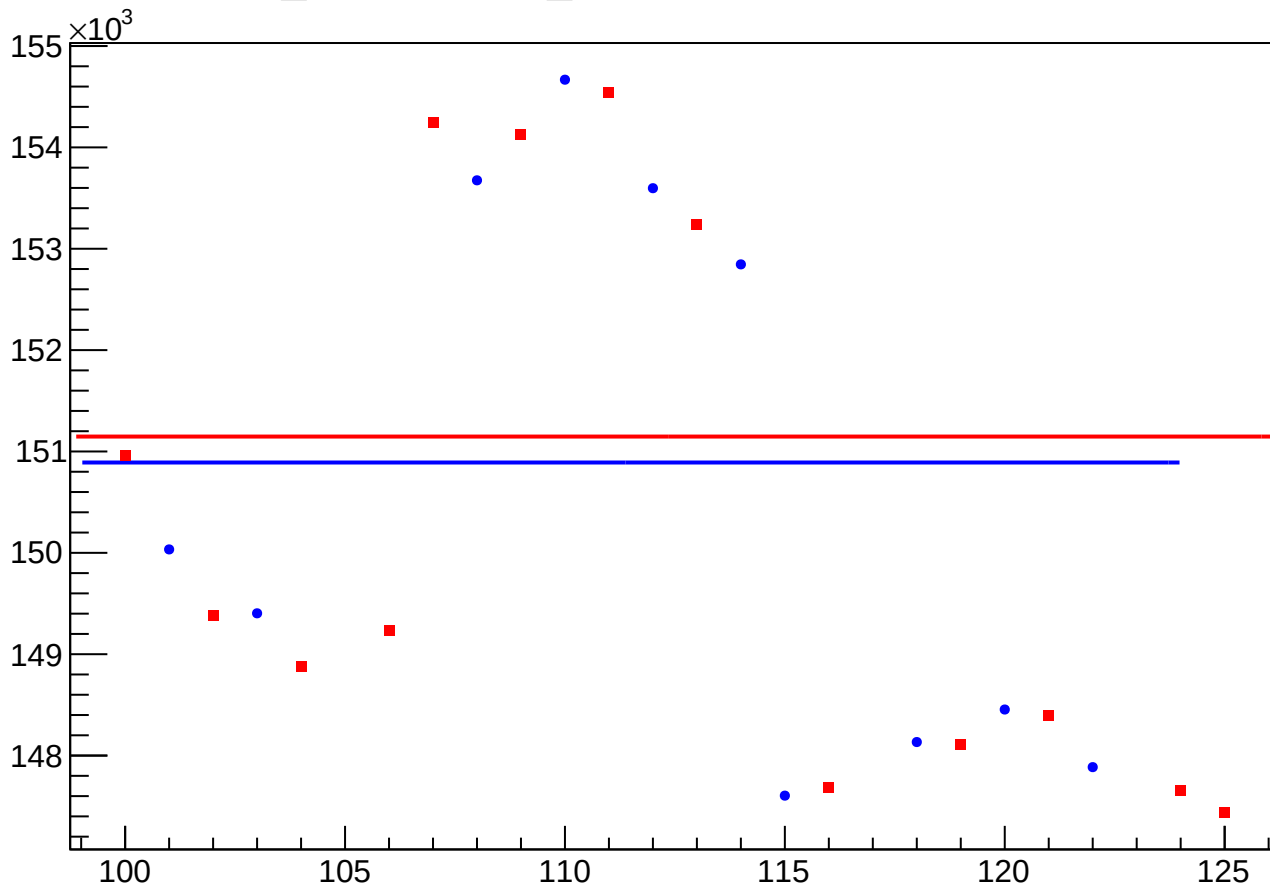
Right: 175.897+/-0.046 χ^2/NDF : 1987023.2/22

In: 188.470+/-0.074 χ^2/NDF :873210.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 175.897+/-0.046 χ^2/NDF : 1987023.2/22

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 150891.211+/-0.080 χ^2 /NDF: 1270070994.3/9

Right: 151033.294+/-0.054 χ^2 /NDF: 2984490390.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

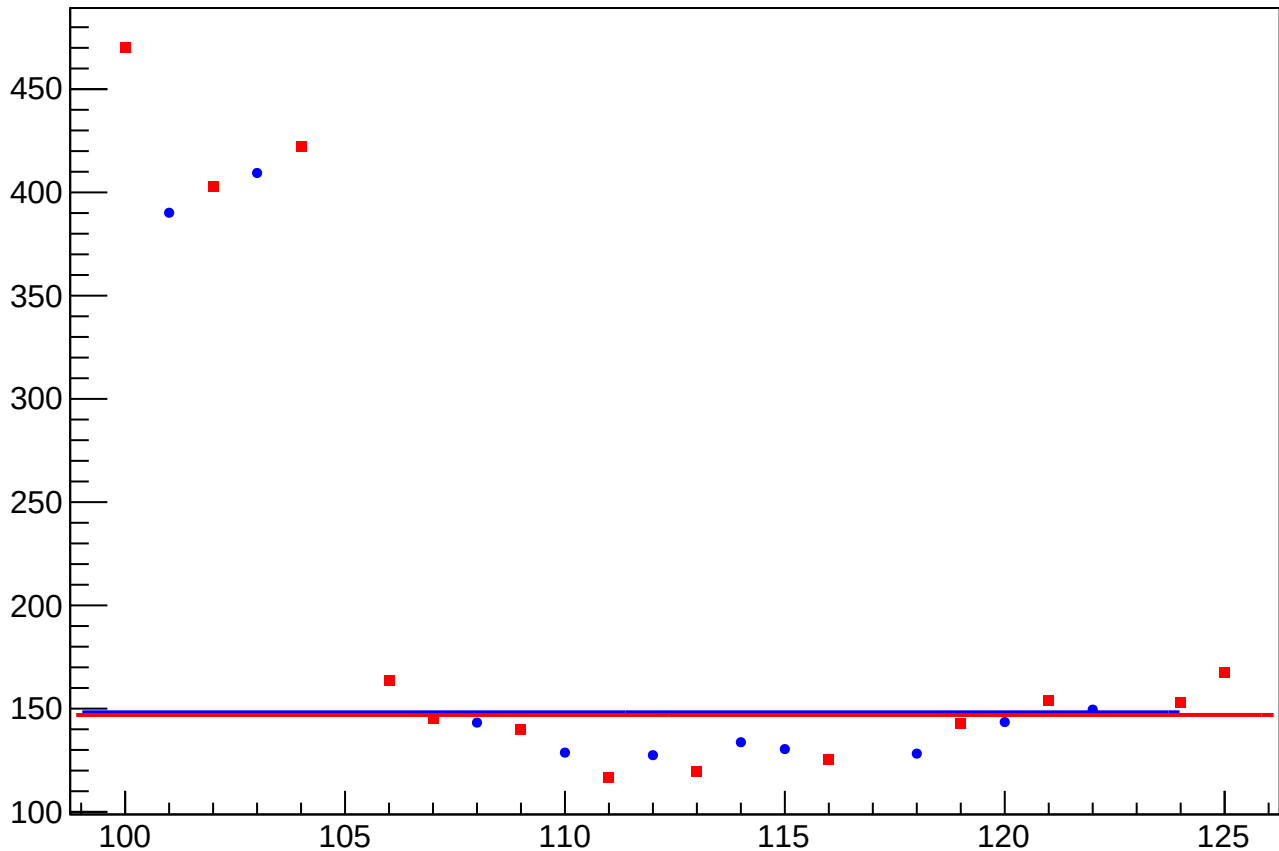
Right Out: 151147.183+/-0.072 χ^2 /NDF: 1708769579.9/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 151033.294+/-0.054 χ^2 /NDF: 2984490390.7/12

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: 146.937+/-0.051 χ^2/NDF : 1169129.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

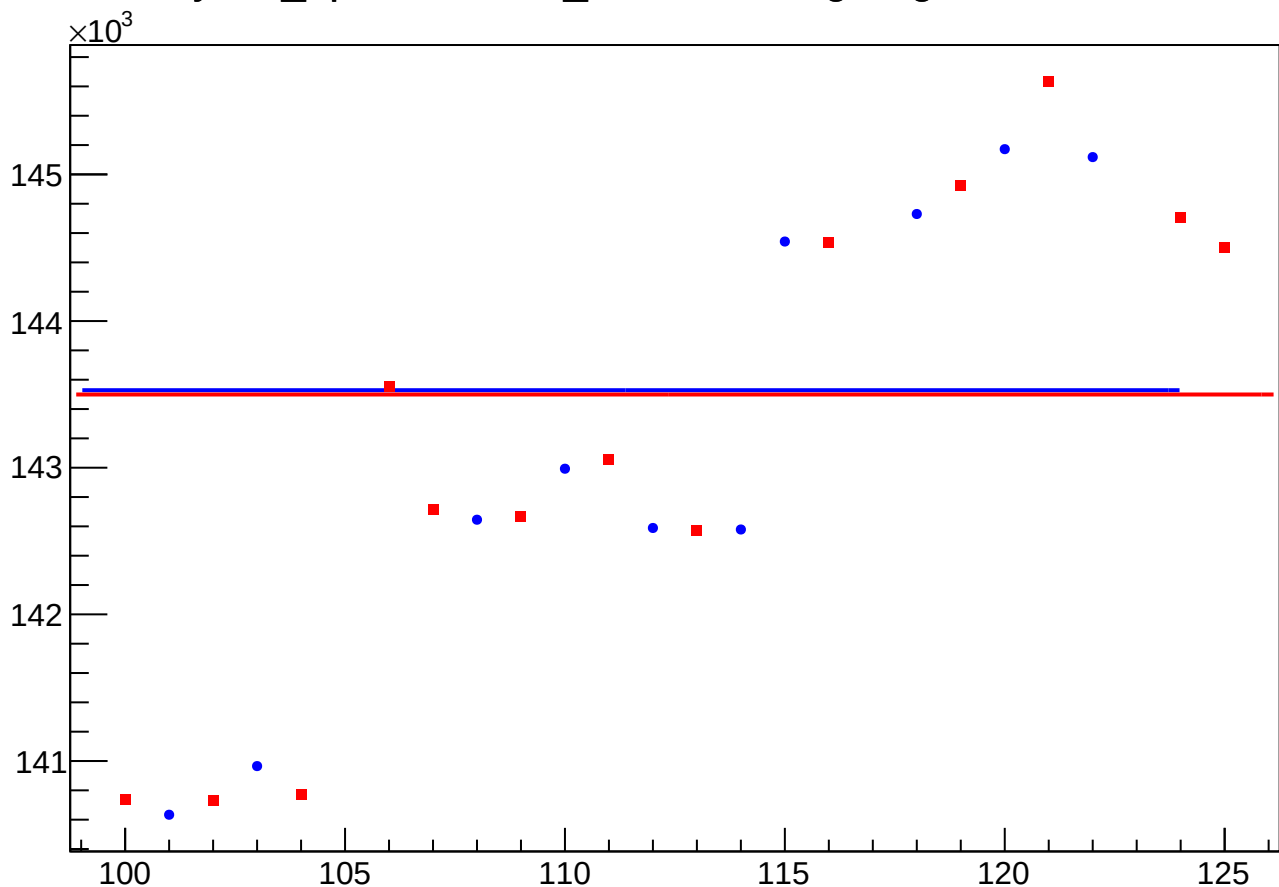
Right: 147.502+/-0.038 χ^2/NDF : 2238263.3/22

In: 148.208+/-0.057 χ^2/NDF : 1068854.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

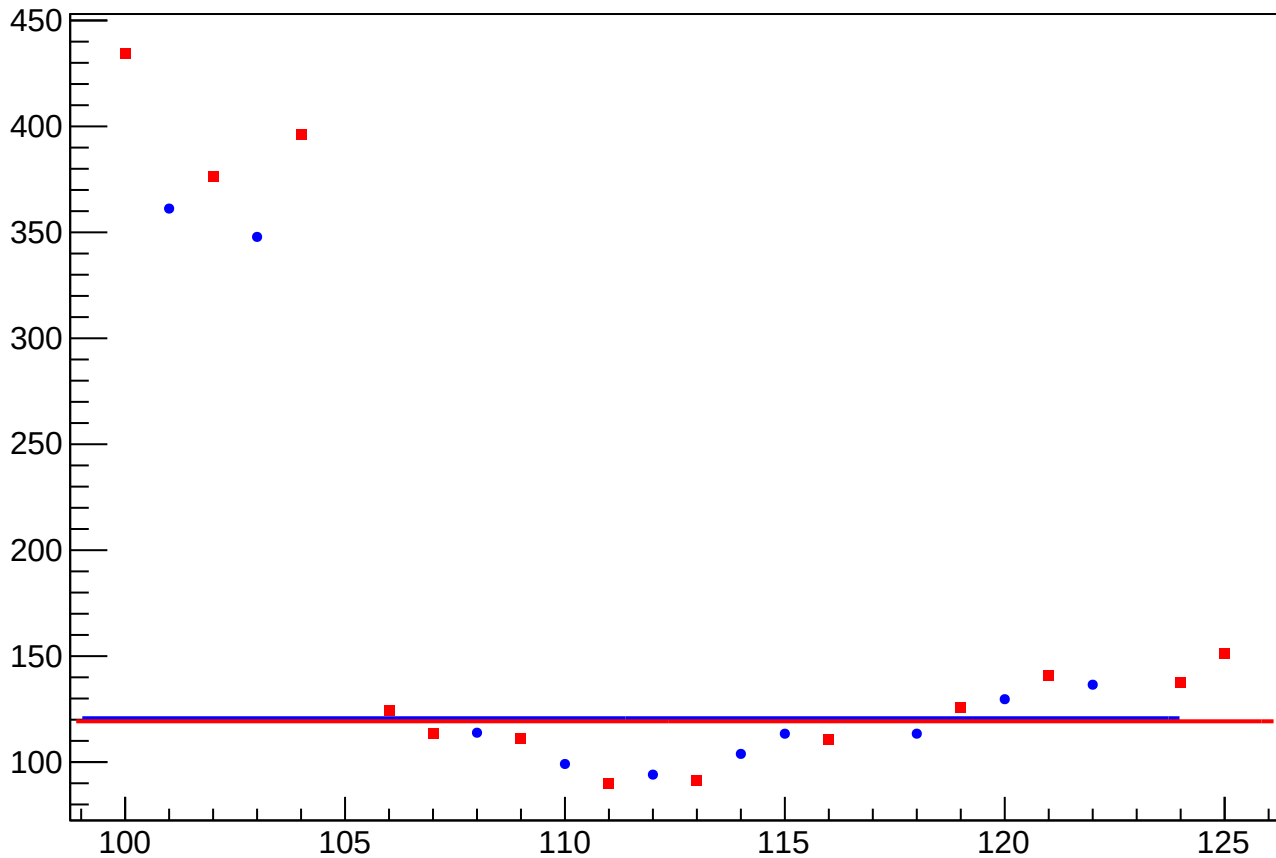
All: 147.502+/-0.038 χ^2/NDF : 2238263.3/22

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 143528.472+/-0.066 χ^2 /NDF: 338046107.1/9
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right Out: 143499.170+/-0.058 χ^2 /NDF: 376734533.2/12
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 143511.967+/-0.044 χ^2 /NDF: 714890600.2/20

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: 119.244 $\pm$ 0.041 χ^2 /NDF: 1427743.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

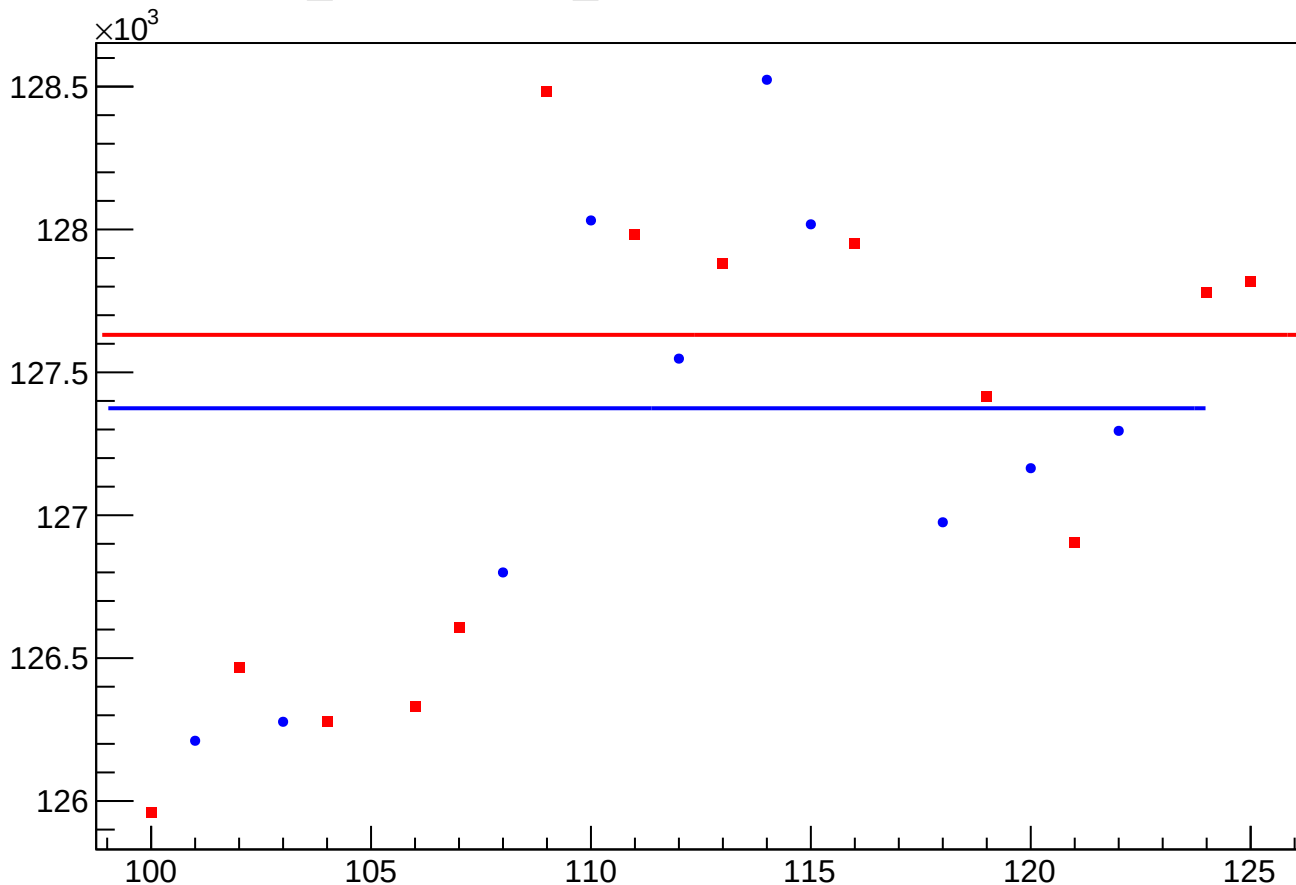
Right: 119.874 $\pm$ 0.031 χ^2 /NDF: 2628653.5/22

In: 120.687 $\pm$ 0.047 χ^2 /NDF:1200377.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

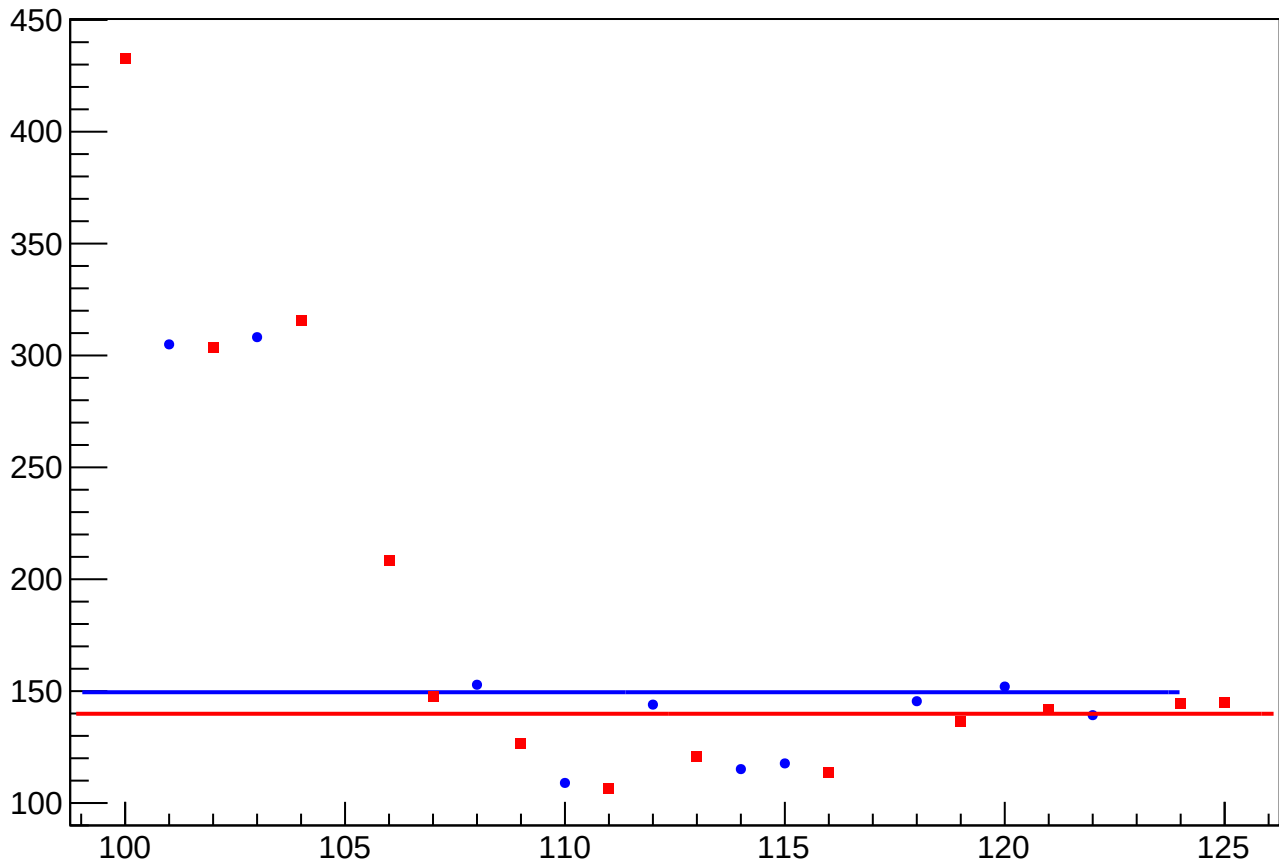
All: 119.874 $\pm$ 0.031 χ^2 /NDF: 2628653.5/22

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: 127631.221 $\pm$ 0.067 χ^2 /NDF: 86606081.9/12
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 127524.833 $\pm$ 0.051 χ^2 /NDF: 148230382.1/2
 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: 127524.833 $\pm$ 0.051 χ^2 /NDF: 148230382

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 149.507 $\pm$ 0.056 χ^2 /NDF: 803420.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 139.883 $\pm$ 0.047 χ^2 /NDF: 970404.7/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

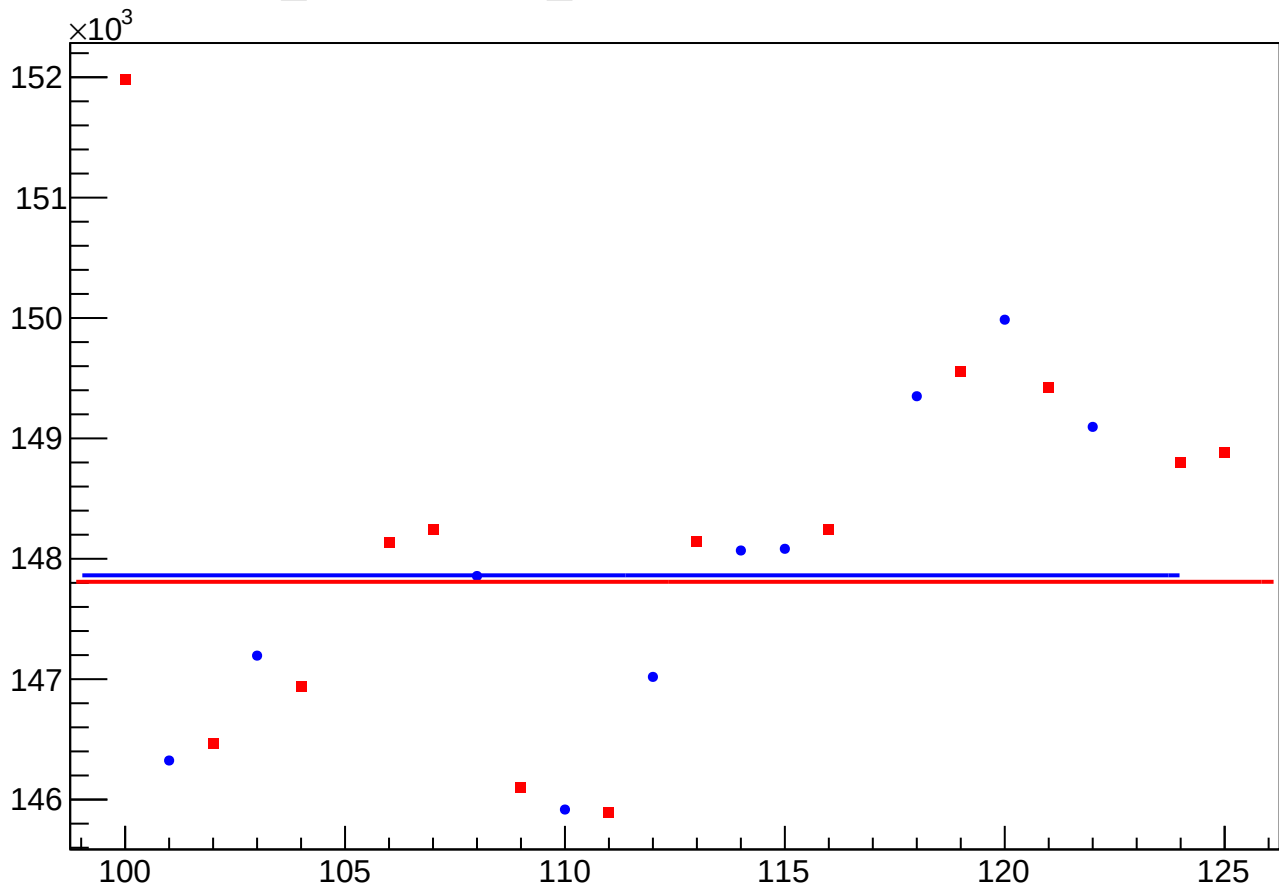
Right: 143.869 $\pm$ 0.036 χ^2 /NDF: 1790852.4/22

In: 149.507 $\pm$ 0.056 χ^2 /NDF:803420.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 143.869 $\pm$ 0.036 χ^2 /NDF: 1790852.4/22

yield_bpm0l02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 147830.116+/-0.076 χ^2 /NDF: 295497123.8/2

In: 147862.604+/-0.120 χ^2 /NDF: 98678562.5/9

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 147830.116+/-0.076 χ^2 /NDF: 295497123.8/2

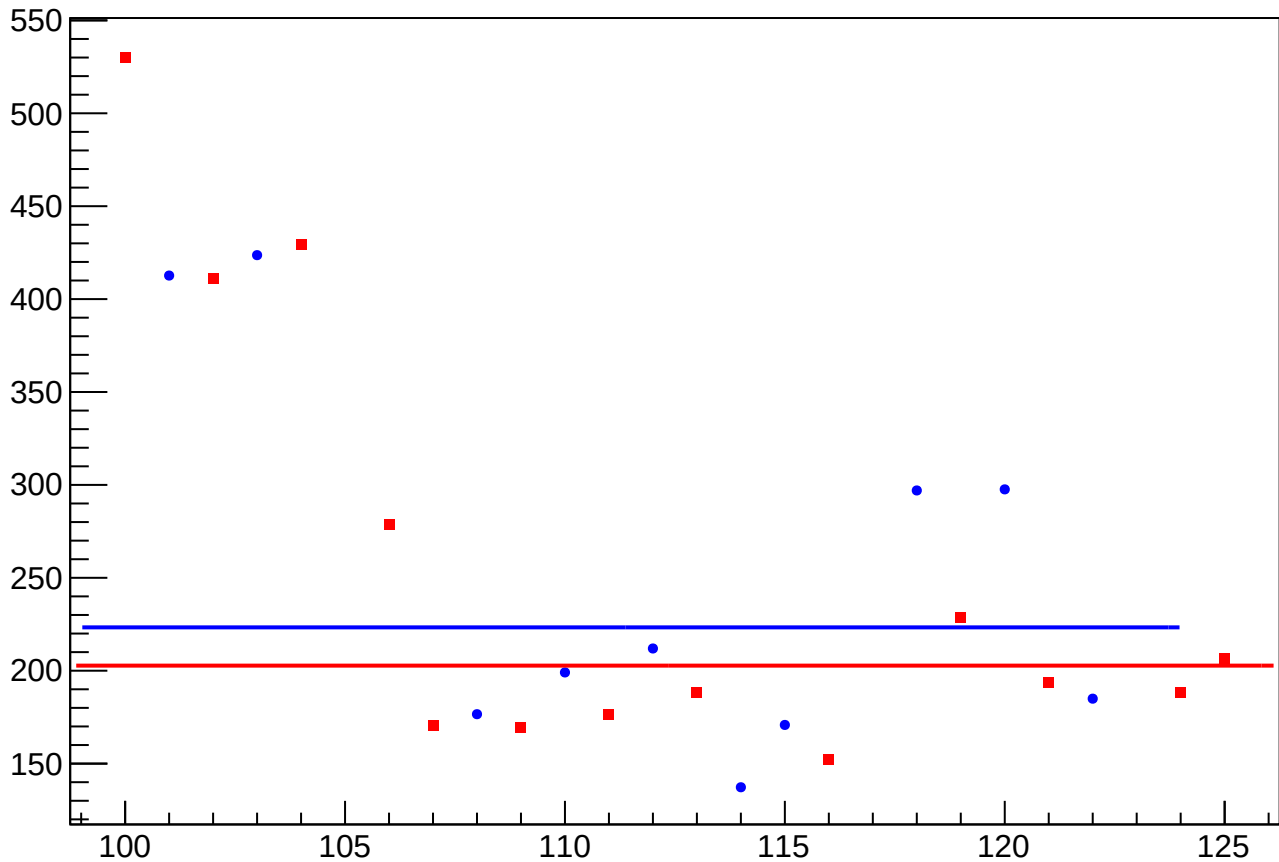
Right In: 147862.604+/-0.120 χ^2 /NDF: 98678562.5/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 147808.850+/-0.097 χ^2 /NDF: 196697533.4/12

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 223.328+/-0.085 χ^2/NDF : 863203.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 202.738+/-0.069 χ^2/NDF : 865653.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

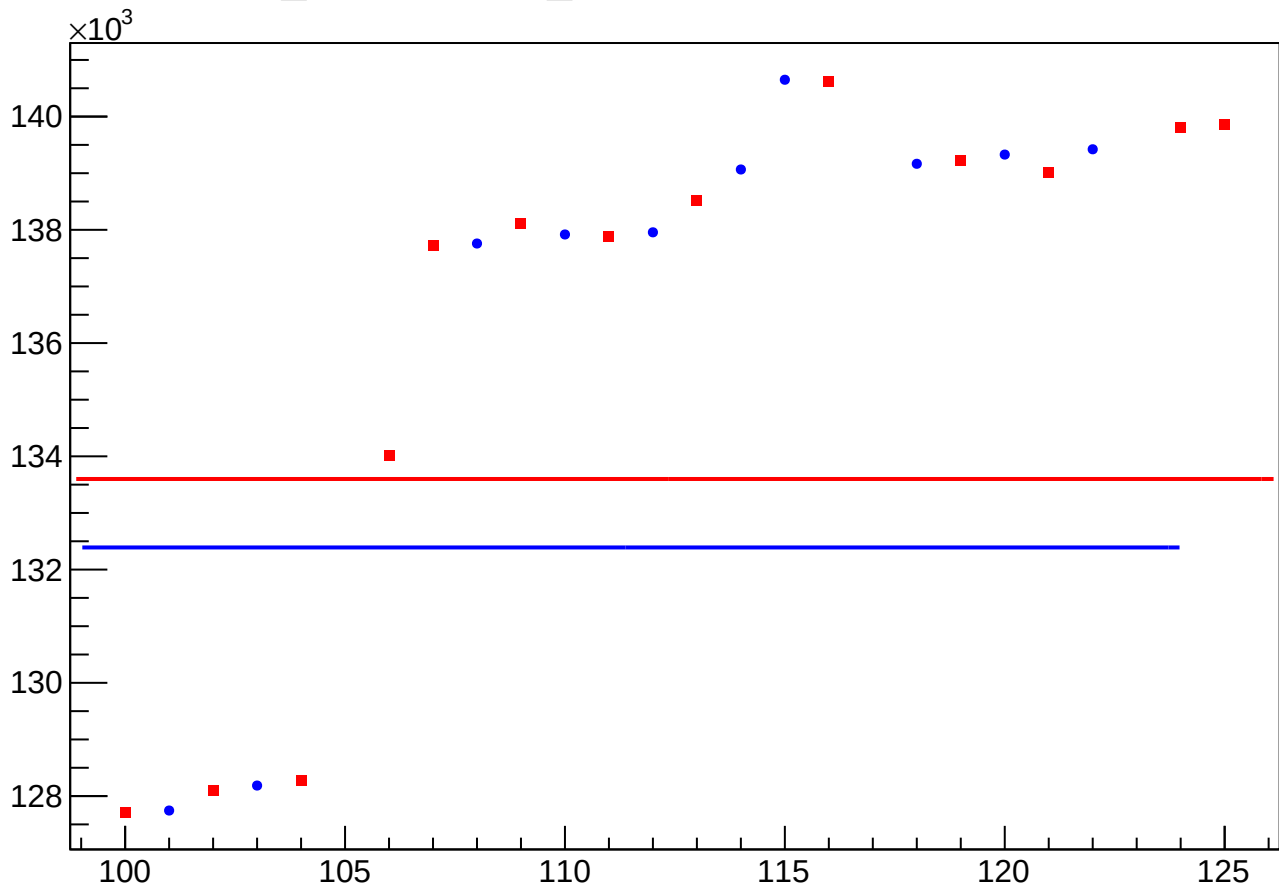
Right: 210.884+/-0.053 χ^2/NDF : 1764369.7/22

In: 223.328+/-0.085 χ^2/NDF : 863203.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 210.884+/-0.053 χ^2/NDF : 1764369.7/22

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

Right: 133031.175+/-0.148 χ^2 /NDF: 1300323342.4/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 133599.892+/-0.203 χ^2 /NDF: 683897985.7/12

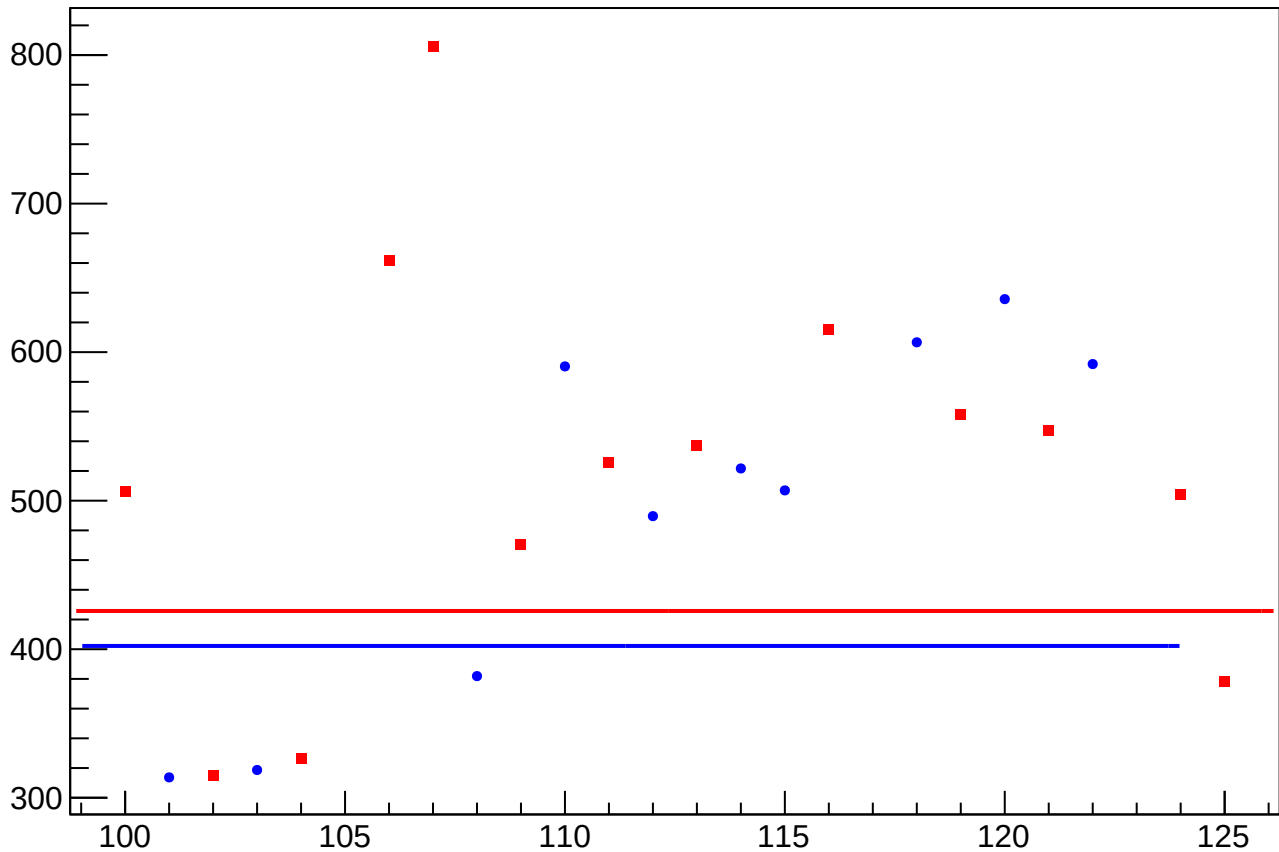
In: 132390.747+/-0.216 χ^2 /NDF: 599783285.9/9

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 133031.175+/-0.148 χ^2 /NDF: 1300323342.4/9

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: 425.743+/-0.144 χ^2/NDF : 673224.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

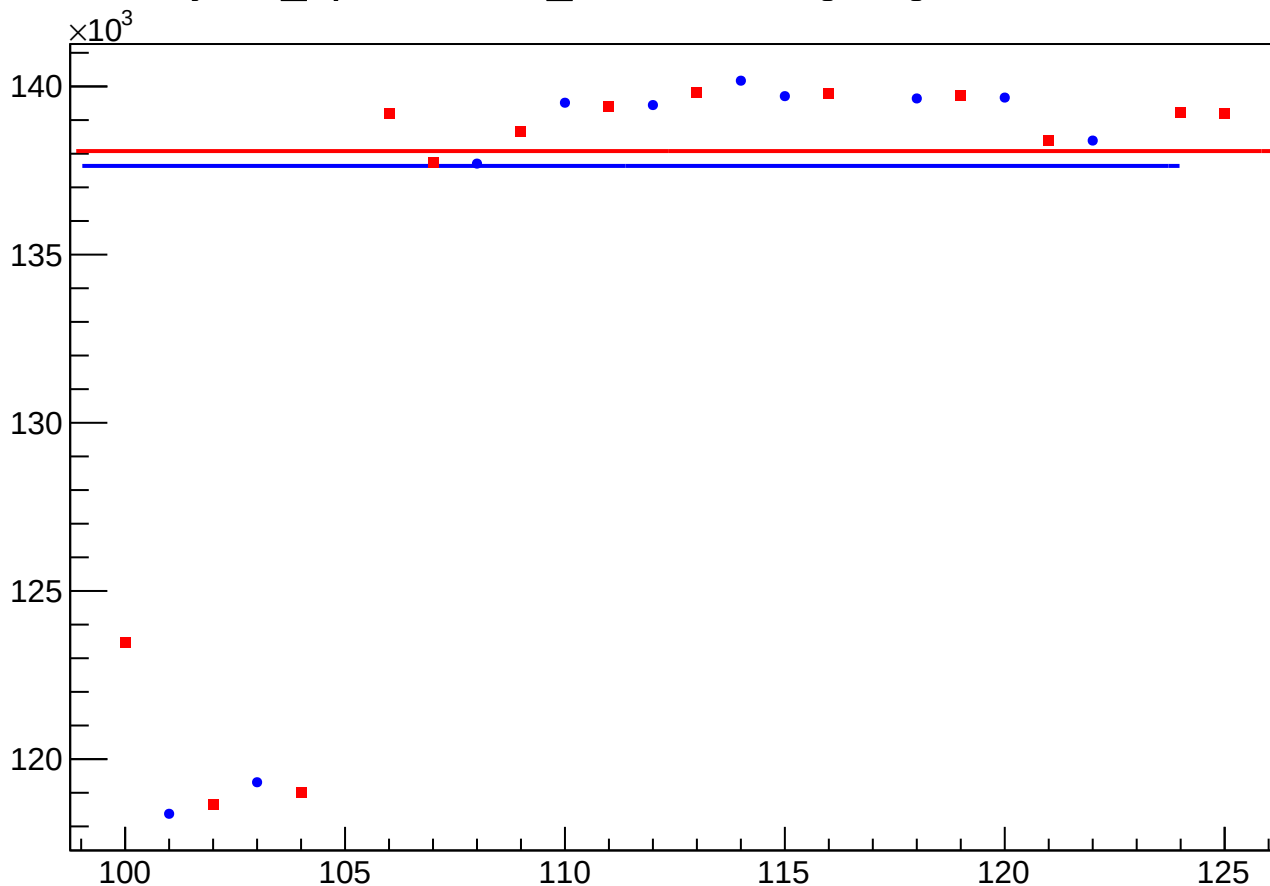
Right: 414.667+/-0.105 χ^2/NDF : 1271089.5/22

In: 402.195+/-0.153 χ^2/NDF : 585240.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 414.667+/-0.105 χ^2/NDF : 1271089.5/22

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 137637.306+/-0.085 χ^2 /NDF: 4406416247.2/9

Right: 137883.258+/-0.056 χ^2 /NDF: 8620082049.7/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

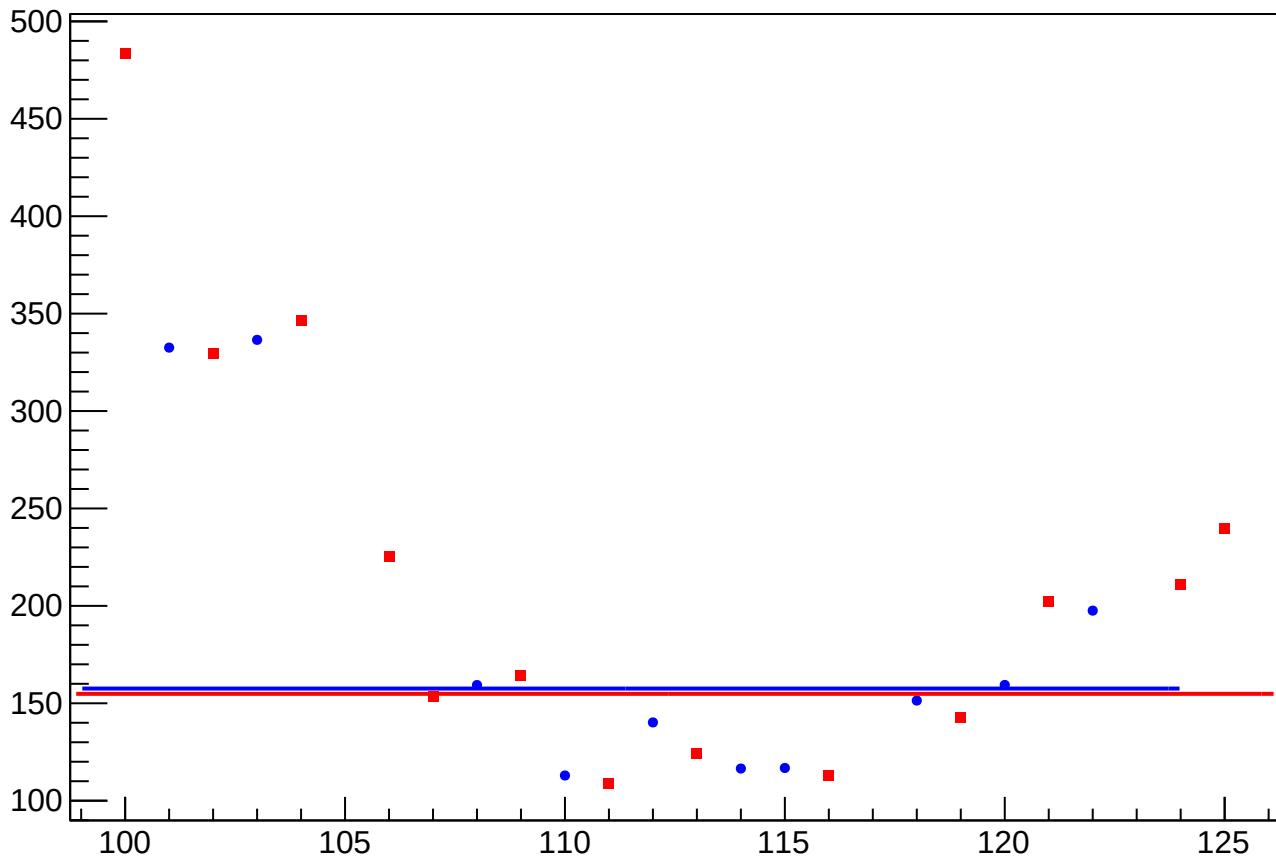
Right Out: 138078.639+/-0.076 χ^2 /NDF: 4198539686.7/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 137883.258+/-0.056 χ^2 /NDF: 8620082049.7/12

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: 154.849+/-0.053 χ^2/NDF : 1237382.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

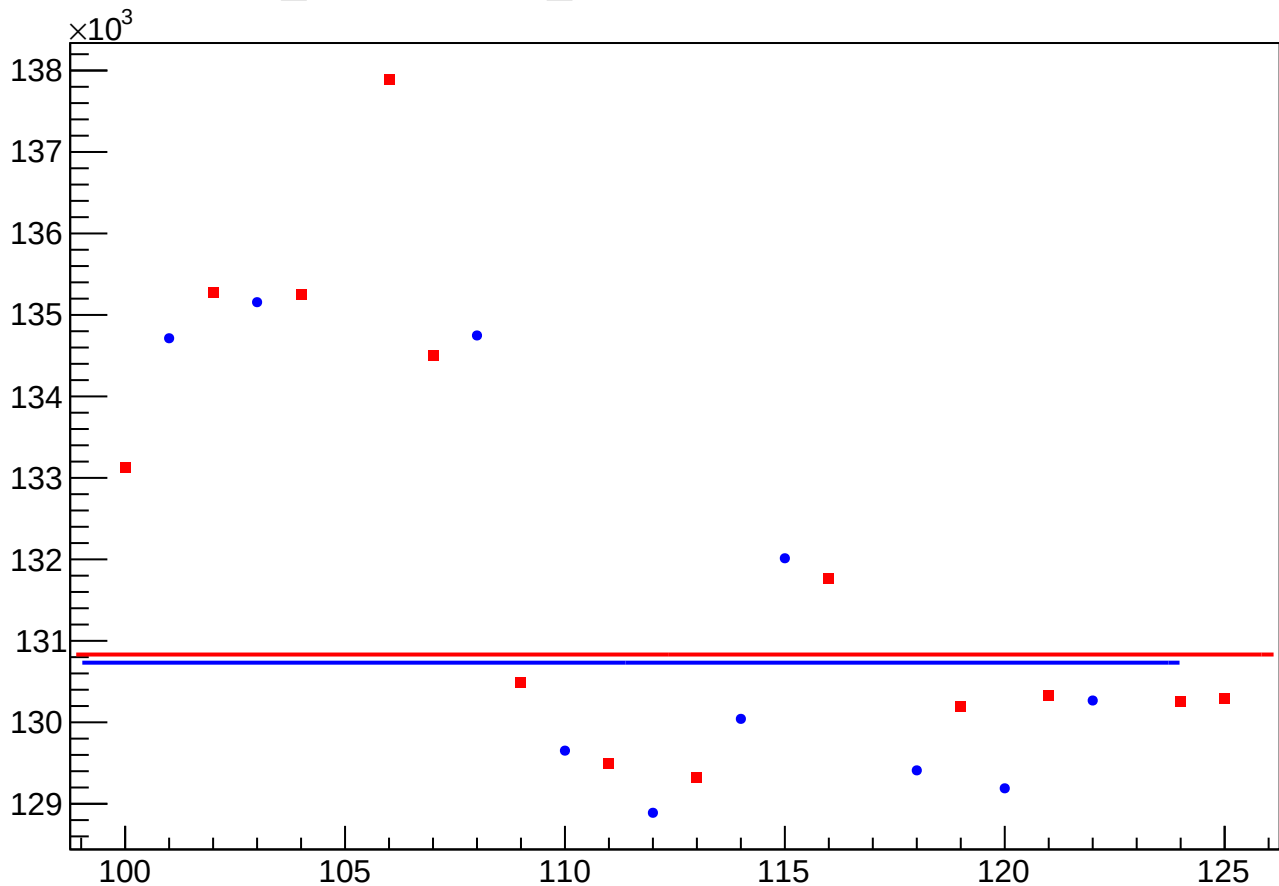
Right: 156.048+/-0.040 χ^2/NDF : 2158226.2/22

In: 157.557+/-0.060 χ^2/NDF : 919704.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.048+/-0.040 χ^2/NDF : 2158226.2/22

yield_bpm0l05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 130732.145+/-0.093 χ^2 /NDF: 529269508.1/9

Right: 130791.975+/-0.059 χ^2 /NDF: 1176160145.2/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 130832.106+/-0.076 χ^2 /NDF: 646204973.5/12

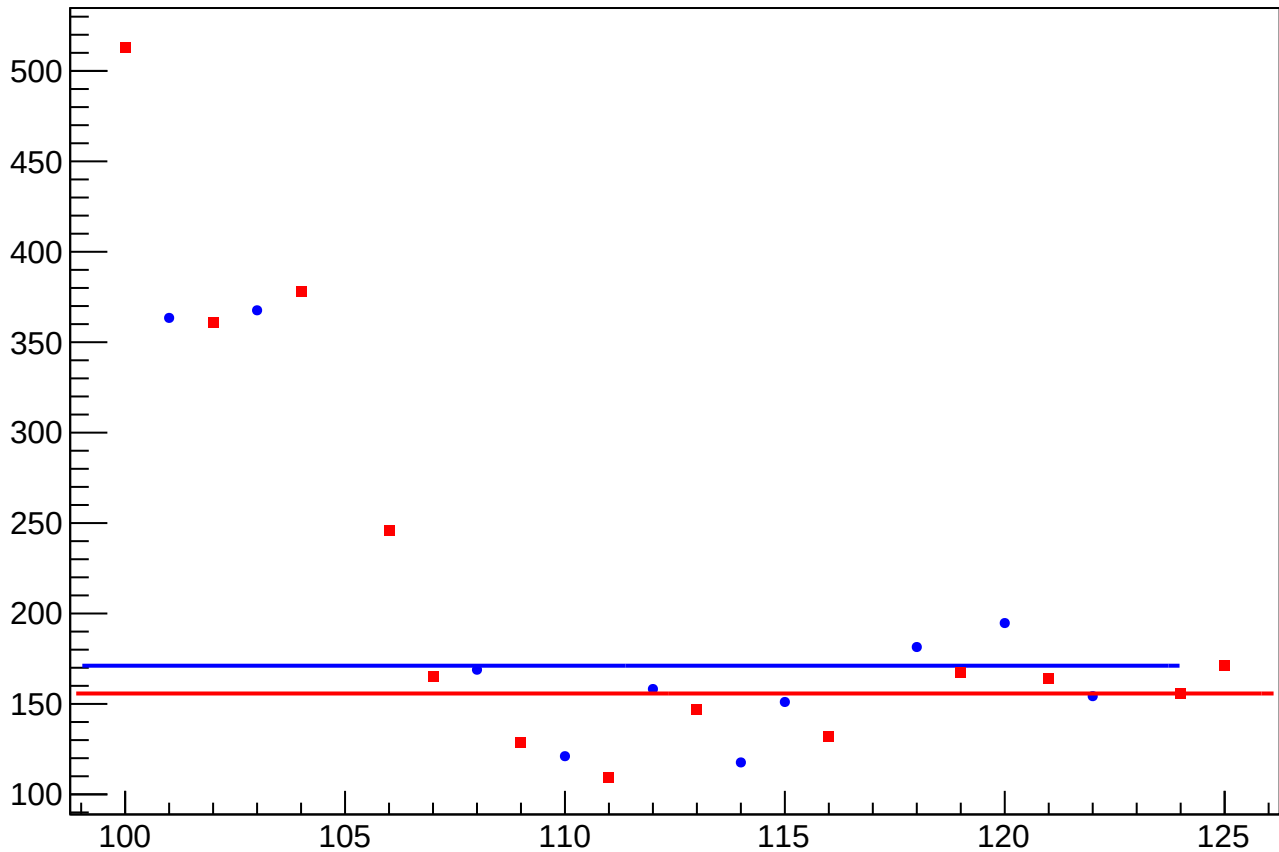
In: 130732.145+/-0.093 χ^2 /NDF: 529269508.1/9

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 130791.975+/-0.059 χ^2 /NDF: 1176160145.2/14

yield_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 171.132 $\pm$ 0.066 χ^2 /NDF: 903561.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 155.767 $\pm$ 0.054 χ^2 /NDF: 1148539.8/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

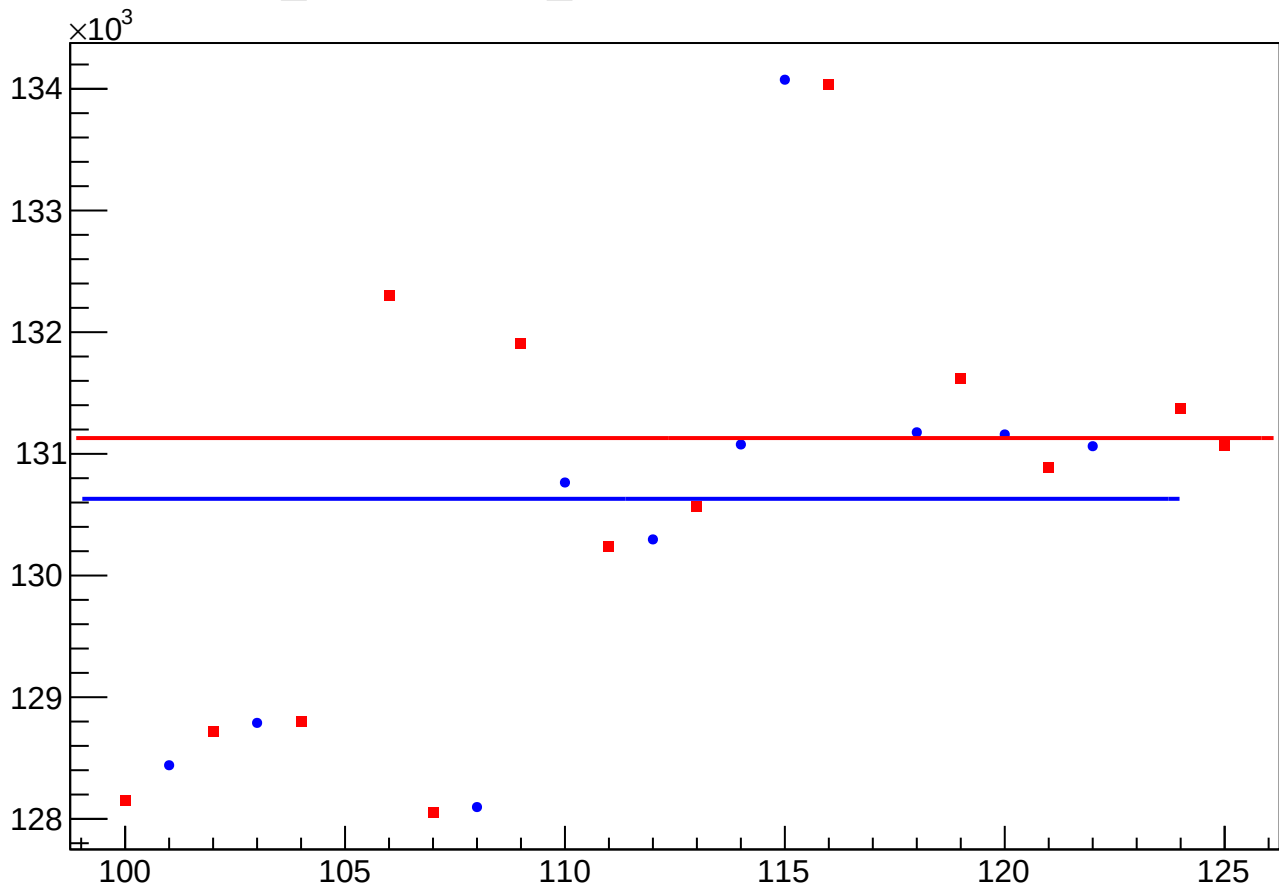
Right: 161.936 $\pm$ 0.042 χ^2 /NDF: 2084501.1/22

In: 171.132 $\pm$ 0.066 χ^2 /NDF:903561.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 161.936 $\pm$ 0.042 χ^2 /NDF: 2084501.1/22

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 130630.519+/-0.080 χ^2 /NDF: 303417259.3/9

Right: 130919.310+/-0.052 χ^2 /NDF: 758513945.3/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 131129.823+/-0.068 χ^2 /NDF: 432318503.6/12

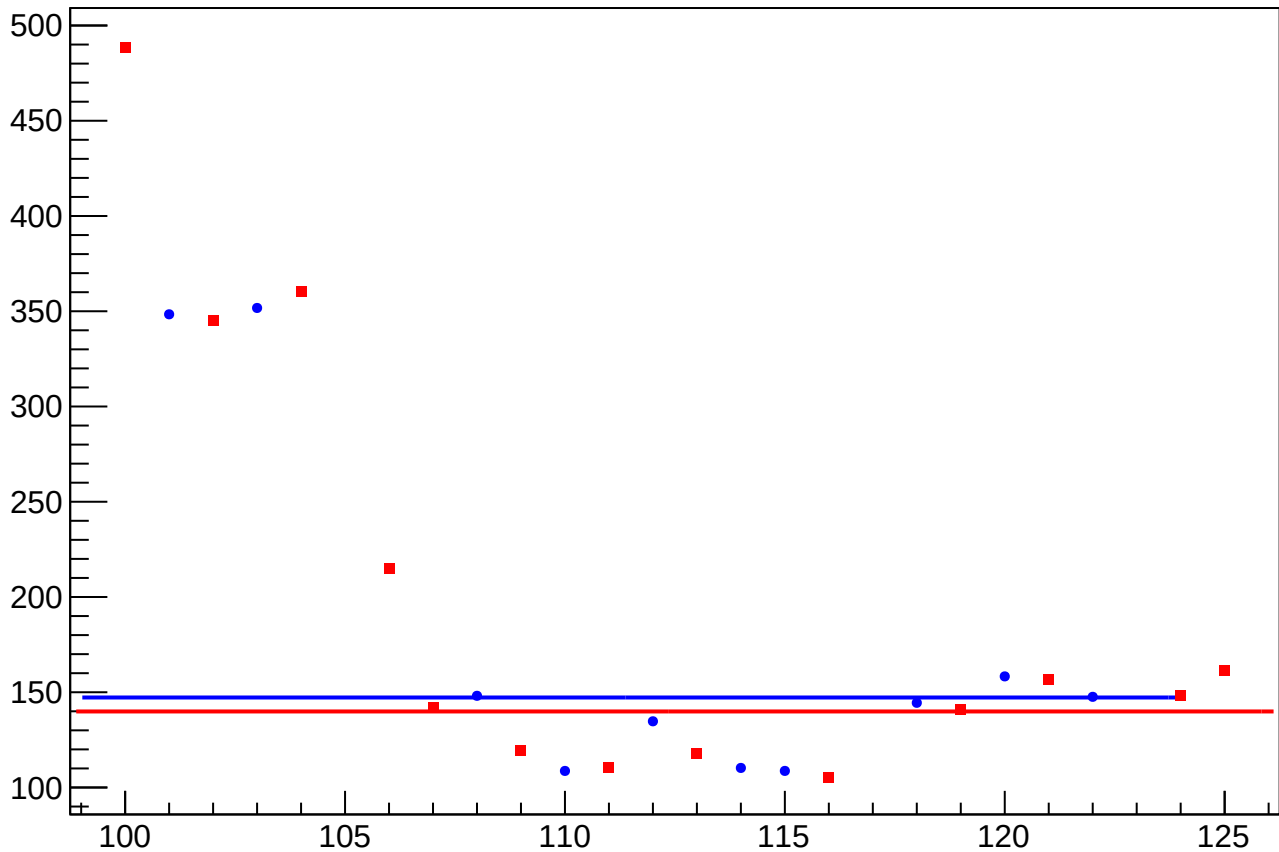
In: 130630.519+/-0.080 χ^2 /NDF: 303417259.3/9

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 130919.310+/-0.052 χ^2 /NDF: 758513945.3/2

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 147.243+/-0.056 χ^2/NDF : 1001908.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.914+/-0.048 χ^2/NDF : 1183600.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

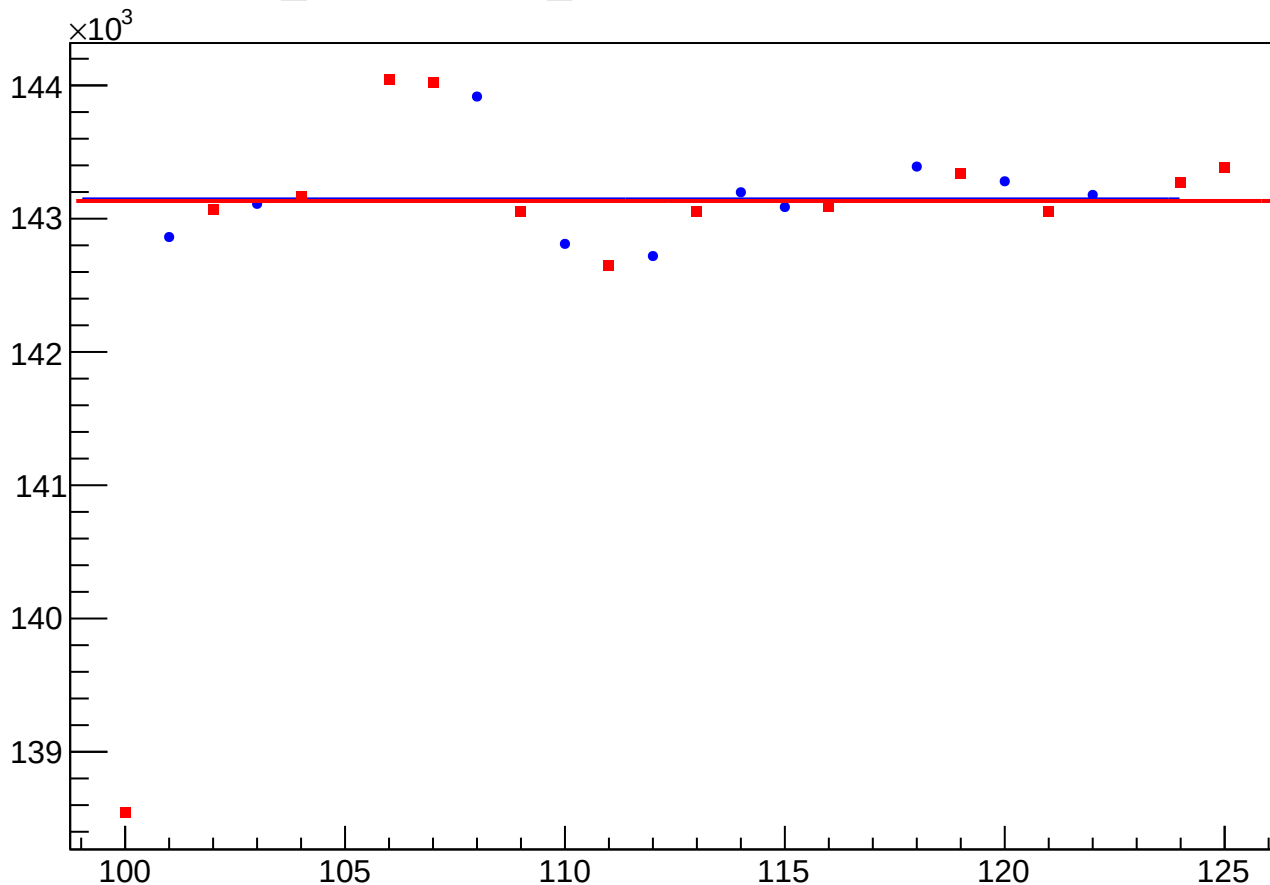
Right: 143.004+/-0.037 χ^2/NDF : 2195324.7/22

In: 147.243+/-0.056 χ^2/NDF : 1001908.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.004+/-0.037 χ^2/NDF : 2195324.7/22

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 143144.597+/-0.086 χ^2 /NDF: 17433984.9/9

Right: 143137.791+/-0.055 χ^2 /NDF: 44548244.0/22

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 143132.907+/-0.073 χ^2 /NDF: 27103413.5/12

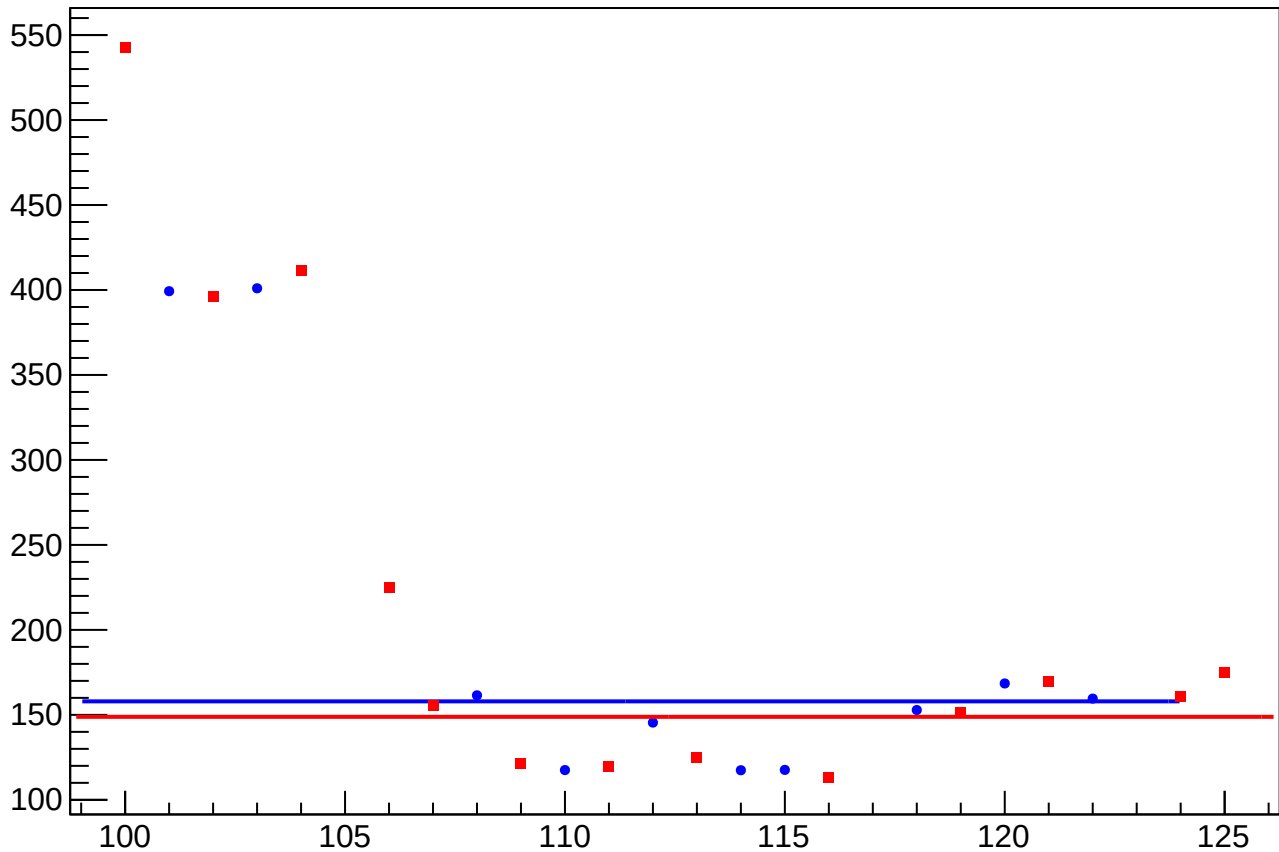
In: 143144.597+/-0.086 χ^2 /NDF: 17433984.9/9

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 143137.791+/-0.055 χ^2 /NDF: 44548244.0/22

yield_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 157.947+/-0.061 χ^2/NDF : 1074824.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 148.842 ± 0.051 χ^2/NDF : 1280876.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

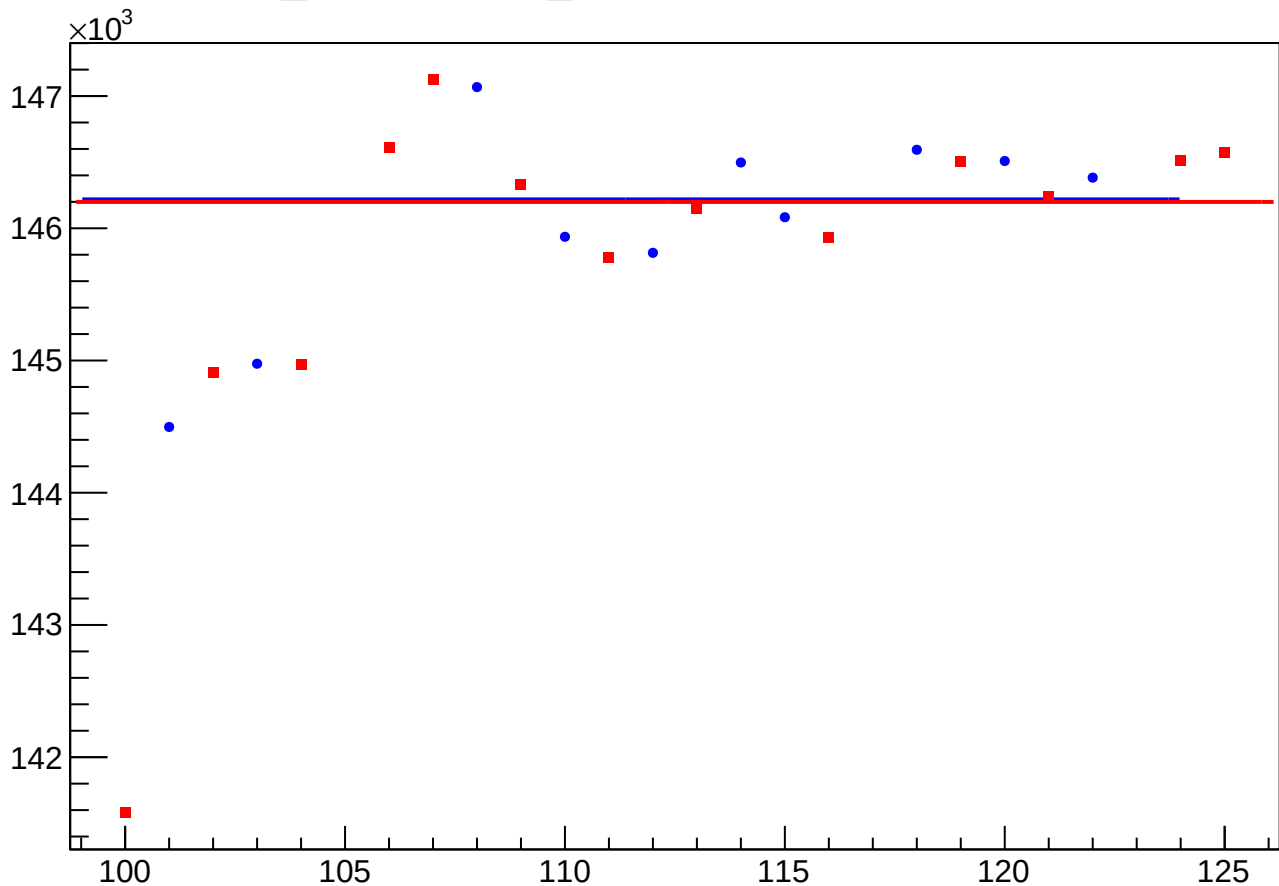
Right: 152.646+/-0.039 χ^2/NDF : 2368860.0/22

ln: 157.947+/-0.061 χ^2/NDF :1074824.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 152.646+/-0.039 χ^2/NDF : 2368860.0/22

yield_bpm0l08WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 146218.364+/-0.089 χ^2 /NDF: 38875861.0/9

Right: 146207.293+/-0.057 χ^2 /NDF: 76176965.8/22

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 146218.364+/-0.089 χ^2 /NDF: 38875861.0/9

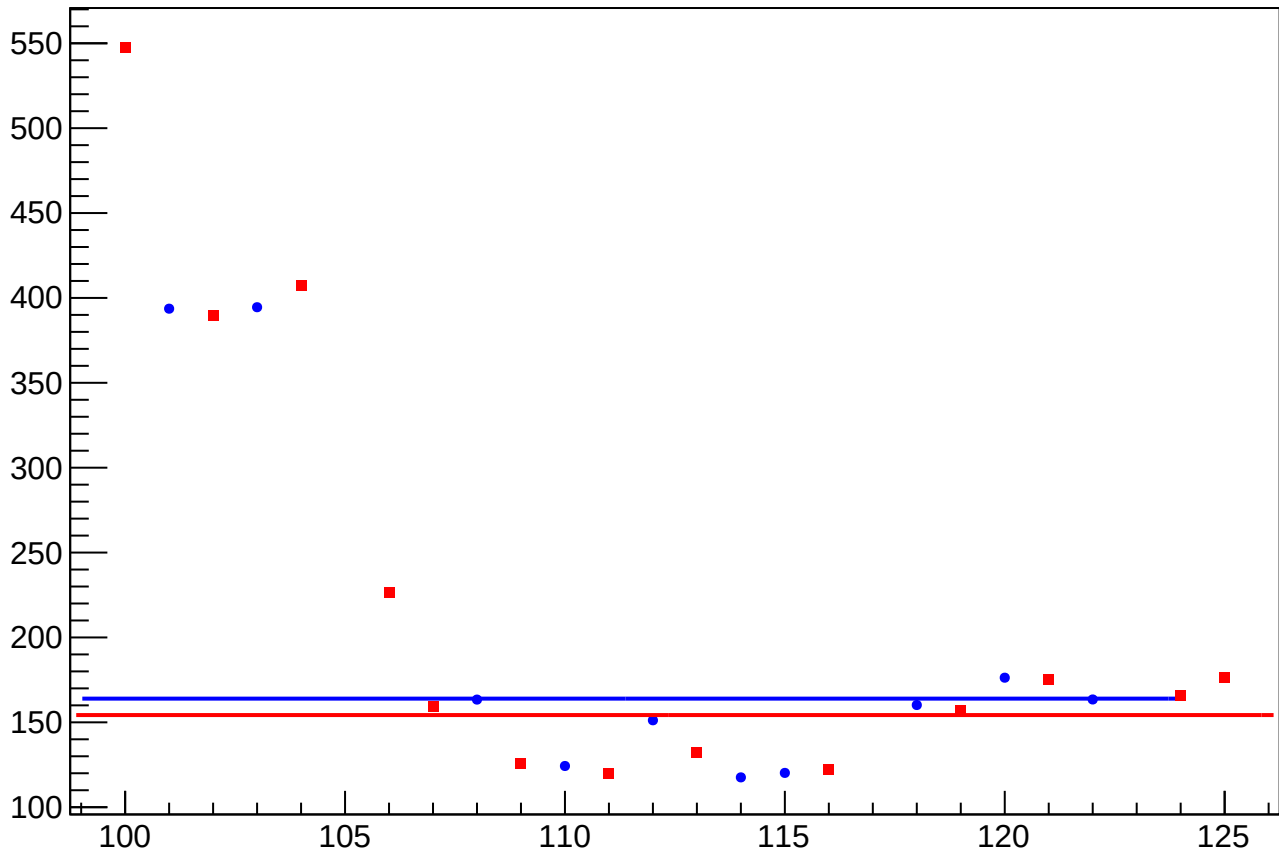
Right Out: 146199.388+/-0.075 χ^2 /NDF: 37274319.2/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 146207.293+/-0.057 χ^2 /NDF: 76176965.8/22

yield_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 163.963 $\pm$ 0.063 χ^2 /NDF: 1010274.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 154.280 $\pm$ 0.053 χ^2 /NDF: 1211830.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

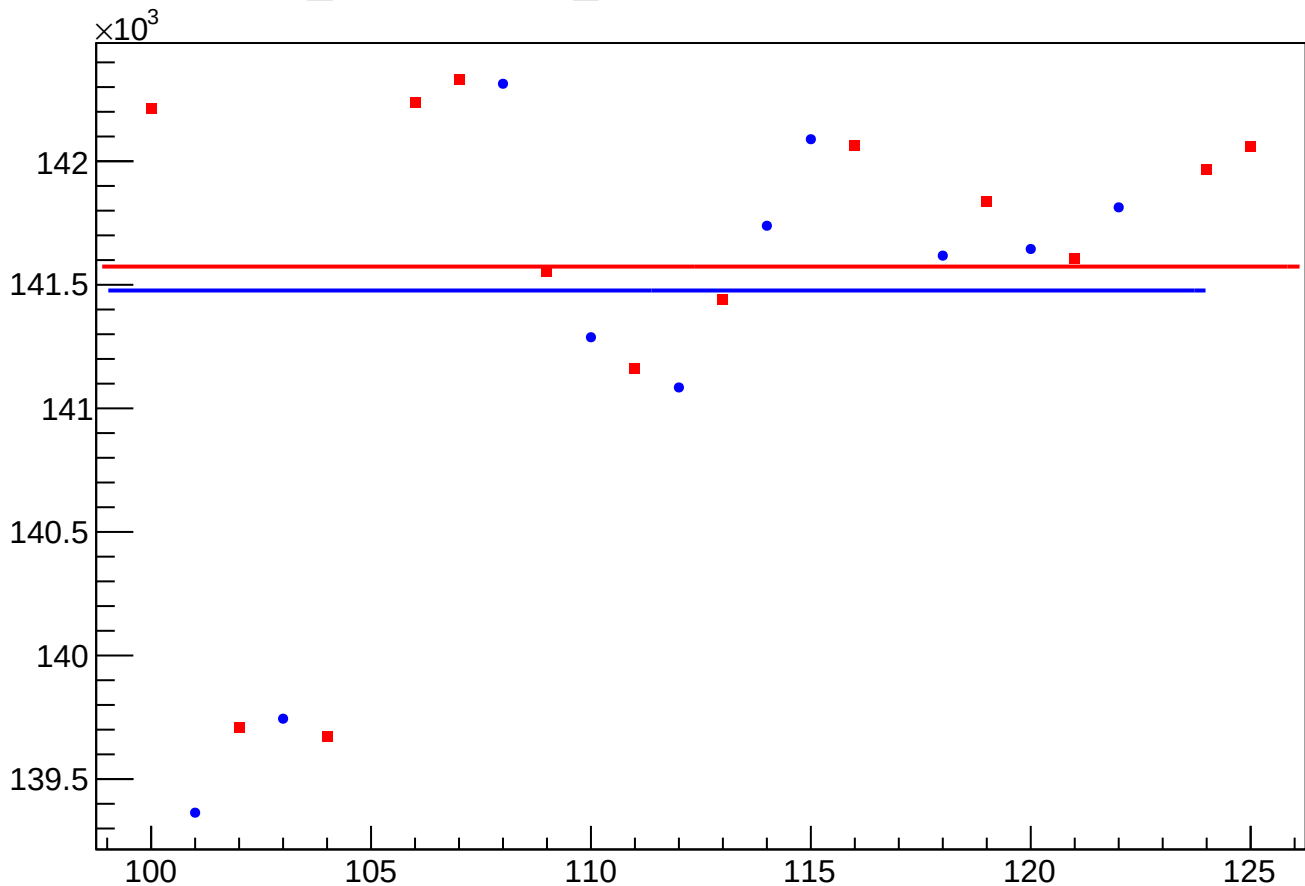
Right: 158.314 $\pm$ 0.040 χ^2 /NDF: 2236052.0/22

In: 163.963 $\pm$ 0.063 χ^2 /NDF:1010274.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

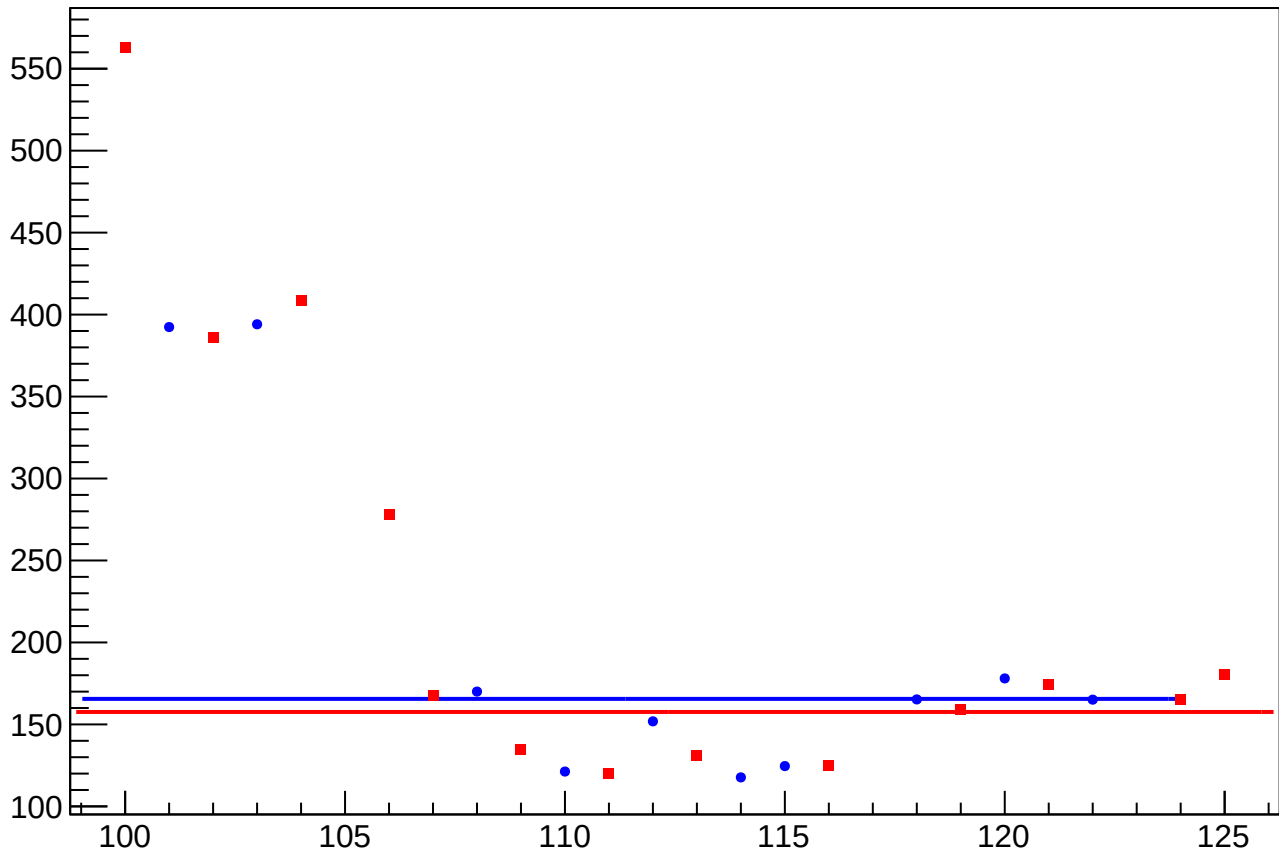
All: 158.314 $\pm$ 0.040 χ^2 /NDF: 2236052.0/22

yield_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 141476.912 $\pm$ 0.090 χ^2 /NDF: 49884605.5/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 141573.723 $\pm$ 0.077 χ^2 /NDF: 46970267.1/12
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 141532.823 $\pm$ 0.058 χ^2 /NDF: 97530020.5/22
 In: 141476.912 $\pm$ 0.090 χ^2 /NDF: 49884605.5/9
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 141532.823 $\pm$ 0.058 χ^2 /NDF: 97530020.5/22

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: 157.589+/-0.054 χ^2/NDF : 1231935.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

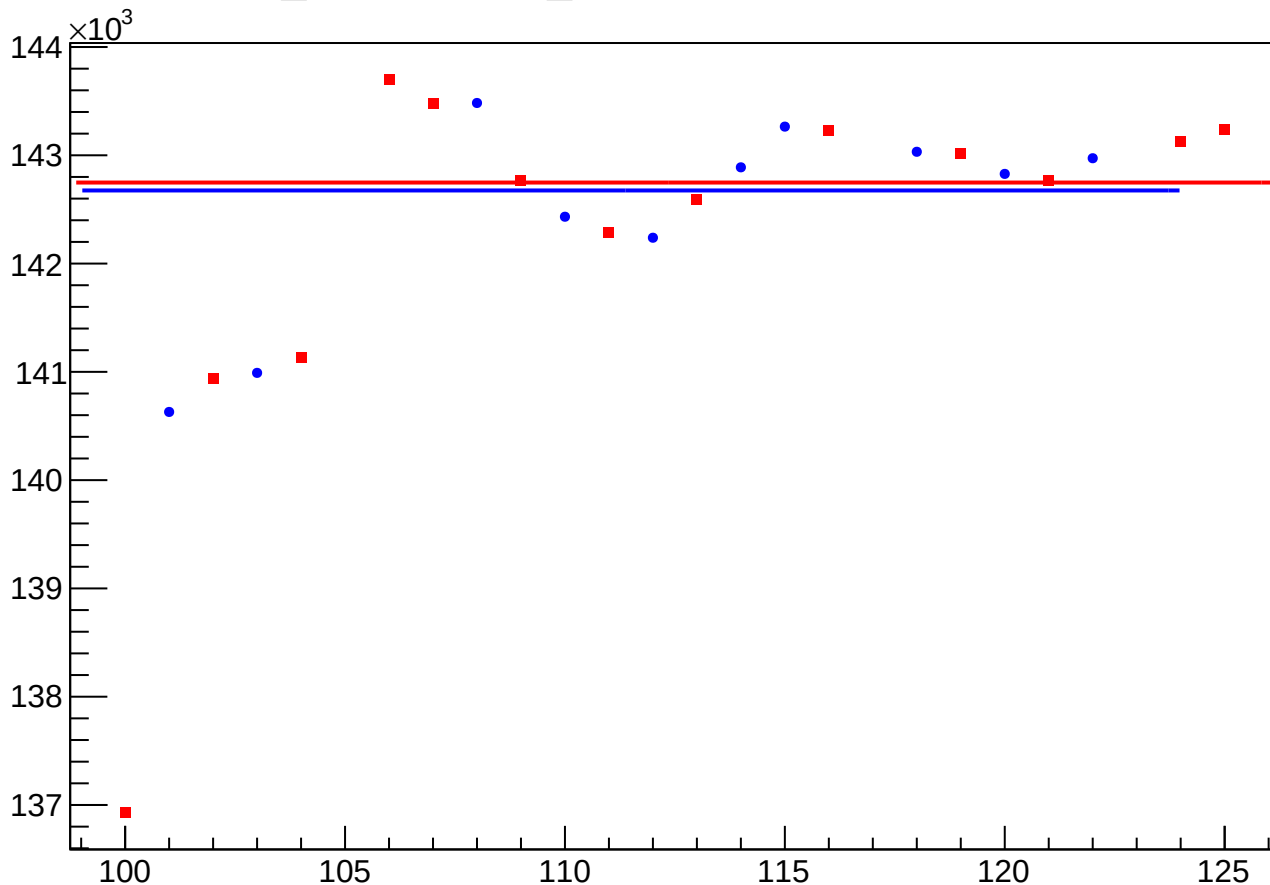
Right: 160.962+/-0.041 χ^2/NDF : 2254518.0/22

In: 165.573+/-0.063 χ^2/NDF : 1013397.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.962+/-0.041 χ^2/NDF : 2254518.0/22

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: 142717.990+/-0.058 χ^2 /NDF: 104874853.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 142748.334+/-0.076 χ^2 /NDF: 55098222.5/12

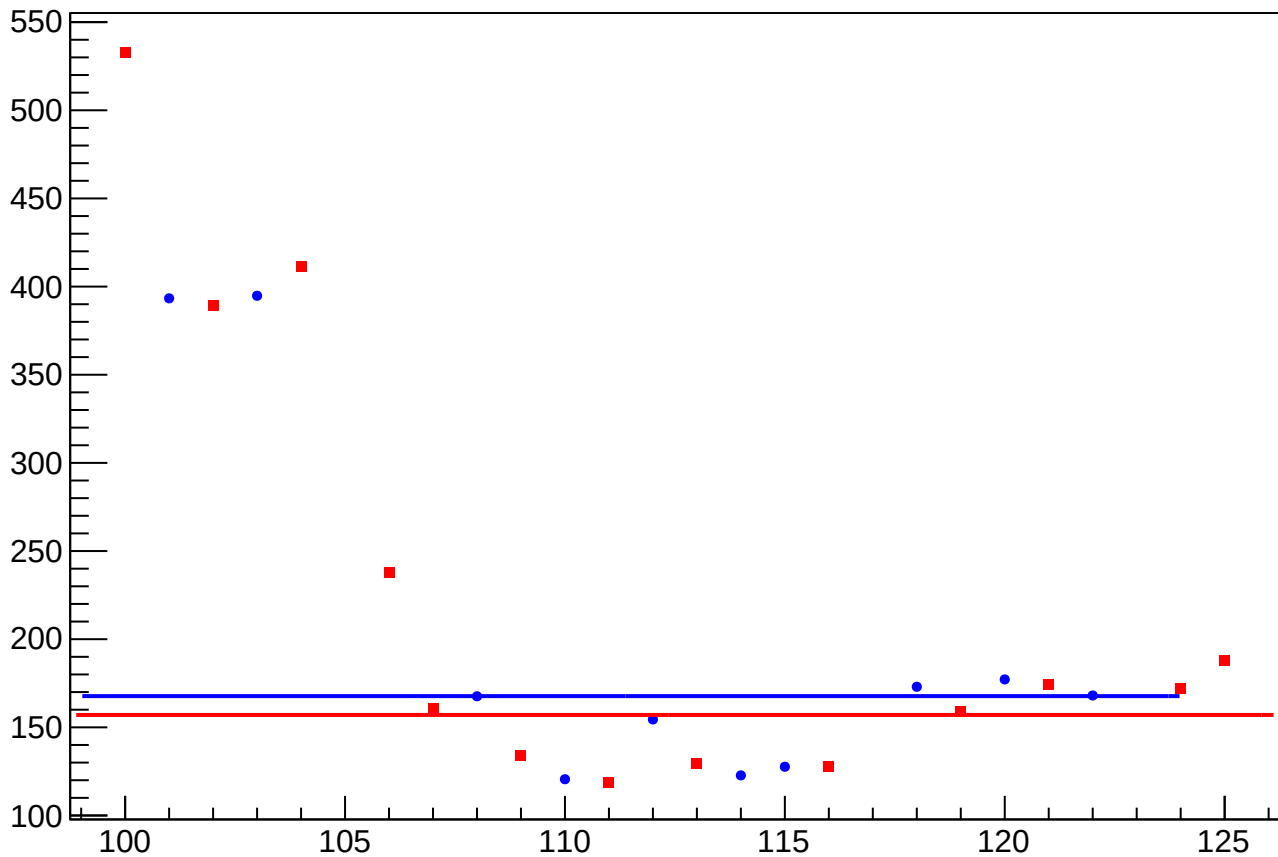
In: 142675.201+/-0.091 χ^2 /NDF: 49395643.0/9

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 142717.990+/-0.058 χ^2 /NDF: 104874853.4/2

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: 157.034+/-0.054 χ^2/NDF : 1202505.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

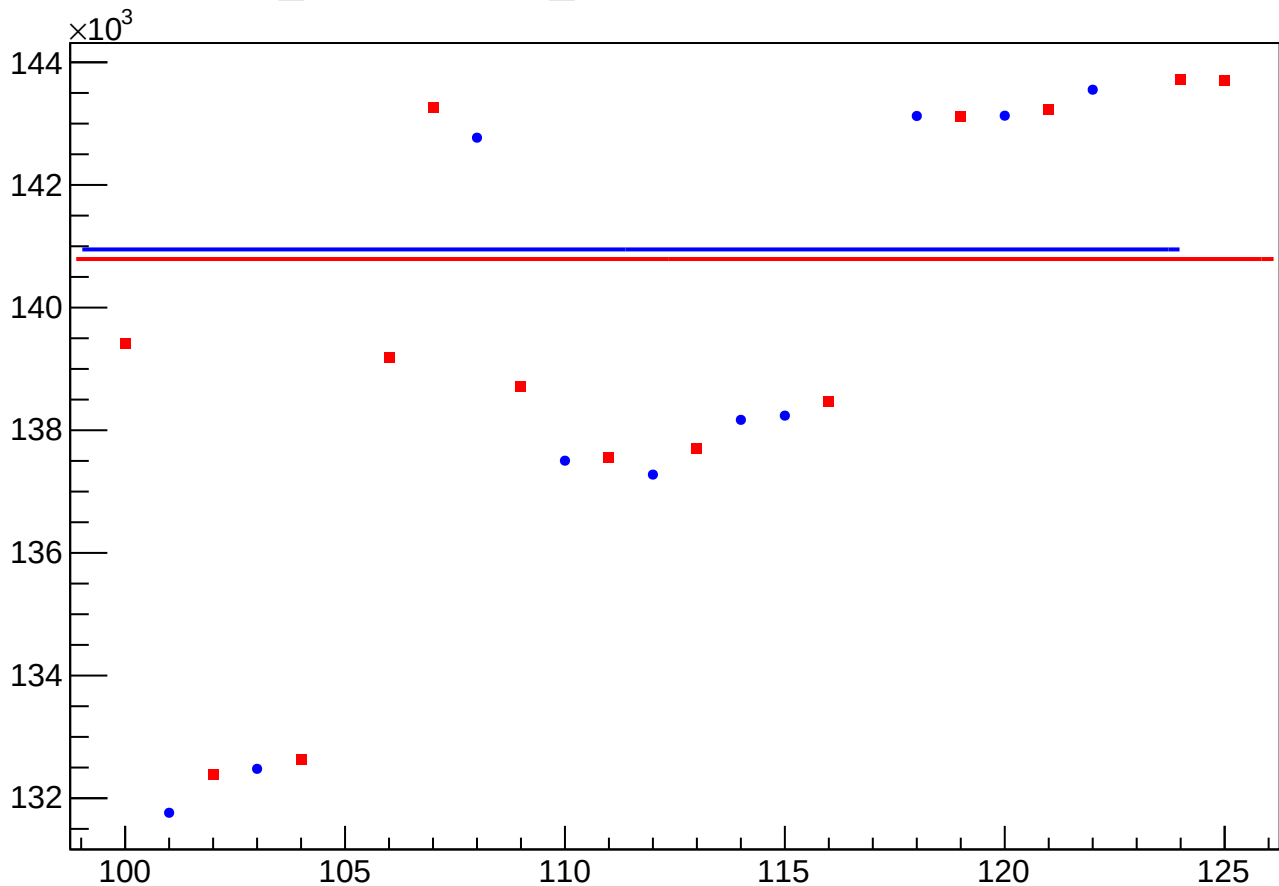
Right: 161.465+/-0.041 χ^2/NDF : 2222184.7/22

In: 167.713+/-0.064 χ^2/NDF : 1003434.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

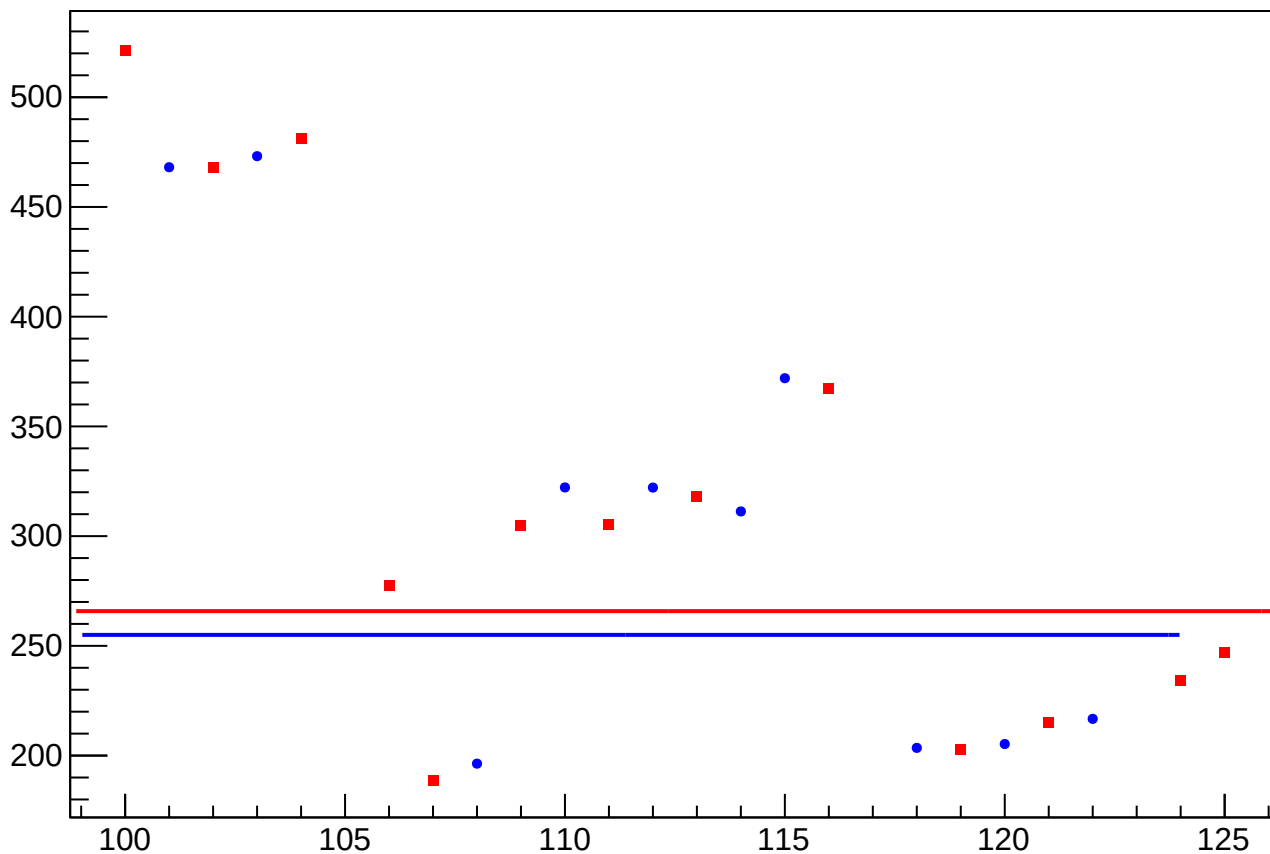
All: 161.465+/-0.041 χ^2/NDF : 2222184.7/22

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: 140948.480 $\pm$ 0.135 χ^2 /NDF: 752361101.7/9
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 140864.850 $\pm$ 0.092 χ^2 /NDF: 1477590968.1/12
 In: 140948.480 $\pm$ 0.135 χ^2 /NDF: 752361101.7/9
 Right Out: 140792.030 $\pm$ 0.126 χ^2 /NDF: 724511869.9/12
 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: 140864.850 $\pm$ 0.092 χ^2 /NDF: 1477590968.1/12

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: 265.821+/-0.089 χ^2/NDF : 811235.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

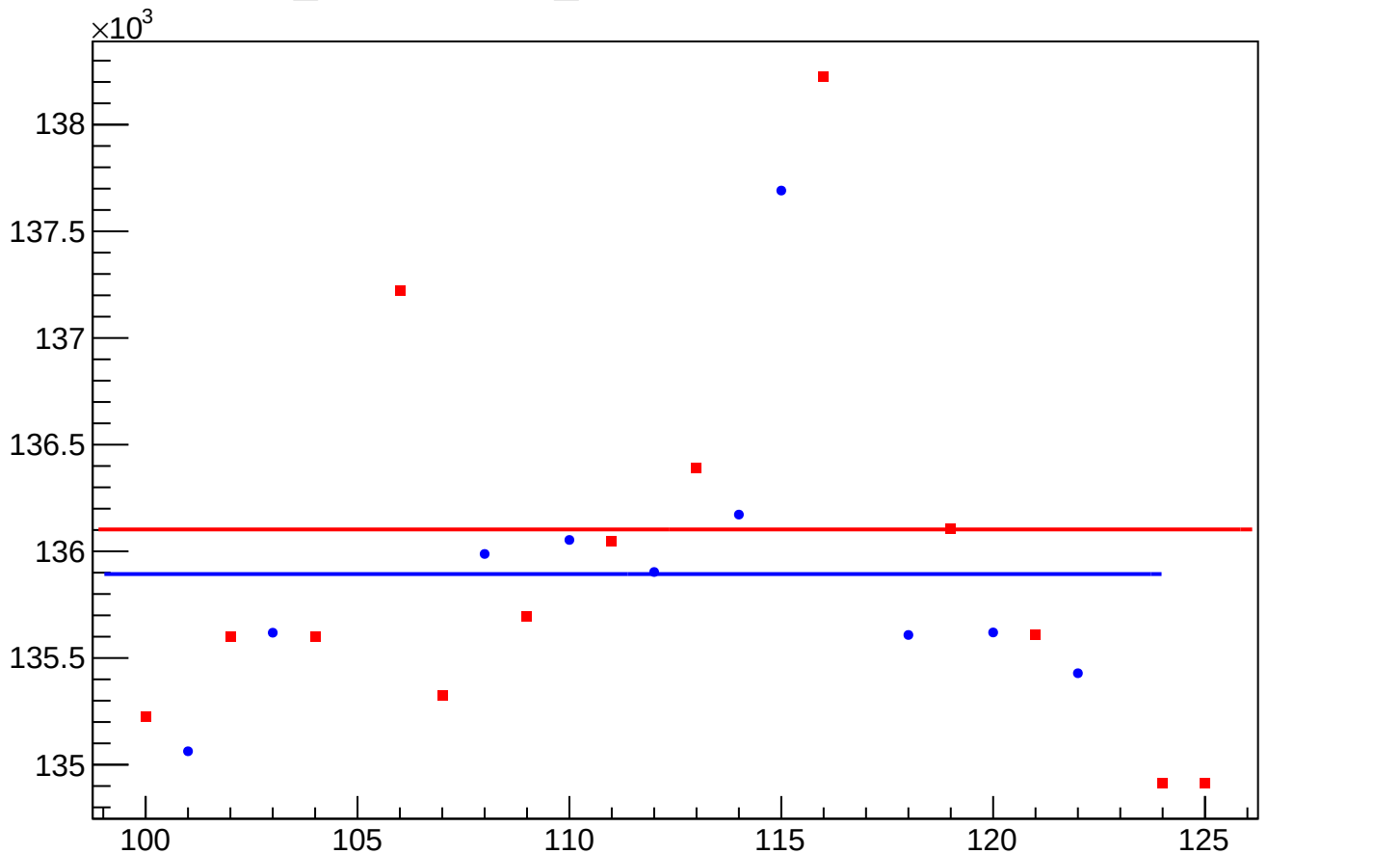
Right: 260.782+/-0.065 χ^2/NDF : 1652320.9/22

In: 254.996+/-0.095 χ^2/NDF : 834210.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 260.782+/-0.065 χ^2/NDF : 1652320.9/22

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 135893.560 $\pm$ 0.142 χ^2 /NDF: 14926189.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 136102.643 $\pm$ 0.120 χ^2 /NDF: 40094089.6/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

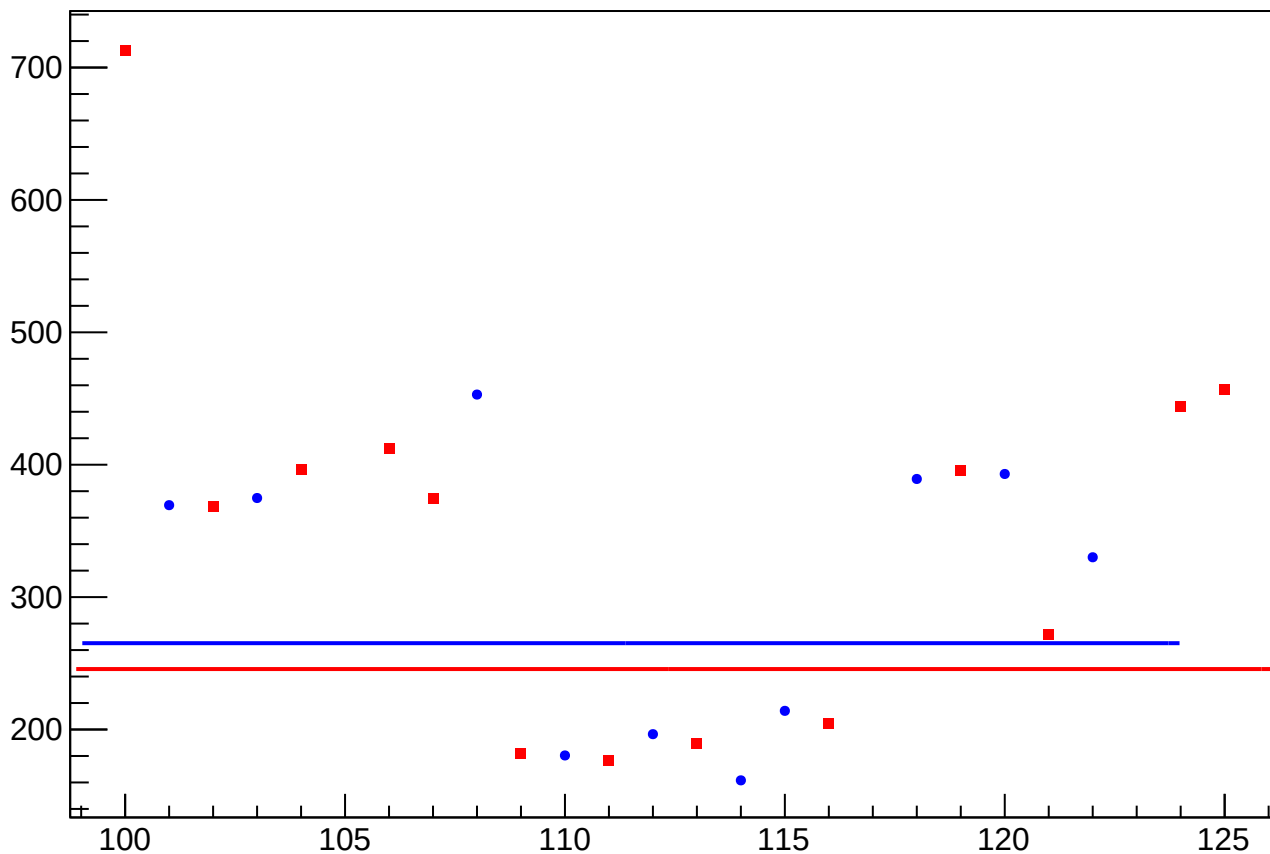
Right: 136015.867 $\pm$ 0.092 χ^2 /NDF: 56286293.2/22

In: 135893.560 $\pm$ 0.142 χ^2 /NDF:14926189.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 136015.867 $\pm$ 0.092 χ^2 /NDF: 56286293.2/22

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: 245.658+/-0.085 χ^2/NDF : 1226109.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

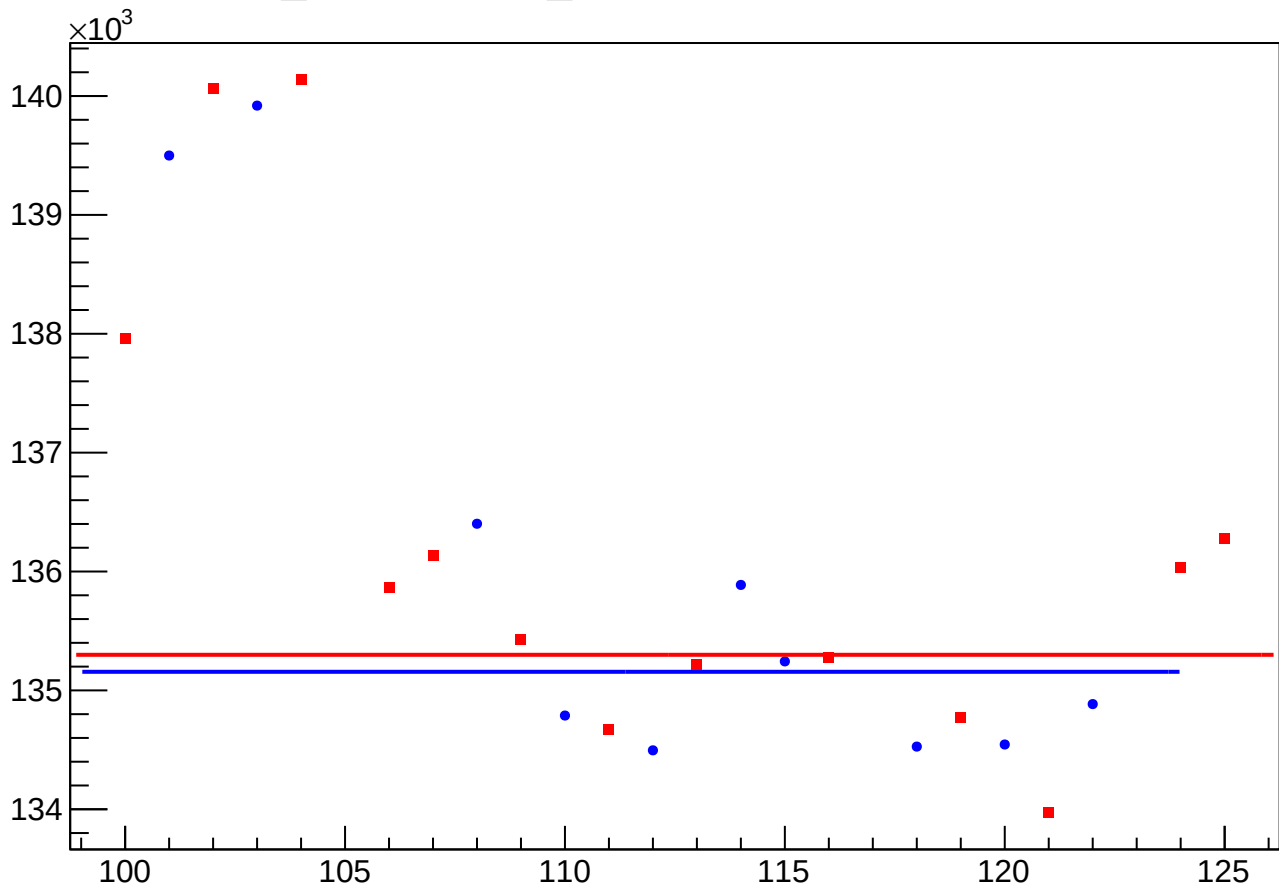
Right: 253.768+/-0.065 χ^2/NDF : 2167790.7/22

In: 265.200+/-0.100 χ^2/NDF : 919562.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 253.768+/-0.065 χ^2/NDF : 2167790.7/22

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 135156.428+/-0.069 χ^2 /NDF: 274831631.0/9

Right: 135236.405+/-0.046 χ^2 /NDF: 549460956.8/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 135299.450+/-0.061 χ^2 /NDF: 272239952.4/12

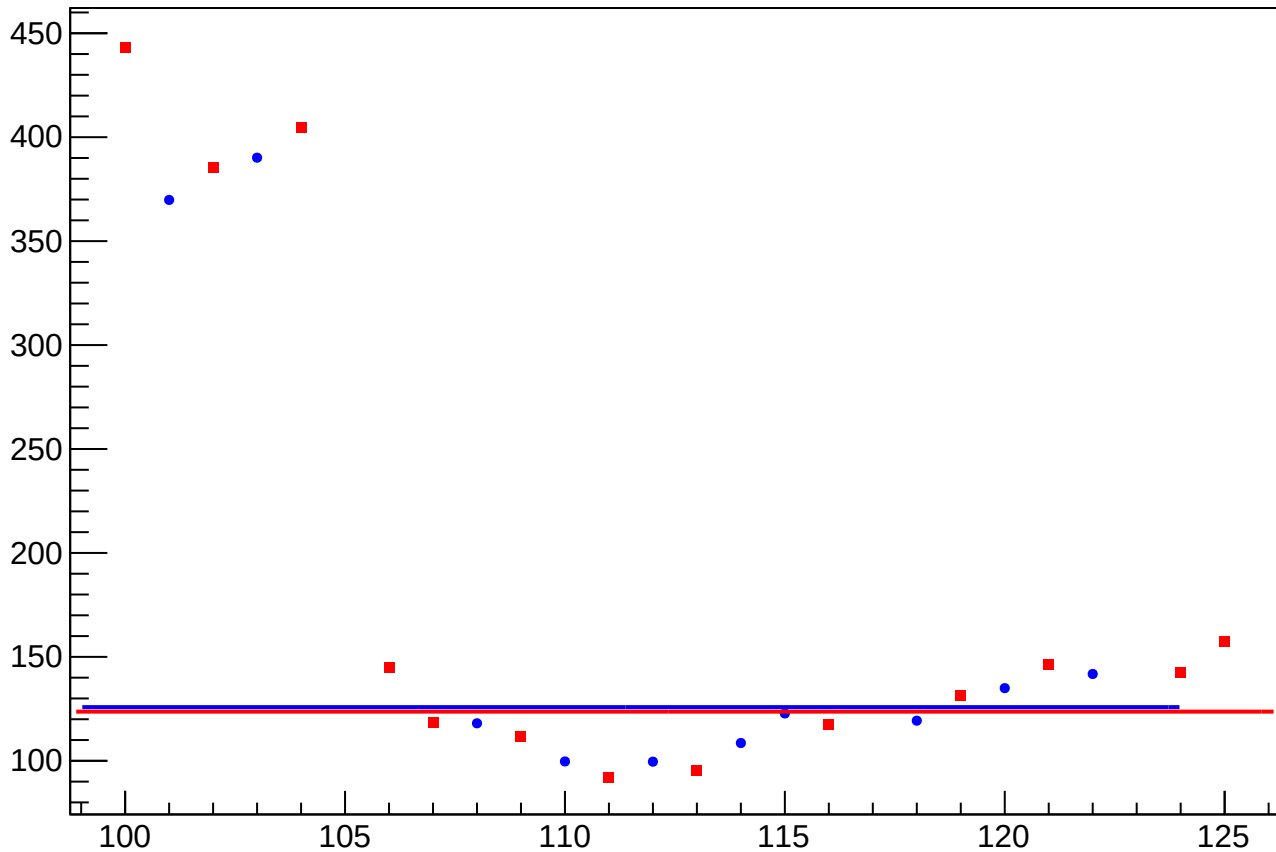
In: 135156.428+/-0.069 χ^2 /NDF: 274831631.0/9

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 135236.405+/-0.046 χ^2 /NDF: 549460956.8/2

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 125.832 $\pm$ 0.049 χ^2 /NDF: 1257872.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 123.662 $\pm$ 0.043 χ^2 /NDF: 1434229.6/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

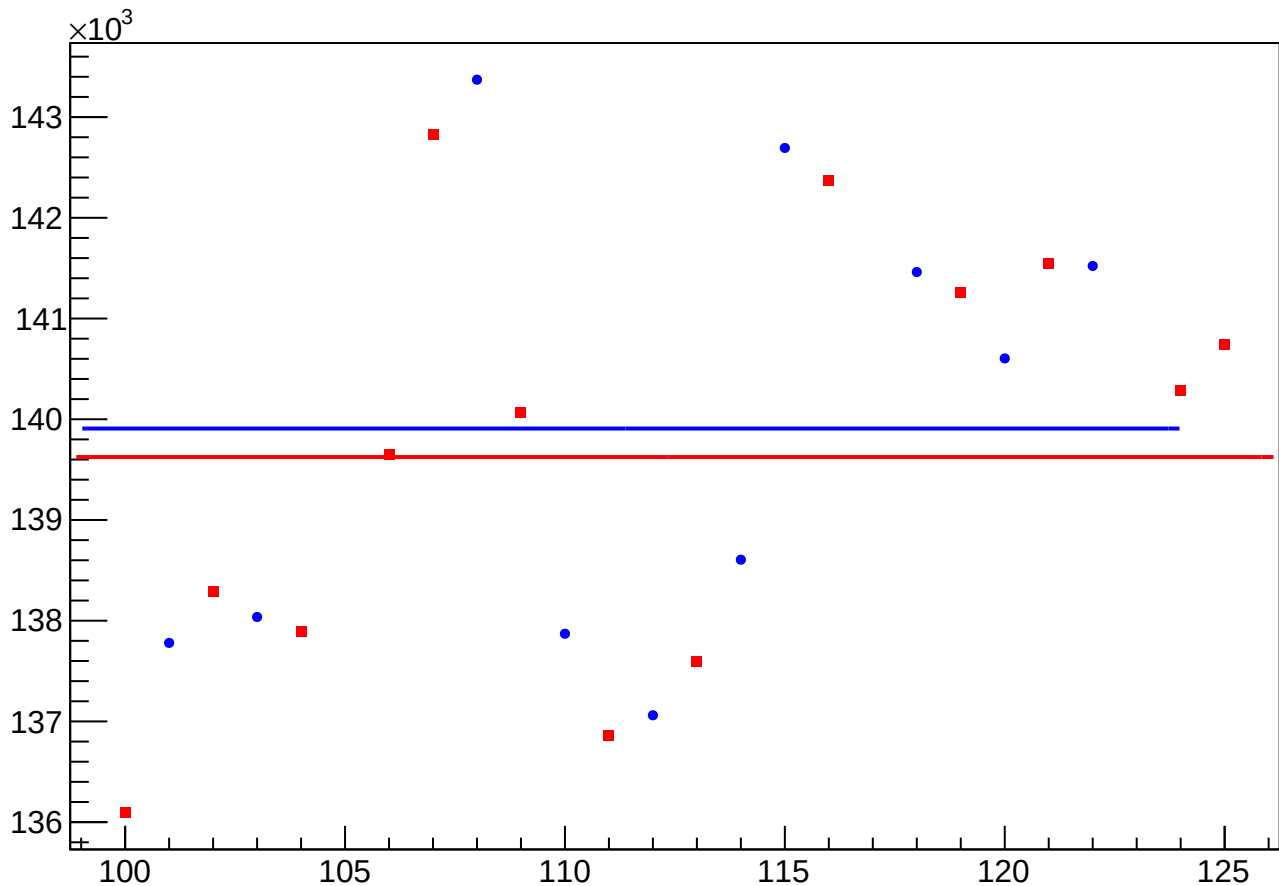
Right: 124.618 $\pm$ 0.032 χ^2 /NDF: 2693201.5/22

In: 125.832 $\pm$ 0.049 χ^2 /NDF:1257872.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 124.618 $\pm$ 0.032 χ^2 /NDF: 2693201.5/22

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 139907.886+/-0.082 χ^2 /NDF: 699964230.4/9

Right: 139747.532+/-0.054 χ^2 /NDF: 1475681342.6/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 139624.809+/-0.072 χ^2 /NDF: 769036587.2/12

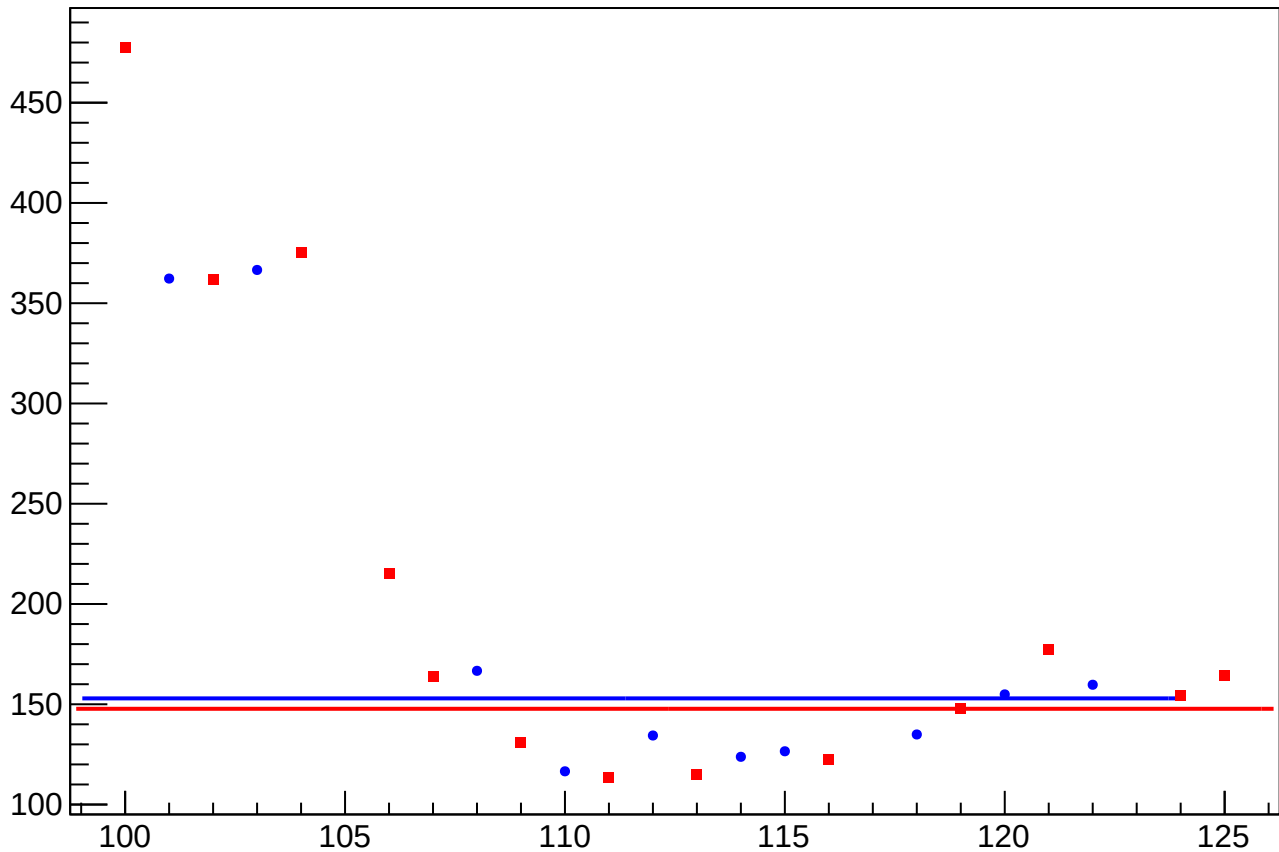
In: 139907.886+/-0.082 χ^2 /NDF: 699964230.4/9

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 139747.532+/-0.054 χ^2 /NDF: 1475681342.6/12

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: 147.745+/-0.051 χ^2/NDF : 1172055.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

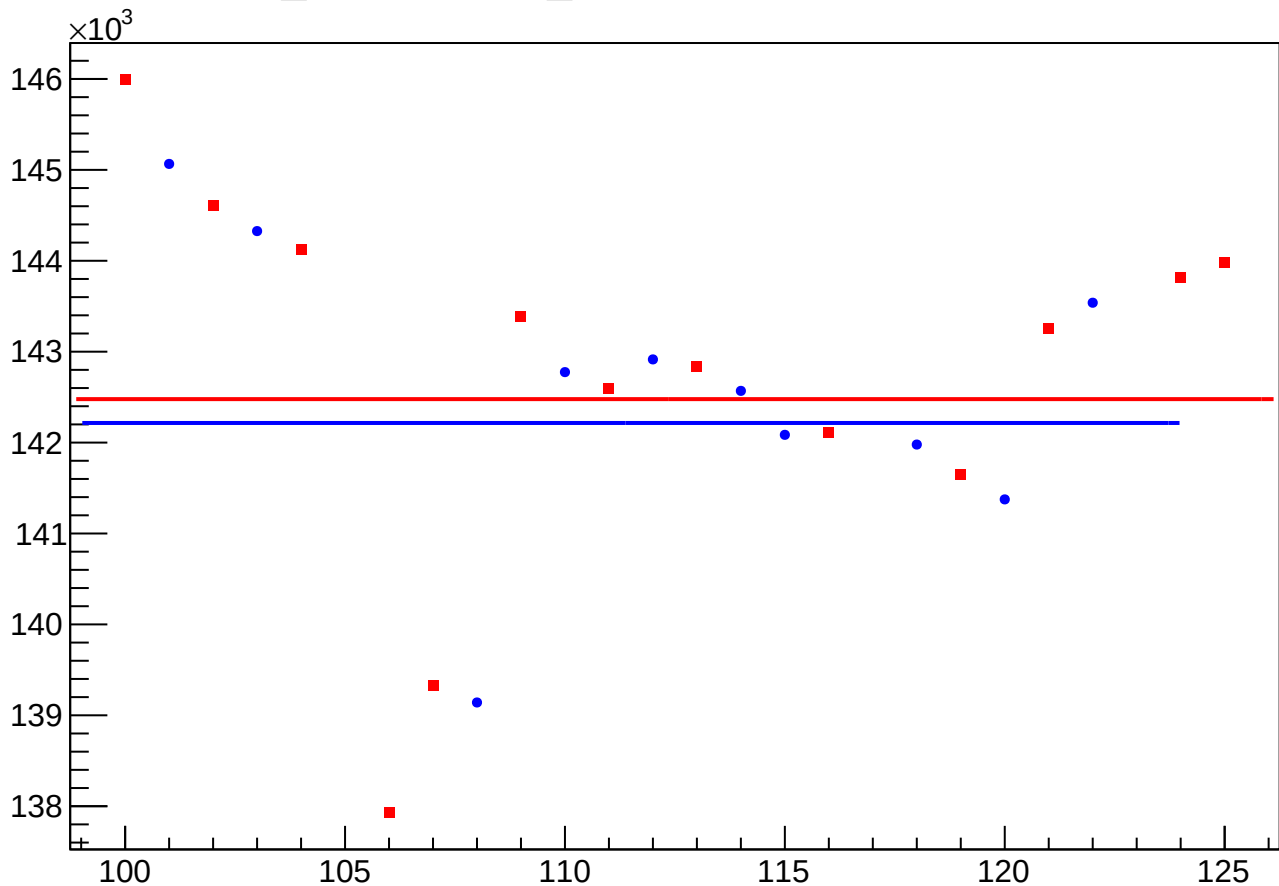
Right: 149.994+/-0.038 χ^2/NDF : 2158376.3/22

In: 152.933+/-0.058 χ^2/NDF : 981832.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

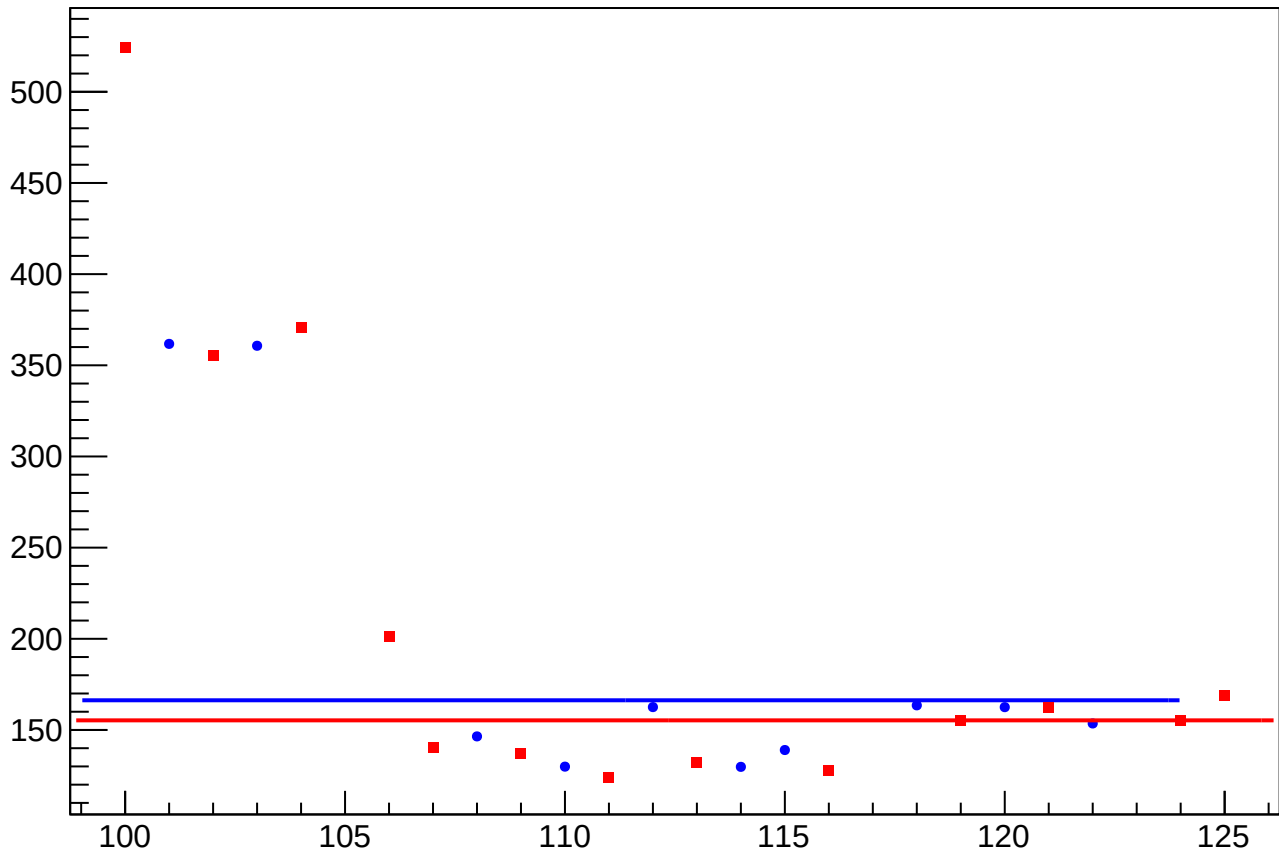
All: 149.994+/-0.038 χ^2/NDF : 2158376.3/22

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 142215.839 $\pm$ 0.089 χ^2 /NDF: 286584905.8/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 142478.176 $\pm$ 0.075 χ^2 /NDF: 375902081.6/12
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 142369.185 $\pm$ 0.057 χ^2 /NDF: 667560891.7/20
 In: 142215.839 $\pm$ 0.089 χ^2 /NDF:286584905.8/9
 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: 142369.185 $\pm$ 0.057 χ^2 /NDF: 667560891.7/20

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: 155.272+/-0.053 χ^2/NDF : 989441.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

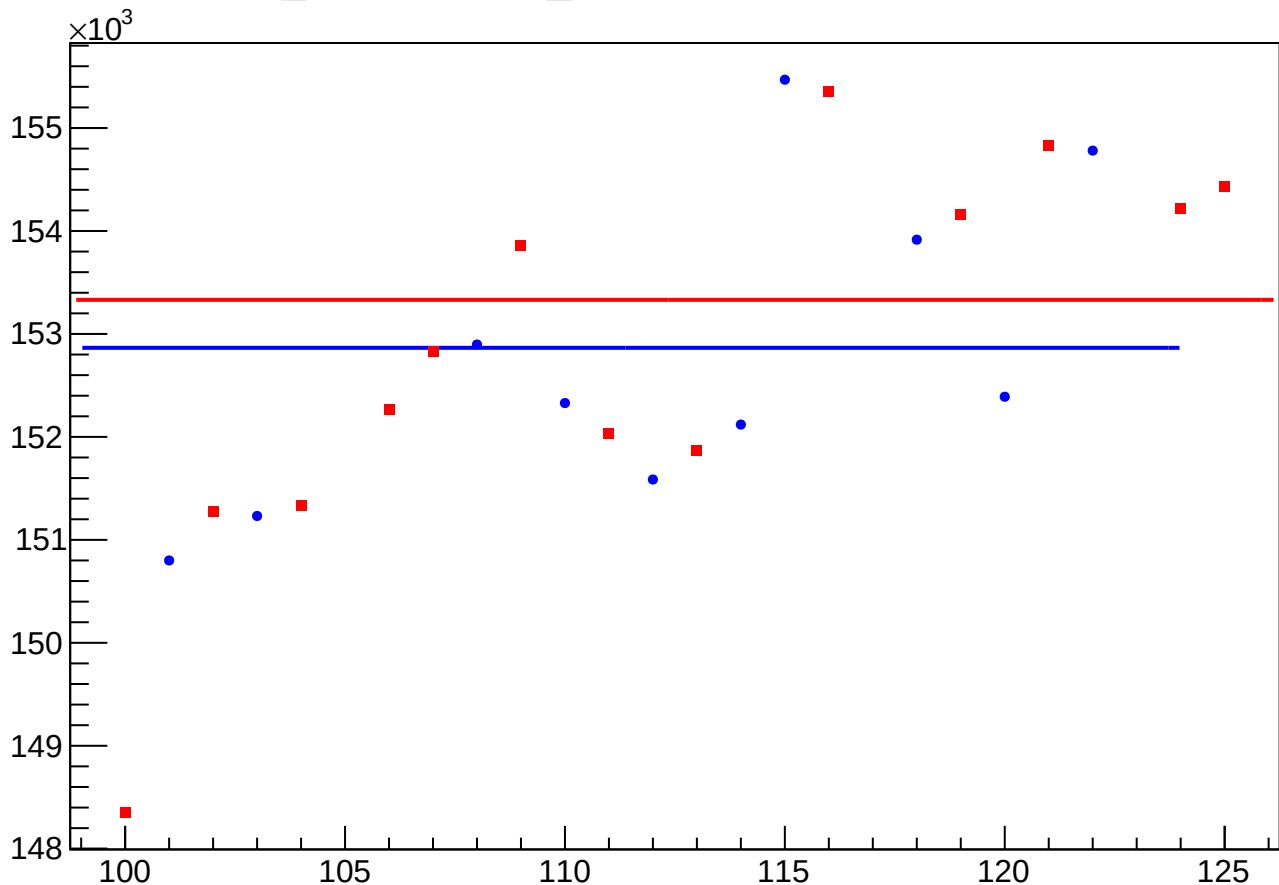
Right: 159.845+/-0.041 χ^2/NDF : 1842492.6/22

In: 166.280+/-0.063 χ^2/NDF : 835183.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.845+/-0.041 χ^2/NDF : 1842492.6/22

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

Right: 153149.986+/-0.065 χ^2/NDF : 393189306.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153331.327+/-0.083 χ^2/NDF : 229923296.1/12

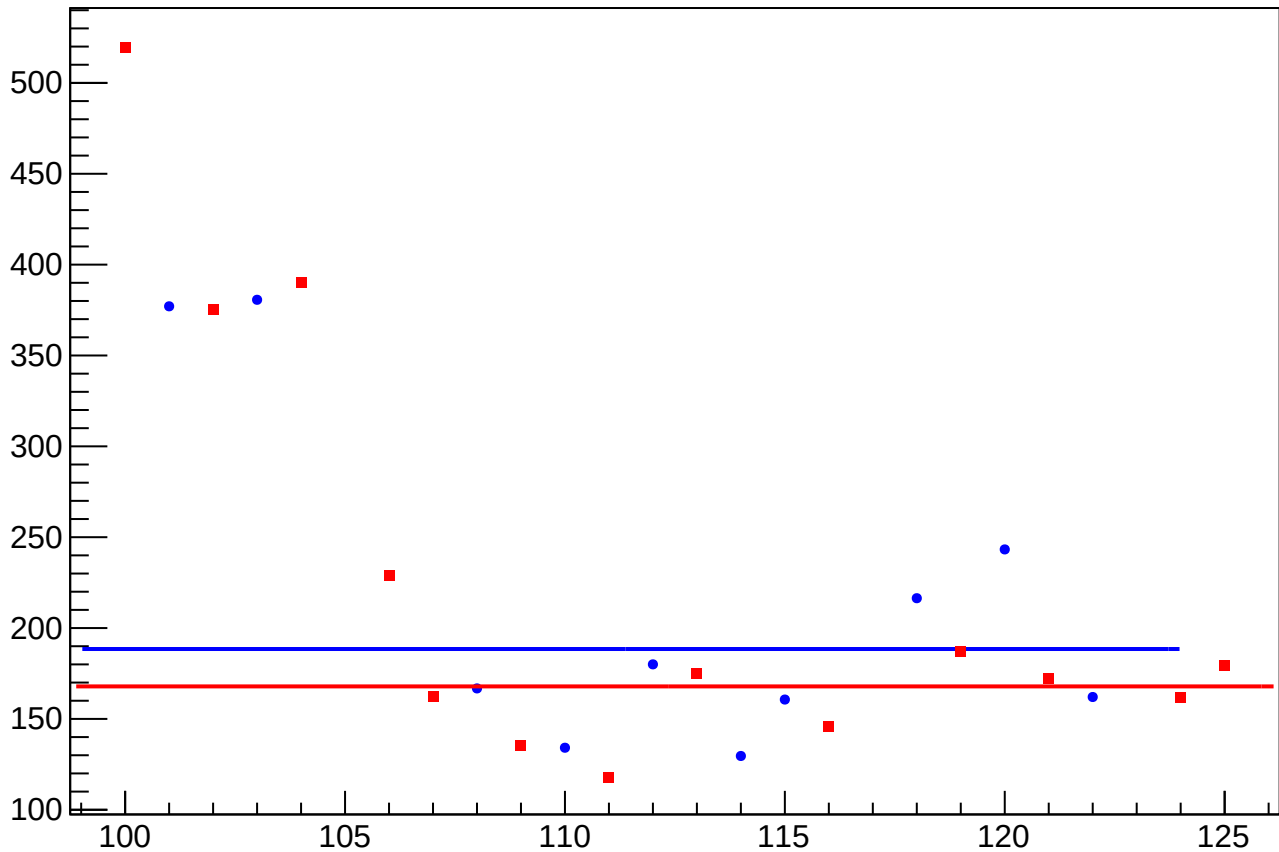
In: 152865.221+/-0.104 χ^2/NDF : 151047025.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153149.986+/-0.065 χ^2/NDF : 393189306.8/2

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 188.470 $\pm$ 0.074 χ^2 /NDF: 873210.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 167.890 $\pm$ 0.059 χ^2 /NDF: 1066171.5/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

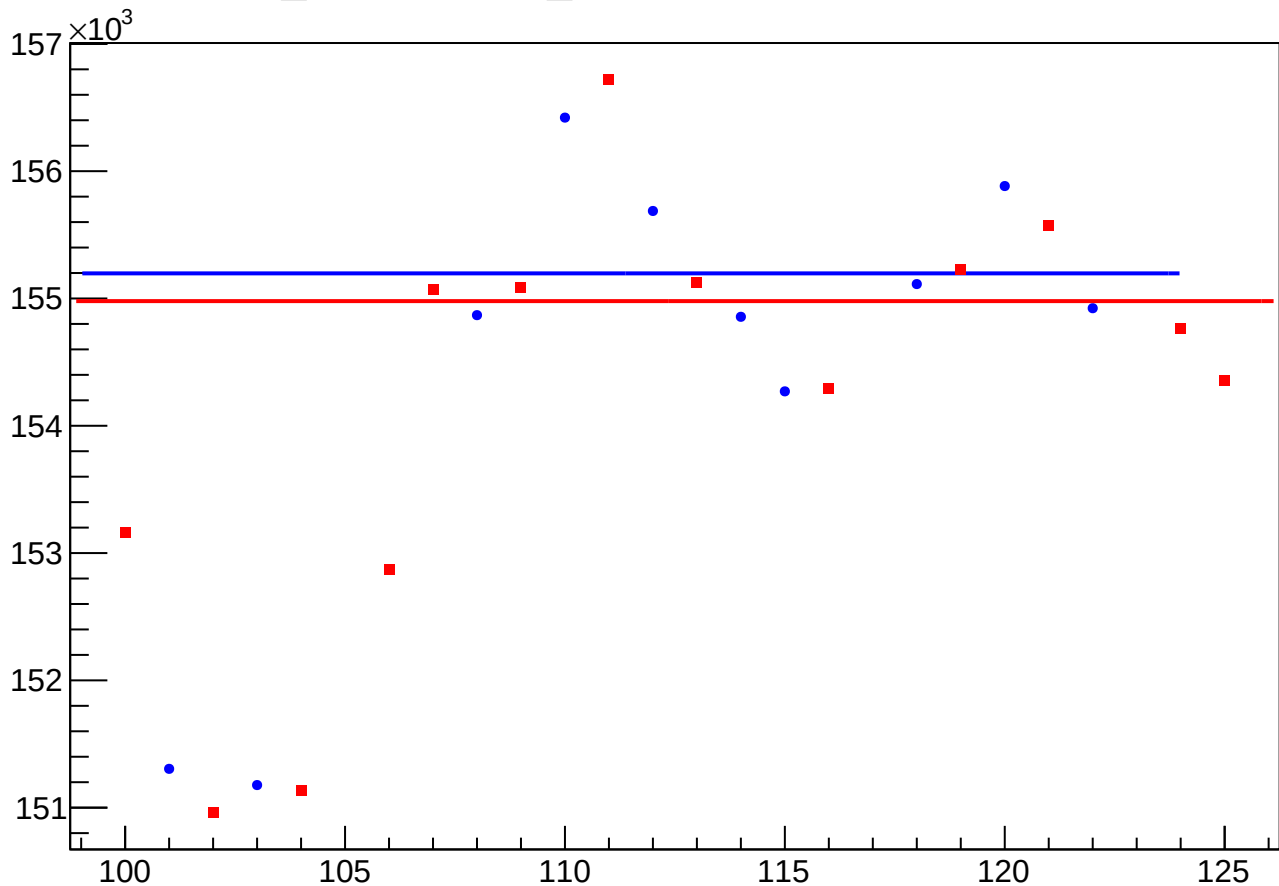
Right: 175.897 $\pm$ 0.046 χ^2 /NDF: 1987023.2/22

In: 188.470 $\pm$ 0.074 χ^2 /NDF:873210.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 175.897 $\pm$ 0.046 χ^2 /NDF: 1987023.2/22

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 155197.201+/-0.083 χ^2 /NDF: 182582707.0/9

Right: 155073.256+/-0.055 χ^2 /NDF: 461516553.5/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

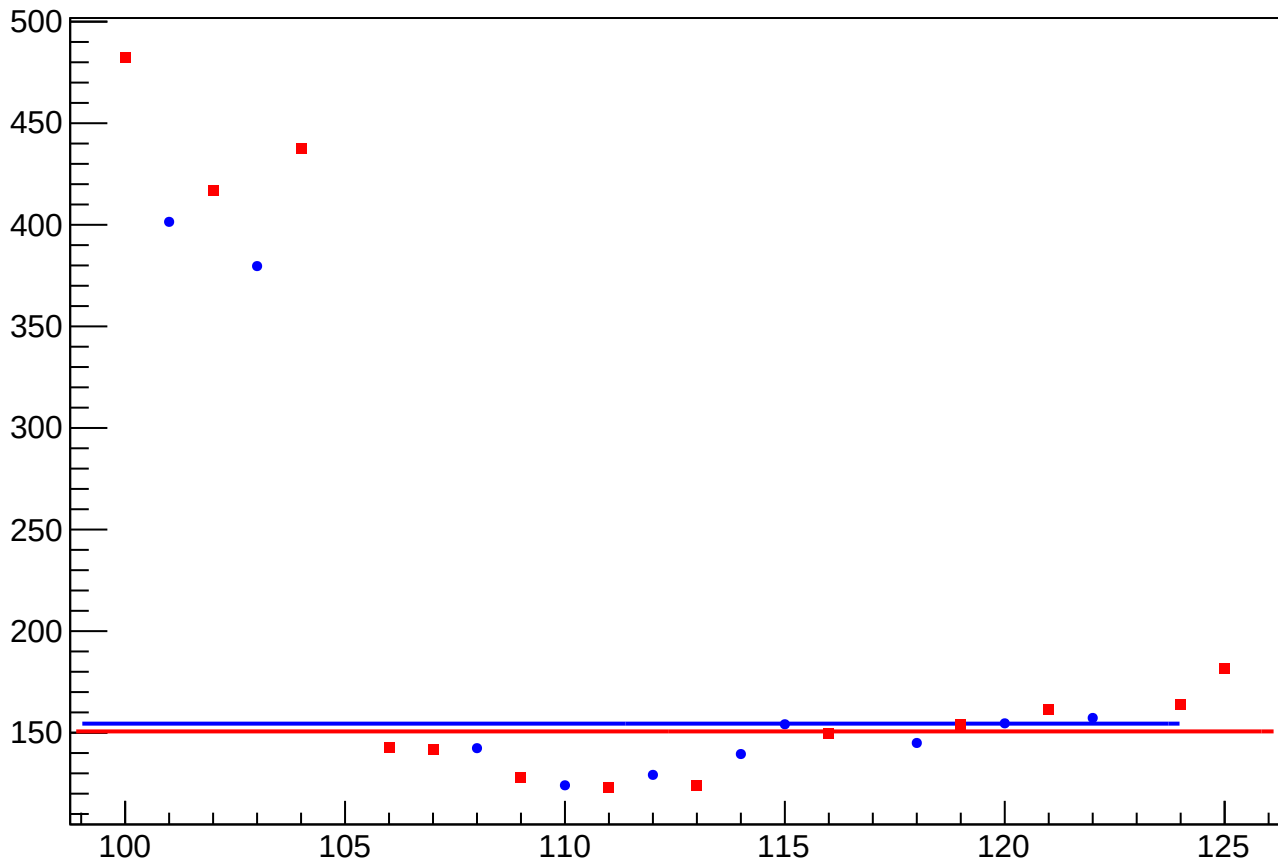
Right Out: 154979.263+/-0.072 χ^2 /NDF: 275030754.5/12

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 155073.256+/-0.055 χ^2 /NDF: 461516553.5/2

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 154.471+/-0.059 χ^2/NDF : 984555.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.642+/-0.051 χ^2/NDF : 1187862.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

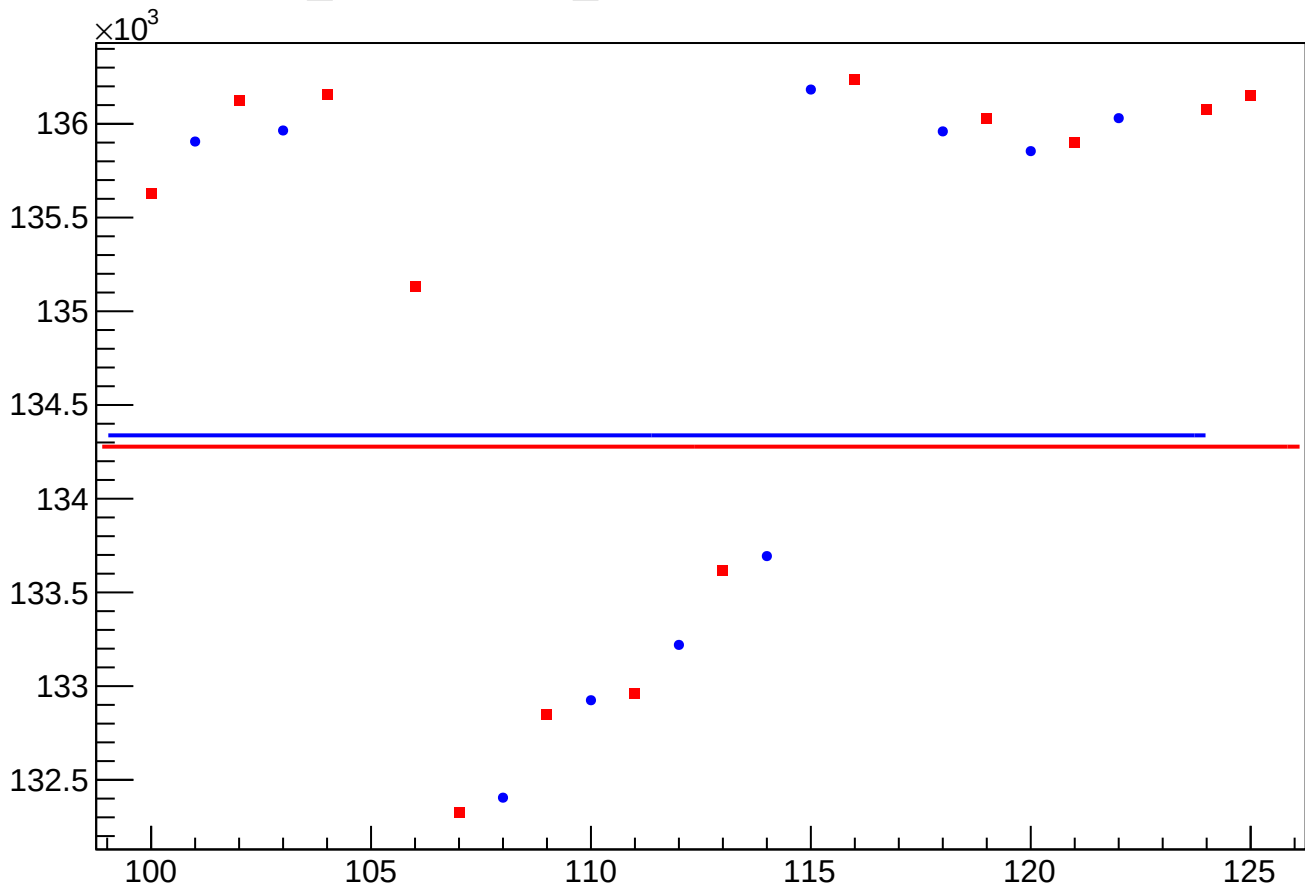
Right: 152.294+/-0.039 χ^2/NDF : 2174827.2/22

In: 154.471+/-0.059 χ^2/NDF : 984555.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

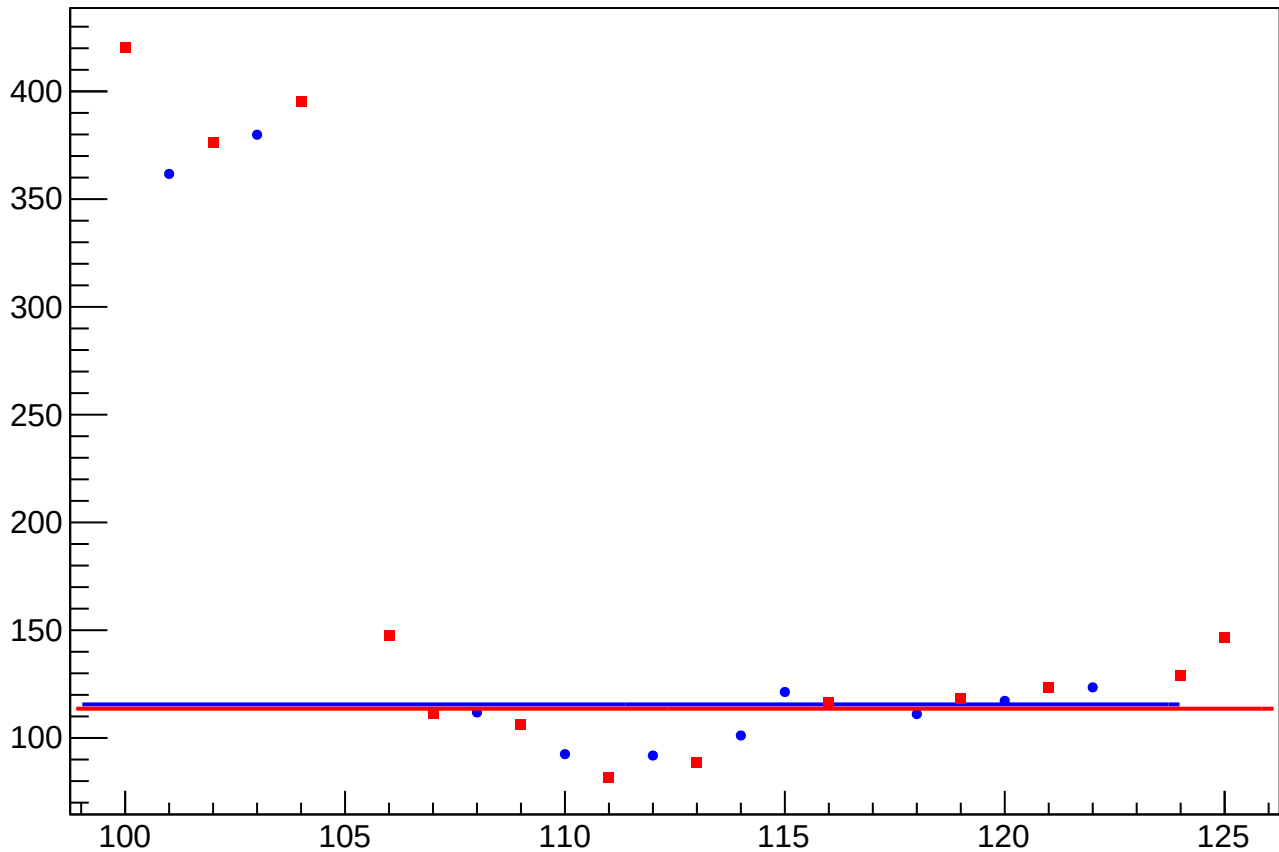
All: 152.294+/-0.039 χ^2/NDF : 2174827.2/22

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 134337.988 $\pm$ 0.064 χ^2 /NDF: 567098668.8/9
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 134304.264 $\pm$ 0.042 χ^2 /NDF: 1252175872.3
 In: 134337.988 $\pm$ 0.064 χ^2 /NDF: 567098668.8/9
 Right Out: 134277.719 $\pm$ 0.056 χ^2 /NDF: 684574680.4/12
 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: 134304.264 $\pm$ 0.042 χ^2 /NDF: 1252175872.3

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: 113.597+/-0.040 χ^2/NDF : 1510163.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

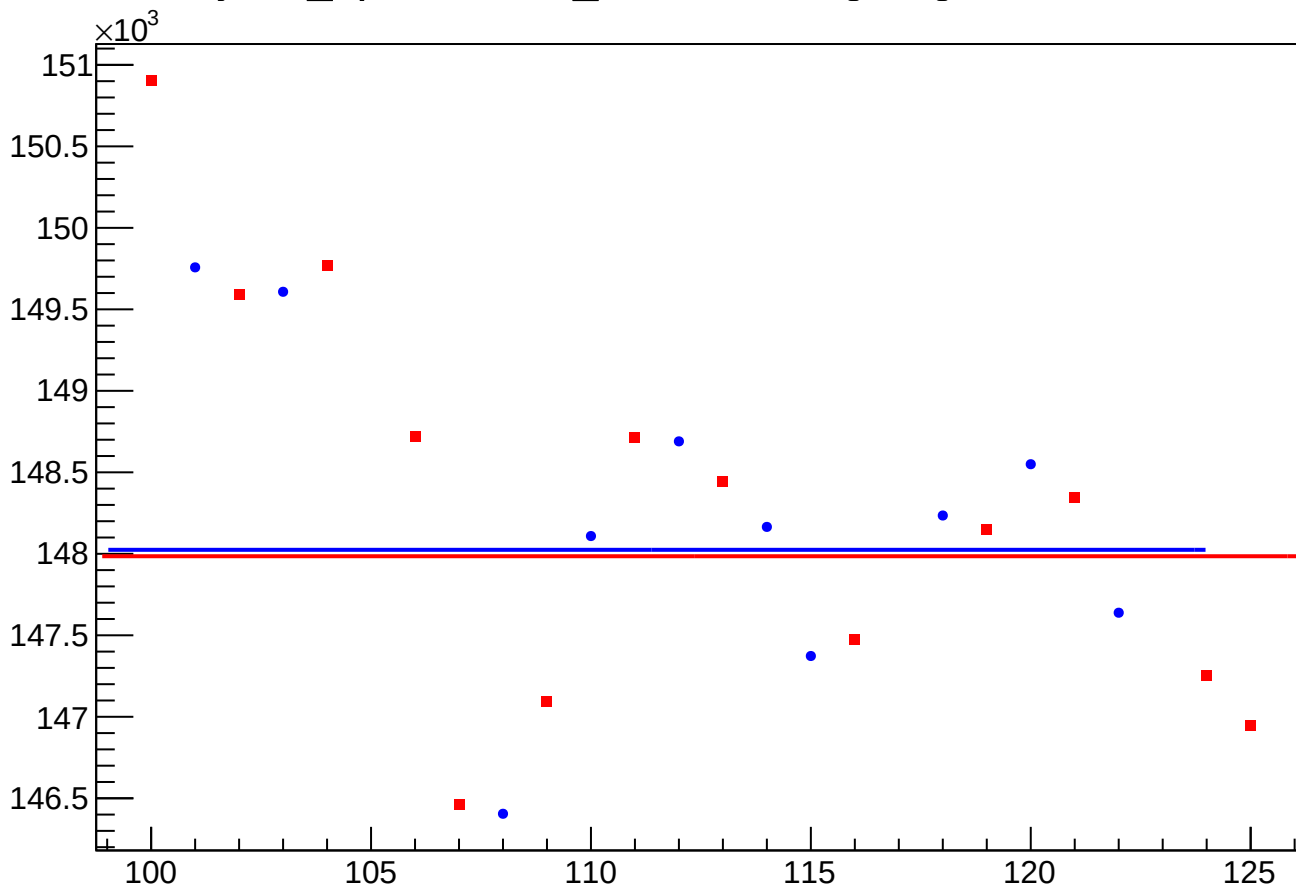
Right: 114.468+/-0.030 χ^2/NDF : 2817485.5/22

In: 115.575+/-0.045 χ^2/NDF : 1306239.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.468+/-0.030 χ^2/NDF : 2817485.5/22

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

Right: 148002.345+/-0.052 χ^2 /NDF: 246139278.7/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 147985.133+/-0.070 χ^2 /NDF: 135449021.7/12

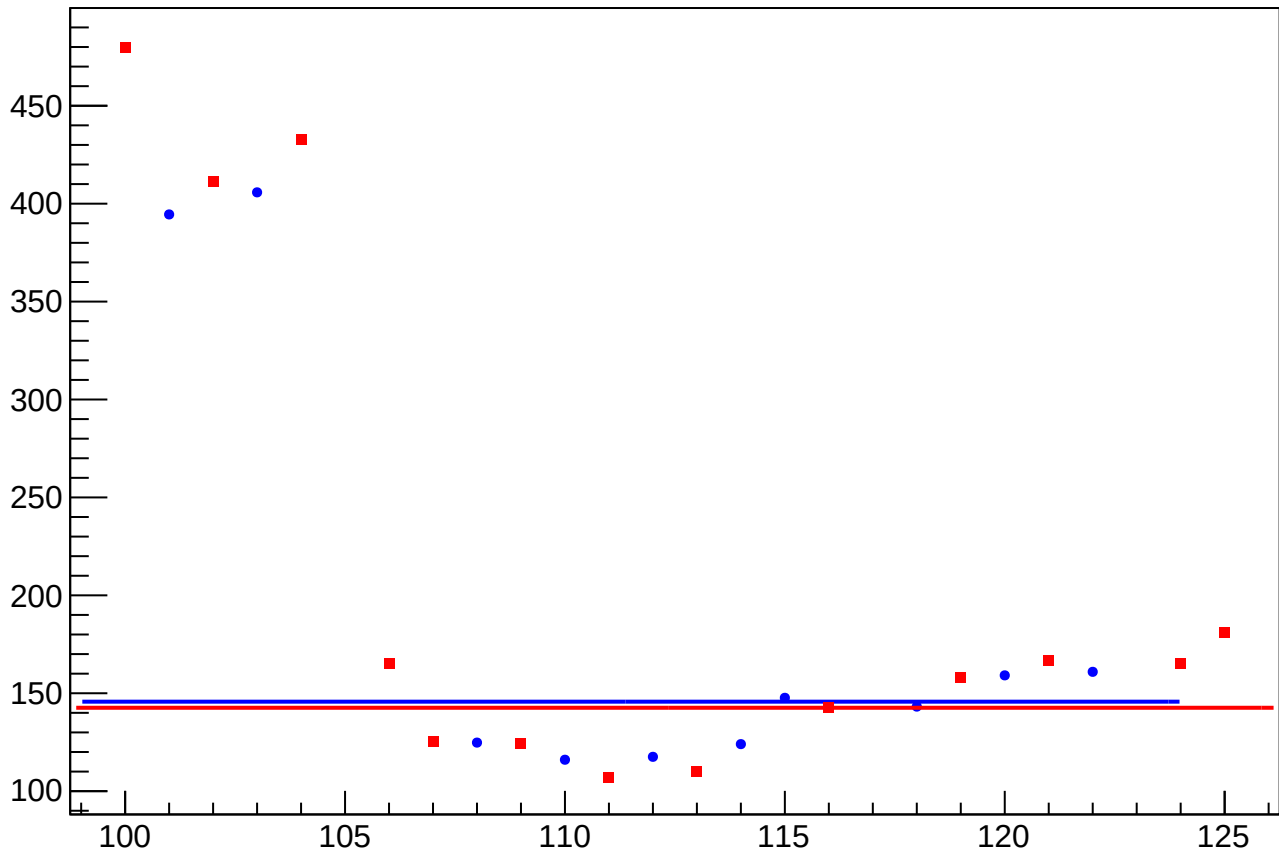
In: 148024.543+/-0.079 χ^2 /NDF: 110550822.2/9

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 148002.345+/-0.052 χ^2 /NDF: 246139278.7/2

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 145.702 $\pm$ 0.056 χ^2 /NDF: 1152027.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 142.589 $\pm$ 0.049 χ^2 /NDF: 1369010.9/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

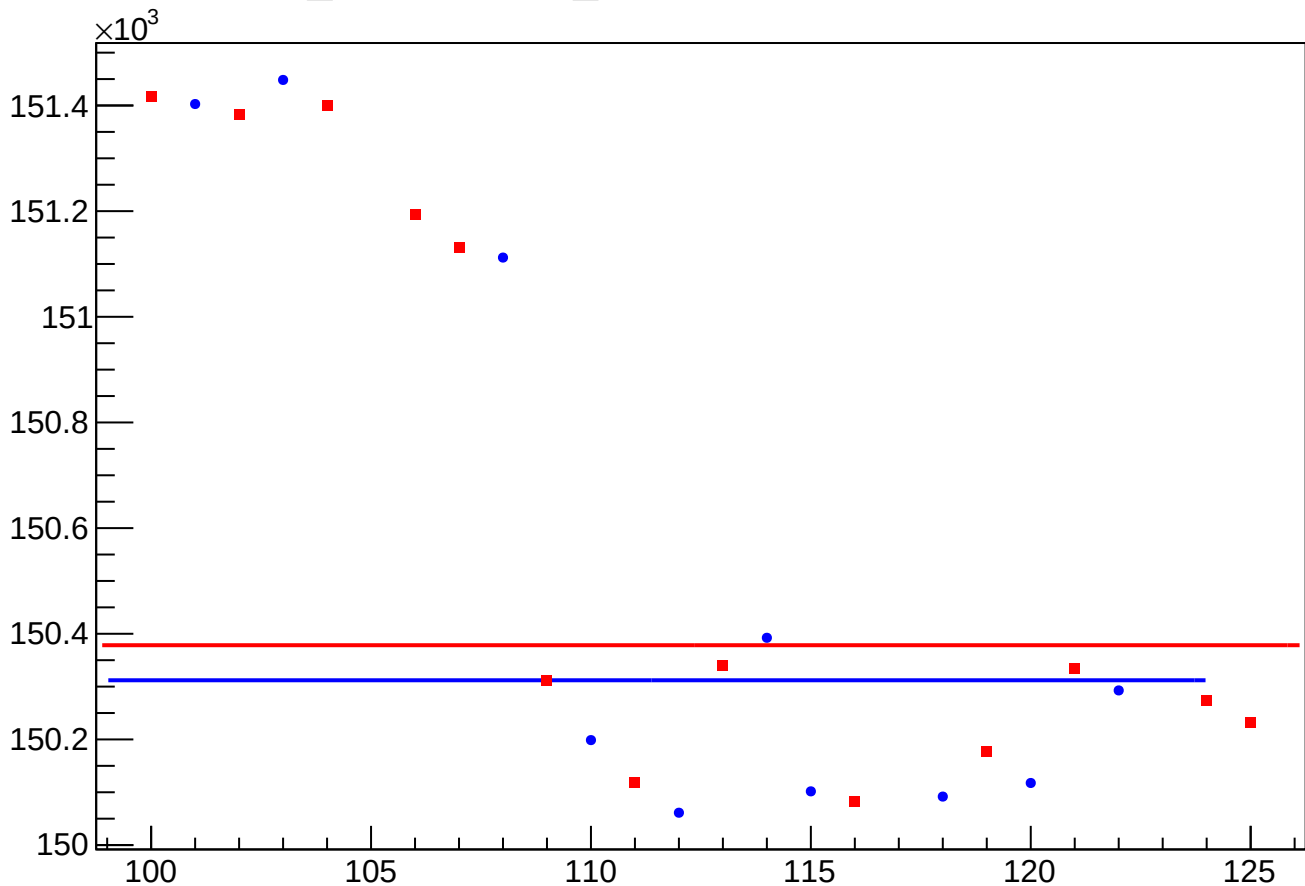
Right: 143.949 $\pm$ 0.037 χ^2 /NDF: 2522778.5/22

In: 145.702 $\pm$ 0.056 χ^2 /NDF:1152027.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

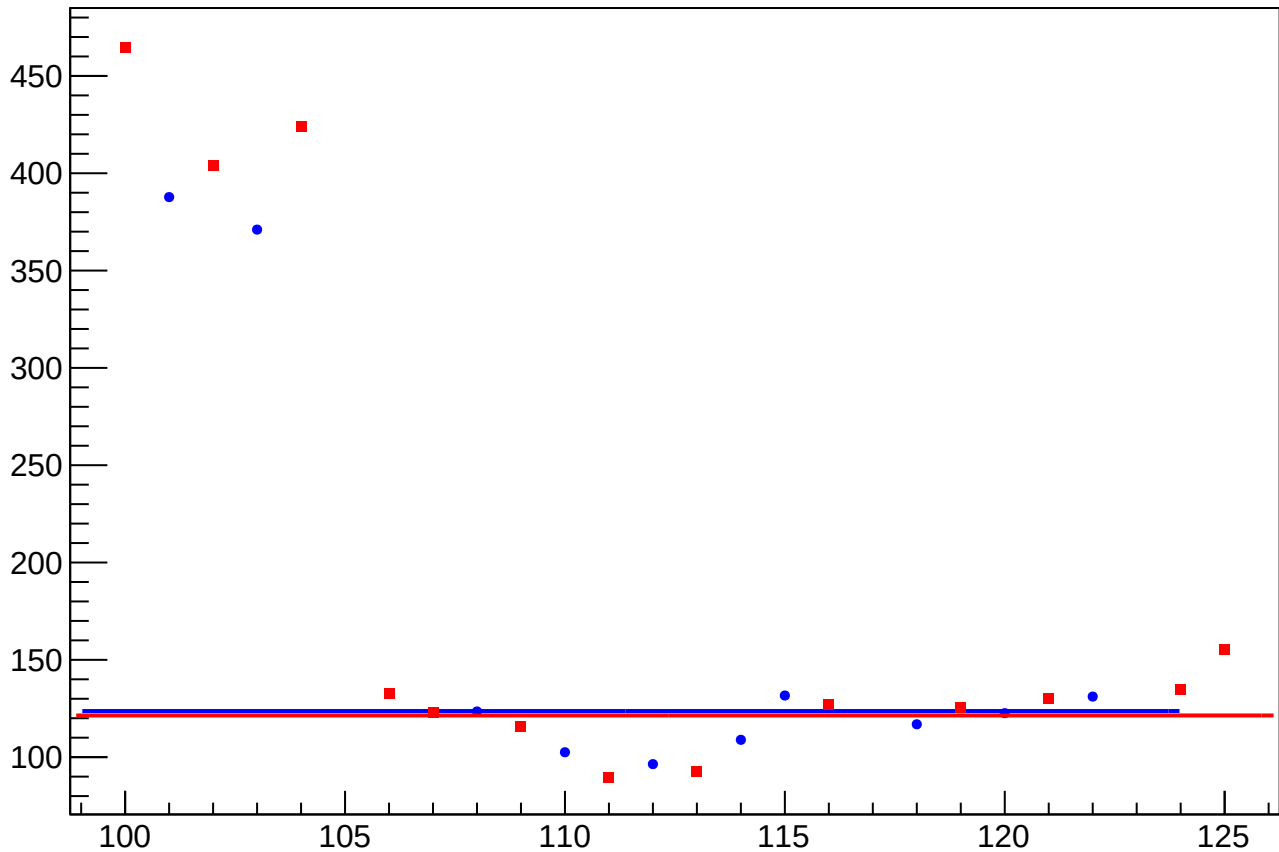
All: 143.949 $\pm$ 0.037 χ^2 /NDF: 2522778.5/22

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 150311.984 $\pm$ 0.068 χ^2 /NDF: 33125297.9/9
 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: 150349.509 $\pm$ 0.045 χ^2 /NDF: 69072304.8/22
 In: 150311.984 $\pm$ 0.068 χ^2 /NDF: 33125297.9/9
 Right Out: 150378.341 $\pm$ 0.060 χ^2 /NDF: 35409249.8/12
 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: 150349.509 $\pm$ 0.045 χ^2 /NDF: 69072304.8/22

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: 121.420+/-0.042 χ^2/NDF : 1477269.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

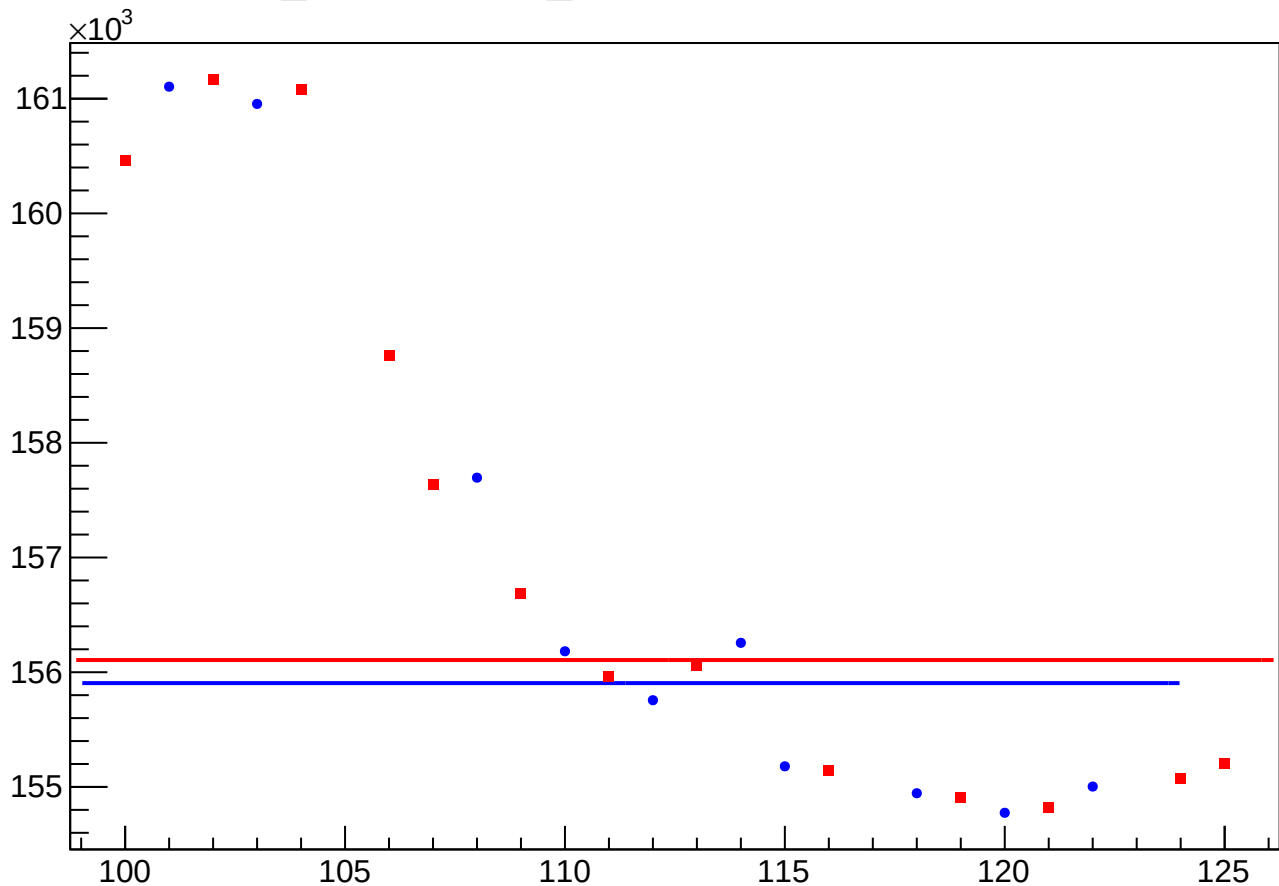
Right: 122.409+/-0.032 χ^2/NDF : 2702976.5/22

In: 123.695+/-0.048 χ^2/NDF : 1224442.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

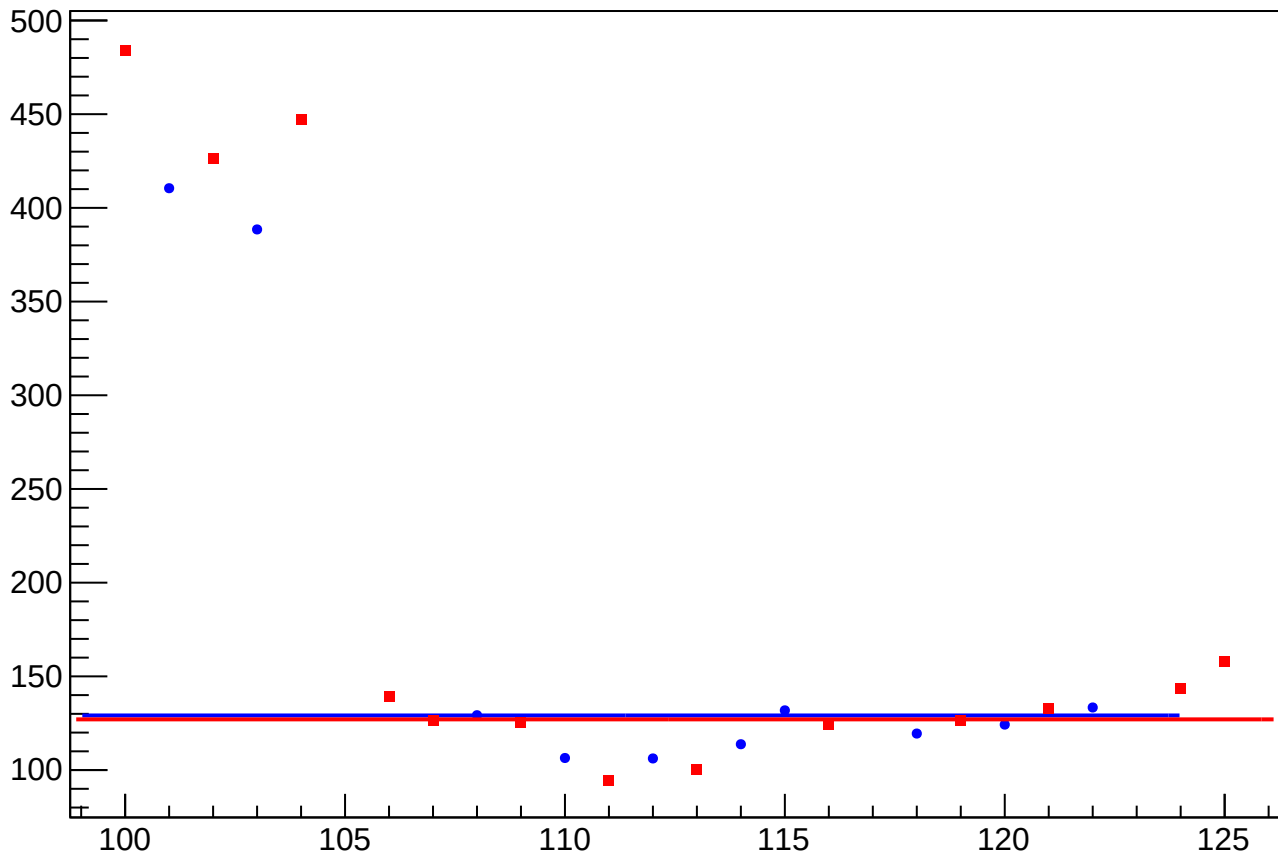
All: 122.409+/-0.032 χ^2/NDF : 2702976.5/22

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: 155905.133 $\pm$ 0.071 χ^2 /NDF: 363787074.8/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 156106.252 $\pm$ 0.062 χ^2 /NDF: 449062780.6/12
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 155905.133 $\pm$ 0.071 χ^2 /NDF: 363787074.8/9
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 156018.703 $\pm$ 0.047 χ^2 /NDF: 817386017.2/20

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: 127.053+/-0.044 χ^2/NDF : 1448530.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

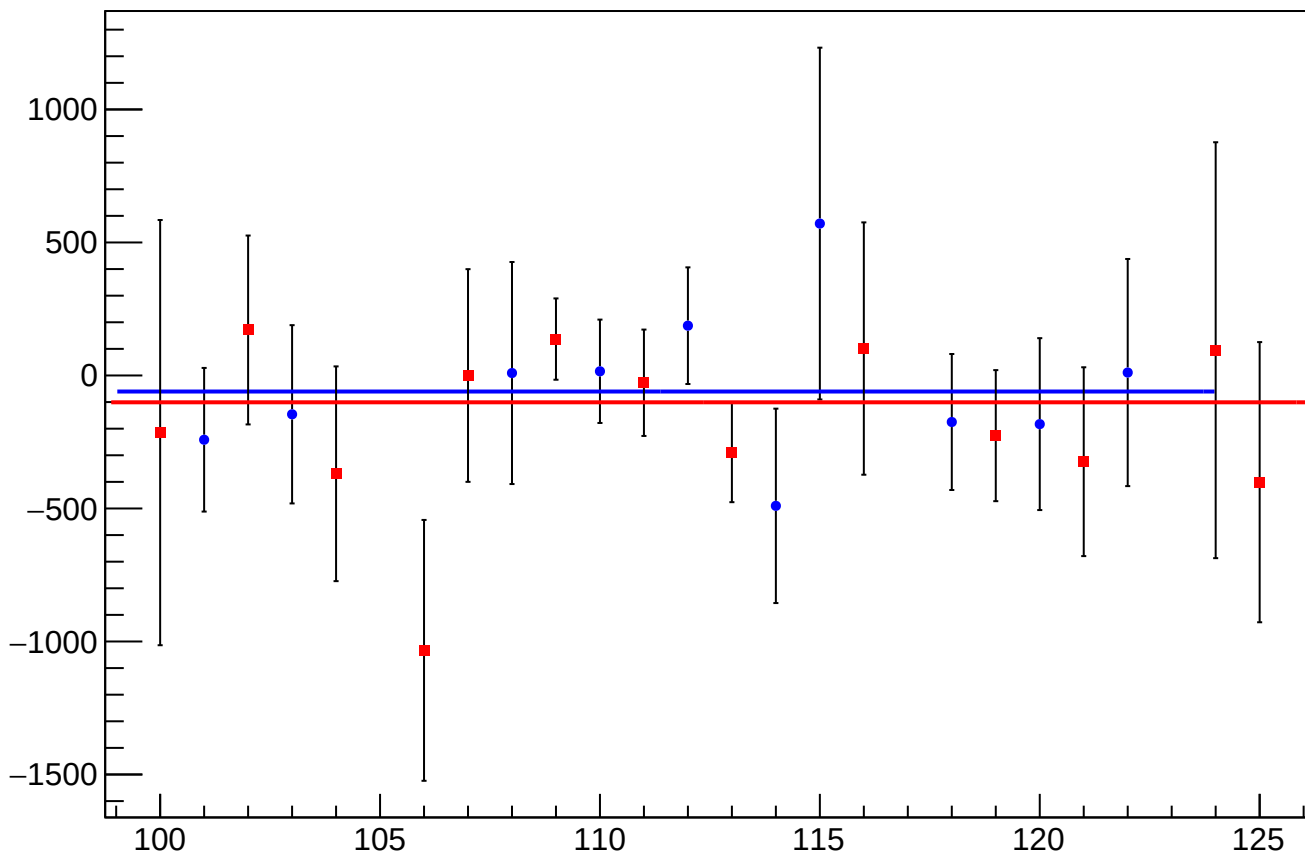
Right: 127.958+/-0.033 χ^2/NDF : 2656664.1/22

In: 129.132+/-0.050 χ^2/NDF : 1207163.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.958+/-0.033 χ^2/NDF : 2656664.1/22

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: -100.885 ± 79.905 χ^2/NDF : 9.5/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

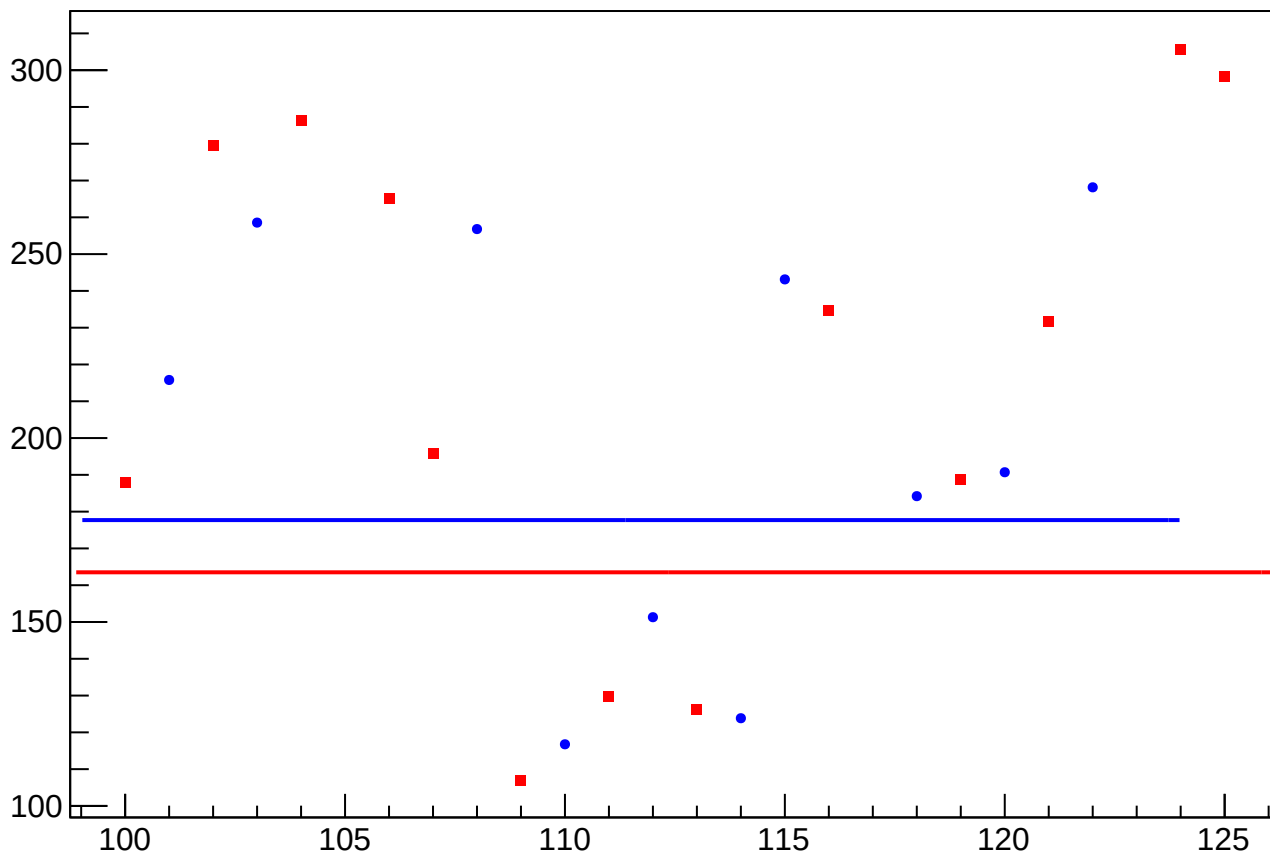
Right: -83.645 ± 60.586 χ^2/NDF : 14.3/22

In: -60.329 ± 92.926 χ^2/NDF : 4.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -83.645 ± 60.586 χ^2/NDF : 14.3/22

asym_bcm_target_rms vs Slug, Sign Corrected



Right In: 177.701 $\pm$ 0.066 χ^2 /NDF: 611295.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 163.506 $\pm$ 0.057 χ^2 /NDF: 1246427.8/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

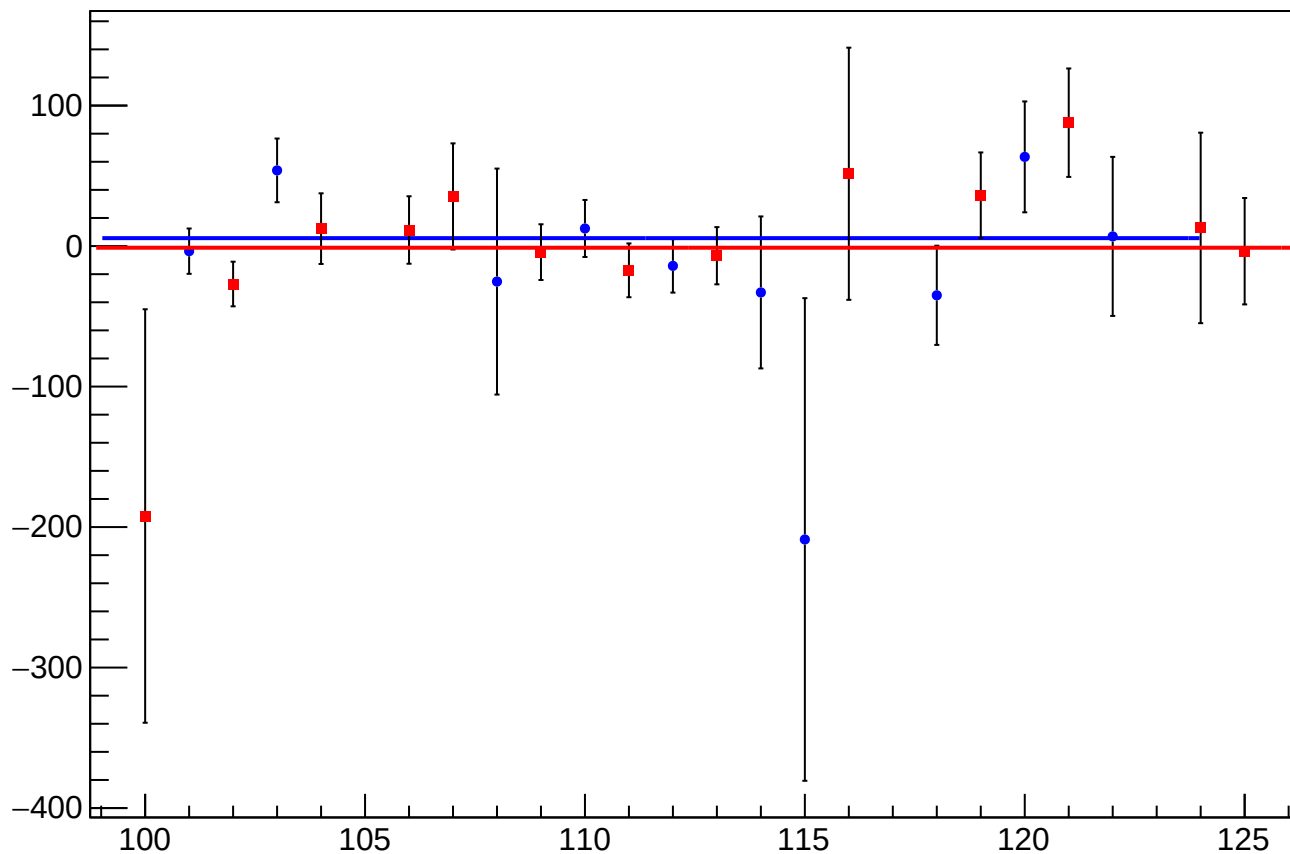
Right: 169.540 $\pm$ 0.043 χ^2 /NDF: 1884553.6/22

In: 177.701 $\pm$ 0.066 χ^2 /NDF:611295.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 169.540 $\pm$ 0.043 χ^2 /NDF: 1884553.6/22

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: -1.175+/-7.353 χ^2/NDF : 13.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

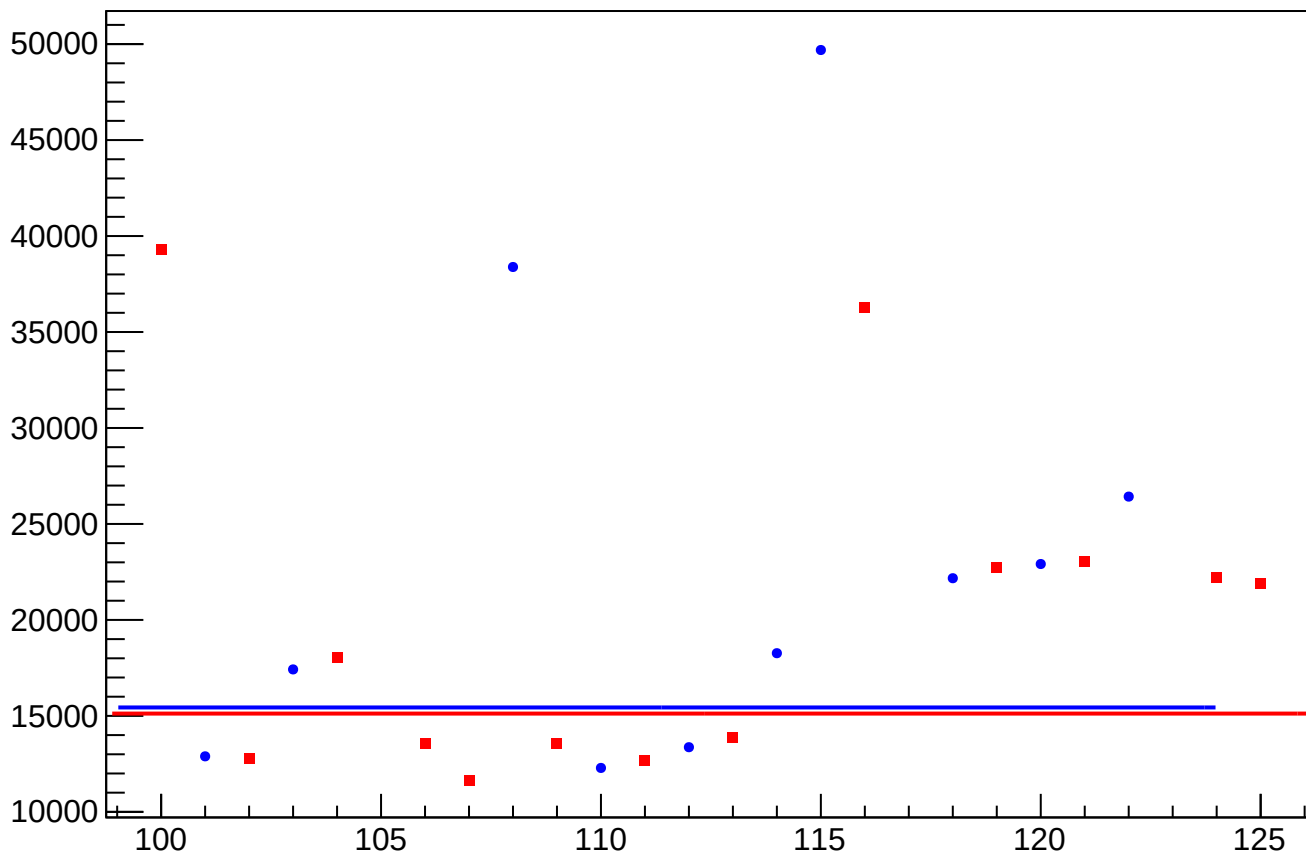
Right: 1.673+/-5.611 χ^2/NDF : 25.9/22

In: 5.643+/-8.682 χ^2/NDF :11.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.673+/-5.611 χ^2/NDF : 25.9/22

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: 15120.481+/-5.200 χ^2/NDF : 610186.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

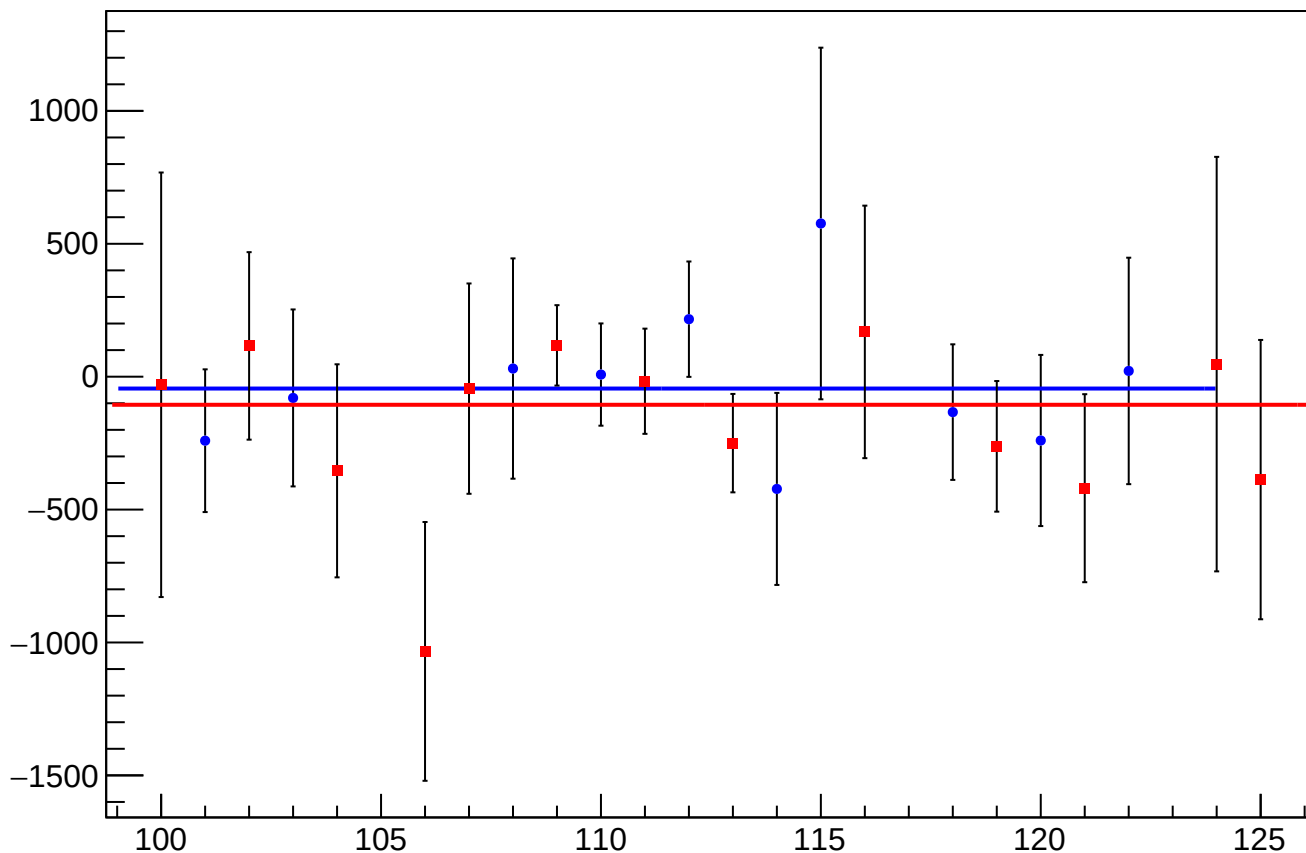
Right: 15253.809+/-3.968 χ^2/NDF : 1216468.4/22

In: 15439.690+/-6.139 χ^2/NDF :604707.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 15253.809+/-3.968 χ^2/NDF : 1216468.4/22

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: -105.701 ± 79.276 χ^2/NDF : 9.3/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

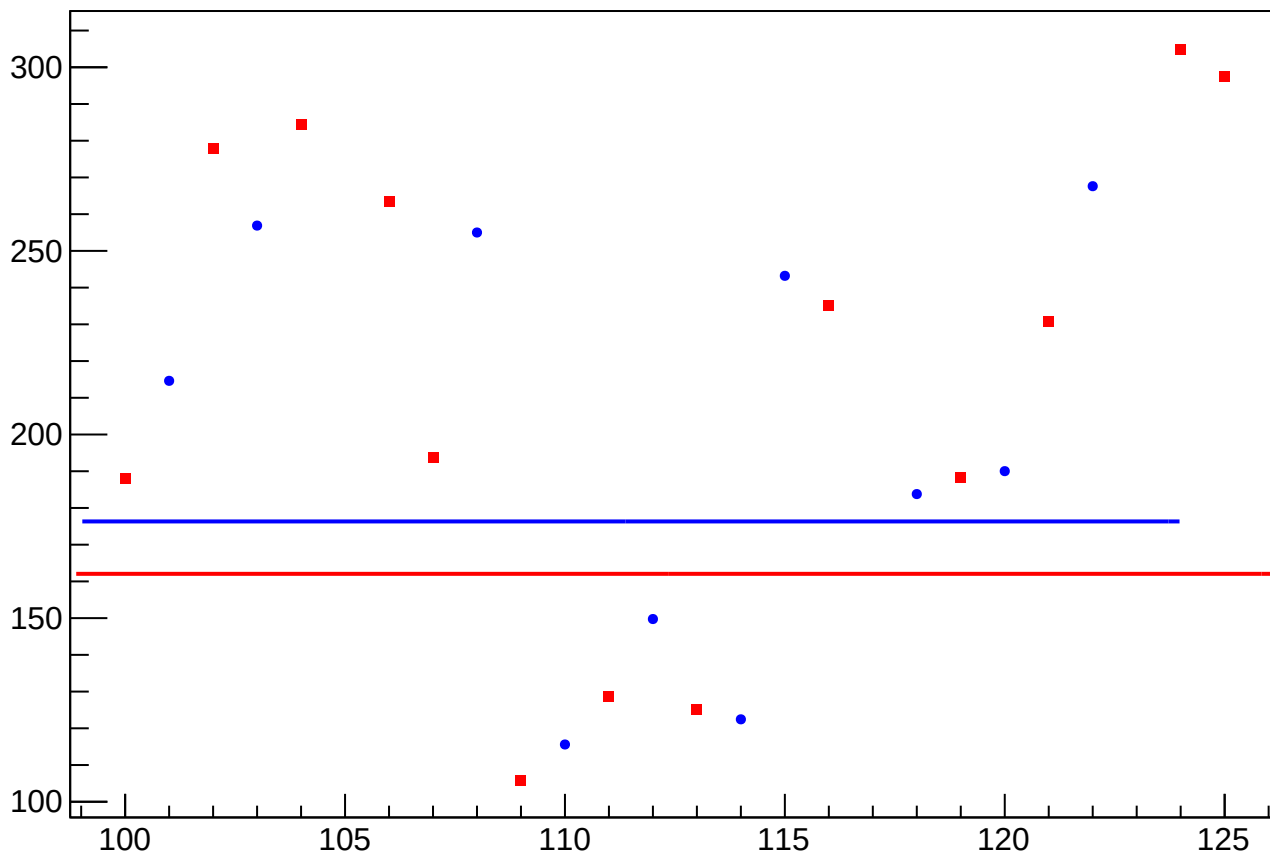
Right: -79.749 ± 60.131 χ^2/NDF : 14.1/22

In: -44.591 ± 92.272 χ^2/NDF : 4.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -79.749 ± 60.131 χ^2/NDF : 14.1/22

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: 162.062+/-0.056 χ^2/NDF : 1262157.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

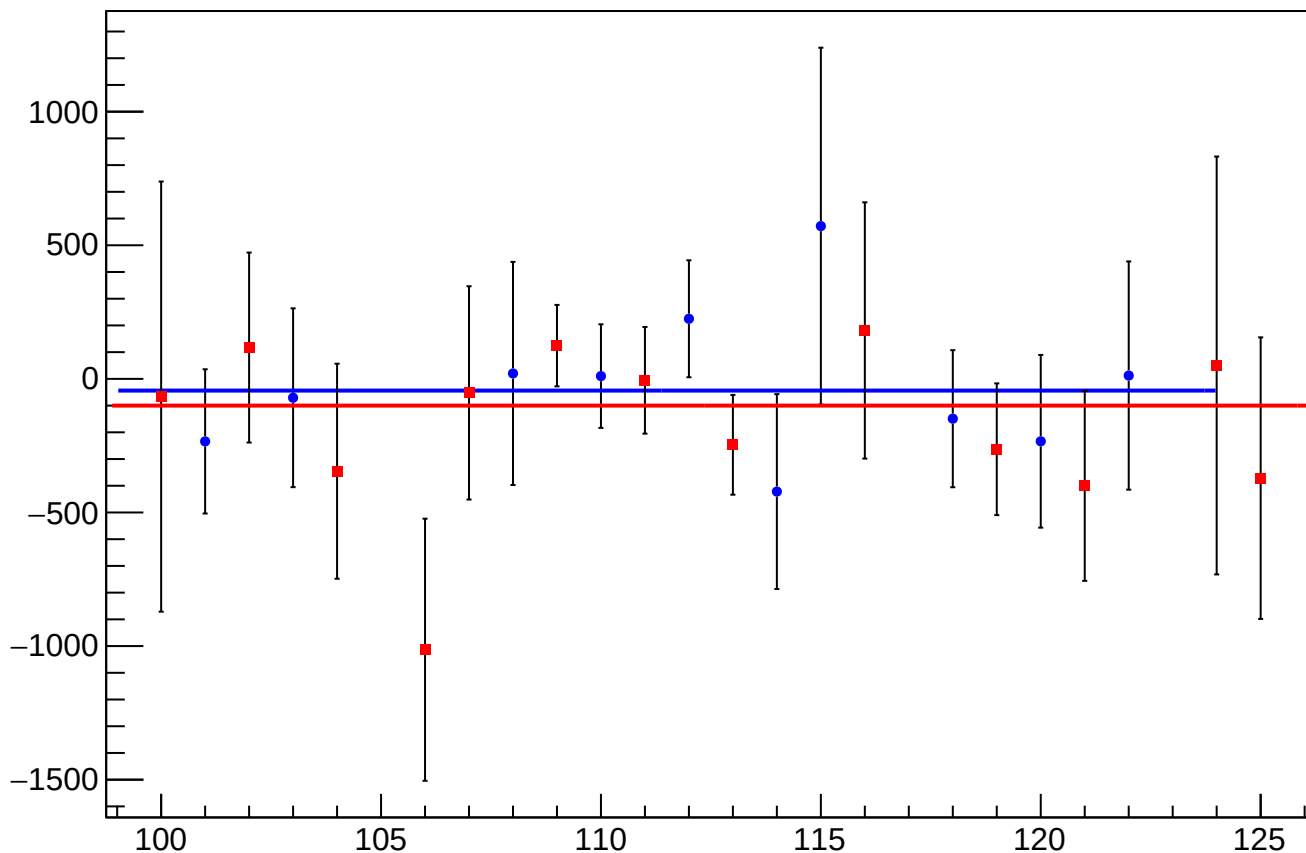
Right: 168.121+/-0.043 χ^2/NDF : 1911030.1/22

In: 176.331+/-0.065 χ^2/NDF :621356.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 168.121+/-0.043 χ^2/NDF : 1911030.1/22

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: -100.033 ± 79.835 χ^2/NDF : 9.0/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

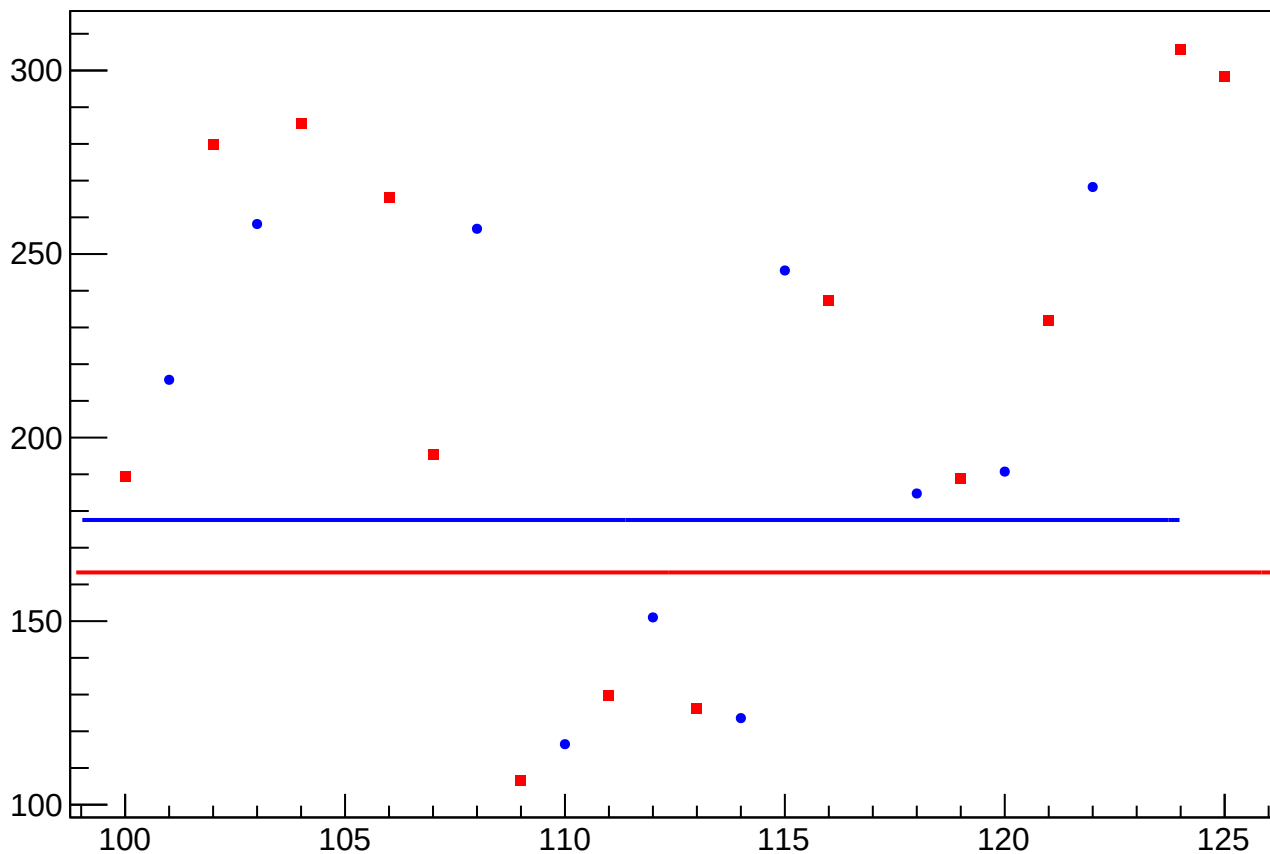
Right: -76.148 ± 60.545 χ^2/NDF : 13.8/22

In: -43.817 ± 92.885 χ^2/NDF : 4.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -76.148 ± 60.545 χ^2/NDF : 13.8/22

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: 163.270+/-0.056 χ^2/NDF : 1255076.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

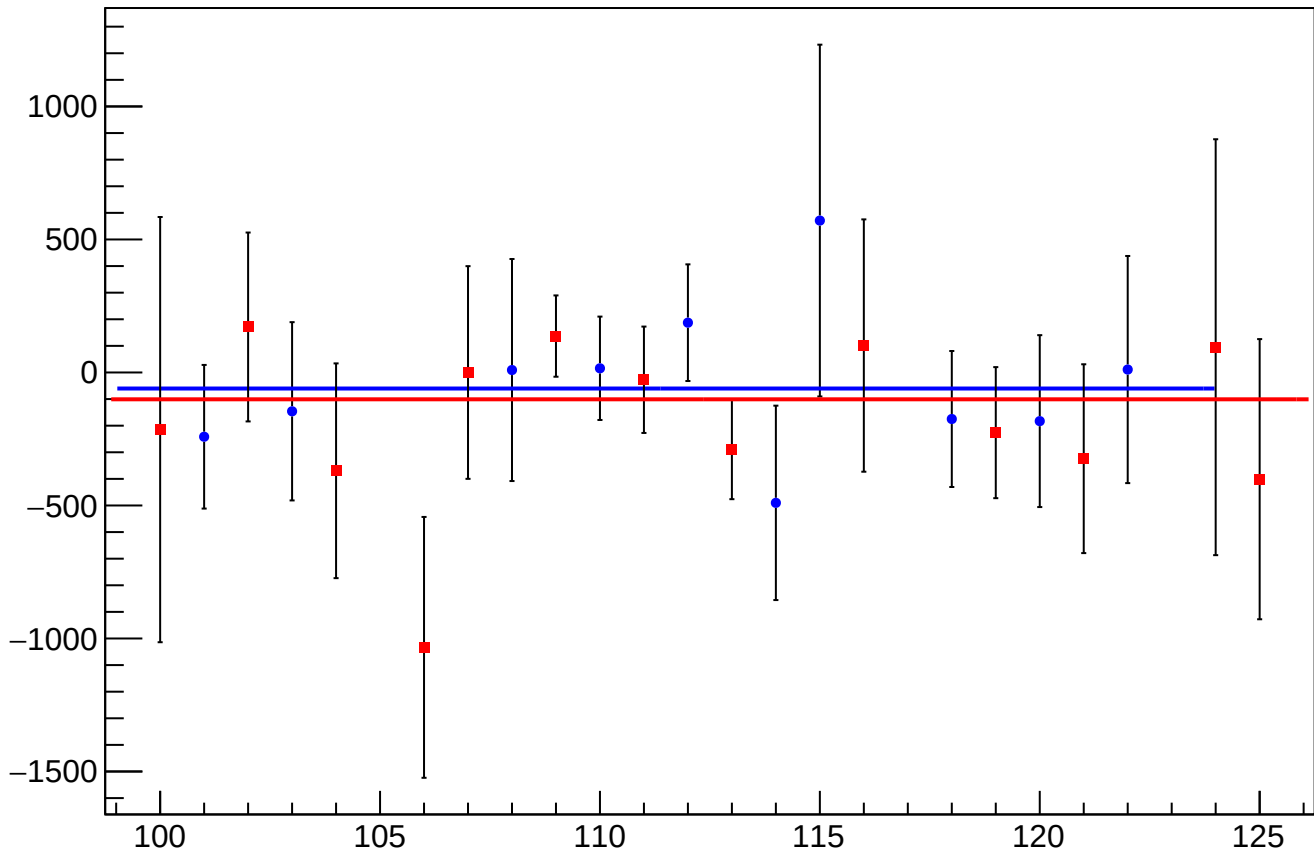
Right: 169.340+/-0.043 χ^2/NDF : 1898233.4/22

In: 177.556+/-0.066 χ^2/NDF : 615947.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.340+/-0.043 χ^2/NDF : 1898233.4/22

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: -100.885 ± 79.905 χ^2/NDF : 9.5/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

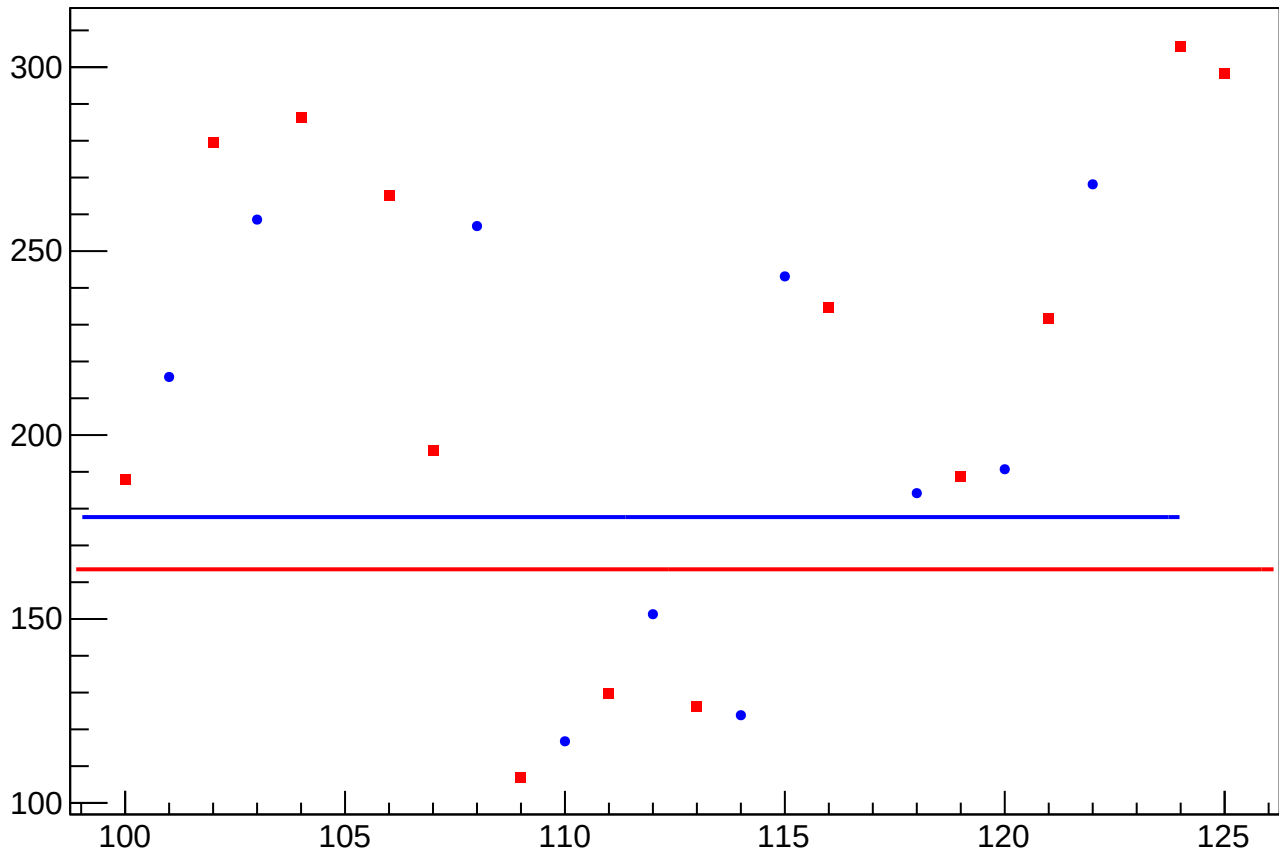
Right: -83.645 ± 60.586 χ^2/NDF : 14.3/22

In: -60.329 ± 92.926 χ^2/NDF : 4.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -83.645 ± 60.586 χ^2/NDF : 14.3/22

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: 163.506+/-0.057 χ^2/NDF : 1246427.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

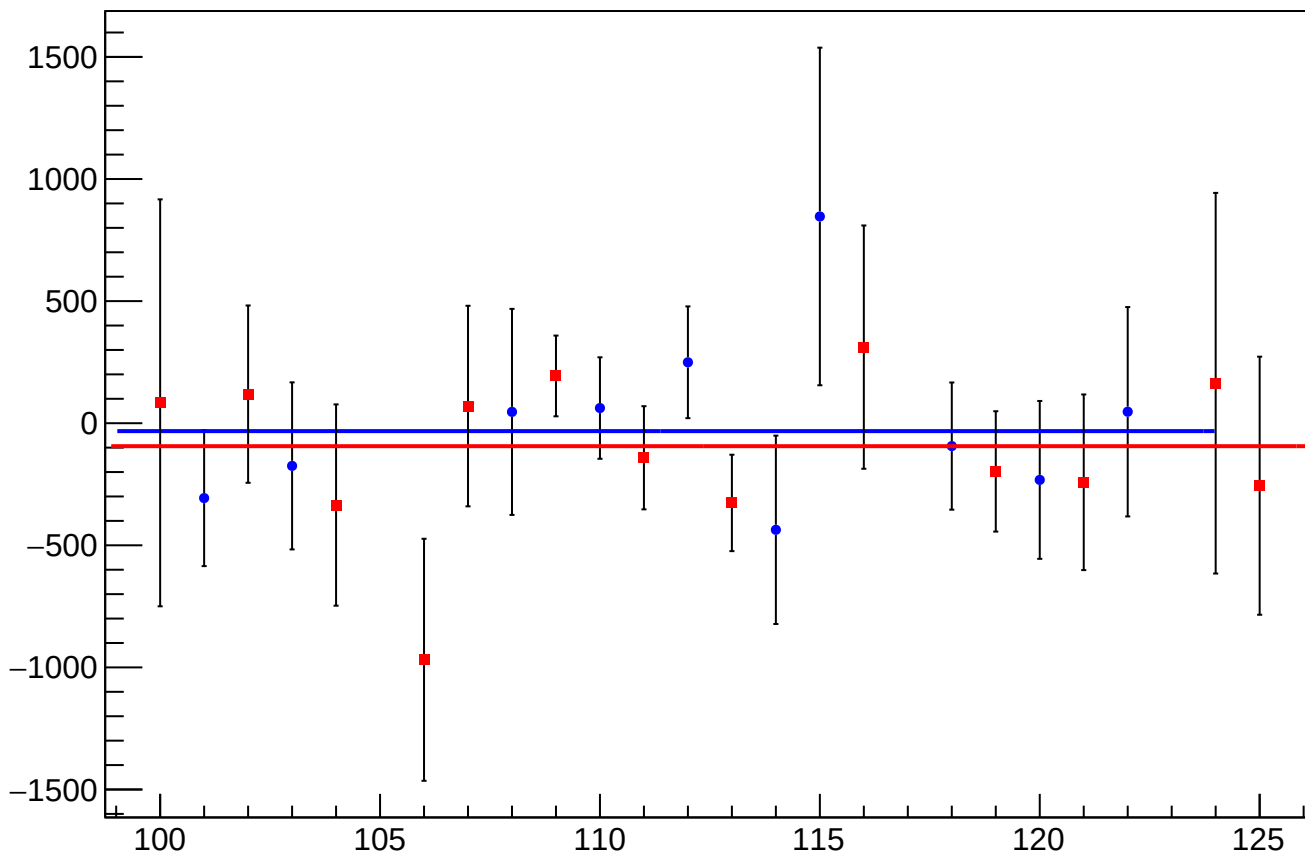
Right: 169.540+/-0.043 χ^2/NDF : 1884553.6/22

In: 177.701+/-0.066 χ^2/NDF :611295.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 169.540+/-0.043 χ^2/NDF : 1884553.6/22

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: -94.088 ± 83.616 χ^2/NDF : 9.7/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

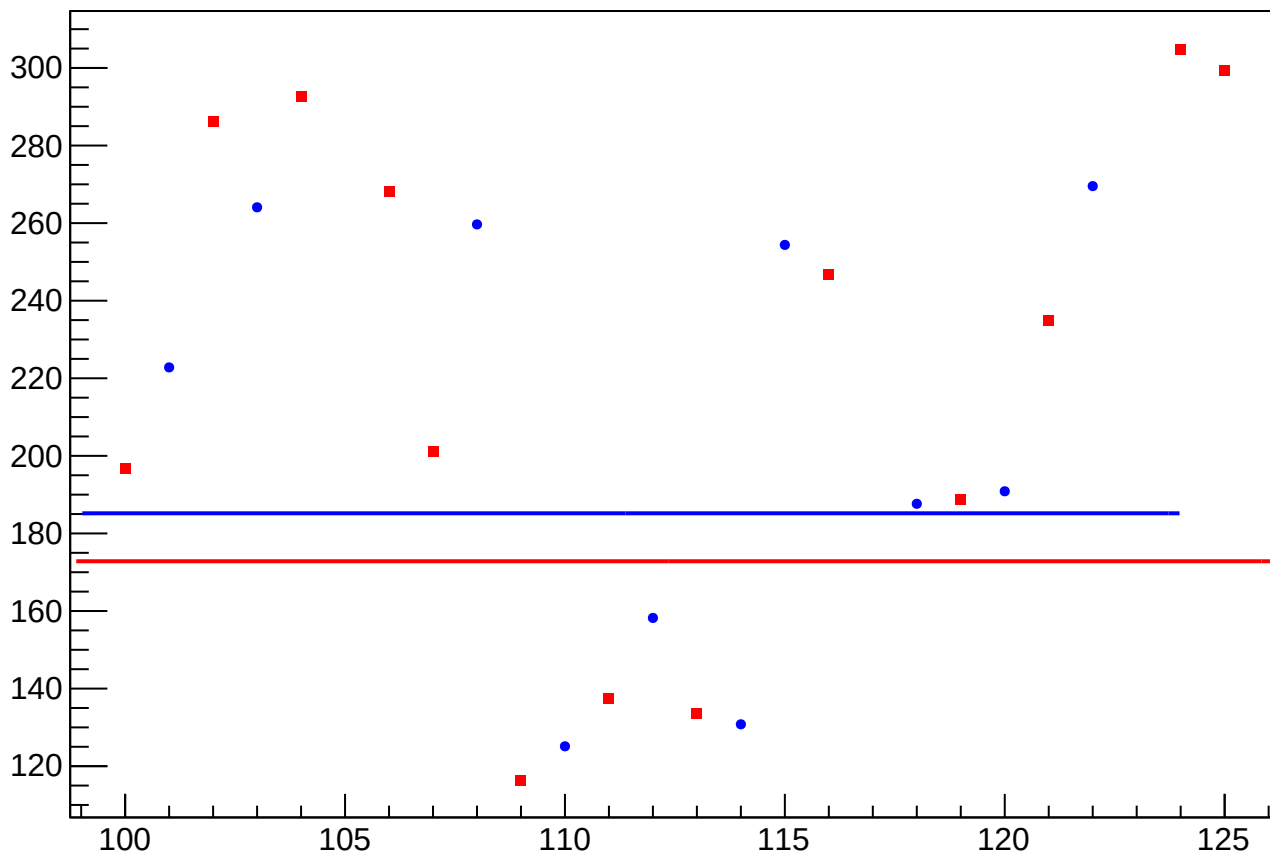
Right: -67.551 ± 63.133 χ^2/NDF : 16.0/22

In: -32.364 ± 96.284 χ^2/NDF : 6.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -67.551 ± 63.133 χ^2/NDF : 16.0/22

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 185.190 $\pm$ 0.068 χ^2 /NDF: 538071.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 172.829 $\pm$ 0.059 χ^2 /NDF: 1101323.8/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

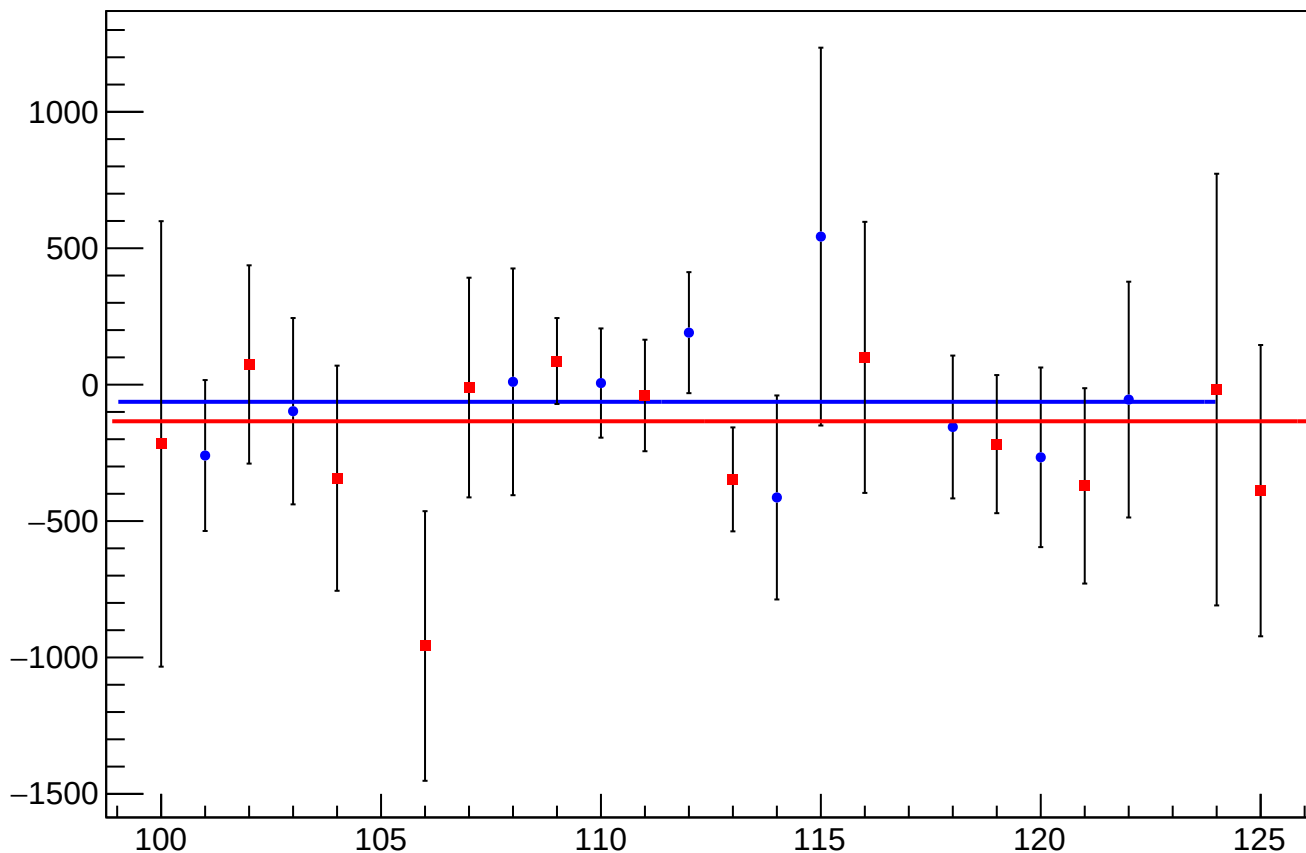
Right: 178.143 $\pm$ 0.045 χ^2 /NDF: 1658187.3/22

In: 185.190 $\pm$ 0.068 χ^2 /NDF:538071.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 178.143 $\pm$ 0.045 χ^2 /NDF: 1658187.3/22

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: -134.220 ± 81.772 χ^2/NDF : 7.9/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

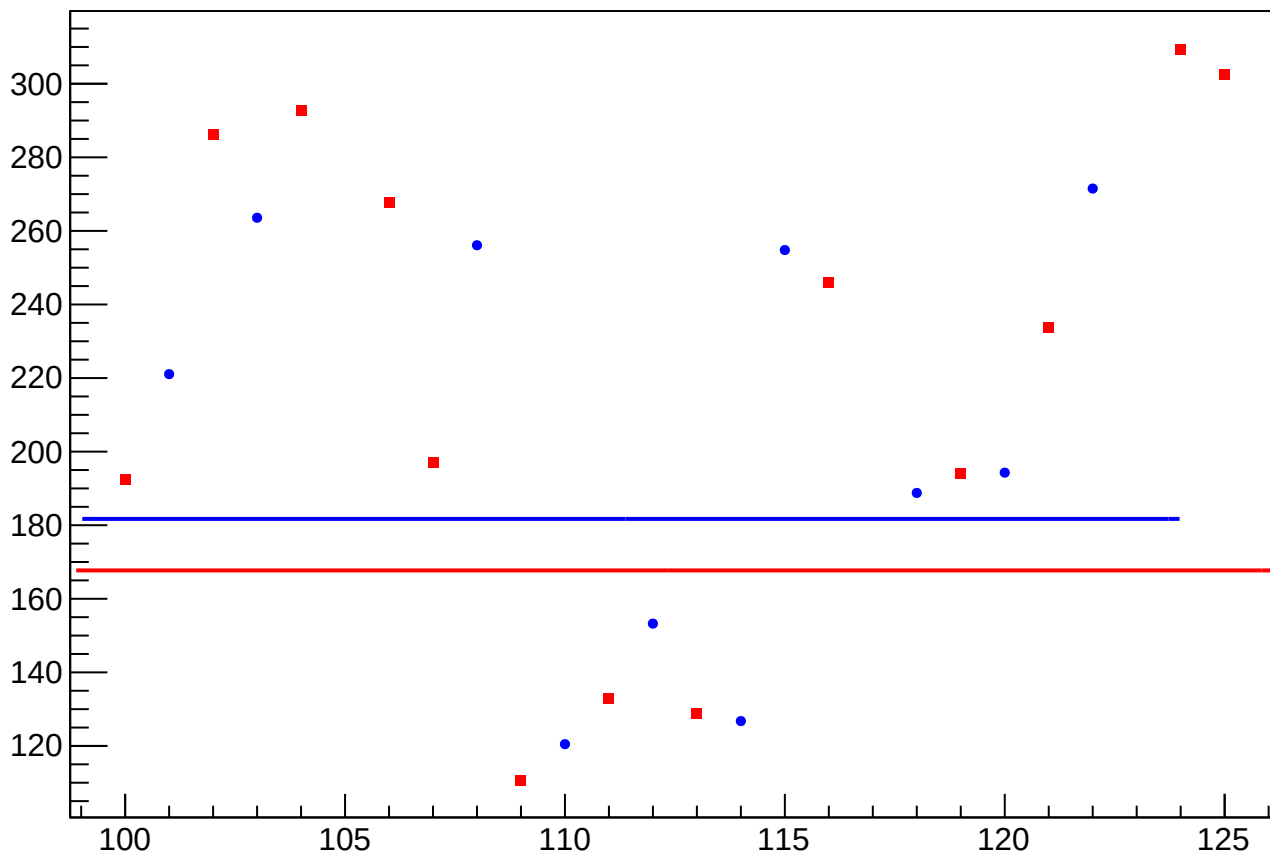
Right: -103.806 ± 61.938 χ^2/NDF : 12.4/22

In: -62.872 ± 94.866 χ^2/NDF : 4.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -103.806 ± 61.938 χ^2/NDF : 12.4/22

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: 167.712+/-0.058 χ^2/NDF : 1225113.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

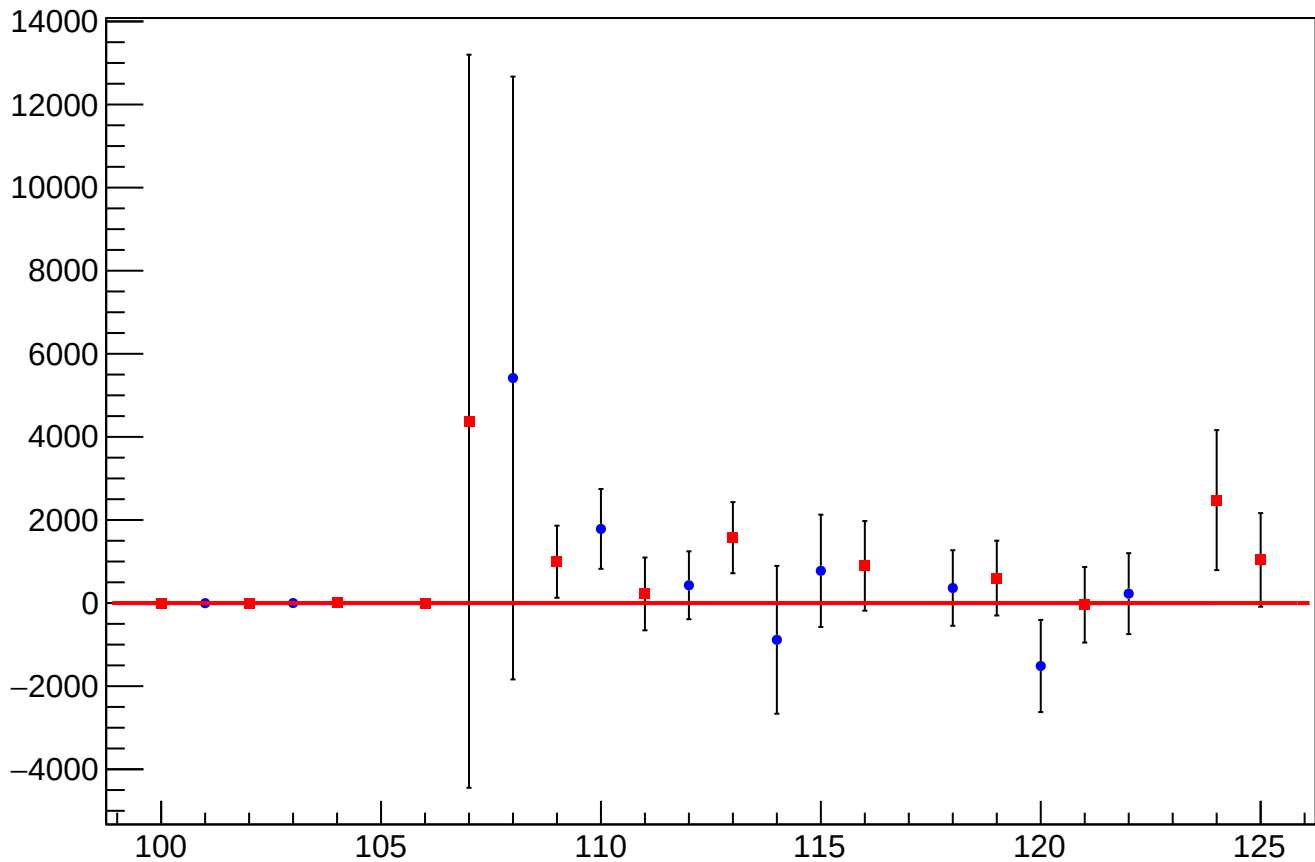
Right: 173.682+/-0.044 χ^2/NDF : 1845755.1/22

In: 181.716+/-0.067 χ^2/NDF : 595637.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.682+/-0.044 χ^2/NDF : 1845755.1/22

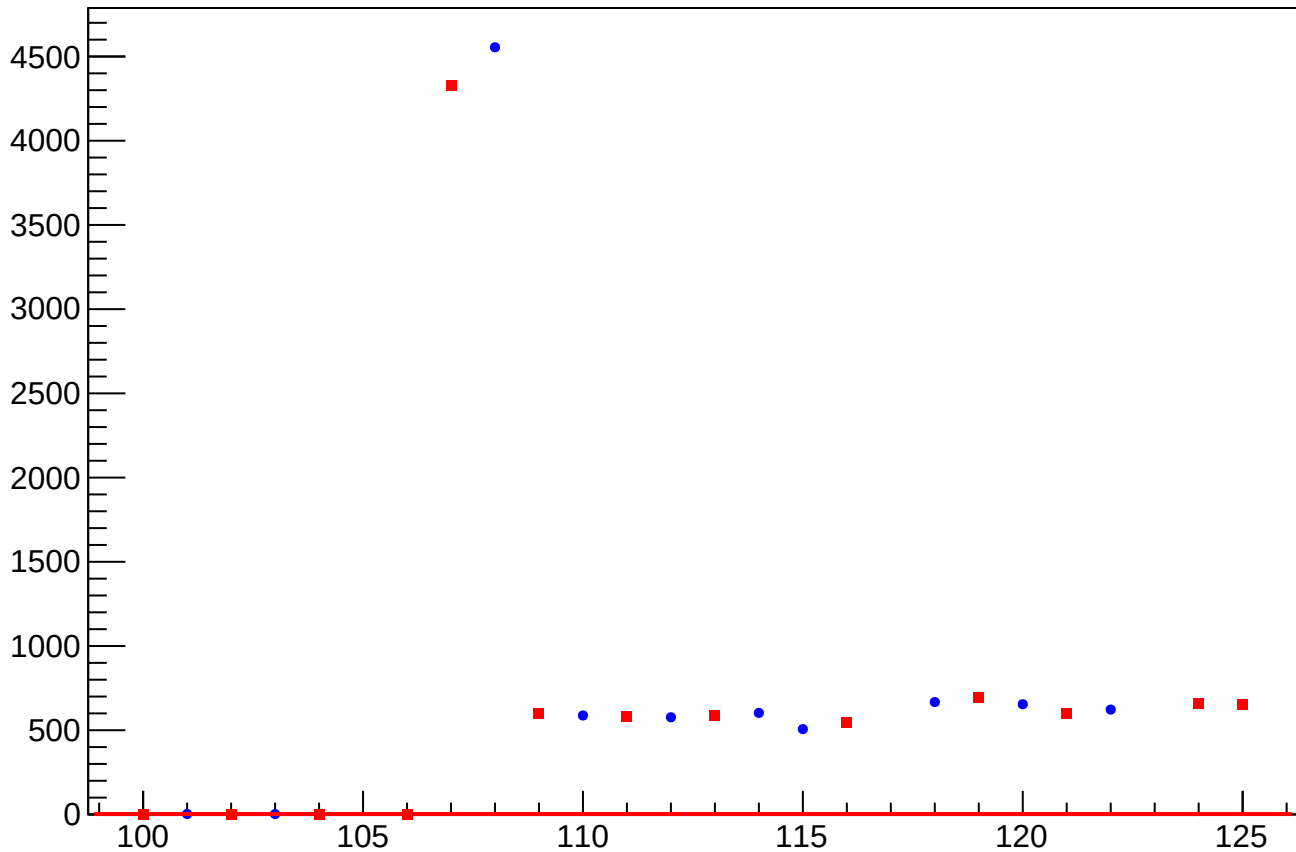
asym_cav4bQ_mean vs Slug, Sign Corrected



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: 1.391+/-2.022 χ^2/NDF : 14.3/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.184+/-1.480 χ^2/NDF : 22.4/22
 In: -1.207+/-2.171 χ^2/NDF : 7.4/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.184+/-1.480 χ^2/NDF : 22.4/22

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: 2.444+/-0.001 χ^2/NDF : 6777256.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

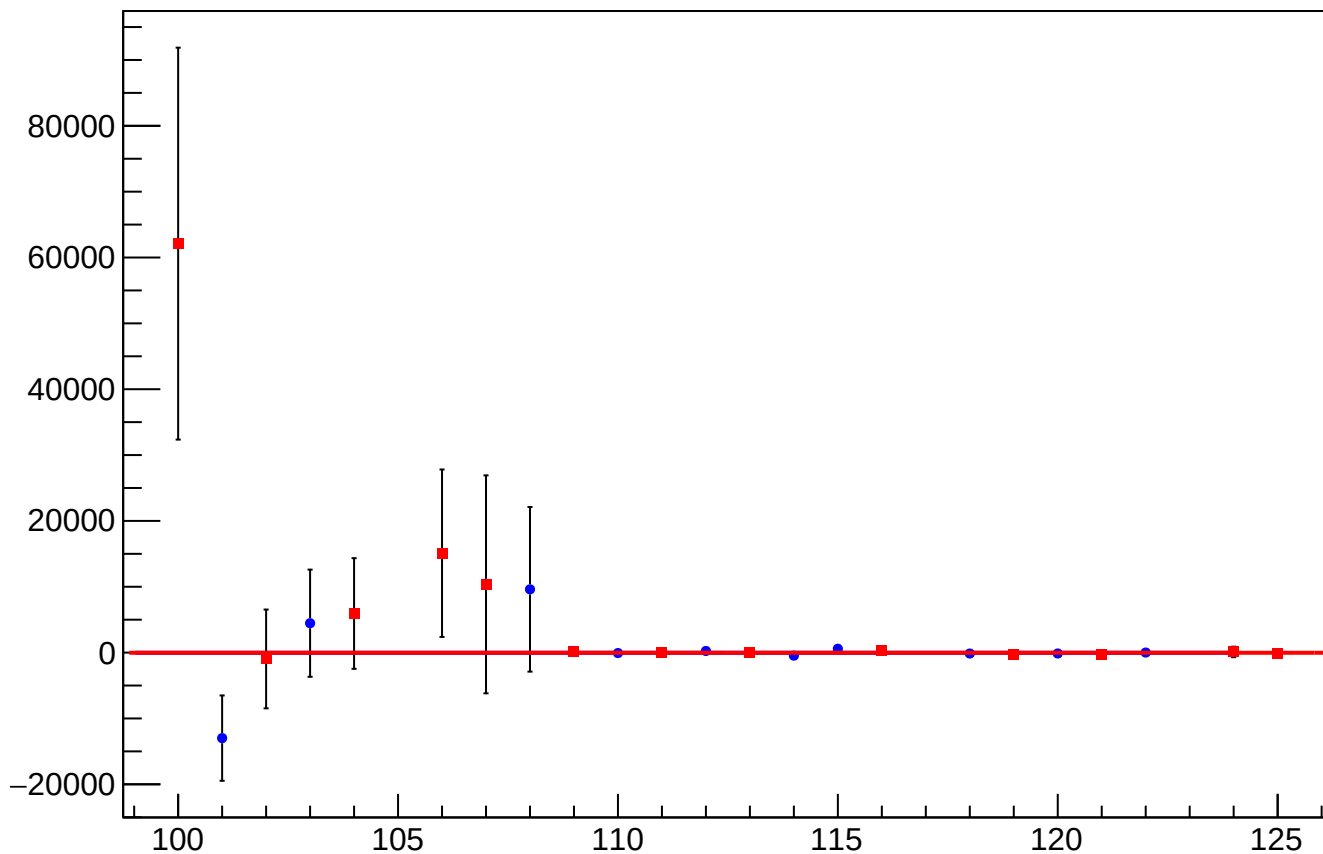
Right: 2.446+/-0.001 χ^2/NDF : 12387445.1/22

In: 2.449+/-0.002 χ^2/NDF : 5610183.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.446+/-0.001 χ^2/NDF : 12387445.1/22

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: -23.659+/-112.135 χ^2/NDF : 8.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.160+/-100.522 χ^2/NDF : 10.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

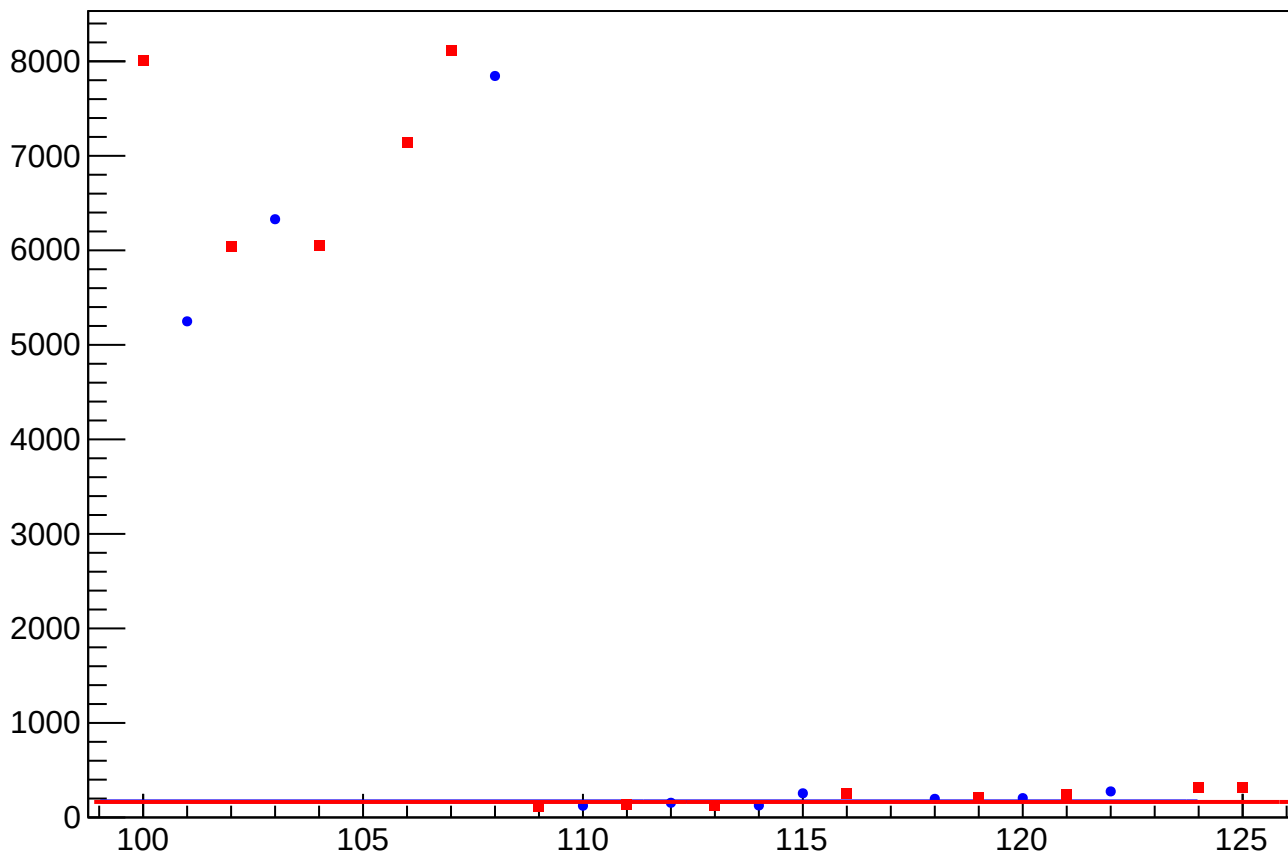
Right: -24.491+/-74.850 χ^2/NDF : 19.6/22

In: -23.659+/-112.135 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.491+/-74.850 χ^2/NDF : 19.6/22

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: 164.044+/-0.071 χ^2/NDF : 4011418.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

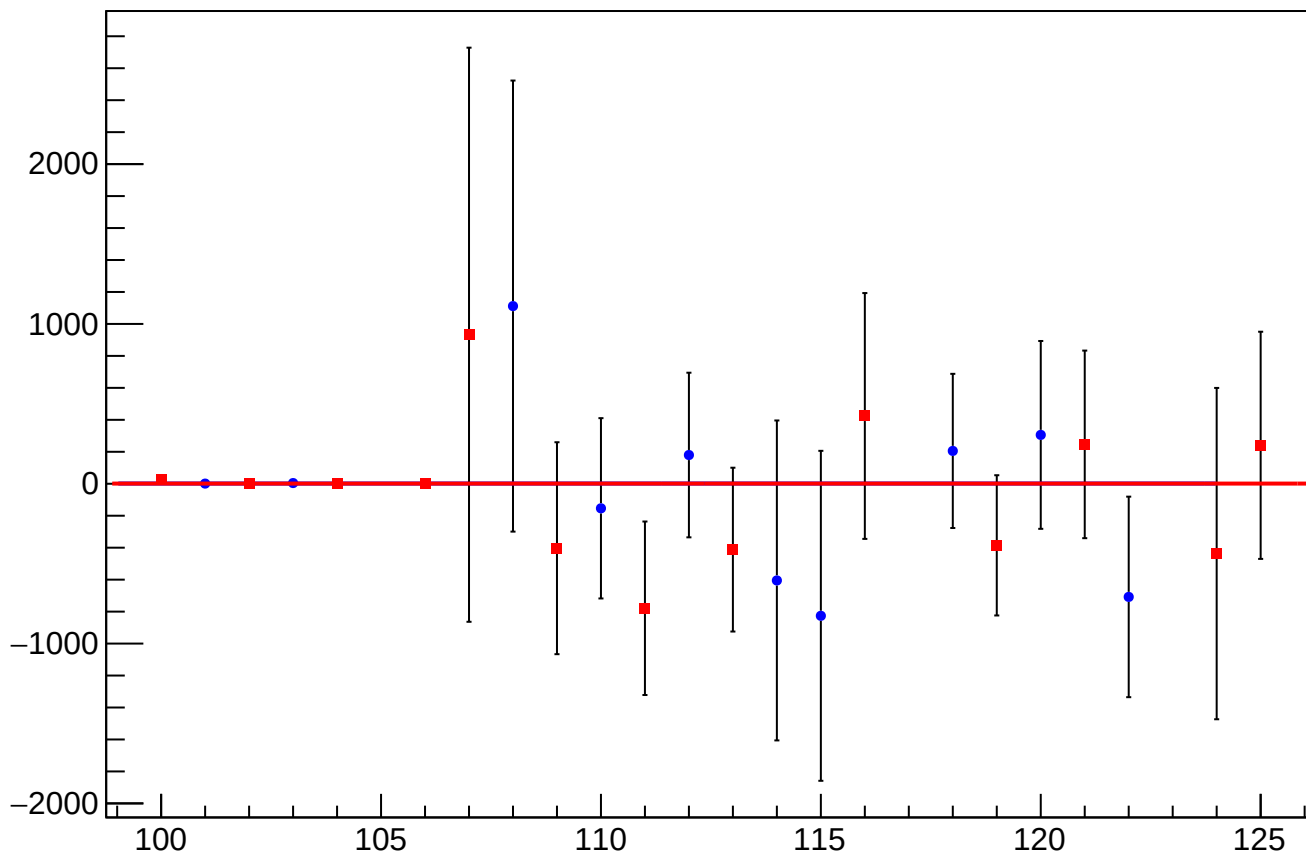
Right: 166.558+/-0.053 χ^2/NDF : 7459079.0/22

In: 169.687+/-0.079 χ^2/NDF : 3444852.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.558+/-0.053 χ^2/NDF : 7459079.0/22

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: 7.4/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

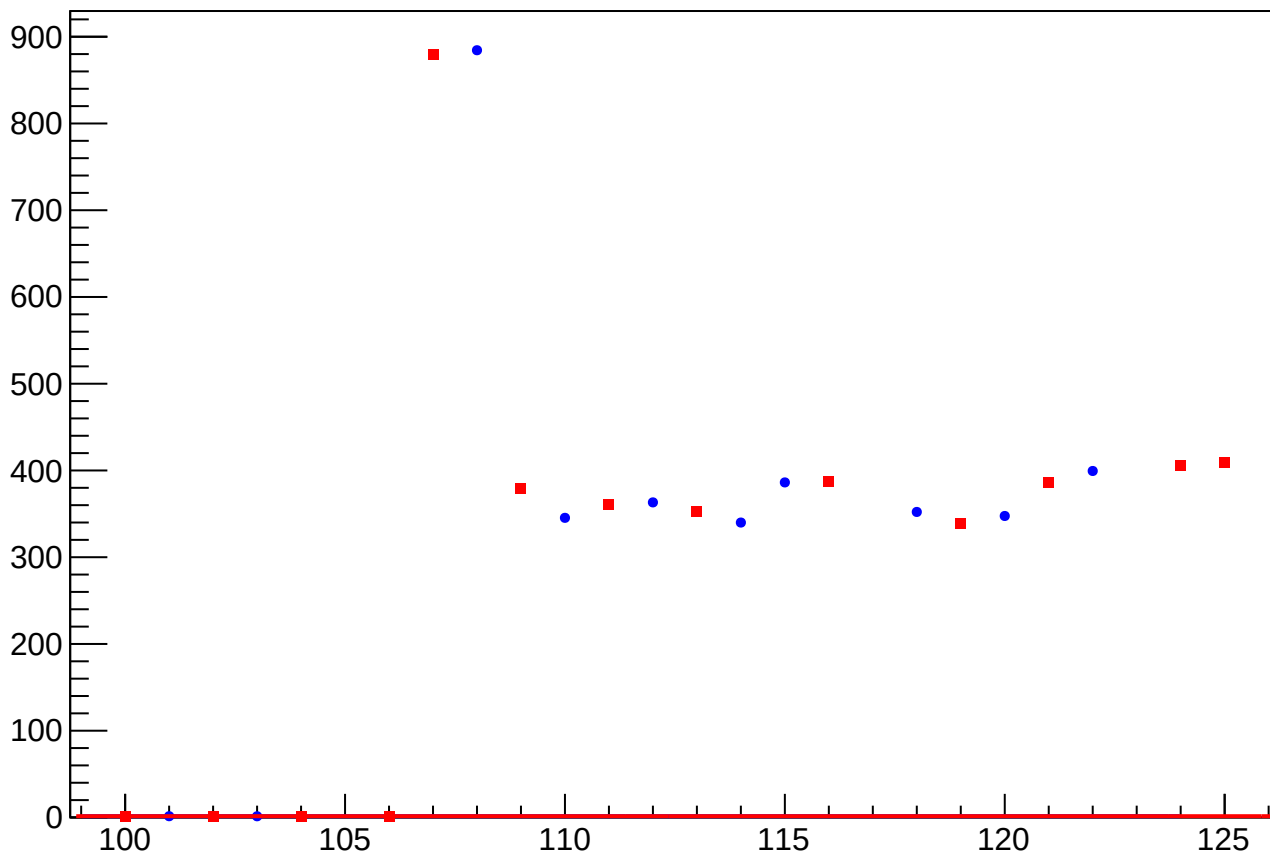
Right: 1.257 $\pm$ 1.124 χ^2 /NDF: 11.4/22

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: 11.4/22

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: 1.453+/-0.001 χ^2/NDF : 6448585.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

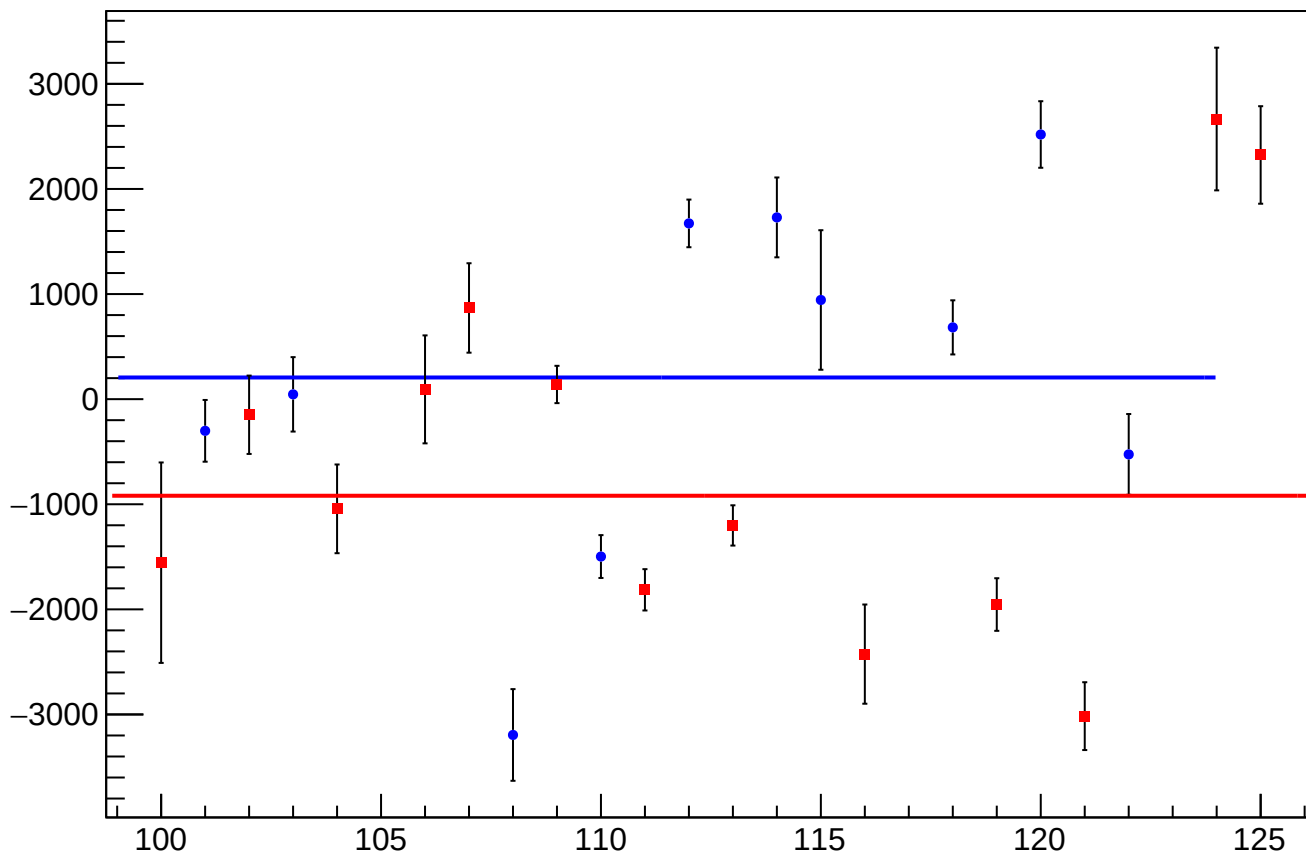
Right: 1.451+/-0.001 χ^2/NDF : 12025516.1/22

In: 1.449+/-0.001 χ^2/NDF : 5576925.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.451+/-0.001 χ^2/NDF : 12025516.1/22

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: 206.222 $\pm$ 95.608 χ^2 /NDF: 253.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -919.032 $\pm$ 83.054 χ^2 /NDF: 231.1/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

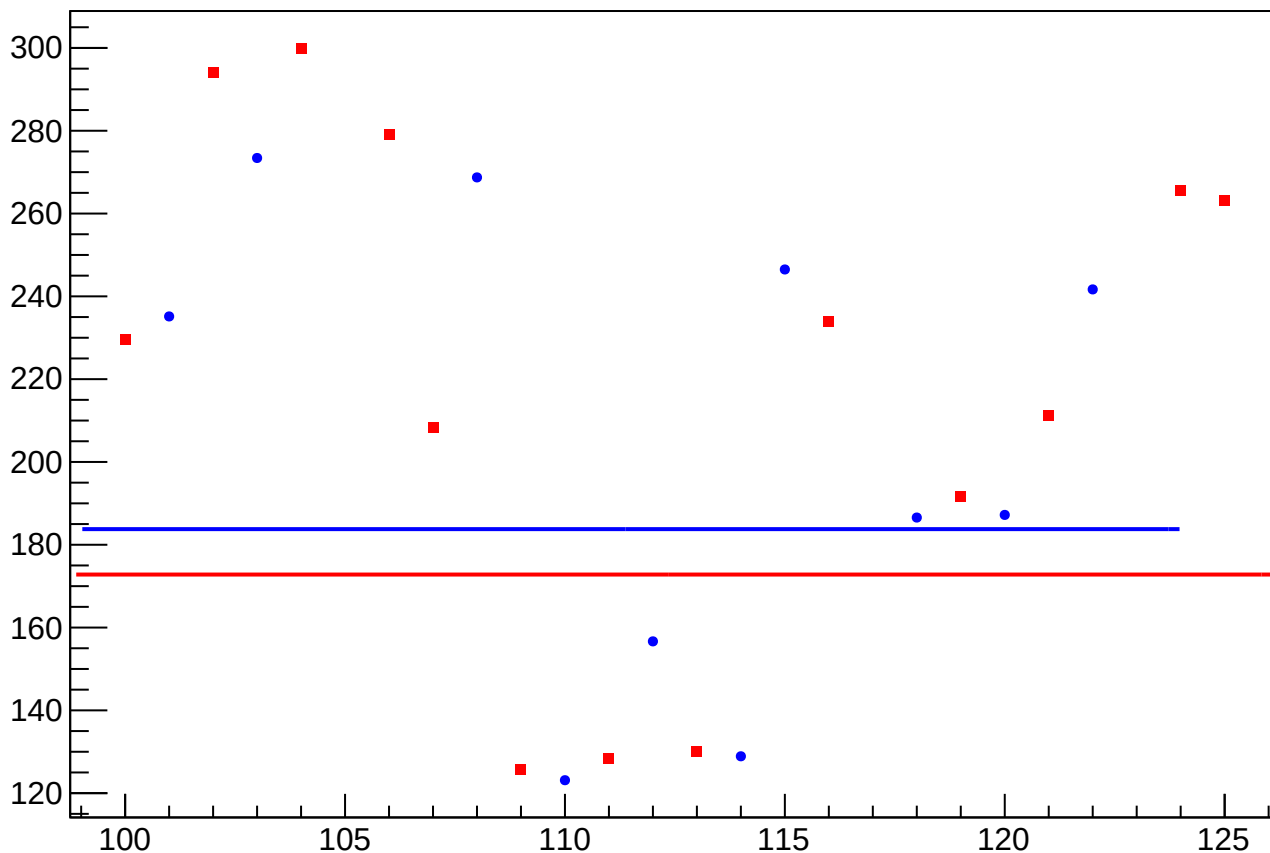
Right: -435.087 $\pm$ 62.700 χ^2 /NDF: 563.4/22

In: 206.222 $\pm$ 95.608 χ^2 /NDF:253.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -435.087 $\pm$ 62.700 χ^2 /NDF: 563.4/22

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: 172.805+/-0.059 χ^2/NDF : 1029073.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

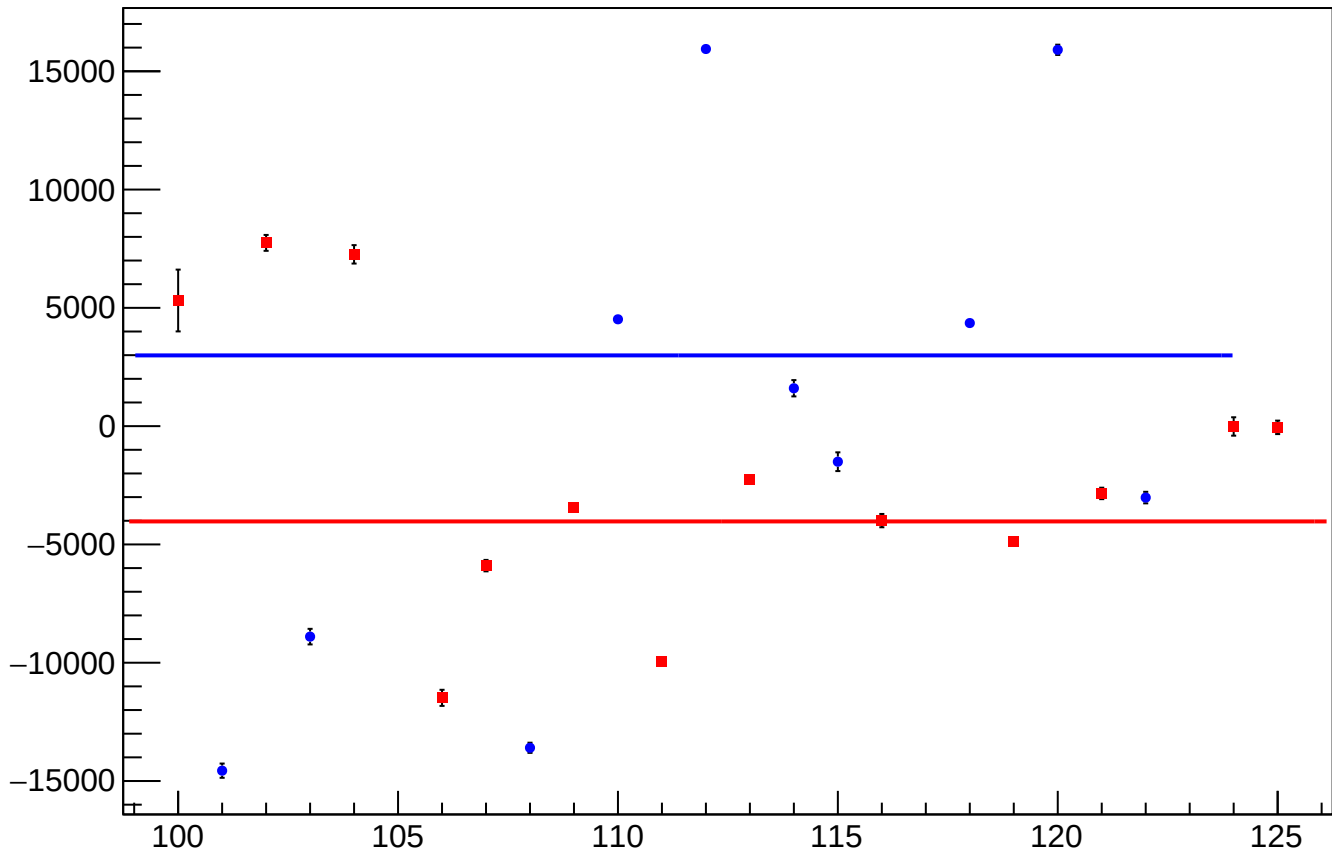
Right: 177.523+/-0.044 χ^2/NDF : 1620549.3/22

In: 183.776+/-0.068 χ^2/NDF : 576466.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.523+/-0.044 χ^2/NDF : 1620549.3/22

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: -4027.445+/-64.417 χ^2/NDF : 4591.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

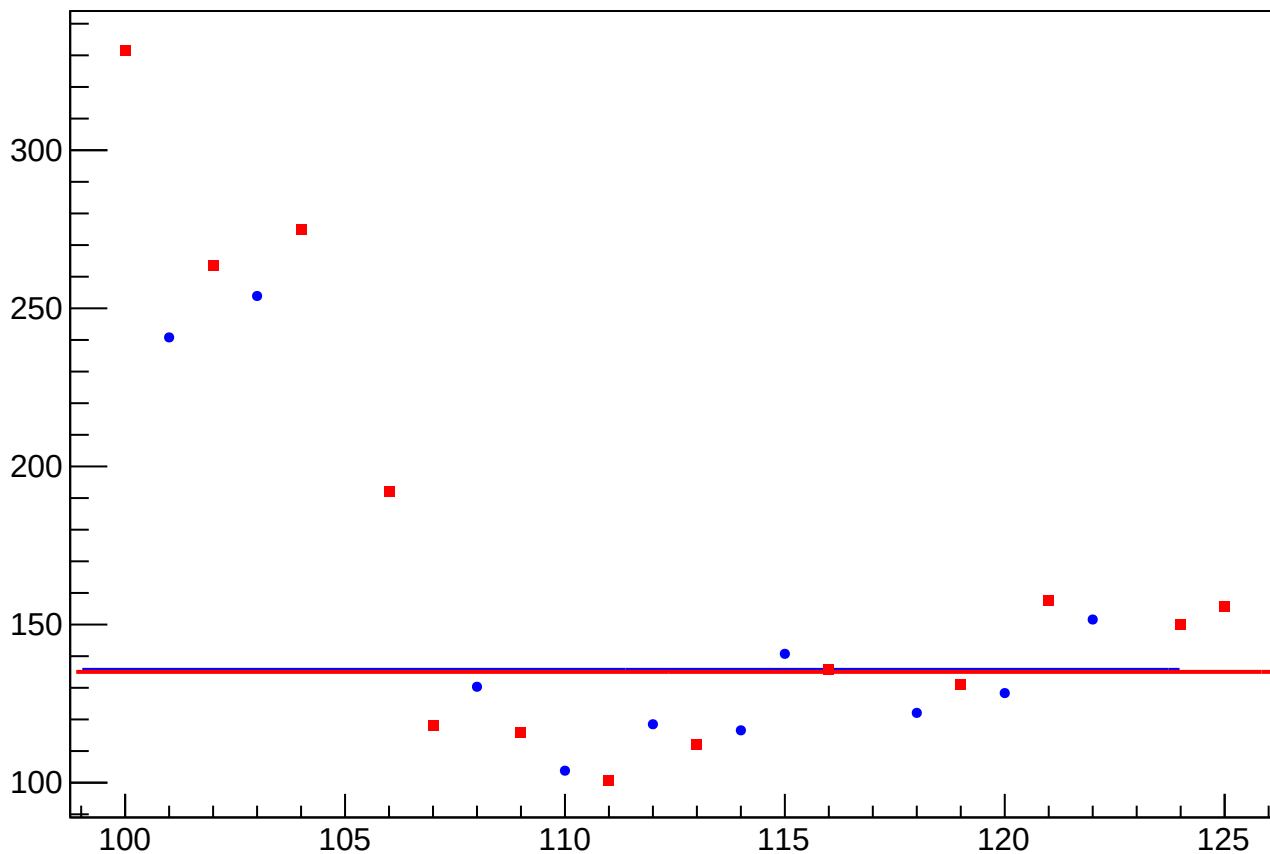
Right: -872.979+/-47.795 χ^2/NDF : 30580.4/22

In: 2990.389+/-71.288 χ^2/NDF : 20654.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -872.979+/-47.795 χ^2/NDF : 30580.4/22

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 135.672+/-0.050 χ^2/NDF : 620356.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.041+/-0.046 χ^2/NDF : 857264.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

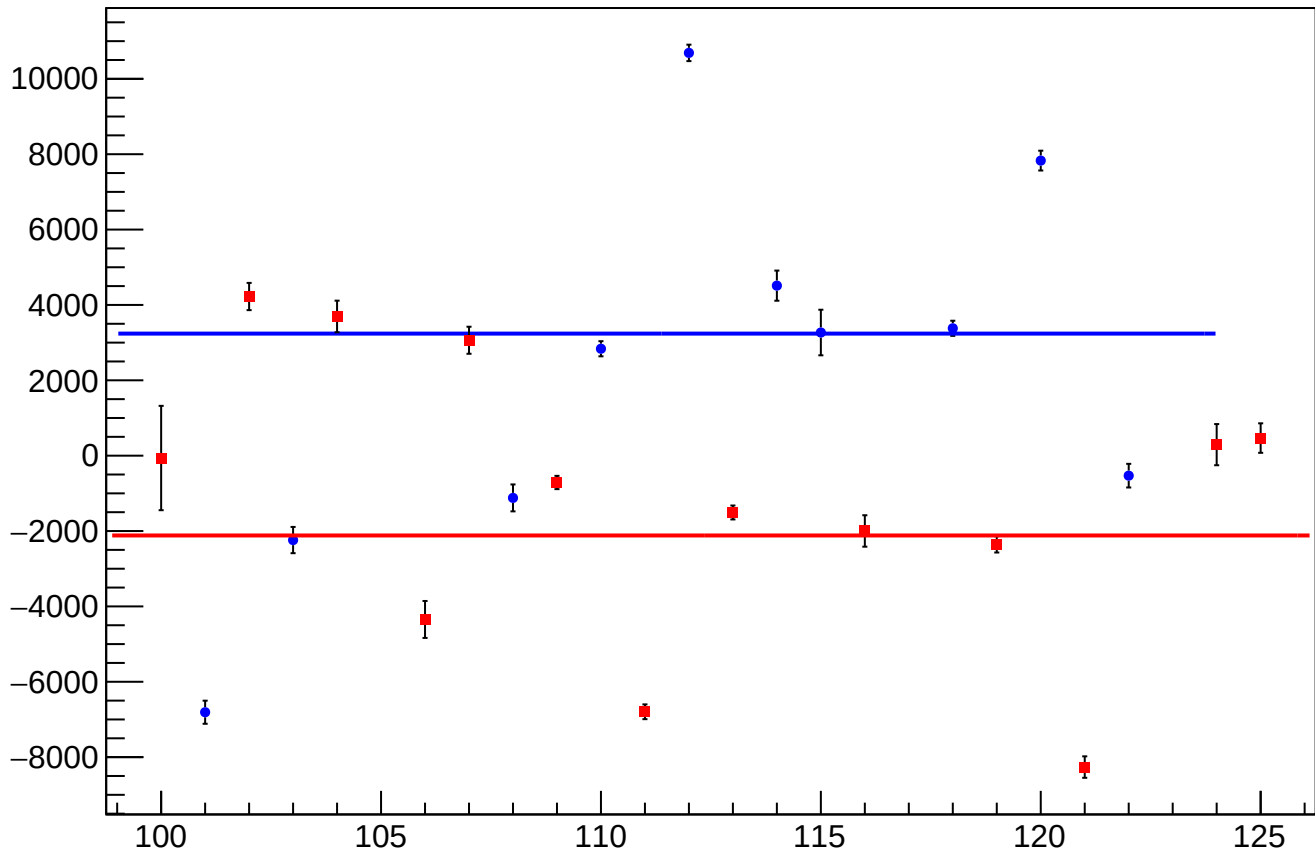
Right: 135.324+/-0.034 χ^2/NDF : 1477707.4/22

In: 135.672+/-0.050 χ^2/NDF : 620356.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.324+/-0.034 χ^2/NDF : 1477707.4/22

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: -2117.531+/-78.389 χ^2/NDF : 1906.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

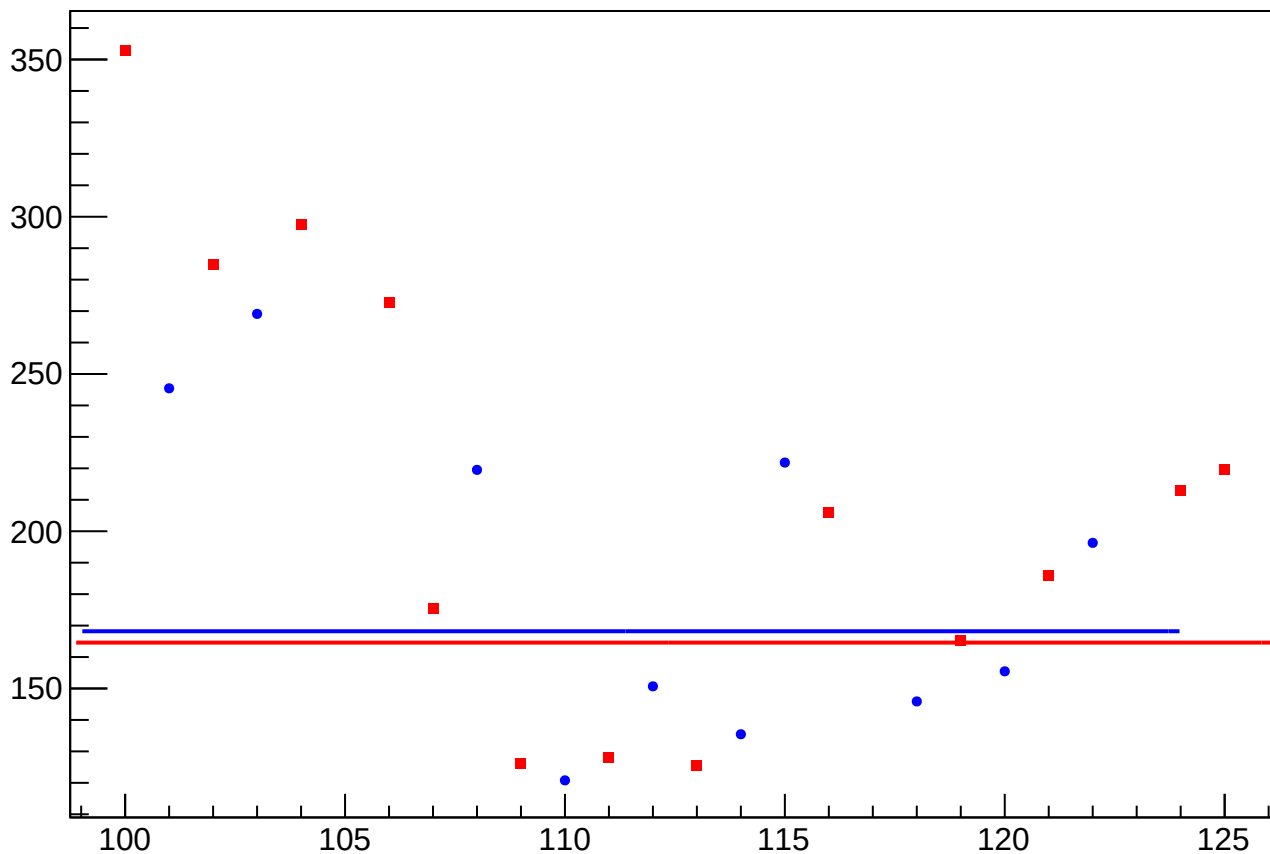
Right: 271.520+/-58.347 χ^2/NDF : 7090.2/22

In: 3239.415+/-87.371 χ^2/NDF :3101.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 271.520+/-58.347 χ^2/NDF : 7090.2/22

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: 164.593+/-0.055 χ^2/NDF : 900981.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

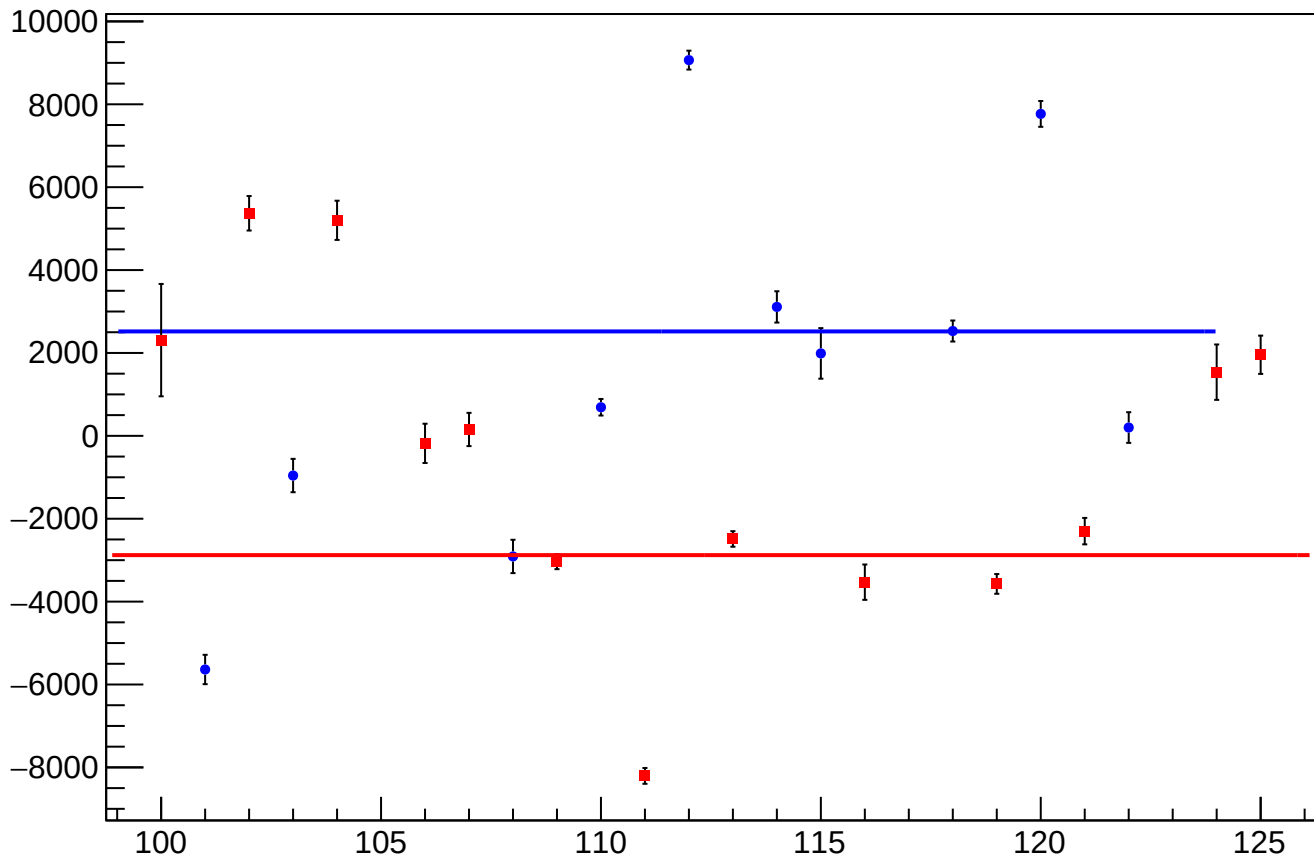
Right: 166.203+/-0.041 χ^2/NDF : 1438138.2/22

In: 168.202+/-0.062 χ^2/NDF : 535265.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.203+/-0.041 χ^2/NDF : 1438138.2/22

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: -2878.248+/-82.221 χ^2/NDF : 1739.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

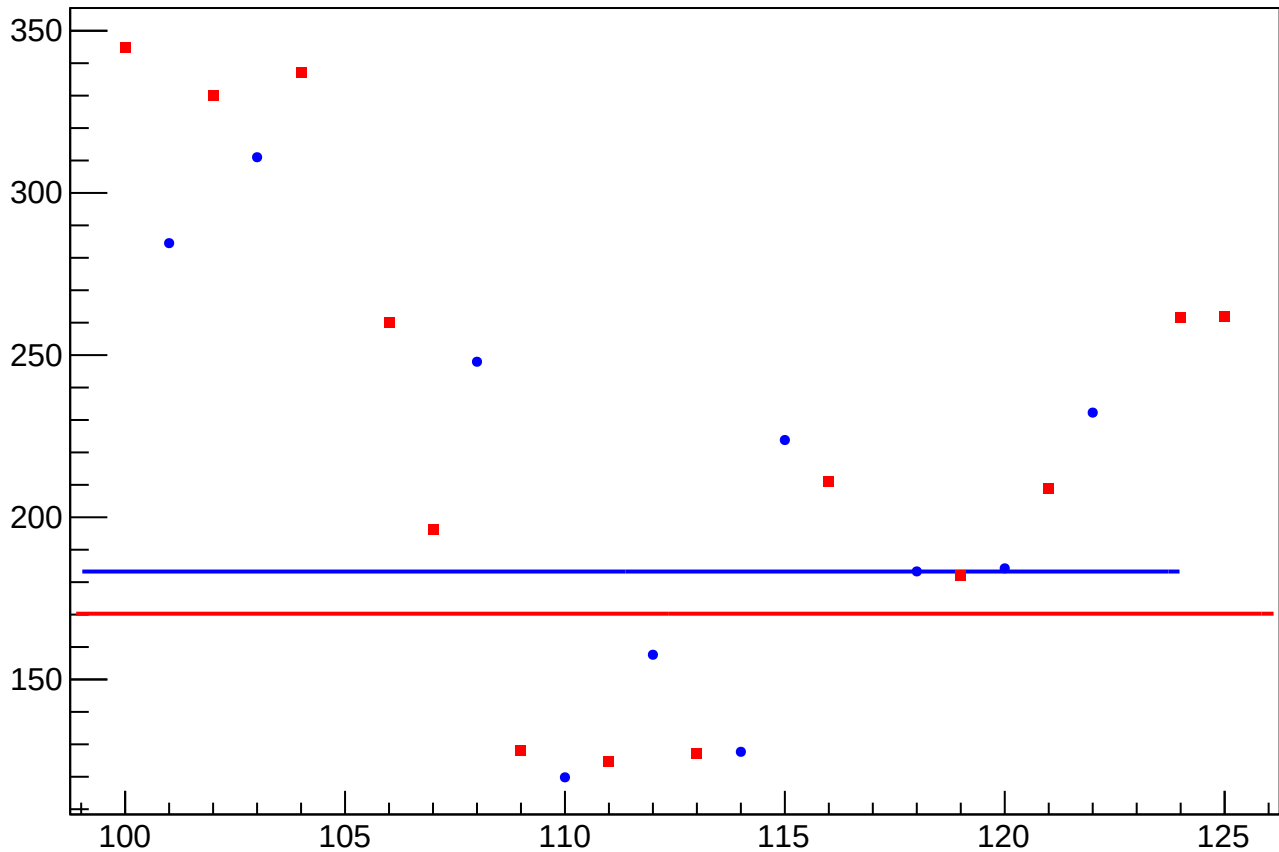
Right: -606.882+/-62.574 χ^2/NDF : 5574.8/22

In: 2519.373+/-96.460 χ^2/NDF :2021.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -606.882+/-62.574 χ^2/NDF : 5574.8/22

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 183.277 $\pm$ 0.068 χ^2 /NDF: 731157.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 170.274 $\pm$ 0.058 χ^2 /NDF: 1155043.6/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

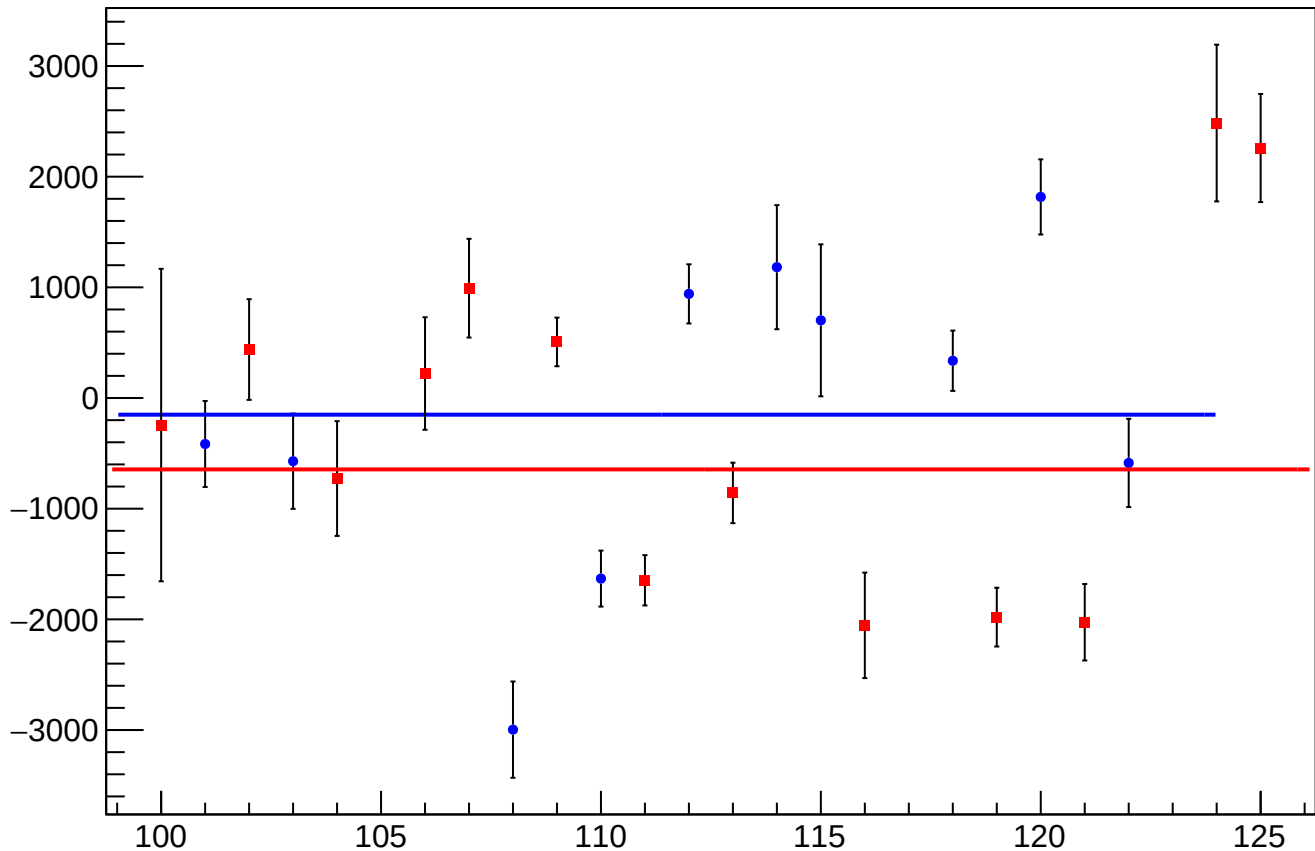
Right: 175.746 $\pm$ 0.044 χ^2 /NDF: 1907247.7/22

In: 183.277 $\pm$ 0.068 χ^2 /NDF:731157.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 175.746 $\pm$ 0.044 χ^2 /NDF: 1907247.7/22

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: -645.039 ± 97.776 χ^2/NDF : 174.6/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

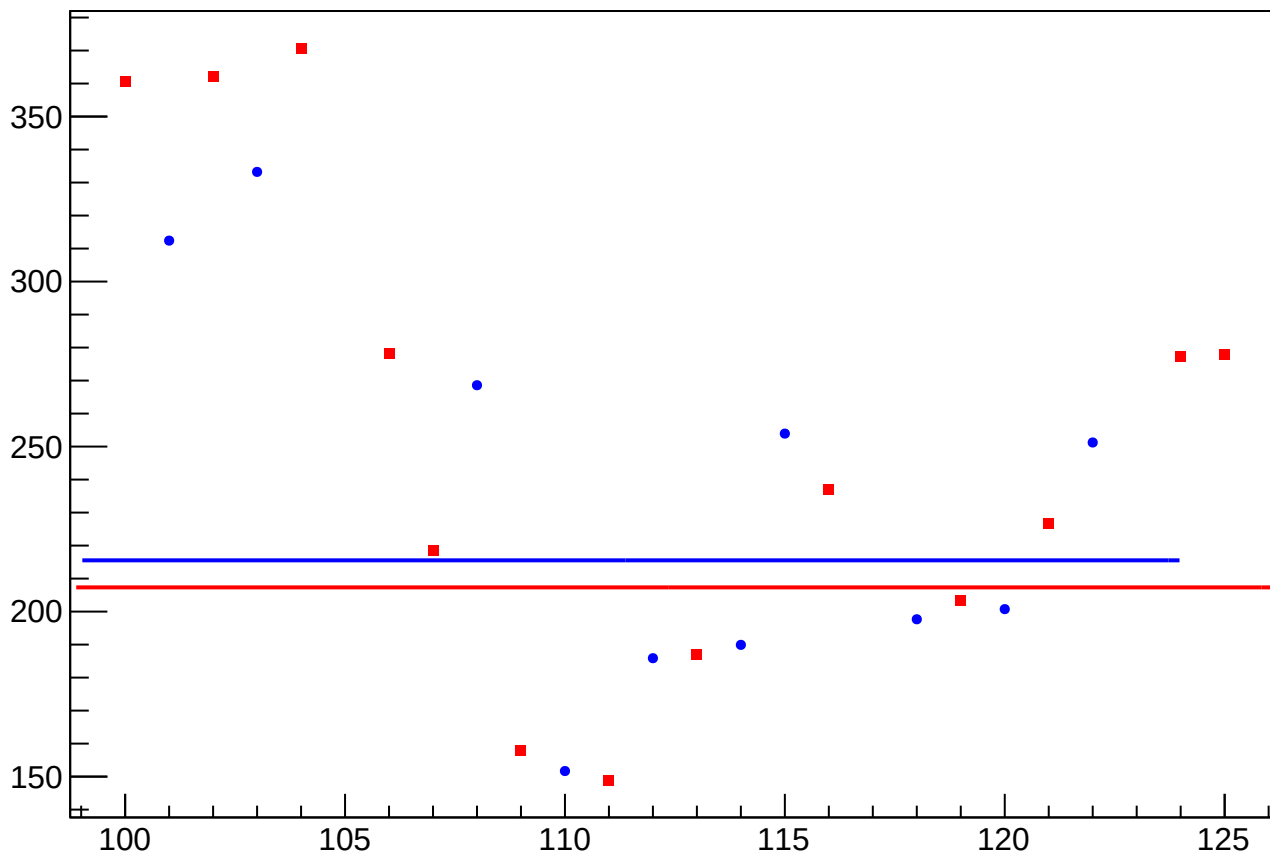
Right: -429.723 ± 73.465 χ^2/NDF : 326.1/22

In: -150.576 ± 111.329 χ^2/NDF : 140.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -429.723 ± 73.465 χ^2/NDF : 326.1/22

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: 207.336+/-0.069 χ^2/NDF : 812648.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

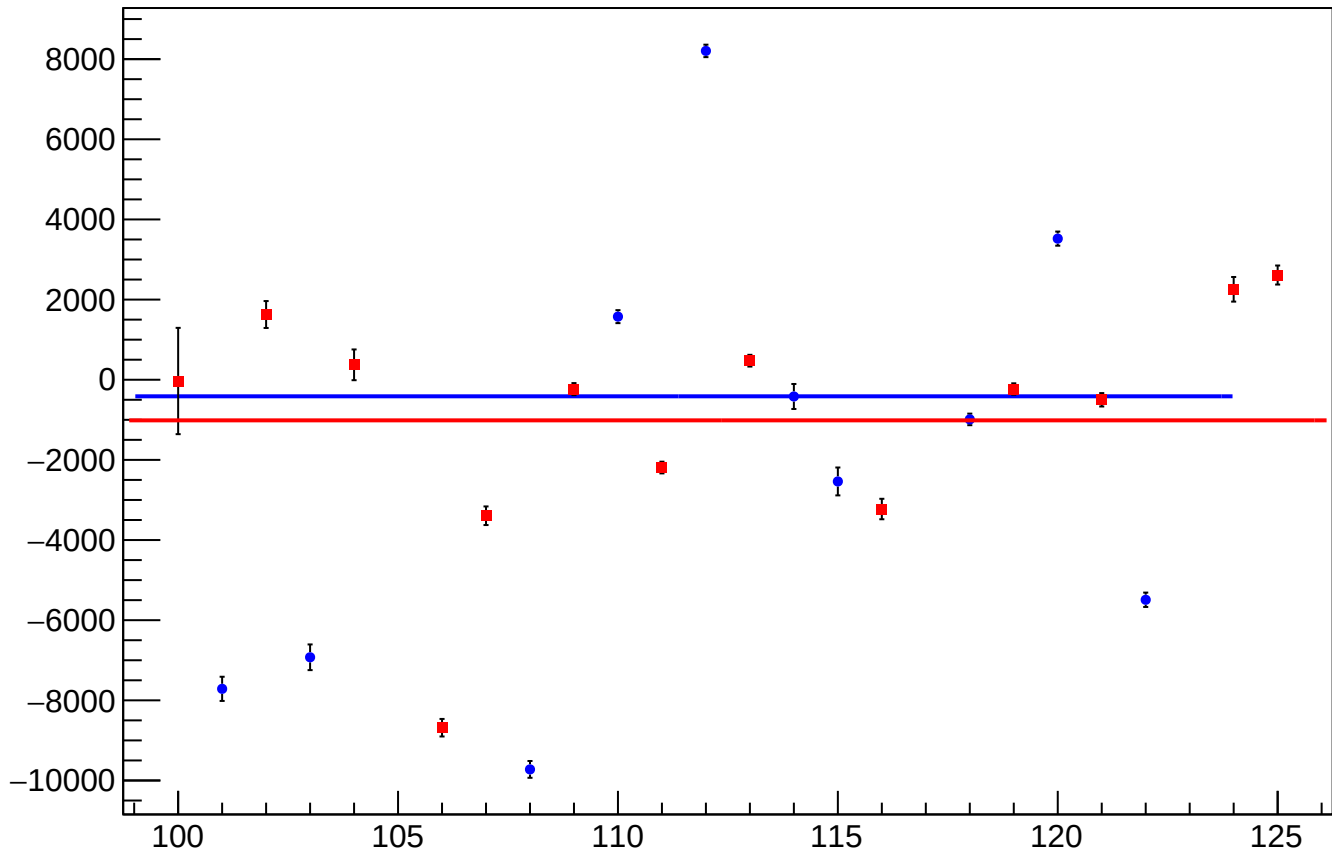
Right: 210.904+/-0.052 χ^2/NDF : 1313370.9/22

In: 215.529+/-0.079 χ^2/NDF : 494606.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 210.904+/-0.052 χ^2/NDF : 1313370.9/22

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: -1013.485+/-55.669 χ^2/NDF : 2065.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

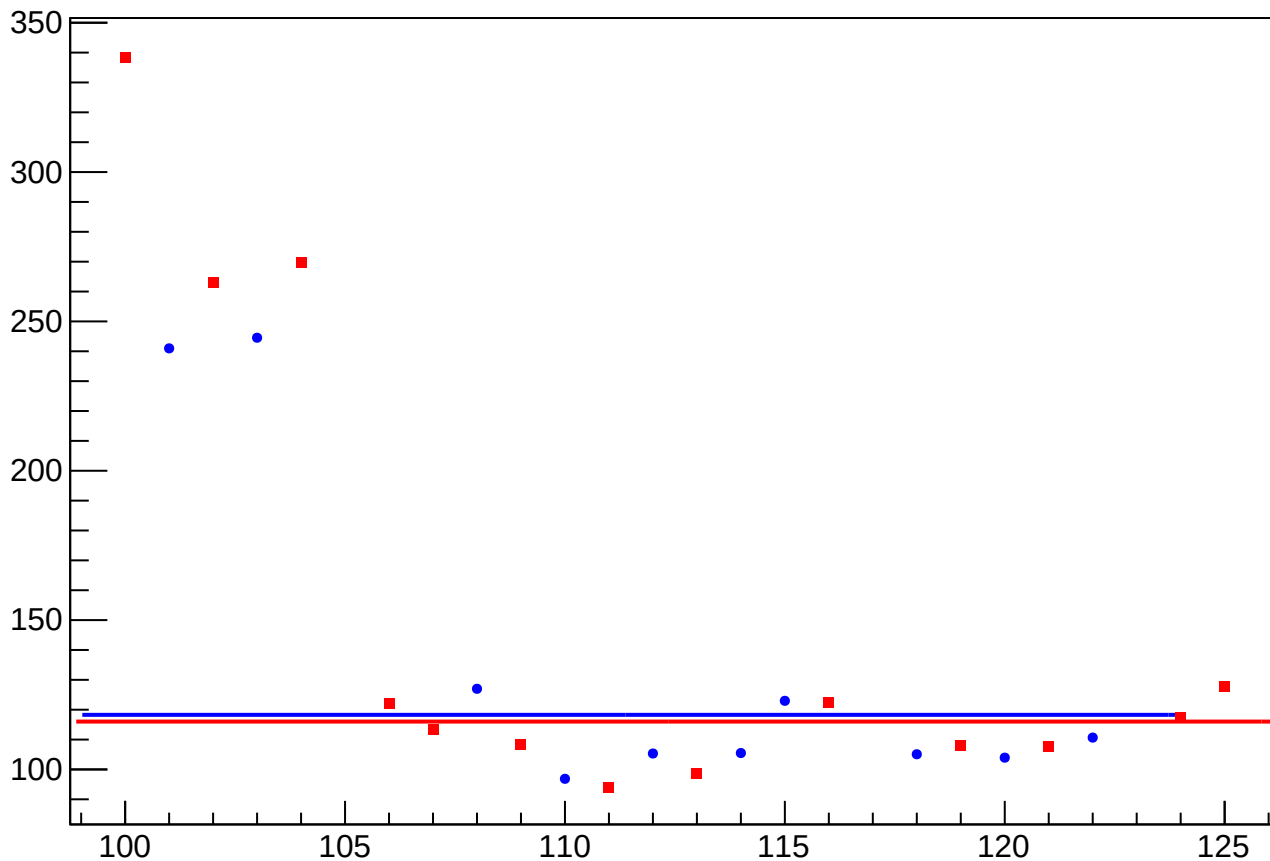
Right: -749.983+/-41.690 χ^2/NDF : 9660.2/22

In: -413.496+/-62.908 χ^2/NDF :7544.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -749.983+/-41.690 χ^2/NDF : 9660.2/22

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: 116.027+/-0.039 χ^2/NDF : 860294.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

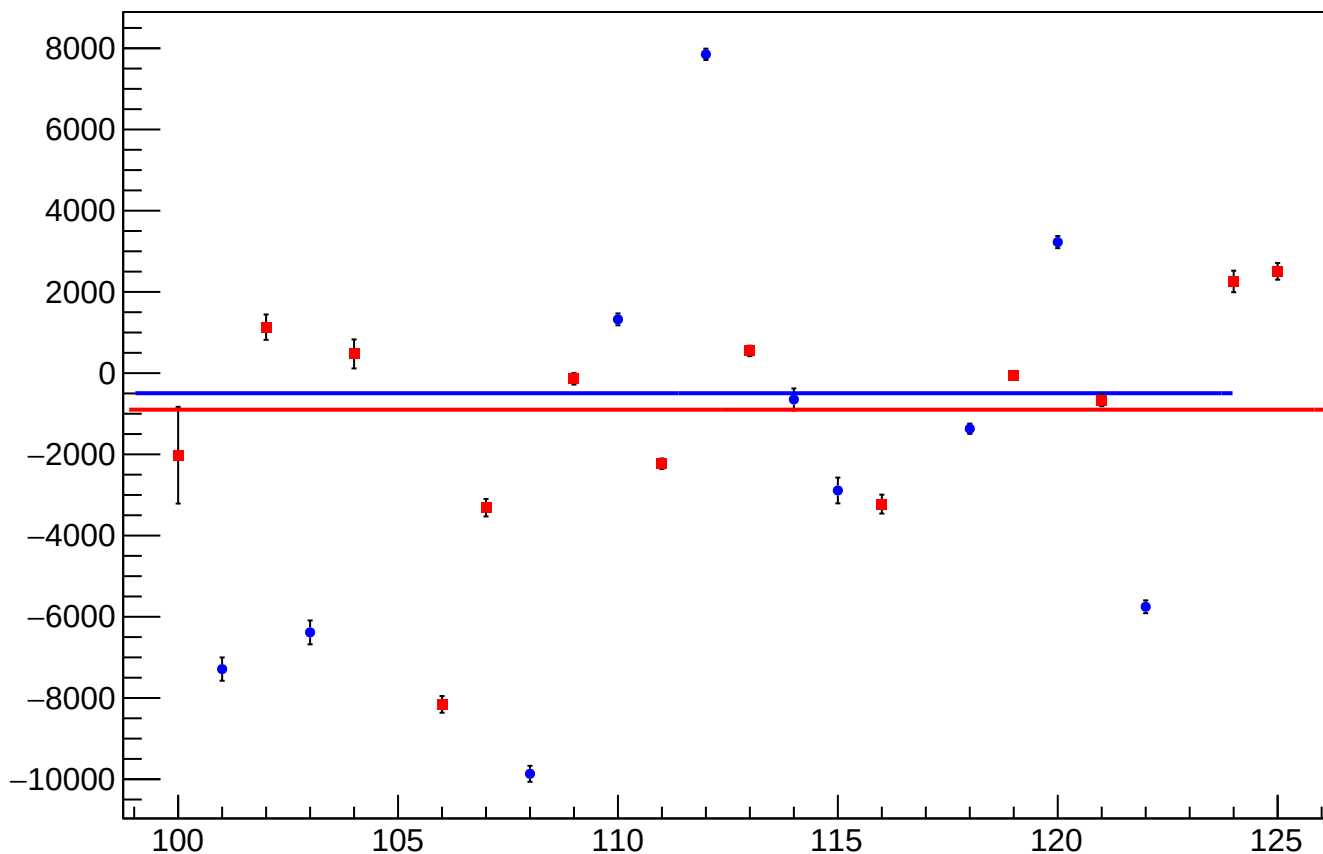
Right: 117.017+/-0.029 χ^2/NDF : 1592209.2/22

In: 118.281+/-0.044 χ^2/NDF : 730474.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.017+/-0.029 χ^2/NDF : 1592209.2/22

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: -899.436+/-49.768 χ^2/NDF : 2258.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

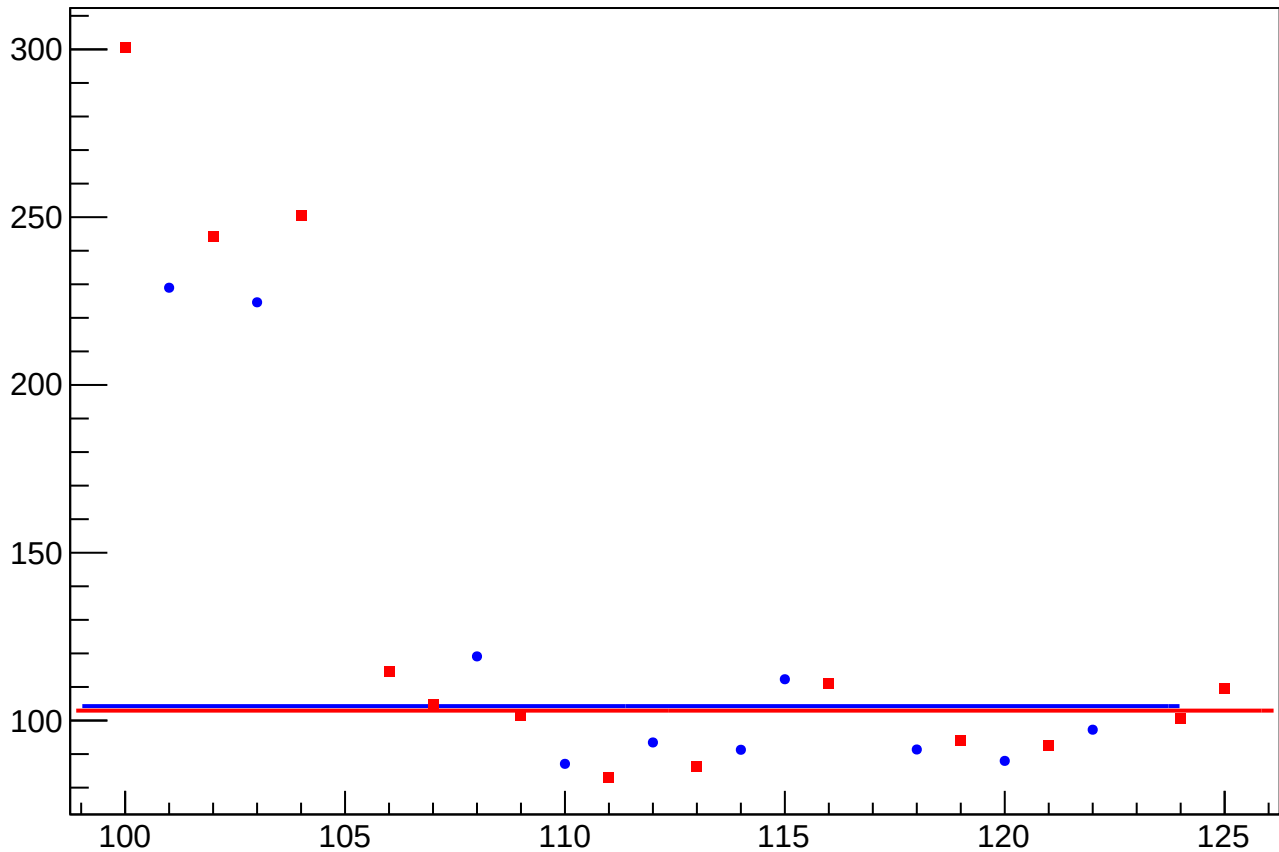
Right: -720.536+/-37.181 χ^2/NDF : 11119.5/22

In: -494.556+/-55.934 χ^2/NDF : 8831.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -720.536+/-37.181 χ^2/NDF : 11119.5/22

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: 102.953+/-0.035 χ^2/NDF : 919153.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

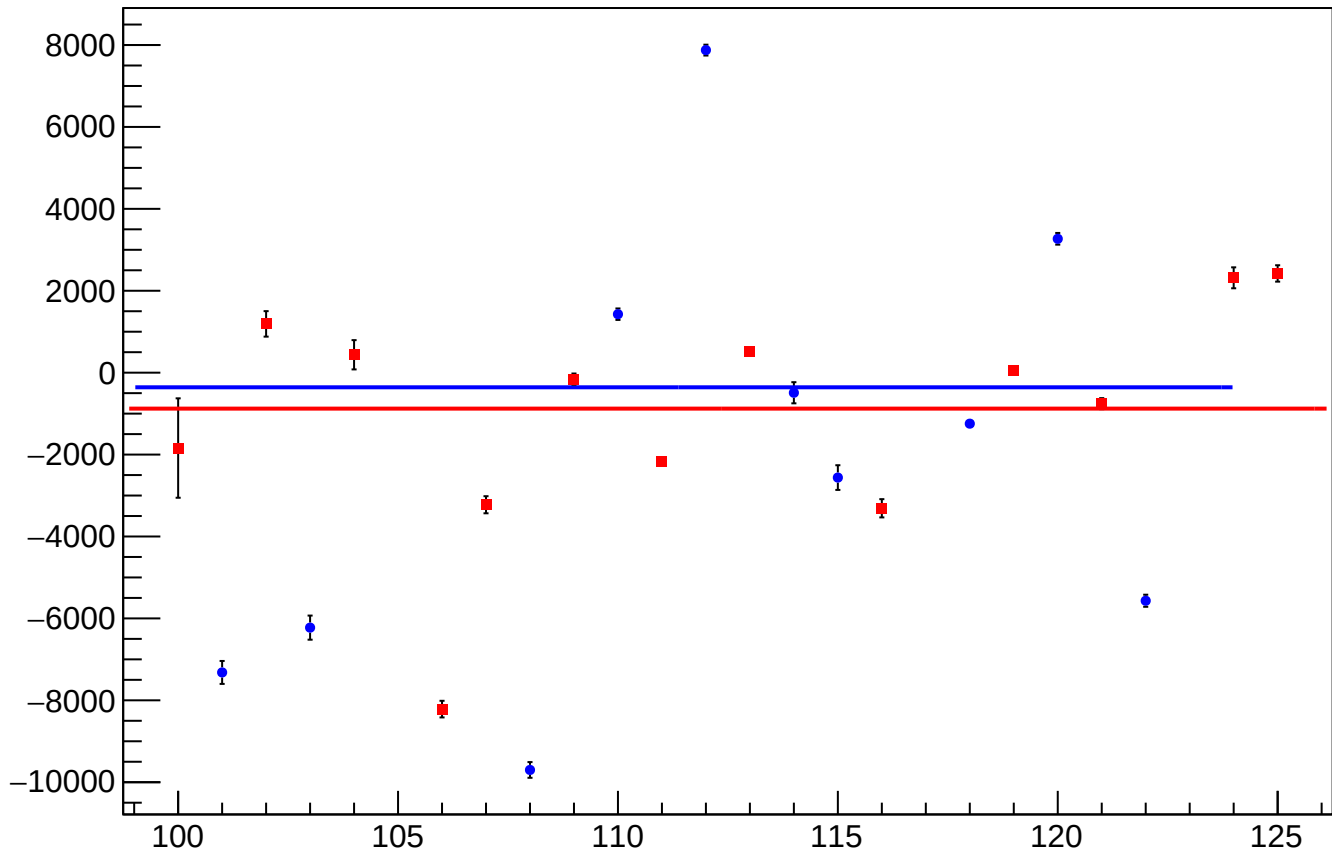
Right: 103.545+/-0.026 χ^2/NDF : 1738821.5/22

In: 104.293+/-0.040 χ^2/NDF : 819026.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.545+/-0.026 χ^2/NDF : 1738821.5/22

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: -877.653+/-47.510 χ^2/NDF : 2378.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

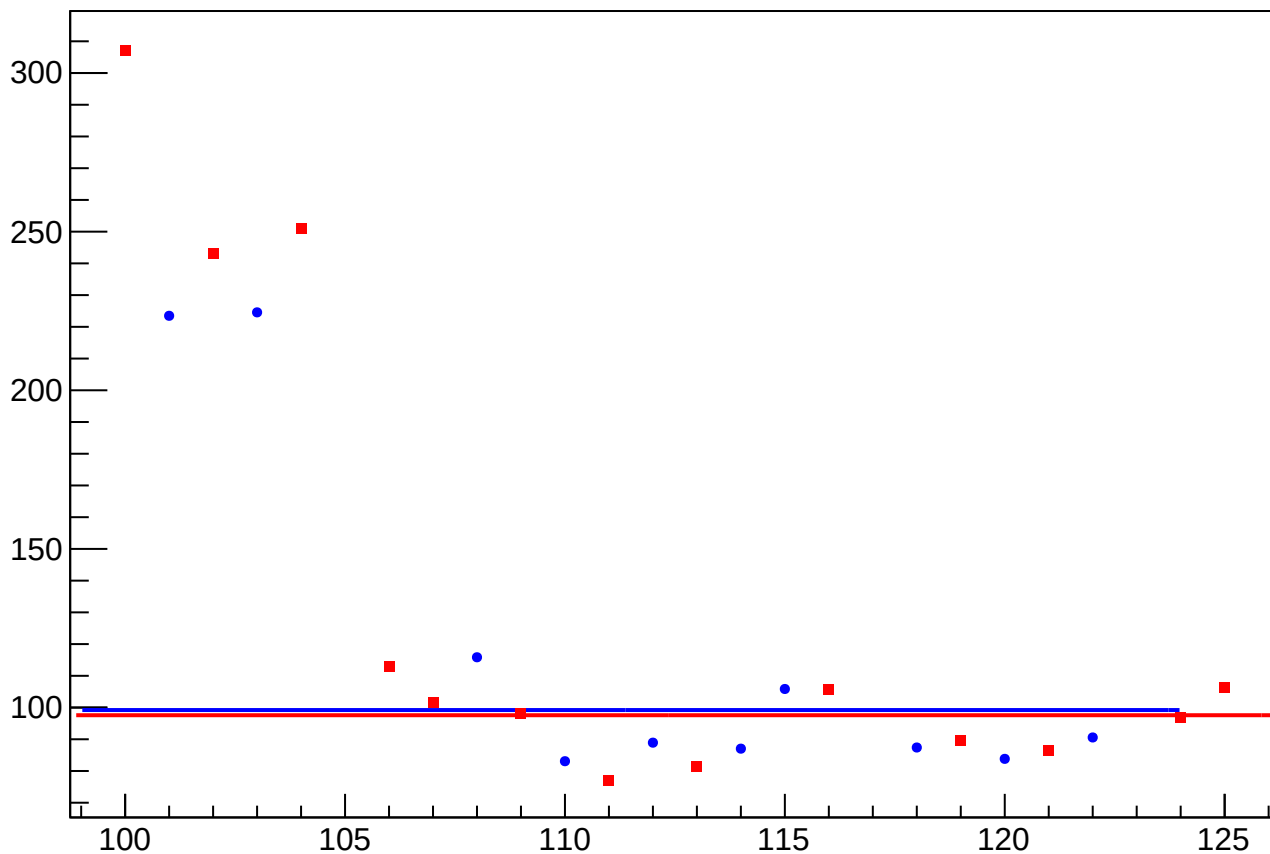
Right: -648.244+/-35.529 χ^2/NDF : 11834.6/22

In: -357.145+/-53.517 χ^2/NDF :9402.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -648.244+/-35.529 χ^2/NDF : 11834.6/22

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: 97.579+/-0.034 χ^2/NDF : 1001575.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

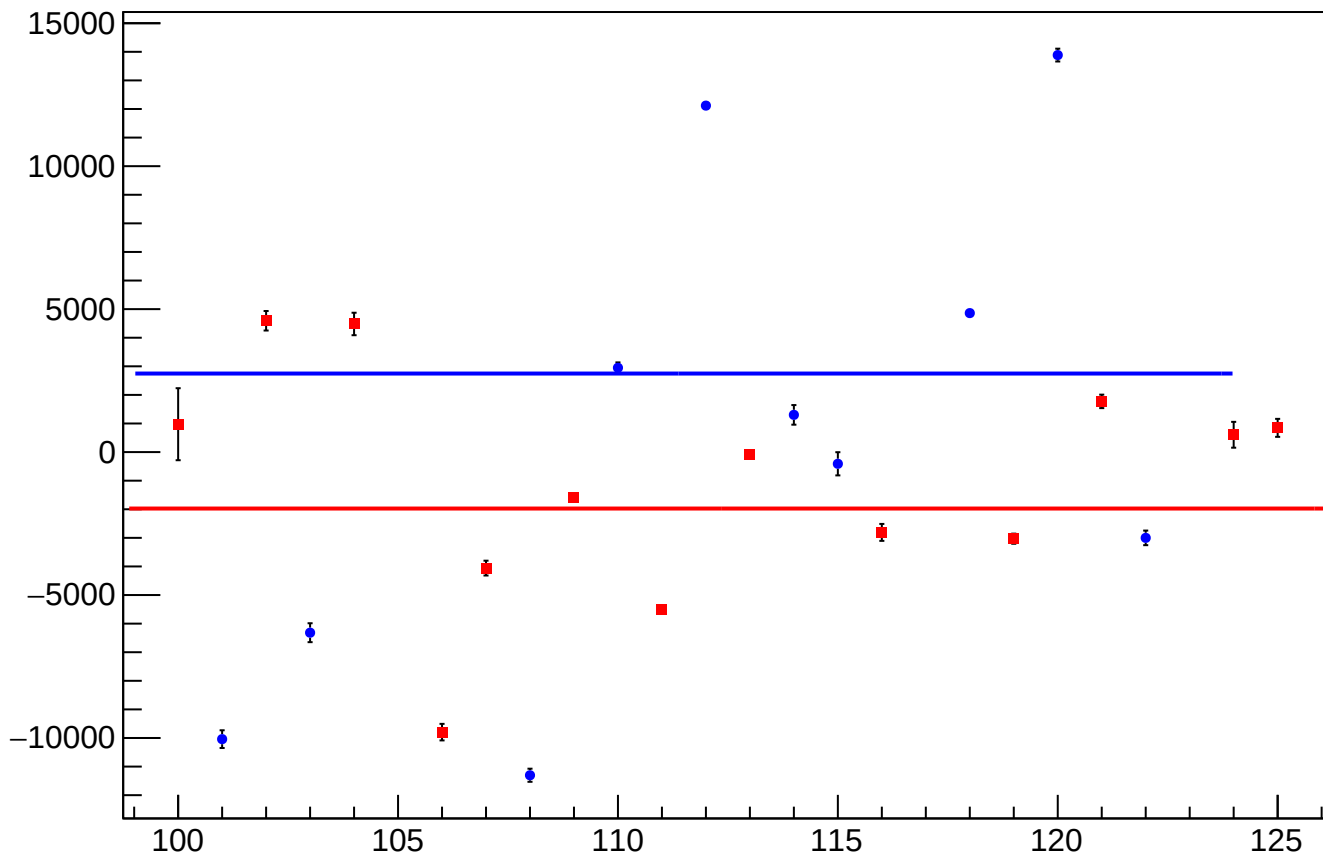
Right: 98.298+/-0.025 χ^2/NDF : 1866758.3/22

In: 99.210+/-0.038 χ^2/NDF : 864145.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.298+/-0.025 χ^2/NDF : 1866758.3/22

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: -1974.519+/-66.856 χ^2 /NDF: 2417.8/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

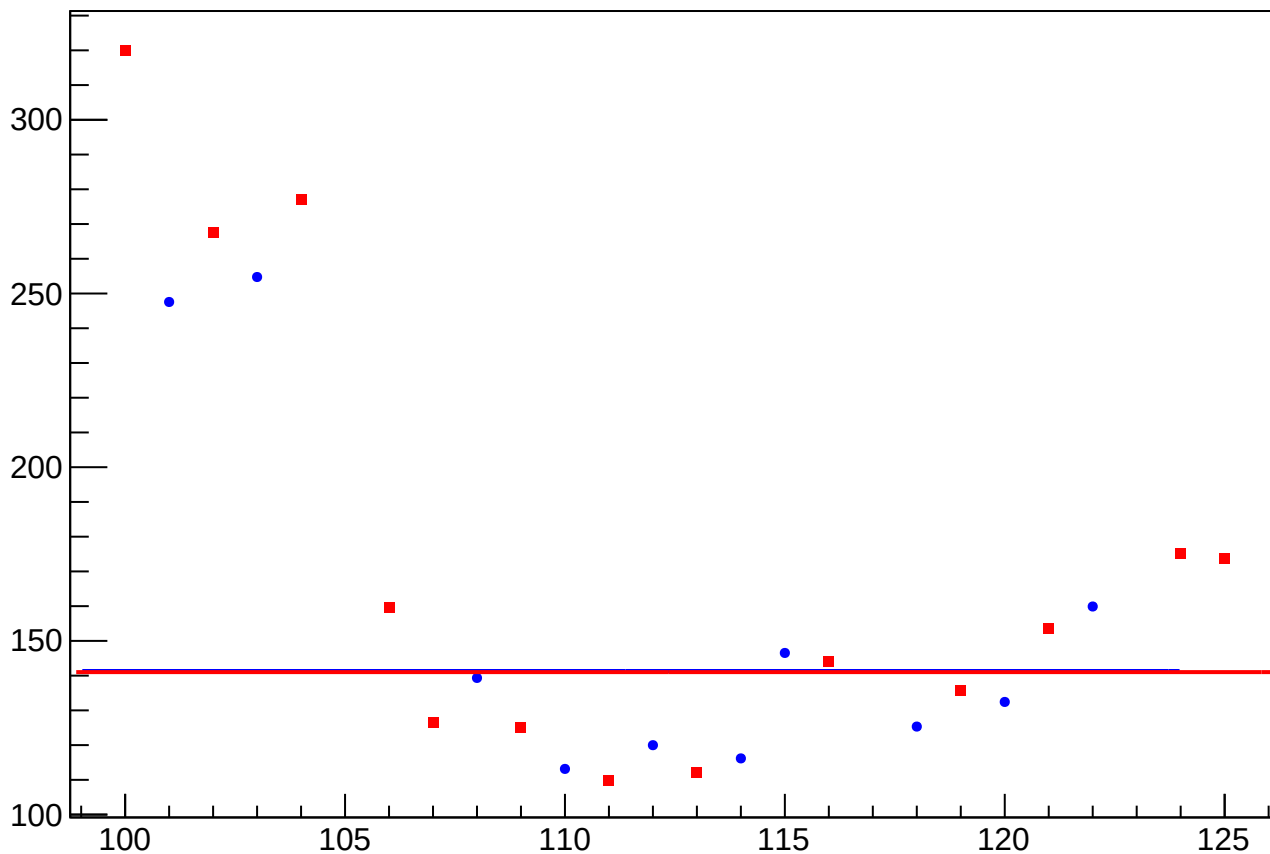
Right: 149.691+/-49.586 χ^2 /NDF: 16929.5/22

In: 2747.074+/-73.928 χ^2 /NDF:12267.9/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 149.691+/-49.586 χ^2 /NDF: 16929.5/22

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: 141.014+/-0.047 χ^2/NDF : 754834.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

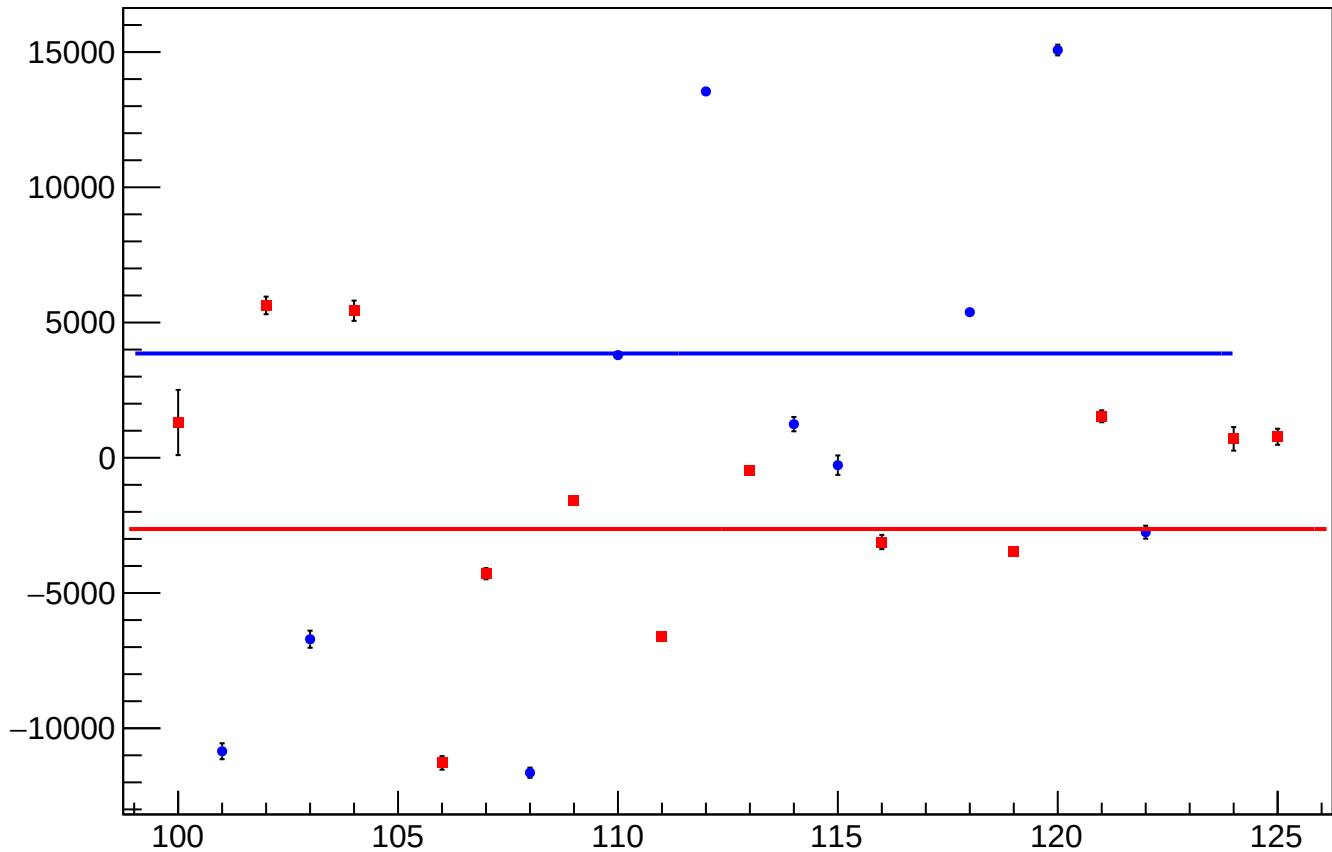
Right: 141.158+/-0.035 χ^2/NDF : 1341665.2/22

In: 141.334+/-0.052 χ^2/NDF : 586810.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.158+/-0.035 χ^2/NDF : 1341665.2/22

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: -2633.780+/-54.644 χ^2/NDF : 4366.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

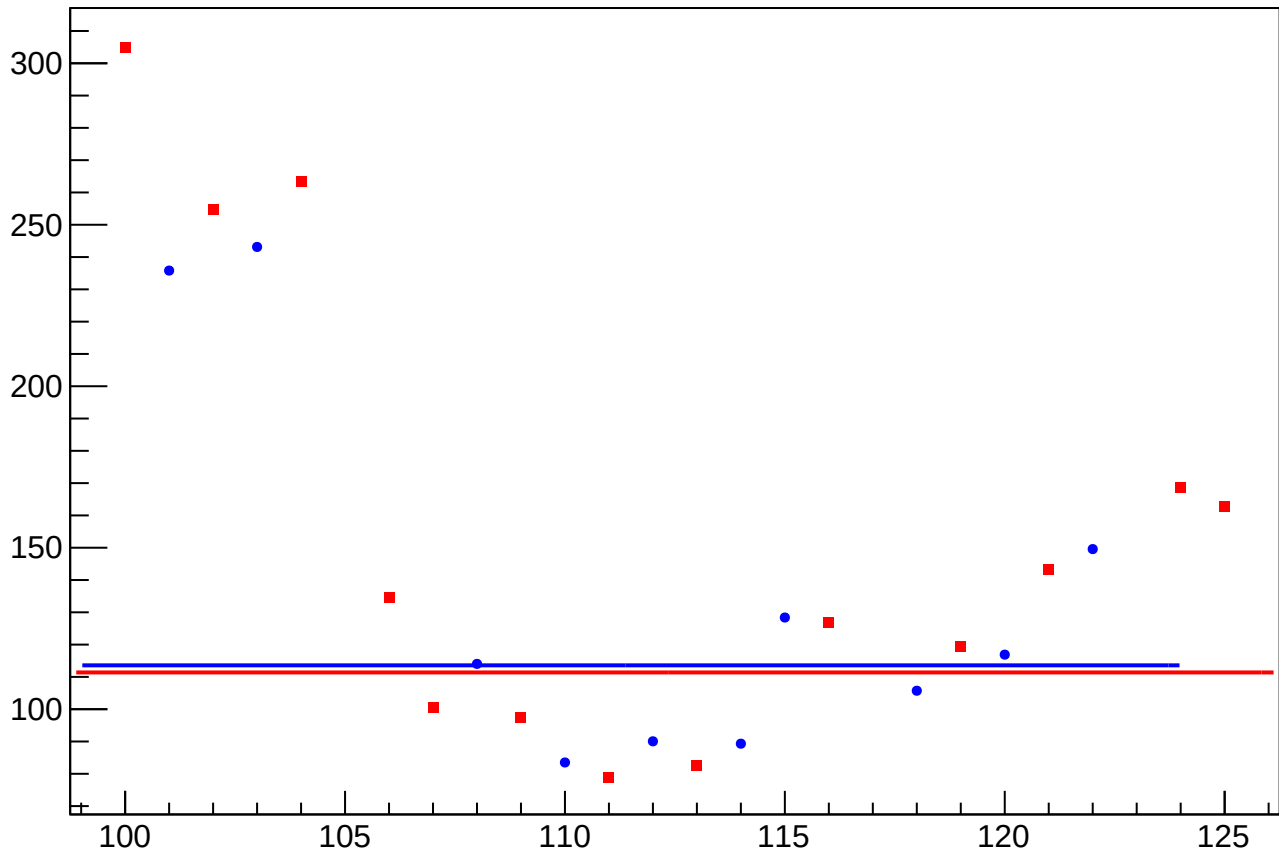
Right: 248.424+/-40.742 χ^2/NDF : 30474.3/22

In: 3856.236+/-61.137 χ^2/NDF : 19843.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 248.424+/-40.742 χ^2/NDF : 30474.3/22

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: 111.382+/-0.039 χ^2/NDF : 1210205.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

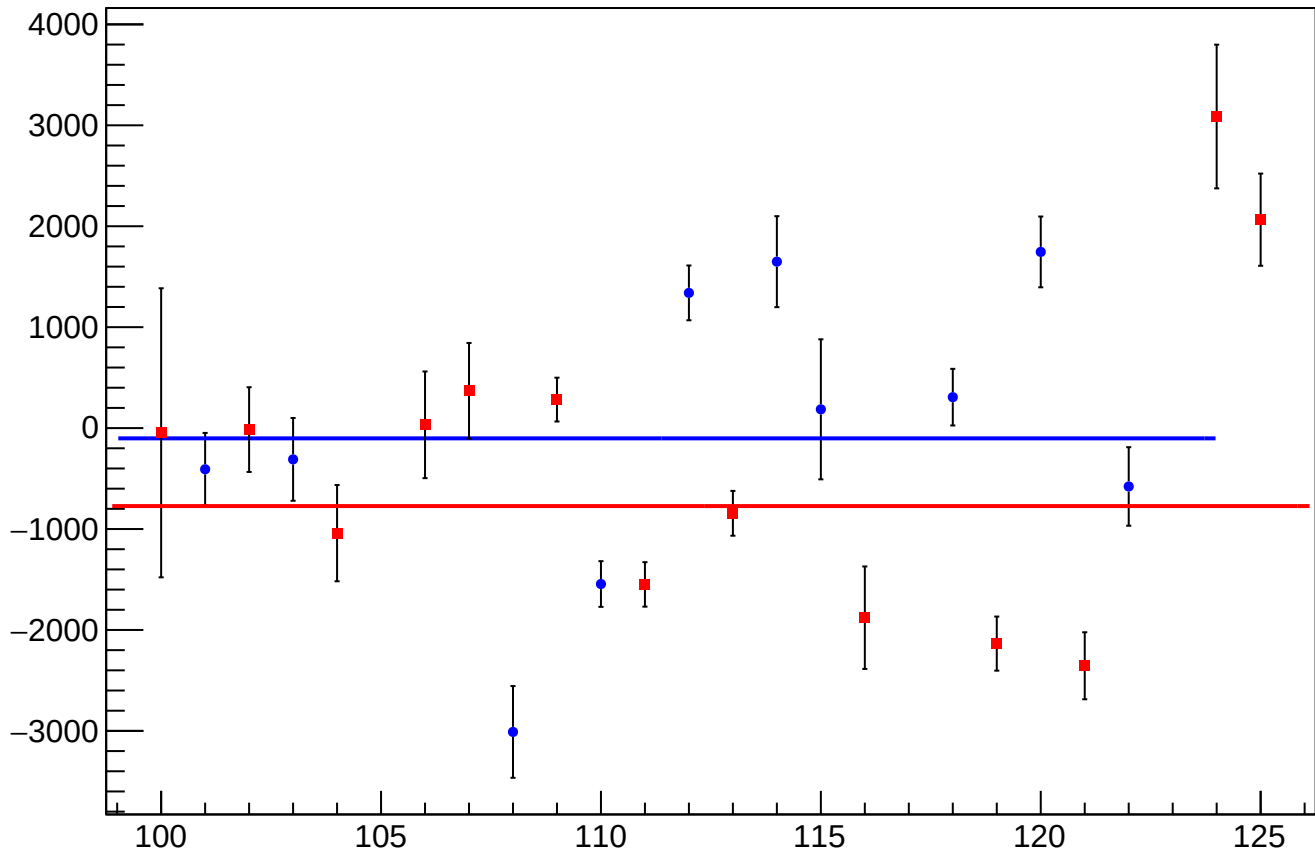
Right: 112.358+/-0.029 χ^2/NDF : 2113848.8/22

In: 113.579+/-0.043 χ^2/NDF : 902207.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.358+/-0.029 χ^2/NDF : 2113848.8/22

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: -772.544+/-93.503 χ^2/NDF : 169.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

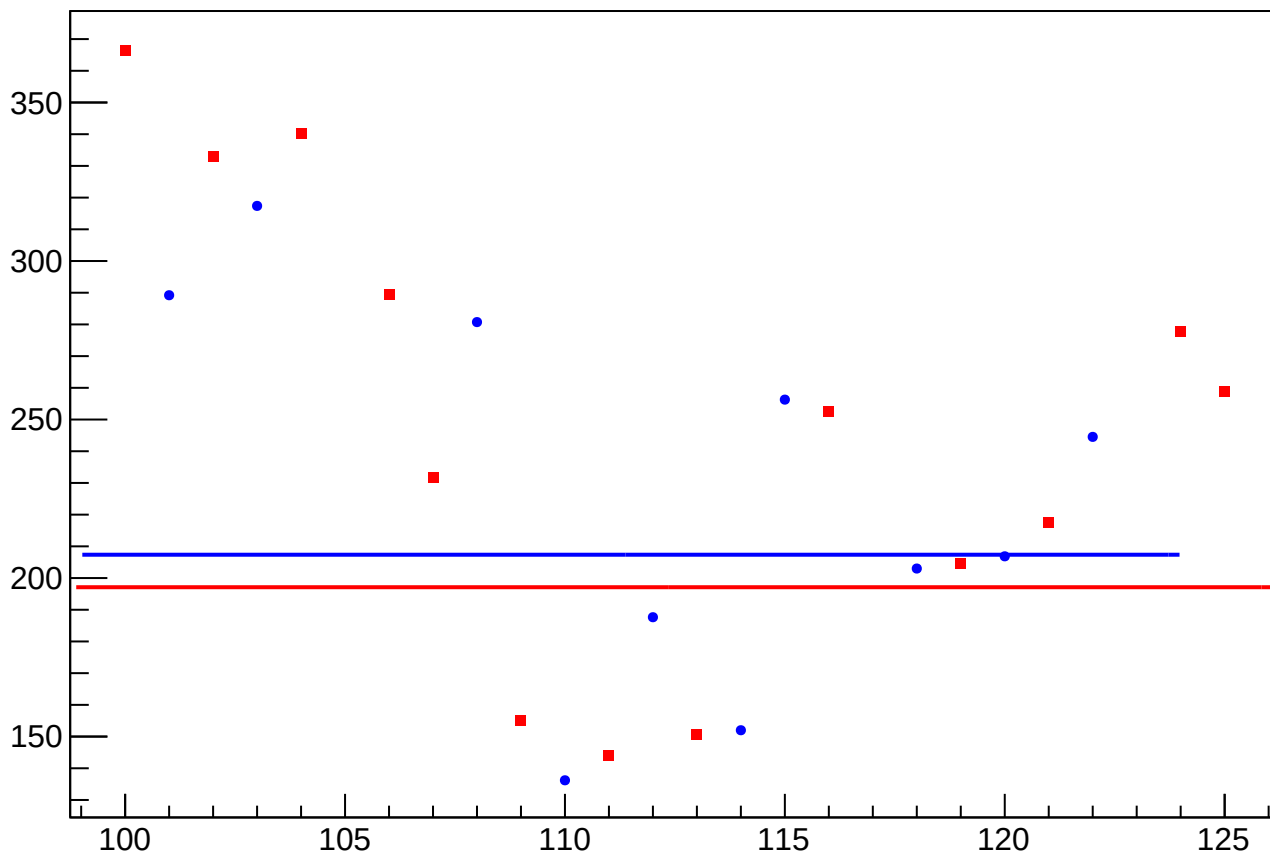
Right: -484.501+/-70.634 χ^2/NDF : 349.0/22

In: -101.641+/-107.799 χ^2/NDF : 157.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -484.501+/-70.634 χ^2/NDF : 349.0/22

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: 197.108+/-0.066 χ^2/NDF : 862530.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

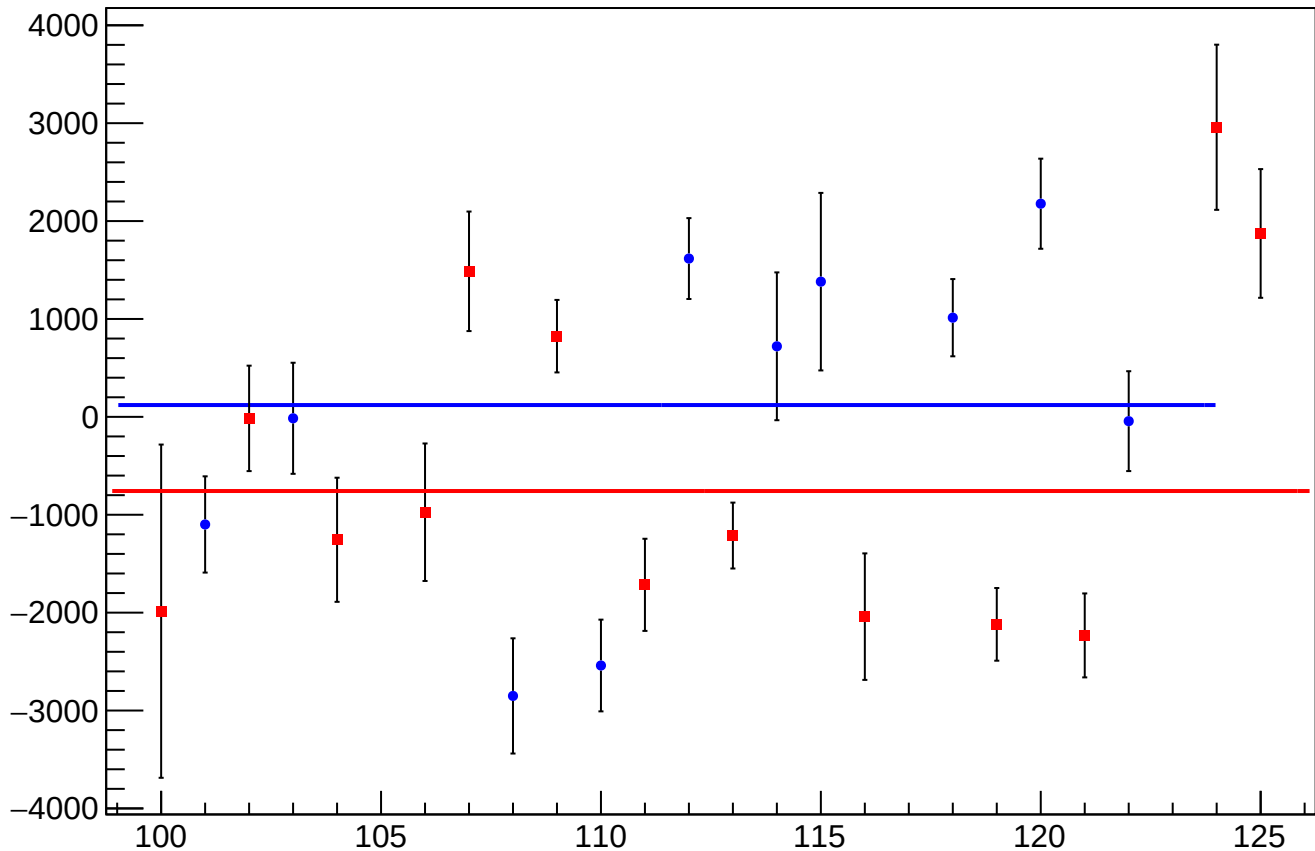
Right: 201.509+/-0.050 χ^2/NDF : 1439424.7/22

In: 207.357+/-0.076 χ^2/NDF : 566577.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 201.509+/-0.050 χ^2/NDF : 1439424.7/22

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: -757.565+/-140.810 χ^2/NDF : 105.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

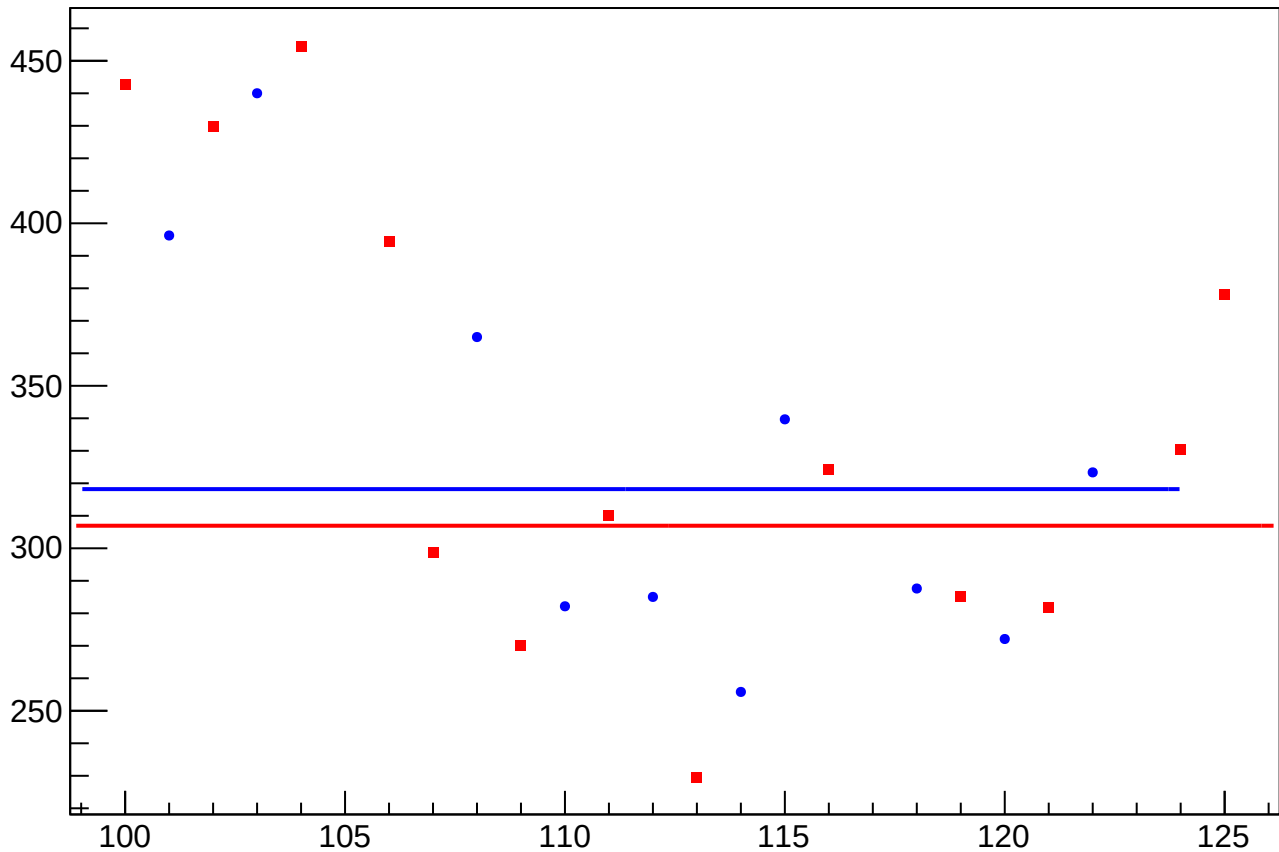
Right: -377.330+/-106.033 χ^2/NDF : 227.2/22

In: 120.667+/-161.147 χ^2/NDF : 104.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -377.330+/-106.033 χ^2/NDF : 227.2/22

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: 306.946+/-0.100 χ^2/NDF : 422163.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

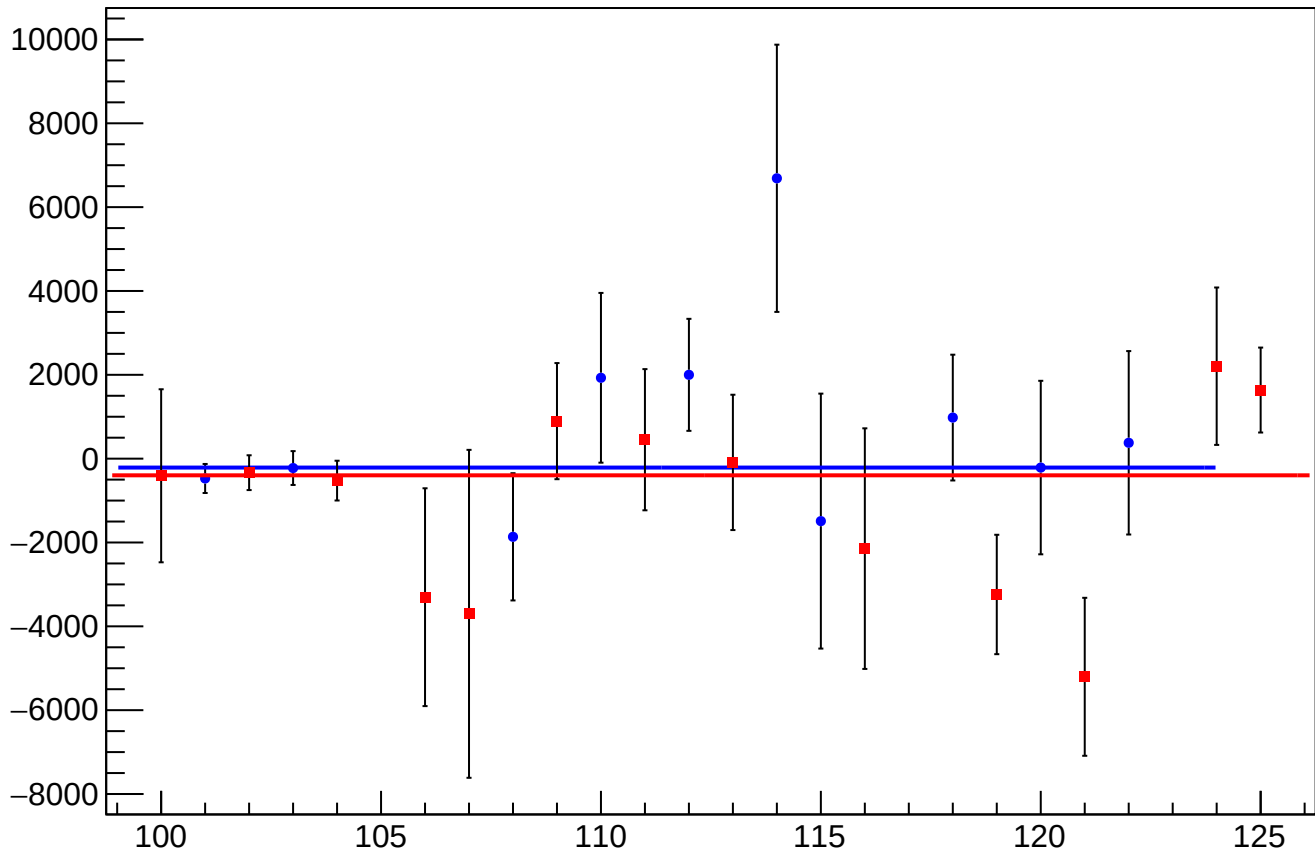
Right: 311.823+/-0.075 χ^2/NDF : 654771.3/22

In: 318.210+/-0.114 χ^2/NDF : 227066.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 311.823+/-0.075 χ^2/NDF : 654771.3/22

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: -397.581+/-266.214 χ^2/NDF : 20.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

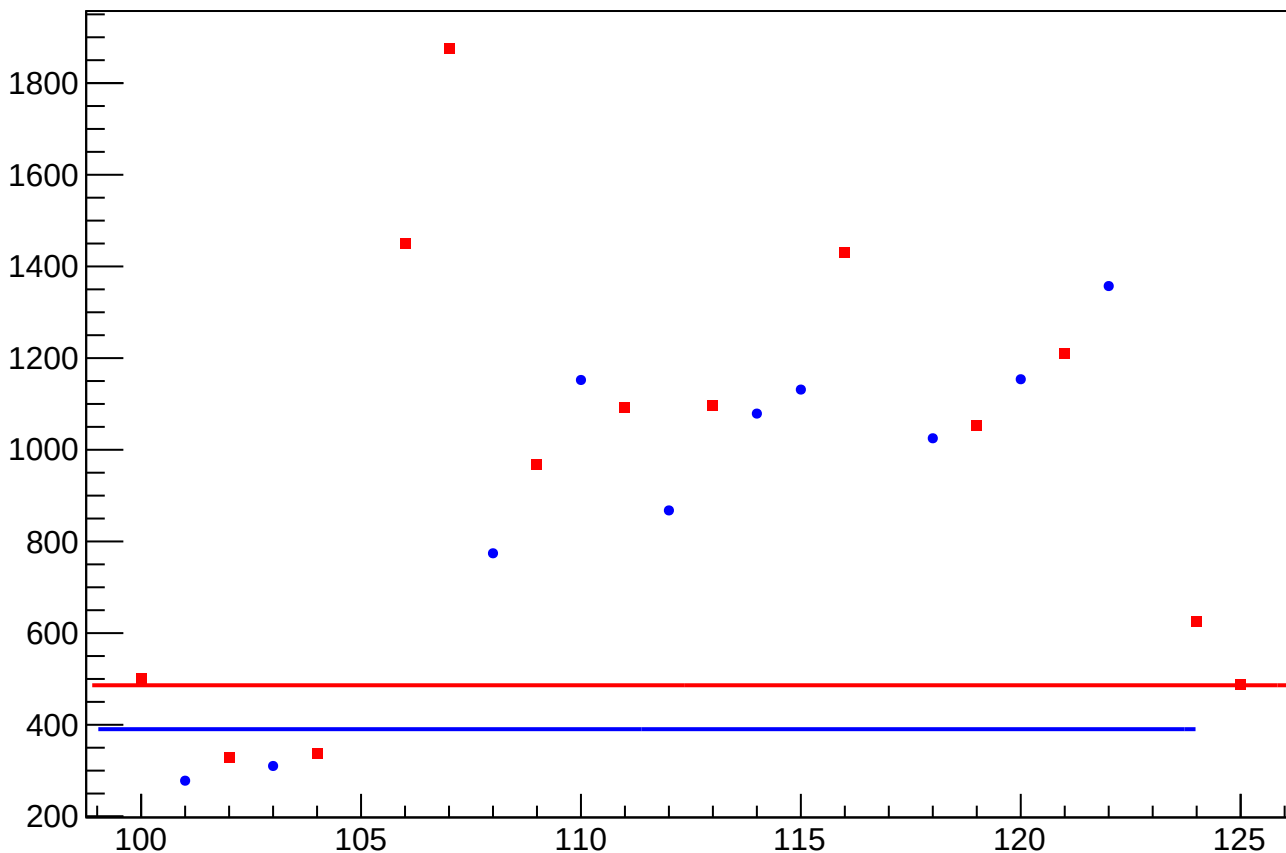
Right: -297.062+/-179.829 χ^2/NDF : 31.5/22

In: -212.698+/-243.885 χ^2/NDF : 11.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -297.062+/-179.829 χ^2/NDF : 31.5/22

asym_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 390.424+/-0.172 χ^2/NDF : 2188878.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 486.229+/-0.188 χ^2/NDF : 2633892.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

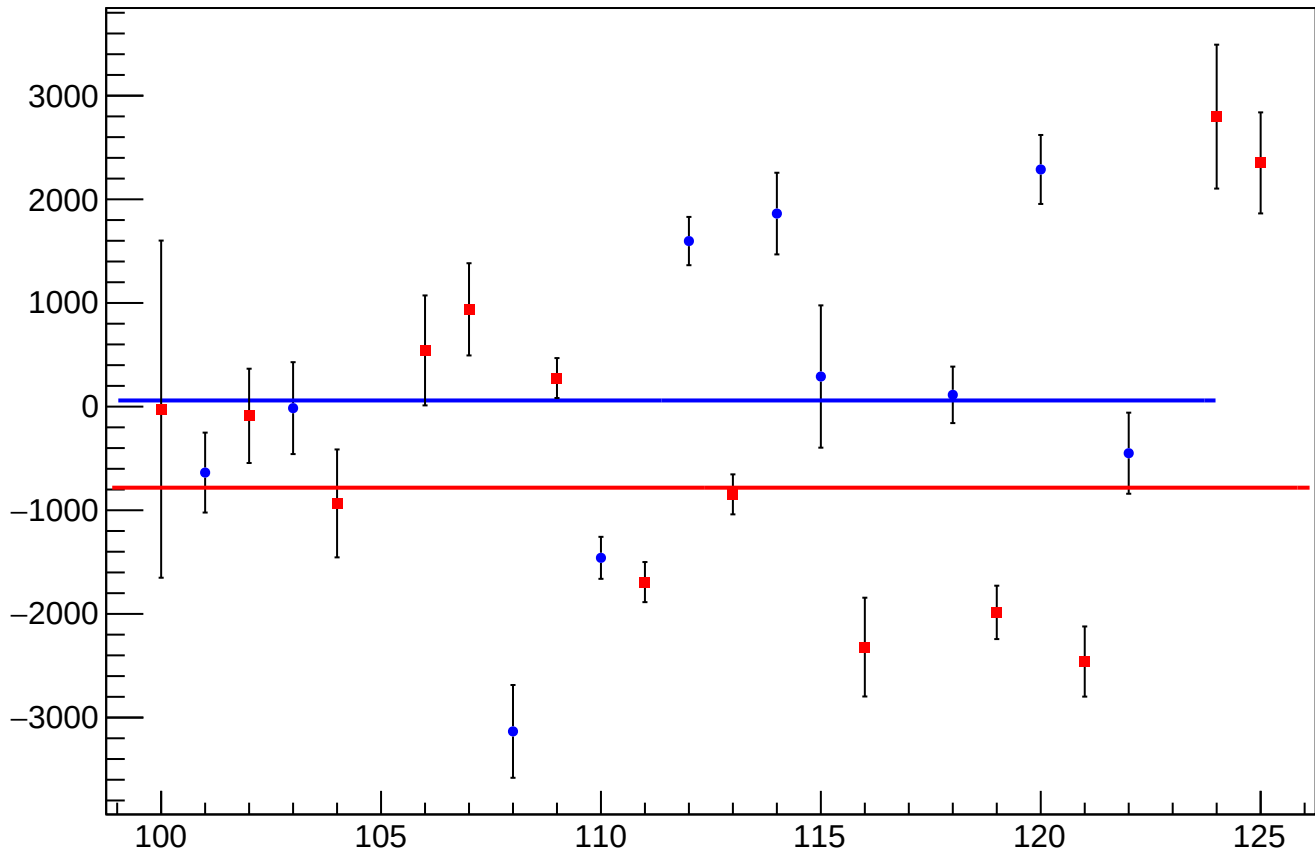
Right: 434.141+/-0.127 χ^2/NDF : 4963599.7/22

In: 390.424+/-0.172 χ^2/NDF :2188878.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 434.141+/-0.127 χ^2/NDF : 4963599.7/22

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: -782.138+/-86.865 χ^2/NDF : 201.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

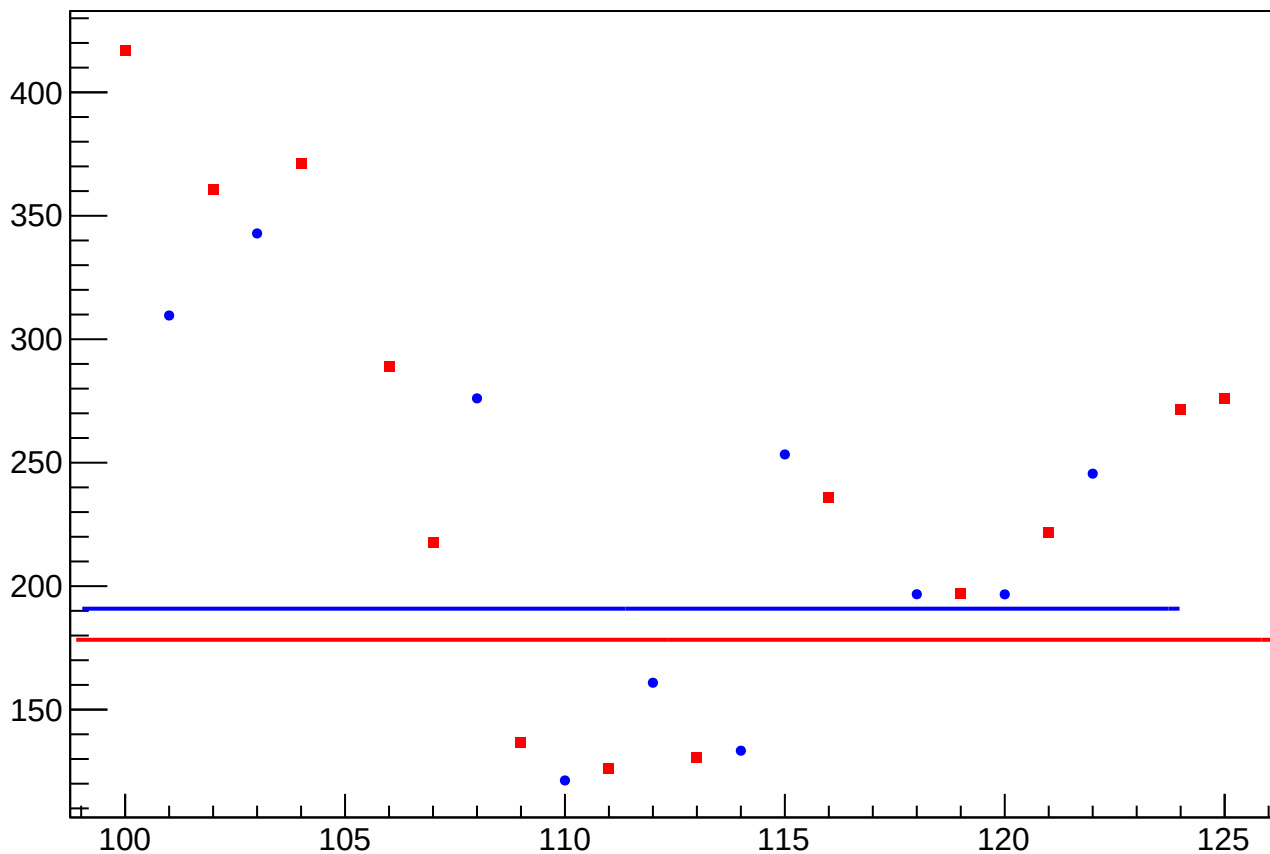
Right: -426.098+/-65.977 χ^2/NDF : 462.3/22

In: 59.374+/-101.432 χ^2/NDF :221.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -426.098+/-65.977 χ^2/NDF : 462.3/22

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: 178.289+/-0.061 χ^2/NDF : 1293293.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

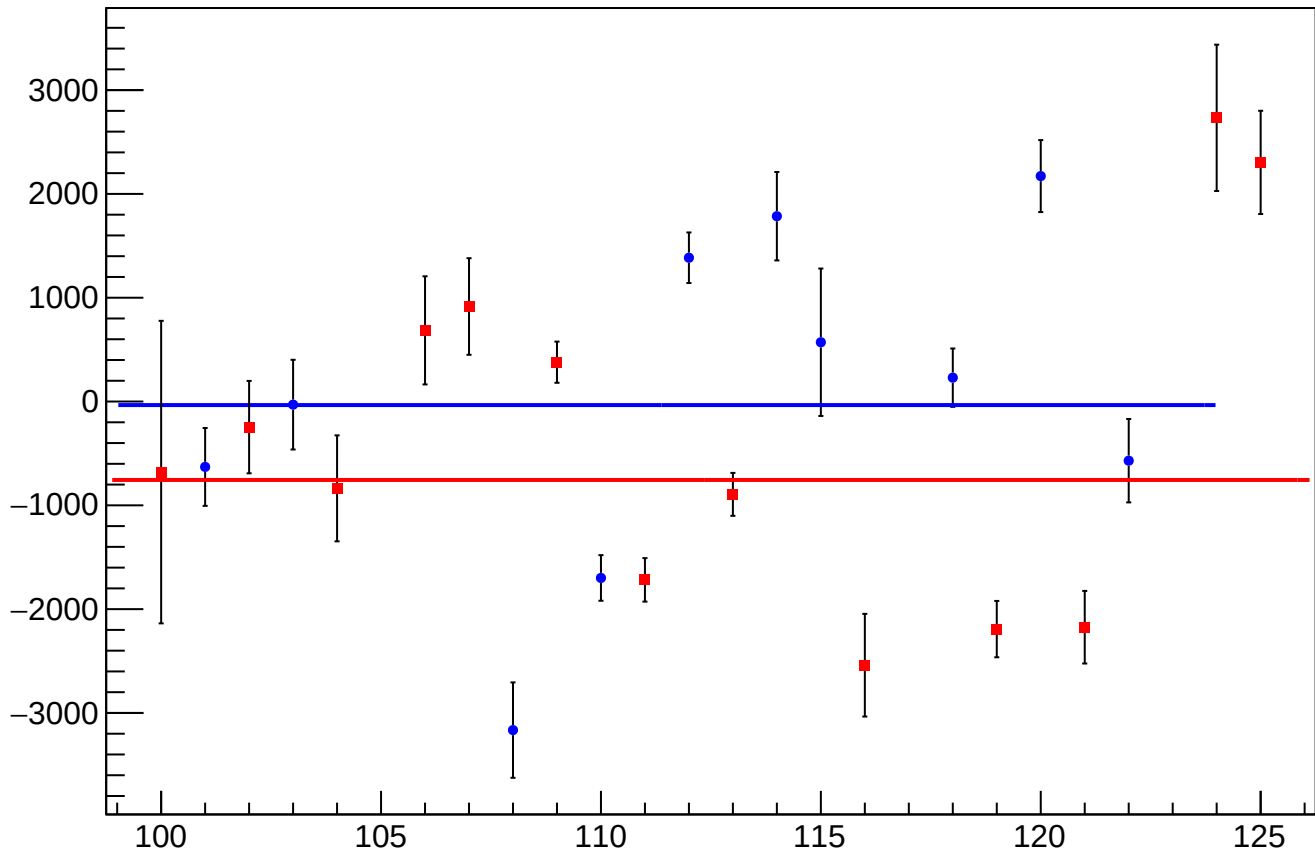
Right: 183.616+/-0.047 χ^2/NDF : 2176956.6/22

In: 190.879+/-0.072 χ^2/NDF : 865887.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.616+/-0.047 χ^2/NDF : 2176956.6/22

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: -755.550+/-90.858 χ^2/NDF : 196.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

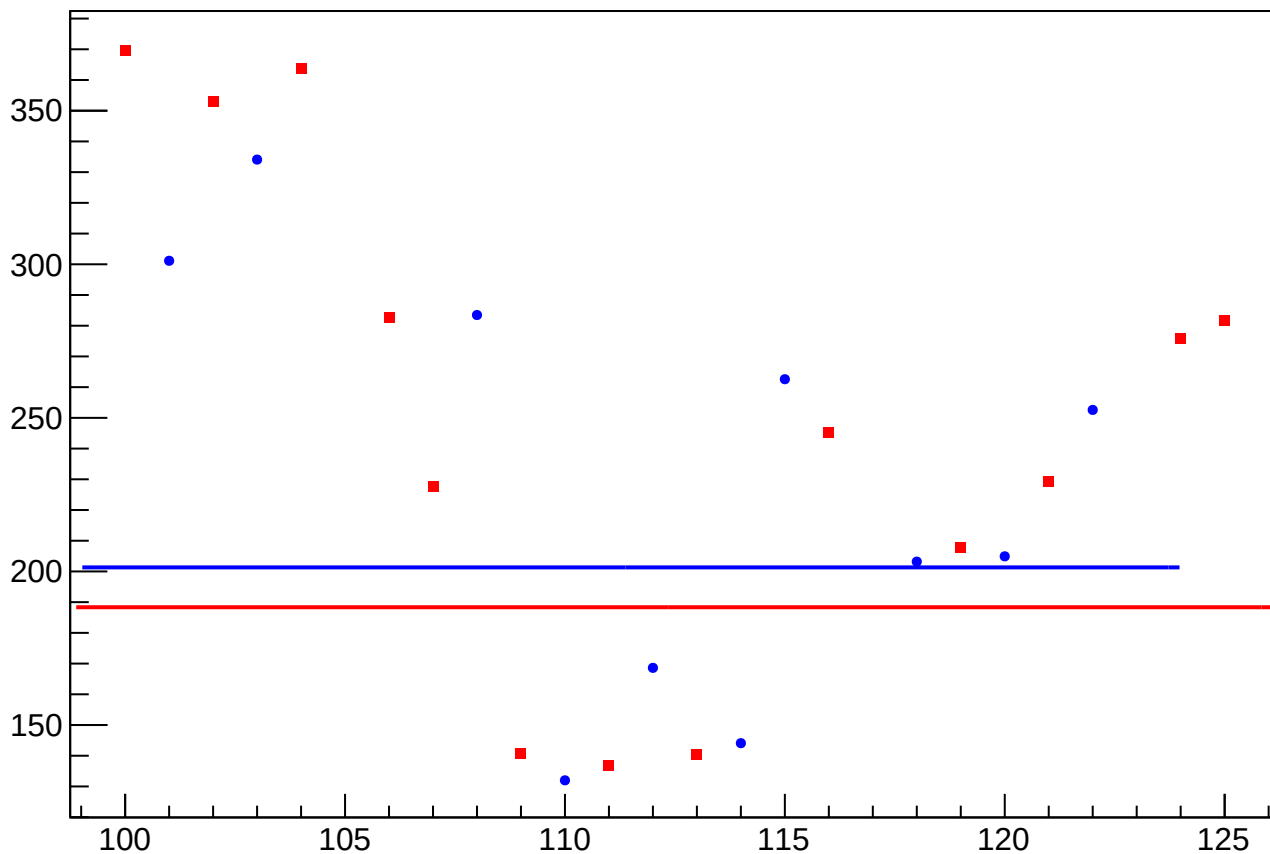
Right: -449.131+/-68.912 χ^2/NDF : 425.2/22

In: -34.123+/-105.738 χ^2/NDF :202.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -449.131+/-68.912 χ^2/NDF : 425.2/22

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: 188.342+/-0.064 χ^2/NDF : 1129061.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

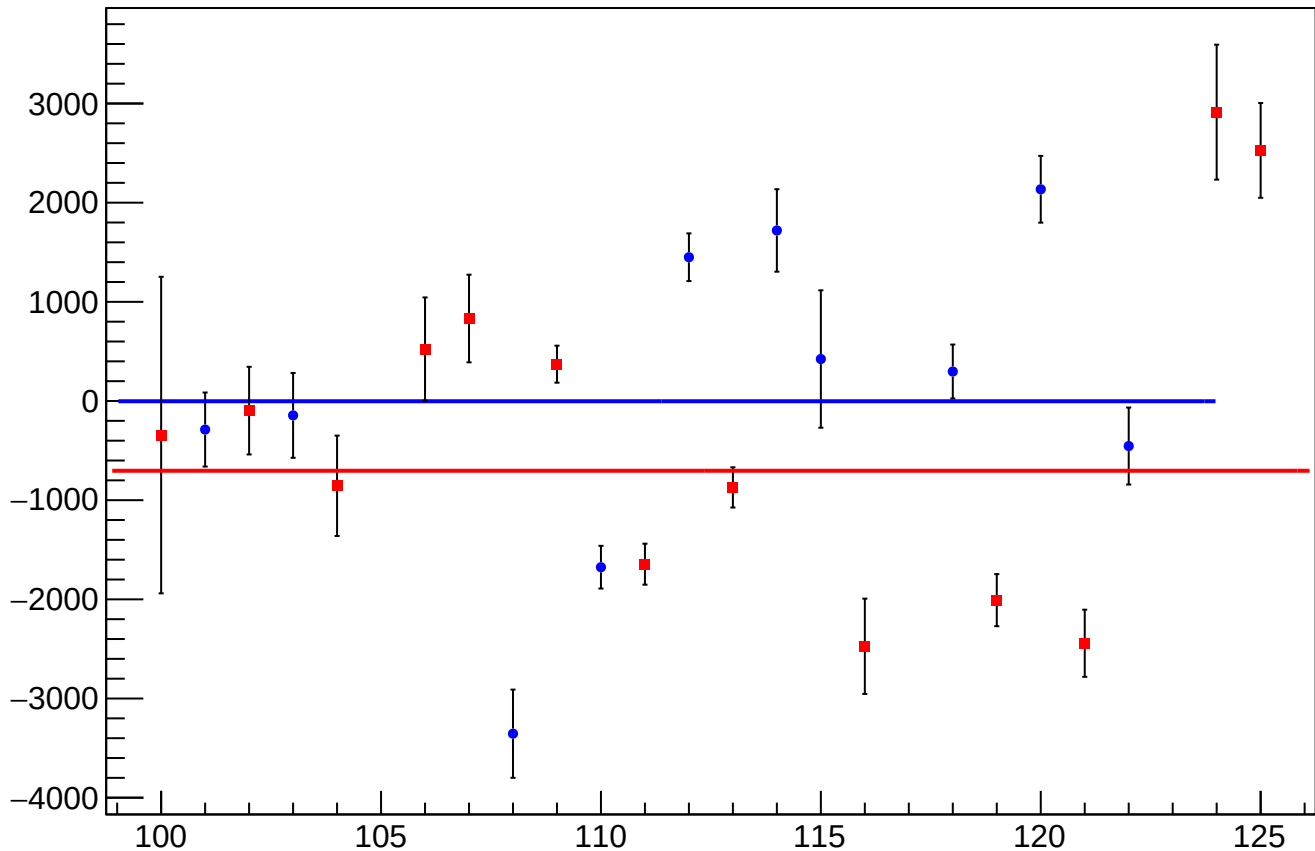
Right: 193.854+/-0.049 χ^2/NDF : 1859809.9/22

In: 201.319+/-0.075 χ^2/NDF : 713420.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 193.854+/-0.049 χ^2/NDF : 1859809.9/22

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: -703.241+/-88.116 χ^2/NDF : 213.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

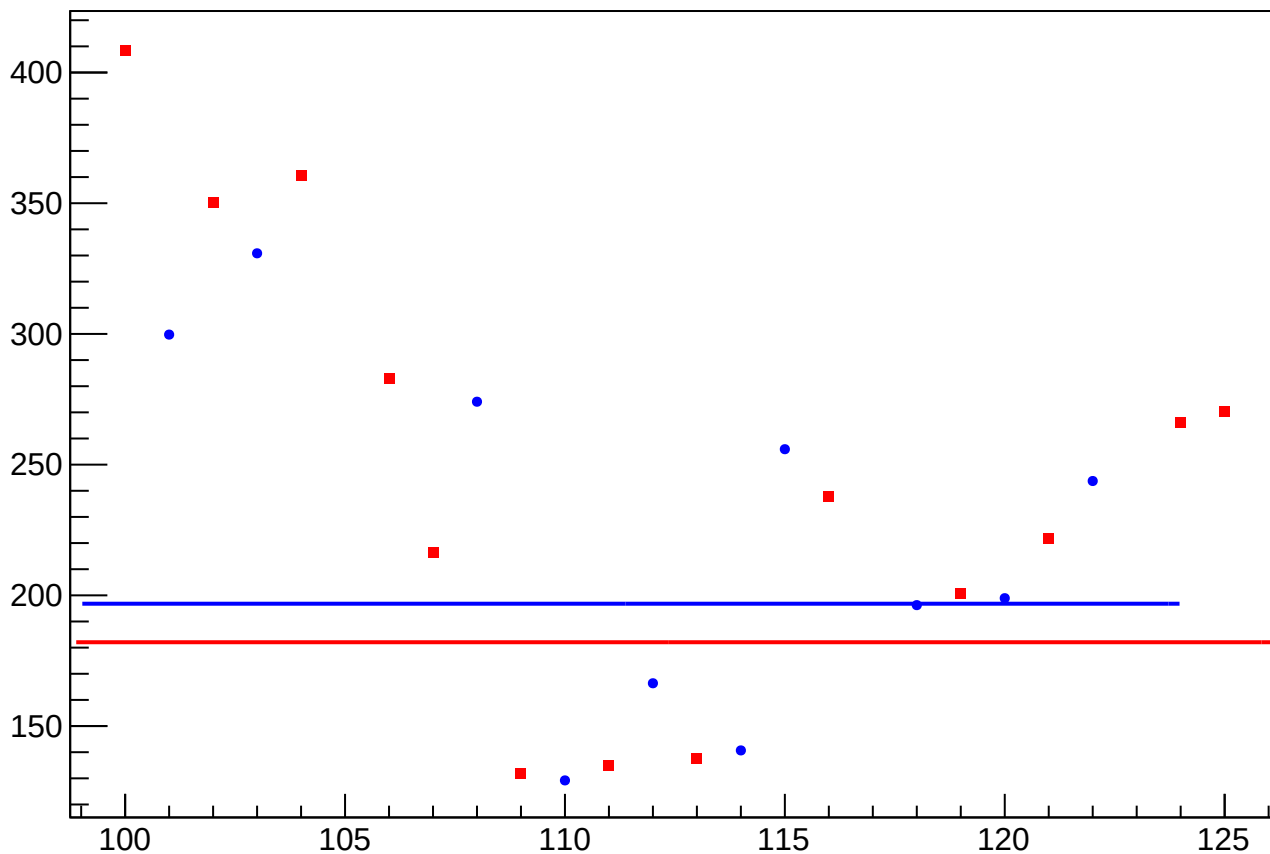
Right: -408.576+/-67.085 χ^2/NDF : 454.4/22

In: -2.291+/-103.468 χ^2/NDF :214.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -408.576+/-67.085 χ^2/NDF : 454.4/22

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: 182.066+/-0.062 χ^2/NDF : 1174039.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

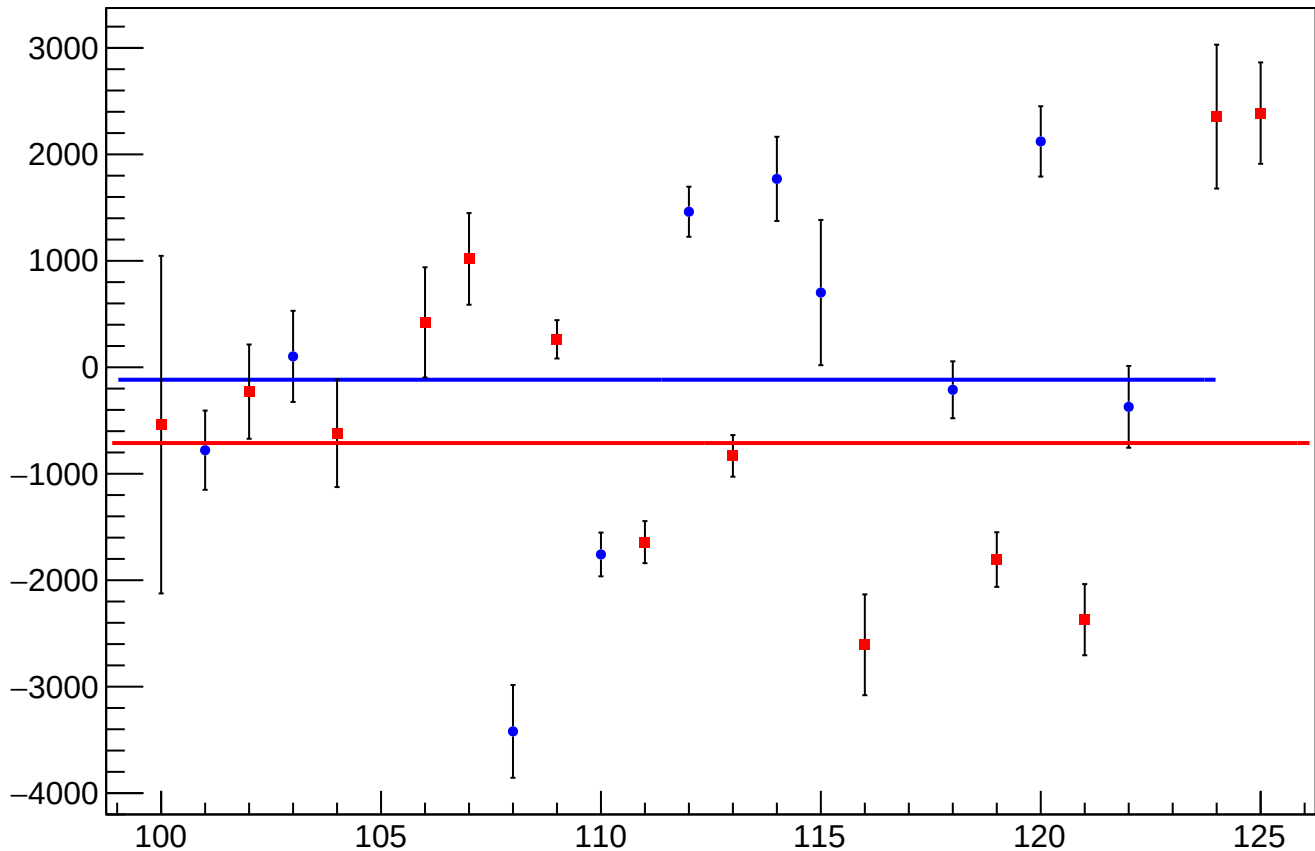
Right: 188.260+/-0.047 χ^2/NDF : 1915701.0/22

In: 196.801+/-0.073 χ^2/NDF : 718149.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 188.260+/-0.047 χ^2/NDF : 1915701.0/22

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: -711.279+/-85.652 χ^2/NDF : 195.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

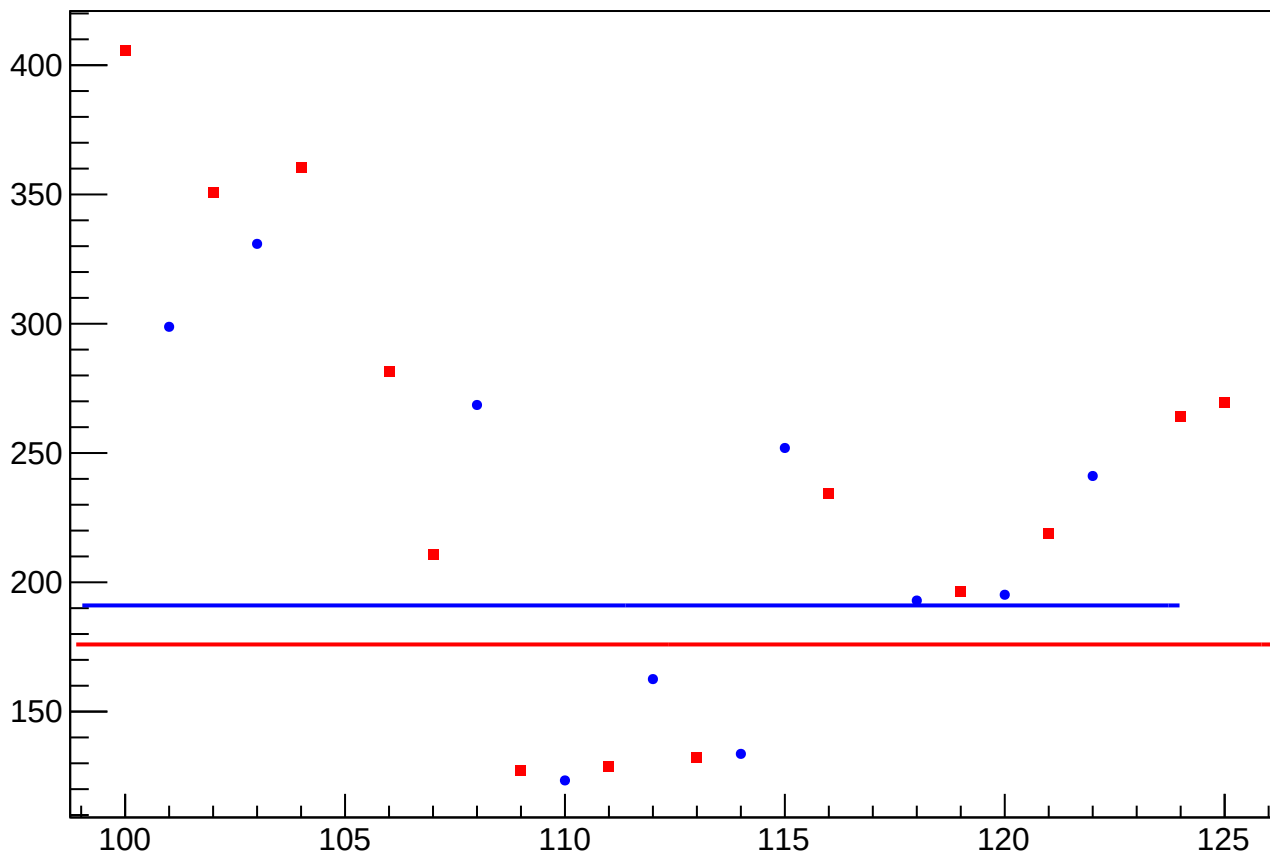
Right: -462.340+/-65.305 χ^2/NDF : 456.3/22

In: -116.697+/-100.926 χ^2/NDF : 240.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -462.340+/-65.305 χ^2/NDF : 456.3/22

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: 175.961+/-0.061 χ^2/NDF : 1263904.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

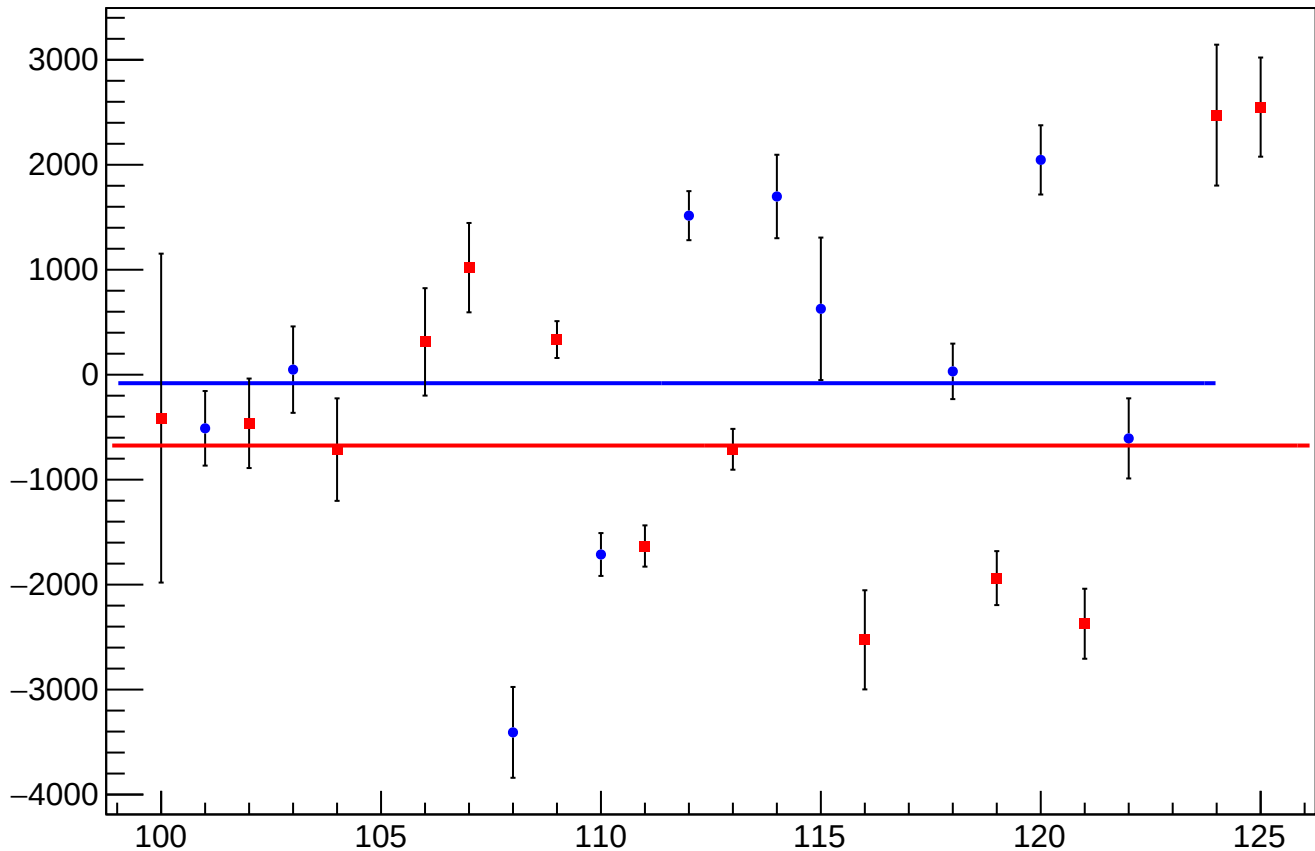
Right: 182.280+/-0.046 χ^2/NDF : 2073093.5/22

In: 191.053+/-0.071 χ^2/NDF : 783189.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.280+/-0.046 χ^2/NDF : 2073093.5/22

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: -674.827+/-84.664 χ^2/NDF : 210.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

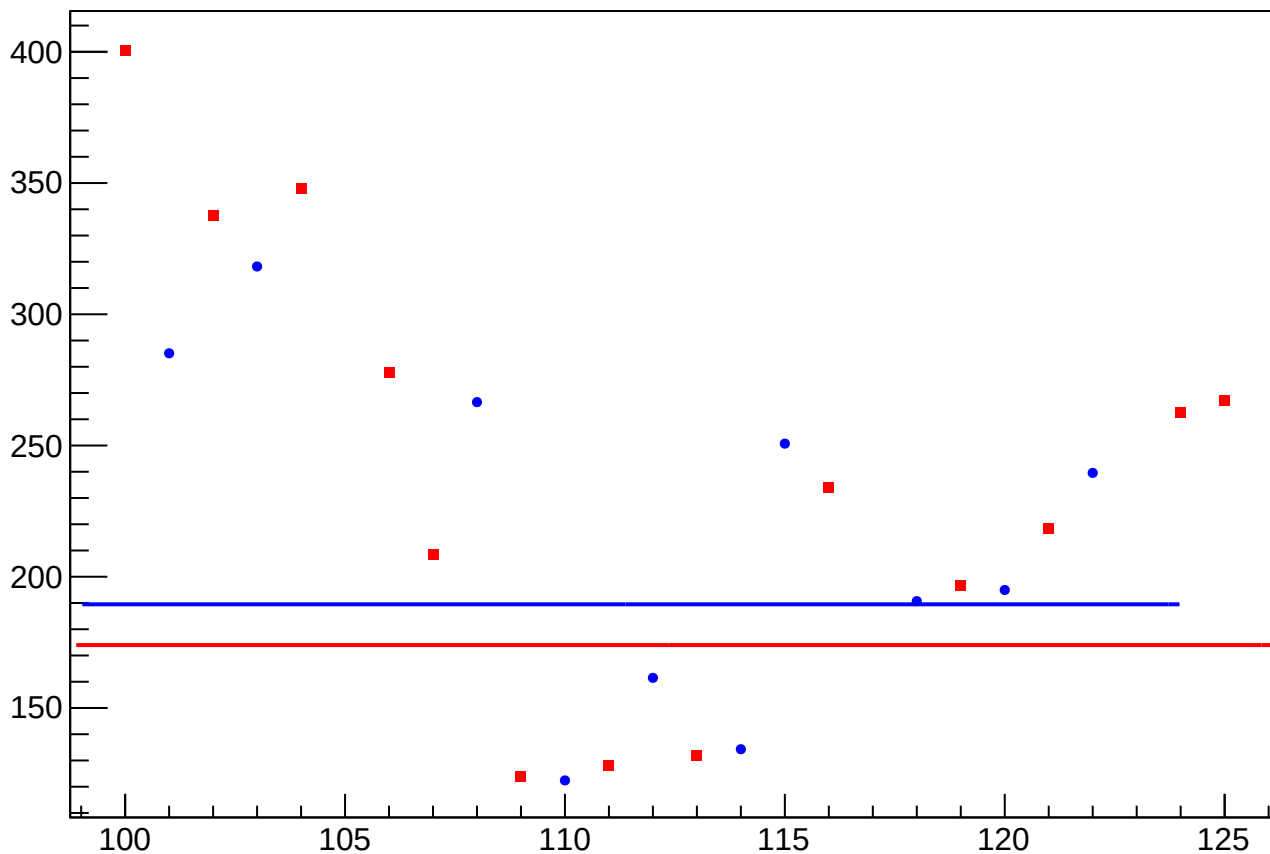
Right: -426.414+/-64.569 χ^2/NDF : 467.3/22

In: -81.046+/-99.828 χ^2/NDF : 236.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -426.414+/-64.569 χ^2/NDF : 467.3/22

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: 173.968+/-0.060 χ^2/NDF : 1248510.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

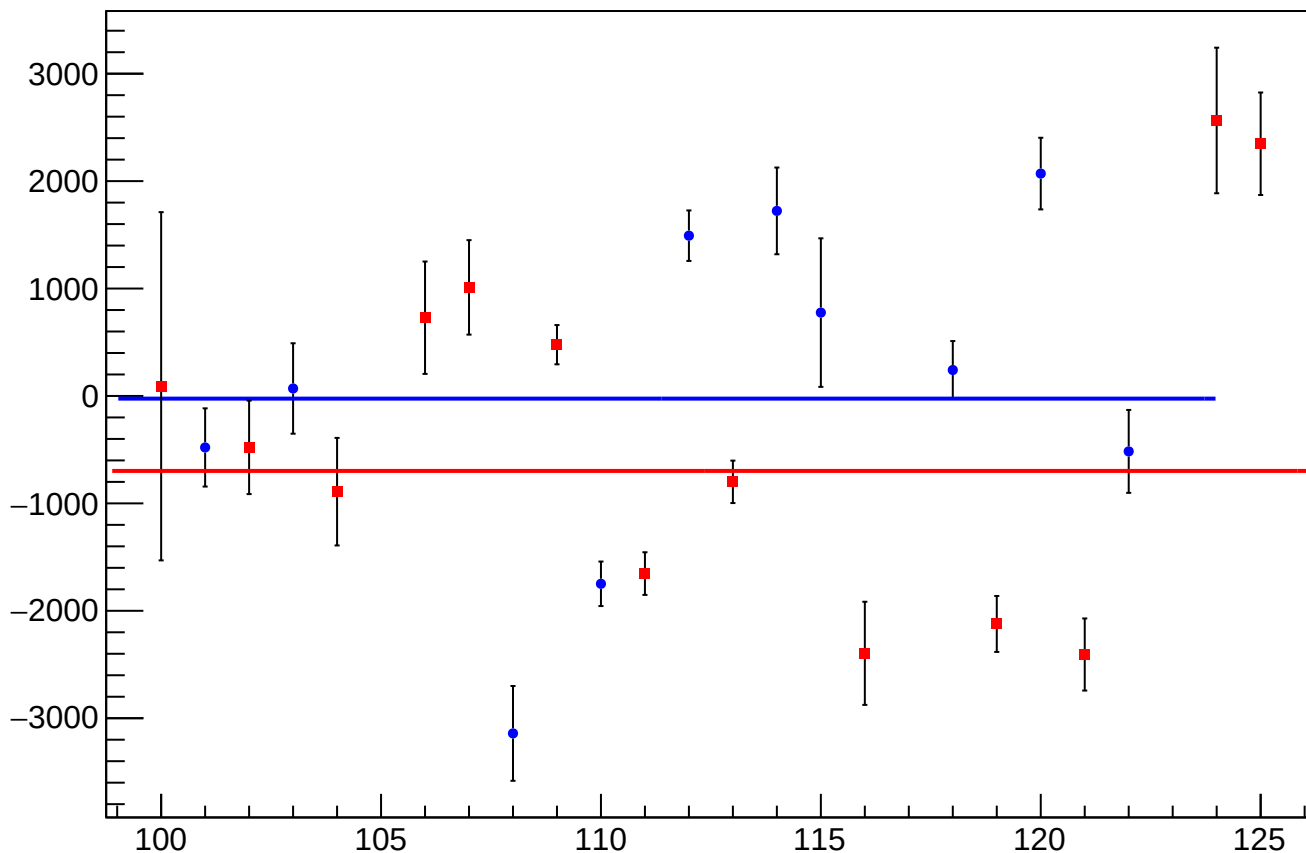
Right: 180.464+/-0.046 χ^2/NDF : 2015164.7/22

In: 189.496+/-0.071 χ^2/NDF :738508.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 180.464+/-0.046 χ^2/NDF : 2015164.7/22

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: -24.818+/-101.305 χ^2/NDF : 224.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -697.796+/-86.408 χ^2/NDF : 220.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

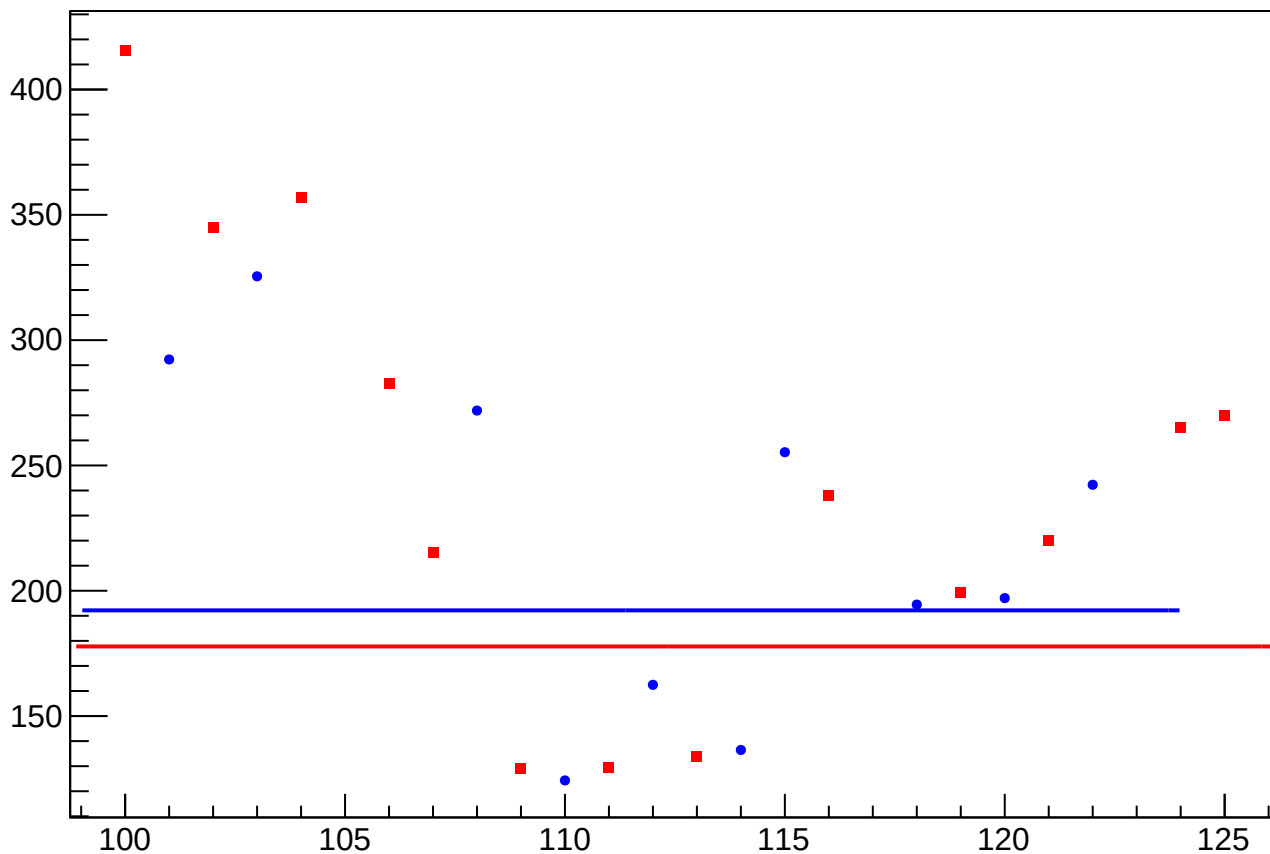
Right: -414.379+/-65.742 χ^2/NDF : 470.3/22

In: -24.818+/-101.305 χ^2/NDF :224.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -414.379+/-65.742 χ^2/NDF : 470.3/22

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: 177.788+/-0.061 χ^2/NDF : 1231306.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

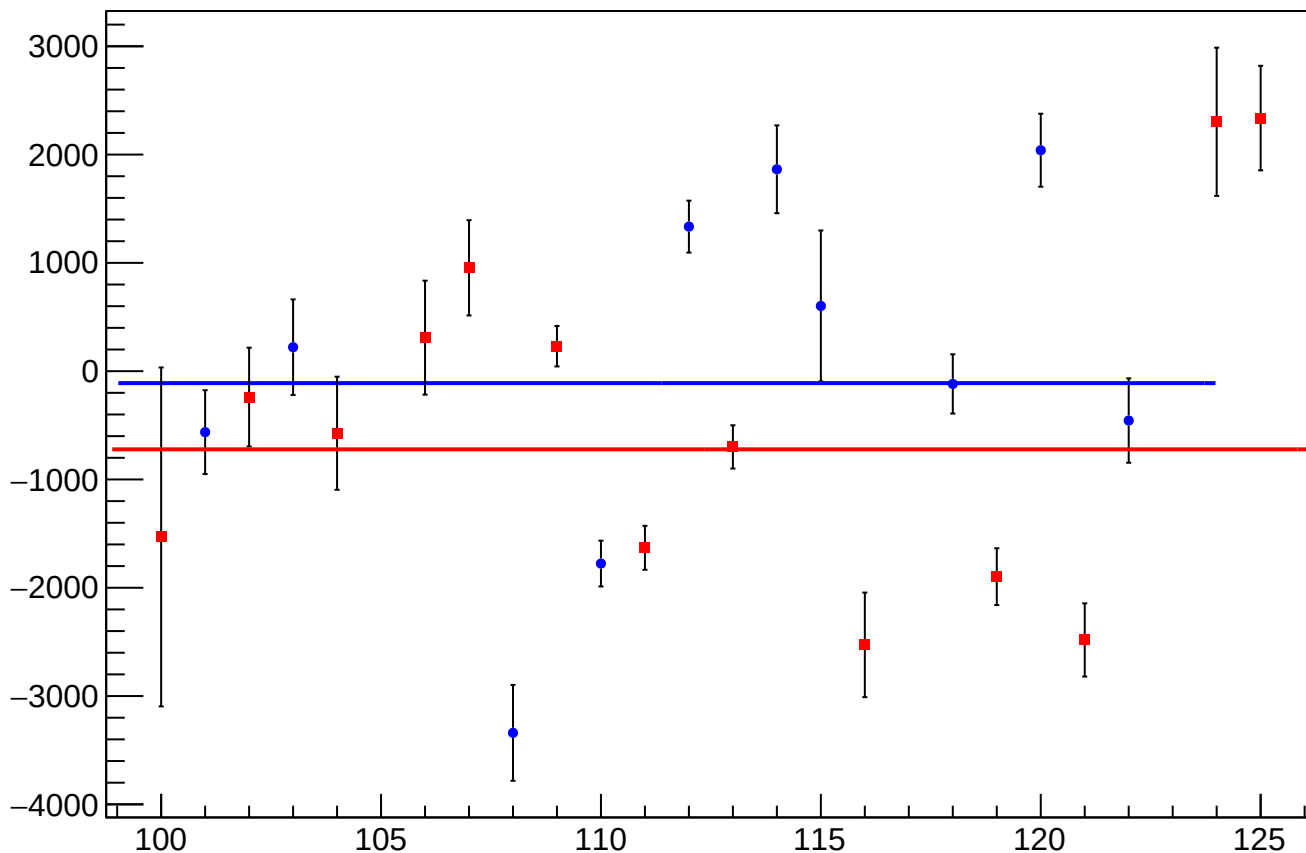
Right: 183.848+/-0.046 χ^2/NDF : 2007355.3/22

In: 192.179+/-0.072 χ^2/NDF : 752688.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.848+/-0.046 χ^2/NDF : 2007355.3/22

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: -721.699+/-87.846 χ^2/NDF : 186.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

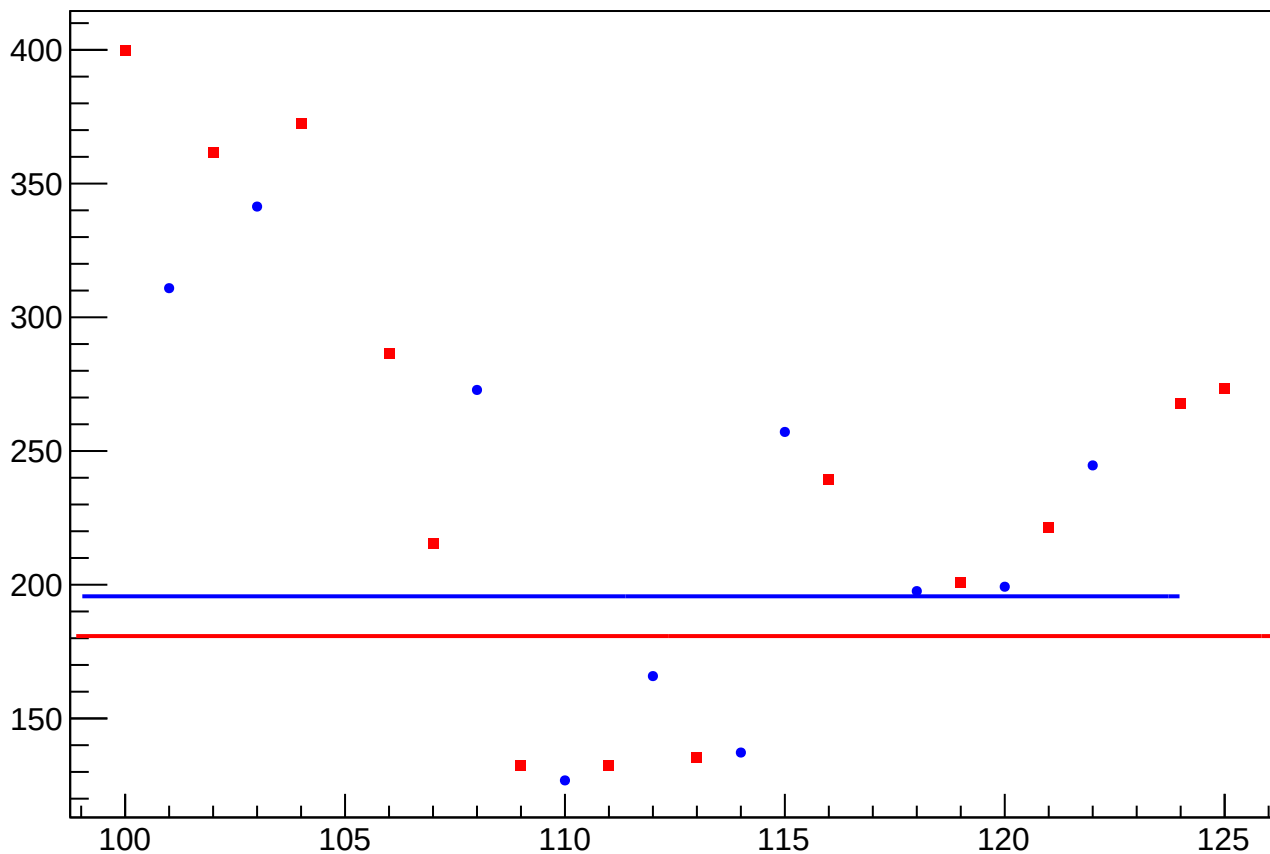
Right: -465.377+/-66.939 χ^2/NDF : 426.9/22

In: -110.451+/-103.371 χ^2/NDF : 219.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -465.377+/-66.939 χ^2/NDF : 426.9/22

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 195.668 $\pm$ 0.073 χ^2 /NDF: 788179.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 180.799 $\pm$ 0.062 χ^2 /NDF: 1242891.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

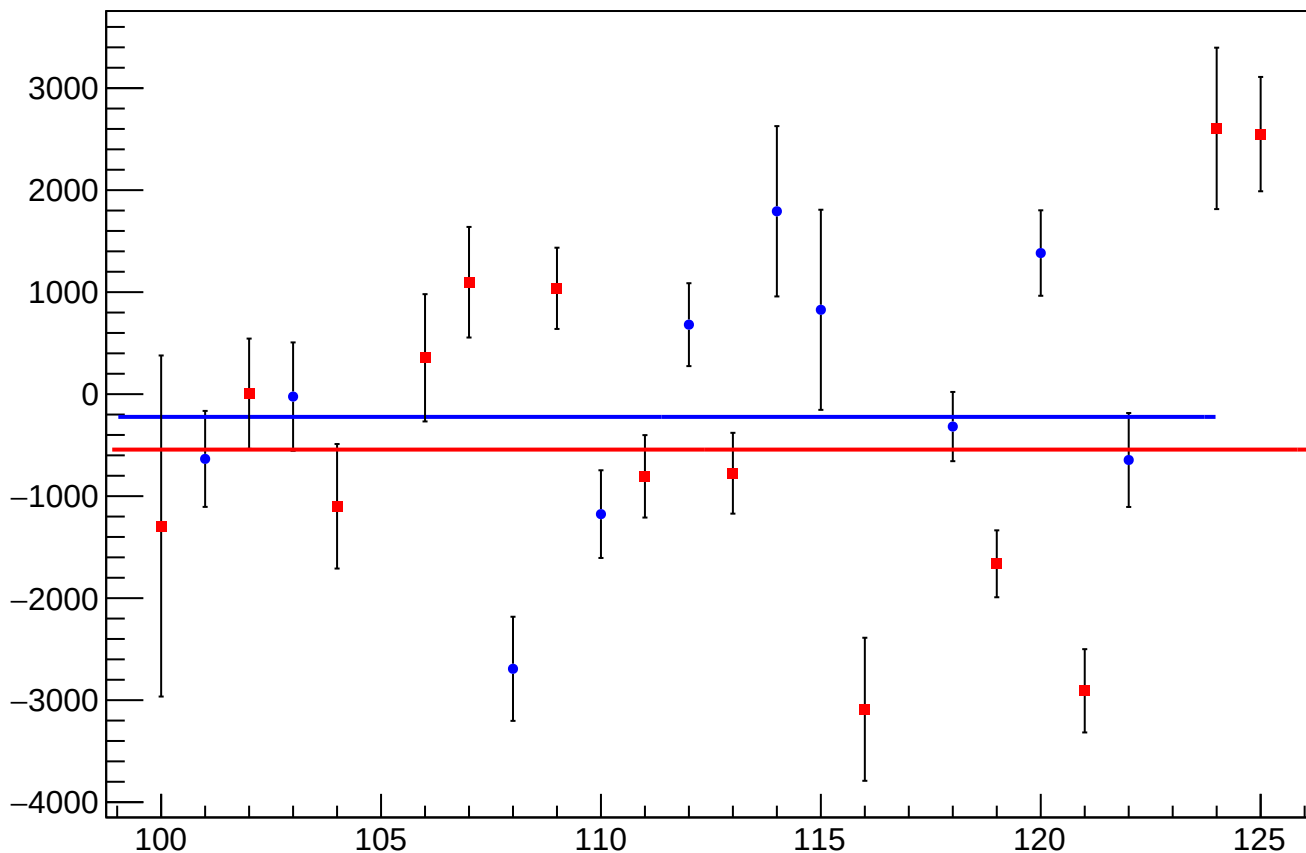
Right: 187.034 $\pm$ 0.047 χ^2 /NDF: 2055099.9/22

In: 195.668 $\pm$ 0.073 χ^2 /NDF: 788179.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 187.034 $\pm$ 0.047 χ^2 /NDF: 2055099.9/22

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: -543.487 ± 136.921 χ^2/NDF : 134.5/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

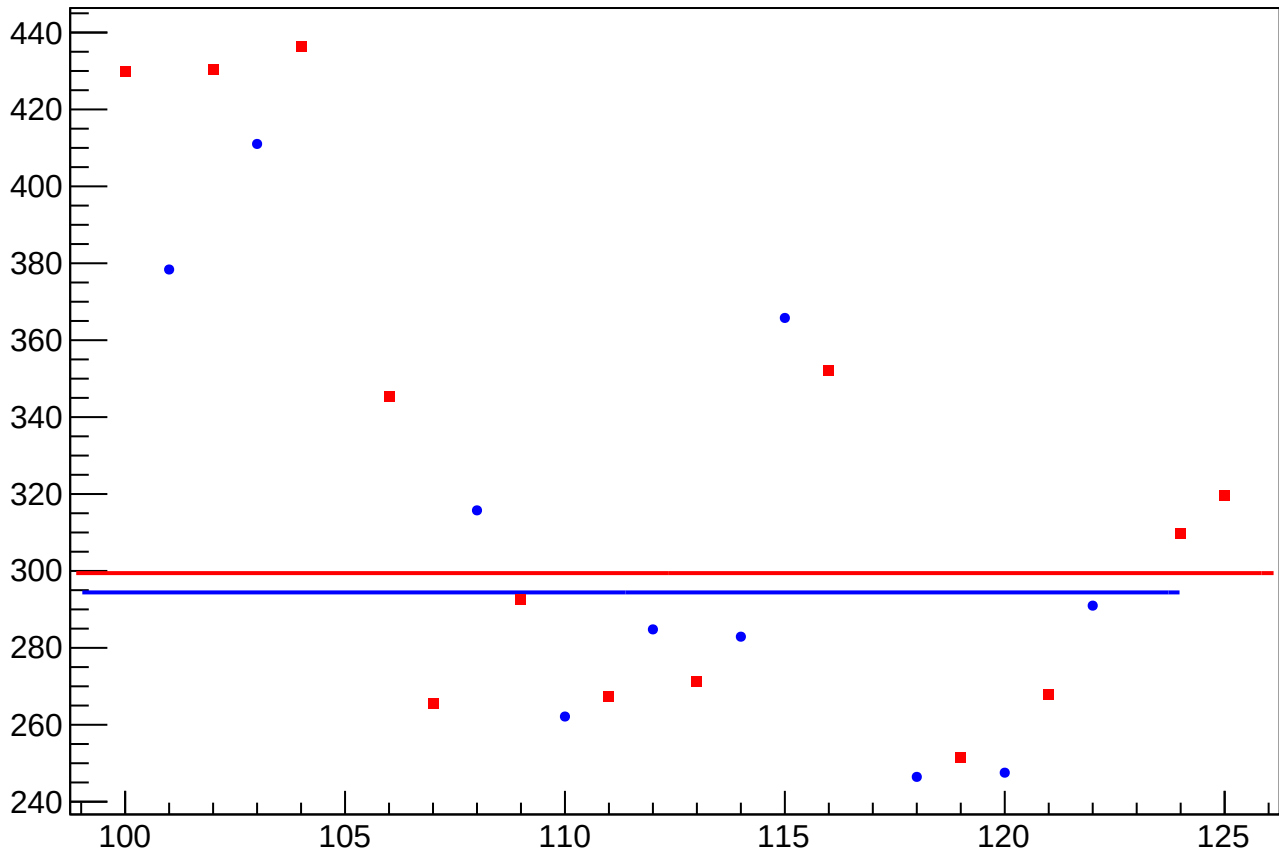
Right: -396.900 ± 100.871 χ^2/NDF : 193.8/22

In: -222.905 ± 149.173 χ^2/NDF : 56.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -396.900 ± 100.871 χ^2/NDF : 193.8/22

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: 299.437+/-0.097 χ^2/NDF : 341181.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

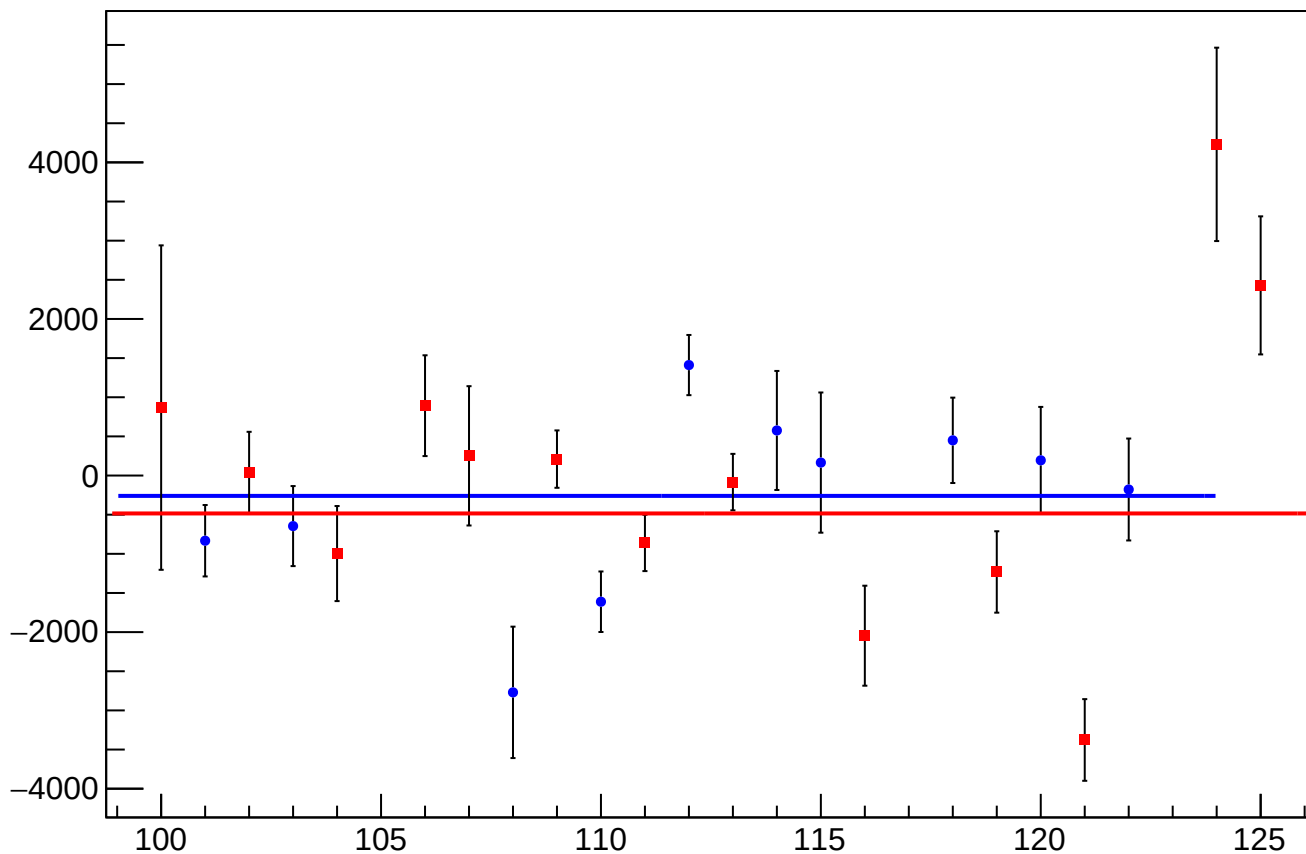
Right: 297.142+/-0.071 χ^2/NDF : 594496.3/22

In: 294.417+/-0.105 χ^2/NDF : 252085.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 297.142+/-0.071 χ^2/NDF : 594496.3/22

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: -484.218+/-149.259 χ^2/NDF : 77.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

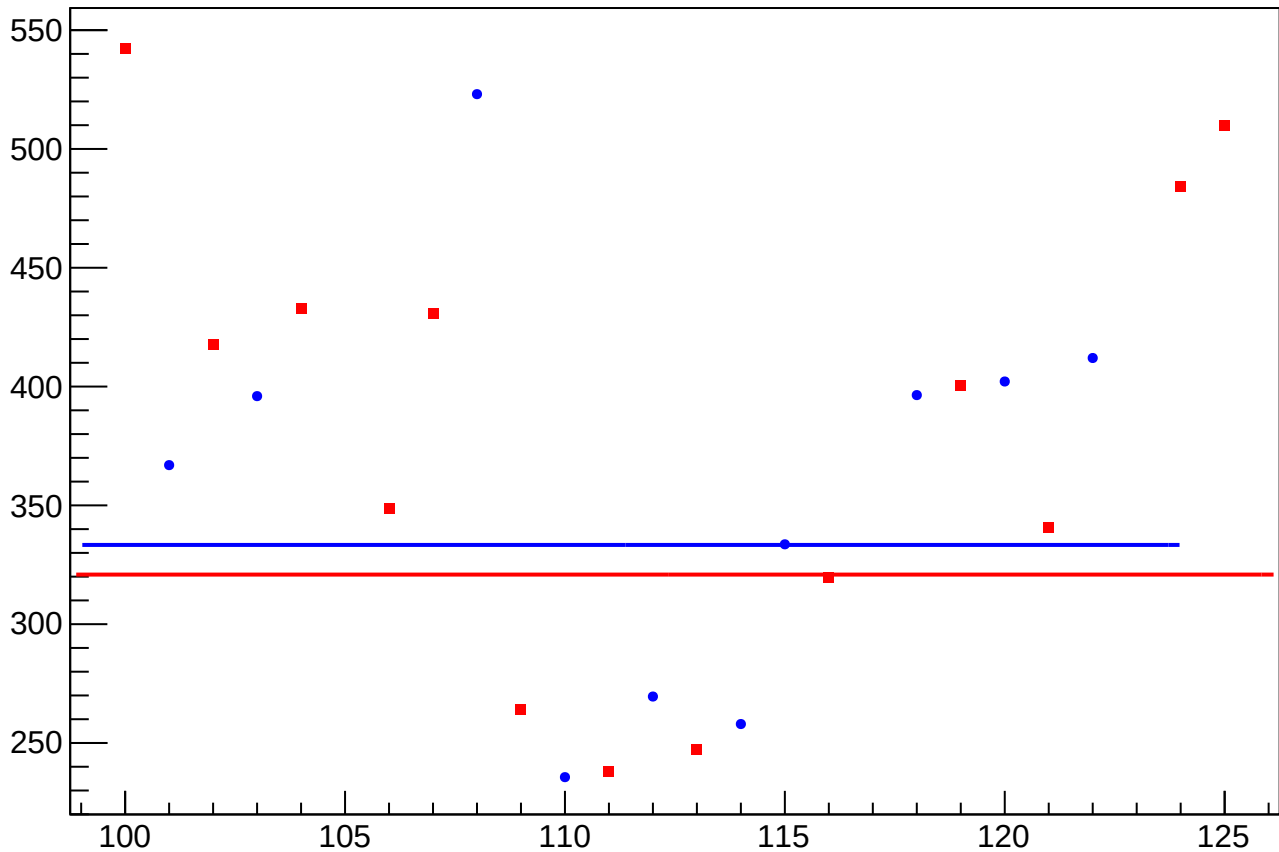
Right: -386.949+/-112.327 χ^2/NDF : 124.4/22

In: -259.914+/-170.576 χ^2/NDF : 45.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -386.949+/-112.327 χ^2/NDF : 124.4/22

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 333.352 $\pm$ 0.121 χ^2 /NDF: 422020.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 320.870 $\pm$ 0.106 χ^2 /NDF: 607123.9/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

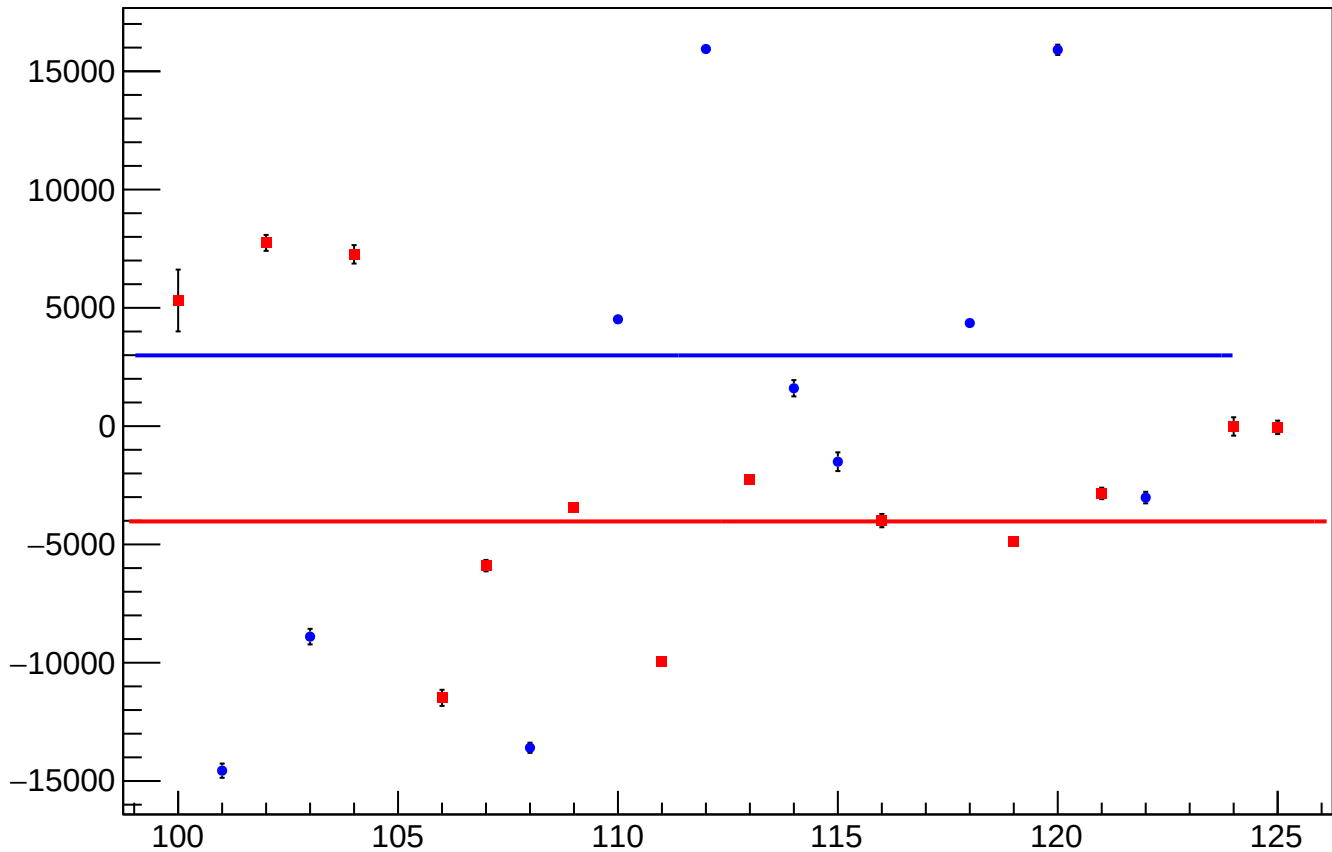
Right: 326.283 $\pm$ 0.079 χ^2 /NDF: 1035208.9/22

In: 333.352 $\pm$ 0.121 χ^2 /NDF:422020.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 326.283 $\pm$ 0.079 χ^2 /NDF: 1035208.9/22

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: -4027.445+/-64.417 χ^2/NDF : 4591.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

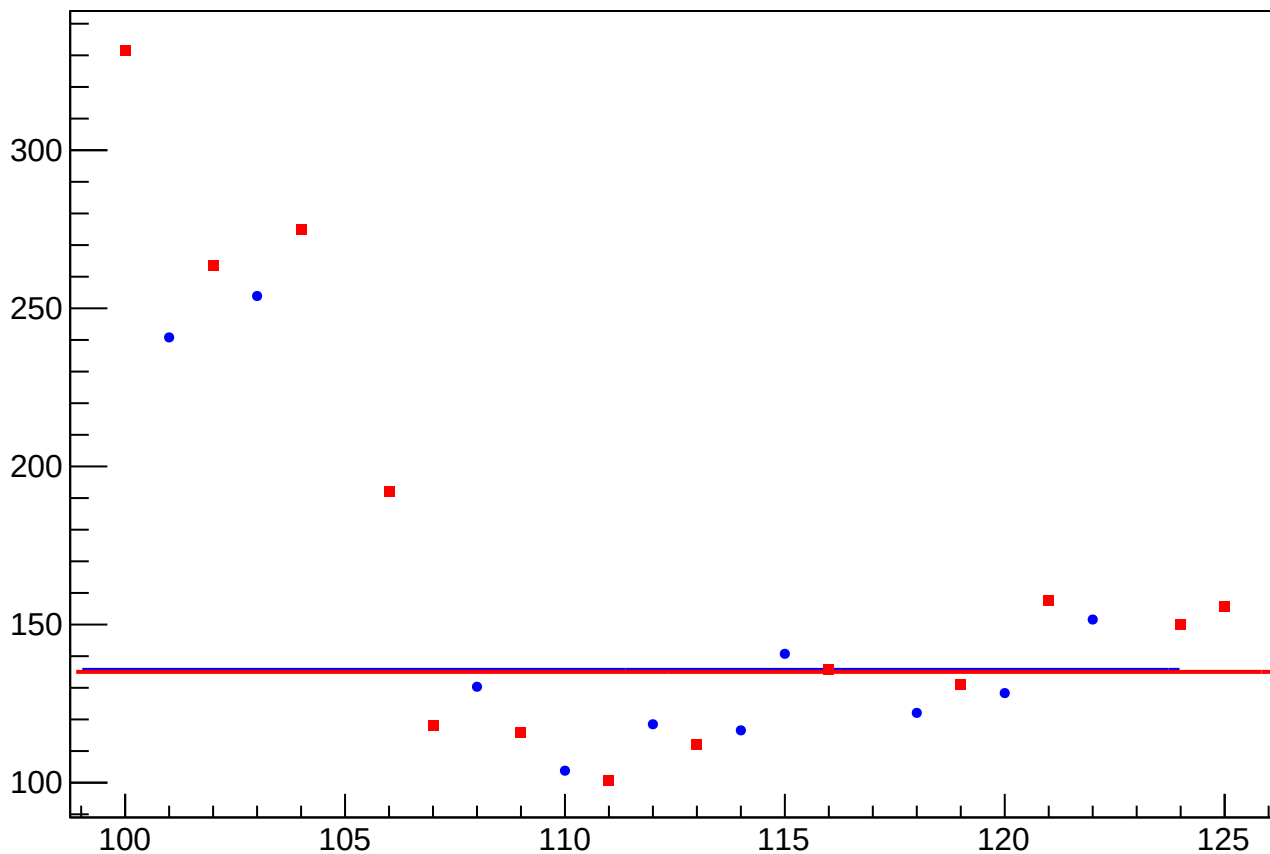
Right: -872.979+/-47.795 χ^2/NDF : 30580.4/22

In: 2990.389+/-71.288 χ^2/NDF : 20654.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -872.979+/-47.795 χ^2/NDF : 30580.4/22

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 135.672+/-0.050 χ^2/NDF : 620356.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.041+/-0.046 χ^2/NDF : 857264.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

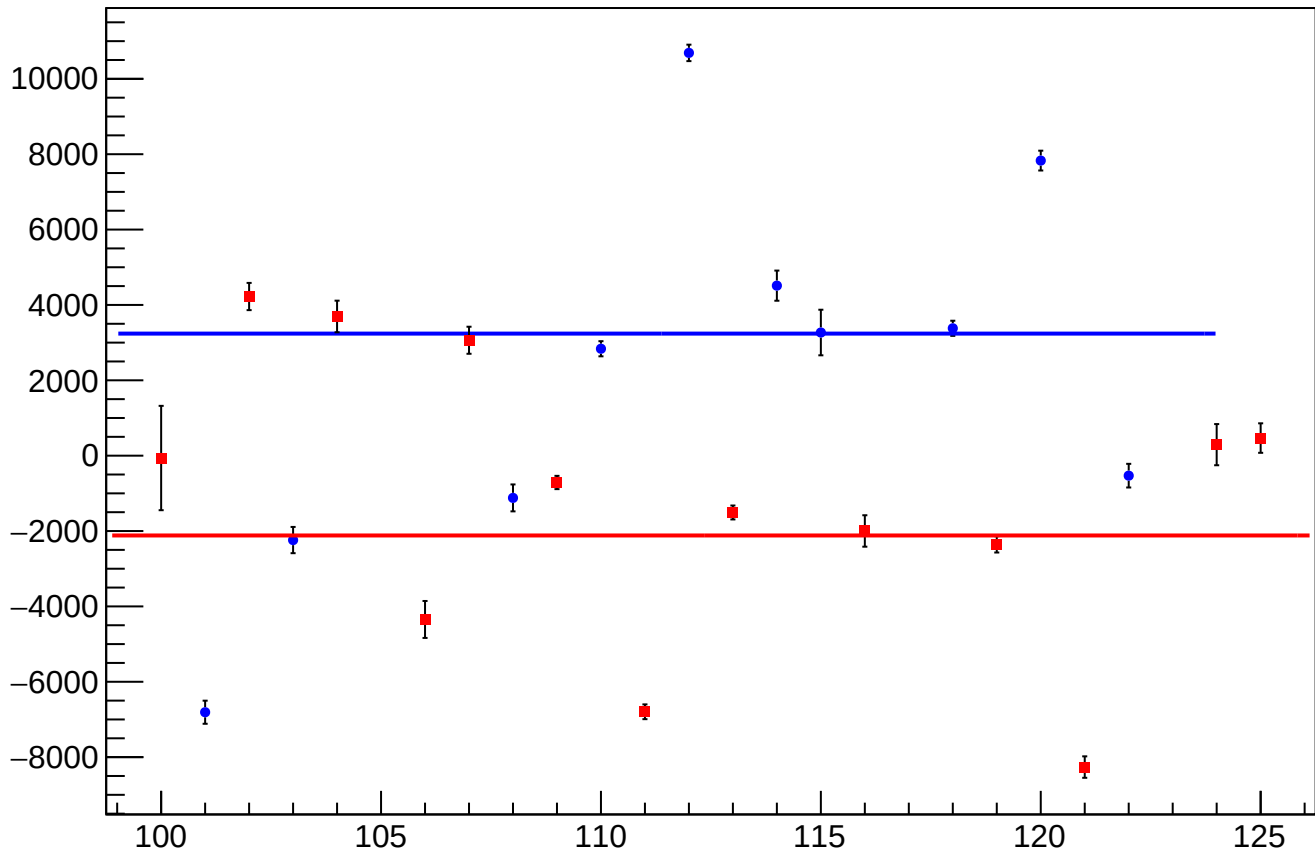
Right: 135.324+/-0.034 χ^2/NDF : 1477707.4/22

In: 135.672+/-0.050 χ^2/NDF : 620356.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.324+/-0.034 χ^2/NDF : 1477707.4/22

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: -2117.531+/-78.389 χ^2/NDF : 1906.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

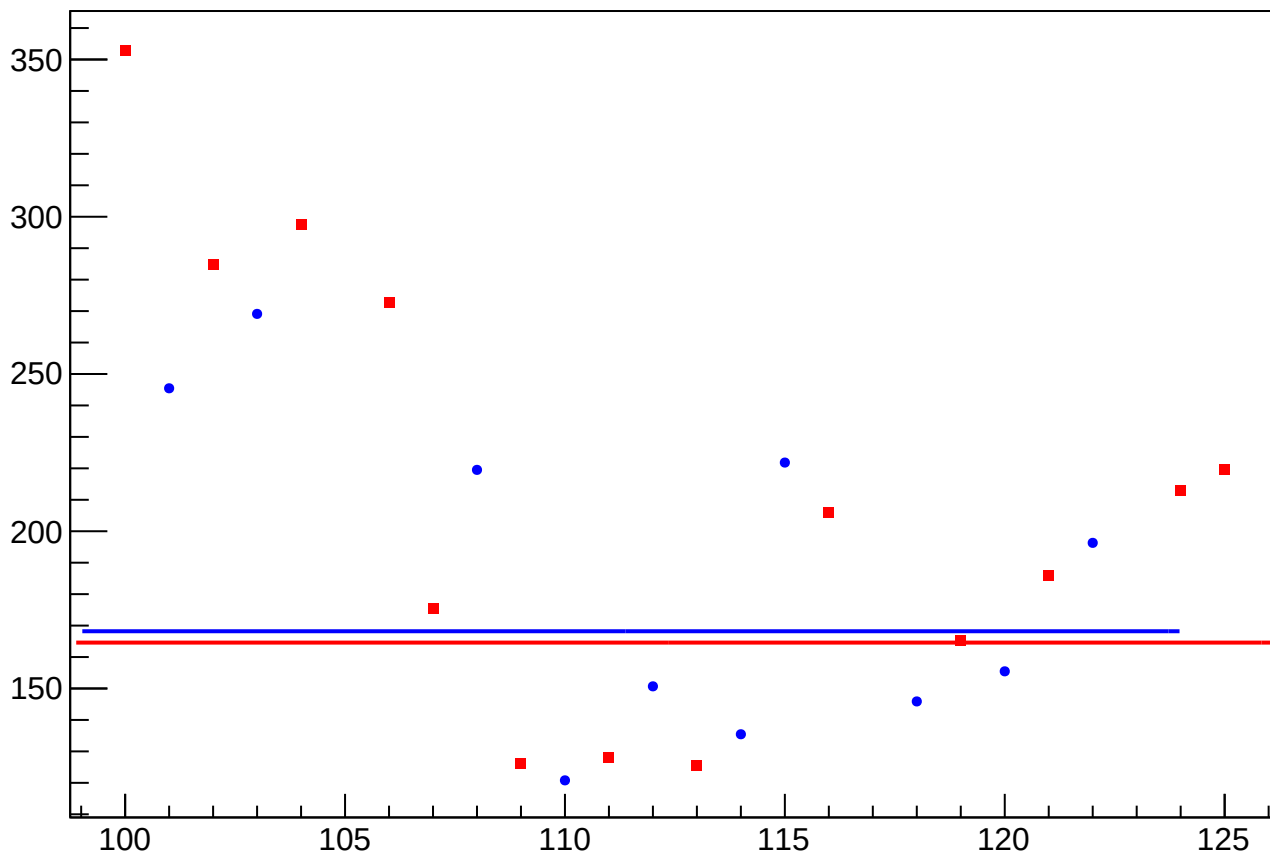
Right: 271.520+/-58.347 χ^2/NDF : 7090.2/22

In: 3239.415+/-87.371 χ^2/NDF :3101.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 271.520+/-58.347 χ^2/NDF : 7090.2/22

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 168.202 $\pm$ 0.062 χ^2 /NDF: 535265.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 164.593 $\pm$ 0.055 χ^2 /NDF: 900981.6/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

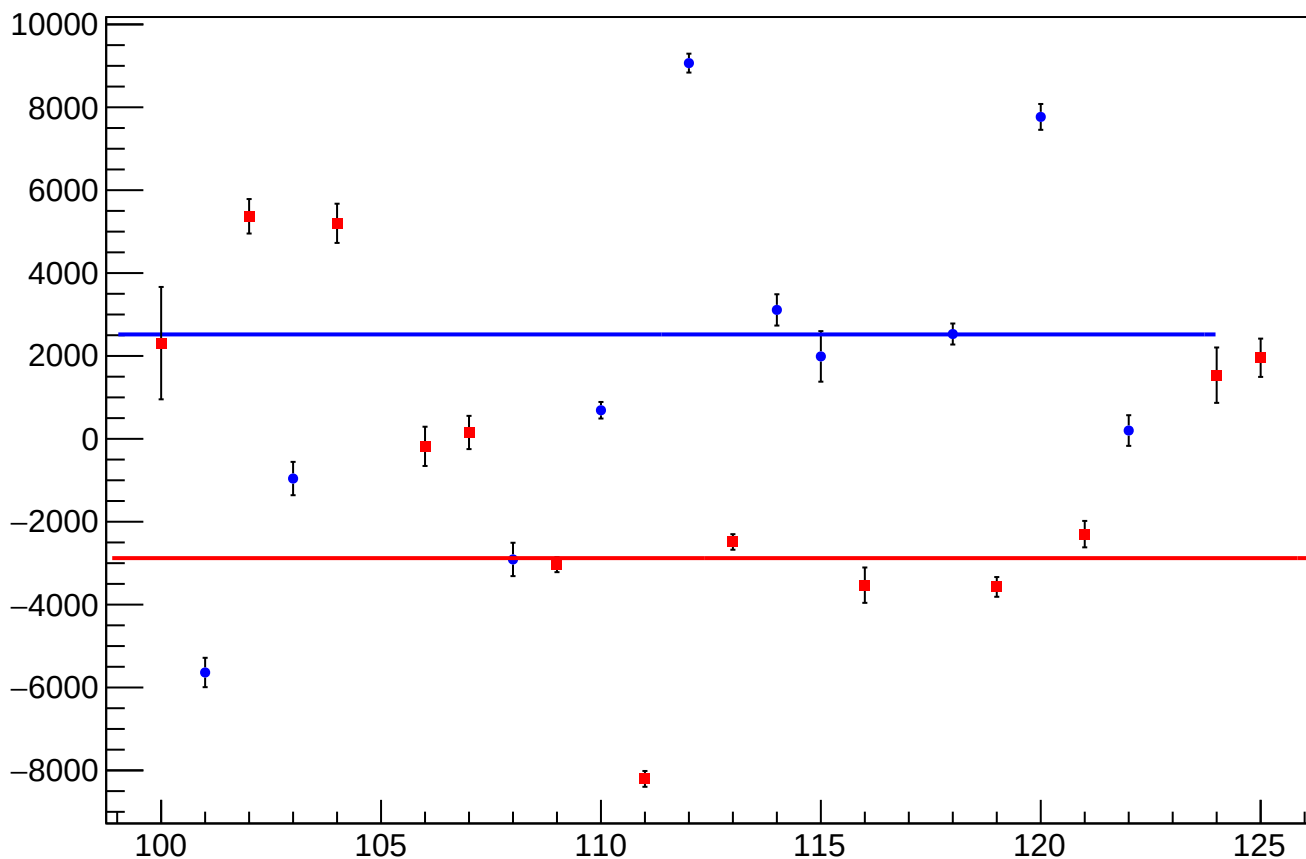
Right: 166.203 $\pm$ 0.041 χ^2 /NDF: 1438138.2/22

In: 168.202 $\pm$ 0.062 χ^2 /NDF:535265.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 166.203 $\pm$ 0.041 χ^2 /NDF: 1438138.2/22

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: -2878.248+/-82.221 χ^2/NDF : 1739.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

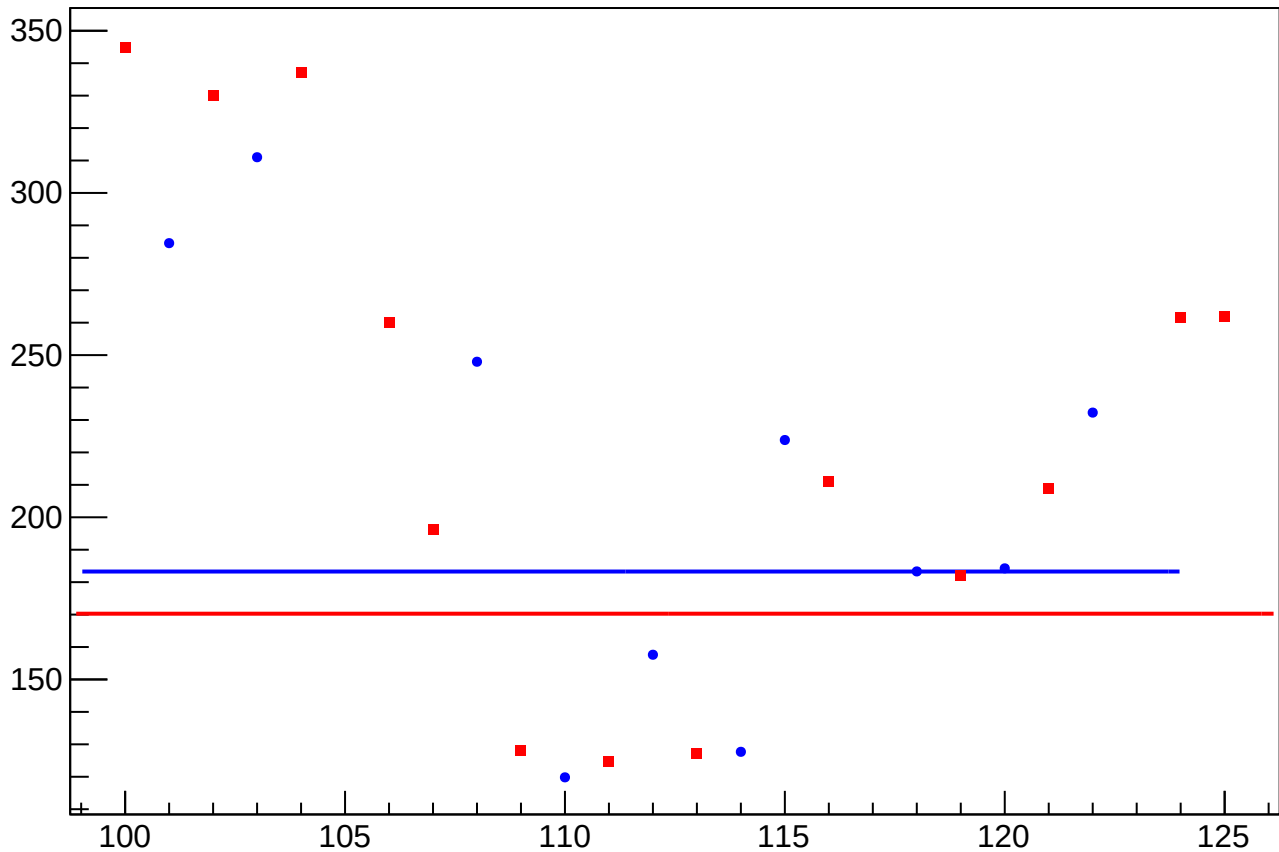
Right: -606.882+/-62.574 χ^2/NDF : 5574.8/22

In: 2519.373+/-96.460 χ^2/NDF :2021.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -606.882+/-62.574 χ^2/NDF : 5574.8/22

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: 170.274+/-0.058 χ^2/NDF : 1155043.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

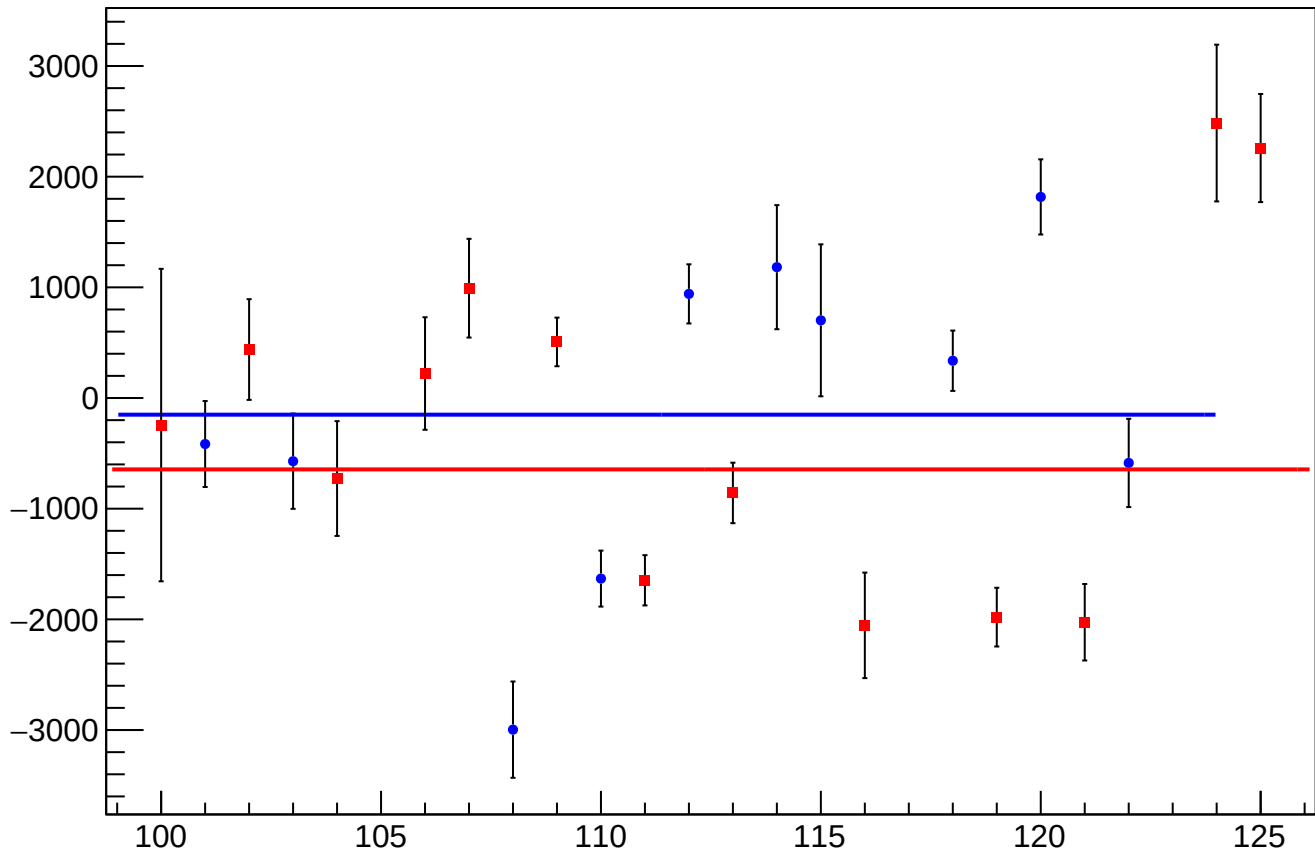
Right: 175.746+/-0.044 χ^2/NDF : 1907247.7/22

In: 183.277+/-0.068 χ^2/NDF : 731157.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.746+/-0.044 χ^2/NDF : 1907247.7/22

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -150.576 ± 111.329 $\chi^2/\text{NDF}: 140.4/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -645.039 ± 97.776 $\chi^2/\text{NDF}: 174.6/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

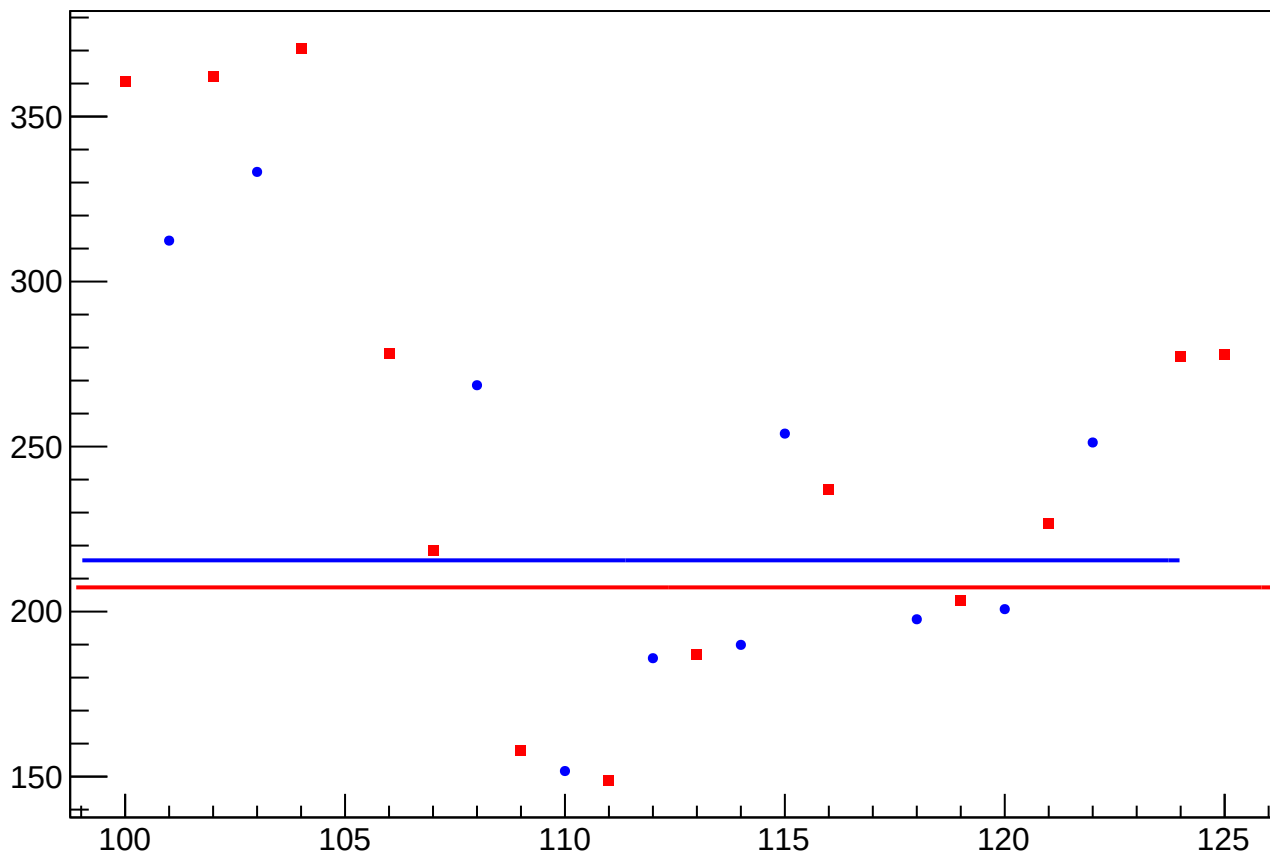
Right: -429.723 ± 73.465 $\chi^2/\text{NDF}: 326.1/22$

In: -150.576 ± 111.329 $\chi^2/\text{NDF}: 140.4/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -429.723 ± 73.465 $\chi^2/\text{NDF}: 326.1/22$

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: 207.336+/-0.069 χ^2/NDF : 812648.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

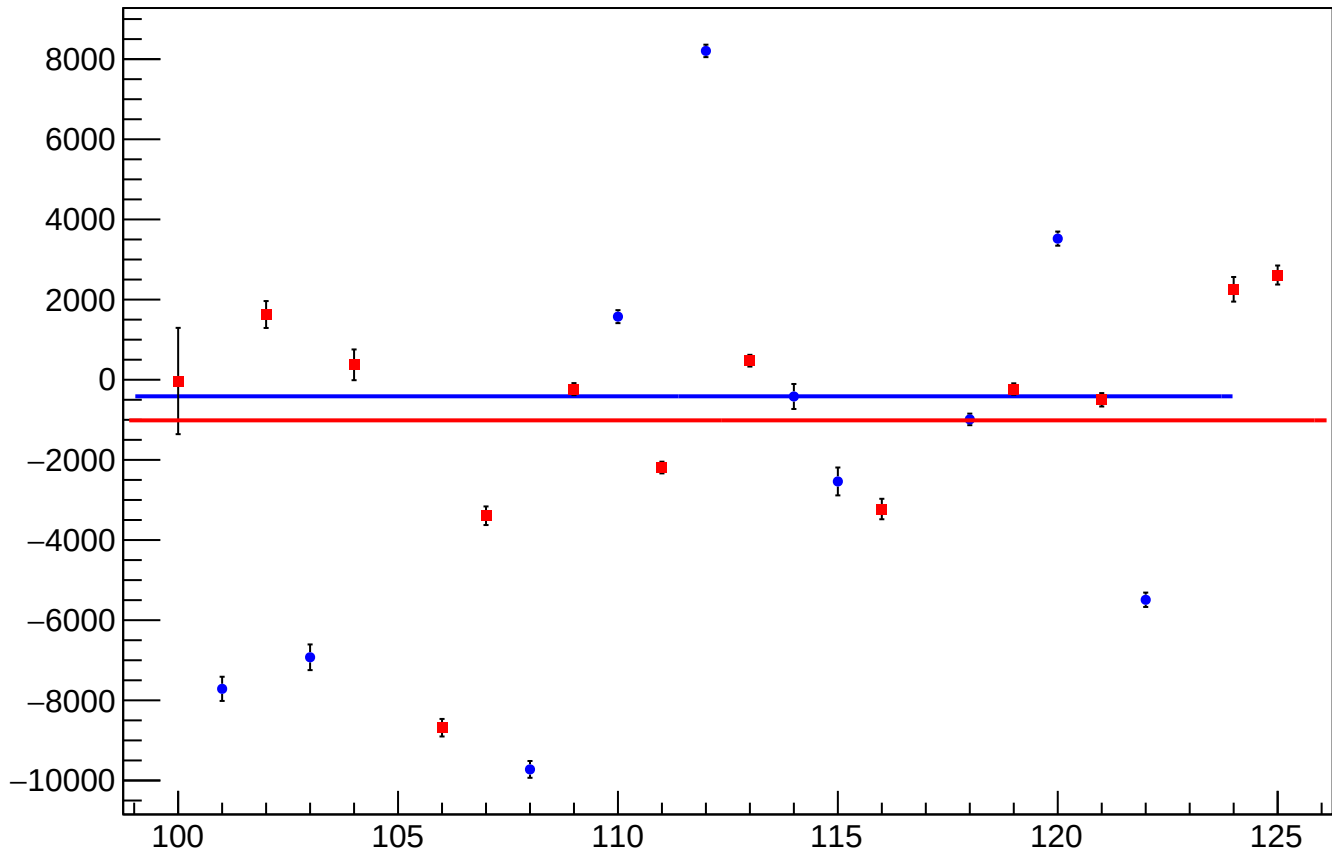
Right: 210.904+/-0.052 χ^2/NDF : 1313370.9/22

In: 215.529+/-0.079 χ^2/NDF : 494606.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 210.904+/-0.052 χ^2/NDF : 1313370.9/22

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: -1013.485+/-55.669 χ^2/NDF : 2065.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

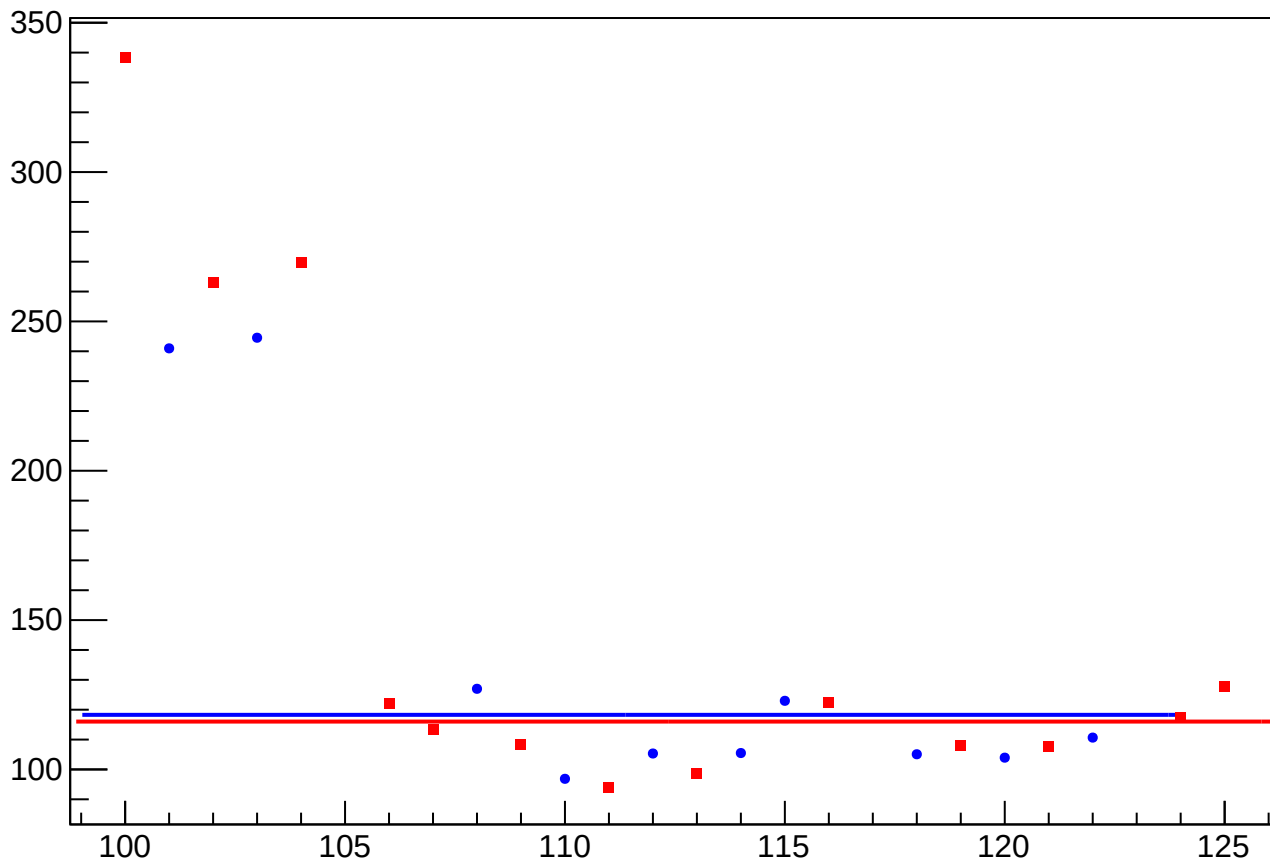
Right: -749.983+/-41.690 χ^2/NDF : 9660.2/22

In: -413.496+/-62.908 χ^2/NDF :7544.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -749.983+/-41.690 χ^2/NDF : 9660.2/22

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: 116.027+/-0.039 χ^2/NDF : 860294.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

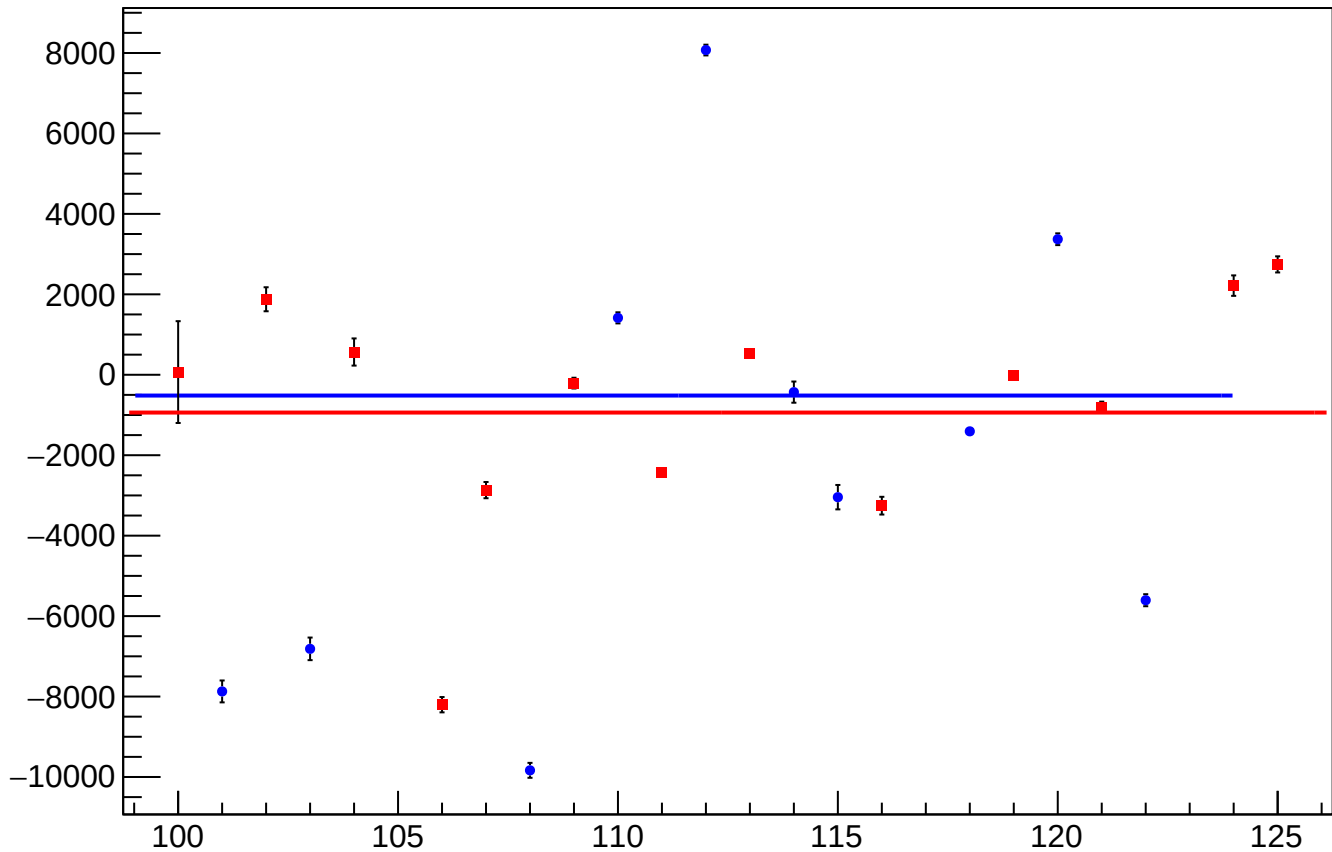
Right: 117.017+/-0.029 χ^2/NDF : 1592209.2/22

In: 118.281+/-0.044 χ^2/NDF : 730474.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.017+/-0.029 χ^2/NDF : 1592209.2/22

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: -516.596+/-53.526 χ^2/NDF : 10073.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -939.382+/-47.437 χ^2/NDF : 2633.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

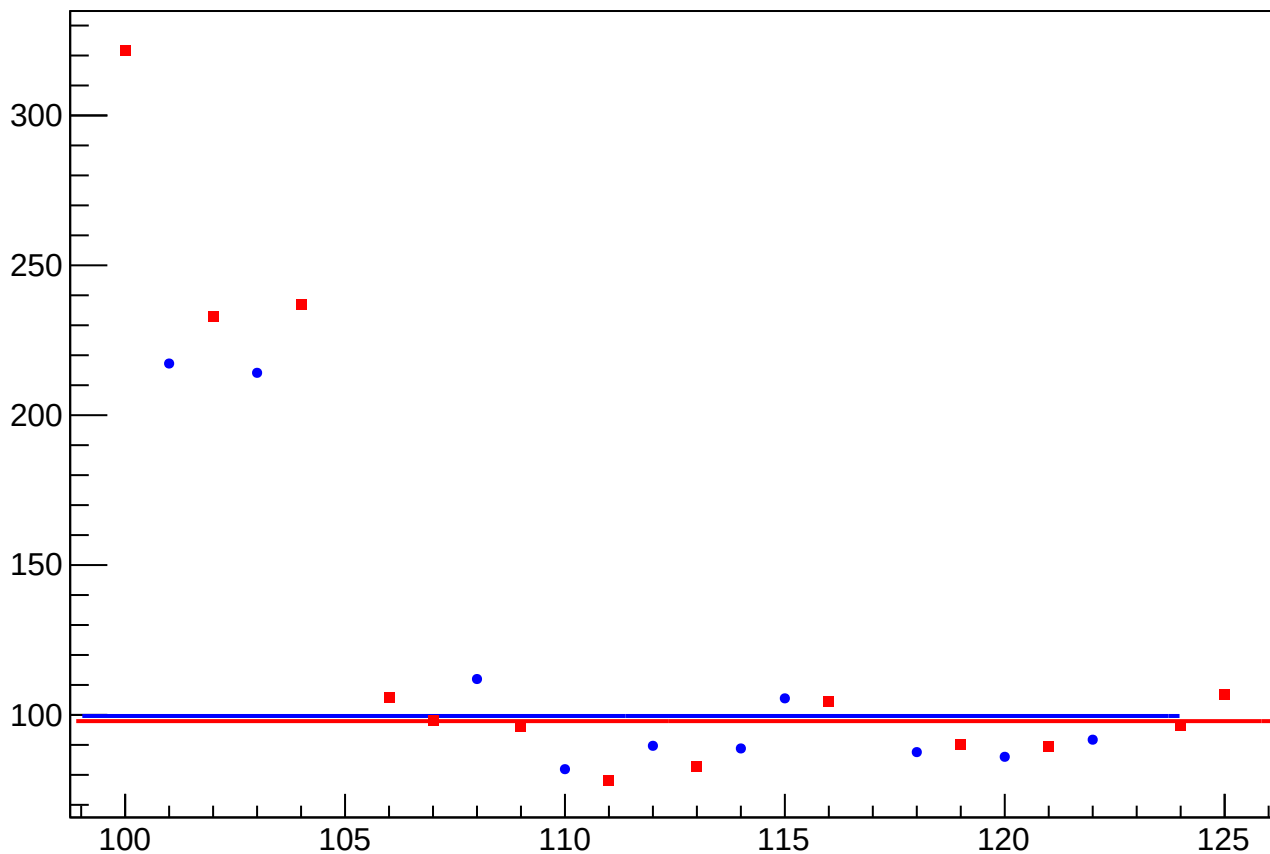
Right: -753.393+/-35.502 χ^2/NDF : 12741.8/22

In: -516.596+/-53.526 χ^2/NDF :10073.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -753.393+/-35.502 χ^2/NDF : 12741.8/22

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: 97.931+/-0.034 χ^2/NDF : 919544.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

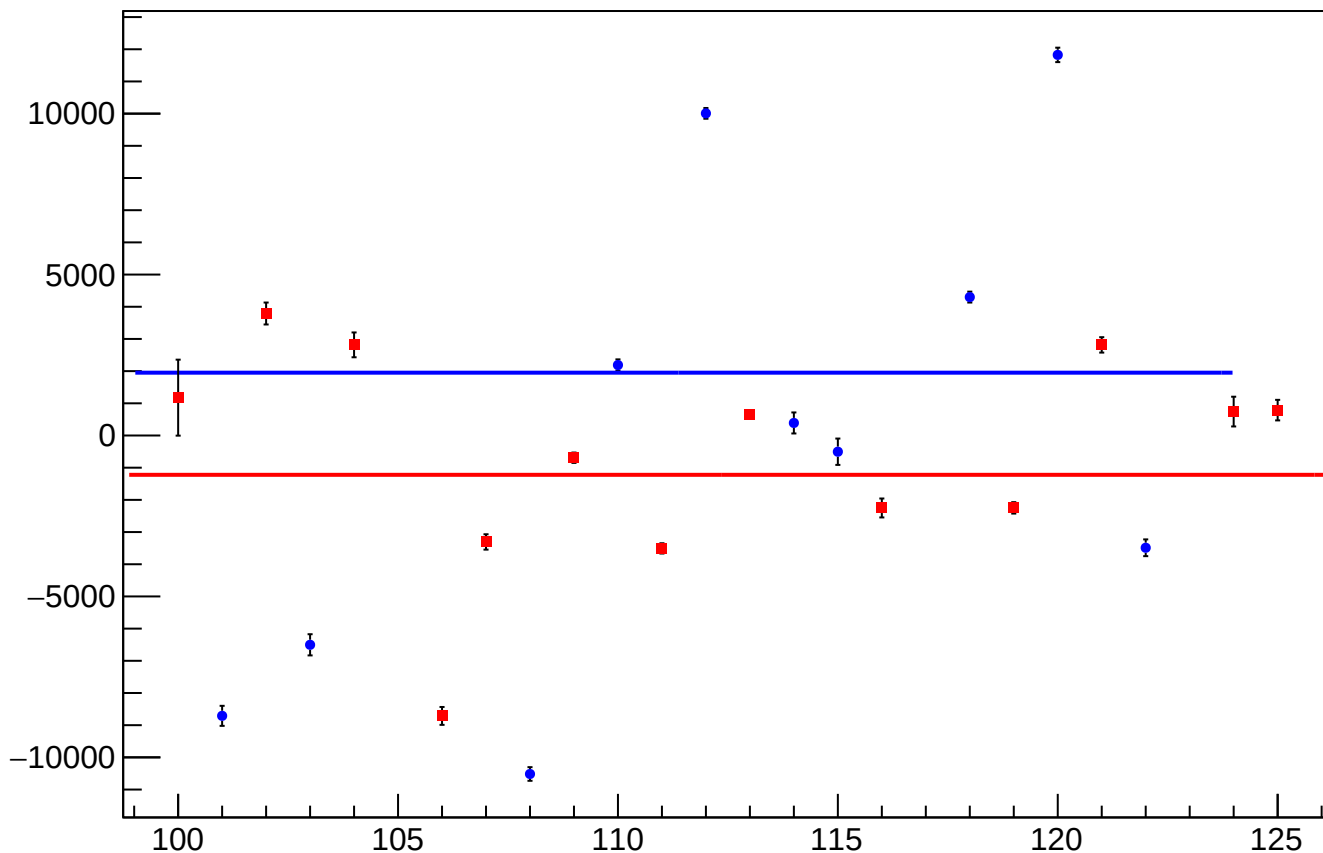
Right: 98.687+/-0.025 χ^2/NDF : 1726539.0/22

In: 99.648+/-0.038 χ^2/NDF : 805841.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.687+/-0.025 χ^2/NDF : 1726539.0/22

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: -1221.610+/-64.431 χ^2/NDF : 1883.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

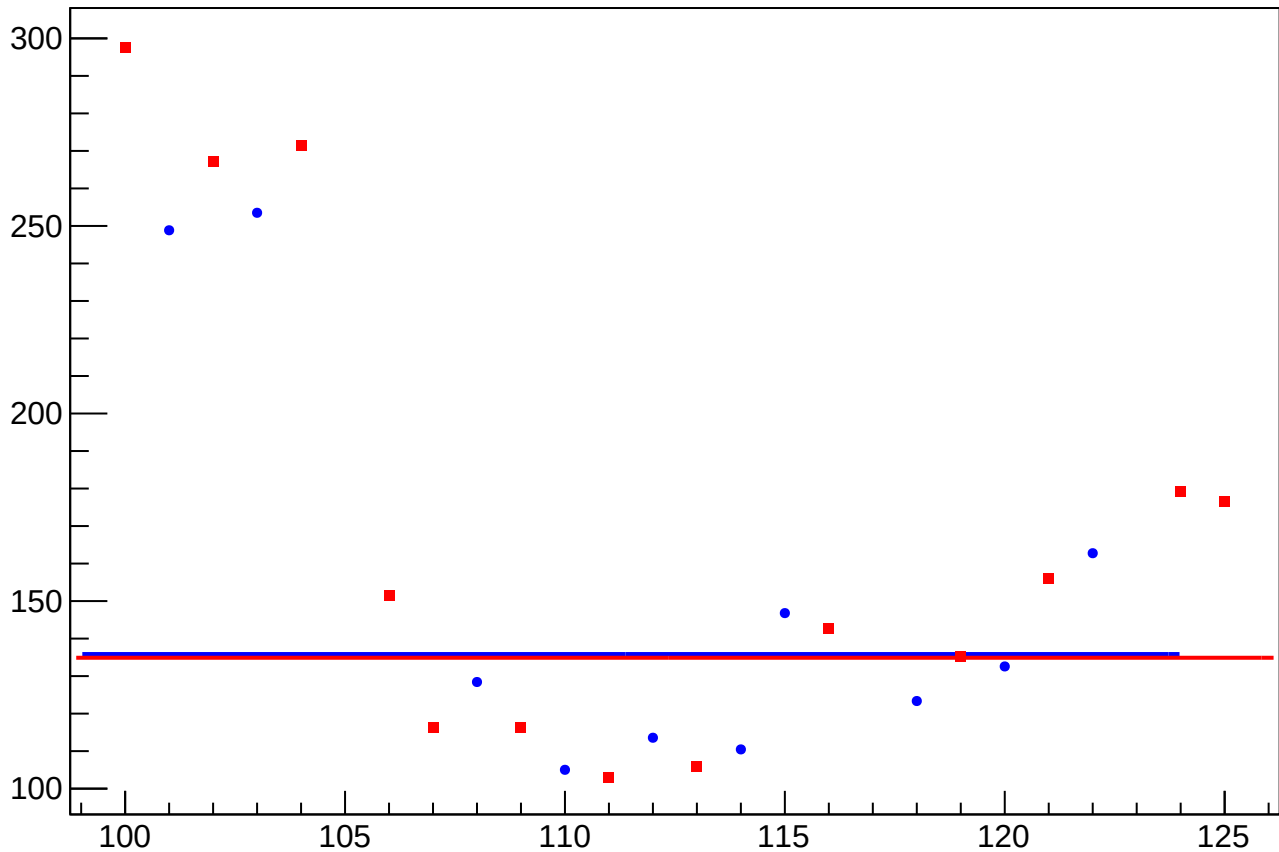
Right: 198.873+/-47.888 χ^2/NDF : 13225.1/22

In: 1951.935+/-71.578 χ^2/NDF : 10255.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 198.873+/-47.888 χ^2/NDF : 13225.1/22

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 135.882+/-0.051 χ^2/NDF : 664965.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.890+/-0.046 χ^2/NDF : 853143.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

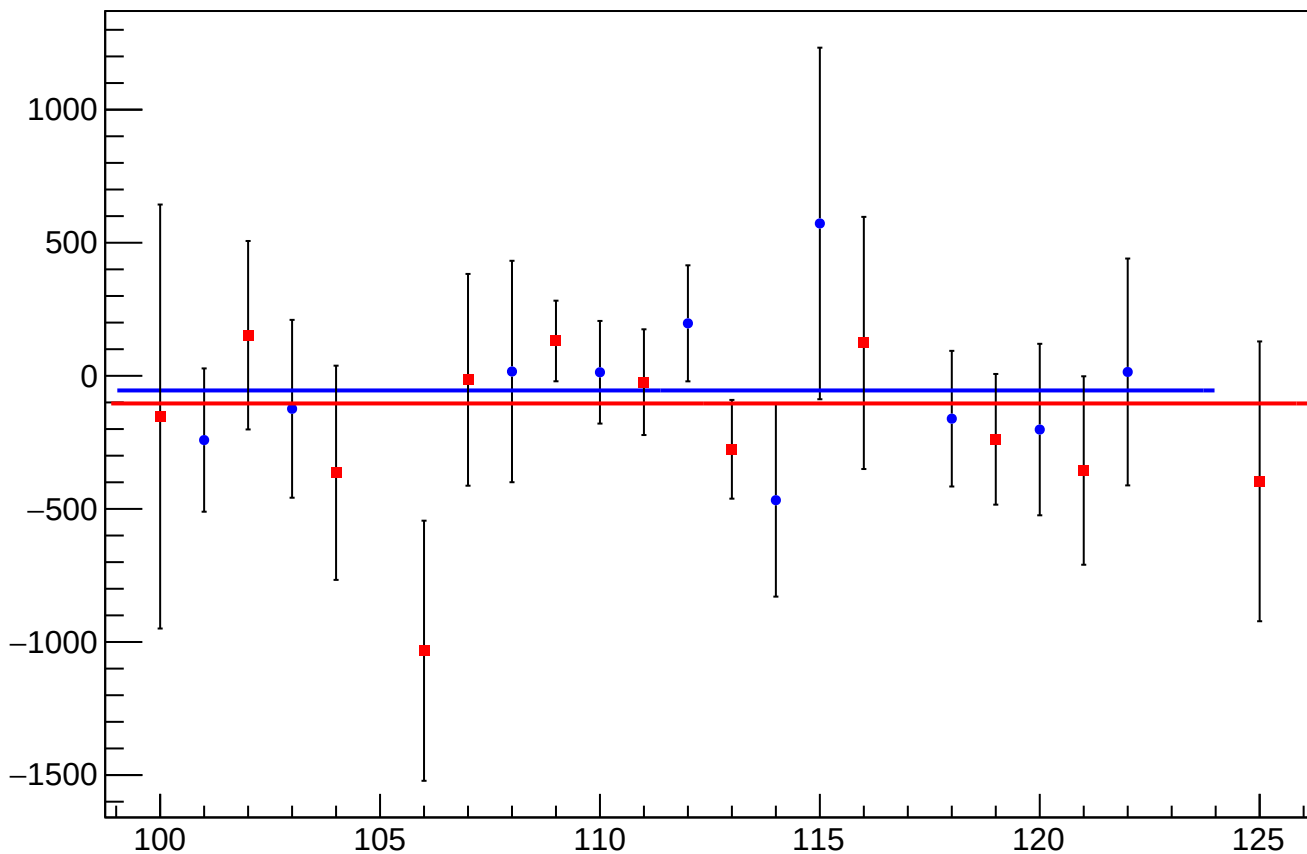
Right: 135.334+/-0.034 χ^2/NDF : 1518321.2/22

In: 135.882+/-0.051 χ^2/NDF : 664965.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.334+/-0.034 χ^2/NDF : 1518321.2/22

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: -103.821 ± 79.832 χ^2/NDF : 9.4/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

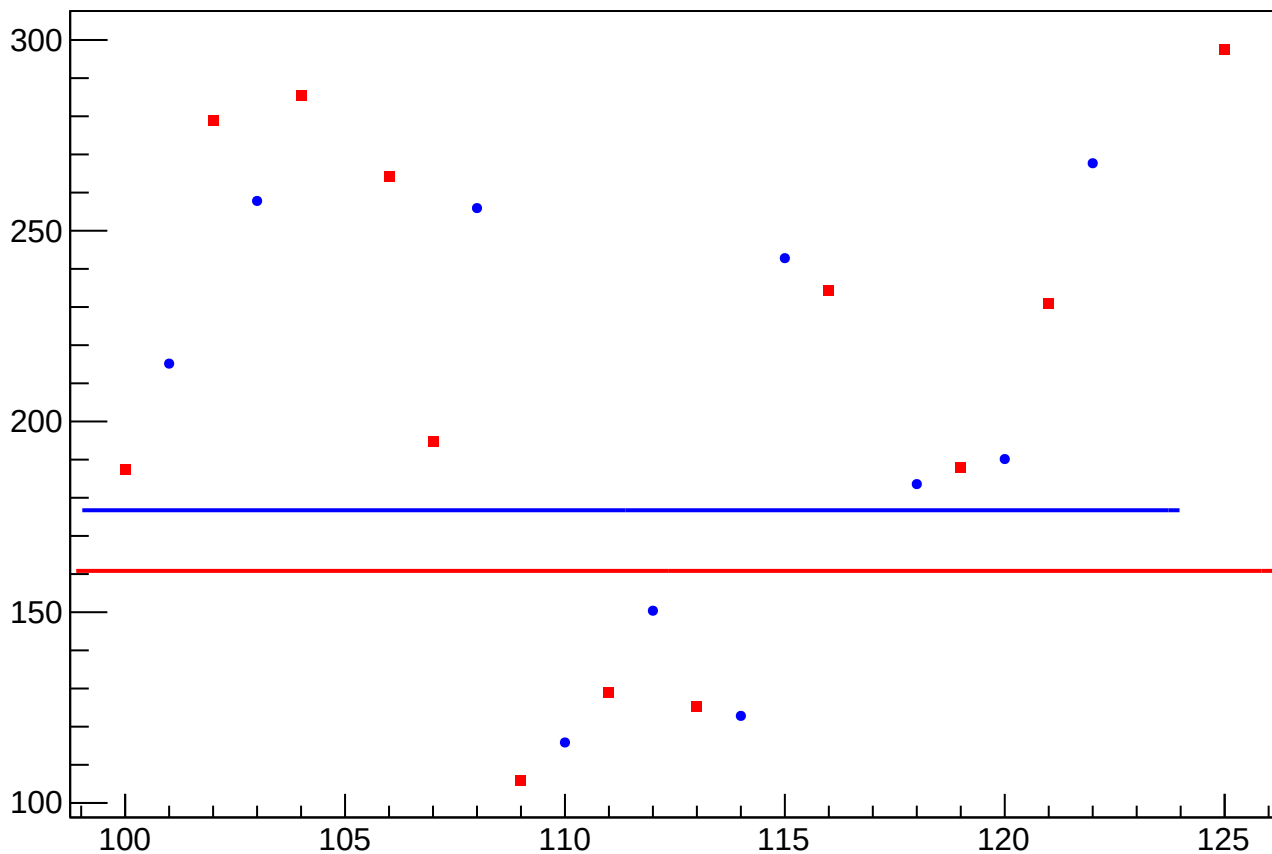
Right: -82.951 ± 60.430 χ^2/NDF : 14.2/21

In: -54.947 ± 92.478 χ^2/NDF : 4.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -82.951 ± 60.430 χ^2/NDF : 14.2/21

asym_bcm_2an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 176.729 $\pm$ 0.065 χ^2 /NDF: 619903.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 160.837 $\pm$ 0.056 χ^2 /NDF: 1194963.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

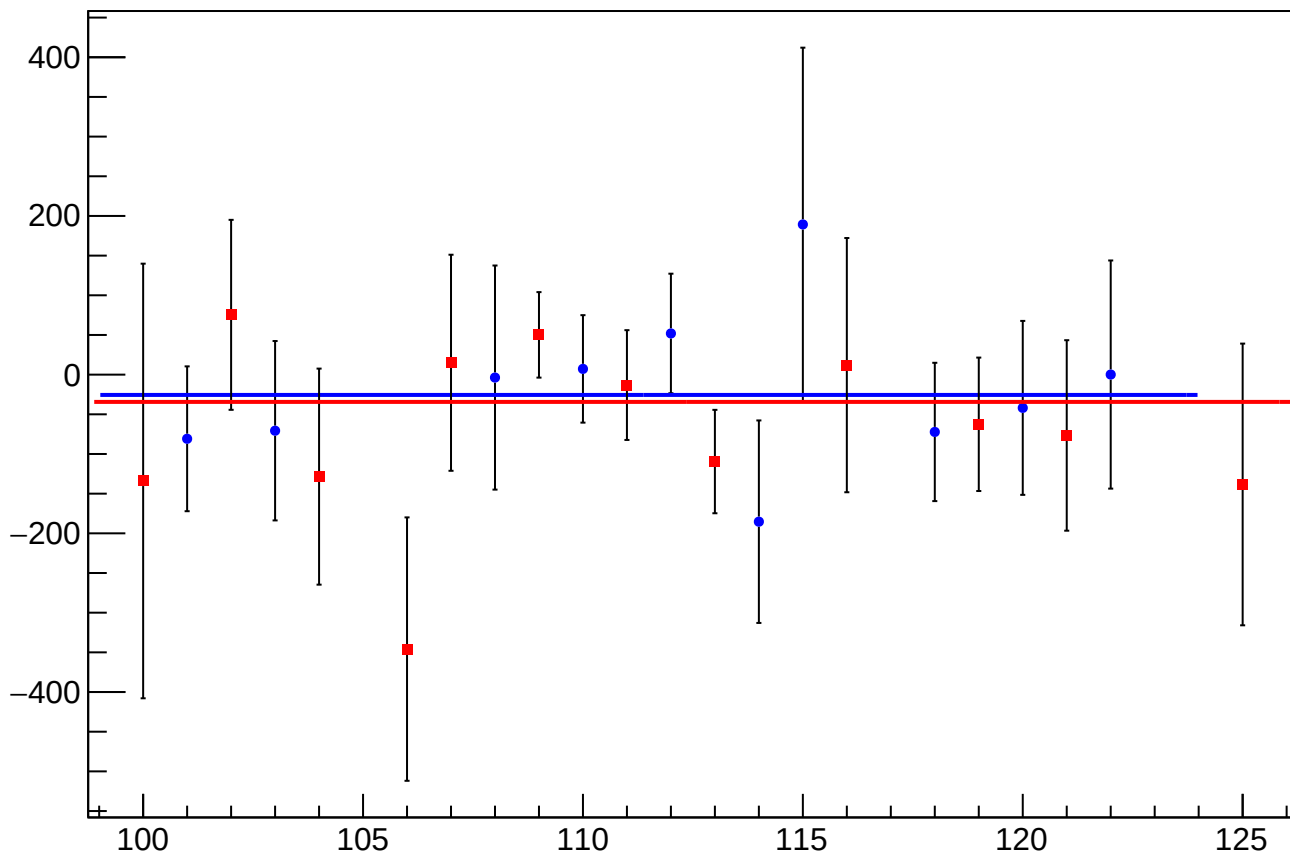
Right: 167.623 $\pm$ 0.043 χ^2 /NDF: 1848708.1/21

In: 176.729 $\pm$ 0.065 χ^2 /NDF:619903.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 167.623 $\pm$ 0.043 χ^2 /NDF: 1848708.1/21

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: -34.357 ± 27.758 χ^2/NDF : 9.7/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

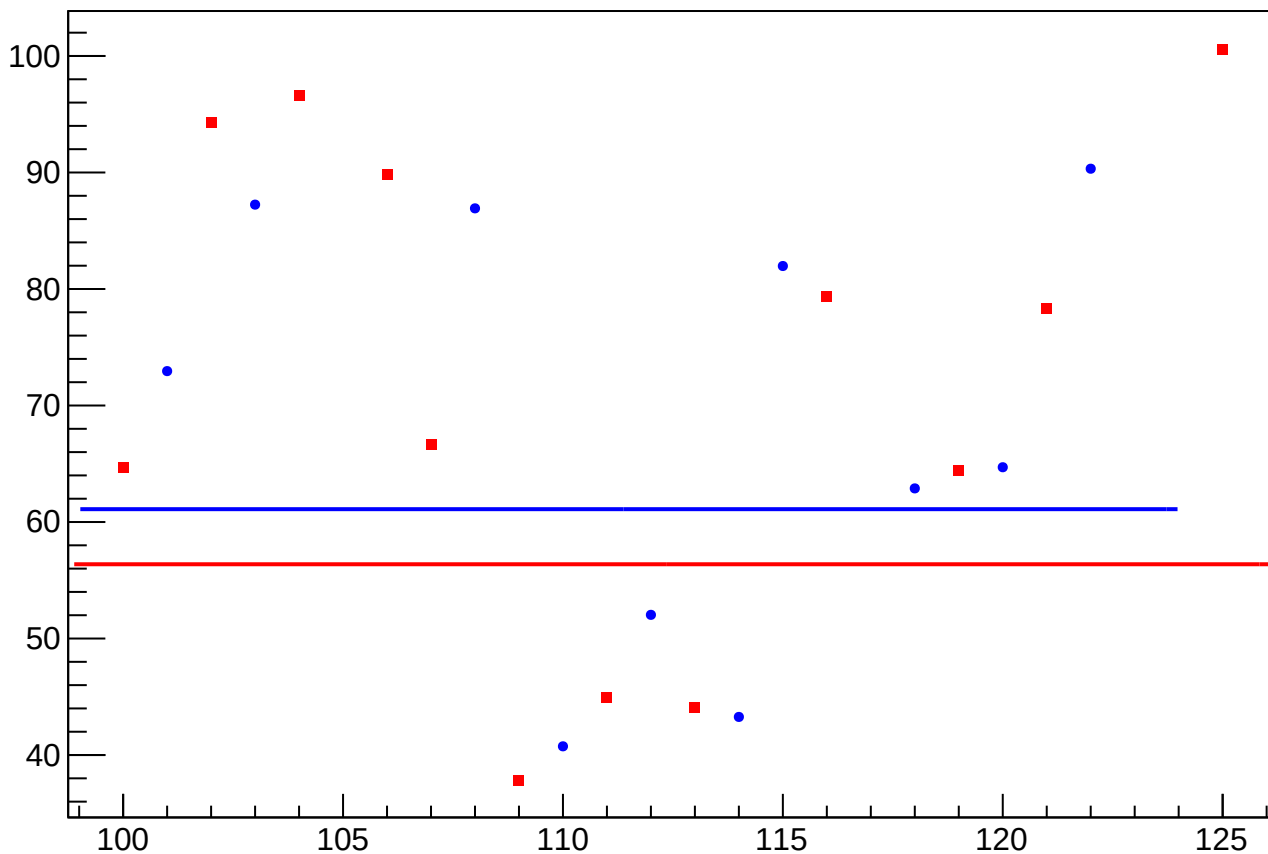
Right: -30.561 ± 20.918 χ^2/NDF : 14.4/21

In: -25.571 ± 31.821 χ^2/NDF : 4.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -30.561 ± 20.918 χ^2/NDF : 14.4/21

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: 56.375+/-0.020 χ^2/NDF : 1083032.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

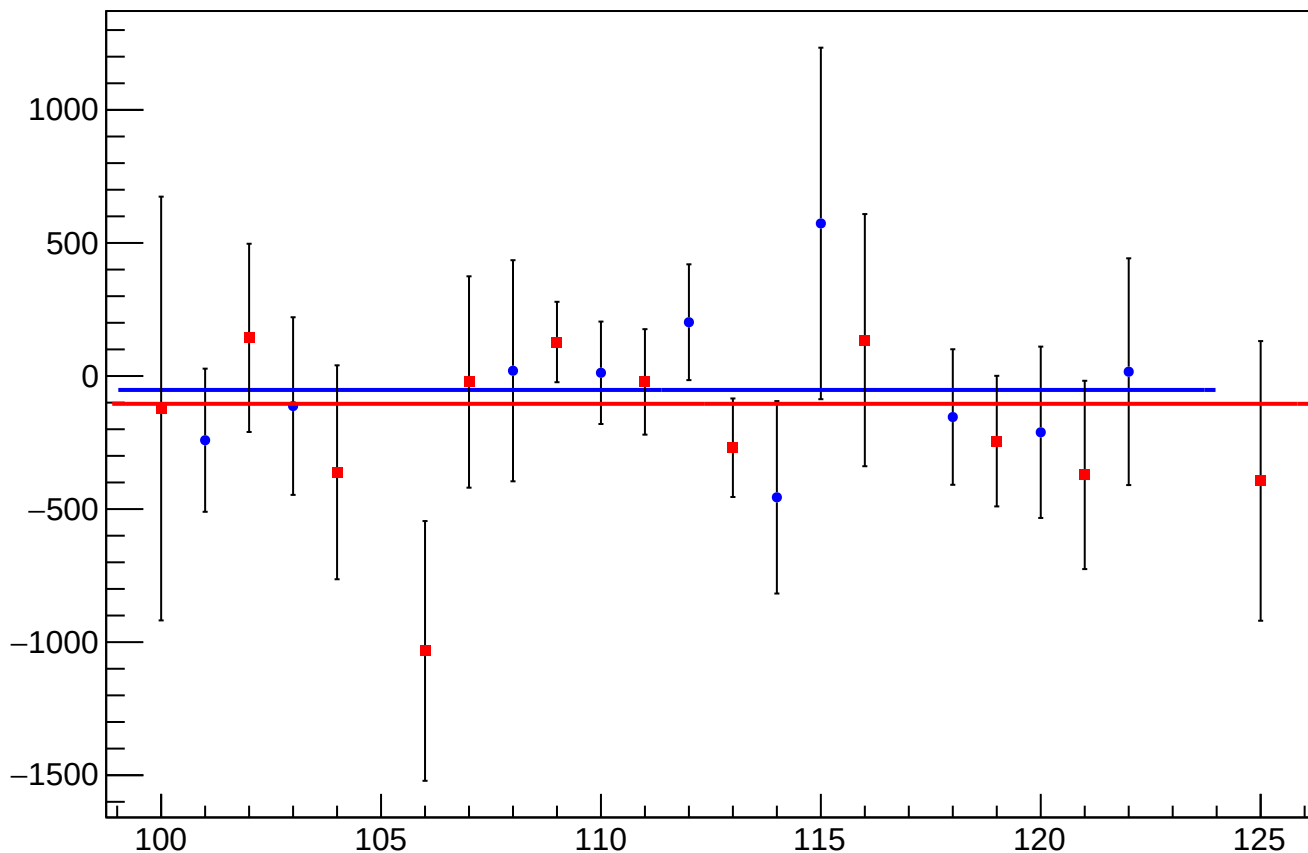
Right: 58.418+/-0.015 χ^2/NDF : 1667494.6/21

In: 61.103+/-0.023 χ^2/NDF : 559389.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.418+/-0.015 χ^2/NDF : 1667494.6/21

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: -104.481+/-79.699 χ^2 /NDF: 9.3/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

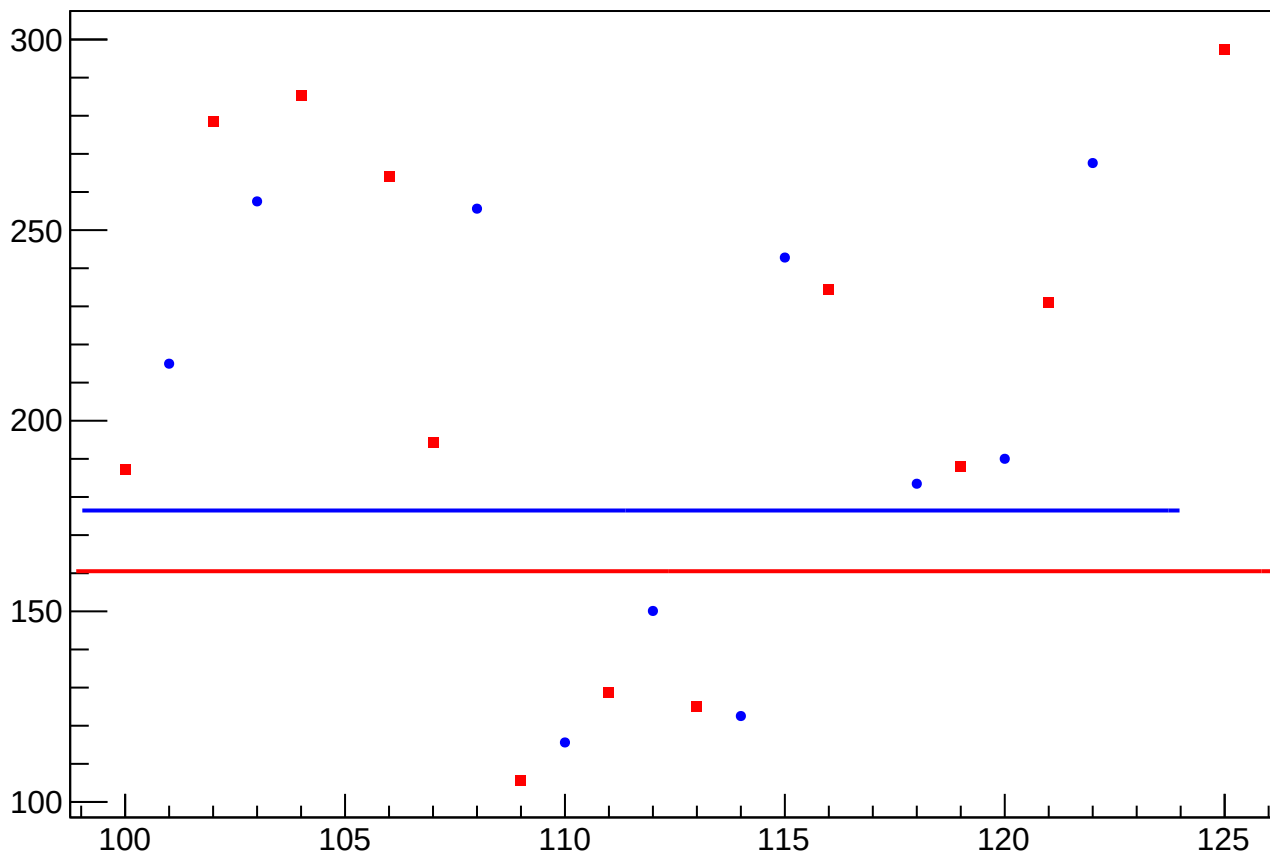
Right: -82.209+/-60.337 χ^2 /NDF: 14.1/21

In: -52.304+/-92.350 χ^2 /NDF:4.6/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -82.209+/-60.337 χ^2 /NDF: 14.1/21

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: 160.528+/-0.056 χ^2/NDF : 1198783.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

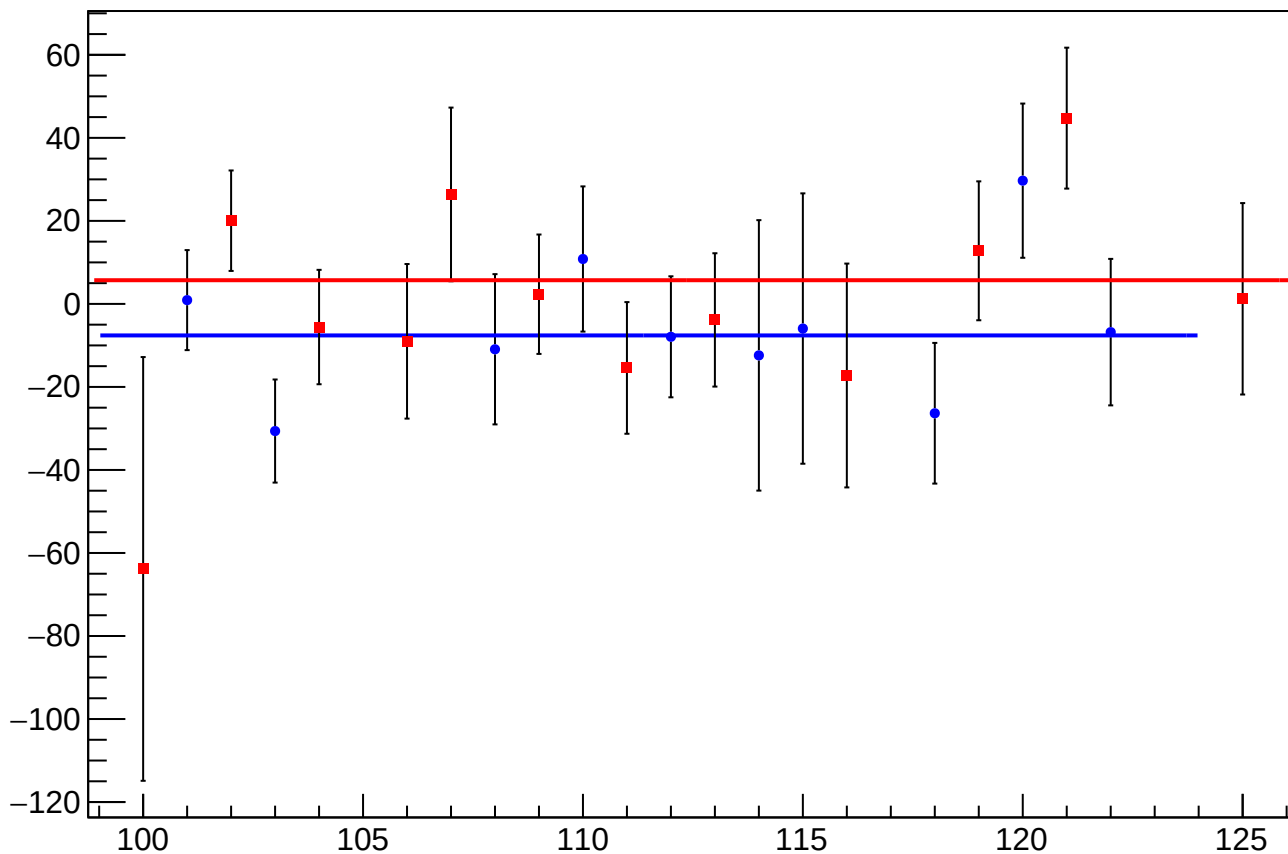
Right: 167.326+/-0.043 χ^2/NDF : 1855149.3/21

In: 176.455+/-0.065 χ^2/NDF : 622273.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.326+/-0.043 χ^2/NDF : 1855149.3/21

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: 5.706+/-4.961 χ^2/NDF : 13.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

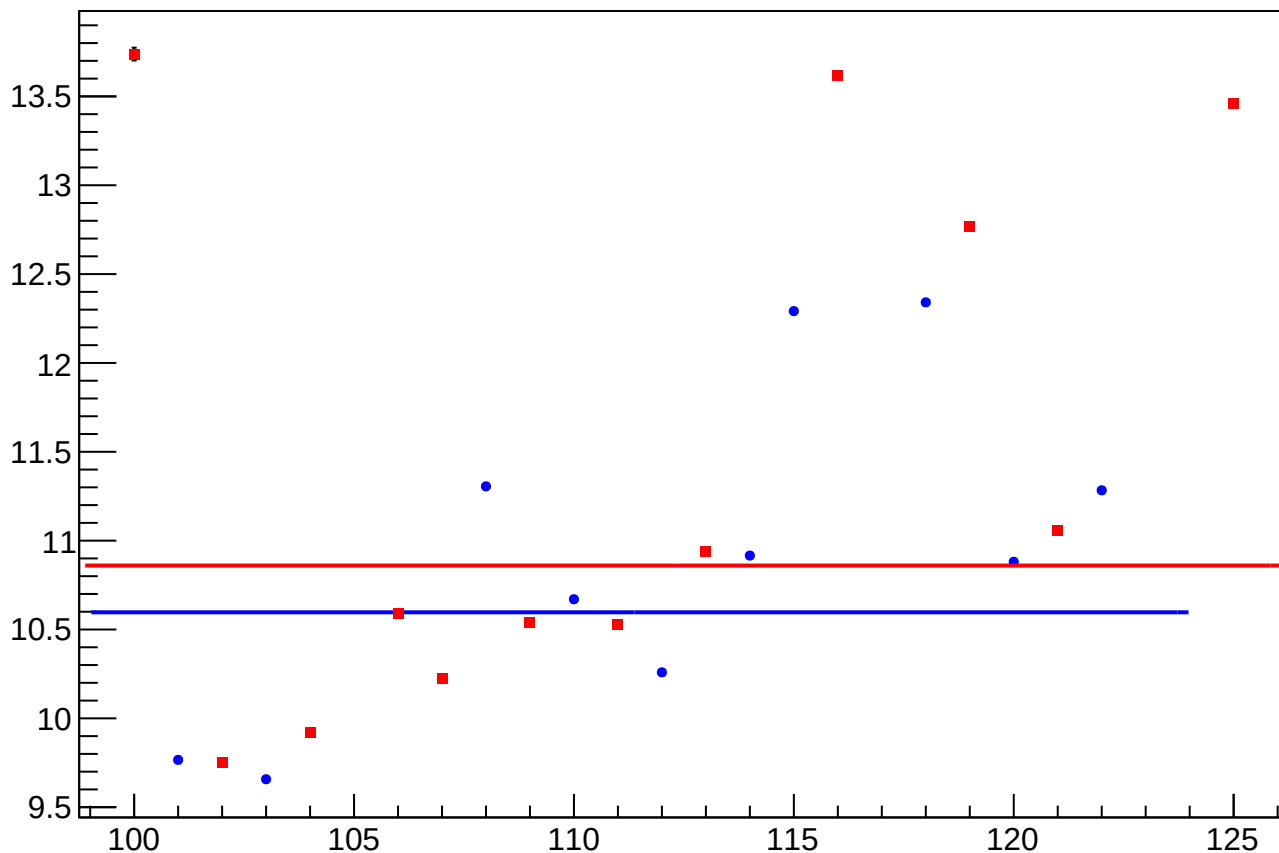
Right: -0.531+/-3.615 χ^2/NDF : 27.7/21

In: -7.593+/-5.279 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.531+/-3.615 χ^2/NDF : 27.7/21

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: 10.860+/-0.004 χ^2/NDF : 109265.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

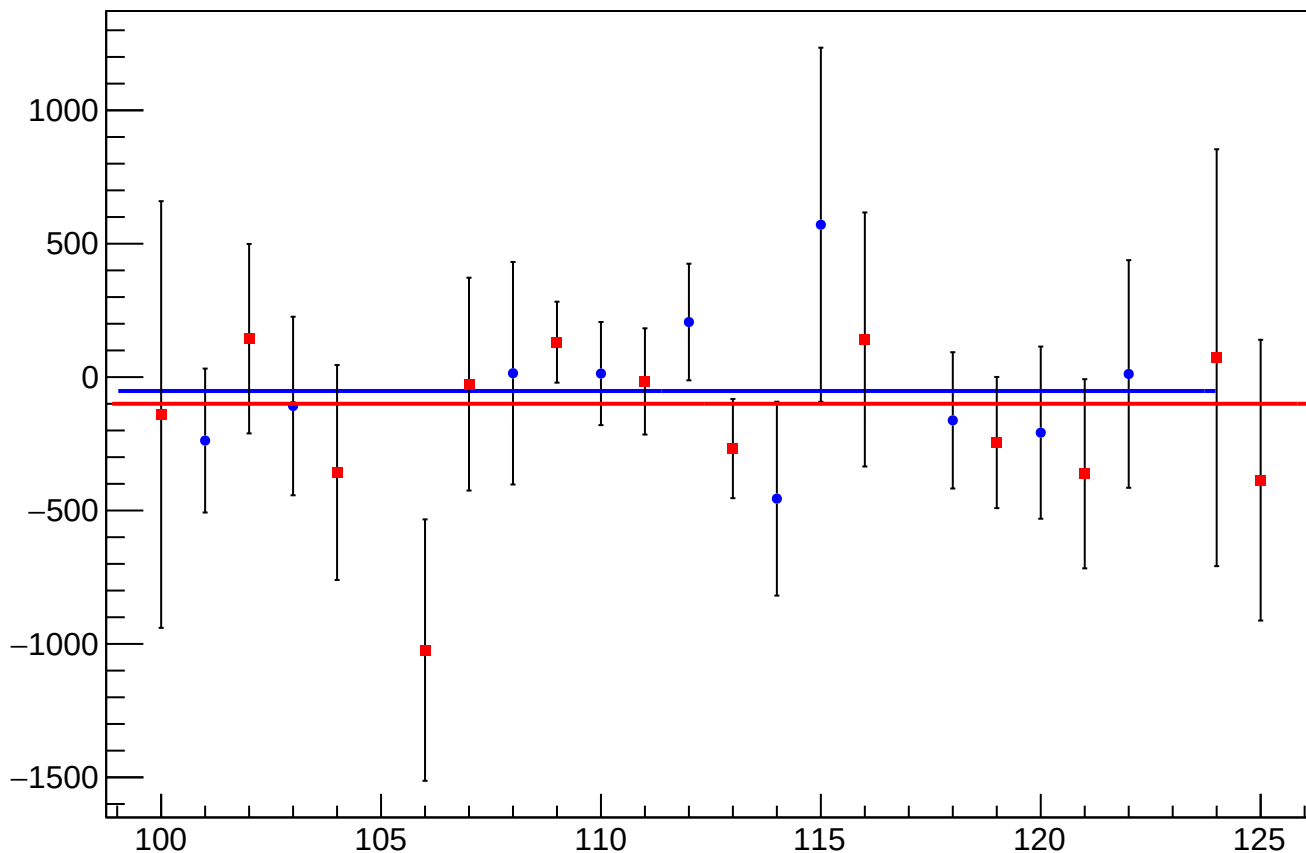
Right: 10.737+/-0.003 χ^2/NDF : 167327.5/21

In: 10.597+/-0.004 χ^2/NDF : 55423.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.737+/-0.003 χ^2/NDF : 167327.5/21

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: -99.862 ± 79.589 χ^2/NDF : 9.3/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

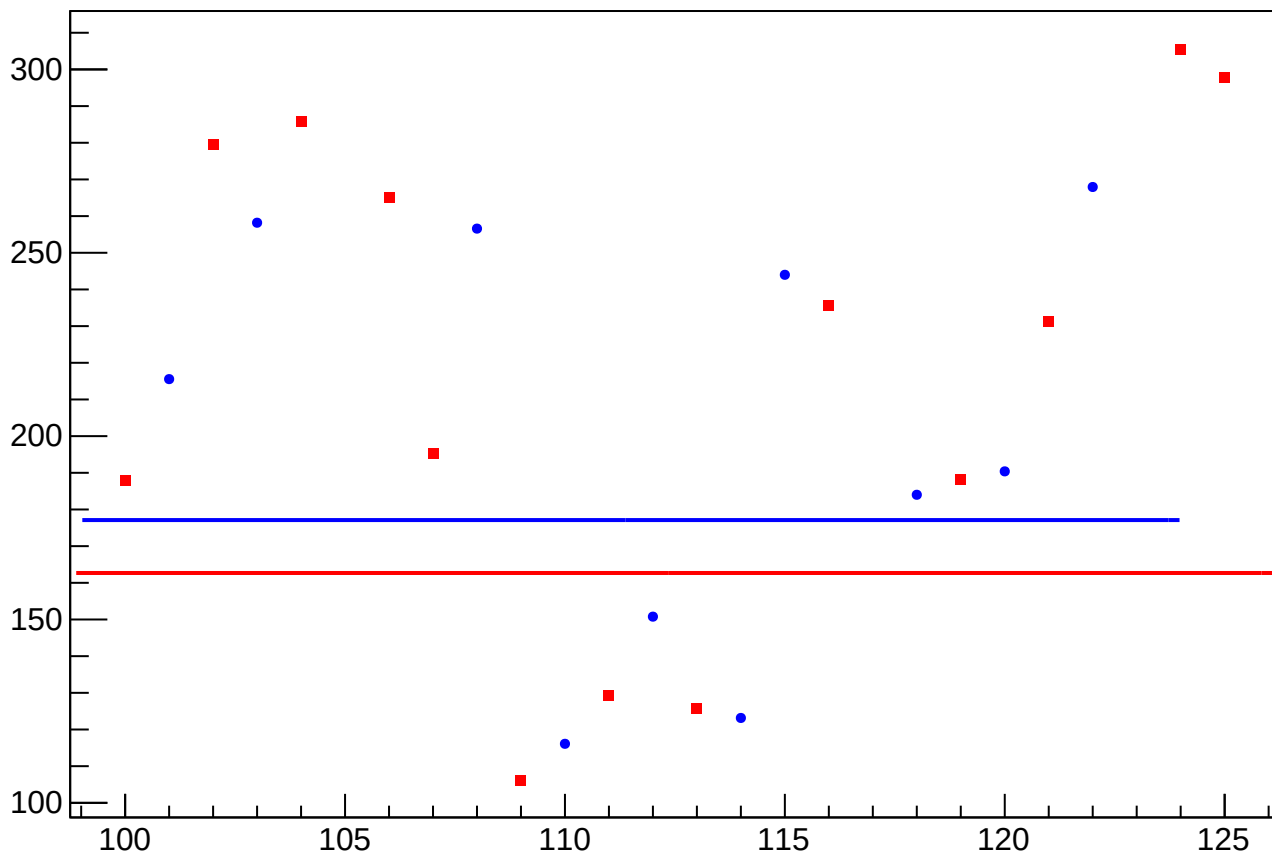
Right: -79.523 ± 60.380 χ^2/NDF : 14.0/22

In: -51.944 ± 92.677 χ^2/NDF : 4.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -79.523 ± 60.380 χ^2/NDF : 14.0/22

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: 162.682+/-0.056 χ^2/NDF : 1262090.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

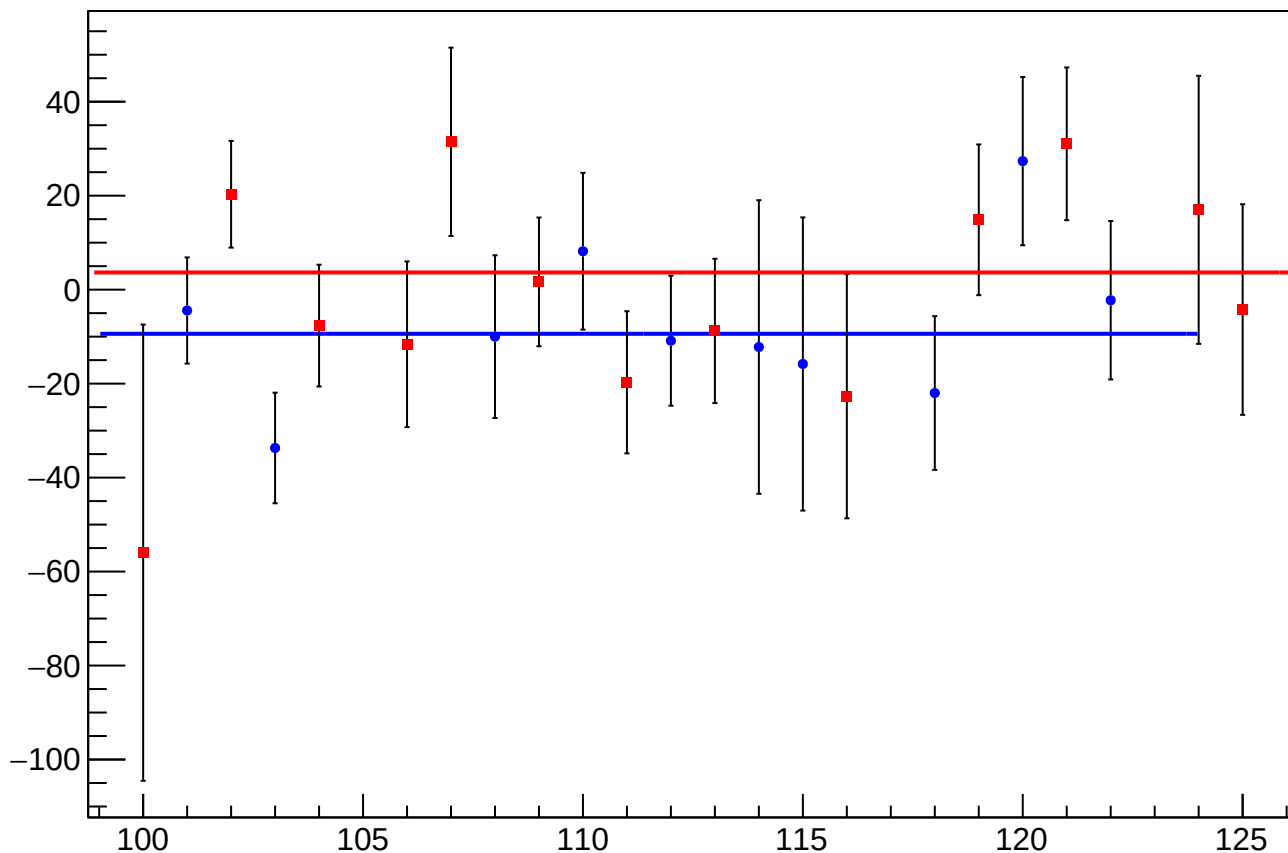
Right: 168.807+/-0.043 χ^2/NDF : 1909076.2/22

In: 177.113+/-0.066 χ^2/NDF : 619079.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.807+/-0.043 χ^2/NDF : 1909076.2/22

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: 3.657+/-4.654 χ^2/NDF : 14.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

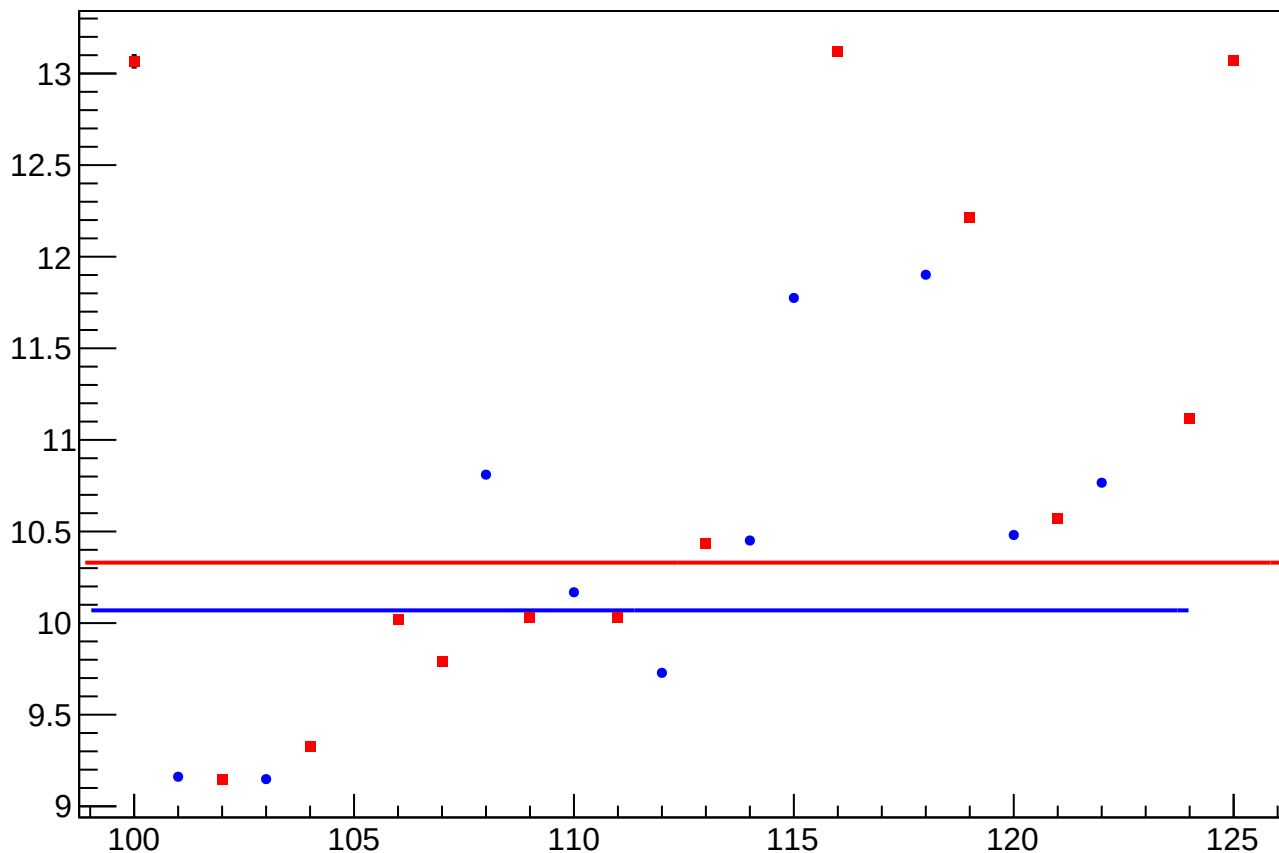
Right: -2.370+/-3.414 χ^2/NDF : 29.1/22

In: -9.392+/-5.024 χ^2/NDF : 10.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.370+/-3.414 χ^2/NDF : 29.1/22

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: 10.330+/-0.003 χ^2/NDF : 126582.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

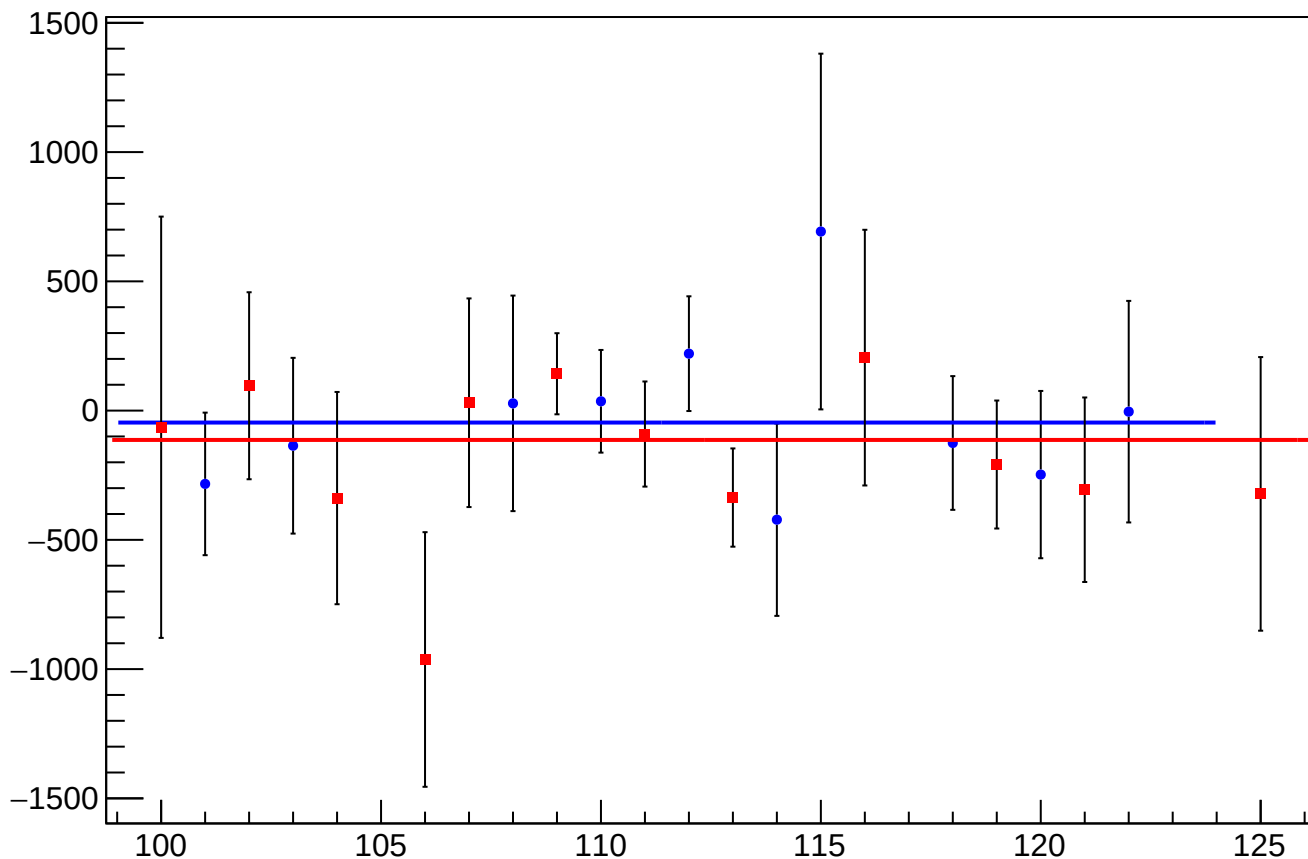
Right: 10.210+/-0.002 χ^2/NDF : 195401.3/22

In: 10.069+/-0.004 χ^2/NDF : 65923.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.210+/-0.002 χ^2/NDF : 195401.3/22

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: -113.481+/-81.734 χ^2/NDF : 8.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

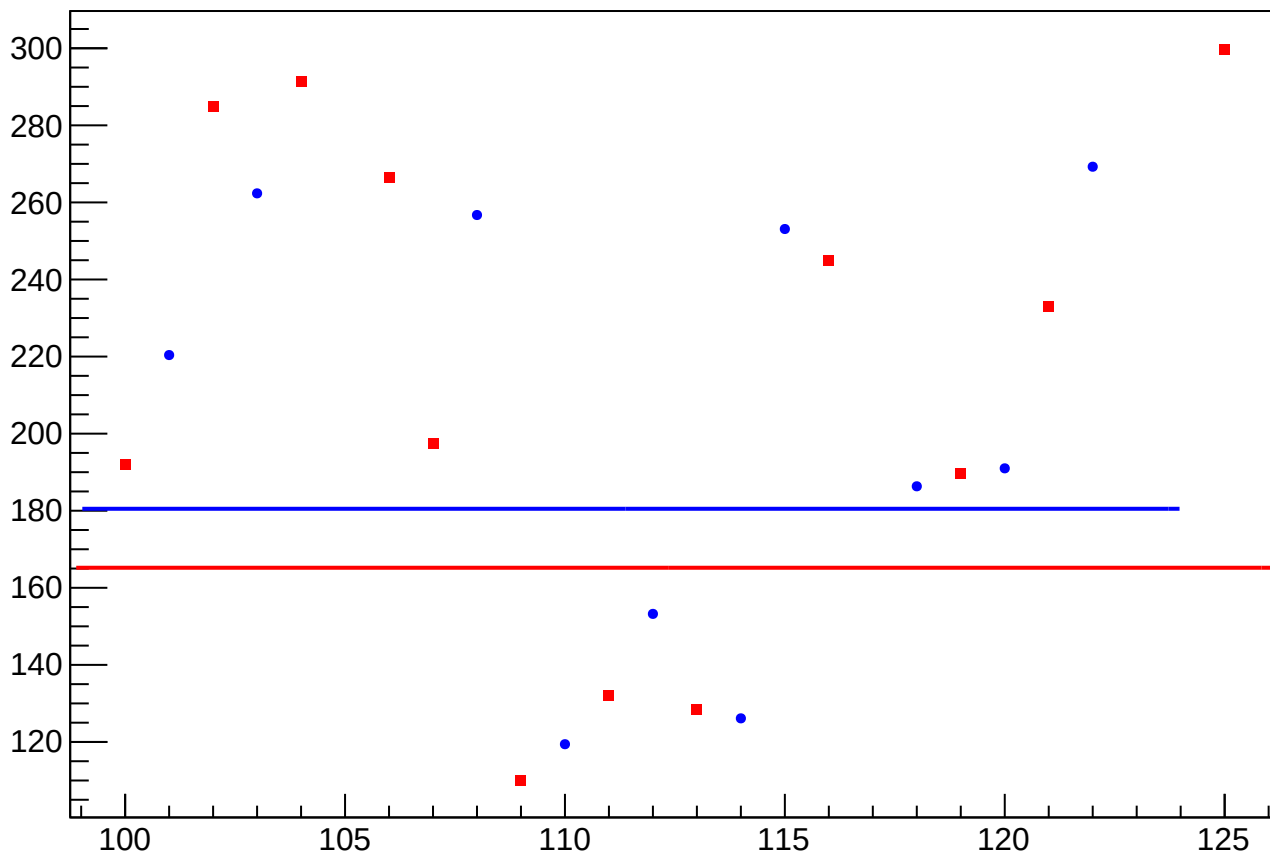
Right: -84.627+/-61.756 χ^2/NDF : 14.2/21

In: -46.238+/-94.276 χ^2/NDF : 5.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -84.627+/-61.756 χ^2/NDF : 14.2/21

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: 165.205+/-0.058 χ^2/NDF : 1155111.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

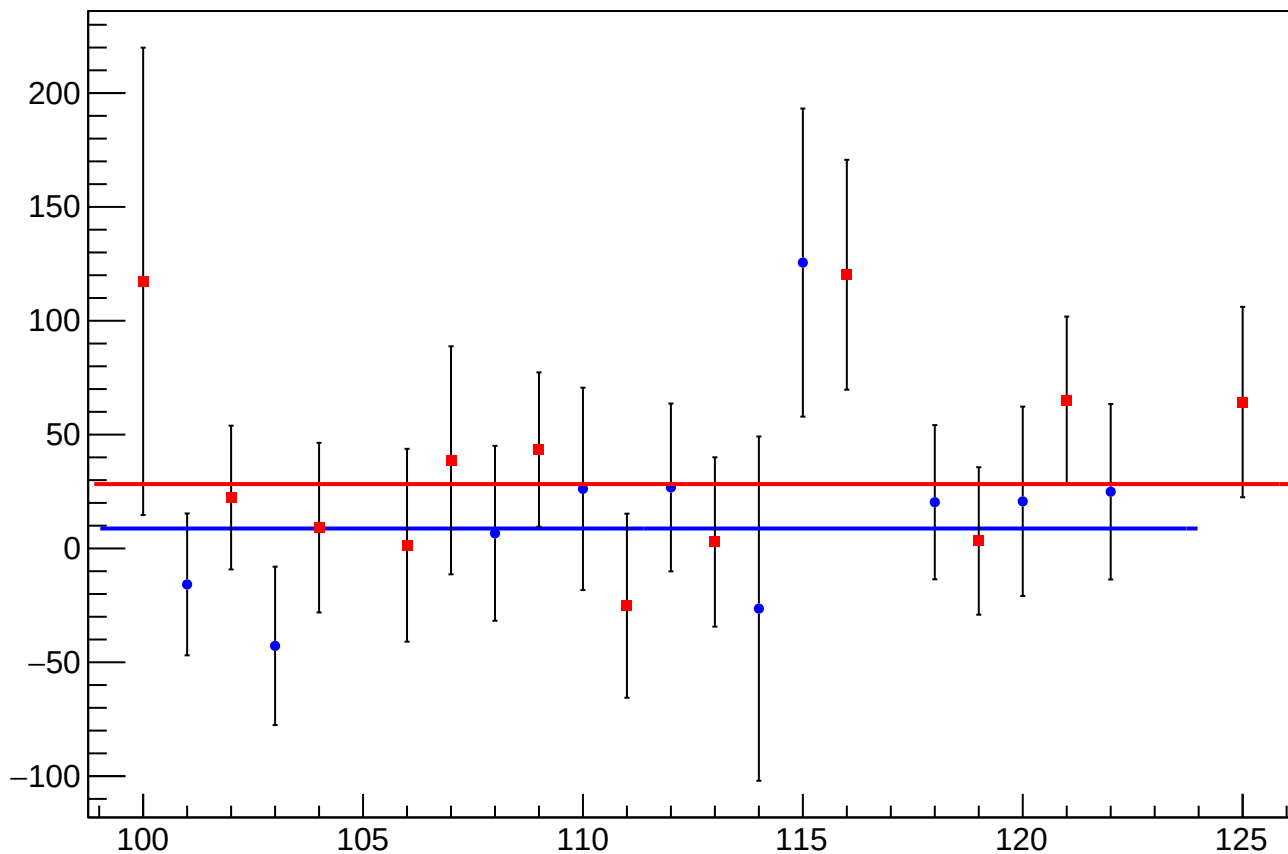
Right: 171.770+/-0.044 χ^2/NDF : 1783239.2/21

In: 180.505+/-0.067 χ^2/NDF :598055.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 171.770+/-0.044 χ^2/NDF : 1783239.2/21

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: 28.272+/-11.443 χ^2/NDF : 9.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

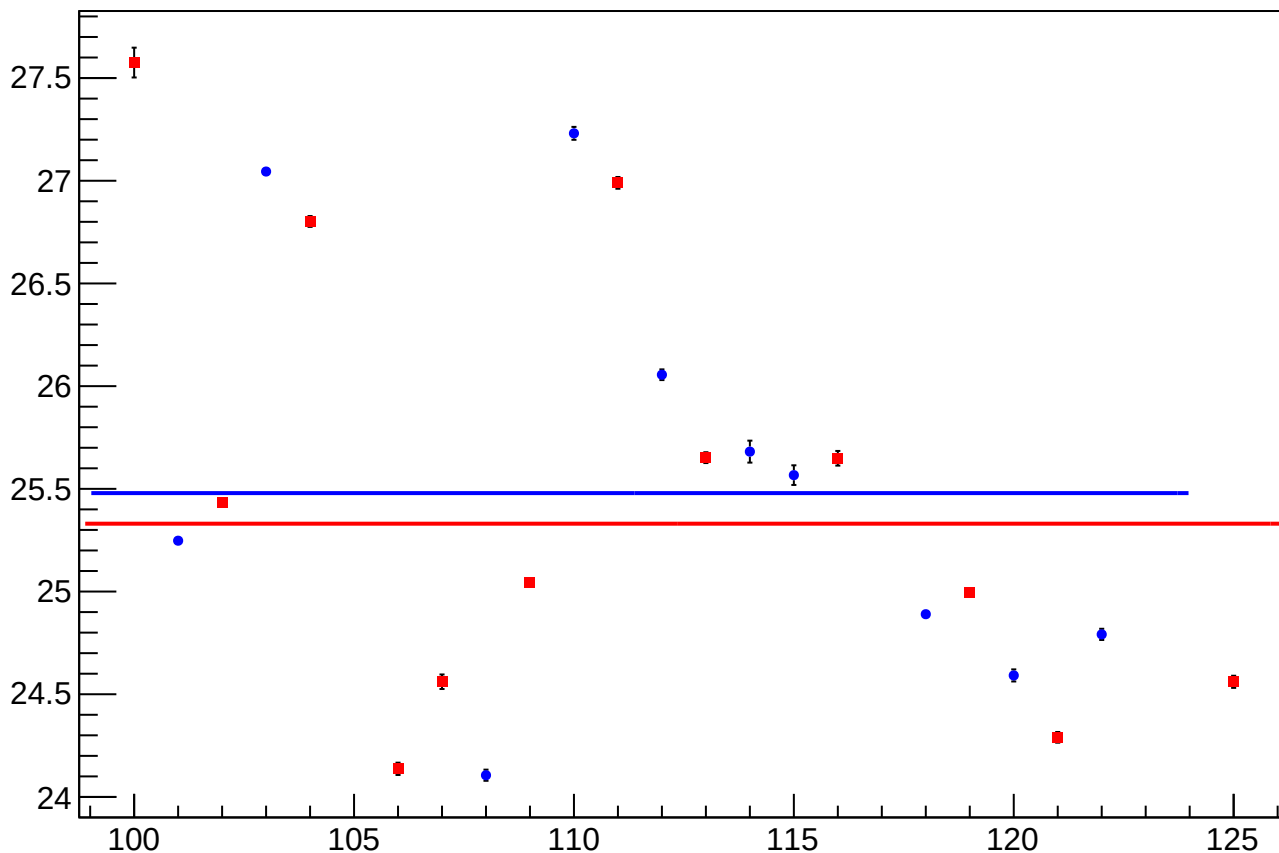
Right: 19.455+/-8.473 χ^2/NDF : 17.7/21

In: 8.753+/-12.606 χ^2/NDF : 6.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.455+/-8.473 χ^2/NDF : 17.7/21

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: 25.330+/-0.008 χ^2/NDF : 12393.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

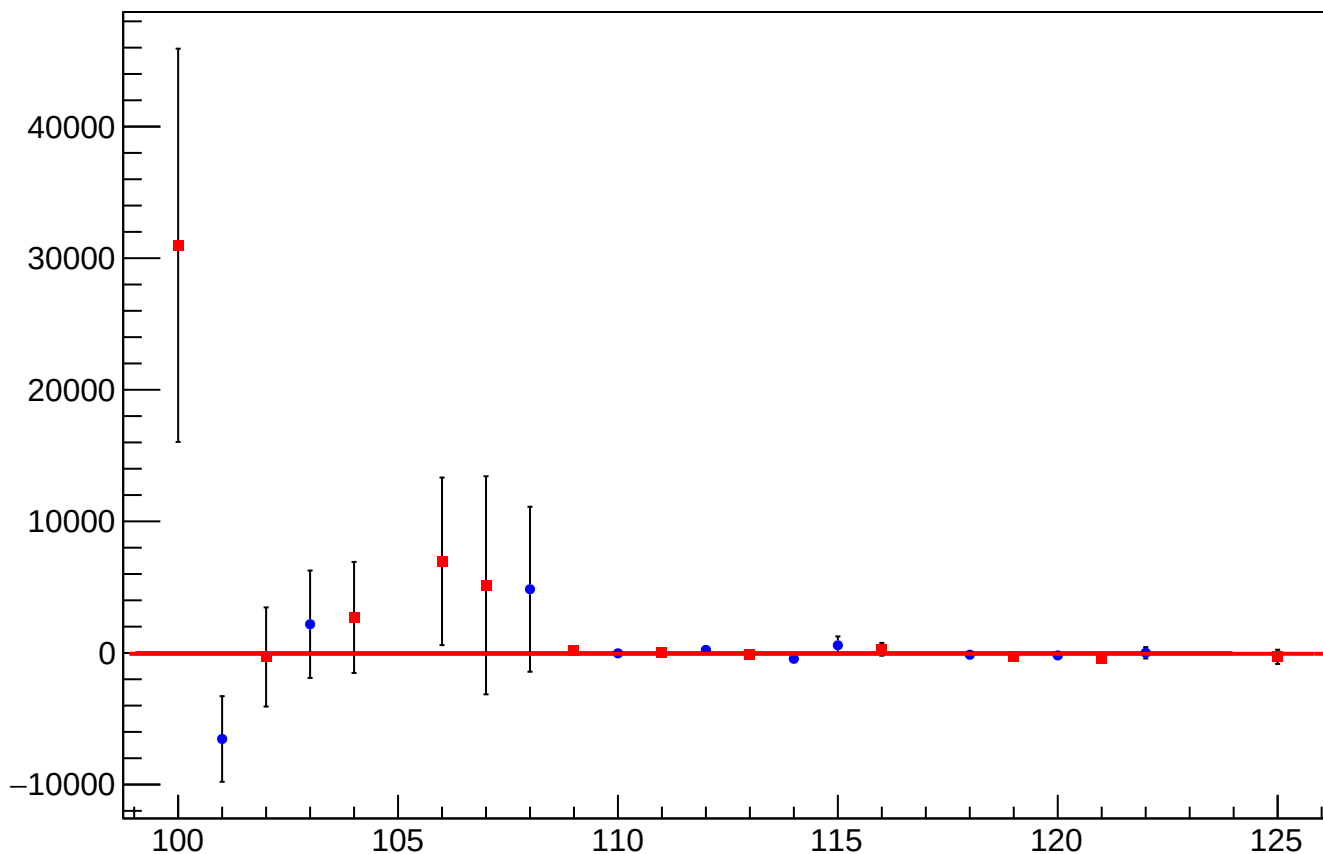
Right: 25.398+/-0.006 χ^2/NDF : 25031.9/21

In: 25.479+/-0.009 χ^2/NDF : 12485.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.398+/-0.006 χ^2/NDF : 25031.9/21

asym_bcm_cav4cQ_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -22.337 $\pm$ 107.167 χ^2 /NDF: 8.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -63.523 $\pm$ 96.050 χ^2 /NDF: 10.4/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

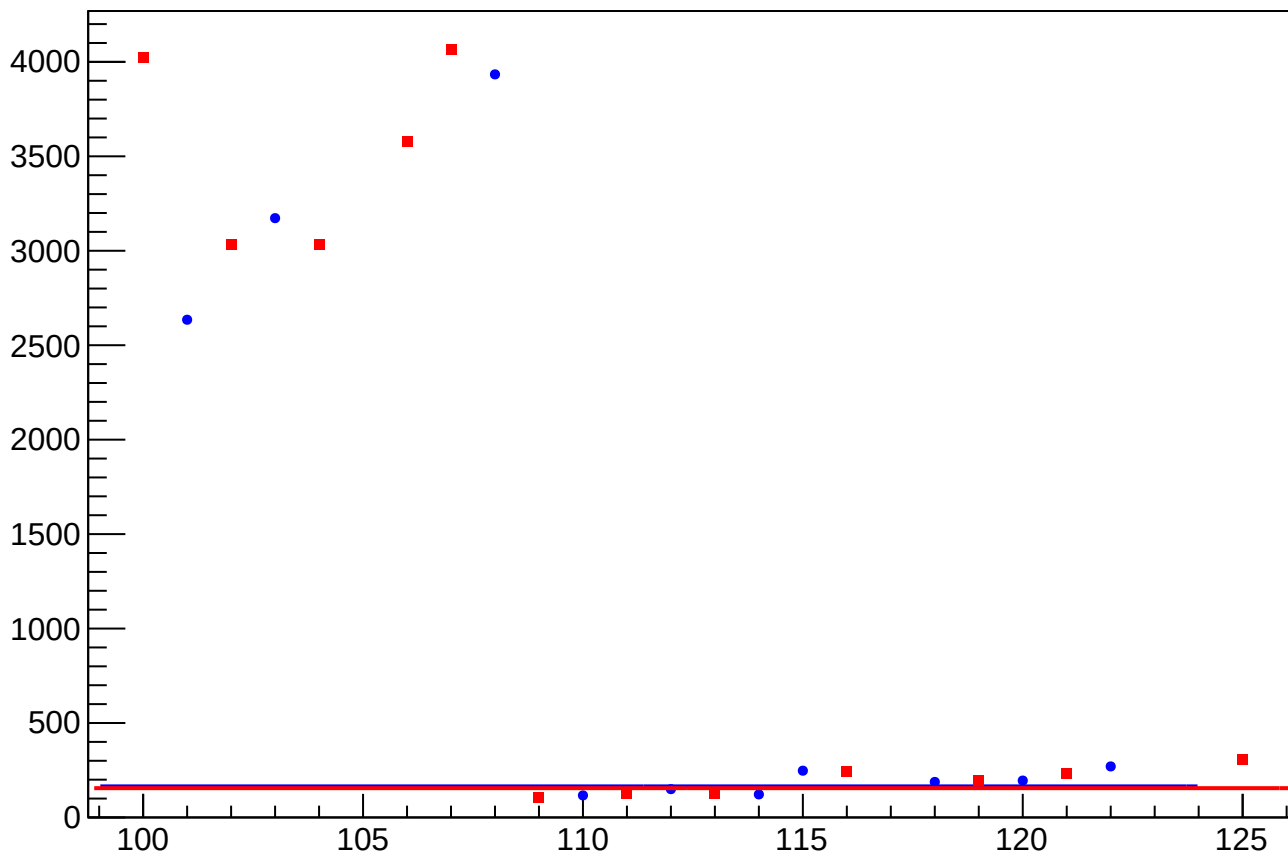
Right: -45.176 $\pm$ 71.526 χ^2 /NDF: 19.4/21

In: -22.337 $\pm$ 107.167 χ^2 /NDF:8.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -45.176 $\pm$ 71.526 χ^2 /NDF: 19.4/21

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: 155.054+/-0.068 χ^2/NDF : 3815170.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

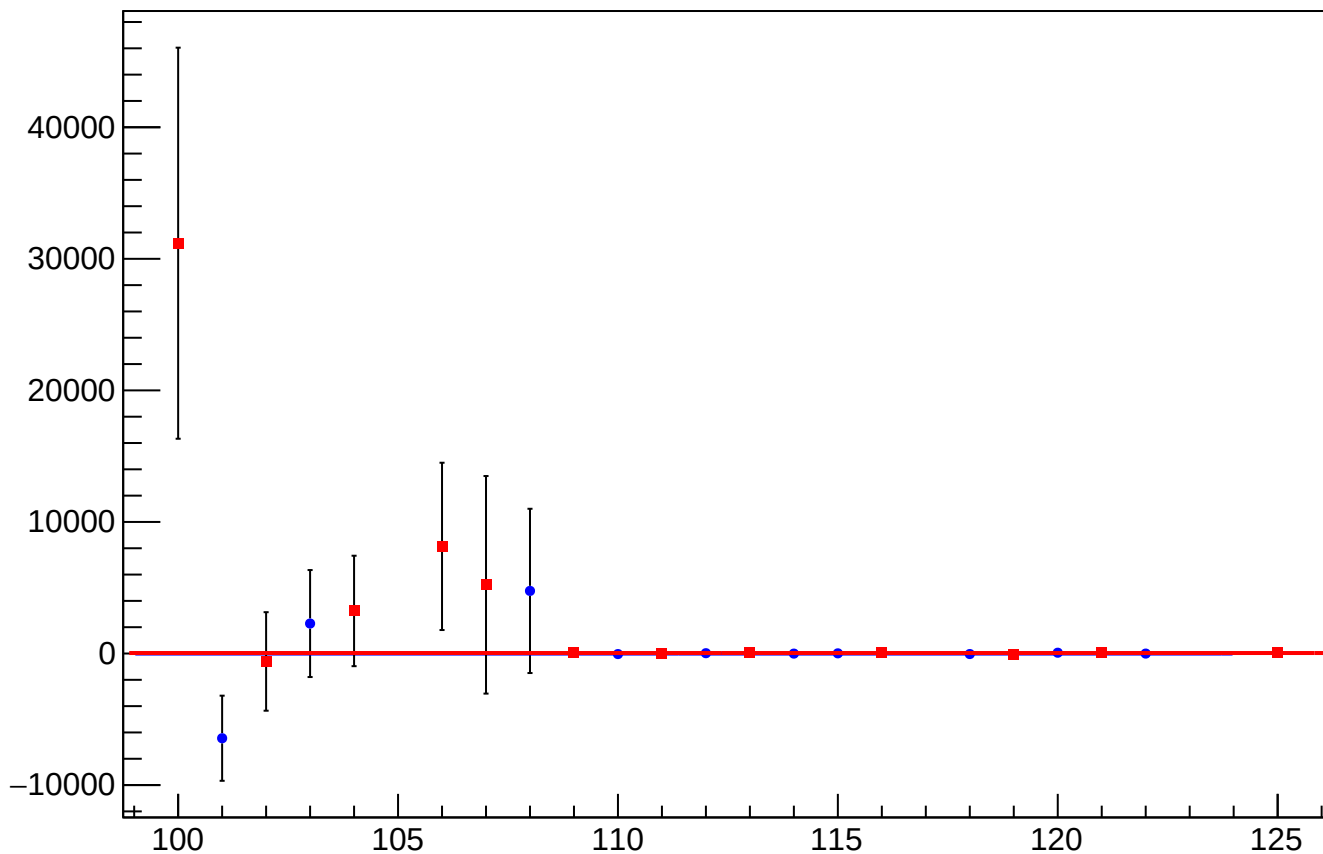
Right: 159.217+/-0.051 χ^2/NDF : 7129109.1/21

In: 164.399+/-0.076 χ^2/NDF : 3305505.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.217+/-0.051 χ^2/NDF : 7129109.1/21

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: 37.324+/-16.671 χ^2/NDF : 15.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

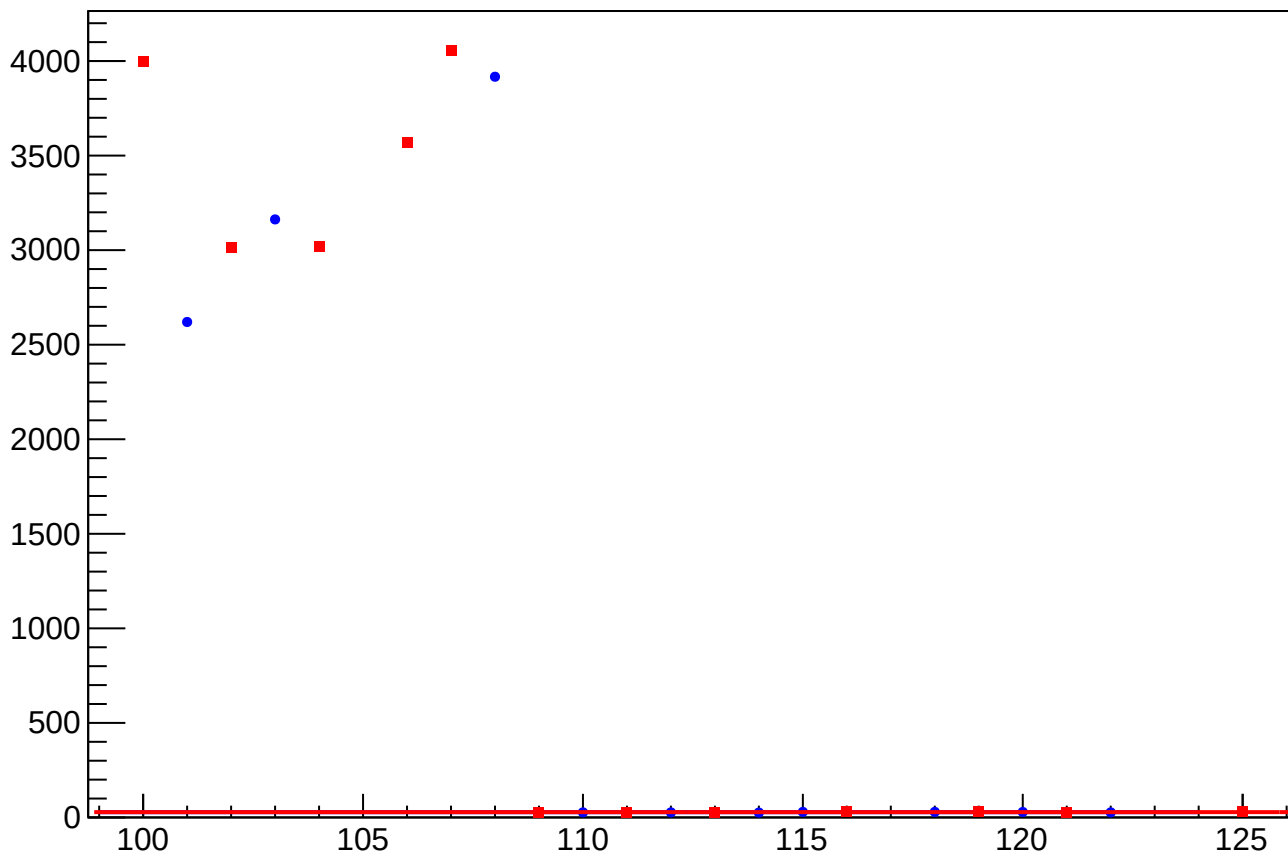
Right: 18.643+/-12.153 χ^2/NDF : 27.4/21

In: -2.547+/-17.754 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.643+/-12.153 χ^2/NDF : 27.4/21

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: 28.105+/-0.012 χ^2/NDF : 3553460.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

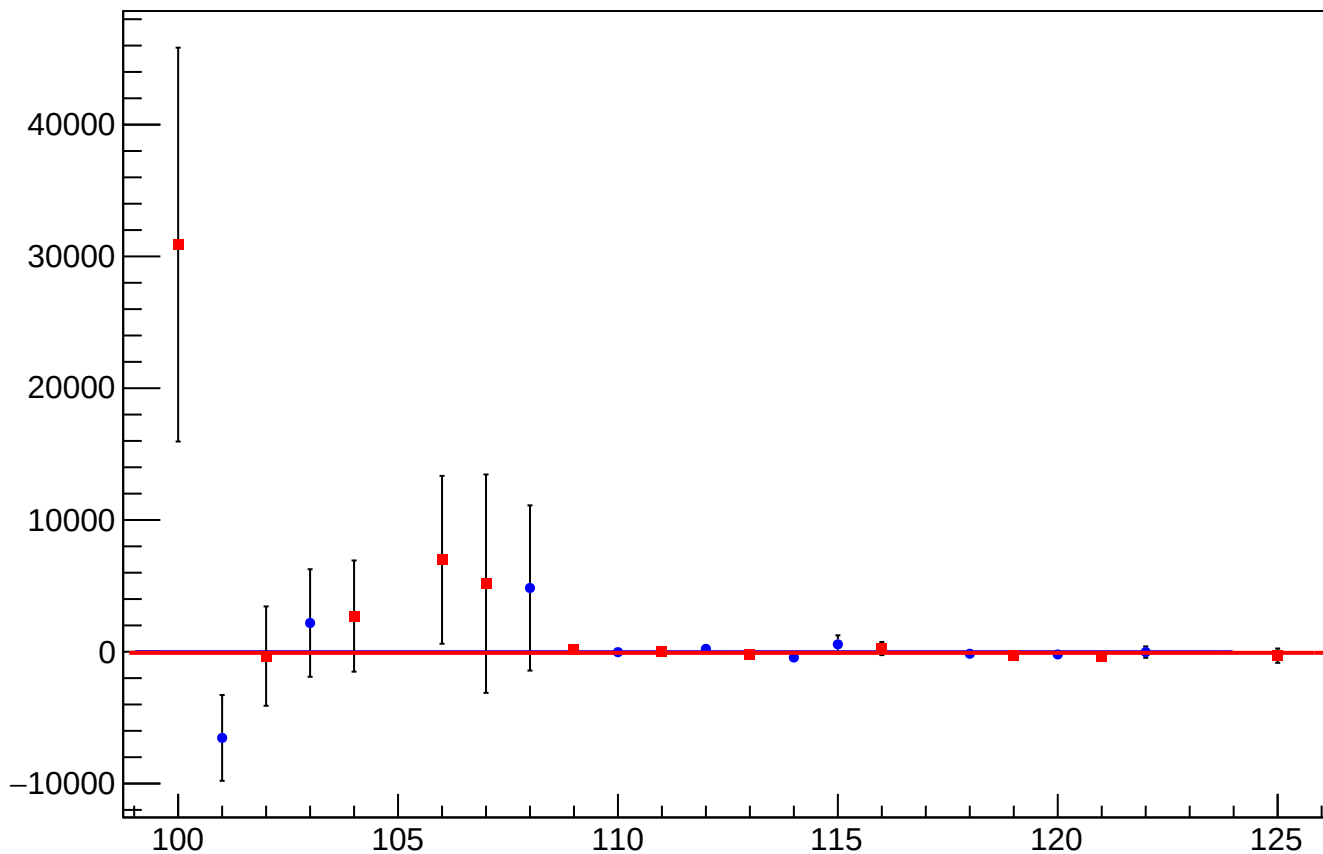
Right: 27.981+/-0.009 χ^2/NDF : 6812729.3/21

In: 27.840+/-0.013 χ^2/NDF : 3259032.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.981+/-0.009 χ^2/NDF : 6812729.3/21

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: -78.413+/-96.948 χ^2/NDF : 10.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

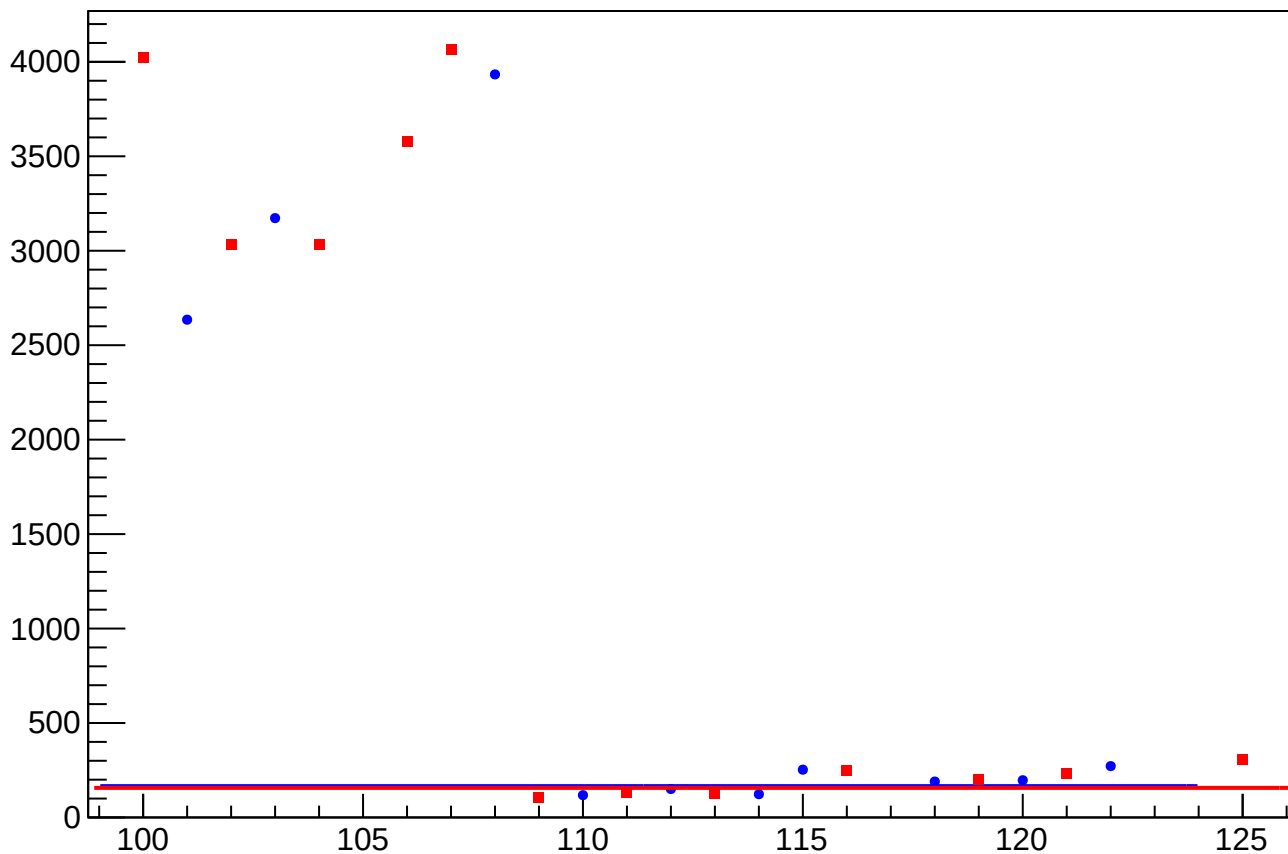
Right: -57.354+/-72.171 χ^2/NDF : 18.9/21

In: -31.178+/-108.089 χ^2/NDF : 8.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -57.354+/-72.171 χ^2/NDF : 18.9/21

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: 156.589+/-0.069 χ^2/NDF : 3812838.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

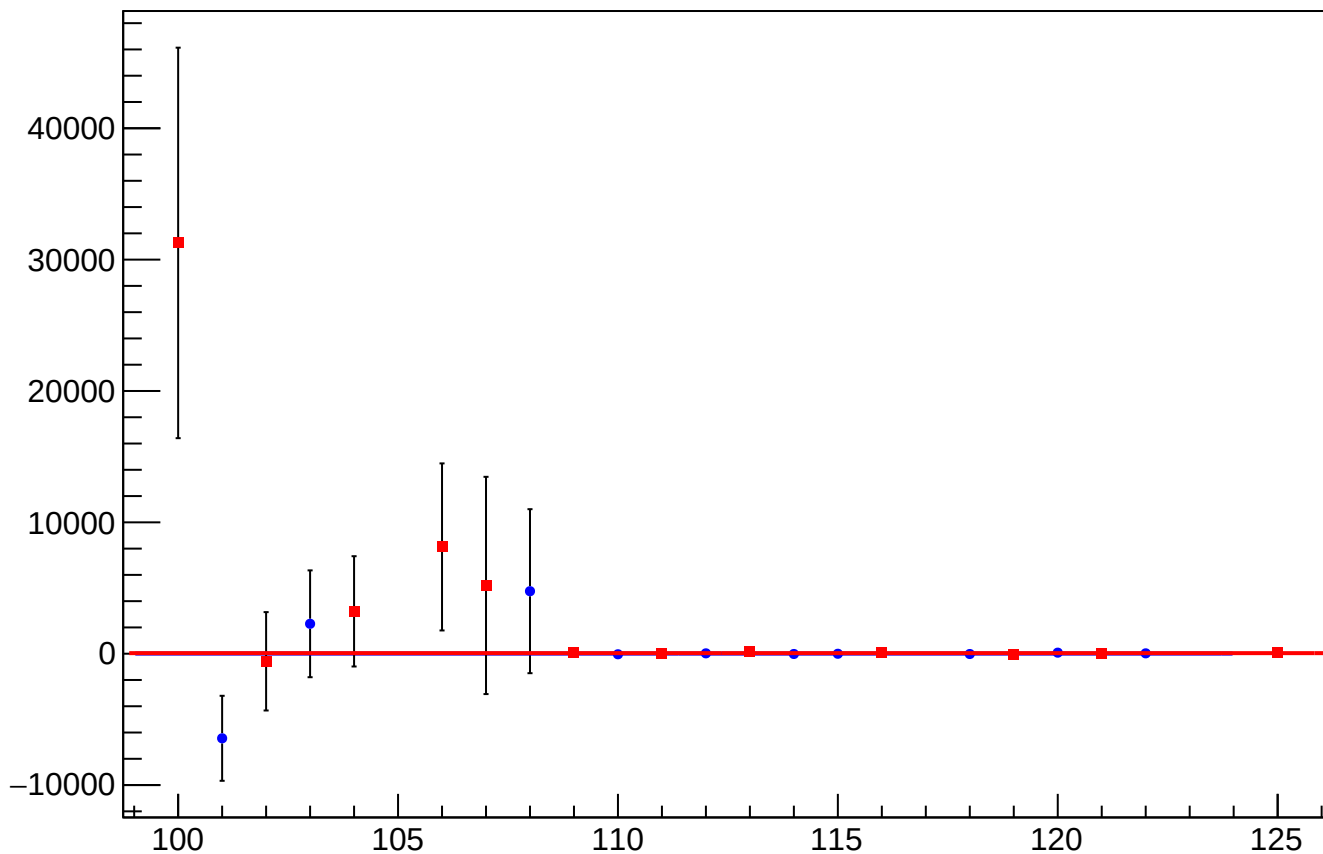
Right: 160.732+/-0.051 χ^2/NDF : 7123921.4/21

In: 165.882+/-0.076 χ^2/NDF : 3302891.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.732+/-0.051 χ^2/NDF : 7123921.4/21

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: 43.222+/-18.556 χ^2 /NDF: 20.0/11

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

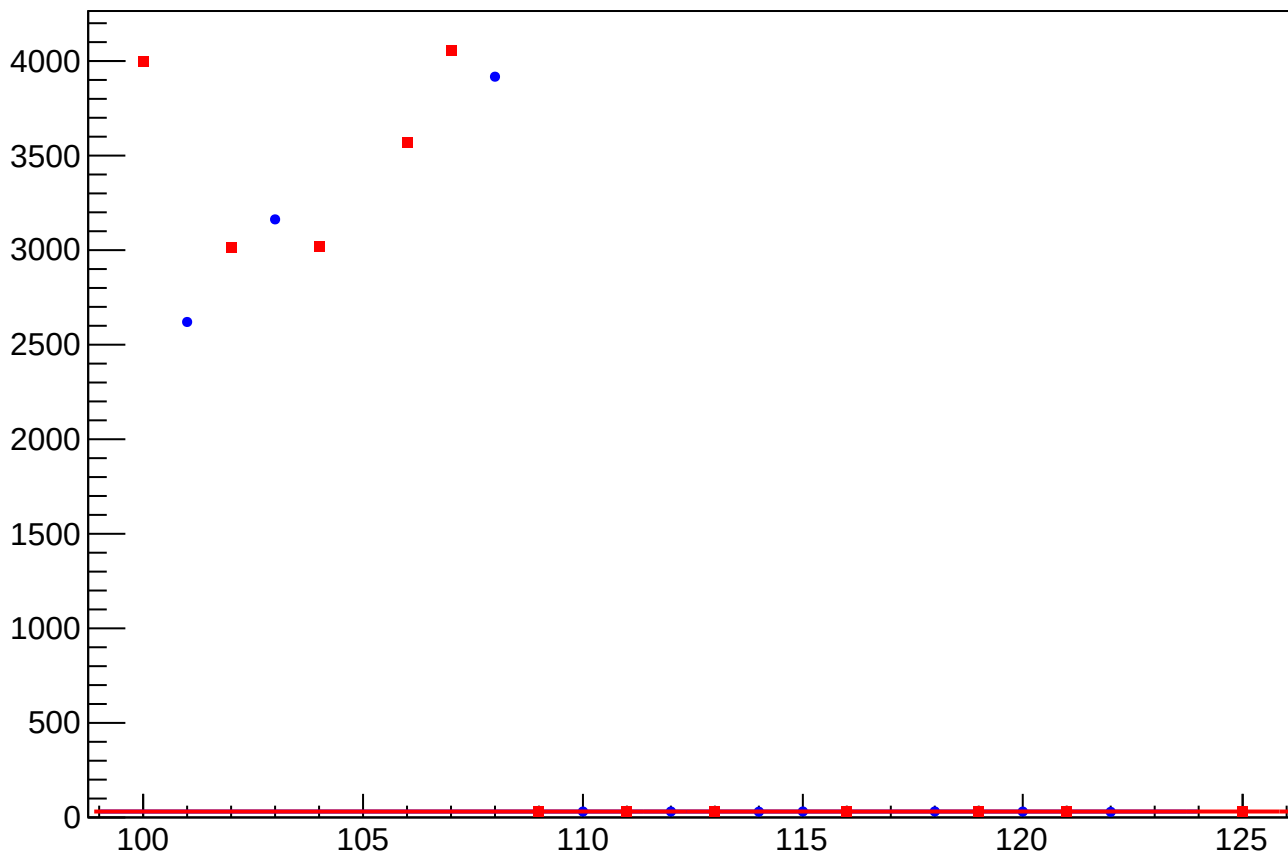
Right: 27.325+/-13.575 χ^2 /NDF: 30.4/21

In: 9.024+/-19.910 χ^2 /NDF: 8.7/9

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 27.325+/-13.575 χ^2 /NDF: 30.4/21

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: 31.364+/-0.013 χ^2/NDF : 3529636.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

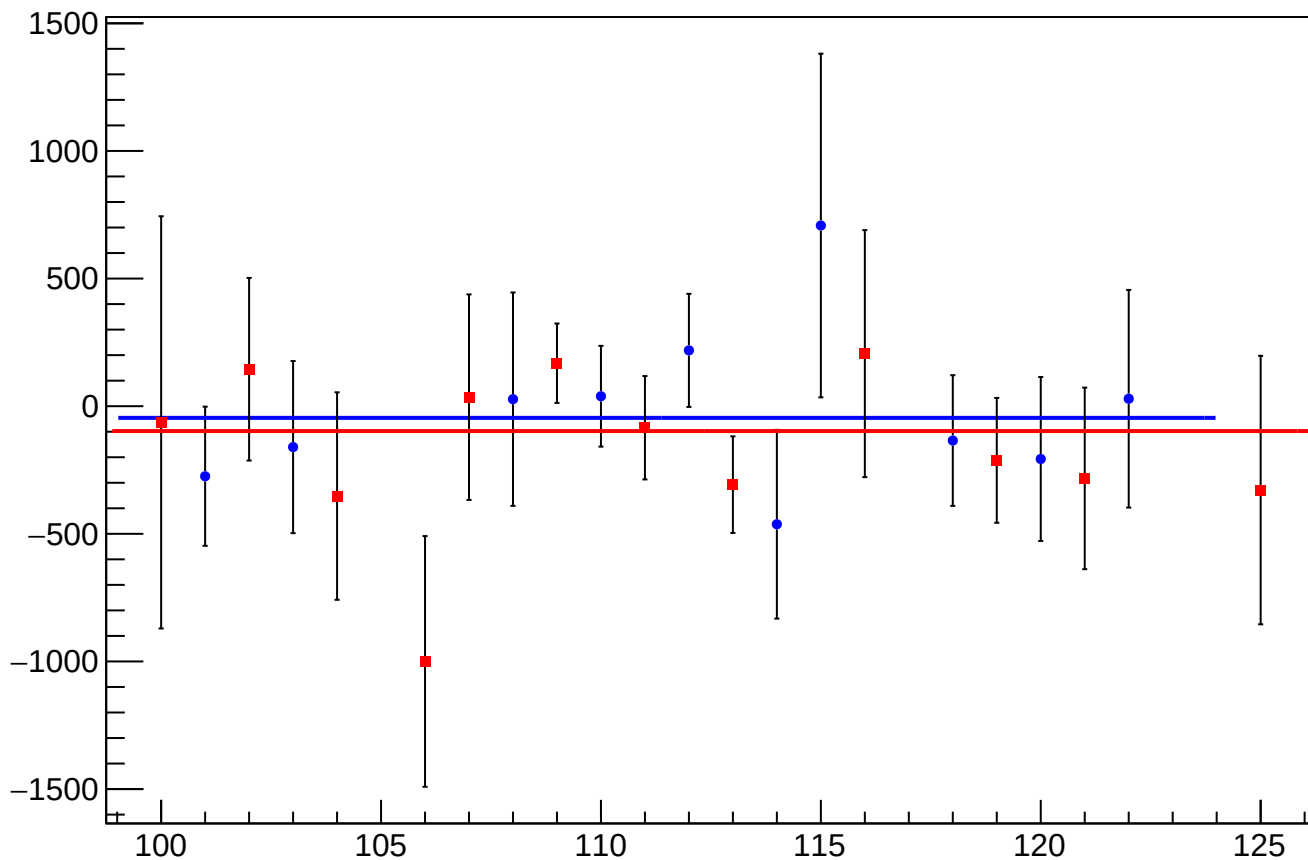
Right: 31.325+/-0.010 χ^2/NDF : 6774308.0/21

In: 31.280+/-0.014 χ^2/NDF : 3244652.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.325+/-0.010 χ^2/NDF : 6774308.0/21

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: -97.452 ± 81.138 χ^2/NDF : 9.6/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

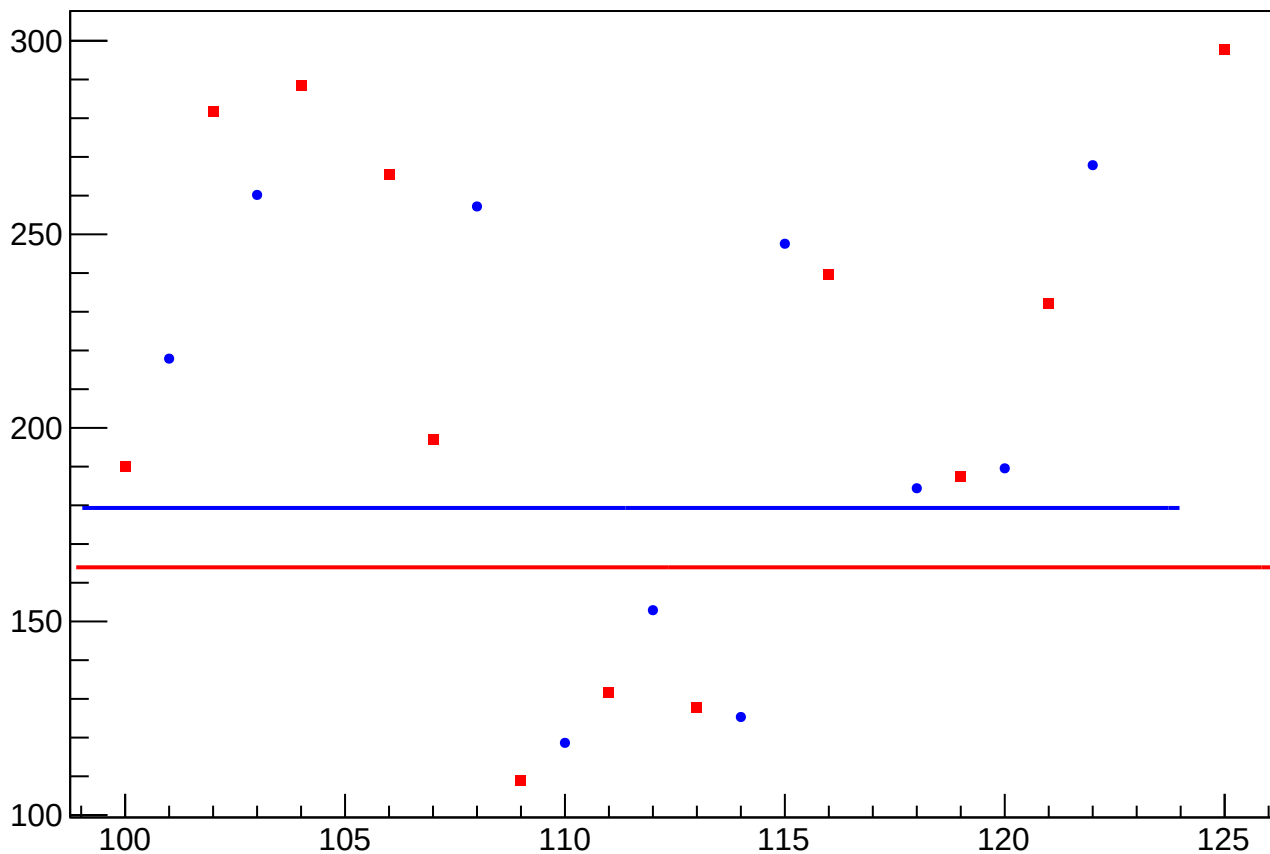
Right: -75.250 ± 61.325 χ^2/NDF : 15.1/21

In: -45.669 ± 93.655 χ^2/NDF : 5.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -75.250 ± 61.325 χ^2/NDF : 15.1/21

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: 163.987+/-0.057 χ^2/NDF : 1150220.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

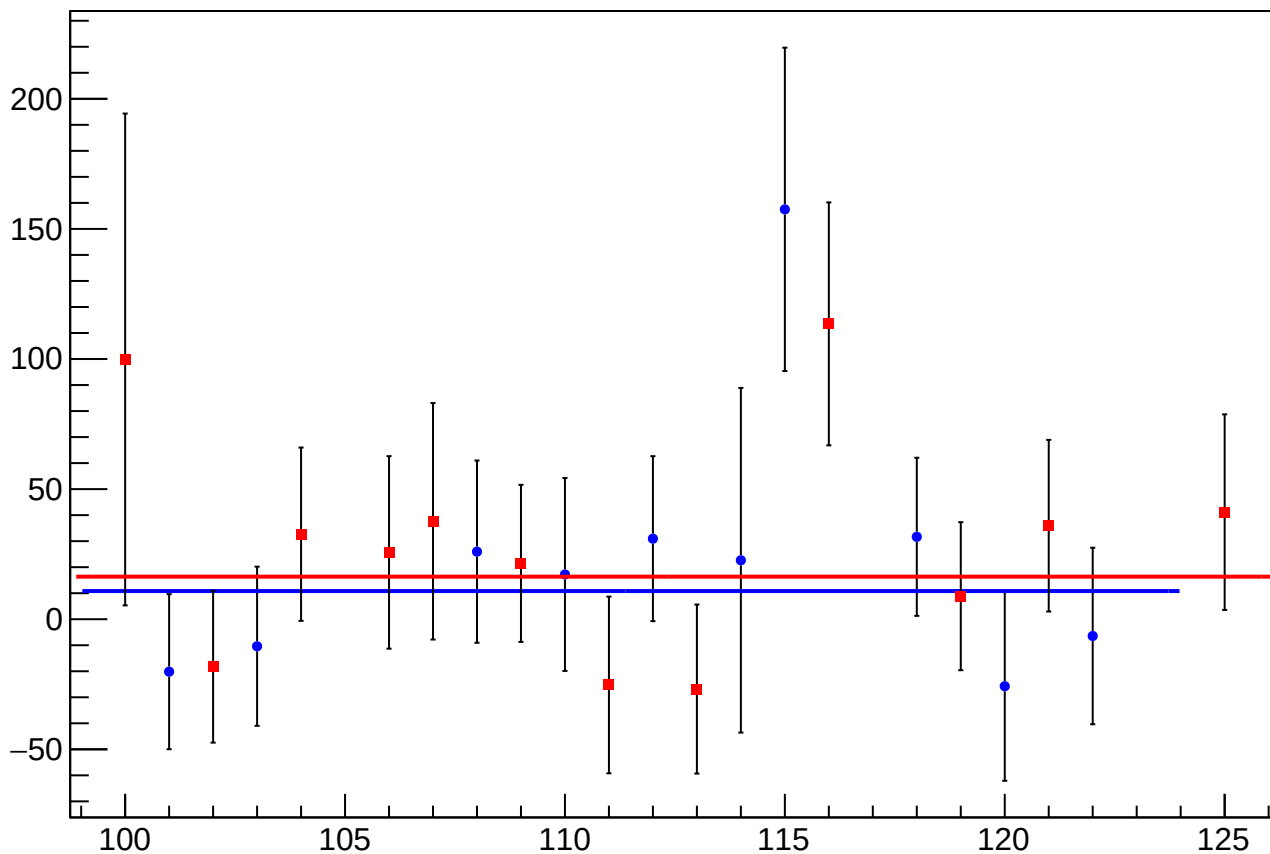
Right: 170.562+/-0.043 χ^2/NDF : 1775191.4/21

In: 179.322+/-0.066 χ^2/NDF : 594340.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.562+/-0.043 χ^2/NDF : 1775191.4/21

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: 16.355+/-10.187 χ^2/NDF : 11.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

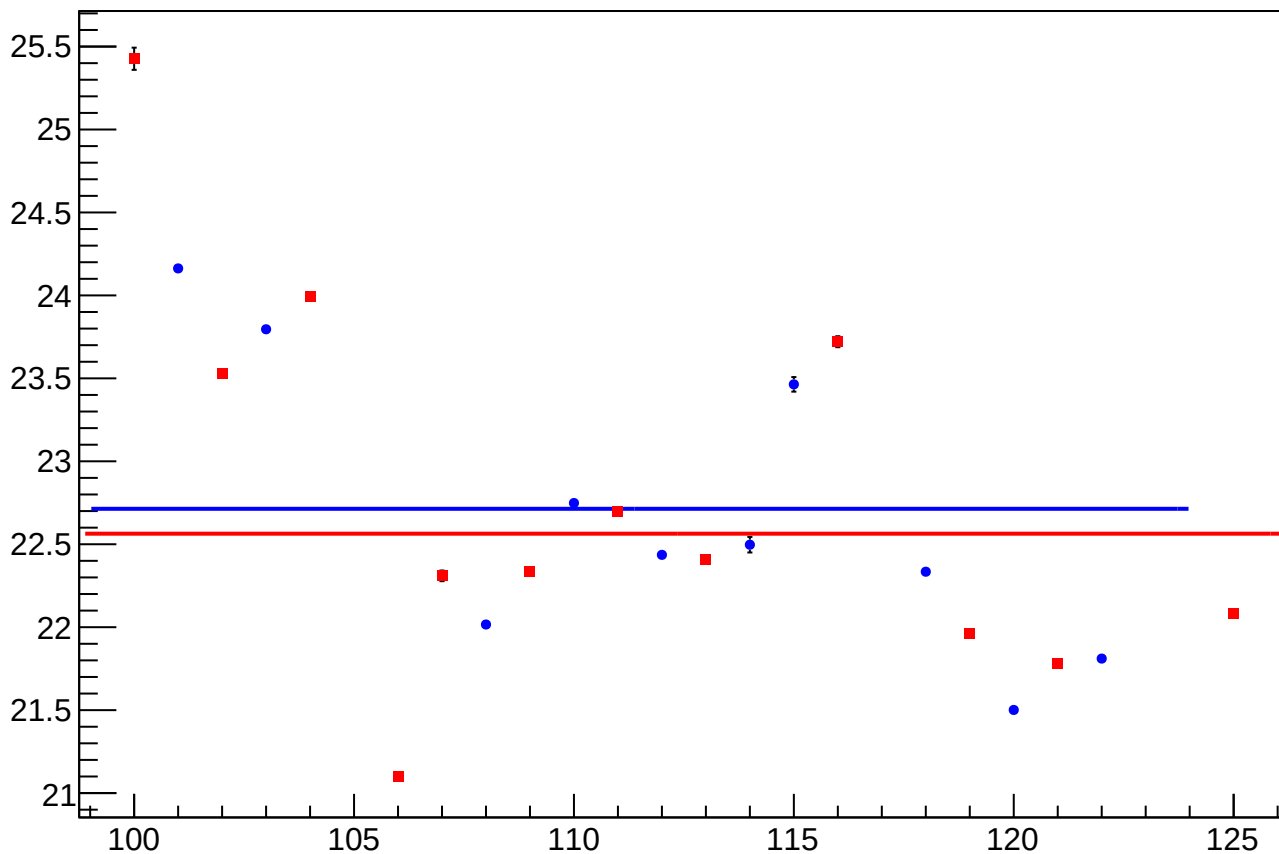
Right: 13.858+/-7.545 χ^2/NDF : 20.9/21

In: 10.823+/-11.230 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.858+/-7.545 χ^2/NDF : 20.9/21

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: 22.564+/-0.007 χ^2/NDF : 14659.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

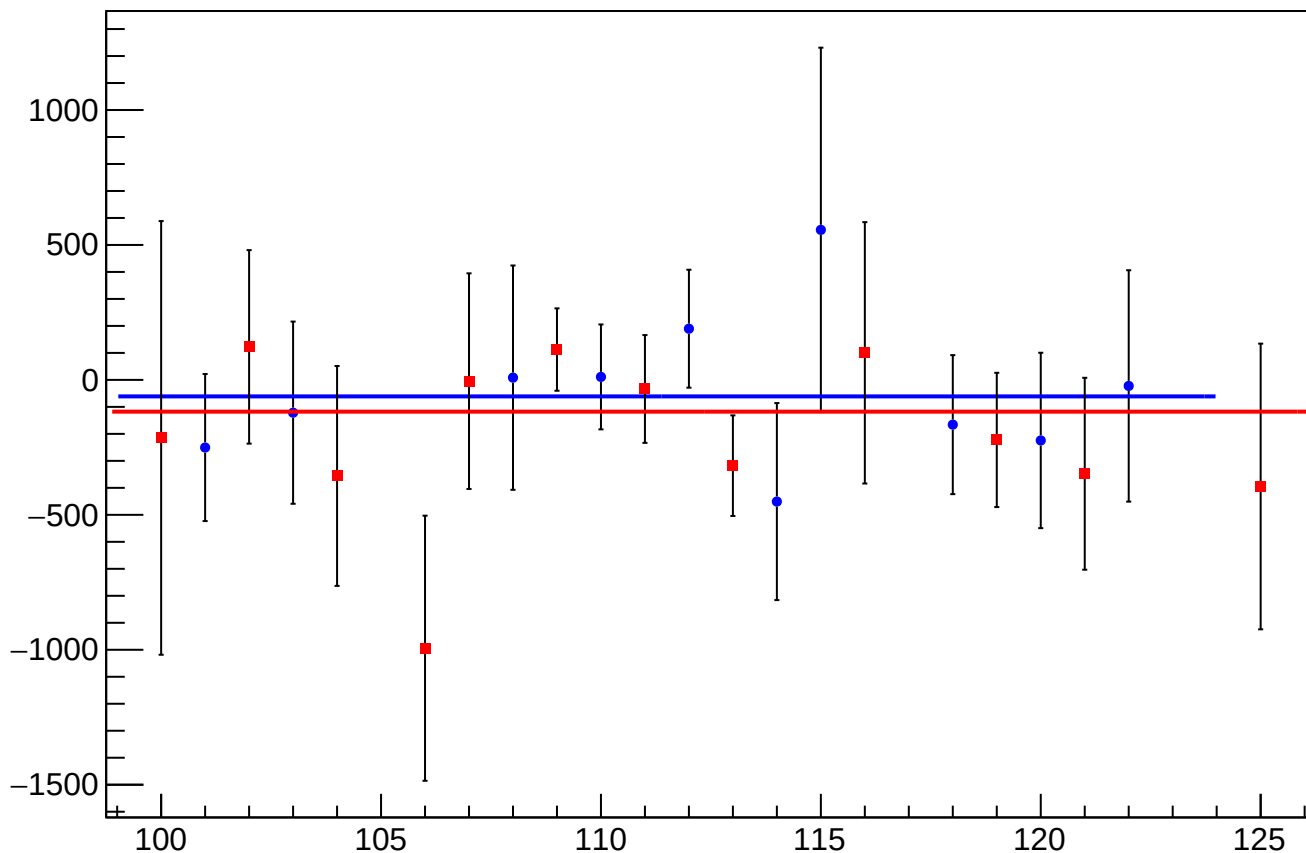
Right: 22.631+/-0.005 χ^2/NDF : 27304.6/21

In: 22.714+/-0.008 χ^2/NDF : 12449.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.631+/-0.005 χ^2/NDF : 27304.6/21

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: -117.666 ± 80.466 χ^2/NDF : 8.7/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

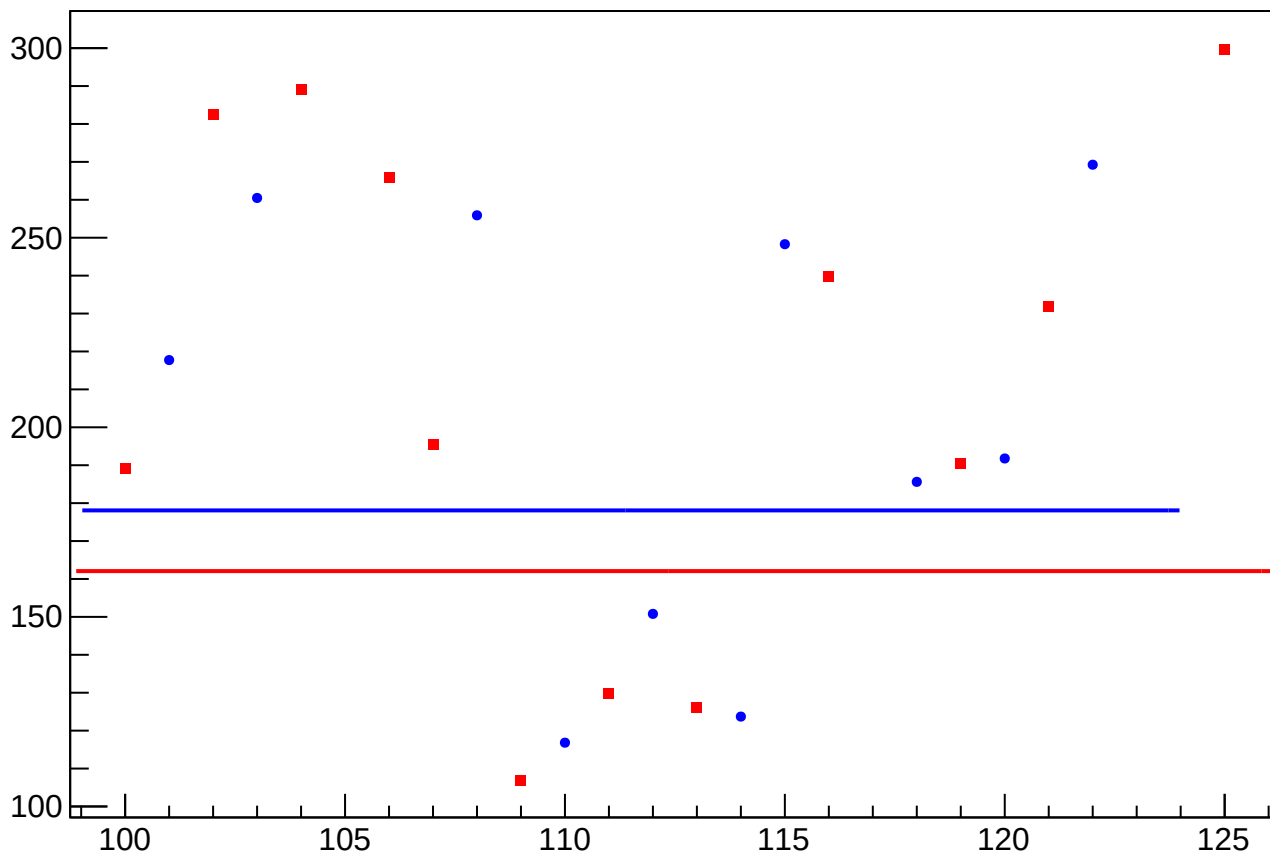
Right: -93.525 ± 60.904 χ^2/NDF : 13.4/21

In: -61.144 ± 93.192 χ^2/NDF : 4.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -93.525 ± 60.904 χ^2/NDF : 13.4/21

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: 162.076+/-0.057 χ^2/NDF : 1204095.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

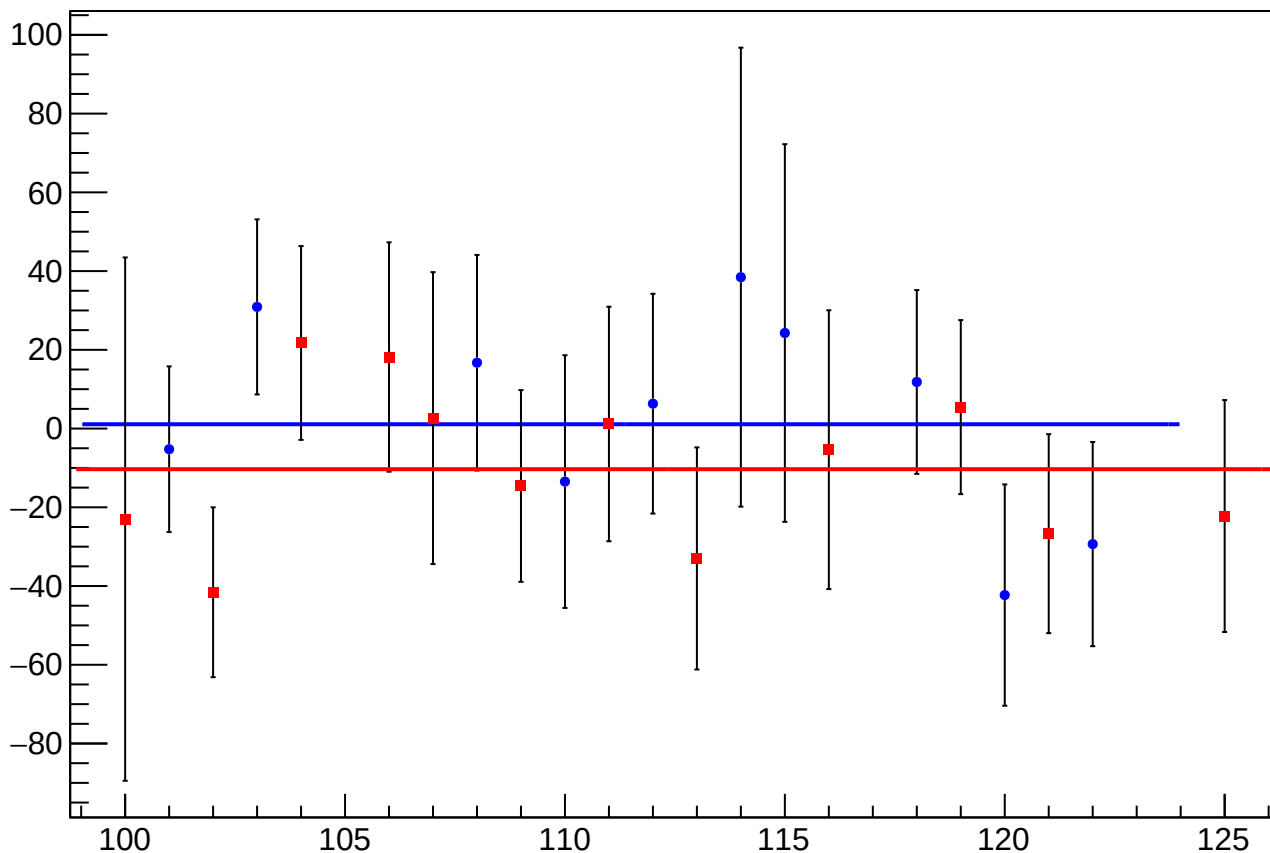
Right: 168.913+/-0.043 χ^2/NDF : 1861197.2/21

In: 178.083+/-0.066 χ^2/NDF : 623295.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.913+/-0.043 χ^2/NDF : 1861197.2/21

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: -10.318+/-8.016 χ^2/NDF : 6.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

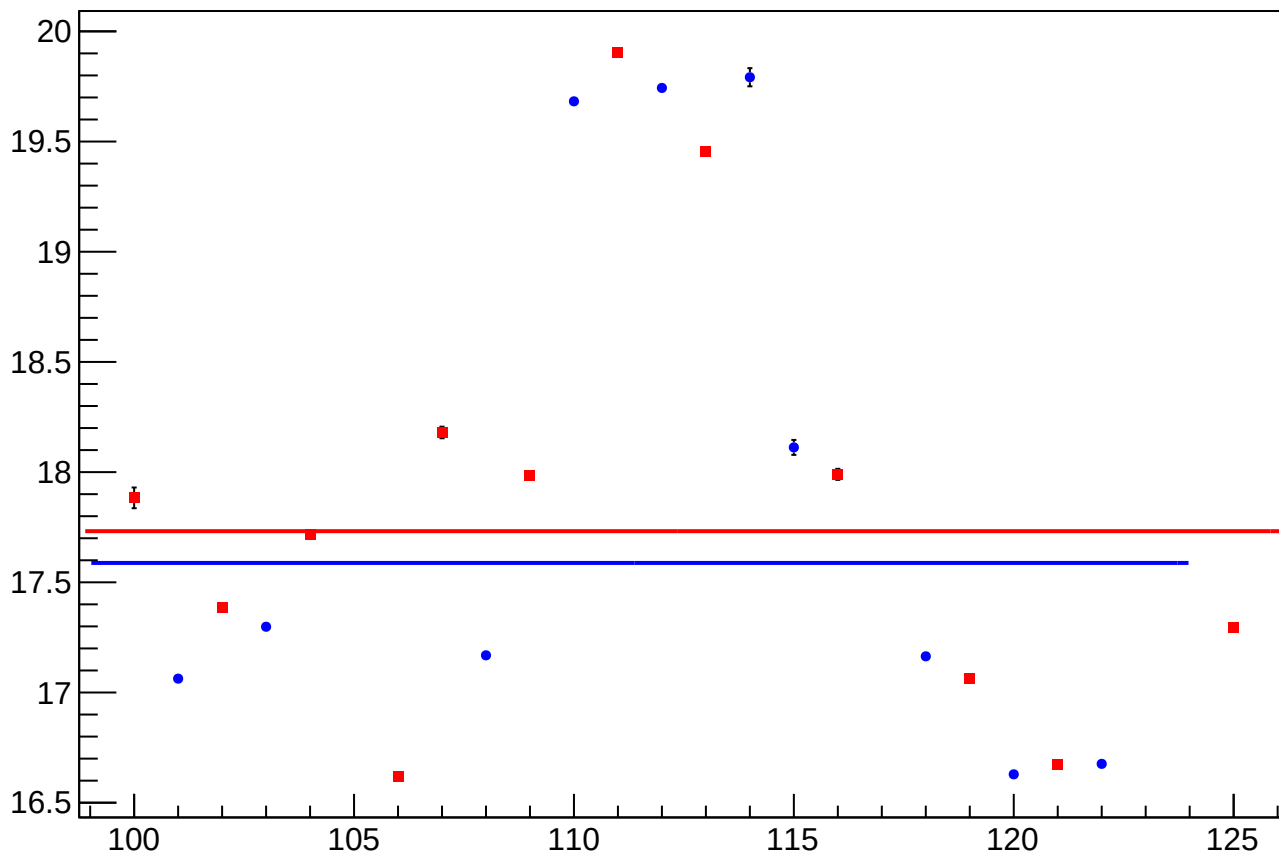
Right: -5.084+/-5.898 χ^2/NDF : 14.8/21

In: 1.095+/-8.709 χ^2/NDF : 7.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.084+/-5.898 χ^2/NDF : 14.8/21

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: 17.732+/-0.006 χ^2/NDF : 27931.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

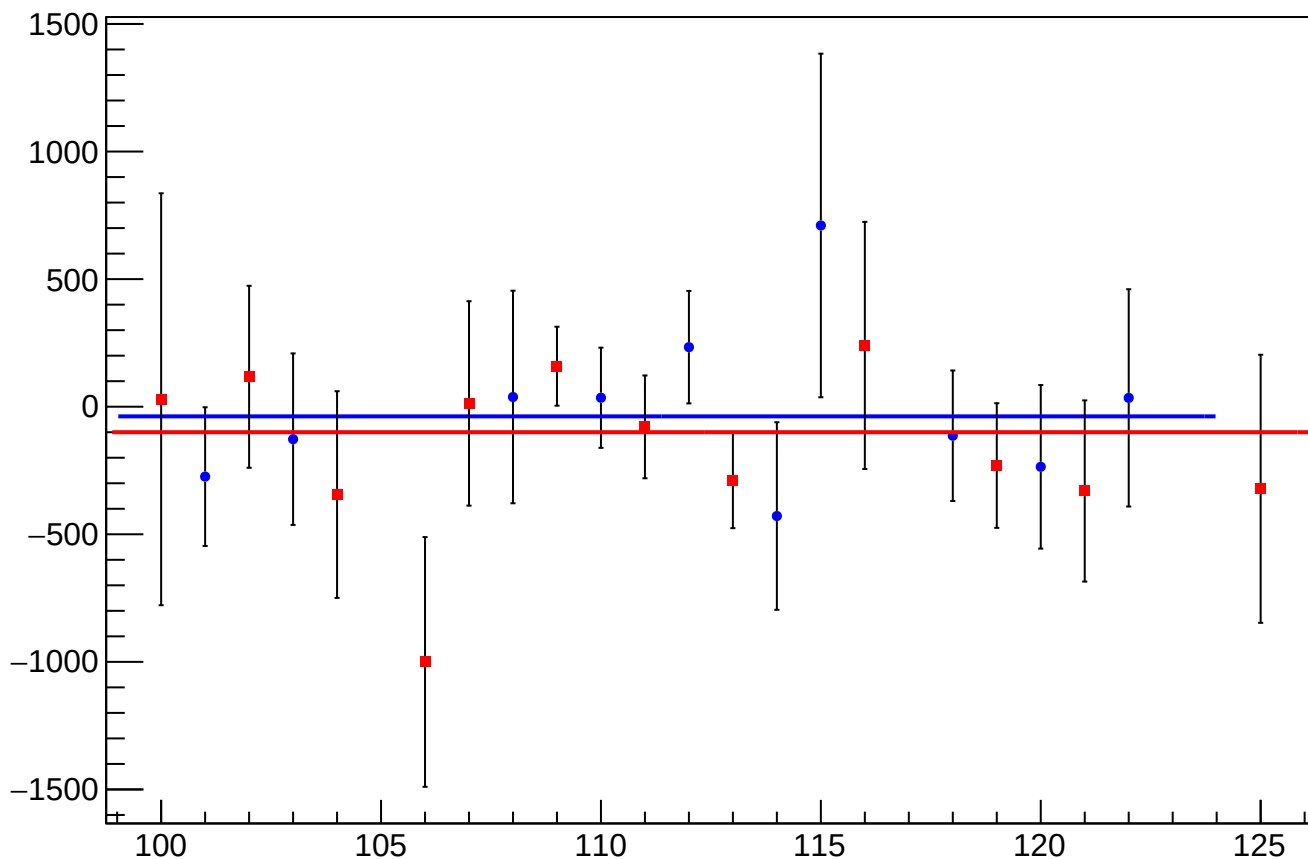
Right: 17.666+/-0.004 χ^2/NDF : 59278.4/21

In: 17.588+/-0.006 χ^2/NDF : 31050.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.666+/-0.004 χ^2/NDF : 59278.4/21

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: -99.830+/-80.805 χ^2/NDF : 9.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

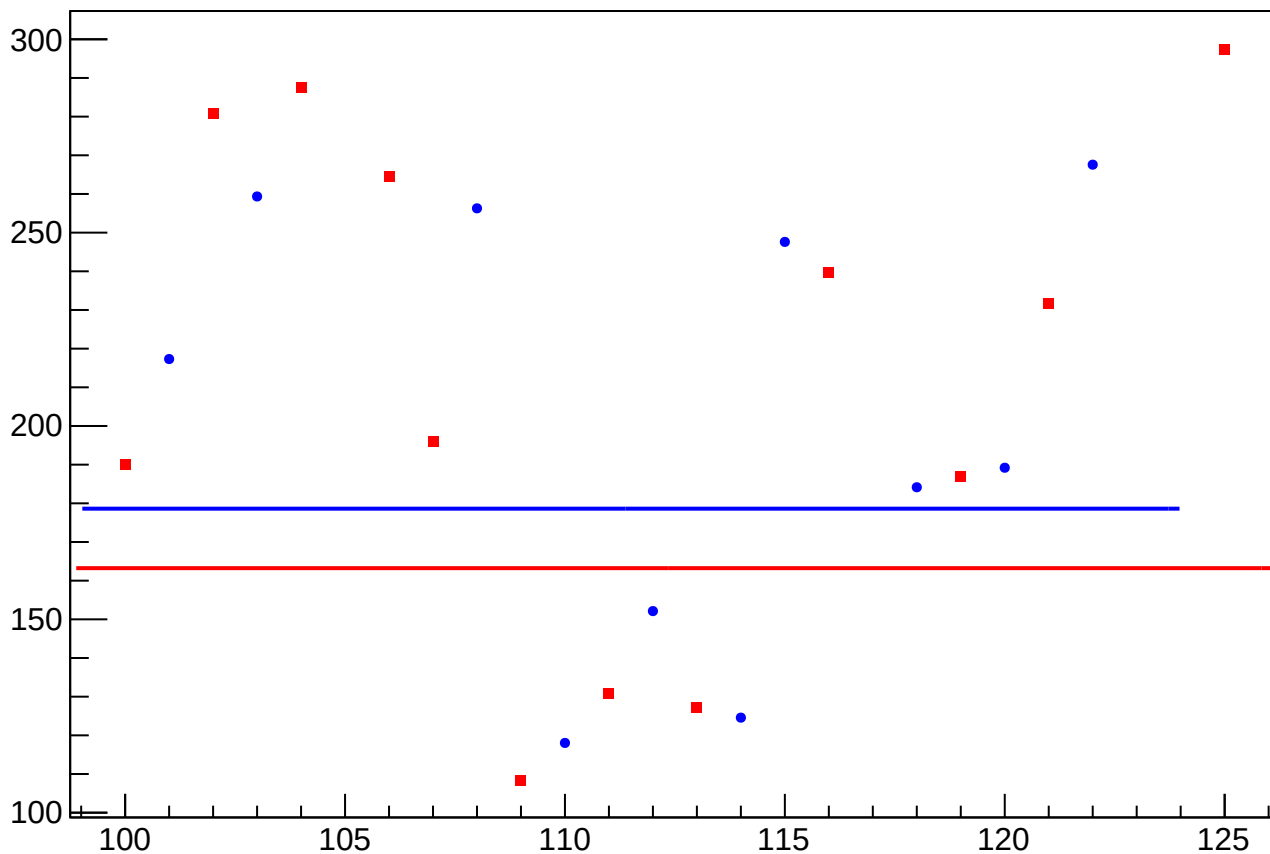
Right: -73.275+/-61.087 χ^2/NDF : 15.0/21

In: -37.858+/-93.320 χ^2/NDF :5.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -73.275+/-61.087 χ^2/NDF : 15.0/21

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: 163.236+/-0.057 χ^2/NDF : 1157781.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

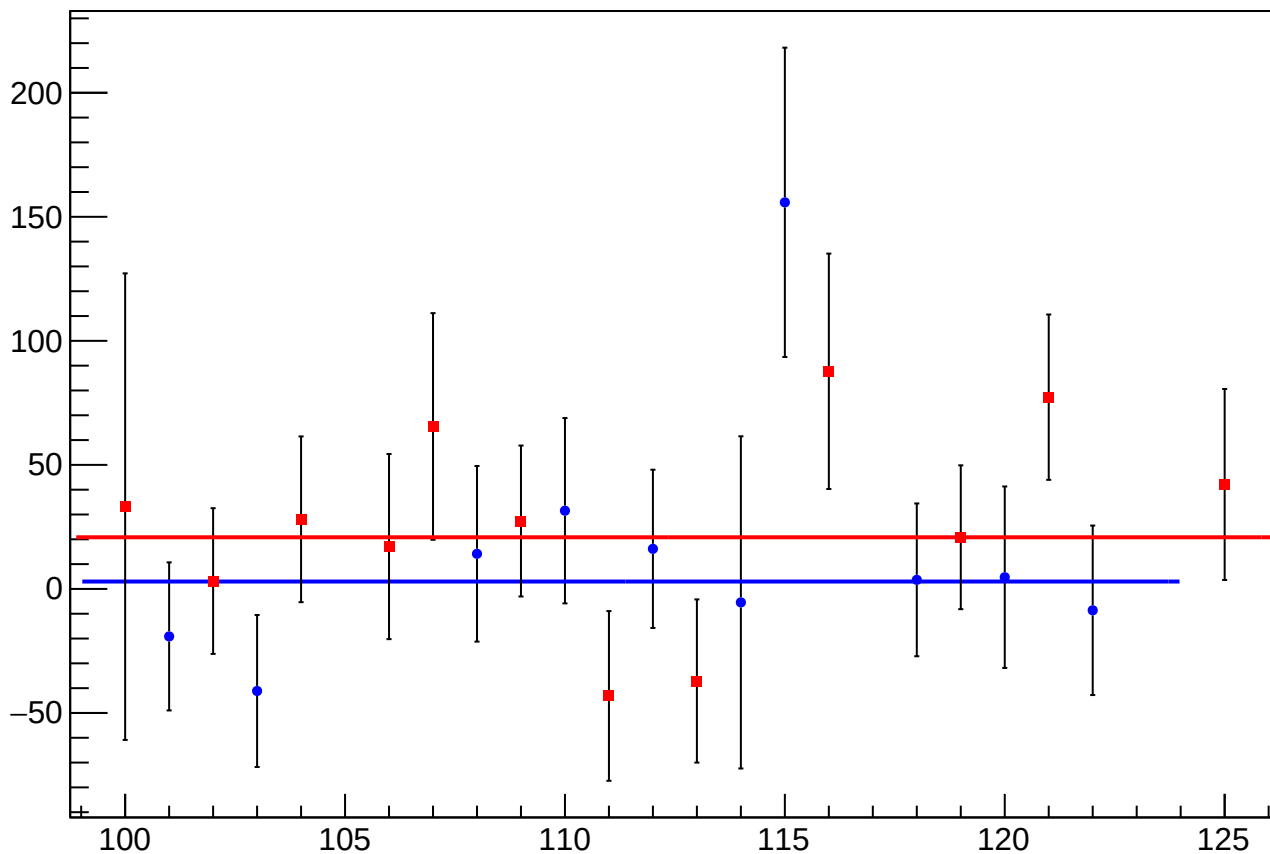
Right: 169.828+/-0.043 χ^2/NDF : 1788217.5/21

In: 178.620+/-0.066 χ^2/NDF : 599372.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.828+/-0.043 χ^2/NDF : 1788217.5/21

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: 20.821+/-10.295 χ^2/NDF : 13.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

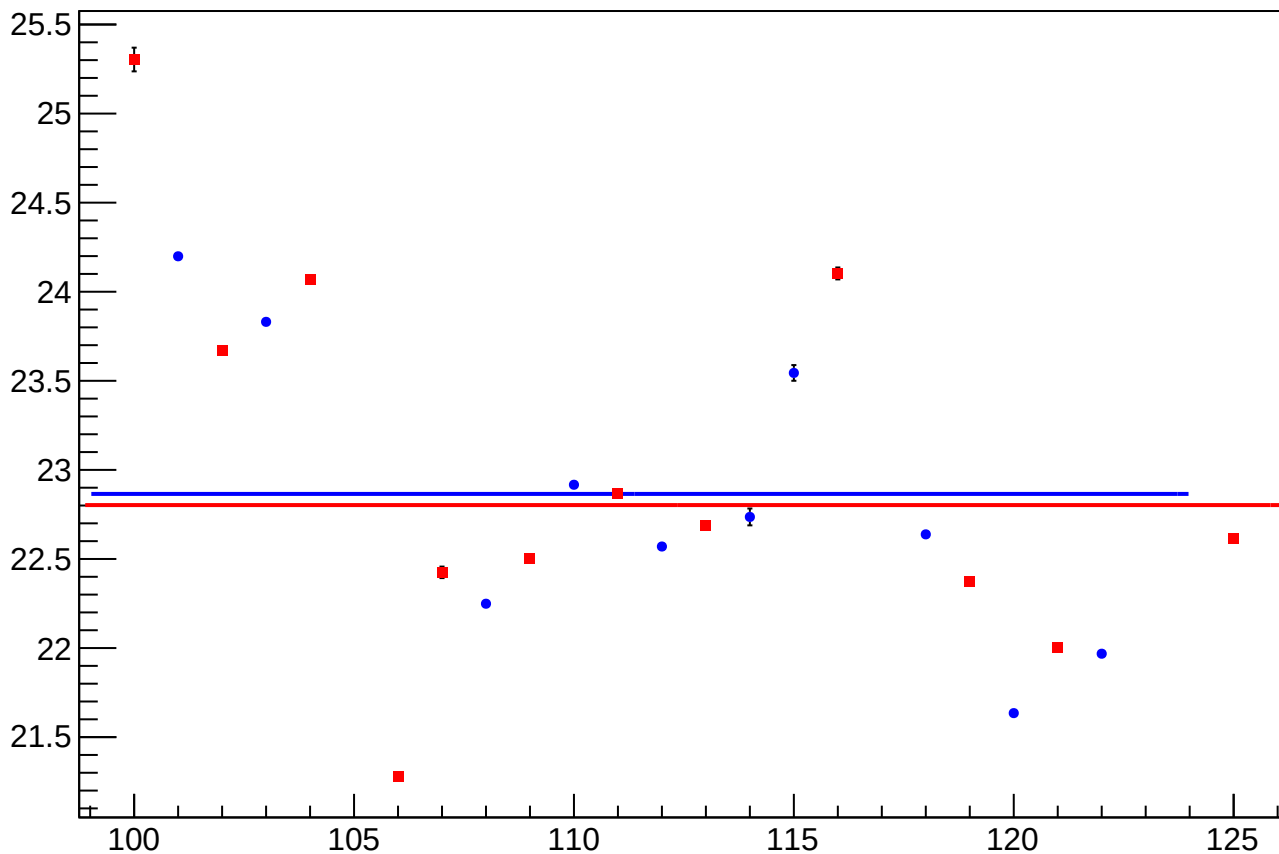
Right: 12.734+/-7.612 χ^2/NDF : 24.2/21

In: 2.981+/-11.305 χ^2/NDF : 9.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.734+/-7.612 χ^2/NDF : 24.2/21

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: 22.803+/-0.007 χ^2/NDF : 12848.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

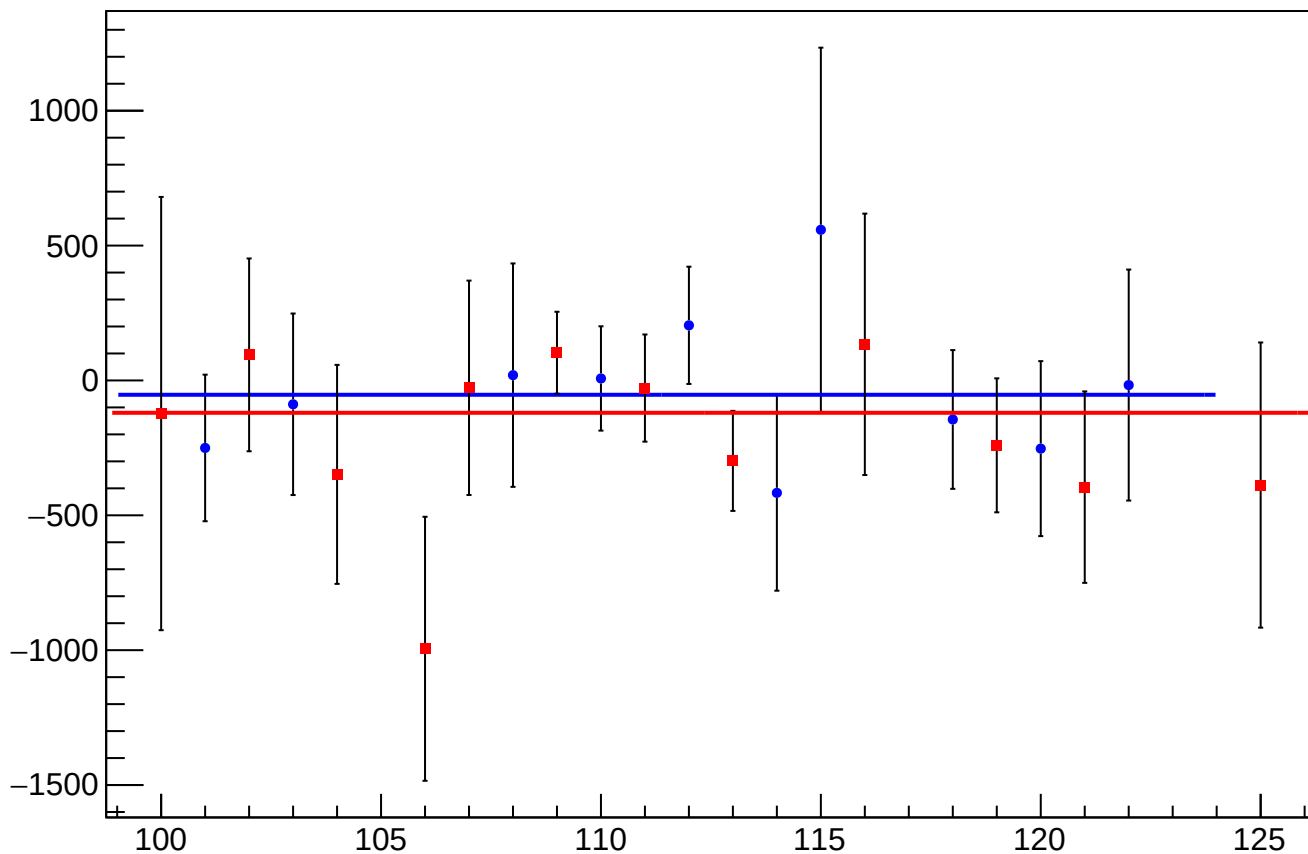
Right: 22.831+/-0.005 χ^2/NDF : 23641.9/21

In: 22.865+/-0.008 χ^2/NDF : 10759.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.831+/-0.005 χ^2/NDF : 23641.9/21

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: -119.929 ± 80.128 χ^2/NDF : 8.6/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

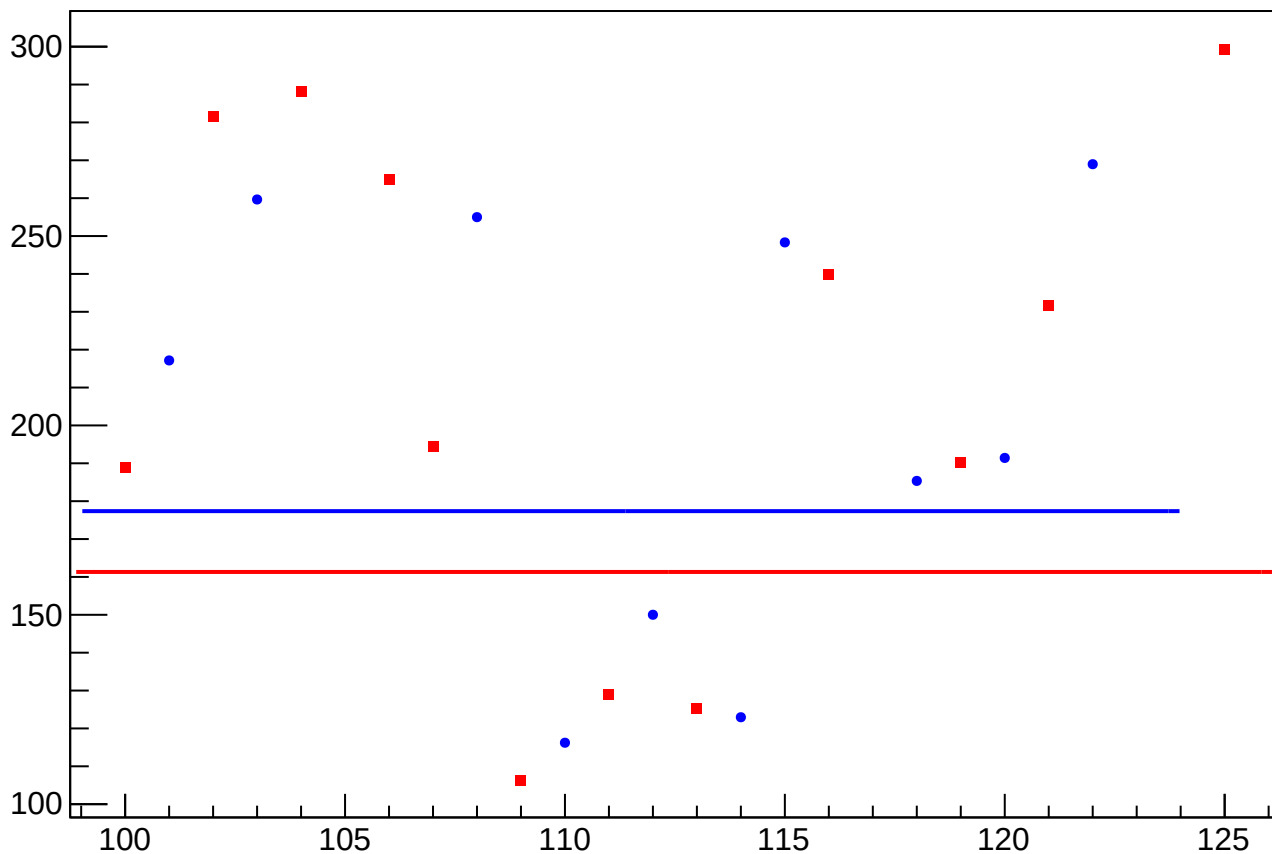
Right: -91.411 ± 60.663 χ^2/NDF : 13.3/21

In: -53.116 ± 92.853 χ^2/NDF : 4.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -91.411 ± 60.663 χ^2/NDF : 13.3/21

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: 161.314+/-0.057 χ^2/NDF : 1212153.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

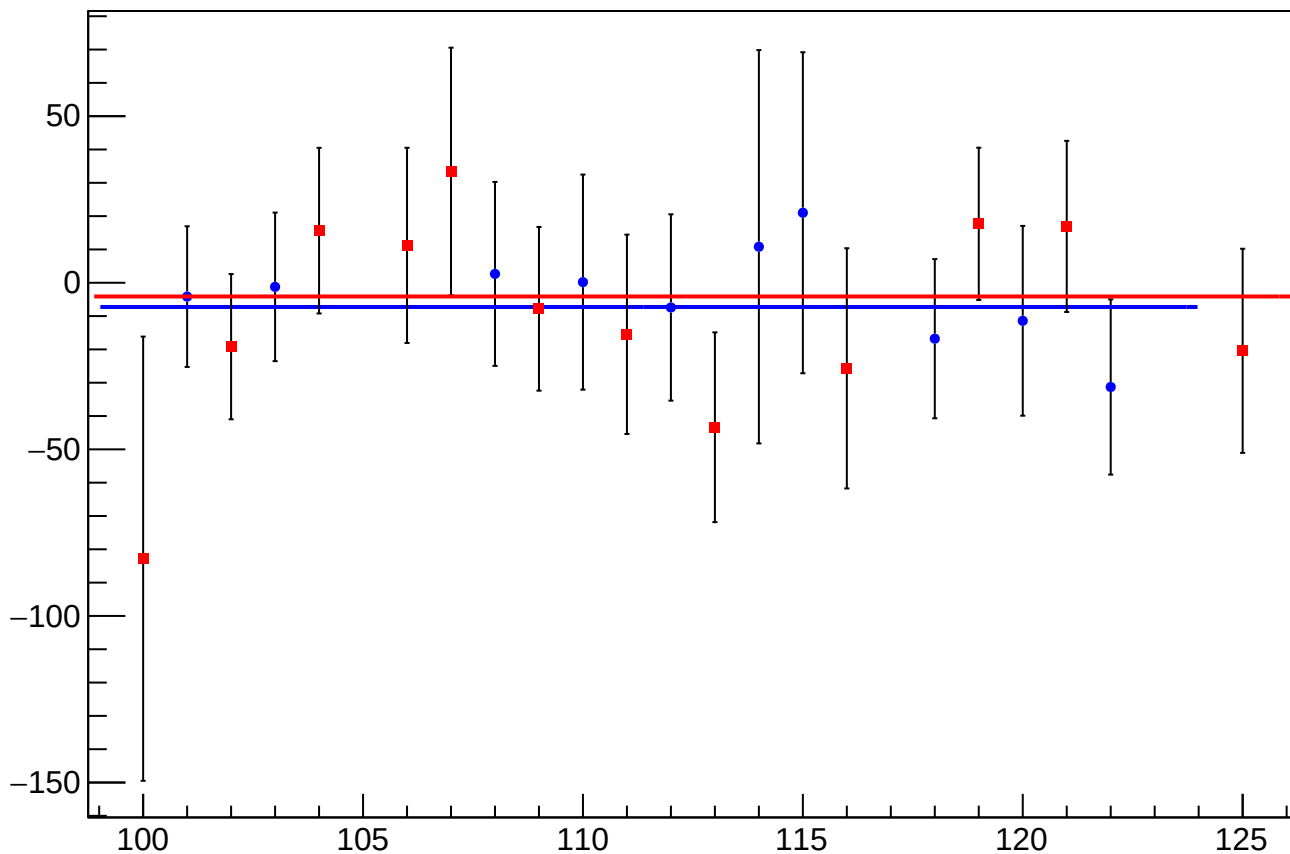
Right: 168.167+/-0.043 χ^2/NDF : 1875157.9/21

In: 177.370+/-0.066 χ^2/NDF : 628726.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.167+/-0.043 χ^2/NDF : 1875157.9/21

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: -4.114+/-8.135 χ^2/NDF : 8.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

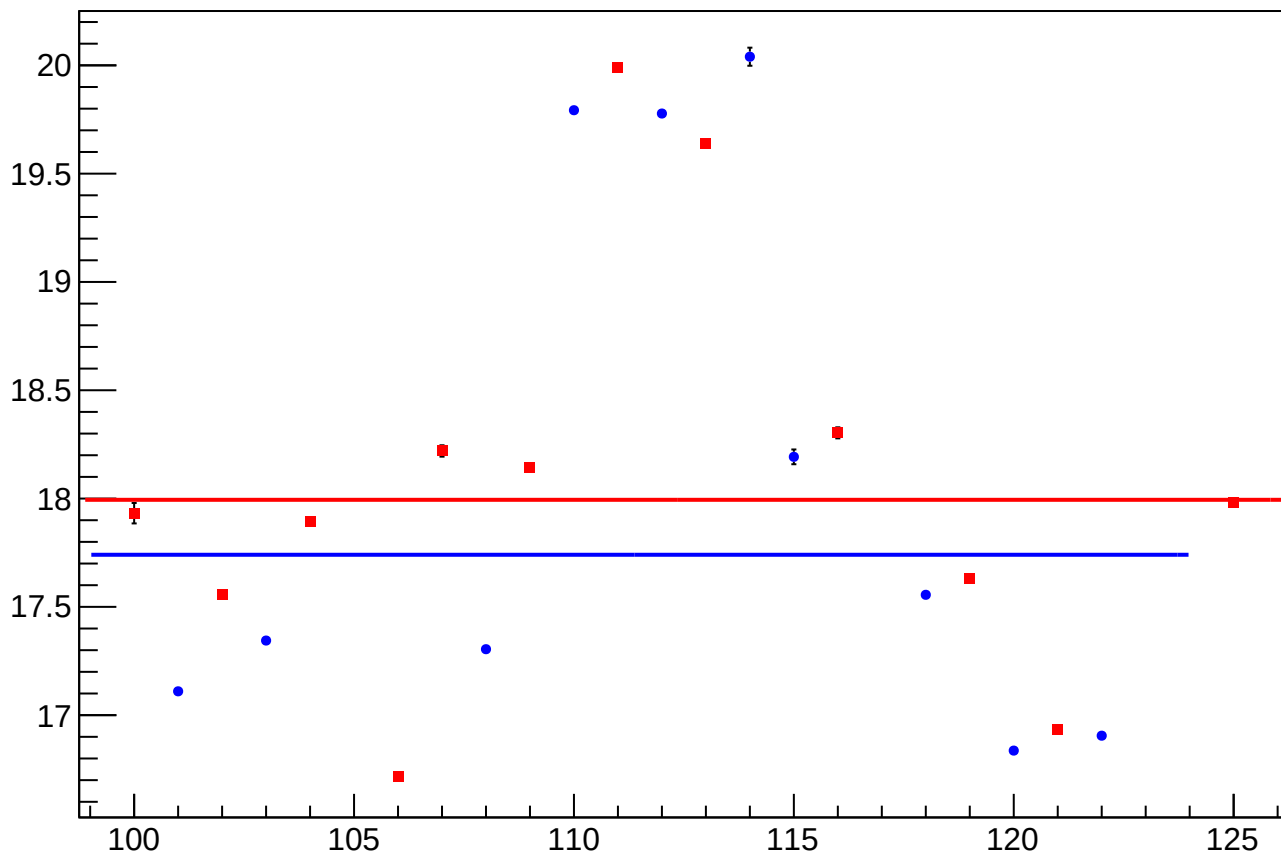
Right: -5.570+/-5.969 χ^2/NDF : 9.9/21

In: -7.269+/-8.786 χ^2/NDF :1.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.570+/-5.969 χ^2/NDF : 9.9/21

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: 17.994+/-0.006 χ^2/NDF : 24414.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

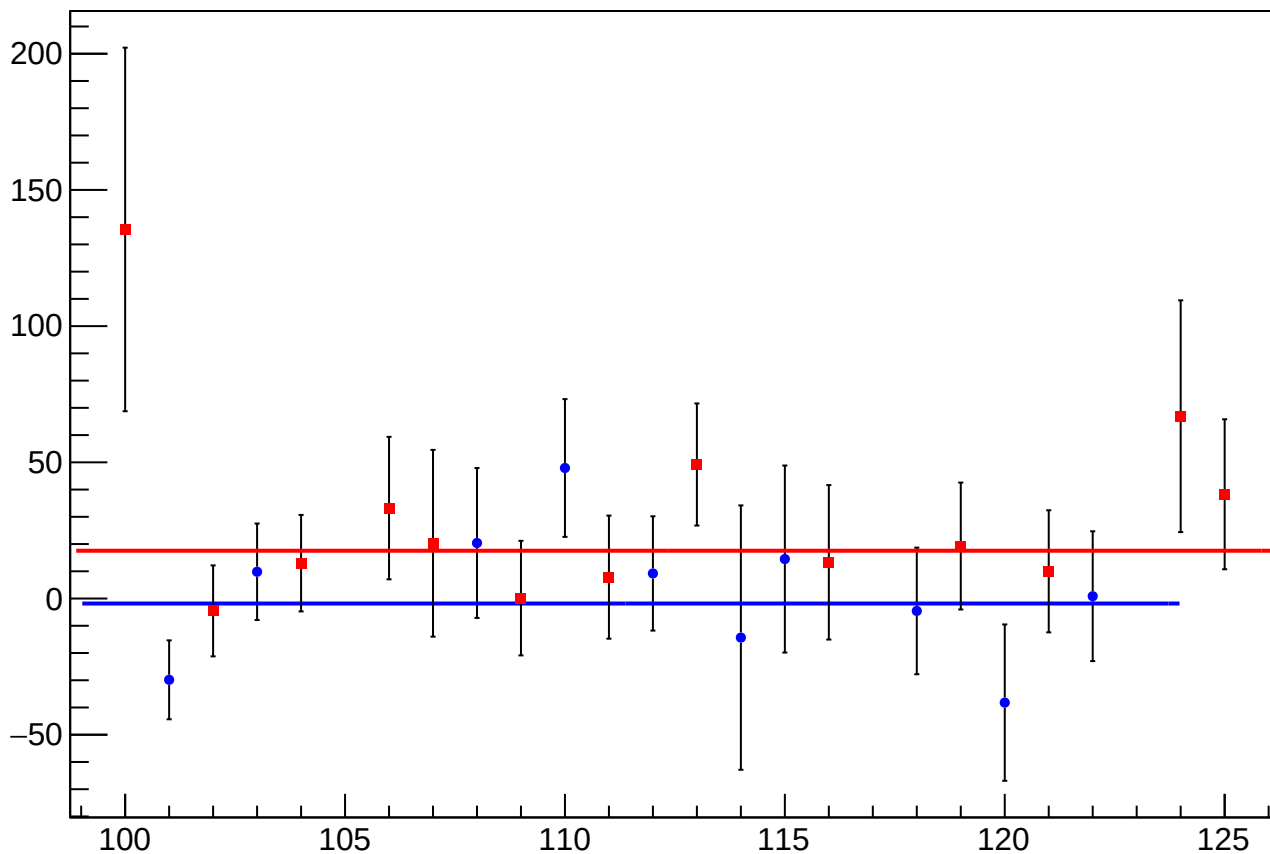
Right: 17.877+/-0.004 χ^2/NDF : 54287.7/21

In: 17.740+/-0.006 χ^2/NDF : 28975.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.877+/-0.004 χ^2/NDF : 54287.7/21

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: 17.551+/-6.671 χ^2/NDF : 10.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

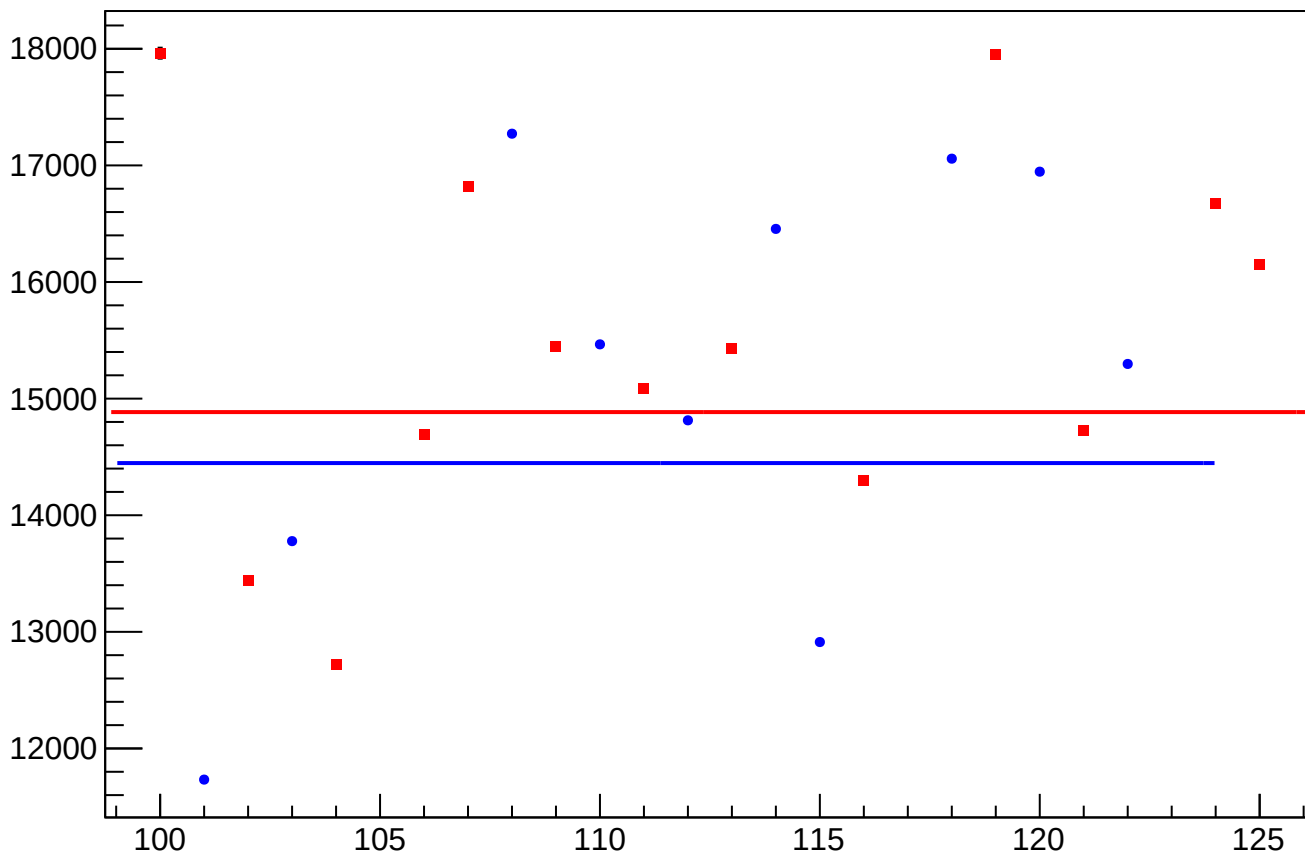
Right: 8.618+/-4.898 χ^2/NDF : 25.0/22

In: -1.833+/-7.215 χ^2/NDF :10.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 8.618+/-4.898 χ^2/NDF : 25.0/22

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: 14884.611+/-4.717 χ^2/NDF : 101667.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

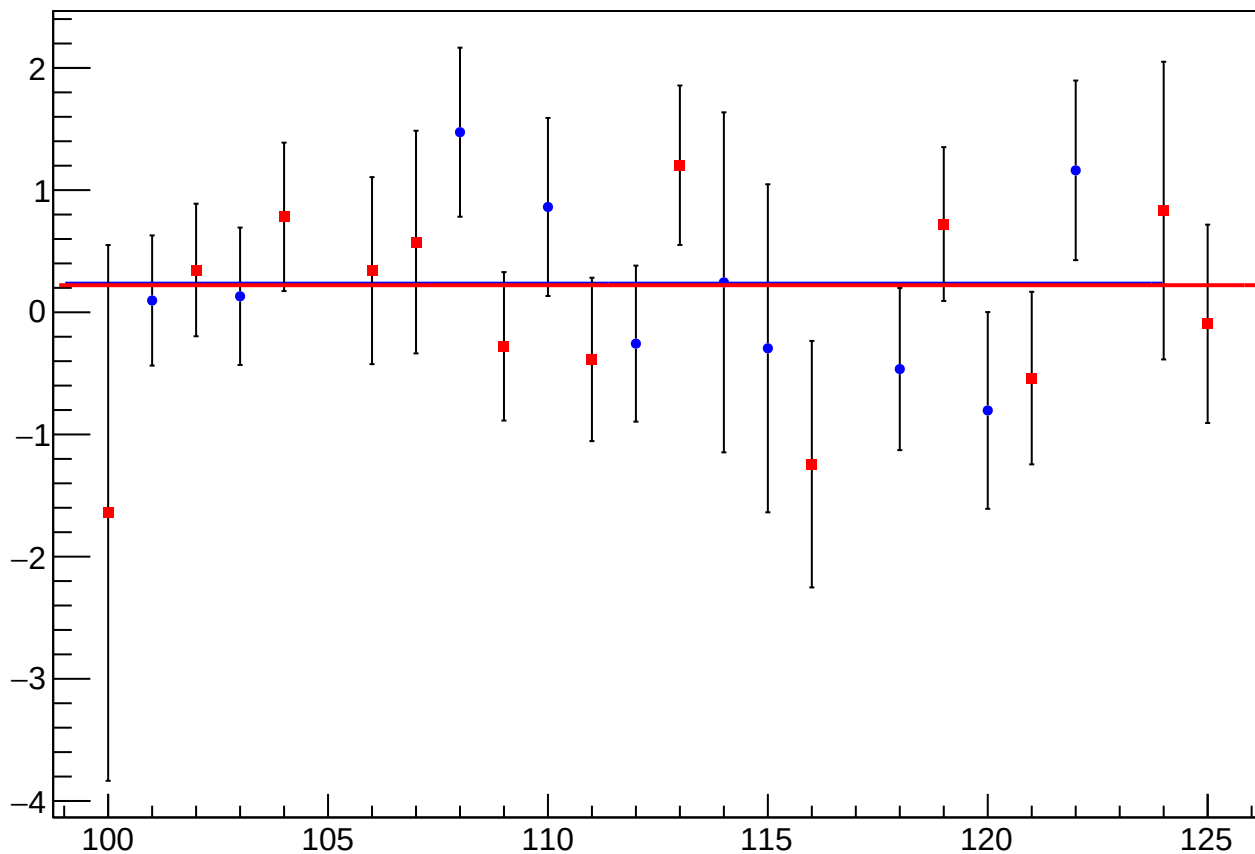
Right: 14683.120+/-3.464 χ^2/NDF : 253986.8/22

In: 14447.389+/-5.102 χ^2/NDF : 148360.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14683.120+/-3.464 χ^2/NDF : 253986.8/22

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: 0.222+/-0.203 χ^2/NDF : 9.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

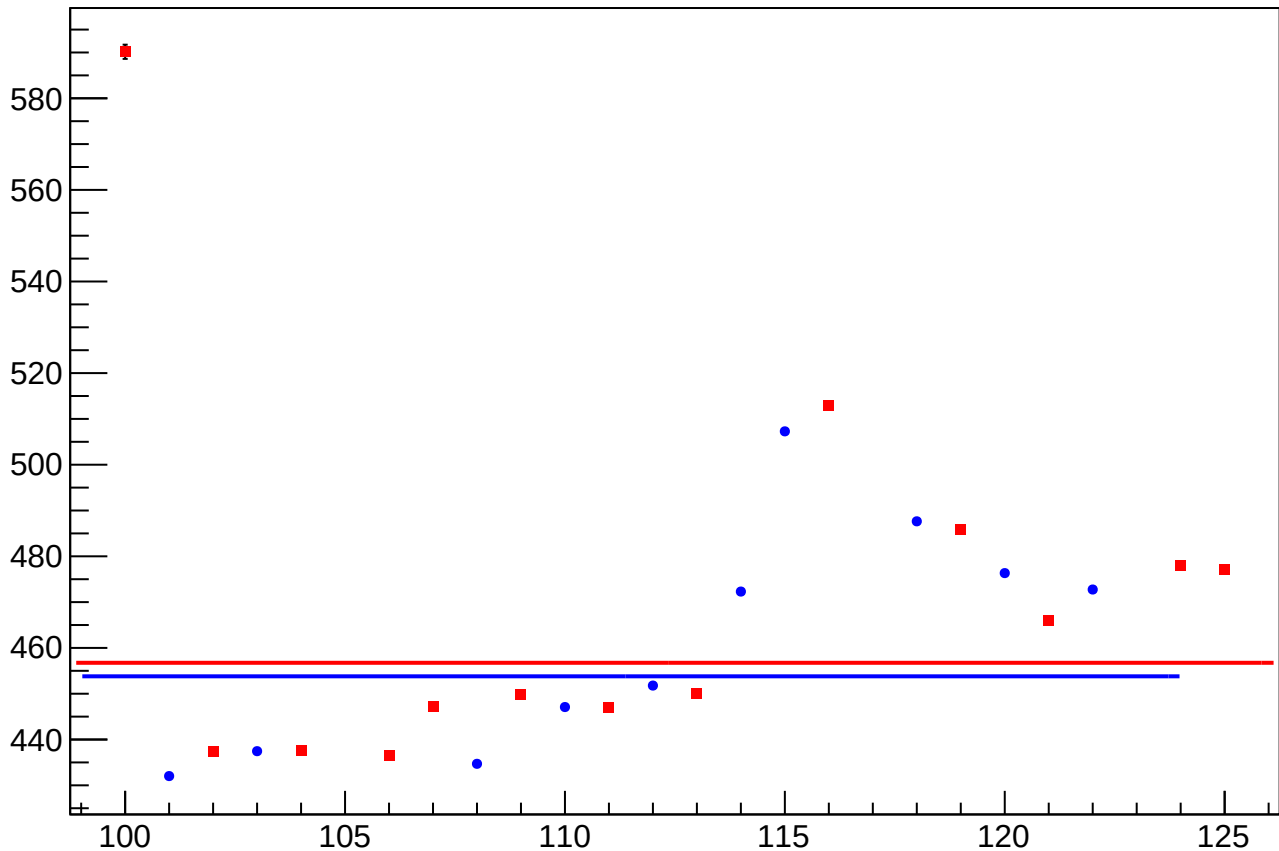
Right: 0.227+/-0.151 χ^2/NDF : 19.0/22

In: 0.234+/-0.224 χ^2/NDF : 9.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.227+/-0.151 χ^2/NDF : 19.0/22

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: 456.753+/-0.144 χ^2/NDF : 27063.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

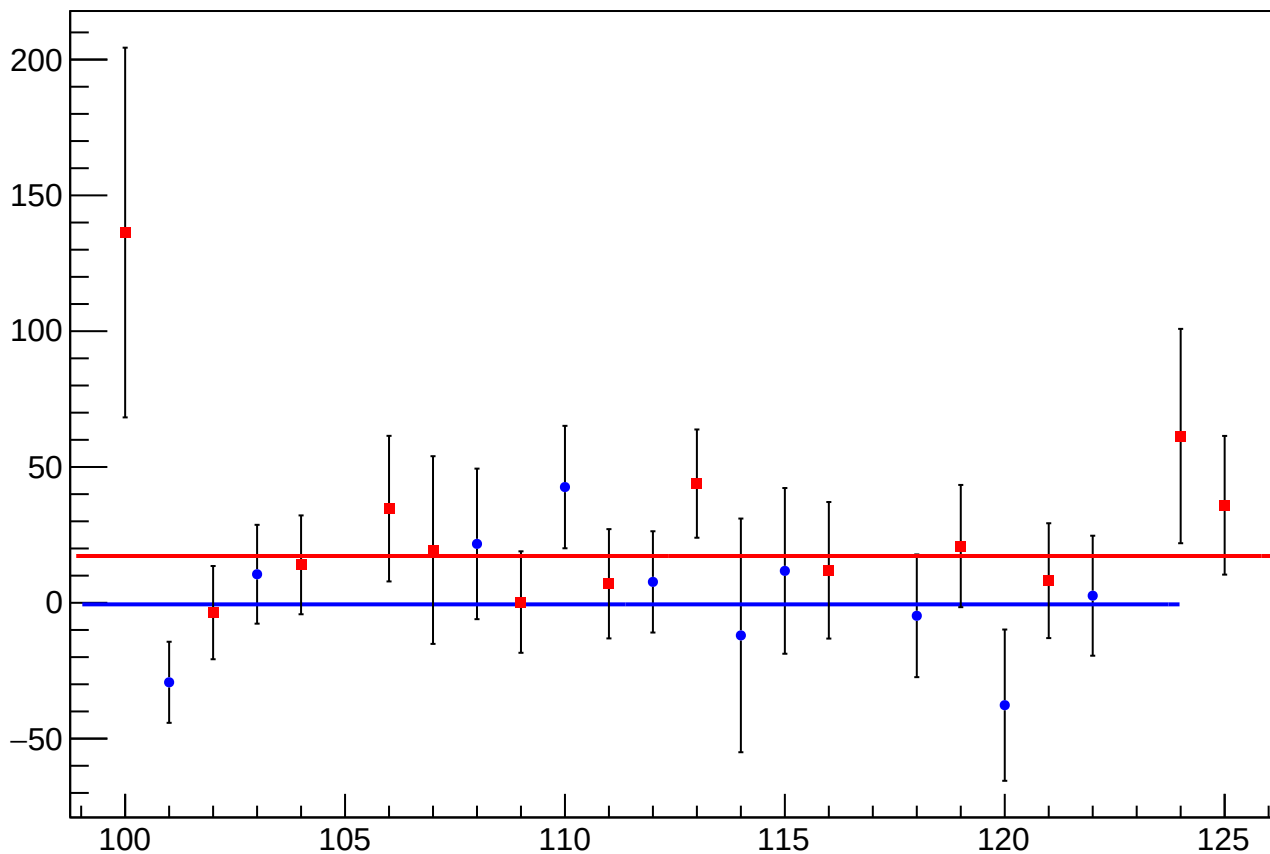
Right: 455.423+/-0.107 χ^2/NDF : 45620.0/22

In: 453.799+/-0.159 χ^2/NDF : 18366.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 455.423+/-0.107 χ^2/NDF : 45620.0/22

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: 17.232+/-6.365 χ^2/NDF : 9.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

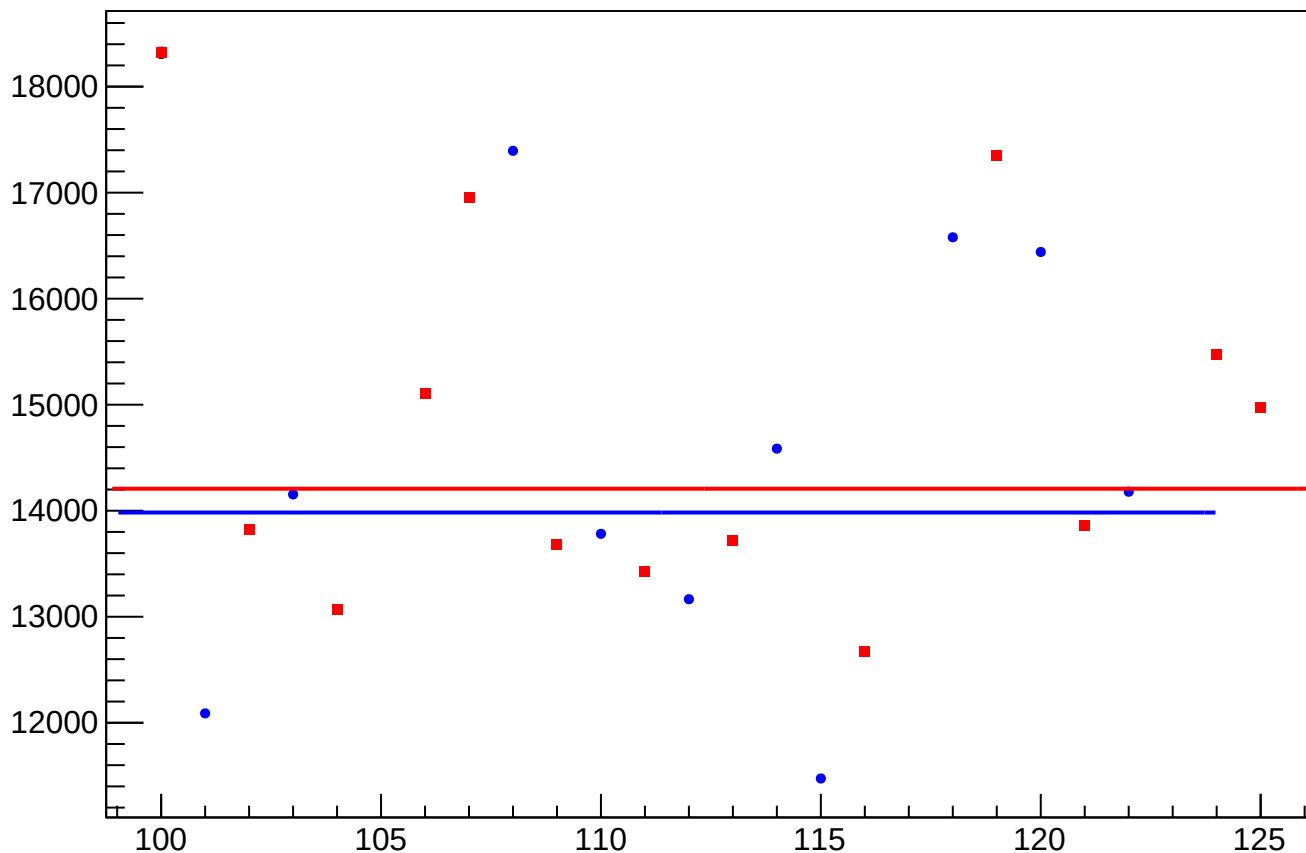
Right: 9.138+/-4.701 χ^2/NDF : 24.1/22

In: -0.575+/-6.972 χ^2/NDF :10.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 9.138+/-4.701 χ^2/NDF : 24.1/22

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: 14207.649+/-4.500 χ^2/NDF : 87611.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

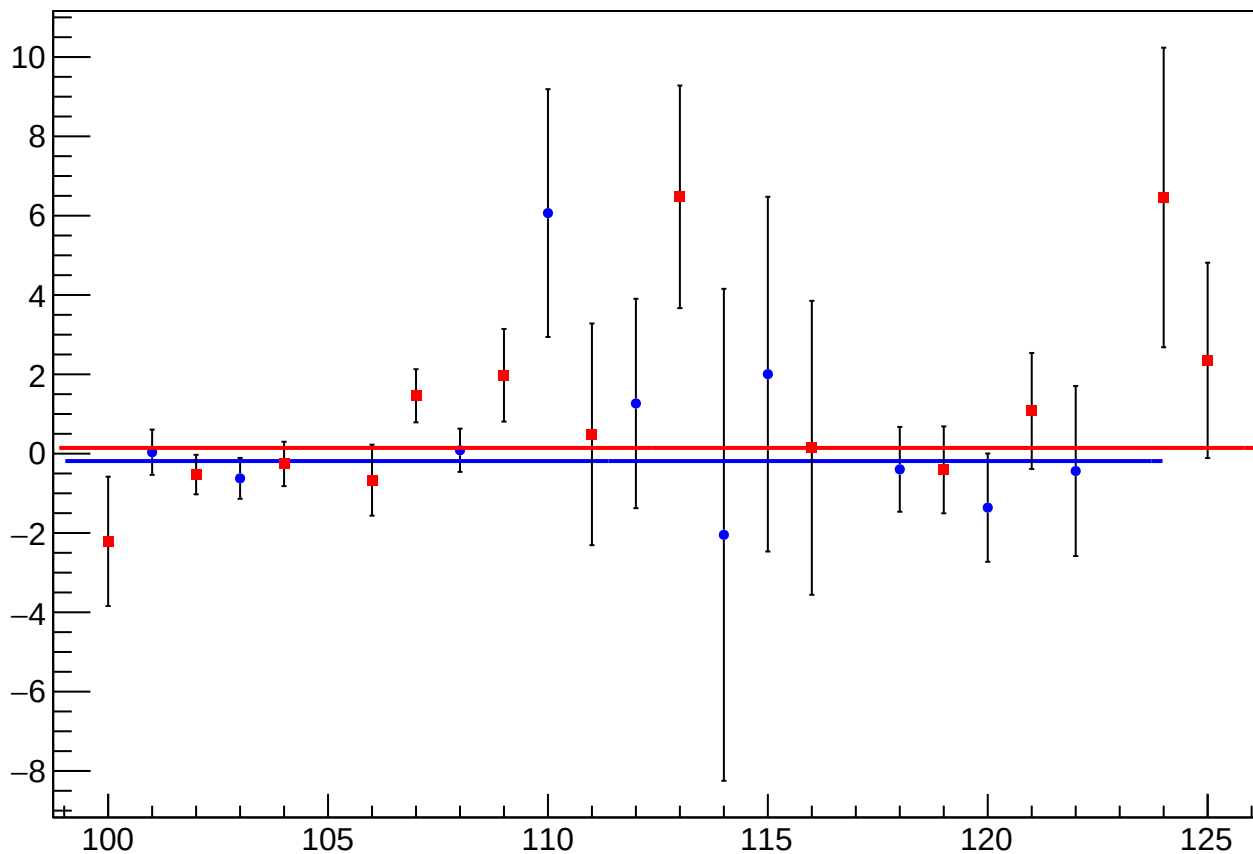
Right: 14105.460+/-3.324 χ^2/NDF : 211508.8/22

In: 13982.827+/-4.930 χ^2/NDF : 122762.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14105.460+/-3.324 χ^2/NDF : 211508.8/22

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: 0.145+/-0.270 χ^2/NDF : 20.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

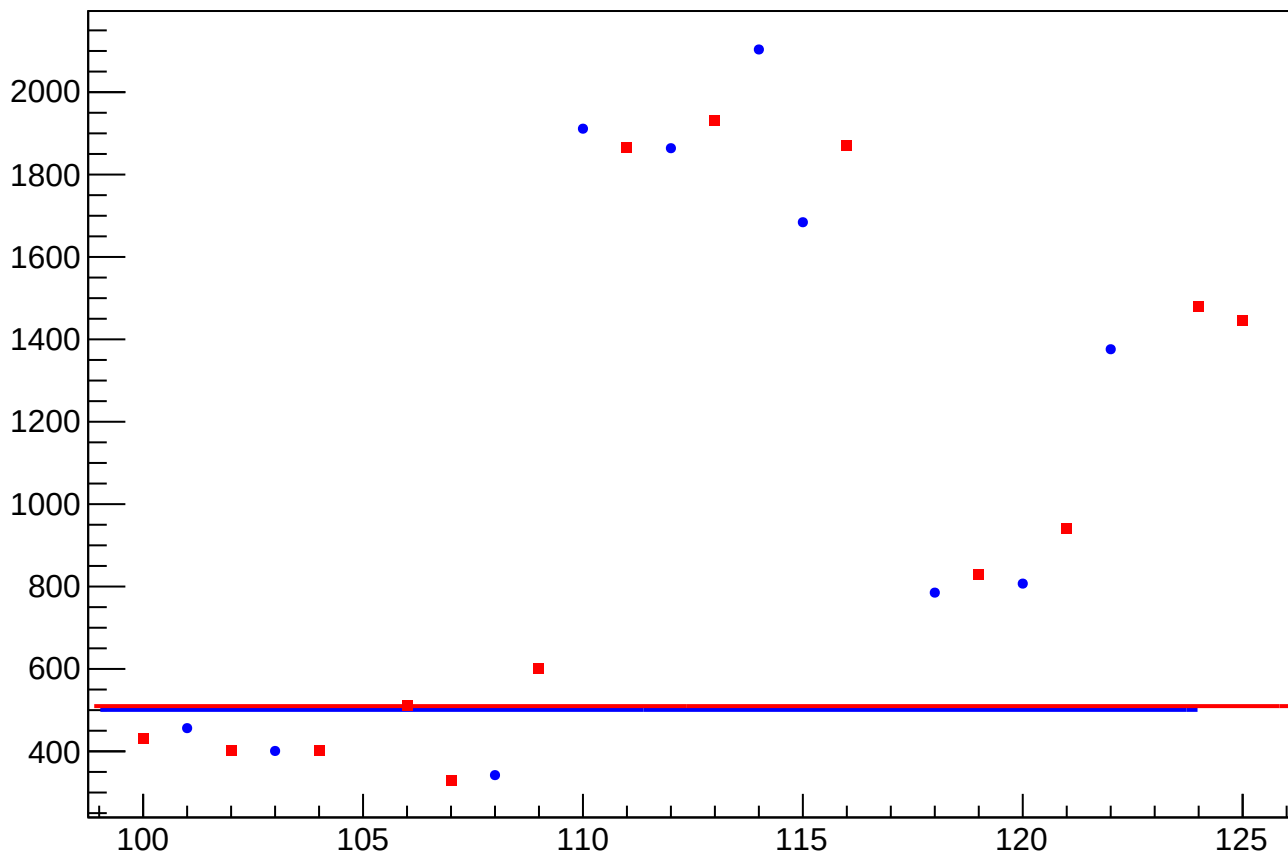
Right: -0.011+/-0.197 χ^2/NDF : 28.2/22

In: -0.186+/-0.287 χ^2/NDF : 6.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.197 χ^2/NDF : 28.2/22

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: 509.759+/-0.191 χ^2/NDF : 2352993.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

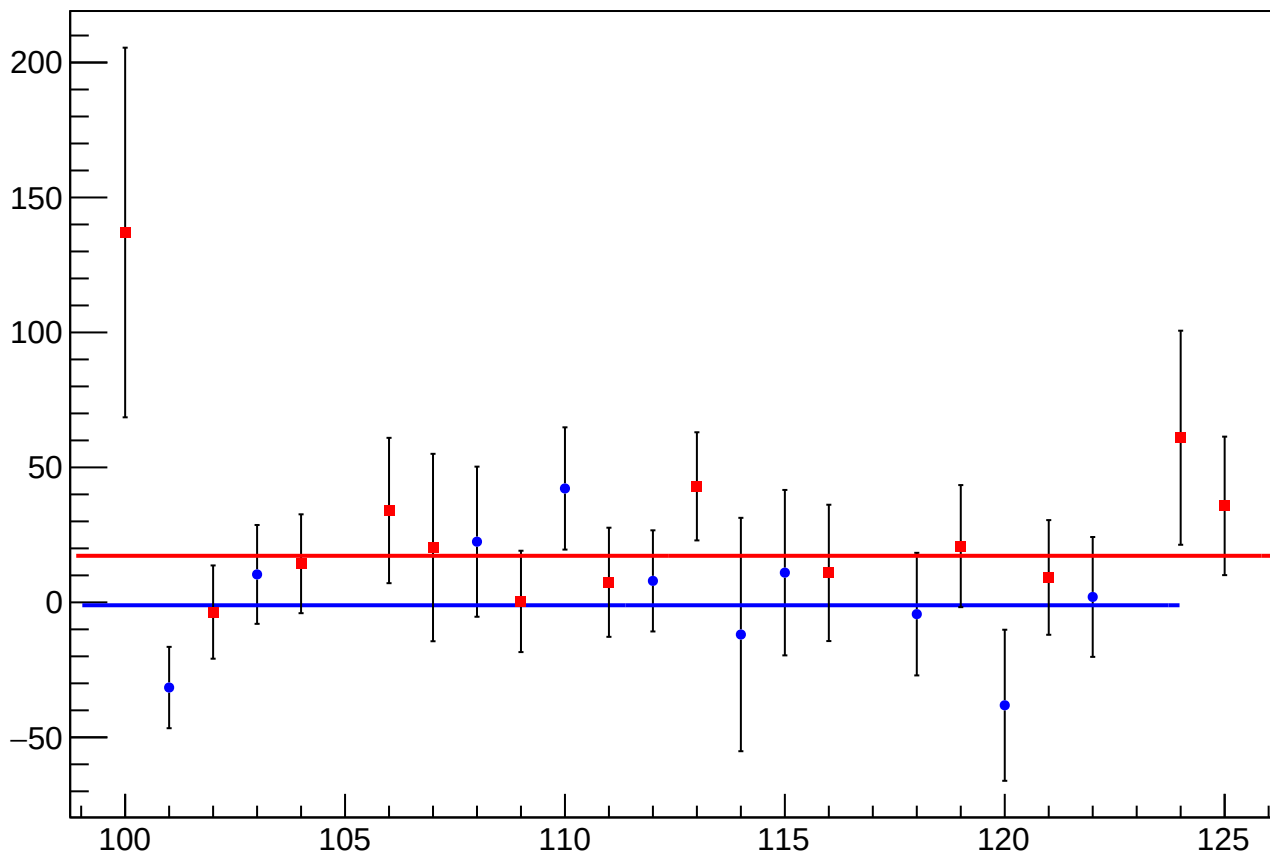
Right: 505.470+/-0.139 χ^2/NDF : 4401775.2/22

In: 500.645+/-0.203 χ^2/NDF : 2047712.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 505.470+/-0.139 χ^2/NDF : 4401775.2/22

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: 17.251+/-6.398 χ^2/NDF : 9.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

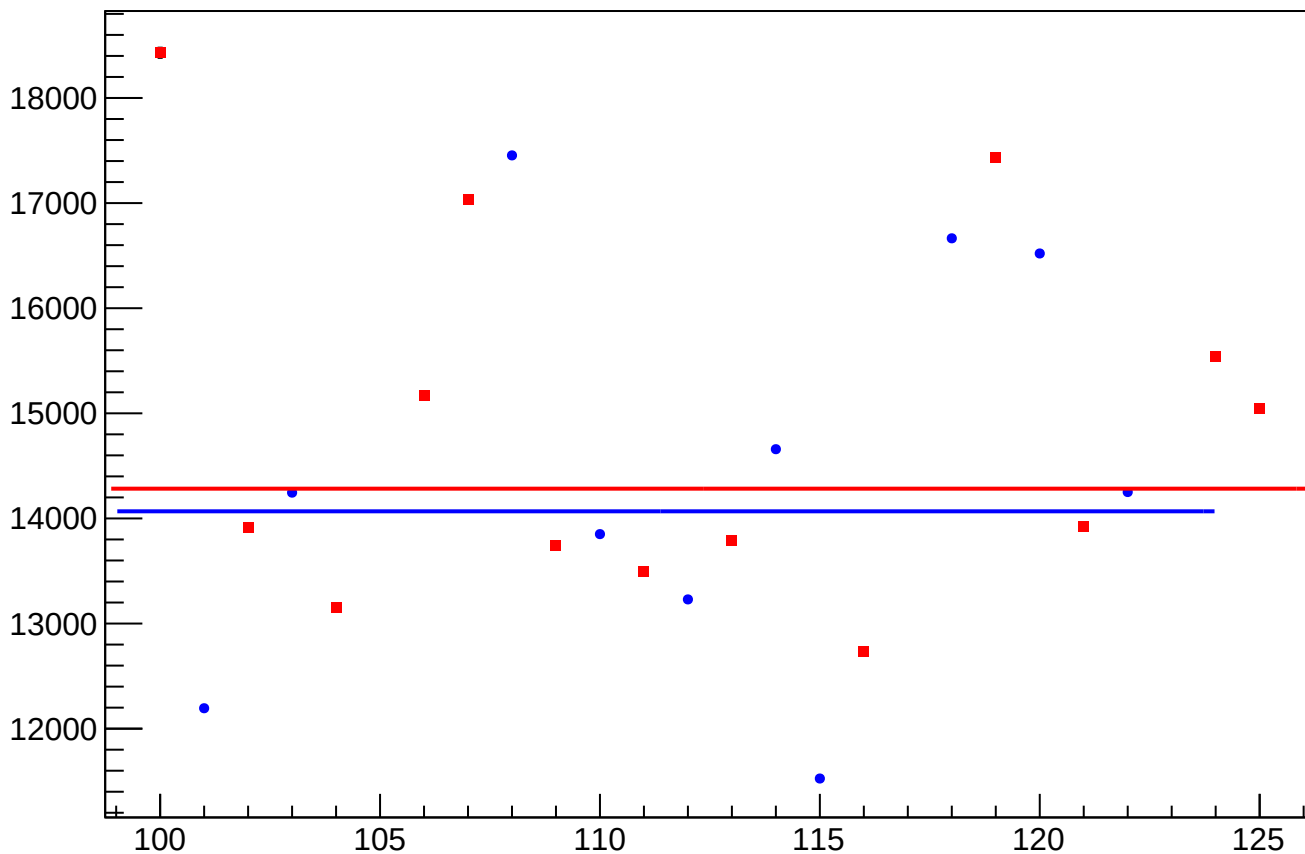
Right: 8.929+/-4.727 χ^2/NDF : 24.4/22

In: -1.074+/-7.015 χ^2/NDF :11.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 8.929+/-4.727 χ^2/NDF : 24.4/22

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: 14283.185+/-4.524 χ^2/NDF : 87238.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

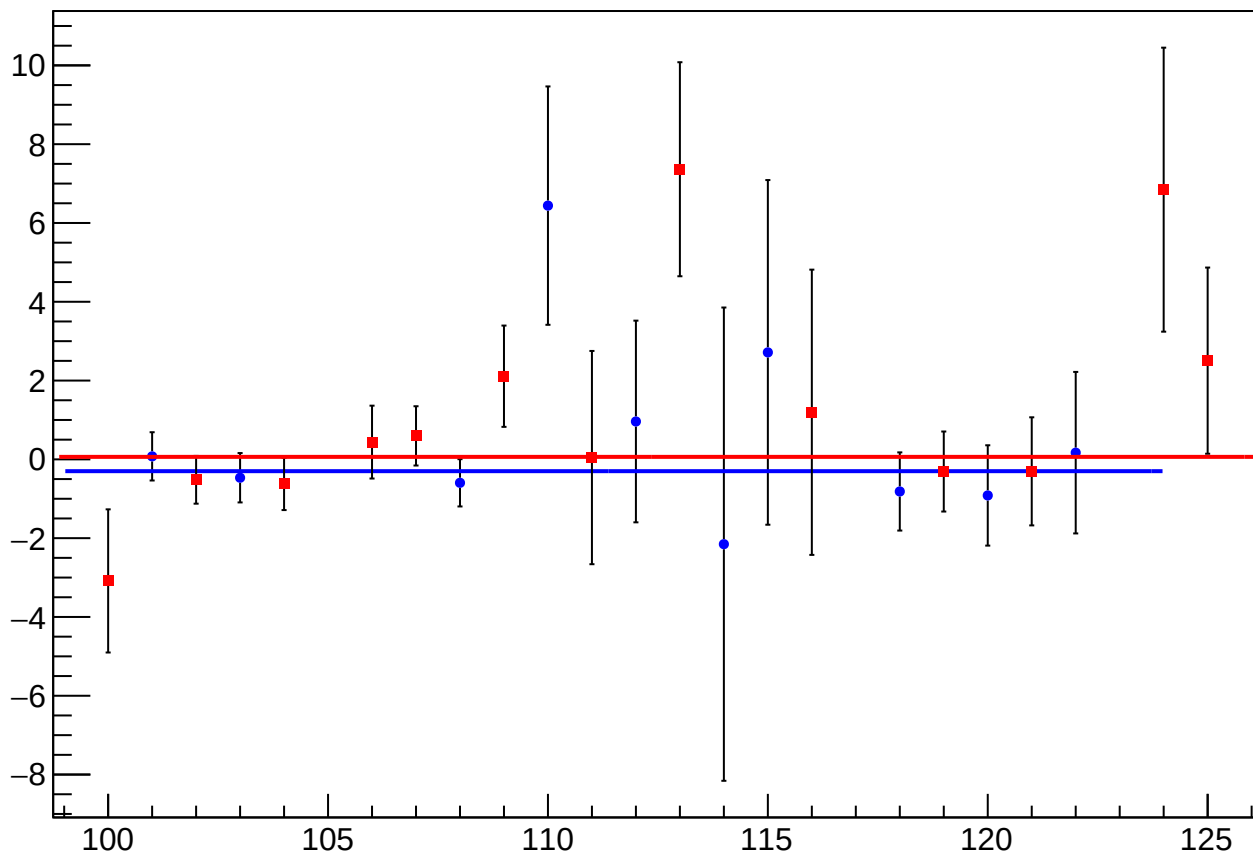
Right: 14185.352+/-3.343 χ^2/NDF : 209019.0/22

In: 14067.763+/-4.960 χ^2/NDF : 120751.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14185.352+/-3.343 χ^2/NDF : 209019.0/22

diff_bpm_4aX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: -0.300+/-0.313 χ^2/NDF : 7.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.063+/-0.302 χ^2/NDF : 20.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

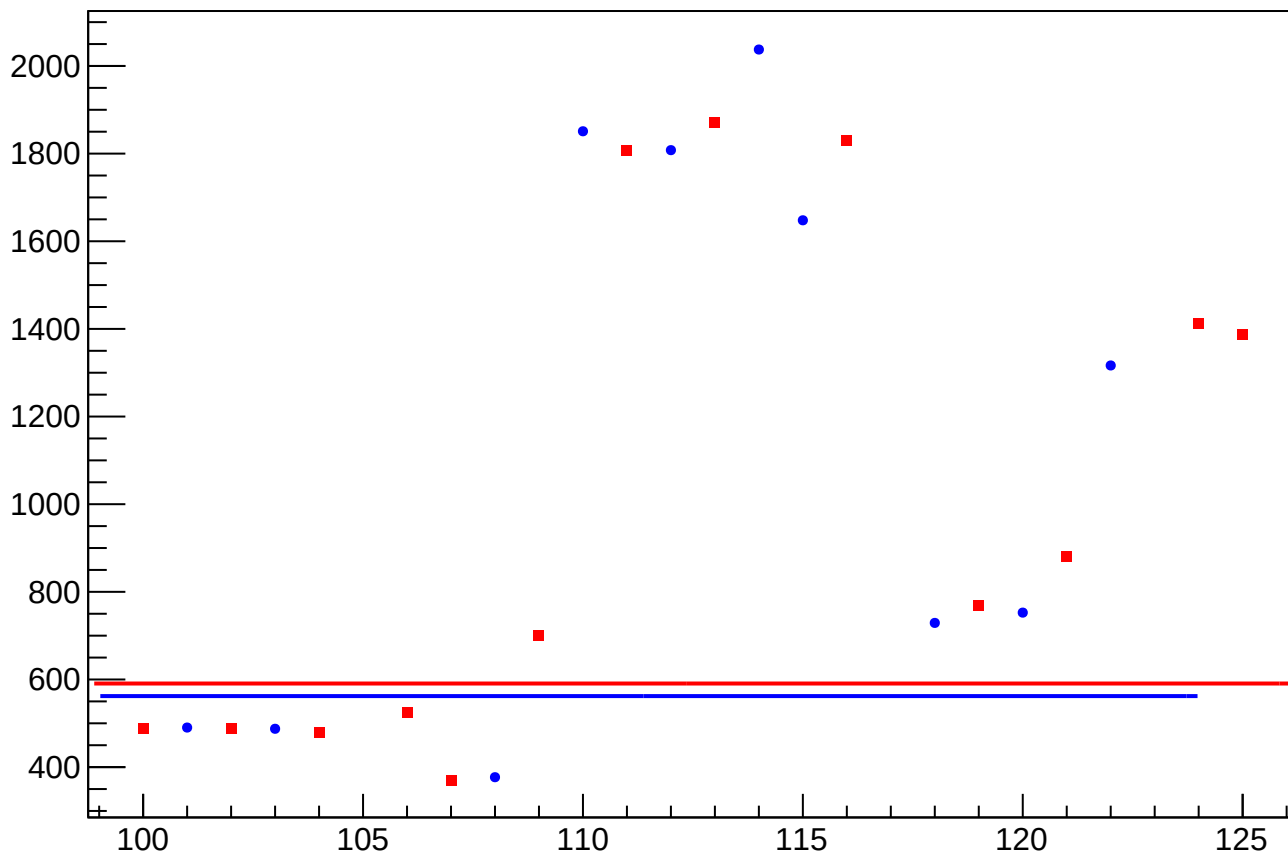
Right: -0.112+/-0.217 χ^2/NDF : 28.1/22

In: -0.300+/-0.313 χ^2/NDF : 7.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.112+/-0.217 χ^2/NDF : 28.1/22

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: 590.802+/-0.214 χ^2/NDF : 1882473.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

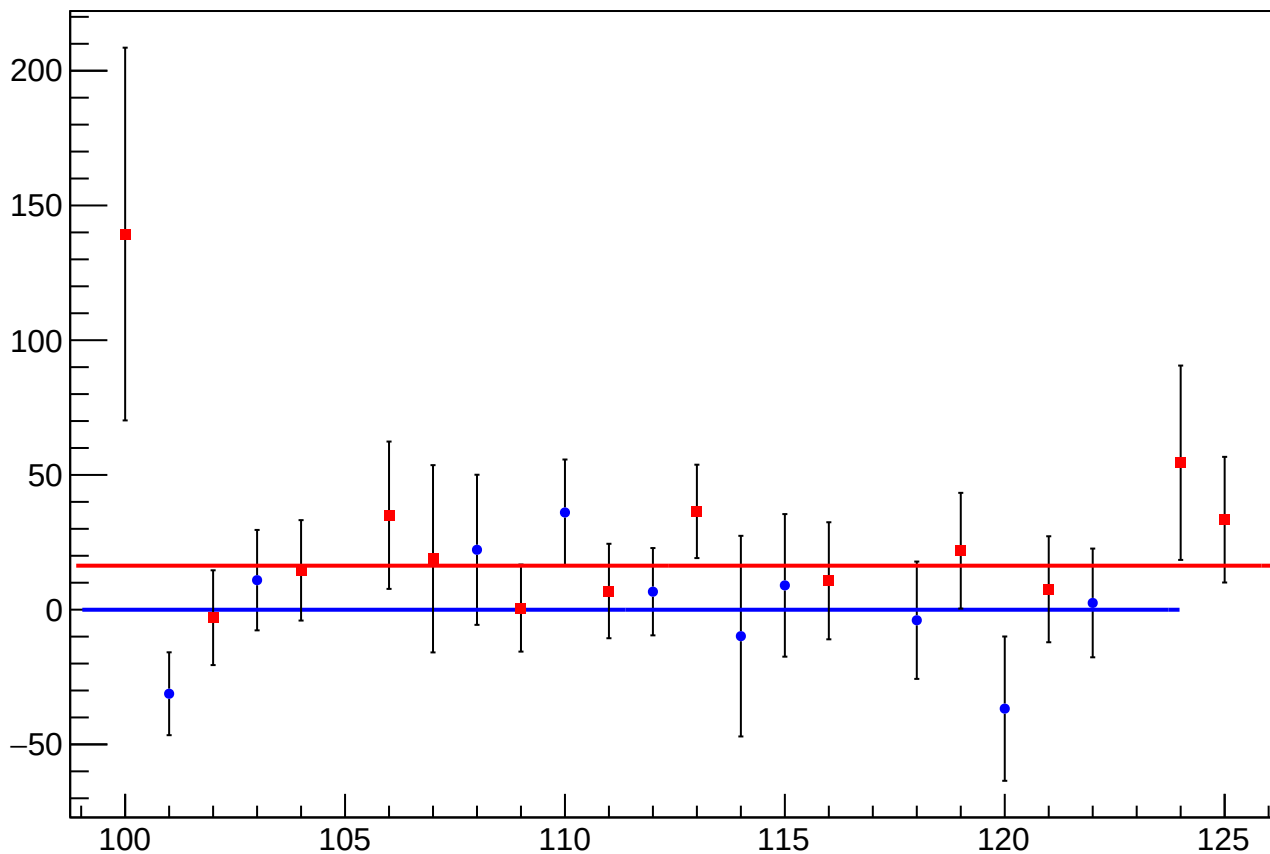
Right: 576.958+/-0.154 χ^2/NDF : 3590378.5/22

In: 562.108+/-0.221 χ^2/NDF :1699211.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 576.958+/-0.154 χ^2/NDF : 3590378.5/22

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: 16.322 ± 5.935 χ^2/NDF : 9.4/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

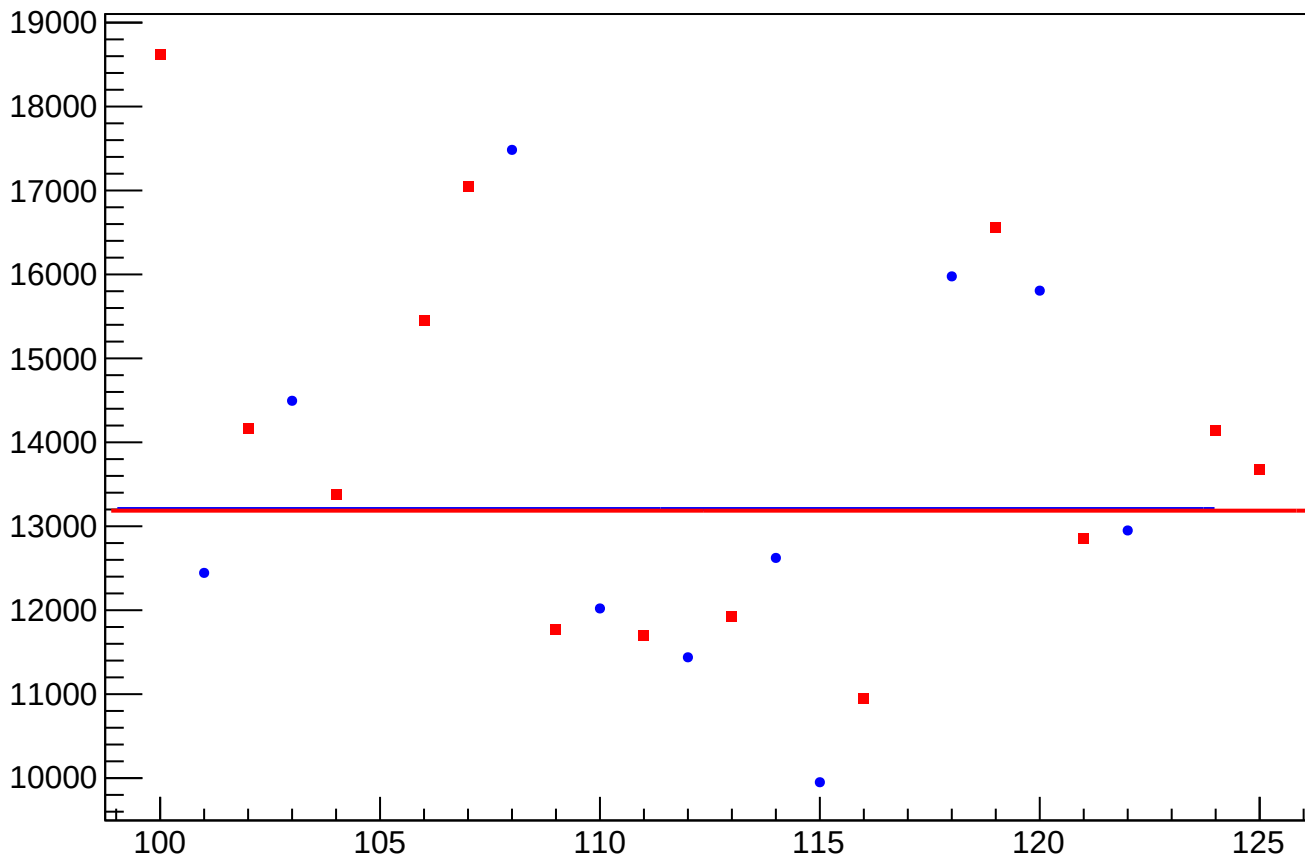
Right: 9.020 ± 4.415 χ^2/NDF : 23.6/22

In: -0.028 ± 6.607 χ^2/NDF : 10.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 9.020 ± 4.415 χ^2/NDF : 23.6/22

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: 13185.908+/-4.197 χ^2/NDF : 170750.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

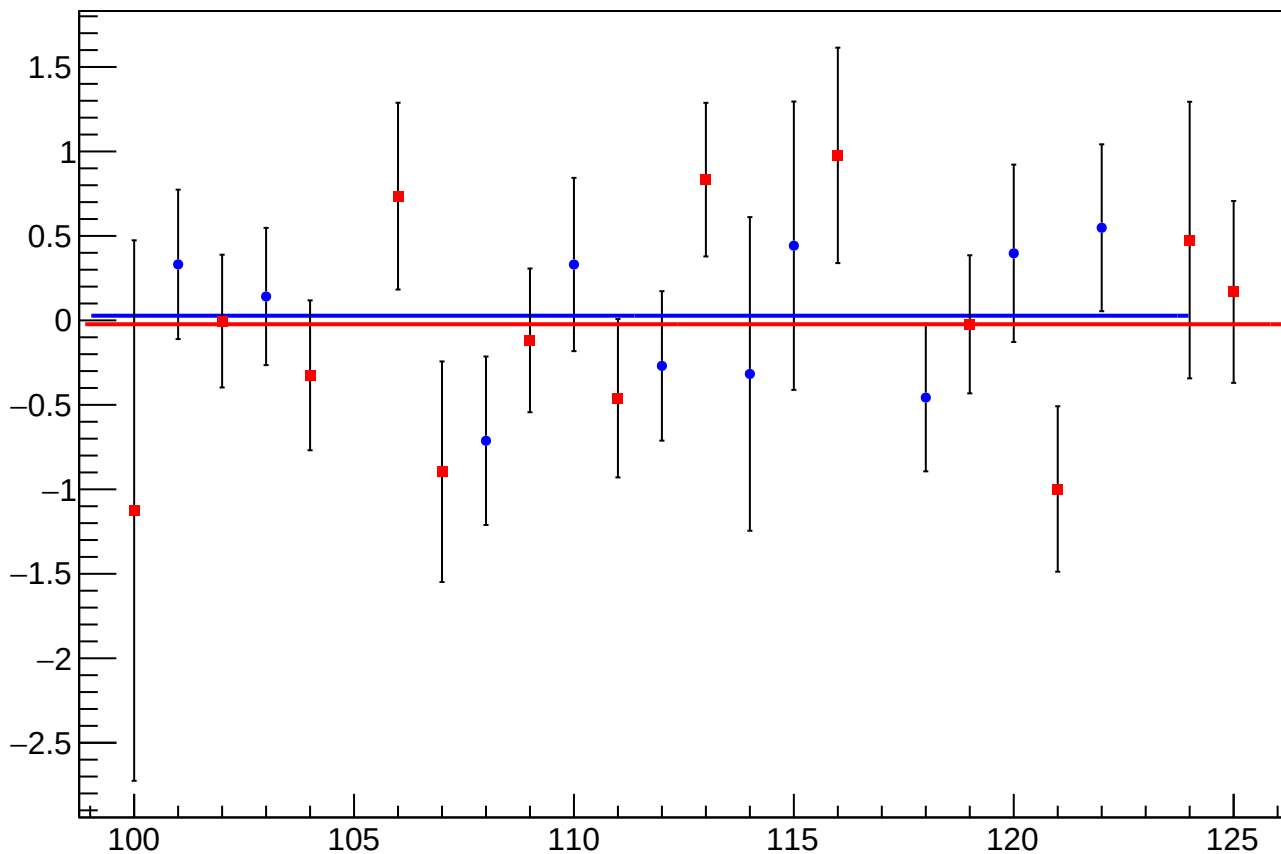
Right: 13194.531+/-3.122 χ^2/NDF : 345828.9/22

In: 13205.215+/-4.672 χ^2/NDF :175069.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 13194.531+/-3.122 χ^2/NDF : 345828.9/22

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: -0.023+/-0.141 χ^2/NDF : 16.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

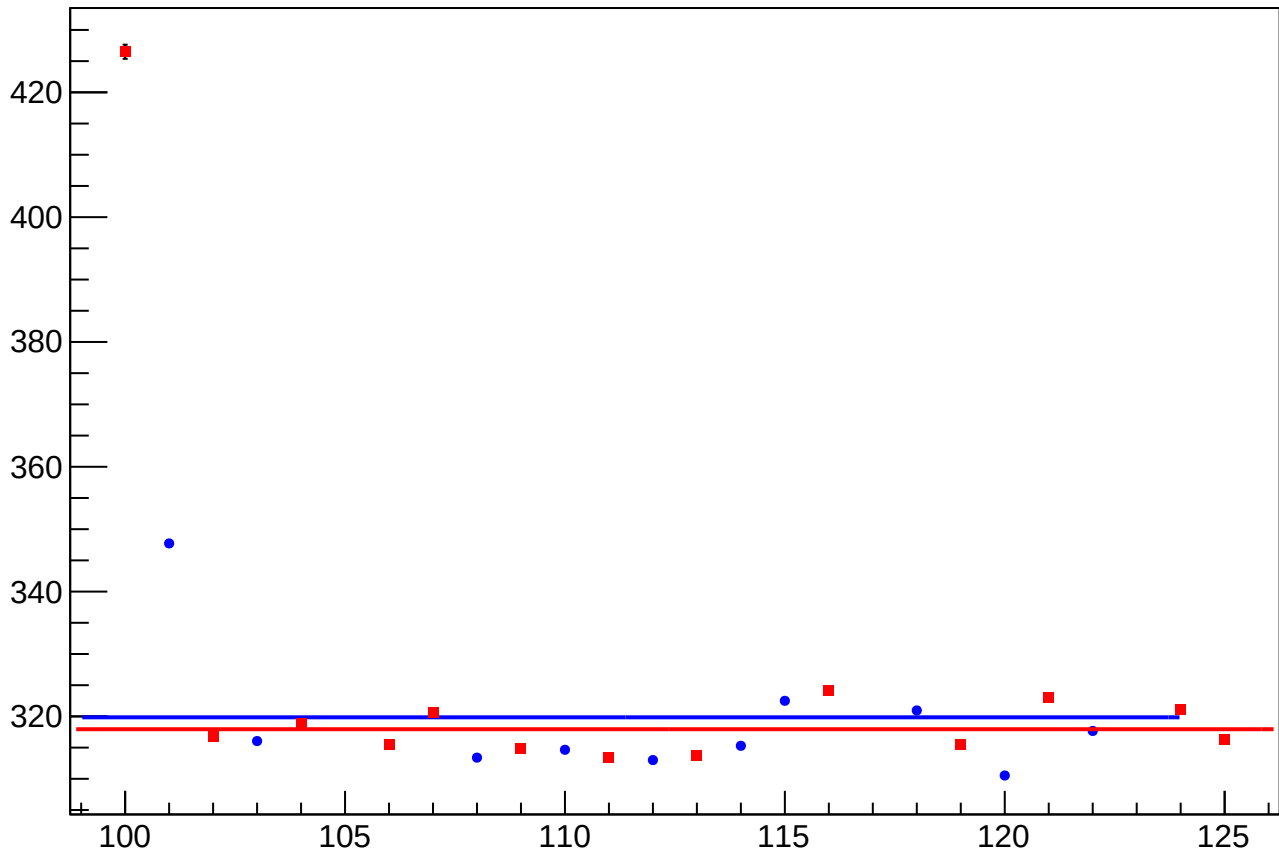
Right: -0.000+/-0.106 χ^2/NDF : 22.8/22

In: 0.028+/-0.159 χ^2/NDF : 6.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.106 χ^2/NDF : 22.8/22

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: 317.947+/-0.100 χ^2/NDF : 10299.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

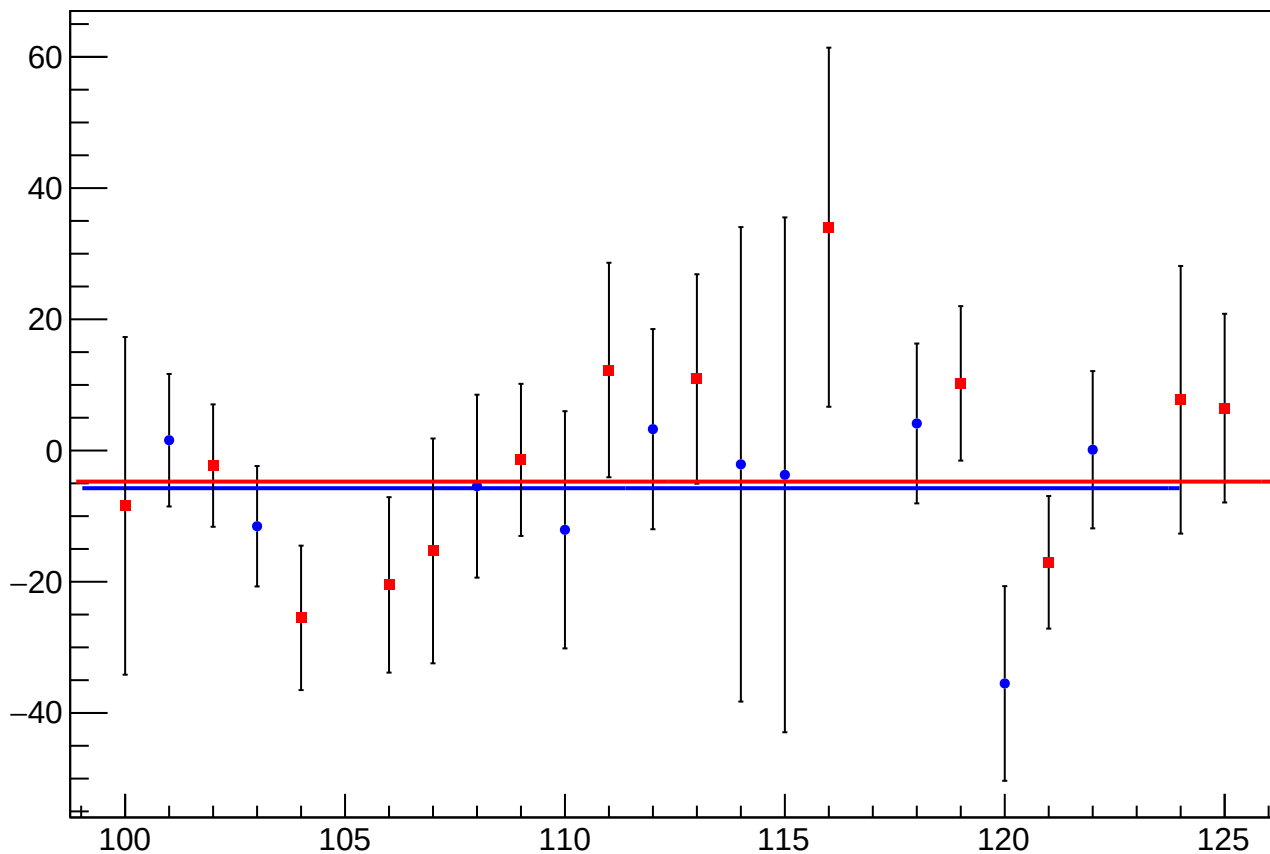
Right: 318.790+/-0.075 χ^2/NDF : 20350.9/22

In: 319.855+/-0.112 χ^2/NDF : 9890.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 318.790+/-0.075 χ^2/NDF : 20350.9/22

diff_bpm_4aY_4acY_avg_mean vs Slug, Sign Corrected



Right In: -5.742+/-4.310 χ^2/NDF : 6.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.733+/-3.754 χ^2/NDF : 13.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

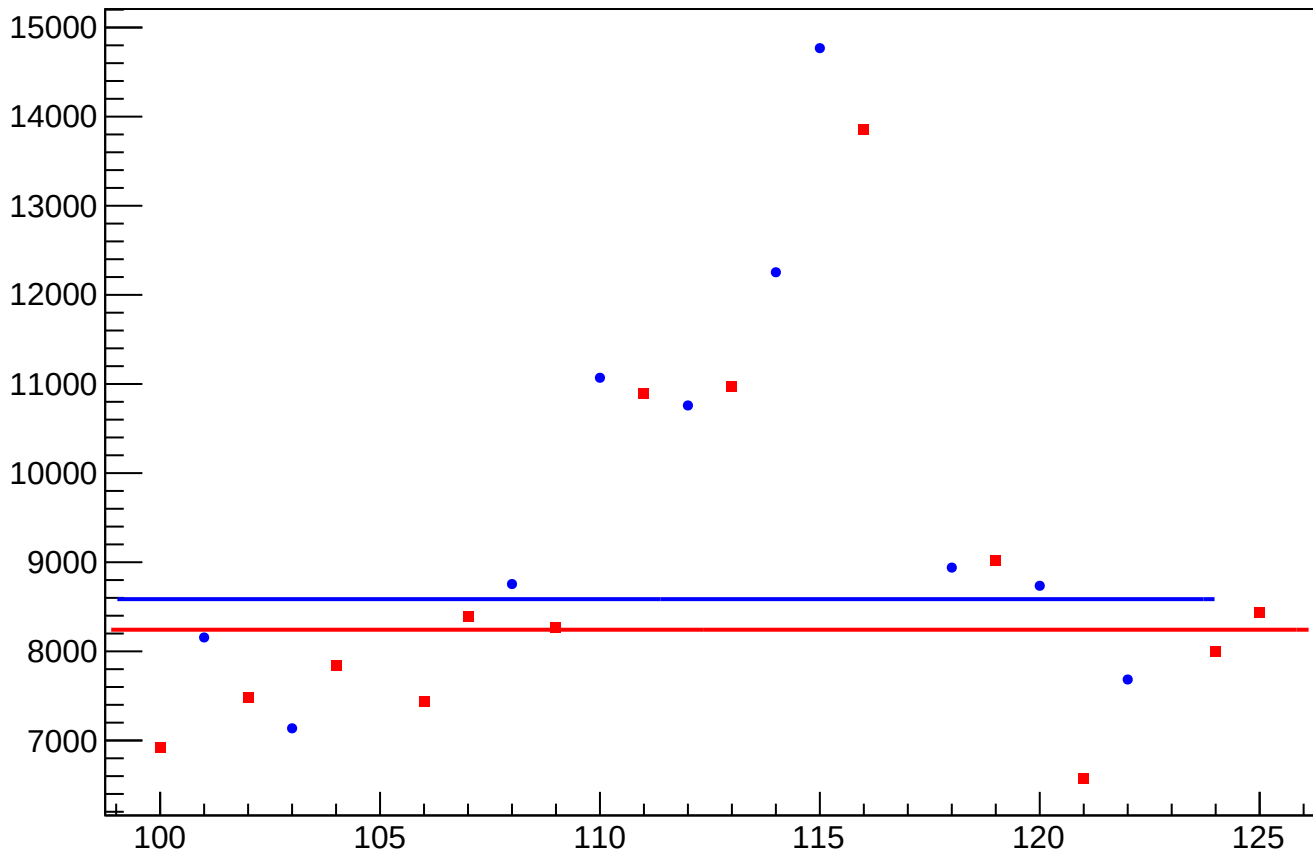
Right: -5.168+/-2.831 χ^2/NDF : 20.0/22

In: -5.742+/-4.310 χ^2/NDF :6.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.168+/-2.831 χ^2/NDF : 20.0/22

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: 8242.802+/-2.654 χ^2/NDF : 287234.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

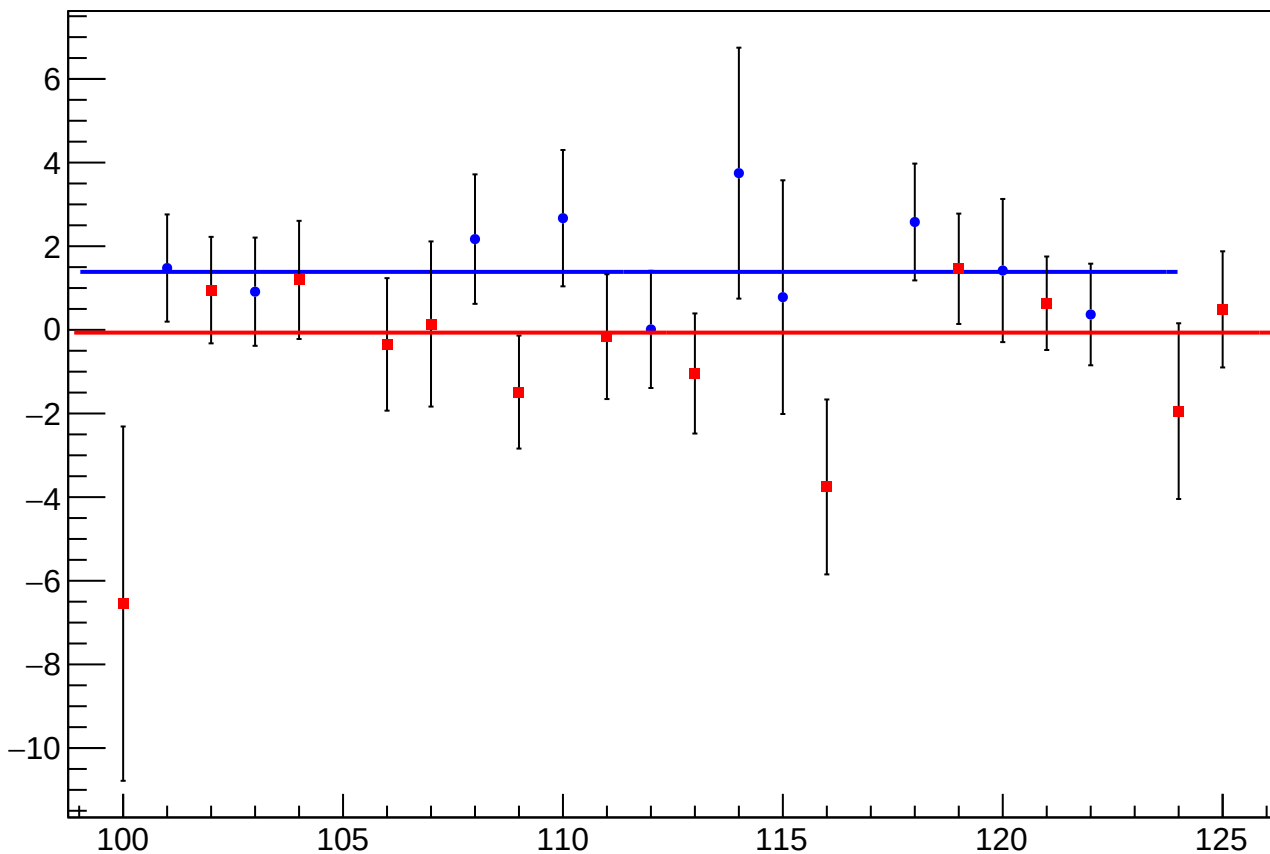
Right: 8390.781+/-2.002 χ^2/NDF : 510055.7/22

In: 8585.826+/-3.047 χ^2/NDF : 215617.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8390.781+/-2.002 χ^2/NDF : 510055.7/22

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: -0.066 $\pm$ 0.420 χ^2 /NDF: 11.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

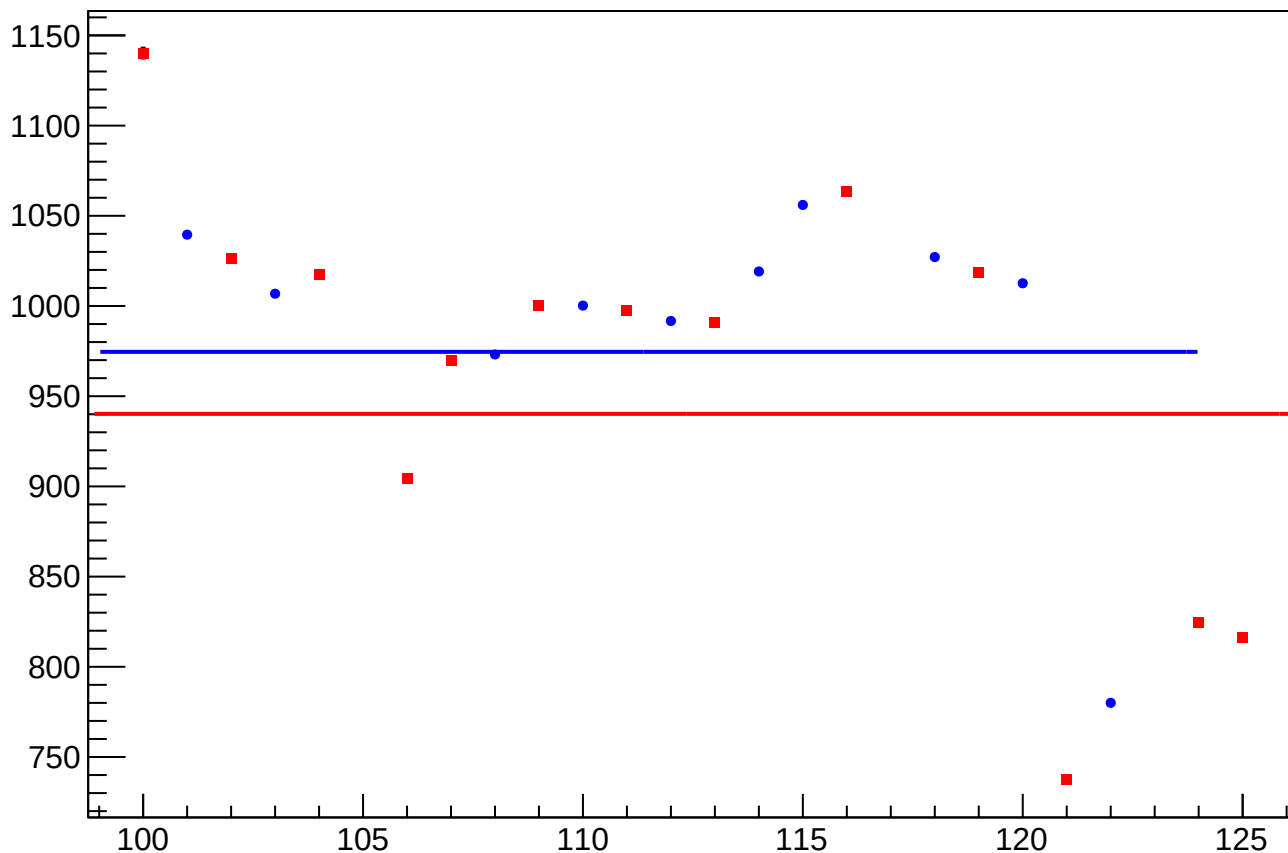
Right: 0.559 $\pm$ 0.317 χ^2 /NDF: 20.4/22

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: 0.559 $\pm$ 0.317 χ^2 /NDF: 20.4/22

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: 940.213 ± 0.297 χ^2/NDF : 132287.3/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

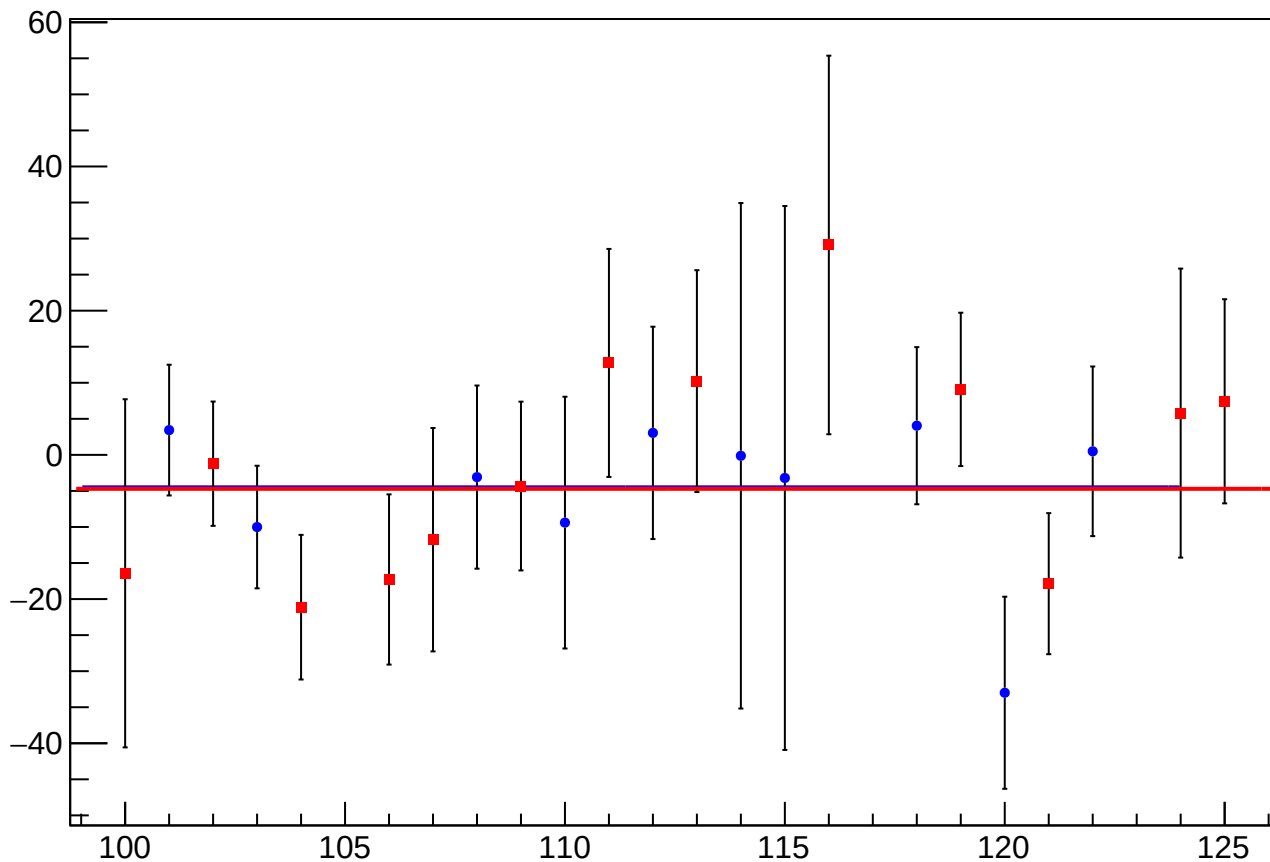
Right: 955.012 ± 0.224 χ^2/NDF : 202468.7/22

In: 974.585 ± 0.342 χ^2/NDF : 64424.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 955.012 ± 0.224 χ^2/NDF : 202468.7/22

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: -4.708+/-3.531 χ^2/NDF : 12.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

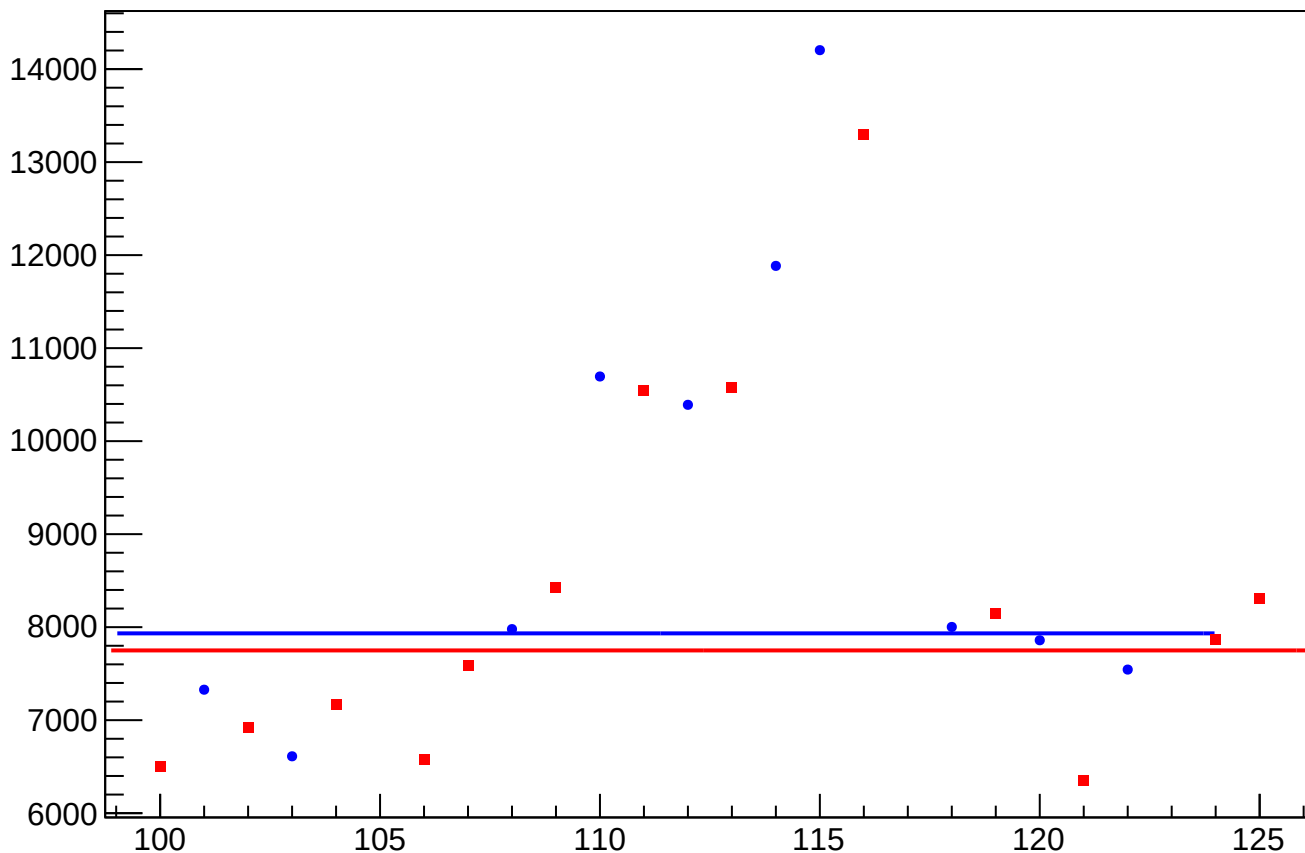
Right: -4.618+/-2.644 χ^2/NDF : 19.7/22

In: -4.503+/-3.988 χ^2/NDF :6.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.618+/-2.644 χ^2/NDF : 19.7/22

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: 7749.808+/-2.497 χ^2/NDF : 323097.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

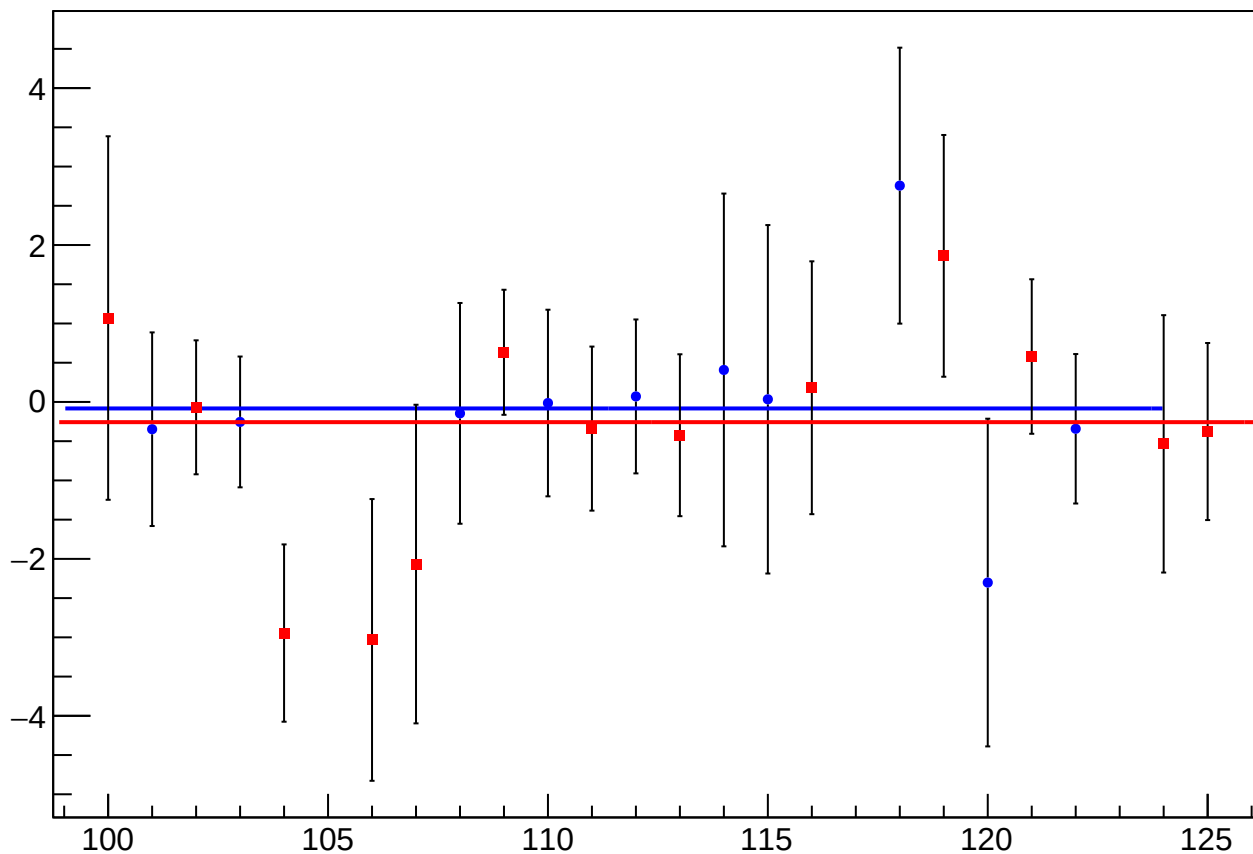
Right: 7830.425+/-1.869 χ^2/NDF : 571500.7/22

In: 7933.241+/-2.820 χ^2/NDF : 246031.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7830.425+/-1.869 χ^2/NDF : 571500.7/22

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: -0.257 ± 0.328 χ^2/NDF : 13.2/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

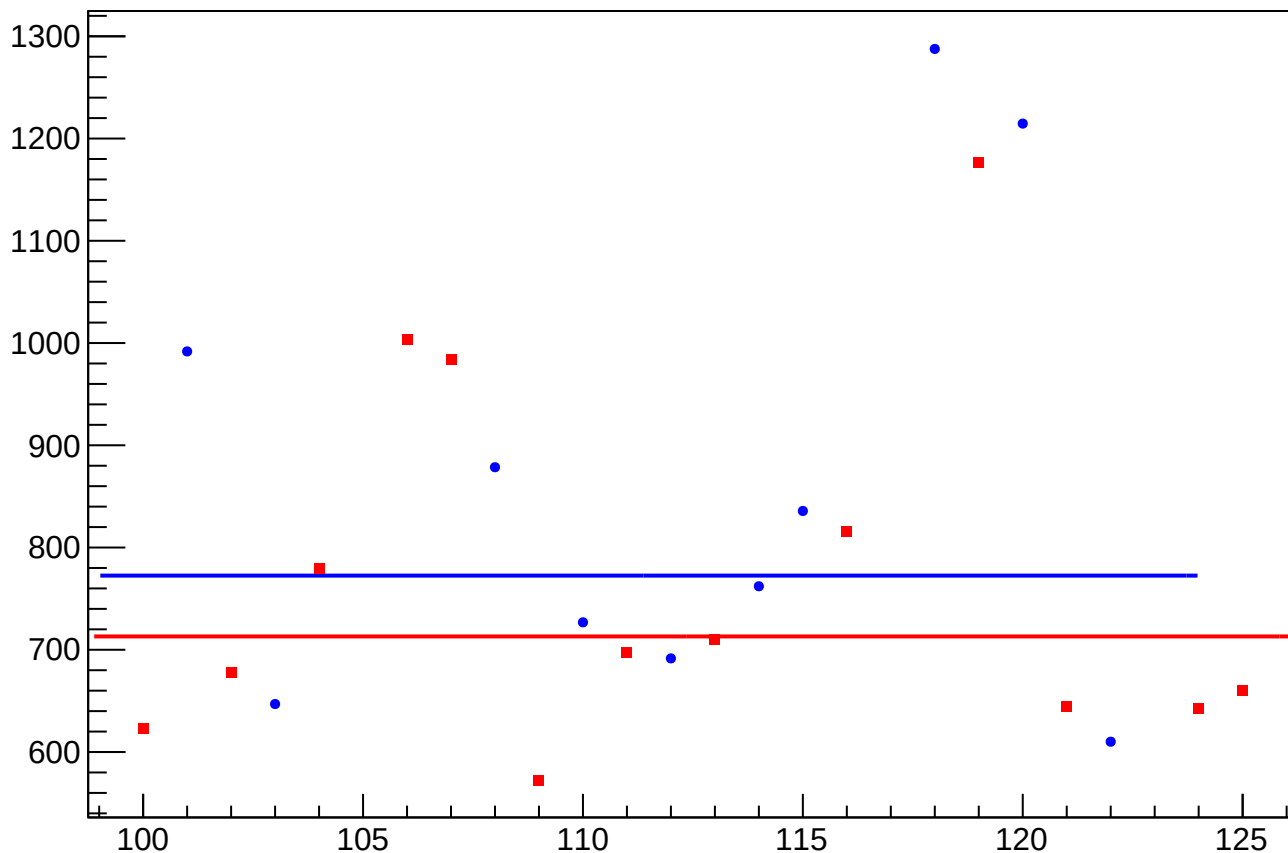
Right: -0.186 ± 0.252 χ^2/NDF : 17.3/22

In: -0.083 ± 0.395 χ^2/NDF : 4.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.186 ± 0.252 χ^2/NDF : 17.3/22

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: 713.030+/-0.232 χ^2/NDF : 370501.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

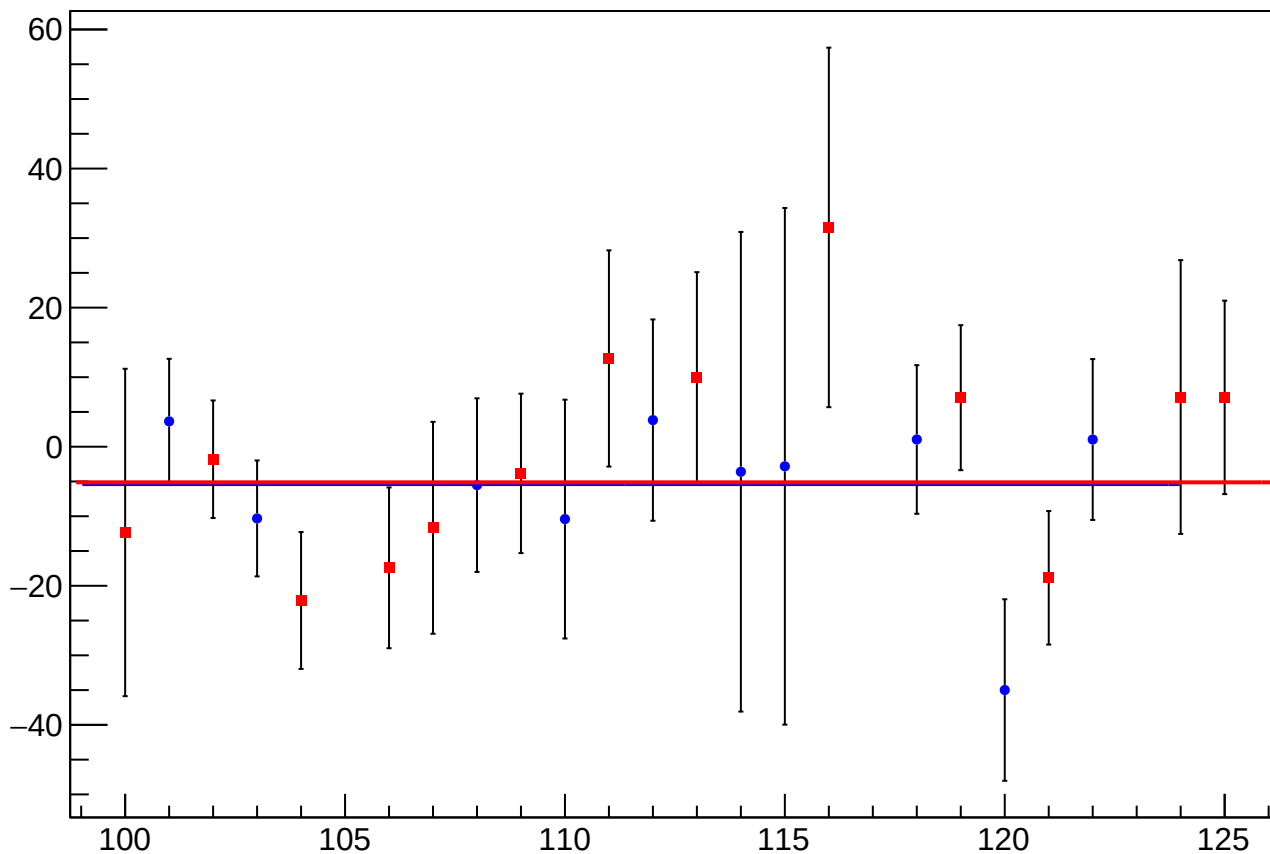
Right: 737.265+/-0.178 χ^2/NDF : 854972.9/22

In: 772.533+/-0.279 χ^2/NDF : 457593.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 737.265+/-0.178 χ^2/NDF : 854972.9/22

diff_bpm_4aY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: -5.373+/-3.922 χ^2/NDF : 7.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.122+/-3.464 χ^2/NDF : 13.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

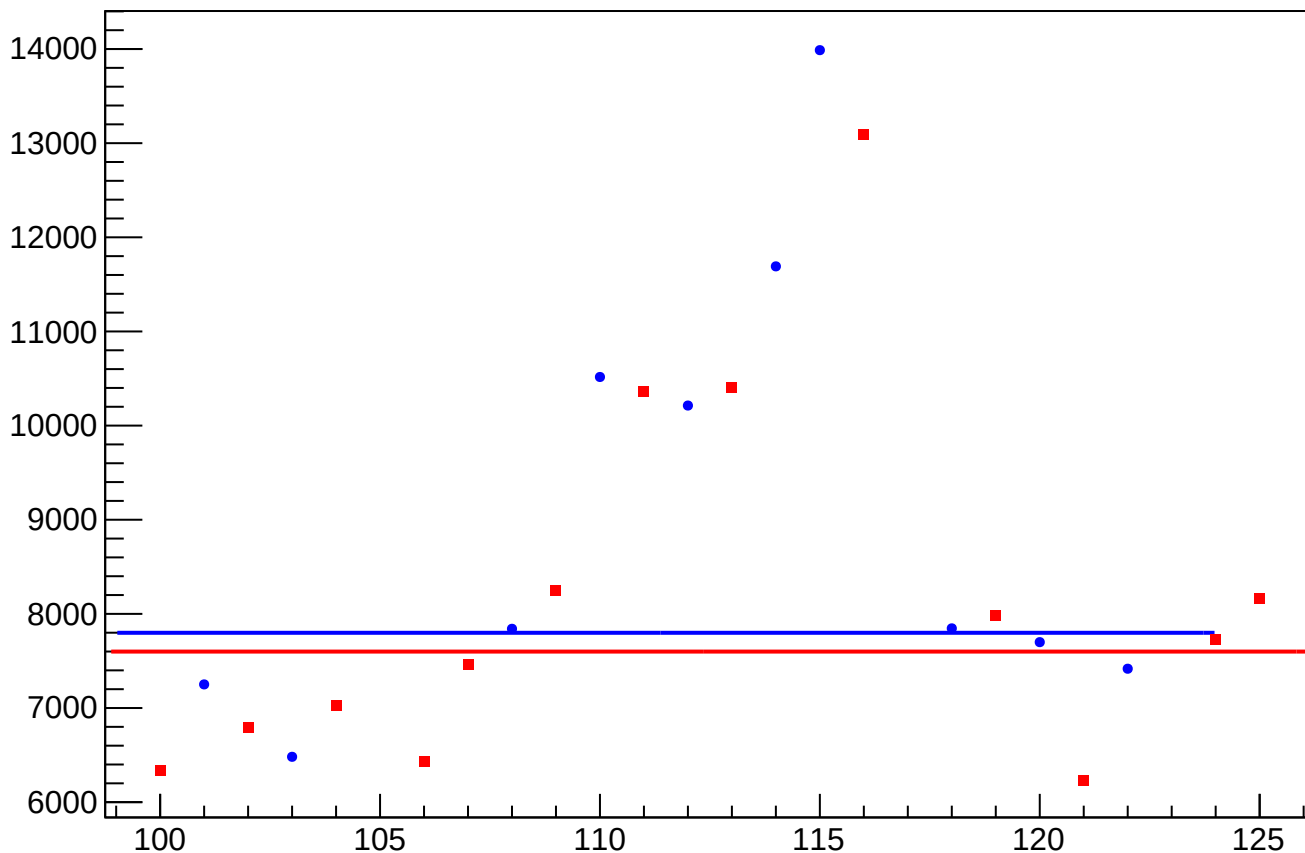
Right: -5.232+/-2.596 χ^2/NDF : 21.1/22

In: -5.373+/-3.922 χ^2/NDF : 7.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.232+/-2.596 χ^2/NDF : 21.1/22

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: 7599.523+/-2.450 χ^2/NDF : 326301.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

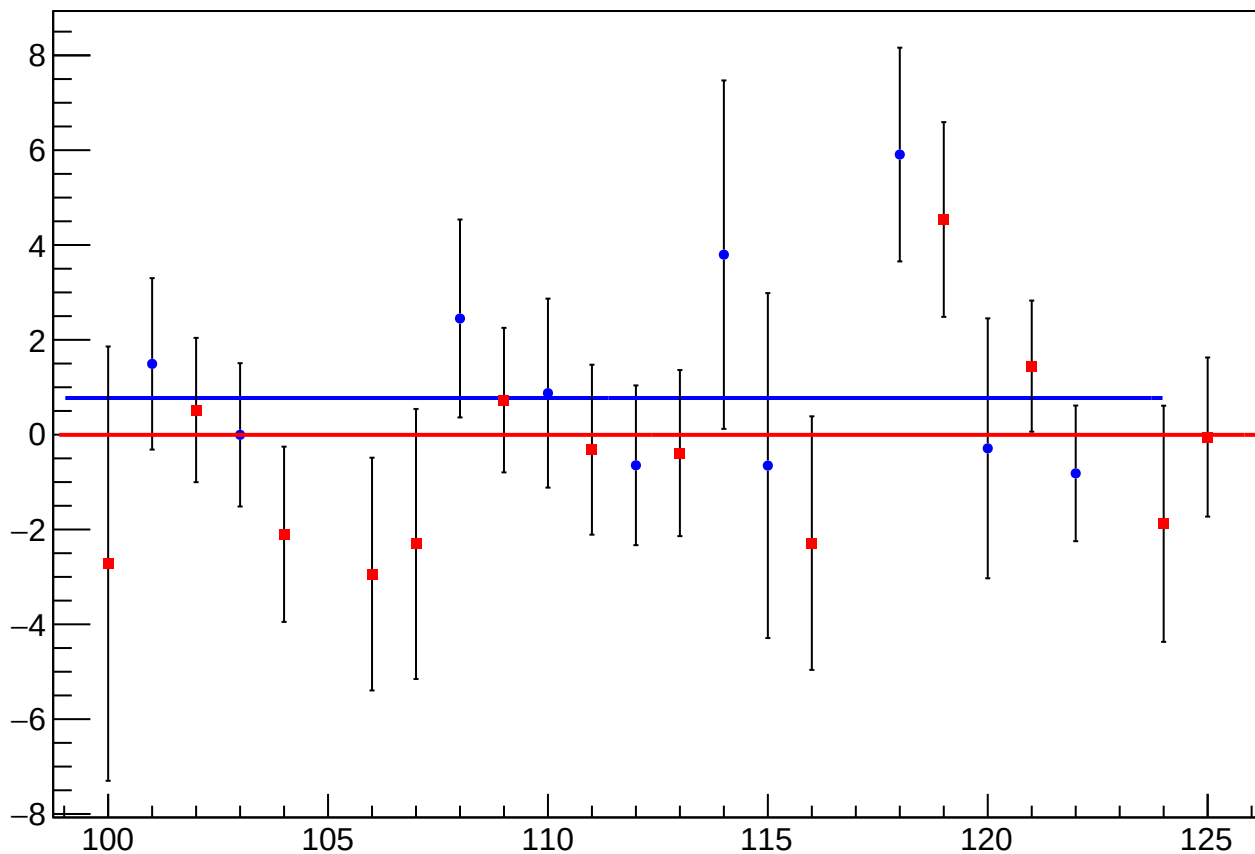
Right: 7686.989+/-1.836 χ^2/NDF : 575653.3/22

In: 7799.099+/-2.773 χ^2/NDF : 246443.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7686.989+/-1.836 χ^2/NDF : 575653.3/22

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: -0.004 $\pm$ 0.531 χ^2 /NDF: 11.4/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

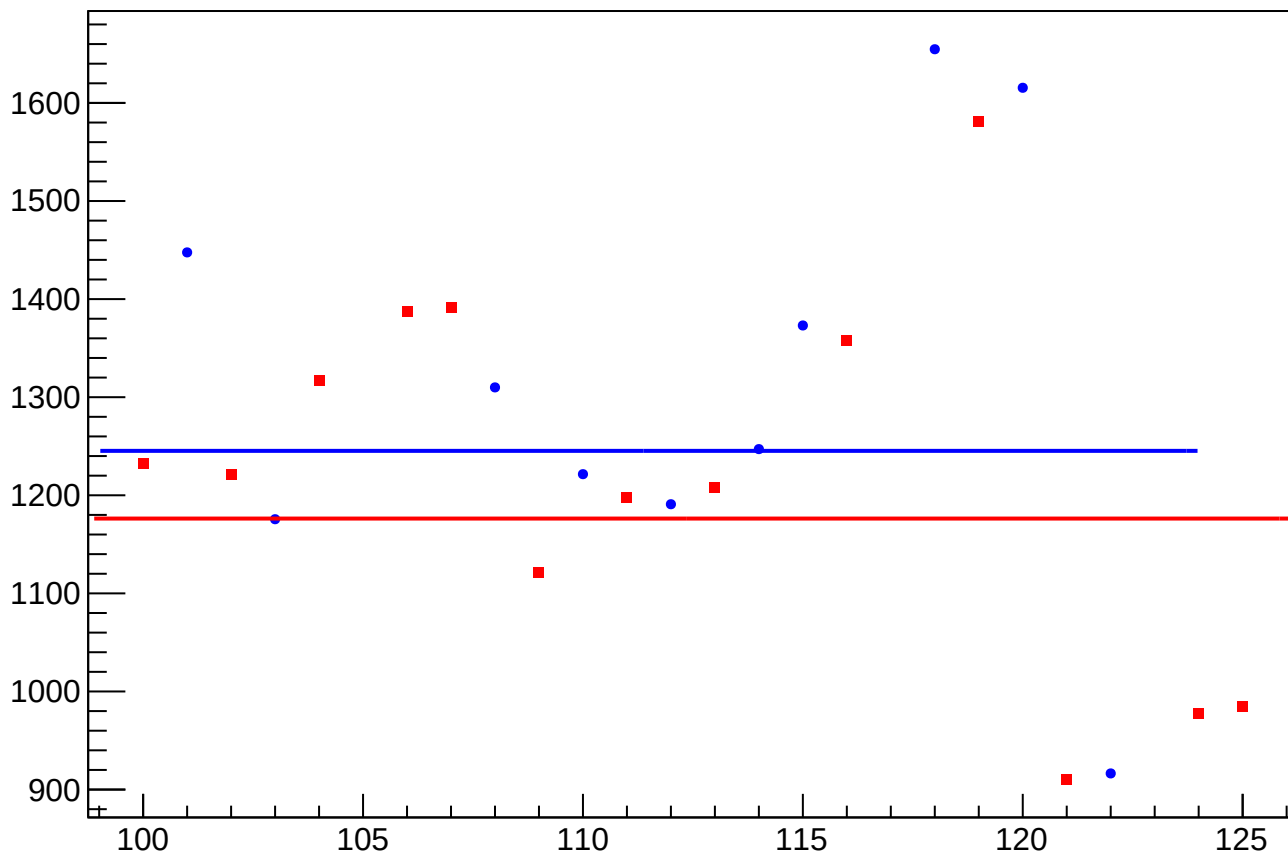
Right: 0.321 $\pm$ 0.405 χ^2 /NDF: 21.5/22

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: 0.321 $\pm$ 0.405 χ^2 /NDF: 21.5/22

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: 1176.272+/-0.376 χ^2/NDF : 243512.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

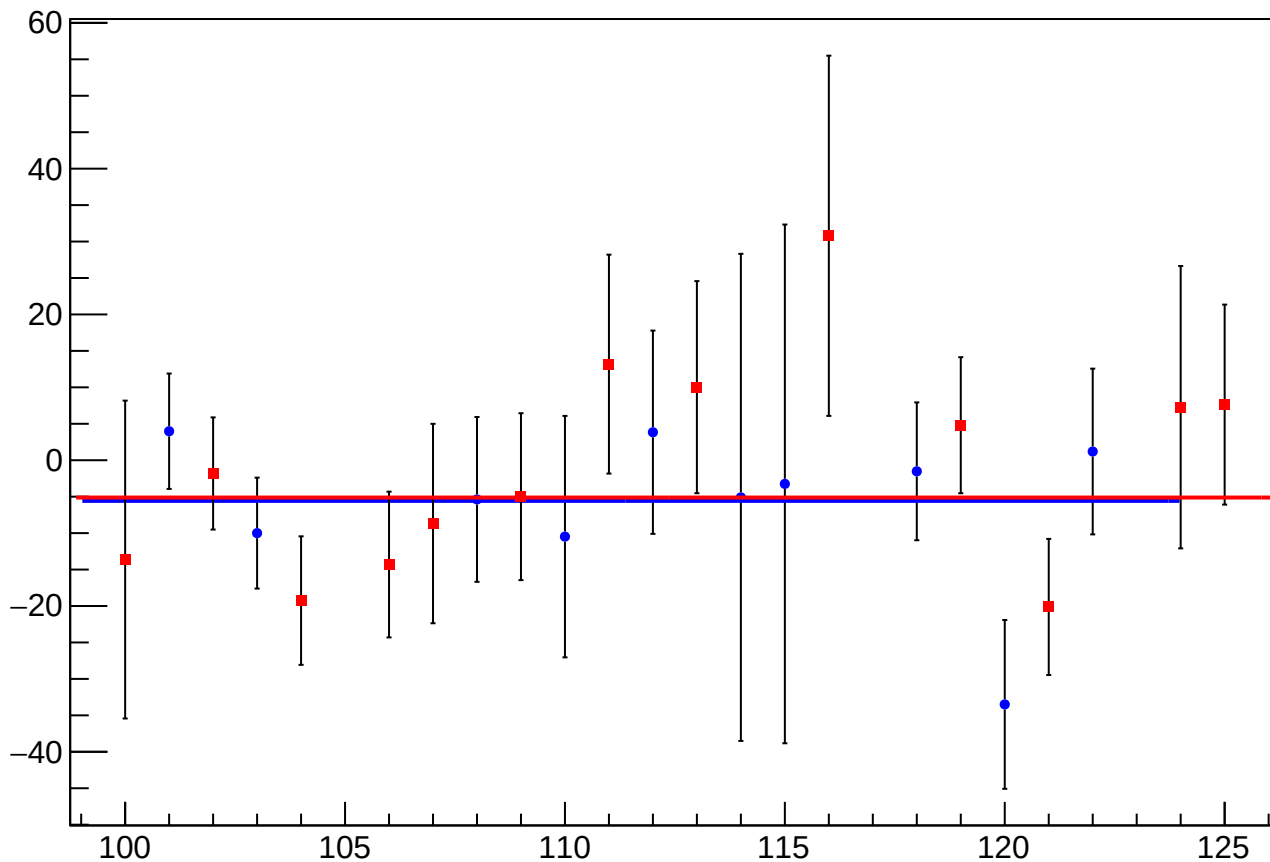
Right: 1205.114+/-0.286 χ^2/NDF : 501896.1/22

In: 1245.285+/-0.443 χ^2/NDF : 244267.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1205.114+/-0.286 χ^2/NDF : 501896.1/22

diff_bpm_4eY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: -5.576+/-3.583 χ^2/NDF : 8.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.119+/-3.218 χ^2/NDF : 13.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

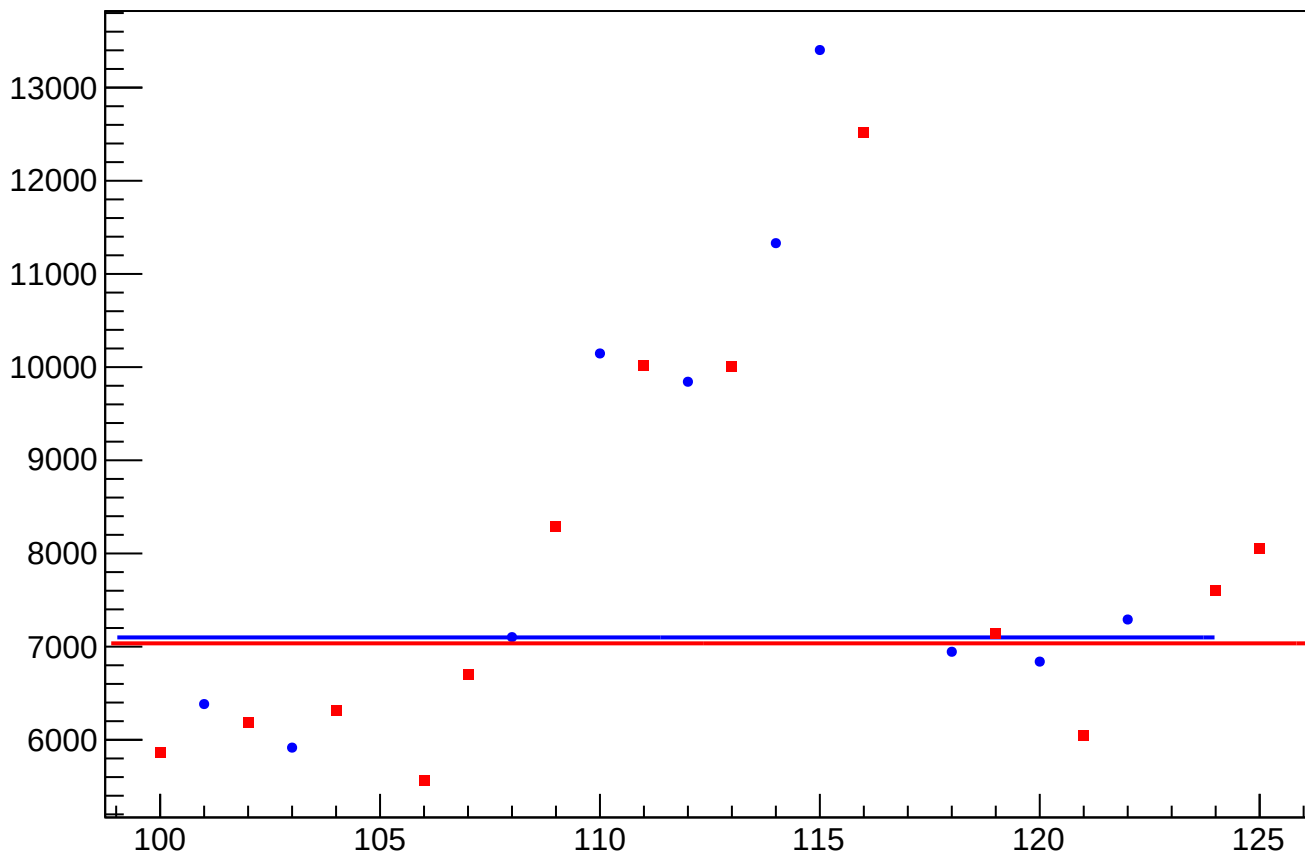
Right: -5.323+/-2.394 χ^2/NDF : 22.2/22

In: -5.576+/-3.583 χ^2/NDF : 8.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.323+/-2.394 χ^2/NDF : 22.2/22

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: 7035.334+/-2.275 χ^2/NDF : 407861.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

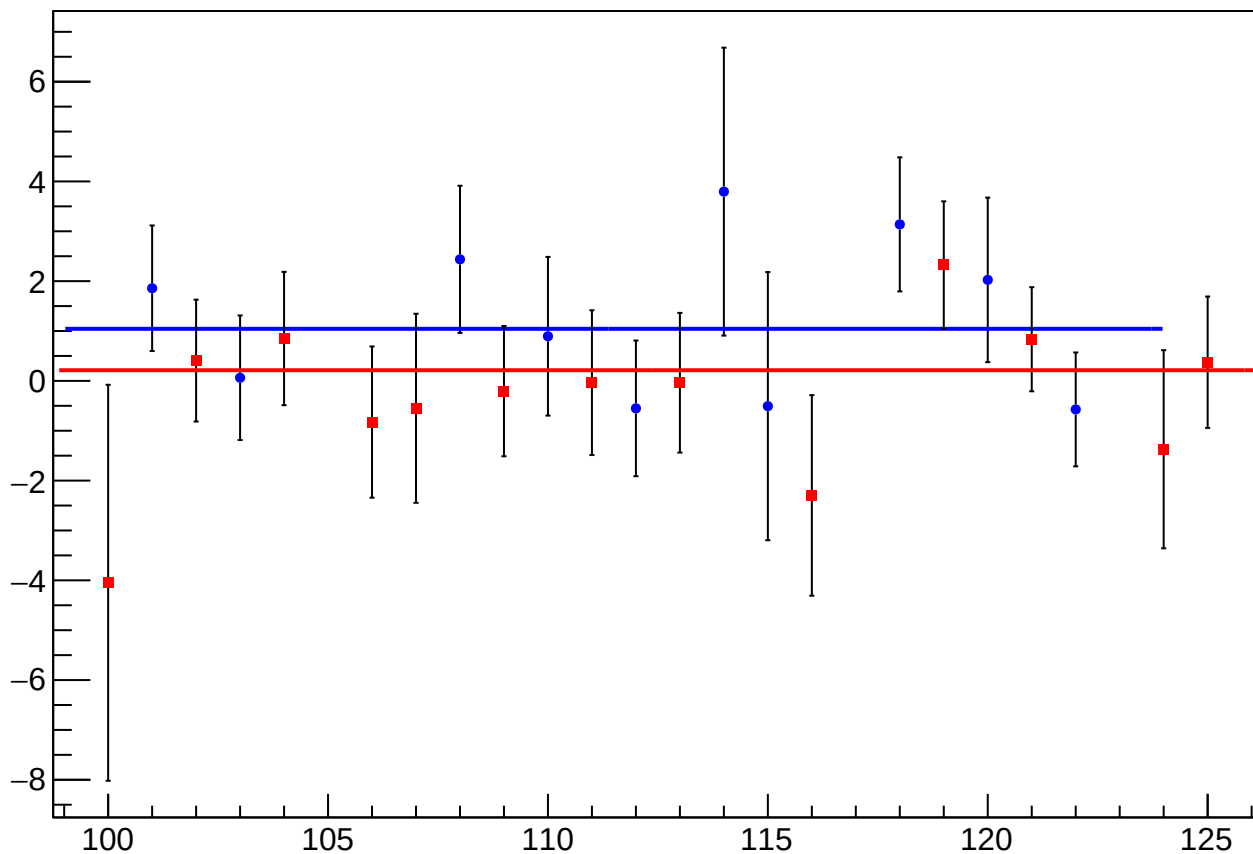
Right: 7063.803+/-1.693 χ^2/NDF : 714996.4/22

In: 7099.090+/-2.533 χ^2/NDF : 306784.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7063.803+/-1.693 χ^2/NDF : 714996.4/22

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: 0.213+/-0.402 χ^2/NDF : 7.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

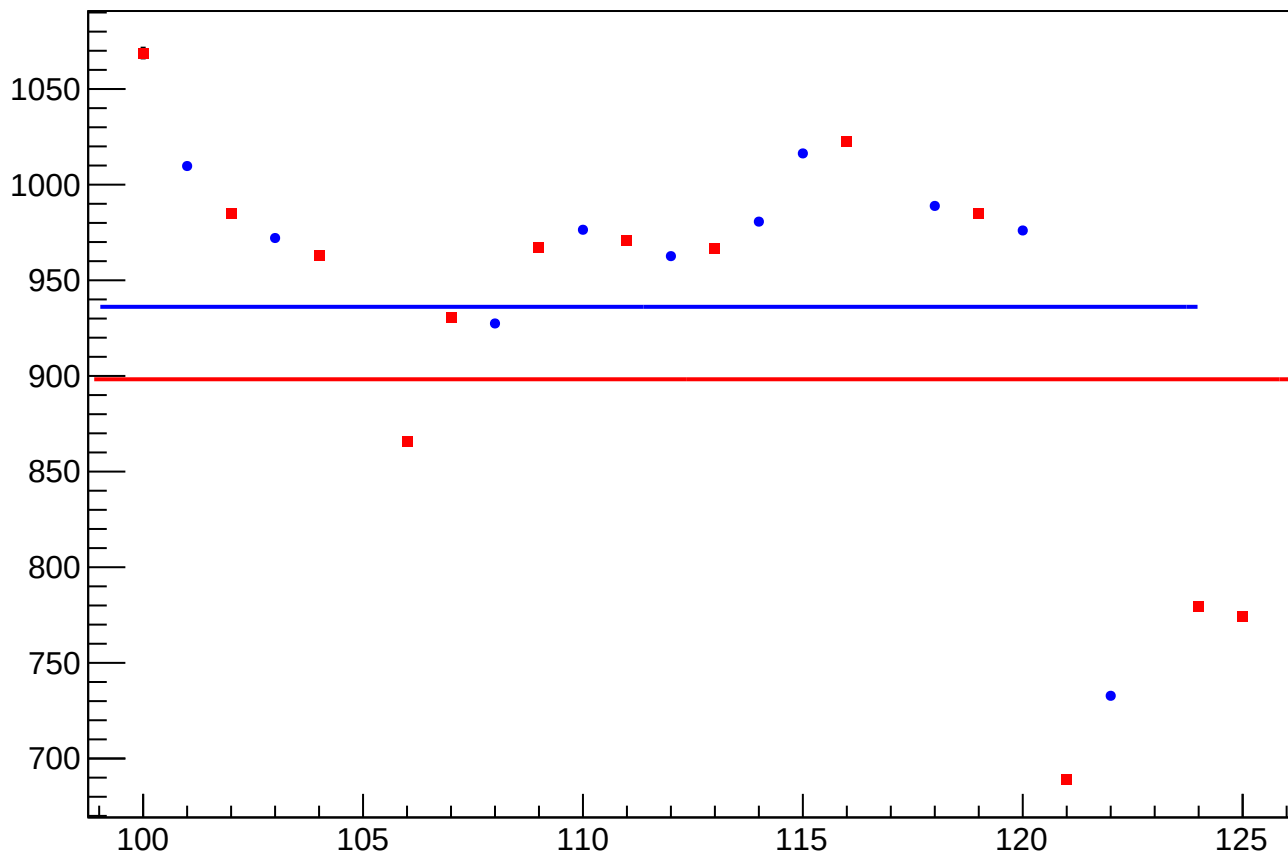
Right: 0.568+/-0.304 χ^2/NDF : 18.7/22

In: 1.044+/-0.466 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.568+/-0.304 χ^2/NDF : 18.7/22

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: 898.259+/-0.284 χ^2/NDF : 157339.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

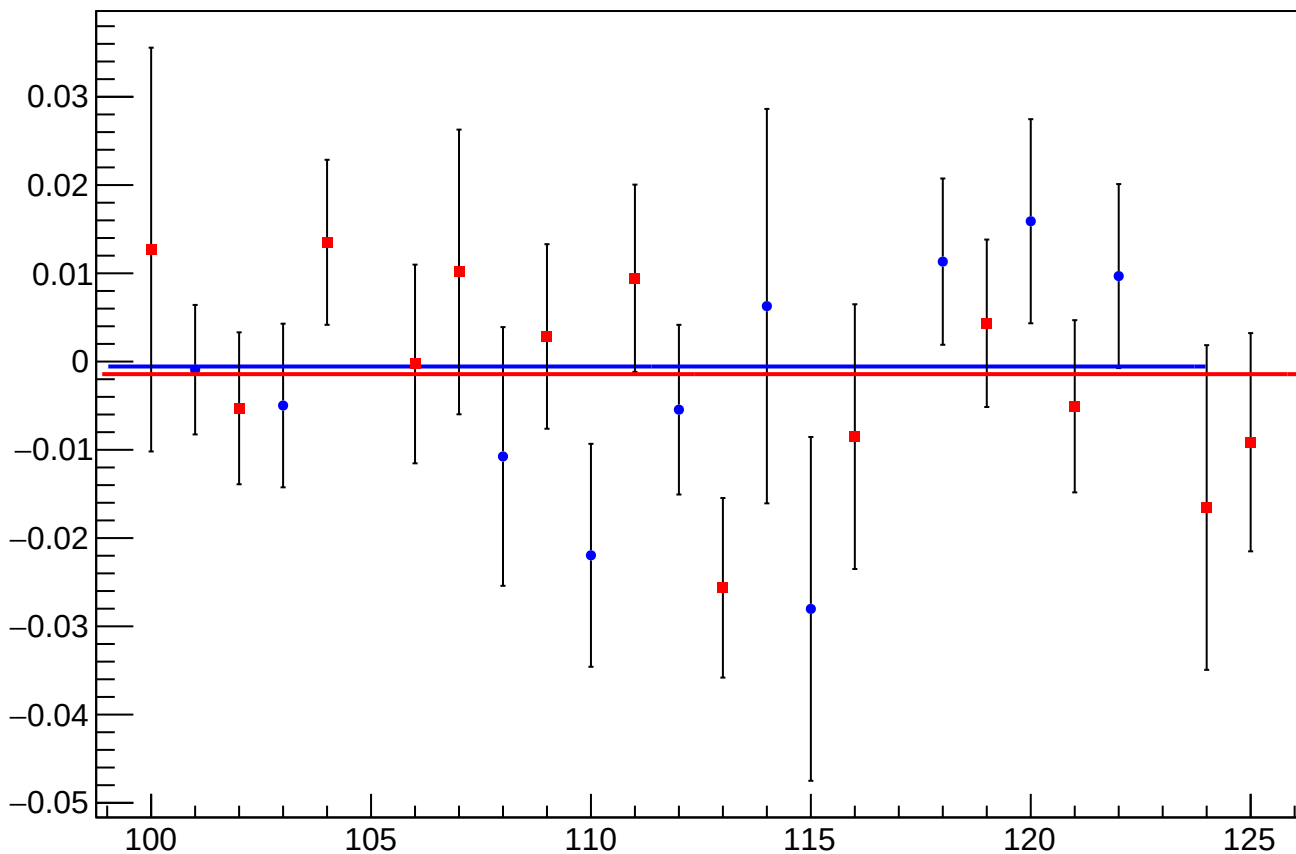
Right: 914.440+/-0.215 χ^2/NDF : 245469.3/22

In: 936.138+/-0.329 χ^2/NDF : 80548.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 914.440+/-0.215 χ^2/NDF : 245469.3/22

diff_dispE_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.001 ± 0.003 χ^2/NDF : 10.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.001 ± 0.003 χ^2/NDF : 12.3/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

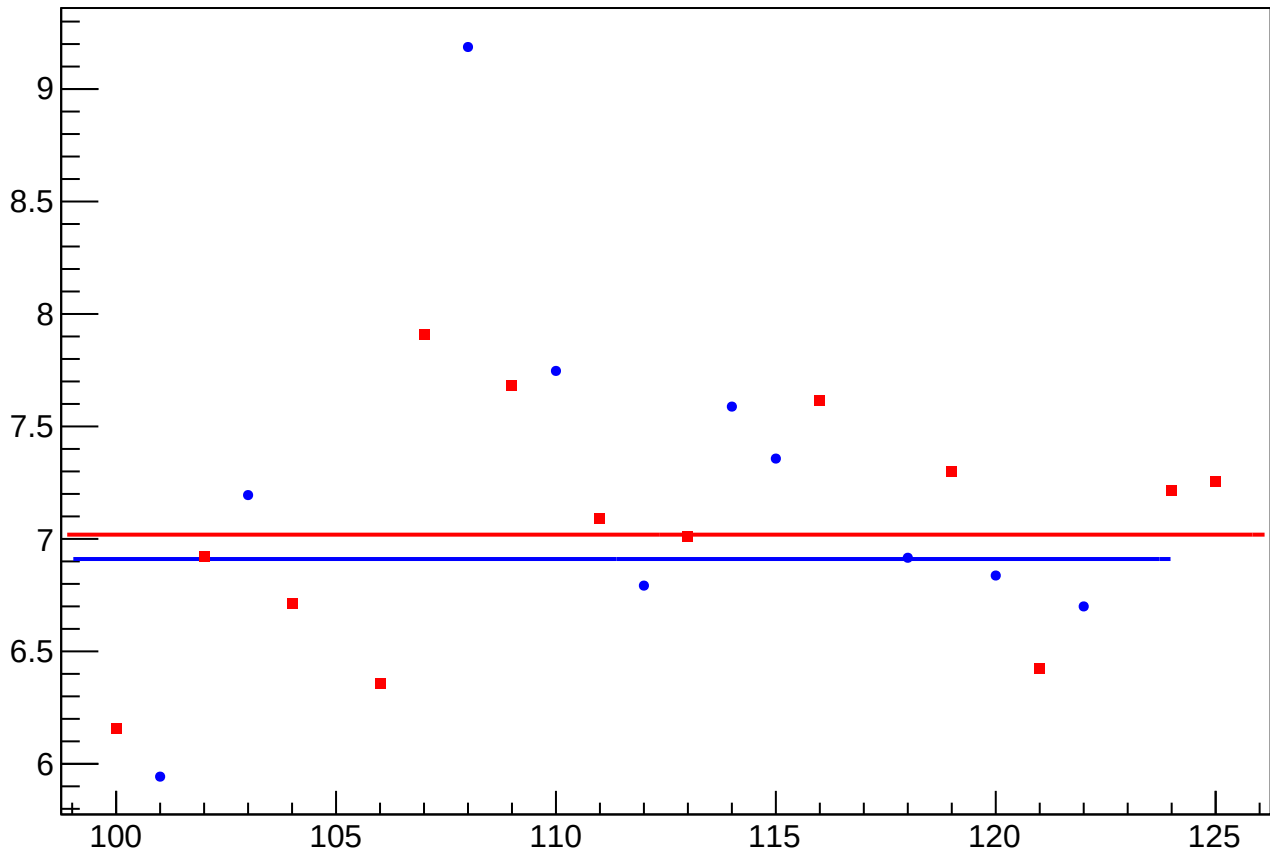
Right: -0.001 ± 0.002 χ^2/NDF : 22.9/22

In: -0.001 ± 0.003 χ^2/NDF : 10.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.001 ± 0.002 χ^2/NDF : 22.9/22

diff_dispE_bpm12X_rms vs Slug, Sign Corrected



Right In: 6.911+/-0.002 χ^2/NDF : 97755.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.019+/-0.002 χ^2/NDF : 39634.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

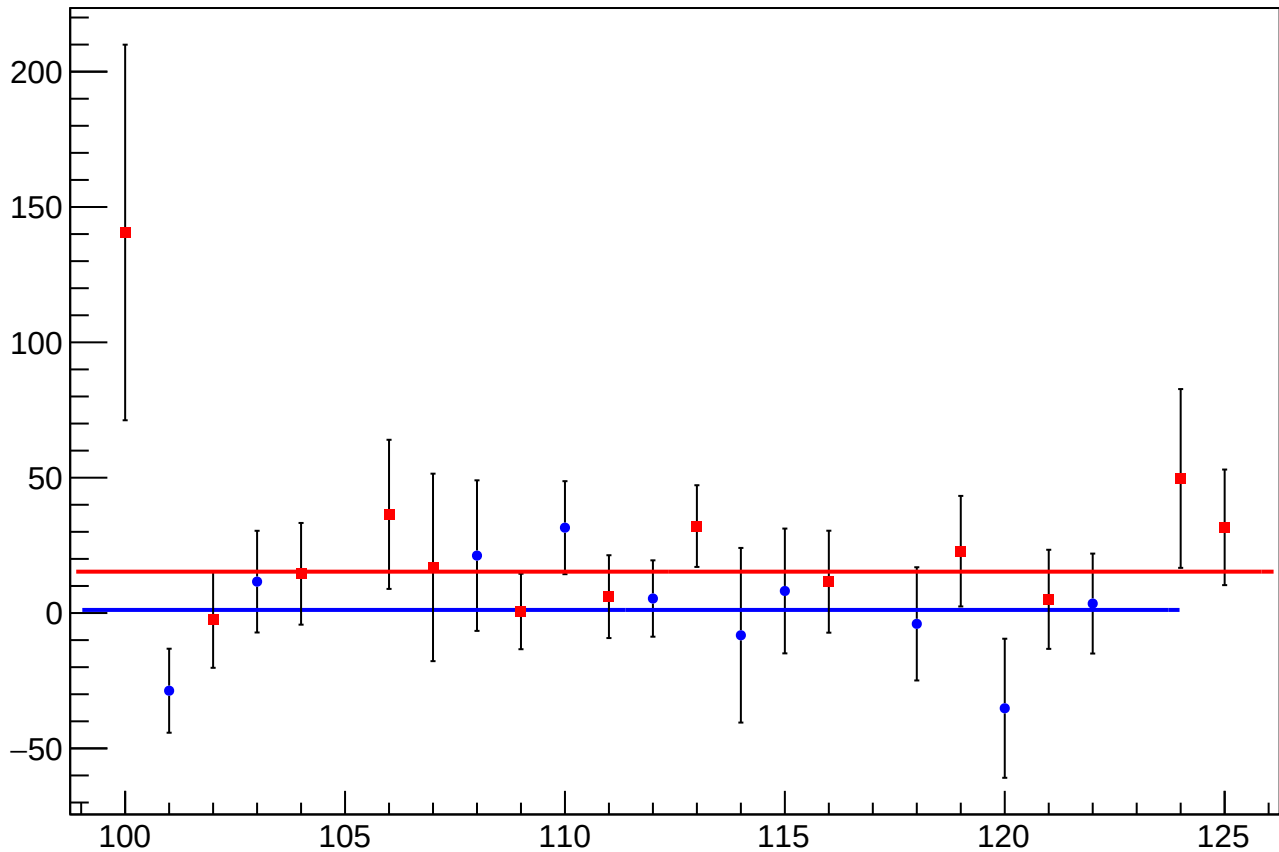
Right: 6.970+/-0.002 χ^2/NDF : 138474.2/22

In: 6.911+/-0.002 χ^2/NDF : 97755.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.970+/-0.002 χ^2/NDF : 138474.2/22

diff_targ_positionX_mean vs Slug, Sign Corrected



Right In: 1.148+/-6.169 χ^2/NDF : 10.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.284+/-5.464 χ^2/NDF : 9.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

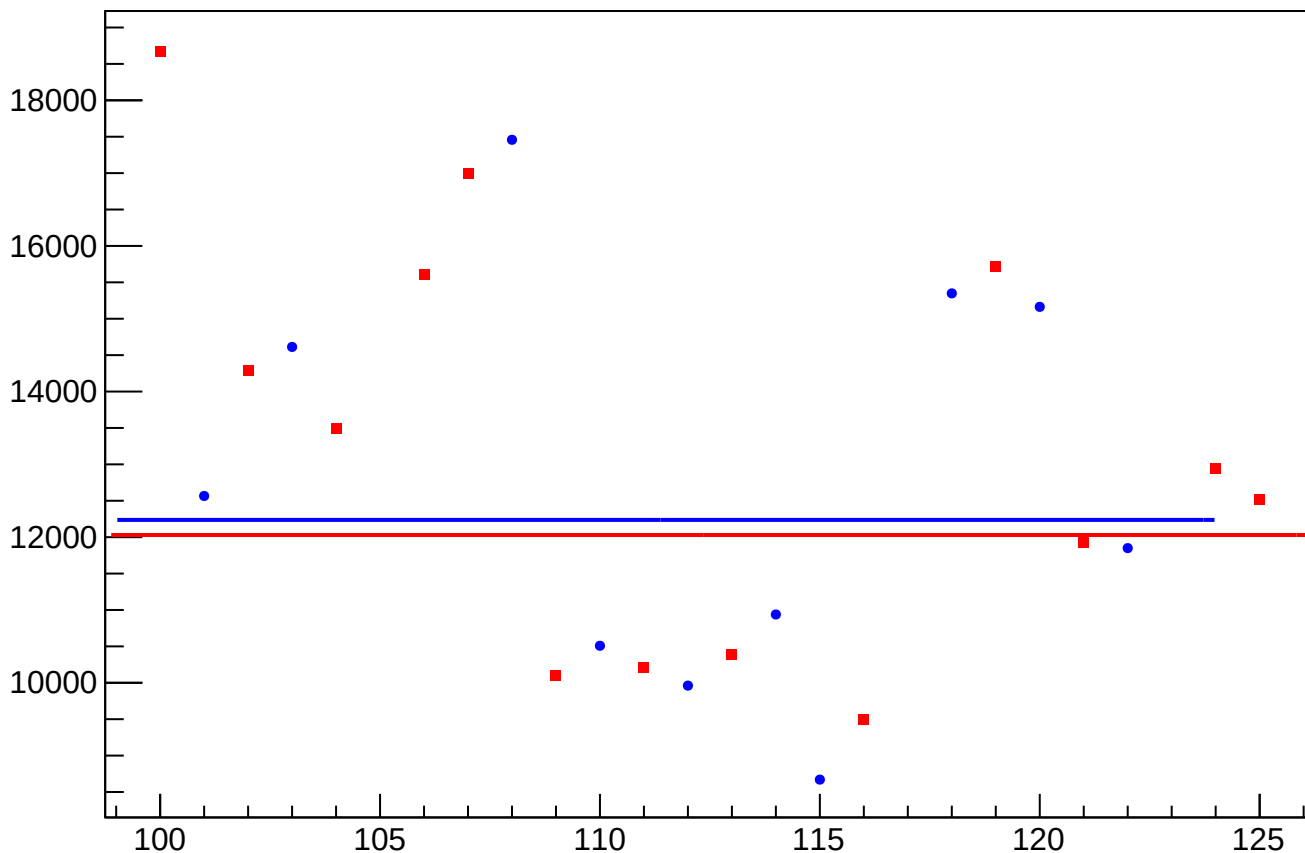
Right: 9.070+/-4.090 χ^2/NDF : 22.7/22

In: 1.148+/-6.169 χ^2/NDF : 10.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.070+/-4.090 χ^2/NDF : 22.7/22

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: 12029.590+/-3.864 χ^2/NDF : 331575.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

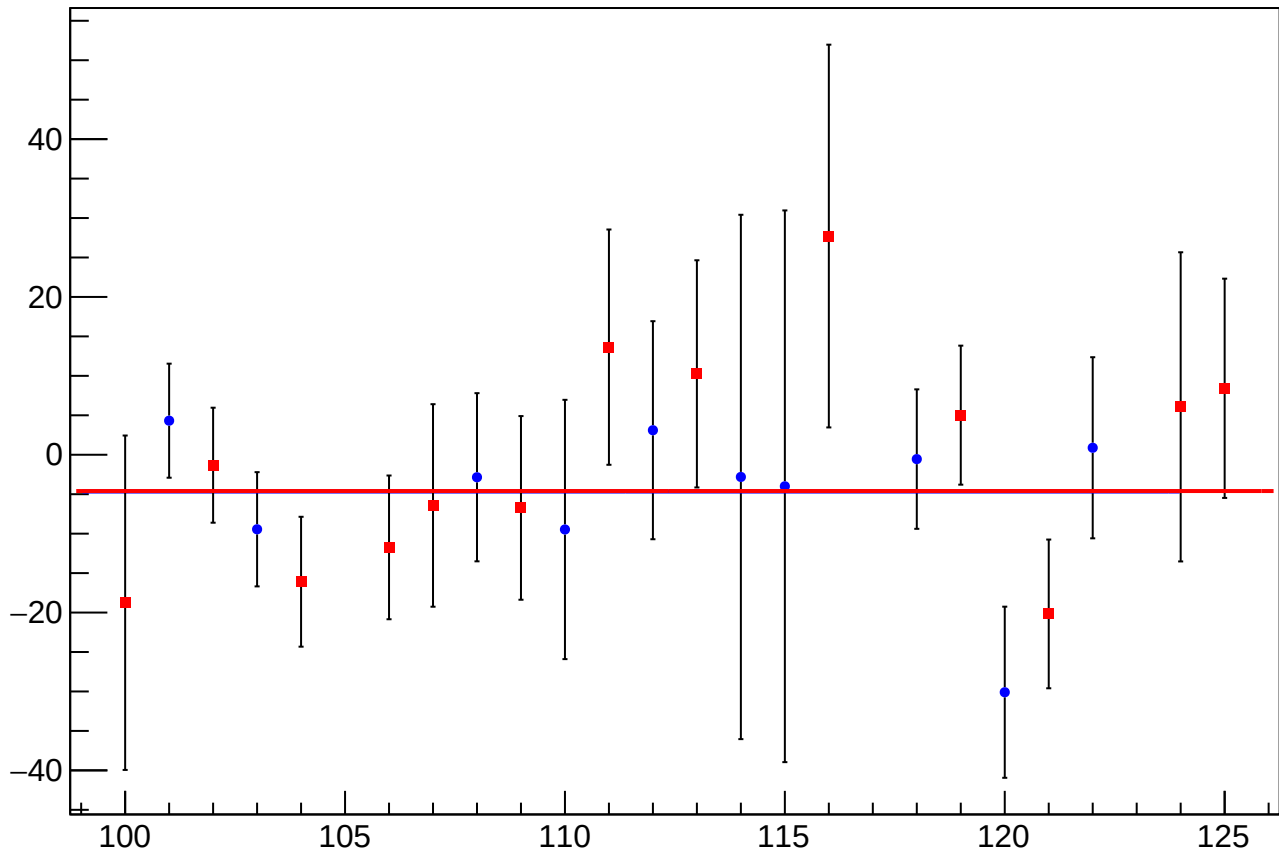
Right: 12120.853+/-2.892 χ^2/NDF : 630761.3/22

In: 12237.205+/-4.362 χ^2/NDF : 297916.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12120.853+/-2.892 χ^2/NDF : 630761.3/22

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: -4.599 ± 3.097 χ^2/NDF : 12.7/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

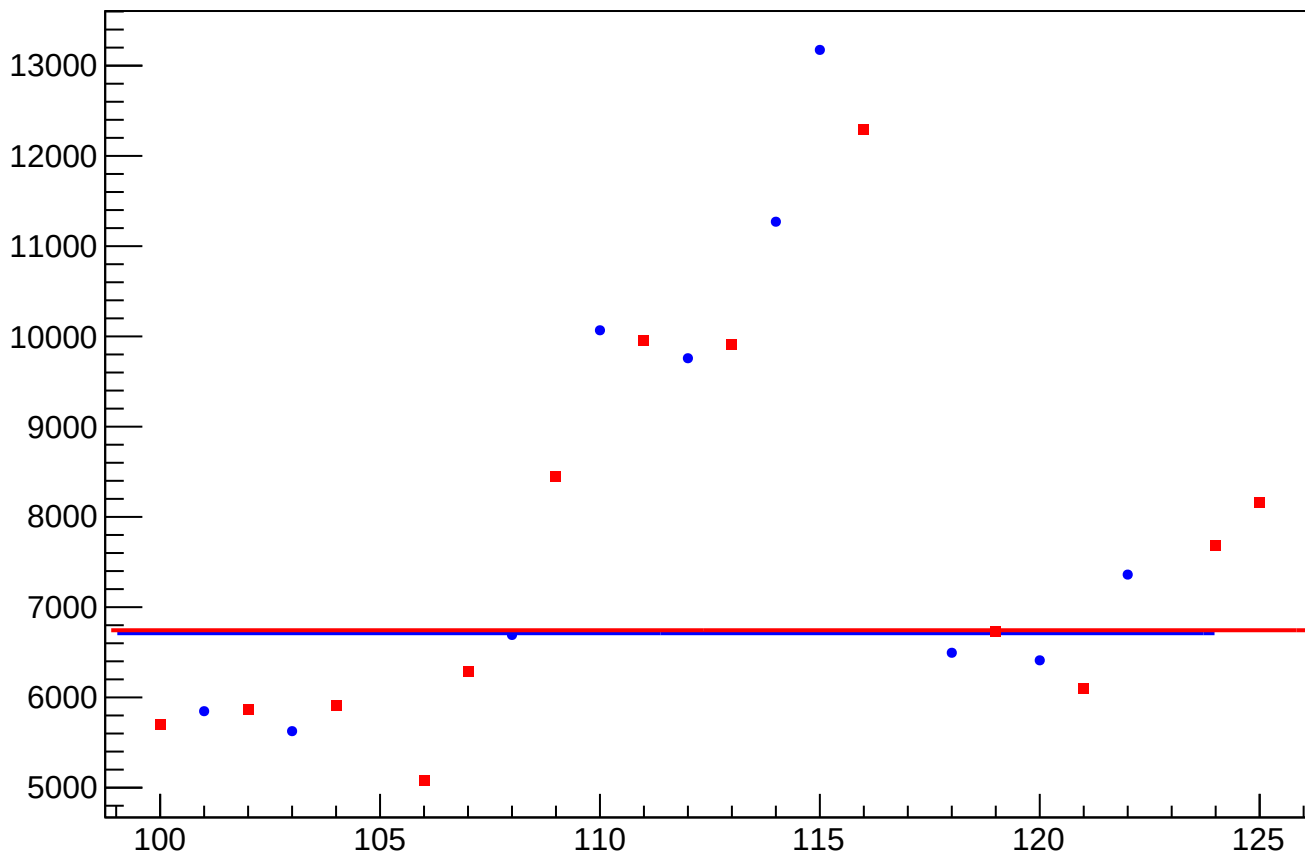
Right: -4.627 ± 2.289 χ^2/NDF : 21.1/22

In: -4.660 ± 3.398 χ^2/NDF : 8.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.627 ± 2.289 χ^2/NDF : 21.1/22

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: 6744.228+/-2.190 χ^2/NDF : 495098.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

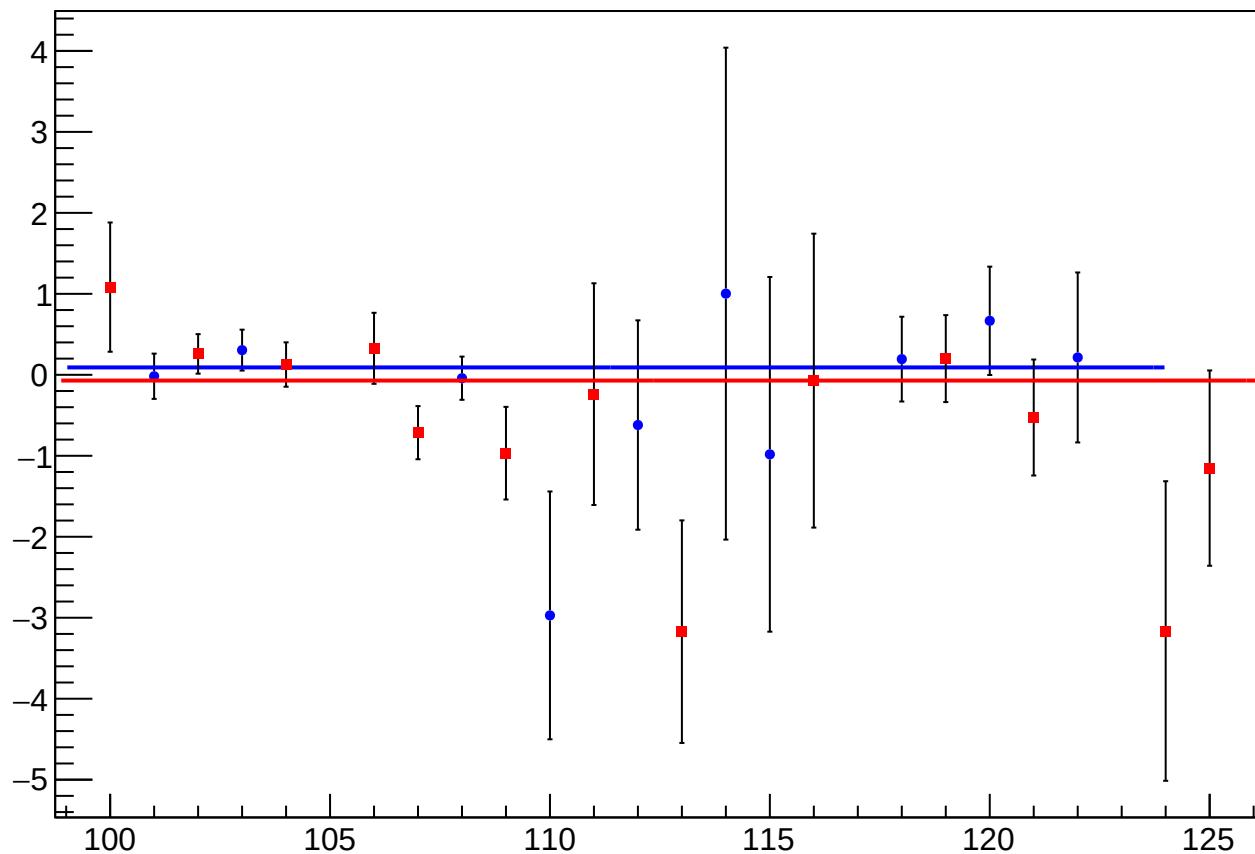
Right: 6729.351+/-1.618 χ^2/NDF : 864598.5/22

In: 6711.435+/-2.403 χ^2/NDF : 369398.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6729.351+/-1.618 χ^2/NDF : 864598.5/22

diff_targ_thetaX_mean vs Slug, Sign Corrected



Right In: 0.091+/-0.140 χ^2/NDF : 6.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.071+/-0.132 χ^2/NDF : 20.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

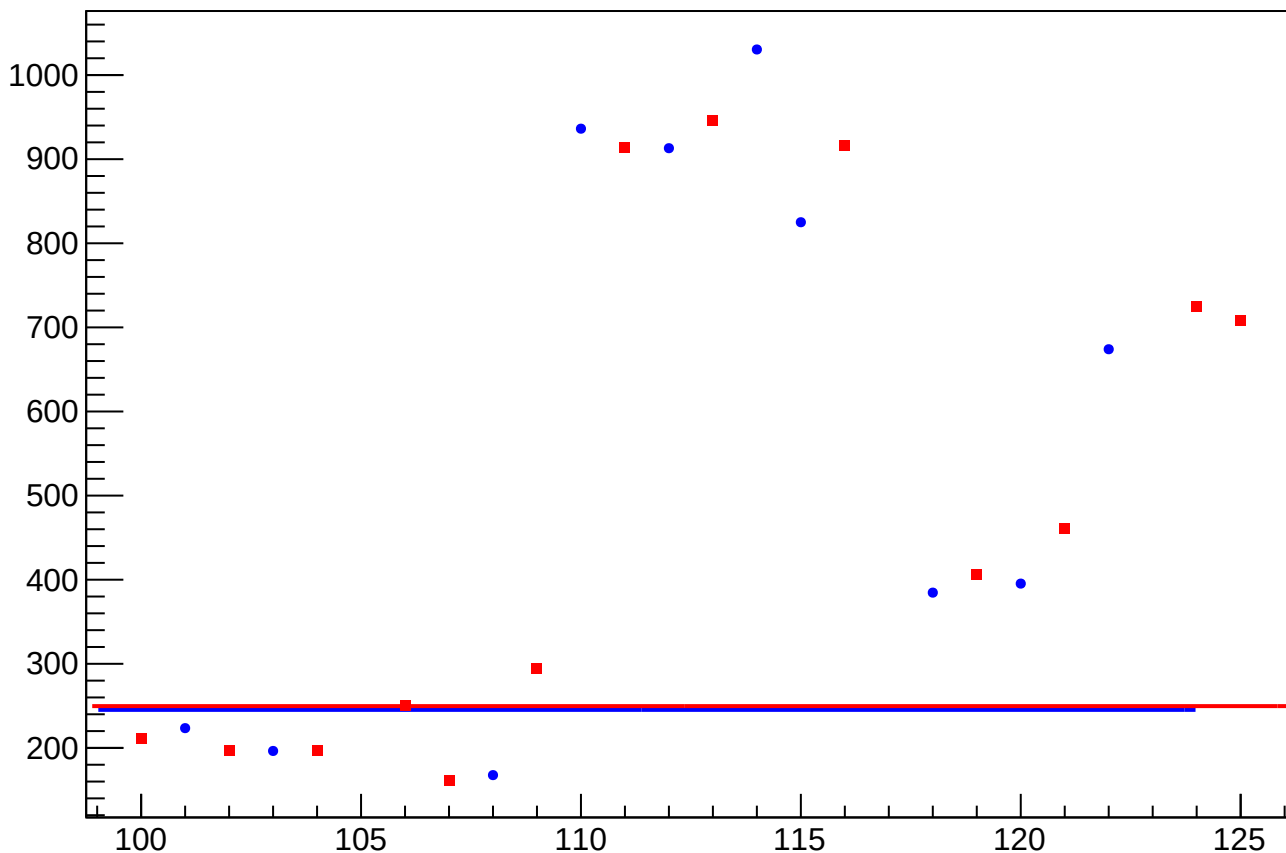
Right: 0.005+/-0.096 χ^2/NDF : 28.2/22

In: 0.091+/-0.140 χ^2/NDF : 6.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.096 χ^2/NDF : 28.2/22

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: 249.698+/-0.094 χ^2/NDF : 2352993.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

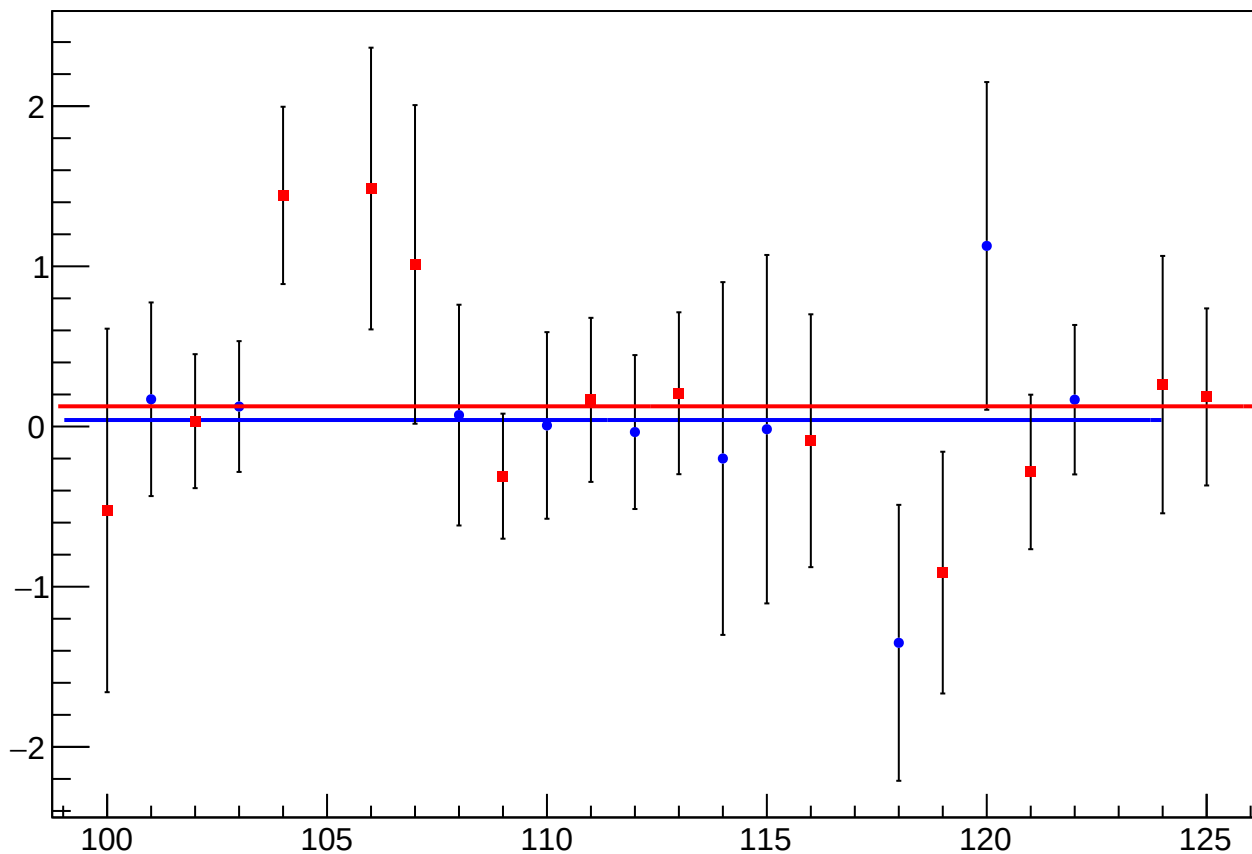
Right: 247.597+/-0.068 χ^2/NDF : 4401775.2/22

In: 245.234+/-0.099 χ^2/NDF :2047712.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 247.597+/-0.068 χ^2/NDF : 4401775.2/22

diff_targ_thetaY_mean vs Slug, Sign Corrected



Right In: 0.041 $\pm$ 0.194 χ^2 /NDF: 4.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.126 $\pm$ 0.160 χ^2 /NDF: 13.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

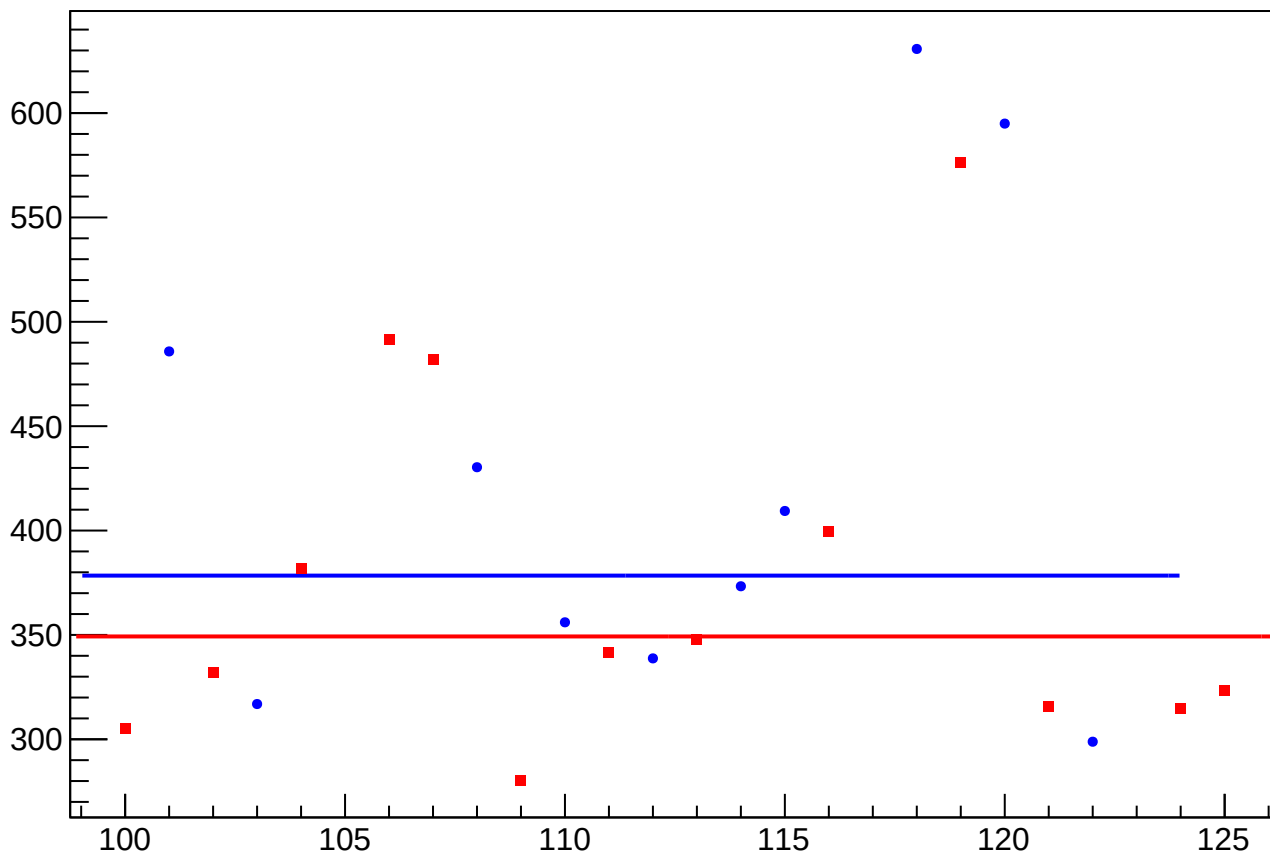
Right: 0.091 $\pm$ 0.124 χ^2 /NDF: 17.3/22

In: 0.041 $\pm$ 0.194 χ^2 /NDF:4.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.091 $\pm$ 0.124 χ^2 /NDF: 17.3/22

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: 349.268+/-0.113 χ^2/NDF : 370501.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

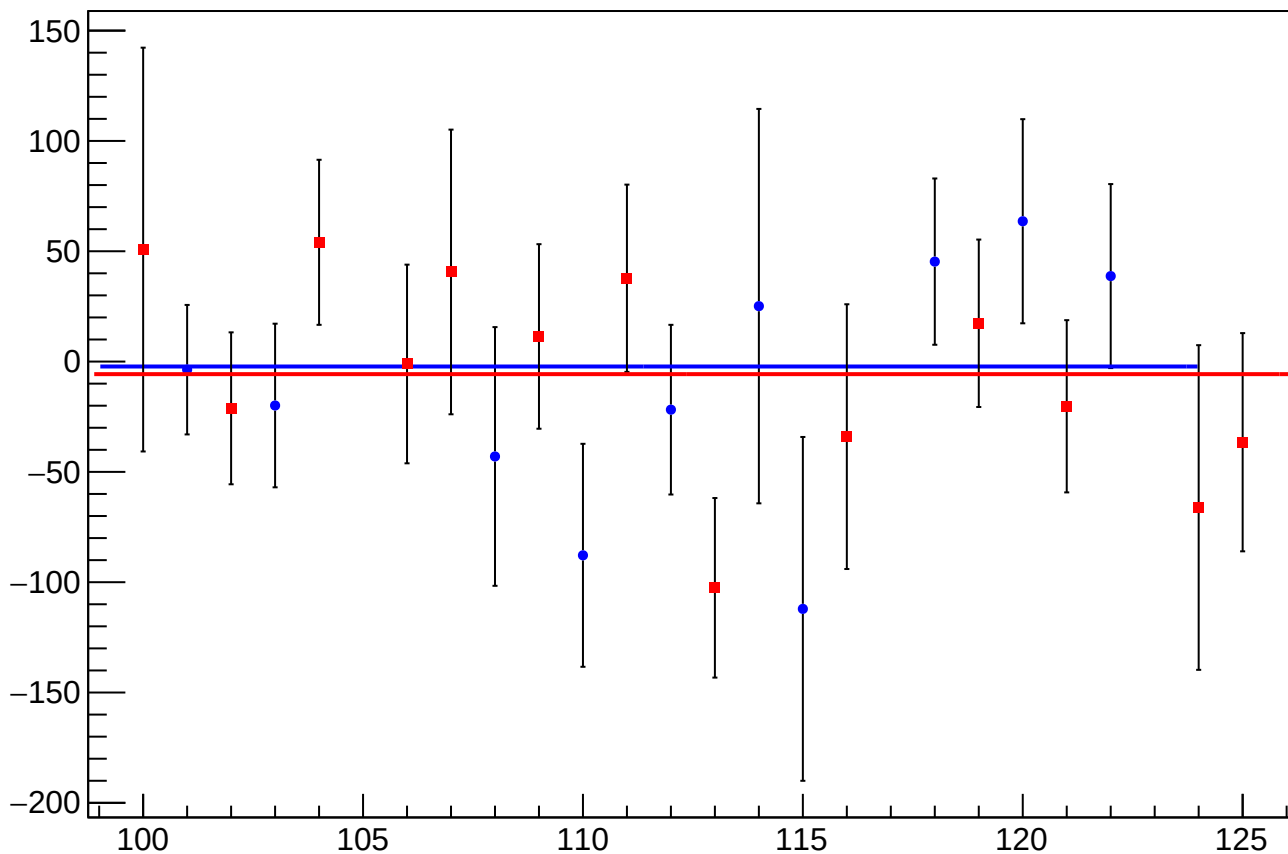
Right: 361.139+/-0.087 χ^2/NDF : 854972.9/22

In: 378.415+/-0.137 χ^2/NDF : 457593.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 361.139+/-0.087 χ^2/NDF : 854972.9/22

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: -5.698+/-12.535 χ^2/NDF : 12.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

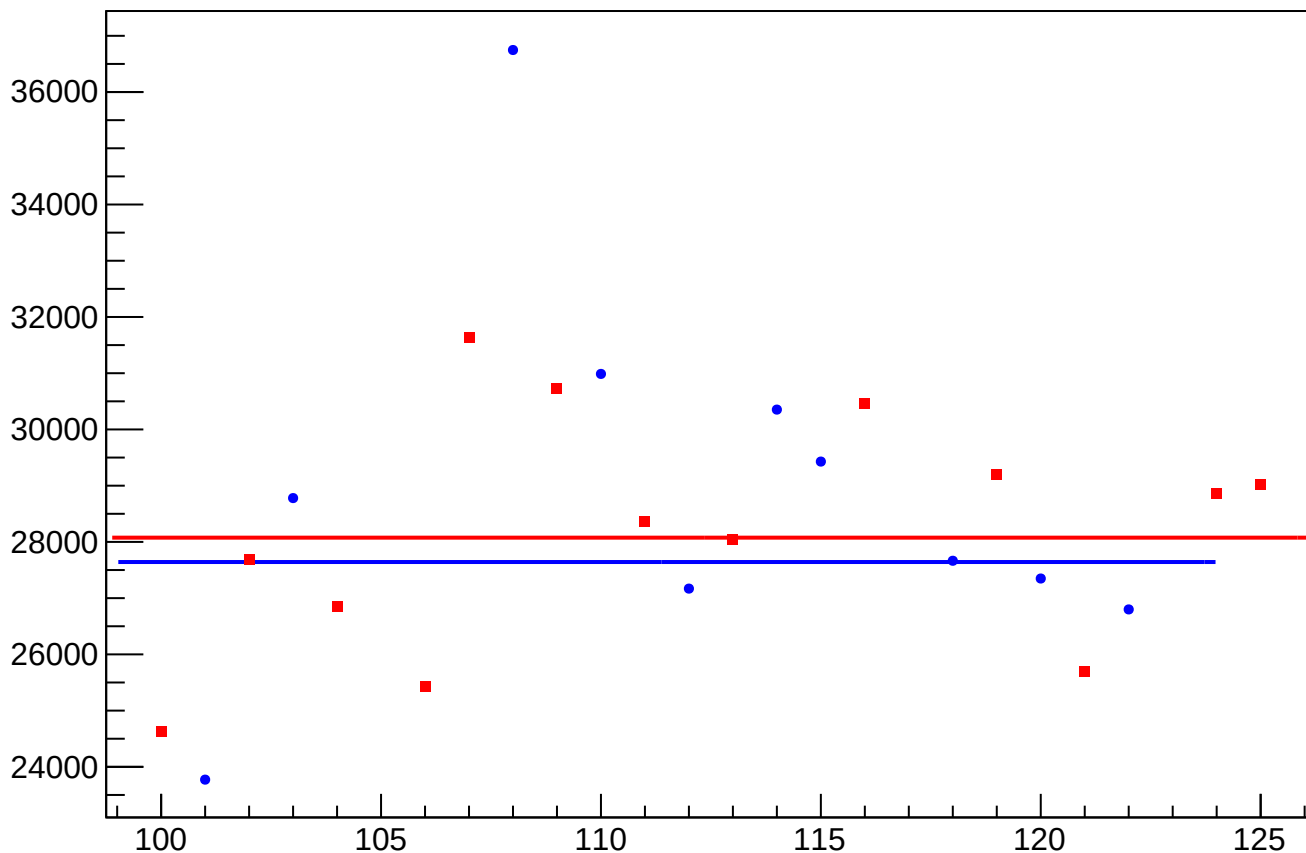
Right: -4.128+/-9.266 χ^2/NDF : 22.9/22

In: -2.236+/-13.757 χ^2/NDF : 10.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.128+/-9.266 χ^2/NDF : 22.9/22

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: 28075.756+/-8.863 χ^2/NDF : 39634.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

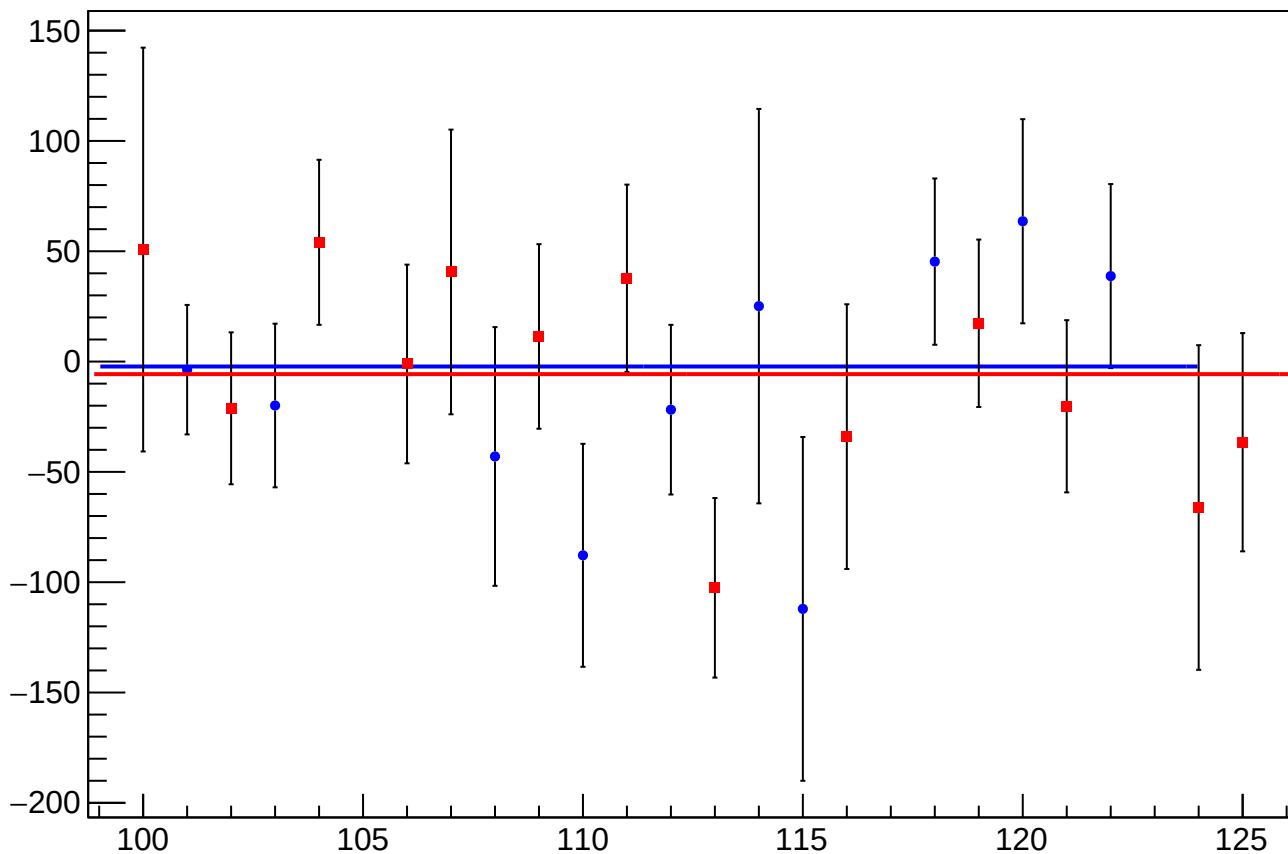
Right: 27879.161+/-6.552 χ^2/NDF : 138474.2/22

In: 27642.354+/-9.728 χ^2/NDF :97755.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 27879.161+/-6.552 χ^2/NDF : 138474.2/22

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: -5.698+/-12.535 χ^2/NDF : 12.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

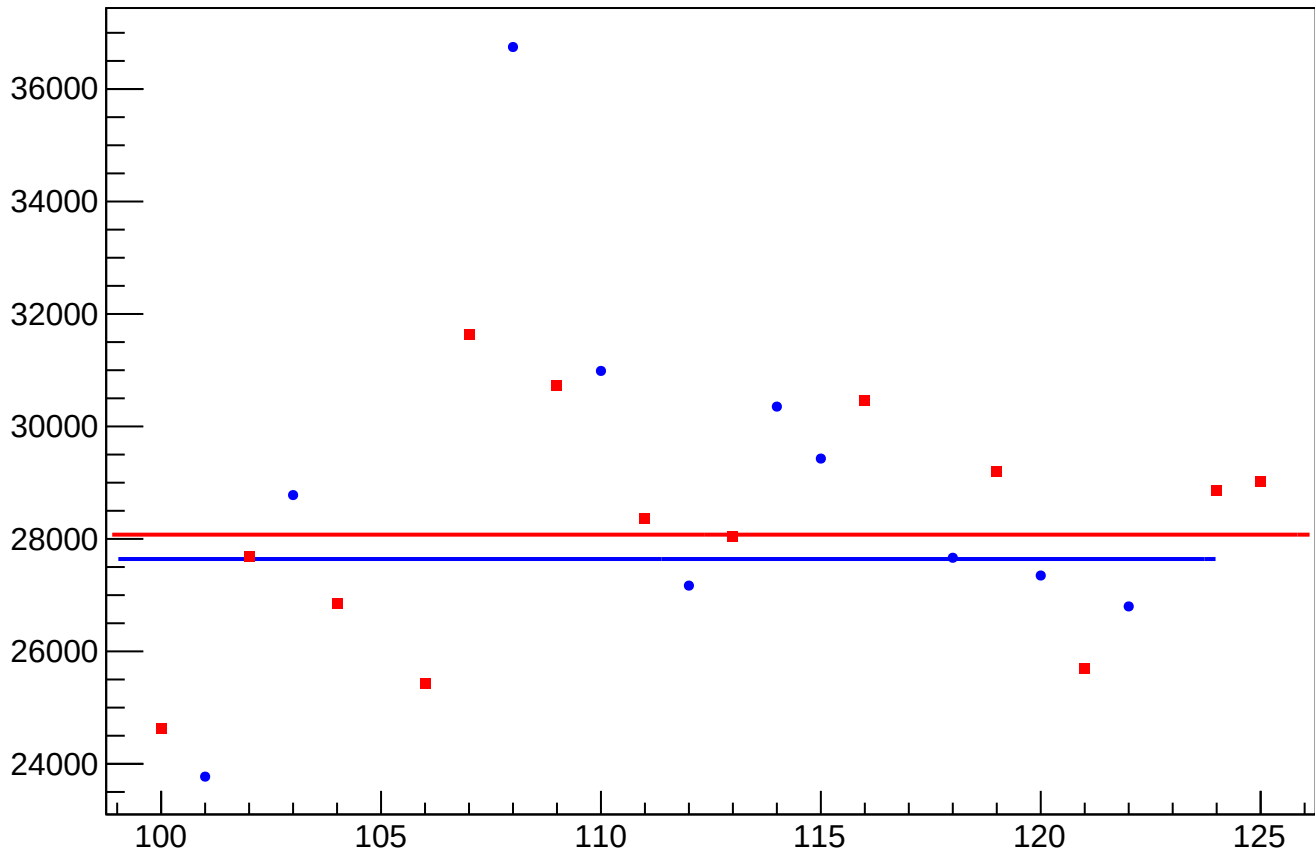
Right: -4.128+/-9.266 χ^2/NDF : 22.9/22

In: -2.236+/-13.757 χ^2/NDF : 10.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.128+/-9.266 χ^2/NDF : 22.9/22

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: 28075.756+/-8.863 χ^2/NDF : 39634.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

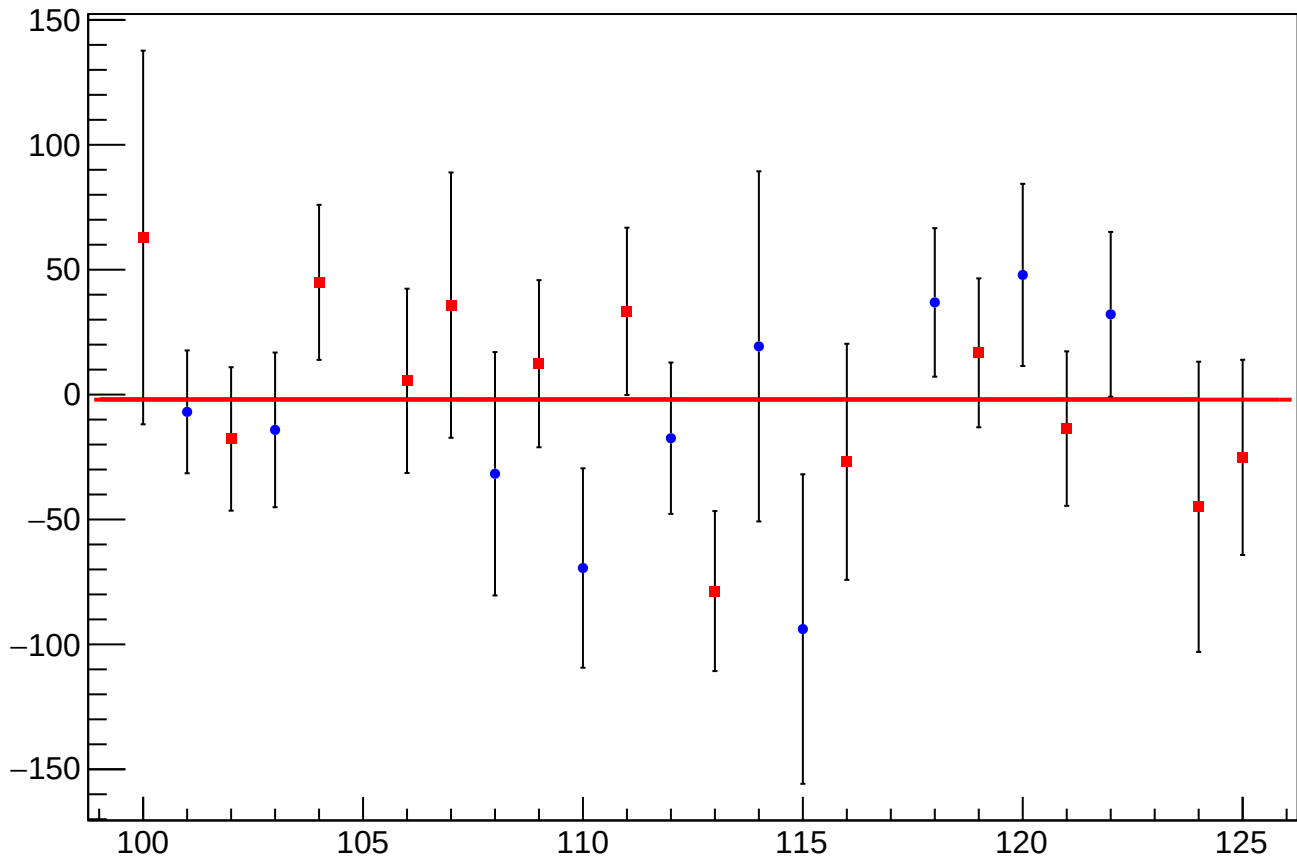
Right: 27879.161+/-6.552 χ^2/NDF : 138474.2/22

In: 27642.354+/-9.728 χ^2/NDF :97755.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 27879.161+/-6.552 χ^2/NDF : 138474.2/22

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: -2.032+/-10.076 χ^2/NDF : 12.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

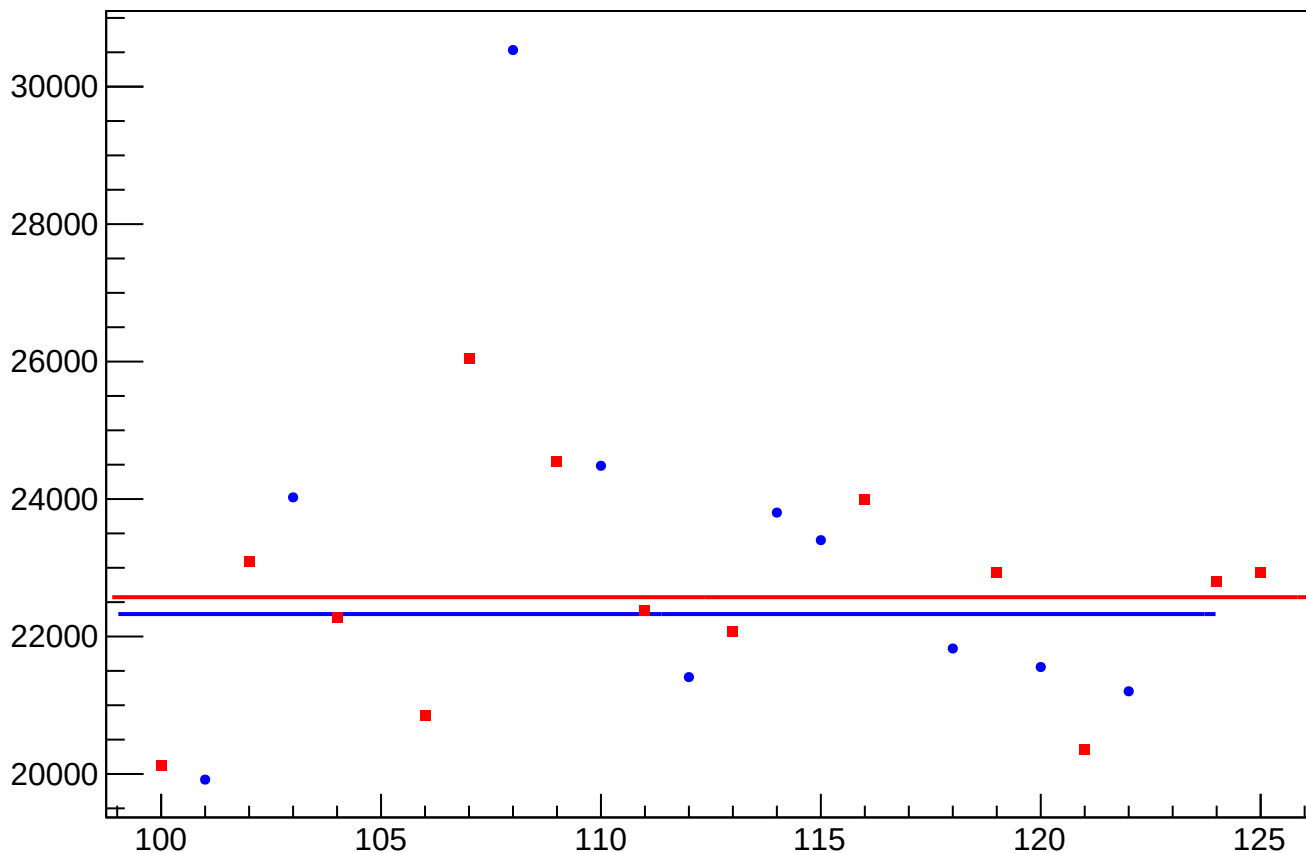
Right: -1.967+/-7.464 χ^2/NDF : 23.2/22

In: -1.888+/-11.110 χ^2/NDF :10.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.967+/-7.464 χ^2/NDF : 23.2/22

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: 22572.210+/-7.125 χ^2/NDF : 35921.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

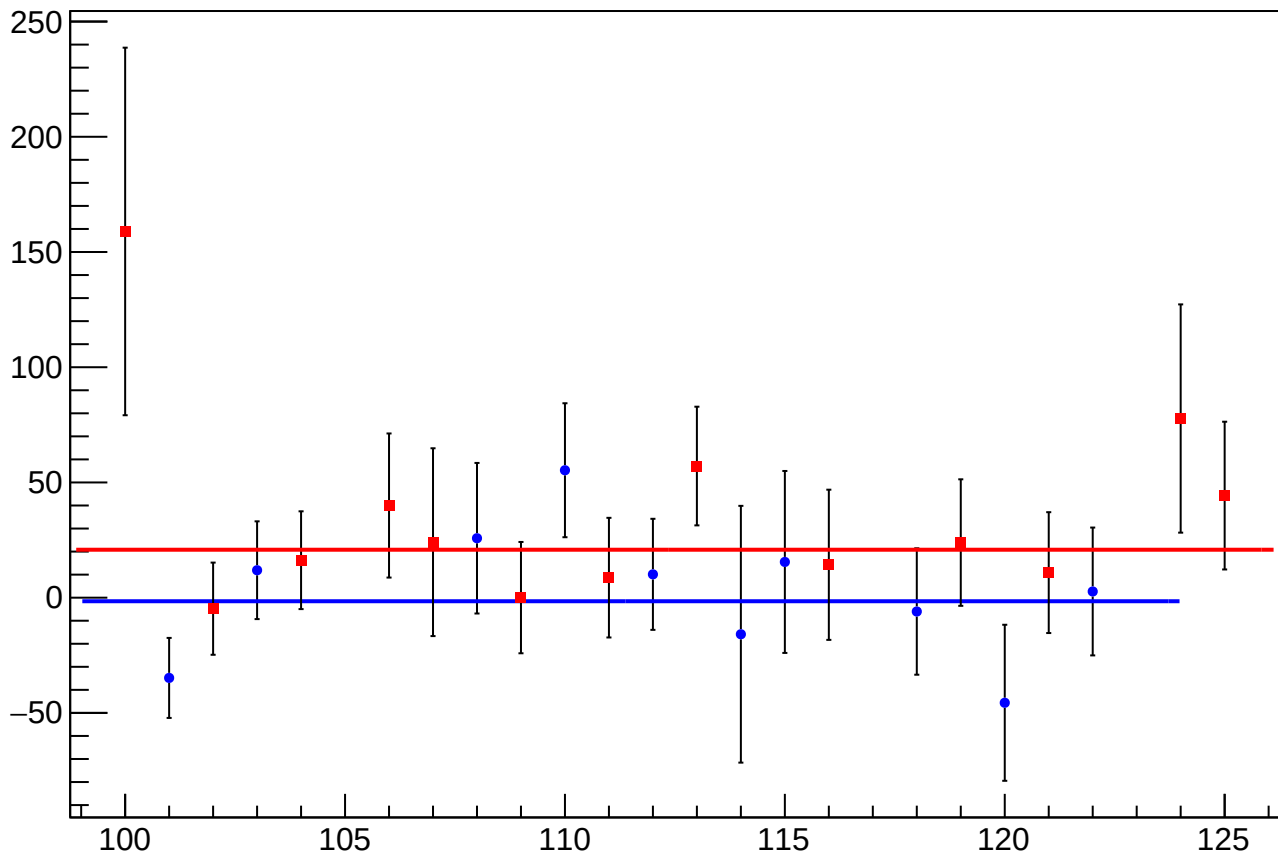
Right: 22461.363+/-5.278 χ^2/NDF : 131354.6/22

In: 22326.613+/-7.856 χ^2/NDF :94896.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22461.363+/-5.278 χ^2/NDF : 131354.6/22

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: 20.807+/-7.829 χ^2/NDF : 10.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

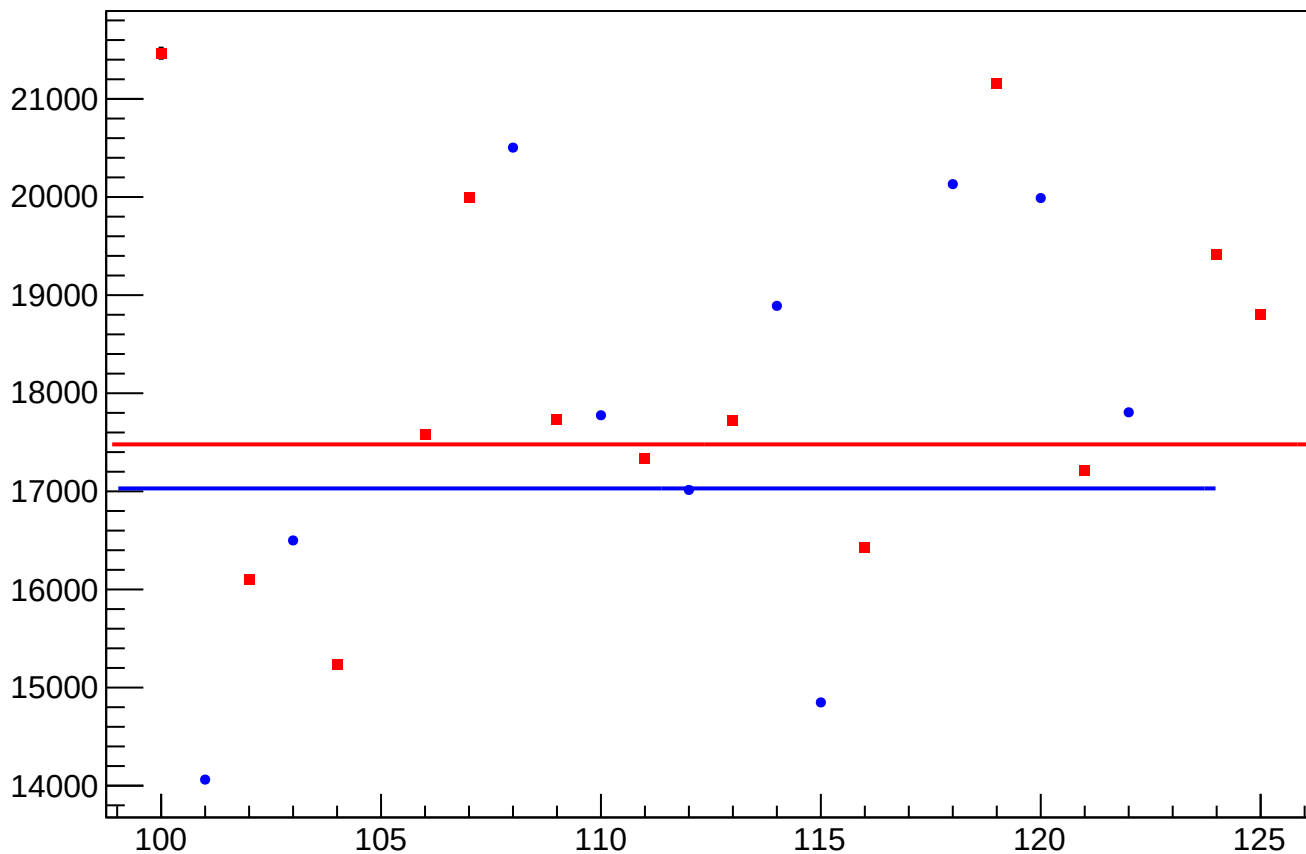
Right: 10.545+/-5.758 χ^2/NDF : 24.6/22

In: -1.544+/-8.498 χ^2/NDF : 10.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.545+/-5.758 χ^2/NDF : 24.6/22

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: 17478.788+/-5.536 χ^2/NDF : 89569.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

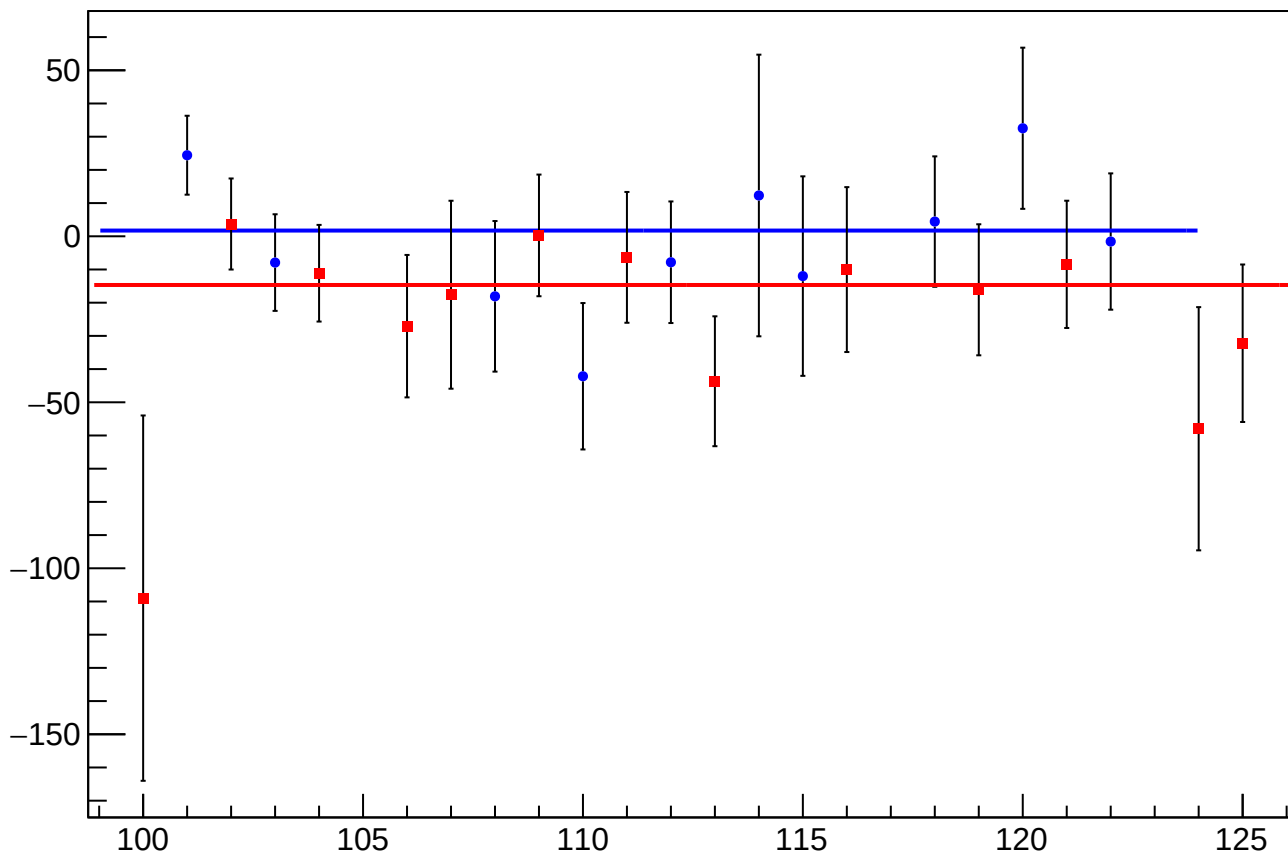
Right: 17272.701+/-4.071 χ^2/NDF : 226958.2/22

In: 17029.904+/-6.009 χ^2/NDF : 134369.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17272.701+/-4.071 χ^2/NDF : 226958.2/22

diff_bpm4aediffX_mean vs Slug, Sign Corrected



Right In: 1.726 ± 6.074 $\chi^2/\text{NDF}: 11.0/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -14.667 ± 5.644 $\chi^2/\text{NDF}: 10.3/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

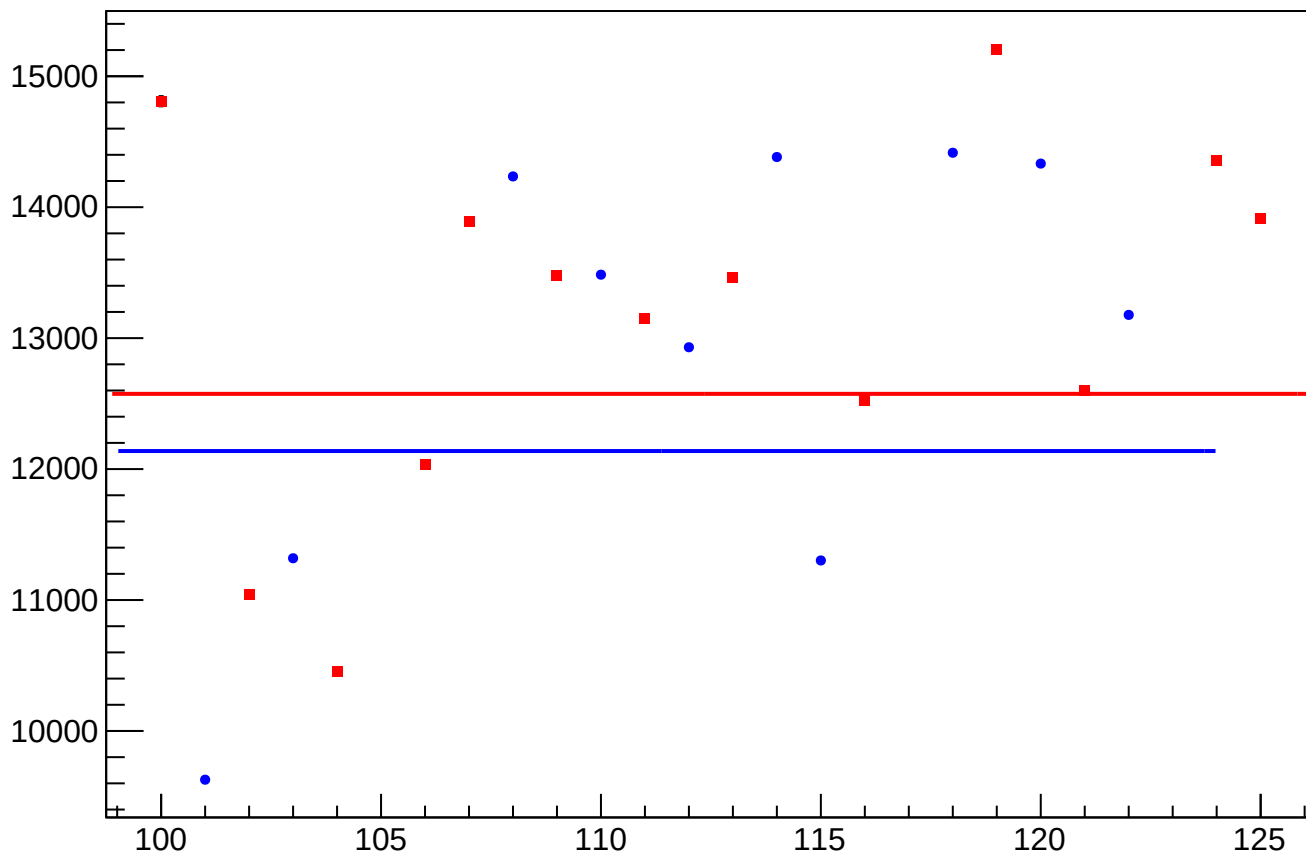
Right: -7.071 ± 4.135 $\chi^2/\text{NDF}: 25.2/22$

In: 1.726 ± 6.074 $\chi^2/\text{NDF}: 11.0/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -7.071 ± 4.135 $\chi^2/\text{NDF}: 25.2/22$

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: 12574.545+/-3.991 χ^2/NDF : 133595.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

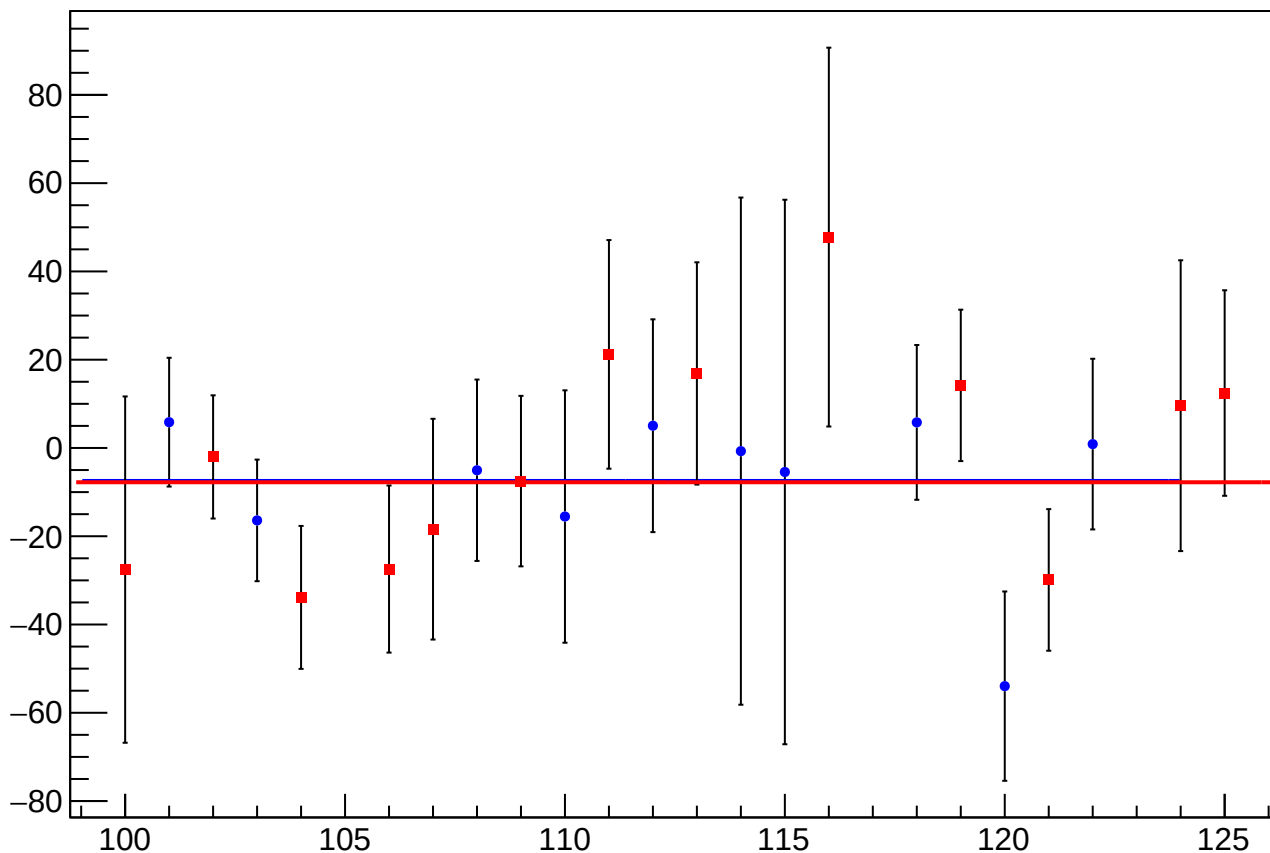
Right: 12372.185+/-2.924 χ^2/NDF : 318491.2/22

In: 12137.867+/-4.295 χ^2/NDF :179348.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 12372.185+/-2.924 χ^2/NDF : 318491.2/22

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: -7.768+/-5.742 χ^2/NDF : 12.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

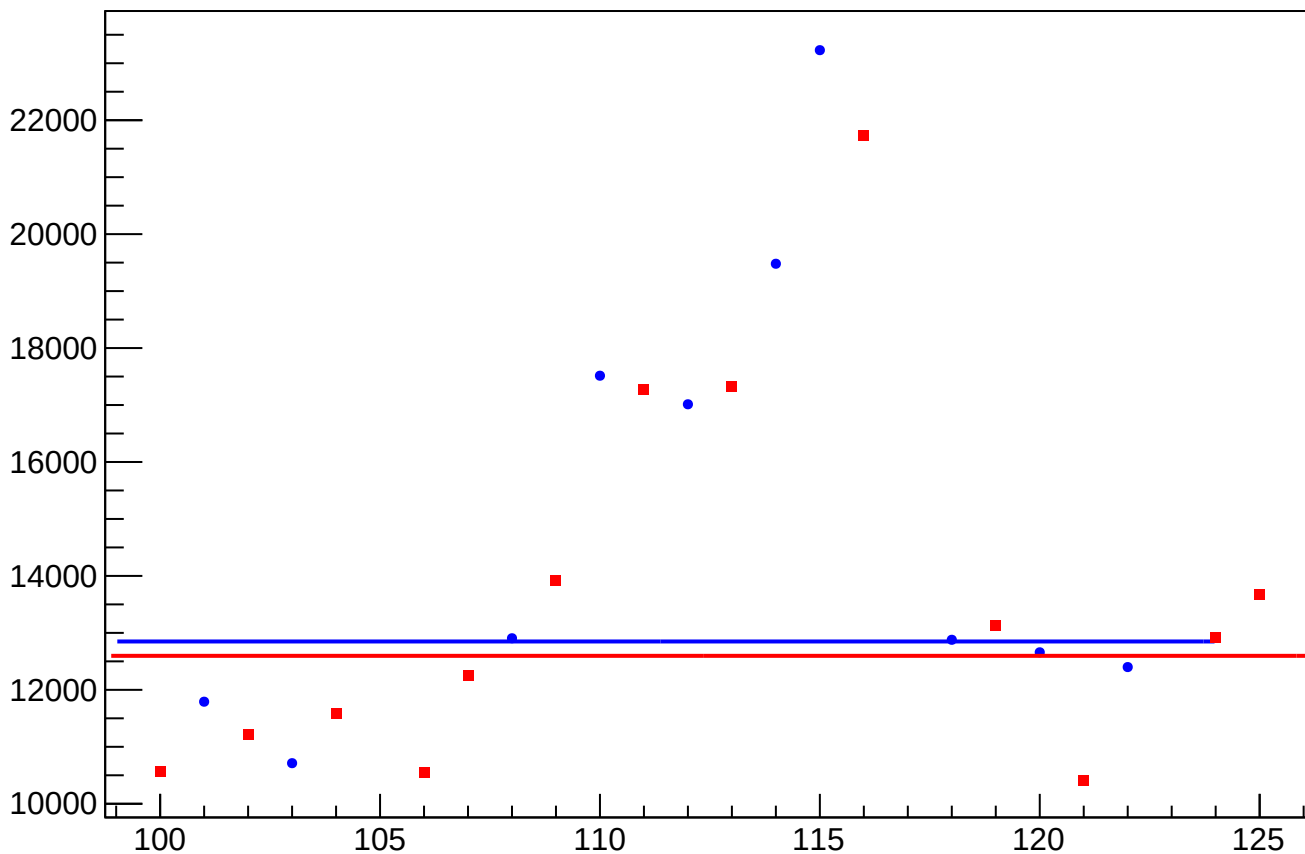
Right: -7.639+/-4.293 χ^2/NDF : 19.8/22

In: -7.477+/-6.462 χ^2/NDF : 7.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.639+/-4.293 χ^2/NDF : 19.8/22

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: 12596.972+/-4.060 χ^2/NDF : 335813.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

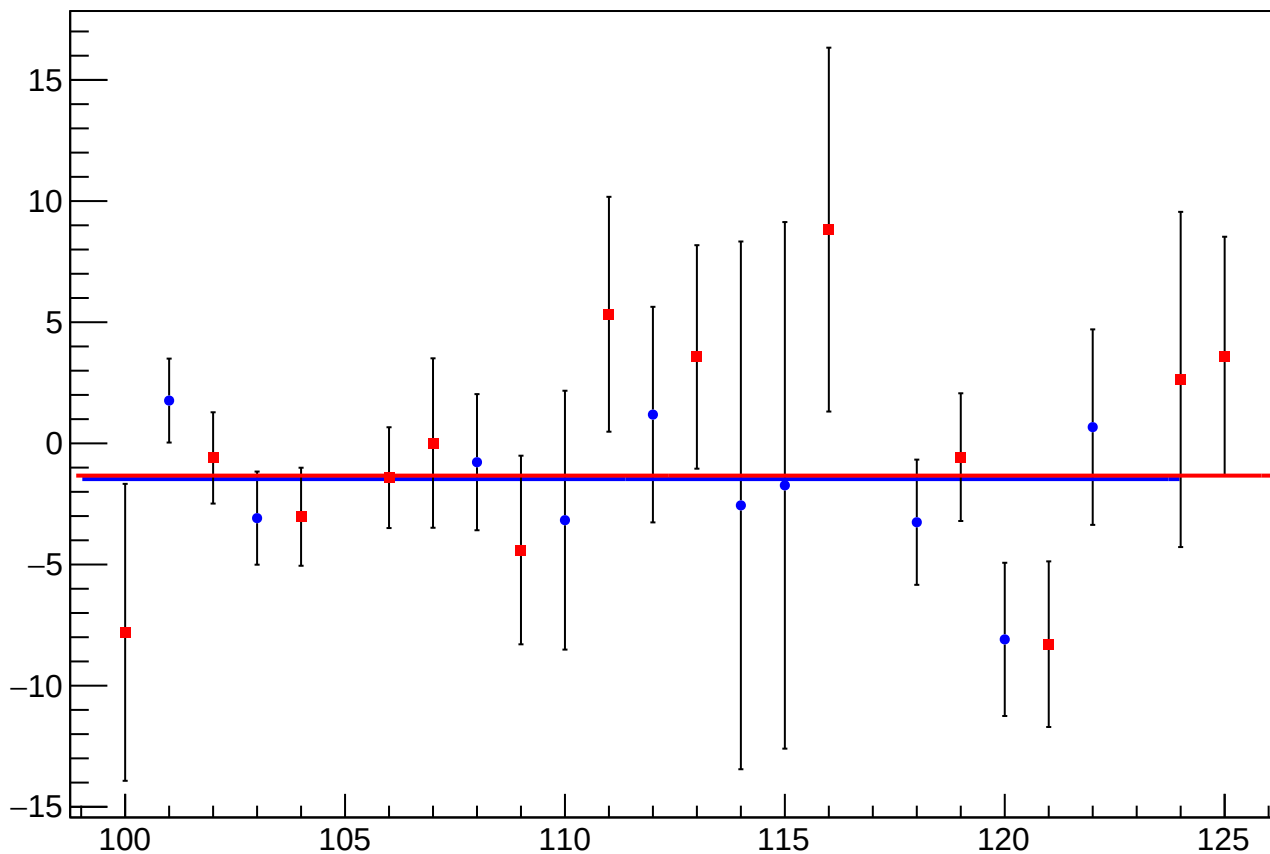
Right: 12708.216+/-3.035 χ^2/NDF : 593560.4/22

In: 12849.109+/-4.570 χ^2/NDF : 256045.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12708.216+/-3.035 χ^2/NDF : 593560.4/22

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: -1.331+/-0.867 χ^2/NDF : 13.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

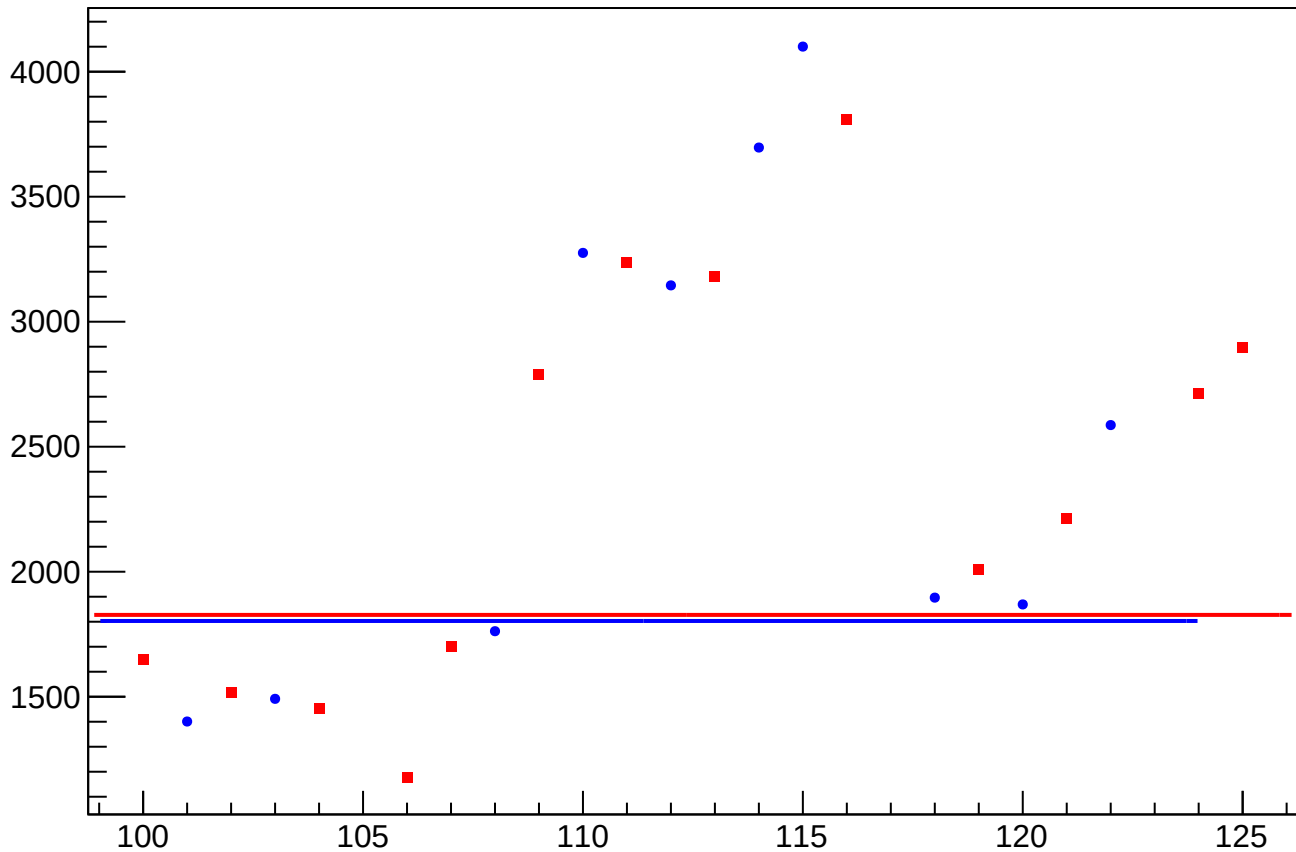
Right: -1.397+/-0.636 χ^2/NDF : 23.0/22

In: -1.474+/-0.935 χ^2/NDF :9.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.397+/-0.636 χ^2/NDF : 23.0/22

diff_bpm4aediffY_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: 1827.296+/-0.613 χ^2/NDF : 1086914.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

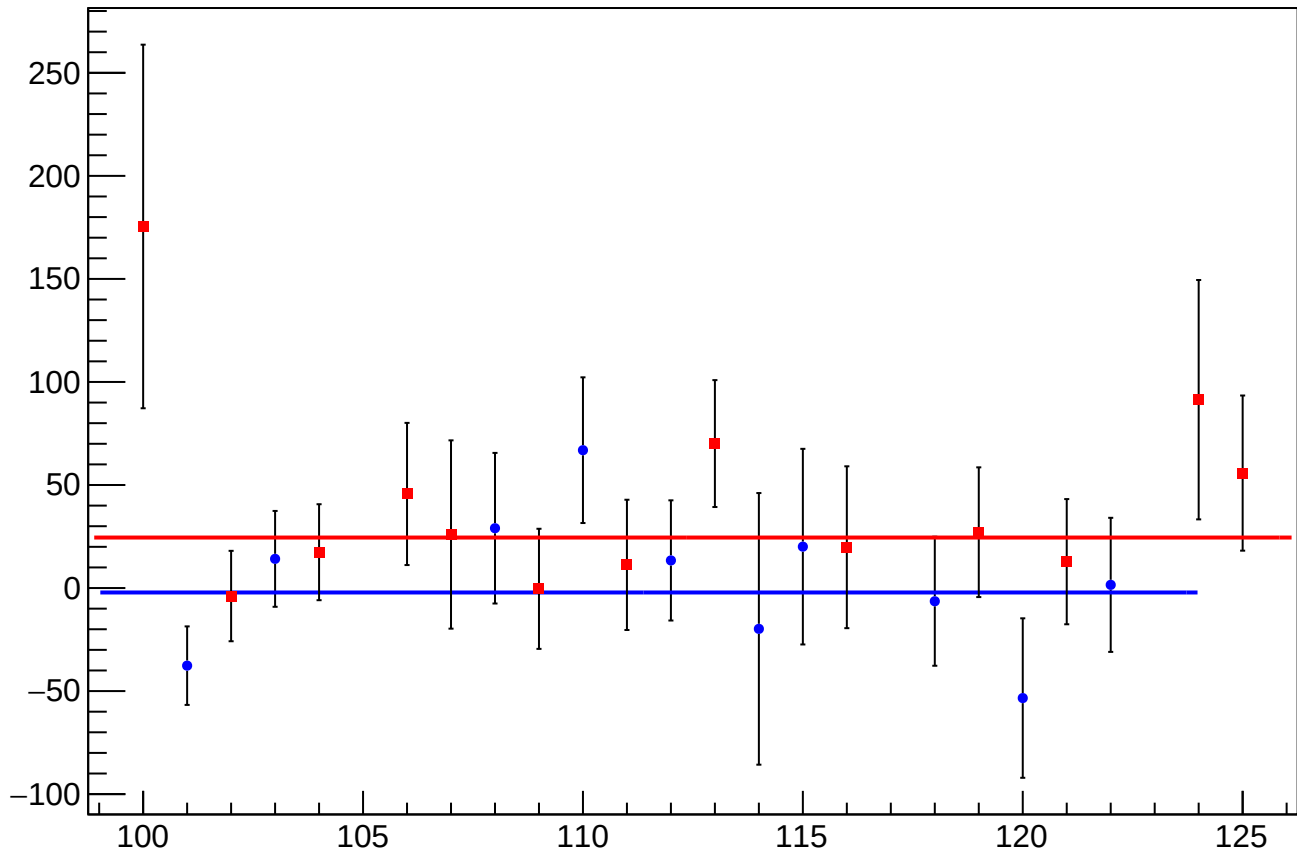
Right: 1816.070+/-0.449 χ^2/NDF : 1811236.9/22

In: 1803.021+/-0.661 χ^2/NDF : 723597.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1816.070+/-0.449 χ^2/NDF : 1811236.9/22

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: 24.506+/-8.999 χ^2 /NDF: 10.4/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

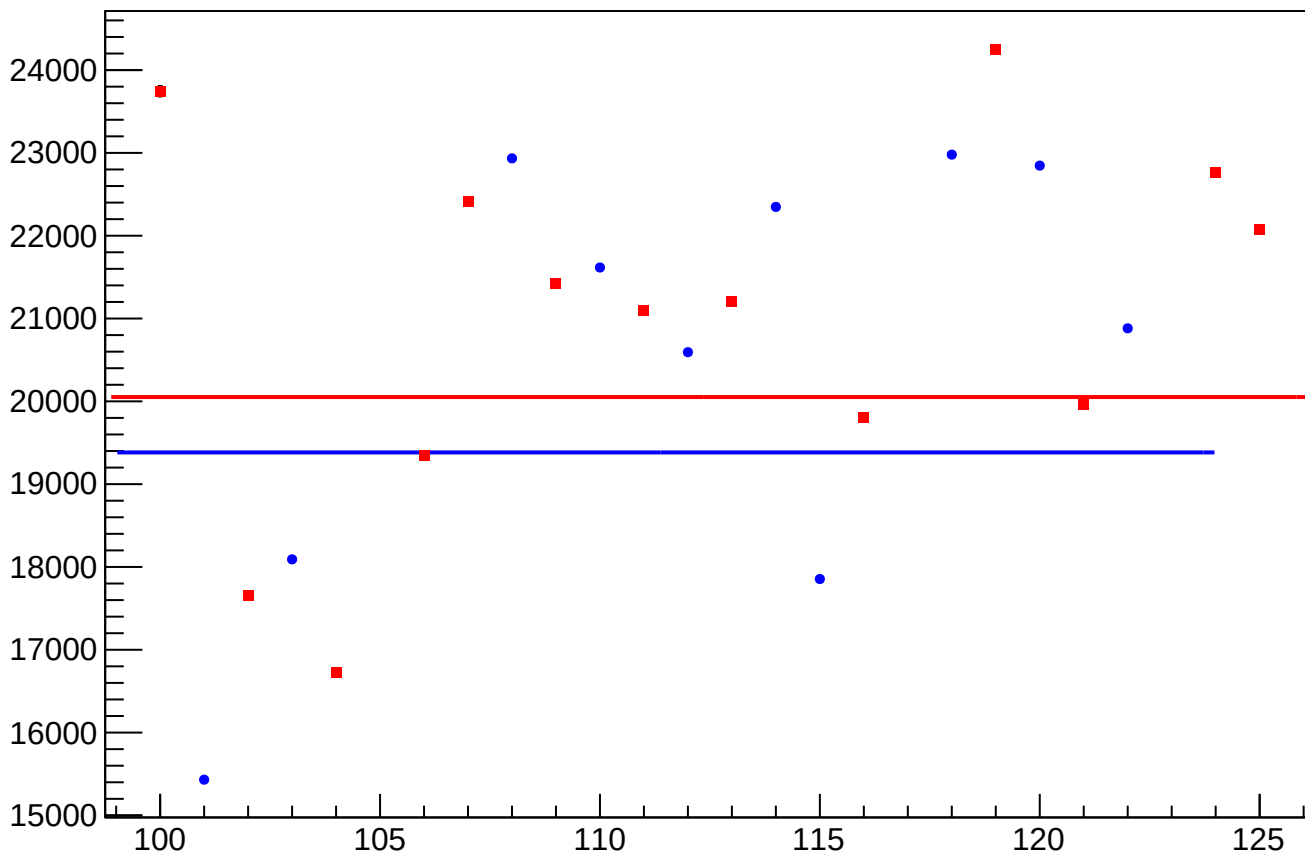
Right: 12.170+/-6.596 χ^2 /NDF: 25.3/22

In: -2.154+/-9.696 χ^2 /NDF:10.9/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 12.170+/-6.596 χ^2 /NDF: 25.3/22

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: 20051.961+/-6.363 χ^2/NDF : 129579.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

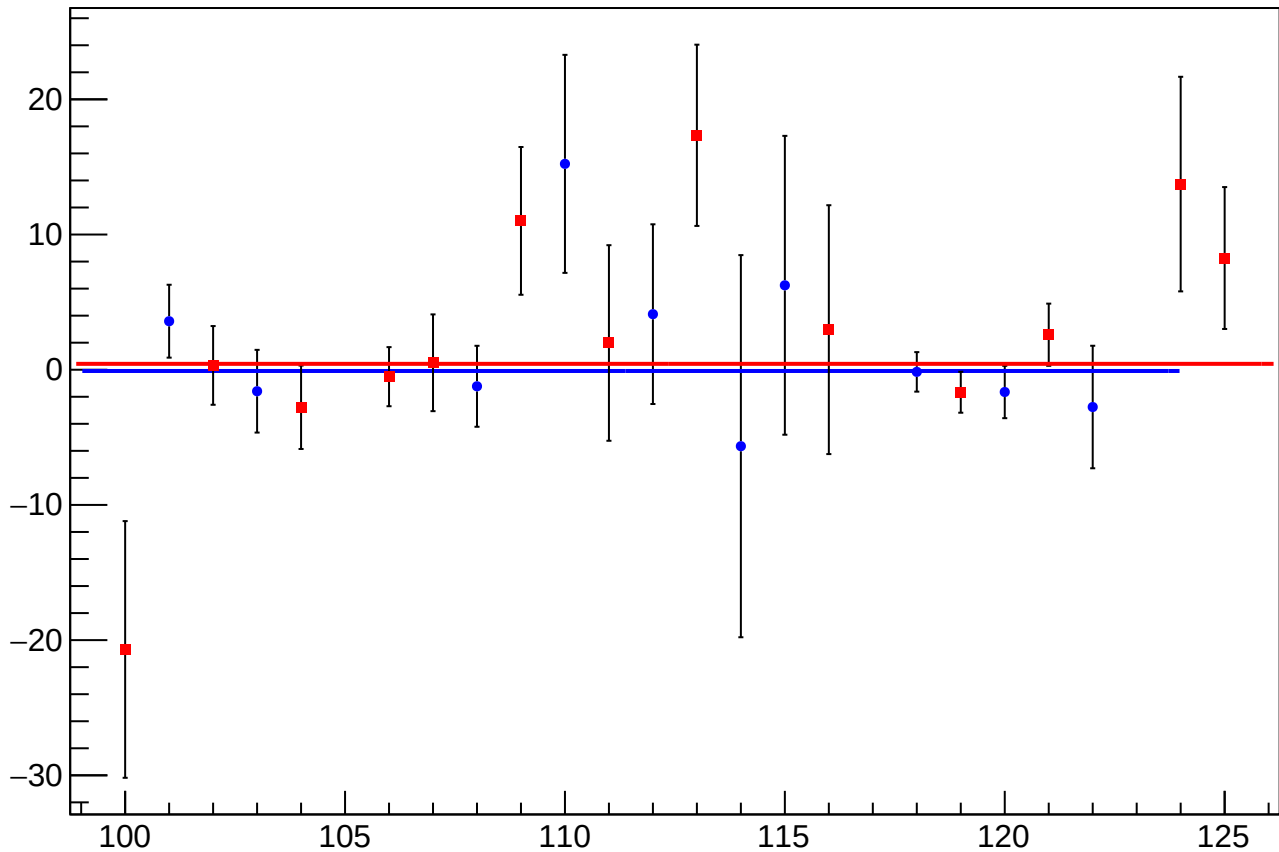
Right: 19742.399+/-4.664 χ^2/NDF : 309993.0/22

In: 19382.989+/-6.856 χ^2/NDF :175298.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 19742.399+/-4.664 χ^2/NDF : 309993.0/22

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: 0.435 ± 0.882 $\chi^2/\text{NDF}: 24.3/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

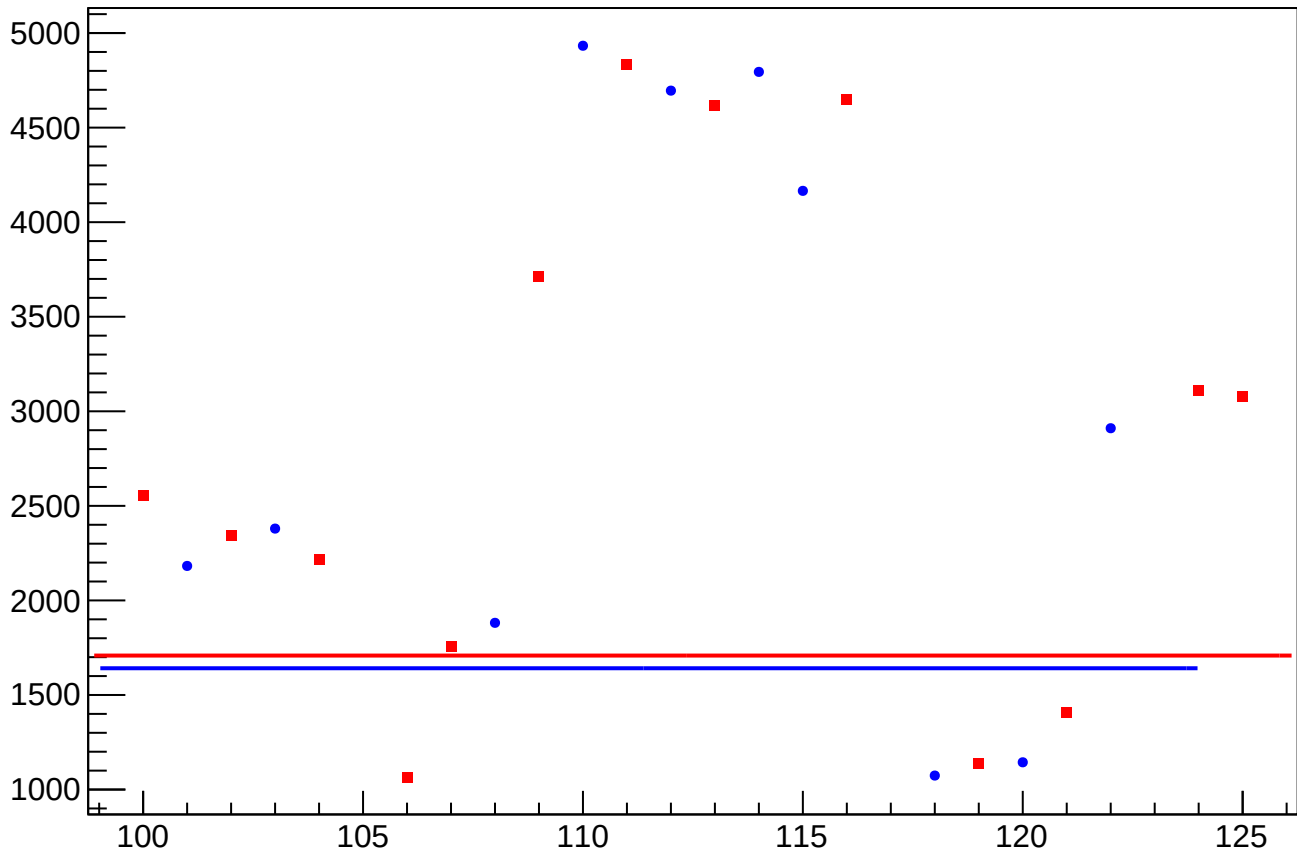
Right: 0.181 ± 0.636 $\chi^2/\text{NDF}: 32.2/22$

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: 0.181 ± 0.636 $\chi^2/\text{NDF}: 32.2/22$

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: 1708.426+/-0.624 χ^2/NDF : 2082638.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

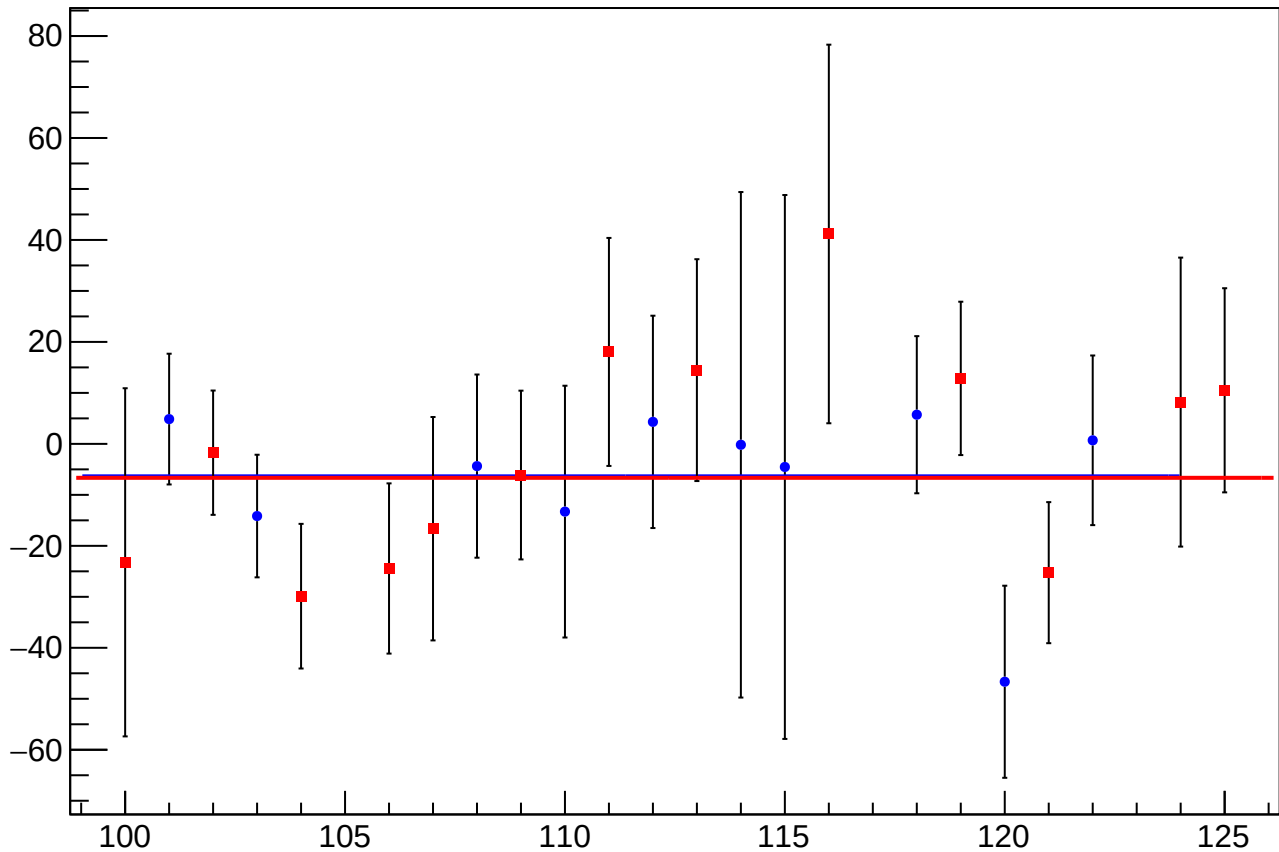
Right: 1676.162+/-0.449 χ^2/NDF : 3847806.2/22

In: 1641.338+/-0.648 χ^2/NDF : 1759604.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1676.162+/-0.449 χ^2/NDF : 3847806.2/22

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: -6.658+/-4.994 χ^2/NDF : 12.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

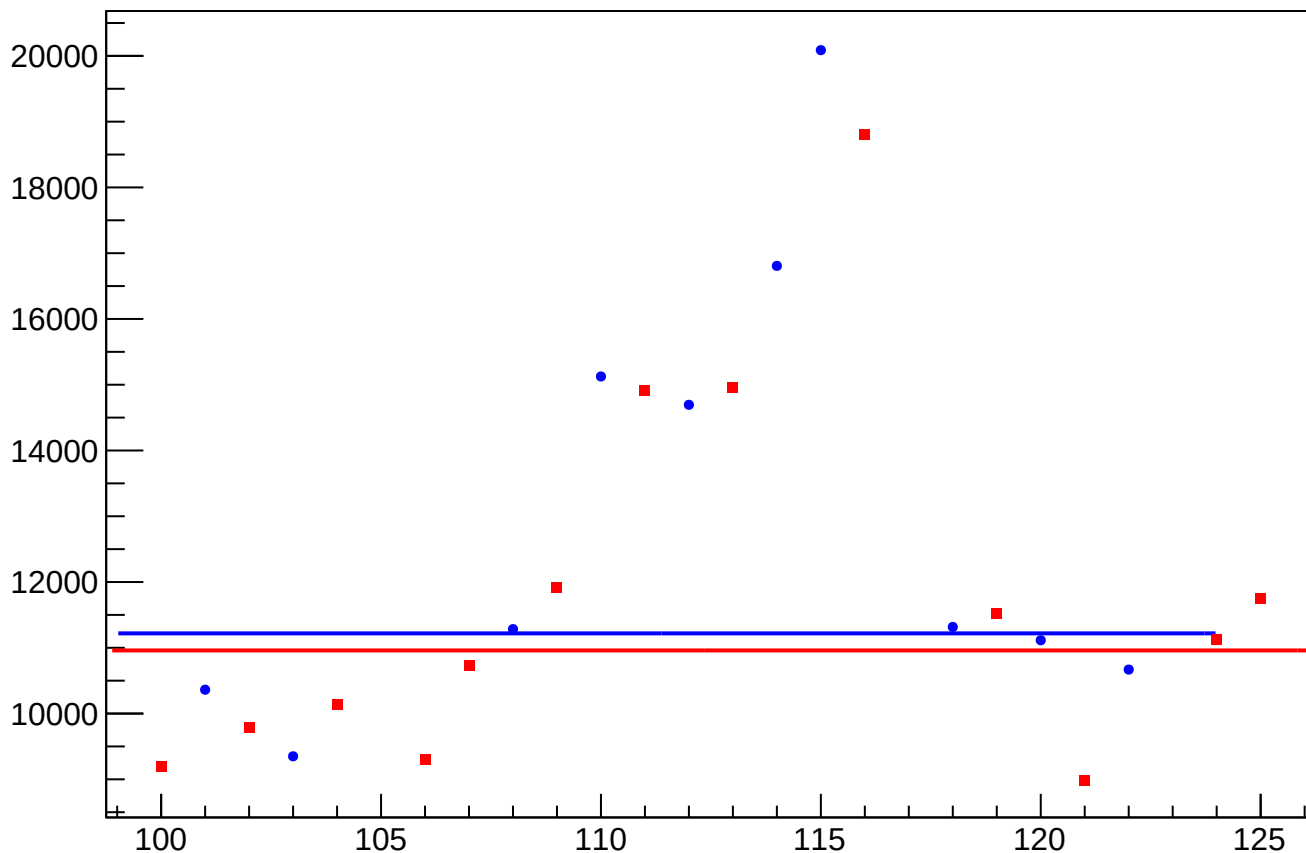
Right: -6.530+/-3.739 χ^2/NDF : 19.7/22

In: -6.368+/-5.640 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.530+/-3.739 χ^2/NDF : 19.7/22

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: 10959.887+/-3.531 χ^2/NDF : 323097.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

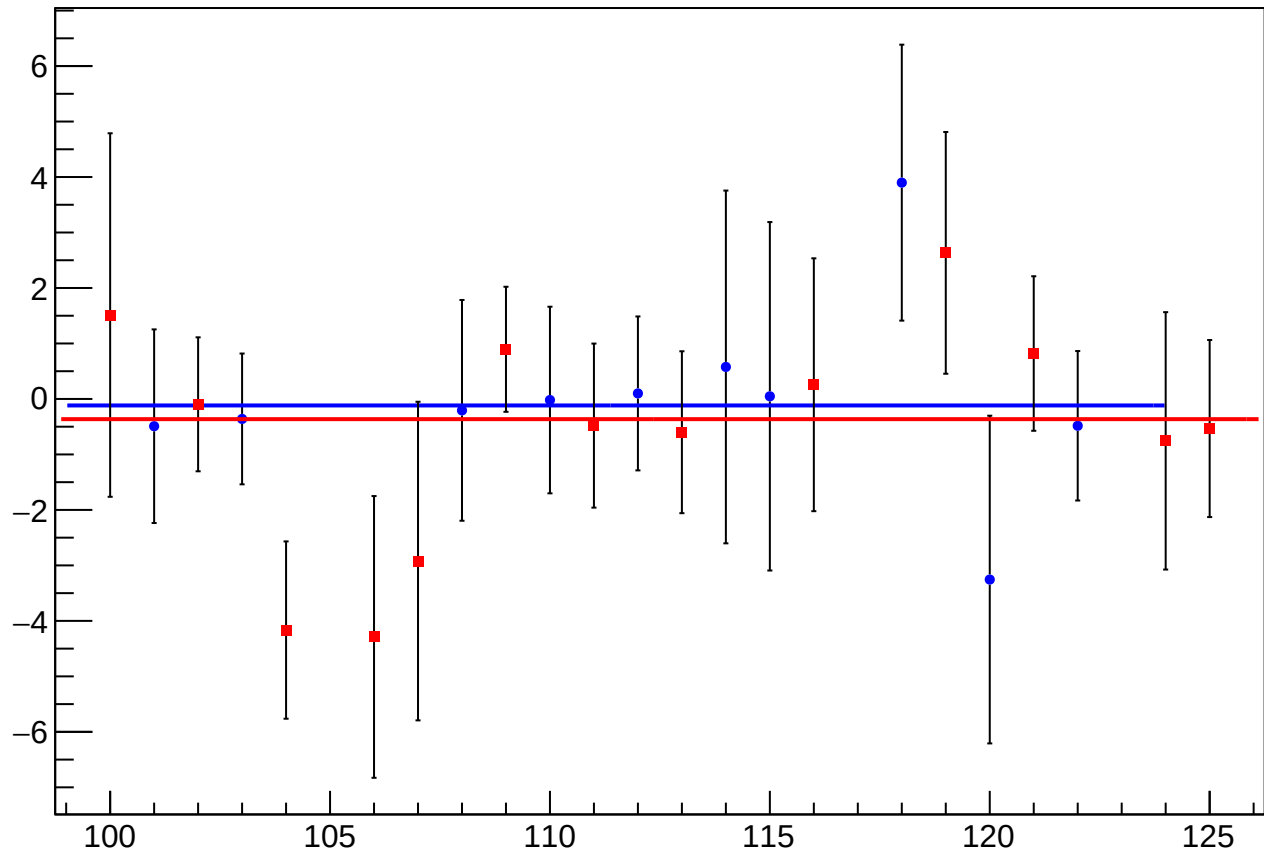
Right: 11073.896+/-2.644 χ^2/NDF : 571500.7/22

In: 11219.300+/-3.988 χ^2/NDF : 246031.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11073.896+/-2.644 χ^2/NDF : 571500.7/22

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: -0.364 ± 0.463 χ^2/NDF : 13.2/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

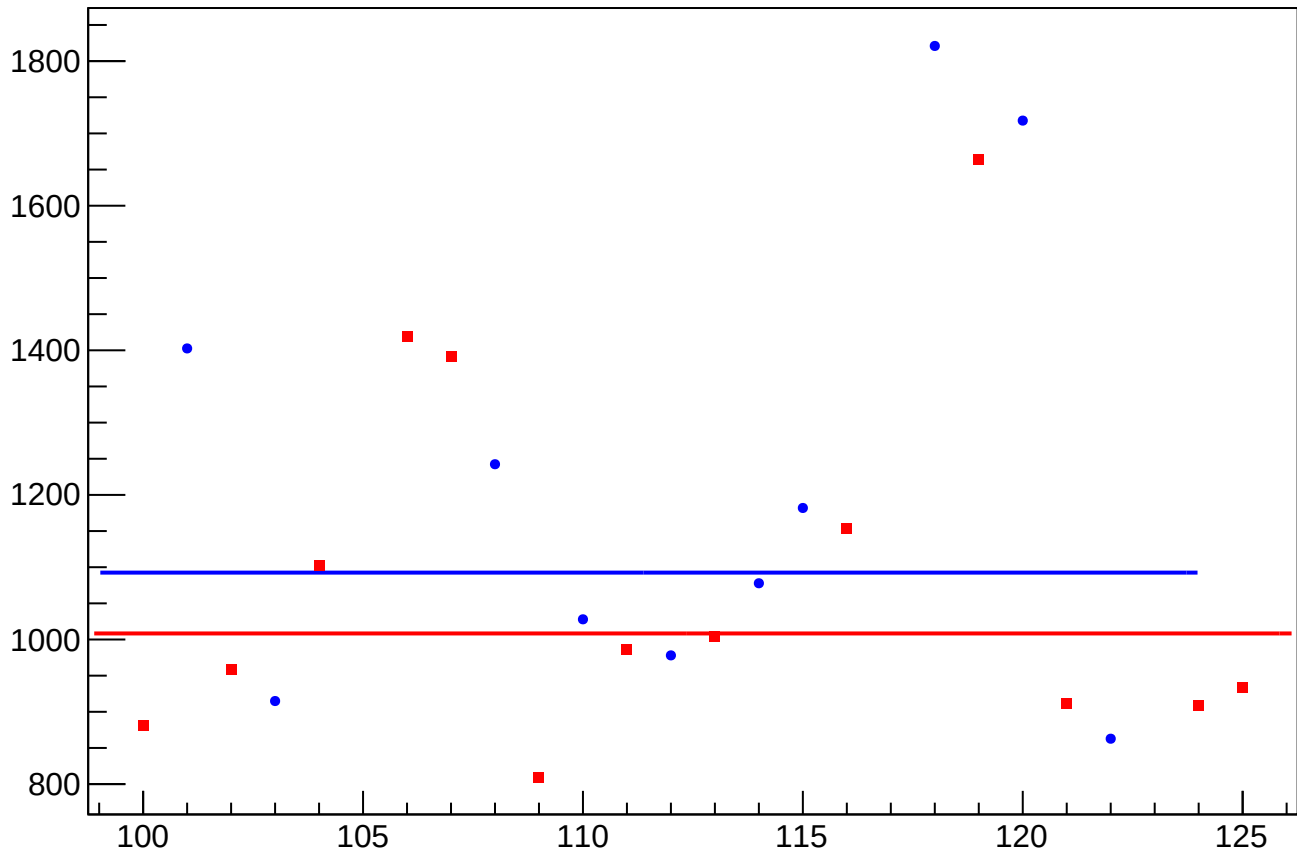
Right: -0.263 ± 0.357 χ^2/NDF : 17.3/22

In: -0.117 ± 0.559 χ^2/NDF : 4.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.263 ± 0.357 χ^2/NDF : 17.3/22

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: 1008.377+/-0.328 χ^2/NDF : 370501.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

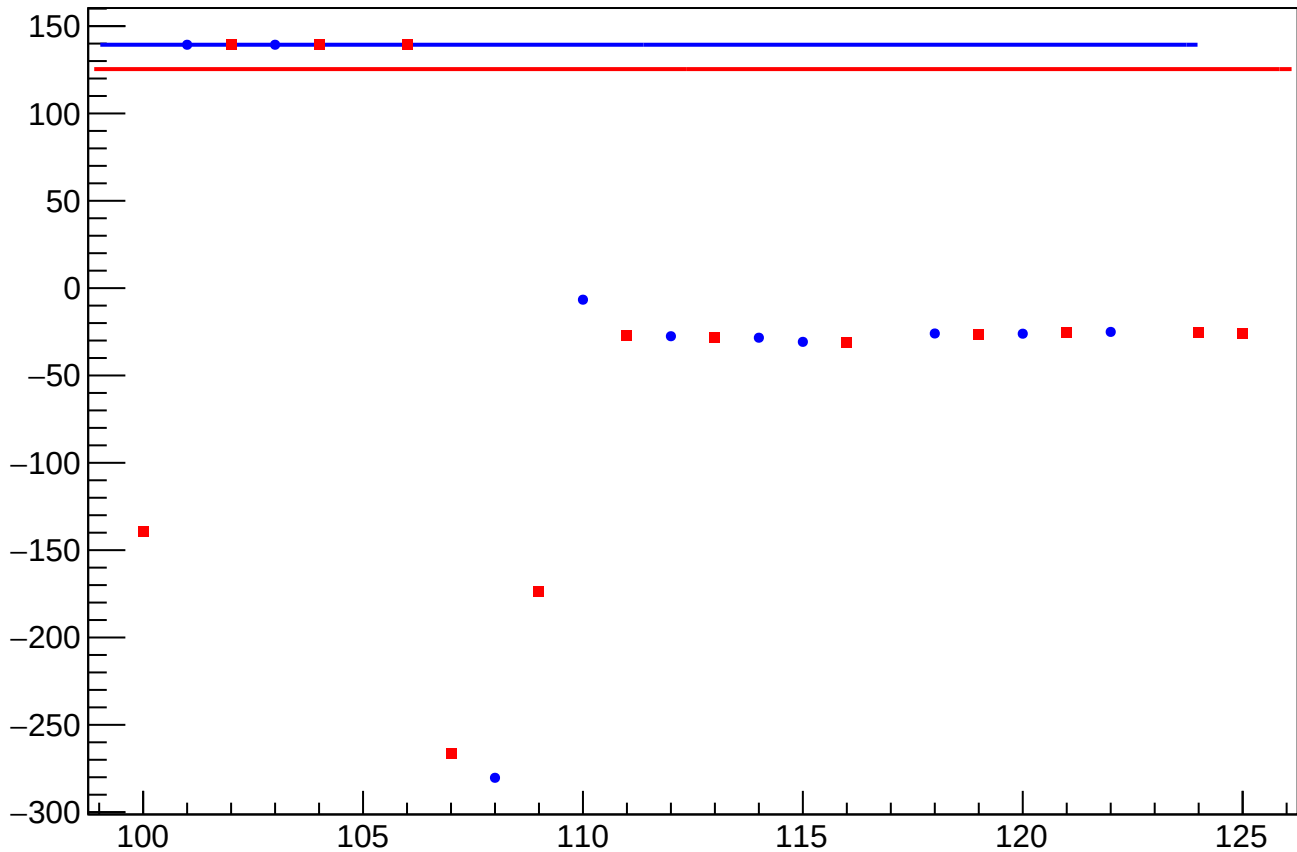
Right: 1042.651+/-0.252 χ^2/NDF : 854972.9/22

In: 1092.528+/-0.395 χ^2/NDF :457593.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1042.651+/-0.252 χ^2/NDF : 854972.9/22

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 : 774157579244952.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

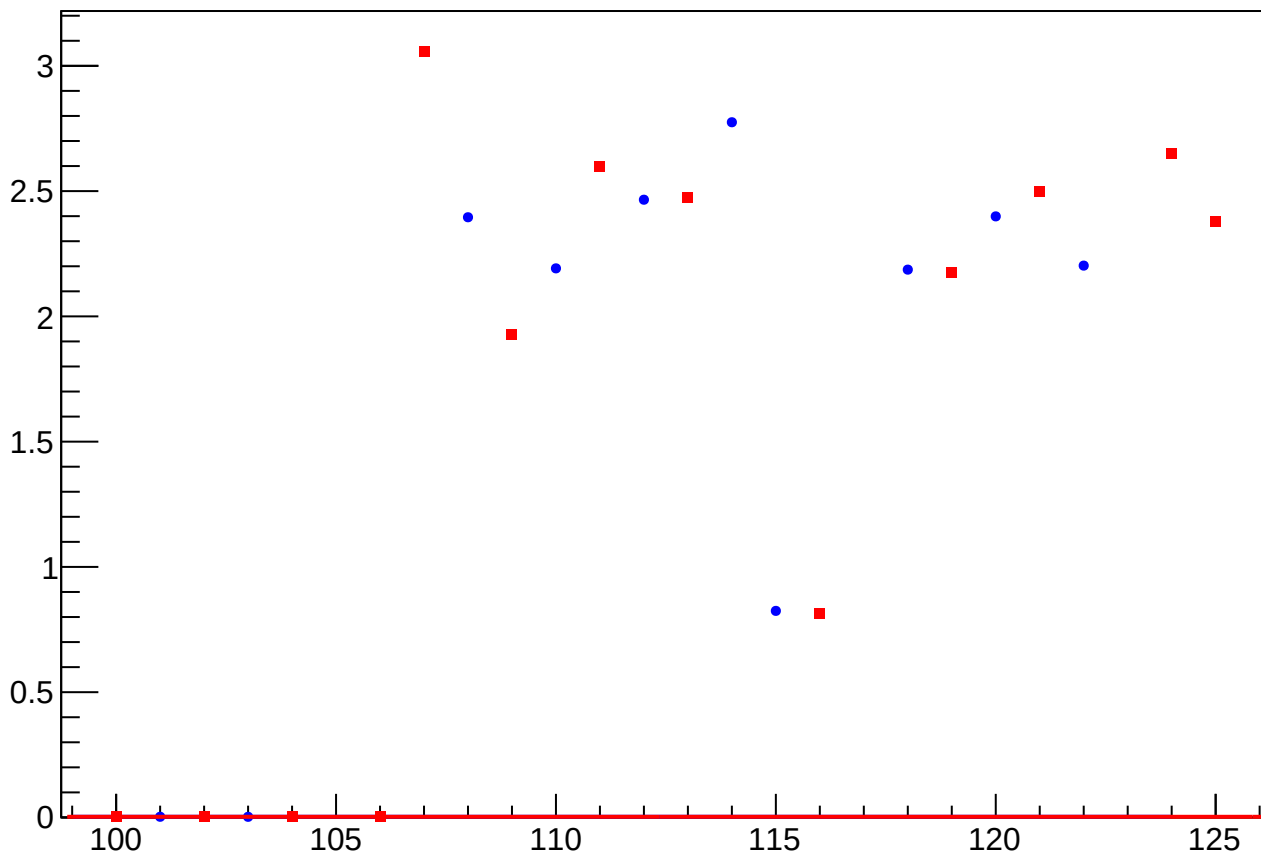
Right: 131.819+/-0.000 χ^2/NDF : 792966166516011

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 : 792966166516

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 : 5866946.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

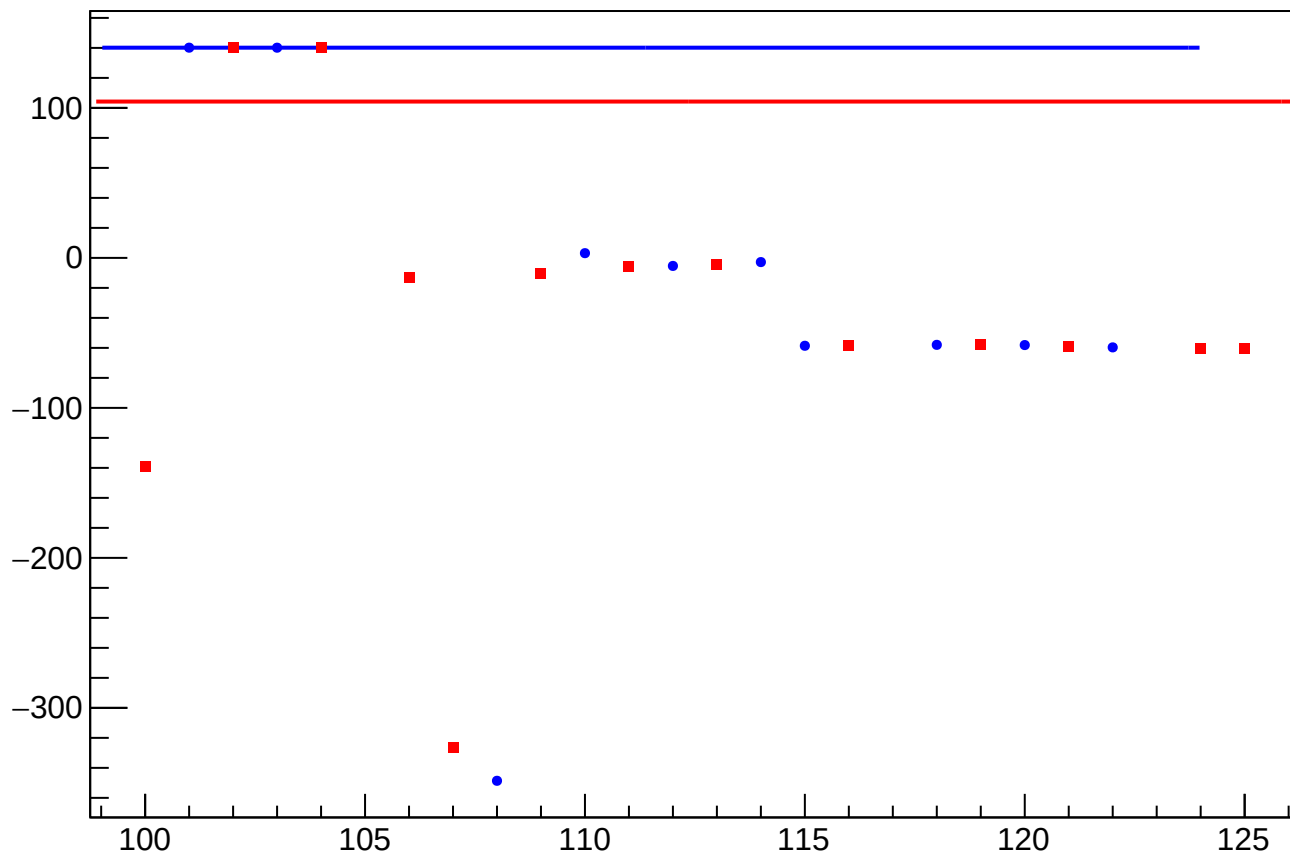
Right: 0.003+/-0.000 χ^2/NDF : 10539117.8/22

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 : 10539117.8/22

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 : 1257320297605443.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

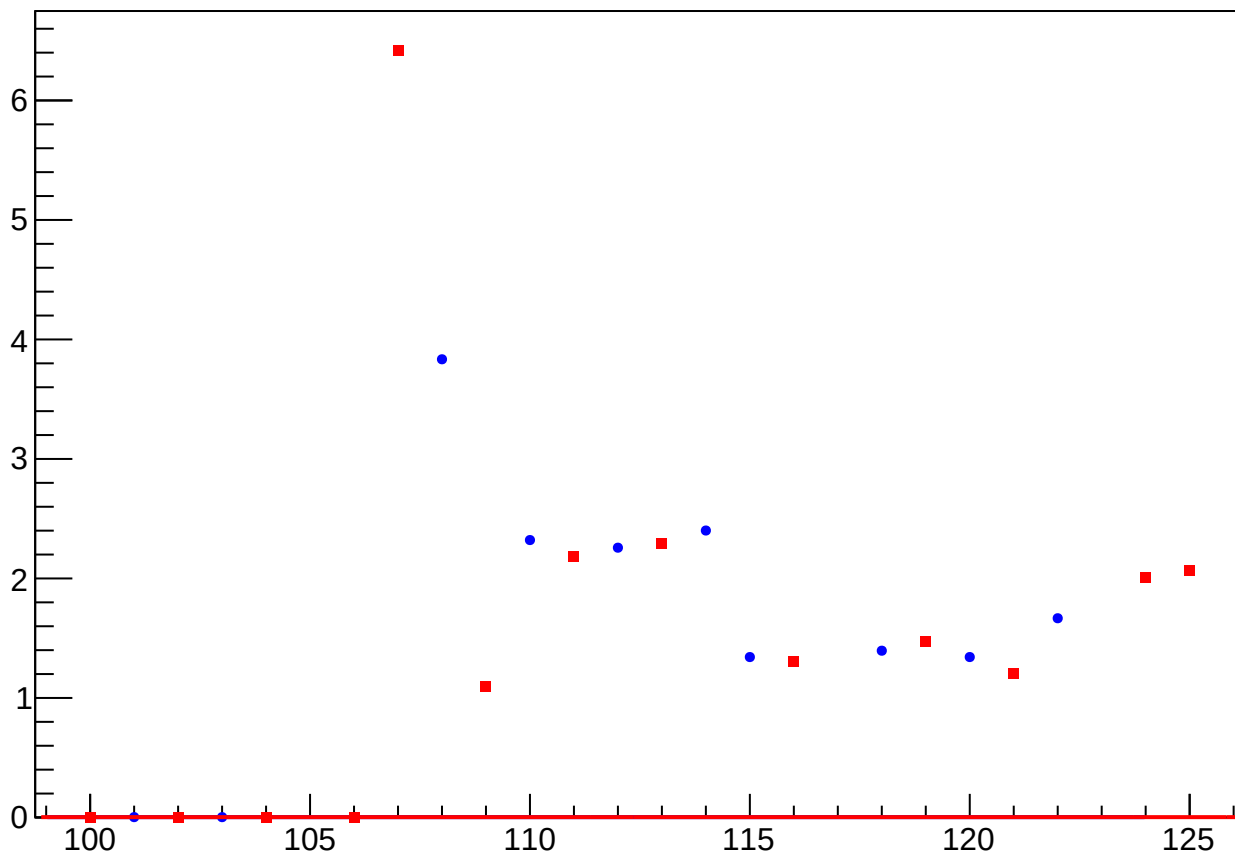
Right: 120.835+/-0.000 χ^2/NDF : 138067126625559

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 : 138067126625

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 : 5912654.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

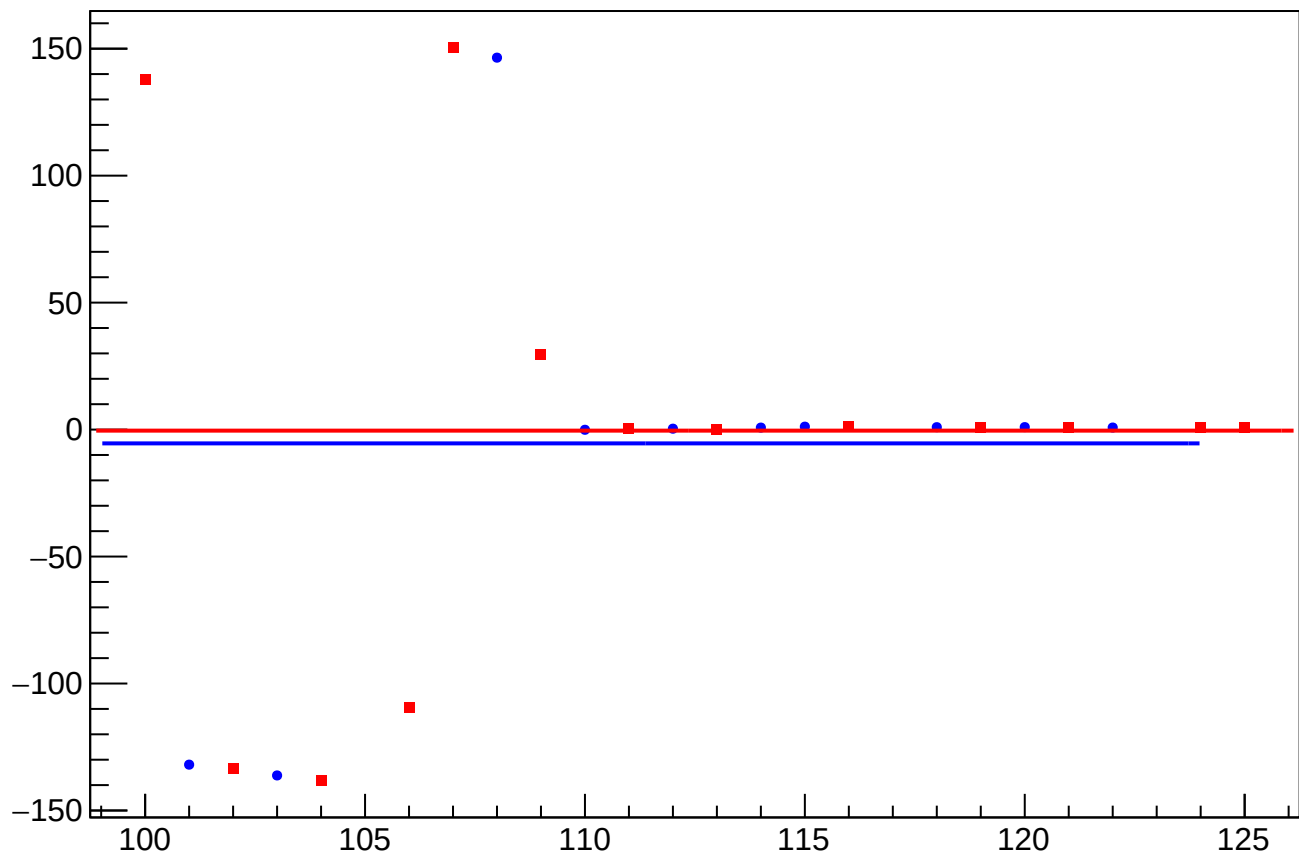
Right: 0.003+/-0.000 χ^2/NDF : 10970813.0/22

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 : 10970813.0/22

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: -0.412+/-0.000 χ^2/NDF : 3603735380.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

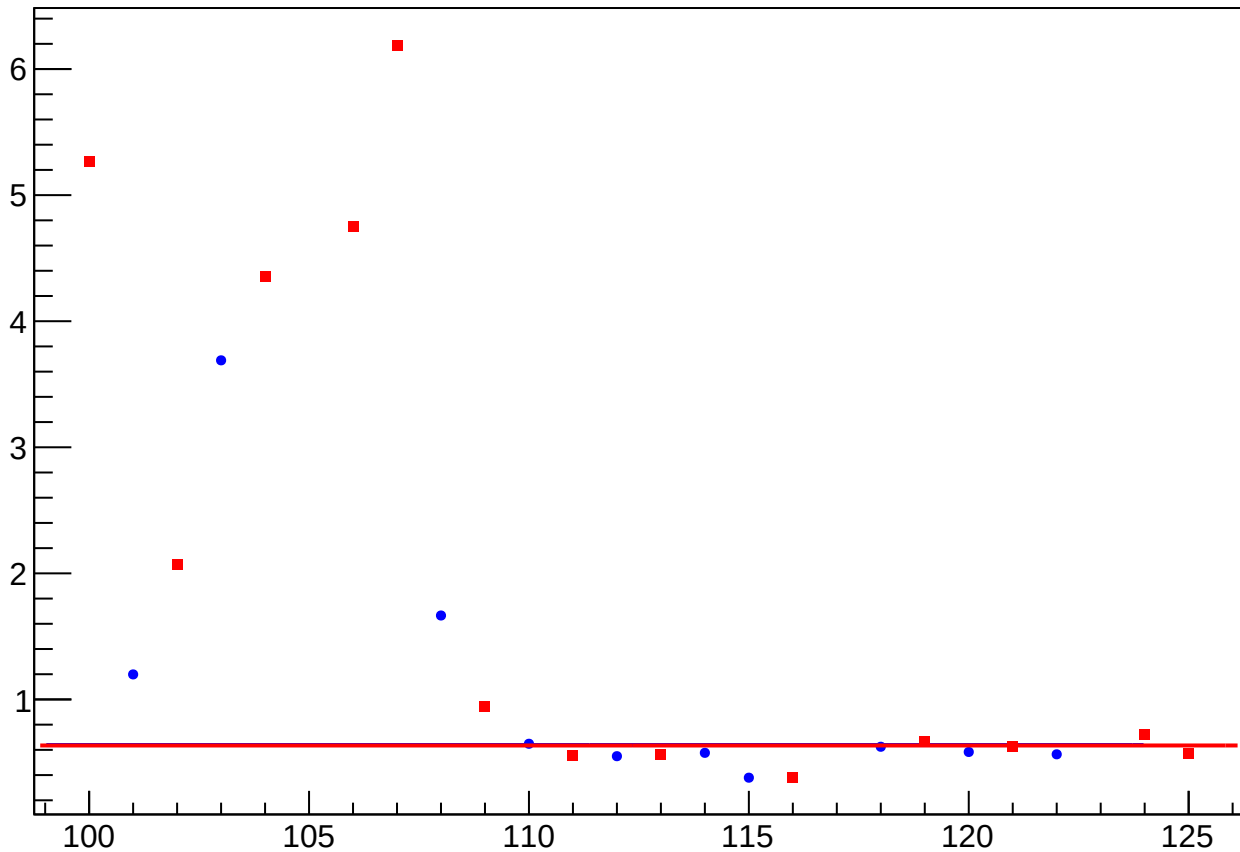
Right: -2.765+/-0.000 χ^2/NDF : 13428898921.7/22

In: -5.433+/-0.000 χ^2/NDF : 9734901088.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.765+/-0.000 χ^2/NDF : 13428898921.7/22

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: 0.635+/-0.000 χ^2/NDF : 2297437.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

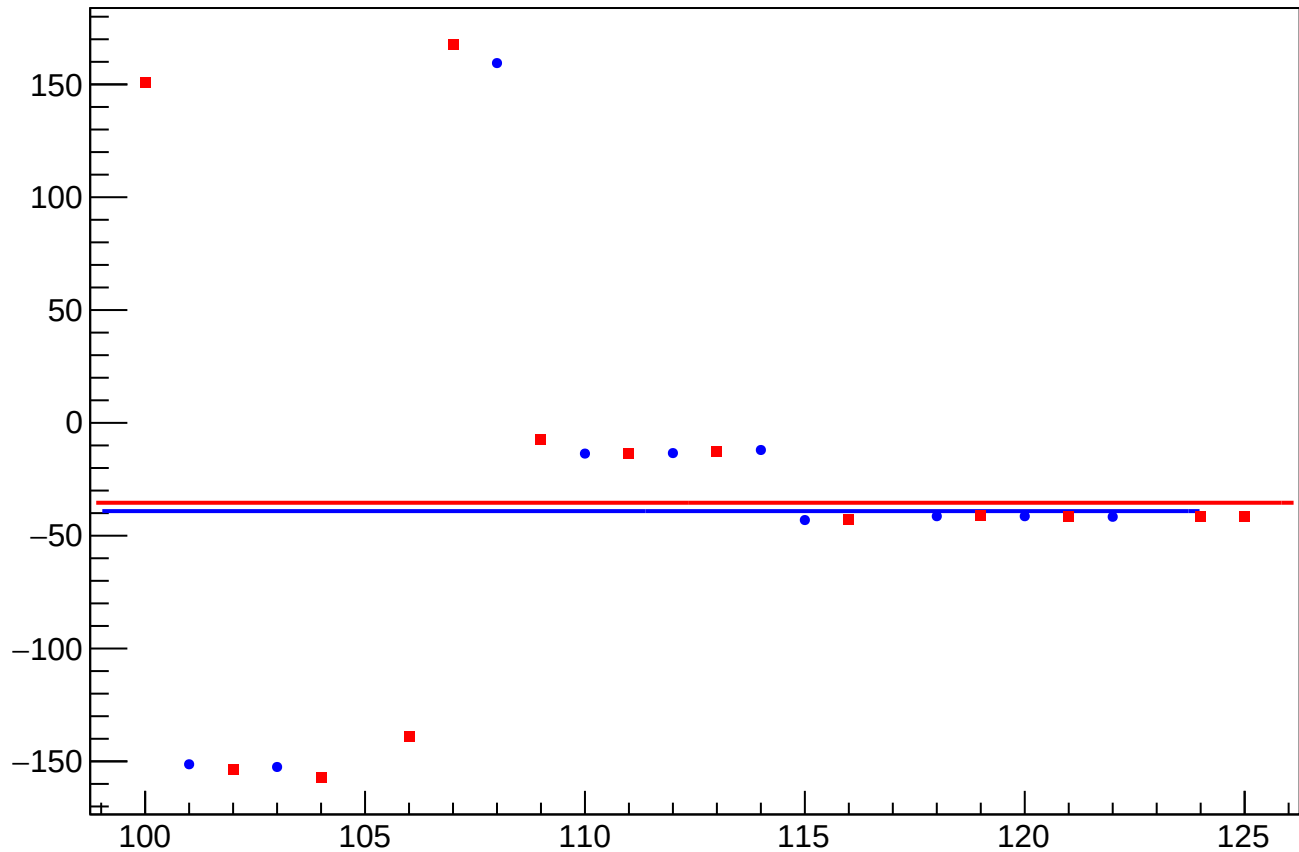
Right: 0.636+/-0.000 χ^2/NDF : 3583931.4/22

In: 0.638+/-0.000 χ^2/NDF : 1286409.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.636+/-0.000 χ^2/NDF : 3583931.4/22

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: -35.400+/-0.000 χ^2/NDF : 2303397294.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

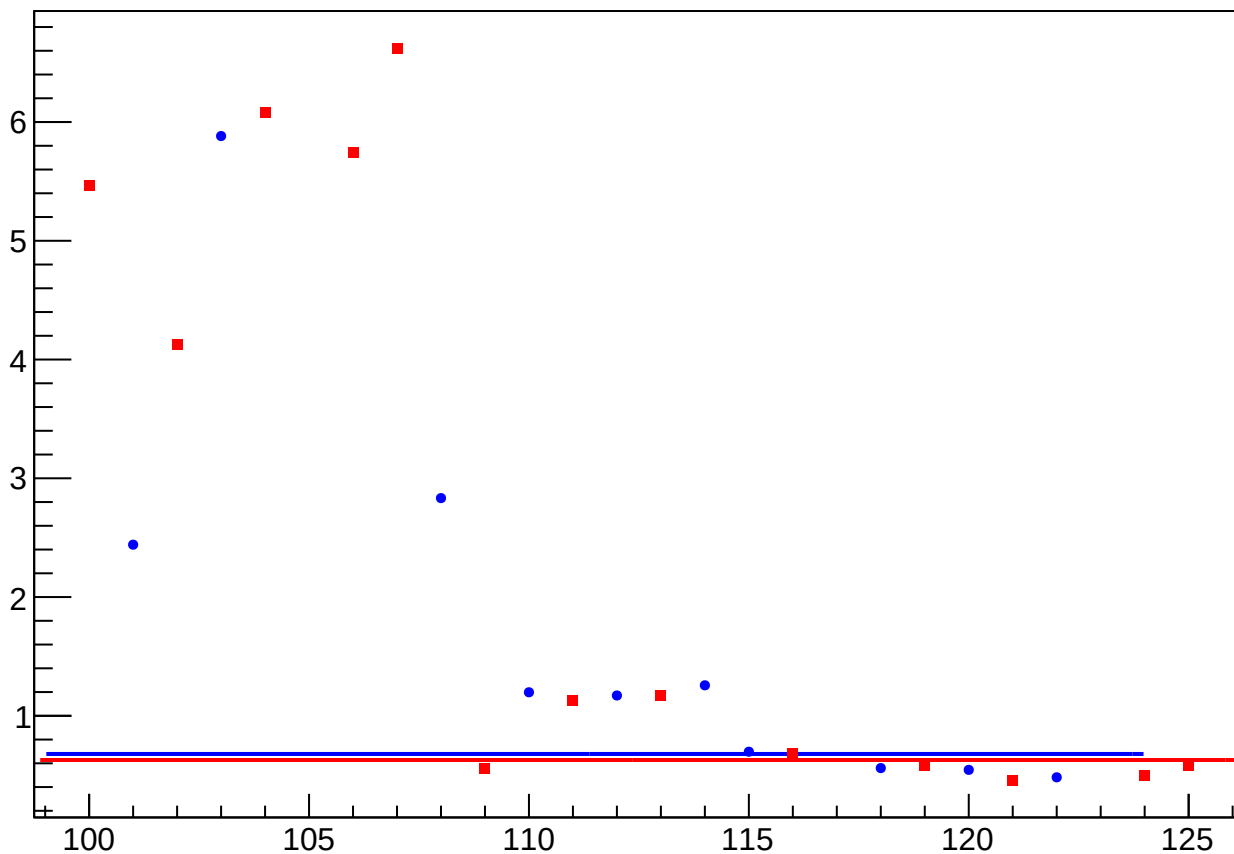
Right: -36.970+/-0.000 χ^2/NDF : 5767346949.0/22

In: -39.104+/-0.000 χ^2/NDF :3420432991.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -36.970+/-0.000 χ^2/NDF : 5767346949.0/22

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: 0.628+/-0.000 χ^2/NDF : 2897806.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

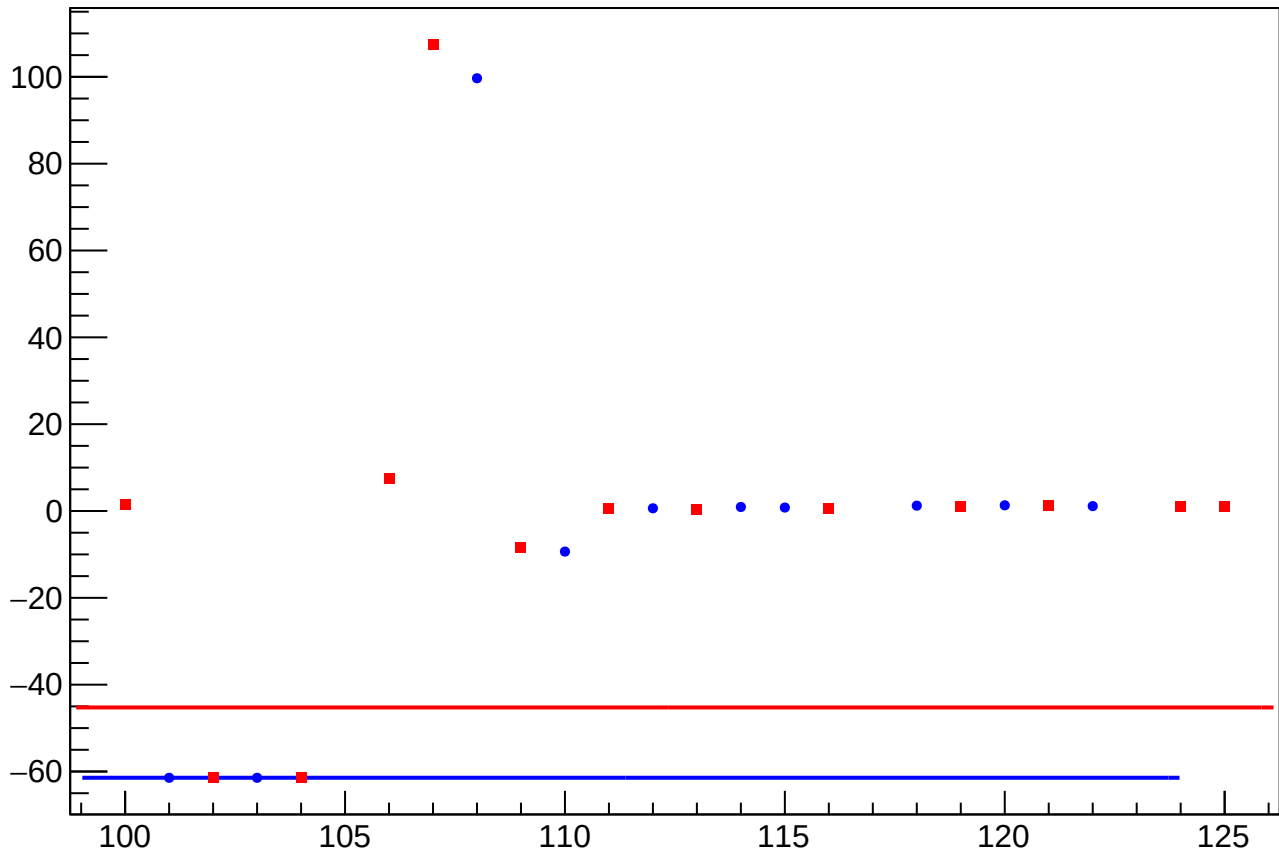
Right: 0.649+/-0.000 χ^2/NDF : 5344236.0/22

In: 0.679+/-0.000 χ^2/NDF :2430111.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

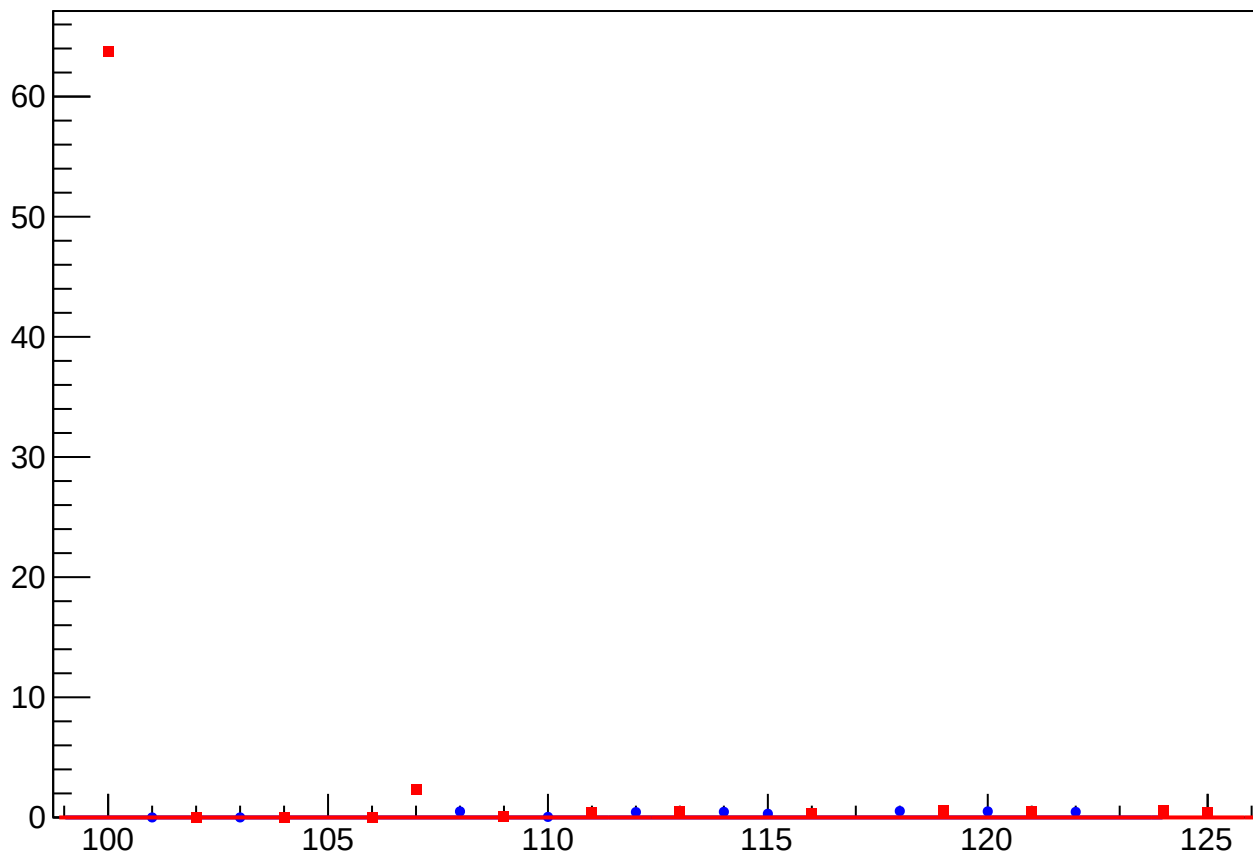
All: 0.649+/-0.000 χ^2/NDF : 5344236.0/22

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 : 357852145791659.5/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -52.751+/-0.000 χ^2/NDF : 409057652299356

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 : 5410709.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

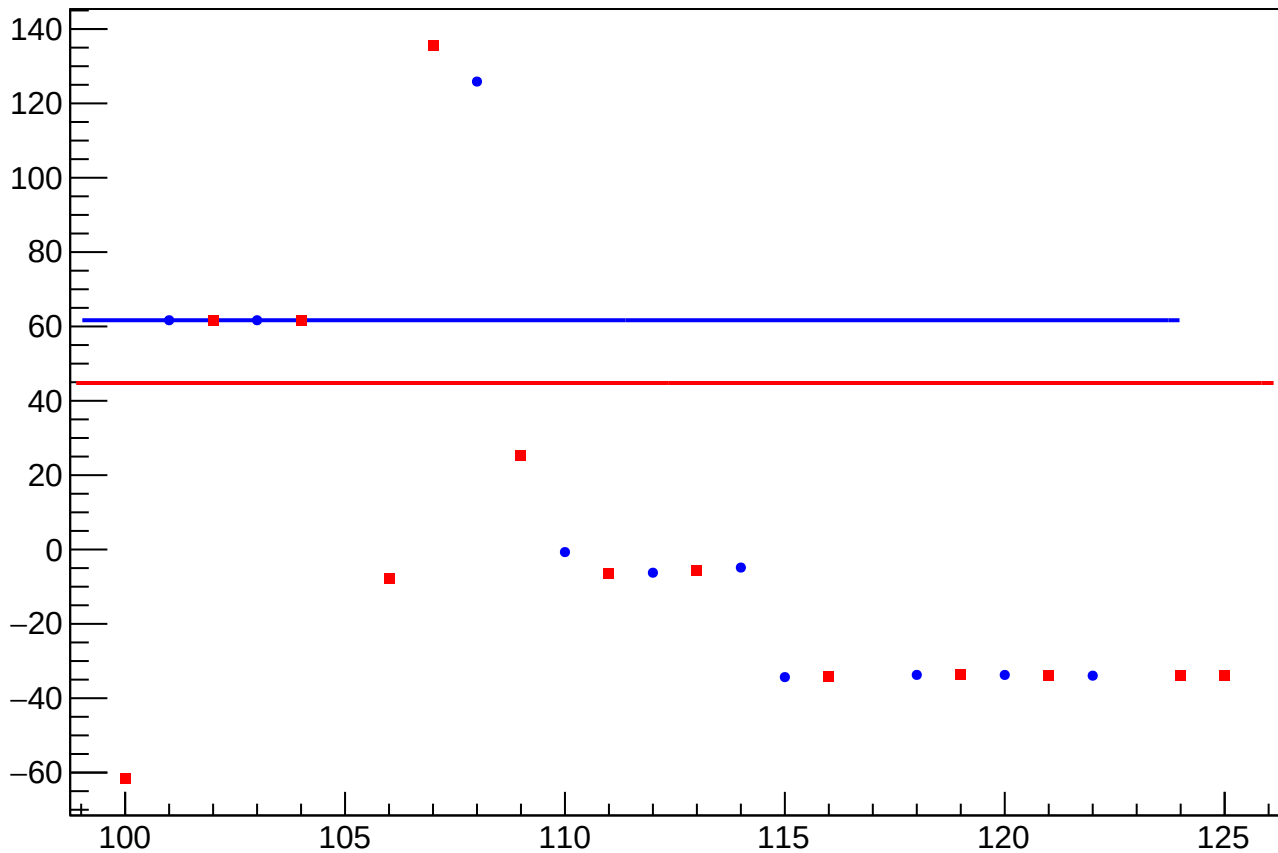
Right: 0.001+/-0.000 χ^2/NDF : 9669721.1/22

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 : 9669721.1/22

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: 44.790+/-0.000 χ^2/NDF : 365954243609952.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

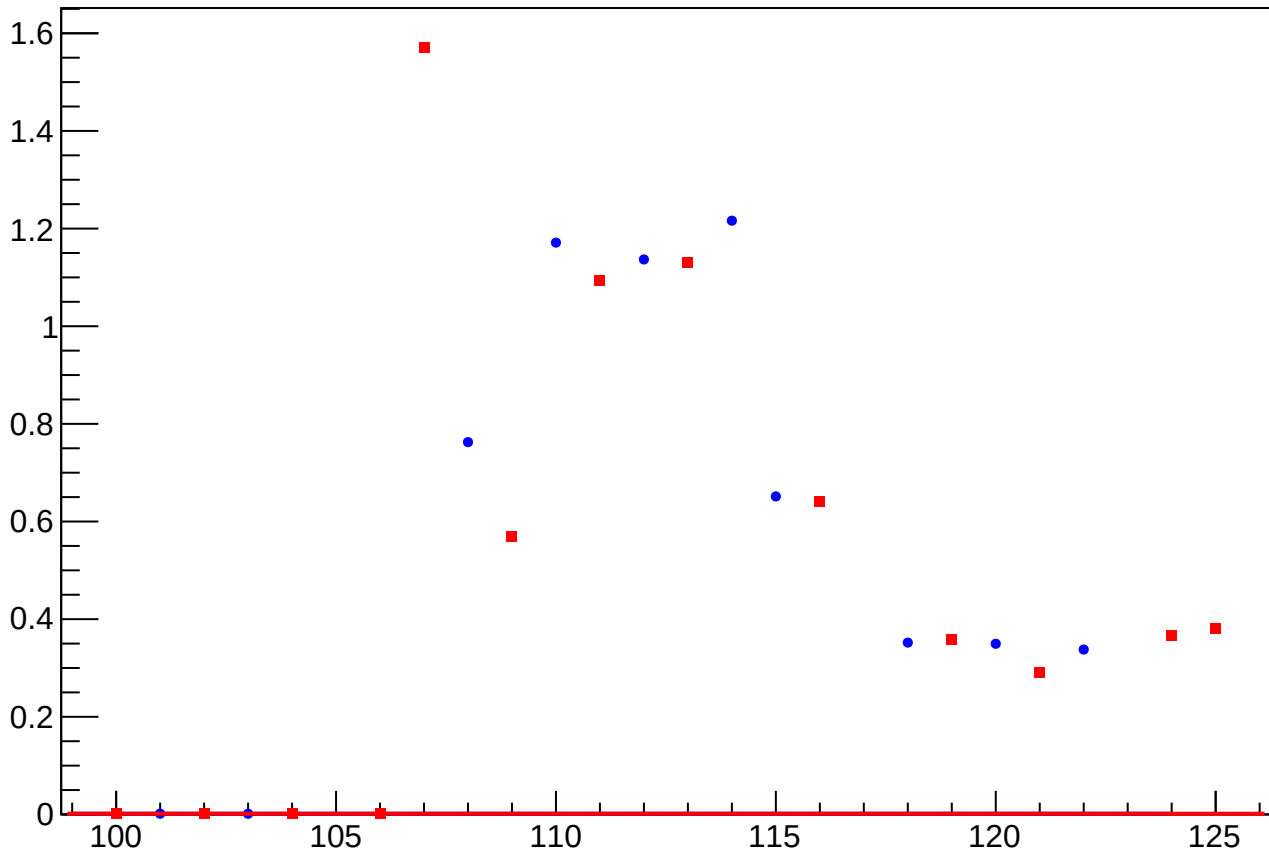
Right: 52.695+/-0.000 χ^2/NDF : 417179414141434.4

In: 61.670+/-0.000 χ^2/NDF : 103232667233.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.695+/-0.000 χ^2/NDF : 417179414141434.4

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 : 6033028.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

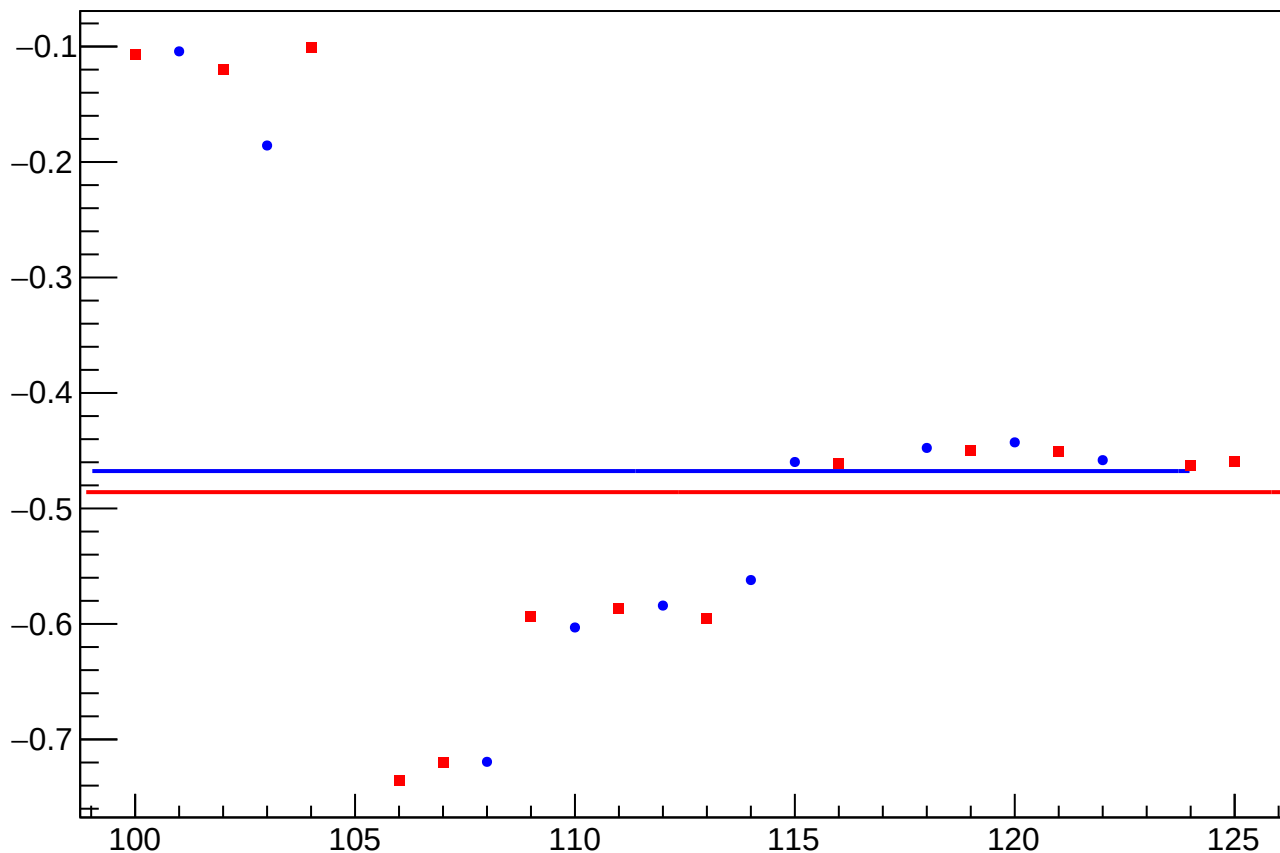
Right: 0.002+/-0.000 χ^2/NDF : 11264032.5/22

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 : 11264032.5/22

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: -0.486+/-0.000 χ^2/NDF : 100791691.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

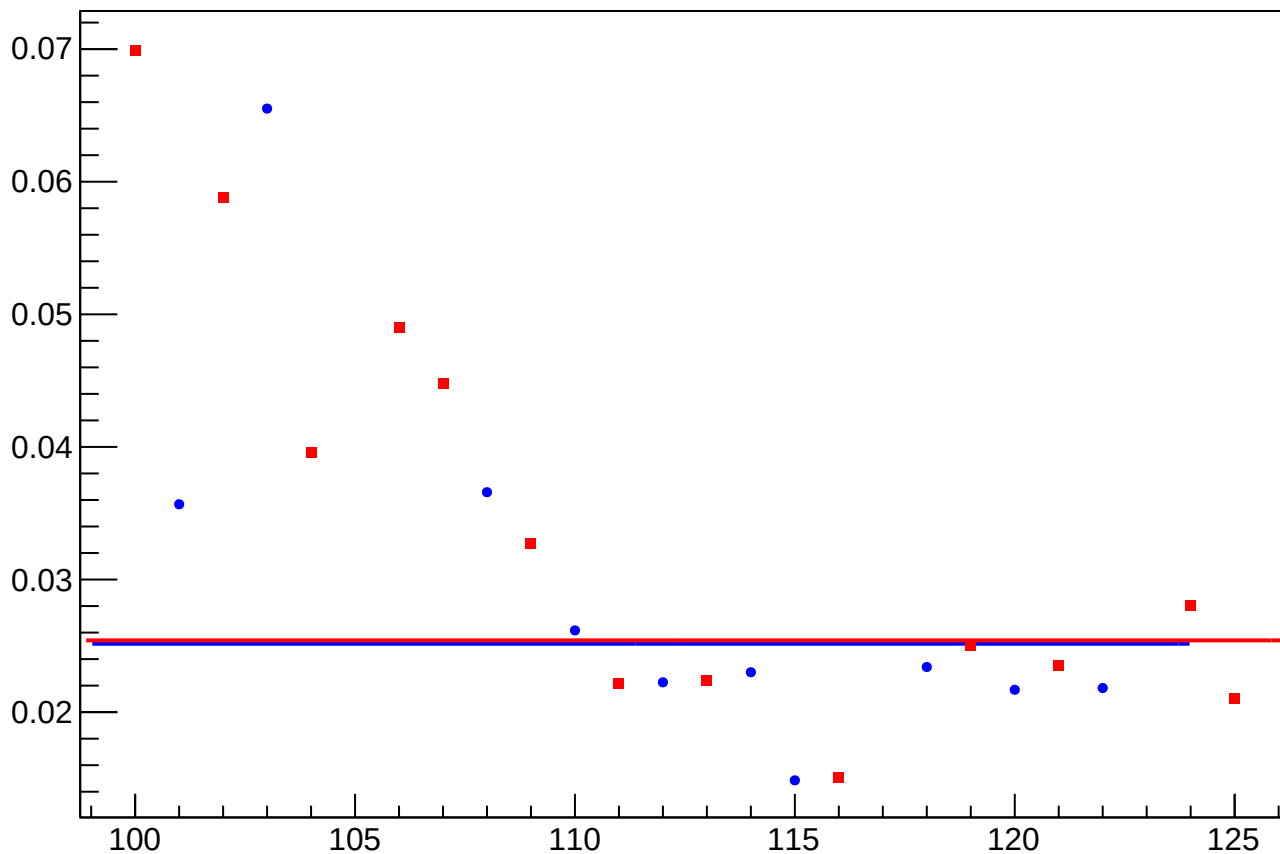
Right: -0.477+/-0.000 χ^2/NDF : 208056930.4/22

In: -0.468+/-0.000 χ^2/NDF :106383138.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.477+/-0.000 χ^2/NDF : 208056930.4/22

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: 0.025+/-0.000 χ^2/NDF : 1002998.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

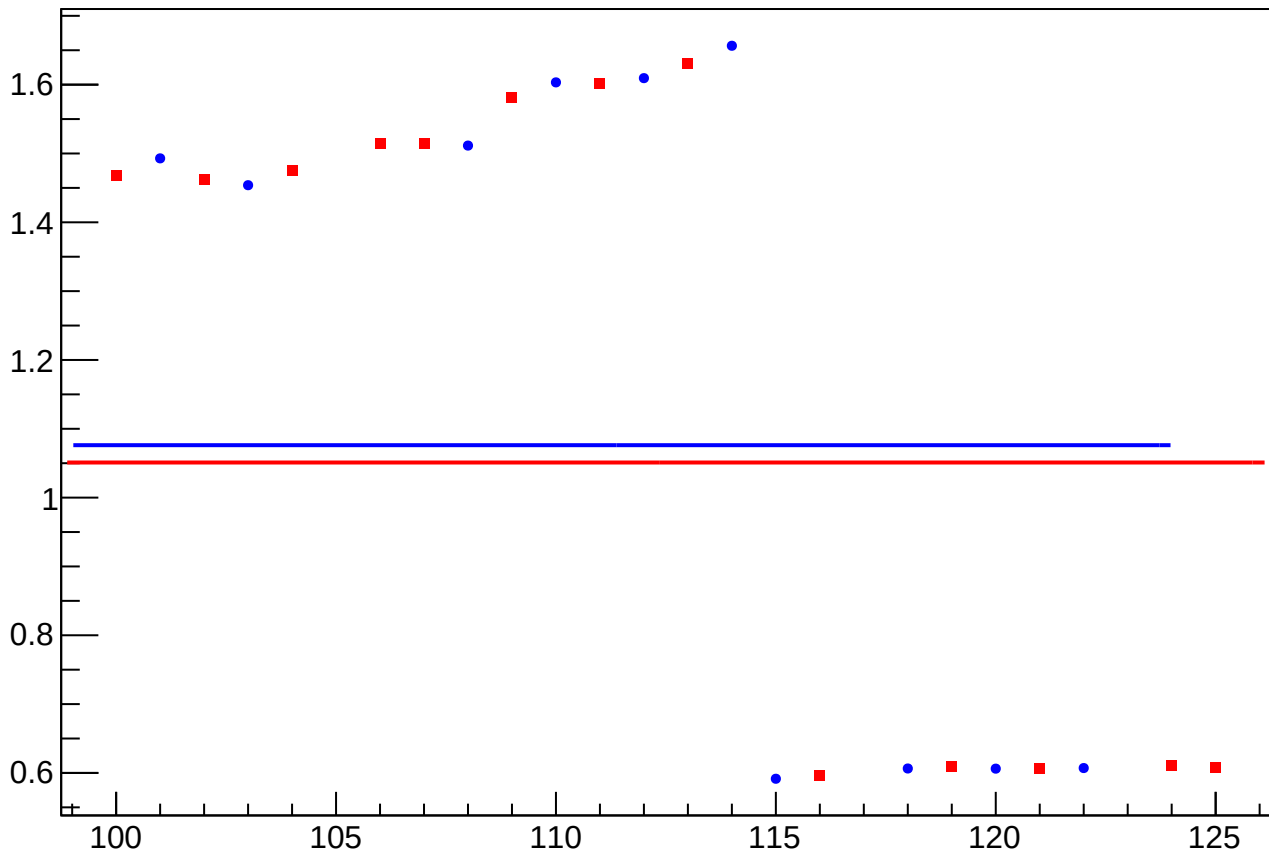
Right: 0.025+/-0.000 χ^2/NDF : 1744006.0/22

In: 0.025+/-0.000 χ^2/NDF : 740668.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.000 χ^2/NDF : 1744006.0/22

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 1.076+/-0.000 χ^2/NDF : 2350485852.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.051+/-0.000 χ^2/NDF : 3028242264.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

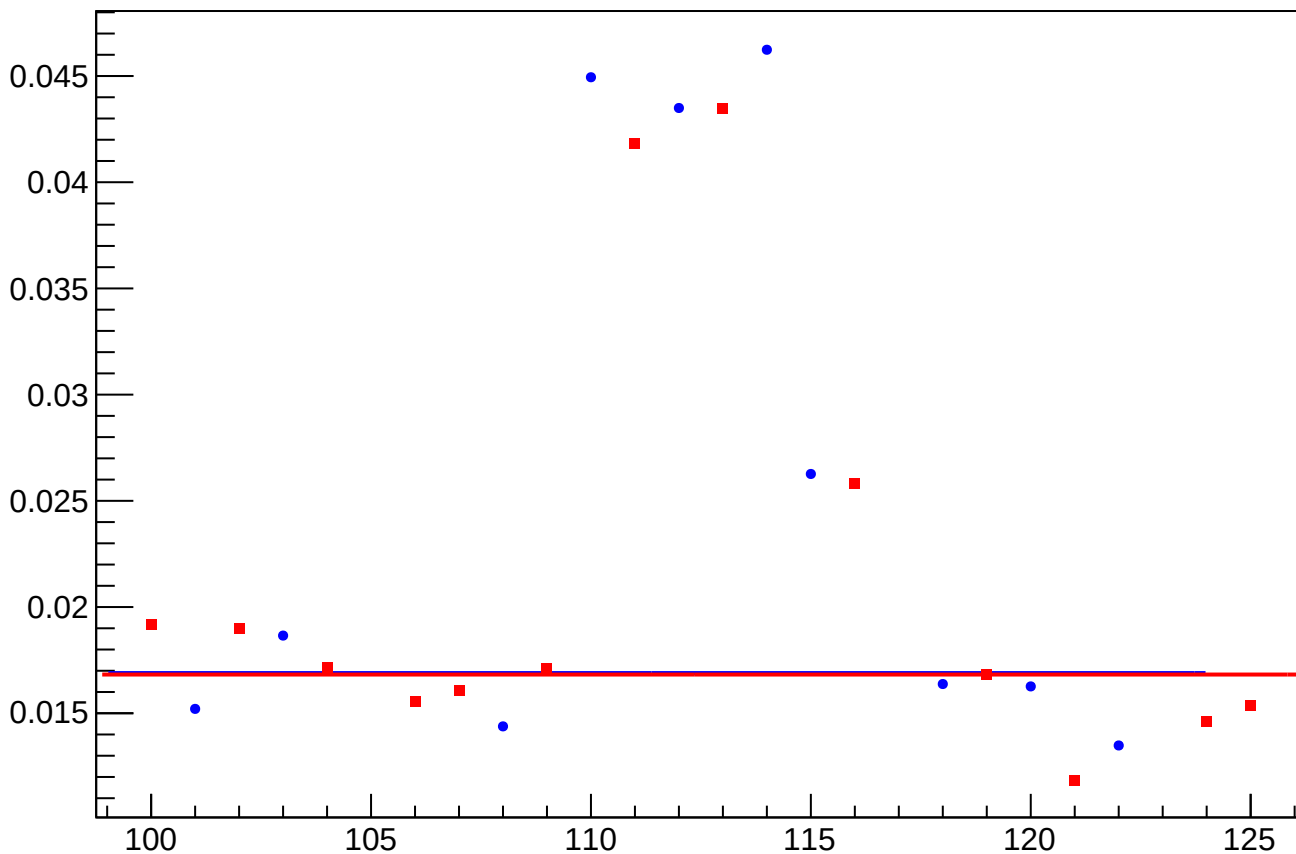
Right: 1.062+/-0.000 χ^2/NDF : 5382891773.1/22

In: 1.076+/-0.000 χ^2/NDF : 2350485852.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.062+/-0.000 χ^2/NDF : 5382891773.1/22

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 : 883438.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

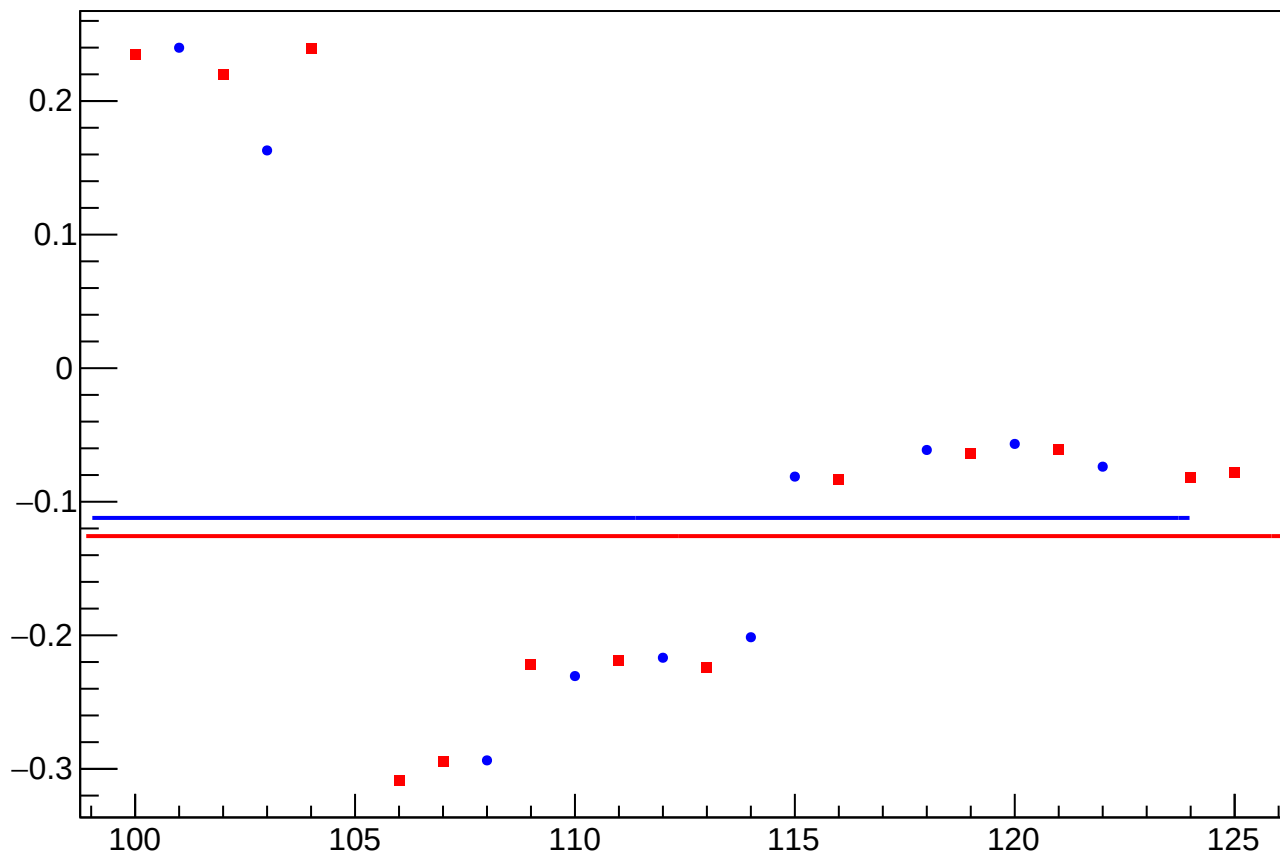
Right: 0.017+/-0.000 χ^2/NDF : 1710067.8/22

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 : 1710067.8/22

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: -0.126+/-0.000 χ^2/NDF : 104900296.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

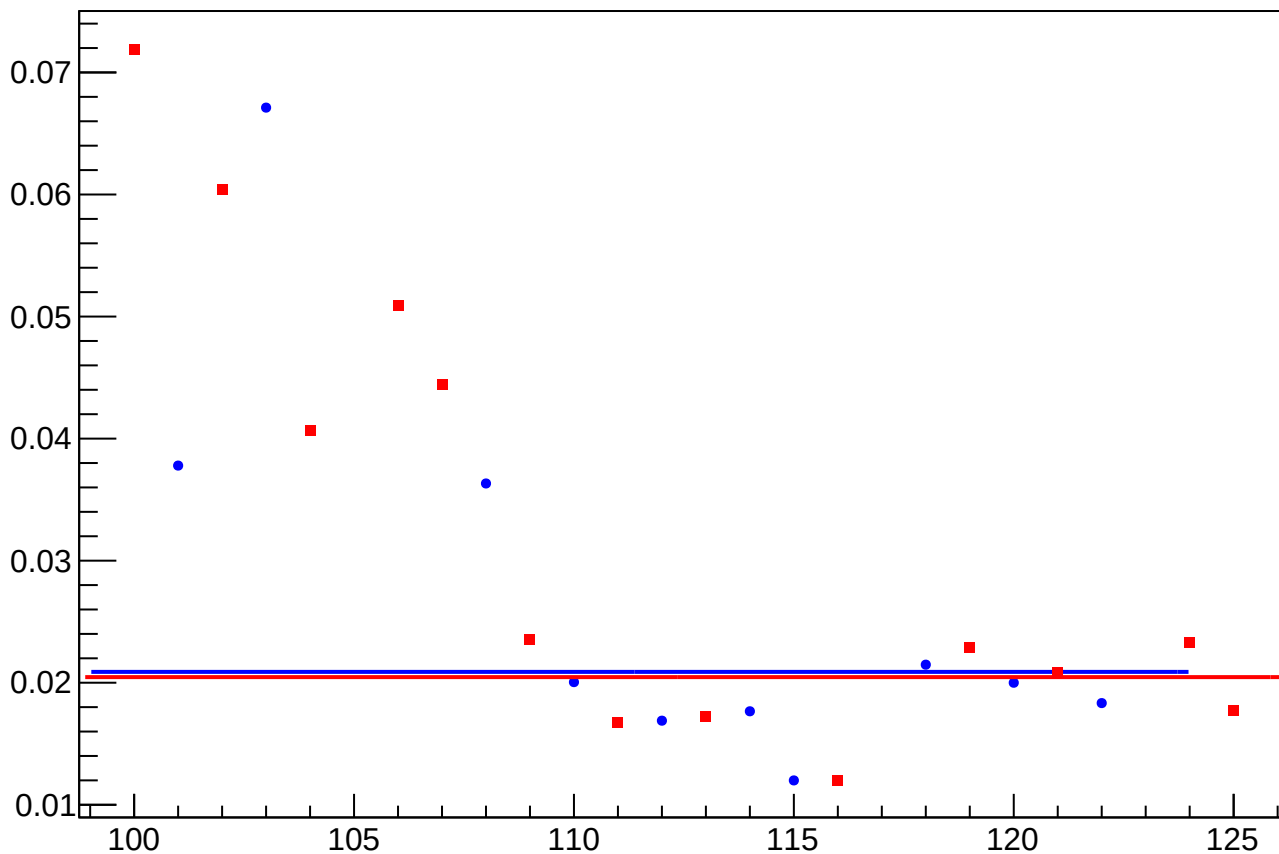
Right: -0.120+/-0.000 χ^2/NDF : 209242317.3/22

In: -0.112+/-0.000 χ^2/NDF :103644281.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.120+/-0.000 χ^2/NDF : 209242317.3/22

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: 0.020+/-0.000 χ^2/NDF : 1368681.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

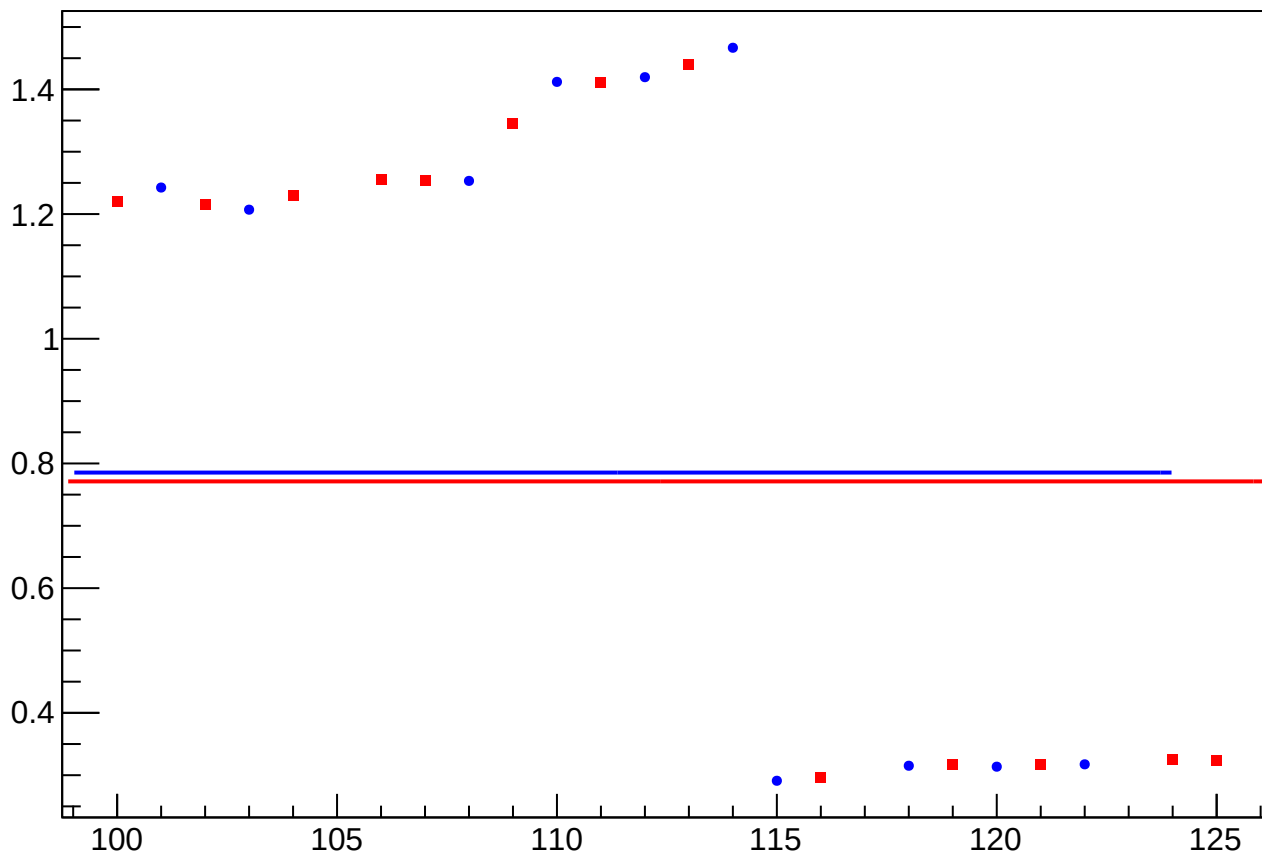
Right: 0.021+/-0.000 χ^2/NDF : 2435423.3/22

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 : 2435423.3/22

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: 0.778+/-0.000

χ^2/NDF : 8667822712.2/22

Right Out: 0.771+/-0.000

χ^2/NDF : 4672893405.7/12

In: 0.785+/-0.000

χ^2/NDF : 3992968866.8/9

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

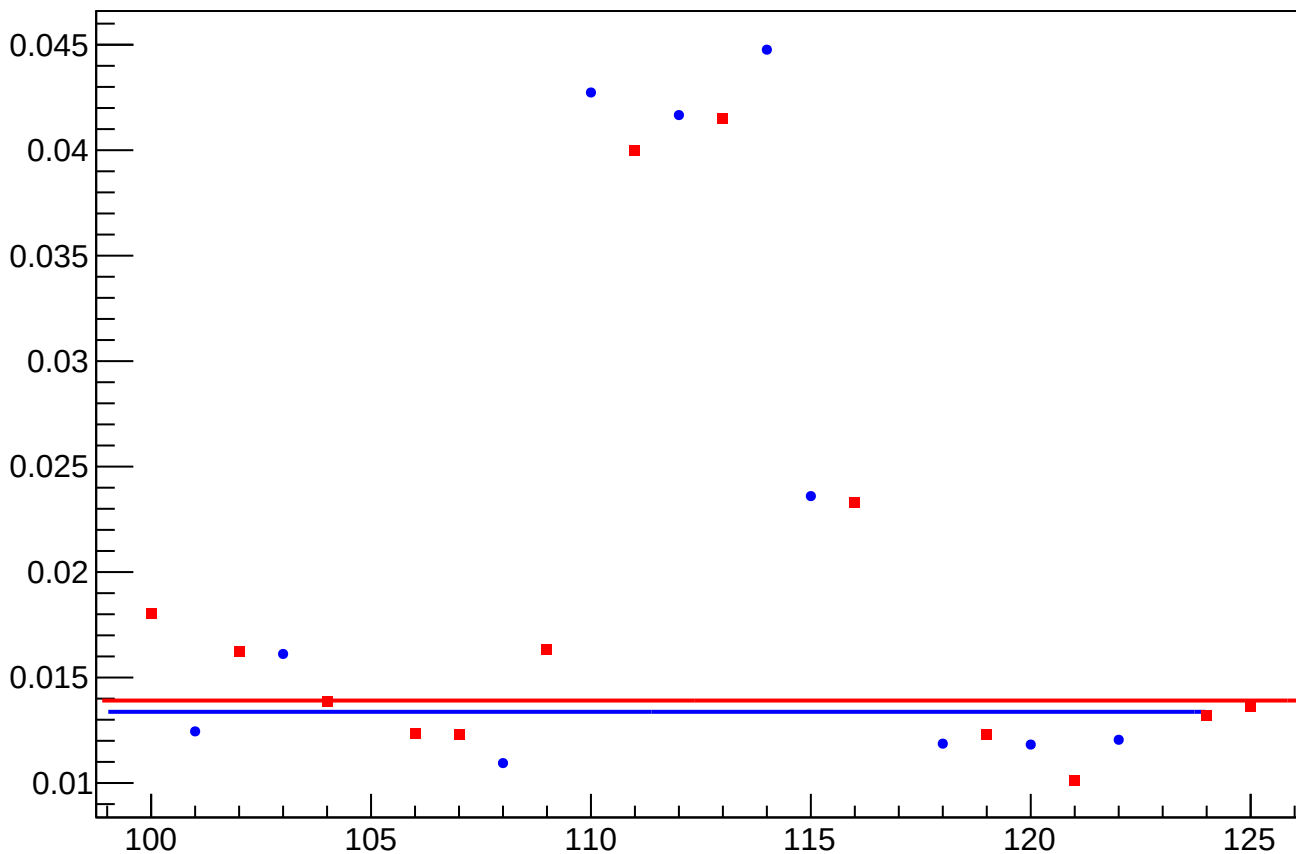
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.778+/-0.000

χ^2/NDF : 8667822712.2/22

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 : 1030914.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

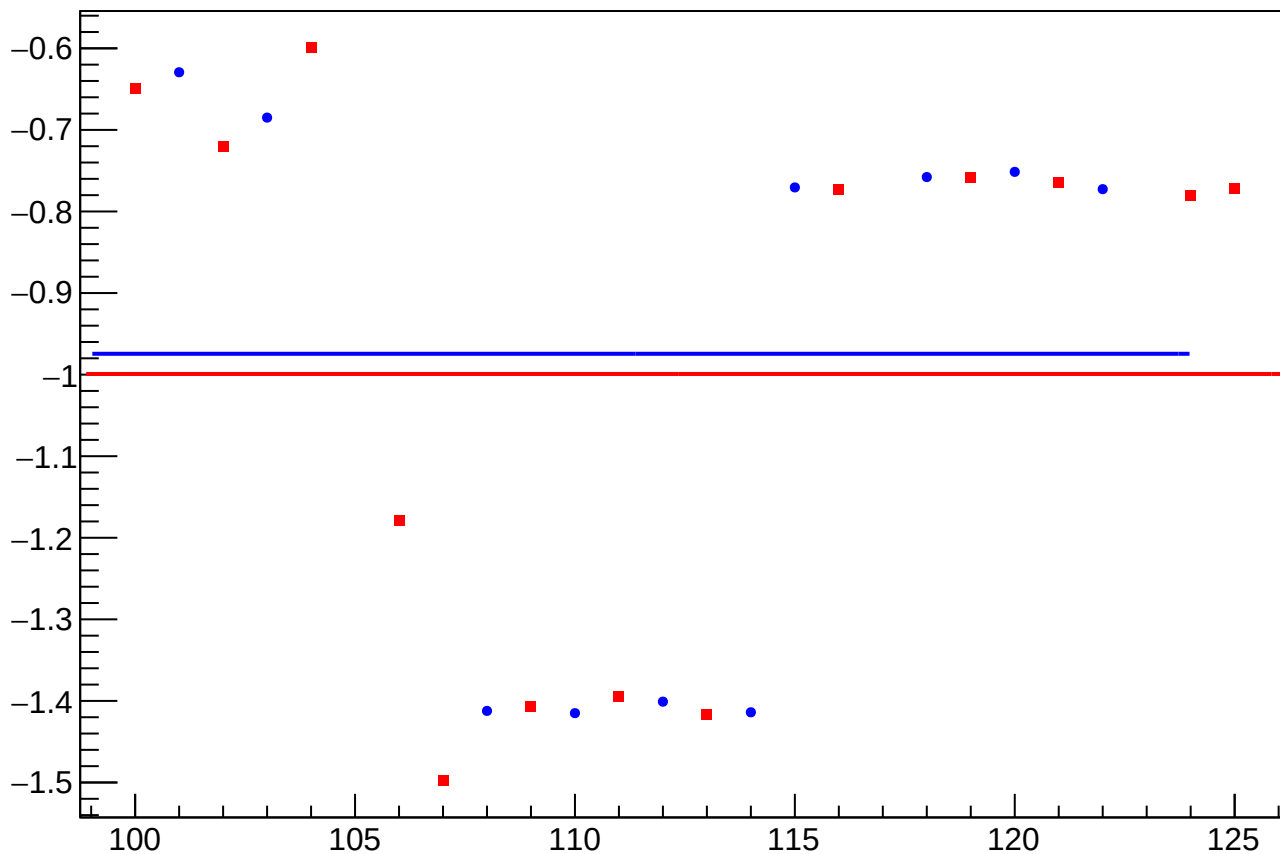
Right: 0.014+/-0.000 χ^2/NDF : 2040255.3/22

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 : 2040255.3/22

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: -0.999+/-0.000 χ^2/NDF : 609728023.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

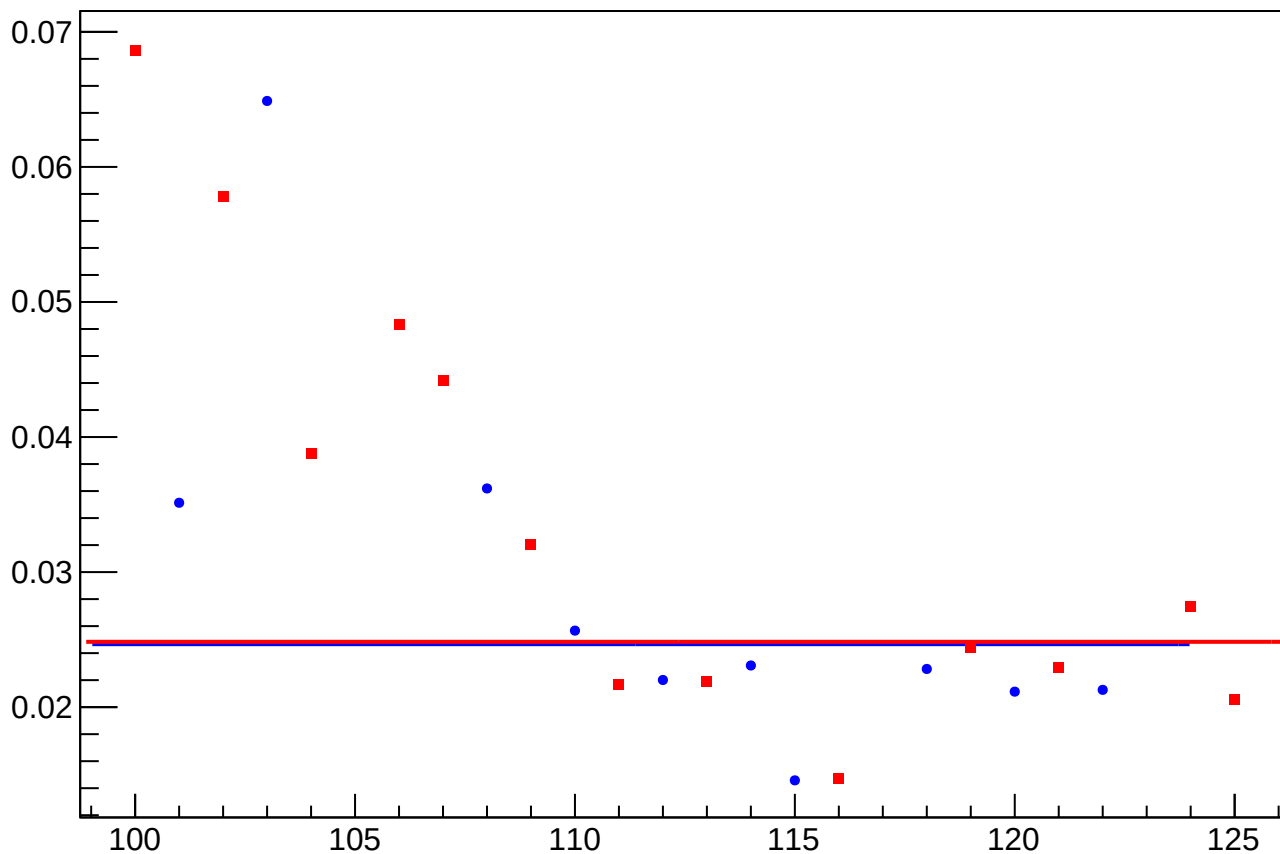
Right: -0.988+/-0.000 χ^2/NDF : 1133244696.5/22

In: -0.974+/-0.000 χ^2/NDF :521826432.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.988+/-0.000 χ^2/NDF : 1133244696.5/22

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 : 1011171.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

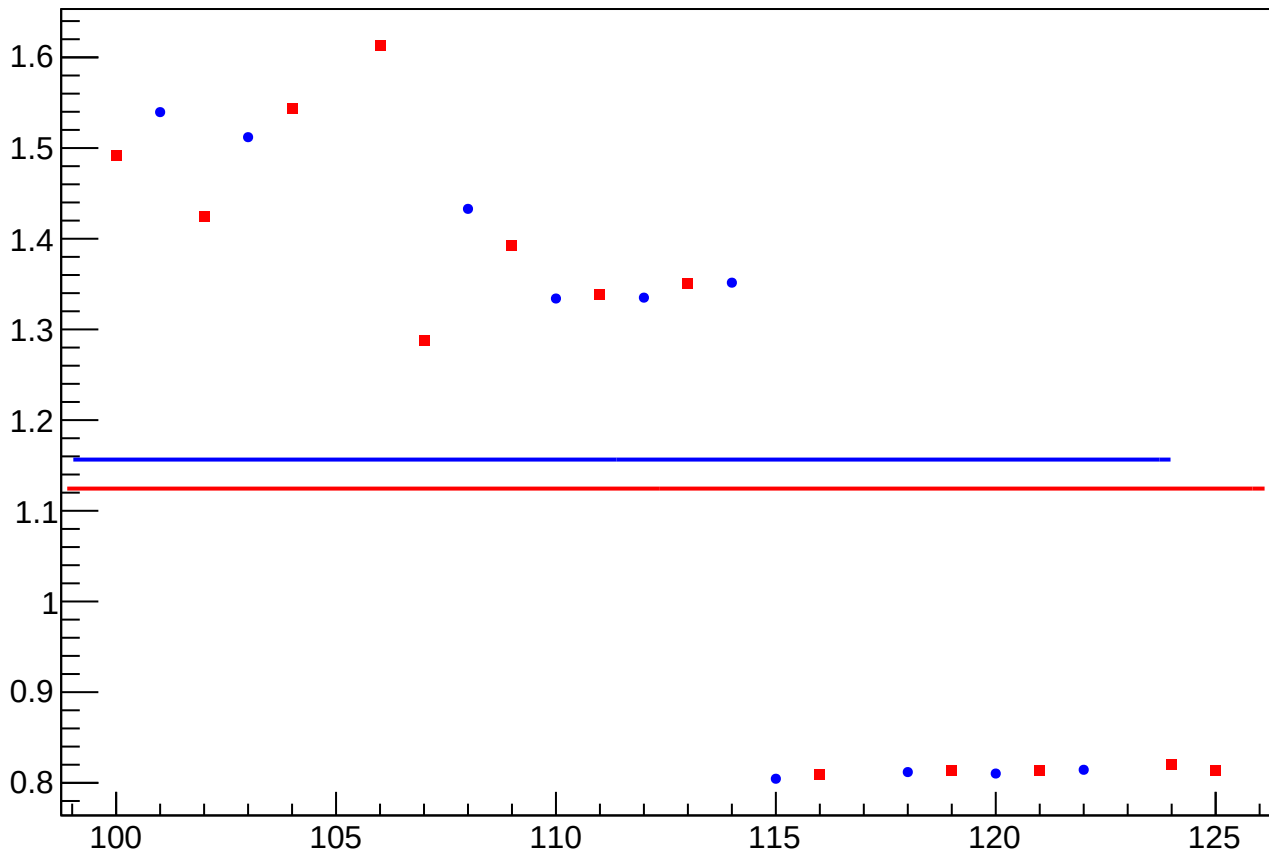
Right: 0.025+/-0.000 χ^2/NDF : 1759826.6/22

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 : 1759826.6/22

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: 1.124+/-0.000 χ^2/NDF : 1575287711.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

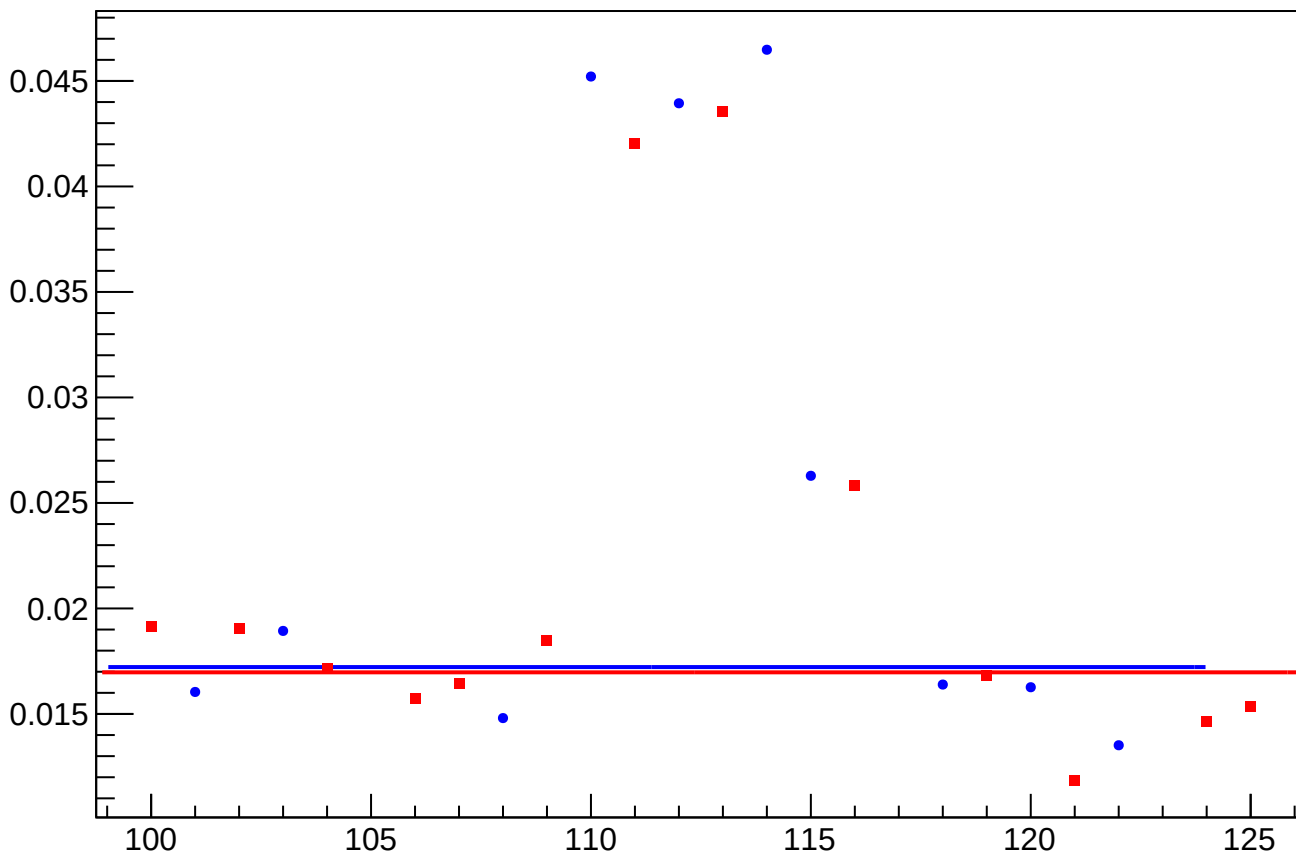
Right: 1.139+/-0.000 χ^2/NDF : 2903625182.8/22

In: 1.156+/-0.000 χ^2/NDF :1321831522.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.139+/-0.000 χ^2/NDF : 2903625182.8/22

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 : 889239.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

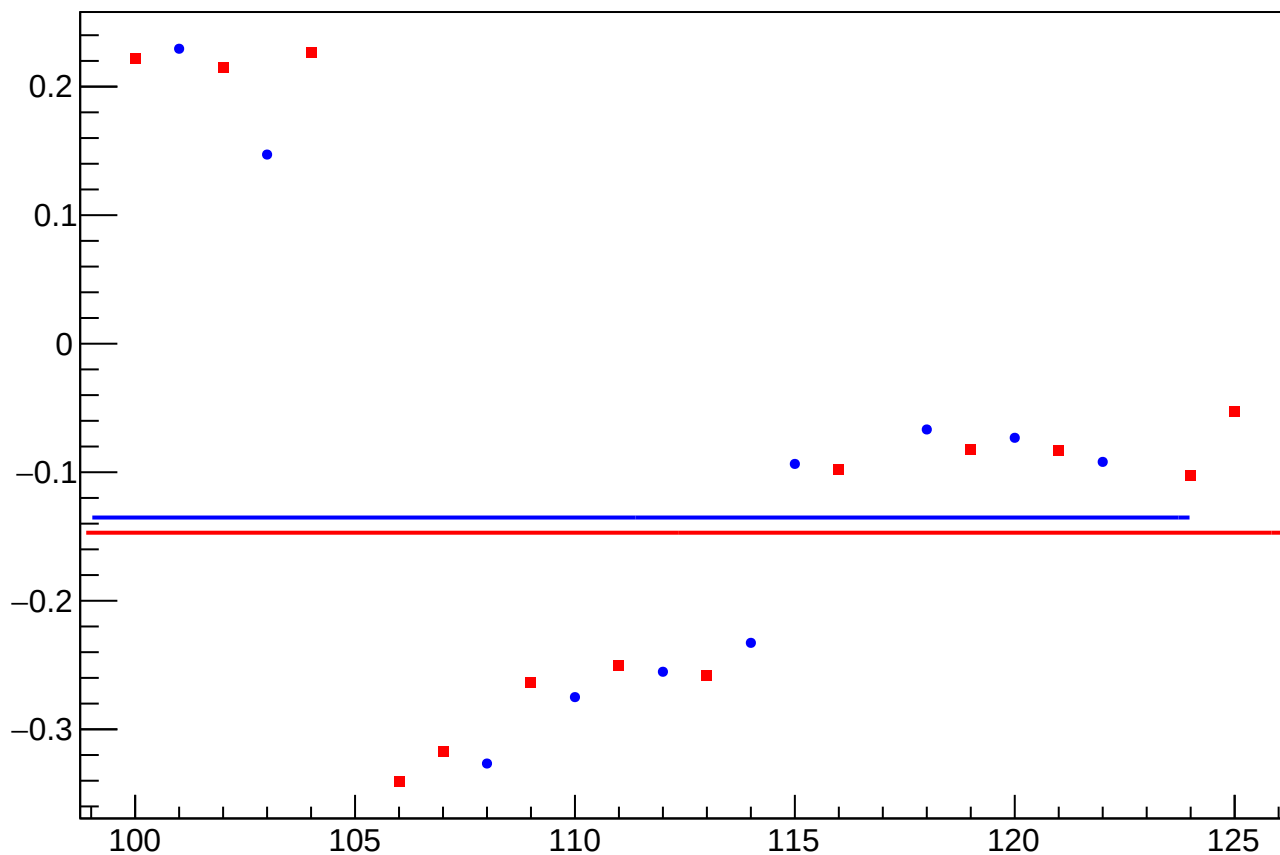
Right: 0.017+/-0.000 χ^2/NDF : 1704284.7/22

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 : 1704284.7/22

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: -0.147+/-0.000 χ^2/NDF : 121693728.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

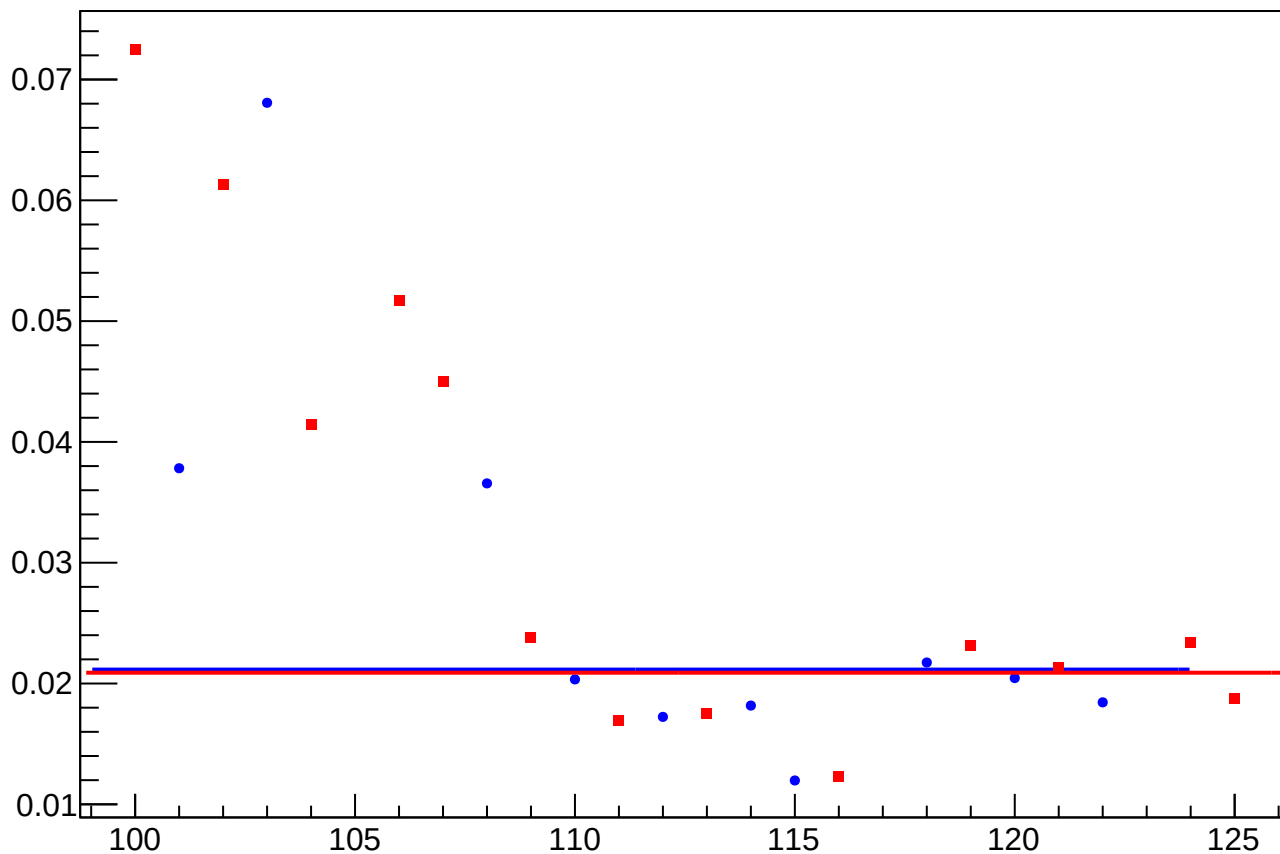
Right: -0.142+/-0.000 χ^2/NDF : 241597831.2/22

In: -0.135+/-0.000 χ^2/NDF :119393945.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.142+/-0.000 χ^2/NDF : 241597831.2/22

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 : 1353640.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

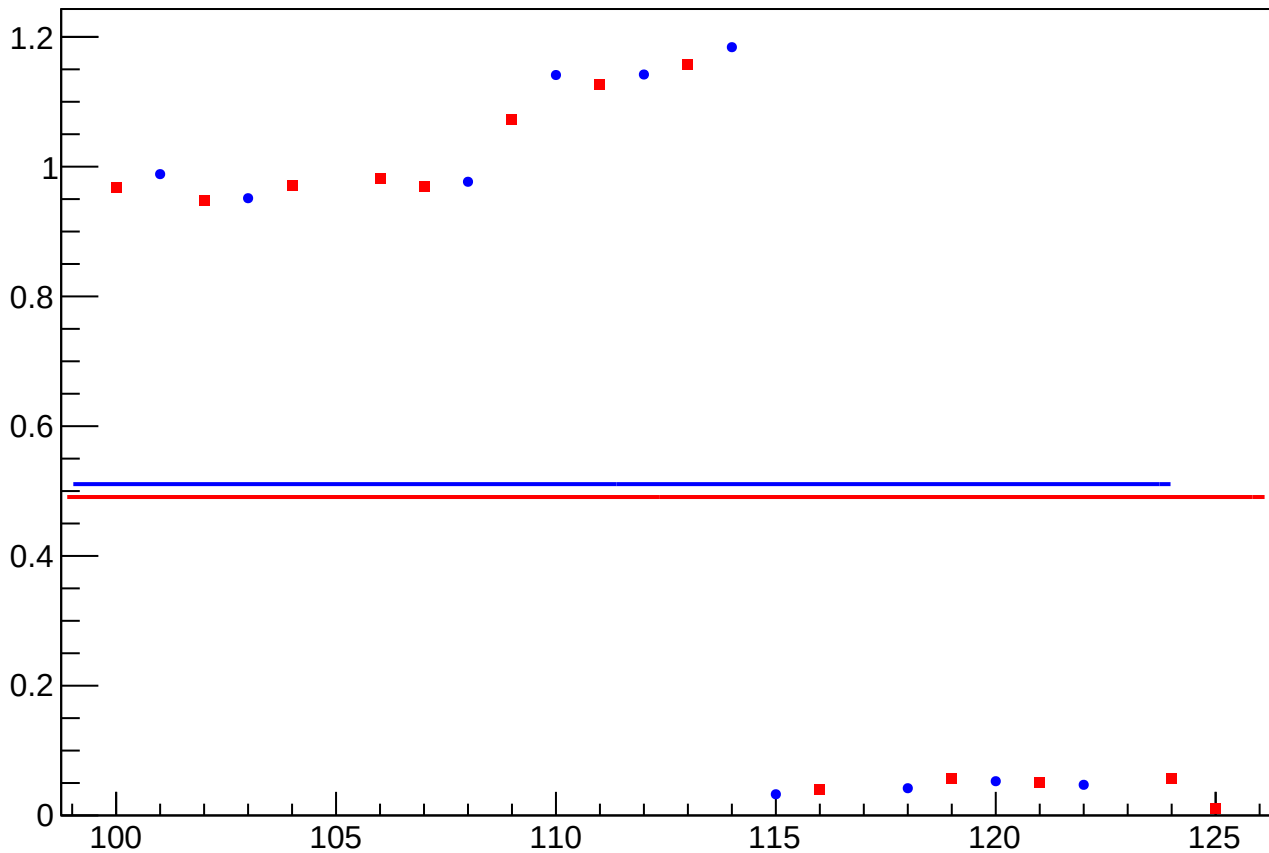
Right: 0.021+/-0.000 χ^2/NDF : 2410952.3/22

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 : 2410952.3/22

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.511+/-0.000 χ^2/NDF : 4105275125.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.491+/-0.000 χ^2/NDF : 4719522567.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

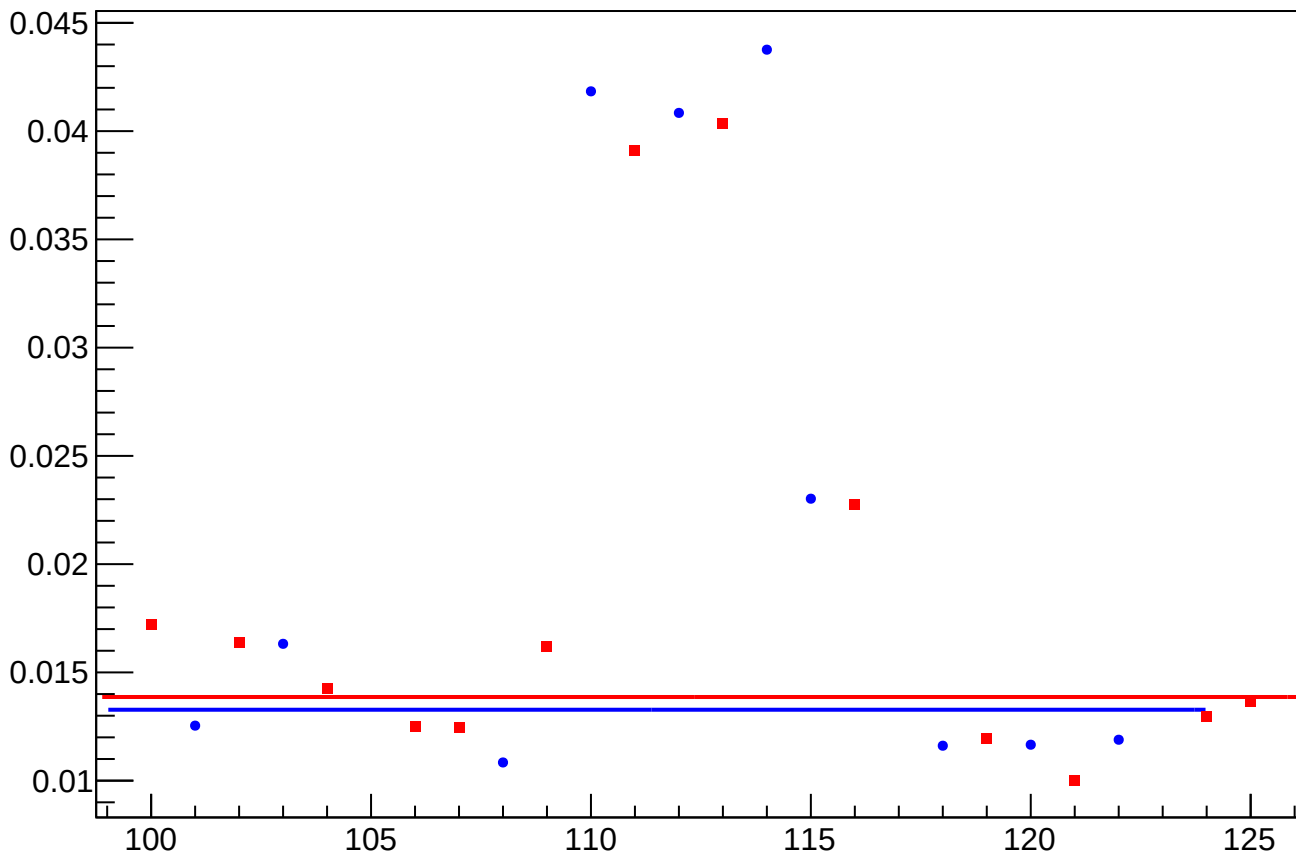
Right: 0.500+/-0.000 χ^2/NDF : 8828697261.5/22

In: 0.511+/-0.000 χ^2/NDF :4105275125.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.500+/-0.000 χ^2/NDF : 8828697261.5/22

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 : 1023815.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

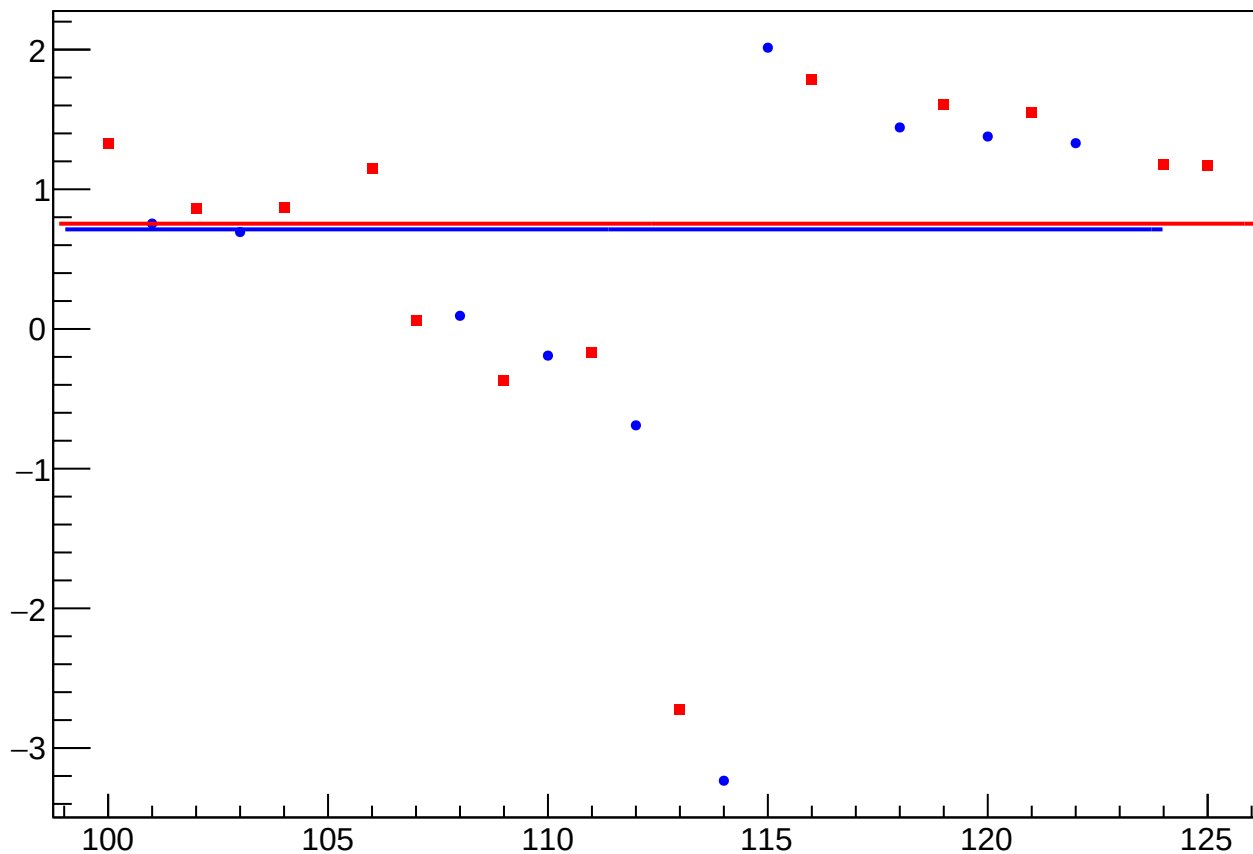
Right: 0.014+/-0.000 χ^2/NDF : 2034550.5/22

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 : 2034550.5/22

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: 0.754+/-0.000 χ^2/NDF : 1014505921.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

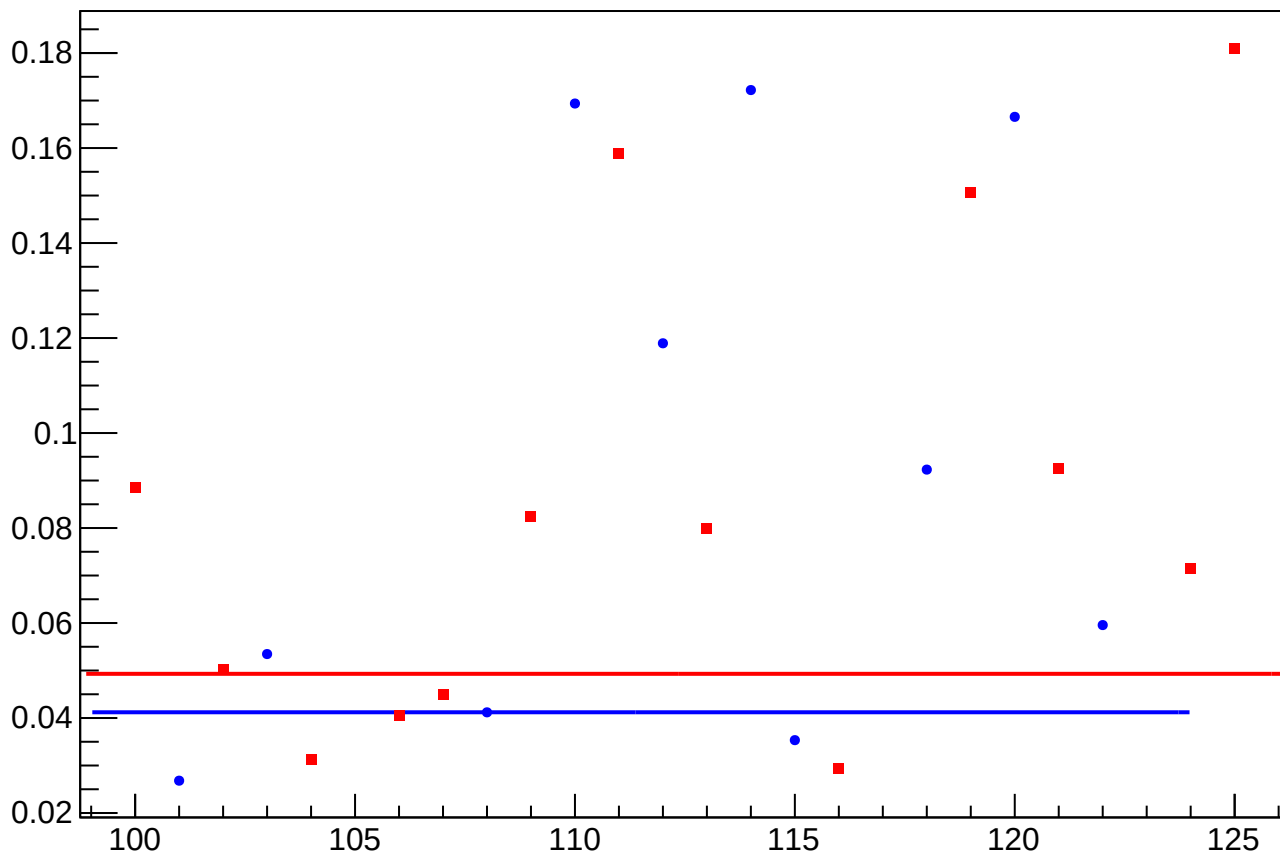
Right: 0.732+/-0.000 χ^2/NDF : 1372044811.7/22

In: 0.713+/-0.000 χ^2/NDF :356469579.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.732+/-0.000 χ^2/NDF : 1372044811.7/22

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: 0.049+/-0.000 χ^2/NDF : 1998351.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

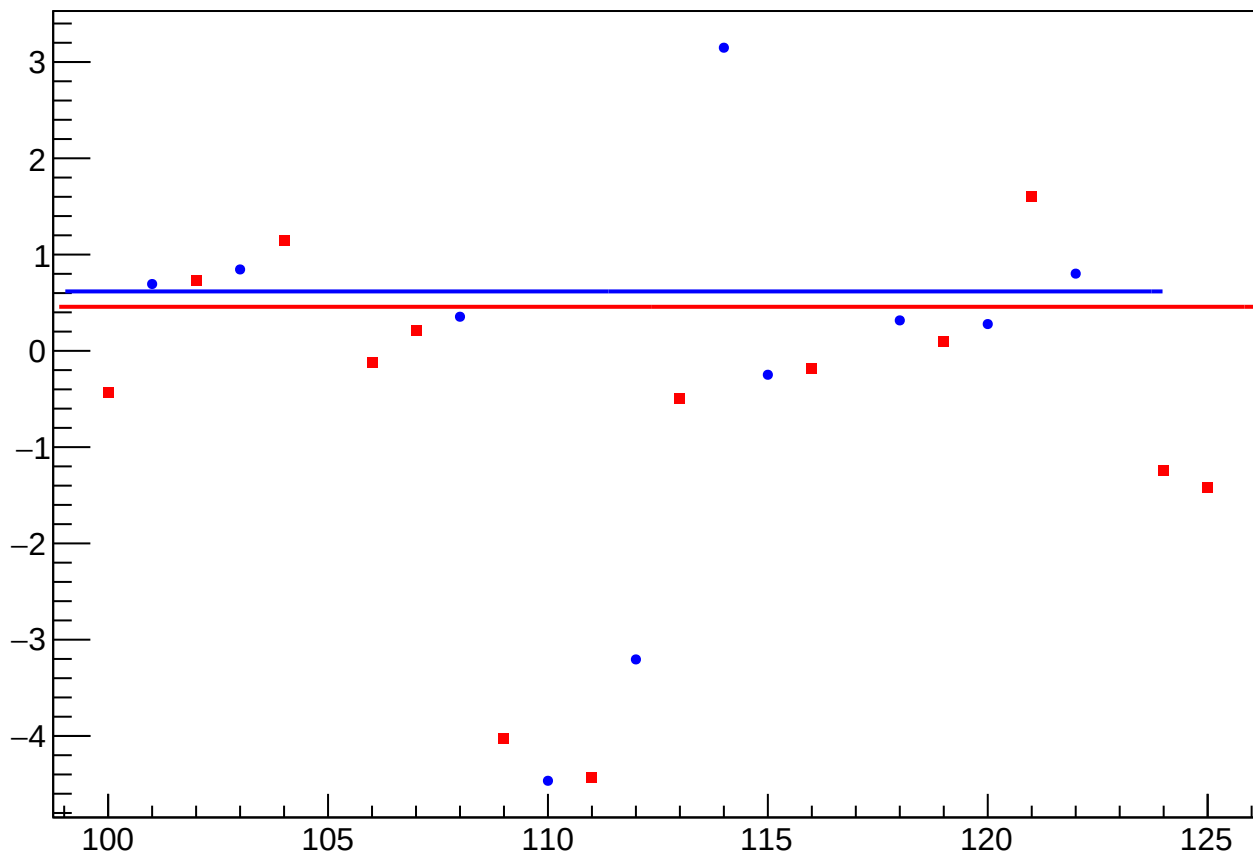
Right: 0.045+/-0.000 χ^2/NDF : 3966956.1/22

In: 0.041+/-0.000 χ^2/NDF : 1884167.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.045+/-0.000 χ^2/NDF : 3966956.1/22

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: 0.458+/-0.000 χ^2/NDF : 3946106415.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

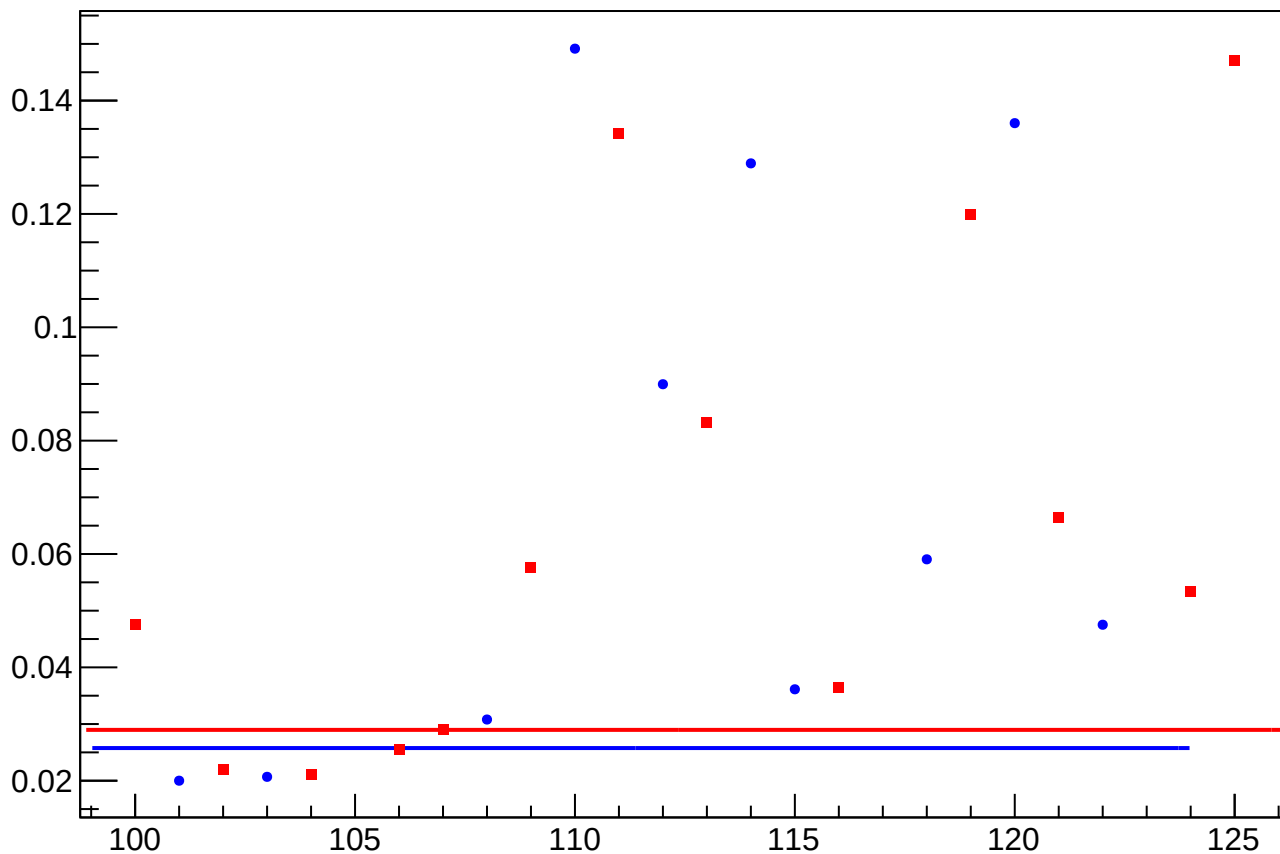
Right: 0.538+/-0.000 χ^2/NDF : 5337910409.3/22

In: 0.617+/-0.000 χ^2/NDF :1348729947.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.538+/-0.000 χ^2/NDF : 5337910409.3/22

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: 0.029+/-0.000 χ^2/NDF : 2528185.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

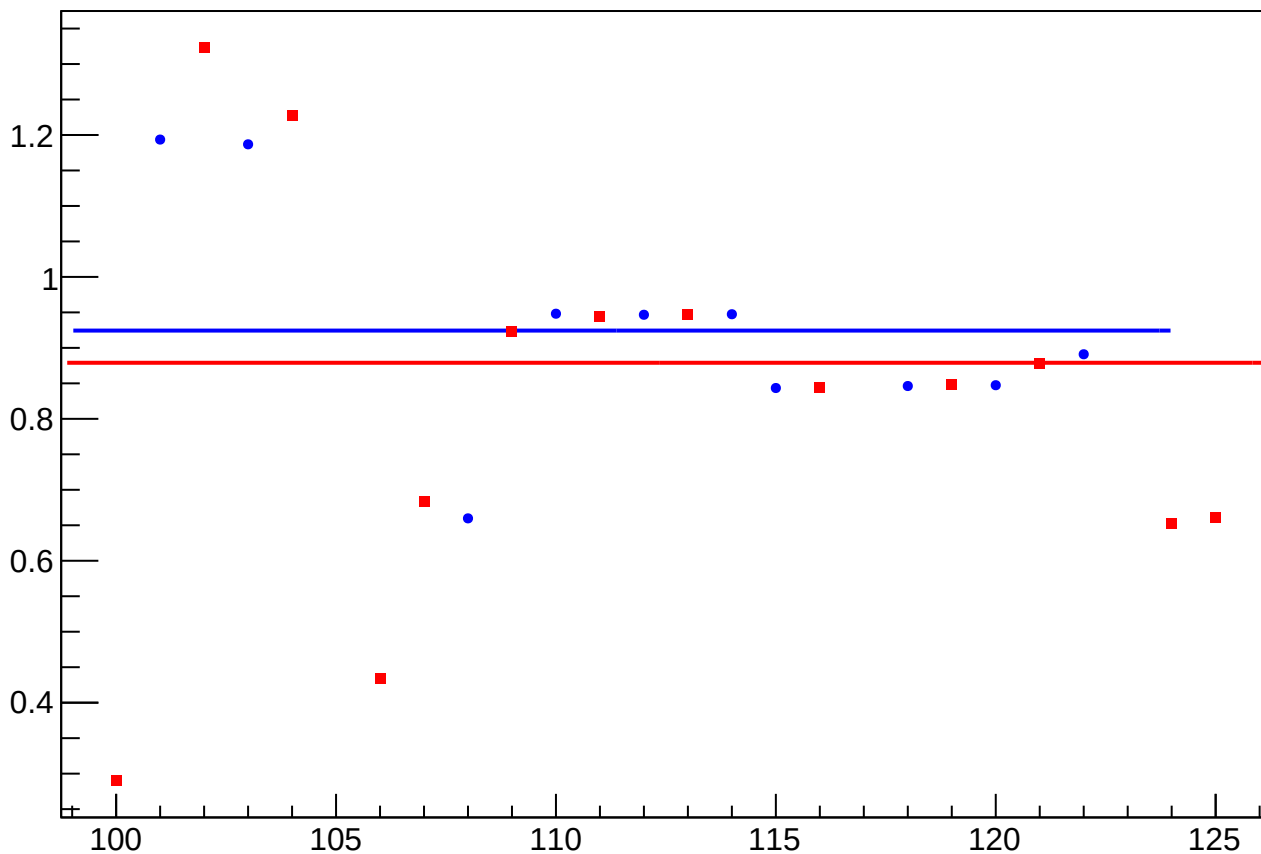
Right: 0.027+/-0.000 χ^2/NDF : 4488624.8/22

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 : 4488624.8/22

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: 0.879+/-0.000 χ^2/NDF : 594092873.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

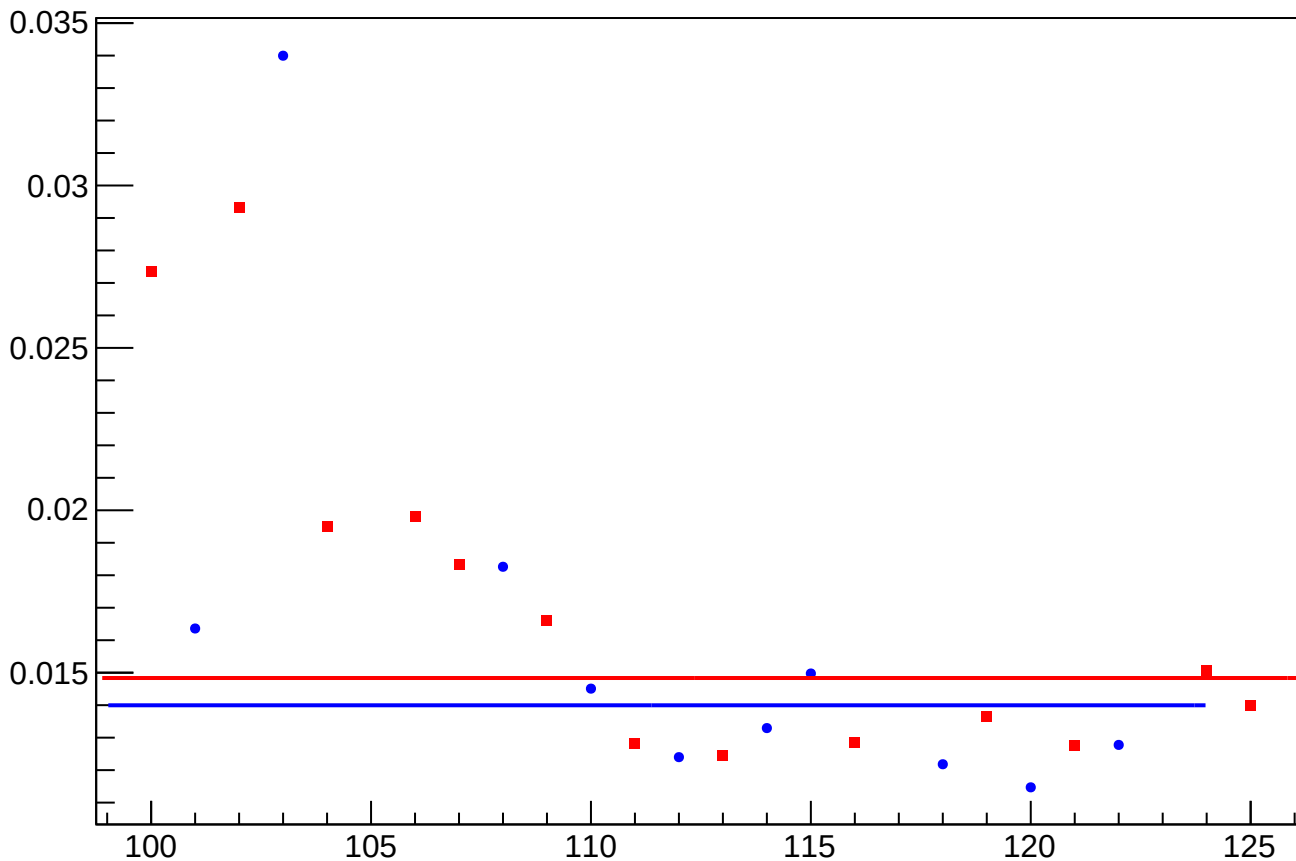
Right: 0.901+/-0.000 χ^2/NDF : 914305172.8/22

In: 0.924+/-0.000 χ^2/NDF :301560742.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.901+/-0.000 χ^2/NDF : 914305172.8/22

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 : 501994.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

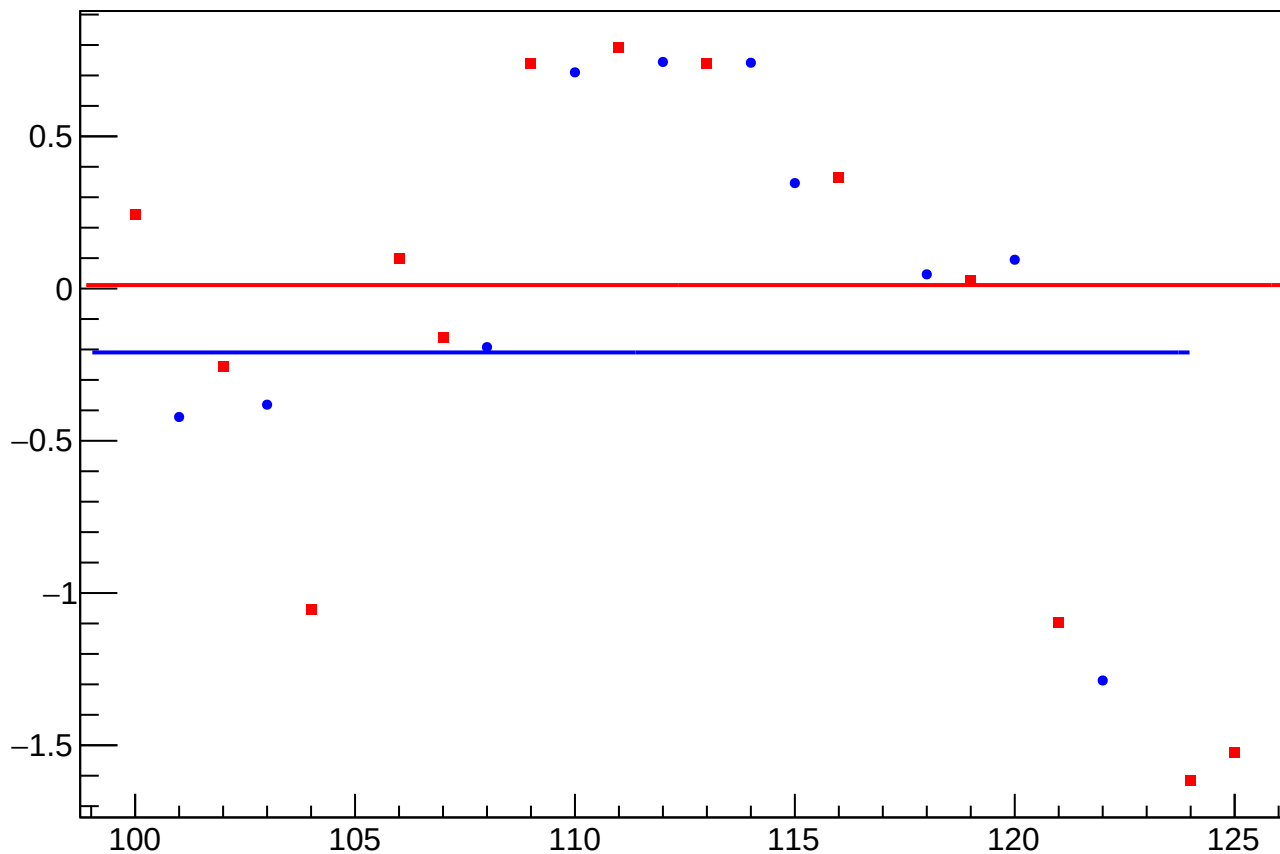
Right: 0.014+/-0.000 χ^2/NDF : 1042442.7/22

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 : 1042442.7/22

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.210+/-0.000

χ^2/NDF : 4113261731.3/9

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: -0.064+/-0.000 χ^2/NDF : 17714997533.3/22

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: -0.210+/-0.000 χ^2/NDF : 4113261731.3/9

Right Out: 0.012+/-0.000

χ^2/NDF : 13271899724.6/12

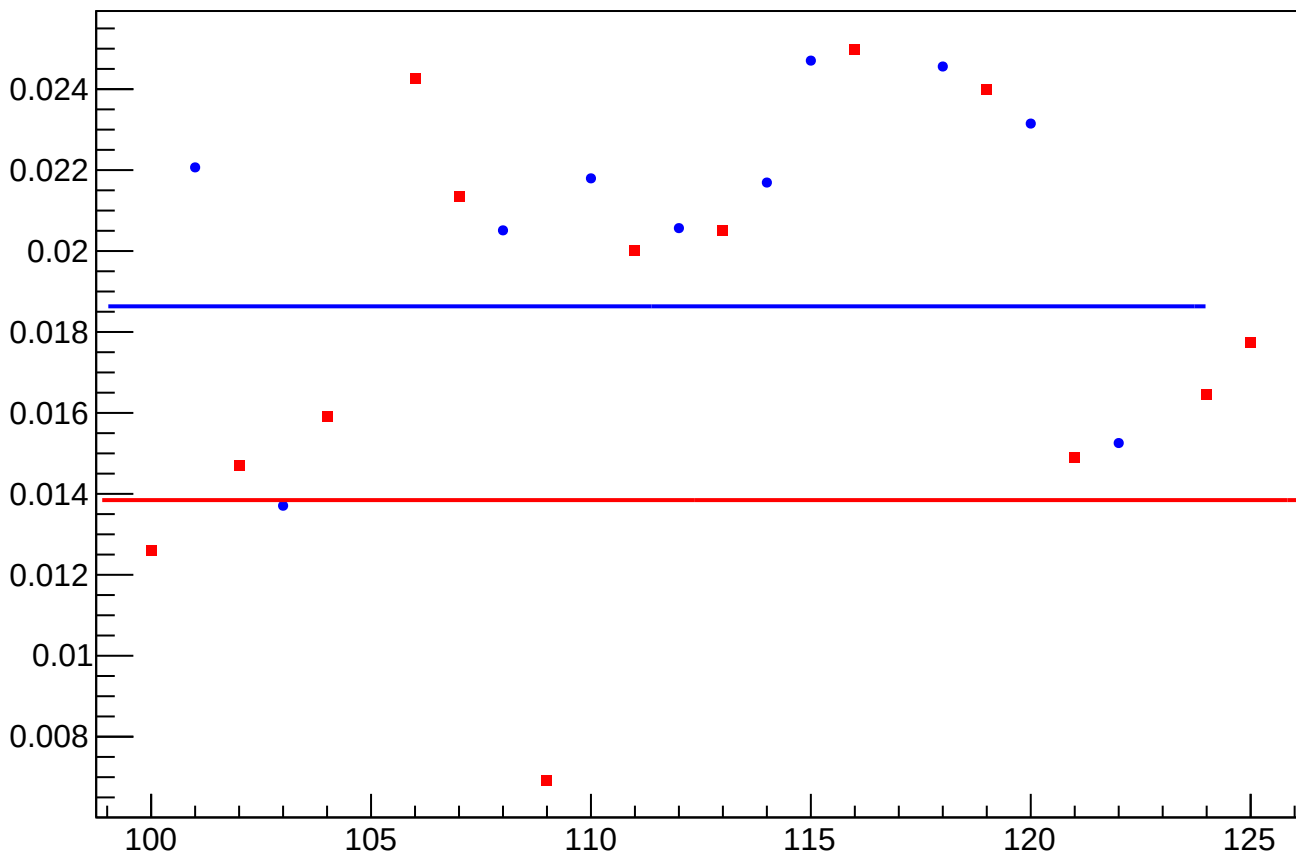
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: -0.064+/-0.000 χ^2/NDF : 17714997533.3/22

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 : 1360829.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

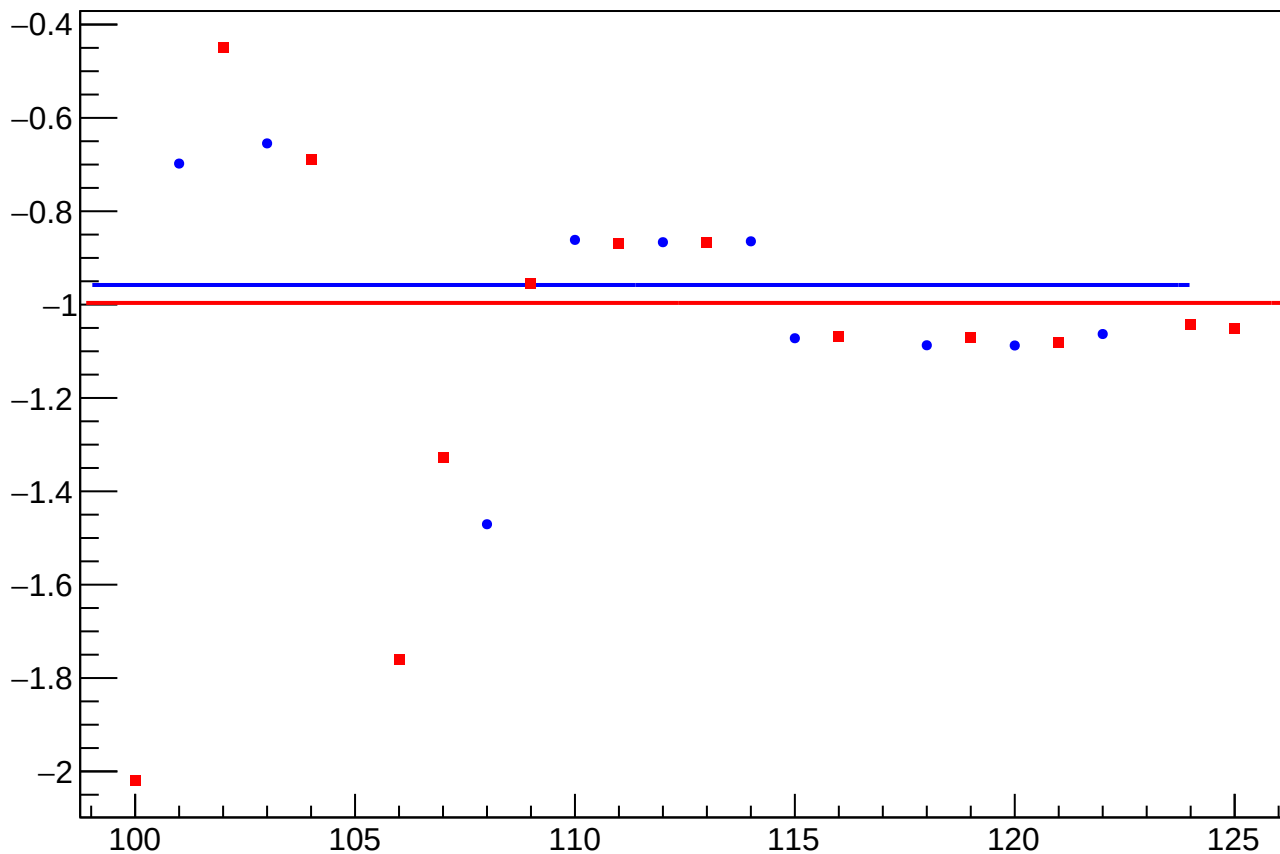
Right: 0.015+/-0.000 χ^2/NDF : 2012887.5/22

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 : 2012887.5/22

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: -0.996+/-0.000 χ^2/NDF : 236672866.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

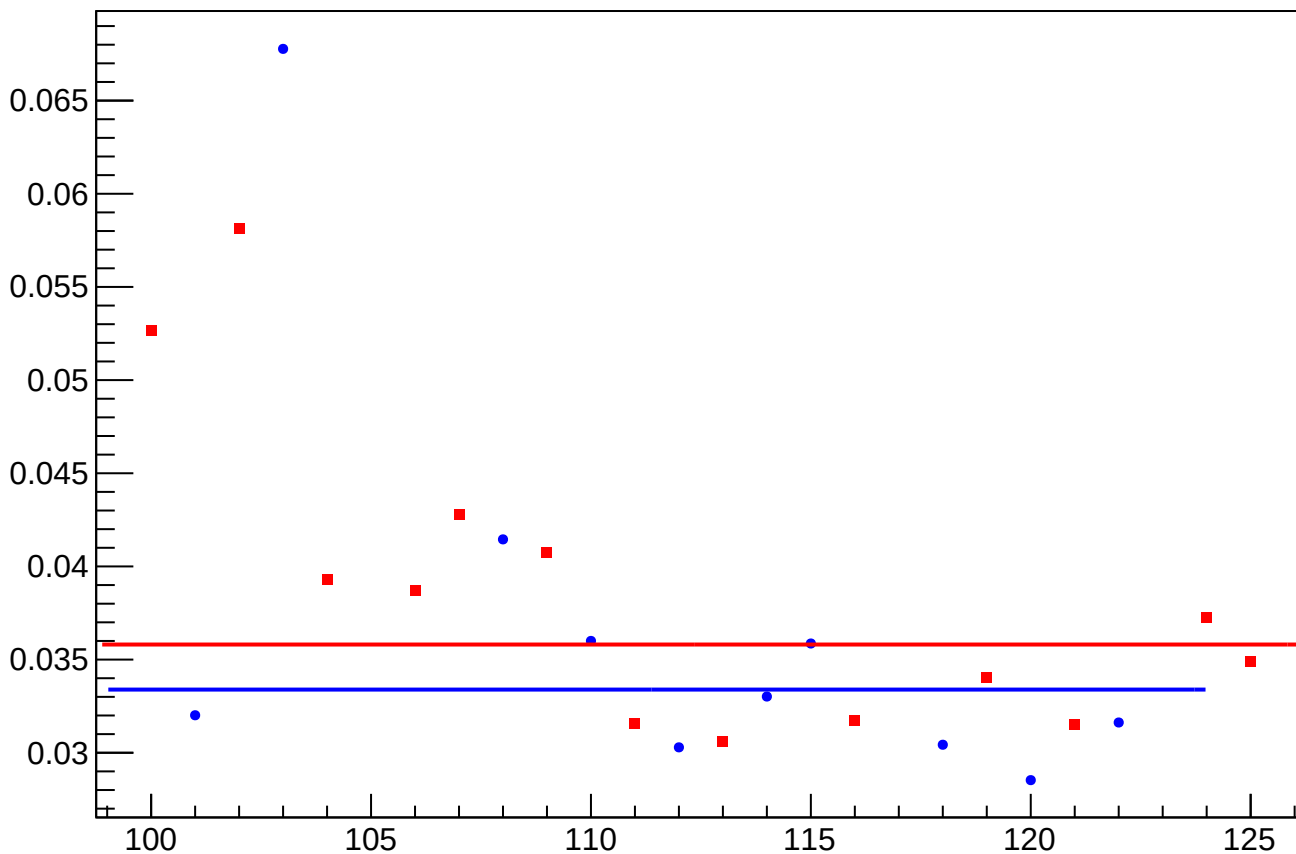
Right: -0.978+/-0.000 χ^2/NDF : 366297033.5/22

In: -0.958+/-0.000 χ^2/NDF :127258917.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.978+/-0.000 χ^2/NDF : 366297033.5/22

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 : 274077.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

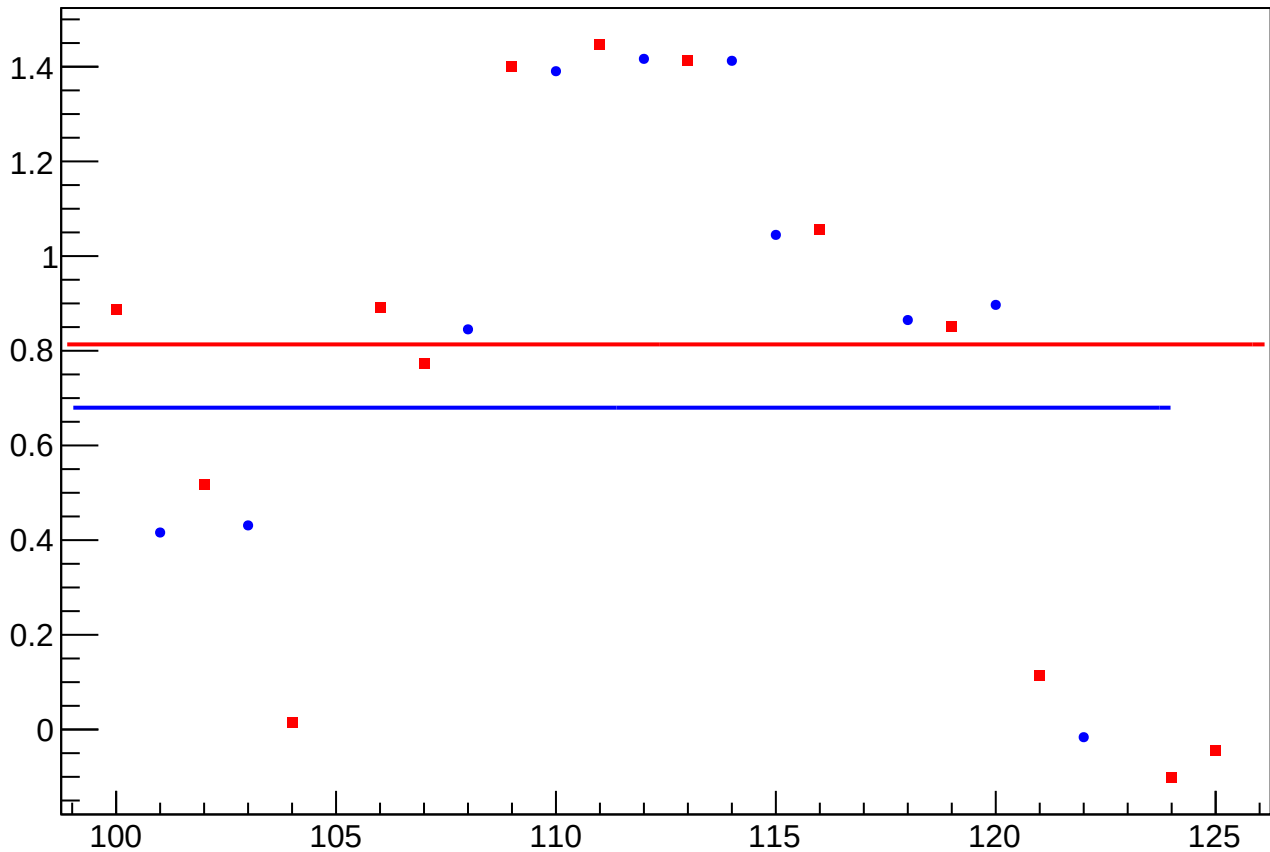
Right: 0.035+/-0.000 χ^2/NDF : 648664.4/22

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 : 648664.4/22

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: 0.813+/-0.000 χ^2/NDF : 12762176494.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

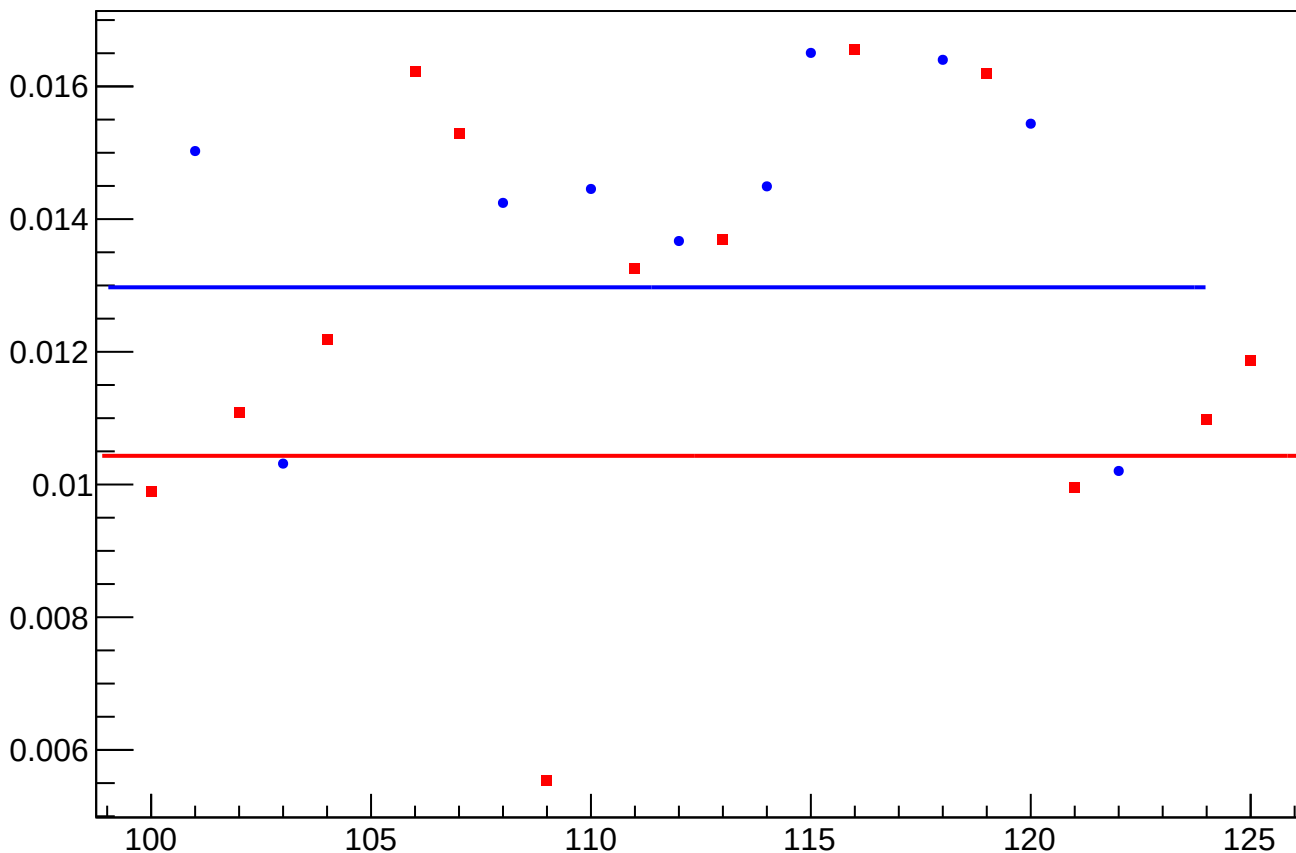
Right: 0.764+/-0.000 χ^2/NDF : 18060812340.1/22

In: 0.680+/-0.000 χ^2/NDF :5057545929.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.764+/-0.000 χ^2/NDF : 18060812340.1/22

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 : 957363.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

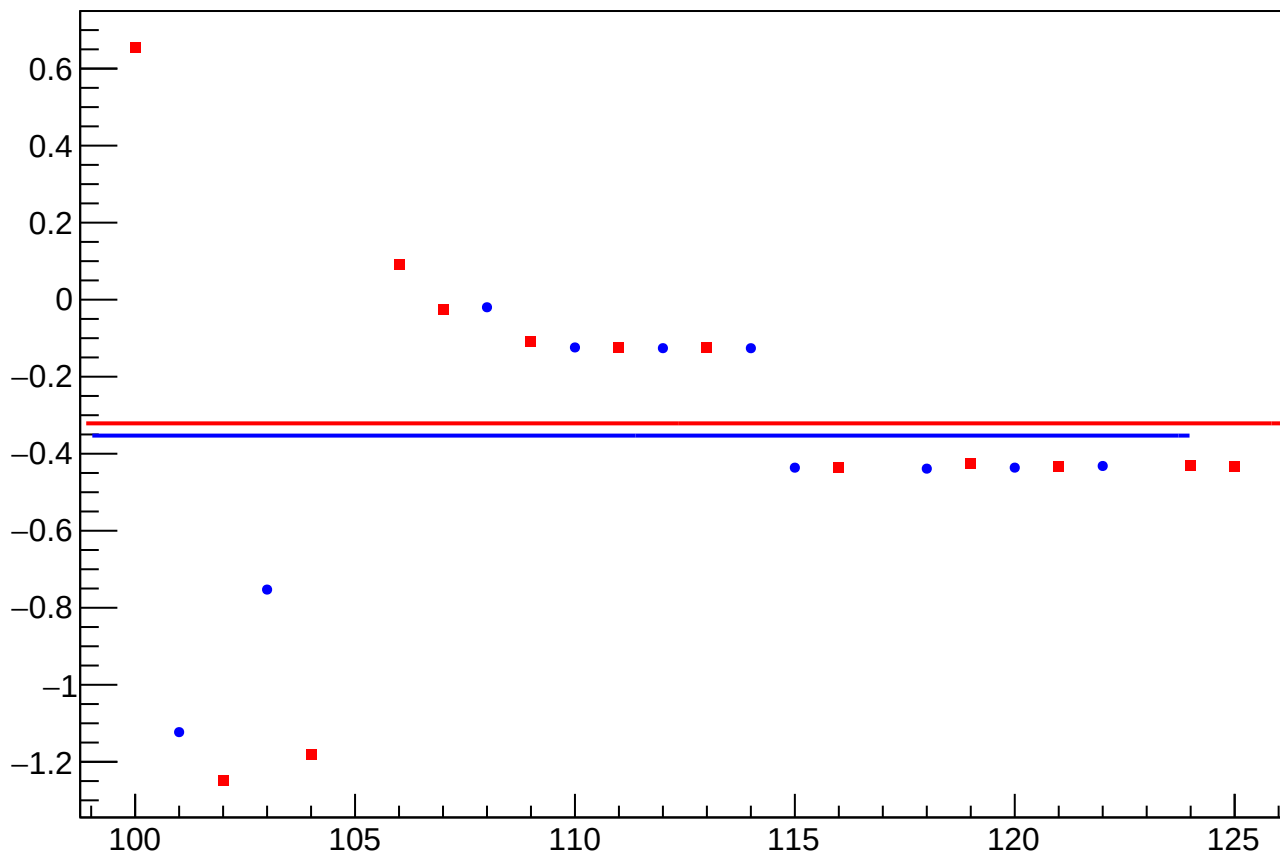
Right: 0.011+/-0.000 χ^2/NDF : 1375311.2/22

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 : 1375311.2/22

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: -0.321+/-0.000 χ^2/NDF : 709214493.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

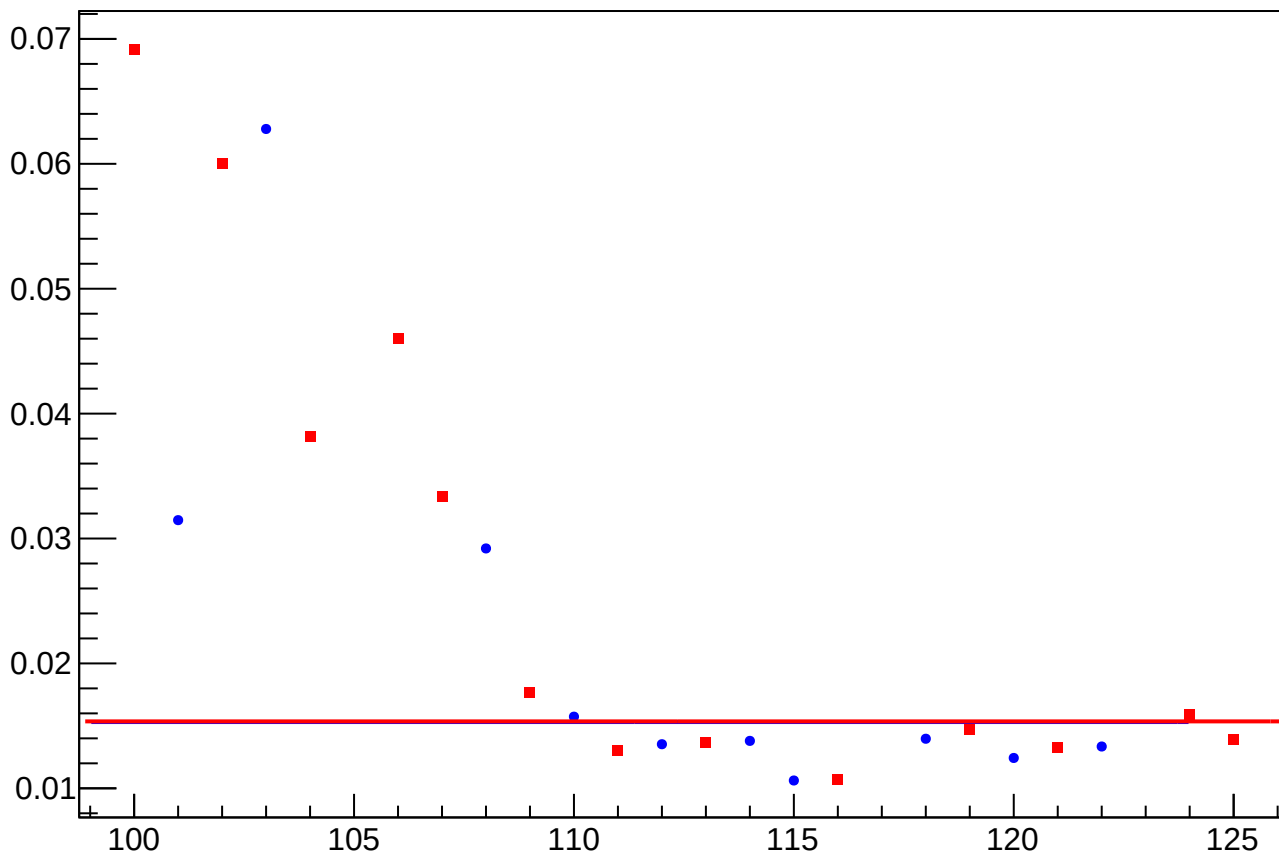
Right: -0.336+/-0.000 χ^2/NDF : 1362546356.1/22

In: -0.353+/-0.000 χ^2/NDF :646727229.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.336+/-0.000 χ^2/NDF : 1362546356.1/22

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: 0.015+/-0.000 χ^2/NDF : 1466978.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

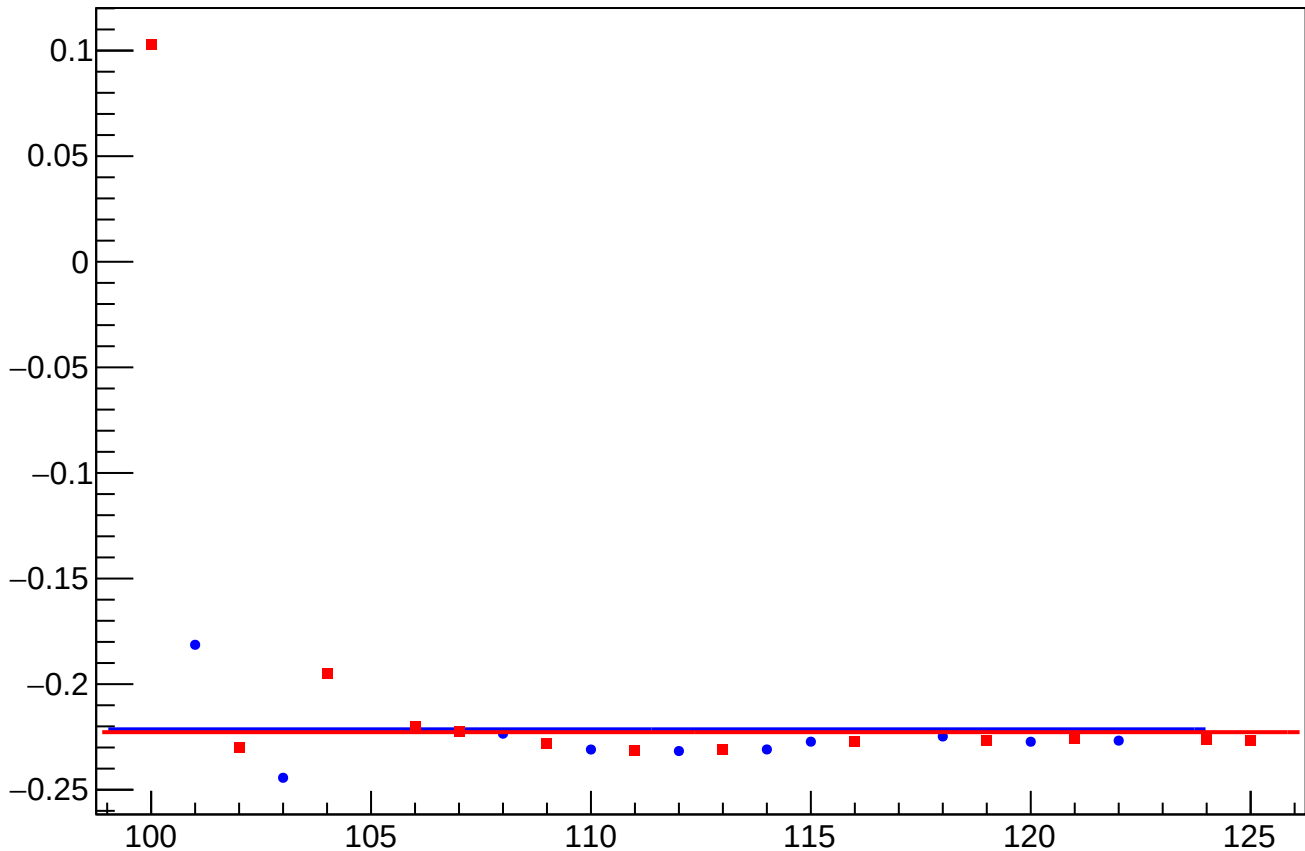
Right: 0.015+/-0.000 χ^2/NDF : 2624828.1/22

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 : 2624828.1/22

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: -0.223+/-0.000 χ^2/NDF : 157246923.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

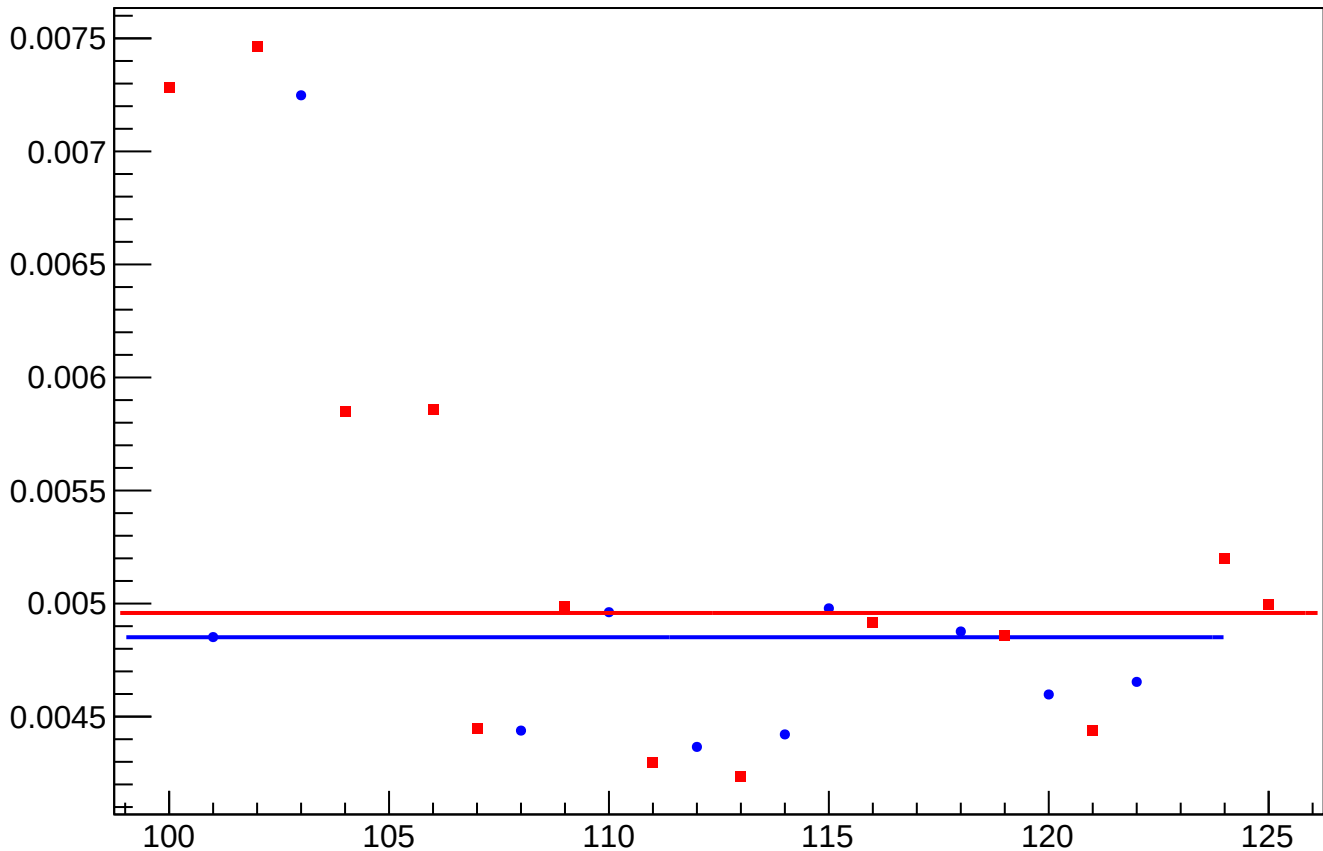
Right: -0.222+/-0.000 χ^2/NDF : 208172613.3/22

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 : 208172613.3/22

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 : 246411.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

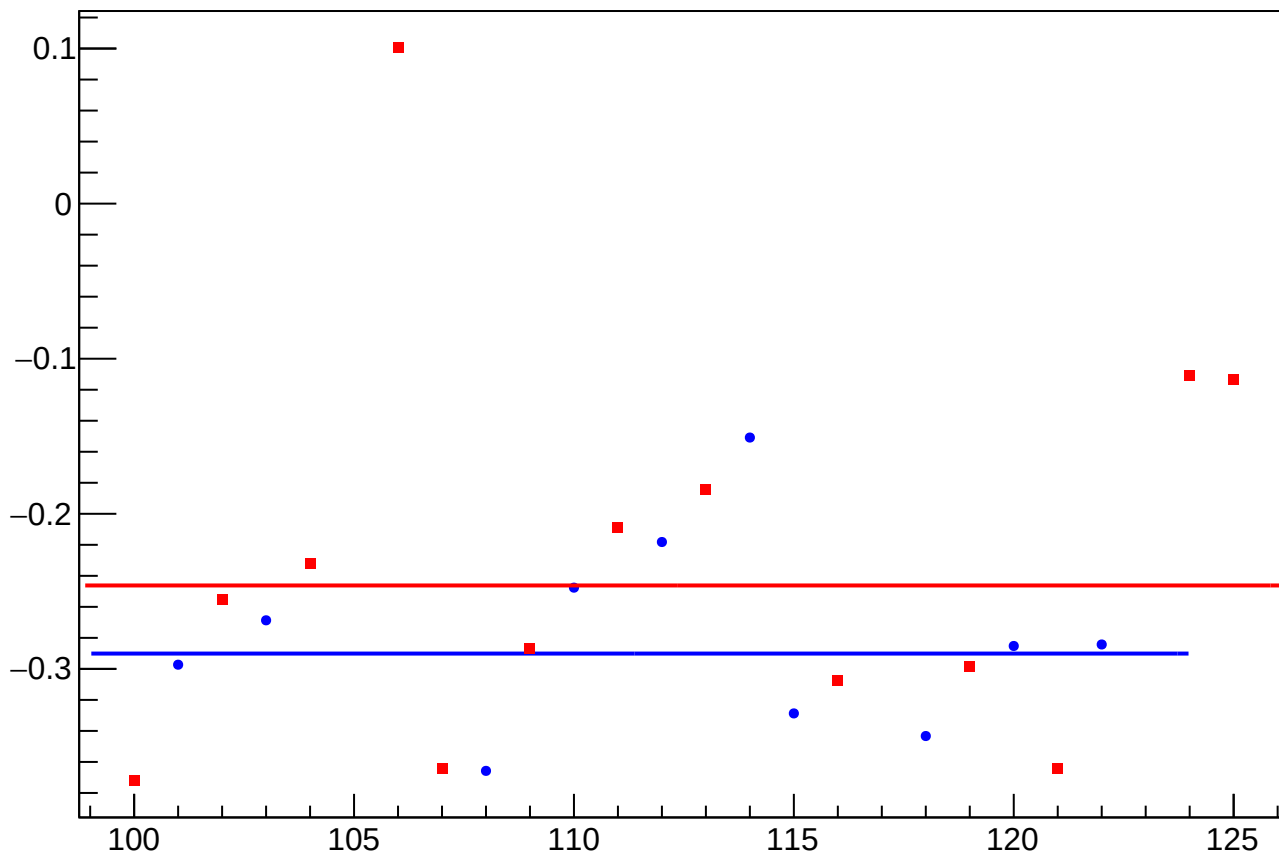
Right: 0.005+/-0.000 χ^2/NDF : 393972.5/22

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 : 393972.5/22

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: -0.246+/-0.000 χ^2/NDF : 945119957.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

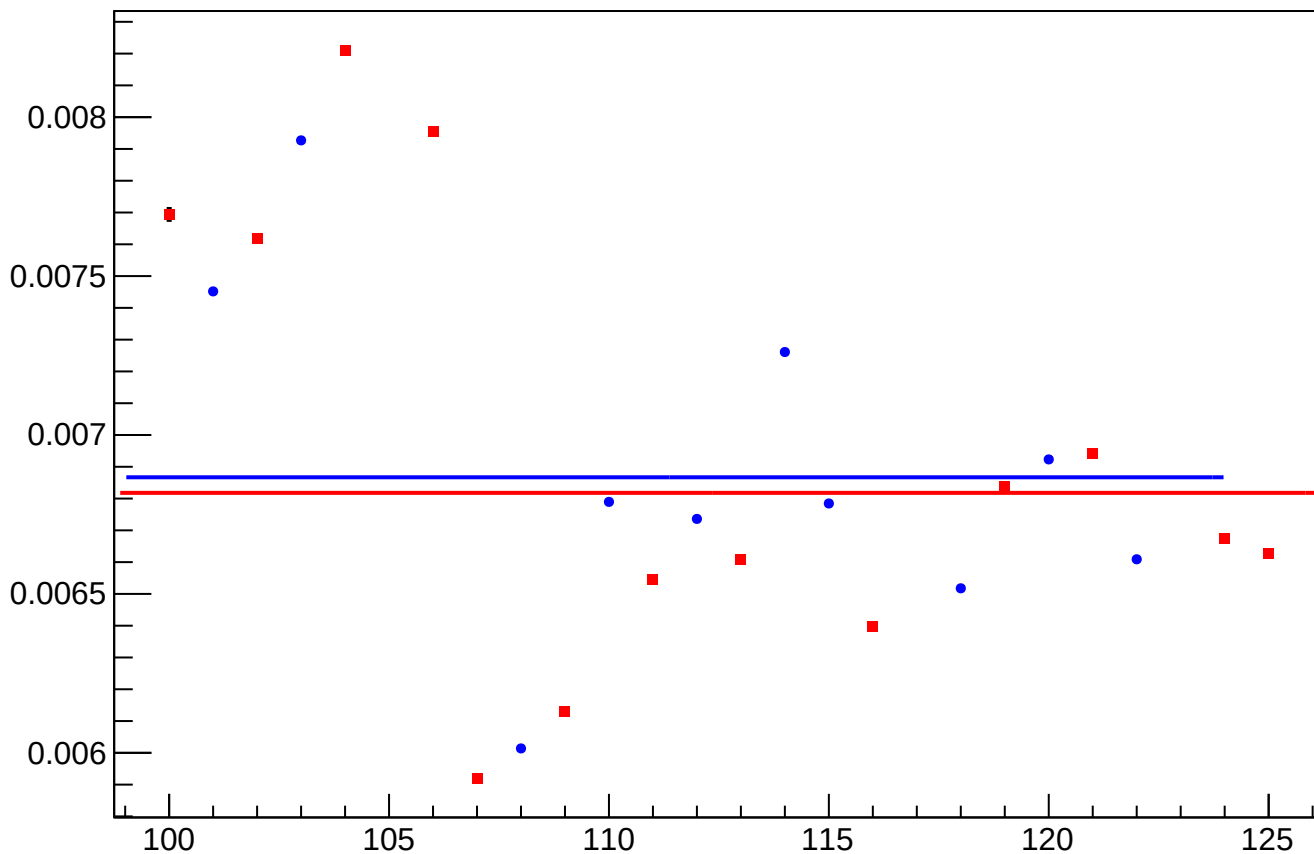
Right: -0.266+/-0.000 χ^2/NDF : 1253409250.1/22

In: -0.290+/-0.000 χ^2/NDF :218497154.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.266+/-0.000 χ^2/NDF : 1253409250.1/22

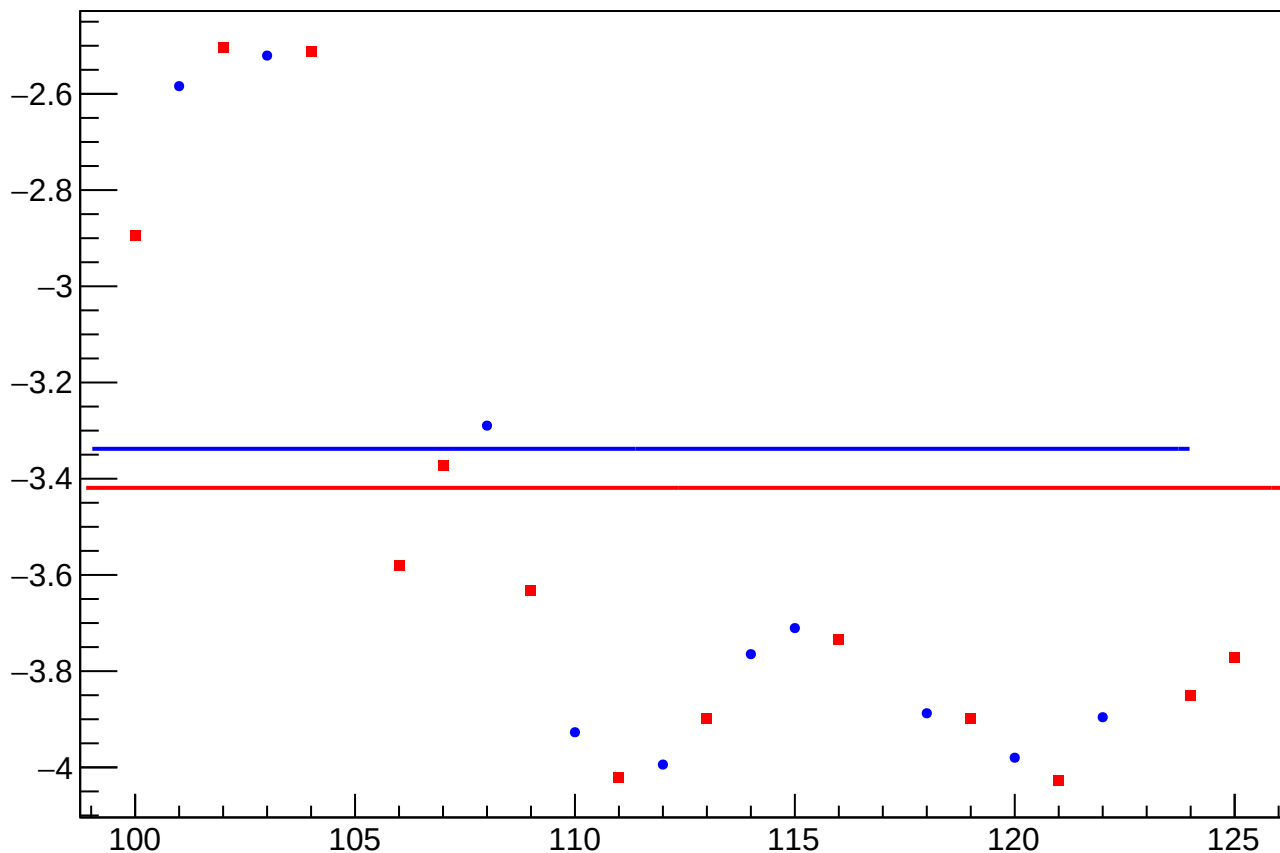
yield_bpm0i02X_rms vs Slug, Sign Corrected



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 : 83093.0/12
 Left 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 : 133845.7/22
 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 : 133845.7/22

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: -3.419+/-0.000 χ^2/NDF : 27515278601.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

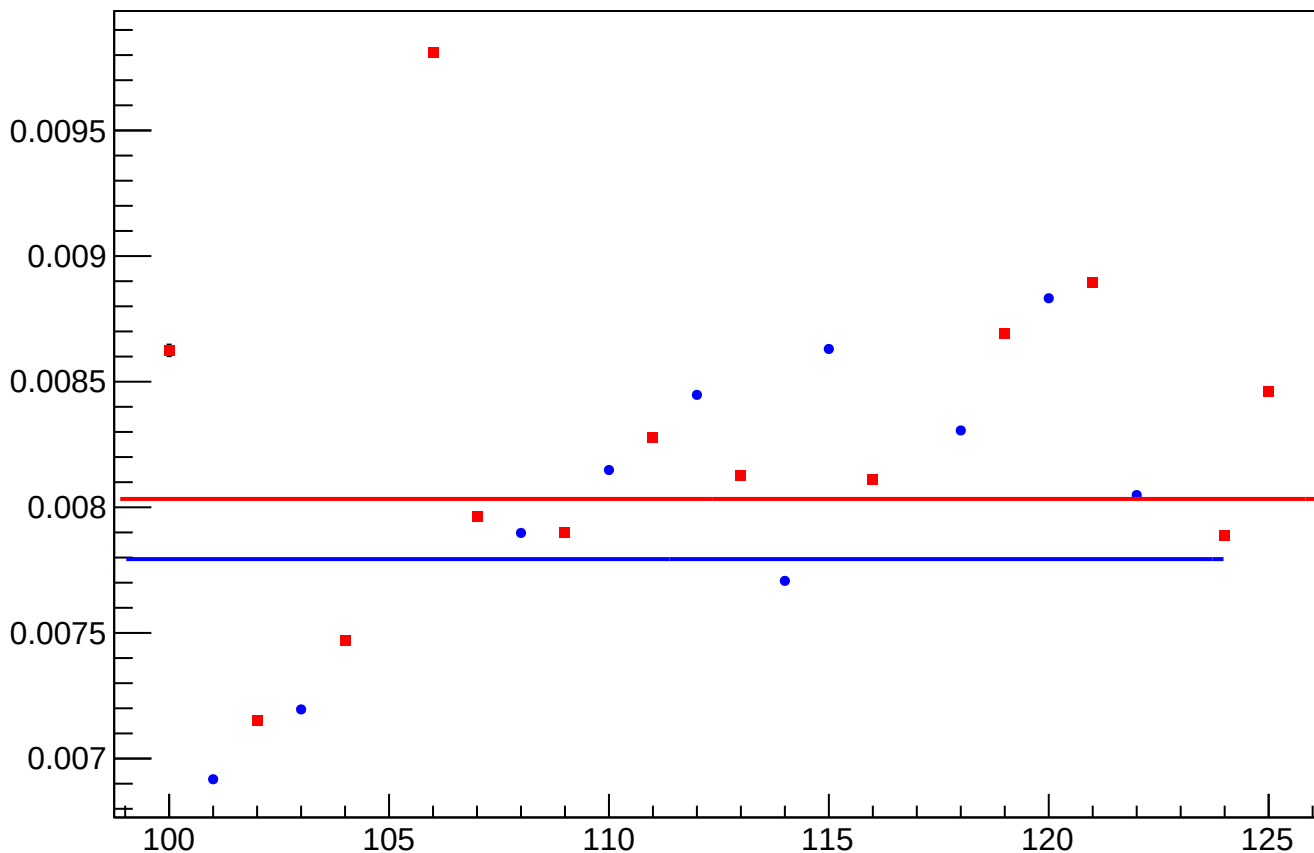
Right: -3.381+/-0.000 χ^2/NDF : 54235577206.0/22

In: -3.338+/-0.000 χ^2/NDF :26493725076.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.381+/-0.000 χ^2/NDF : 54235577206.0/22

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 : 53594.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

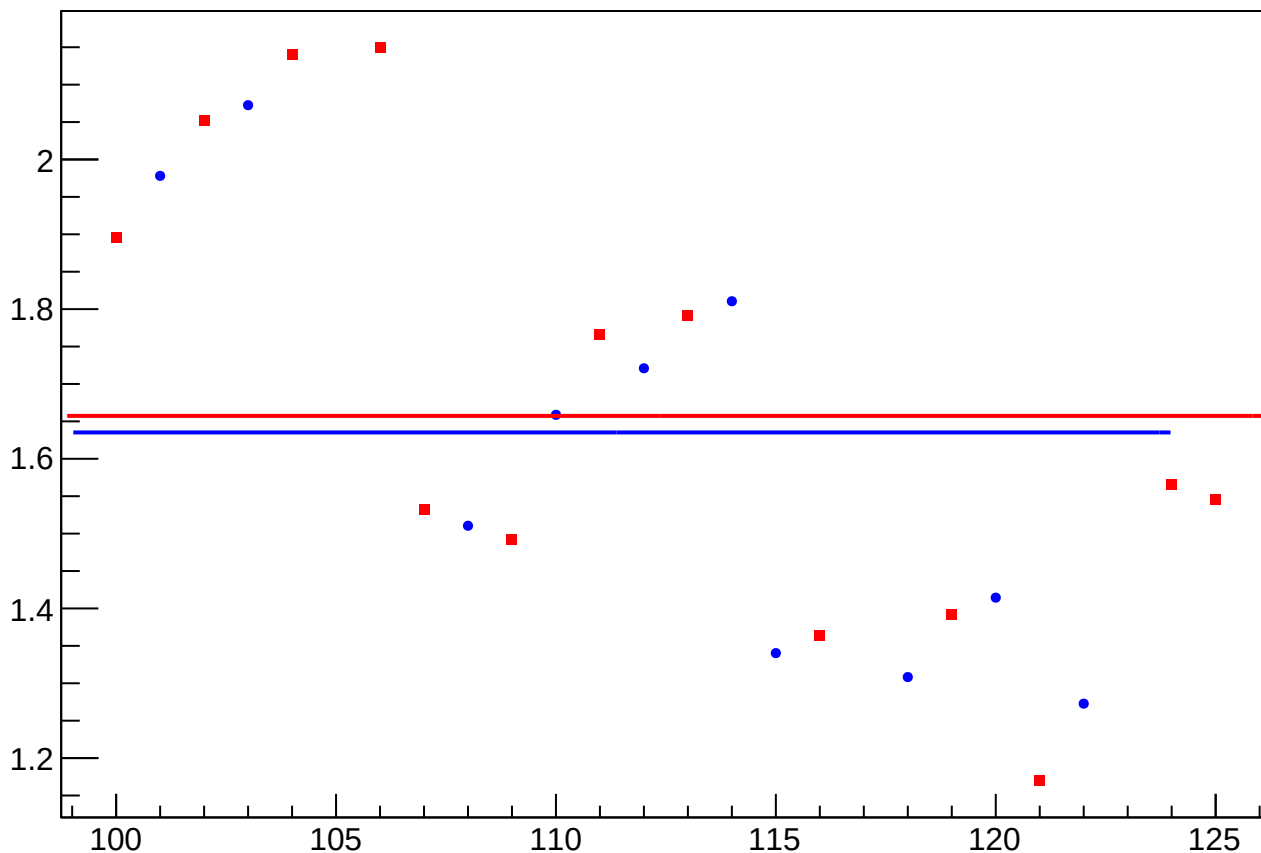
Right: 0.008+/-0.000 χ^2/NDF : 110184.4/22

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 : 110184.4/22

yield_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: 1.635+/-0.000 χ^2/NDF : 2065146298.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.657+/-0.000 χ^2/NDF : 2876812866.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

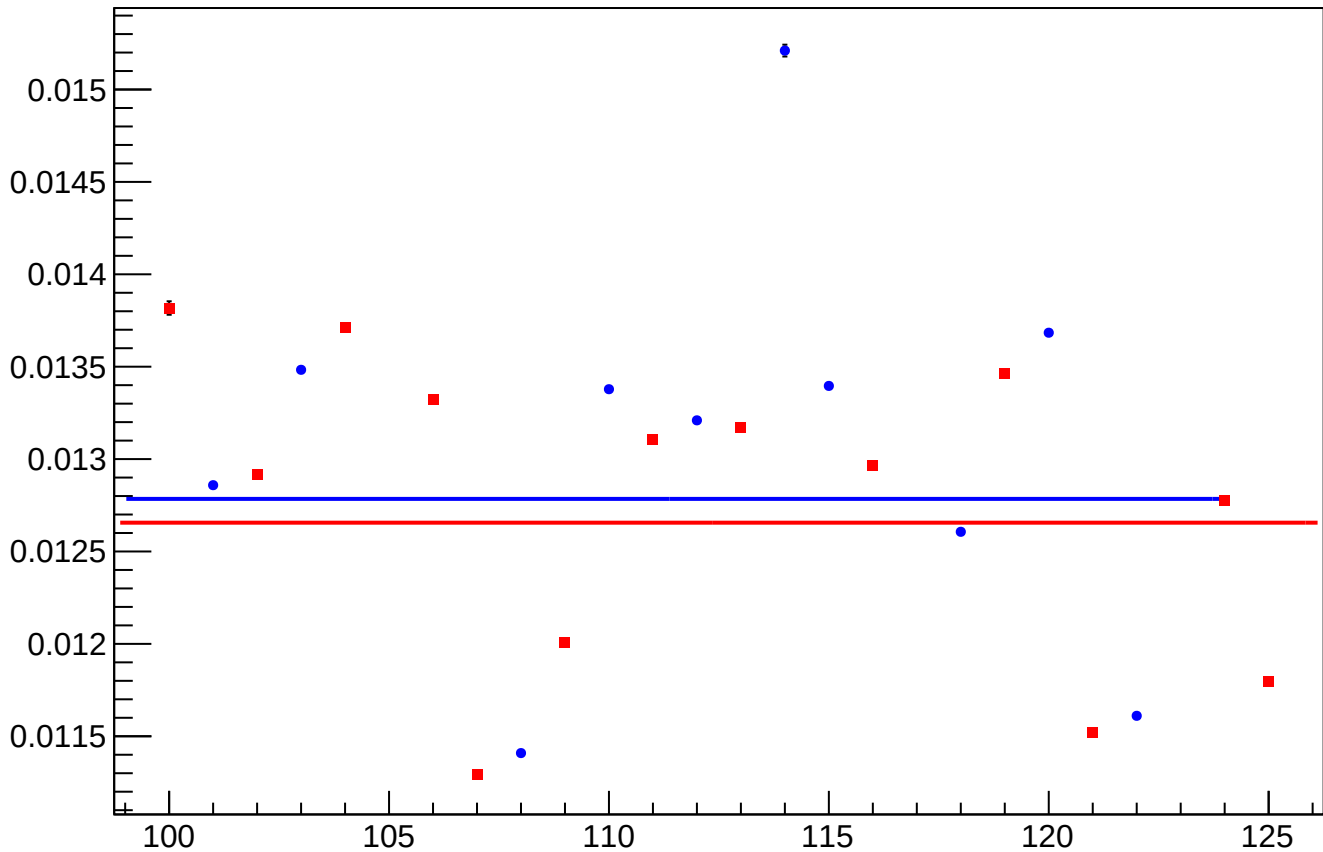
Right: 1.647+/-0.000 χ^2/NDF : 4948517076.3/22

In: 1.635+/-0.000 χ^2/NDF : 2065146298.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.647+/-0.000 χ^2/NDF : 4948517076.3/22

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 : 37455.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

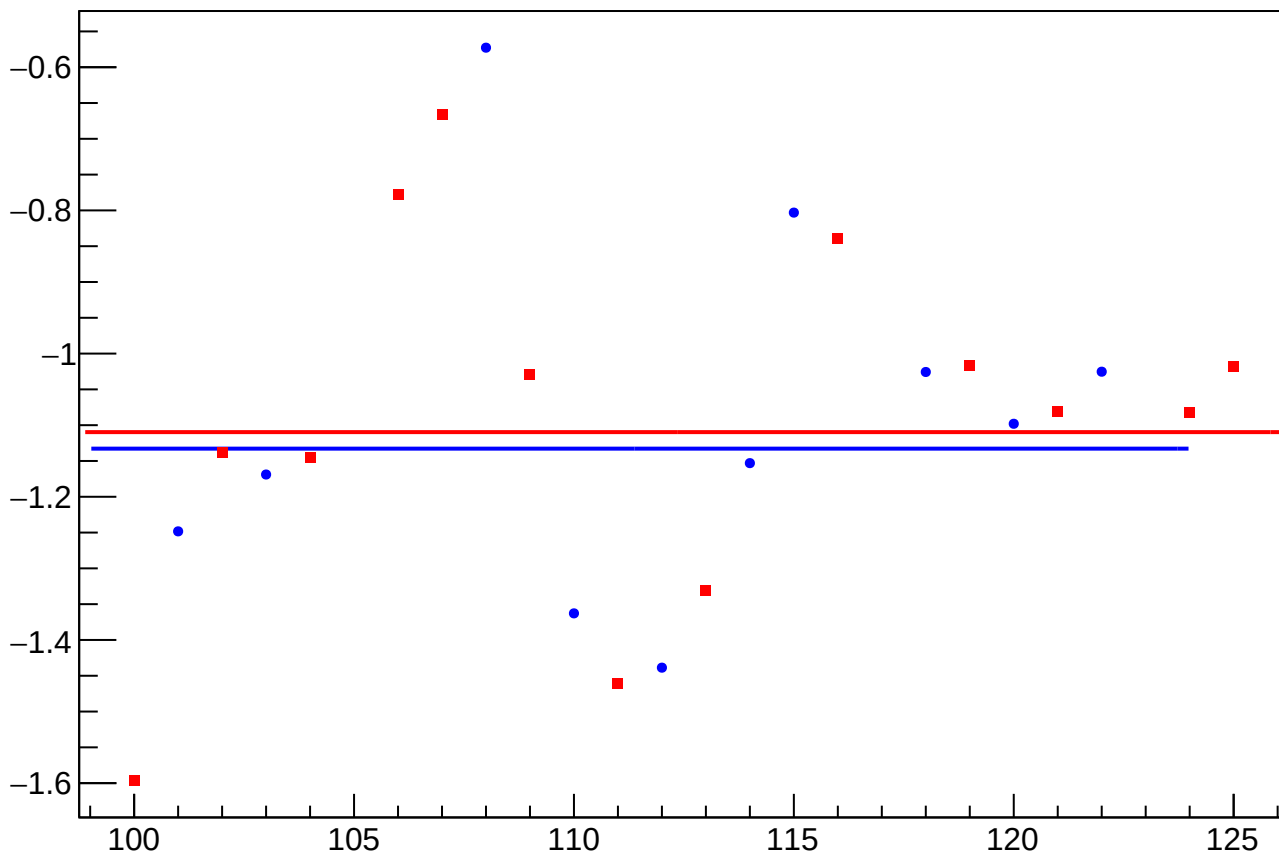
Right: 0.013+/-0.000 χ^2/NDF : 72420.6/22

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 : 72420.6/22

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: -1.110+/-0.000 χ^2/NDF : 1944471916.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

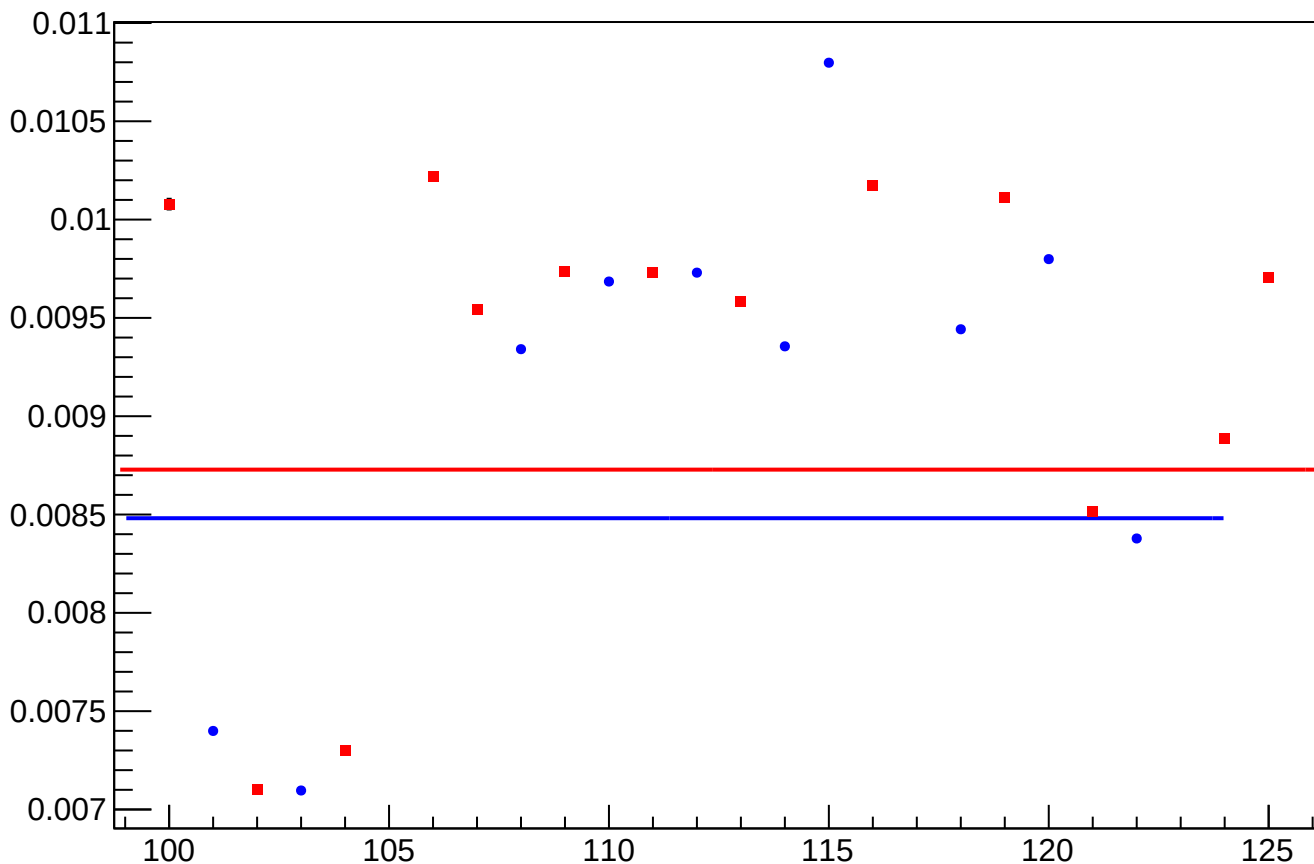
Right: -1.121+/-0.000 χ^2/NDF : 4411192584.7/22

In: -1.133+/-0.000 χ^2/NDF :2451663558.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.121+/-0.000 χ^2/NDF : 4411192584.7/22

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 : 180783.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

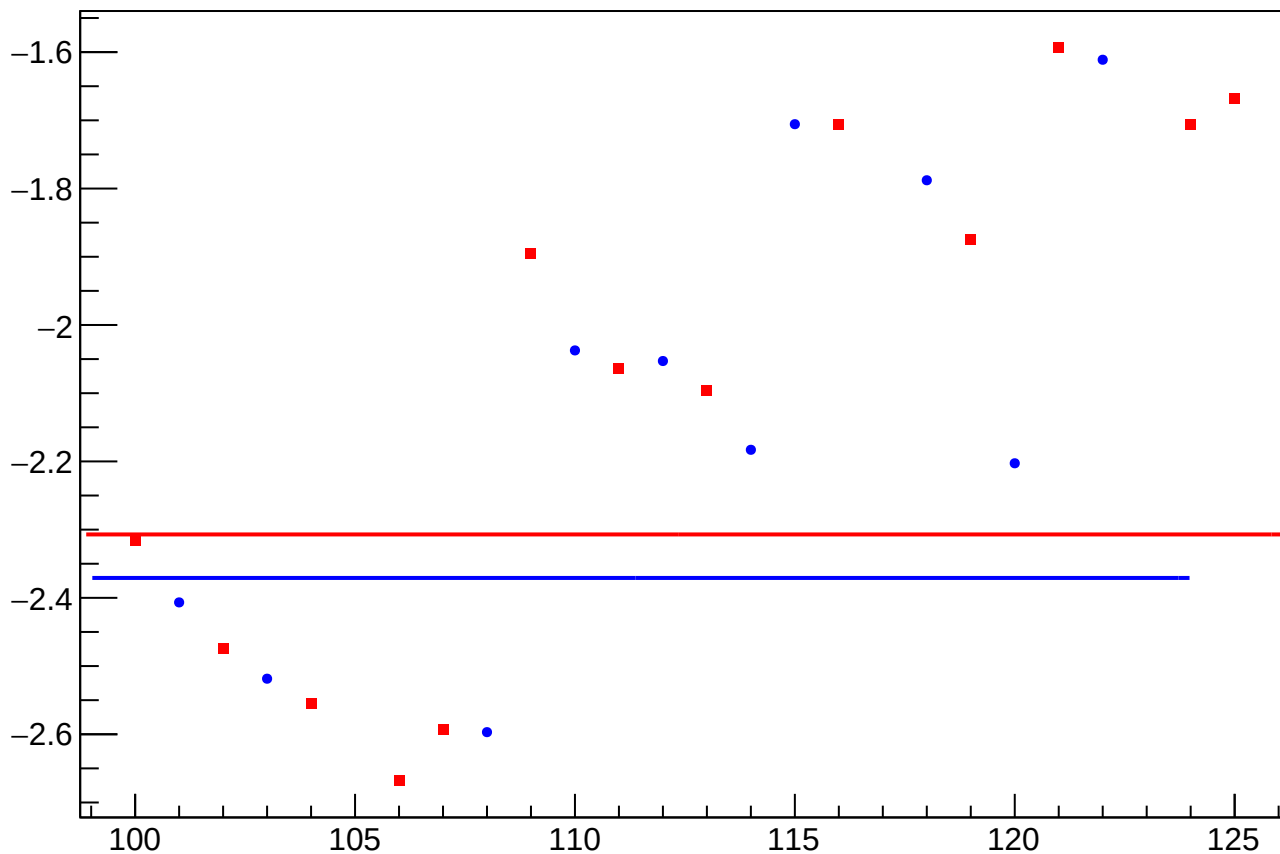
Right: 0.009+/-0.000 χ^2/NDF : 325337.5/22

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 : 325337.5/22

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: -2.307+/-0.000 χ^2/NDF : 8233869203.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

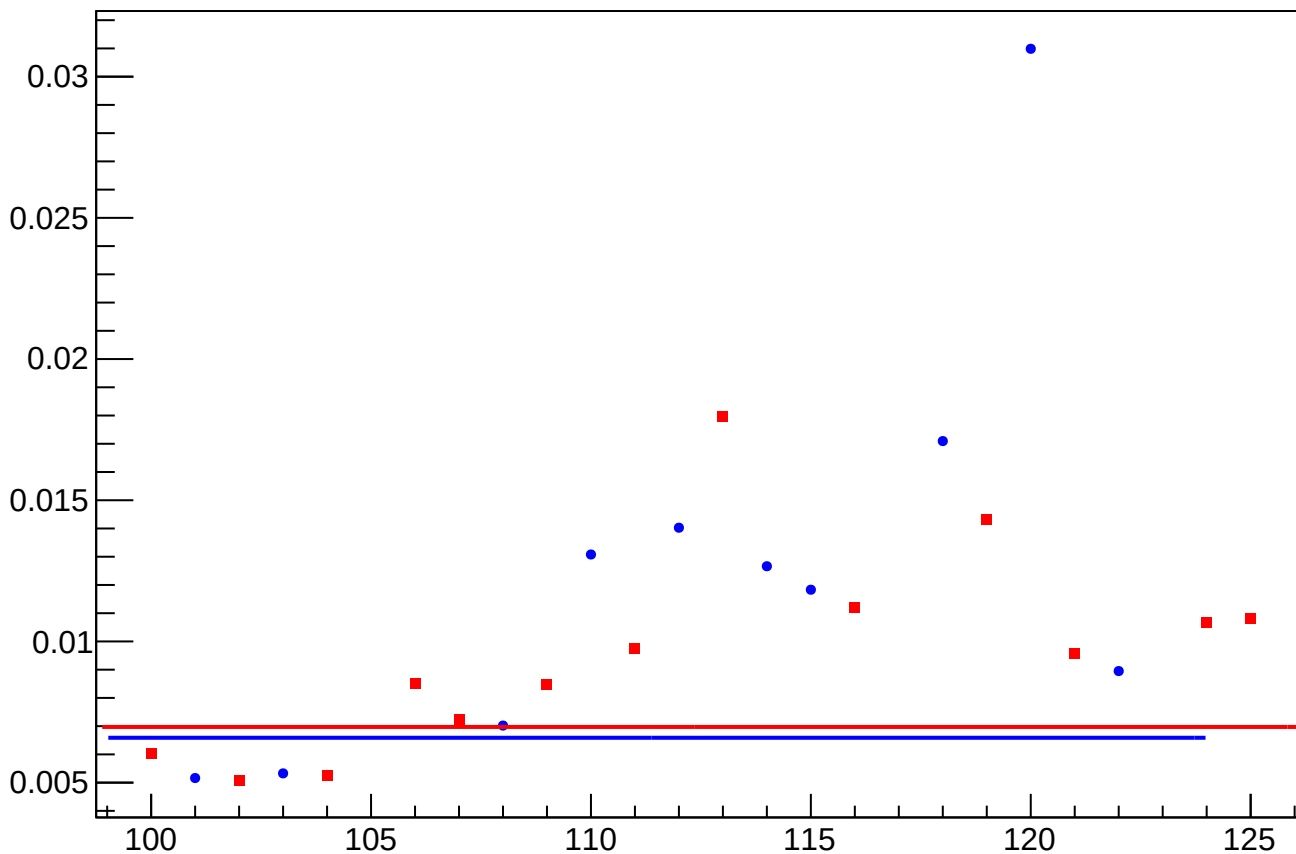
Right: -2.336+/-0.000 χ^2/NDF : 12868324886.0/22

In: -2.371+/-0.000 χ^2/NDF : 4497477508.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.336+/-0.000 χ^2/NDF : 12868324886.0/22

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 : 1014665.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

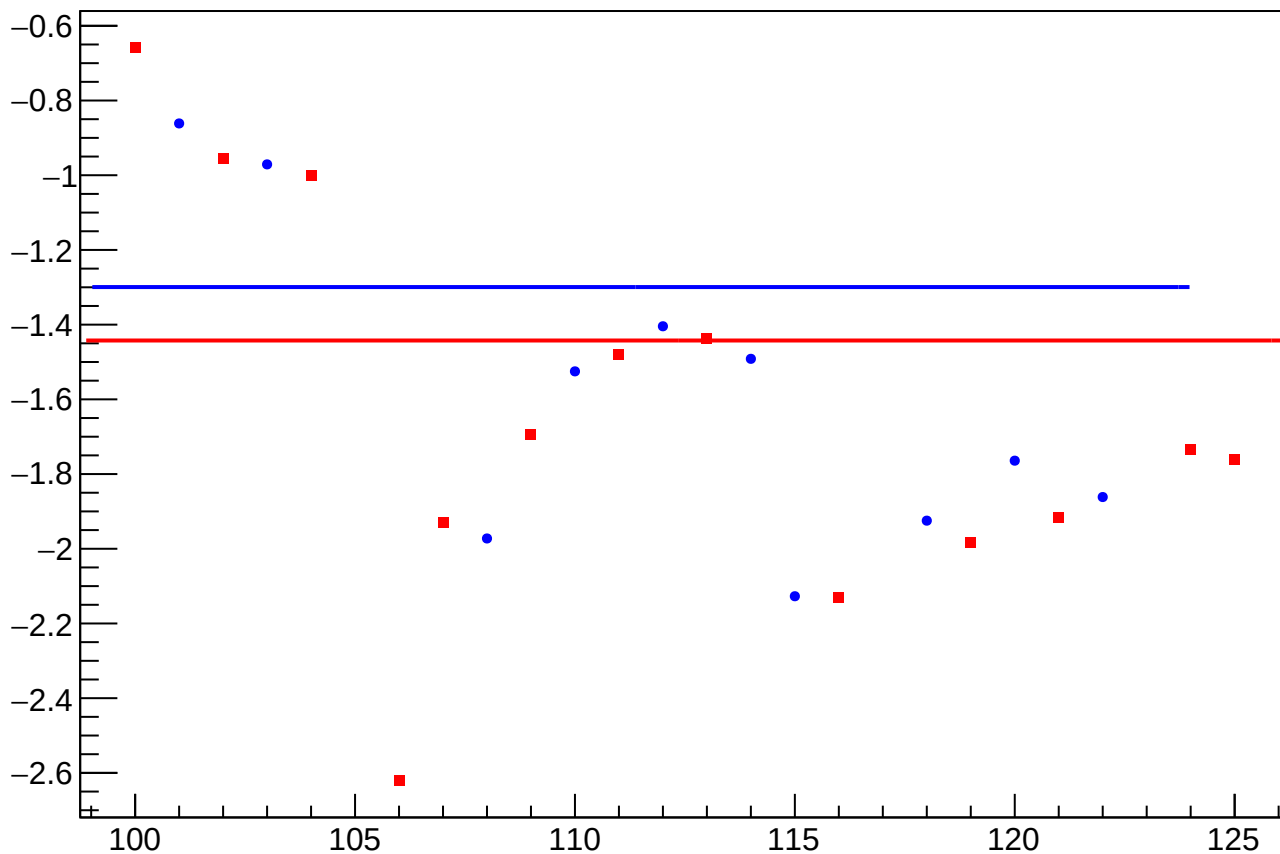
Right: 0.007+/-0.000 χ^2/NDF : 2209844.4/22

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 : 2209844.4/22

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: -1.442+/-0.000 χ^2/NDF : 24597261984.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

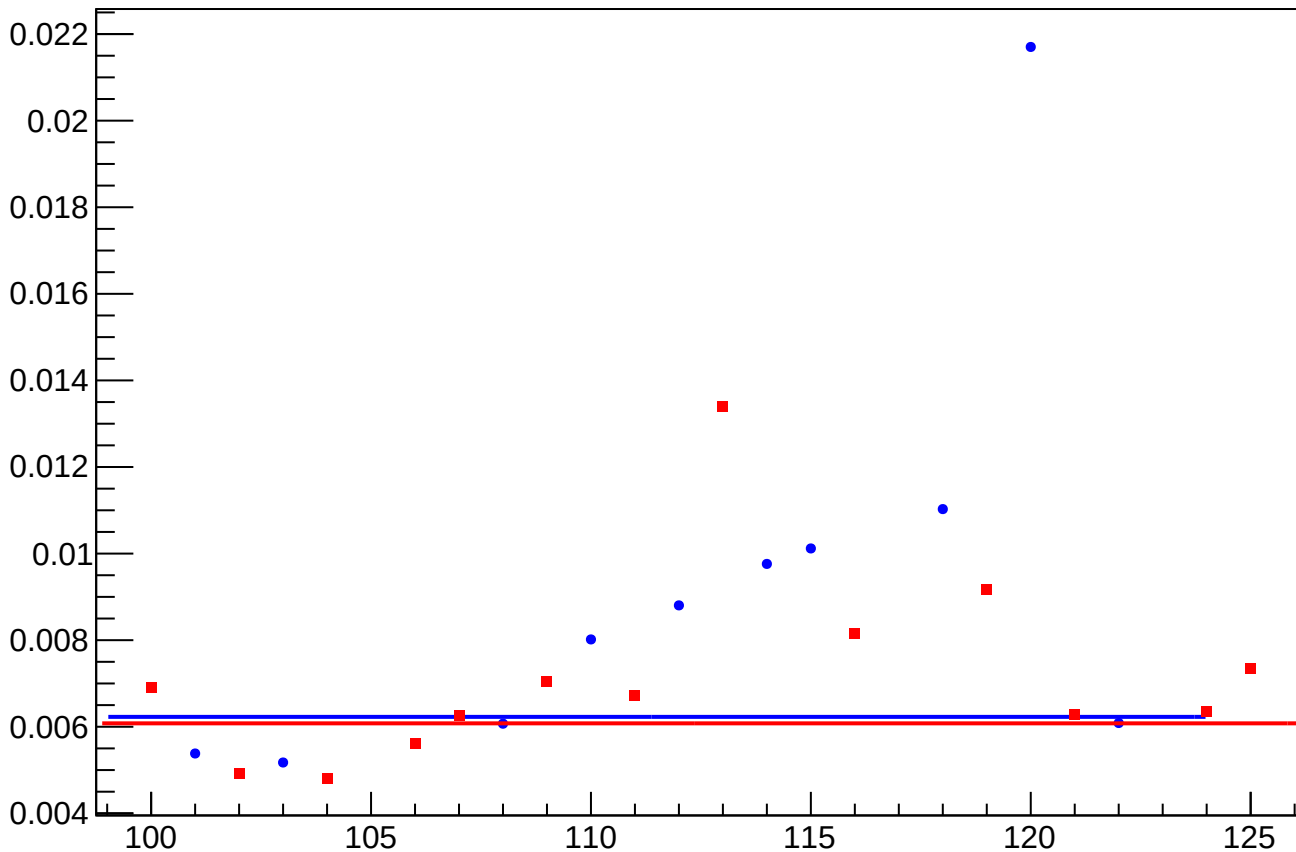
Right: -1.382+/-0.000 χ^2/NDF : 41634761619.5/22

In: -1.299+/-0.000 χ^2/NDF :16133658643.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.382+/-0.000 χ^2/NDF : 41634761619.5/22

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 : 449342.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

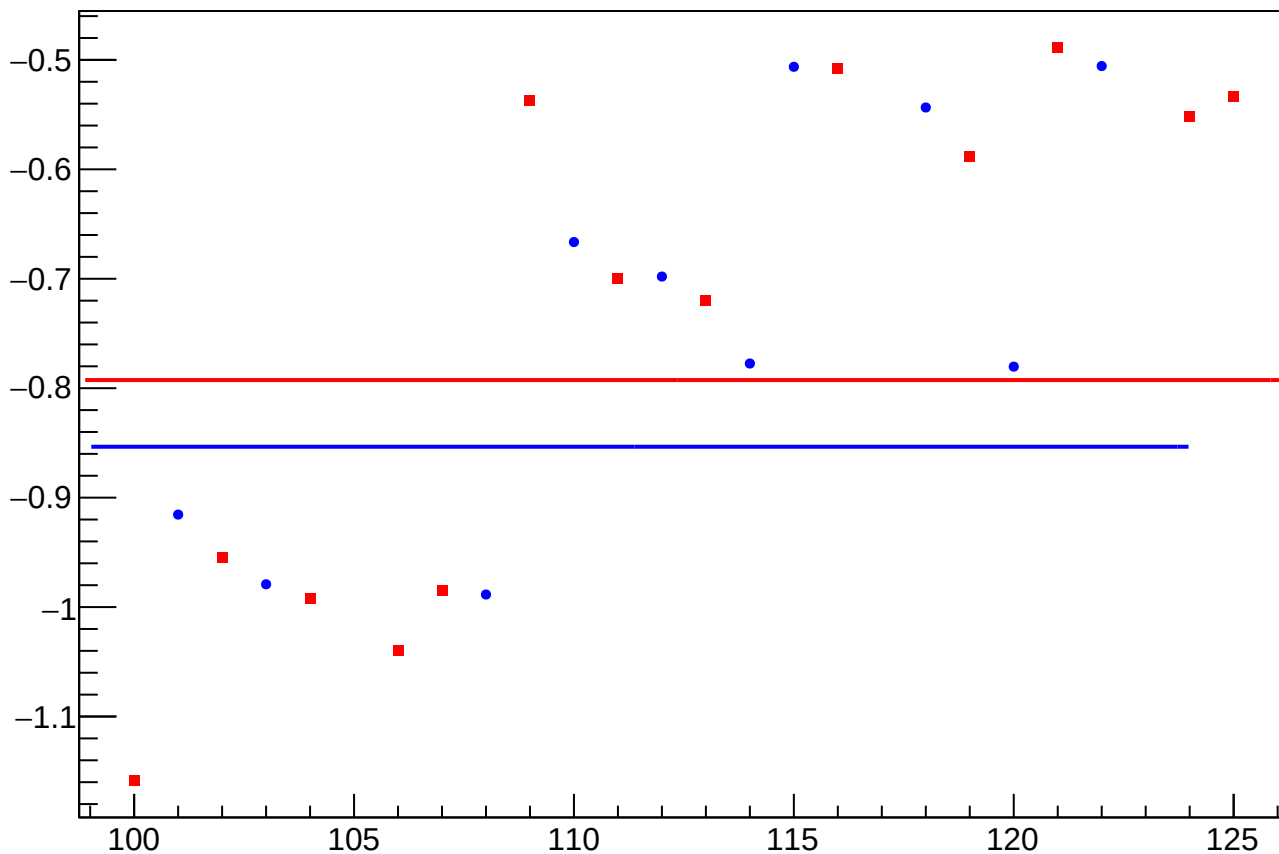
Right: 0.006+/-0.000 χ^2/NDF : 1039122.5/22

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 : 1039122.5/22

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: -0.793+/-0.000 χ^2/NDF : 6635217305.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

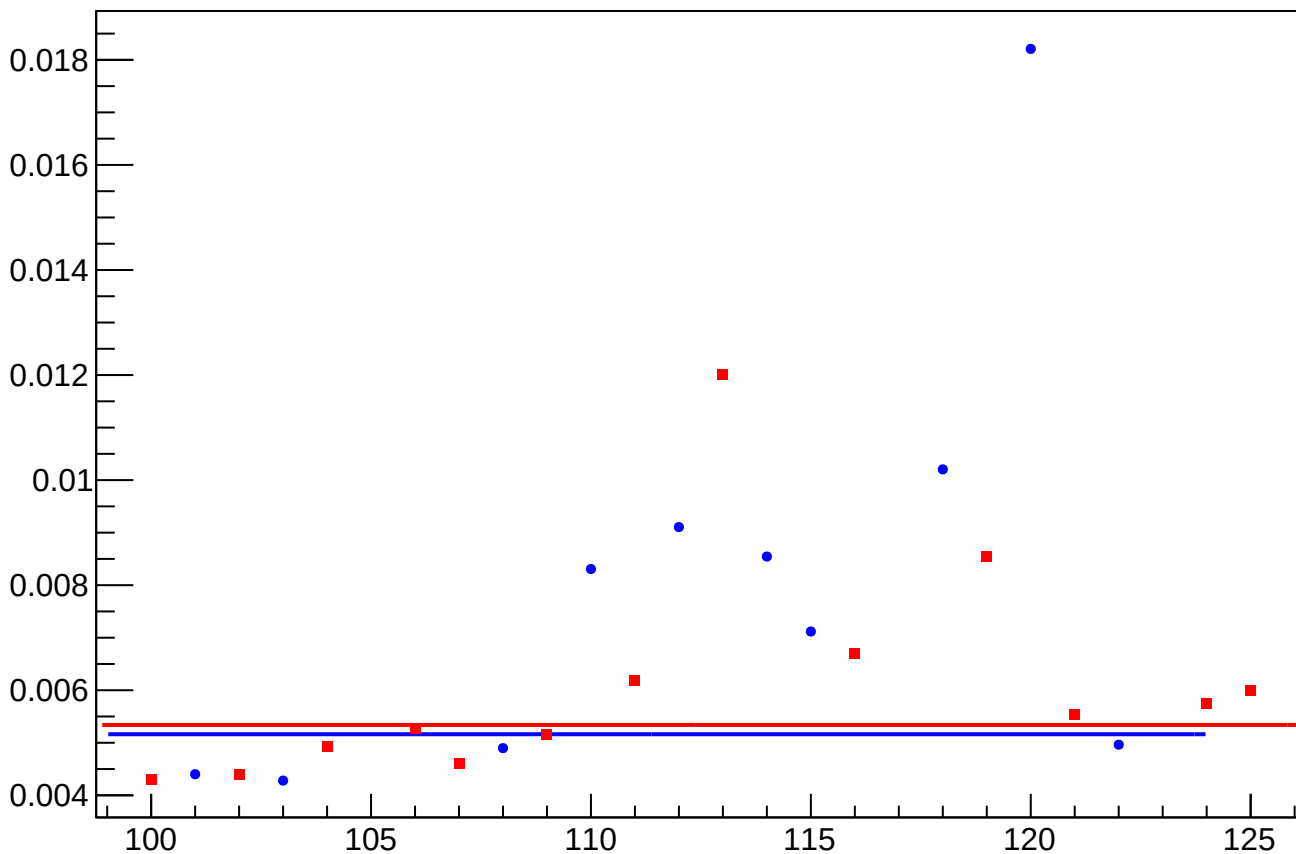
Right: -0.820+/-0.000 χ^2/NDF : 10314536713.0/22

In: -0.853+/-0.000 χ^2/NDF :3453364678.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.820+/-0.000 χ^2/NDF : 10314536713.0/22

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 : 415794.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

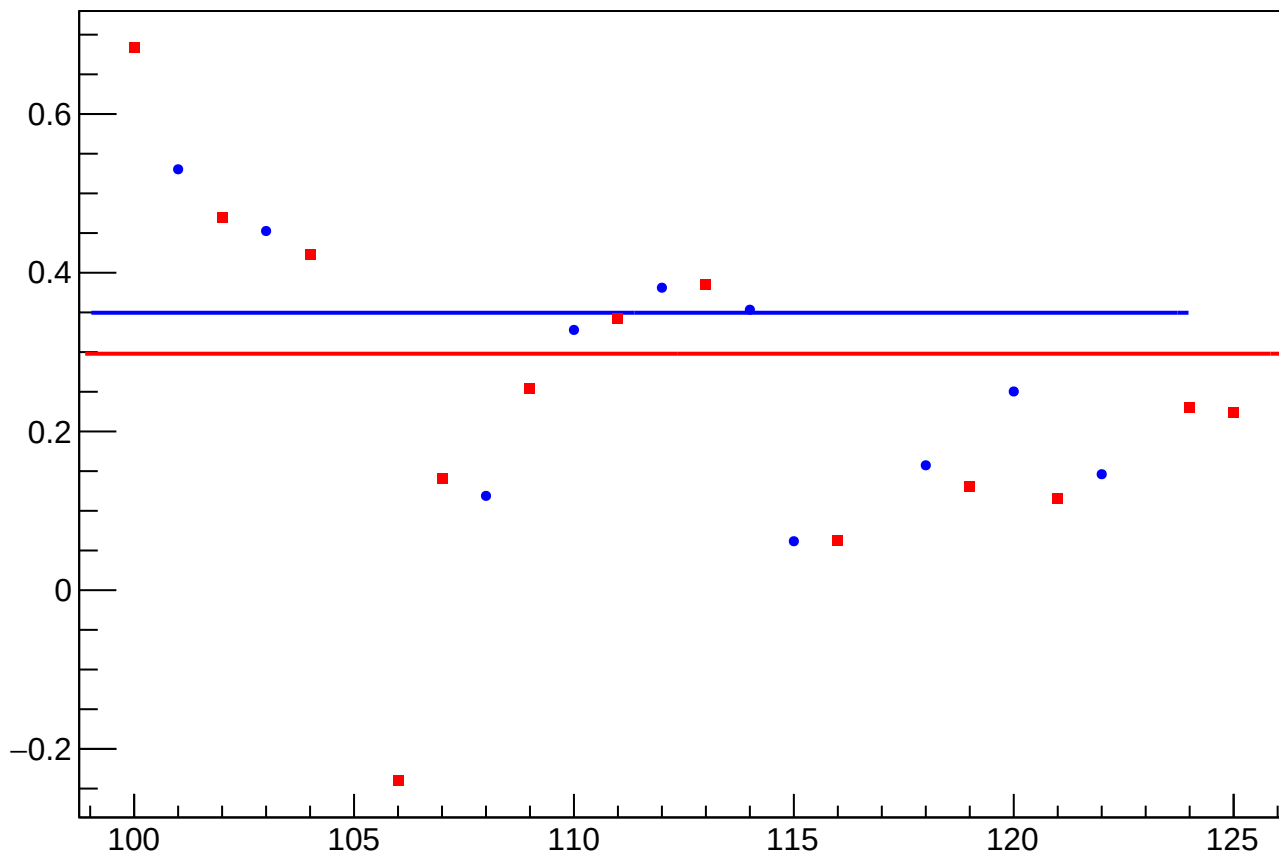
Right: 0.005+/-0.000 χ^2/NDF : 1201939.6/22

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 : 1201939.6/22

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: 0.319+/-0.000 χ^2/NDF : 12486701549.6/22

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.350+/-0.000 χ^2/NDF : 4956483575.3/9

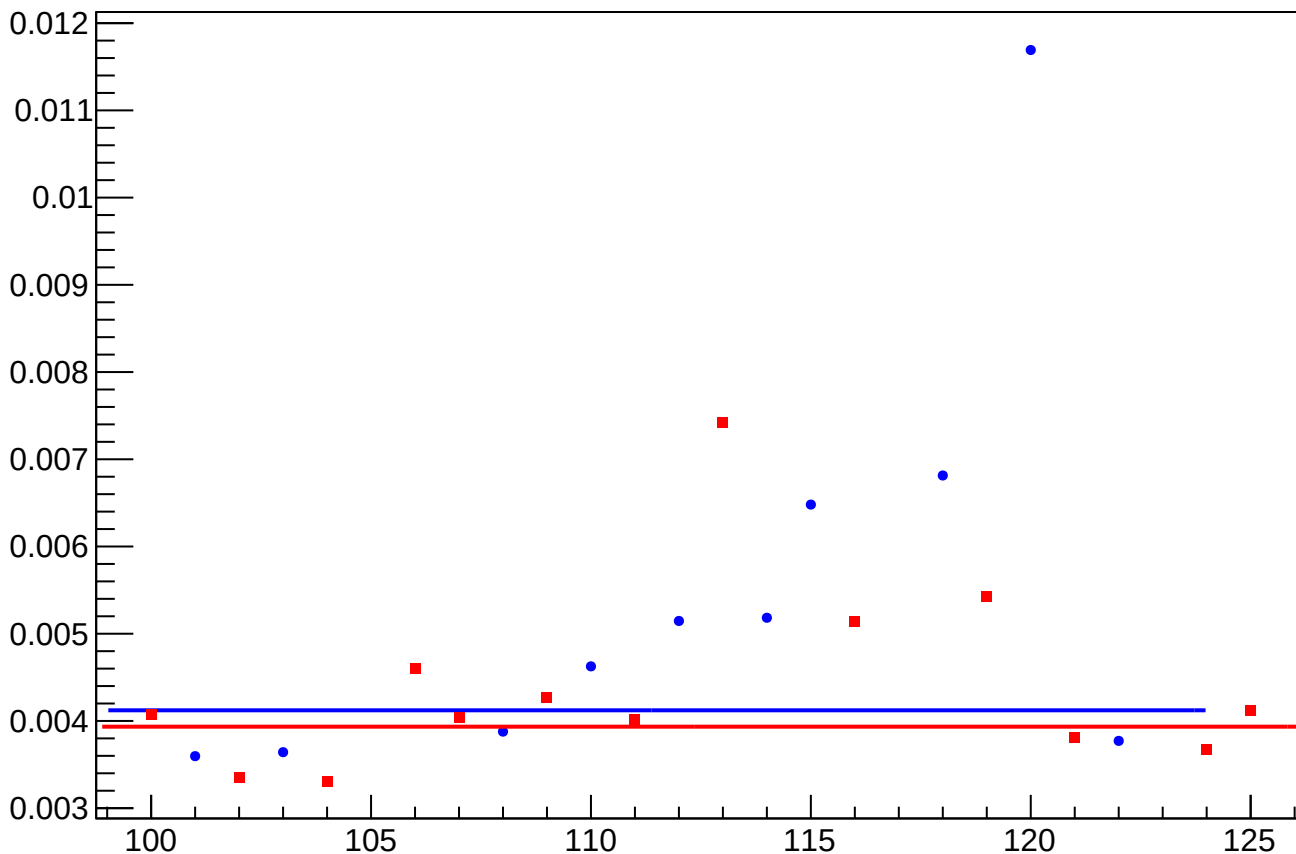
Right Out: 0.298+/-0.000 χ^2/NDF : 7242035042.3/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.319+/-0.000 χ^2/NDF : 12486701549.6/22

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 : 292188.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

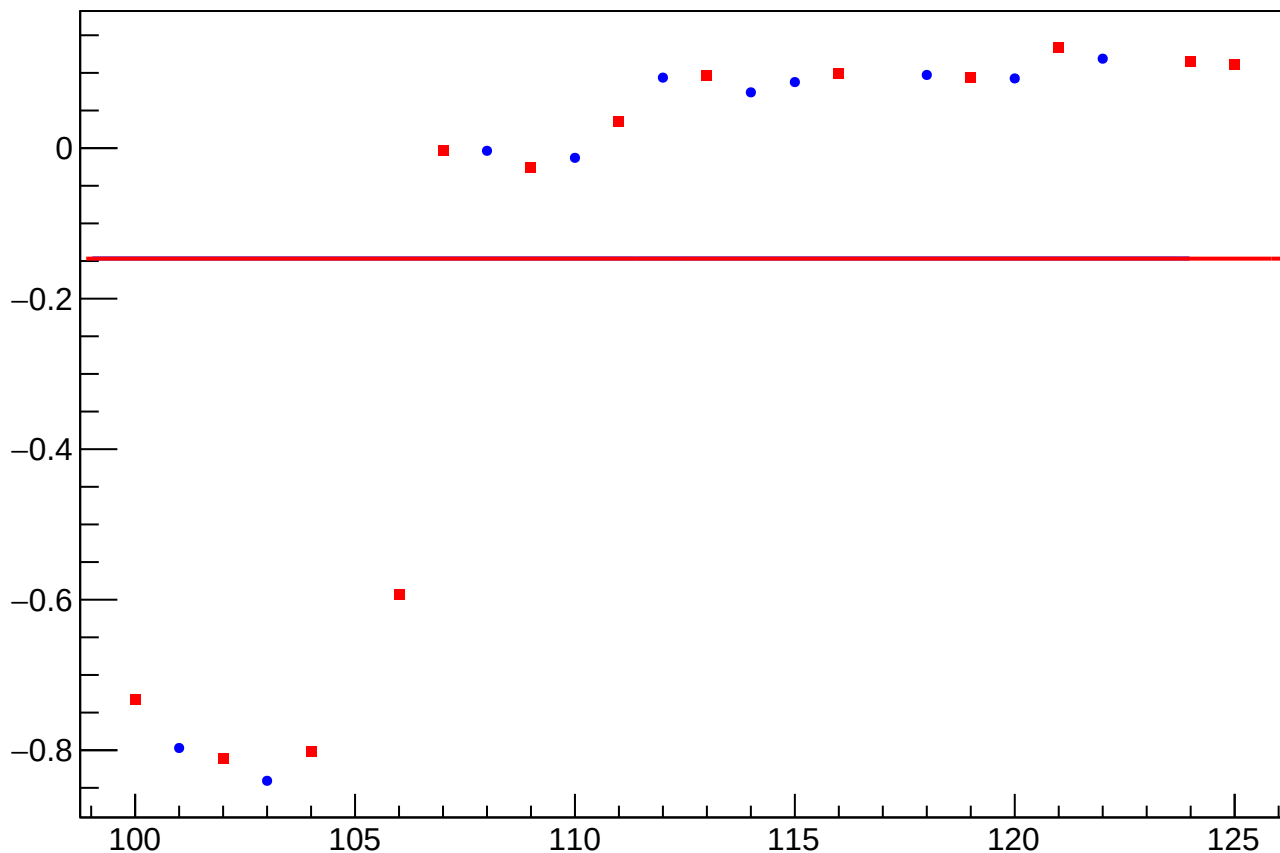
Right: 0.004+/-0.000 χ^2/NDF : 760811.9/22

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 : 760811.9/22

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: -0.147+/-0.000 χ^2/NDF : 5962649319.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

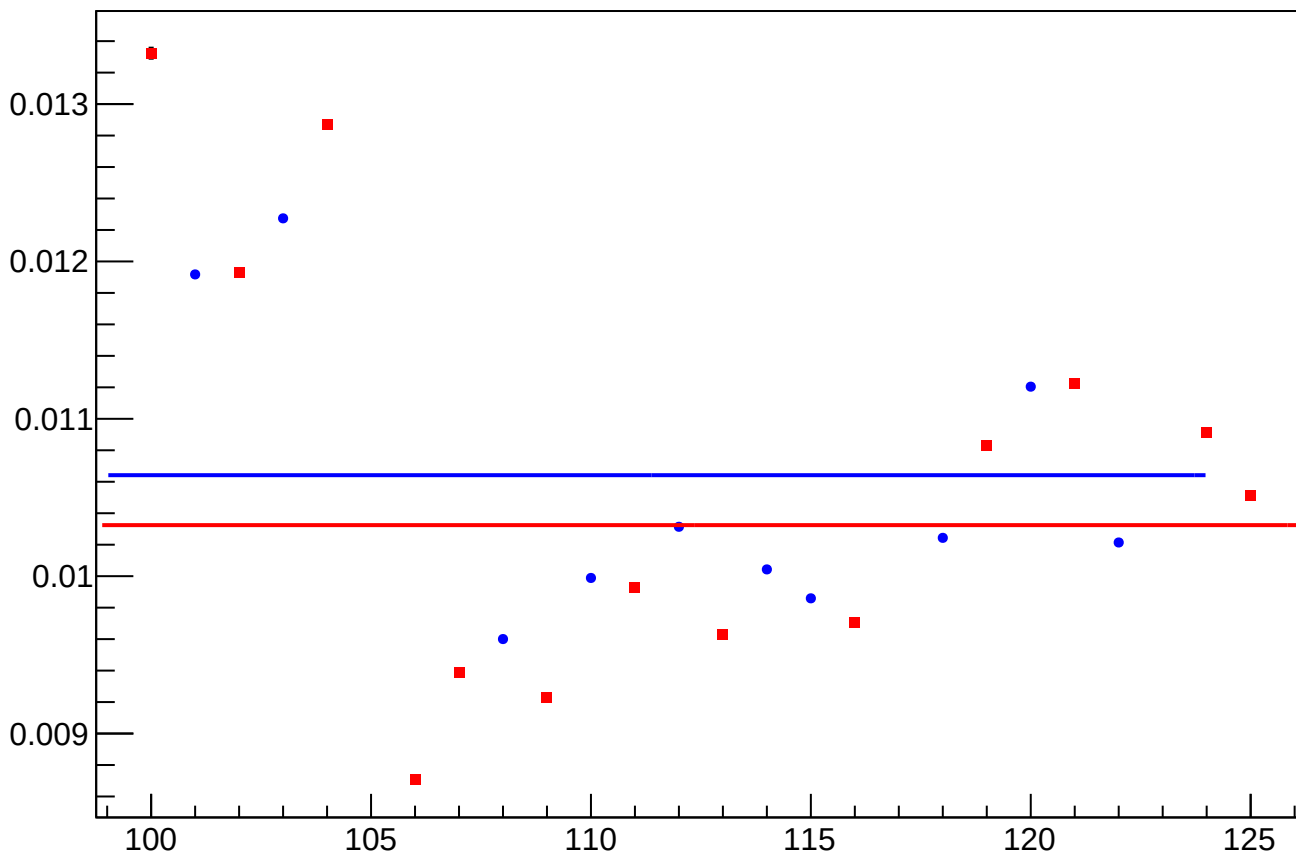
Right: -0.147+/-0.000 χ^2/NDF : 11133521125.1/22

In: -0.147+/-0.000 χ^2/NDF :5170870916.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.147+/-0.000 χ^2/NDF : 11133521125.1/22

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 : 131154.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

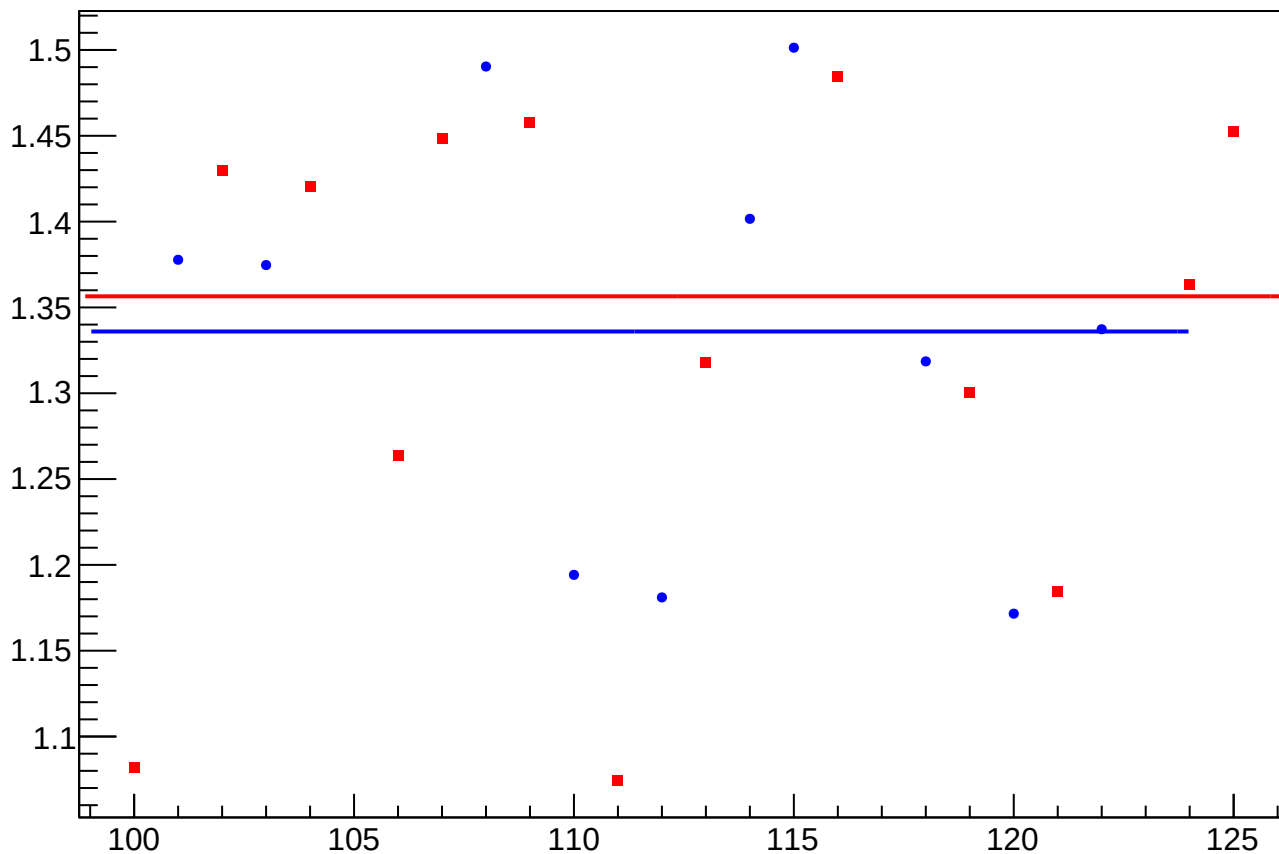
Right: 0.010+/-0.000 χ^2/NDF : 192376.5/22

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 : 192376.5/22

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.336+/-0.000 χ^2/NDF : 763036239.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.356+/-0.000 χ^2/NDF : 1371447715.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

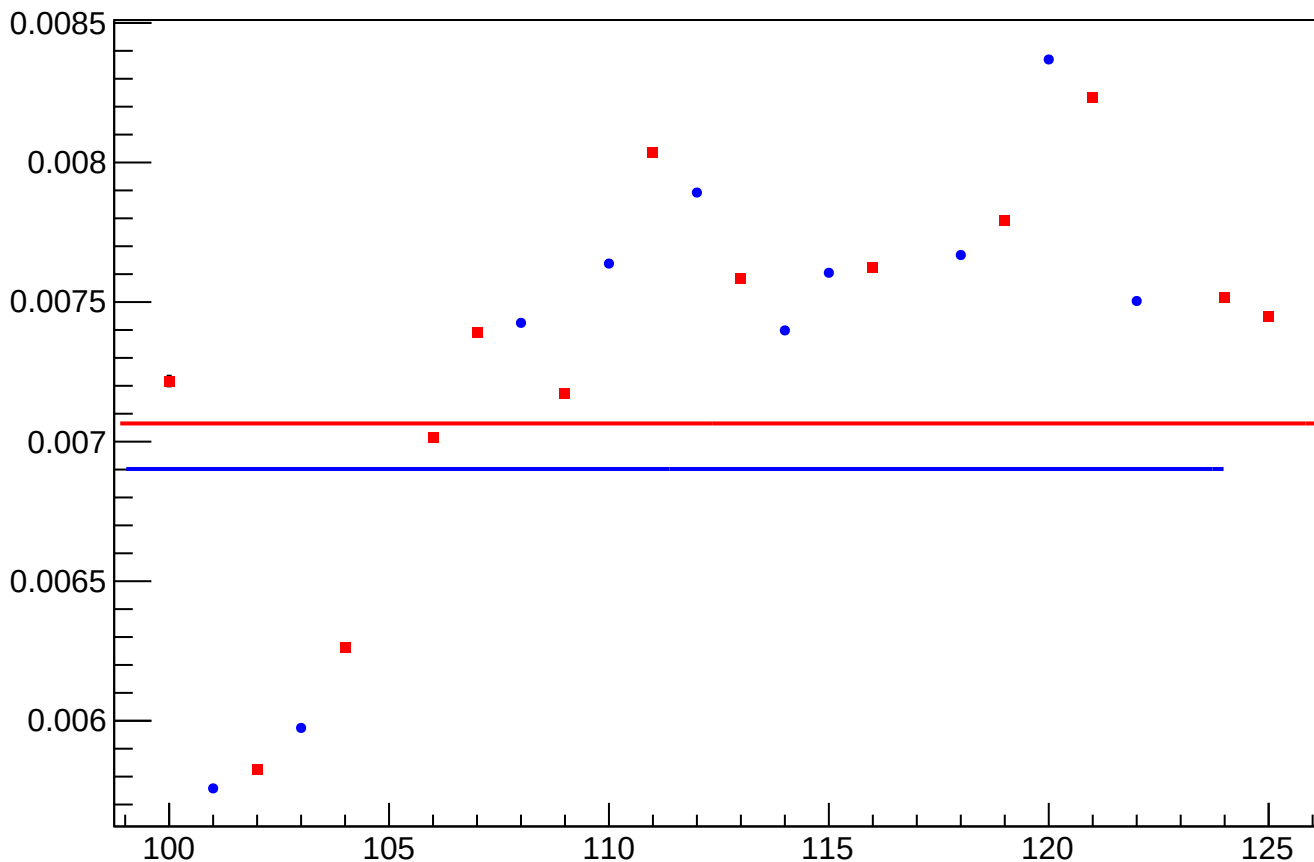
Right: 1.347+/-0.000 χ^2/NDF : 2153589186.8/22

In: 1.336+/-0.000 χ^2/NDF : 763036239.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.347+/-0.000 χ^2/NDF : 2153589186.8/22

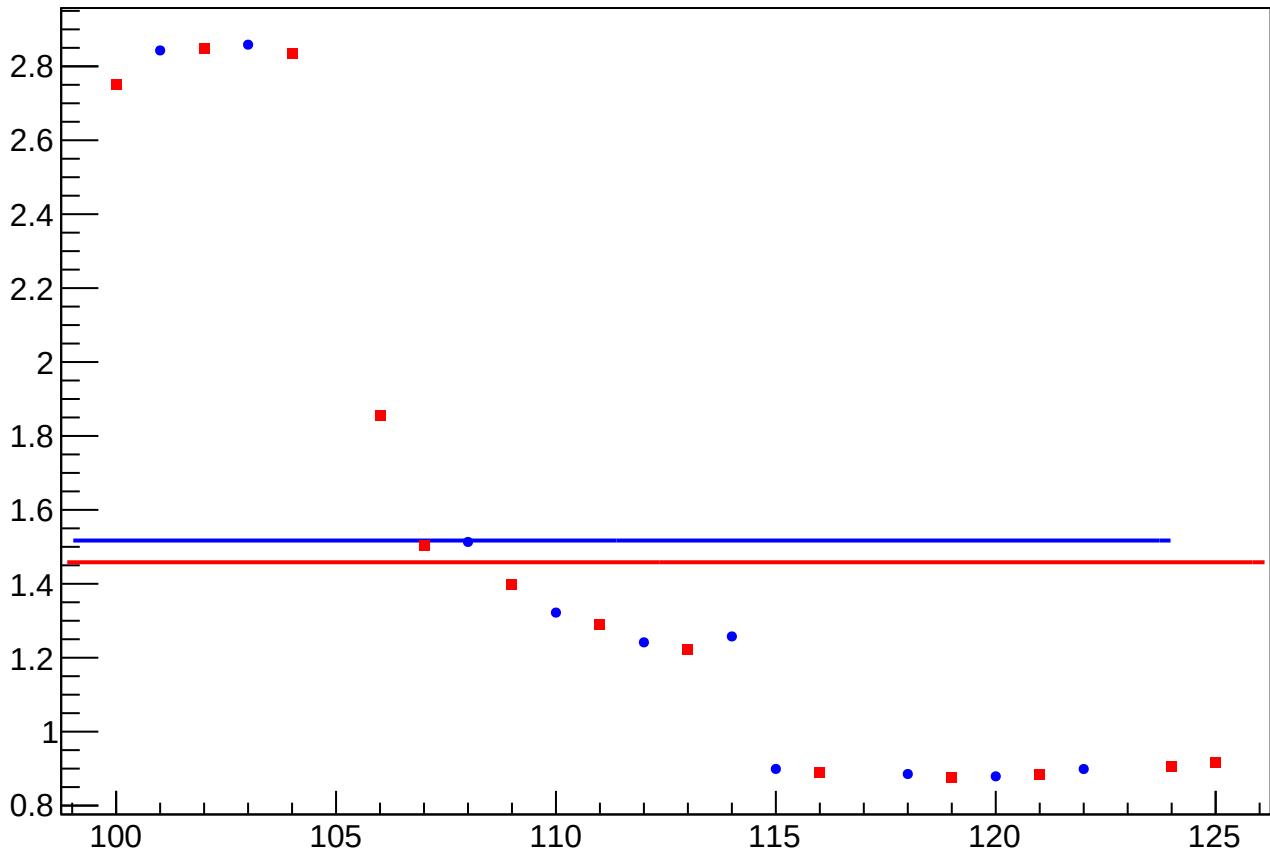
yield_bpm1i02Y_rms vs Slug, Sign Corrected



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 : 127357.9/12
 Left 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 : 277038.1/22
 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 : 277038.1/22

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: 1.458+/-0.000 χ^2/NDF : 48318676185.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

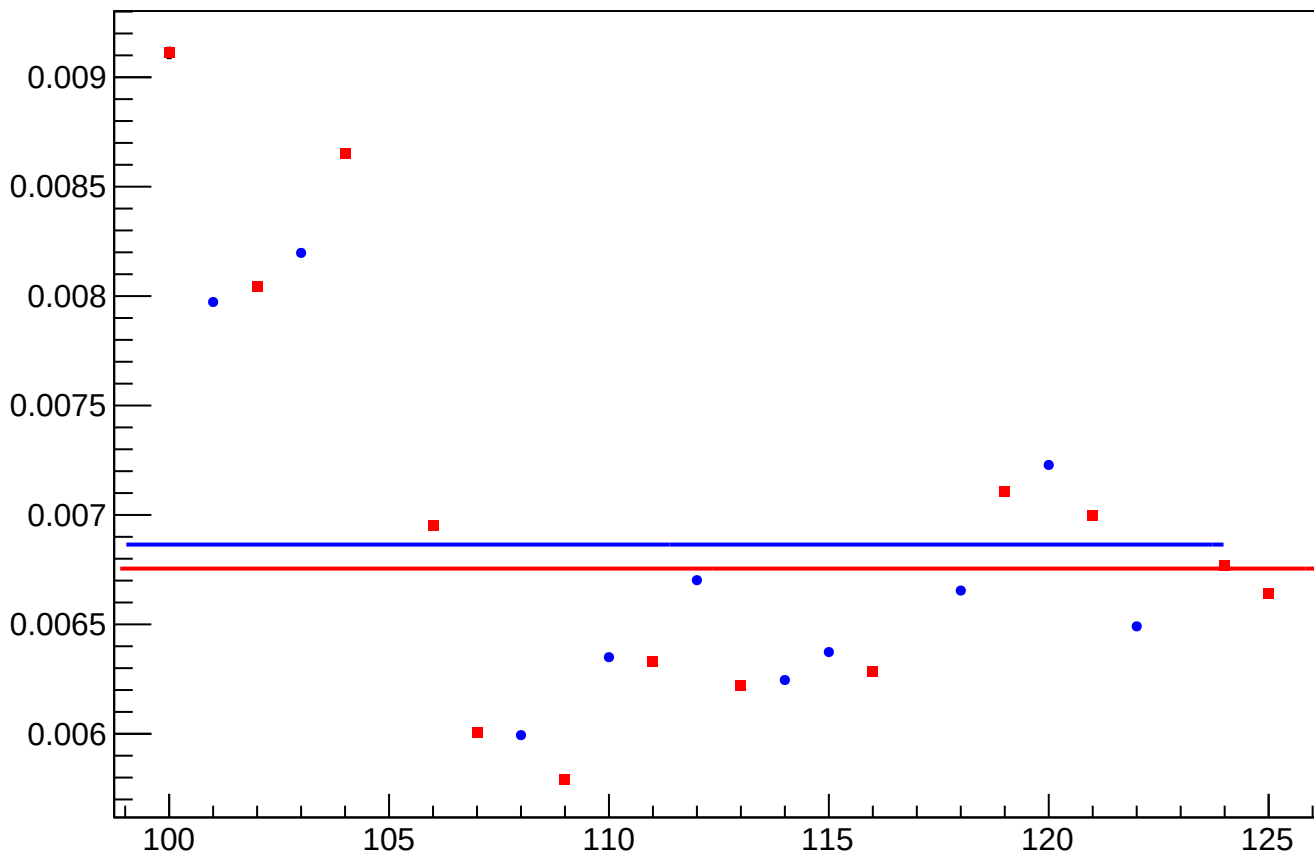
Right: 1.484+/-0.000 χ^2/NDF : 96706416283.9/22

In: 1.517+/-0.000 χ^2/NDF :48222581354.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.484+/-0.000 χ^2/NDF : 96706416283.9/22

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 : 148425.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

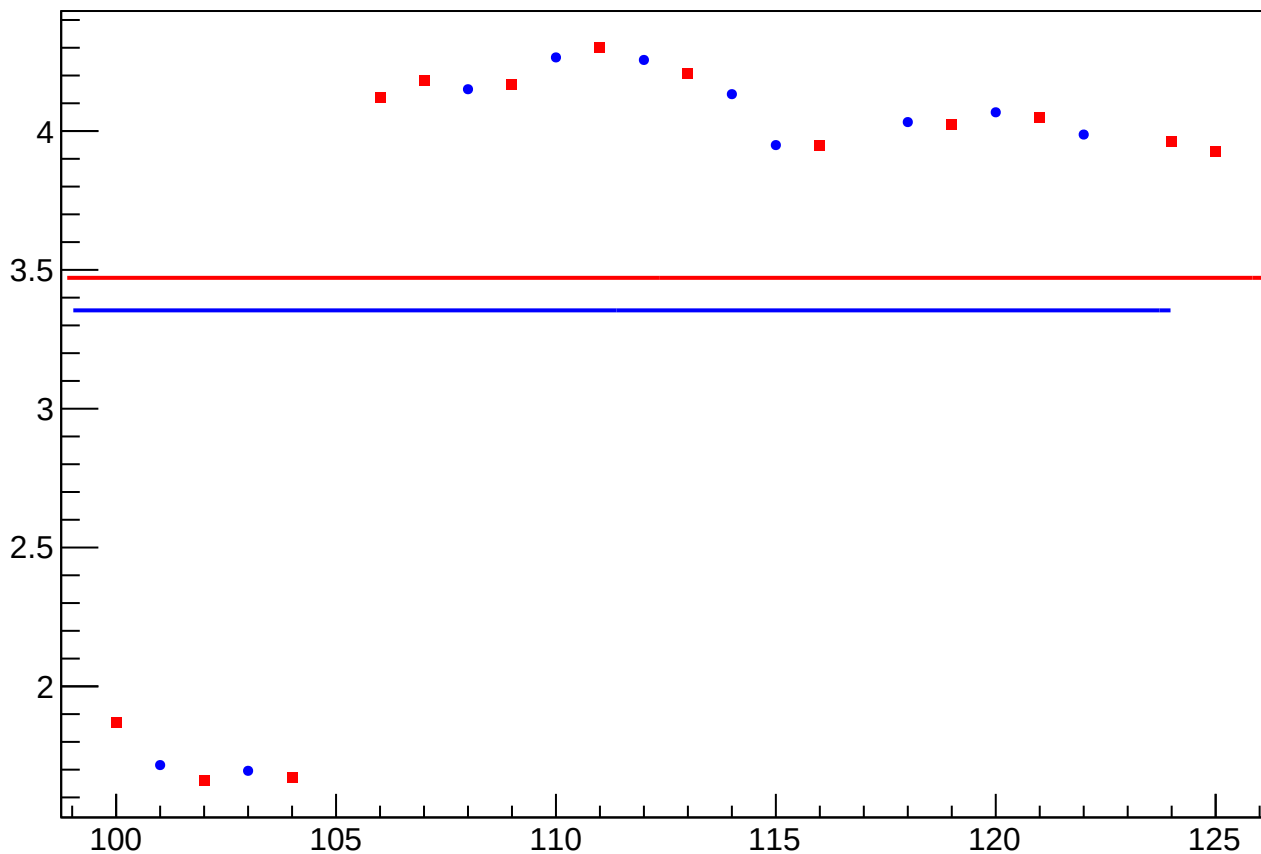
Right: 0.007+/-0.000 χ^2/NDF : 238260.1/22

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 : 238260.1/22

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: 3.418+/-0.000 χ^2/NDF : 378822824117.5/22

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: 3.471+/-0.000

χ^2/NDF : 197078325921.7/12

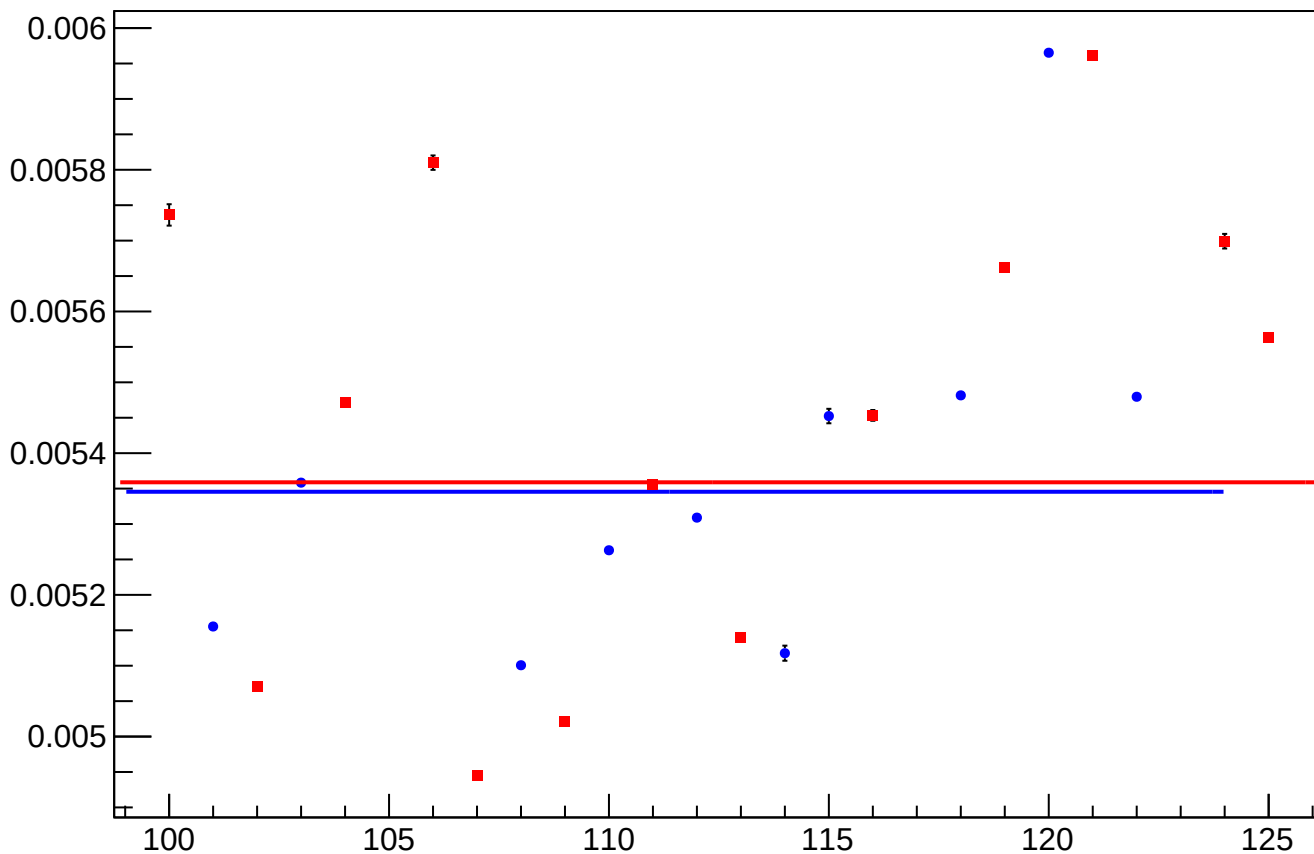
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 3.418+/-0.000 χ^2/NDF : 378822824117.5

yield_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 13085.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 31746.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

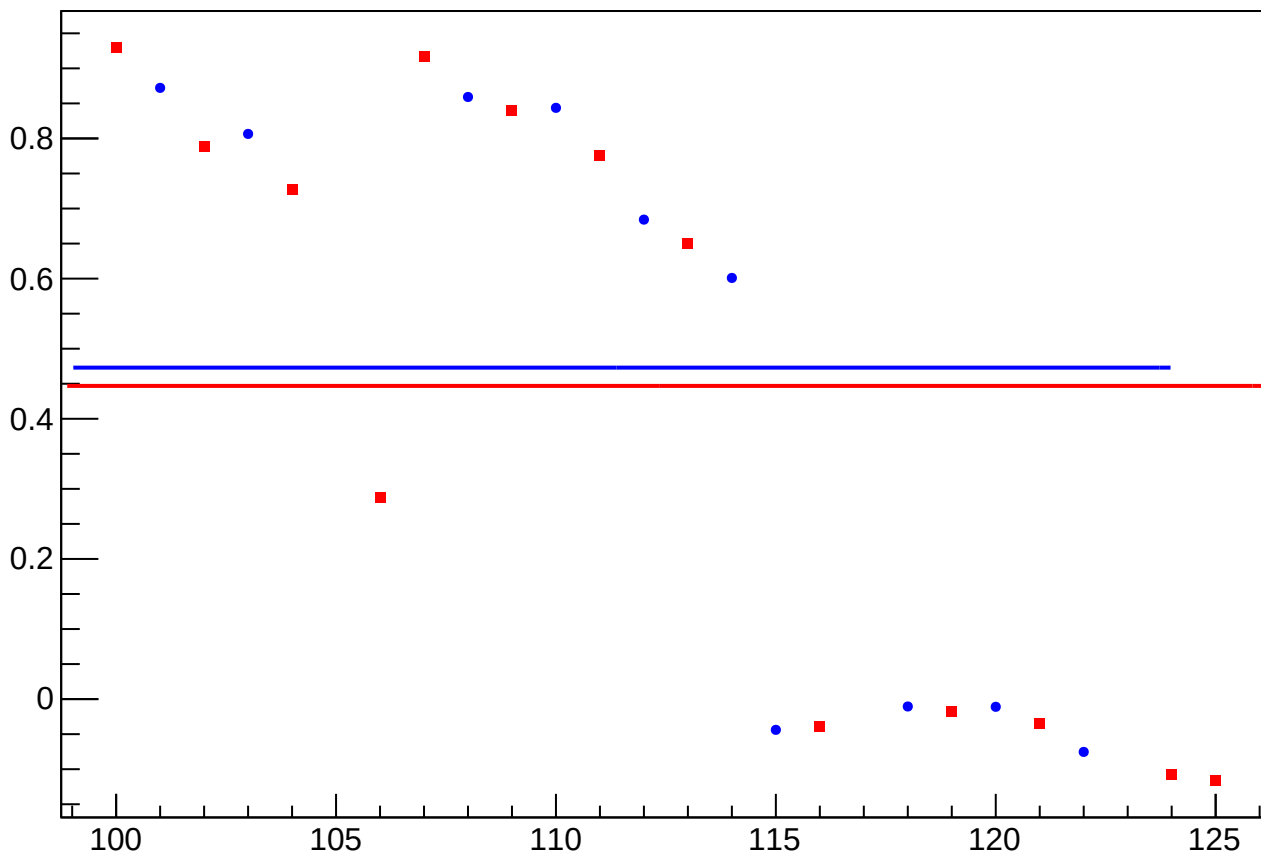
Right: 0.005+/-0.000 χ^2/NDF : 44859.1/22

In: 0.005+/-0.000 χ^2/NDF : 13085.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 44859.1/22

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.473+/-0.000

χ^2/NDF : 3464627997.7/9

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.459+/-0.000 χ^2/NDF : 7480124124.4/22

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.473+/-0.000 χ^2/NDF : 3464627997.7/9

Right Out: 0.447+/-0.000 χ^2/NDF : 4008020572.5/12

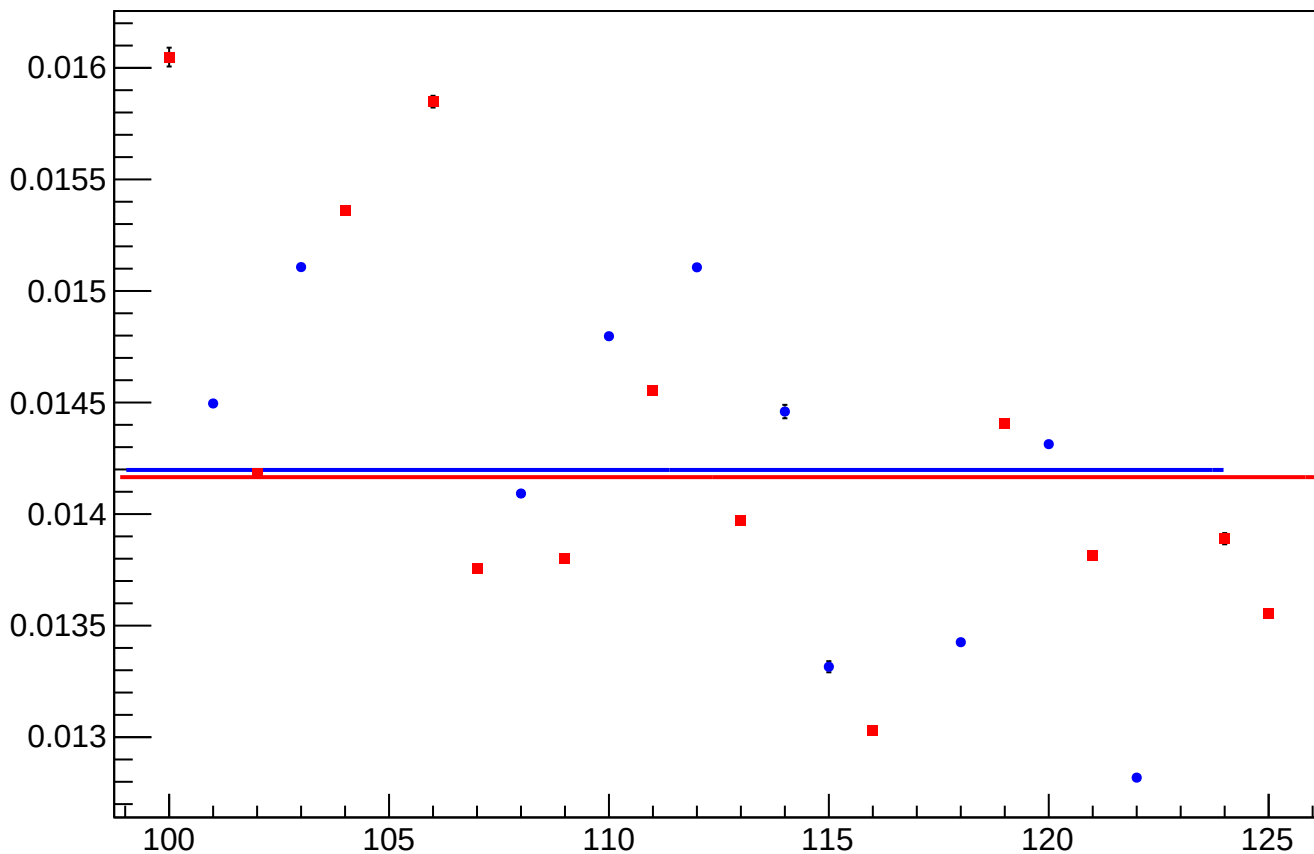
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.459+/-0.000 χ^2/NDF : 7480124124.4/22

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 : 20625.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

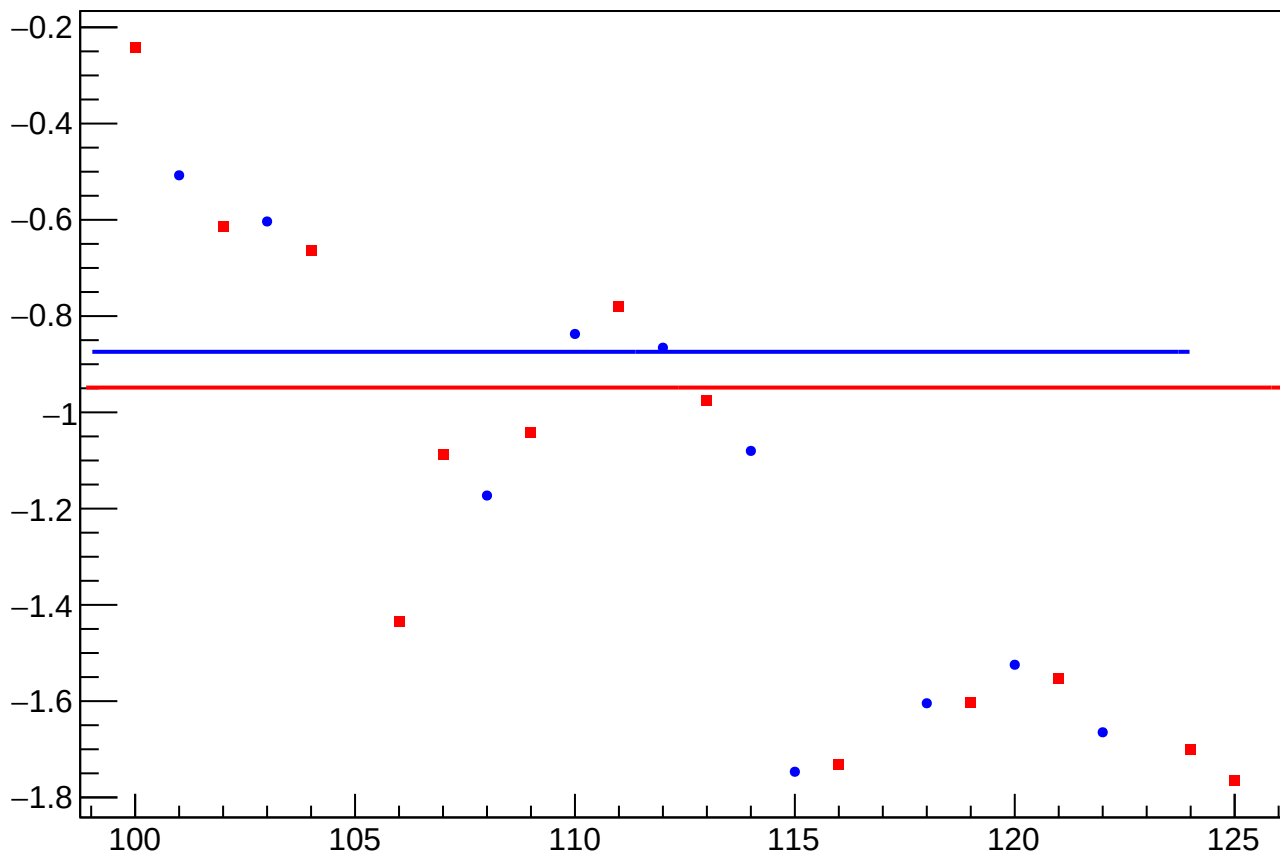
Right: 0.014+/-0.000 χ^2/NDF : 44655.6/22

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 : 44655.6/22

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: -0.948+/-0.000 χ^2/NDF : 27707224777.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

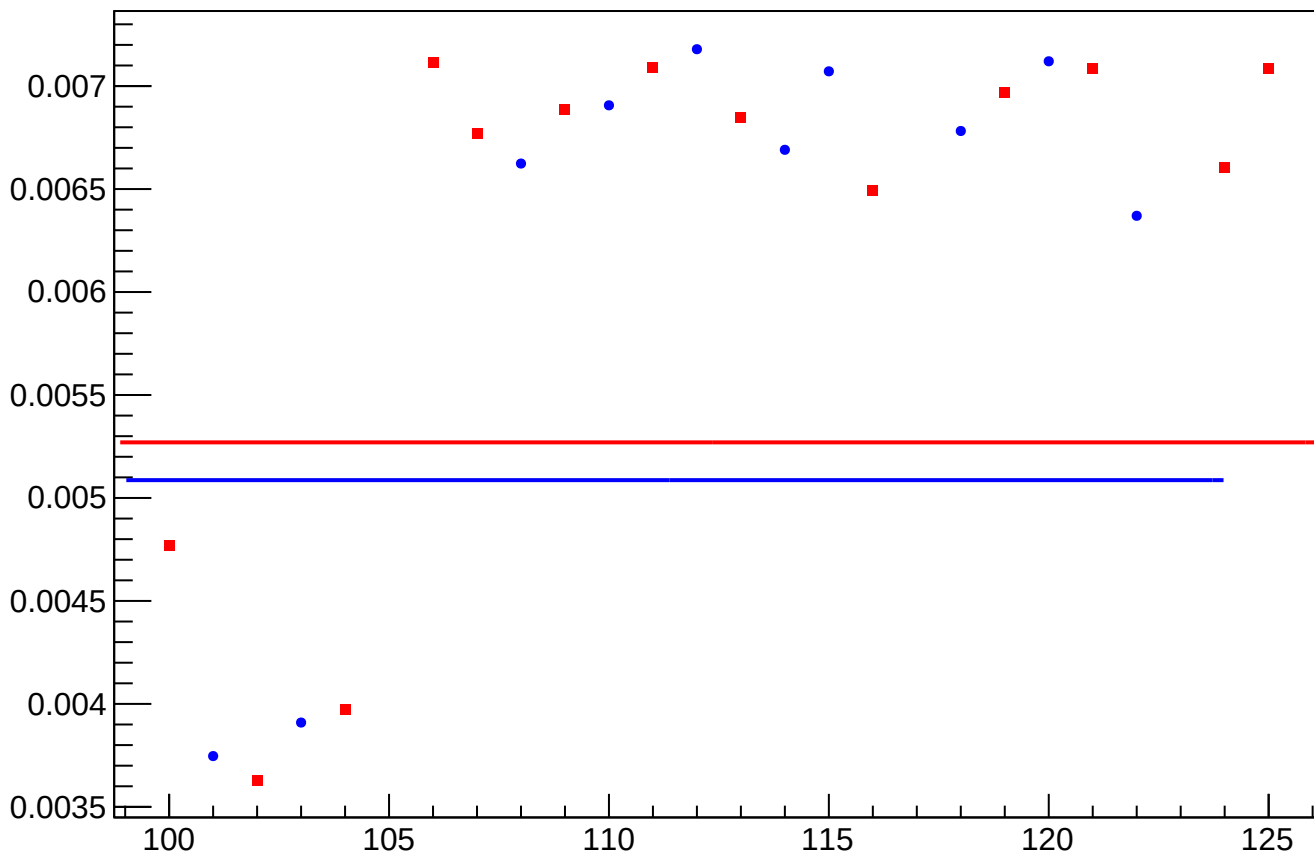
Right: -0.913+/-0.000 χ^2/NDF : 54260971749.6/22

In: -0.874+/-0.000 χ^2/NDF :26158497028.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.913+/-0.000 χ^2/NDF : 54260971749.6/22

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 : 746557.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

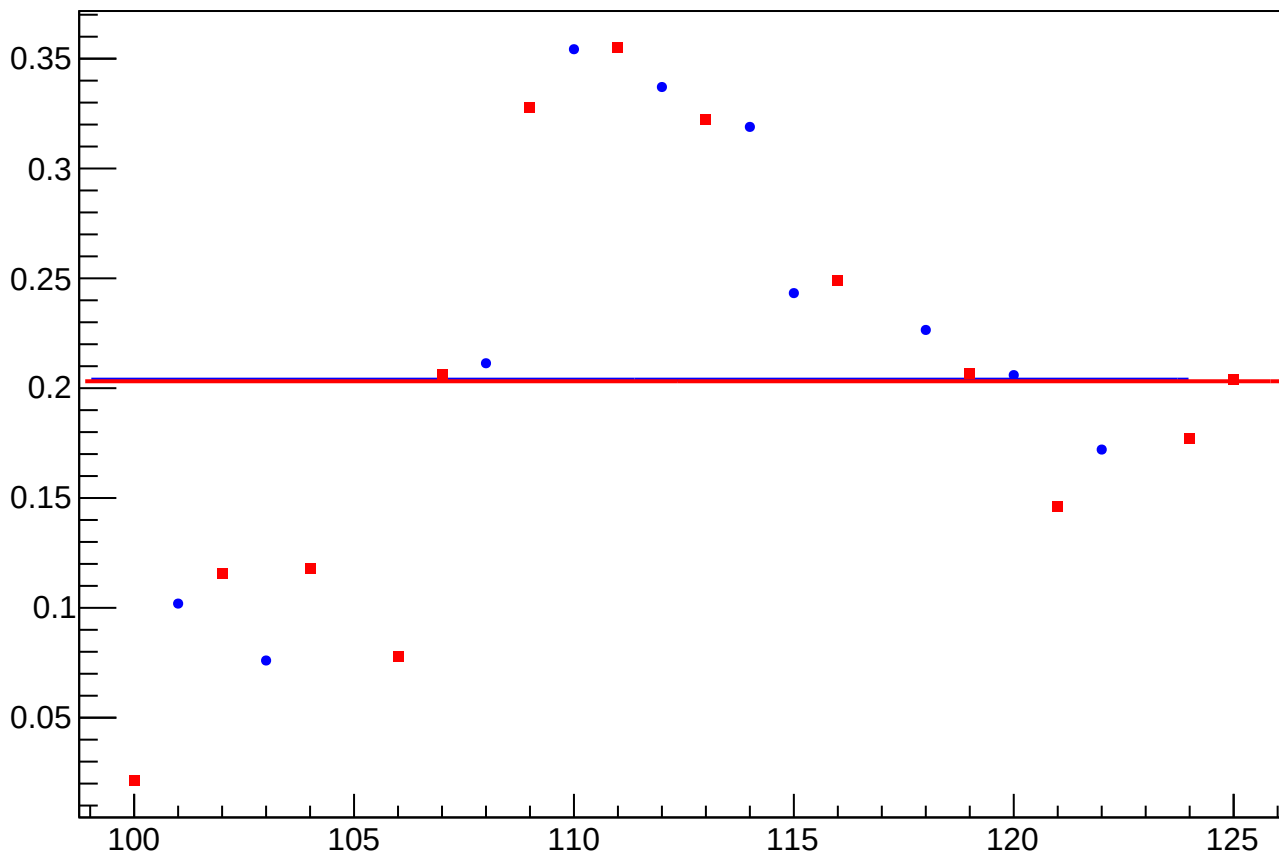
Right: 0.005+/-0.000 χ^2/NDF : 1354970.3/22

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 : 1354970.3/22

yield_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 0.204+/-0.000 χ^2/NDF : 14346841477.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.203+/-0.000 χ^2/NDF : 19996574164.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

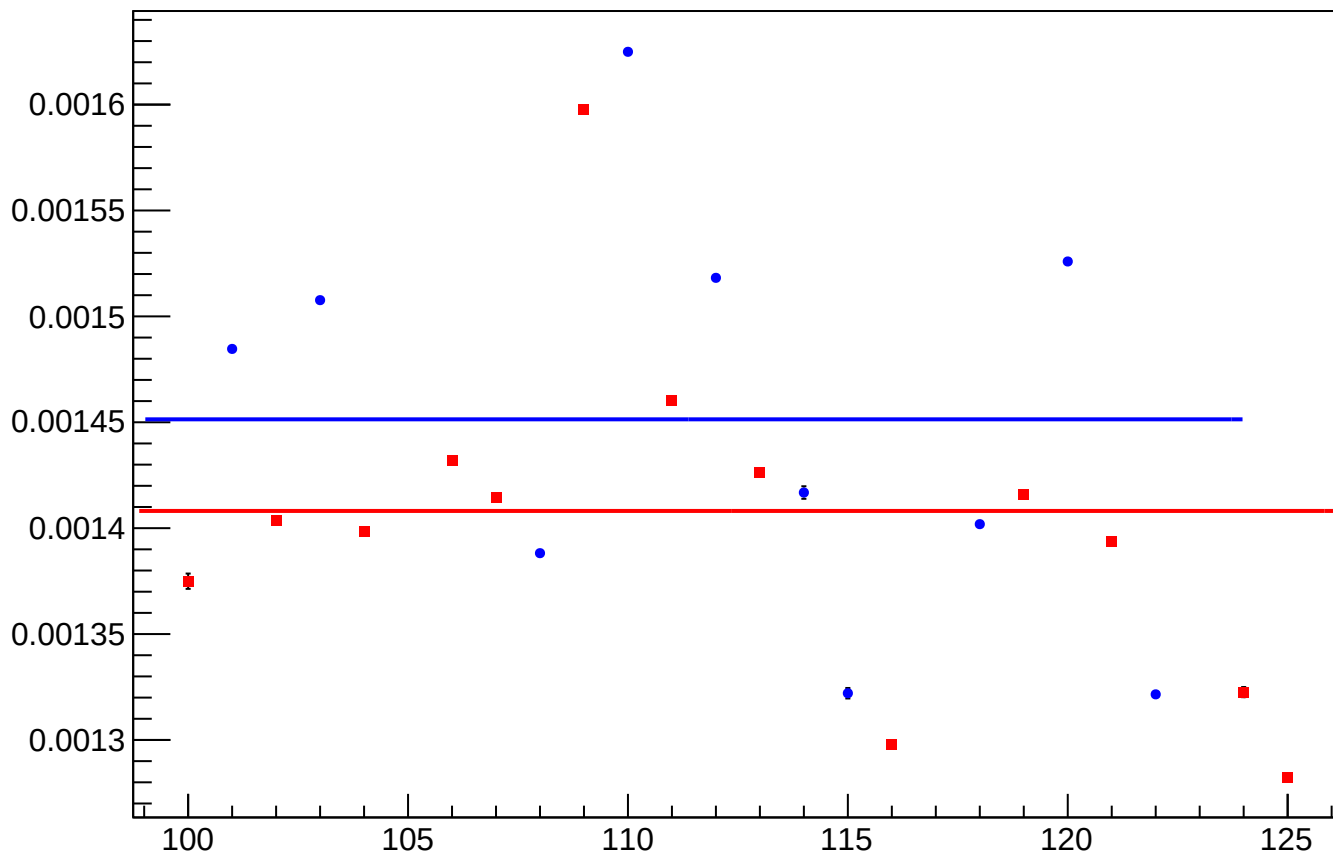
Right: 0.203+/-0.000 χ^2/NDF : 34343969655.8/22

In: 0.204+/-0.000 χ^2/NDF :14346841477.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.203+/-0.000 χ^2/NDF : 34343969655.8/22

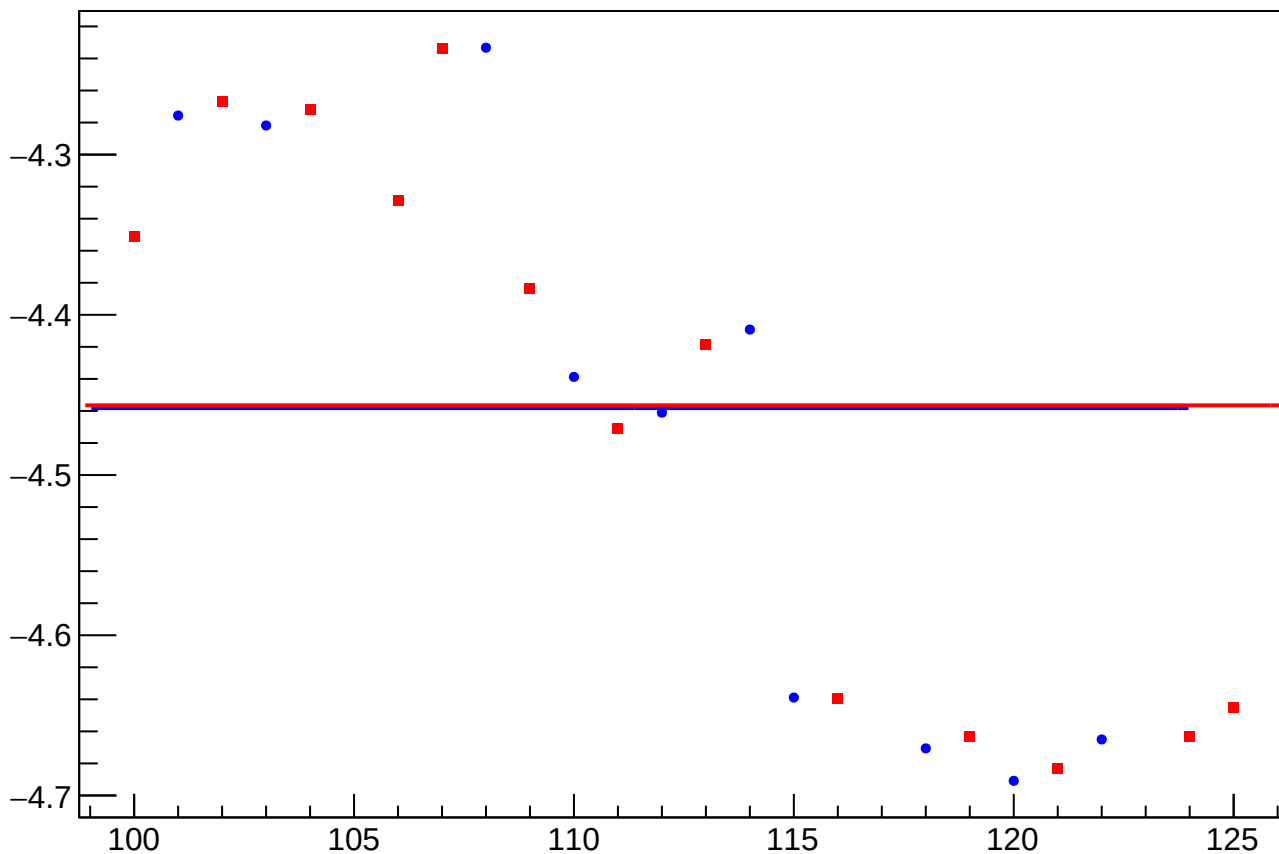
yield_bpm2i01X_rms vs Slug, Sign Corrected



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 : 27774.5/12
 Left 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 : 58755.7/22
 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 : 58755.7/22

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: -4.457+/-0.000 χ^2/NDF : 44508423498.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

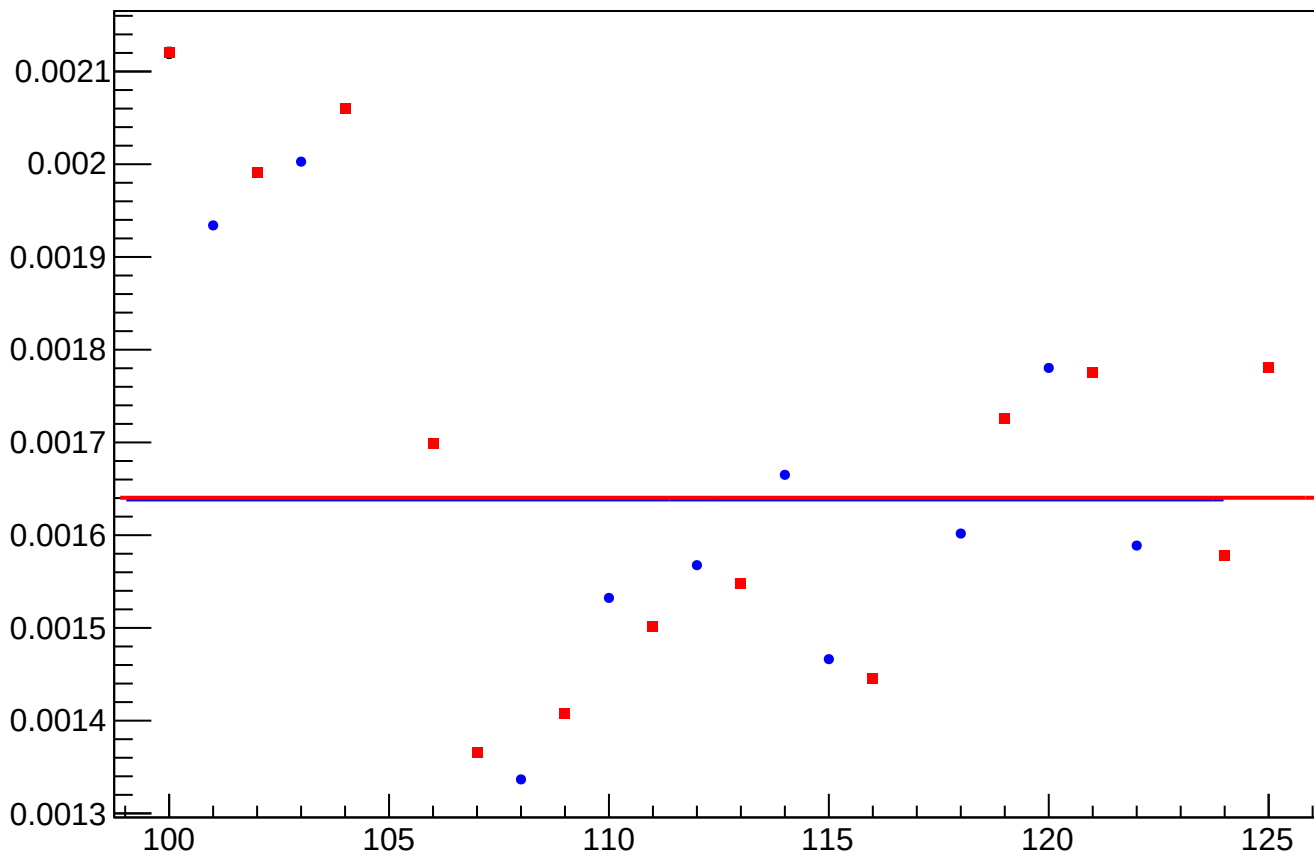
Right: -4.457+/-0.000 χ^2/NDF : 89815399750.2/22

In: -4.458+/-0.000 χ^2/NDF : 45304616623.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.457+/-0.000 χ^2/NDF : 89815399750.2/22

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 : 170828.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

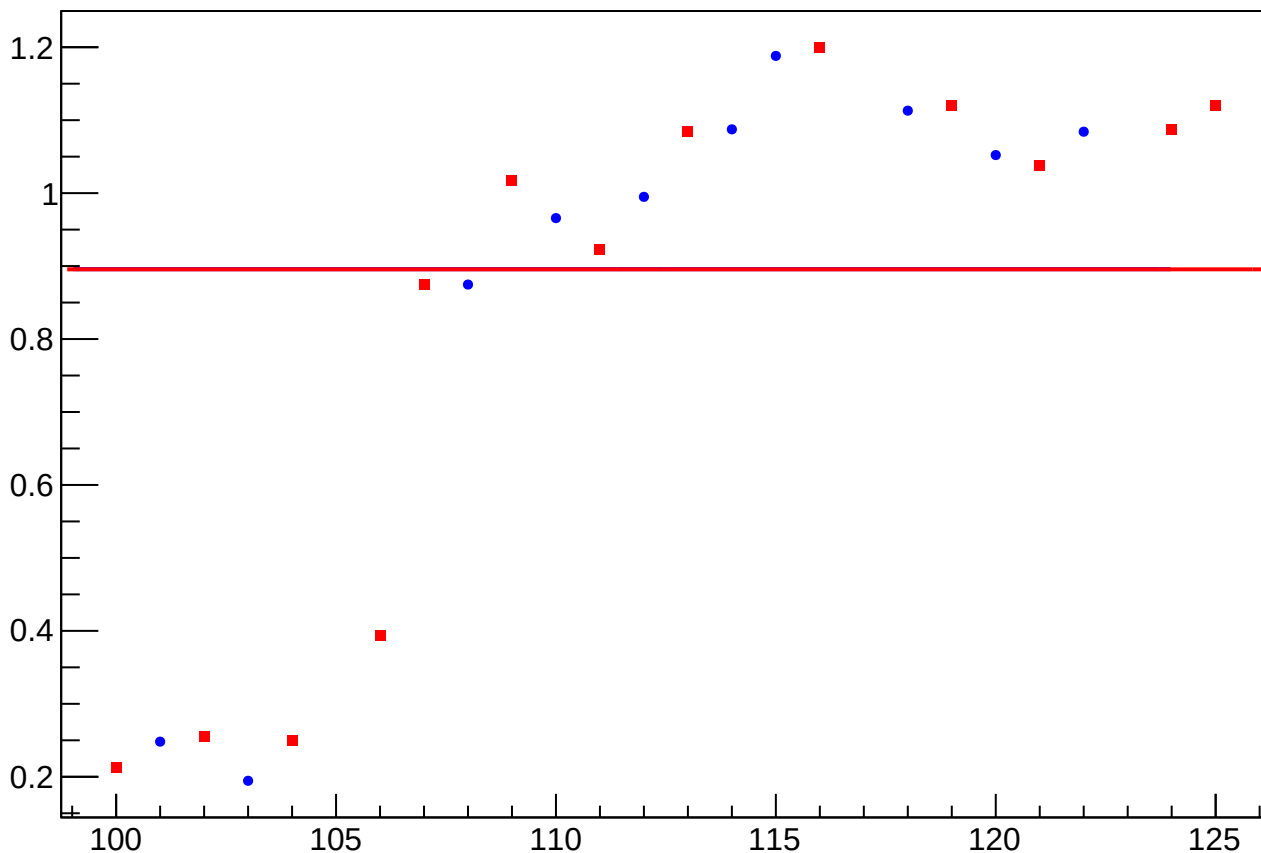
Right: 0.002+/-0.000 χ^2/NDF : 295605.1/22

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 : 295605.1/22

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

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.896+/-0.000

χ^2/NDF : 22452401587.1/22

Right Out: 0.896+/-0.000

χ^2/NDF : 12894070675.2/12

In: 0.896+/-0.000

χ^2/NDF : 9558327697.6/9

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

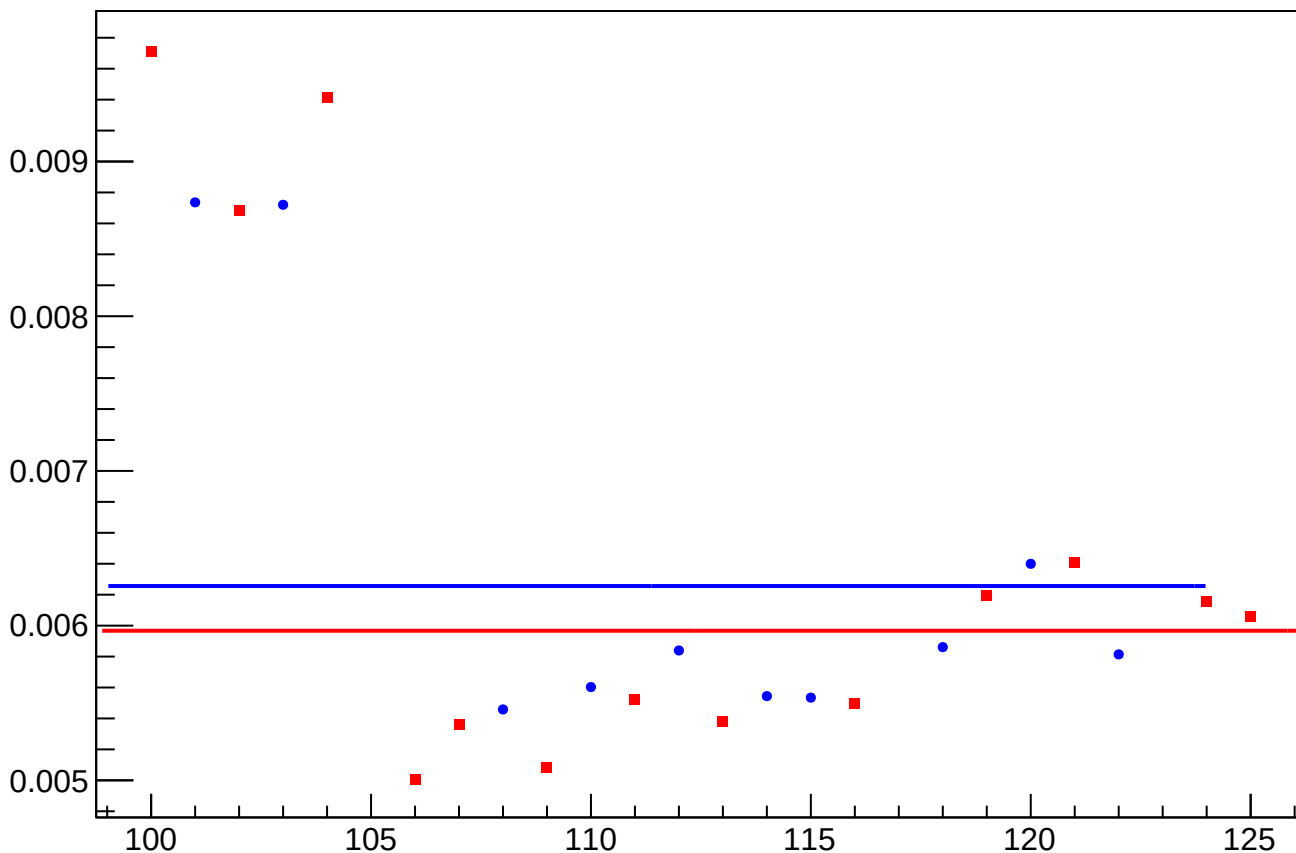
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.896+/-0.000

χ^2/NDF : 22452401587.1/22

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 : 377354.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

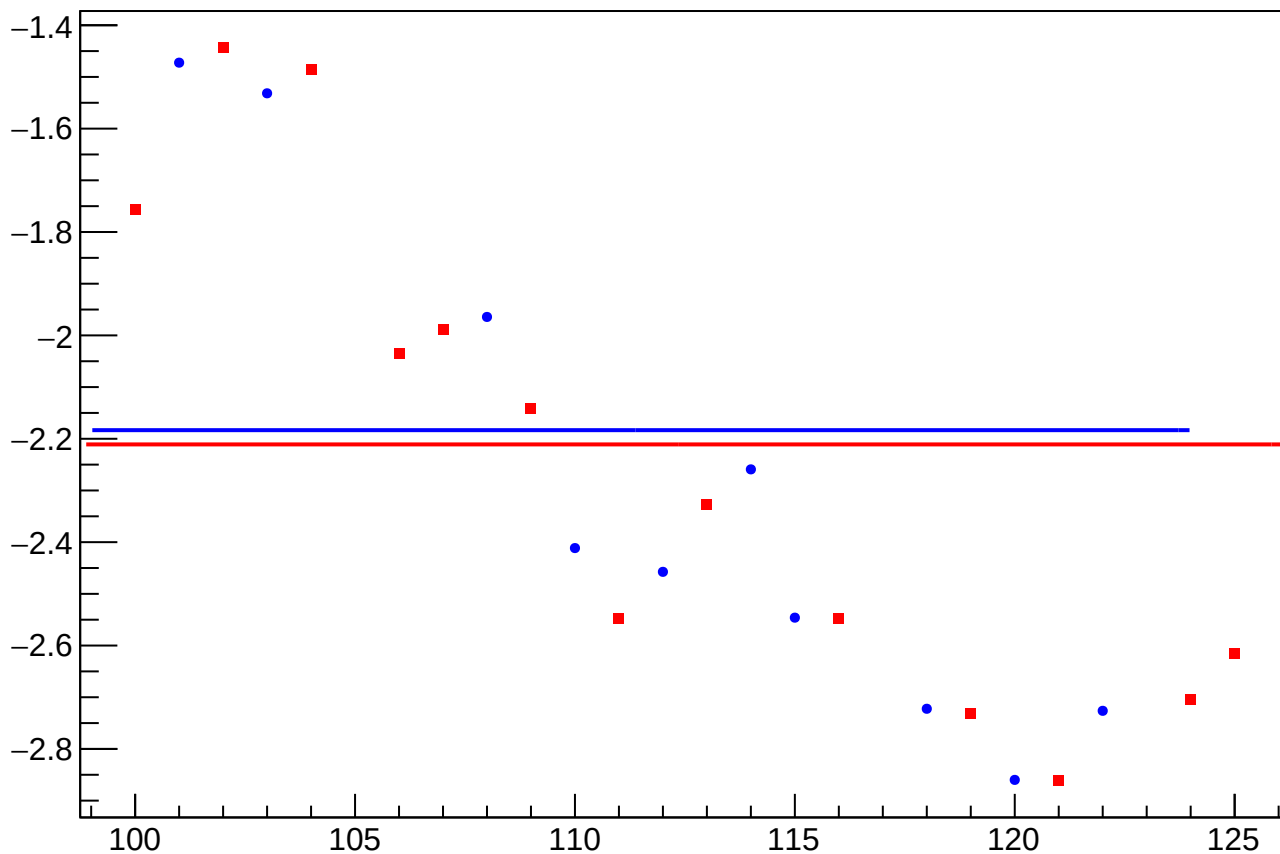
Right: 0.006+/-0.000 χ^2/NDF : 638088.4/22

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 : 638088.4/22

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: -2.211+/-0.000 χ^2/NDF : 35687119465.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

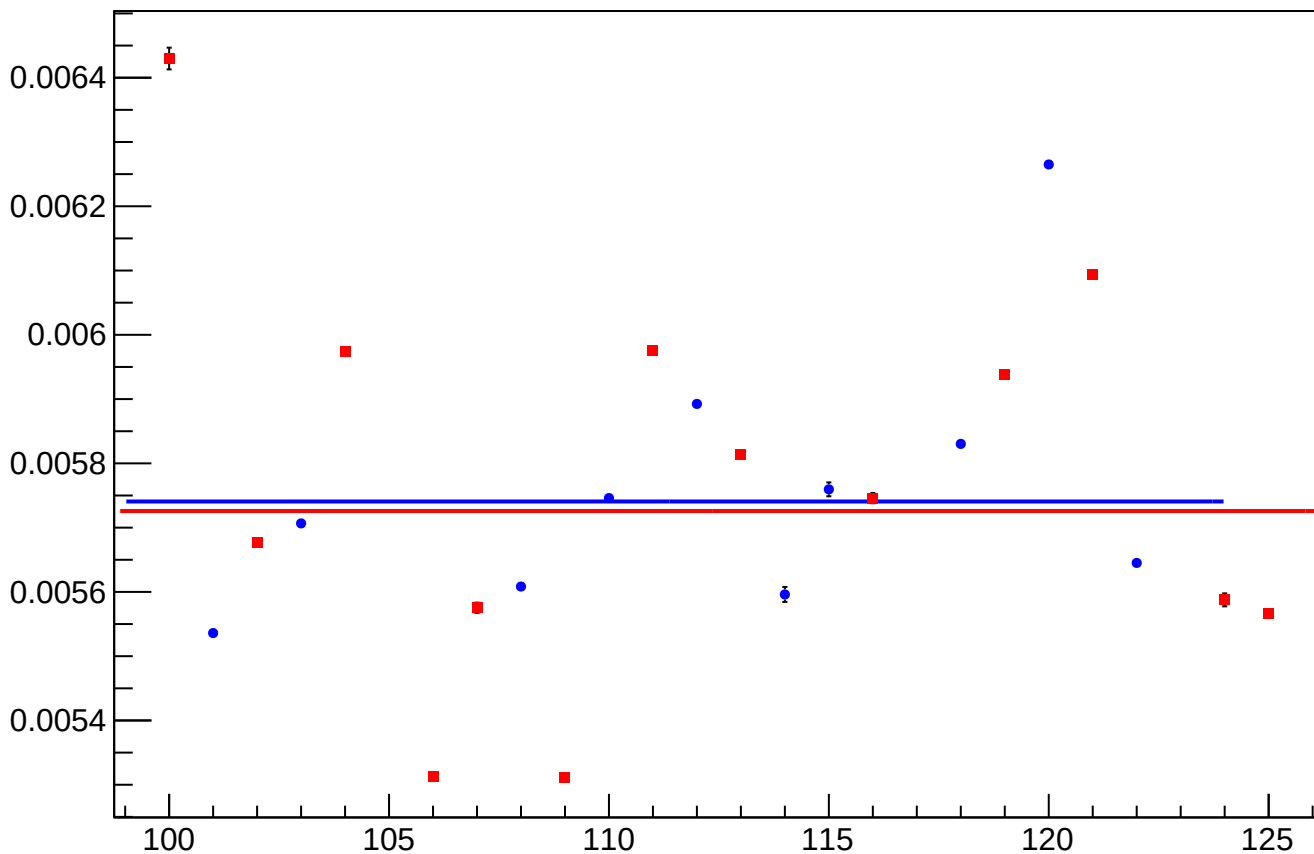
Right: -2.199+/-0.000 χ^2/NDF : 69696722383.6/22

In: -2.183+/-0.000 χ^2/NDF :33957547956.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.199+/-0.000 χ^2/NDF : 69696722383.6/22

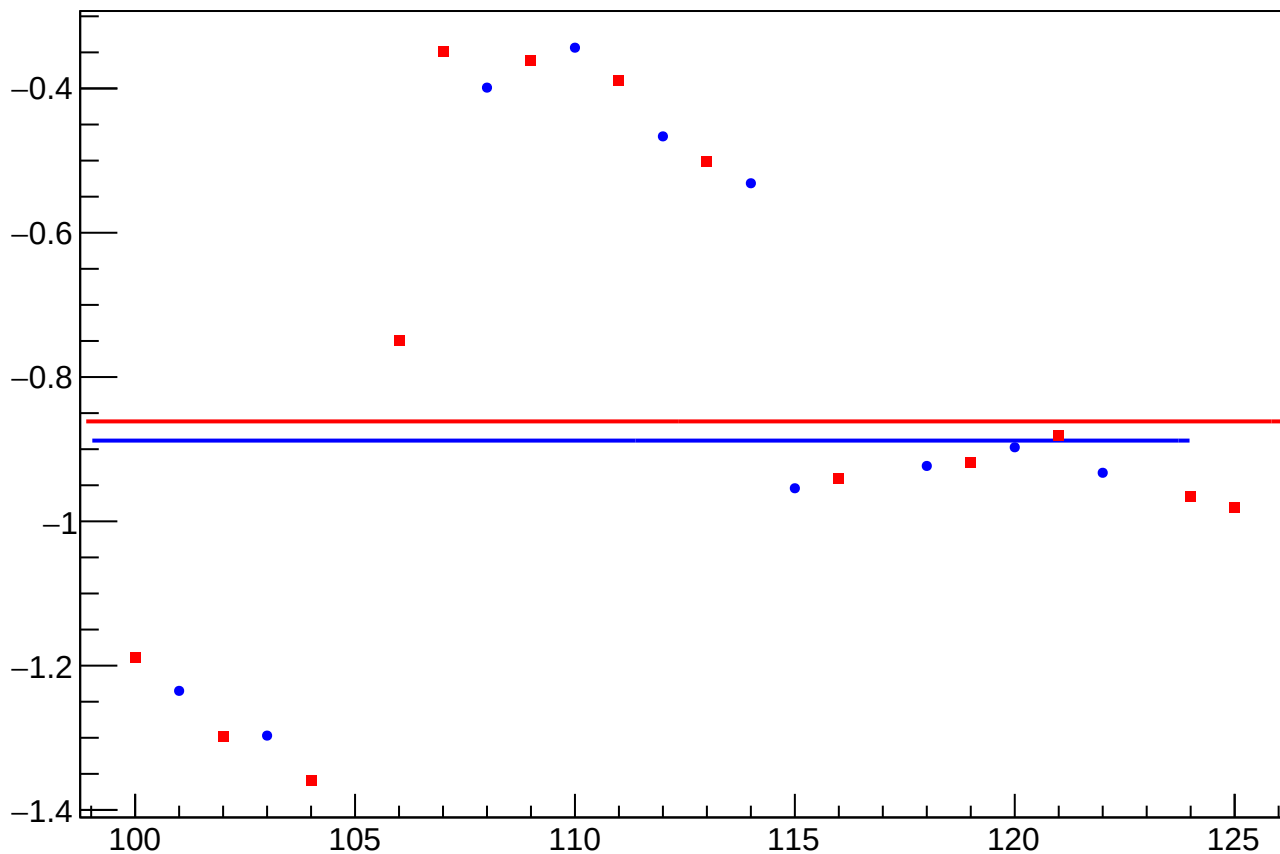
yield_bpm2i02Y_rms vs Slug, Sign Corrected



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 : 21656.5/12
Left 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 : 30149.5/22
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 : 30149.5/22

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: -0.861 ± 0.000 $\chi^2/\text{NDF}: 5710694528.4/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

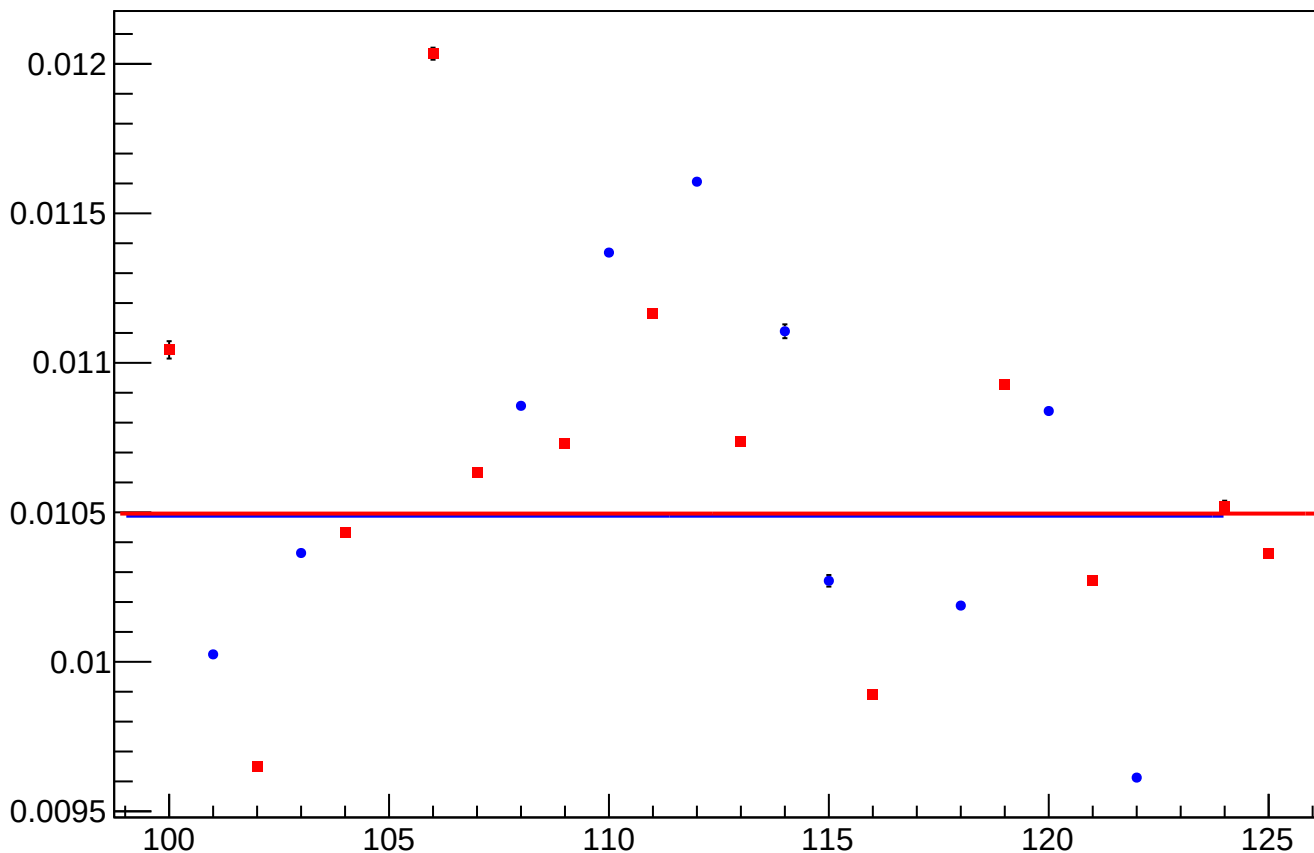
Right: -0.874 ± 0.000 $\chi^2/\text{NDF}: 9829472304.4/22$

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: -0.874 ± 0.000 $\chi^2/\text{NDF}: 9829472304.4/22$

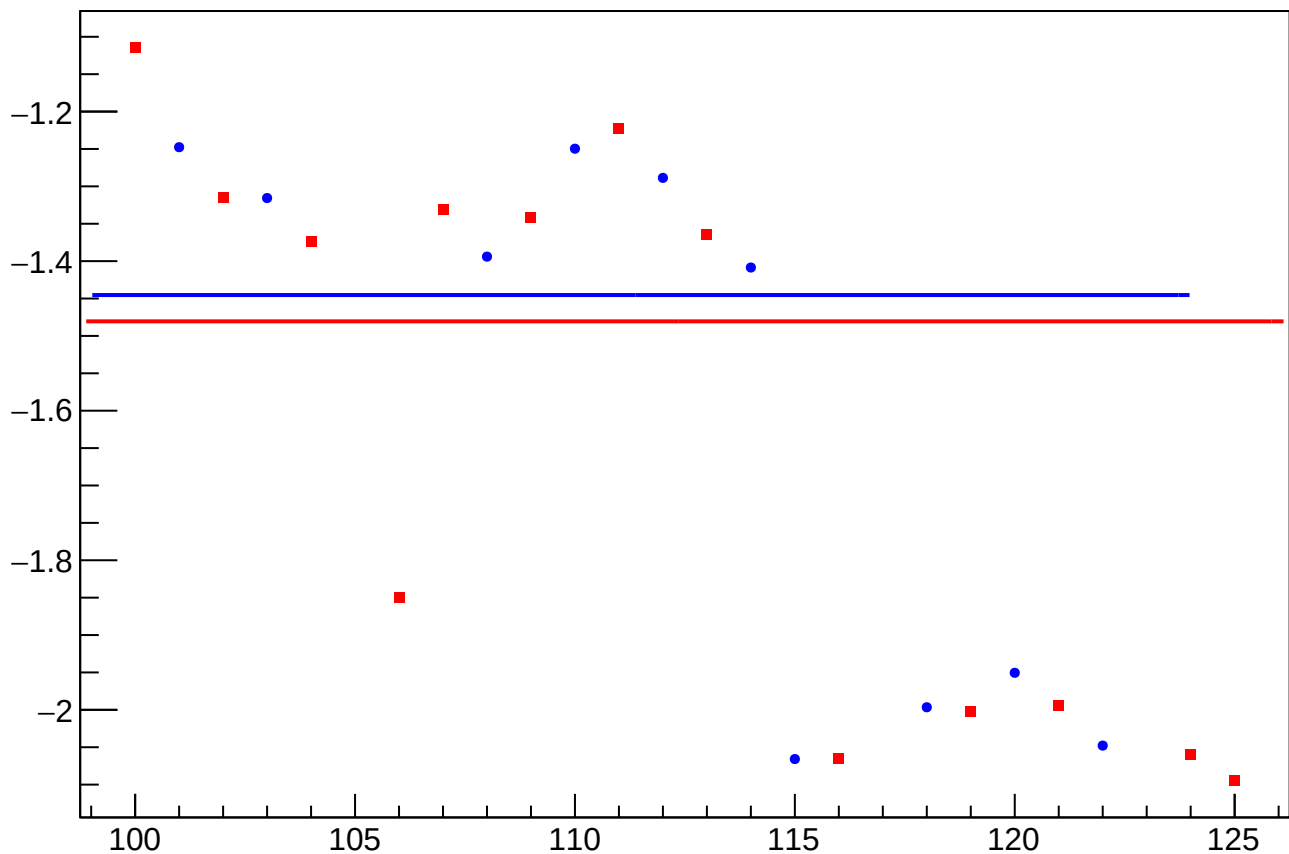
yield_bpm0i01X_rms vs Slug, Sign Corrected



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: 0.010+/-0.000 χ^2/NDF : 24658.3/12
 Left 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 : 51110.3/22
 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 : 51110.3/22

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: -1.481+/-0.000 χ^2/NDF : 68931956980.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

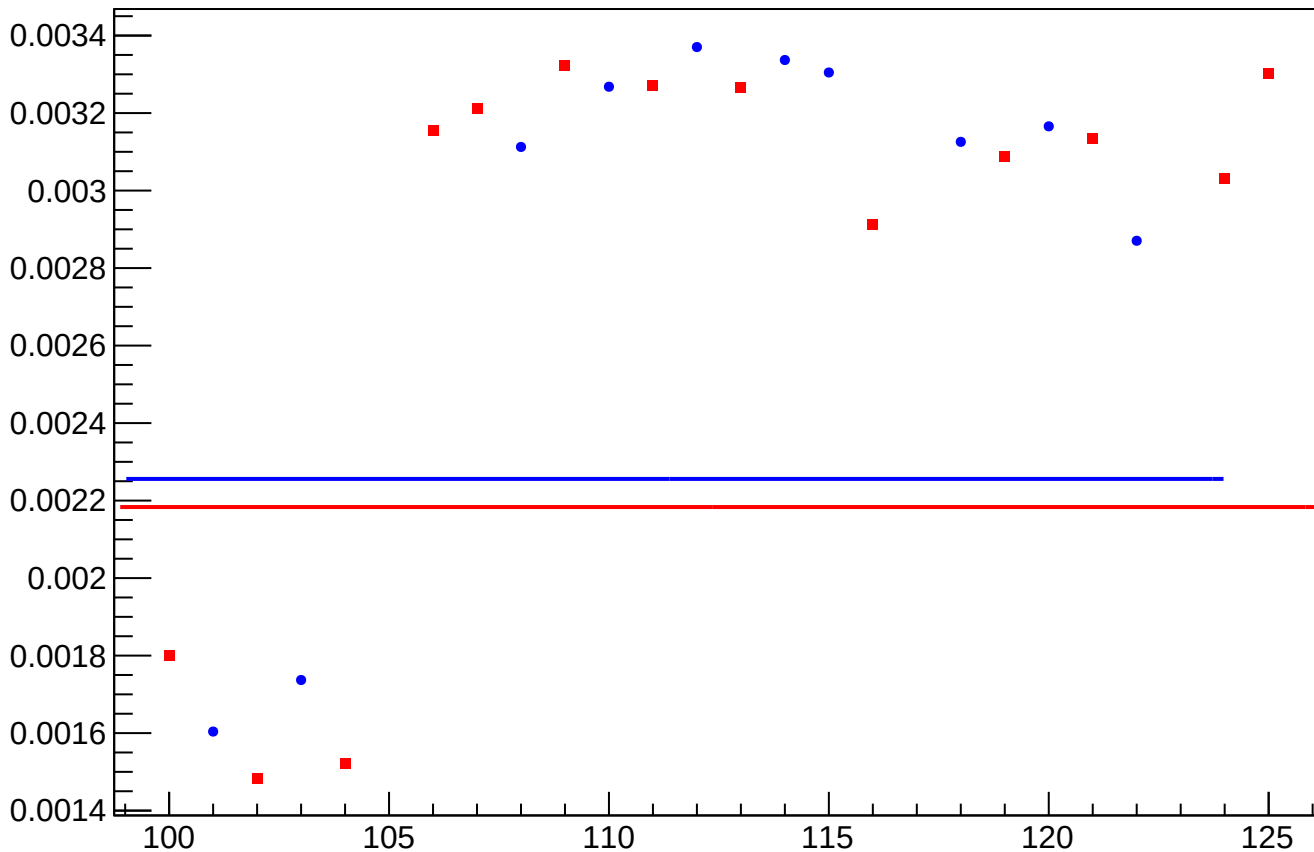
Right: -1.465+/-0.000 χ^2/NDF : 128775596956.3/22

In: -1.445+/-0.000 χ^2/NDF :59395481842.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.465+/-0.000 χ^2/NDF : 128775596956.3

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 : 1096677.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

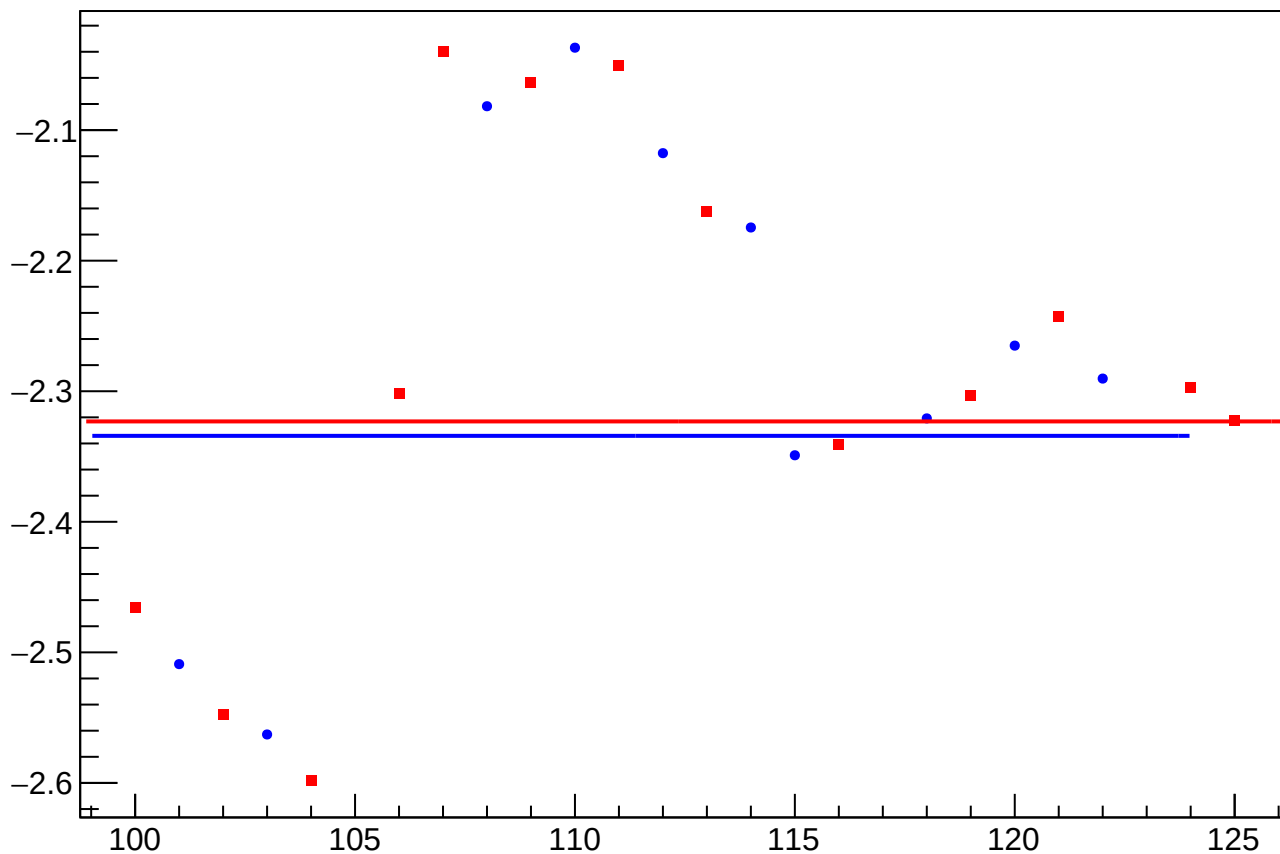
Right: 0.002+/-0.000 χ^2/NDF : 1813972.3/22

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 : 1813972.3/22

yield_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: -2.334+/-0.000 χ^2/NDF : 3214639354.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.323+/-0.000 χ^2/NDF : 4522991092.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

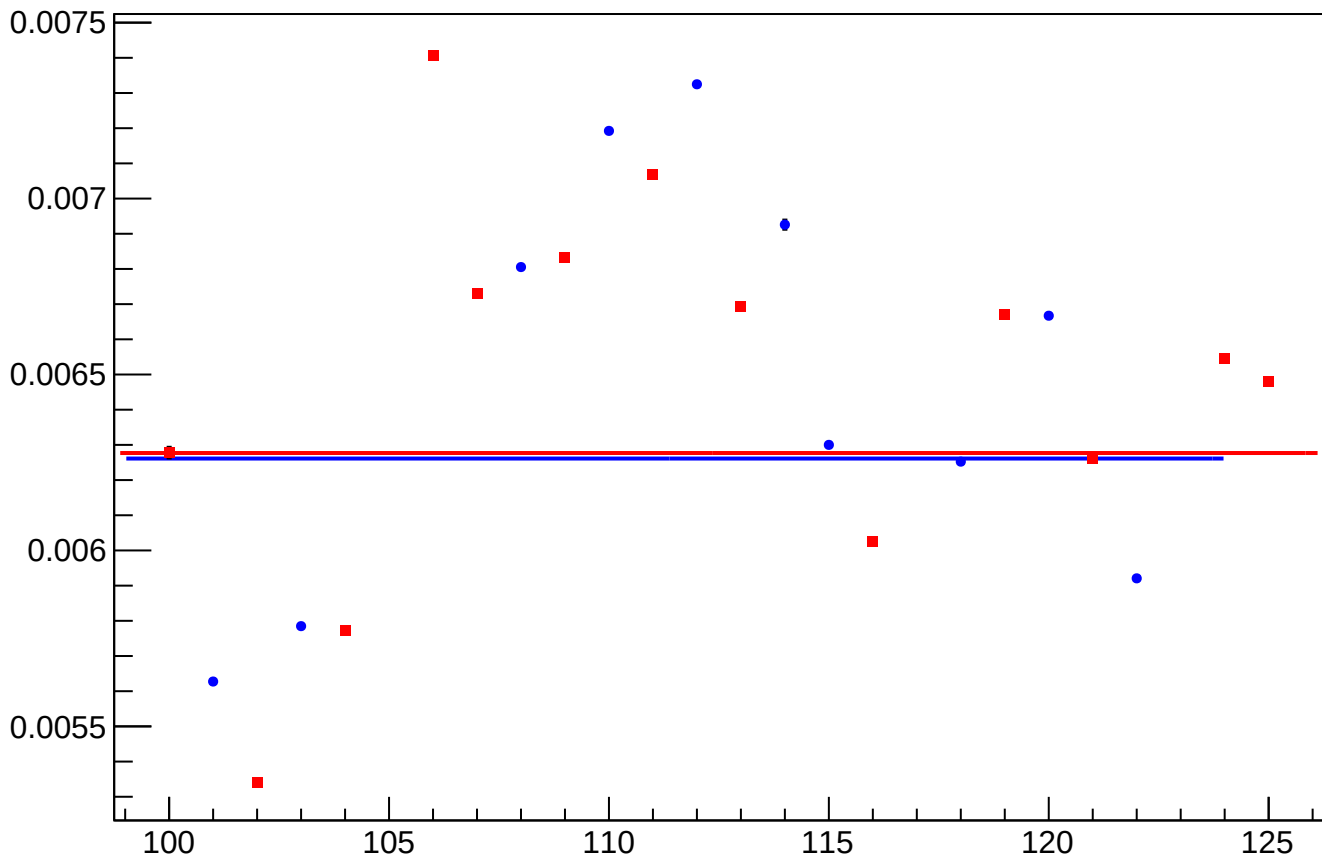
Right: -2.328+/-0.000 χ^2/NDF : 7744313522.9/22

In: -2.334+/-0.000 χ^2/NDF :3214639354.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.328+/-0.000 χ^2/NDF : 7744313522.9/22

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 : 85263.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

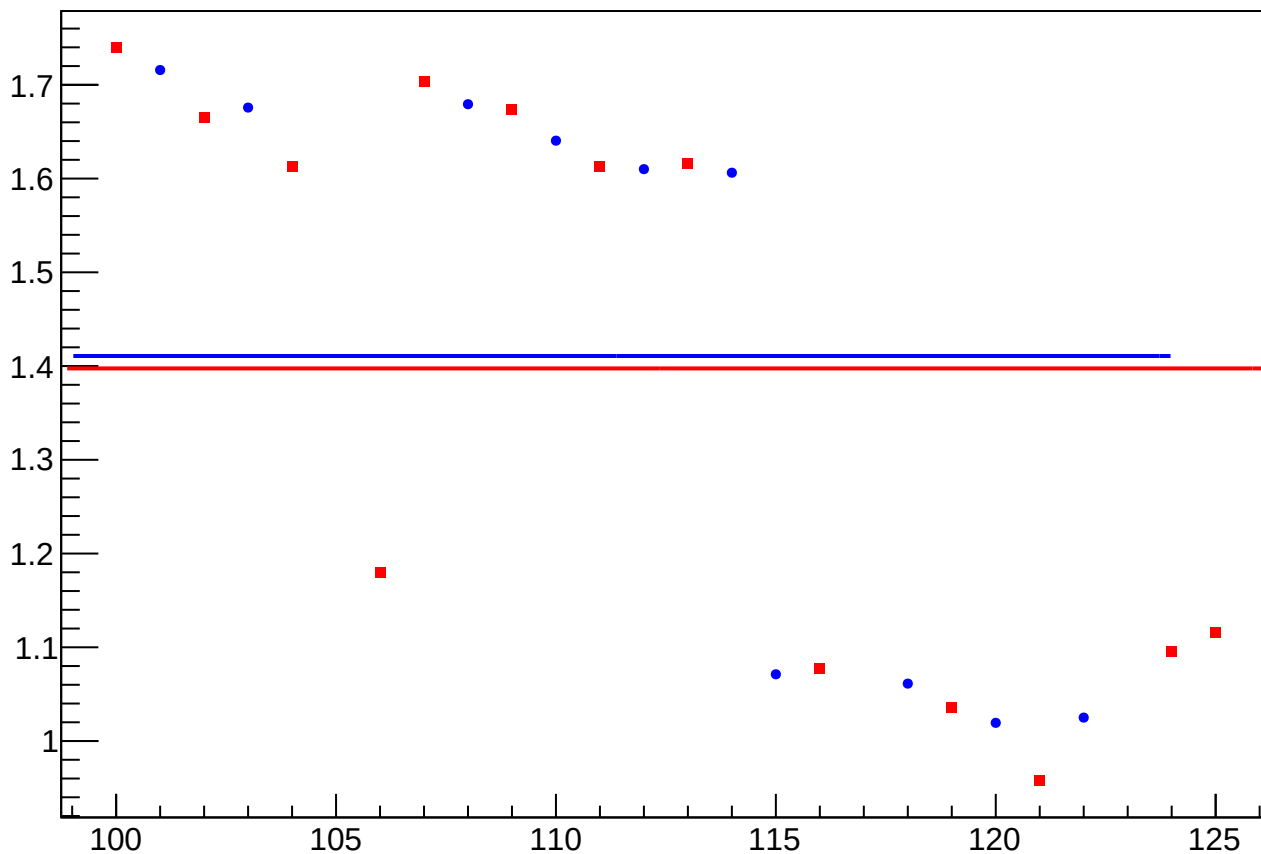
Right: 0.006+/-0.000 χ^2/NDF : 154040.2/22

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 : 154040.2/22

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: 1.397+/-0.000 χ^2/NDF : 93744345993.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

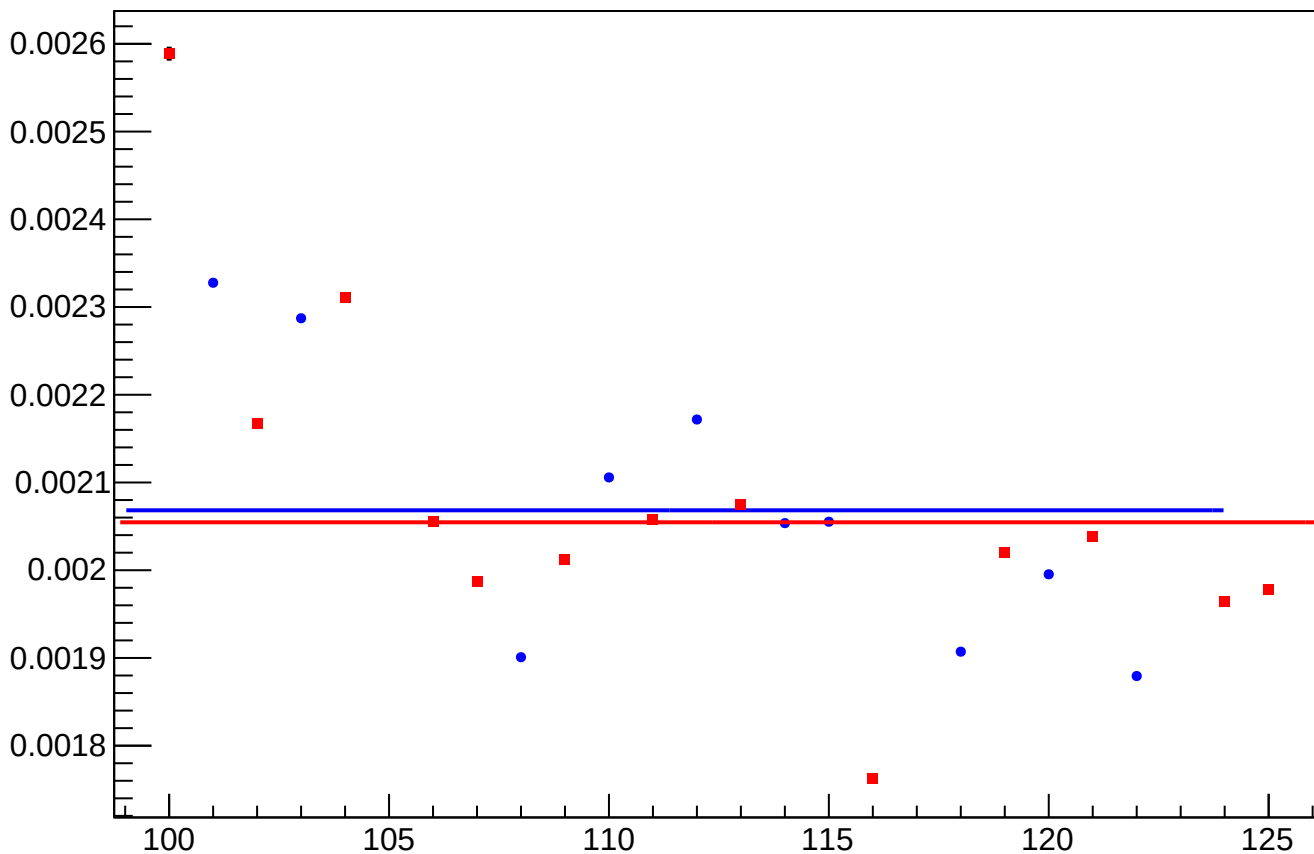
Right: 1.403+/-0.000 χ^2/NDF : 177250117284.9/22

In: 1.411+/-0.000 χ^2/NDF : 83421051992.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.403+/-0.000 χ^2/NDF : 177250117284.9

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 : 38359.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

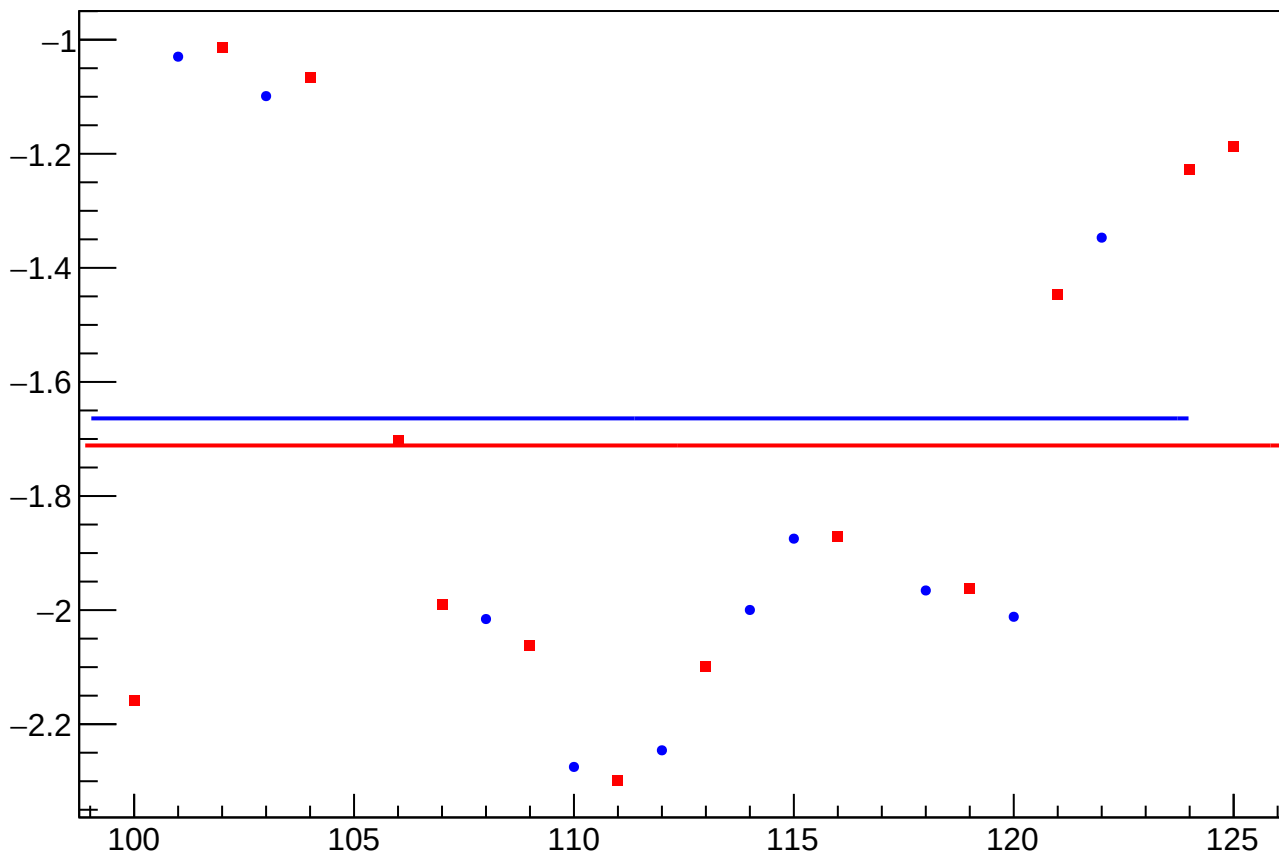
Right: 0.002+/-0.000 χ^2/NDF : 87977.0/22

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 : 87977.0/22

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.664+/-0.000 χ^2/NDF : 17816786593.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.711+/-0.000 χ^2/NDF : 23173039030.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

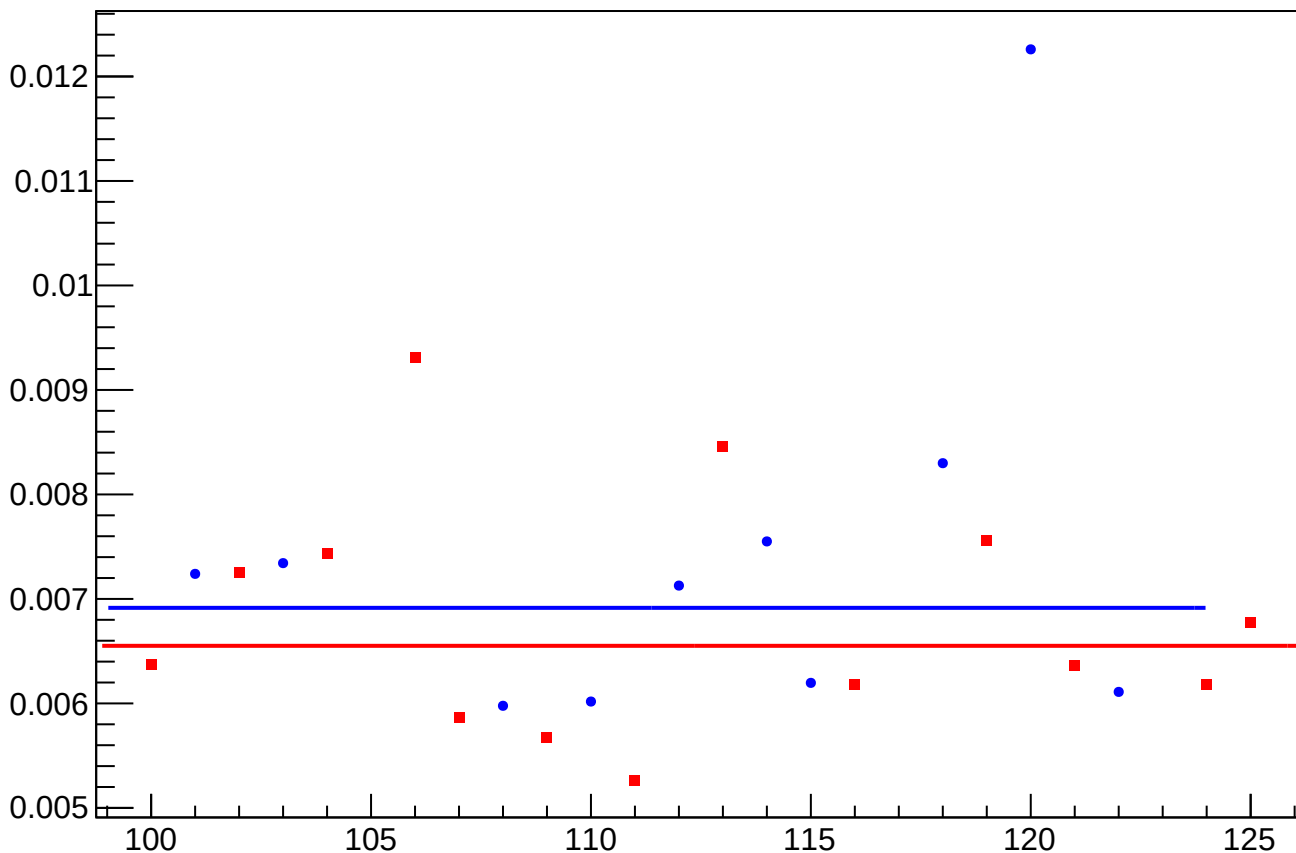
Right: -1.692+/-0.000 χ^2/NDF : 41087839807.4/22

In: -1.664+/-0.000 χ^2/NDF : 17816786593.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.692+/-0.000 χ^2/NDF : 41087839807.4/22

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 : 211329.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

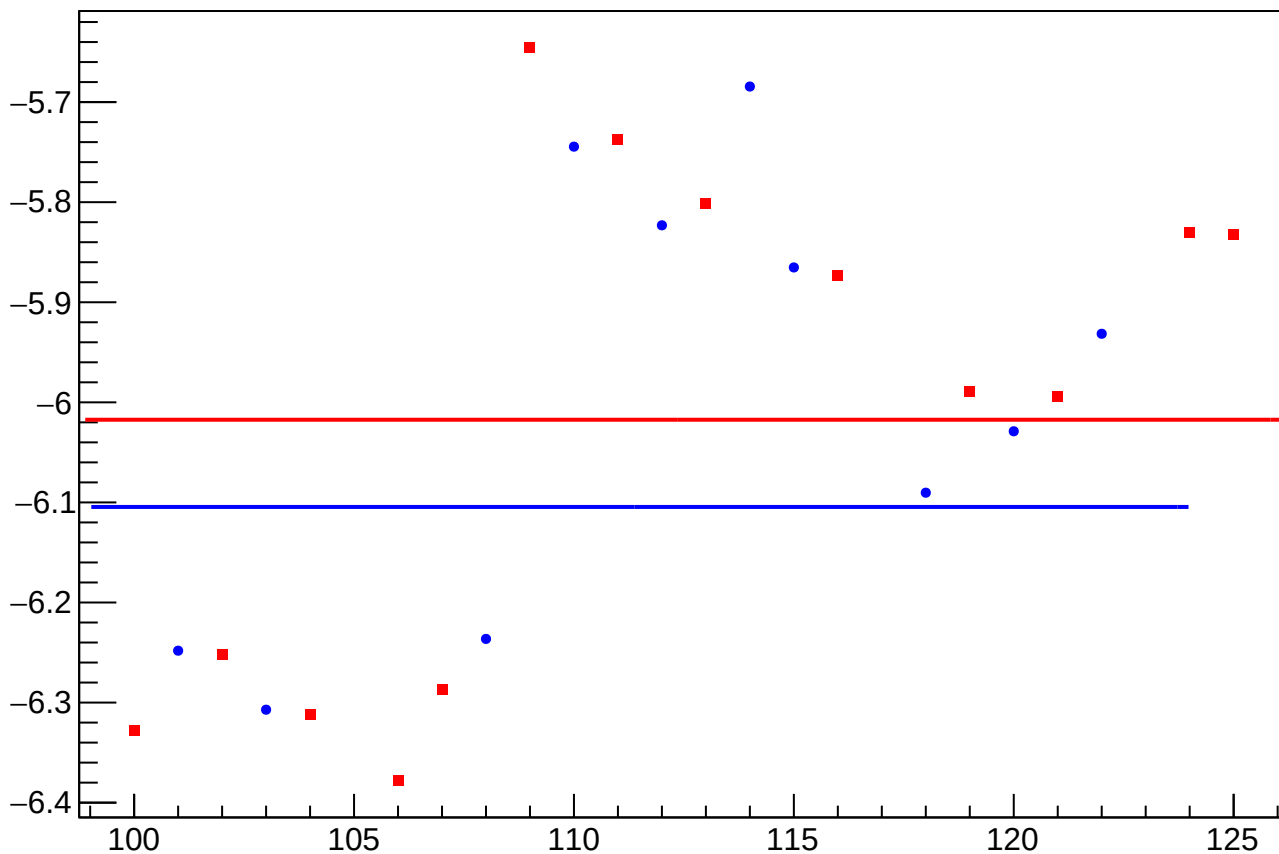
Right: 0.007+/-0.000 χ^2/NDF : 413022.8/22

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 : 413022.8/22

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: -6.017+/-0.000 χ^2/NDF : 8700323549.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

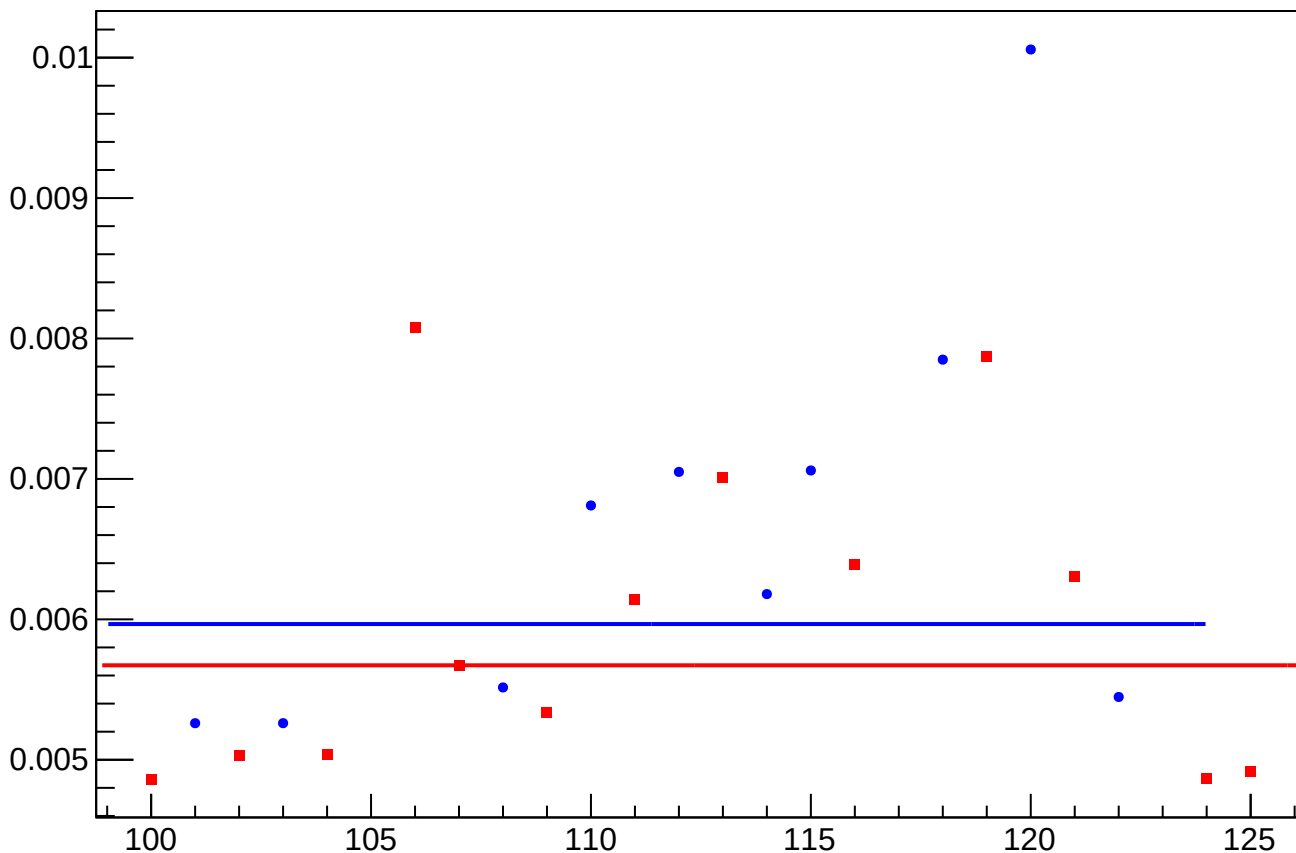
Right: -6.054+/-0.000 χ^2/NDF : 13256449048.7/22

In: -6.105+/-0.000 χ^2/NDF :4121175203.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.054+/-0.000 χ^2/NDF : 13256449048.7/22

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 : 231091.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

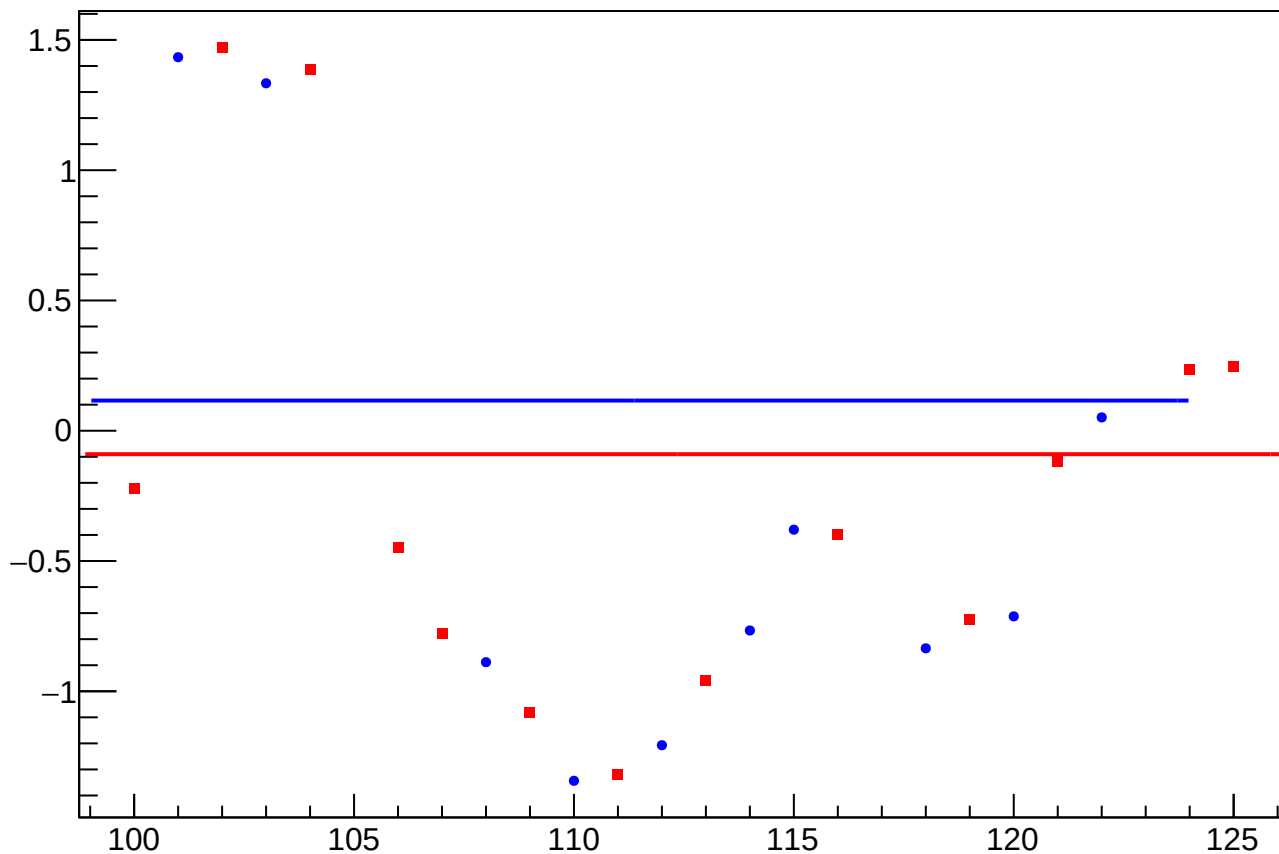
Right: 0.006+/-0.000 χ^2/NDF : 477644.3/22

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 : 477644.3/22

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: -0.090+/-0.000 χ^2/NDF : 21727962673.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

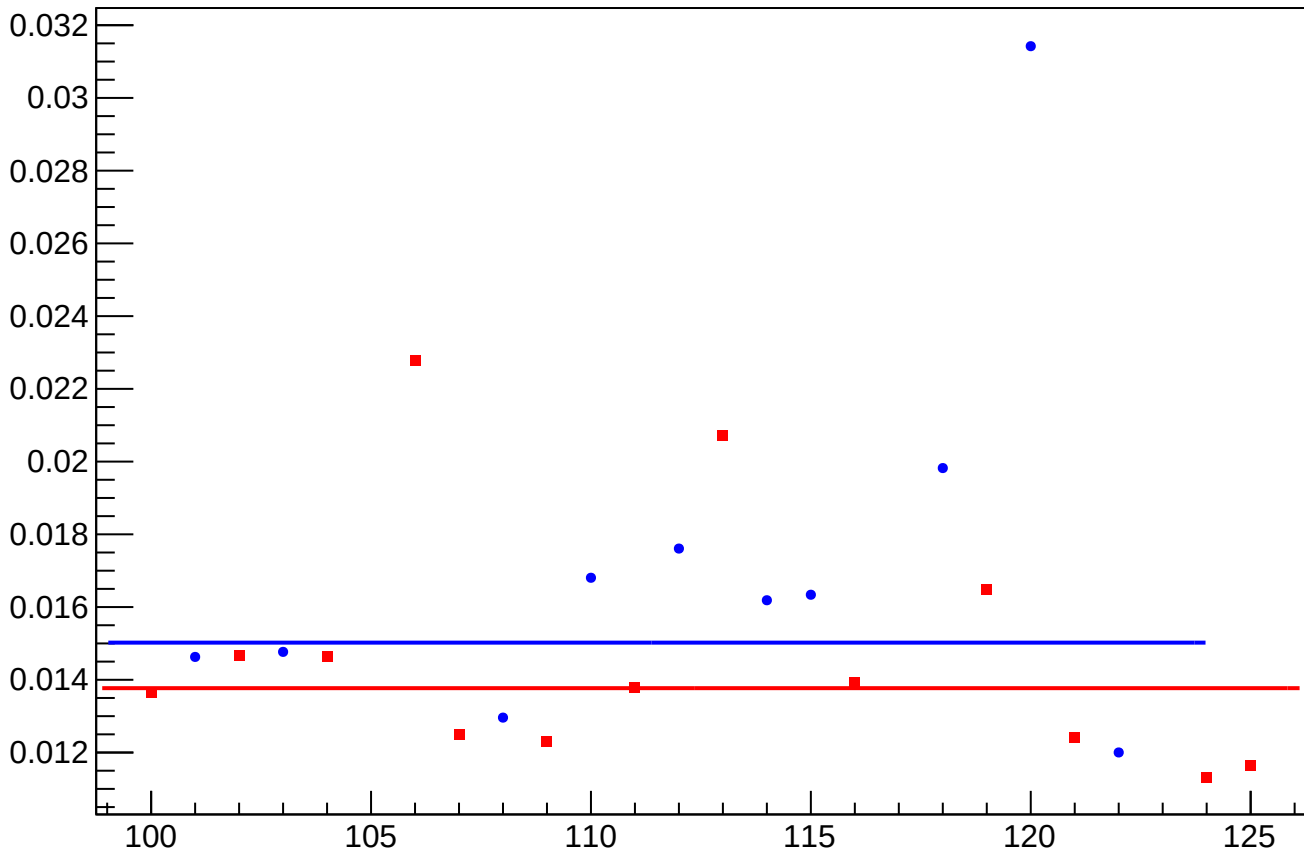
Right: -0.010+/-0.000 χ^2/NDF : 39439618287.1/22

In: 0.116+/-0.000 χ^2/NDF :17325567791.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.010+/-0.000 χ^2/NDF : 39439618287.1/22

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 : 240274.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

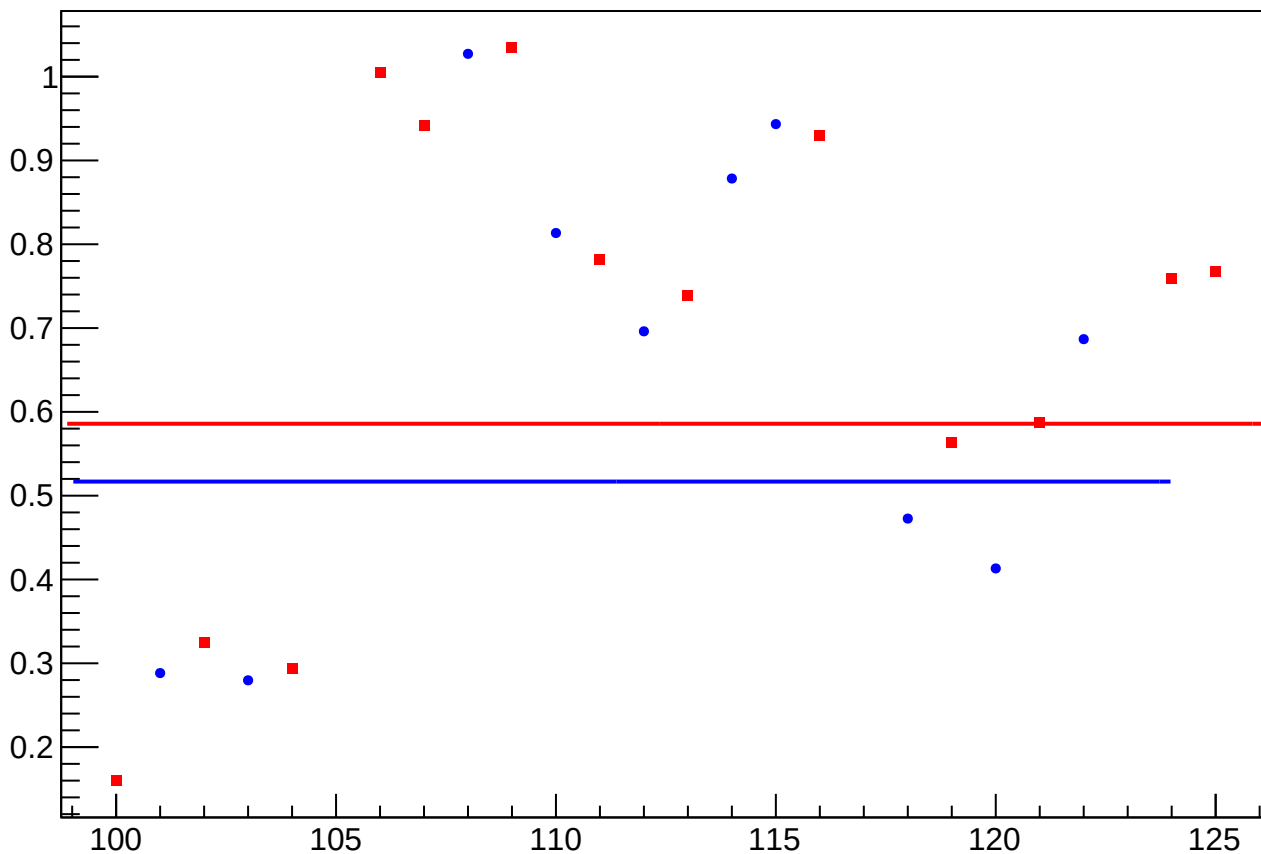
Right: 0.014+/-0.000 χ^2/NDF : 558519.1/22

In: 0.015+/-0.000 χ^2/NDF : 289701.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 558519.1/22

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: 0.586+/-0.000 χ^2/NDF : 5155547351.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

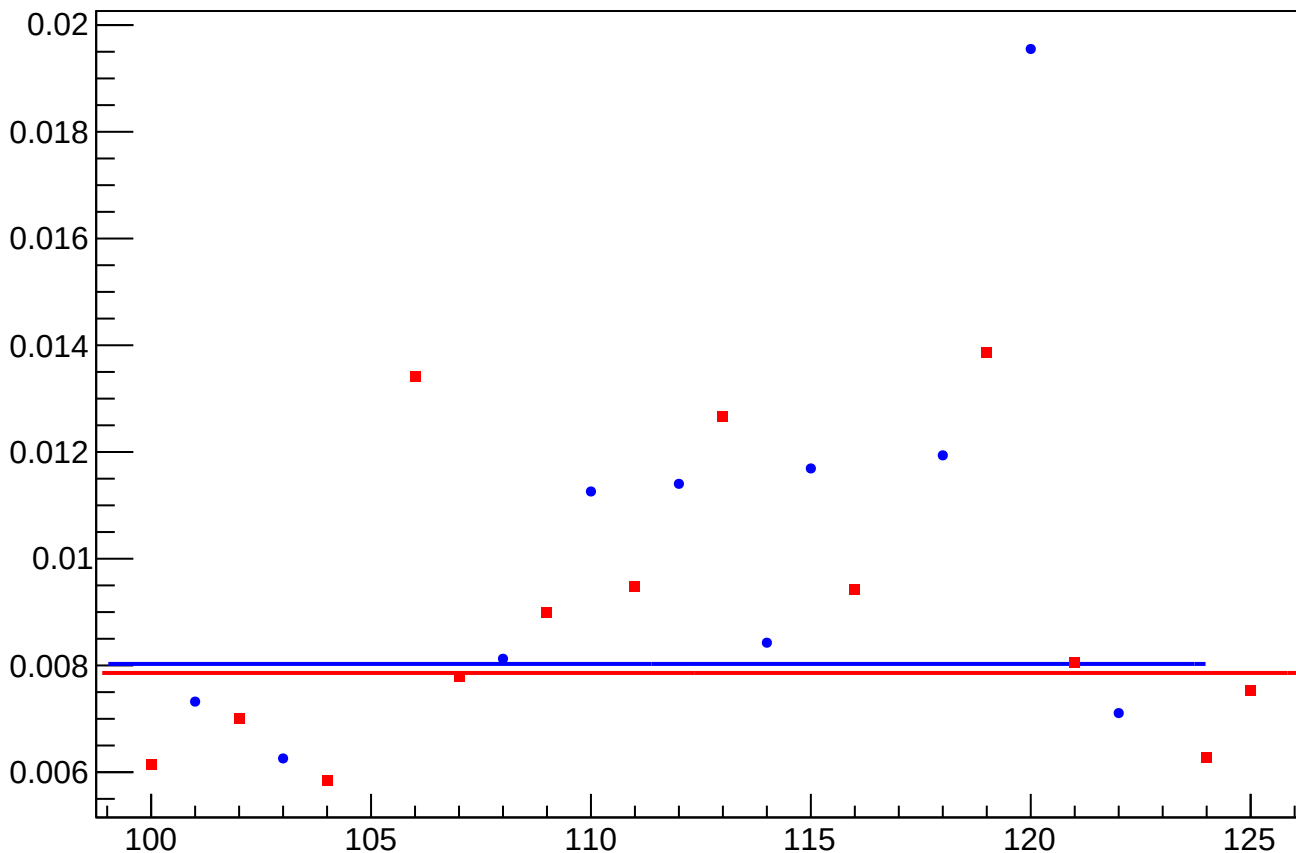
Right: 0.556+/-0.000 χ^2/NDF : 9150856140.2/22

In: 0.517+/-0.000 χ^2/NDF :3856650648.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.556+/-0.000 χ^2/NDF : 9150856140.2/22

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 : 567537.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

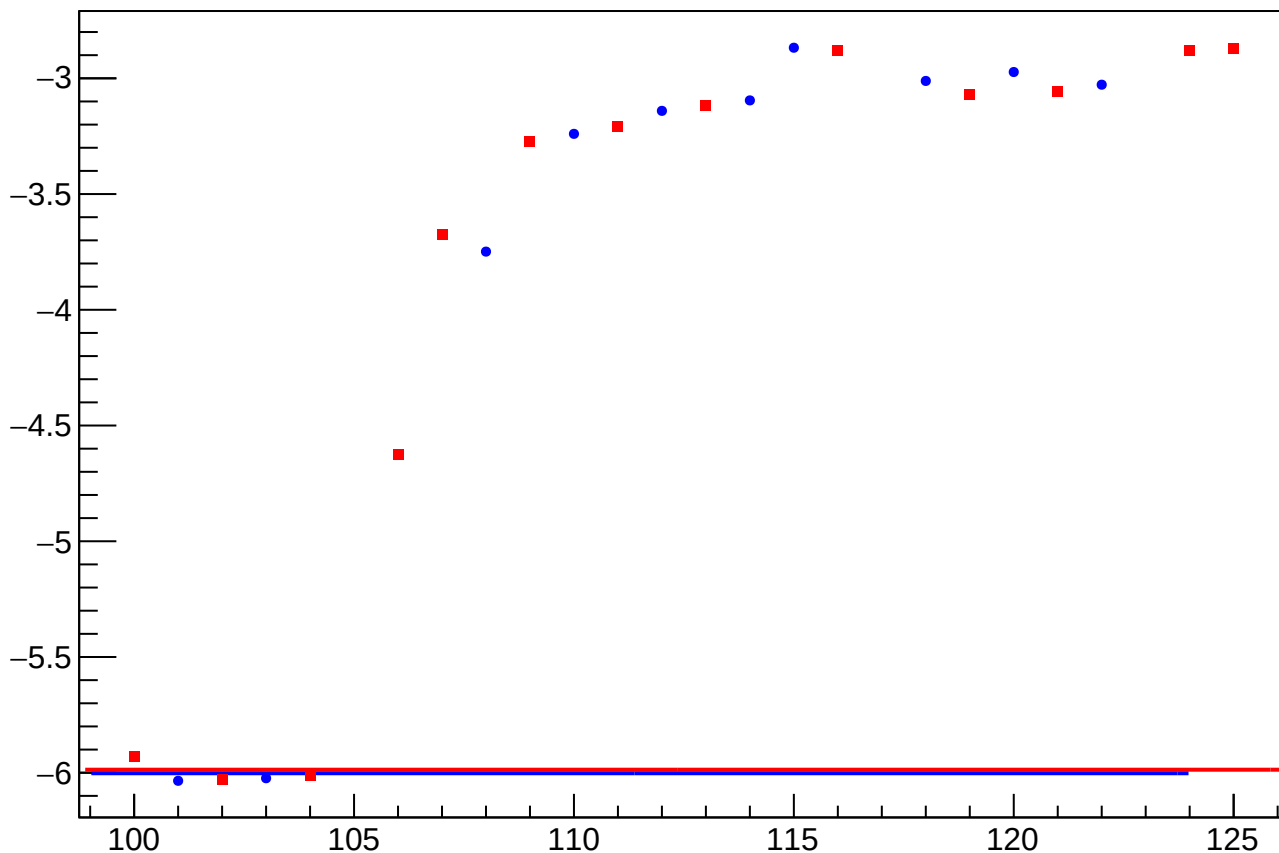
Right: 0.008+/-0.000 χ^2/NDF : 1126408.0/22

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 : 1126408.0/22

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: -5.987+/-0.000 χ^2/NDF : 3925493520.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

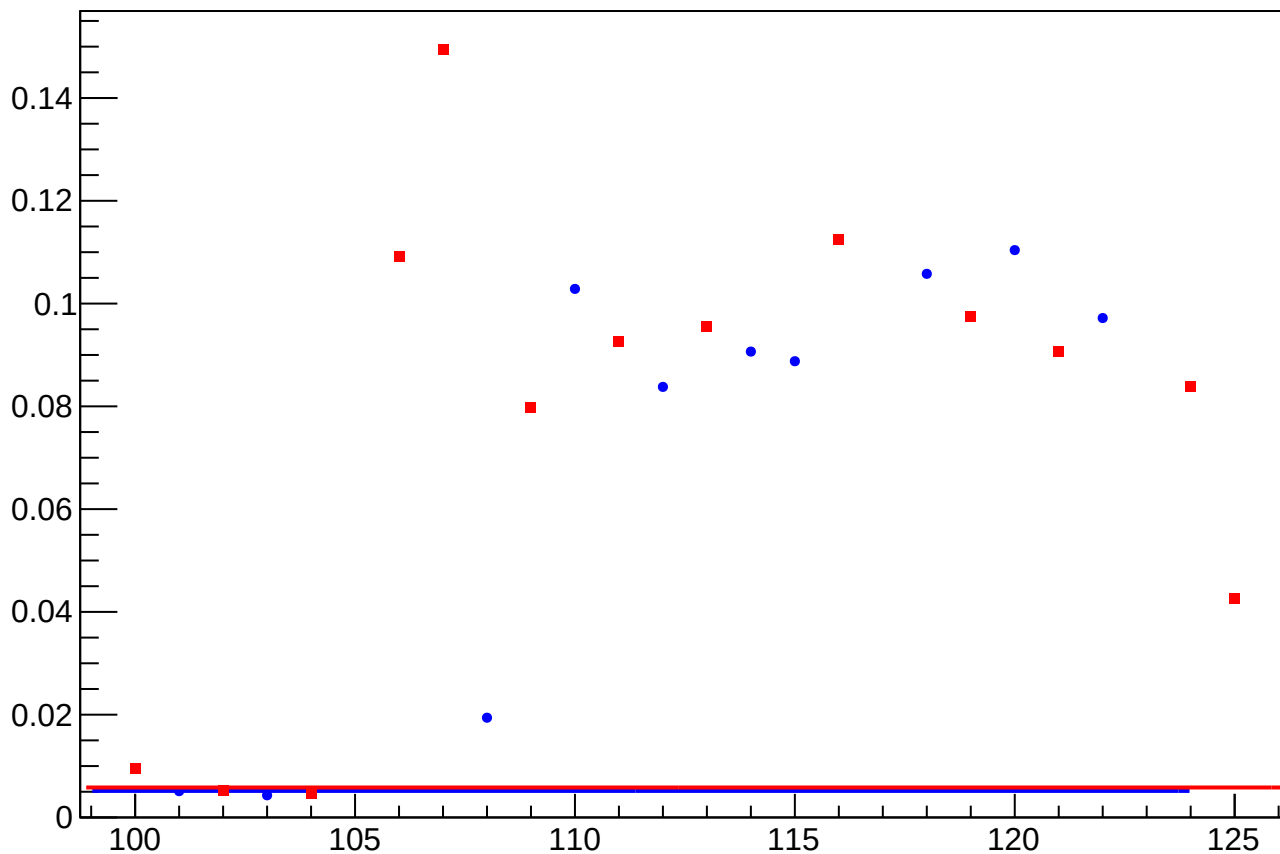
Right: -5.995+/-0.000 χ^2/NDF : 7422596145.1/22

In: -6.002+/-0.000 χ^2/NDF :3491732472.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.995+/-0.000 χ^2/NDF : 7422596145.1/22

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 : 5979044.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

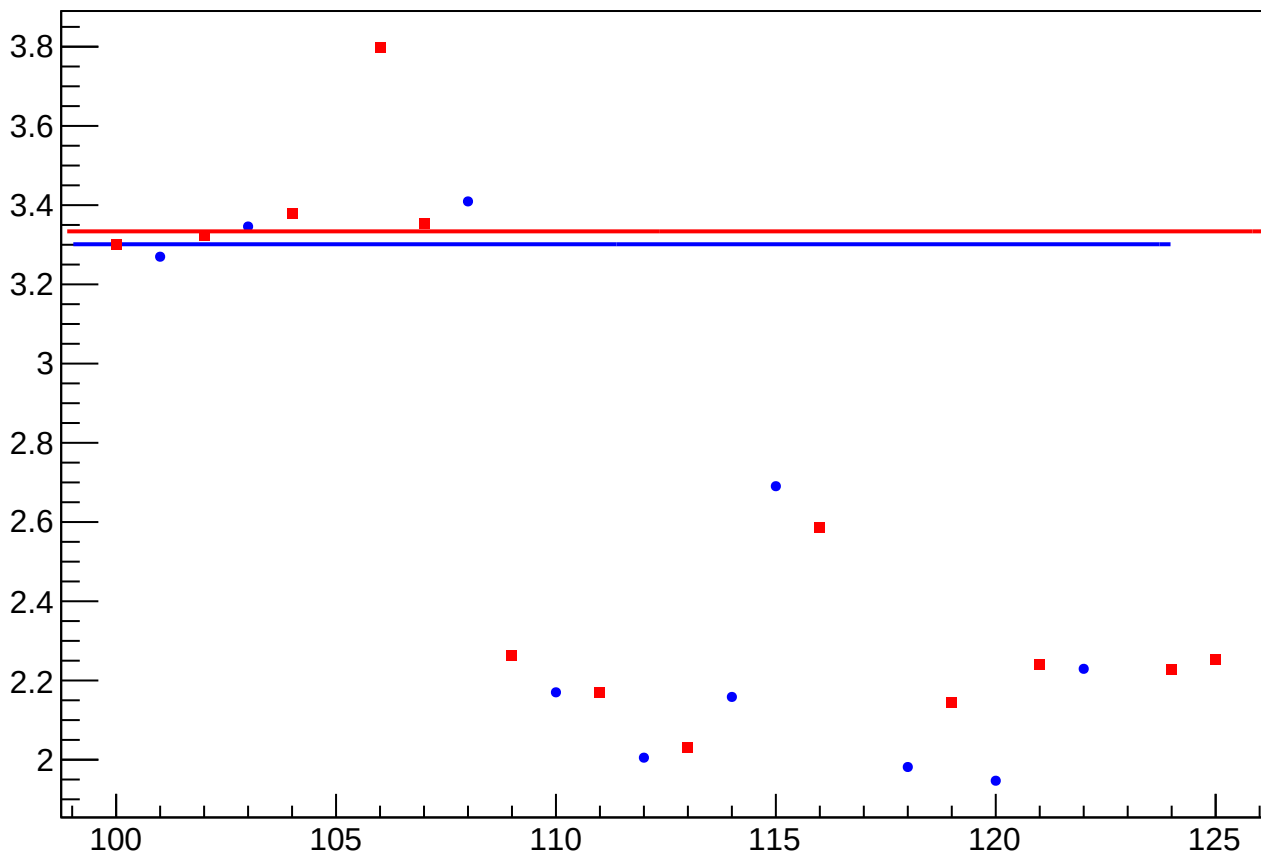
Right: 0.005+/-0.000 χ^2/NDF : 10106484.6/22

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 : 10106484.6/22

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: 3.334+/-0.000 χ^2/NDF : 561058795.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

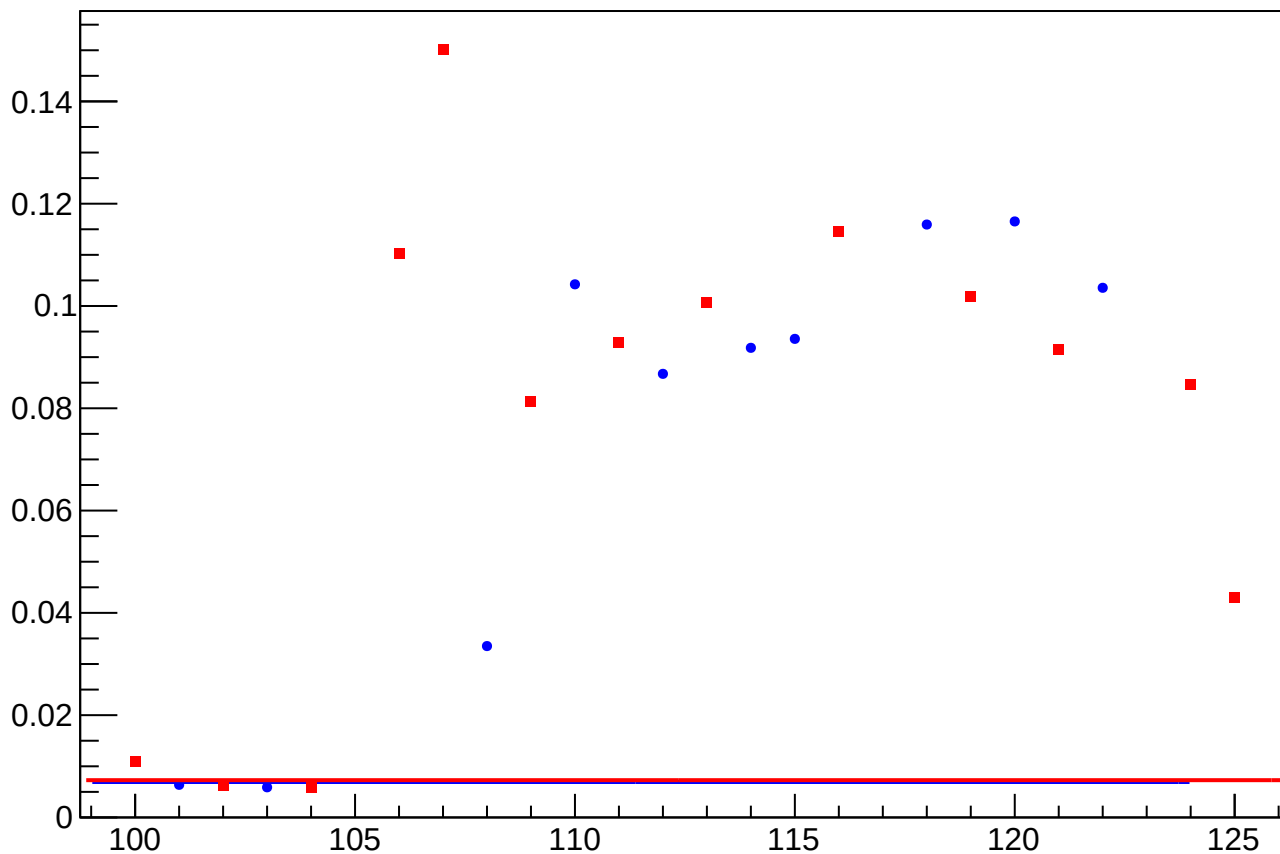
Right: 3.317+/-0.000 χ^2/NDF : 937022348.4/22

In: 3.301+/-0.000 χ^2/NDF :360321138.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3.317+/-0.000 χ^2/NDF : 937022348.4/22

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 : 5798008.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

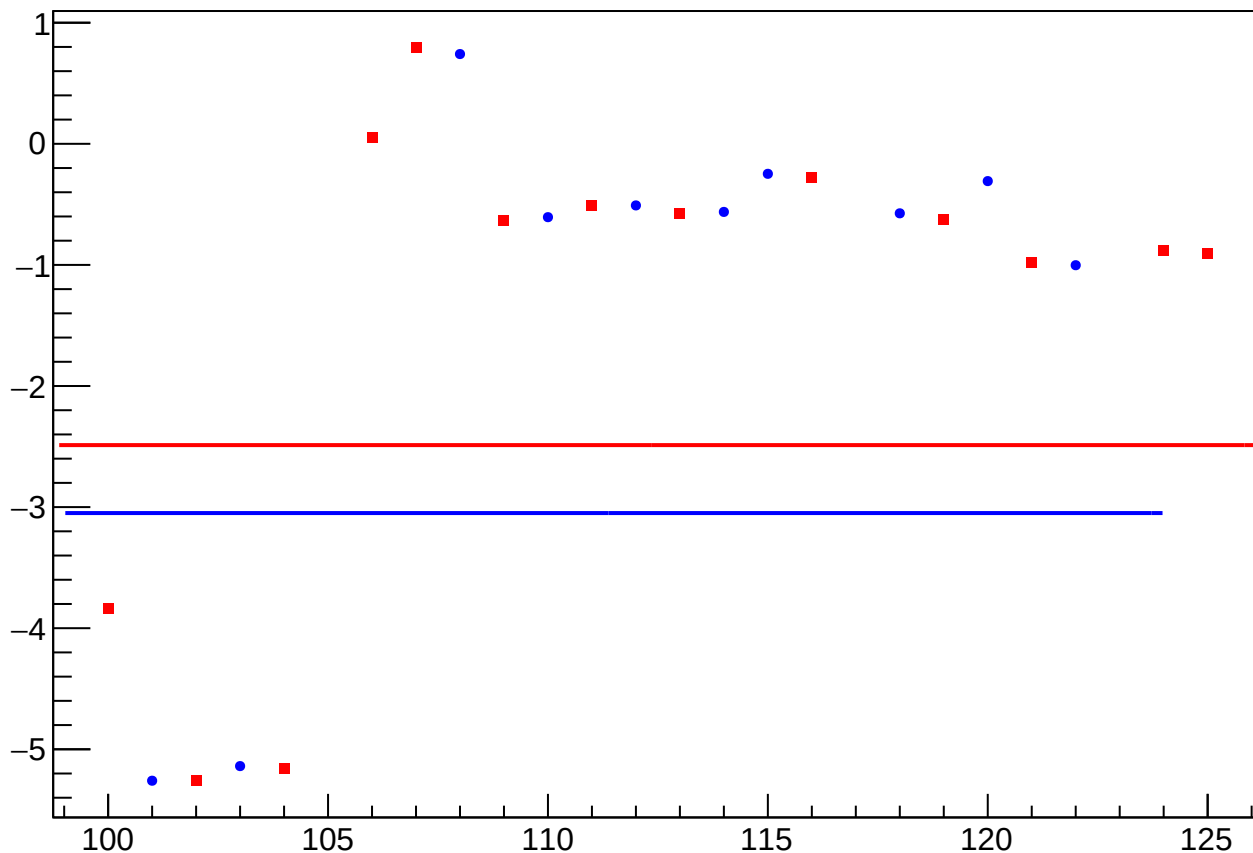
Right: 0.007+/-0.000 χ^2/NDF : 9910360.0/22

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 : 9910360.0/22

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: -2.488+/-0.000 χ^2/NDF : 108921925479.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

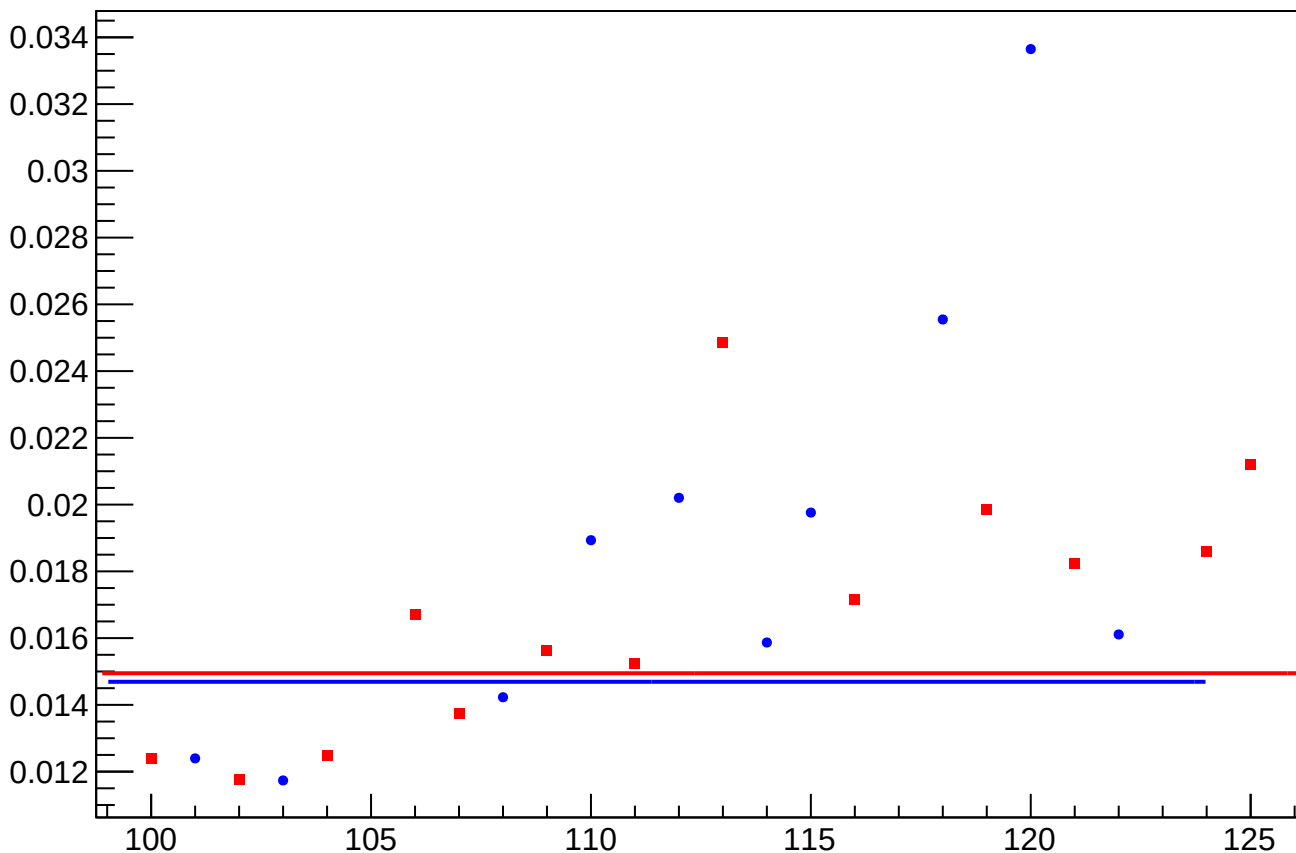
Right: -2.735+/-0.000 χ^2/NDF : 204859482966.9/22

In: -3.049+/-0.000 χ^2/NDF :93286532206.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.735+/-0.000 χ^2/NDF : 204859482966.9/22

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 : 406813.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

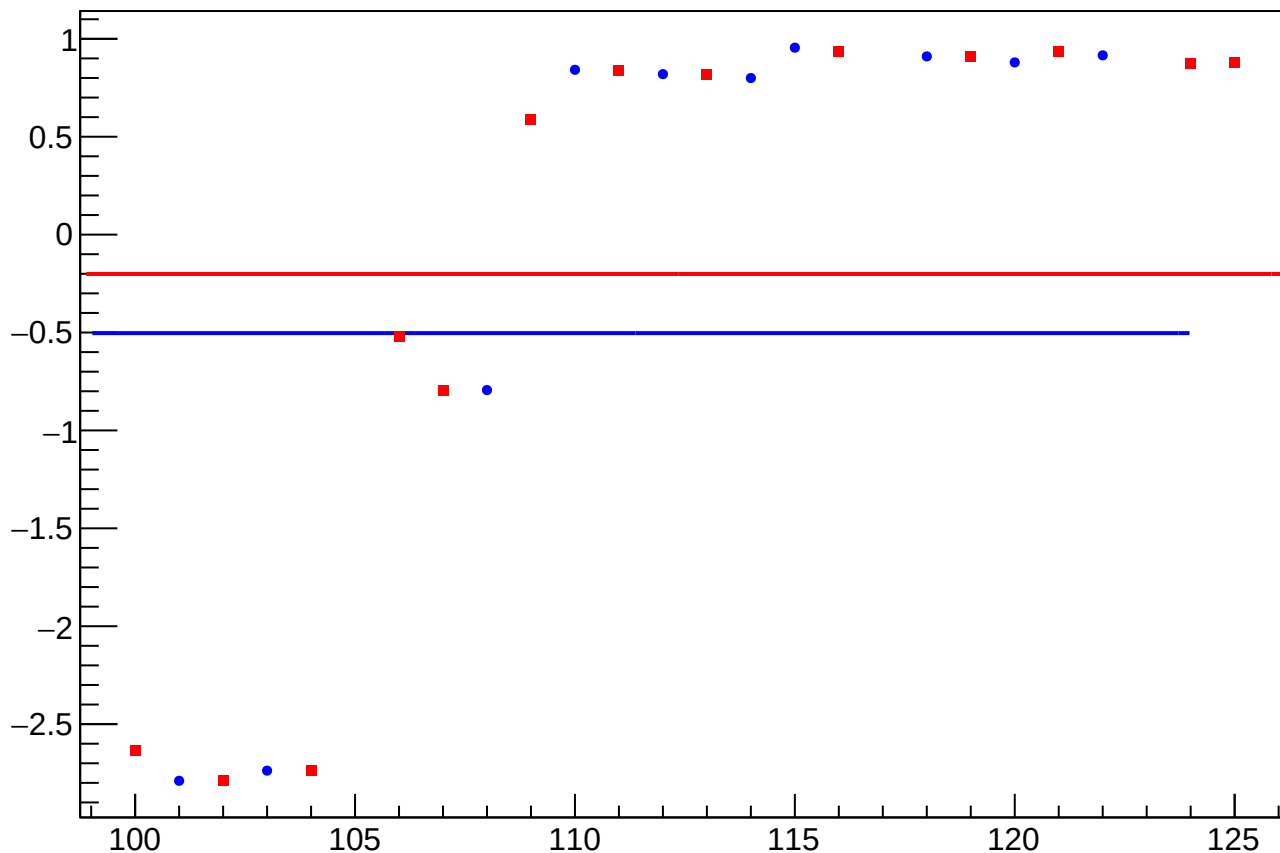
Right: 0.015+/-0.000 χ^2/NDF : 958923.8/22

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 : 958923.8/22

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: -0.201+/-0.000 χ^2/NDF : 849956306229.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

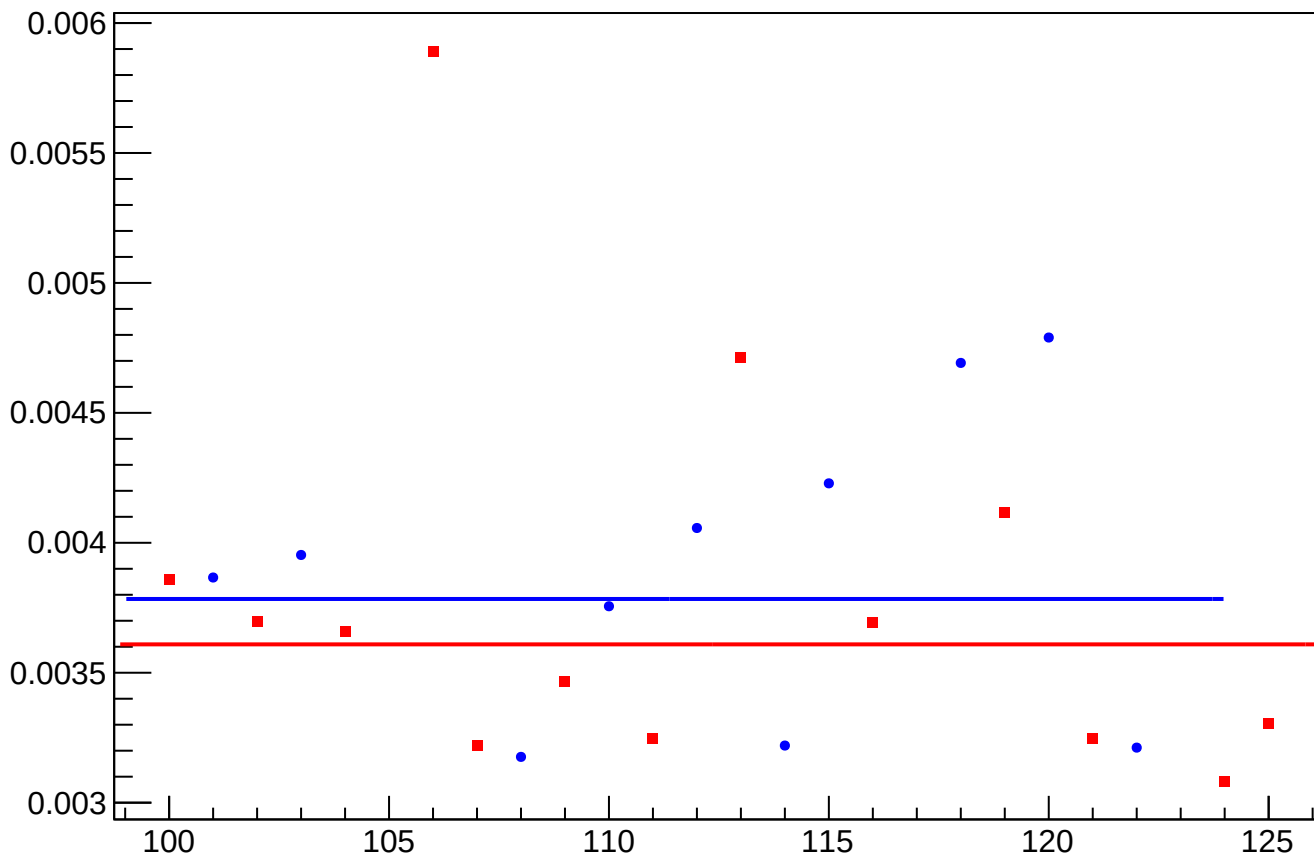
Right: -0.328+/-0.000 χ^2/NDF : 1545608051704.3/2

In: -0.503+/-0.000 χ^2/NDF : 681916814367.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.328+/-0.000 χ^2/NDF : 1545608051704

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 : 190731.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

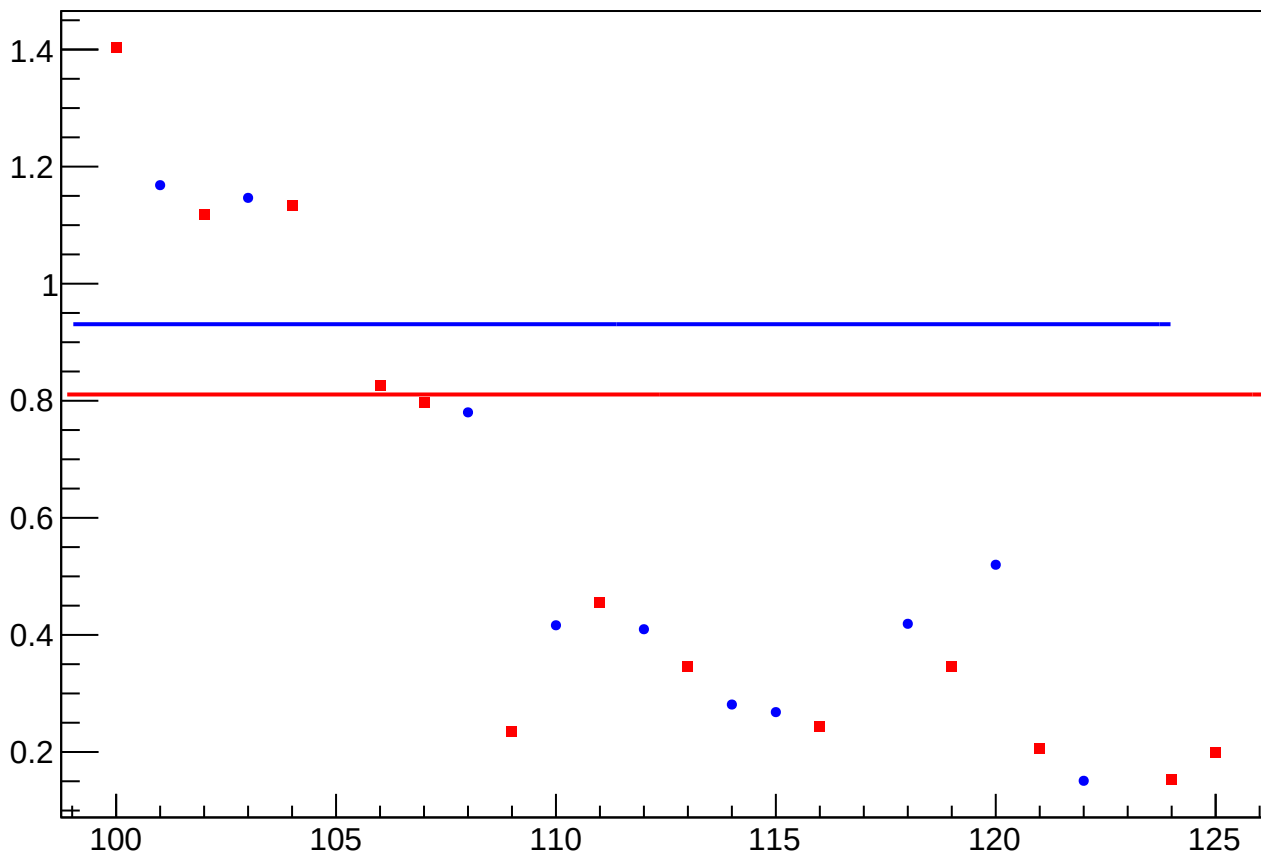
Right: 0.004+/-0.000 χ^2/NDF : 333127.9/22

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 : 333127.9/22

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: 0.811+/-0.000 χ^2/NDF : 19532692691.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

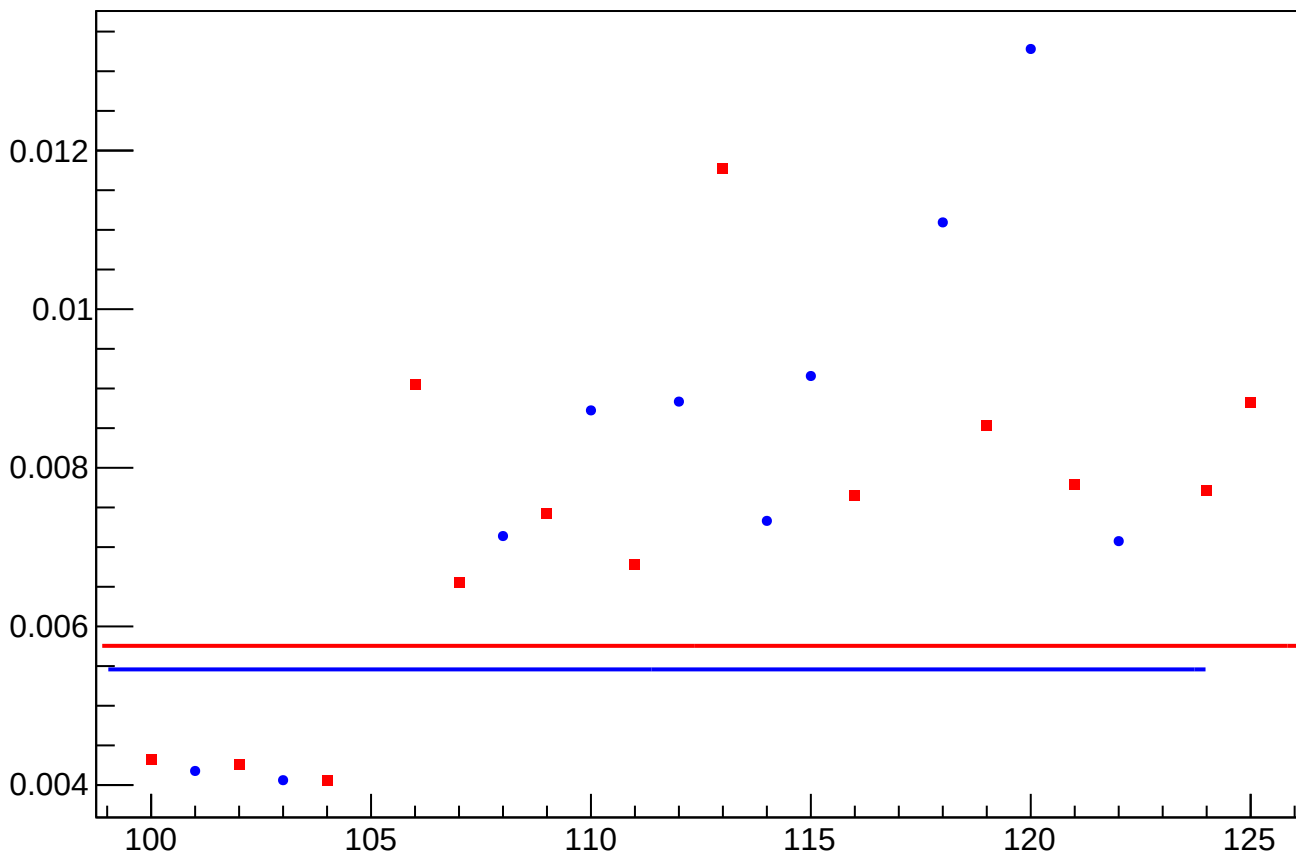
Right: 0.866+/-0.000 χ^2/NDF : 33590484061.0/22

In: 0.931+/-0.000 χ^2/NDF : 13261658286.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.866+/-0.000 χ^2/NDF : 33590484061.0/22

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 : 927454.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

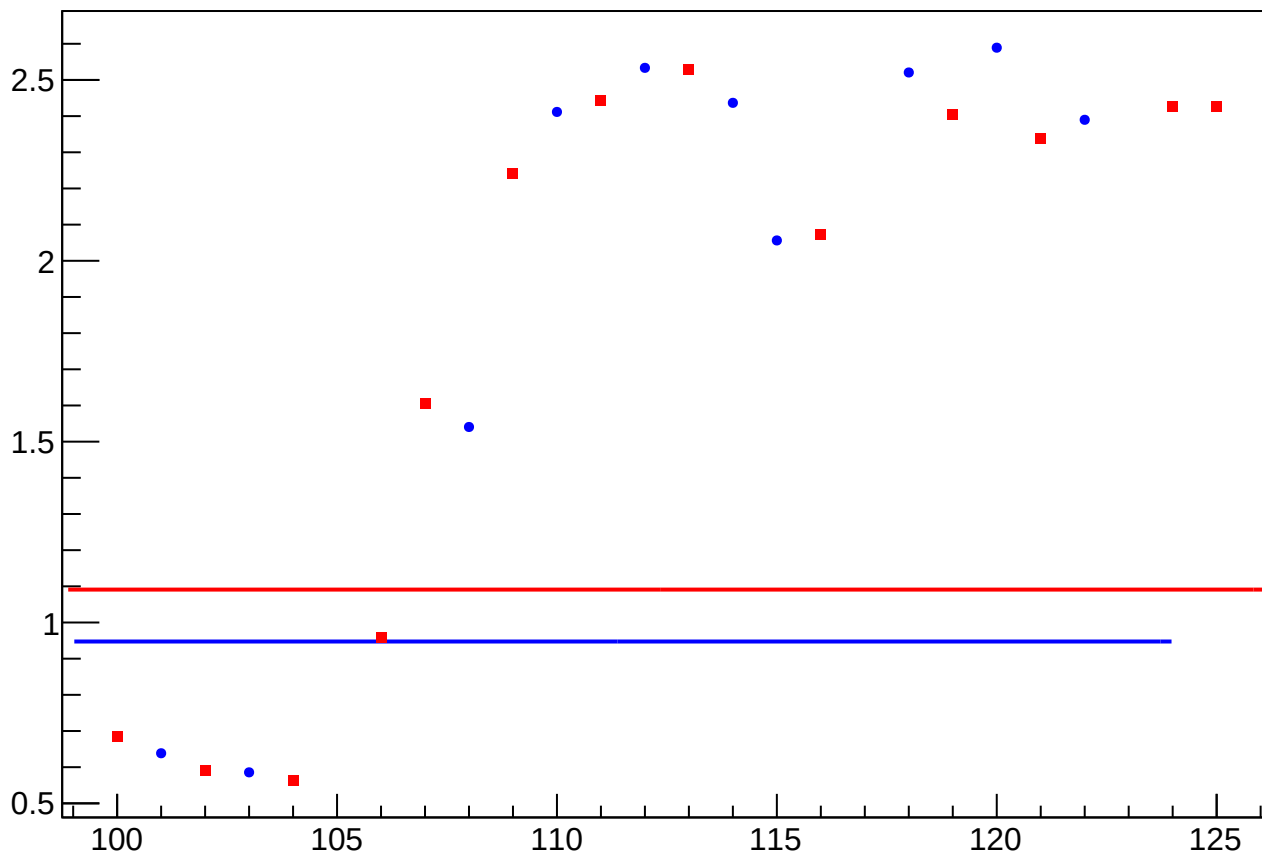
Right: 0.006+/-0.000 χ^2/NDF : 1943757.0/22

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 : 1943757.0/22

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

Right: 1.024+/-0.000 χ^2/NDF : 129571832546.6/22

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.947+/-0.000 χ^2/NDF : 50321676513.7/9

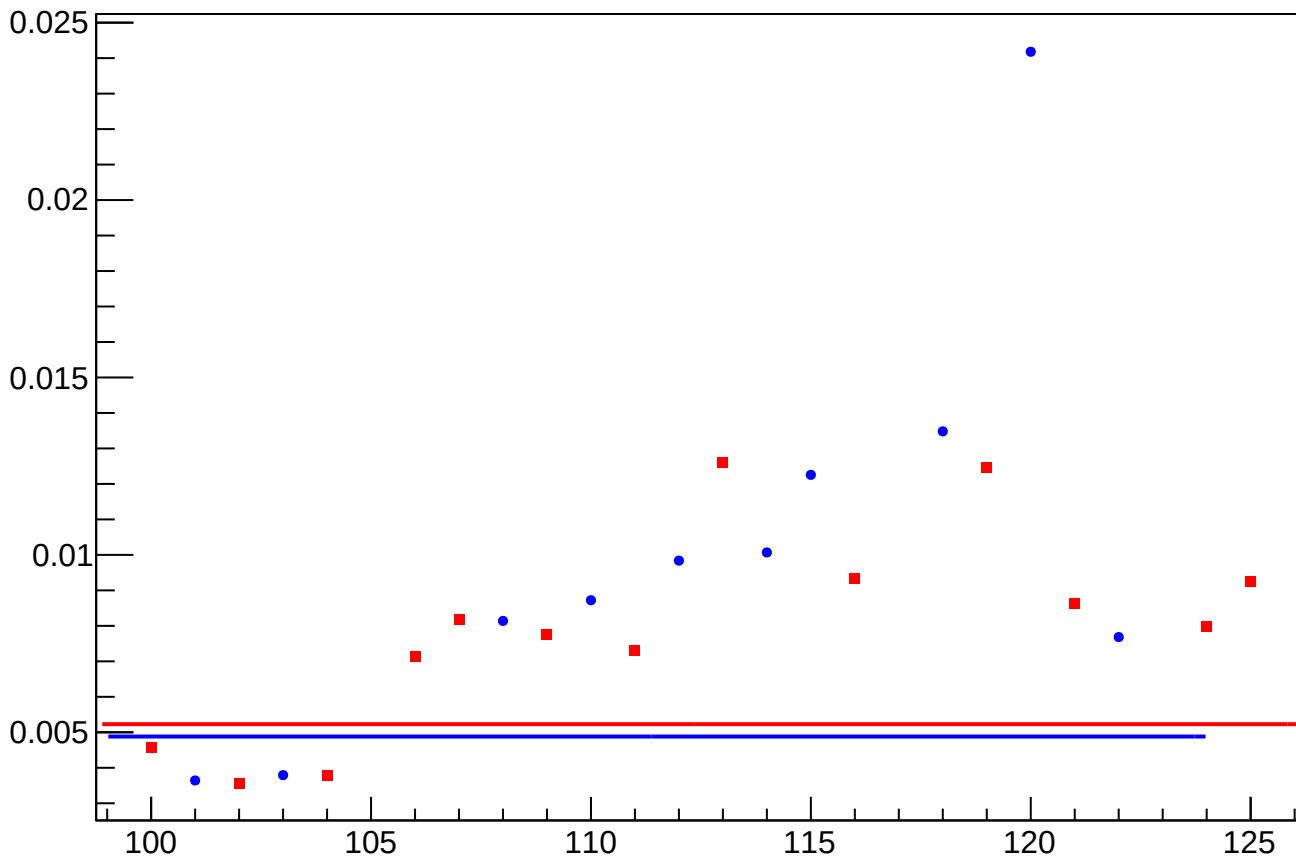
Right Out: 1.091+/-0.000 χ^2/NDF : 78025573739.9/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.024+/-0.000 χ^2/NDF : 129571832546.6

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 : 1503295.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

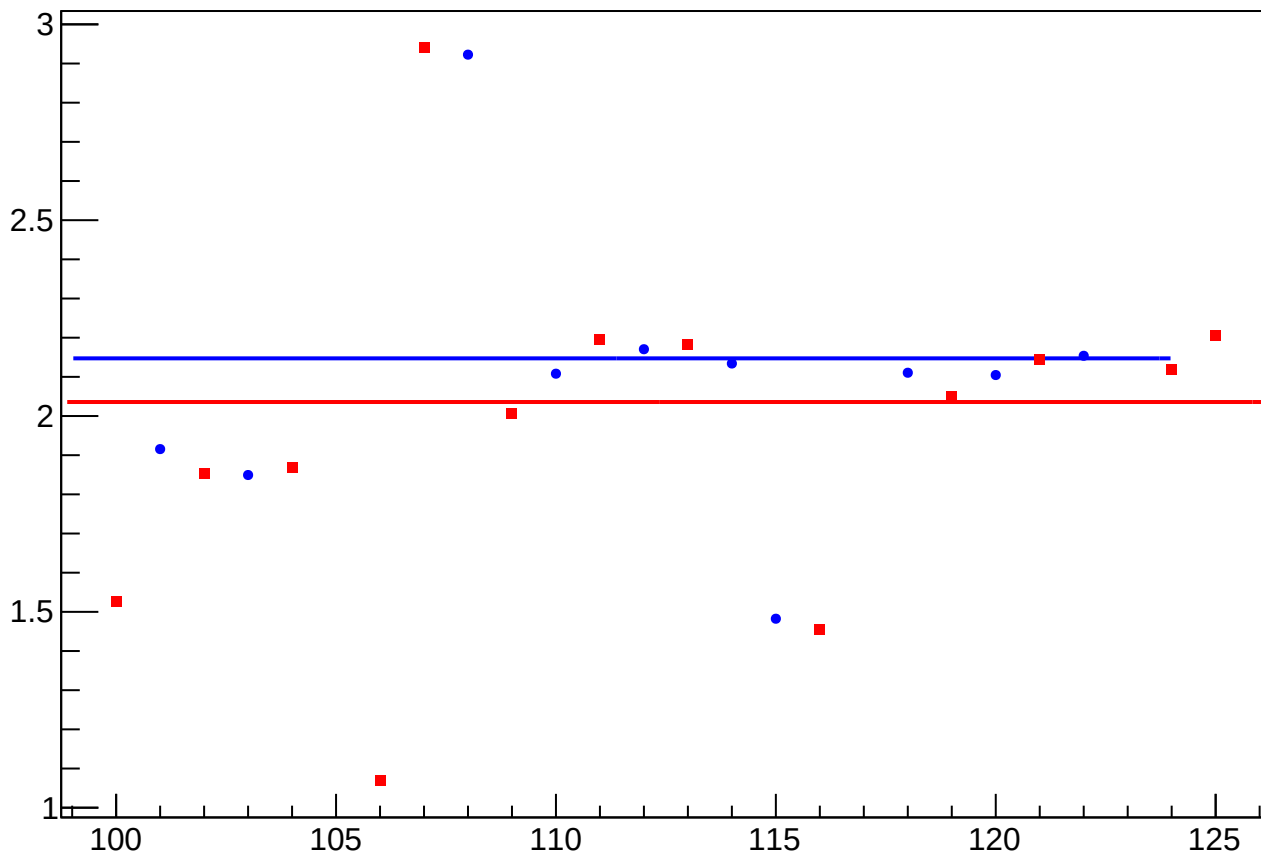
Right: 0.005+/-0.000 χ^2/NDF : 3029010.1/22

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 : 3029010.1/22

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 2.147 ± 0.000 $\chi^2/\text{NDF}: 9015207755.6/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 2.036 ± 0.000 $\chi^2/\text{NDF}: 13581907347.2/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

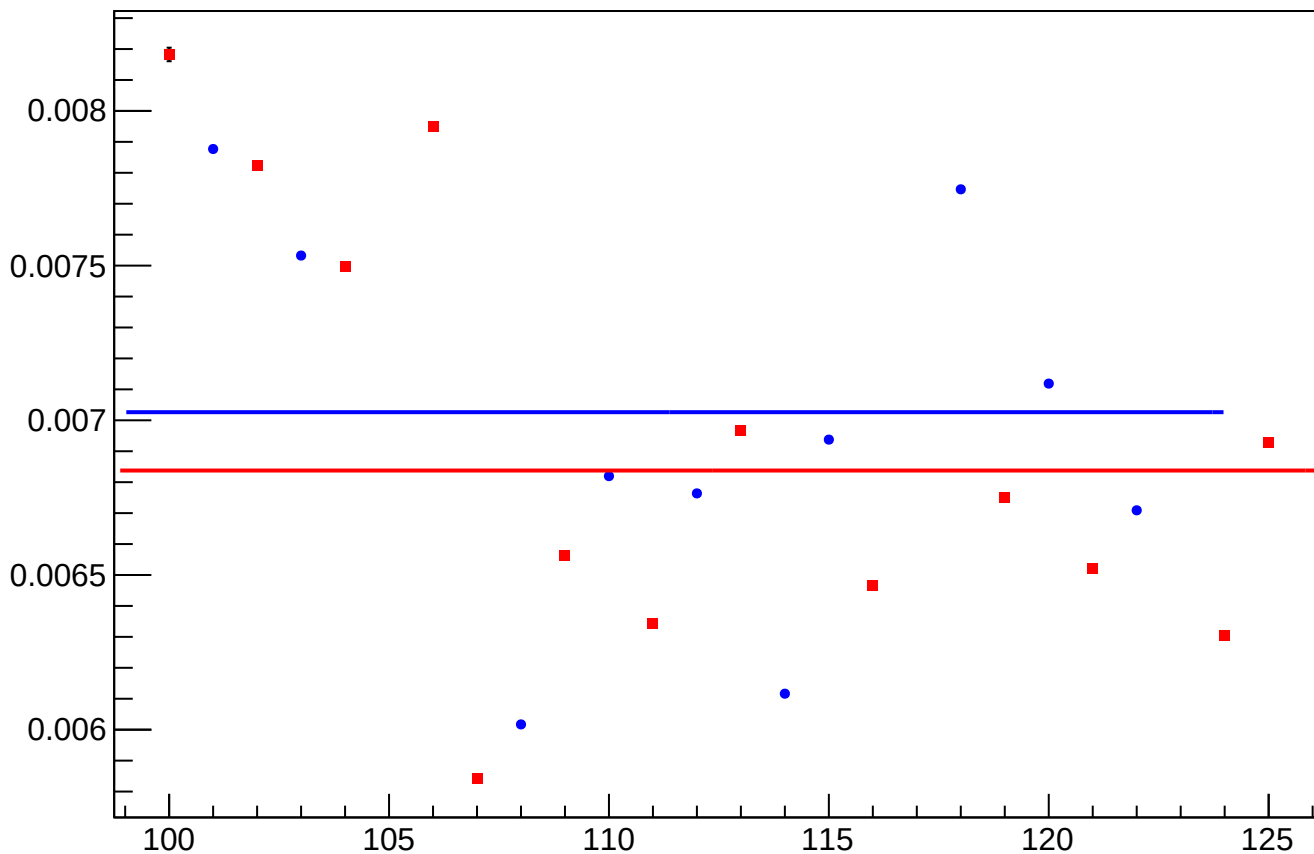
Right: 2.084 ± 0.000 $\chi^2/\text{NDF}: 23146525997.7/22$

In: 2.147 ± 0.000 $\chi^2/\text{NDF}: 9015207755.6/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 2.084 ± 0.000 $\chi^2/\text{NDF}: 23146525997.7/22$

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 : 69867.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

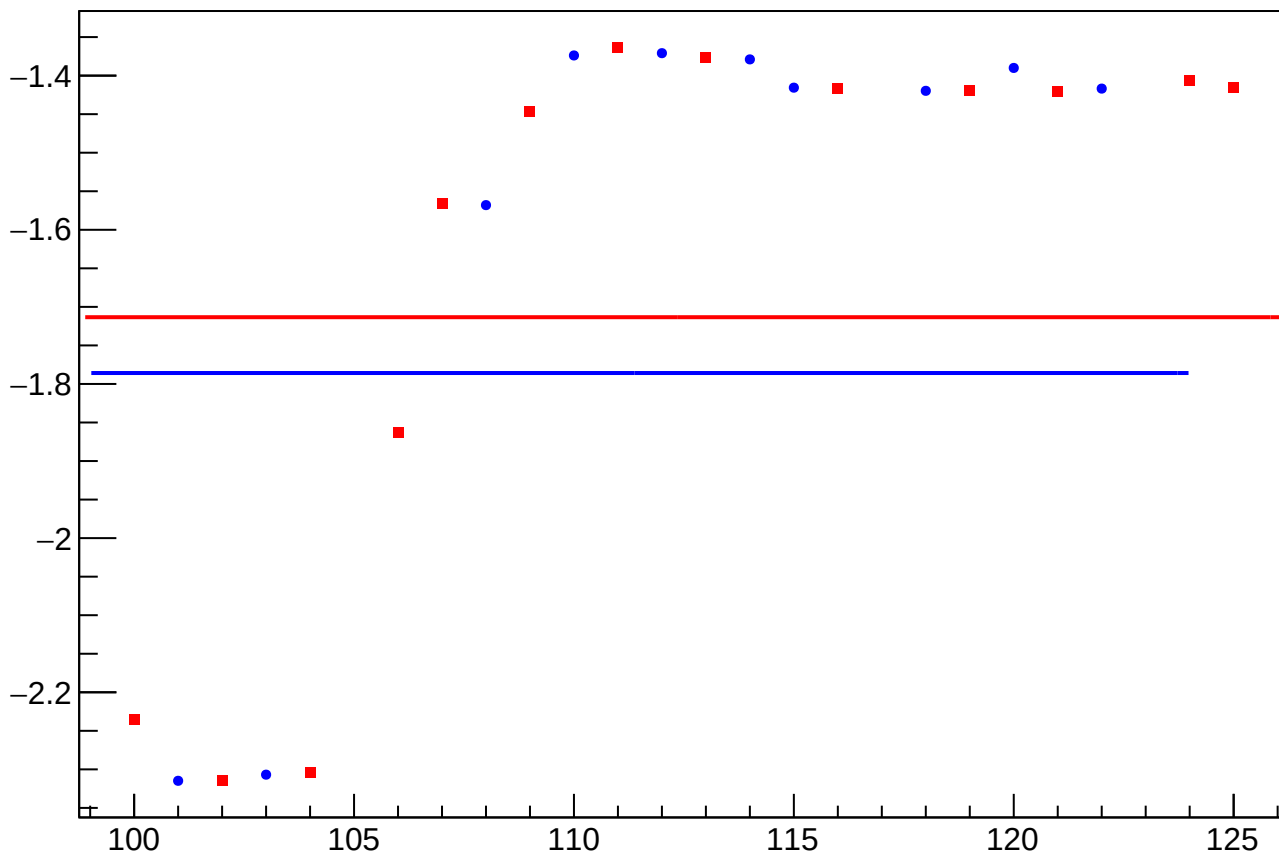
Right: 0.007+/-0.000 χ^2/NDF : 131302.3/22

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 : 131302.3/22

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: -1.713+/-0.000 χ^2/NDF : 109729908141.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

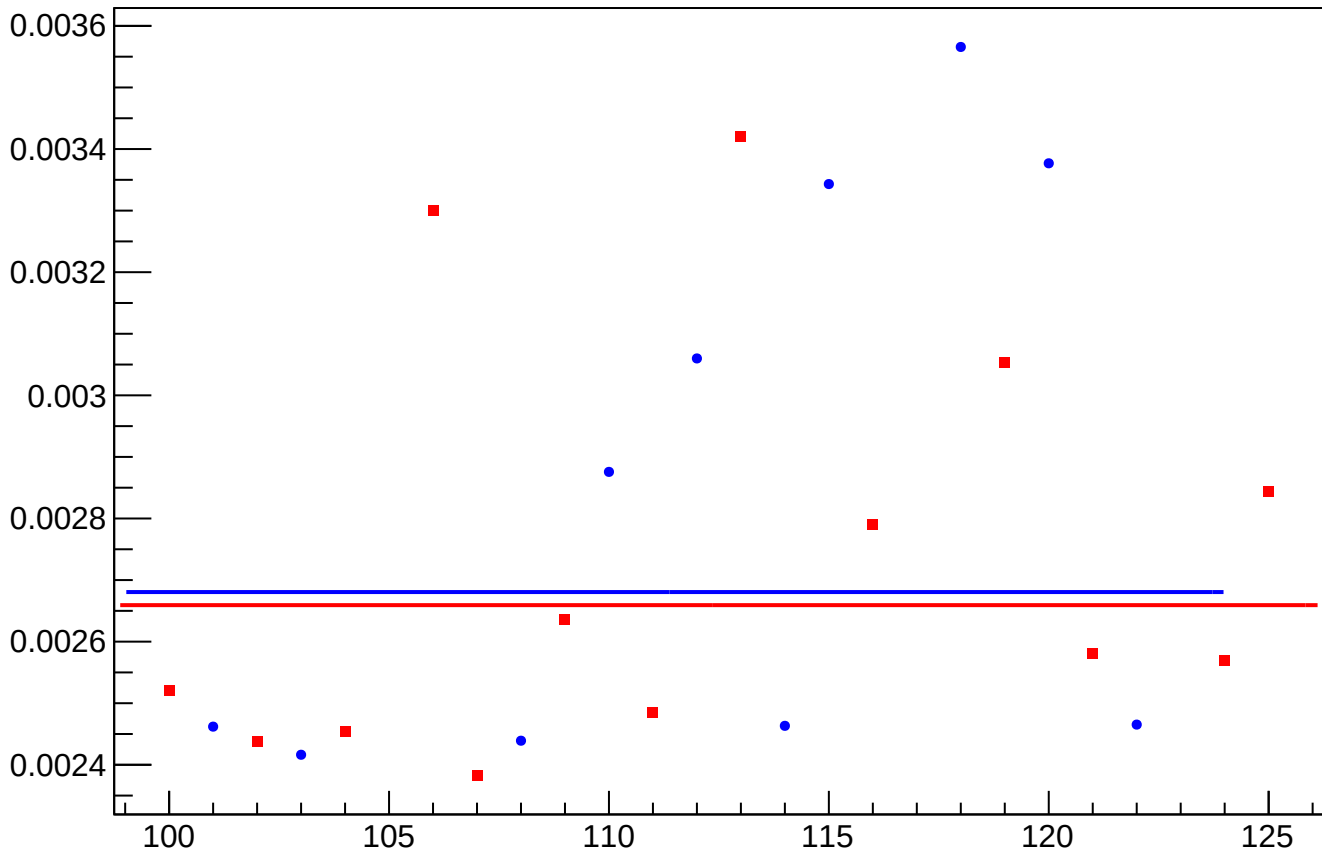
Right: -1.745+/-0.000 χ^2/NDF : 209673823740.7/22

In: -1.786+/-0.000 χ^2/NDF : 98414632512.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.745+/-0.000 χ^2/NDF : 209673823740.7

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 : 111838.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

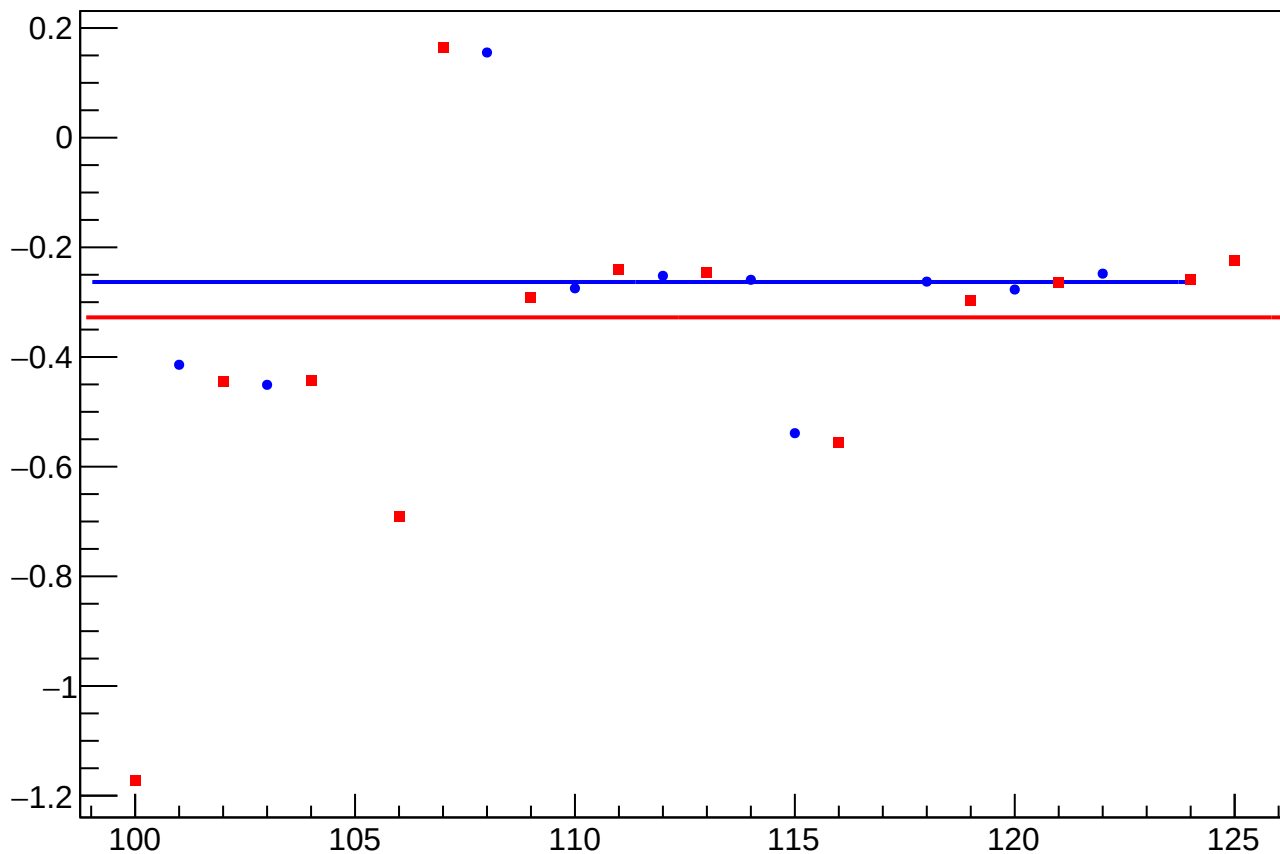
Right: 0.003+/-0.000 χ^2/NDF : 262650.5/22

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 : 262650.5/22

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: -0.328+/-0.000 χ^2/NDF : 1597174122.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

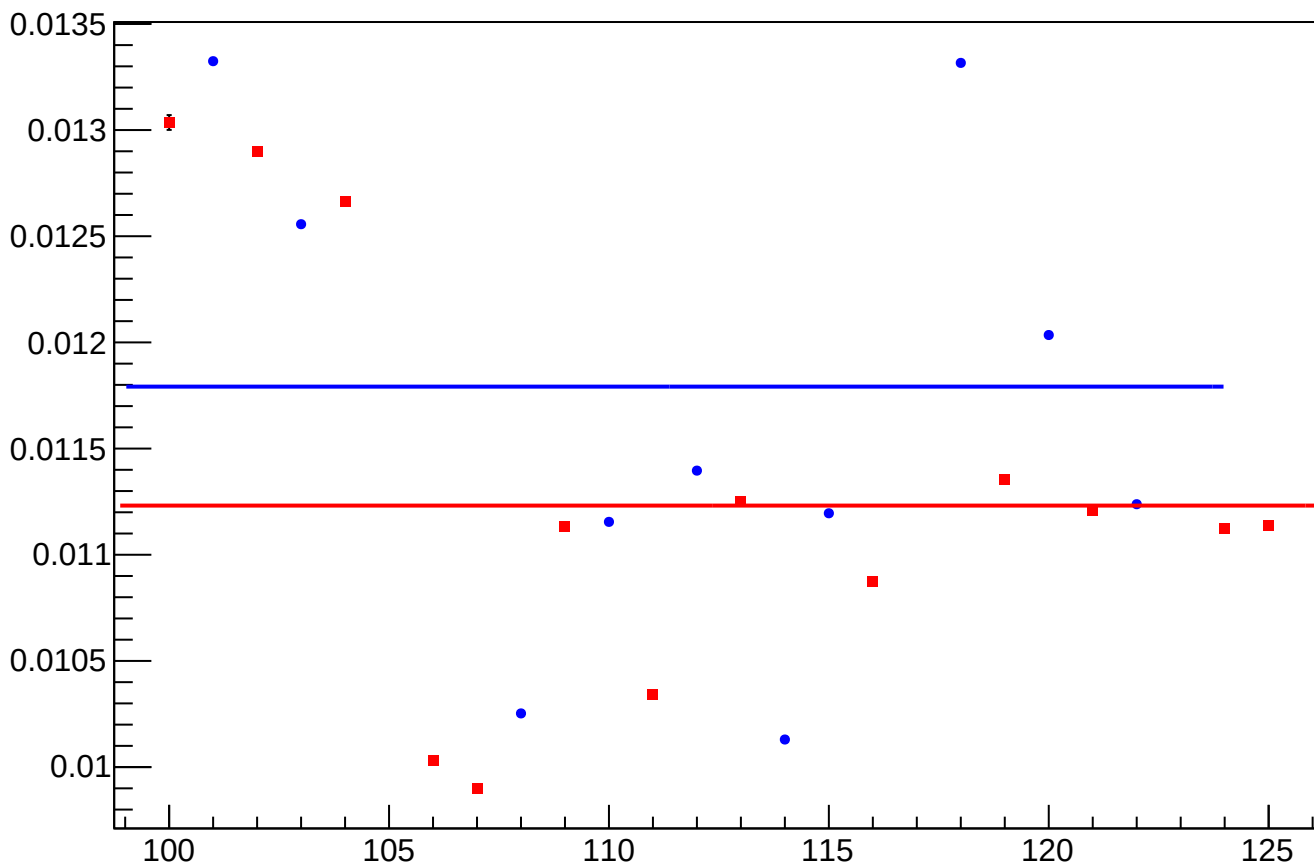
Right: -0.301+/-0.000 χ^2/NDF : 2609423900.8/22

In: -0.263+/-0.000 χ^2/NDF :944319465.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.301+/-0.000 χ^2/NDF : 2609423900.8/22

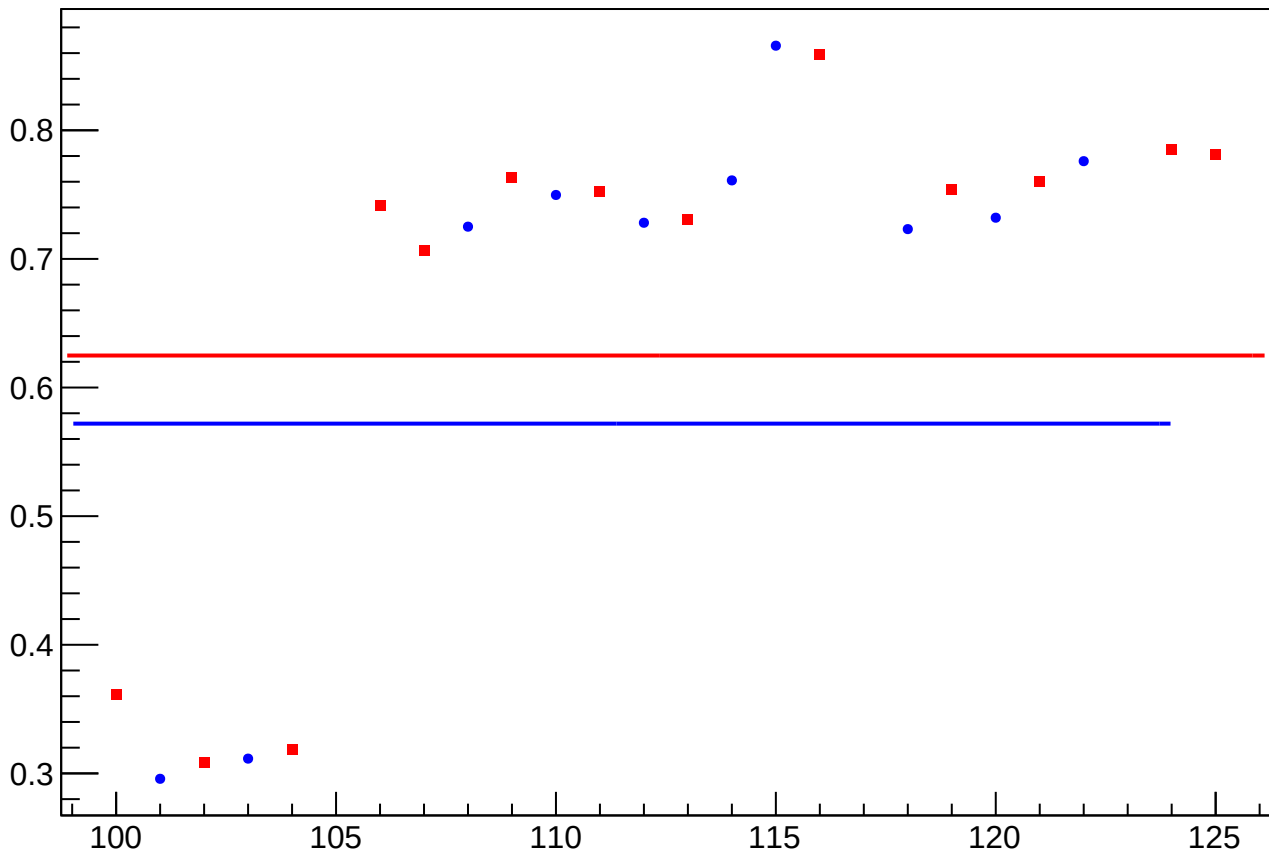
yield_bpm0l07X_rms vs Slug, Sign Corrected



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 : 61472.0/12
 Left 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 : 136094.5/22
 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 : 136094.5/22

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: 0.625+/-0.000 χ^2/NDF : 29231473962.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

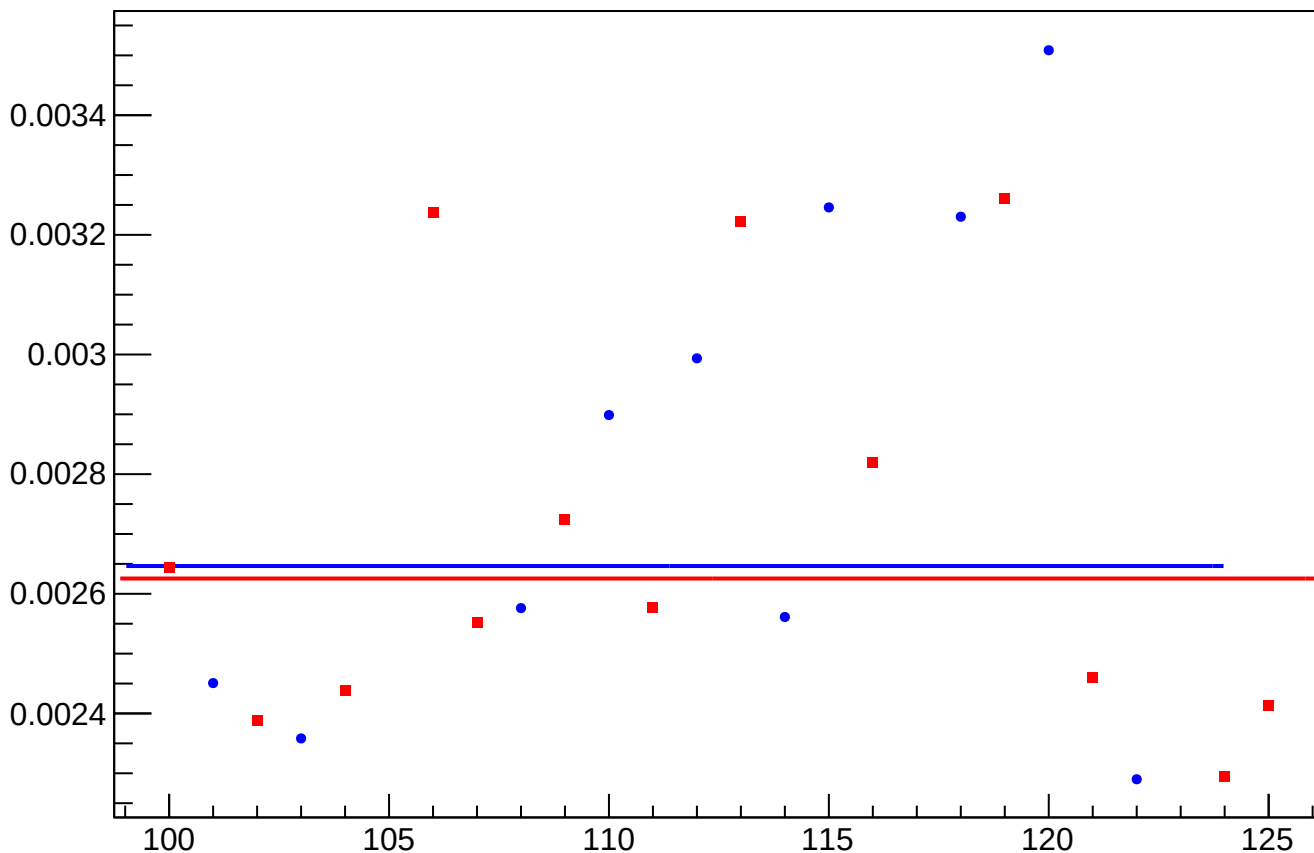
Right: 0.601+/-0.000 χ^2/NDF : 55870408853.9/22

In: 0.572+/-0.000 χ^2/NDF : 25797603708.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.601+/-0.000 χ^2/NDF : 55870408853.9/22

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 : 123469.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

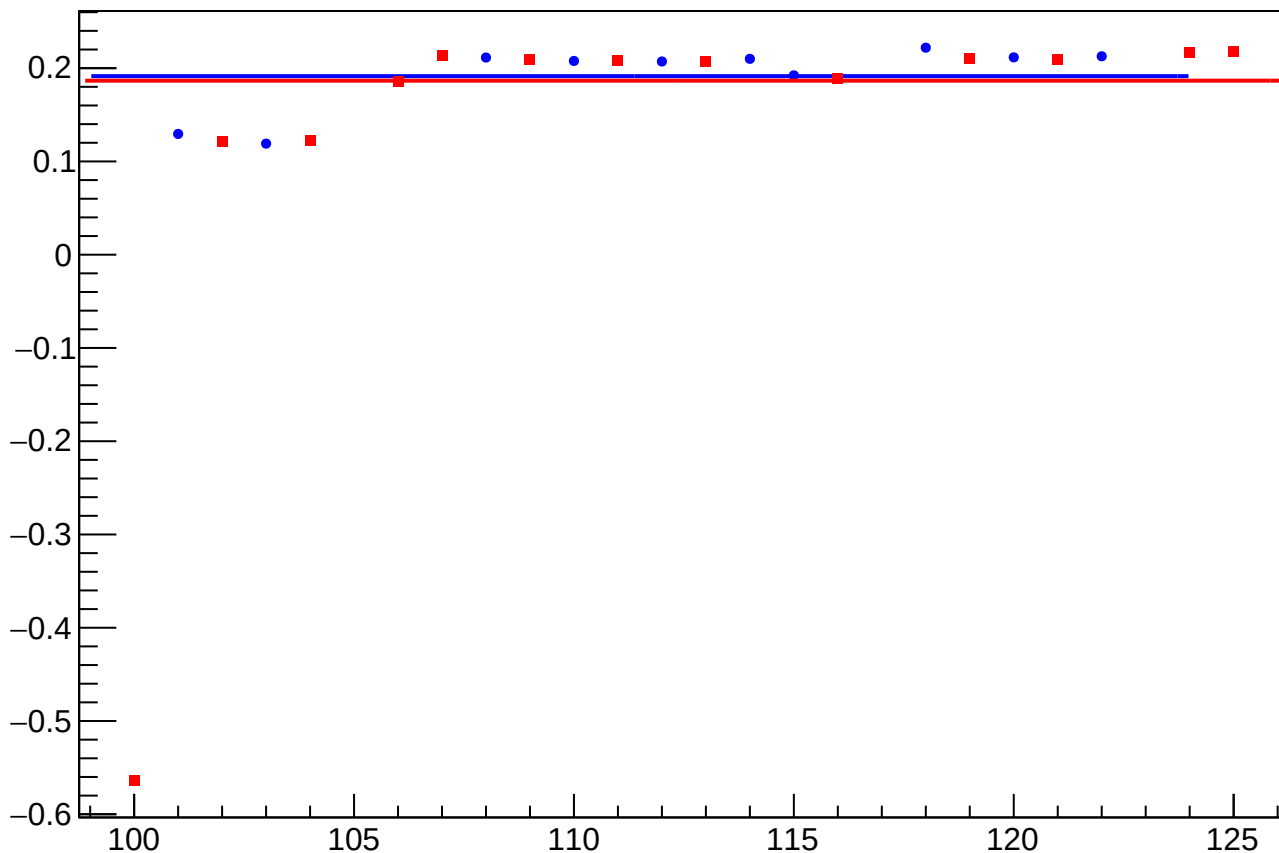
Right: 0.003+/-0.000 χ^2/NDF : 265785.7/22

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 : 265785.7/22

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: 0.187+/-0.000 χ^2/NDF : 339254341.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

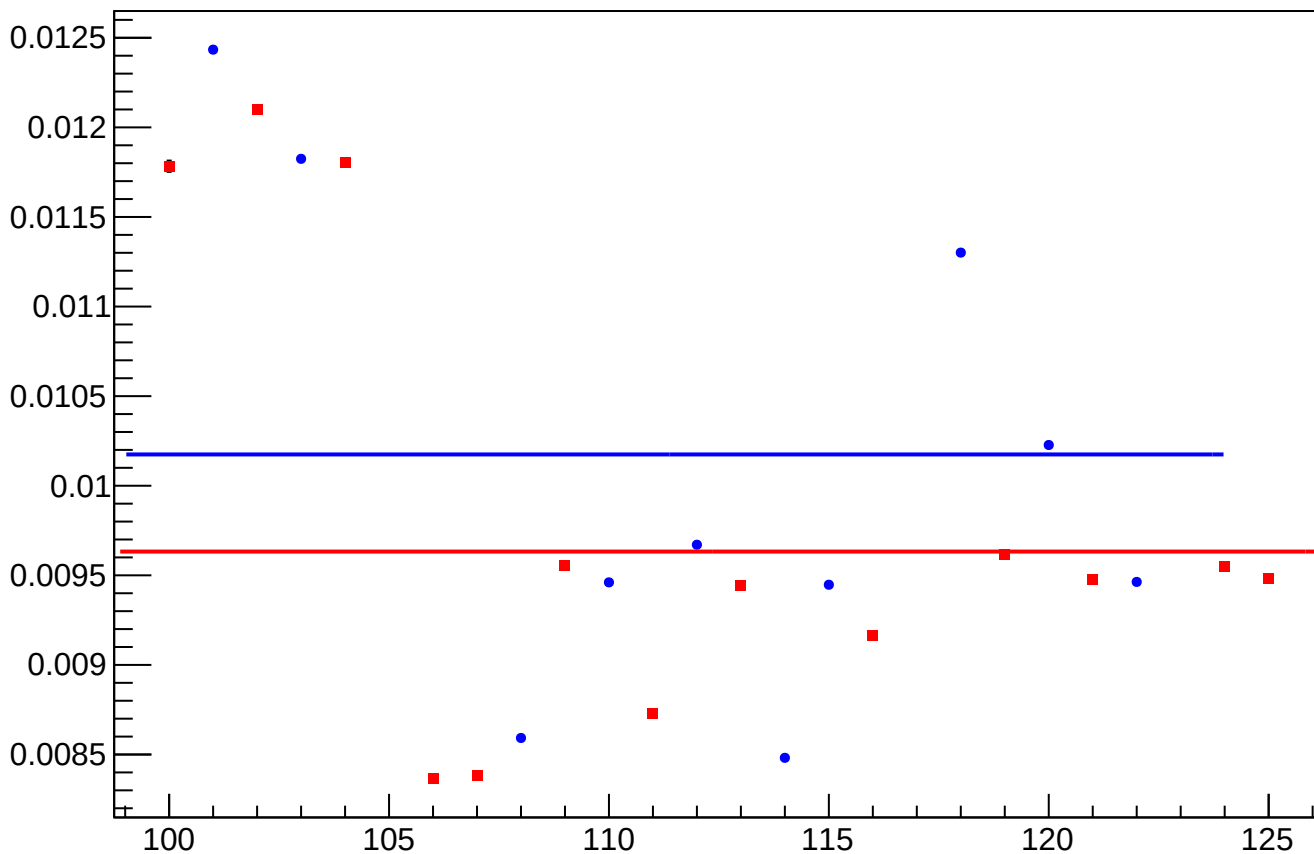
Right: 0.189+/-0.000 χ^2/NDF : 389618418.8/22

In: 0.191+/-0.000 χ^2/NDF :49852341.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.189+/-0.000 χ^2/NDF : 389618418.8/22

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 : 127304.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

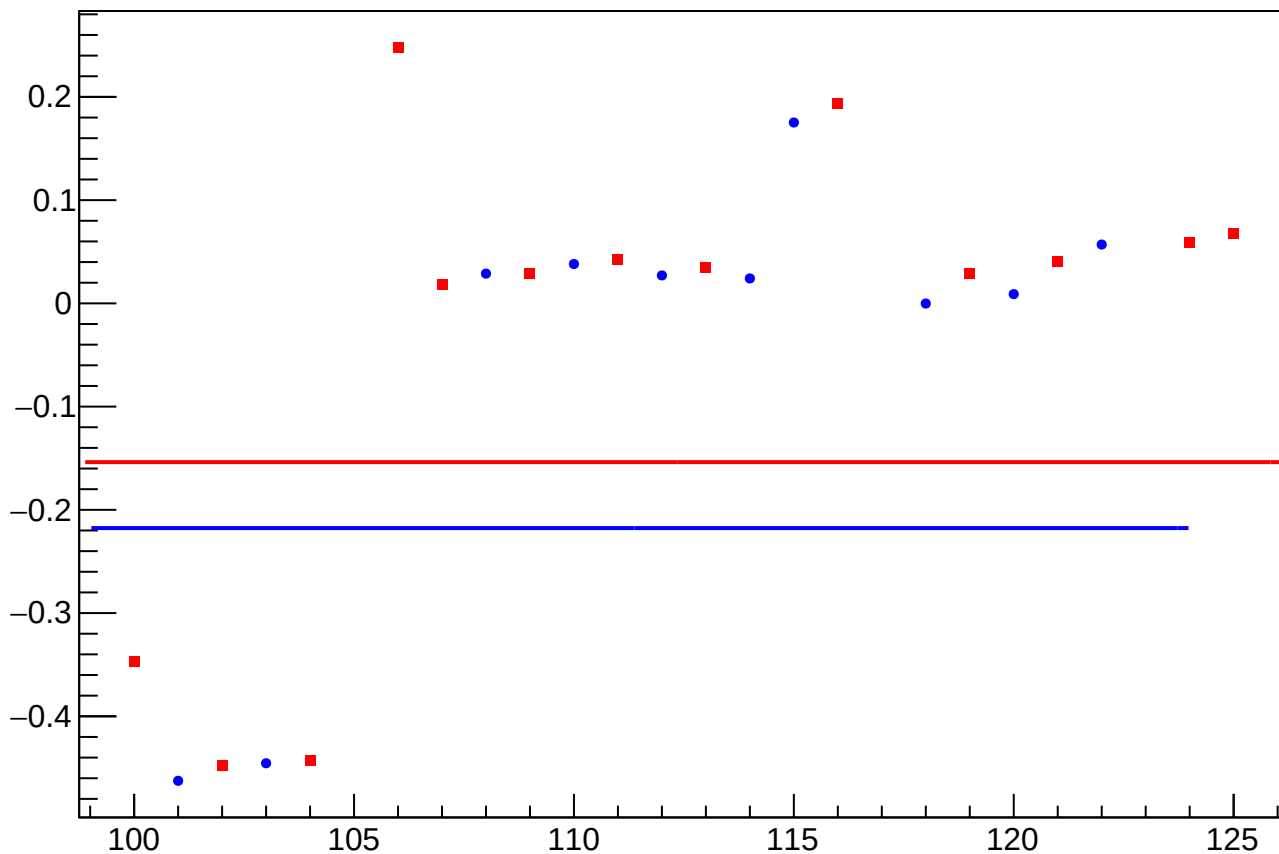
Right: 0.010+/-0.000 χ^2/NDF : 263198.1/22

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 : 263198.1/22

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: -0.154+/-0.000 χ^2/NDF : 13579805300.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

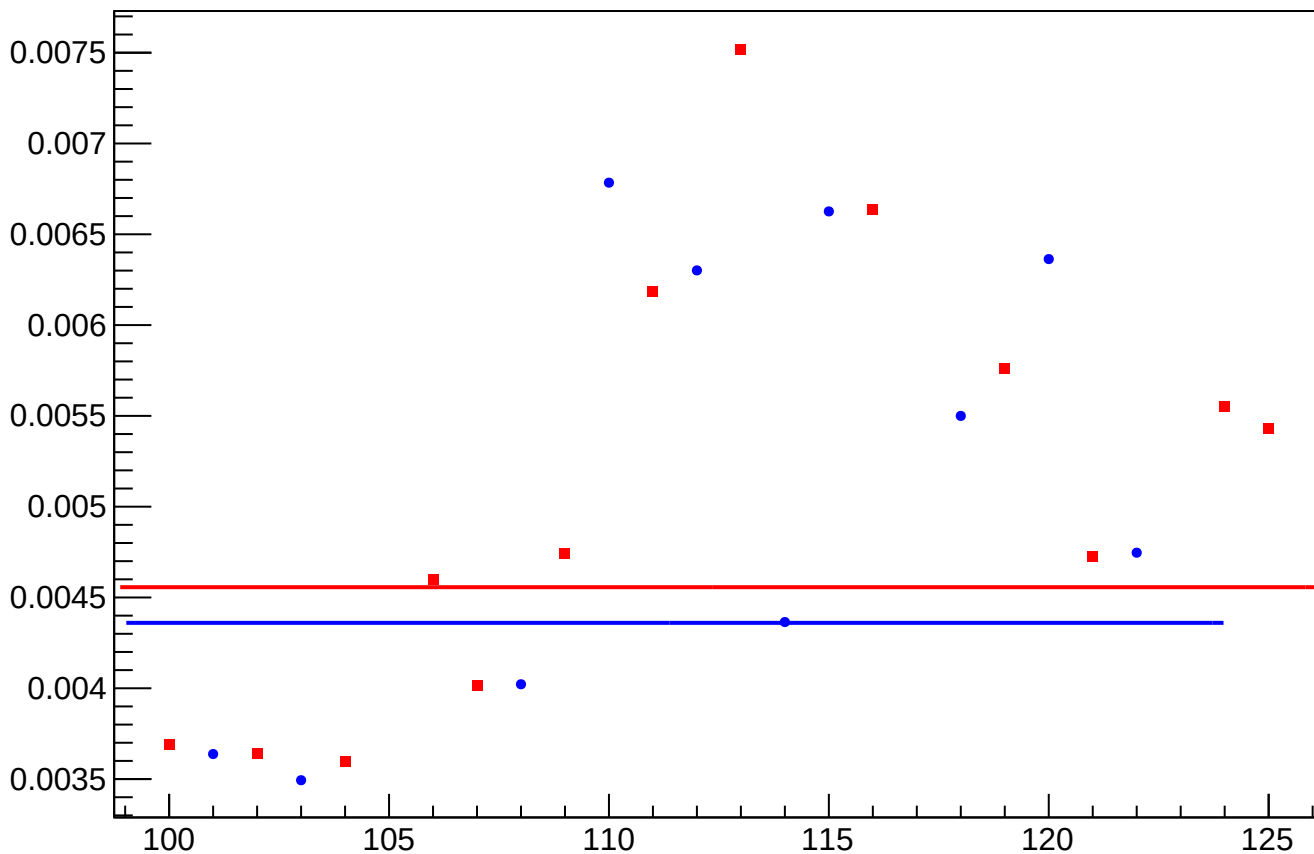
Right: -0.184+/-0.000 χ^2/NDF : 25122283670.5/22

In: -0.218+/-0.000 χ^2/NDF :11137371388.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.184+/-0.000 χ^2/NDF : 25122283670.5/22

yield_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 432946.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 479442.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

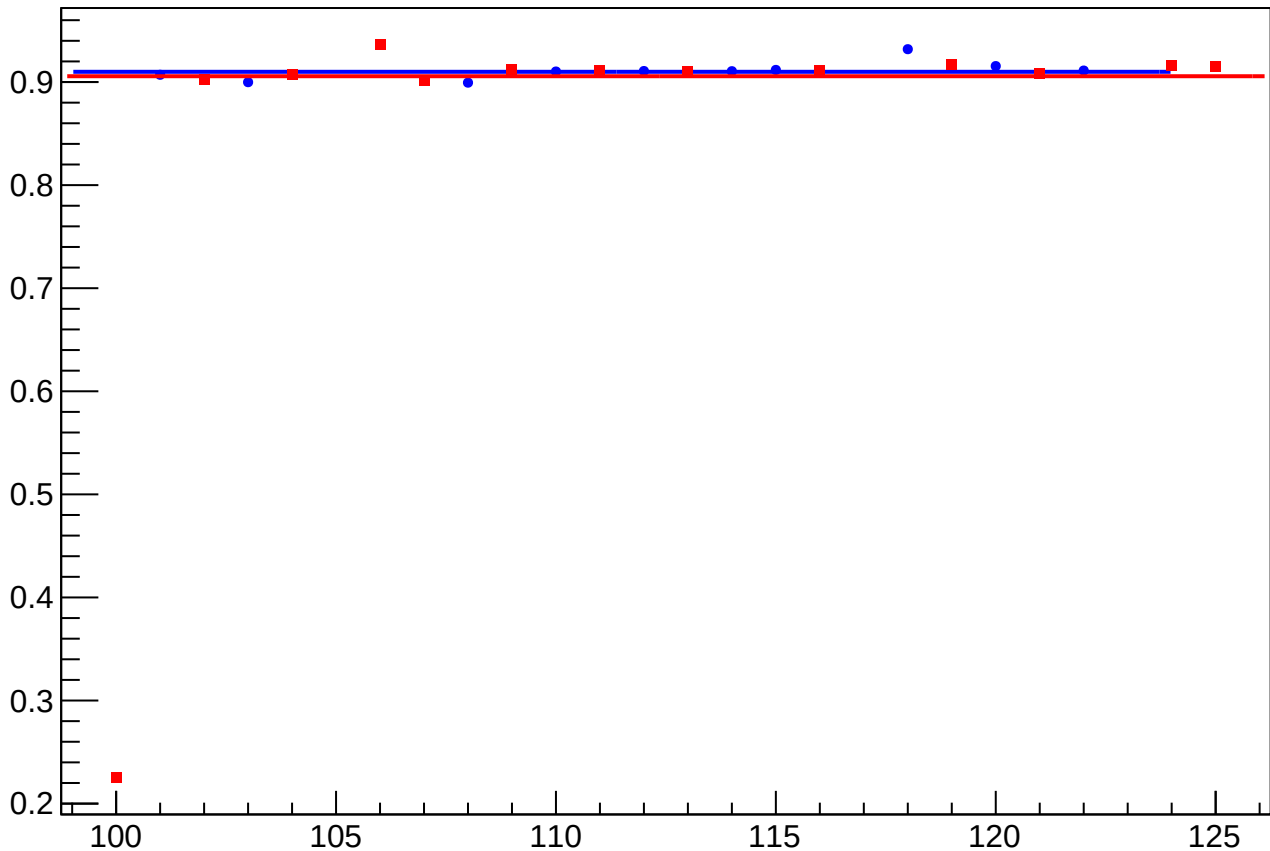
Right: 0.004+/-0.000 χ^2/NDF : 920036.0/22

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 : 920036.0/22

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: 0.906+/-0.000 χ^2/NDF : 218134247.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

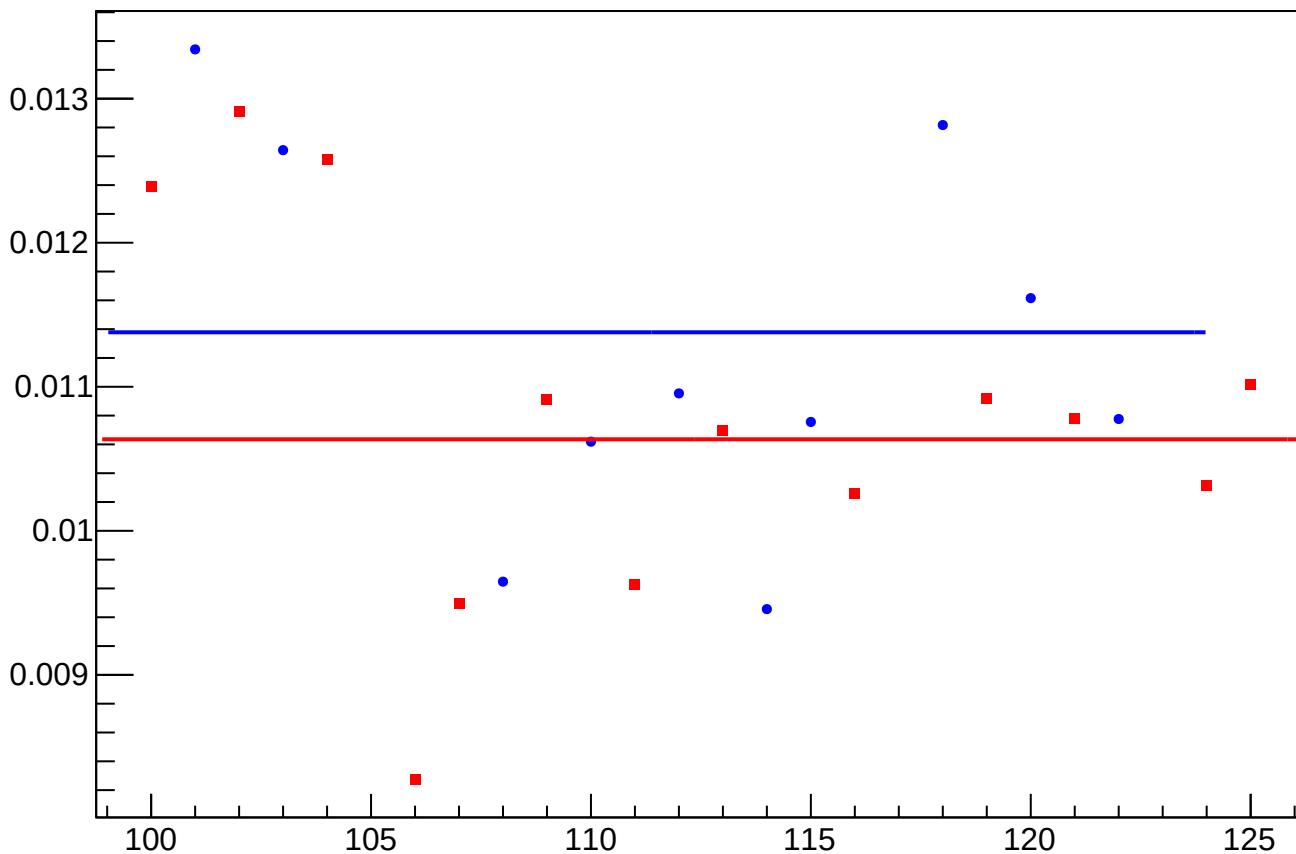
Right: 0.907+/-0.000 χ^2/NDF : 220853653.3/22

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 : 220853653.3/22

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 : 136299.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

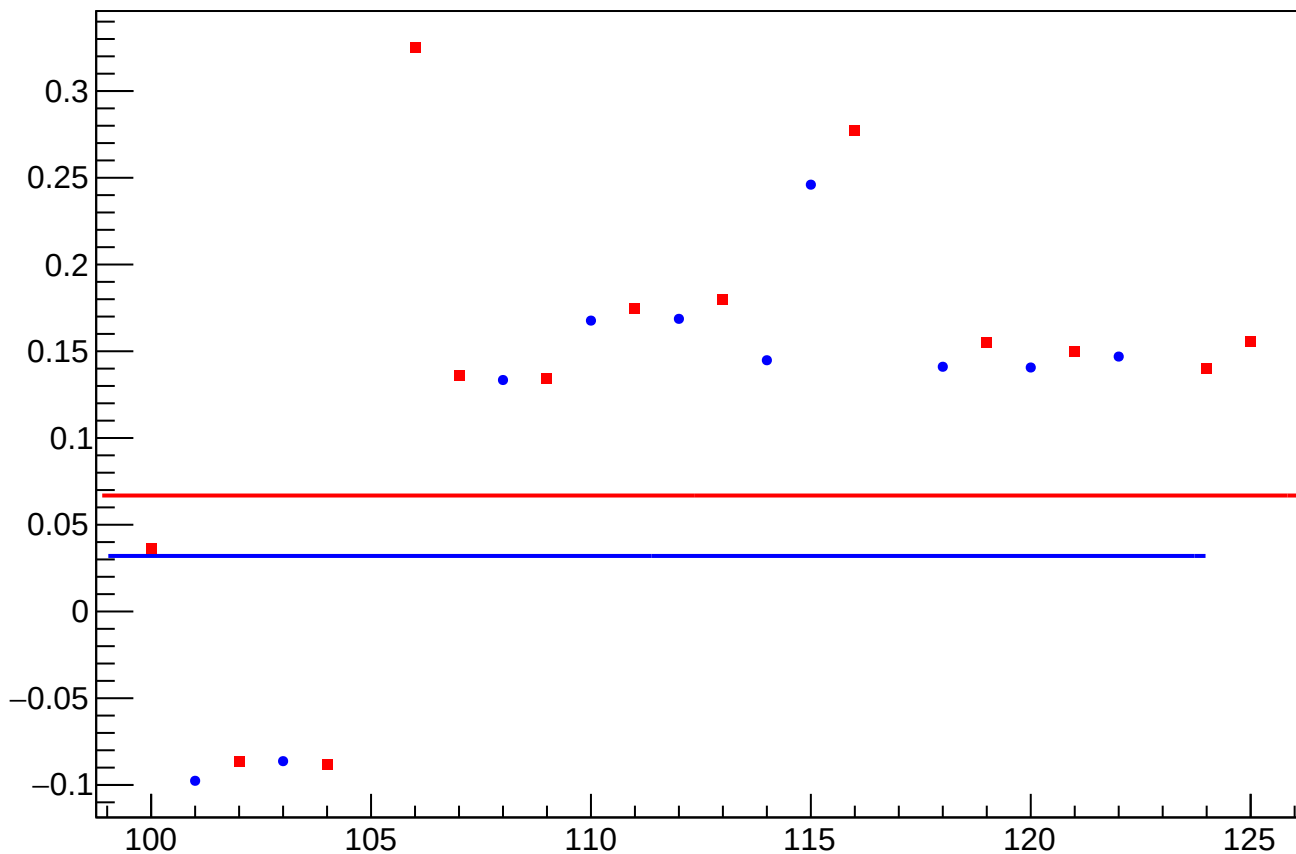
Right: 0.011+/-0.000 χ^2/NDF : 250457.5/22

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 : 250457.5/22

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: 0.032+/-0.000

χ^2/NDF : 2369127186.4/9

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.050+/-0.000

χ^2/NDF : 5614983860.5/22

Right Out: 0.067+/-0.000

χ^2/NDF : 3140973792.1/12

In: 0.032+/-0.000

χ^2/NDF : 2369127186.4/9

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

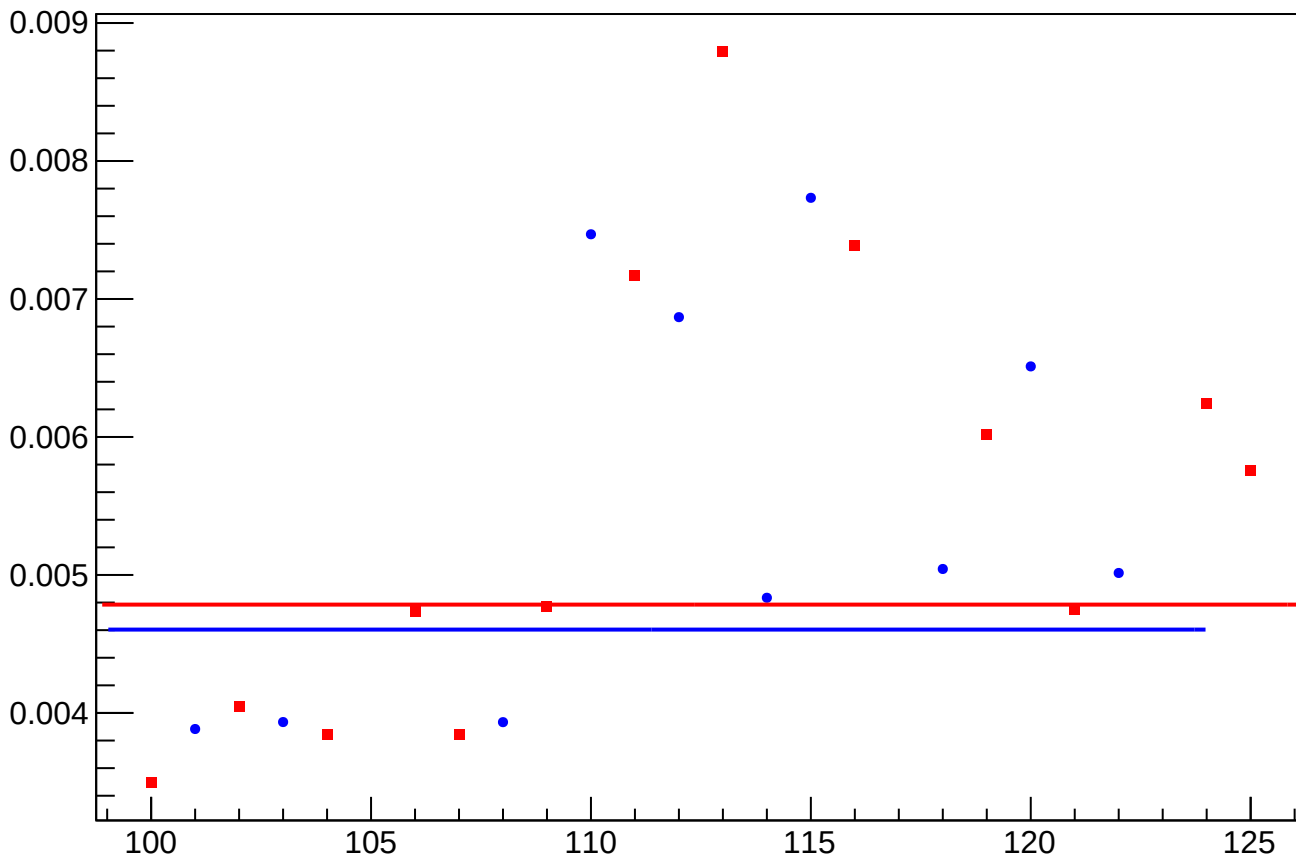
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.050+/-0.000

χ^2/NDF : 5614983860.5/22

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 : 543154.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

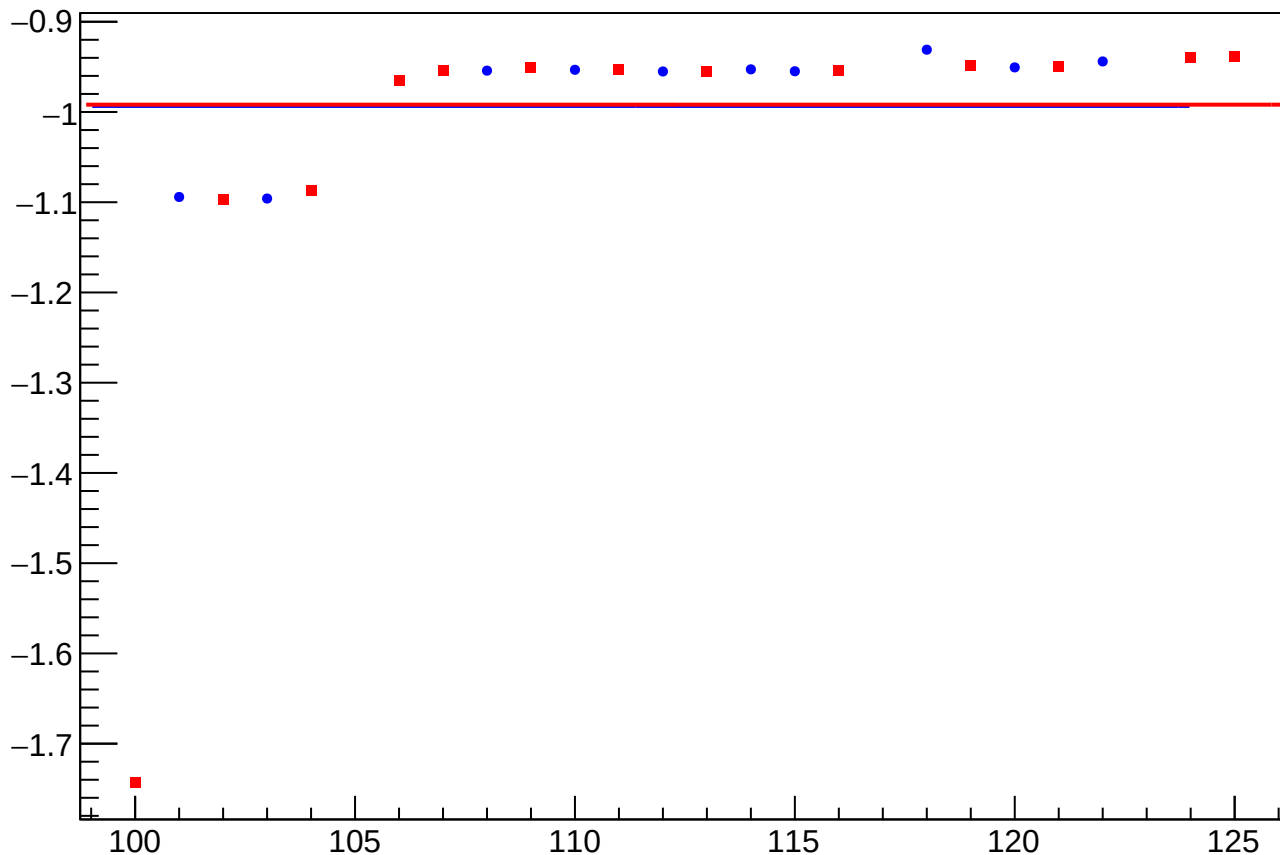
Right: 0.005+/-0.000 χ^2/NDF : 939209.4/22

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 : 939209.4/22

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: -0.992+/-0.000 χ^2/NDF : 423844188.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

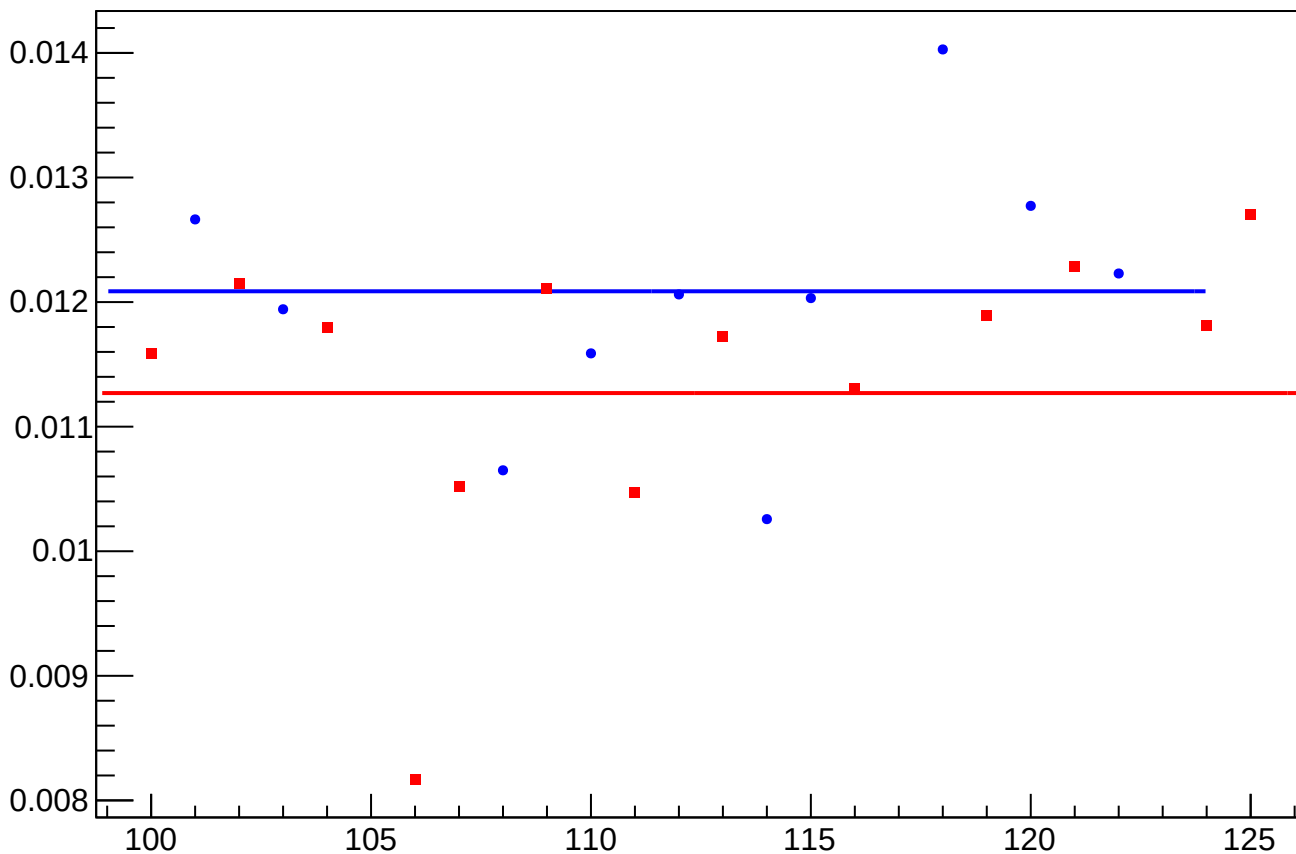
Right: -0.992+/-0.000 χ^2/NDF : 544702383.5/22

In: -0.993+/-0.000 χ^2/NDF : 120828357.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.992+/-0.000 χ^2/NDF : 544702383.5/22

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 : 130918.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

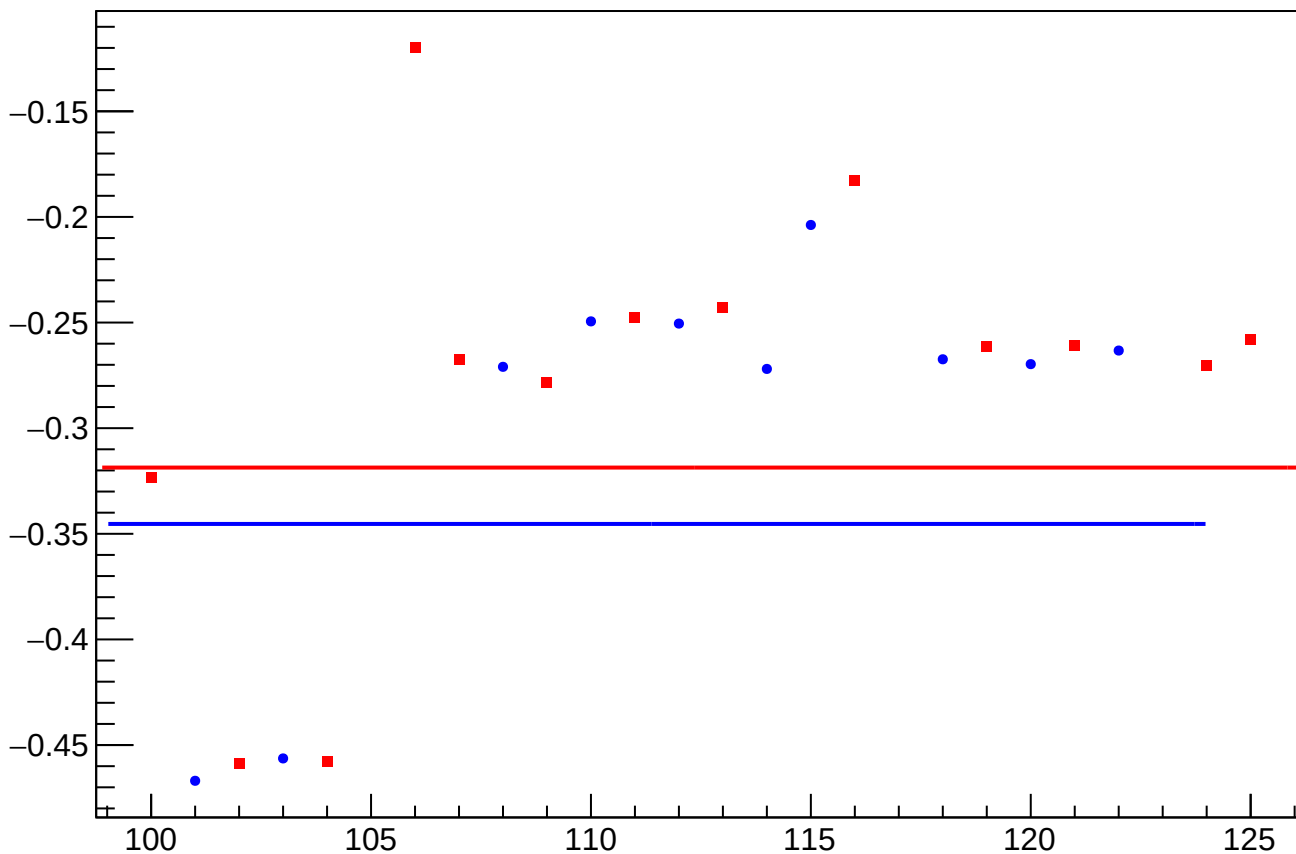
Right: 0.012+/-0.000 χ^2/NDF : 197960.5/22

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 : 197960.5/22

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: -0.319+/-0.000 χ^2/NDF : 2535430814.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

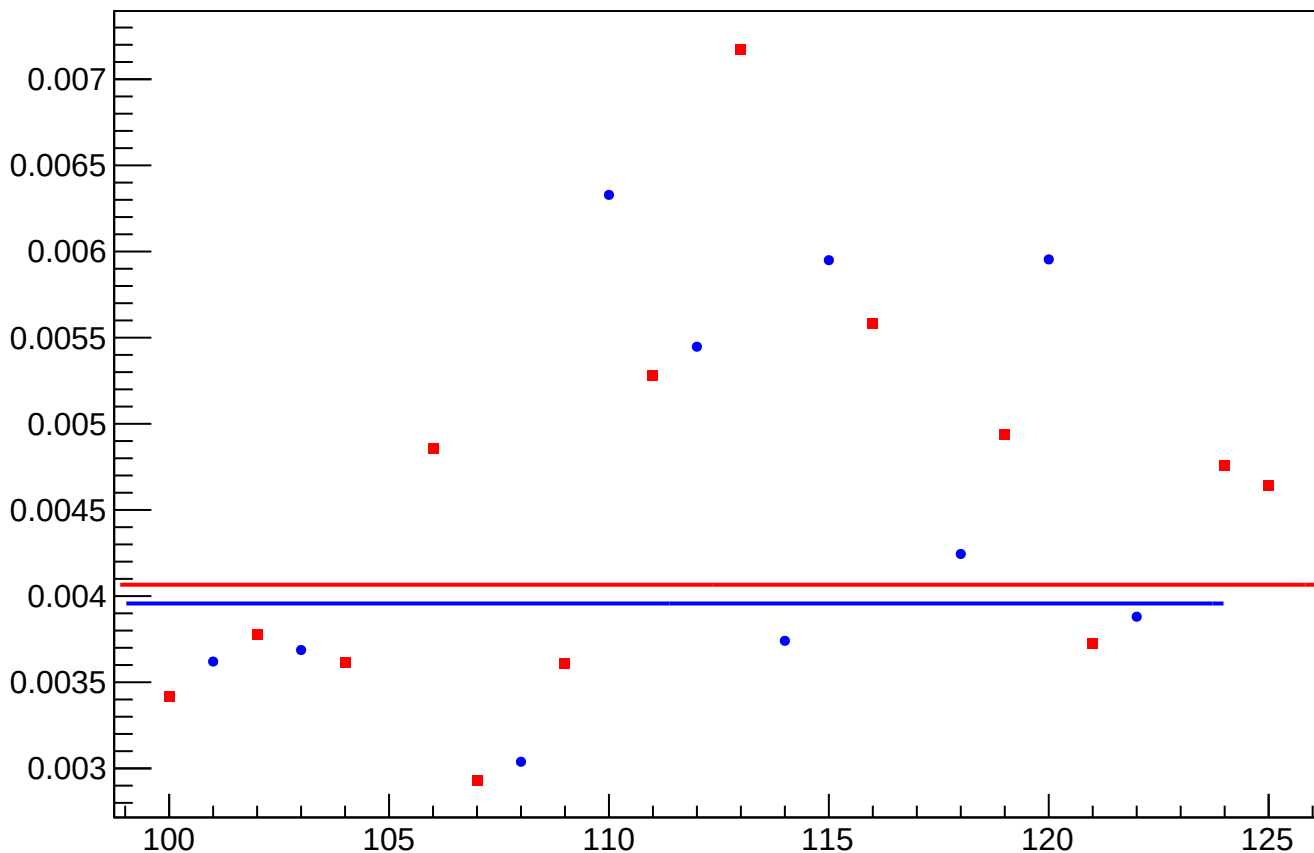
Right: -0.331+/-0.000 χ^2/NDF : 4731644459.5/22

In: -0.345+/-0.000 χ^2/NDF :2111881302.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.331+/-0.000 χ^2/NDF : 4731644459.5/22

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 : 411487.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

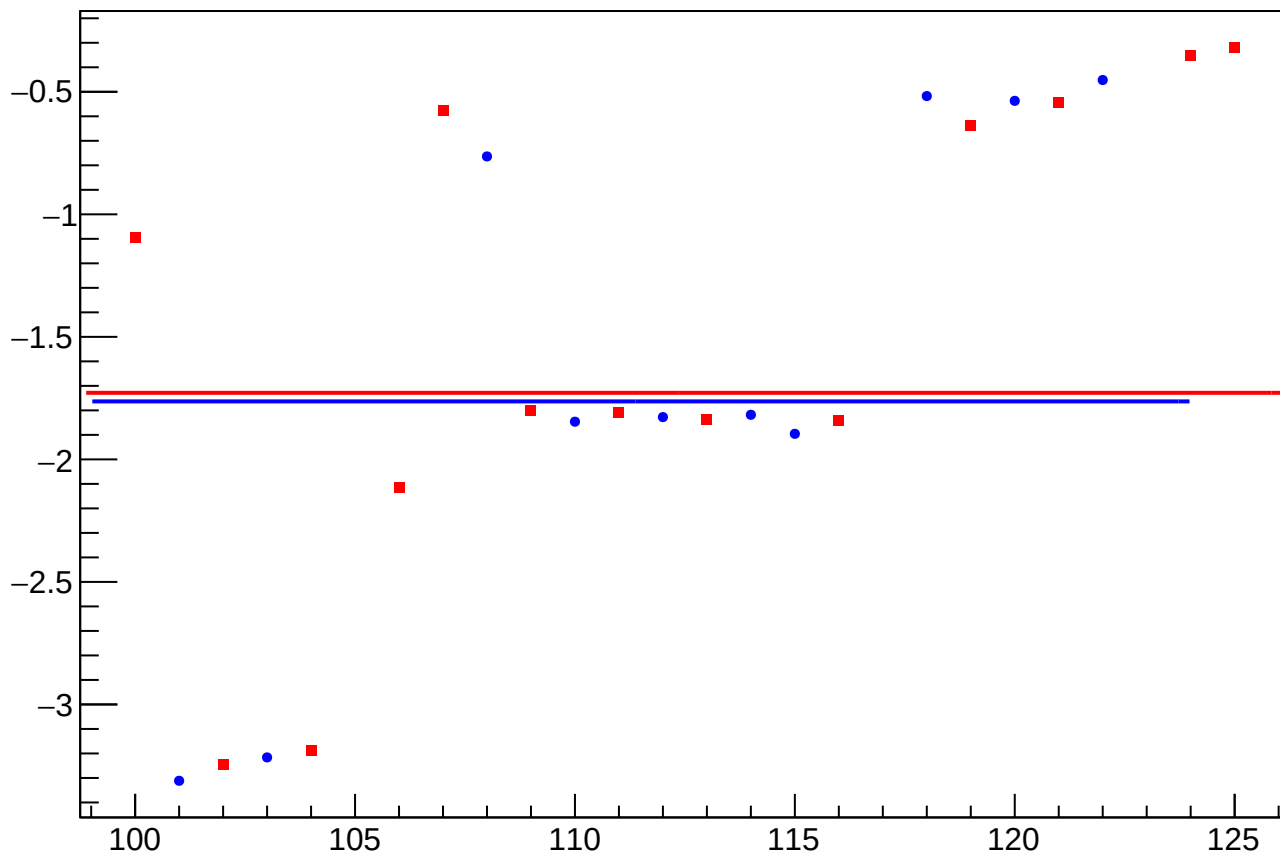
Right: 0.004+/-0.000 χ^2/NDF : 755270.9/22

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 : 755270.9/22

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: -1.728+/-0.000 χ^2/NDF : 946901705.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

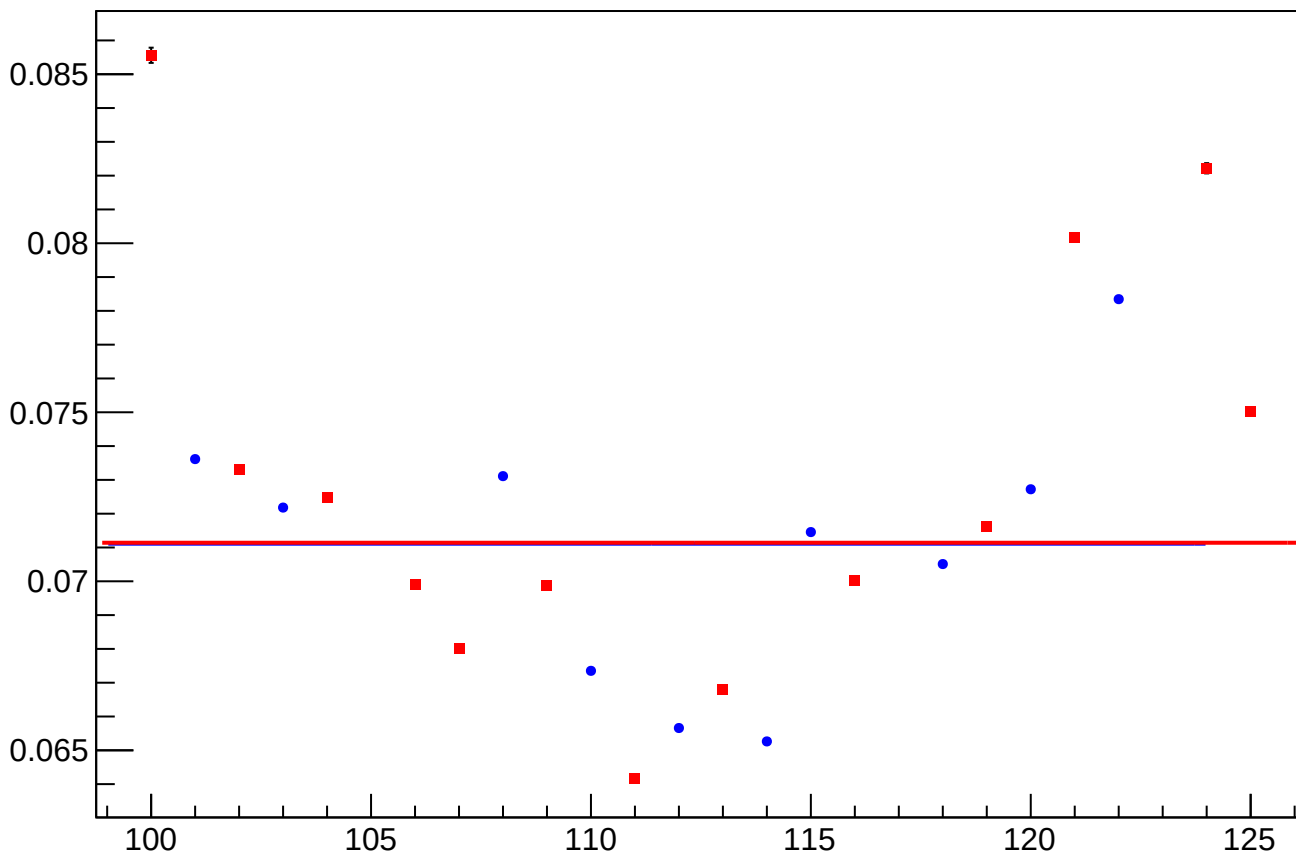
Right: -1.744+/-0.000 χ^2/NDF : 1930901590.0/22

In: -1.763+/-0.000 χ^2/NDF :983458494.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.744+/-0.000 χ^2/NDF : 1930901590.0/22

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 : 39496.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

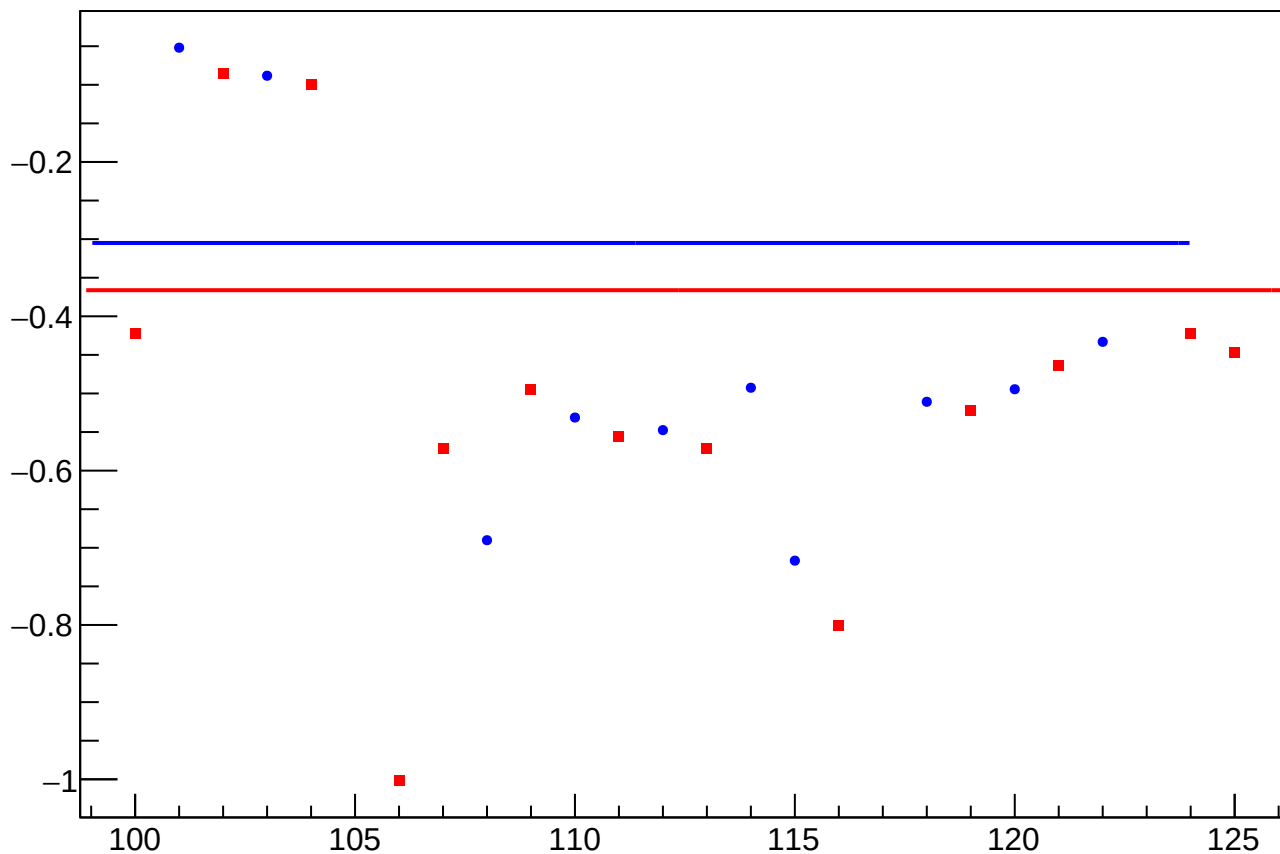
Right: 0.071+/-0.000 χ^2/NDF : 60220.2/22

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 : 60220.2/22

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: -0.366+/-0.000 χ^2/NDF : 2483877596.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

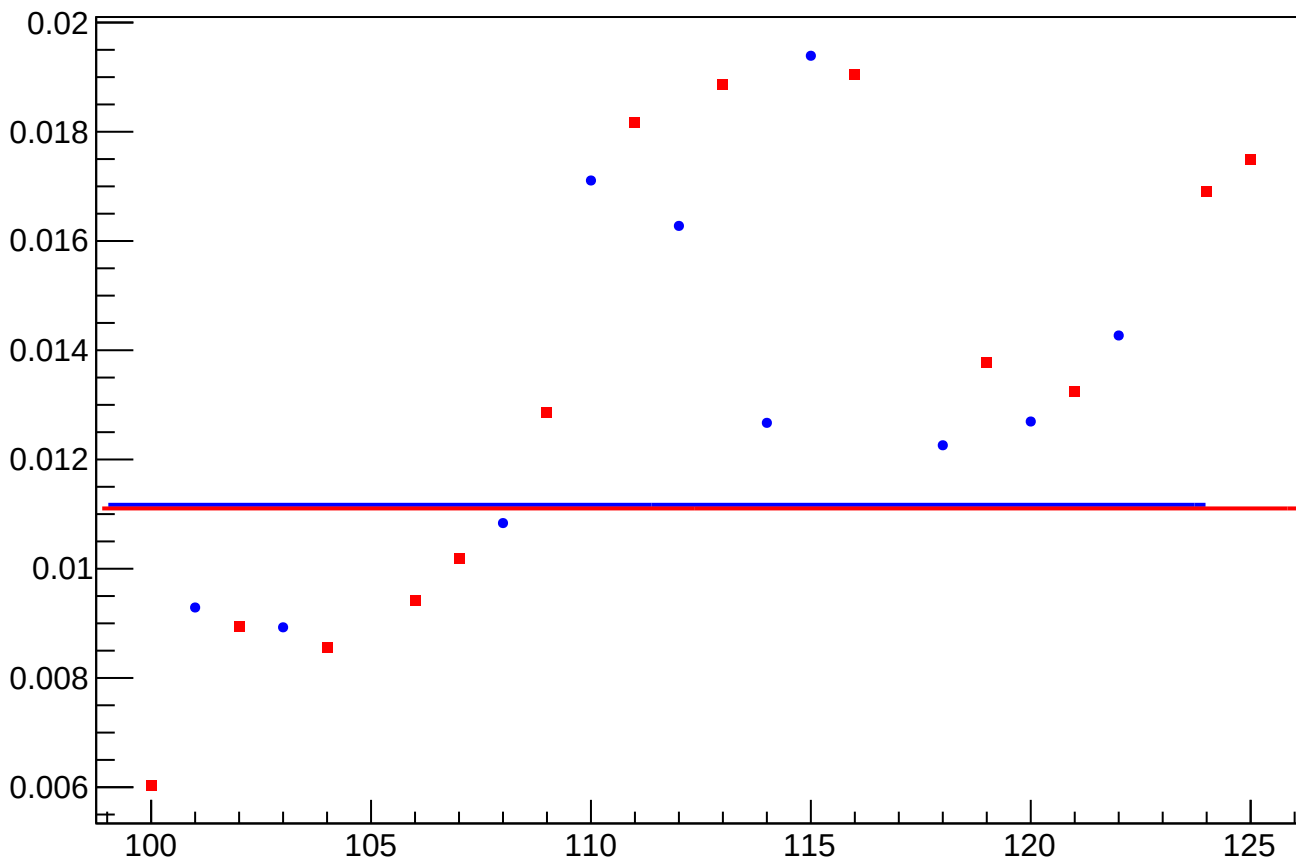
Right: -0.338+/-0.000 χ^2/NDF : 4295538358.8/22

In: -0.305+/-0.000 χ^2/NDF :1753555879.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.338+/-0.000 χ^2/NDF : 4295538358.8/22

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 : 819937.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

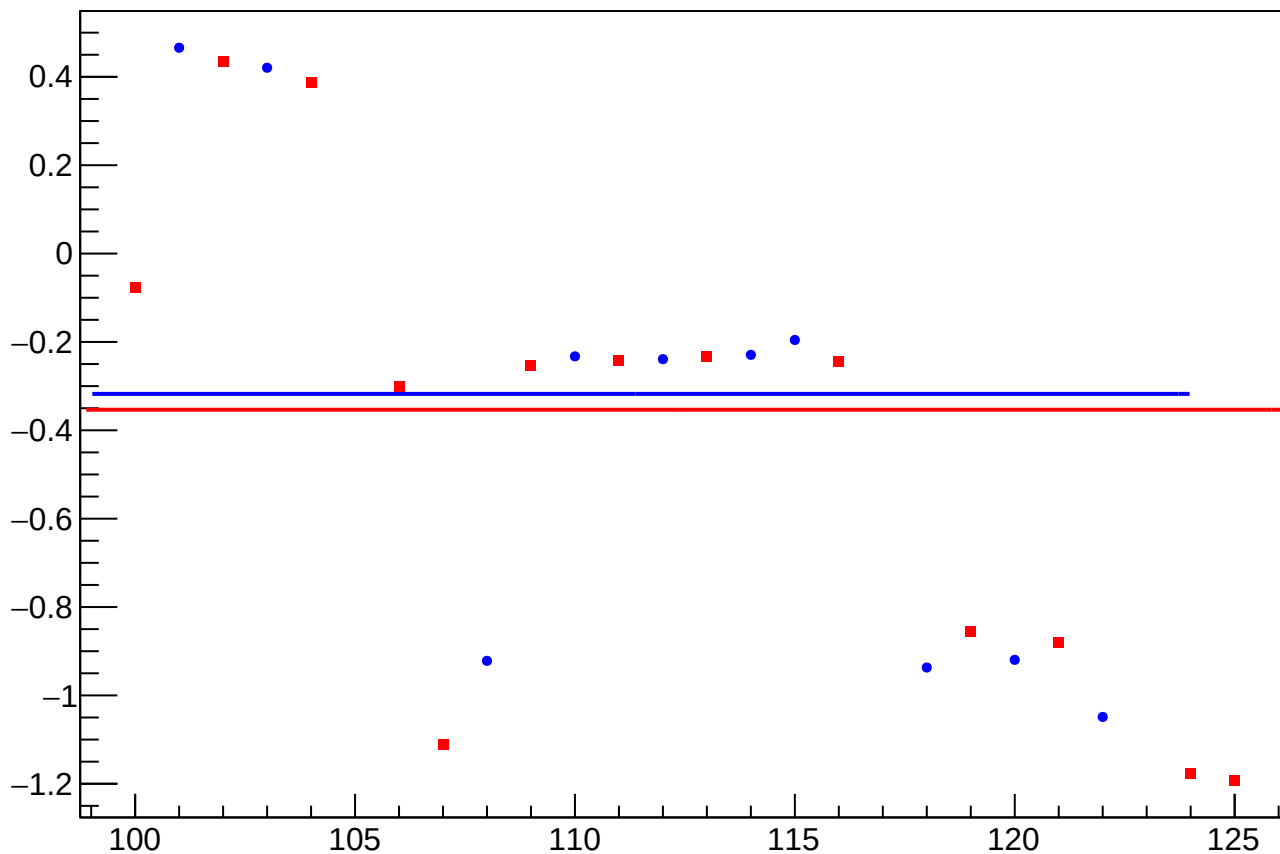
Right: 0.011+/-0.000 χ^2/NDF : 1210600.8/22

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 : 1210600.8/22

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: -0.353+/-0.000 χ^2/NDF : 184014678.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

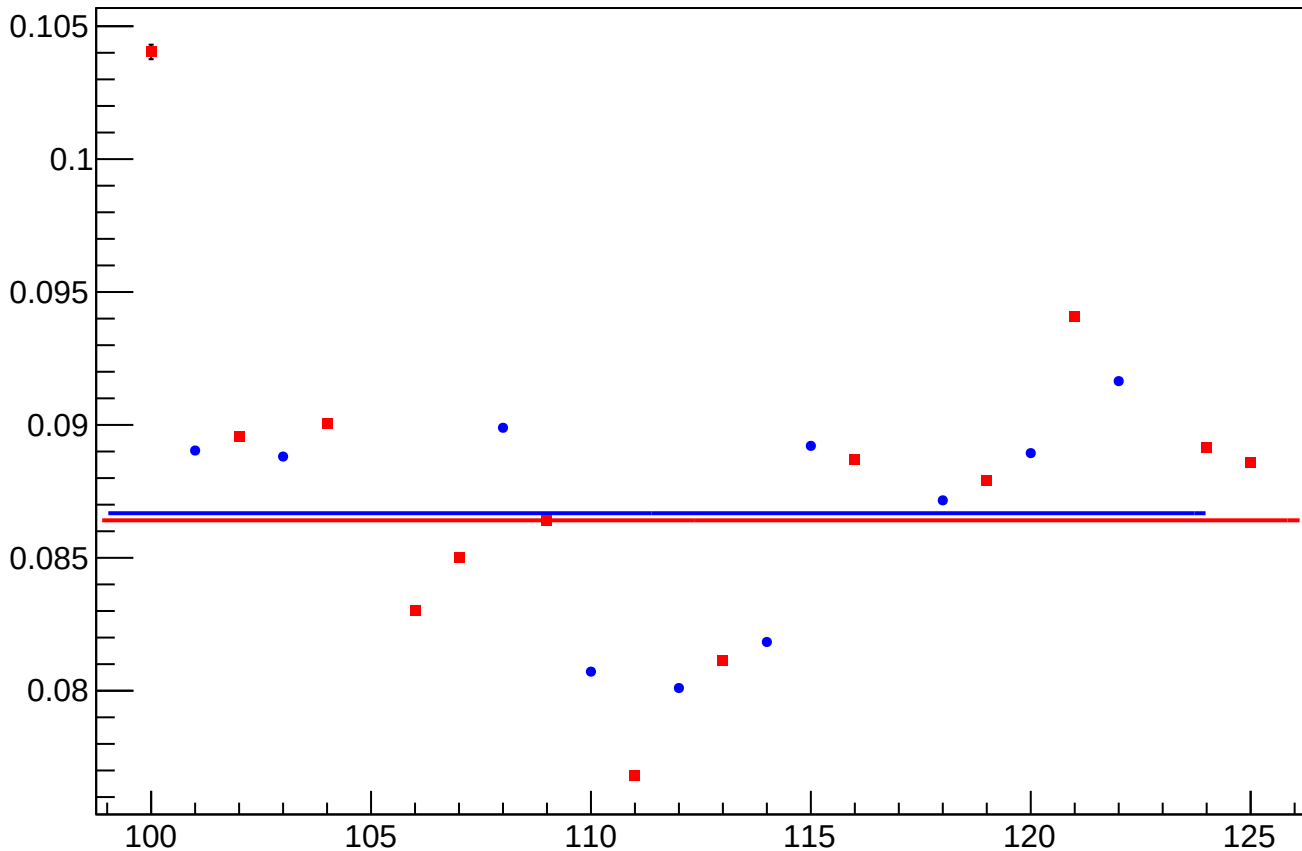
Right: -0.337+/-0.000 χ^2/NDF : 365113618.3/22

In: -0.318+/-0.000 χ^2/NDF :180713679.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.337+/-0.000 χ^2/NDF : 365113618.3/22

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 : 33707.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

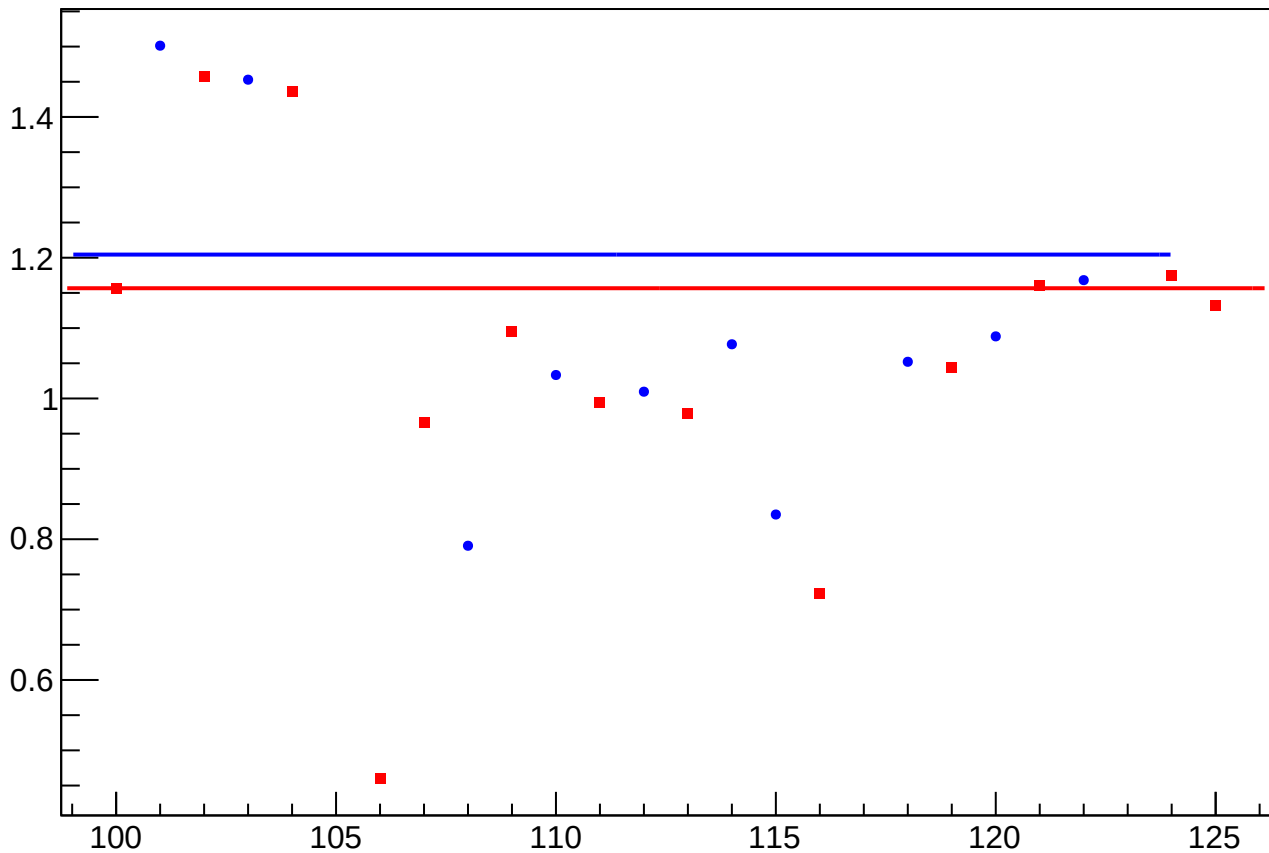
Right: 0.087+/-0.000 χ^2/NDF : 51135.3/22

In: 0.087+/-0.000 χ^2/NDF : 17384.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.087+/-0.000 χ^2/NDF : 51135.3/22

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

Right: 1.179+/-0.000 χ^2/NDF : 2477123595.8/22

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 1.204+/-0.000 χ^2/NDF : 1053076525.3/9

Right Out: 1.157+/-0.000 χ^2/NDF : 1403913094.5/12

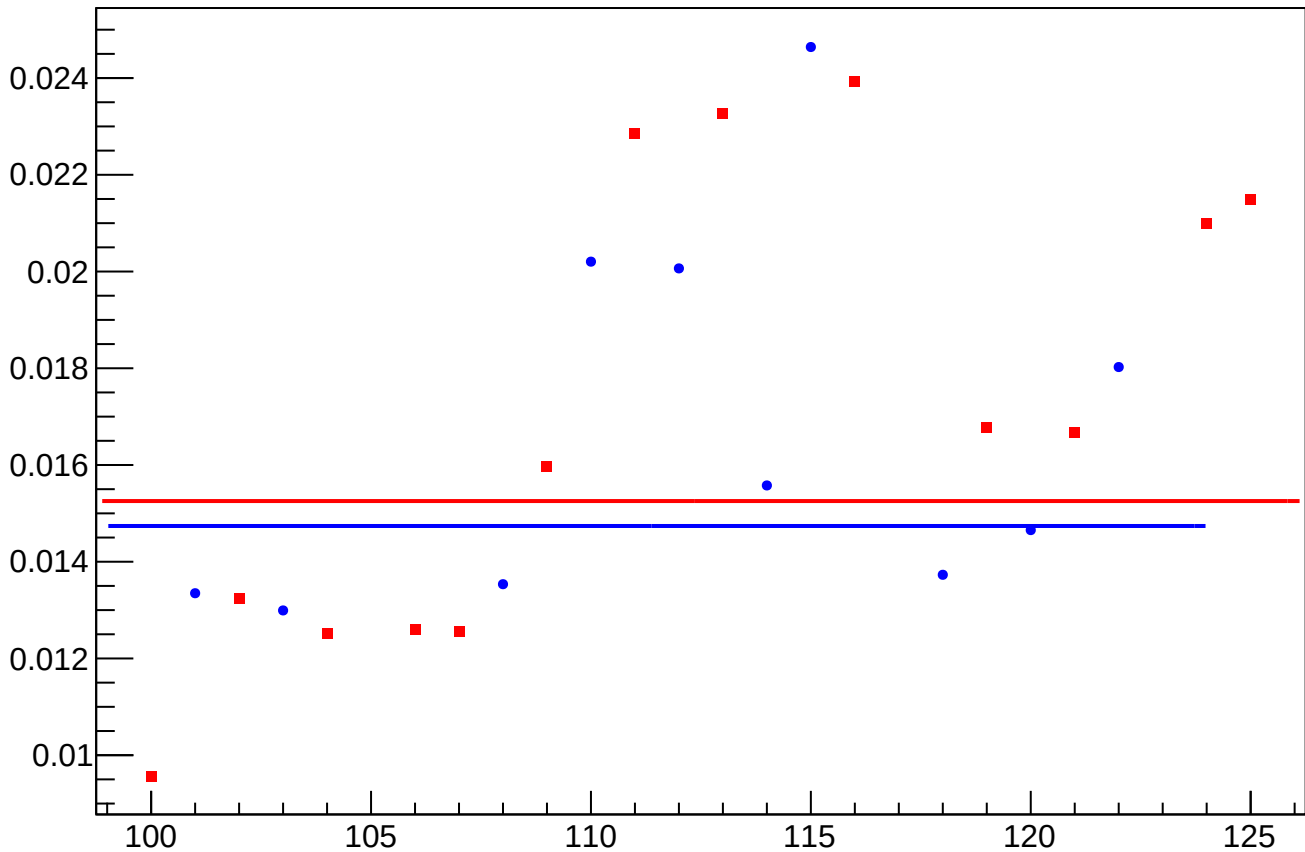
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.179+/-0.000 χ^2/NDF : 2477123595.8/22

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 : 504845.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

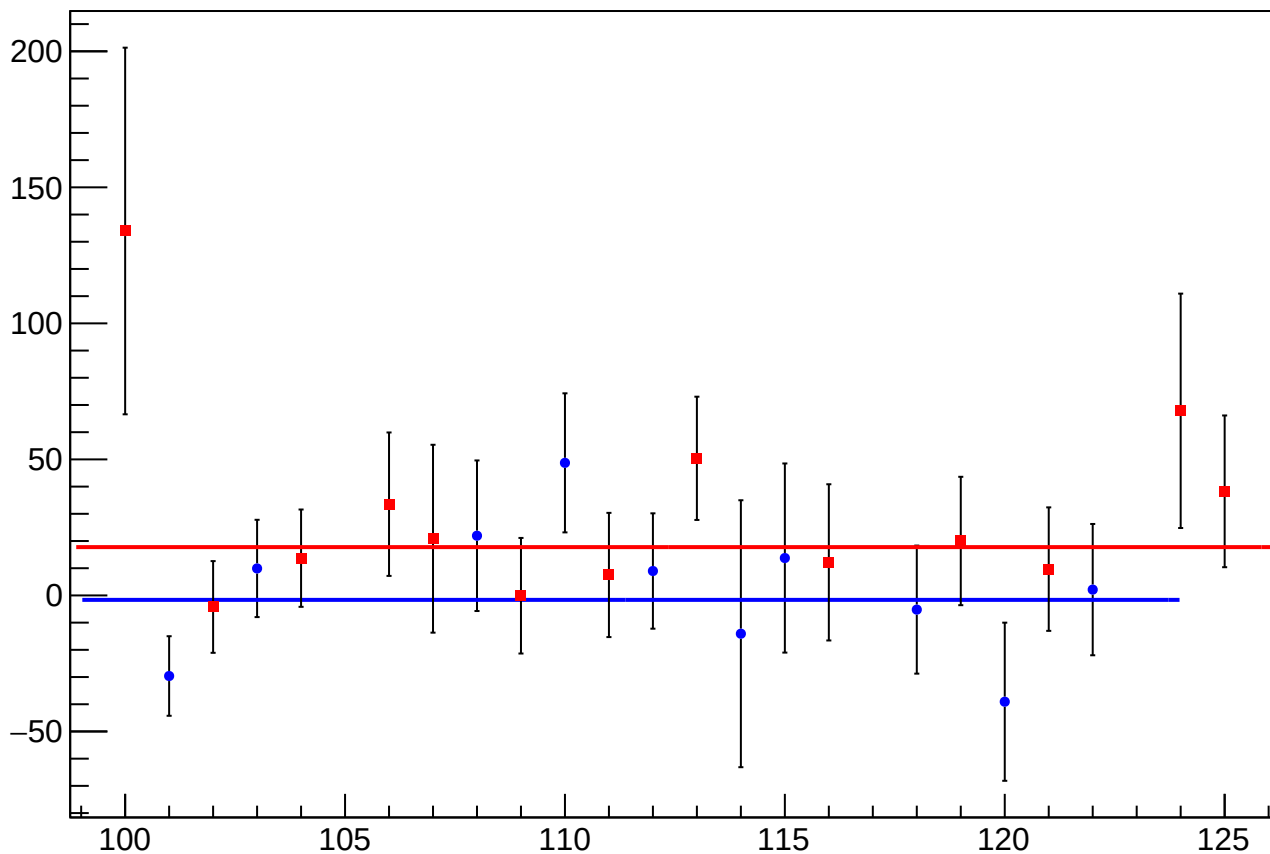
Right: 0.015+/-0.000 χ^2/NDF : 729165.4/22

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 : 729165.4/22

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: 17.757+/-6.741 χ^2/NDF : 10.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

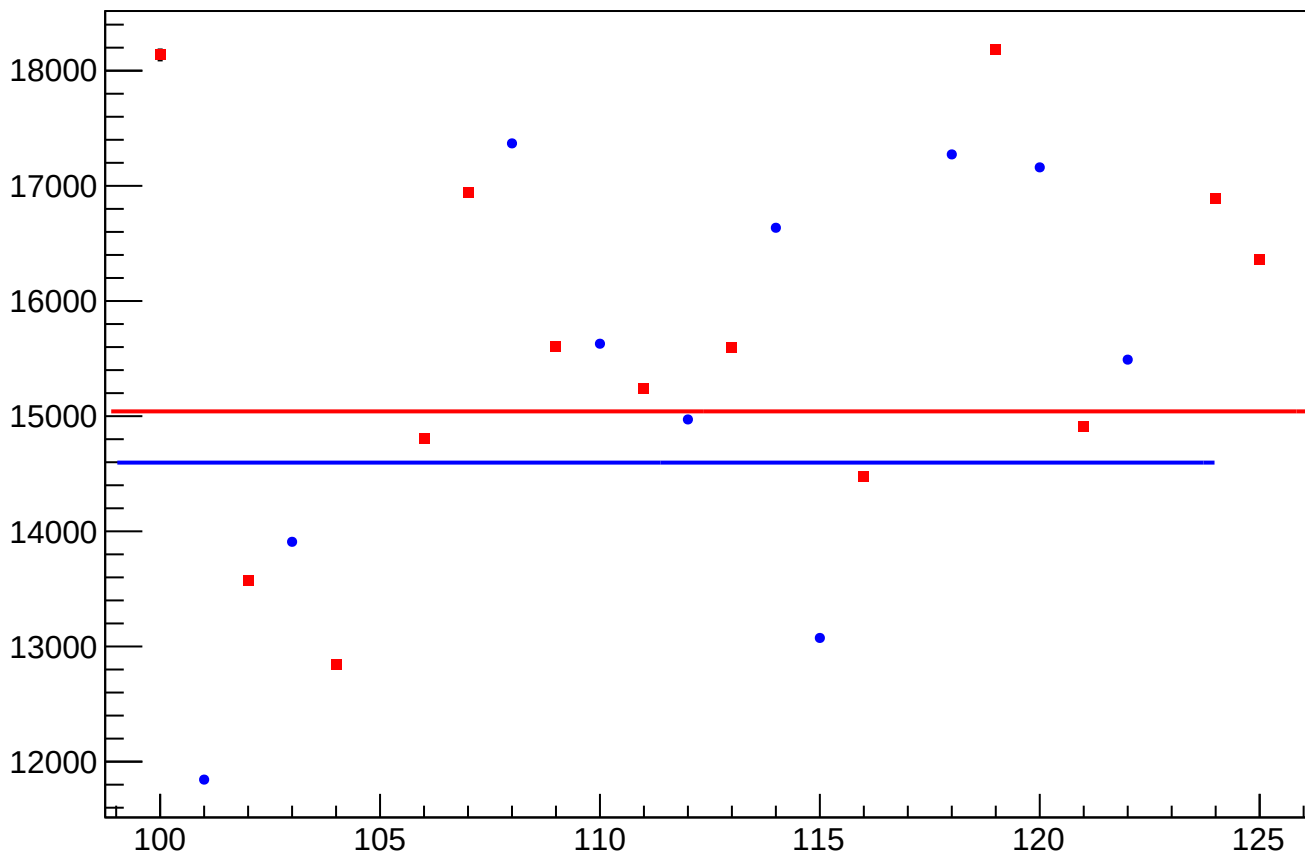
Right: 8.819+/-4.950 χ^2/NDF : 24.9/22

In: -1.635+/-7.290 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.819+/-4.950 χ^2/NDF : 24.9/22

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: 15041.539+/-4.767 χ^2/NDF : 102952.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

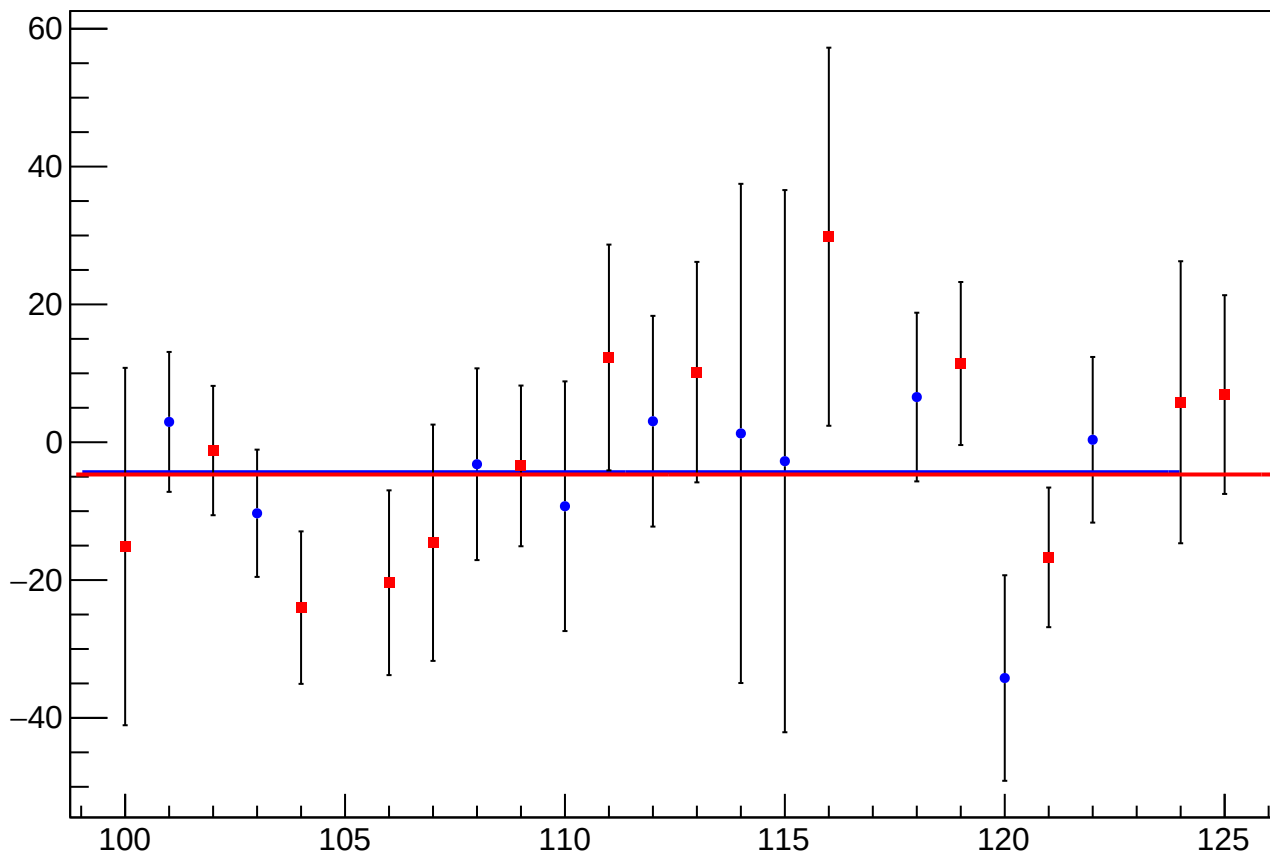
Right: 14836.514+/-3.500 χ^2/NDF : 256222.9/22

In: 14596.745+/-5.155 χ^2/NDF : 149257.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14836.514+/-3.500 χ^2/NDF : 256222.9/22

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: -4.679 ± 3.769 χ^2/NDF : 12.8/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

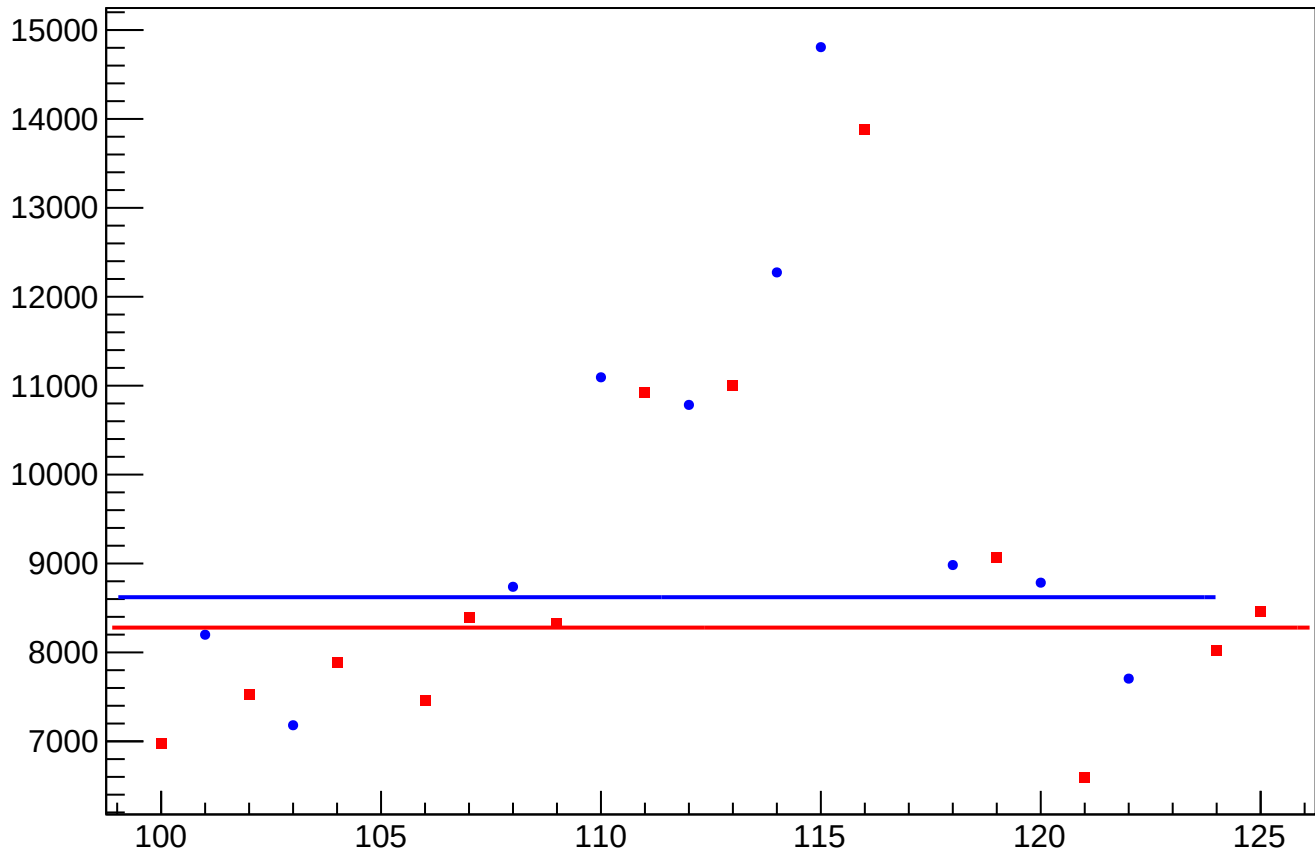
Right: -4.537 ± 2.842 χ^2/NDF : 19.0/22

In: -4.349 ± 4.326 χ^2/NDF : 6.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.537 ± 2.842 χ^2/NDF : 19.0/22

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: 8279.078+/-2.665 χ^2/NDF : 285595.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

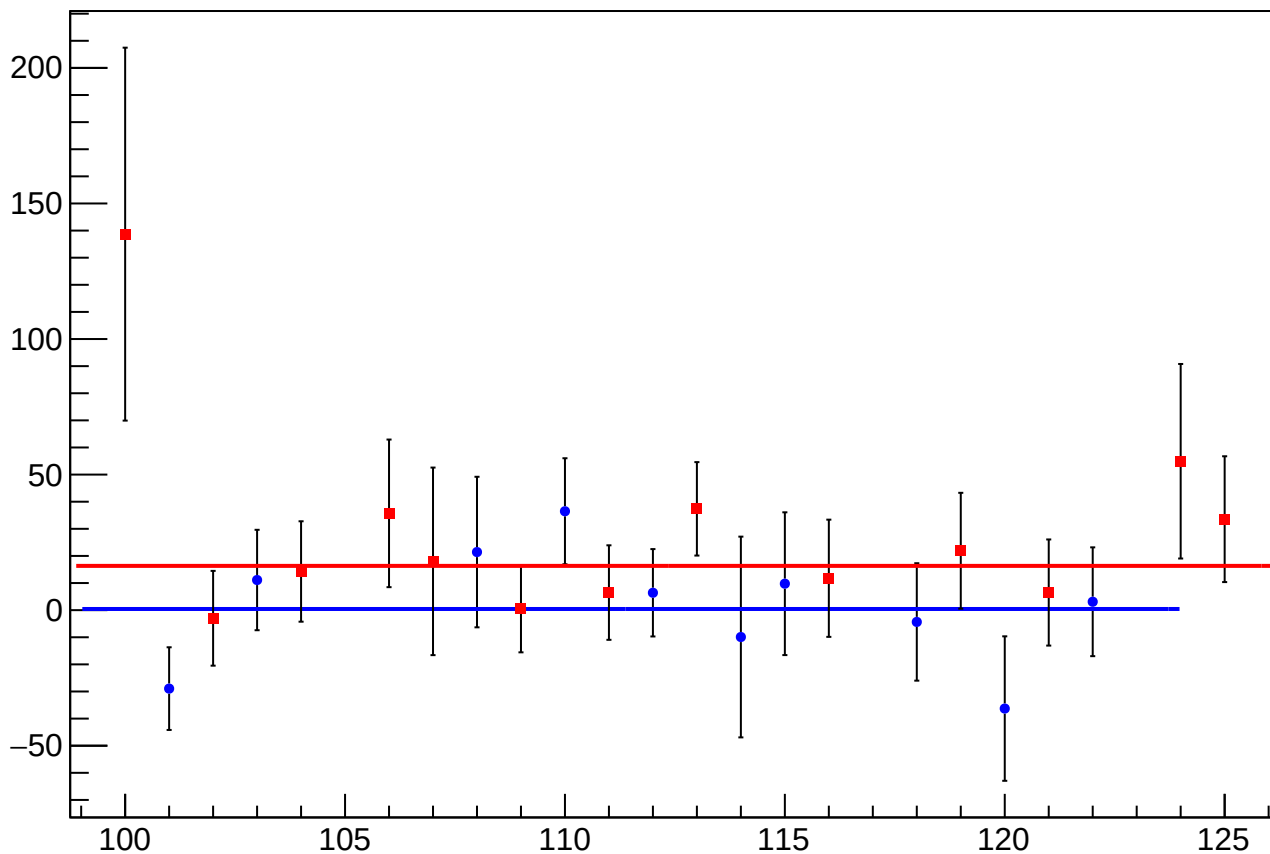
Right: 8426.597+/-2.010 χ^2/NDF : 505651.0/22

In: 8620.949+/-3.059 χ^2/NDF : 212956.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8426.597+/-2.010 χ^2/NDF : 505651.0/22

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: 16.330+/-5.903 χ^2/NDF : 9.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

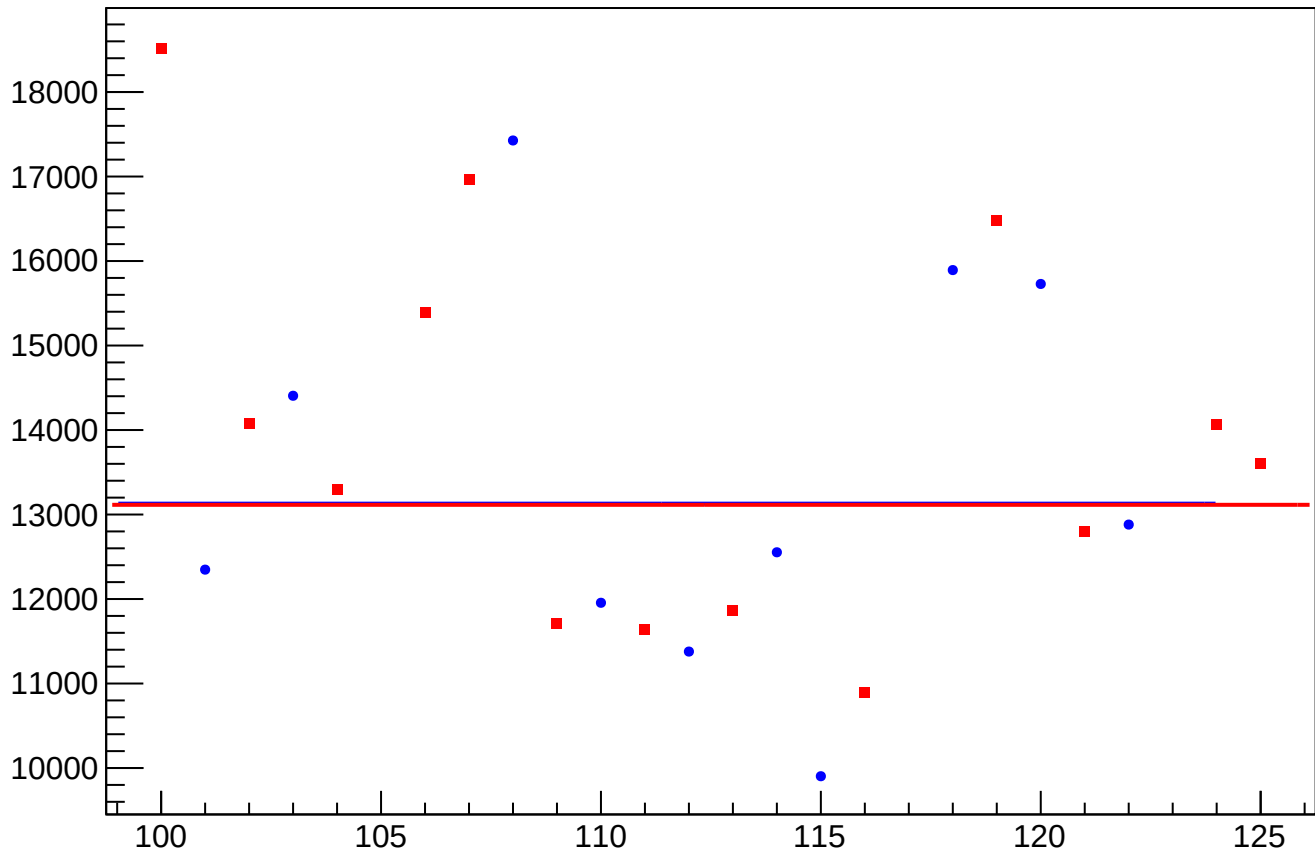
Right: 9.225+/-4.391 χ^2/NDF : 23.3/22

In: 0.431+/-6.568 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.225+/-4.391 χ^2/NDF : 23.3/22

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 13128.582 $\pm$ 4.644 χ^2 /NDF: 175941.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 13114.913 $\pm$ 4.174 χ^2 /NDF: 170953.1/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

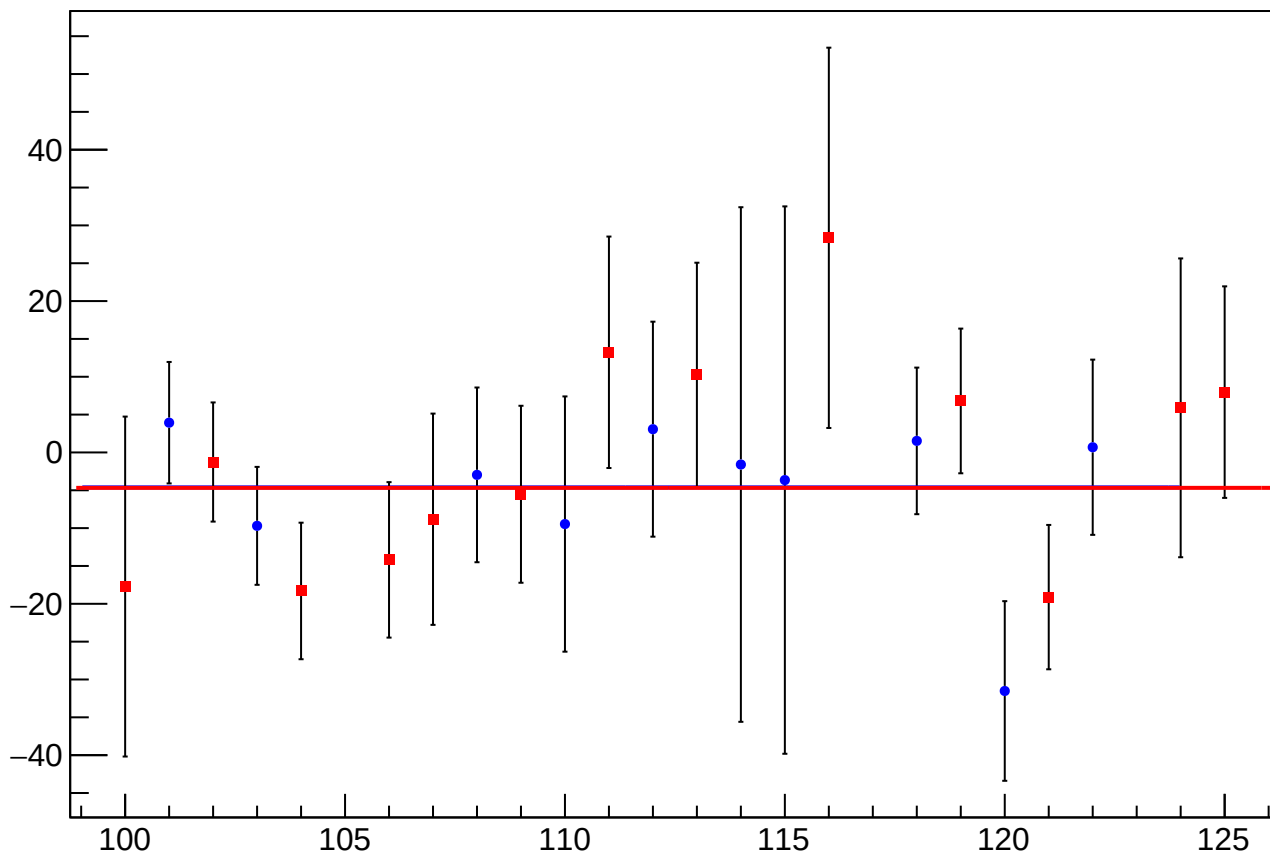
Right: 13121.021 $\pm$ 3.105 χ^2 /NDF: 346899.1/22

In: 13128.582 $\pm$ 4.644 χ^2 /NDF:175941.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 13121.021 $\pm$ 3.105 χ^2 /NDF: 346899.1/22

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: -4.680 ± 3.290 $\chi^2/\text{NDF}: 12.7/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

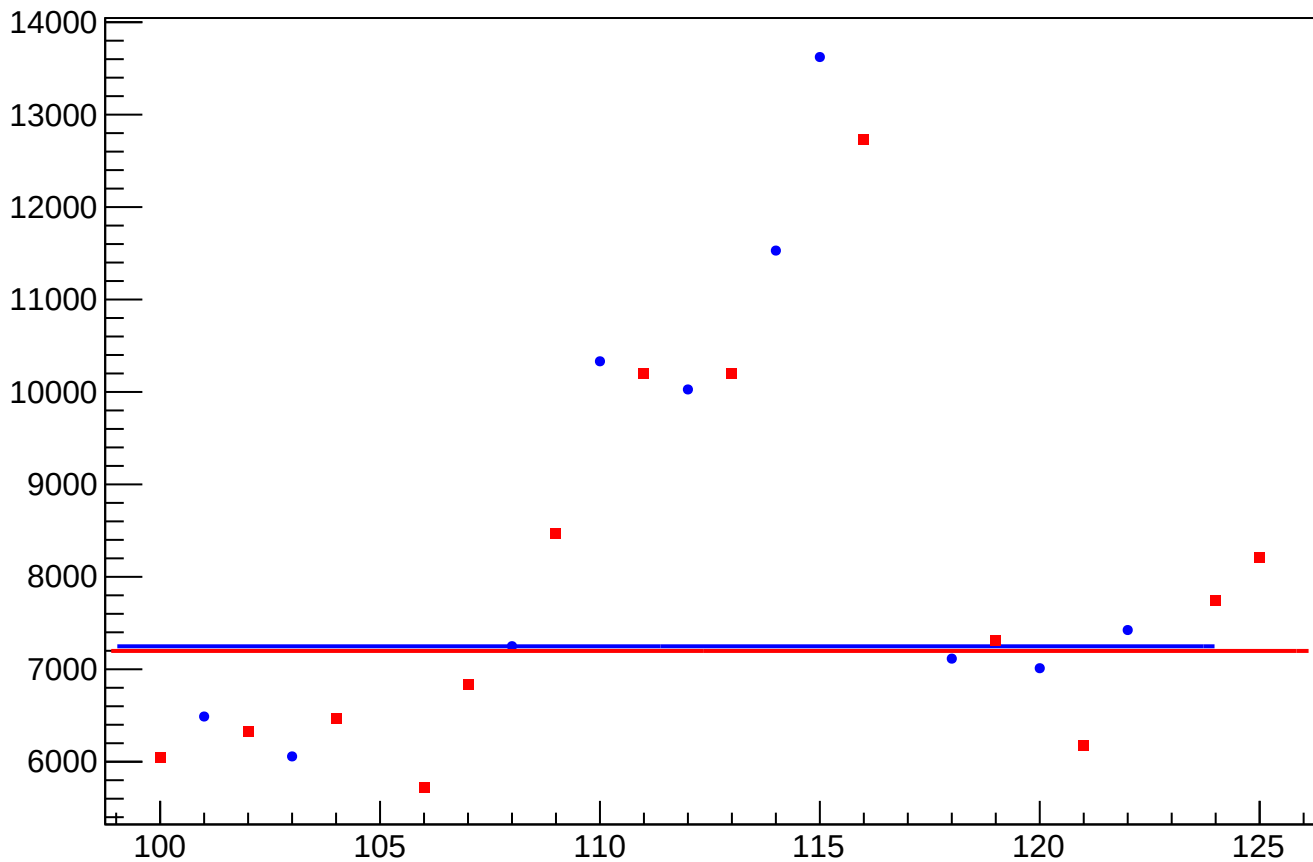
Right: -4.652 ± 2.446 $\chi^2/\text{NDF}: 20.4/22$

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: -4.652 ± 2.446 $\chi^2/\text{NDF}: 20.4/22$

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: 7198.492+/-2.327 χ^2/NDF : 399718.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

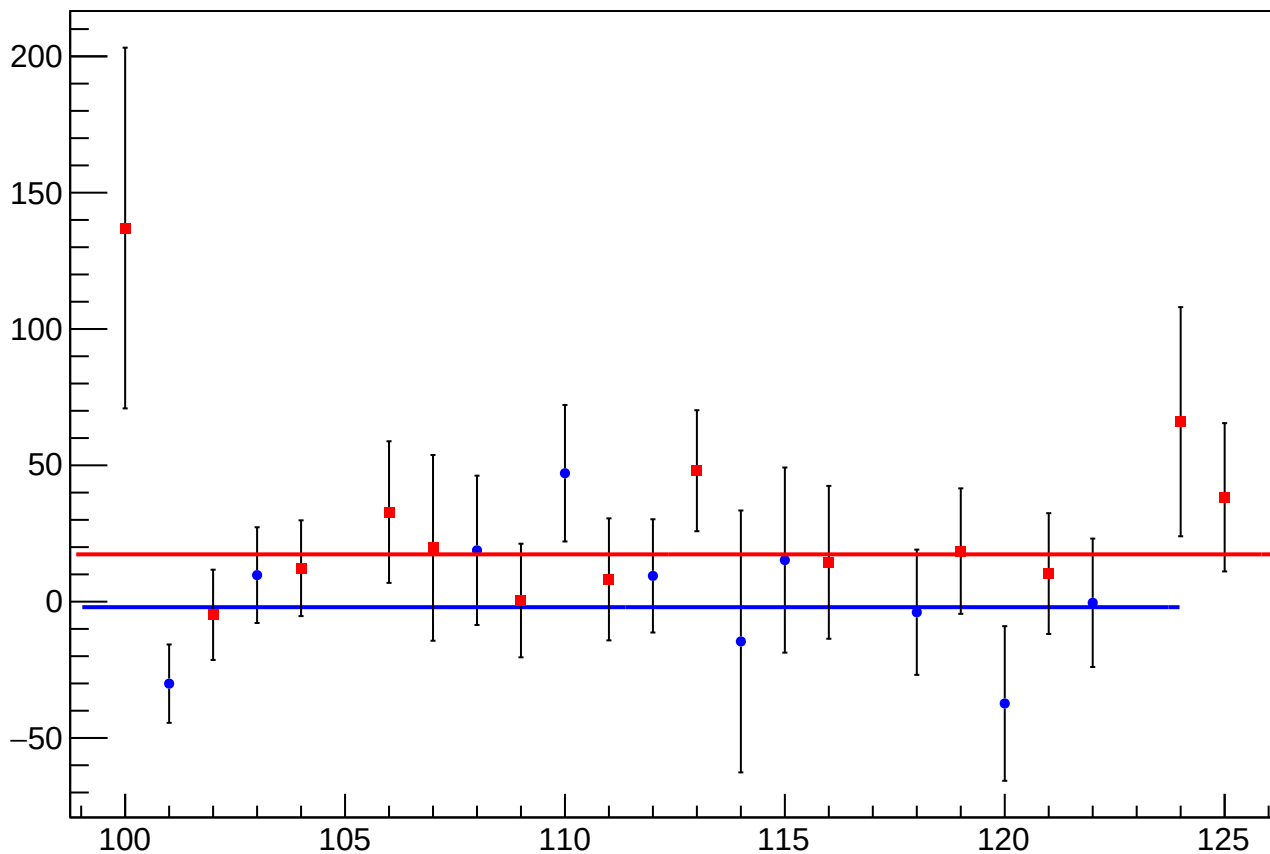
Right: 7220.891+/-1.729 χ^2/NDF : 703466.3/22

In: 7248.541+/-2.585 χ^2/NDF : 303540.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7220.891+/-1.729 χ^2/NDF : 703466.3/22

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: 17.346 ± 6.606 χ^2/NDF : 10.3/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

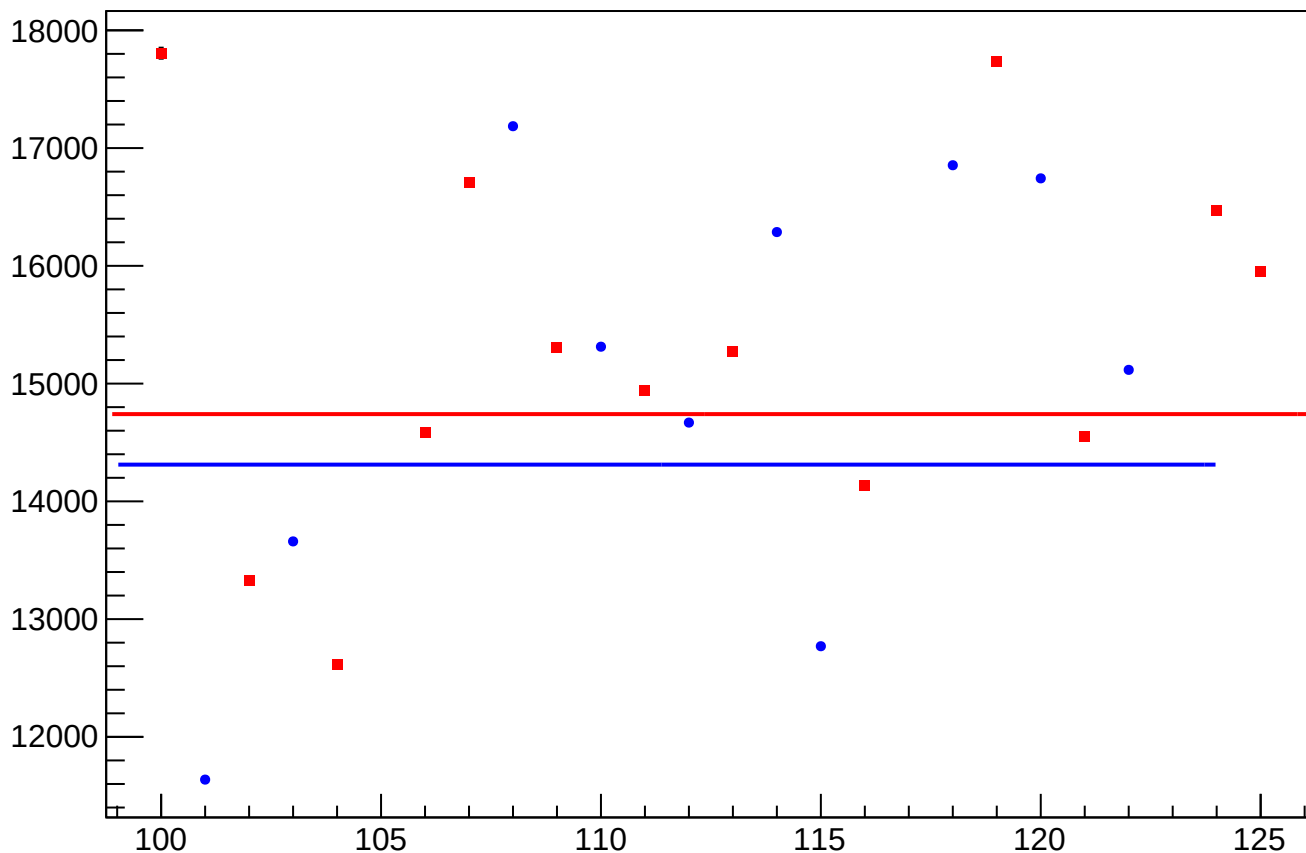
Right: 8.422 ± 4.851 χ^2/NDF : 25.1/22

In: -2.025 ± 7.147 χ^2/NDF : 10.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 8.422 ± 4.851 χ^2/NDF : 25.1/22

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: 14740.905+/-4.671 χ^2/NDF : 100090.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

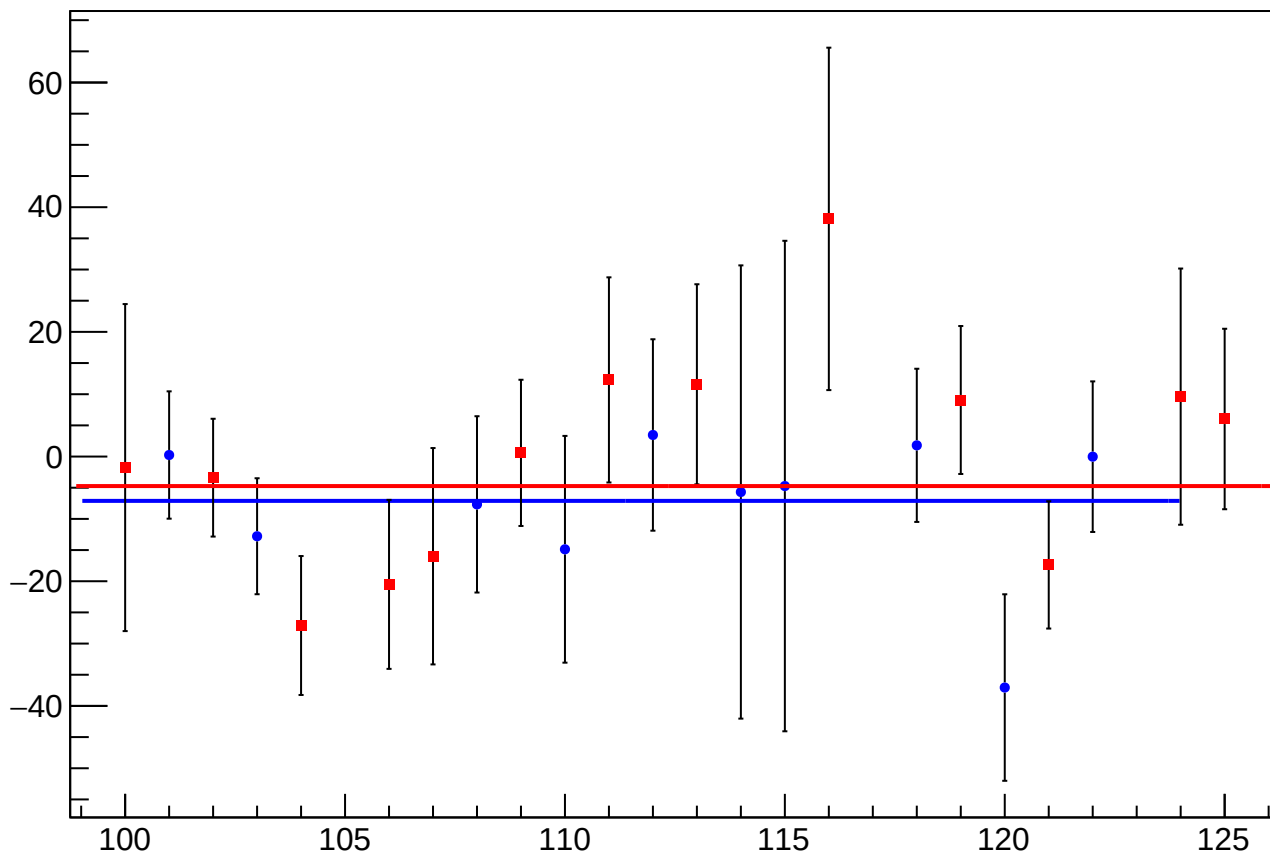
Right: 14543.281+/-3.430 χ^2/NDF : 250924.3/22

In: 14311.952+/-5.054 χ^2/NDF : 146948.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14543.281+/-3.430 χ^2/NDF : 250924.3/22

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: -4.734 ± 3.794 χ^2/NDF : 14.5/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

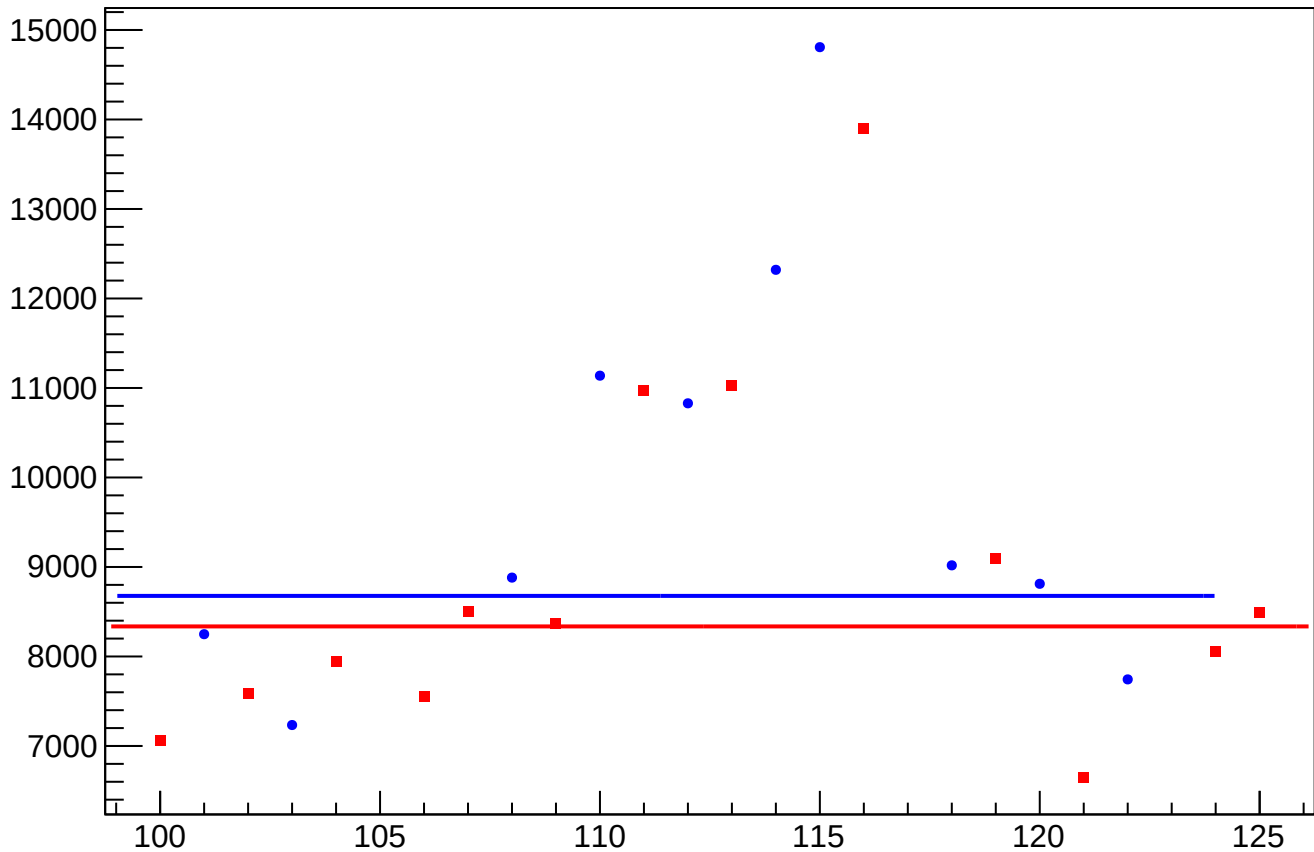
Right: -5.760 ± 2.860 χ^2/NDF : 21.1/22

In: -7.110 ± 4.354 χ^2/NDF : 6.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.760 ± 2.860 χ^2/NDF : 21.1/22

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: 8335.865+/-2.683 χ^2/NDF : 279800.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

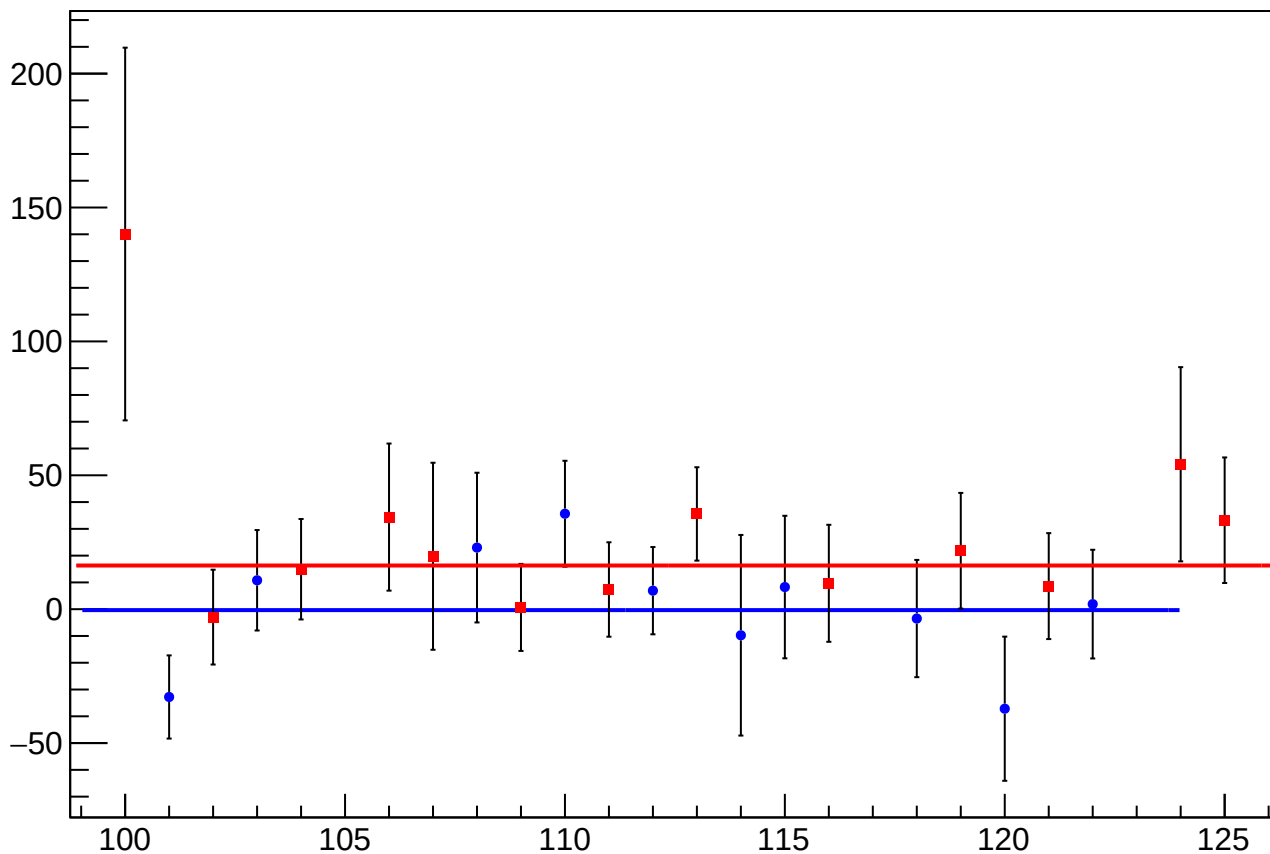
Right: 8483.070+/-2.022 χ^2/NDF : 497022.9/22

In: 8676.934+/-3.078 χ^2/NDF : 210245.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8483.070+/-2.022 χ^2/NDF : 497022.9/22

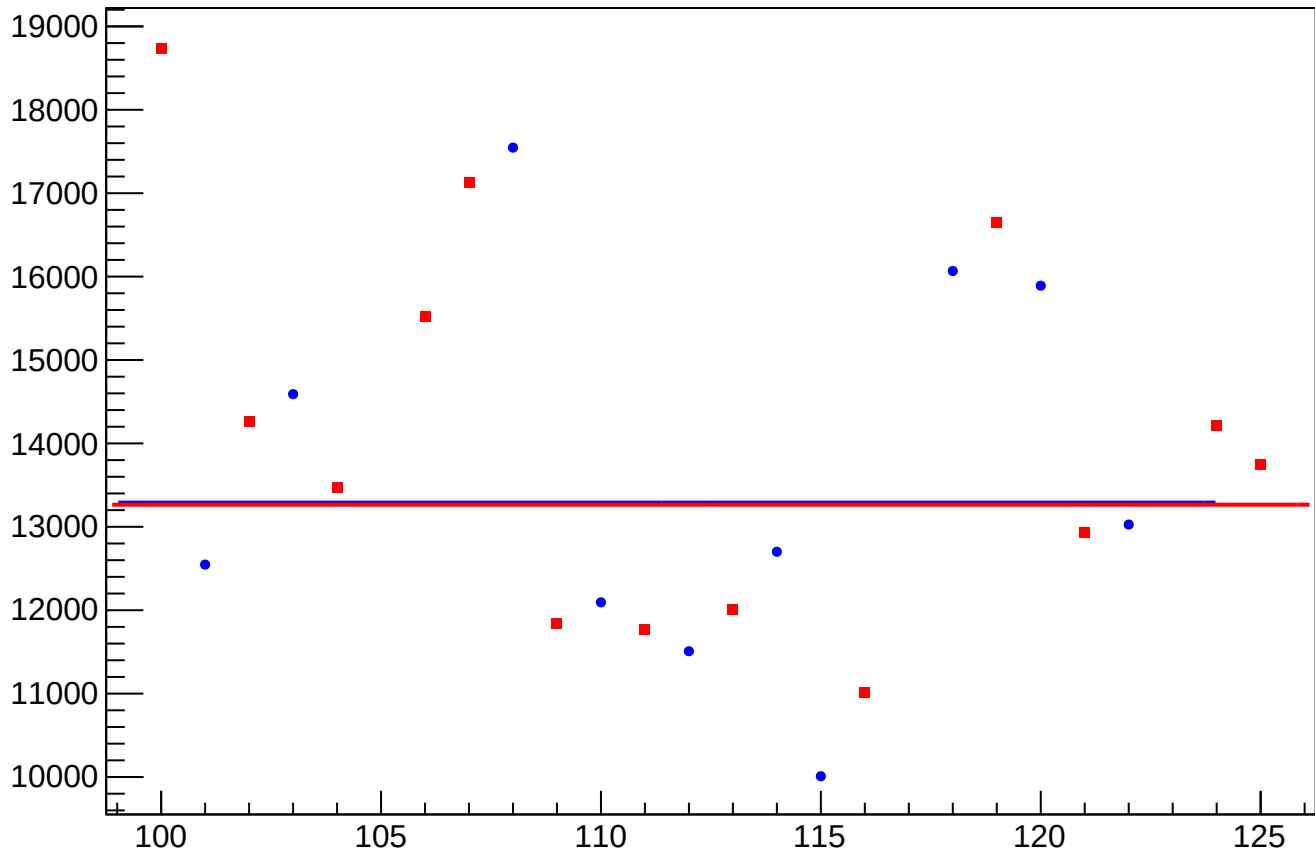
diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.347 $\pm$ 6.651 χ^2 /NDF: 11.0/9
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
Right Out: 16.312 $\pm$ 5.971 χ^2 /NDF: 9.1/12
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Right: 8.878 $\pm$ 4.443 χ^2 /NDF: 23.6/22
In: -0.347 $\pm$ 6.651 χ^2 /NDF:11.0/9
Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
All: 8.878 $\pm$ 4.443 χ^2 /NDF: 23.6/22

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: 13265.106+/-4.222 χ^2/NDF : 170185.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

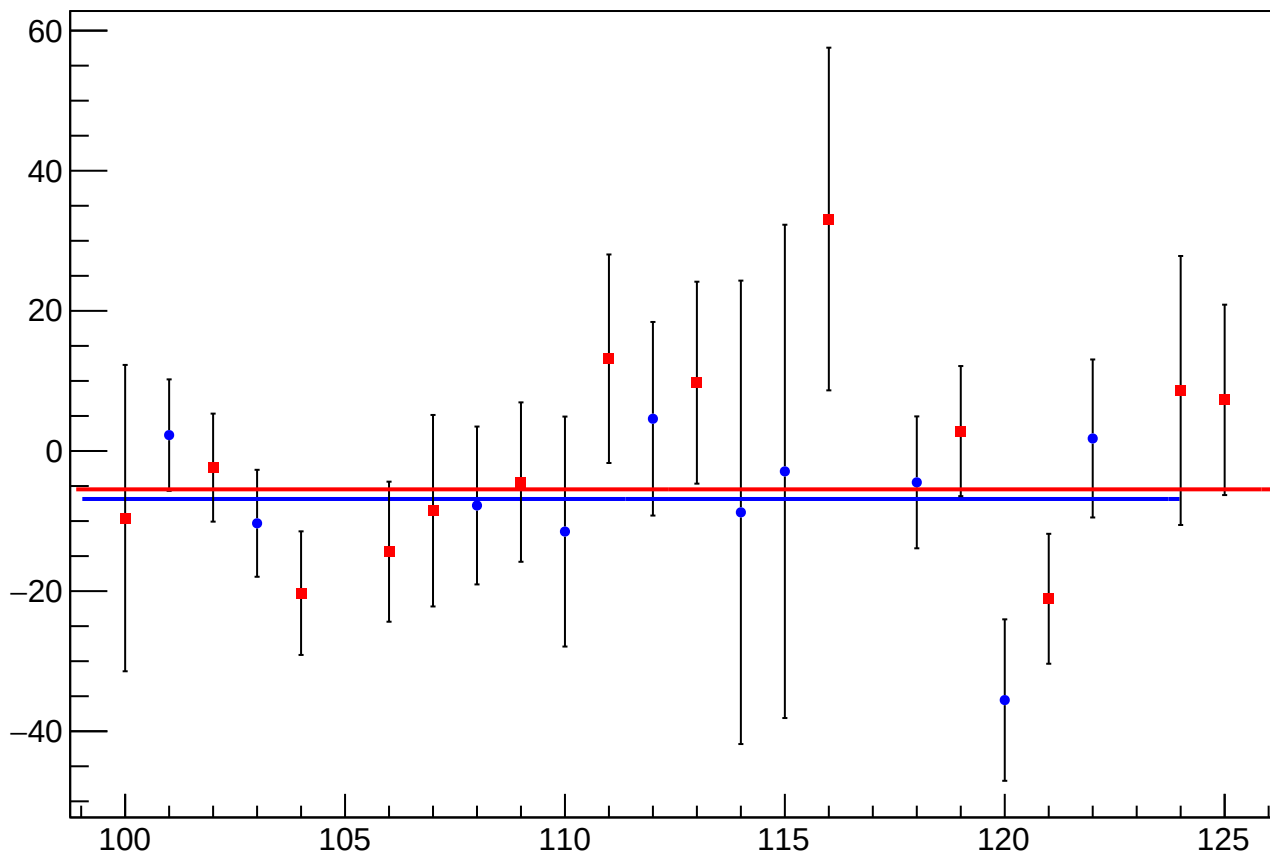
Right: 13276.088+/-3.142 χ^2/NDF : 344051.5/22

In: 13289.714+/-4.703 χ^2/NDF : 173851.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13276.088+/-3.142 χ^2/NDF : 344051.5/22

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: -5.473 ± 3.207 χ^2/NDF : 14.1/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

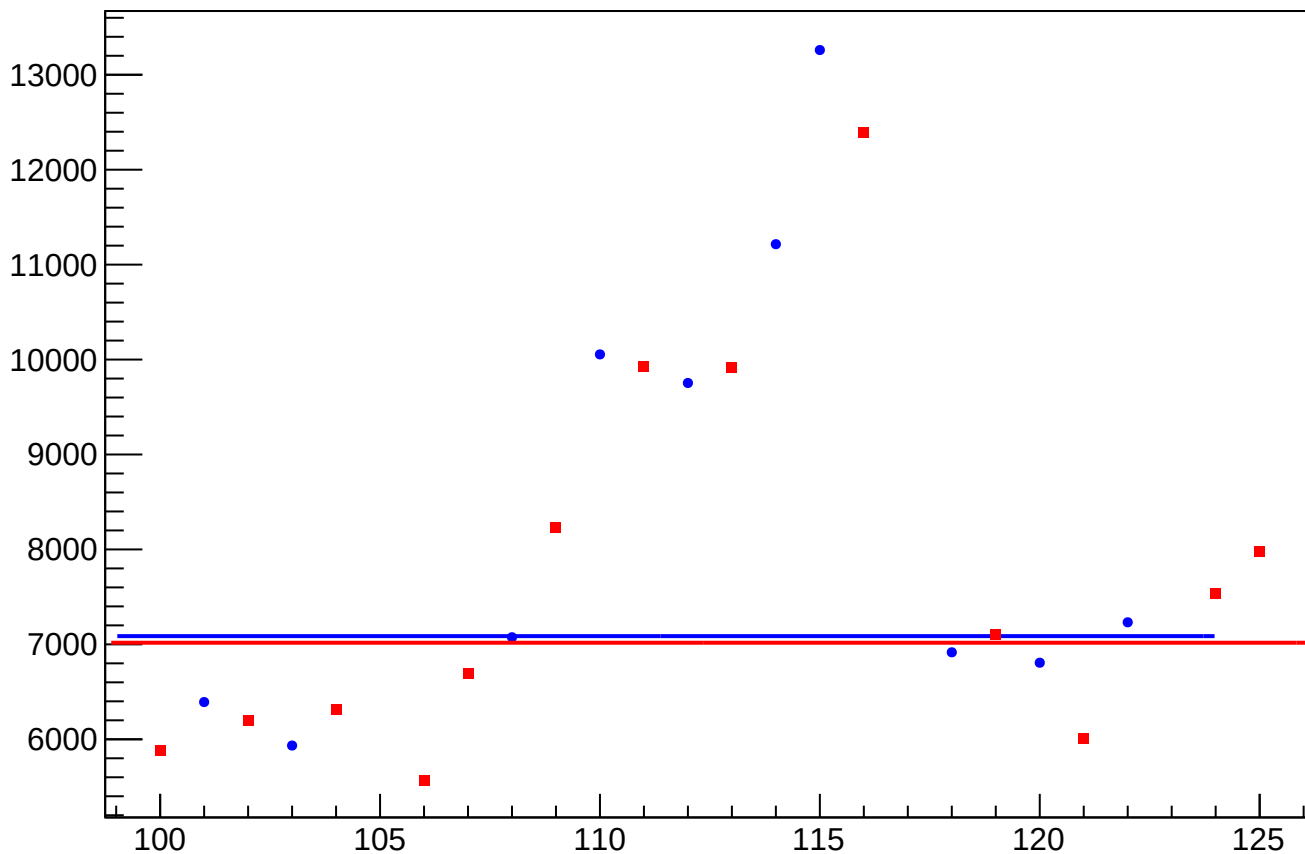
Right: -6.087 ± 2.387 χ^2/NDF : 23.4/22

In: -6.849 ± 3.576 χ^2/NDF : 9.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.087 ± 2.387 χ^2/NDF : 23.4/22

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 7086.773 $\pm$ 2.529 χ^2/NDF : 295613.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 7017.243 $\pm$ 2.268 χ^2/NDF : 395589.9/12

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

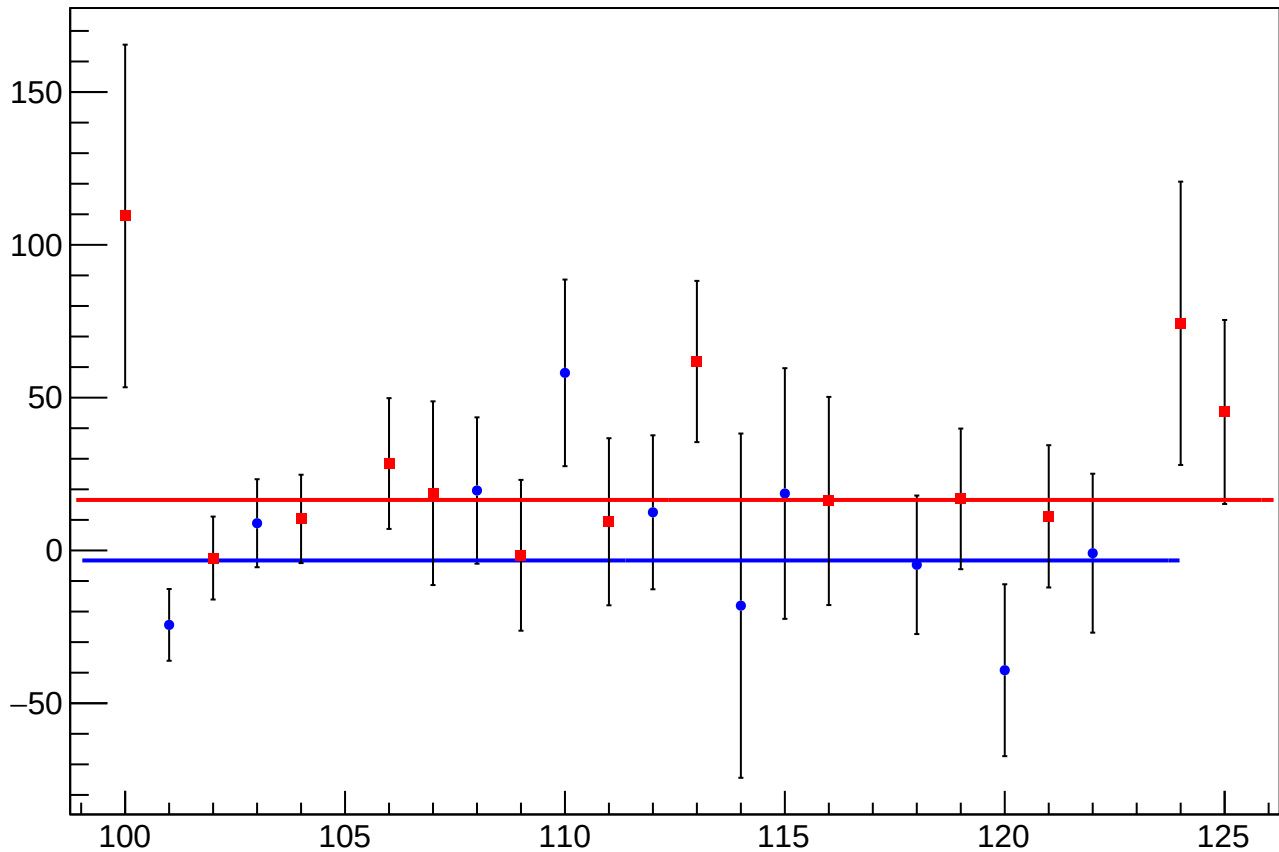
Right: 7048.237 $\pm$ 1.688 χ^2/NDF : 691622.9/22

In: 7086.773 $\pm$ 2.529 χ^2/NDF : 295613.9/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 7048.237 $\pm$ 1.688 χ^2/NDF : 691622.9/22

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: 16.526+/-6.400 χ^2/NDF : 11.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

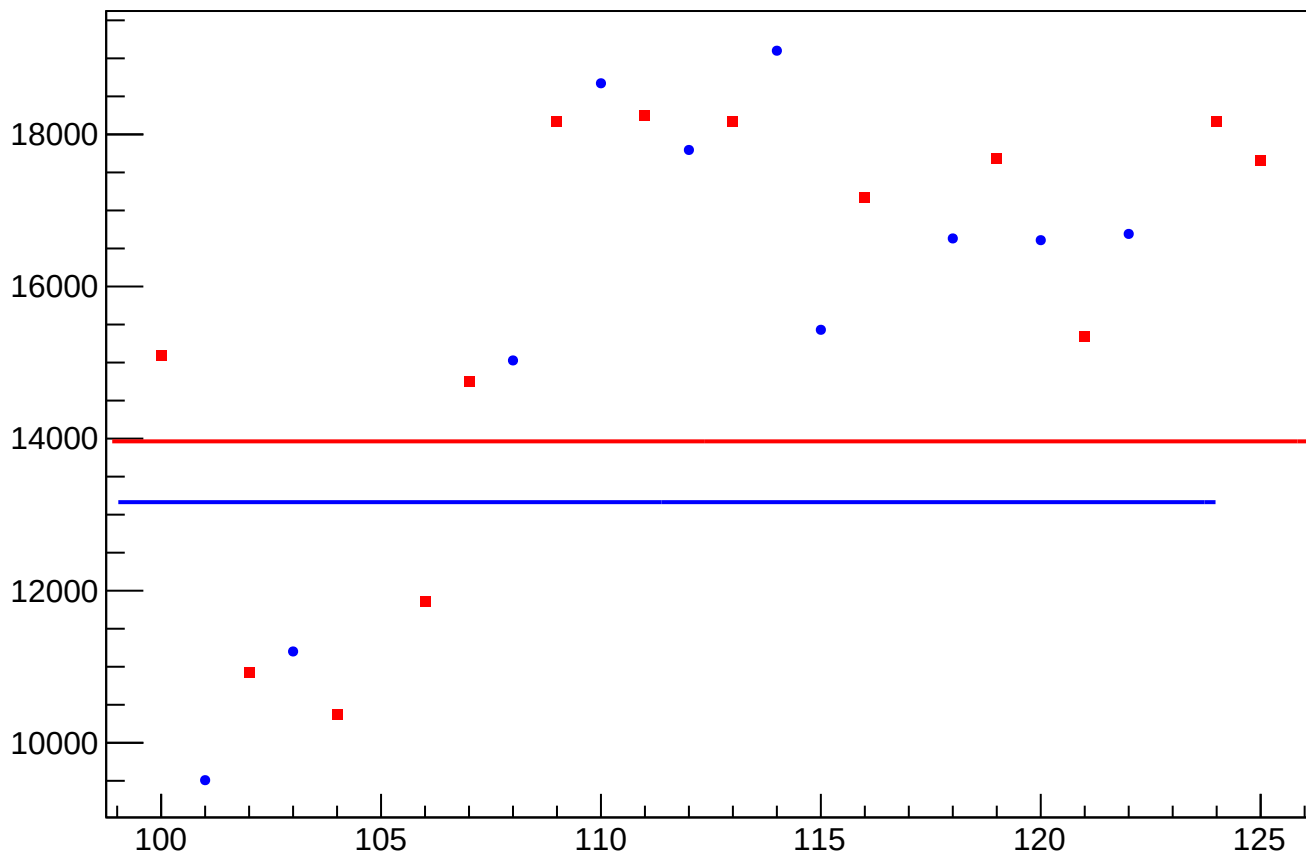
Right: 7.125+/-4.638 χ^2/NDF : 27.1/22

In: -3.273+/-6.731 χ^2/NDF : 11.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.125+/-4.638 χ^2/NDF : 27.1/22

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: 13963.771+/-4.526 χ^2/NDF : 526672.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

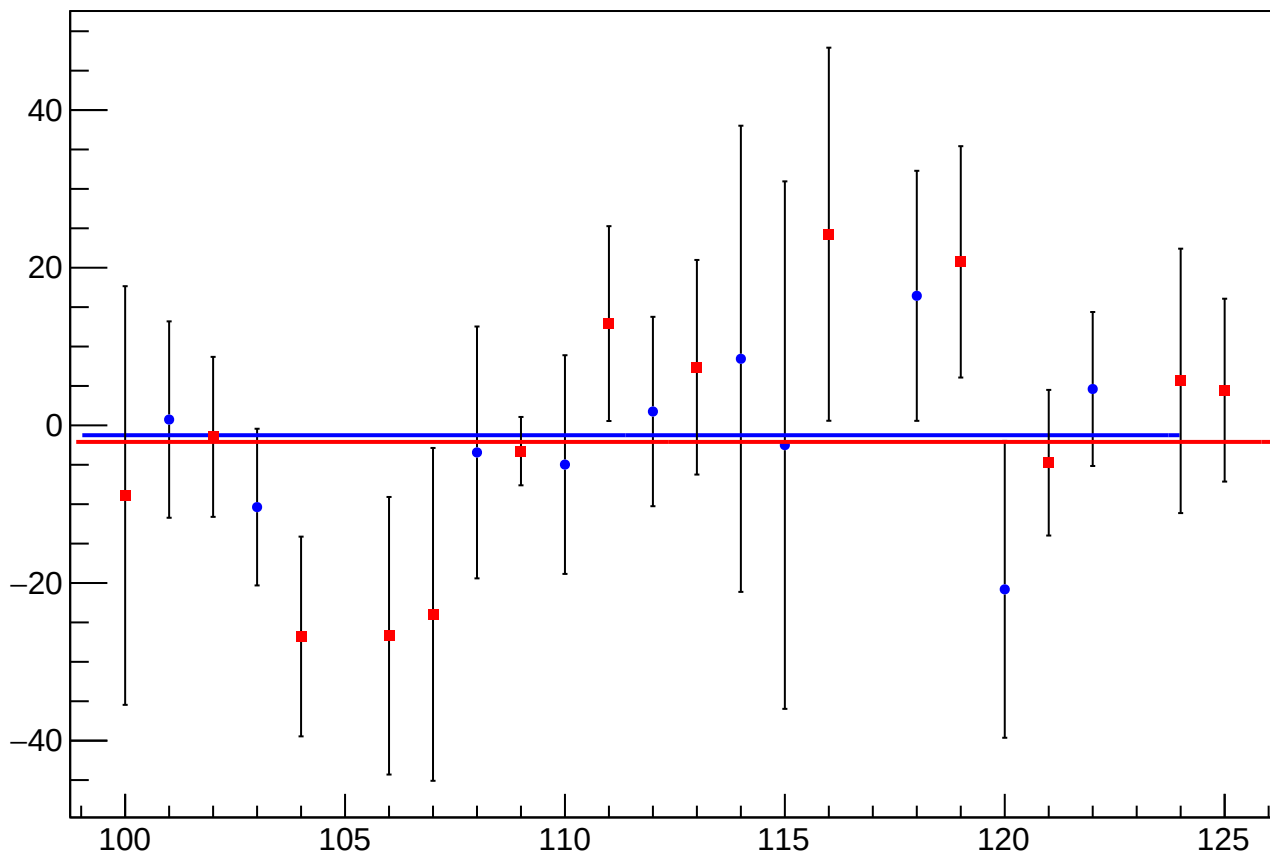
Right: 13584.161+/-3.280 χ^2/NDF : 1059385.1/22

In: 13164.300+/-4.760 χ^2/NDF : 517894.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13584.161+/-3.280 χ^2/NDF : 1059385.1/22

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: -2.100 ± 2.923 χ^2/NDF : 13.2/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

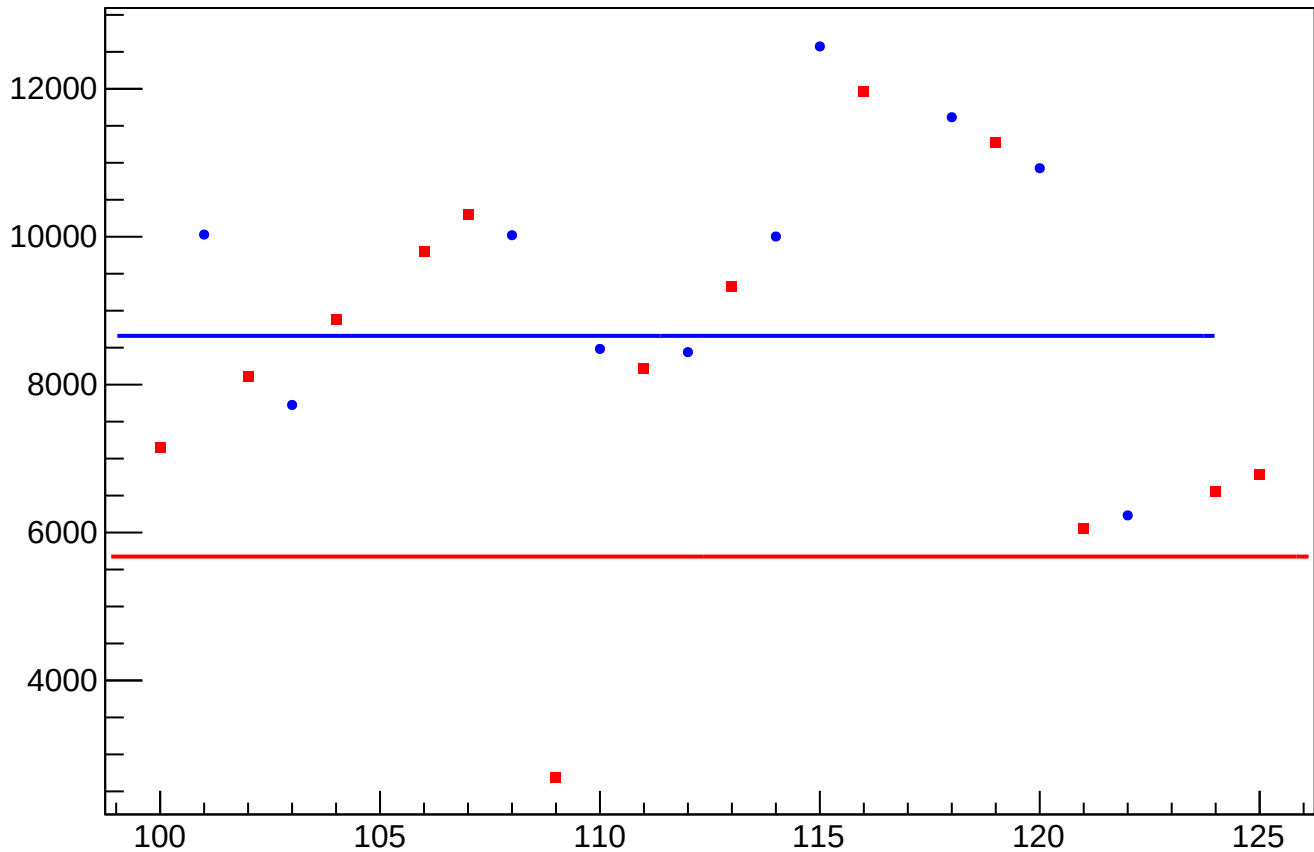
Right: -1.839 ± 2.433 χ^2/NDF : 17.0/22

In: -1.250 ± 4.389 χ^2/NDF : 3.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.839 ± 2.433 χ^2/NDF : 17.0/22

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: 5675.203+/-2.067 χ^2/NDF : 2094592.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

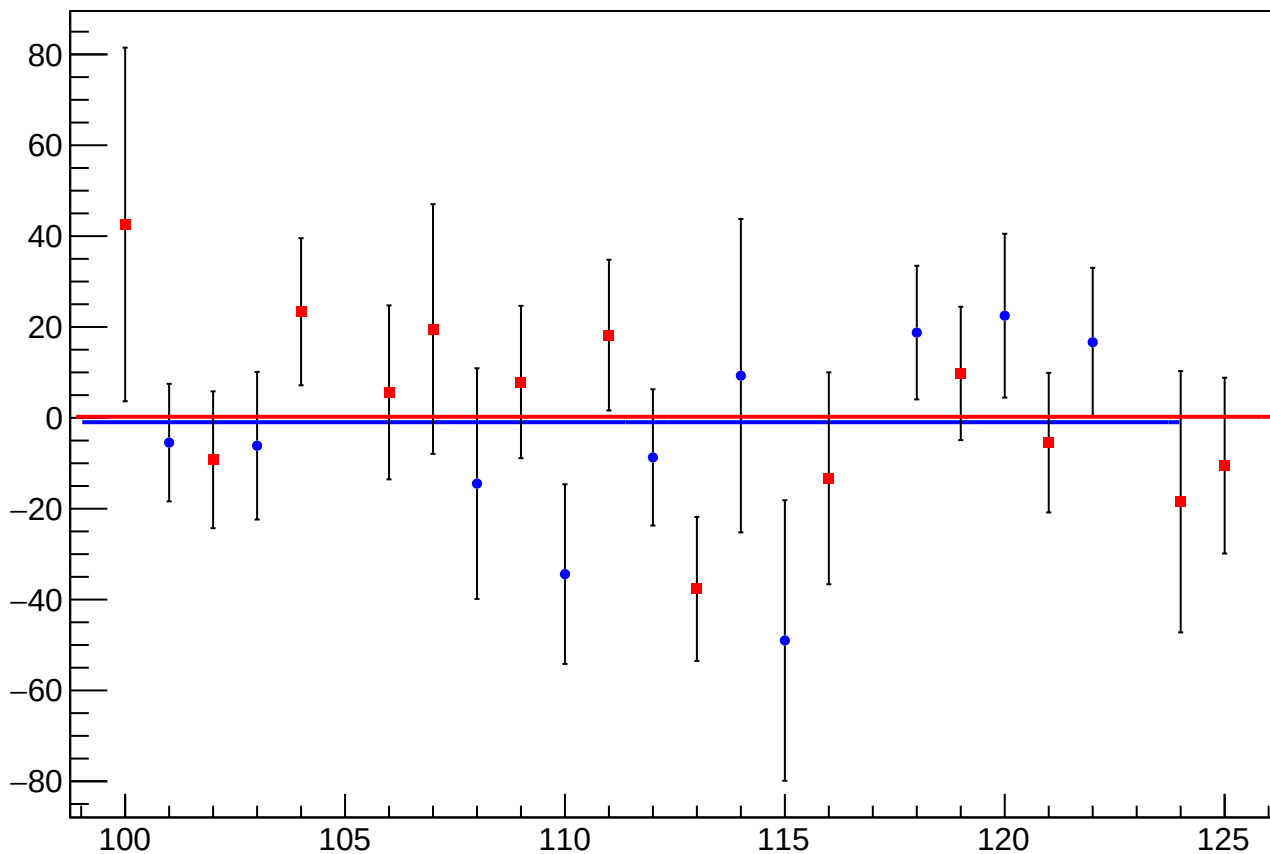
Right: 6592.124+/-1.720 χ^2/NDF : 3046168.0/22

In: 8659.534+/-3.103 χ^2/NDF : 310862.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6592.124+/-1.720 χ^2/NDF : 3046168.0/22

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: 0.236 ± 5.083 χ^2/NDF : 12.9/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

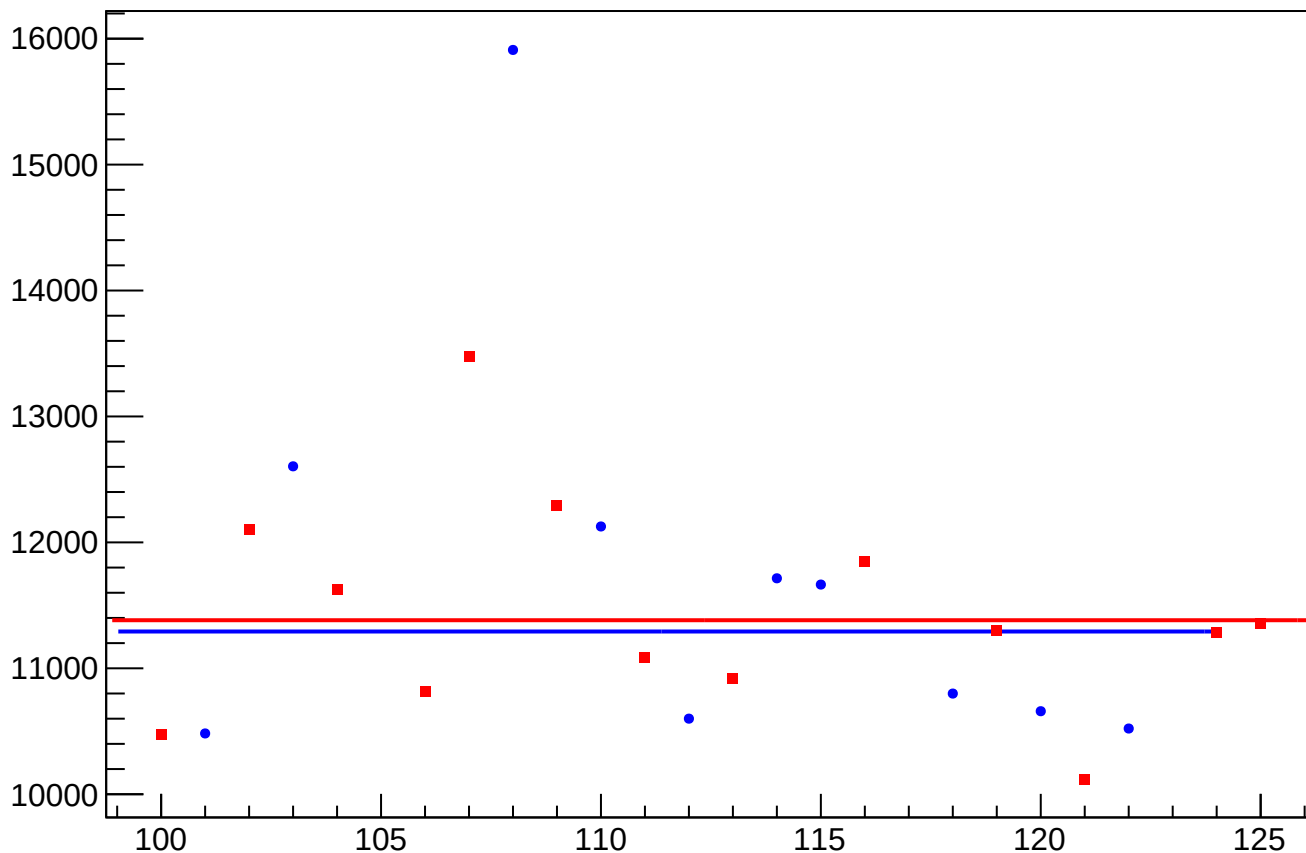
Right: -0.304 ± 3.770 χ^2/NDF : 23.7/22

In: -0.964 ± 5.622 χ^2/NDF : 10.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.304 ± 3.770 χ^2/NDF : 23.7/22

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: 11381.837+/-3.594 χ^2/NDF : 42163.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

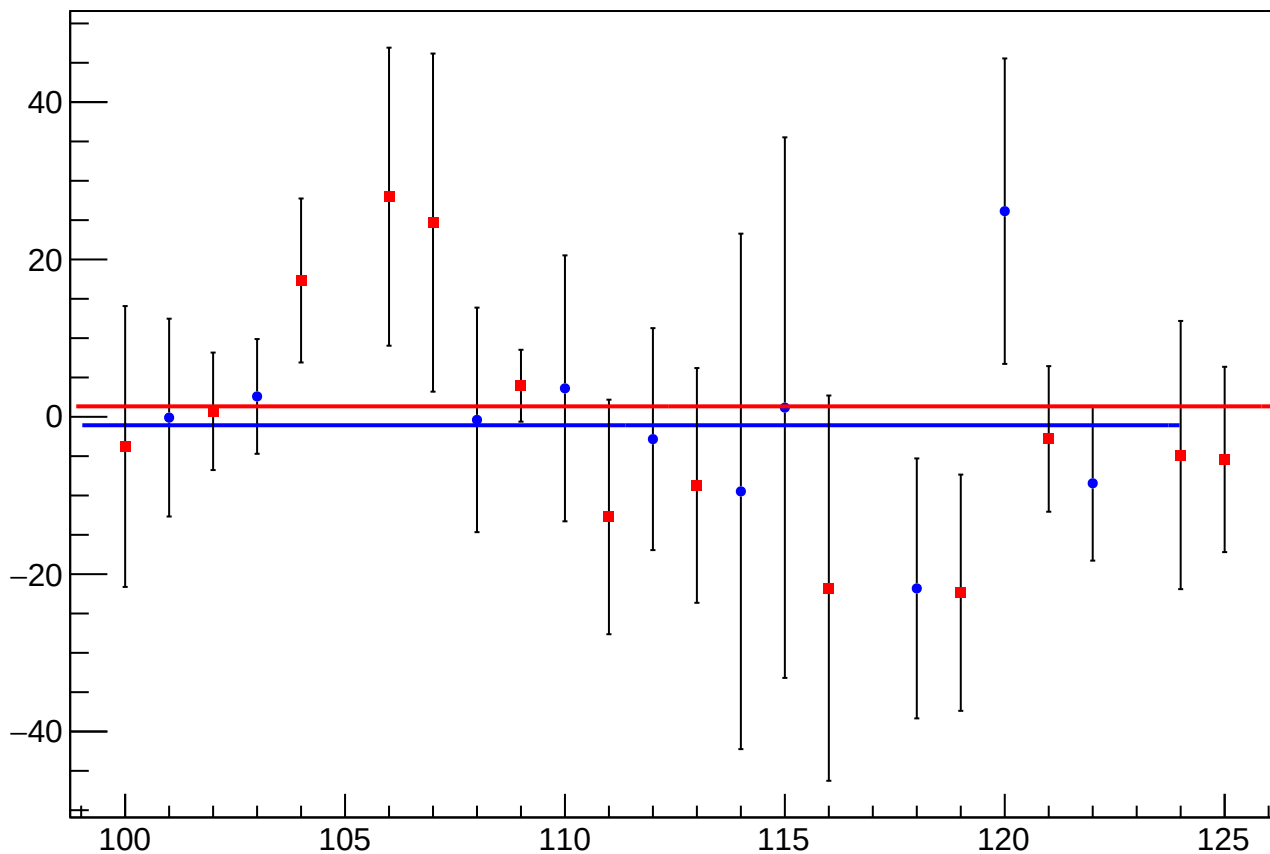
Right: 11341.574+/-2.666 χ^2/NDF : 147034.9/22

In: 11292.308+/-3.976 χ^2/NDF :104592.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 11341.574+/-2.666 χ^2/NDF : 147034.9/22

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: 1.331+/-2.879 χ^2/NDF : 11.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

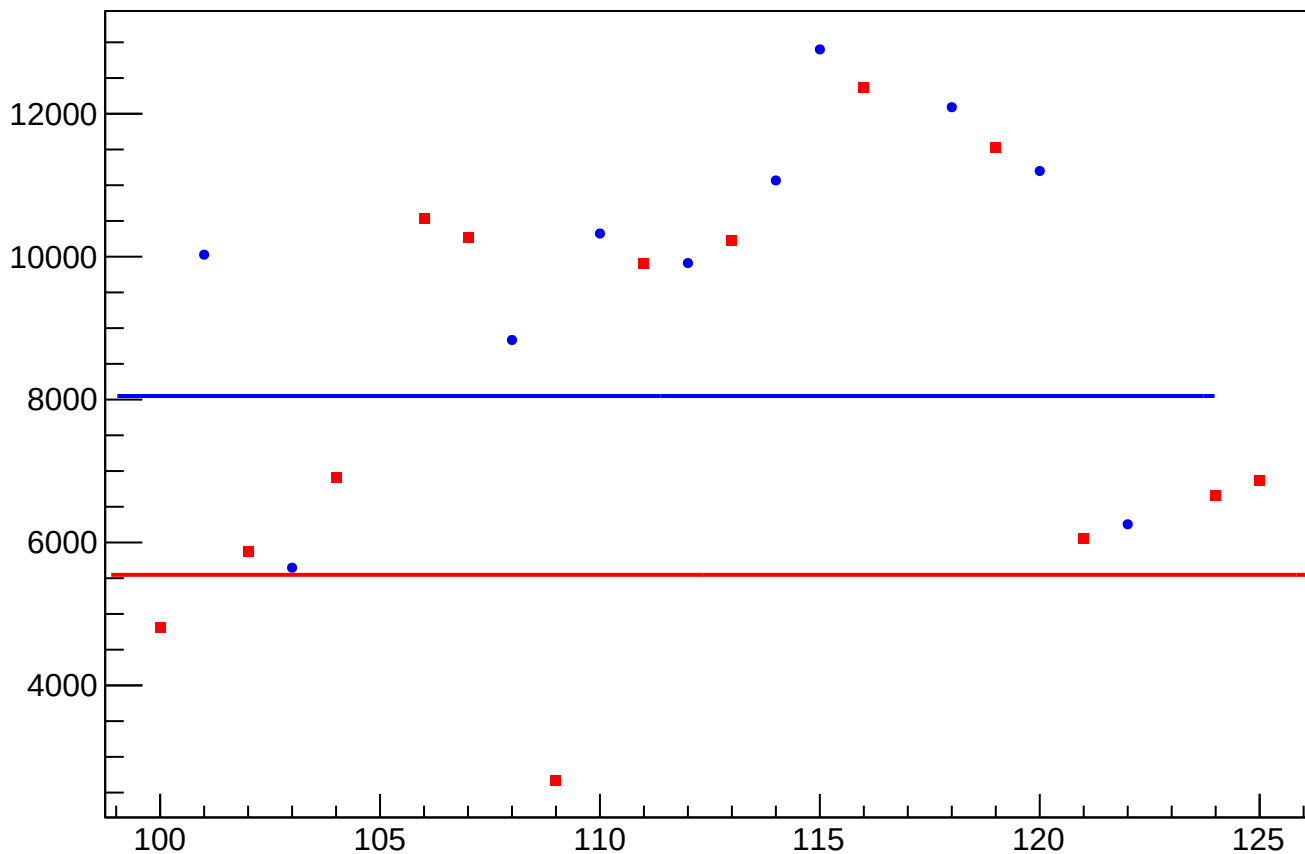
Right: 0.560+/-2.373 χ^2/NDF : 16.1/22

In: -1.073+/-4.188 χ^2/NDF :4.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.560+/-2.373 χ^2/NDF : 16.1/22

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: 5547.579+/-2.036 χ^2/NDF : 1952071.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

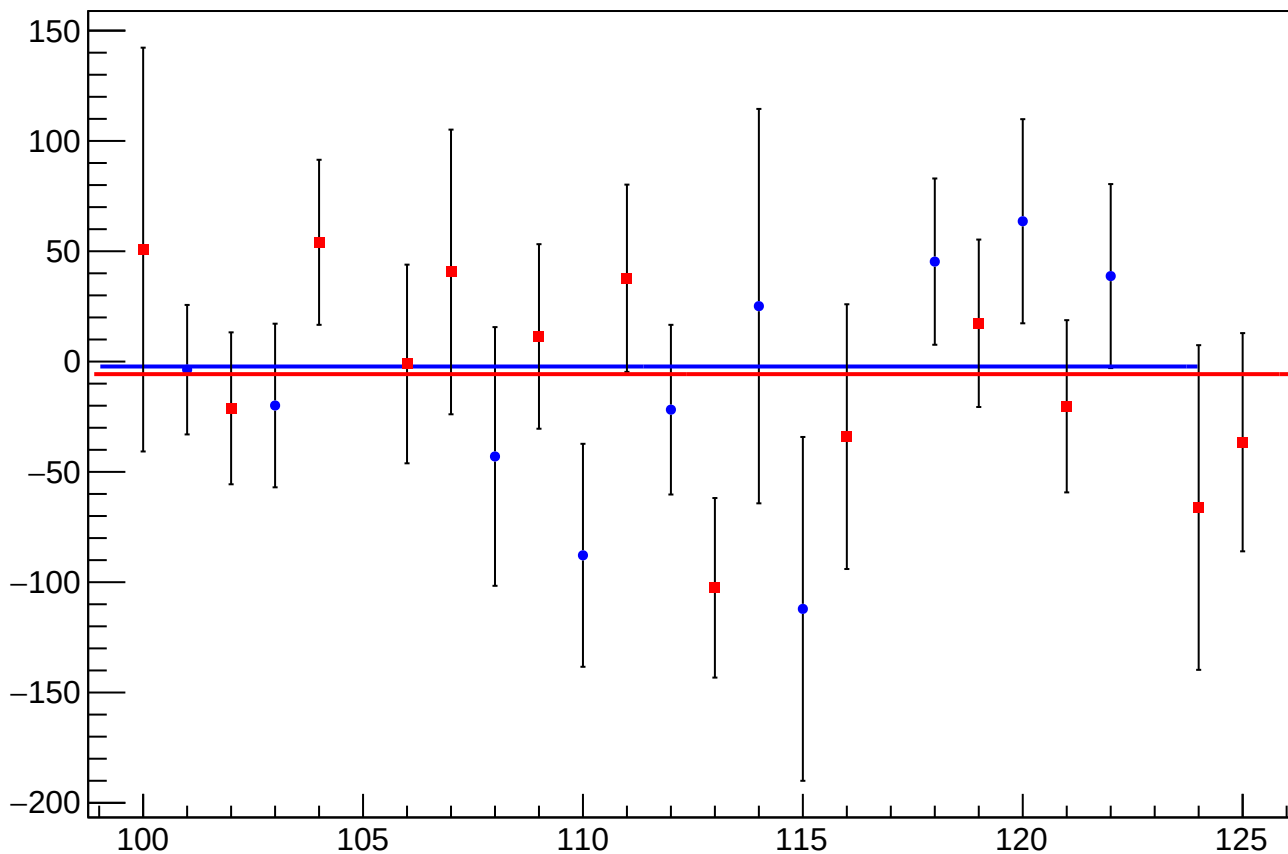
Right: 6350.738+/-1.678 χ^2/NDF : 3076518.1/22

In: 8049.956+/-2.961 χ^2/NDF : 639596.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6350.738+/-1.678 χ^2/NDF : 3076518.1/22

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -2.236+/-13.757 χ^2/NDF : 10.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.698+/-12.535 χ^2/NDF : 12.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

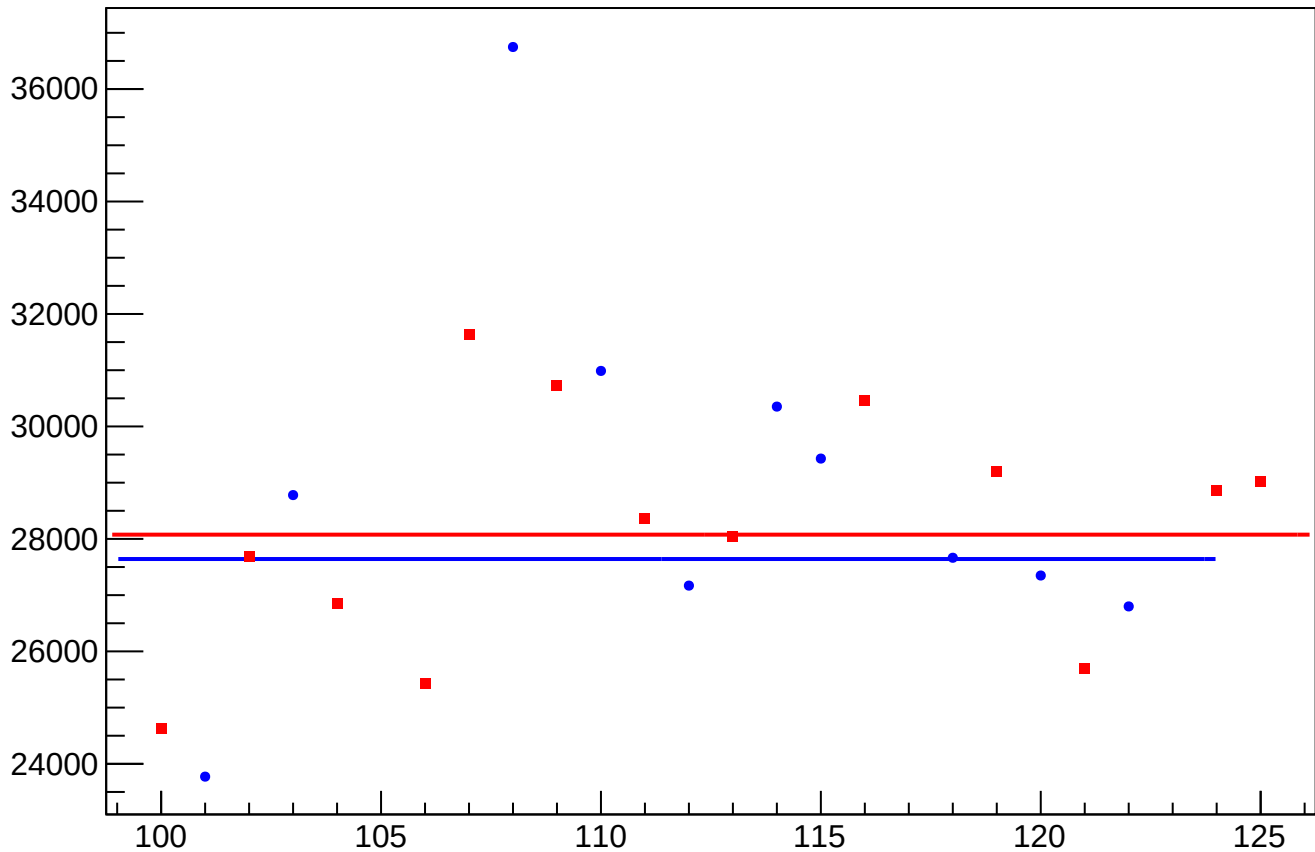
Right: -4.128+/-9.266 χ^2/NDF : 22.9/22

In: -2.236+/-13.757 χ^2/NDF : 10.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.128+/-9.266 χ^2/NDF : 22.9/22

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: 28075.756+/-8.863 χ^2/NDF : 39634.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

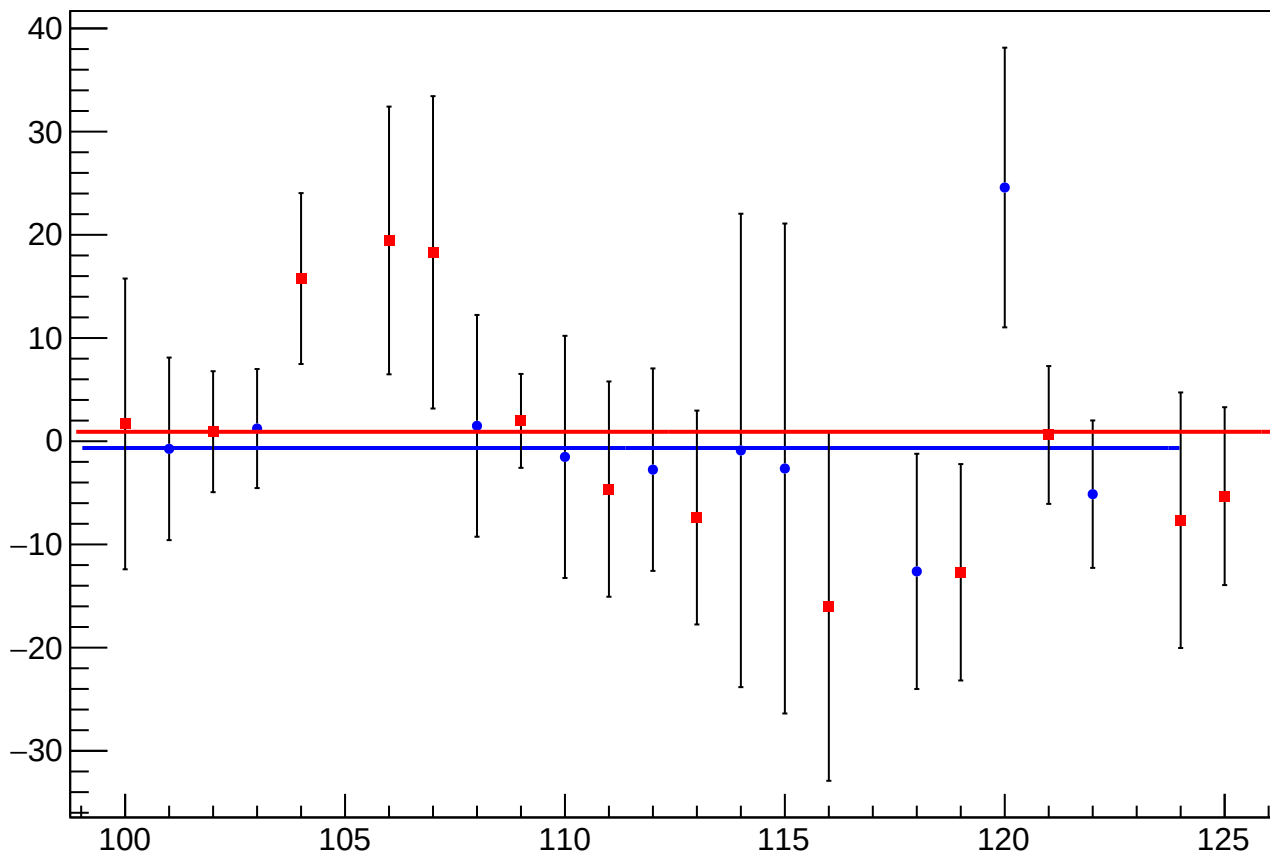
Right: 27879.161+/-6.552 χ^2/NDF : 138474.2/22

In: 27642.354+/-9.728 χ^2/NDF :97755.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 27879.161+/-6.552 χ^2/NDF : 138474.2/22

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -0.656+/-3.078 χ^2/NDF : 5.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.914+/-2.351 χ^2/NDF : 11.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

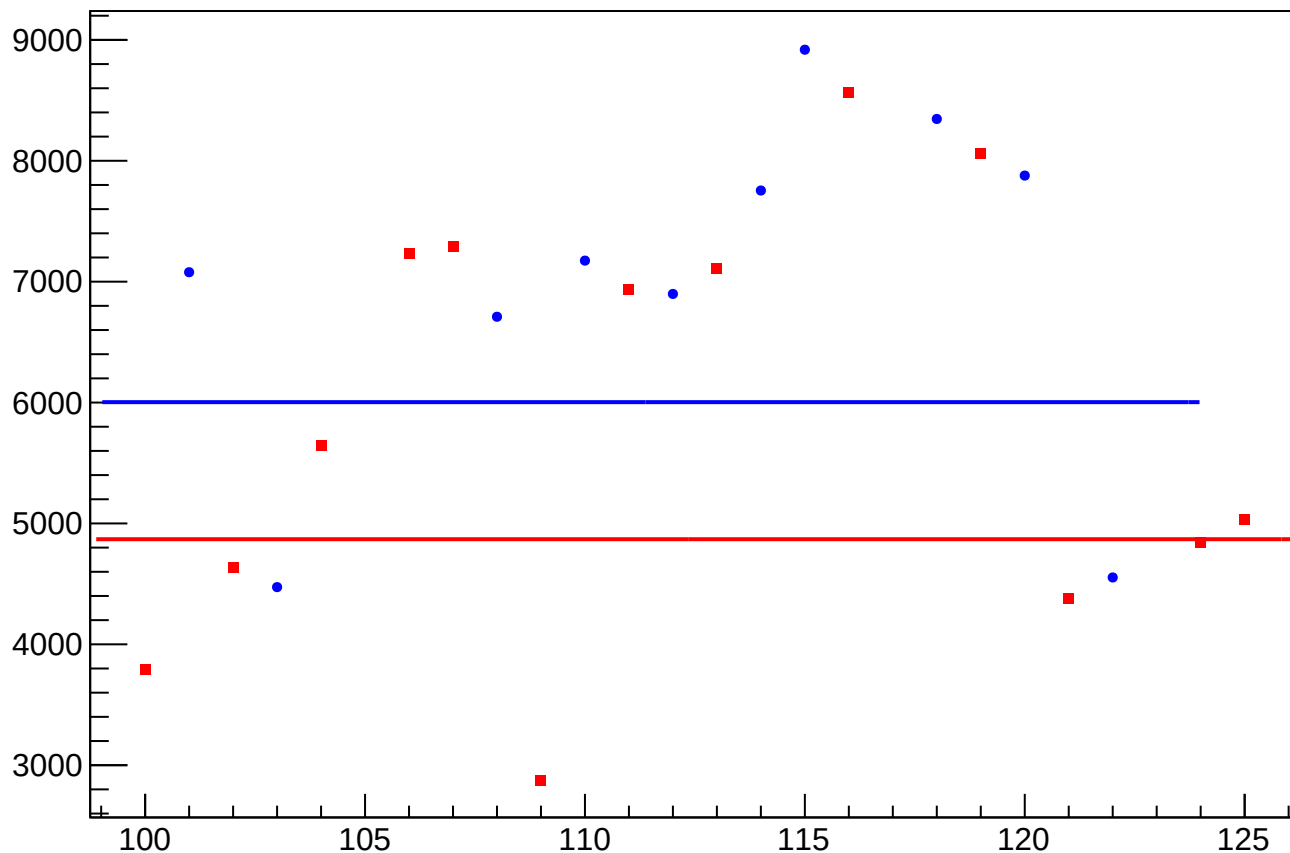
Right: 0.335+/-1.868 χ^2/NDF : 16.6/22

In: -0.656+/-3.078 χ^2/NDF :5.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.335+/-1.868 χ^2/NDF : 16.6/22

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: 4869.565+/-1.663 χ^2/NDF : 998300.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

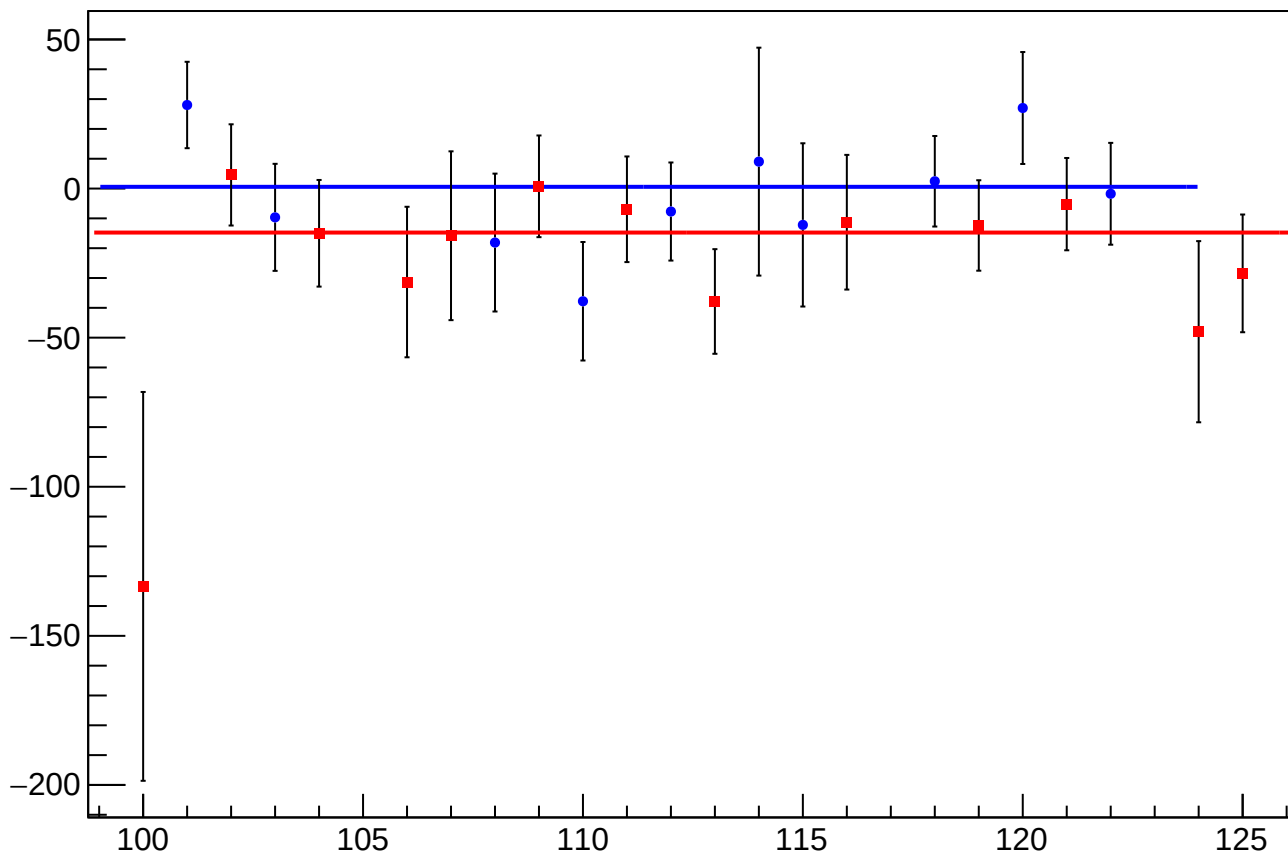
Right: 5287.450+/-1.321 χ^2/NDF : 1632224.3/22

In: 6003.326+/-2.176 χ^2/NDF : 462540.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5287.450+/-1.321 χ^2/NDF : 1632224.3/22

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: -14.756+/-5.451 χ^2/NDF : 9.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

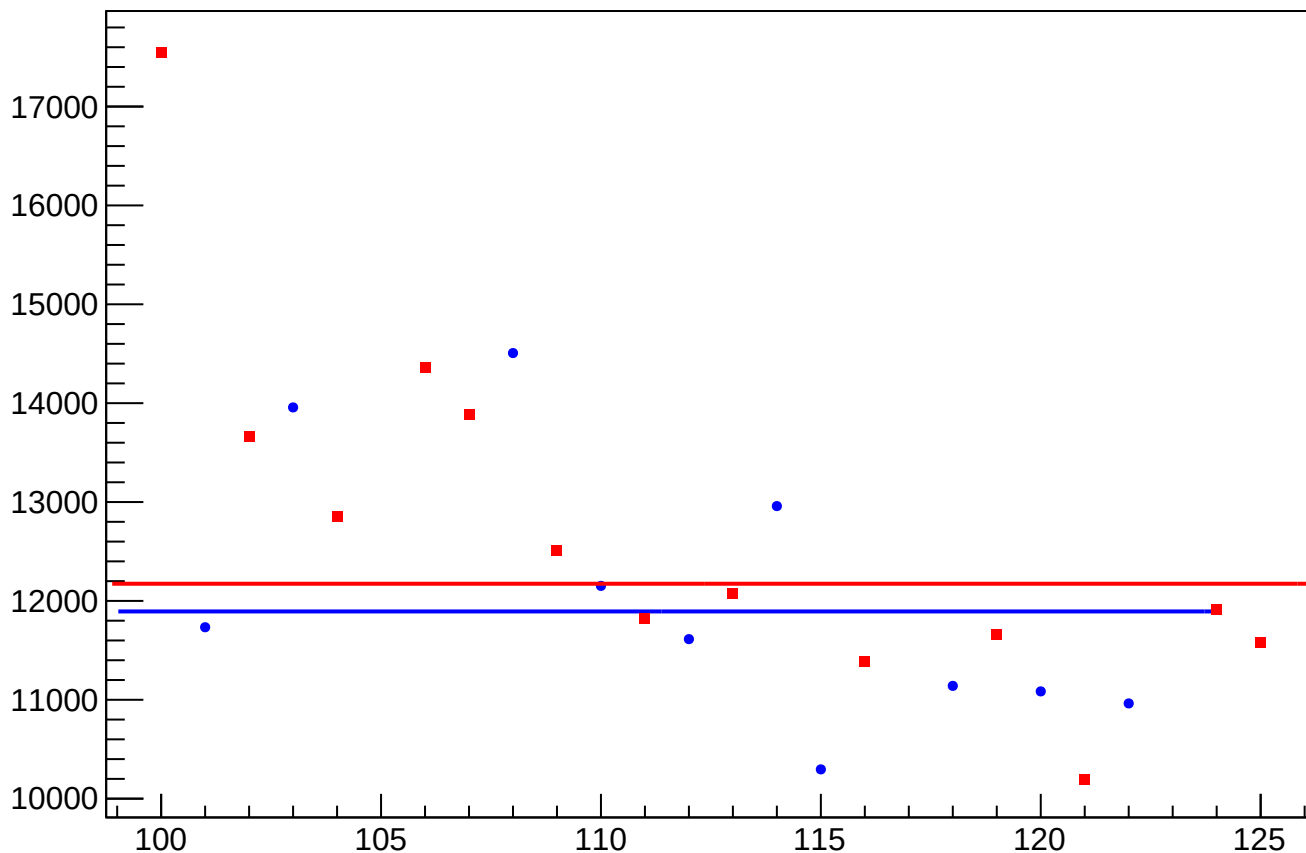
Right: -7.710+/-4.008 χ^2/NDF : 24.4/22

In: 0.583+/-5.914 χ^2/NDF : 10.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.710+/-4.008 χ^2/NDF : 24.4/22

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: 12173.675+/-3.854 χ^2/NDF : 95245.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

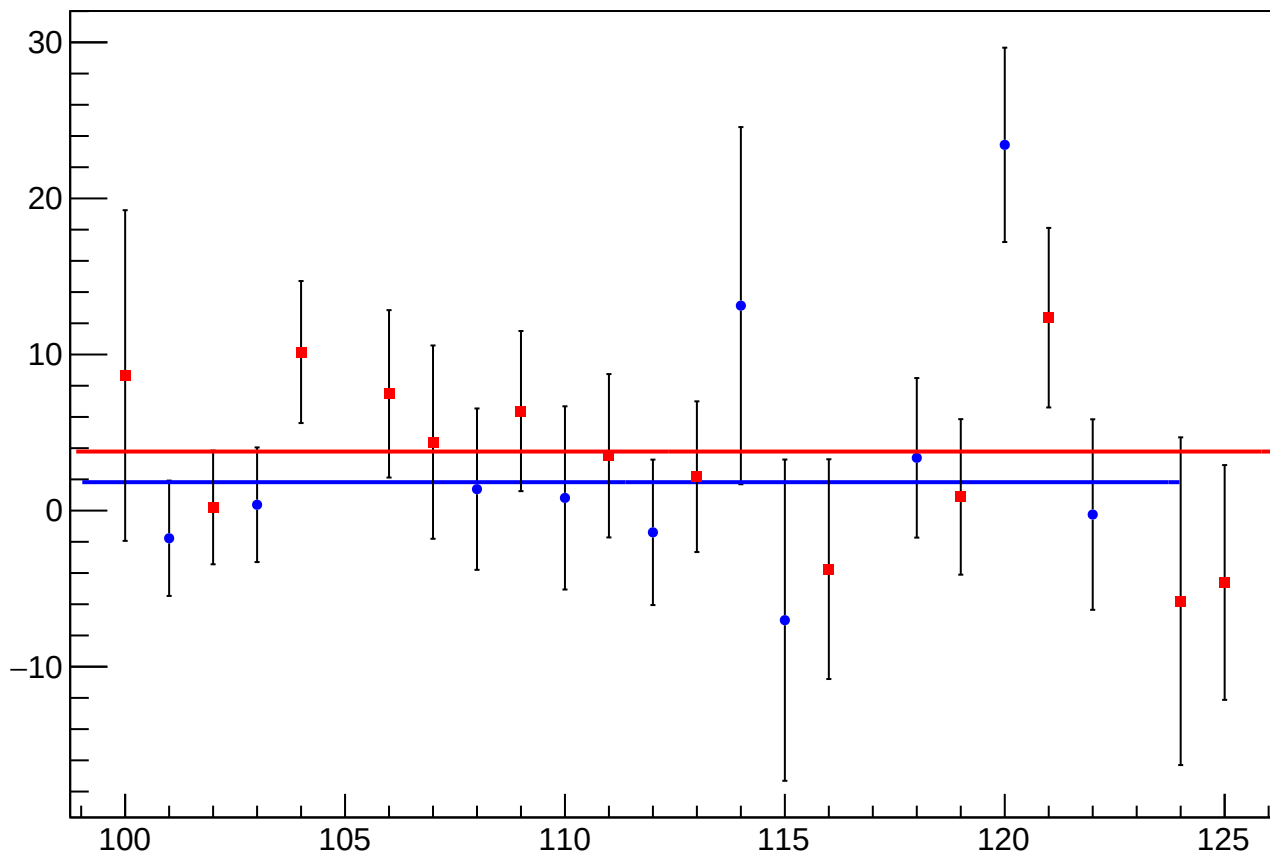
Right: 12045.003+/-2.834 χ^2/NDF : 173752.7/22

In: 11893.536+/-4.182 χ^2/NDF : 76080.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12045.003+/-2.834 χ^2/NDF : 173752.7/22

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: 3.783+/-1.528 χ^2/NDF : 9.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

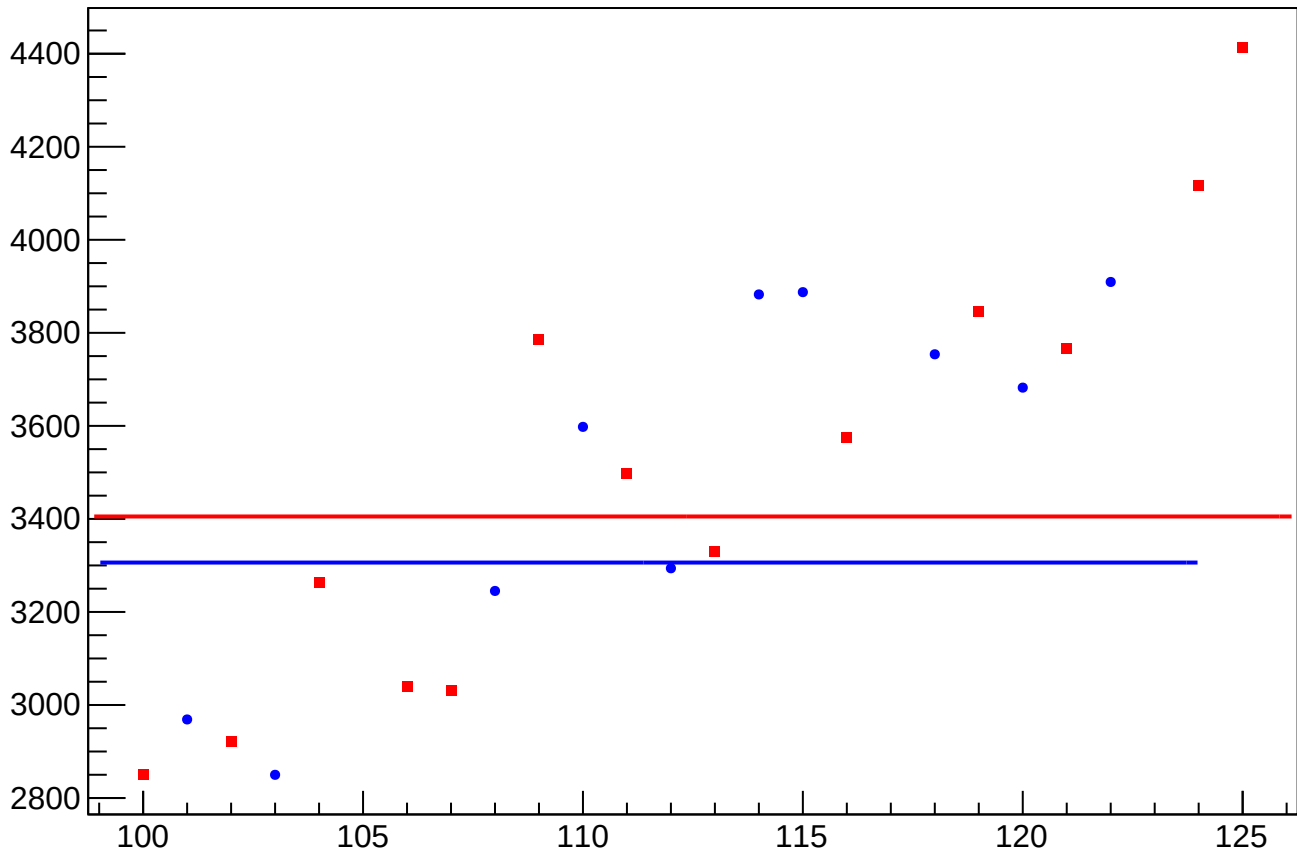
Right: 2.876+/-1.121 χ^2/NDF : 26.1/22

In: 1.821+/-1.649 χ^2/NDF : 15.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.876+/-1.121 χ^2/NDF : 26.1/22

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: 3405.251+/-1.080 χ^2/NDF : 141362.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

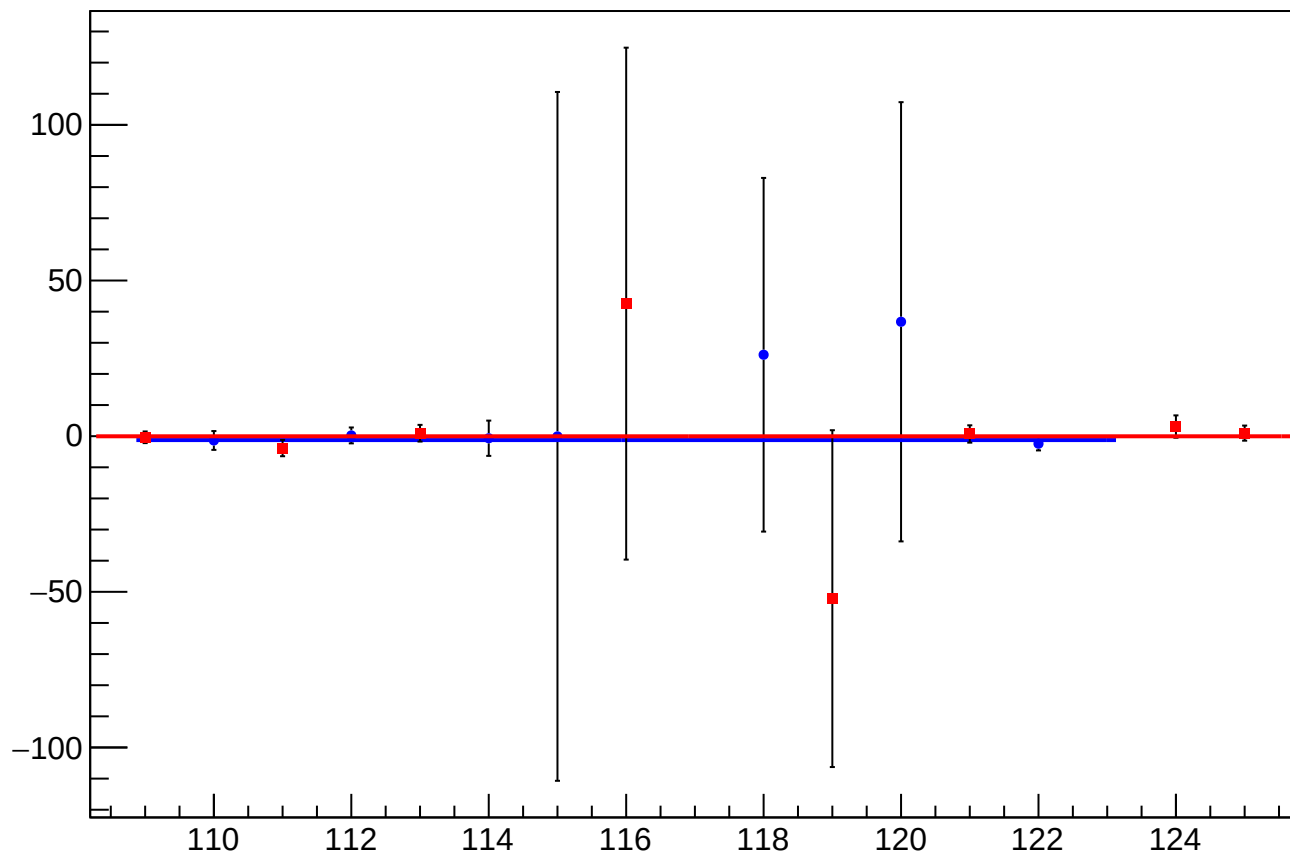
Right: 3359.481+/-0.792 χ^2/NDF : 251646.0/22

In: 3306.201+/-1.166 χ^2/NDF : 106400.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3359.481+/-0.792 χ^2/NDF : 251646.0/22

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: -0.036+/-1.028 χ^2/NDF : 4.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

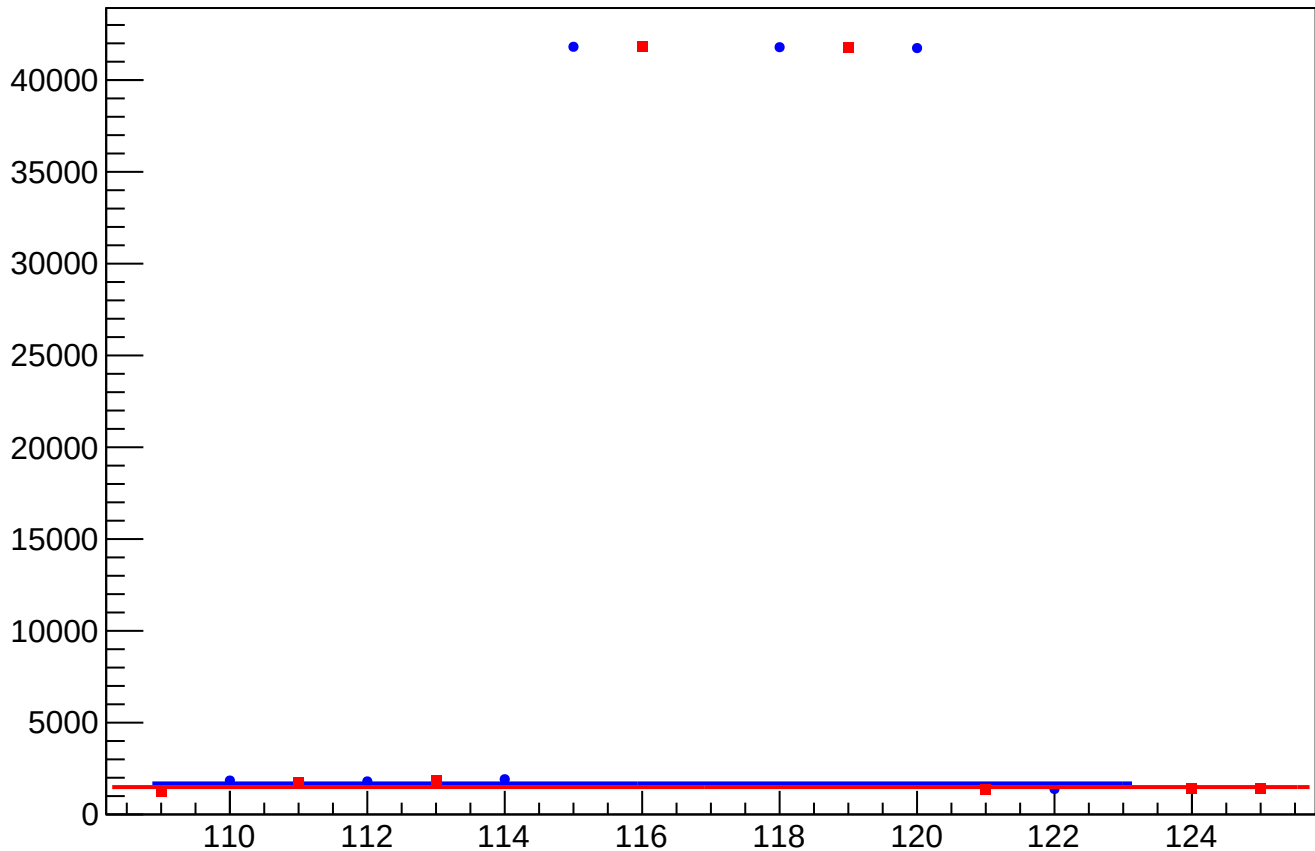
Right: -0.461+/-0.829 χ^2/NDF : 6.1/14

In: -1.252+/-1.402 χ^2/NDF :1.2/6

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.461+/-0.829 χ^2/NDF : 6.1/14

diff_bpm1p02bX_rms vs Slug, Sign Corrected



Right In: 1689.686 $\pm$ 0.991 χ^2 /NDF: 1956530.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1490.971 $\pm$ 0.727 χ^2 /NDF: 1688107.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

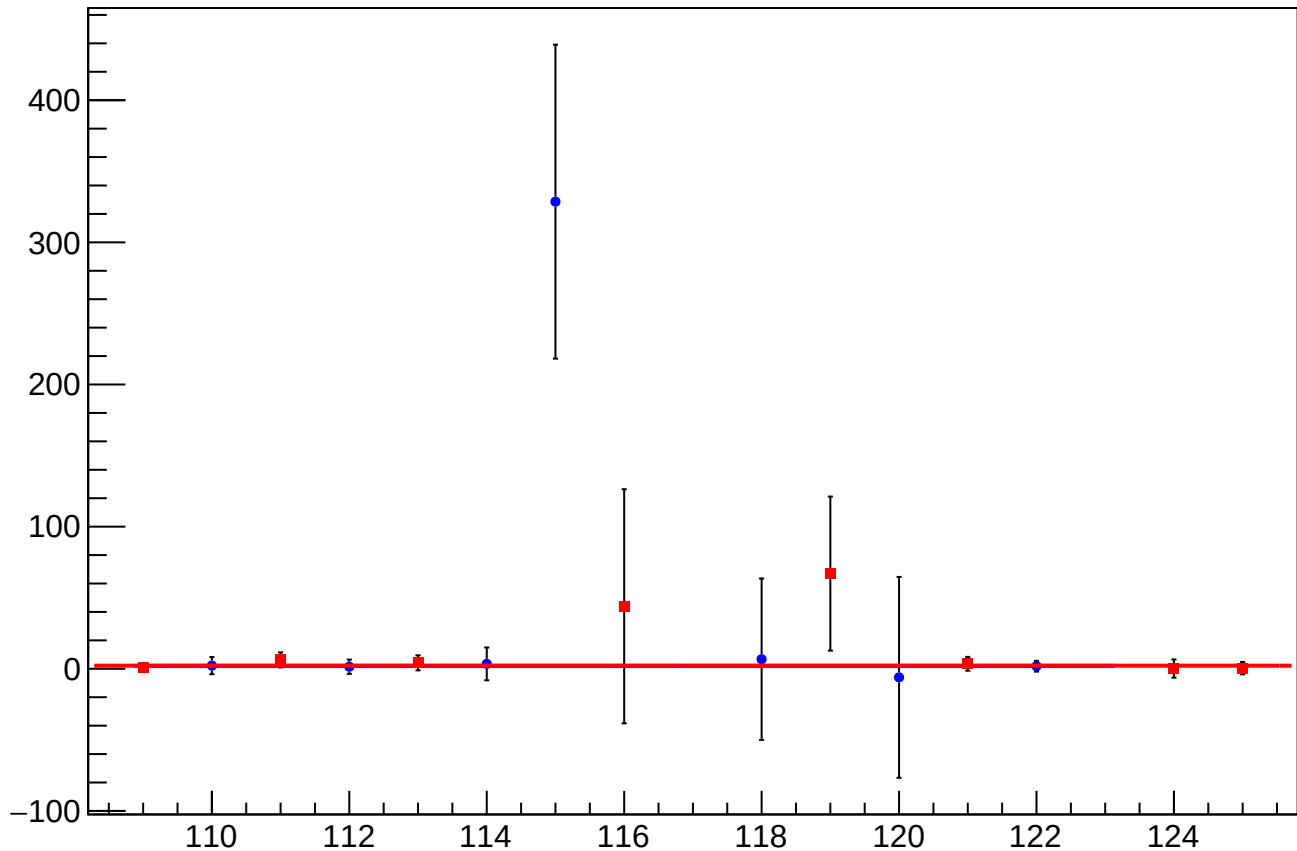
Right: 1560.442 $\pm$ 0.586 χ^2 /NDF: 3670784.1/14

In: 1689.686 $\pm$ 0.991 χ^2 /NDF: 1956530.5/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1560.442 $\pm$ 0.586 χ^2 /NDF: 3670784.1/14

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: 2.195+/-1.790 χ^2/NDF : 2.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

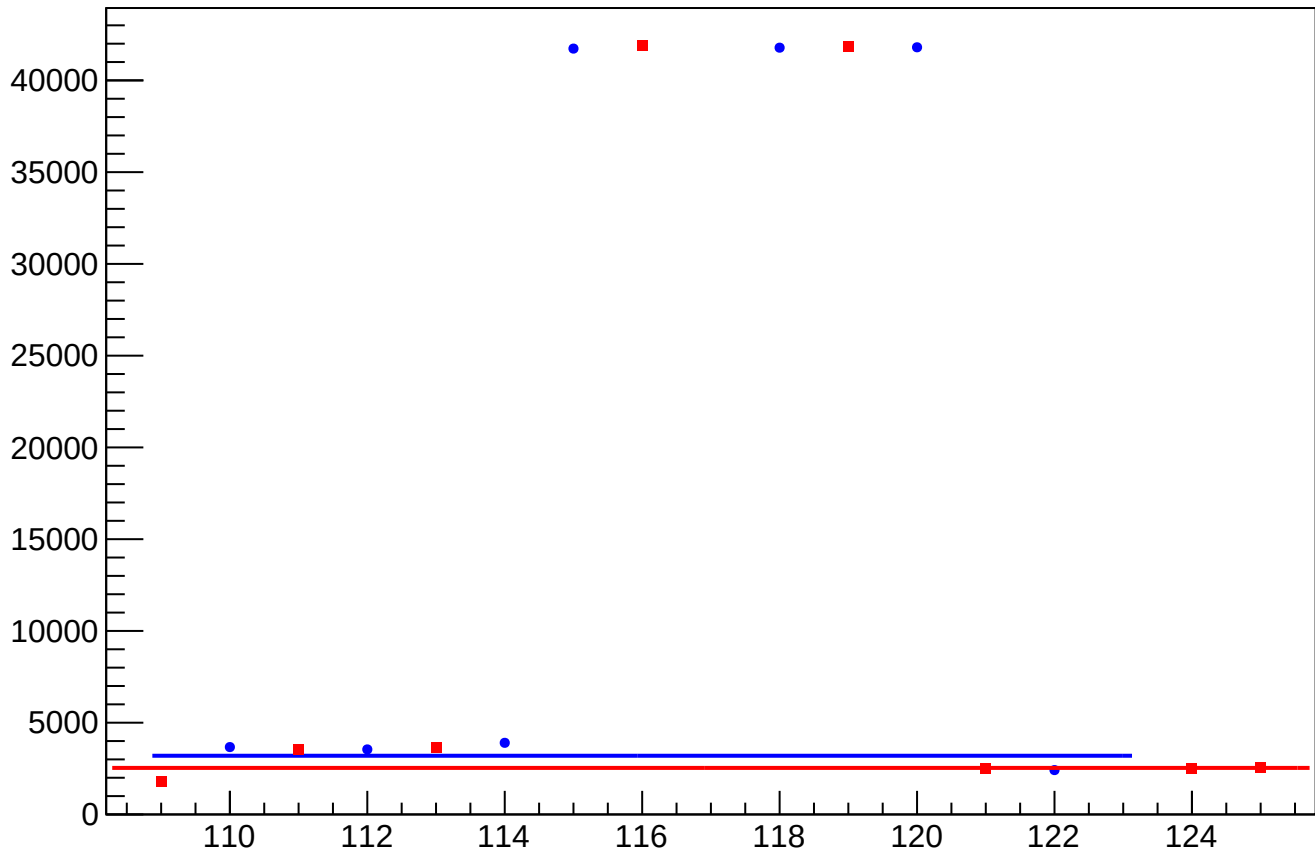
Right: 2.152+/-1.479 χ^2/NDF : 11.7/14

In: 2.059+/-2.624 χ^2/NDF : 8.8/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.152+/-1.479 χ^2/NDF : 11.7/14

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: 2536.335+/-1.266 χ^2/NDF : 1803539.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

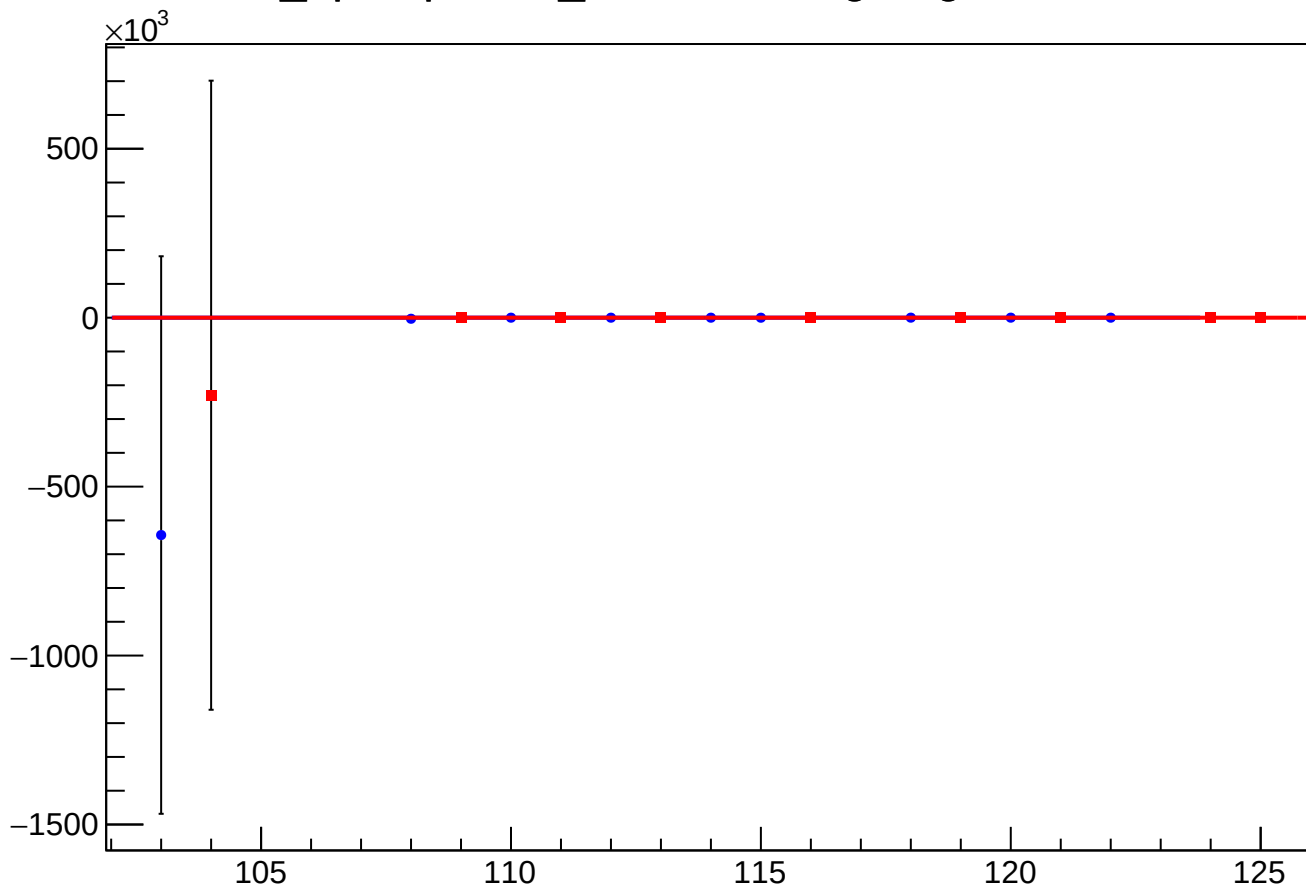
Right: 2746.800+/-1.045 χ^2/NDF : 3769134.6/14

In: 3199.044+/-1.855 χ^2/NDF : 1878512.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2746.800+/-1.045 χ^2/NDF : 3769134.6/14

diff_bpm1p03aX_mean vs Slug, Sign Corrected



Right In: 2.992 $\pm$ 2.375 χ^2 /NDF: 10.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.413 $\pm$ 1.908 χ^2 /NDF: 9.4/8

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

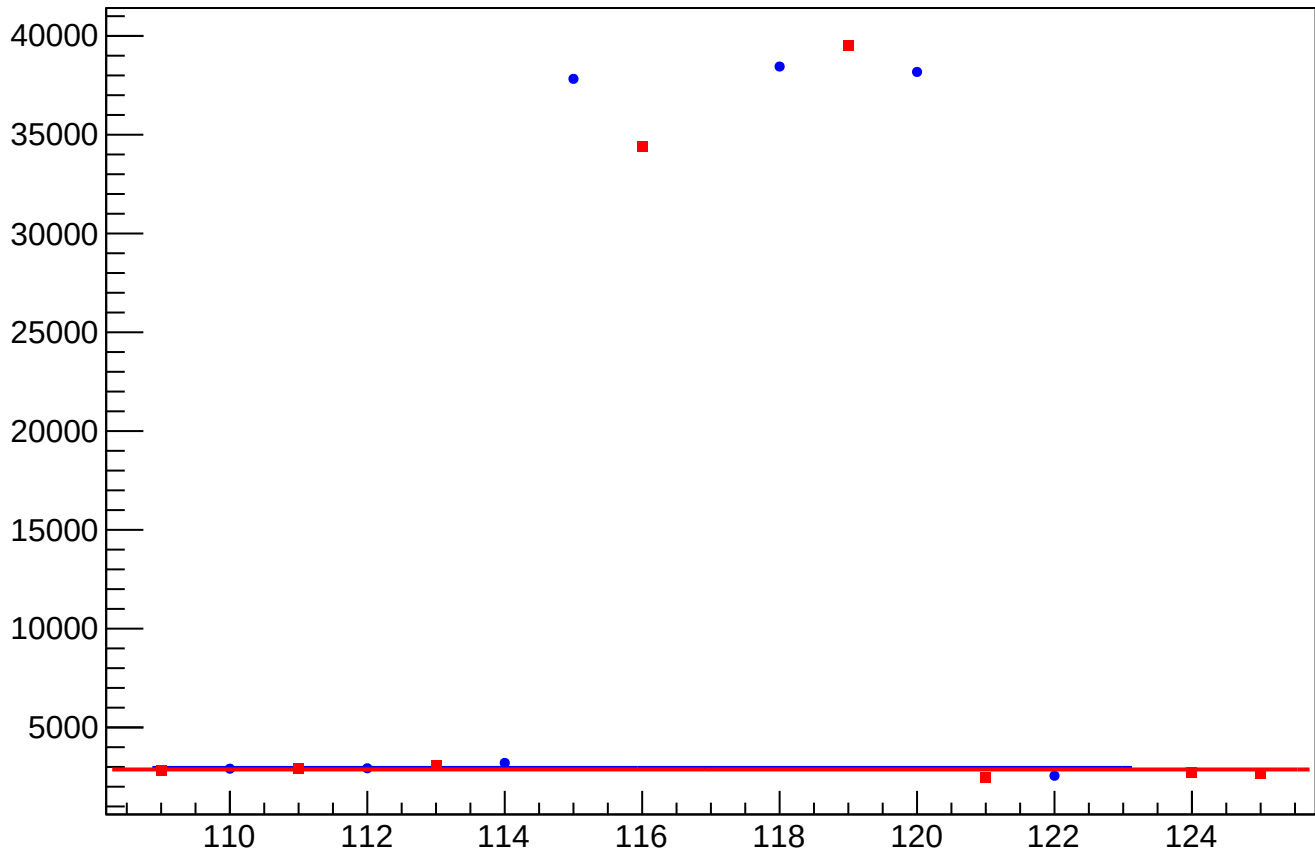
Right: 4.463 $\pm$ 1.487 χ^2 /NDF: 20.1/17

In: 2.992 $\pm$ 2.375 χ^2 /NDF: 10.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.463 $\pm$ 1.487 χ^2 /NDF: 20.1/17

diff_bpm1p03aX_rms vs Slug, Sign Corrected



Right In: 2950.501 $\pm$ 1.679 χ^2/NDF : 1776770.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 2872.087 $\pm$ 1.349 χ^2/NDF : 1481700.7/7

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

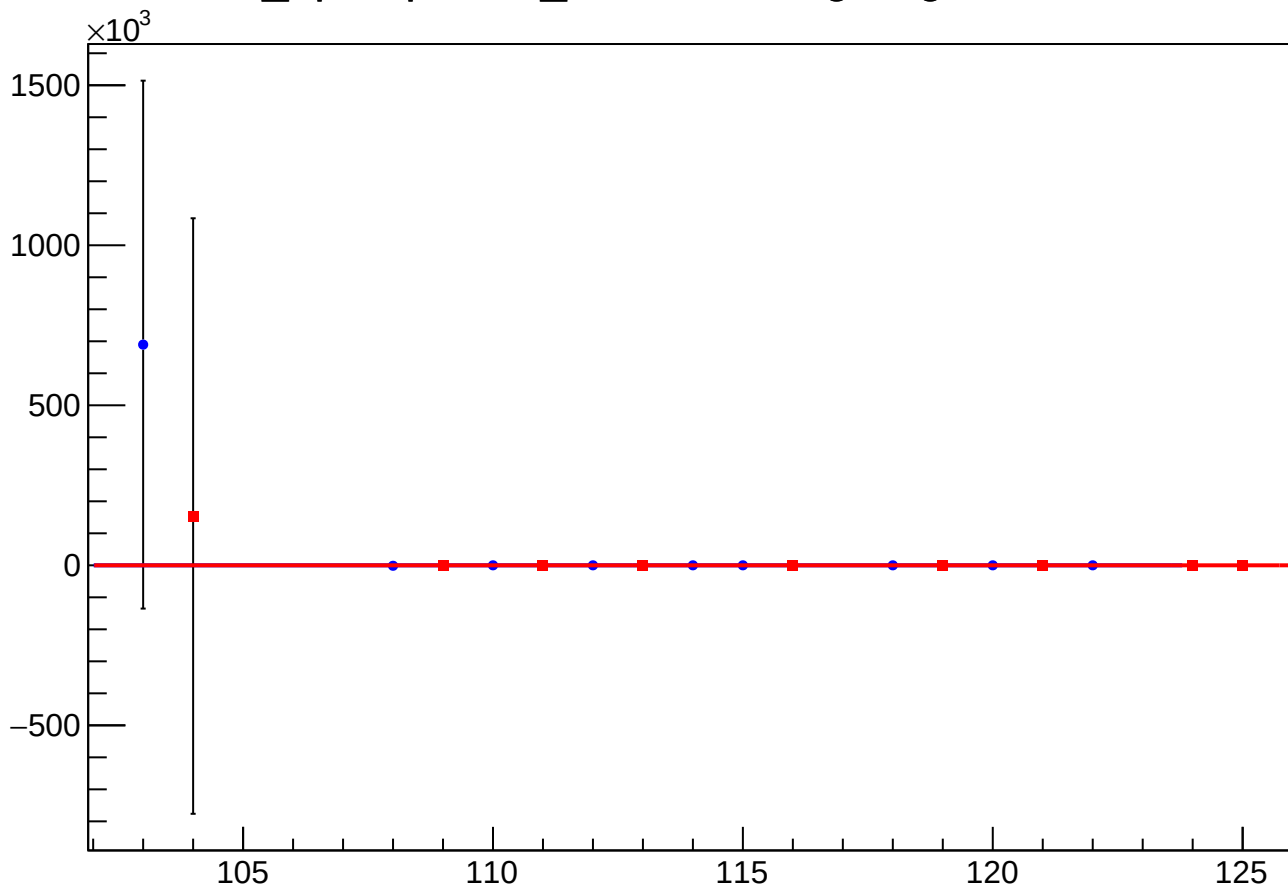
Right: 2902.853 $\pm$ 1.052 χ^2/NDF : 3259796.4/14

In: 2950.501 $\pm$ 1.679 χ^2/NDF : 1776770.5/6

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 2902.853 $\pm$ 1.052 χ^2/NDF : 3259796.4/14

diff_bpm1p03aY_mean vs Slug, Sign Corrected



Right In: 0.181+/-2.350 χ^2/NDF : 1.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.357+/-1.581 χ^2/NDF : 2.1/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

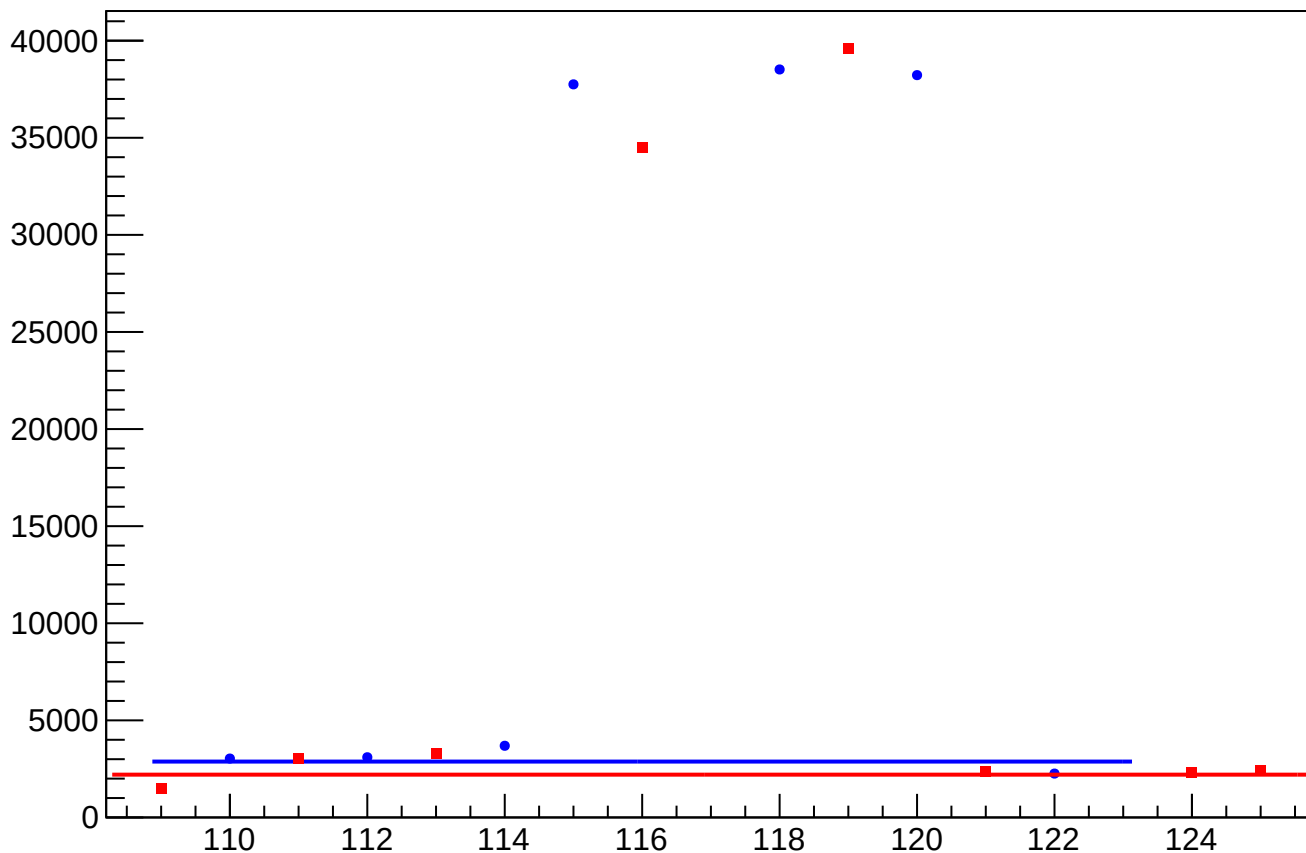
Right: 1.679+/-1.311 χ^2/NDF : 4.0/17

In: 0.181+/-2.350 χ^2/NDF : 1.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.679+/-1.311 χ^2/NDF : 4.0/17

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: 2204.009+/-1.118 χ^2/NDF : 1884774.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

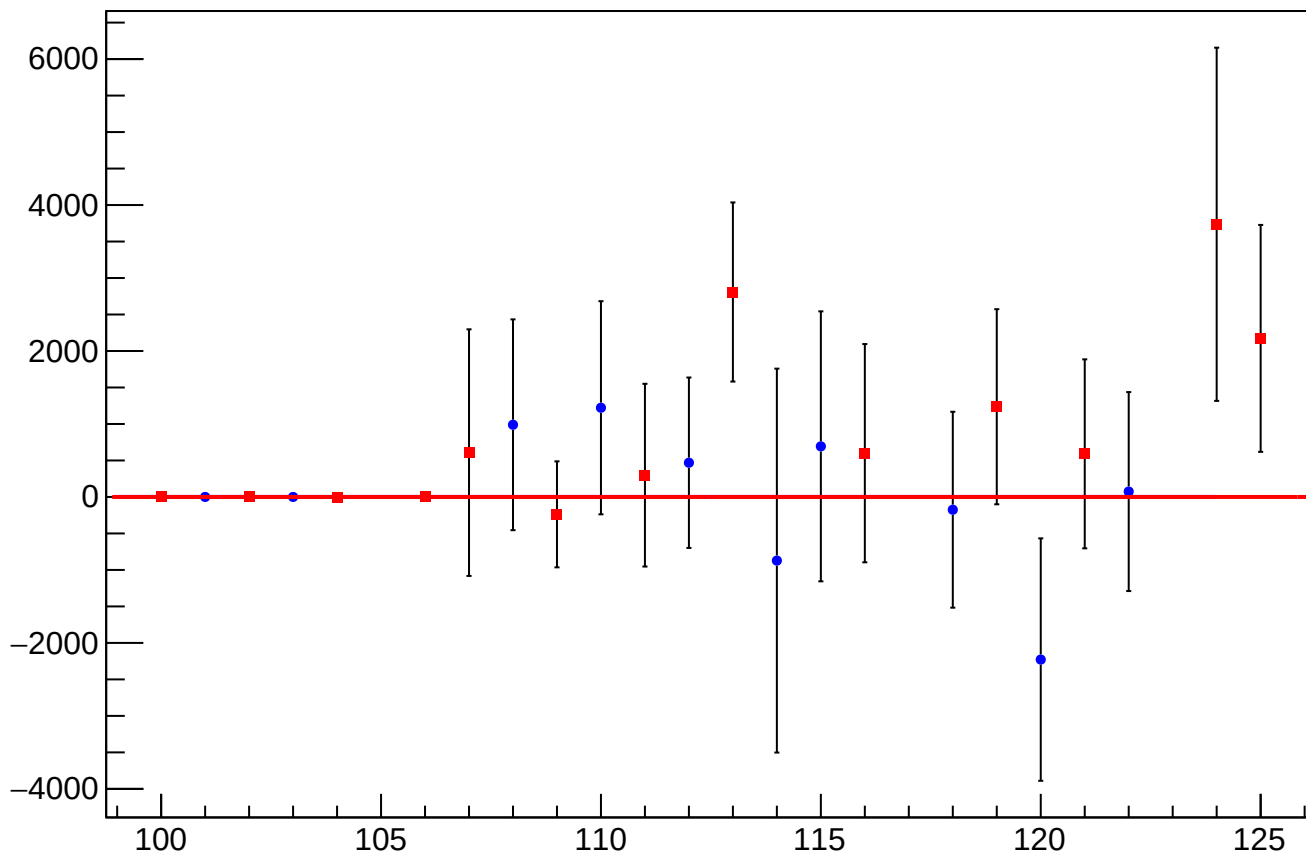
Right: 2413.851+/-0.927 χ^2/NDF : 3839984.9/14

In: 2877.583+/-1.661 χ^2/NDF : 1842061.3/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2413.851+/-0.927 χ^2/NDF : 3839984.9/14

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 : 14.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

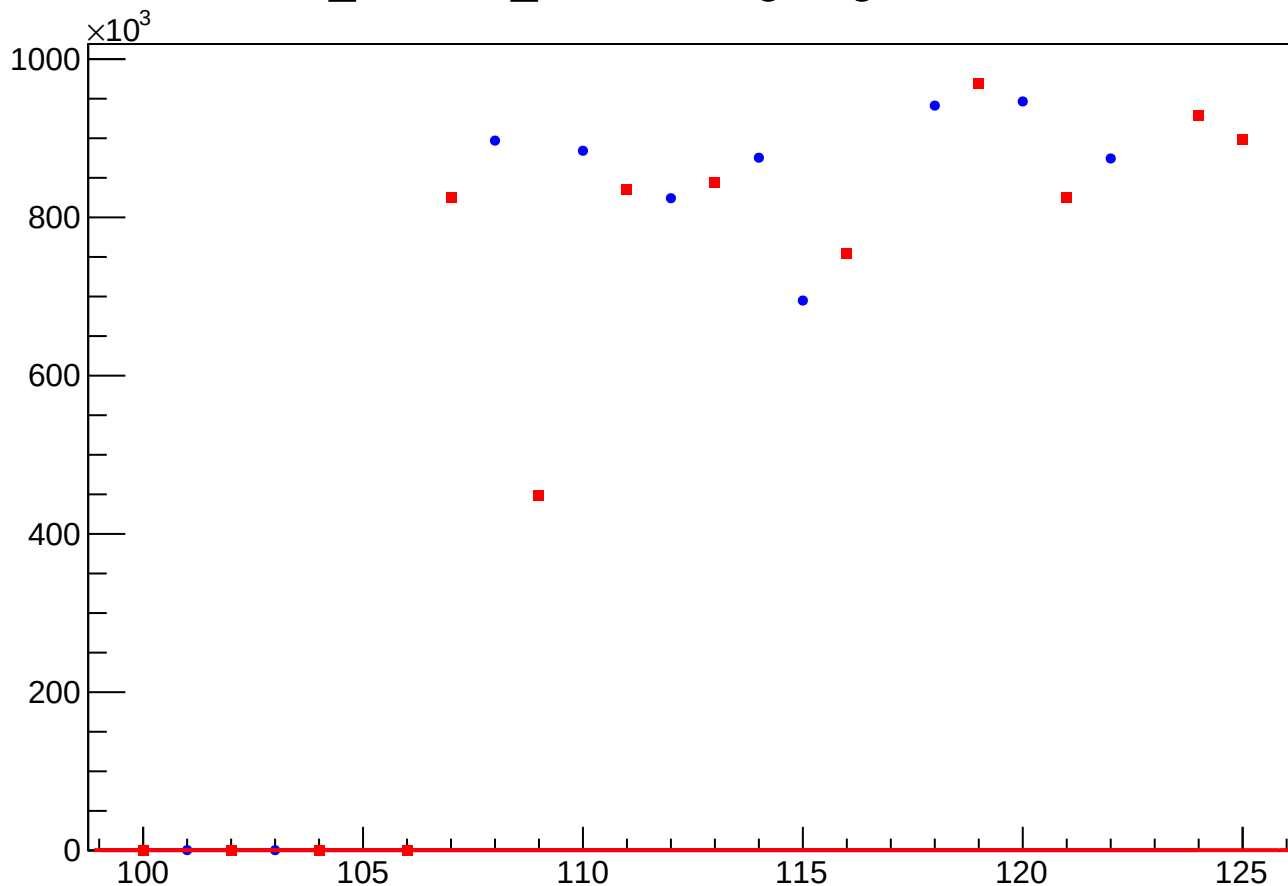
Right: 0.066+/-0.241 χ^2/NDF : 18.5/22

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 : 18.5/22

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 398.526 $\pm$ 0.251 χ^2/NDF : 4816092.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 393.067 $\pm$ 0.232 χ^2/NDF : 5487722.5/12

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

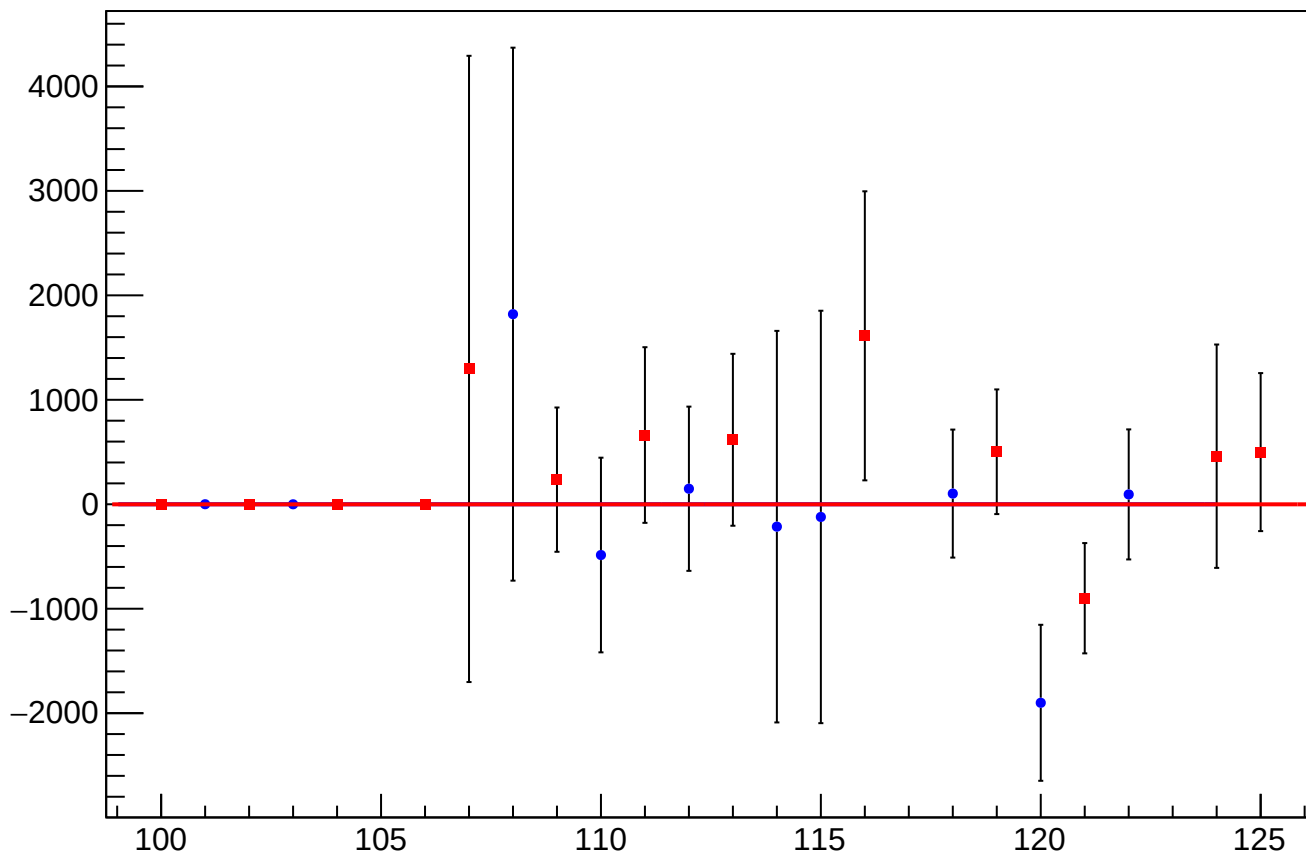
Right: 395.574 $\pm$ 0.170 χ^2/NDF : 10304070.2/22

In: 398.526 $\pm$ 0.251 χ^2/NDF : 4816092.8/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 395.574 $\pm$ 0.170 χ^2/NDF : 10304070.2/22

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 : 7.2/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

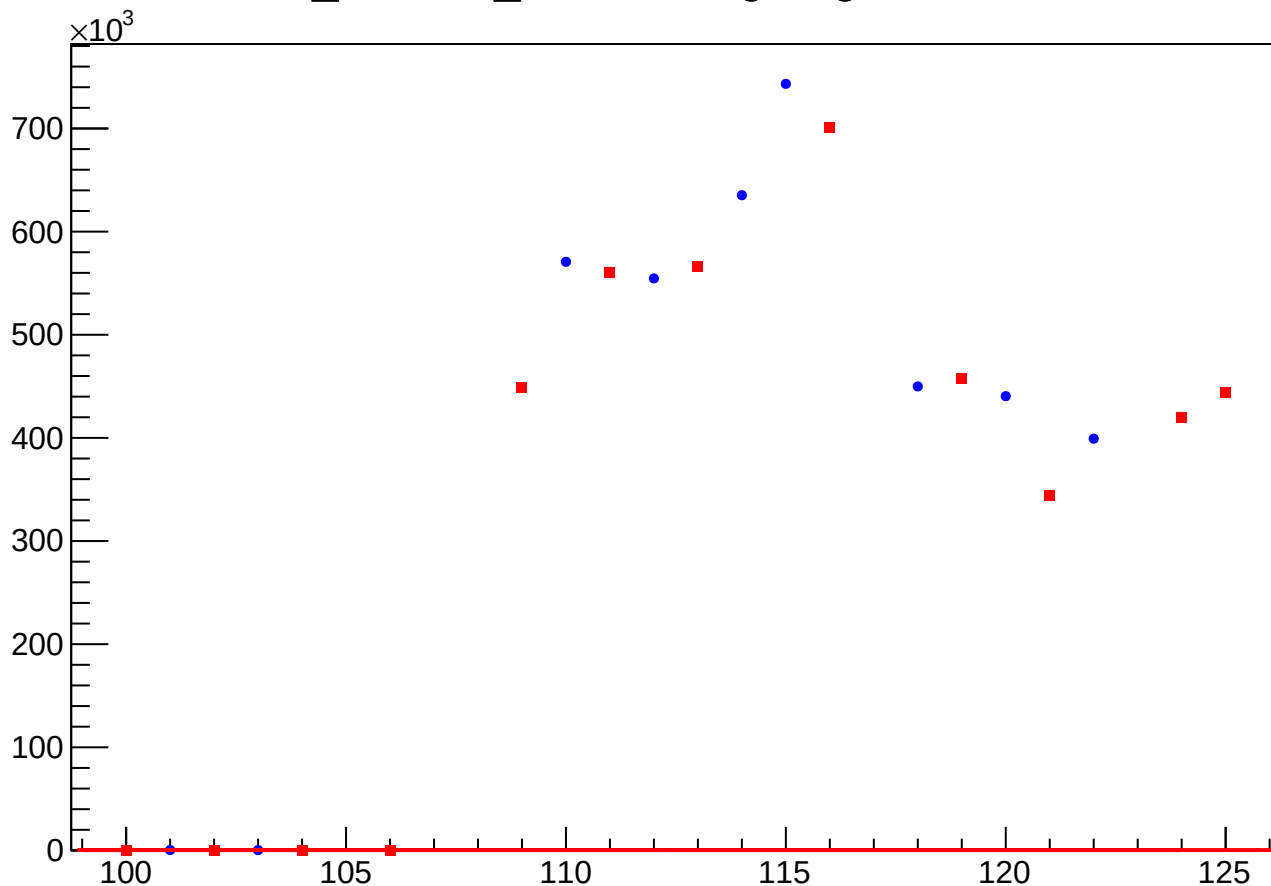
Right: -0.329 ± 0.237 χ^2/NDF : 16.7/22

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 : 16.7/22

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 389.261+/-0.245 χ^2/NDF : 4860676.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 387.266+/-0.229 χ^2/NDF : 6202651.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

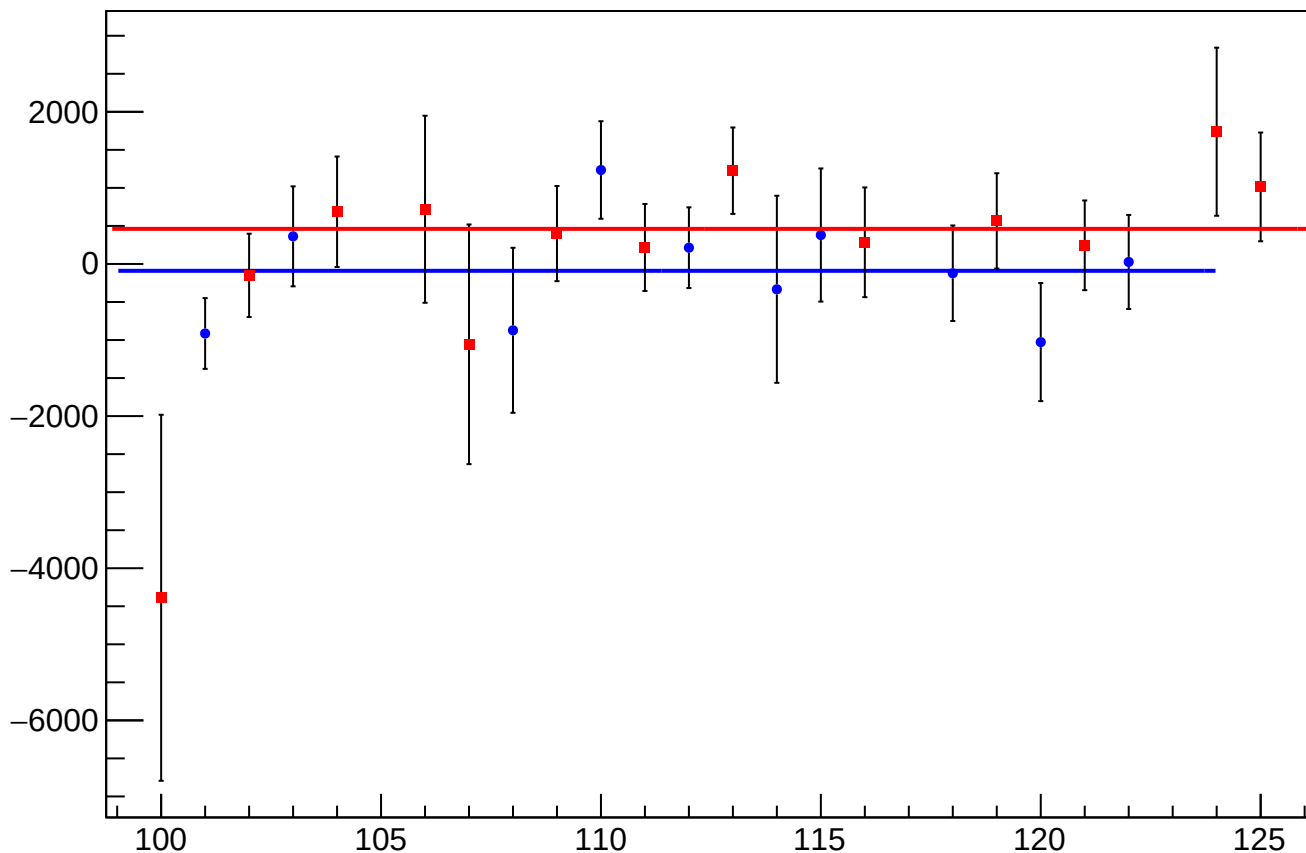
Right: 388.194+/-0.167 χ^2/NDF : 11063363.3/20

In: 389.261+/-0.245 χ^2/NDF :4860676.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 388.194+/-0.167 χ^2/NDF : 11063363.3/20

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: 461.565+/-198.802 χ^2/NDF : 10.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

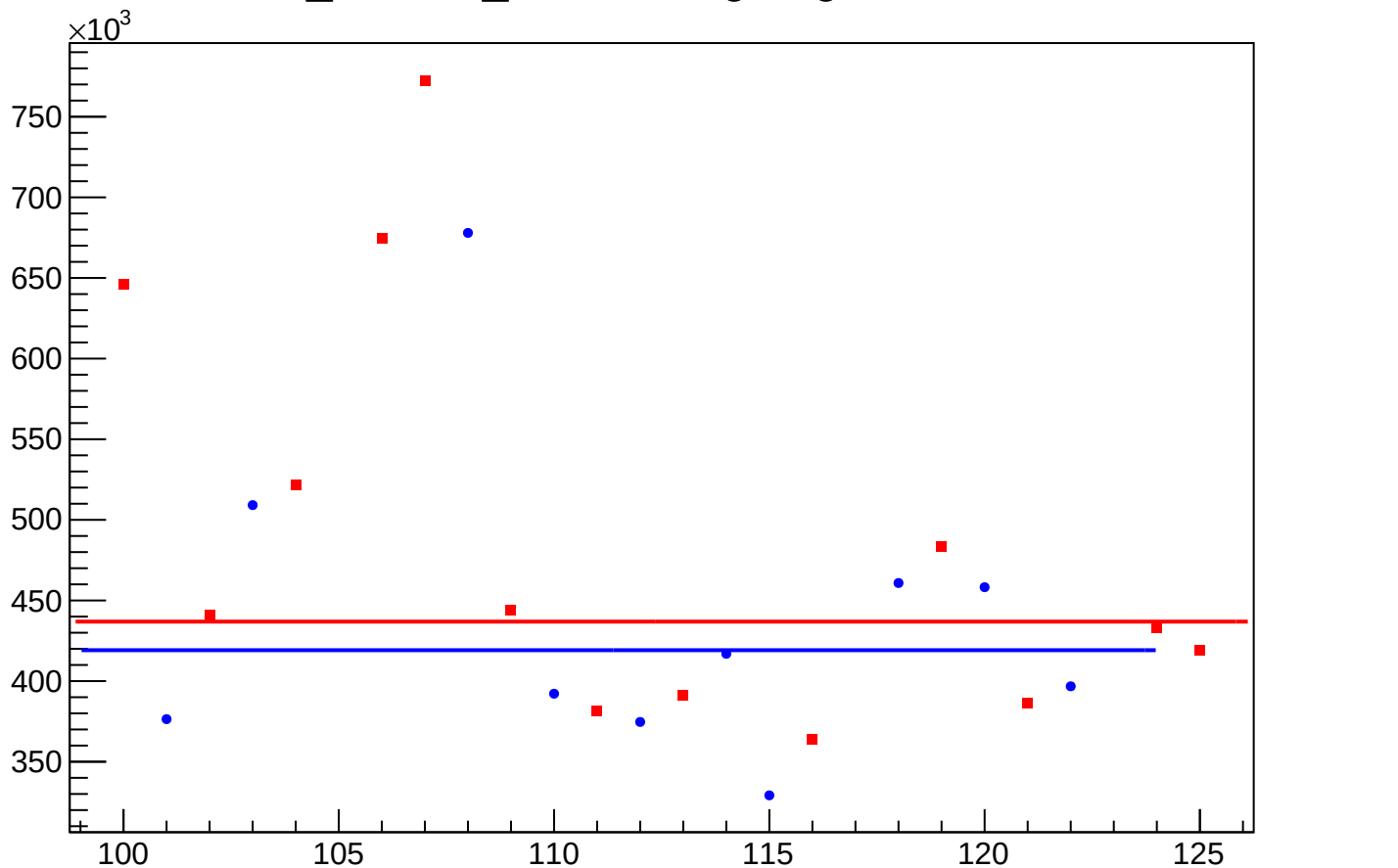
Right: 201.590+/-144.556 χ^2/NDF : 24.7/22

In: -90.078+/-210.571 χ^2/NDF : 10.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 201.590+/-144.556 χ^2/NDF : 24.7/22

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 419161.400+/-148.896 χ^2/NDF : 223561.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 436891.276+/-140.632 χ^2/NDF : 284918.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

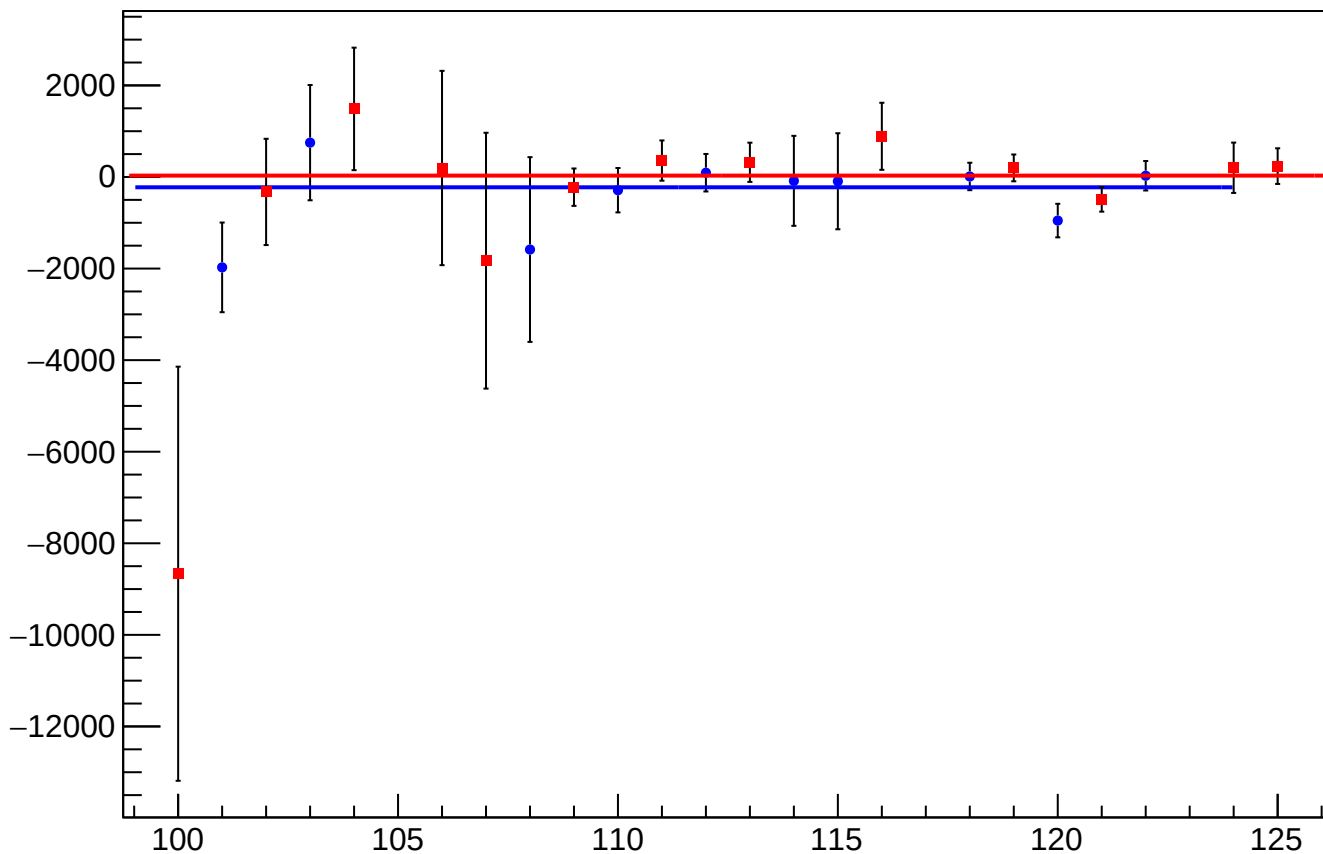
Right: 428532.022+/-102.239 χ^2/NDF : 515973.7/22

In: 419161.400+/-148.896 χ^2/NDF : 223561.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 428532.022+/-102.239 χ^2/NDF : 515973.7/22

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -224.858+/-153.710 χ^2/NDF : 10.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.079+/-134.061 χ^2/NDF : 12.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

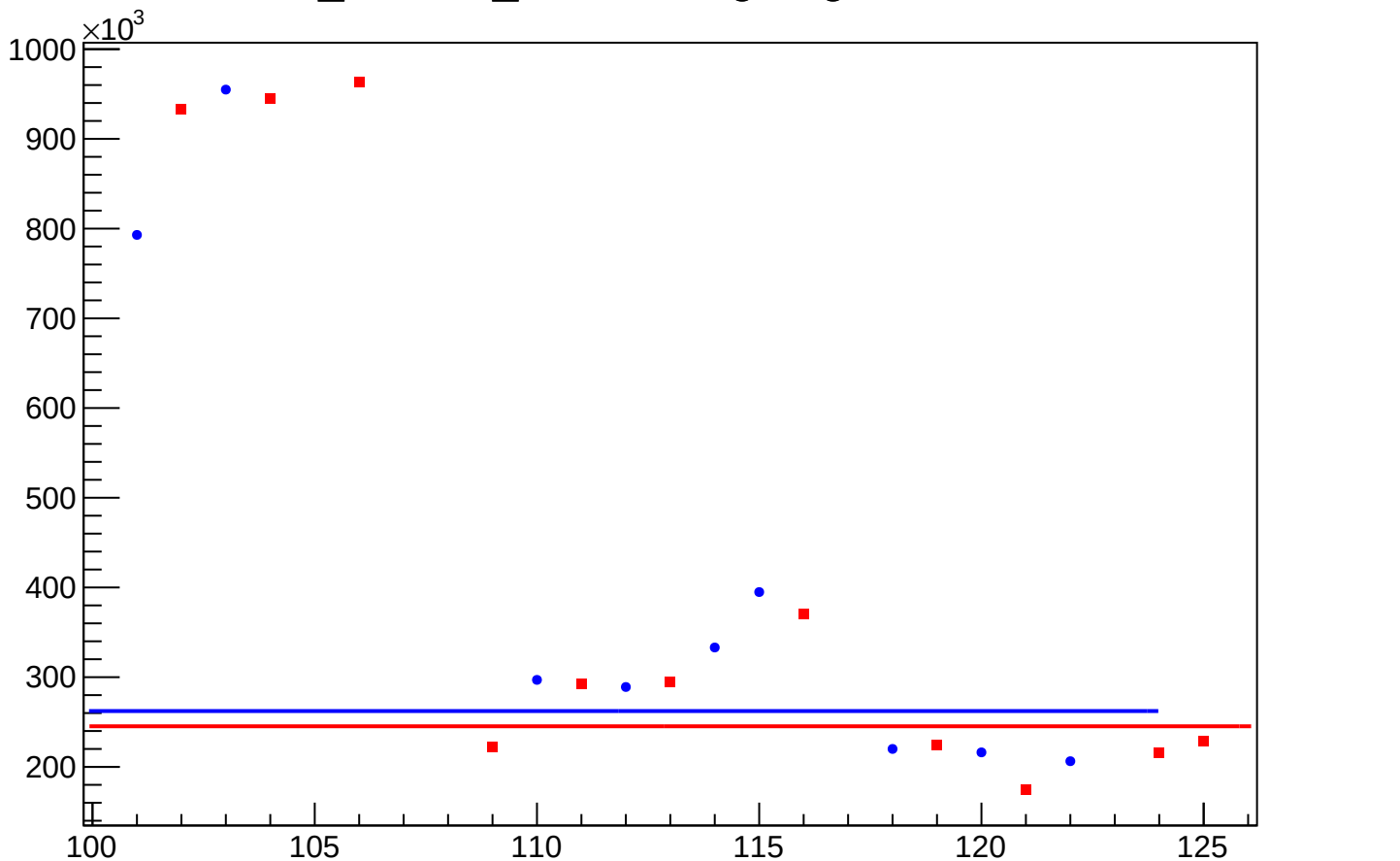
Right: -80.063+/-101.033 χ^2/NDF : 24.3/22

In: -224.858+/-153.710 χ^2/NDF : 10.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

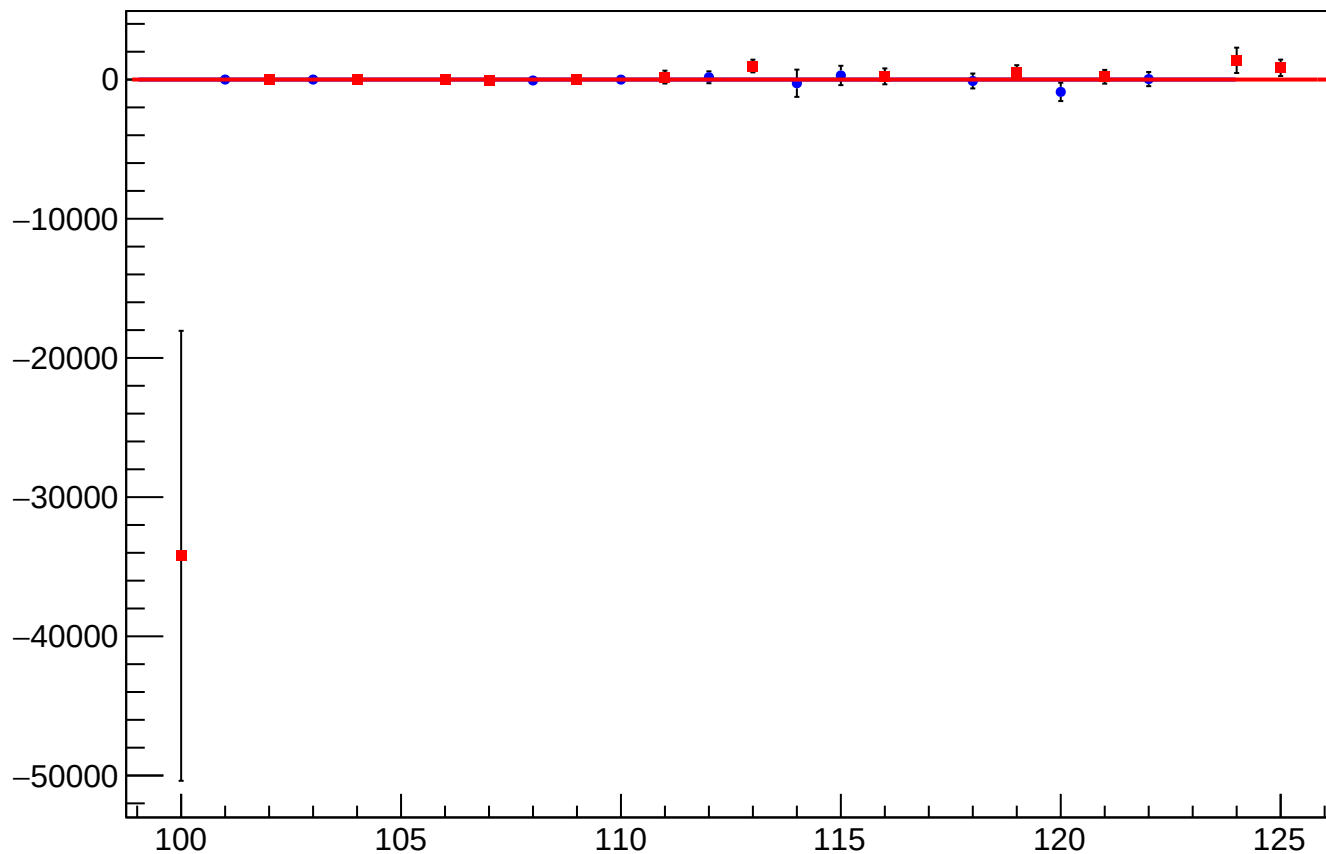
All: -80.063+/-101.033 χ^2/NDF : 24.3/22

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: 245264.947 $\pm$ 95.352 χ^2/NDF : 1411894.6/10
 Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: 252608.640 $\pm$ 71.843 χ^2/NDF : 2619209.6/19

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 : 15.5/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

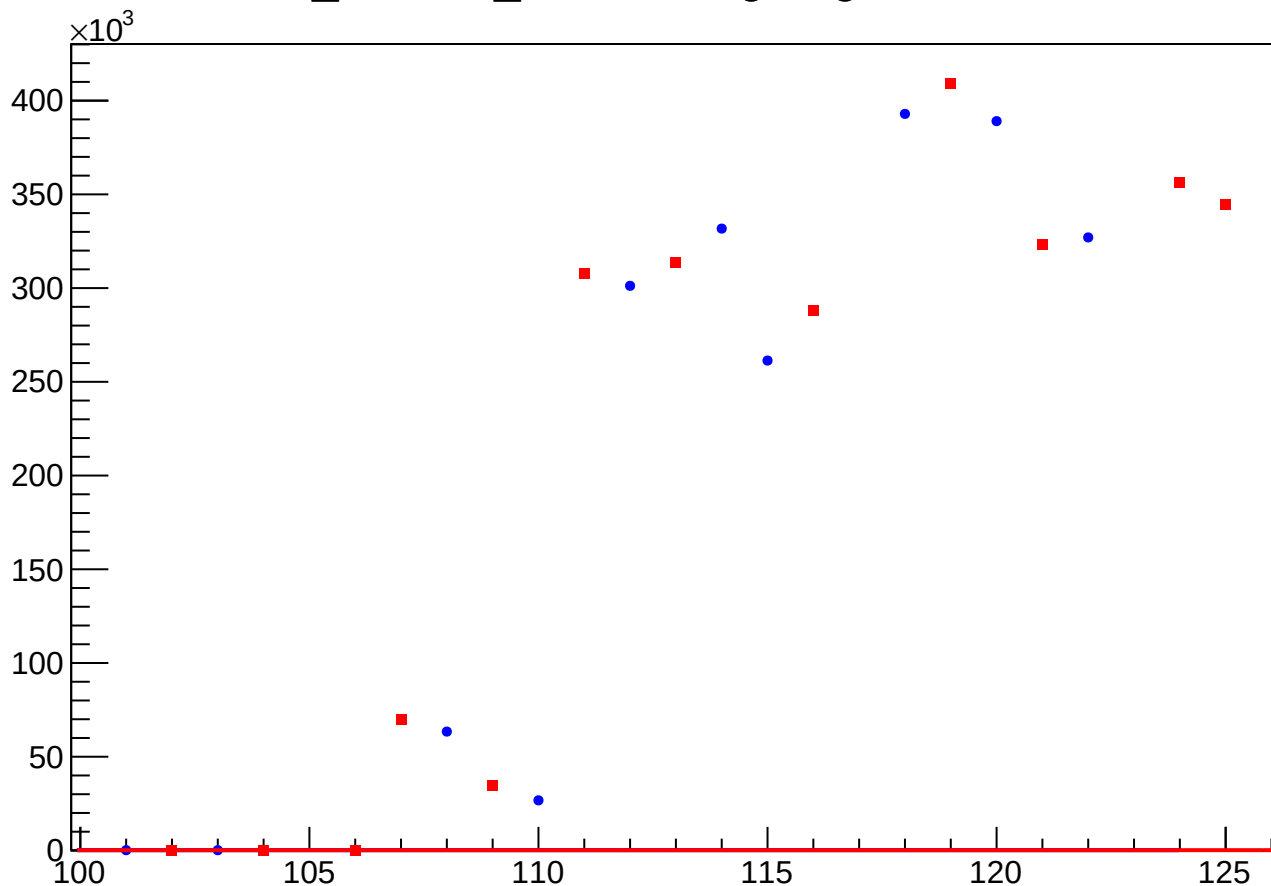
Right: 0.174 ± 0.117 χ^2/NDF : 21.6/22

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 : 21.6/22

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 148.800+/-0.122 χ^2/NDF : 5159392.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.198+/-0.113 χ^2/NDF : 6468020.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

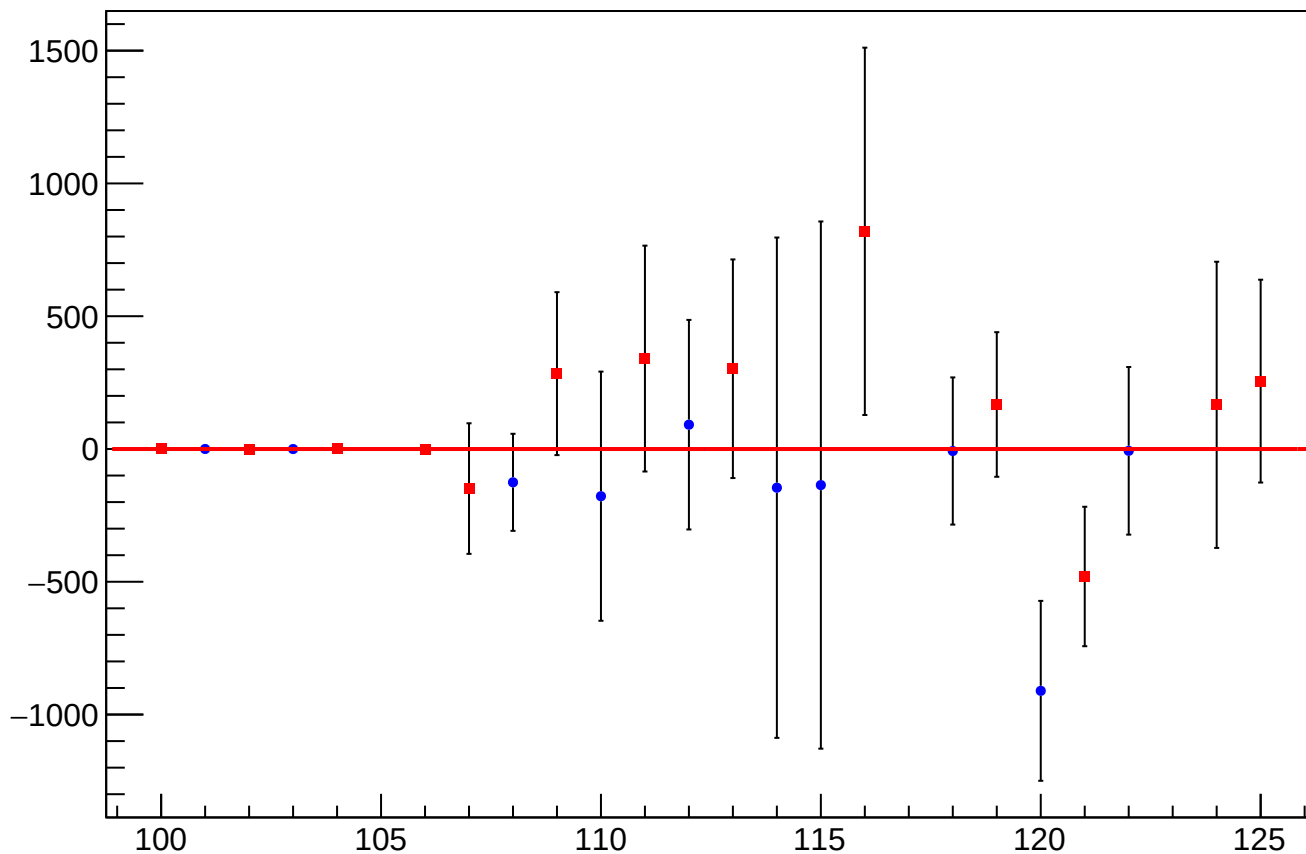
Right: 149.013+/-0.083 χ^2/NDF : 11627419.1/21

In: 148.800+/-0.122 χ^2/NDF : 5159392.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.013+/-0.083 χ^2/NDF : 11627419.1/21

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 : 8.3/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

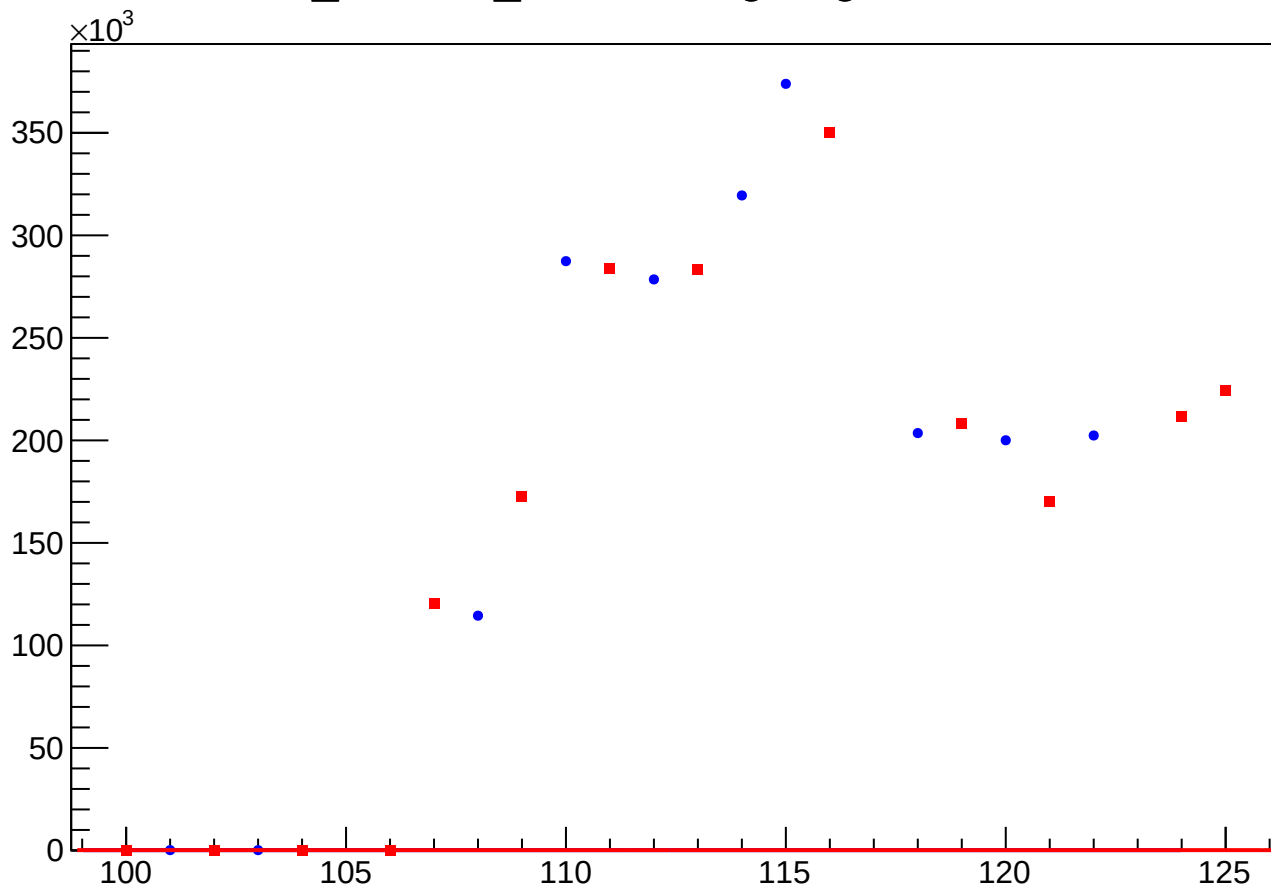
Right: -0.099 ± 0.121 χ^2/NDF : 16.4/22

In: -0.068 ± 0.177 χ^2/NDF : 8.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.099 ± 0.121 χ^2/NDF : 16.4/22

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: 155.778 $\pm$ 0.118 χ^2/NDF : 6456391.4/12

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

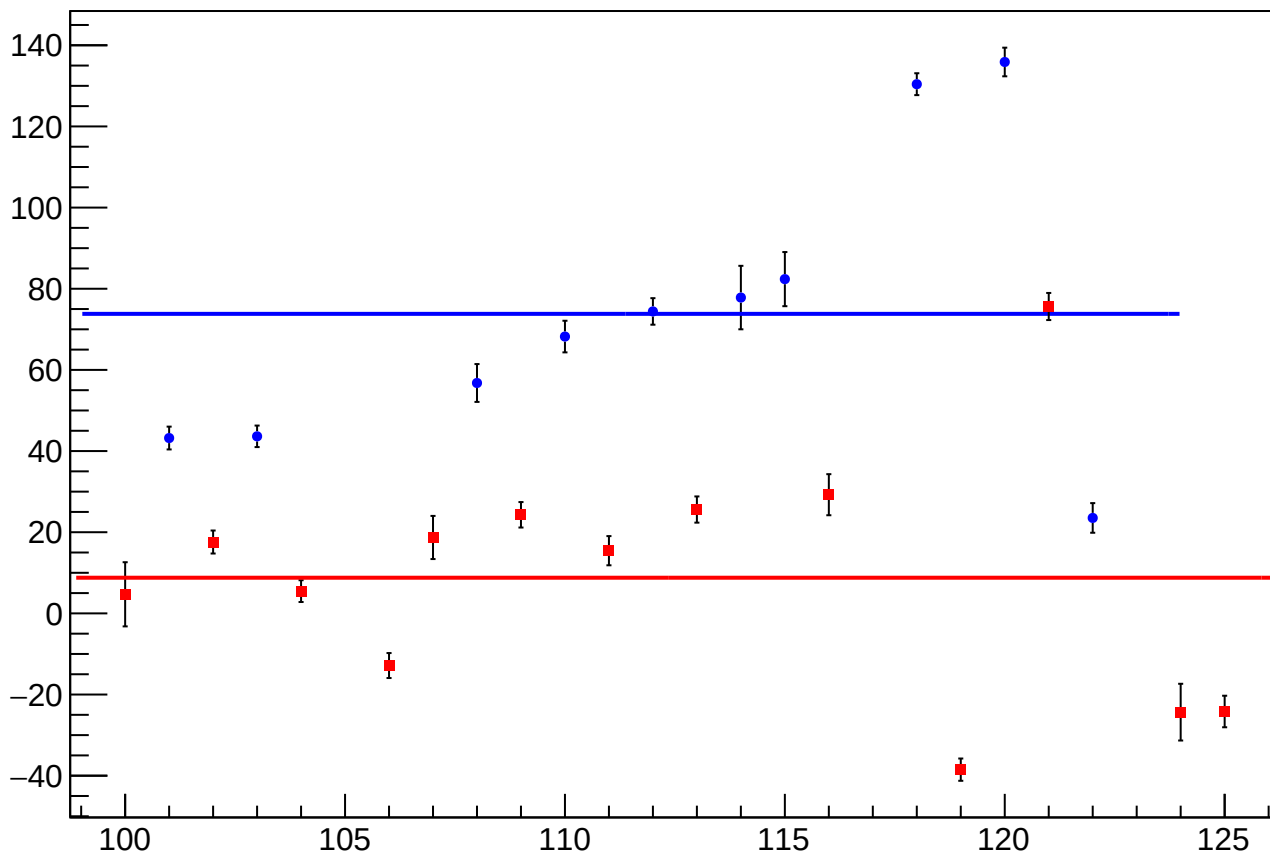
Right: 154.450 $\pm$ 0.086 χ^2/NDF : 12094720.9/22

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: 154.450 $\pm$ 0.086 χ^2/NDF : 12094720.9/22

diff_bpm0i01X_mean vs Slug, Sign Corrected



Right In: 73.812+/-1.114 χ^2/NDF : 1205.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.788+/-0.979 χ^2/NDF : 927.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

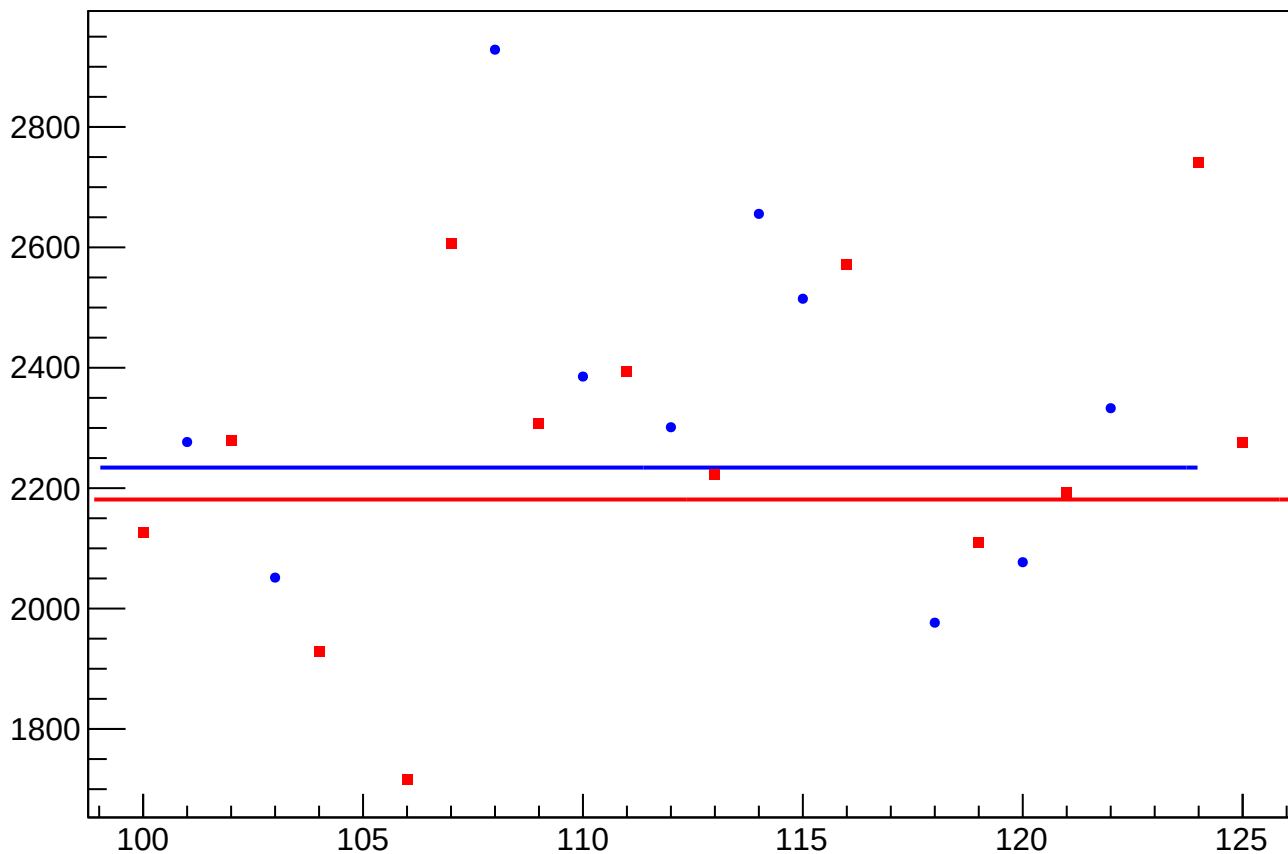
Right: 37.132+/-0.735 χ^2/NDF : 4055.6/22

In: 73.812+/-1.114 χ^2/NDF : 1205.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.132+/-0.735 χ^2/NDF : 4055.6/22

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: 2181.158+/-0.692 χ^2/NDF : 116626.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

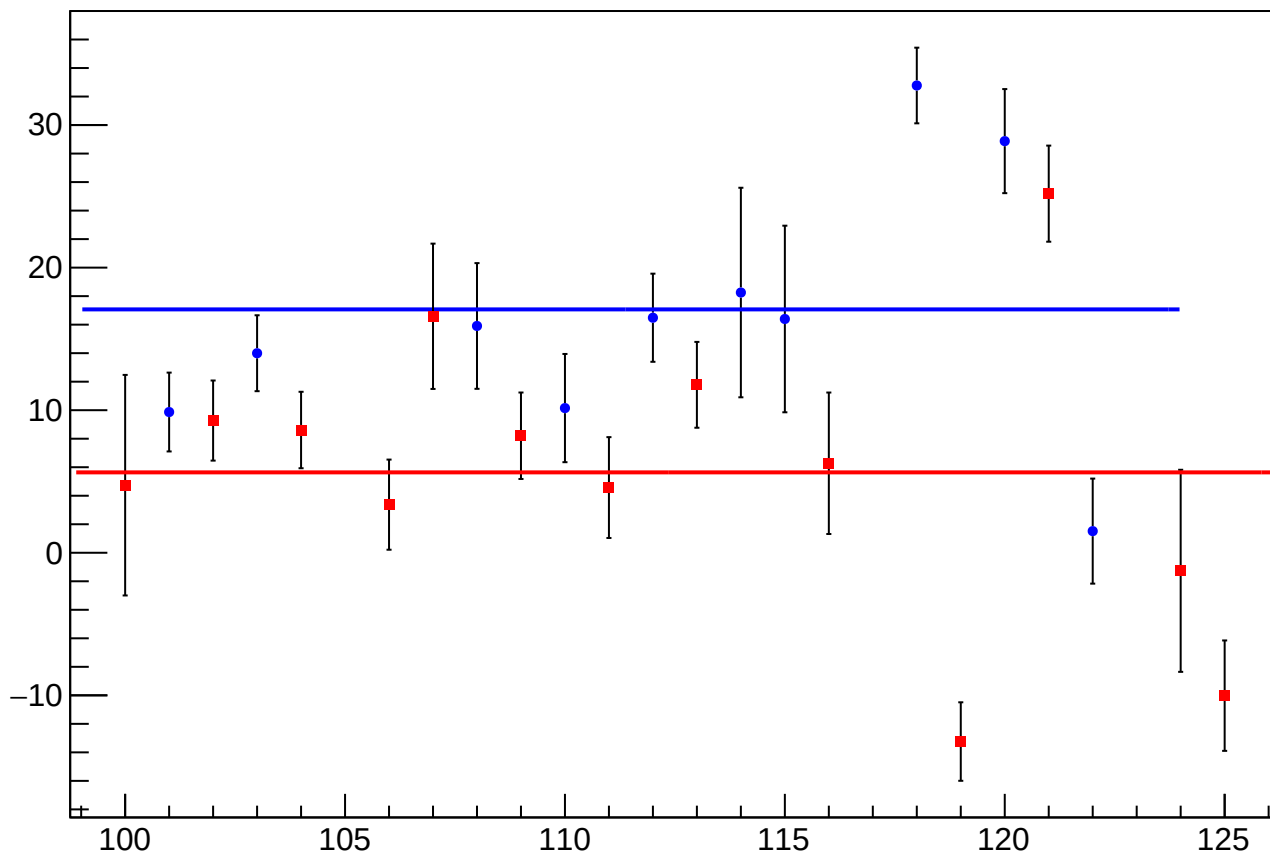
Right: 2204.280+/-0.520 χ^2/NDF : 210367.4/22

In: 2234.202+/-0.788 χ^2/NDF : 91182.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2204.280+/-0.520 χ^2/NDF : 210367.4/22

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: 5.639 $\pm$ 0.968 χ^2 /NDF: 111.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

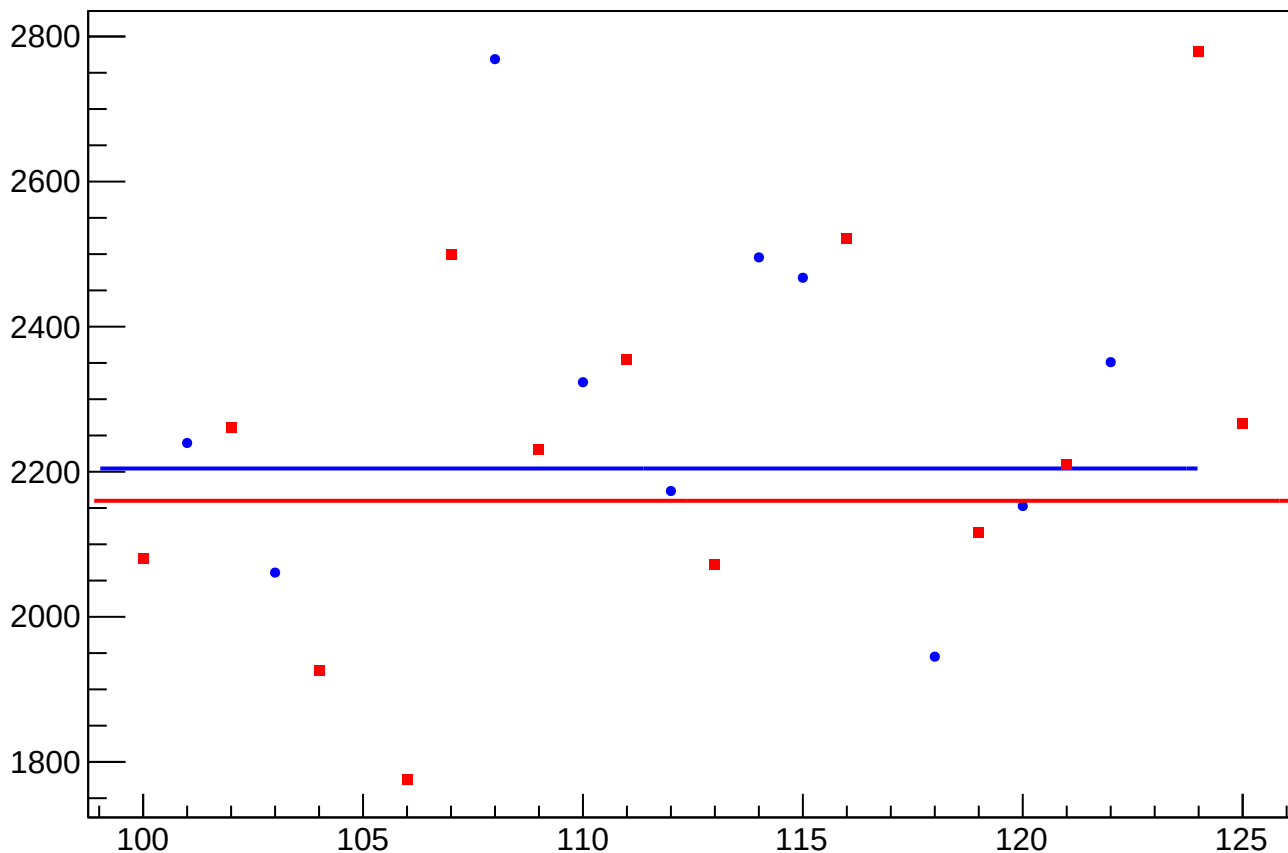
Right: 10.639 $\pm$ 0.726 χ^2 /NDF: 246.9/22

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: 10.639 $\pm$ 0.726 χ^2 /NDF: 246.9/22

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: 2159.990+/-0.684 χ^2/NDF : 93591.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

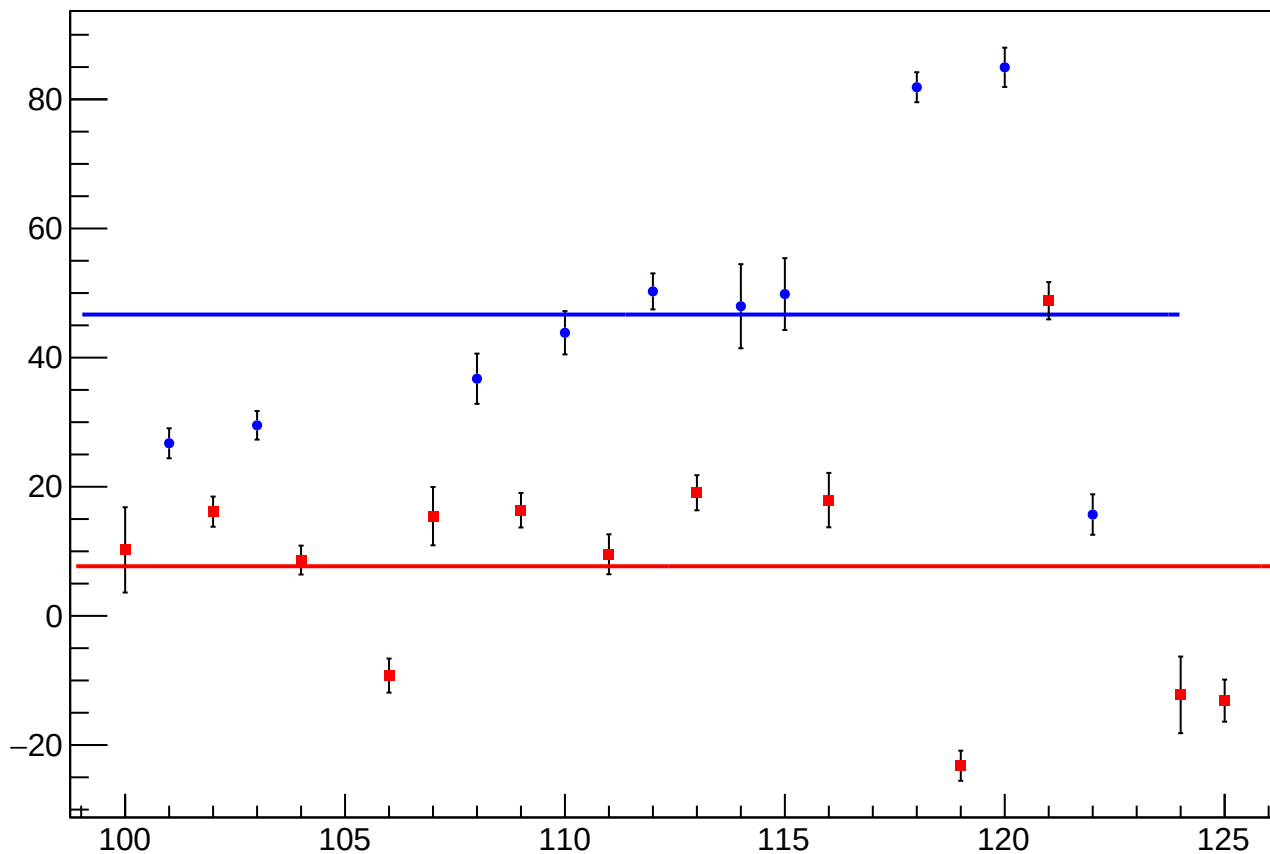
Right: 2179.457+/-0.513 χ^2/NDF : 165548.1/22

In: 2204.489+/-0.776 χ^2/NDF : 70107.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2179.457+/-0.513 χ^2/NDF : 165548.1/22

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: 7.689 $\pm$ 0.827 χ^2 /NDF: 522.6/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

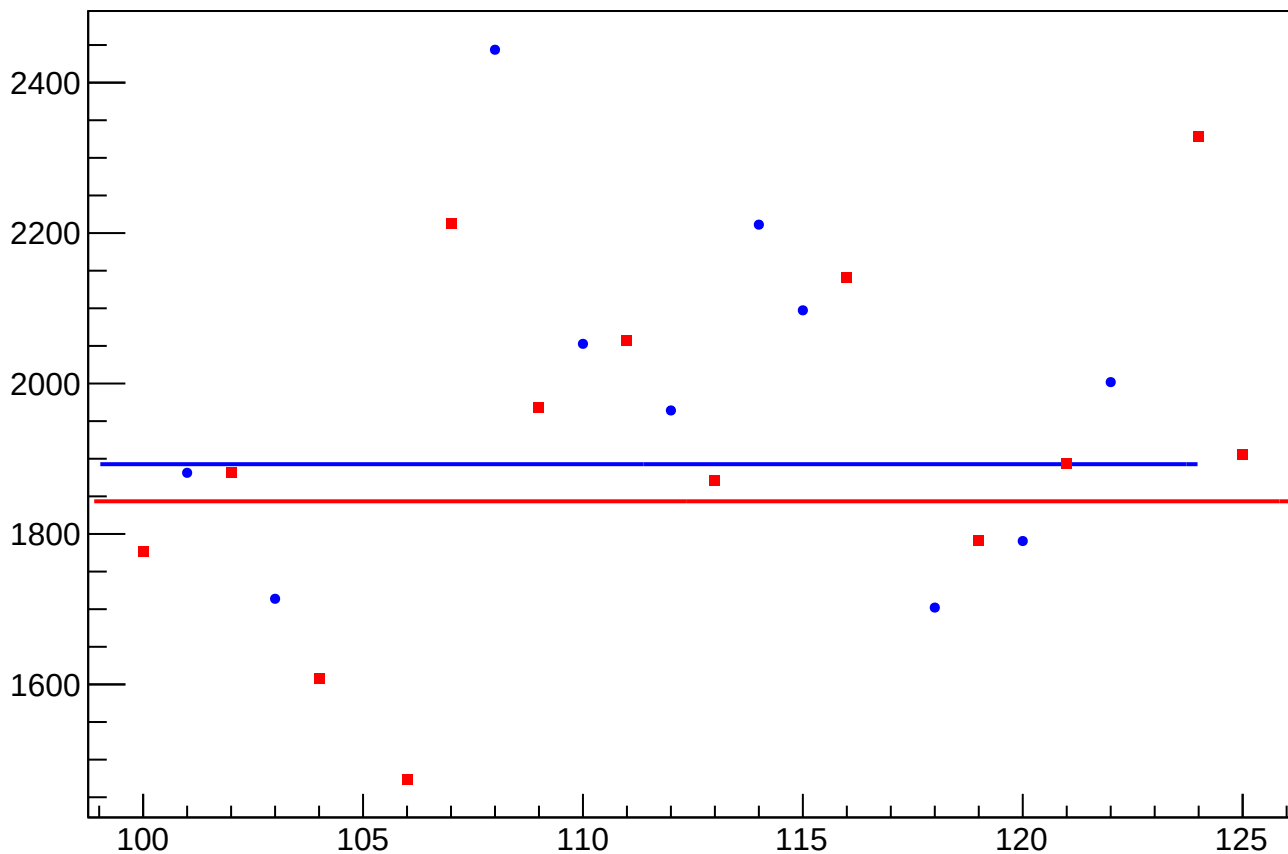
Right: 24.644 $\pm$ 0.622 χ^2 /NDF: 2117.3/22

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: 24.644 $\pm$ 0.622 χ^2 /NDF: 2117.3/22

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: 1843.426+/-0.585 χ^2/NDF : 115413.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

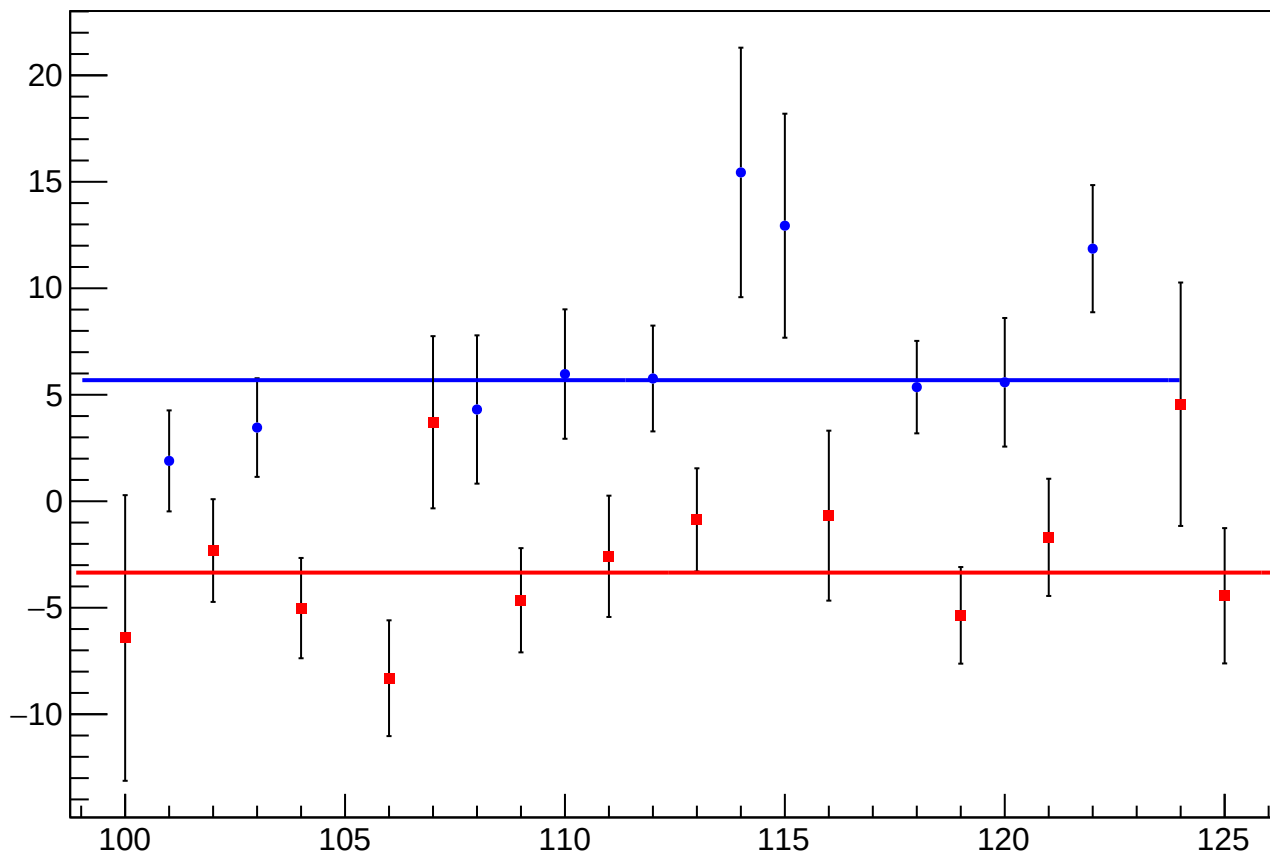
Right: 1864.883+/-0.440 χ^2/NDF : 203236.0/22

In: 1892.756+/-0.667 χ^2/NDF : 84730.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1864.883+/-0.440 χ^2/NDF : 203236.0/22

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: -3.350 $\pm$ 0.803 χ^2 /NDF: 12.3/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

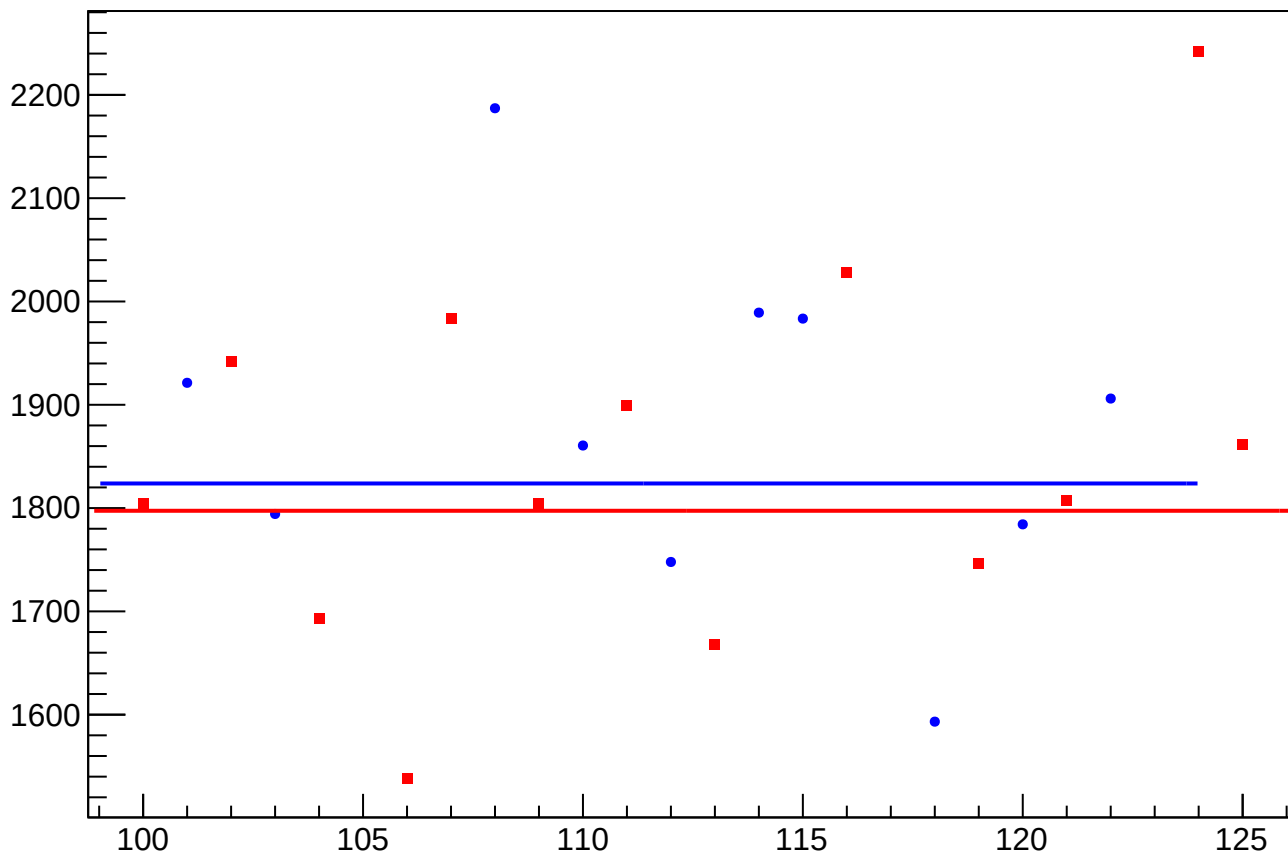
Right: 0.622 $\pm$ 0.601 χ^2 /NDF: 80.6/22

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: 0.622 $\pm$ 0.601 χ^2 /NDF: 80.6/22

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: 1797.387+/-0.568 χ^2/NDF : 62434.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

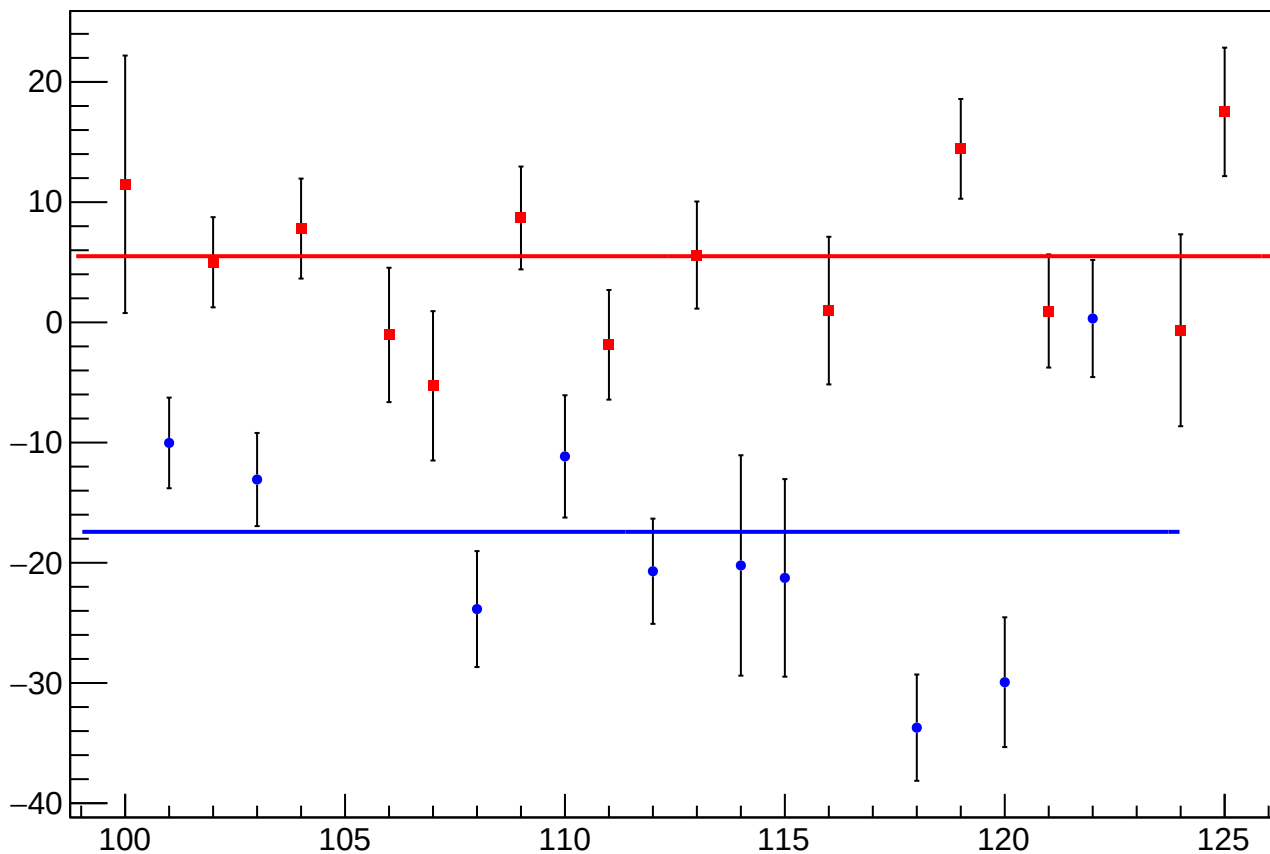
Right: 1809.008+/-0.425 χ^2/NDF : 118886.0/22

In: 1823.820+/-0.641 χ^2/NDF : 55498.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1809.008+/-0.425 χ^2/NDF : 118886.0/22

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -17.426 $\pm$ 1.534 χ^2 /NDF: 41.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5.504 $\pm$ 1.375 χ^2 /NDF: 19.9/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

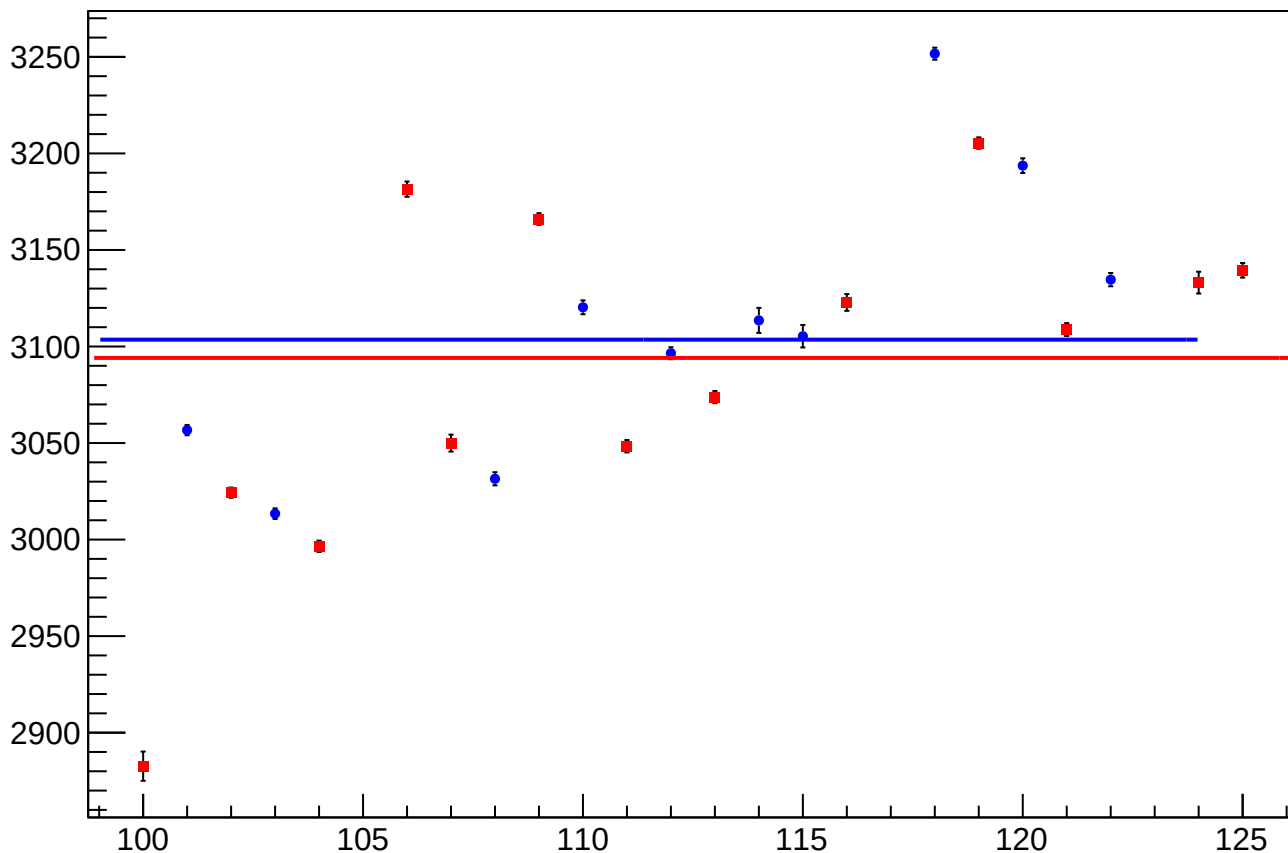
Right: -4.713 $\pm$ 1.024 χ^2 /NDF: 185.4/22

In: -17.426 $\pm$ 1.534 χ^2 /NDF:41.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.713 $\pm$ 1.024 χ^2 /NDF: 185.4/22

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: 3094.100 $\pm$ 0.972 χ^2 /NDF: 5662.9/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

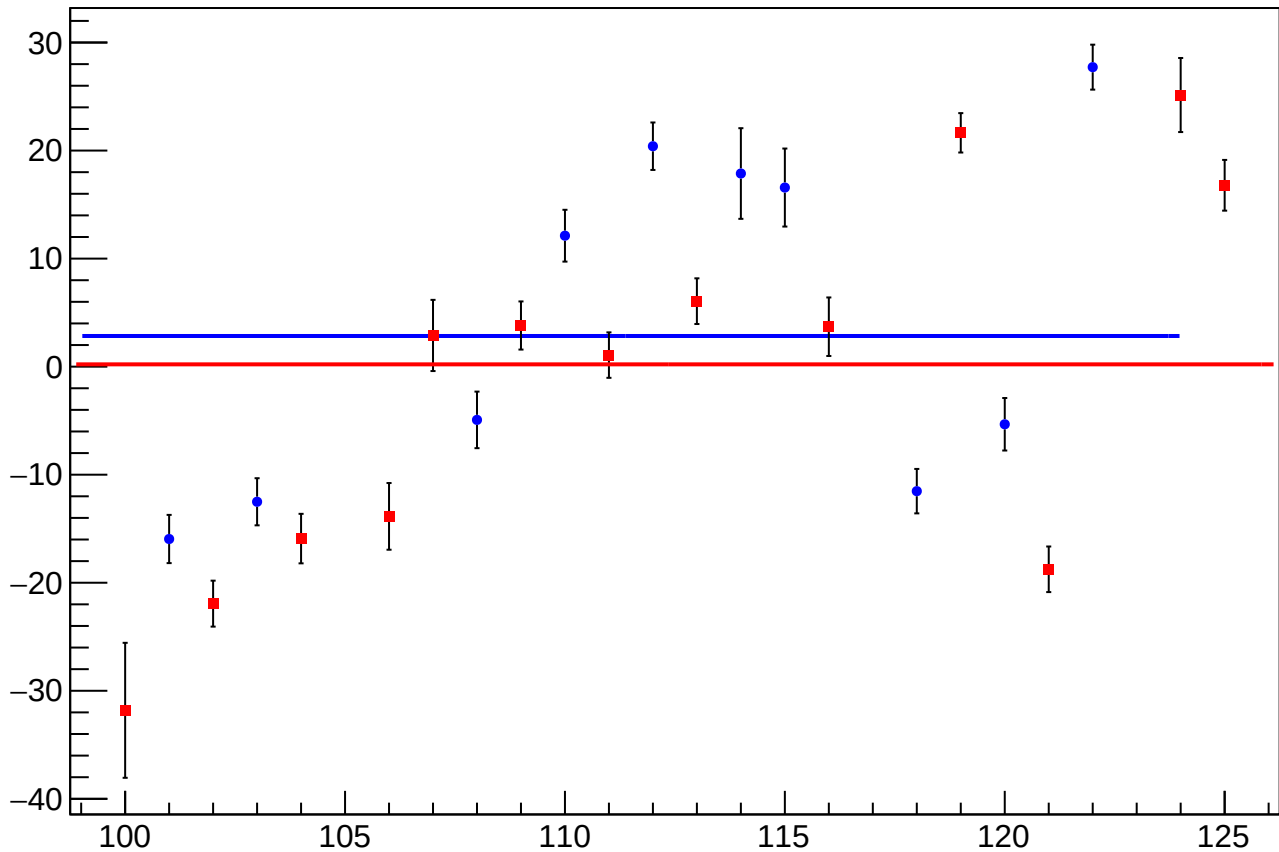
Right: 3098.313 $\pm$ 0.724 χ^2 /NDF: 10455.9/22

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: 3098.313 $\pm$ 0.724 χ^2 /NDF: 10455.9/22

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 2.838 $\pm$ 0.765 χ^2 /NDF: 438.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.213 $\pm$ 0.672 χ^2 /NDF: 539.5/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

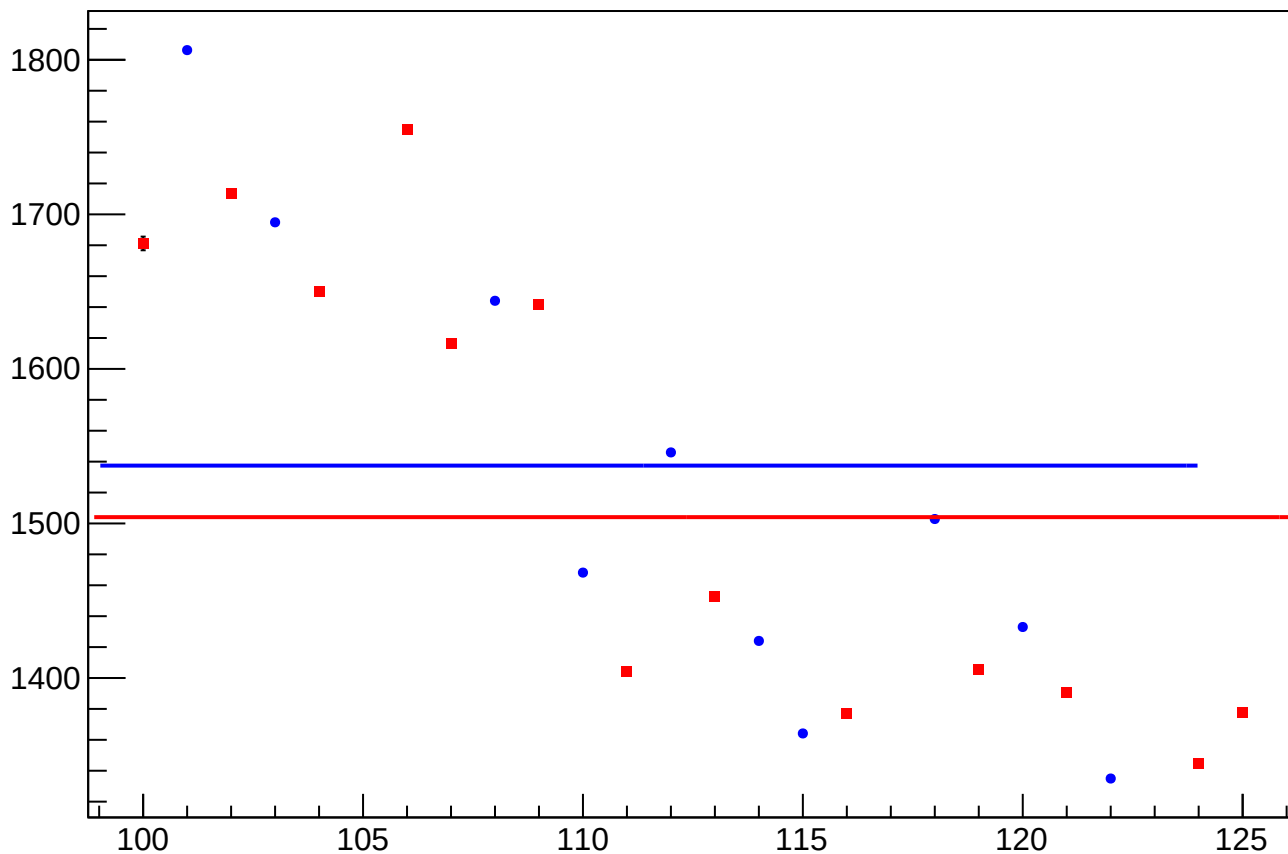
Right: 1.356 $\pm$ 0.505 χ^2 /NDF: 984.8/22

In: 2.838 $\pm$ 0.765 χ^2 /NDF:438.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.356 $\pm$ 0.505 χ^2 /NDF: 984.8/22

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: 1504.085+/-0.475 χ^2/NDF : 84080.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

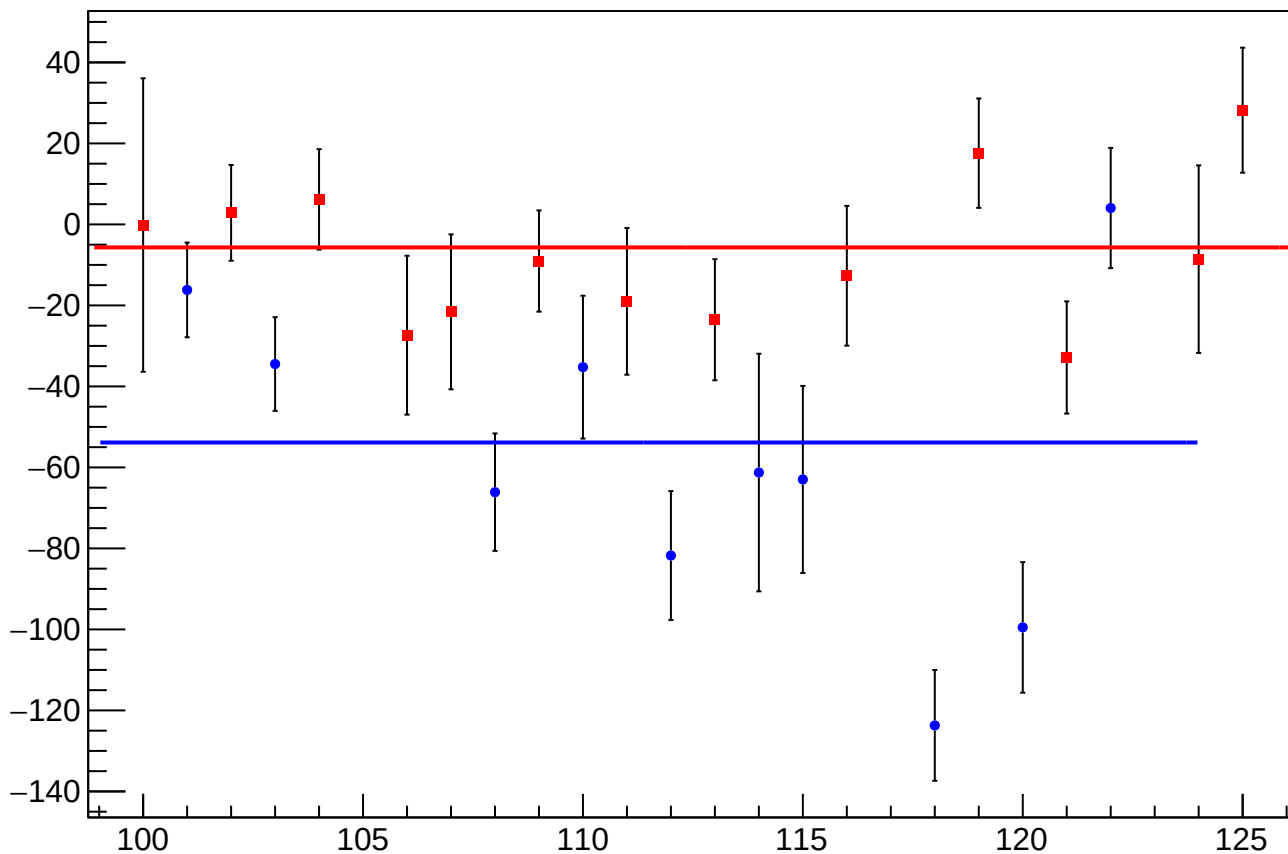
Right: 1518.611+/-0.357 χ^2/NDF : 159973.2/22

In: 1537.430+/-0.541 χ^2/NDF : 73747.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1518.611+/-0.357 χ^2/NDF : 159973.2/22

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: -5.681 $\pm$ 4.312 χ^2 /NDF: 17.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

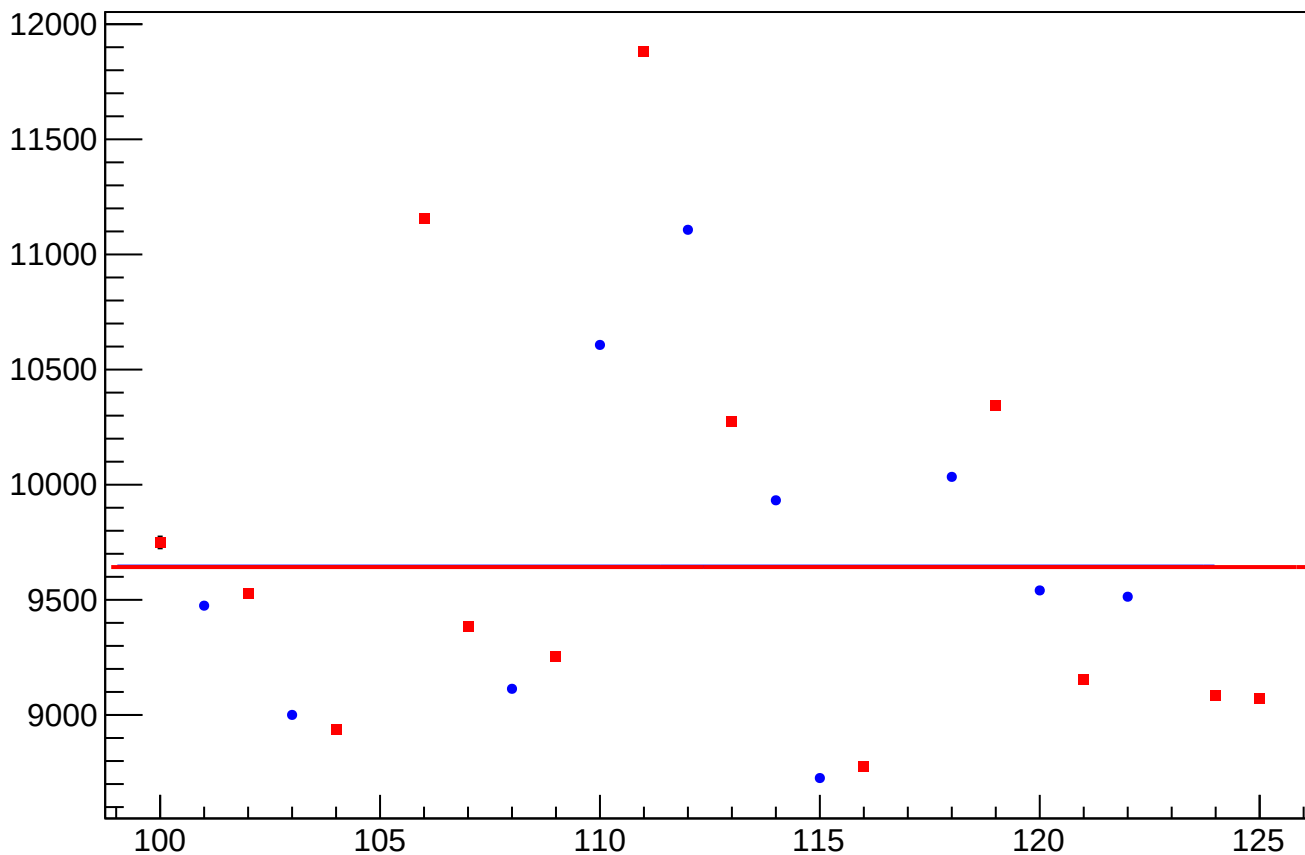
Right: -27.212 $\pm$ 3.206 χ^2 /NDF: 140.7/22

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: -27.212 $\pm$ 3.206 χ^2 /NDF: 140.7/22

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: 9642.332+/-3.049 χ^2 /NDF: 71935.6/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

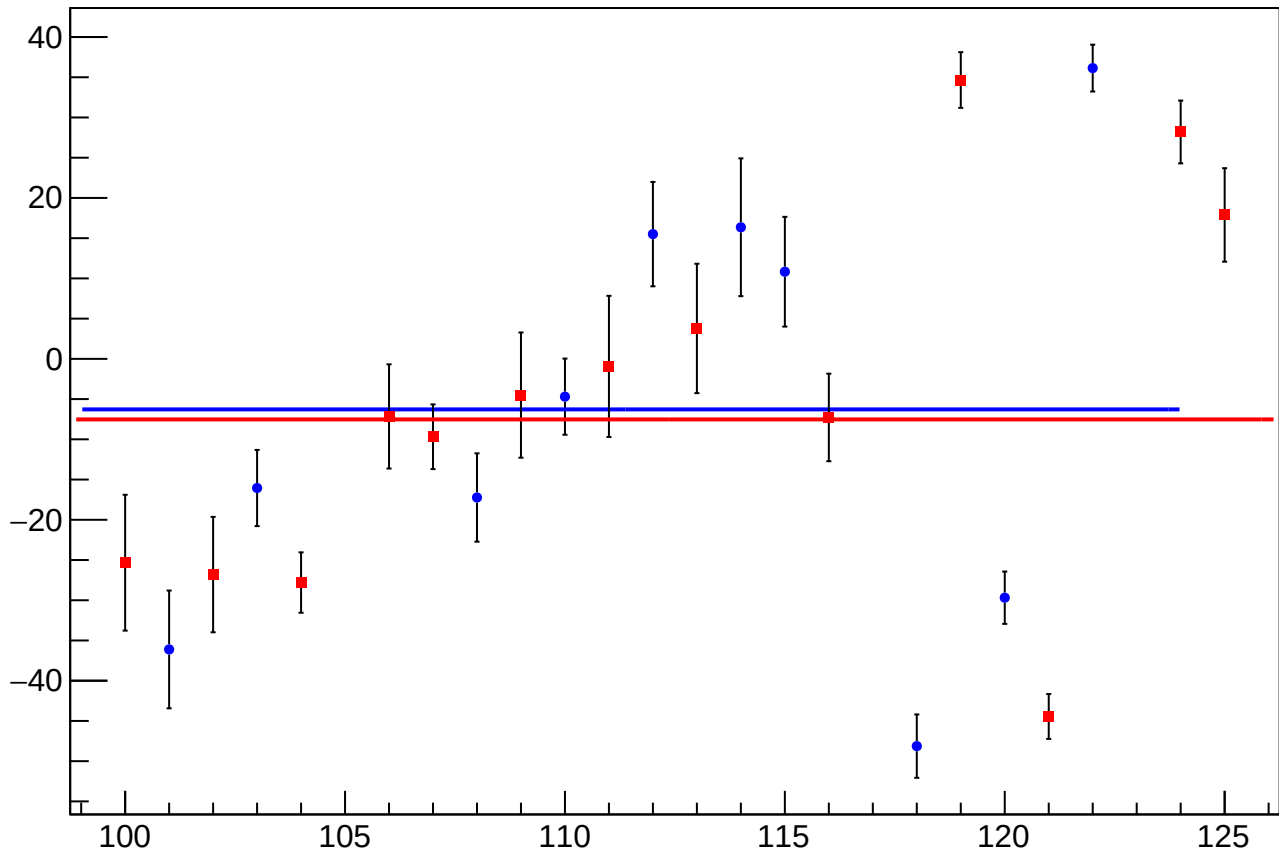
Right: 9643.225+/-2.267 χ^2 /NDF: 109303.9/22

In: 9644.331+/-3.391 χ^2 /NDF:37368.2/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 9643.225+/-2.267 χ^2 /NDF: 109303.9/22

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: -7.526+/-1.317 χ^2/NDF : 470.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

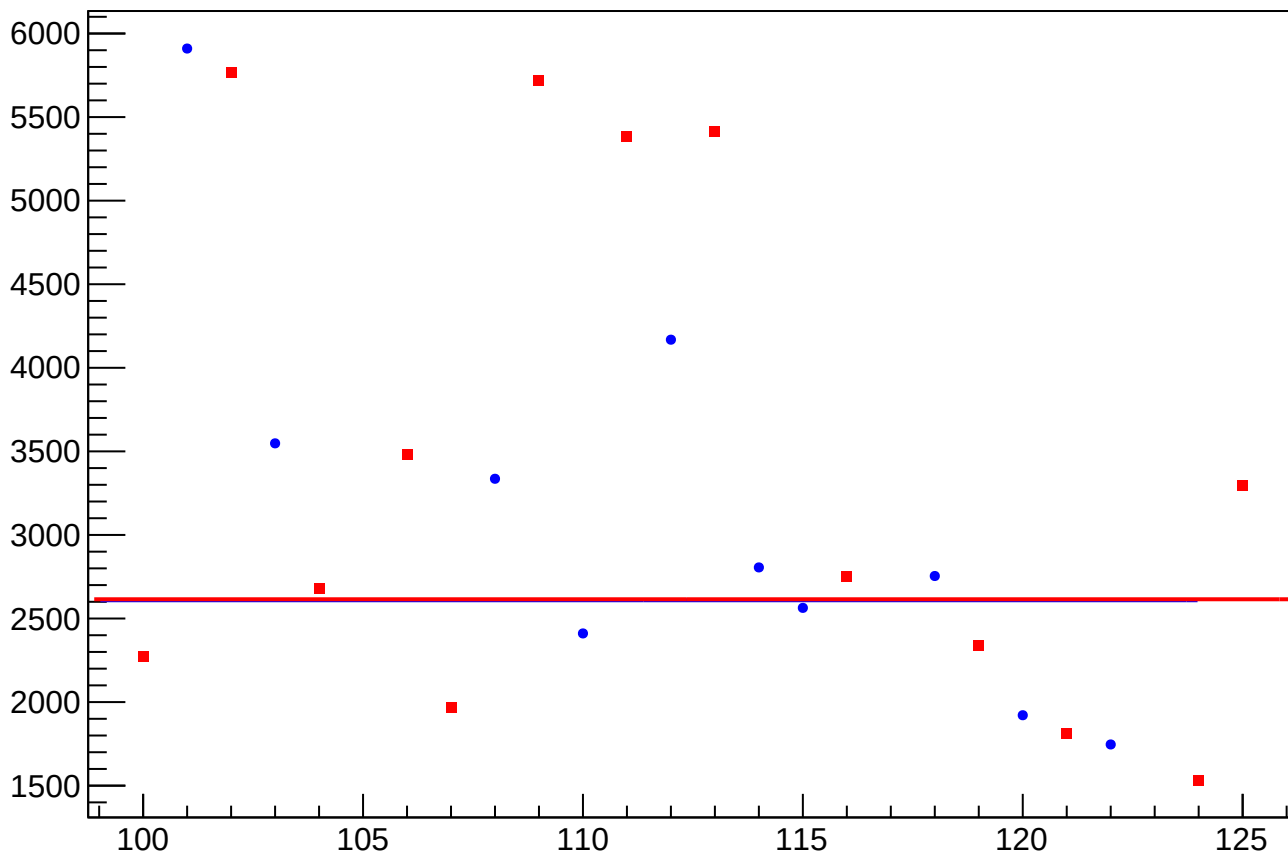
Right: -6.962+/-0.974 χ^2/NDF : 897.4/22

In: -6.280+/-1.448 χ^2/NDF :426.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.962+/-0.974 χ^2/NDF : 897.4/22

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: 2615.145+/-0.932 χ^2/NDF : 1597623.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

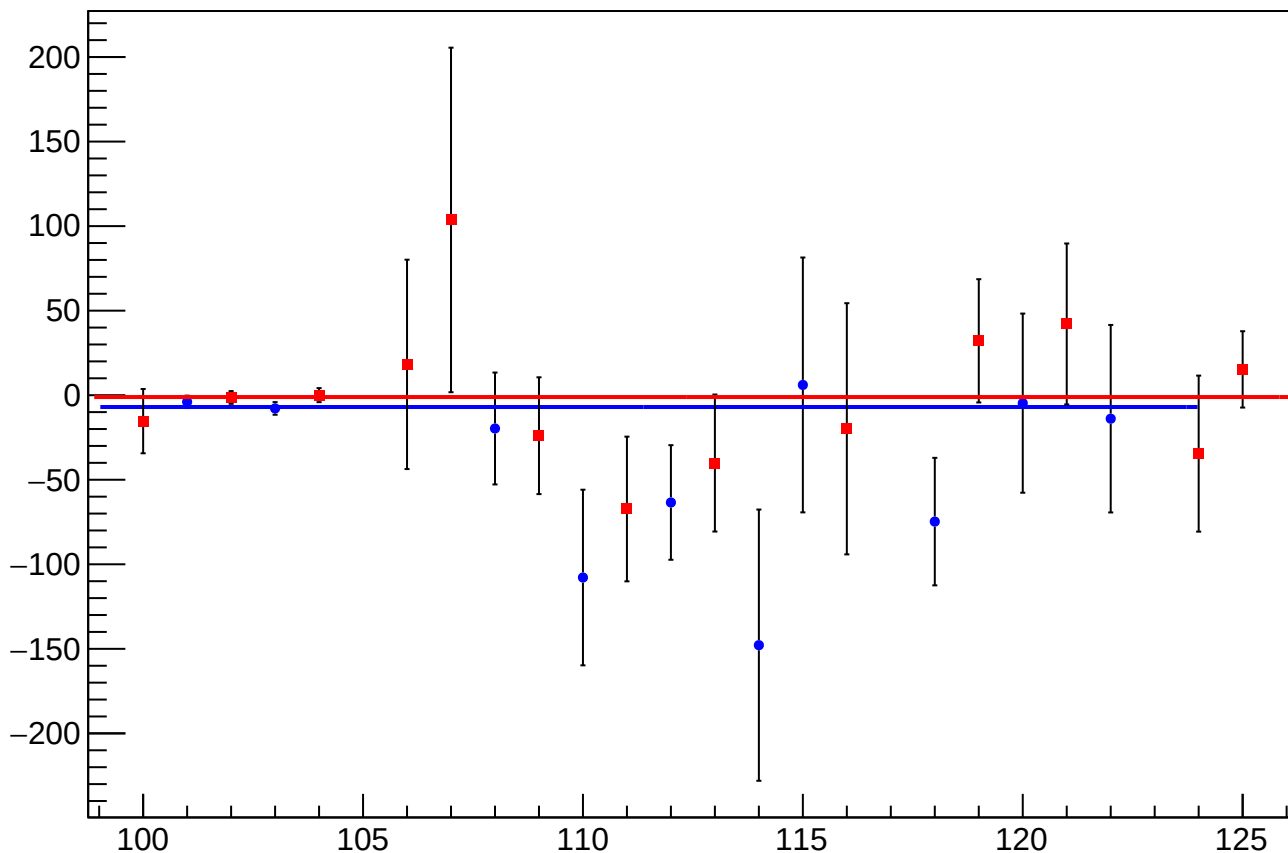
Right: 2612.502+/-0.689 χ^2/NDF : 2506093.7/22

In: 2609.309+/-1.024 χ^2/NDF : 908452.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2612.502+/-0.689 χ^2/NDF : 2506093.7/22

diff_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -6.982+/-2.582 χ^2/NDF : 13.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.078+/-2.694 χ^2/NDF : 8.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

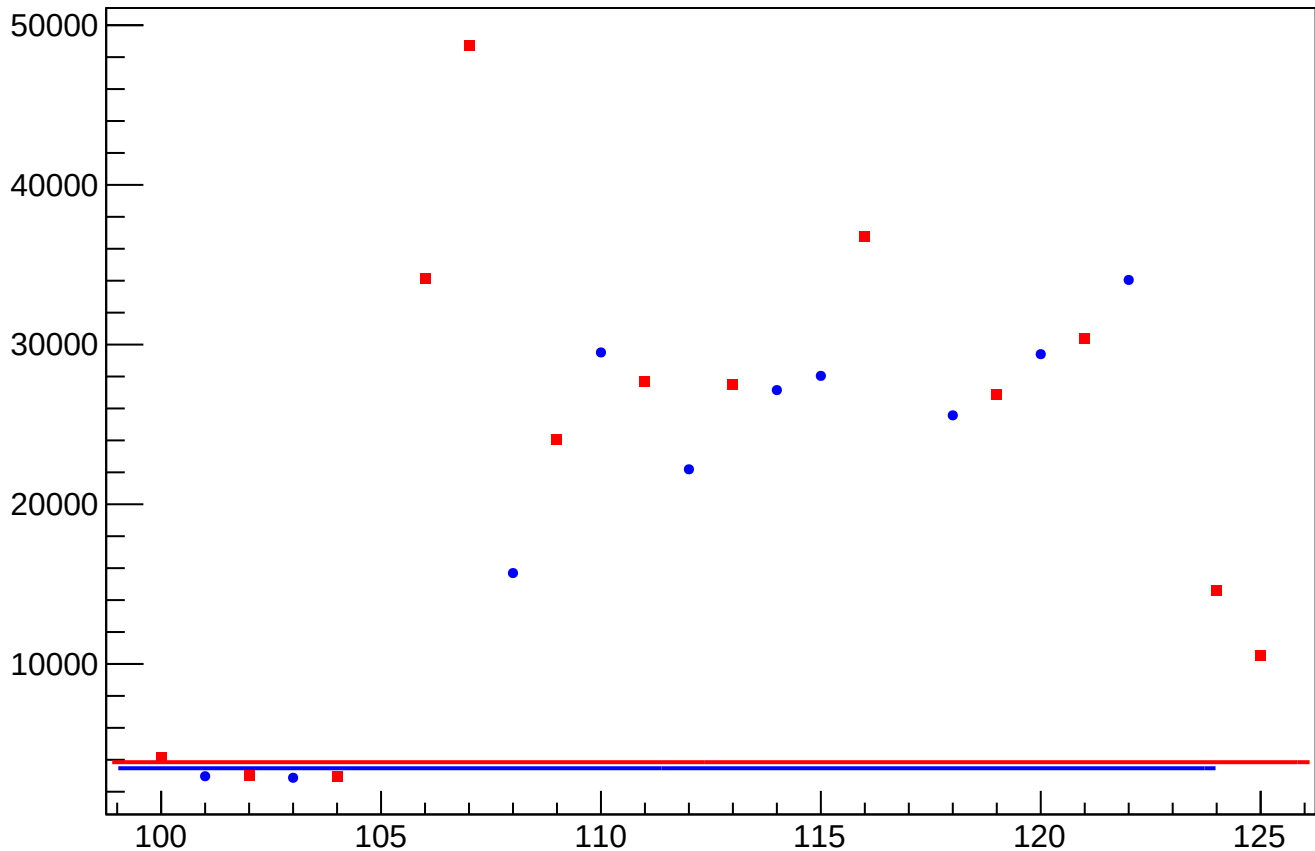
Right: -4.156+/-1.864 χ^2/NDF : 24.6/22

In: -6.982+/-2.582 χ^2/NDF : 13.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.156+/-1.864 χ^2/NDF : 24.6/22

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: 3848.729+/-1.905 χ^2/NDF : 5142442.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

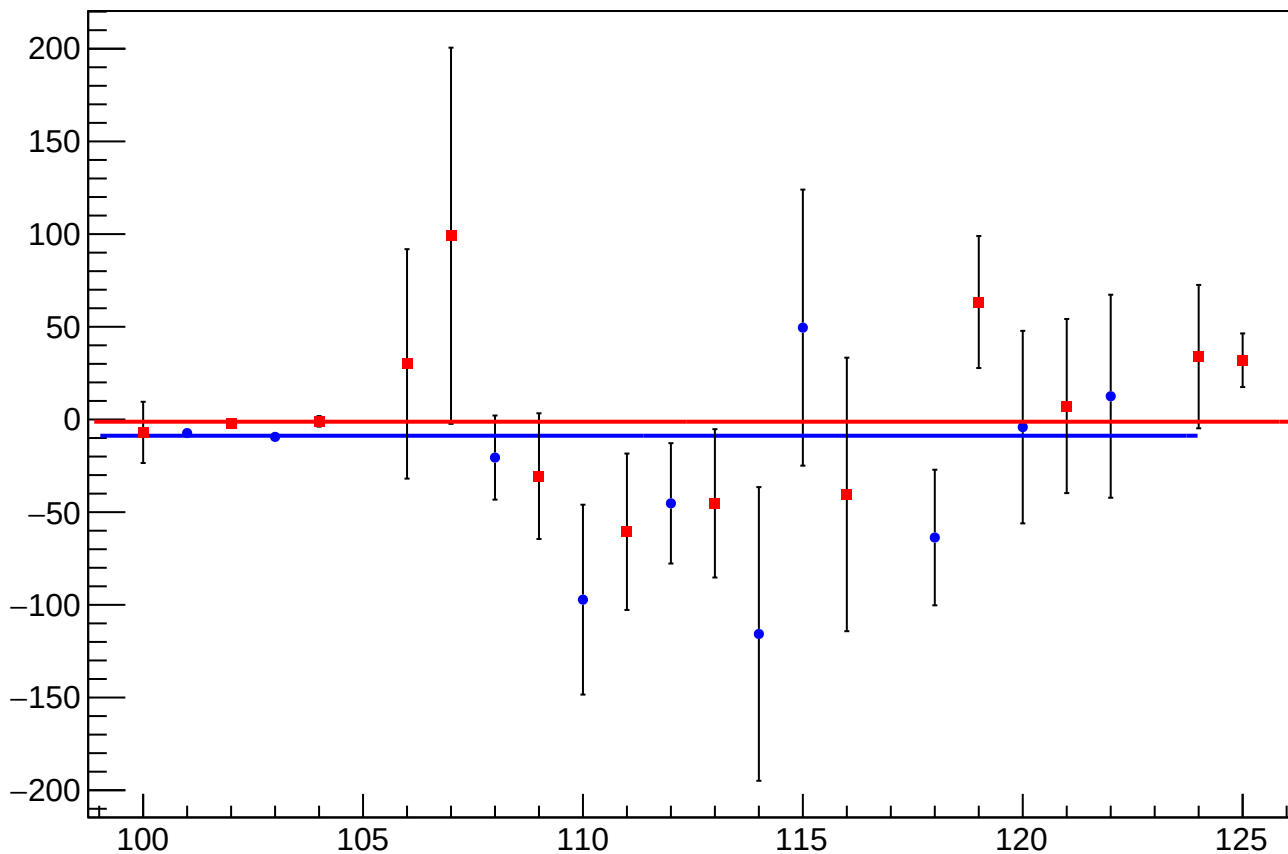
Right: 3651.156+/-1.318 χ^2/NDF : 8798049.1/22

In: 3469.728+/-1.825 χ^2/NDF : 3634971.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3651.156+/-1.318 χ^2/NDF : 8798049.1/22

diff_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: -8.770 $\pm$ 1.775 χ^2 /NDF: 9.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.205 $\pm$ 1.860 χ^2 /NDF: 15.1/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

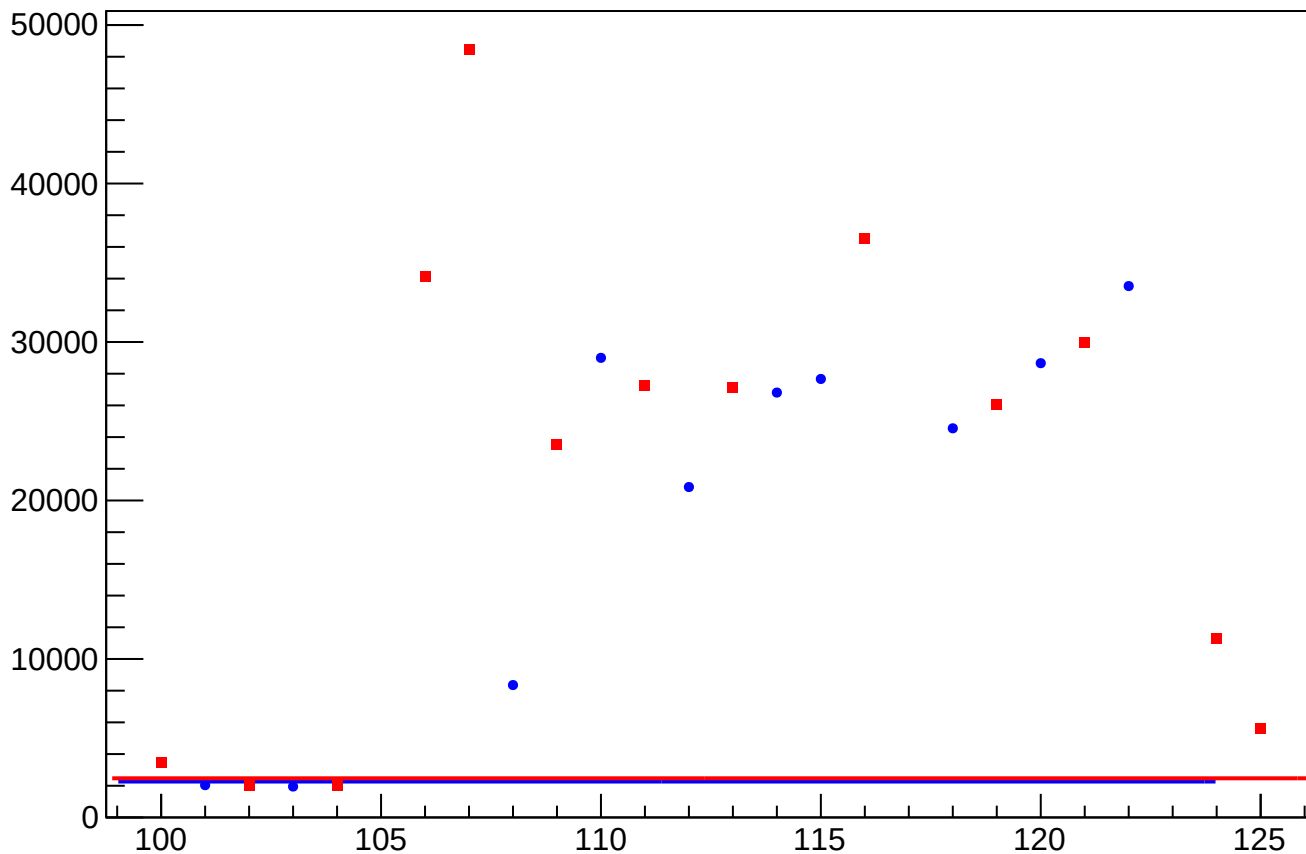
Right: -5.163 $\pm$ 1.284 χ^2 /NDF: 33.6/22

In: -8.770 $\pm$ 1.775 χ^2 /NDF:9.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.163 $\pm$ 1.284 χ^2 /NDF: 33.6/22

diff_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 2267.256 $\pm$ 1.255 χ^2/NDF : 3727623.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 2470.477 $\pm$ 1.315 χ^2/NDF : 5458848.3/12

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

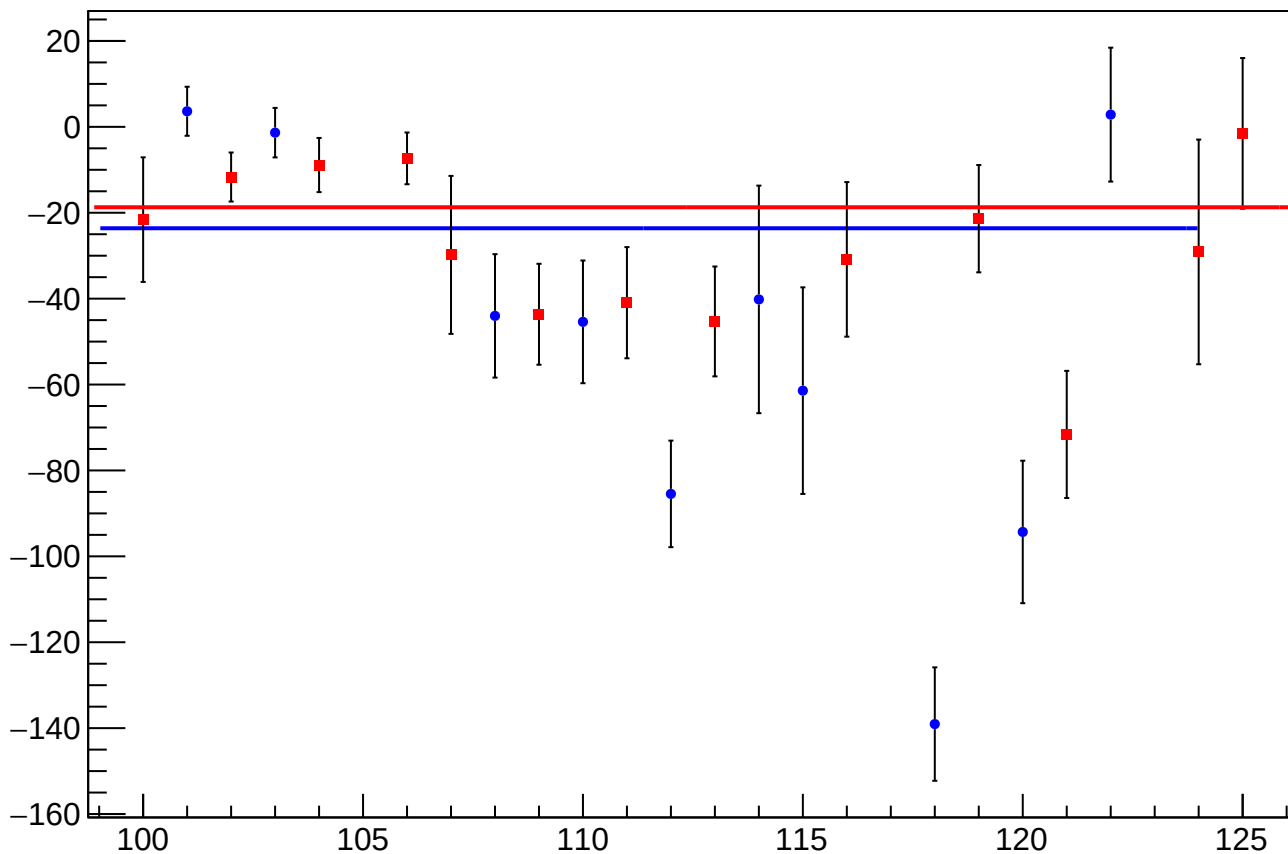
Right: 2364.135 $\pm$ 0.908 χ^2/NDF : 9198967.8/22

In: 2267.256 $\pm$ 1.255 χ^2/NDF : 3727623.4/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 2364.135 $\pm$ 0.908 χ^2/NDF : 9198967.8/22

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: -18.723 $\pm$ 2.782 χ^2 /NDF: 34.1/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

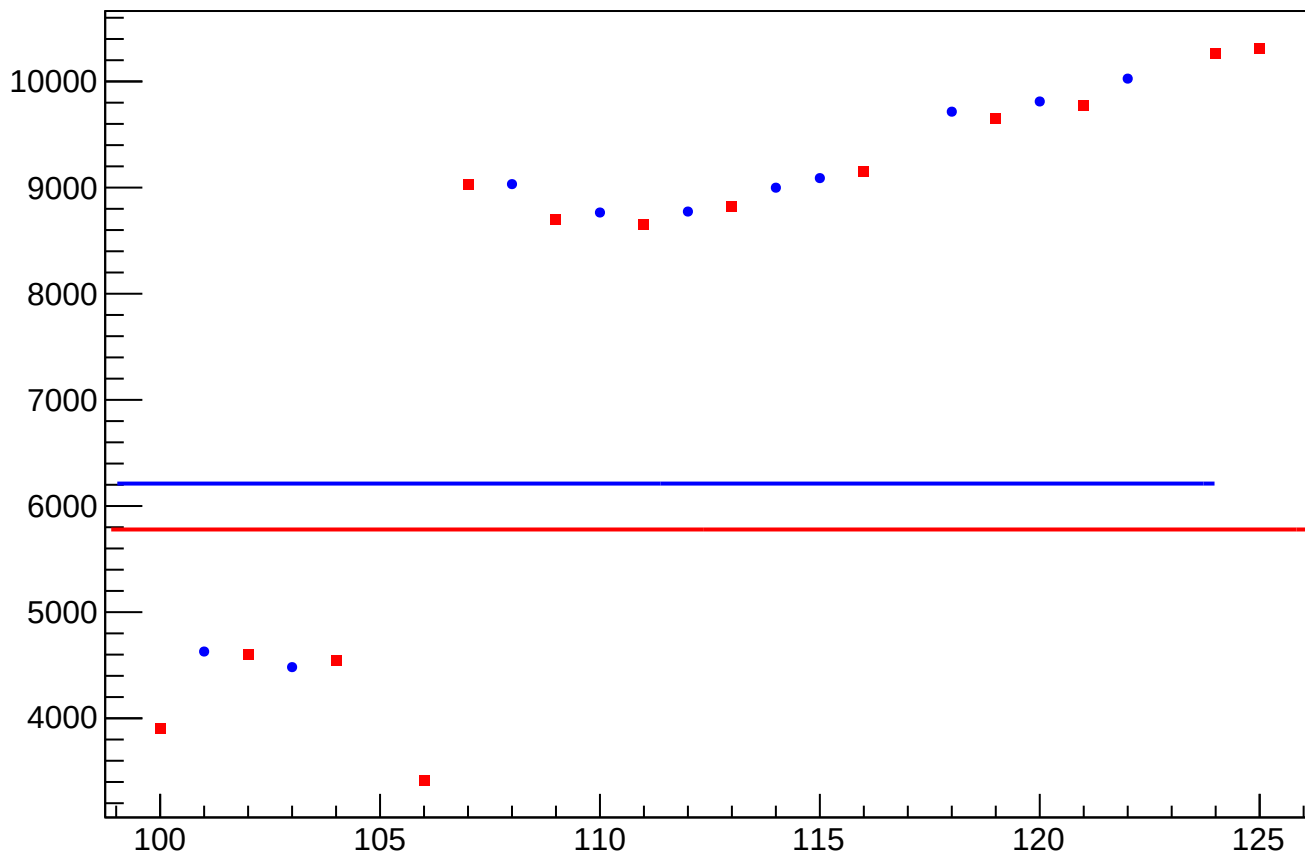
Right: -20.778 $\pm$ 2.118 χ^2 /NDF: 202.6/22

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: -20.778 $\pm$ 2.118 χ^2 /NDF: 202.6/22

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: 5778.798+/-1.967 χ^2/NDF : 1501205.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

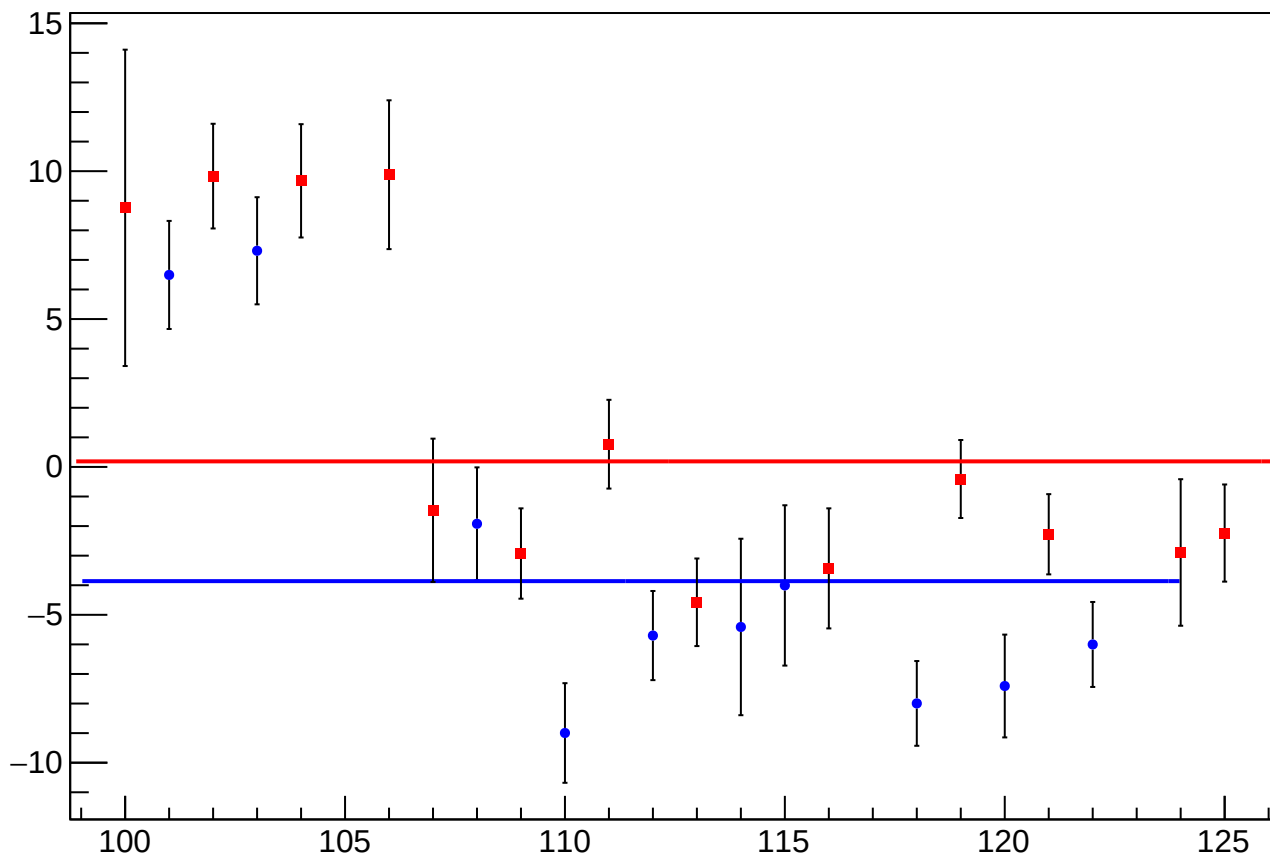
Right: 5960.645+/-1.498 χ^2/NDF : 2487363.9/22

In: 6211.416+/-2.310 χ^2/NDF : 965829.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5960.645+/-1.498 χ^2/NDF : 2487363.9/22

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: 0.188+/-0.489 χ^2/NDF : 97.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

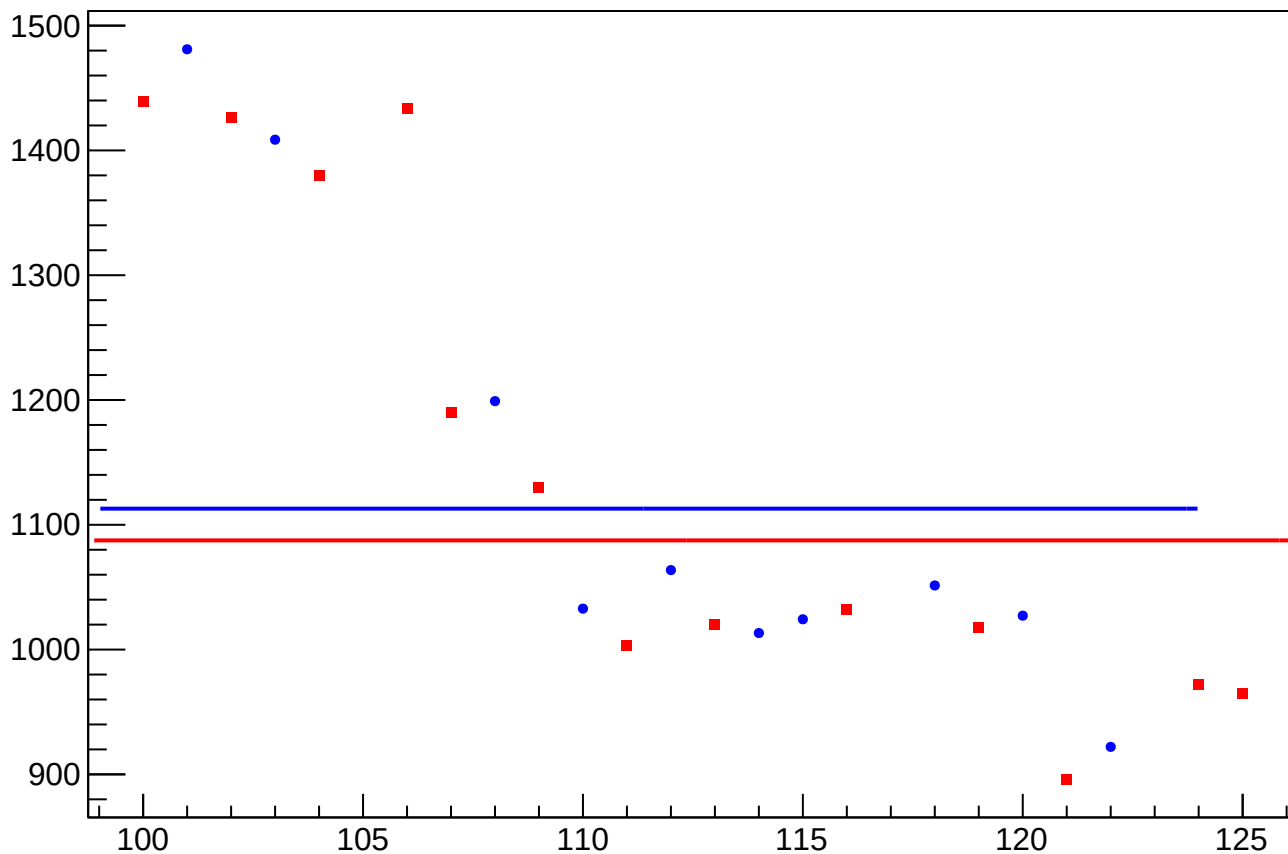
Right: -1.575+/-0.368 χ^2/NDF : 223.9/22

In: -3.861+/-0.557 χ^2/NDF : 96.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.575+/-0.368 χ^2/NDF : 223.9/22

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: 1087.499+/-0.346 χ^2/NDF : 244758.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

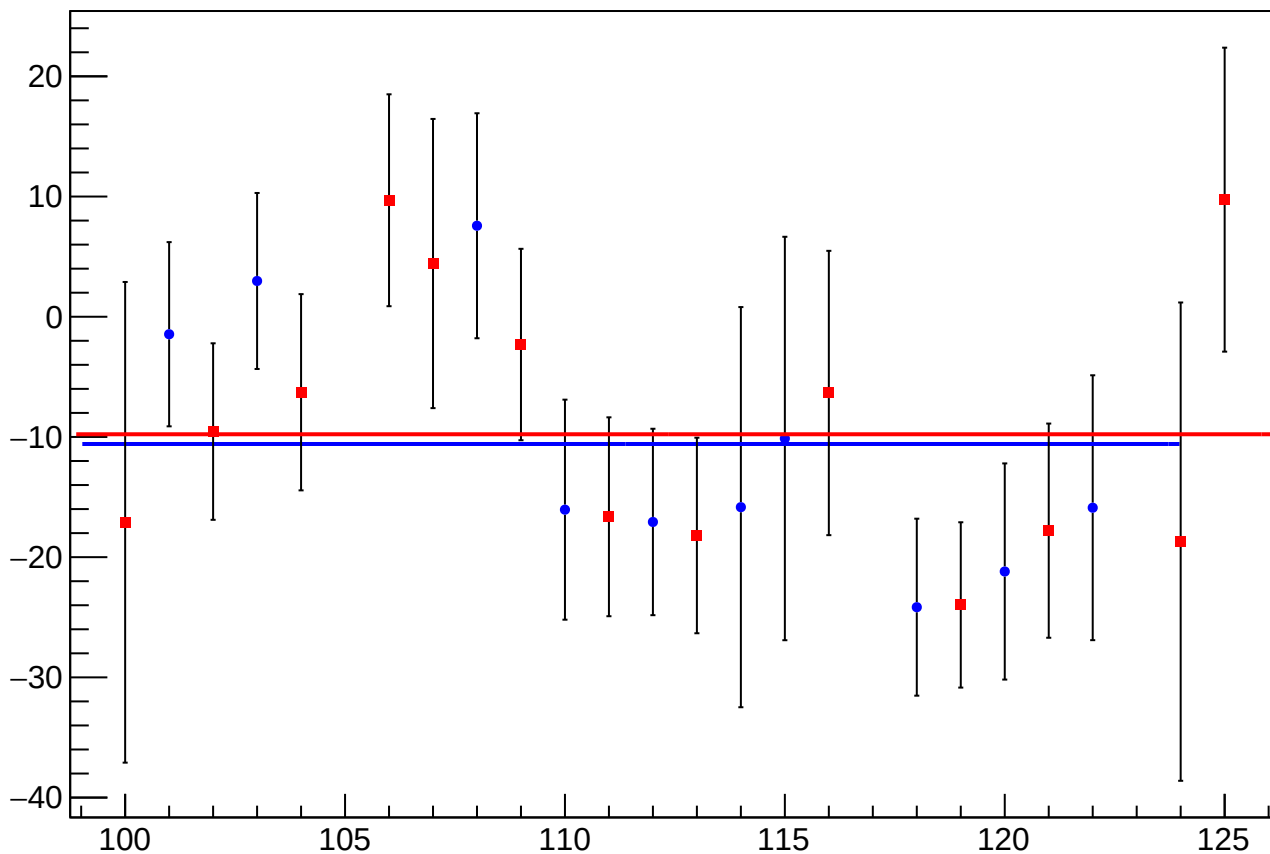
Right: 1098.579+/-0.260 χ^2/NDF : 440585.4/22

In: 1112.944+/-0.394 χ^2/NDF : 193470.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1098.579+/-0.260 χ^2/NDF : 440585.4/22

diff_bpm0l05X_mean vs Slug, Sign Corrected



Right In: -10.586 $\pm$ 2.864 χ^2 /NDF: 14.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -9.776 $\pm$ 2.573 χ^2 /NDF: 17.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

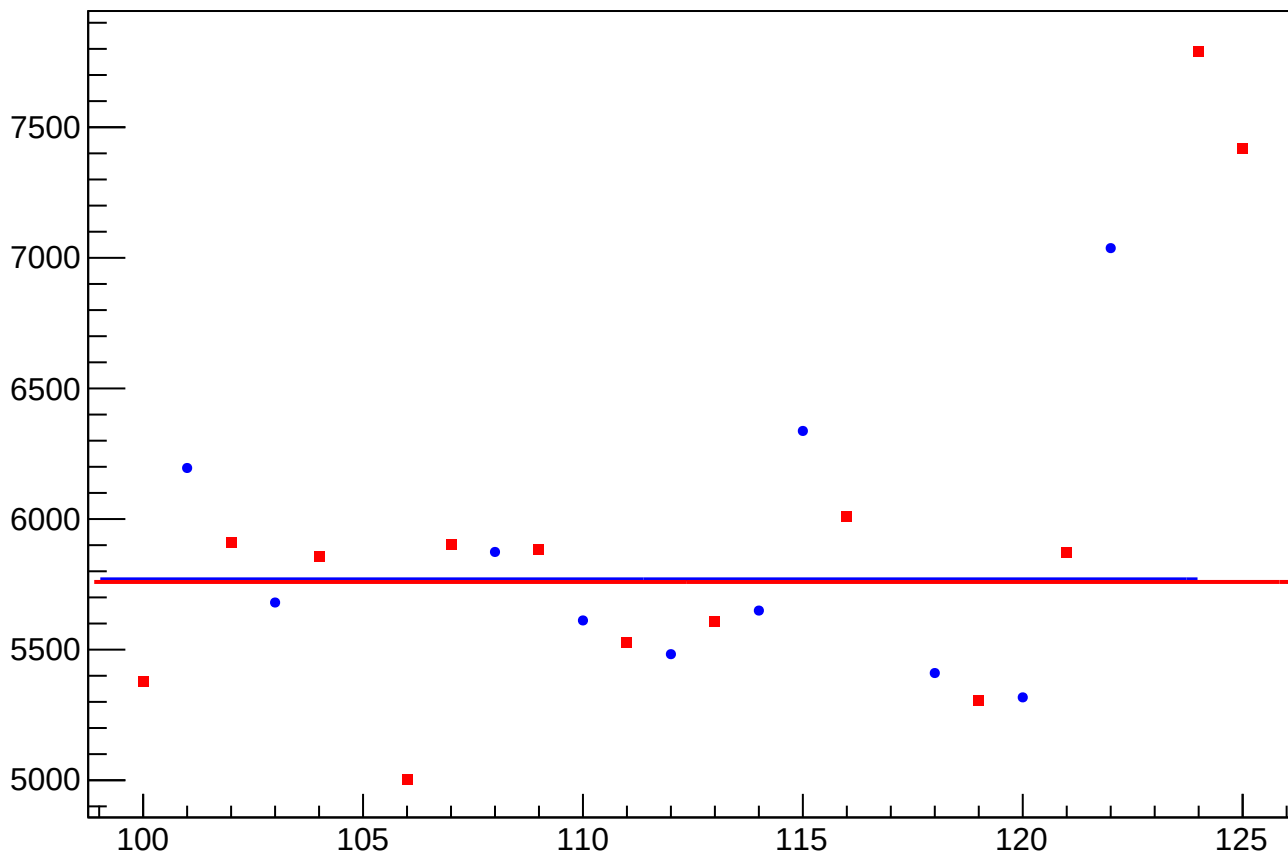
Right: -10.137 $\pm$ 1.914 χ^2 /NDF: 31.8/22

In: -10.586 $\pm$ 2.864 χ^2 /NDF:14.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -10.137 $\pm$ 1.914 χ^2 /NDF: 31.8/22

diff_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 5769.040+/-2.025 χ^2/NDF : 48745.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5759.175+/-1.820 χ^2/NDF : 84658.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

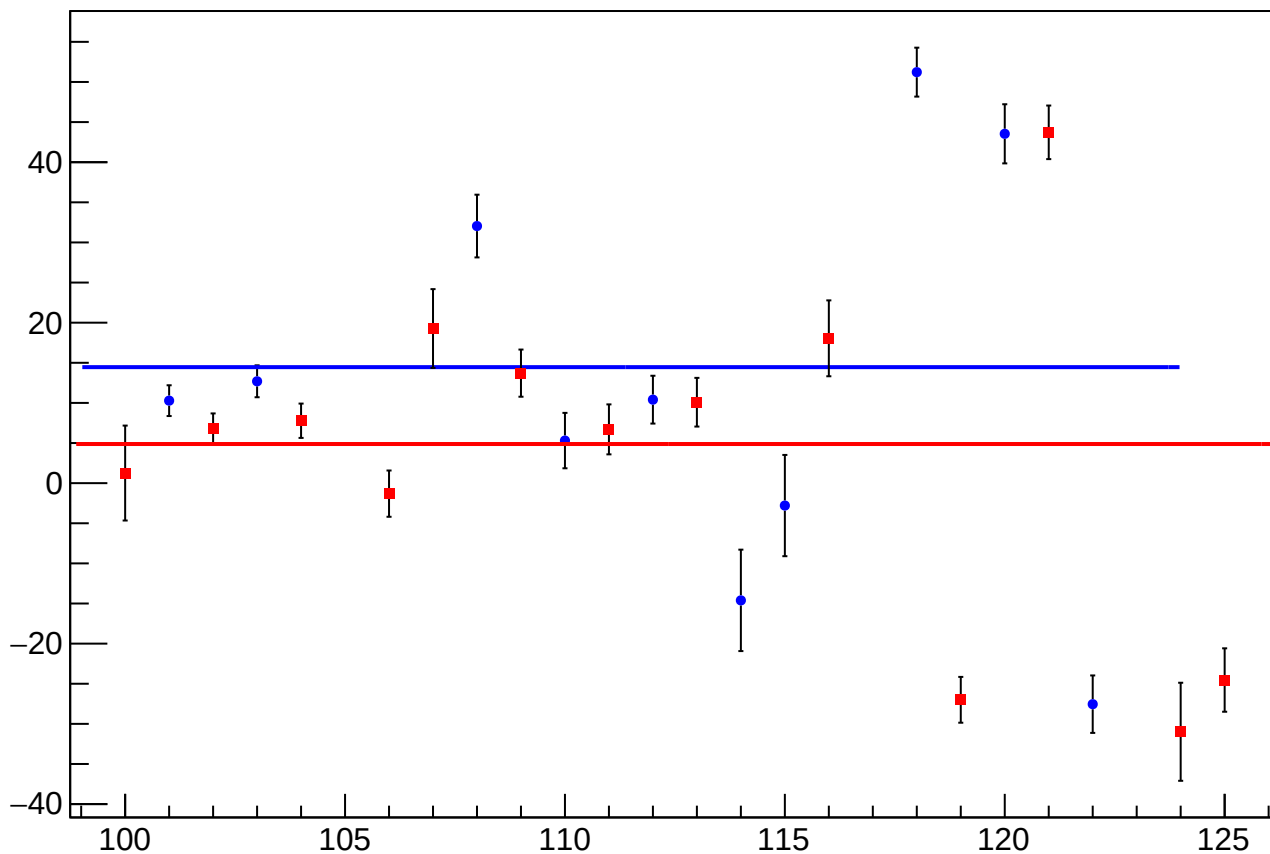
Right: 5763.581+/-1.354 χ^2/NDF : 133417.0/22

In: 5769.040+/-2.025 χ^2/NDF : 48745.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5763.581+/-1.354 χ^2/NDF : 133417.0/22

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: 4.878+/-0.858 χ^2/NDF : 386.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

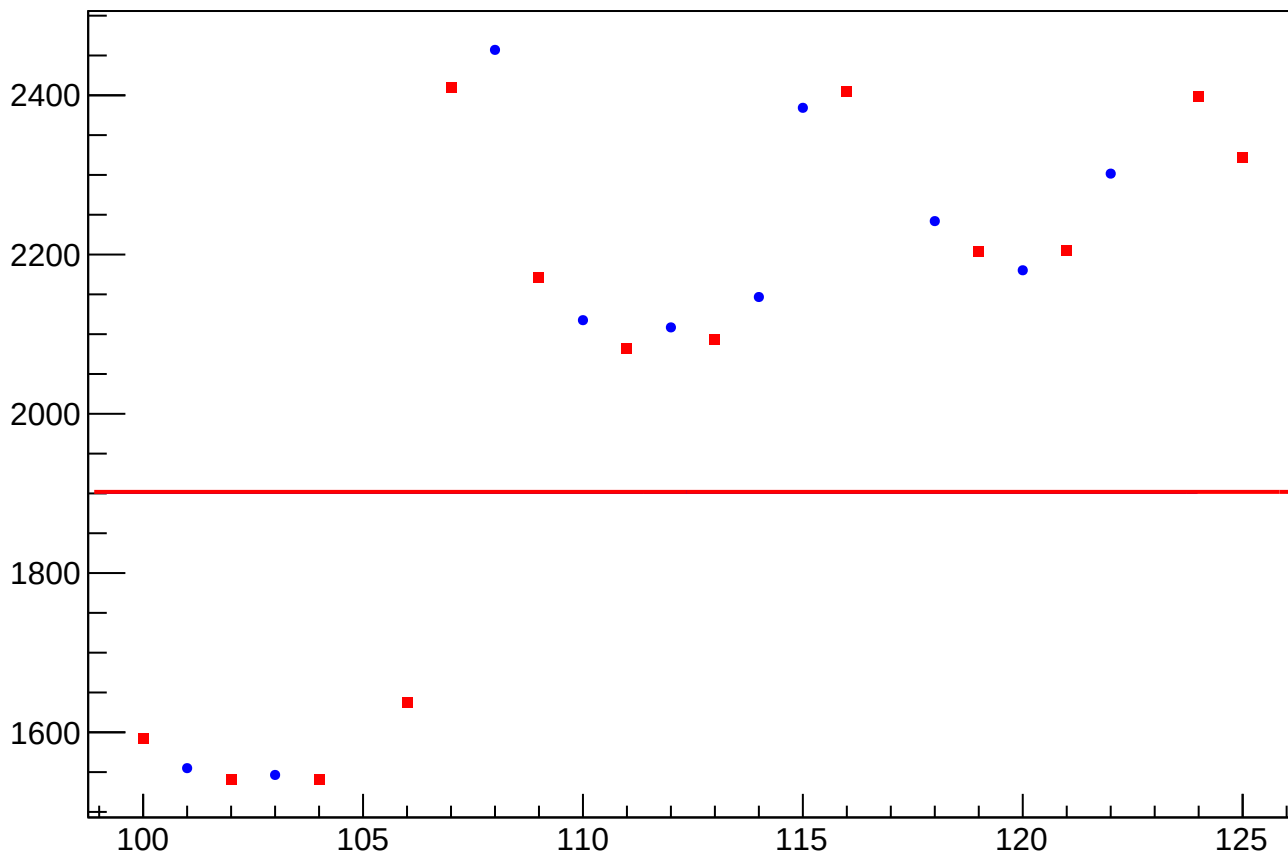
Right: 9.157+/-0.638 χ^2/NDF : 850.7/22

In: 14.459+/-0.955 χ^2/NDF :408.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 9.157+/-0.638 χ^2/NDF : 850.7/22

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: 1901.940+/-0.607 χ^2/NDF : 300945.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

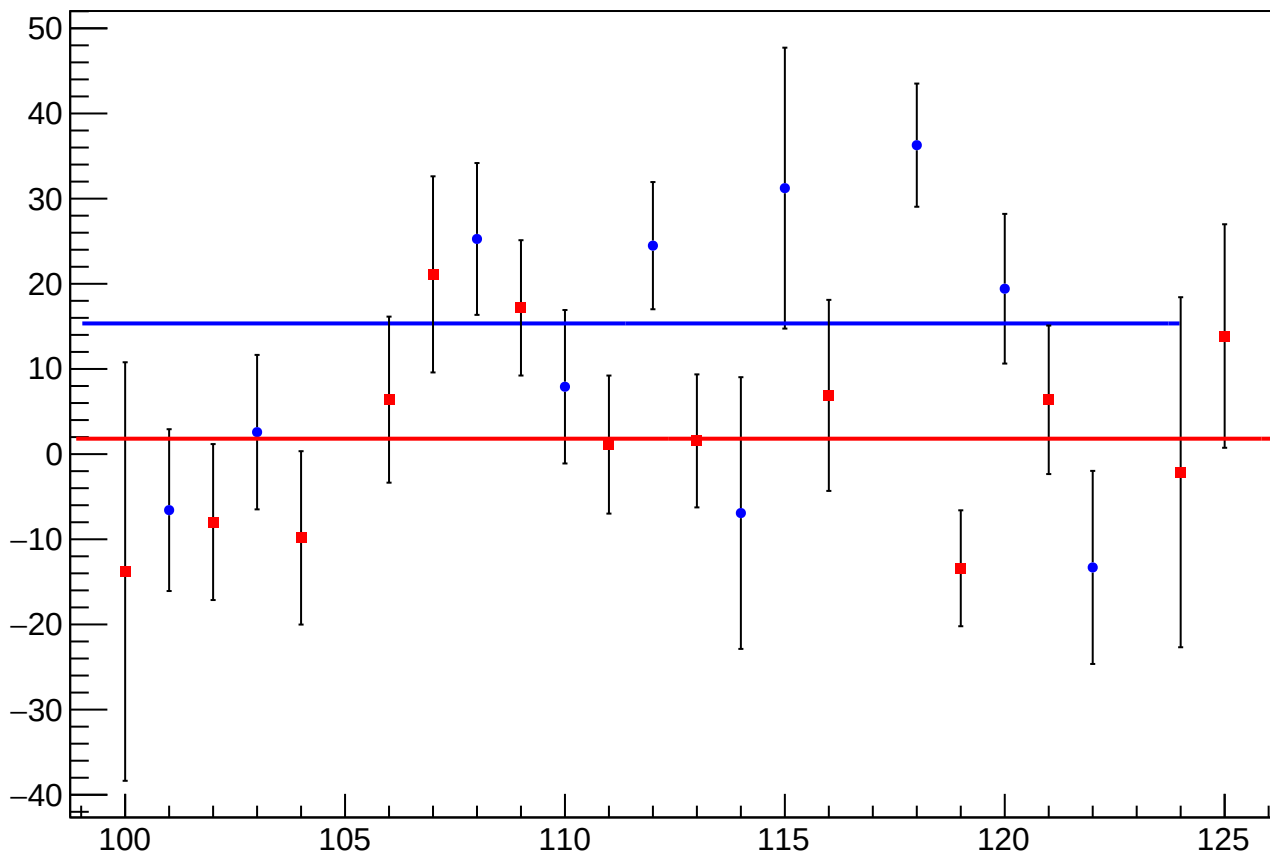
Right: 1901.869+/-0.451 χ^2/NDF : 564047.1/22

In: 1901.781+/-0.675 χ^2/NDF : 263101.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1901.869+/-0.451 χ^2/NDF : 564047.1/22

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: 1.812+/-2.676 χ^2/NDF : 16.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

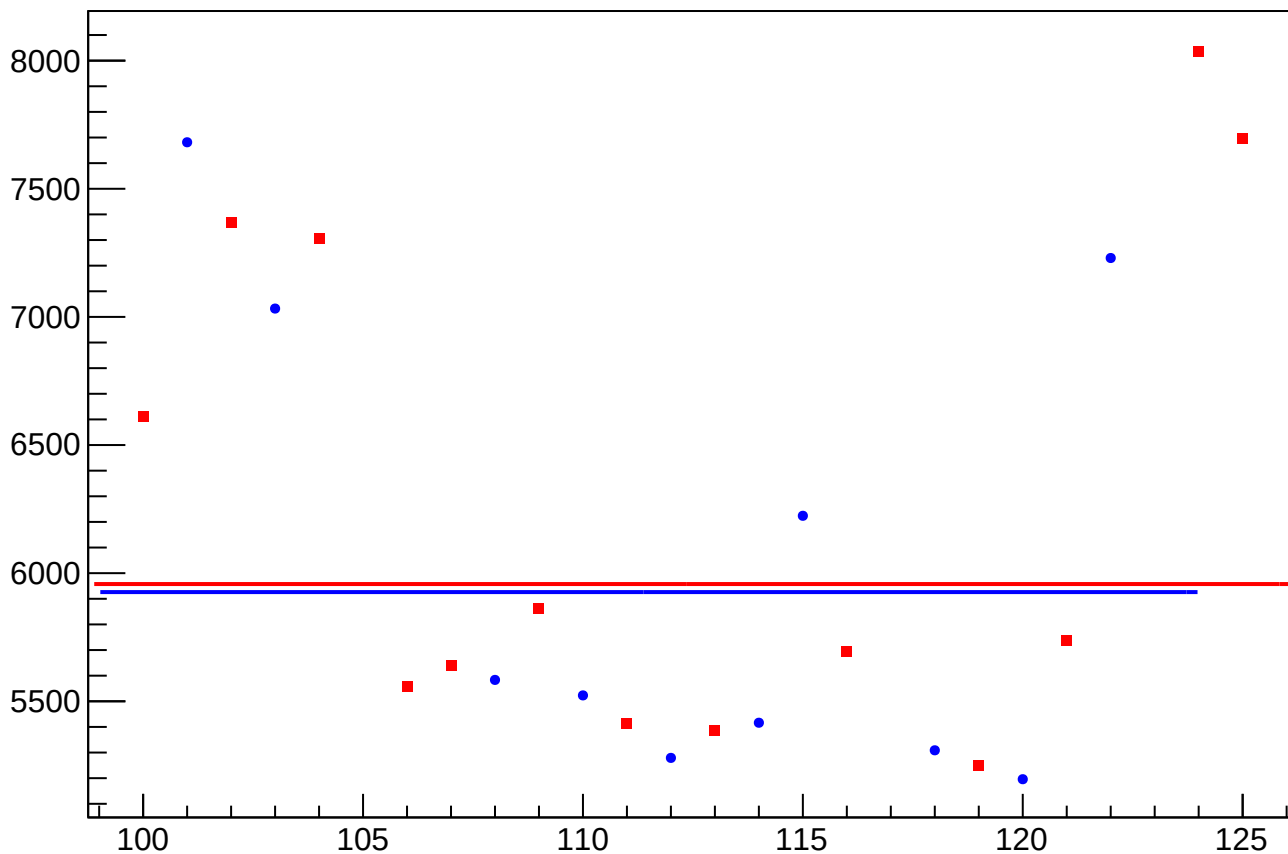
Right: 7.881+/-1.988 χ^2/NDF : 56.0/22

In: 15.345+/-2.968 χ^2/NDF : 28.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.881+/-1.988 χ^2/NDF : 56.0/22

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: 5957.562+/-1.892 χ^2/NDF : 188499.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

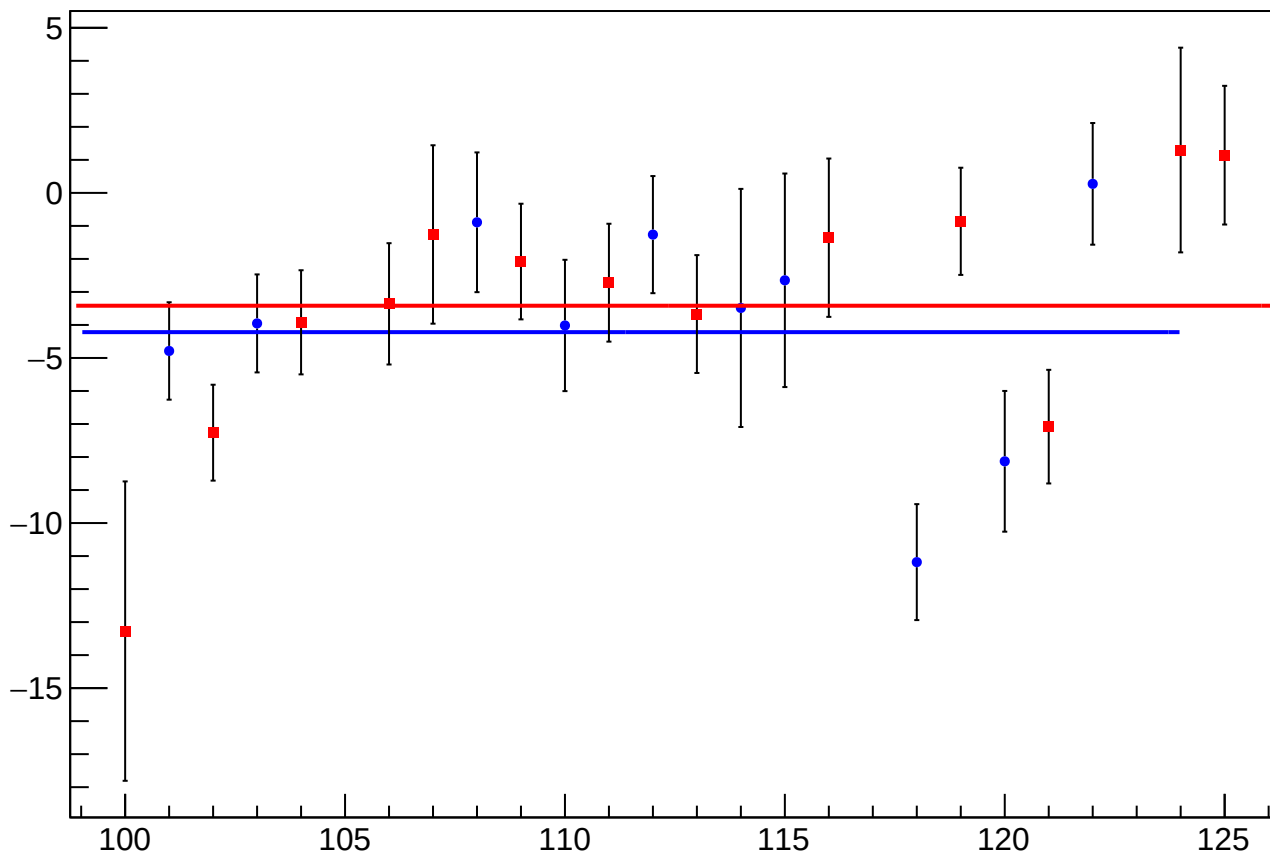
Right: 5943.481+/-1.405 χ^2/NDF : 366173.1/22

In: 5926.164+/-2.099 χ^2/NDF : 177549.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5943.481+/-1.405 χ^2/NDF : 366173.1/22

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: -3.418+/-0.532 χ^2/NDF : 28.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

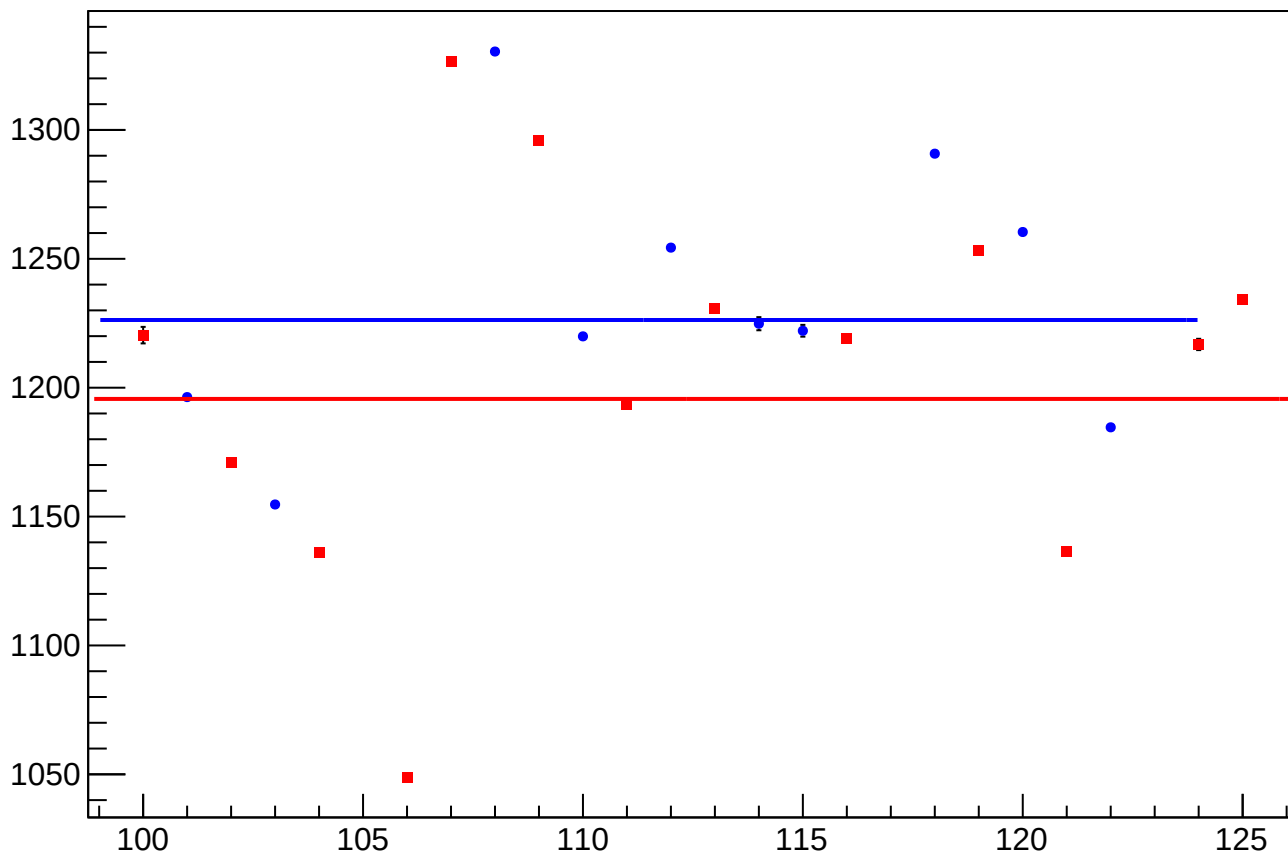
Right: -3.765+/-0.400 χ^2/NDF : 59.7/22

In: -4.218+/-0.606 χ^2/NDF : 30.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.765+/-0.400 χ^2/NDF : 59.7/22

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: 1195.644+/-0.376 χ^2/NDF : 34158.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

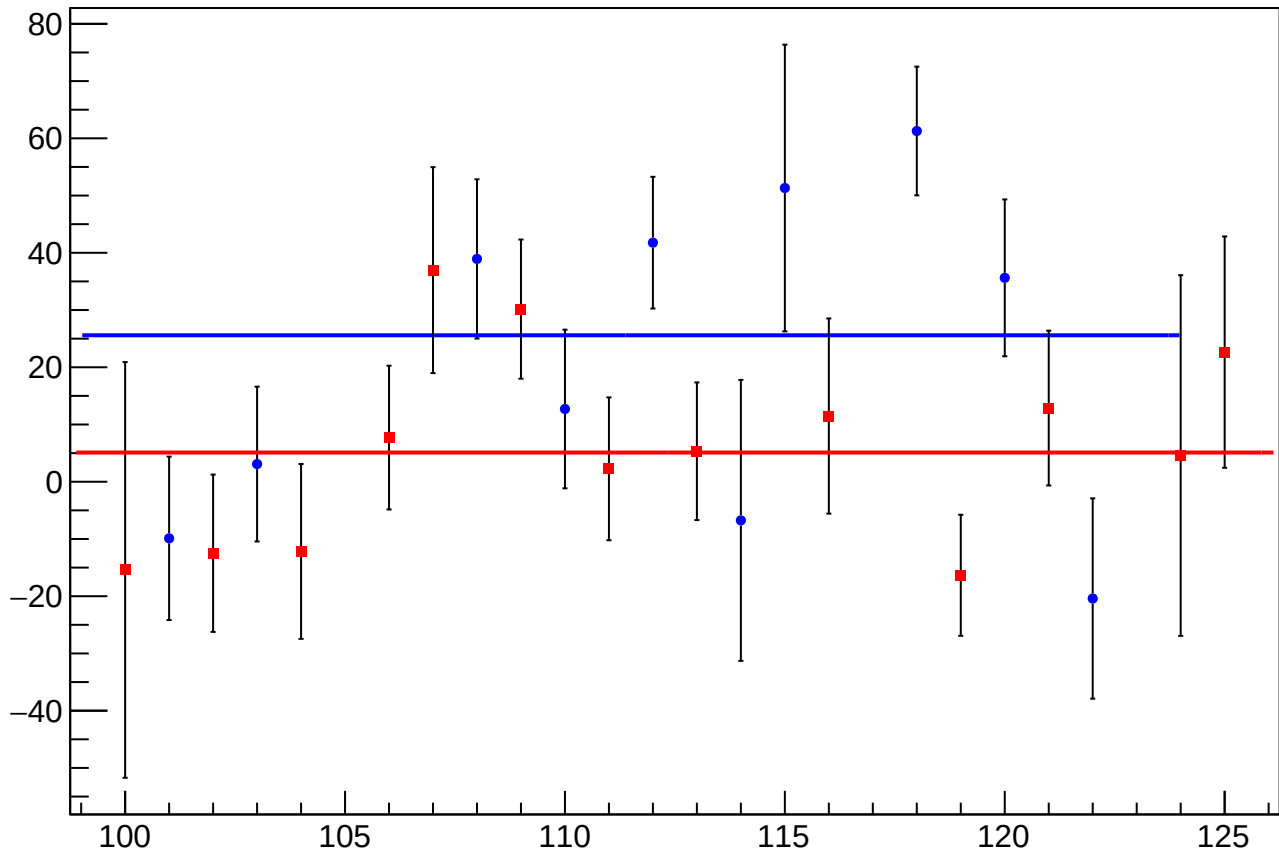
Right: 1208.960+/-0.283 χ^2/NDF : 52118.6/22

In: 1226.266+/-0.429 χ^2/NDF : 15078.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1208.960+/-0.283 χ^2/NDF : 52118.6/22

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: 5.105+/-4.043 χ^2/NDF : 16.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

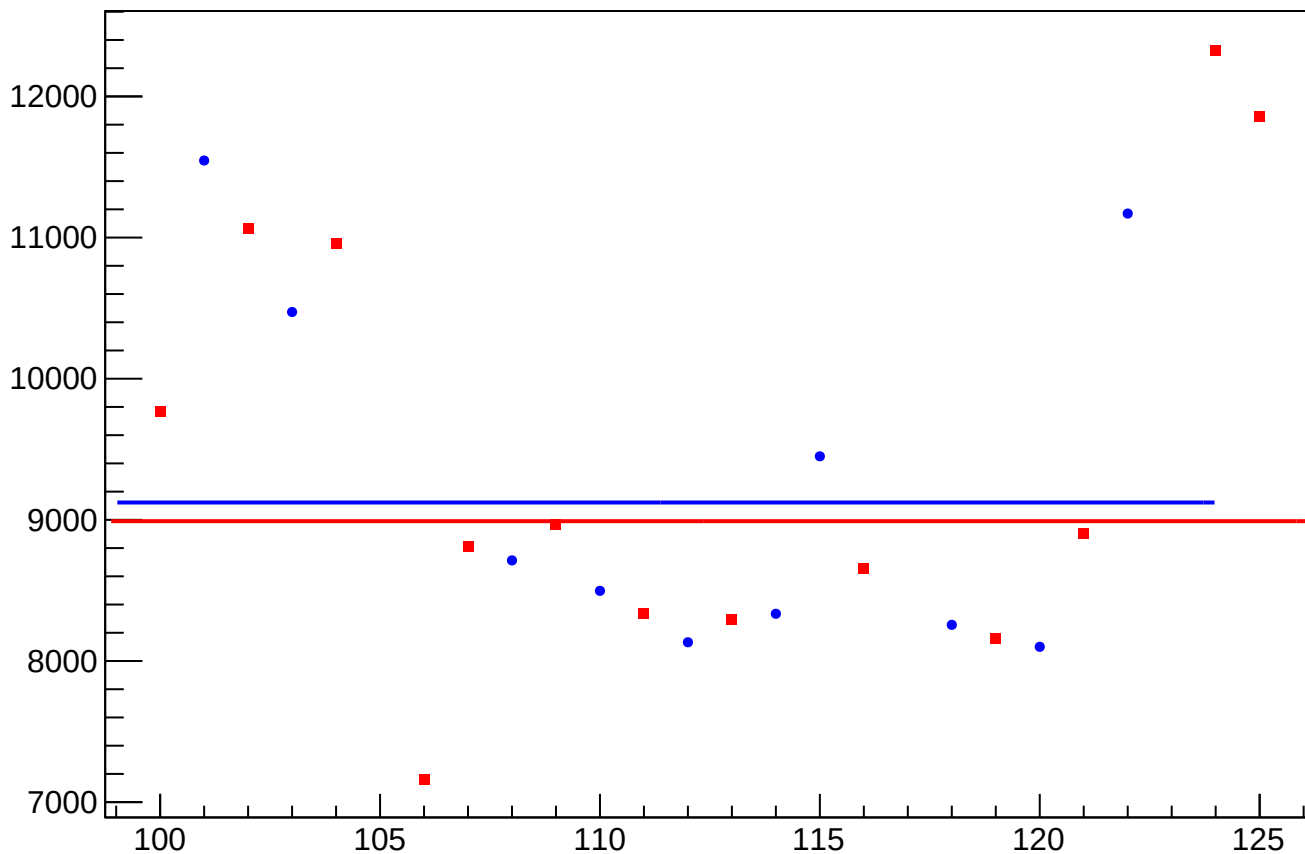
Right: 14.117+/-3.026 χ^2/NDF : 60.4/22

In: 25.589+/-4.562 χ^2/NDF : 33.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.117+/-3.026 χ^2/NDF : 60.4/22

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: 8990.603+/-2.859 χ^2/NDF : 210271.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

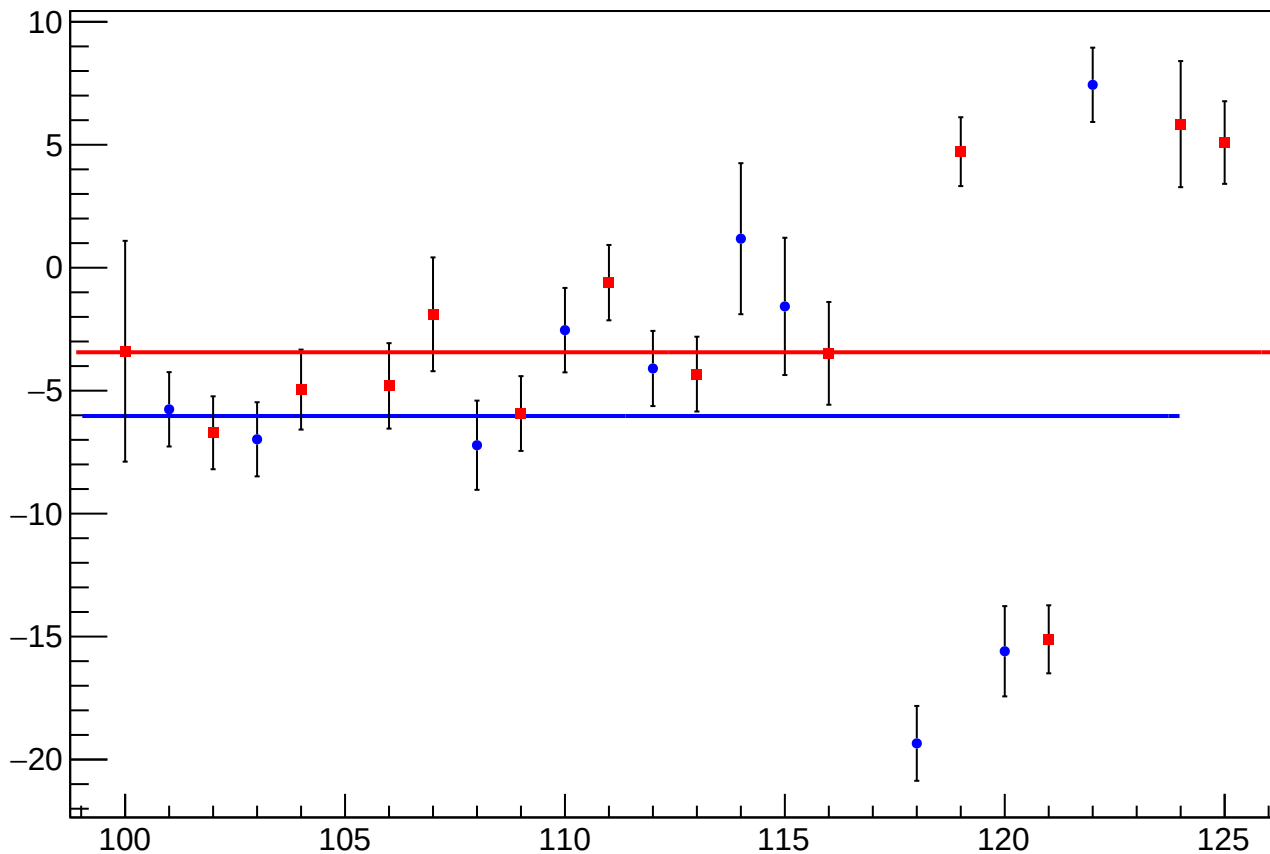
Right: 9048.825+/-2.140 χ^2/NDF : 362148.7/22

In: 9122.947+/-3.226 χ^2/NDF : 150934.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9048.825+/-2.140 χ^2/NDF : 362148.7/22

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: -3.438+/-0.473 χ^2/NDF : 157.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

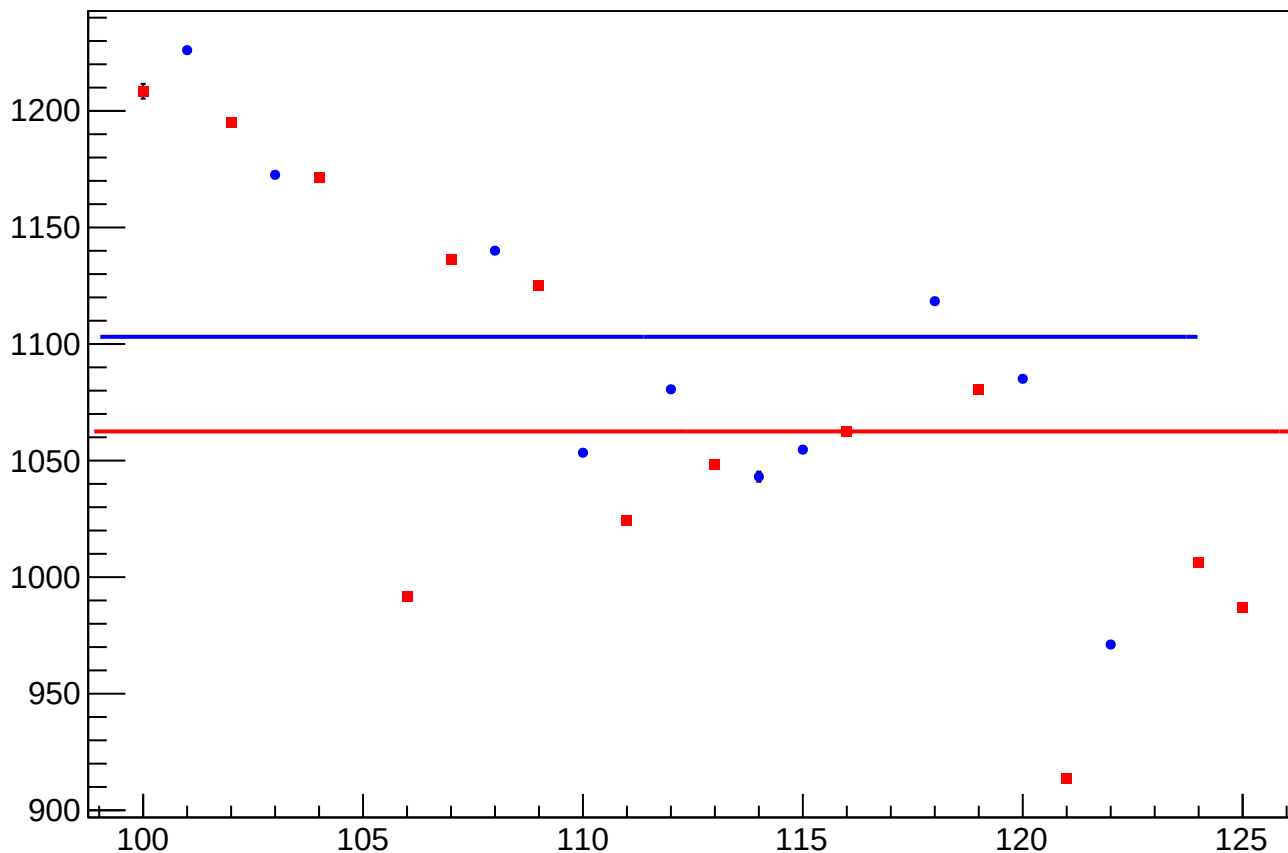
Right: -4.550+/-0.358 χ^2/NDF : 367.9/22

In: -6.031+/-0.546 χ^2/NDF :197.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.550+/-0.358 χ^2/NDF : 367.9/22

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: 1062.501+/-0.335 χ^2/NDF : 65781.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

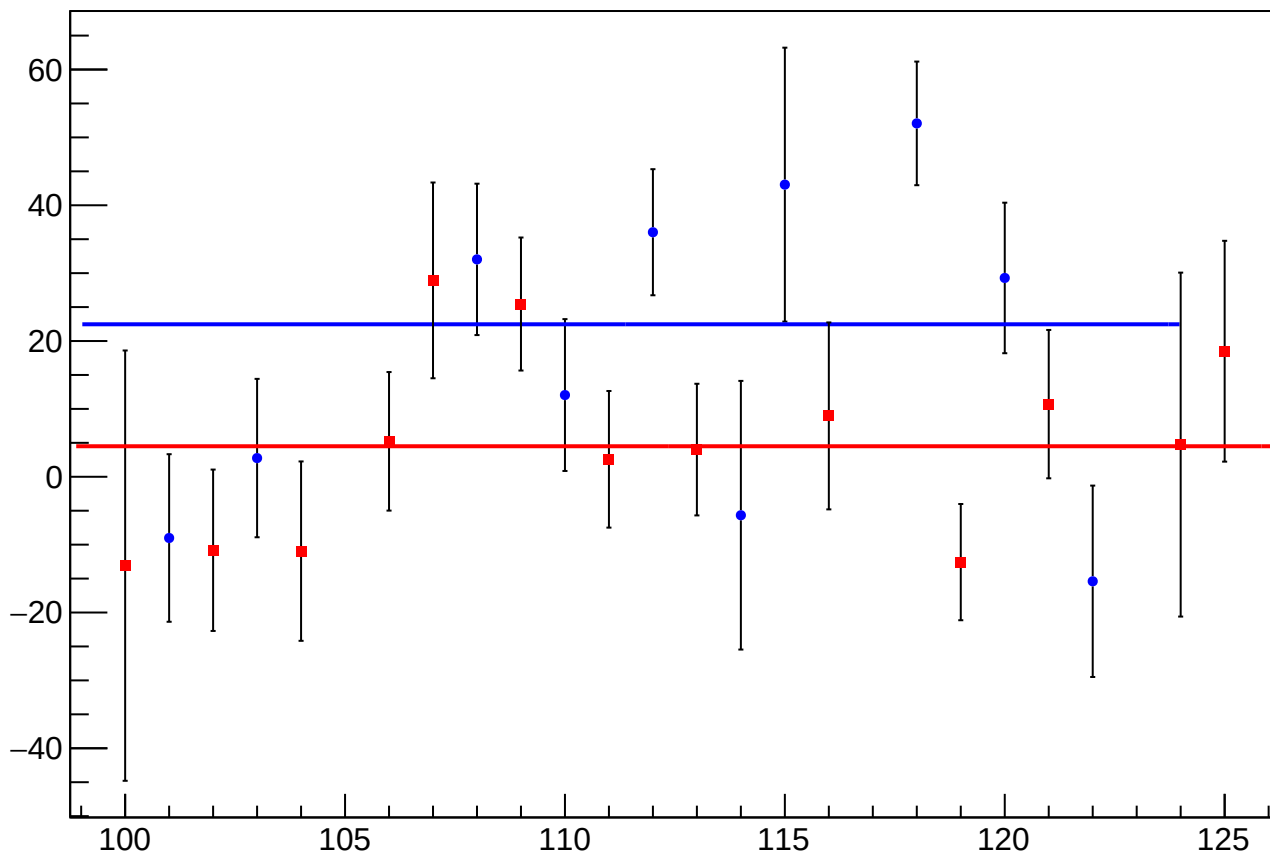
Right: 1079.912+/-0.253 χ^2/NDF : 109523.8/22

In: 1103.097+/-0.386 χ^2/NDF : 37437.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1079.912+/-0.253 χ^2/NDF : 109523.8/22

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: 4.497+/-3.302 χ^2/NDF : 16.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

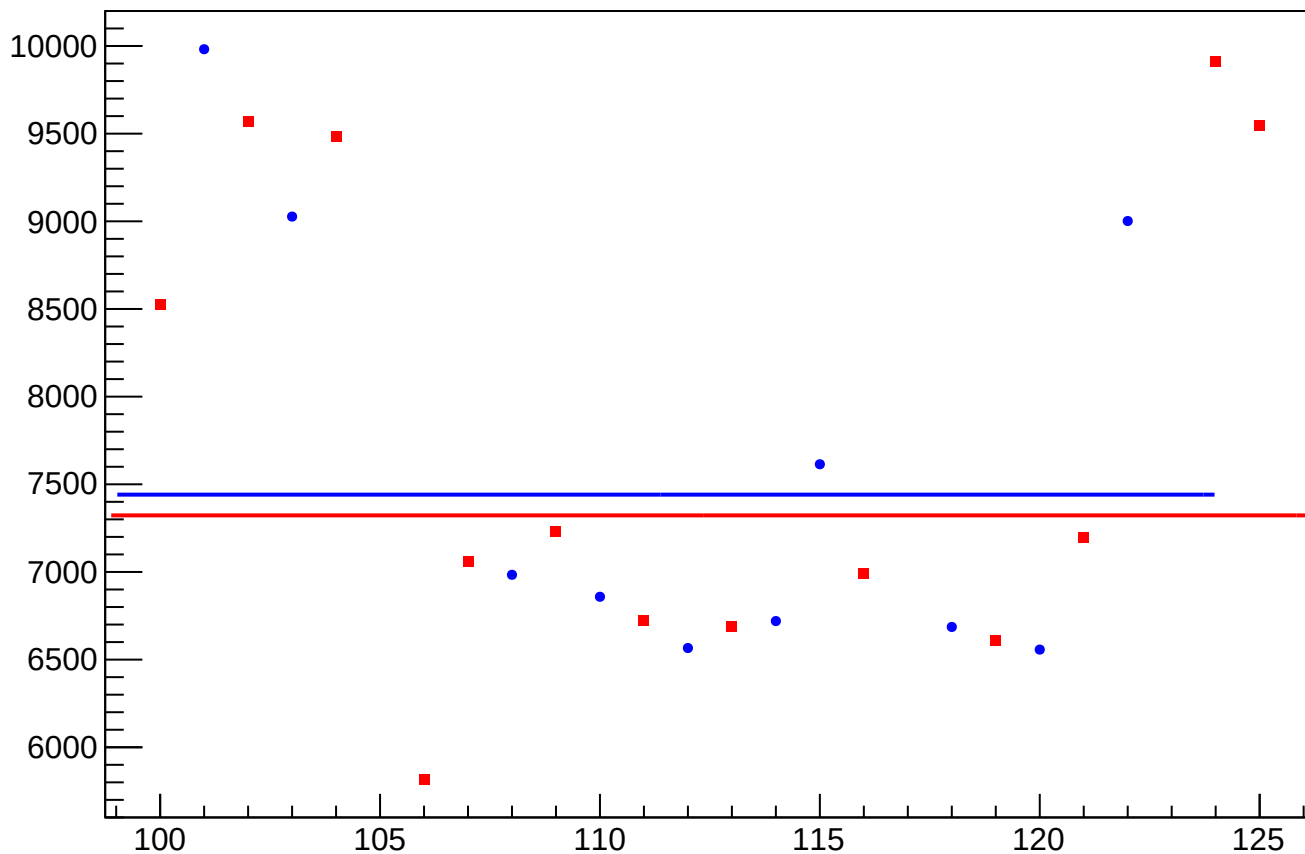
Right: 12.383+/-2.473 χ^2/NDF : 63.3/22

In: 22.466+/-3.733 χ^2/NDF : 34.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.383+/-2.473 χ^2/NDF : 63.3/22

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: 7322.707+/-2.335 χ^2/NDF : 261377.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

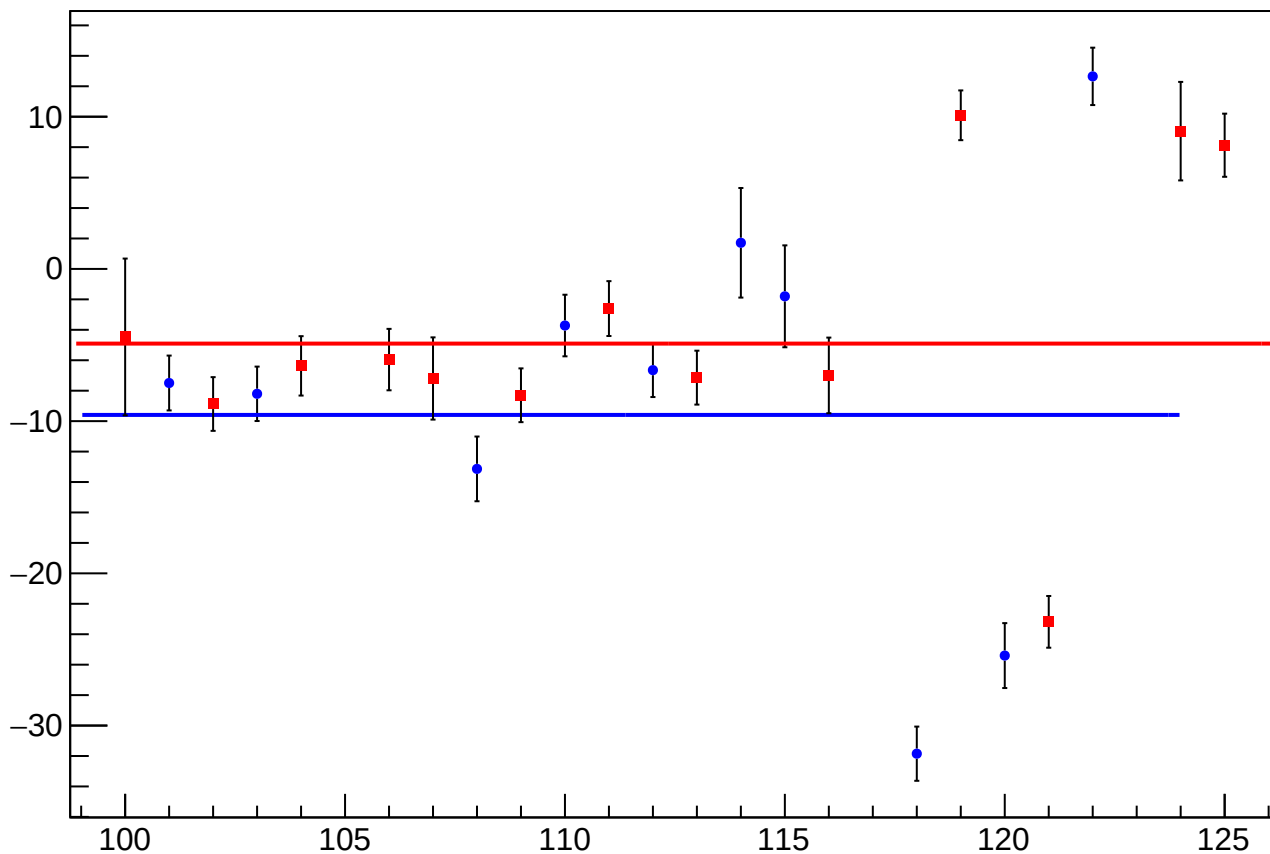
Right: 7374.643+/-1.749 χ^2/NDF : 464457.4/22

In: 7441.041+/-2.640 χ^2/NDF : 201952.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7374.643+/-1.749 χ^2/NDF : 464457.4/22

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: -4.906+/-0.562 χ^2/NDF : 272.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

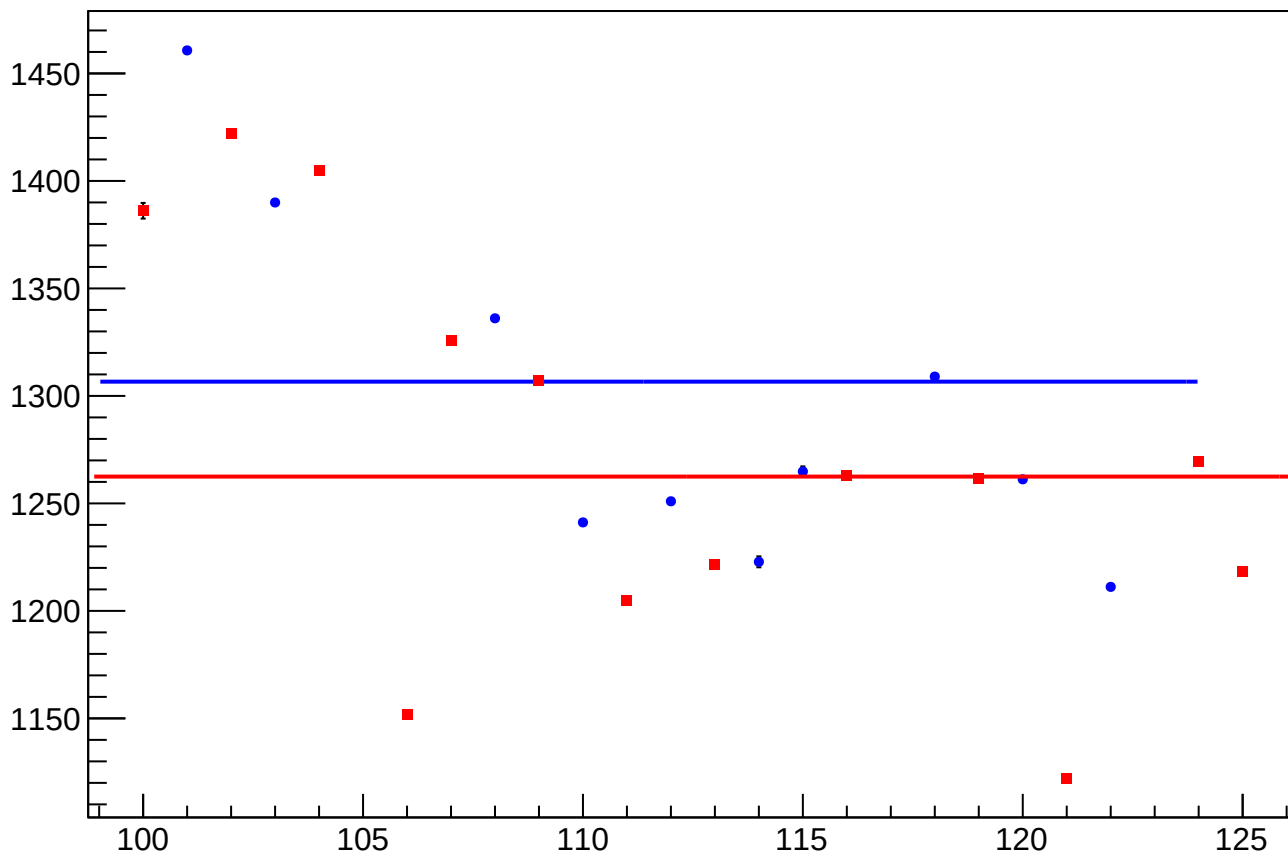
Right: -6.922+/-0.424 χ^2/NDF : 683.9/22

In: -9.592+/-0.647 χ^2/NDF :381.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.922+/-0.424 χ^2/NDF : 683.9/22

diff_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 1306.636+/-0.457 χ^2/NDF : 30872.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1262.479+/-0.398 χ^2/NDF : 54305.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

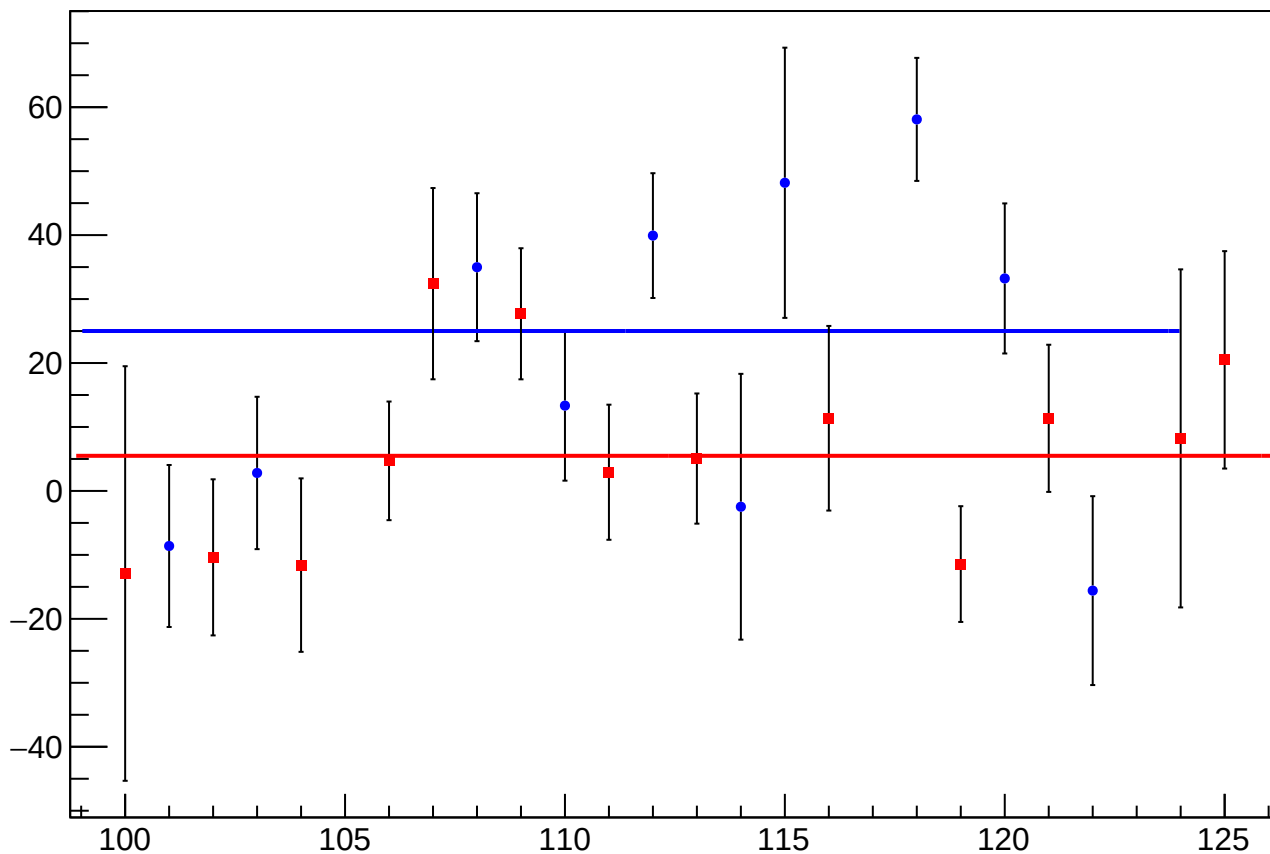
Right: 1281.483+/-0.300 χ^2/NDF : 90486.0/22

In: 1306.636+/-0.457 χ^2/NDF : 30872.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1281.483+/-0.300 χ^2/NDF : 90486.0/22

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: 5.492+/-3.394 χ^2/NDF : 16.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

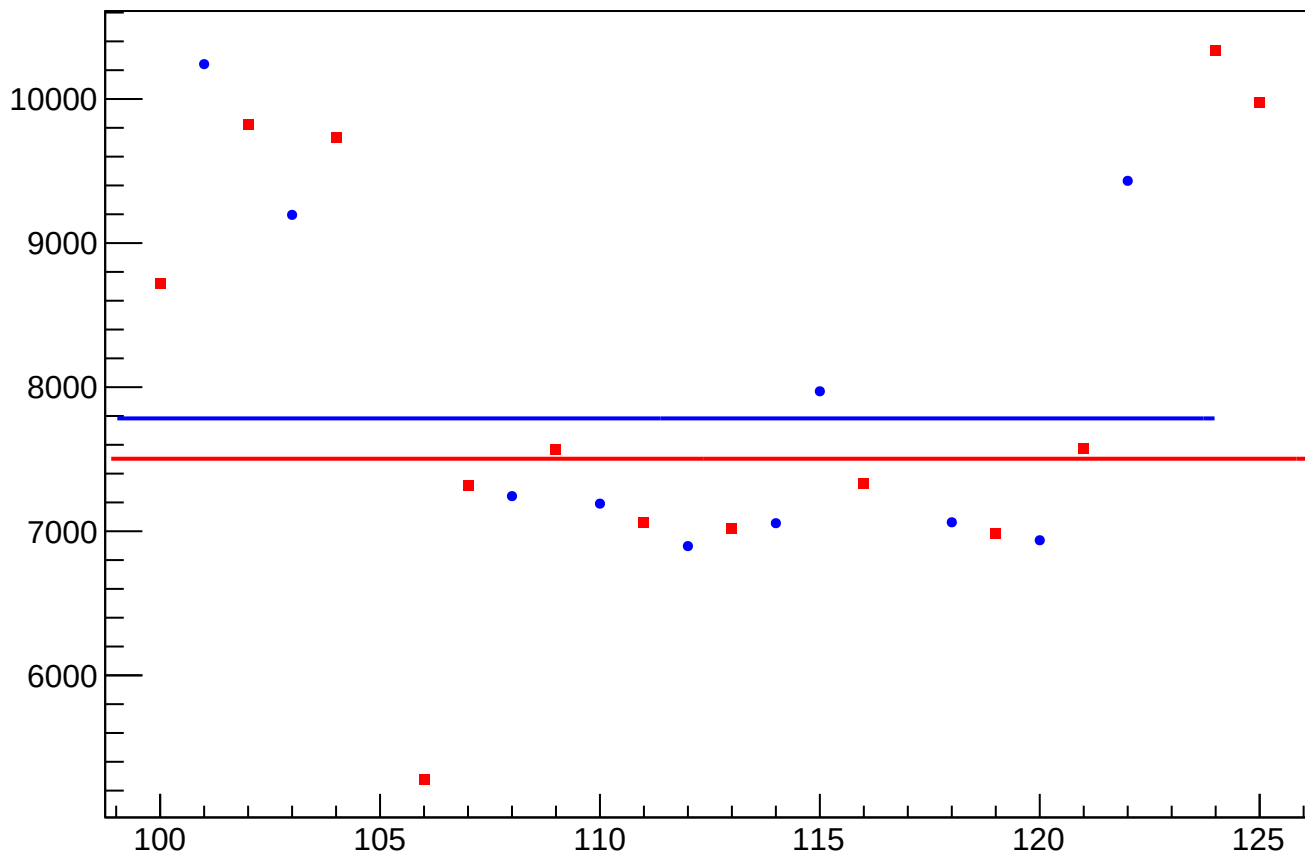
Right: 13.902+/-2.560 χ^2/NDF : 68.0/22

In: 25.006+/-3.900 χ^2/NDF : 37.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.902+/-2.560 χ^2/NDF : 68.0/22

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: 7503.293+/-2.400 χ^2/NDF : 325420.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

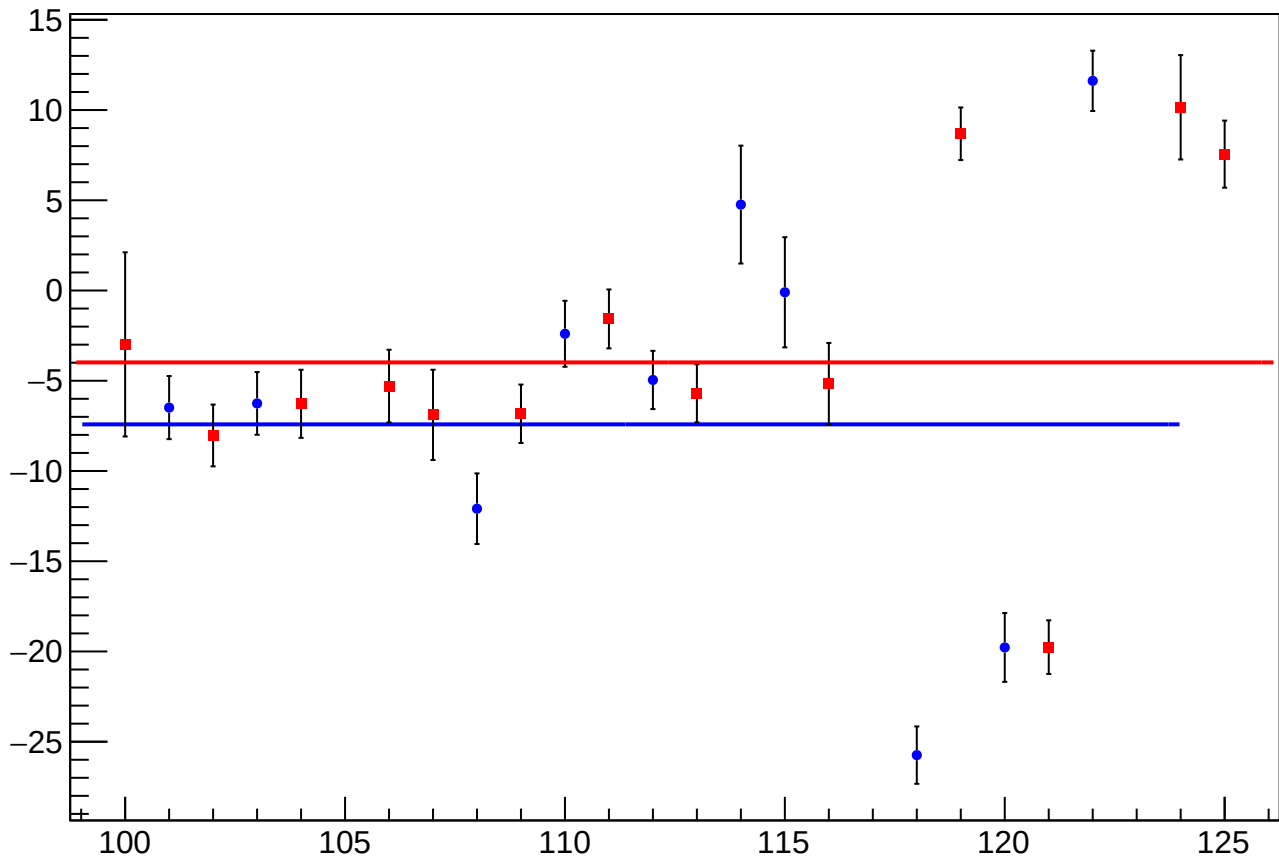
Right: 7623.964+/-1.810 χ^2/NDF : 509910.2/22

In: 7783.271+/-2.758 χ^2/NDF : 178624.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7623.964+/-1.810 χ^2/NDF : 509910.2/22

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: -3.984 ± 0.517 χ^2/NDF : 266.3/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

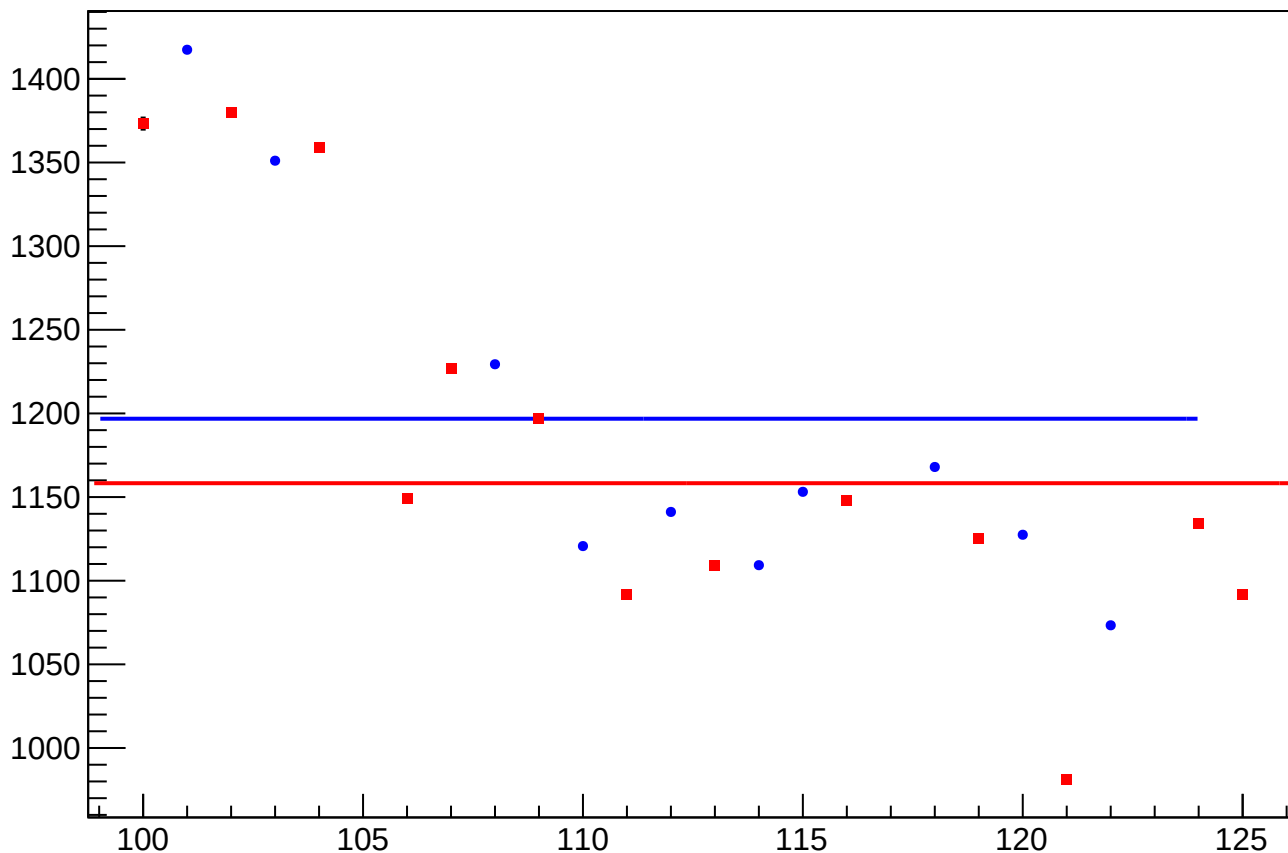
Right: -5.464 ± 0.390 χ^2/NDF : 626.0/22

In: -7.417 ± 0.594 χ^2/NDF : 340.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.464 ± 0.390 χ^2/NDF : 626.0/22

diff_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 1196.835+/-0.420 χ^2/NDF : 70097.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1158.288+/-0.366 χ^2/NDF : 99739.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

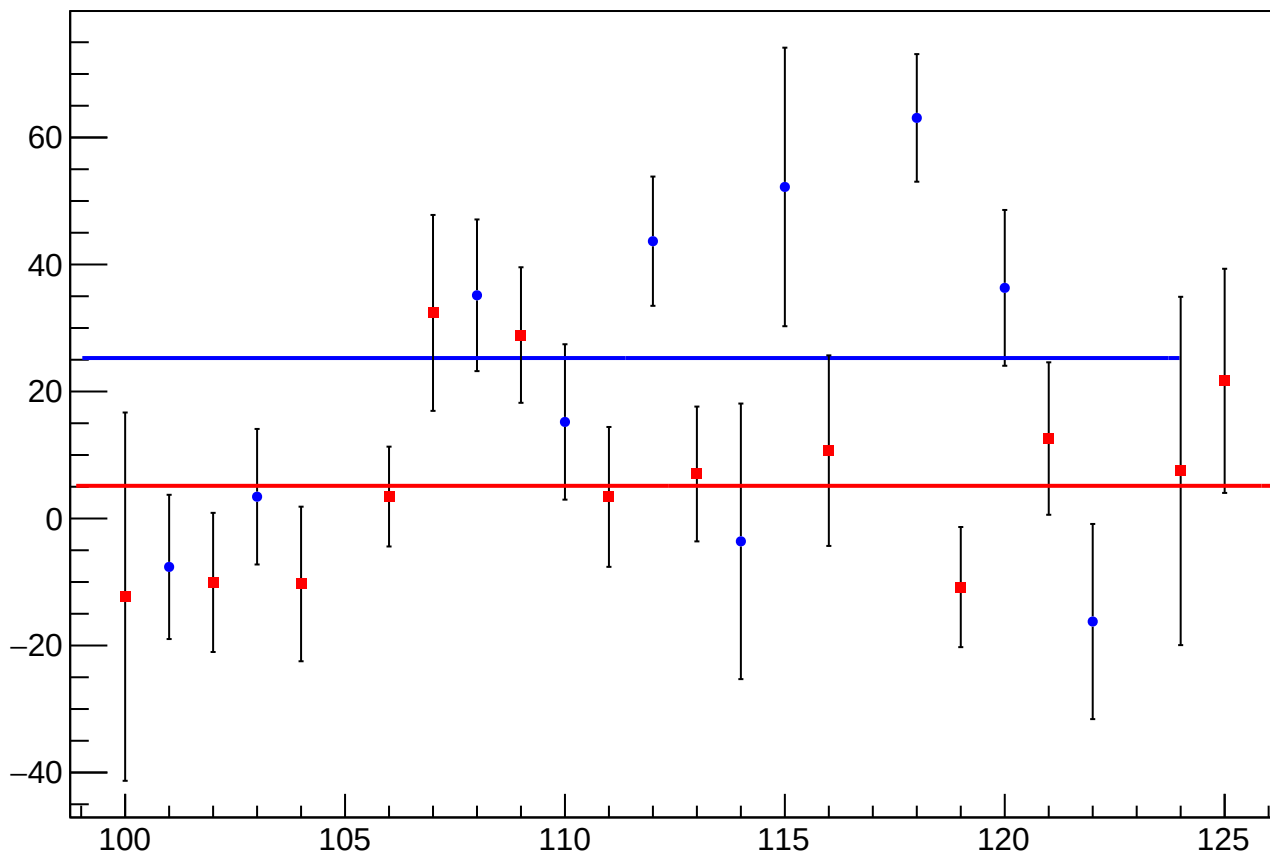
Right: 1174.905+/-0.276 χ^2/NDF : 174628.0/22

In: 1196.835+/-0.420 χ^2/NDF : 70097.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1174.905+/-0.276 χ^2/NDF : 174628.0/22

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: 5.147+/-3.340 χ^2/NDF : 16.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

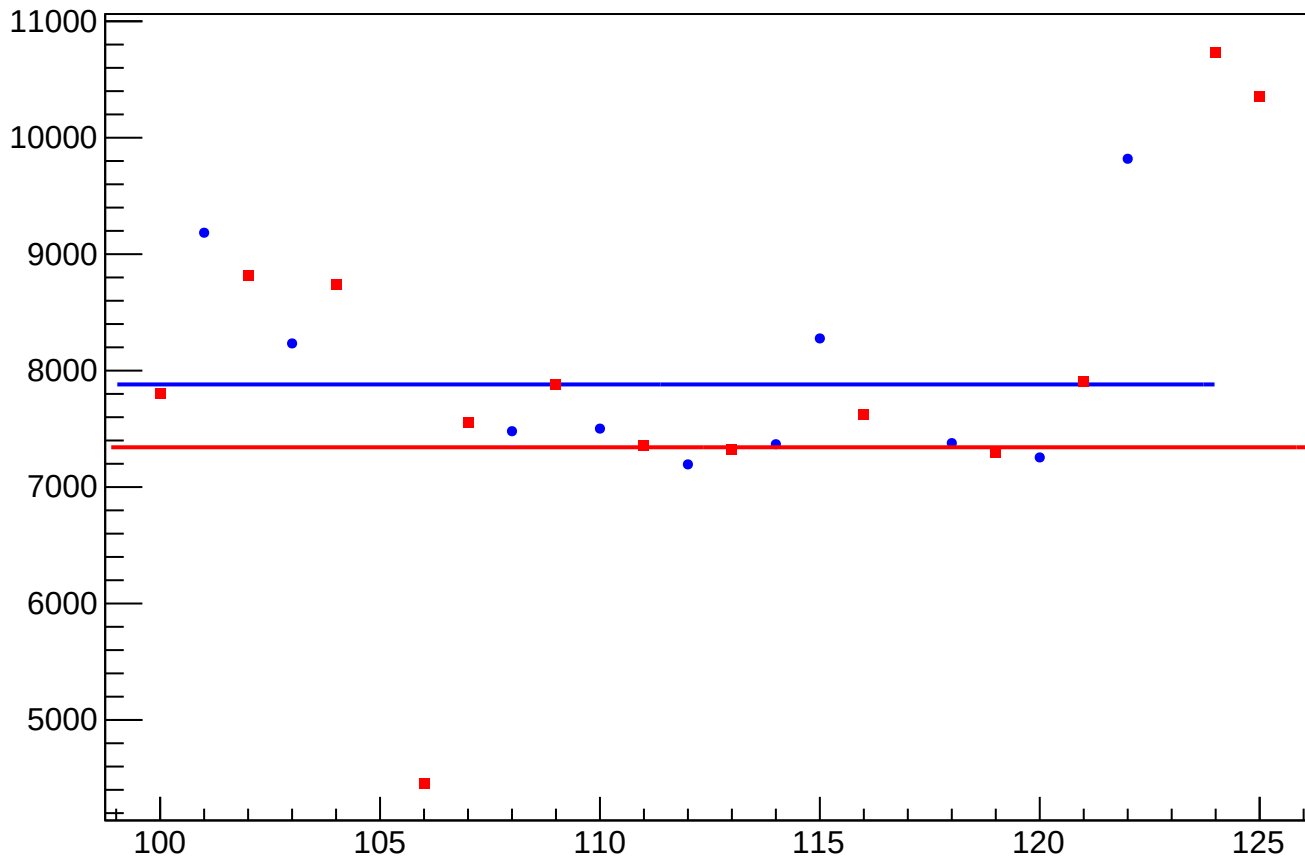
Right: 13.594+/-2.544 χ^2/NDF : 74.3/22

In: 25.269+/-3.926 χ^2/NDF : 42.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.594+/-2.544 χ^2/NDF : 74.3/22

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: 7341.758+/-2.362 χ^2/NDF : 431860.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

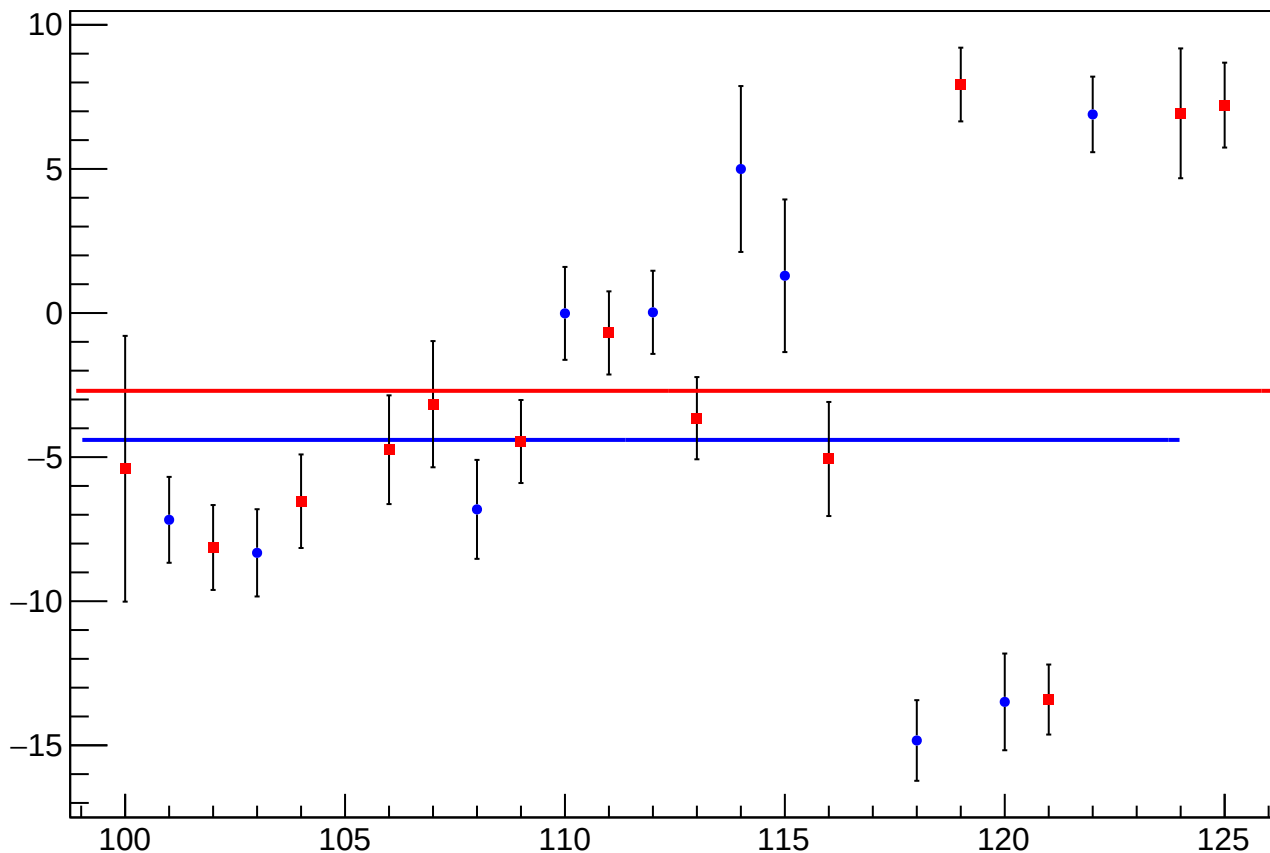
Right: 7568.283+/-1.799 χ^2/NDF : 539392.7/22

In: 7881.362+/-2.776 χ^2/NDF : 85614.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7568.283+/-1.799 χ^2/NDF : 539392.7/22

diff_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -4.403 ± 0.513 $\chi^2/\text{NDF}: 203.4/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -2.700 ± 0.446 $\chi^2/\text{NDF}: 236.4/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

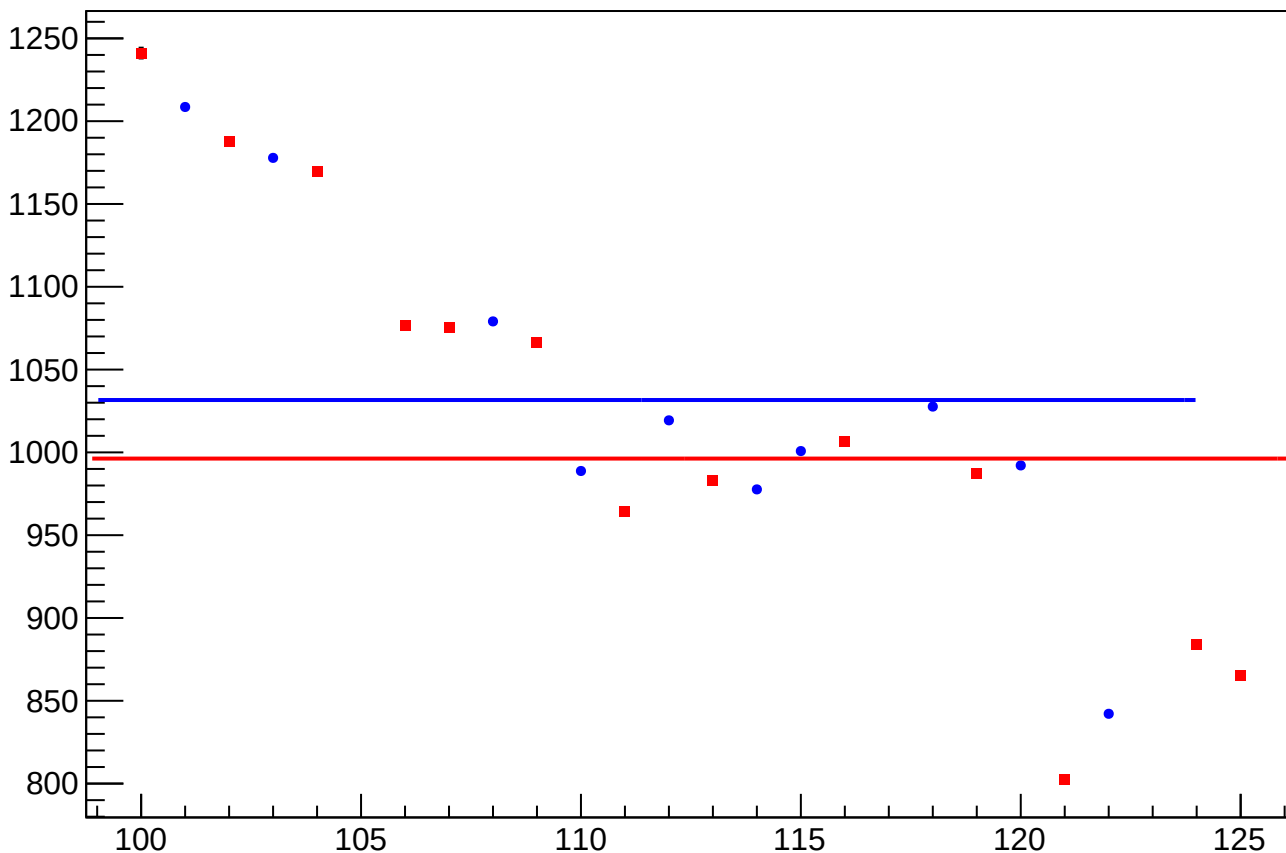
Right: -3.433 ± 0.336 $\chi^2/\text{NDF}: 446.1/22$

In: -4.403 ± 0.513 $\chi^2/\text{NDF}: 203.4/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -3.433 ± 0.336 $\chi^2/\text{NDF}: 446.1/22$

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: 996.261+/-0.315 χ^2/NDF : 145958.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

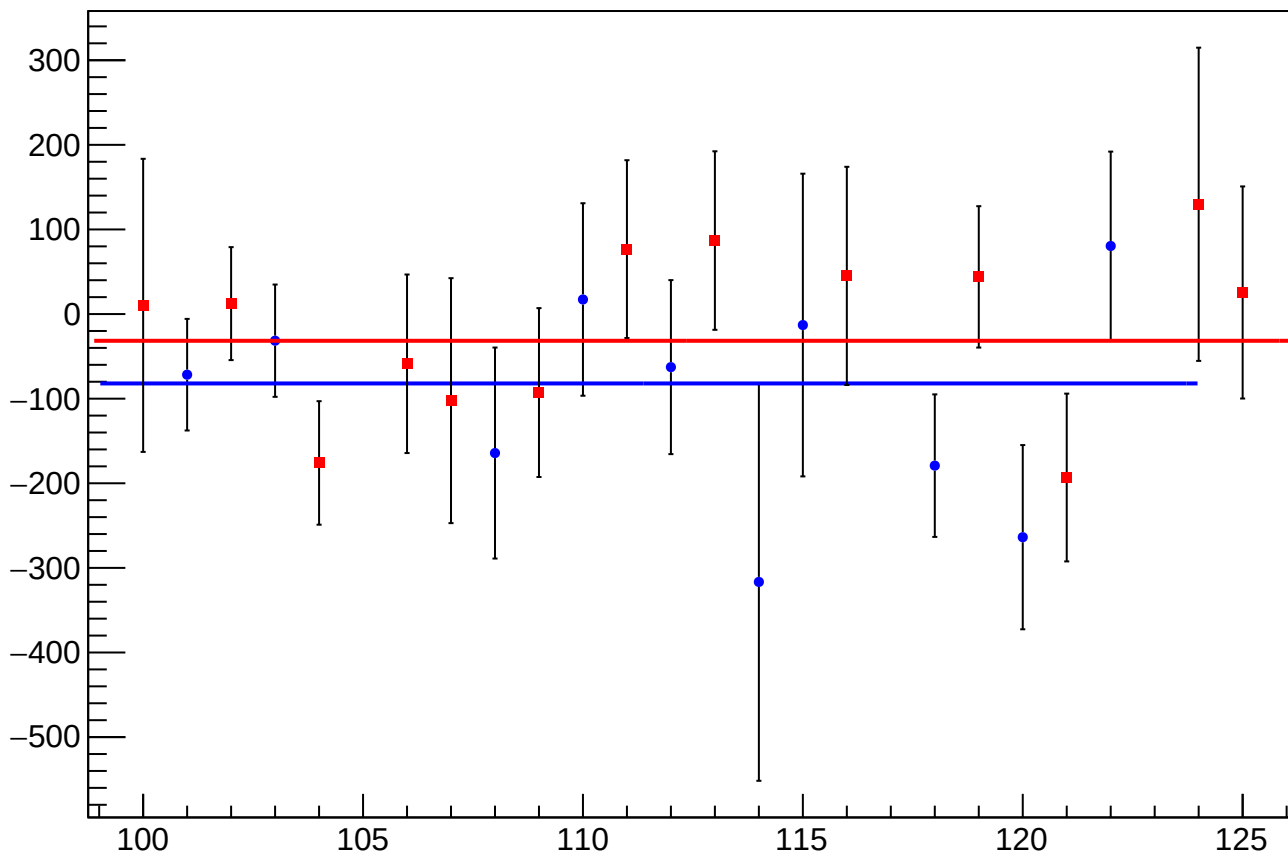
Right: 1011.479+/-0.238 χ^2/NDF : 245186.6/22

In: 1031.622+/-0.363 χ^2/NDF : 93811.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1011.479+/-0.238 χ^2/NDF : 245186.6/22

diff_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -82.009+/-30.887 χ^2/NDF : 9.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.595+/-28.153 χ^2/NDF : 12.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

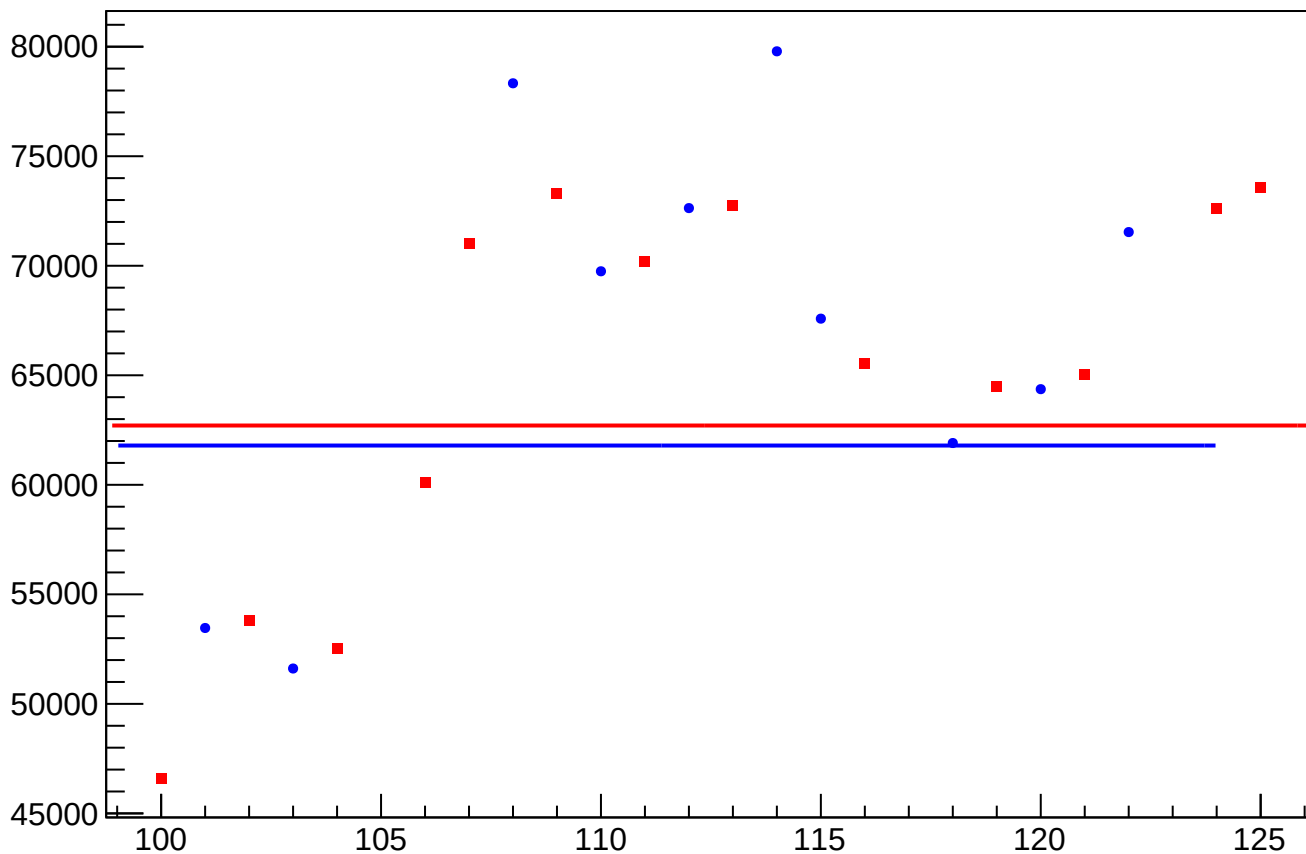
Right: -54.472+/-20.807 χ^2/NDF : 22.9/22

In: -82.009+/-30.887 χ^2/NDF : 9.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -54.472+/-20.807 χ^2/NDF : 22.9/22

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: 62706.988+/-19.907 χ^2 /NDF: 174460.9/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

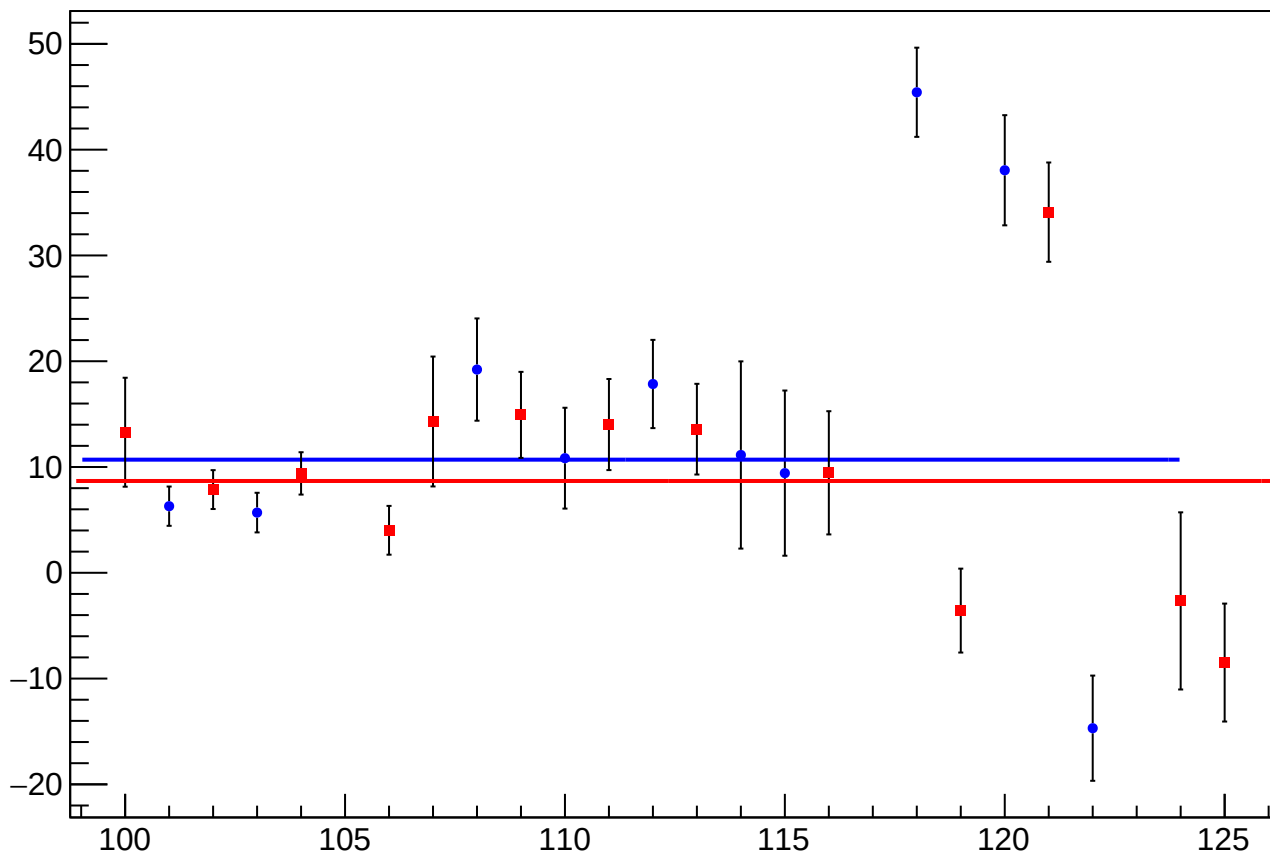
Right: 62292.346+/-14.713 χ^2 /NDF: 351750.2/22

In: 61793.229+/-21.841 χ^2 /NDF:176333.2/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 62292.346+/-14.713 χ^2 /NDF: 351750.2/22

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: 8.679+/-0.932 χ^2/NDF : 61.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

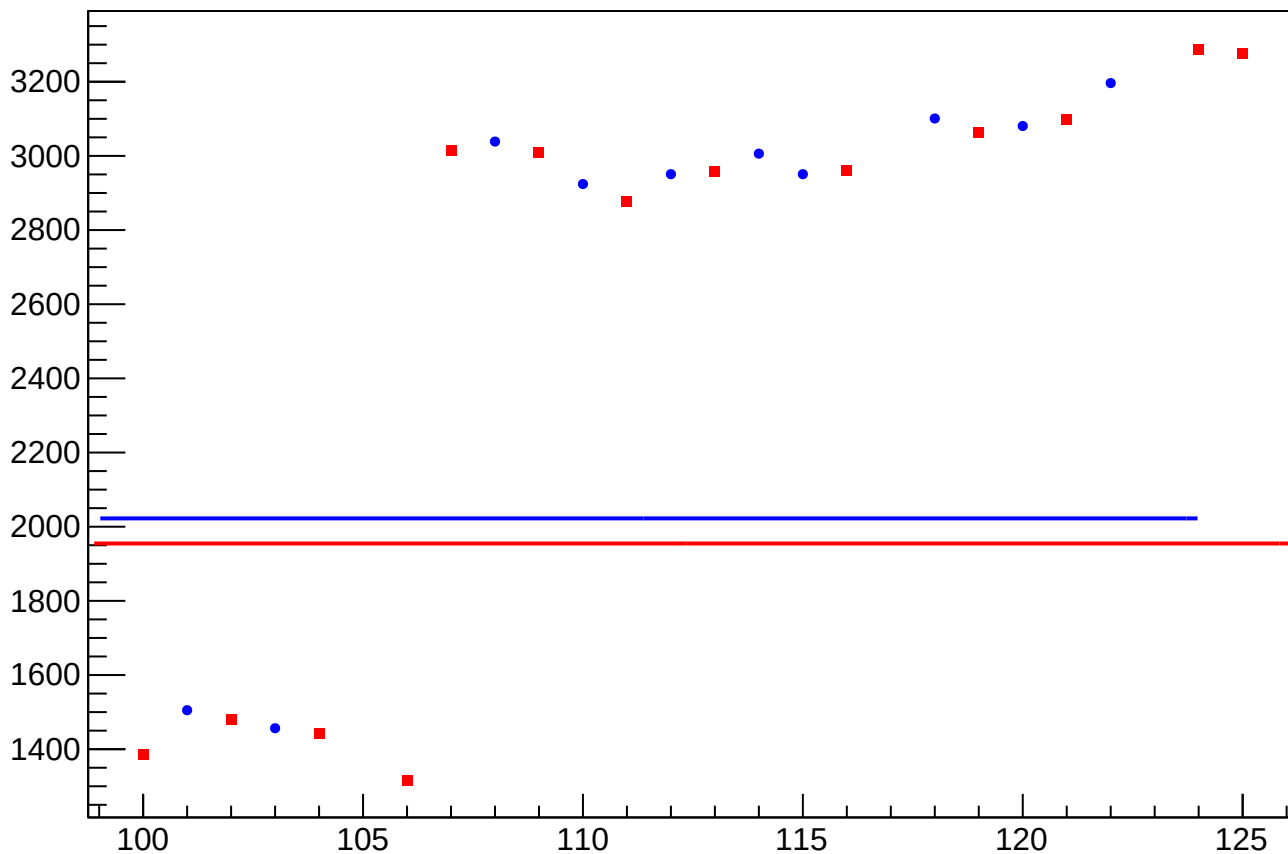
Right: 9.553+/-0.701 χ^2/NDF : 203.8/22

In: 10.694+/-1.065 χ^2/NDF : 140.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.553+/-0.701 χ^2/NDF : 203.8/22

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: 1954.760+/-0.659 χ^2/NDF : 1334491.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

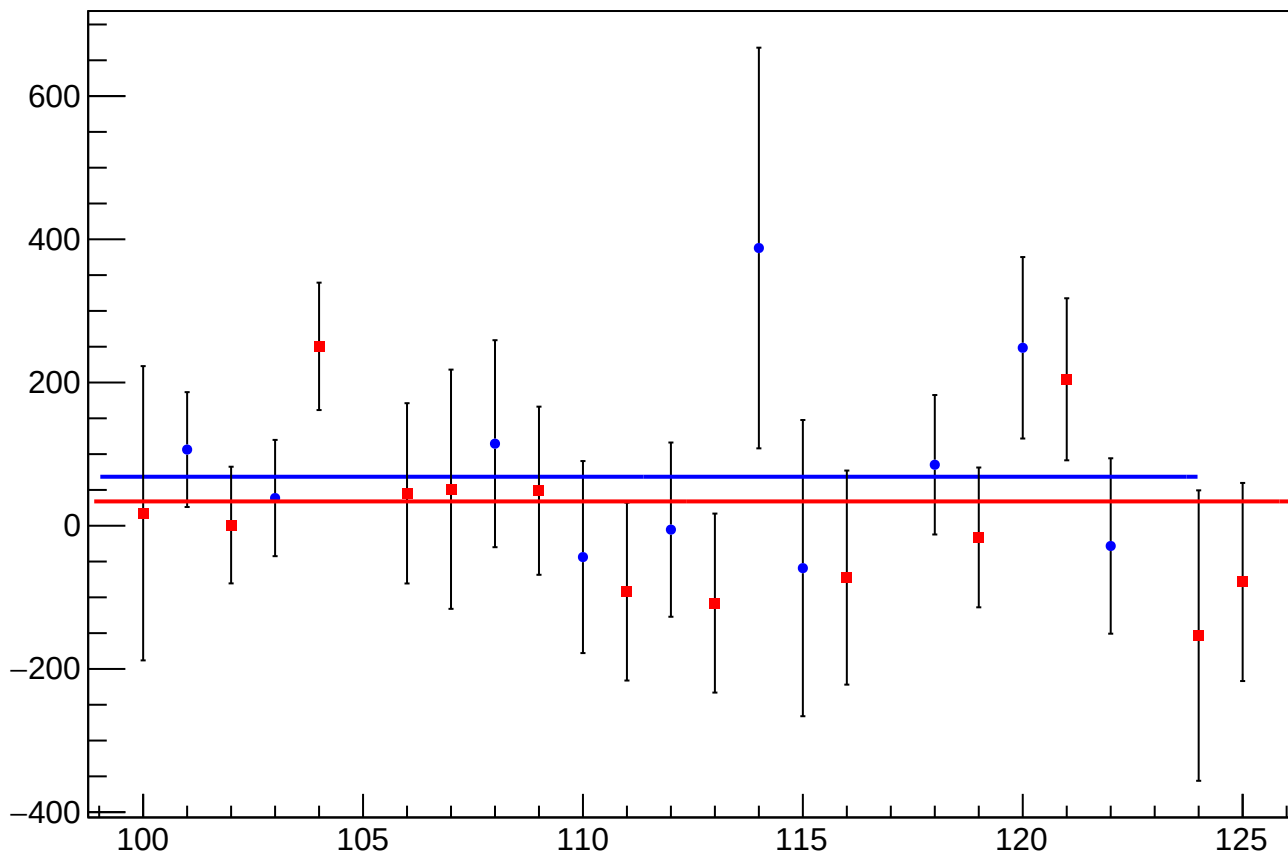
Right: 1984.109+/-0.496 χ^2/NDF : 2313966.3/22

In: 2022.410+/-0.753 χ^2/NDF : 974902.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1984.109+/-0.496 χ^2/NDF : 2313966.3/22

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: 33.959+/-33.233 χ^2/NDF : 13.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

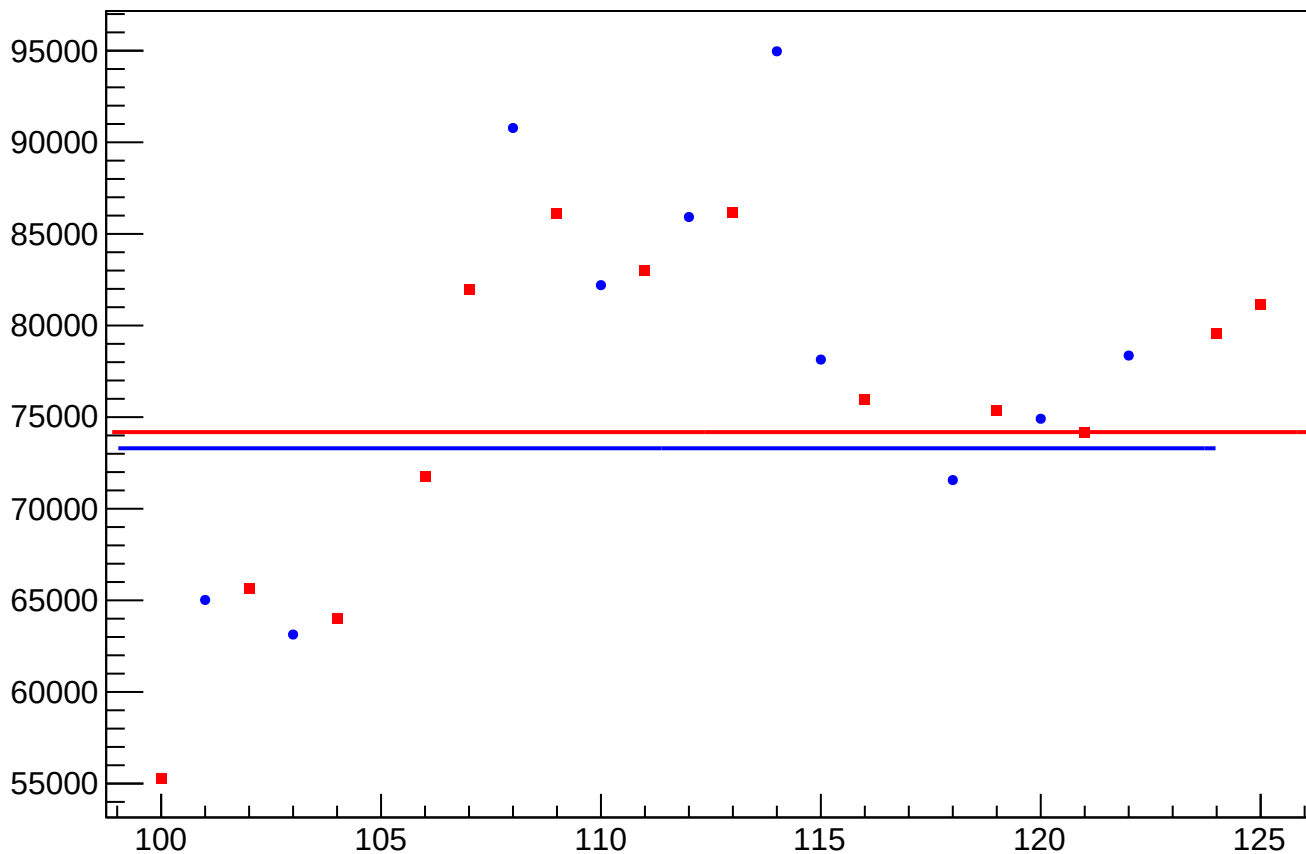
Right: 49.555+/-24.587 χ^2/NDF : 19.4/22

In: 68.413+/-36.544 χ^2/NDF : 5.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.555+/-24.587 χ^2/NDF : 19.4/22

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: 74183.159+/-23.499 χ^2 /NDF: 126472.9/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

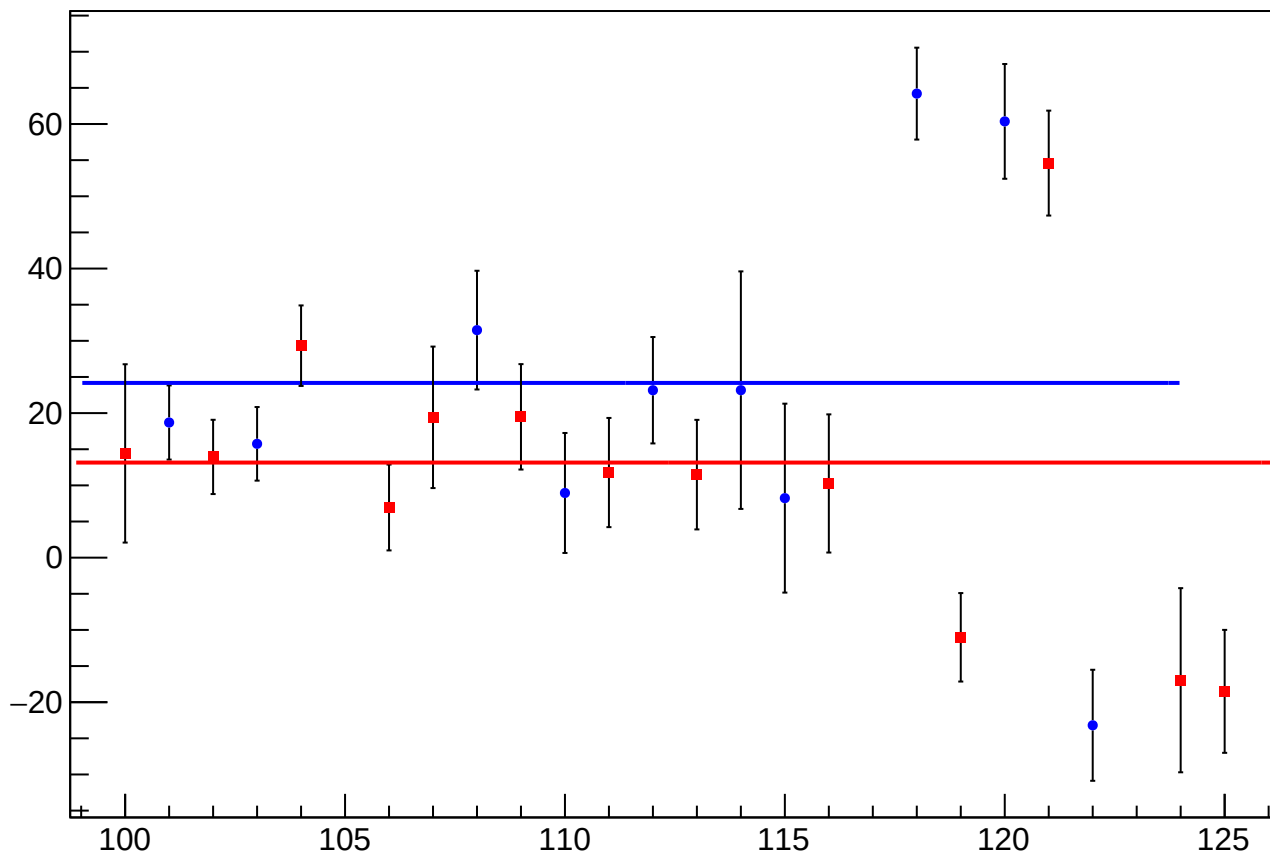
Right: 73783.409+/-17.385 χ^2 /NDF: 256856.1/22

In: 73300.029+/-25.841 χ^2 /NDF:129743.9/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 73783.409+/-17.385 χ^2 /NDF: 256856.1/22

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: 13.157+/-2.017 χ^2/NDF : 78.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

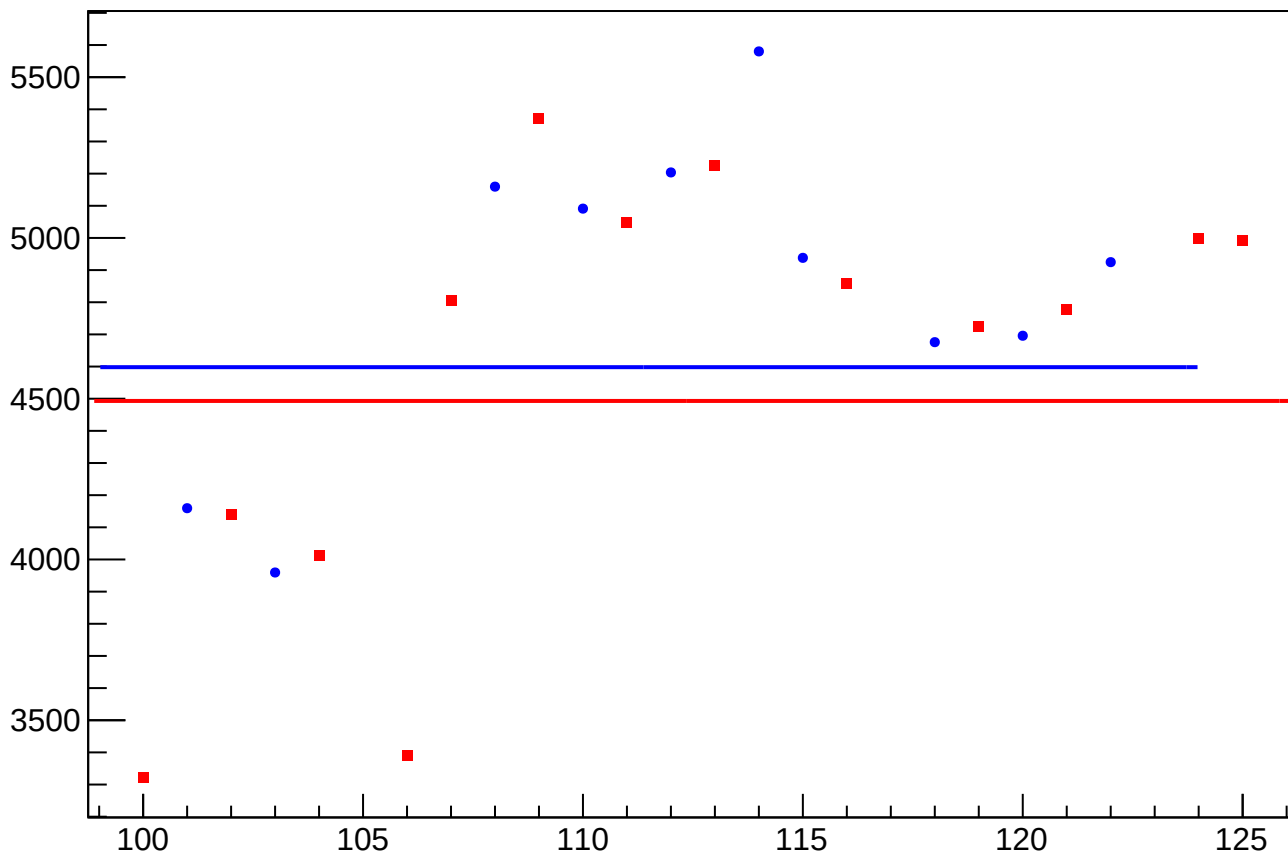
Right: 17.982+/-1.512 χ^2/NDF : 199.6/22

In: 24.176+/-2.285 χ^2/NDF : 108.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.982+/-1.512 χ^2/NDF : 199.6/22

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: 4493.039+/-1.426 χ^2/NDF : 191142.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

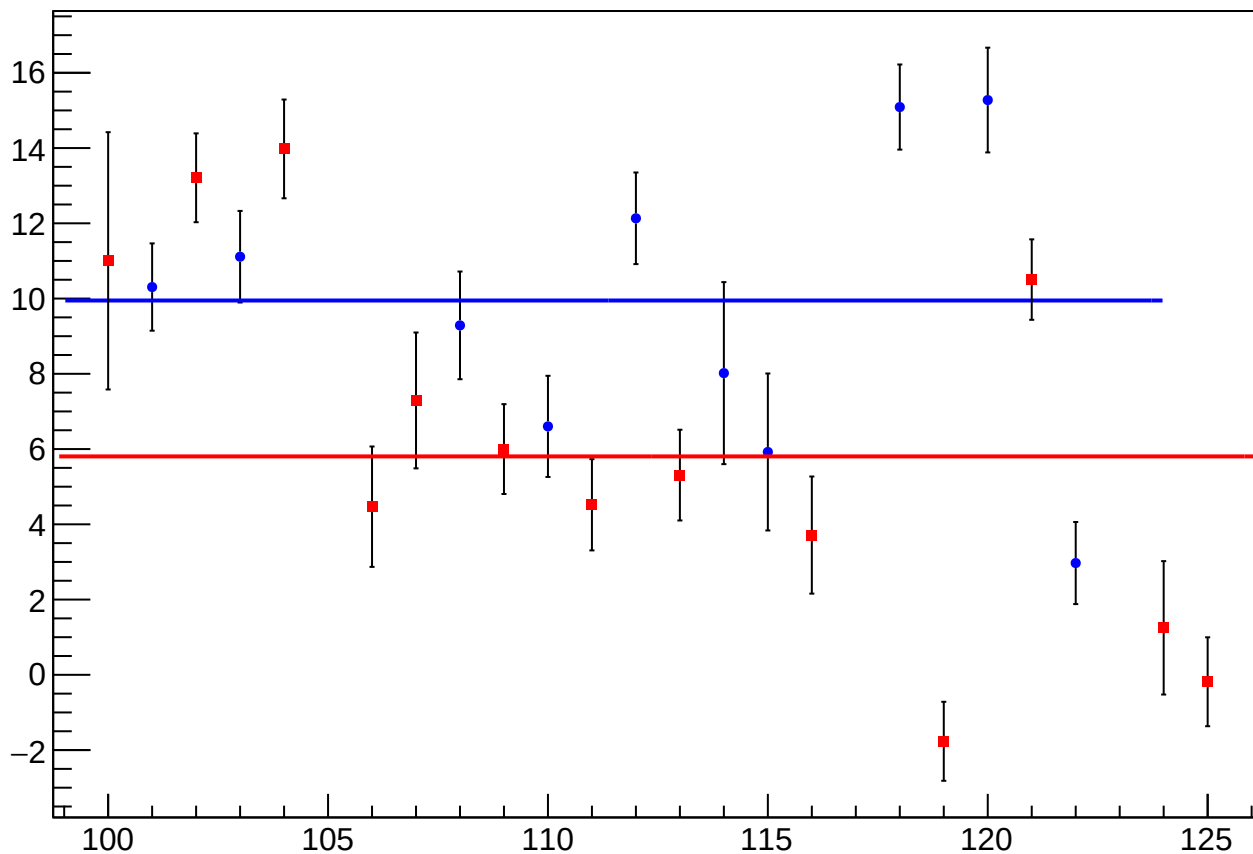
Right: 4539.032+/-1.069 χ^2/NDF : 282253.4/22

In: 4598.078+/-1.616 χ^2/NDF : 88736.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4539.032+/-1.069 χ^2/NDF : 282253.4/22

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: 5.805 $\pm$ 0.368 χ^2 /NDF: 188.6/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

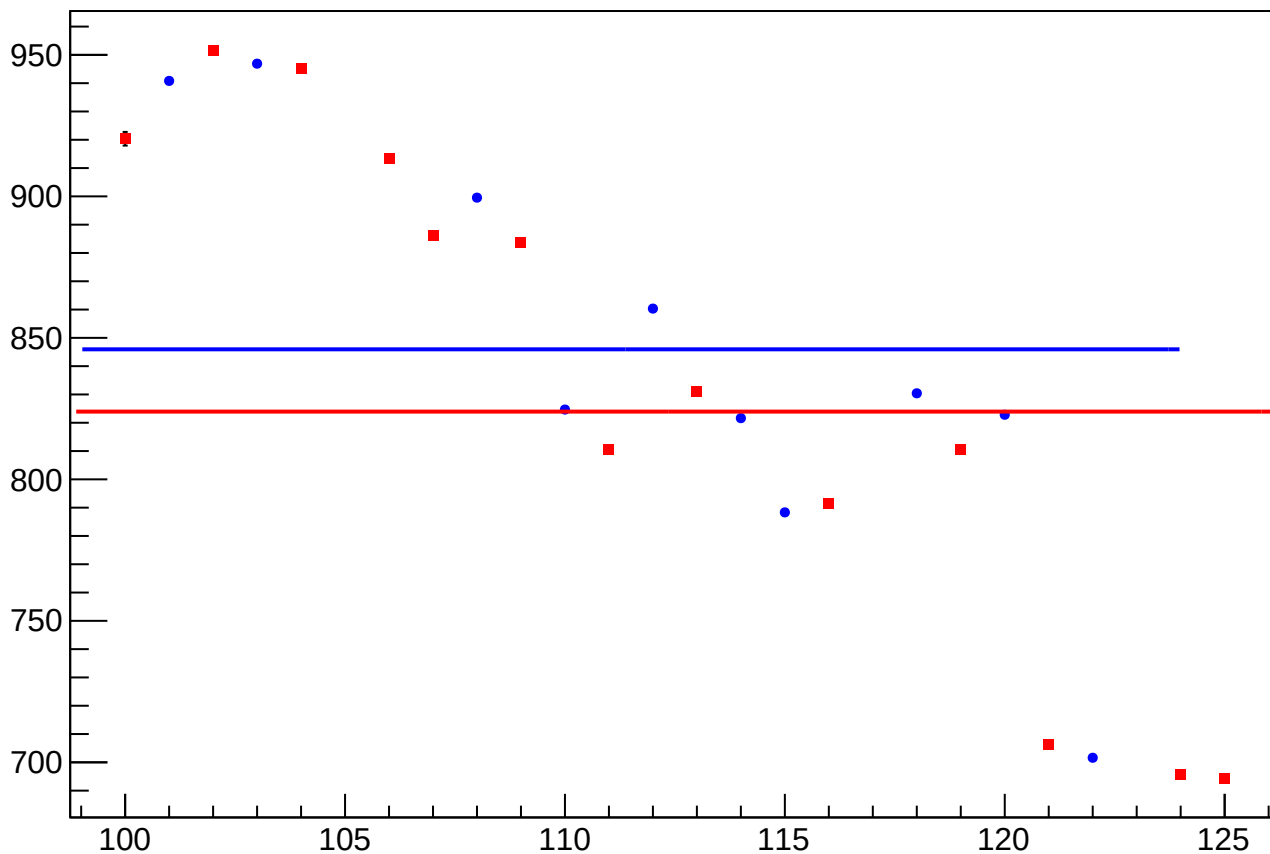
Right: 7.606 $\pm$ 0.277 χ^2 /NDF: 334.8/22

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: 7.606 $\pm$ 0.277 χ^2 /NDF: 334.8/22

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: 823.942+/-0.260 χ^2/NDF : 116012.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

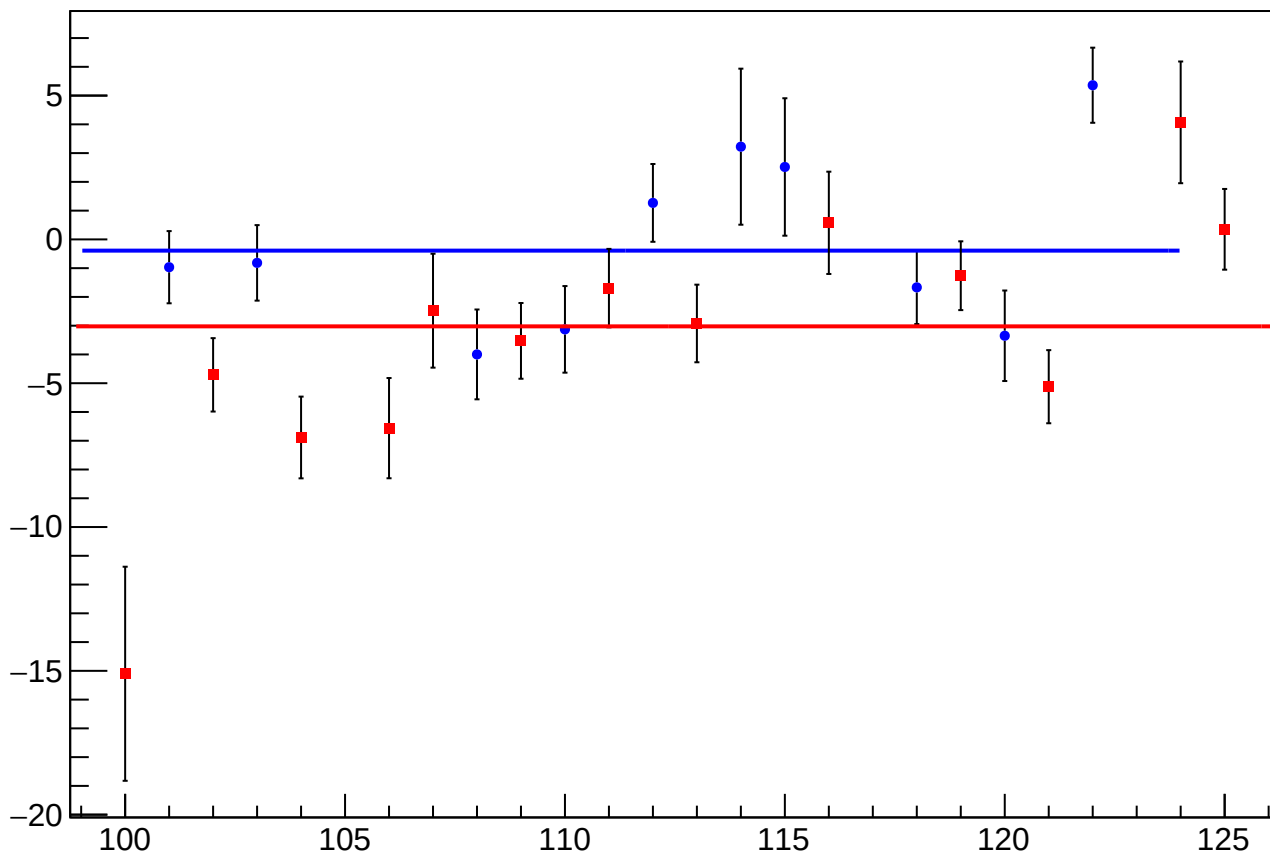
Right: 833.508+/-0.196 χ^2/NDF : 187500.5/22

In: 845.952+/-0.297 χ^2/NDF : 68380.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 833.508+/-0.196 χ^2/NDF : 187500.5/22

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: -3.023+/-0.415 χ^2/NDF : 51.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

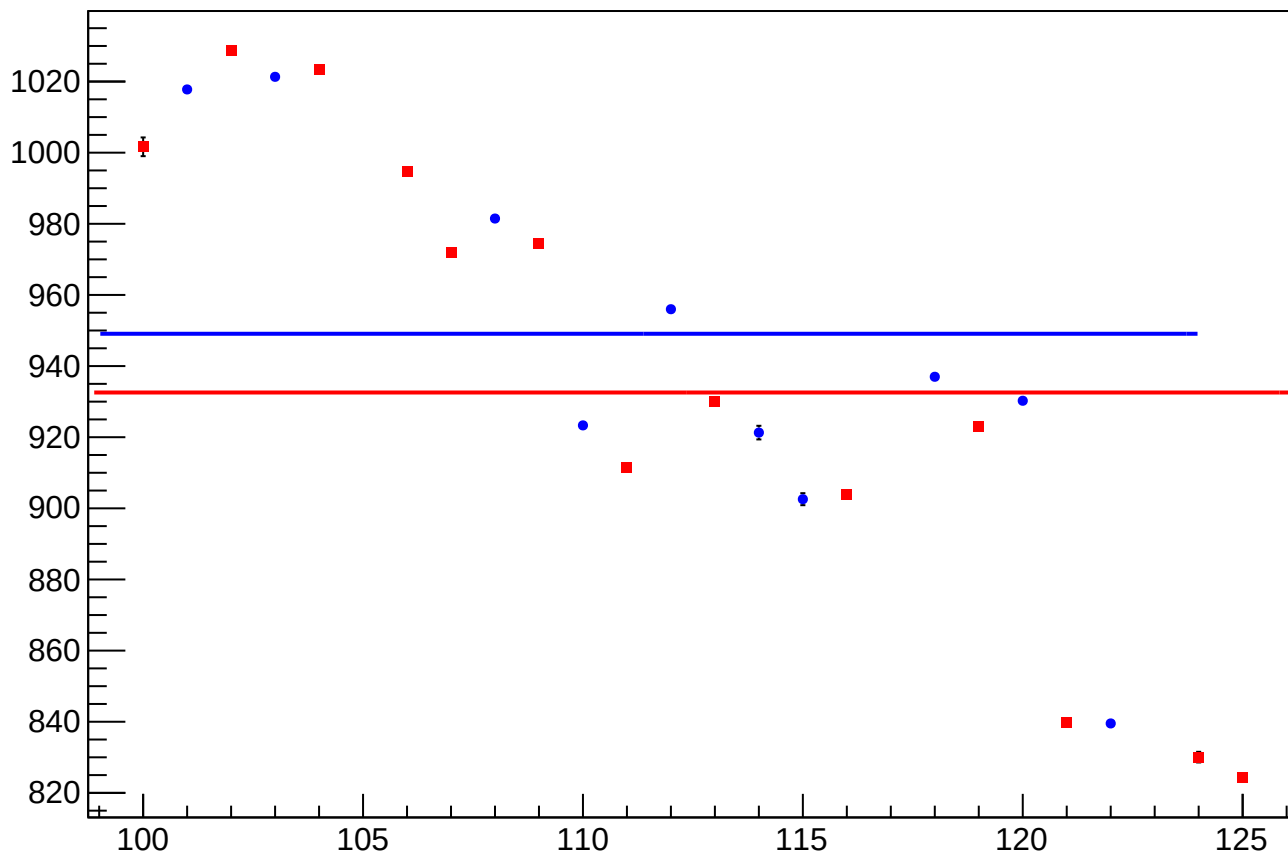
Right: -1.868+/-0.311 χ^2/NDF : 106.3/22

In: -0.390+/-0.470 χ^2/NDF :37.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.868+/-0.311 χ^2/NDF : 106.3/22

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: 932.569+/-0.294 χ^2/NDF : 53948.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

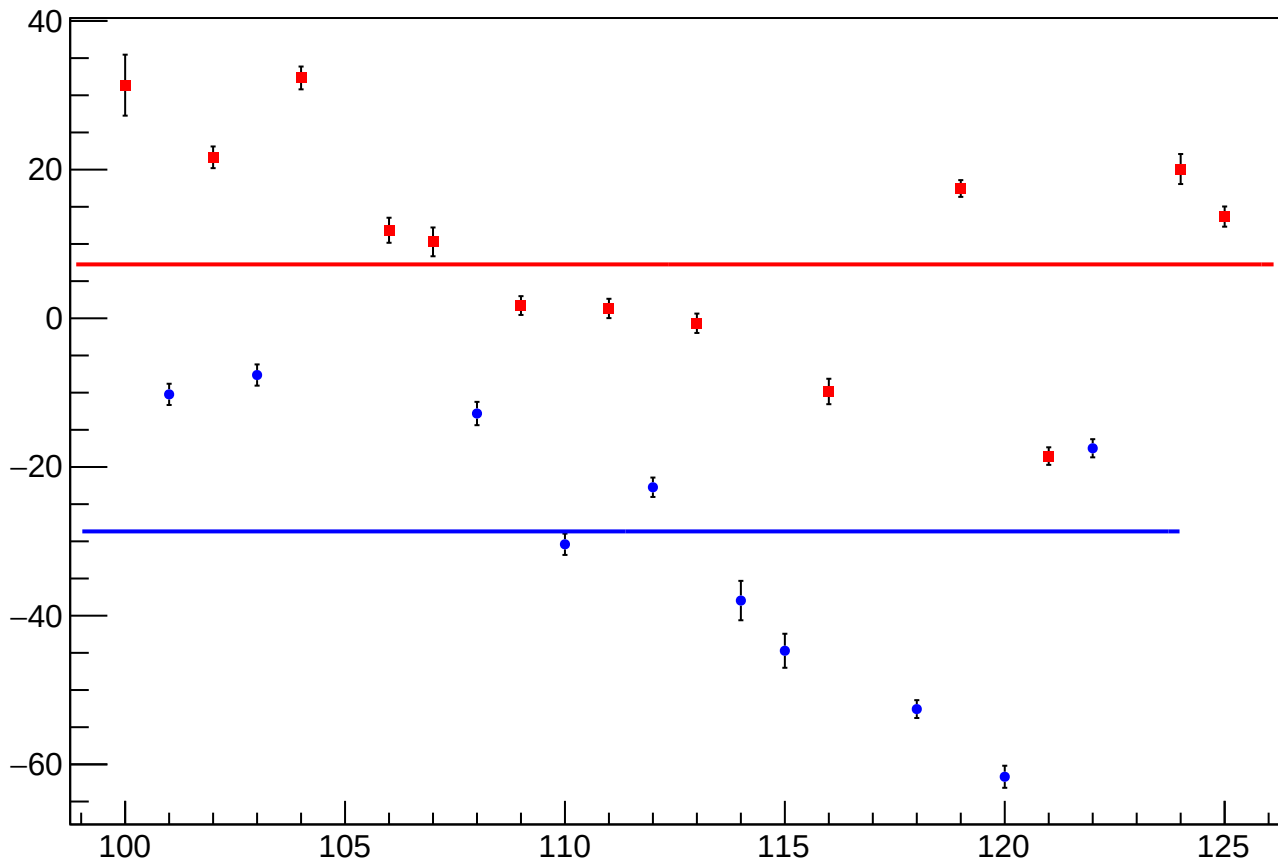
Right: 939.814+/-0.220 χ^2/NDF : 84399.9/22

In: 949.083+/-0.332 χ^2/NDF : 29064.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 939.814+/-0.220 χ^2/NDF : 84399.9/22

diff_bpm2i02X_mean vs Slug, Sign Corrected



Right In: -28.664 ± 0.466 χ^2/NDF : 1543.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 7.252 ± 0.408 χ^2/NDF : 1207.7/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

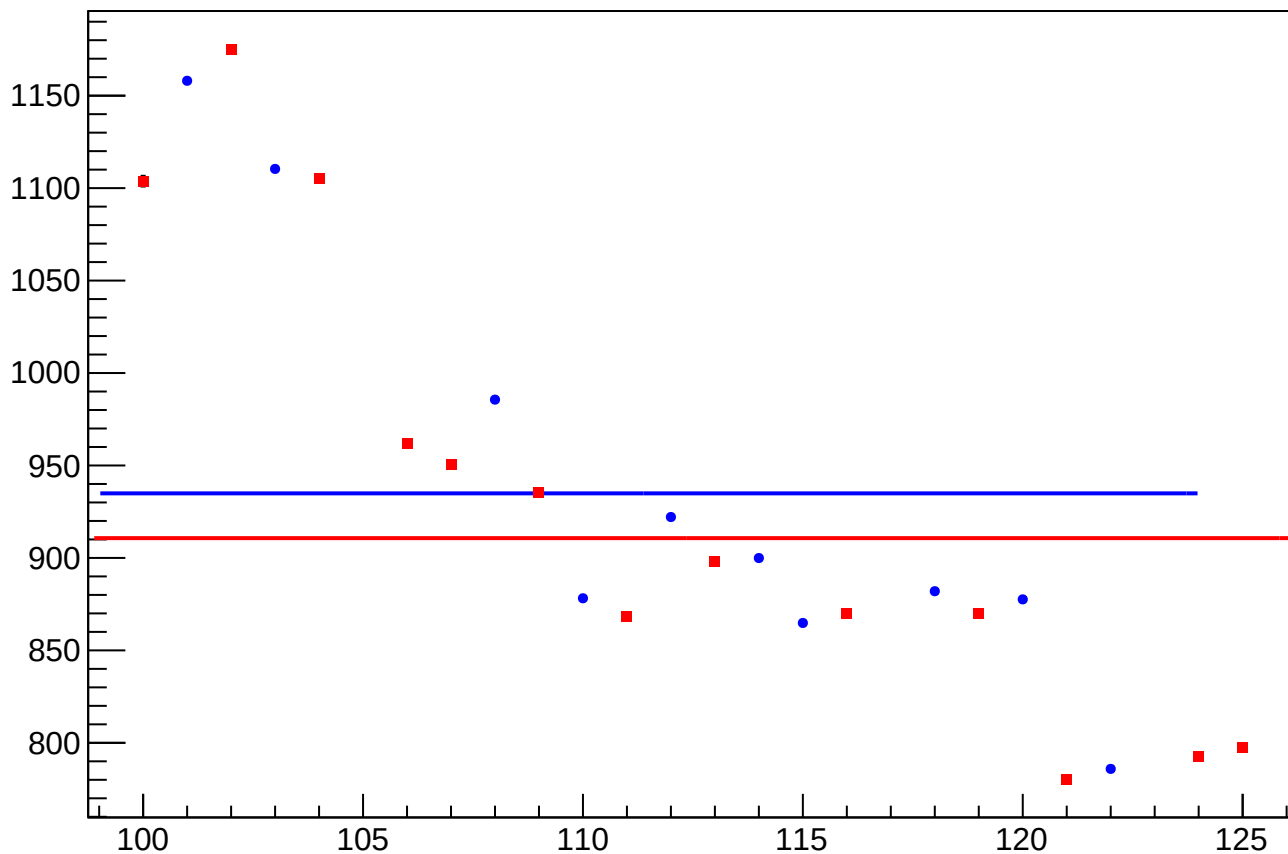
Right: -8.337 ± 0.307 χ^2/NDF : 6119.7/22

In: -28.664 ± 0.466 χ^2/NDF : 1543.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.337 ± 0.307 χ^2/NDF : 6119.7/22

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: 910.705+/-0.288 χ^2/NDF : 156923.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

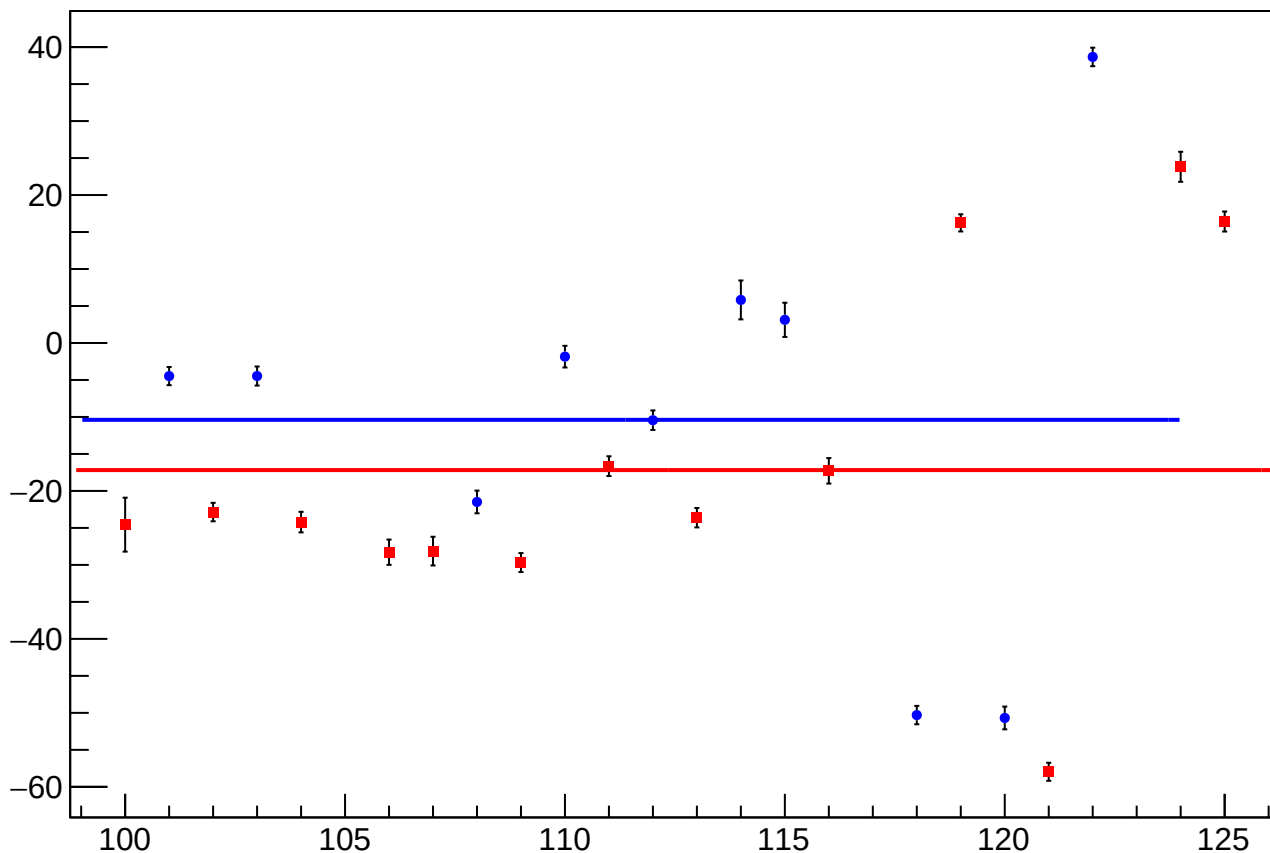
Right: 921.216+/-0.217 χ^2/NDF : 283267.6/22

In: 934.921+/-0.329 χ^2/NDF : 123281.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 921.216+/-0.217 χ^2/NDF : 283267.6/22

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: -17.182+/-0.404 χ^2/NDF : 3217.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

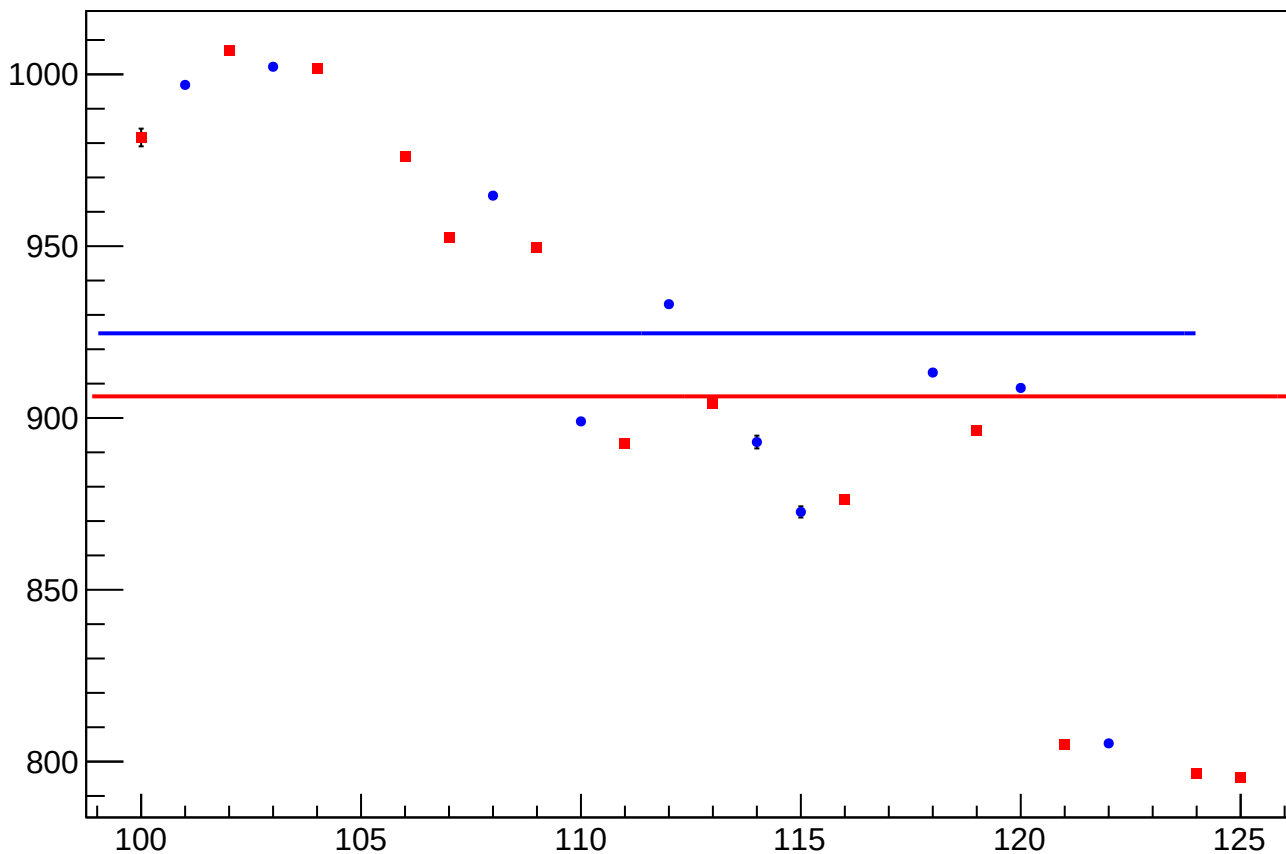
Right: -14.210+/-0.303 χ^2/NDF : 6797.0/22

In: -10.388+/-0.458 χ^2/NDF :3456.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -14.210+/-0.303 χ^2/NDF : 6797.0/22

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: 906.289+/-0.286 χ^2/NDF : 64109.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

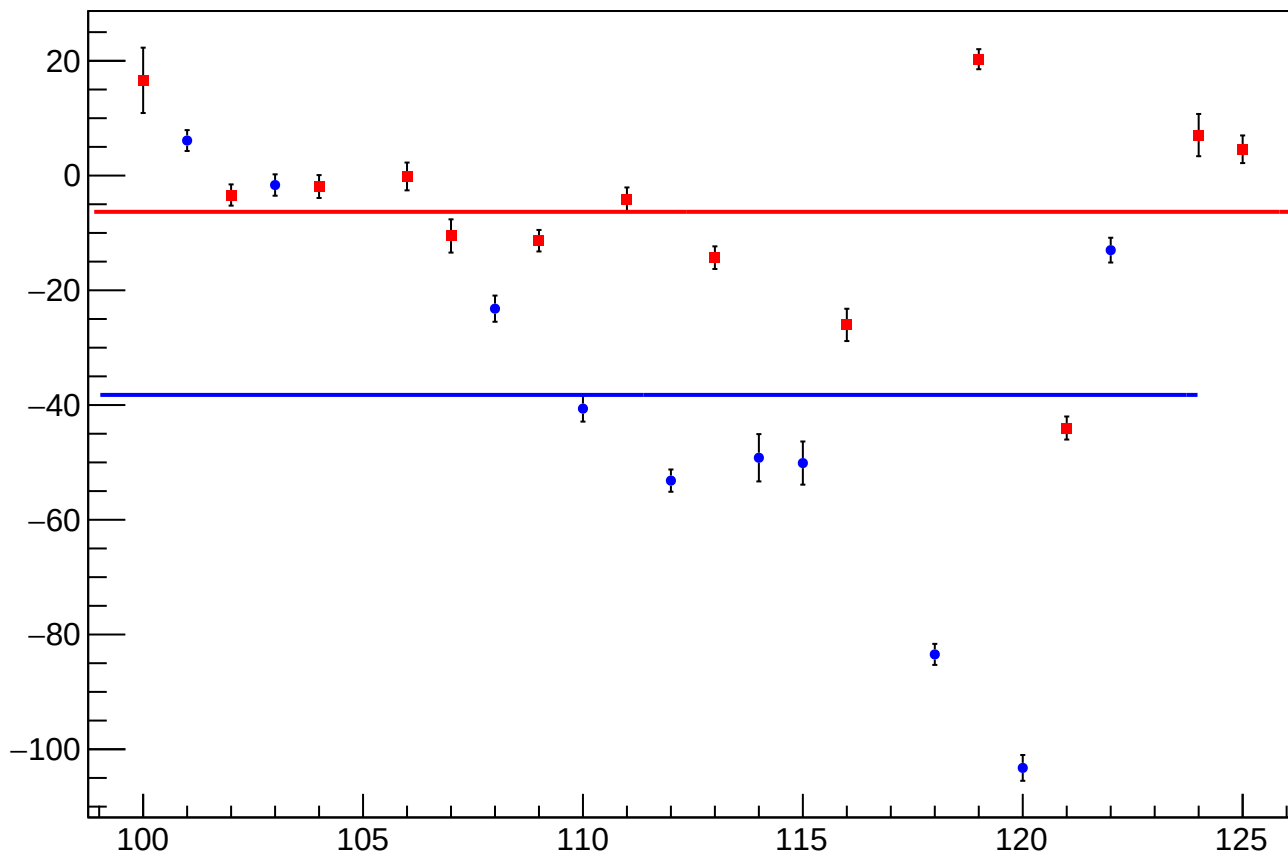
Right: 914.316+/-0.214 χ^2/NDF : 101996.7/22

In: 924.637+/-0.324 χ^2/NDF : 36081.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 914.316+/-0.214 χ^2/NDF : 101996.7/22

diff_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -38.232 ± 0.693 χ^2/NDF : 2680.8/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -6.320 ± 0.622 χ^2/NDF : 723.6/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

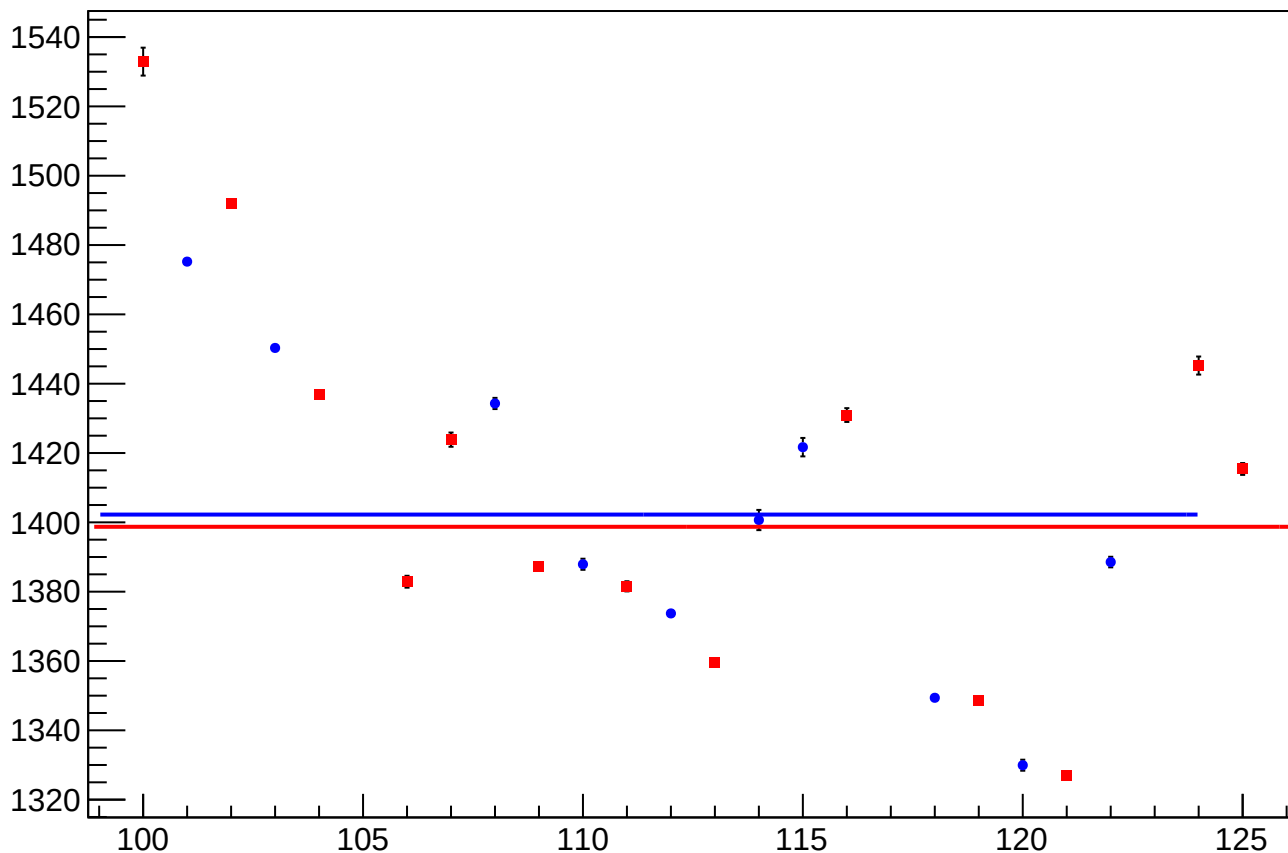
Right: -20.548 ± 0.463 χ^2/NDF : 4579.1/22

In: -38.232 ± 0.693 χ^2/NDF : 2680.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -20.548 ± 0.463 χ^2/NDF : 4579.1/22

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: 1398.718+/-0.440 χ^2/NDF : 13037.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

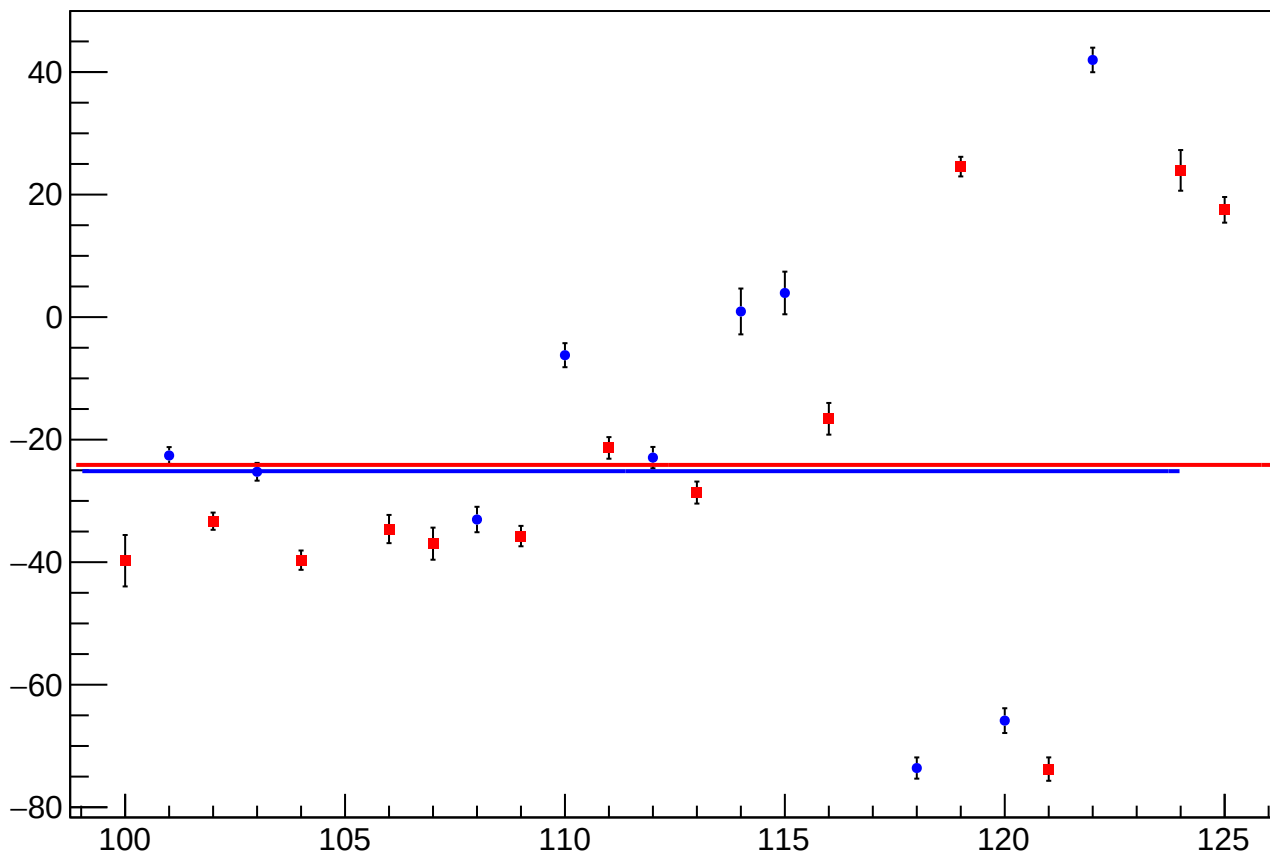
Right: 1400.290+/-0.327 χ^2/NDF : 22384.2/22

In: 1402.244+/-0.490 χ^2/NDF : 9318.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1400.290+/-0.327 χ^2/NDF : 22384.2/22

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: -24.122+/-0.540 χ^2/NDF : 2469.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

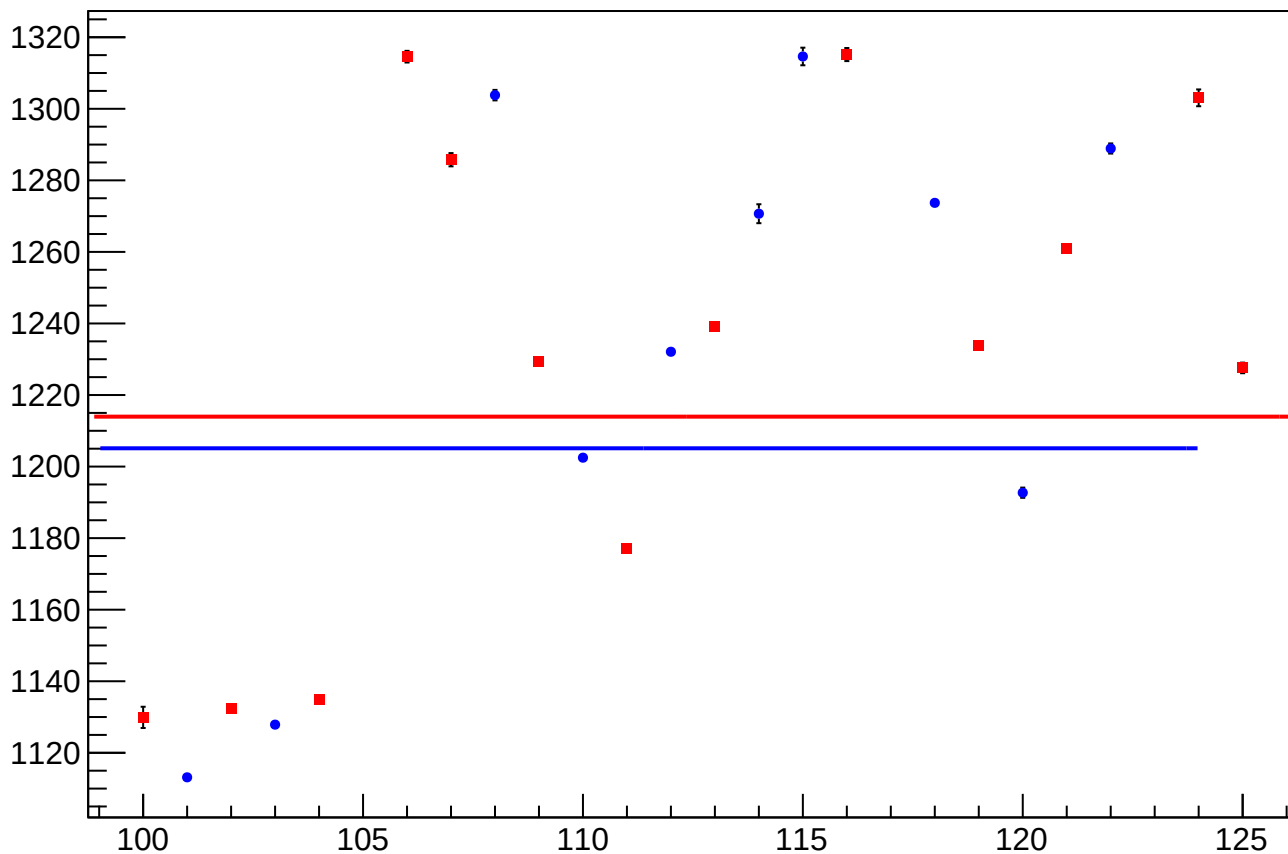
Right: -24.583+/-0.400 χ^2/NDF : 5012.6/22

In: -25.145+/-0.597 χ^2/NDF :2541.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -24.583+/-0.400 χ^2/NDF : 5012.6/22

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: 1213.956+/-0.382 χ^2/NDF : 25484.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

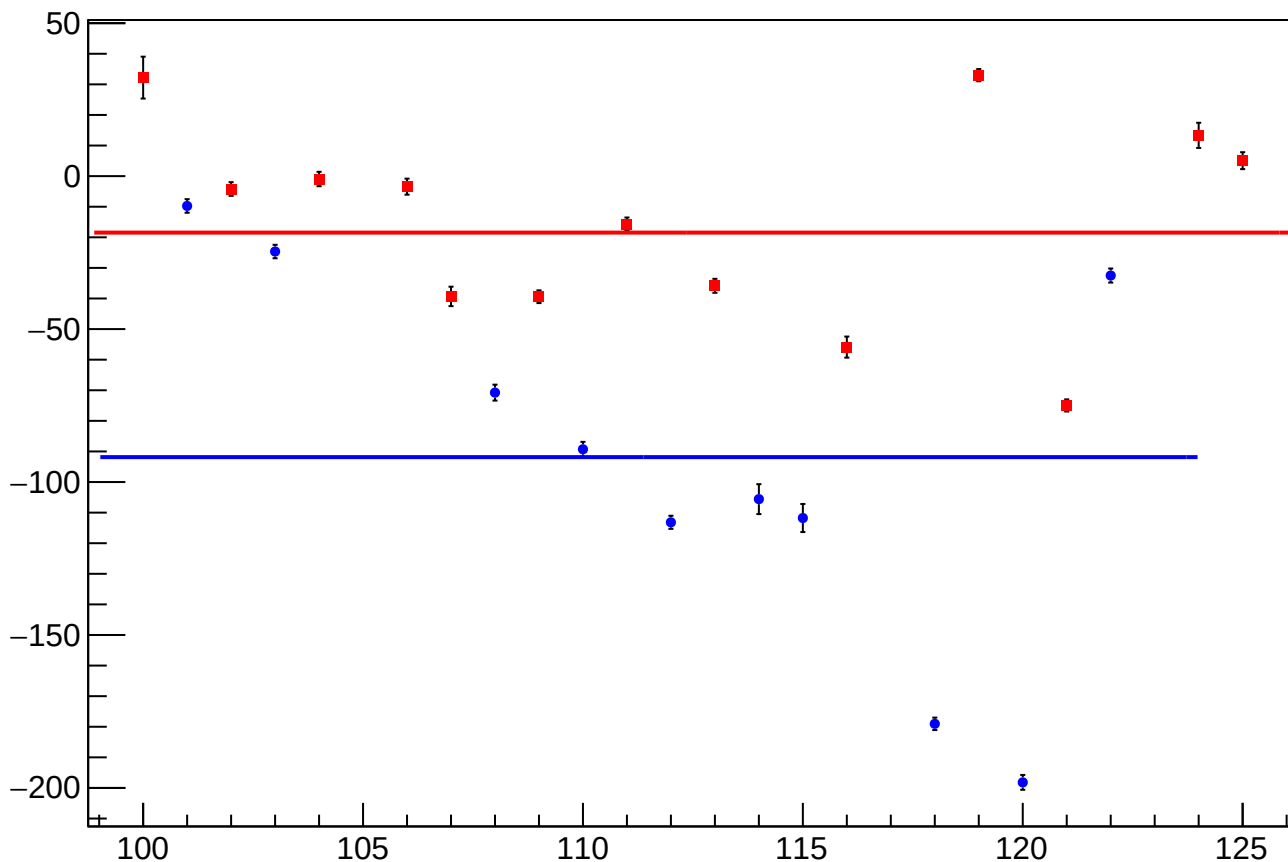
Right: 1209.972+/-0.283 χ^2/NDF : 54693.7/22

In: 1205.113+/-0.422 χ^2/NDF : 28967.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1209.972+/-0.283 χ^2/NDF : 54693.7/22

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: -18.459+/-0.697 χ^2/NDF : 2115.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

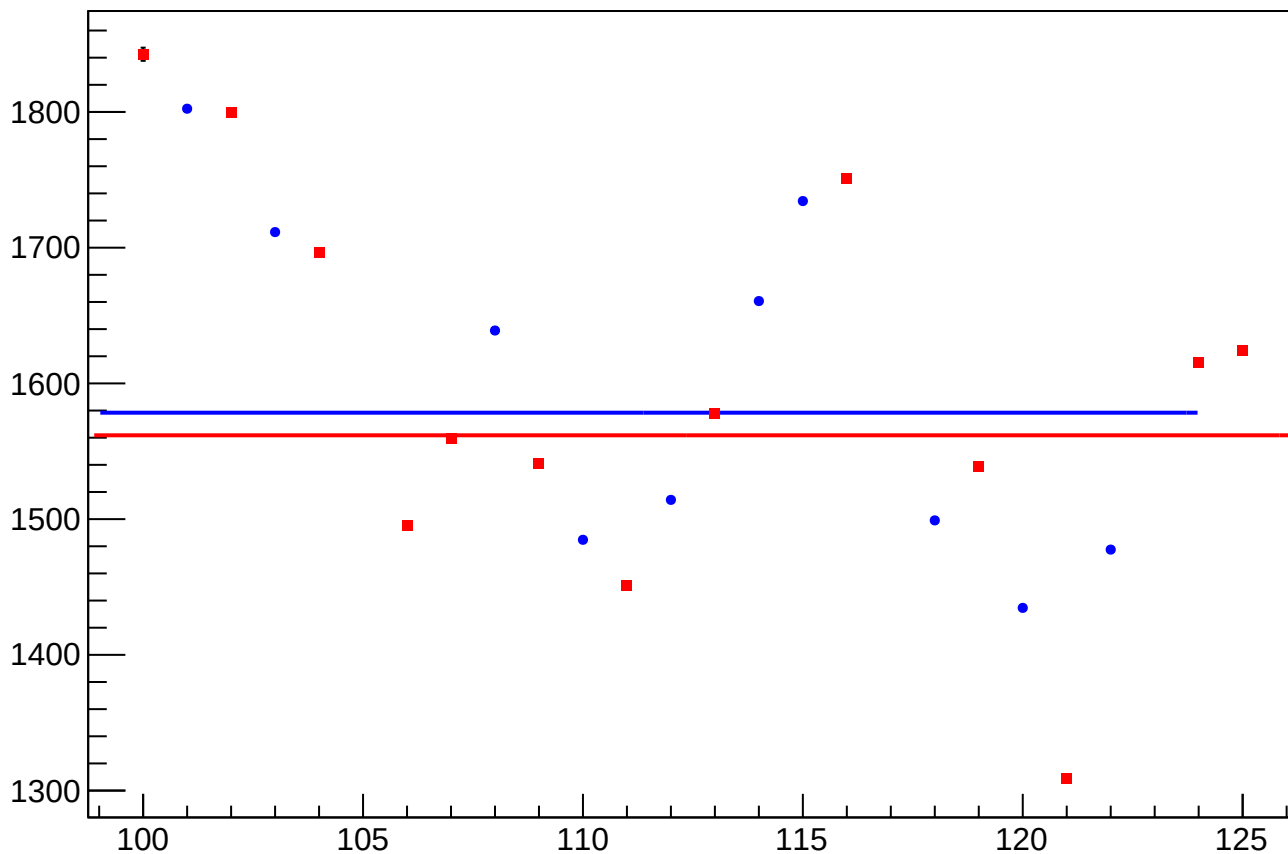
Right: -50.908+/-0.520 χ^2/NDF : 13929.3/22

In: -91.854+/-0.783 χ^2/NDF : 6906.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.908+/-0.520 χ^2/NDF : 13929.3/22

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: 1561.769+/-0.493 χ^2/NDF : 79712.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

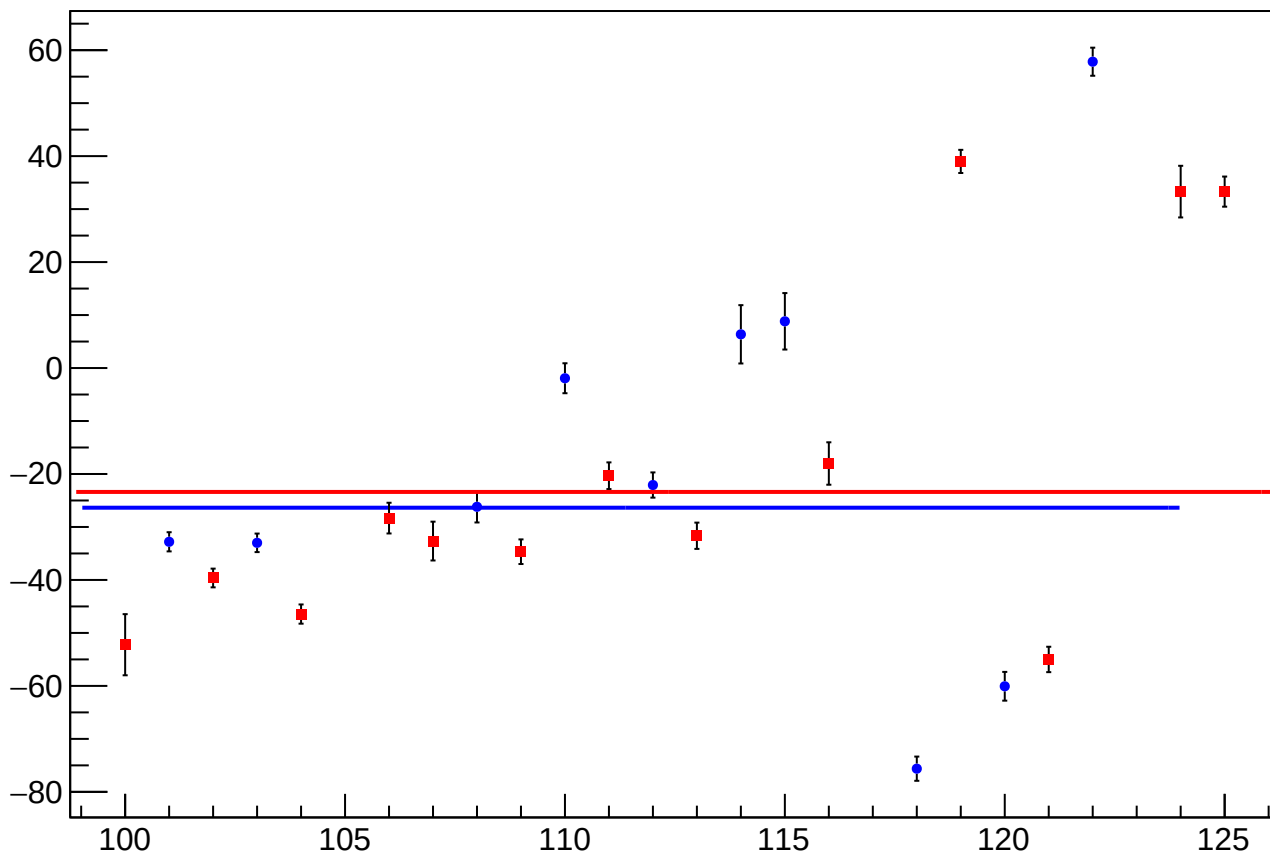
Right: 1569.131+/-0.368 χ^2/NDF : 130486.0/22

In: 1578.421+/-0.553 χ^2/NDF : 50267.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1569.131+/-0.368 χ^2/NDF : 130486.0/22

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: -23.387 $\pm$ 0.713 χ^2 /NDF: 1841.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

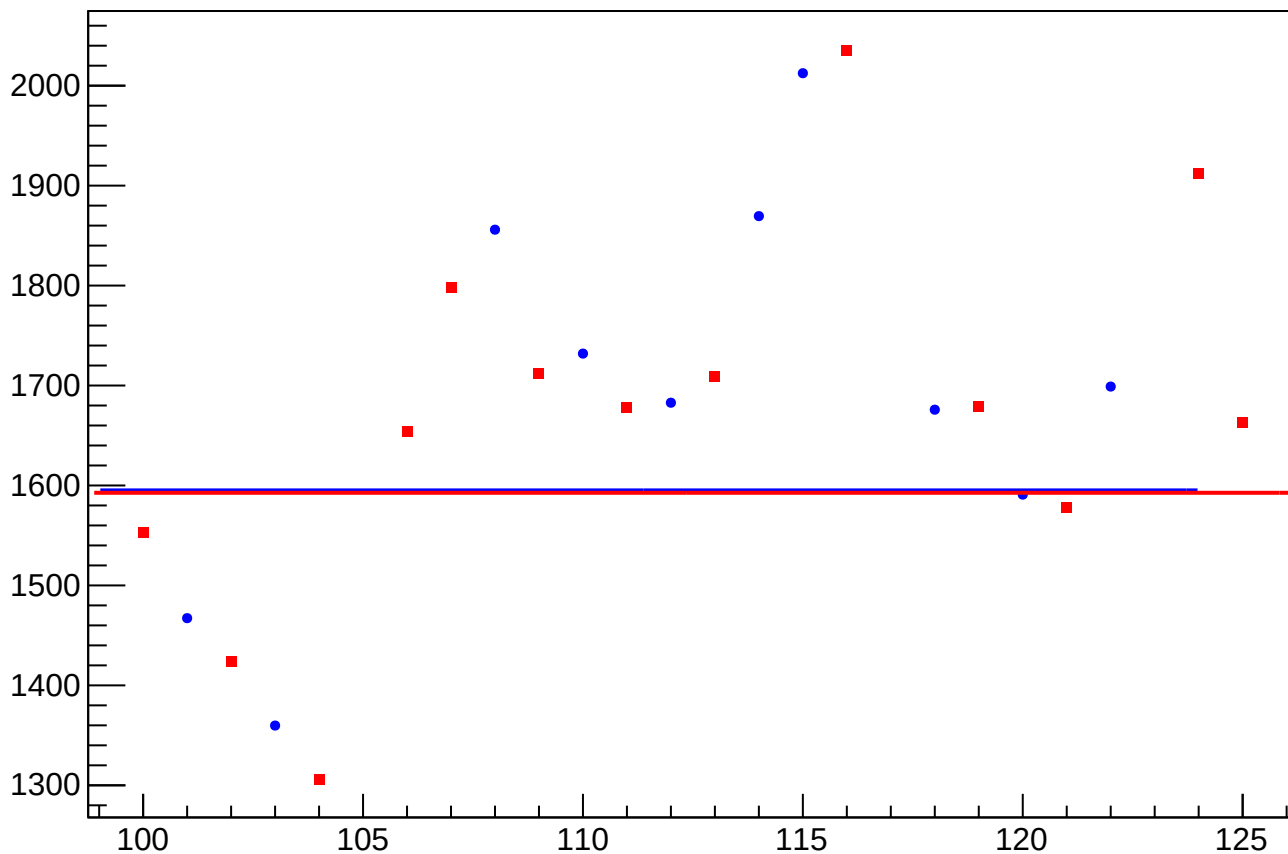
Right: -24.716 $\pm$ 0.531 χ^2 /NDF: 3660.4/22

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: -24.716 $\pm$ 0.531 χ^2 /NDF: 3660.4/22

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: 1592.685+/-0.504 χ^2/NDF : 124946.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

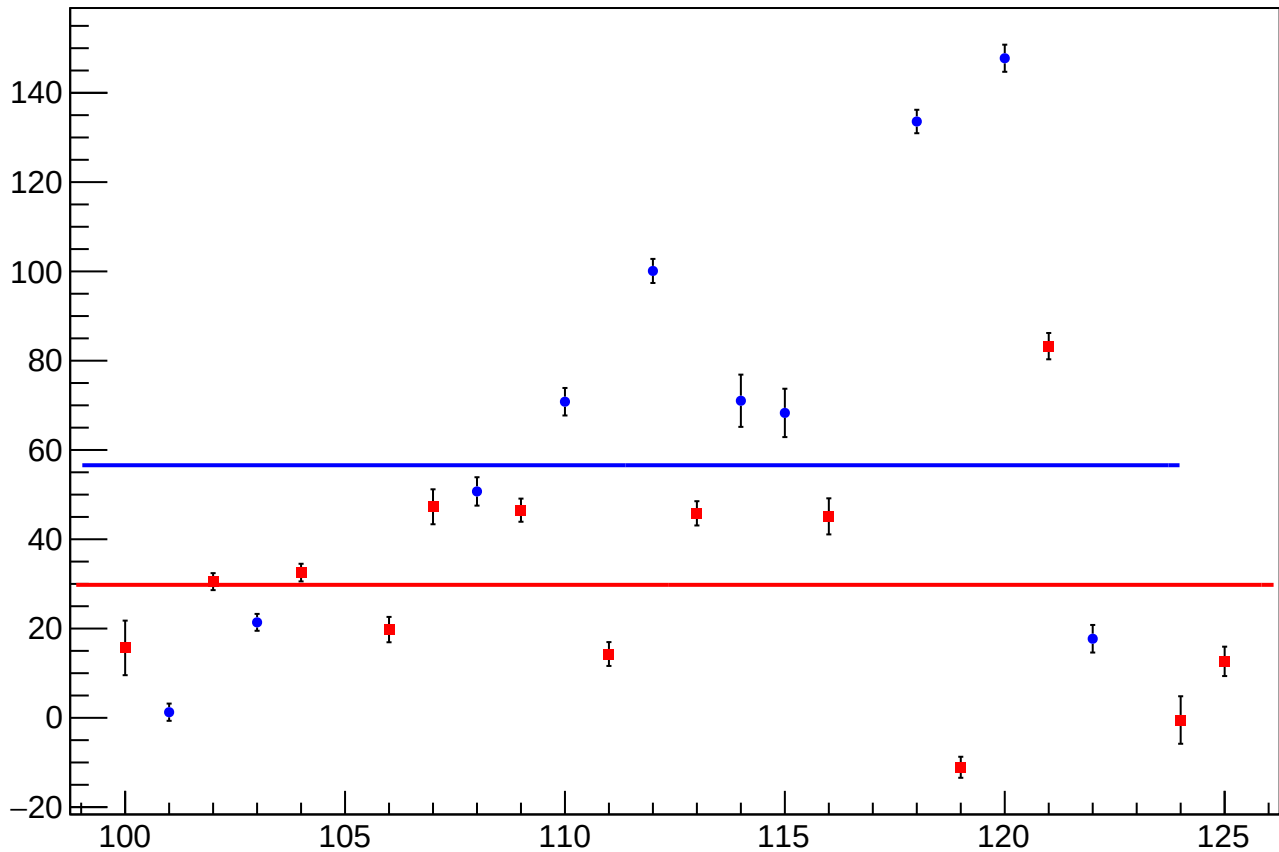
Right: 1593.742+/-0.375 χ^2/NDF : 216923.6/22

In: 1595.053+/-0.561 χ^2/NDF : 91967.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1593.742+/-0.375 χ^2/NDF : 216923.6/22

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: 29.791+/-0.777 χ^2/NDF : 854.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

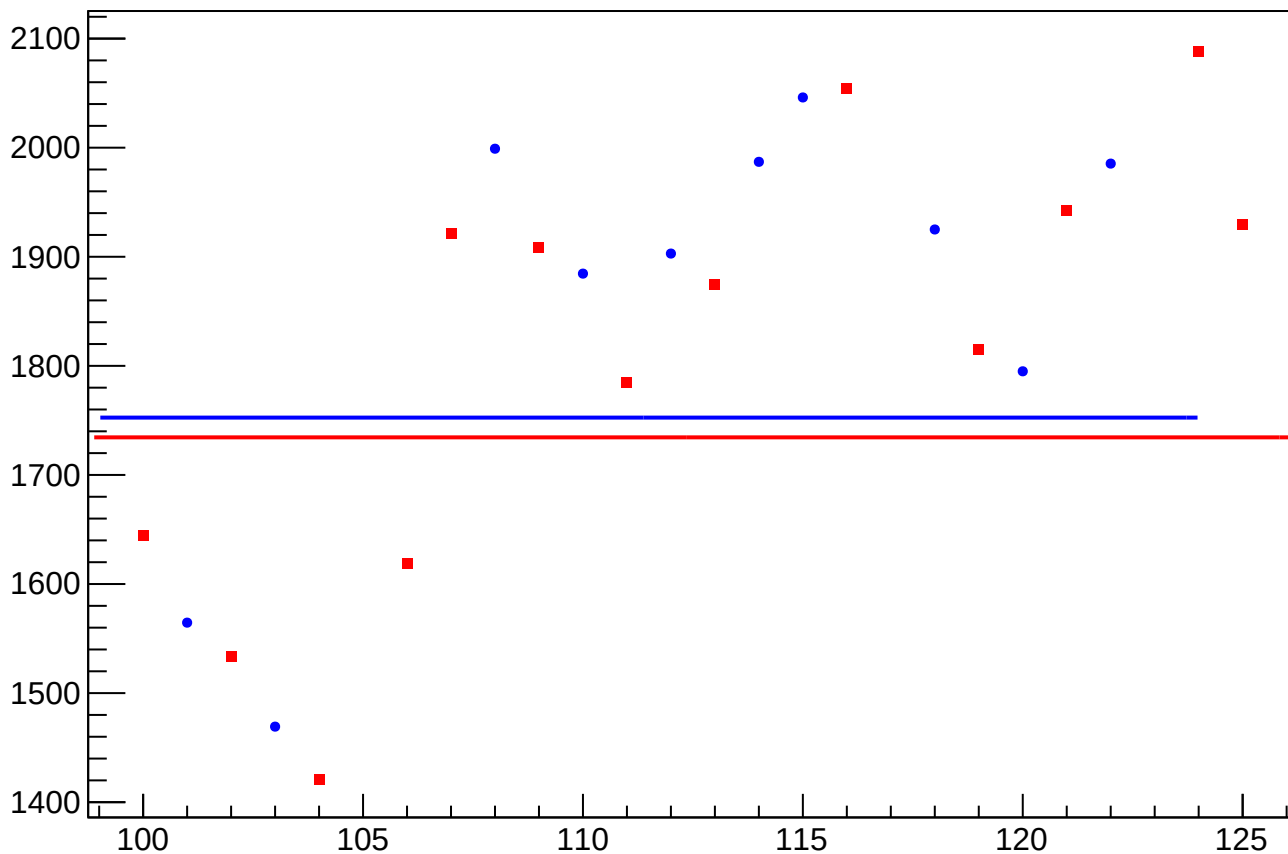
Right: 41.624+/-0.580 χ^2/NDF : 4762.0/22

In: 56.581+/-0.873 χ^2/NDF : 3382.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.624+/-0.580 χ^2/NDF : 4762.0/22

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: 1734.449+/-0.549 χ^2/NDF : 136898.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

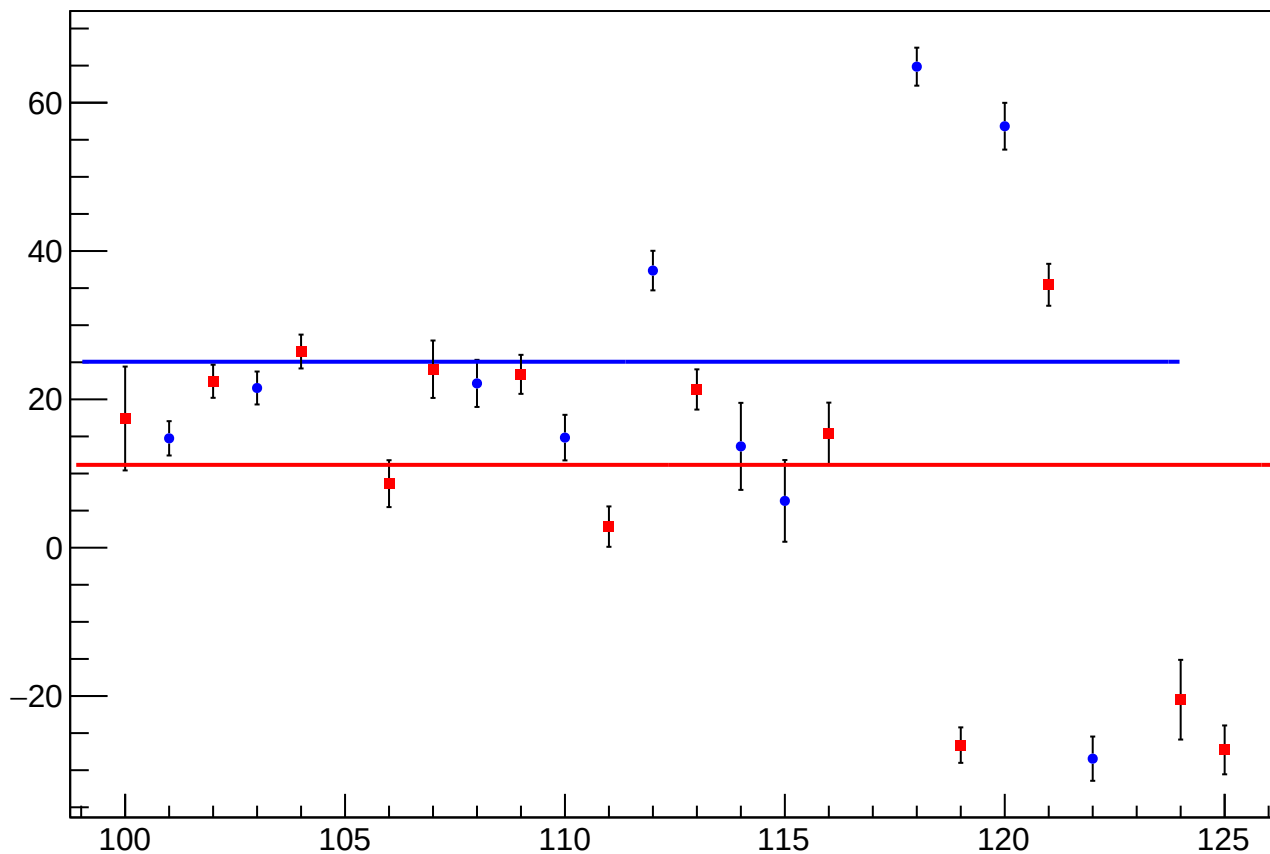
Right: 1742.450+/-0.410 χ^2/NDF : 252628.1/22

In: 1752.564+/-0.617 χ^2/NDF : 115249.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1742.450+/-0.410 χ^2/NDF : 252628.1/22

diff_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: 25.072 $\pm$ 0.927 χ^2 /NDF: 735.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.168 $\pm$ 0.822 χ^2 /NDF: 623.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

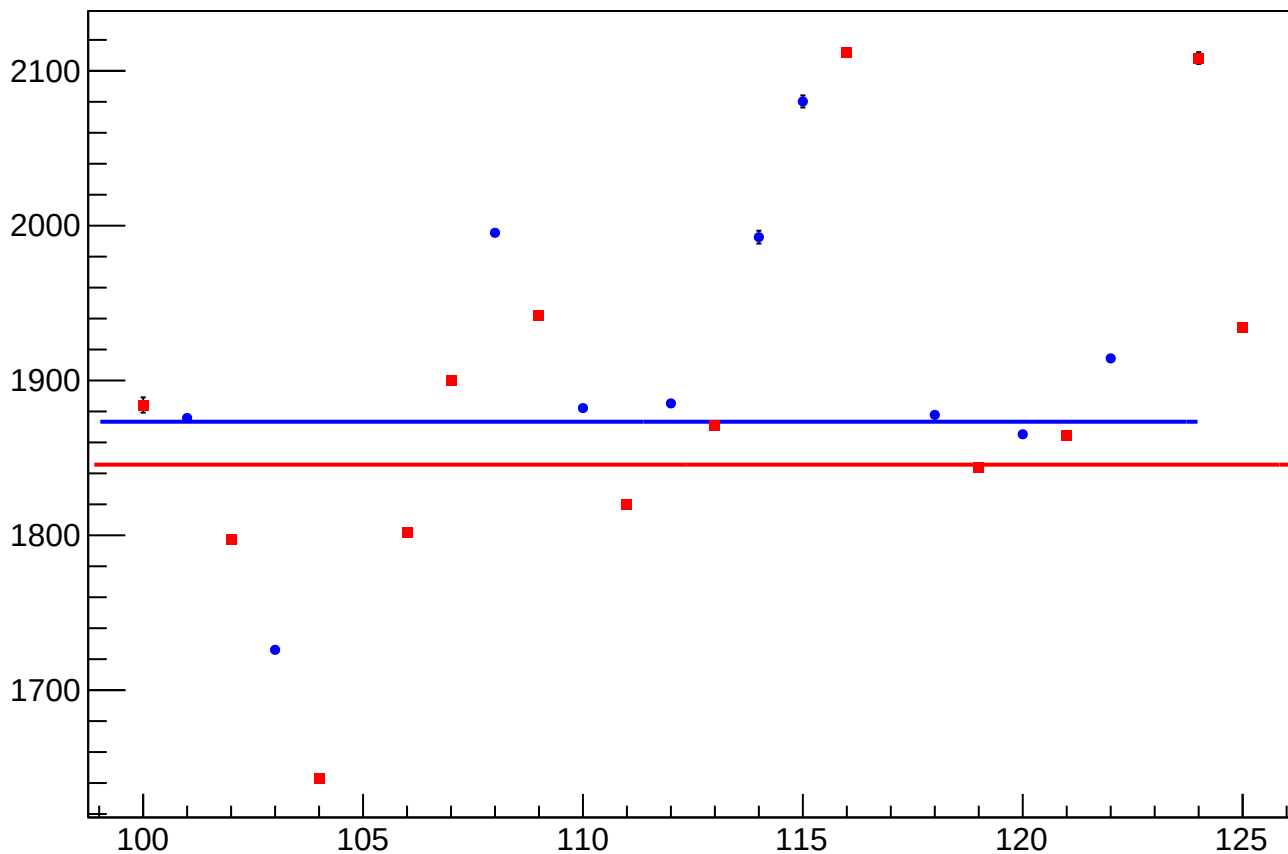
Right: 17.284 $\pm$ 0.615 χ^2 /NDF: 1484.3/22

In: 25.072 $\pm$ 0.927 χ^2 /NDF:735.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 17.284 $\pm$ 0.615 χ^2 /NDF: 1484.3/22

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: 1845.634+/-0.581 χ^2/NDF : 35133.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

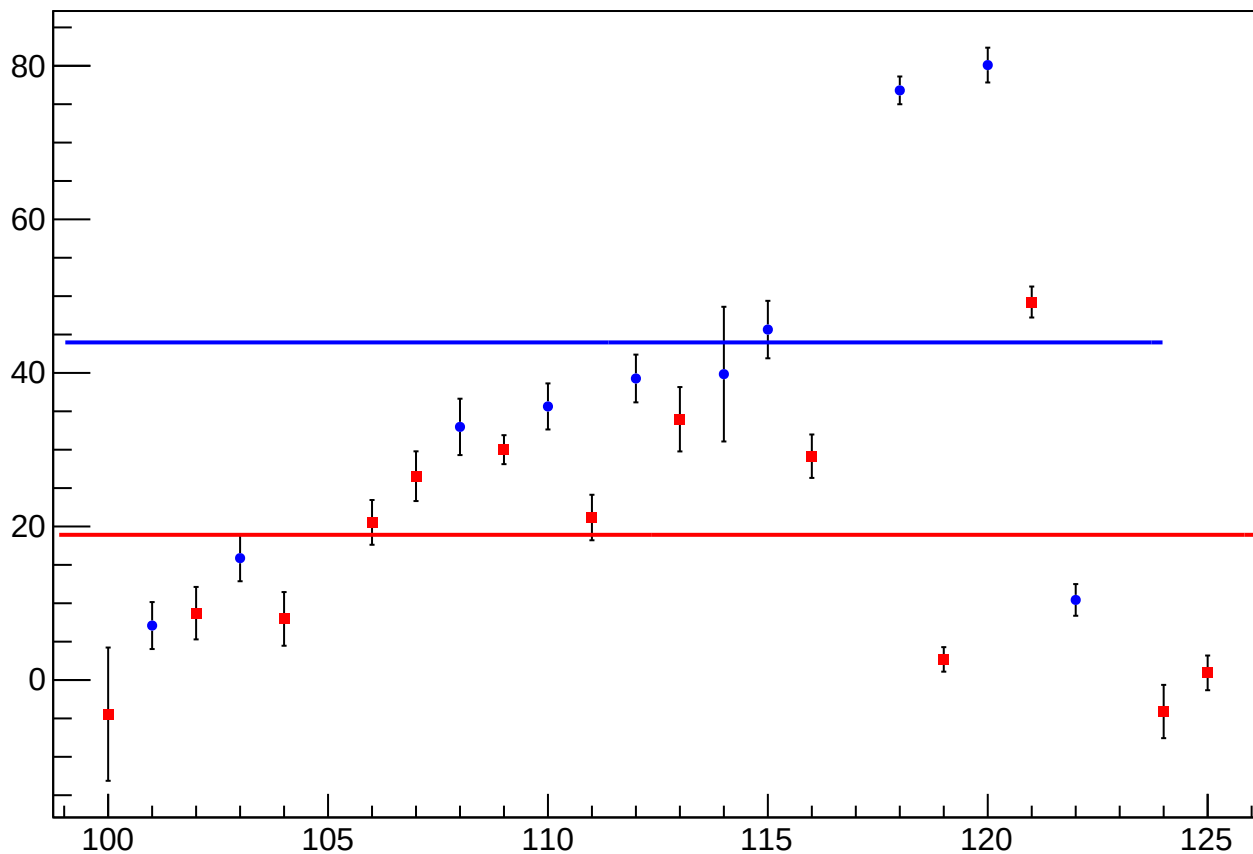
Right: 1857.835+/-0.435 χ^2/NDF : 51995.6/22

In: 1873.371+/-0.656 χ^2/NDF : 15859.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1857.835+/-0.435 χ^2/NDF : 51995.6/22

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: 18.914+/-0.728 χ^2/NDF : 529.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

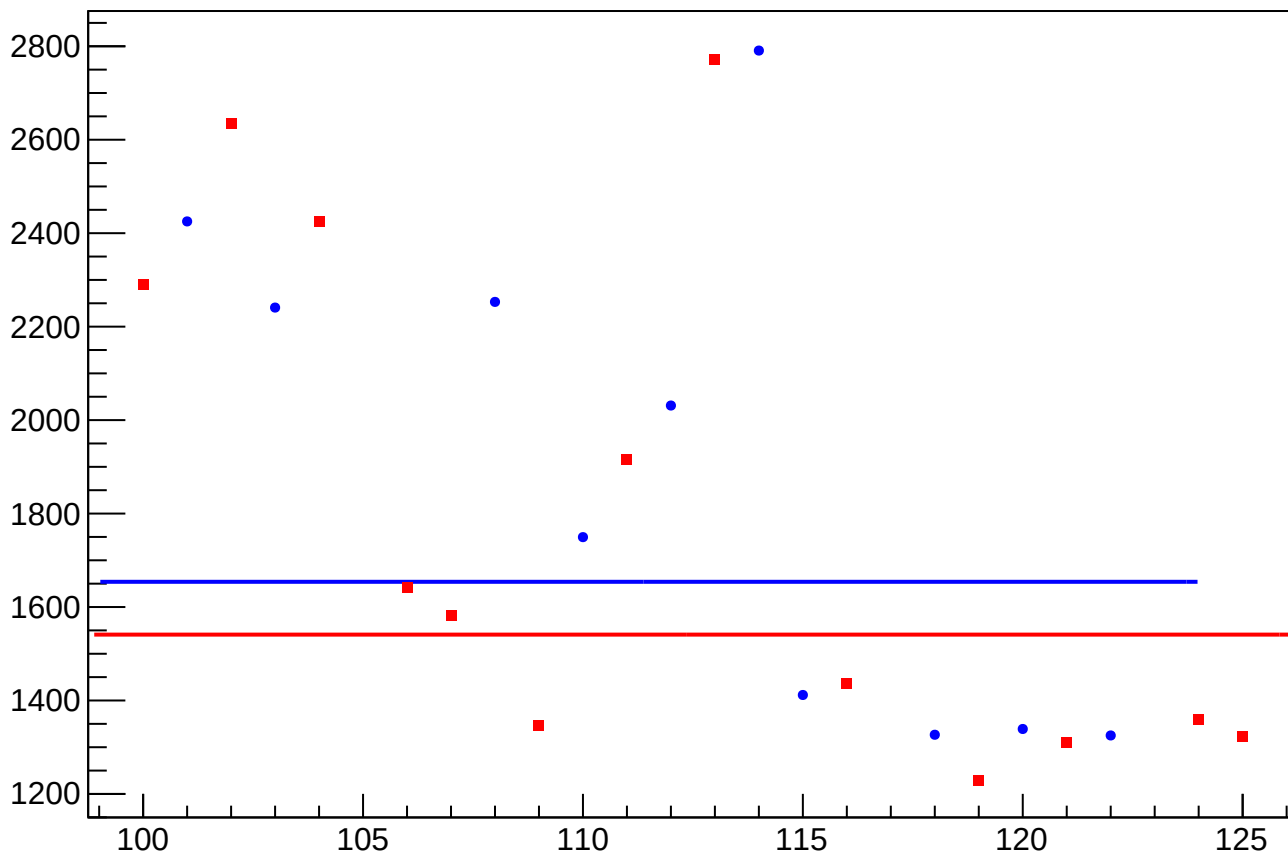
Right: 29.255+/-0.558 χ^2/NDF : 2118.3/22

In: 43.973+/-0.868 χ^2/NDF : 1099.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.255+/-0.558 χ^2/NDF : 2118.3/22

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: 1540.969+/-0.515 χ^2/NDF : 705693.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

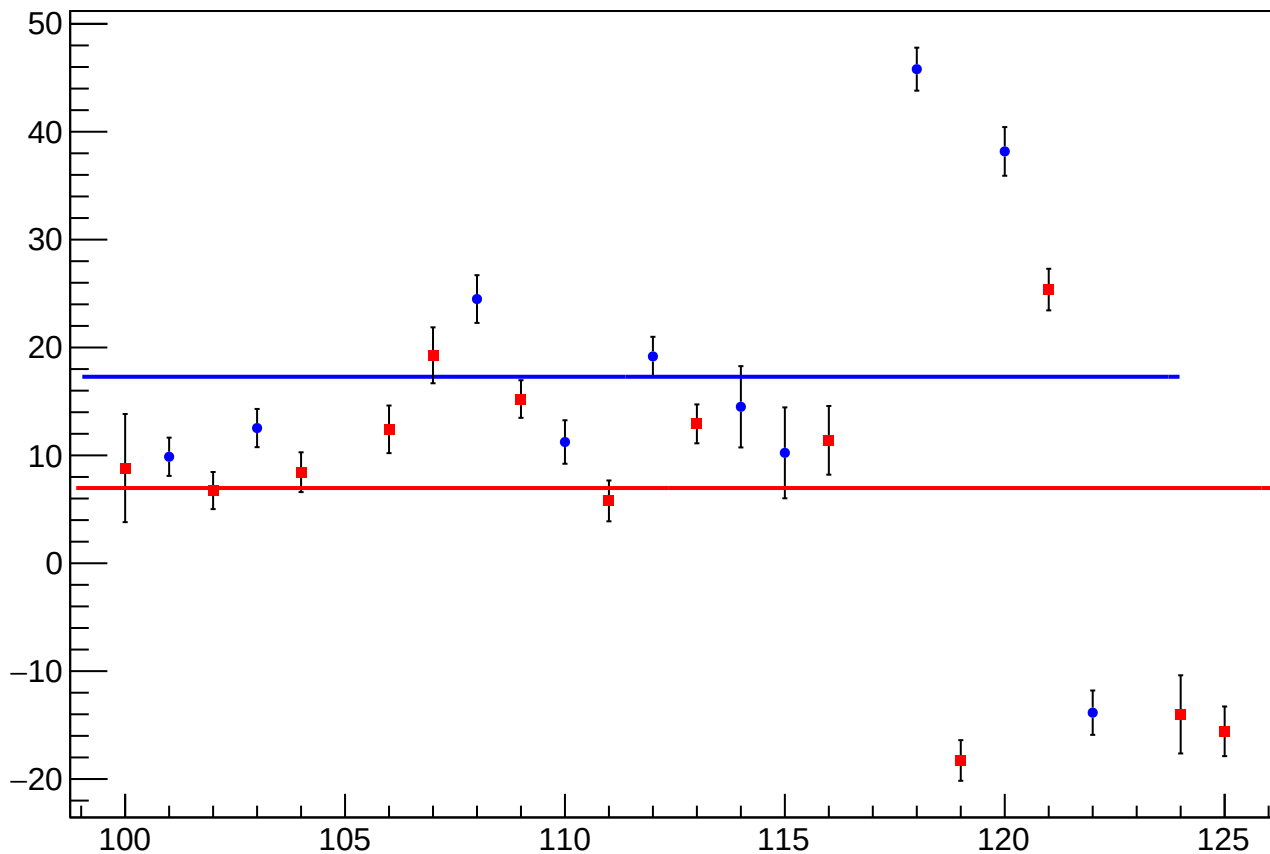
Right: 1587.608+/-0.394 χ^2/NDF : 1210373.8/22

In: 1653.988+/-0.614 χ^2/NDF : 484784.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1587.608+/-0.394 χ^2/NDF : 1210373.8/22

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: 6.973+/-0.592 χ^2/NDF : 465.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

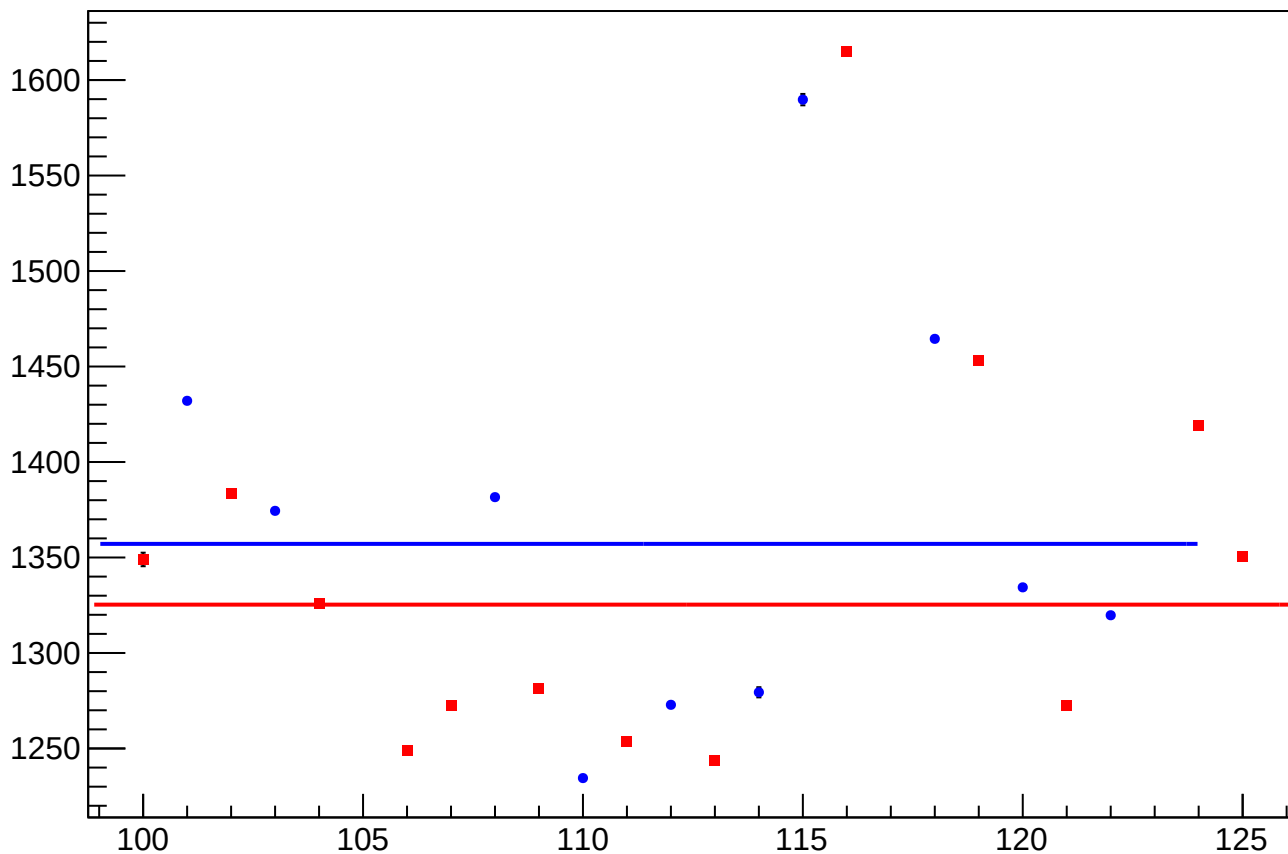
Right: 11.462+/-0.445 χ^2/NDF : 1166.3/22

In: 17.287+/-0.674 χ^2/NDF : 568.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.462+/-0.445 χ^2/NDF : 1166.3/22

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: 1325.316+/-0.418 χ^2/NDF : 42639.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

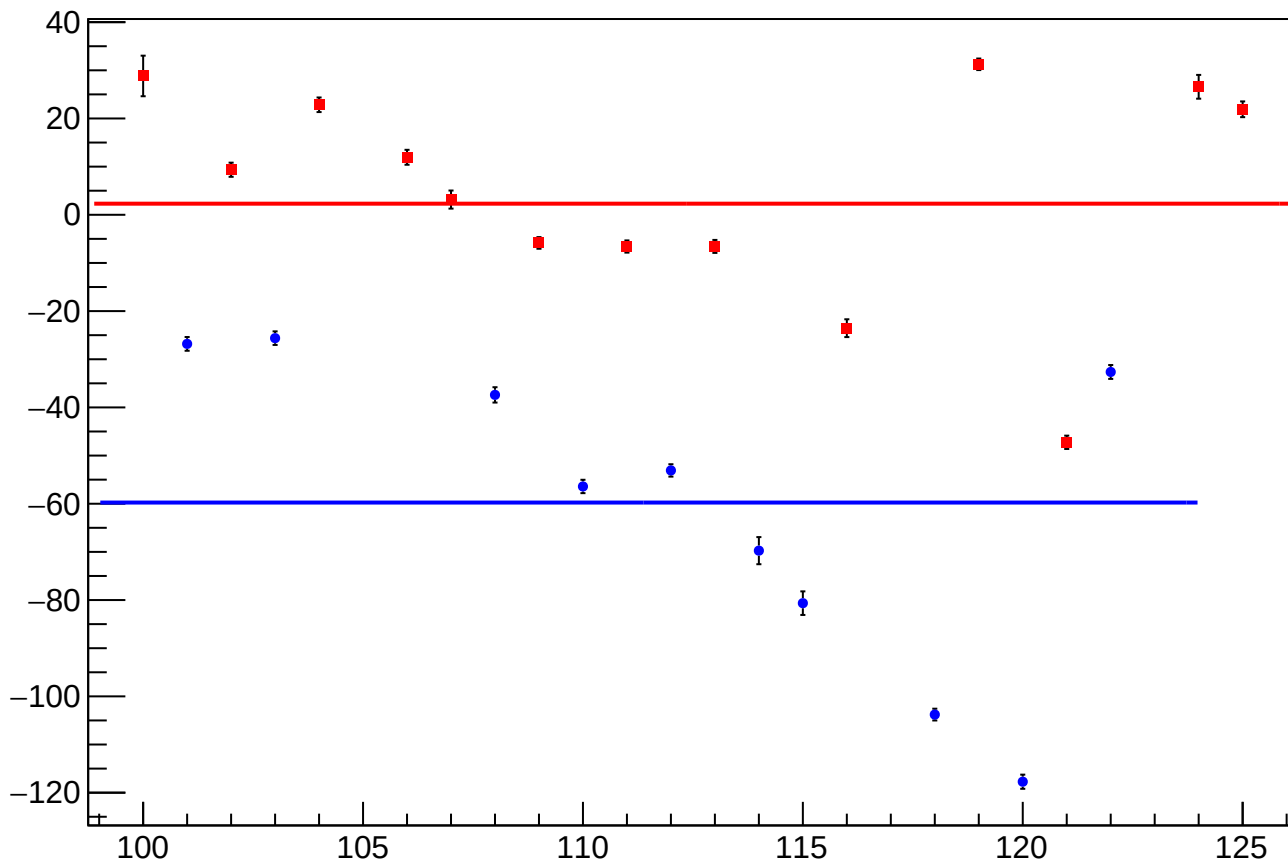
Right: 1339.161+/-0.314 χ^2/NDF : 74478.7/22

In: 1357.129+/-0.477 χ^2/NDF : 29322.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1339.161+/-0.314 χ^2/NDF : 74478.7/22

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: 2.307+/-0.424 χ^2/NDF : 2725.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

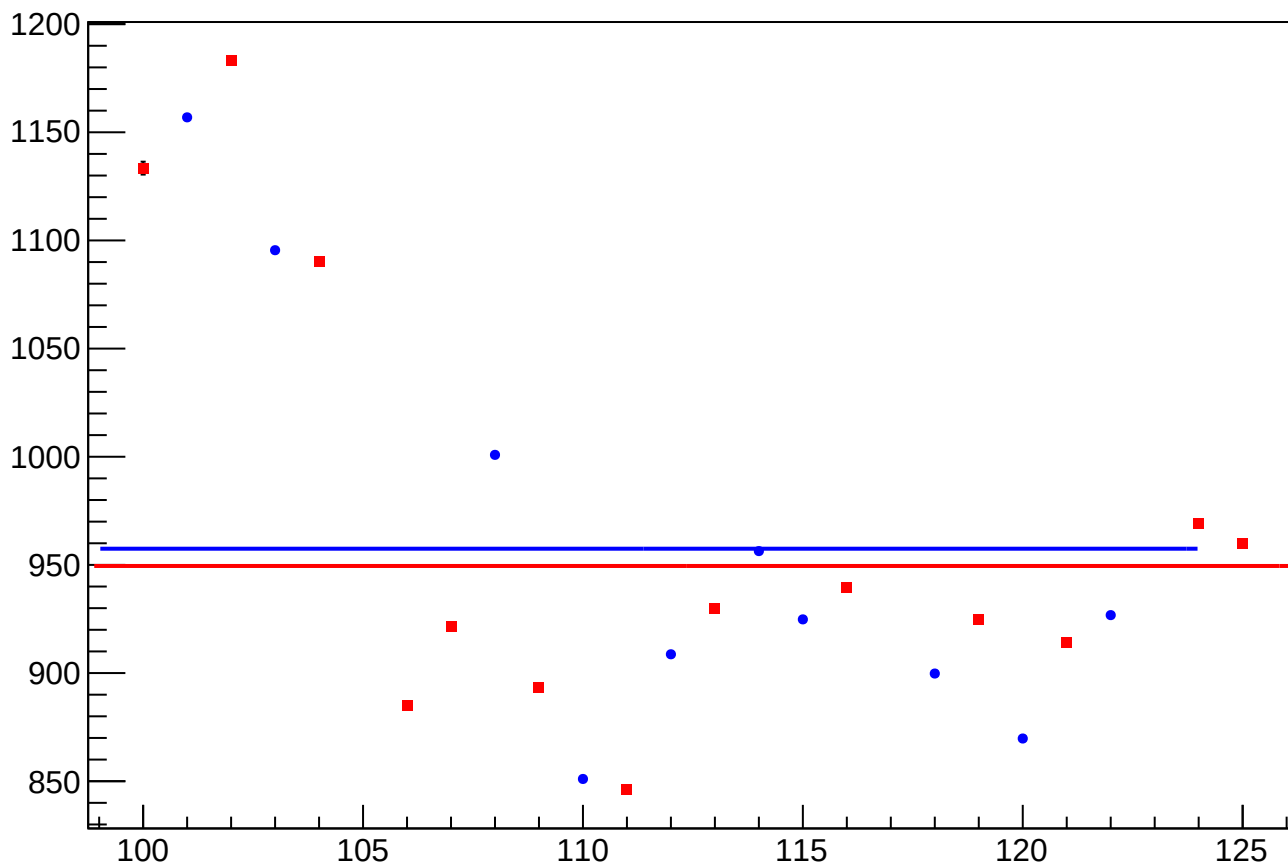
Right: -25.155+/-0.317 χ^2/NDF : 16846.9/22

In: -59.755+/-0.476 χ^2/NDF :4636.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -25.155+/-0.317 χ^2/NDF : 16846.9/22

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: 949.505+/-0.300 χ^2/NDF : 96066.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

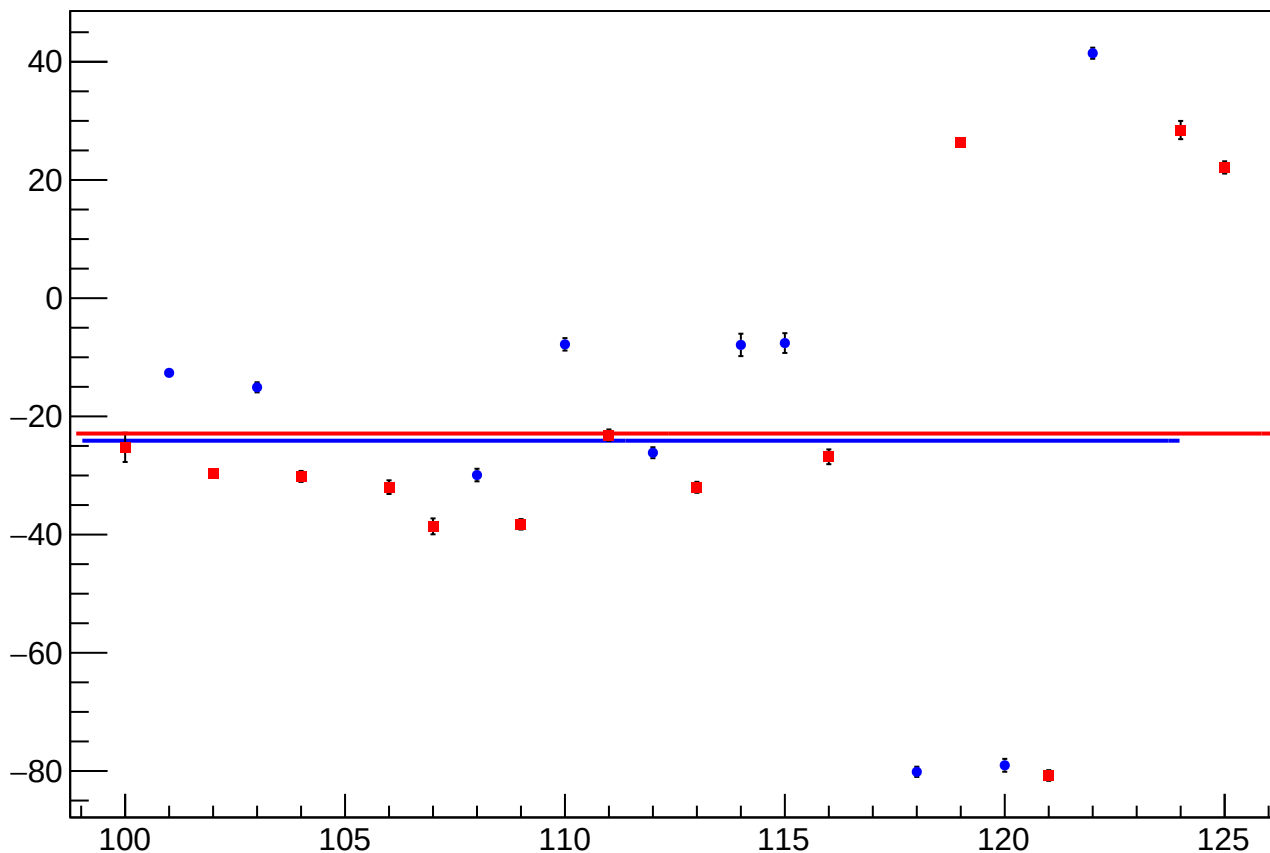
Right: 953.037+/-0.224 χ^2/NDF : 183518.2/22

In: 957.487+/-0.336 χ^2/NDF : 87138.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 953.037+/-0.224 χ^2/NDF : 183518.2/22

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: -22.902+/-0.285 χ^2/NDF : 11539.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

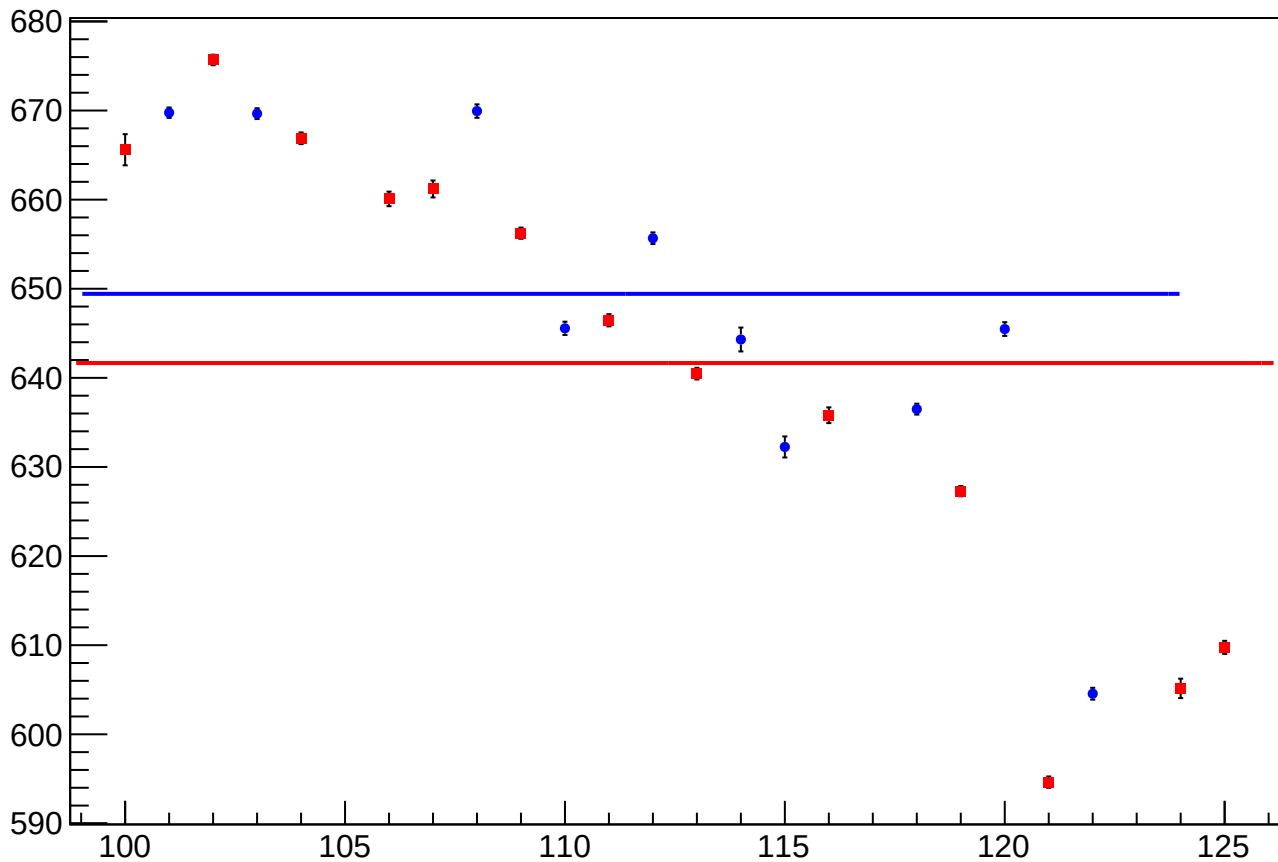
Right: -23.437+/-0.213 χ^2/NDF : 23883.6/22

In: -24.114+/-0.321 χ^2/NDF : 12336.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.437+/-0.213 χ^2/NDF : 23883.6/22

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: 641.667+/-0.202 χ^2/NDF : 15632.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

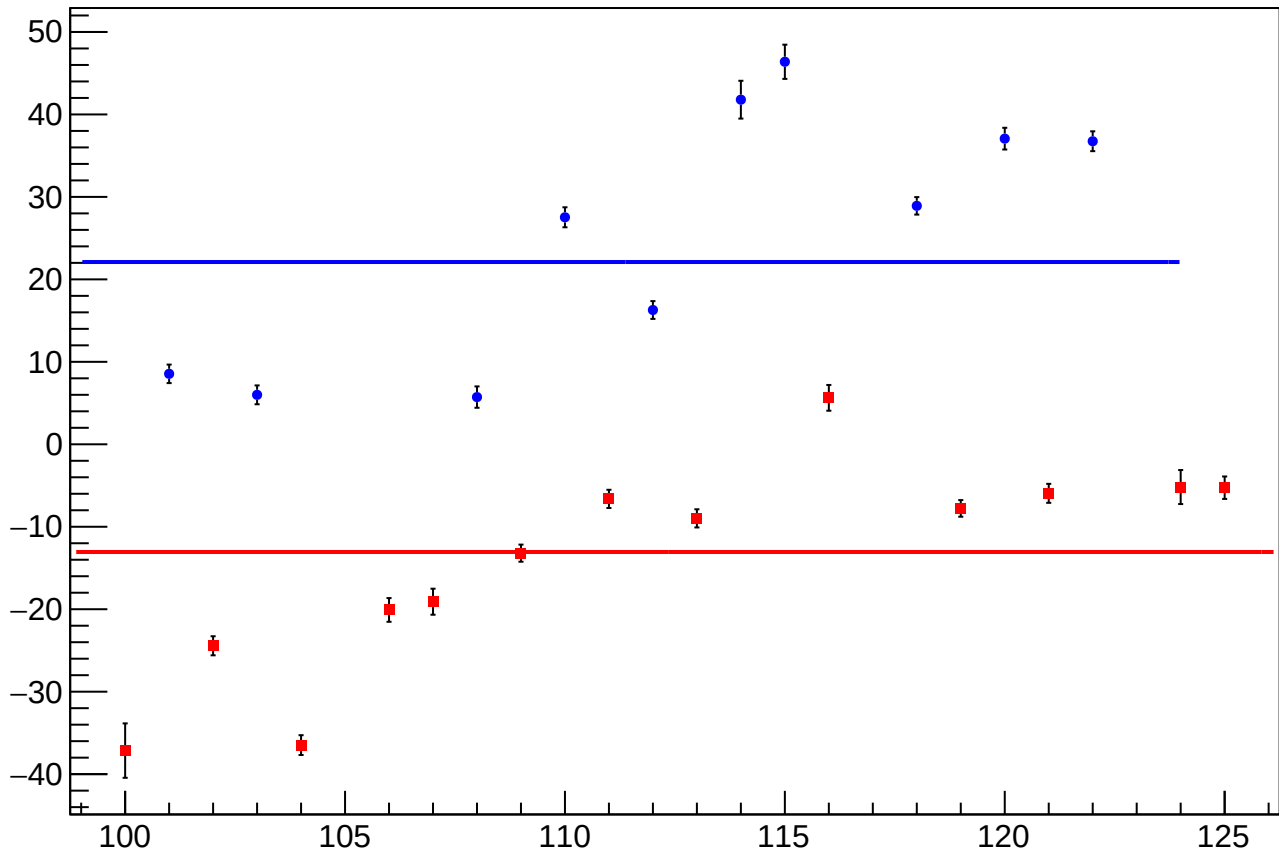
Right: 645.091+/-0.151 χ^2/NDF : 24718.8/22

In: 649.428+/-0.227 χ^2/NDF : 8432.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 645.091+/-0.151 χ^2/NDF : 24718.8/22

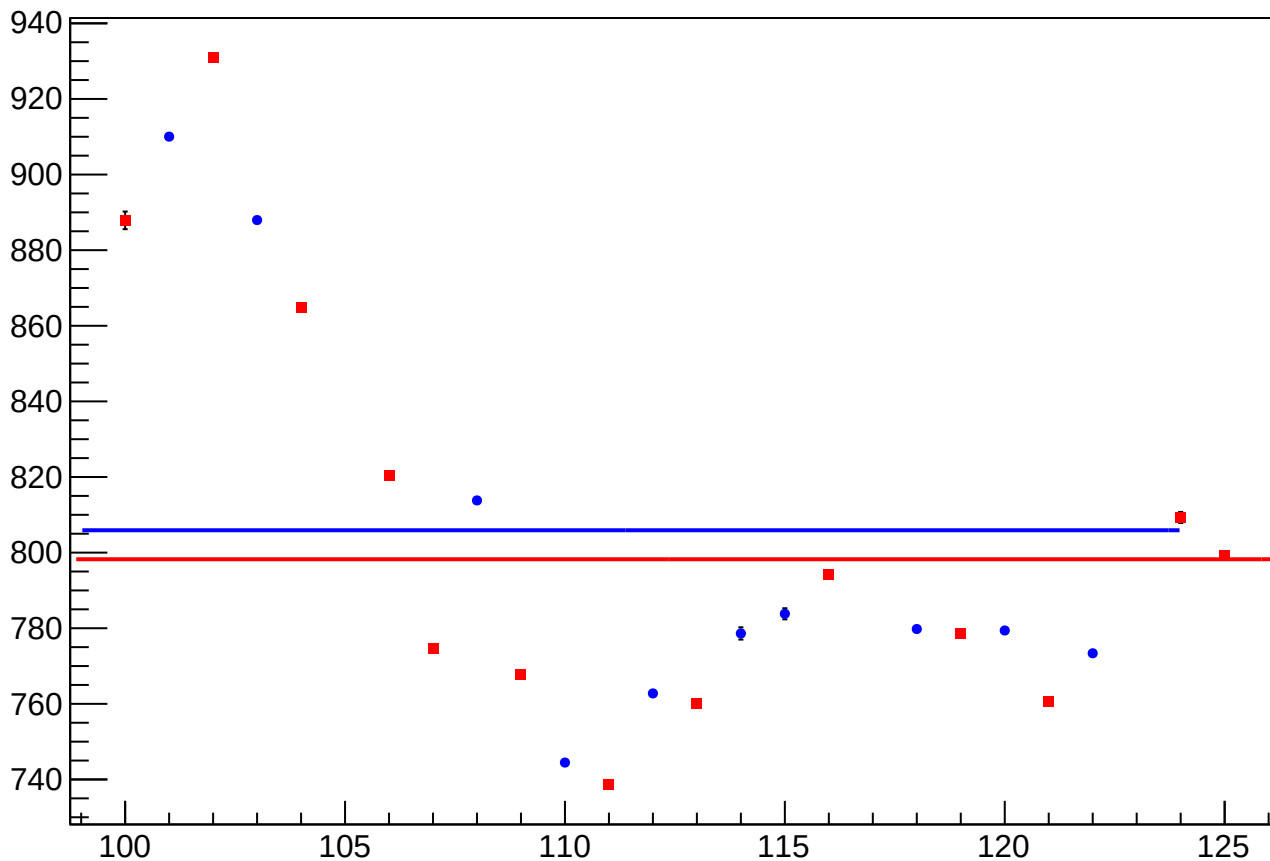
diff_bpm1i04X_mean vs Slug, Sign Corrected



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: -13.059+/-0.355 χ^2/NDF : 872.8/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 2.491+/-0.265 χ^2/NDF : 6283.1/22
 In: 22.104+/-0.399 χ^2/NDF : 1083.0/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 2.491+/-0.265 χ^2/NDF : 6283.1/22

diff_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 805.912 $\pm$ 0.282 χ^2 /NDF: 39918.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 798.244 $\pm$ 0.251 χ^2 /NDF: 47827.1/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

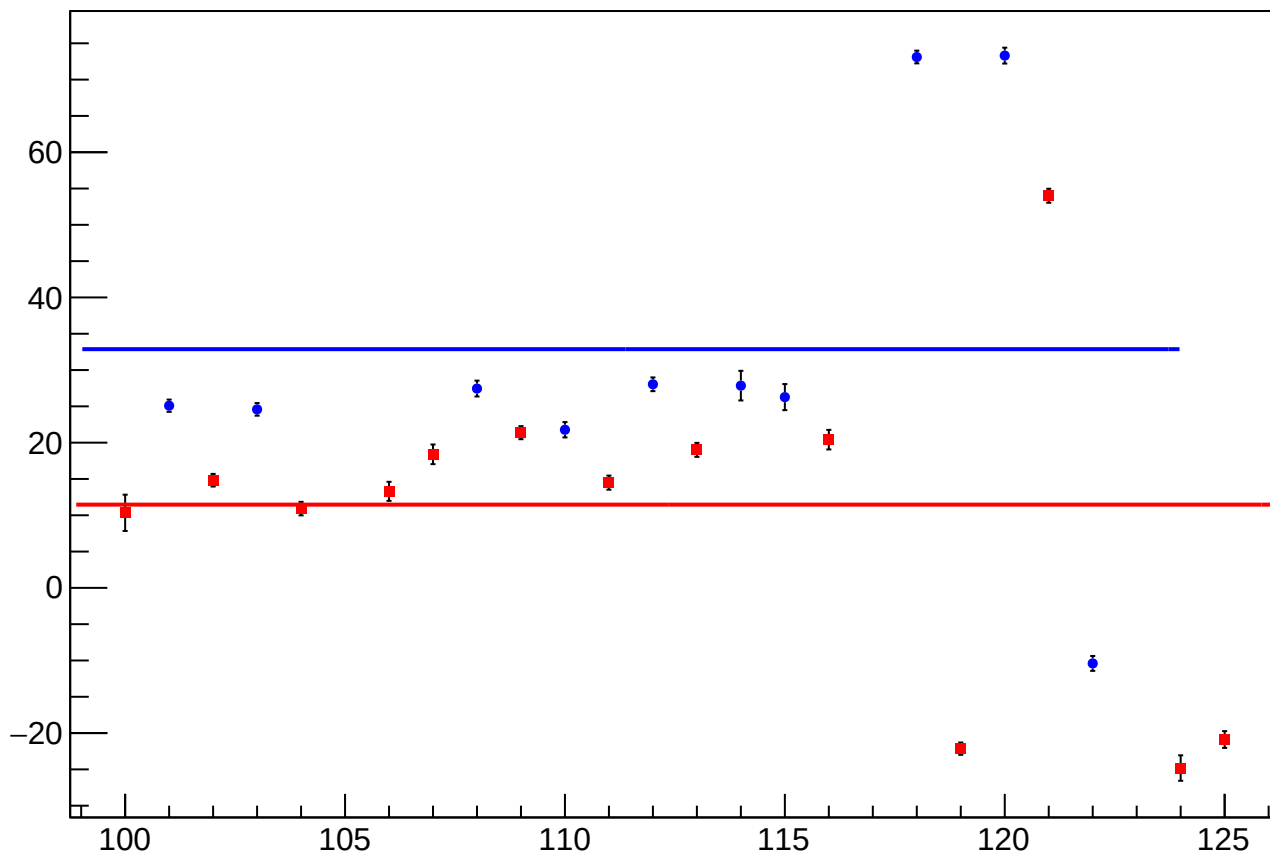
Right: 801.635 $\pm$ 0.188 χ^2 /NDF: 88156.9/22

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: 801.635 $\pm$ 0.188 χ^2 /NDF: 88156.9/22

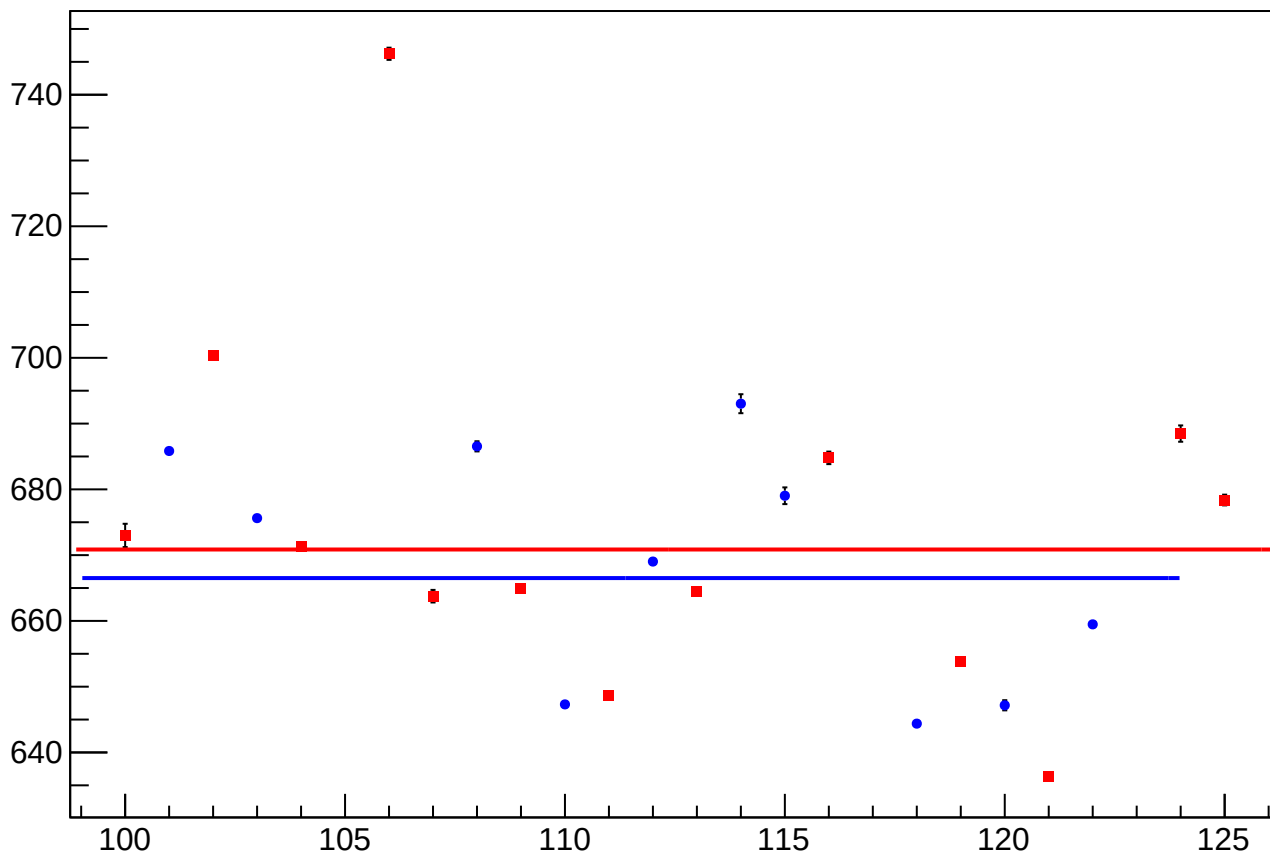
diff_bpm1i04Y_mean vs Slug, Sign Corrected



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: 11.464+/-0.298 χ^2 /NDF: 5018.0/12
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 21.110+/-0.221 χ^2 /NDF: 12951.4/22
 In: 32.875+/-0.329 χ^2 /NDF:5612.0/9
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: 21.110+/-0.221 χ^2 /NDF: 12951.4/22

diff_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 666.512+/-0.233 χ^2/NDF : 5042.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 670.857+/-0.211 χ^2/NDF : 14061.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

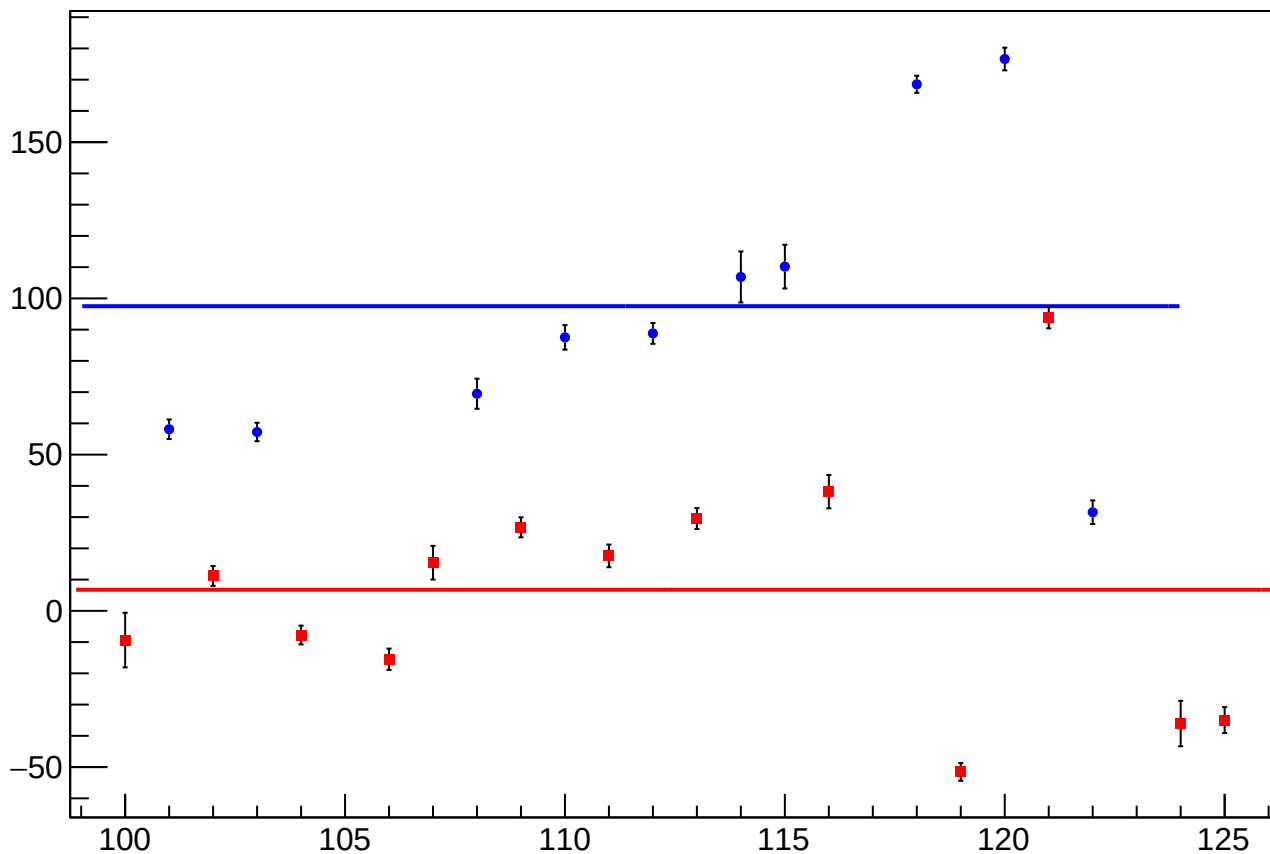
Right: 668.900+/-0.156 χ^2/NDF : 19295.2/22

In: 666.512+/-0.233 χ^2/NDF : 5042.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 668.900+/-0.156 χ^2/NDF : 19295.2/22

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: 6.752+/-1.038 χ^2/NDF : 1407.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

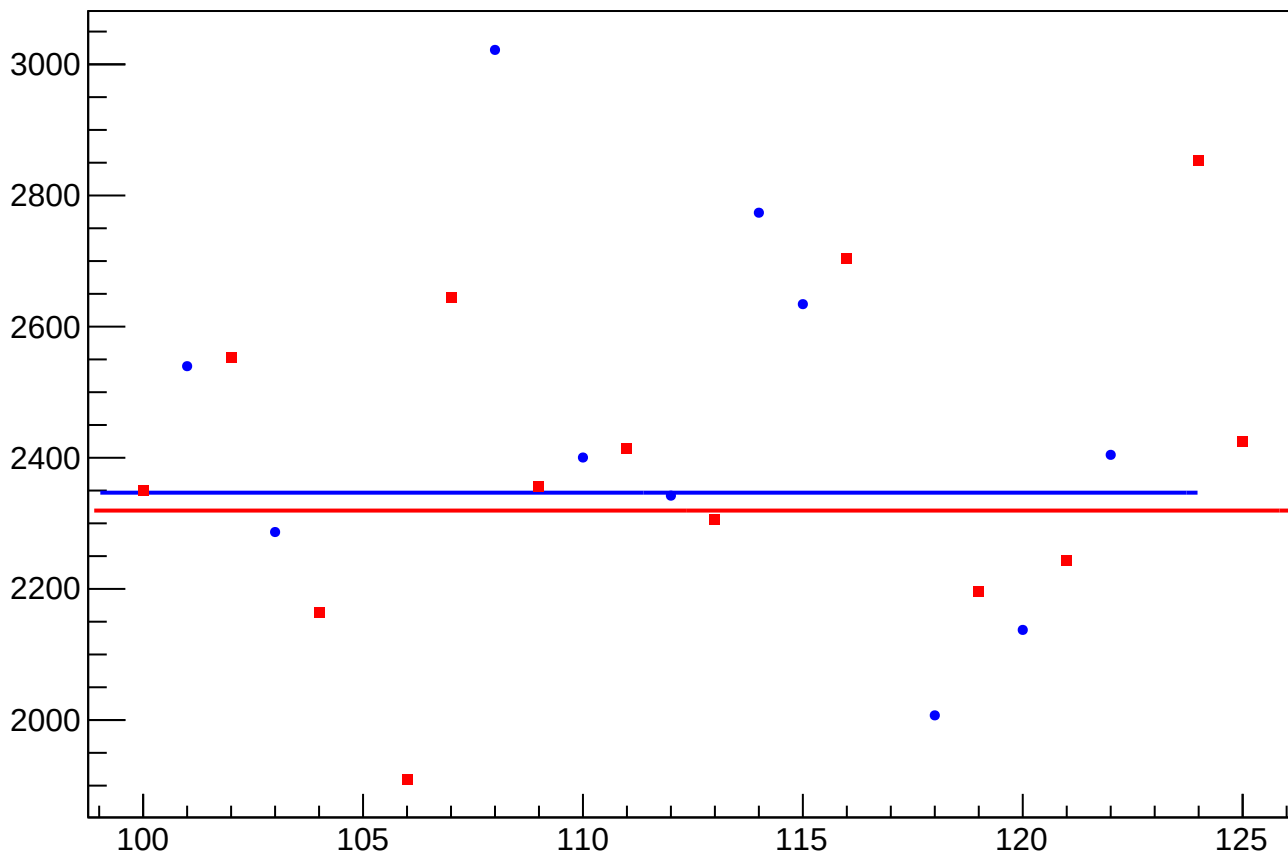
Right: 46.740+/-0.777 χ^2/NDF : 6625.1/22

In: 97.506+/-1.170 χ^2/NDF : 1852.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.740+/-0.777 χ^2/NDF : 6625.1/22

diff_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 2346.776+/-0.827 χ^2/NDF : 94962.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2319.483+/-0.734 χ^2/NDF : 81486.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

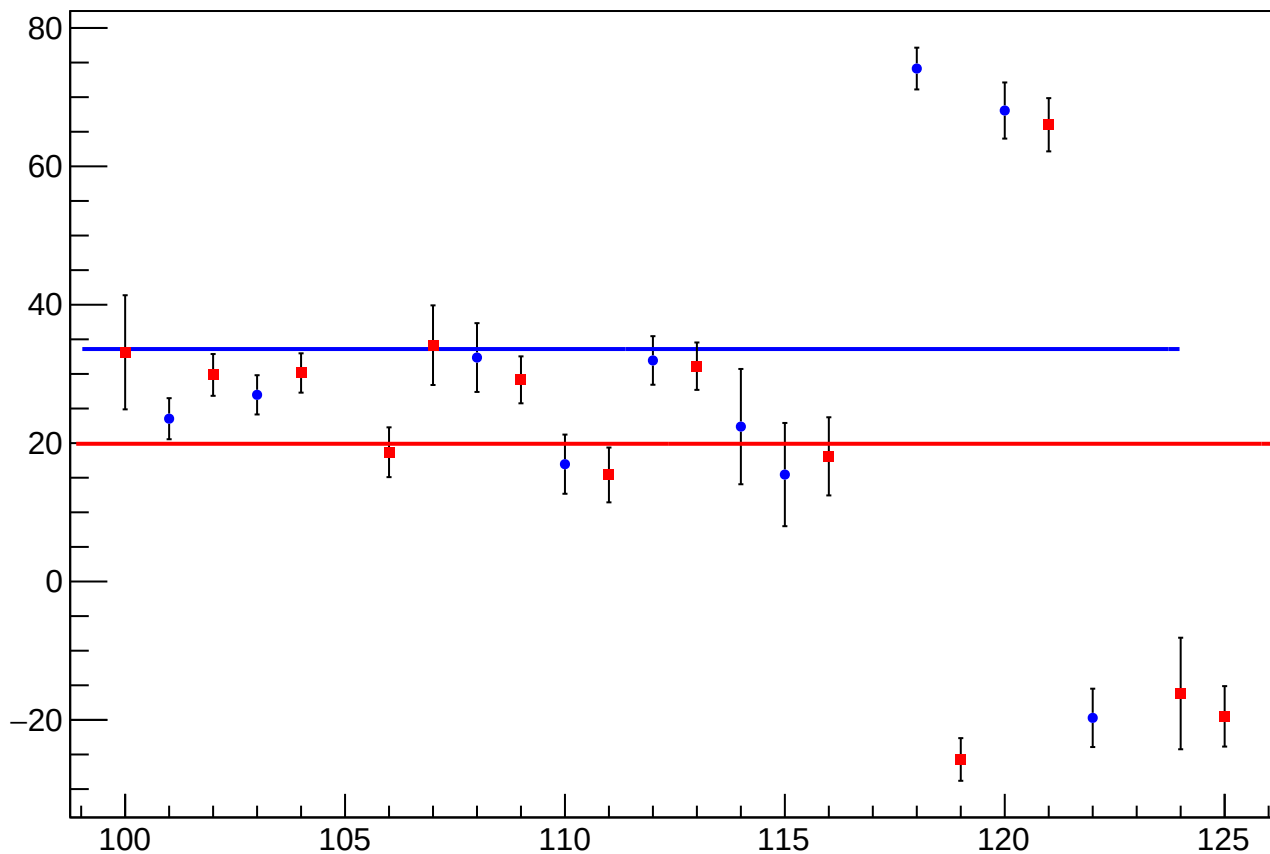
Right: 2331.509+/-0.549 χ^2/NDF : 177057.4/22

In: 2346.776+/-0.827 χ^2/NDF : 94962.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2331.509+/-0.549 χ^2/NDF : 177057.4/22

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: 19.905+/-1.076 χ^2/NDF : 516.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

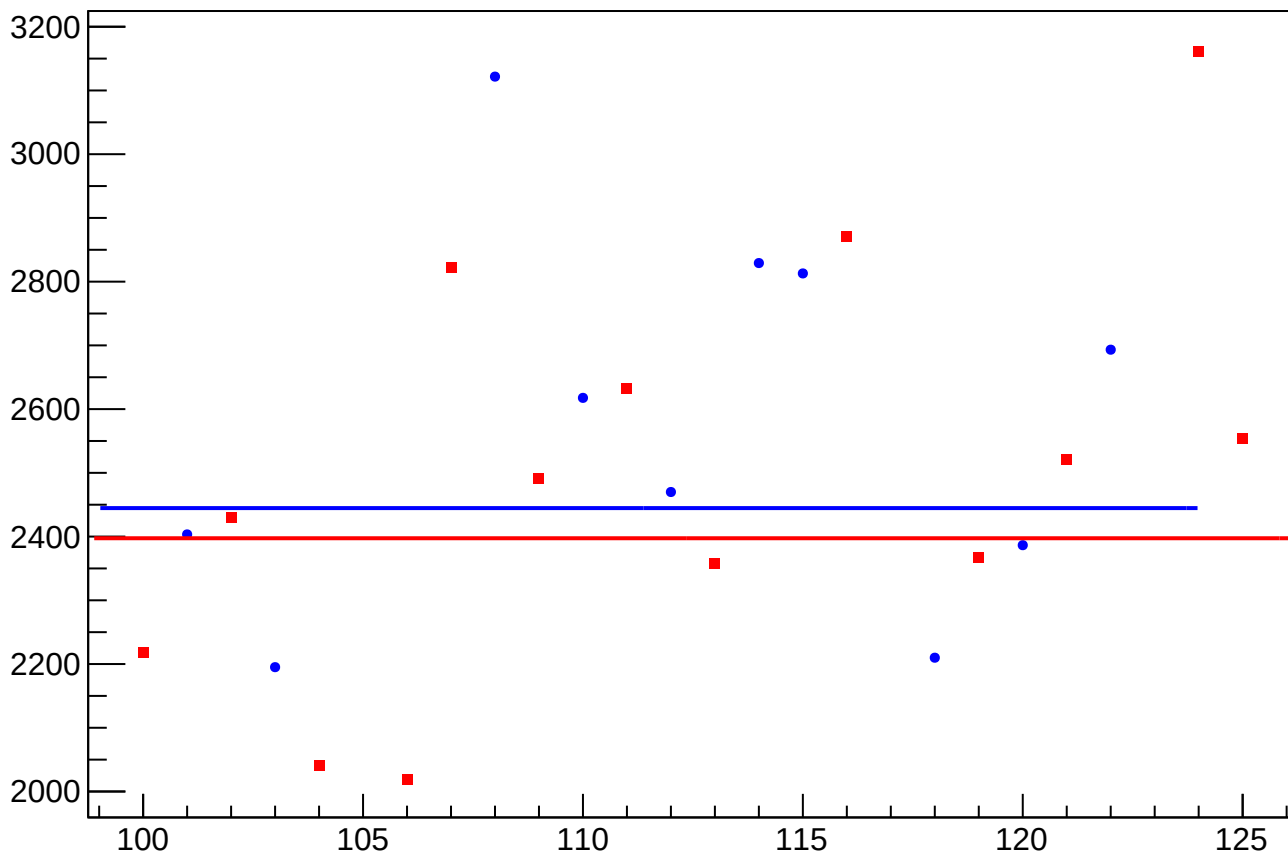
Right: 25.905+/-0.807 χ^2/NDF : 1039.4/22

In: 33.597+/-1.219 χ^2/NDF : 452.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.905+/-0.807 χ^2/NDF : 1039.4/22

diff_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 2444.695+/-0.862 χ^2/NDF : 84928.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2397.378+/-0.761 χ^2/NDF : 111227.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

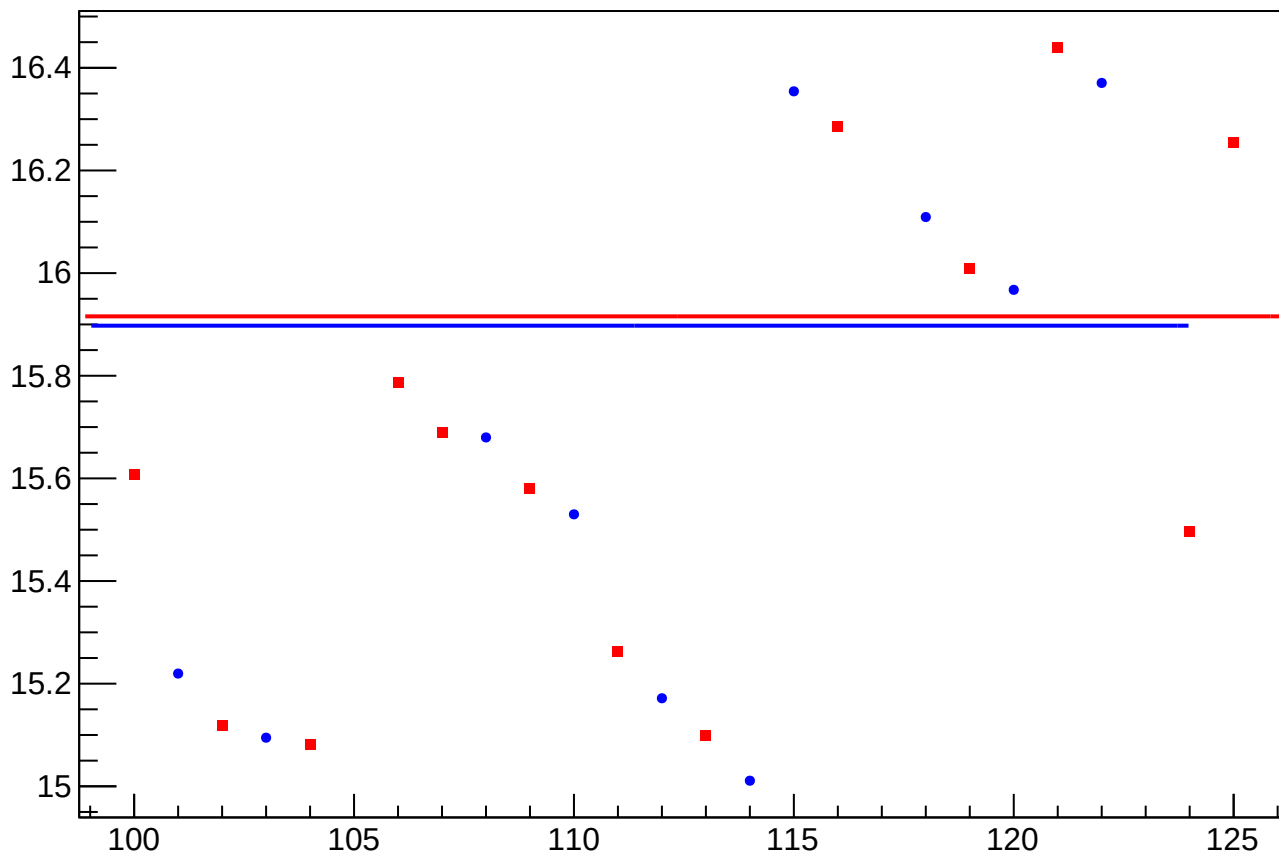
Right: 2418.110+/-0.570 χ^2/NDF : 197850.0/22

In: 2444.695+/-0.862 χ^2/NDF : 84928.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2418.110+/-0.570 χ^2/NDF : 197850.0/22

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: 15.916+/-0.000 χ^2/NDF : 2946245762.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

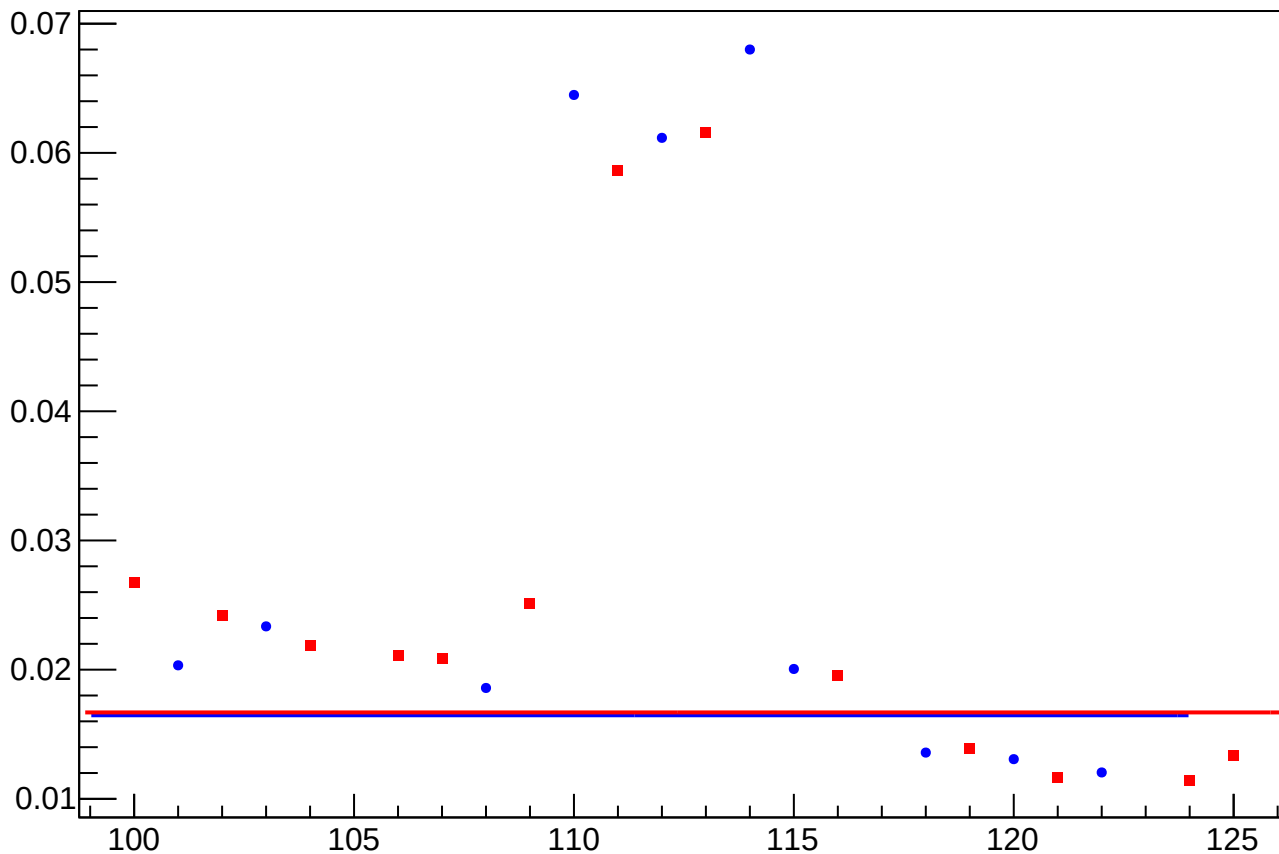
Right: 15.907+/-0.000 χ^2/NDF : 5199955957.2/22

In: 15.898+/-0.000 χ^2/NDF : 2251667847.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.907+/-0.000 χ^2/NDF : 5199955957.2/22

yield_sam1_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 1341130.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.000 χ^2/NDF : 1523490.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

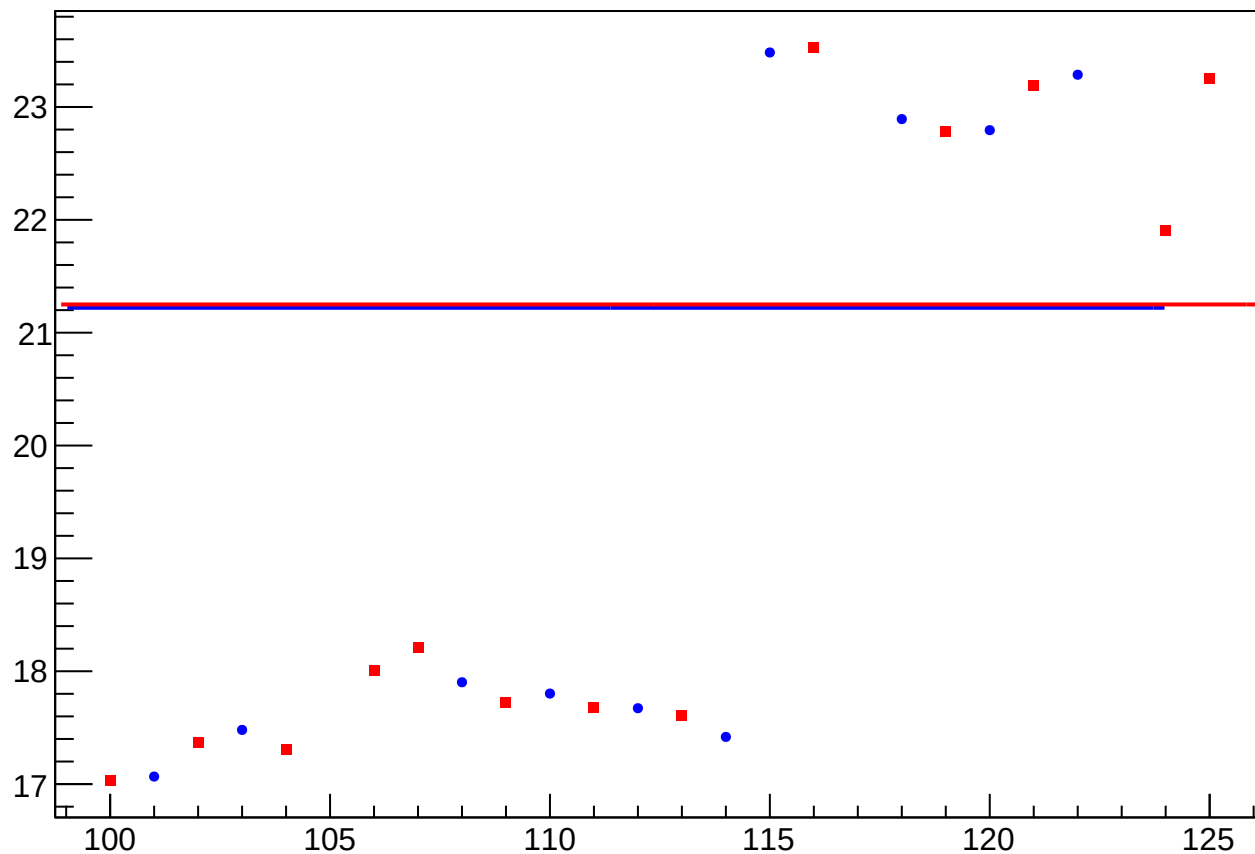
Right: 0.017+/-0.000 χ^2/NDF : 2865220.2/22

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 : 2865220.2/22

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: 21.250+/-0.000 χ^2/NDF : 880971466.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

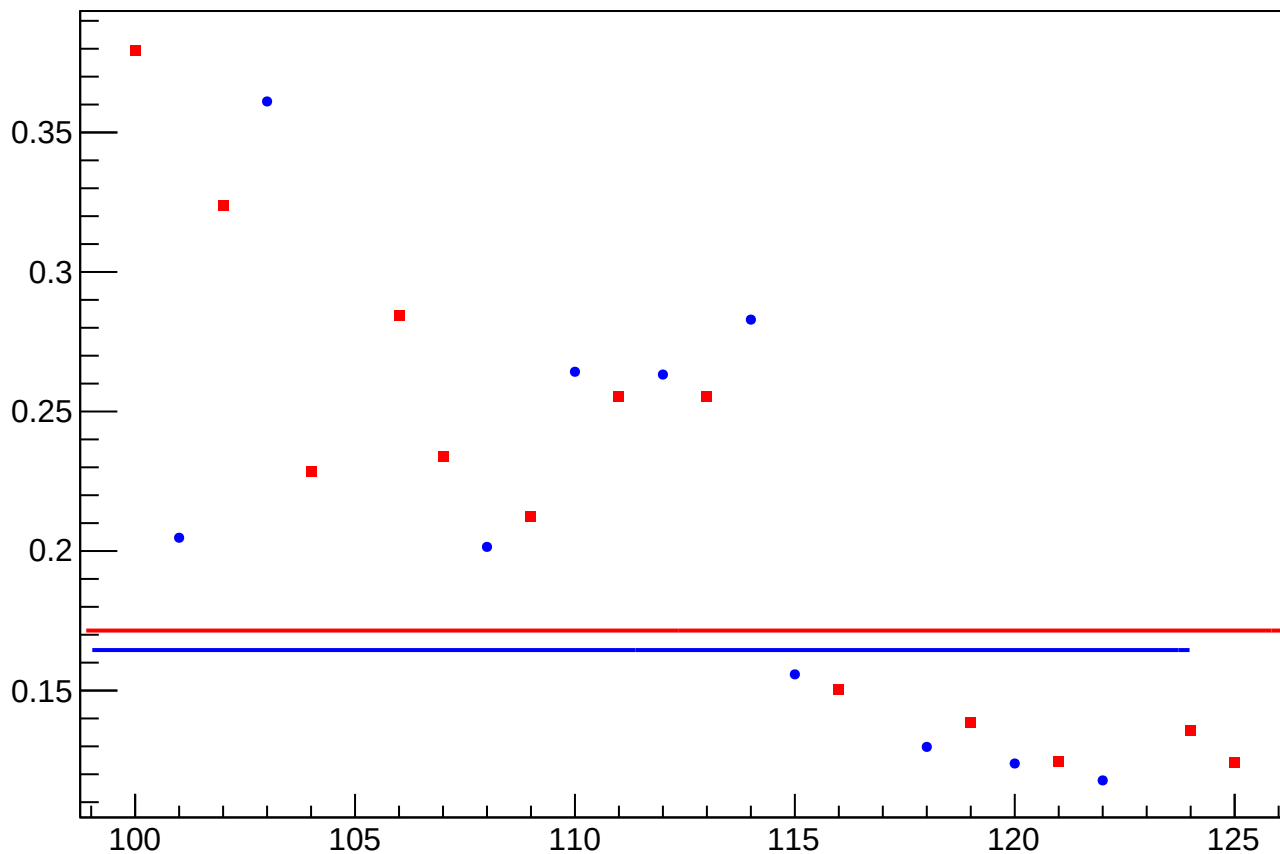
Right: 21.237+/-0.000 χ^2/NDF : 1683147601.7/22

In: 21.221+/-0.000 χ^2/NDF :802122507.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 21.237+/-0.000 χ^2/NDF : 1683147601.7/22

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: 0.171+/-0.000 χ^2/NDF : 967992.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

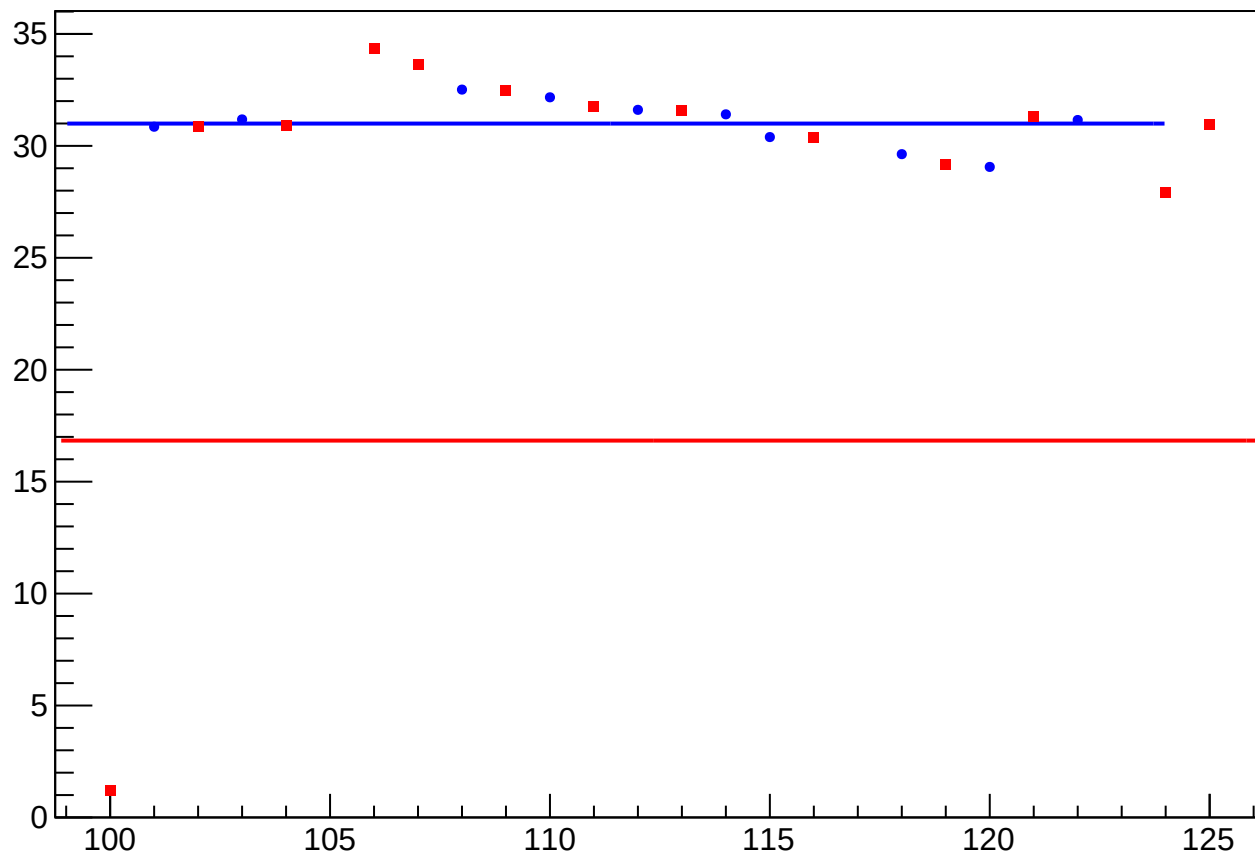
Right: 0.168+/-0.000 χ^2/NDF : 1896404.5/22

In: 0.165+/-0.000 χ^2/NDF : 922277.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.168+/-0.000 χ^2/NDF : 1896404.5/22

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: 16.835+/-0.000 χ^2/NDF : 183842577627.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

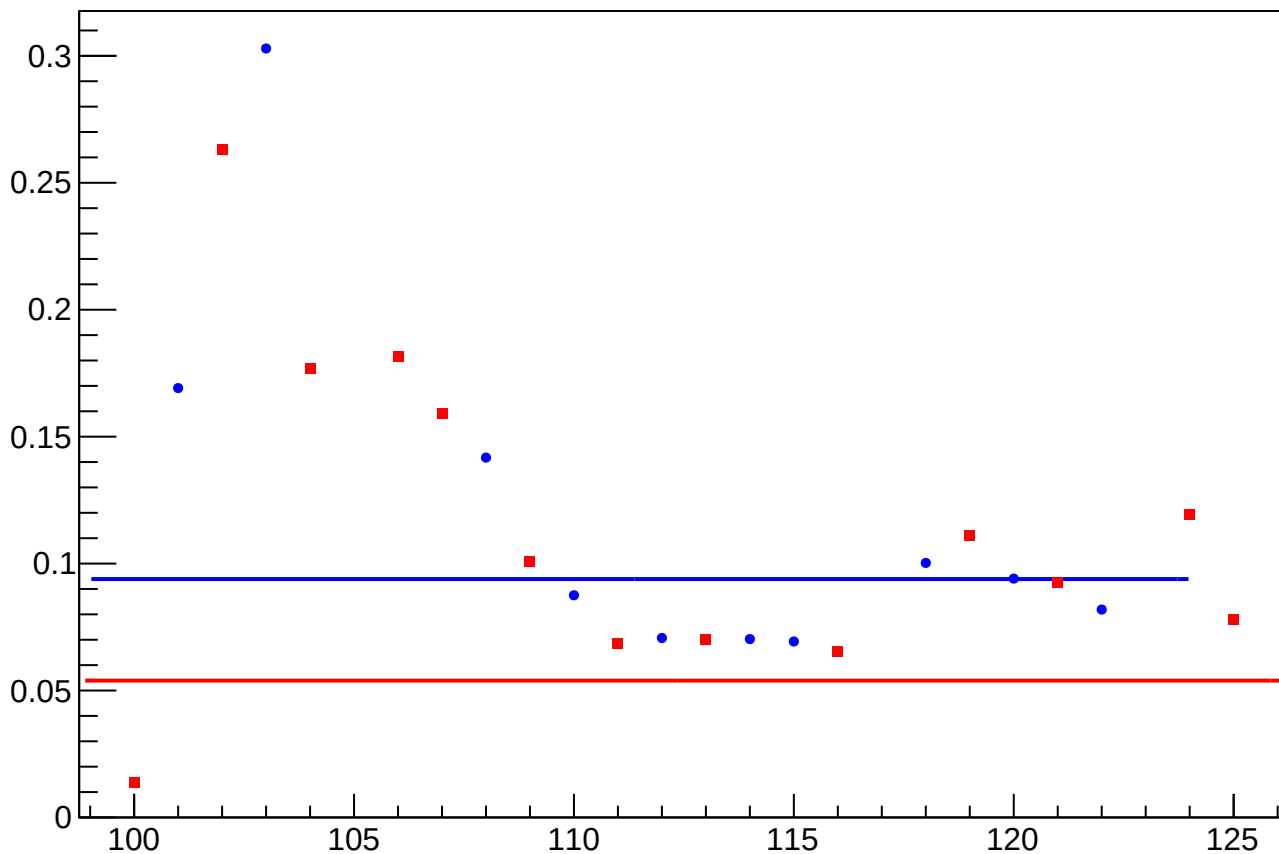
Right: 20.962+/-0.000 χ^2/NDF : 231822363353.8/22

In: 30.996+/-0.000 χ^2/NDF : 347181939.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.962+/-0.000 χ^2/NDF : 231822363353.8/22

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: 0.054+/-0.000 χ^2/NDF : 3572167.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

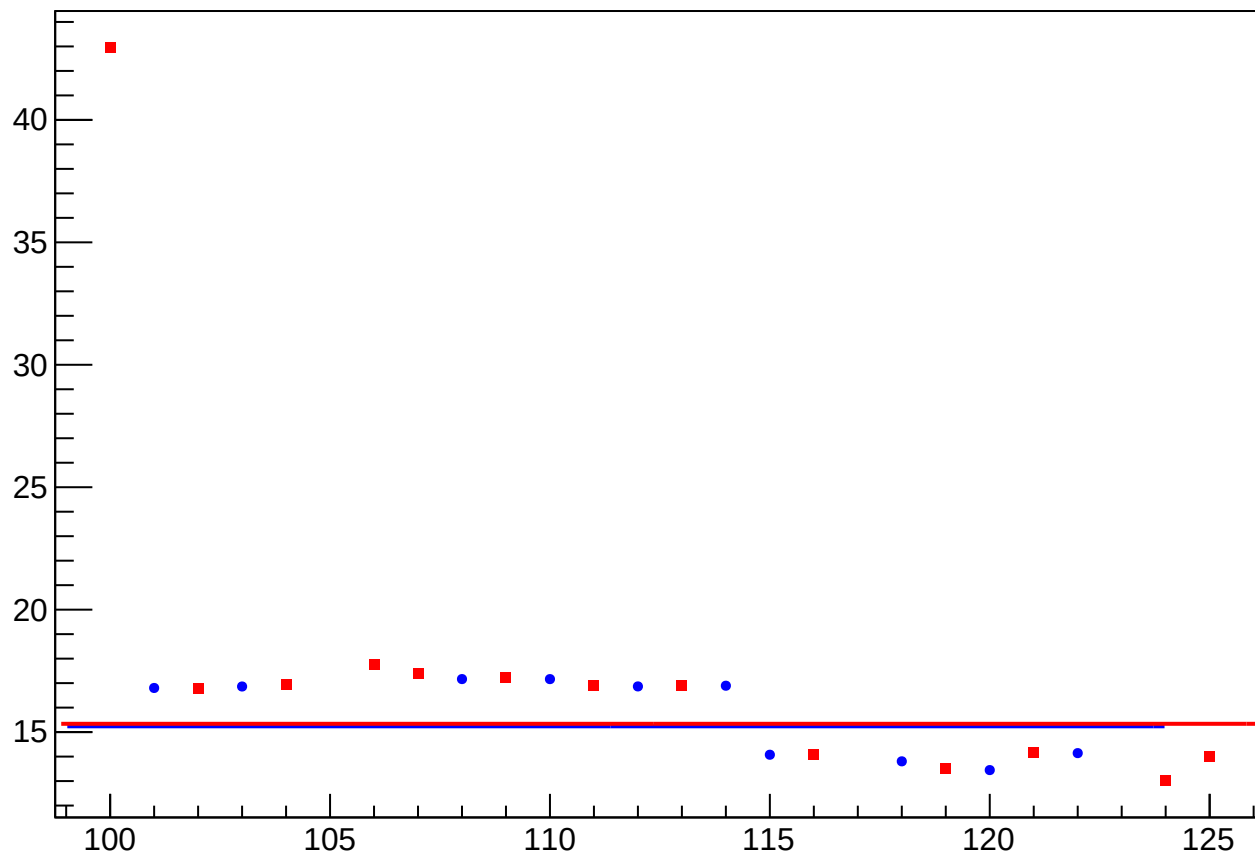
Right: 0.066+/-0.000 χ^2/NDF : 5332392.2/22

In: 0.094+/-0.000 χ^2/NDF :1000091.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.066+/-0.000 χ^2/NDF : 5332392.2/22

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: 15.339+/-0.000 χ^2/NDF : 1490264434.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

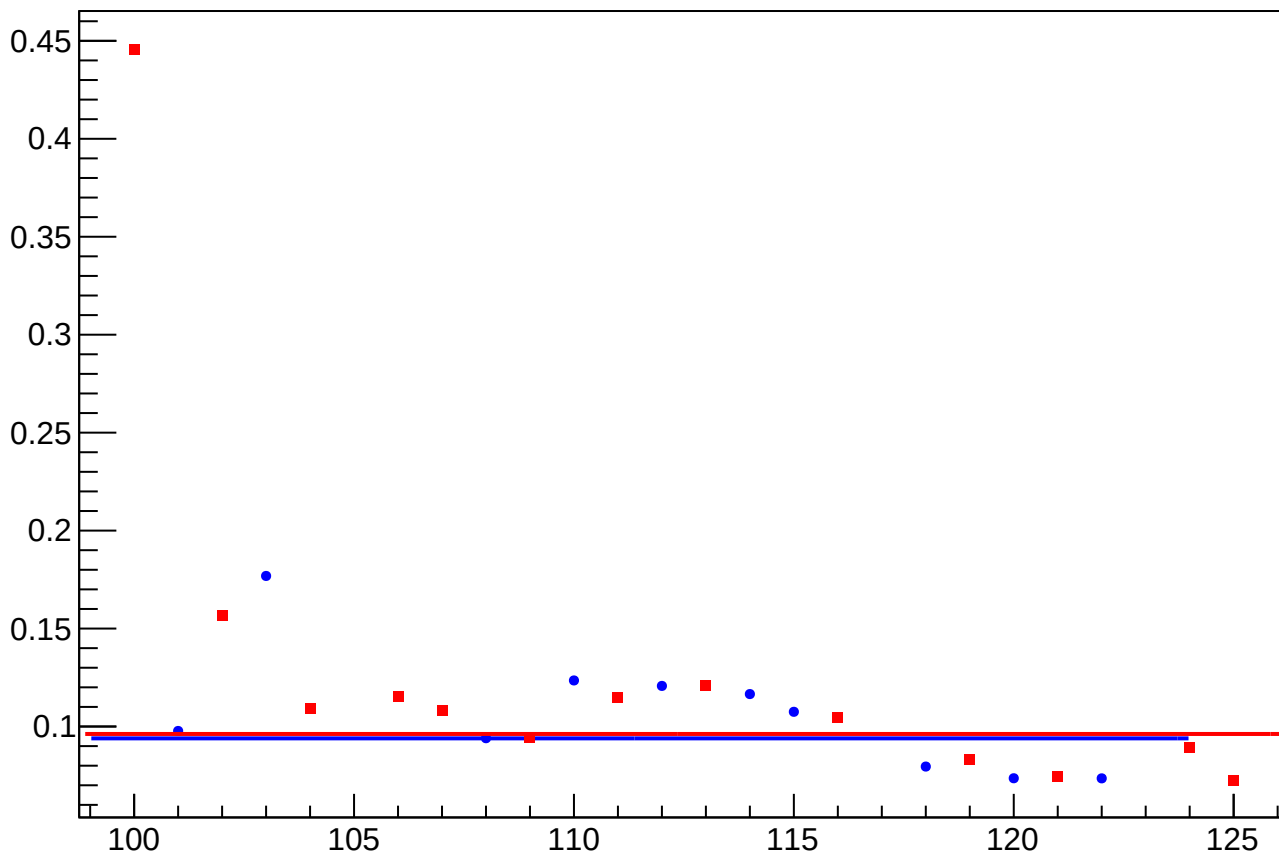
Right: 15.292+/-0.000 χ^2/NDF : 2431655327.4/22

In: 15.237+/-0.000 χ^2/NDF : 939267171.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.292+/-0.000 χ^2/NDF : 2431655327.4/22

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: 0.096+/-0.000 χ^2/NDF : 512523.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

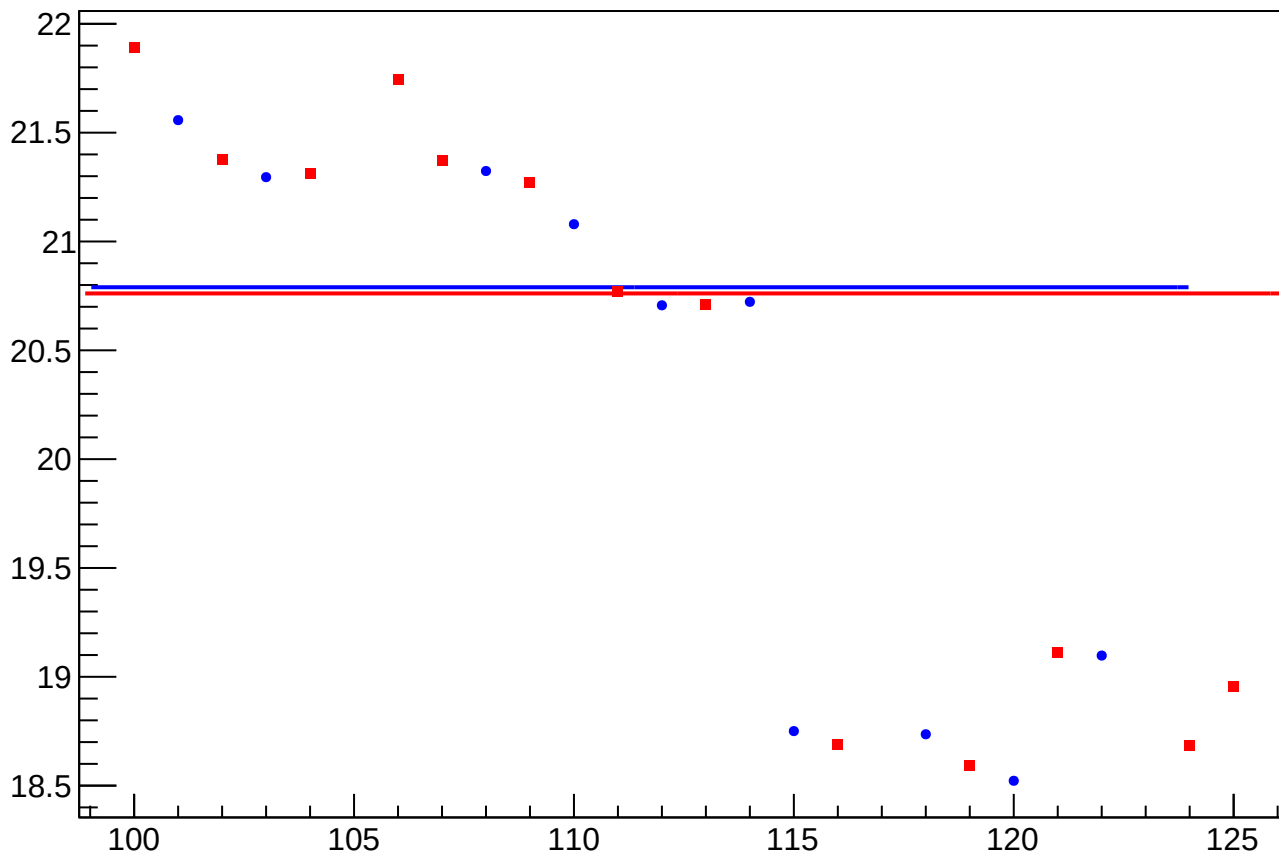
Right: 0.095+/-0.000 χ^2/NDF : 1001163.6/22

In: 0.094+/-0.000 χ^2/NDF :486556.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.095+/-0.000 χ^2/NDF : 1001163.6/22

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: 20.761+/-0.000 χ^2/NDF : 5349452138.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

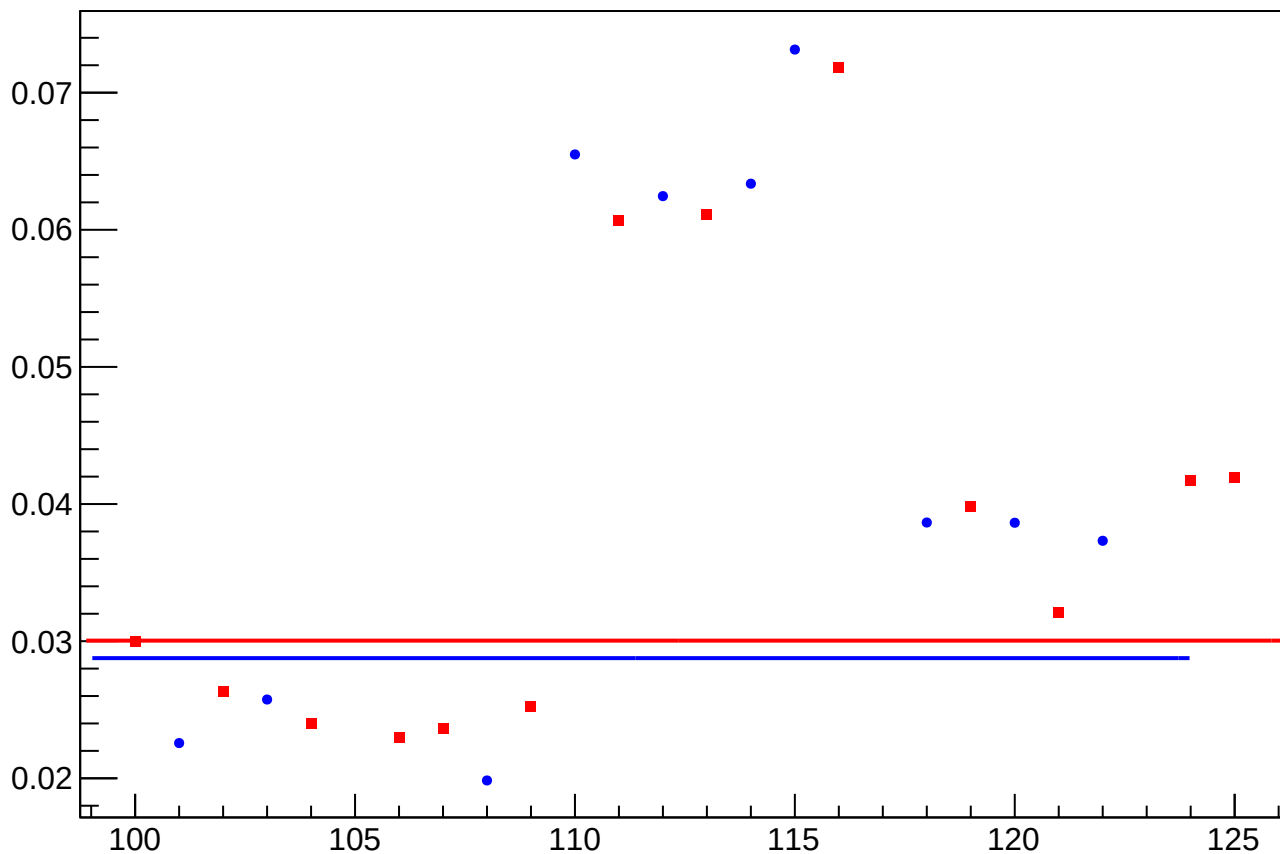
Right: 20.775+/-0.000 χ^2/NDF : 10031738714.2/22

In: 20.790+/-0.000 χ^2/NDF :4680582525.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20.775+/-0.000 χ^2/NDF : 10031738714.2

yield_sam5_rms vs Slug, Sign Corrected



Right In: 0.029+/-0.000 χ^2/NDF : 1032471.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.030+/-0.000 χ^2/NDF : 950395.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

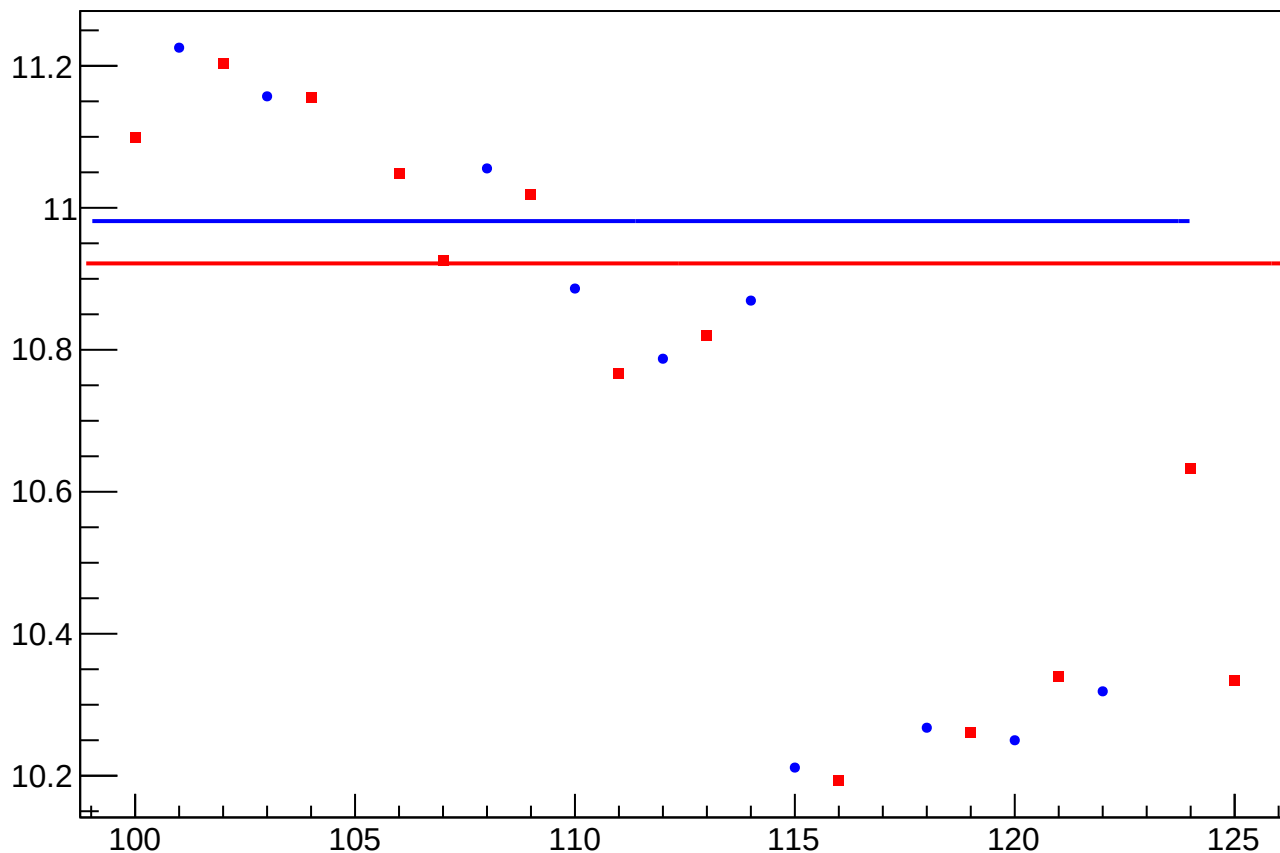
Right: 0.029+/-0.000 χ^2/NDF : 1989700.9/22

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 : 1989700.9/22

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: 10.922+/-0.000 χ^2/NDF : 1974438665.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

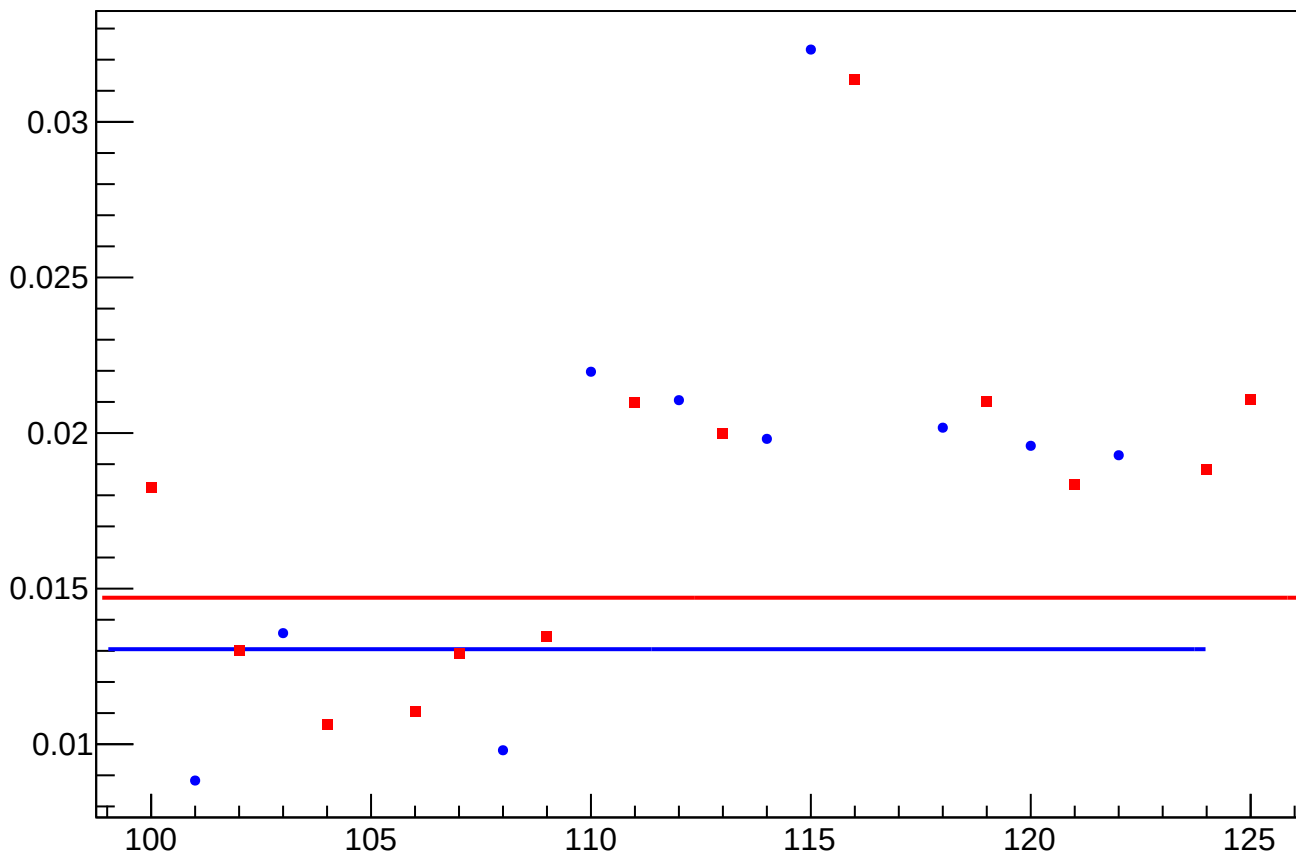
Right: 10.951+/-0.000 χ^2/NDF : 4199130534.1/22

In: 10.981+/-0.000 χ^2/NDF : 2190672901.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.951+/-0.000 χ^2/NDF : 4199130534.1/22

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: 0.015+/-0.000 χ^2/NDF : 716768.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

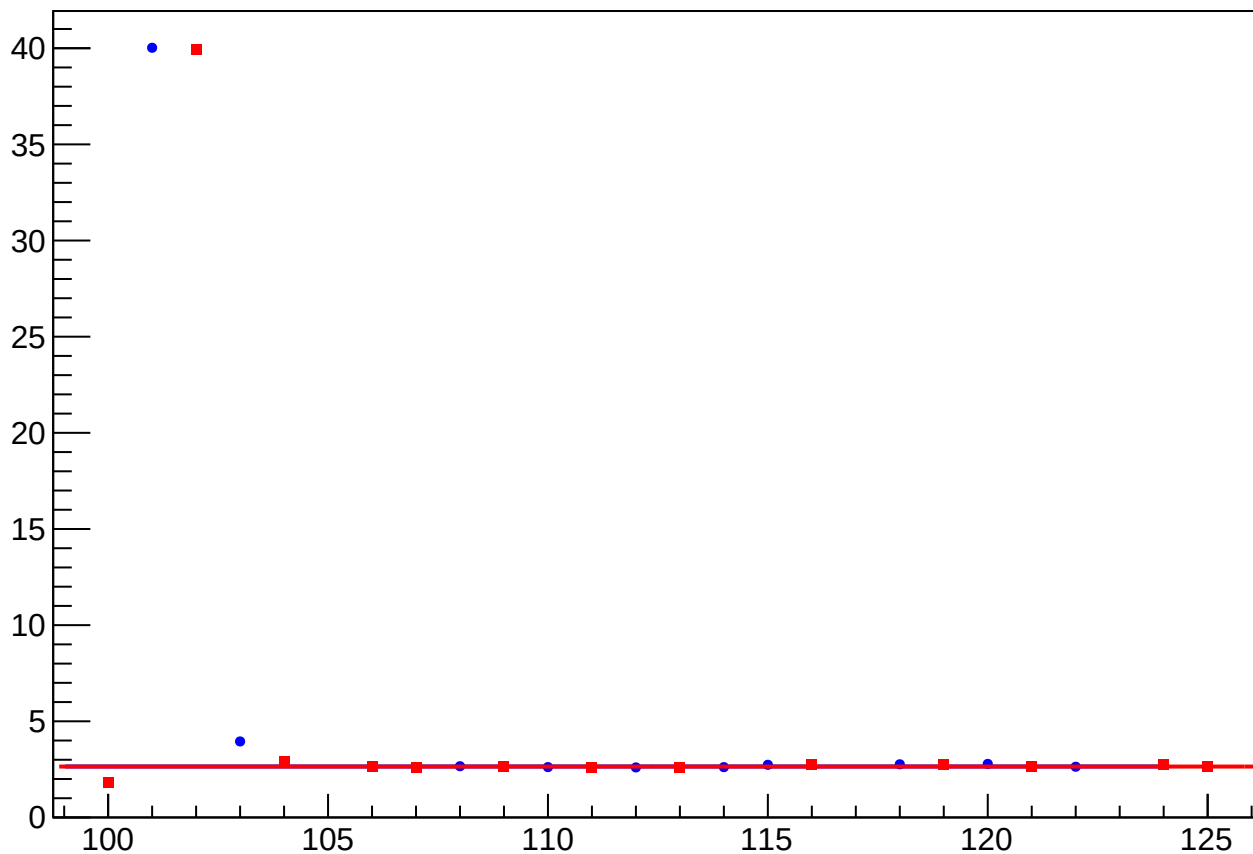
Right: 0.014+/-0.000 χ^2/NDF : 1739127.3/22

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 : 1739127.3/22

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: 2.647+/-0.000 χ^2/NDF : 63144041717.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

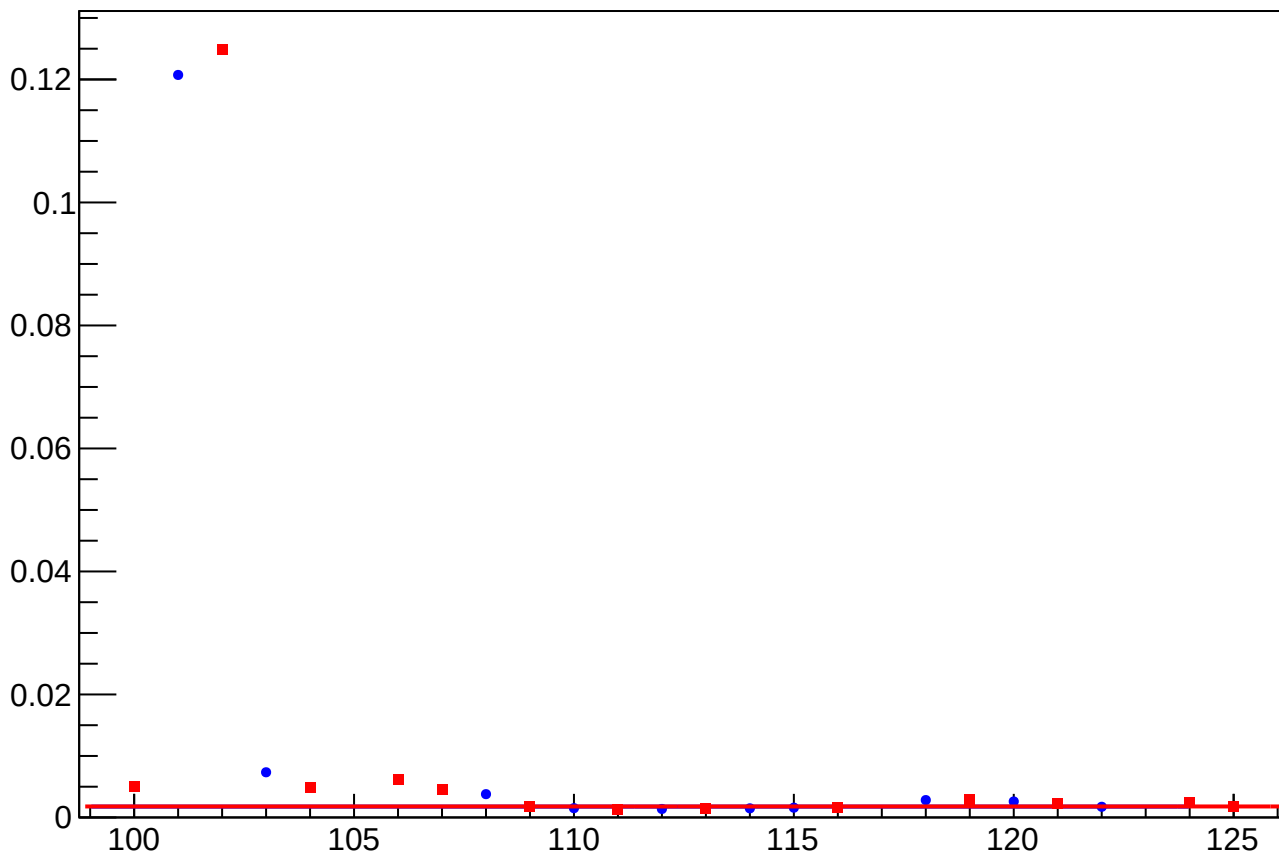
Right: 2.648+/-0.000 χ^2/NDF : 127678856021.3/22

In: 2.651+/-0.000 χ^2/NDF : 64528281071.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.648+/-0.000 χ^2/NDF : 127678856021.3

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 : 2353795.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

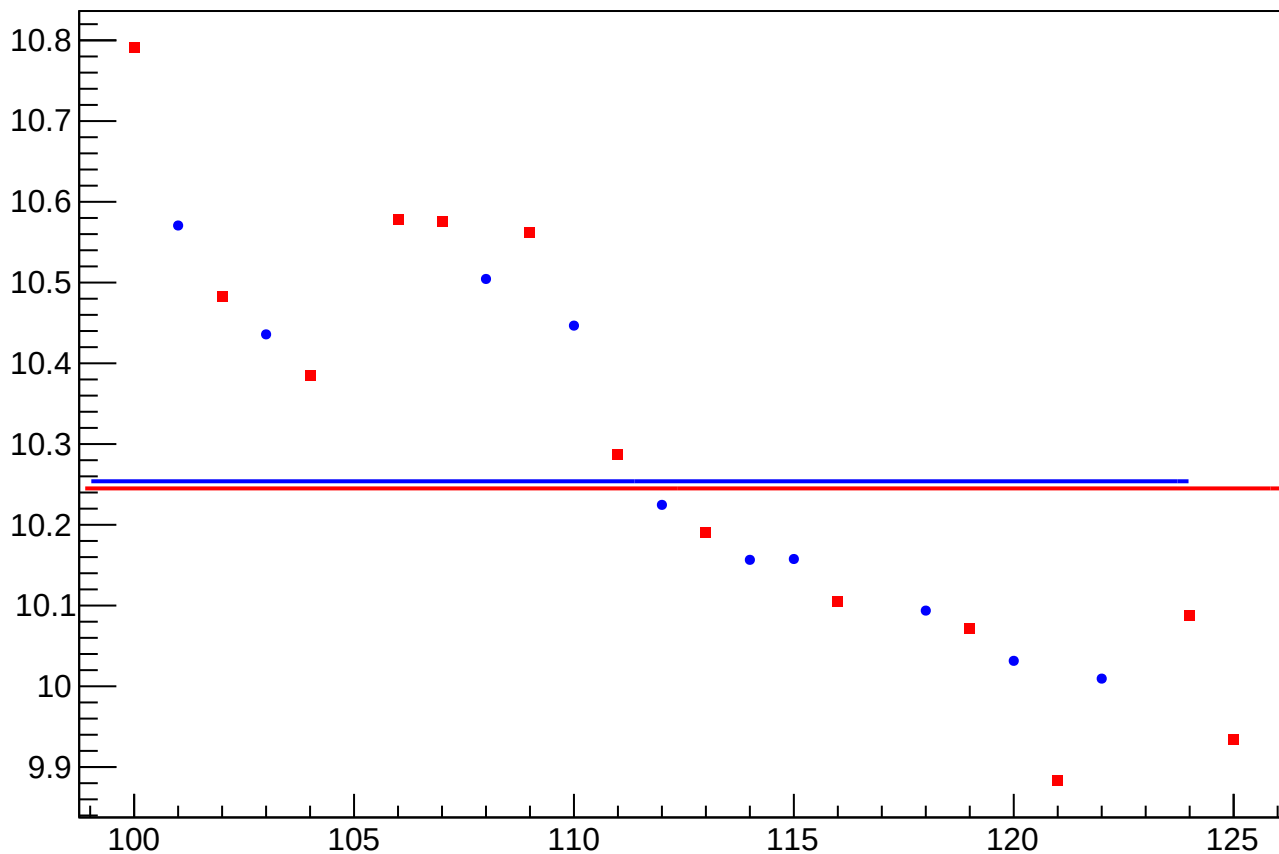
Right: 0.002+/-0.000 χ^2/NDF : 4115102.6/22

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 : 4115102.6/22

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: 10.245+/-0.000 χ^2/NDF : 5376347928.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

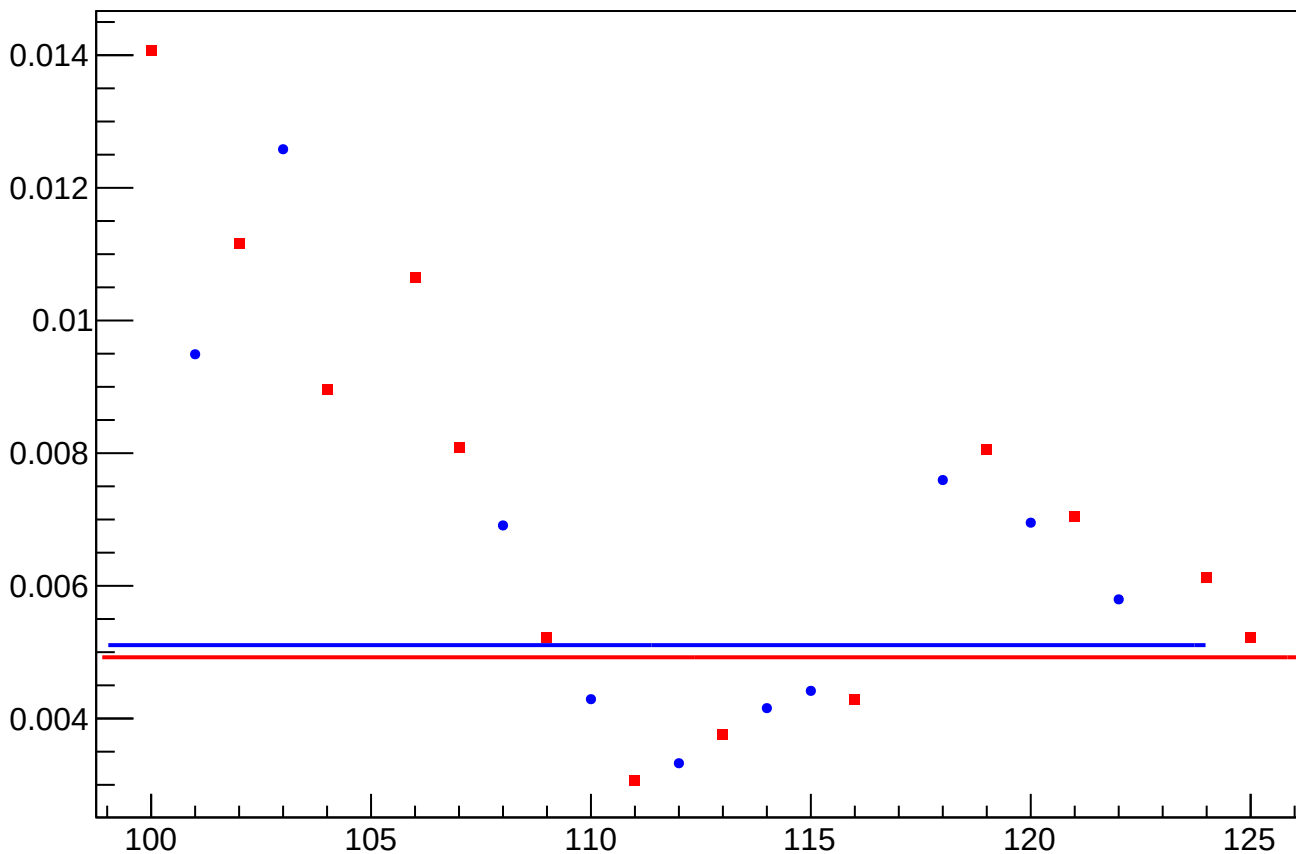
Right: 10.249+/-0.000 χ^2/NDF : 8393492832.1/22

In: 10.254+/-0.000 χ^2/NDF : 3012064298.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.249+/-0.000 χ^2/NDF : 8393492832.1/22

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 : 1484941.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

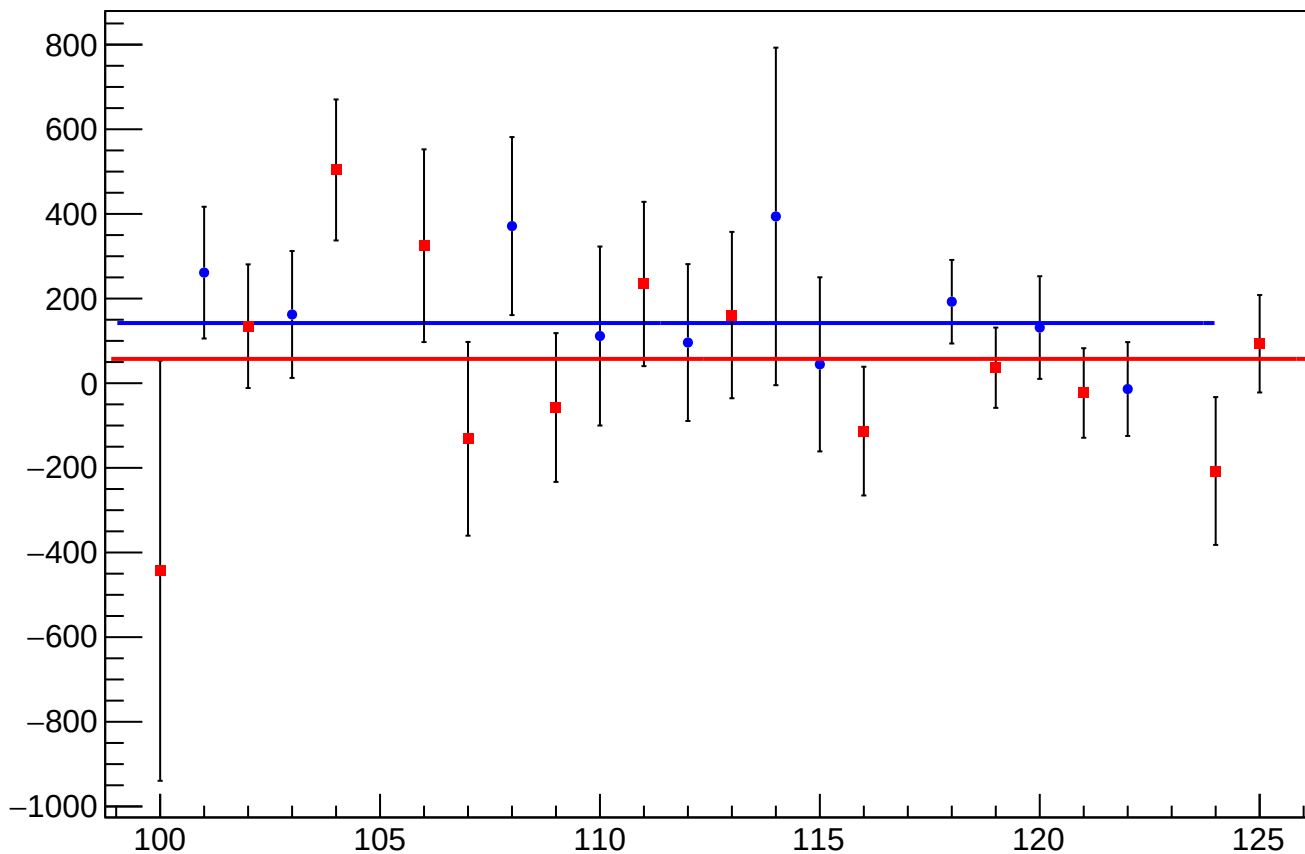
Right: 0.005+/-0.000 χ^2/NDF : 2632009.6/22

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 : 2632009.6/22

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: 57.464+/-42.180 χ^2/NDF : 16.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

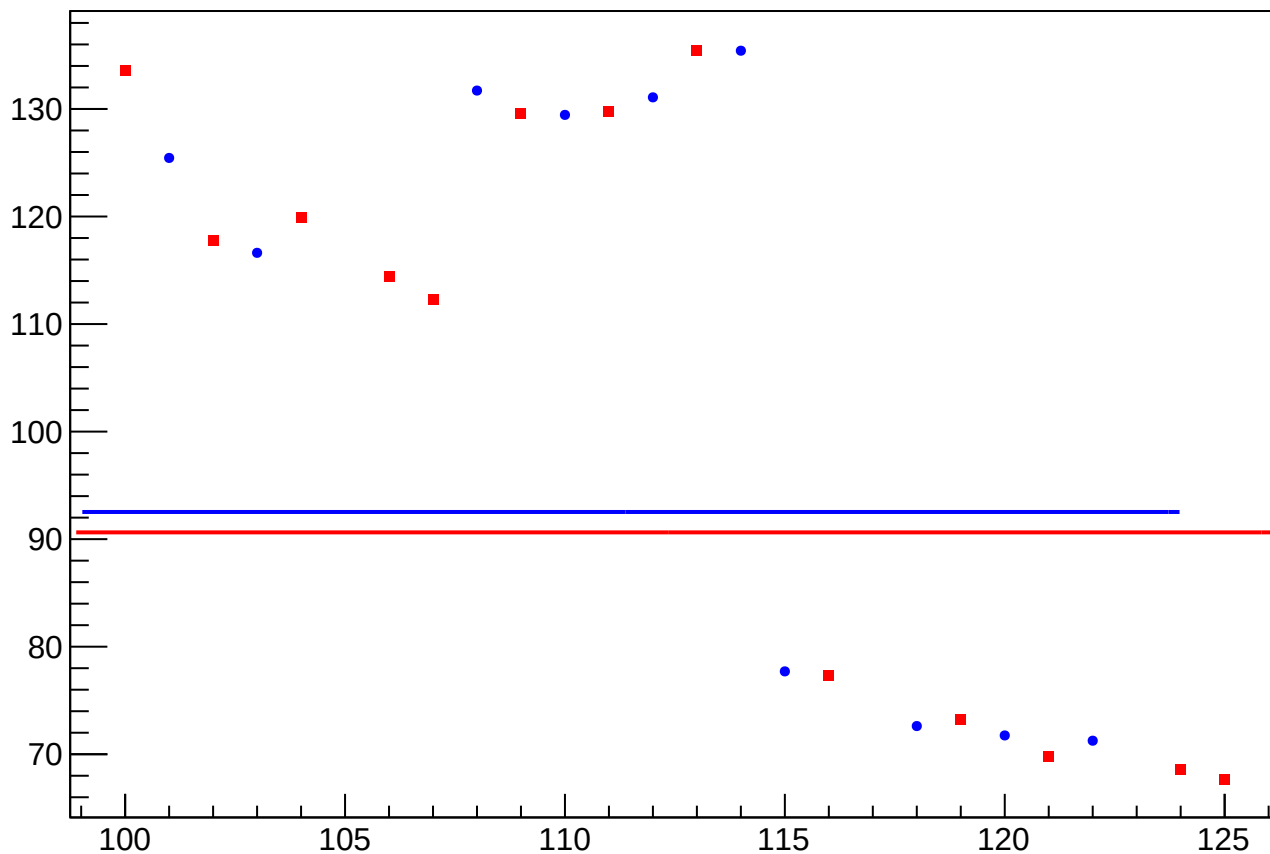
Right: 94.738+/-31.563 χ^2/NDF : 22.9/22

In: 142.168+/-47.581 χ^2/NDF : 4.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.738+/-31.563 χ^2/NDF : 22.9/22

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: 90.630+/-0.030 χ^2/NDF : 741265.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

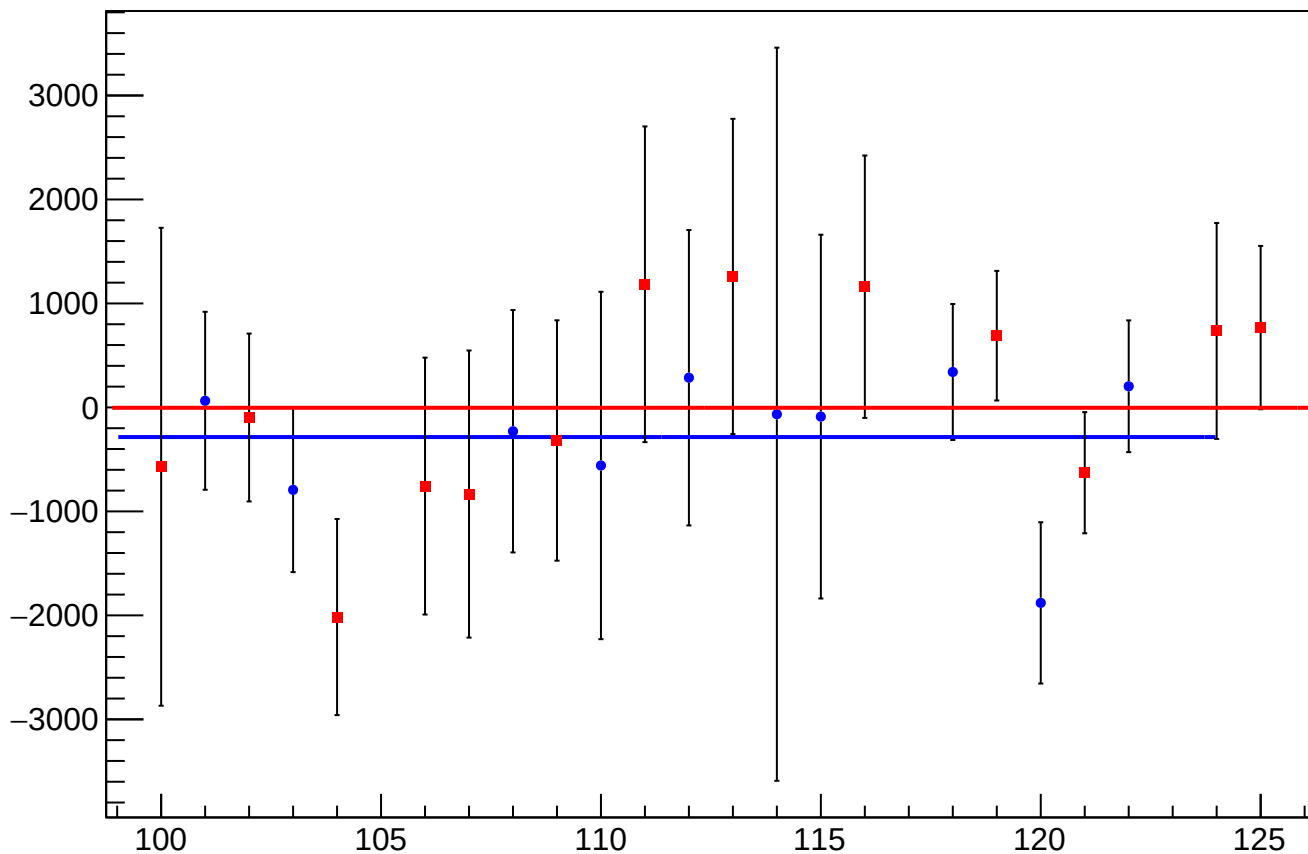
Right: 91.464+/-0.022 χ^2/NDF : 1348283.0/22

In: 92.526+/-0.034 χ^2/NDF : 605238.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.464+/-0.022 χ^2/NDF : 1348283.0/22

asym_sam1_reg_correction_mean vs Slug, Sign Corrected



Right In: -285.032 ± 295.511 χ^2/NDF : 6.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.502 ± 264.061 χ^2/NDF : 11.4/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

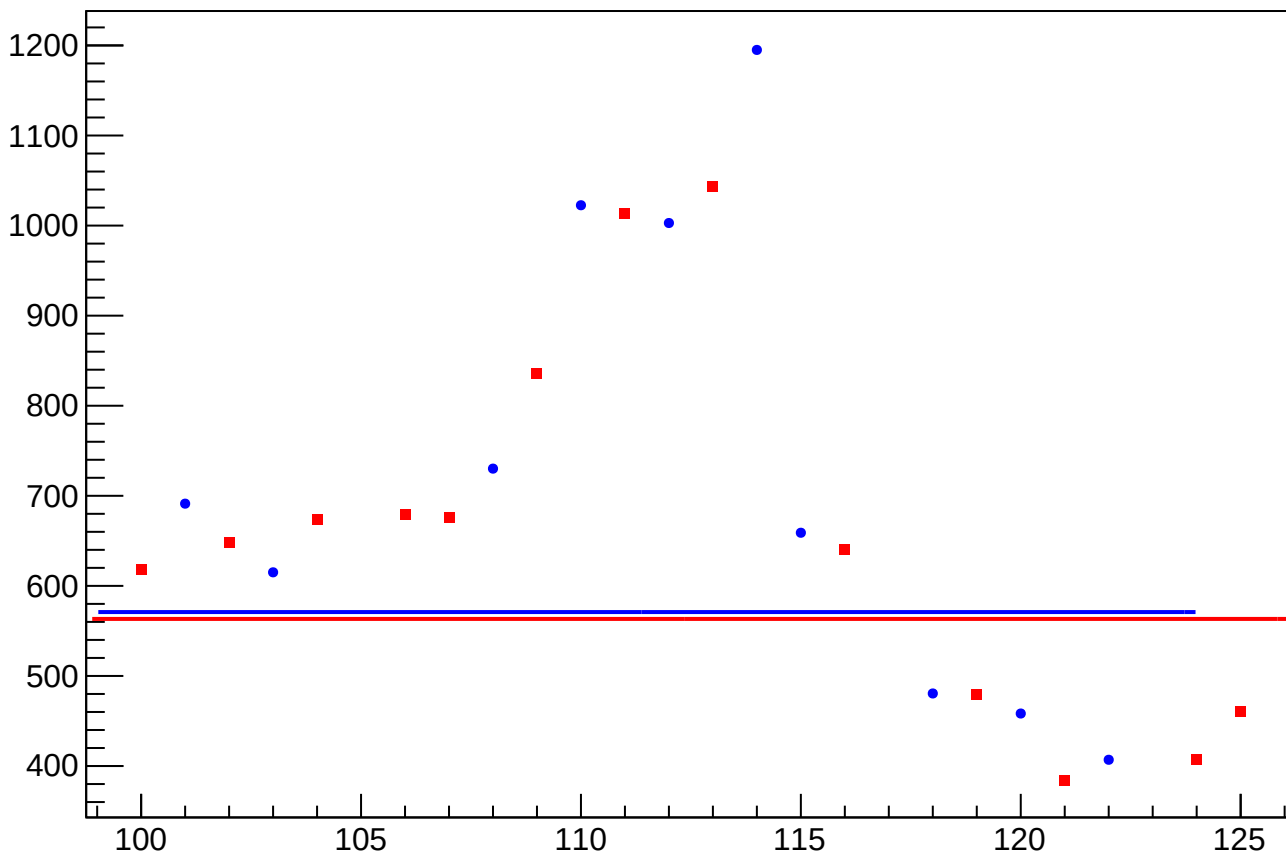
Right: -128.494 ± 196.903 χ^2/NDF : 18.5/22

In: -285.032 ± 295.511 χ^2/NDF : 6.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -128.494 ± 196.903 χ^2/NDF : 18.5/22

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: 563.316+/-0.187 χ^2/NDF : 881179.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

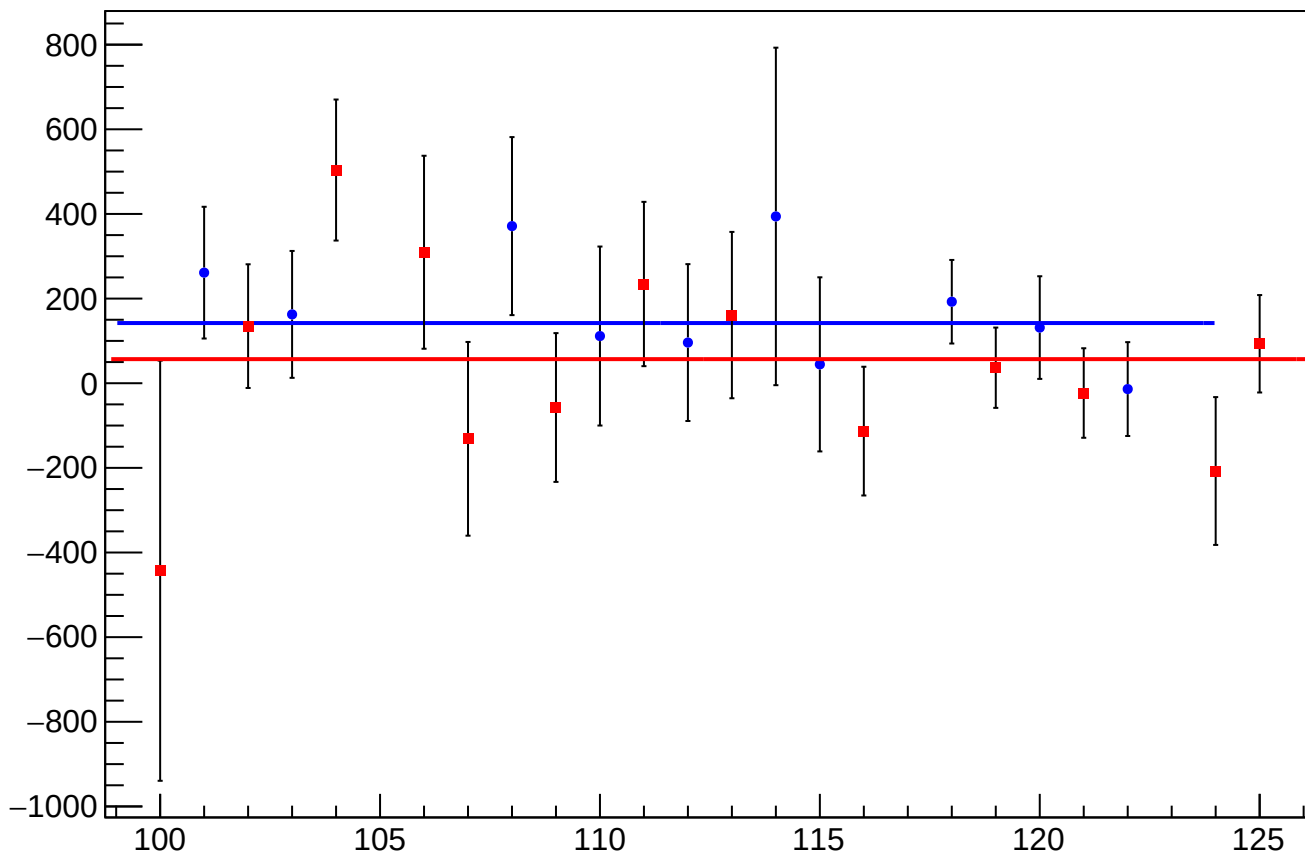
Right: 566.695+/-0.139 χ^2/NDF : 1578096.0/22

In: 570.926+/-0.209 χ^2/NDF : 696179.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 566.695+/-0.139 χ^2/NDF : 1578096.0/22

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: 56.923 $\pm$ 42.182 χ^2 /NDF: 16.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

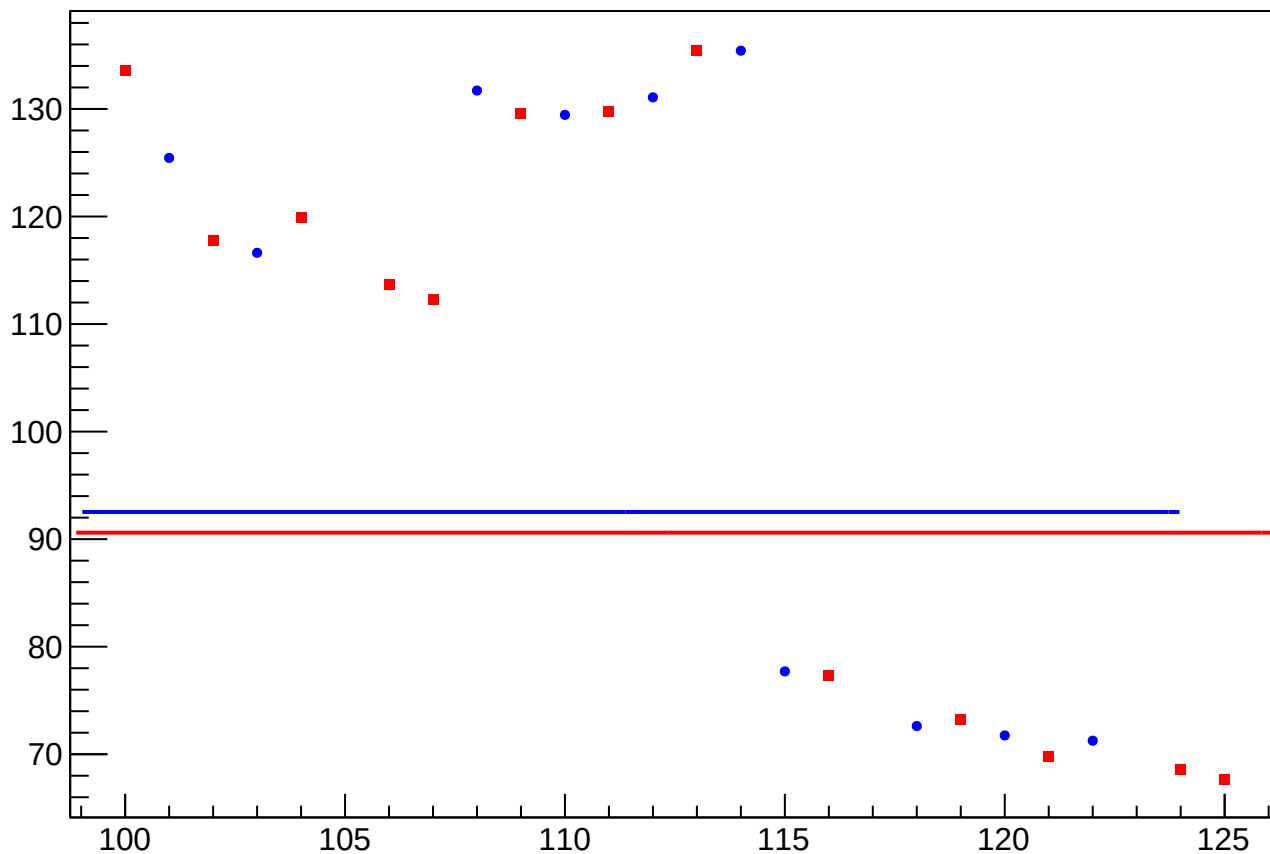
Right: 94.451 $\pm$ 31.564 χ^2 /NDF: 22.7/22

In: 142.200 $\pm$ 47.581 χ^2 /NDF:4.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 94.451 $\pm$ 31.564 χ^2 /NDF: 22.7/22

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: 90.603+/-0.030 χ^2/NDF : 739923.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

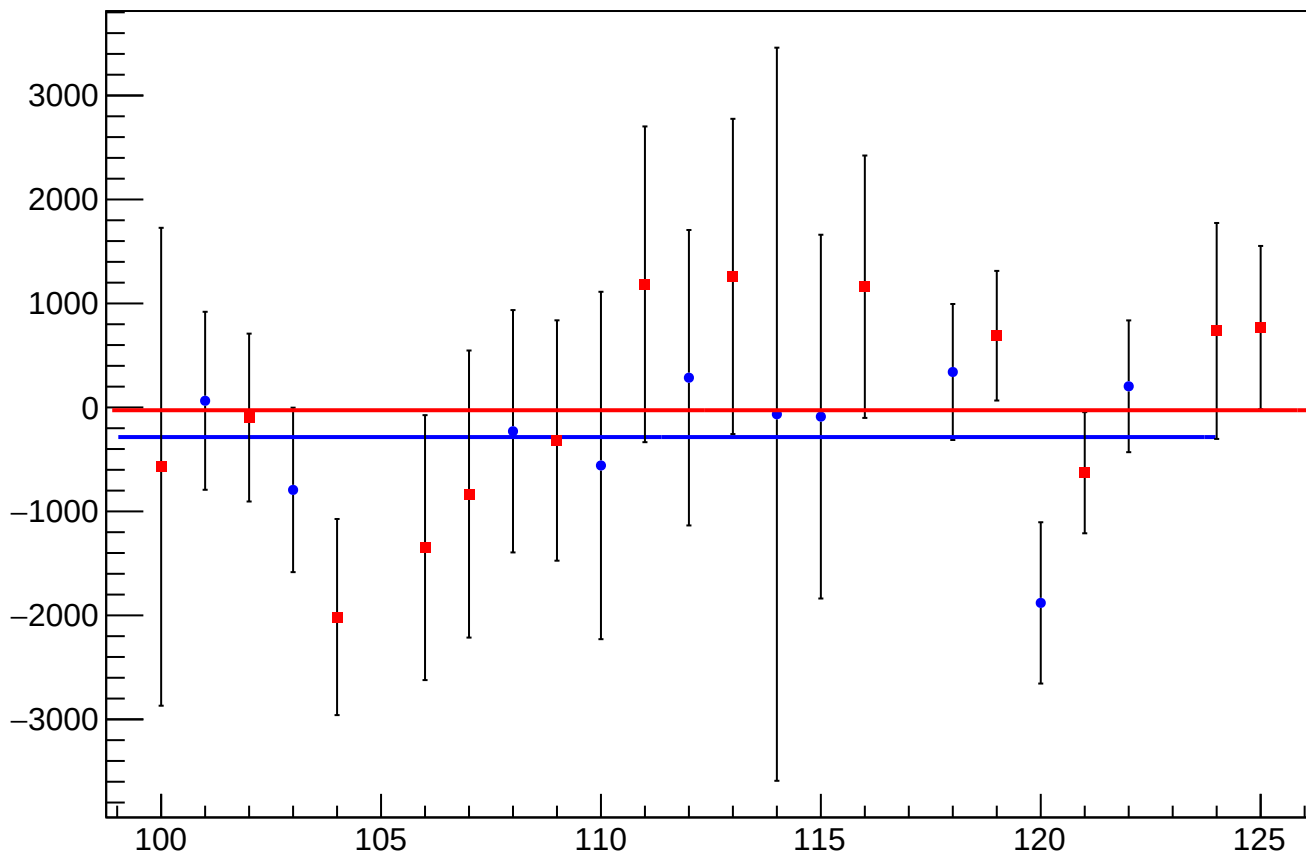
Right: 91.449+/-0.022 χ^2/NDF : 1346992.0/22

In: 92.526+/-0.034 χ^2/NDF : 605238.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.449+/-0.022 χ^2/NDF : 1346992.0/22

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: -26.978+/-264.424 χ^2/NDF : 12.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

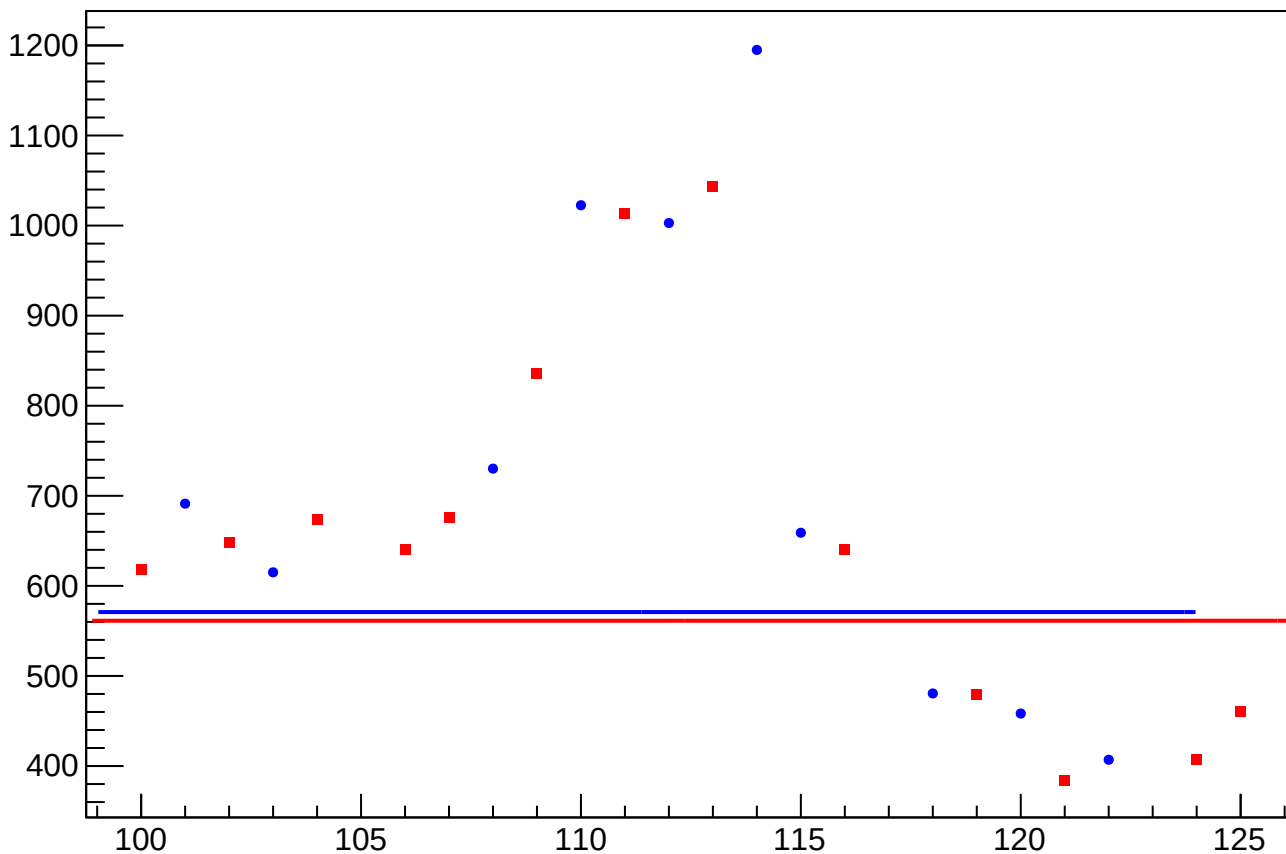
Right: -141.721+/-197.053 χ^2/NDF : 19.1/22

In: -285.028+/-295.511 χ^2/NDF : 6.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -141.721+/-197.053 χ^2/NDF : 19.1/22

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: 561.306+/-0.187 χ^2/NDF : 870655.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

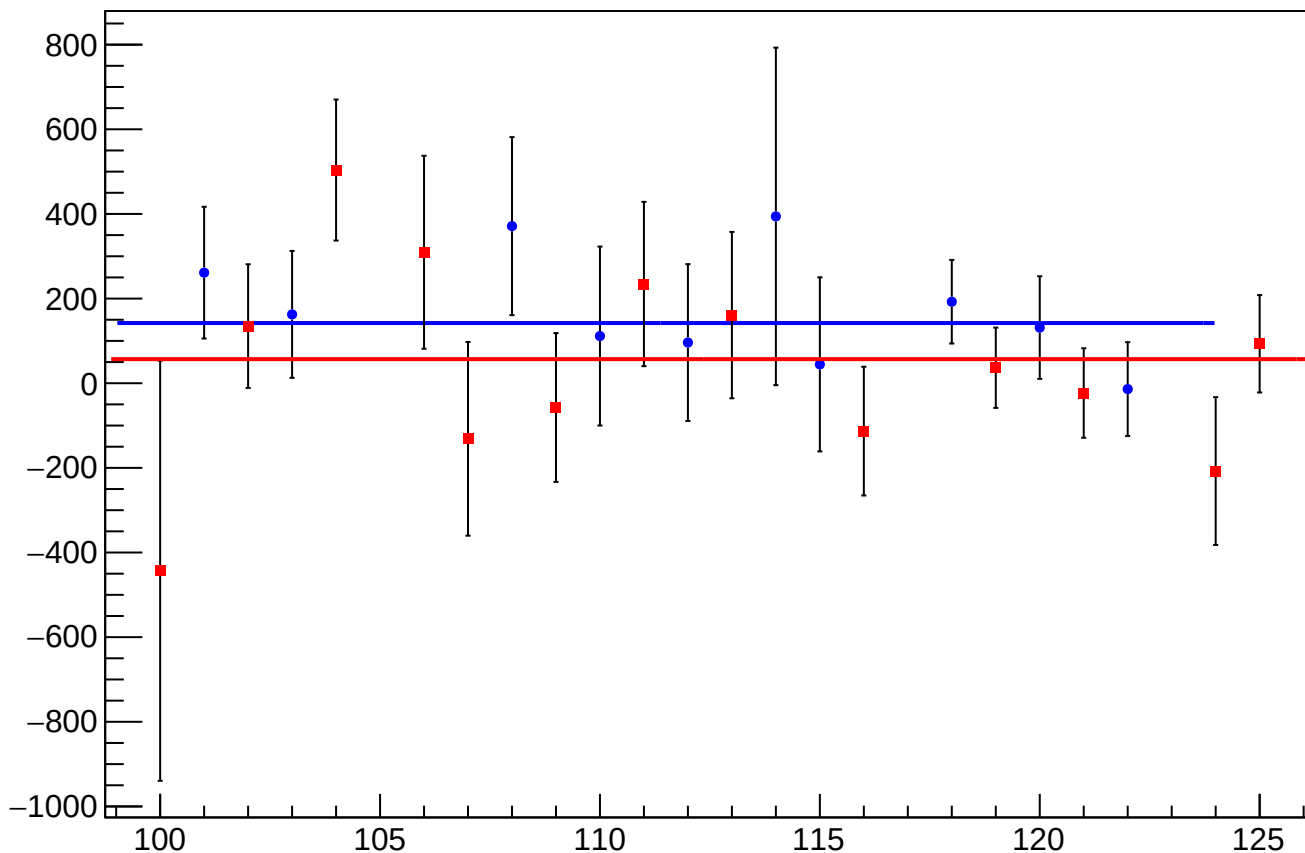
Right: 565.583+/-0.139 χ^2/NDF : 1568012.2/22

In: 570.926+/-0.209 χ^2/NDF : 696180.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 565.583+/-0.139 χ^2/NDF : 1568012.2/22

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: 56.923 $\pm$ 42.182 χ^2 /NDF: 16.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

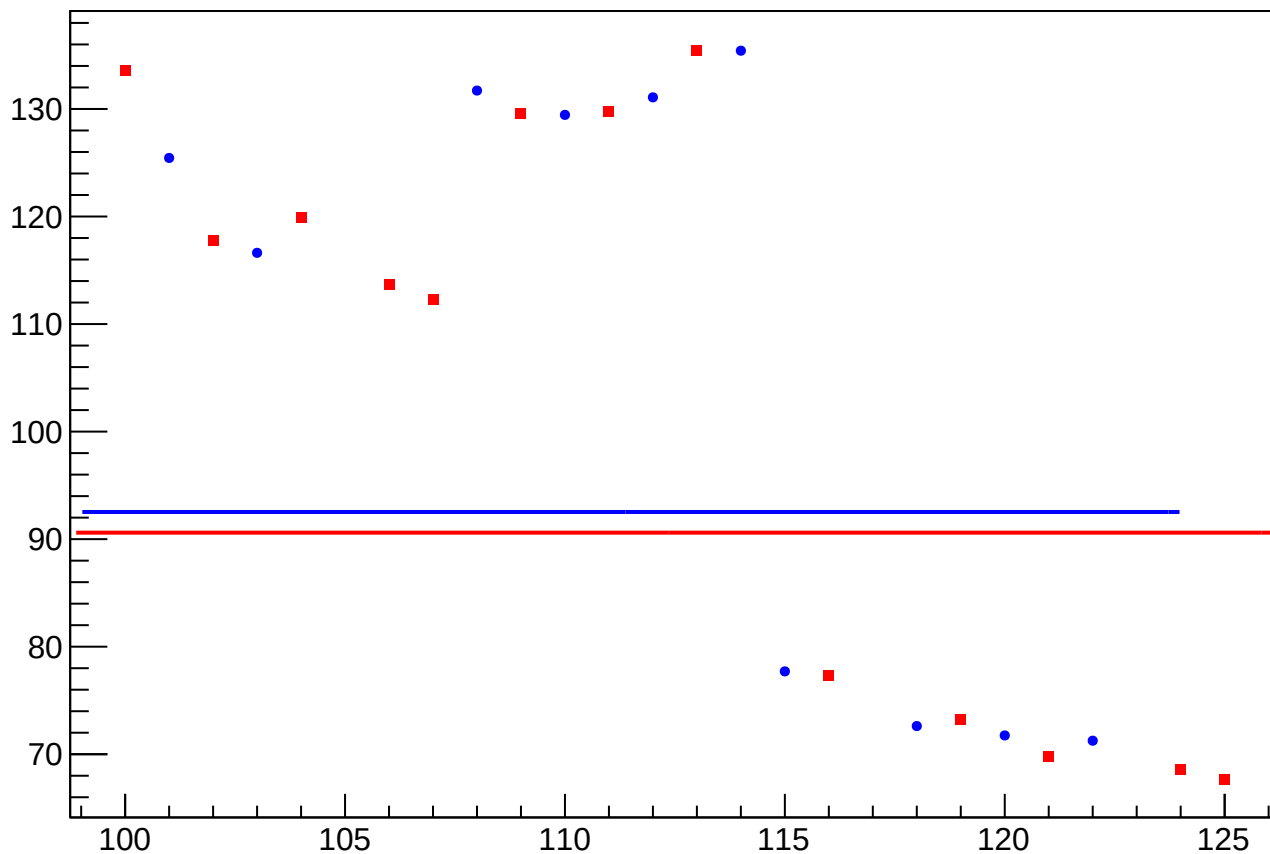
Right: 94.451 $\pm$ 31.564 χ^2 /NDF: 22.7/22

In: 142.200 $\pm$ 47.581 χ^2 /NDF:4.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 94.451 $\pm$ 31.564 χ^2 /NDF: 22.7/22

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: 90.603+/-0.030 χ^2/NDF : 739923.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

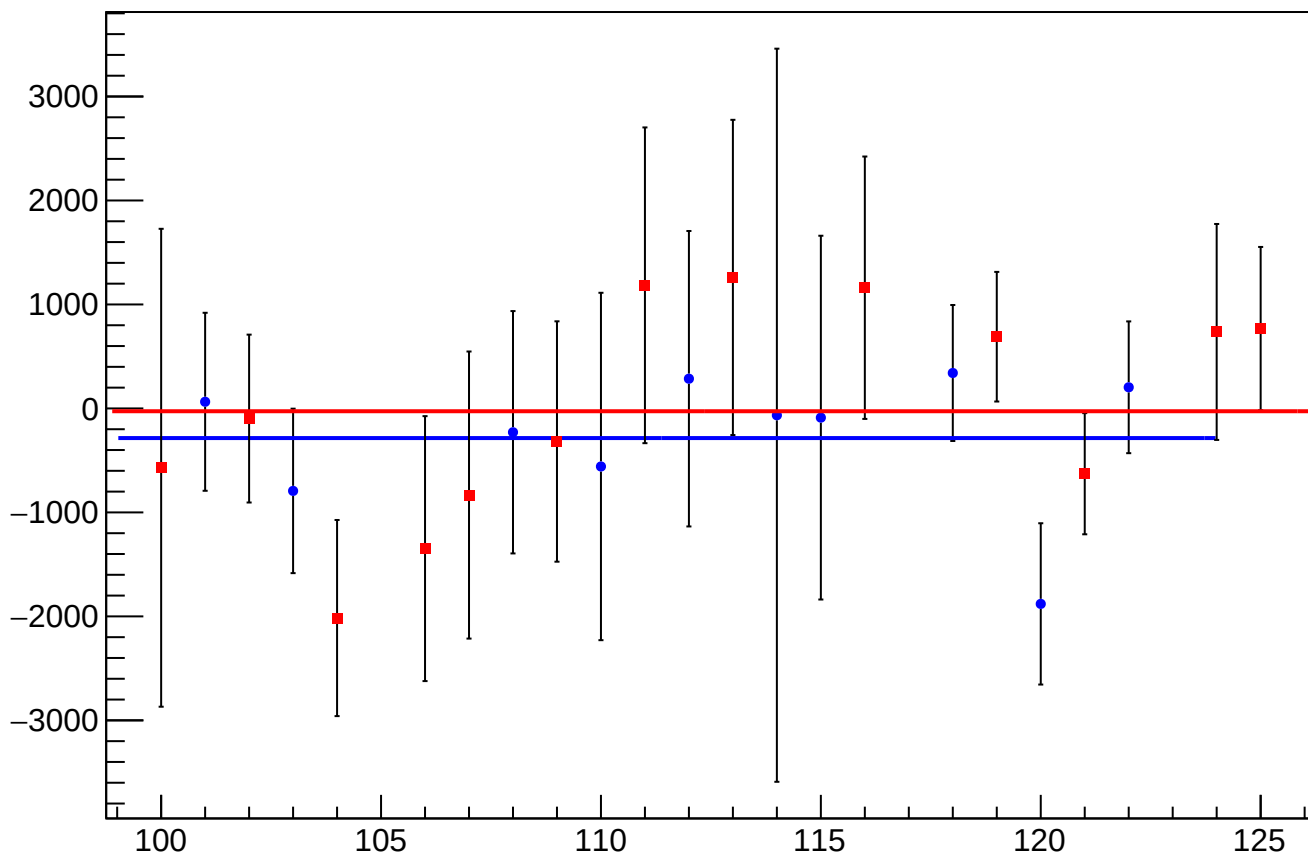
Right: 91.449+/-0.022 χ^2/NDF : 1346992.0/22

In: 92.526+/-0.034 χ^2/NDF :605238.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 91.449+/-0.022 χ^2/NDF : 1346992.0/22

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: -26.978+/-264.424 χ^2/NDF : 12.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

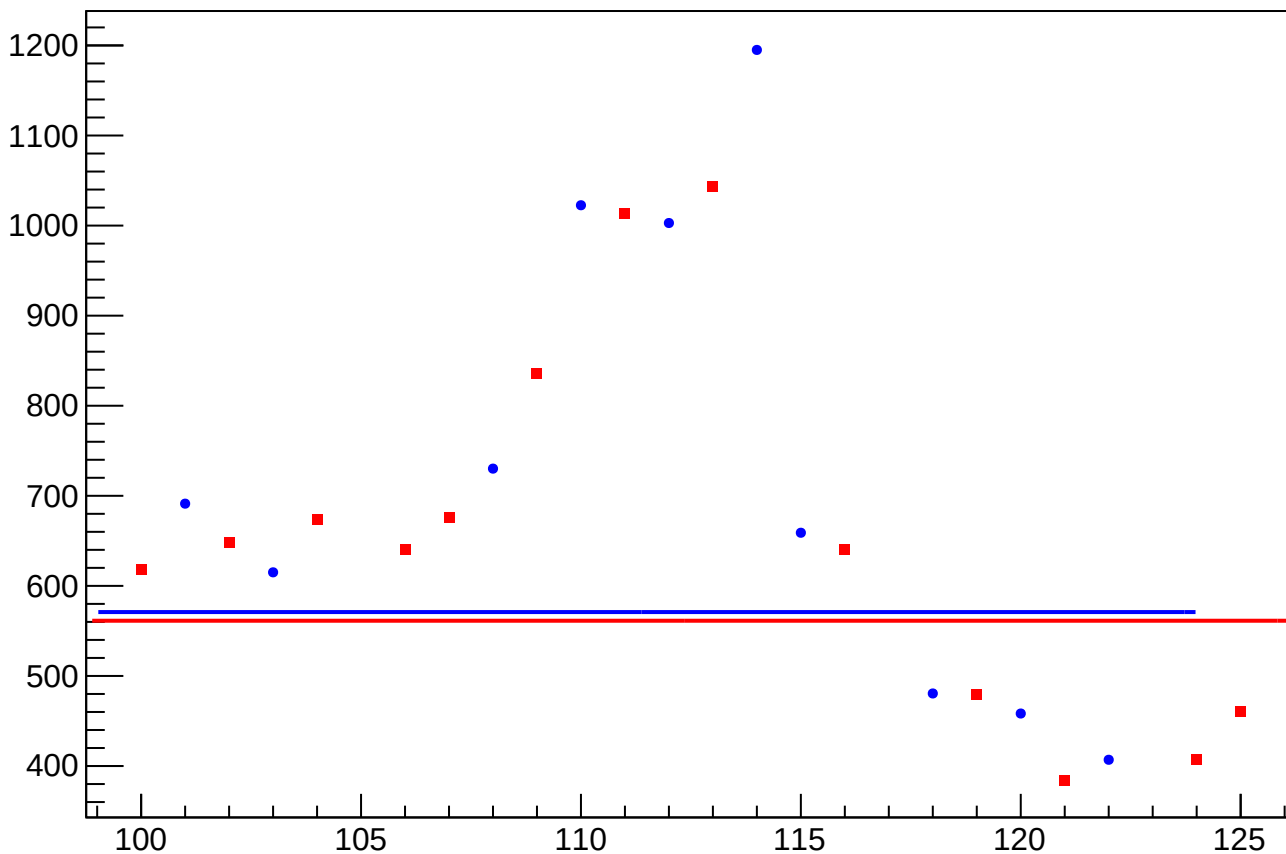
Right: -141.721+/-197.053 χ^2/NDF : 19.1/22

In: -285.028+/-295.511 χ^2/NDF : 6.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -141.721+/-197.053 χ^2/NDF : 19.1/22

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: 561.306+/-0.187 χ^2/NDF : 870655.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

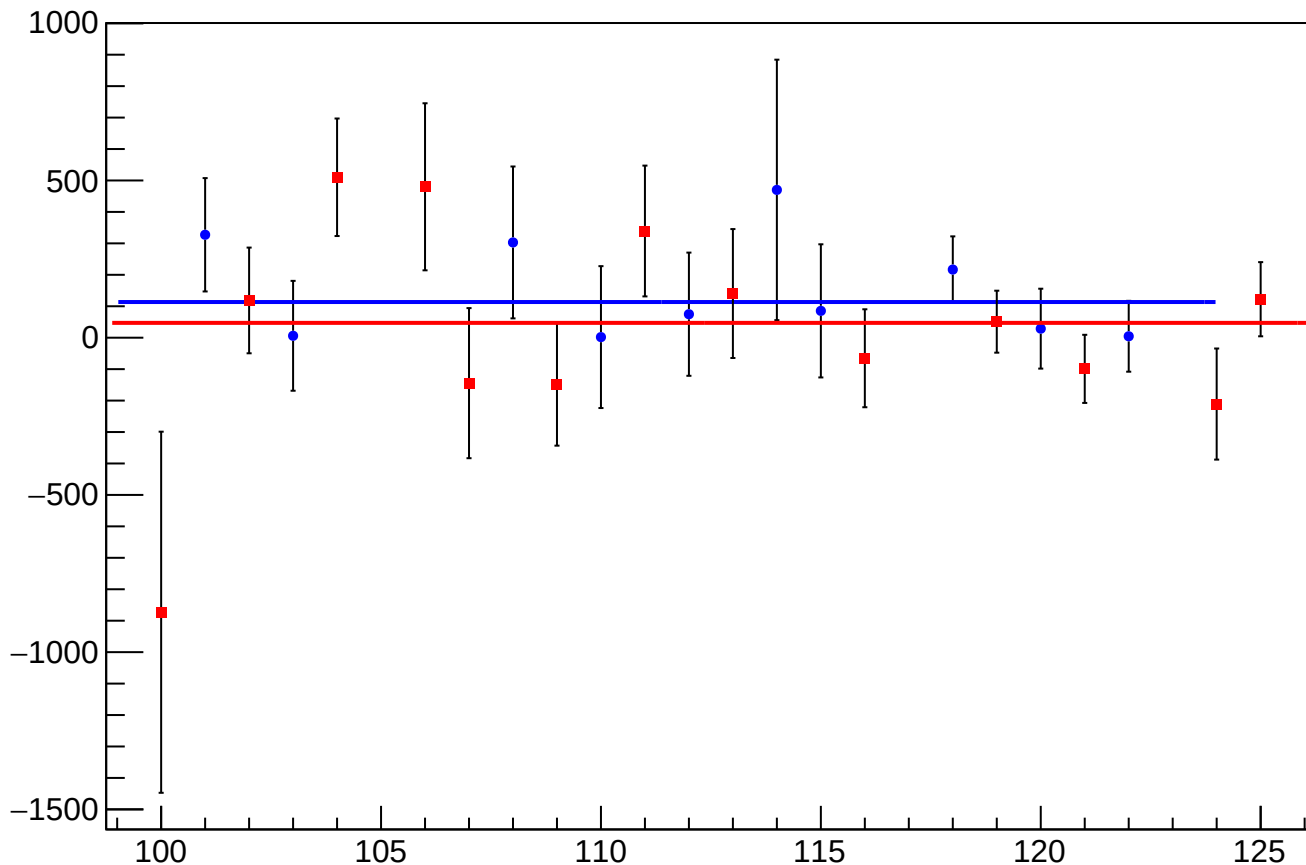
Right: 565.583+/-0.139 χ^2/NDF : 1568012.2/22

In: 570.926+/-0.209 χ^2/NDF : 696180.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 565.583+/-0.139 χ^2/NDF : 1568012.2/22

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: 47.150 $\pm$ 44.481 χ^2 /NDF: 20.3/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

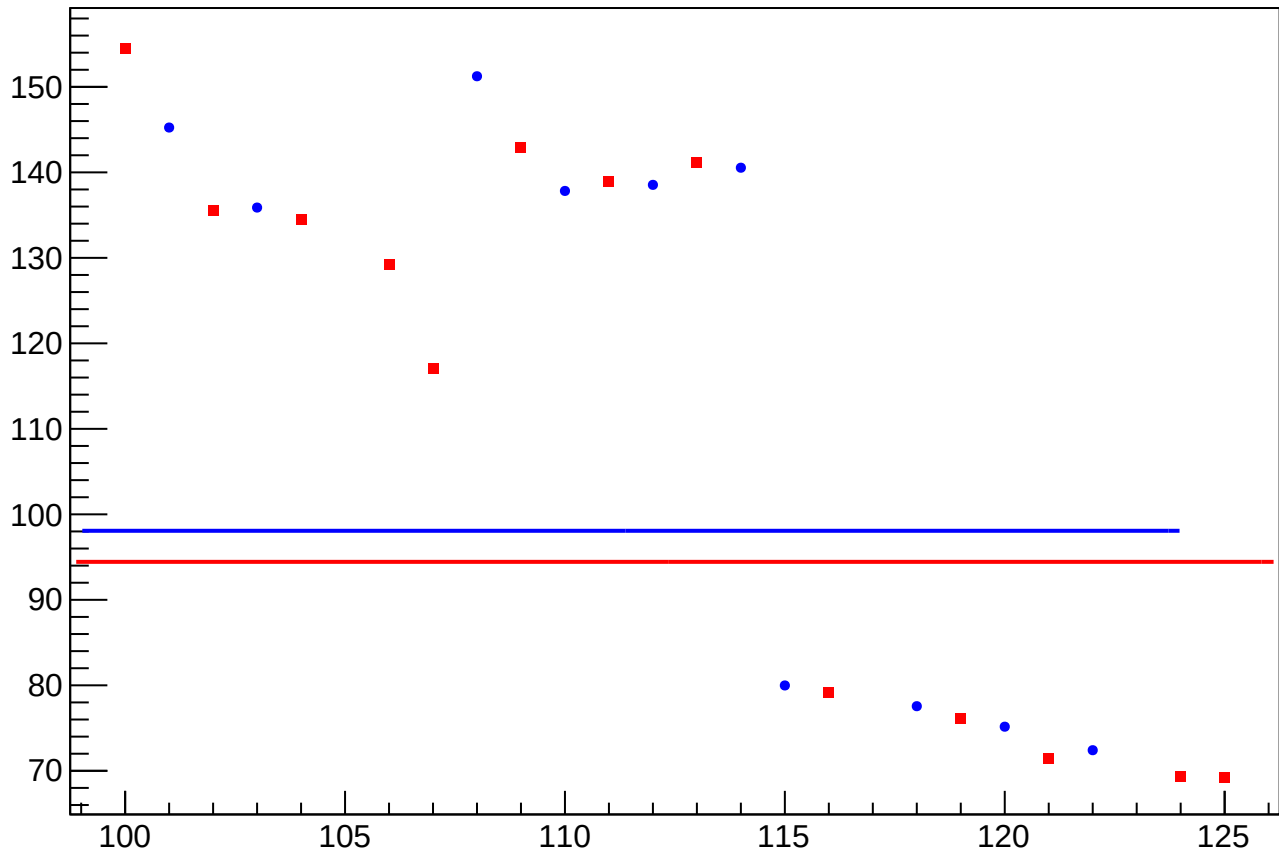
Right: 75.812 $\pm$ 33.512 χ^2 /NDF: 27.0/22

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: 75.812 $\pm$ 33.512 χ^2 /NDF: 27.0/22

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: 94.443+/-0.031 χ^2/NDF : 914577.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

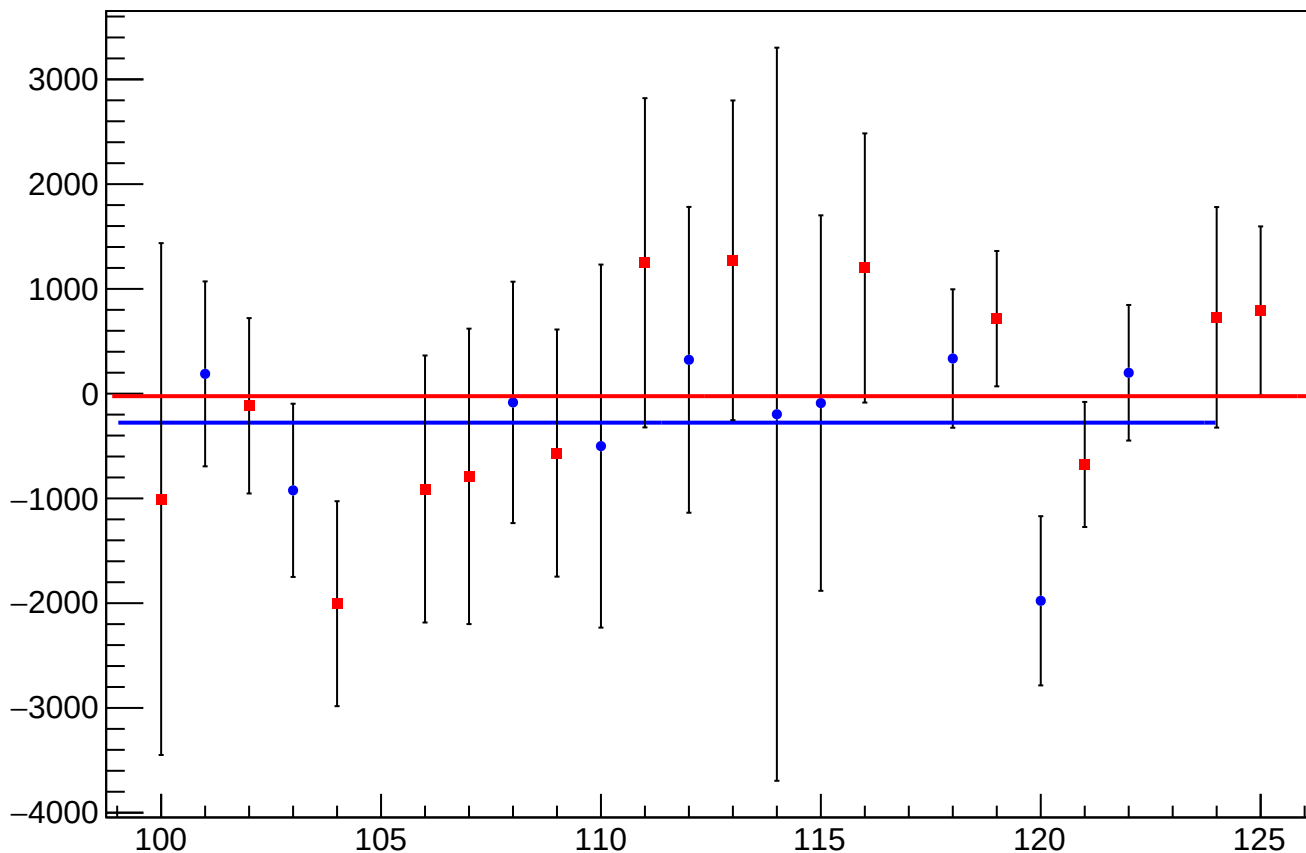
Right: 96.013+/-0.024 χ^2/NDF : 1675370.3/22

In: 98.076+/-0.036 χ^2/NDF : 755024.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.013+/-0.024 χ^2/NDF : 1675370.3/22

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: -23.959+/-271.572 χ^2/NDF : 11.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

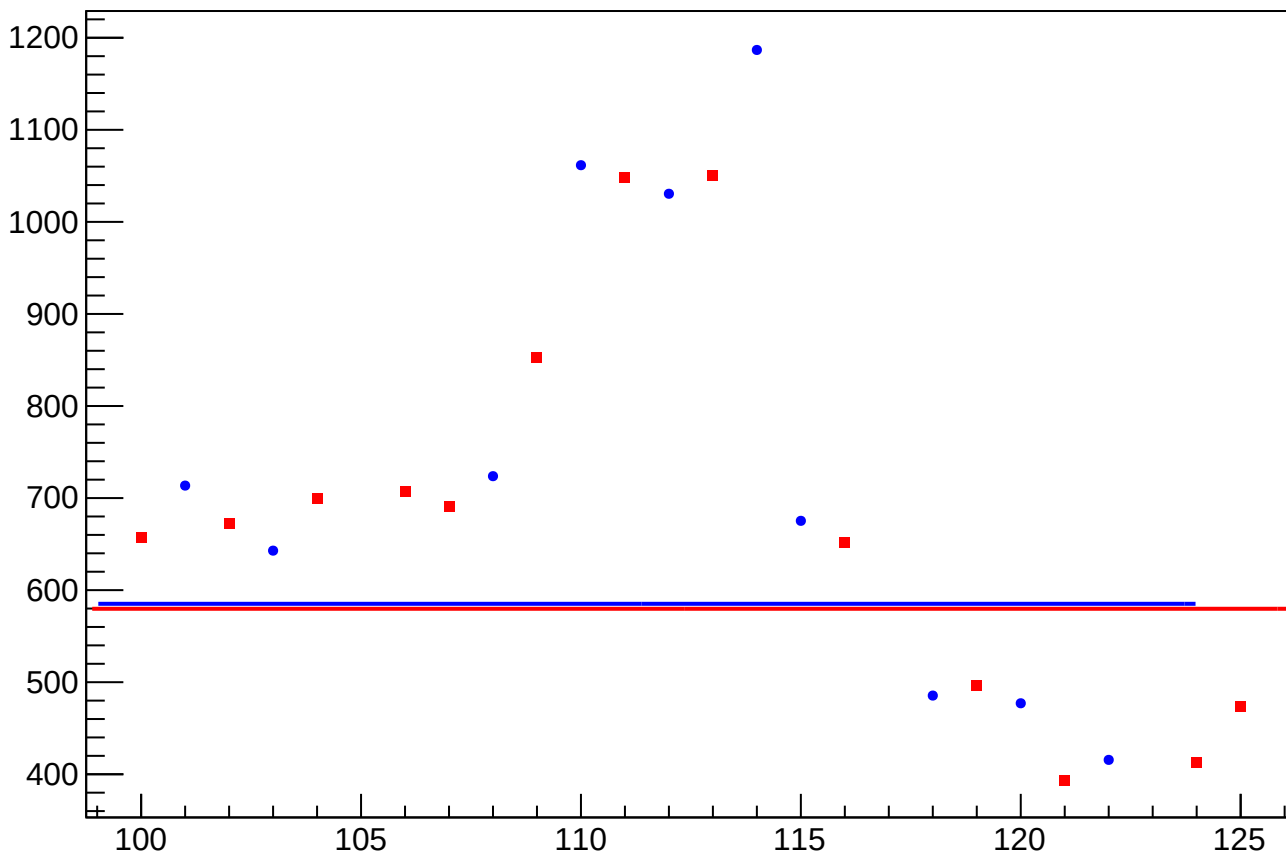
Right: -136.653+/-202.175 χ^2/NDF : 18.9/22

In: -276.763+/-302.810 χ^2/NDF :6.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -136.653+/-202.175 χ^2/NDF : 18.9/22

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: 579.759+/-0.192 χ^2/NDF : 883038.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

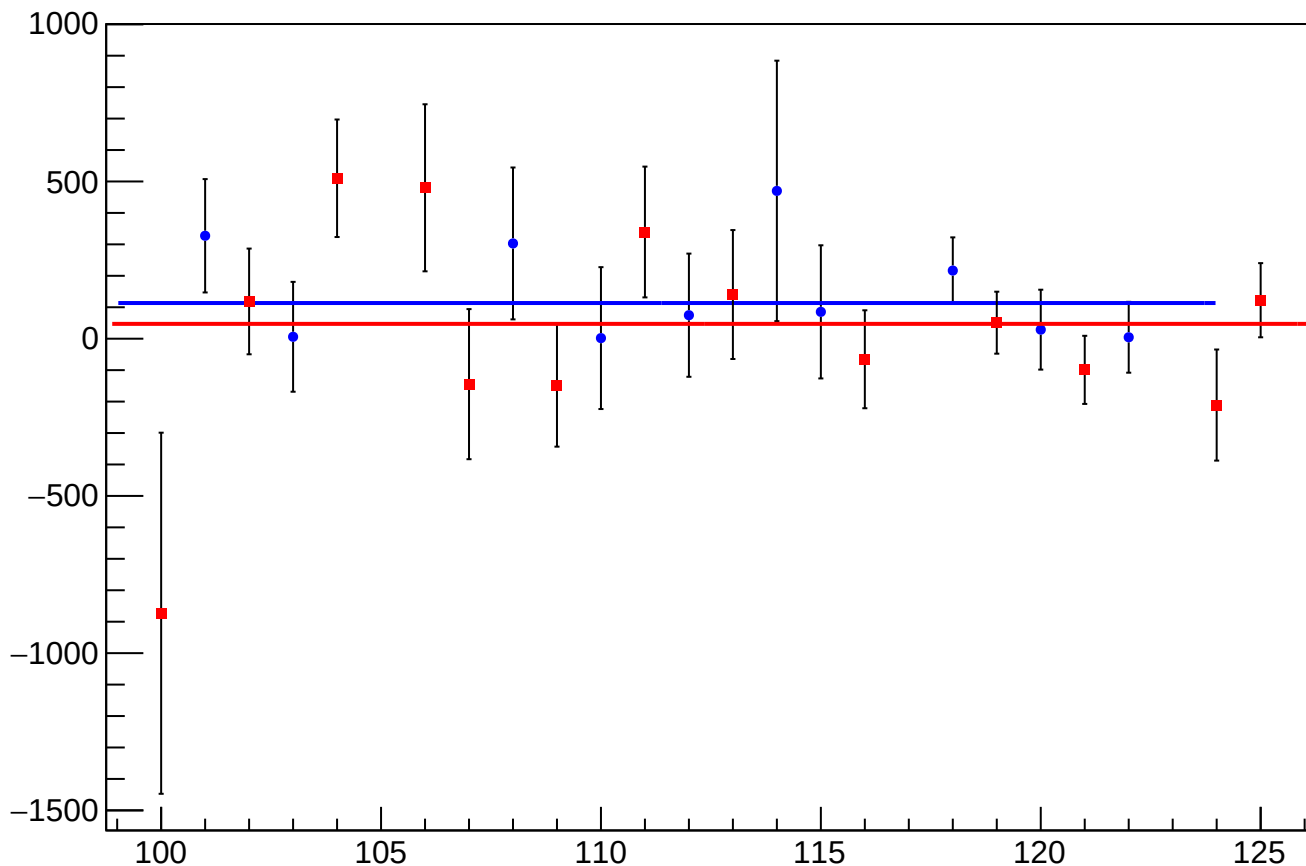
Right: 582.166+/-0.143 χ^2/NDF : 1584580.6/22

In: 585.158+/-0.214 χ^2/NDF : 701190.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 582.166+/-0.143 χ^2/NDF : 1584580.6/22

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: 47.149 $\pm$ 44.481 χ^2 /NDF: 20.3/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

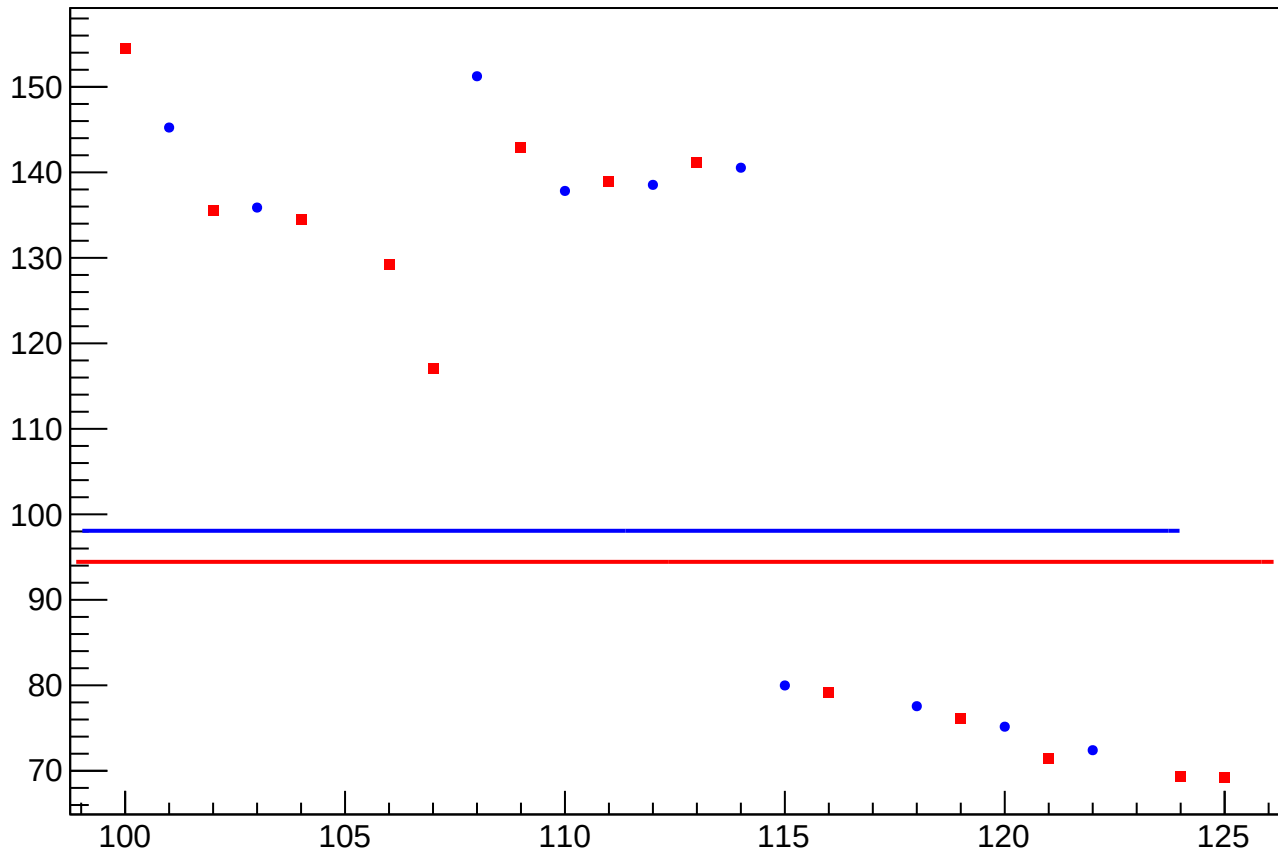
Right: 75.812 $\pm$ 33.512 χ^2 /NDF: 27.0/22

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: 75.812 $\pm$ 33.512 χ^2 /NDF: 27.0/22

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: 94.442+/-0.031 χ^2/NDF : 914578.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

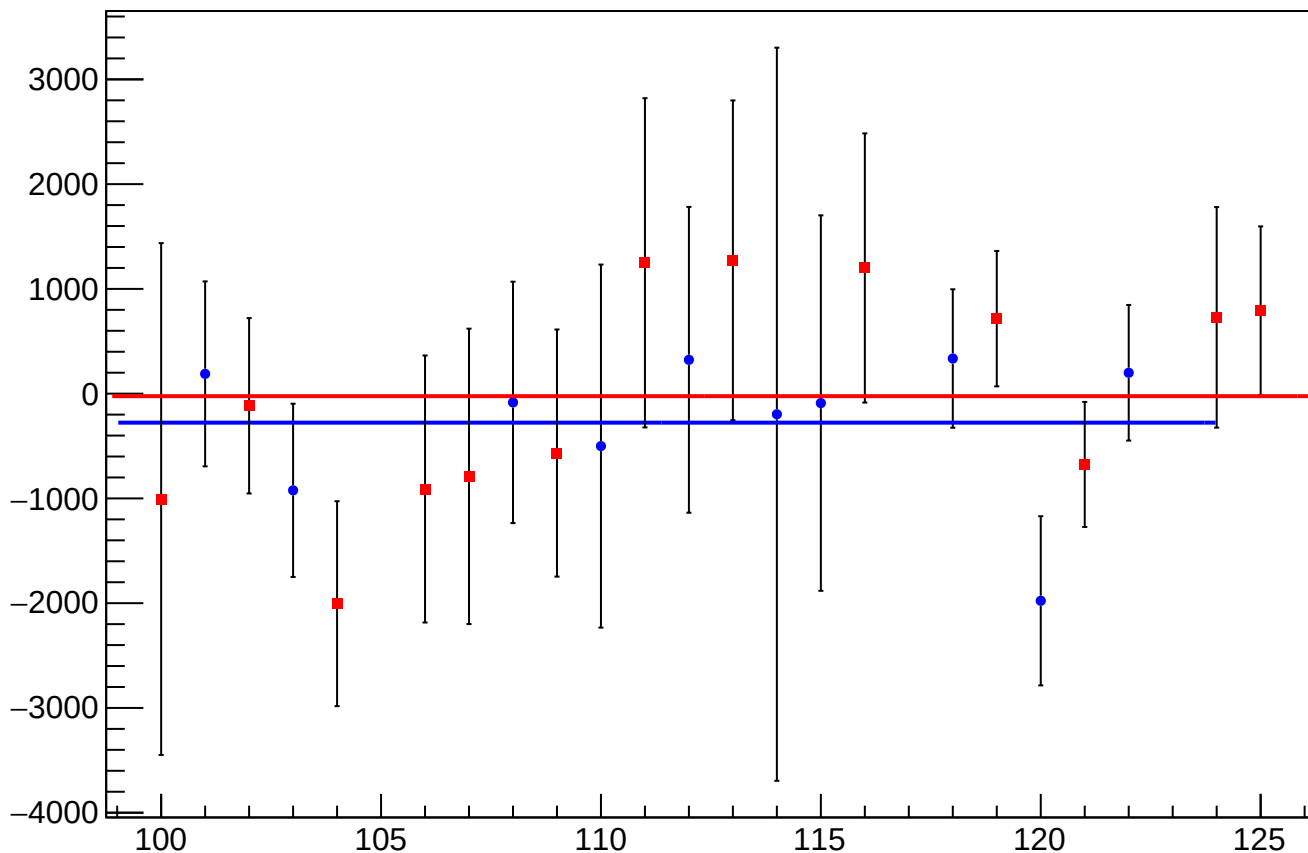
Right: 96.013+/-0.024 χ^2/NDF : 1675371.5/22

In: 98.075+/-0.036 χ^2/NDF : 755025.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.013+/-0.024 χ^2/NDF : 1675371.5/22

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: -23.959+/-271.571 χ^2/NDF : 11.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

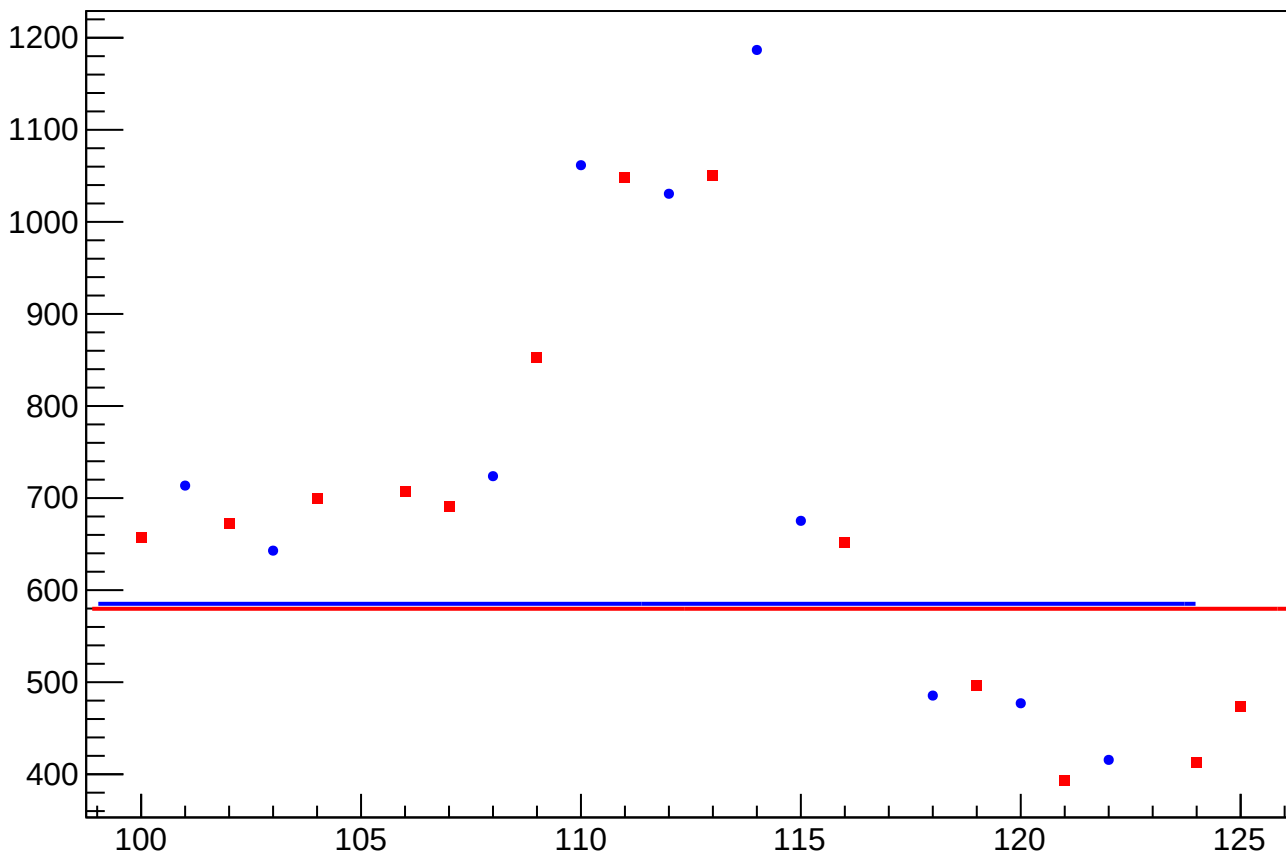
Right: -136.653+/-202.175 χ^2/NDF : 18.9/22

In: -276.764+/-302.809 χ^2/NDF :6.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -136.653+/-202.175 χ^2/NDF : 18.9/22

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: 579.758+/-0.192 χ^2/NDF : 883039.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

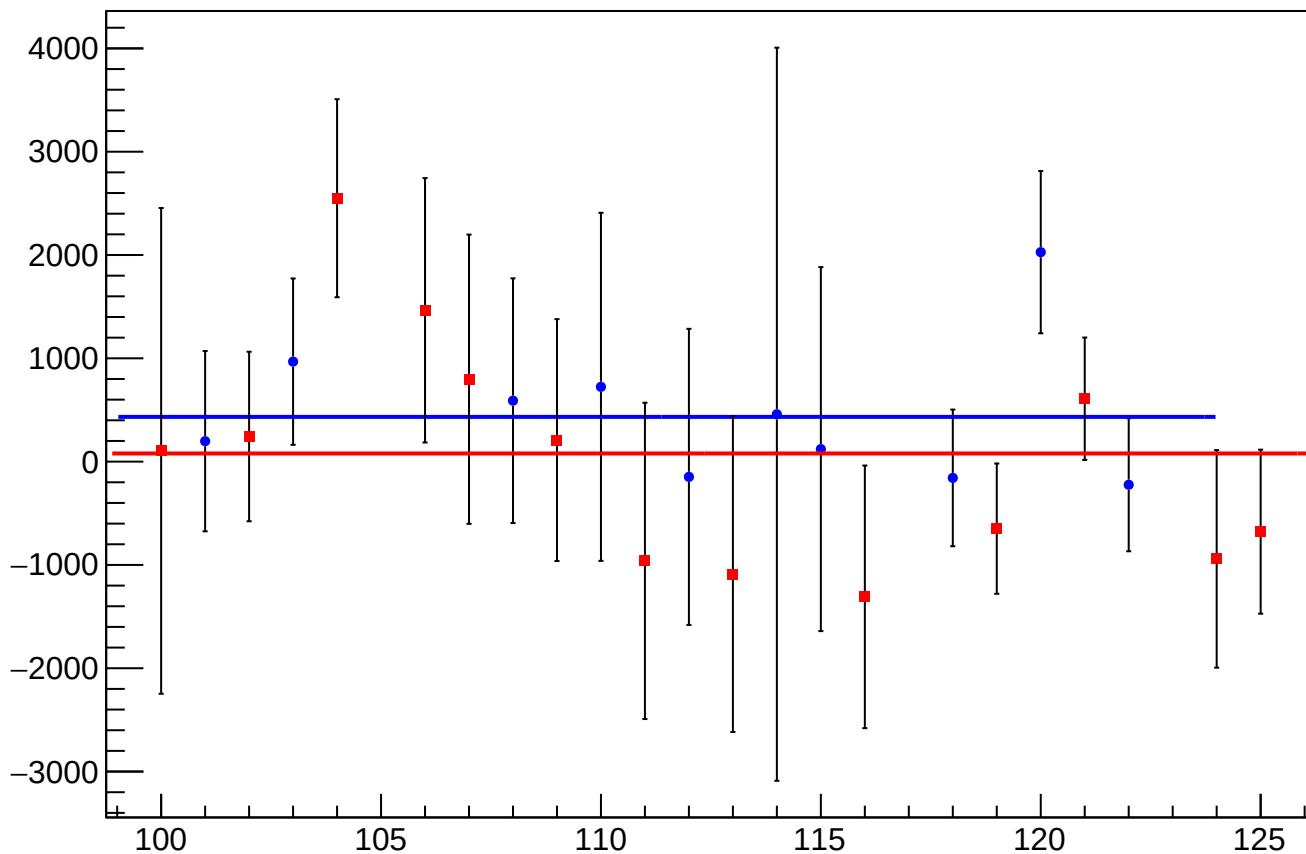
Right: 582.165+/-0.143 χ^2/NDF : 1584583.6/22

In: 585.157+/-0.214 χ^2/NDF : 701191.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 582.165+/-0.143 χ^2/NDF : 1584583.6/22

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: 79.111 $\pm$ 267.926 χ^2 /NDF: 14.3/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

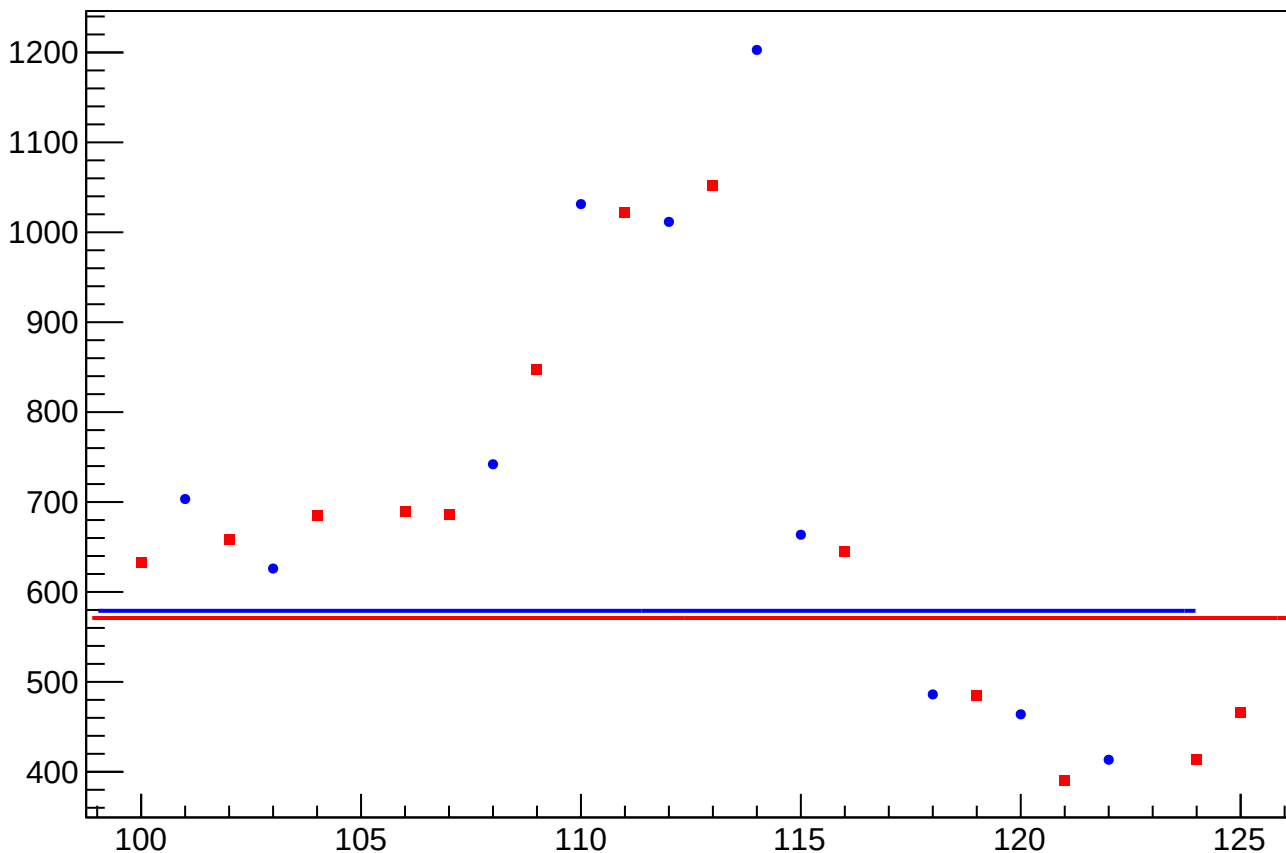
Right: 236.350 $\pm$ 199.752 χ^2 /NDF: 21.8/22

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: 236.350 $\pm$ 199.752 χ^2 /NDF: 21.8/22

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: 571.058+/-0.189 χ^2/NDF : 875779.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

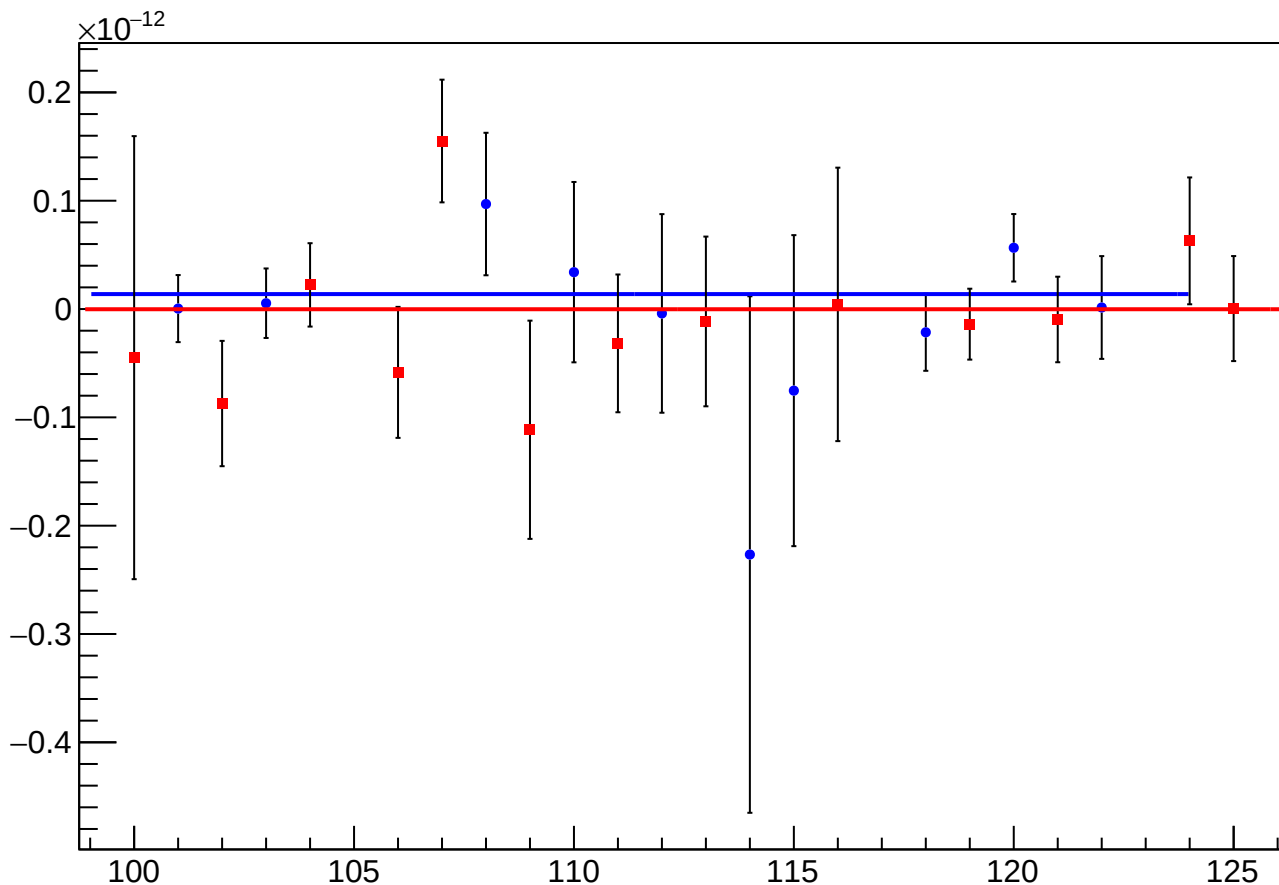
Right: 574.599+/-0.141 χ^2/NDF : 1569570.6/22

In: 579.030+/-0.212 χ^2/NDF : 693004.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 574.599+/-0.141 χ^2/NDF : 1569570.6/22

asym_sam1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

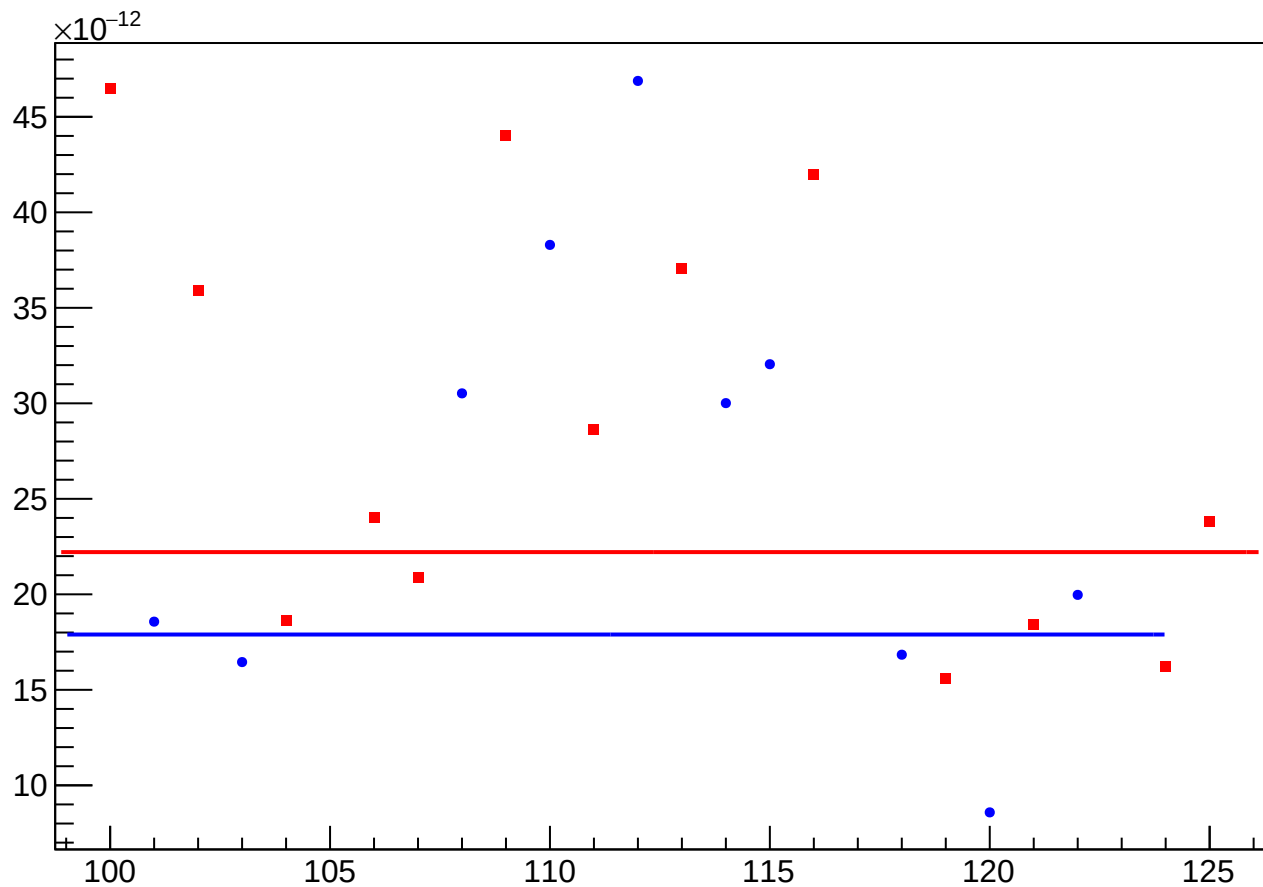
Right: 0.000+/-0.000 χ^2/NDF : 20.7/22

In: 0.000+/-0.000 χ^2/NDF : 6.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.7/22

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 : 519606.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

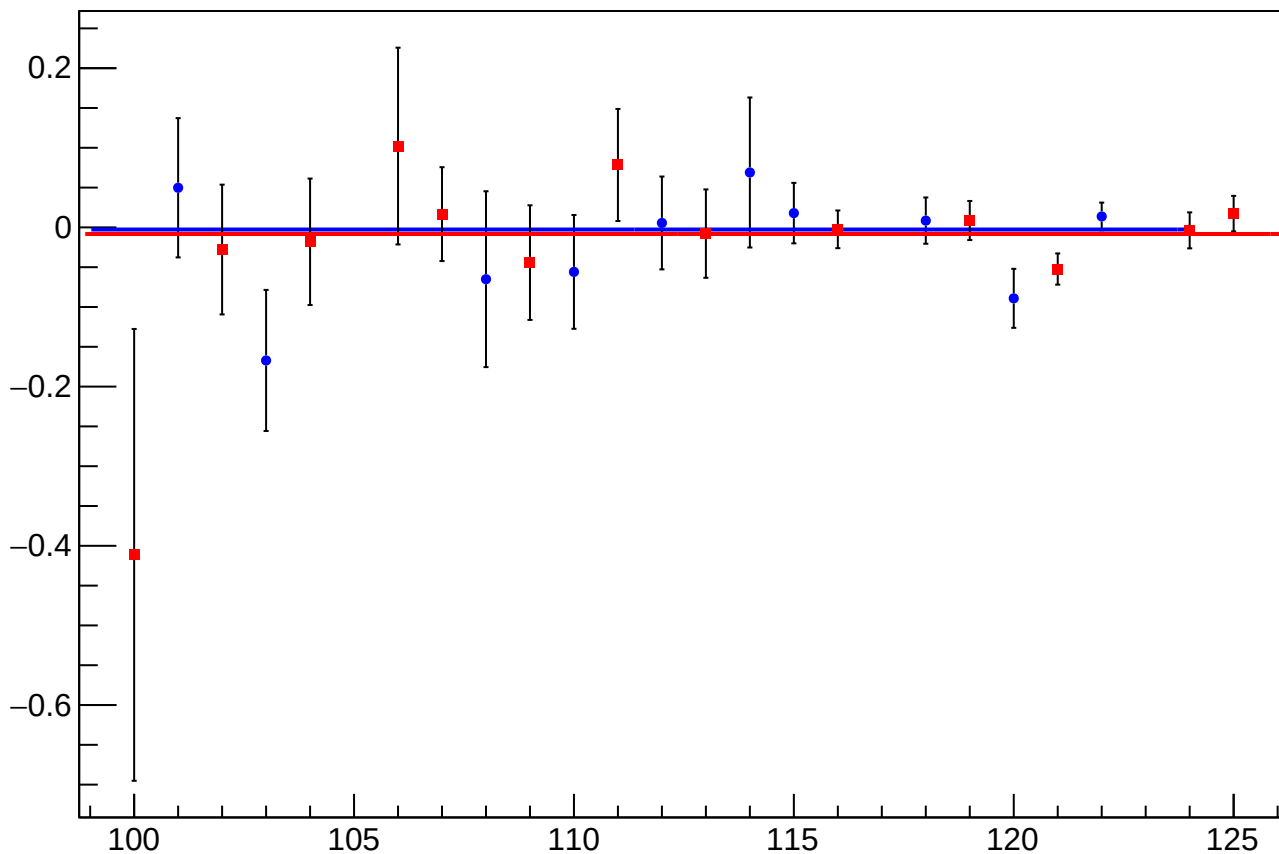
Right: 0.000+/-0.000 χ^2/NDF : 1213602.6/22

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 : 1213602.6/22

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: -0.008+/-0.009 χ^2/NDF : 11.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

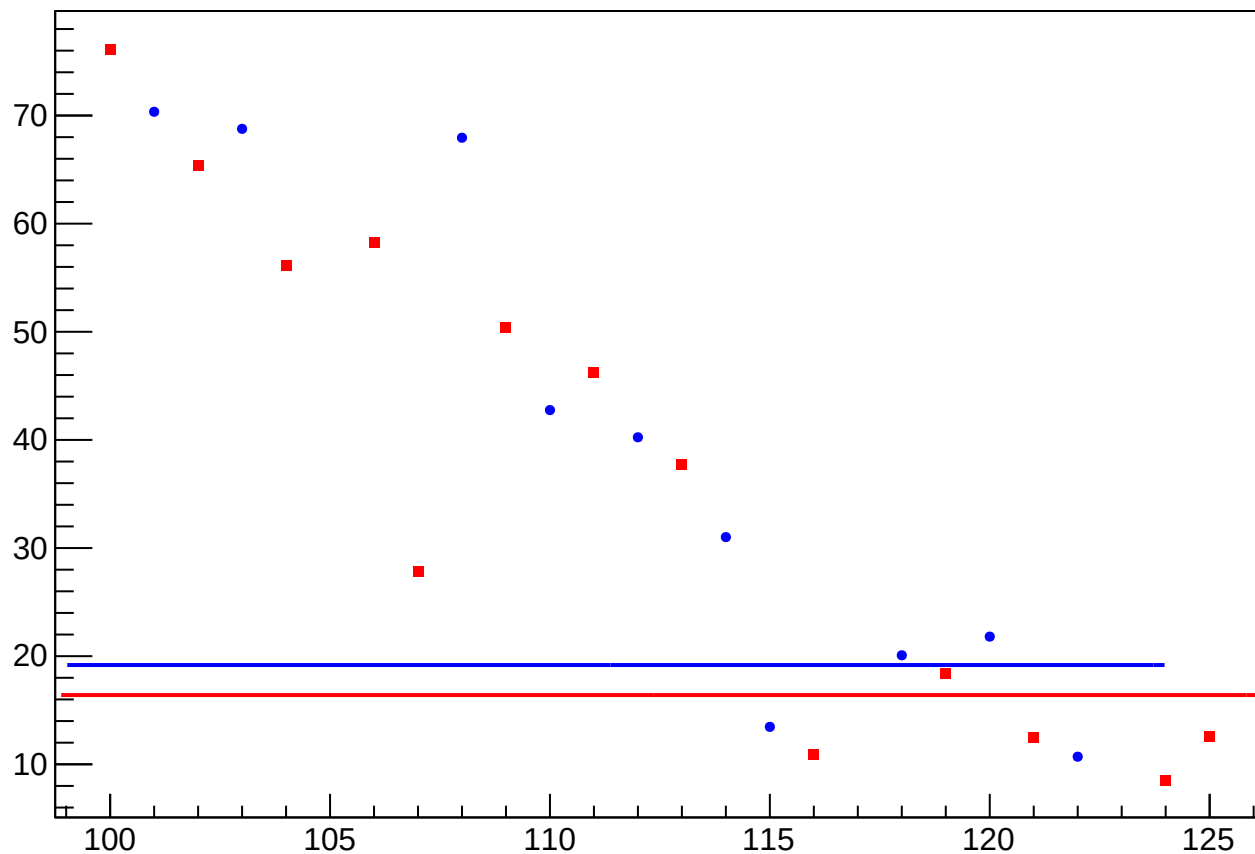
Right: -0.006+/-0.007 χ^2/NDF : 24.0/22

In: -0.003+/-0.012 χ^2/NDF :12.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.006+/-0.007 χ^2/NDF : 24.0/22

asym_sam1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.182 $\pm$ 0.009 χ^2 /NDF: 2744844.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 16.404 $\pm$ 0.007 χ^2 /NDF: 3219095.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

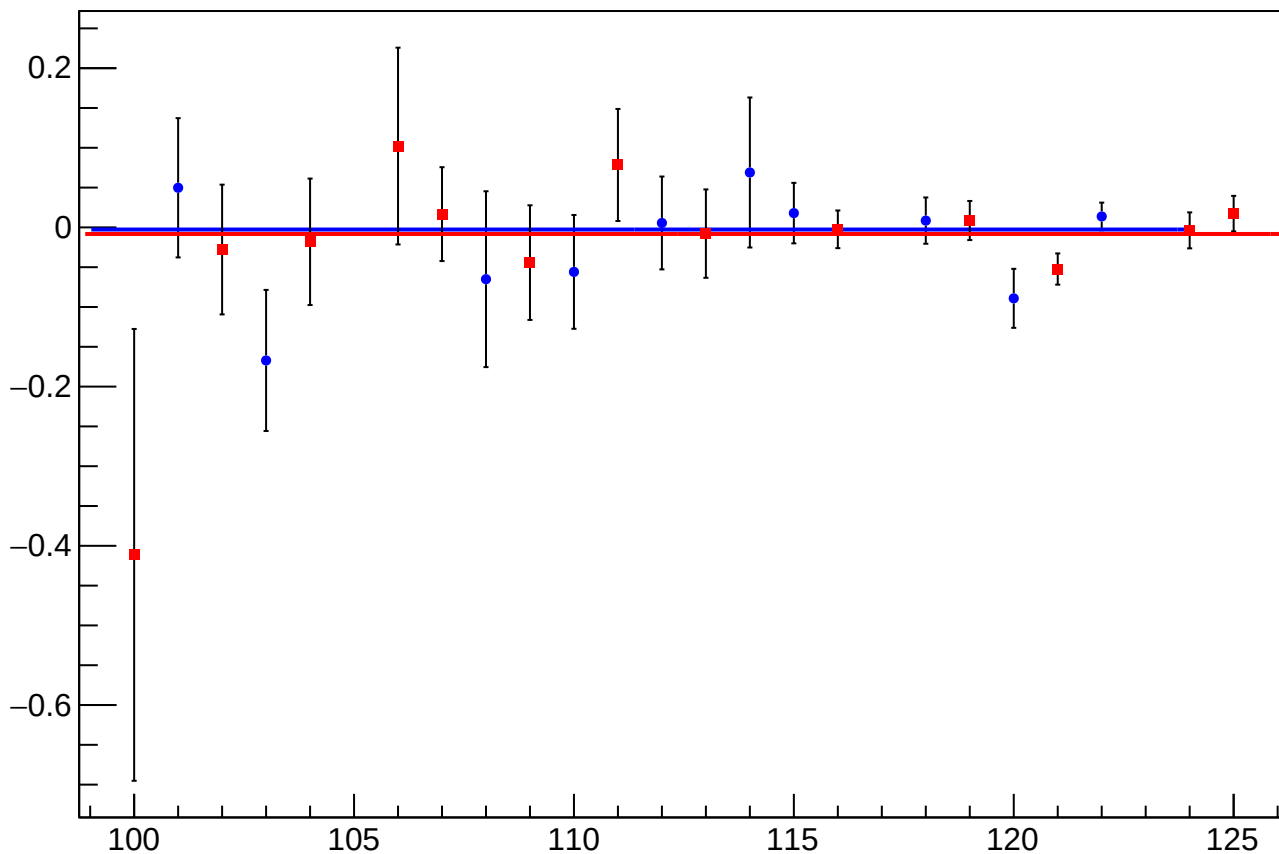
Right: 17.448 $\pm$ 0.005 χ^2 /NDF: 6030107.6/22

In: 19.182 $\pm$ 0.009 χ^2 /NDF:2744844.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 17.448 $\pm$ 0.005 χ^2 /NDF: 6030107.6/22

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: -0.008+/-0.009 χ^2 /NDF: 11.8/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

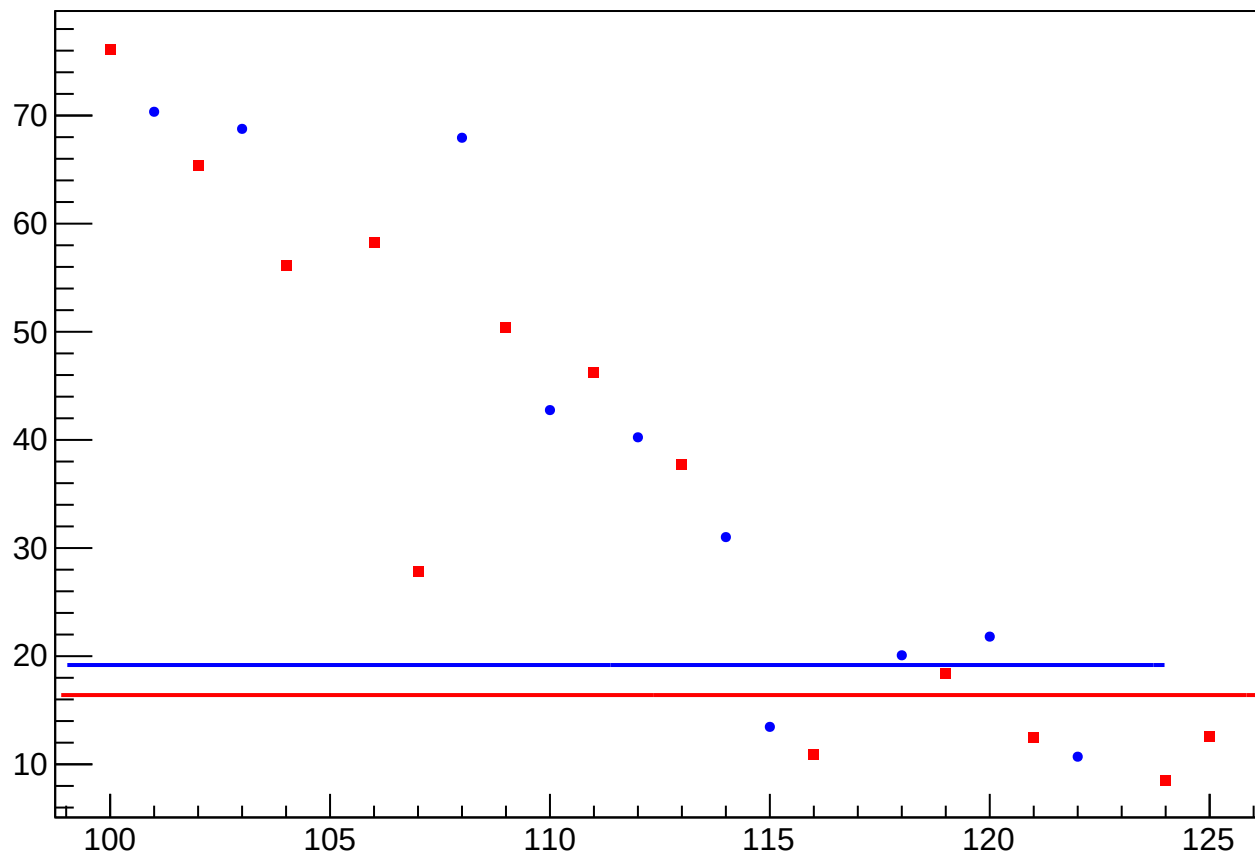
Right: -0.006+/-0.007 χ^2 /NDF: 24.0/22

In: -0.003+/-0.012 χ^2 /NDF:12.1/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.006+/-0.007 χ^2 /NDF: 24.0/22

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: 16.404+/-0.007 χ^2/NDF : 3219095.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

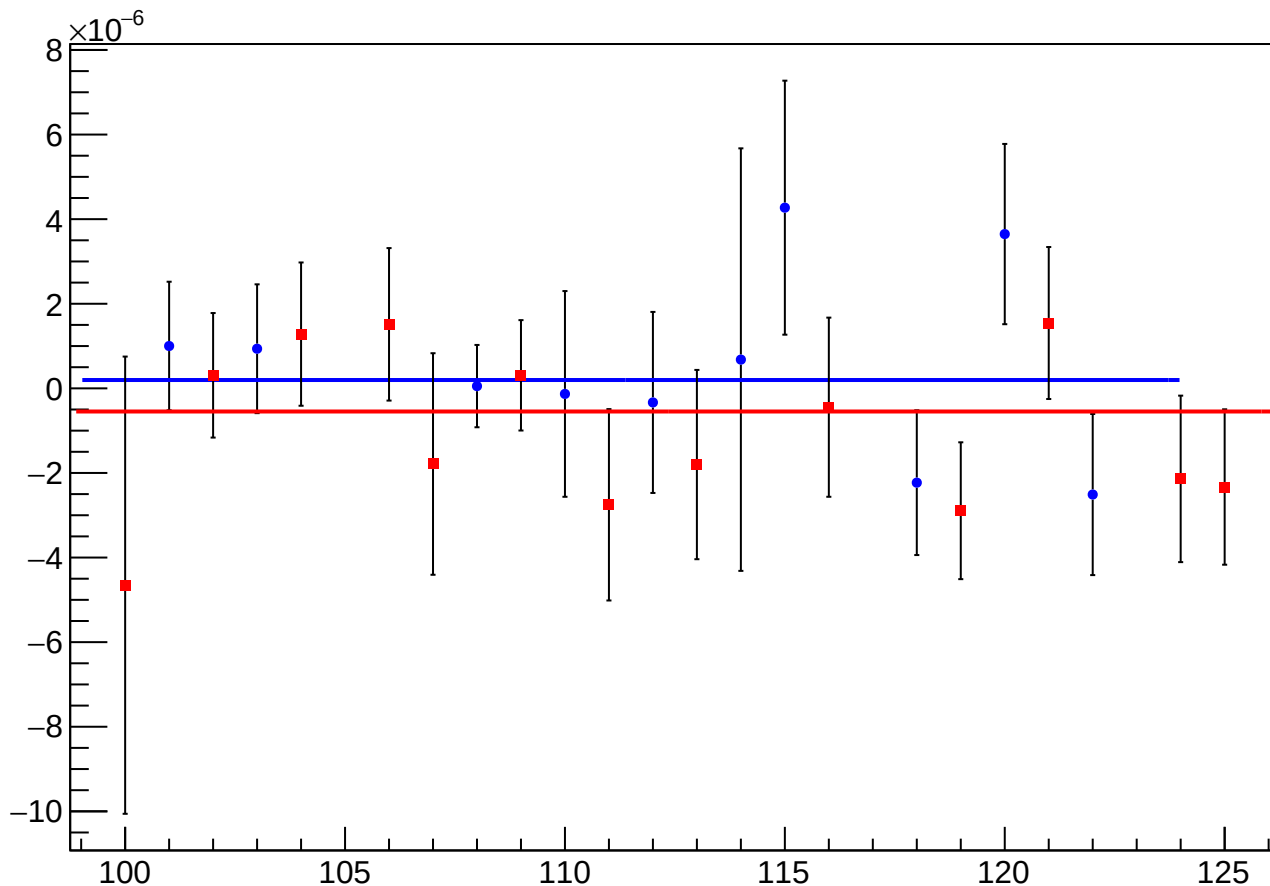
Right: 17.448+/-0.005 χ^2/NDF : 6030107.6/22

In: 19.182+/-0.009 χ^2/NDF : 2744844.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.448+/-0.005 χ^2/NDF : 6030107.6/22

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 : 10.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

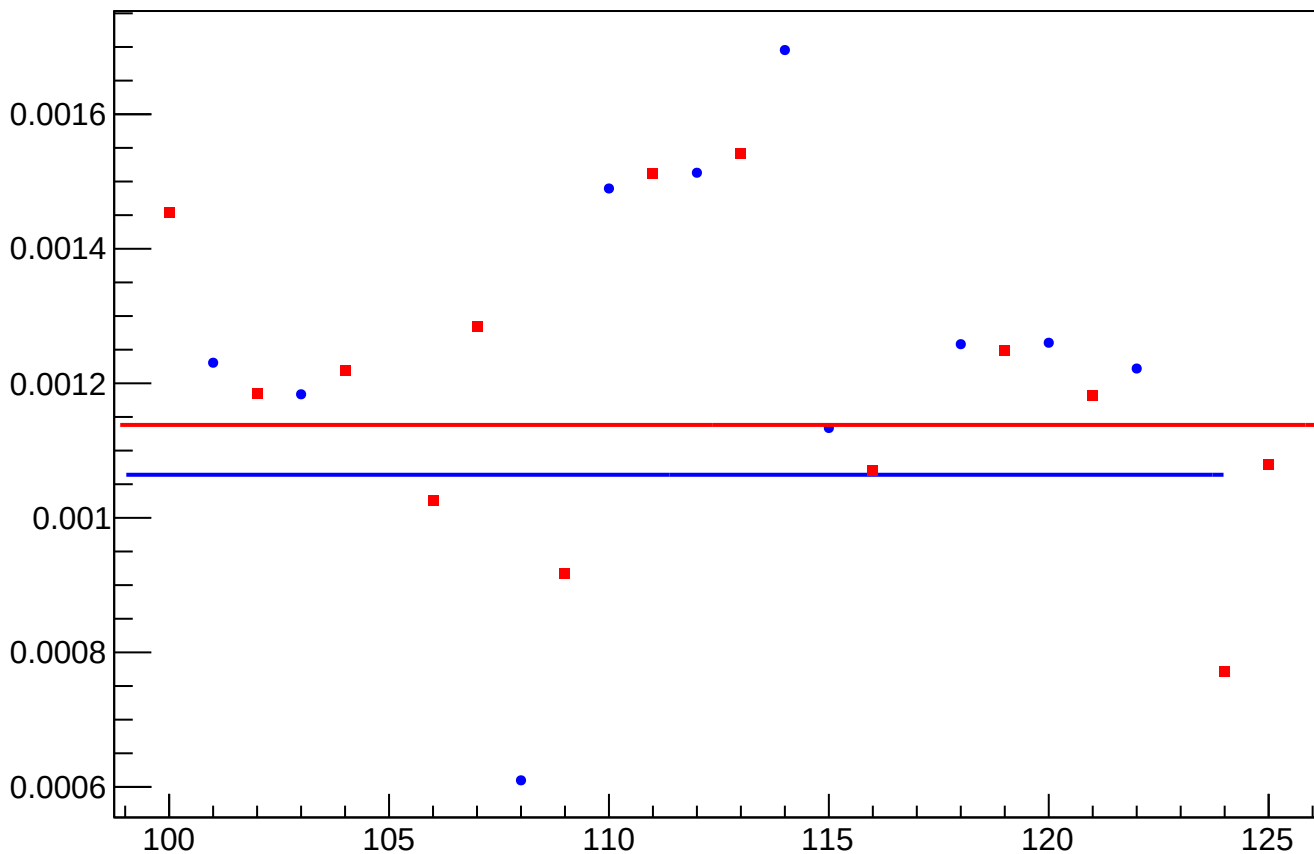
Right: -0.000+/-0.000 χ^2/NDF : 20.5/22

In: 0.000+/-0.000 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.5/22

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 : 288539.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

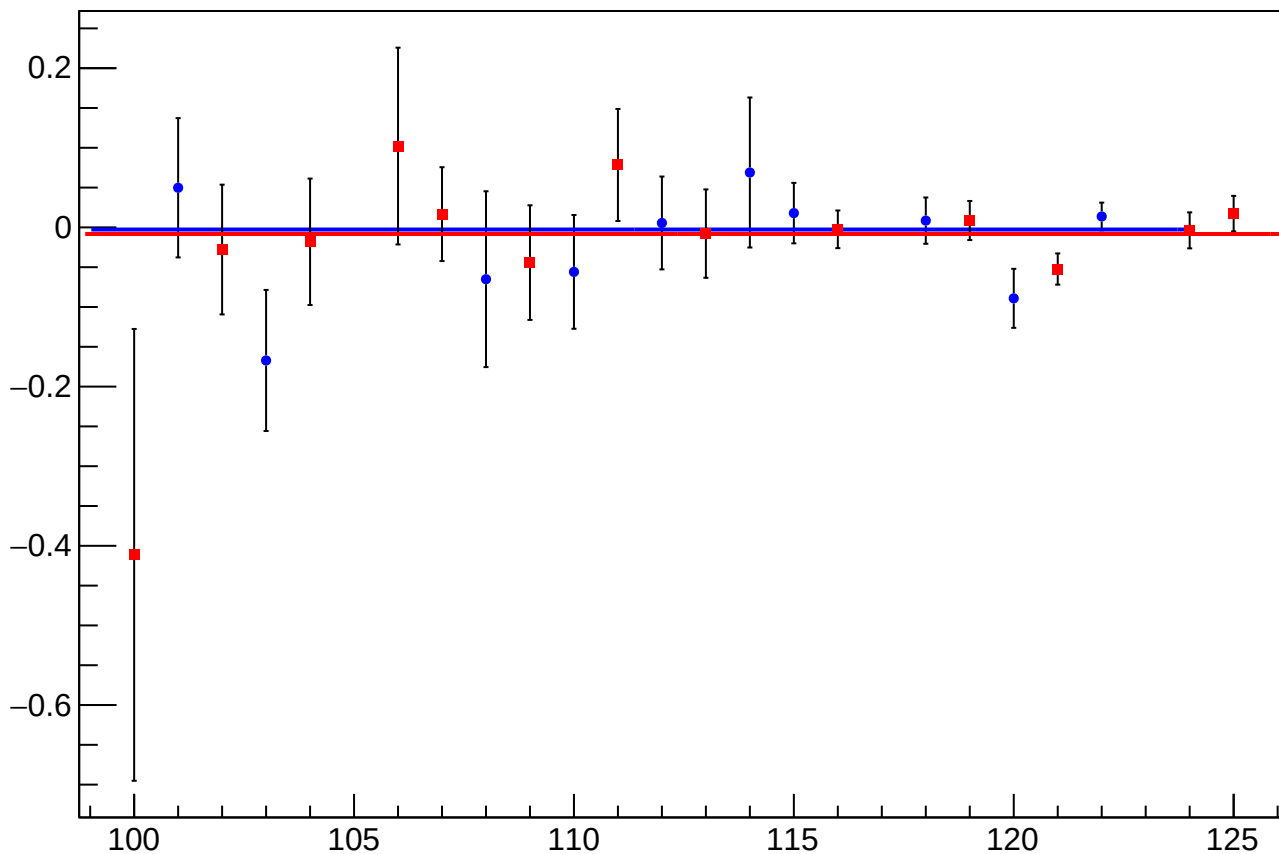
Right: 0.001+/-0.000 χ^2/NDF : 1018819.8/22

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 : 1018819.8/22

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: -0.008+/-0.009 χ^2/NDF : 11.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

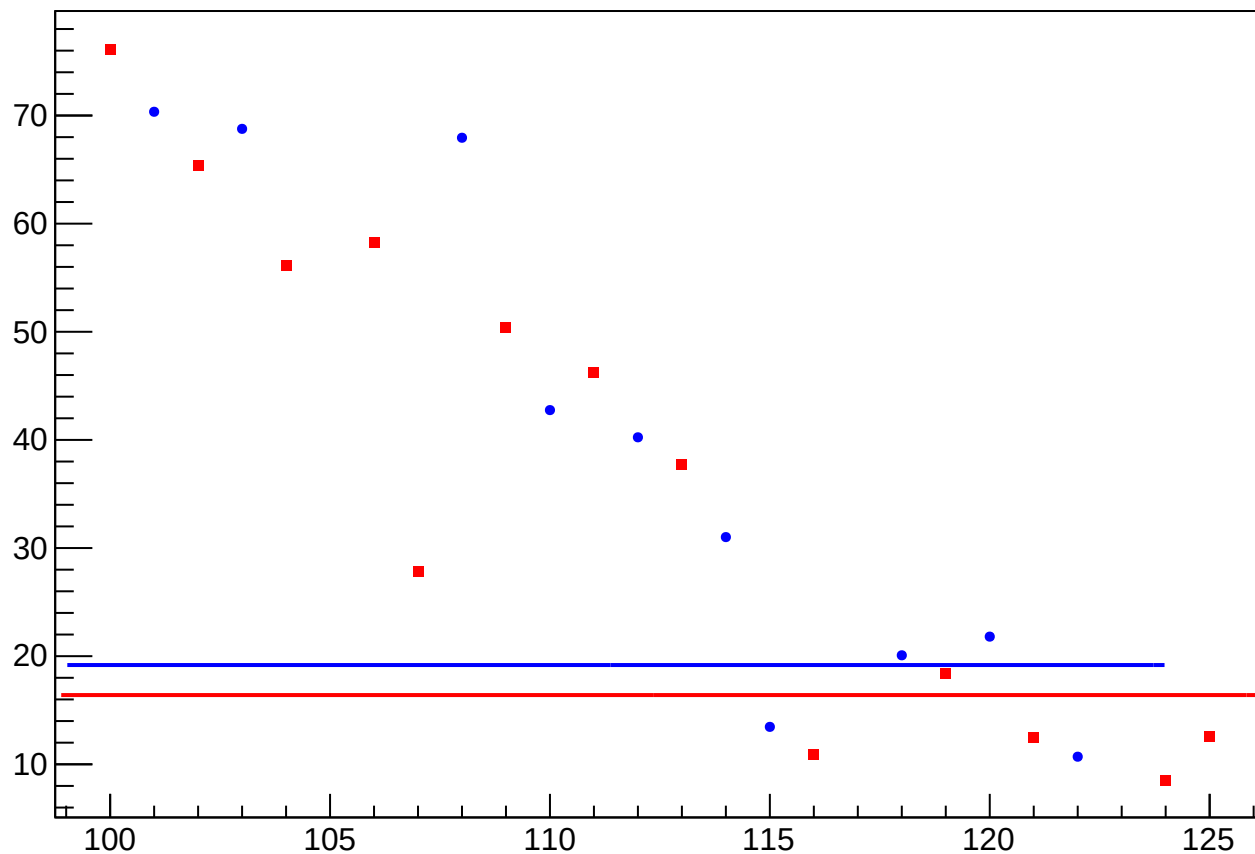
Right: -0.006+/-0.007 χ^2/NDF : 24.0/22

In: -0.003+/-0.012 χ^2/NDF :12.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.006+/-0.007 χ^2/NDF : 24.0/22

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: 16.403+/-0.007 χ^2/NDF : 3219122.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

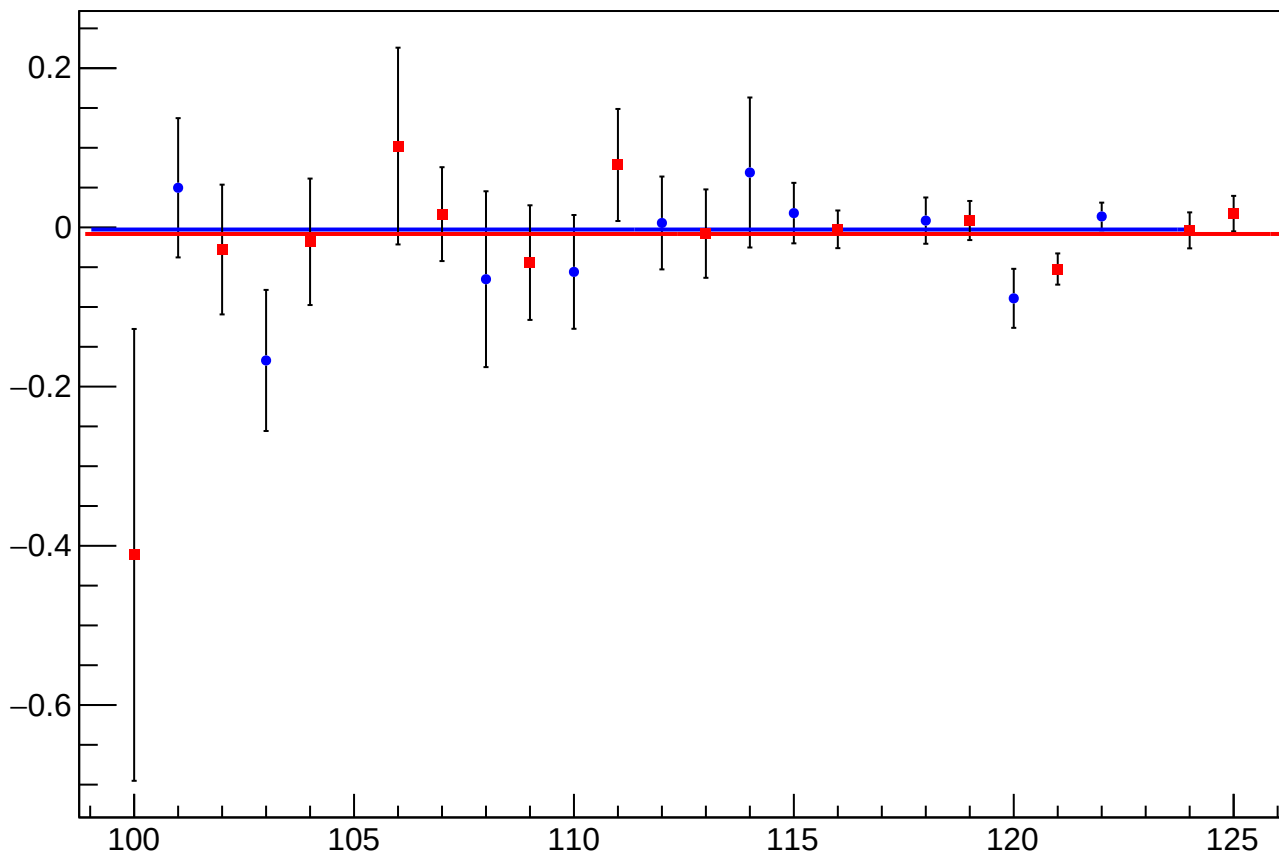
Right: 17.447+/-0.005 χ^2/NDF : 6030219.7/22

In: 19.181+/-0.009 χ^2/NDF : 2744949.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.447+/-0.005 χ^2/NDF : 6030219.7/22

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: -0.008+/-0.009 χ^2/NDF : 11.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

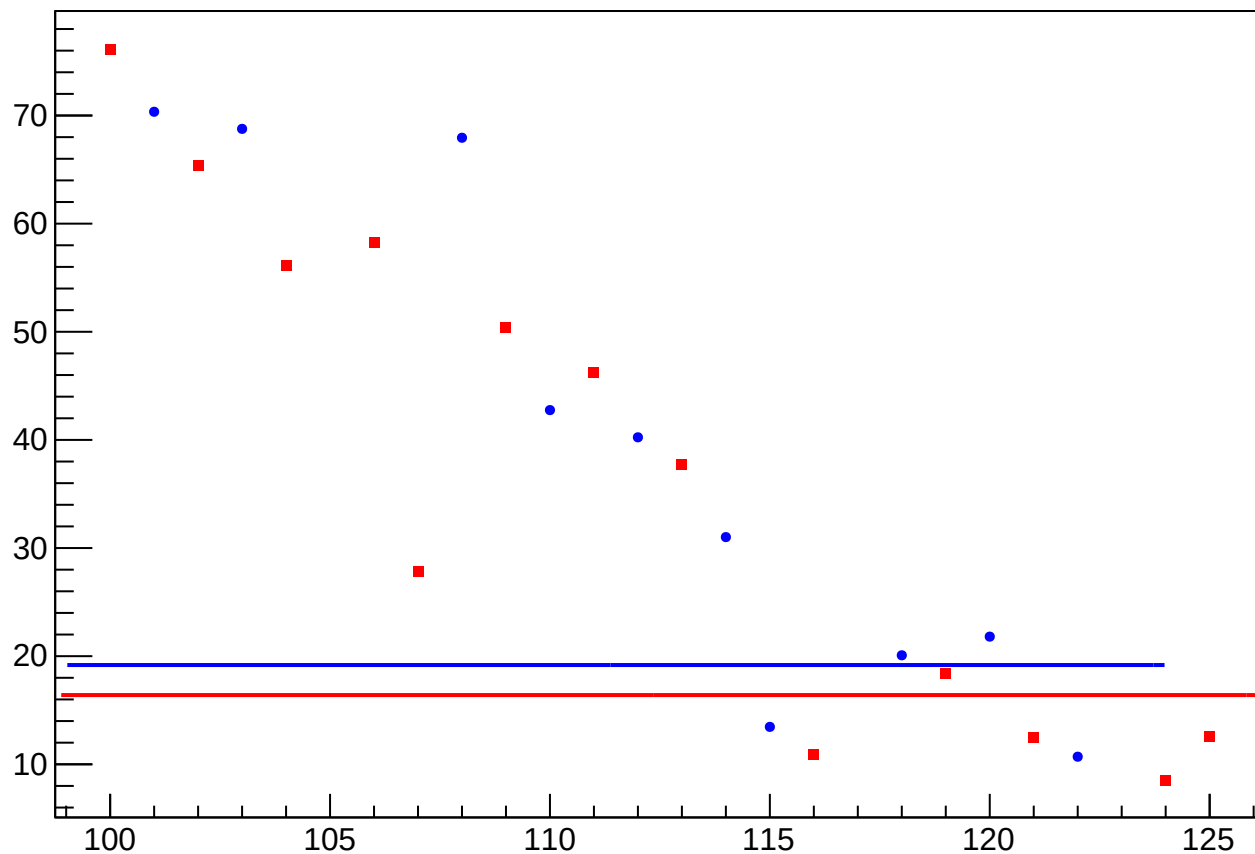
Right: -0.006+/-0.007 χ^2/NDF : 24.0/22

In: -0.003+/-0.012 χ^2/NDF :12.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.006+/-0.007 χ^2/NDF : 24.0/22

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: 16.403+/-0.007 χ^2/NDF : 3219122.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

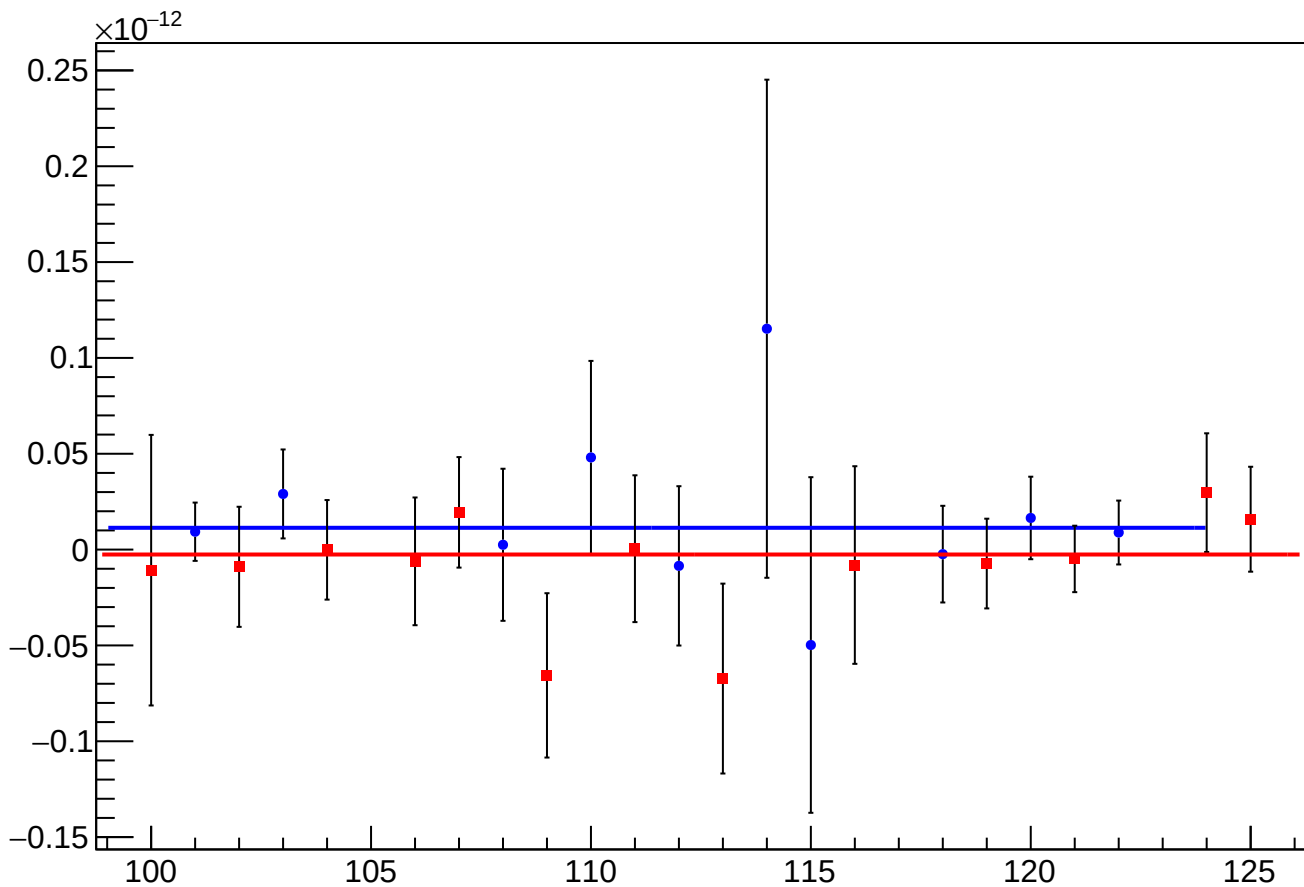
Right: 17.447+/-0.005 χ^2/NDF : 6030219.7/22

In: 19.181+/-0.009 χ^2/NDF : 2744949.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.447+/-0.005 χ^2/NDF : 6030219.7/22

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 : 6.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

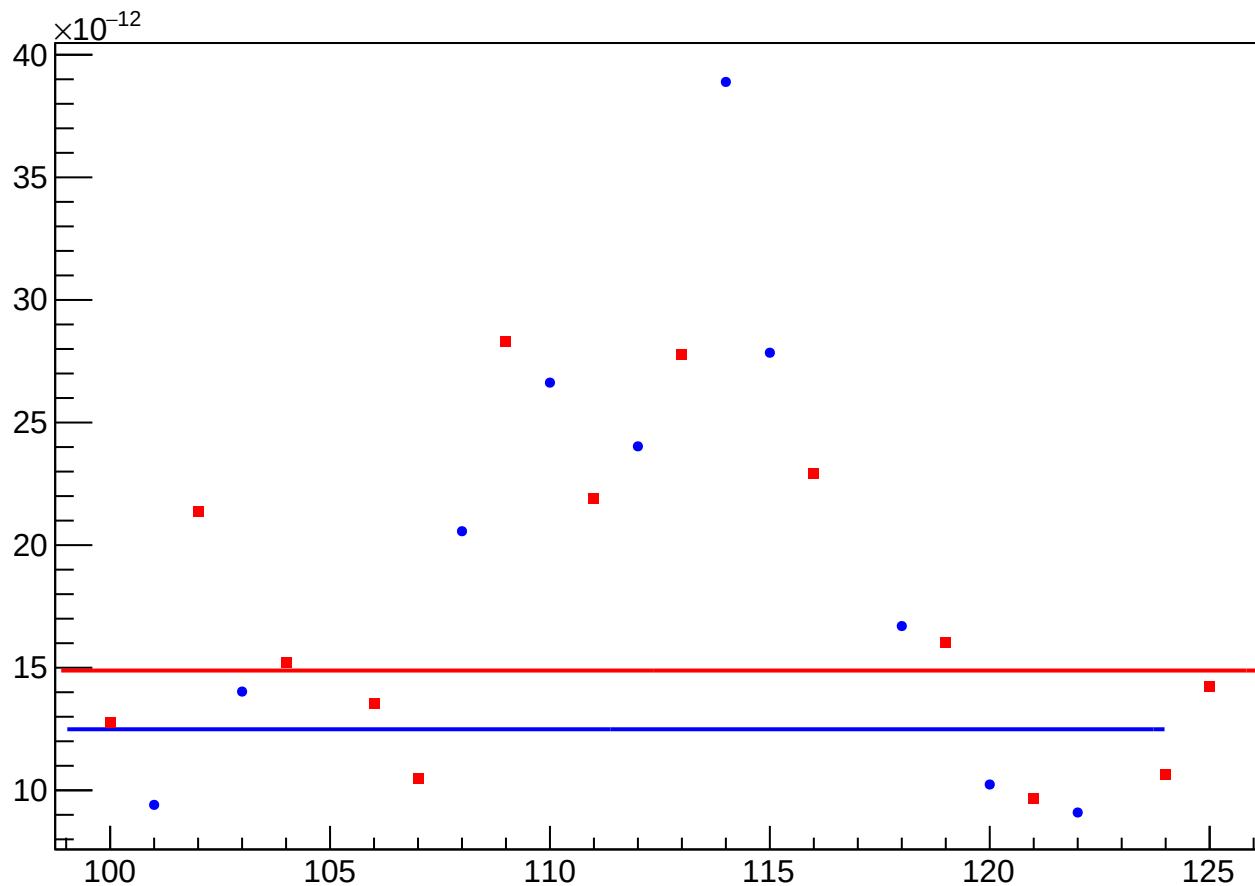
Right: 0.000+/-0.000 χ^2/NDF : 10.5/22

In: 0.000+/-0.000 χ^2/NDF : 2.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.5/22

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 : 810105.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

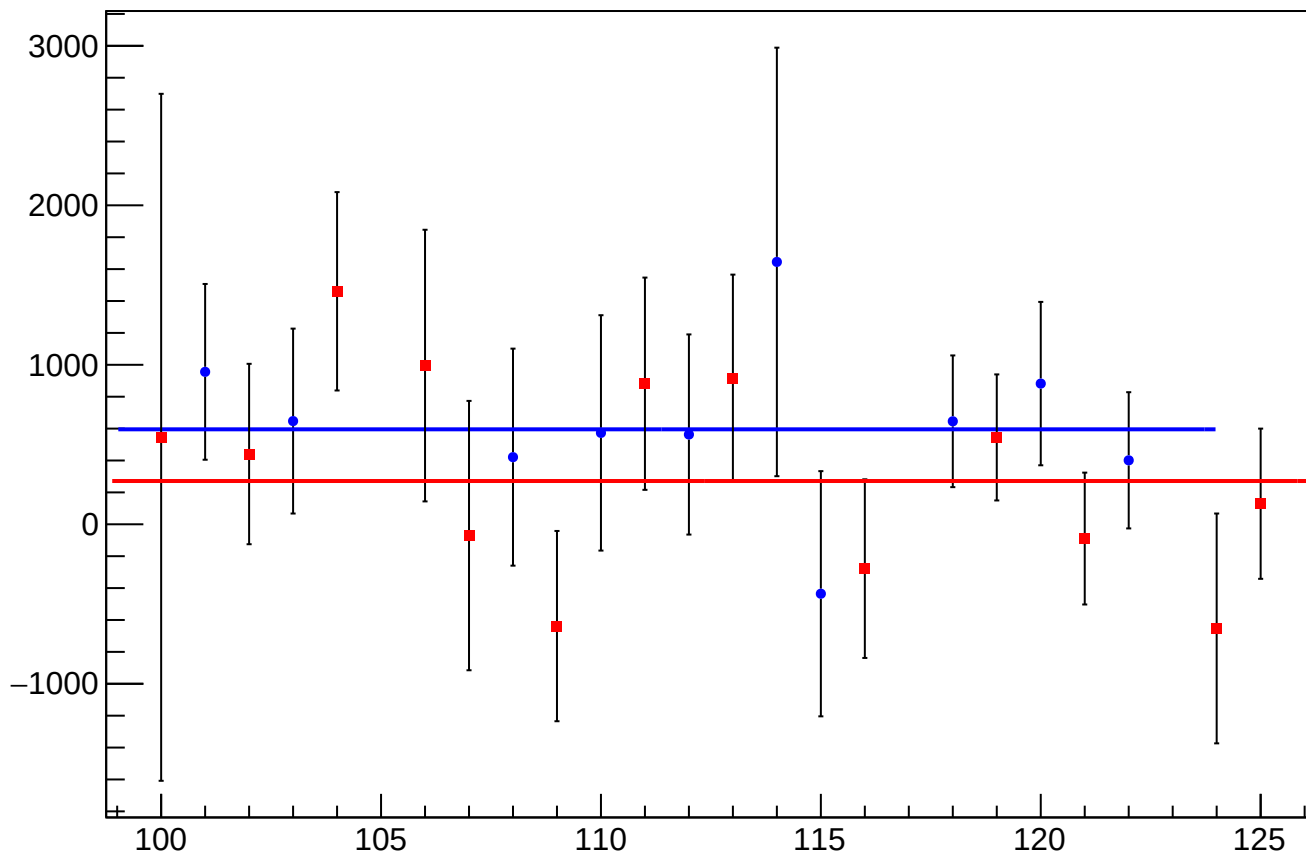
Right: 0.000+/-0.000 χ^2/NDF : 1685635.0/22

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 : 1685635.0/22

reg_asym_sam2_mean vs Slug, Sign Corrected



Right In: 595.447 $\pm$ 181.938 χ^2 /NDF: 3.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 271.367 $\pm$ 162.156 χ^2 /NDF: 12.7/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

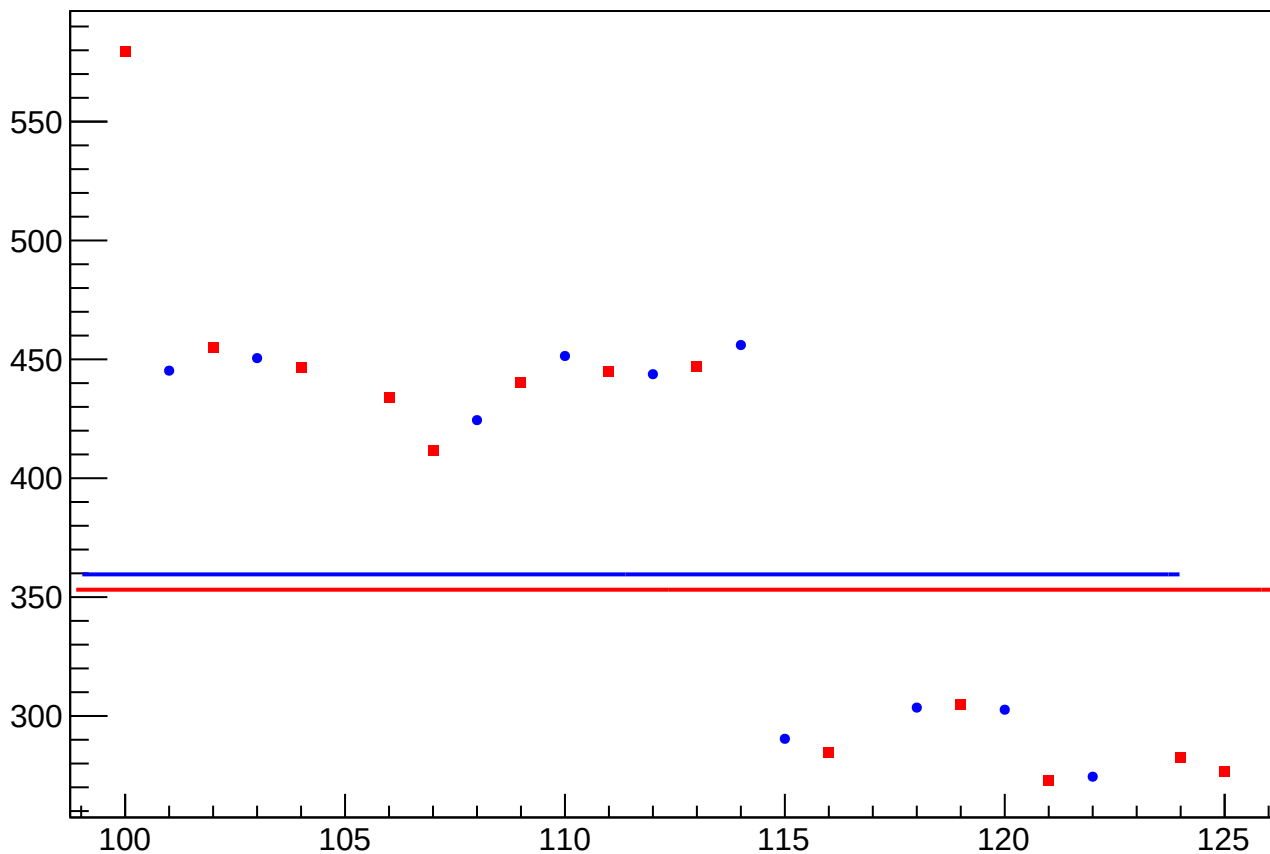
Right: 414.837 $\pm$ 121.053 χ^2 /NDF: 18.0/22

In: 595.447 $\pm$ 181.938 χ^2 /NDF:3.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 414.837 $\pm$ 121.053 χ^2 /NDF: 18.0/22

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: 353.113+/-0.115 χ^2/NDF : 489410.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

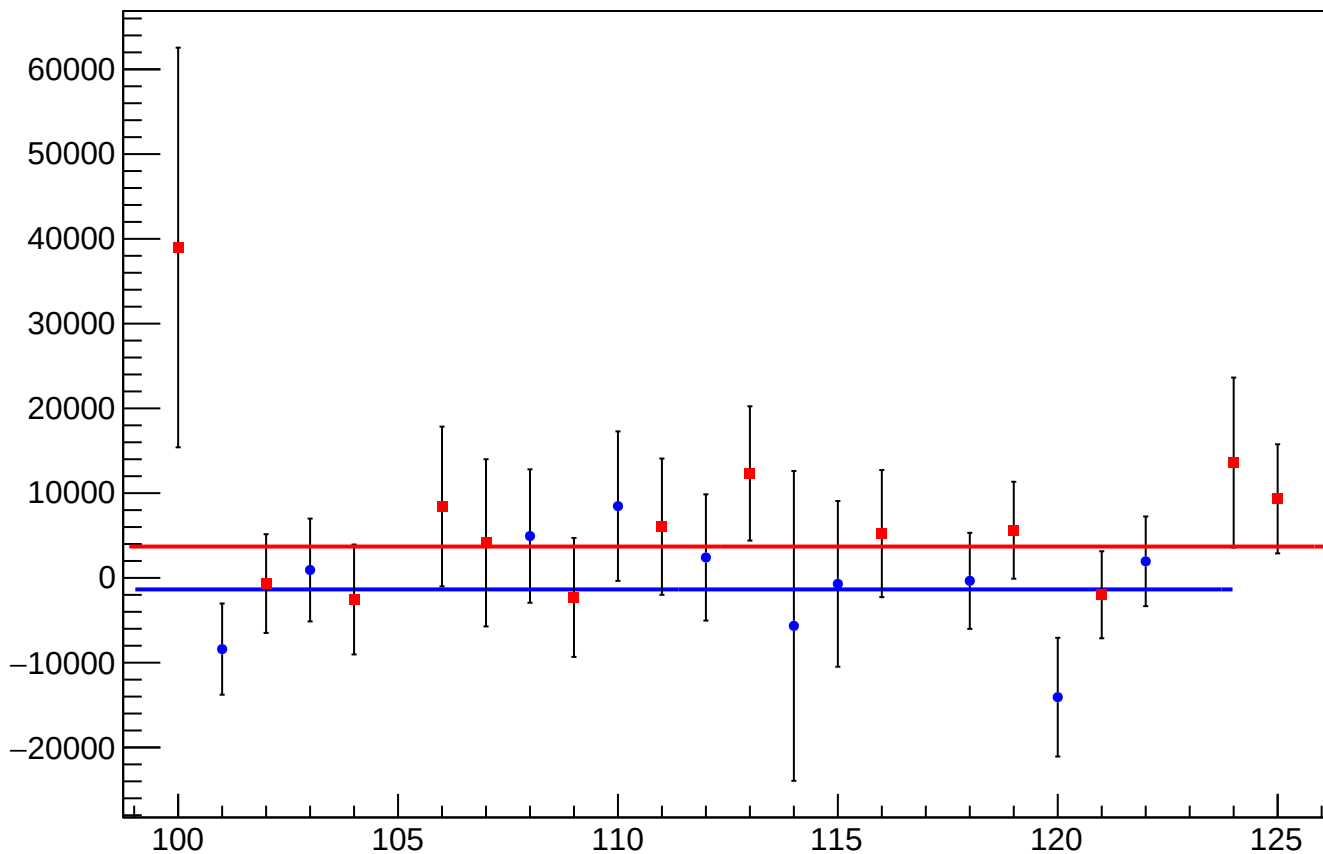
Right: 355.965+/-0.086 χ^2/NDF : 841016.4/22

In: 359.556+/-0.129 χ^2/NDF : 350208.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 355.965+/-0.086 χ^2/NDF : 841016.4/22

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: 3700.809+/-2004.781 χ^2/NDF : 9.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

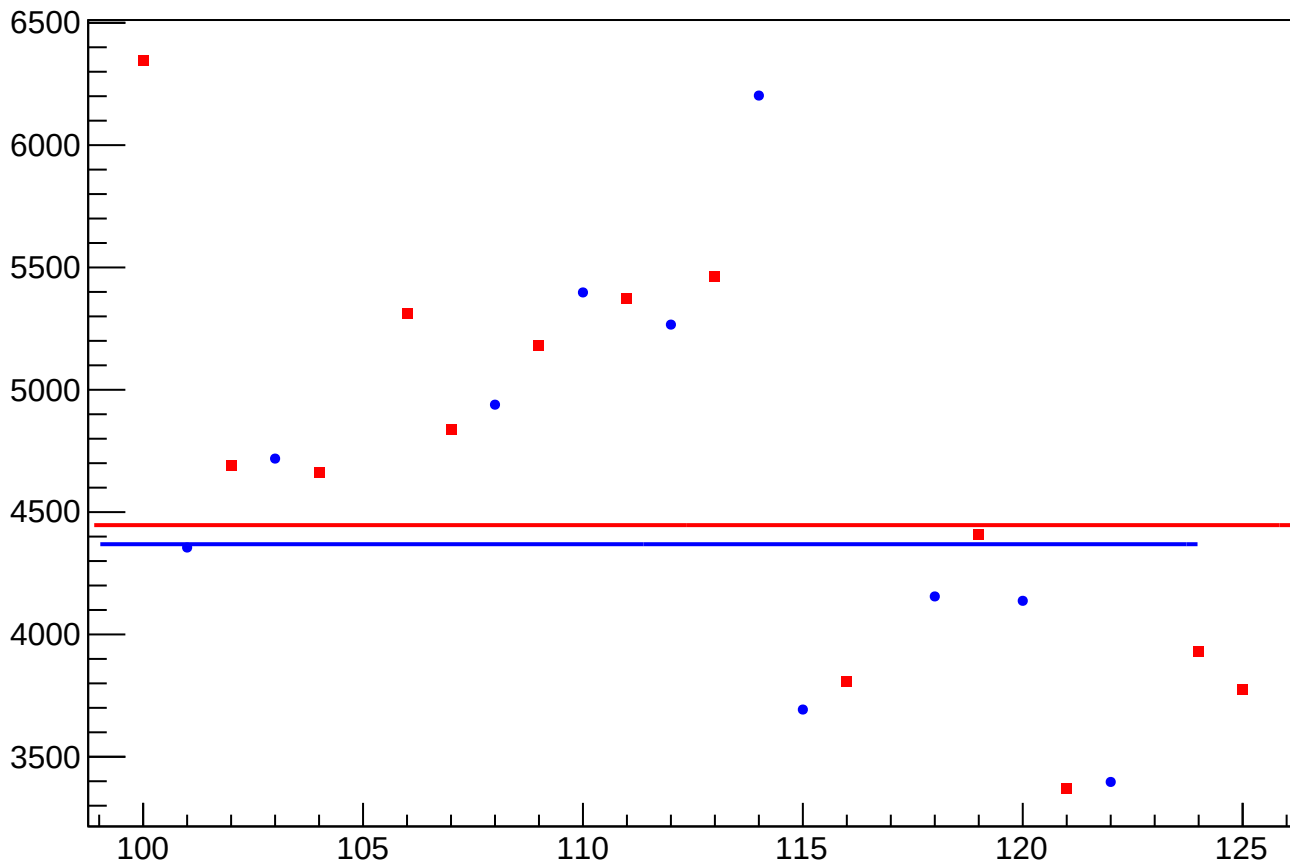
Right: 1388.595+/-1477.157 χ^2/NDF : 19.8/22

In: -1357.628+/-2184.845 χ^2/NDF : 7.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1388.595+/-1477.157 χ^2/NDF : 19.8/22

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: 4446.808+/-1.418 χ^2/NDF : 249856.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

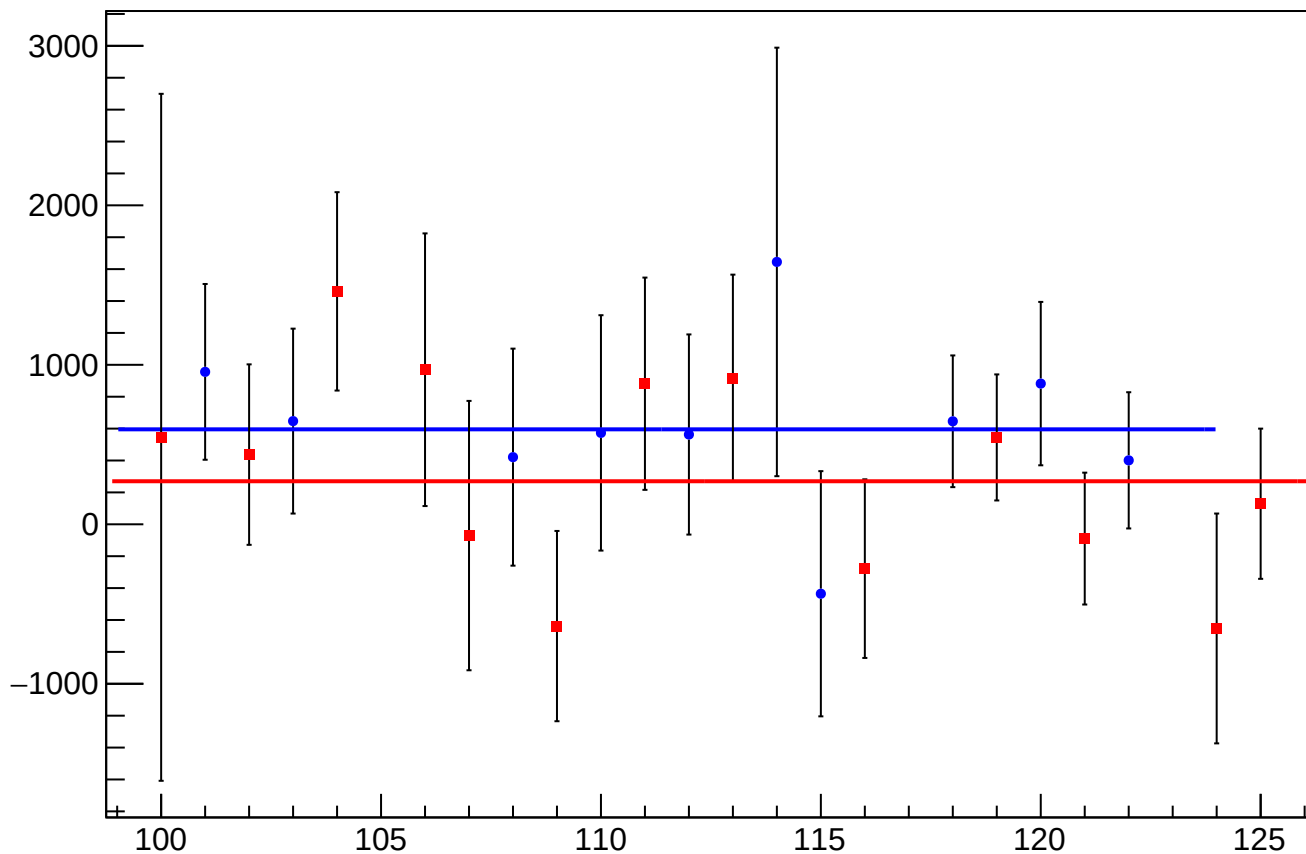
Right: 4411.162+/-1.045 χ^2/NDF : 426898.8/22

In: 4368.825+/-1.545 χ^2/NDF : 175659.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4411.162+/-1.045 χ^2/NDF : 426898.8/22

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: 269.906 $\pm$ 162.183 χ^2 /NDF: 12.7/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

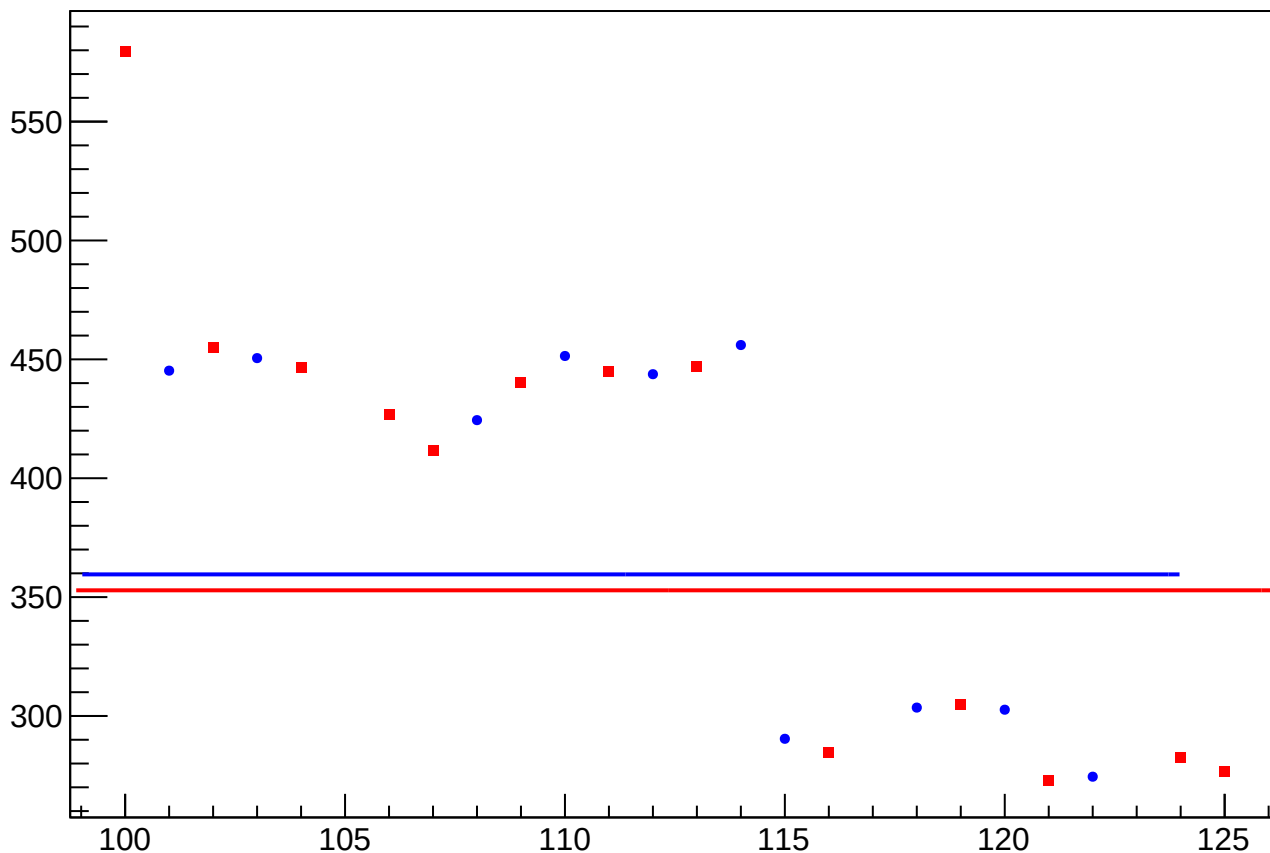
Right: 414.048 $\pm$ 121.065 χ^2 /NDF: 17.9/22

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: 414.048 $\pm$ 121.065 χ^2 /NDF: 17.9/22

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: 352.855+/-0.115 χ^2/NDF : 486580.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

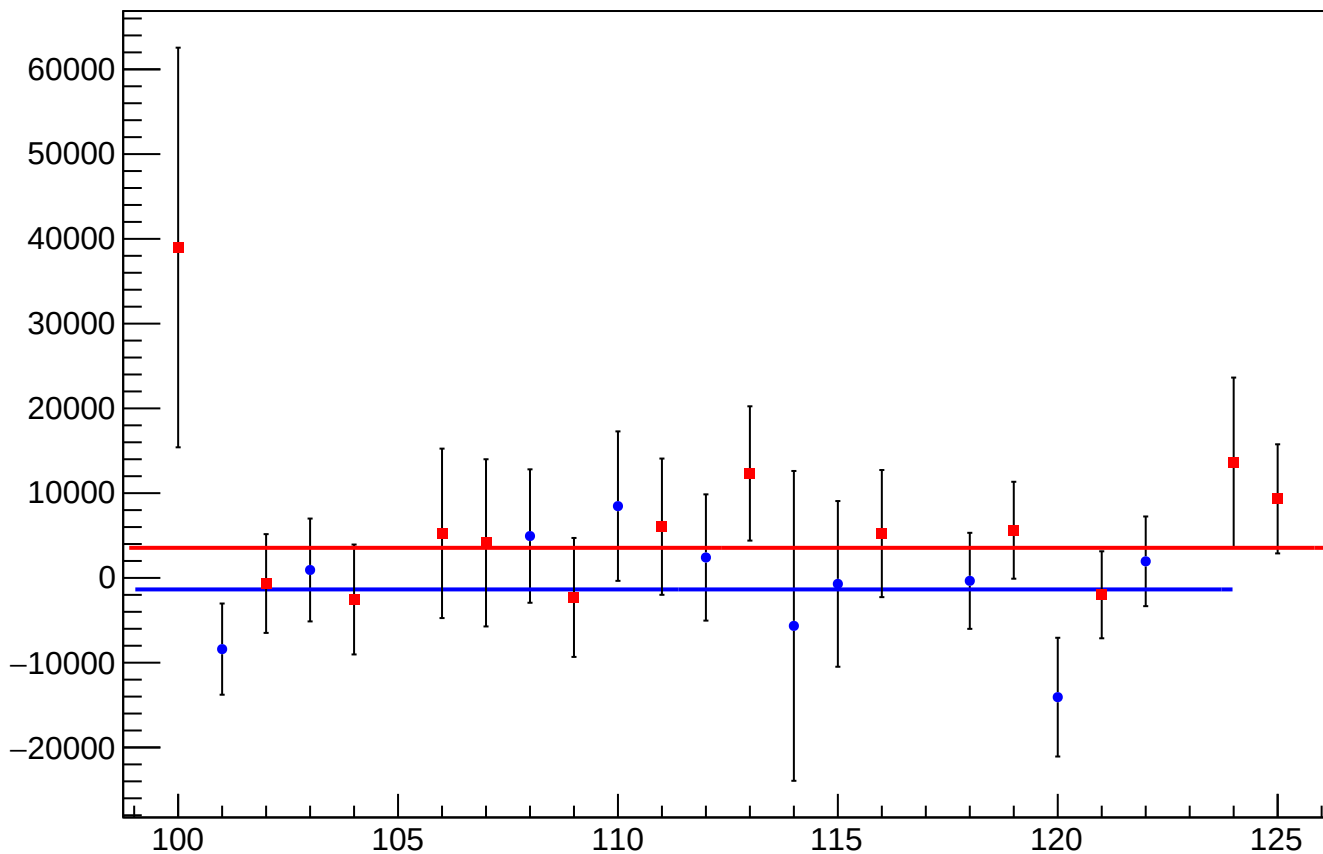
Right: 355.822+/-0.086 χ^2/NDF : 838301.3/22

In: 359.556+/-0.129 χ^2/NDF : 350209.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 355.822+/-0.086 χ^2/NDF : 838301.3/22

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: 3550.139+/-2009.984 χ^2/NDF : 8.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

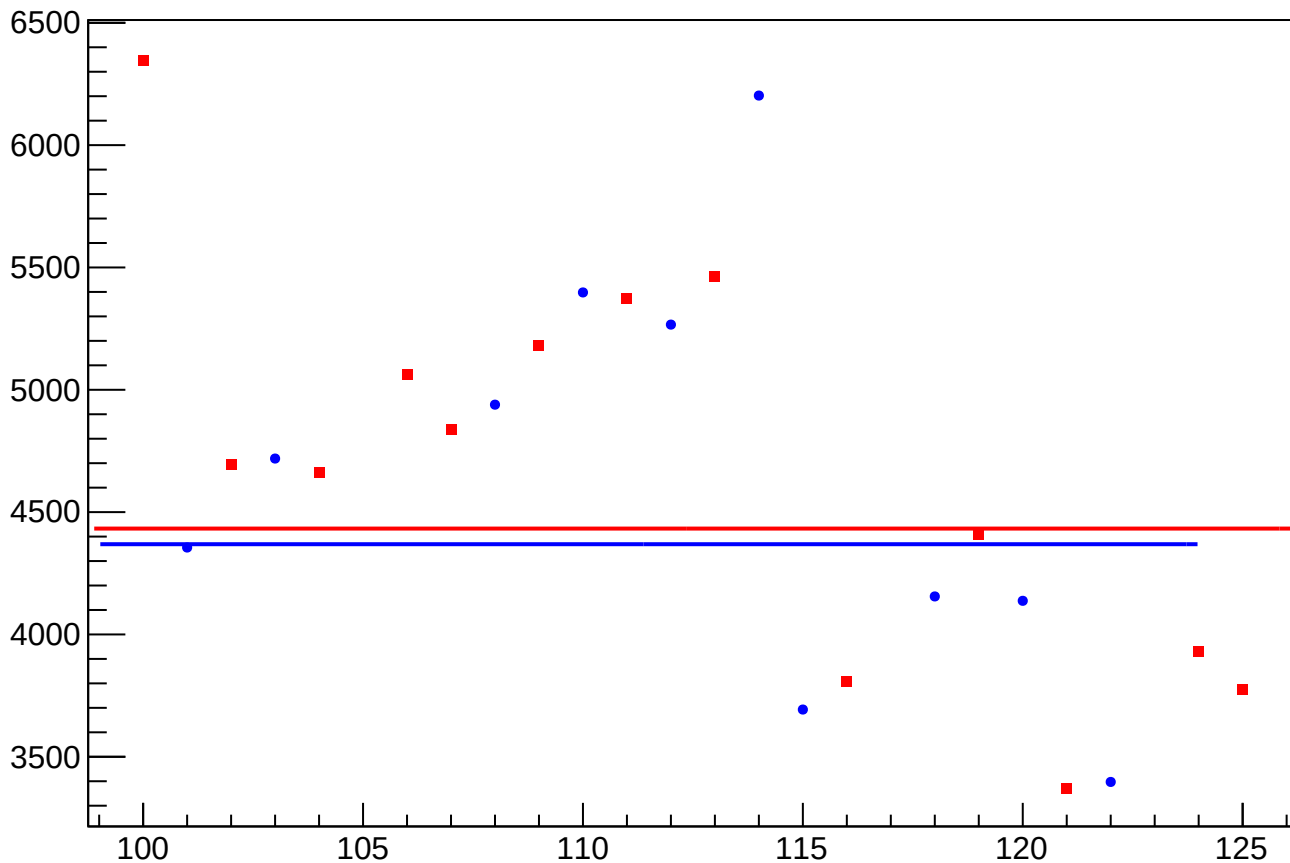
Right: 1300.597+/-1479.238 χ^2/NDF : 19.4/22

In: -1357.400+/-2184.856 χ^2/NDF : 7.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1300.597+/-1479.238 χ^2/NDF : 19.4/22

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: 4432.744+/-1.421 χ^2/NDF : 240661.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

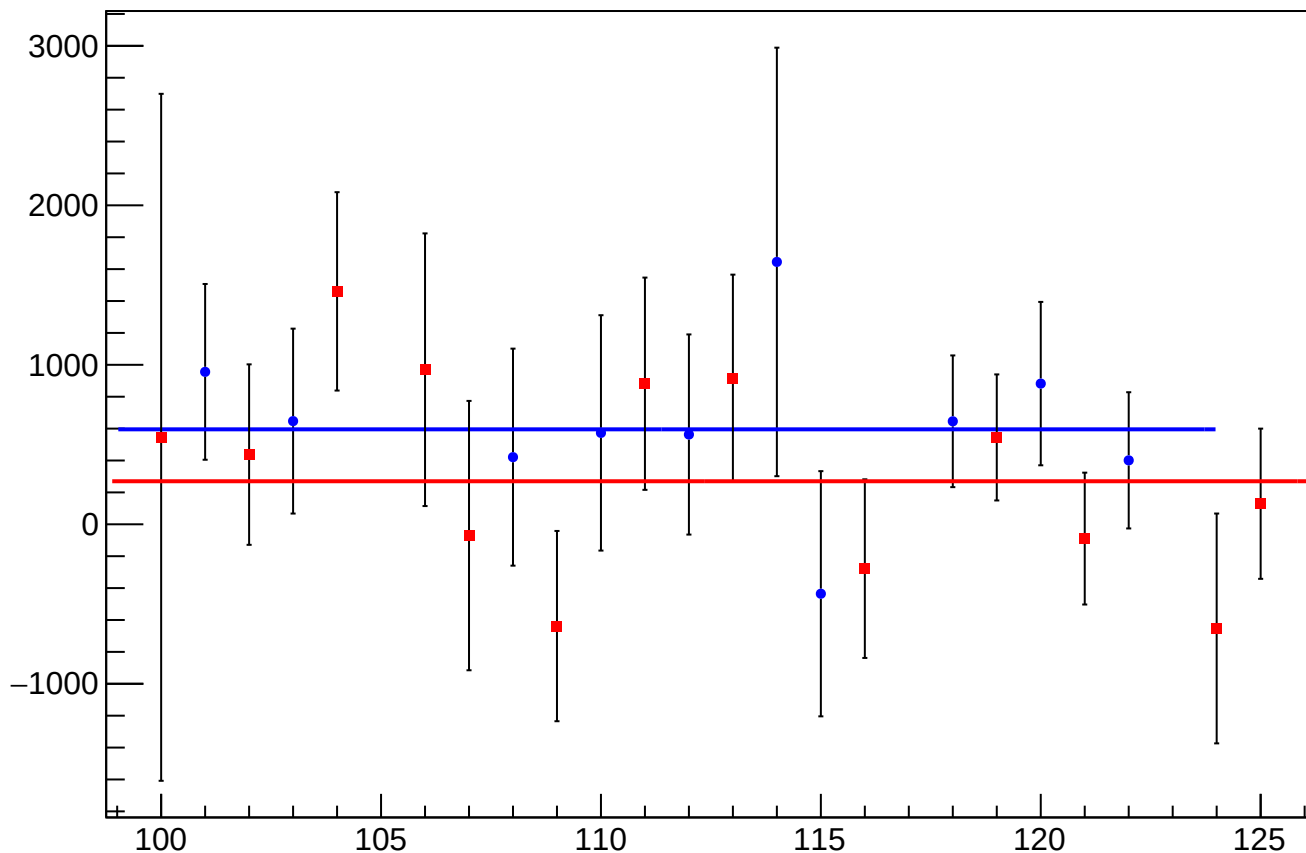
Right: 4403.453+/-1.046 χ^2/NDF : 417254.3/22

In: 4368.844+/-1.545 χ^2/NDF : 175665.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4403.453+/-1.046 χ^2/NDF : 417254.3/22

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: 269.906 $\pm$ 162.183 χ^2 /NDF: 12.7/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

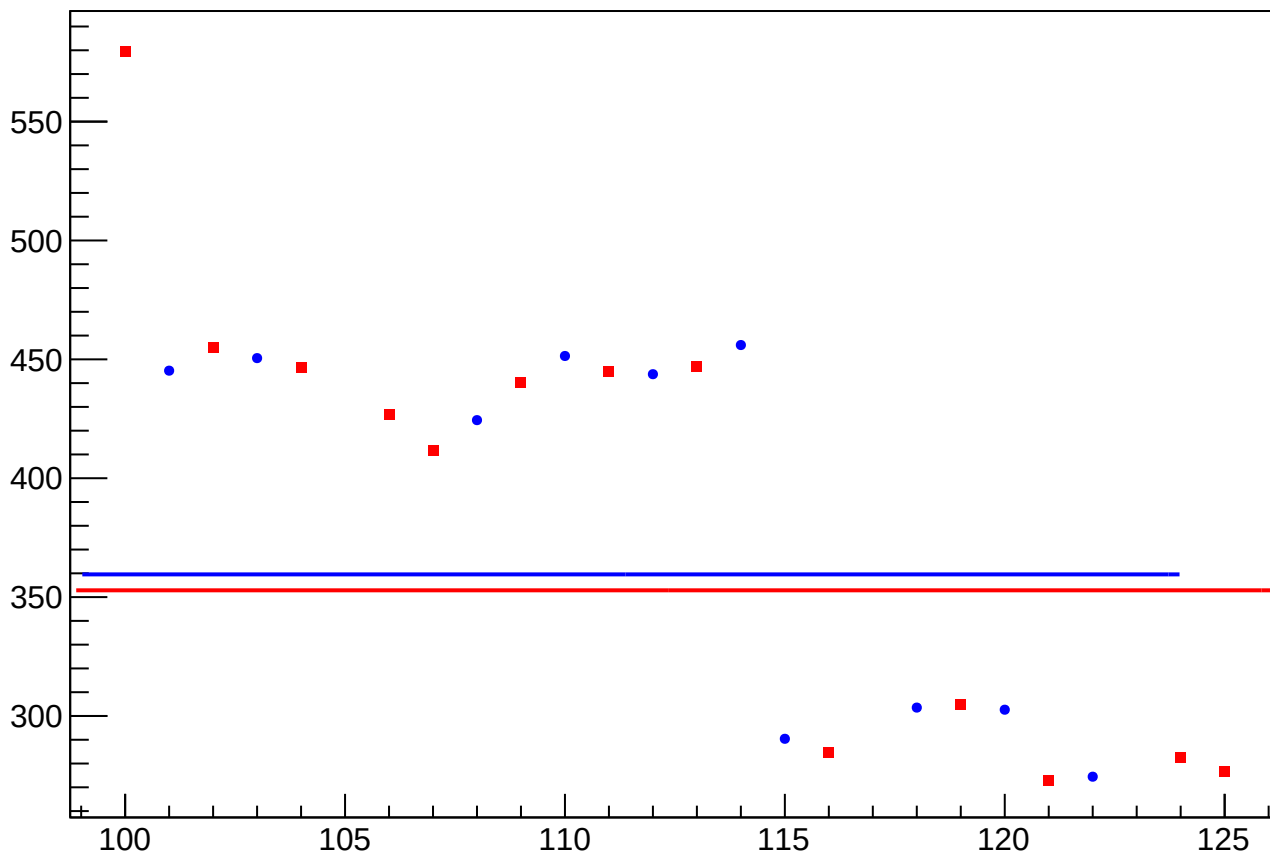
Right: 414.048 $\pm$ 121.065 χ^2 /NDF: 17.9/22

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: 414.048 $\pm$ 121.065 χ^2 /NDF: 17.9/22

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: 352.855+/-0.115 χ^2/NDF : 486580.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

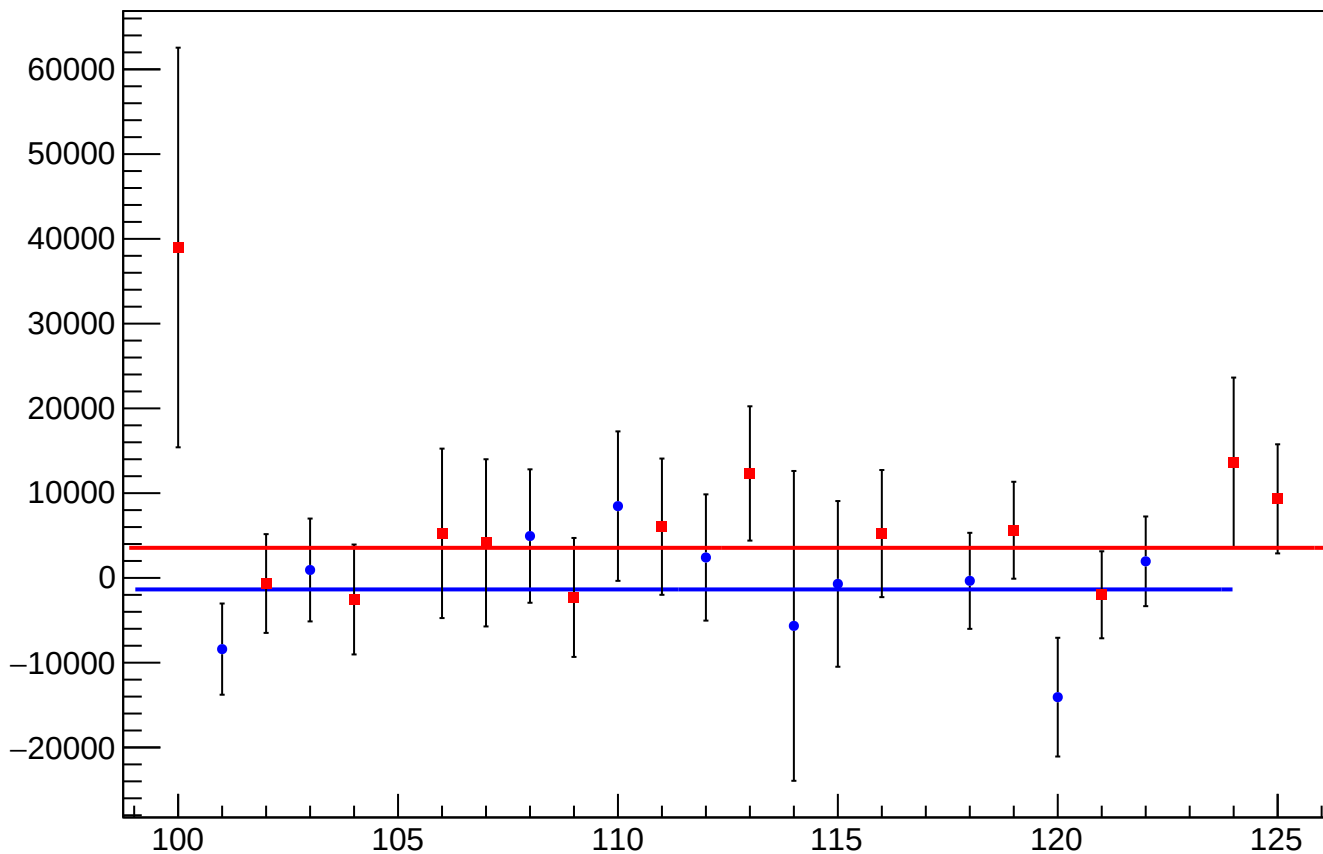
Right: 355.822+/-0.086 χ^2/NDF : 838301.3/22

In: 359.556+/-0.129 χ^2/NDF : 350209.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 355.822+/-0.086 χ^2/NDF : 838301.3/22

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: 3550.139+/-2009.984 χ^2/NDF : 8.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

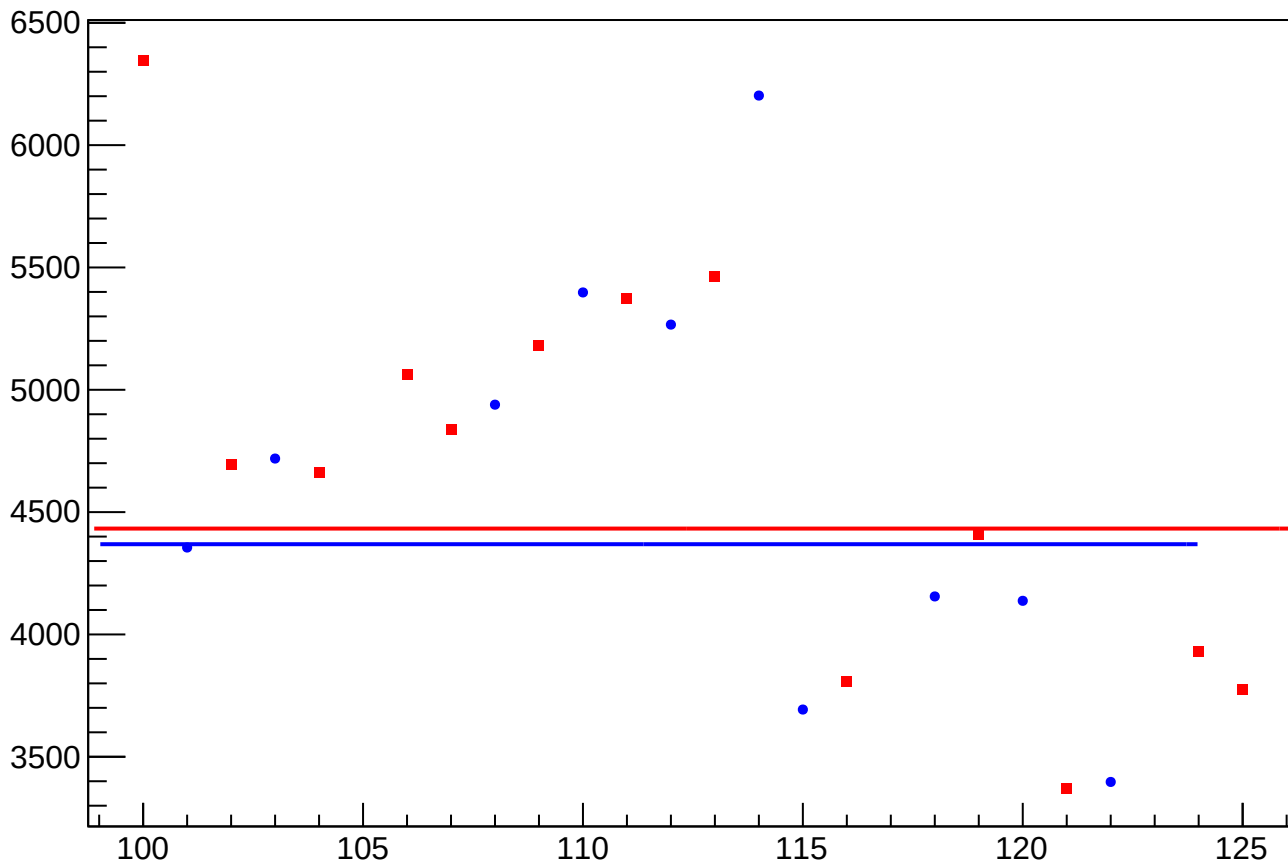
Right: 1300.597+/-1479.238 χ^2/NDF : 19.4/22

In: -1357.400+/-2184.856 χ^2/NDF : 7.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1300.597+/-1479.238 χ^2/NDF : 19.4/22

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: 4432.744+/-1.421 χ^2/NDF : 240661.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

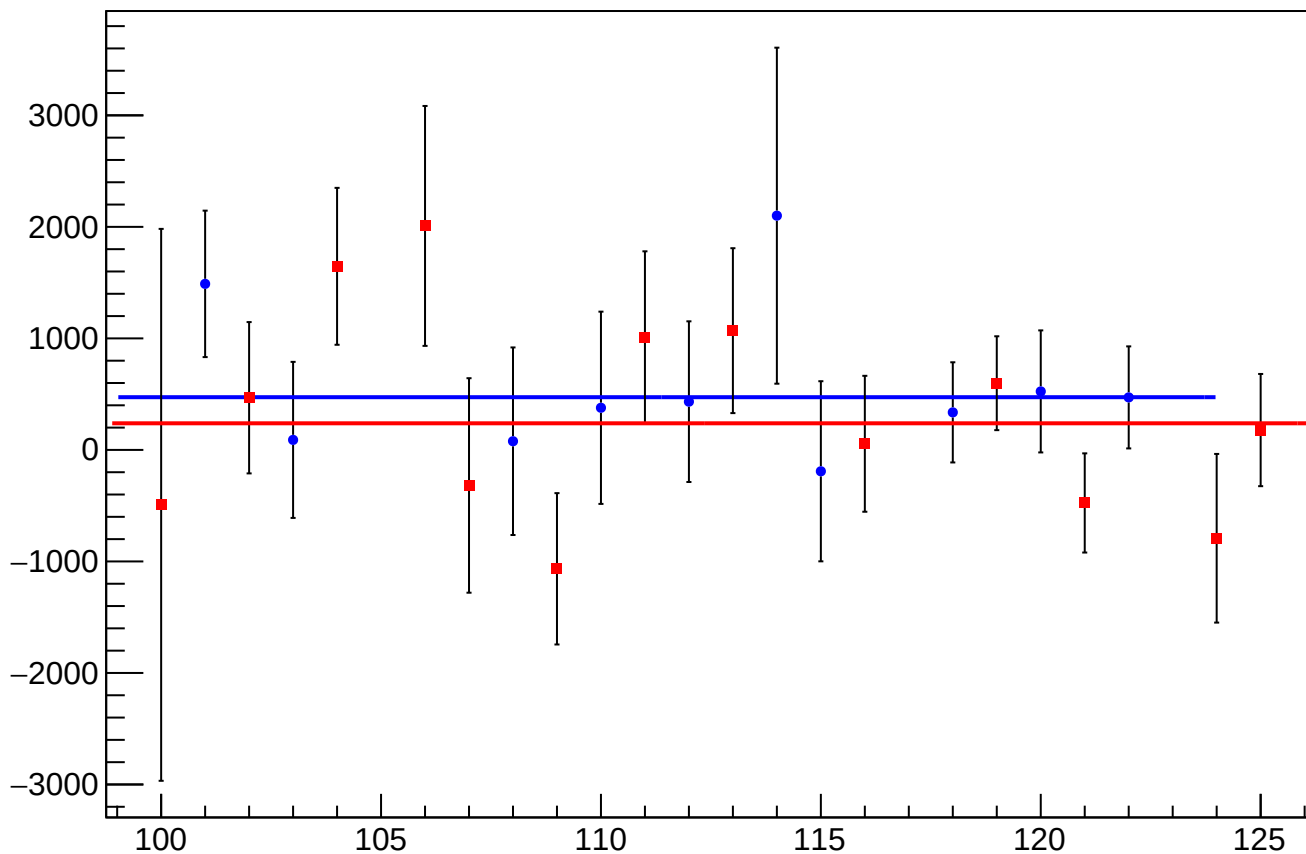
Right: 4403.453+/-1.046 χ^2/NDF : 417254.3/22

In: 4368.844+/-1.545 χ^2/NDF : 175665.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4403.453+/-1.046 χ^2/NDF : 417254.3/22

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: 238.637 $\pm$ 179.401 χ^2 /NDF: 18.5/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

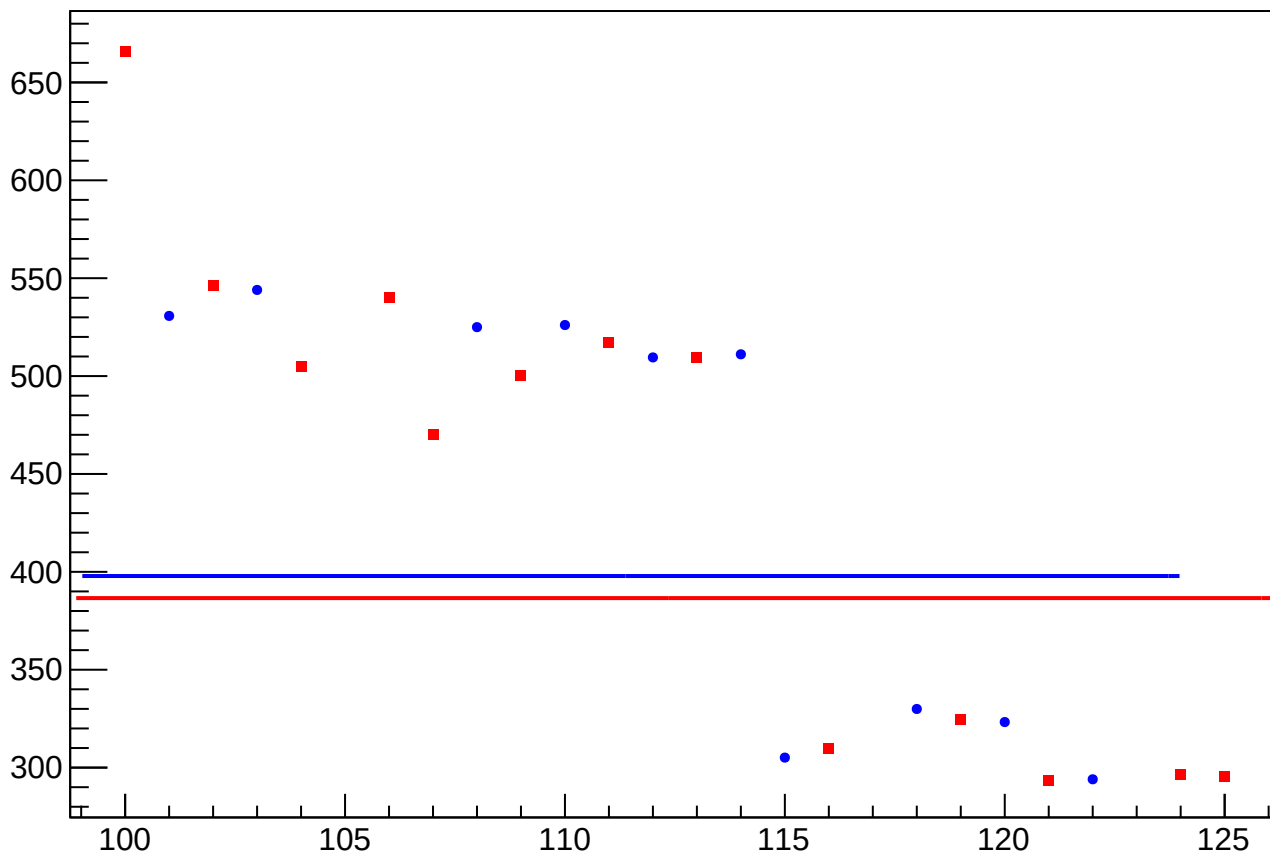
Right: 340.892 $\pm$ 134.632 χ^2 /NDF: 24.1/22

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: 340.892 $\pm$ 134.632 χ^2 /NDF: 24.1/22

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 397.862 $\pm$ 0.144 χ^2 /NDF: 530790.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 386.591 $\pm$ 0.127 χ^2 /NDF: 673936.5/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

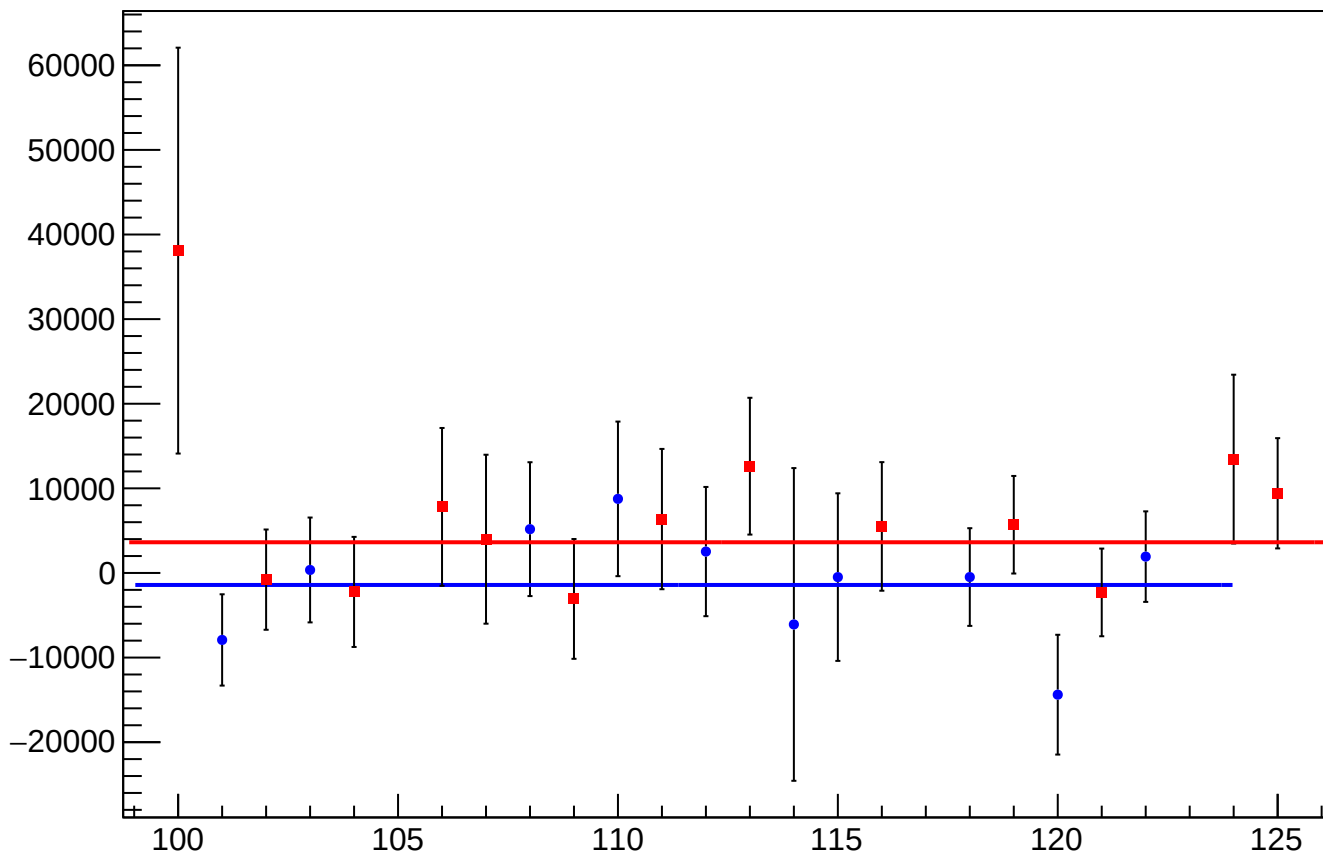
Right: 391.515 $\pm$ 0.095 χ^2 /NDF: 1208175.6/22

In: 397.862 $\pm$ 0.144 χ^2 /NDF:530790.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 391.515 $\pm$ 0.095 χ^2 /NDF: 1208175.6/22

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: 3627.917+/-2026.821 χ^2/NDF : 9.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

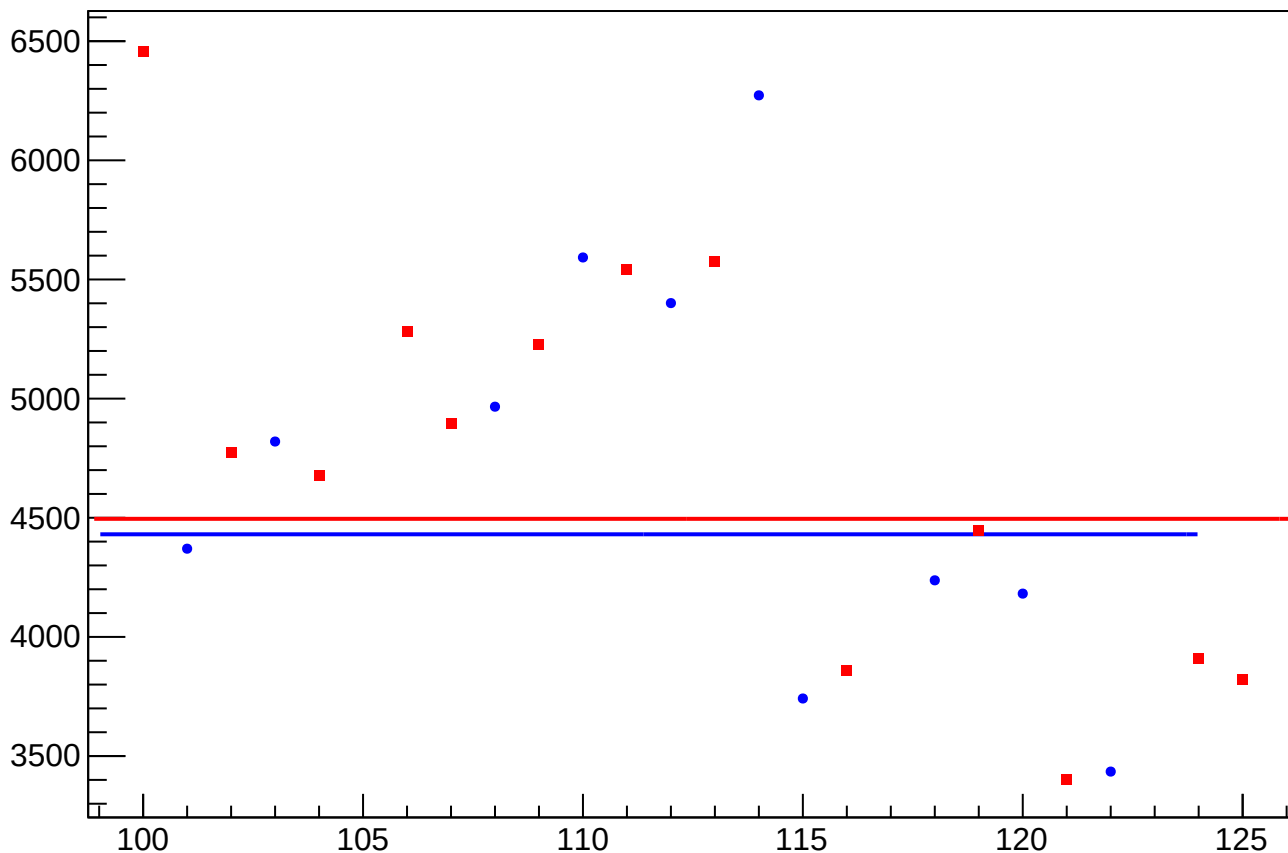
Right: 1330.180+/-1495.790 χ^2/NDF : 19.5/22

In: -1418.078+/-2216.634 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1330.180+/-1495.790 χ^2/NDF : 19.5/22

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: 4495.562+/-1.433 χ^2/NDF : 257485.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

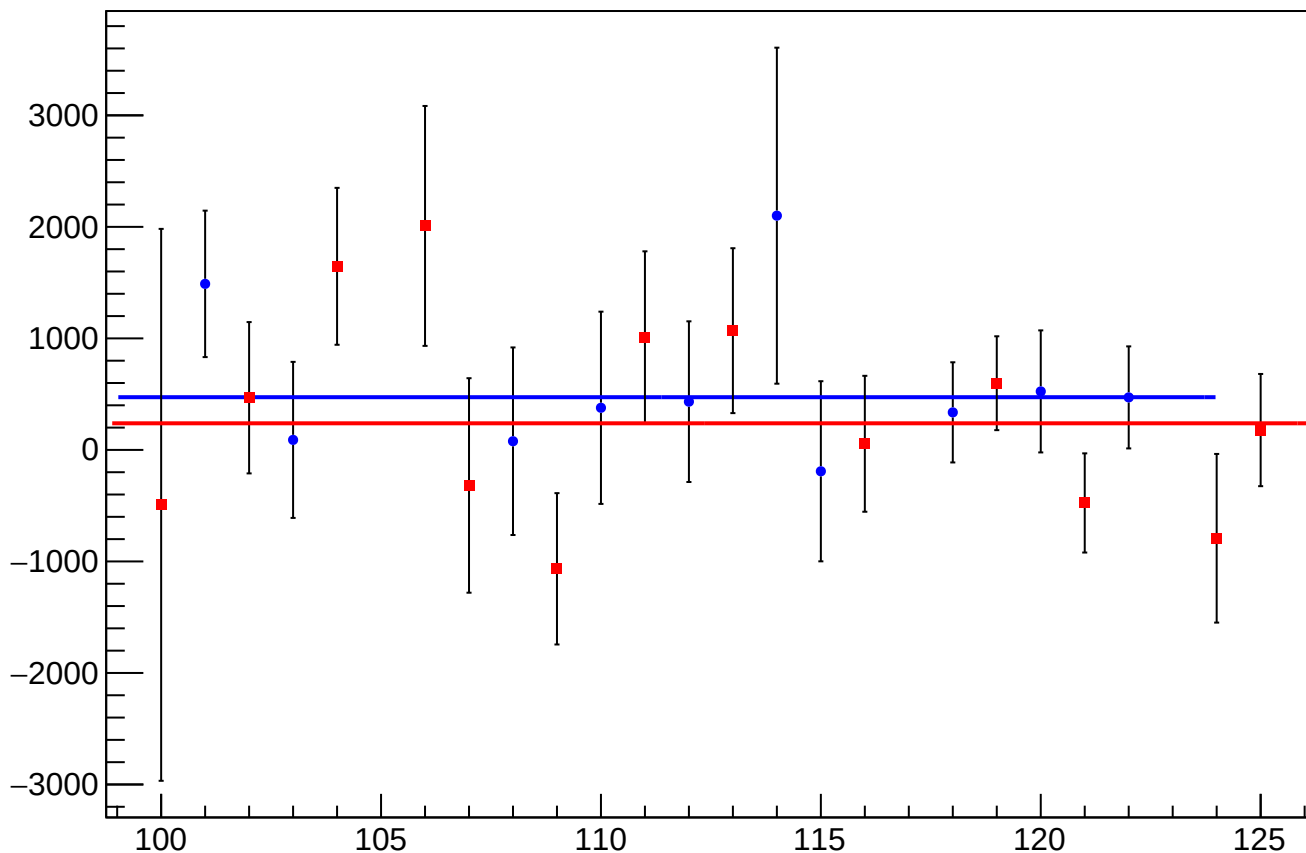
Right: 4466.001+/-1.058 χ^2/NDF : 443896.0/22

In: 4430.644+/-1.567 χ^2/NDF : 185476.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4466.001+/-1.058 χ^2/NDF : 443896.0/22

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: 238.628+/-179.401 χ^2/NDF : 18.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

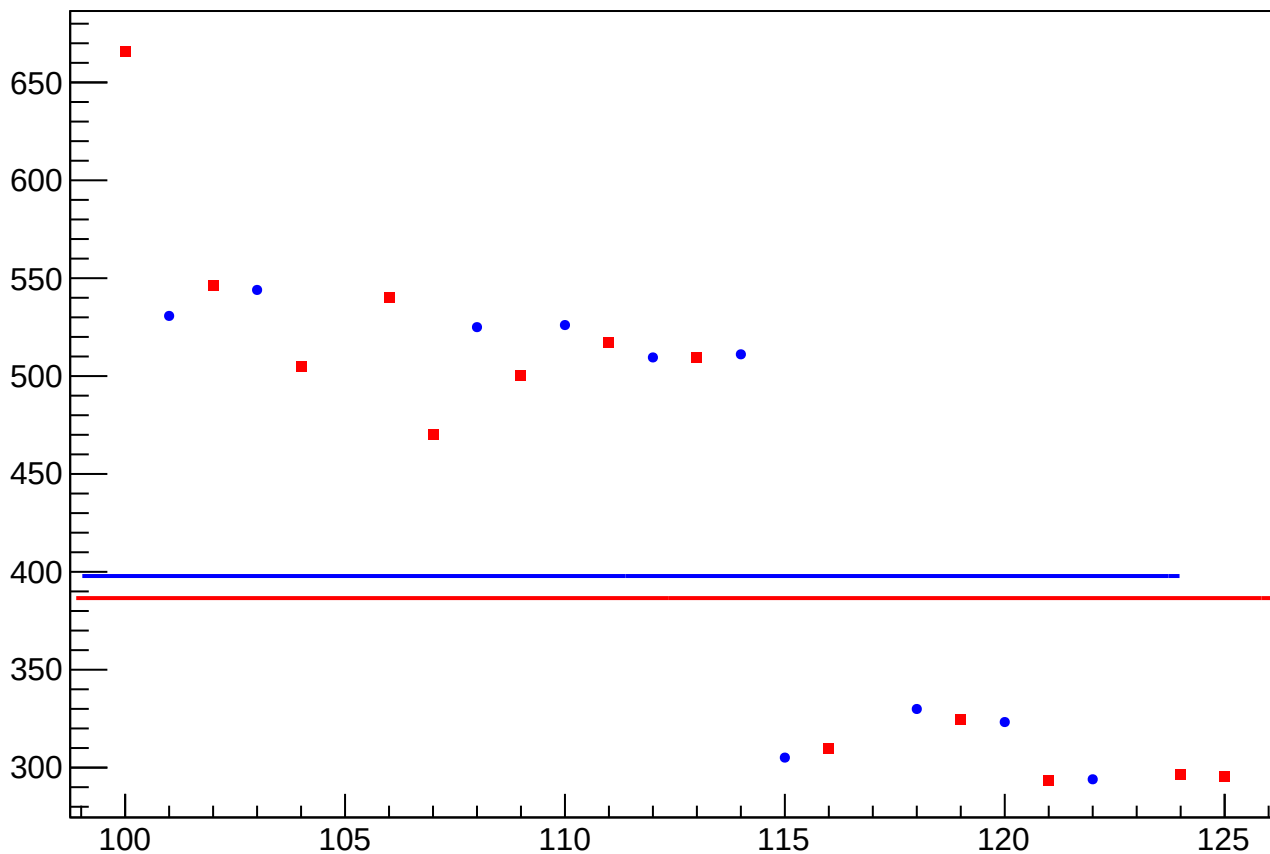
Right: 340.889+/-134.631 χ^2/NDF : 24.1/22

In: 472.728+/-203.700 χ^2/NDF : 4.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 340.889+/-134.631 χ^2/NDF : 24.1/22

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: 386.590+/-0.127 χ^2/NDF : 673919.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

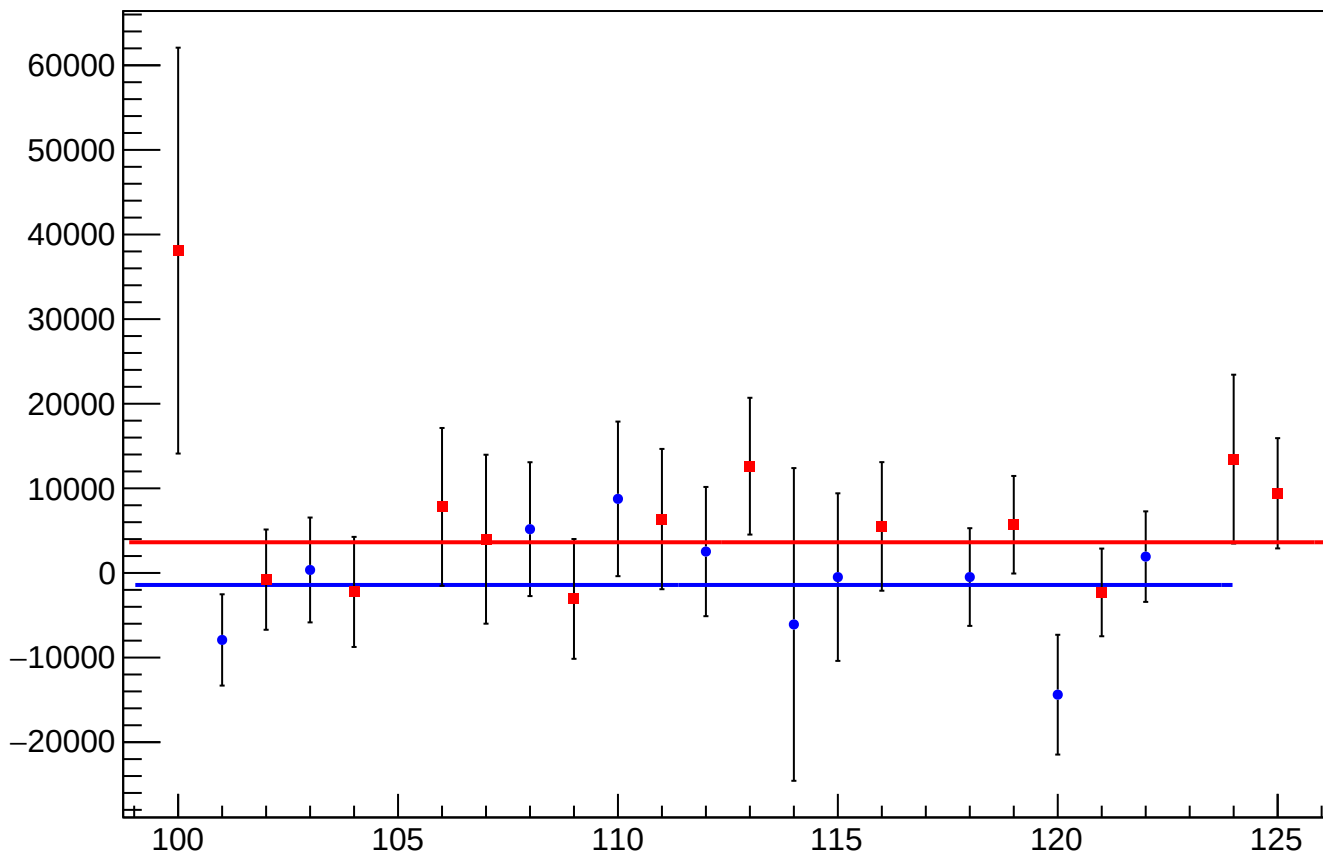
Right: 391.514+/-0.095 χ^2/NDF : 1208148.3/22

In: 397.861+/-0.144 χ^2/NDF : 530780.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 391.514+/-0.095 χ^2/NDF : 1208148.3/22

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: 3627.909+/-2026.817 χ^2/NDF : 9.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

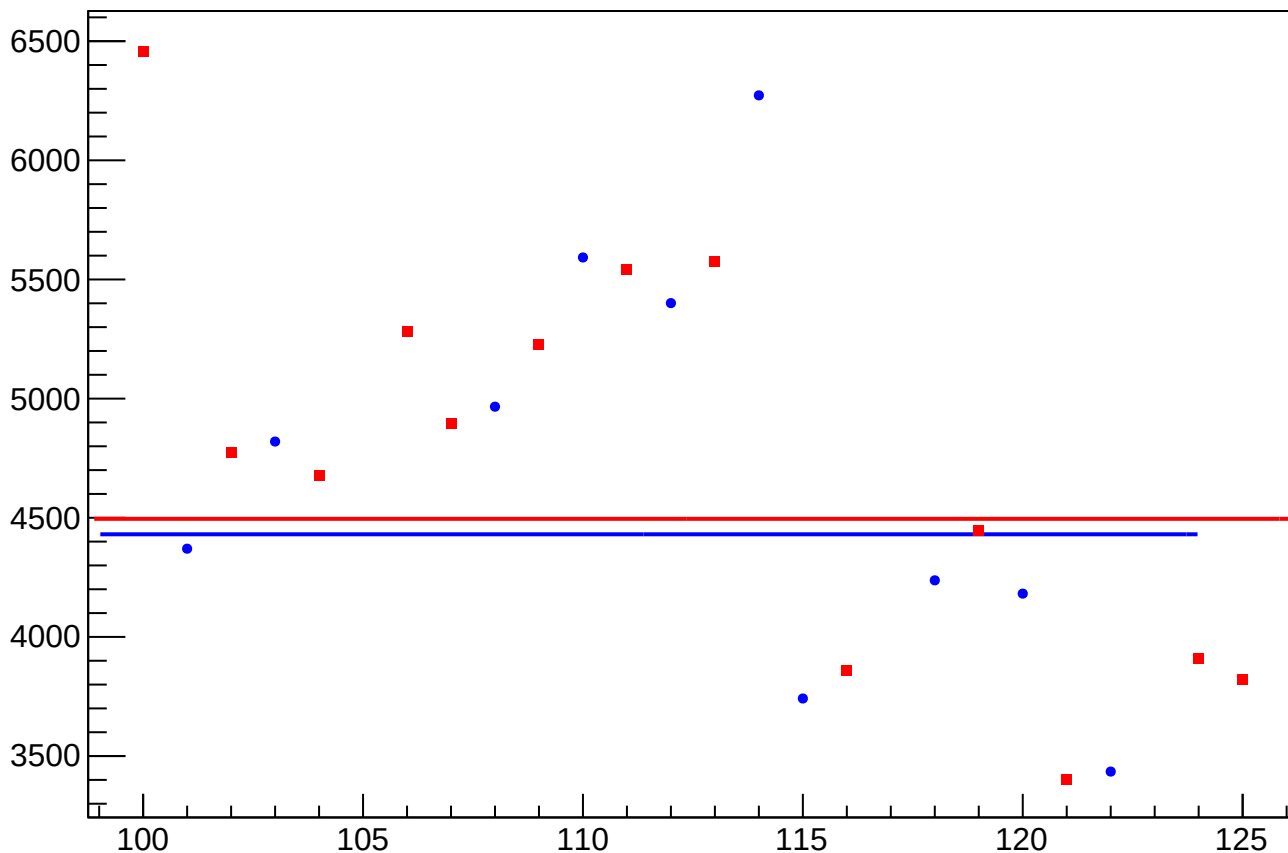
Right: 1330.177+/-1495.787 χ^2/NDF : 19.5/22

In: -1418.075+/-2216.629 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1330.177+/-1495.787 χ^2/NDF : 19.5/22

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: 4495.554+/-1.433 χ^2/NDF : 257481.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

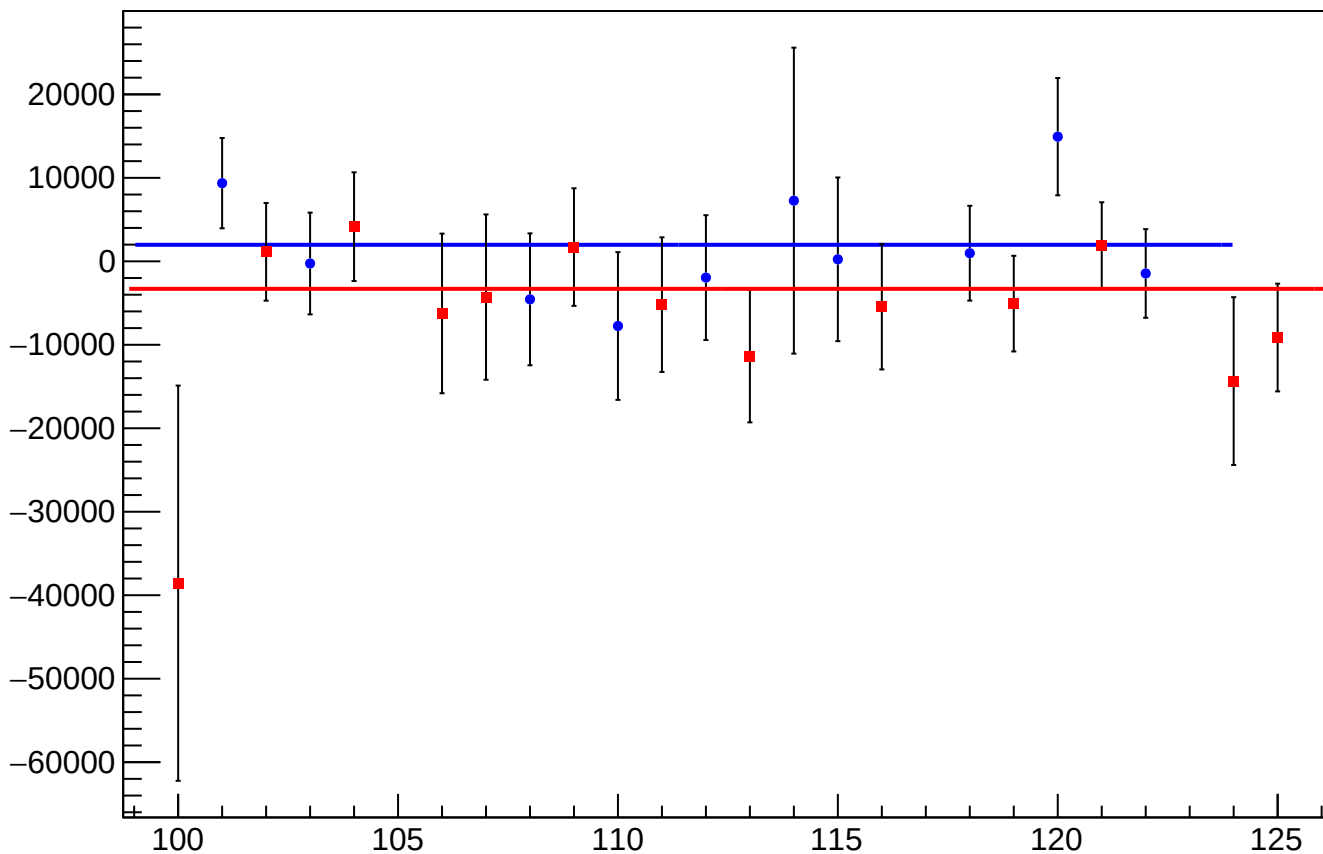
Right: 4465.993+/-1.058 χ^2/NDF : 443887.4/22

In: 4430.636+/-1.567 χ^2/NDF : 185472.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4465.993+/-1.058 χ^2/NDF : 443887.4/22

asym_sam2_mean vs Slug, Sign Corrected



Right In: 1979.592 $\pm$ 2193.096 χ^2 /NDF: 8.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3296.412 $\pm$ 2012.781 χ^2 /NDF: 9.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

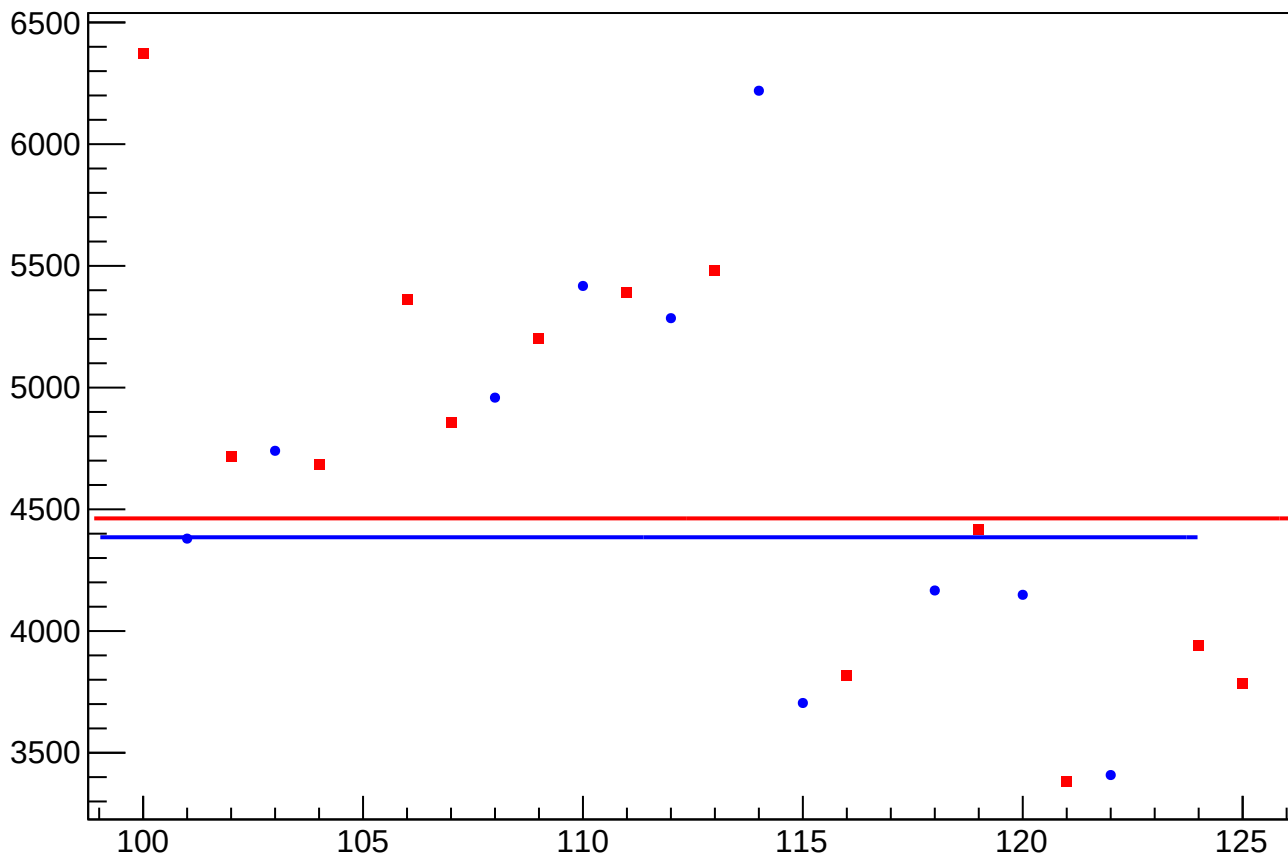
Right: -884.188 $\pm$ 1482.907 χ^2 /NDF: 20.3/22

In: 1979.592 $\pm$ 2193.096 χ^2 /NDF:8.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -884.188 $\pm$ 1482.907 χ^2 /NDF: 20.3/22

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: 4462.770+/-1.423 χ^2/NDF : 251634.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

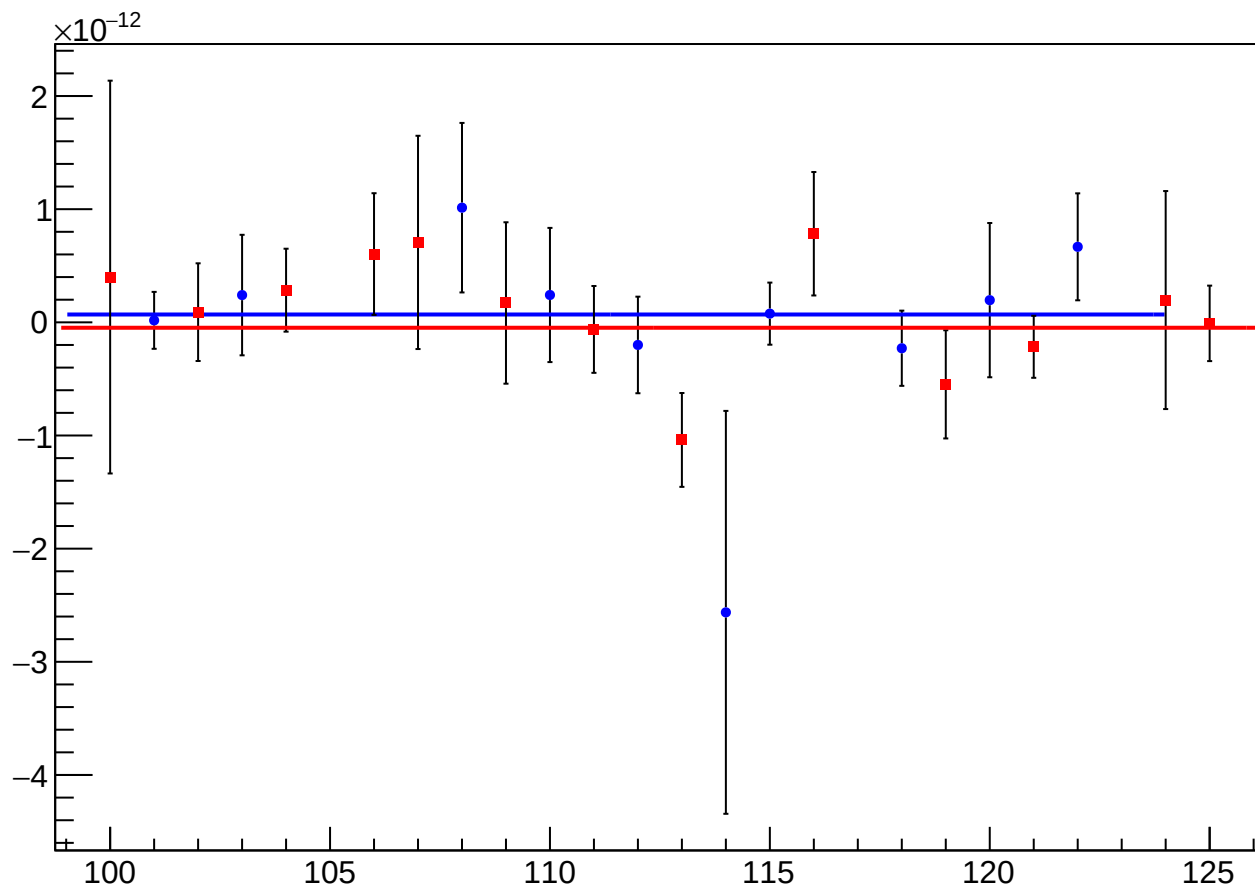
Right: 4427.328+/-1.049 χ^2/NDF : 429165.2/22

In: 4385.252+/-1.551 χ^2/NDF : 176174.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4427.328+/-1.049 χ^2/NDF : 429165.2/22

asym_sam2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

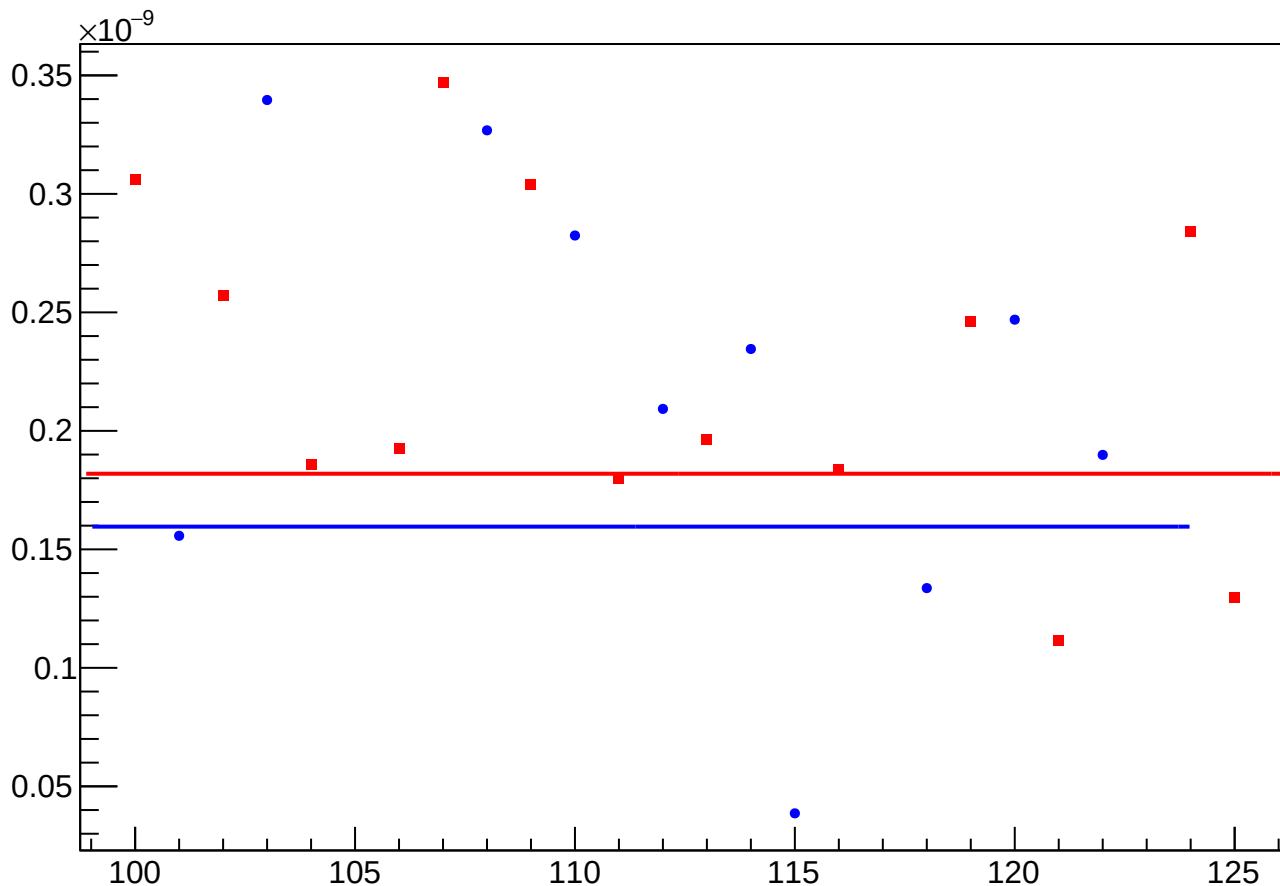
Right: 0.000+/-0.000 χ^2/NDF : 20.0/22

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 : 20.0/22

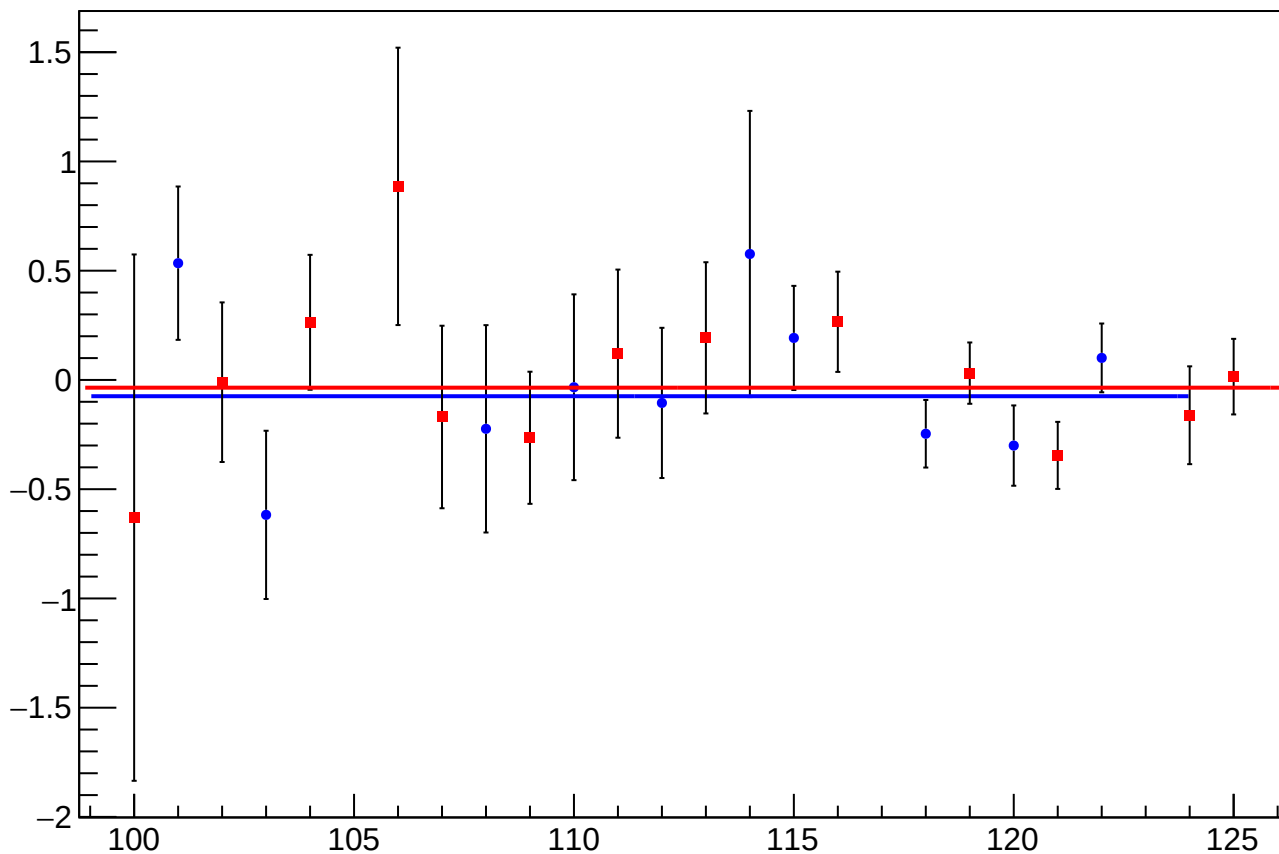
asym_sam2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 434163.7/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1351837.6/22
 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 : 1351837.6/22

asym_sam2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.074+/-0.078 χ^2/NDF : 11.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.035+/-0.068 χ^2/NDF : 11.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

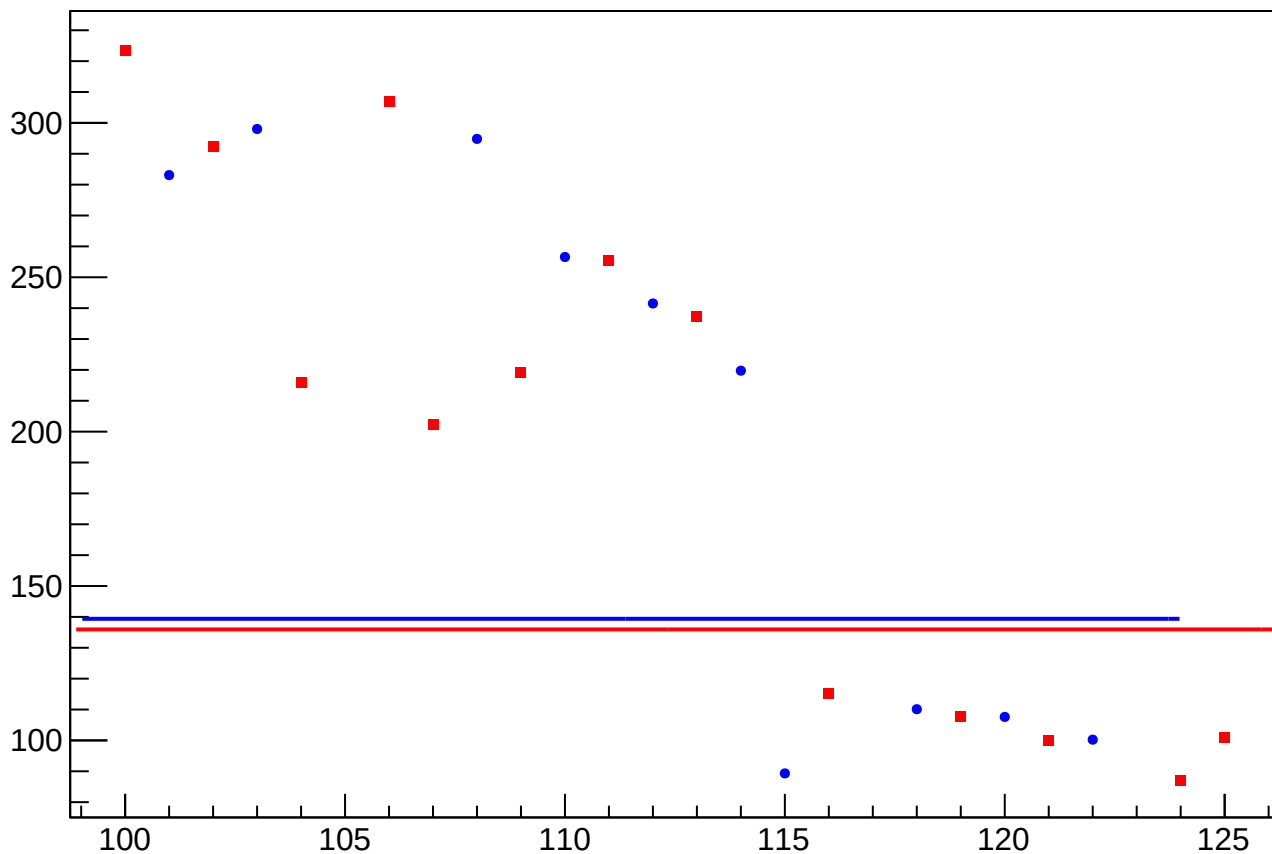
Right: -0.052+/-0.051 χ^2/NDF : 22.5/22

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+/-0.051 χ^2/NDF : 22.5/22

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: 135.936+/-0.048 χ^2/NDF : 1646761.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

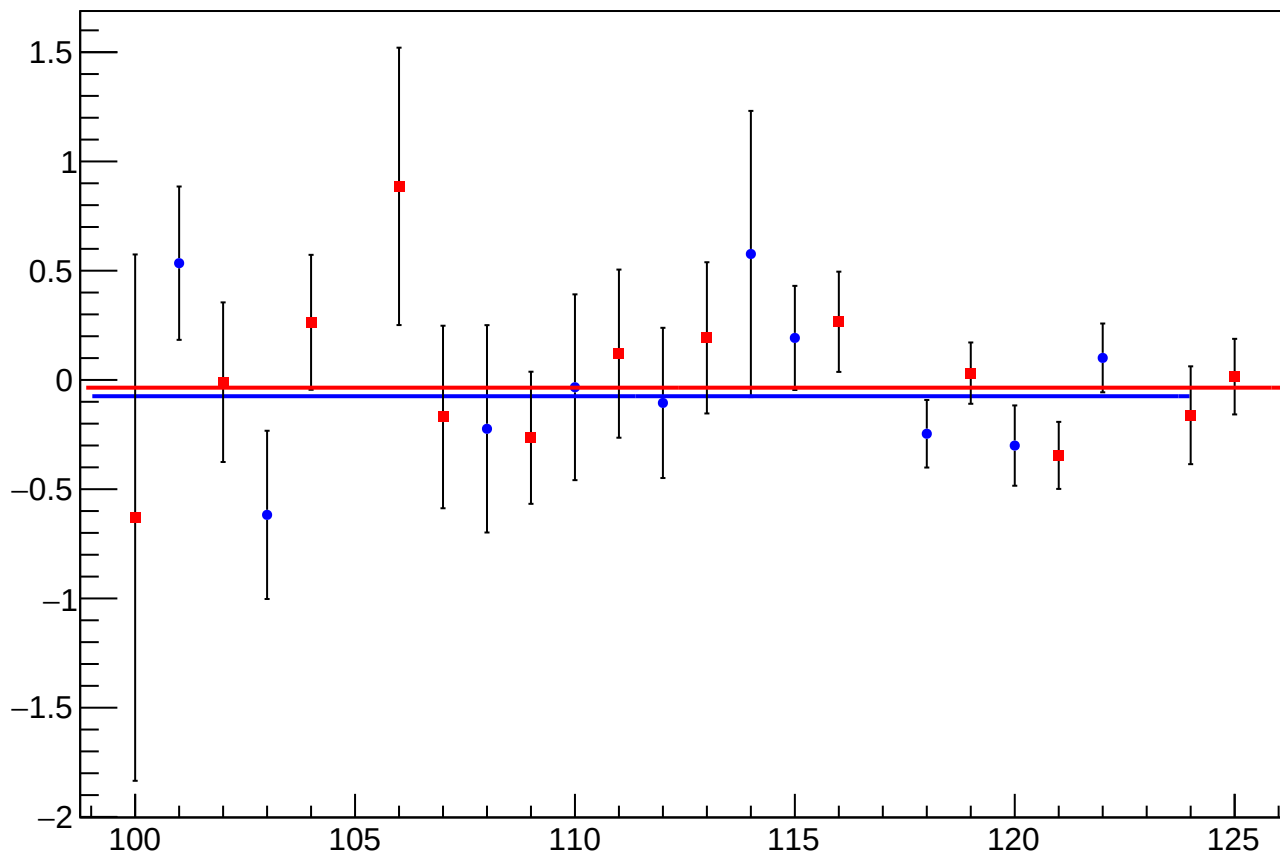
Right: 137.419+/-0.036 χ^2/NDF : 3240784.3/22

In: 139.382+/-0.055 χ^2/NDF :1591789.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 137.419+/-0.036 χ^2/NDF : 3240784.3/22

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: -0.035+/-0.068 χ^2/NDF : 11.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

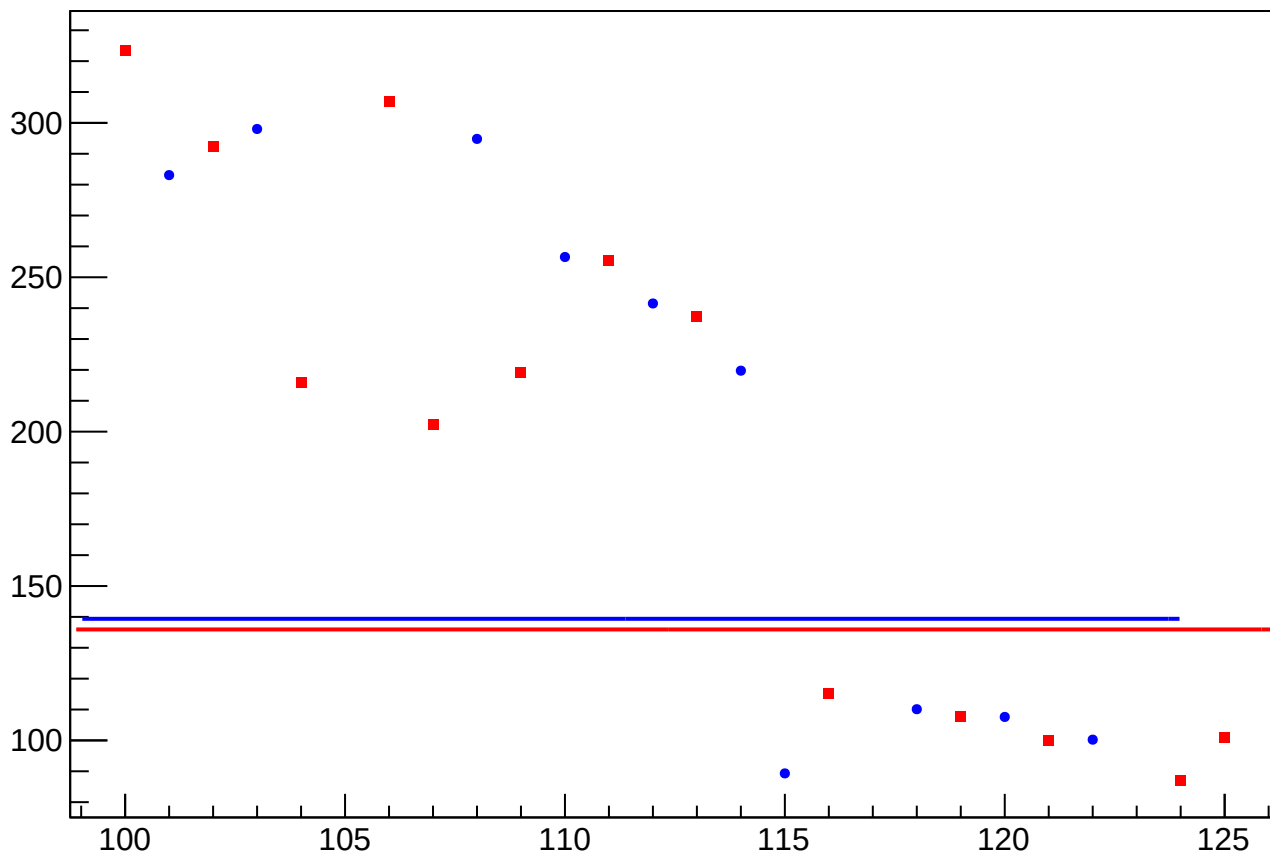
Right: -0.052+/-0.051 χ^2/NDF : 22.5/22

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+/-0.051 χ^2/NDF : 22.5/22

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: 135.936+/-0.048 χ^2/NDF : 1646761.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

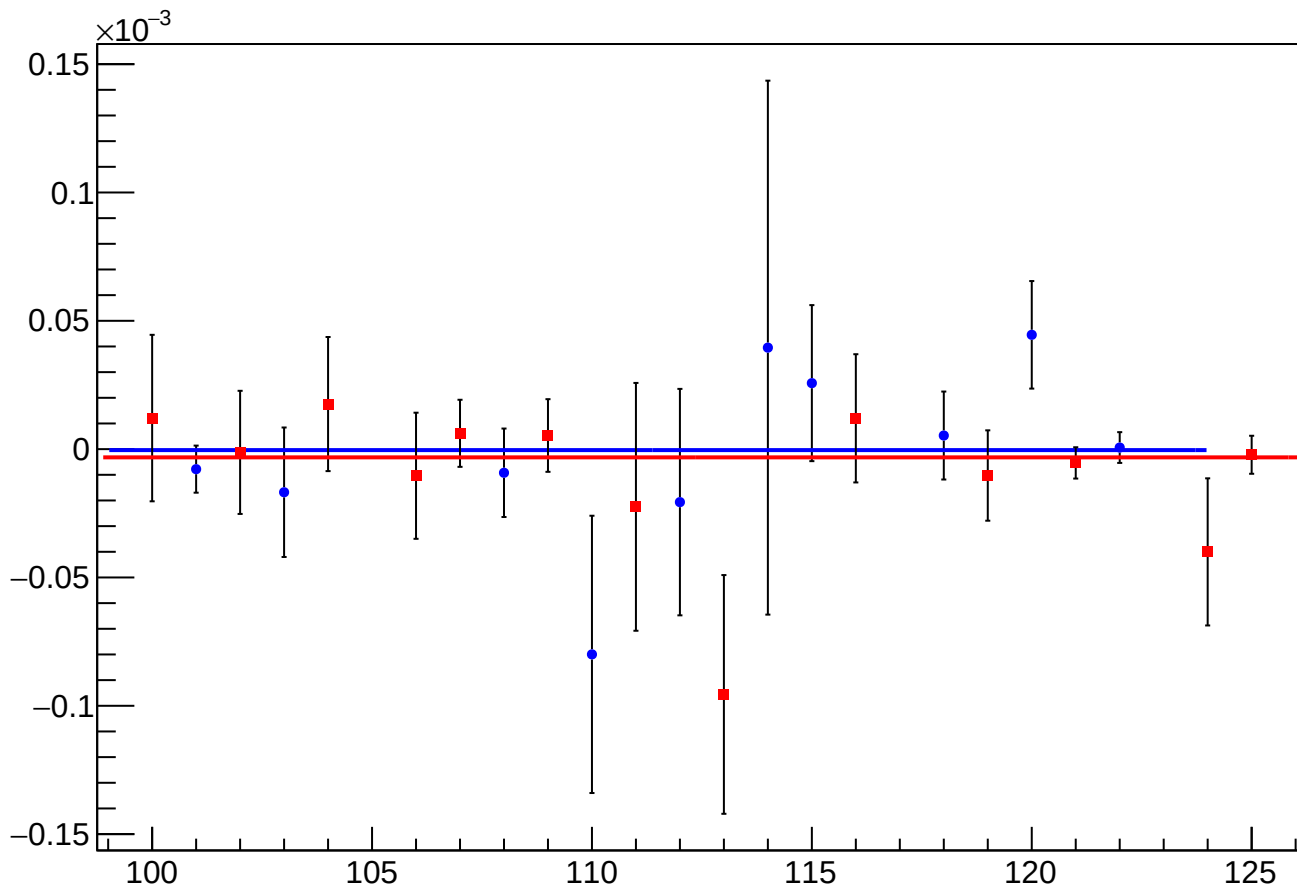
Right: 137.419+/-0.036 χ^2/NDF : 3240784.3/22

In: 139.382+/-0.055 χ^2/NDF :1591789.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 137.419+/-0.036 χ^2/NDF : 3240784.3/22

asym_sam2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 9.3/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 8.3/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

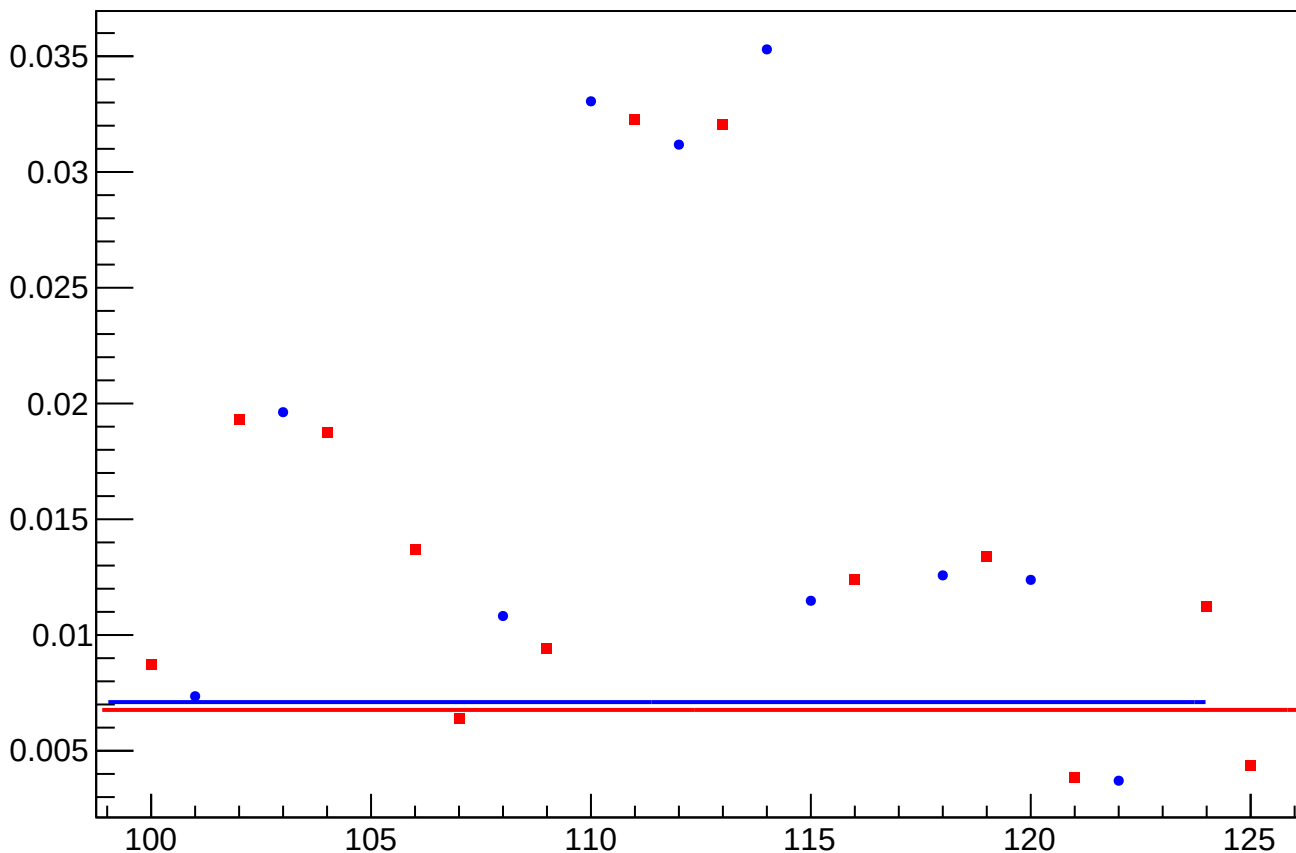
Right: -0.000+/-0.000 χ^2 /NDF: 17.8/22

In: -0.000+/-0.000 χ^2 /NDF:9.3/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 17.8/22

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: 0.007+/-0.000 χ^2/NDF : 3459785.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

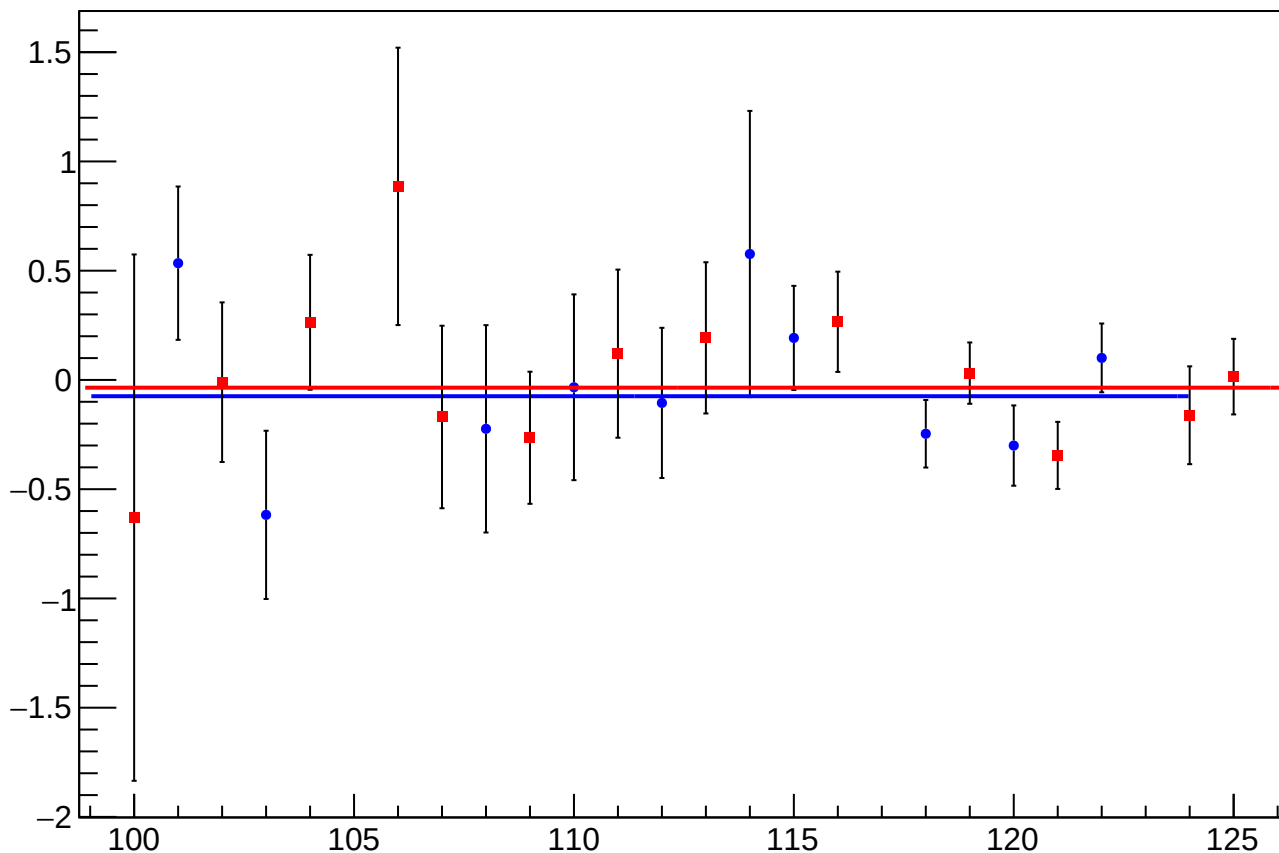
Right: 0.007+/-0.000 χ^2/NDF : 6272482.5/22

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 : 6272482.5/22

asym_sam2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.074 ± 0.078 χ^2/NDF : 11.3/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.035 ± 0.068 χ^2/NDF : 11.0/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

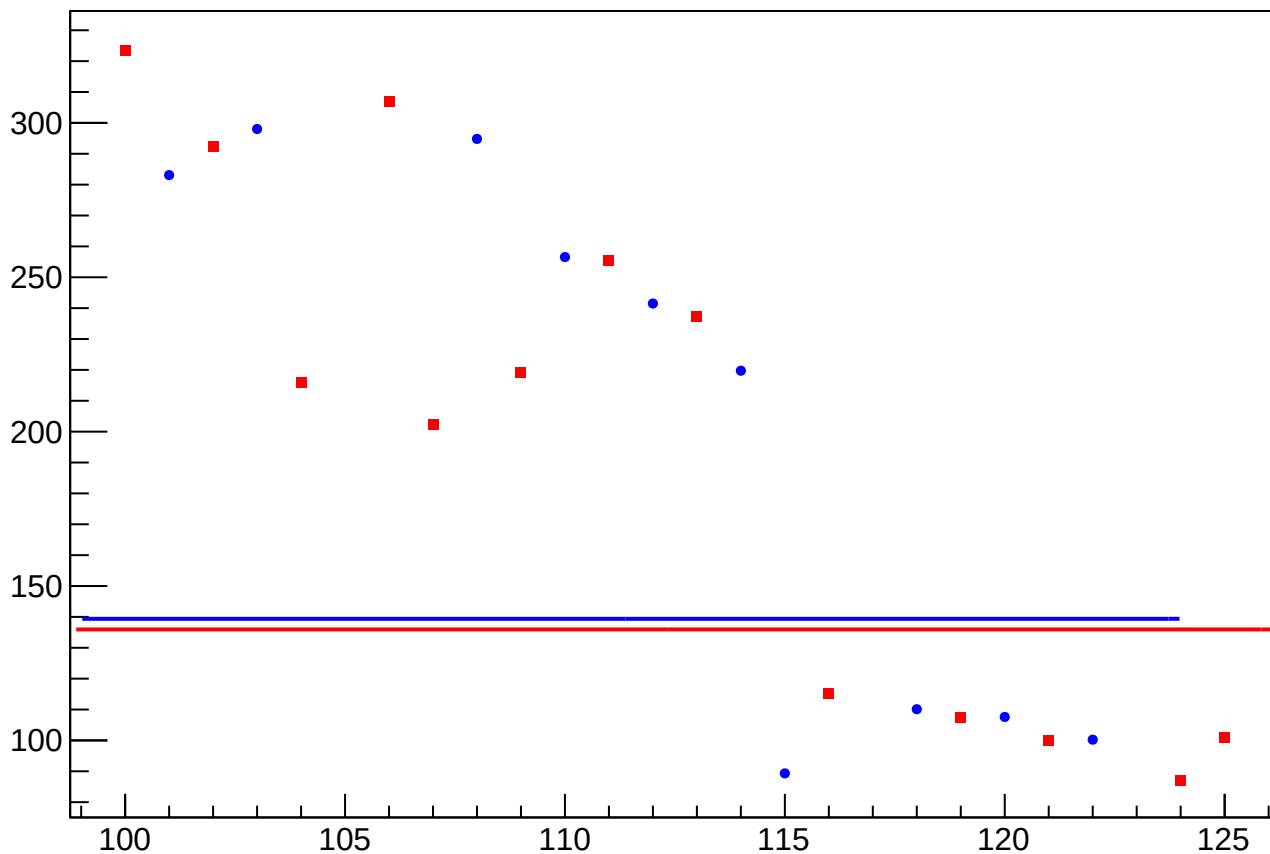
Right: -0.052 ± 0.051 χ^2/NDF : 22.5/22

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 ± 0.051 χ^2/NDF : 22.5/22

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: 135.936+/-0.048 χ^2/NDF : 1646691.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

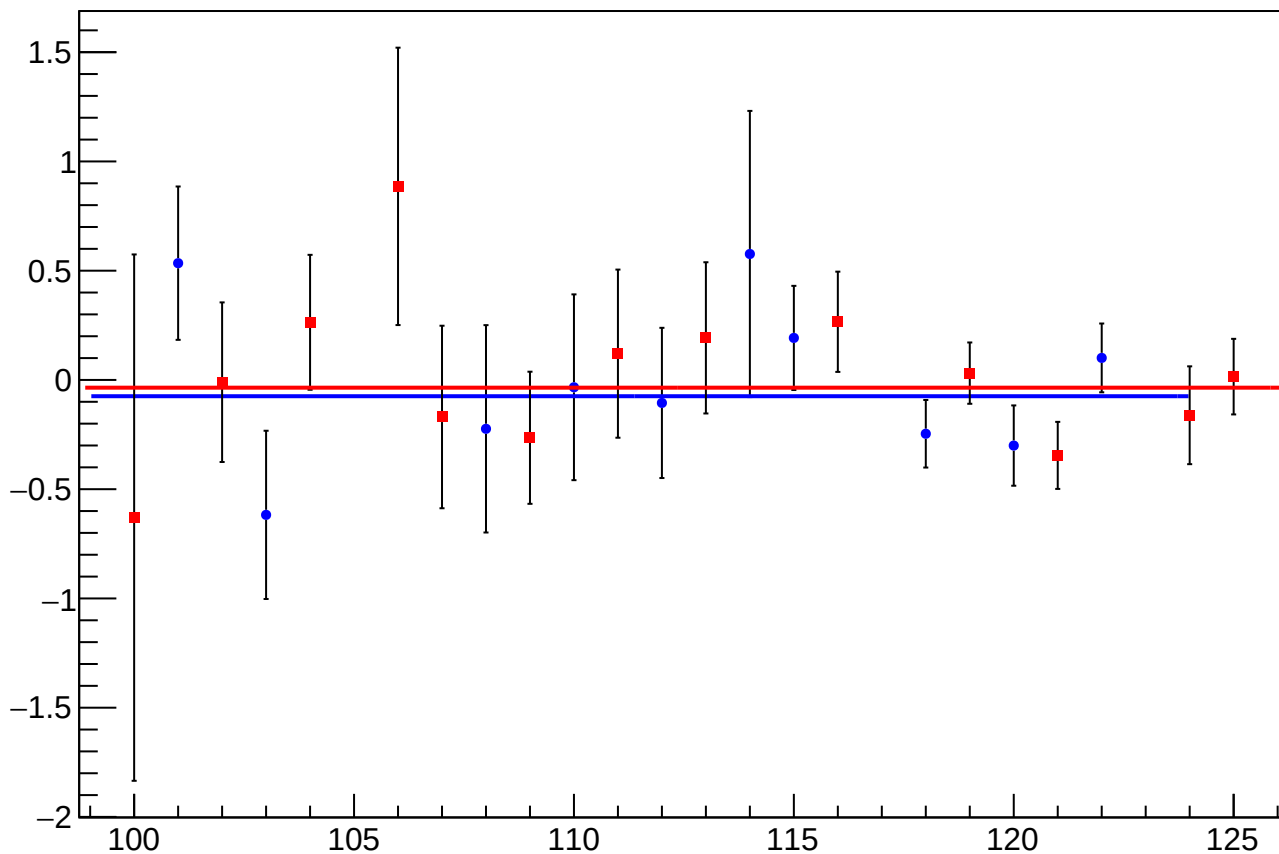
Right: 137.418+/-0.036 χ^2/NDF : 3240651.4/22

In: 139.381+/-0.055 χ^2/NDF : 1591727.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.418+/-0.036 χ^2/NDF : 3240651.4/22

asym_sam2_eigen_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: -0.035+/-0.068 χ^2/NDF : 11.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

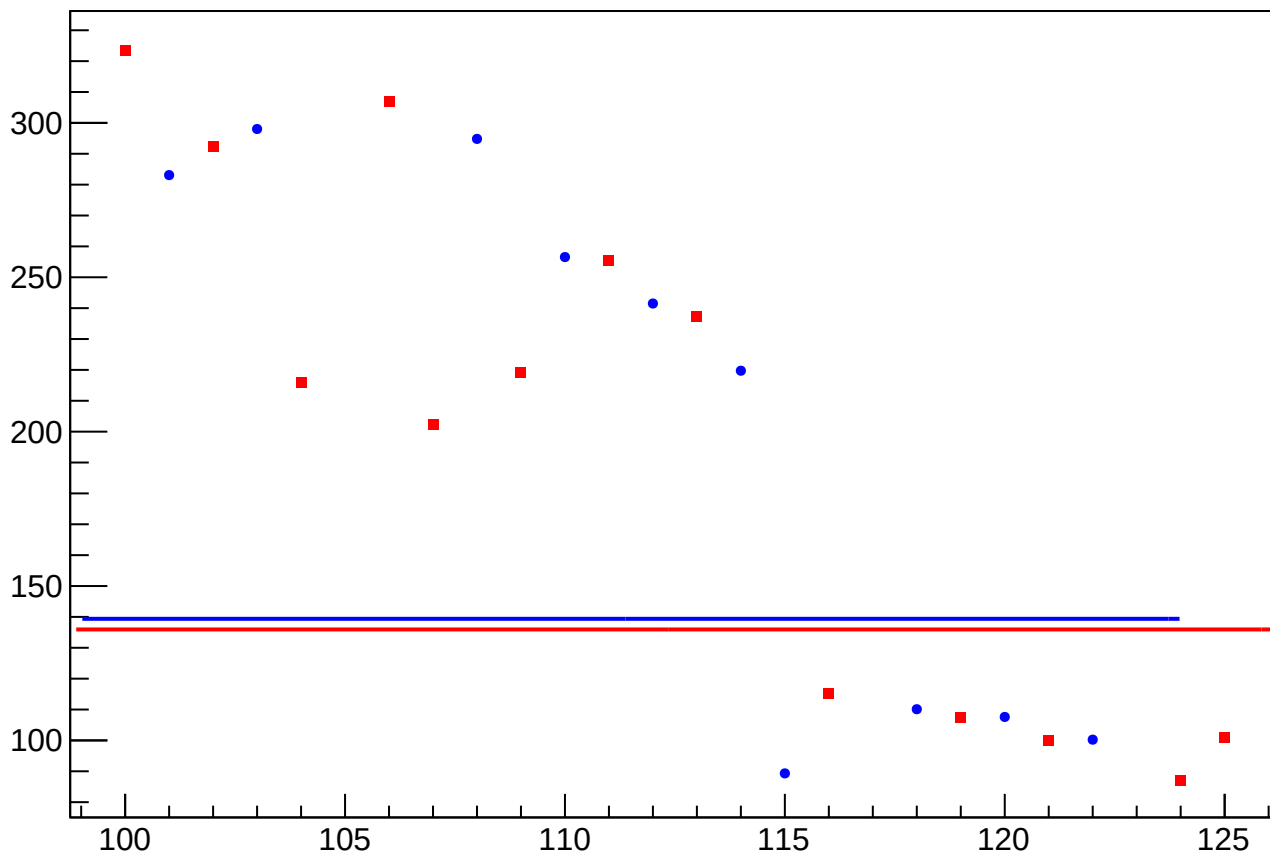
Right: -0.052+/-0.051 χ^2/NDF : 22.5/22

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+/-0.051 χ^2/NDF : 22.5/22

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: 135.936+/-0.048 χ^2/NDF : 1646691.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

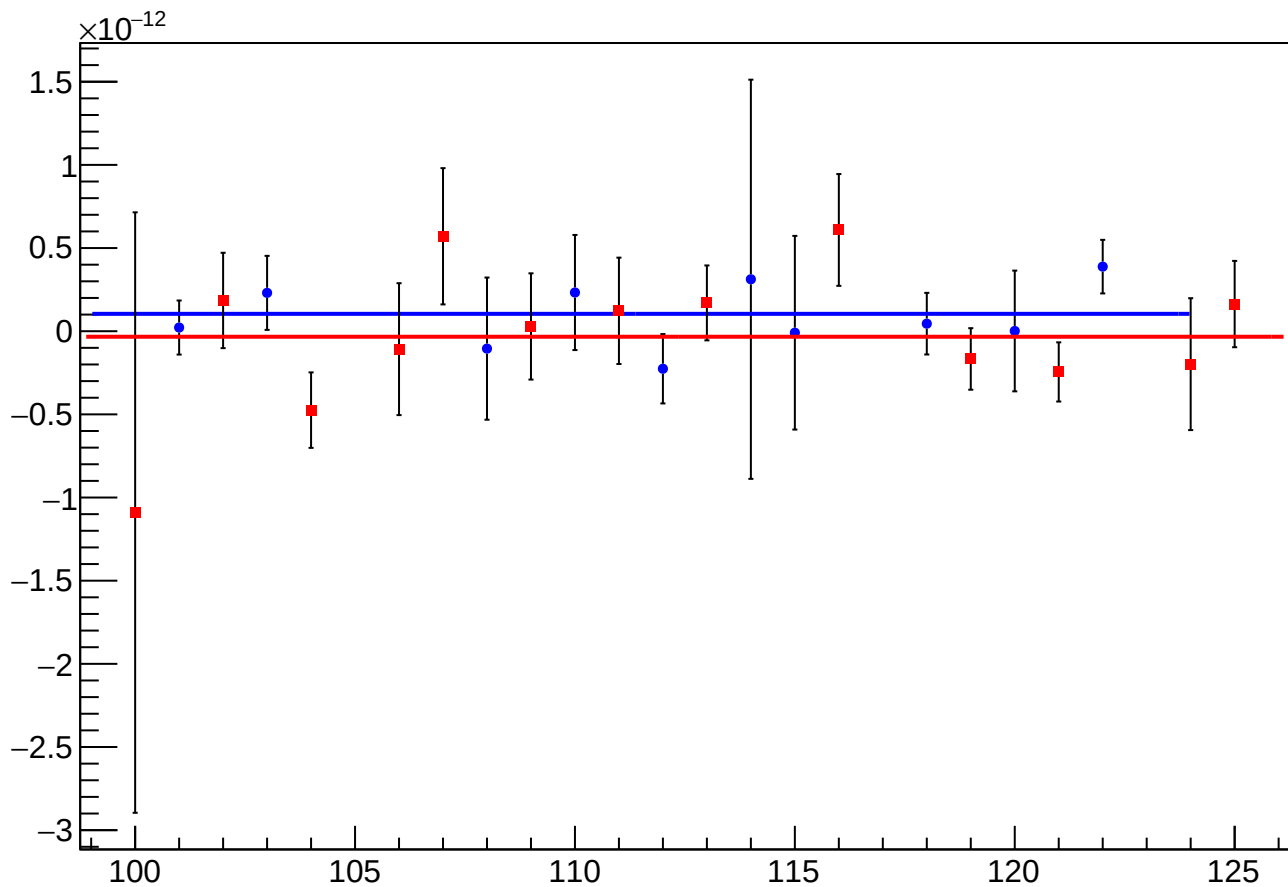
Right: 137.418+/-0.036 χ^2/NDF : 3240651.4/22

In: 139.381+/-0.055 χ^2/NDF :1591727.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 137.418+/-0.036 χ^2/NDF : 3240651.4/22

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 : 14.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

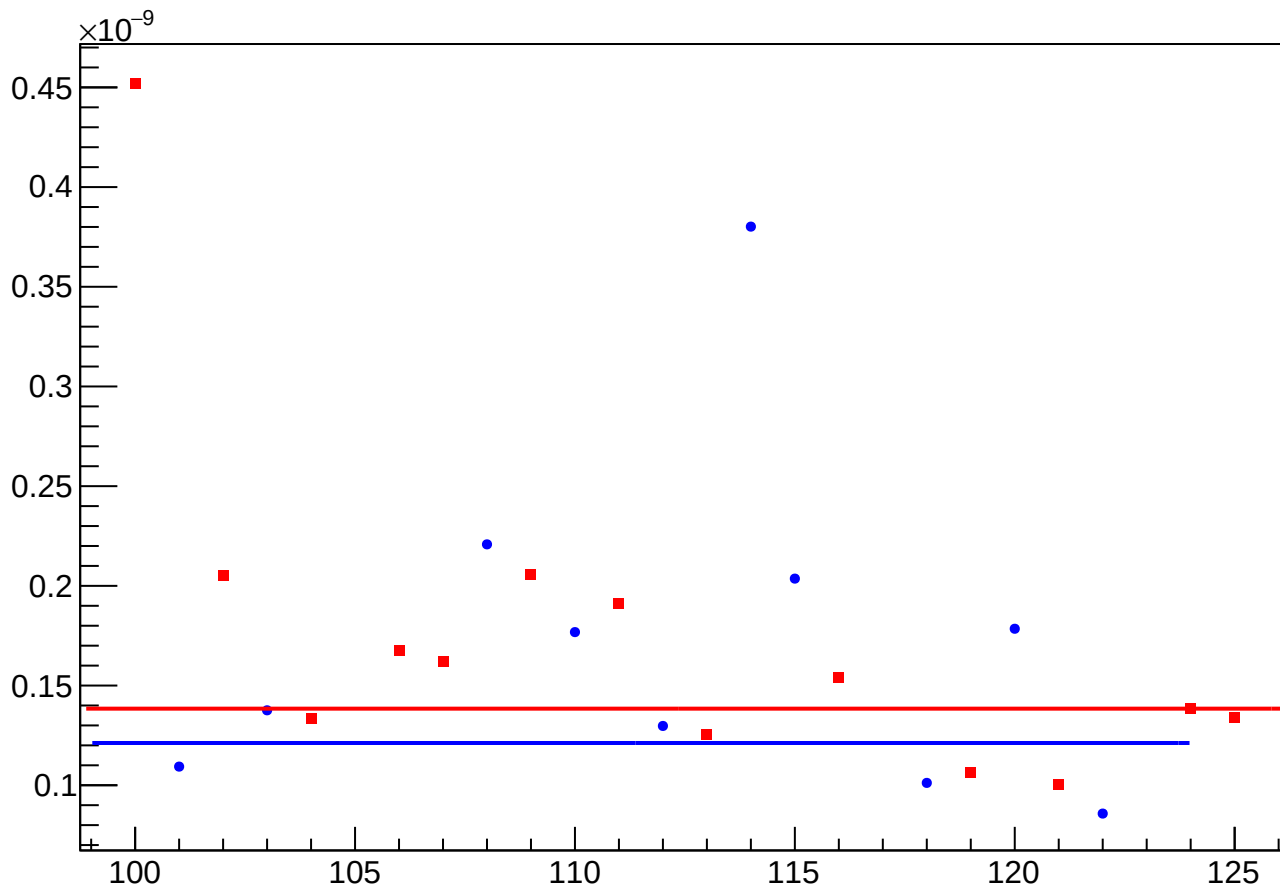
Right: 0.000+/-0.000 χ^2/NDF : 22.8/22

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 : 22.8/22

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 : 492854.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

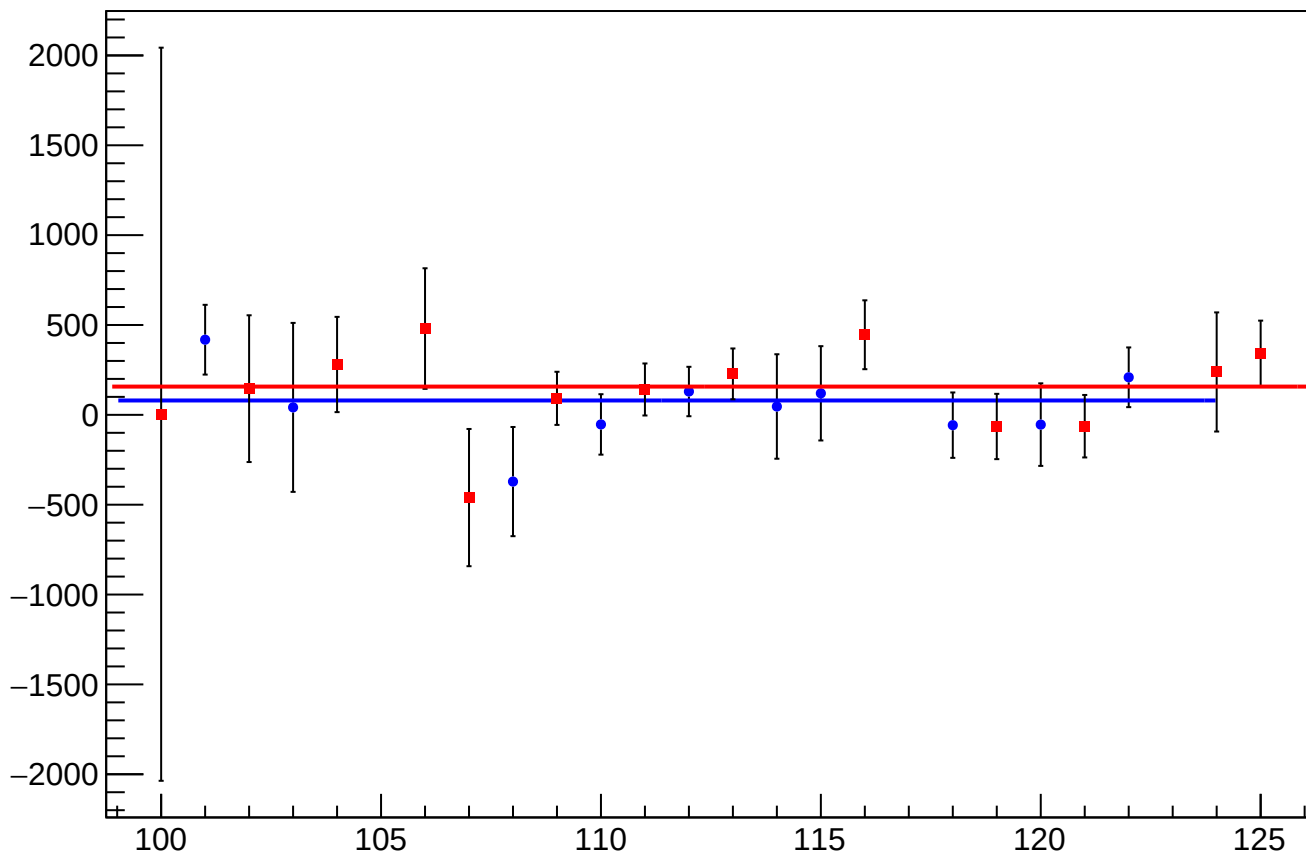
Right: 0.000+/-0.000 χ^2/NDF : 1032580.4/22

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 : 1032580.4/22

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: 157.241+/-56.902 χ^2/NDF : 10.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

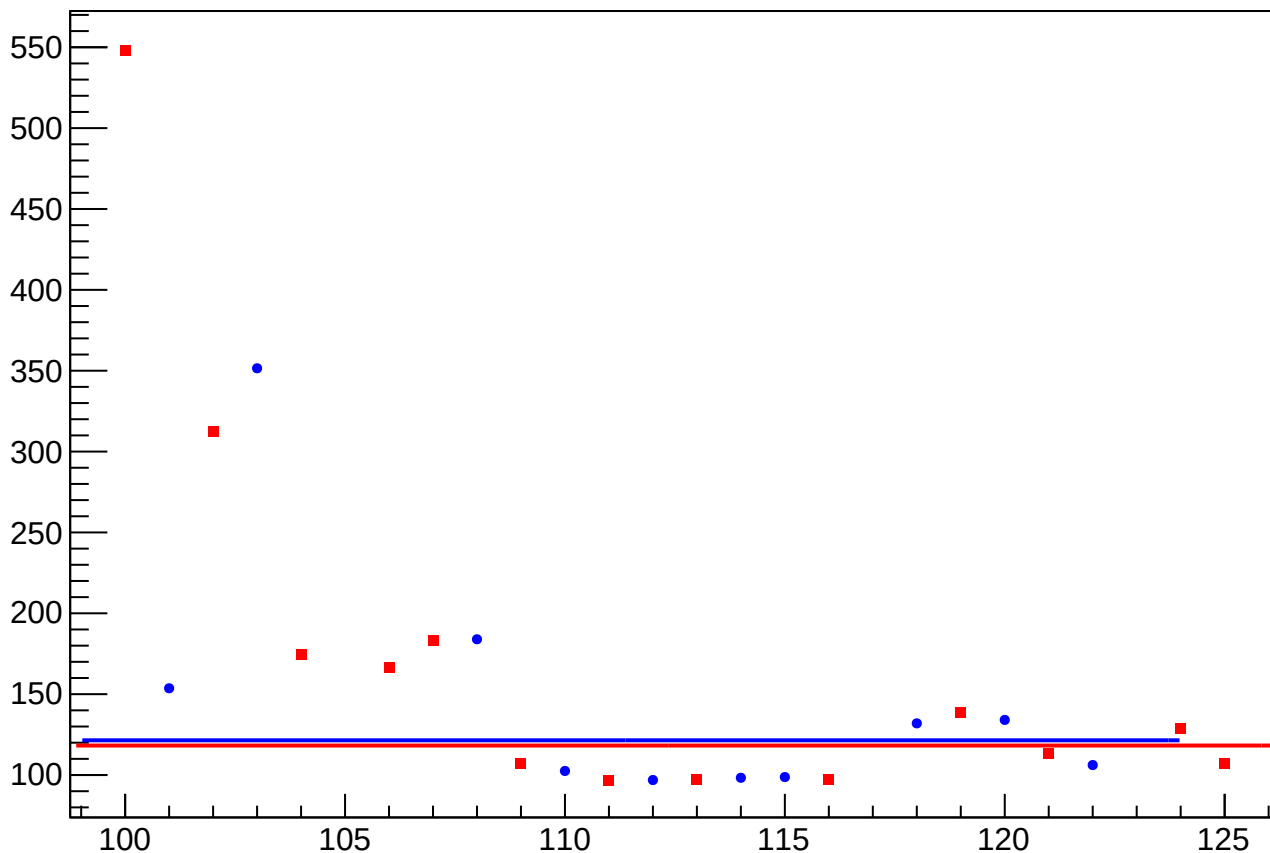
Right: 123.296+/-42.611 χ^2/NDF : 19.0/22

In: 79.961+/-64.293 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.296+/-42.611 χ^2/NDF : 19.0/22

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: 118.238+/-0.040 χ^2/NDF : 890235.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

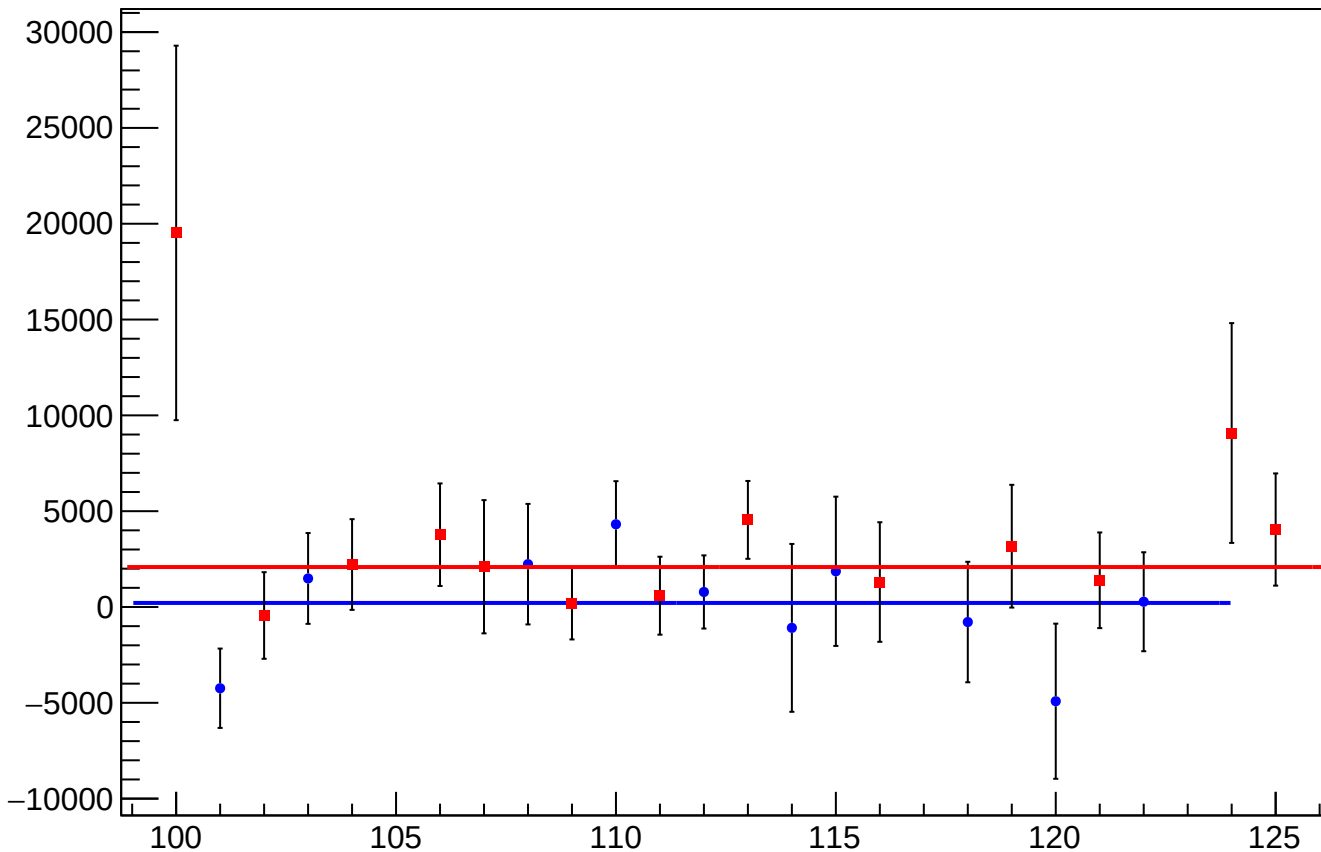
Right: 119.657+/-0.030 χ^2/NDF : 1657946.6/22

In: 121.470+/-0.045 χ^2/NDF : 764877.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.657+/-0.030 χ^2/NDF : 1657946.6/22

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: 2085.368+/-728.835 χ^2/NDF : 10.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

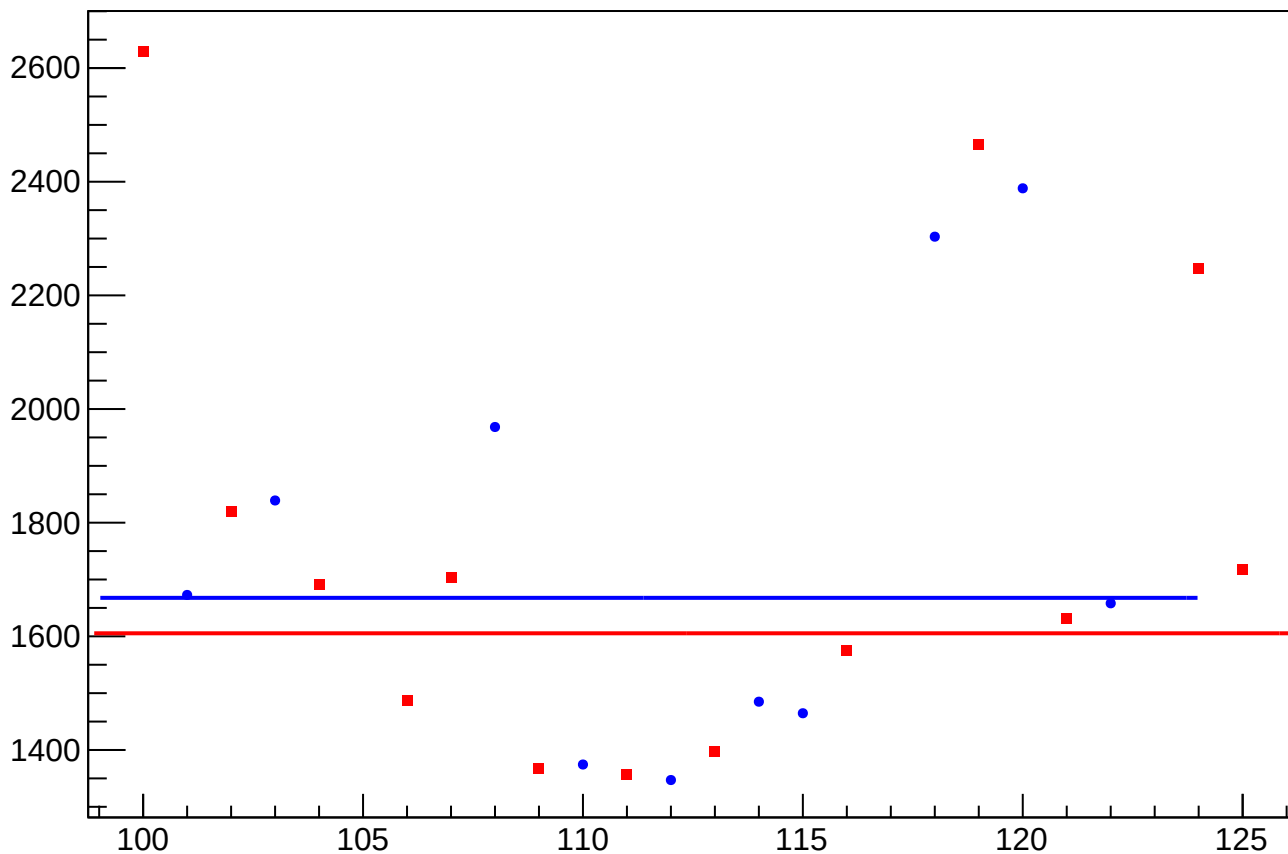
Right: 1281.464+/-550.678 χ^2/NDF : 23.6/22

In: 212.037+/-840.626 χ^2/NDF :10.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1281.464+/-550.678 χ^2/NDF : 23.6/22

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: 1605.348+/-0.515 χ^2/NDF : 303238.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

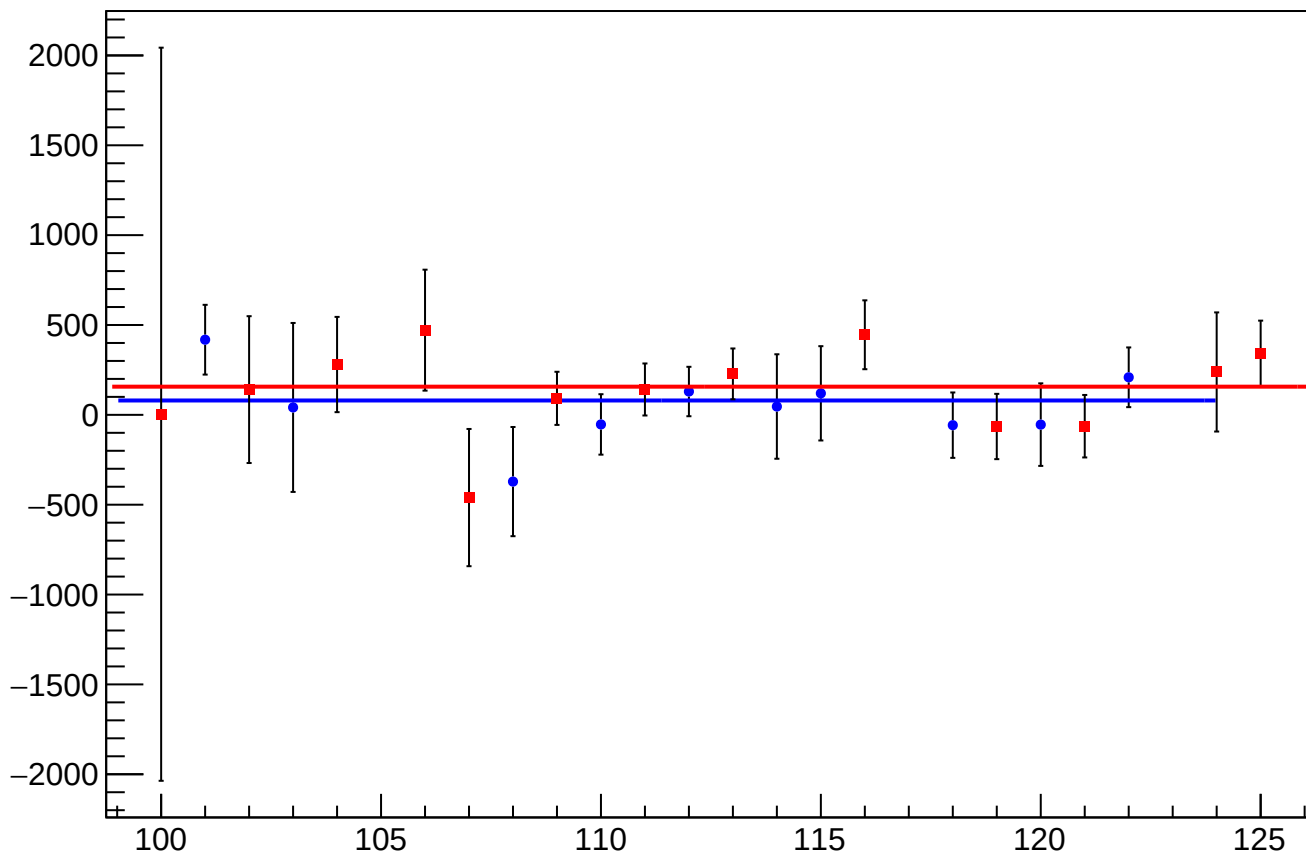
Right: 1632.120+/-0.389 χ^2/NDF : 582841.9/22

In: 1667.734+/-0.594 χ^2/NDF : 273315.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1632.120+/-0.389 χ^2/NDF : 582841.9/22

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: 156.808+/-56.908 χ^2/NDF : 10.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

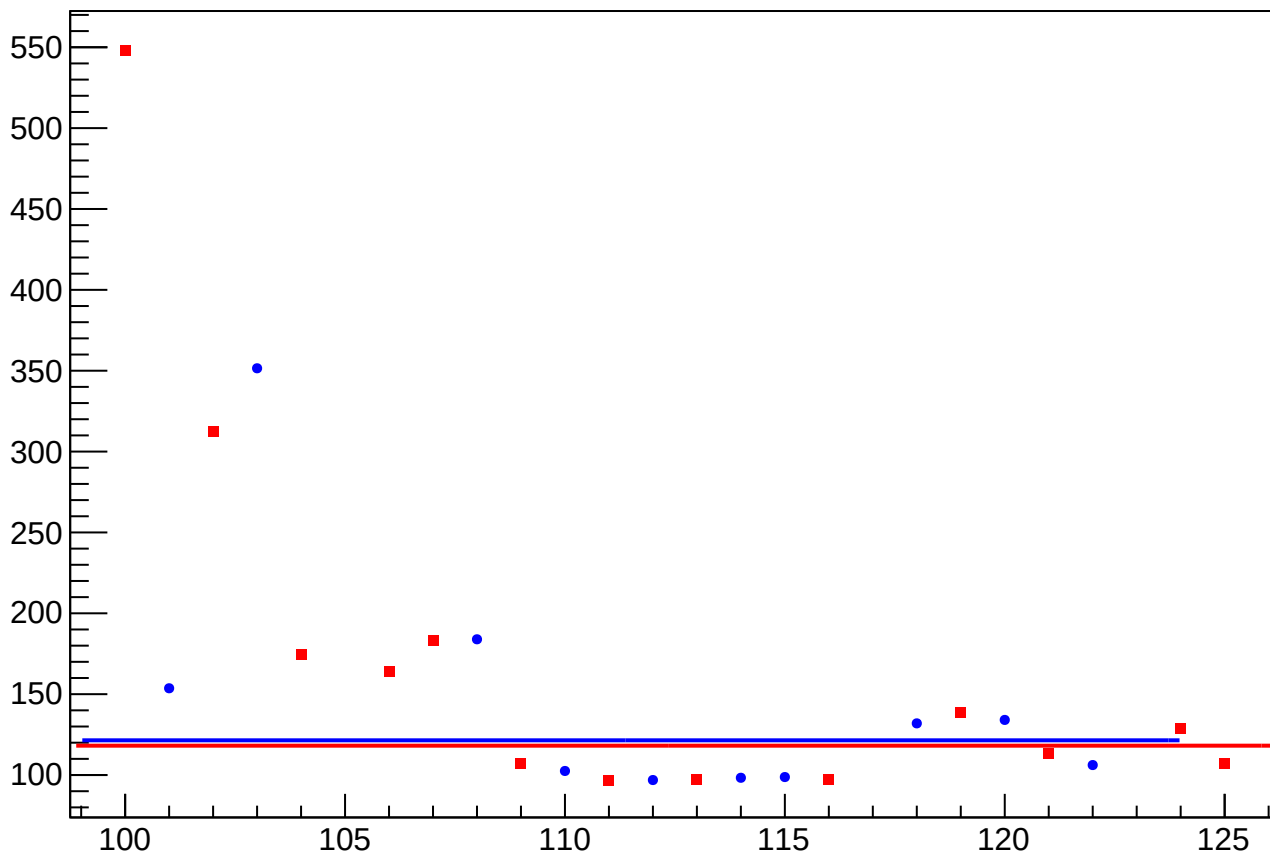
Right: 123.041+/-42.613 χ^2/NDF : 18.9/22

In: 79.941+/-64.293 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.041+/-42.613 χ^2/NDF : 18.9/22

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: 118.158+/-0.040 χ^2/NDF : 886057.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

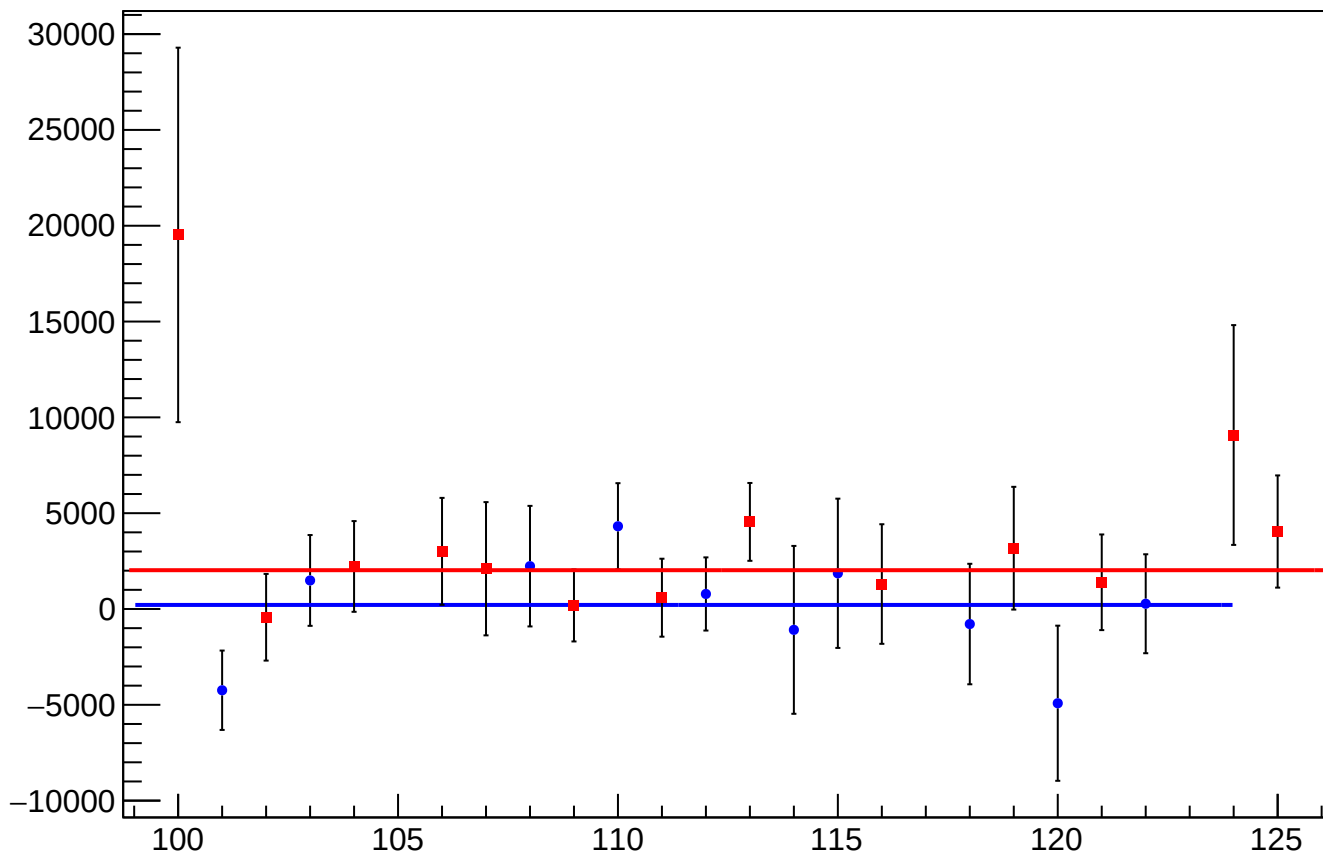
Right: 119.613+/-0.030 χ^2/NDF : 1653912.4/22

In: 121.470+/-0.045 χ^2/NDF : 764879.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.613+/-0.030 χ^2/NDF : 1653912.4/22

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: 2024.688+/-731.099 χ^2/NDF : 9.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

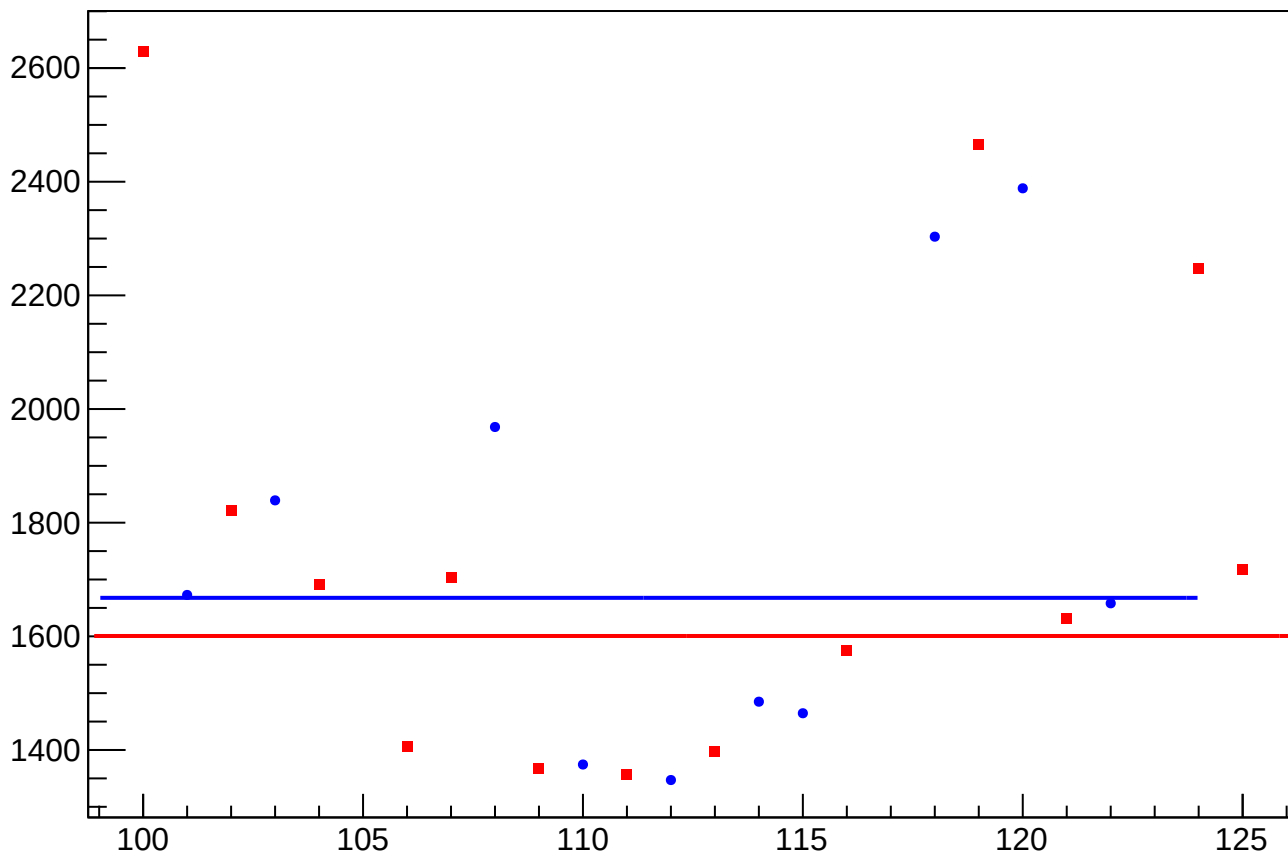
Right: 1244.101+/-551.656 χ^2/NDF : 23.1/22

In: 212.084+/-840.637 χ^2/NDF :10.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1244.101+/-551.656 χ^2/NDF : 23.1/22

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: 1600.613+/-0.517 χ^2/NDF : 309662.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

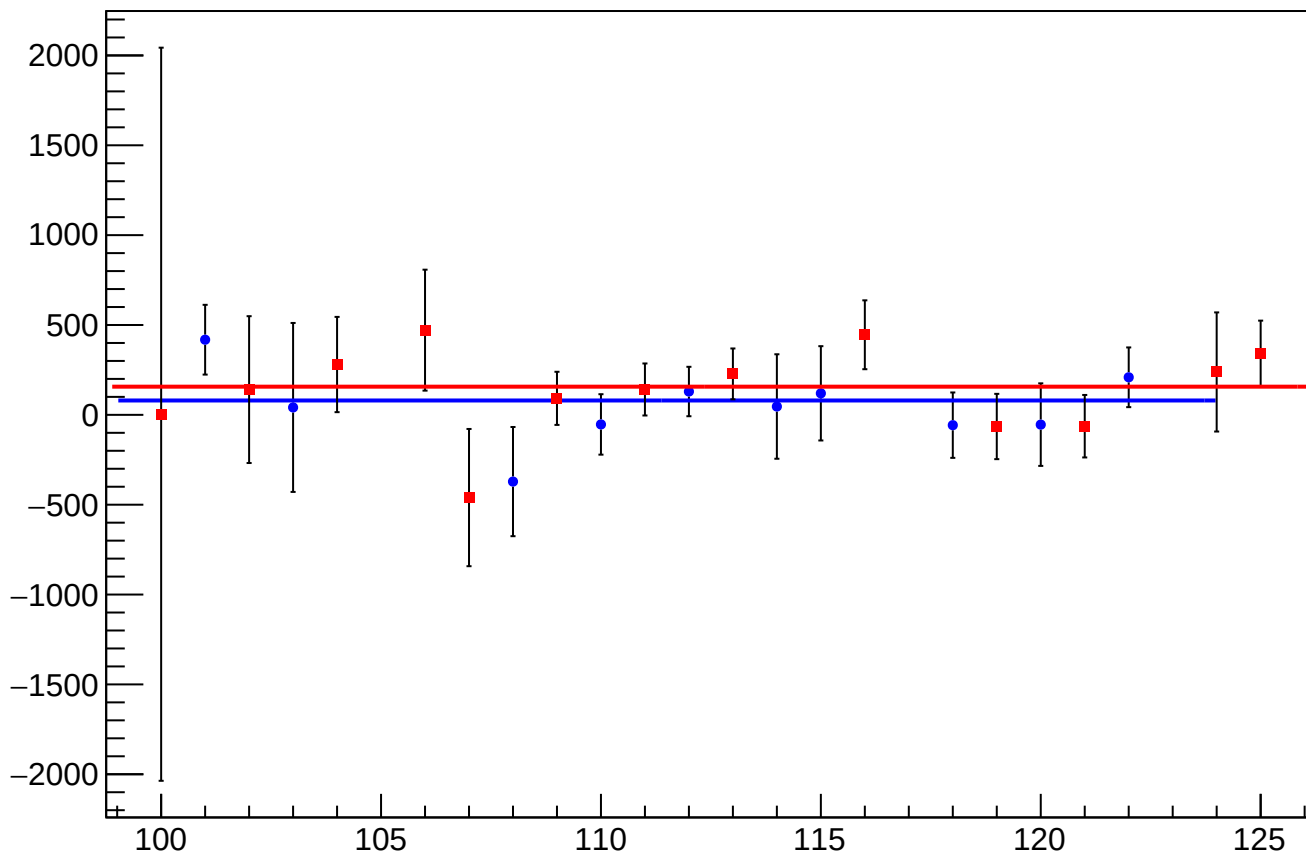
Right: 1629.526+/-0.390 χ^2/NDF : 590263.9/22

In: 1667.753+/-0.594 χ^2/NDF : 273337.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1629.526+/-0.390 χ^2/NDF : 590263.9/22

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: 156.808+/-56.908 χ^2/NDF : 10.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

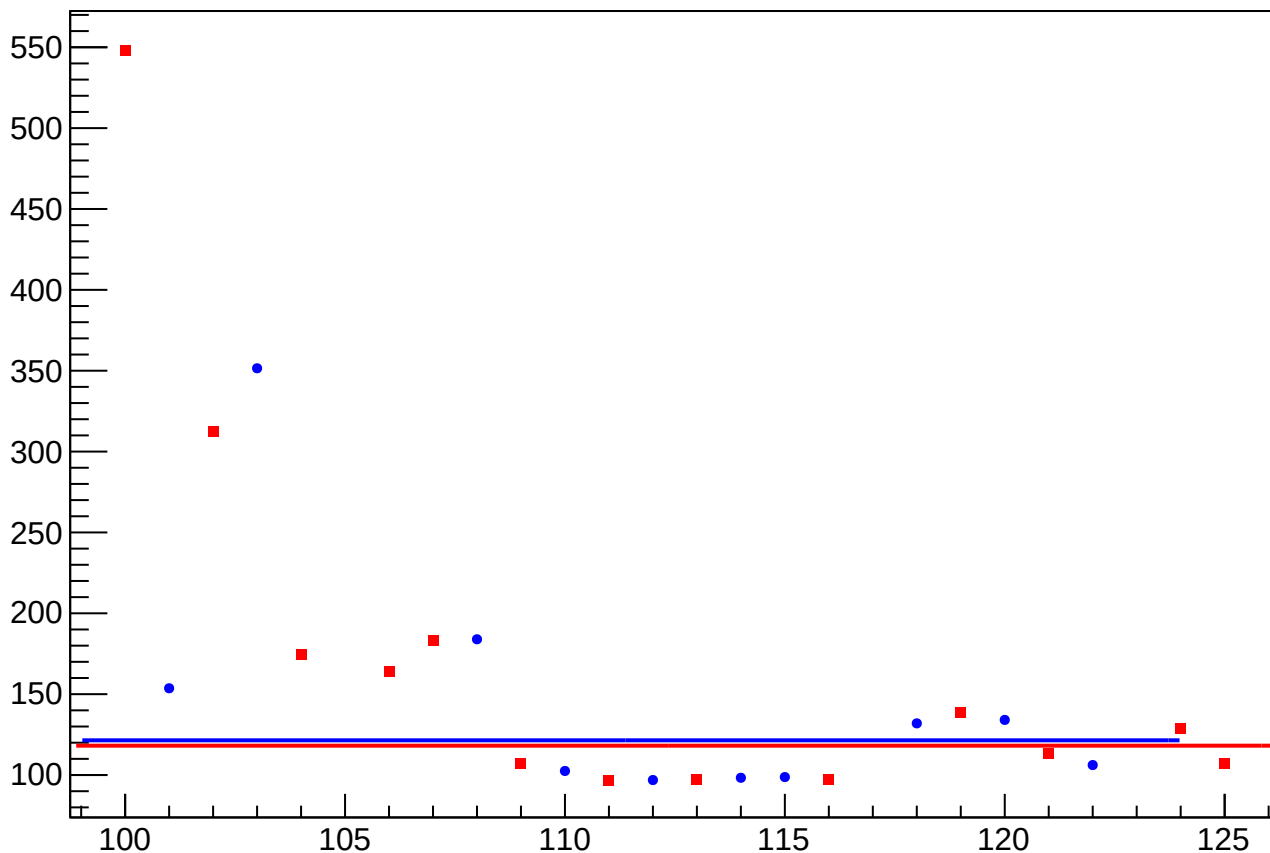
Right: 123.041+/-42.613 χ^2/NDF : 18.9/22

In: 79.941+/-64.293 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.041+/-42.613 χ^2/NDF : 18.9/22

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: 118.158+/-0.040 χ^2/NDF : 886057.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

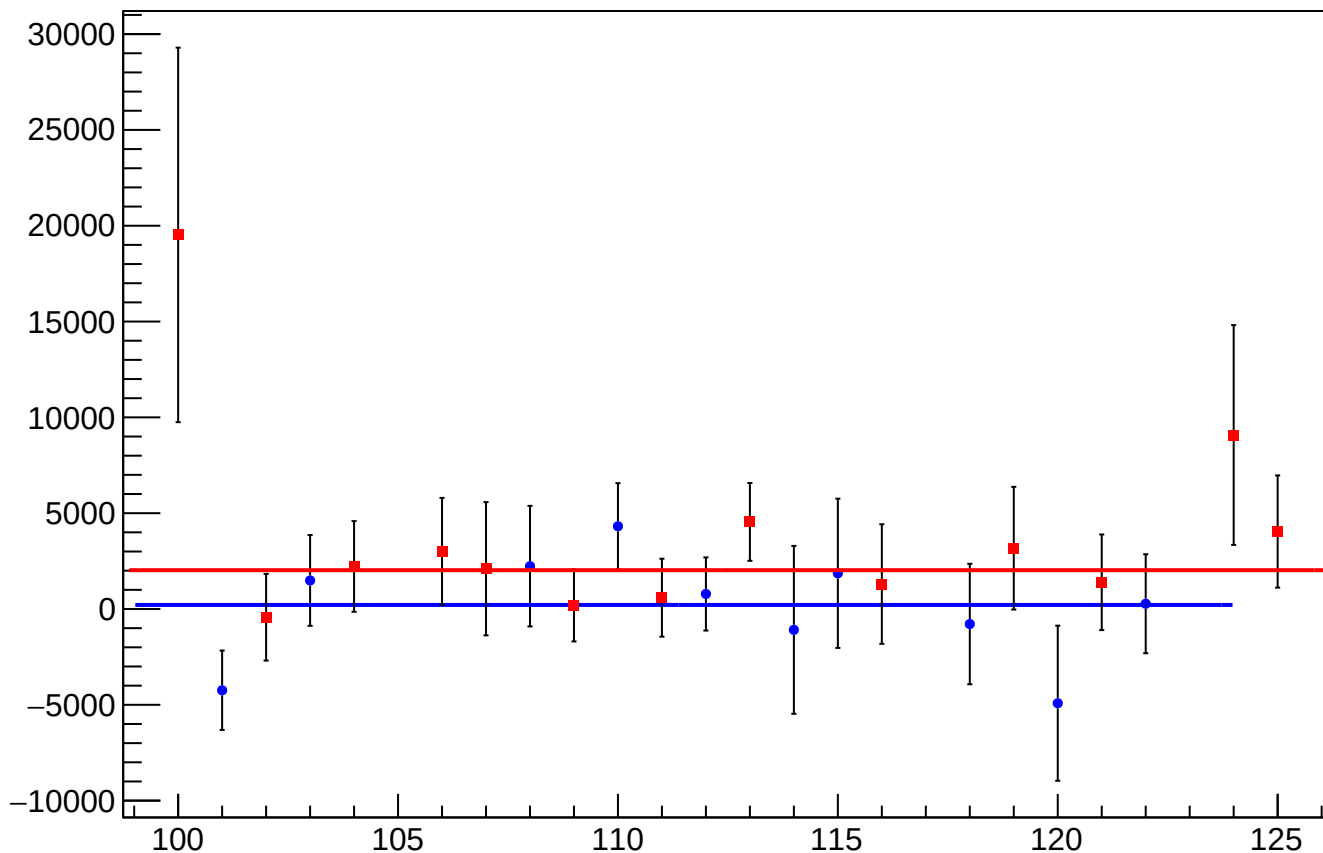
Right: 119.613+/-0.030 χ^2/NDF : 1653912.4/22

In: 121.470+/-0.045 χ^2/NDF : 764879.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.613+/-0.030 χ^2/NDF : 1653912.4/22

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: 2024.688+/-731.099 χ^2/NDF : 9.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

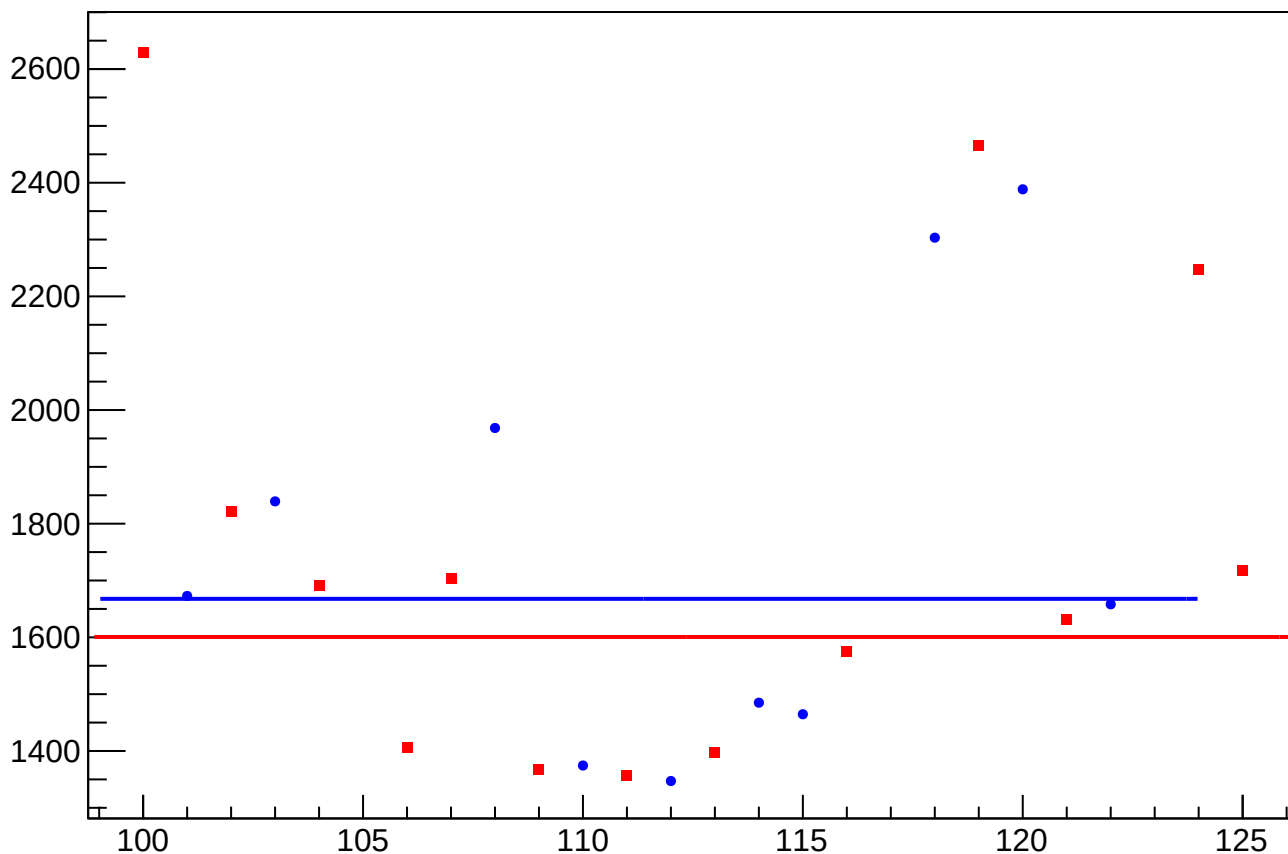
Right: 1244.101+/-551.656 χ^2/NDF : 23.1/22

In: 212.084+/-840.637 χ^2/NDF :10.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1244.101+/-551.656 χ^2/NDF : 23.1/22

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: 1600.613+/-0.517 χ^2/NDF : 309662.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

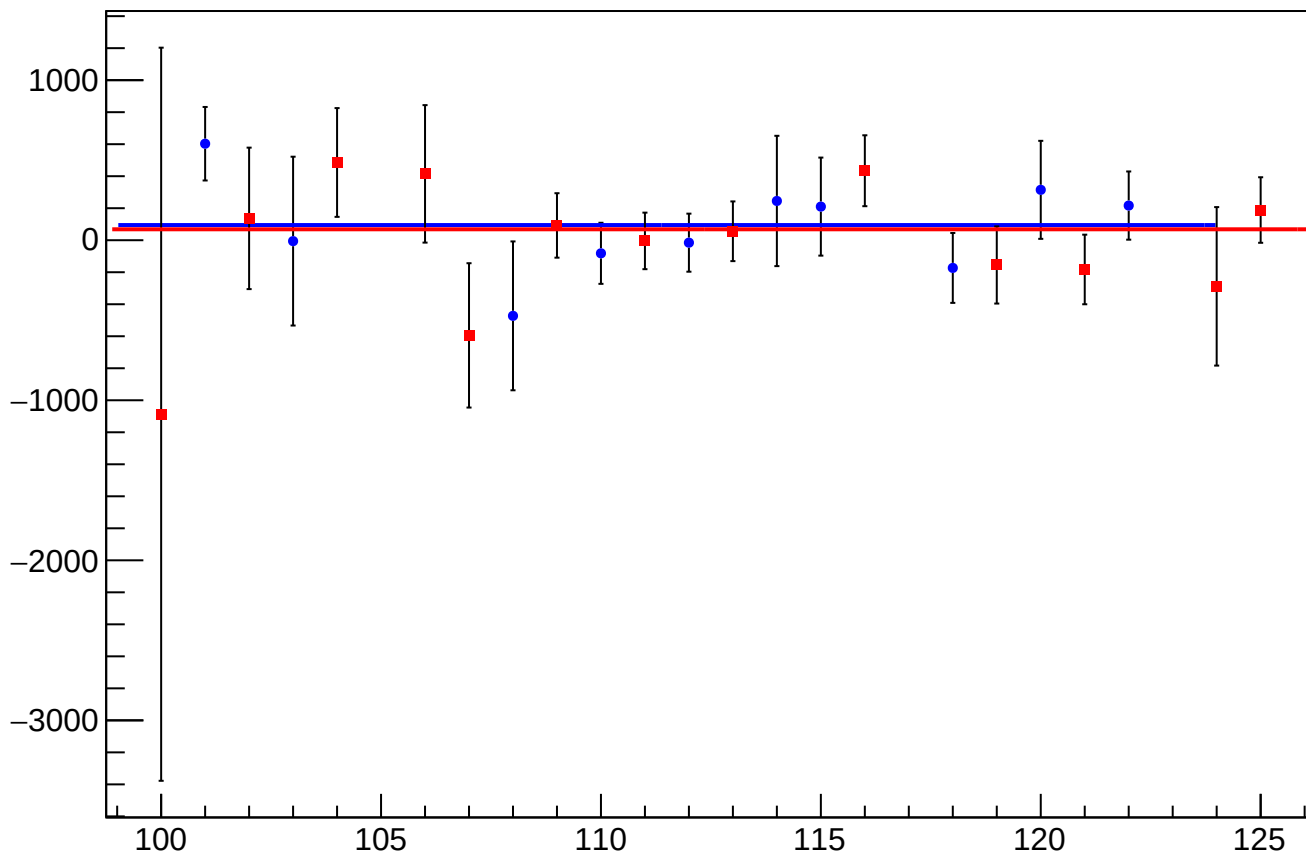
Right: 1629.526+/-0.390 χ^2/NDF : 590263.9/22

In: 1667.753+/-0.594 χ^2/NDF : 273337.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1629.526+/-0.390 χ^2/NDF : 590263.9/22

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 94.737+/-80.218 χ^2/NDF : 10.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.271+/-71.349 χ^2/NDF : 10.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

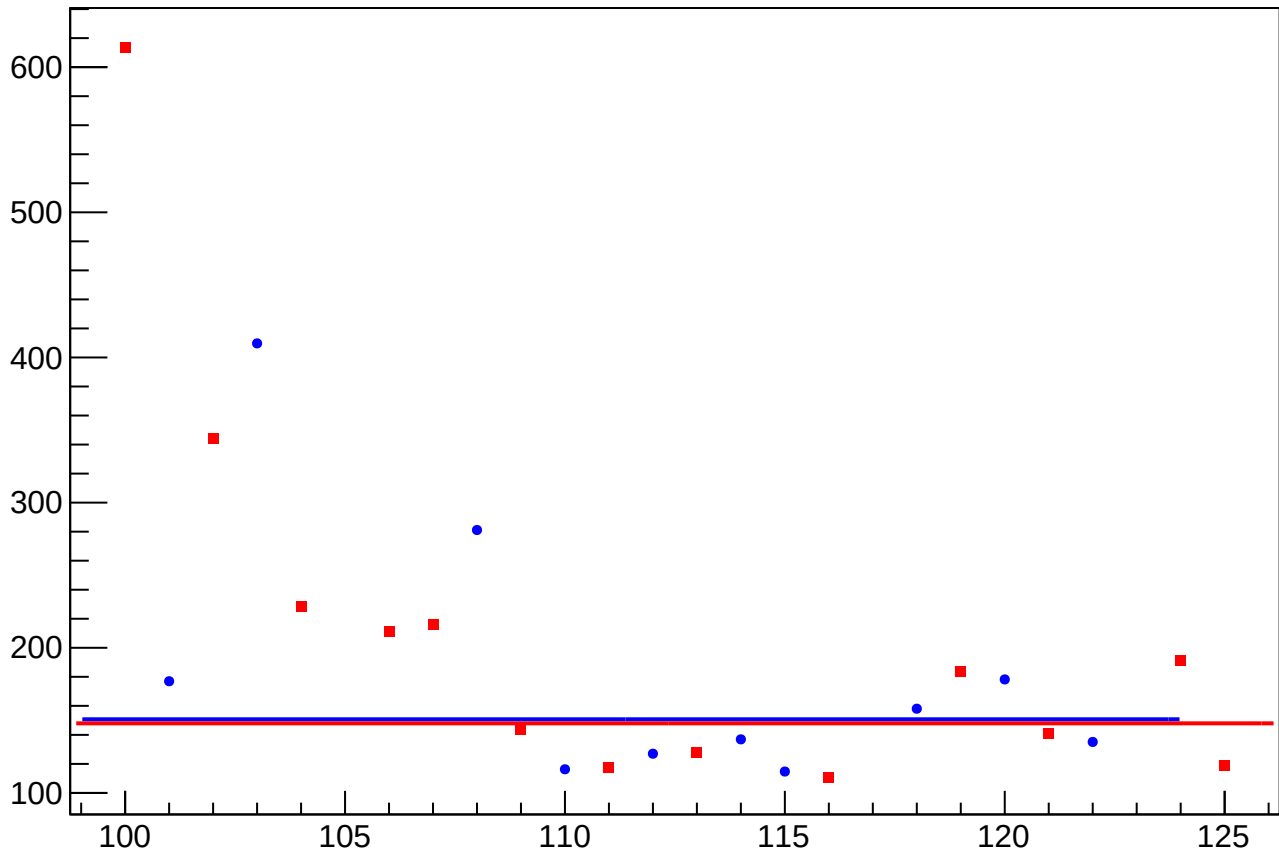
Right: 79.961+/-53.312 χ^2/NDF : 20.9/22

In: 94.737+/-80.218 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.961+/-53.312 χ^2/NDF : 20.9/22

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 150.735 $\pm$ 0.057 χ^2 /NDF: 823778.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 147.948 $\pm$ 0.050 χ^2 /NDF: 919695.3/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

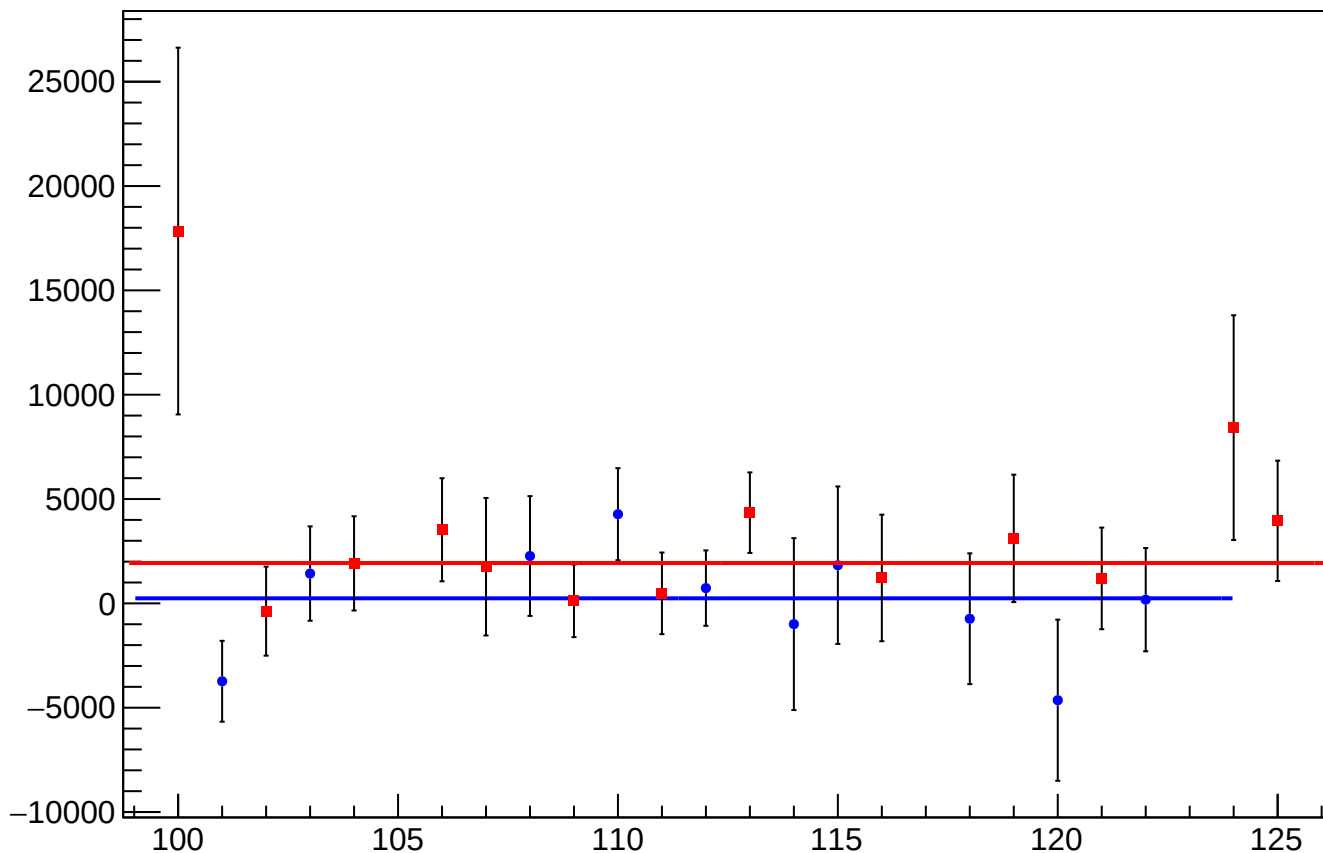
Right: 149.179 $\pm$ 0.038 χ^2 /NDF: 1744821.2/22

In: 150.735 $\pm$ 0.057 χ^2 /NDF:823778.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 149.179 $\pm$ 0.038 χ^2 /NDF: 1744821.2/22

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: 1934.851+/-692.637 χ^2/NDF : 10.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

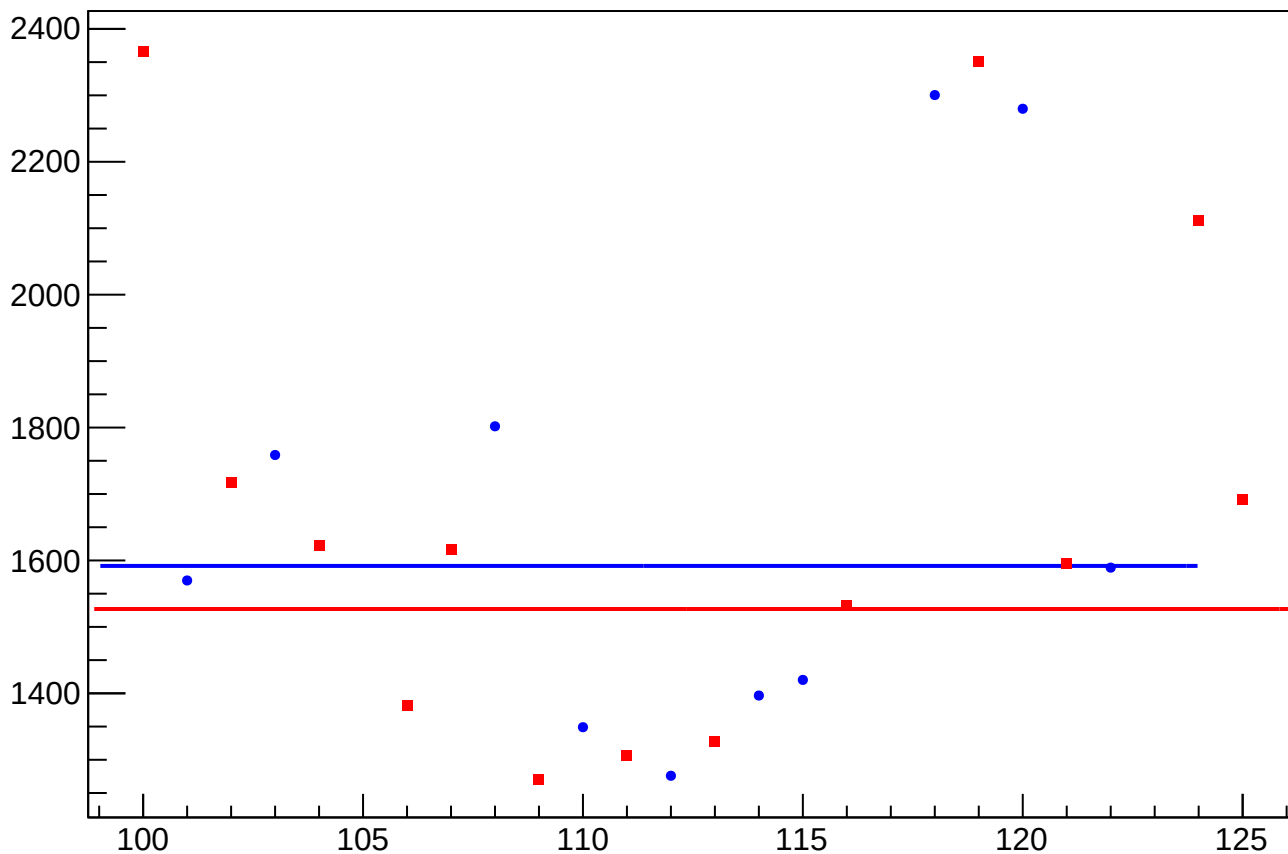
Right: 1211.321+/-524.078 χ^2/NDF : 23.2/22

In: 242.356+/-801.552 χ^2/NDF :10.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1211.321+/-524.078 χ^2/NDF : 23.2/22

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: 1526.943+/-0.490 χ^2/NDF : 313831.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

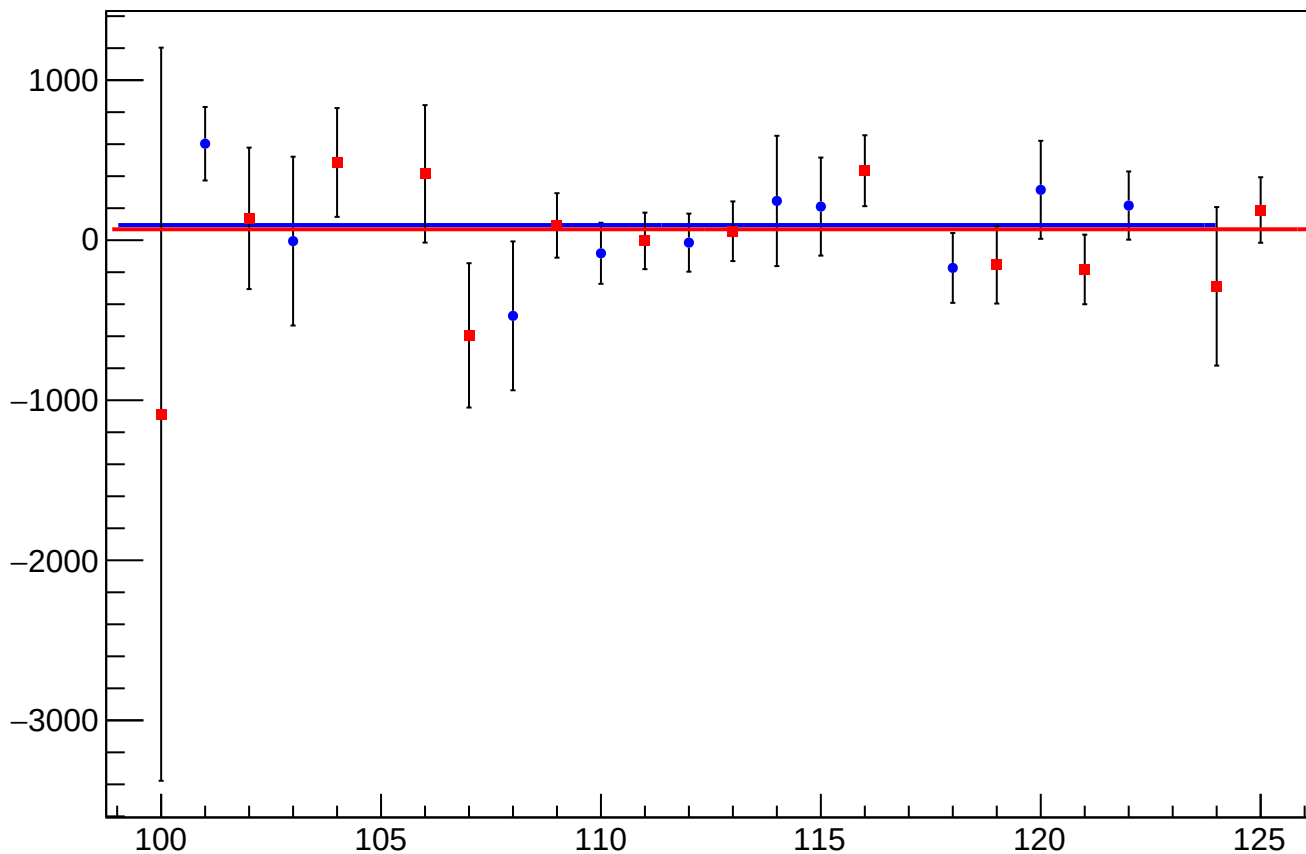
Right: 1554.660+/-0.371 χ^2/NDF : 602899.8/22

In: 1591.778+/-0.567 χ^2/NDF : 281577.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1554.660+/-0.371 χ^2/NDF : 602899.8/22

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: 68.267+/-71.349 χ^2/NDF : 10.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

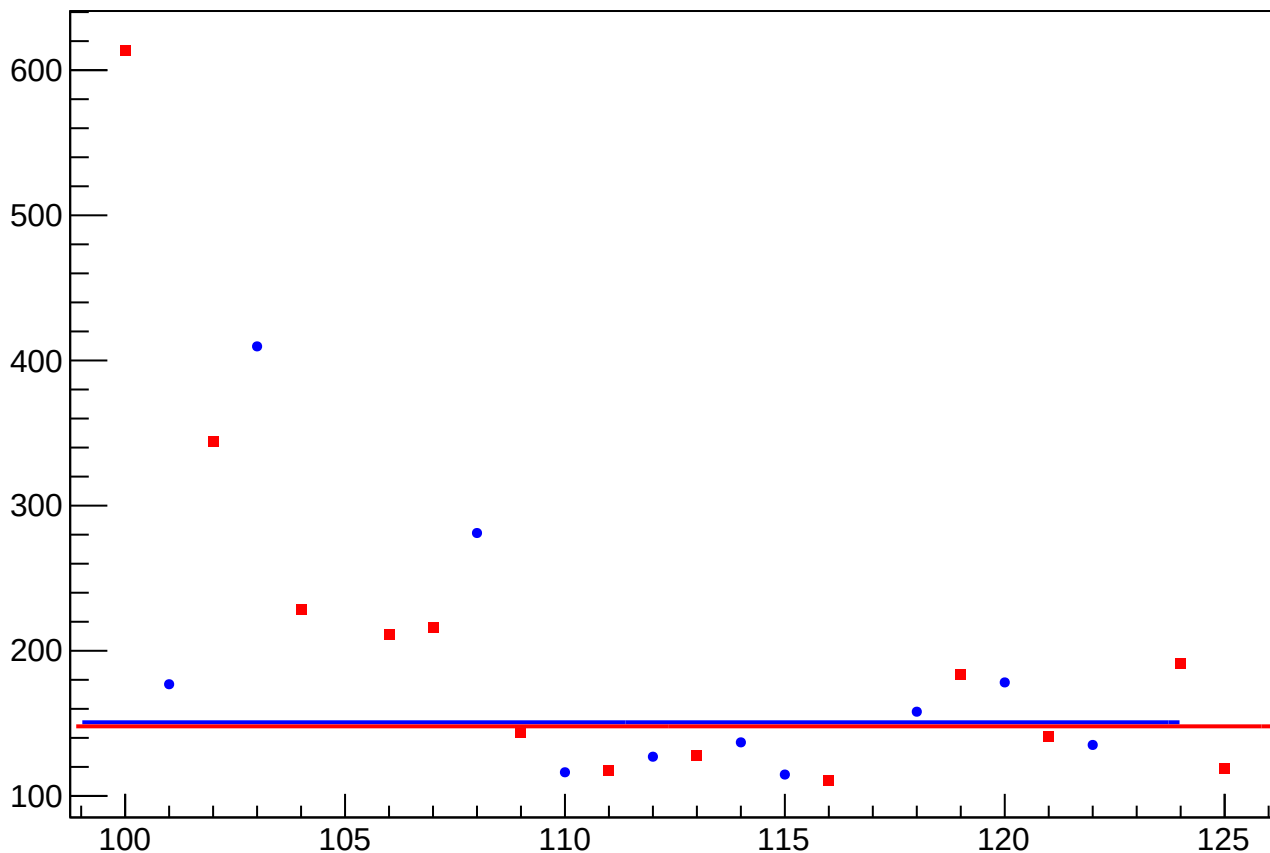
Right: 79.957+/-53.313 χ^2/NDF : 20.9/22

In: 94.734+/-80.218 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.957+/-53.313 χ^2/NDF : 20.9/22

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: 147.949+/-0.050 χ^2/NDF : 919691.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

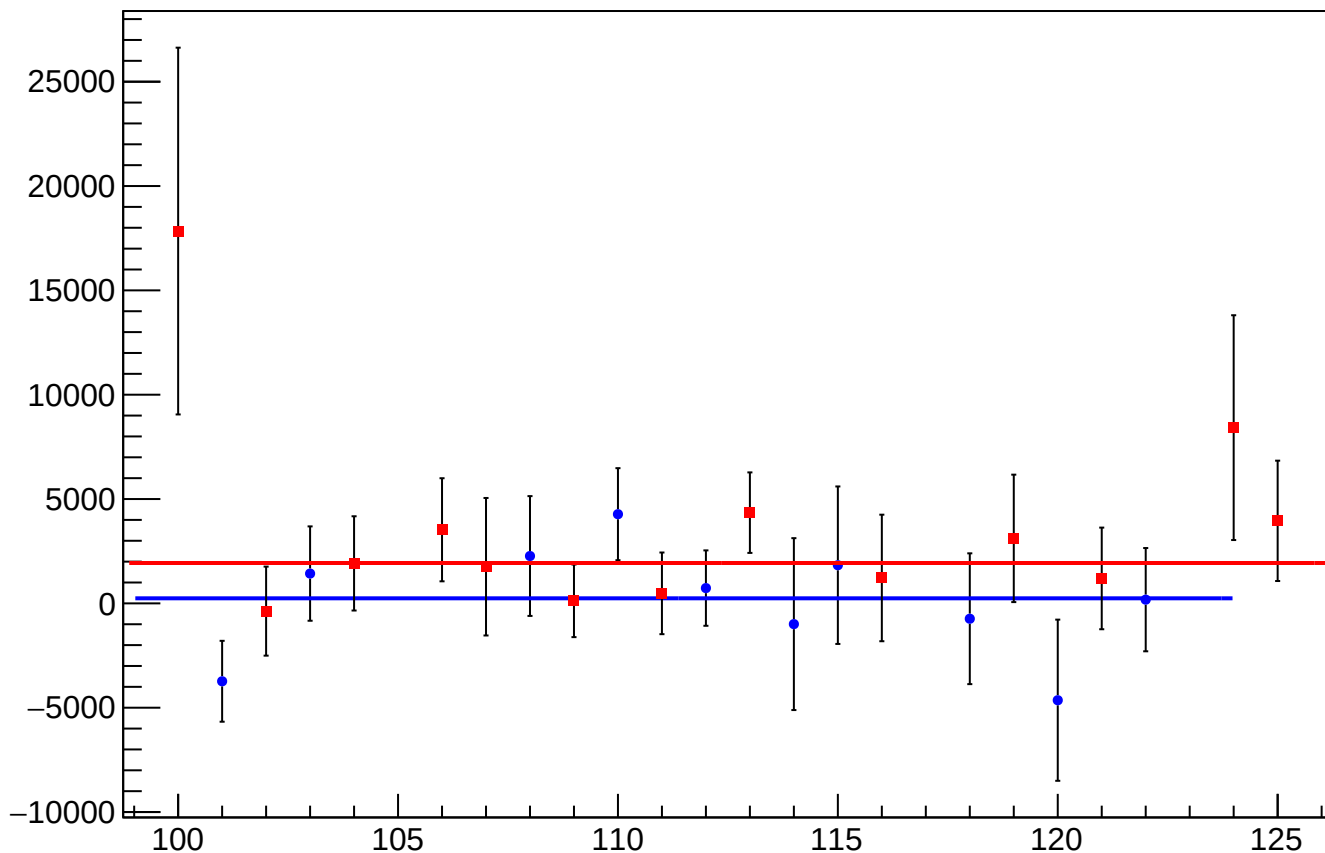
Right: 149.180+/-0.038 χ^2/NDF : 1744811.6/22

In: 150.736+/-0.057 χ^2/NDF :823772.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 149.180+/-0.038 χ^2/NDF : 1744811.6/22

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: 1934.847+/-692.636 χ^2/NDF : 10.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

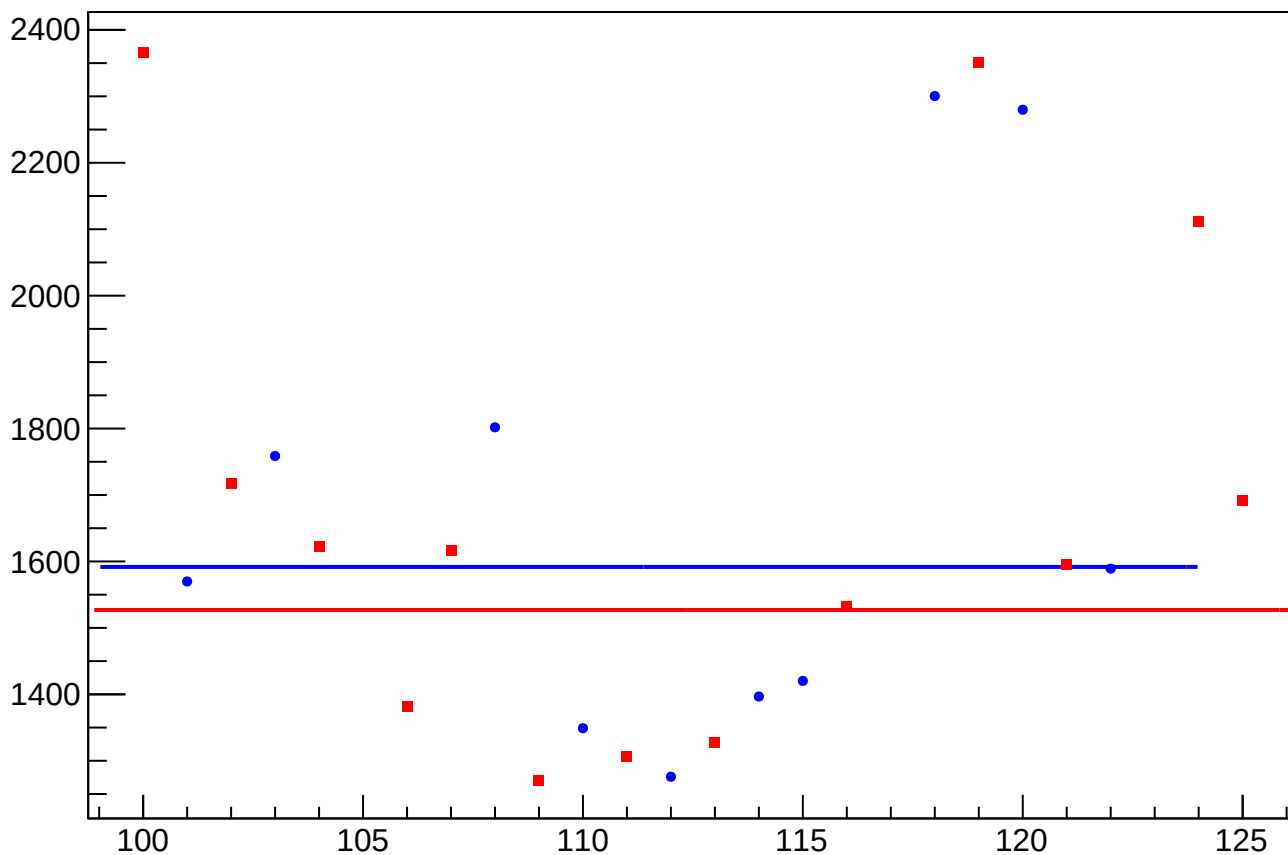
Right: 1211.319+/-524.077 χ^2/NDF : 23.2/22

In: 242.355+/-801.550 χ^2/NDF :10.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1211.319+/-524.077 χ^2/NDF : 23.2/22

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: 1526.940+/-0.490 χ^2/NDF : 313830.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

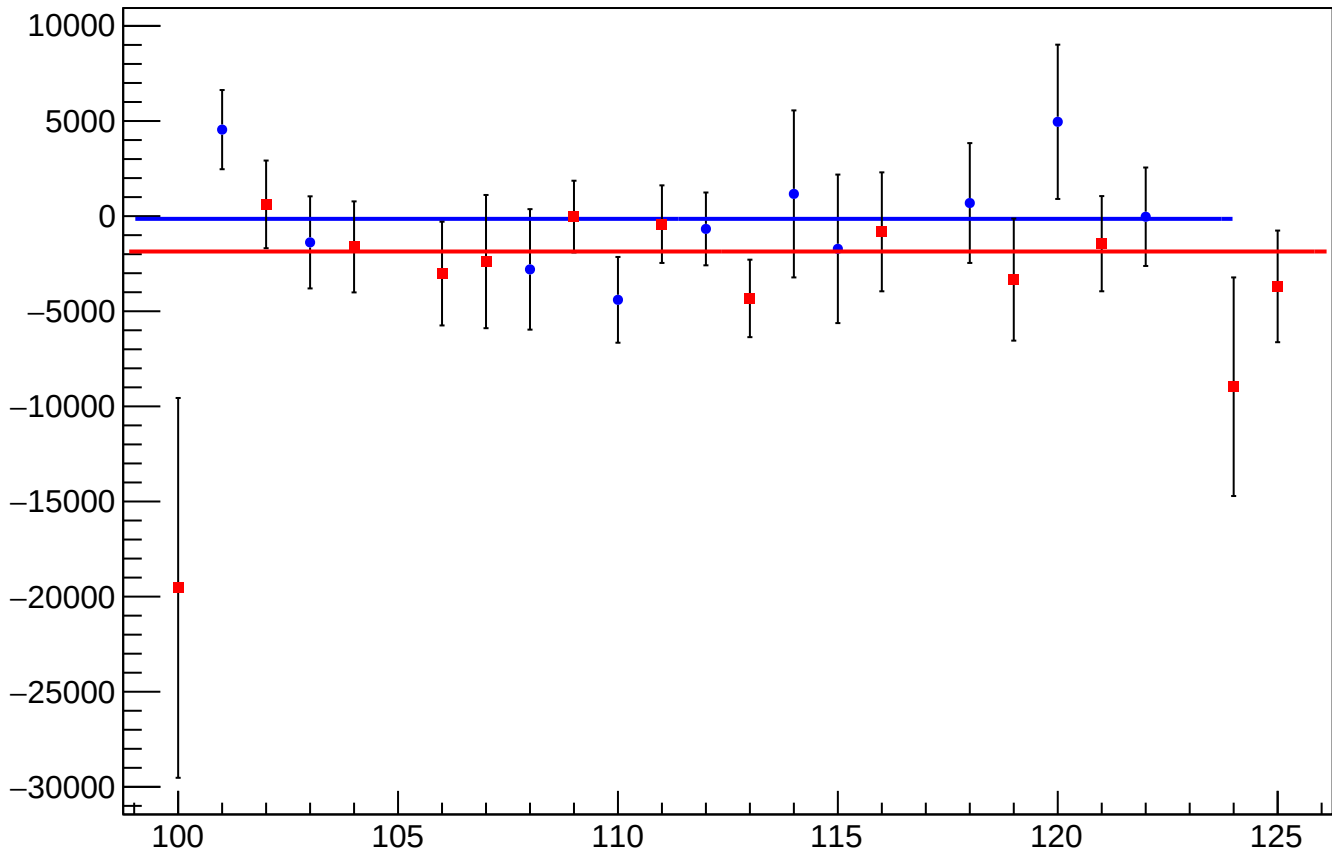
Right: 1554.657+/-0.371 χ^2/NDF : 602901.4/22

In: 1591.775+/-0.567 χ^2/NDF : 281579.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1554.657+/-0.371 χ^2/NDF : 602901.4/22

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: -1859.174+/-733.626 χ^2/NDF : 9.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

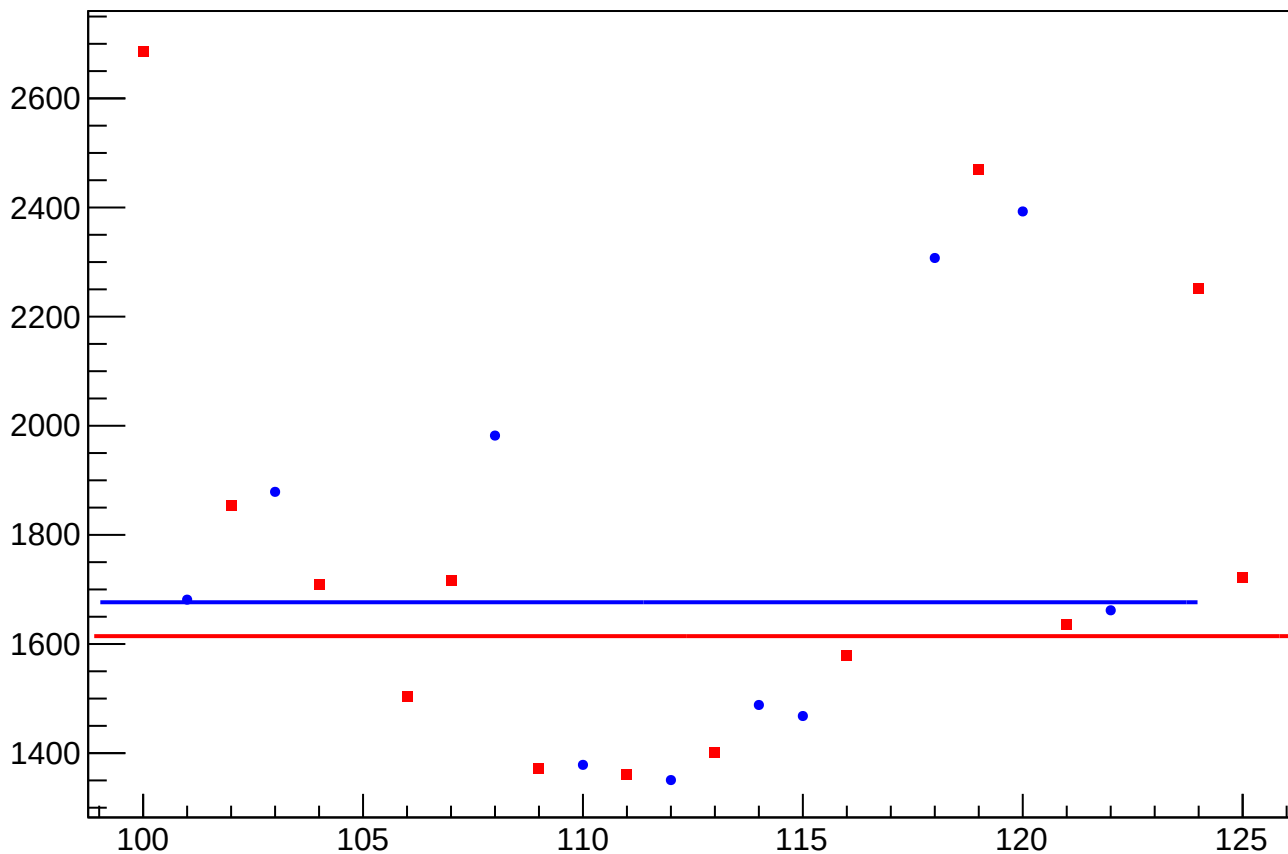
Right: -1121.747+/-554.065 χ^2/NDF : 23.6/22

In: -142.670+/-845.325 χ^2/NDF :11.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1121.747+/-554.065 χ^2/NDF : 23.6/22

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: 1614.434+/-0.519 χ^2/NDF : 308541.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

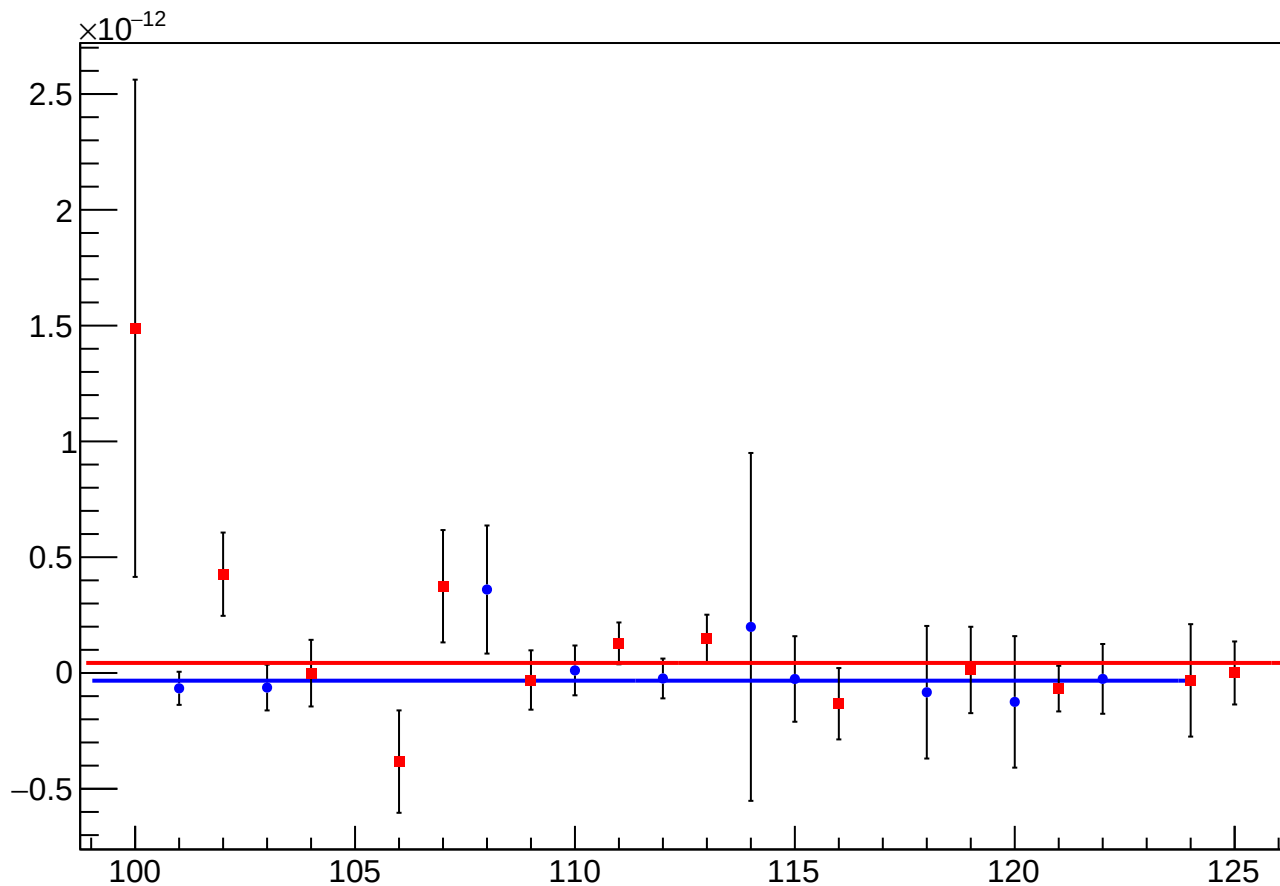
Right: 1641.109+/-0.392 χ^2/NDF : 592334.4/22

In: 1676.525+/-0.598 χ^2/NDF : 277638.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1641.109+/-0.392 χ^2/NDF : 592334.4/22

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 : 17.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

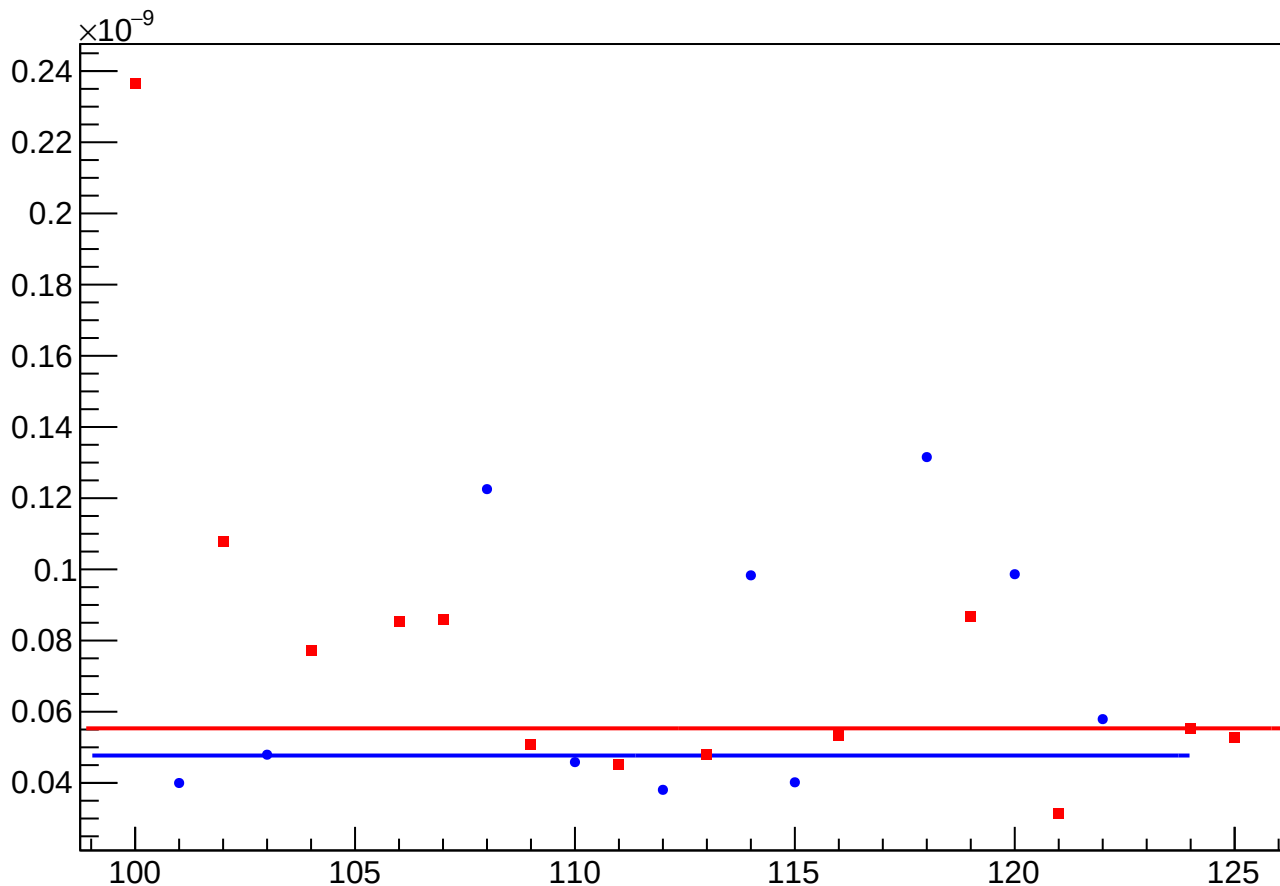
Right: 0.000+/-0.000 χ^2/NDF : 21.6/22

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 : 21.6/22

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 : 555383.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

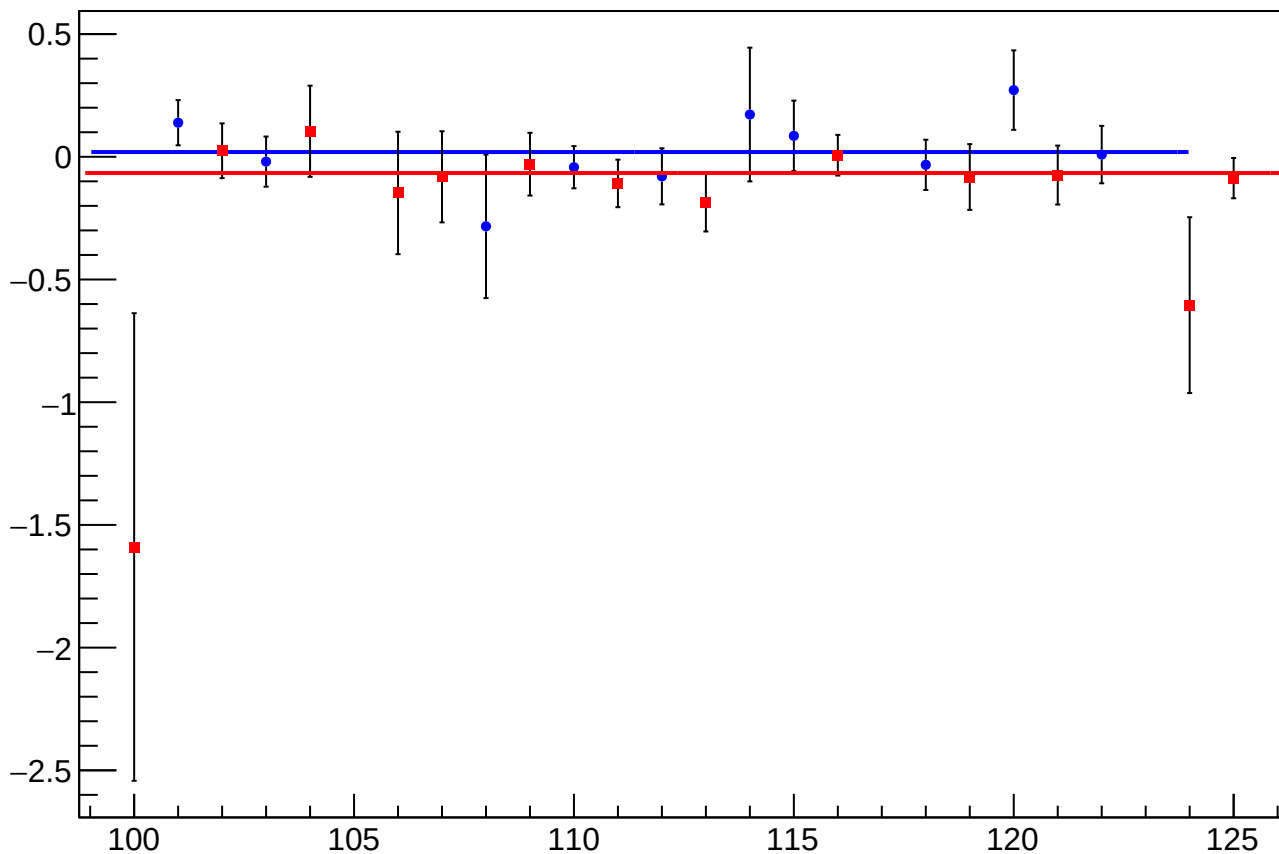
Right: 0.000+/-0.000 χ^2/NDF : 1045638.3/22

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 : 1045638.3/22

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: -0.066+/-0.035 χ^2/NDF : 8.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

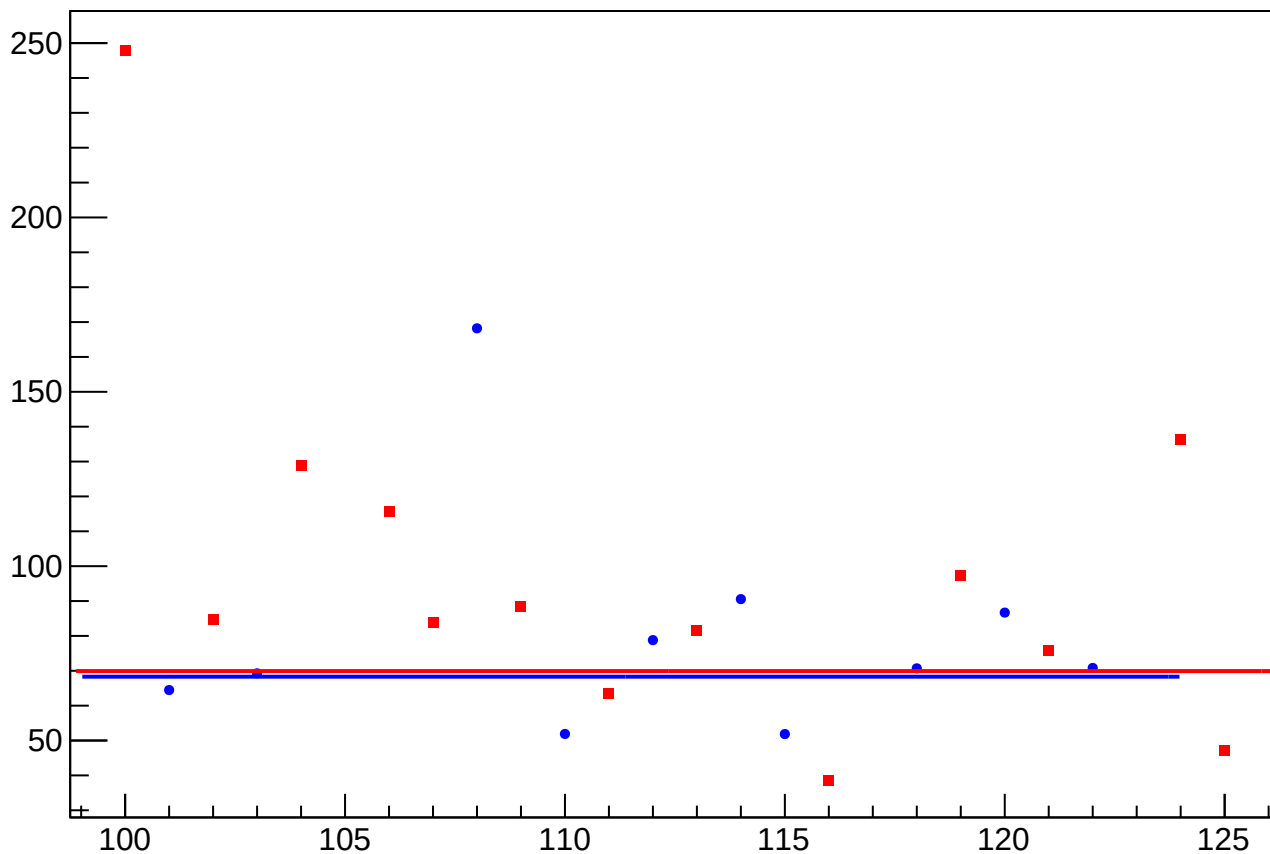
Right: -0.027+/-0.026 χ^2/NDF : 18.7/22

In: 0.019+/-0.038 χ^2/NDF : 7.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.027+/-0.026 χ^2/NDF : 18.7/22

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: 69.913+/-0.025 χ^2/NDF : 1053332.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

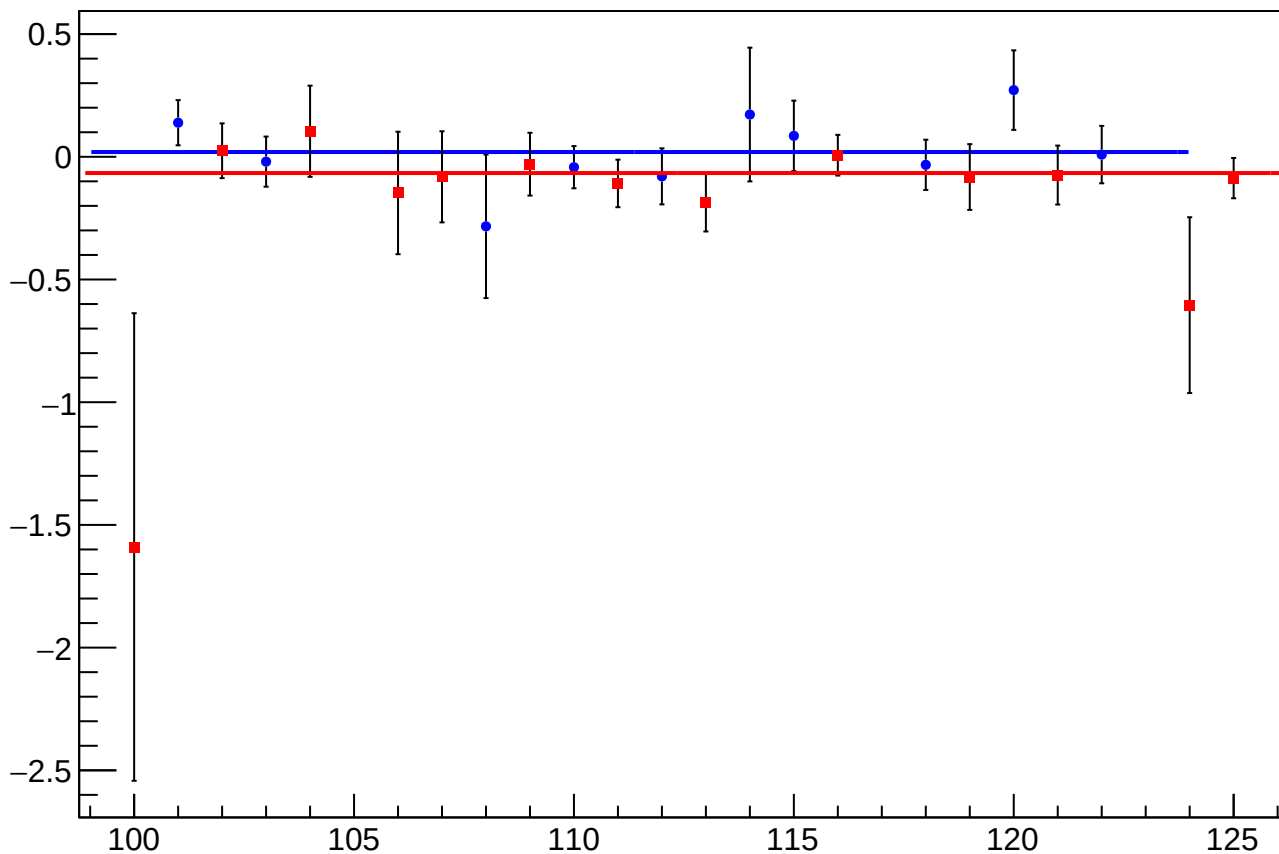
Right: 69.172+/-0.018 χ^2/NDF : 1449472.0/22

In: 68.311+/-0.027 χ^2/NDF : 394191.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.172+/-0.018 χ^2/NDF : 1449472.0/22

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: -0.066+/-0.035 χ^2/NDF : 8.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

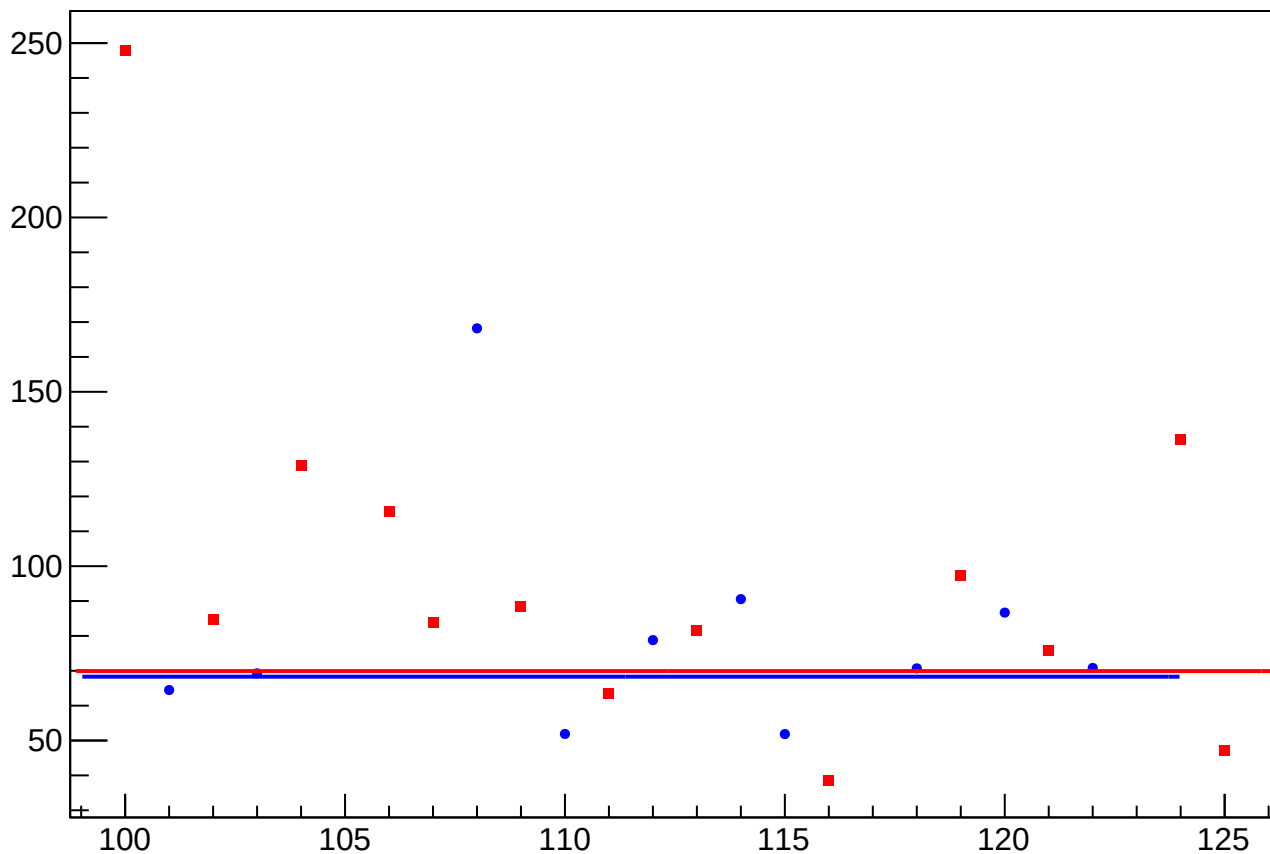
Right: -0.027+/-0.026 χ^2/NDF : 18.7/22

In: 0.019+/-0.038 χ^2/NDF : 7.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.027+/-0.026 χ^2/NDF : 18.7/22

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: 69.913+/-0.025 χ^2/NDF : 1053332.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

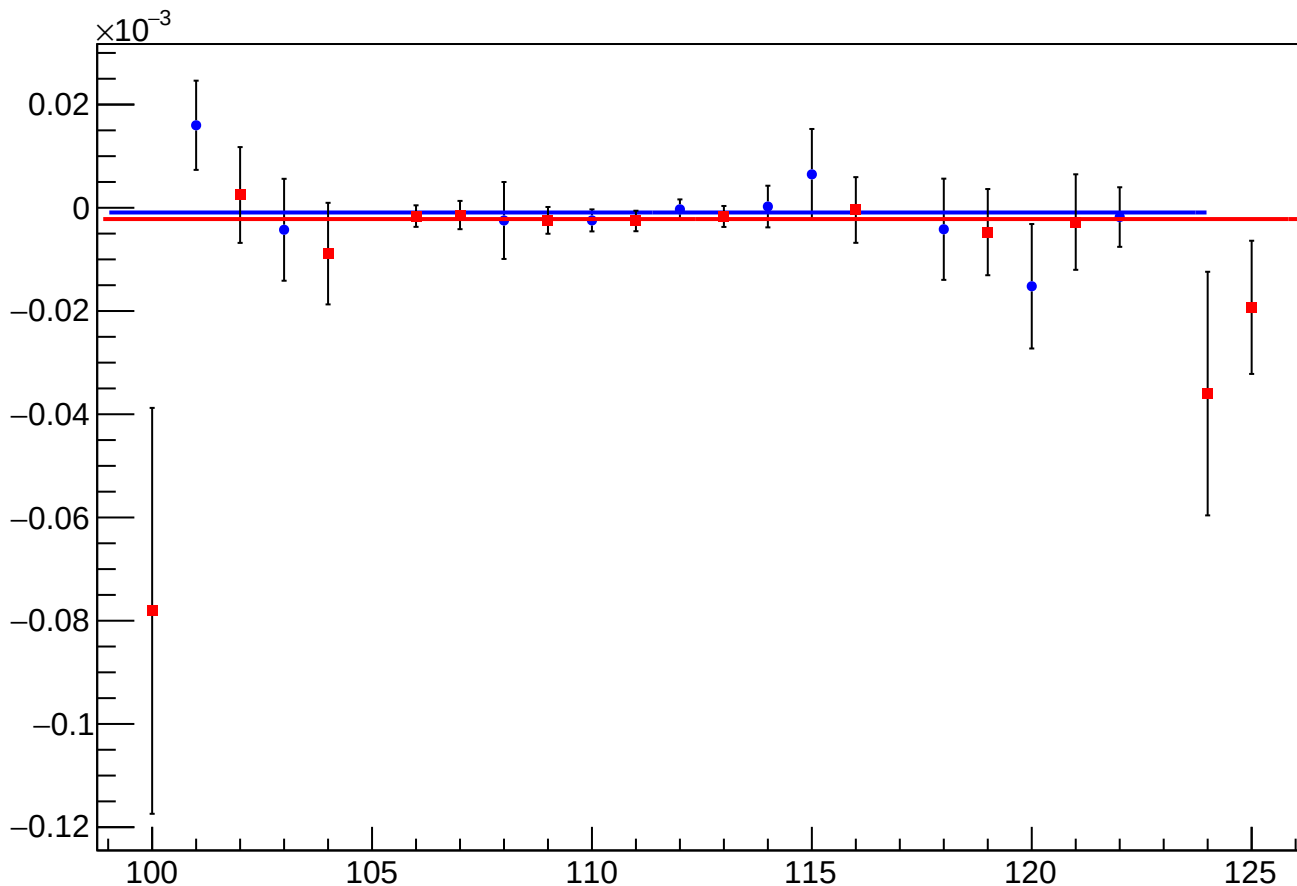
Right: 69.172+/-0.018 χ^2/NDF : 1449472.0/22

In: 68.311+/-0.027 χ^2/NDF : 394191.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.172+/-0.018 χ^2/NDF : 1449472.0/22

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: 8.7/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

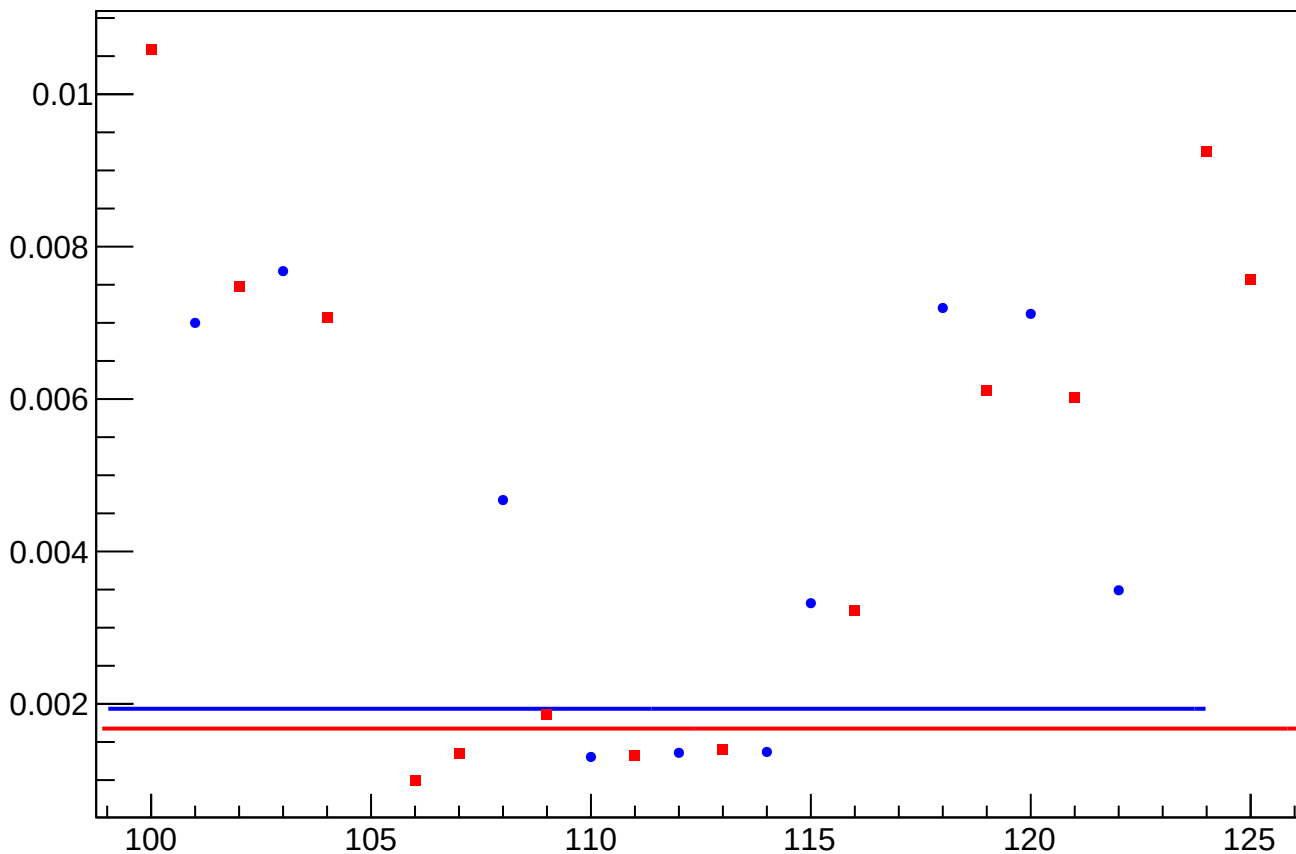
Right: -0.000+/-0.000 χ^2 /NDF: 16.3/22

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: 16.3/22

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 : 3584159.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

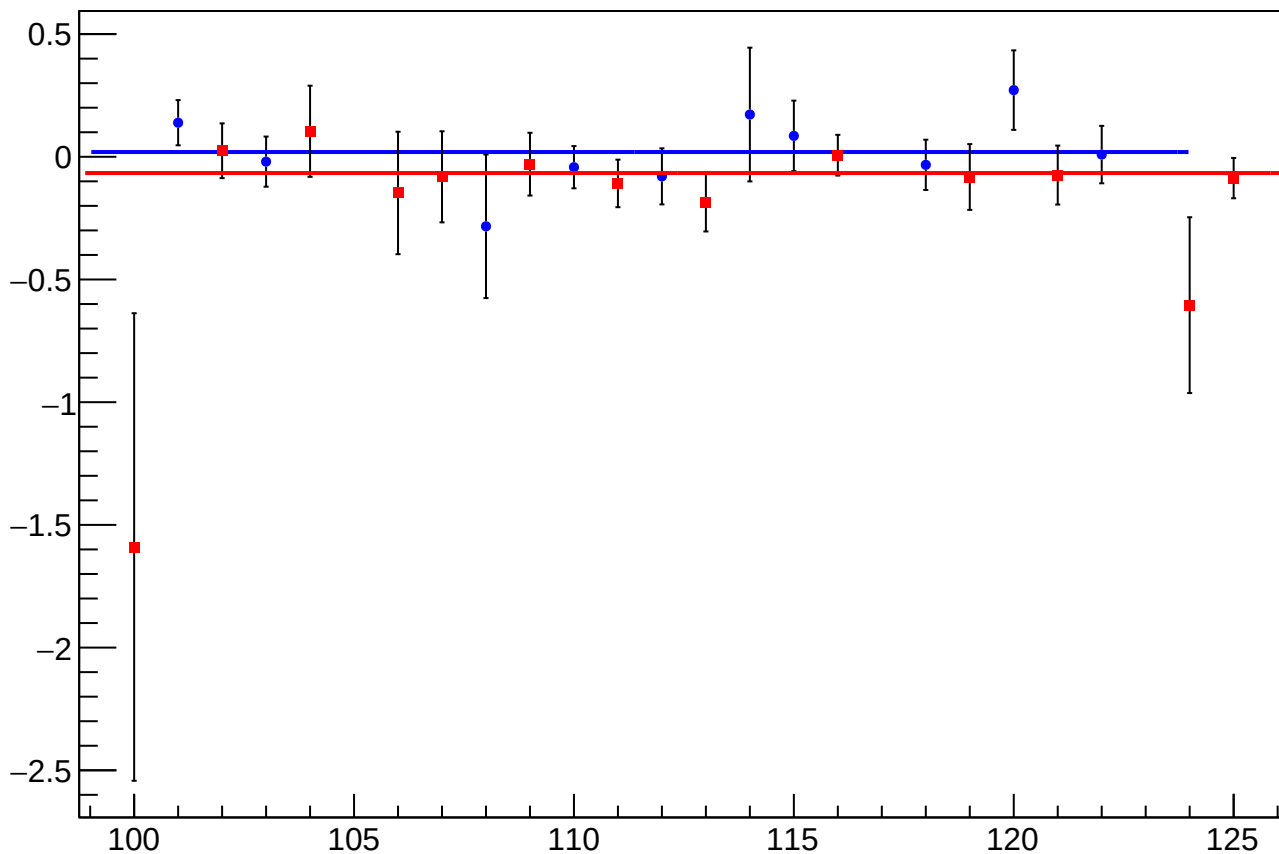
Right: 0.002+/-0.000 χ^2/NDF : 6809603.4/22

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 : 6809603.4/22

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: -0.066+/-0.035 χ^2/NDF : 8.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

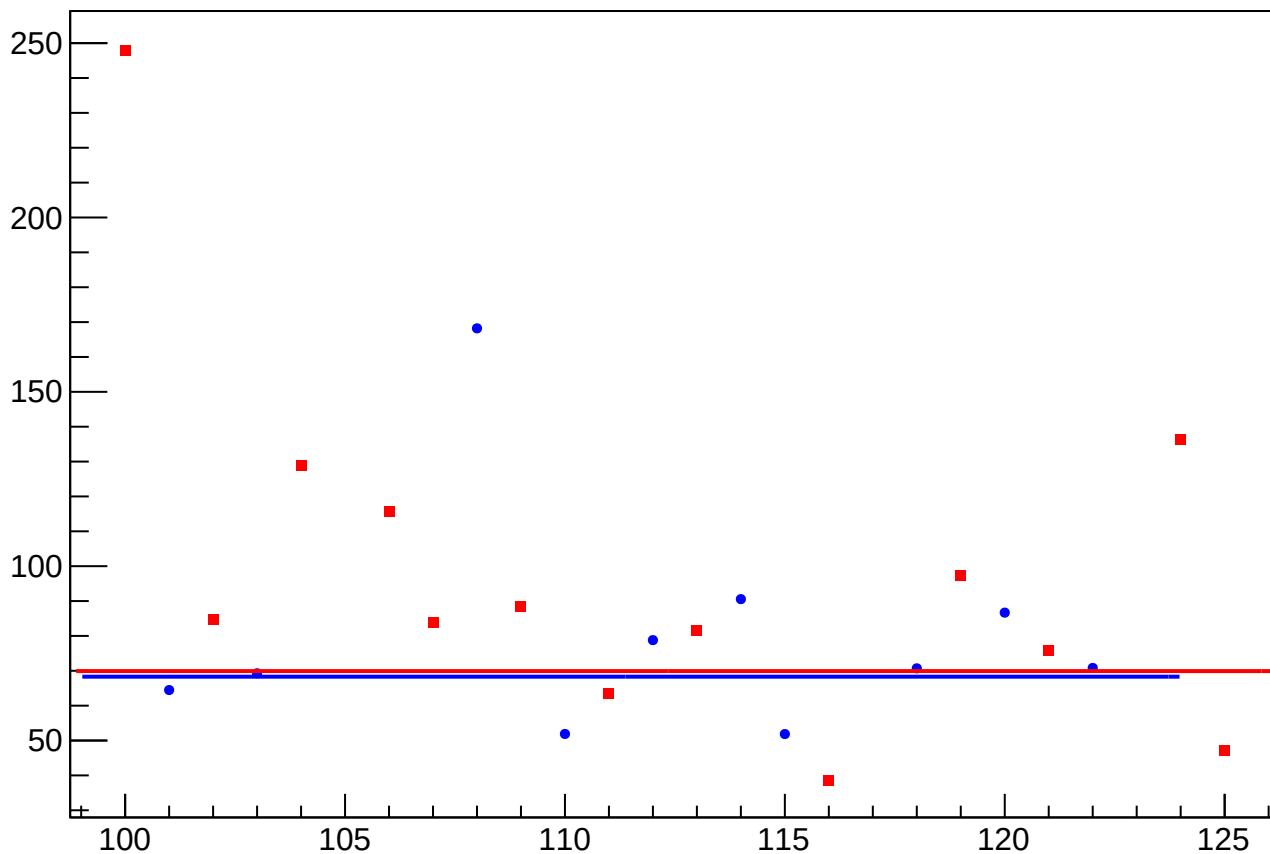
Right: -0.027+/-0.026 χ^2/NDF : 18.7/22

In: 0.019+/-0.038 χ^2/NDF : 7.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.027+/-0.026 χ^2/NDF : 18.7/22

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: 69.916+/-0.025 χ^2/NDF : 1053307.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

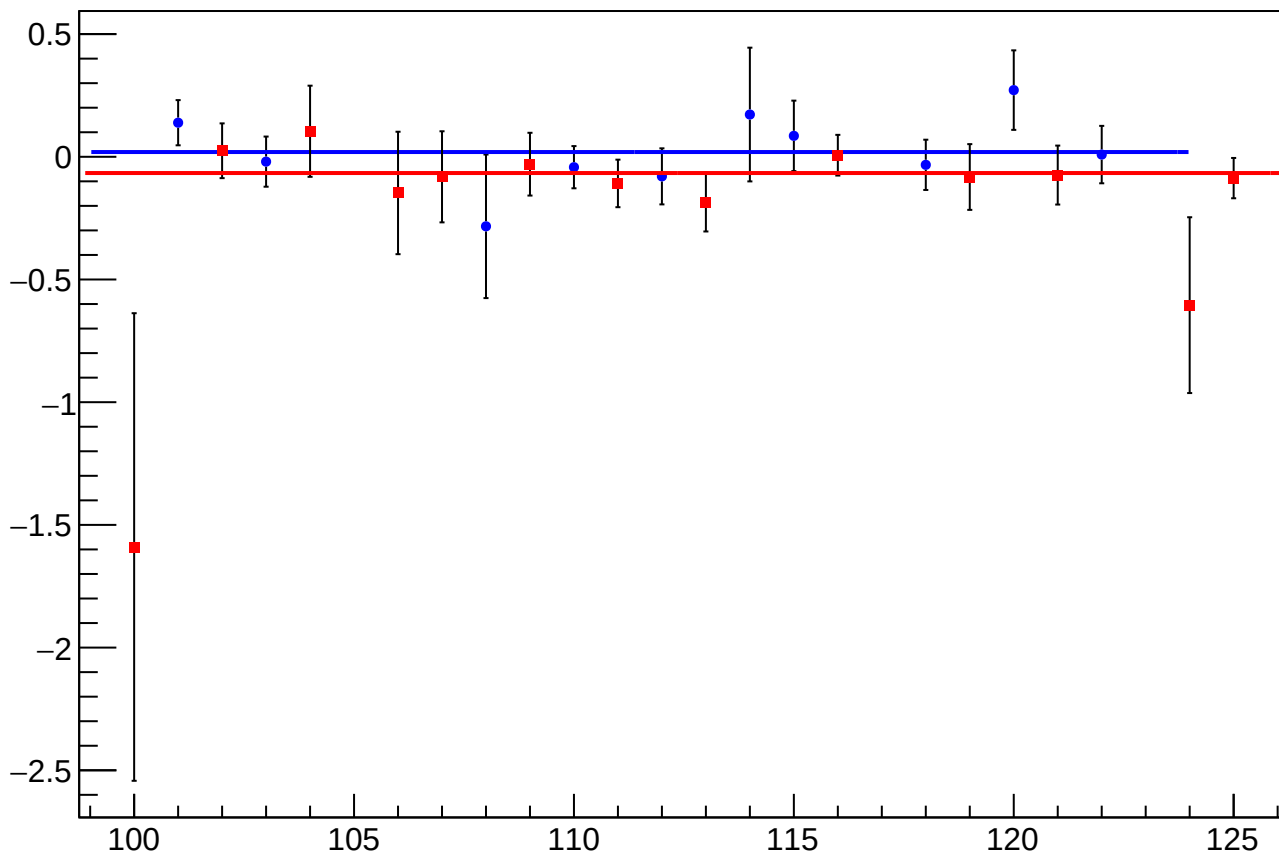
Right: 69.175+/-0.018 χ^2/NDF : 1449417.8/22

In: 68.314+/-0.027 χ^2/NDF : 394163.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.175+/-0.018 χ^2/NDF : 1449417.8/22

asym_sam3_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.038 χ^2/NDF : 7.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.066+/-0.035 χ^2/NDF : 8.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

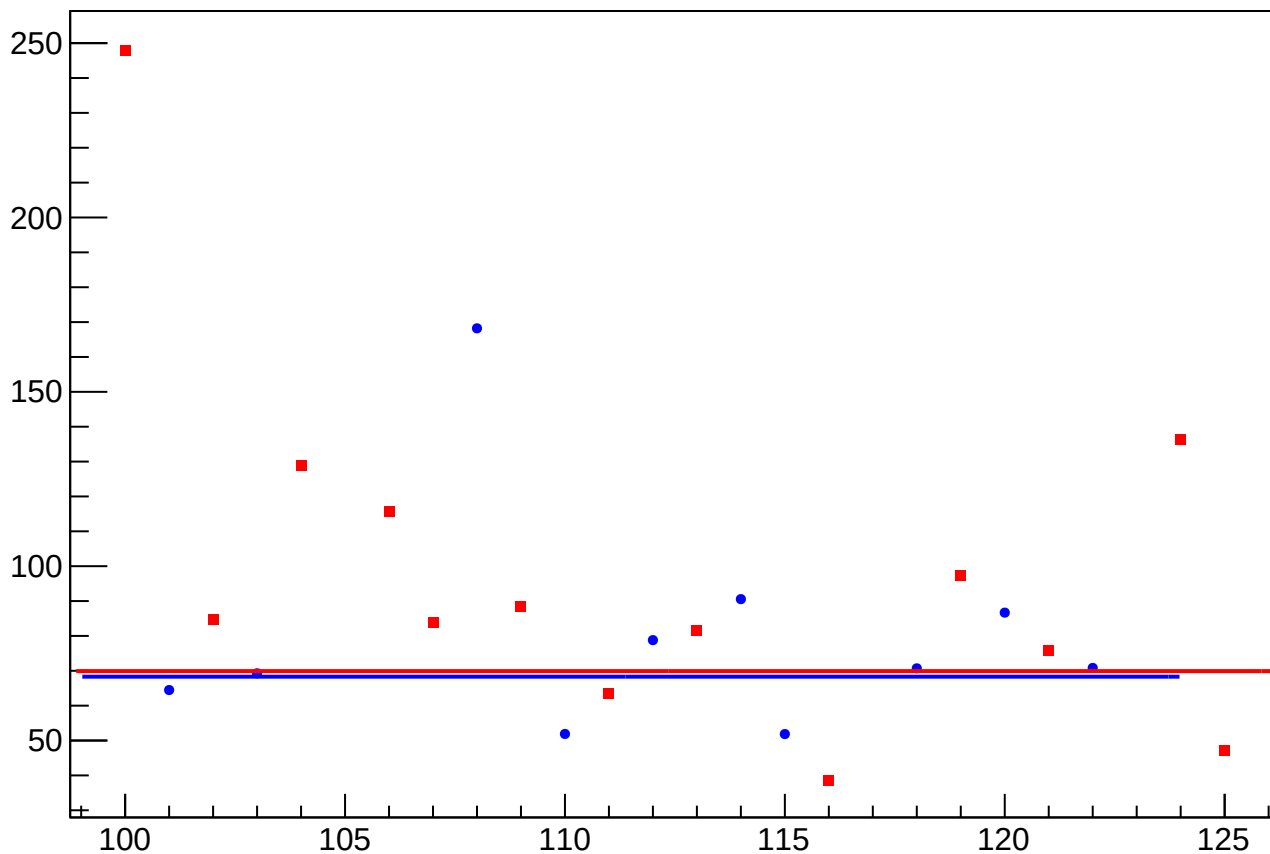
Right: -0.027+/-0.026 χ^2/NDF : 18.7/22

In: 0.019+/-0.038 χ^2/NDF : 7.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.027+/-0.026 χ^2/NDF : 18.7/22

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: 69.916+/-0.025 χ^2/NDF : 1053307.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

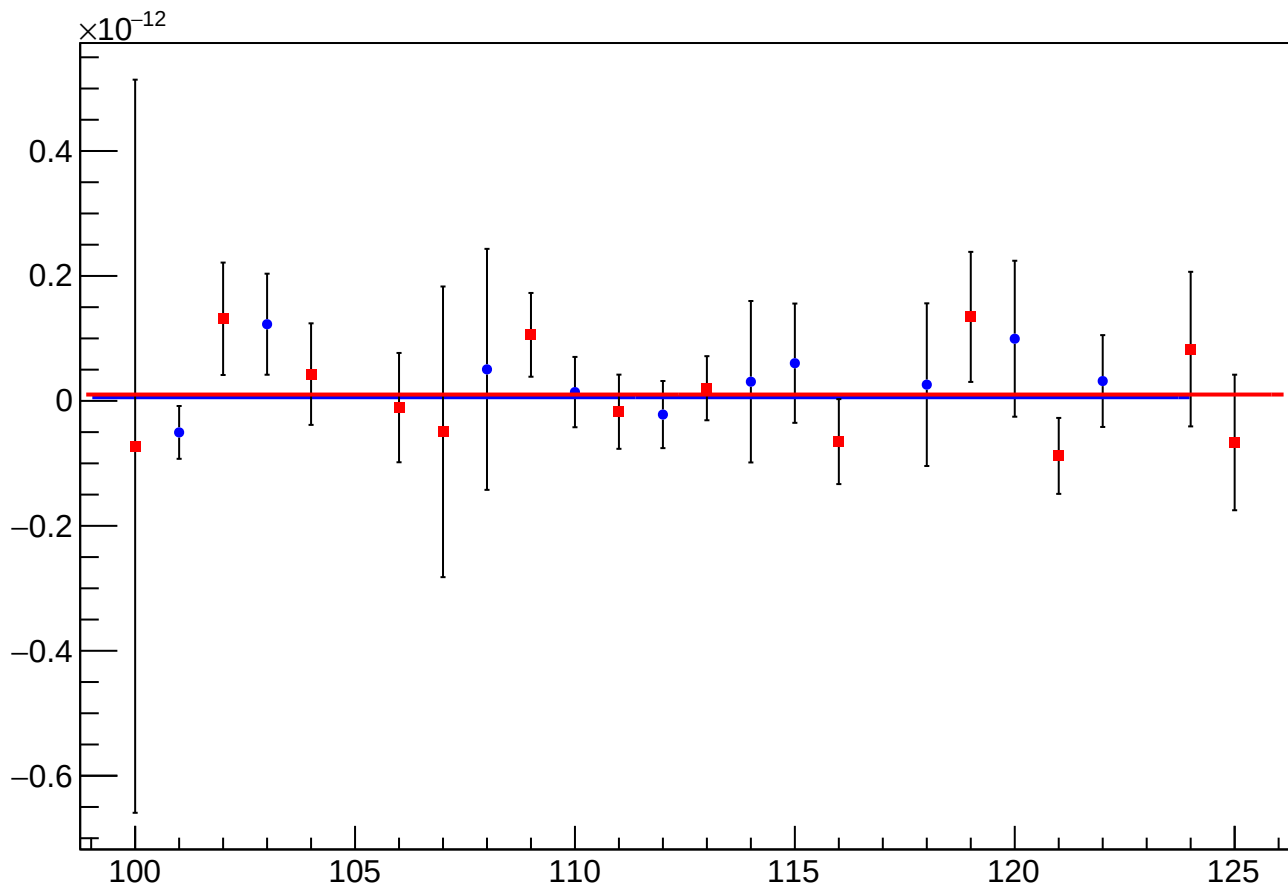
Right: 69.175+/-0.018 χ^2/NDF : 1449417.8/22

In: 68.314+/-0.027 χ^2/NDF : 394163.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.175+/-0.018 χ^2/NDF : 1449417.8/22

asym_sam3_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

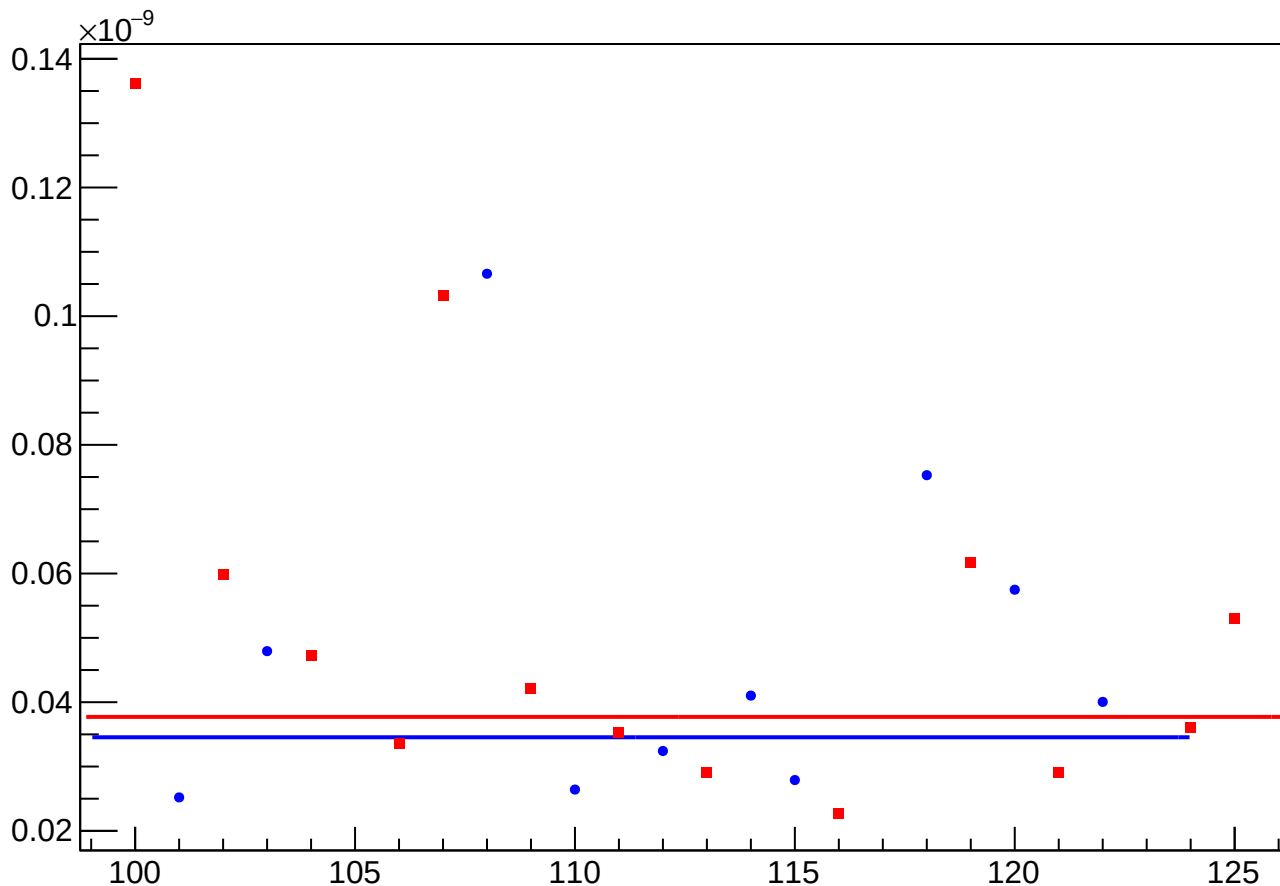
Right: 0.000+/-0.000 χ^2/NDF : 15.8/22

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 : 15.8/22

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 : 720249.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

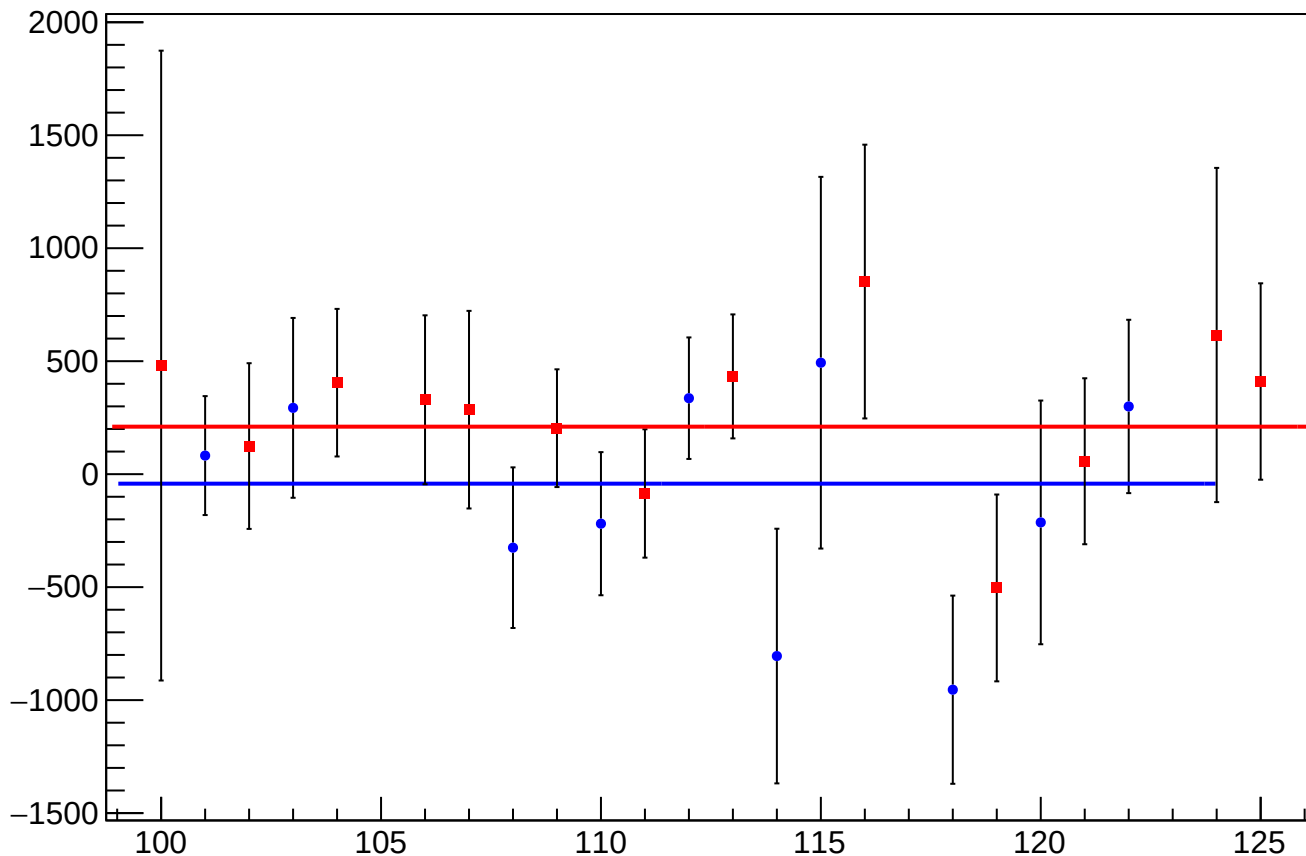
Right: 0.000+/-0.000 χ^2/NDF : 1505607.3/22

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 : 1505607.3/22

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: 210.212+/-103.562 χ^2/NDF : 7.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

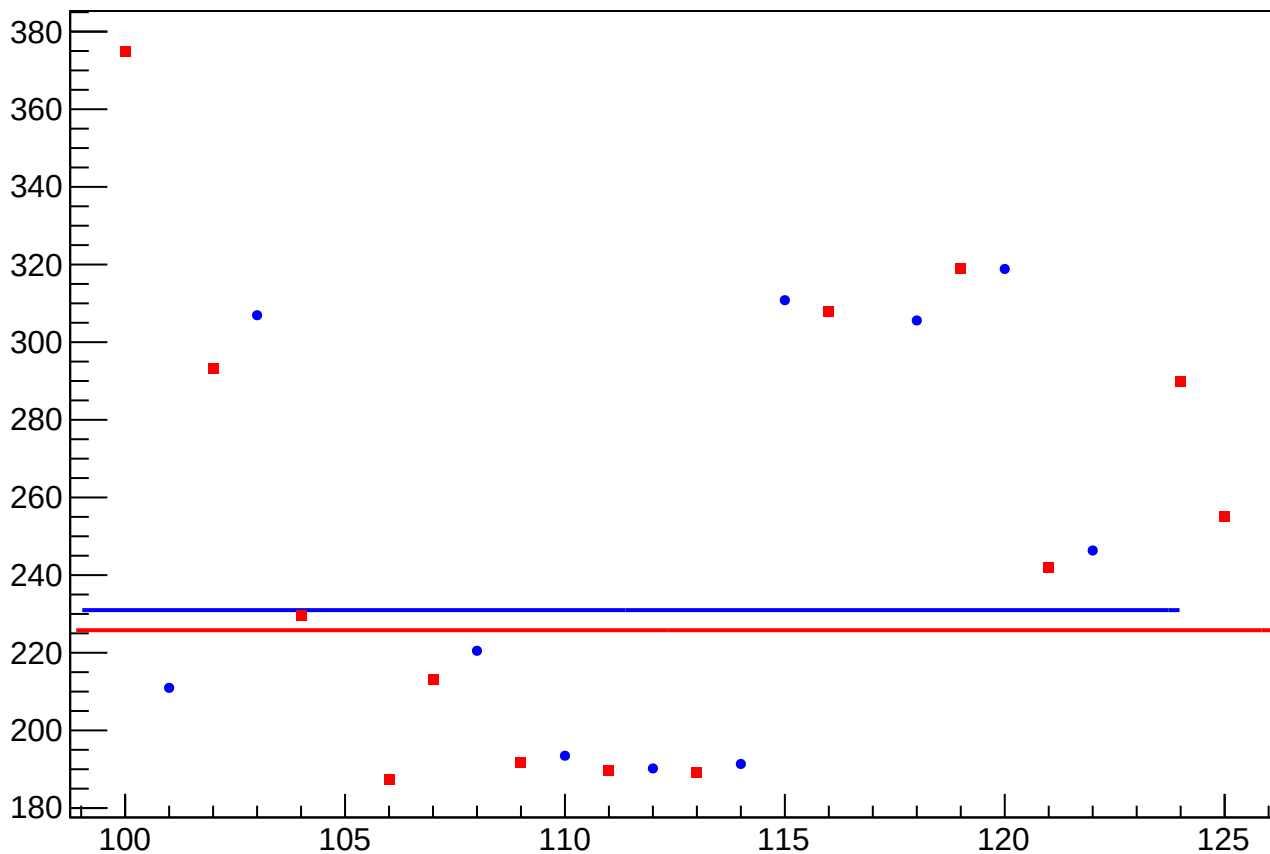
Right: 99.348+/-77.537 χ^2/NDF : 21.5/22

In: -42.069+/-116.965 χ^2/NDF : 11.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.348+/-77.537 χ^2/NDF : 21.5/22

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: 225.805+/-0.073 χ^2/NDF : 381962.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

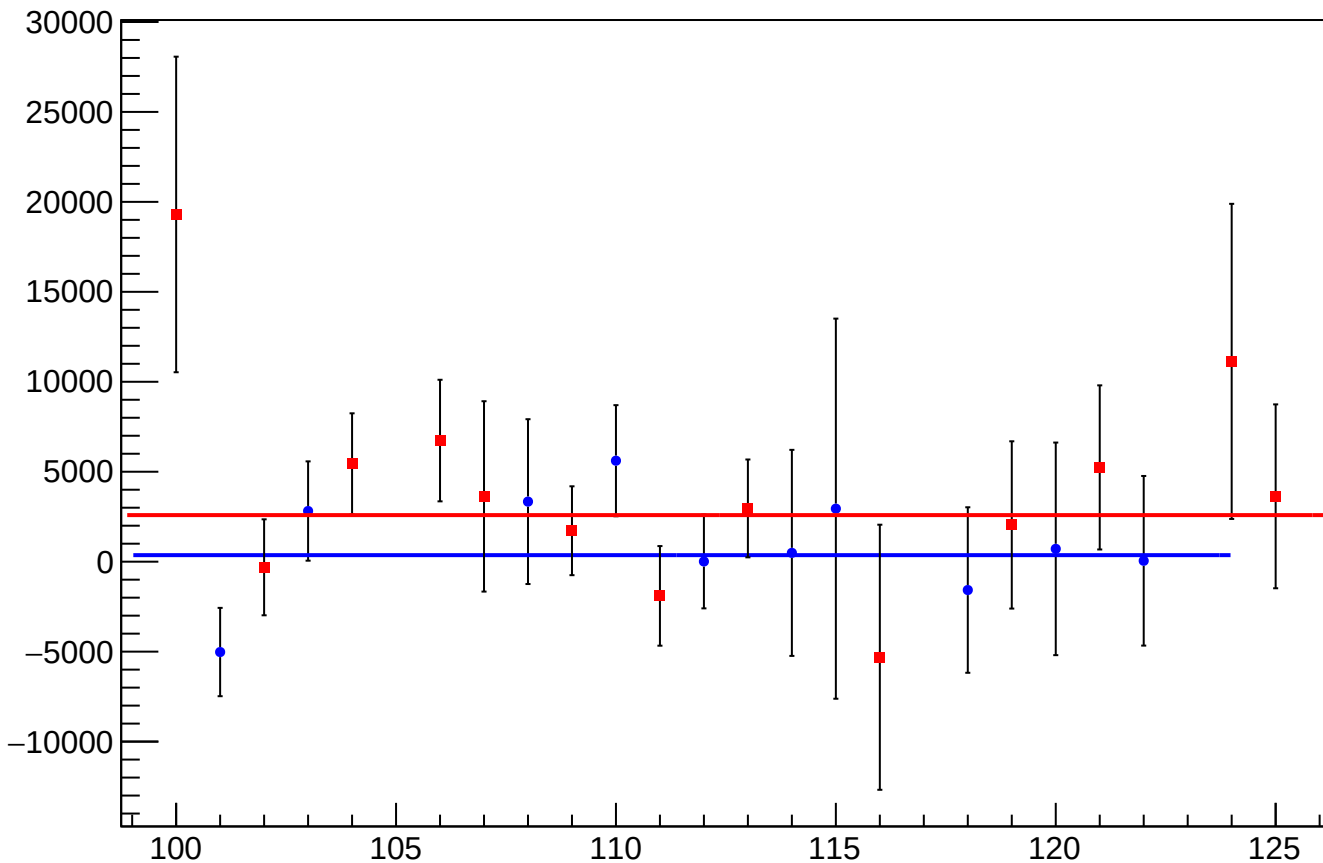
Right: 228.080+/-0.055 χ^2/NDF : 693630.3/22

In: 230.983+/-0.083 χ^2/NDF : 309470.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.080+/-0.055 χ^2/NDF : 693630.3/22

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: 2588.867+/-1001.406 χ^2/NDF : 12.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

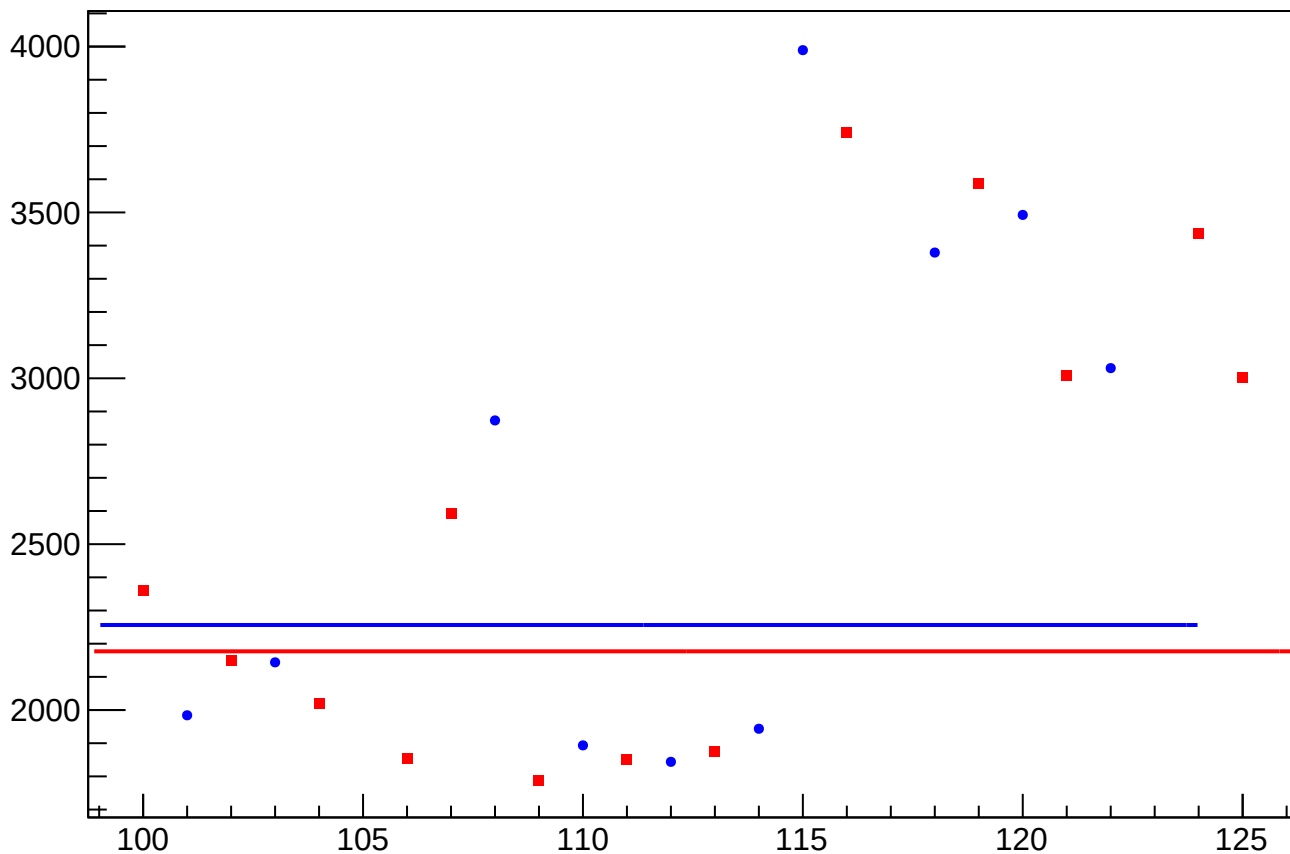
Right: 1628.220+/-754.979 χ^2/NDF : 24.0/22

In: 363.118+/-1149.188 χ^2/NDF : 9.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1628.220+/-754.979 χ^2/NDF : 24.0/22

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: 2176.964+/-0.708 χ^2/NDF : 574382.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

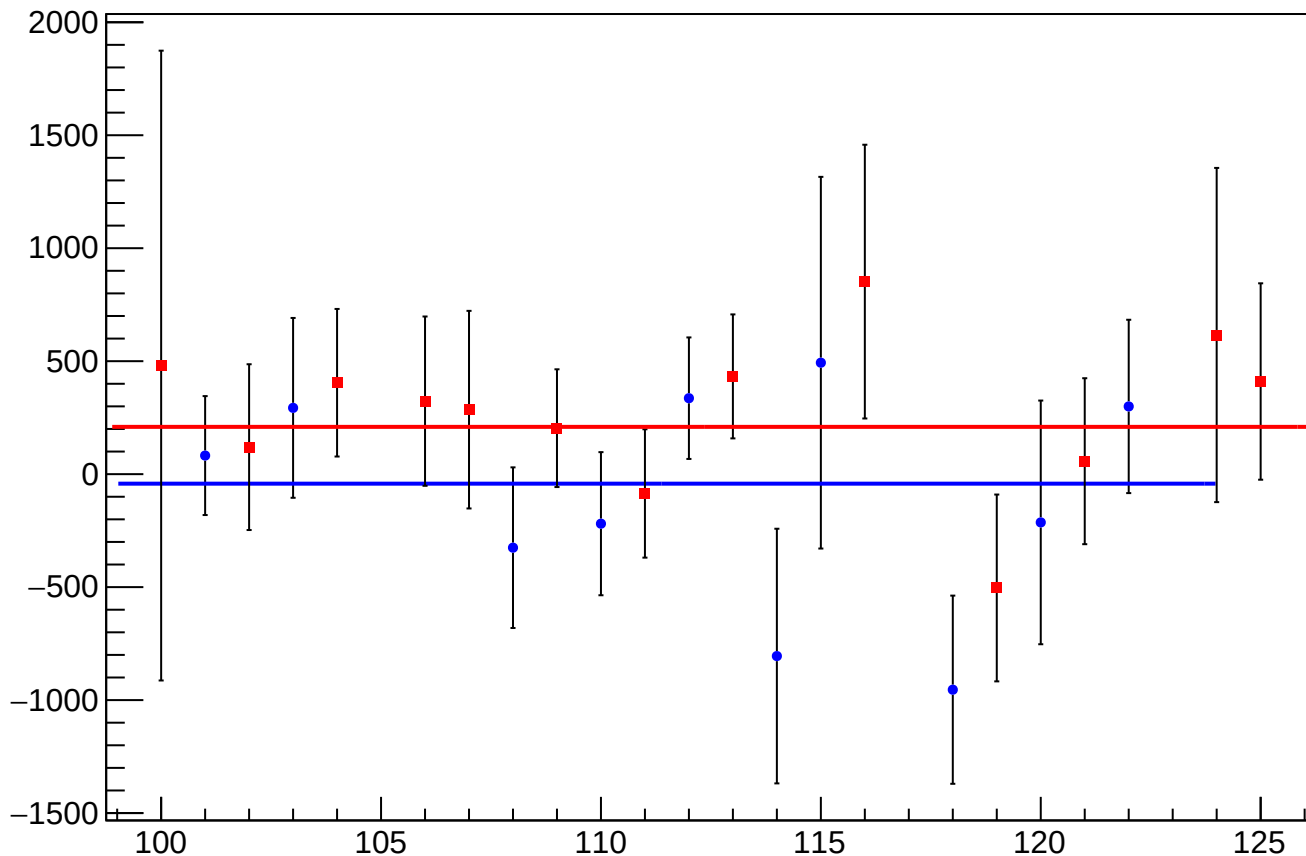
Right: 2211.233+/-0.534 χ^2/NDF : 1042048.6/22

In: 2256.363+/-0.813 χ^2/NDF :462239.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2211.233+/-0.534 χ^2/NDF : 1042048.6/22

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: 209.291 ± 103.585 χ^2/NDF : 7.1/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

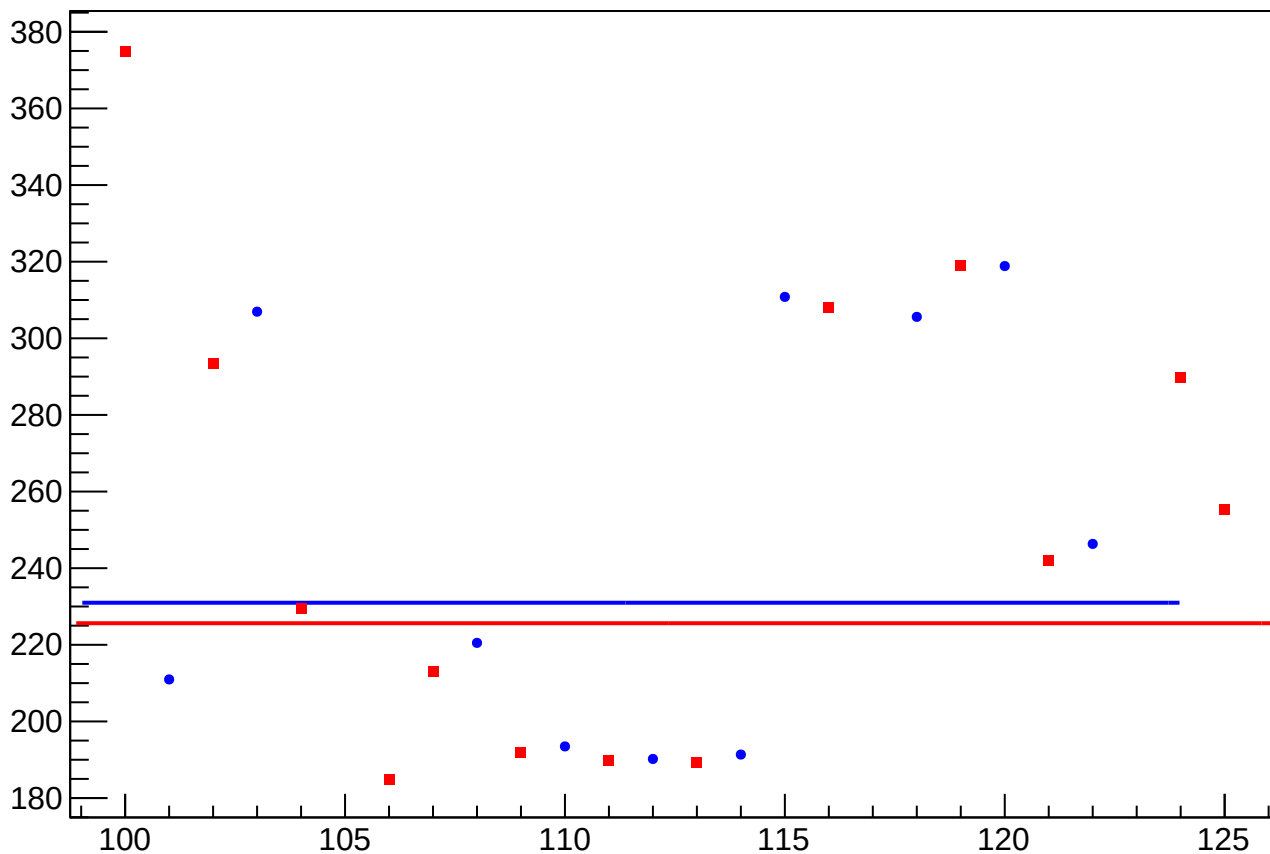
Right: 98.788 ± 77.547 χ^2/NDF : 21.5/22

In: -42.108 ± 116.965 χ^2/NDF : 11.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 98.788 ± 77.547 χ^2/NDF : 21.5/22

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: 225.632+/-0.073 χ^2/NDF : 384907.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

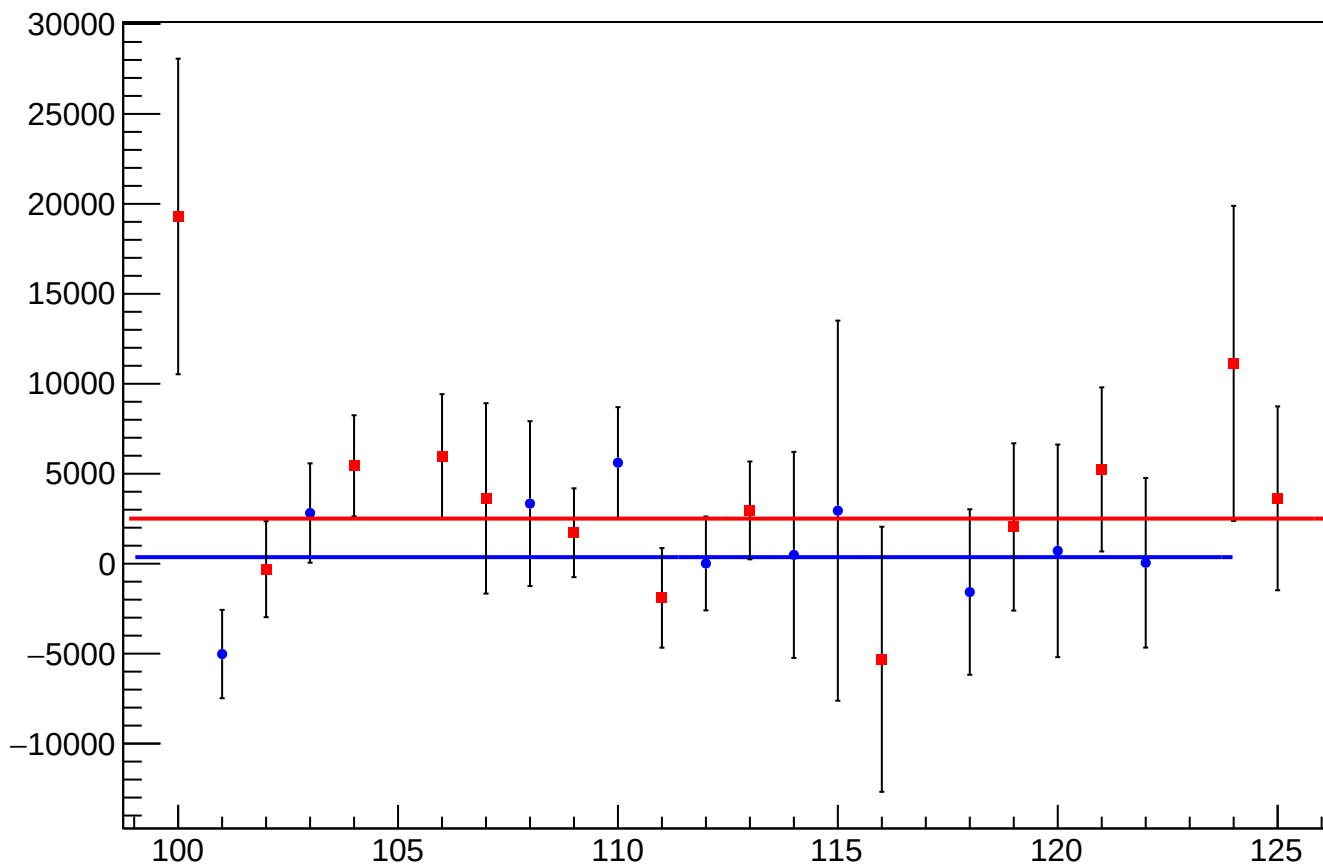
Right: 227.984+/-0.055 χ^2/NDF : 696726.2/22

In: 230.983+/-0.083 χ^2/NDF : 309473.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.984+/-0.055 χ^2/NDF : 696726.2/22

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: 2506.279+/-1003.784 χ^2/NDF : 12.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

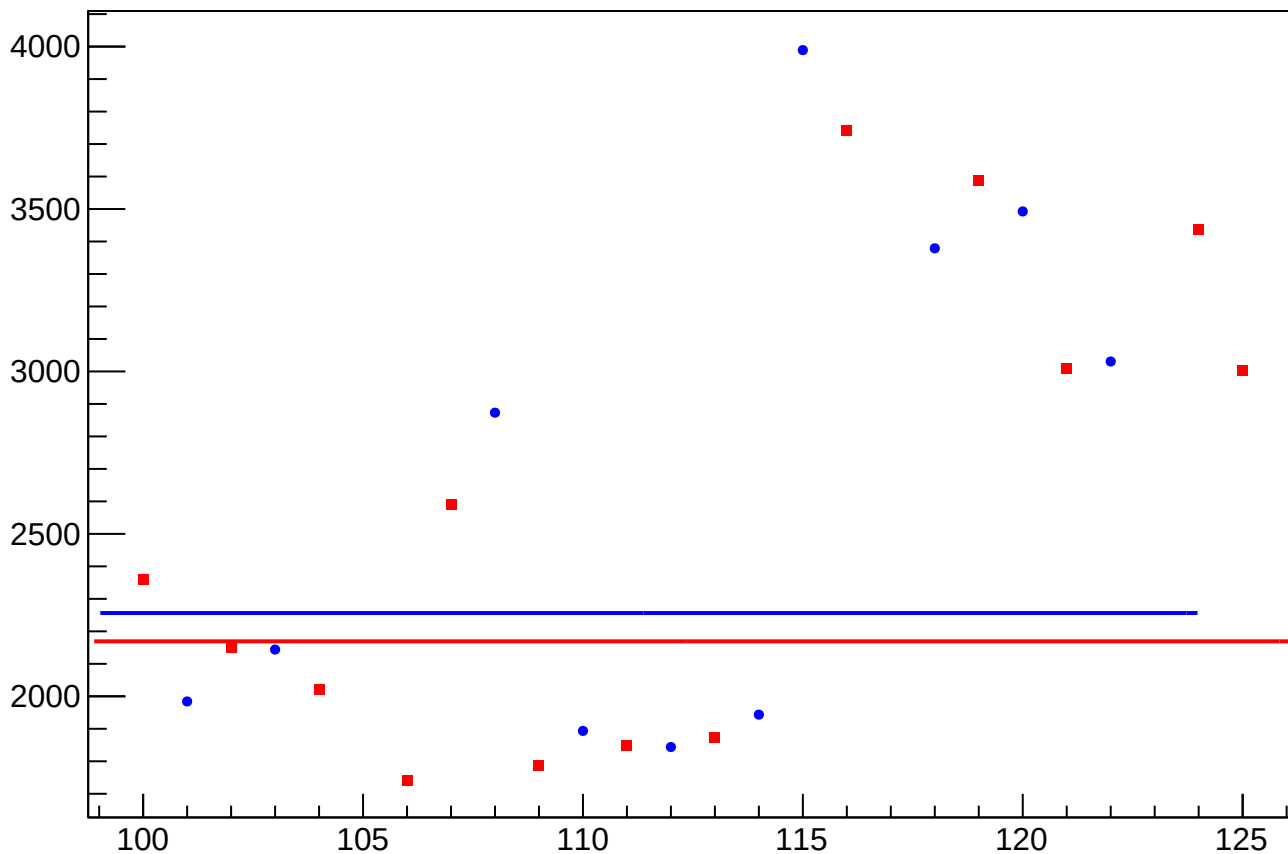
Right: 1578.690+/-756.001 χ^2/NDF : 23.2/22

In: 362.871+/-1149.203 χ^2/NDF : 9.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1578.690+/-756.001 χ^2/NDF : 23.2/22

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: 2169.254+/-0.710 χ^2/NDF : 587334.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

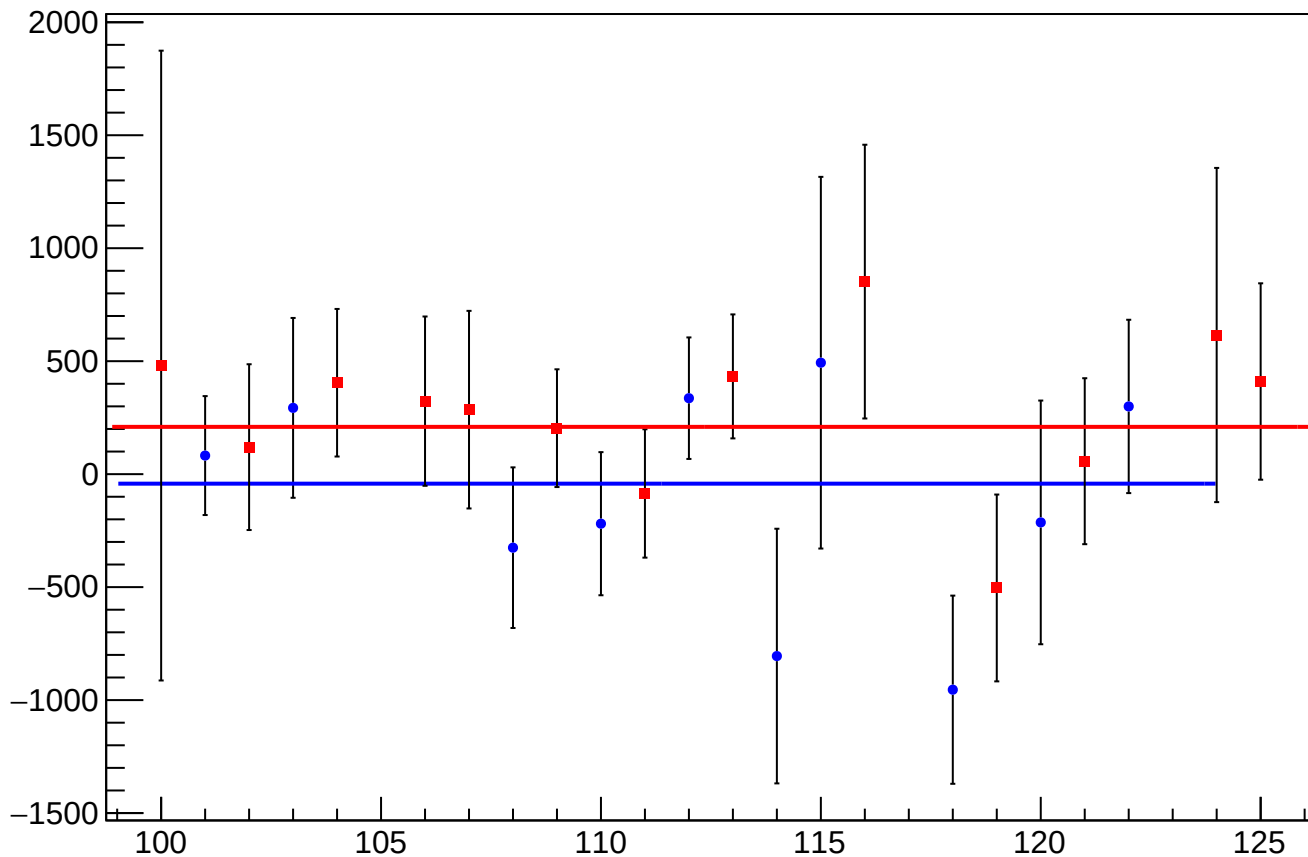
Right: 2206.965+/-0.535 χ^2/NDF : 1056085.3/22

In: 2256.394+/-0.813 χ^2/NDF : 462228.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2206.965+/-0.535 χ^2/NDF : 1056085.3/22

eigen_cor_asym_sam4_mean vs Slug, Sign Corrected



Right In: -42.108 $\pm$ 116.965 χ^2 /NDF: 11.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 209.291 $\pm$ 103.585 χ^2 /NDF: 7.1/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

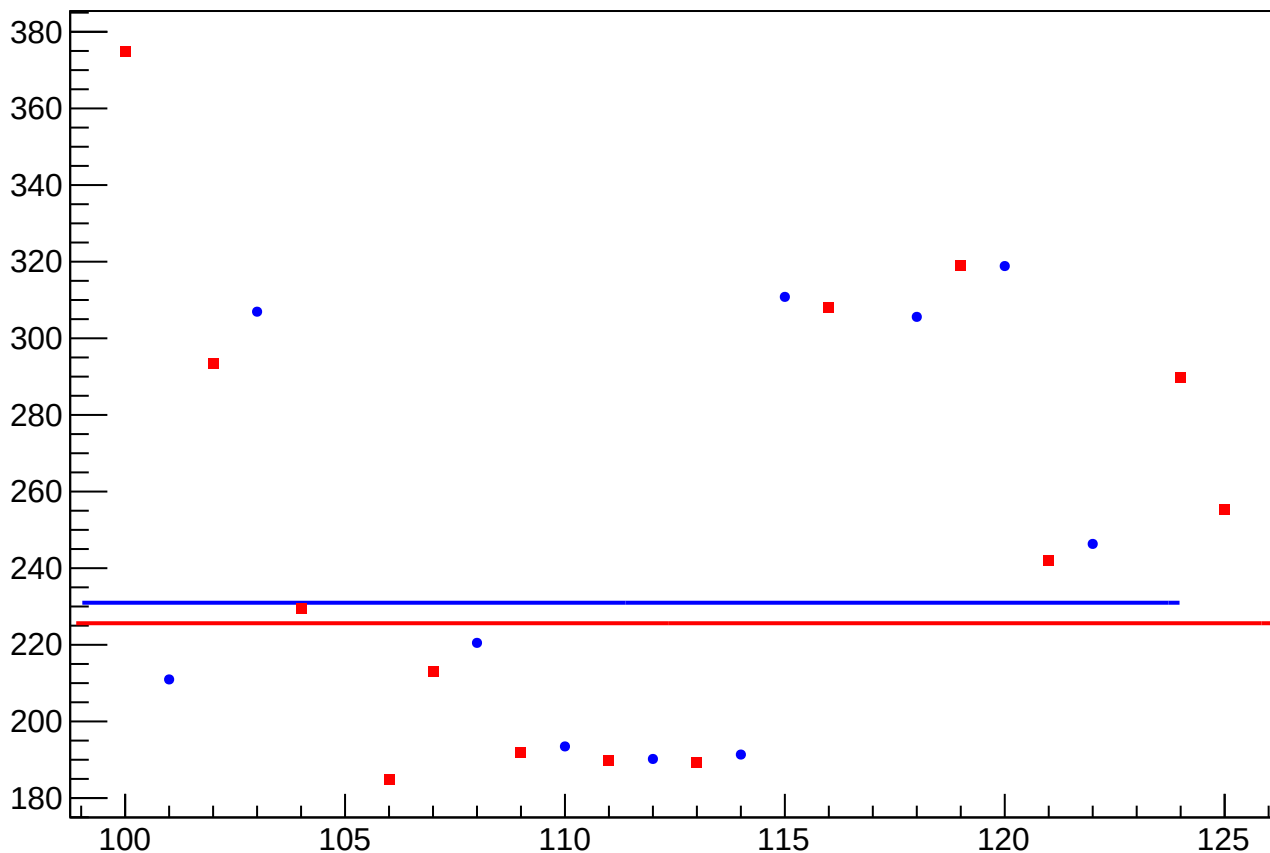
Right: 98.788 $\pm$ 77.547 χ^2 /NDF: 21.5/22

In: -42.108 $\pm$ 116.965 χ^2 /NDF:11.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 98.788 $\pm$ 77.547 χ^2 /NDF: 21.5/22

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: 225.632+/-0.073 χ^2/NDF : 384907.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

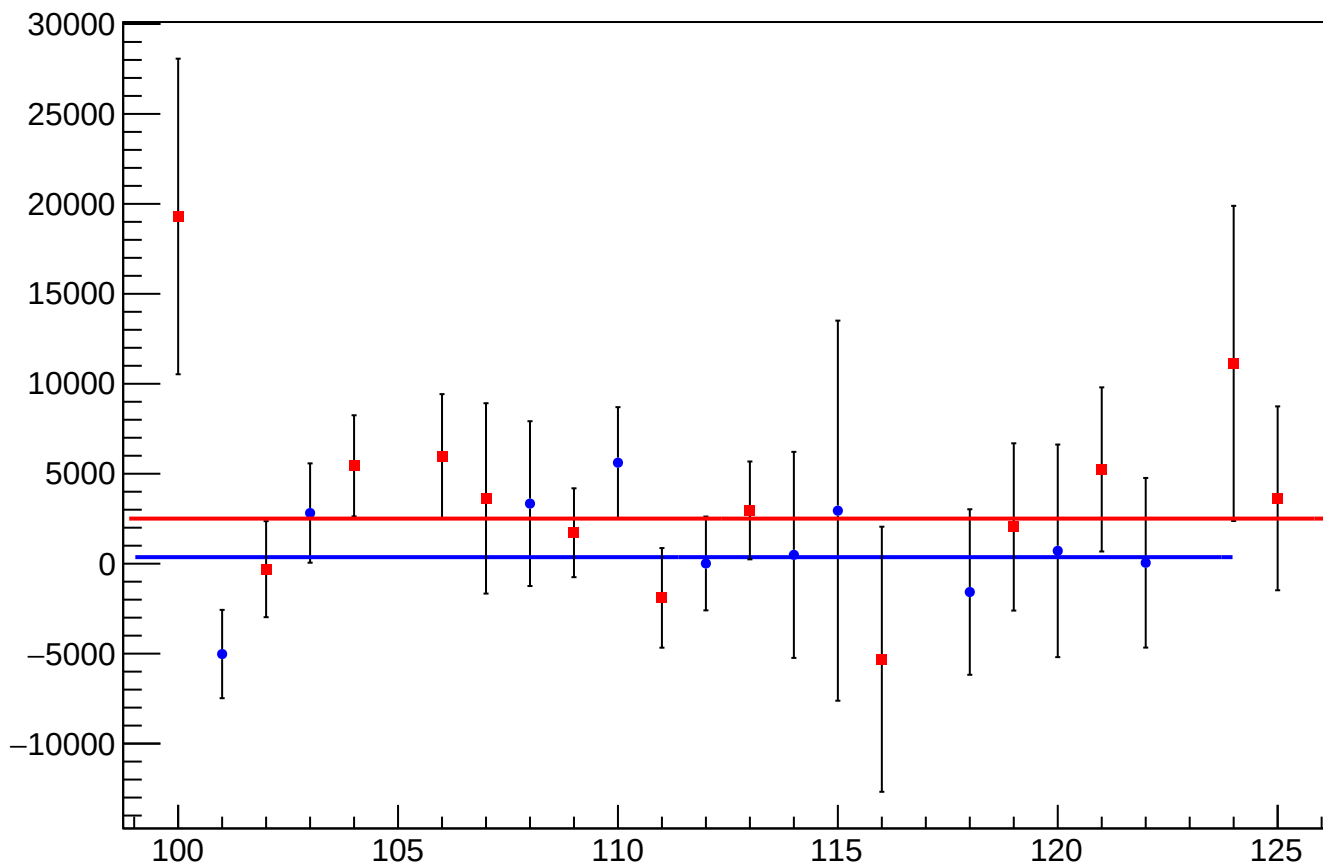
Right: 227.984+/-0.055 χ^2/NDF : 696726.2/22

In: 230.983+/-0.083 χ^2/NDF : 309473.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.984+/-0.055 χ^2/NDF : 696726.2/22

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: 2506.279+/-1003.784 χ^2/NDF : 12.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

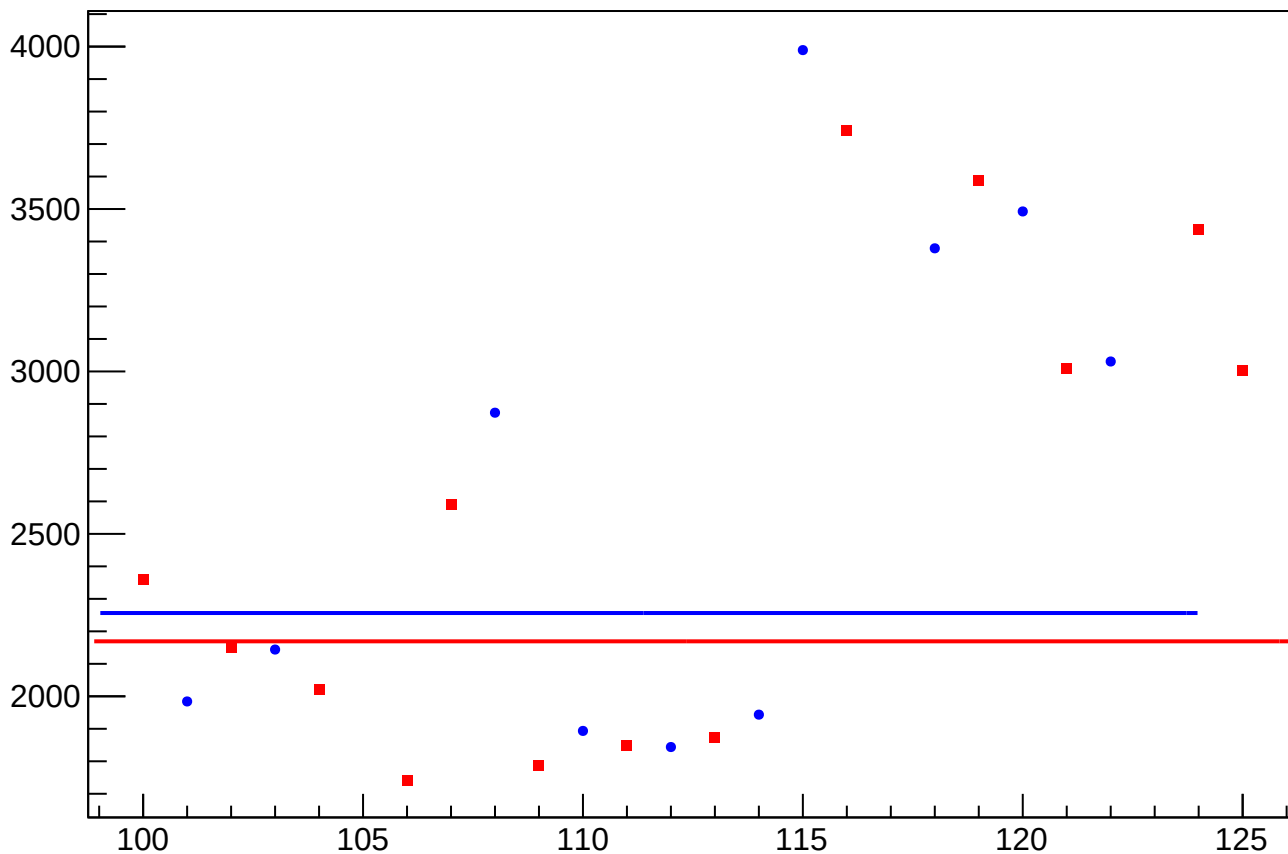
Right: 1578.690+/-756.001 χ^2/NDF : 23.2/22

In: 362.871+/-1149.203 χ^2/NDF : 9.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1578.690+/-756.001 χ^2/NDF : 23.2/22

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: 2169.254+/-0.710 χ^2/NDF : 587334.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

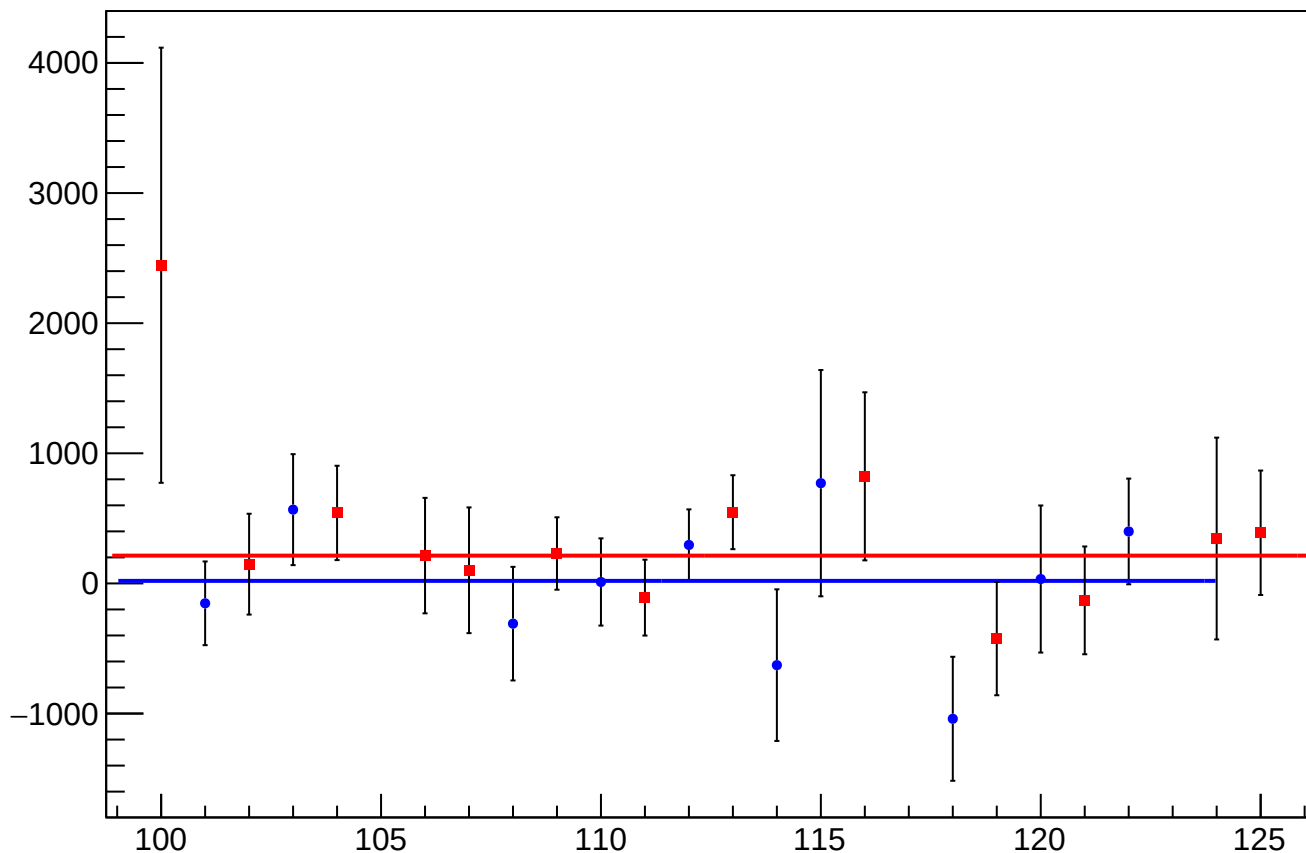
Right: 2206.965+/-0.535 χ^2/NDF : 1056085.3/22

In: 2256.394+/-0.813 χ^2/NDF : 462228.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2206.965+/-0.535 χ^2/NDF : 1056085.3/22

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: 213.638+/-111.389 χ^2/NDF : 9.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

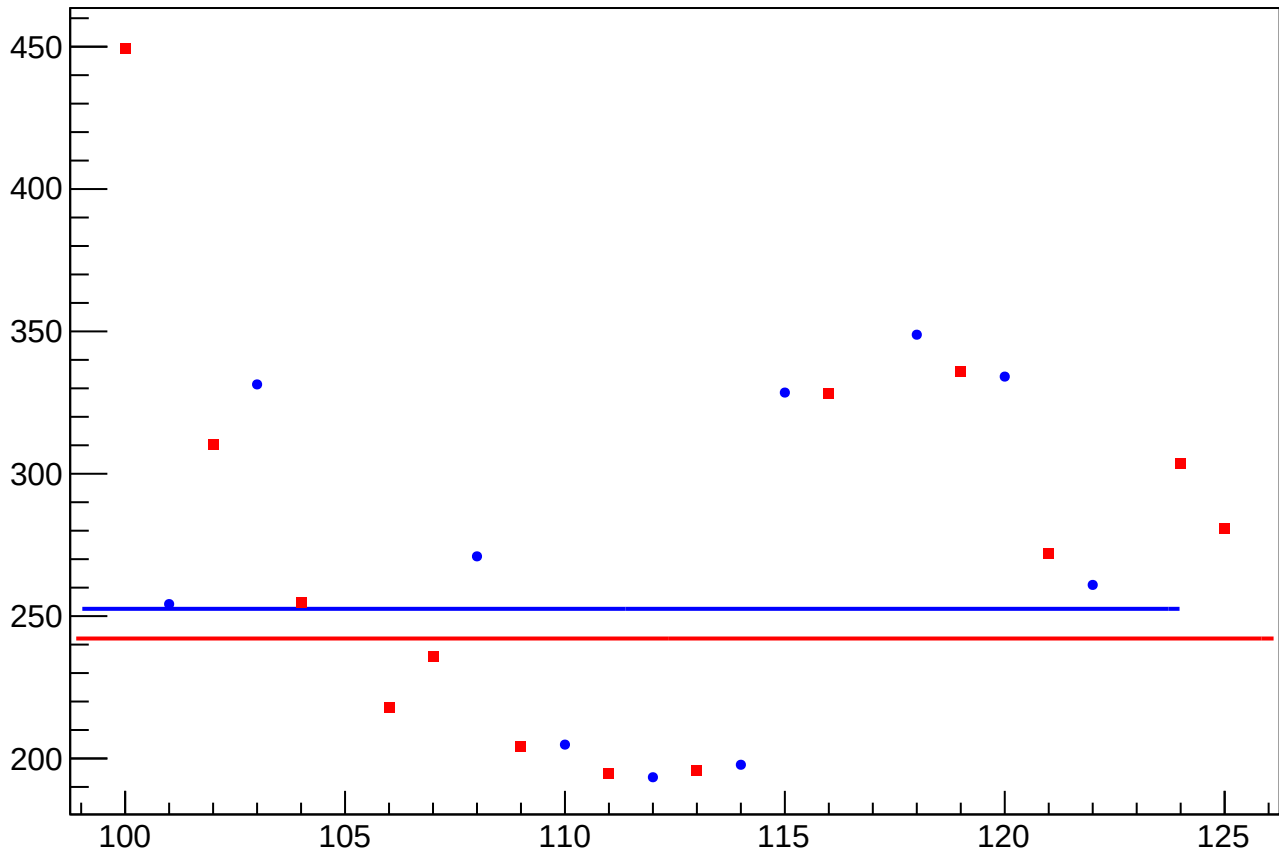
Right: 130.389+/-84.171 χ^2/NDF : 21.8/22

In: 19.585+/-128.508 χ^2/NDF : 11.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.389+/-84.171 χ^2/NDF : 21.8/22

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 252.558 $\pm$ 0.091 χ^2 /NDF: 363152.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 242.133 $\pm$ 0.079 χ^2 /NDF: 409075.7/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

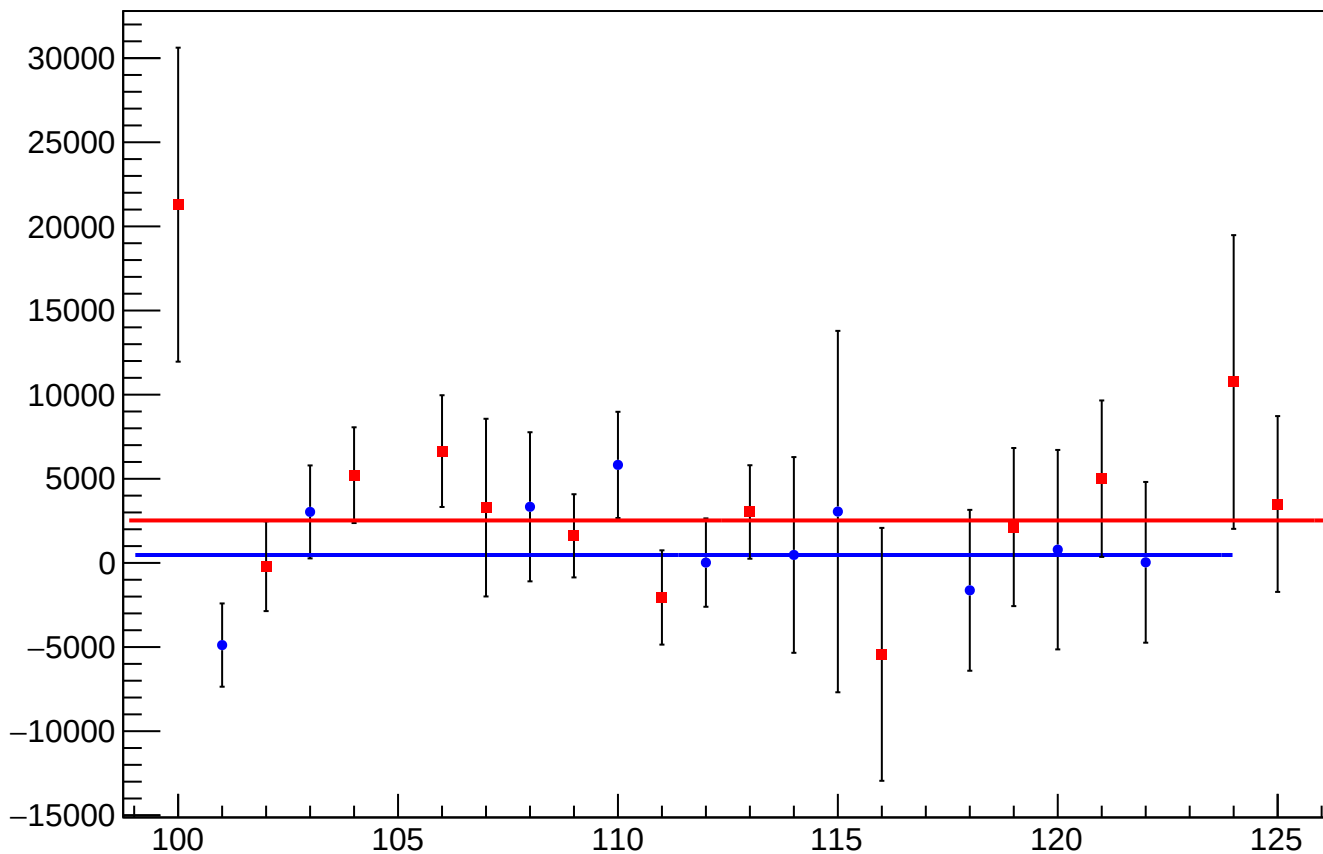
Right: 246.605 $\pm$ 0.060 χ^2 /NDF: 779743.2/22

In: 252.558 $\pm$ 0.091 χ^2 /NDF:363152.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 246.605 $\pm$ 0.060 χ^2 /NDF: 779743.2/22

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: 2524.153+/-1009.285 χ^2/NDF : 12.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

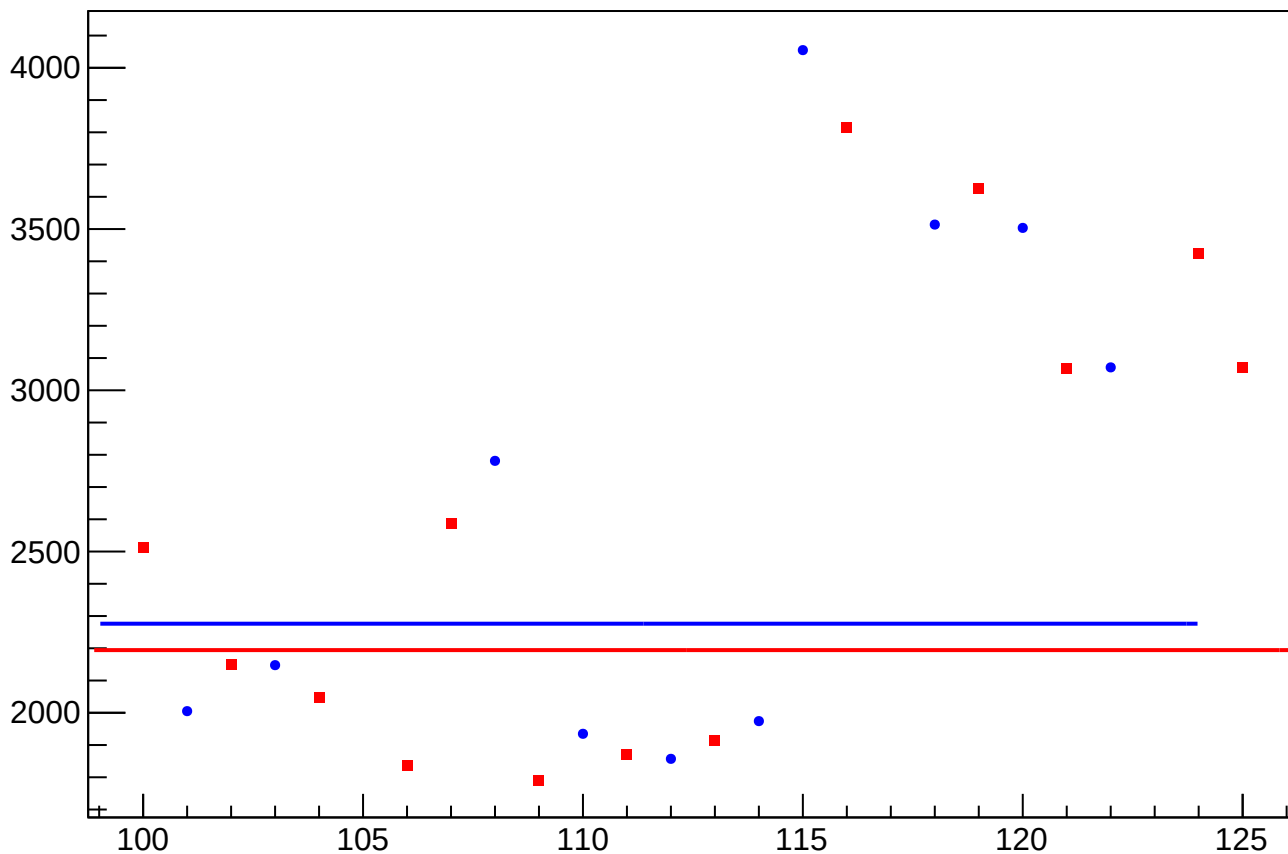
Right: 1638.411+/-761.028 χ^2/NDF : 23.6/22

In: 471.178+/-1158.614 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1638.411+/-761.028 χ^2/NDF : 23.6/22

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: 2194.334+/-0.714 χ^2/NDF : 587695.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

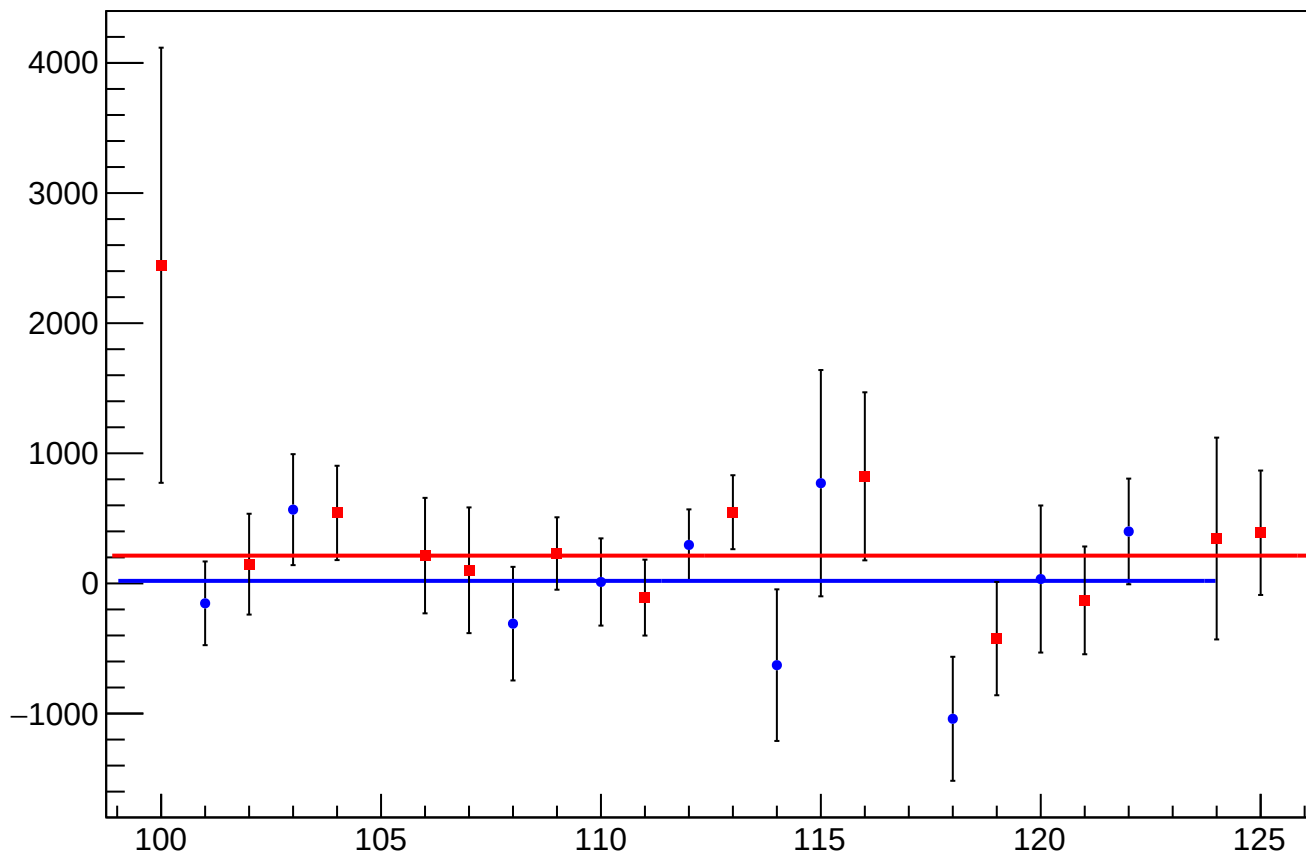
Right: 2229.665+/-0.538 χ^2/NDF : 1057483.6/22

In: 2276.225+/-0.819 χ^2/NDF : 464107.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2229.665+/-0.538 χ^2/NDF : 1057483.6/22

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: 213.636+/-111.389 χ^2/NDF : 9.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

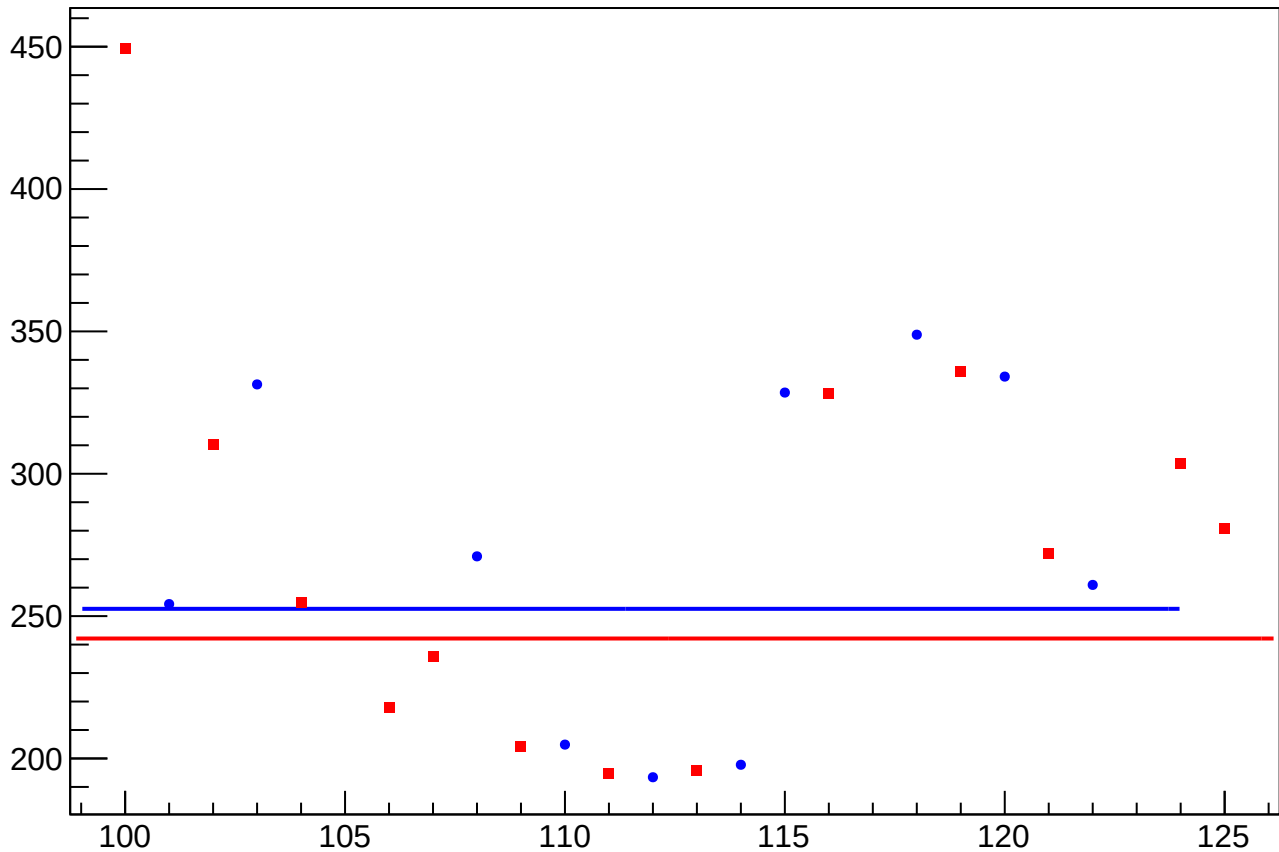
Right: 130.388+/-84.171 χ^2/NDF : 21.8/22

In: 19.585+/-128.509 χ^2/NDF : 11.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.388+/-84.171 χ^2/NDF : 21.8/22

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: 242.133 $\pm$ 0.079 χ^2 /NDF: 409077.3/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

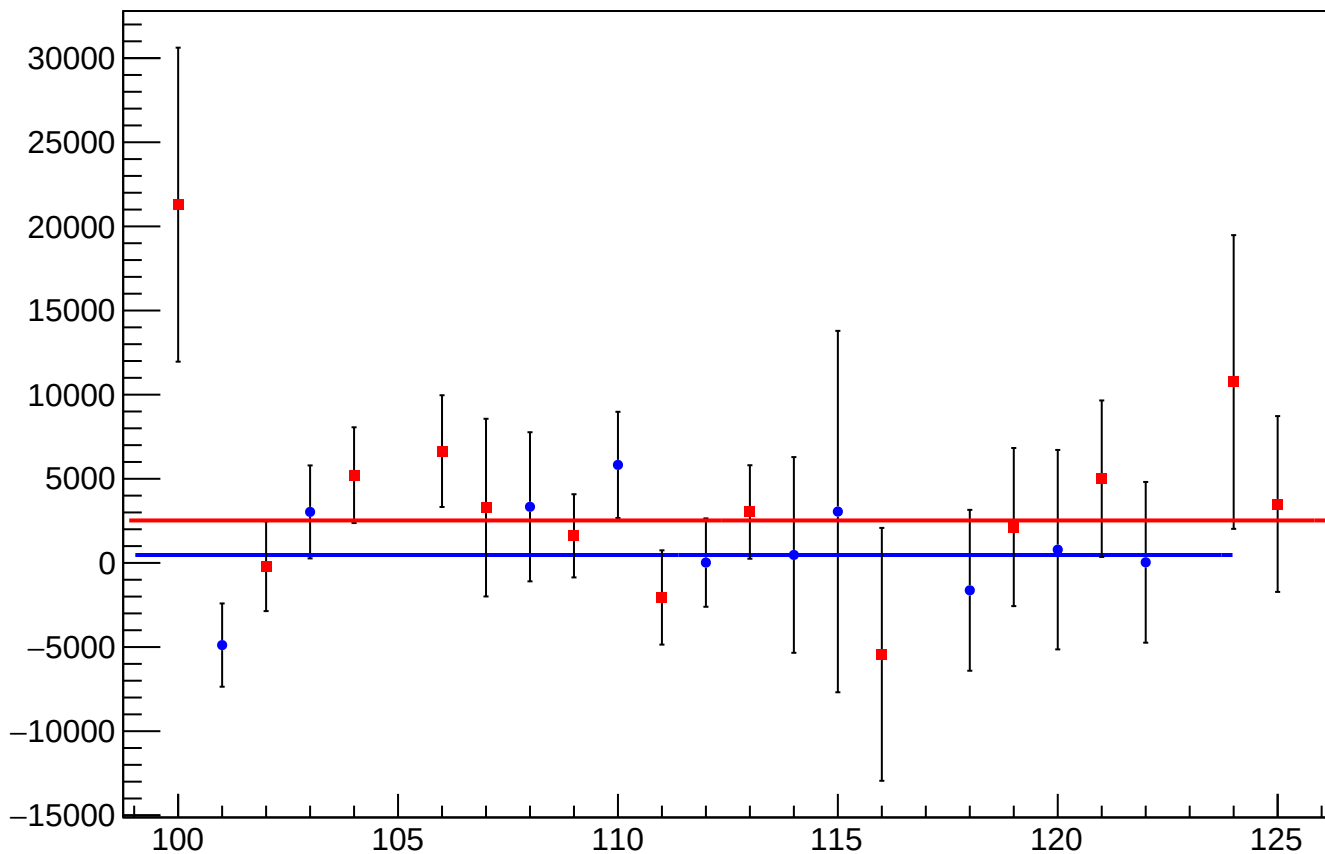
Right: 246.605 $\pm$ 0.060 χ^2 /NDF: 779750.0/22

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: 246.605 $\pm$ 0.060 χ^2 /NDF: 779750.0/22

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: 2524.151+/-1009.285 χ^2/NDF : 12.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

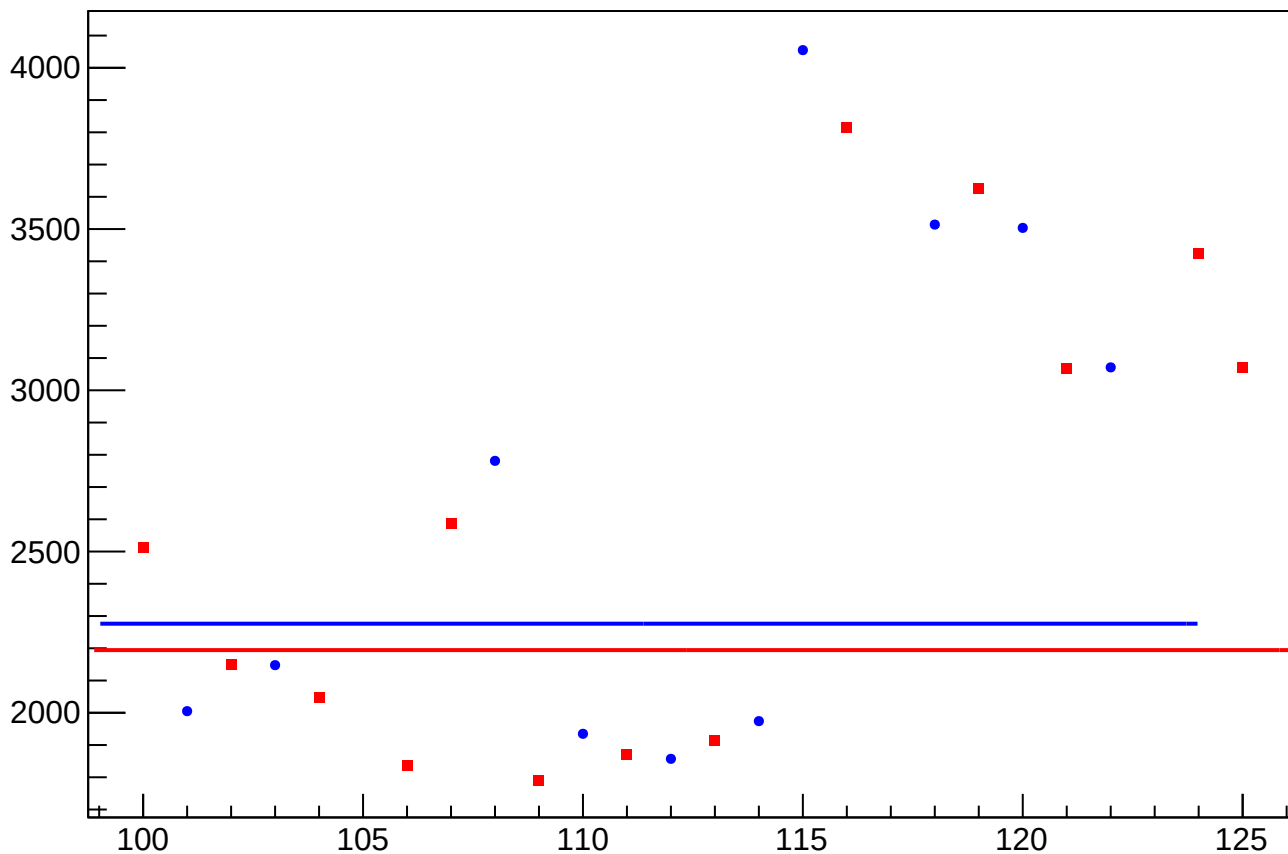
Right: 1638.410+/-761.028 χ^2/NDF : 23.6/22

In: 471.180+/-1158.614 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1638.410+/-761.028 χ^2/NDF : 23.6/22

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: 2194.333+/-0.714 χ^2/NDF : 587697.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

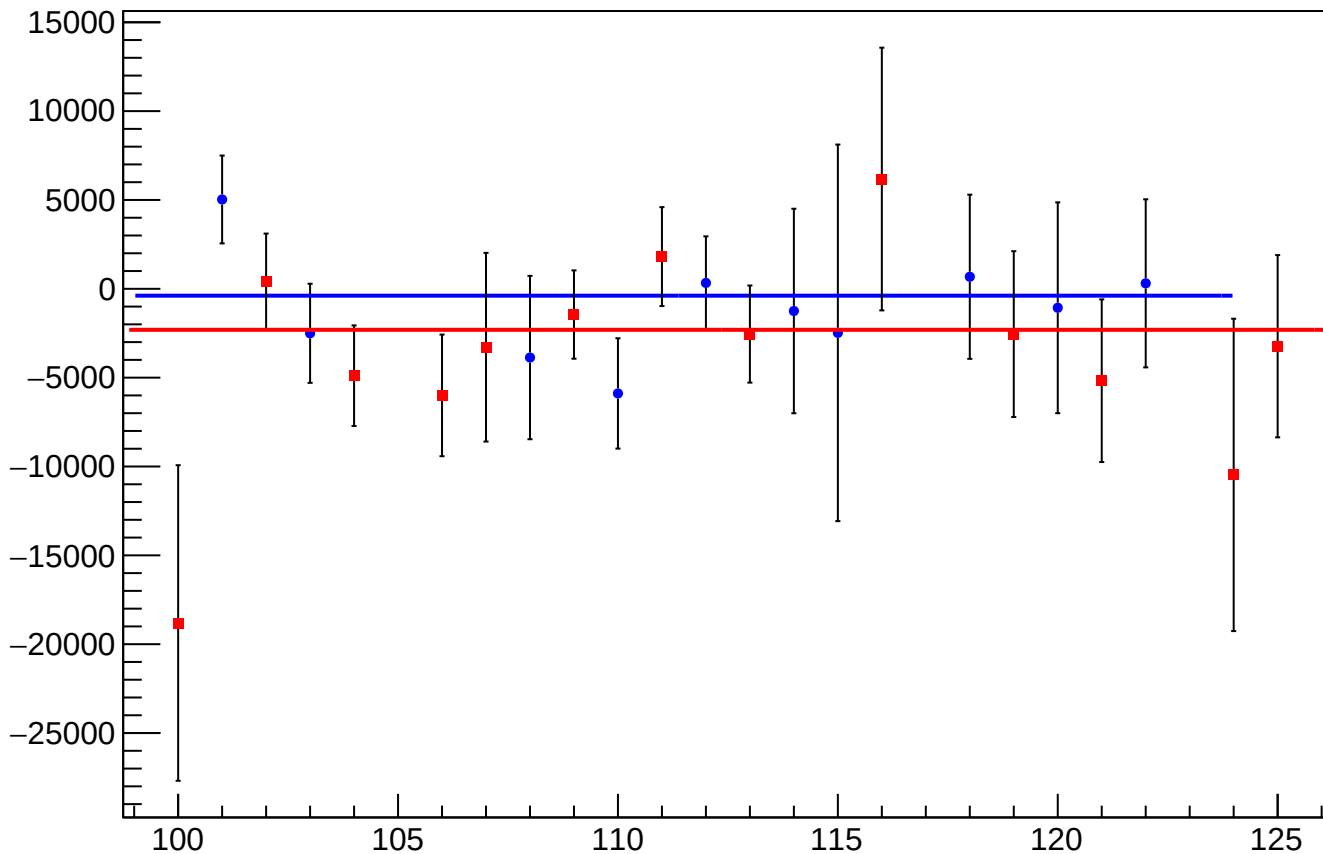
Right: 2229.664+/-0.538 χ^2/NDF : 1057487.3/22

In: 2276.224+/-0.819 χ^2/NDF : 464109.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2229.664+/-0.538 χ^2/NDF : 1057487.3/22

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: -2307.657+/-1008.174 χ^2/NDF : 11.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

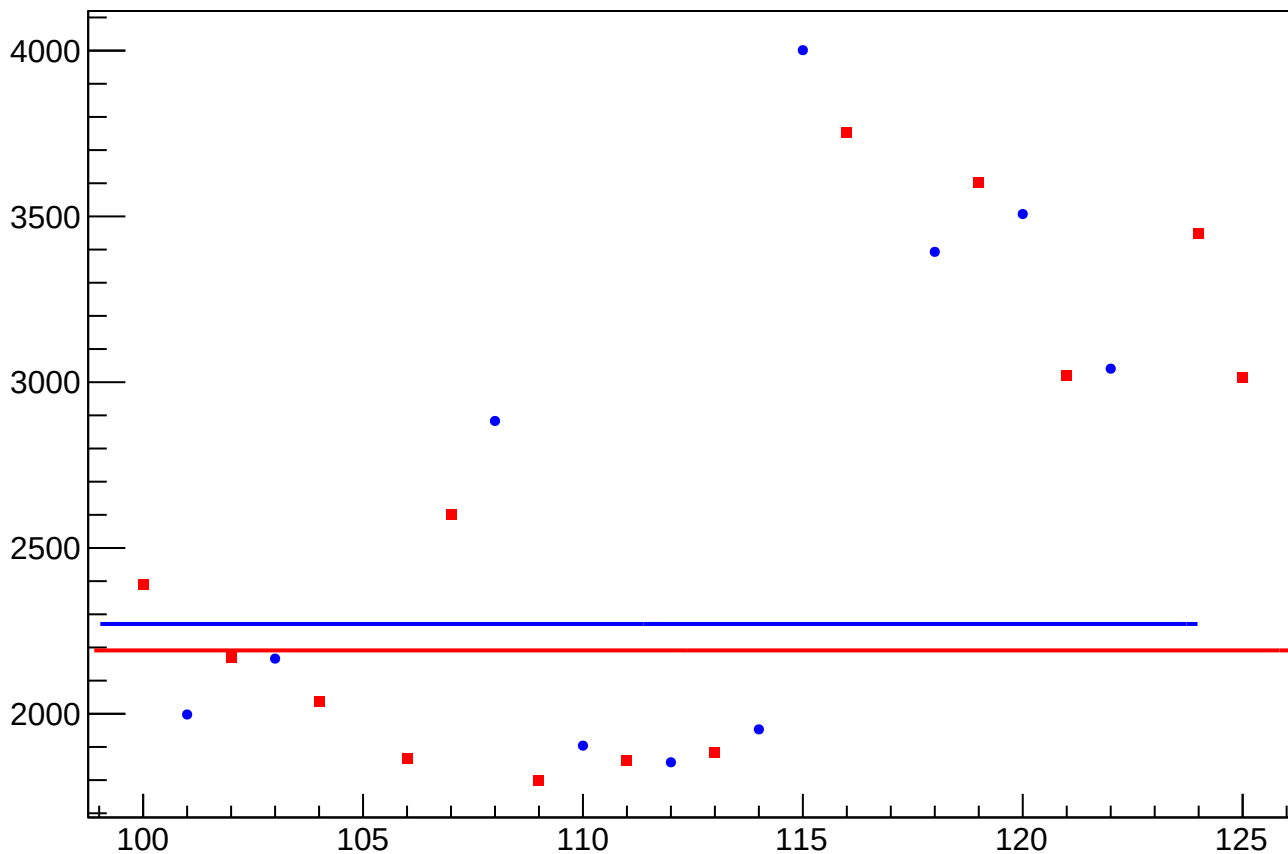
Right: -1477.982+/-759.907 χ^2/NDF : 22.3/22

In: -386.528+/-1156.337 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1477.982+/-759.907 χ^2/NDF : 22.3/22

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: 2191.148+/-0.713 χ^2/NDF : 570407.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

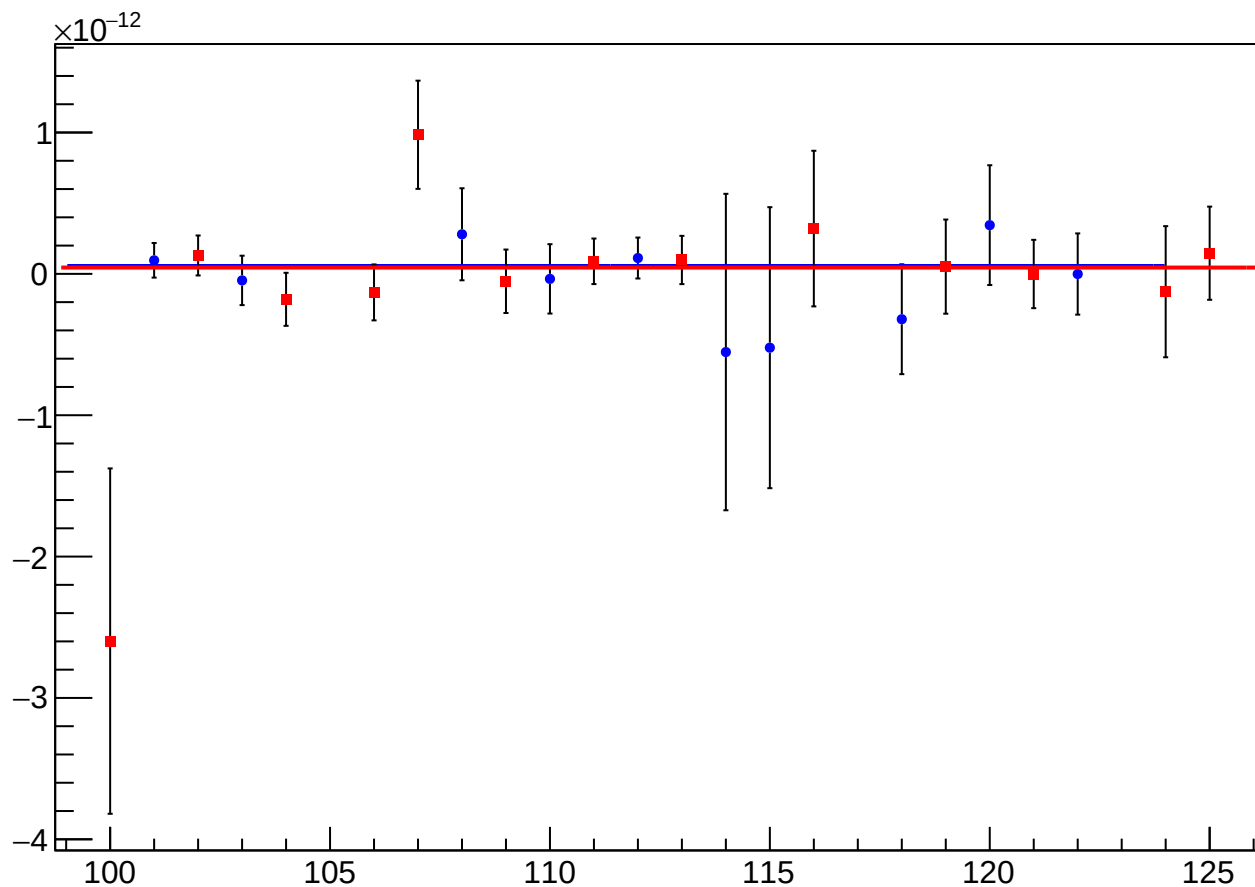
Right: 2225.594+/-0.537 χ^2/NDF : 1034404.8/22

In: 2270.909+/-0.818 χ^2/NDF : 458591.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2225.594+/-0.537 χ^2/NDF : 1034404.8/22

asym_sam4_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

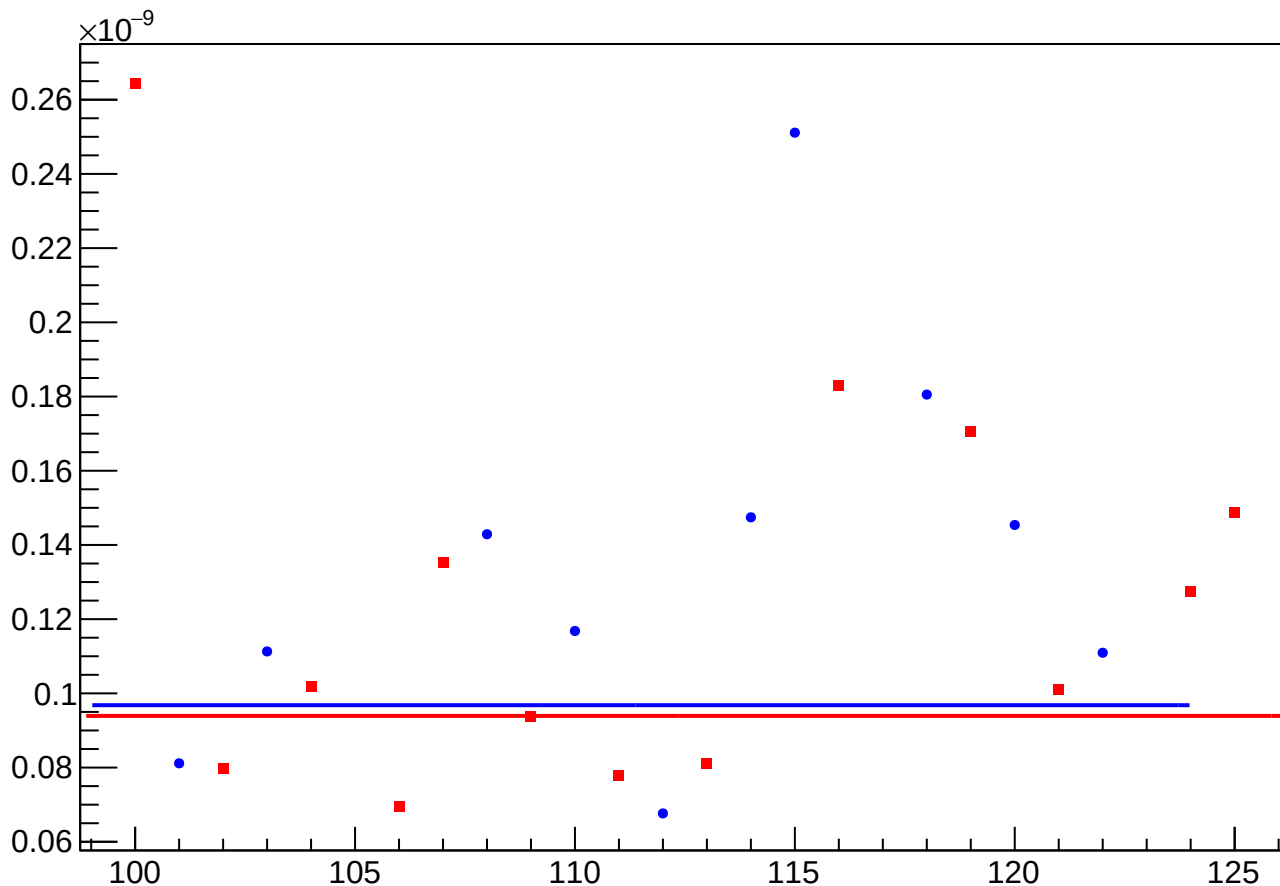
Right: 0.000+/-0.000 χ^2/NDF : 17.5/22

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 : 17.5/22

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 : 373292.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

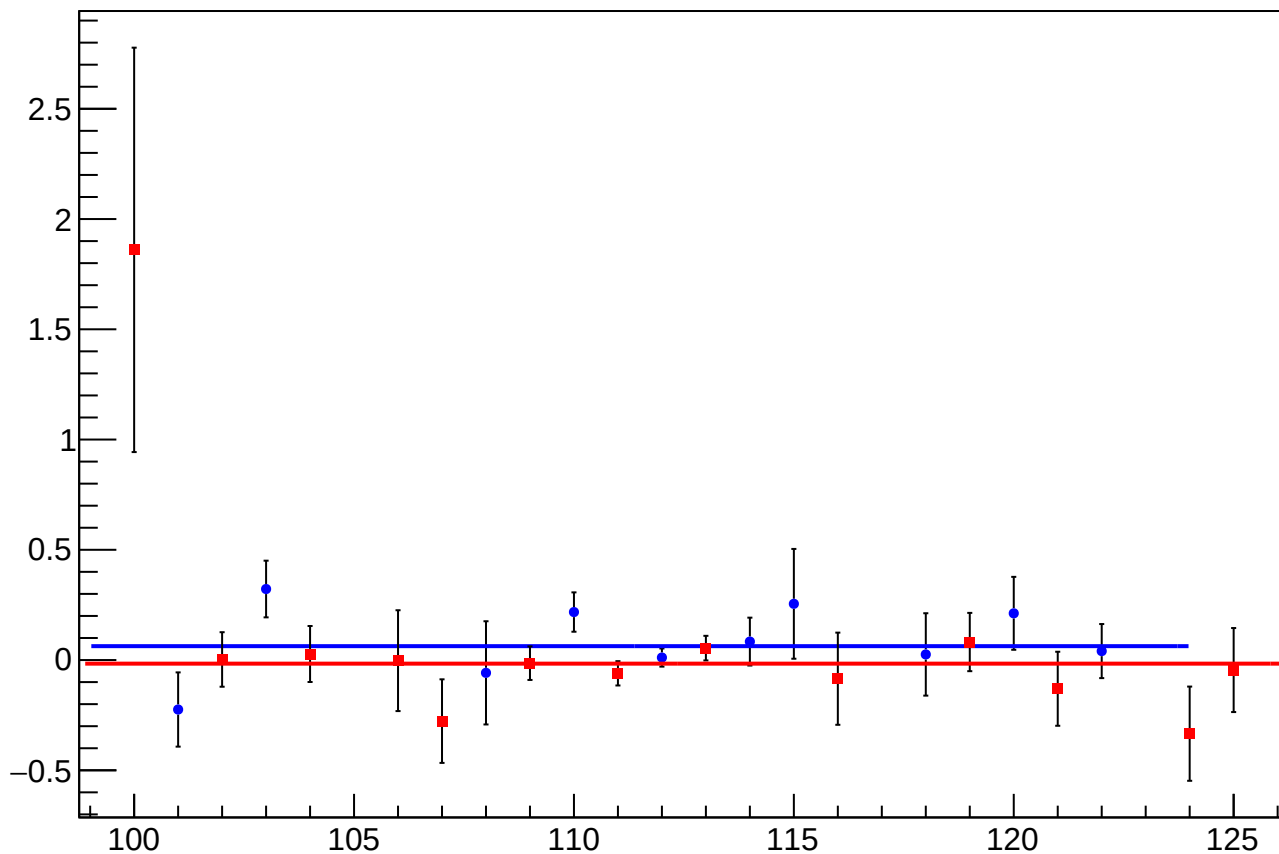
Right: 0.000+/-0.000 χ^2/NDF : 732351.7/22

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 : 732351.7/22

asym_sam4_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.063 $\pm$ 0.031 χ^2 /NDF: 13.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.016 $\pm$ 0.029 χ^2 /NDF: 11.8/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

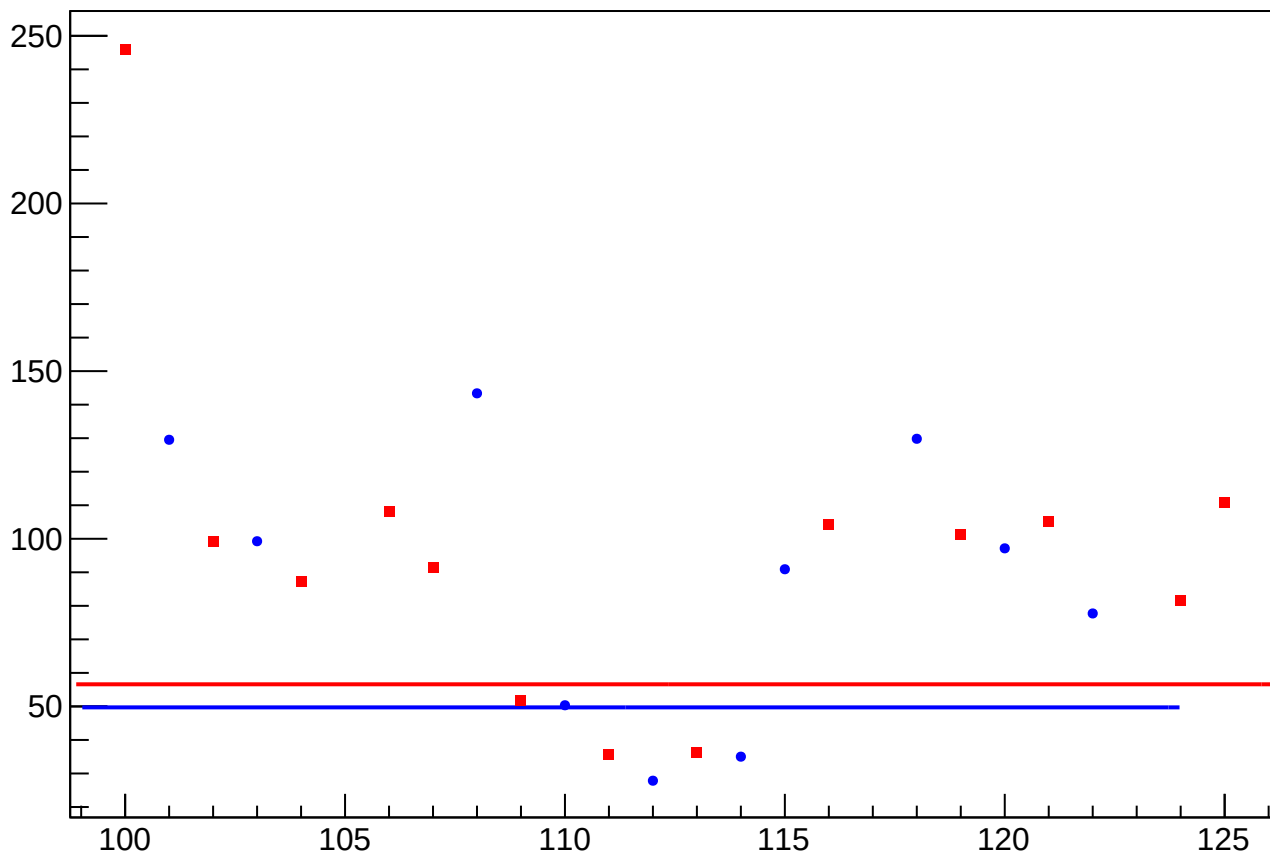
Right: 0.022 $\pm$ 0.021 χ^2 /NDF: 28.6/22

In: 0.063 $\pm$ 0.031 χ^2 /NDF:13.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.022 $\pm$ 0.021 χ^2 /NDF: 28.6/22

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: 56.600+/-0.021 χ^2/NDF : 1864211.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

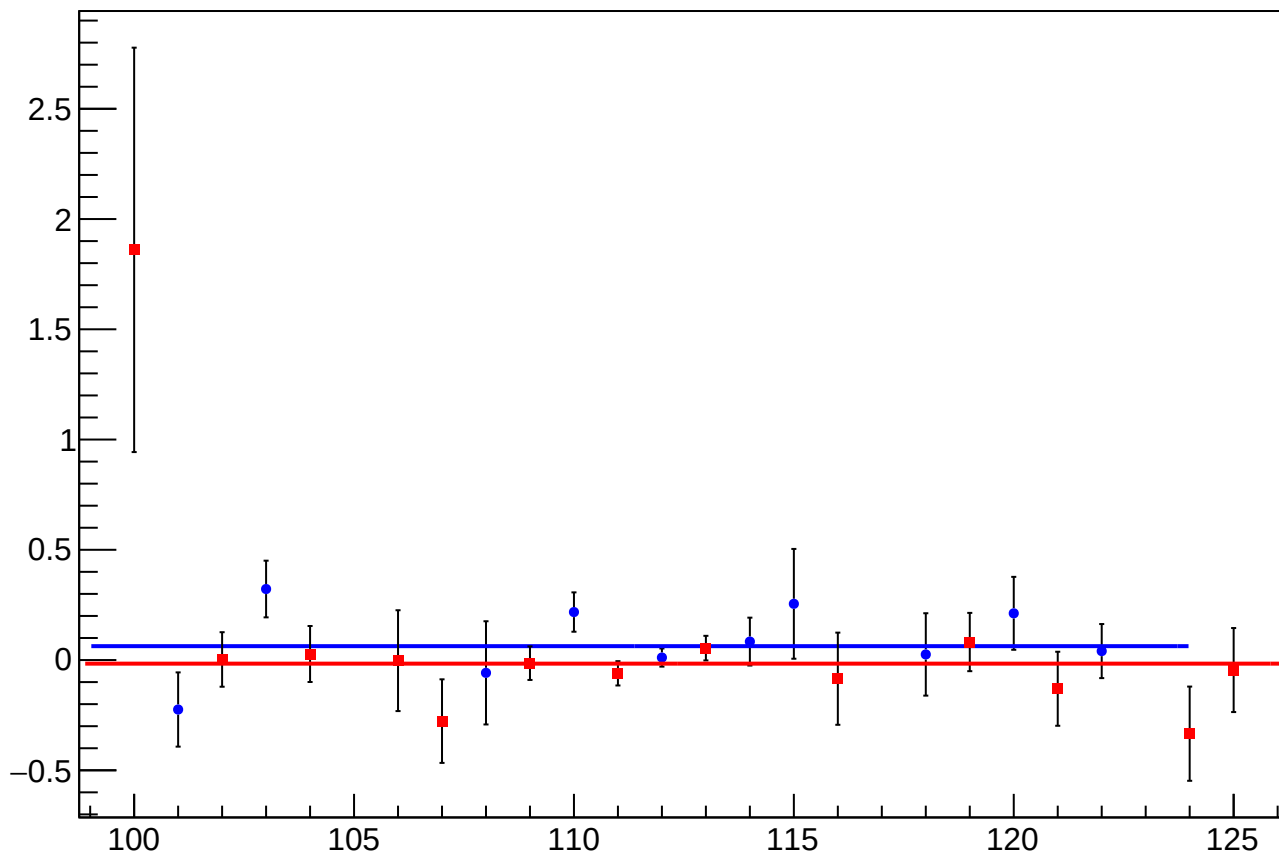
Right: 53.315+/-0.015 χ^2/NDF : 4277107.7/22

In: 49.717+/-0.022 χ^2/NDF : 2360258.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.315+/-0.015 χ^2/NDF : 4277107.7/22

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: -0.016 $\pm$ 0.029 χ^2 /NDF: 11.8/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

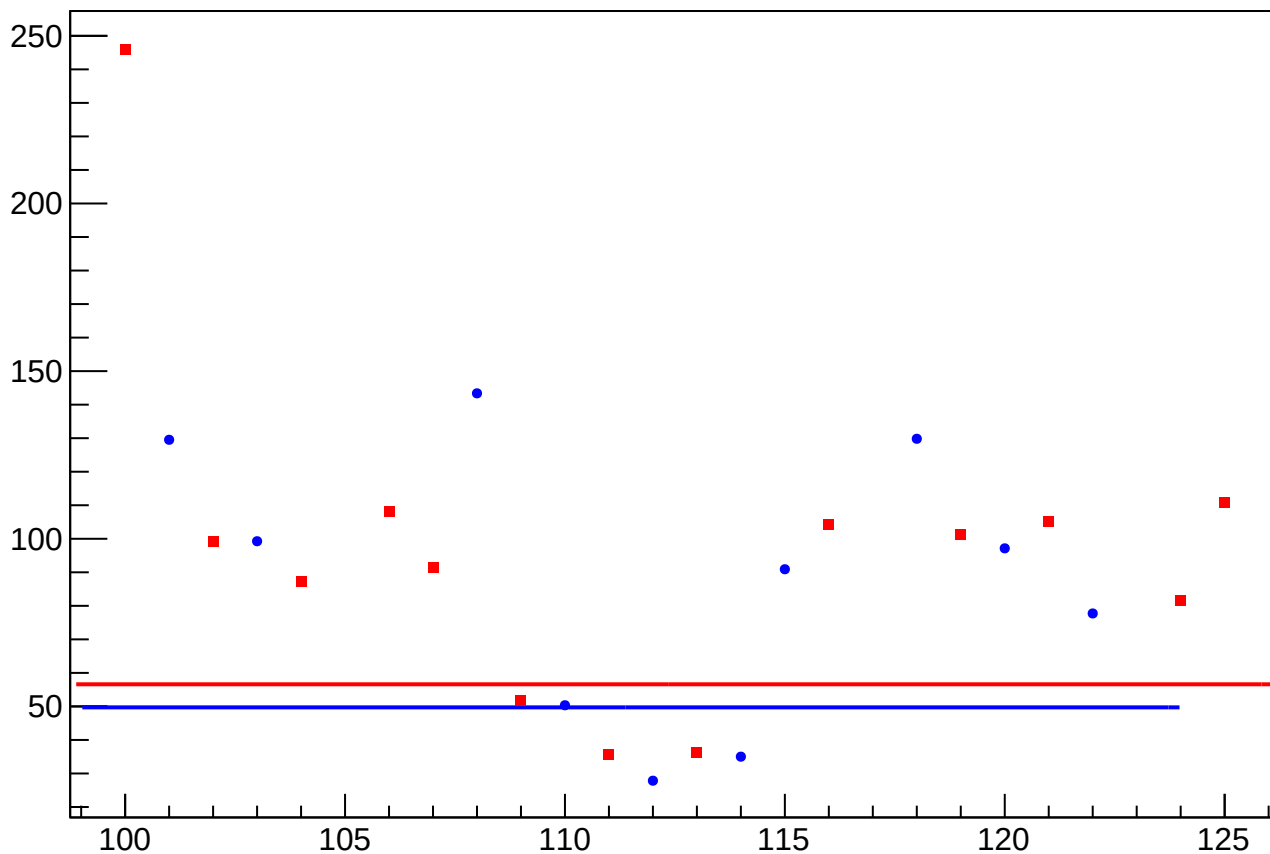
Right: 0.022 $\pm$ 0.021 χ^2 /NDF: 28.6/22

In: 0.063 $\pm$ 0.031 χ^2 /NDF:13.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.022 $\pm$ 0.021 χ^2 /NDF: 28.6/22

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: 56.600+/-0.021 χ^2/NDF : 1864211.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

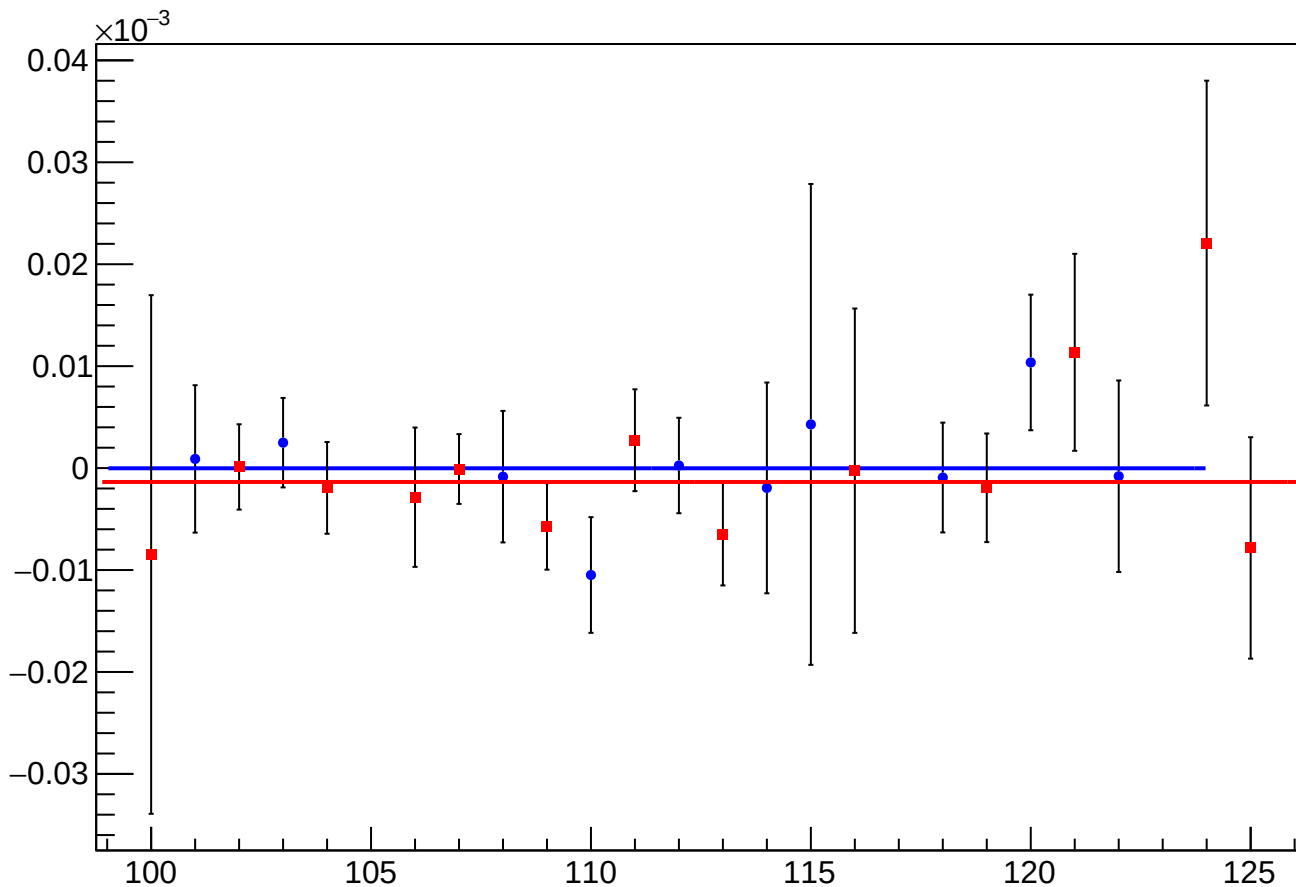
Right: 53.315+/-0.015 χ^2/NDF : 4277107.7/22

In: 49.717+/-0.022 χ^2/NDF : 2360258.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.315+/-0.015 χ^2/NDF : 4277107.7/22

asym_sam4_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

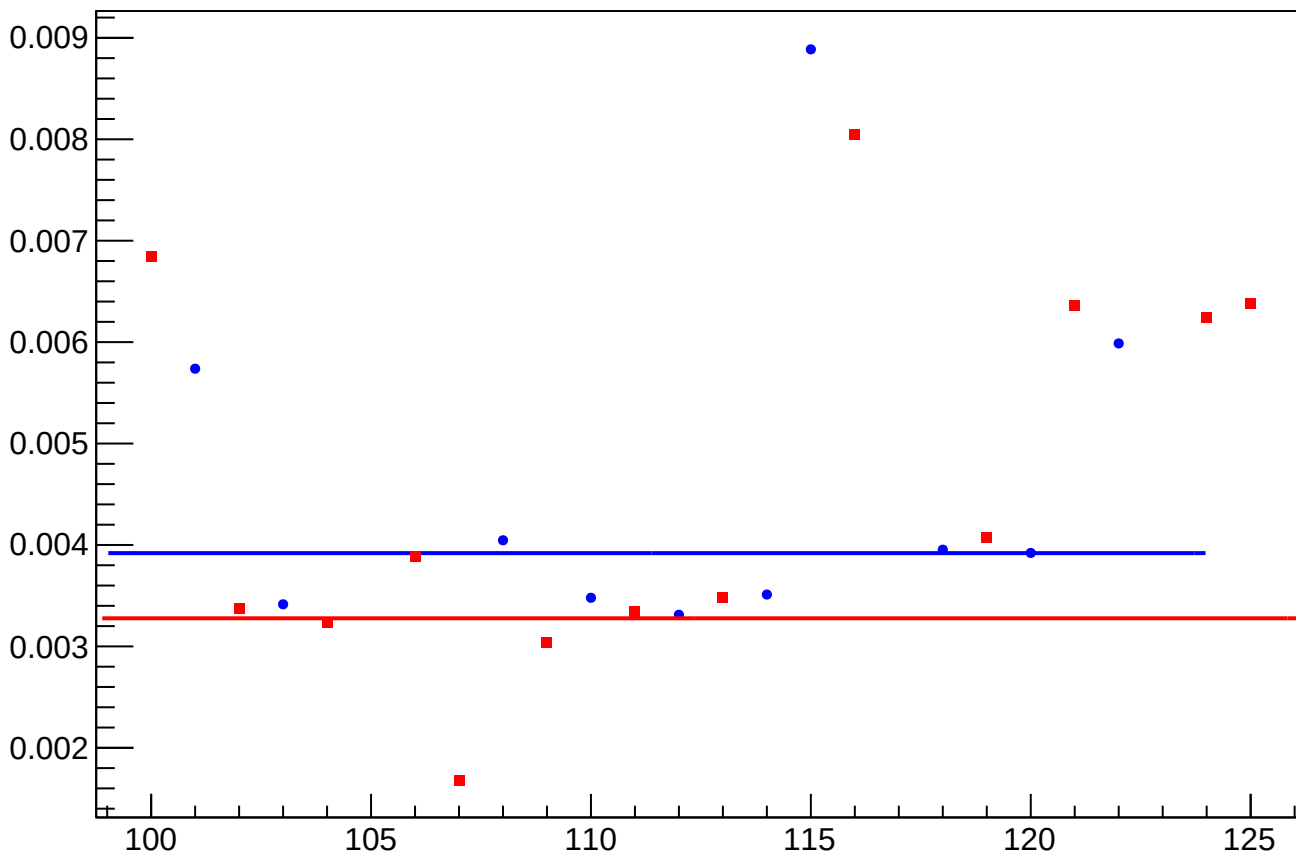
Right: -0.000+/-0.000 χ^2/NDF : 14.0/22

In: -0.000+/-0.000 χ^2/NDF : 6.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.0/22

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 : 1163660.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

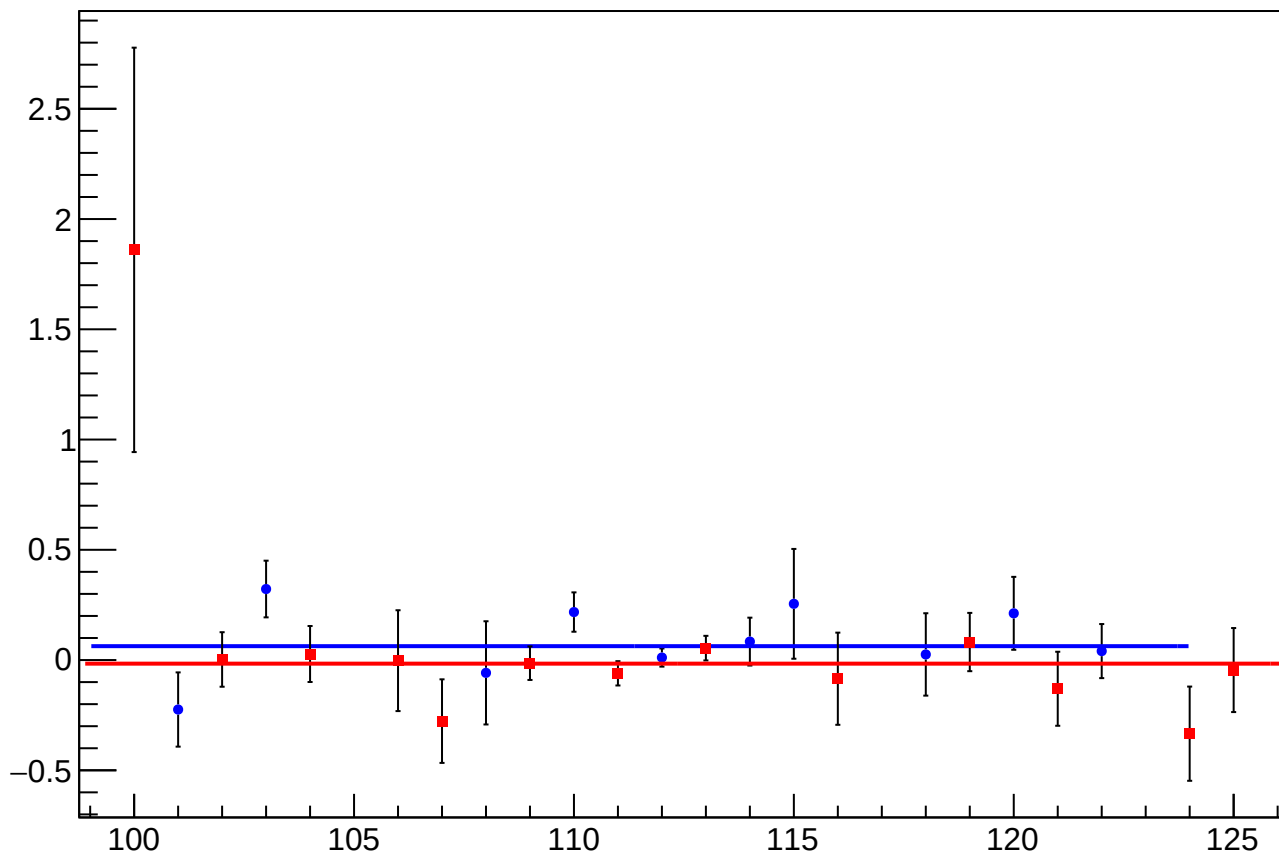
Right: 0.004+/-0.000 χ^2/NDF : 1680890.5/22

In: 0.004+/-0.000 χ^2/NDF : 388298.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 1680890.5/22

asym_sam4_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.063+/-0.031 χ^2/NDF : 13.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.016+/-0.029 χ^2/NDF : 11.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

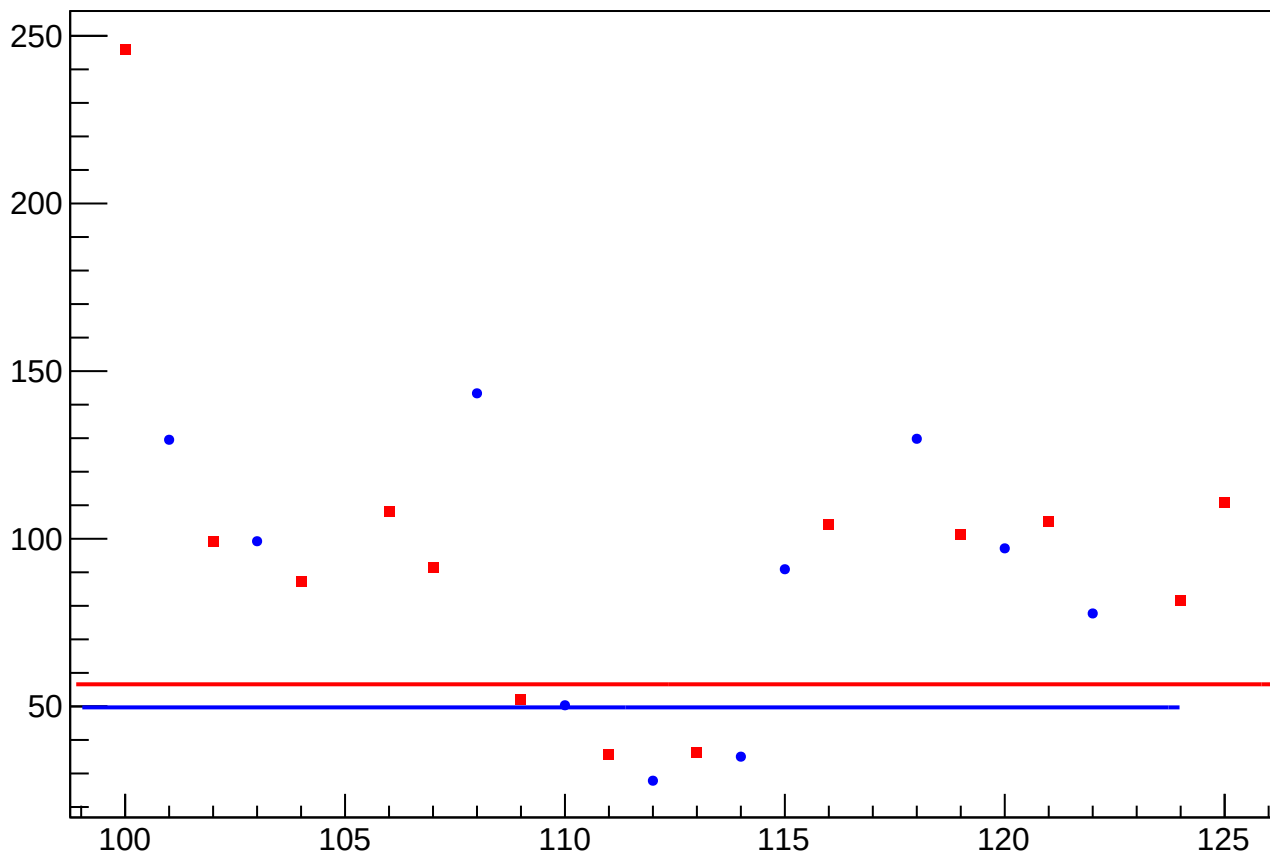
Right: 0.022+/-0.021 χ^2/NDF : 28.6/22

In: 0.063+/-0.031 χ^2/NDF :13.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.022+/-0.021 χ^2/NDF : 28.6/22

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: 56.598+/-0.021 χ^2/NDF : 1864367.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

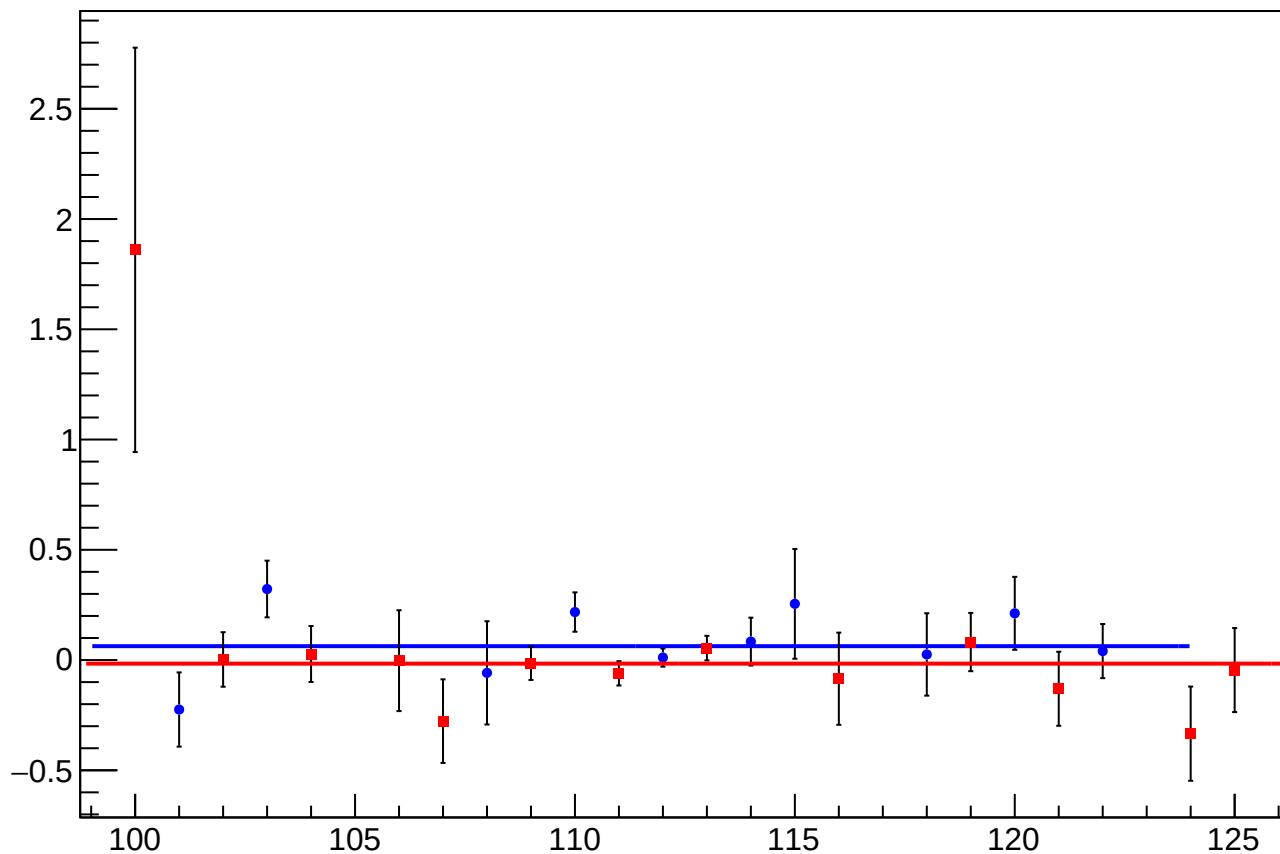
Right: 53.313+/-0.015 χ^2/NDF : 4277407.4/22

In: 49.715+/-0.022 χ^2/NDF : 2360397.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.313+/-0.015 χ^2/NDF : 4277407.4/22

asym_sam4_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.063+/-0.031 χ^2/NDF : 13.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.029 χ^2/NDF : 11.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

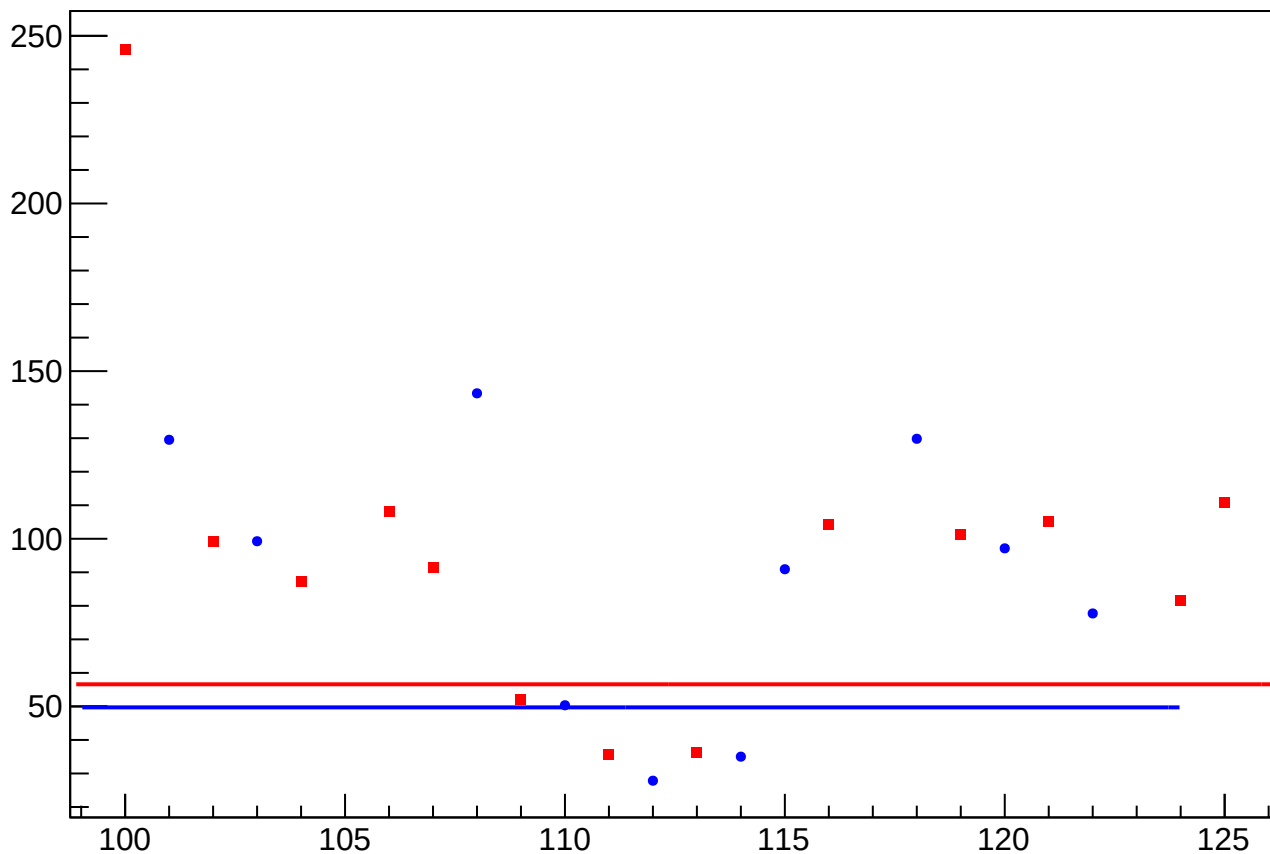
Right: 0.022+/-0.021 χ^2/NDF : 28.6/22

In: 0.063+/-0.031 χ^2/NDF : 13.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.021 χ^2/NDF : 28.6/22

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: 56.598+/-0.021 χ^2/NDF : 1864367.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

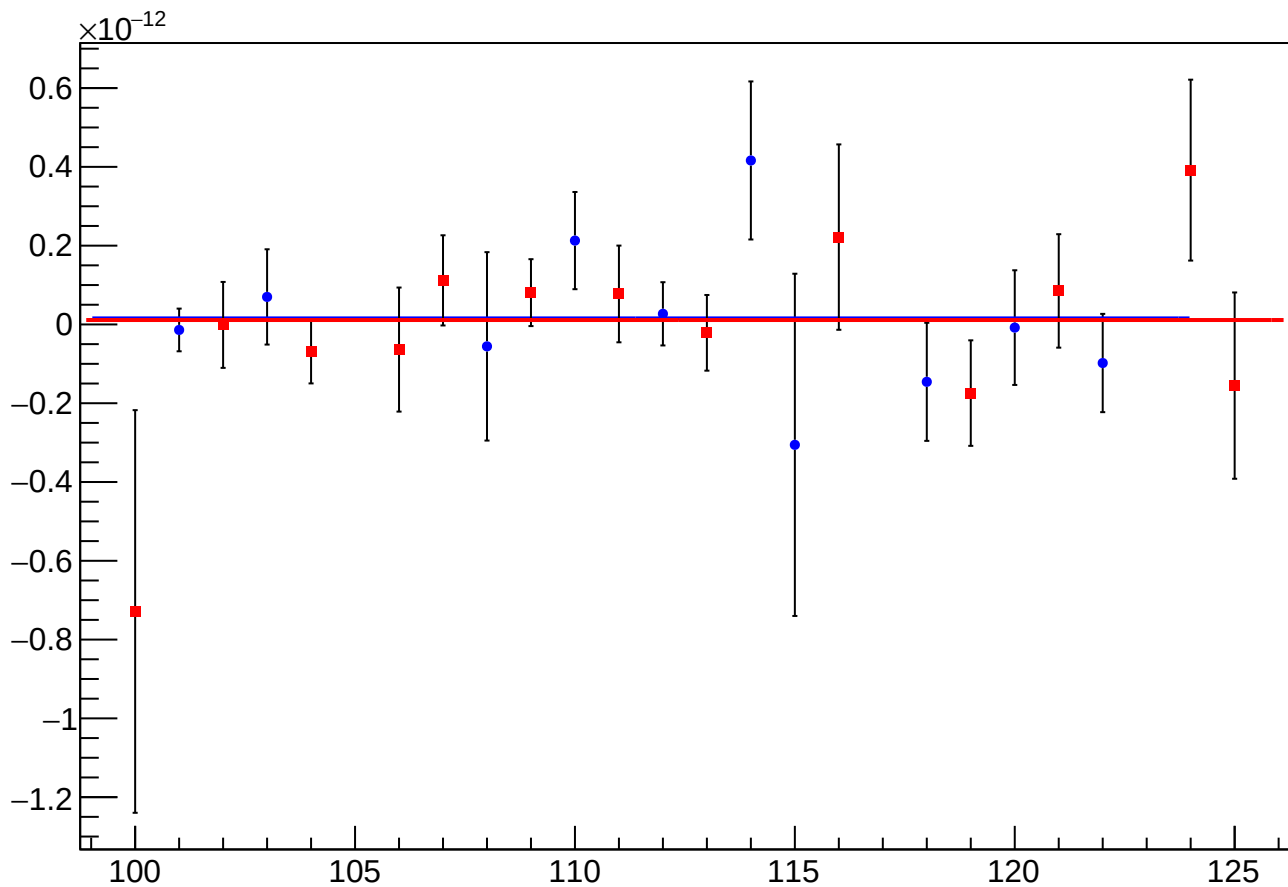
Right: 53.313+/-0.015 χ^2/NDF : 4277407.4/22

In: 49.715+/-0.022 χ^2/NDF : 2360397.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.313+/-0.015 χ^2/NDF : 4277407.4/22

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 : 11.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

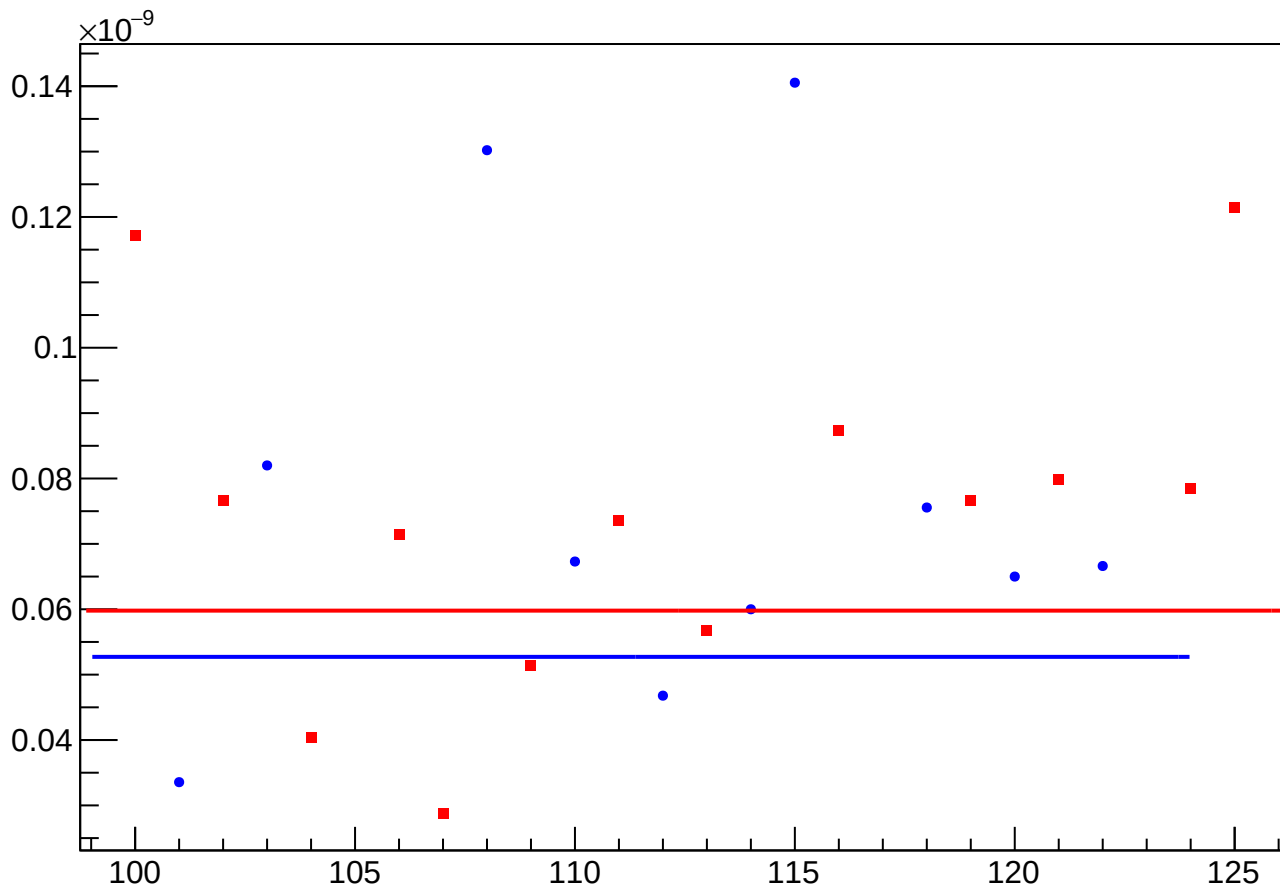
Right: 0.000+/-0.000 χ^2/NDF : 21.1/22

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 : 21.1/22

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 : 640871.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

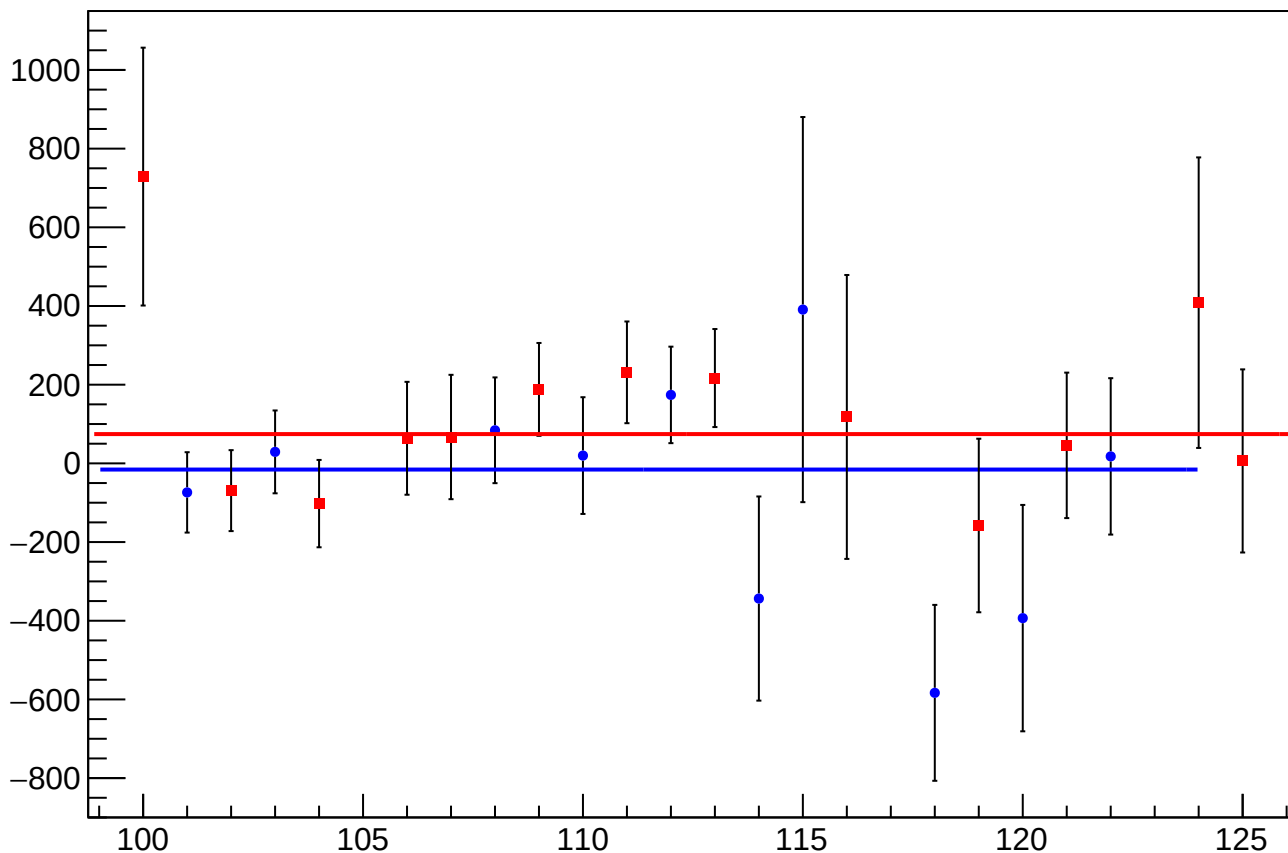
Right: 0.000+/-0.000 χ^2/NDF : 1468768.5/22

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 : 1468768.5/22

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: 74.433 ± 42.527 χ^2/NDF : 14.2/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

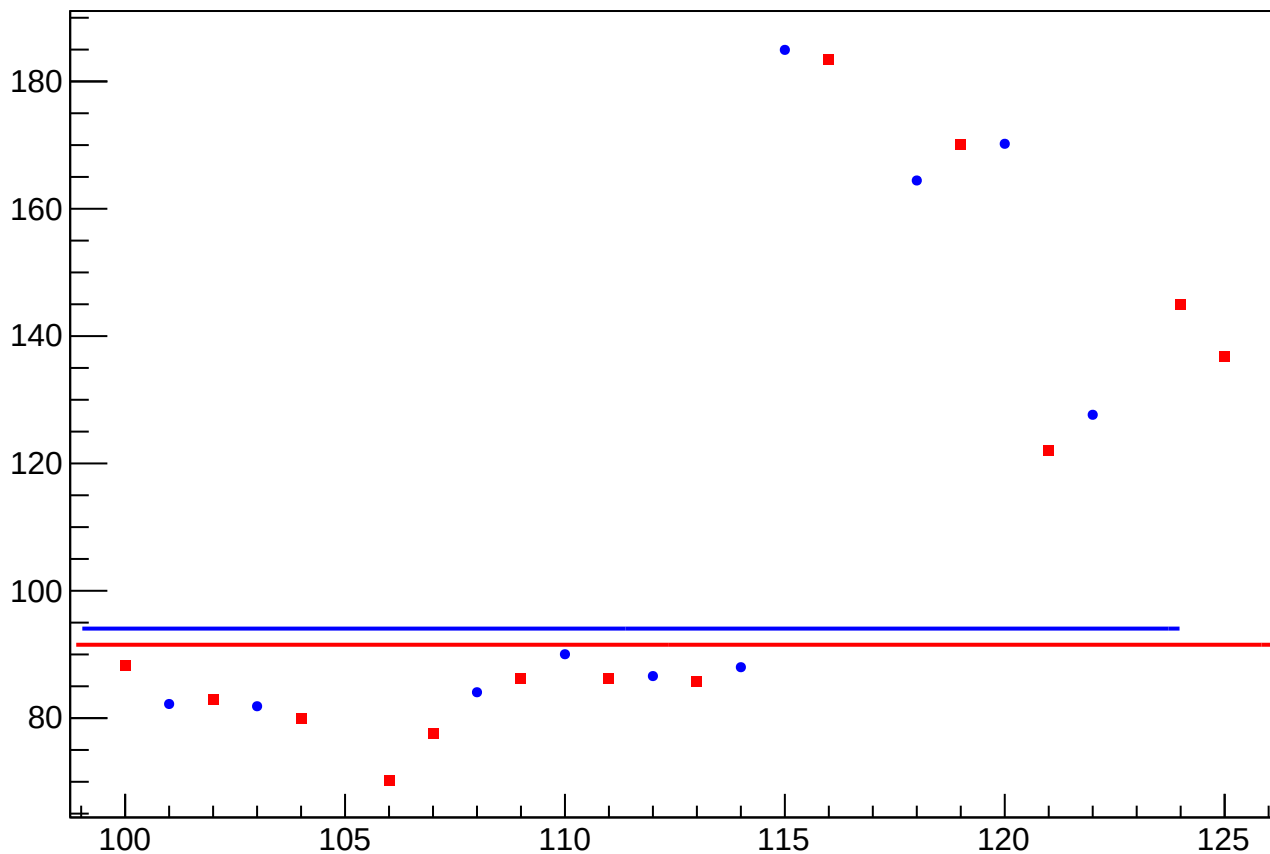
Right: 35.007 ± 31.899 χ^2/NDF : 30.2/22

In: -15.715 ± 48.236 χ^2/NDF : 14.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 35.007 ± 31.899 χ^2/NDF : 30.2/22

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: 91.524 $\pm$ 0.030 χ^2 /NDF: 663271.7/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

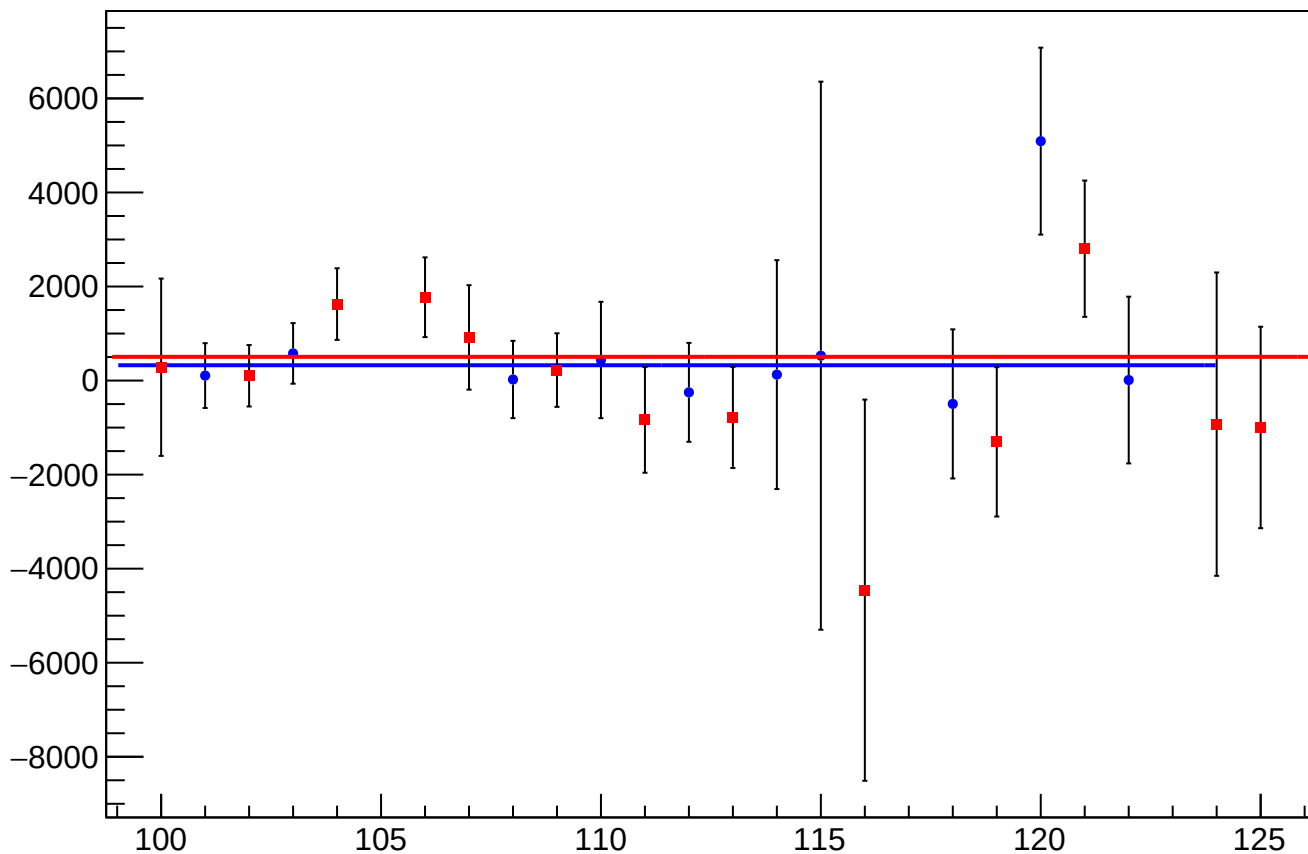
Right: 92.634 $\pm$ 0.023 χ^2 /NDF: 1205488.1/22

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: 92.634 $\pm$ 0.023 χ^2 /NDF: 1205488.1/22

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: 504.809+/-300.238 χ^2/NDF : 13.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

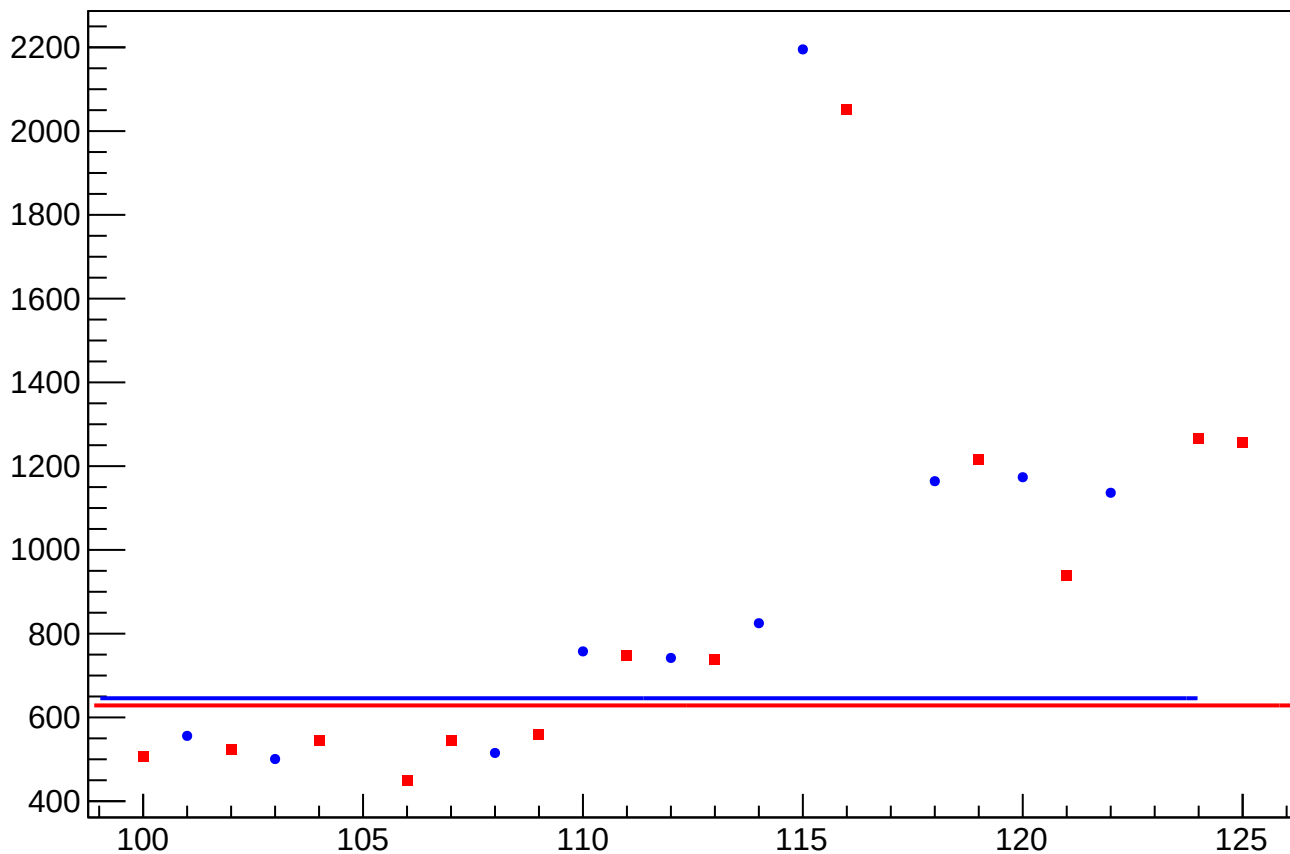
Right: 425.997+/-224.663 χ^2/NDF : 20.8/22

In: 325.719+/-338.663 χ^2/NDF : 6.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 425.997+/-224.663 χ^2/NDF : 20.8/22

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: 628.649+/-0.212 χ^2/NDF : 1105299.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

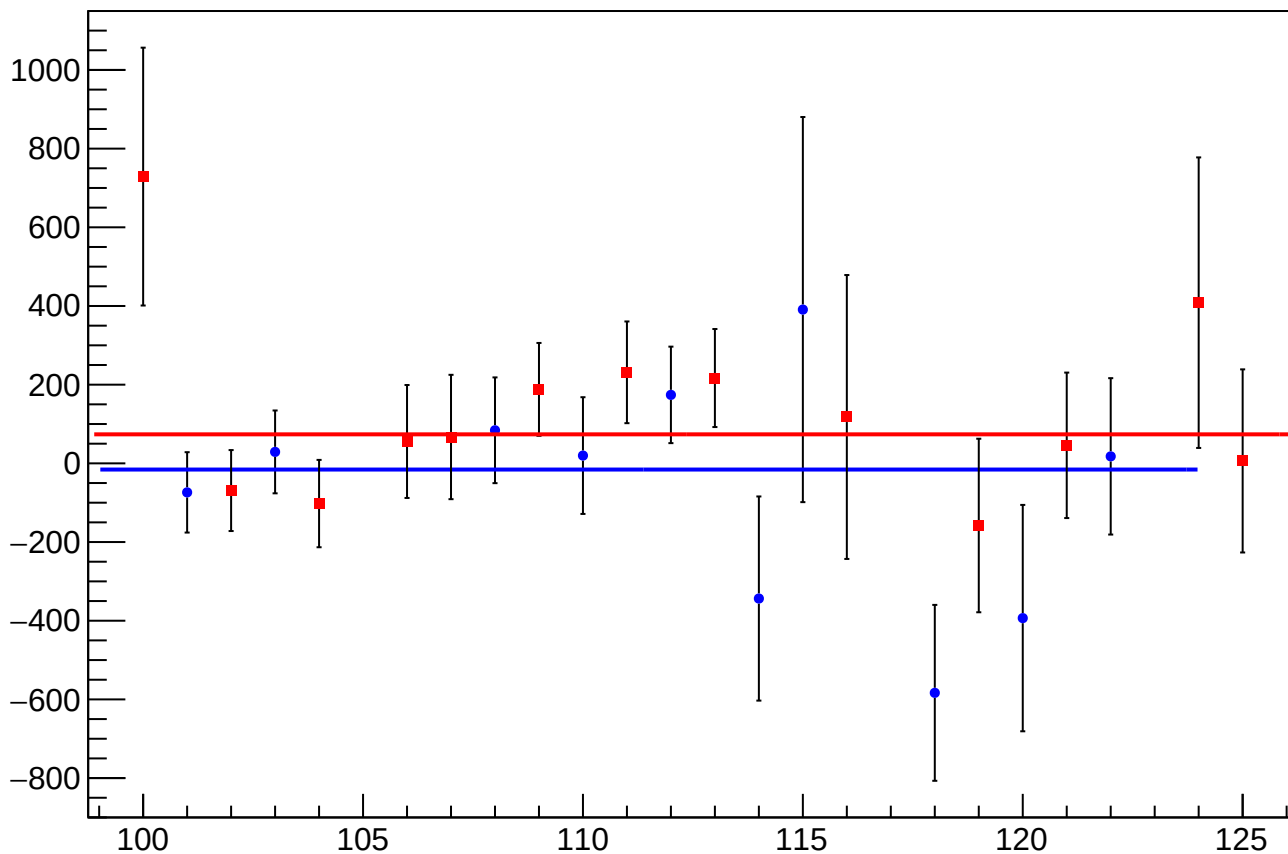
Right: 636.191+/-0.159 χ^2/NDF : 1987318.1/22

In: 645.786+/-0.239 χ^2/NDF : 879151.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 636.191+/-0.159 χ^2/NDF : 1987318.1/22

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: 73.757 ± 42.531 χ^2/NDF : 14.2/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

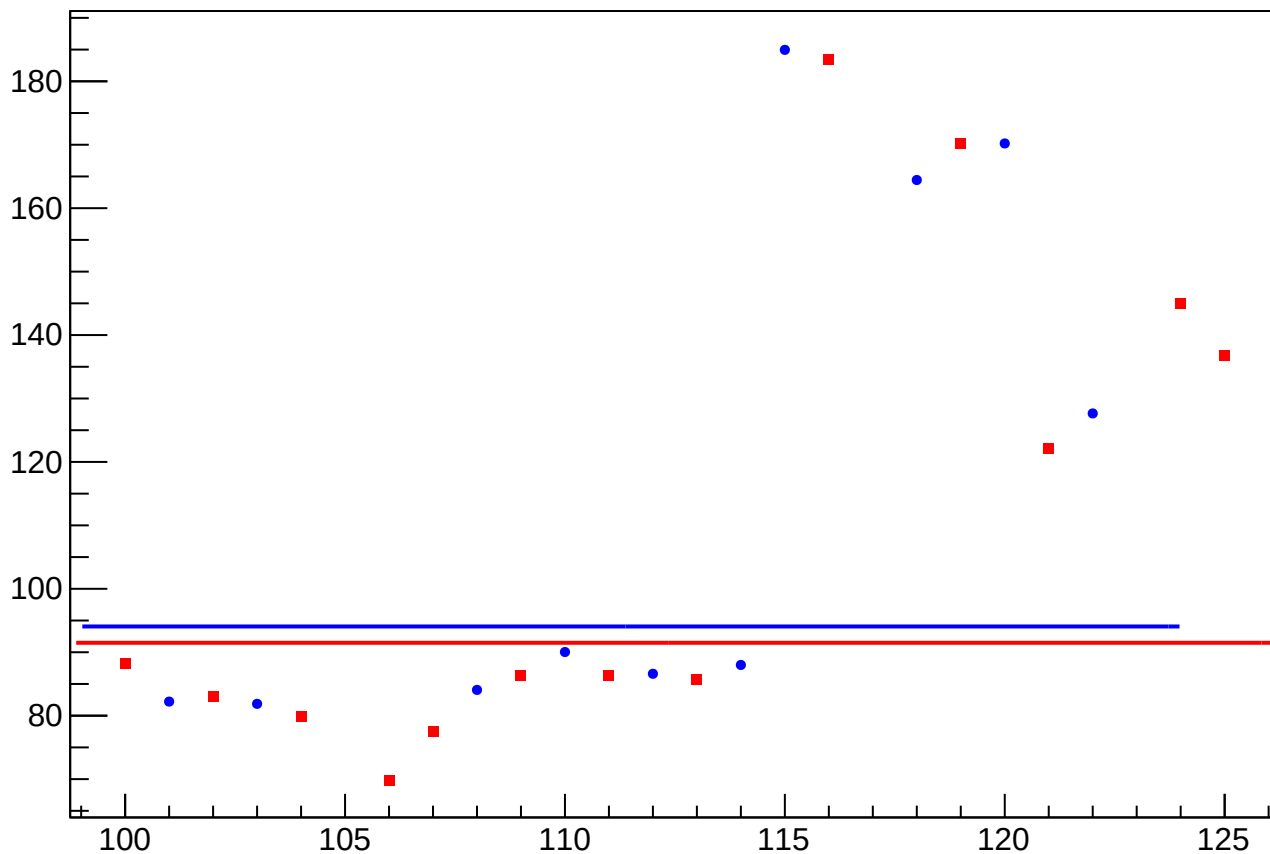
Right: 34.615 ± 31.901 χ^2/NDF : 30.2/22

In: -15.733 ± 48.236 χ^2/NDF : 14.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 34.615 ± 31.901 χ^2/NDF : 30.2/22

cor_asym_sam5_rms vs Slug, Sign Corrected



Right In: 94.062 $\pm$ 0.034 χ^2 /NDF: 539100.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 91.492 $\pm$ 0.030 χ^2 /NDF: 664915.1/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

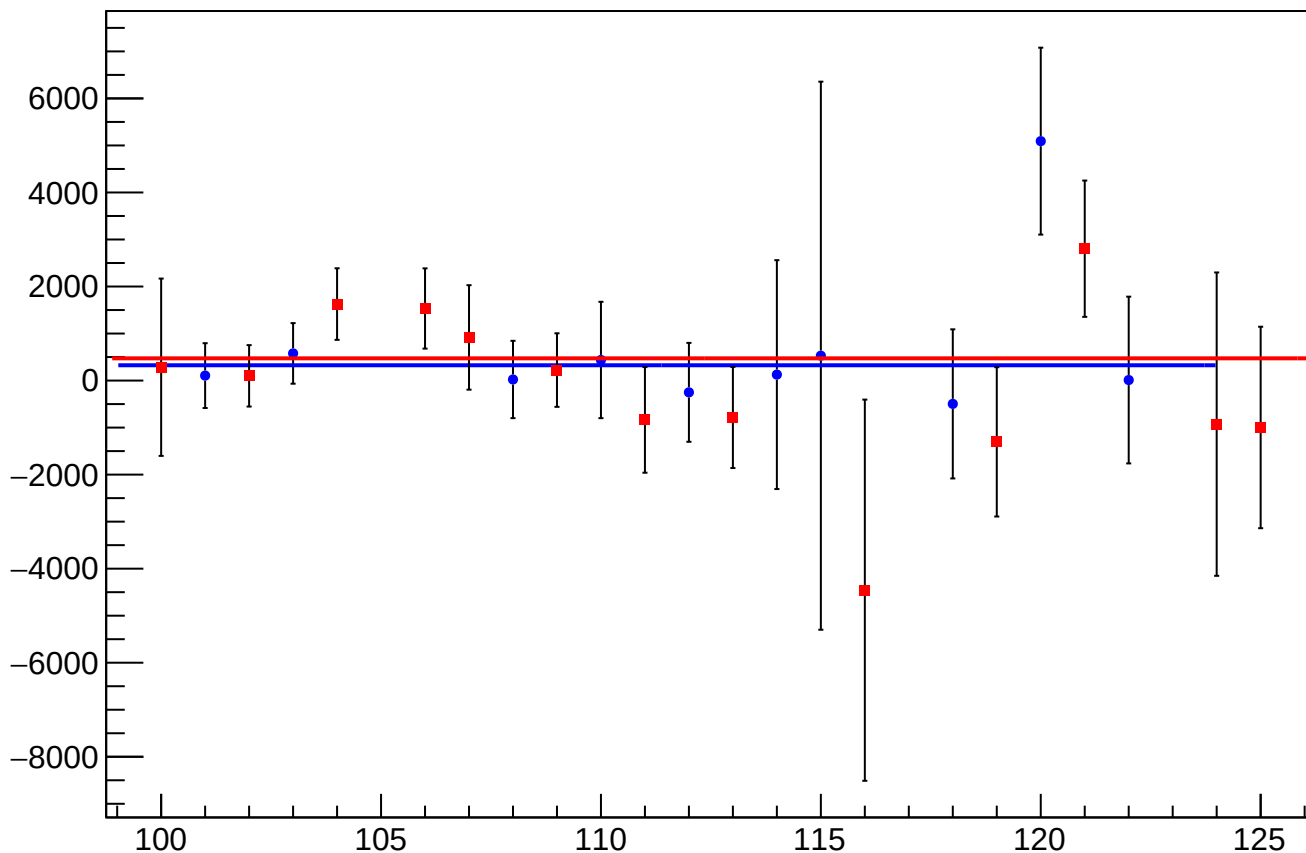
Right: 92.616 $\pm$ 0.023 χ^2 /NDF: 1207208.7/22

In: 94.062 $\pm$ 0.034 χ^2 /NDF:539100.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 92.616 $\pm$ 0.023 χ^2 /NDF: 1207208.7/22

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: 472.745+/-300.484 χ^2/NDF : 13.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

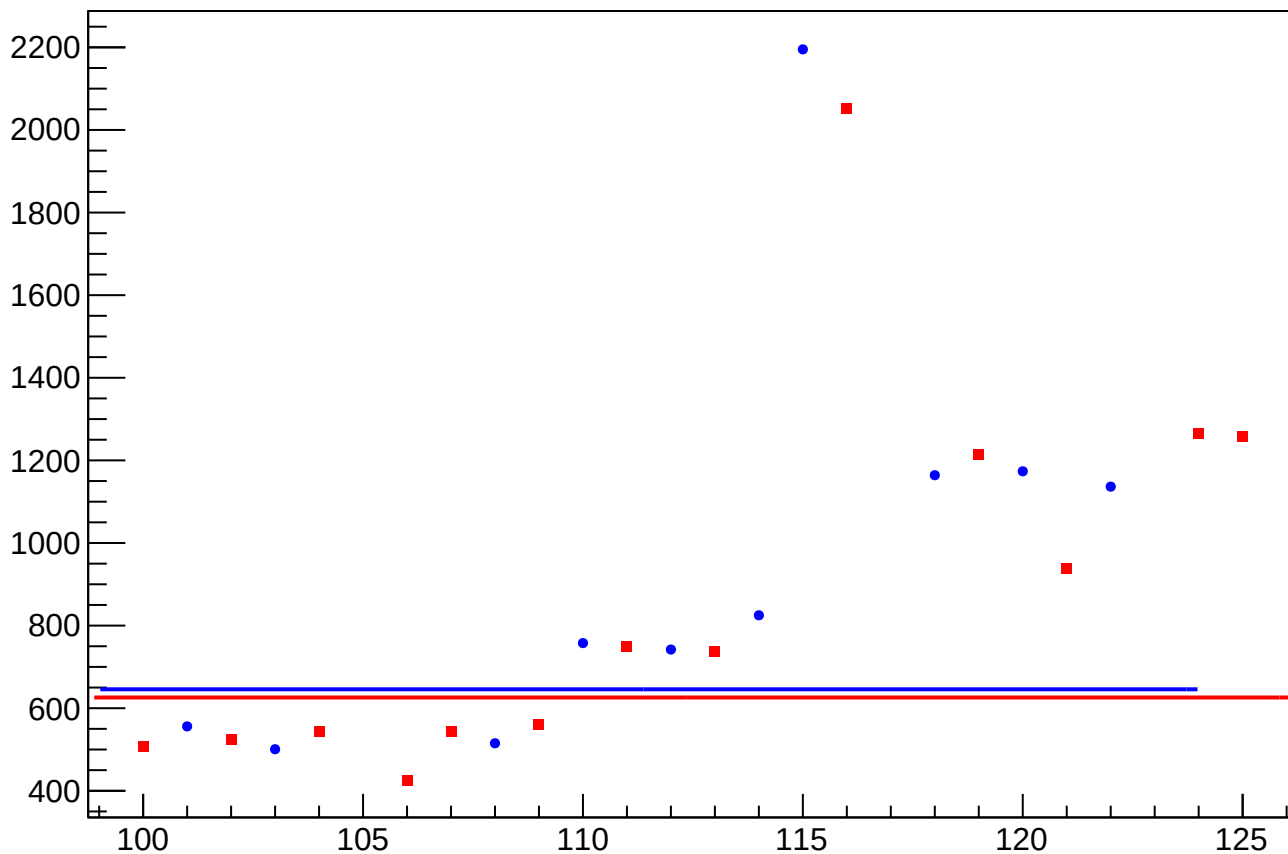
Right: 407.984+/-224.765 χ^2/NDF : 20.0/22

In: 325.721+/-338.663 χ^2/NDF : 6.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 407.984+/-224.765 χ^2/NDF : 20.0/22

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: 625.919+/-0.212 χ^2/NDF : 1129653.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

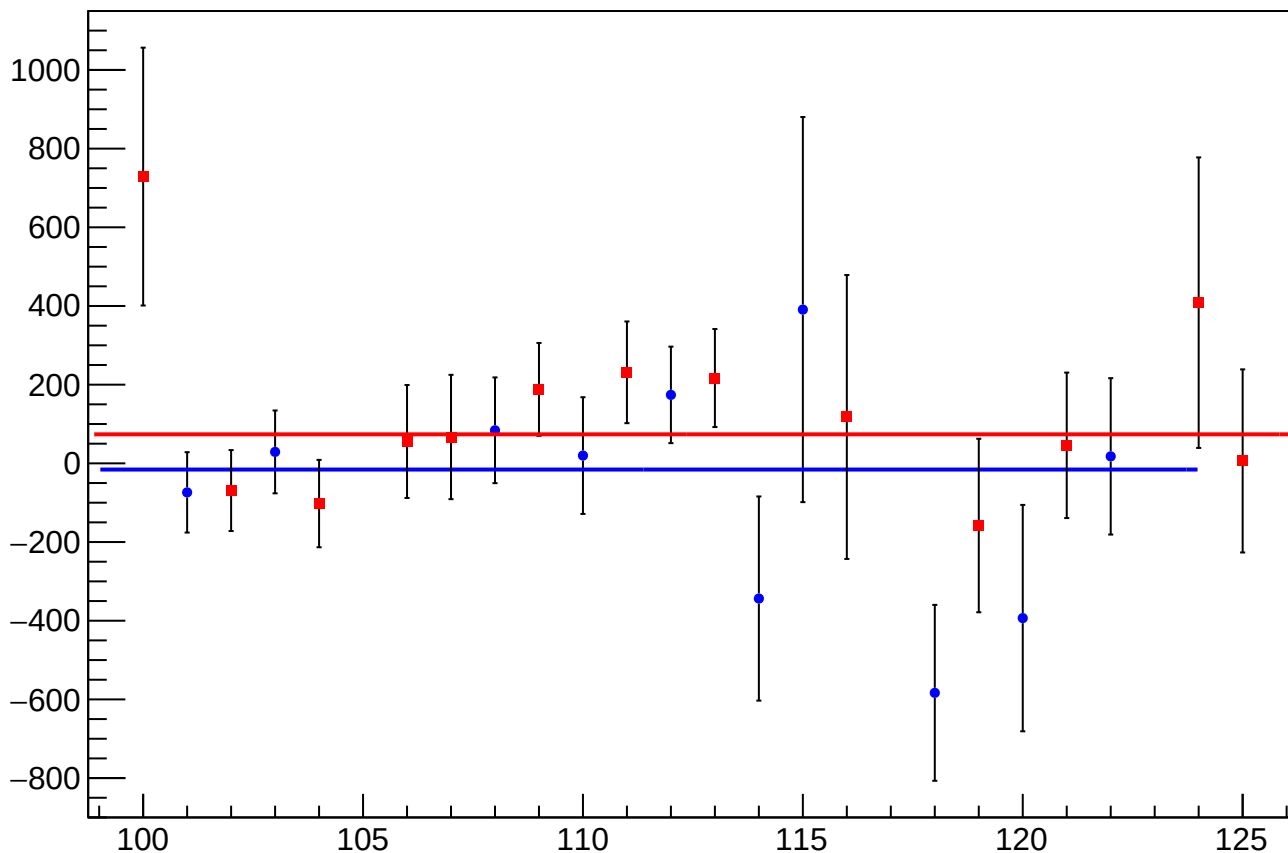
Right: 634.670+/-0.159 χ^2/NDF : 2012654.9/22

In: 645.786+/-0.239 χ^2/NDF : 879150.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 634.670+/-0.159 χ^2/NDF : 2012654.9/22

eigen_cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: -15.733 ± 48.236 $\chi^2/\text{NDF}: 14.0/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 73.757 ± 42.531 $\chi^2/\text{NDF}: 14.2/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

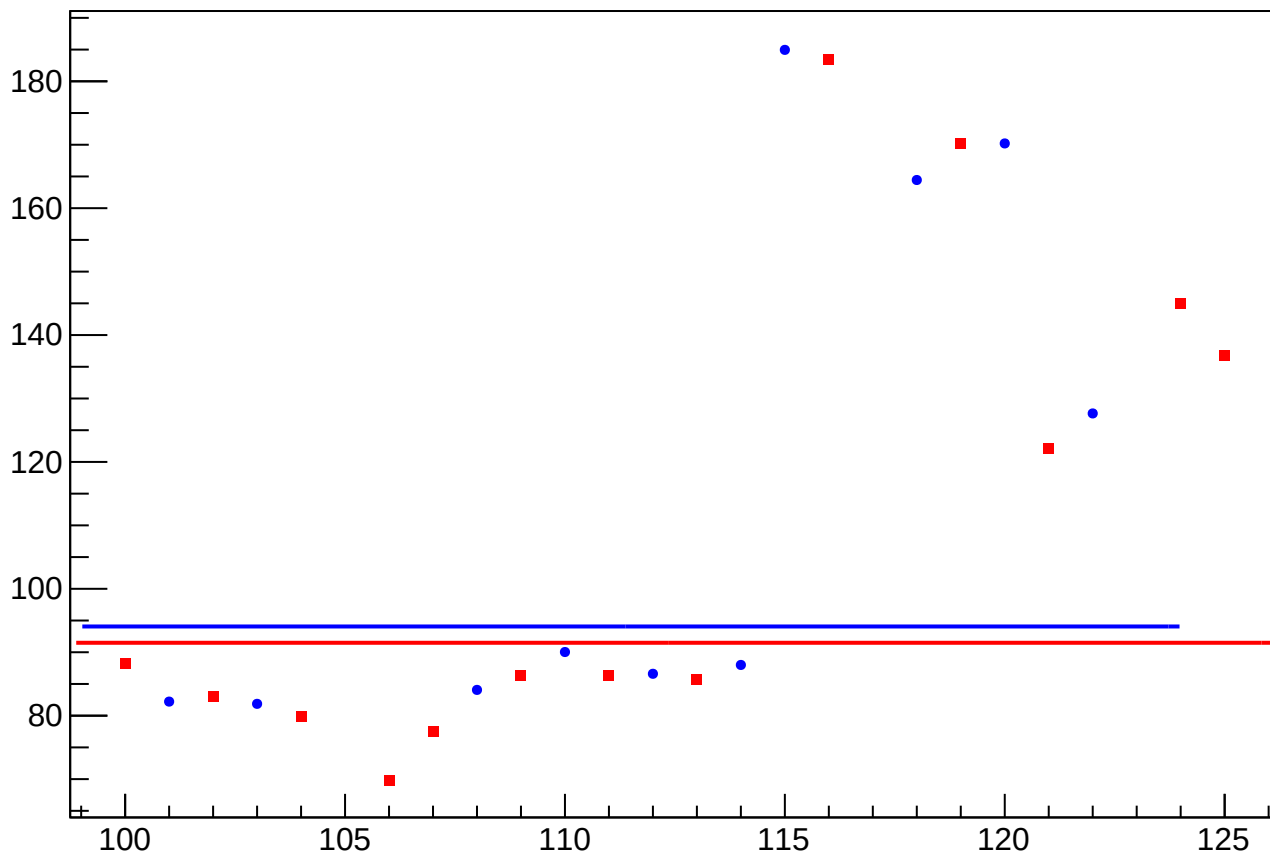
Right: 34.615 ± 31.901 $\chi^2/\text{NDF}: 30.2/22$

In: -15.733 ± 48.236 $\chi^2/\text{NDF}: 14.0/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 34.615 ± 31.901 $\chi^2/\text{NDF}: 30.2/22$

eigen_cor_asym_sam5_rms vs Slug, Sign Corrected



Right In: 94.062 $\pm$ 0.034 χ^2 /NDF: 539100.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 91.492 $\pm$ 0.030 χ^2 /NDF: 664915.1/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

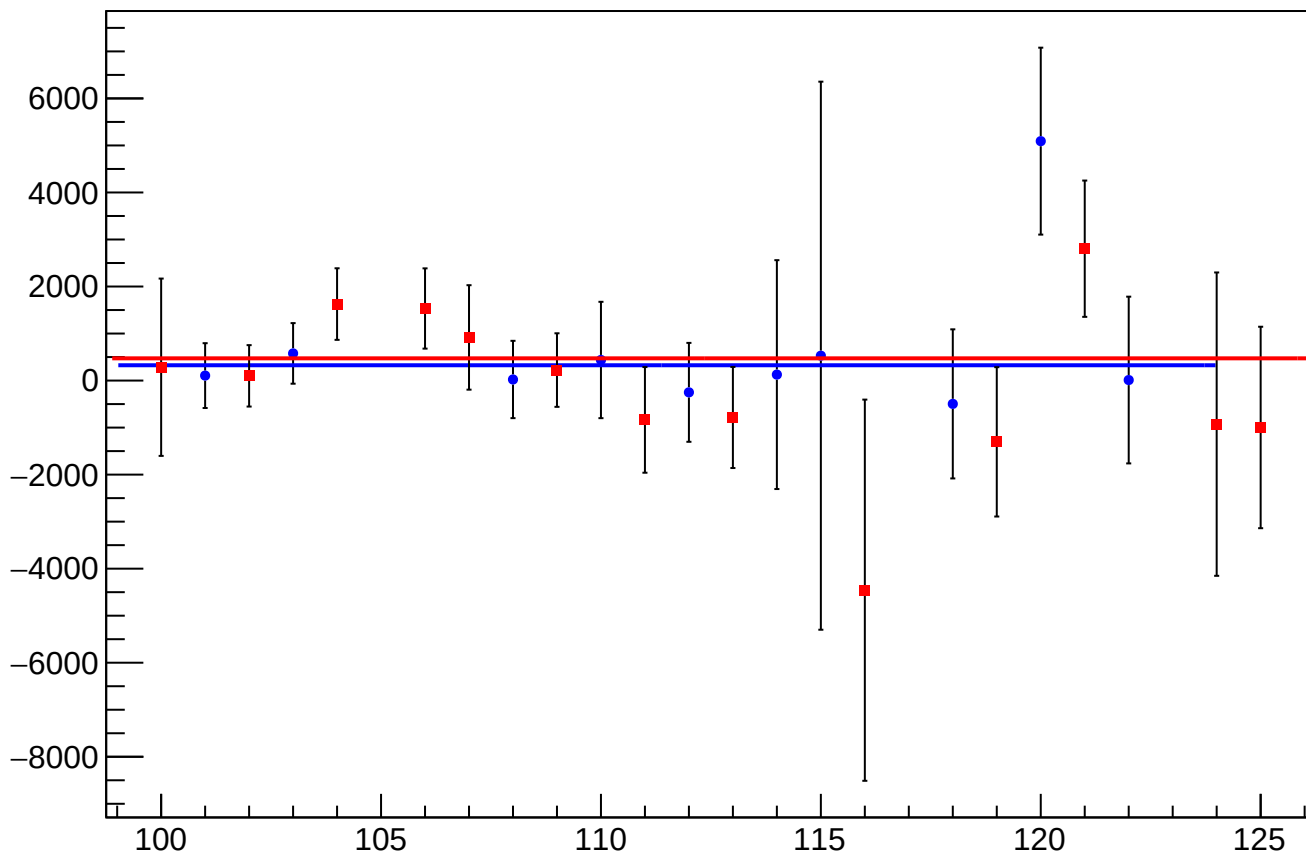
Right: 92.616 $\pm$ 0.023 χ^2 /NDF: 1207208.7/22

In: 94.062 $\pm$ 0.034 χ^2 /NDF:539100.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 92.616 $\pm$ 0.023 χ^2 /NDF: 1207208.7/22

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: 472.745+/-300.484 χ^2/NDF : 13.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

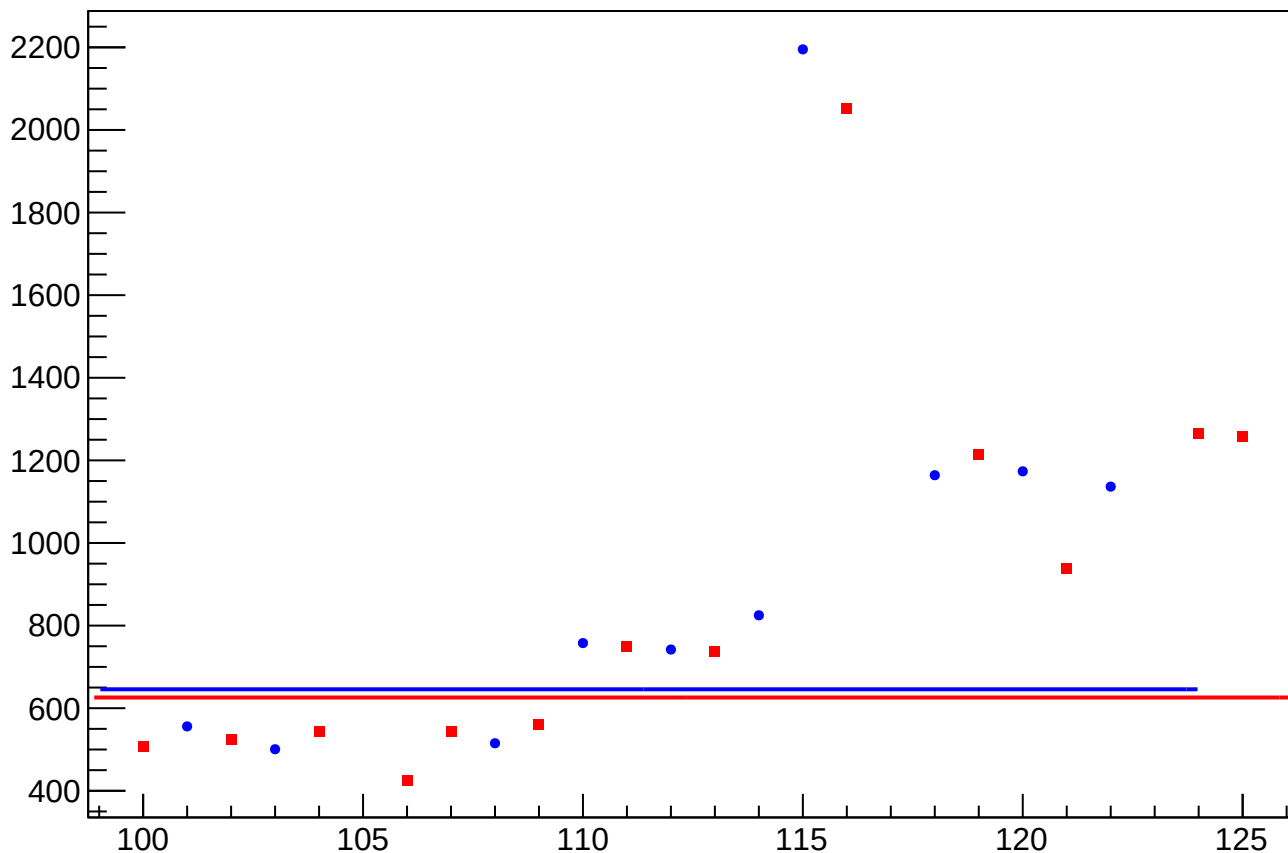
Right: 407.984+/-224.765 χ^2/NDF : 20.0/22

In: 325.721+/-338.663 χ^2/NDF : 6.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 407.984+/-224.765 χ^2/NDF : 20.0/22

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: 625.919+/-0.212 χ^2/NDF : 1129653.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

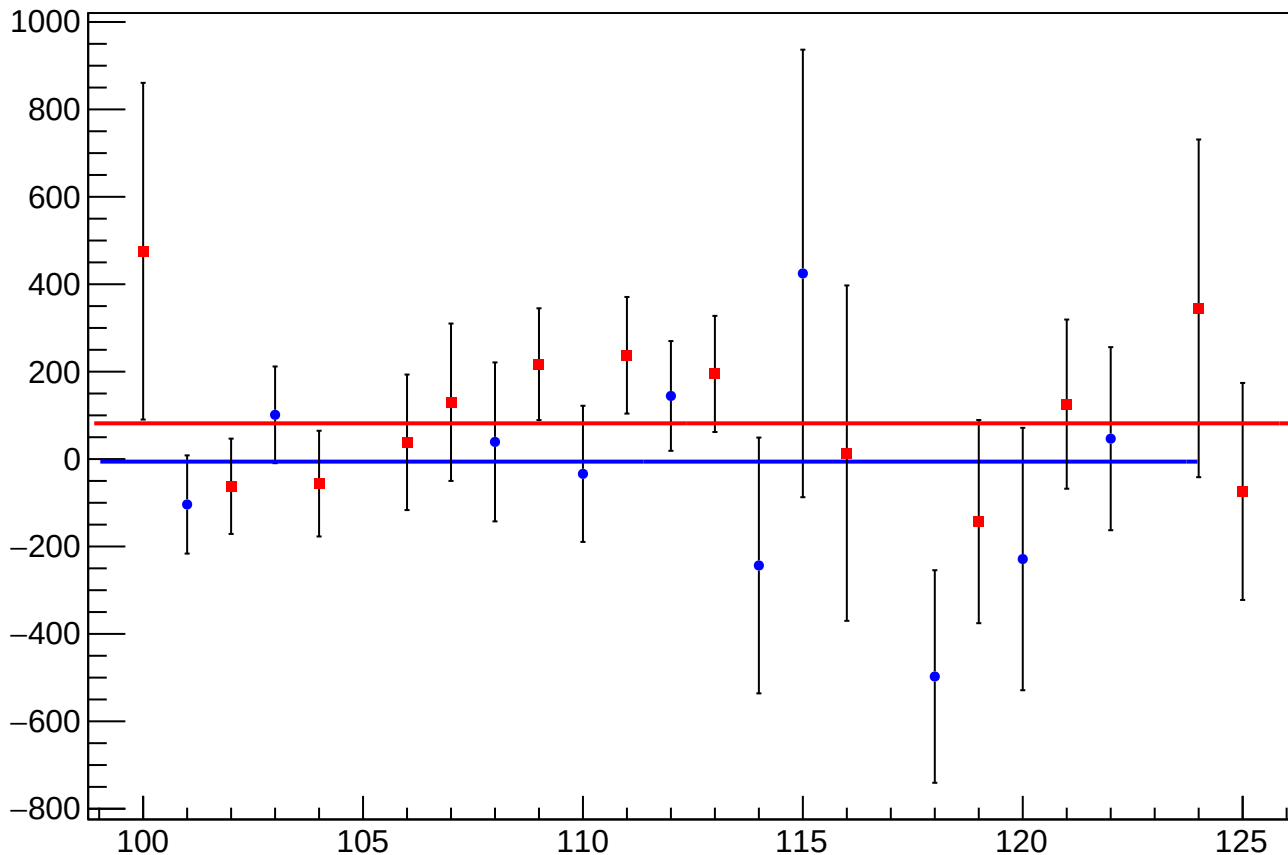
Right: 634.670+/-0.159 χ^2/NDF : 2012654.9/22

In: 645.786+/-0.239 χ^2/NDF : 879150.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 634.670+/-0.159 χ^2/NDF : 2012654.9/22

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: 81.783+/-45.613 χ^2/NDF : 9.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

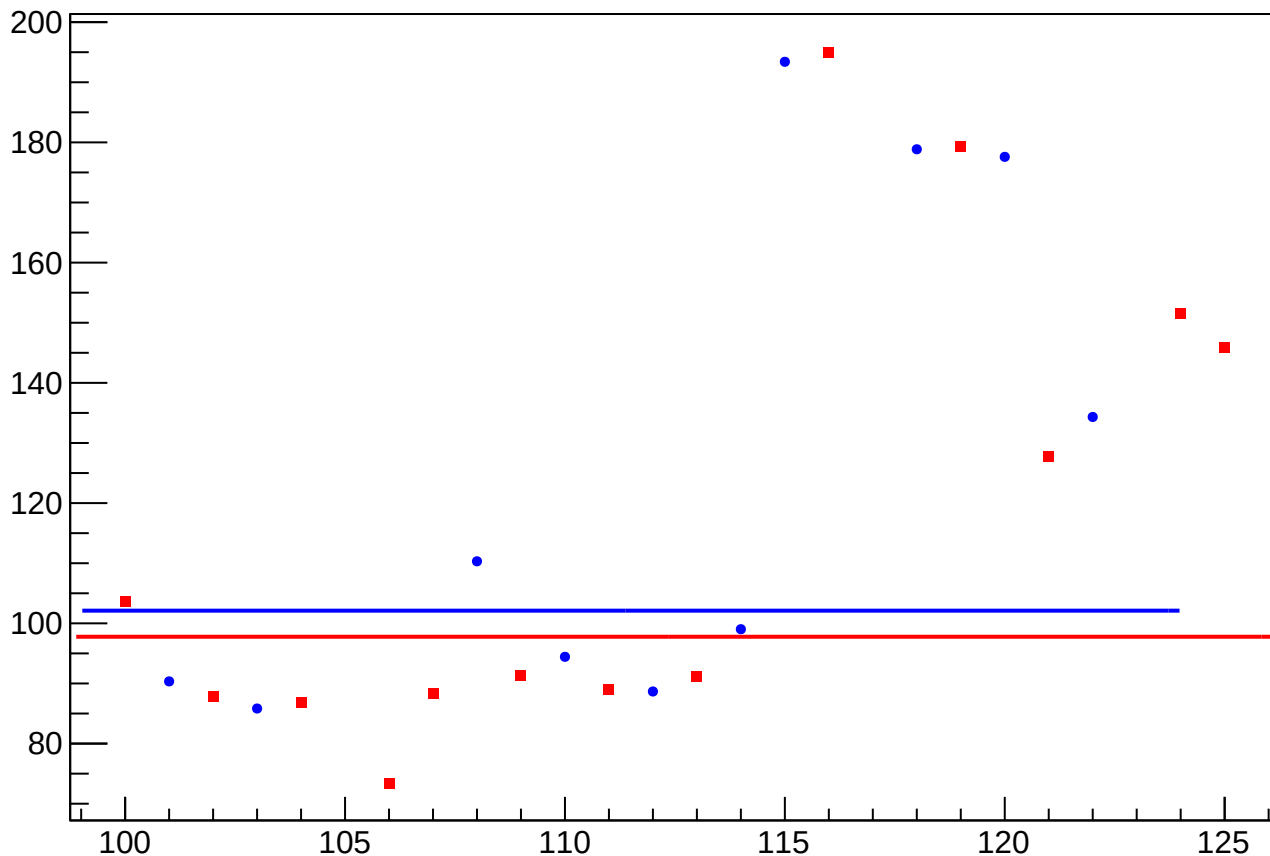
Right: 44.145+/-34.448 χ^2/NDF : 20.2/22

In: -5.820+/-52.554 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.145+/-34.448 χ^2/NDF : 20.2/22

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: 97.770+/-0.032 χ^2/NDF : 643224.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

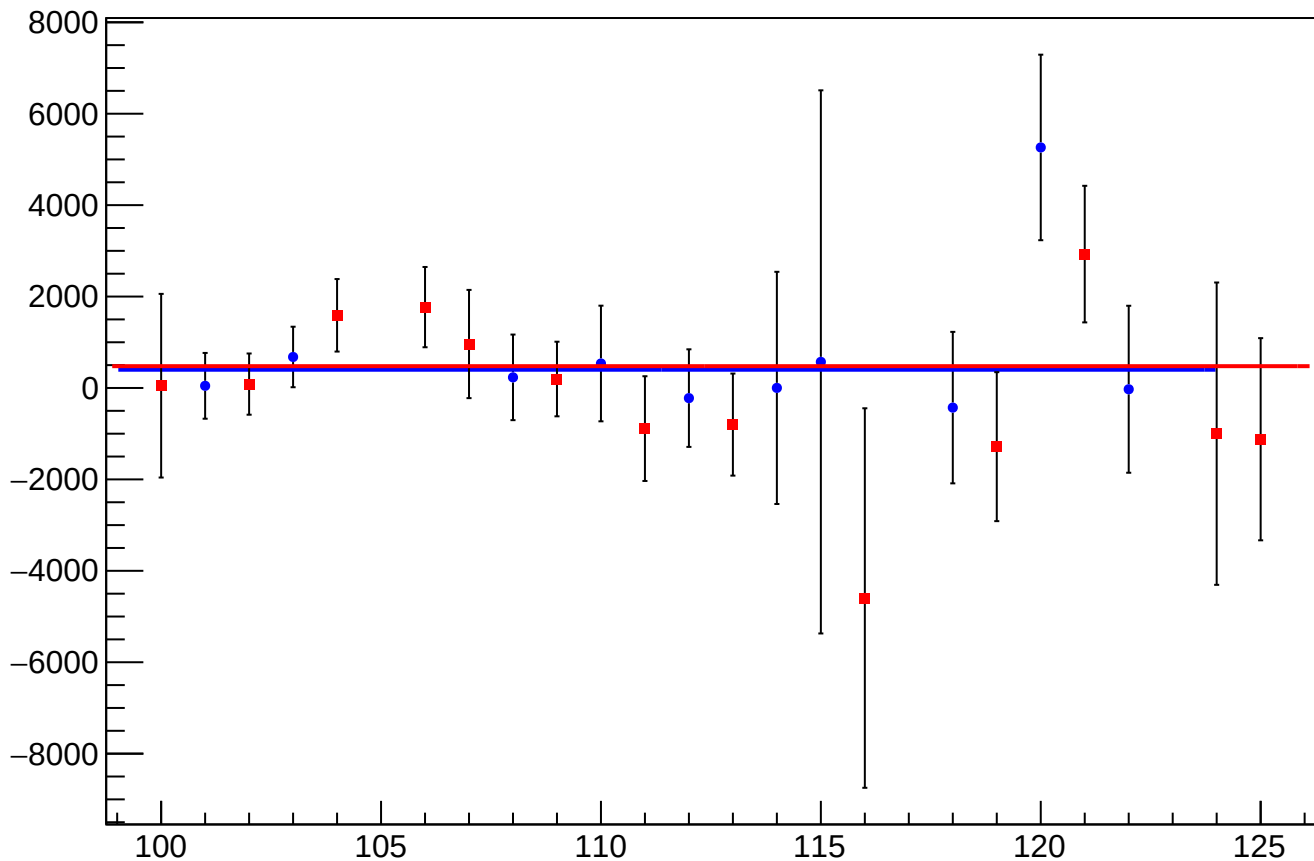
Right: 99.634+/-0.024 χ^2/NDF : 1184836.4/22

In: 102.109+/-0.037 χ^2/NDF :533833.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 99.634+/-0.024 χ^2/NDF : 1184836.4/22

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: 477.078+/-311.244 χ^2/NDF : 13.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

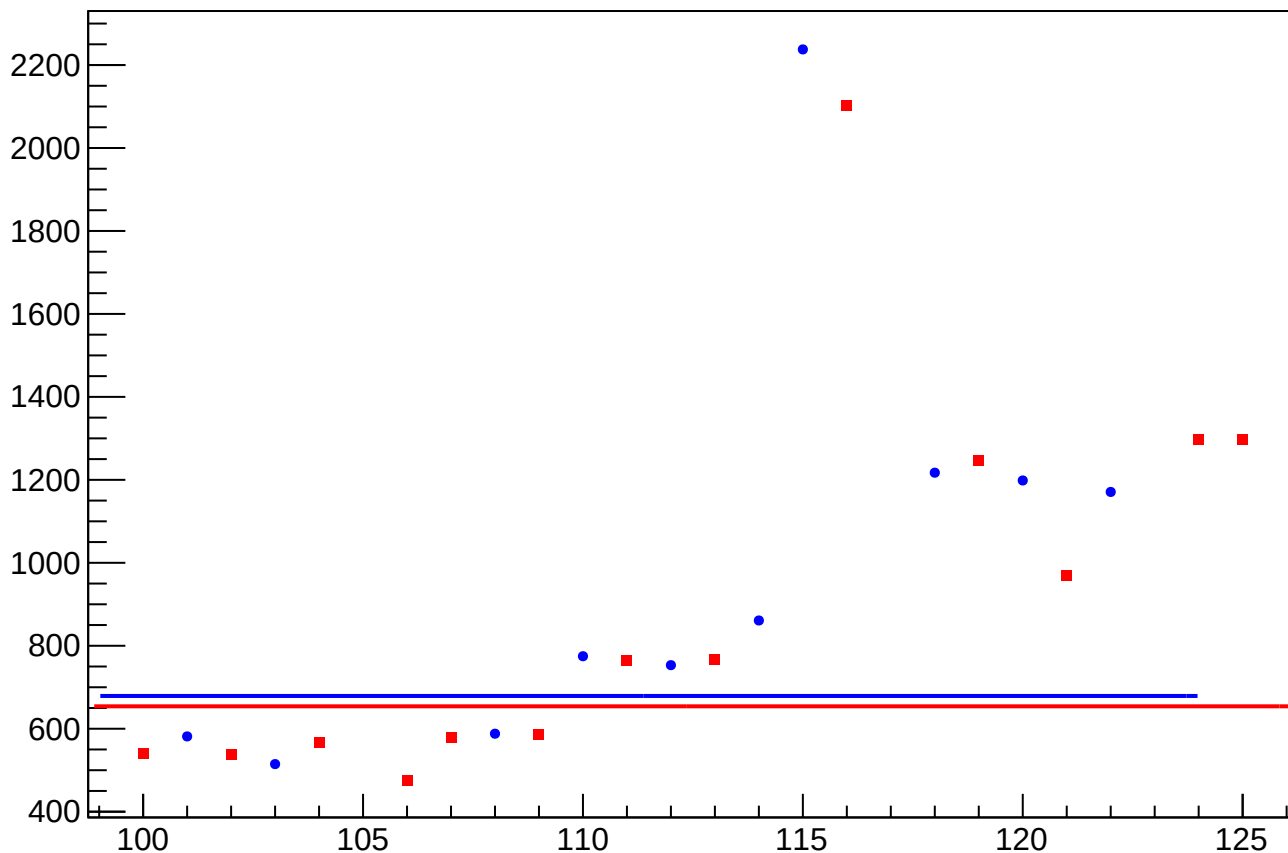
Right: 443.233+/-233.956 χ^2/NDF : 20.5/22

In: 399.269+/-354.731 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 443.233+/-233.956 χ^2/NDF : 20.5/22

asym_sam5_dit_correction_rms vs Slug, Sign Corrected



Right In: 679.008+/-0.251 χ^2/NDF : 834894.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 654.033+/-0.220 χ^2/NDF : 1077134.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

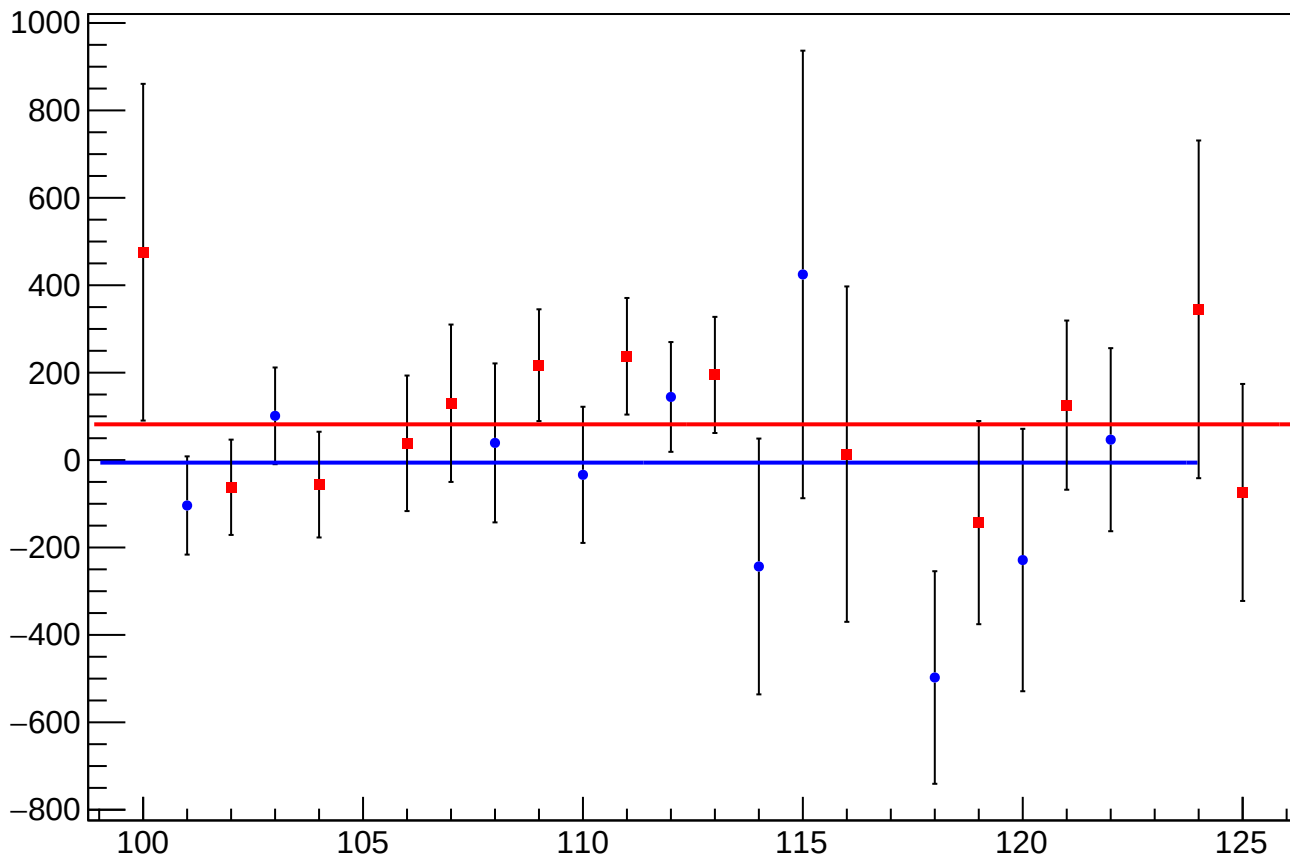
Right: 664.897+/-0.165 χ^2/NDF : 1917630.6/22

In: 679.008+/-0.251 χ^2/NDF :834894.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 664.897+/-0.165 χ^2/NDF : 1917630.6/22

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: 81.783+/-45.613 χ^2/NDF : 9.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

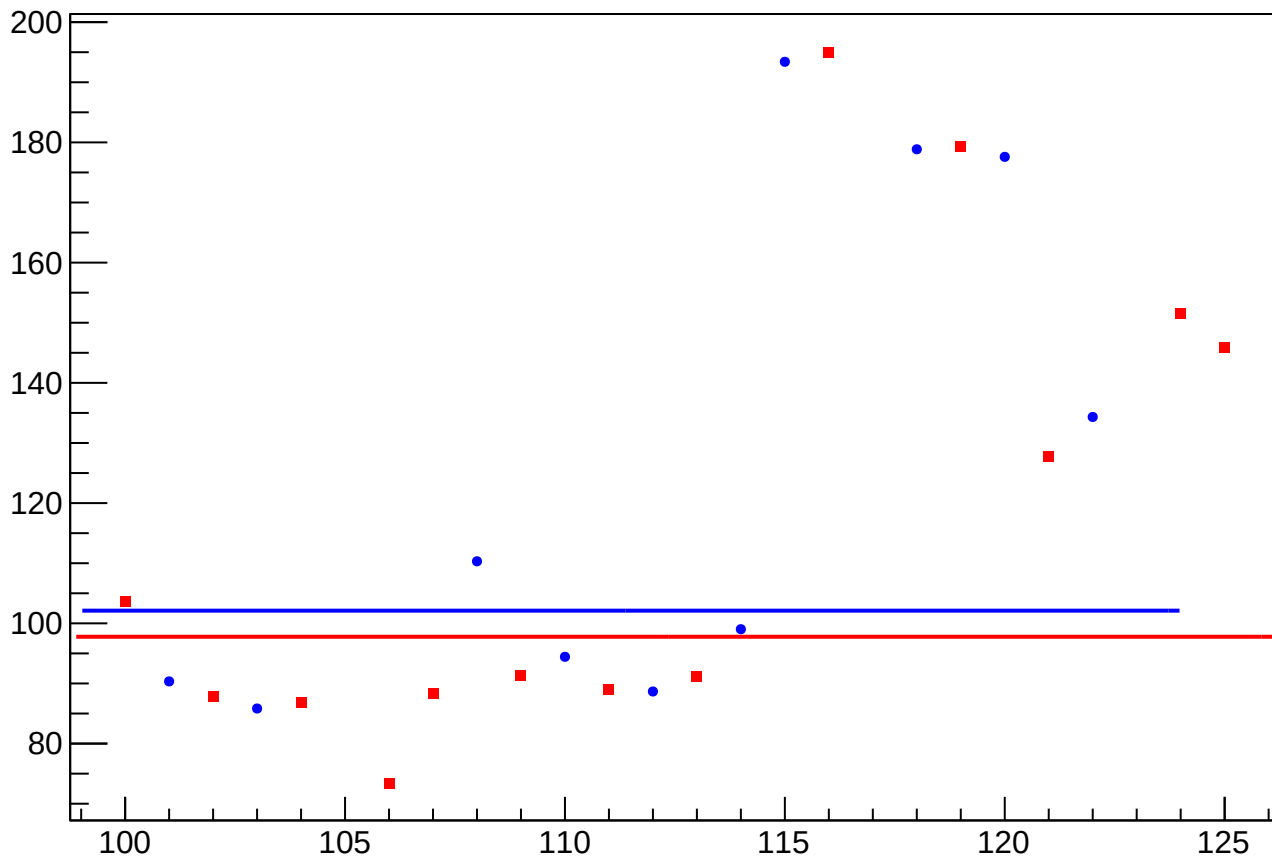
Right: 44.144+/-34.448 χ^2/NDF : 20.2/22

In: -5.821+/-52.554 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.144+/-34.448 χ^2/NDF : 20.2/22

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: 97.770+/-0.032 χ^2/NDF : 643222.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

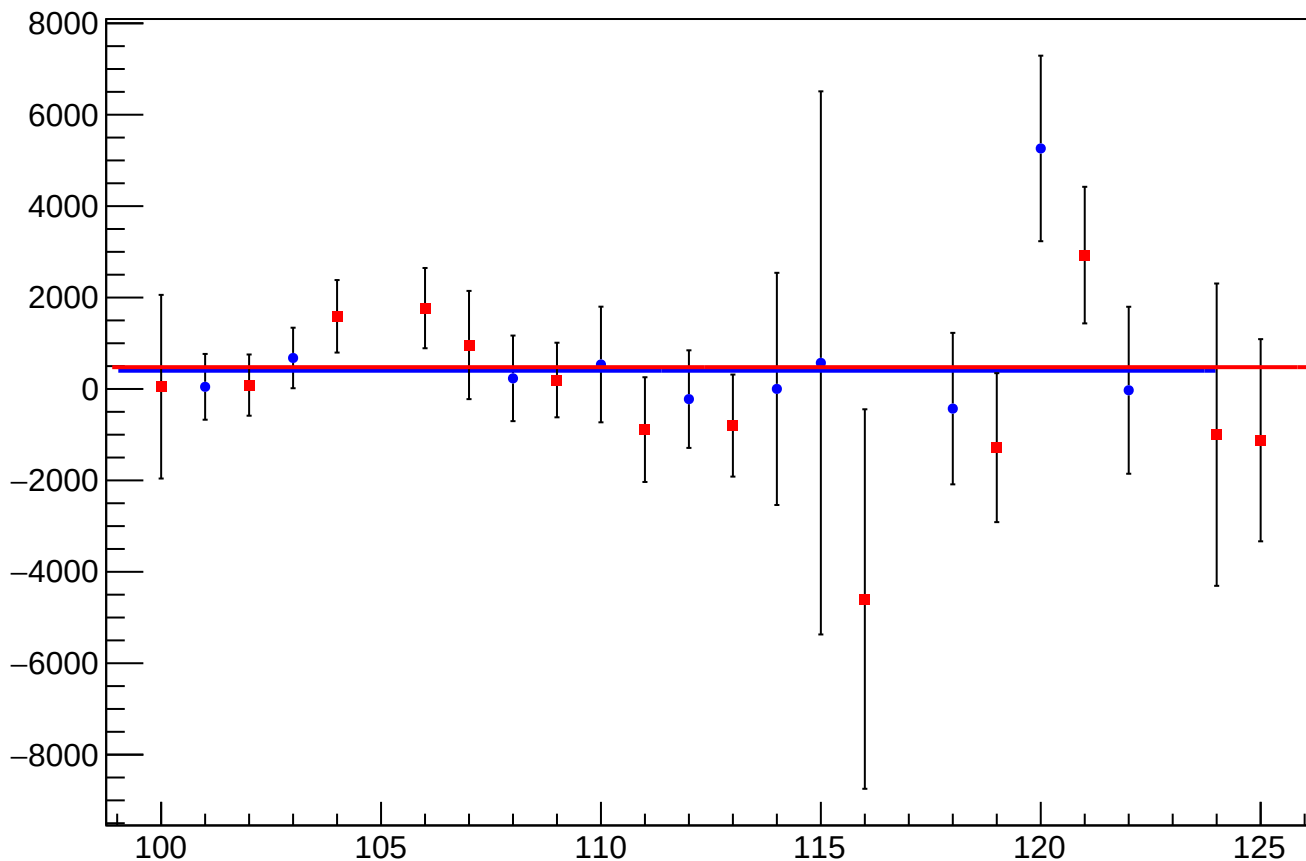
Right: 99.634+/-0.024 χ^2/NDF : 1184834.2/22

In: 102.109+/-0.037 χ^2/NDF :533834.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 99.634+/-0.024 χ^2/NDF : 1184834.2/22

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: 477.078+/-311.244 χ^2/NDF : 13.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

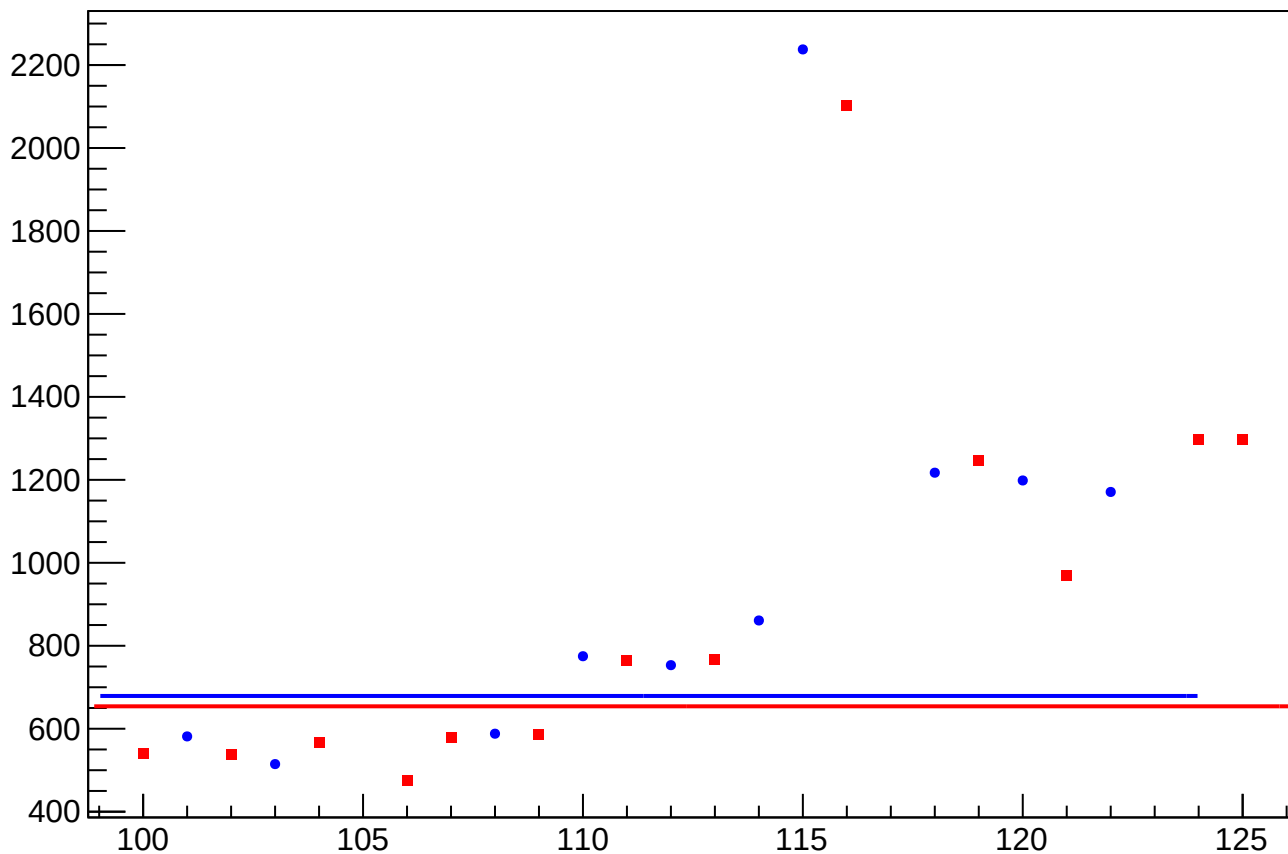
Right: 443.232+/-233.955 χ^2/NDF : 20.5/22

In: 399.269+/-354.731 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 443.232+/-233.955 χ^2/NDF : 20.5/22

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: 654.033+/-0.220 χ^2/NDF : 1077131.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

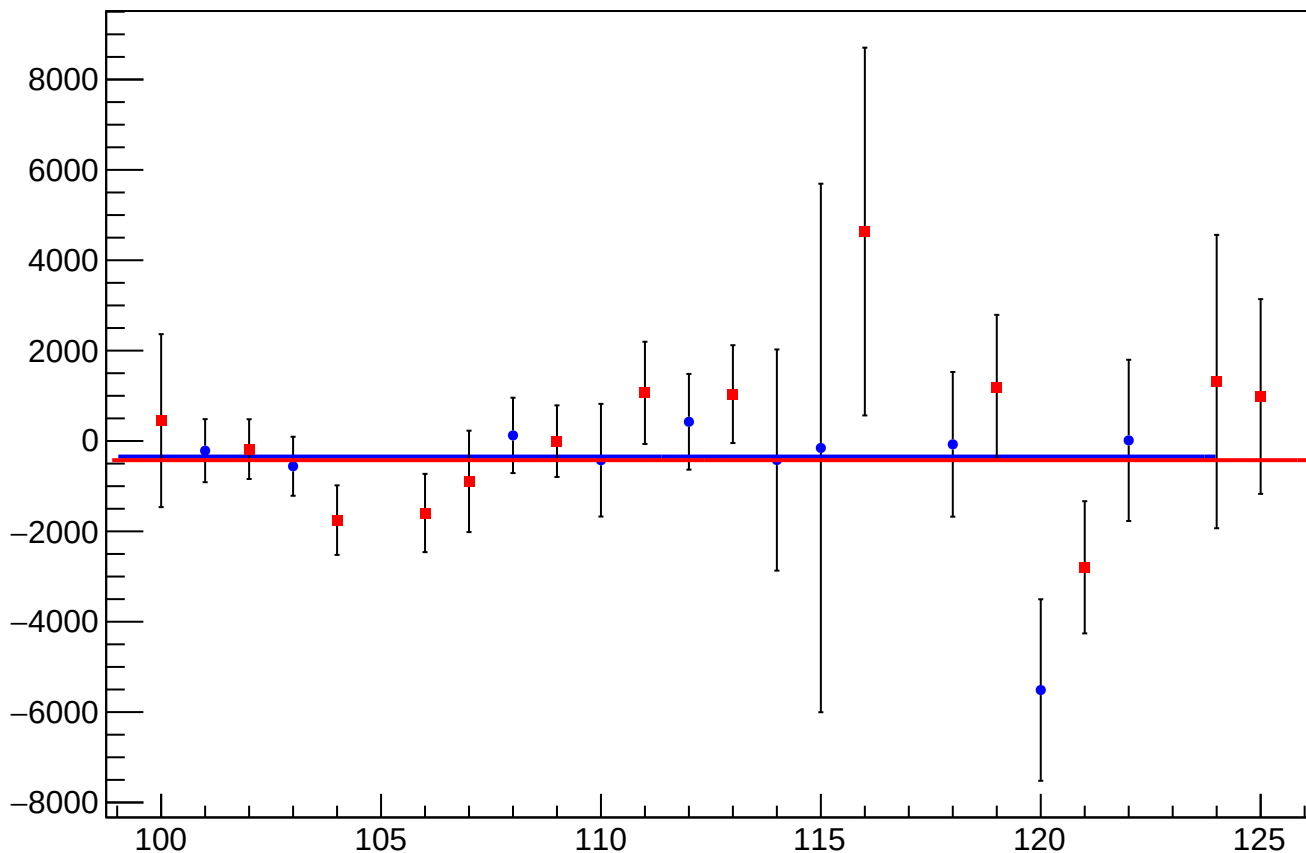
Right: 664.896+/-0.165 χ^2/NDF : 1917627.7/22

In: 679.008+/-0.251 χ^2/NDF : 834894.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 664.896+/-0.165 χ^2/NDF : 1917627.7/22

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: -424.406+/-303.910 χ^2/NDF : 15.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

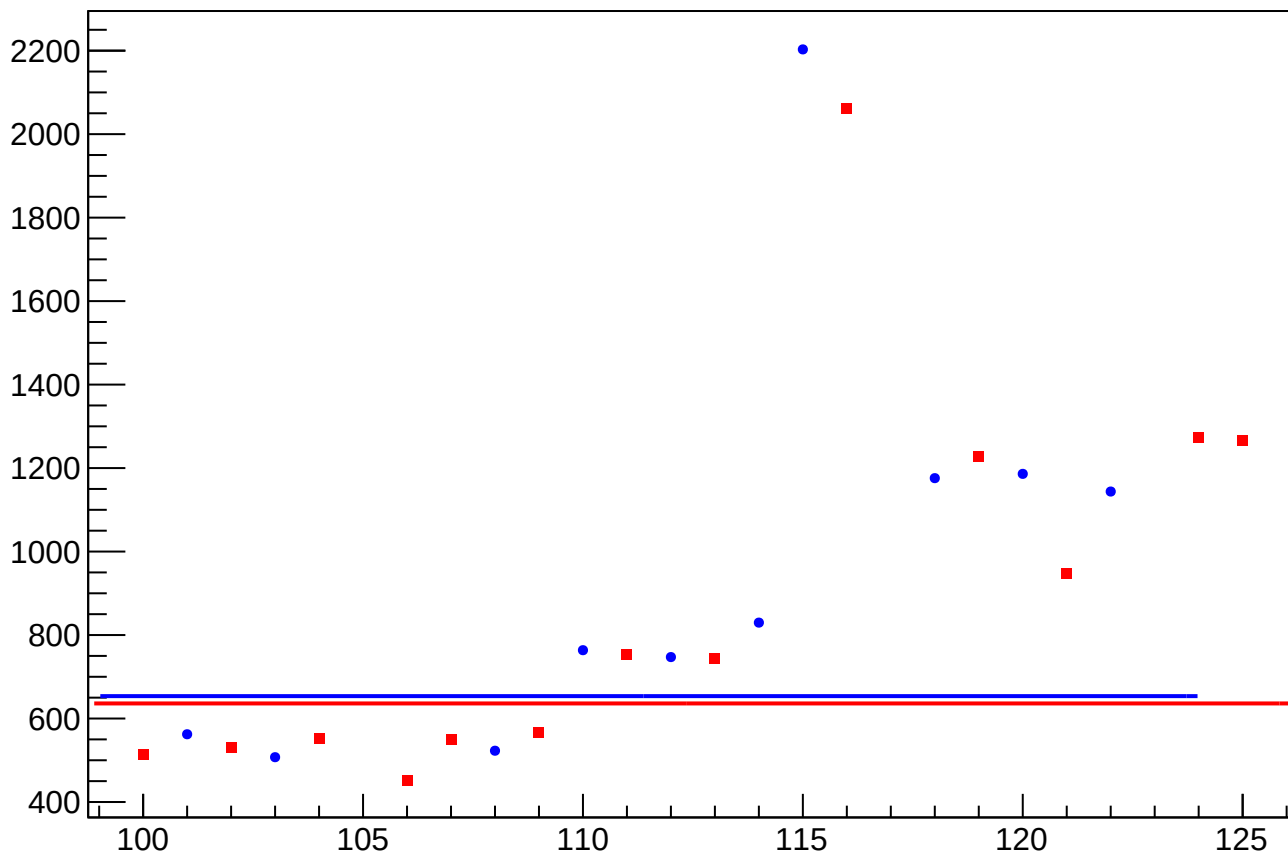
Right: -389.190+/-227.361 χ^2/NDF : 22.8/22

In: -344.426+/-342.638 χ^2/NDF : 7.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -389.190+/-227.361 χ^2/NDF : 22.8/22

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: 636.128+/-0.215 χ^2/NDF : 1097384.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

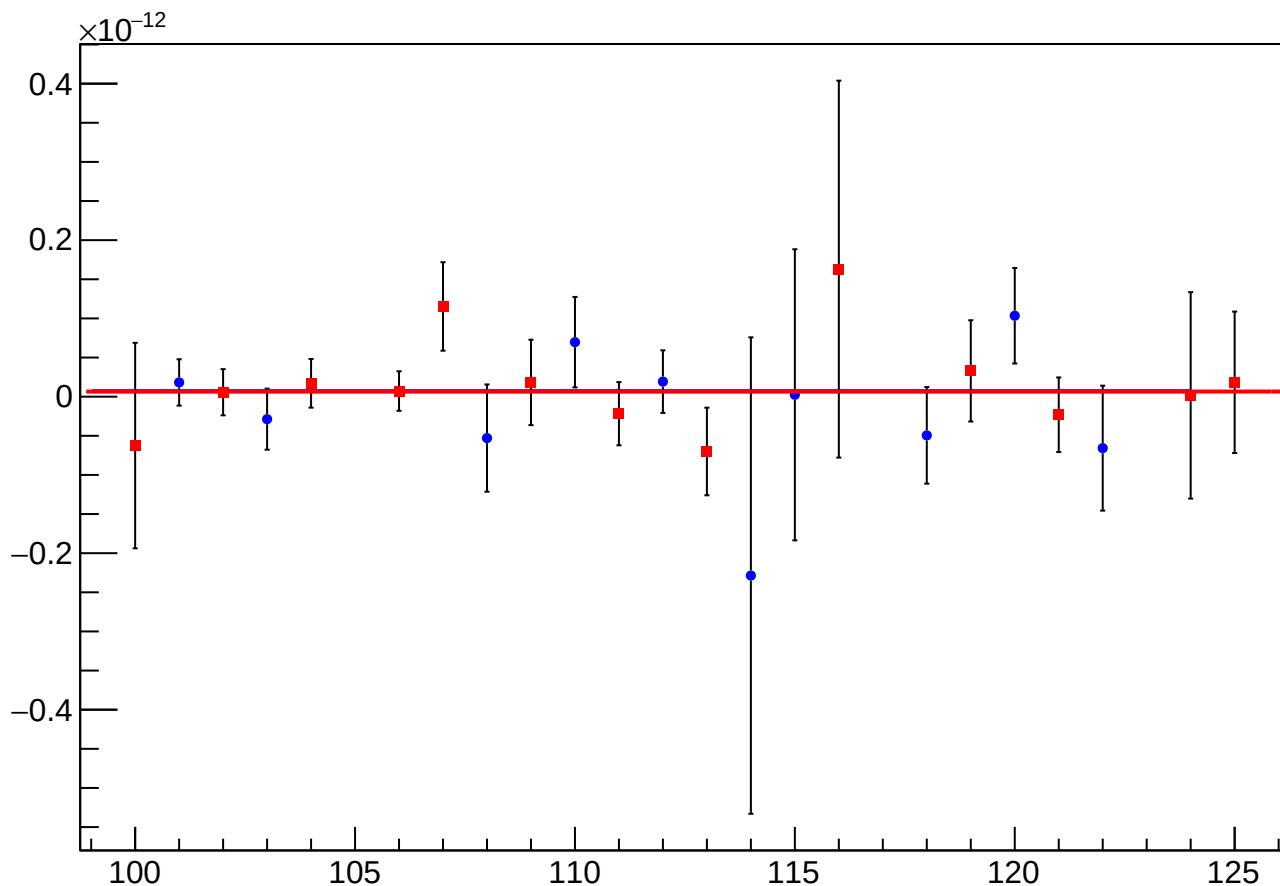
Right: 643.842+/-0.161 χ^2/NDF : 1970194.7/22

In: 653.647+/-0.242 χ^2/NDF : 869884.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 643.842+/-0.161 χ^2/NDF : 1970194.7/22

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 : 7.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

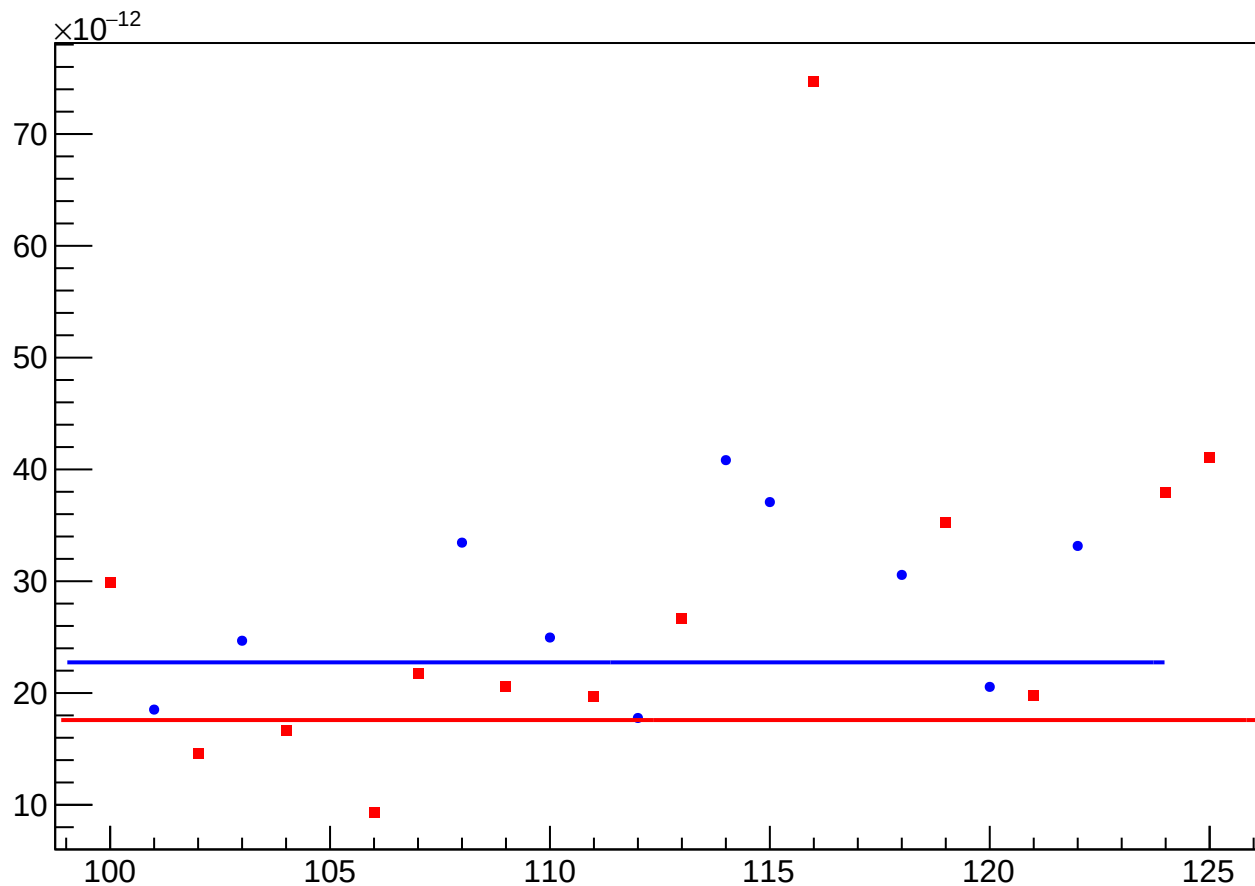
Right: 0.000+/-0.000 χ^2/NDF : 15.3/22

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 : 15.3/22

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 : 778587.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

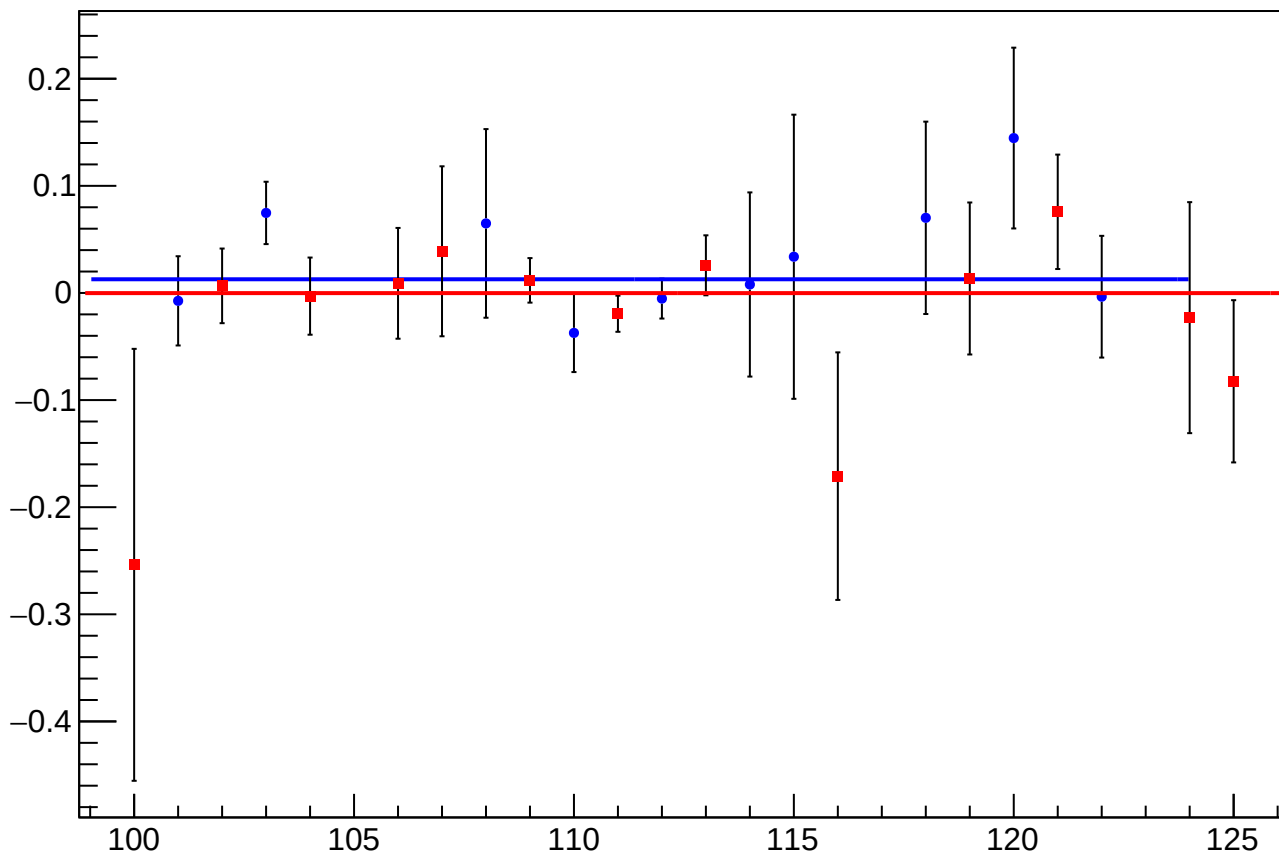
Right: 0.000+/-0.000 χ^2/NDF : 1117815.6/22

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 : 1117815.6/22

asym_sam5_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.013 χ^2 /NDF: 10.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.010 χ^2 /NDF: 9.9/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

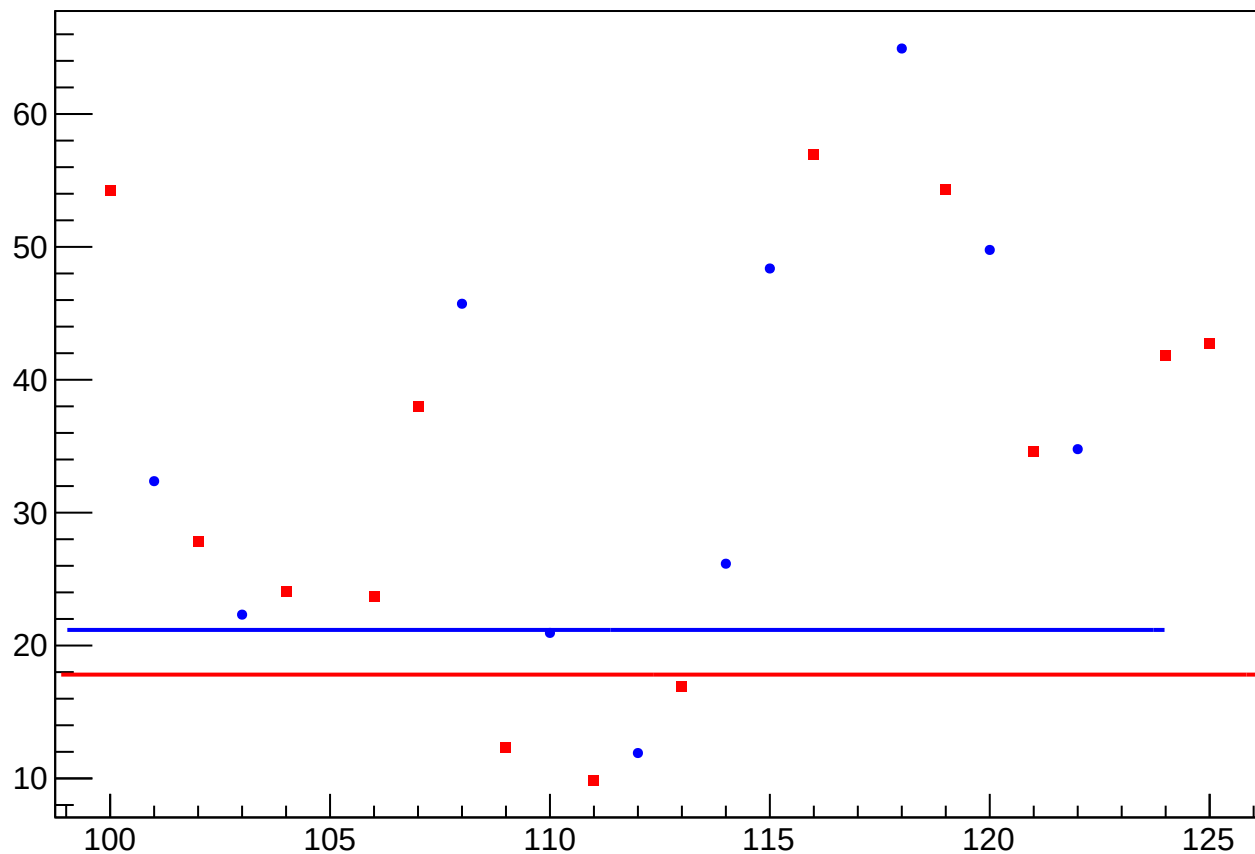
Right: 0.005 $\pm$ 0.008 χ^2 /NDF: 21.4/22

In: 0.013 $\pm$ 0.013 χ^2 /NDF:10.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.005 $\pm$ 0.008 χ^2 /NDF: 21.4/22

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: 17.812+/-0.007 χ^2/NDF : 2305990.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

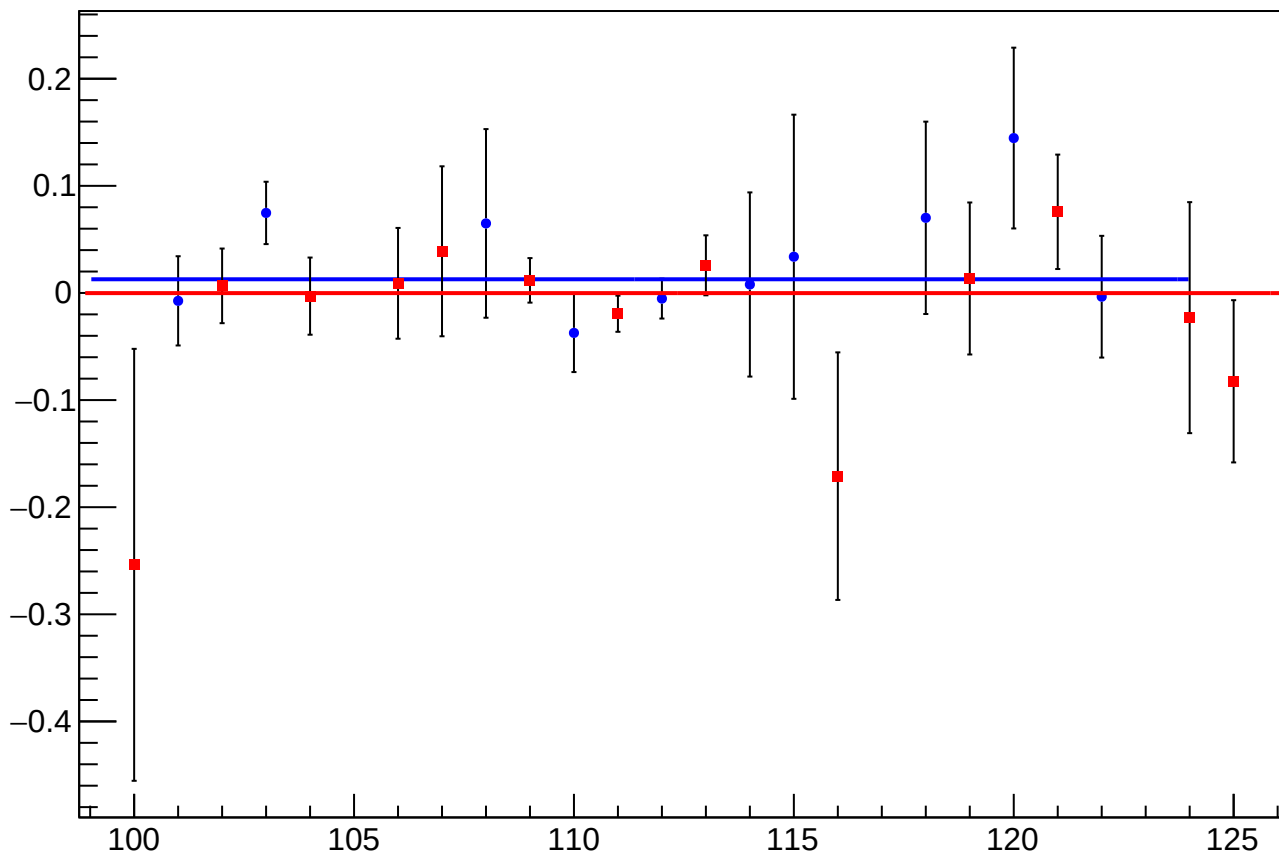
Right: 19.098+/-0.006 χ^2/NDF : 4101238.9/22

In: 21.175+/-0.009 χ^2/NDF : 1707521.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.098+/-0.006 χ^2/NDF : 4101238.9/22

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: -0.000+/-0.010 χ^2/NDF : 9.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

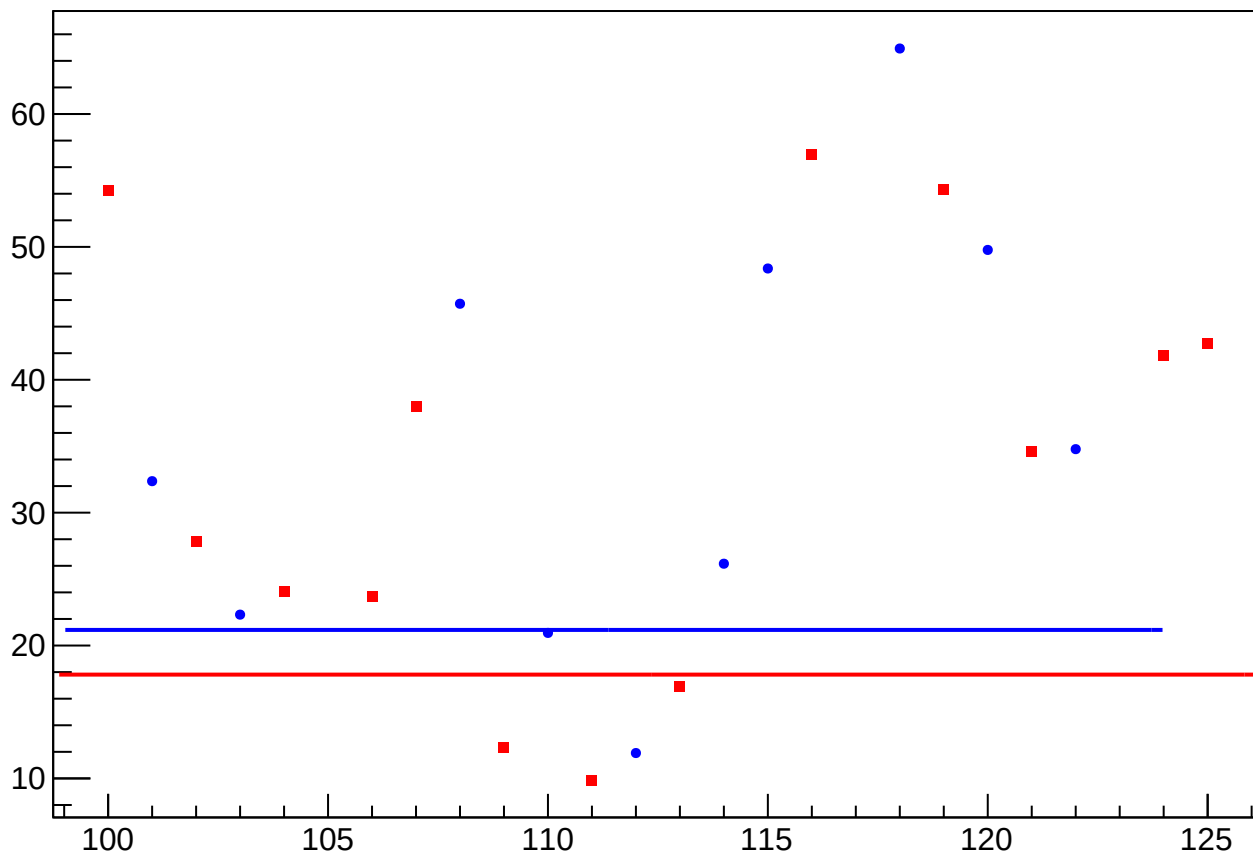
Right: 0.005+/-0.008 χ^2/NDF : 21.4/22

In: 0.013+/-0.013 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.008 χ^2/NDF : 21.4/22

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: 17.812+/-0.007 χ^2/NDF : 2305990.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

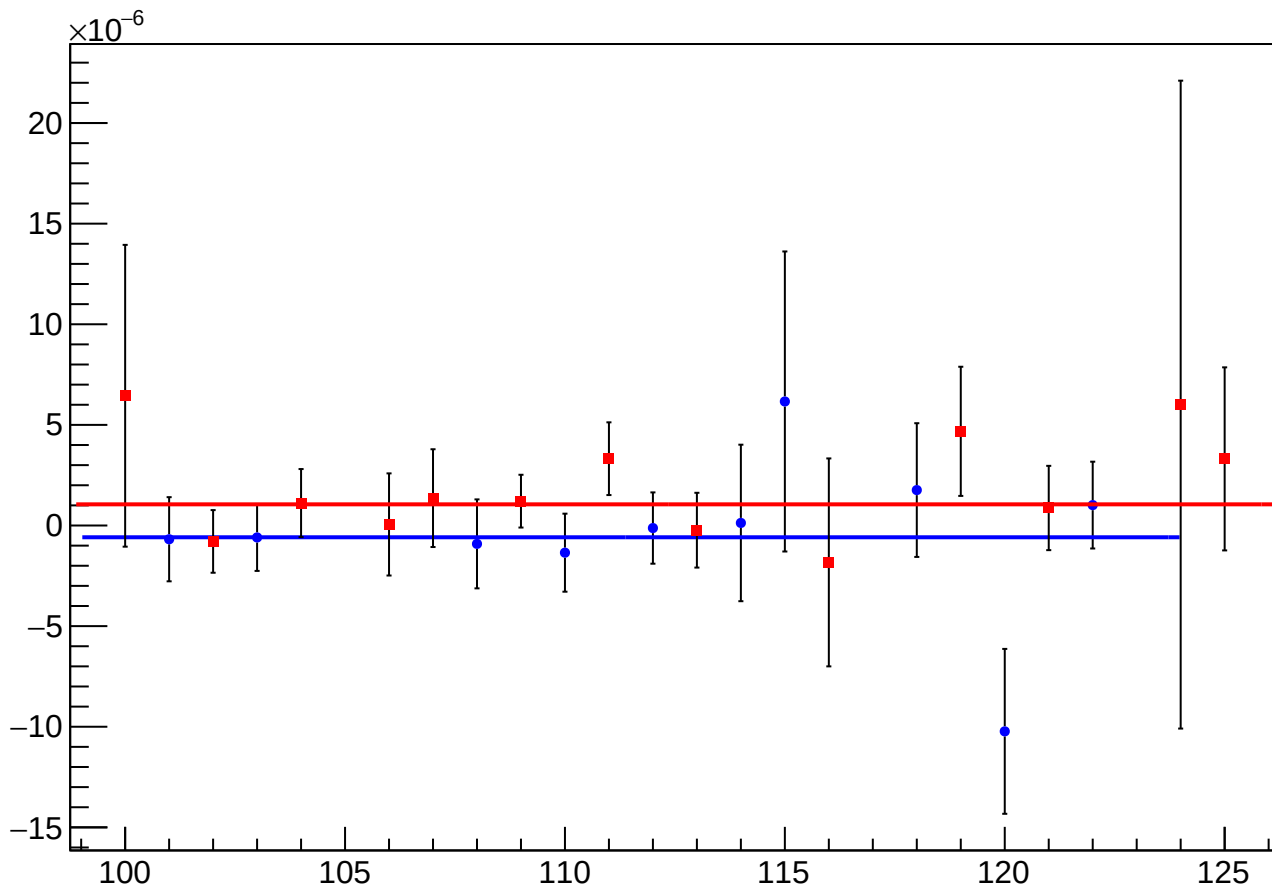
Right: 19.098+/-0.006 χ^2/NDF : 4101238.9/22

In: 21.175+/-0.009 χ^2/NDF : 1707521.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.098+/-0.006 χ^2/NDF : 4101238.9/22

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 : 6.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

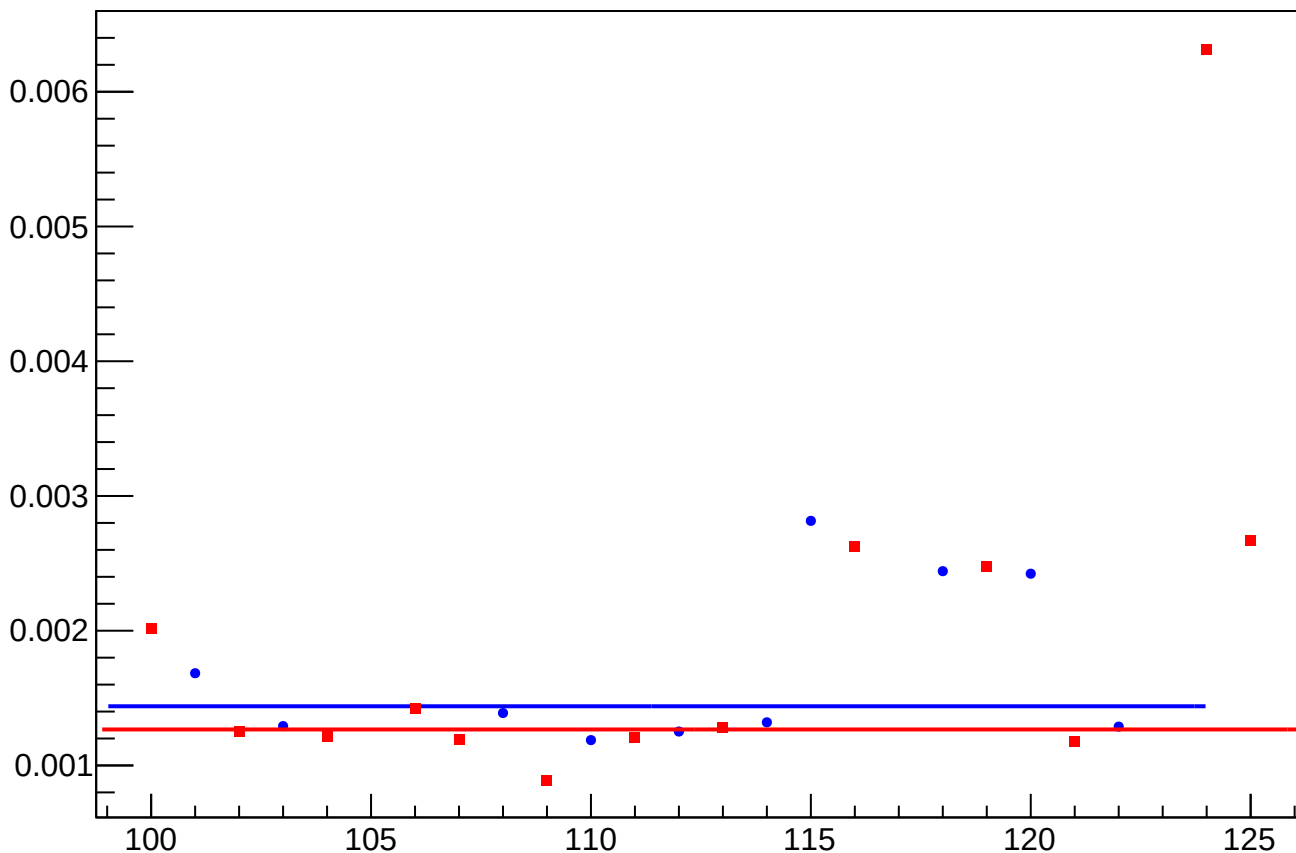
Right: 0.000+/-0.000 χ^2/NDF : 16.7/22

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 : 16.7/22

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 : 1014520.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

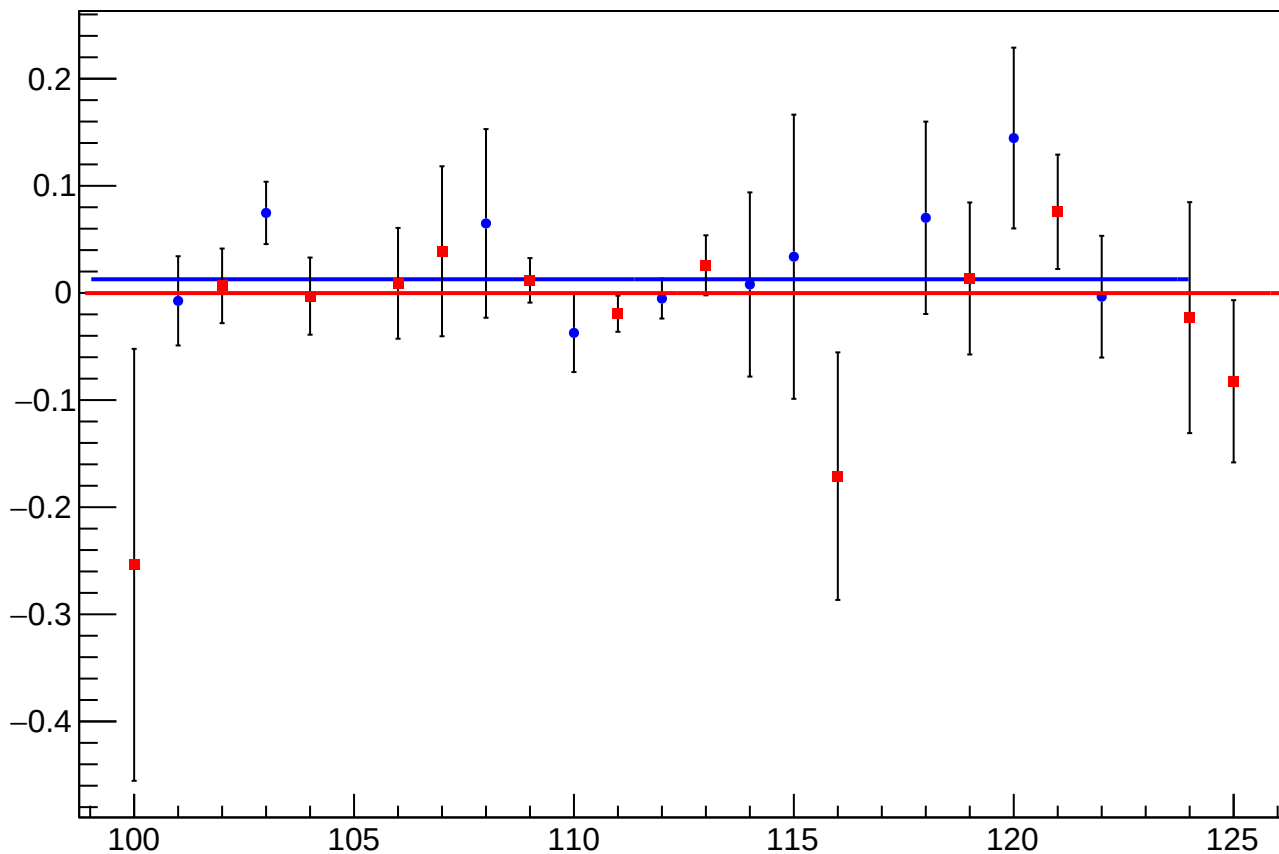
Right: 0.001+/-0.000 χ^2/NDF : 1556545.2/22

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 : 1556545.2/22

asym_sam5_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.013 χ^2 /NDF: 10.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.010 χ^2 /NDF: 9.9/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

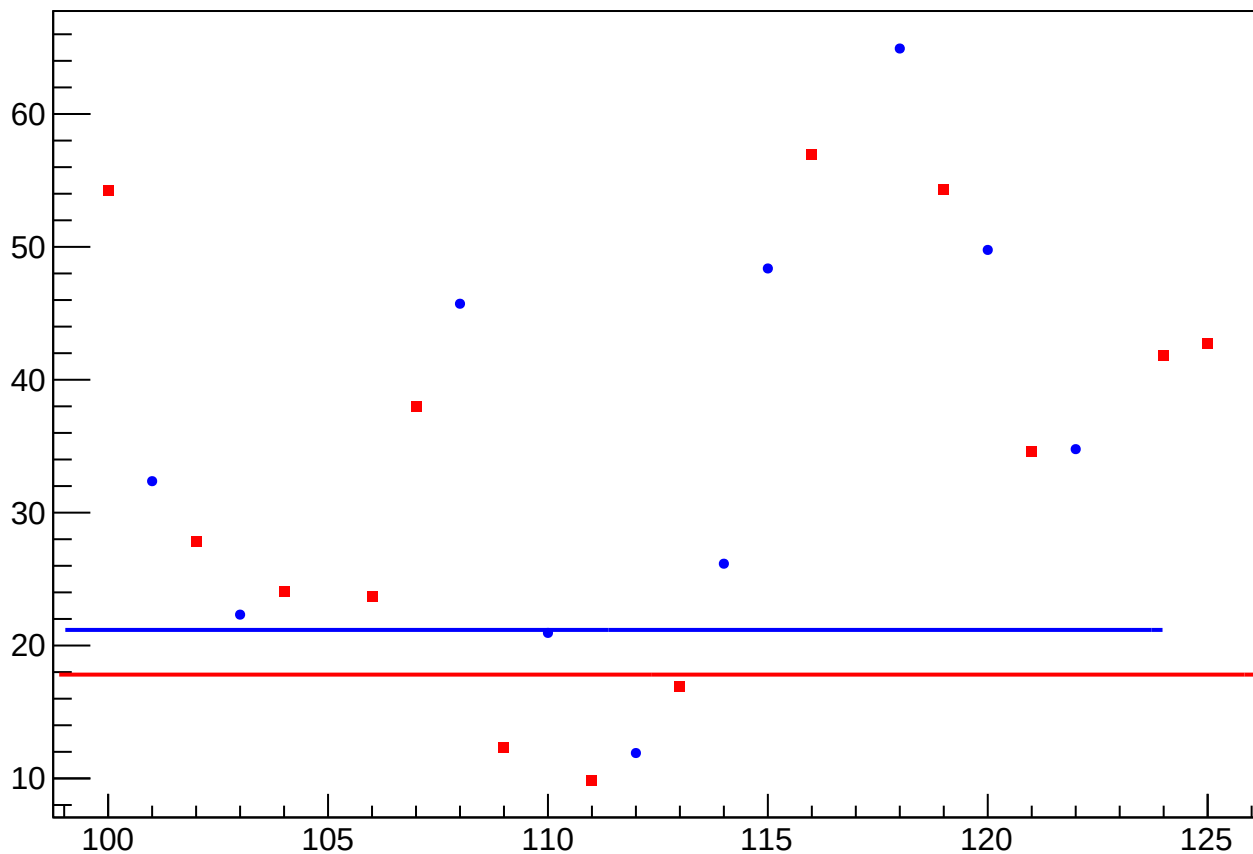
Right: 0.005 $\pm$ 0.008 χ^2 /NDF: 21.4/22

In: 0.013 $\pm$ 0.013 χ^2 /NDF:10.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.005 $\pm$ 0.008 χ^2 /NDF: 21.4/22

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: 17.812+/-0.007 χ^2/NDF : 2306010.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

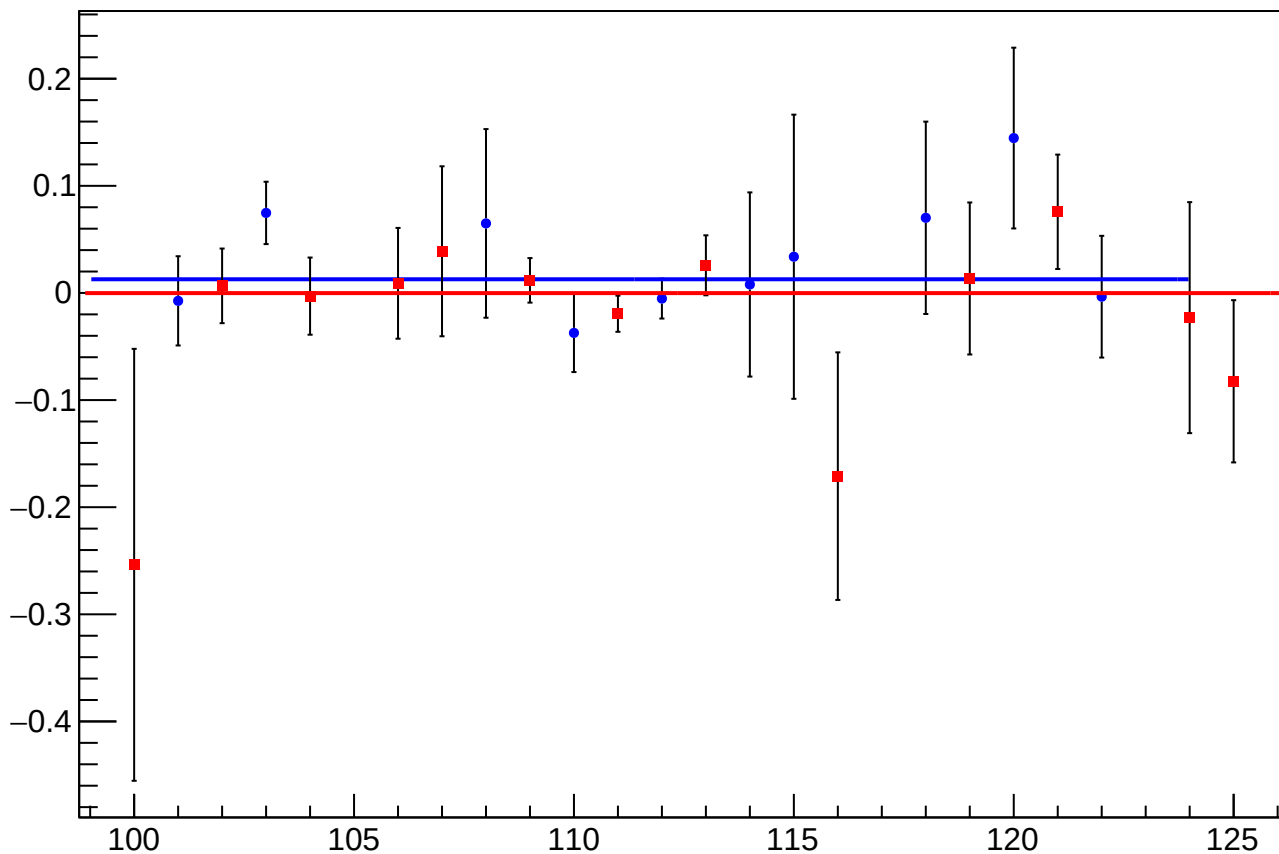
Right: 19.098+/-0.006 χ^2/NDF : 4101261.6/22

In: 21.175+/-0.009 χ^2/NDF : 1707514.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.098+/-0.006 χ^2/NDF : 4101261.6/22

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: -0.000+/-0.010 χ^2/NDF : 9.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

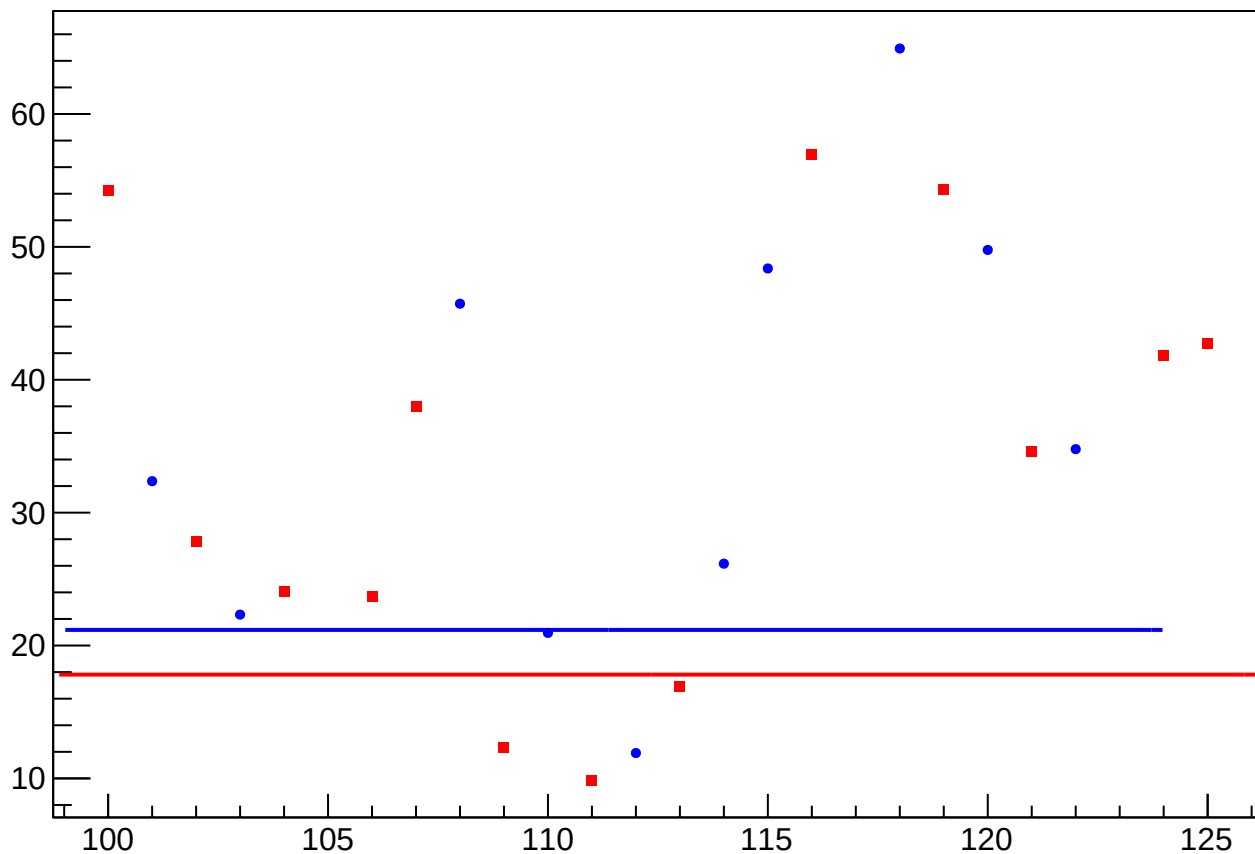
Right: 0.005+/-0.008 χ^2/NDF : 21.4/22

In: 0.013+/-0.013 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.008 χ^2/NDF : 21.4/22

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: 17.812+/-0.007 χ^2/NDF : 2306010.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

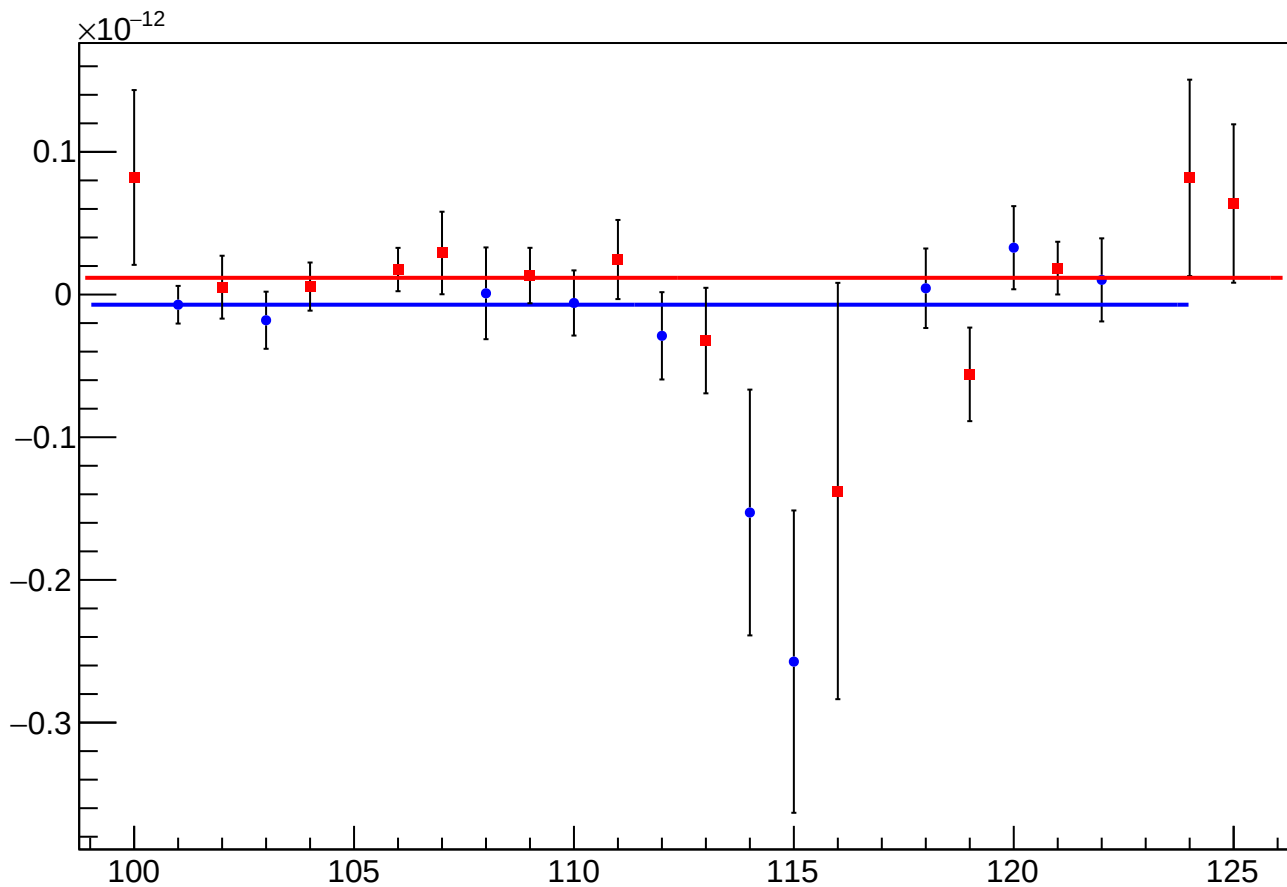
Right: 19.098+/-0.006 χ^2/NDF : 4101261.6/22

In: 21.175+/-0.009 χ^2/NDF : 1707514.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.098+/-0.006 χ^2/NDF : 4101261.6/22

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 : 11.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

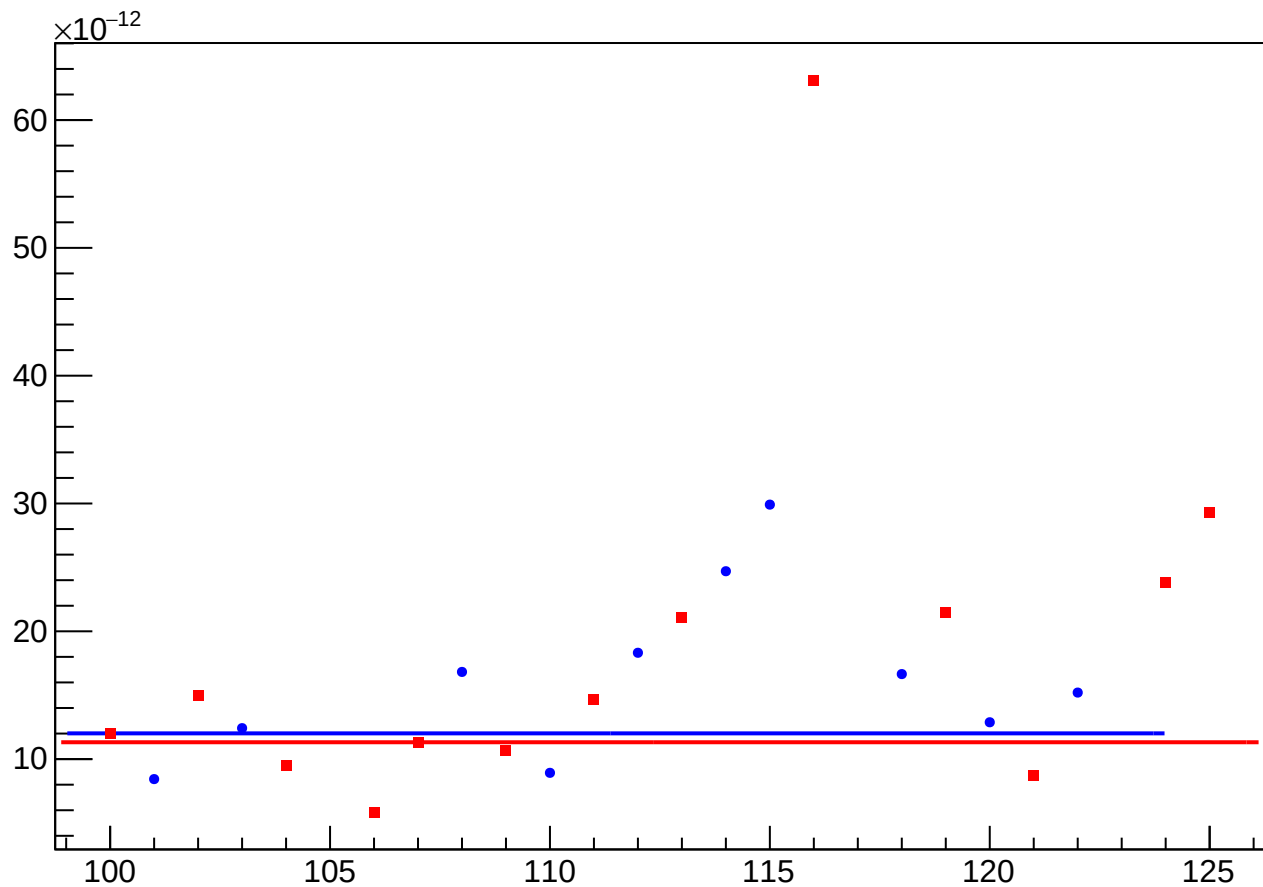
Right: 0.000+/-0.000 χ^2/NDF : 26.0/22

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 : 26.0/22

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 : 1269240.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

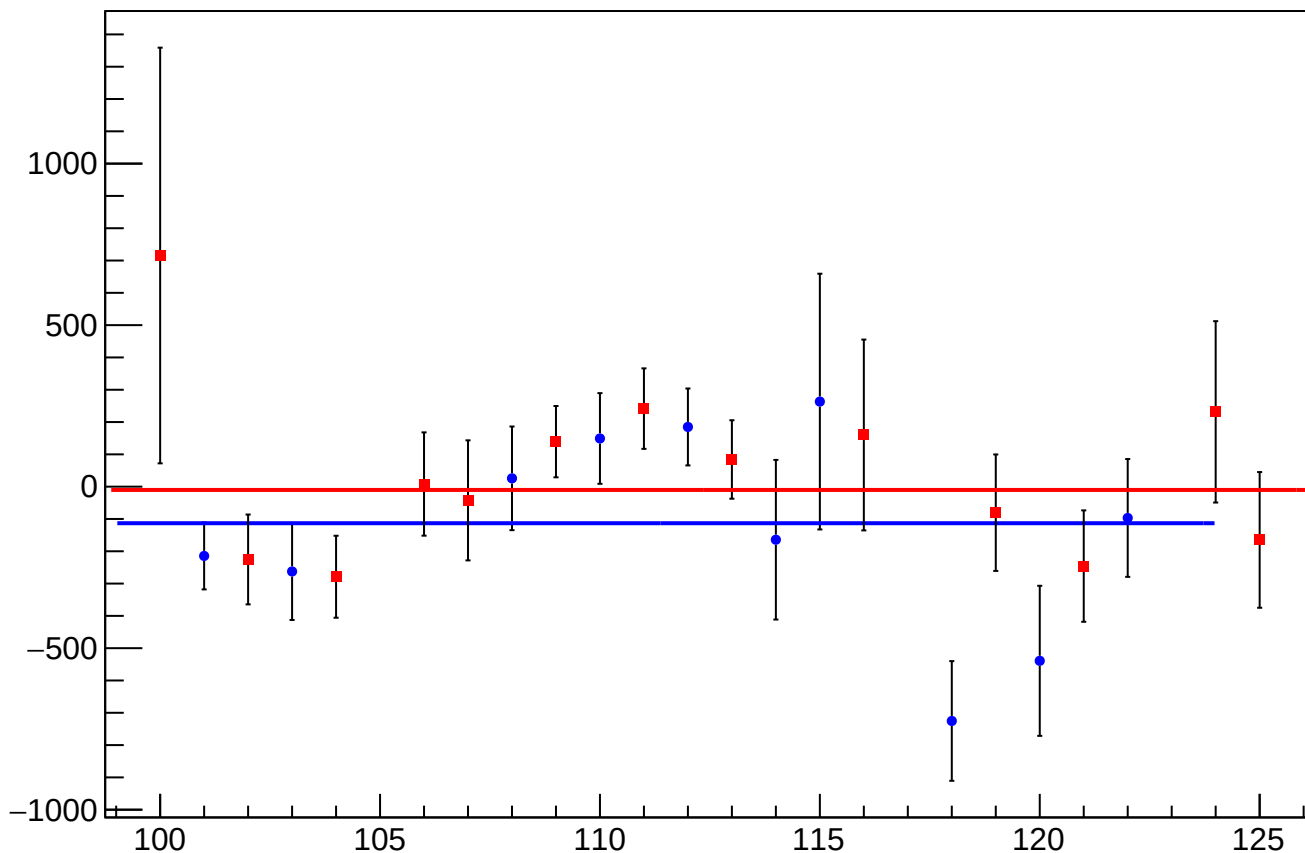
Right: 0.000+/-0.000 χ^2/NDF : 1773678.8/22

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 : 1773678.8/22

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: -10.150+/-44.288 χ^2/NDF : 18.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

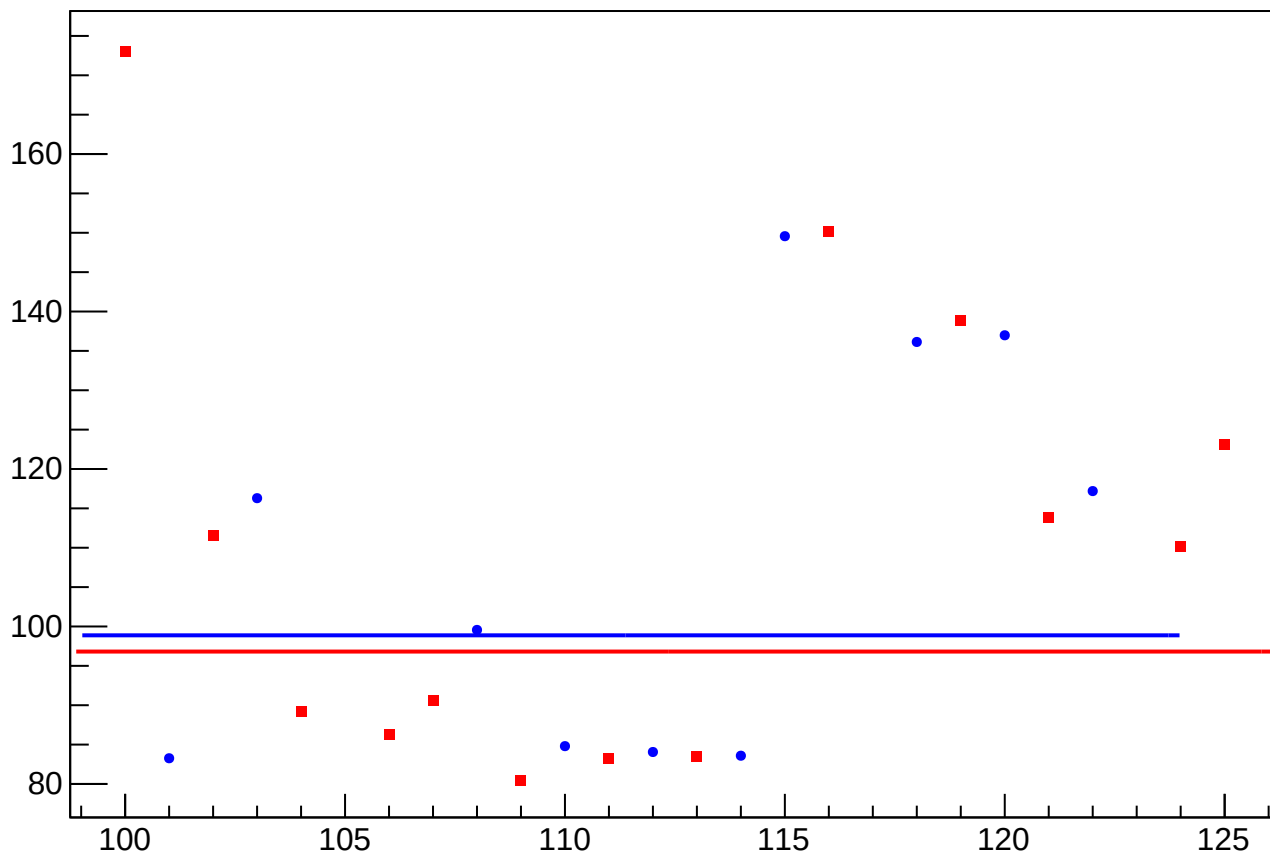
Right: -55.331+/-33.185 χ^2/NDF : 48.4/22

In: -113.176+/-50.111 χ^2/NDF : 27.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.331+/-33.185 χ^2/NDF : 48.4/22

reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 98.876 $\pm$ 0.035 χ^2 /NDF: 318848.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 96.815 $\pm$ 0.031 χ^2 /NDF: 389676.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

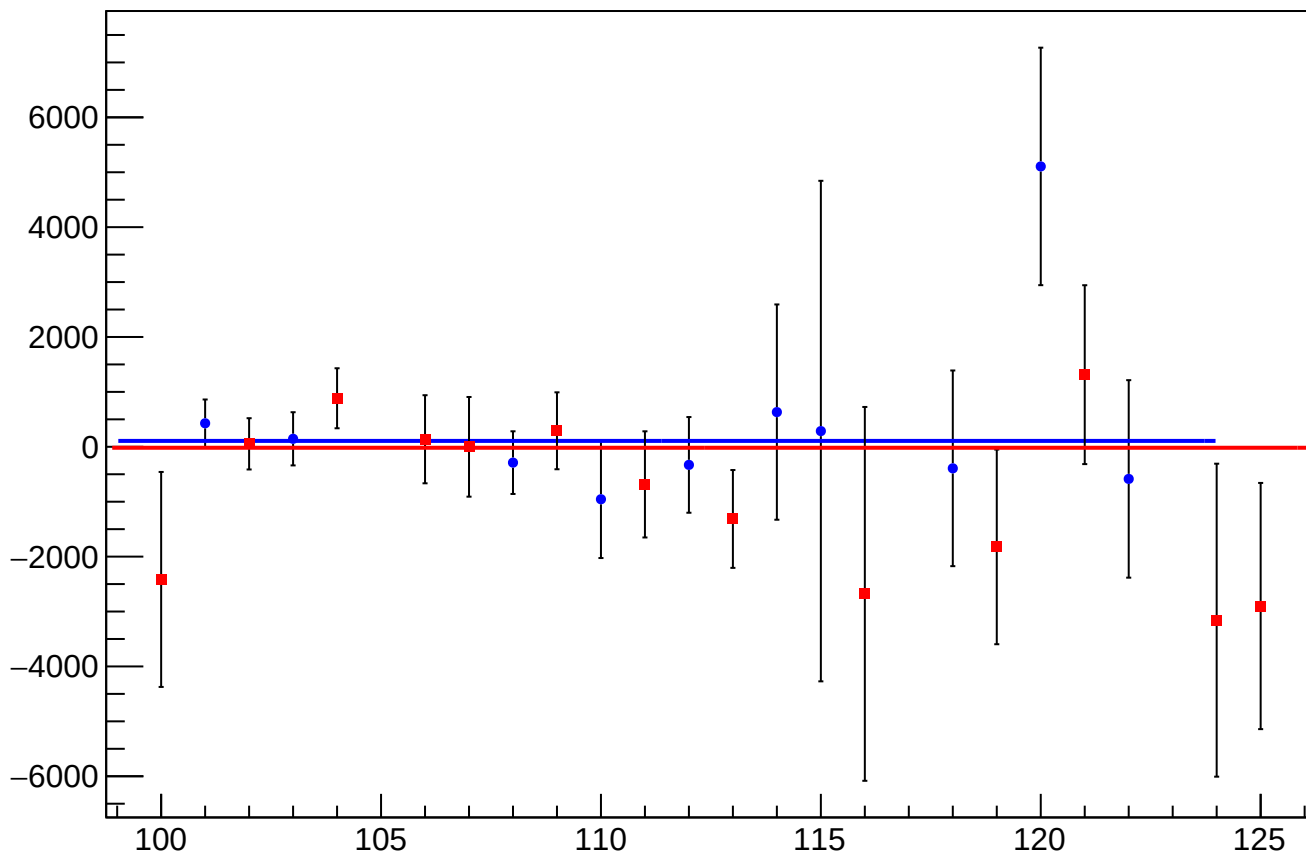
Right: 97.719 $\pm$ 0.023 χ^2 /NDF: 710425.4/22

In: 98.876 $\pm$ 0.035 χ^2 /NDF:318848.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 97.719 $\pm$ 0.023 χ^2 /NDF: 710425.4/22

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: -17.424+/-246.665 χ^2/NDF : 12.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

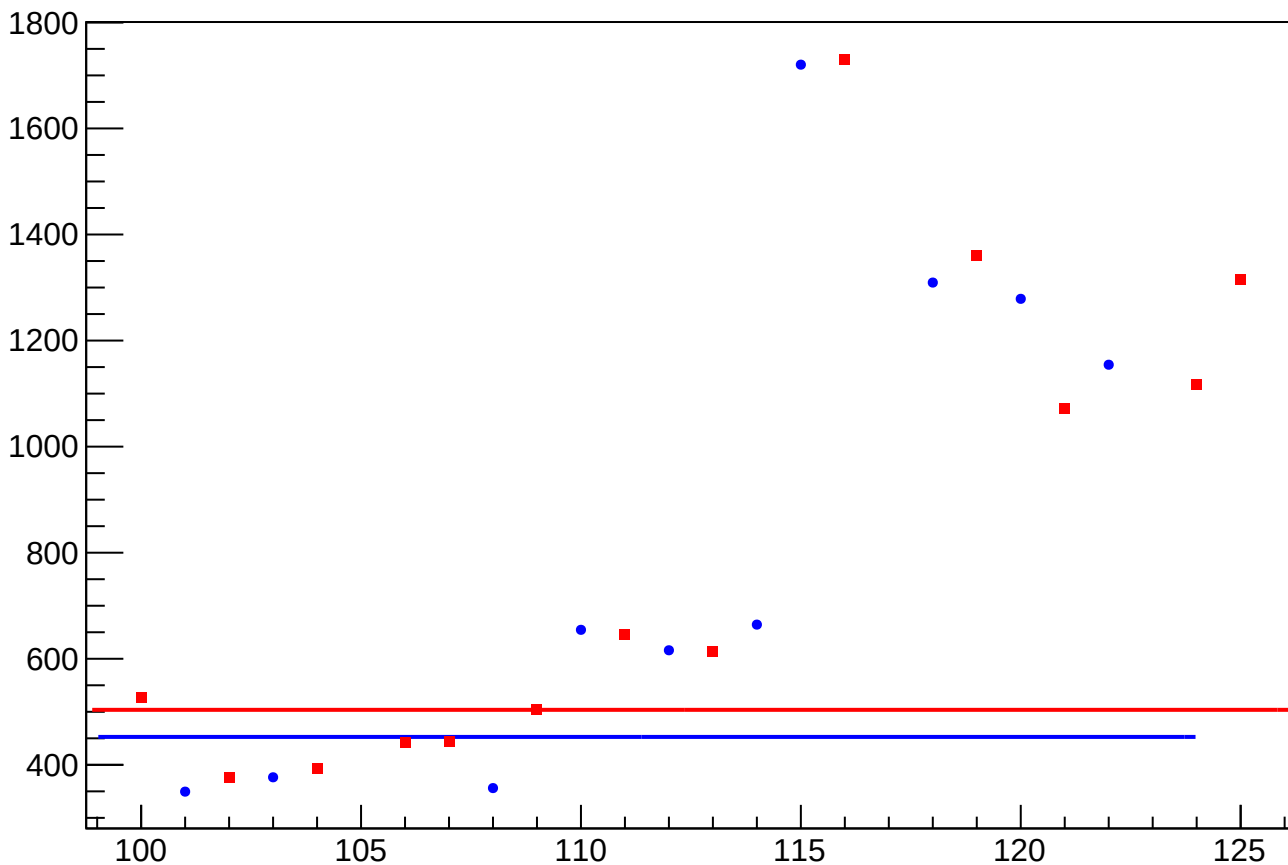
Right: 44.115+/-175.588 χ^2/NDF : 20.3/22

In: 107.332+/-250.007 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.115+/-175.588 χ^2/NDF : 20.3/22

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: 503.710+/-0.174 χ^2/NDF : 1651799.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

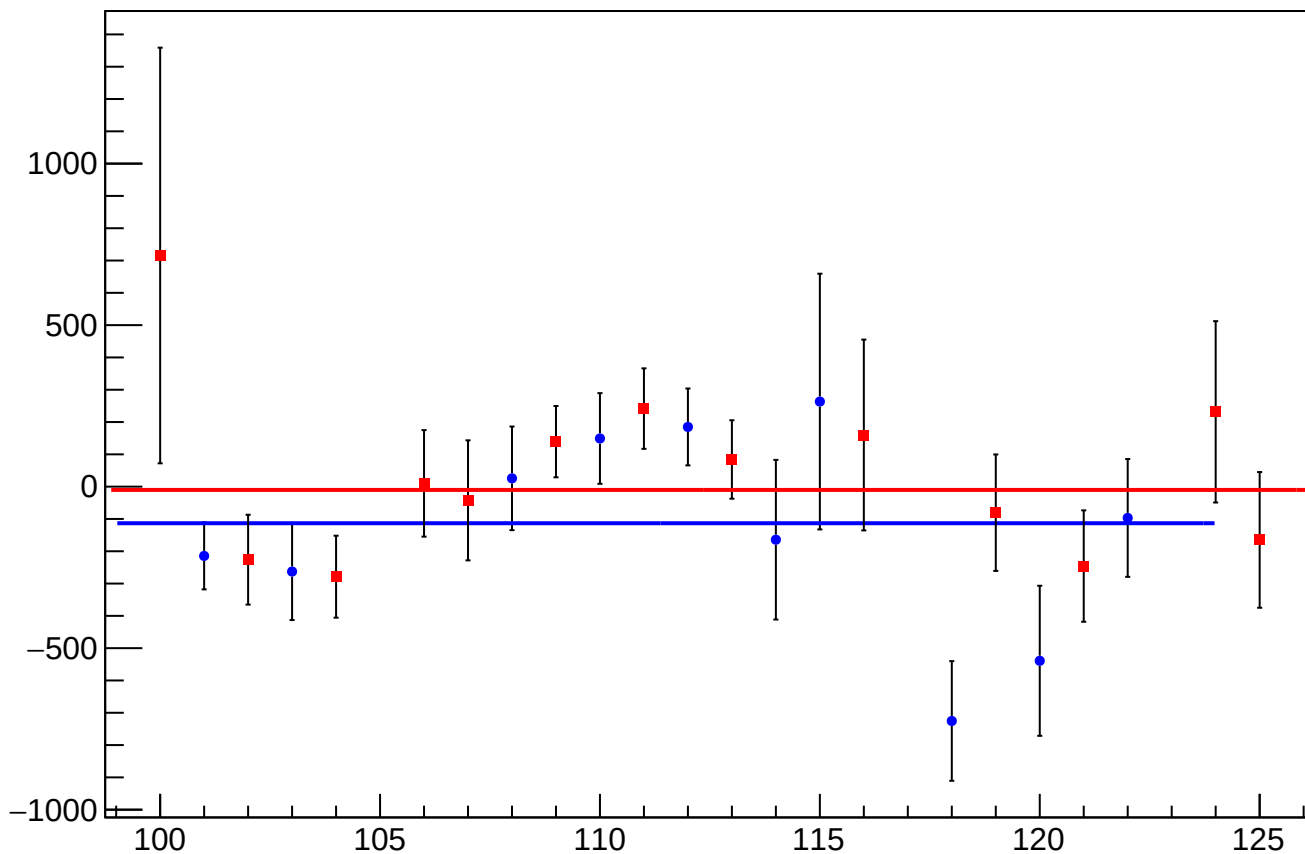
Right: 478.522+/-0.124 χ^2/NDF : 3292361.6/22

In: 452.647+/-0.177 χ^2/NDF : 1598284.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 478.522+/-0.124 χ^2/NDF : 3292361.6/22

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: -10.147 $\pm$ 44.392 χ^2 /NDF: 18.4/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

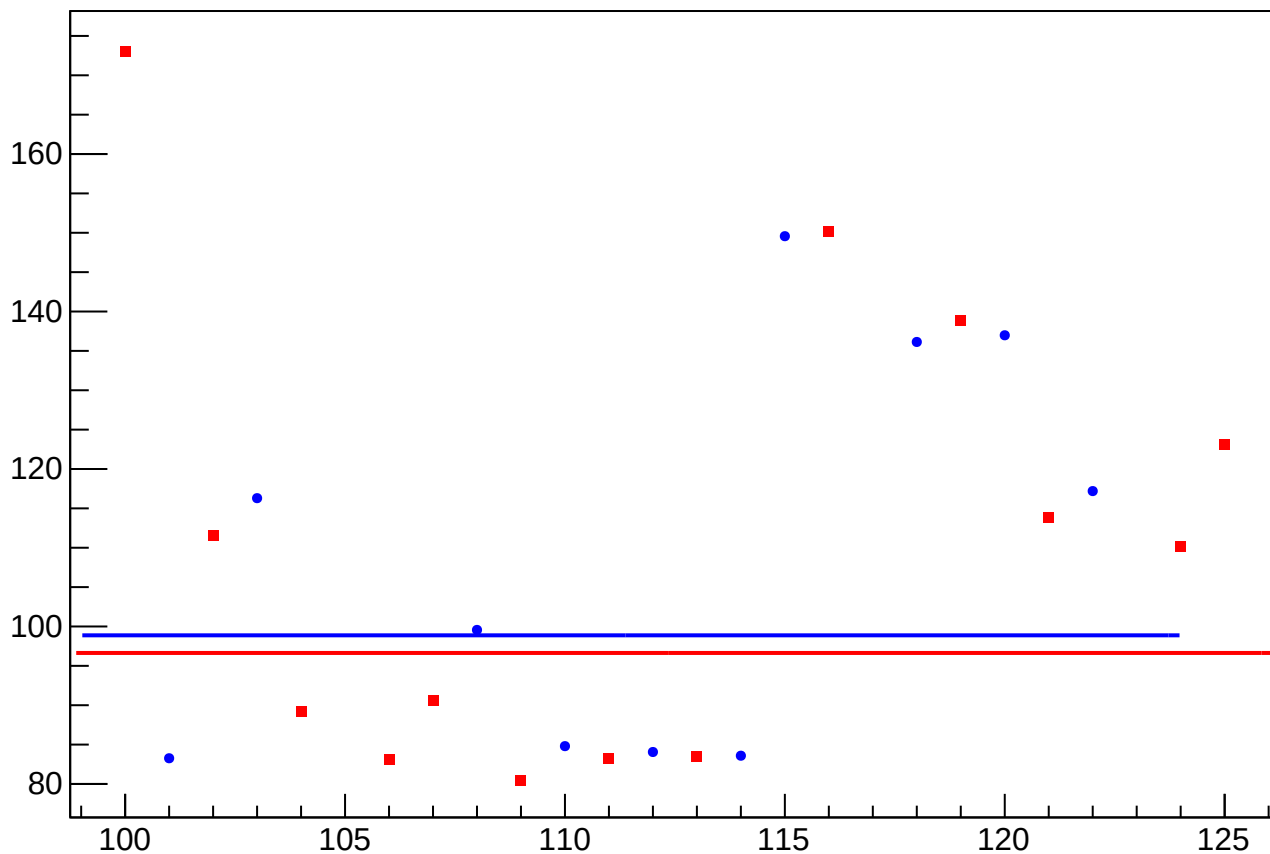
Right: -55.465 $\pm$ 33.229 χ^2 /NDF: 48.4/22

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: -55.465 $\pm$ 33.229 χ^2 /NDF: 48.4/22

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: 96.637 ± 0.031 χ^2/NDF : 394858.6/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

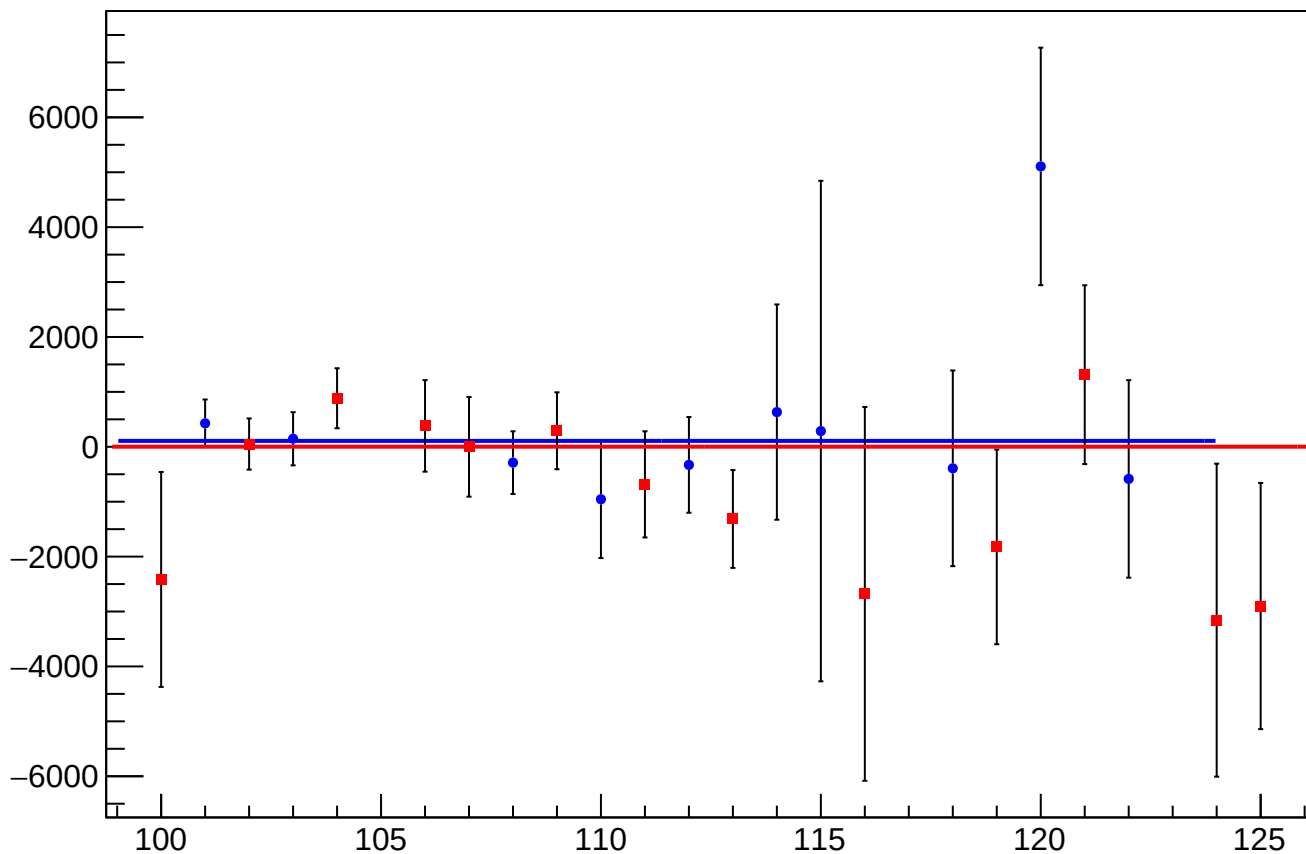
Right: 97.622 ± 0.023 χ^2/NDF : 715946.3/22

In: 98.876 ± 0.035 χ^2/NDF : 318850.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 97.622 ± 0.023 χ^2/NDF : 715946.3/22

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: 2.037+/-247.417 χ^2/NDF : 12.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

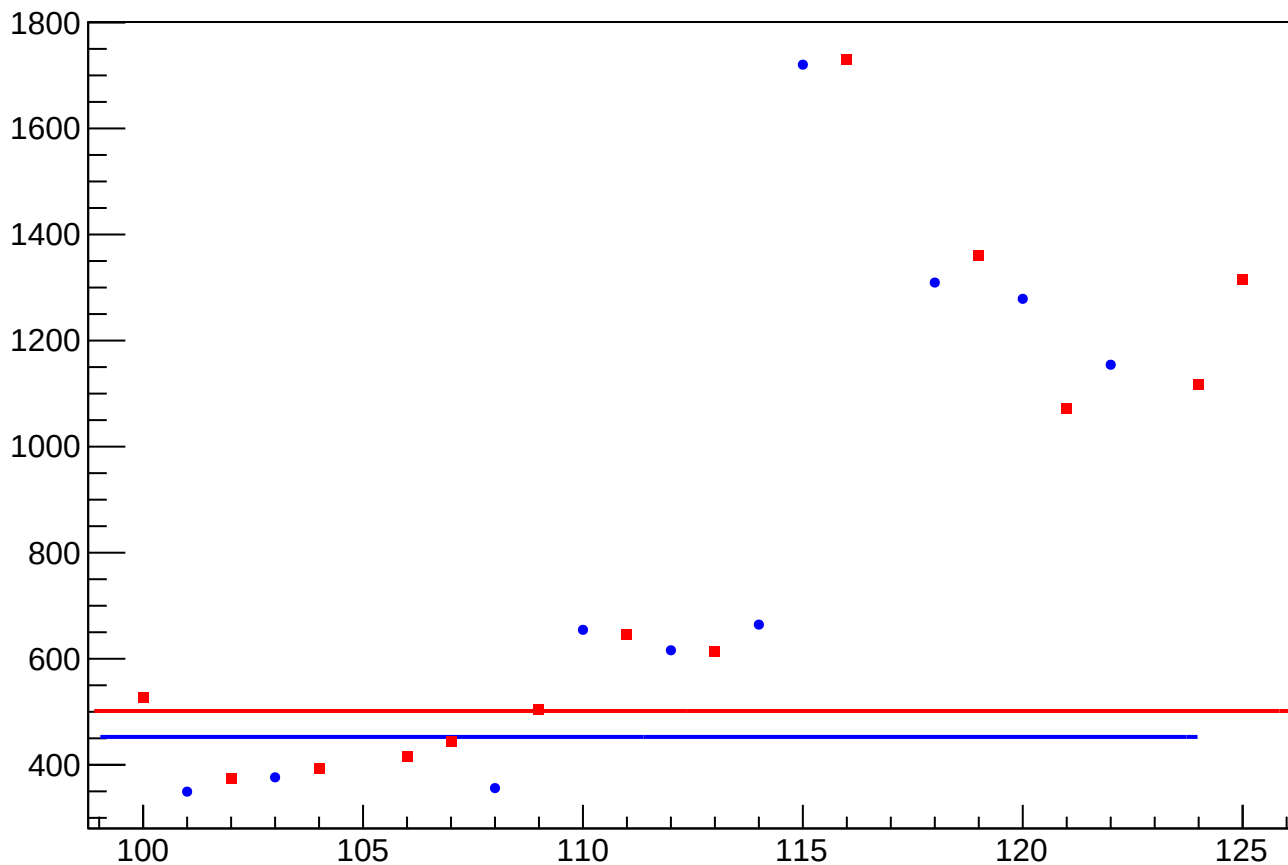
Right: 54.225+/-175.856 χ^2/NDF : 20.4/22

In: 107.508+/-249.998 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.225+/-175.856 χ^2/NDF : 20.4/22

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: 501.570+/-0.175 χ^2/NDF : 1663894.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

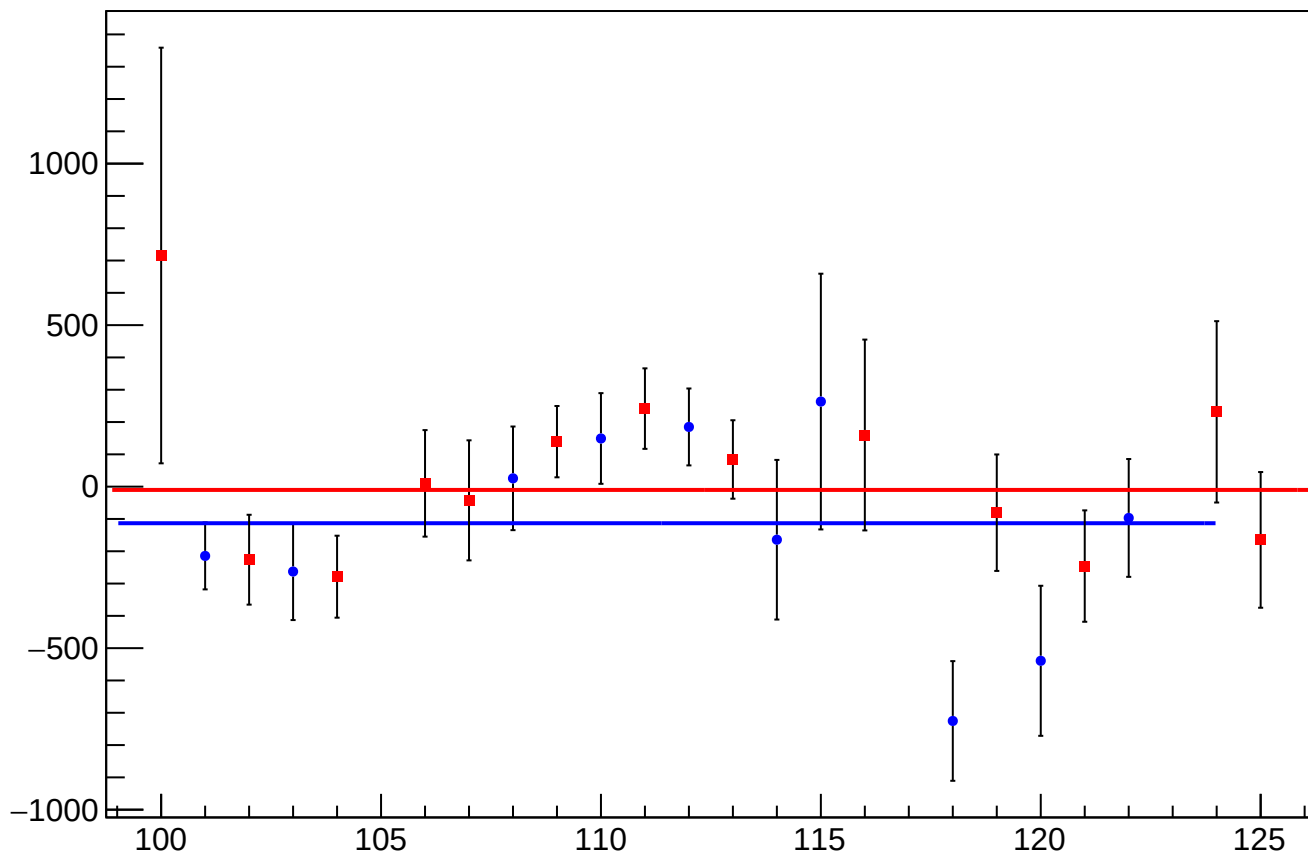
Right: 477.353+/-0.124 χ^2/NDF : 3300981.5/22

In: 452.628+/-0.177 χ^2/NDF : 1598364.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 477.353+/-0.124 χ^2/NDF : 3300981.5/22

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: -10.147+/-44.392 χ^2/NDF : 18.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

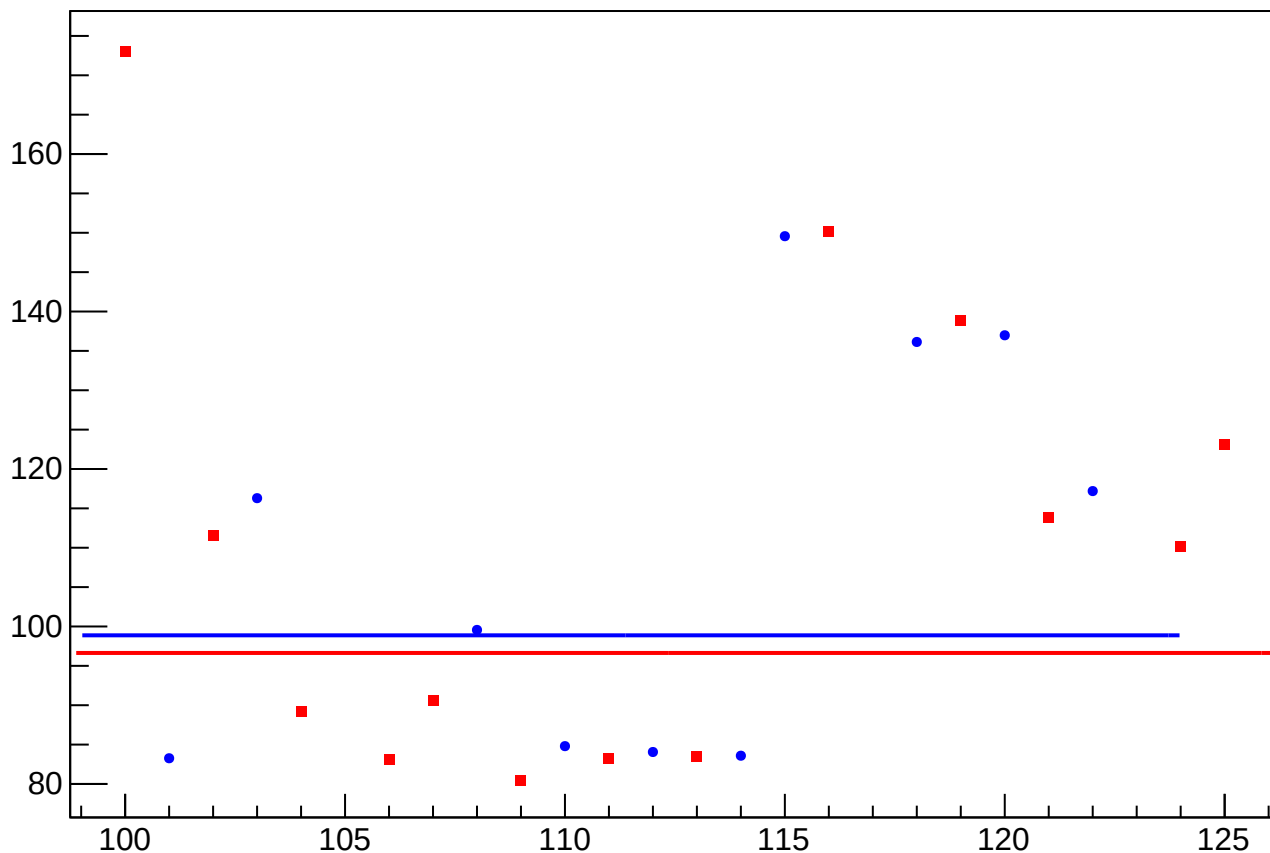
Right: -55.465+/-33.229 χ^2/NDF : 48.4/22

In: -113.214+/-50.111 χ^2/NDF : 27.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.465+/-33.229 χ^2/NDF : 48.4/22

eigen_cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 98.876+/-0.035 χ^2/NDF : 318850.6/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 96.637+/-0.031 χ^2/NDF : 394858.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

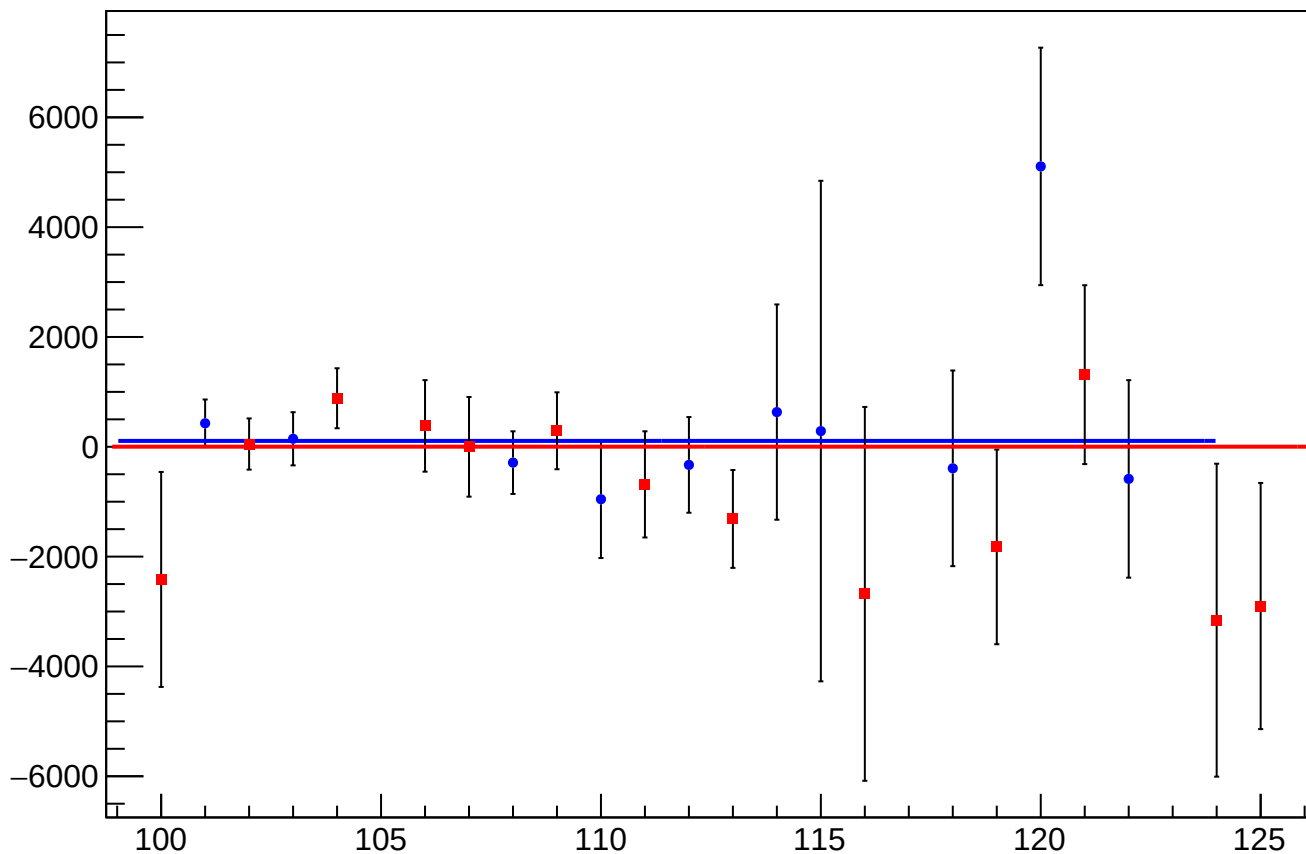
Right: 97.622+/-0.023 χ^2/NDF : 715946.3/22

In: 98.876+/-0.035 χ^2/NDF :318850.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 97.622+/-0.023 χ^2/NDF : 715946.3/22

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: 2.037+/-247.417 χ^2/NDF : 12.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

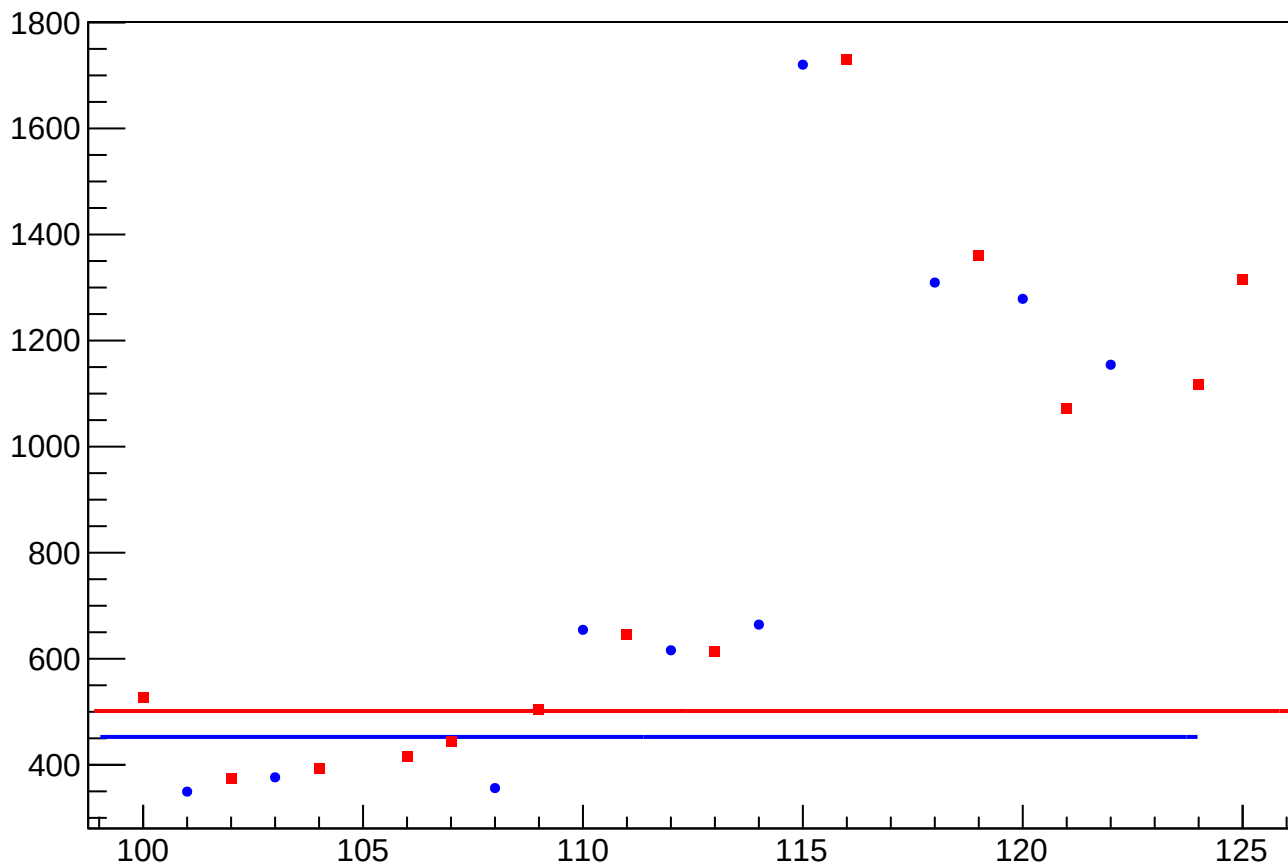
Right: 54.225+/-175.856 χ^2/NDF : 20.4/22

In: 107.508+/-249.998 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.225+/-175.856 χ^2/NDF : 20.4/22

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: 501.570+/-0.175 χ^2/NDF : 1663894.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

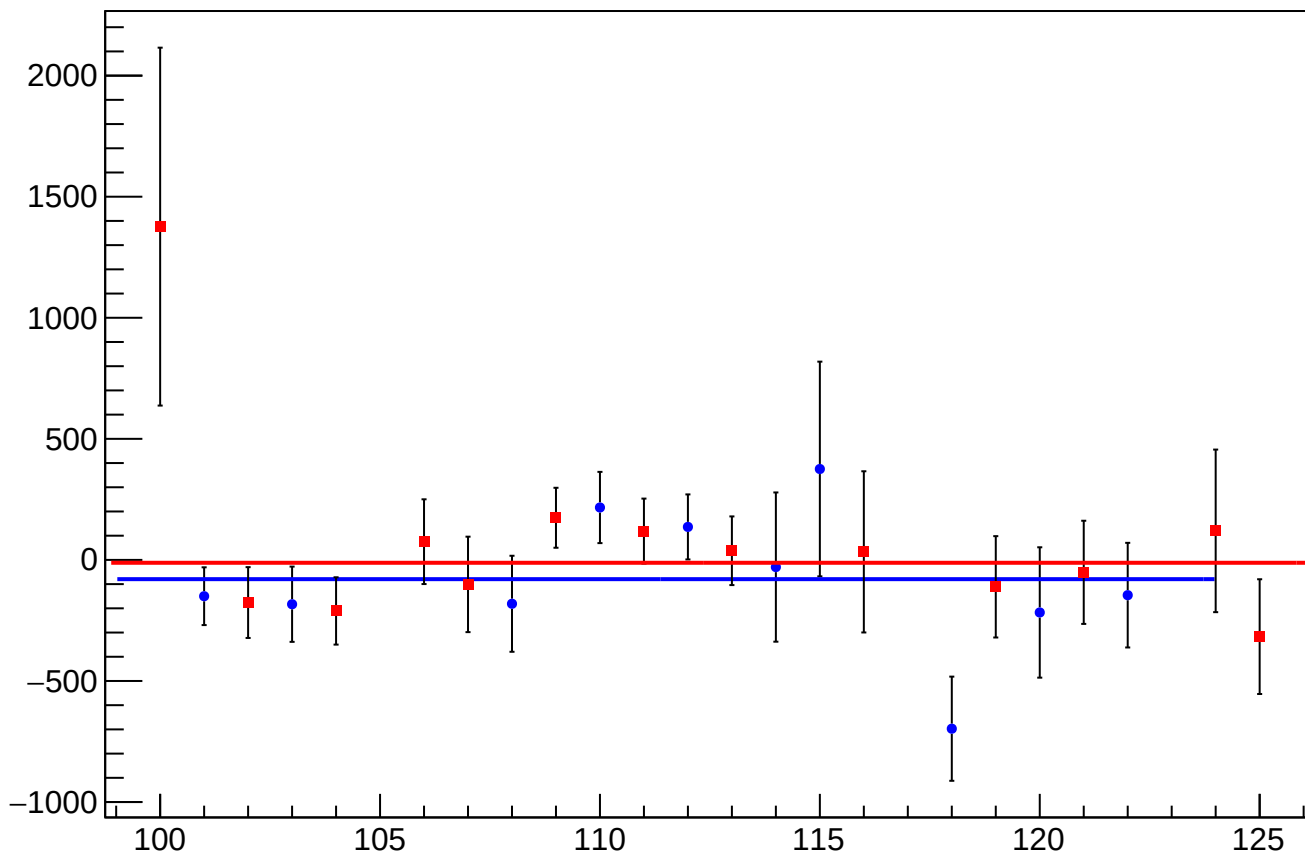
Right: 477.353+/-0.124 χ^2/NDF : 3300981.5/22

In: 452.628+/-0.177 χ^2/NDF : 1598364.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 477.353+/-0.124 χ^2/NDF : 3300981.5/22

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: -11.868+/-49.396 χ^2/NDF : 12.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

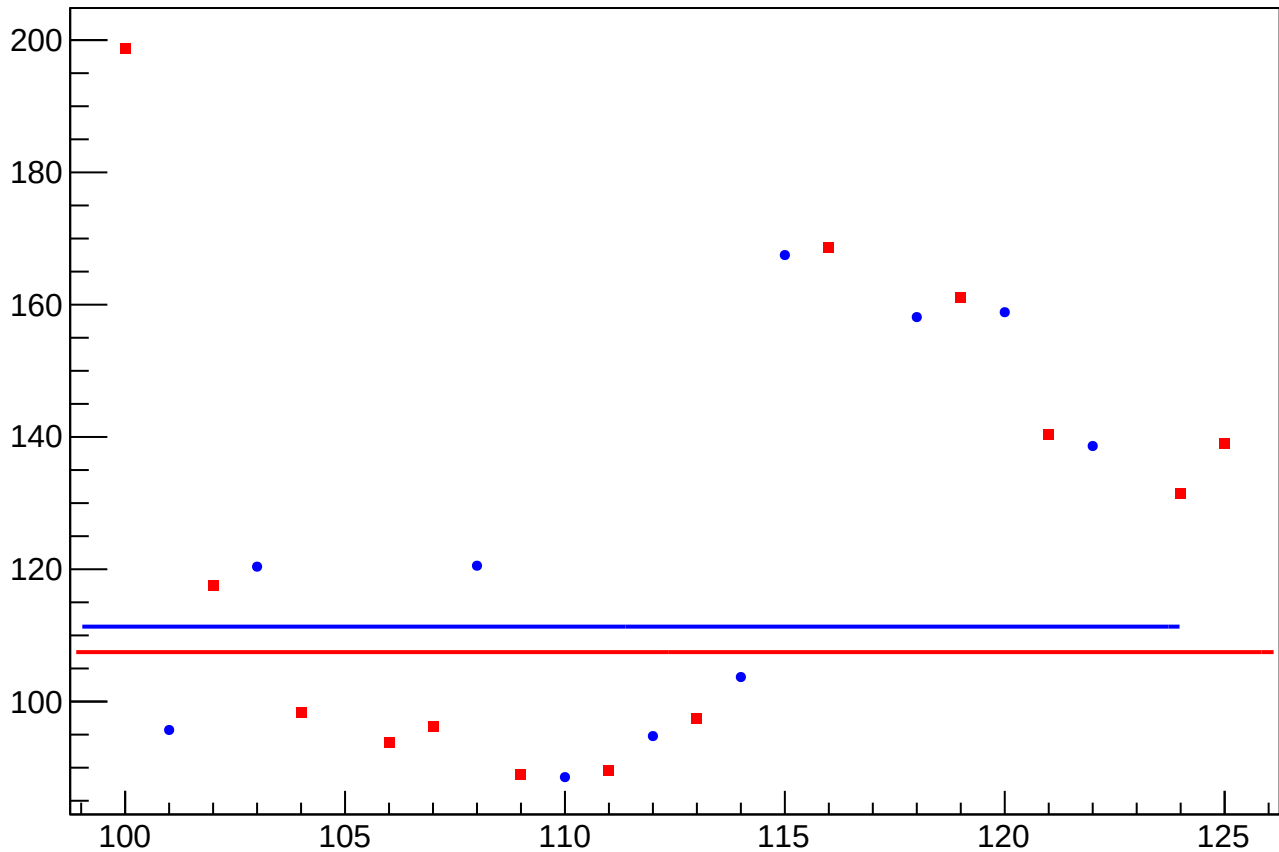
Right: -41.066+/-37.239 χ^2/NDF : 30.9/22

In: -79.513+/-56.682 χ^2/NDF : 17.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.066+/-37.239 χ^2/NDF : 30.9/22

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: 107.474+/-0.035 χ^2/NDF : 450023.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

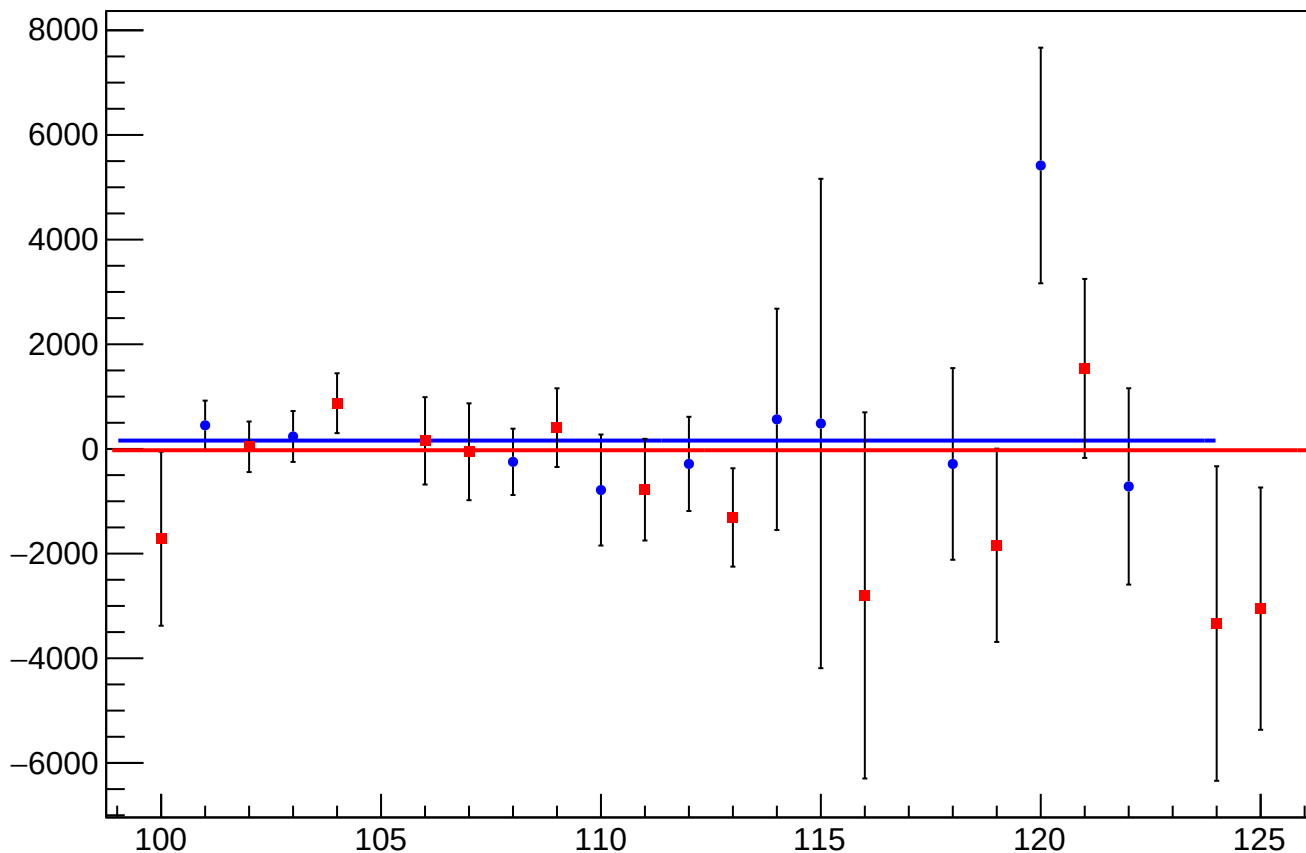
Right: 109.137+/-0.026 χ^2/NDF : 801221.1/22

In: 111.327+/-0.040 χ^2/NDF : 345944.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.137+/-0.026 χ^2/NDF : 801221.1/22

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: -24.835+/-255.694 χ^2/NDF : 11.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

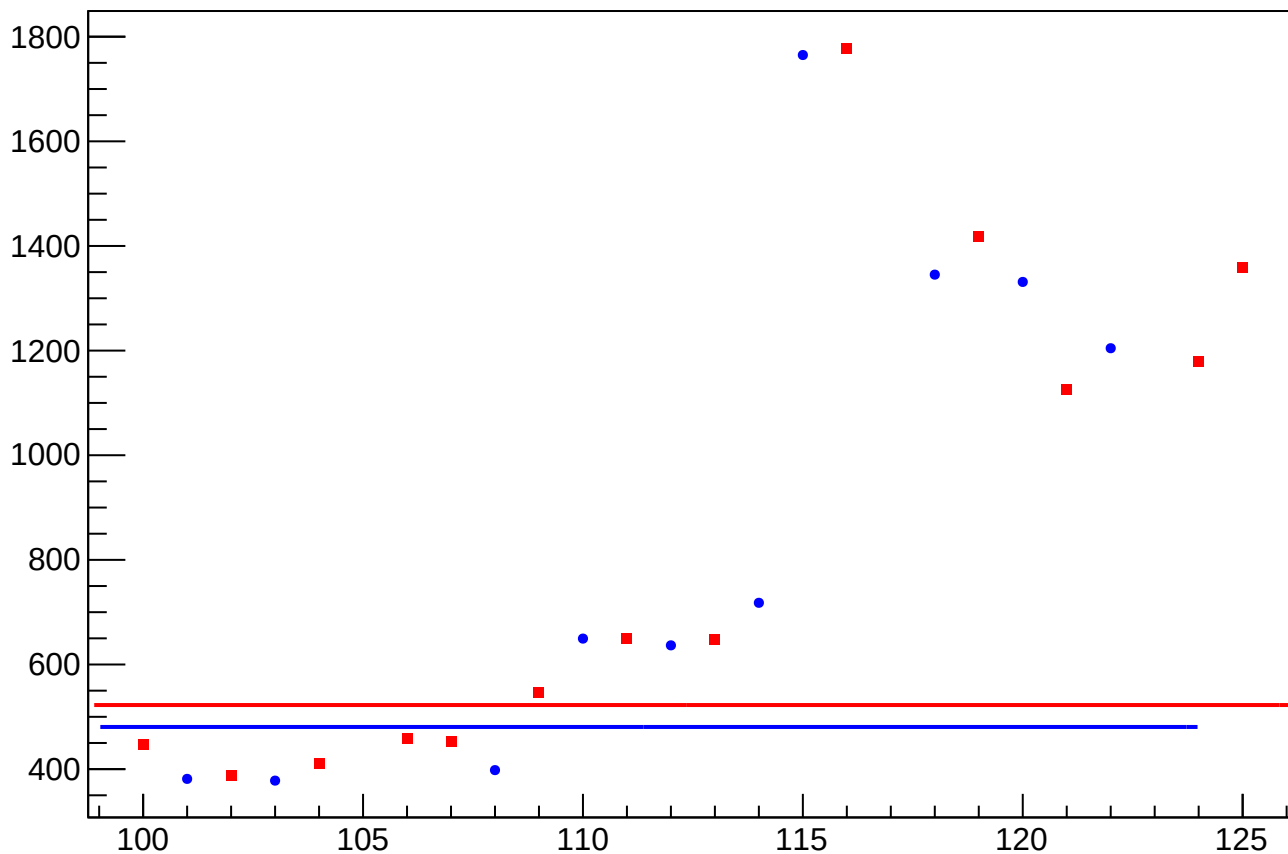
Right: 64.772+/-183.527 χ^2/NDF : 19.6/22

In: 159.990+/-263.580 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.772+/-183.527 χ^2/NDF : 19.6/22

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: 522.523+/-0.181 χ^2/NDF : 1662228.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

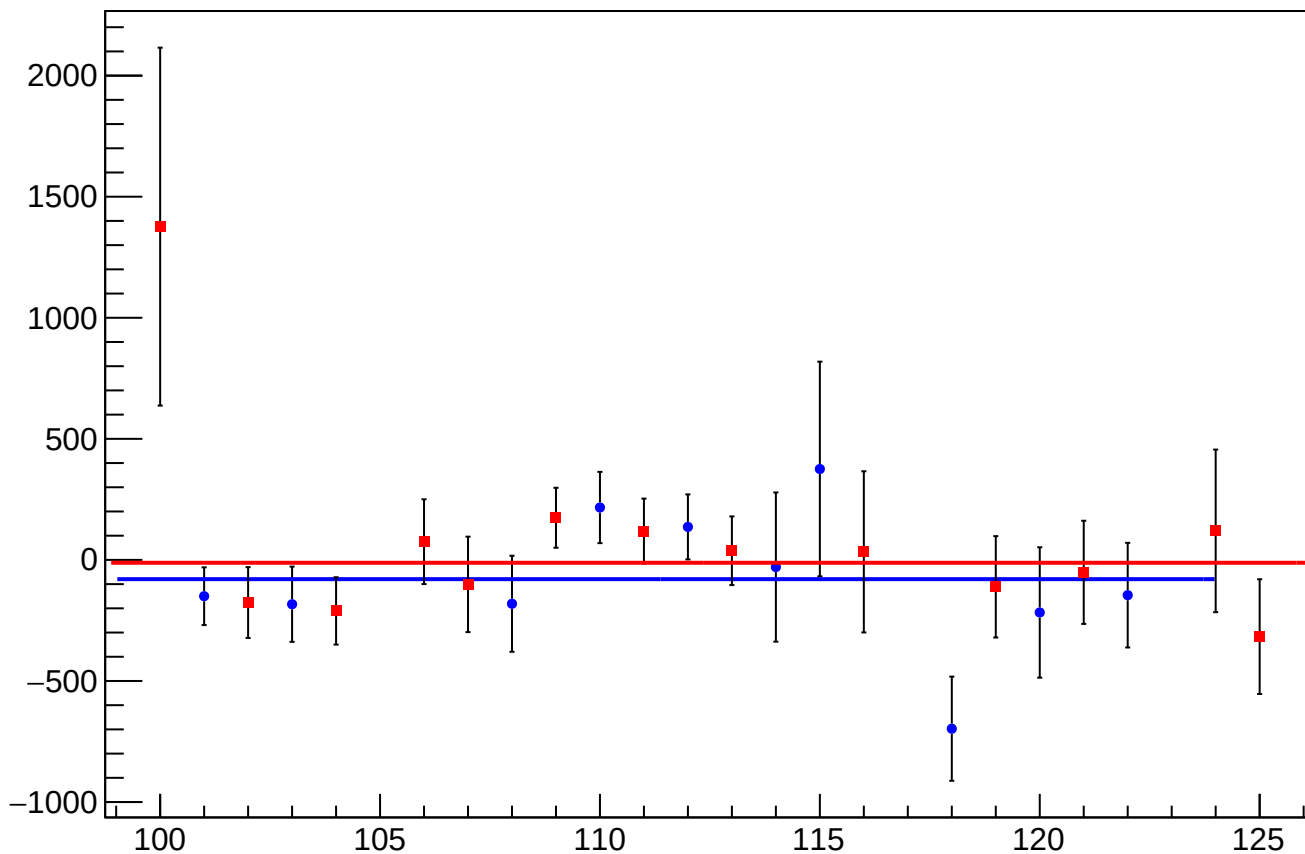
Right: 502.204+/-0.130 χ^2/NDF : 3215814.5/22

In: 480.613+/-0.186 χ^2/NDF : 1527536.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 502.204+/-0.130 χ^2/NDF : 3215814.5/22

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: -11.866+/-49.396 χ^2/NDF : 12.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

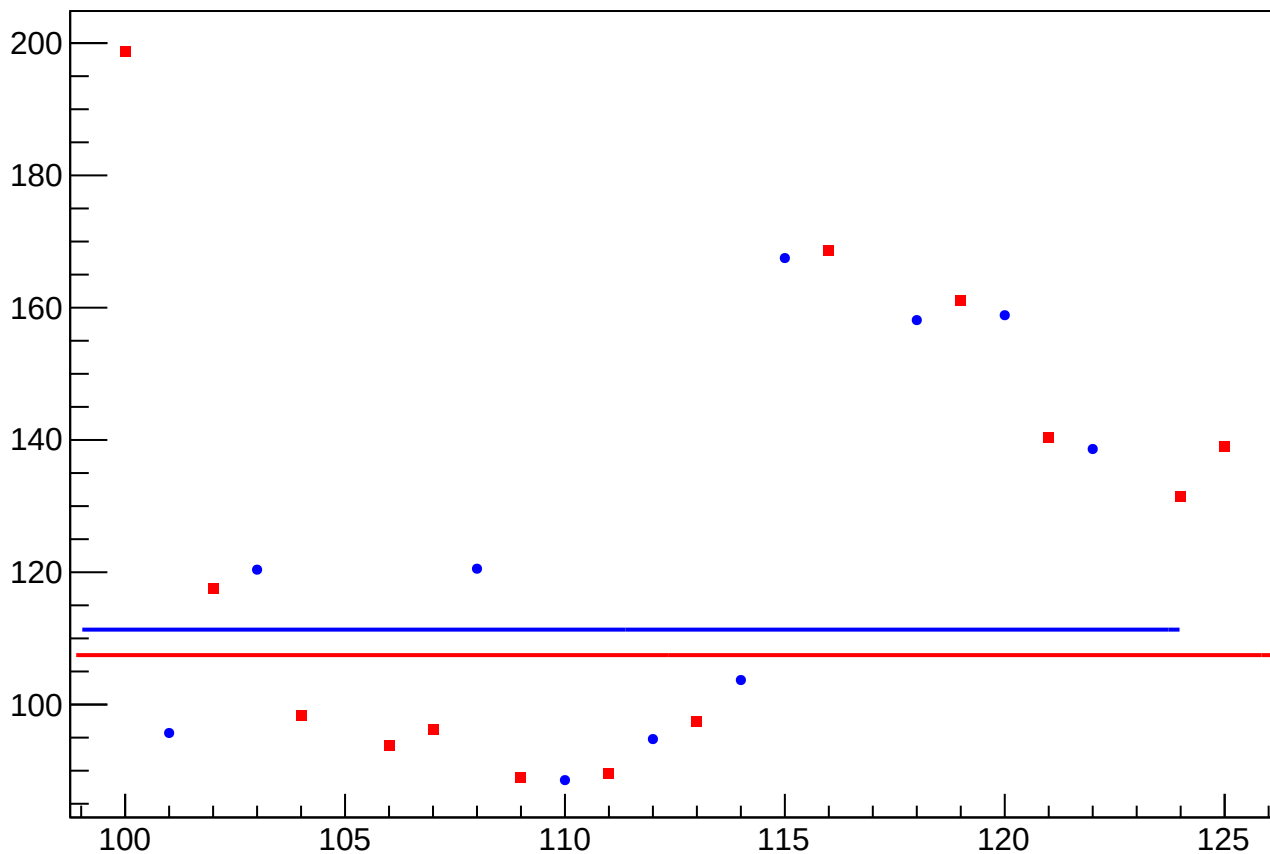
Right: -41.066+/-37.239 χ^2/NDF : 30.9/22

In: -79.514+/-56.681 χ^2/NDF : 17.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.066+/-37.239 χ^2/NDF : 30.9/22

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: 107.474+/-0.035 χ^2/NDF : 450023.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

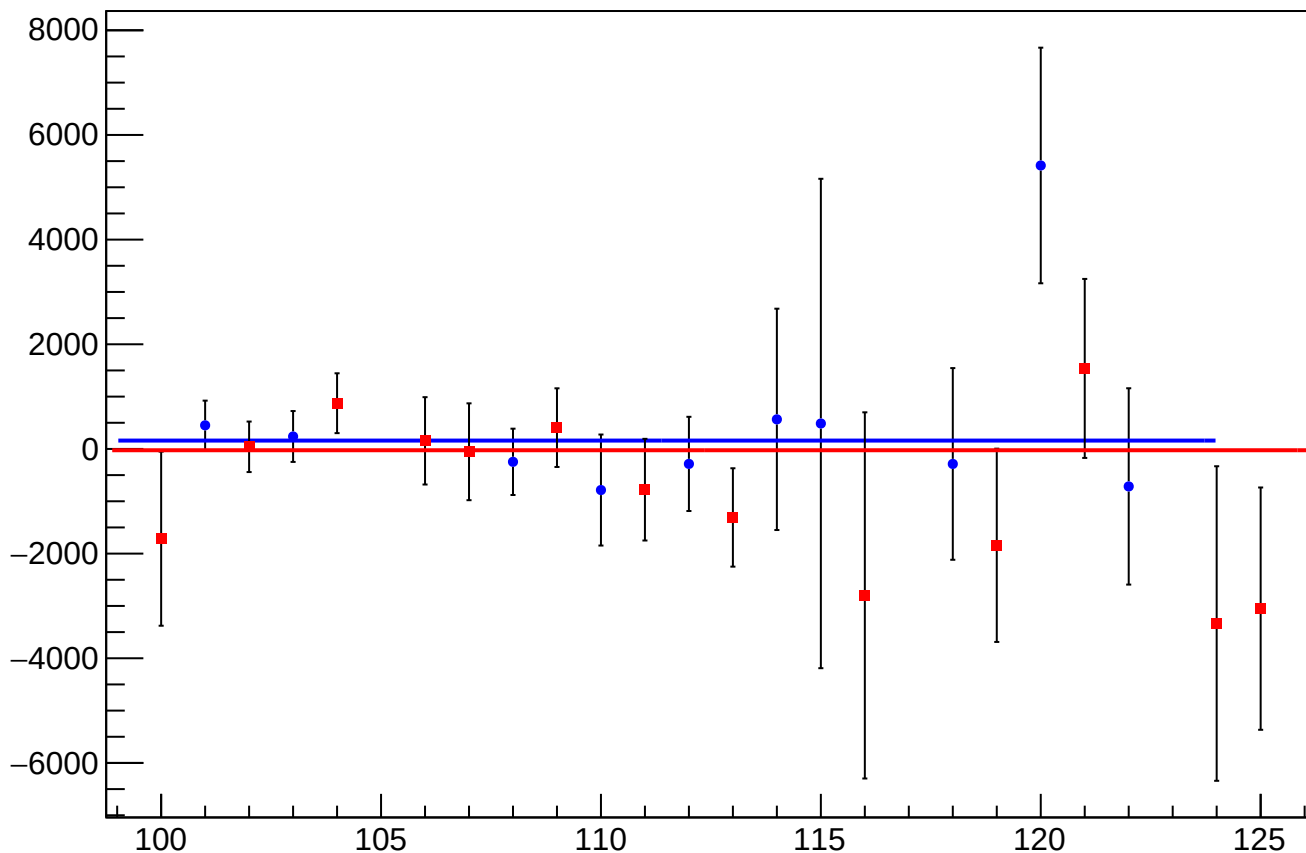
Right: 109.137+/-0.026 χ^2/NDF : 801222.5/22

In: 111.327+/-0.040 χ^2/NDF : 345946.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.137+/-0.026 χ^2/NDF : 801222.5/22

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: -24.833+/-255.694 χ^2/NDF : 11.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

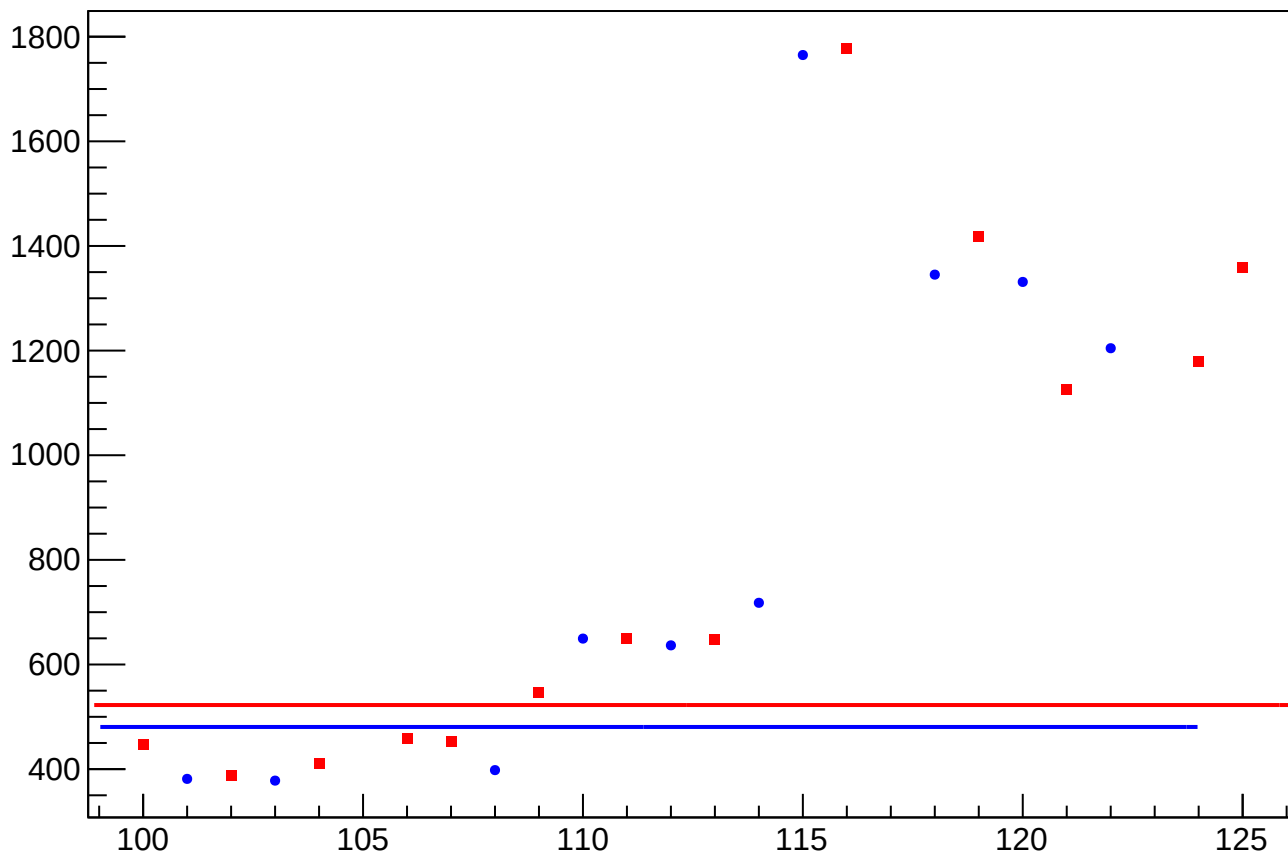
Right: 64.772+/-183.527 χ^2/NDF : 19.6/22

In: 159.990+/-263.579 χ^2/NDF : 7.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.772+/-183.527 χ^2/NDF : 19.6/22

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: 522.522+/-0.181 χ^2/NDF : 1662228.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

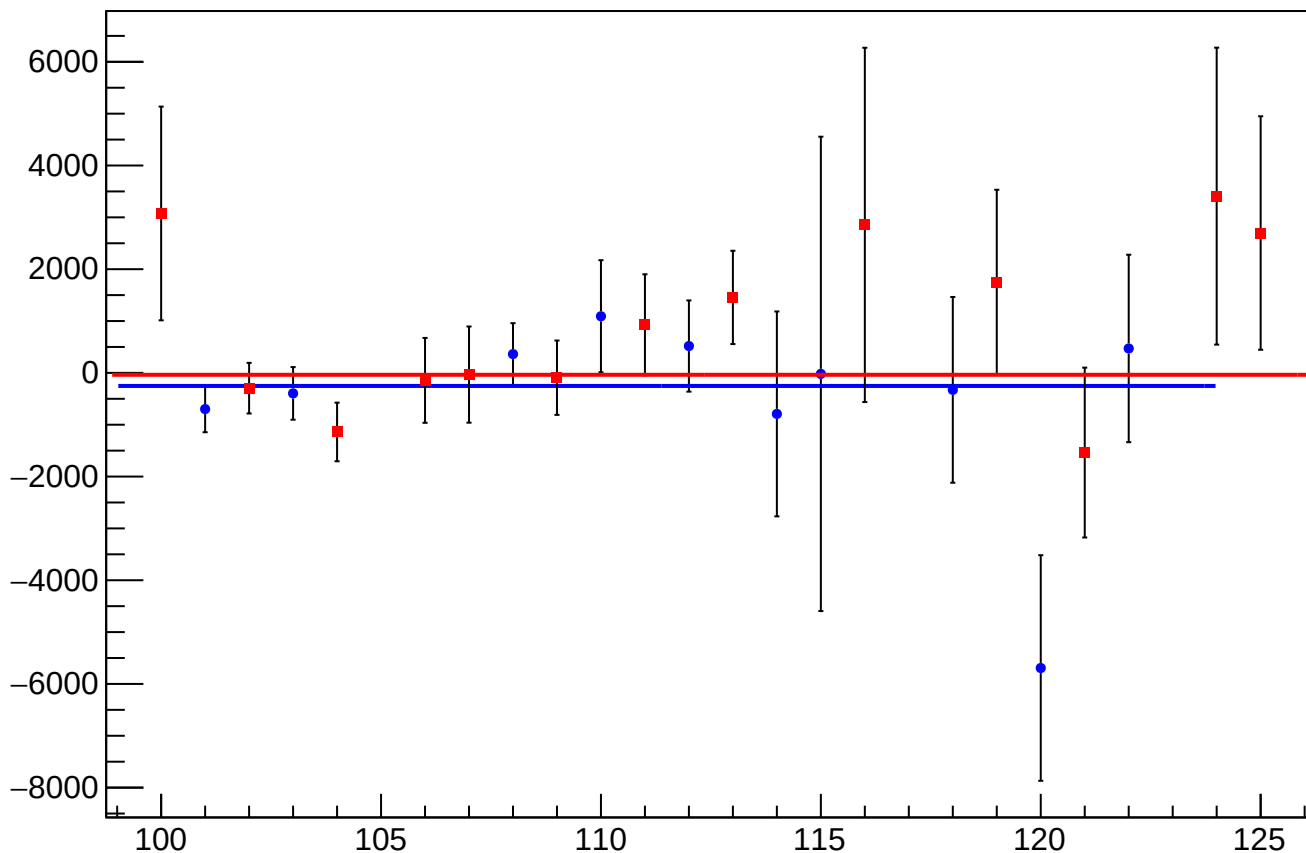
Right: 502.204+/-0.130 χ^2/NDF : 3215817.3/22

In: 480.613+/-0.186 χ^2/NDF : 1527539.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 502.204+/-0.130 χ^2/NDF : 3215817.3/22

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: -36.769+/-253.699 χ^2/NDF : 15.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

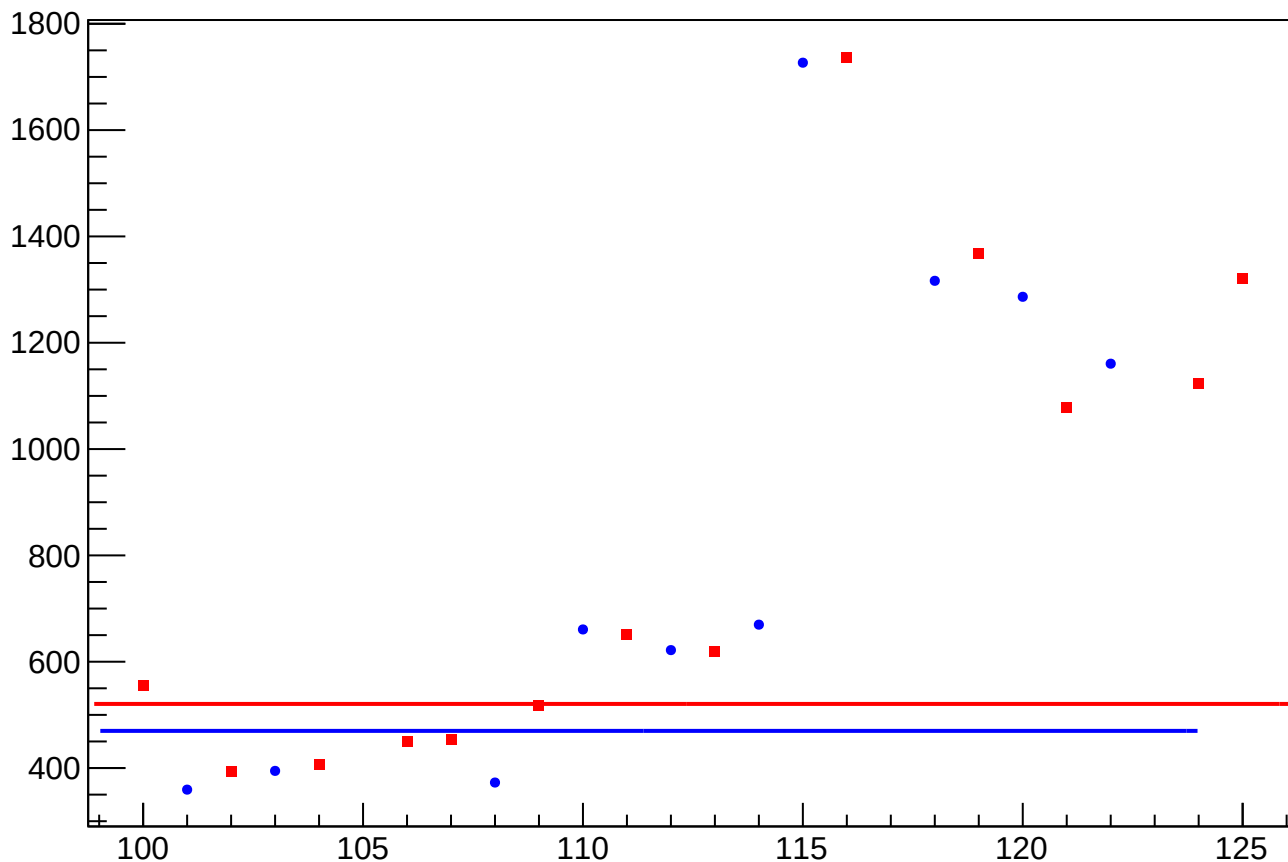
Right: -142.391+/-181.022 χ^2/NDF : 26.9/22

In: -251.941+/-258.374 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -142.391+/-181.022 χ^2/NDF : 26.9/22

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: 520.598+/-0.179 χ^2/NDF : 1581191.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

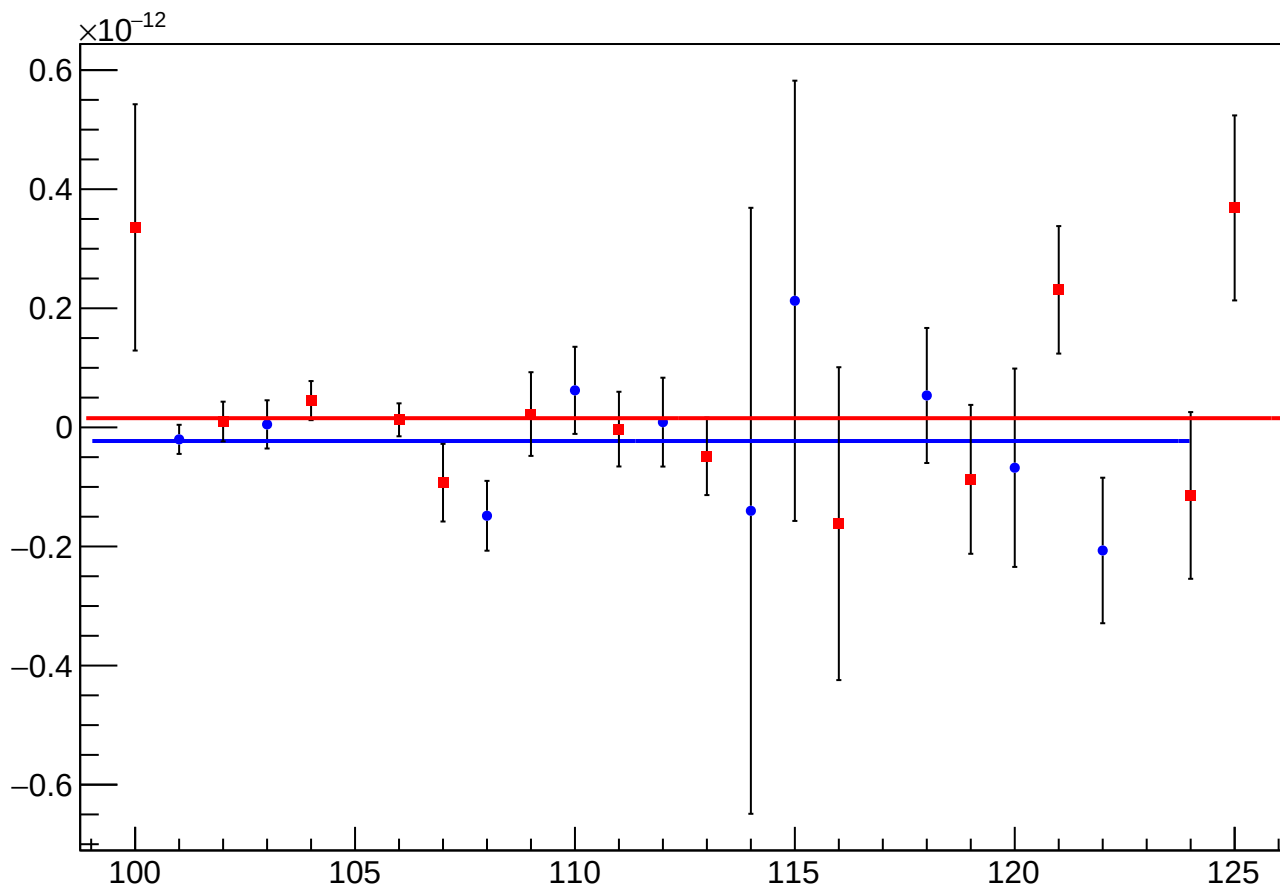
Right: 495.711+/-0.128 χ^2/NDF : 3153411.9/22

In: 469.898+/-0.183 χ^2/NDF : 1533011.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 495.711+/-0.128 χ^2/NDF : 3153411.9/22

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 : 18.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

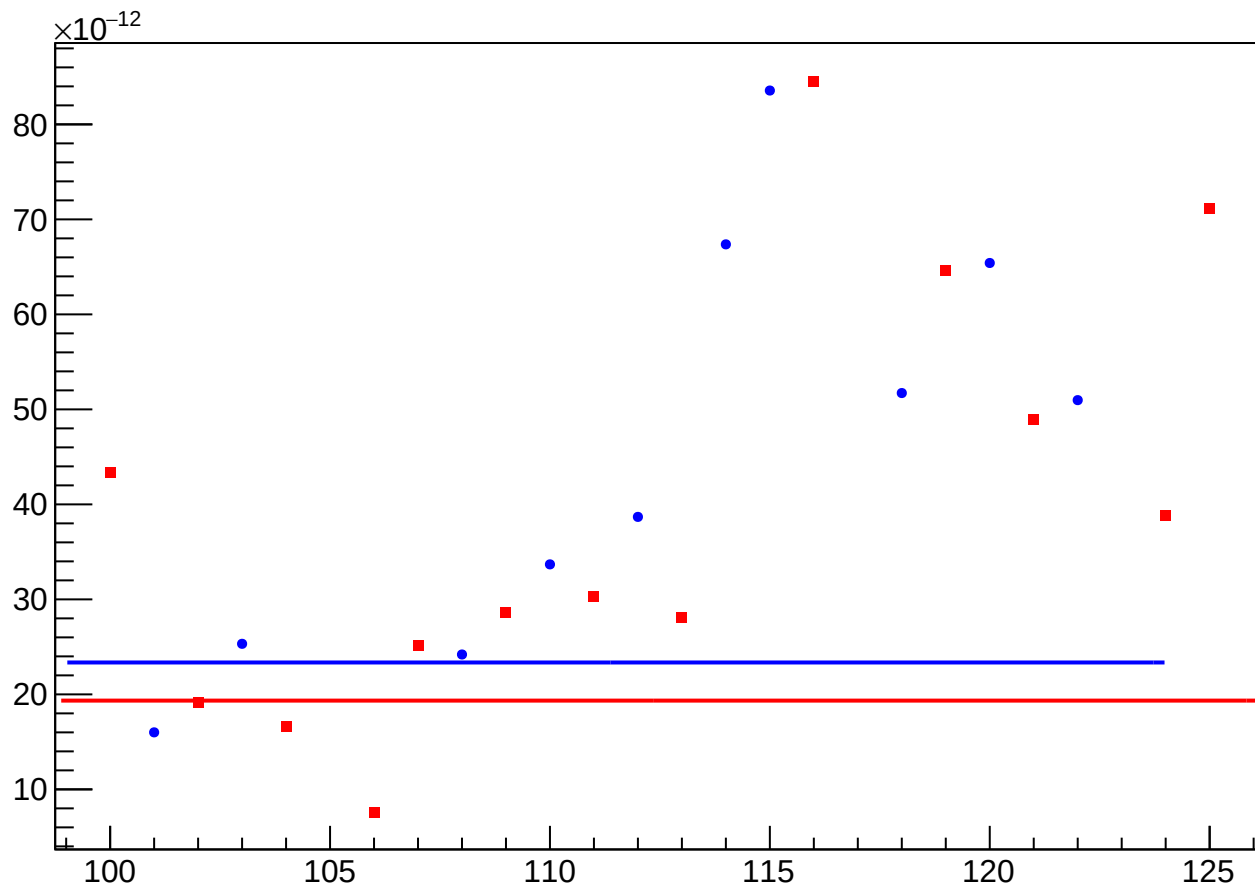
Right: -0.000+/-0.000 χ^2/NDF : 30.8/22

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 : 30.8/22

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 : 1350982.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

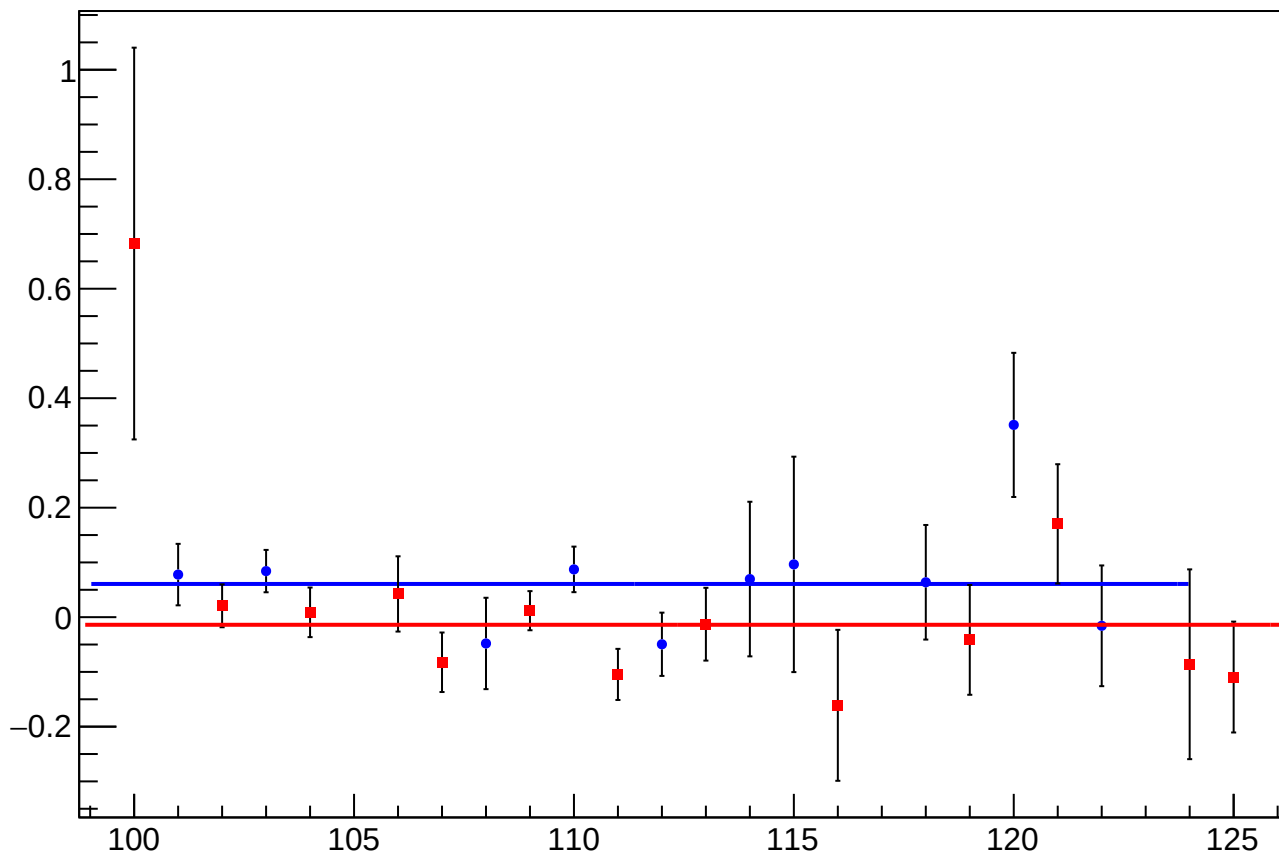
Right: 0.000+/-0.000 χ^2/NDF : 2142791.7/22

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 : 2142791.7/22

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: -0.014+/-0.017 χ^2/NDF : 16.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

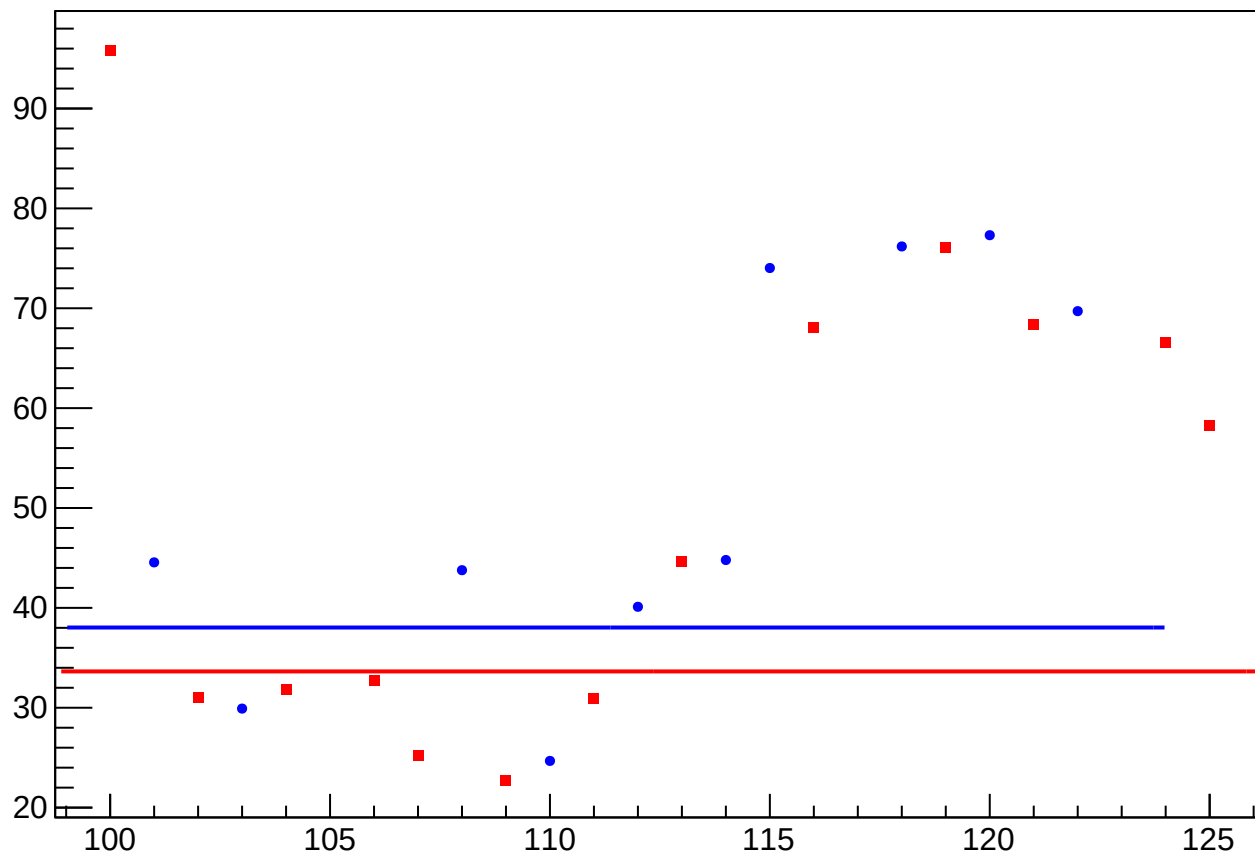
Right: 0.016+/-0.013 χ^2/NDF : 35.9/22

In: 0.061+/-0.021 χ^2/NDF : 11.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.013 χ^2/NDF : 35.9/22

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: 33.637+/-0.012 χ^2/NDF : 1246490.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

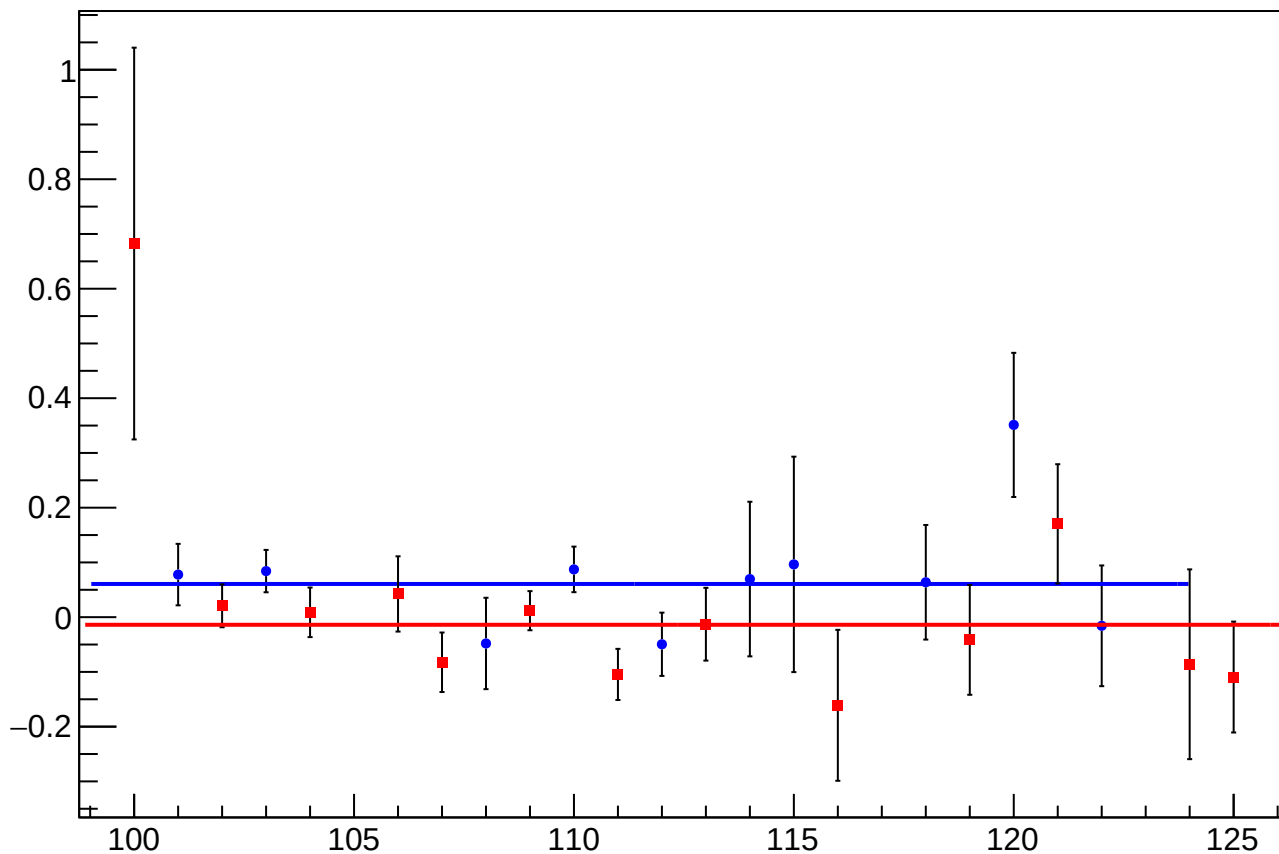
Right: 35.376+/-0.009 χ^2/NDF : 2314046.3/22

In: 38.033+/-0.015 χ^2/NDF :1013535.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 35.376+/-0.009 χ^2/NDF : 2314046.3/22

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: -0.014+/-0.017 χ^2/NDF : 16.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

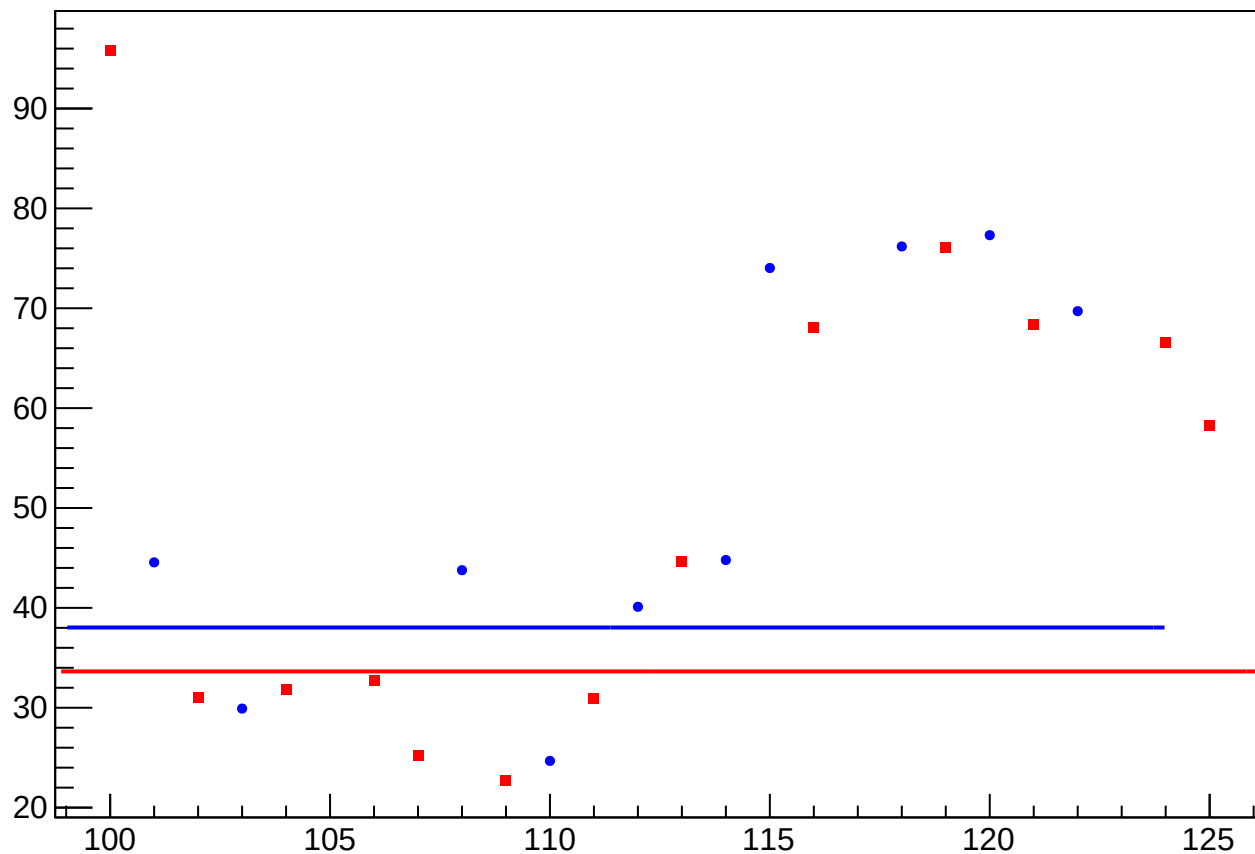
Right: 0.016+/-0.013 χ^2/NDF : 35.9/22

In: 0.061+/-0.021 χ^2/NDF :11.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.016+/-0.013 χ^2/NDF : 35.9/22

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: 33.637+/-0.012 χ^2/NDF : 1246490.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

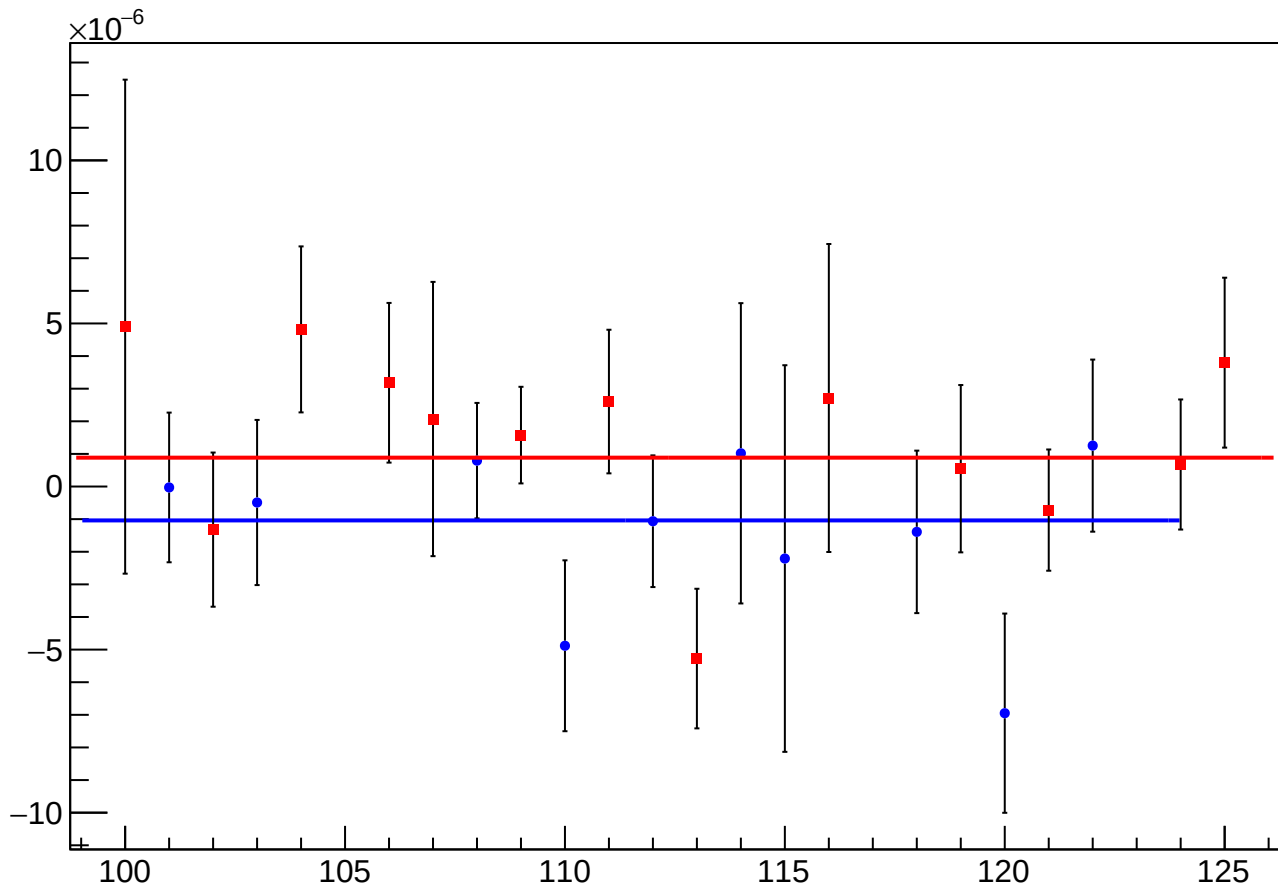
Right: 35.376+/-0.009 χ^2/NDF : 2314046.3/22

In: 38.033+/-0.015 χ^2/NDF :1013535.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 35.376+/-0.009 χ^2/NDF : 2314046.3/22

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 : 15.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

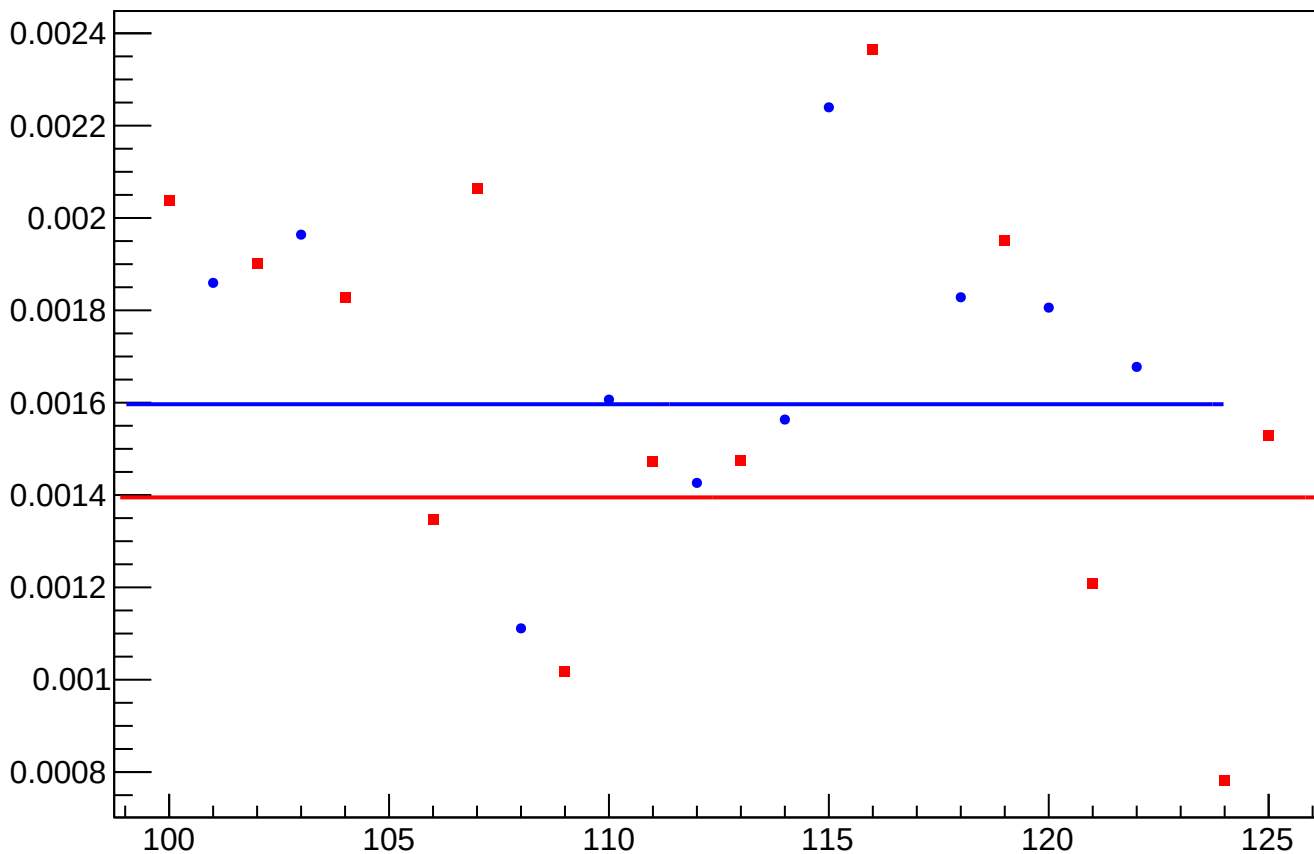
Right: 0.000+/-0.000 χ^2/NDF : 27.5/22

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 : 27.5/22

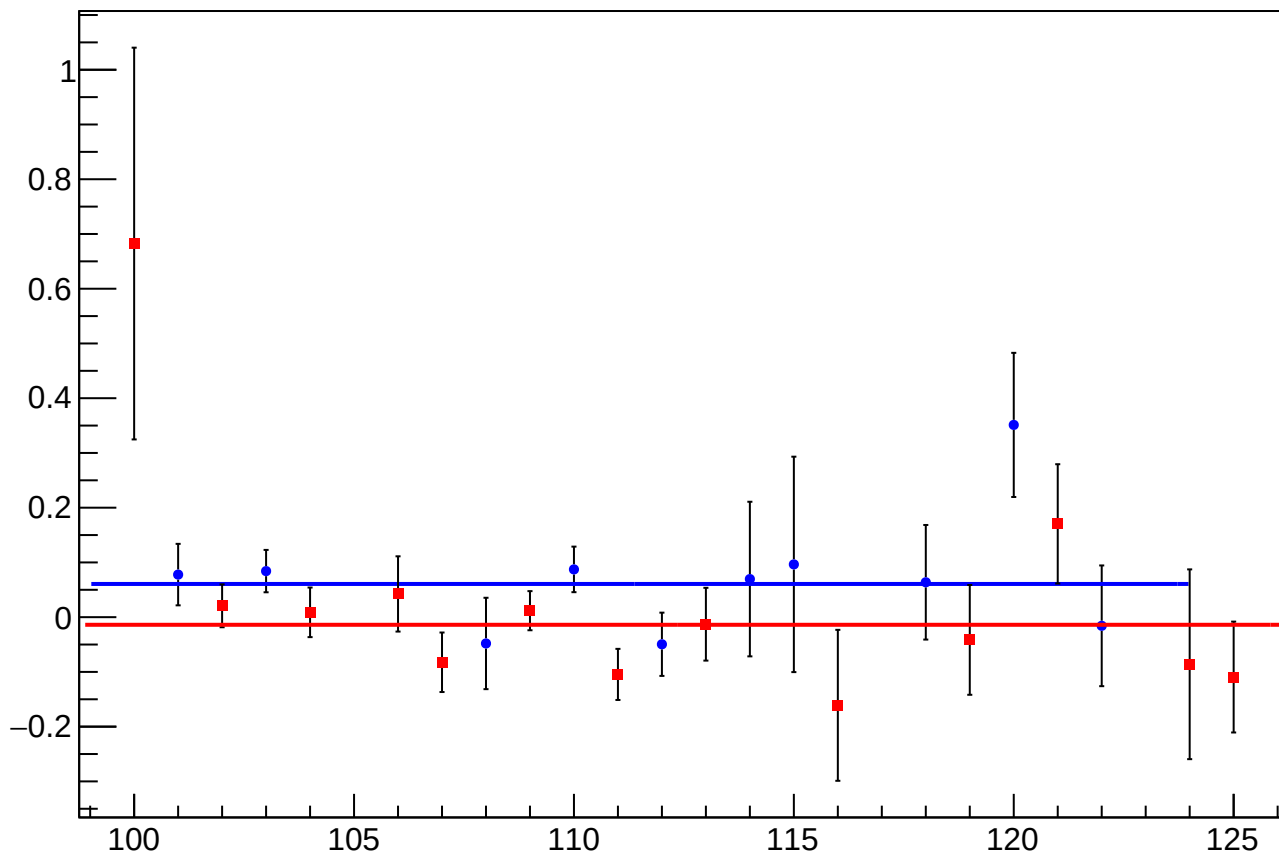
asym_sam6_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 285236.4/9
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 0.001+/-0.000 χ^2/NDF : 743194.5/12
 Left 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 : 1104182.2/22
 In: 0.002+/-0.000 χ^2/NDF :285236.4/9
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.001+/-0.000 χ^2/NDF : 1104182.2/22

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: -0.014+/-0.017 χ^2/NDF : 16.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

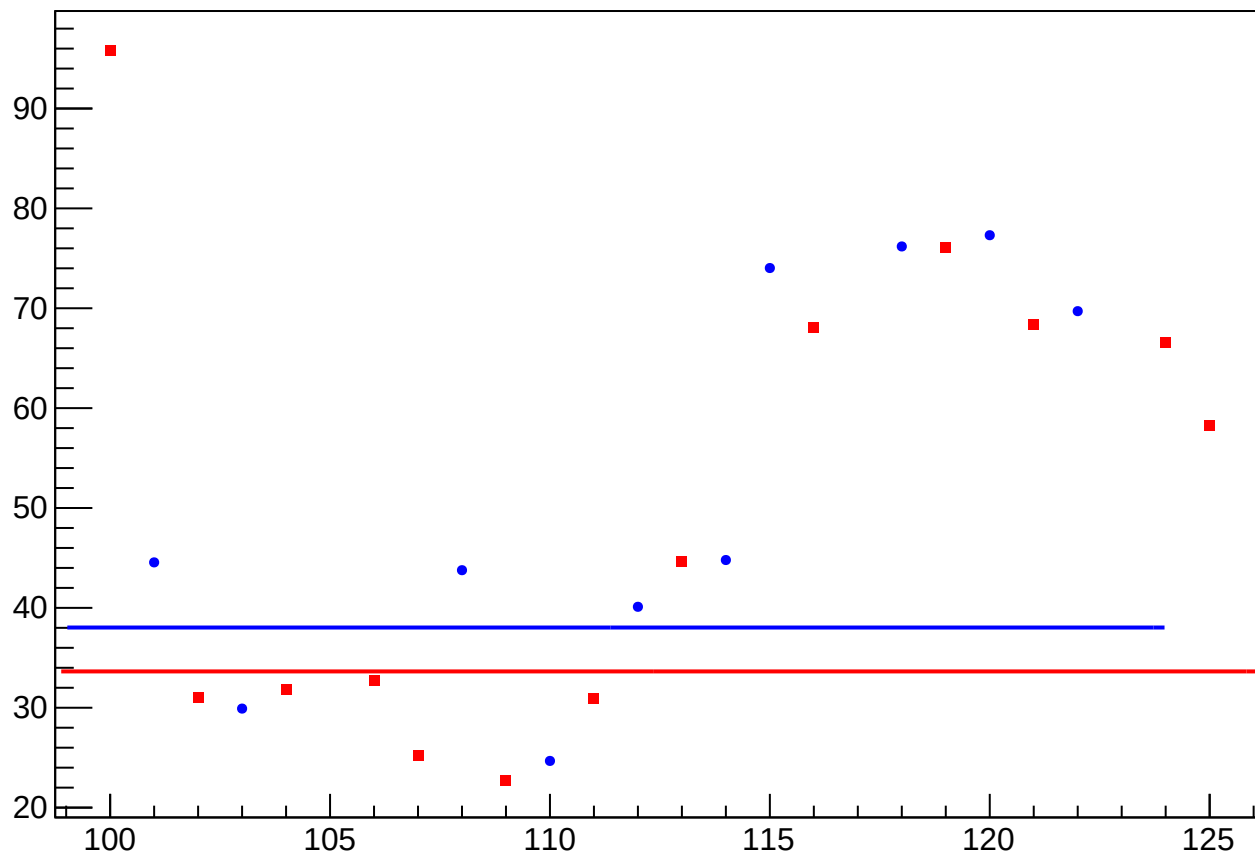
Right: 0.016+/-0.013 χ^2/NDF : 35.9/22

In: 0.061+/-0.021 χ^2/NDF : 11.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.013 χ^2/NDF : 35.9/22

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: 33.637+/-0.012 χ^2/NDF : 1246486.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

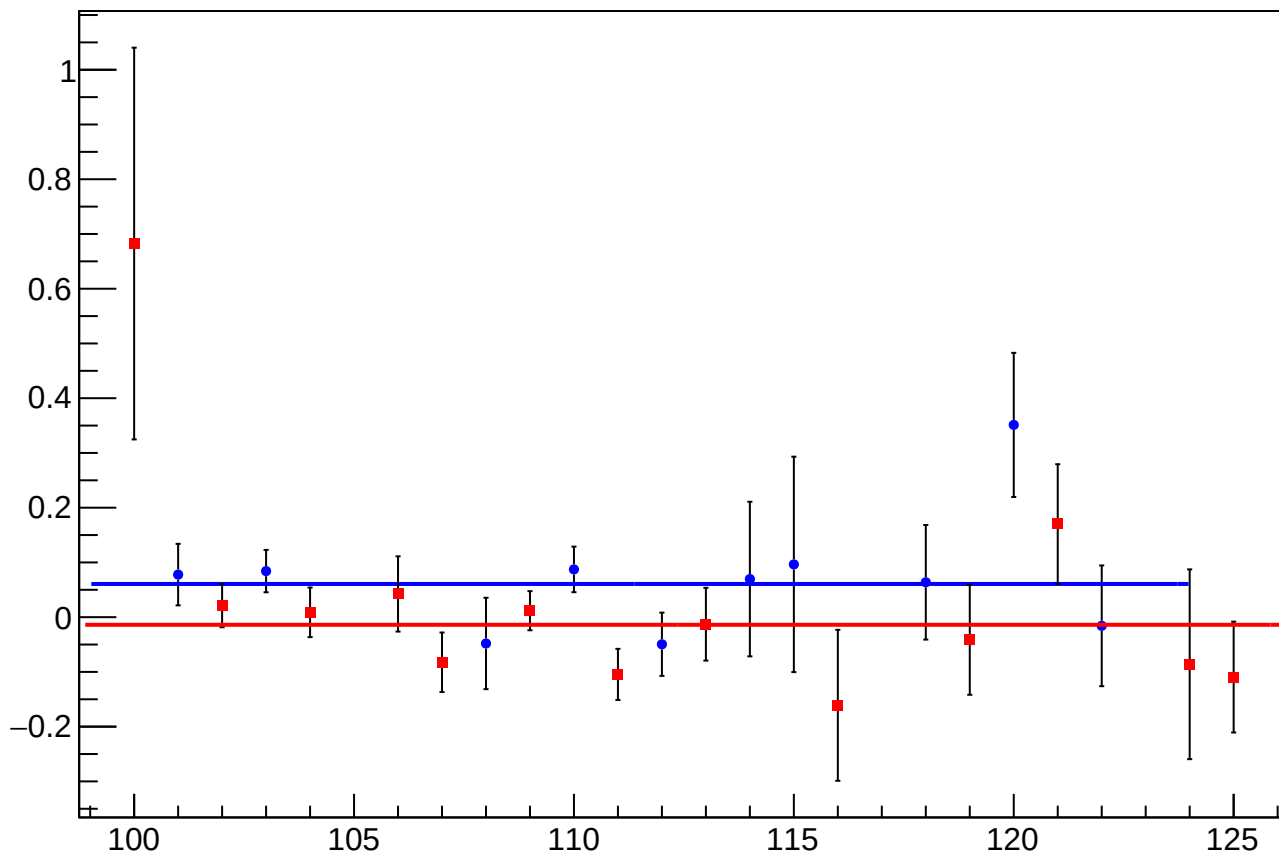
Right: 35.376+/-0.009 χ^2/NDF : 2314043.9/22

In: 38.033+/-0.015 χ^2/NDF :1013541.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 35.376+/-0.009 χ^2/NDF : 2314043.9/22

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: -0.014+/-0.017 χ^2/NDF : 16.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

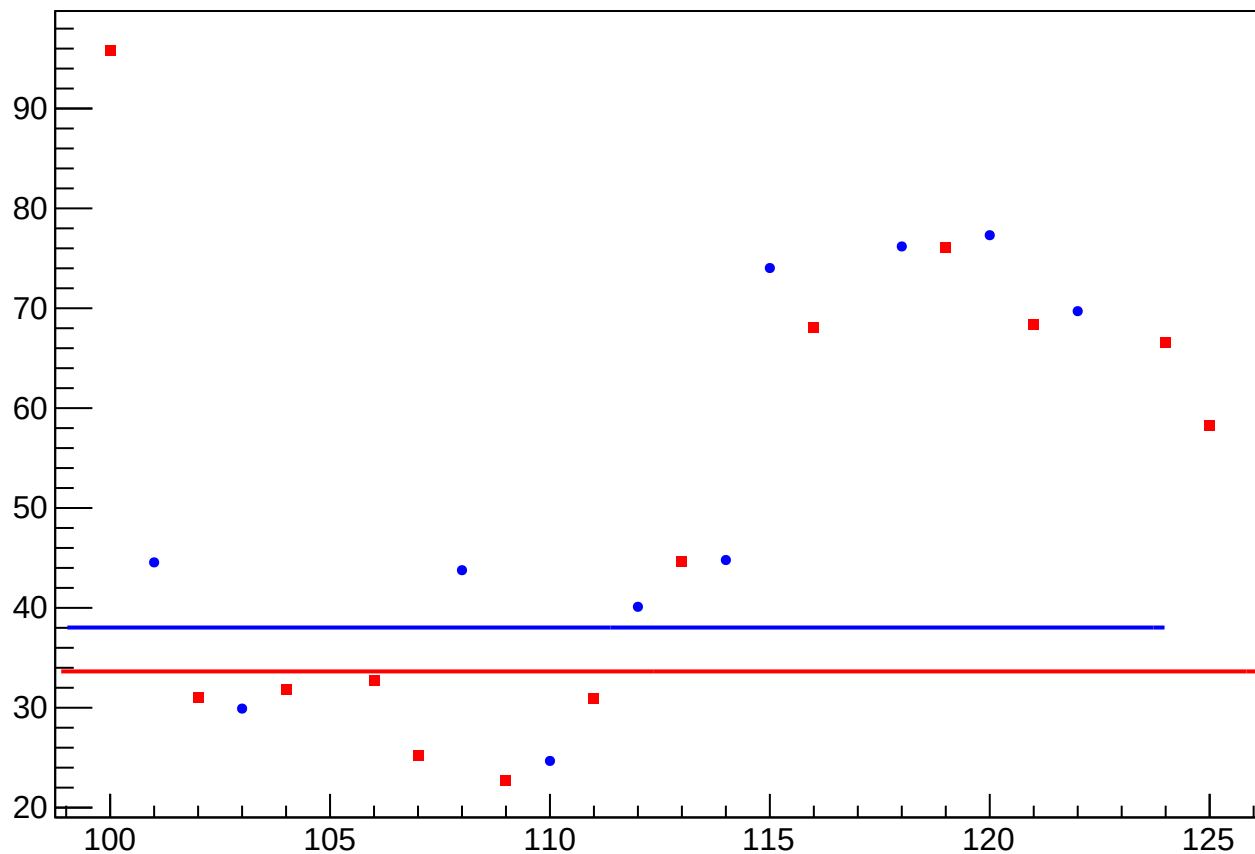
Right: 0.016+/-0.013 χ^2/NDF : 35.9/22

In: 0.061+/-0.021 χ^2/NDF : 11.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.013 χ^2/NDF : 35.9/22

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: 33.637+/-0.012 χ^2/NDF : 1246486.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

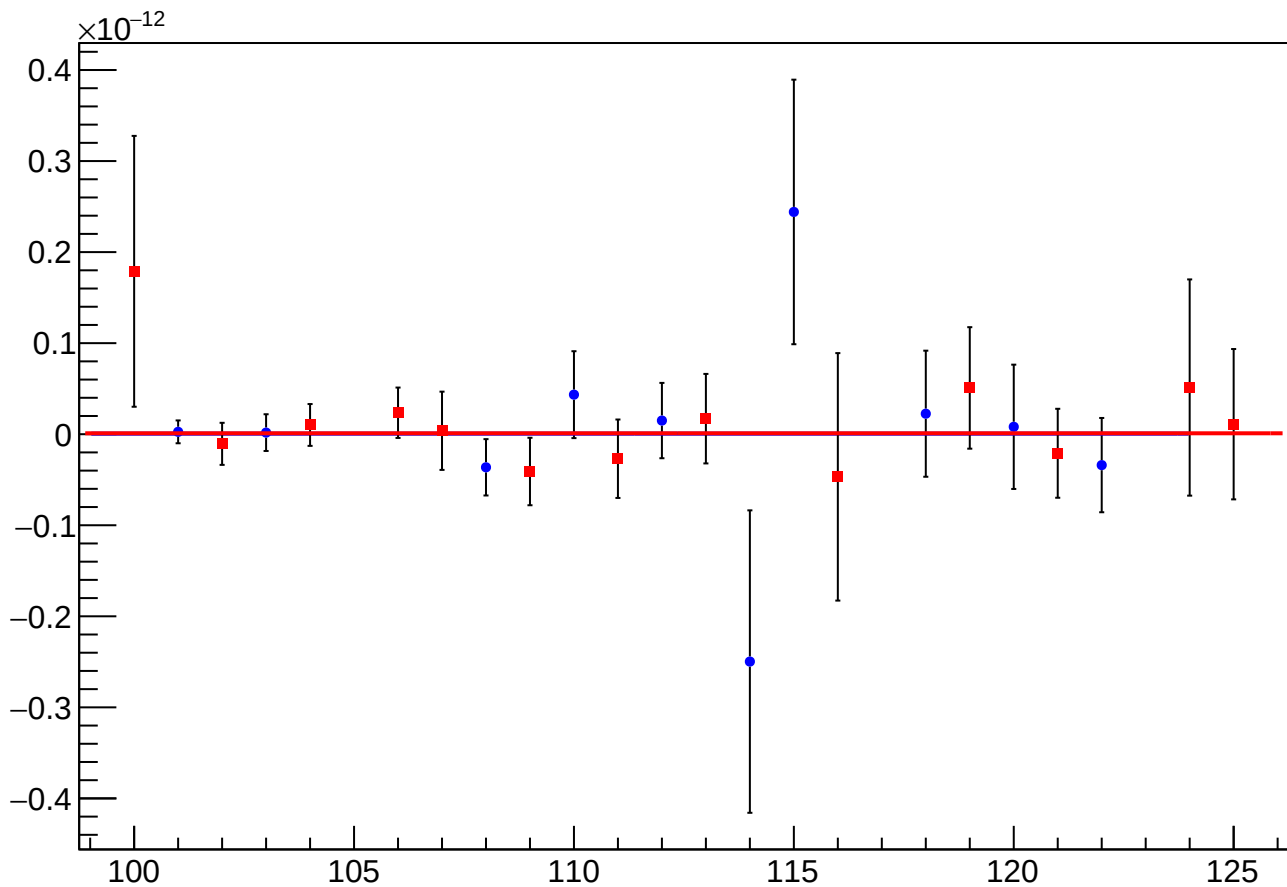
Right: 35.376+/-0.009 χ^2/NDF : 2314043.9/22

In: 38.033+/-0.015 χ^2/NDF :1013541.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 35.376+/-0.009 χ^2/NDF : 2314043.9/22

asym_sam6_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

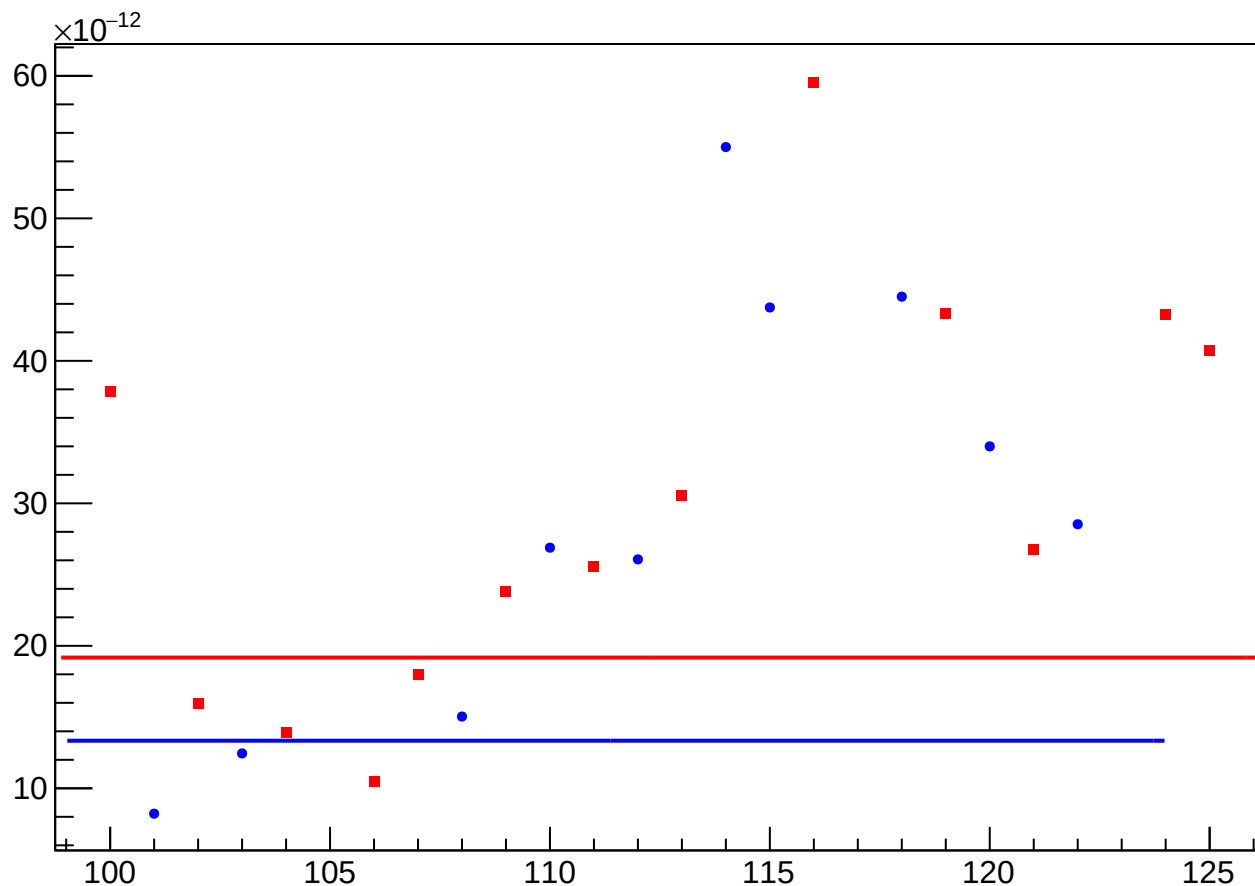
Right: 0.000+/-0.000 χ^2/NDF : 13.4/22

In: 0.000+/-0.000 χ^2/NDF : 8.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.4/22

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 : 1261965.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

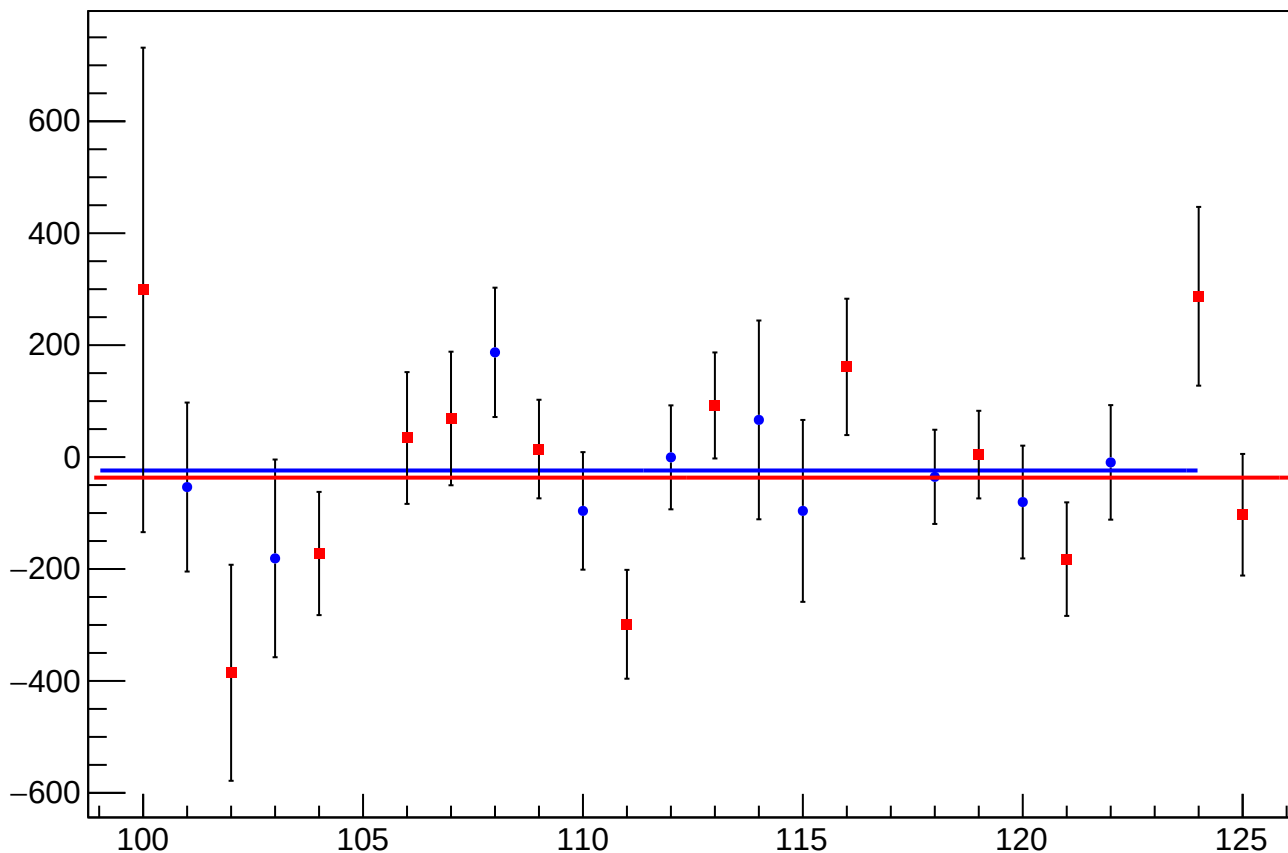
Right: 0.000+/-0.000 χ^2/NDF : 3259768.5/22

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 : 3259768.5/22

reg_asym_sam7_mean vs Slug, Sign Corrected



Right In: -23.965 ± 36.223 $\chi^2/\text{NDF}: 5.5/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -36.729 ± 30.790 $\chi^2/\text{NDF}: 25.4/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

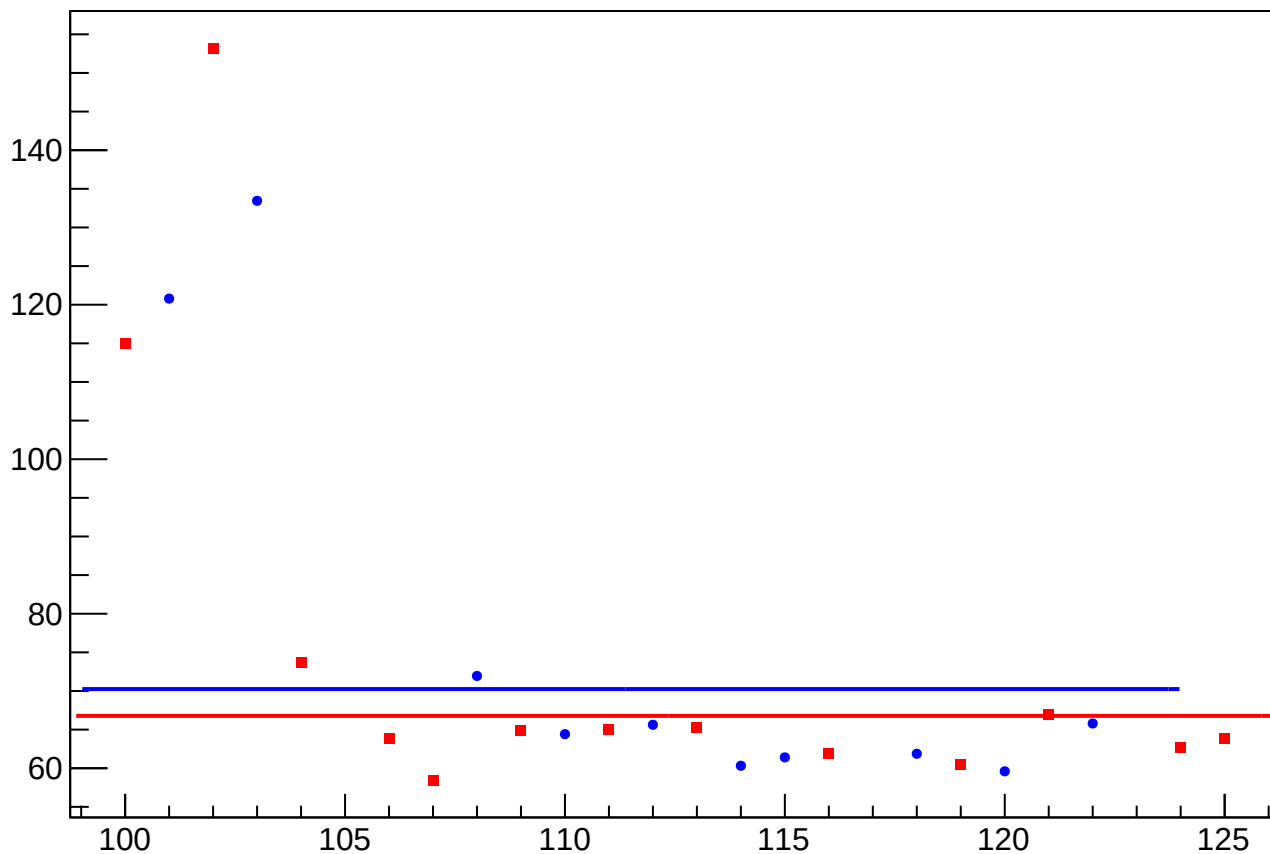
Right: -31.375 ± 23.460 $\chi^2/\text{NDF}: 31.0/22$

In: -23.965 ± 36.223 $\chi^2/\text{NDF}: 5.5/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -31.375 ± 23.460 $\chi^2/\text{NDF}: 31.0/22$

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 70.247 $\pm$ 0.026 χ^2 /NDF: 549861.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 66.781 $\pm$ 0.022 χ^2 /NDF: 465068.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

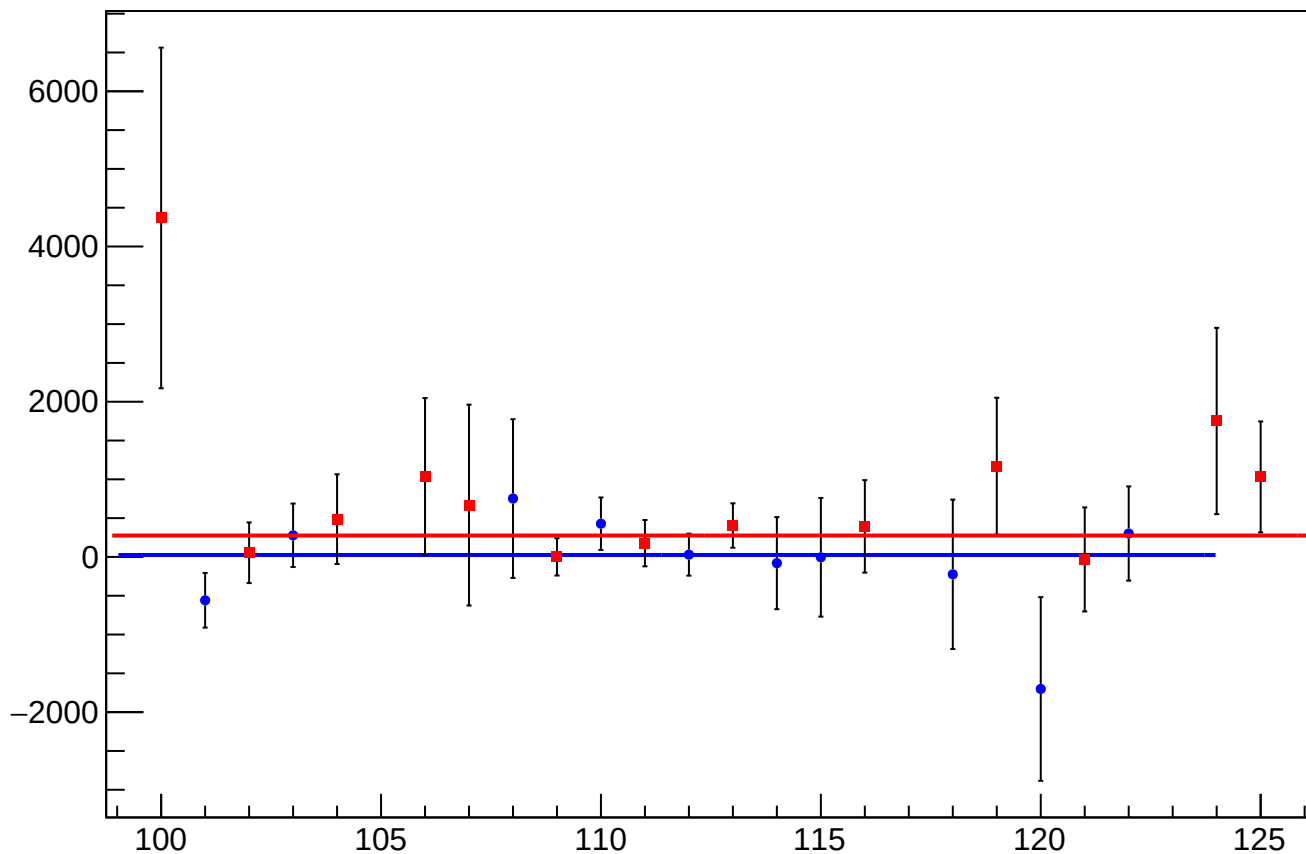
Right: 68.235 $\pm$ 0.017 χ^2 /NDF: 1025560.4/22

In: 70.247 $\pm$ 0.026 χ^2 /NDF:549861.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 68.235 $\pm$ 0.017 χ^2 /NDF: 1025560.4/22

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: 275.923+/-127.920 χ^2/NDF : 10.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

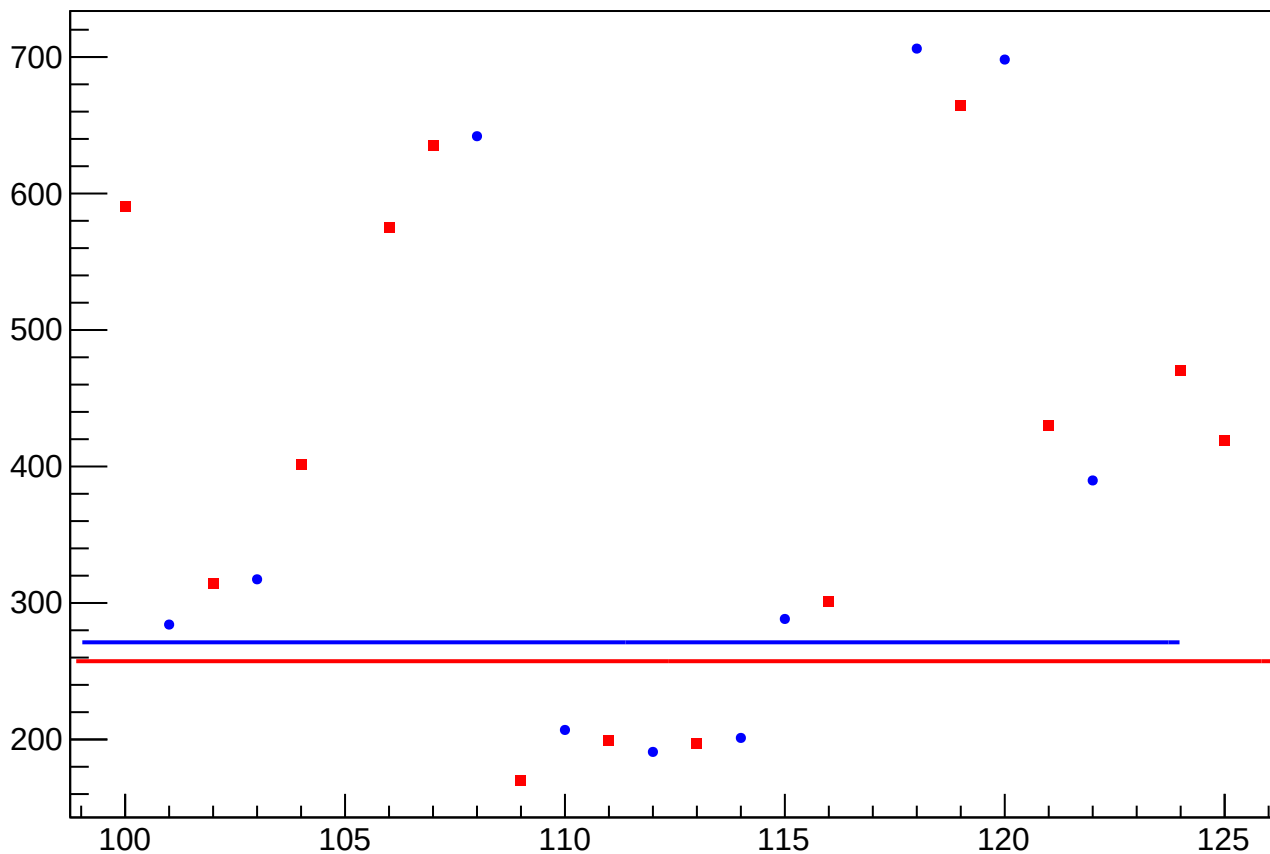
Right: 167.484+/-96.389 χ^2/NDF : 19.3/22

In: 25.035+/-146.614 χ^2/NDF : 7.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.484+/-96.389 χ^2/NDF : 19.3/22

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: 257.343+/-0.090 χ^2/NDF : 1746527.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

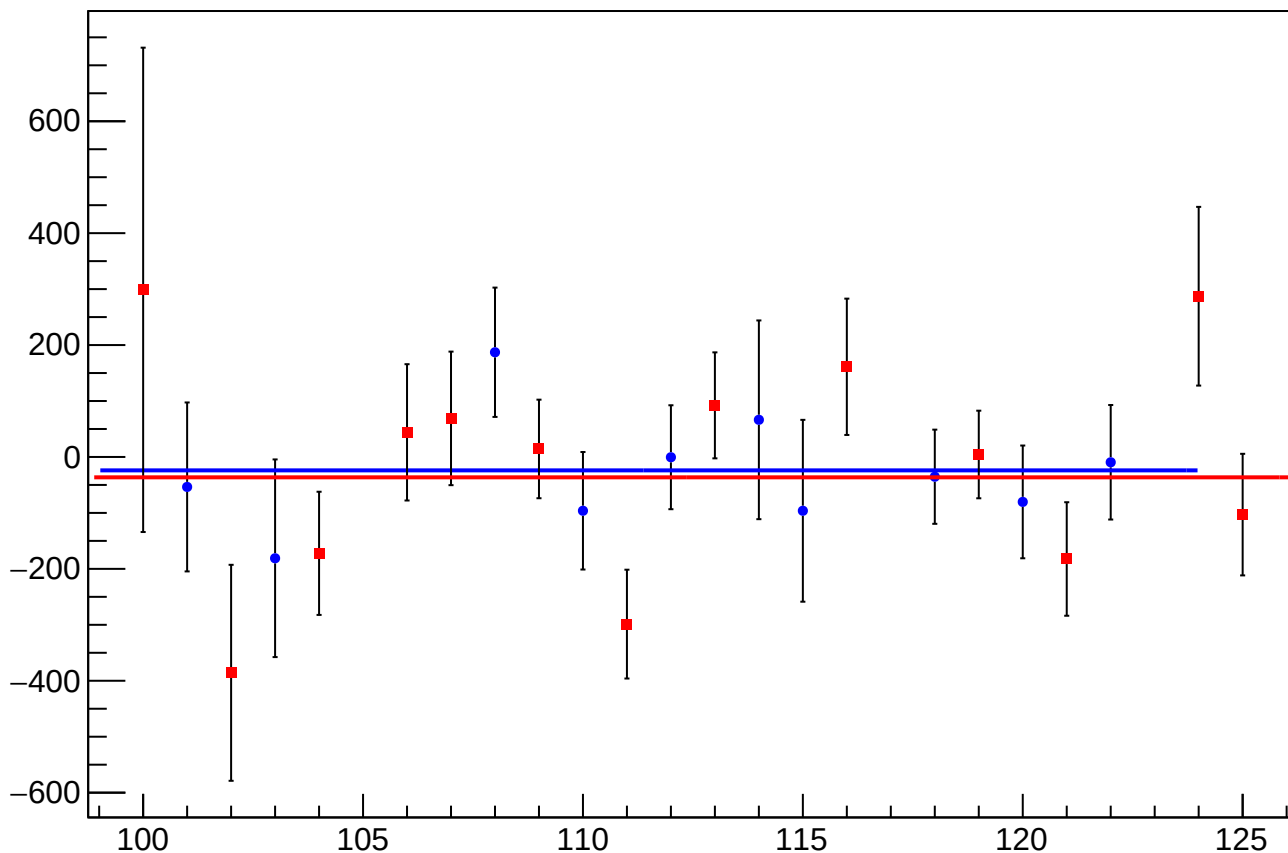
Right: 263.324+/-0.068 χ^2/NDF : 3070785.0/22

In: 271.181+/-0.104 χ^2/NDF :1314141.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 263.324+/-0.068 χ^2/NDF : 3070785.0/22

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: -36.415 ± 30.860 χ^2/NDF : 25.5/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

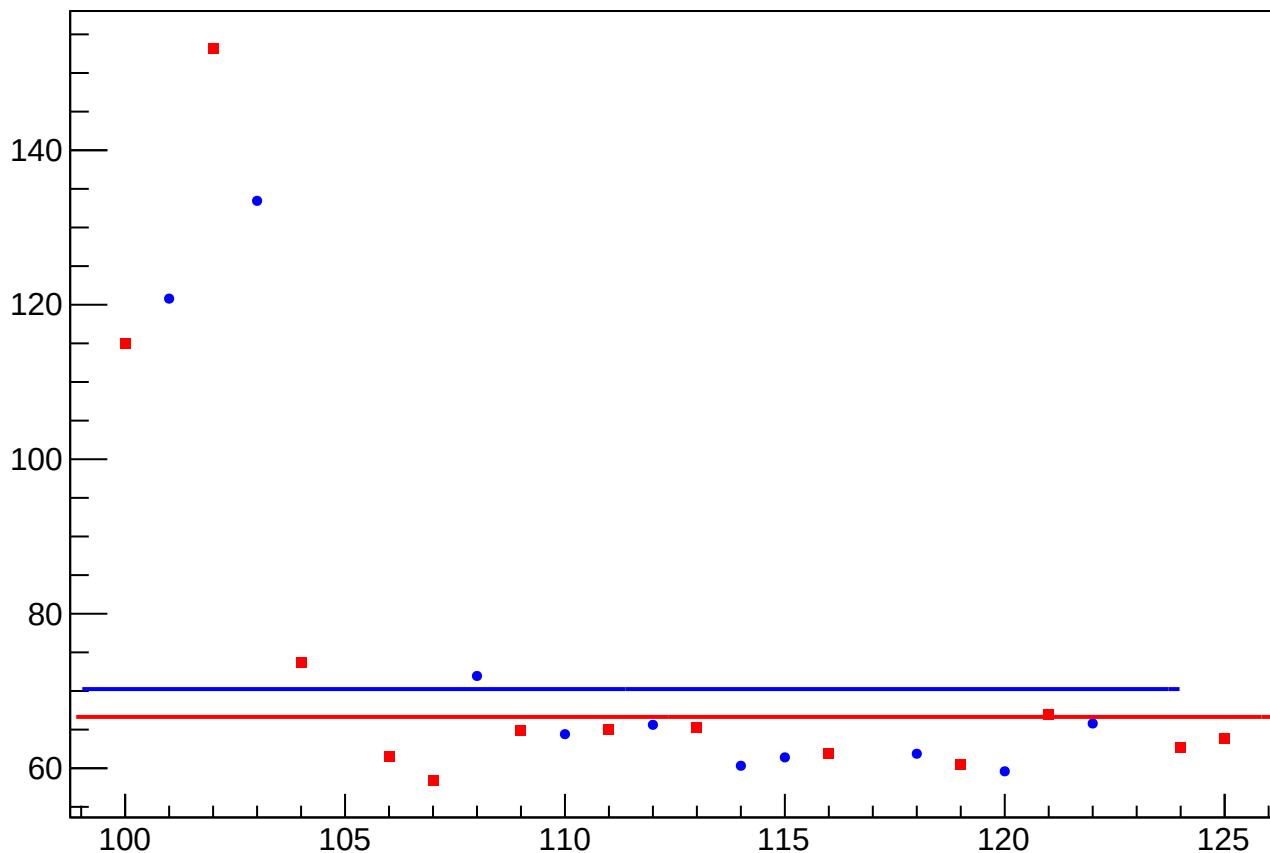
Right: -31.180 ± 23.491 χ^2/NDF : 31.1/22

In: -23.967 ± 36.223 χ^2/NDF : 5.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -31.180 ± 23.491 χ^2/NDF : 31.1/22

cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 70.247 $\pm$ 0.026 χ^2 /NDF: 549862.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 66.643 $\pm$ 0.022 χ^2 /NDF: 467550.3/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

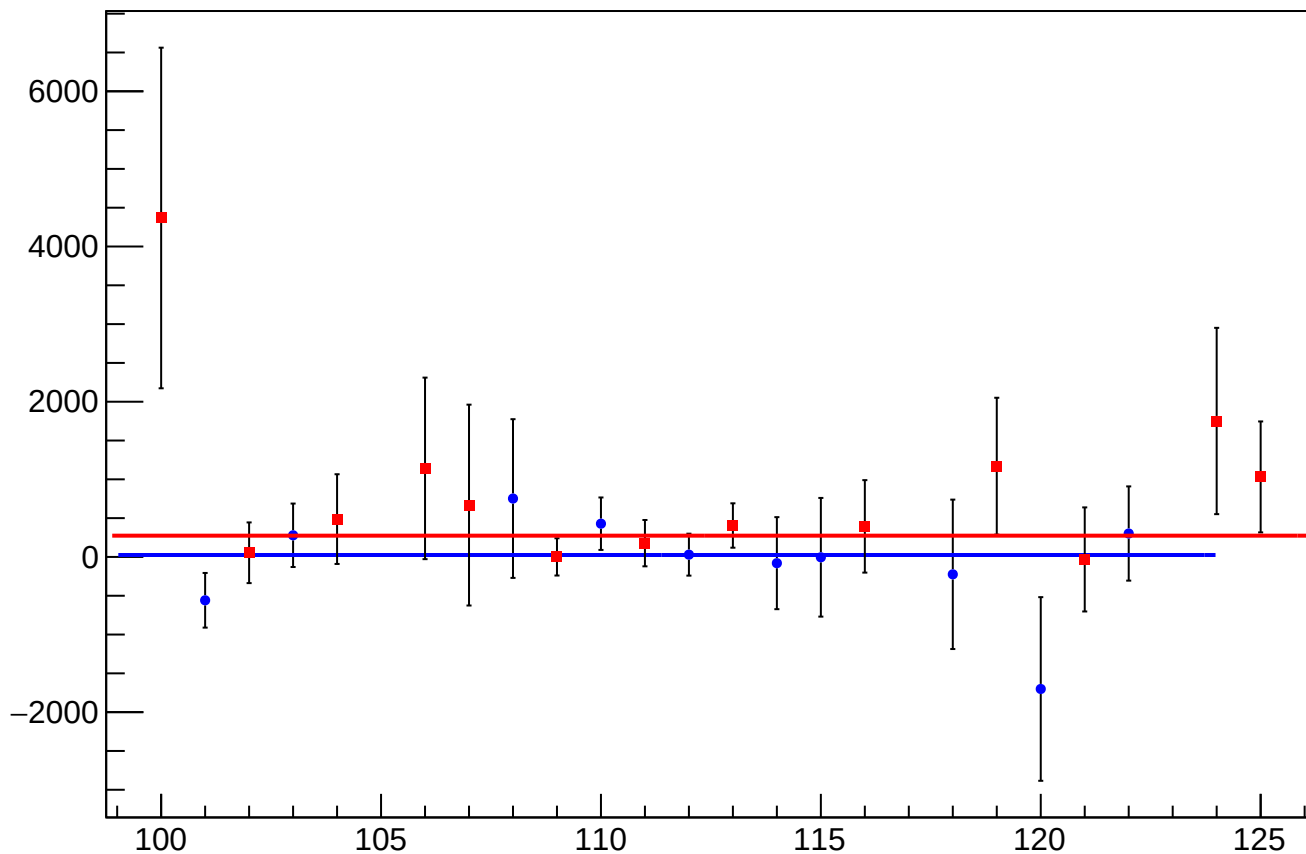
Right: 68.159 $\pm$ 0.017 χ^2 /NDF: 1028888.4/22

In: 70.247 $\pm$ 0.026 χ^2 /NDF:549862.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 68.159 $\pm$ 0.017 χ^2 /NDF: 1028888.4/22

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: 274.131+/-128.185 χ^2/NDF : 10.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

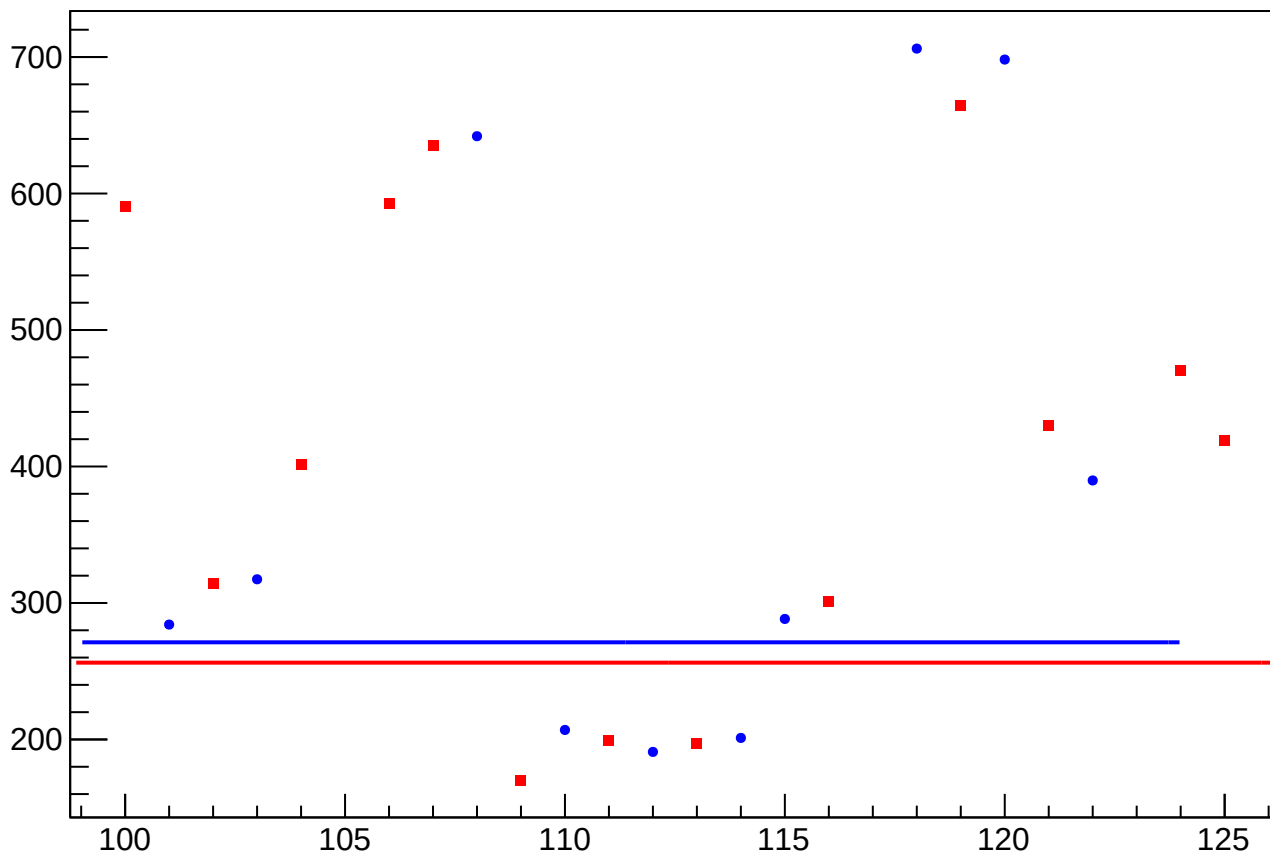
Right: 166.217+/-96.503 χ^2/NDF : 19.2/22

In: 25.041+/-146.615 χ^2/NDF : 7.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.217+/-96.503 χ^2/NDF : 19.2/22

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: 256.280+/-0.091 χ^2/NDF : 1713855.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

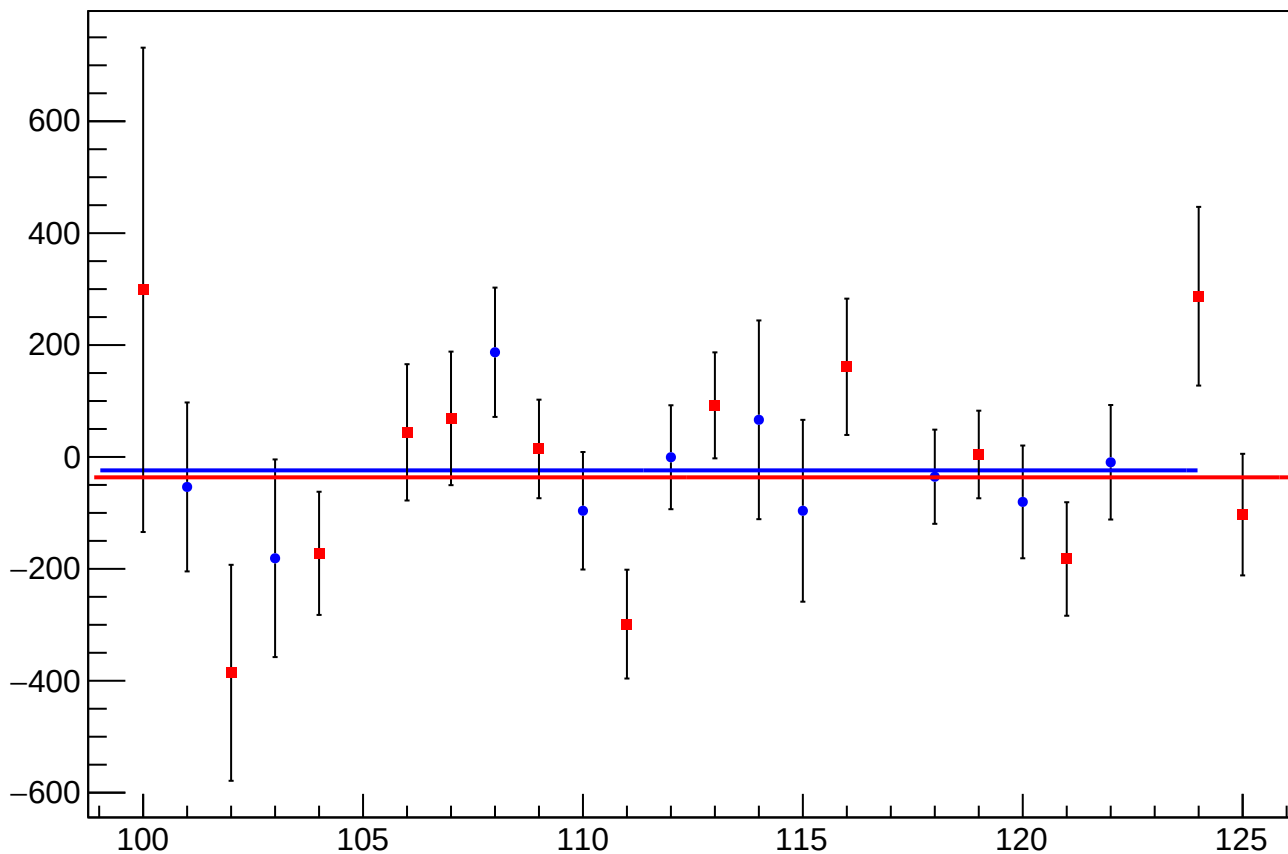
Right: 262.736+/-0.068 χ^2/NDF : 3039729.1/22

In: 271.183+/-0.104 χ^2/NDF :1314162.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 262.736+/-0.068 χ^2/NDF : 3039729.1/22

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: -36.415 ± 30.860 χ^2/NDF : 25.5/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

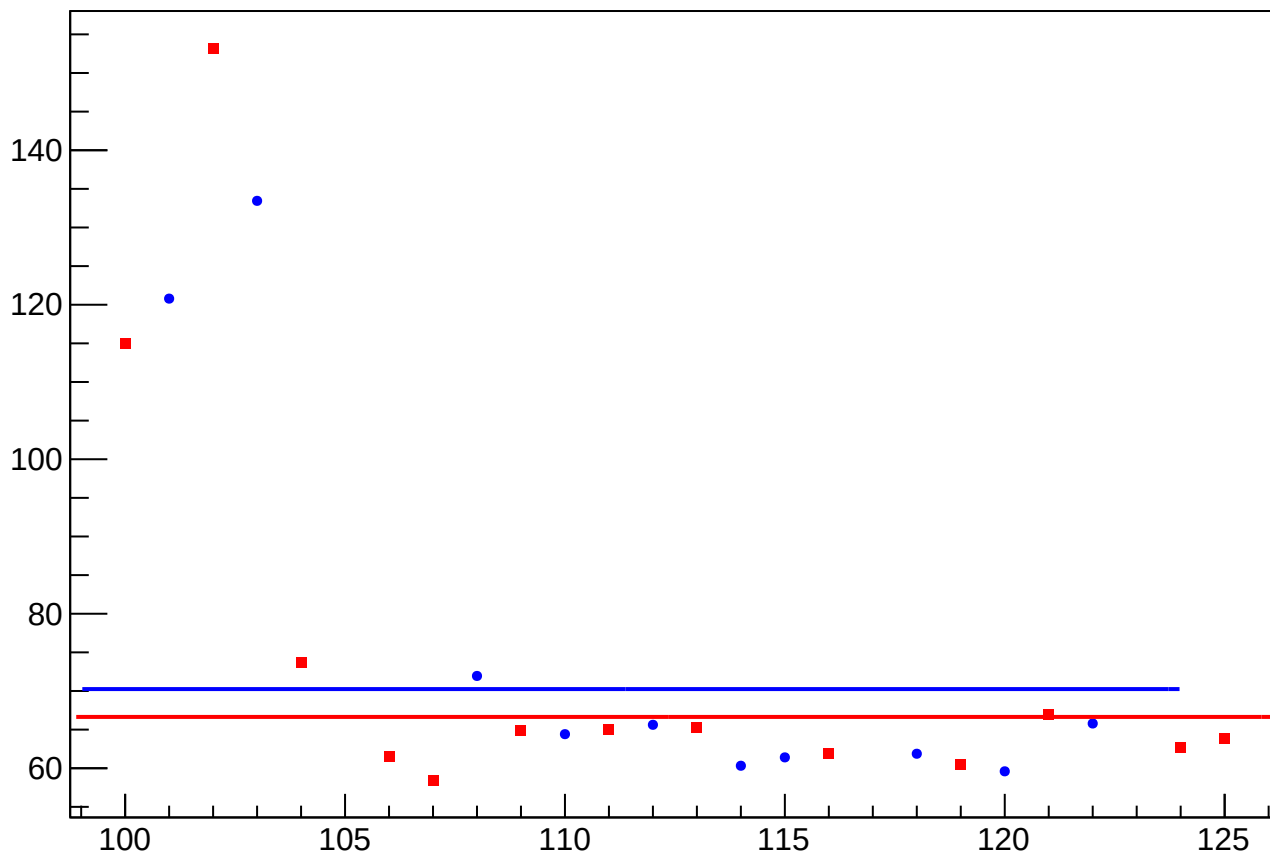
Right: -31.180 ± 23.491 χ^2/NDF : 31.1/22

In: -23.967 ± 36.223 χ^2/NDF : 5.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -31.180 ± 23.491 χ^2/NDF : 31.1/22

eigen_cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 70.247+/-0.026 χ^2/NDF : 549862.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.643+/-0.022 χ^2/NDF : 467550.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

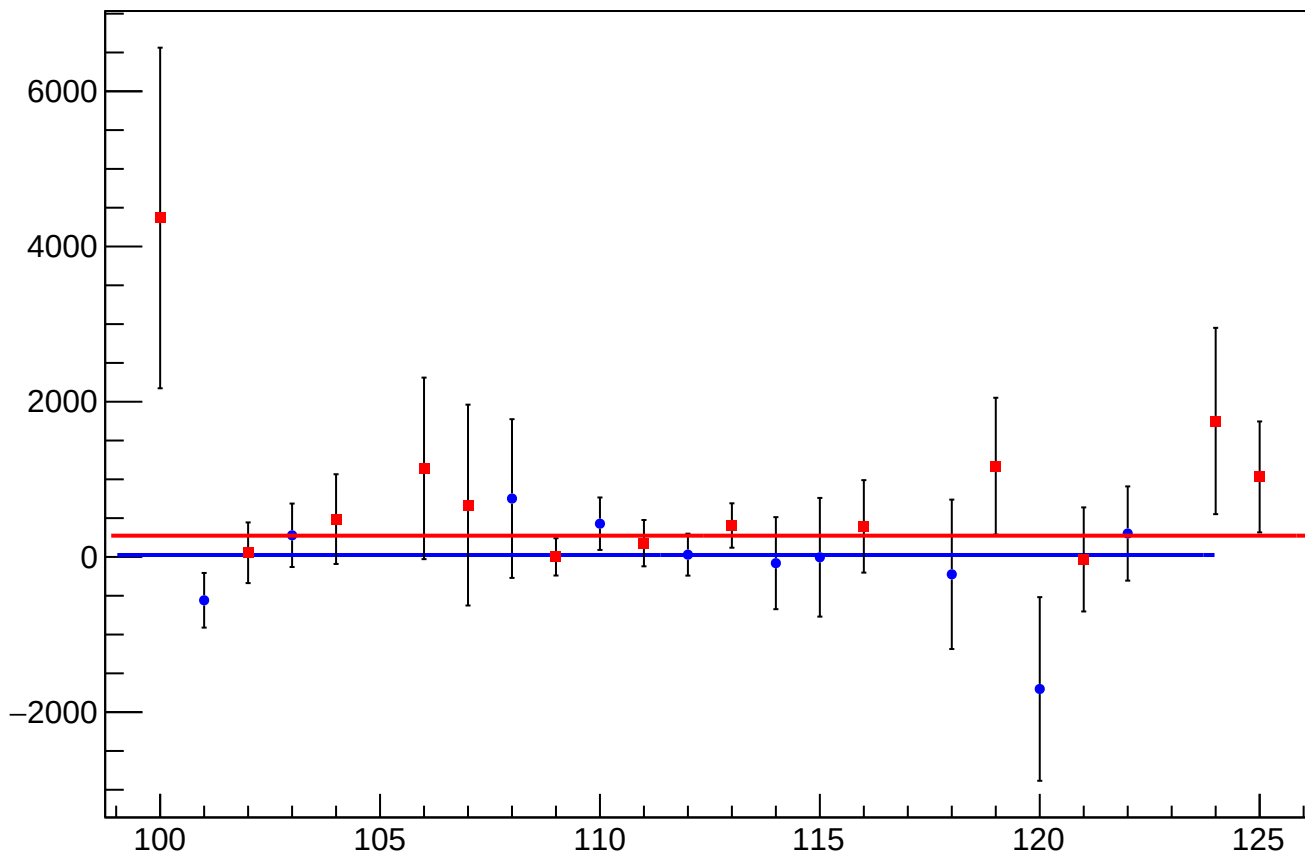
Right: 68.159+/-0.017 χ^2/NDF : 1028888.4/22

In: 70.247+/-0.026 χ^2/NDF : 549862.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.159+/-0.017 χ^2/NDF : 1028888.4/22

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: 274.131+/-128.185 χ^2/NDF : 10.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

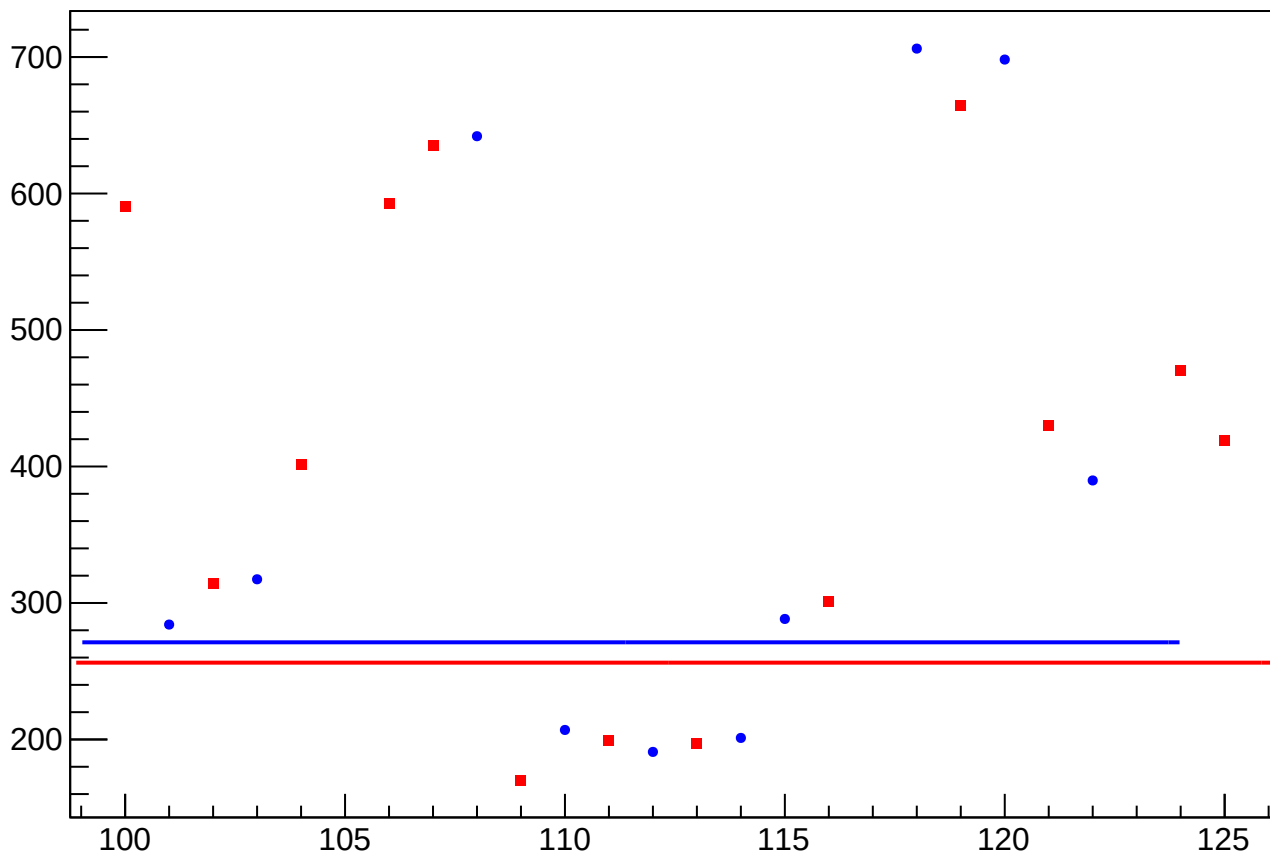
Right: 166.217+/-96.503 χ^2/NDF : 19.2/22

In: 25.041+/-146.615 χ^2/NDF : 7.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.217+/-96.503 χ^2/NDF : 19.2/22

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: 256.280+/-0.091 χ^2/NDF : 1713855.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

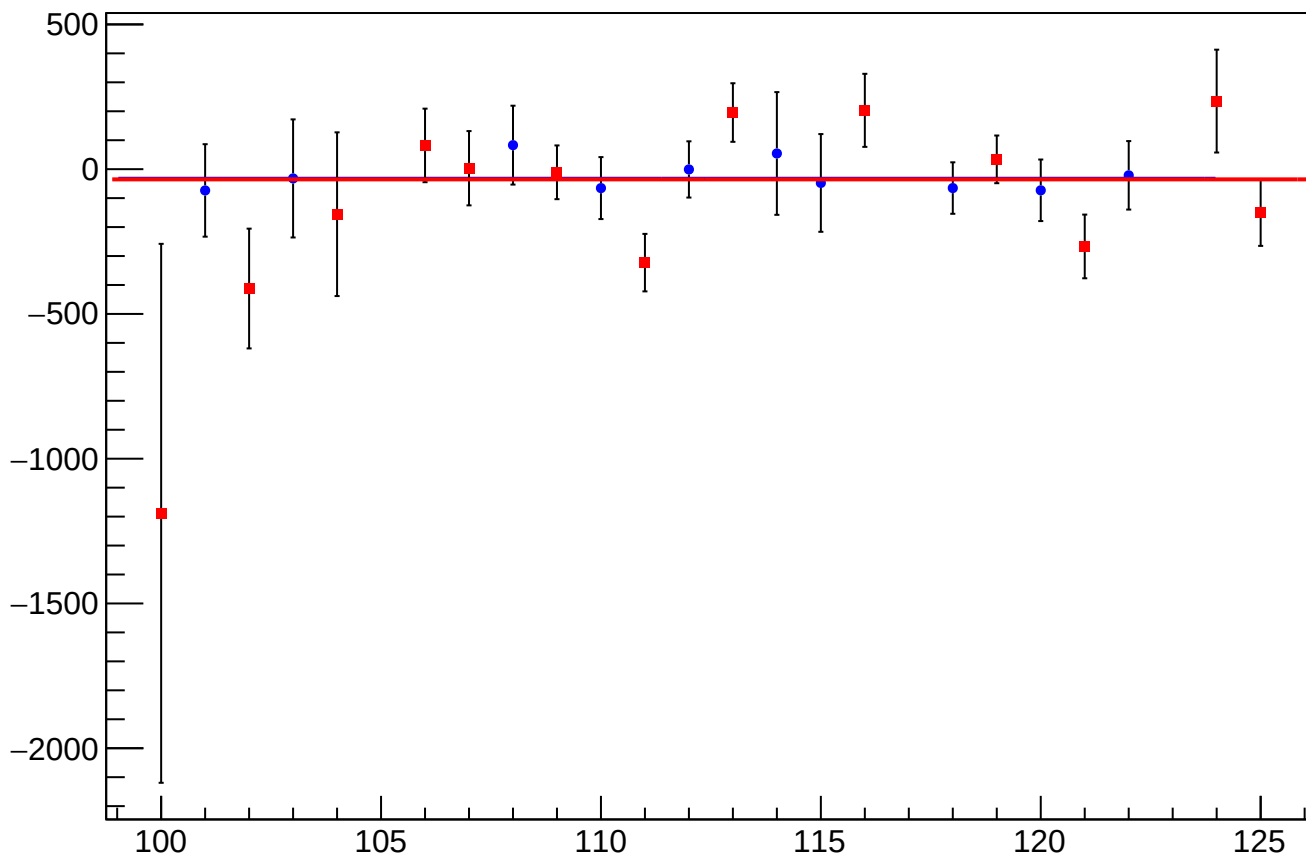
Right: 262.736+/-0.068 χ^2/NDF : 3039729.1/22

In: 271.183+/-0.104 χ^2/NDF :1314162.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 262.736+/-0.068 χ^2/NDF : 3039729.1/22

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: -35.217 ± 33.791 χ^2/NDF : 31.7/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

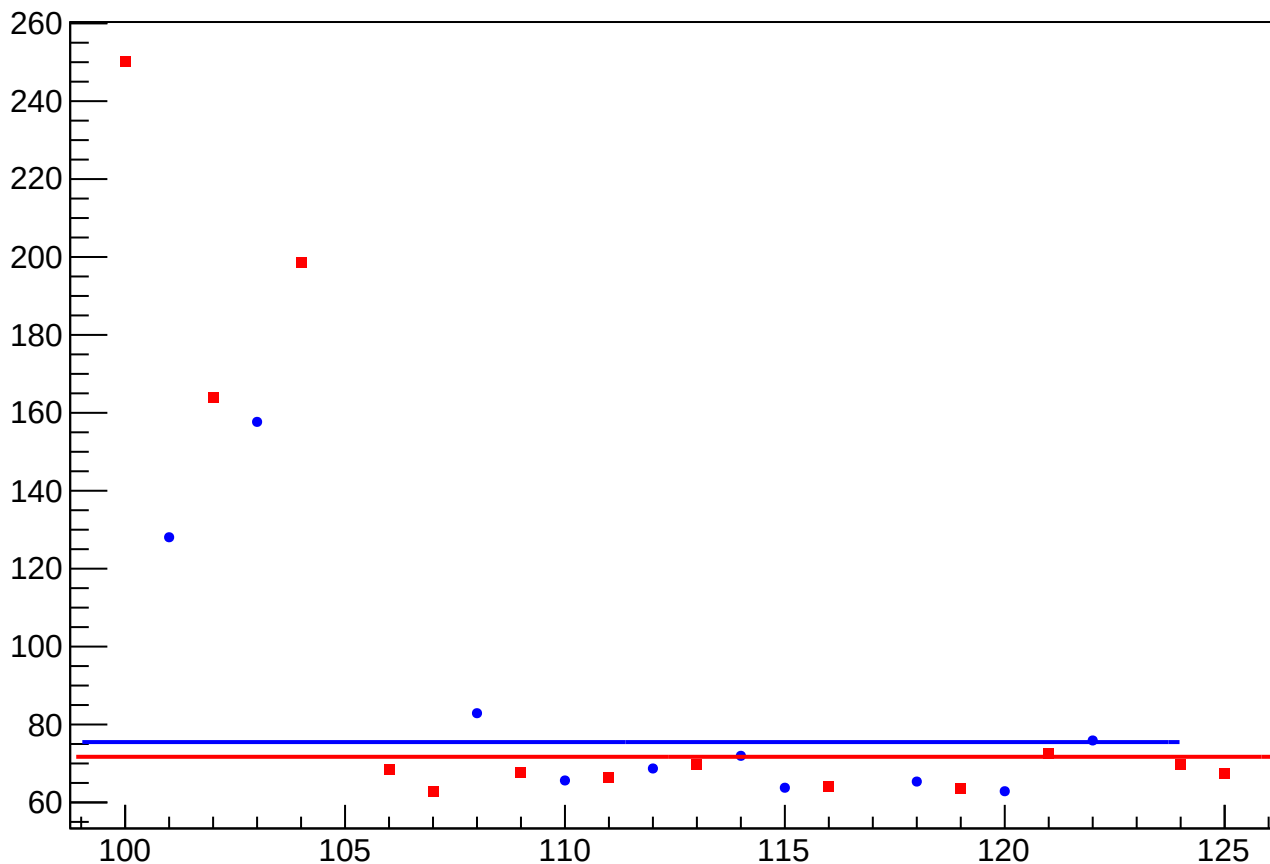
Right: -34.319 ± 25.564 χ^2/NDF : 33.1/22

In: -33.116 ± 39.093 χ^2/NDF : 1.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -34.319 ± 25.564 χ^2/NDF : 33.1/22

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: 71.711+/-0.024 χ^2/NDF : 925565.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

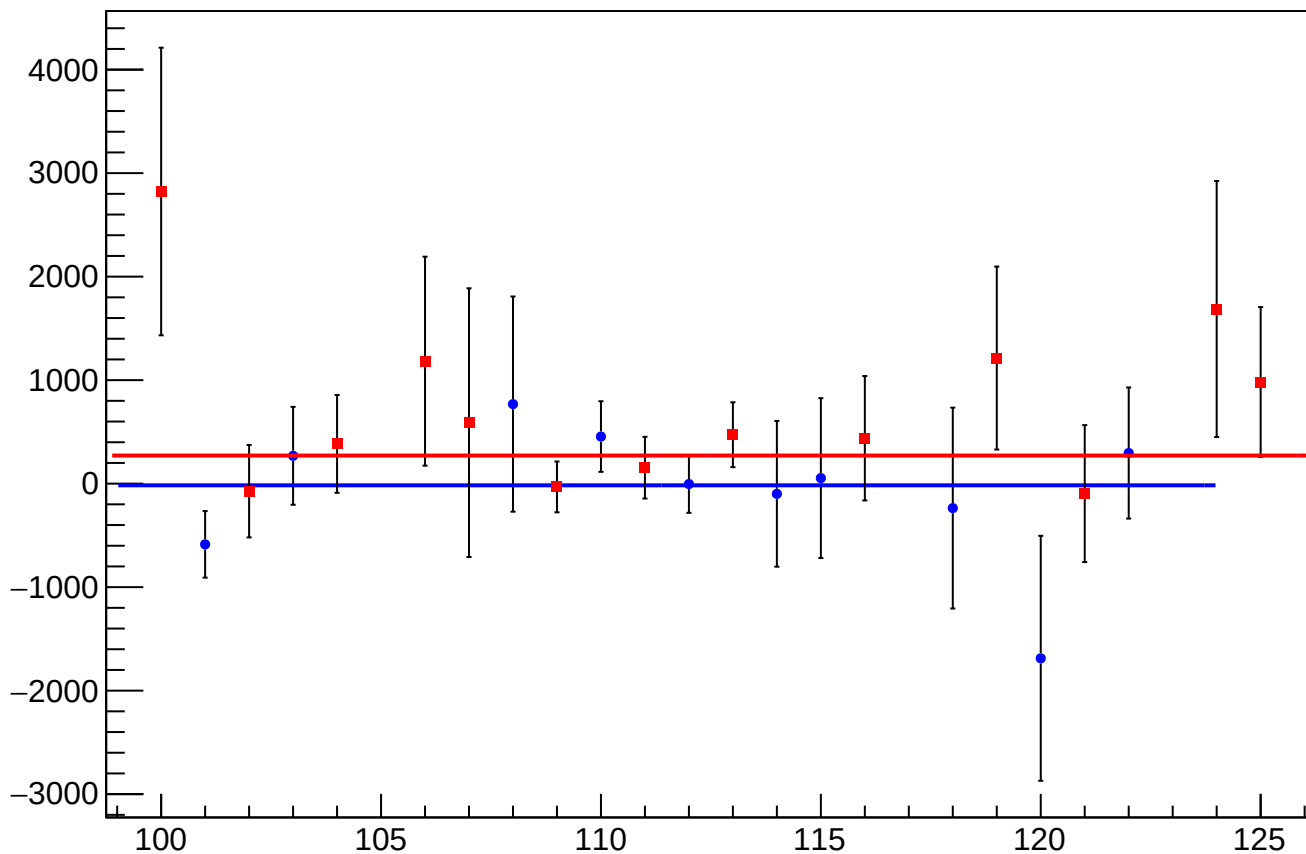
Right: 73.326+/-0.018 χ^2/NDF : 1574824.9/22

In: 75.488+/-0.028 χ^2/NDF : 638573.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.326+/-0.018 χ^2/NDF : 1574824.9/22

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: 271.356+/-130.737 χ^2/NDF : 10.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

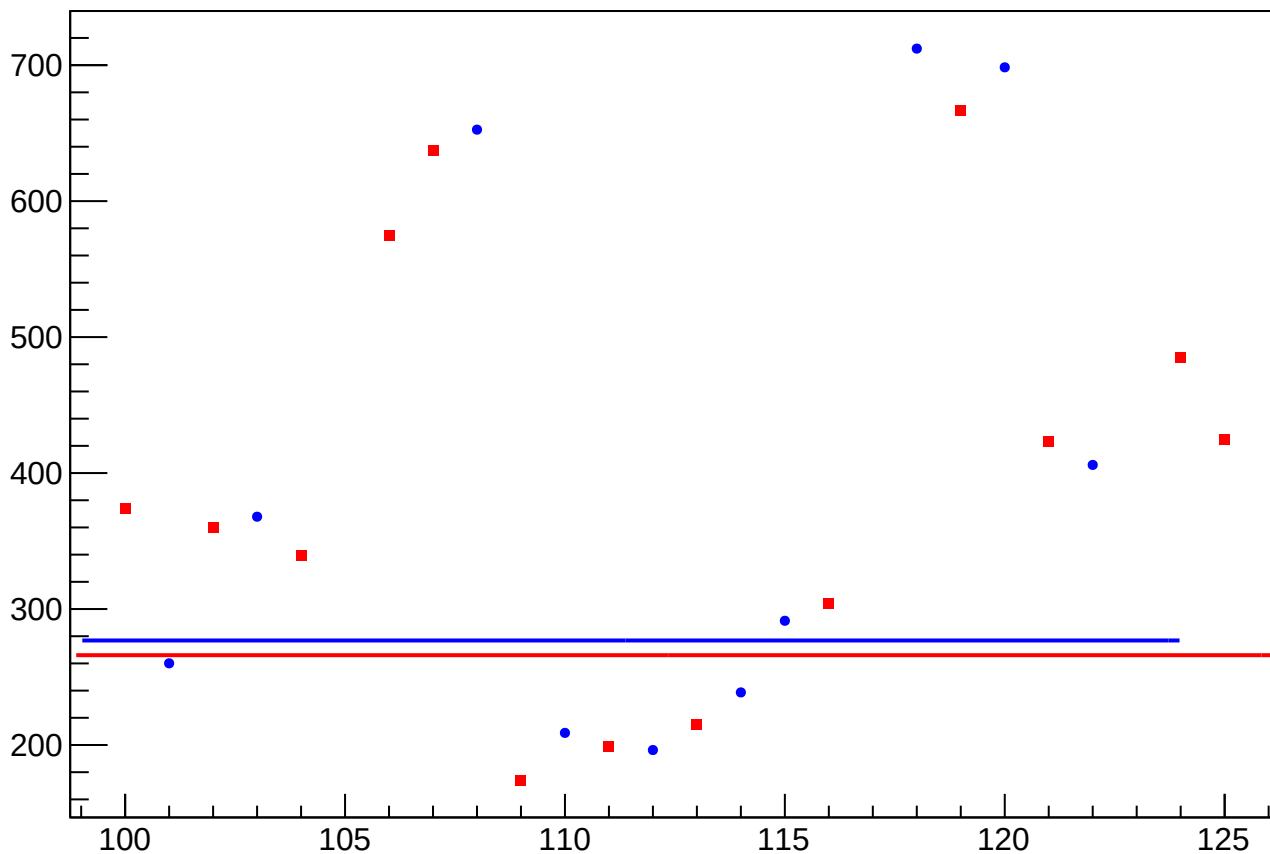
Right: 147.036+/-98.512 χ^2/NDF : 21.2/22

In: -16.276+/-149.843 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.036+/-98.512 χ^2/NDF : 21.2/22

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: 266.054+/-0.092 χ^2/NDF : 1624219.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

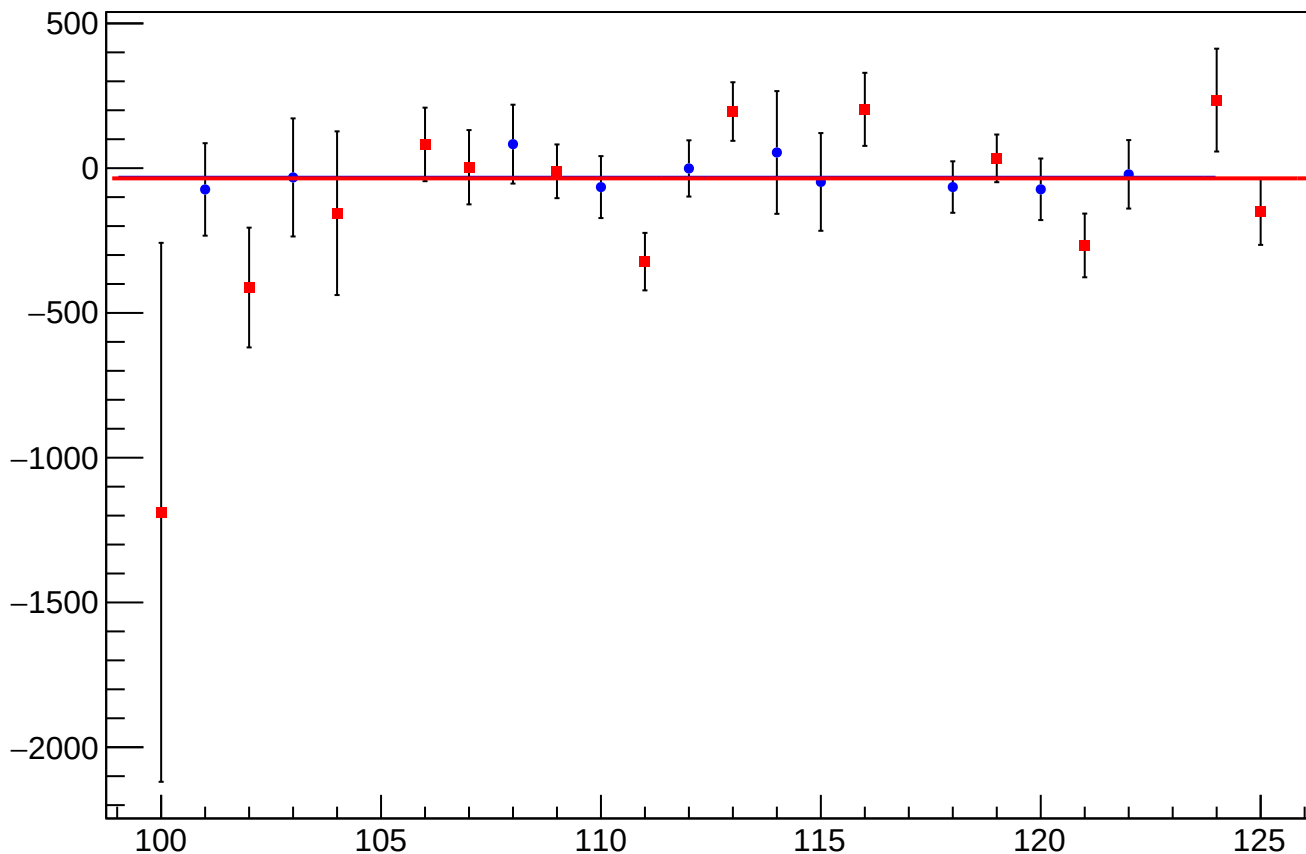
Right: 270.729+/-0.070 χ^2/NDF : 2963914.9/22

In: 276.871+/-0.106 χ^2/NDF :1333777.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 270.729+/-0.070 χ^2/NDF : 2963914.9/22

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: -35.219+/-33.791 χ^2/NDF : 31.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

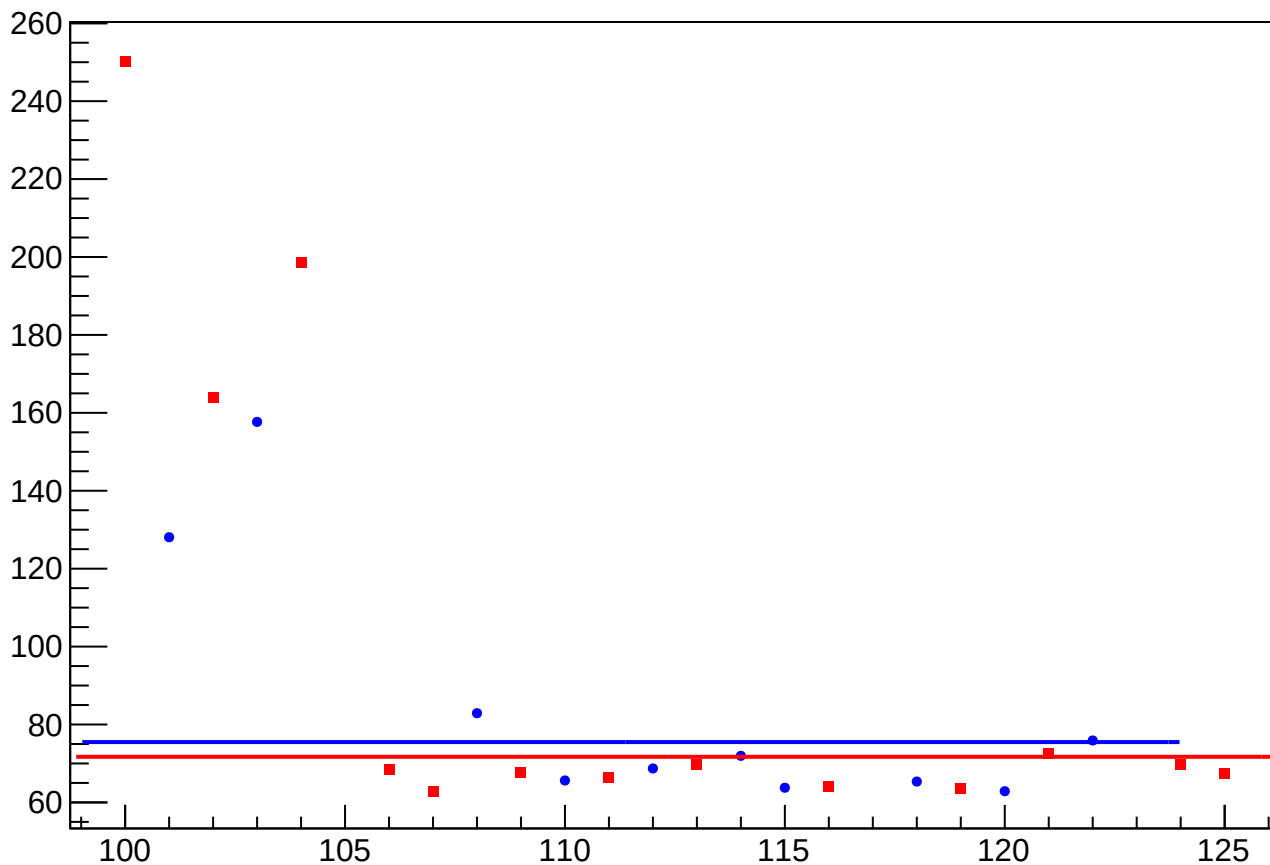
Right: -34.319+/-25.564 χ^2/NDF : 33.1/22

In: -33.115+/-39.093 χ^2/NDF : 1.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.319+/-25.564 χ^2/NDF : 33.1/22

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: 71.711+/-0.024 χ^2/NDF : 925566.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

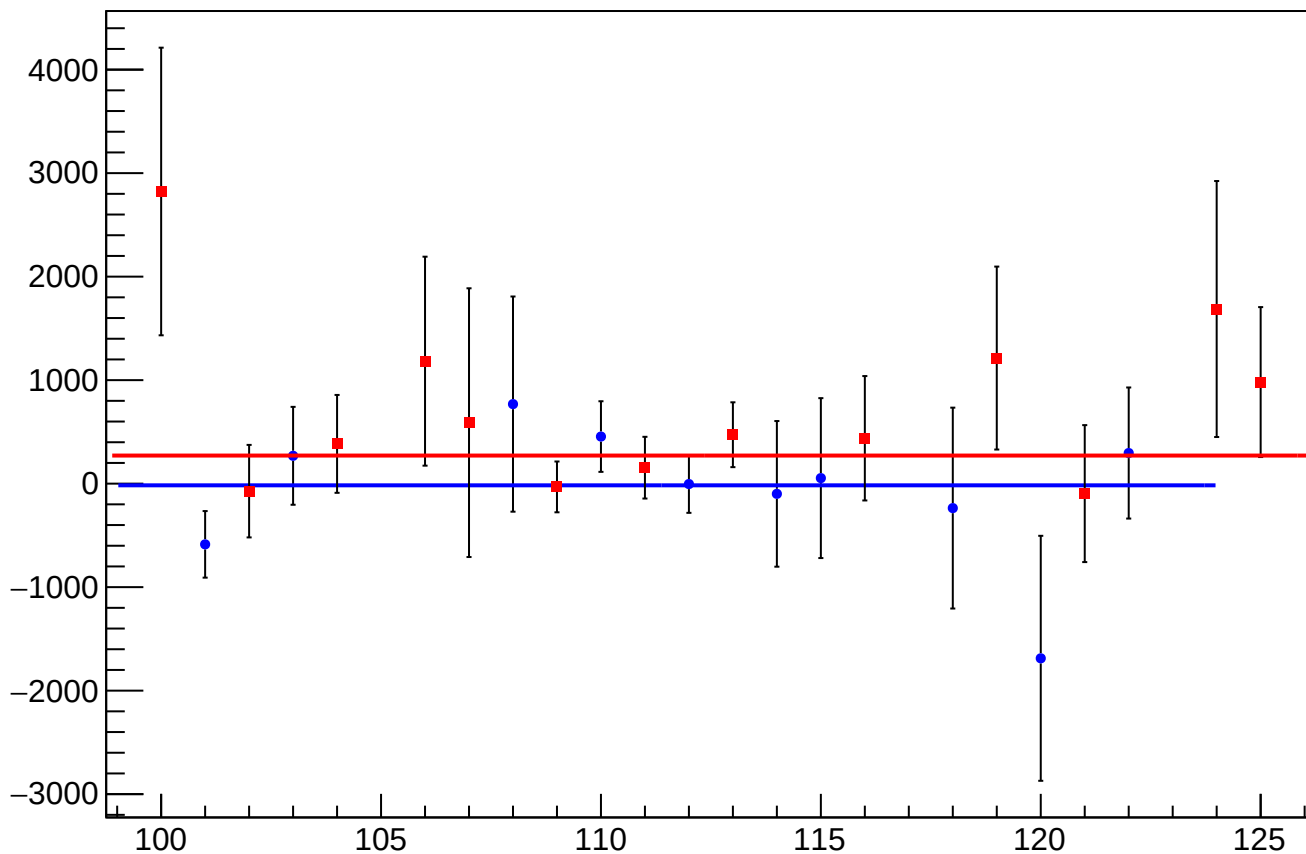
Right: 73.326+/-0.018 χ^2/NDF : 1574827.1/22

In: 75.488+/-0.028 χ^2/NDF : 638575.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.326+/-0.018 χ^2/NDF : 1574827.1/22

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: 271.354 ± 130.736 χ^2/NDF : 10.8/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

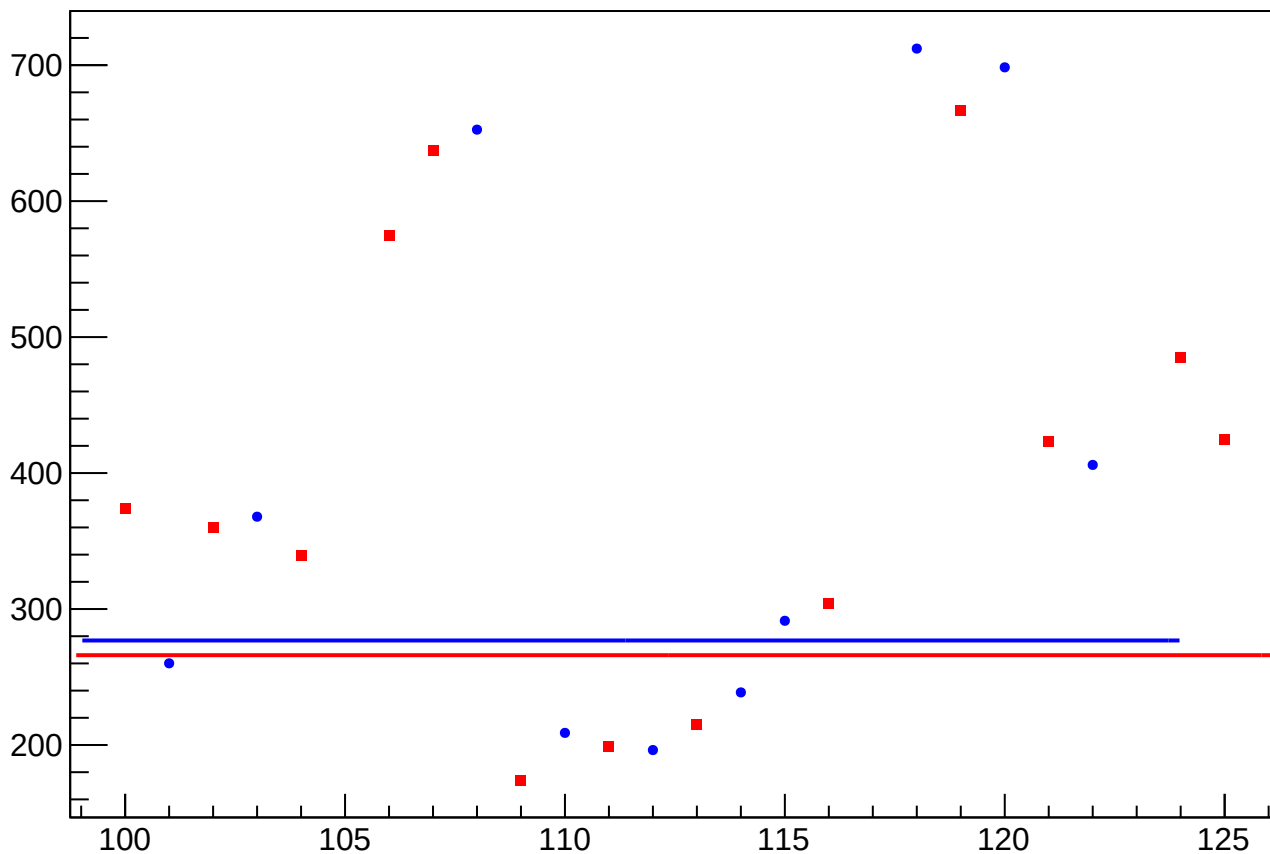
Right: 147.035 ± 98.511 χ^2/NDF : 21.2/22

In: -16.276 ± 149.842 χ^2/NDF : 8.3/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 147.035 ± 98.511 χ^2/NDF : 21.2/22

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: 266.052+/-0.092 χ^2/NDF : 1624226.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

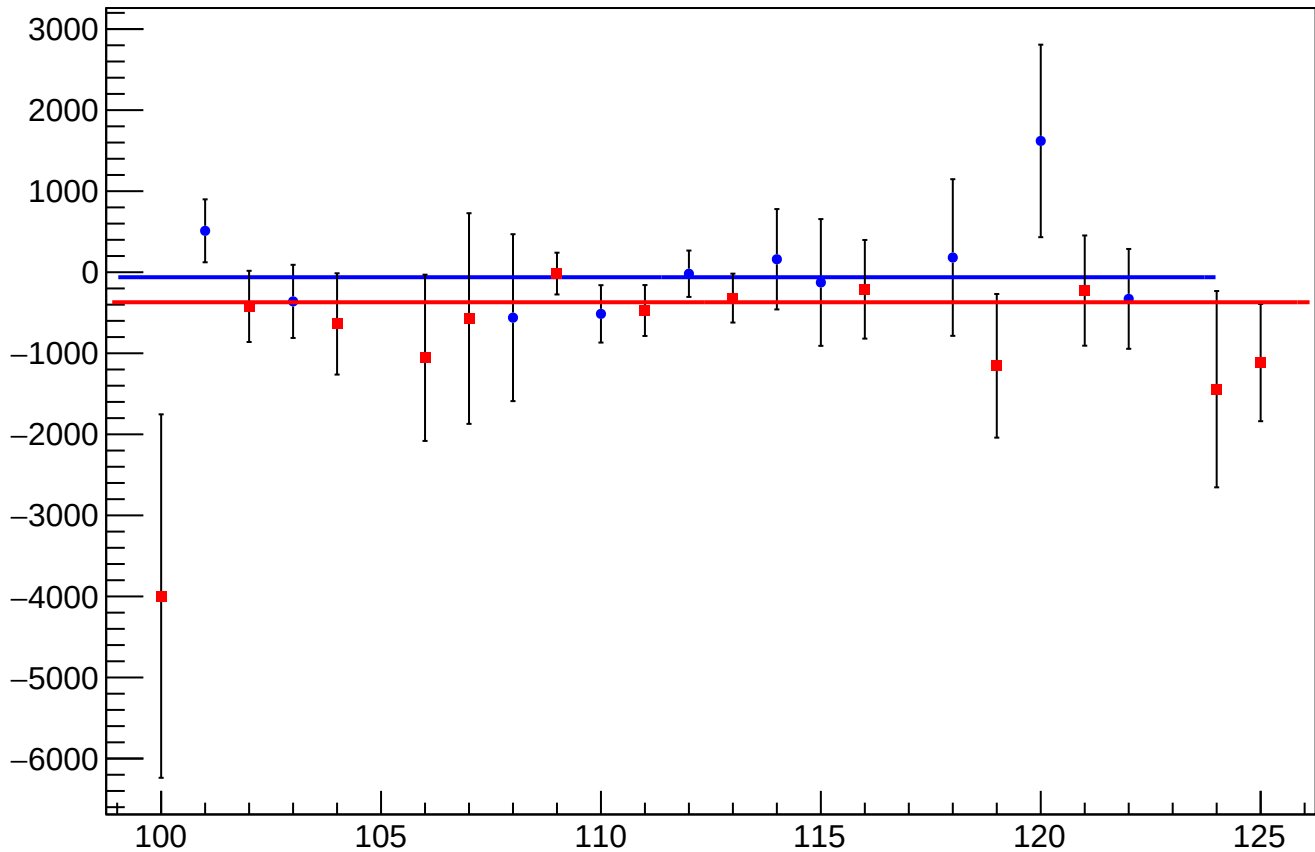
Right: 270.727+/-0.070 χ^2/NDF : 2963937.6/22

In: 276.868+/-0.106 χ^2/NDF :1333794.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 270.727+/-0.070 χ^2/NDF : 2963937.6/22

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: -370.320+/-135.568 χ^2/NDF : 8.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

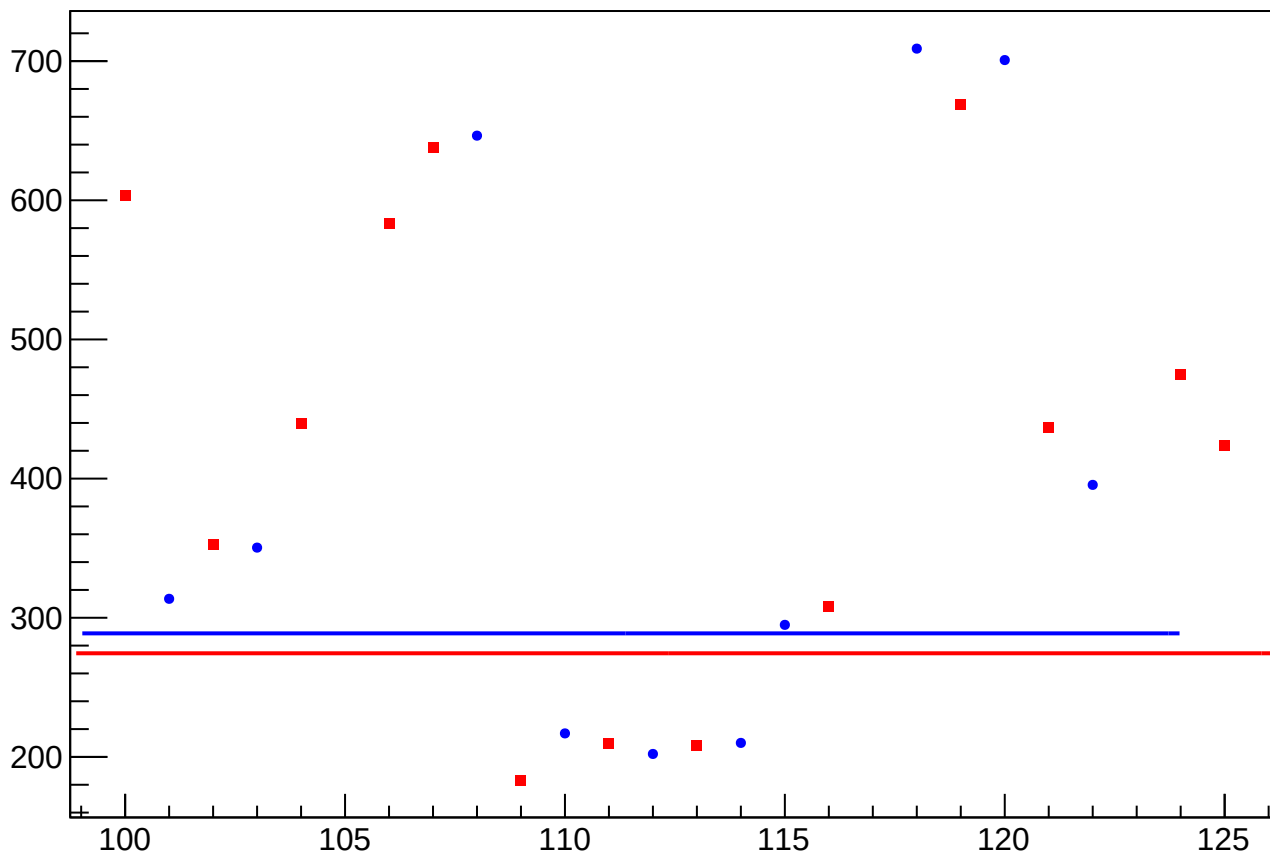
Right: -237.009+/-102.193 χ^2/NDF : 17.2/22

In: -61.557+/-155.526 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -237.009+/-102.193 χ^2/NDF : 17.2/22

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: 274.479+/-0.096 χ^2/NDF : 1672885.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

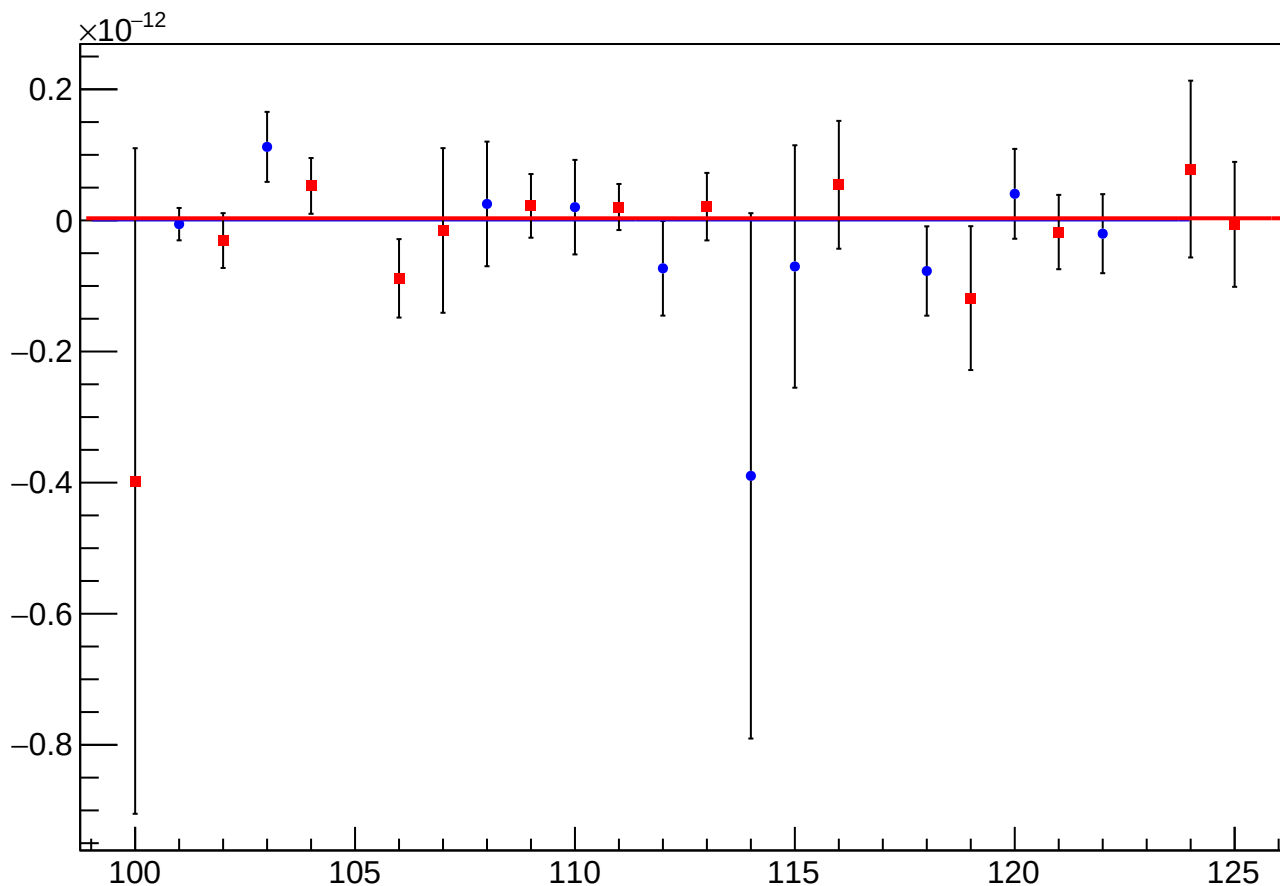
Right: 280.658+/-0.072 χ^2/NDF : 2946538.5/22

In: 288.790+/-0.110 χ^2/NDF : 1264030.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 280.658+/-0.072 χ^2/NDF : 2946538.5/22

asym_sam7_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

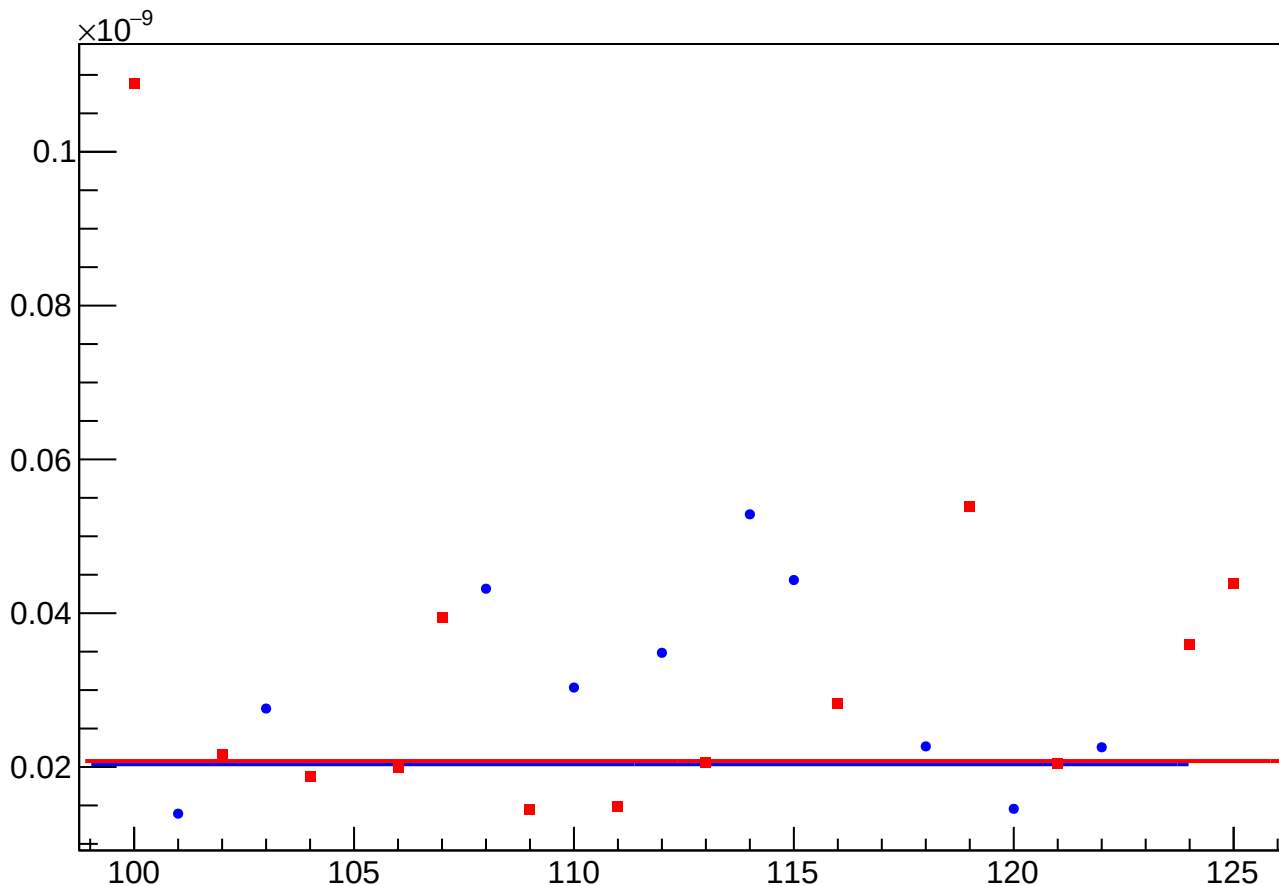
Right: 0.000+/-0.000 χ^2/NDF : 15.9/22

In: 0.000+/-0.000 χ^2/NDF : 8.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.9/22

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 : 536432.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

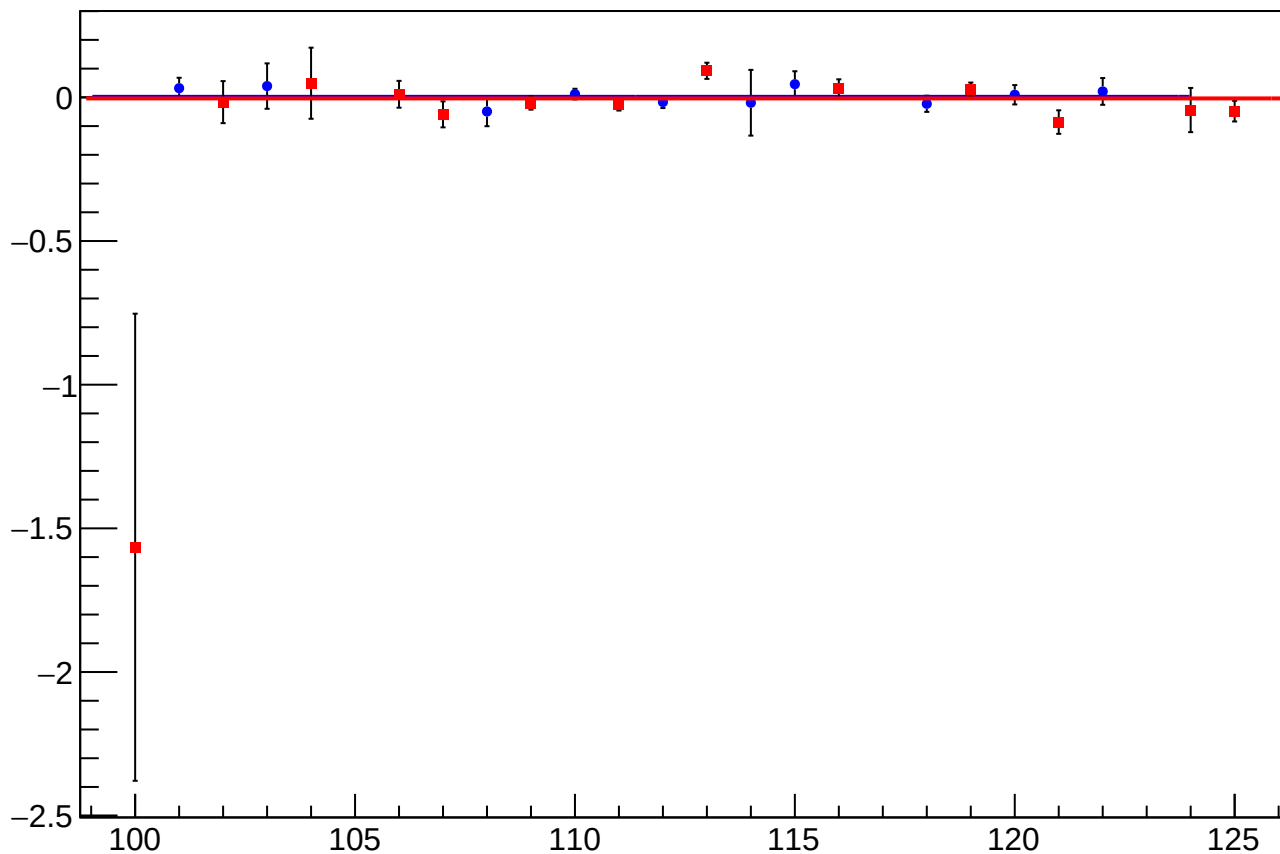
Right: 0.000+/-0.000 χ^2/NDF : 1009716.1/22

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 : 1009716.1/22

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: -0.004 $\pm$ 0.010 χ^2 /NDF: 27.3/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

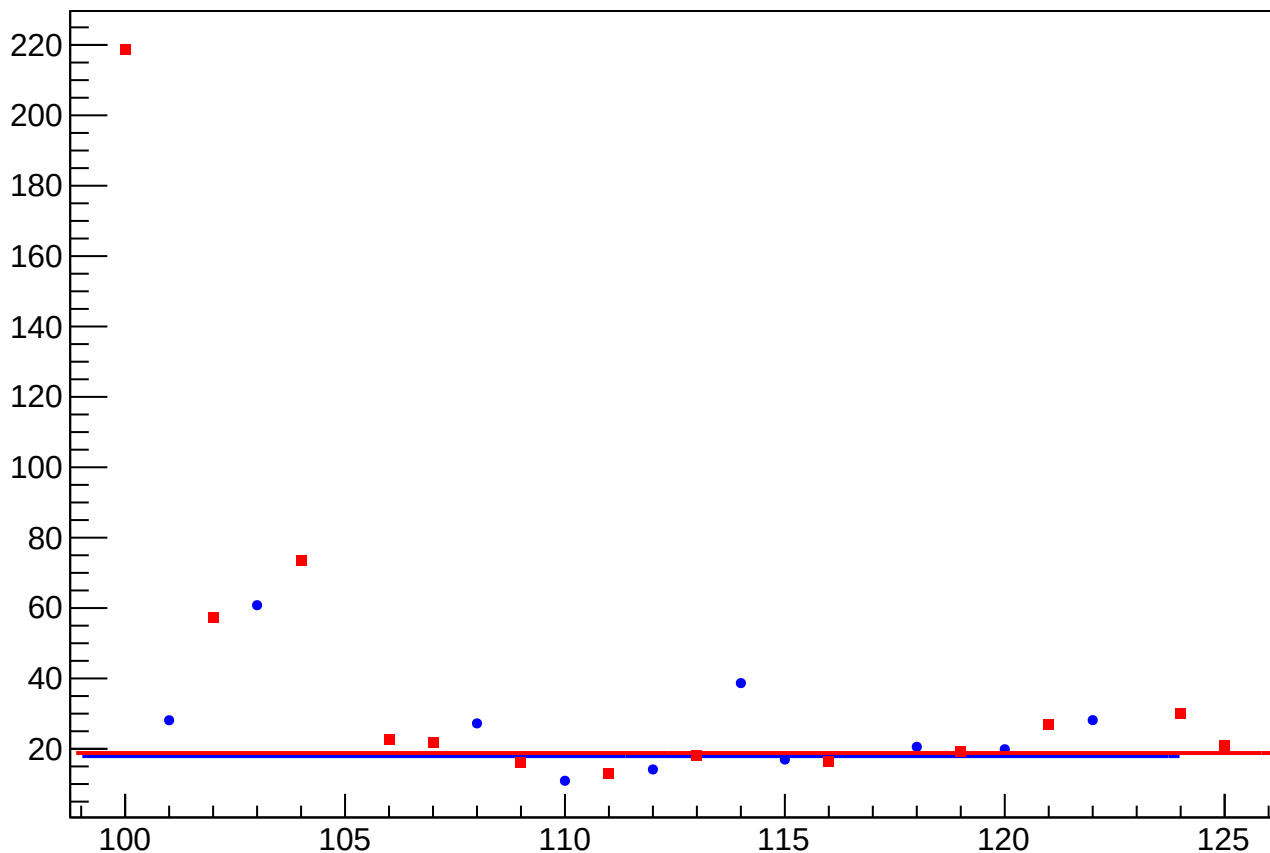
Right: -0.001 $\pm$ 0.007 χ^2 /NDF: 32.4/22

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: 32.4/22

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: 18.805+/-0.007 χ^2/NDF : 1434893.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

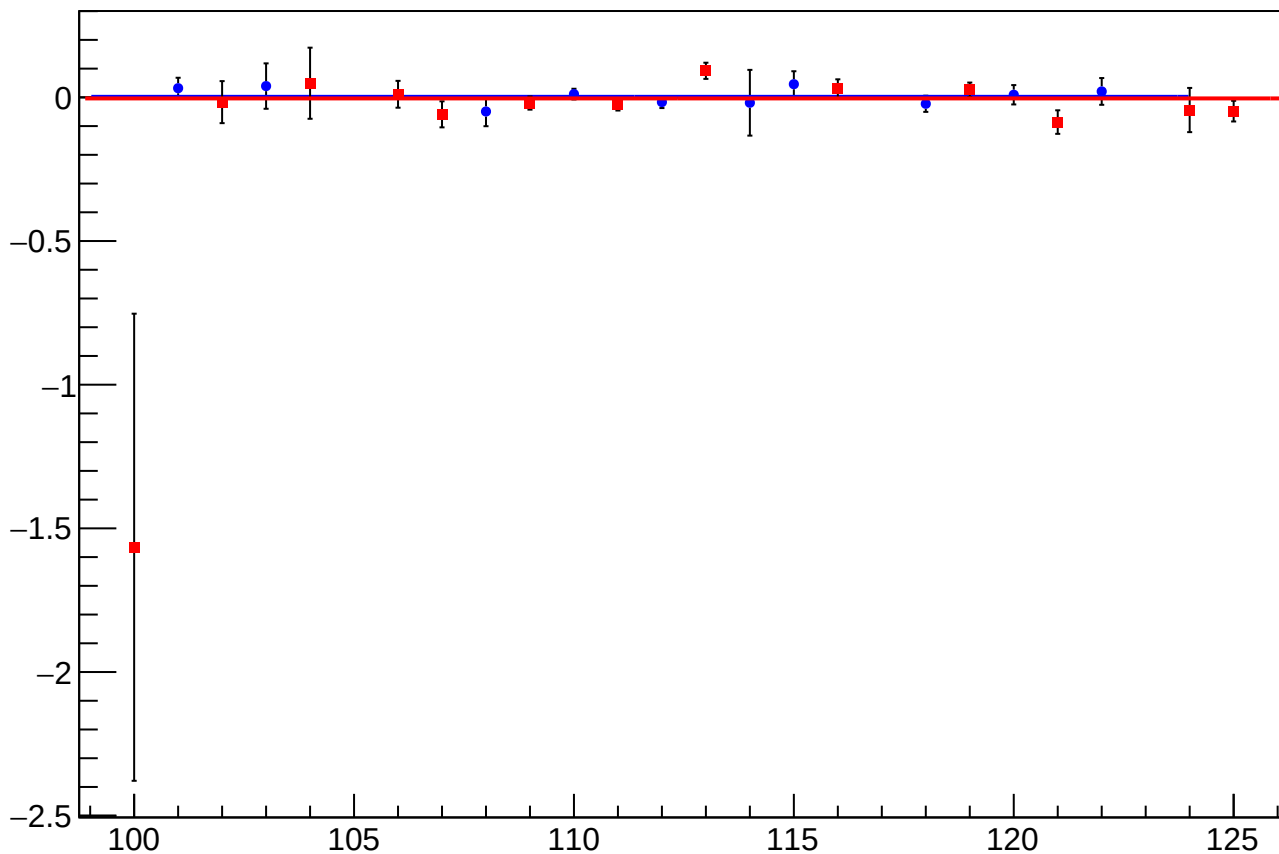
Right: 18.401+/-0.005 χ^2/NDF : 2792461.3/22

In: 17.939+/-0.007 χ^2/NDF : 1349822.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.401+/-0.005 χ^2/NDF : 2792461.3/22

asym_sam7_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002+/-0.010 χ^2/NDF : 4.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.004+/-0.010 χ^2/NDF : 27.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

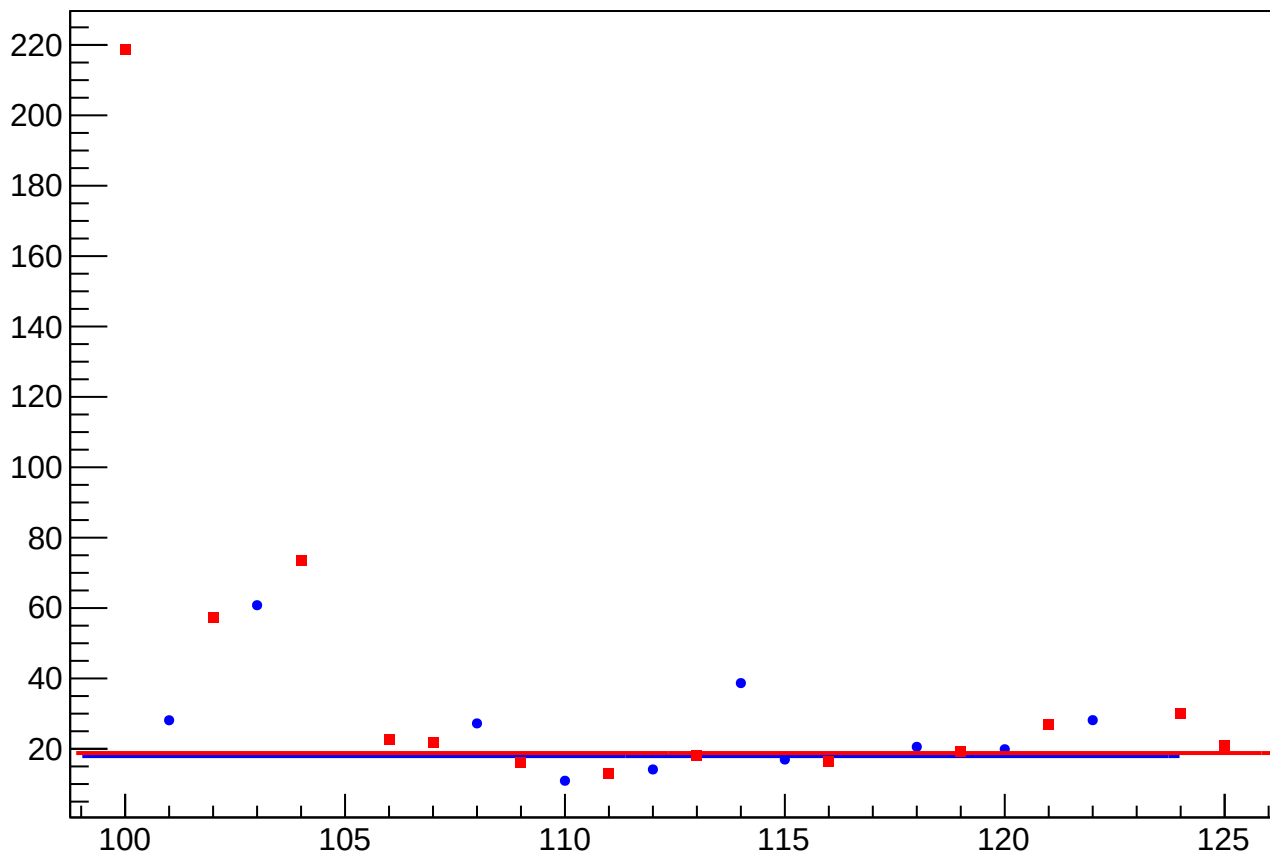
Right: -0.001+/-0.007 χ^2/NDF : 32.4/22

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 : 32.4/22

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: 18.805+/-0.007 χ^2/NDF : 1434893.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

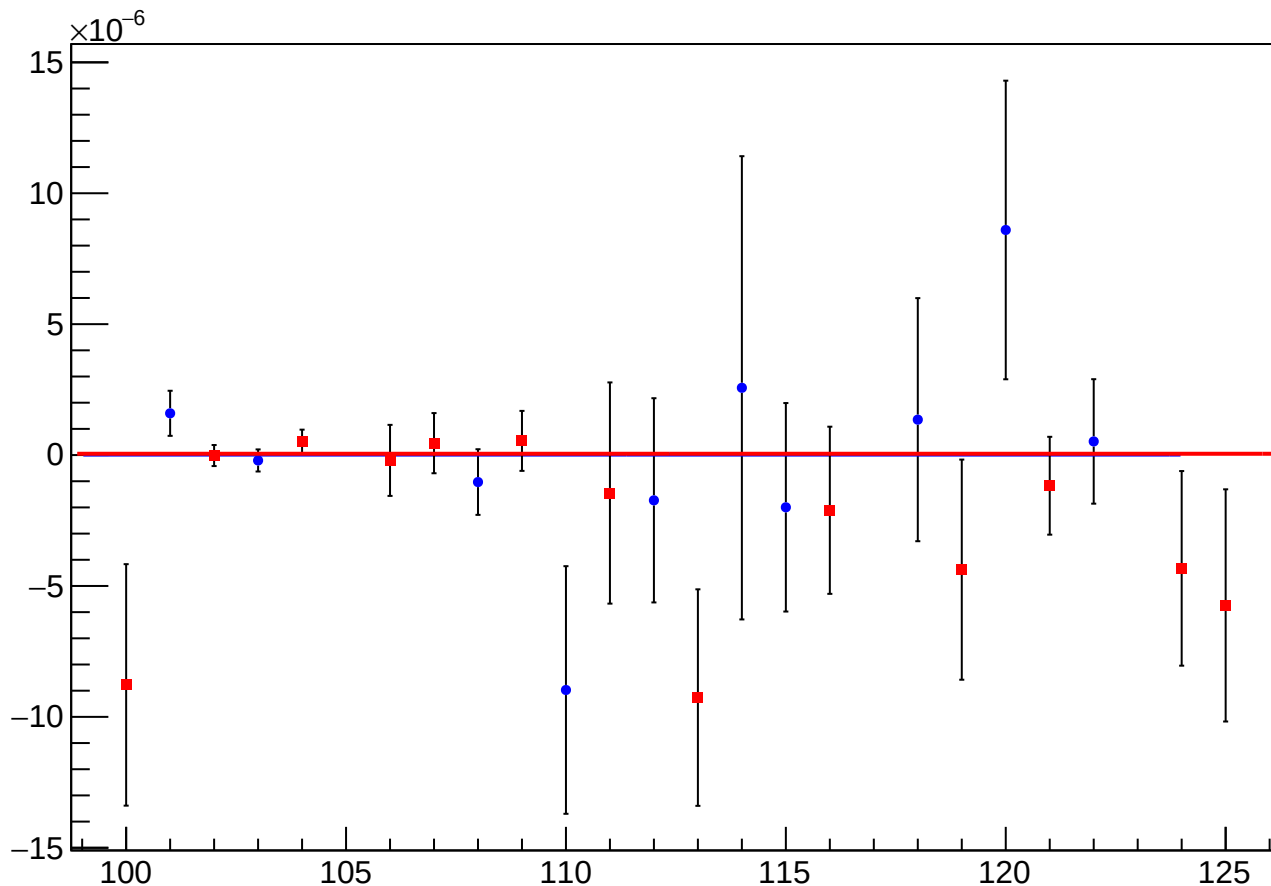
Right: 18.401+/-0.005 χ^2/NDF : 2792461.3/22

In: 17.939+/-0.007 χ^2/NDF : 1349822.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.401+/-0.005 χ^2/NDF : 2792461.3/22

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 : 15.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

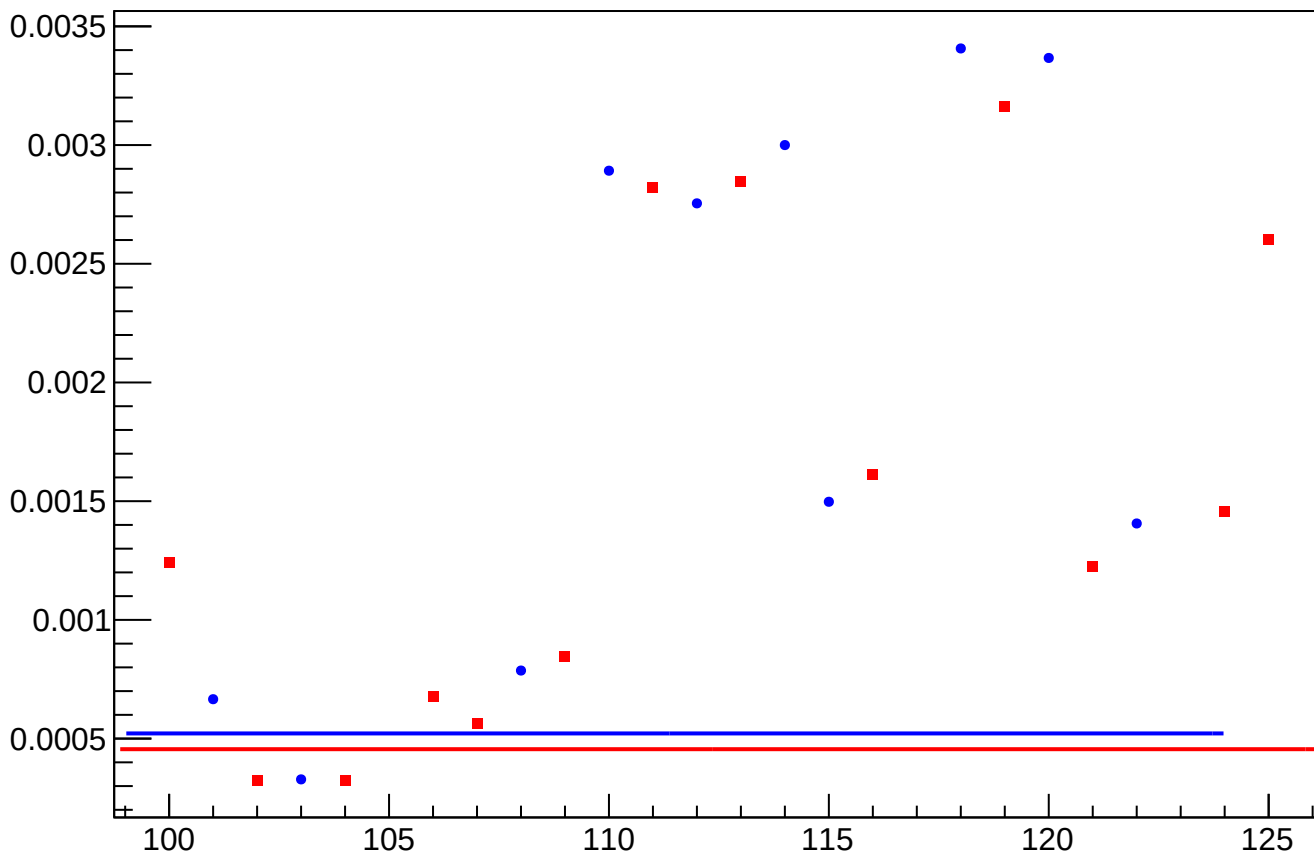
Right: 0.000+/-0.000 χ^2/NDF : 26.3/22

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 : 26.3/22

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 : 4089894.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

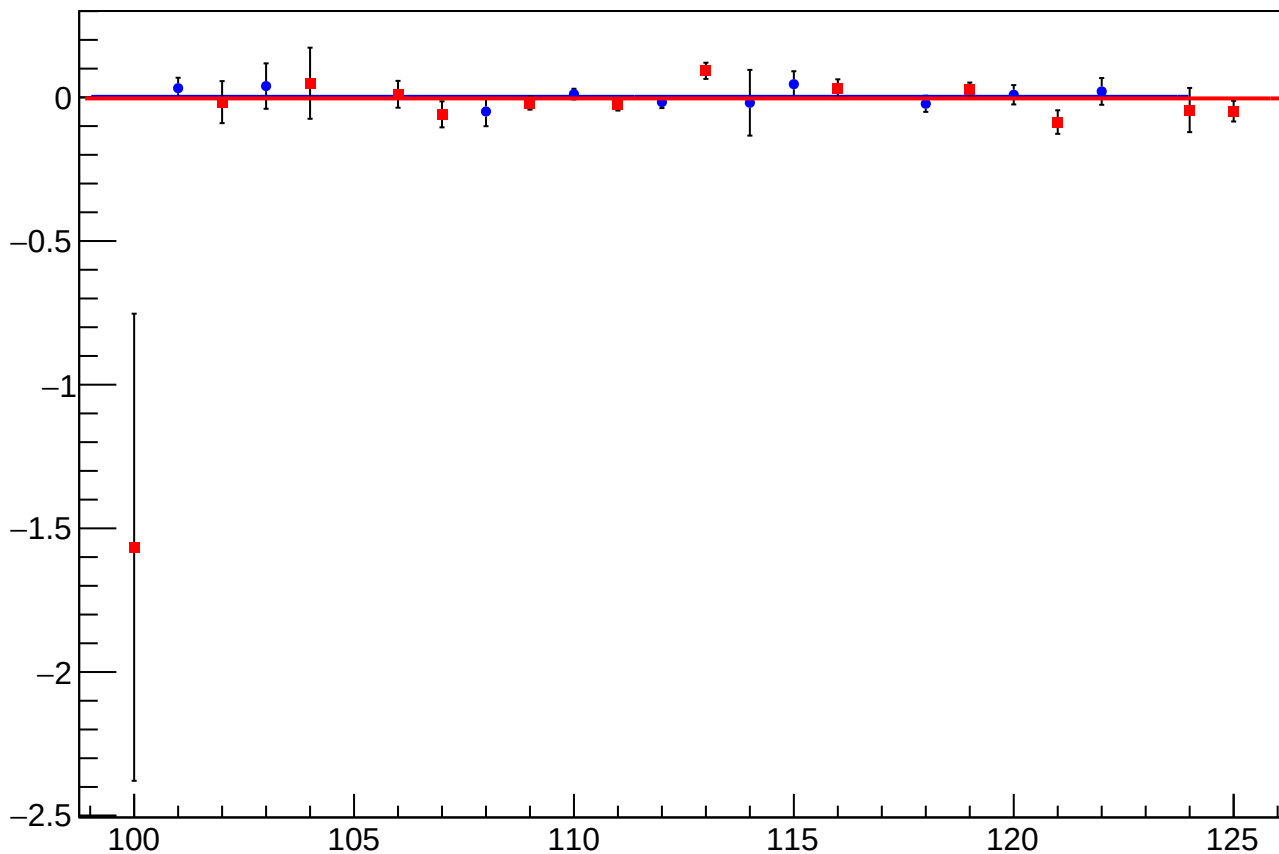
Right: 0.000+/-0.000 χ^2/NDF : 7682901.6/22

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 : 7682901.6/22

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: -0.004+/-0.010 χ^2/NDF : 27.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

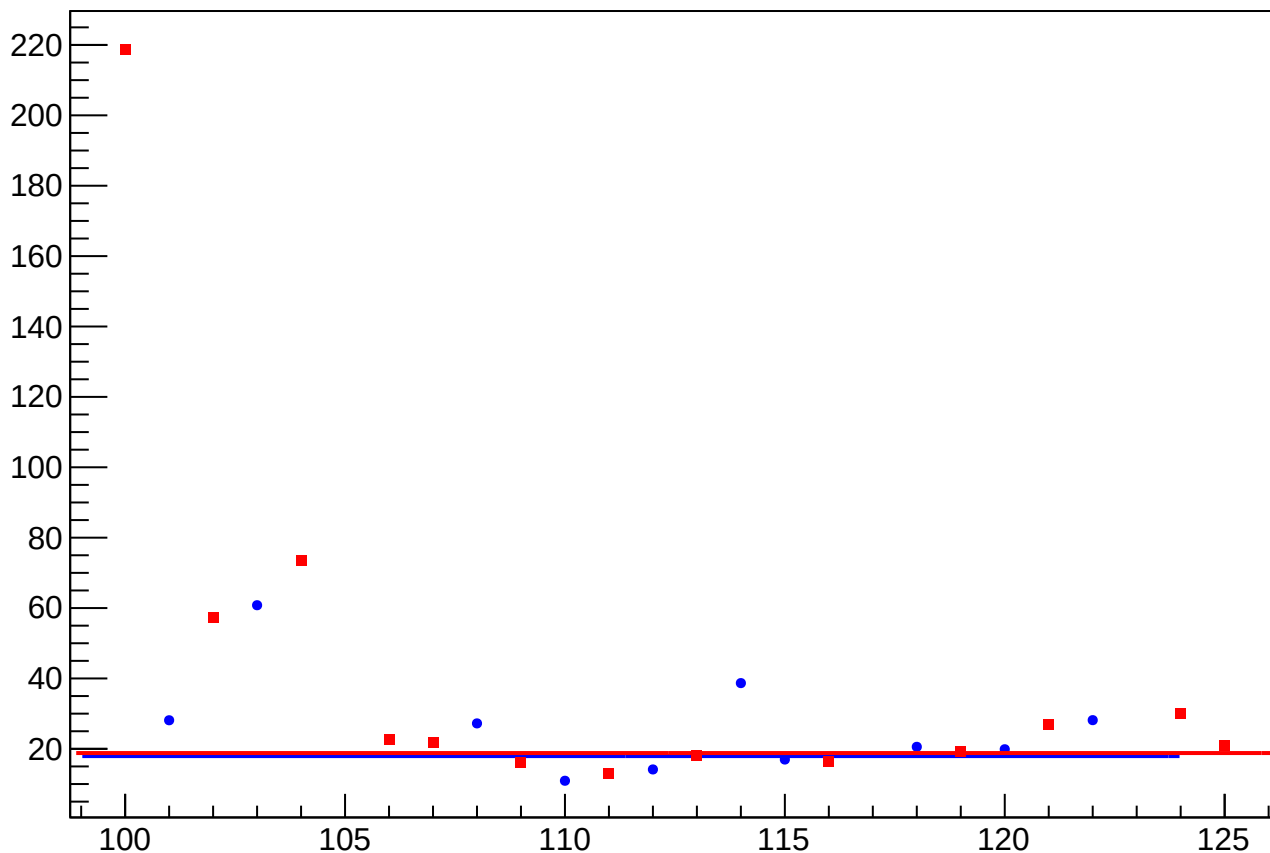
Right: -0.001+/-0.007 χ^2/NDF : 32.4/22

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 : 32.4/22

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: 18.805+/-0.007 χ^2/NDF : 1434835.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

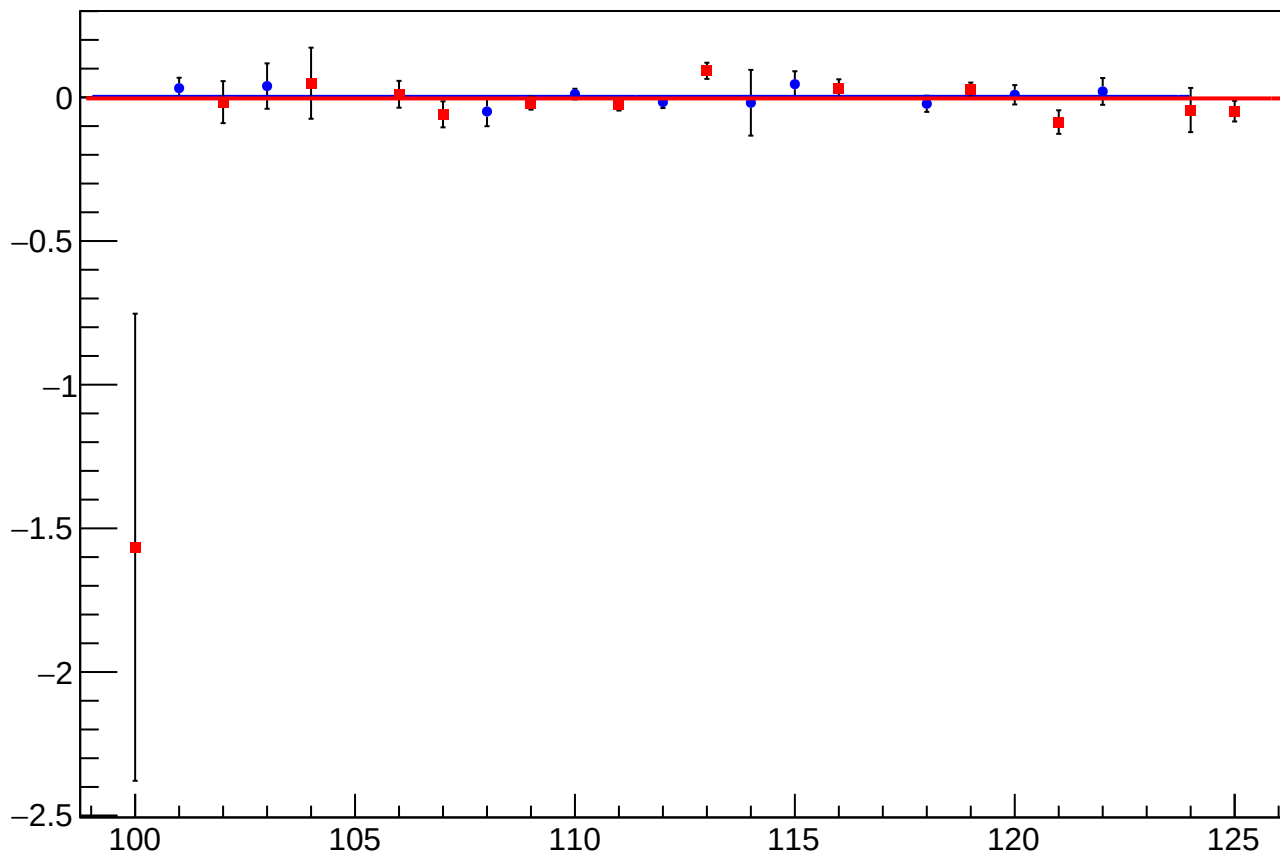
Right: 18.401+/-0.005 χ^2/NDF : 2792285.2/22

In: 17.939+/-0.007 χ^2/NDF : 1349712.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.401+/-0.005 χ^2/NDF : 2792285.2/22

asym_sam7_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.010 χ^2 /NDF: 4.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.010 χ^2 /NDF: 27.3/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

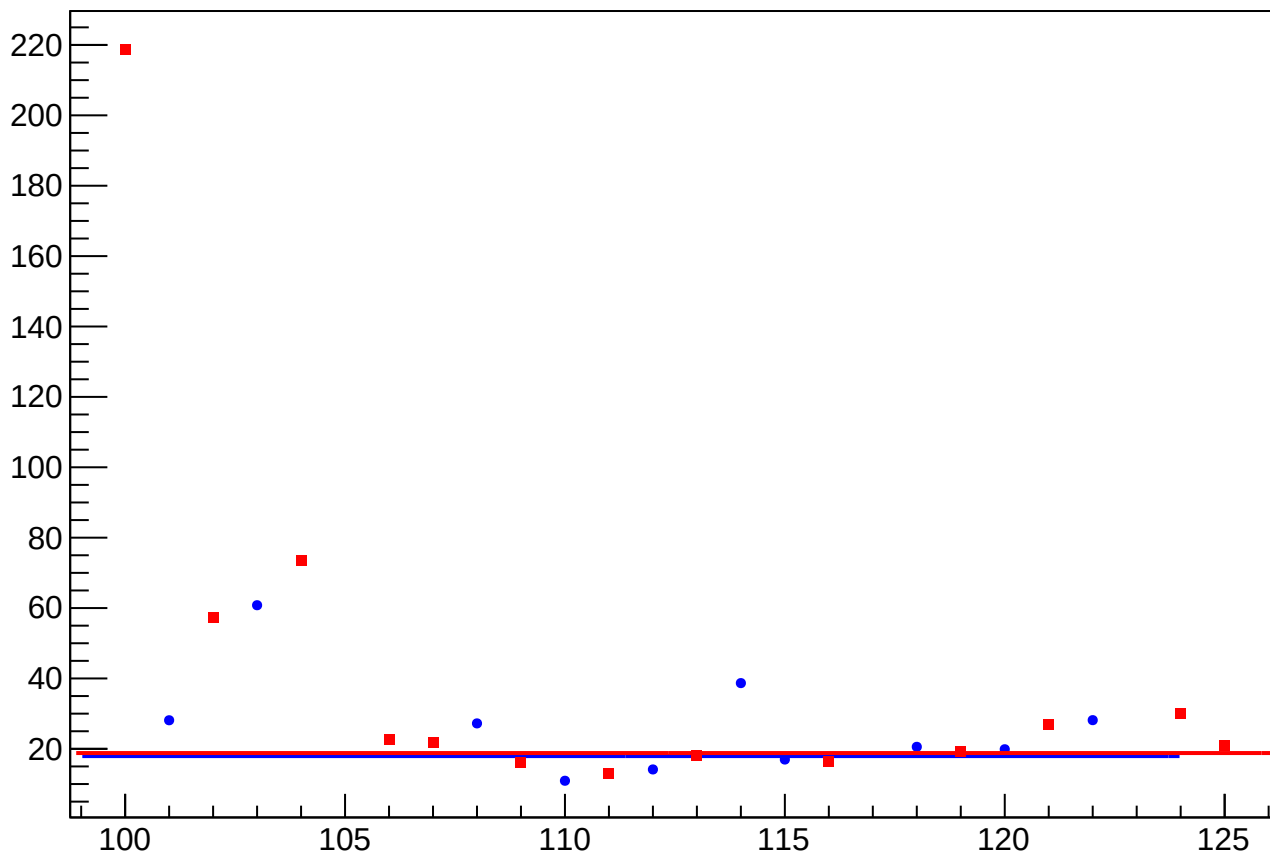
Right: -0.001 $\pm$ 0.007 χ^2 /NDF: 32.4/22

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: 32.4/22

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: 18.805+/-0.007 χ^2/NDF : 1434835.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

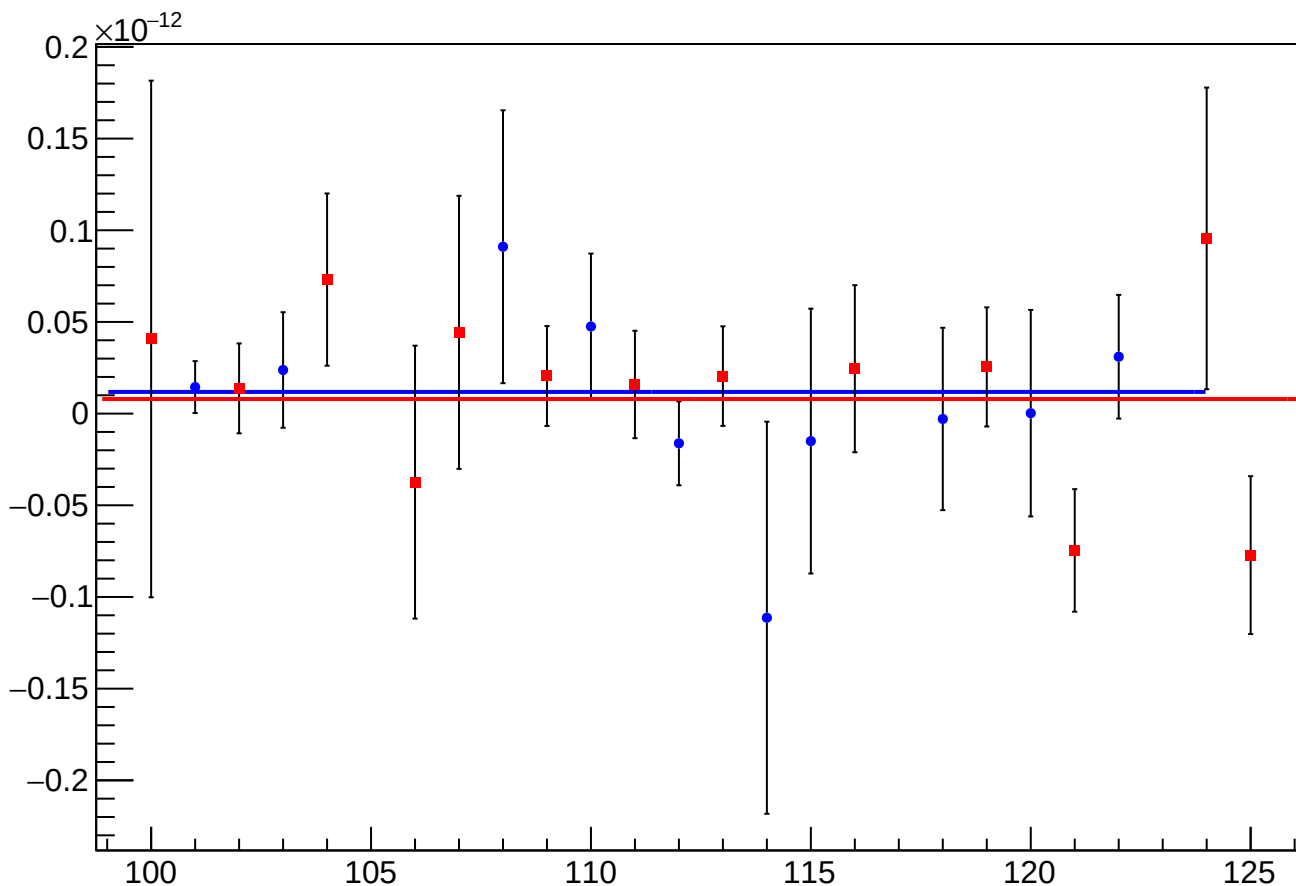
Right: 18.401+/-0.005 χ^2/NDF : 2792285.2/22

In: 17.939+/-0.007 χ^2/NDF : 1349712.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.401+/-0.005 χ^2/NDF : 2792285.2/22

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 : 14.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

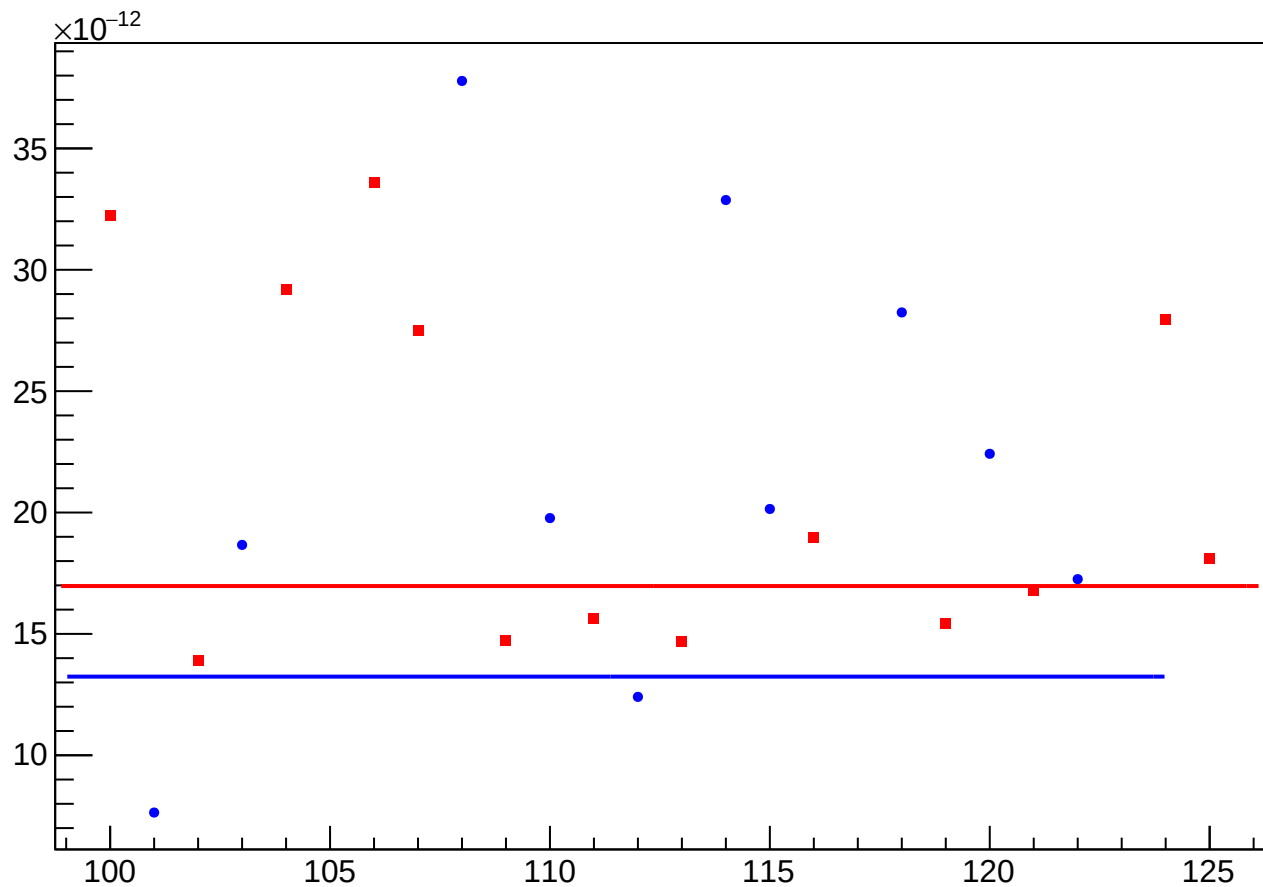
Right: 0.000+/-0.000 χ^2/NDF : 20.3/22

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 : 20.3/22

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 : 407556.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

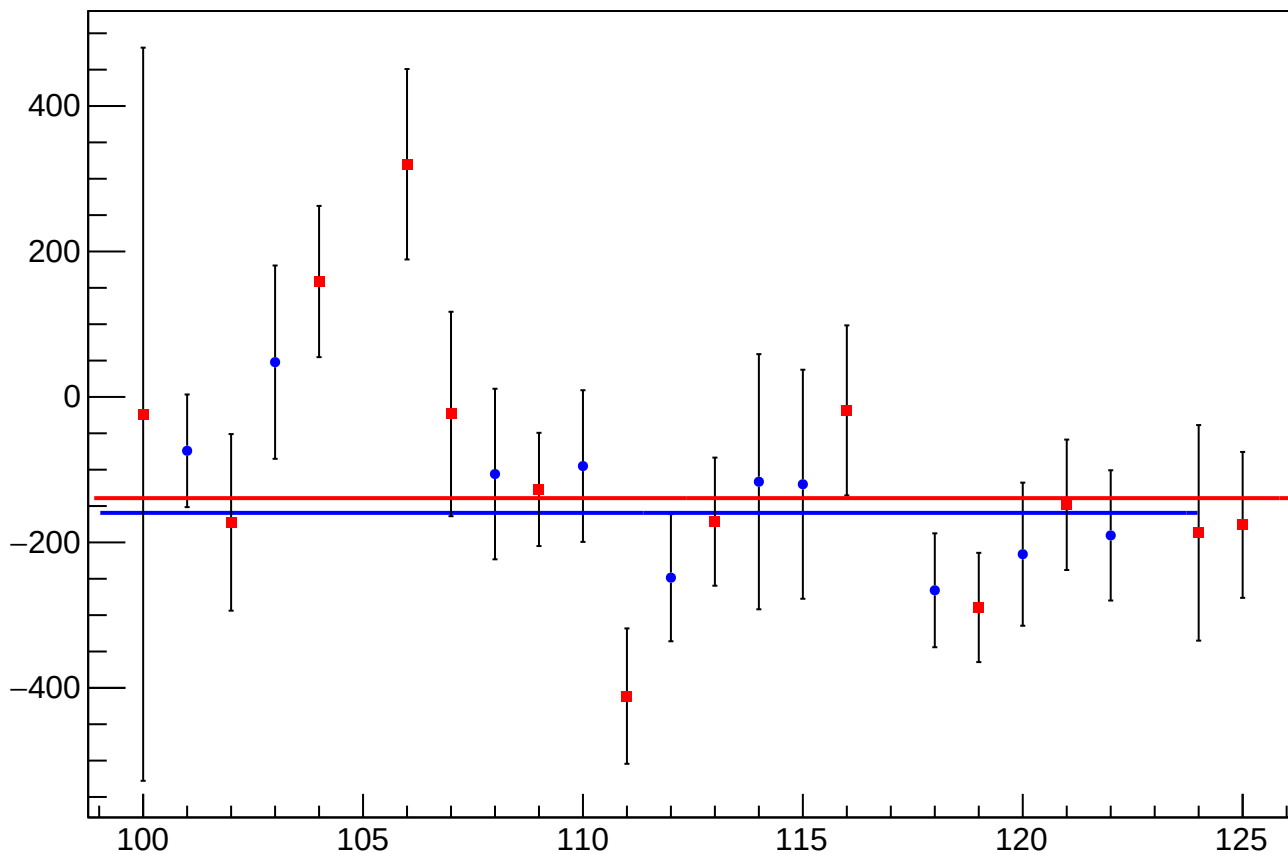
Right: 0.000+/-0.000 χ^2/NDF : 1542295.9/22

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 : 1542295.9/22

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: -139.129 ± 28.838 $\chi^2/\text{NDF}: 35.3/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

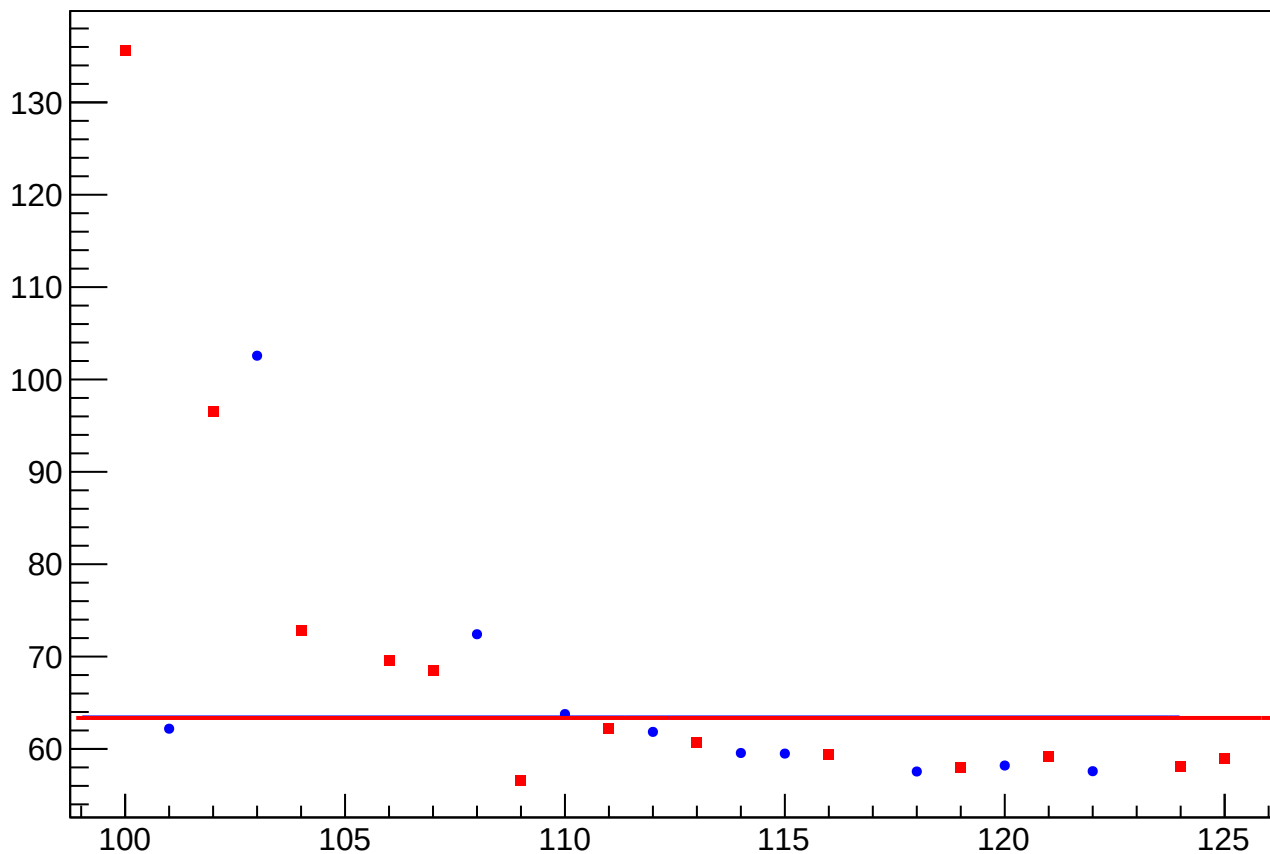
Right: -148.238 ± 21.391 $\chi^2/\text{NDF}: 43.3/22$

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: -148.238 ± 21.391 $\chi^2/\text{NDF}: 43.3/22$

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: 63.354+/-0.020 χ^2/NDF : 254634.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

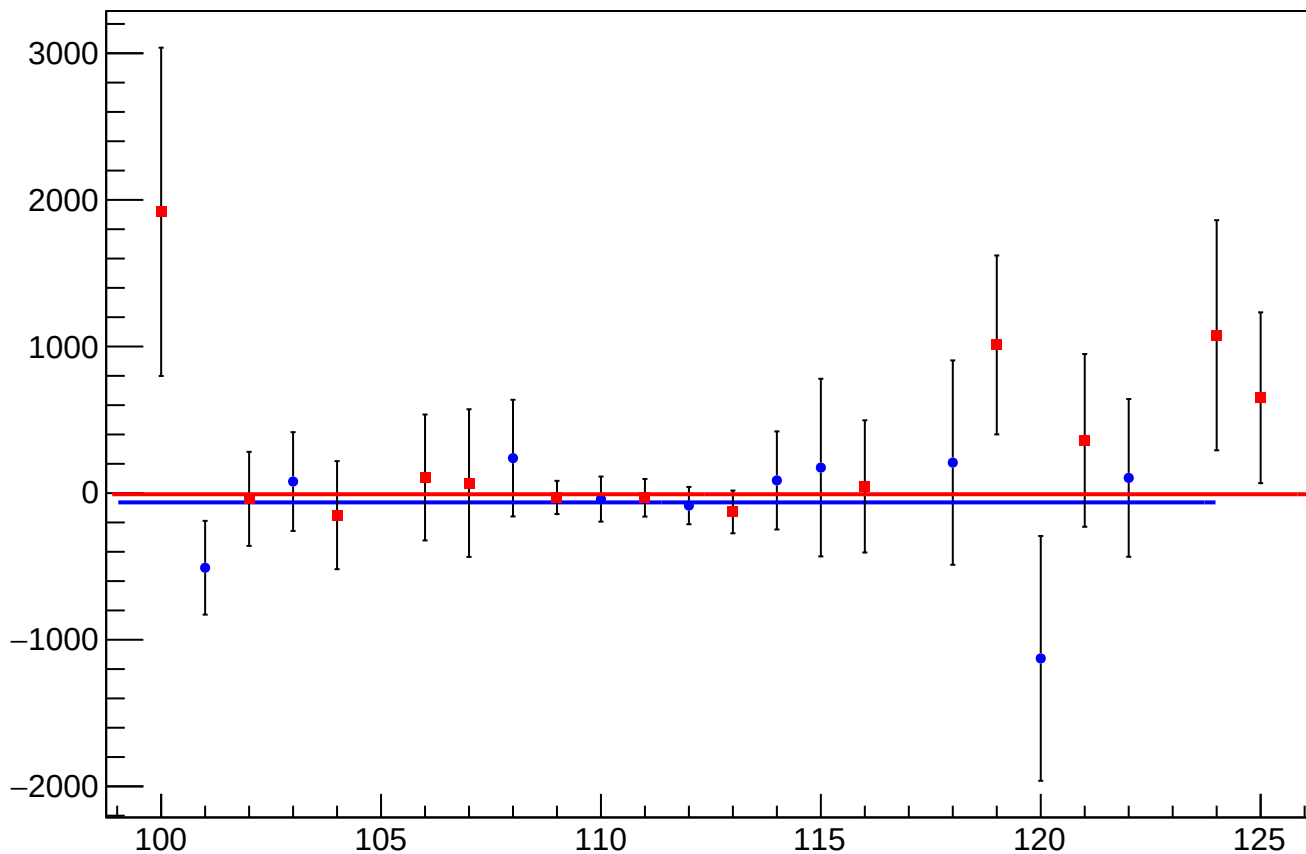
Right: 63.378+/-0.015 χ^2/NDF : 468774.9/22

In: 63.408+/-0.023 χ^2/NDF : 214137.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.378+/-0.015 χ^2/NDF : 468774.9/22

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: -7.525+/-66.239 χ^2/NDF : 10.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

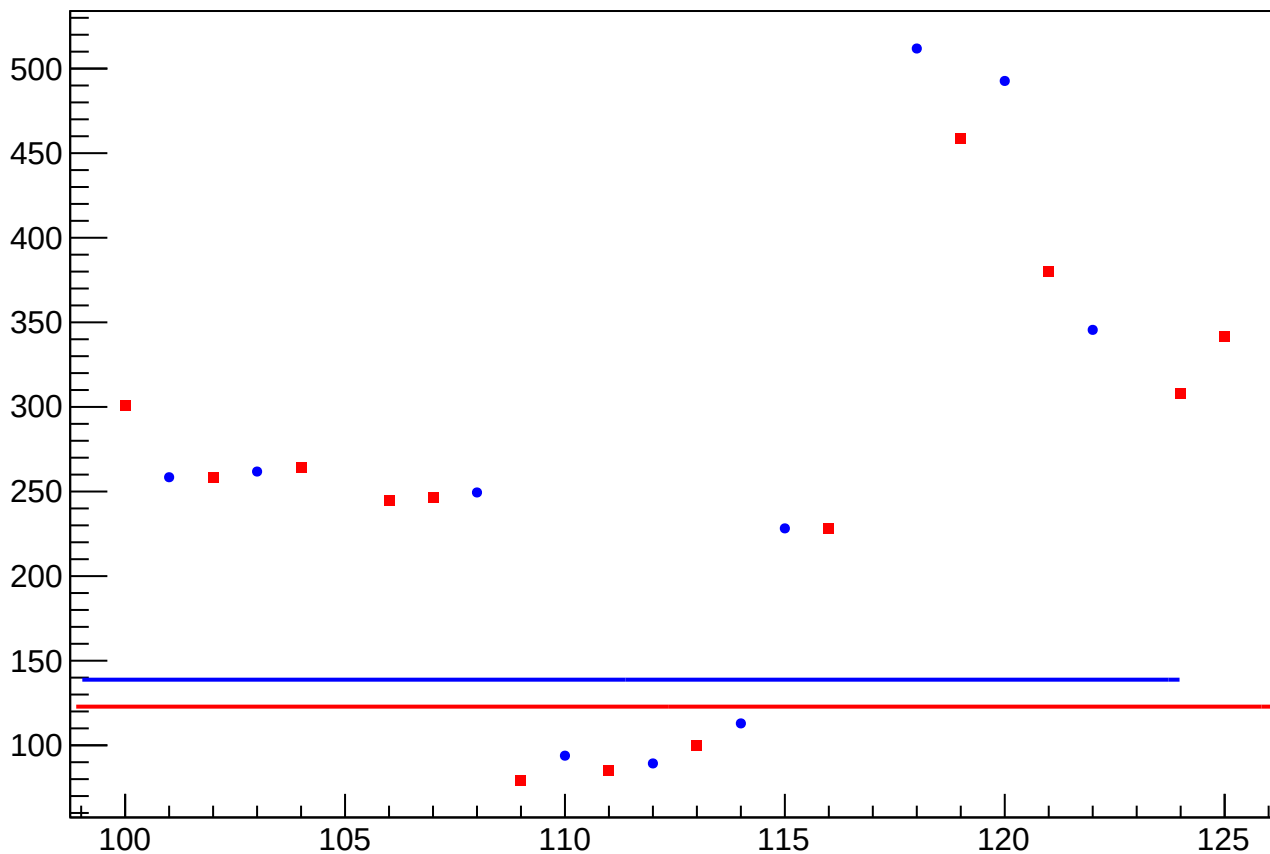
Right: -29.373+/-51.608 χ^2/NDF : 15.6/22

In: -63.122+/-82.325 χ^2/NDF :5.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -29.373+/-51.608 χ^2/NDF : 15.6/22

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: 122.852+/-0.047 χ^2/NDF : 2991935.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

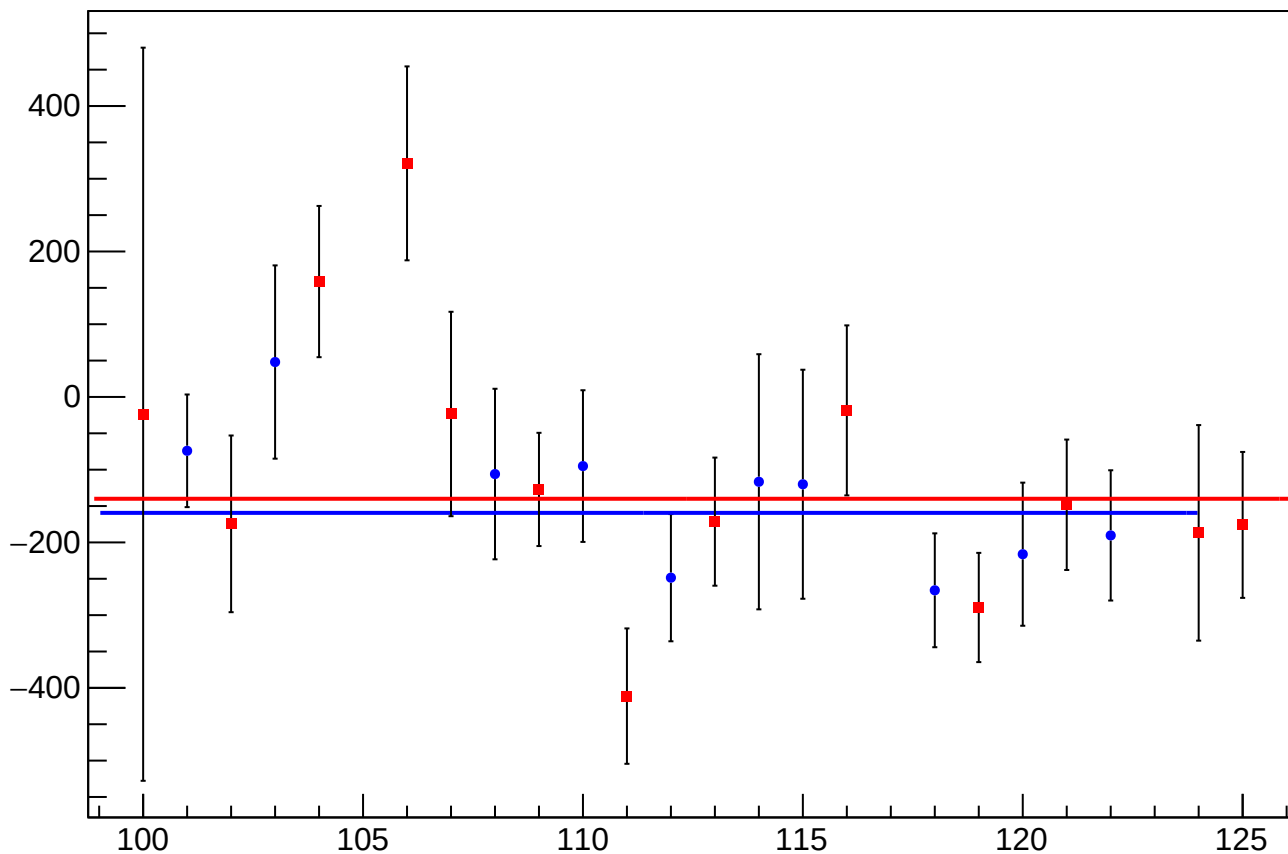
Right: 129.113+/-0.036 χ^2/NDF : 5495823.0/22

In: 138.785+/-0.058 χ^2/NDF :2458408.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 129.113+/-0.036 χ^2/NDF : 5495823.0/22

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: -139.989+/-28.864 χ^2/NDF : 35.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

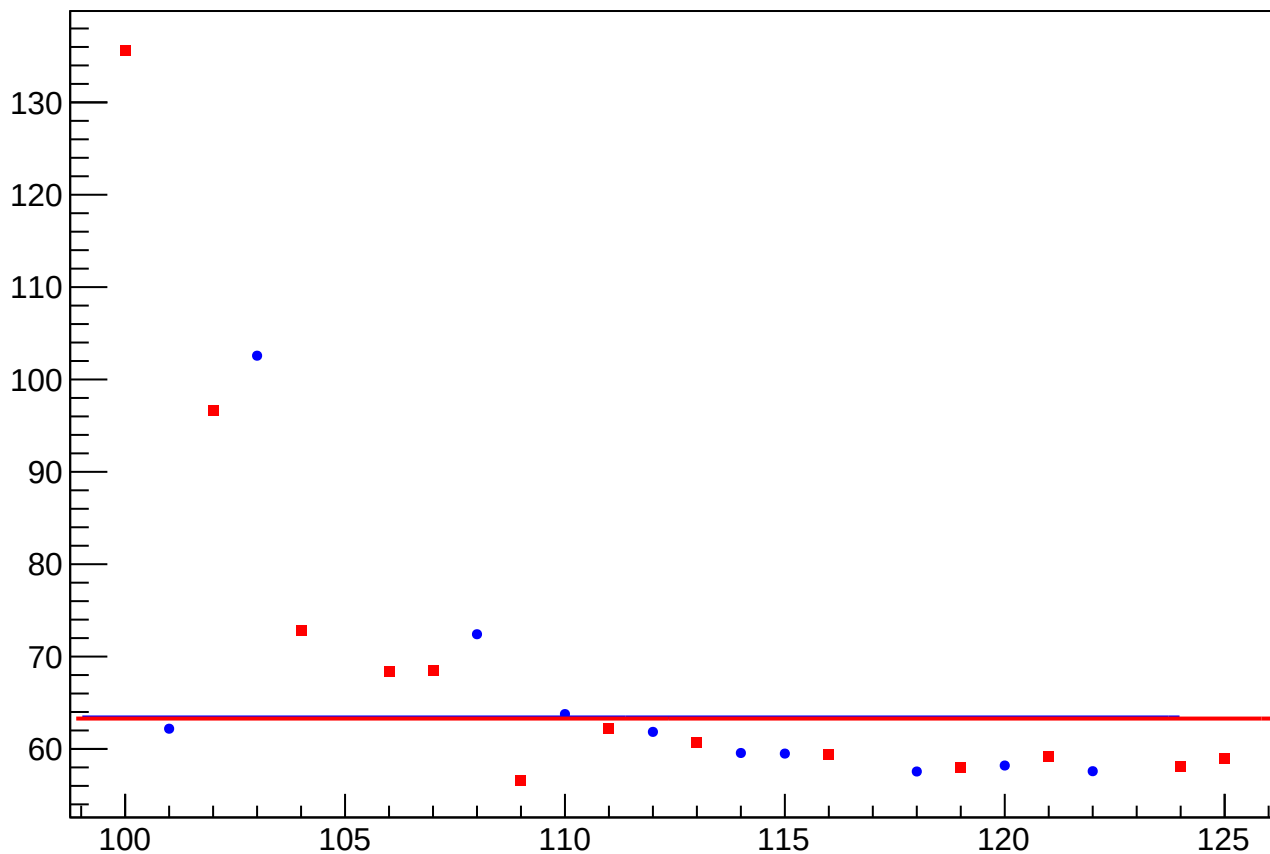
Right: -148.719+/-21.402 χ^2/NDF : 42.9/22

In: -159.380+/-31.895 χ^2/NDF : 7.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -148.719+/-21.402 χ^2/NDF : 42.9/22

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: 63.289+/-0.020 χ^2/NDF : 253169.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

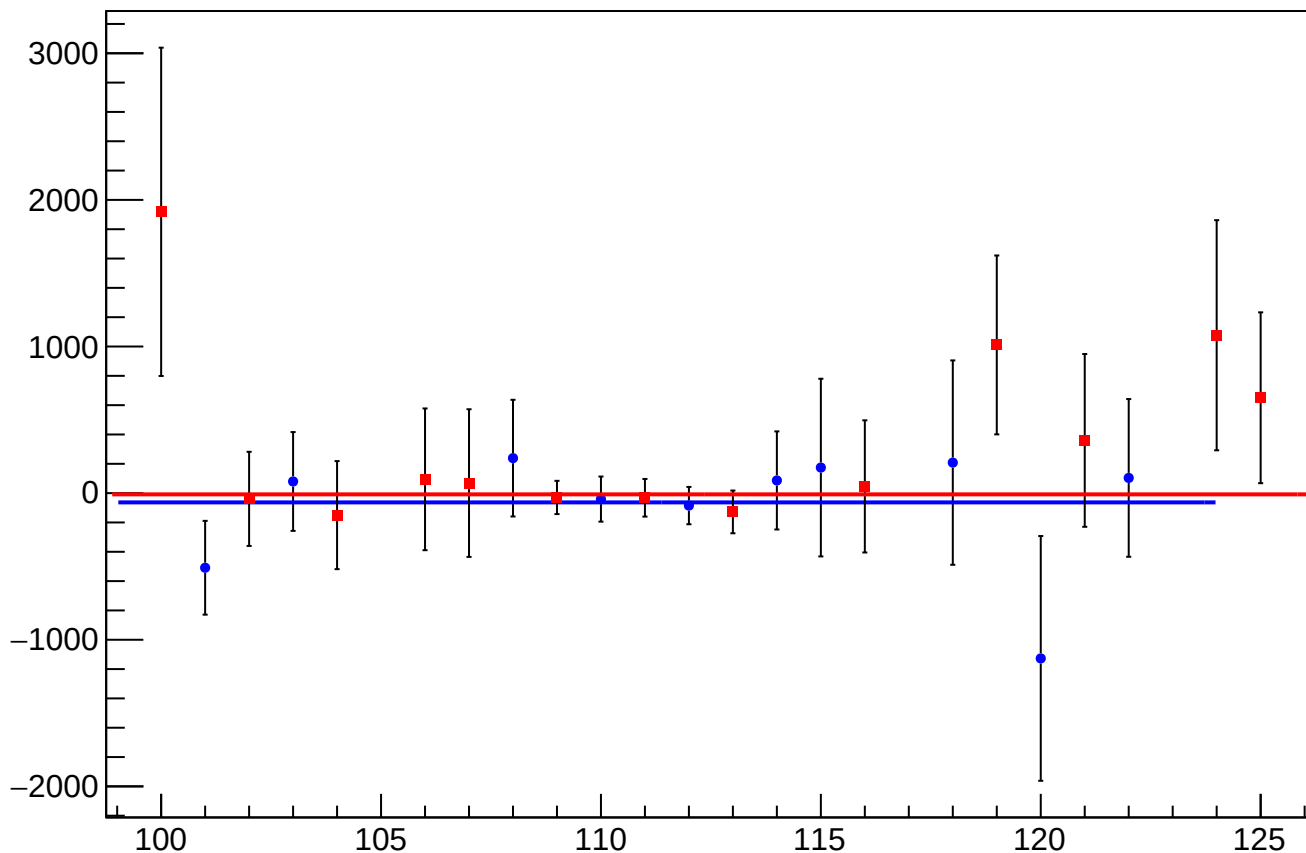
Right: 63.343+/-0.015 χ^2/NDF : 467324.5/22

In: 63.408+/-0.023 χ^2/NDF : 214139.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.343+/-0.015 χ^2/NDF : 467324.5/22

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: -8.314+/-66.408 χ^2/NDF : 10.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

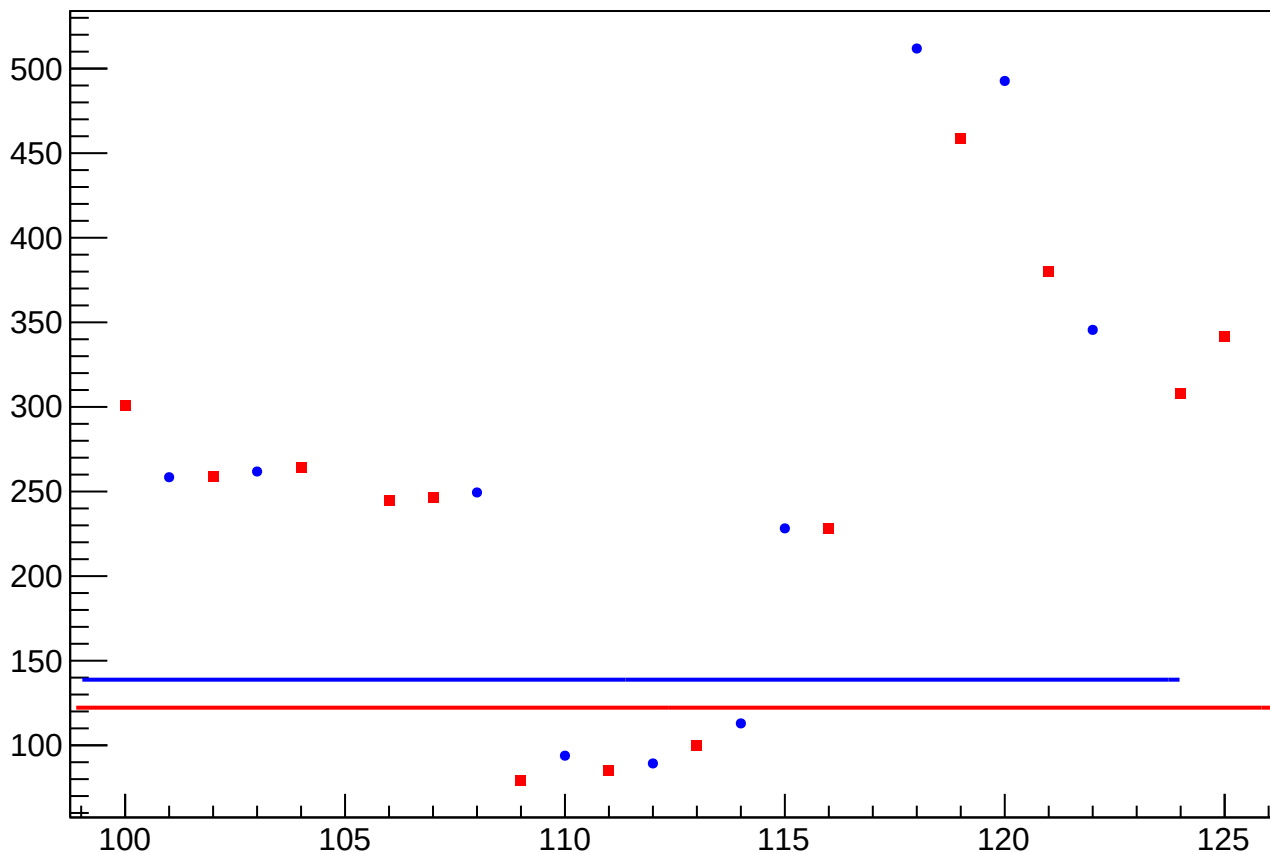
Right: -29.911+/-51.688 χ^2/NDF : 15.6/22

In: -63.100+/-82.325 χ^2/NDF : 5.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.911+/-51.688 χ^2/NDF : 15.6/22

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: 122.241+/-0.047 χ^2/NDF : 2959119.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

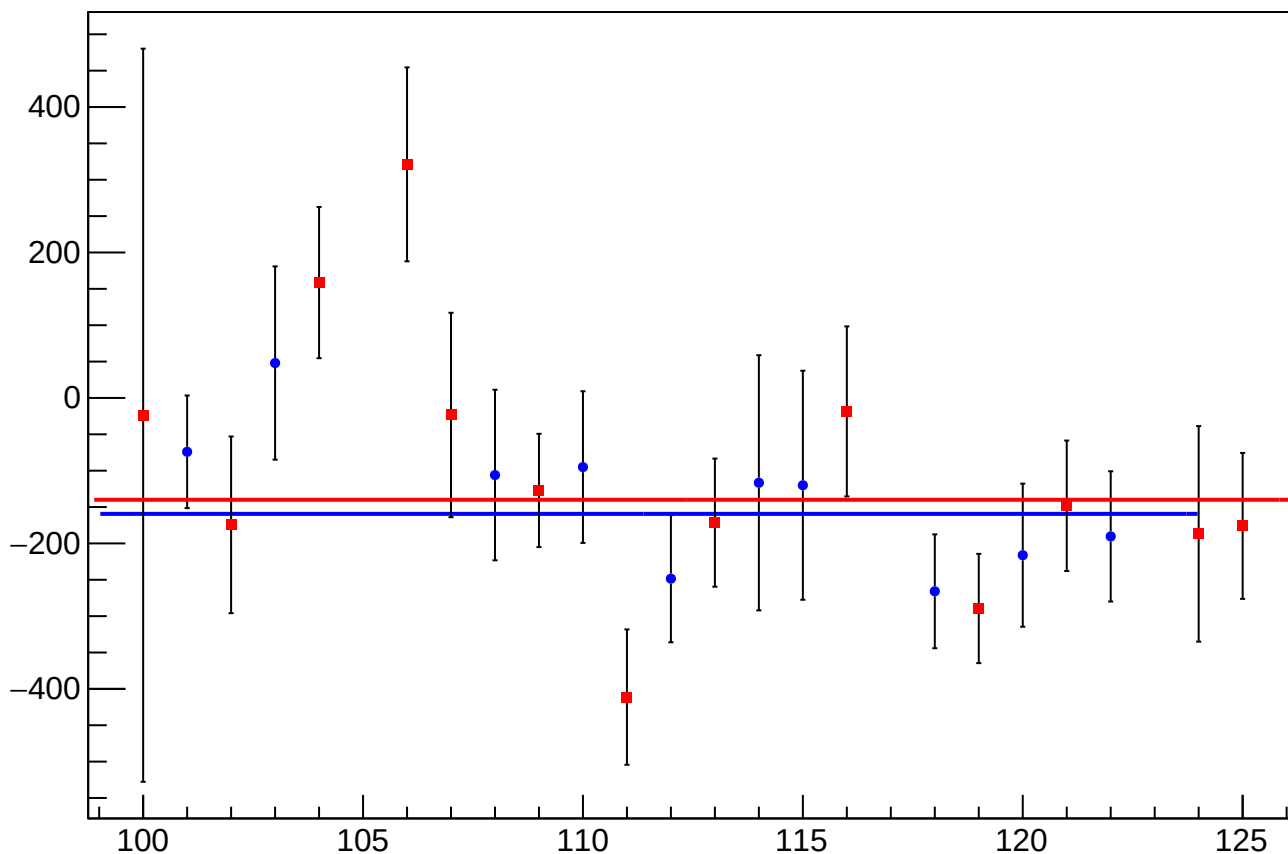
Right: 128.763+/-0.037 χ^2/NDF : 5466517.2/22

In: 138.785+/-0.058 χ^2/NDF : 2458465.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.763+/-0.037 χ^2/NDF : 5466517.2/22

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: -139.989+/-28.864 χ^2/NDF : 35.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

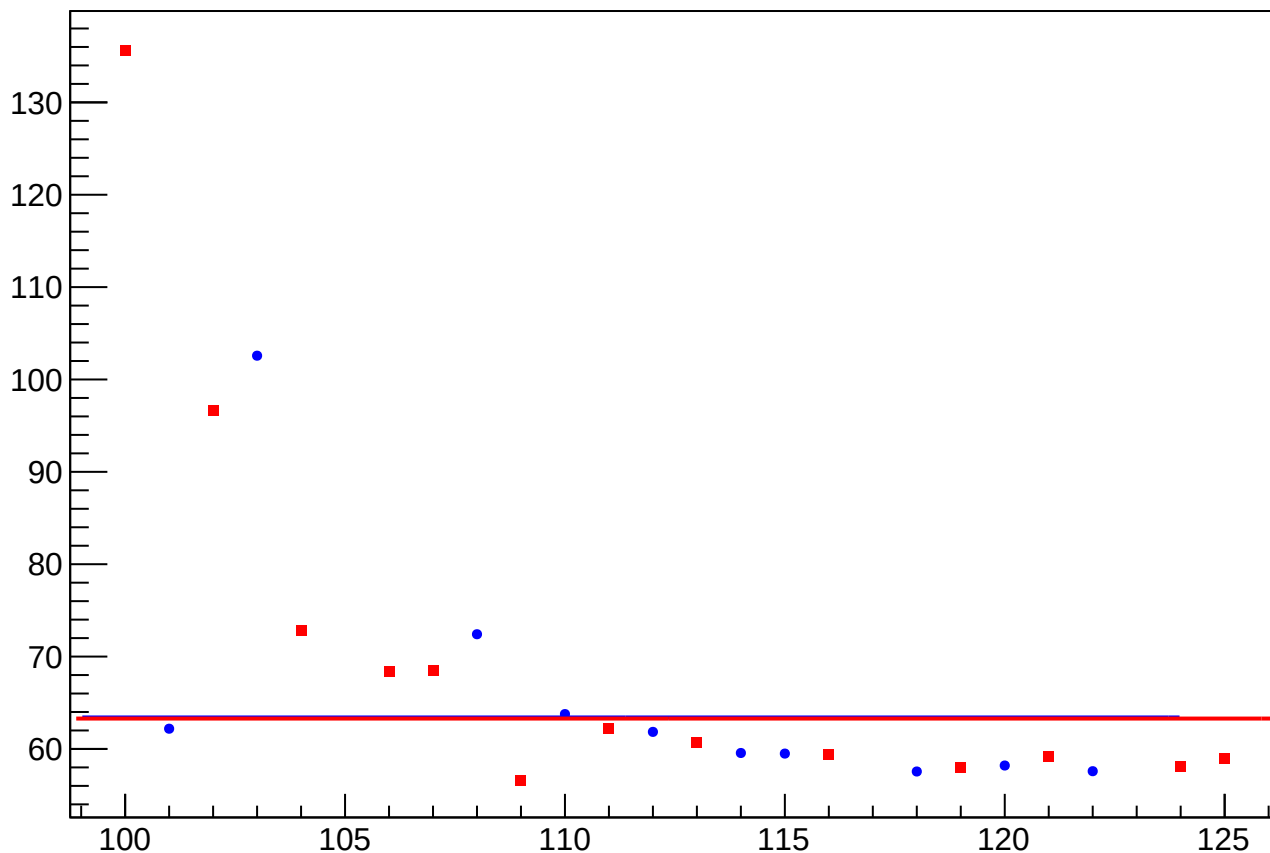
Right: -148.719+/-21.402 χ^2/NDF : 42.9/22

In: -159.380+/-31.895 χ^2/NDF : 7.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -148.719+/-21.402 χ^2/NDF : 42.9/22

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: 63.289+/-0.020 χ^2/NDF : 253169.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

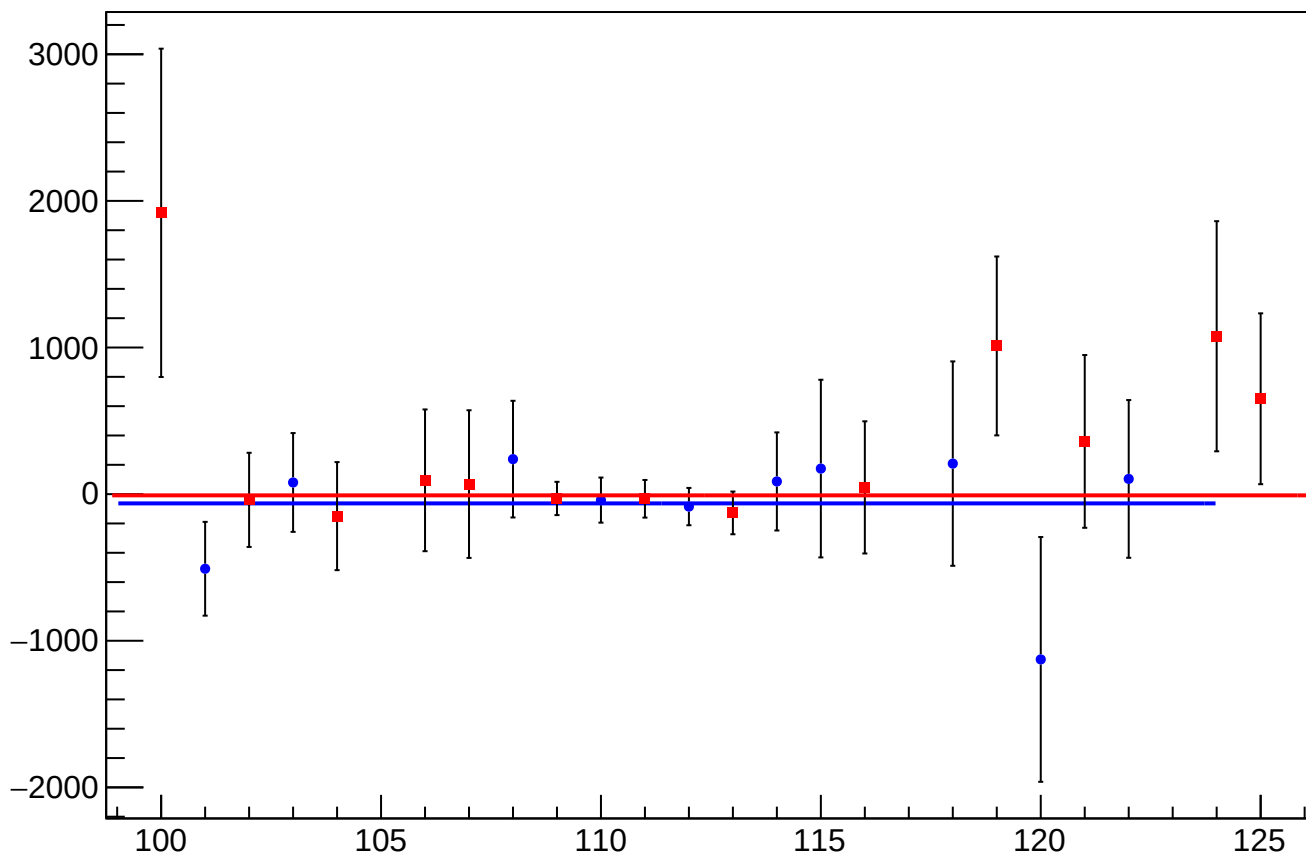
Right: 63.343+/-0.015 χ^2/NDF : 467324.5/22

In: 63.408+/-0.023 χ^2/NDF : 214139.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.343+/-0.015 χ^2/NDF : 467324.5/22

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: -8.314+/-66.408 χ^2/NDF : 10.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

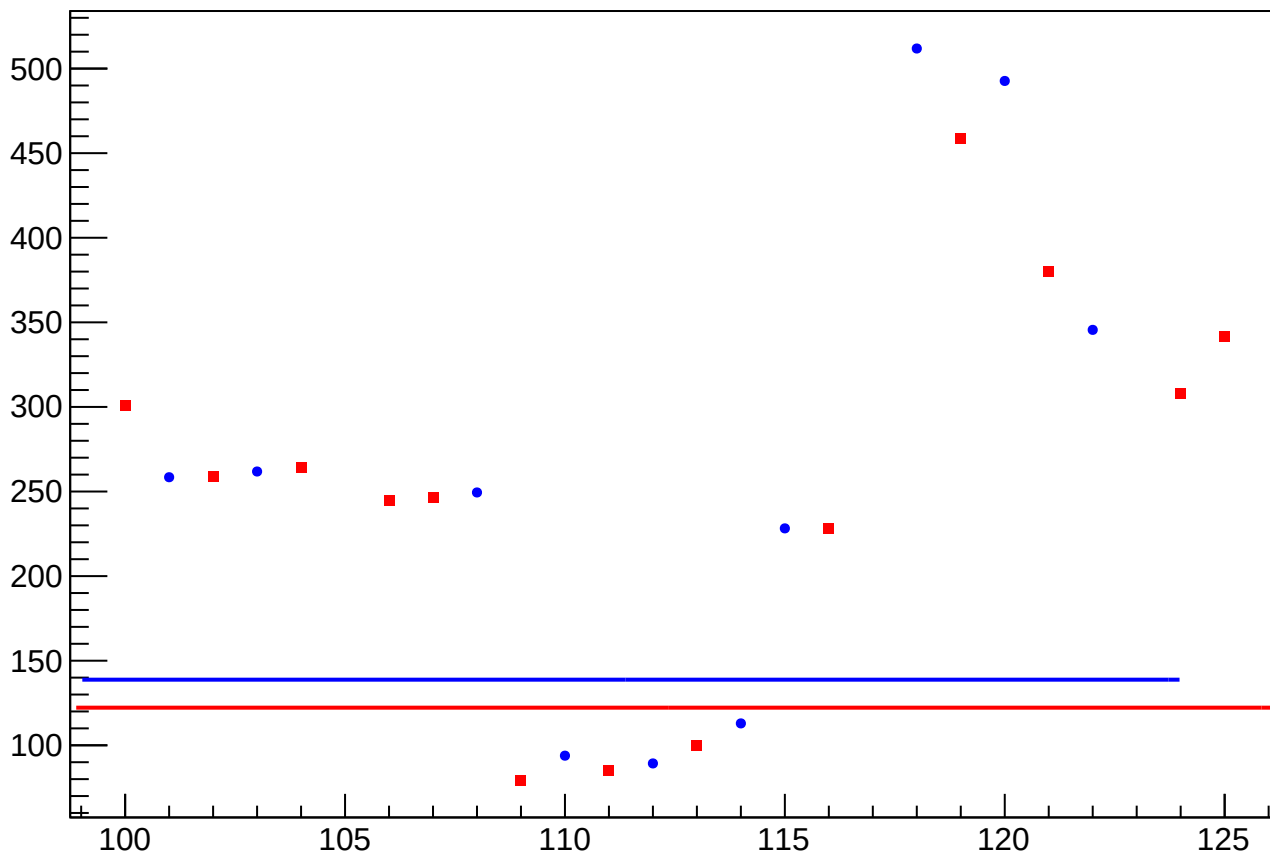
Right: -29.911+/-51.688 χ^2/NDF : 15.6/22

In: -63.100+/-82.325 χ^2/NDF : 5.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.911+/-51.688 χ^2/NDF : 15.6/22

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: 122.241+/-0.047 χ^2/NDF : 2959119.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

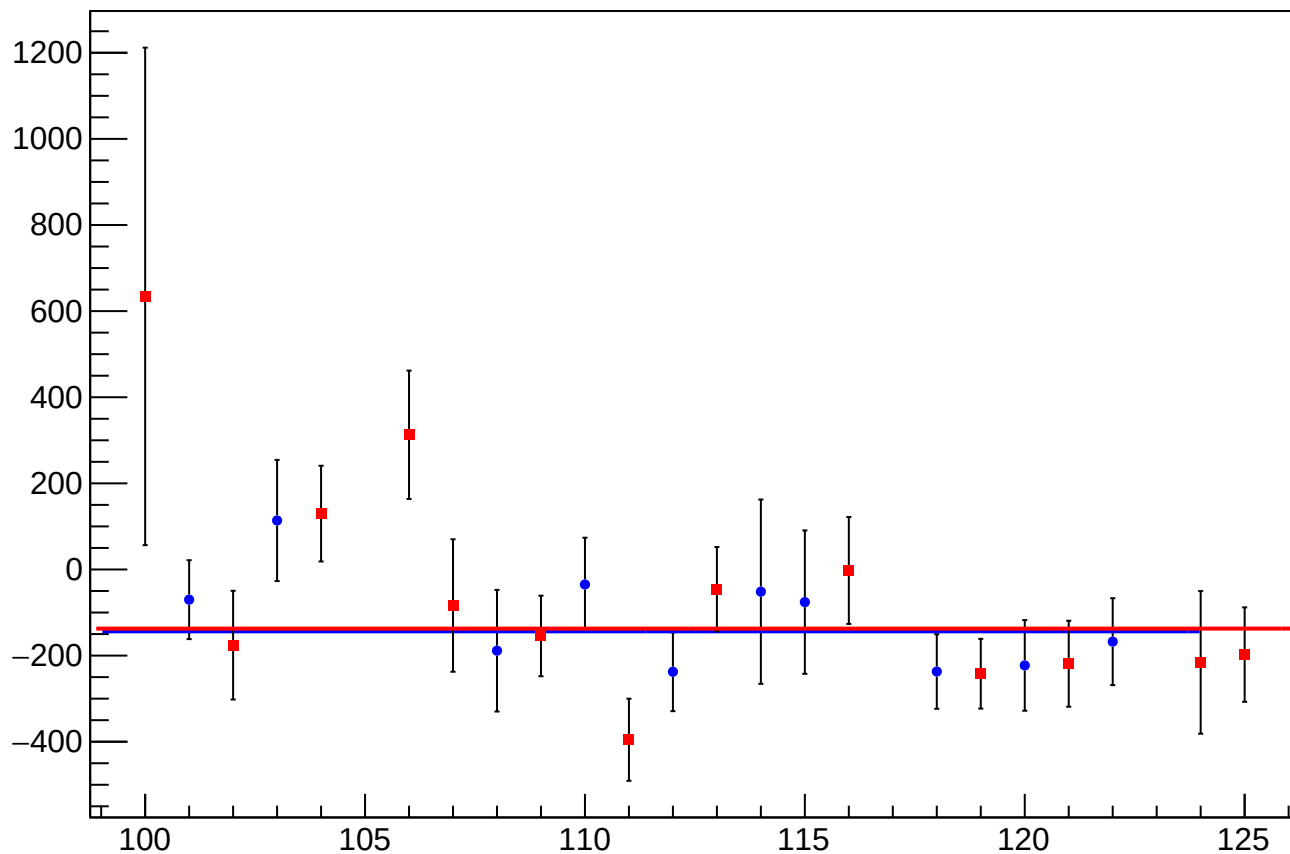
Right: 128.763+/-0.037 χ^2/NDF : 5466517.2/22

In: 138.785+/-0.058 χ^2/NDF :2458465.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 128.763+/-0.037 χ^2/NDF : 5466517.2/22

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -143.645 $\pm$ 35.264 χ^2 /NDF: 8.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -137.330 $\pm$ 31.626 χ^2 /NDF: 29.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

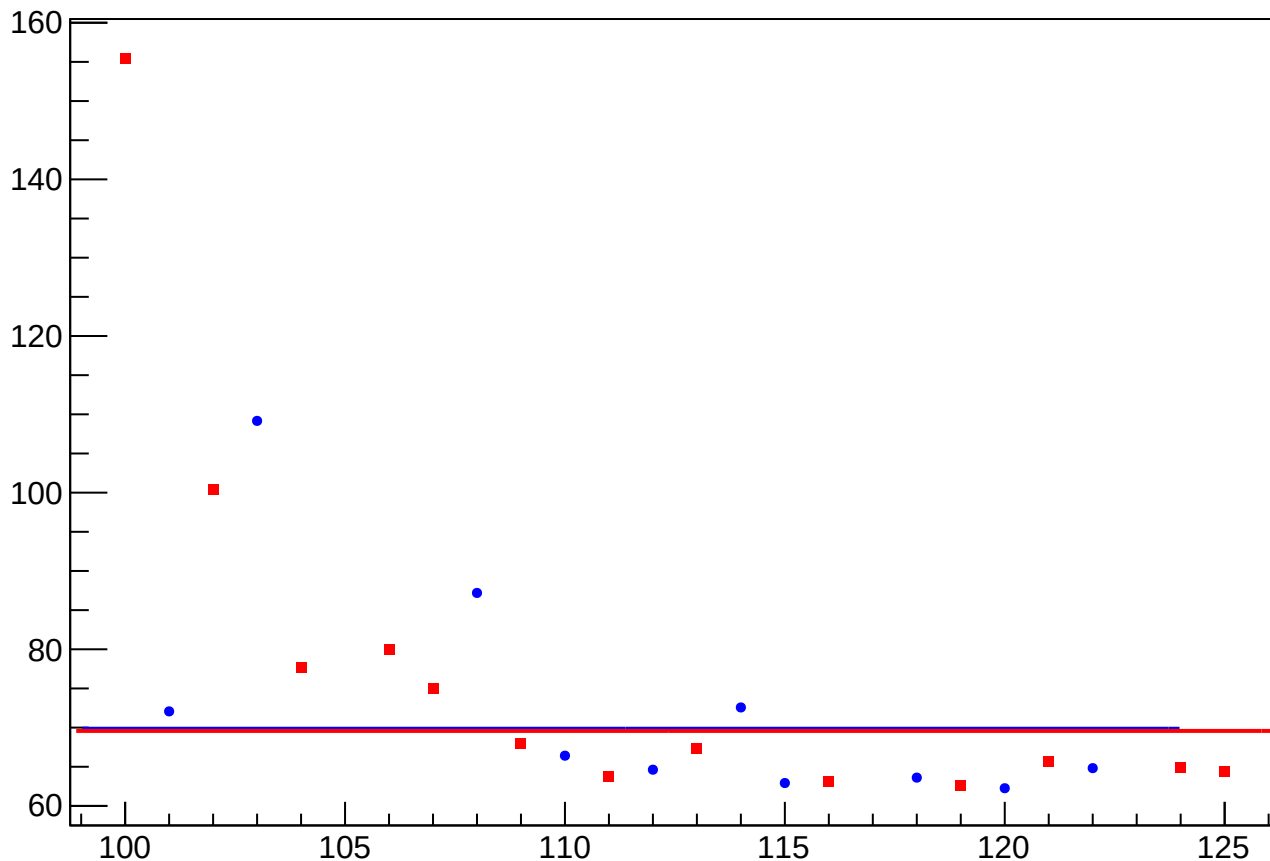
Right: -140.145 $\pm$ 23.544 χ^2 /NDF: 37.5/22

In: -143.645 $\pm$ 35.264 χ^2 /NDF:8.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -140.145 $\pm$ 23.544 χ^2 /NDF: 37.5/22

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: 69.578+/-0.022 χ^2/NDF : 225379.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

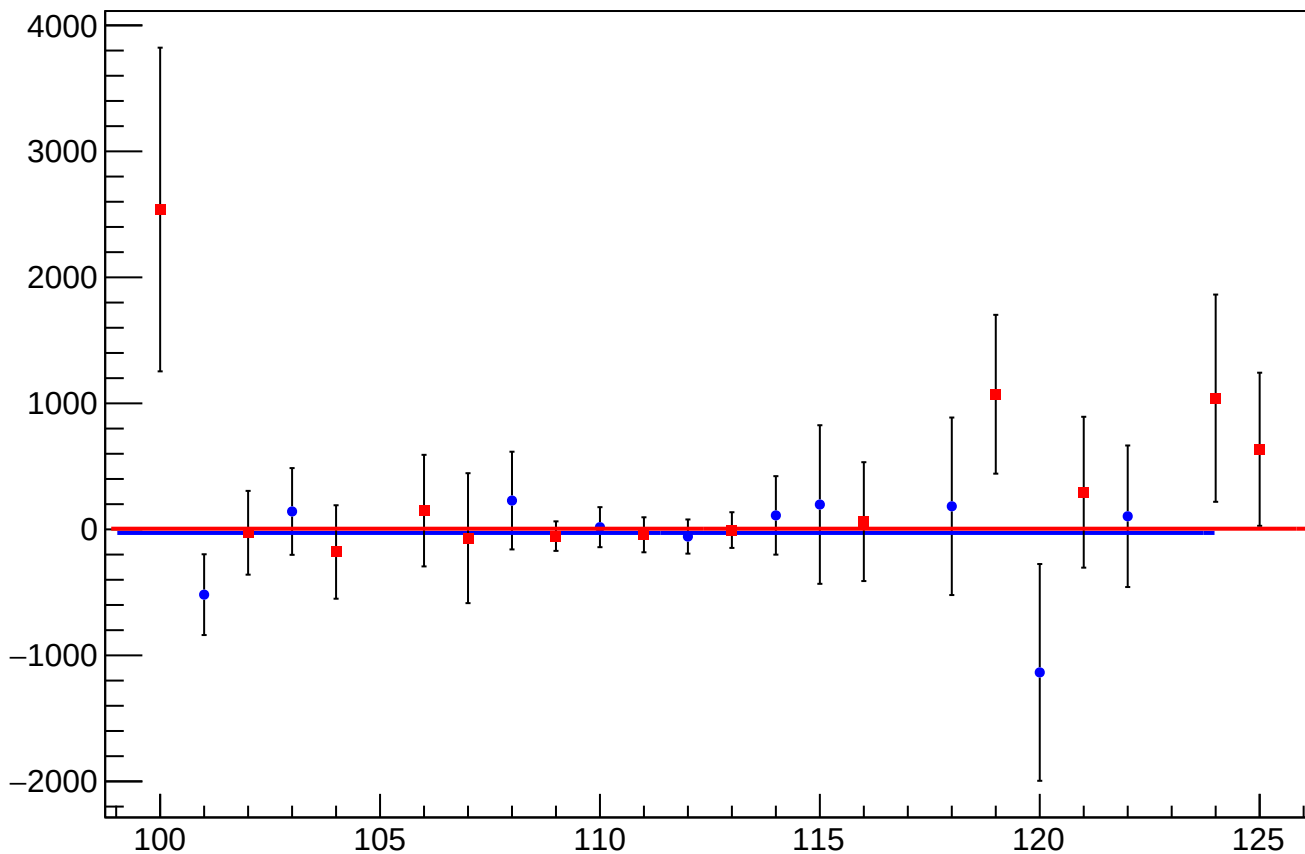
Right: 69.700+/-0.017 χ^2/NDF : 450988.8/22

In: 69.853+/-0.025 χ^2/NDF :225541.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 69.700+/-0.017 χ^2/NDF : 450988.8/22

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: 5.330 $\pm$ 68.307 χ^2 /NDF: 10.4/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

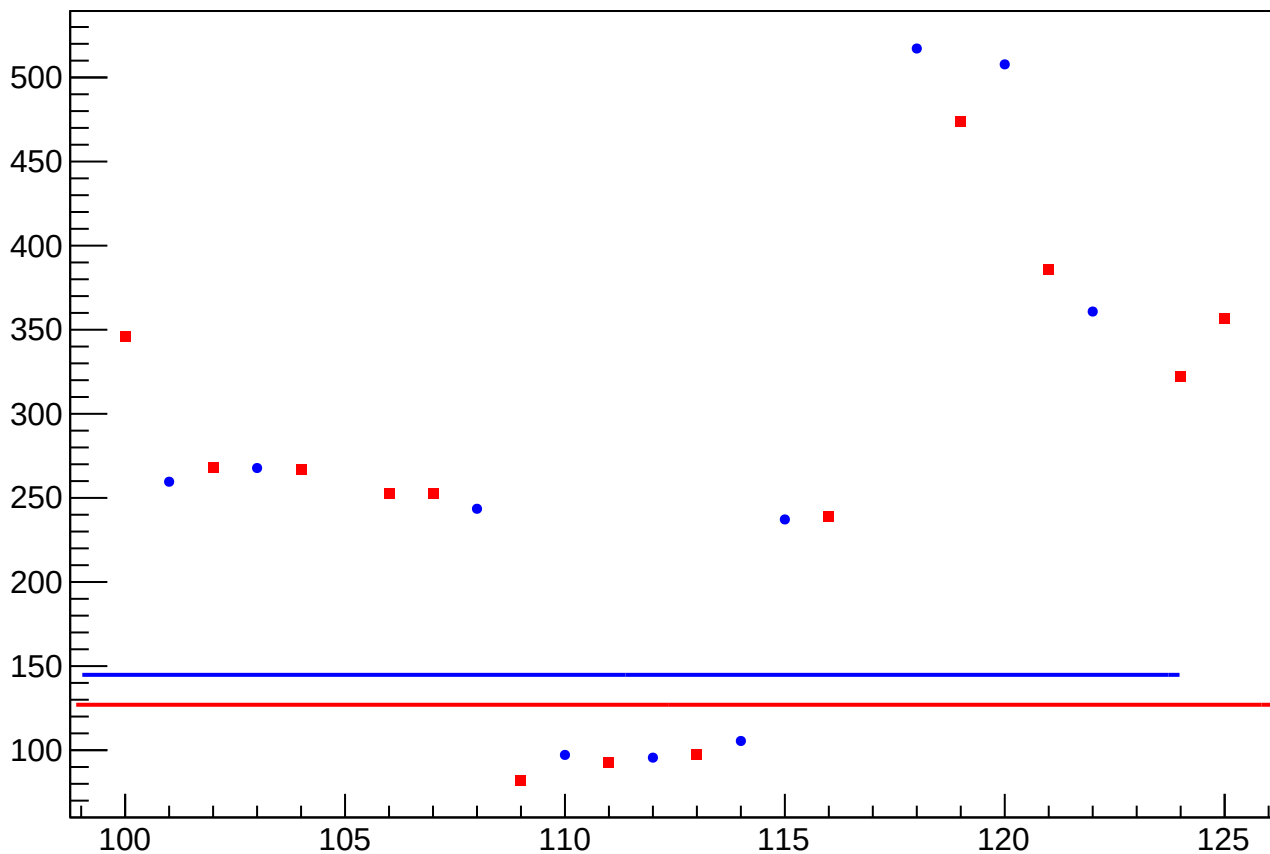
Right: -7.878 $\pm$ 53.258 χ^2 /NDF: 15.8/22

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: -7.878 $\pm$ 53.258 χ^2 /NDF: 15.8/22

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: 127.009+/-0.048 χ^2/NDF : 2979488.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

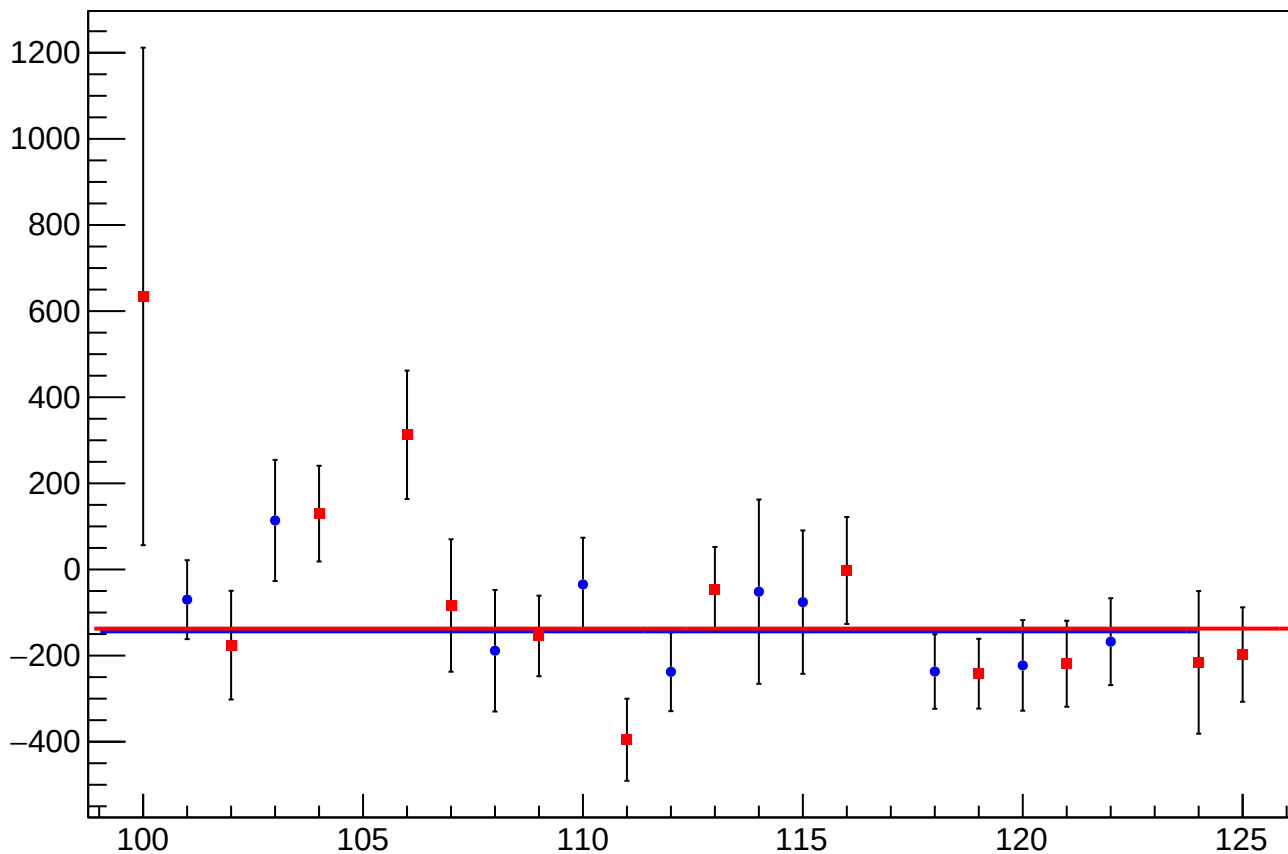
Right: 133.985+/-0.038 χ^2/NDF : 5403754.6/22

In: 144.800+/-0.060 χ^2/NDF : 2371067.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.985+/-0.038 χ^2/NDF : 5403754.6/22

eigen_dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -143.644 $\pm$ 35.264 χ^2 /NDF: 8.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -137.332 $\pm$ 31.626 χ^2 /NDF: 29.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

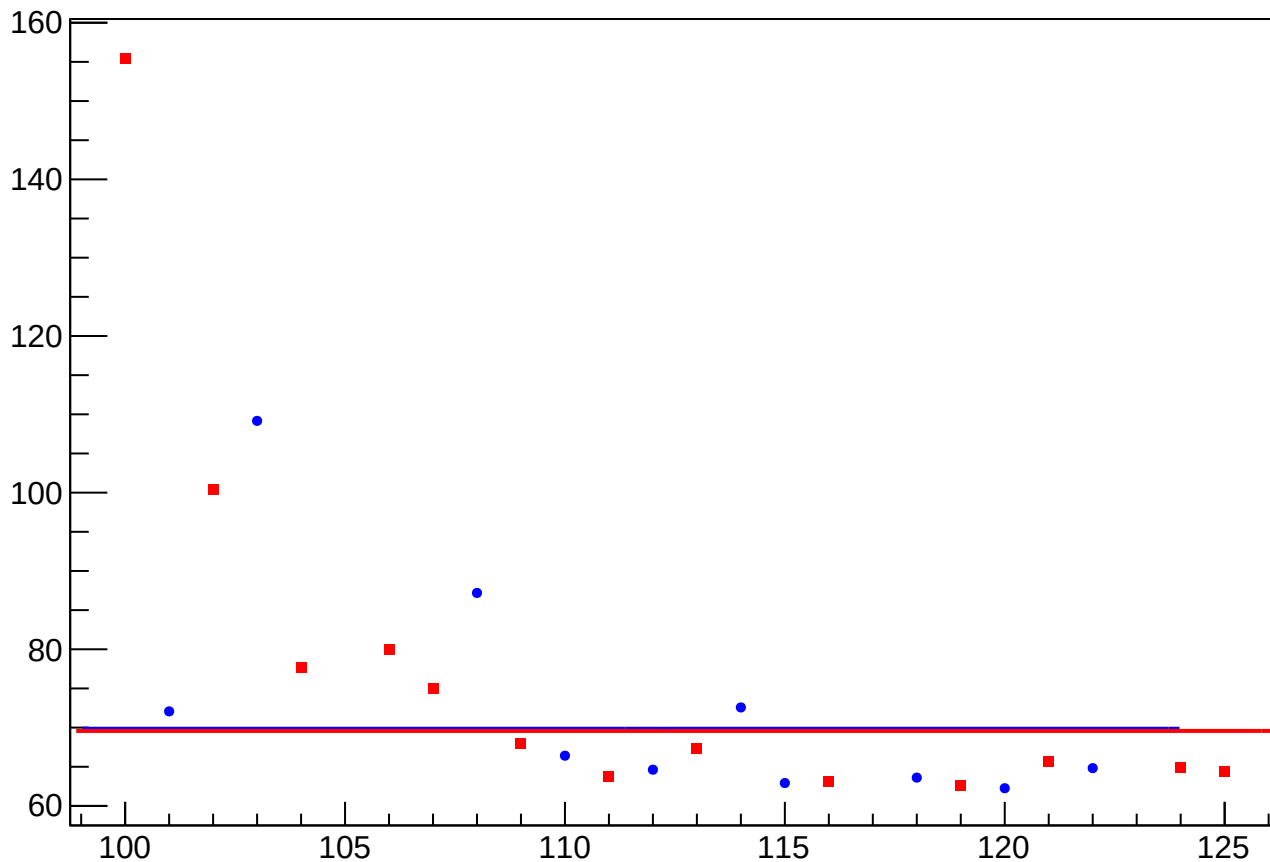
Right: -140.146 $\pm$ 23.544 χ^2 /NDF: 37.5/22

In: -143.644 $\pm$ 35.264 χ^2 /NDF:8.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -140.146 $\pm$ 23.544 χ^2 /NDF: 37.5/22

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: 69.578+/-0.022 χ^2/NDF : 225382.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

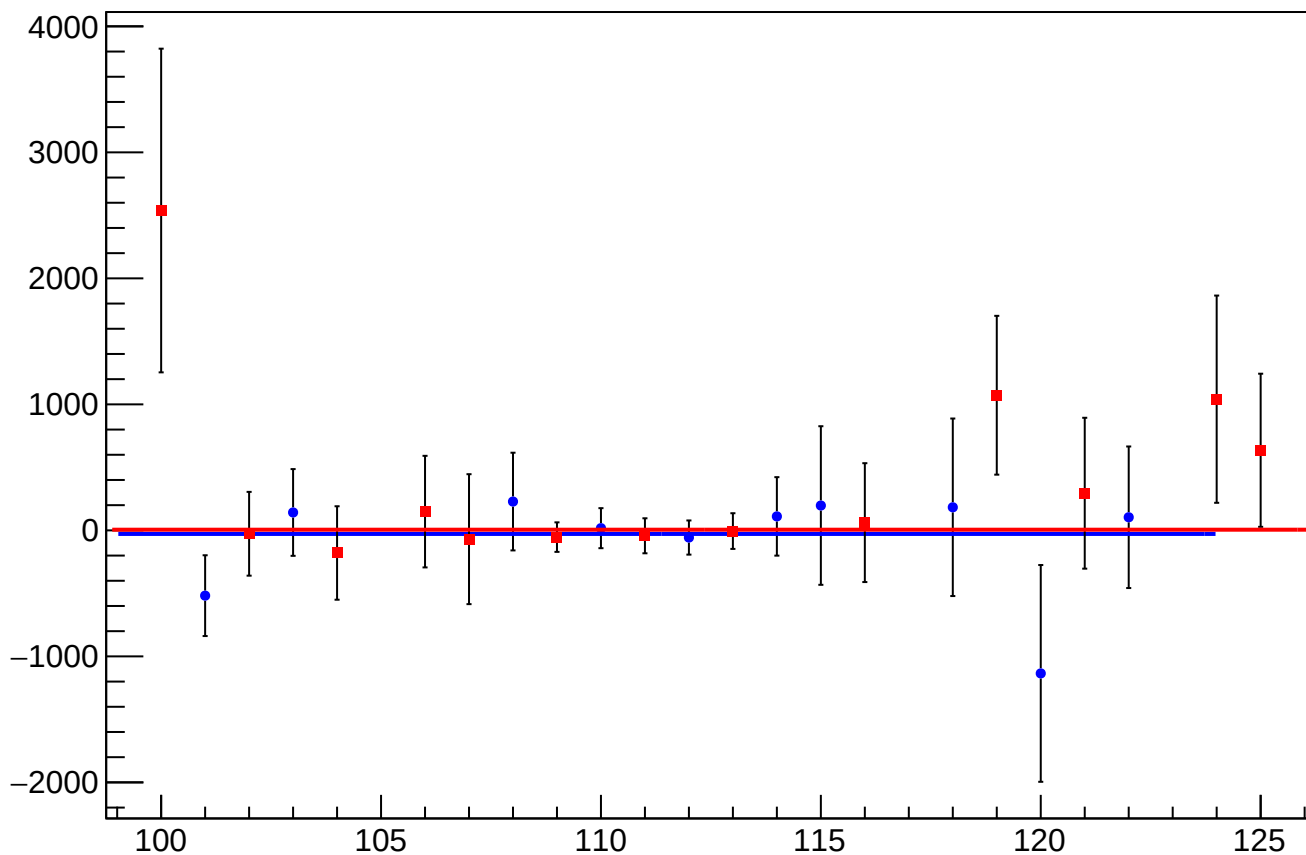
Right: 69.700+/-0.017 χ^2/NDF : 450992.0/22

In: 69.853+/-0.025 χ^2/NDF :225542.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 69.700+/-0.017 χ^2/NDF : 450992.0/22

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: 5.329+/-68.307 χ^2 /NDF: 10.4/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

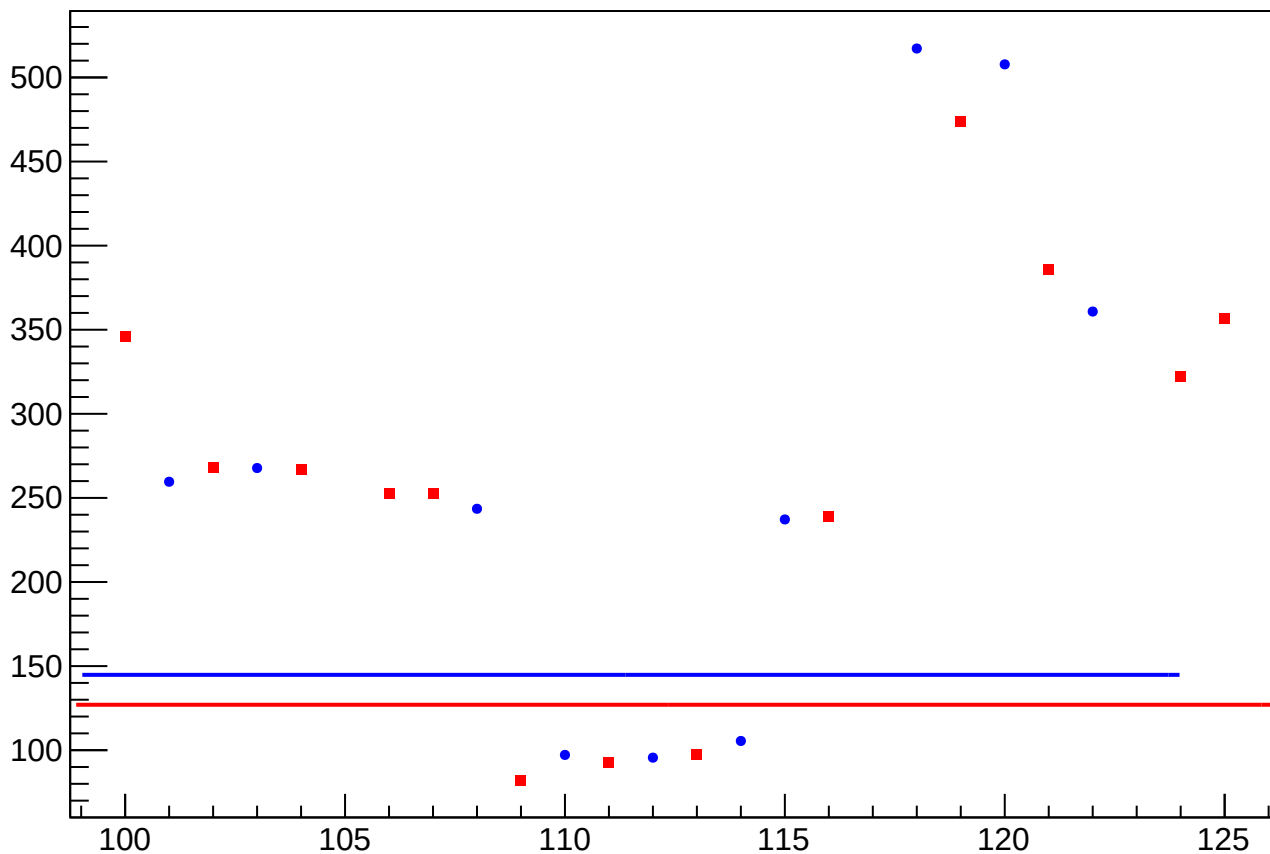
Right: -7.879+/-53.257 χ^2 /NDF: 15.8/22

In: -28.356+/-85.051 χ^2 /NDF:5.3/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -7.879+/-53.257 χ^2 /NDF: 15.8/22

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: 127.009+/-0.048 χ^2/NDF : 2979474.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

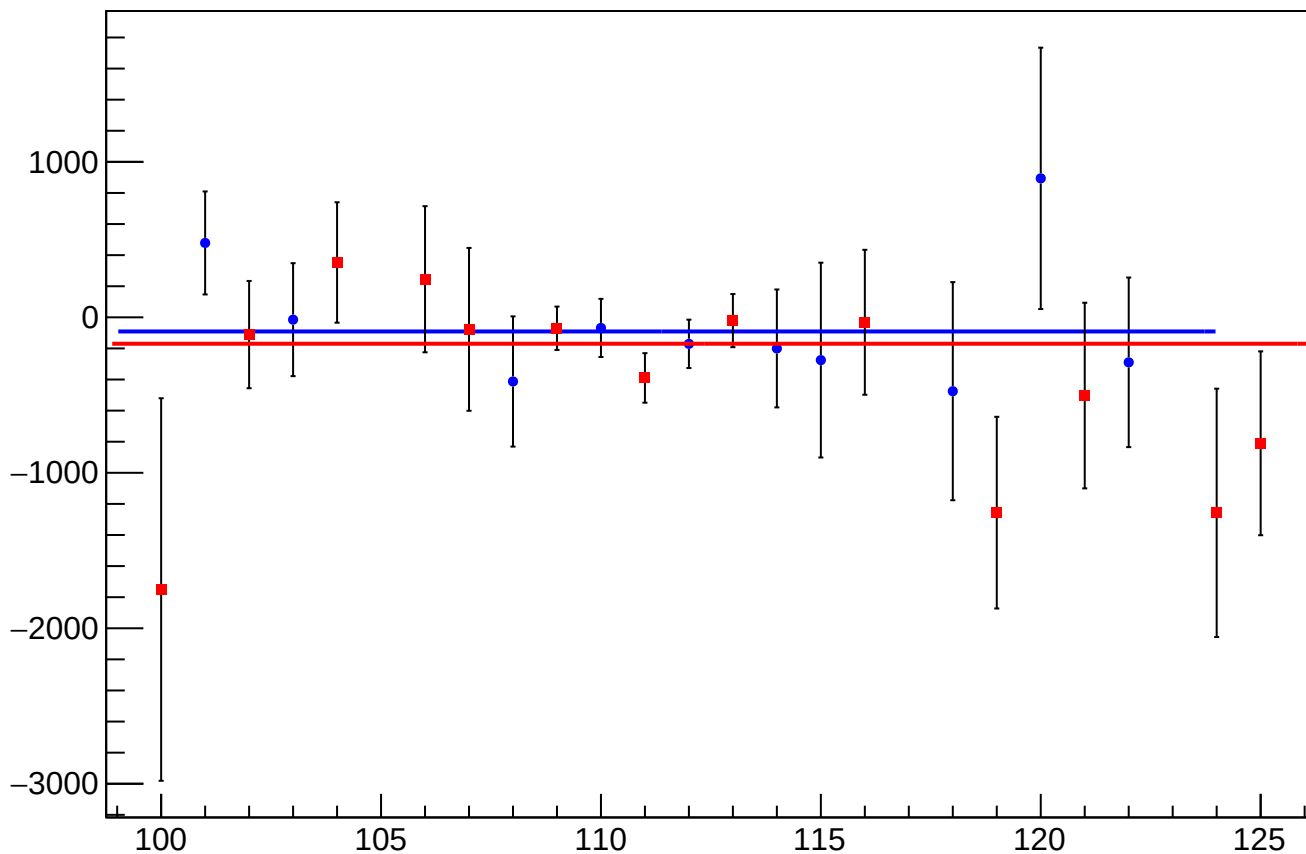
Right: 133.984+/-0.038 χ^2/NDF : 5403745.5/22

In: 144.799+/-0.060 χ^2/NDF : 2371077.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.984+/-0.038 χ^2/NDF : 5403745.5/22

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: -169.802+/-78.216 χ^2/NDF : 14.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

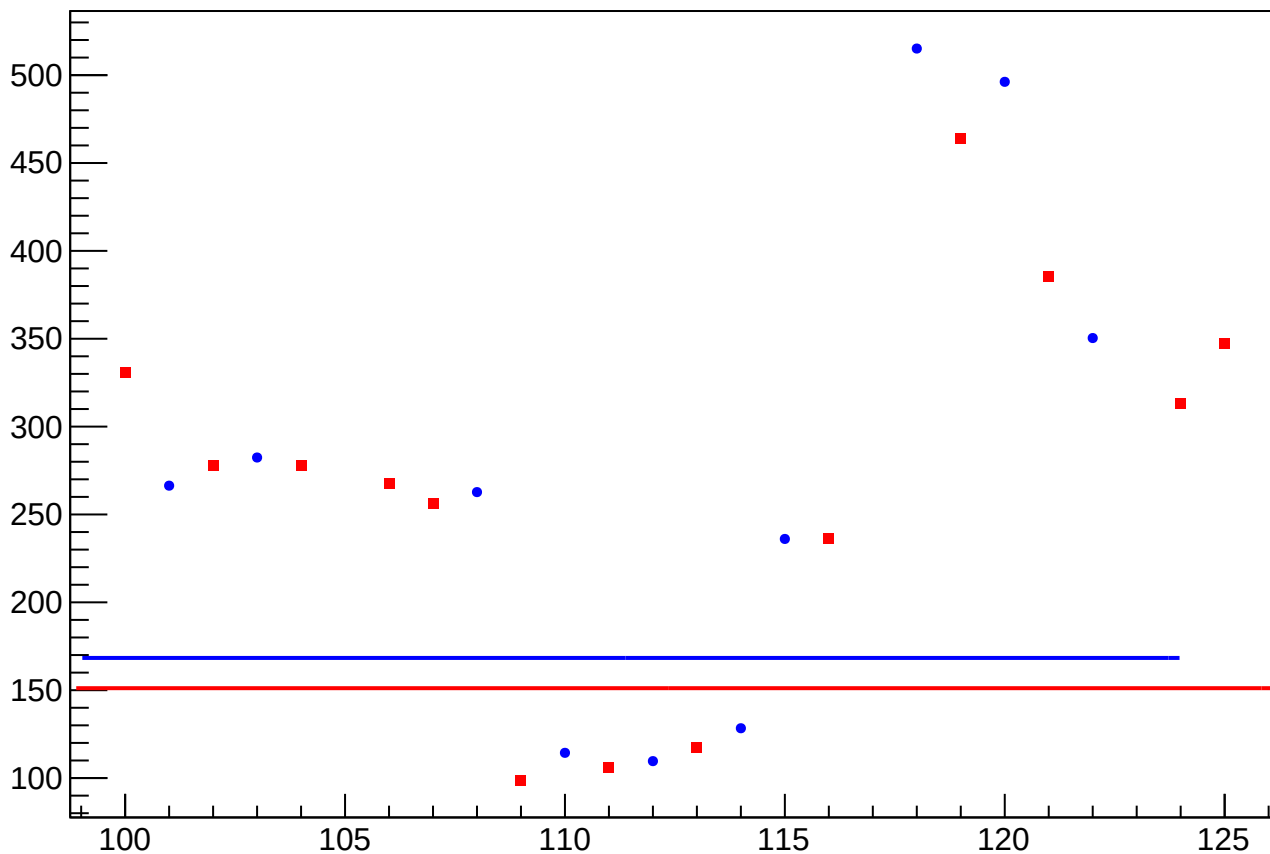
Right: -138.295+/-60.626 χ^2/NDF : 20.3/22

In: -90.878+/-95.953 χ^2/NDF :5.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -138.295+/-60.626 χ^2/NDF : 20.3/22

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: 151.144+/-0.055 χ^2/NDF : 2444282.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

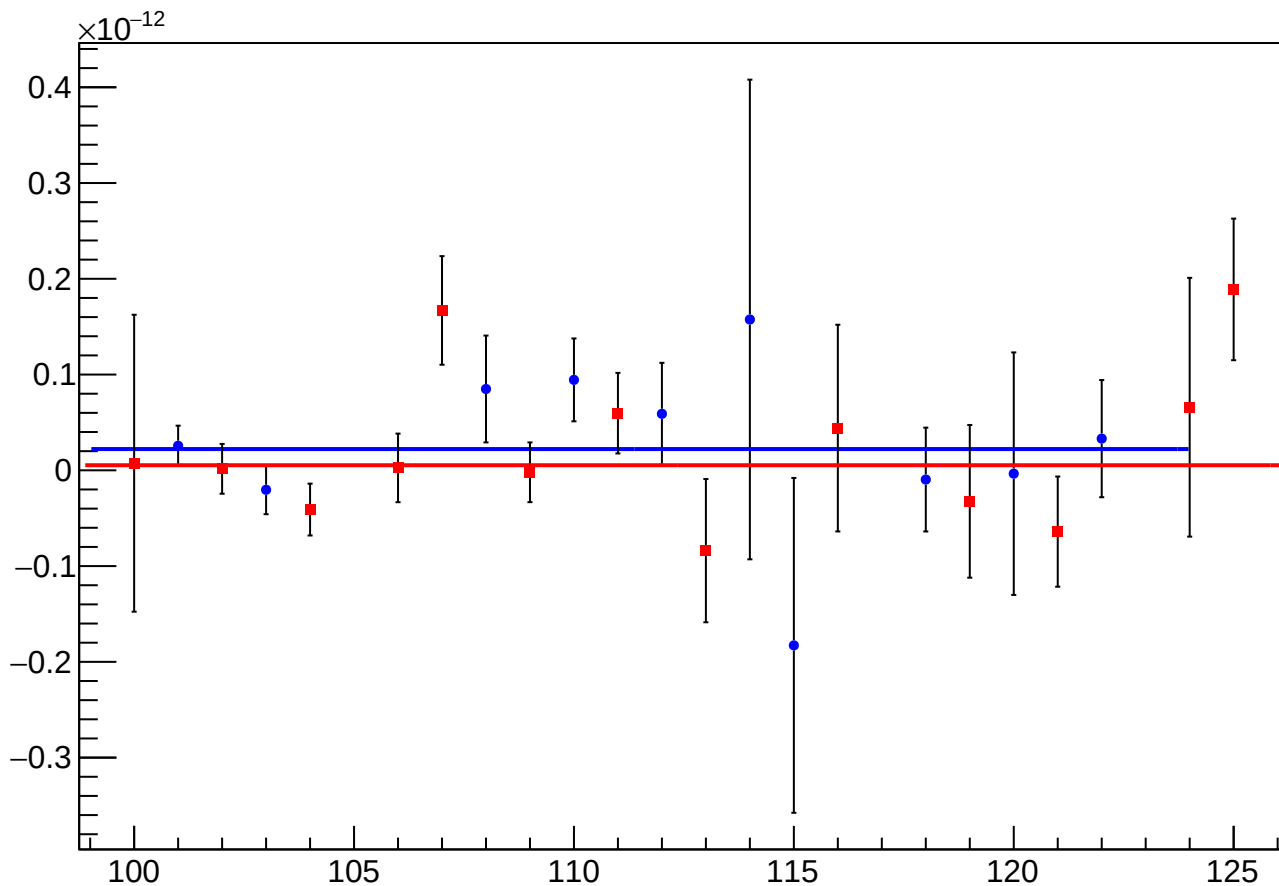
Right: 158.017+/-0.043 χ^2/NDF : 4469982.3/22

In: 168.361+/-0.068 χ^2/NDF : 1987013.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.017+/-0.043 χ^2/NDF : 4469982.3/22

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 : 22.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

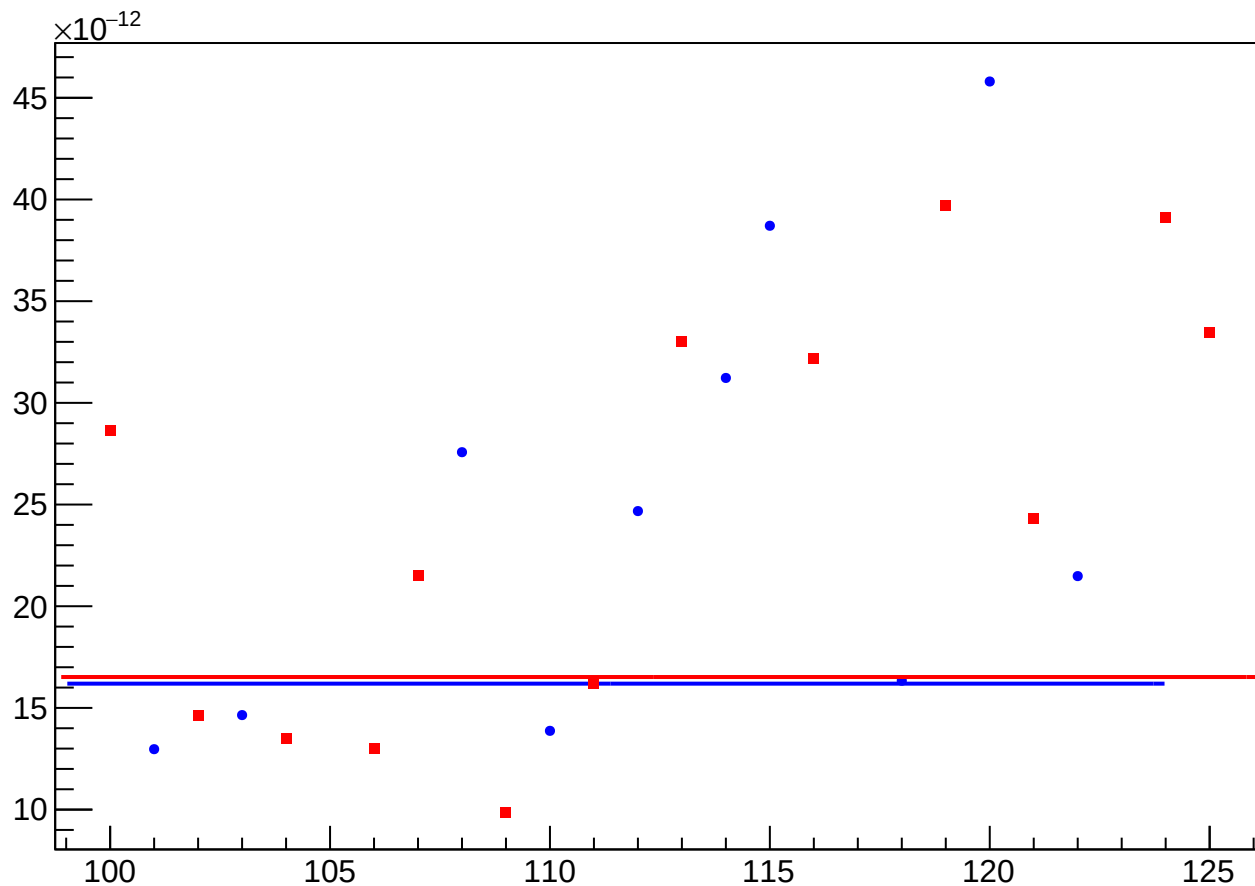
Right: 0.000+/-0.000 χ^2/NDF : 32.7/22

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 : 32.7/22

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 : 680443.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

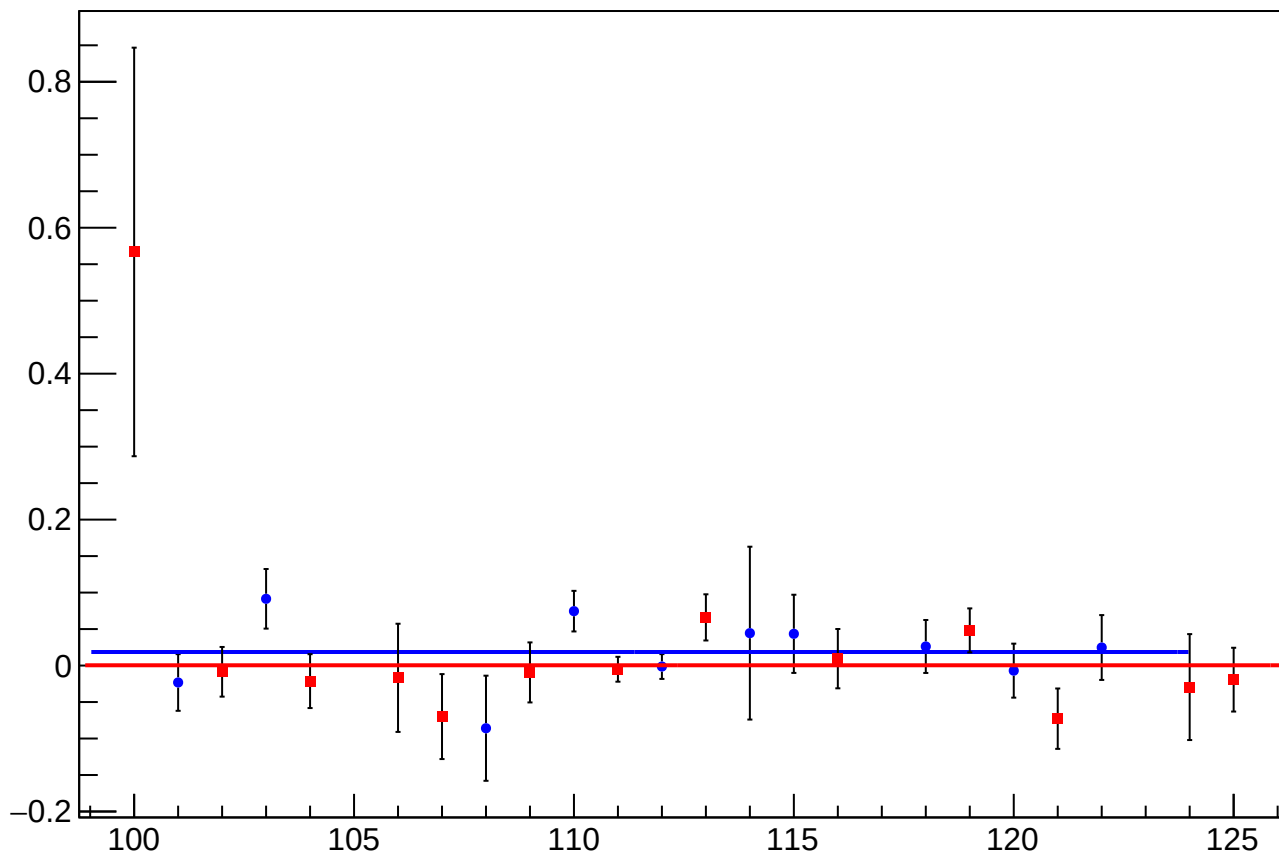
Right: 0.000+/-0.000 χ^2/NDF : 1040145.6/22

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 : 1040145.6/22

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: 0.000+/-0.010 χ^2/NDF : 16.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

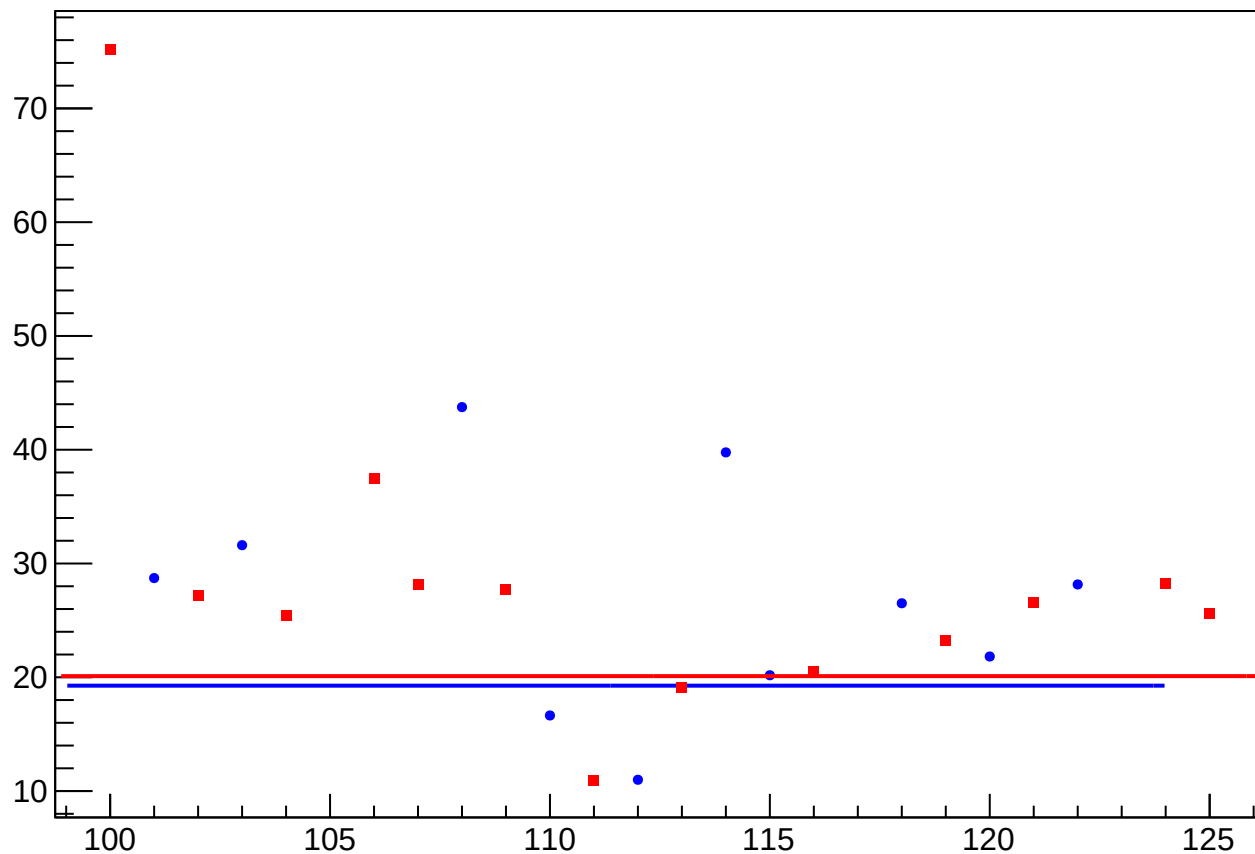
Right: 0.009+/-0.007 χ^2/NDF : 30.8/22

In: 0.019+/-0.011 χ^2/NDF : 12.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.007 χ^2/NDF : 30.8/22

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: 20.102+/-0.007 χ^2/NDF : 1133450.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

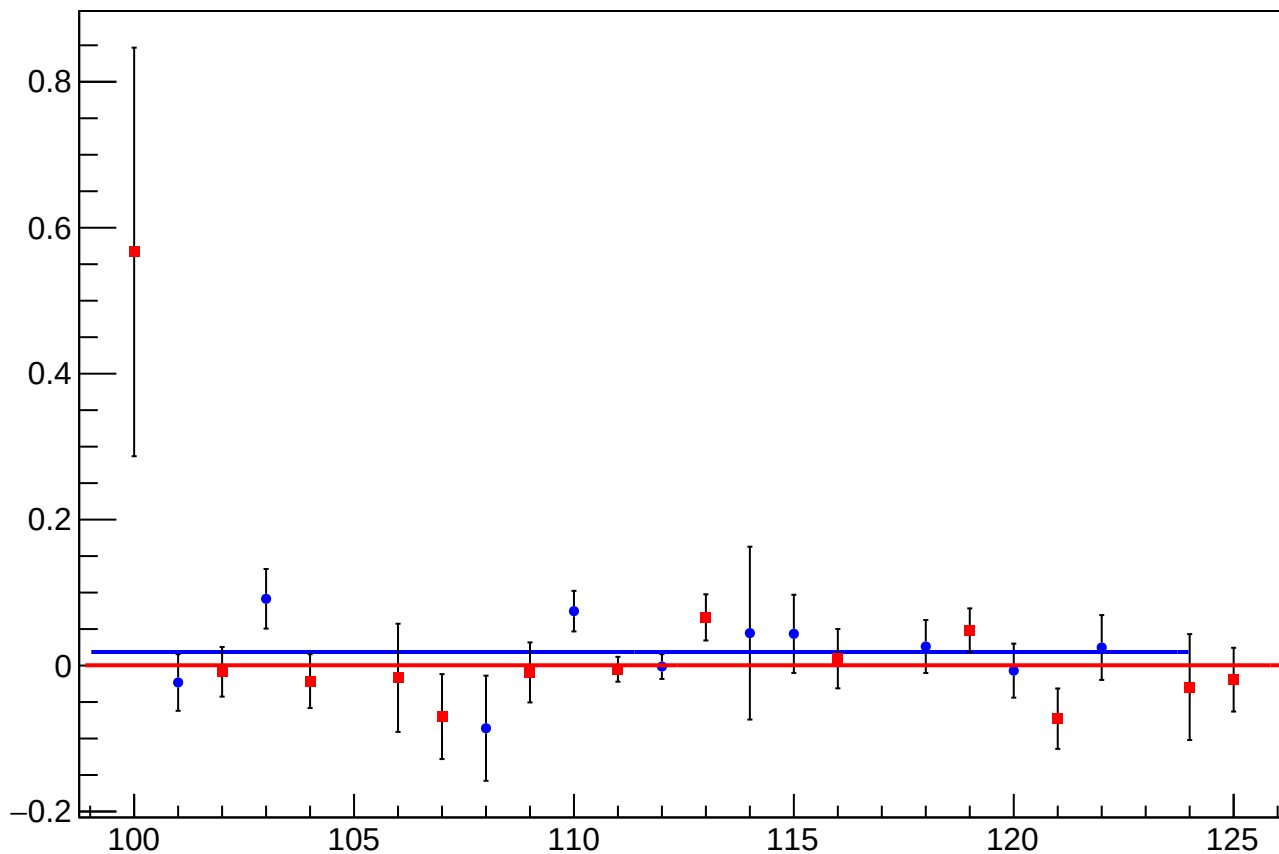
Right: 19.716+/-0.005 χ^2/NDF : 2394291.4/22

In: 19.263+/-0.008 χ^2/NDF : 1254295.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.716+/-0.005 χ^2/NDF : 2394291.4/22

asym_sam8_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.011 χ^2/NDF : 12.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.010 χ^2/NDF : 16.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

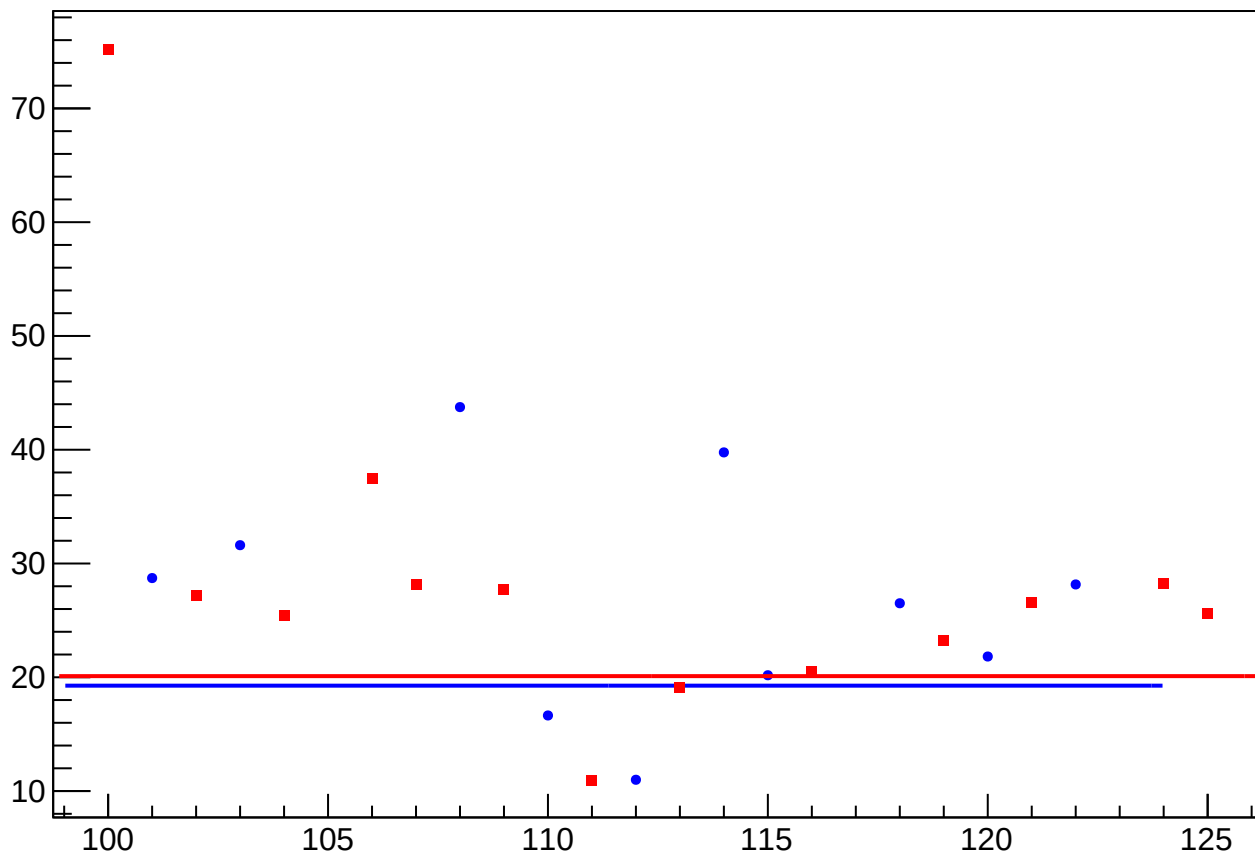
Right: 0.009+/-0.007 χ^2/NDF : 30.8/22

In: 0.019+/-0.011 χ^2/NDF :12.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.009+/-0.007 χ^2/NDF : 30.8/22

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: 20.102+/-0.007 χ^2/NDF : 1133450.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

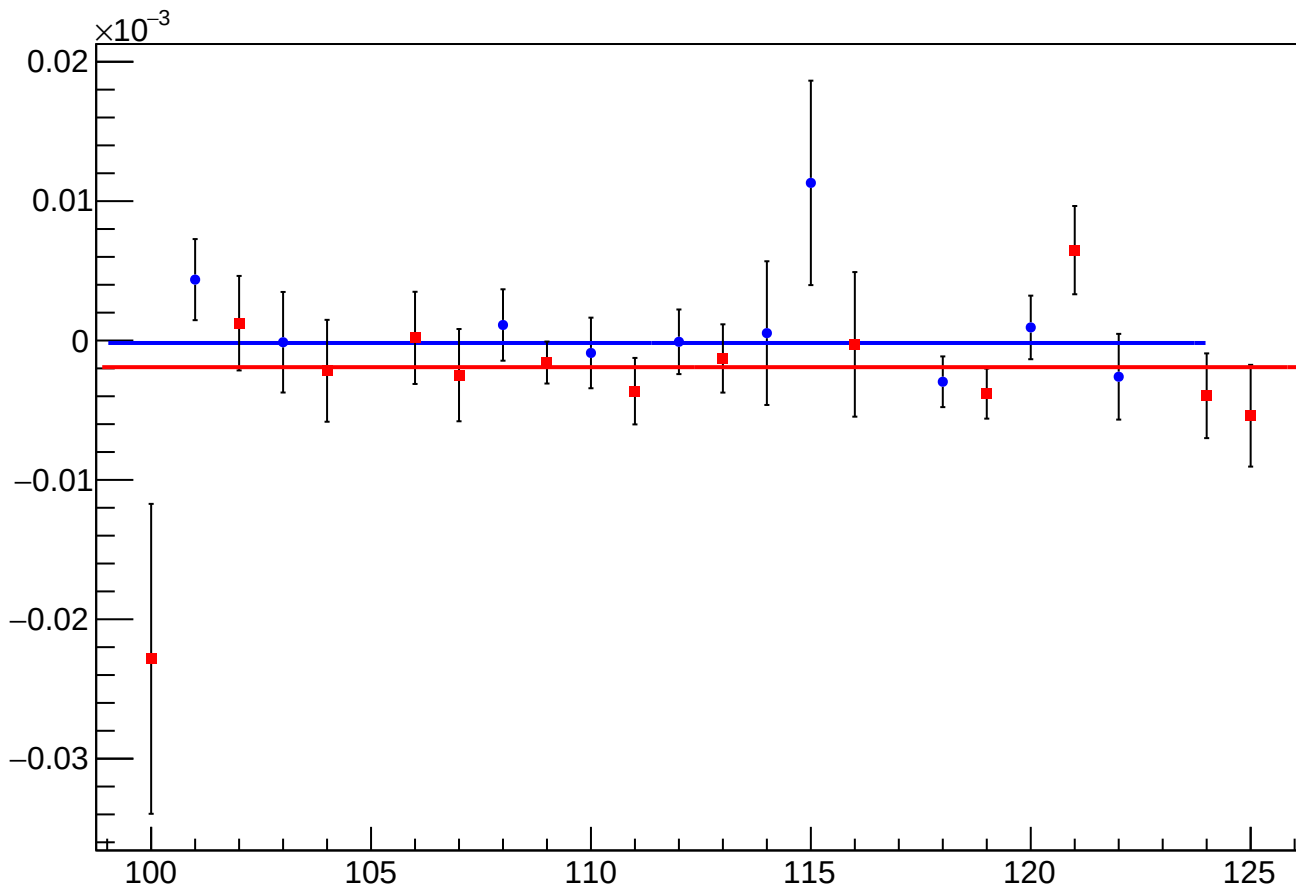
Right: 19.716+/-0.005 χ^2/NDF : 2394291.4/22

In: 19.263+/-0.008 χ^2/NDF : 1254295.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.716+/-0.005 χ^2/NDF : 2394291.4/22

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: 15.1/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

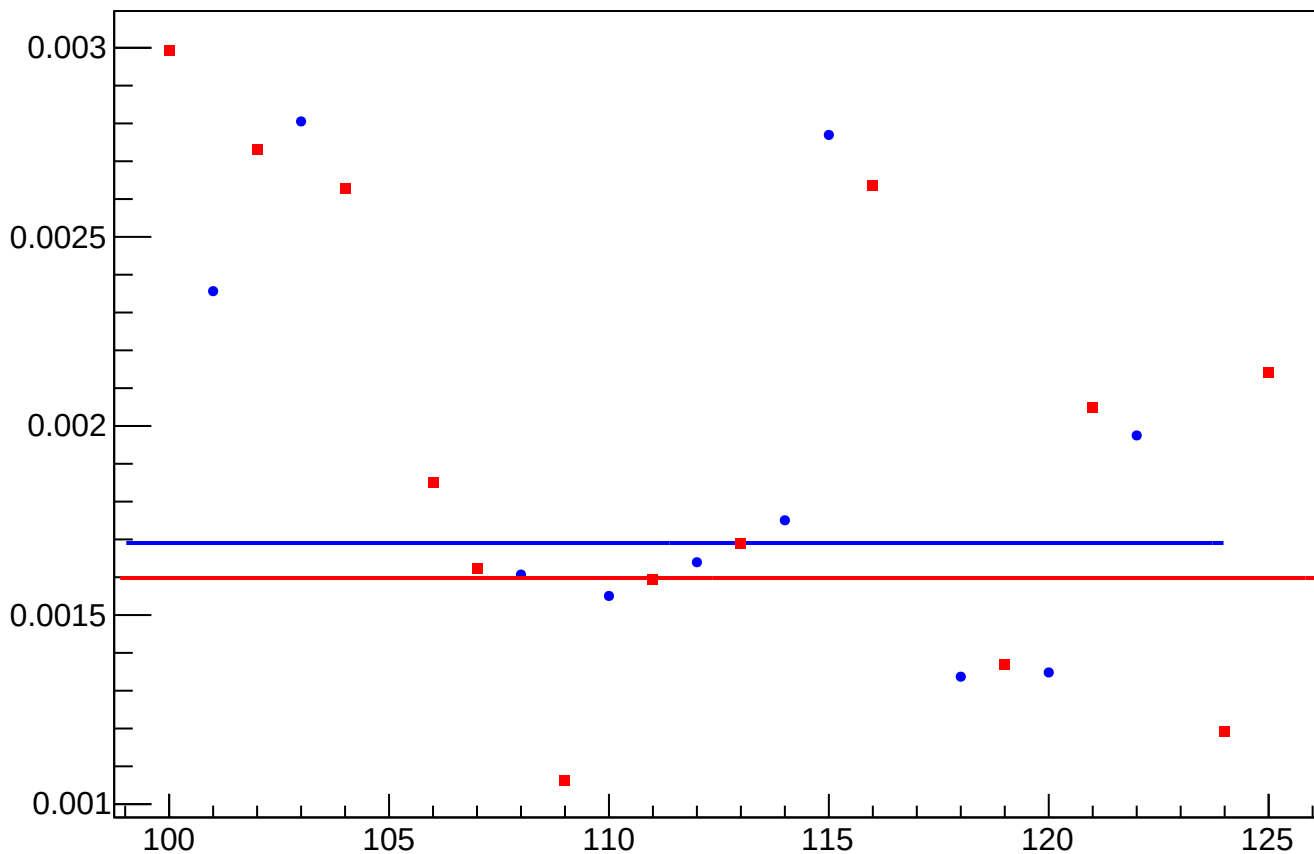
Right: -0.000+/-0.000 χ^2 /NDF: 25.8/22

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: 25.8/22

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 : 913637.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

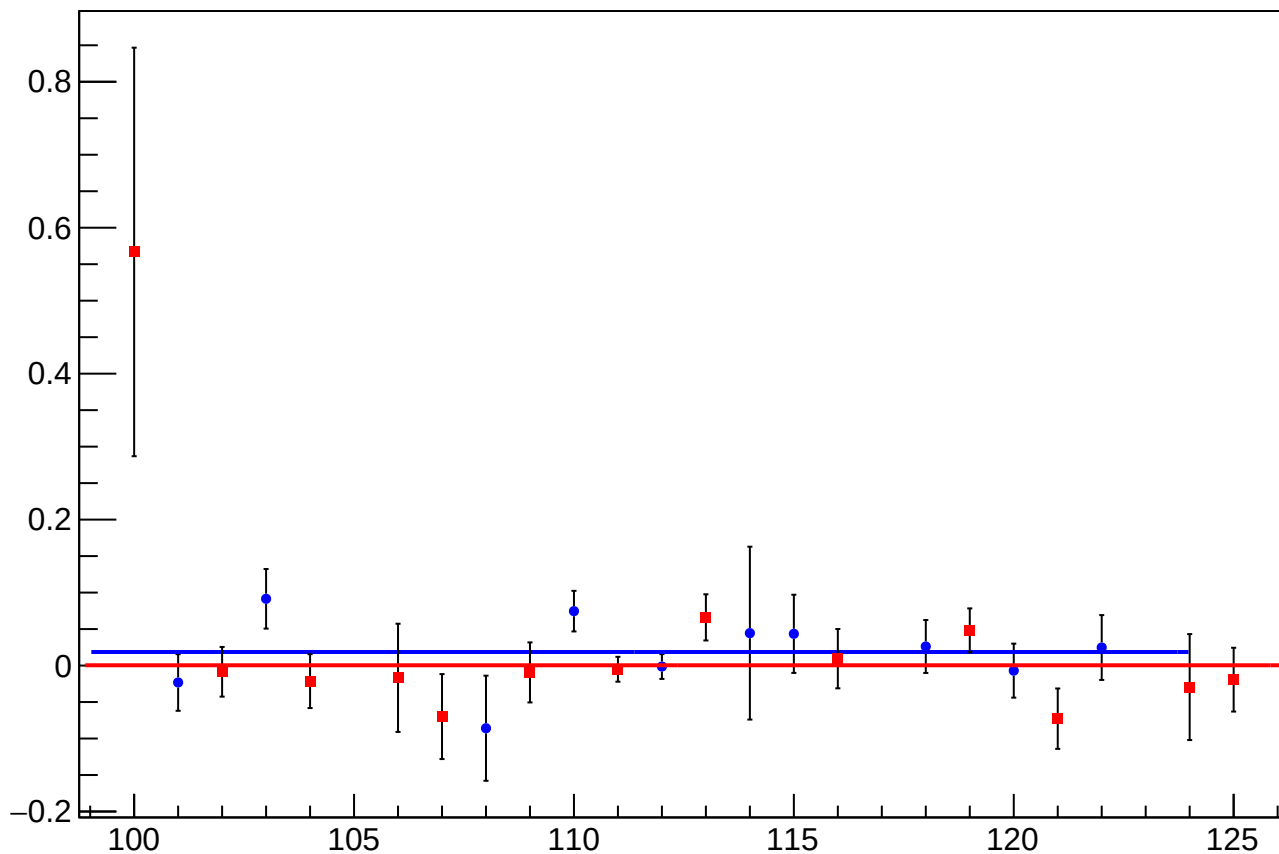
Right: 0.002+/-0.000 χ^2/NDF : 1412955.0/22

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 : 1412955.0/22

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: 0.000+/-0.010 χ^2/NDF : 16.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

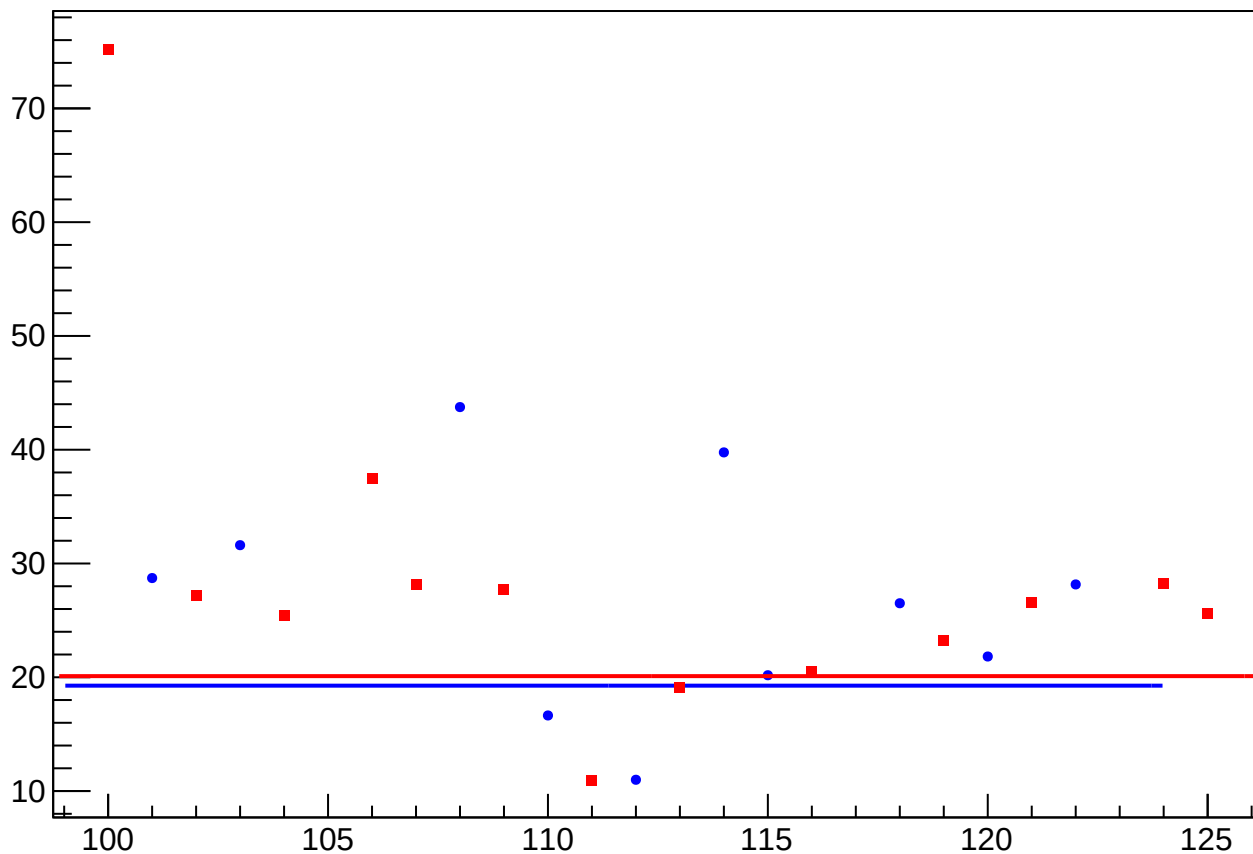
Right: 0.009+/-0.007 χ^2/NDF : 30.8/22

In: 0.019+/-0.011 χ^2/NDF :12.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.009+/-0.007 χ^2/NDF : 30.8/22

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: 20.101+/-0.007 χ^2/NDF : 1133588.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

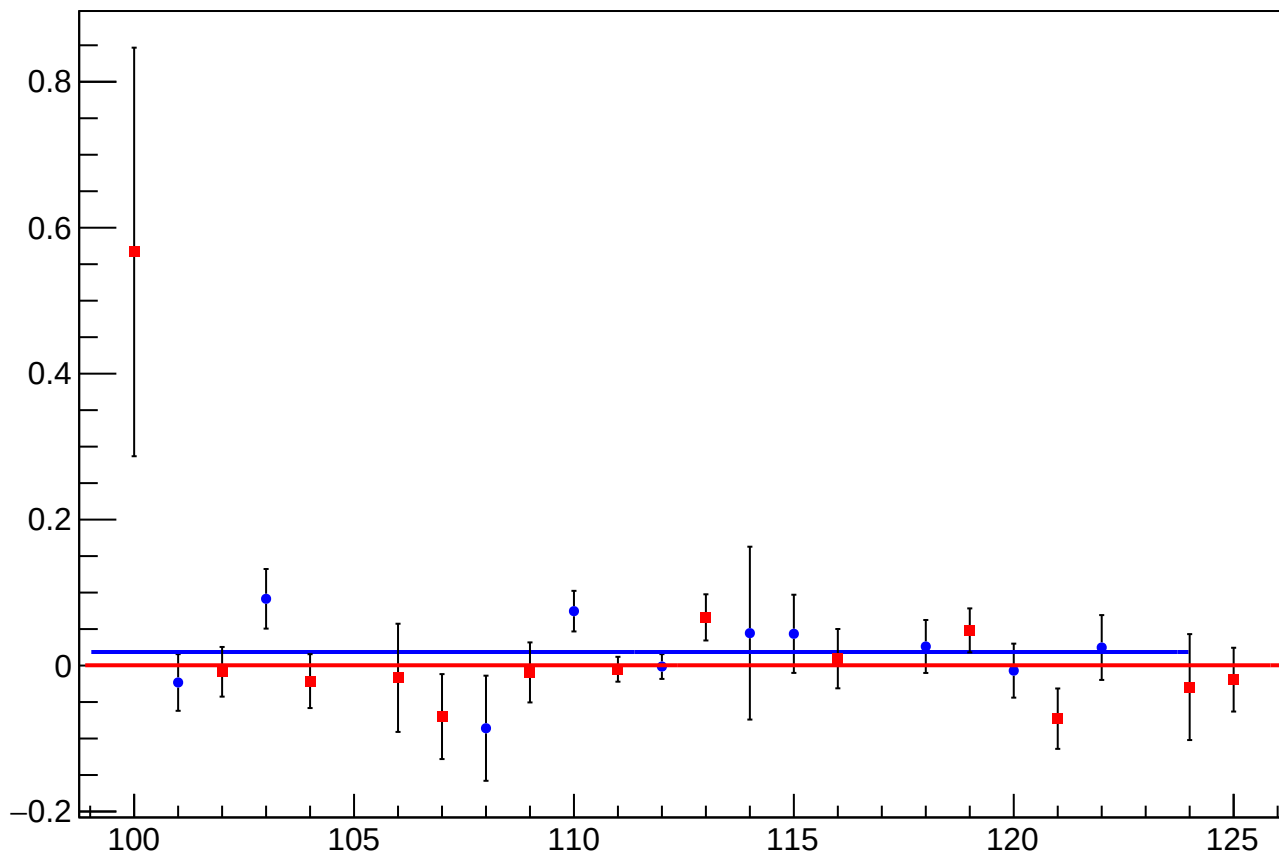
Right: 19.715+/-0.005 χ^2/NDF : 2394570.7/22

In: 19.263+/-0.008 χ^2/NDF : 1254435.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.715+/-0.005 χ^2/NDF : 2394570.7/22

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: 0.000+/-0.010 χ^2/NDF : 16.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

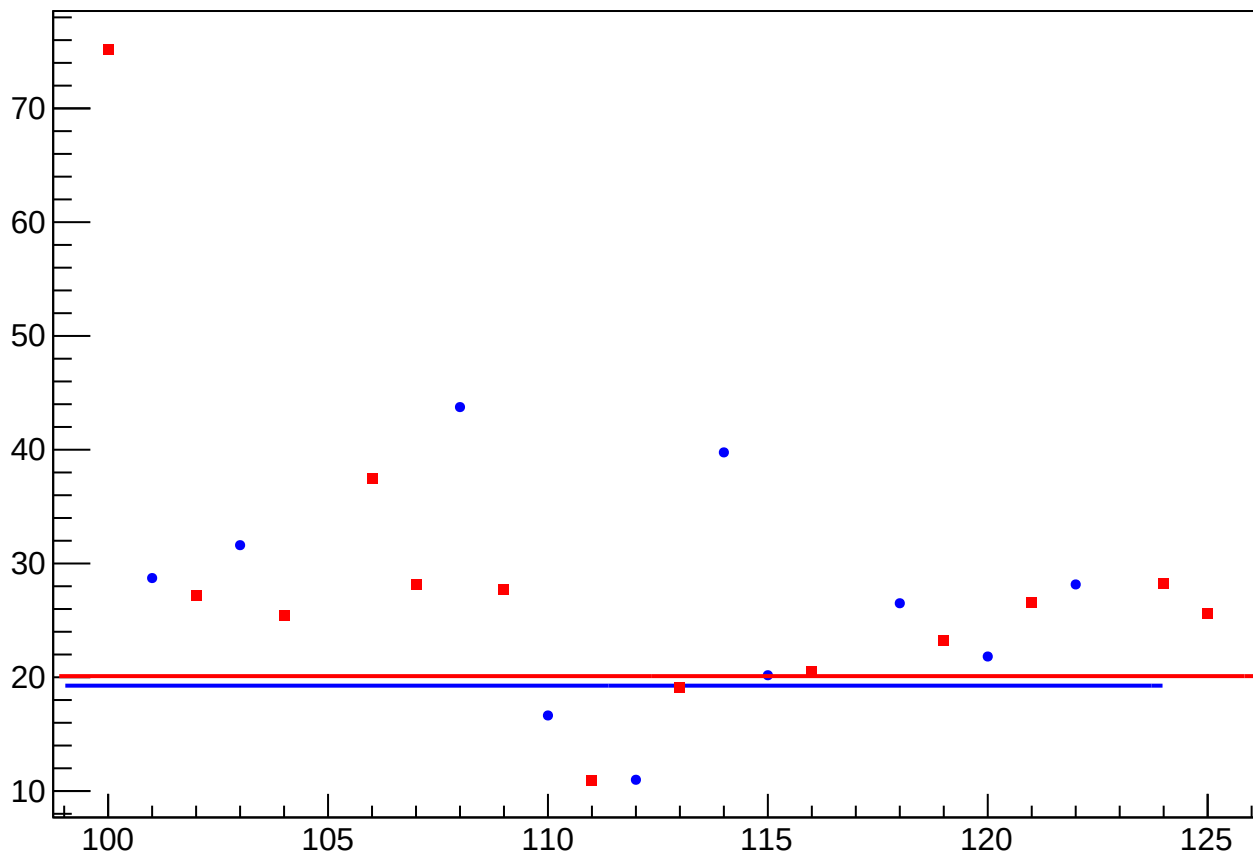
Right: 0.009+/-0.007 χ^2/NDF : 30.8/22

In: 0.019+/-0.011 χ^2/NDF :12.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.009+/-0.007 χ^2/NDF : 30.8/22

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: 20.101+/-0.007 χ^2/NDF : 1133588.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

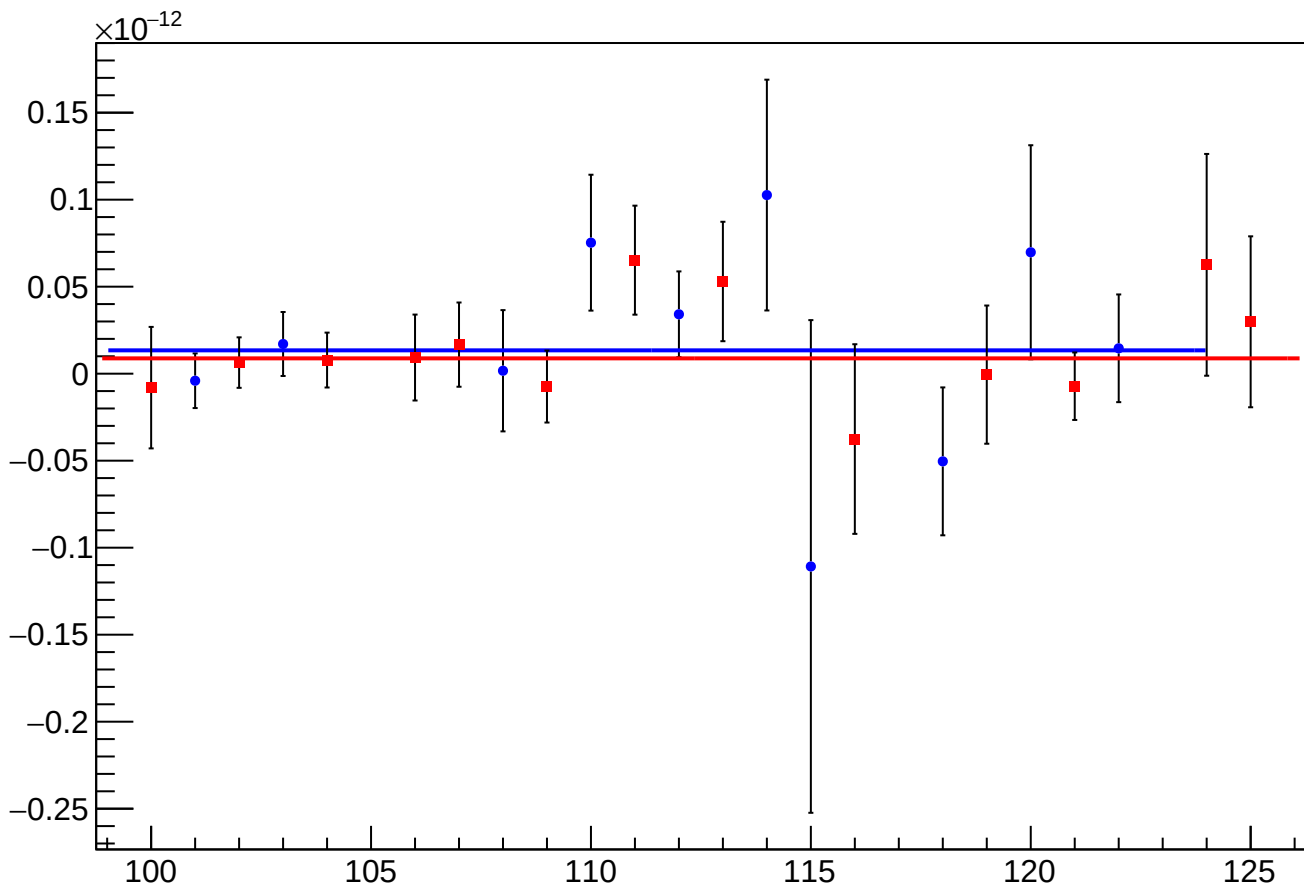
Right: 19.715+/-0.005 χ^2/NDF : 2394570.7/22

In: 19.263+/-0.008 χ^2/NDF : 1254435.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.715+/-0.005 χ^2/NDF : 2394570.7/22

asym_sam8_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

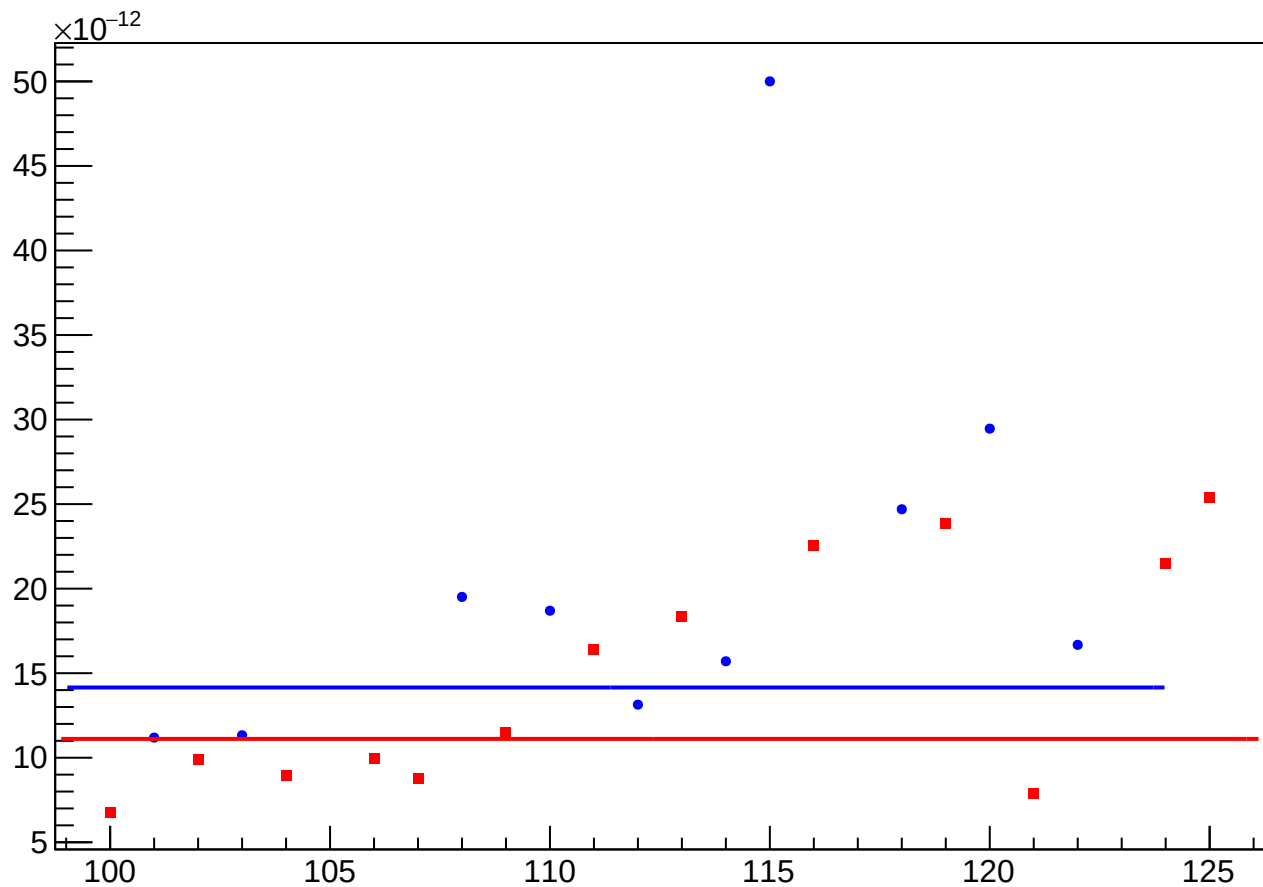
Right: 0.000+/-0.000 χ^2/NDF : 18.7/22

In: 0.000+/-0.000 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.7/22

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 : 824939.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

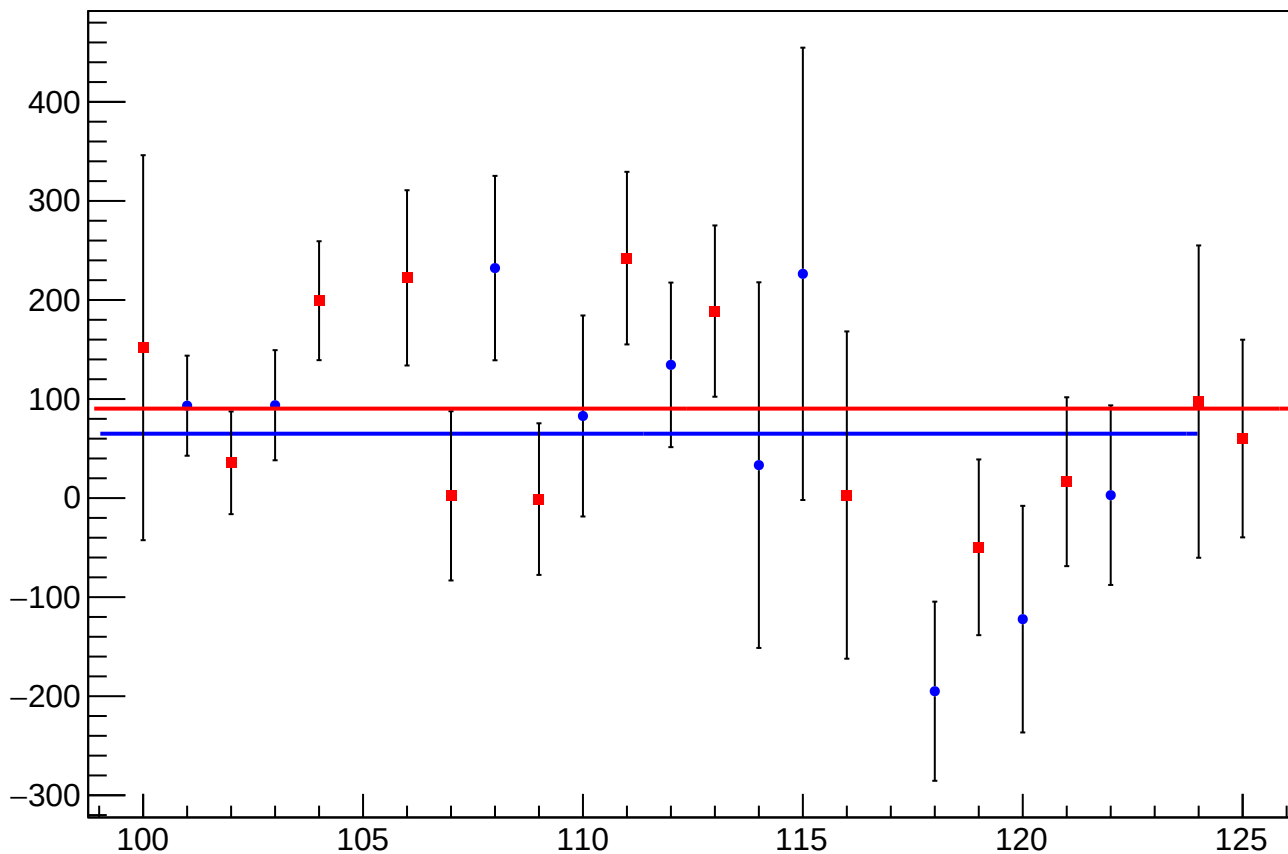
Right: 0.000+/-0.000 χ^2/NDF : 1555171.9/22

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 : 1555171.9/22

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: 90.329+/-23.444 χ^2/NDF : 17.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

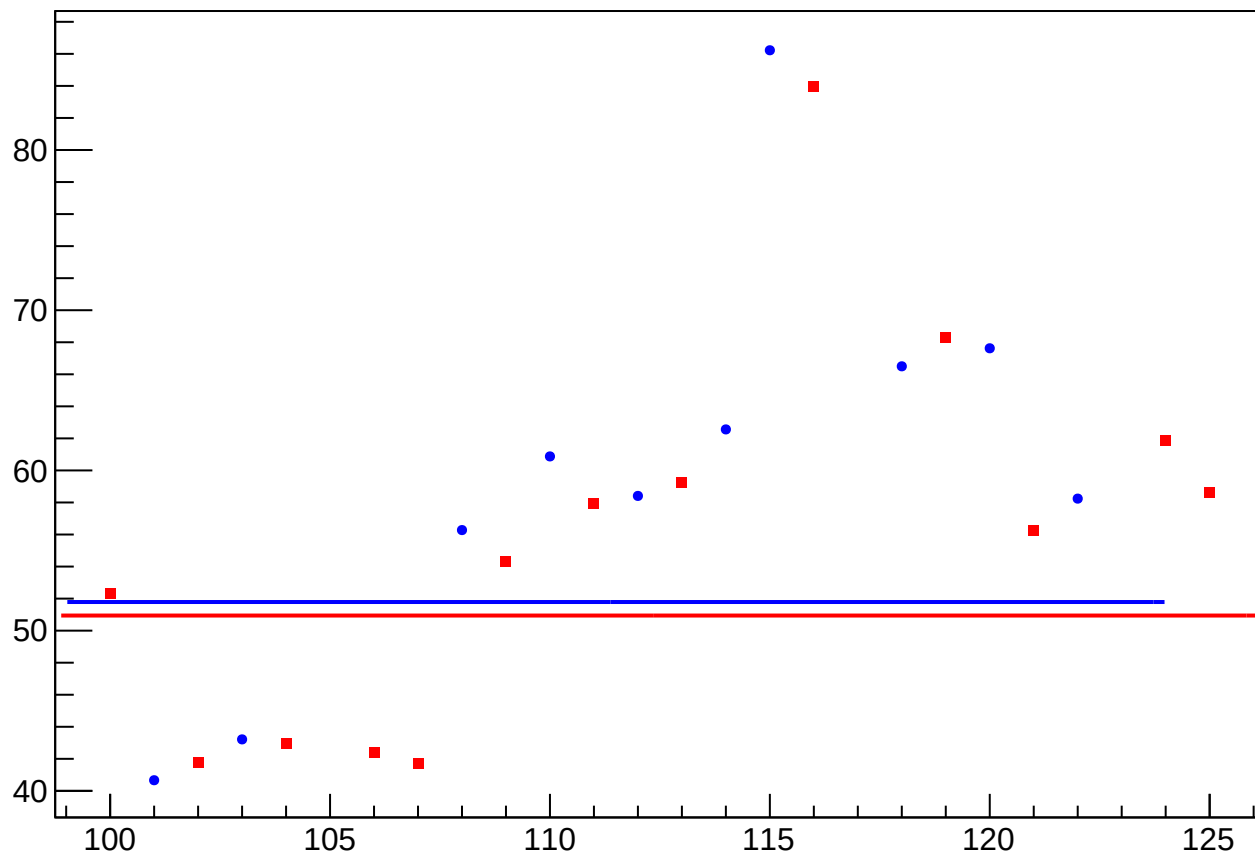
Right: 79.136+/-17.511 χ^2/NDF : 34.2/22

In: 65.012+/-26.336 χ^2/NDF : 16.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.136+/-17.511 χ^2/NDF : 34.2/22

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: 50.943+/-0.017 χ^2/NDF : 361109.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

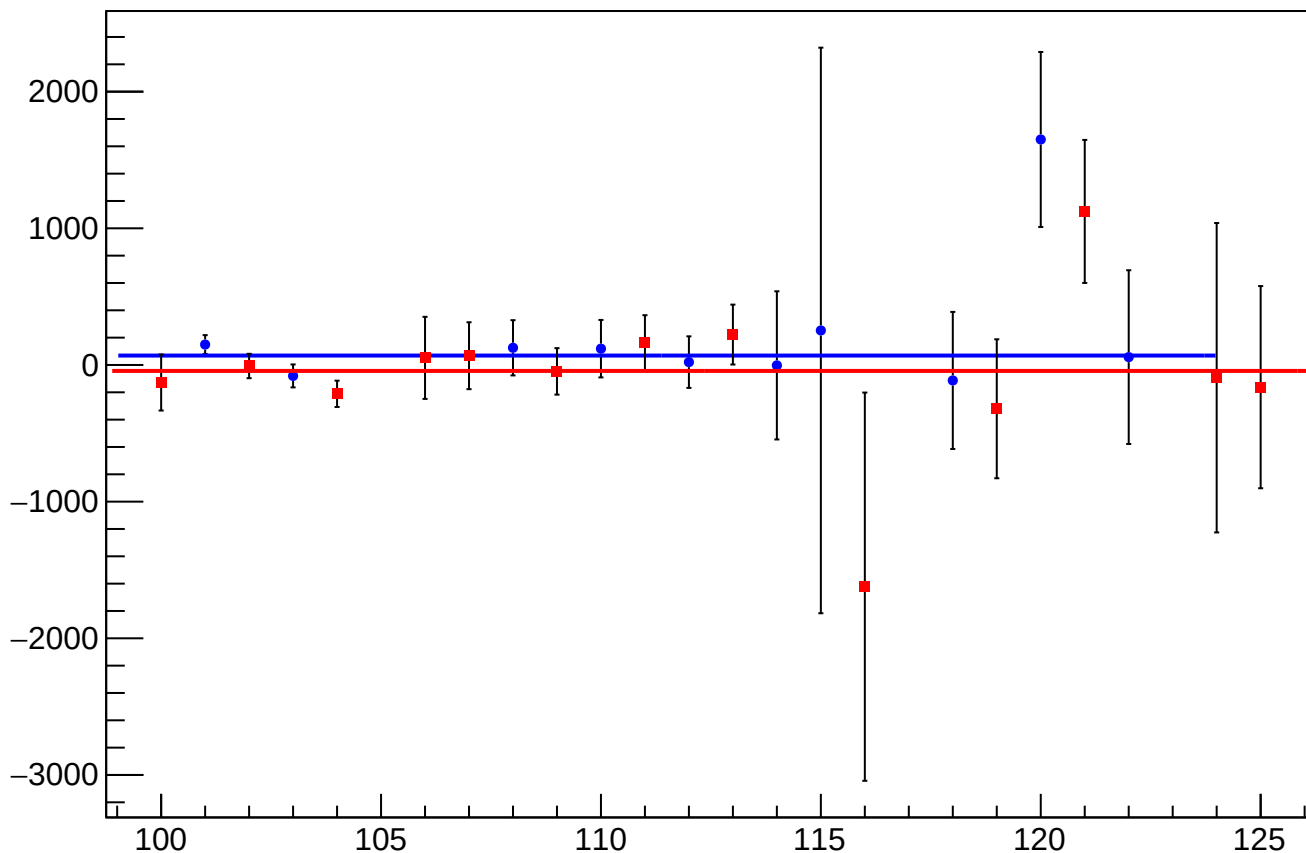
Right: 51.316+/-0.012 χ^2/NDF : 693902.4/22

In: 51.787+/-0.019 χ^2/NDF : 331647.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.316+/-0.012 χ^2/NDF : 693902.4/22

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: -43.512+/-51.589 χ^2/NDF : 12.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

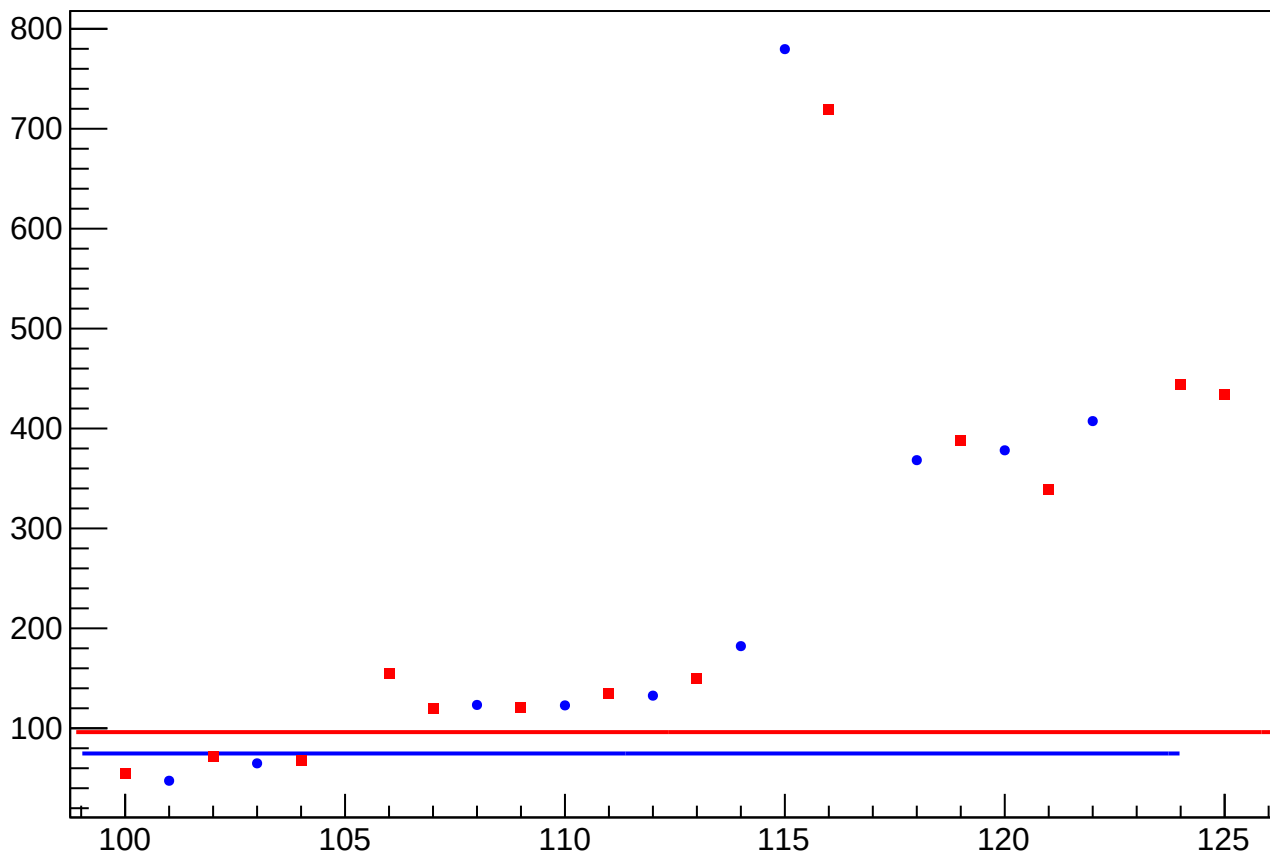
Right: 17.184+/-34.994 χ^2/NDF : 26.2/22

In: 68.913+/-47.626 χ^2/NDF : 11.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.184+/-34.994 χ^2/NDF : 26.2/22

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: 96.155+/-0.036 χ^2/NDF : 2826838.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

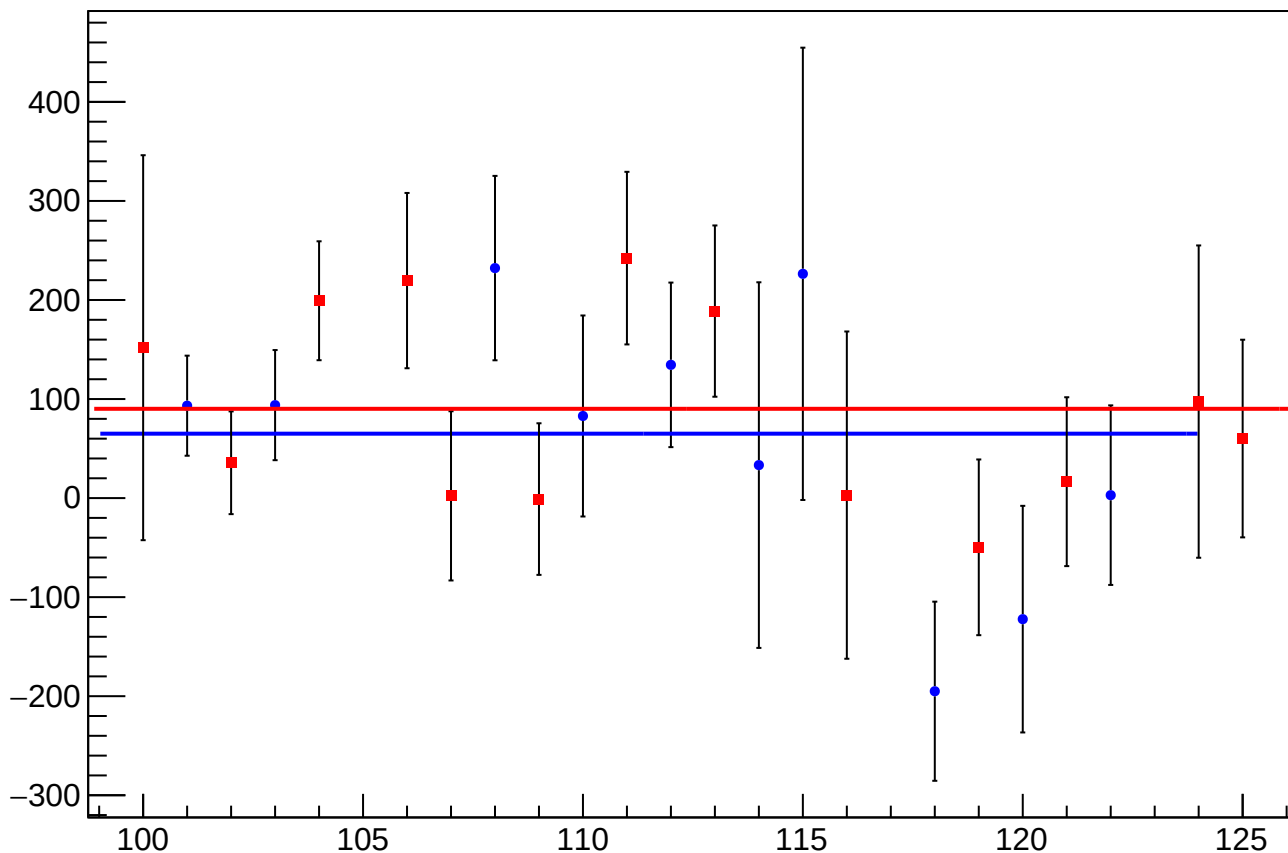
Right: 84.611+/-0.025 χ^2/NDF : 5756376.1/22

In: 74.772+/-0.034 χ^2/NDF : 2744044.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.611+/-0.025 χ^2/NDF : 5756376.1/22

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: 90.139+/-23.447 χ^2/NDF : 17.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

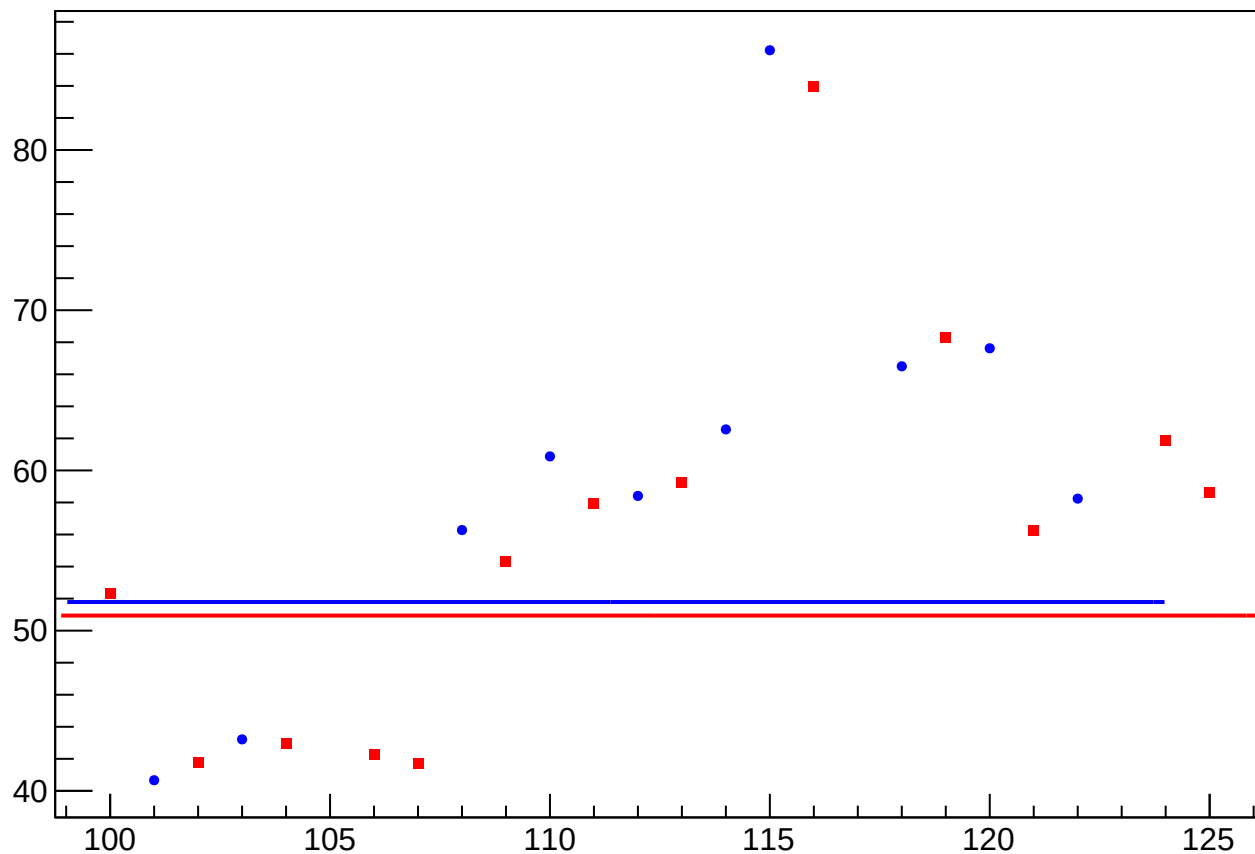
Right: 79.038+/-17.512 χ^2/NDF : 34.1/22

In: 65.032+/-26.336 χ^2/NDF : 16.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.038+/-17.512 χ^2/NDF : 34.1/22

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: 50.940 $\pm$ 0.017 χ^2 /NDF: 361369.8/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

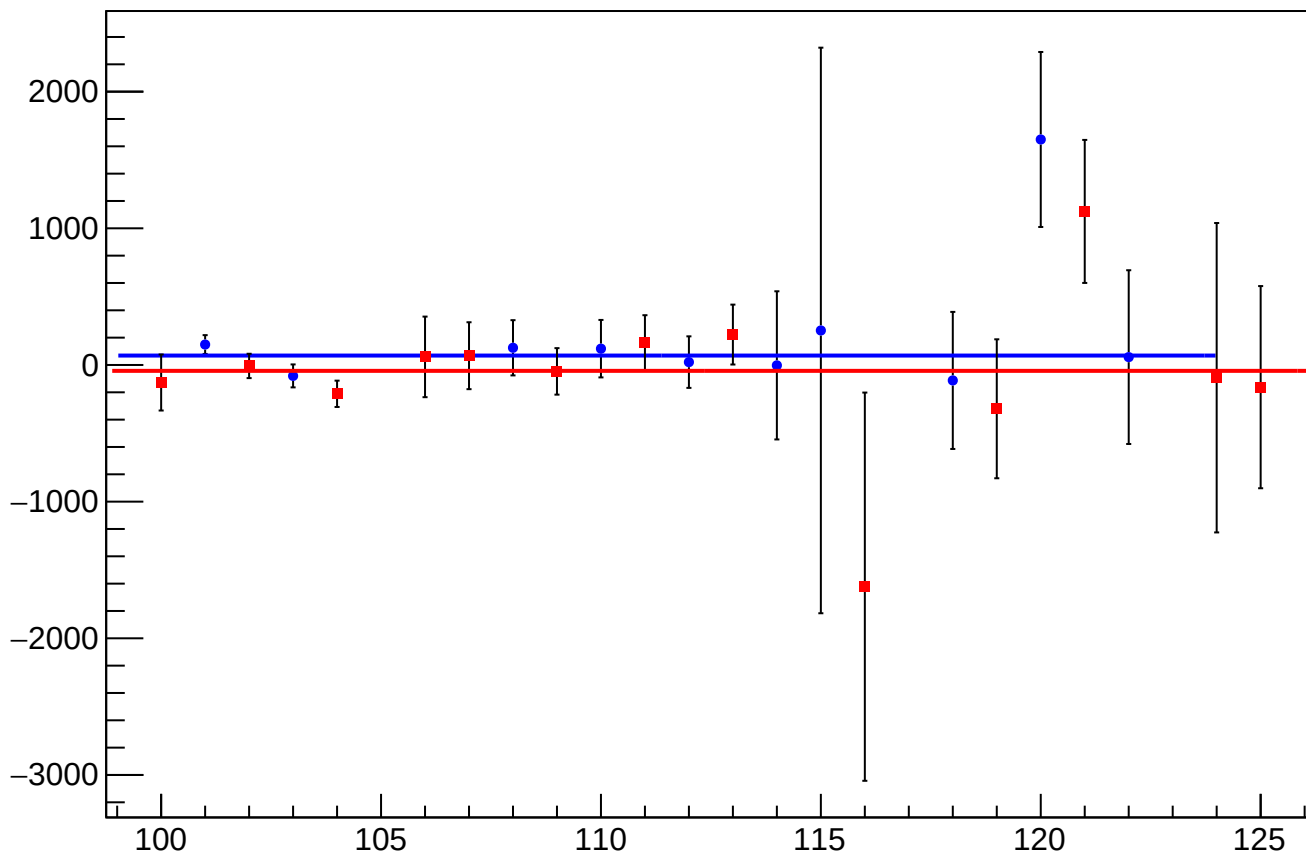
Right: 51.315 $\pm$ 0.012 χ^2 /NDF: 694171.9/22

In: 51.787 $\pm$ 0.019 χ^2 /NDF:331646.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 51.315 $\pm$ 0.012 χ^2 /NDF: 694171.9/22

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: -43.017+/-51.543 χ^2/NDF : 12.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

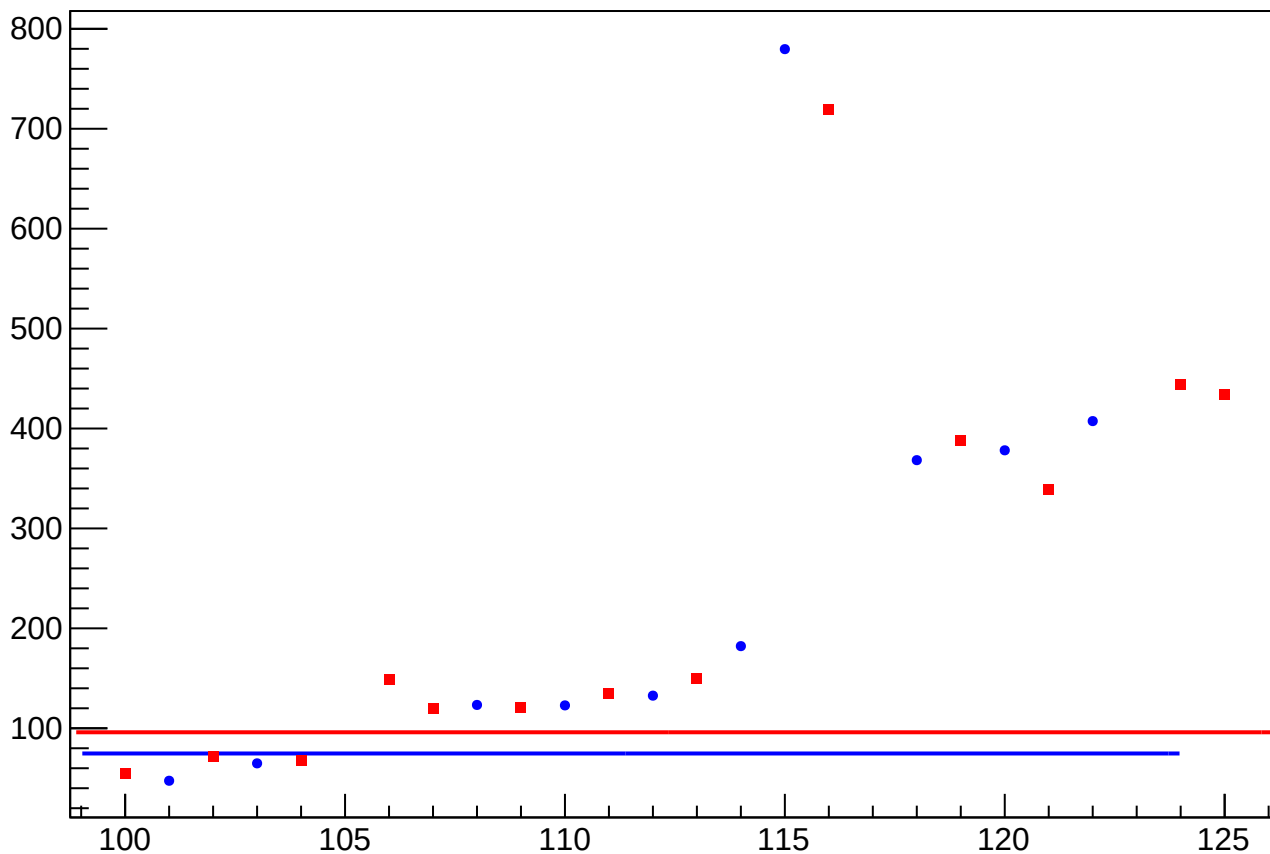
Right: 17.365+/-34.979 χ^2/NDF : 26.3/22

In: 68.916+/-47.625 χ^2/NDF : 11.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.365+/-34.979 χ^2/NDF : 26.3/22

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: 95.989+/-0.036 χ^2/NDF : 2815605.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

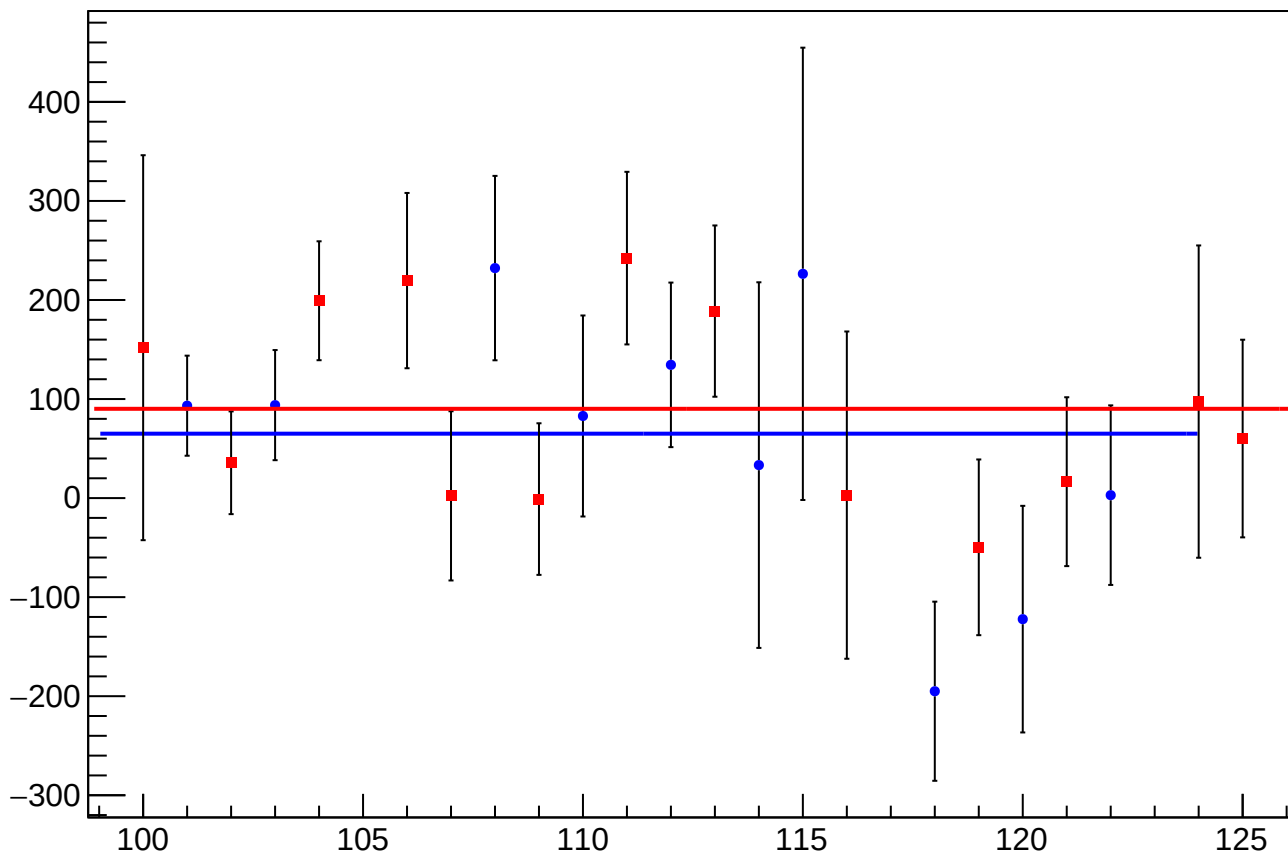
Right: 84.542+/-0.025 χ^2/NDF : 5742513.0/22

In: 74.770+/-0.034 χ^2/NDF : 2744067.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.542+/-0.025 χ^2/NDF : 5742513.0/22

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: 90.139+/-23.447 χ^2/NDF : 17.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

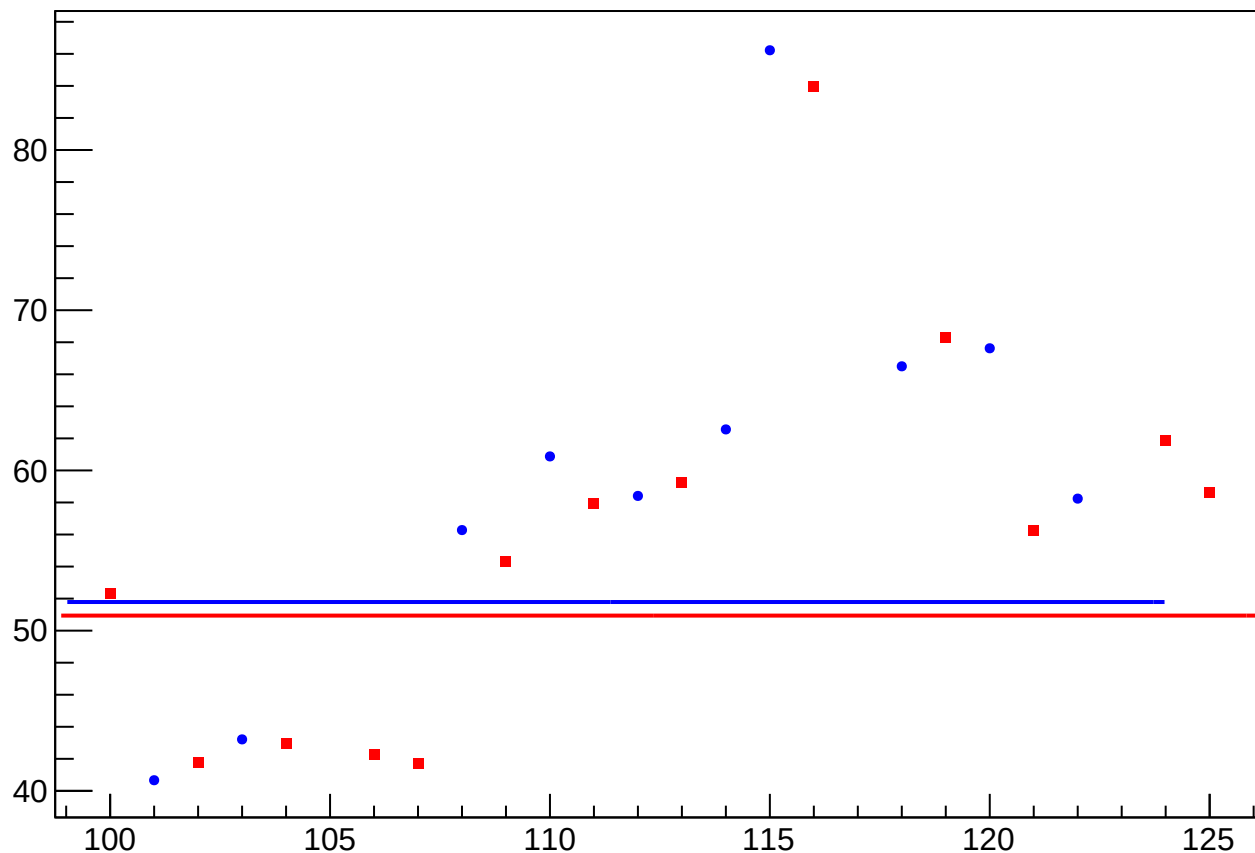
Right: 79.038+/-17.512 χ^2/NDF : 34.1/22

In: 65.032+/-26.336 χ^2/NDF : 16.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.038+/-17.512 χ^2/NDF : 34.1/22

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: 50.940 $\pm$ 0.017 χ^2 /NDF: 361369.8/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

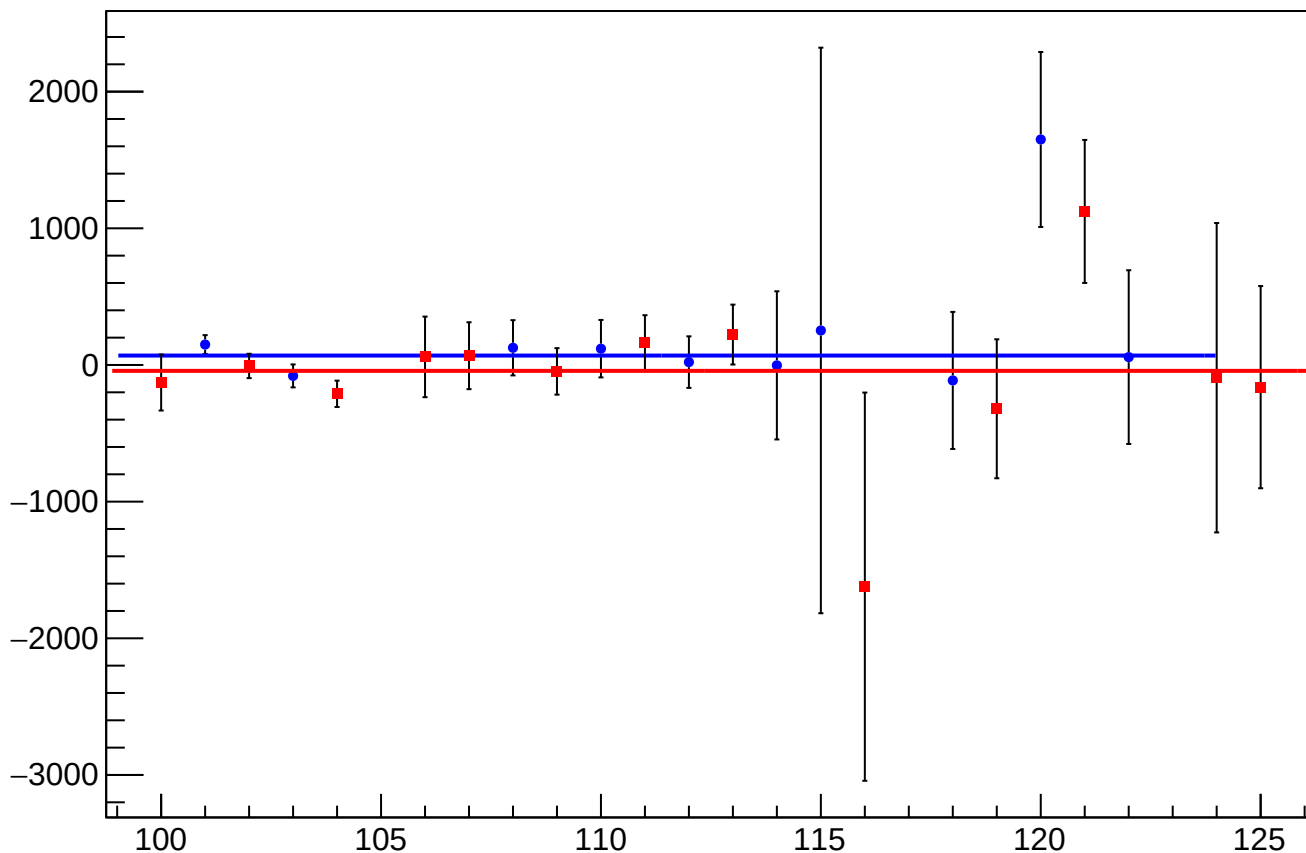
Right: 51.315 $\pm$ 0.012 χ^2 /NDF: 694171.9/22

In: 51.787 $\pm$ 0.019 χ^2 /NDF:331646.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 51.315 $\pm$ 0.012 χ^2 /NDF: 694171.9/22

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: -43.017+/-51.543 χ^2/NDF : 12.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

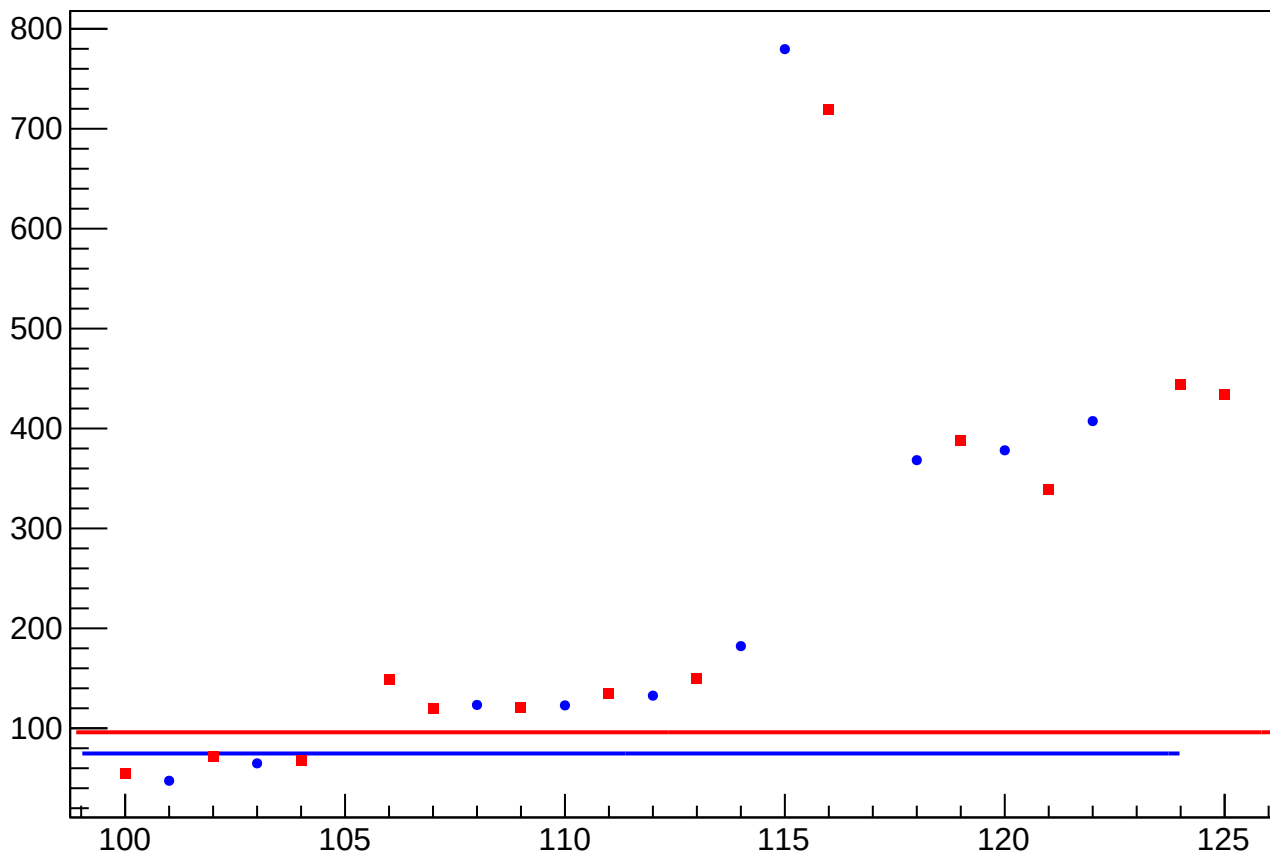
Right: 17.365+/-34.979 χ^2/NDF : 26.3/22

In: 68.916+/-47.625 χ^2/NDF : 11.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.365+/-34.979 χ^2/NDF : 26.3/22

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: 95.989+/-0.036 χ^2/NDF : 2815605.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

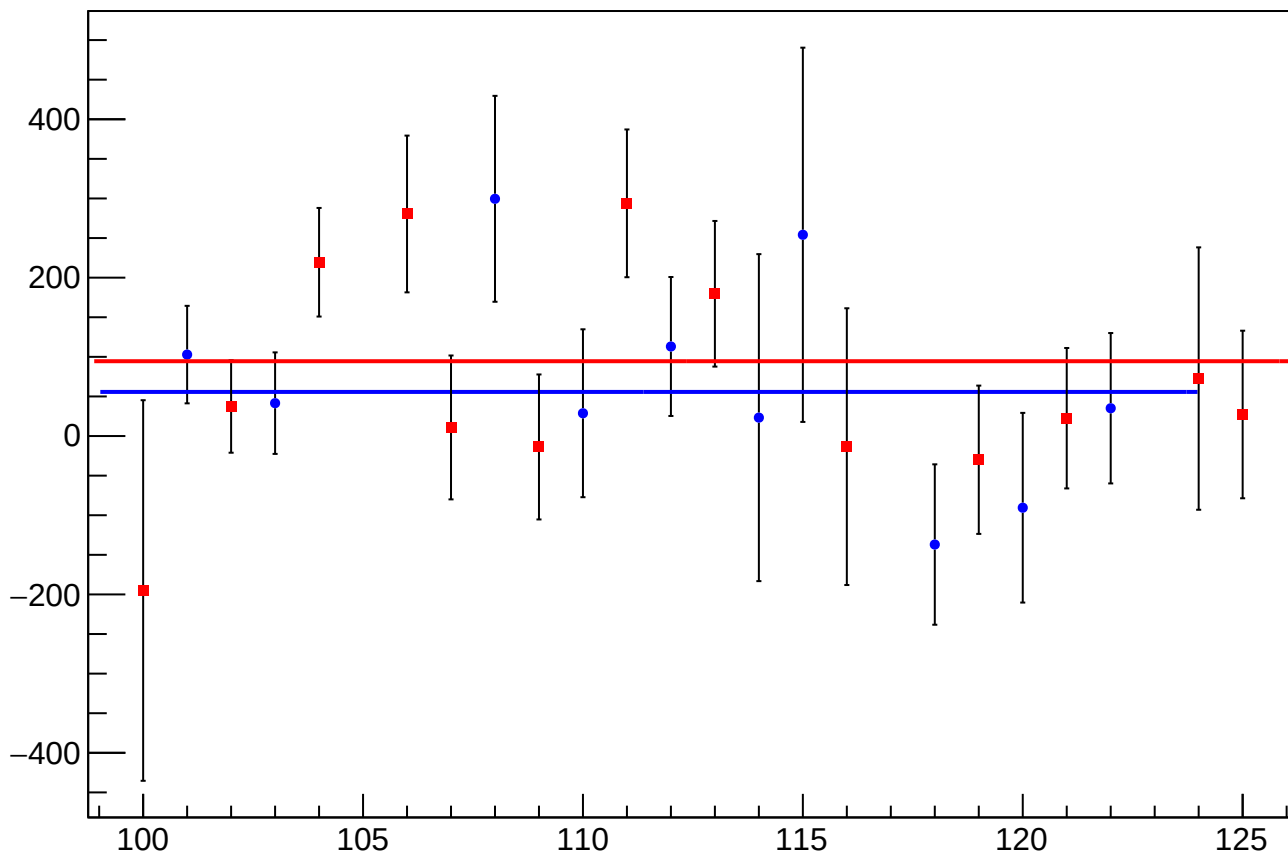
Right: 84.542+/-0.025 χ^2/NDF : 5742513.0/22

In: 74.770+/-0.034 χ^2/NDF : 2744067.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.542+/-0.025 χ^2/NDF : 5742513.0/22

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: 94.485+/-25.830 χ^2/NDF : 20.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

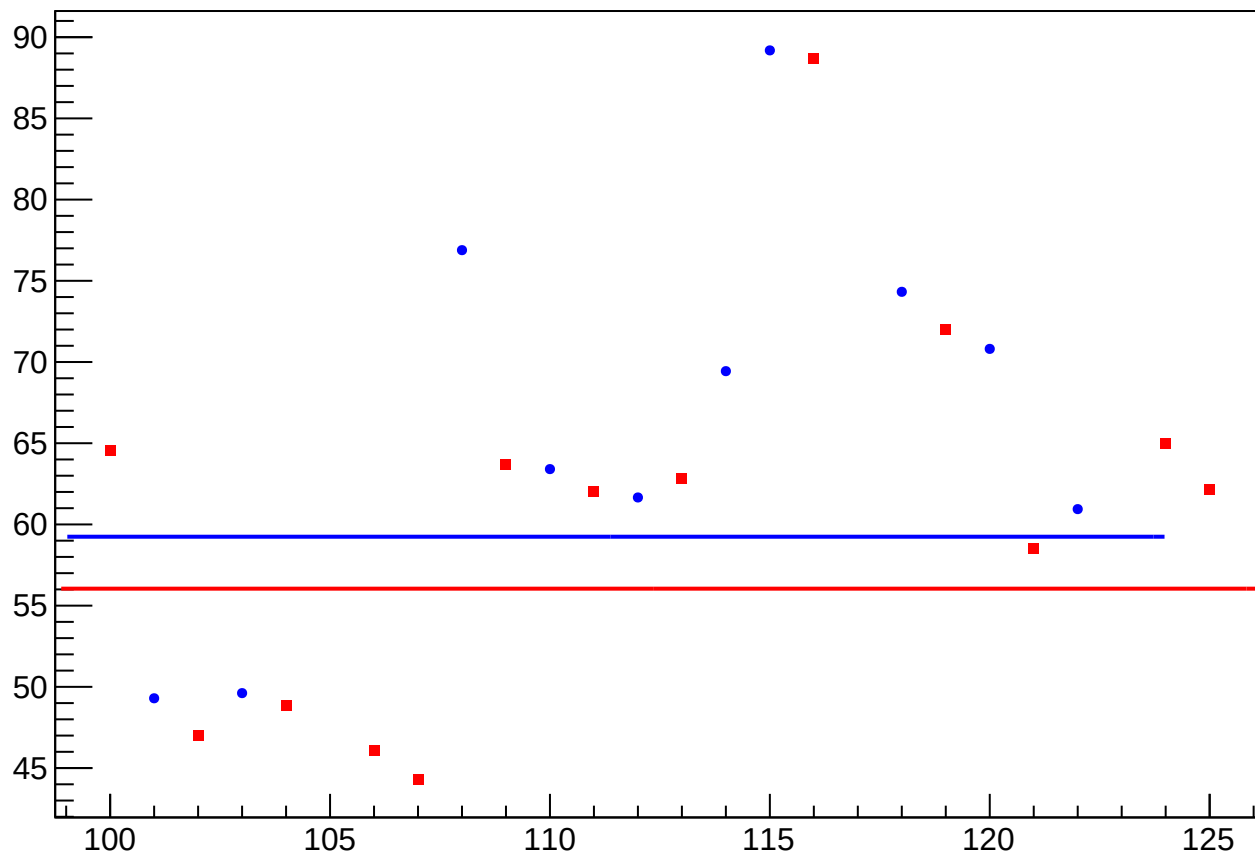
Right: 78.031+/-19.598 χ^2/NDF : 31.6/22

In: 55.708+/-30.086 χ^2/NDF : 10.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.031+/-19.598 χ^2/NDF : 31.6/22

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: 56.045+/-0.018 χ^2/NDF : 301616.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

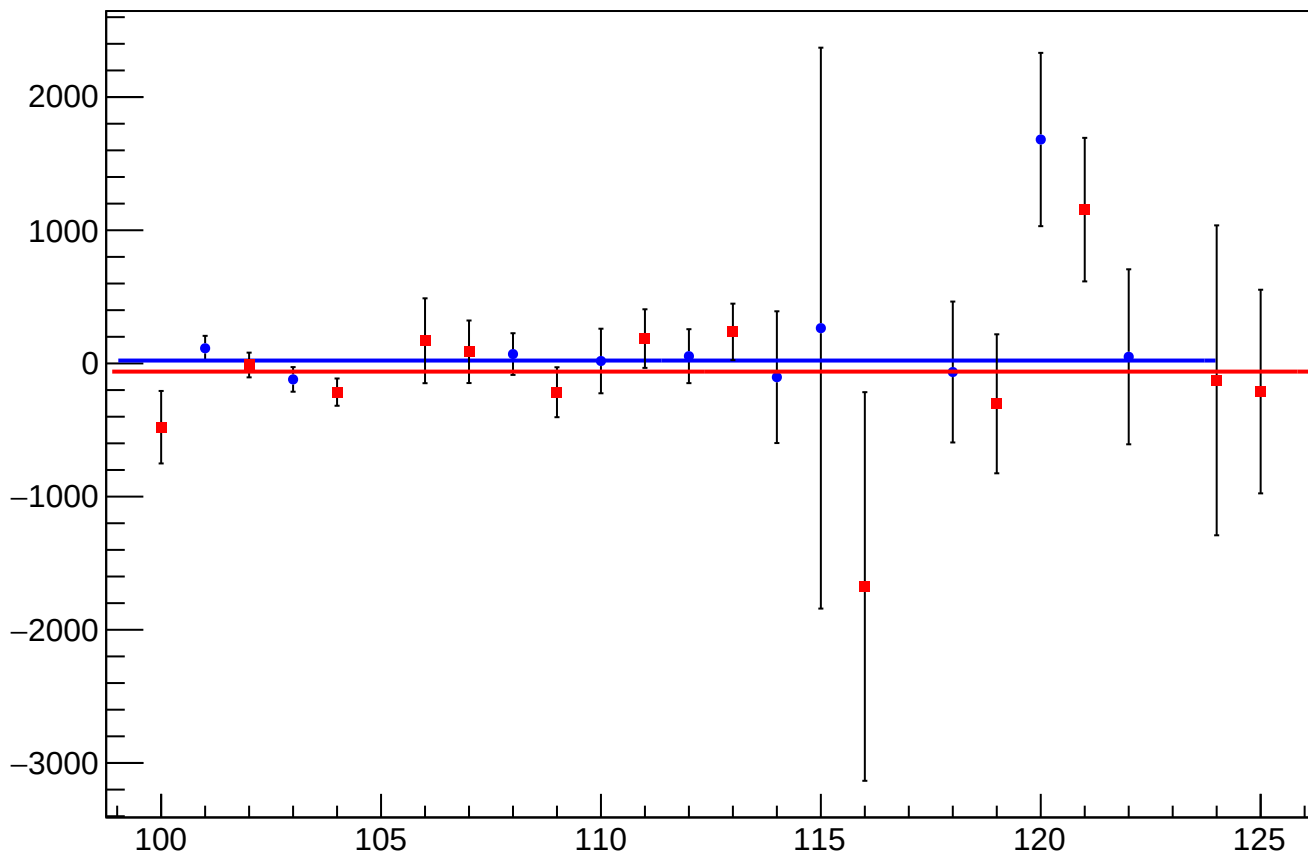
Right: 57.403+/-0.014 χ^2/NDF : 554046.7/22

In: 59.244+/-0.021 χ^2/NDF :239416.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 57.403+/-0.014 χ^2/NDF : 554046.7/22

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: -61.350+/-54.689 χ^2/NDF : 16.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

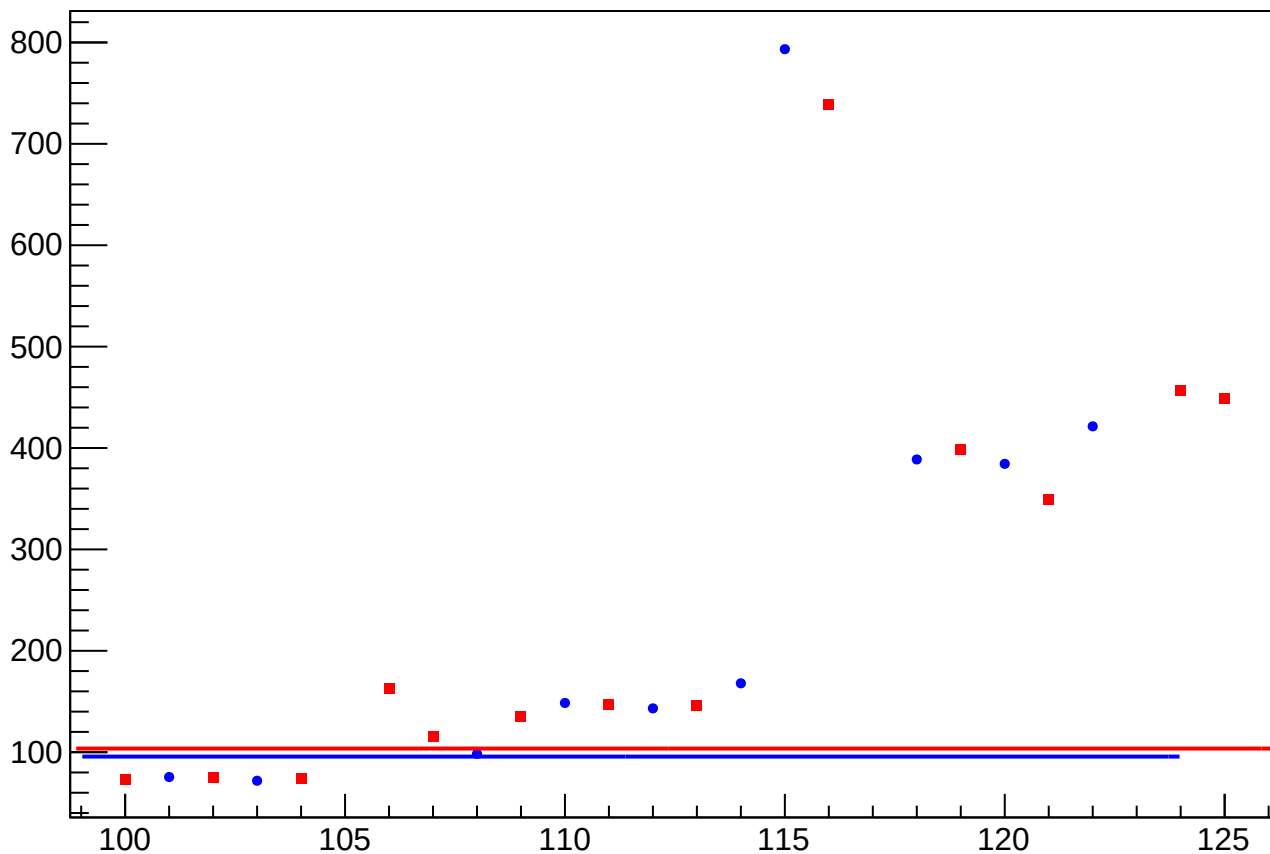
Right: -20.306+/-38.896 χ^2/NDF : 27.5/22

In: 21.705+/-55.330 χ^2/NDF : 10.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.306+/-38.896 χ^2/NDF : 27.5/22

asym_sam_15_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 95.667 $\pm$ 0.039 χ^2 /NDF: 2193337.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 103.598 $\pm$ 0.039 χ^2 /NDF: 2704881.3/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

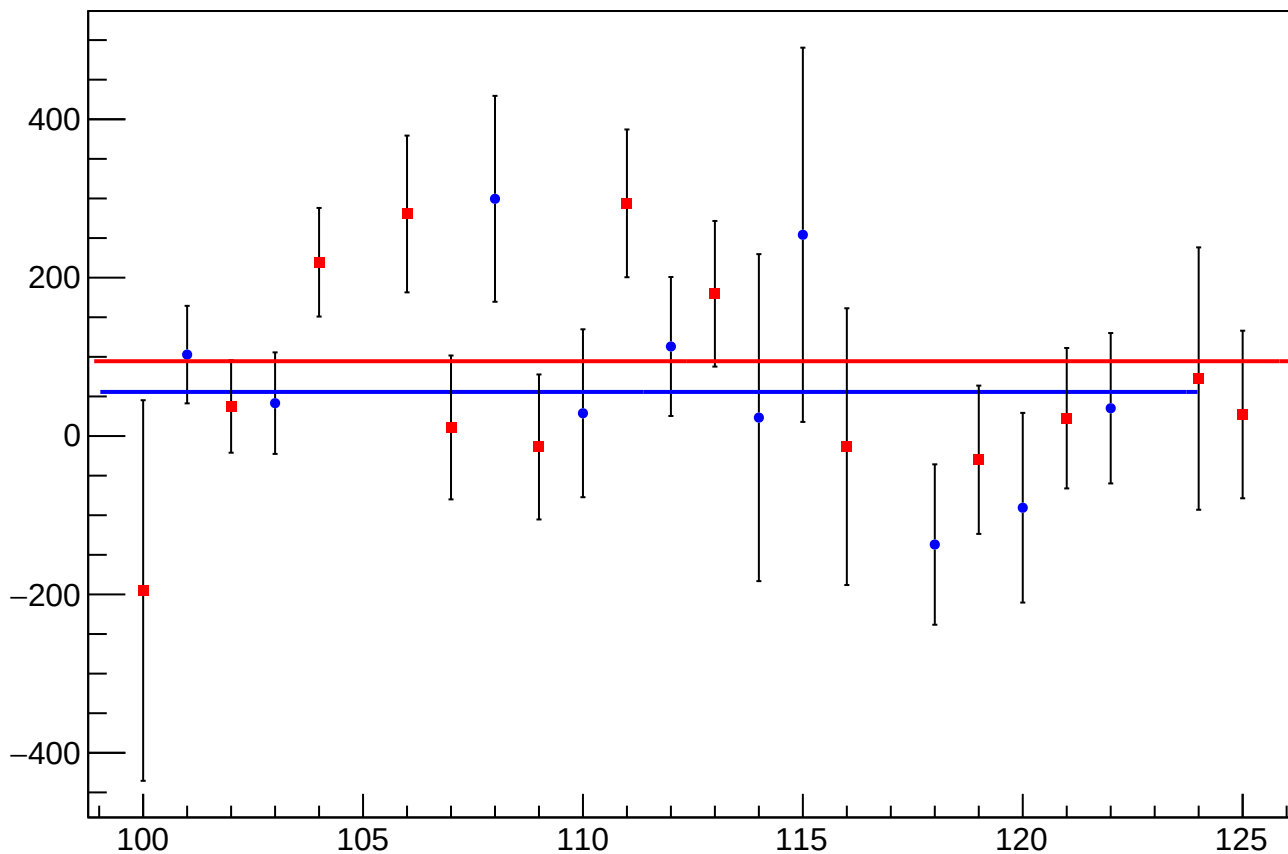
Right: 99.678 $\pm$ 0.028 χ^2 /NDF: 4919002.2/22

In: 95.667 $\pm$ 0.039 χ^2 /NDF:2193337.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 99.678 $\pm$ 0.028 χ^2 /NDF: 4919002.2/22

eigen_dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 55.707 $\pm$ 30.086 χ^2 /NDF: 10.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 94.485 $\pm$ 25.830 χ^2 /NDF: 20.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

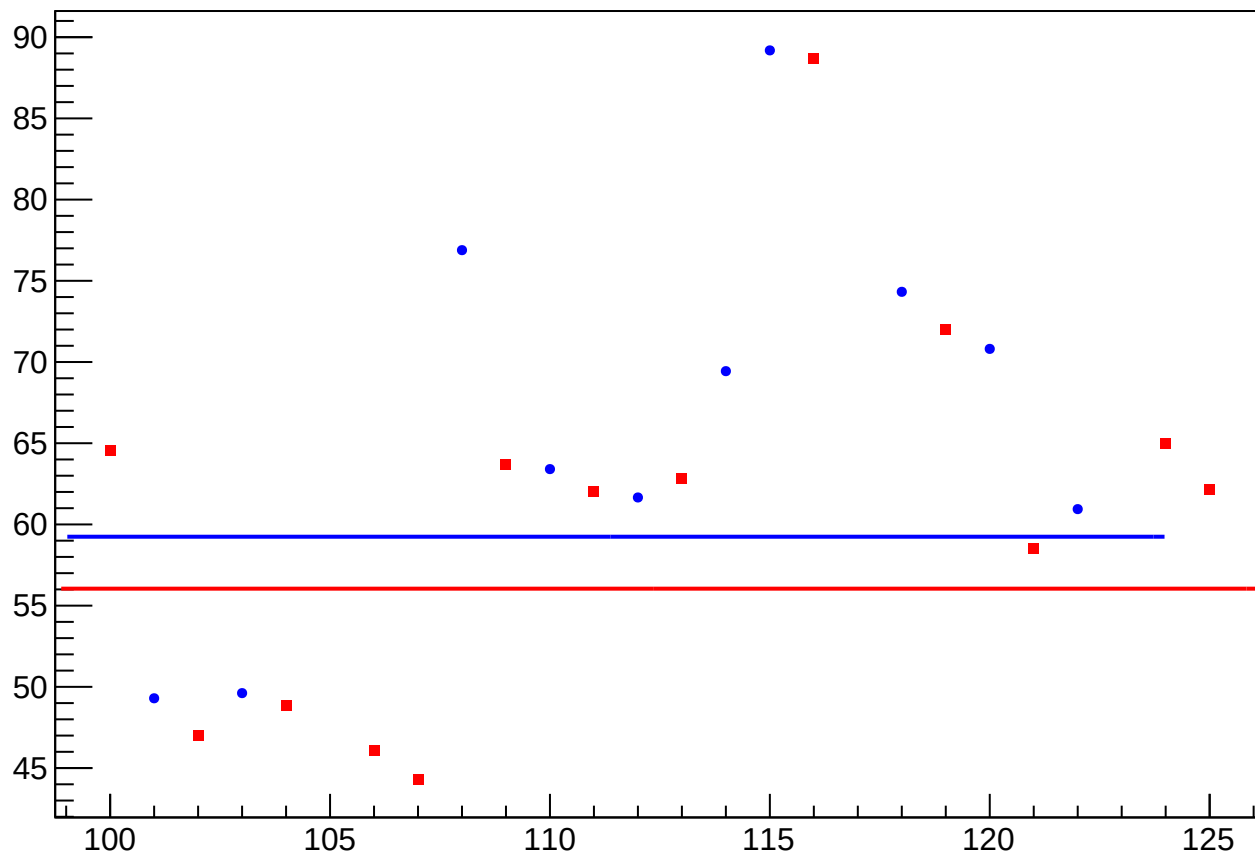
Right: 78.031 $\pm$ 19.598 χ^2 /NDF: 31.6/22

In: 55.707 $\pm$ 30.086 χ^2 /NDF:10.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 78.031 $\pm$ 19.598 χ^2 /NDF: 31.6/22

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: 56.045+/-0.018 χ^2/NDF : 301616.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

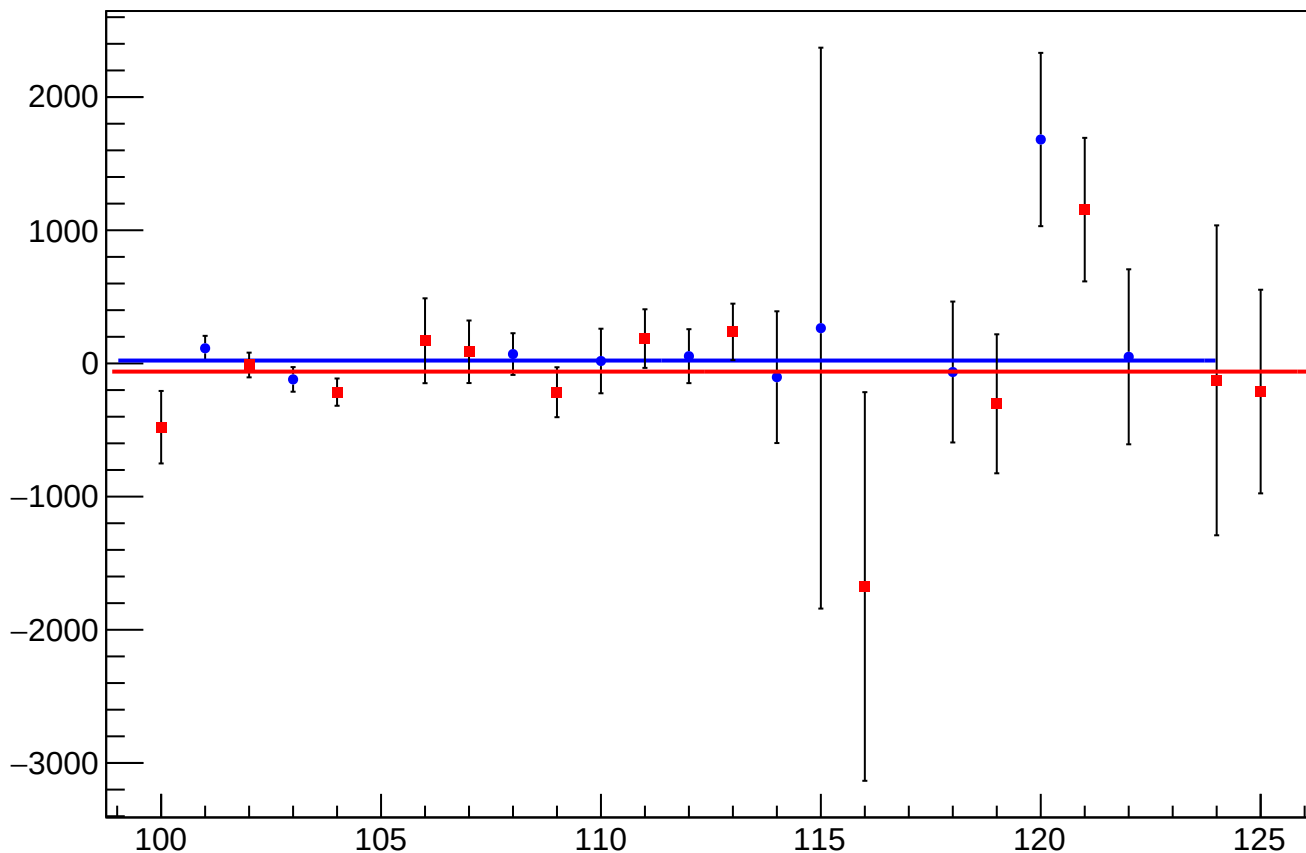
Right: 57.403+/-0.014 χ^2/NDF : 554047.0/22

In: 59.244+/-0.021 χ^2/NDF : 239417.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.403+/-0.014 χ^2/NDF : 554047.0/22

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: -61.349+/-54.689 χ^2/NDF : 16.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

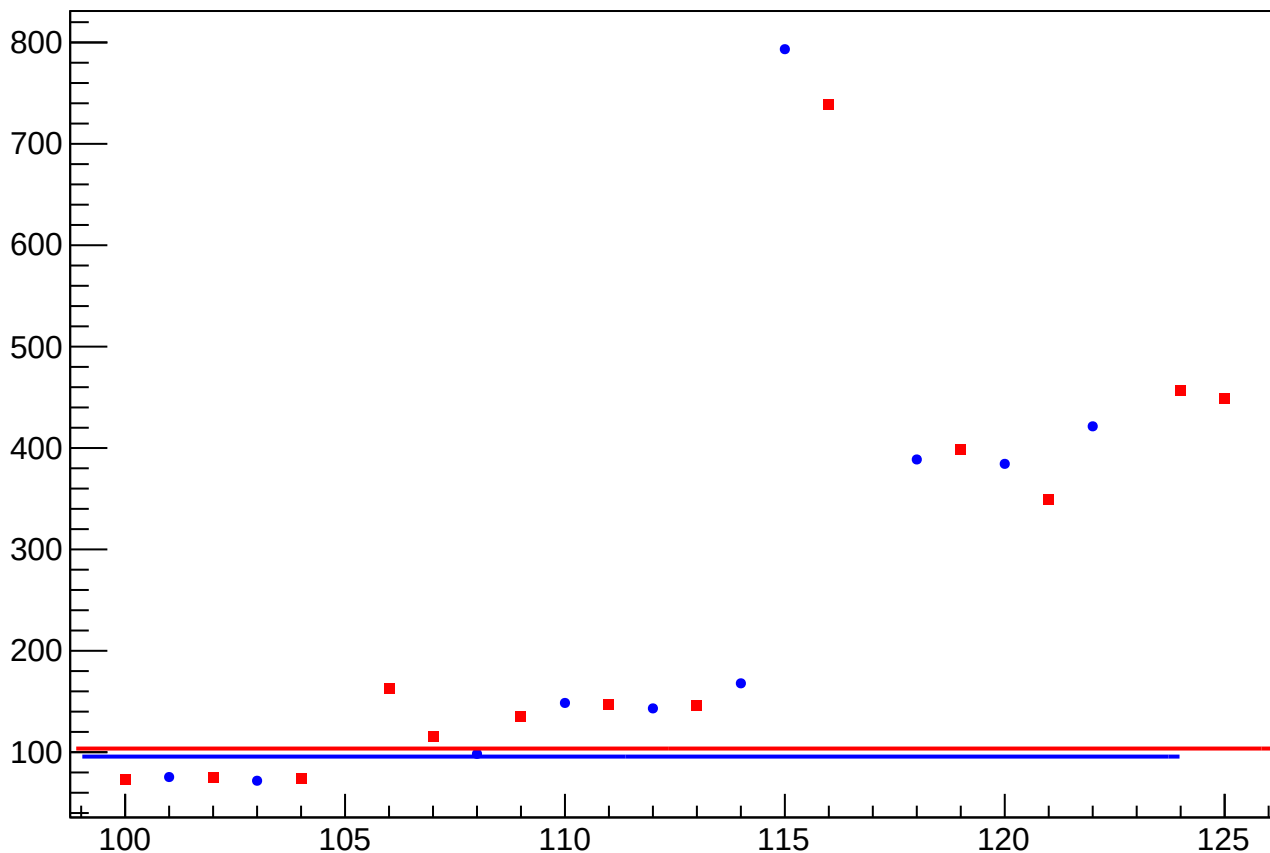
Right: -20.306+/-38.896 χ^2/NDF : 27.5/22

In: 21.705+/-55.330 χ^2/NDF : 10.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.306+/-38.896 χ^2/NDF : 27.5/22

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: 103.597+/-0.039 χ^2/NDF : 2704886.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

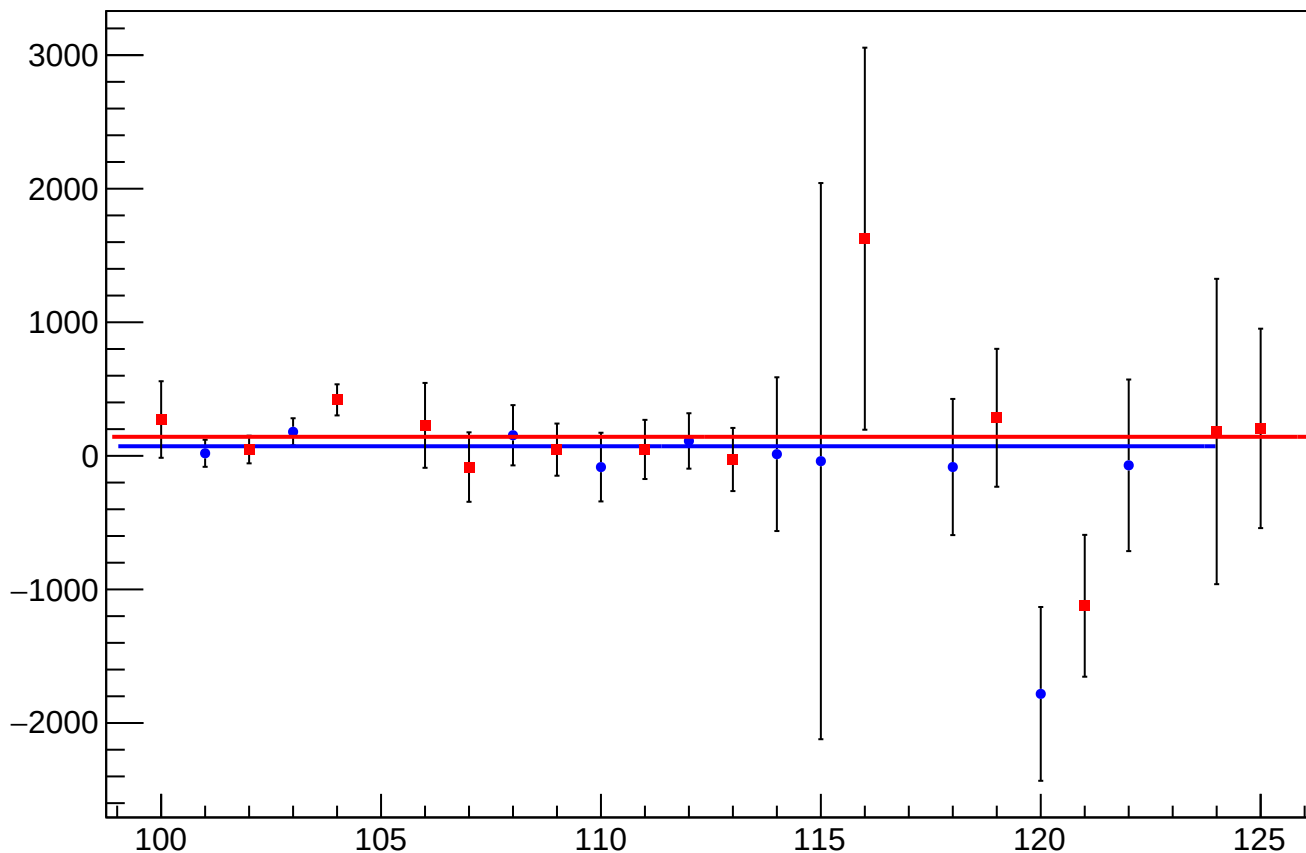
Right: 99.678+/-0.028 χ^2/NDF : 4919010.0/22

In: 95.667+/-0.039 χ^2/NDF : 2193340.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.678+/-0.028 χ^2/NDF : 4919010.0/22

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: 142.567+/-59.886 χ^2/NDF : 15.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

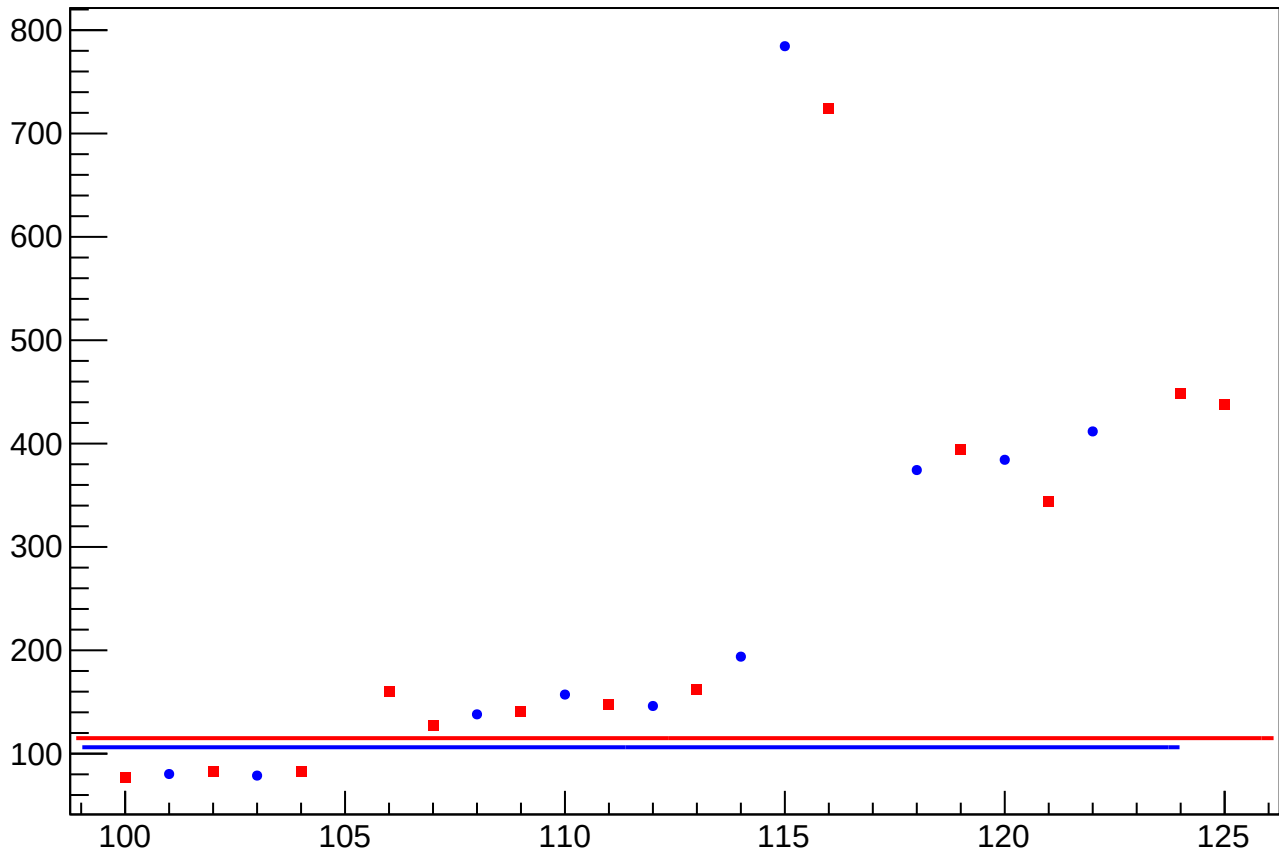
Right: 108.160+/-42.913 χ^2/NDF : 26.2/22

In: 71.844+/-61.525 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.160+/-42.913 χ^2/NDF : 26.2/22

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: 115.012+/-0.042 χ^2/NDF : 2447549.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

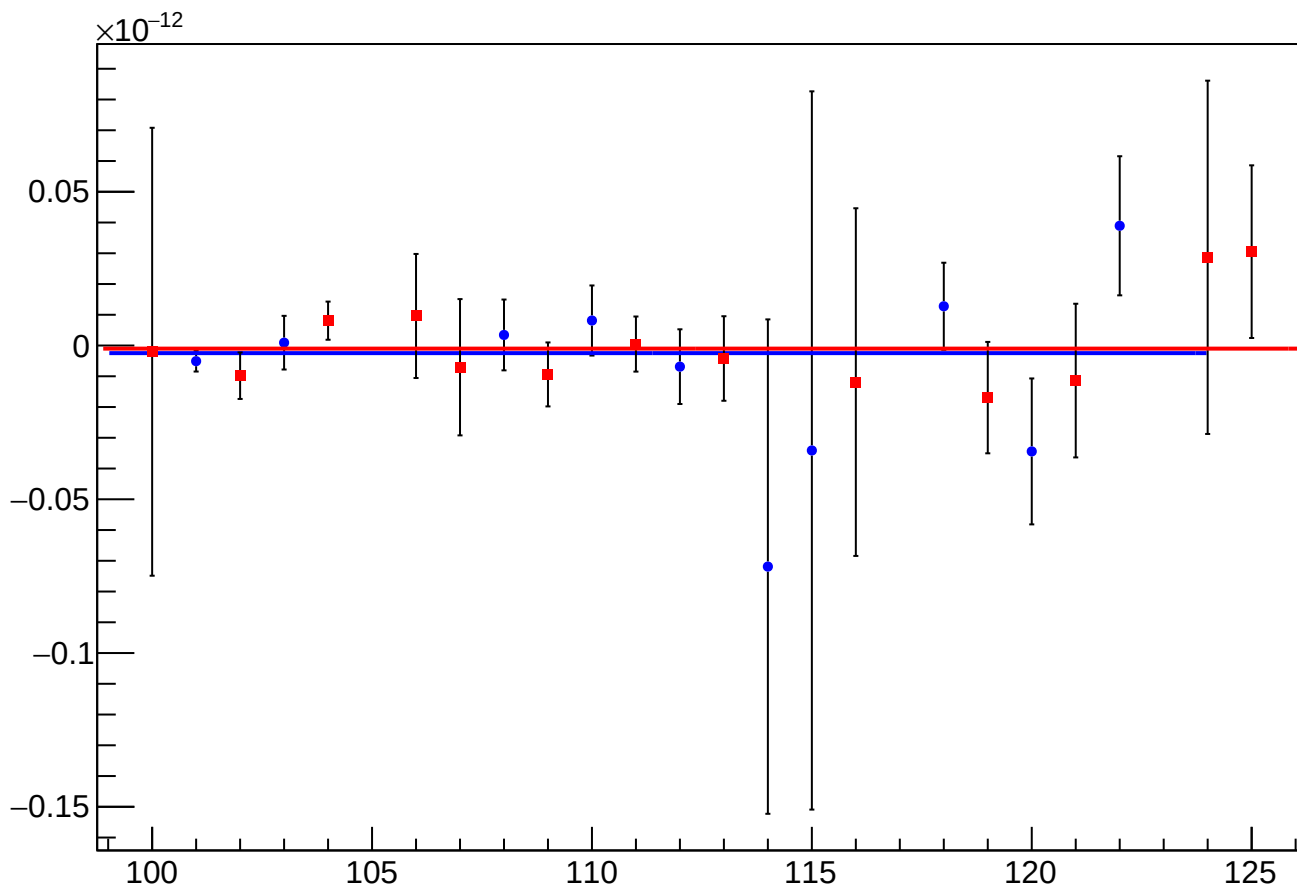
Right: 110.727+/-0.030 χ^2/NDF : 4567743.8/22

In: 106.205+/-0.044 χ^2/NDF :2099146.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 110.727+/-0.030 χ^2/NDF : 4567743.8/22

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: 7.1/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

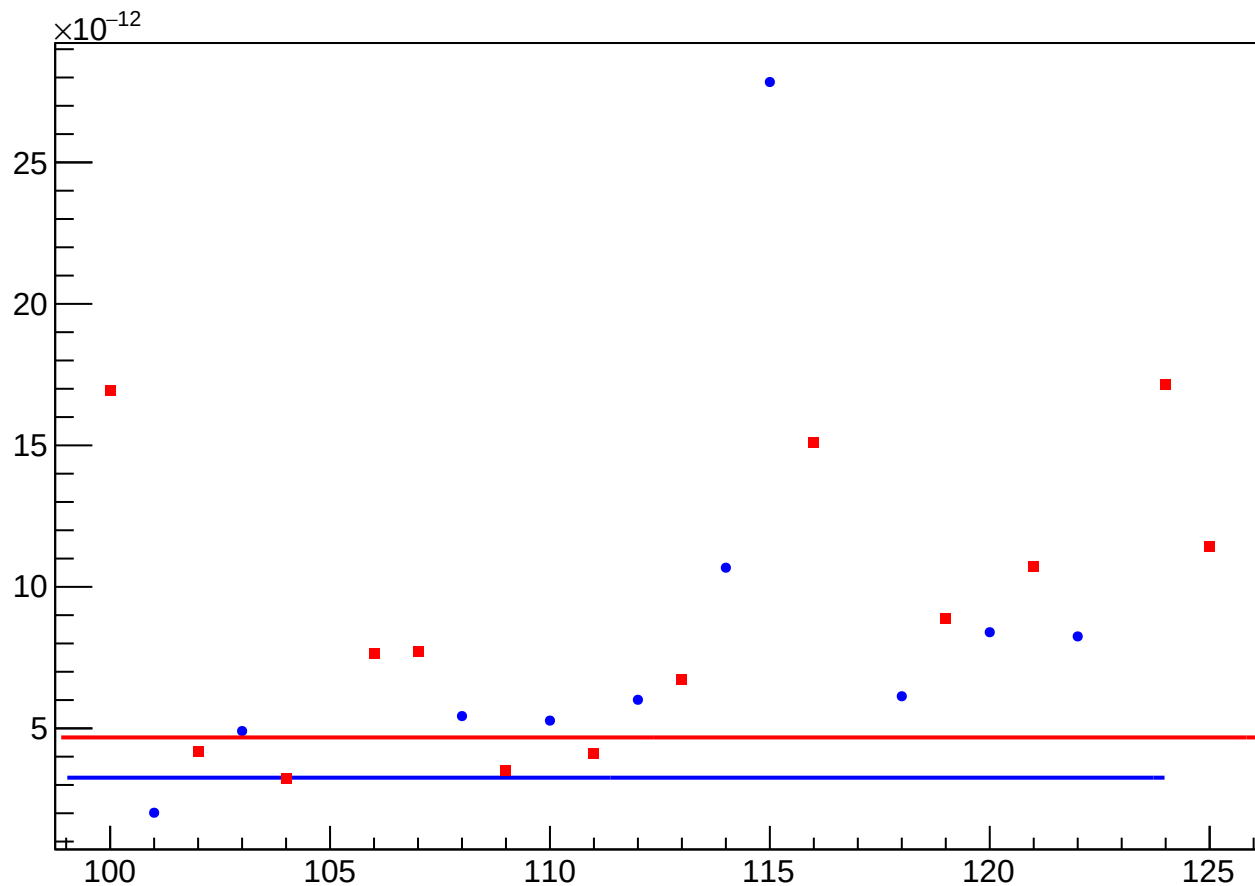
Right: -0.000+/-0.000 χ^2 /NDF: 16.4/22

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: 16.4/22

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 : 838935.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

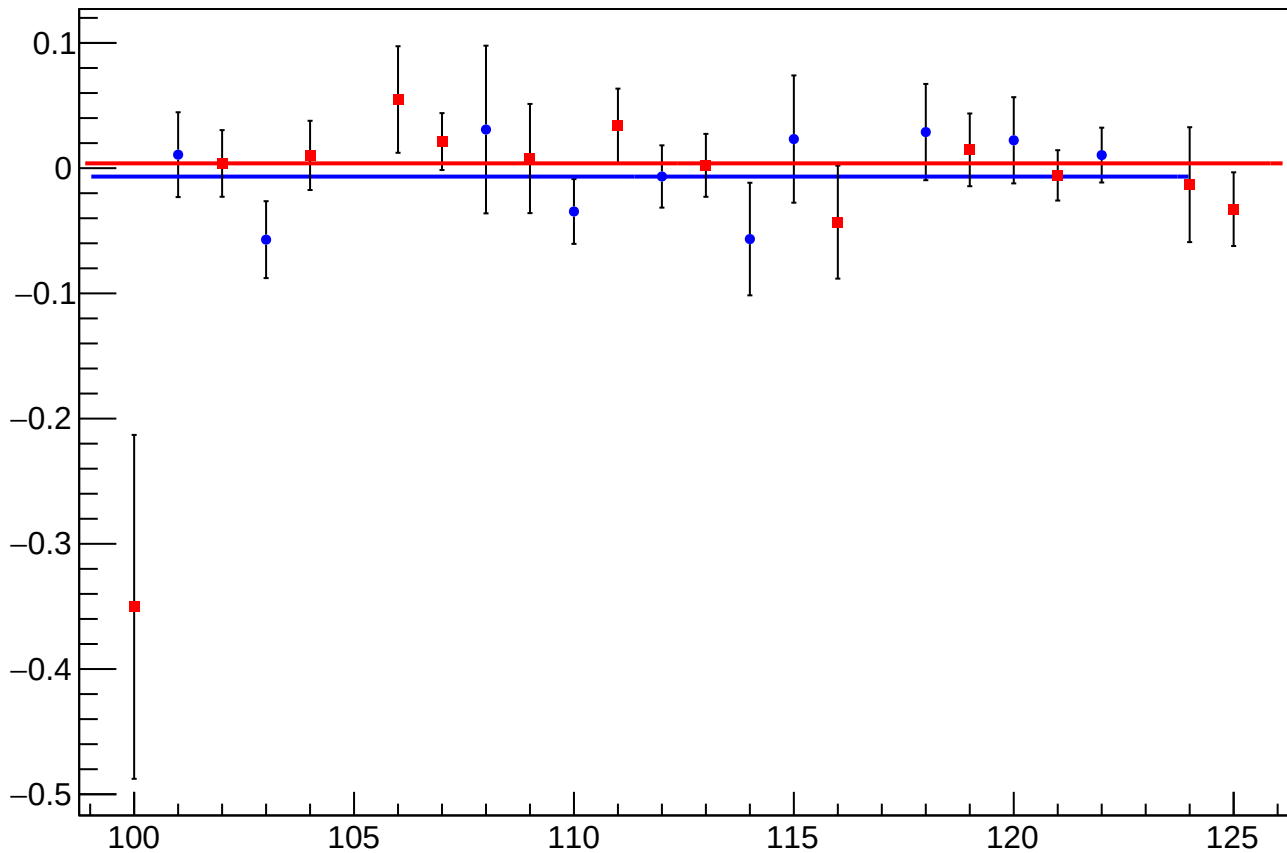
Right: 0.000+/-0.000 χ^2/NDF : 1999408.7/22

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 : 1999408.7/22

asym_sam_15_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.010 $\chi^2/\text{NDF}: 8.2/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.004 ± 0.008 $\chi^2/\text{NDF}: 12.9/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

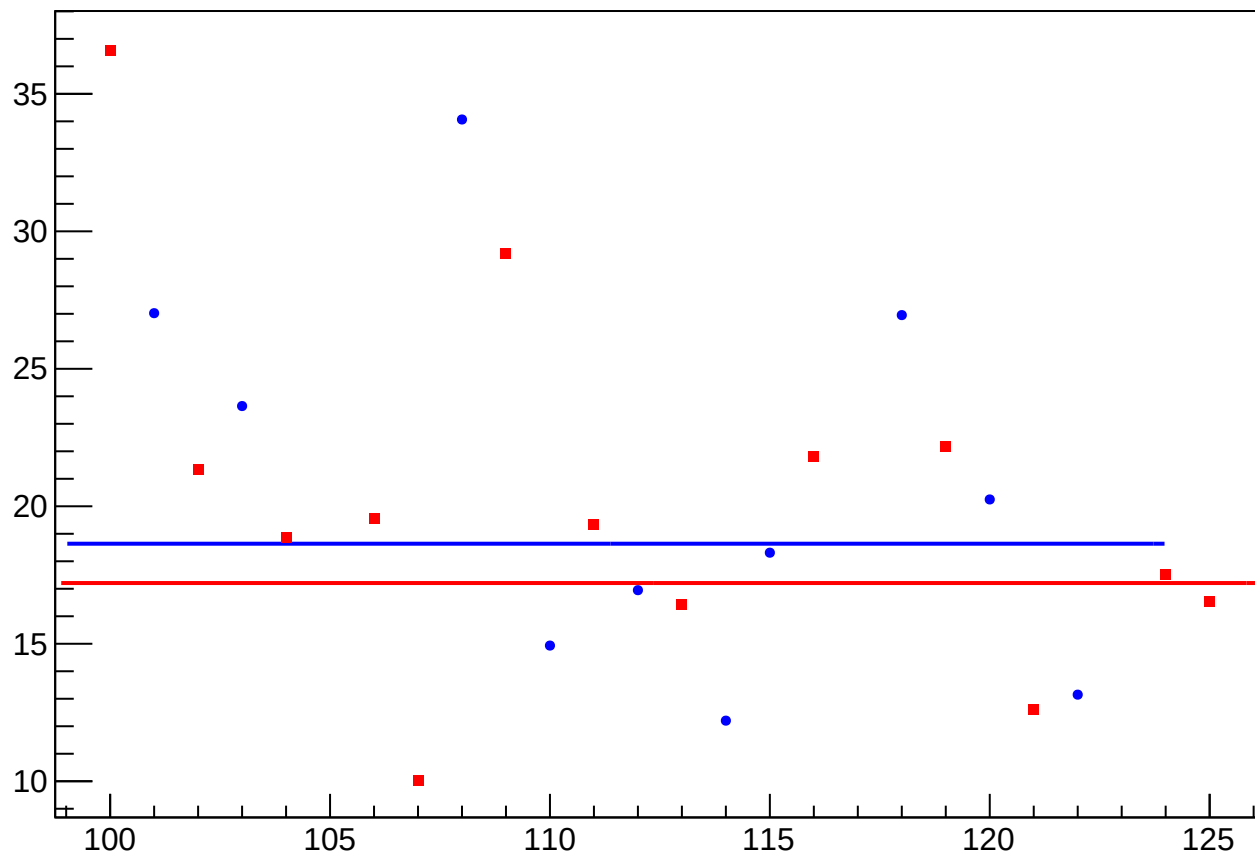
Right: -0.000 ± 0.006 $\chi^2/\text{NDF}: 21.7/22$

In: -0.007 ± 0.010 $\chi^2/\text{NDF}: 8.2/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.000 ± 0.006 $\chi^2/\text{NDF}: 21.7/22$

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: 17.209+/-0.006 χ^2/NDF : 648982.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

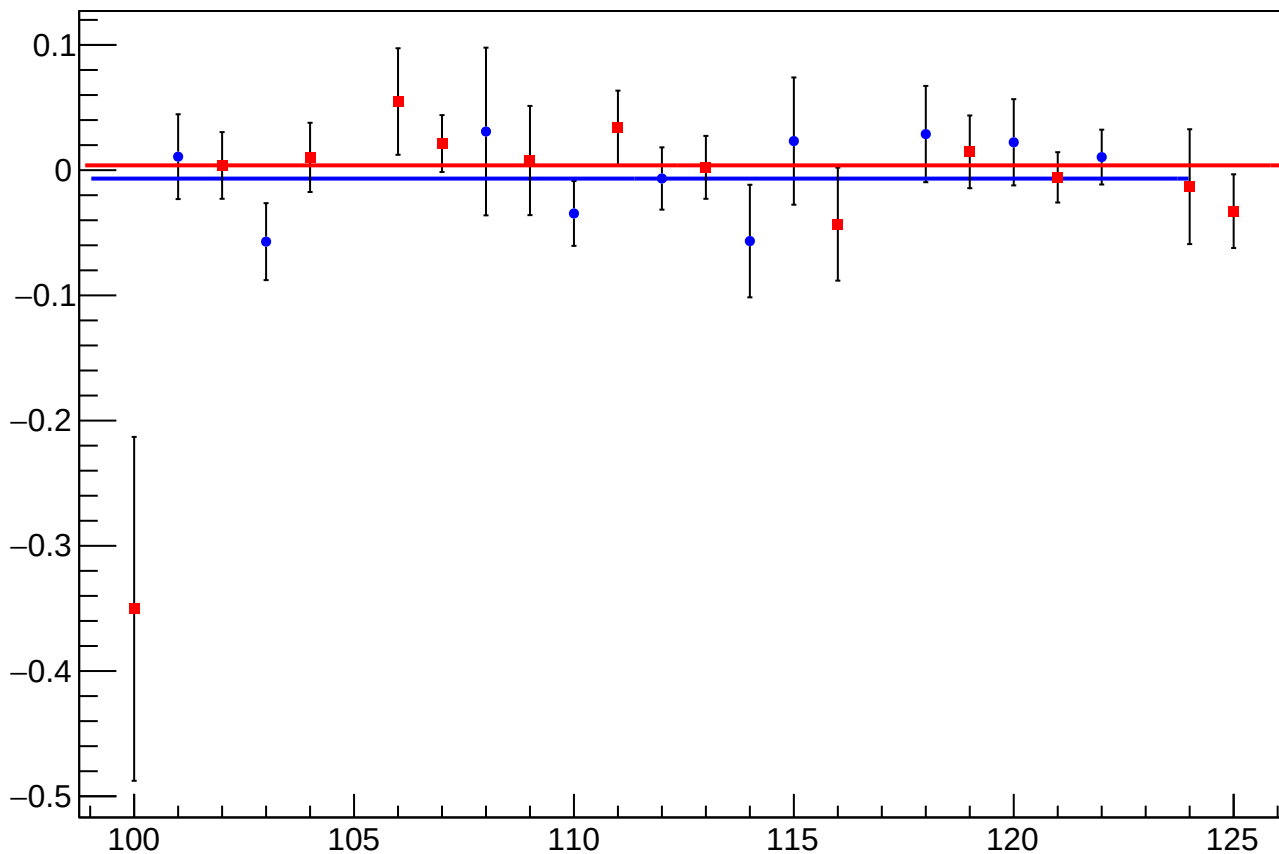
Right: 17.789+/-0.005 χ^2/NDF : 1269552.2/22

In: 18.639+/-0.007 χ^2/NDF : 596864.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.789+/-0.005 χ^2/NDF : 1269552.2/22

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: 0.004 ± 0.008 χ^2/NDF : 12.9/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

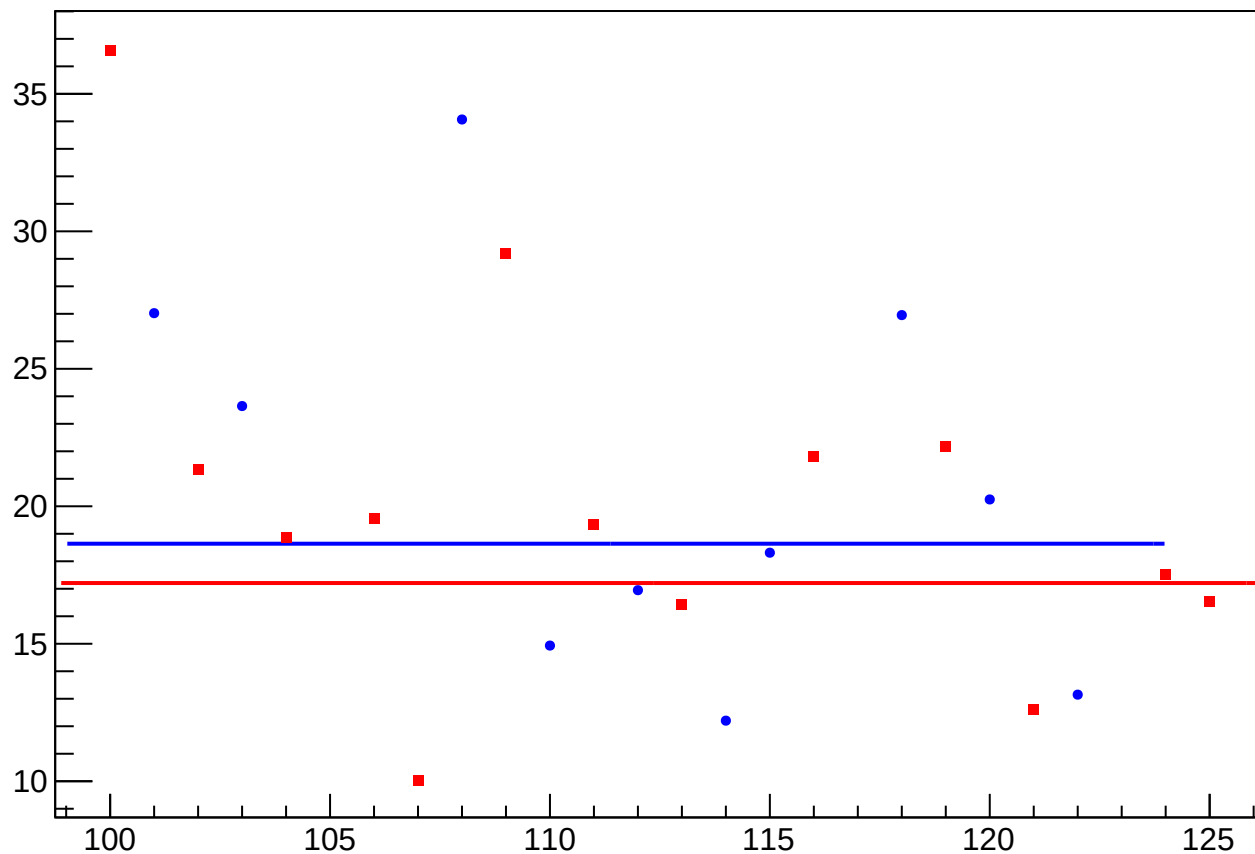
Right: -0.000 ± 0.006 χ^2/NDF : 21.7/22

In: -0.007 ± 0.010 χ^2/NDF : 8.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.006 χ^2/NDF : 21.7/22

asym_sam_15_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.639 $\pm$ 0.007 χ^2 /NDF: 596864.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.209 $\pm$ 0.006 χ^2 /NDF: 648982.6/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

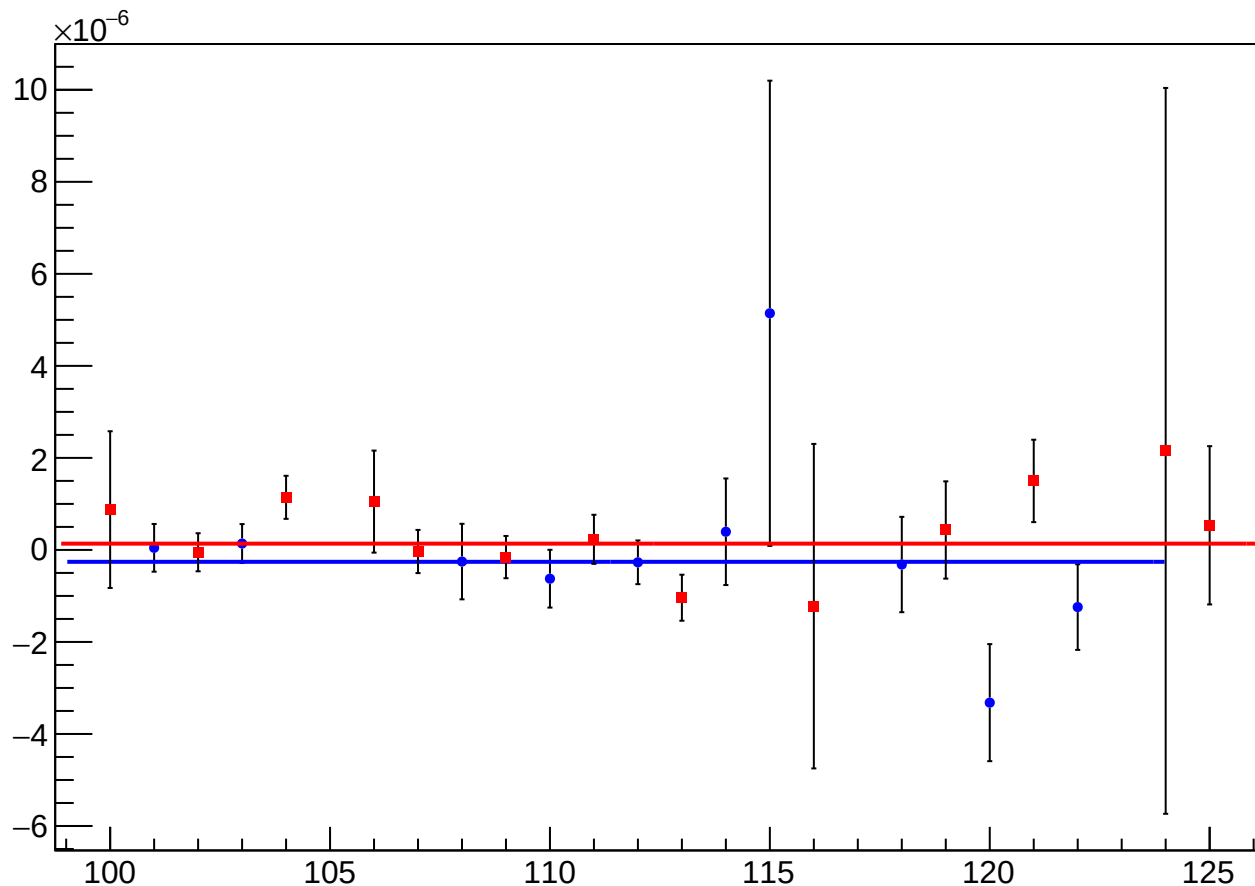
Right: 17.789 $\pm$ 0.005 χ^2 /NDF: 1269552.2/22

In: 18.639 $\pm$ 0.007 χ^2 /NDF: 596864.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.789 $\pm$ 0.005 χ^2 /NDF: 1269552.2/22

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 : 14.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

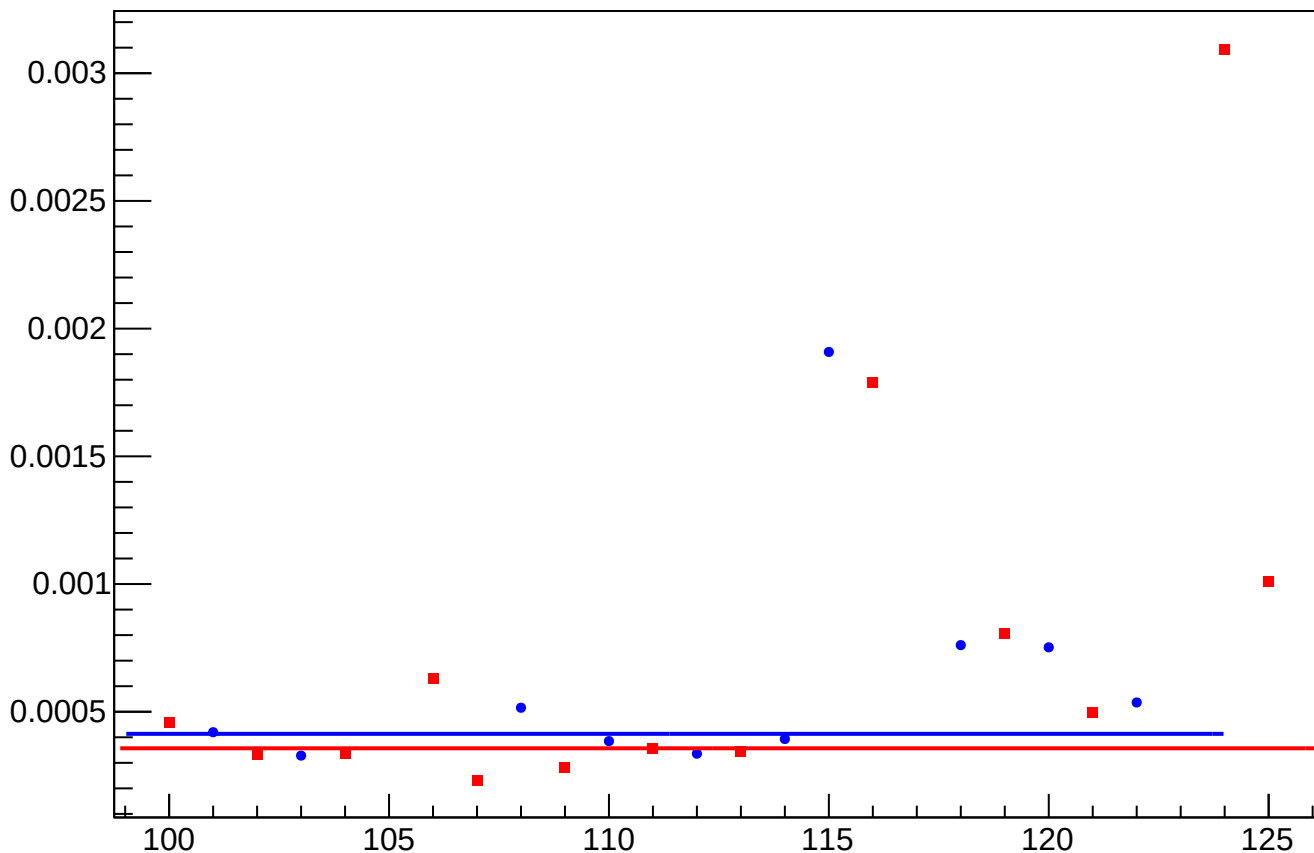
Right: -0.000+/-0.000 χ^2/NDF : 26.4/22

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 : 26.4/22

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 : 1606436.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

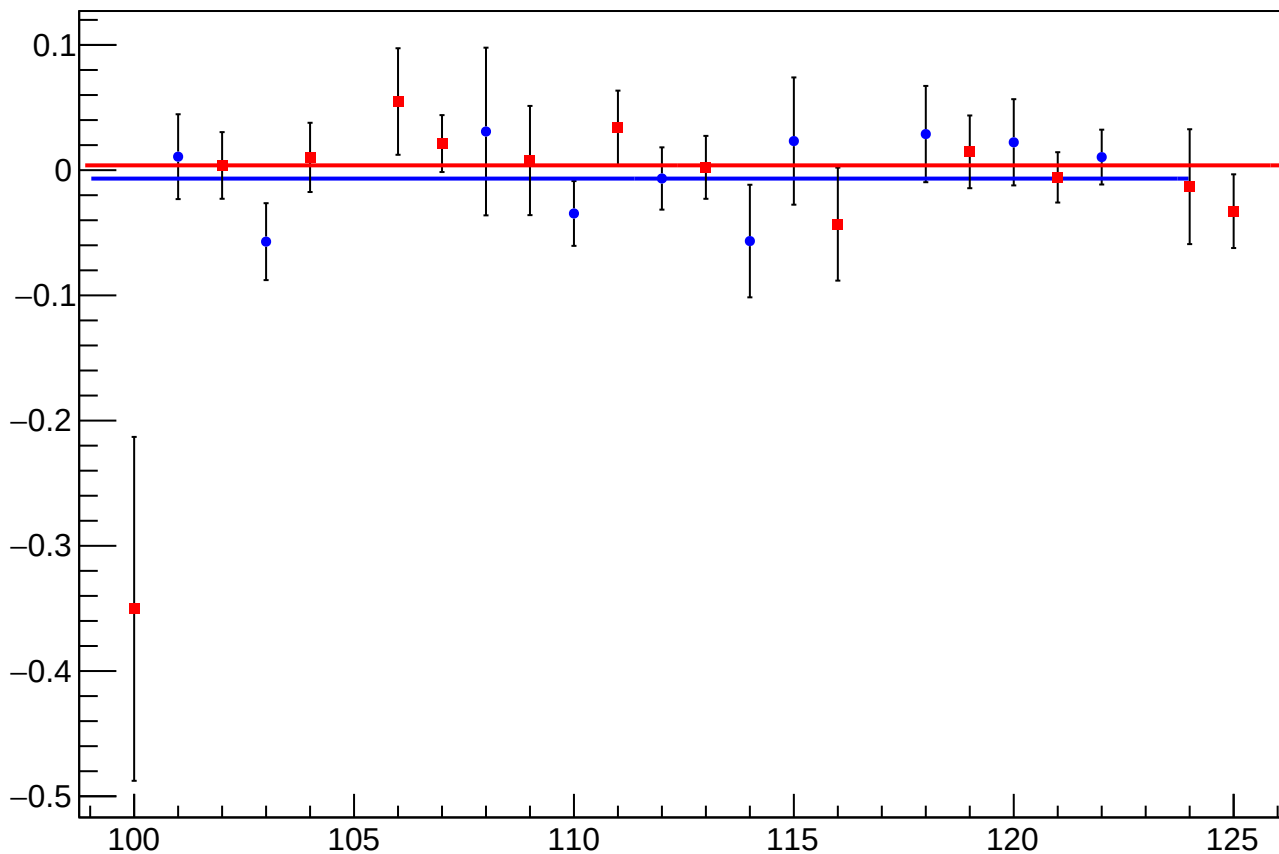
Right: 0.000+/-0.000 χ^2/NDF : 2434511.2/22

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 : 2434511.2/22

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: 0.004 ± 0.008 χ^2/NDF : 12.9/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

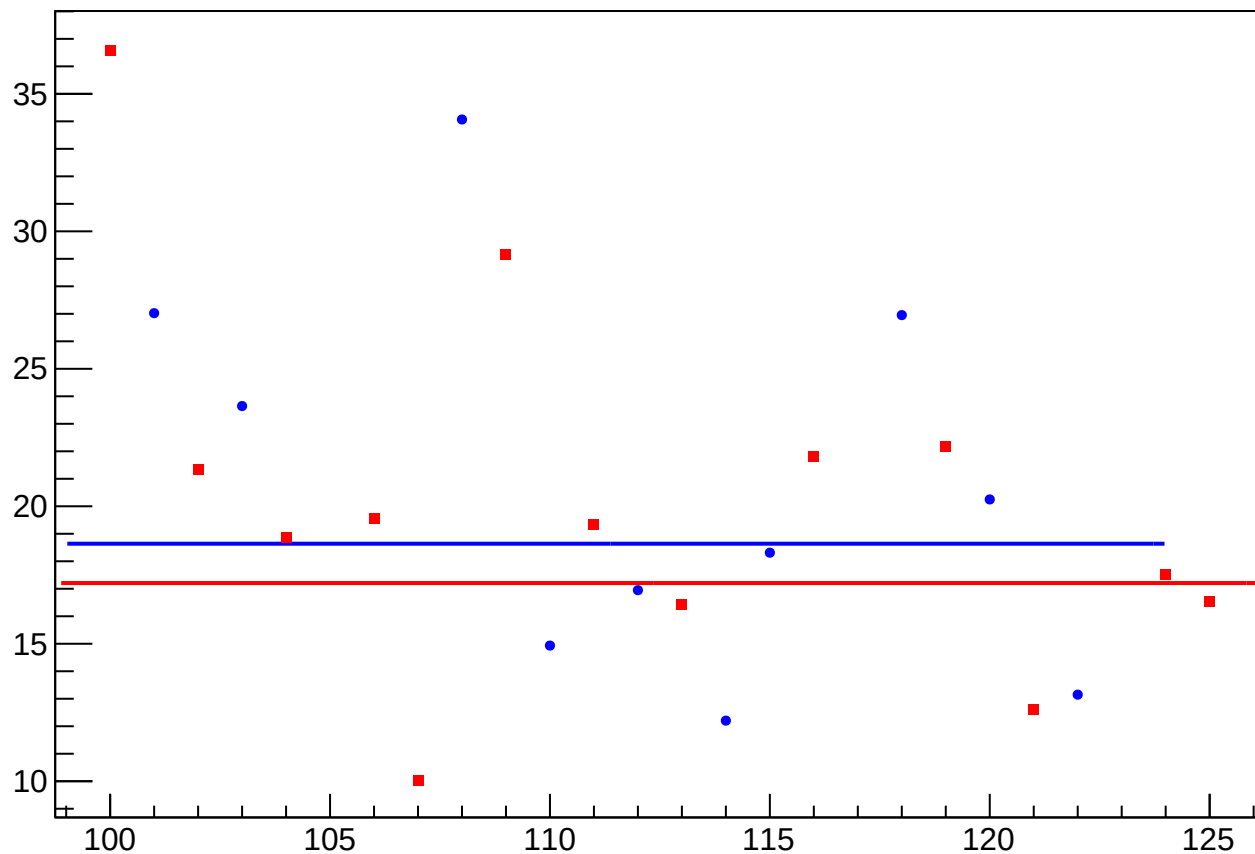
Right: -0.000 ± 0.006 χ^2/NDF : 21.7/22

In: -0.007 ± 0.010 χ^2/NDF : 8.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.006 χ^2/NDF : 21.7/22

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: 17.209+/-0.006 χ^2/NDF : 648998.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

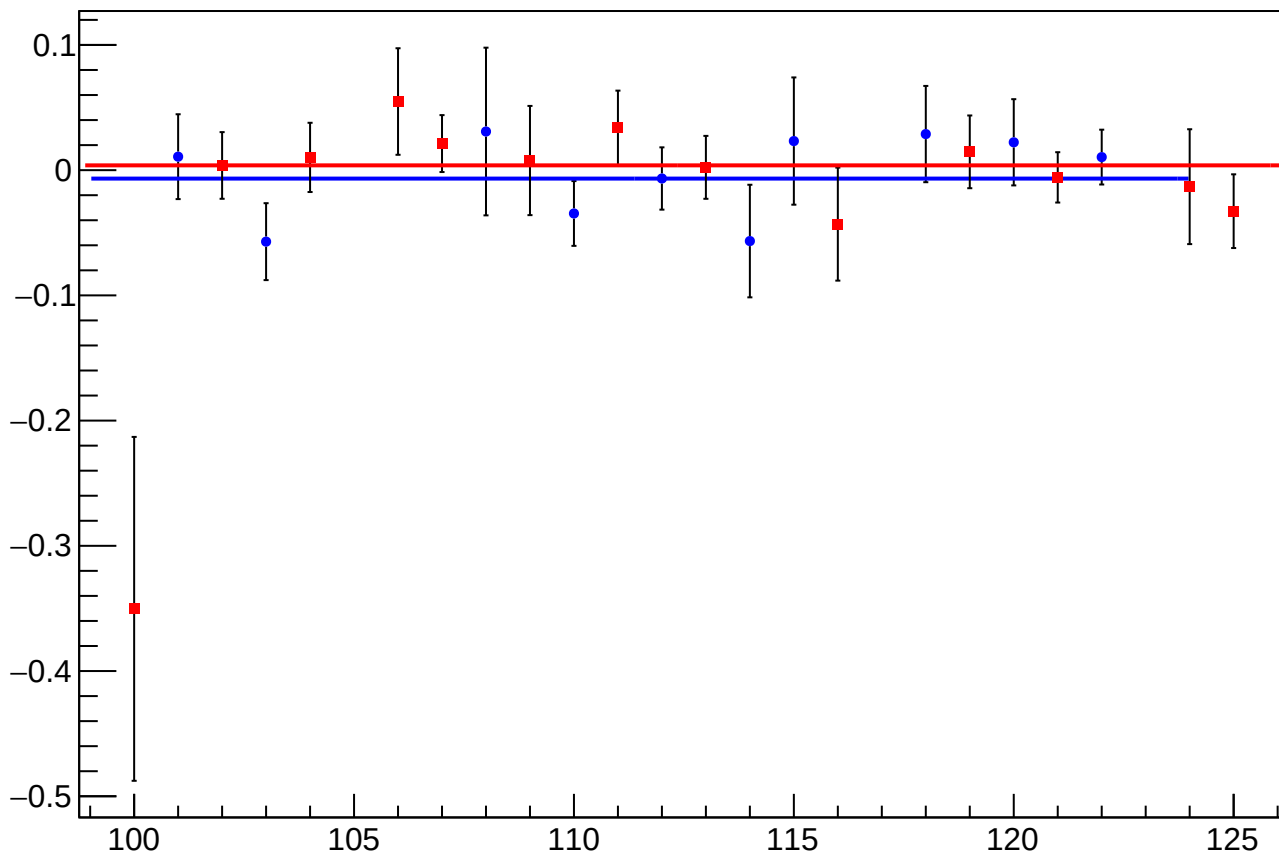
Right: 17.789+/-0.005 χ^2/NDF : 1269564.7/22

In: 18.639+/-0.007 χ^2/NDF : 596856.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.789+/-0.005 χ^2/NDF : 1269564.7/22

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.010 $\chi^2/\text{NDF}: 8.2/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.004 ± 0.008 $\chi^2/\text{NDF}: 12.9/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

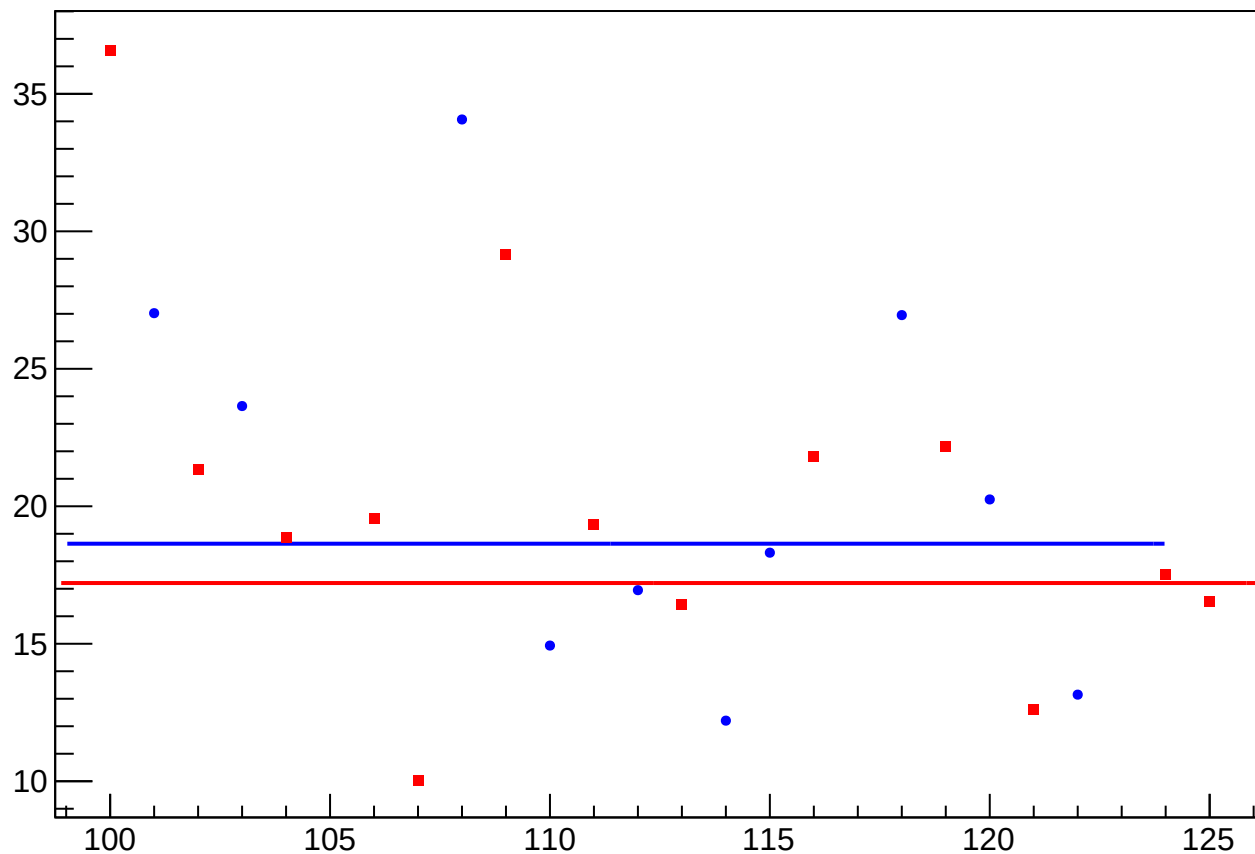
Right: -0.000 ± 0.006 $\chi^2/\text{NDF}: 21.7/22$

In: -0.007 ± 0.010 $\chi^2/\text{NDF}: 8.2/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.000 ± 0.006 $\chi^2/\text{NDF}: 21.7/22$

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: 17.209+/-0.006 χ^2/NDF : 648998.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

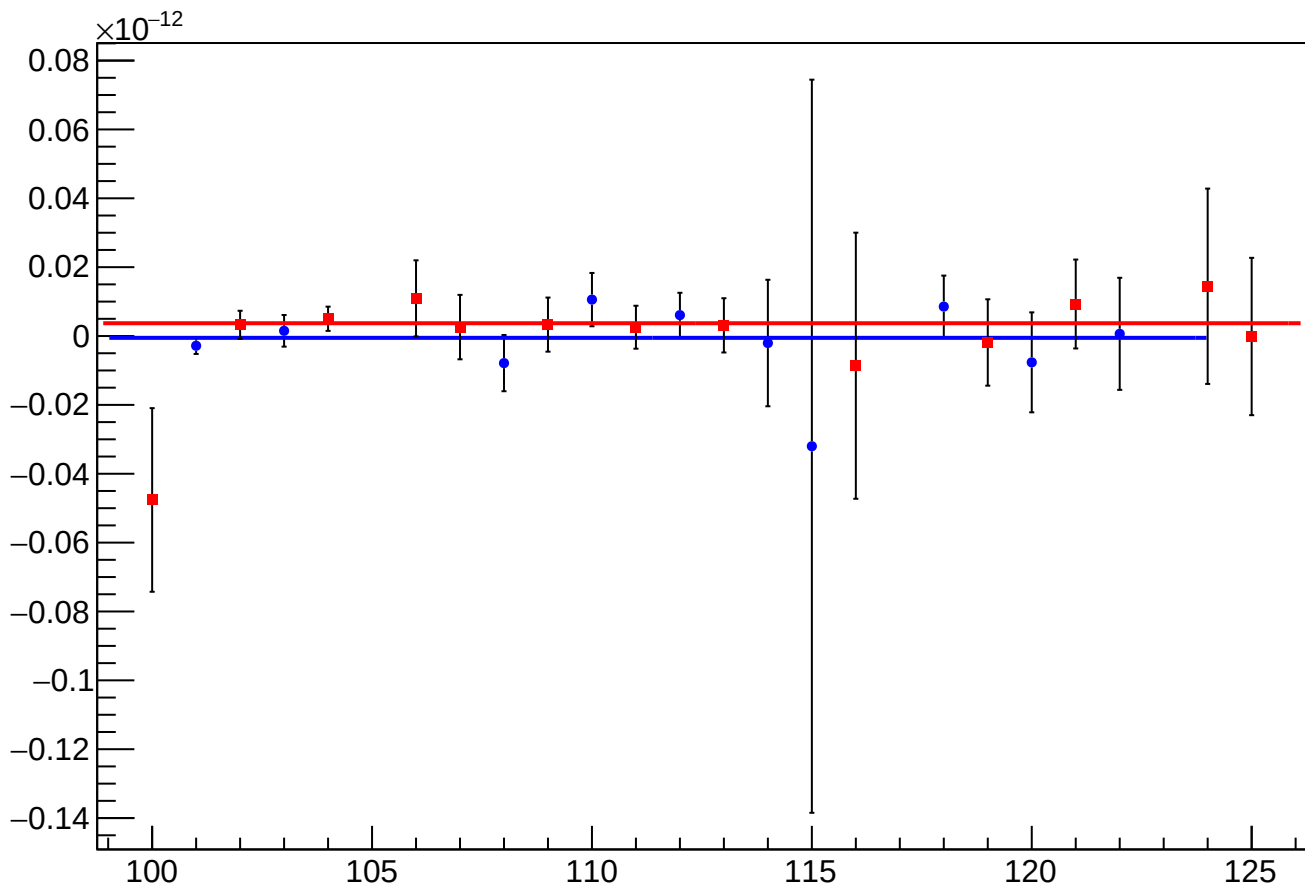
Right: 17.789+/-0.005 χ^2/NDF : 1269564.7/22

In: 18.639+/-0.007 χ^2/NDF : 596856.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.789+/-0.005 χ^2/NDF : 1269564.7/22

asym_sam_15_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

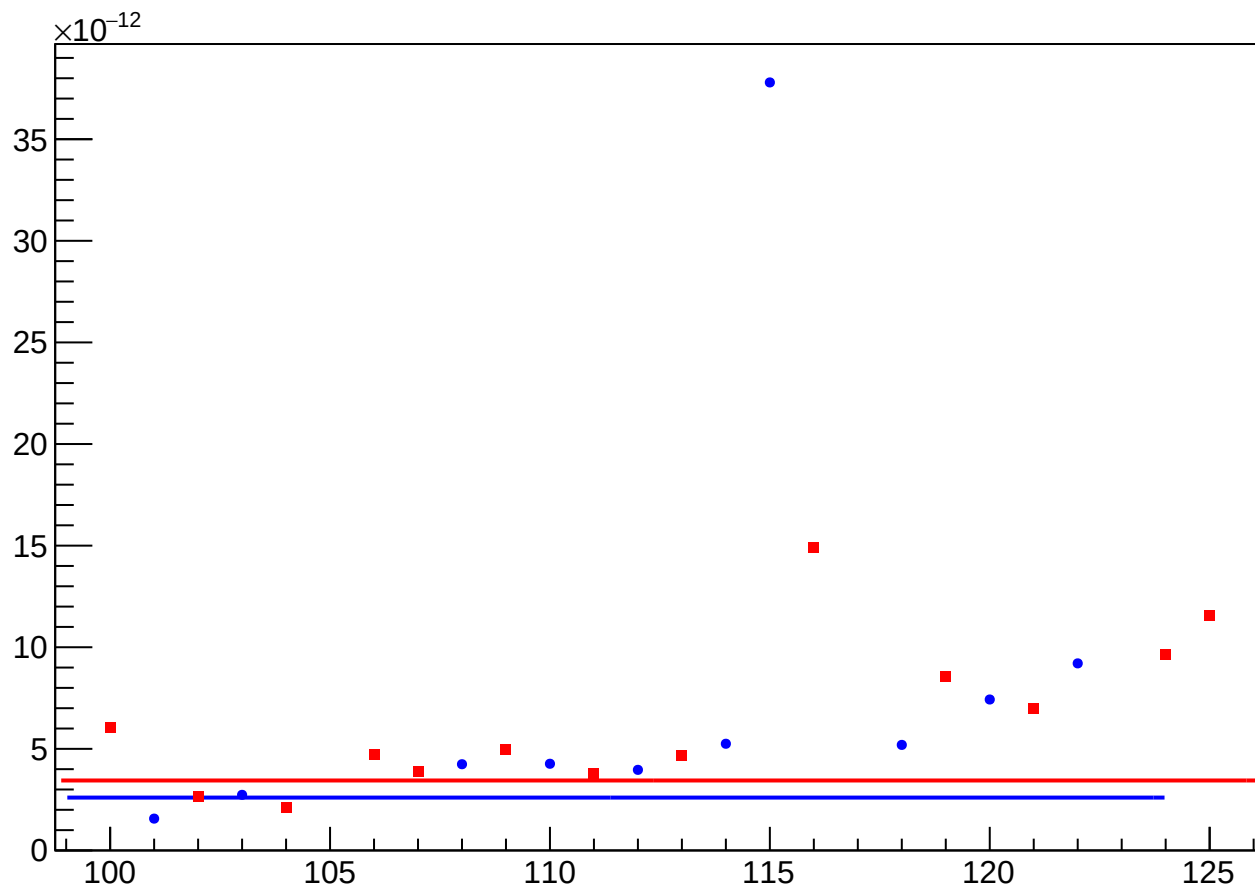
Right: 0.000+/-0.000 χ^2/NDF : 13.8/22

In: -0.000+/-0.000 χ^2/NDF : 6.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.8/22

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 : 1552447.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

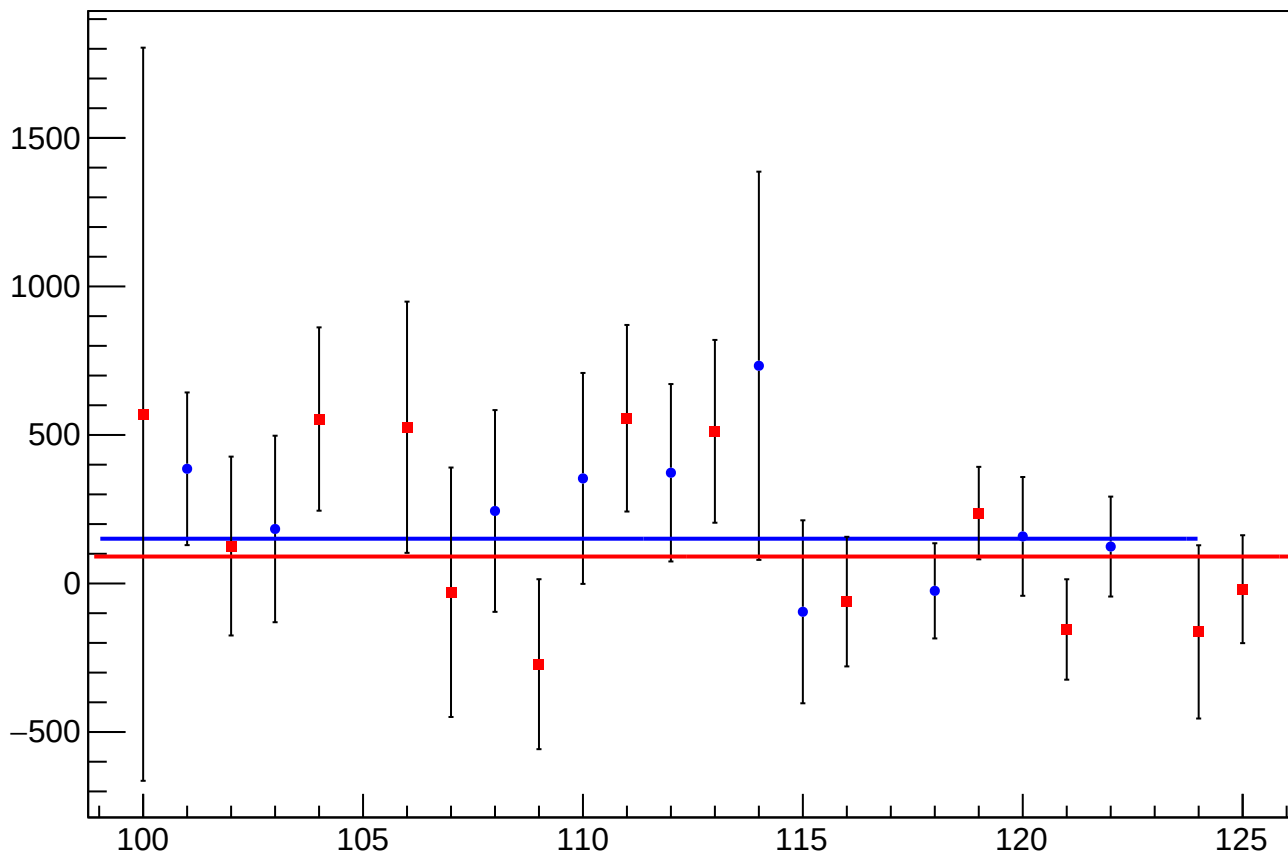
Right: 0.000+/-0.000 χ^2/NDF : 3357124.2/22

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 : 3357124.2/22

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 150.731+/-77.779 χ^2/NDF : 4.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.749+/-69.716 χ^2/NDF : 13.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

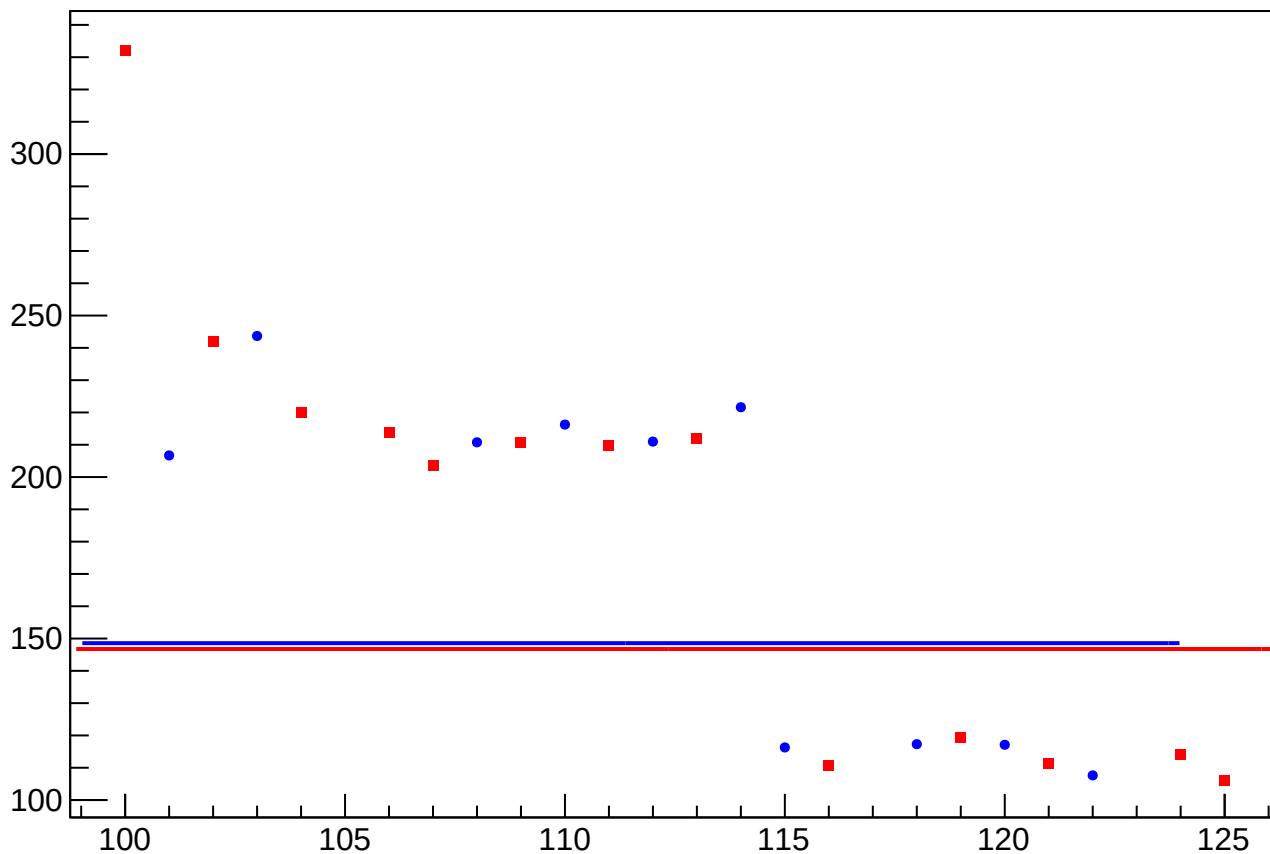
Right: 117.471+/-51.914 χ^2/NDF : 18.6/22

In: 150.731+/-77.779 χ^2/NDF : 4.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.471+/-51.914 χ^2/NDF : 18.6/22

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: 146.765+/-0.049 χ^2/NDF : 1043034.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

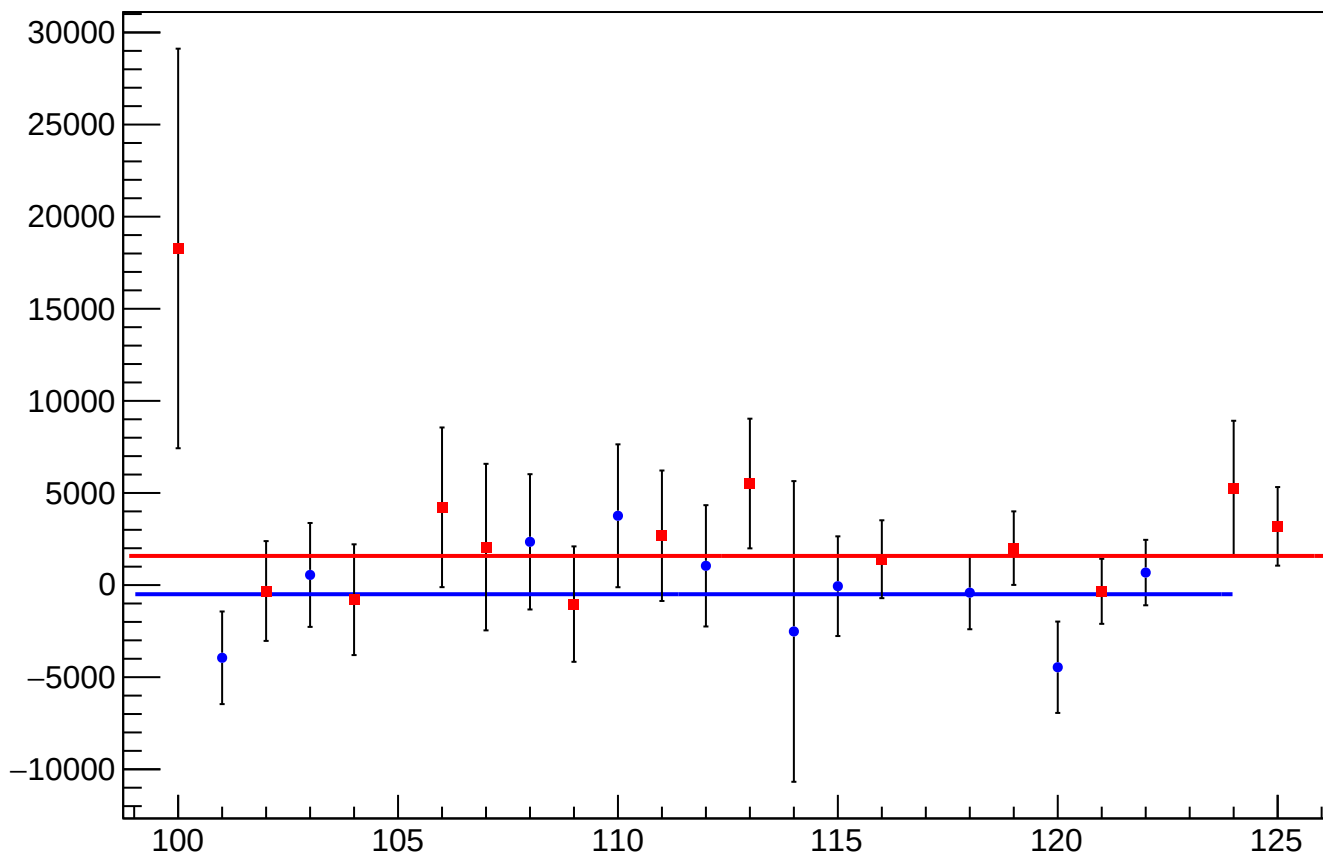
Right: 147.569+/-0.037 χ^2/NDF : 1847651.6/22

In: 148.570+/-0.055 χ^2/NDF : 804019.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.569+/-0.037 χ^2/NDF : 1847651.6/22

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: 1582.233+/-764.692 χ^2/NDF : 8.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

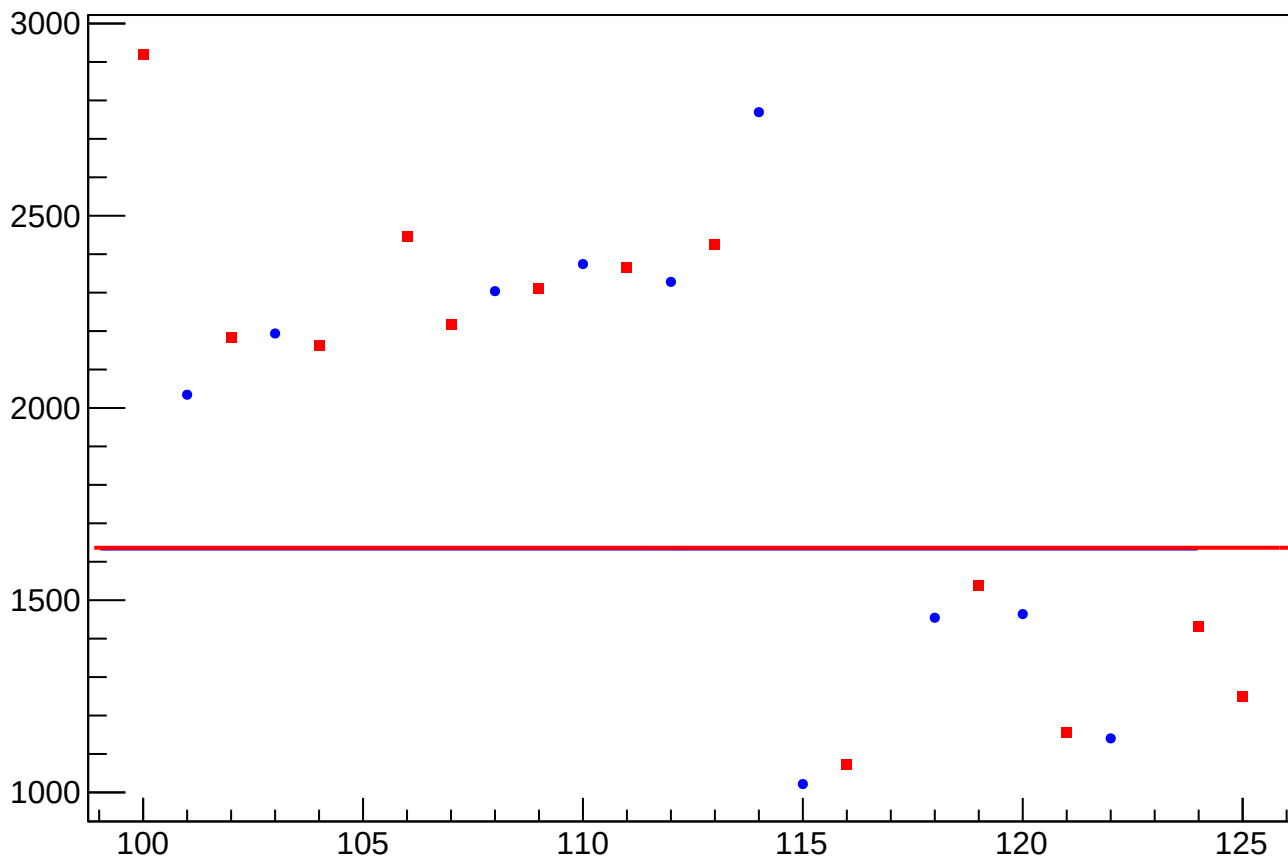
Right: 646.004+/-566.904 χ^2/NDF : 19.2/22

In: -496.430+/-844.716 χ^2/NDF : 7.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 646.004+/-566.904 χ^2/NDF : 19.2/22

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: 1636.417+/-0.541 χ^2/NDF : 919484.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

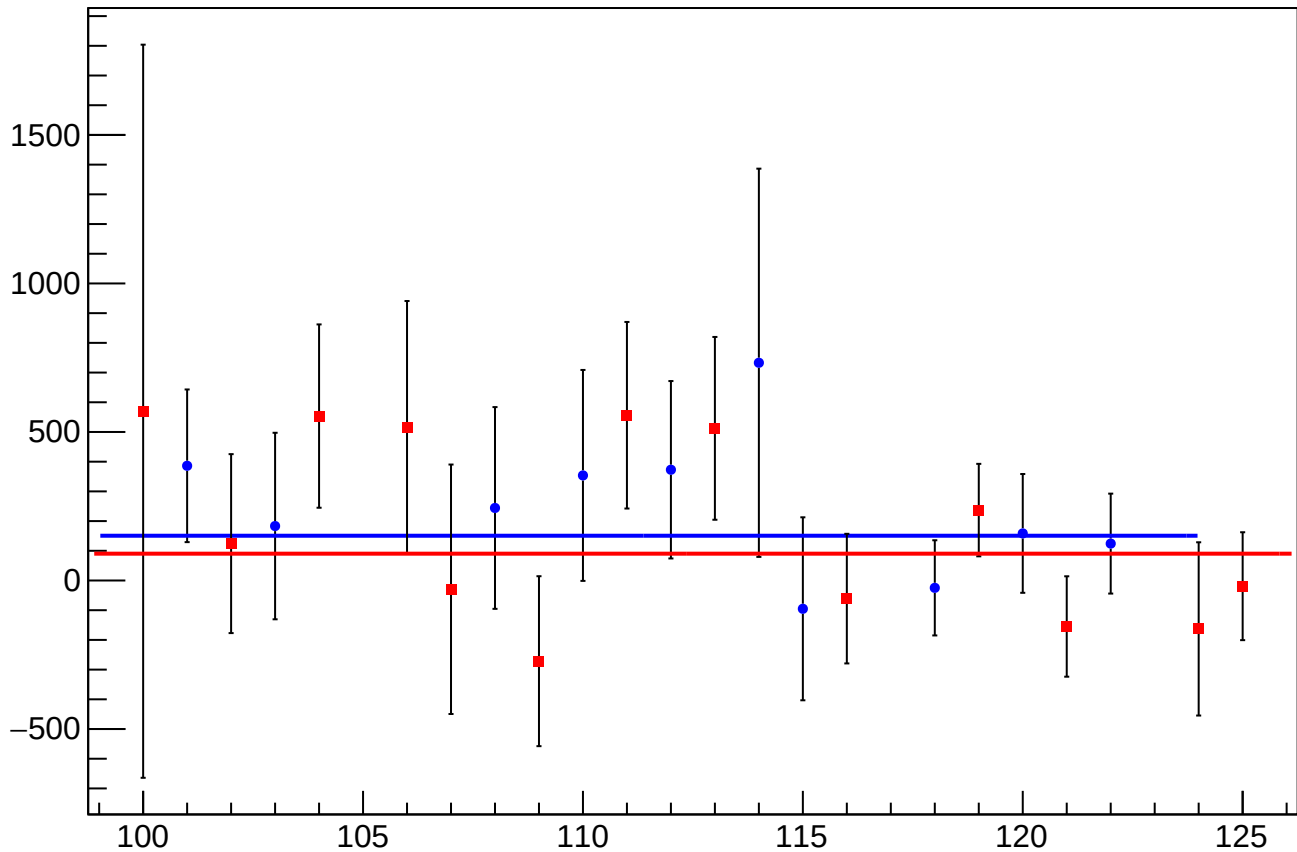
Right: 1635.490+/-0.401 χ^2/NDF : 1598454.5/22

In: 1634.359+/-0.597 χ^2/NDF : 678964.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1635.490+/-0.401 χ^2/NDF : 1598454.5/22

cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 150.716 $\pm$ 77.779 χ^2 /NDF: 4.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 90.294 $\pm$ 69.725 χ^2 /NDF: 13.8/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

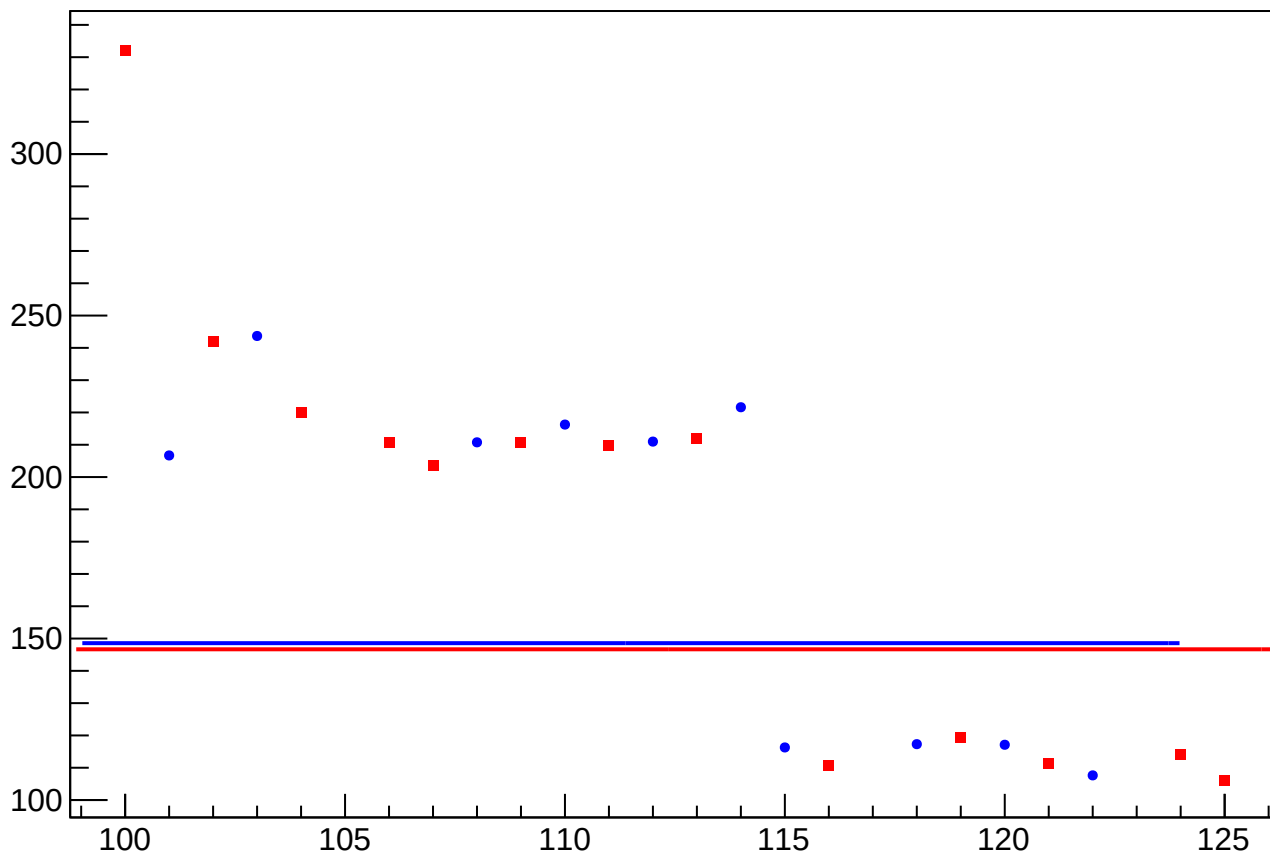
Right: 117.216 $\pm$ 51.918 χ^2 /NDF: 18.6/22

In: 150.716 $\pm$ 77.779 χ^2 /NDF:4.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 117.216 $\pm$ 51.918 χ^2 /NDF: 18.6/22

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: 146.670+/-0.049 χ^2/NDF : 1038508.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

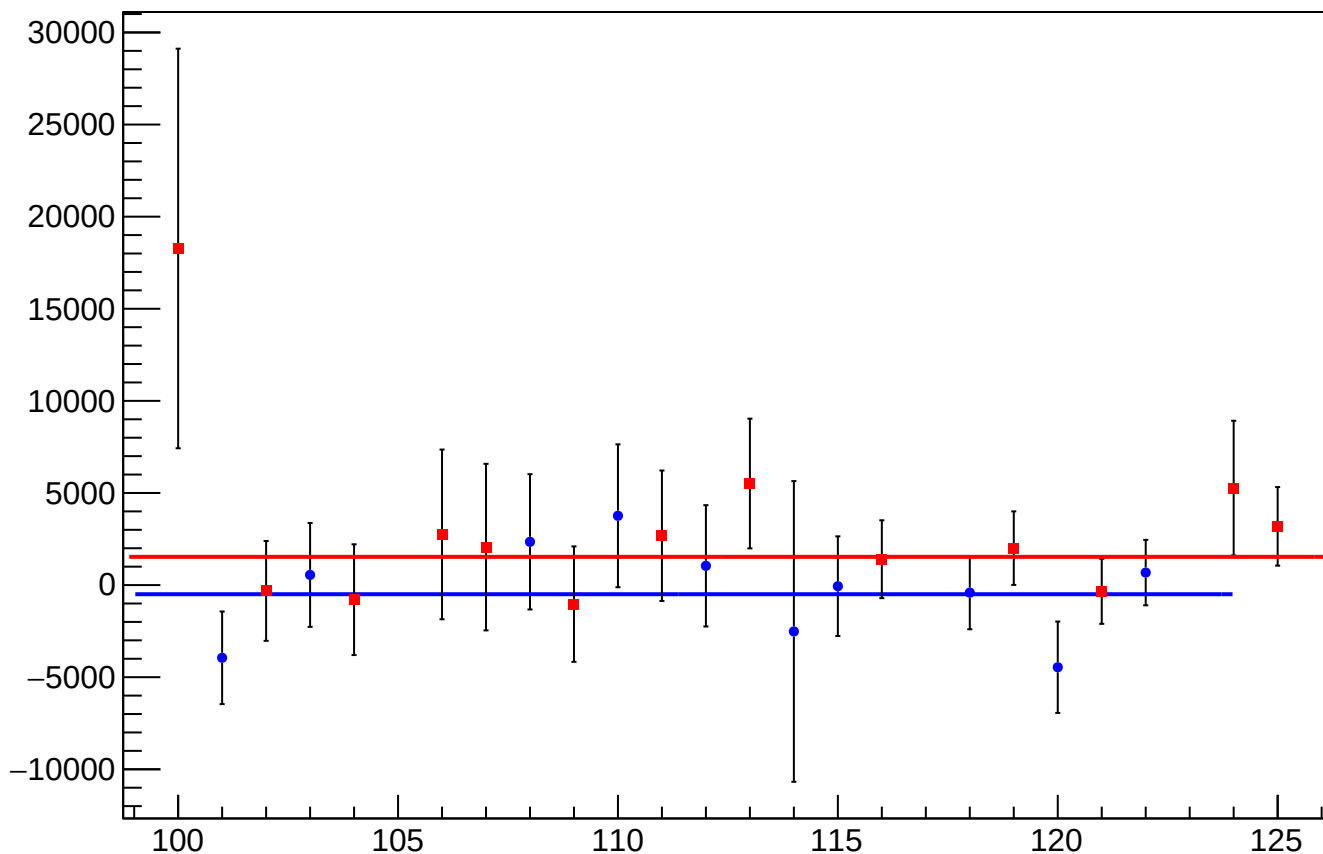
Right: 147.517+/-0.037 χ^2/NDF : 1843192.1/22

In: 148.570+/-0.055 χ^2/NDF : 804021.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.517+/-0.037 χ^2/NDF : 1843192.1/22

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: 1532.706+/-766.102 χ^2/NDF : 8.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

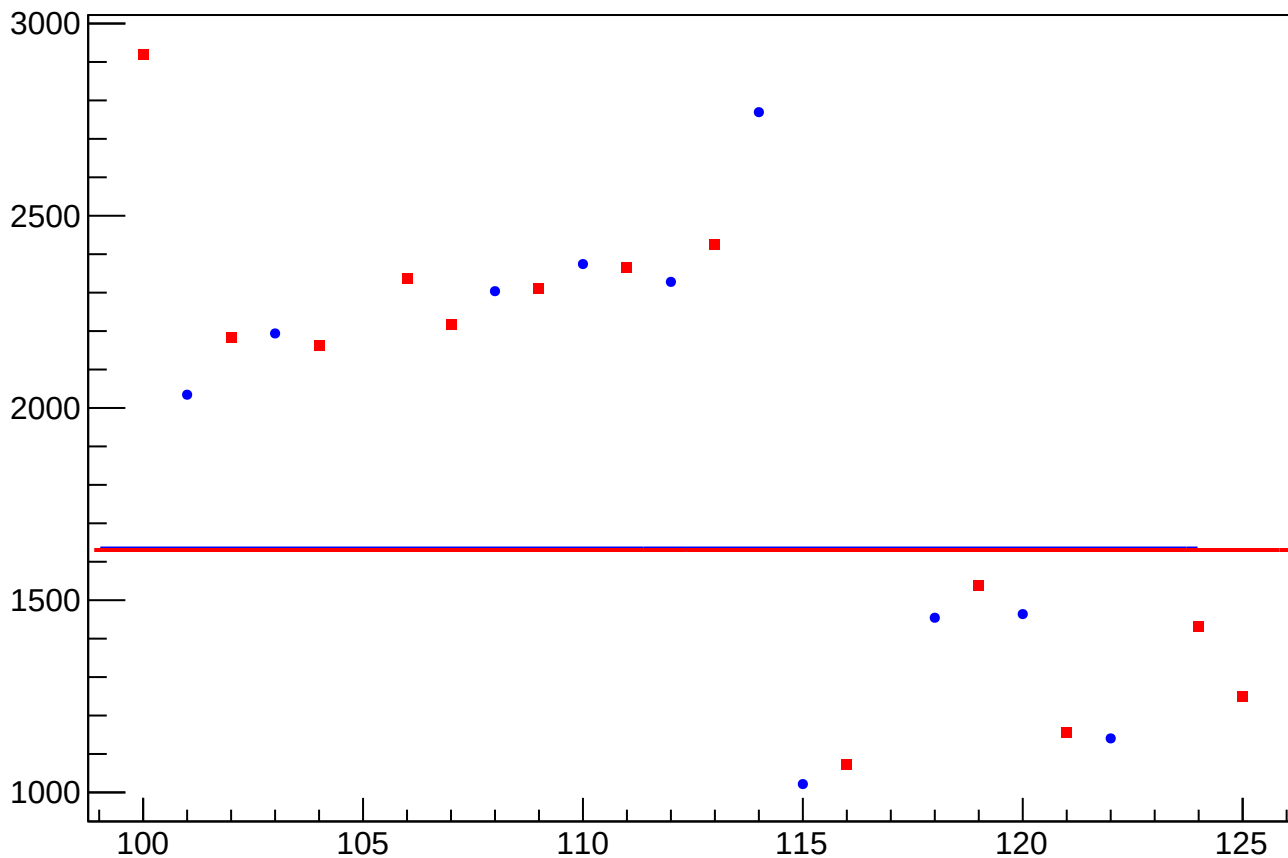
Right: 616.975+/-567.480 χ^2/NDF : 18.7/22

In: -496.346+/-844.720 χ^2/NDF : 7.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 616.975+/-567.480 χ^2/NDF : 18.7/22

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: 1630.551+/-0.542 χ^2/NDF : 896162.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

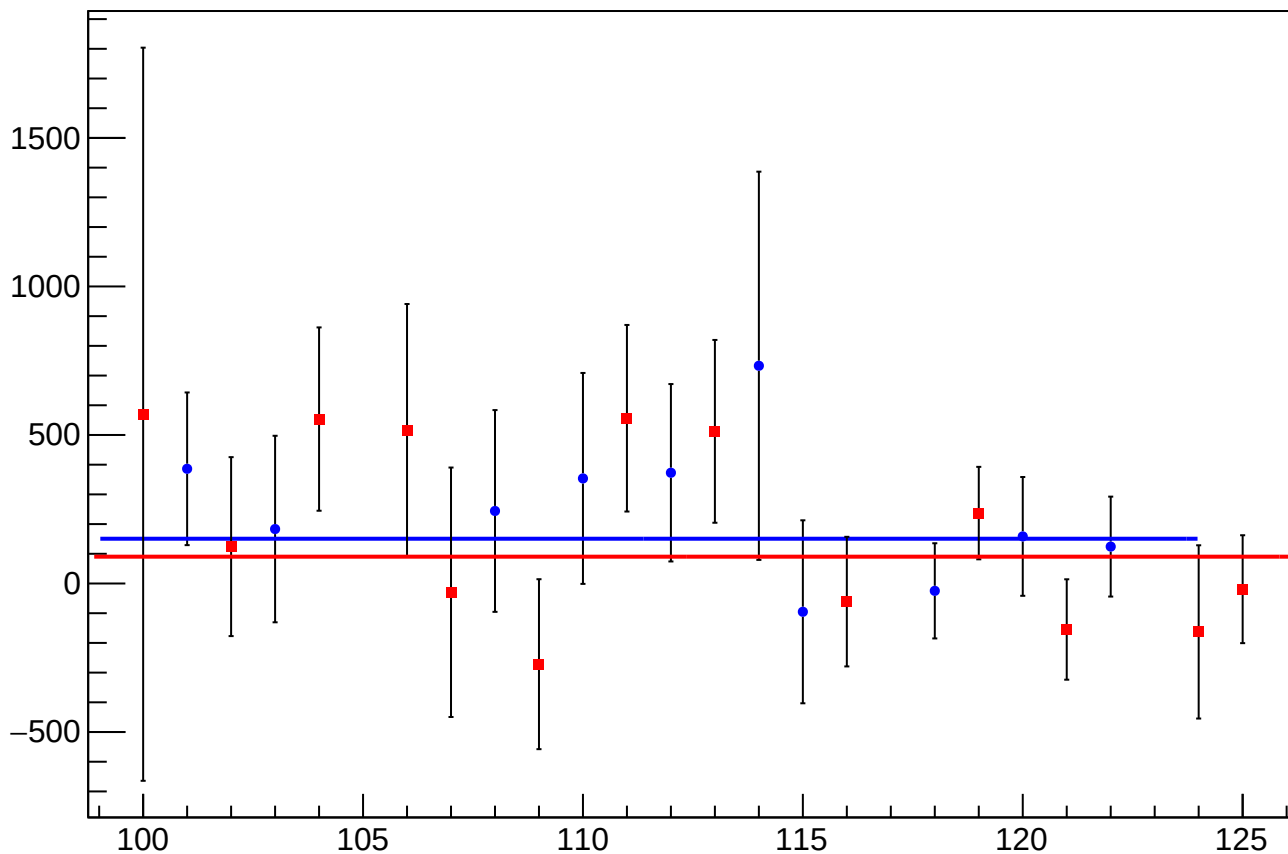
Right: 1632.272+/-0.401 χ^2/NDF : 1575174.3/22

In: 1634.363+/-0.597 χ^2/NDF : 678989.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1632.272+/-0.401 χ^2/NDF : 1575174.3/22

eigen_cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 150.716 $\pm$ 77.779 χ^2 /NDF: 4.5/9

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 90.294 $\pm$ -69.725 χ^2 /NDF: 13.8/12

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

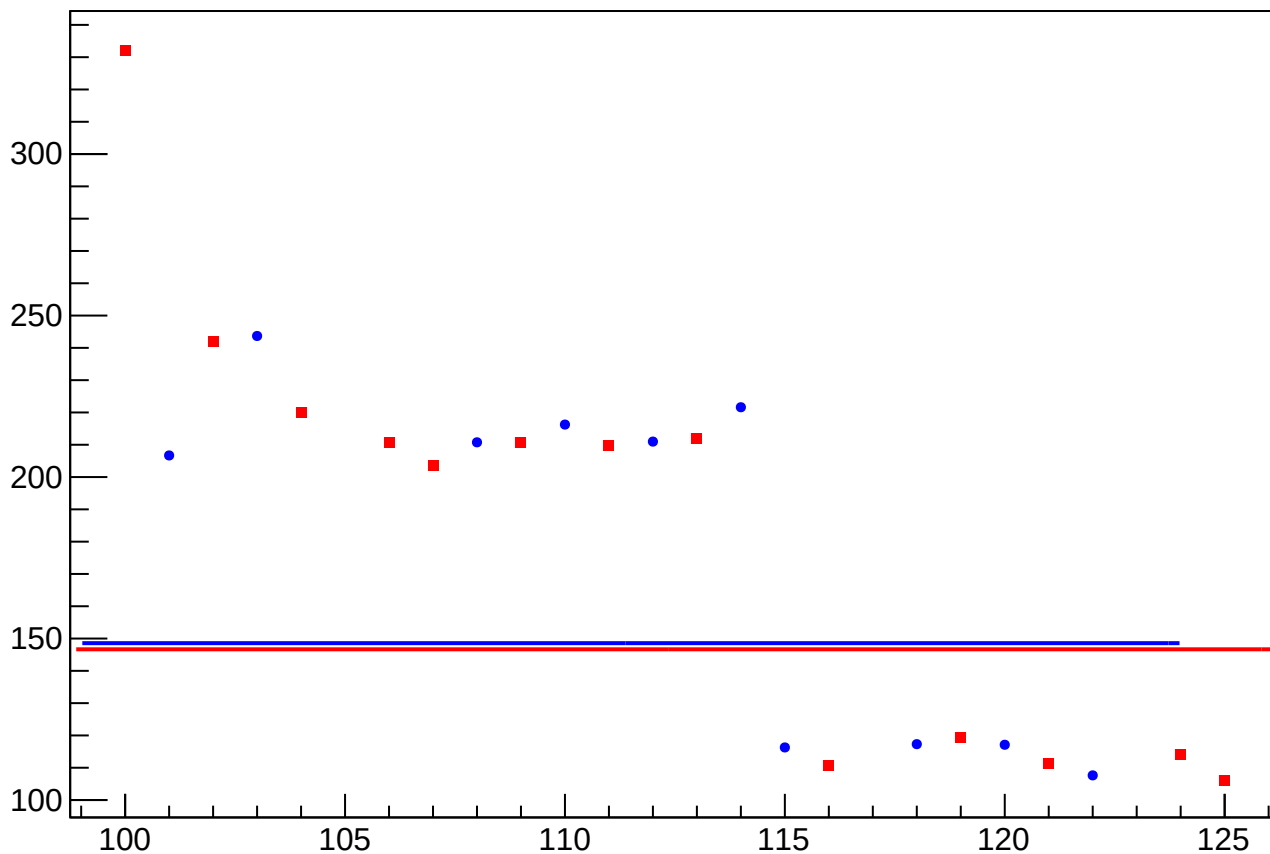
Right: 117.216 $\pm$ -51.918 χ^2 /NDF: 18.6/22

In: 150.716 $\pm$ -77.779 χ^2 /NDF:4.5/9

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 117.216 $\pm$ -51.918 χ^2 /NDF: 18.6/22

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: 146.670+/-0.049 χ^2/NDF : 1038508.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

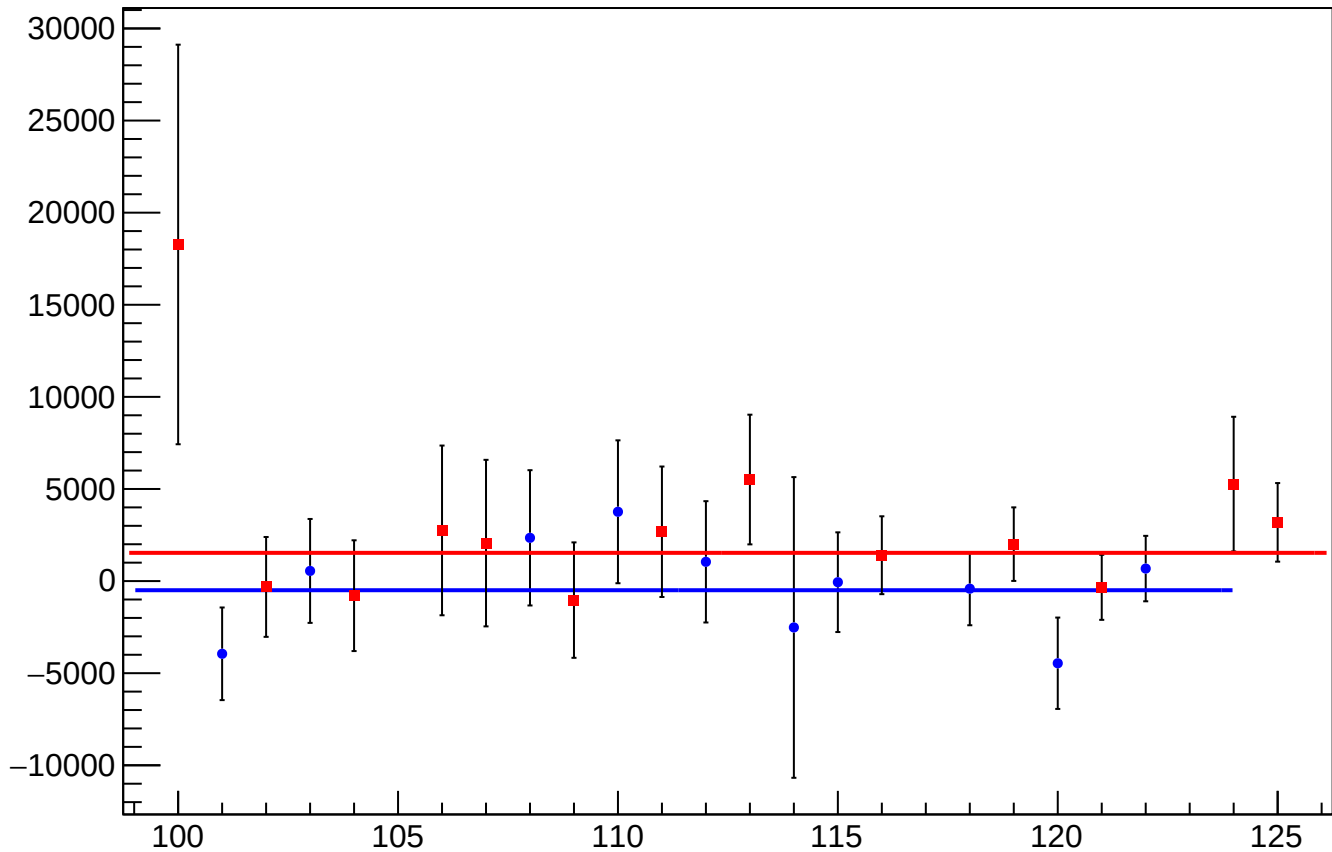
Right: 147.517+/-0.037 χ^2/NDF : 1843192.1/22

In: 148.570+/-0.055 χ^2/NDF : 804021.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.517+/-0.037 χ^2/NDF : 1843192.1/22

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: 1532.706+/-766.102 χ^2/NDF : 8.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

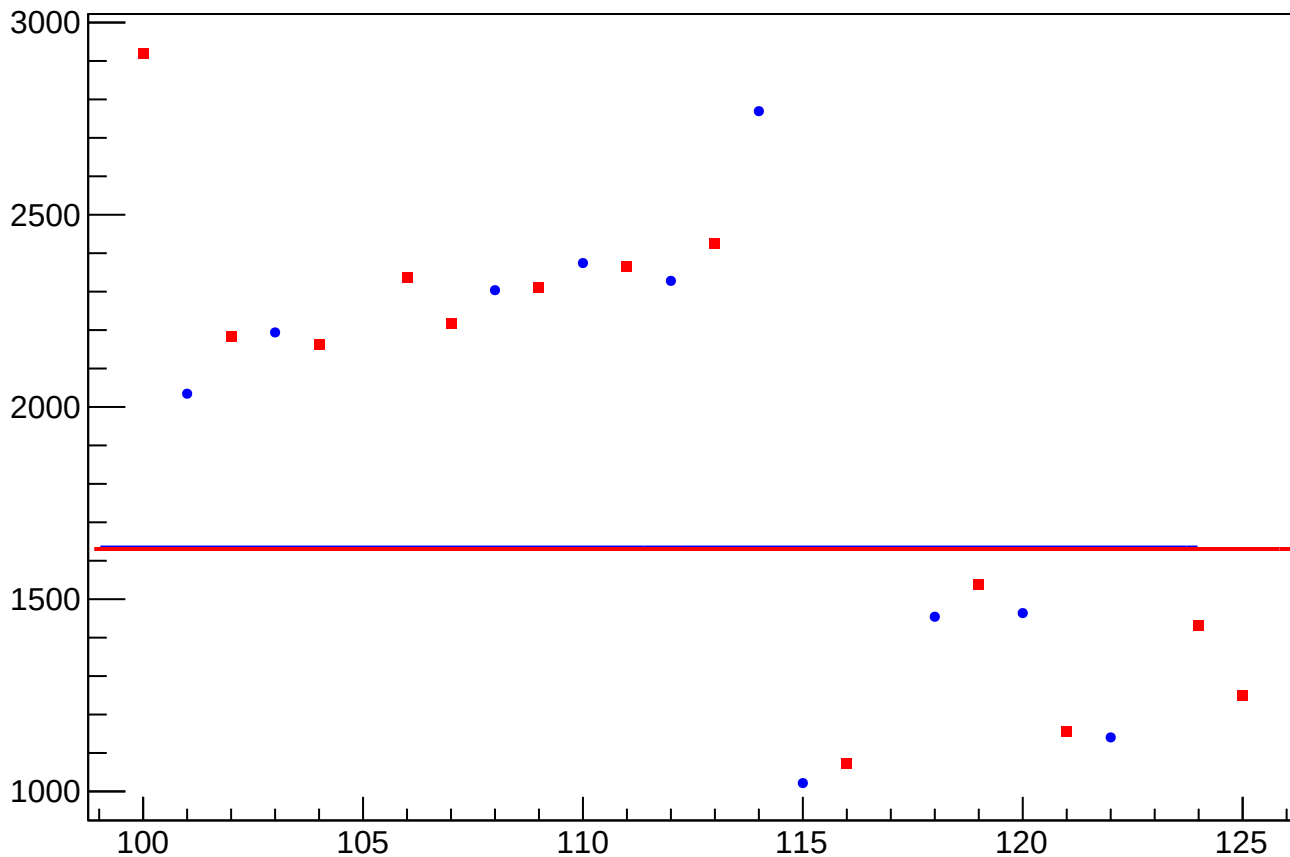
Right: 616.975+/-567.480 χ^2/NDF : 18.7/22

In: -496.346+/-844.720 χ^2/NDF : 7.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 616.975+/-567.480 χ^2/NDF : 18.7/22

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: 1630.551+/-0.542 χ^2/NDF : 896162.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

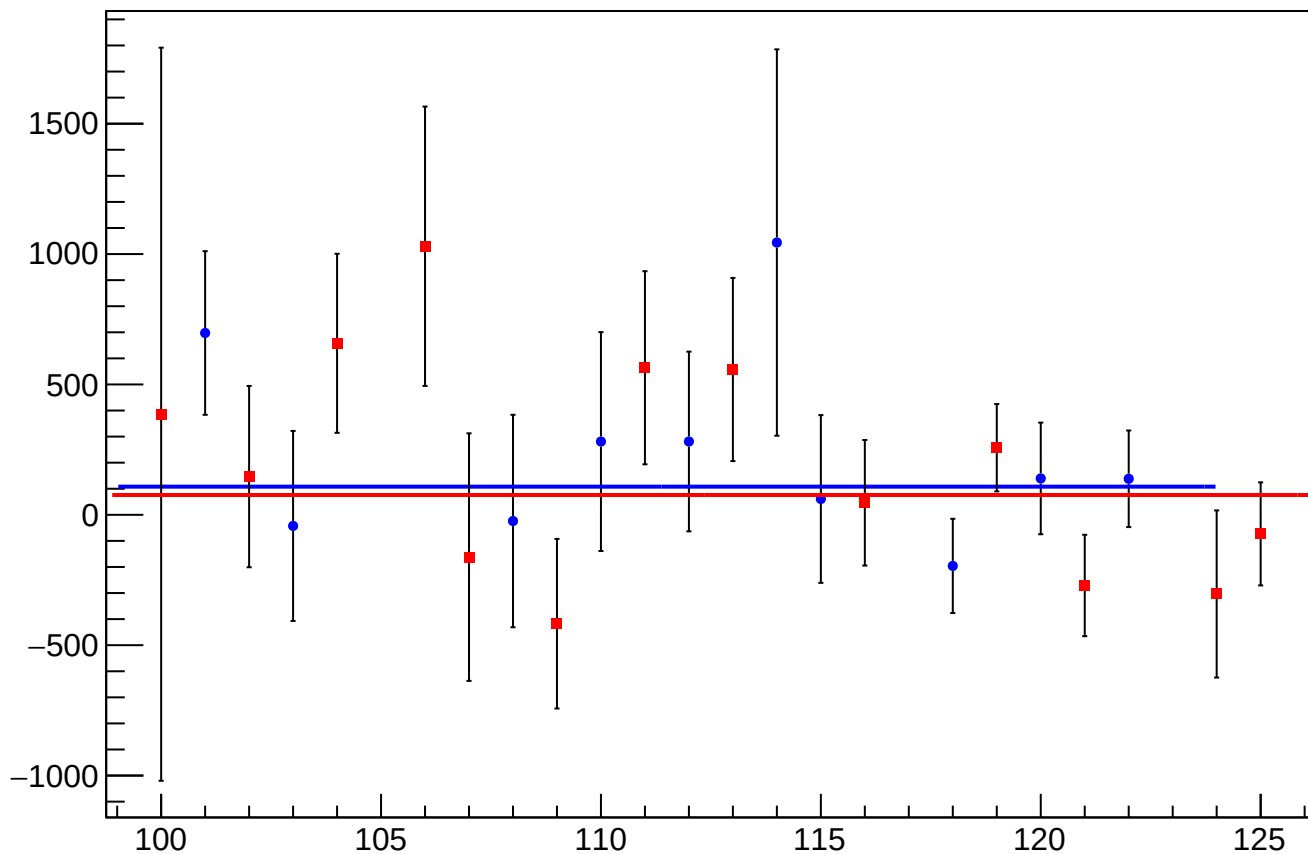
Right: 1632.272+/-0.401 χ^2/NDF : 1575174.3/22

In: 1634.363+/-0.597 χ^2/NDF : 678989.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1632.272+/-0.401 χ^2/NDF : 1575174.3/22

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: 75.992 $\pm$ 77.916 χ^2 /NDF: 18.6/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

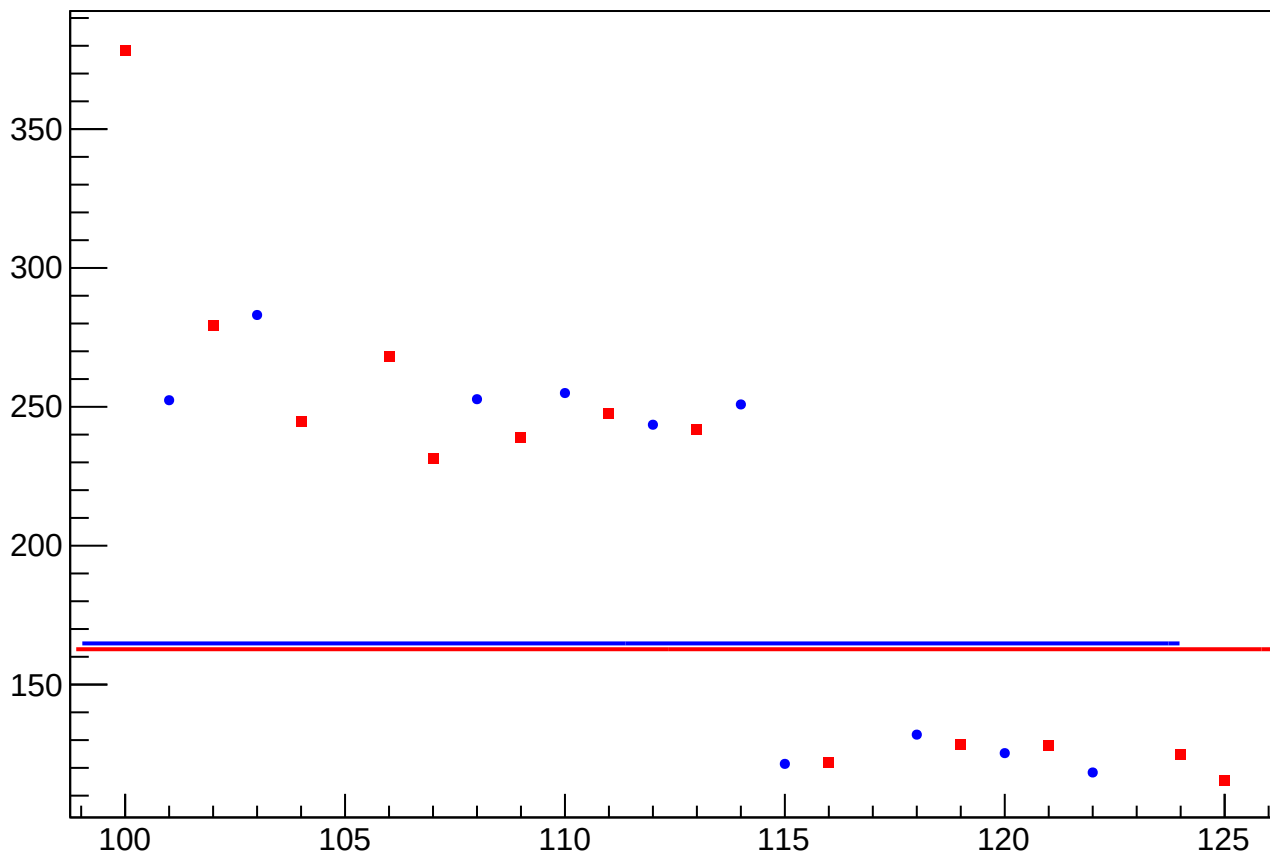
Right: 90.187 $\pm$ 58.161 χ^2 /NDF: 27.4/22

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: 90.187 $\pm$ 58.161 χ^2 /NDF: 27.4/22

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: 162.720+/-0.055 χ^2/NDF : 1168400.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

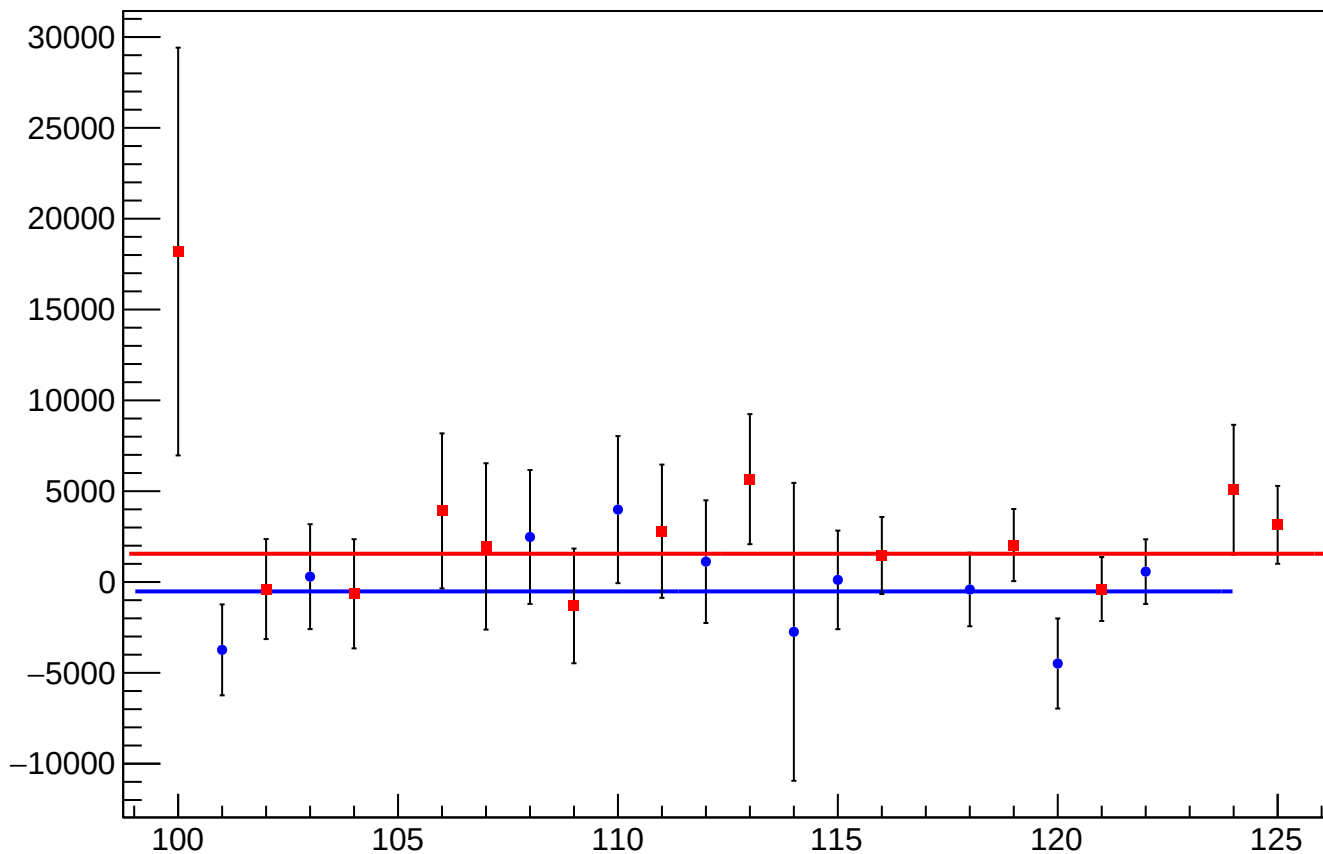
Right: 163.647+/-0.041 χ^2/NDF : 2148816.4/22

In: 164.813+/-0.062 χ^2/NDF : 979776.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.647+/-0.041 χ^2/NDF : 2148816.4/22

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: 1556.603+/-766.578 χ^2/NDF : 8.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

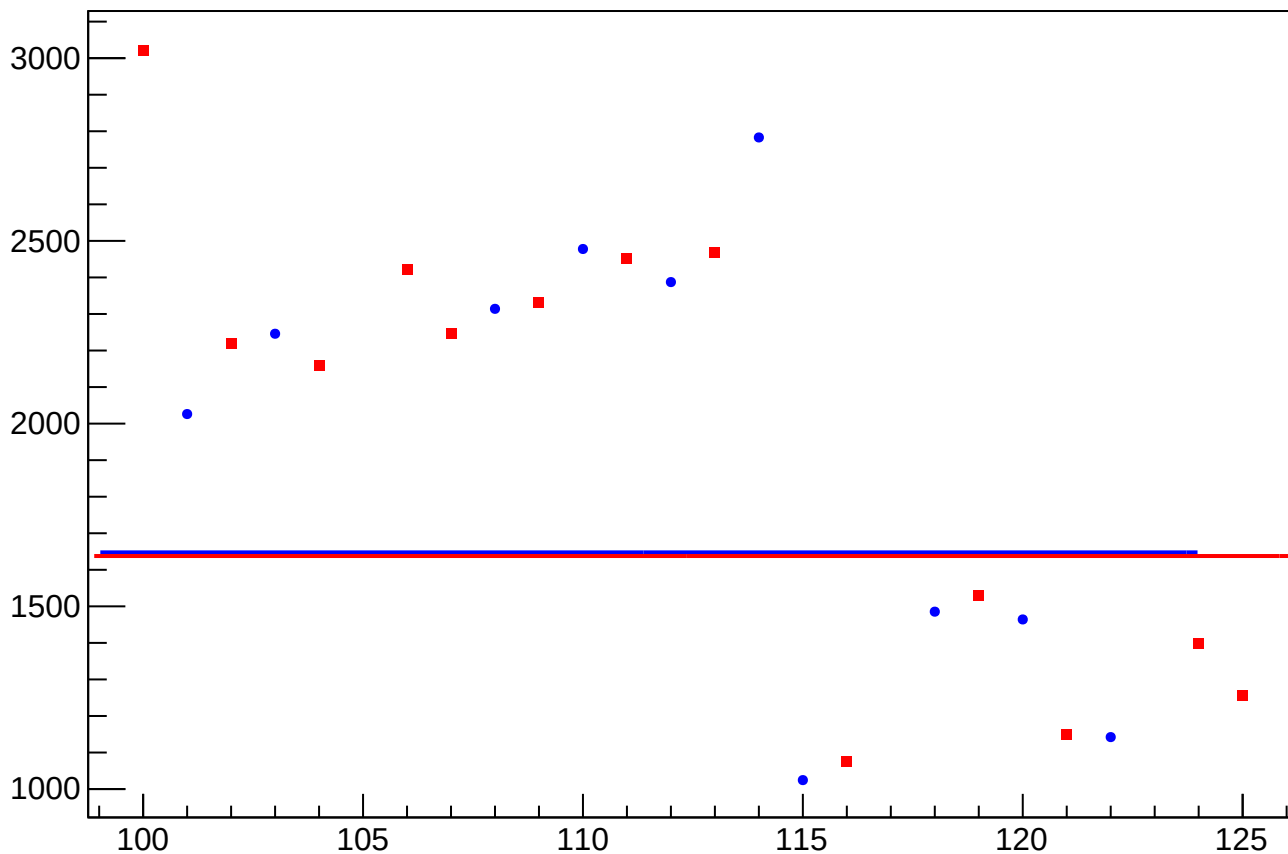
Right: 629.648+/-570.074 χ^2/NDF : 18.8/22

In: -517.269+/-852.693 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 629.648+/-570.074 χ^2/NDF : 18.8/22

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: 1637.706+/-0.542 χ^2/NDF : 957907.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

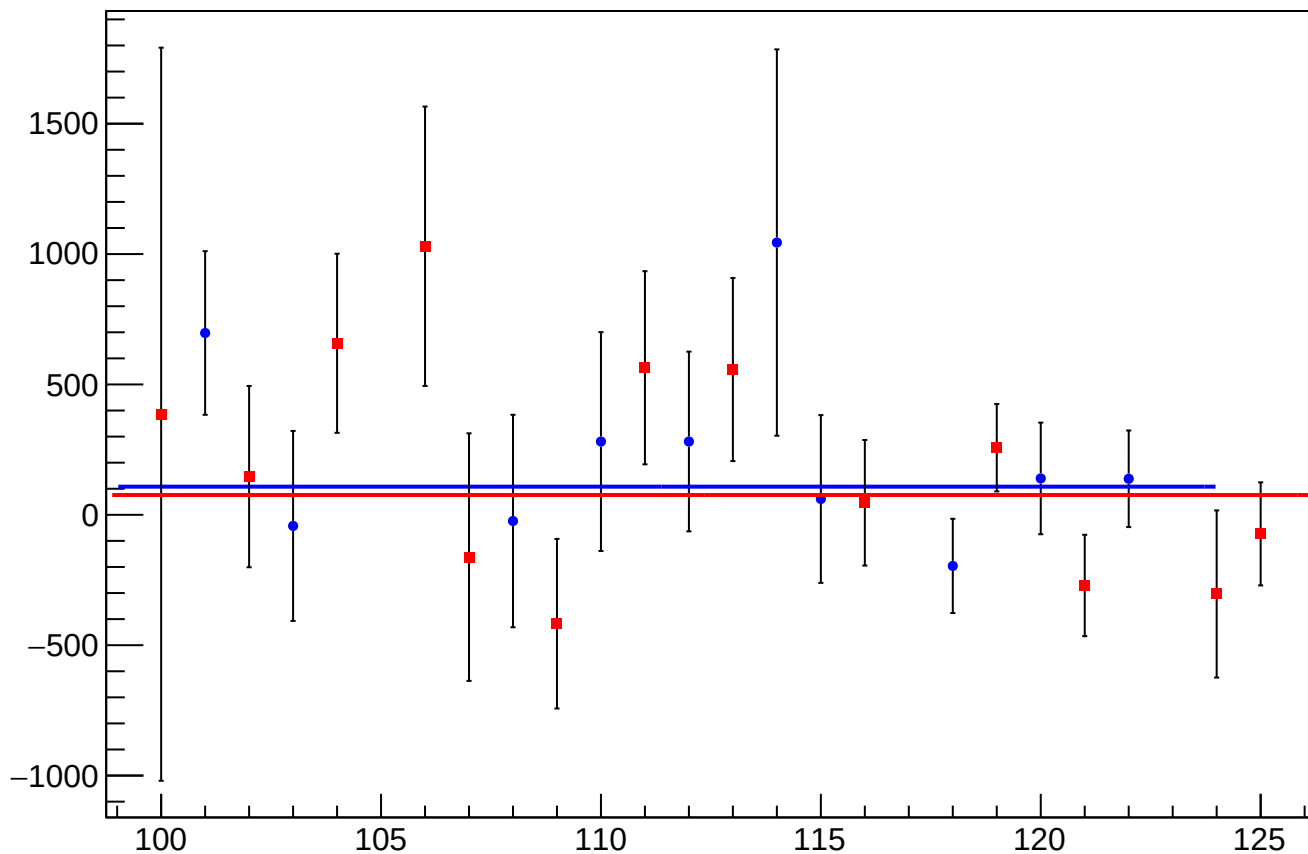
Right: 1642.166+/-0.403 χ^2/NDF : 1664248.7/22

In: 1647.685+/-0.603 χ^2/NDF : 706190.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1642.166+/-0.403 χ^2/NDF : 1664248.7/22

eigen_dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 108.051 $\pm$ 87.403 χ^2 /NDF: 8.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 75.990 $\pm$ 77.916 χ^2 /NDF: 18.6/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

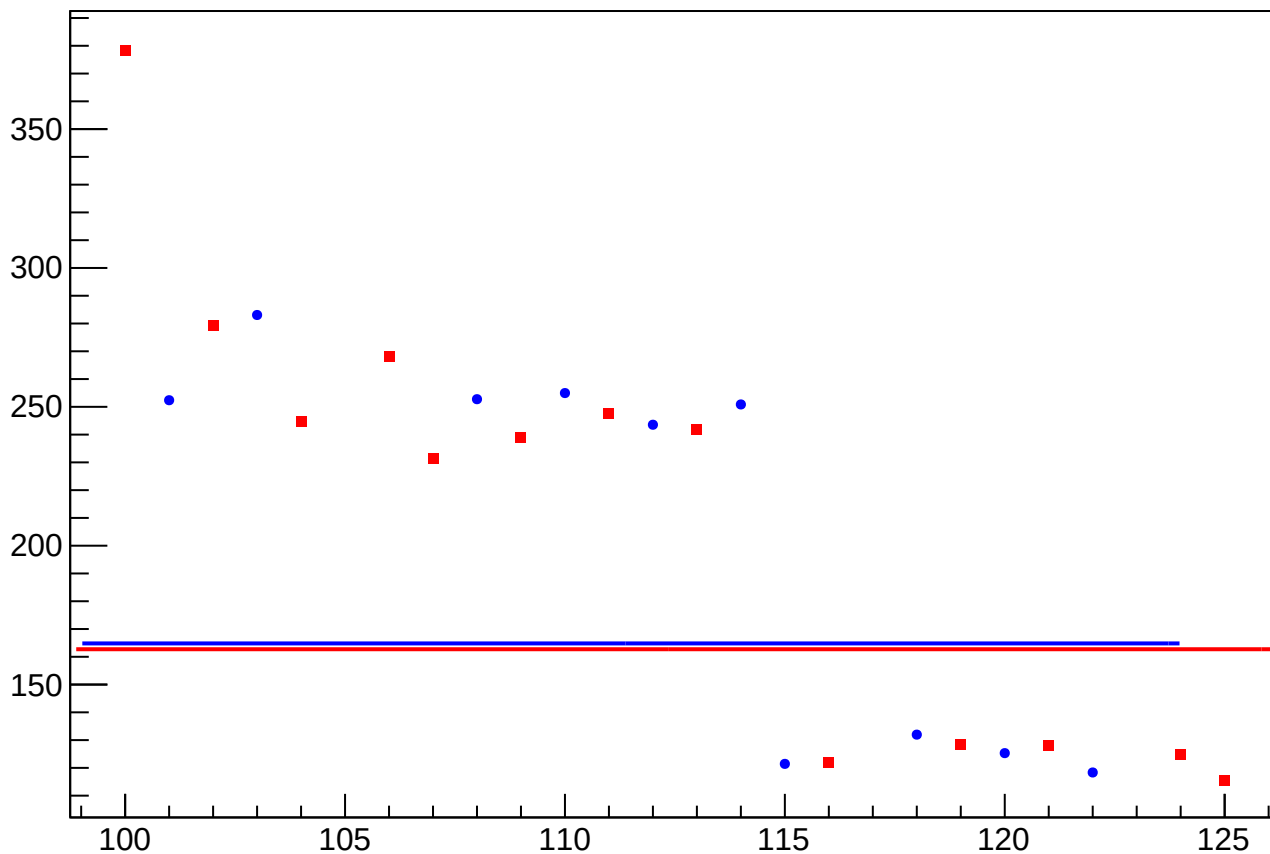
Right: 90.187 $\pm$ 58.161 χ^2 /NDF: 27.4/22

In: 108.051 $\pm$ 87.403 χ^2 /NDF:8.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 90.187 $\pm$ 58.161 χ^2 /NDF: 27.4/22

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: 162.720+/-0.055 χ^2/NDF : 1168376.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

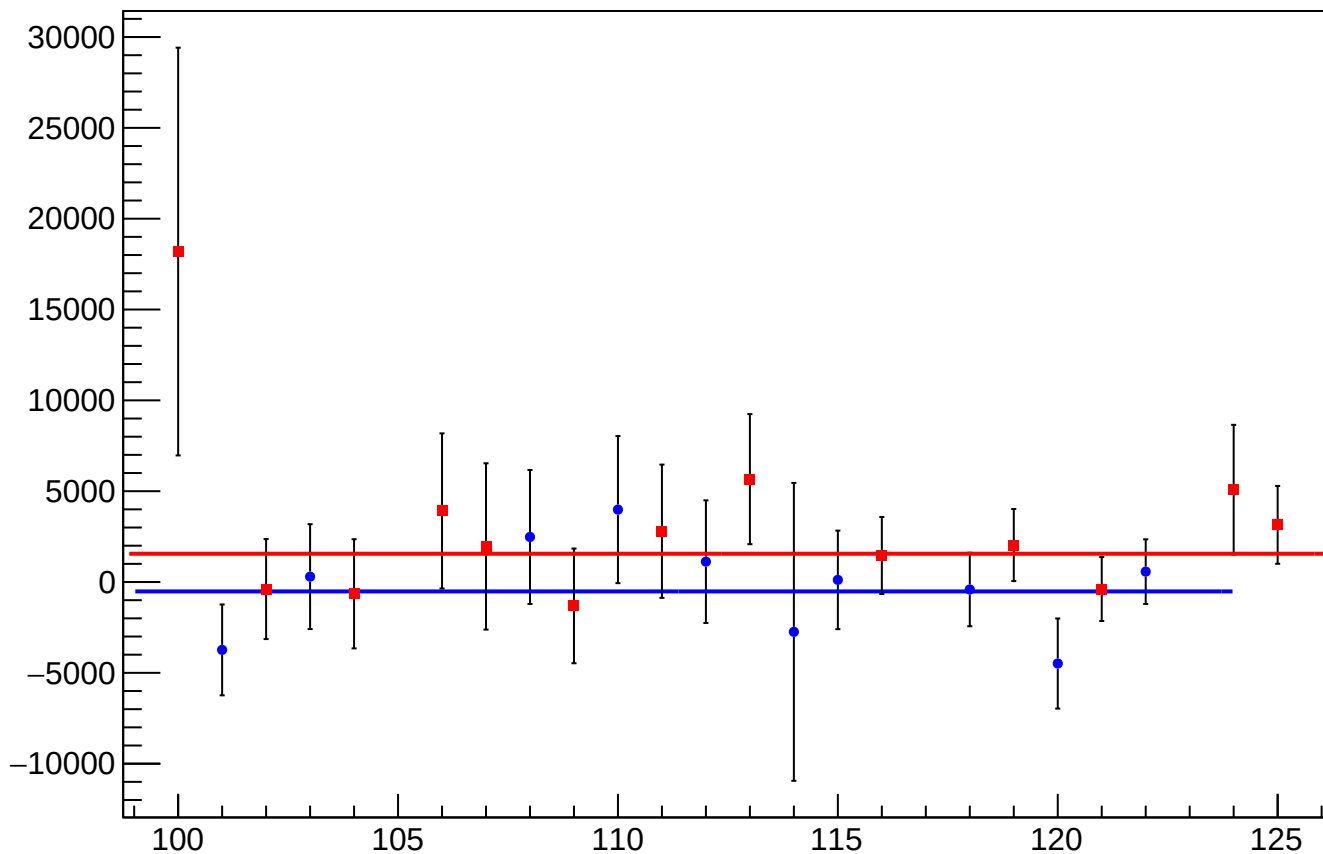
Right: 163.647+/-0.041 χ^2/NDF : 2148773.9/22

In: 164.813+/-0.062 χ^2/NDF : 979758.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.647+/-0.041 χ^2/NDF : 2148773.9/22

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: 1556.602+/-766.577 χ^2 /NDF: 8.6/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

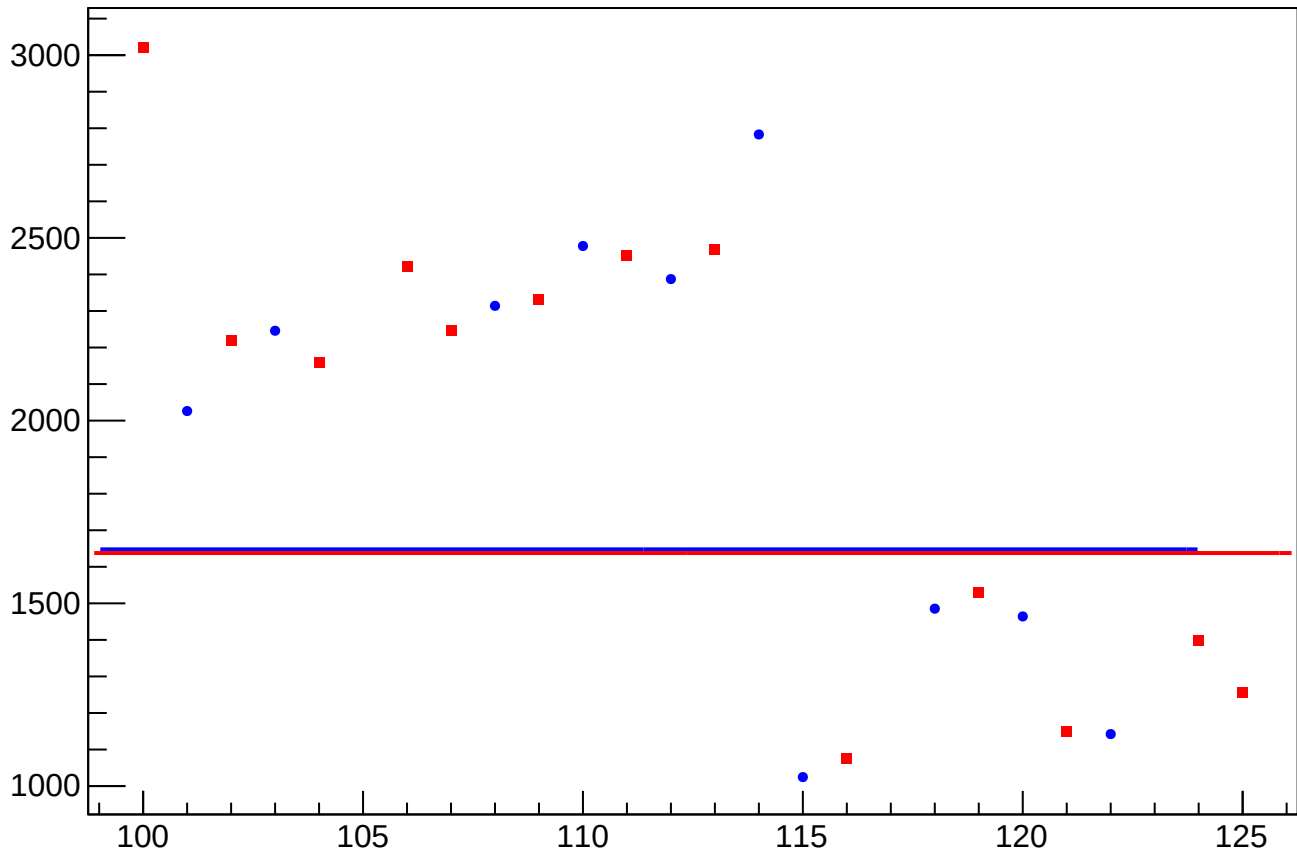
Right: 629.648+/-570.073 χ^2 /NDF: 18.8/22

In: -517.268+/-852.692 χ^2 /NDF:6.9/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 629.648+/-570.073 χ^2 /NDF: 18.8/22

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: 1637.704+/-0.542 χ^2/NDF : 957896.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

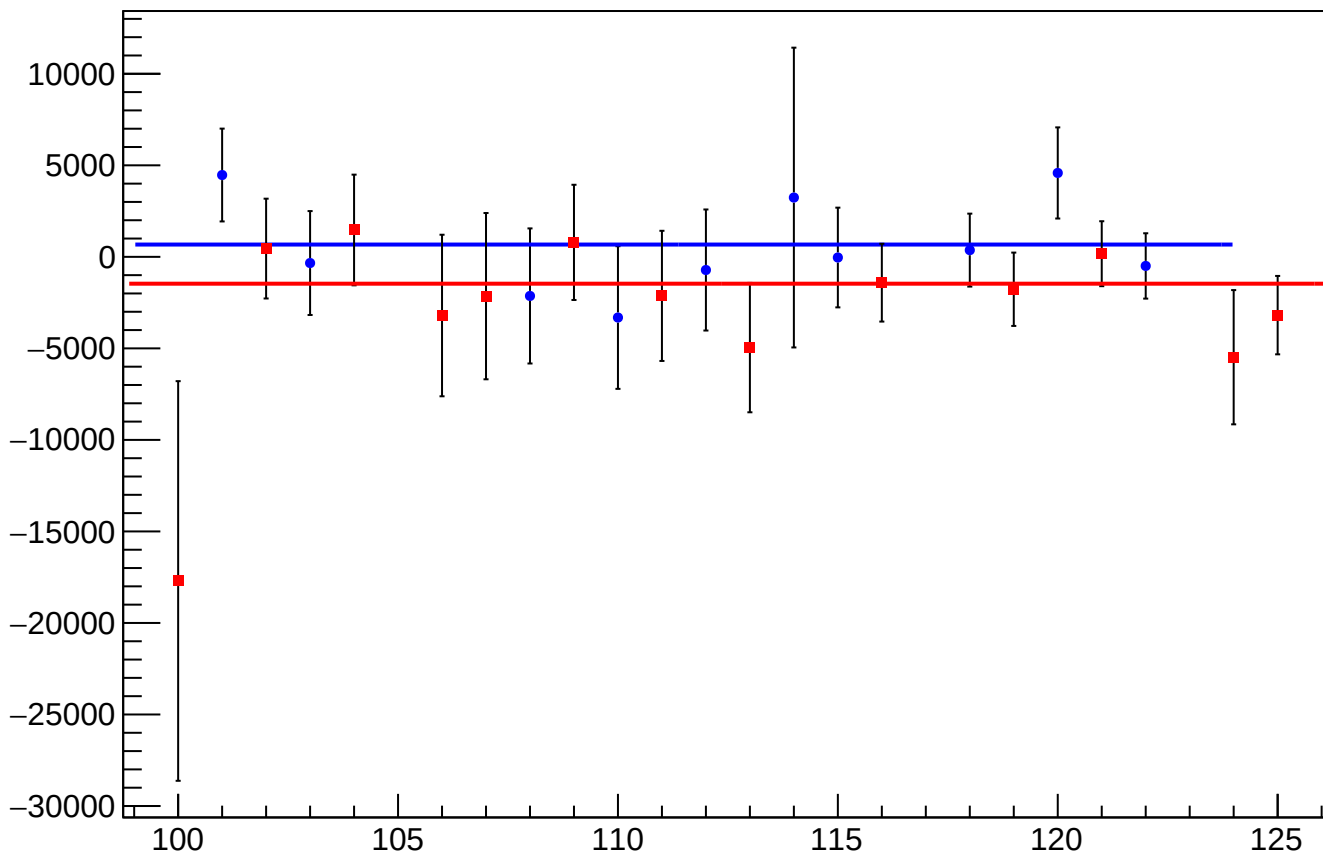
Right: 1642.165+/-0.403 χ^2/NDF : 1664226.8/22

In: 1647.683+/-0.603 χ^2/NDF : 706179.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1642.165+/-0.403 χ^2/NDF : 1664226.8/22

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: -1466.465+/-768.501 χ^2/NDF : 8.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

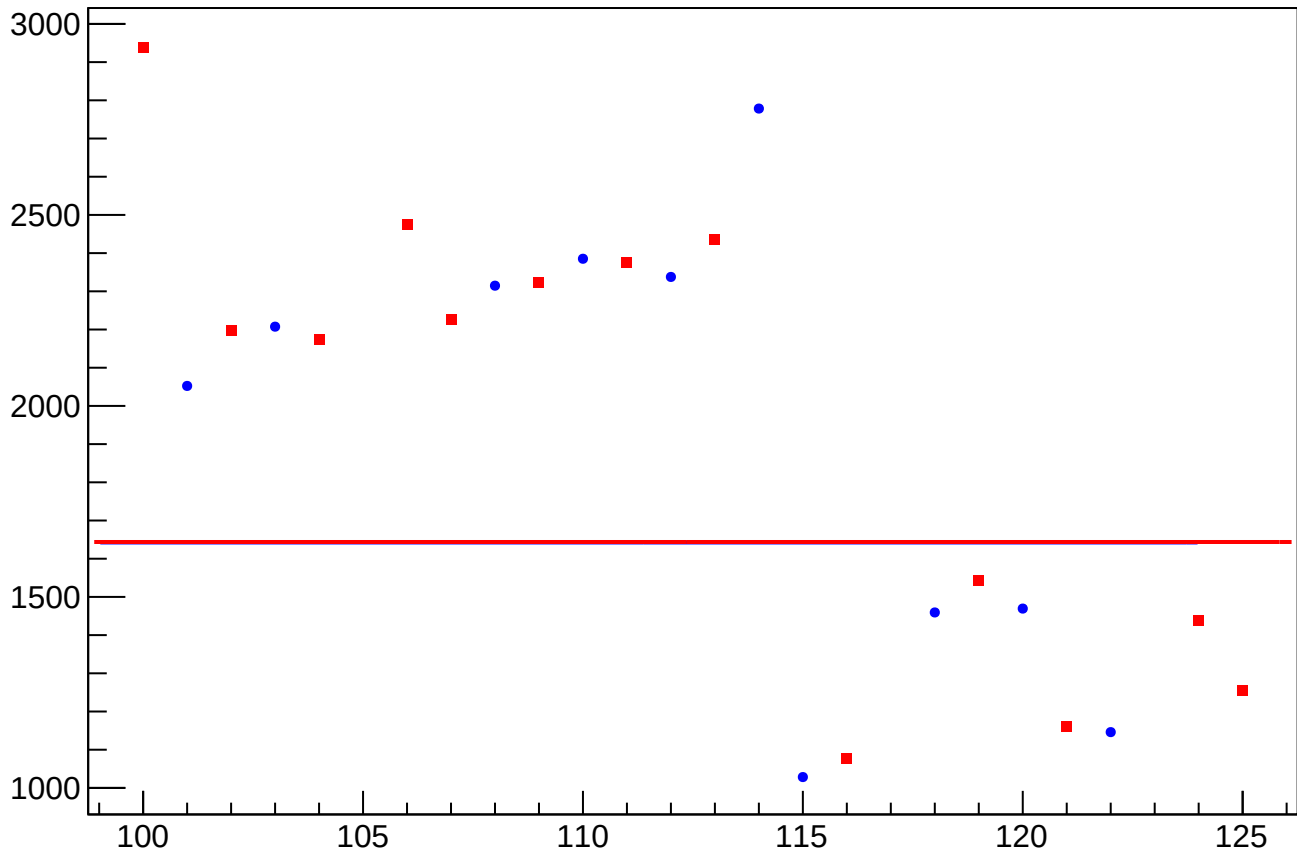
Right: -503.420+/-569.747 χ^2/NDF : 18.8/22

In: 671.906+/-848.985 χ^2/NDF : 7.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -503.420+/-569.747 χ^2/NDF : 18.8/22

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: 1643.778+/-0.543 χ^2/NDF : 920950.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

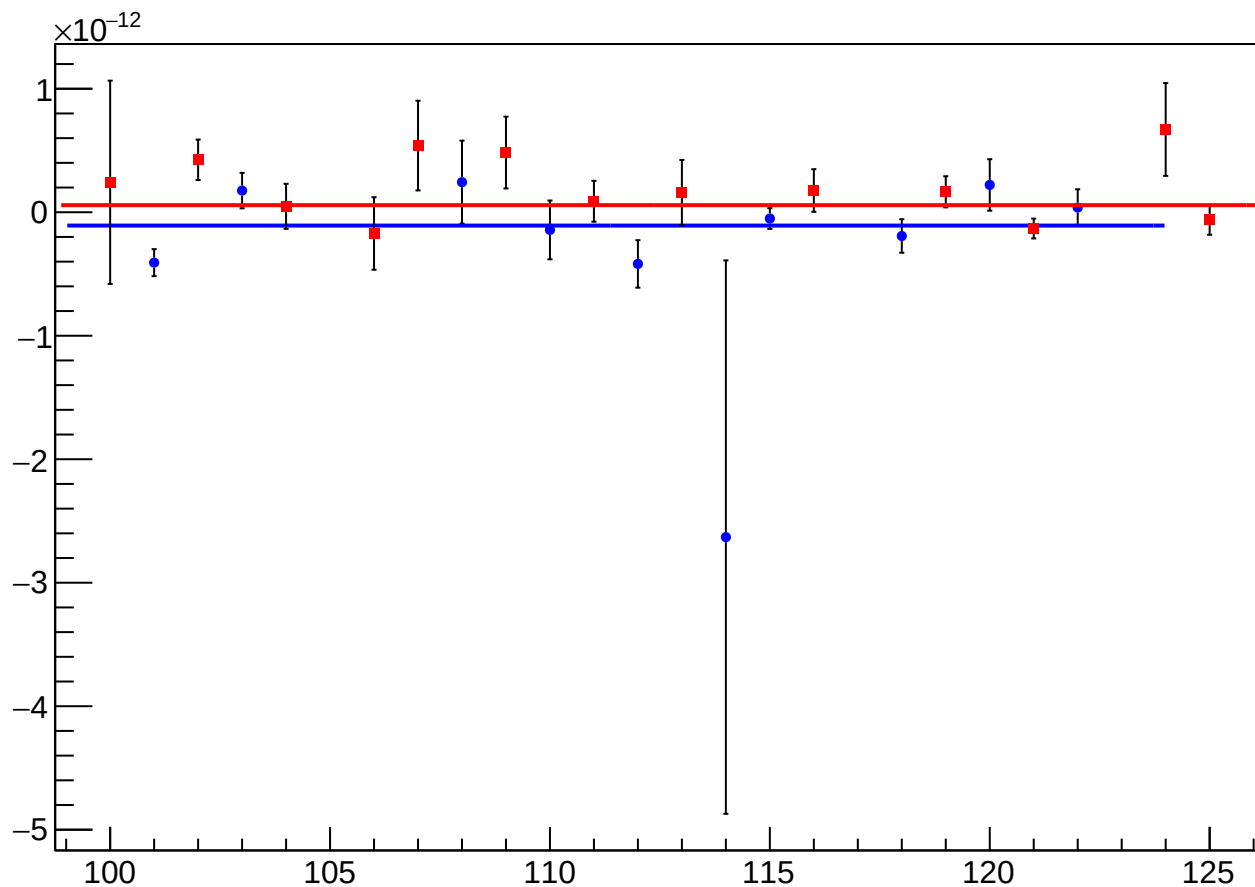
Right: 1643.226+/-0.403 χ^2/NDF : 1601390.3/22

In: 1642.552+/-0.600 χ^2/NDF : 680437.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1643.226+/-0.403 χ^2/NDF : 1601390.3/22

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 : 20.2/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

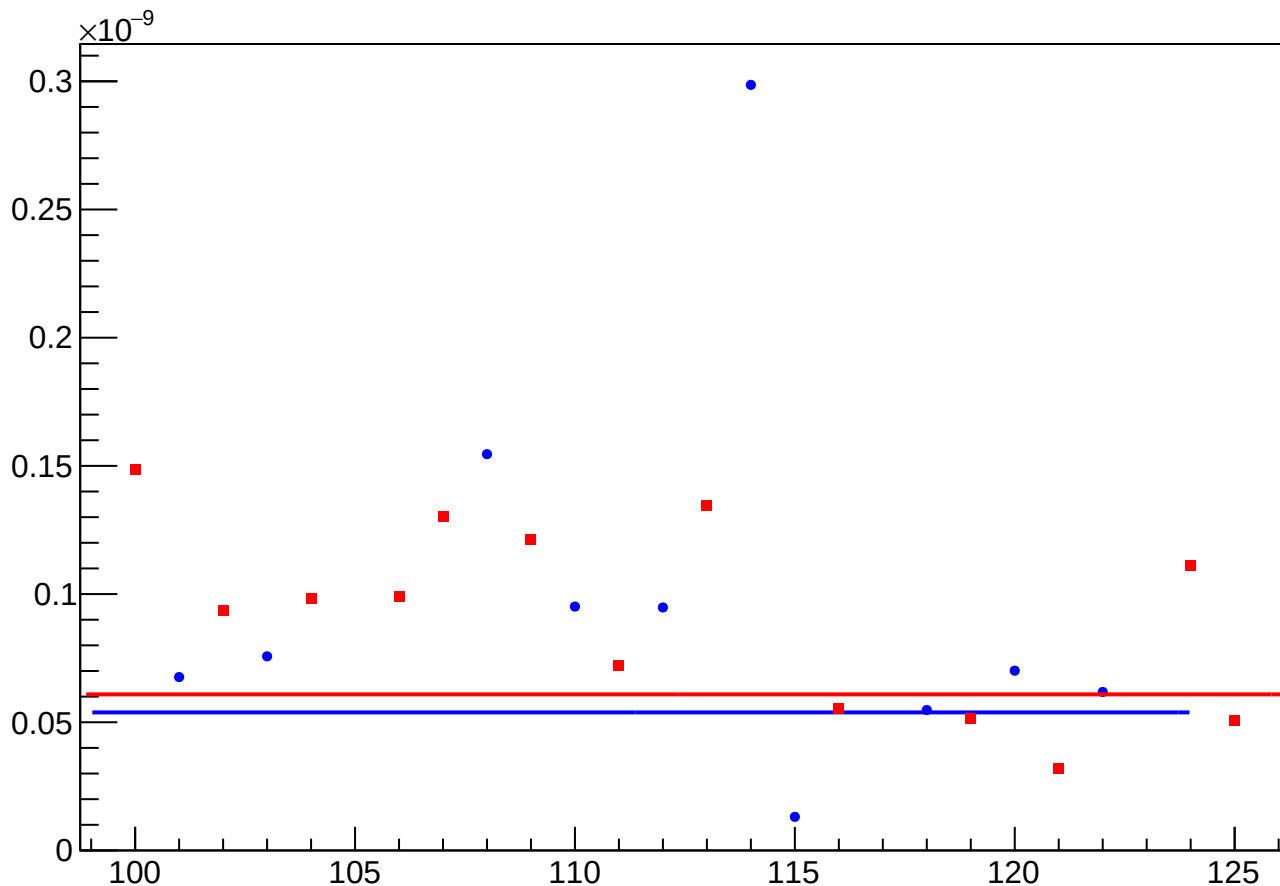
Right: -0.000 ± 0.000 χ^2/NDF : 47.3/22

In: -0.000 ± 0.000 χ^2/NDF : 20.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 47.3/22

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 : 867818.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

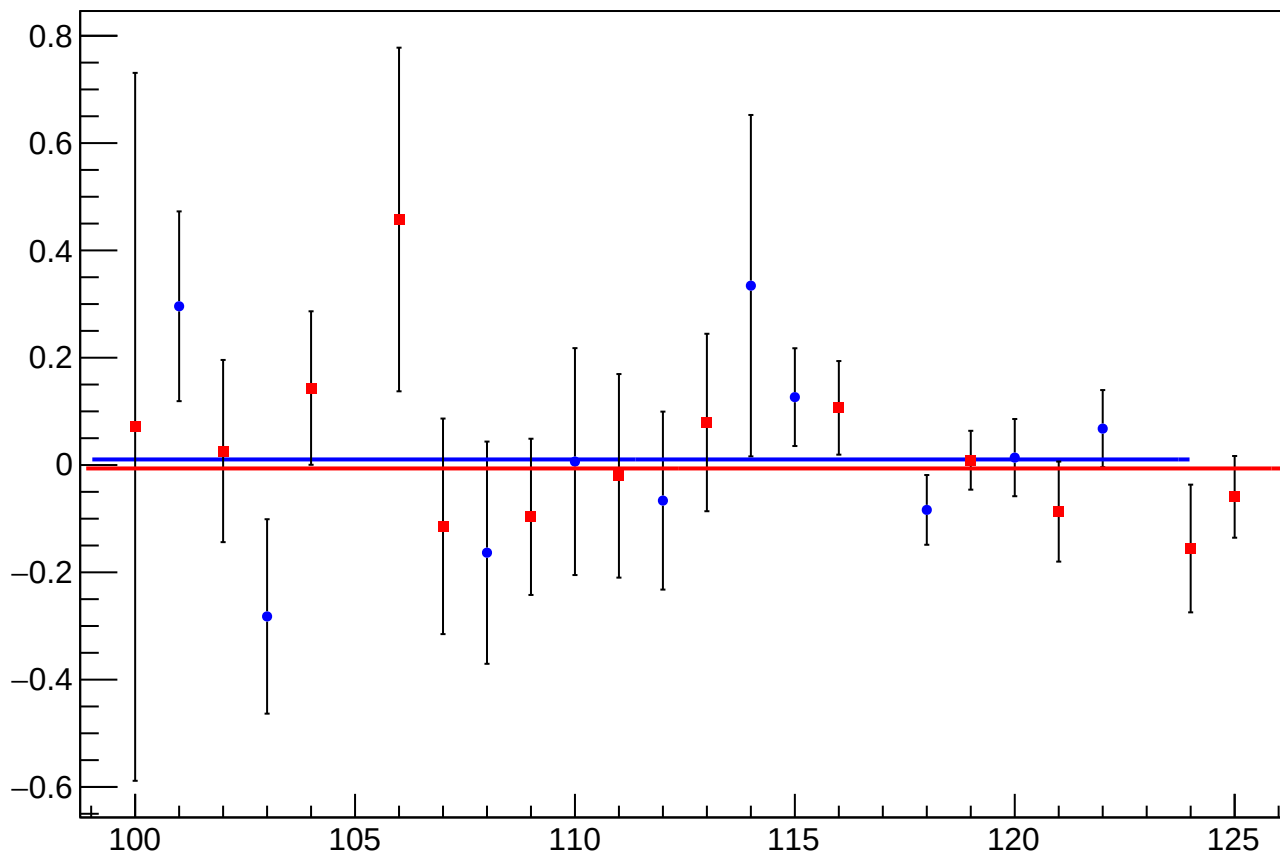
Right: 0.000+/-0.000 χ^2/NDF : 1812332.1/22

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 : 1812332.1/22

asym_sam_26_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.033 χ^2 /NDF: 11.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.006 $\pm$ 0.031 χ^2 /NDF: 8.7/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

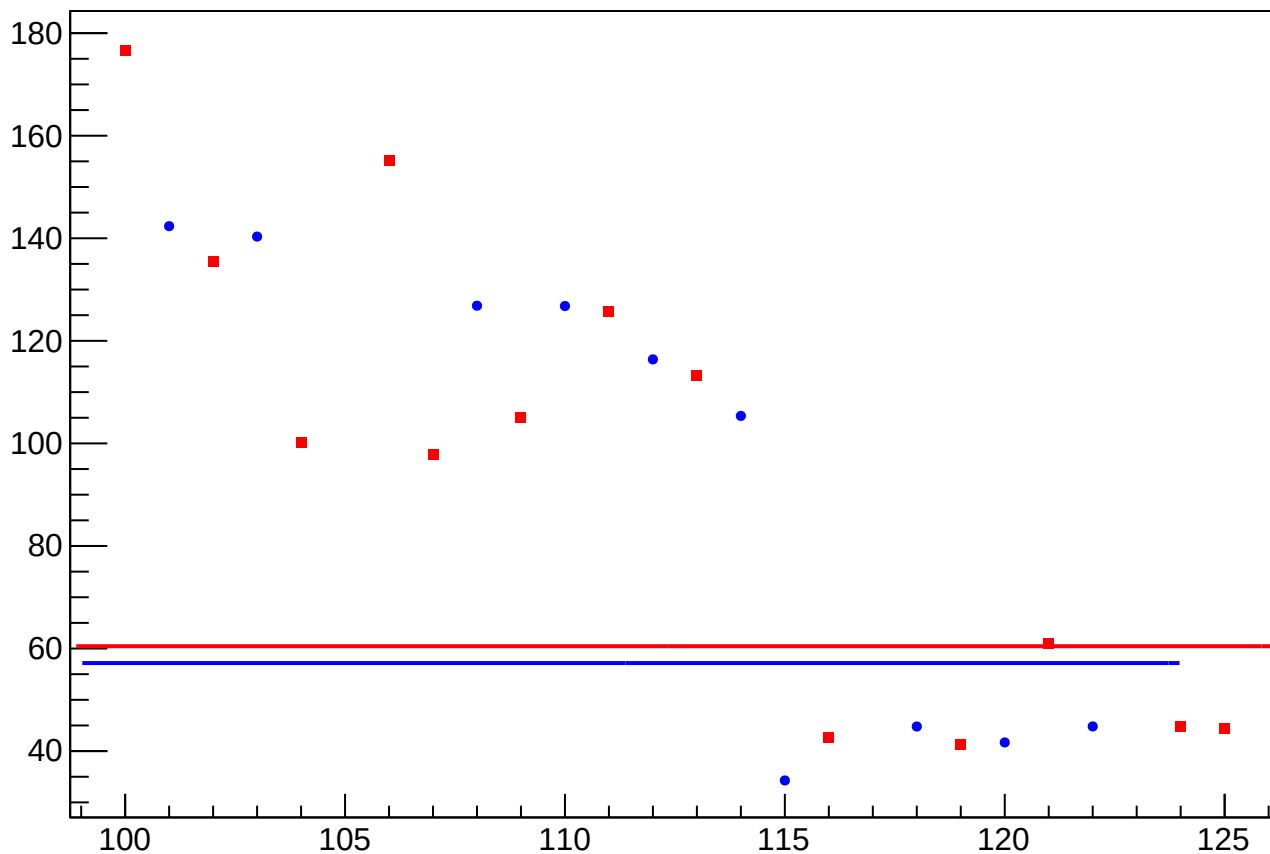
Right: 0.001 $\pm$ 0.023 χ^2 /NDF: 20.4/22

In: 0.010 $\pm$ 0.033 χ^2 /NDF:11.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.023 χ^2 /NDF: 20.4/22

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: 60.453+/-0.022 χ^2/NDF : 1930080.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

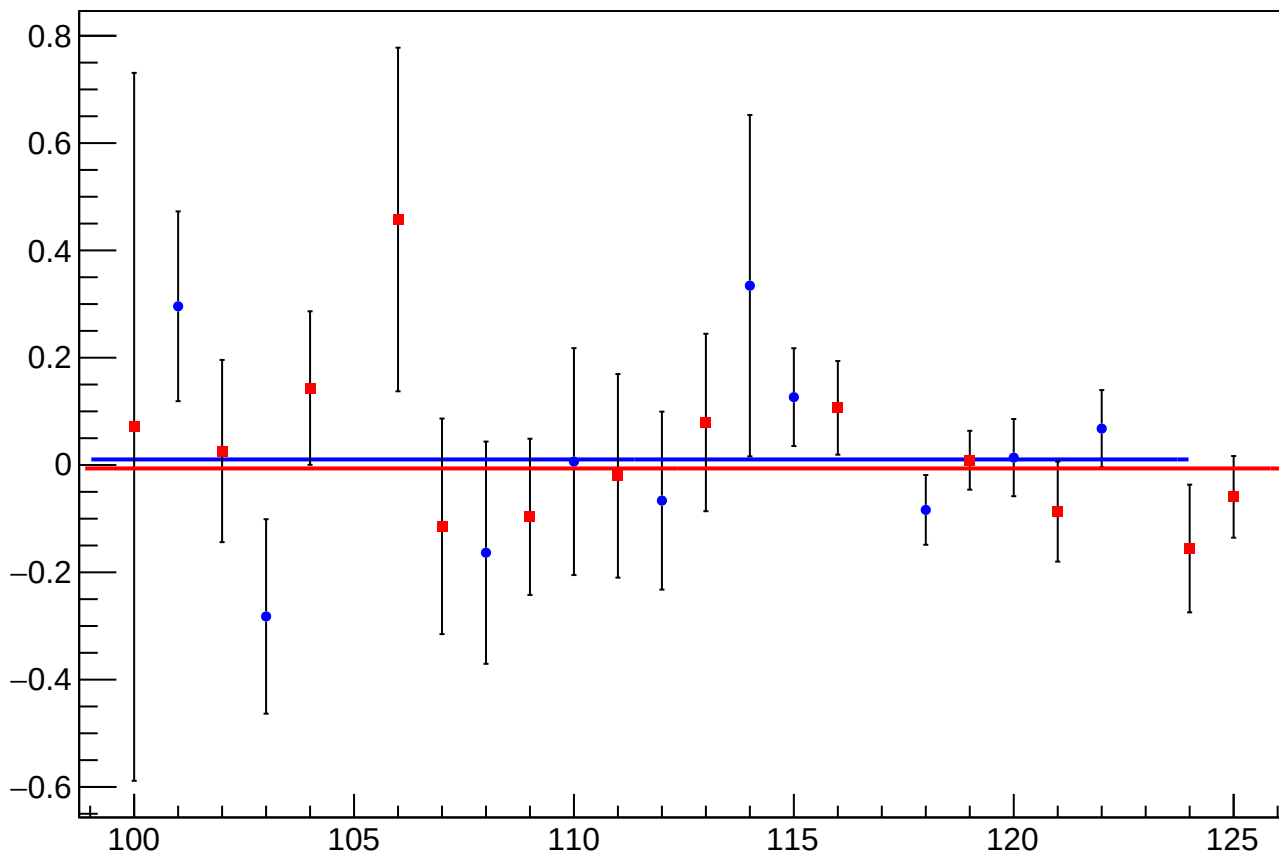
Right: 58.941+/-0.016 χ^2/NDF : 3920699.1/22

In: 57.166+/-0.024 χ^2/NDF : 1980140.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.941+/-0.016 χ^2/NDF : 3920699.1/22

asym_sam_26_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.033 χ^2 /NDF: 11.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.006 $\pm$ 0.031 χ^2 /NDF: 8.7/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

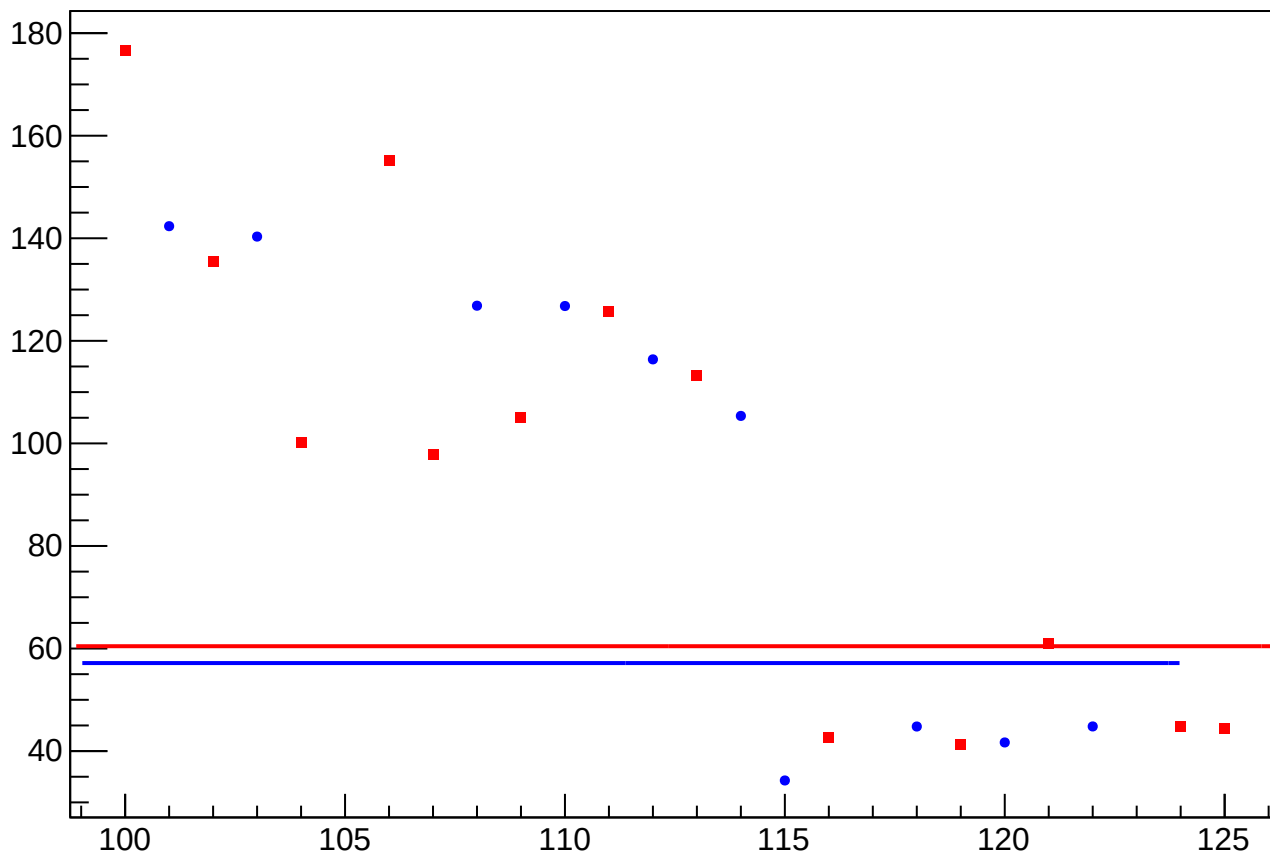
Right: 0.001 $\pm$ 0.023 χ^2 /NDF: 20.4/22

In: 0.010 $\pm$ 0.033 χ^2 /NDF:11.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.023 χ^2 /NDF: 20.4/22

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: 60.453+/-0.022 χ^2/NDF : 1930080.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

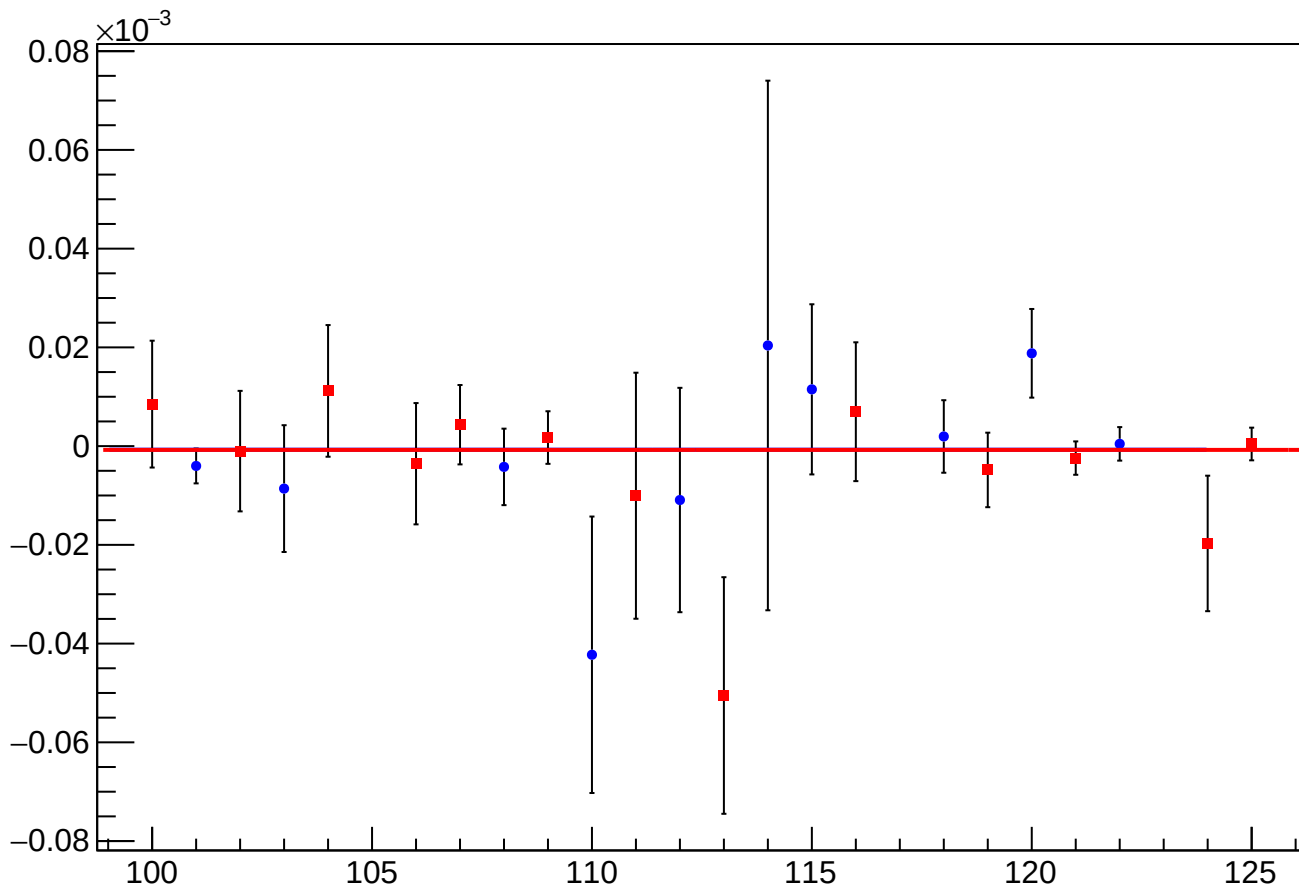
Right: 58.941+/-0.016 χ^2/NDF : 3920699.1/22

In: 57.166+/-0.024 χ^2/NDF : 1980140.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.941+/-0.016 χ^2/NDF : 3920699.1/22

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 : 9.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

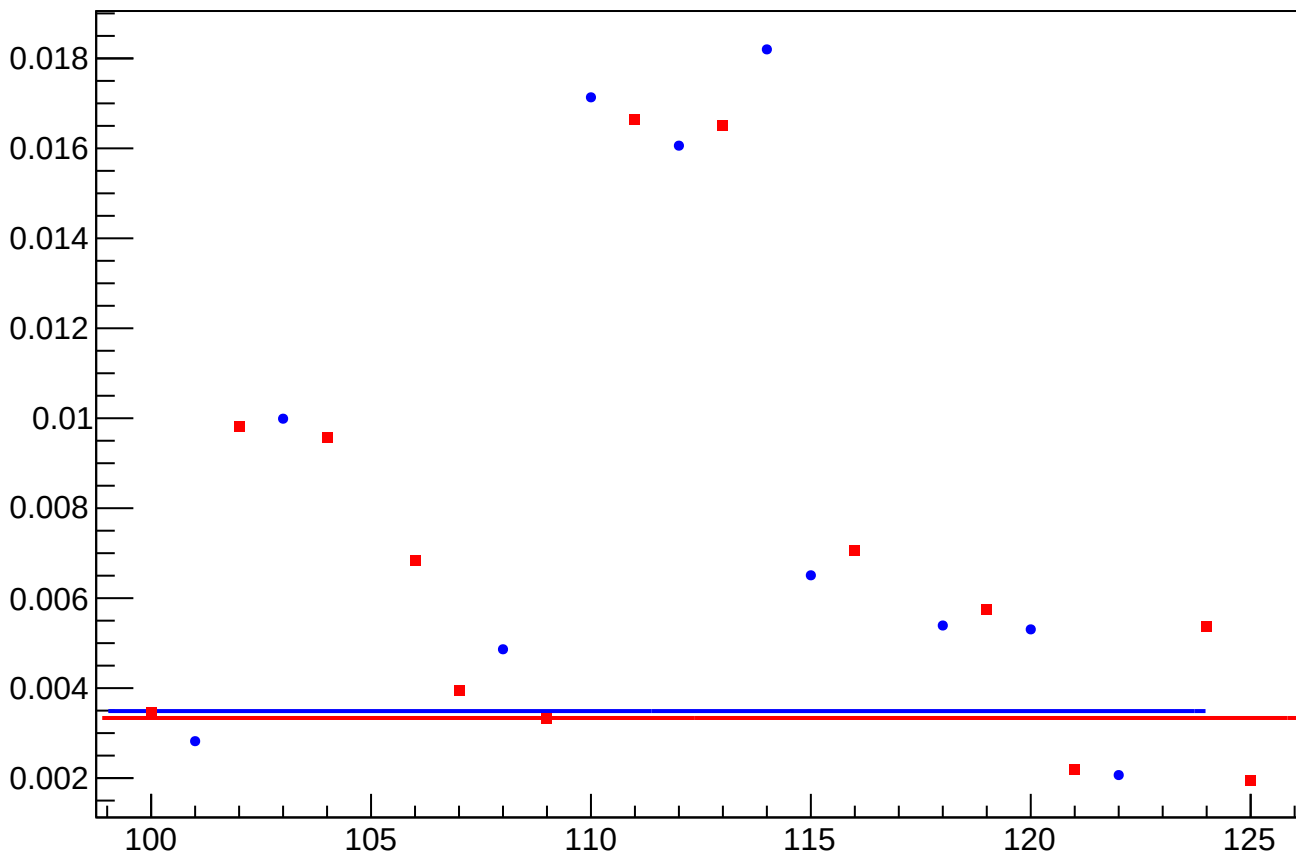
Right: -0.000+/-0.000 χ^2/NDF : 18.8/22

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 : 18.8/22

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: 0.003+/-0.000 χ^2/NDF : 3326000.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

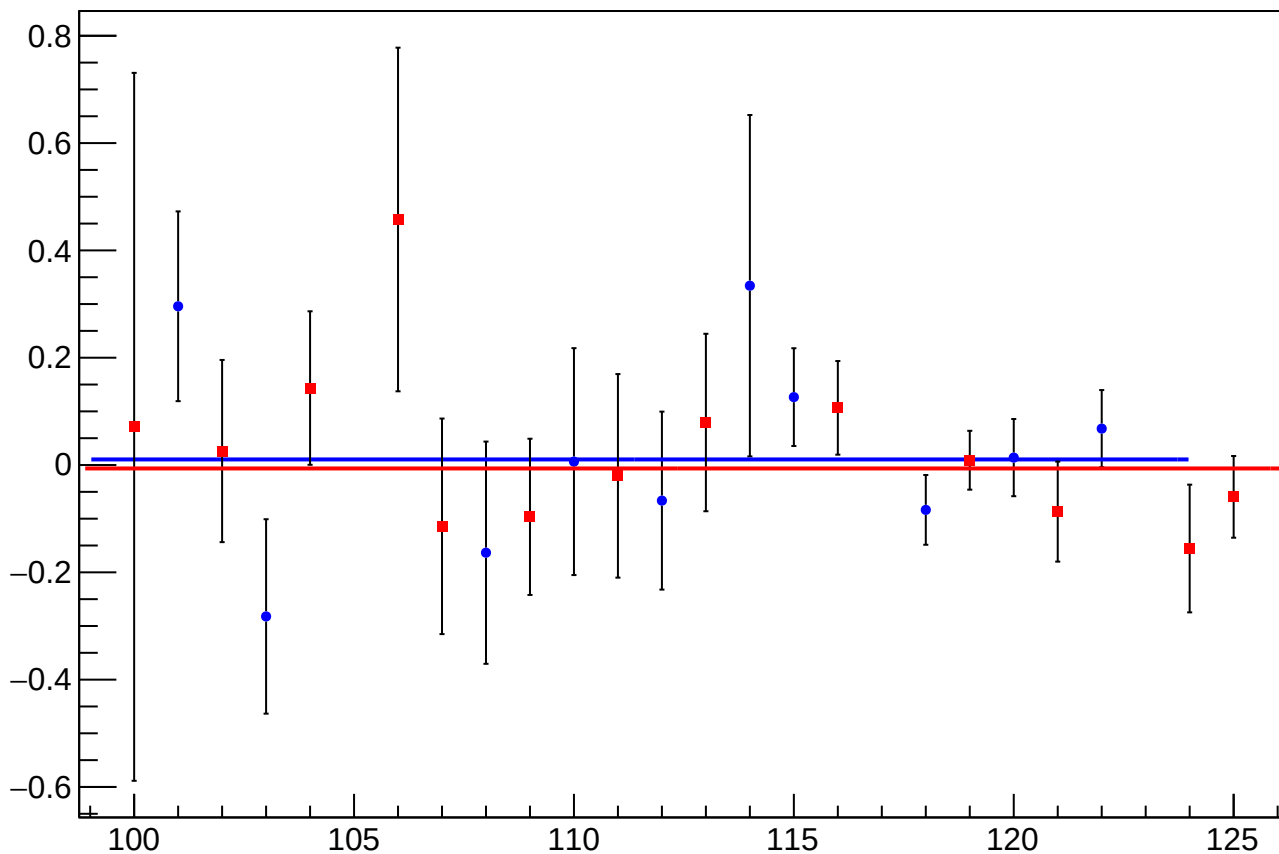
Right: 0.003+/-0.000 χ^2/NDF : 5845088.4/22

In: 0.003+/-0.000 χ^2/NDF :2513095.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 5845088.4/22

asym_sam_26_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.033 χ^2 /NDF: 11.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.006 $\pm$ 0.031 χ^2 /NDF: 8.7/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

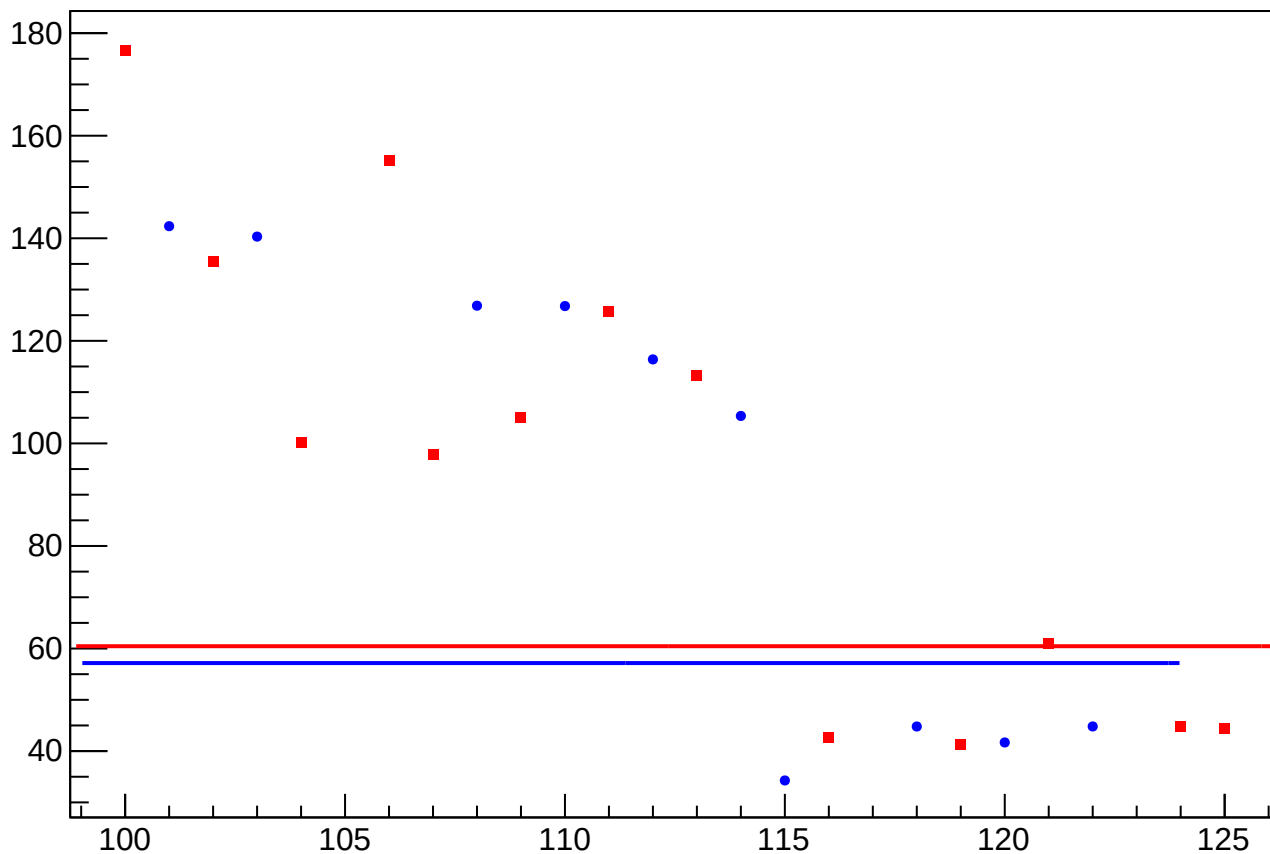
Right: 0.001 $\pm$ 0.023 χ^2 /NDF: 20.4/22

In: 0.010 $\pm$ 0.033 χ^2 /NDF:11.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.023 χ^2 /NDF: 20.4/22

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: 60.453+/-0.022 χ^2/NDF : 1929979.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

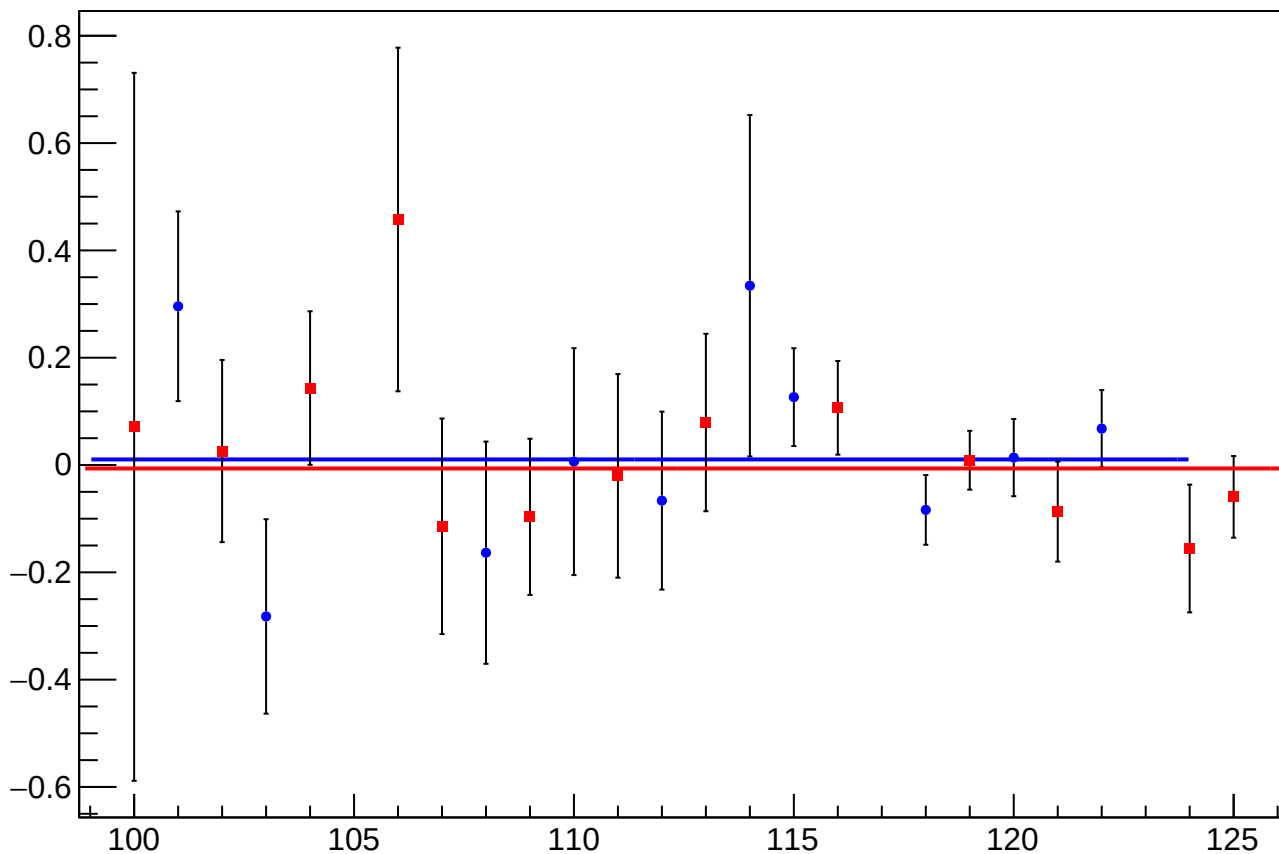
Right: 58.941+/-0.016 χ^2/NDF : 3920486.4/22

In: 57.167+/-0.024 χ^2/NDF : 1980033.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.941+/-0.016 χ^2/NDF : 3920486.4/22

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.033 χ^2 /NDF: 11.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.006 $\pm$ 0.031 χ^2 /NDF: 8.7/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

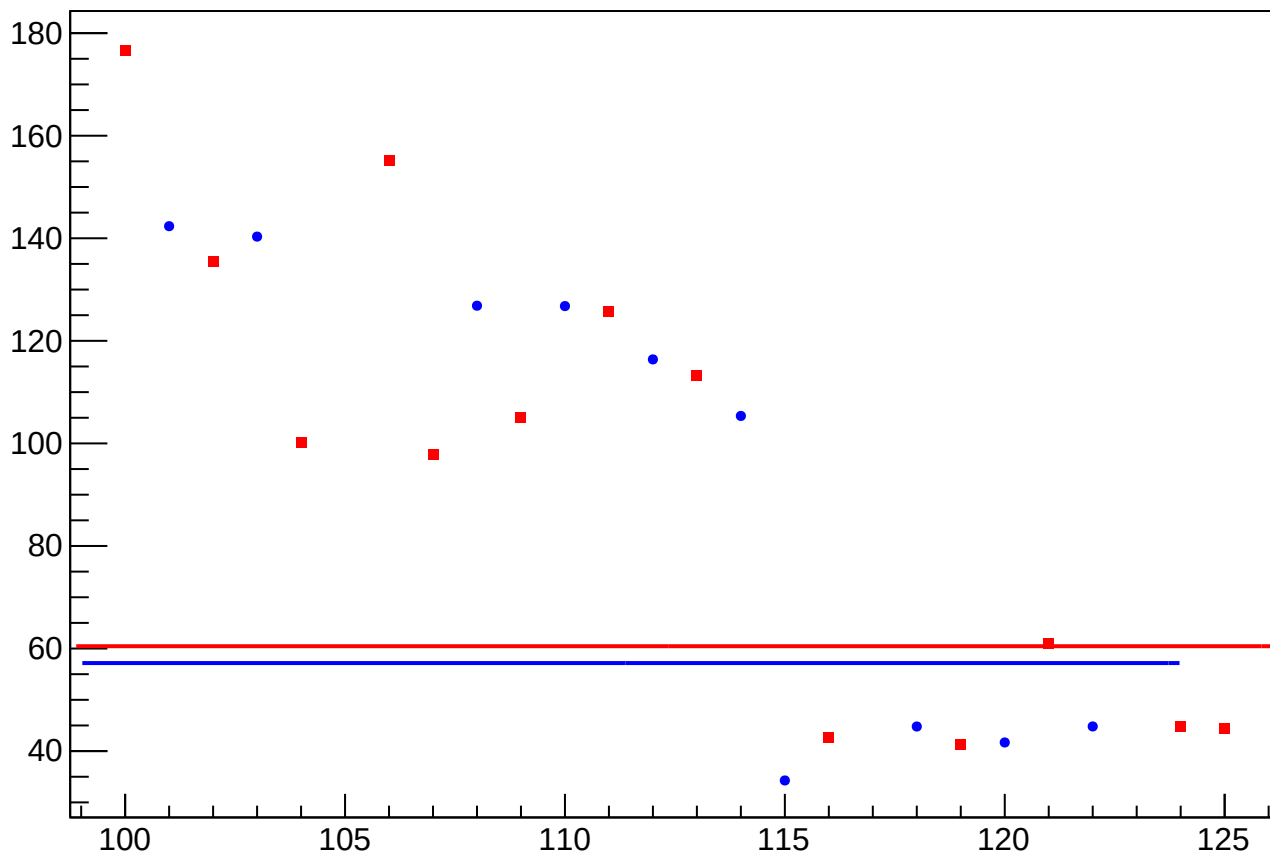
Right: 0.001 $\pm$ 0.023 χ^2 /NDF: 20.4/22

In: 0.010 $\pm$ 0.033 χ^2 /NDF:11.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.023 χ^2 /NDF: 20.4/22

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: 60.453+/-0.022 χ^2/NDF : 1929979.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

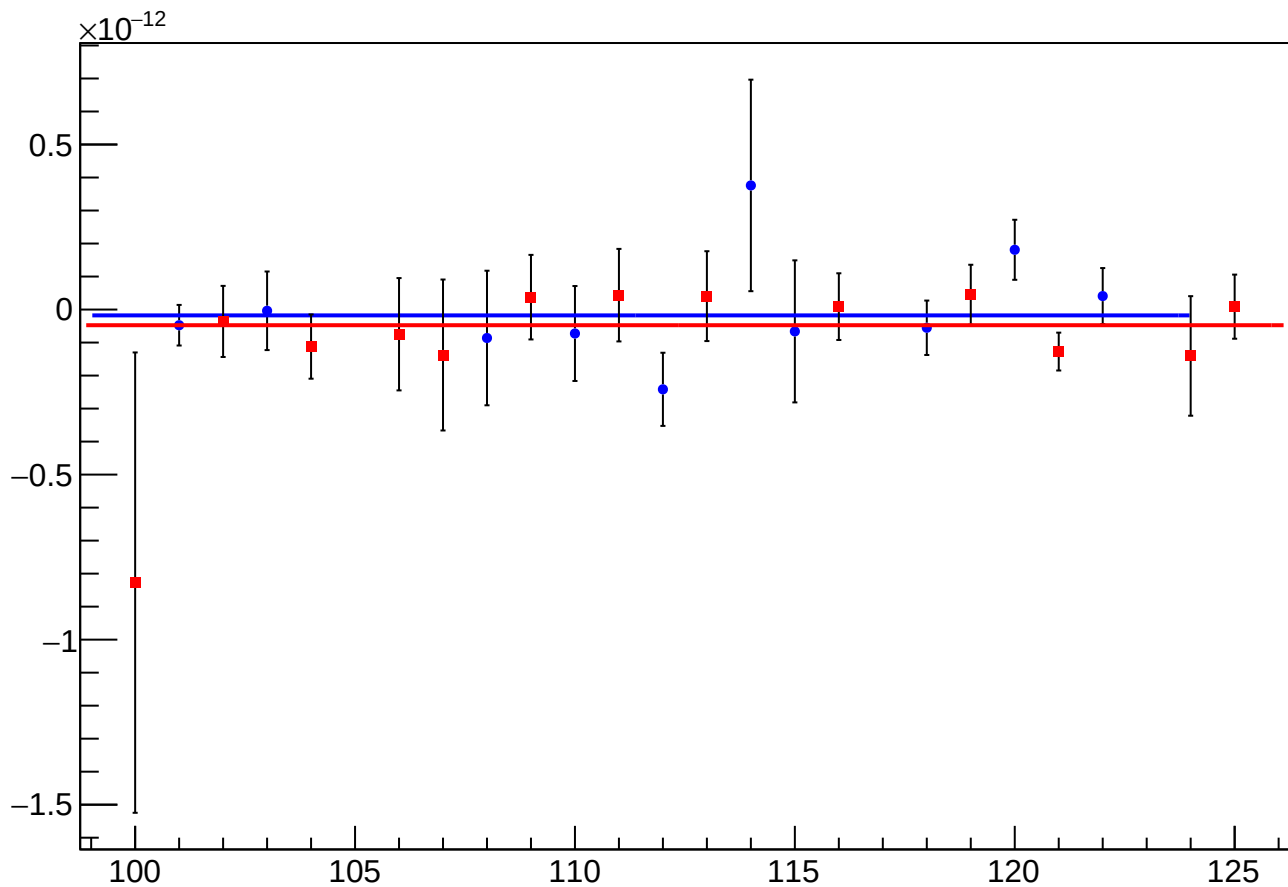
Right: 58.941+/-0.016 χ^2/NDF : 3920486.4/22

In: 57.167+/-0.024 χ^2/NDF : 1980033.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.941+/-0.016 χ^2/NDF : 3920486.4/22

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 : 7.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

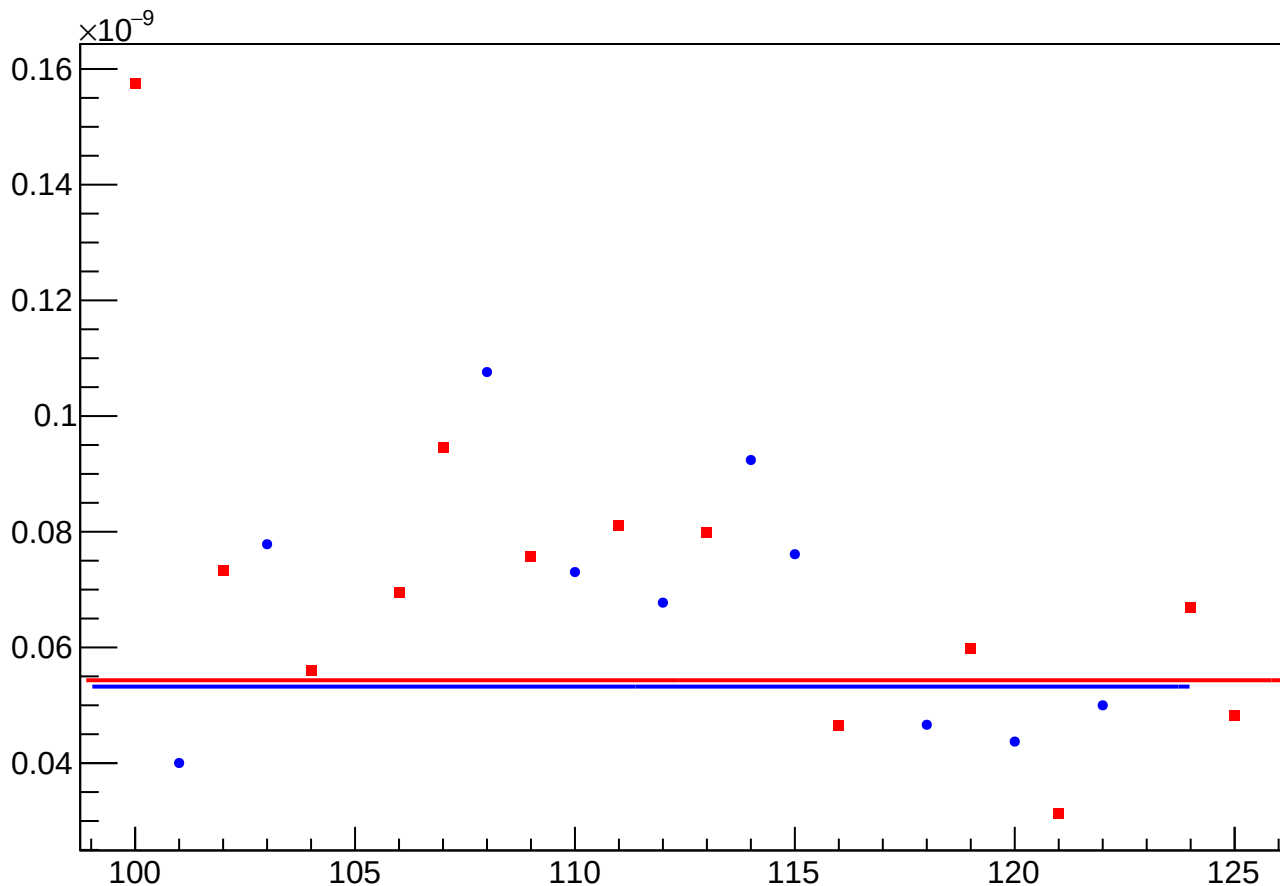
Right: -0.000+/-0.000 χ^2/NDF : 19.1/22

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 : 19.1/22

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 : 742546.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

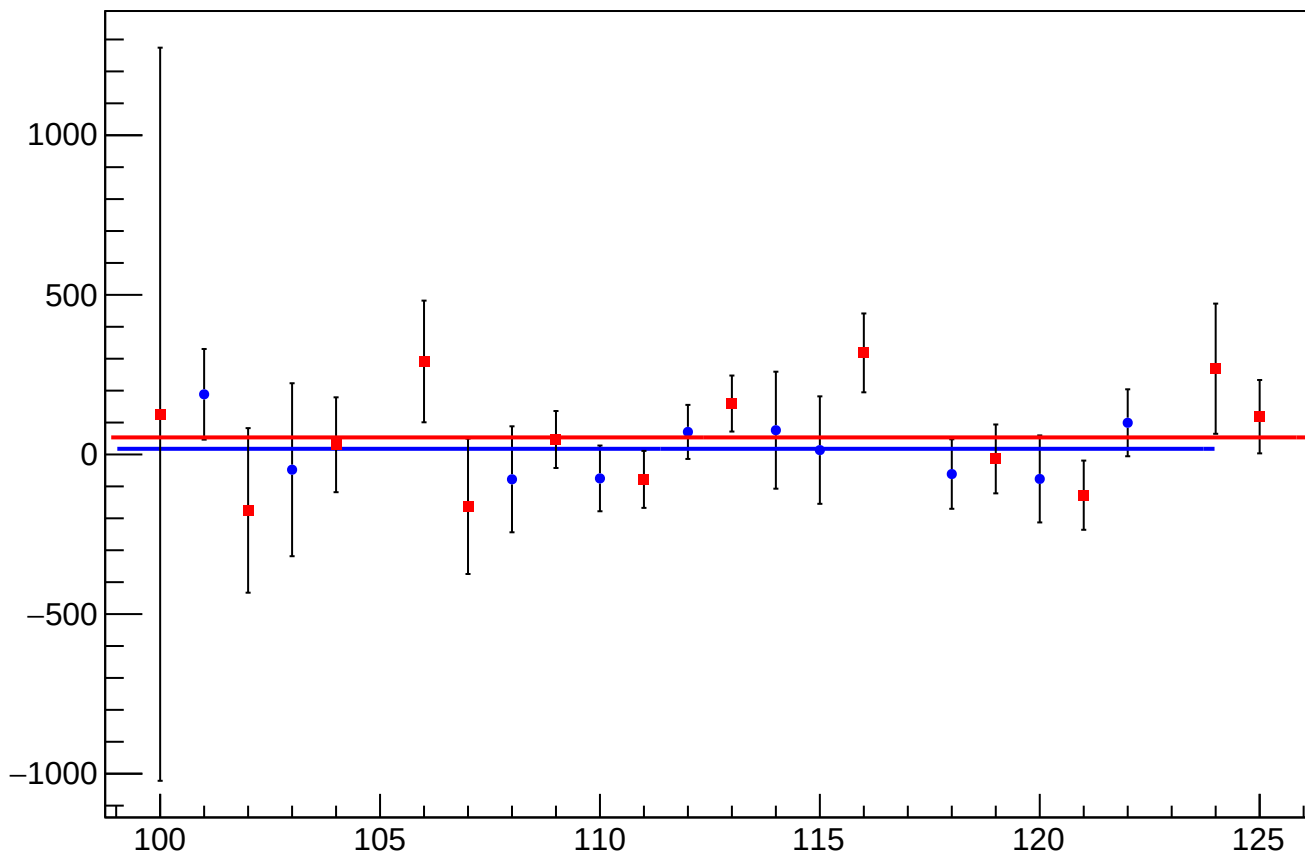
Right: 0.000+/-0.000 χ^2/NDF : 1226028.3/22

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 : 1226028.3/22

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: 53.481 $\pm$ 34.746 χ^2 /NDF: 16.3/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

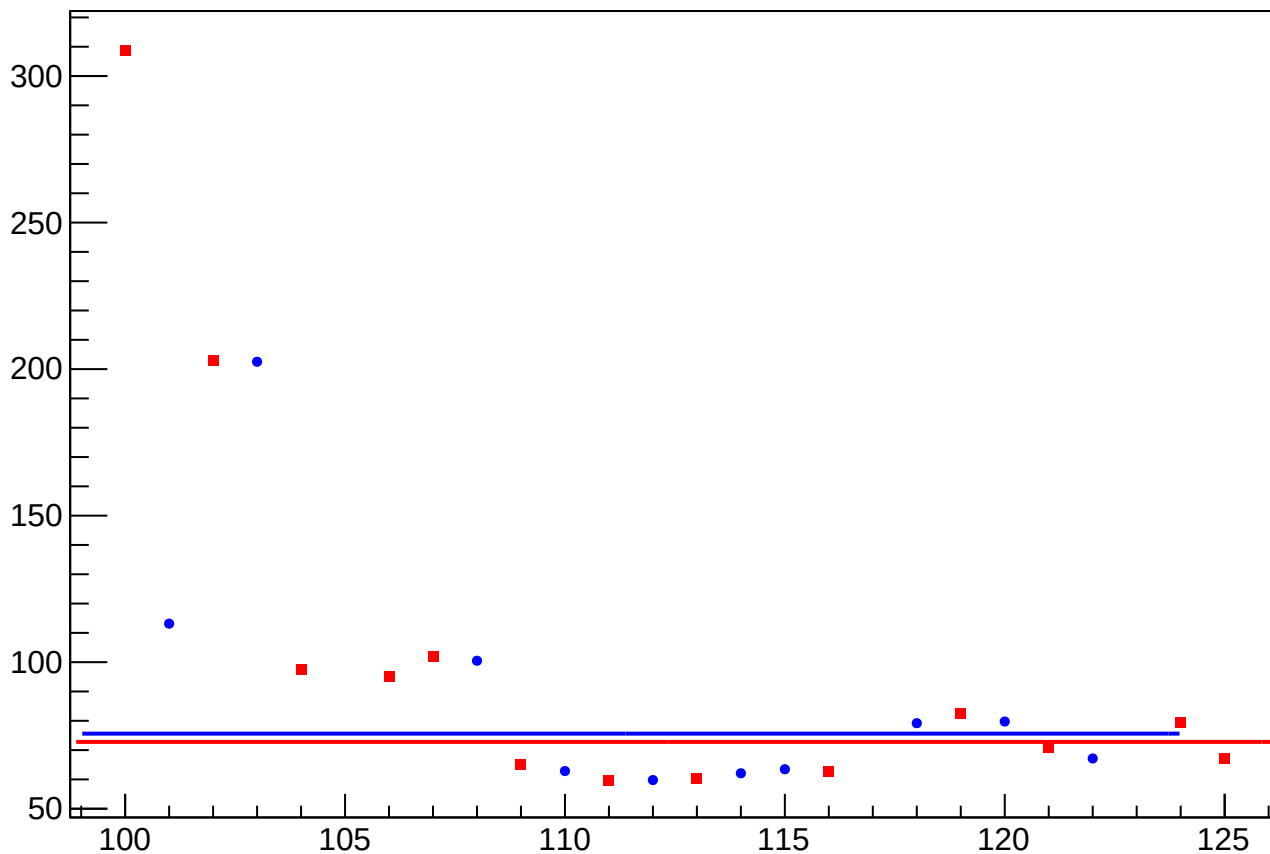
Right: 38.077 $\pm$ 26.208 χ^2 /NDF: 21.5/22

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: 38.077 $\pm$ 26.208 χ^2 /NDF: 21.5/22

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: 72.799+/-0.025 χ^2/NDF : 848785.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

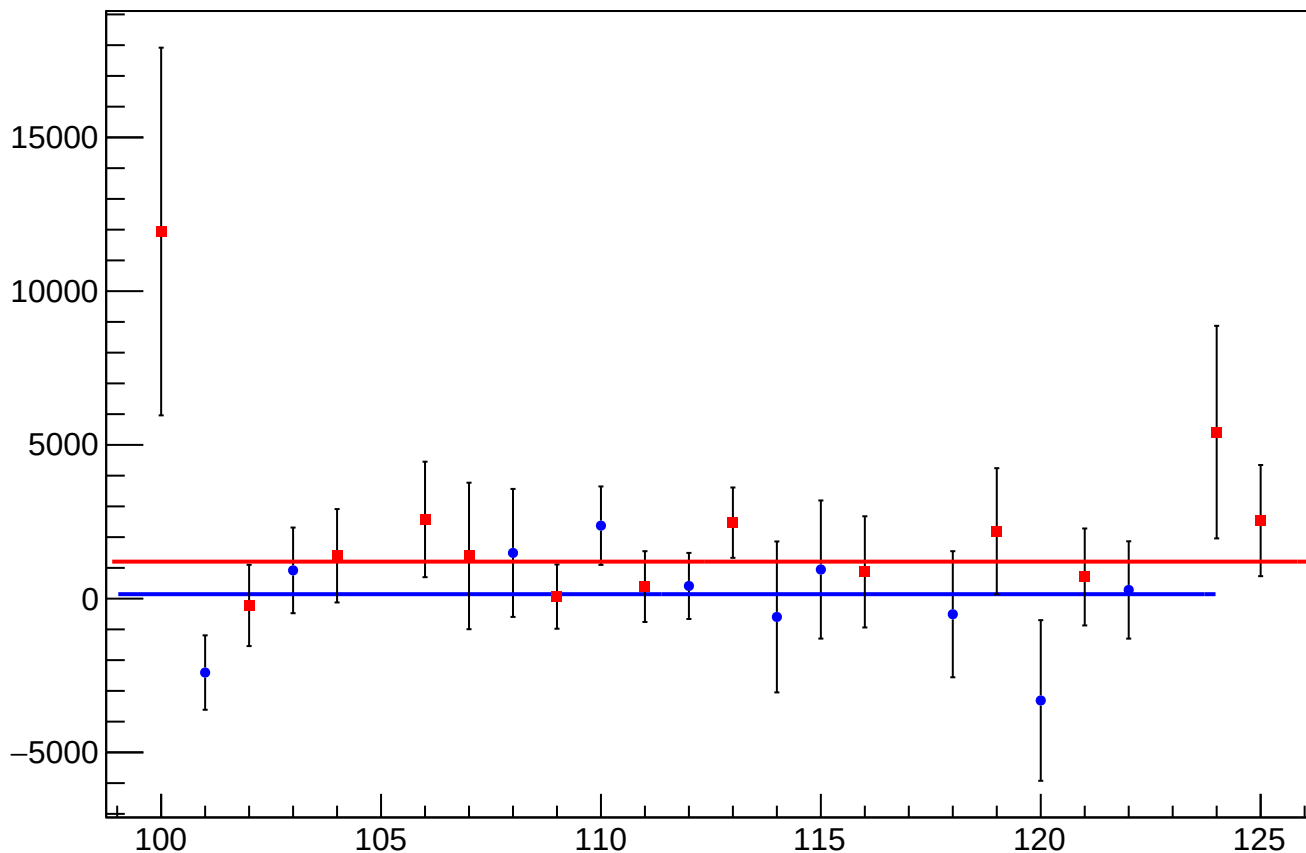
Right: 74.016+/-0.019 χ^2/NDF : 1616975.5/22

In: 75.622+/-0.028 χ^2/NDF : 762500.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.016+/-0.019 χ^2/NDF : 1616975.5/22

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: 1203.562+/-435.866 χ^2/NDF : 10.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

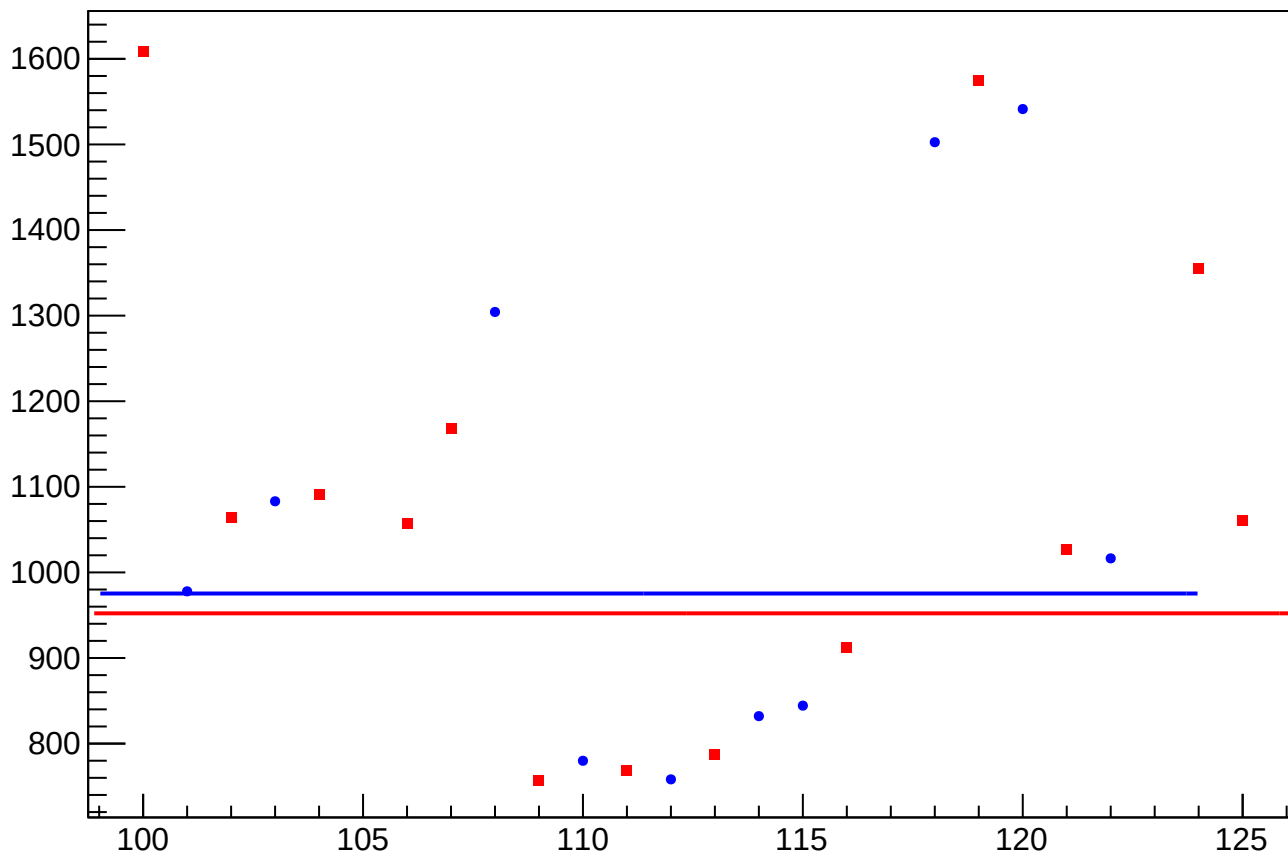
Right: 742.697+/-327.531 χ^2/NDF : 23.2/22

In: 144.894+/-496.416 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 742.697+/-327.531 χ^2/NDF : 23.2/22

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: 952.191+/-0.308 χ^2/NDF : 464274.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

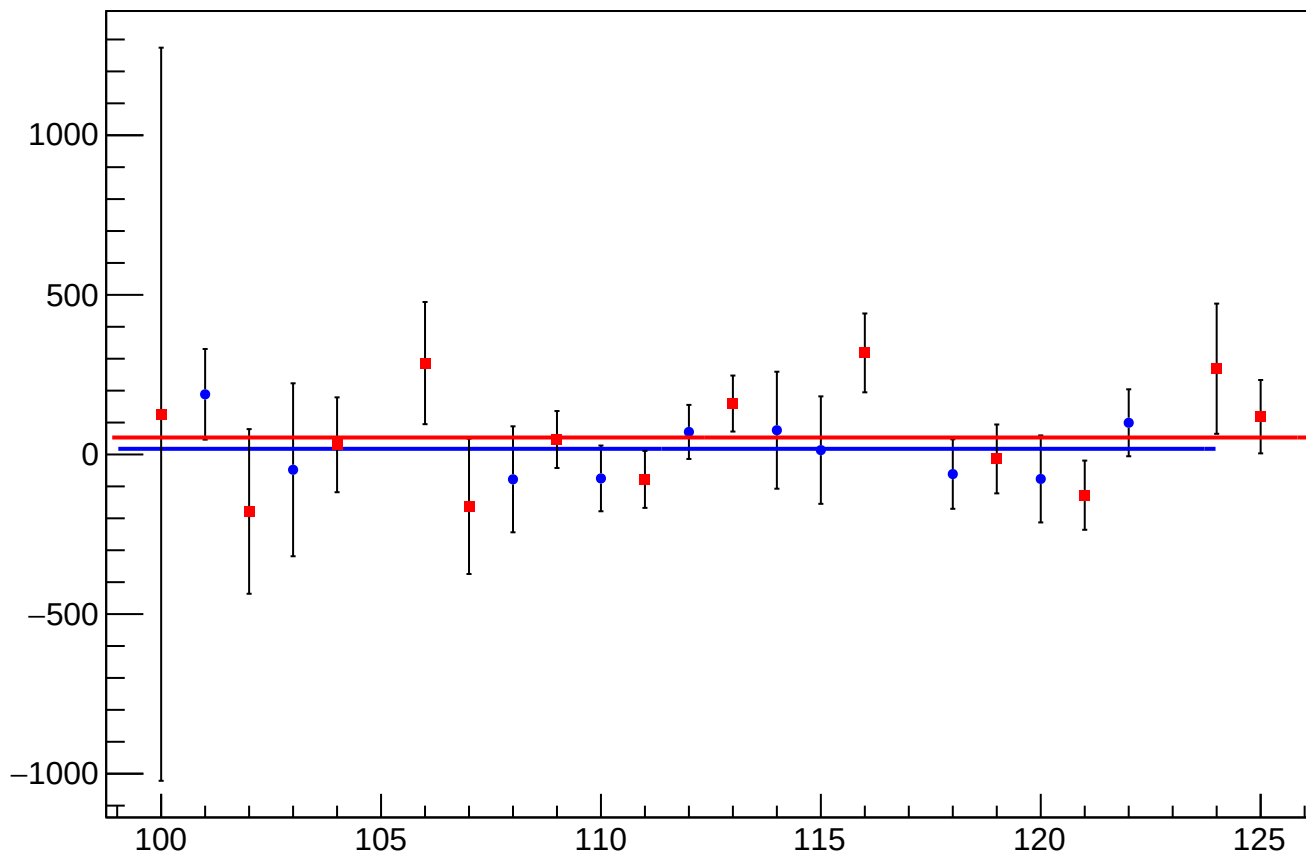
Right: 962.269+/-0.232 χ^2/NDF : 898462.4/22

In: 975.342+/-0.351 χ^2/NDF : 431731.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 962.269+/-0.232 χ^2/NDF : 898462.4/22

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: 53.184+/-34.751 χ^2/NDF : 16.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

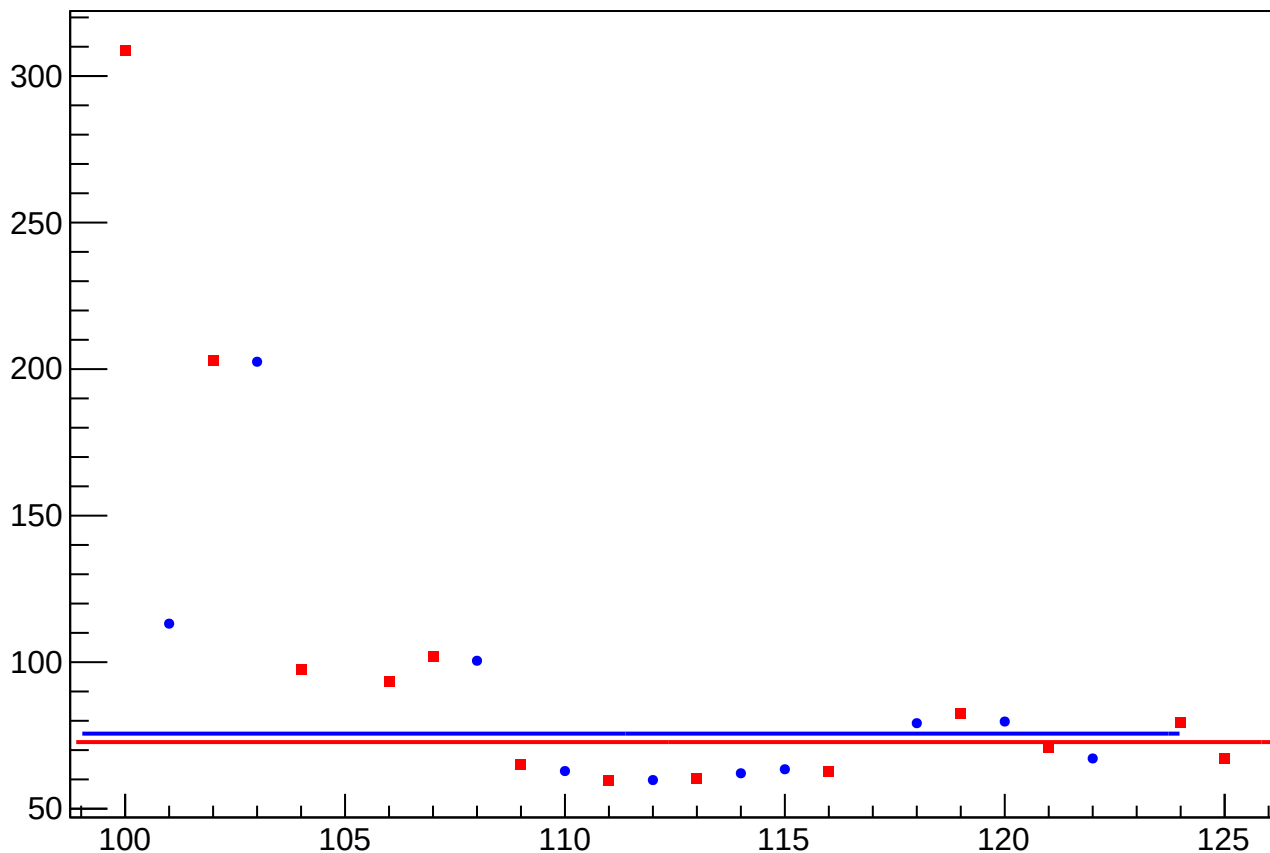
Right: 37.900+/-26.211 χ^2/NDF : 21.4/22

In: 17.734+/-39.918 χ^2/NDF : 4.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.900+/-26.211 χ^2/NDF : 21.4/22

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: 72.737+/-0.025 χ^2/NDF : 844787.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

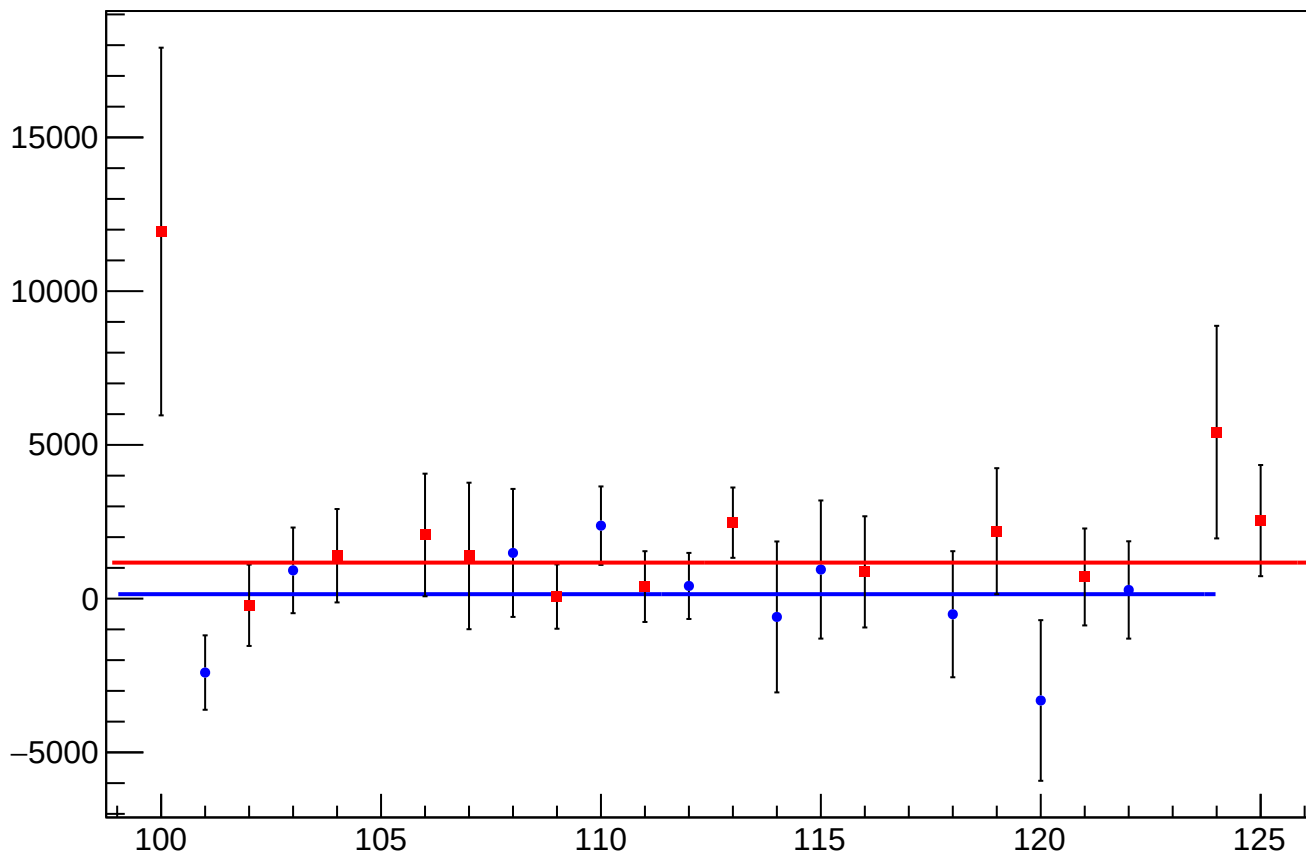
Right: 73.981+/-0.019 χ^2/NDF : 1613234.7/22

In: 75.622+/-0.028 χ^2/NDF : 762502.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.981+/-0.019 χ^2/NDF : 1613234.7/22

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: 1171.854+/-437.238 χ^2/NDF : 9.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

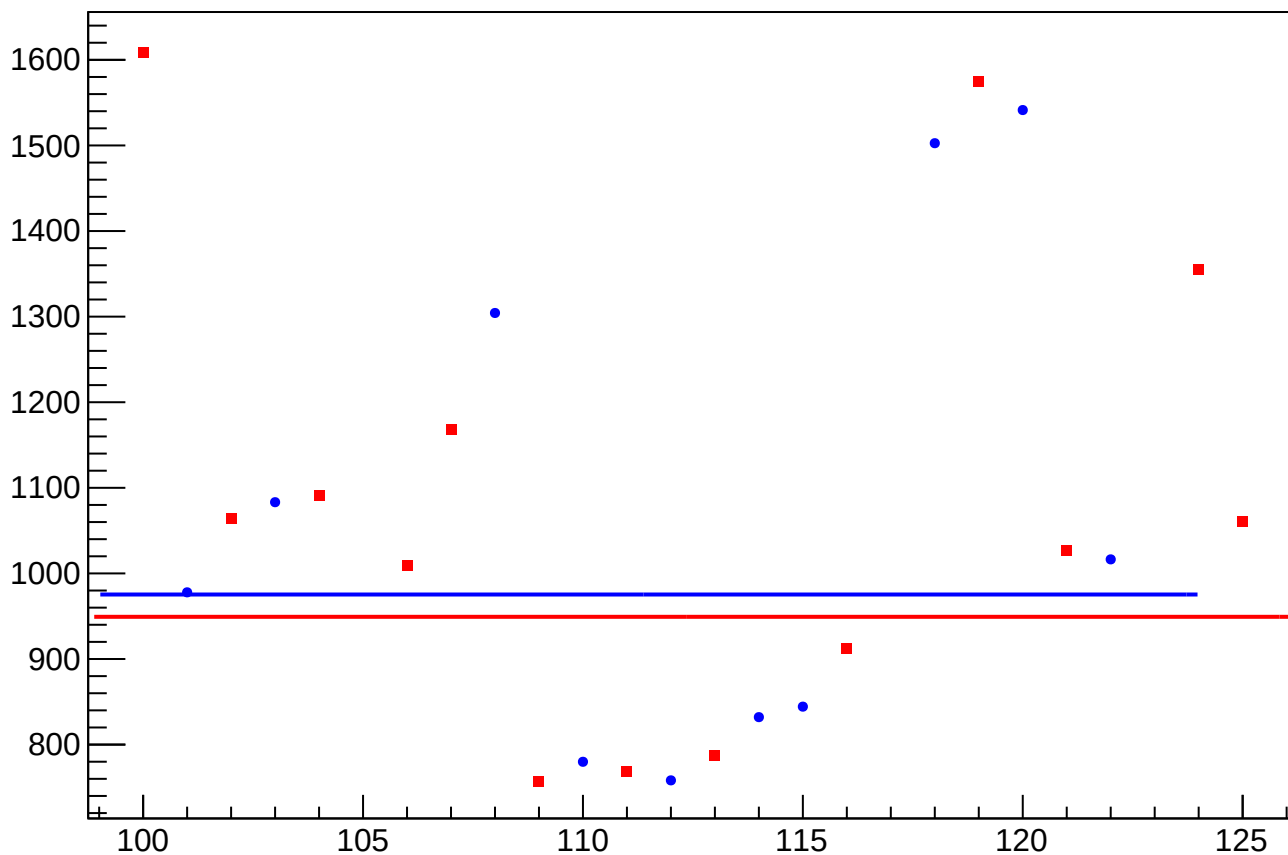
Right: 723.226+/-328.114 χ^2/NDF : 22.6/22

In: 144.927+/-496.422 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 723.226+/-328.114 χ^2/NDF : 22.6/22

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: 949.296+/-0.309 χ^2/NDF : 459726.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

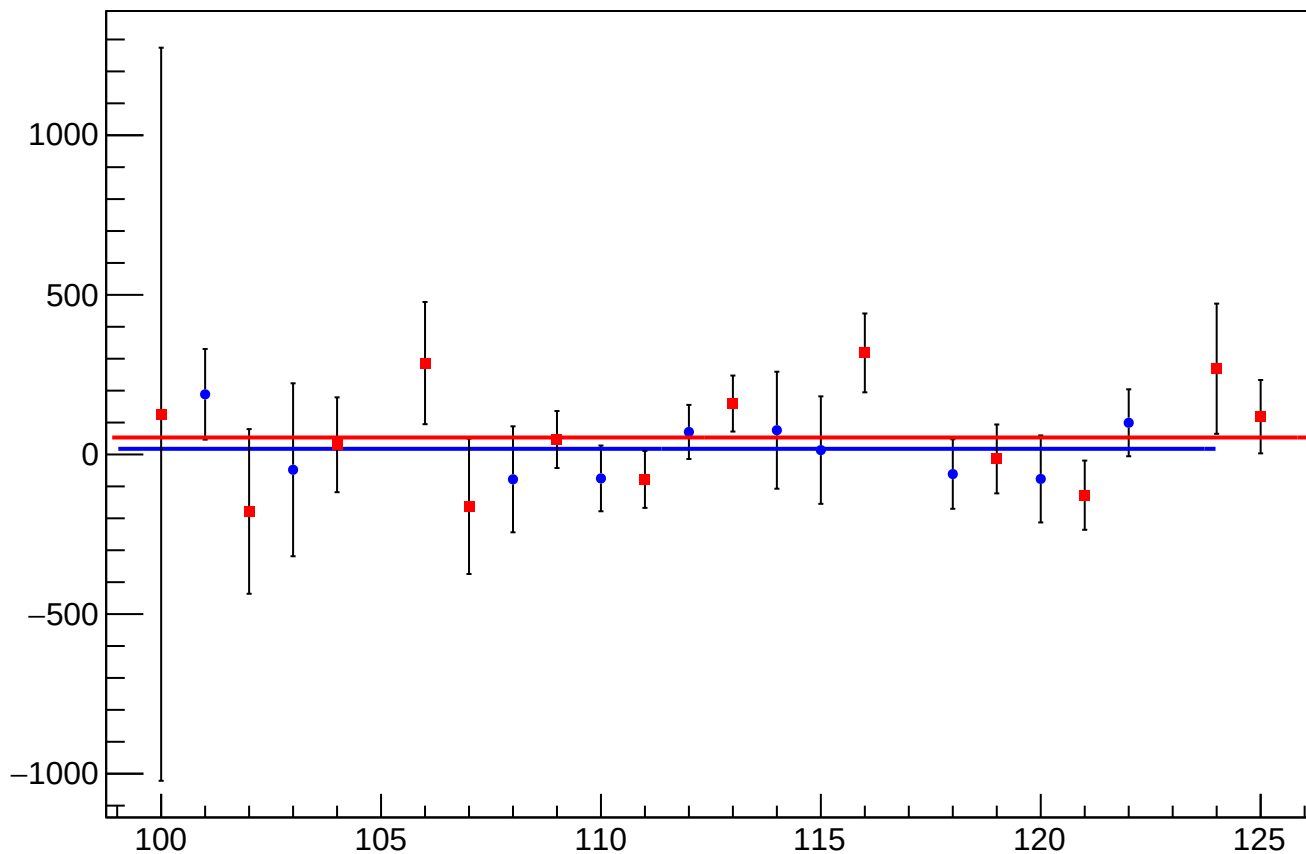
Right: 960.680+/-0.232 χ^2/NDF : 894584.1/22

In: 975.354+/-0.351 χ^2/NDF : 431754.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 960.680+/-0.232 χ^2/NDF : 894584.1/22

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: 53.184+/-34.751 χ^2/NDF : 16.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

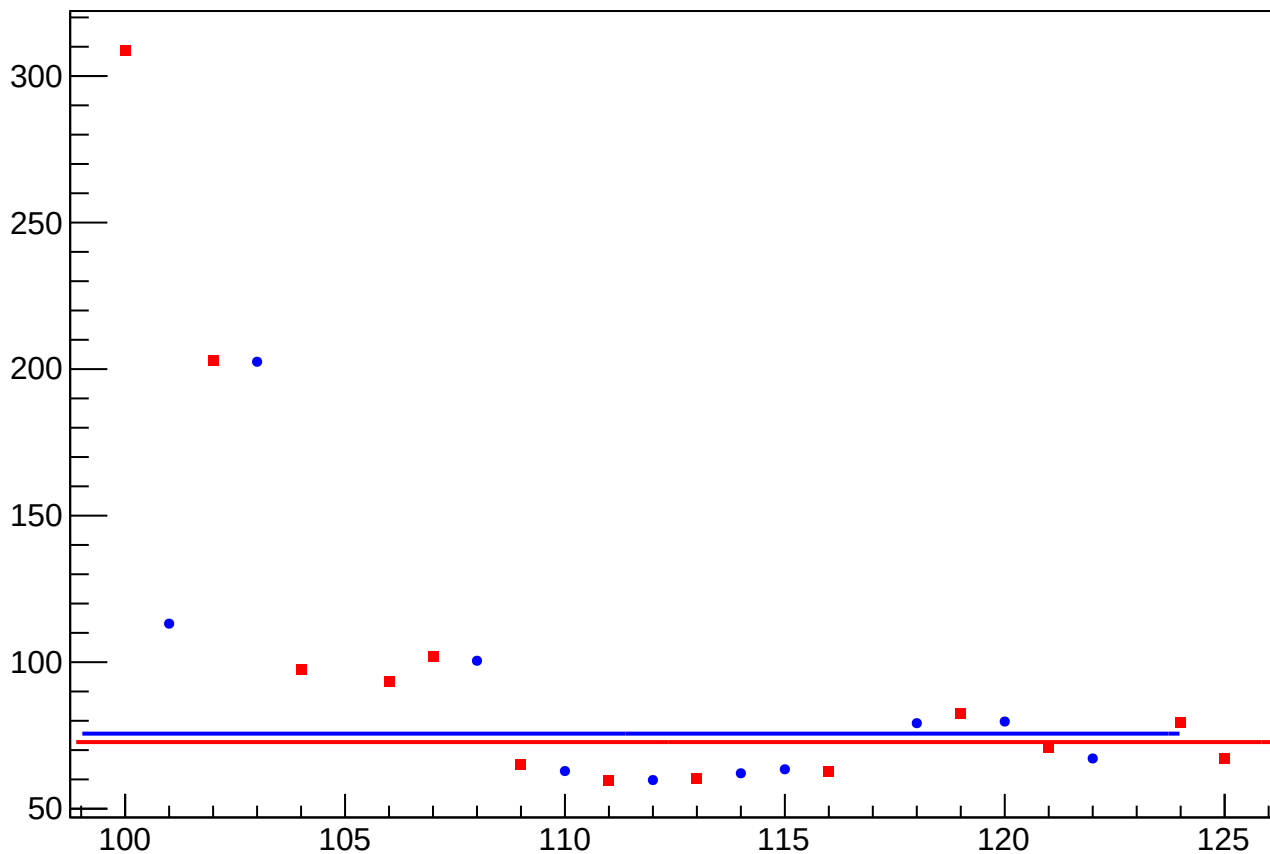
Right: 37.900+/-26.211 χ^2/NDF : 21.4/22

In: 17.734+/-39.918 χ^2/NDF : 4.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.900+/-26.211 χ^2/NDF : 21.4/22

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: 72.737+/-0.025 χ^2/NDF : 844787.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

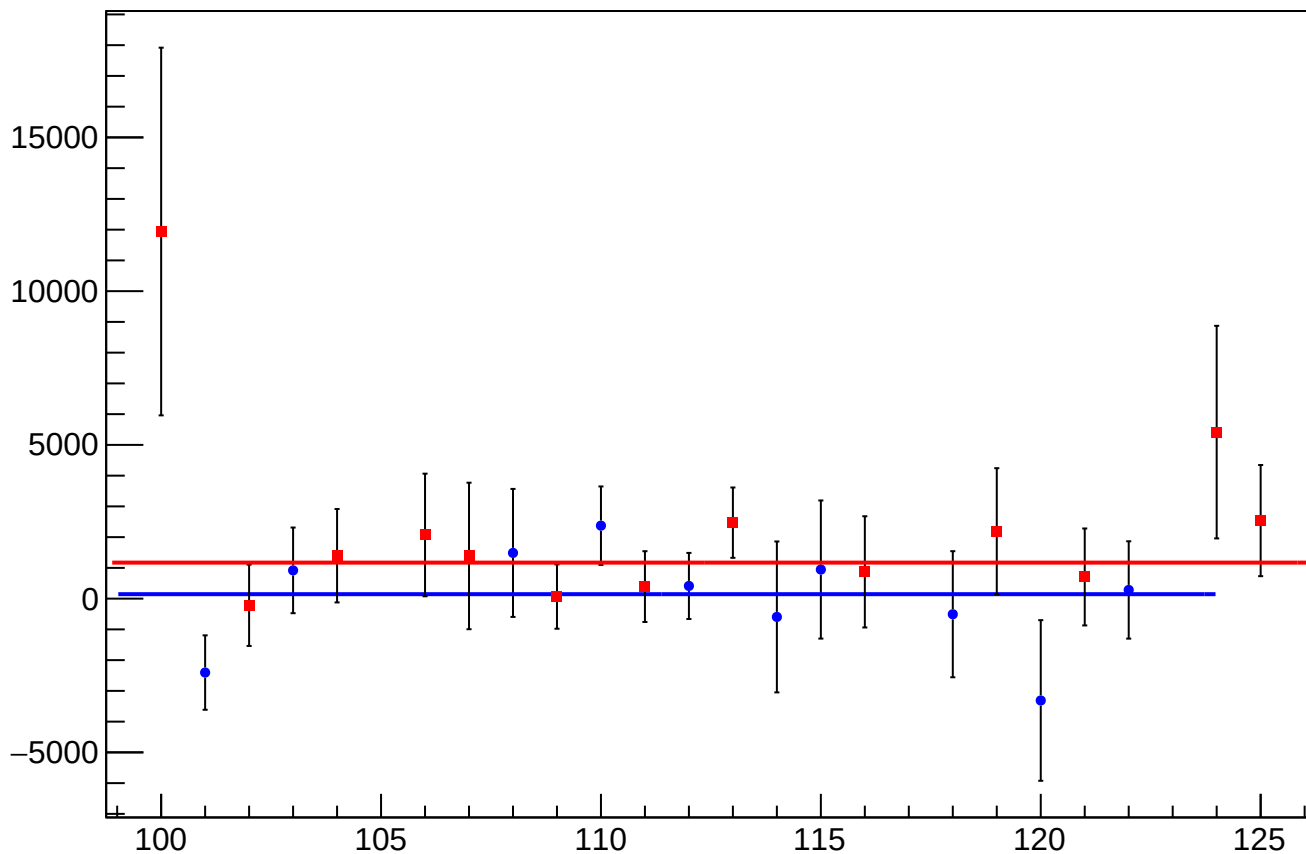
Right: 73.981+/-0.019 χ^2/NDF : 1613234.7/22

In: 75.622+/-0.028 χ^2/NDF : 762502.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.981+/-0.019 χ^2/NDF : 1613234.7/22

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: 1171.854+/-437.238 χ^2/NDF : 9.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

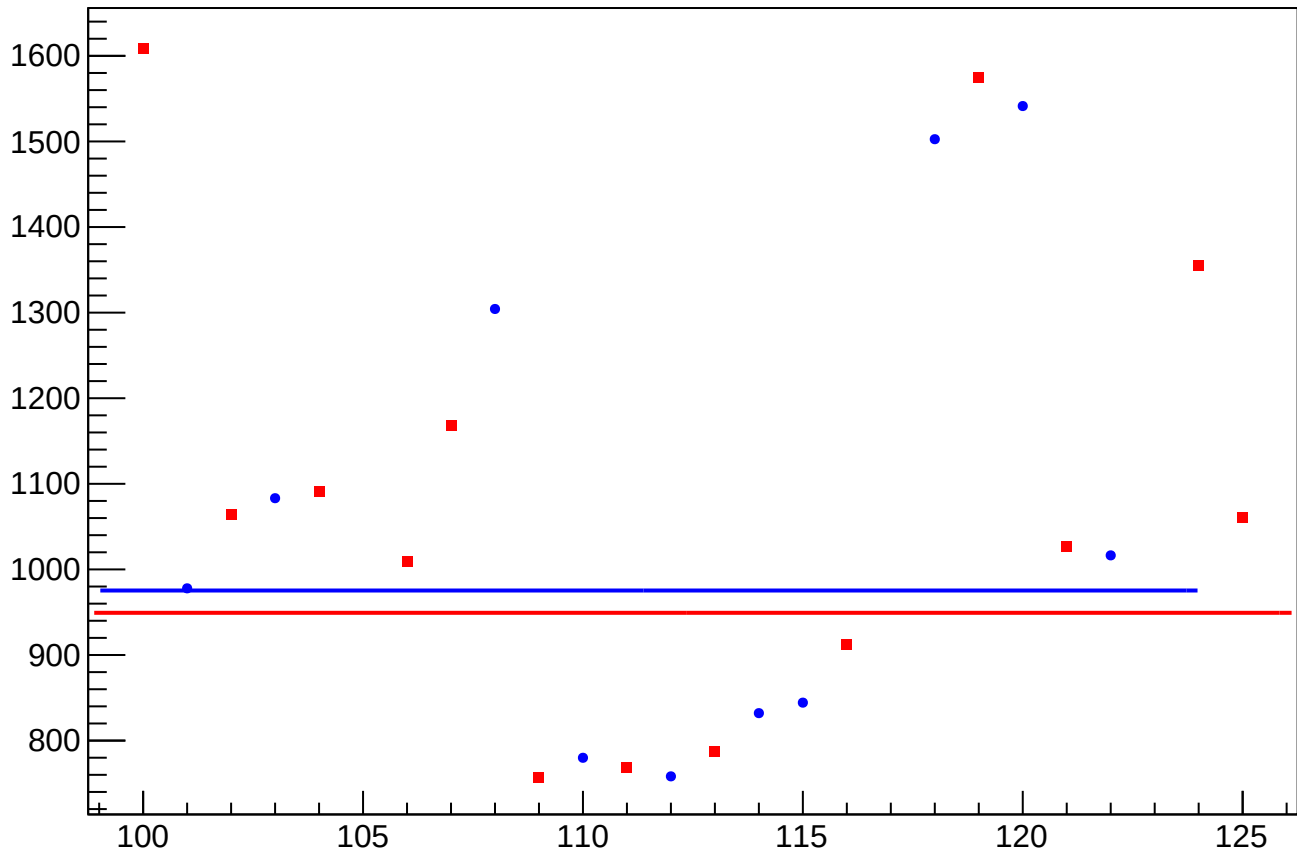
Right: 723.226+/-328.114 χ^2/NDF : 22.6/22

In: 144.927+/-496.422 χ^2/NDF : 10.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 723.226+/-328.114 χ^2/NDF : 22.6/22

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: 949.296+/-0.309 χ^2/NDF : 459726.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

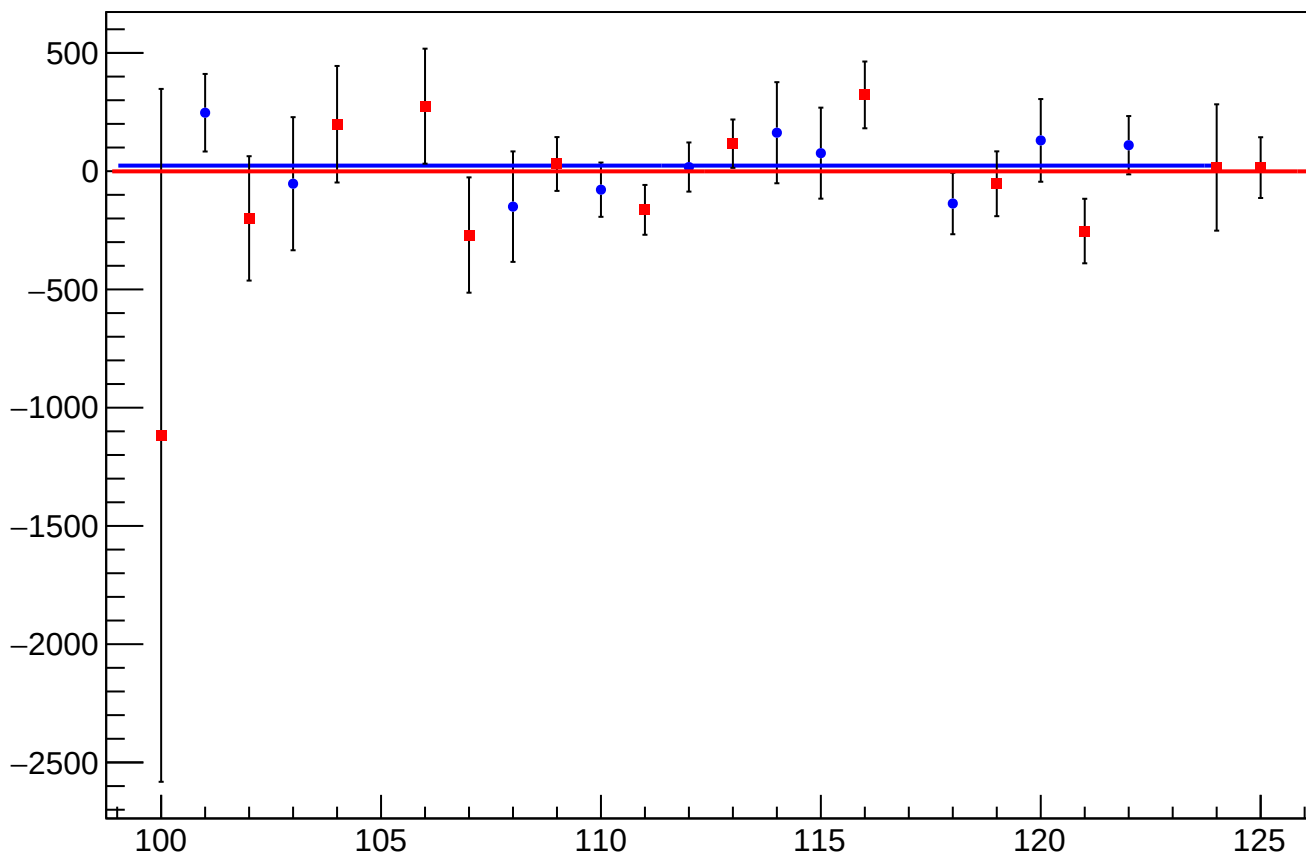
Right: 960.680+/-0.232 χ^2/NDF : 894584.1/22

In: 975.354+/-0.351 χ^2/NDF : 431754.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 960.680+/-0.232 χ^2/NDF : 894584.1/22

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: -0.762+/-42.266 χ^2/NDF : 16.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

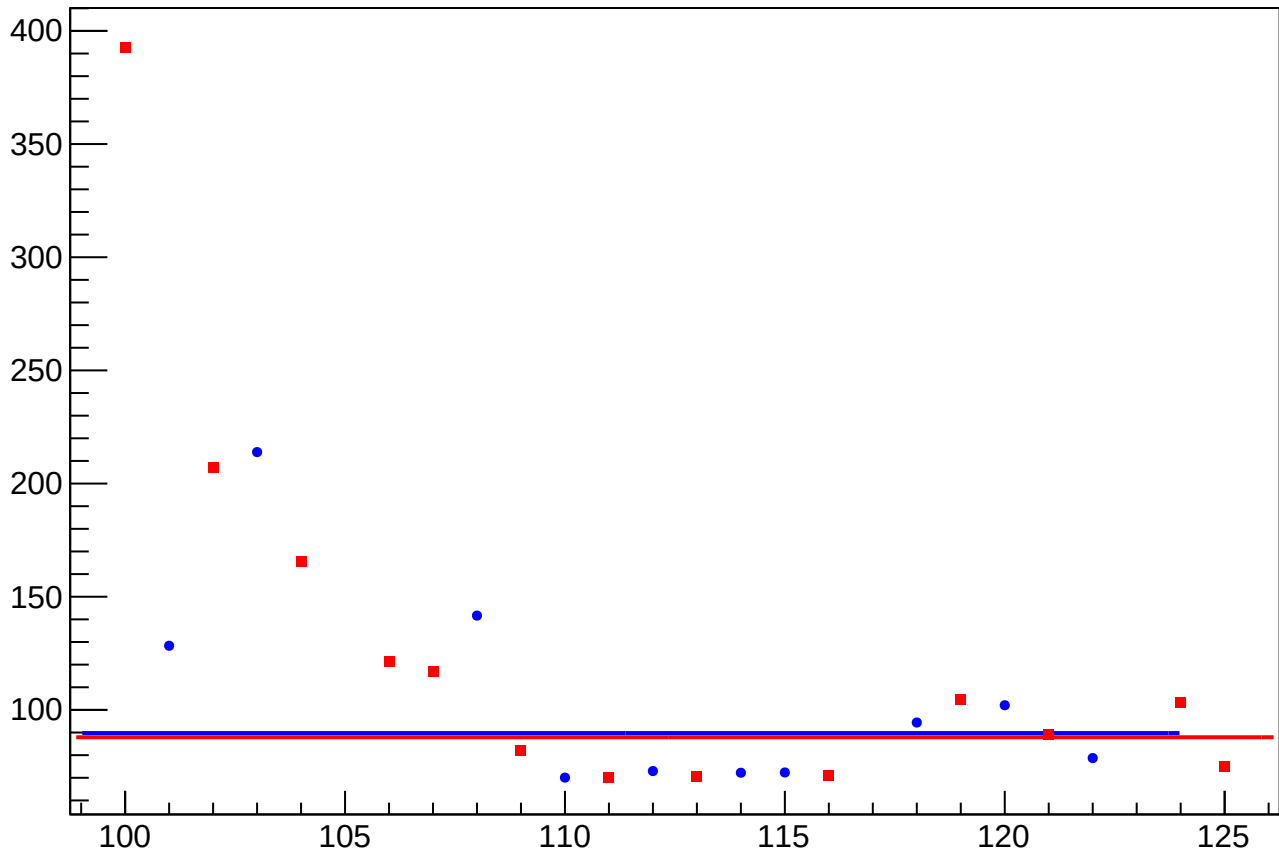
Right: 10.000+/-31.573 χ^2/NDF : 23.2/22

In: 23.586+/-47.490 χ^2/NDF : 6.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.000+/-31.573 χ^2/NDF : 23.2/22

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: 87.910+/-0.030 χ^2/NDF : 969256.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

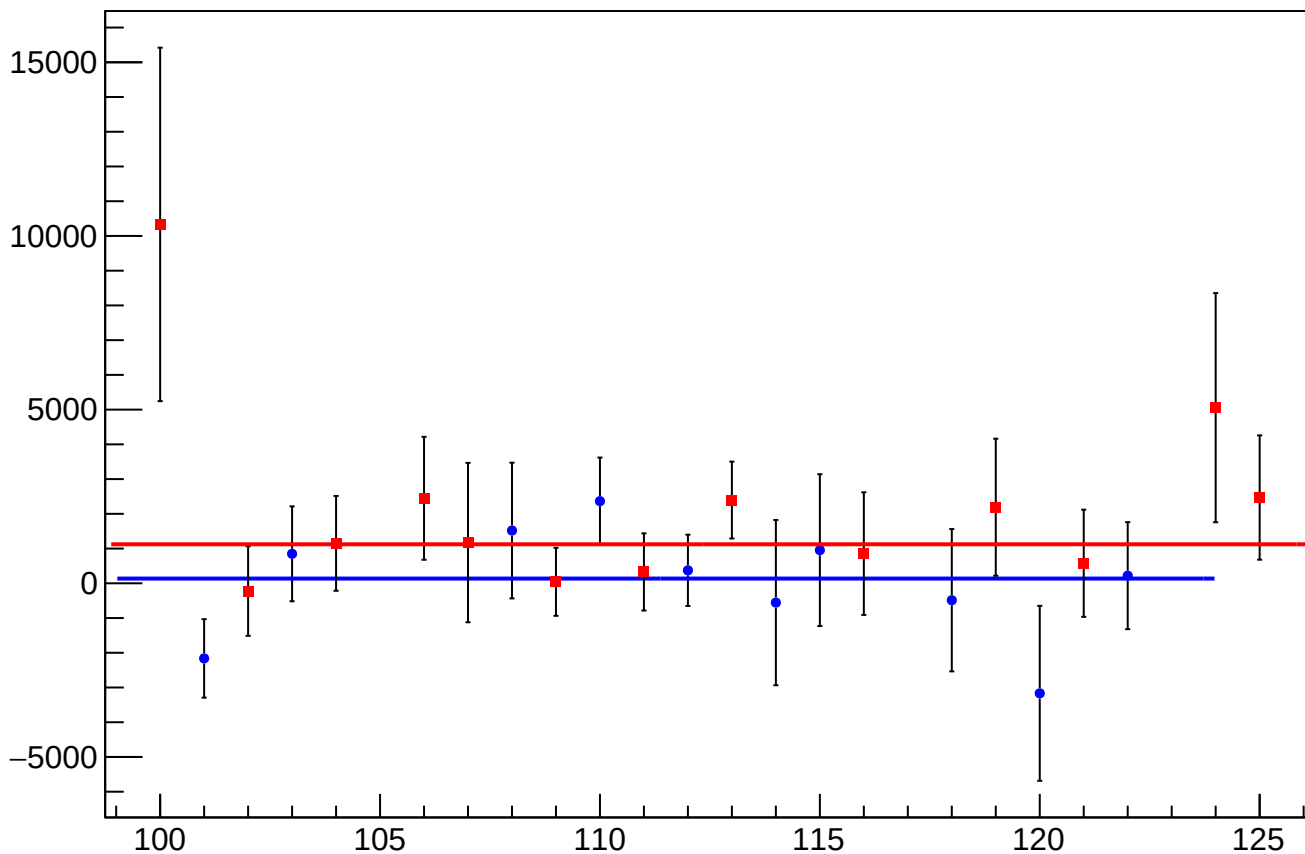
Right: 88.731+/-0.022 χ^2/NDF : 1738971.9/22

In: 89.767+/-0.034 χ^2/NDF : 768008.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.731+/-0.022 χ^2/NDF : 1738971.9/22

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: 1123.370+/-416.706 χ^2/NDF : 10.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

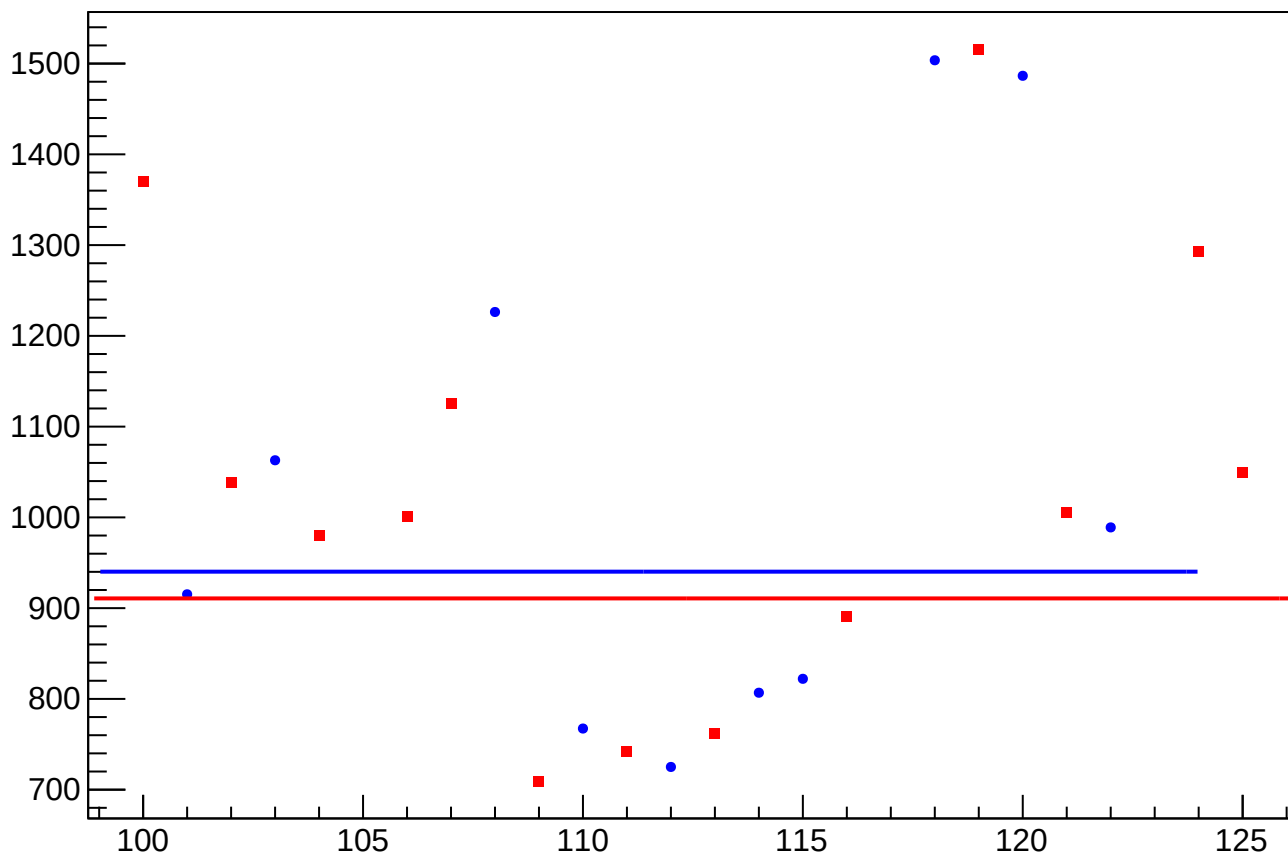
Right: 697.610+/-314.243 χ^2/NDF : 23.0/22

In: 136.254+/-478.483 χ^2/NDF :10.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 697.610+/-314.243 χ^2/NDF : 23.0/22

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: 910.722+/-0.295 χ^2/NDF : 465324.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

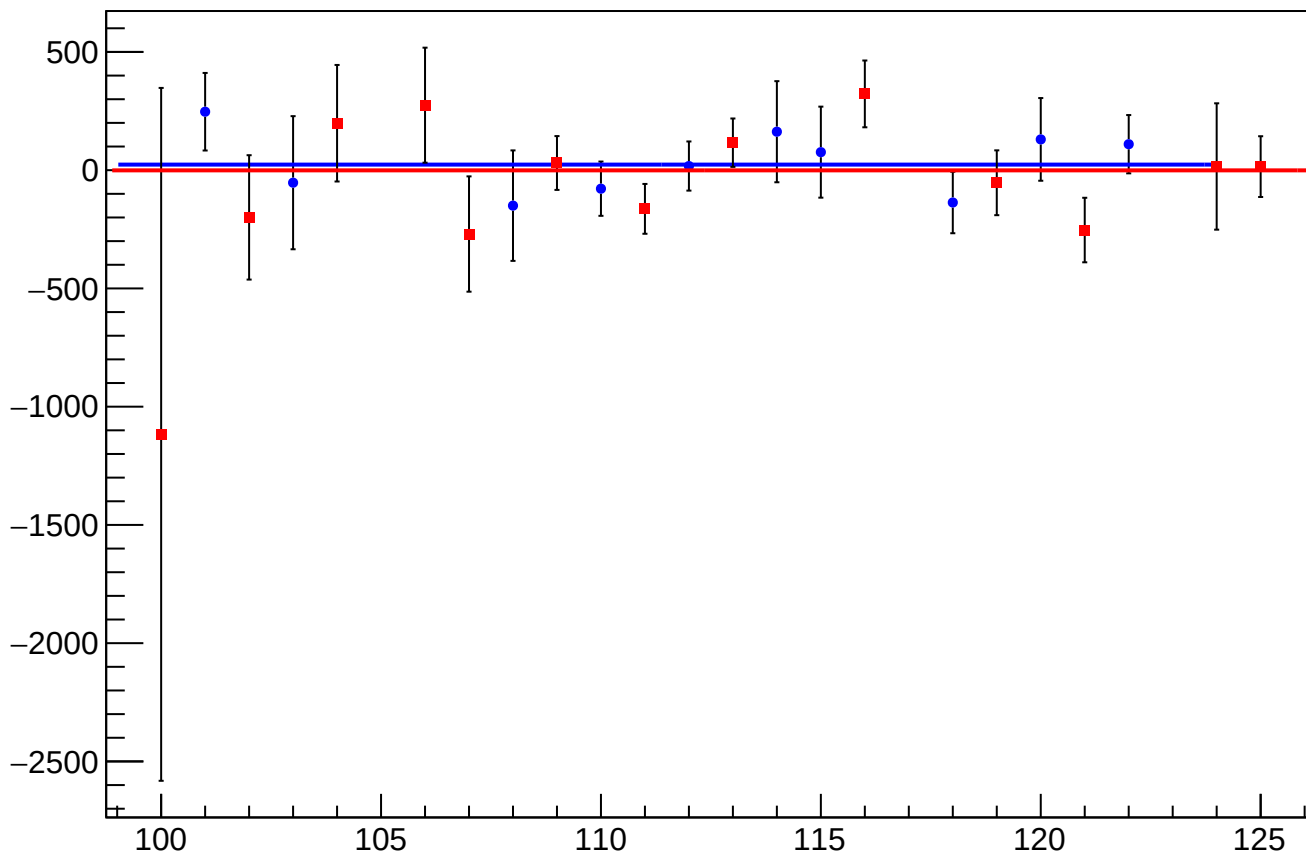
Right: 923.435+/-0.222 χ^2/NDF : 914955.8/22

In: 940.198+/-0.338 χ^2/NDF : 445315.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 923.435+/-0.222 χ^2/NDF : 914955.8/22

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: -0.765+/-42.266 χ^2/NDF : 16.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

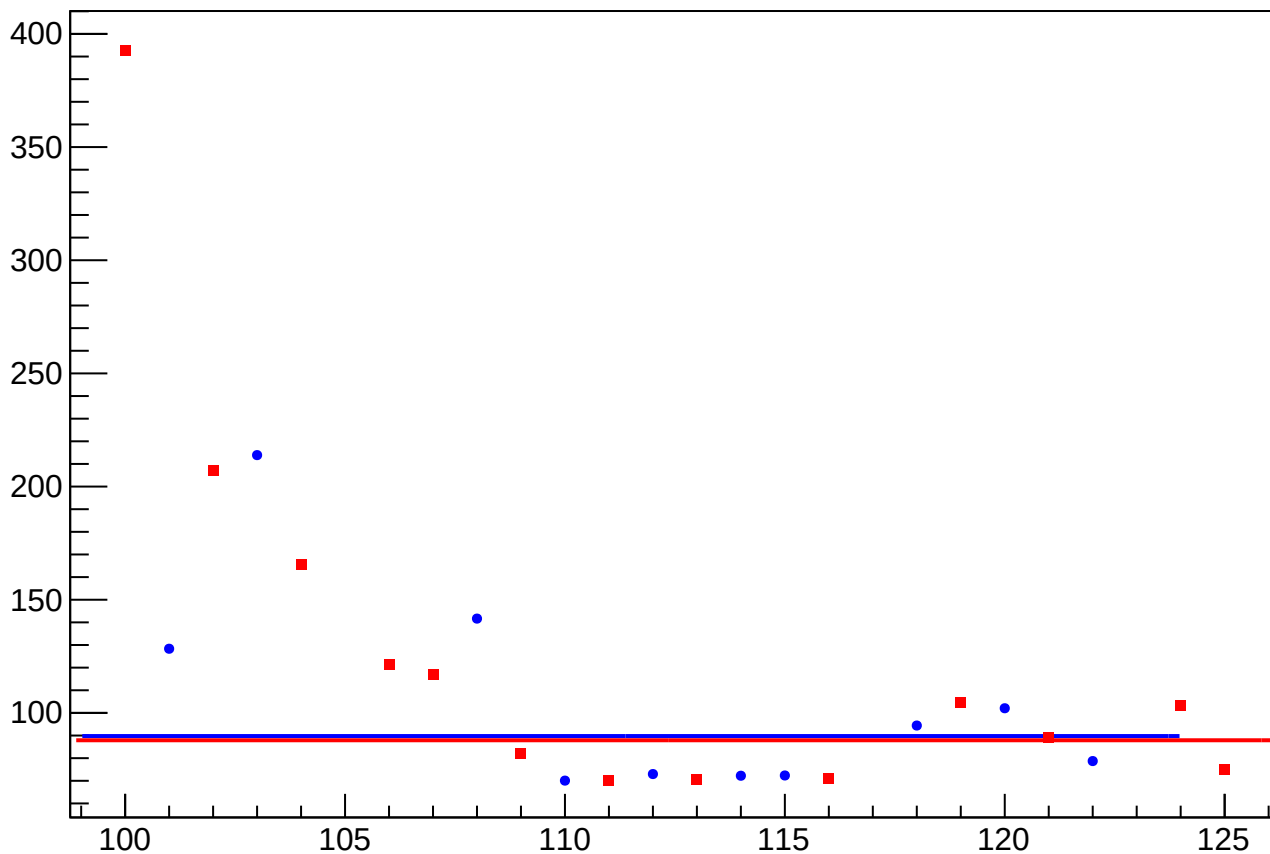
Right: 9.997+/-31.573 χ^2/NDF : 23.2/22

In: 23.584+/-47.490 χ^2/NDF : 6.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.997+/-31.573 χ^2/NDF : 23.2/22

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: 87.910+/-0.030 χ^2/NDF : 969248.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

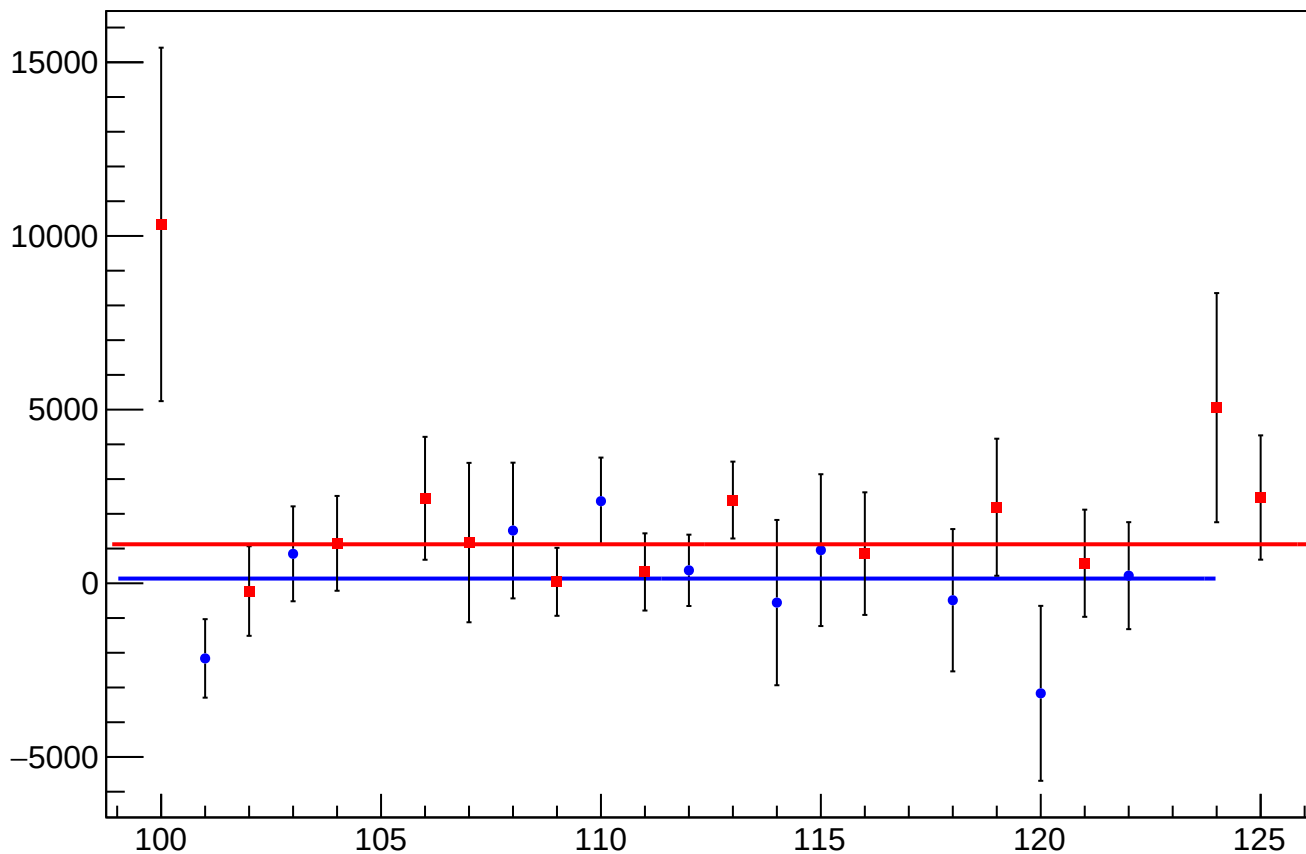
Right: 88.731+/-0.022 χ^2/NDF : 1738951.4/22

In: 89.768+/-0.034 χ^2/NDF : 767996.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.731+/-0.022 χ^2/NDF : 1738951.4/22

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: 1123.368+/-416.705 χ^2/NDF : 10.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

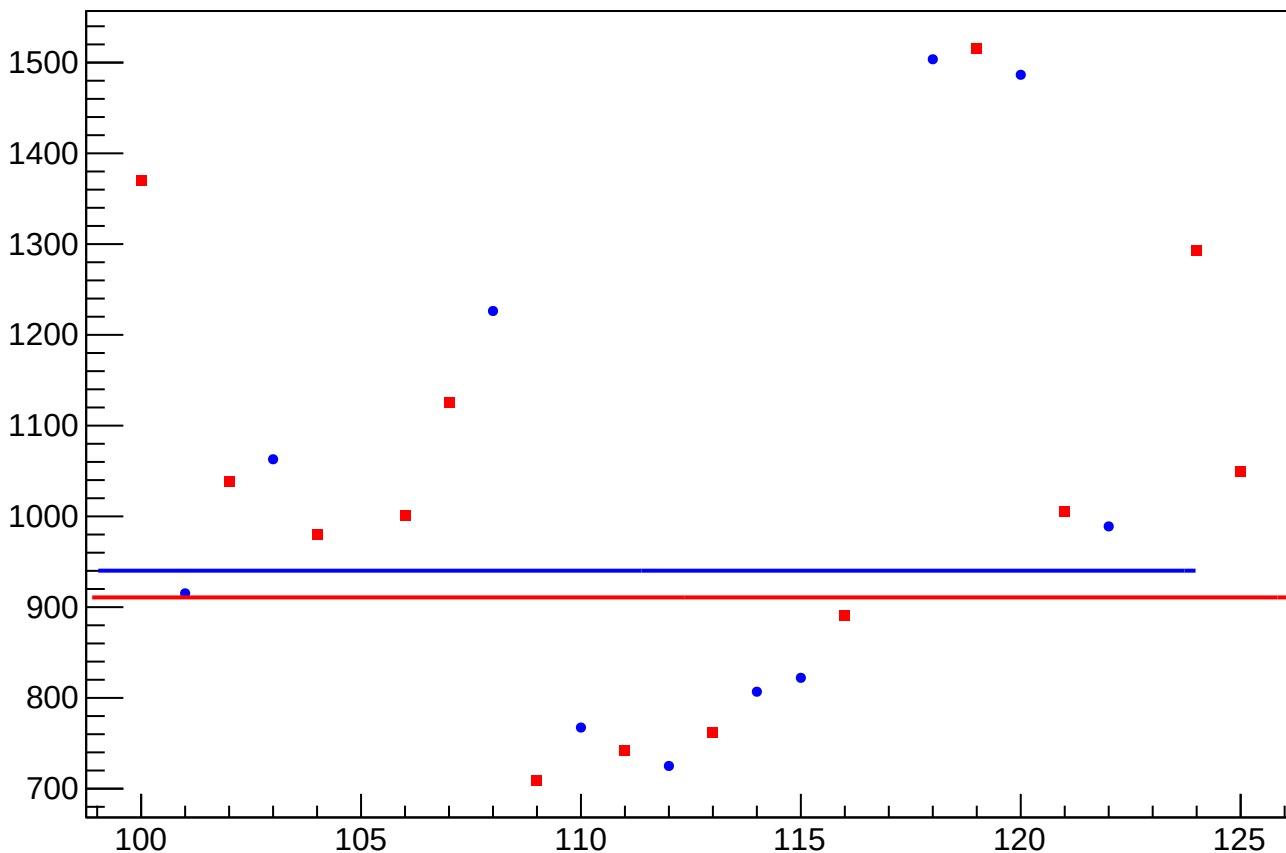
Right: 697.608+/-314.242 χ^2/NDF : 23.0/22

In: 136.254+/-478.482 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 697.608+/-314.242 χ^2/NDF : 23.0/22

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: 910.720+/-0.295 χ^2/NDF : 465323.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

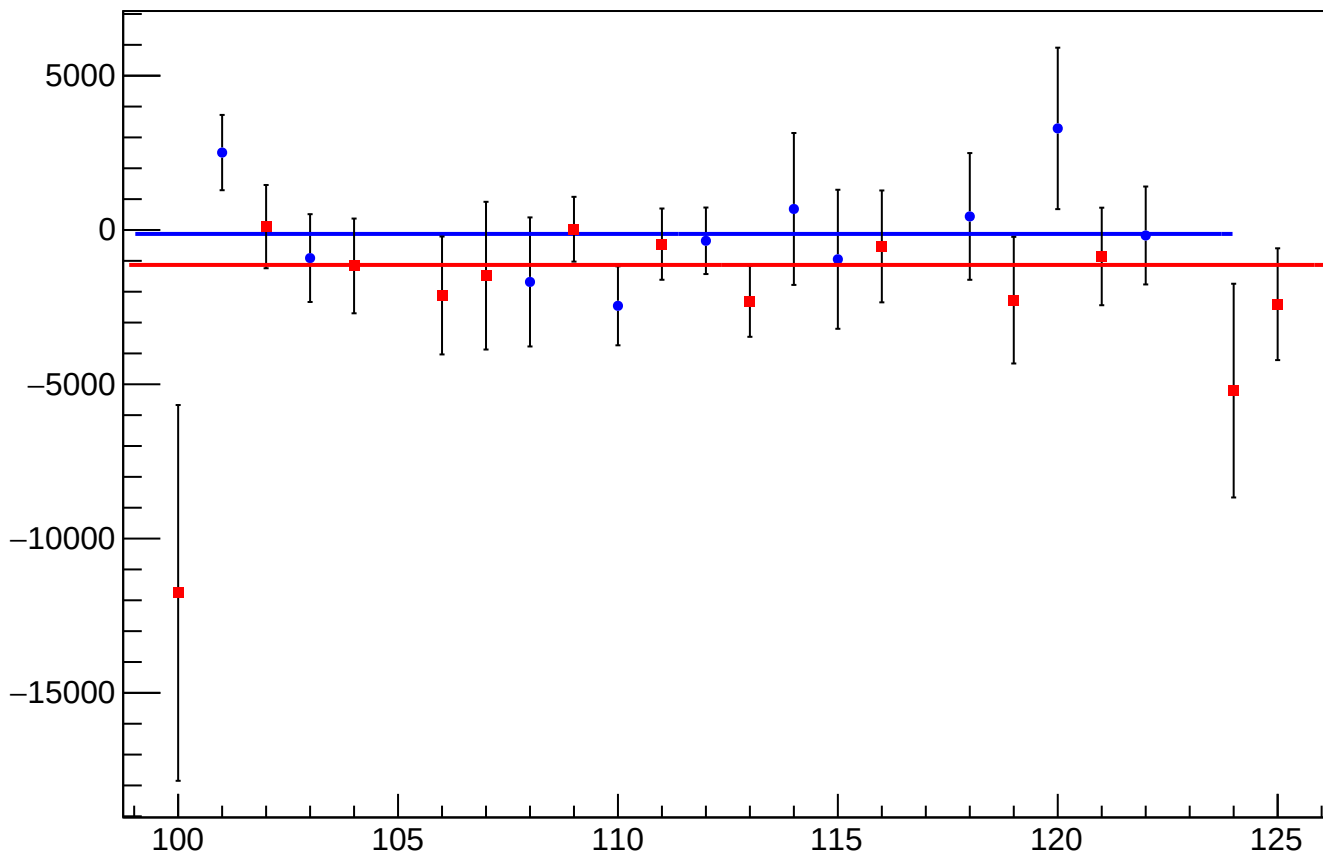
Right: 923.433+/-0.222 χ^2/NDF : 914958.5/22

In: 940.195+/-0.338 χ^2/NDF : 445318.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 923.433+/-0.222 χ^2/NDF : 914958.5/22

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: -1132.068+/-438.642 χ^2/NDF : 9.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

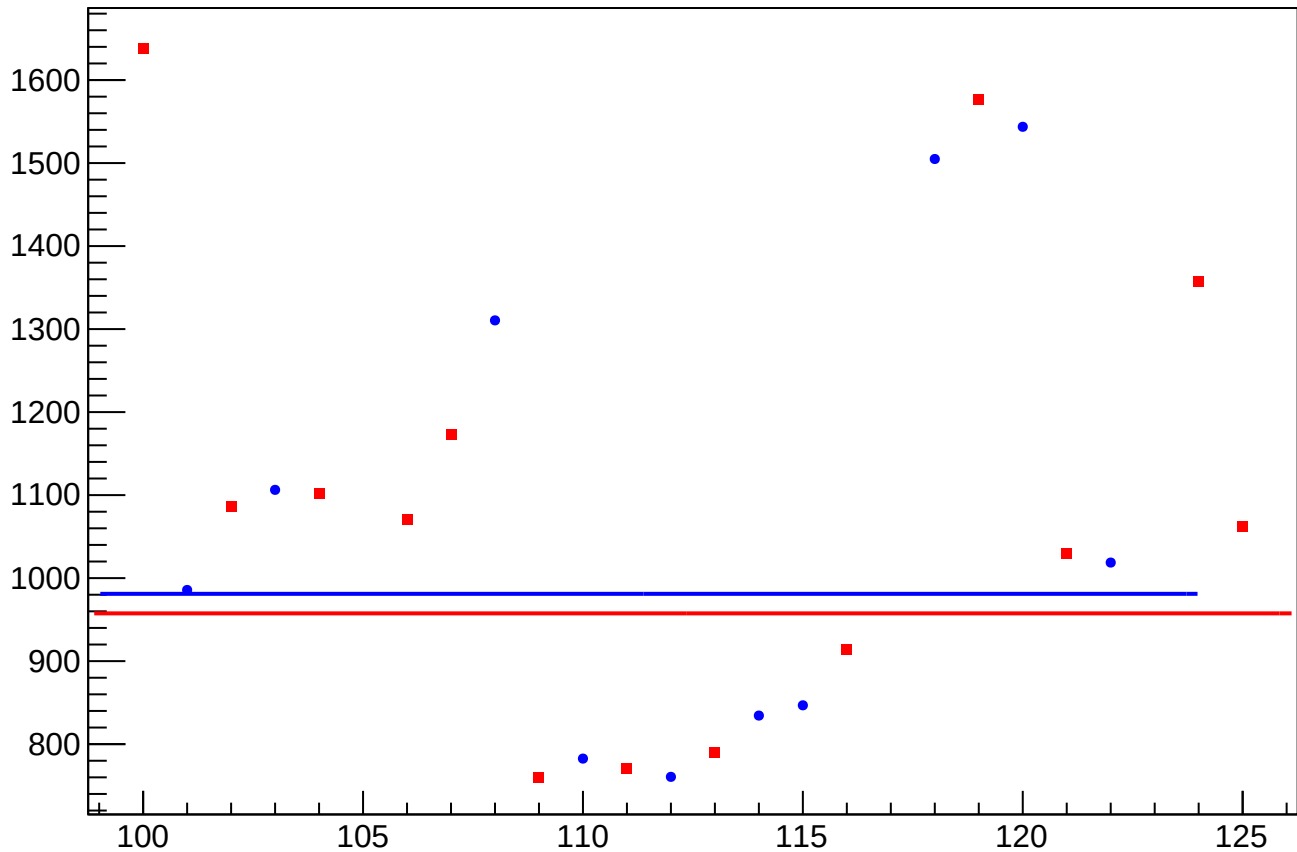
Right: -694.531+/-329.579 χ^2/NDF : 22.3/22

In: -127.289+/-499.444 χ^2/NDF :10.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -694.531+/-329.579 χ^2/NDF : 22.3/22

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: 957.537 ± 0.310 χ^2/NDF : 471073.8/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

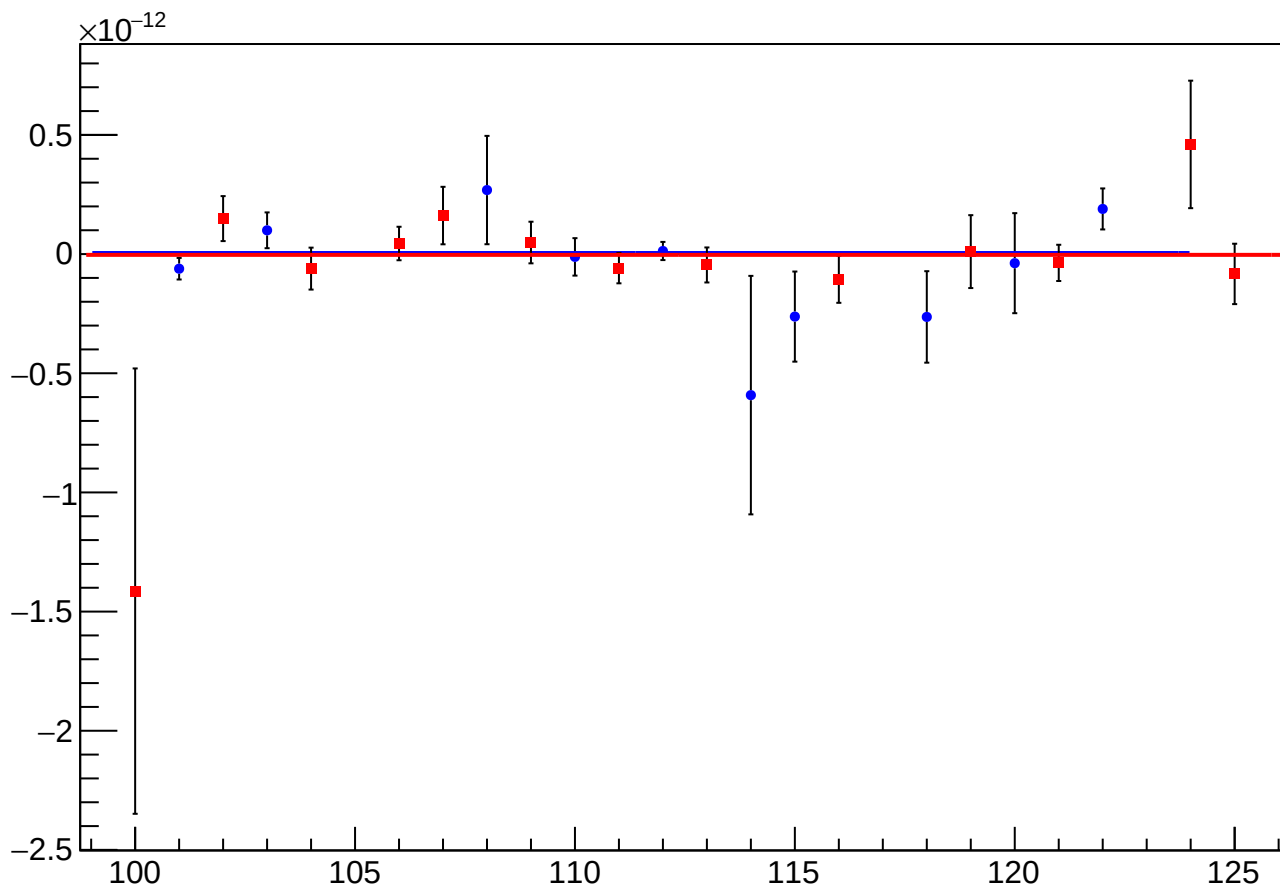
Right: 967.788 ± 0.233 χ^2/NDF : 908564.5/22

In: 981.077 ± 0.353 χ^2/NDF : 434982.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 967.788 ± 0.233 χ^2/NDF : 908564.5/22

asym_sam_37_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

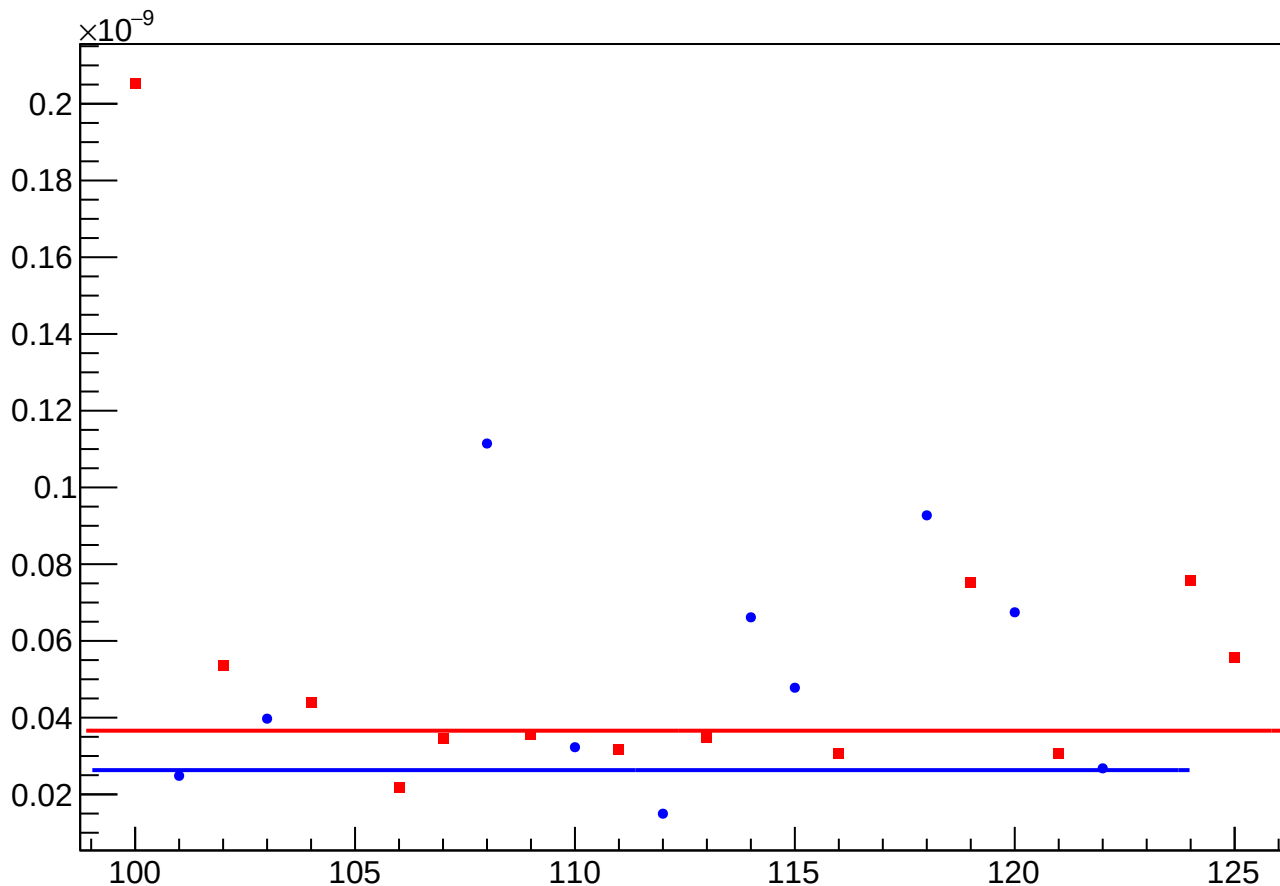
Right: 0.000+/-0.000 χ^2/NDF : 29.0/22

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 : 29.0/22

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 : 481760.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

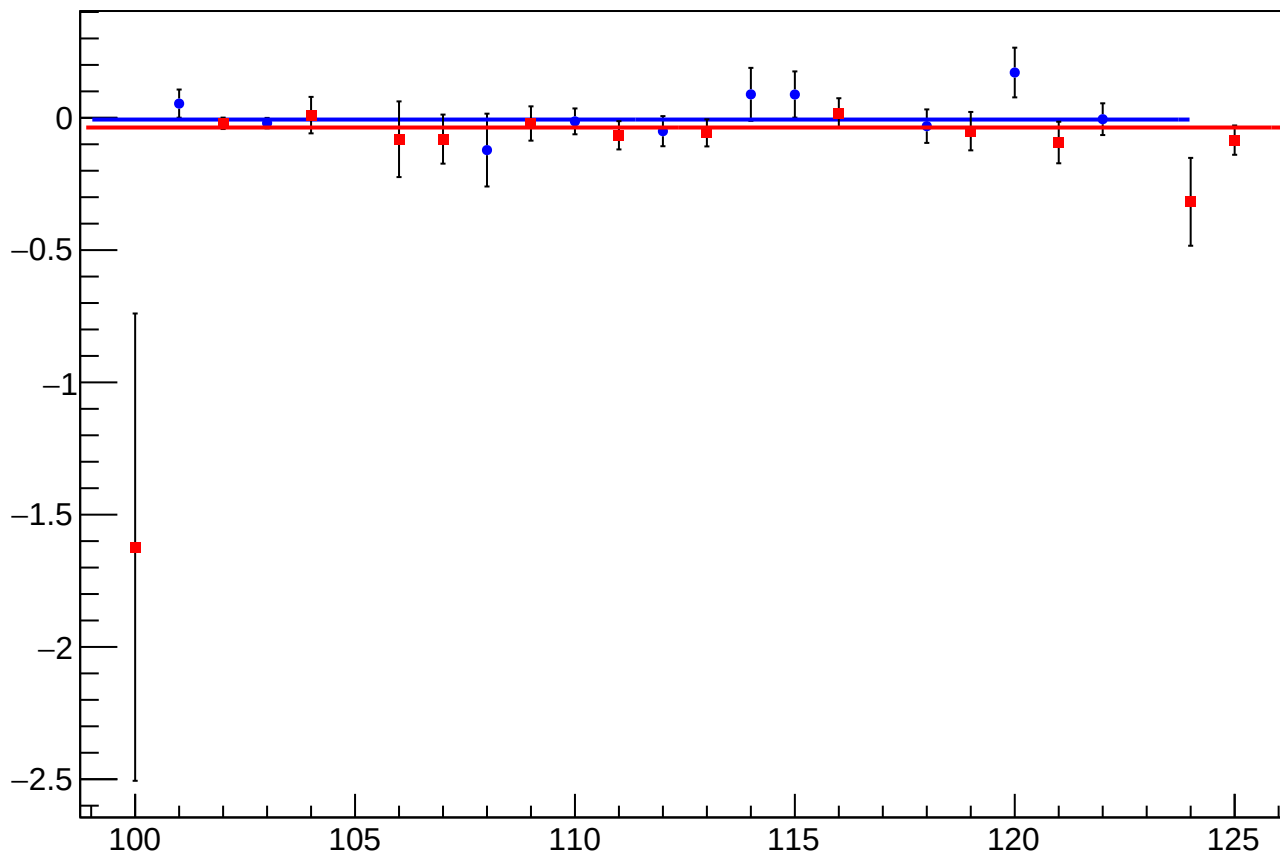
Right: 0.000+/-0.000 χ^2/NDF : 1541460.9/22

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 : 1541460.9/22

asym_sam_37_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006+/-0.015 χ^2 /NDF: 8.9/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.037+/-0.015 χ^2 /NDF: 10.2/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

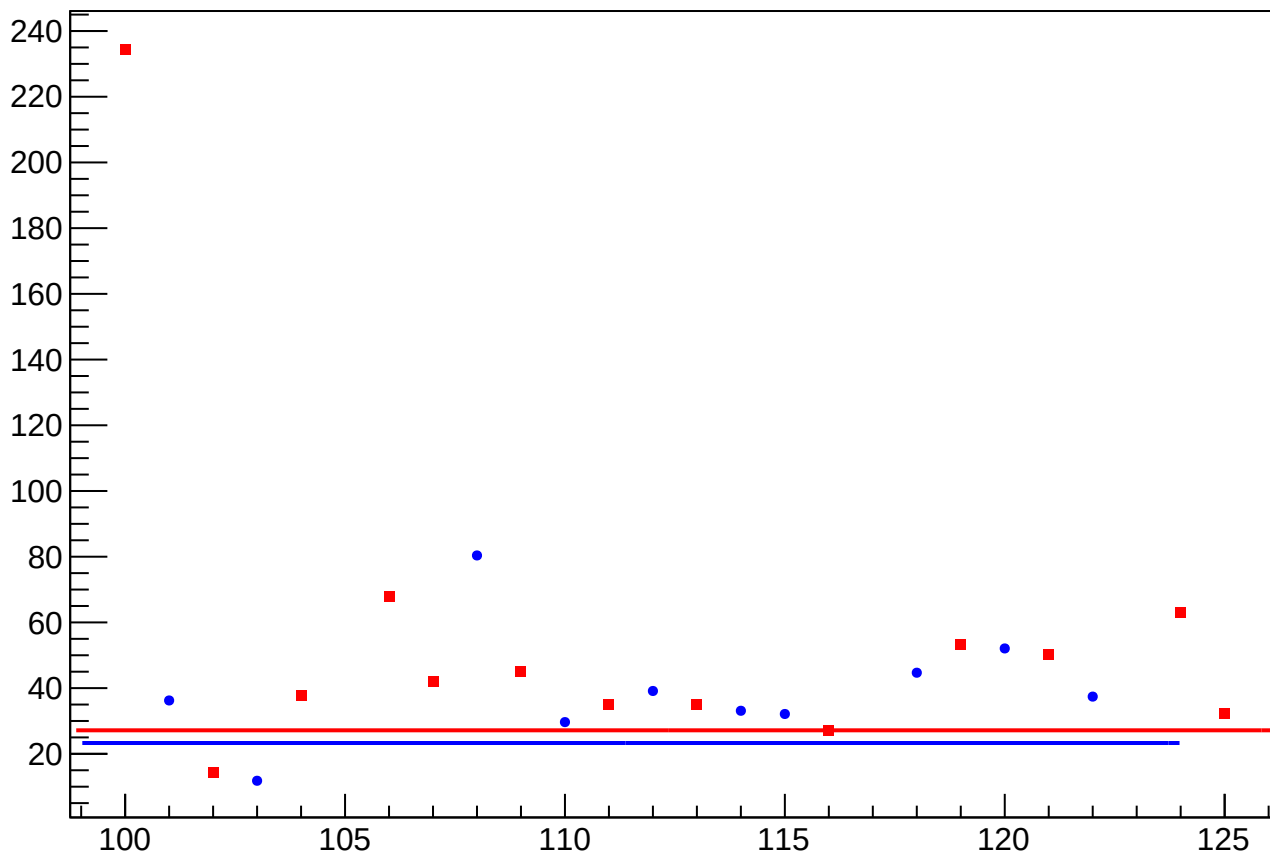
Right: -0.021+/-0.010 χ^2 /NDF: 21.1/22

In: -0.006+/-0.015 χ^2 /NDF:8.9/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.021+/-0.010 χ^2 /NDF: 21.1/22

asym_sam_37_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.296 $\pm$ 0.010 χ^2 /NDF: 1902468.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 27.159 $\pm$ 0.011 χ^2 /NDF: 1874876.6/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

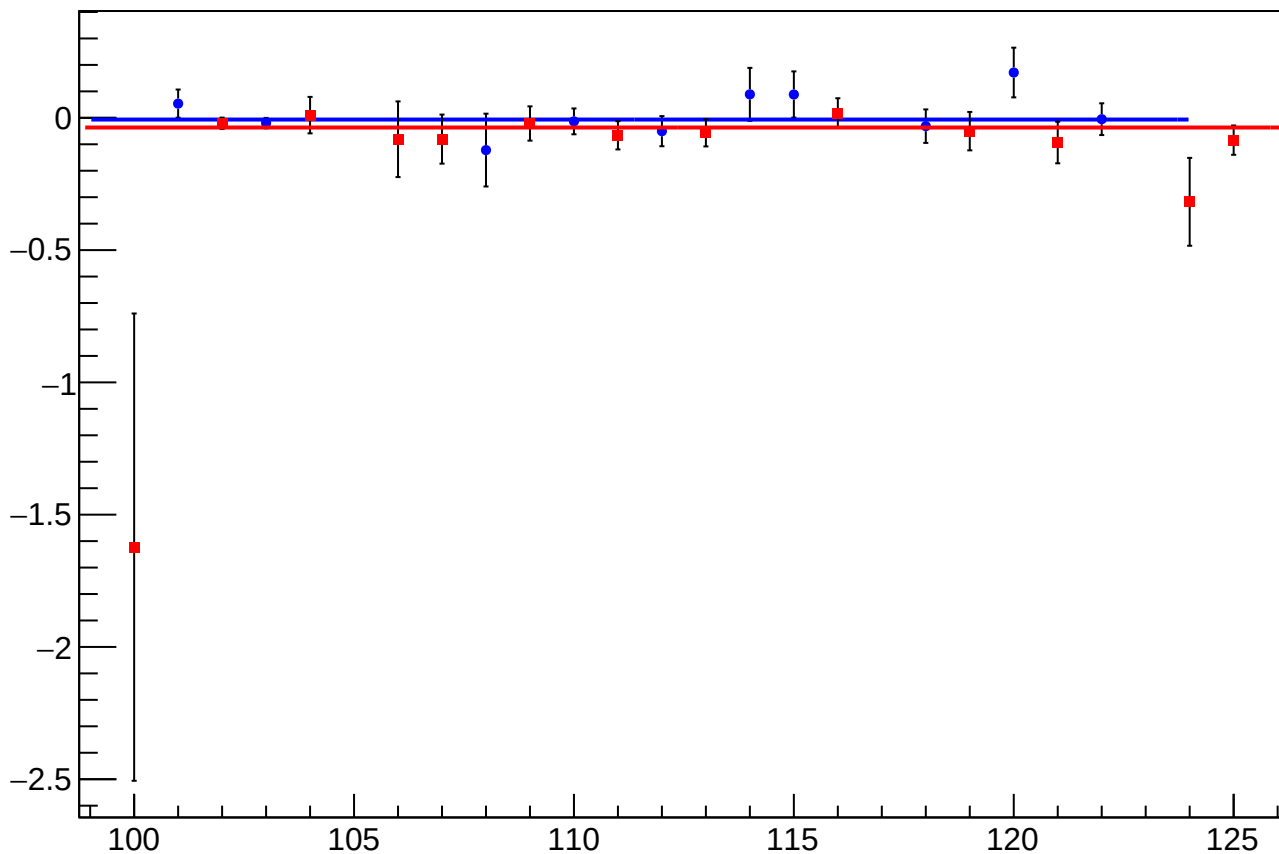
Right: 25.214 $\pm$ 0.007 χ^2 /NDF: 3845464.9/22

In: 23.296 $\pm$ 0.010 χ^2 /NDF:1902468.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 25.214 $\pm$ 0.007 χ^2 /NDF: 3845464.9/22

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: -0.037 $\pm$ 0.015 χ^2 /NDF: 10.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

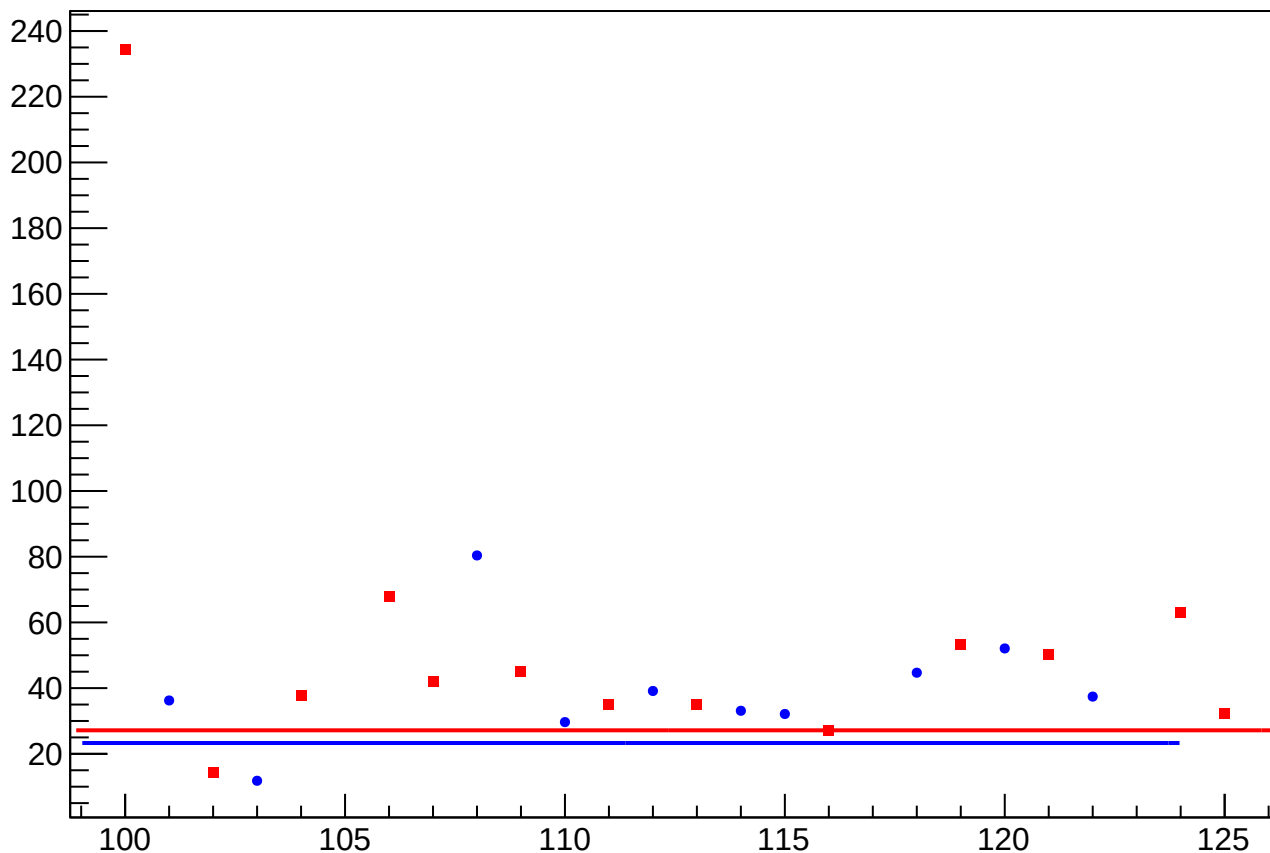
Right: -0.021 $\pm$ 0.010 χ^2 /NDF: 21.1/22

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: -0.021 $\pm$ 0.010 χ^2 /NDF: 21.1/22

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: 27.159+/-0.011 χ^2/NDF : 1874876.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

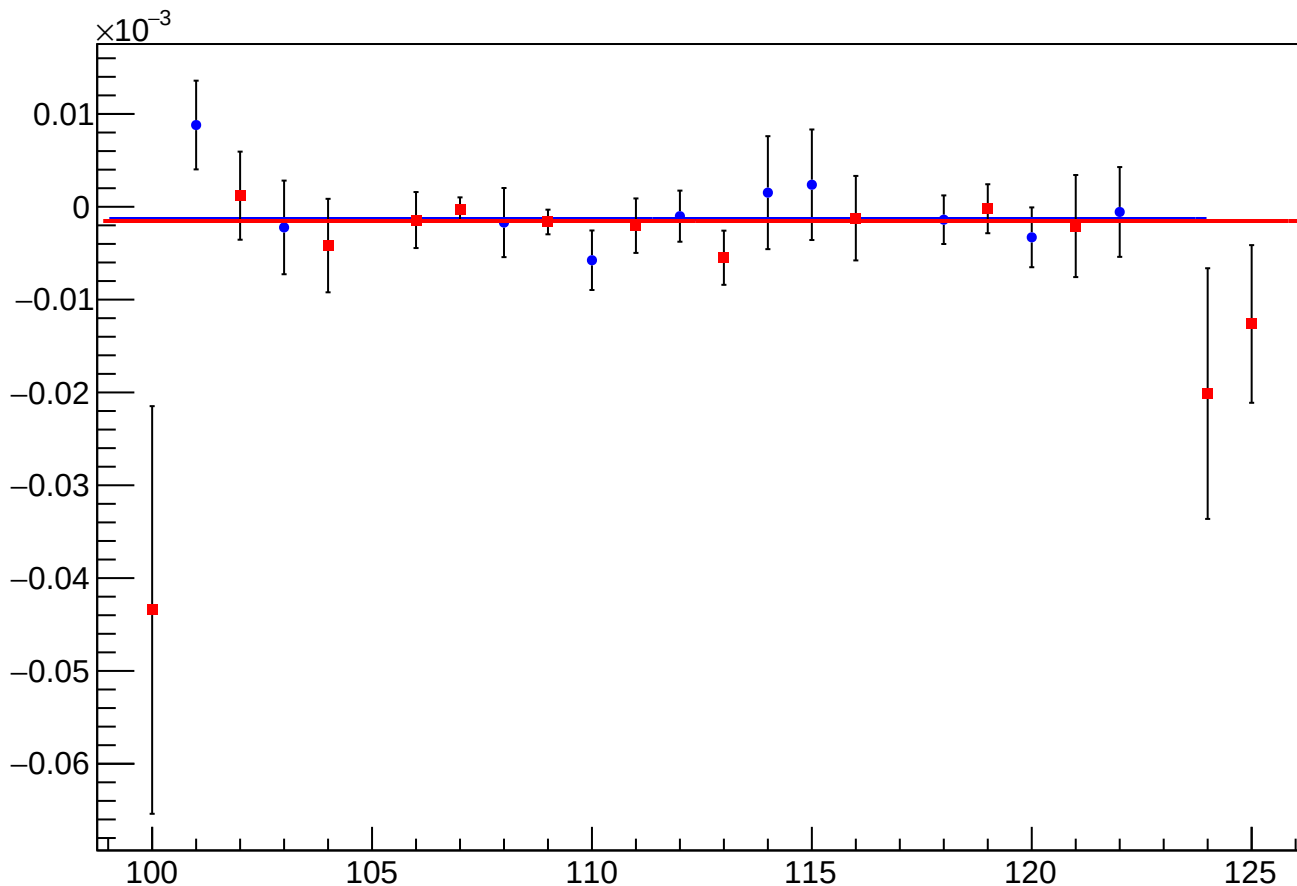
Right: 25.214+/-0.007 χ^2/NDF : 3845464.9/22

In: 23.296+/-0.010 χ^2/NDF : 1902468.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.214+/-0.007 χ^2/NDF : 3845464.9/22

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 : 10.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

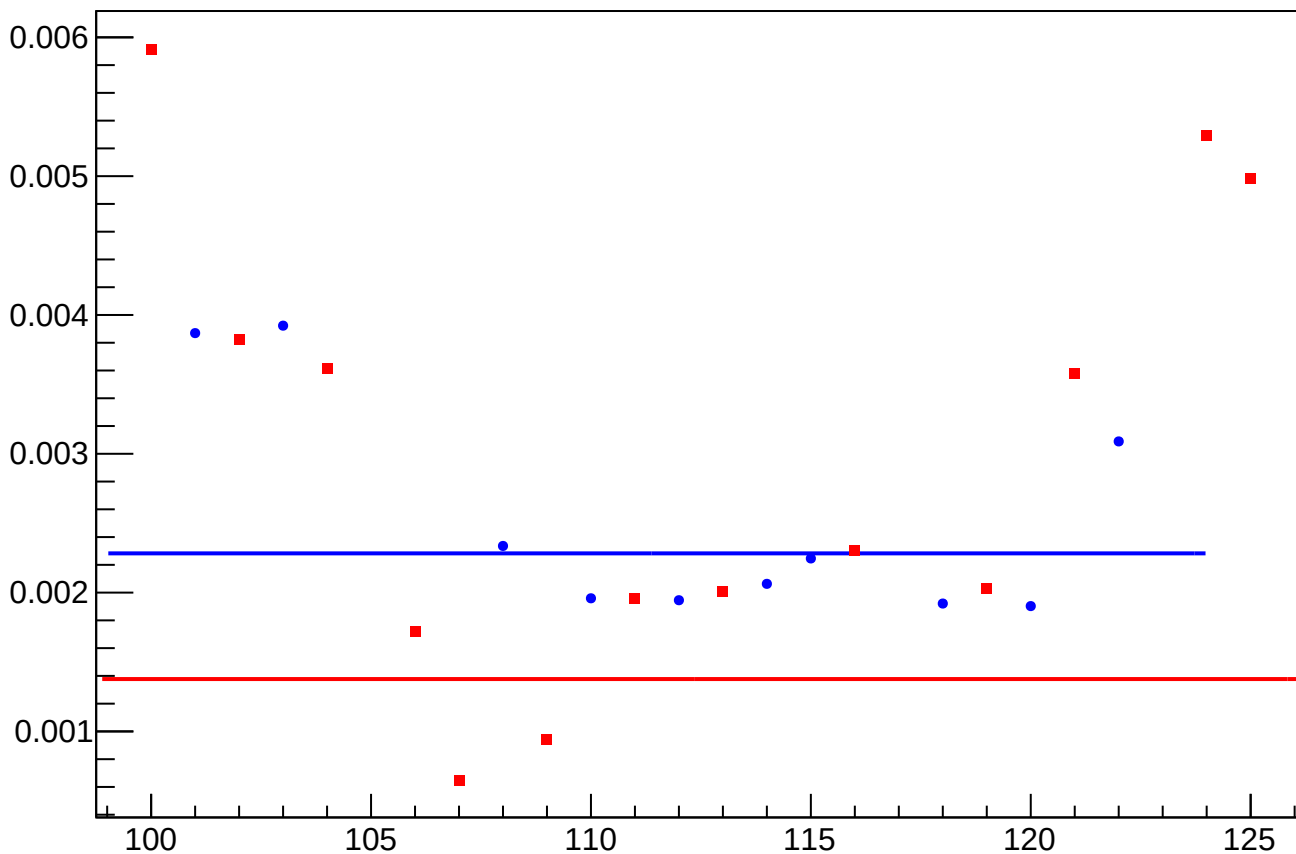
Right: -0.000+/-0.000 χ^2/NDF : 18.4/22

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 : 18.4/22

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 : 3097217.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

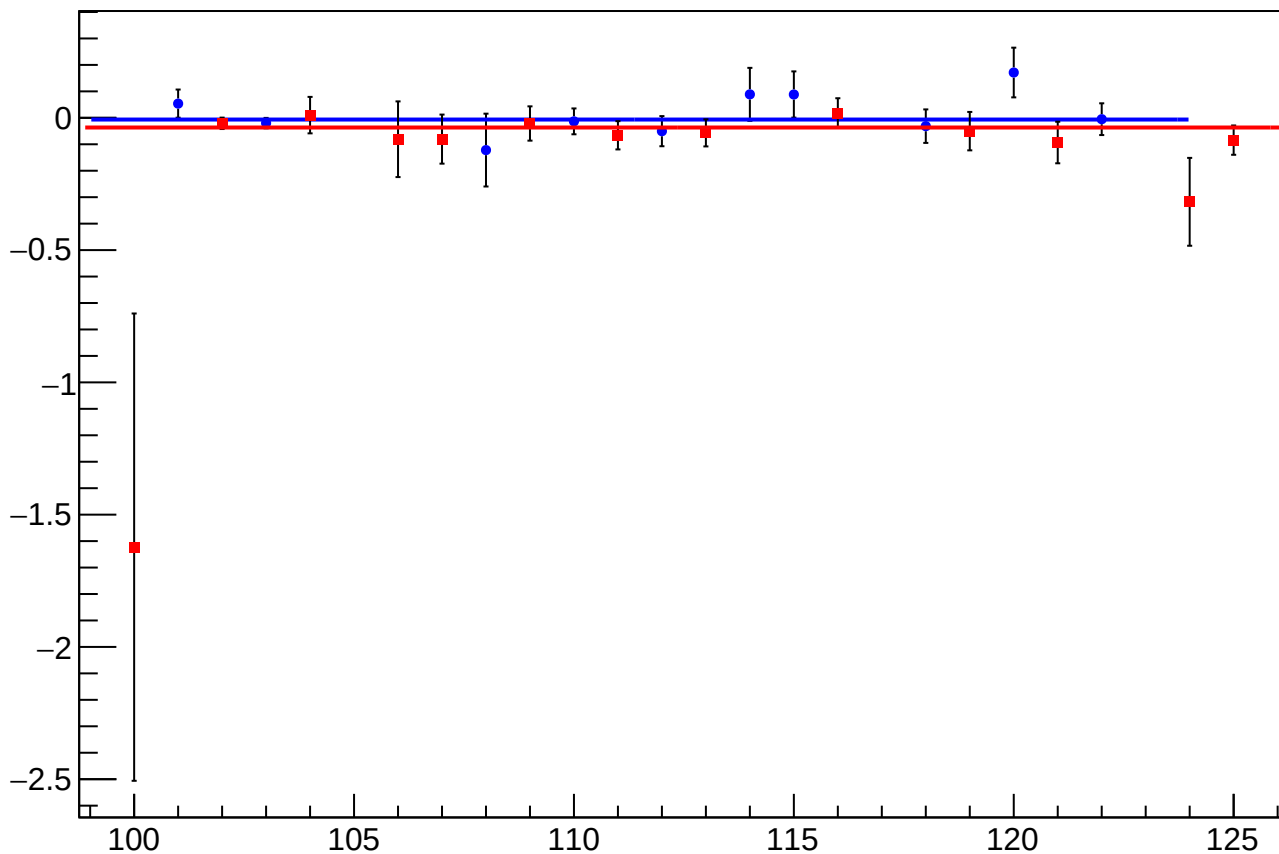
Right: 0.002+/-0.000 χ^2/NDF : 4554134.8/22

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 : 4554134.8/22

asym_sam_37_avg_eigen_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: -0.037 $\pm$ 0.015 χ^2 /NDF: 10.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

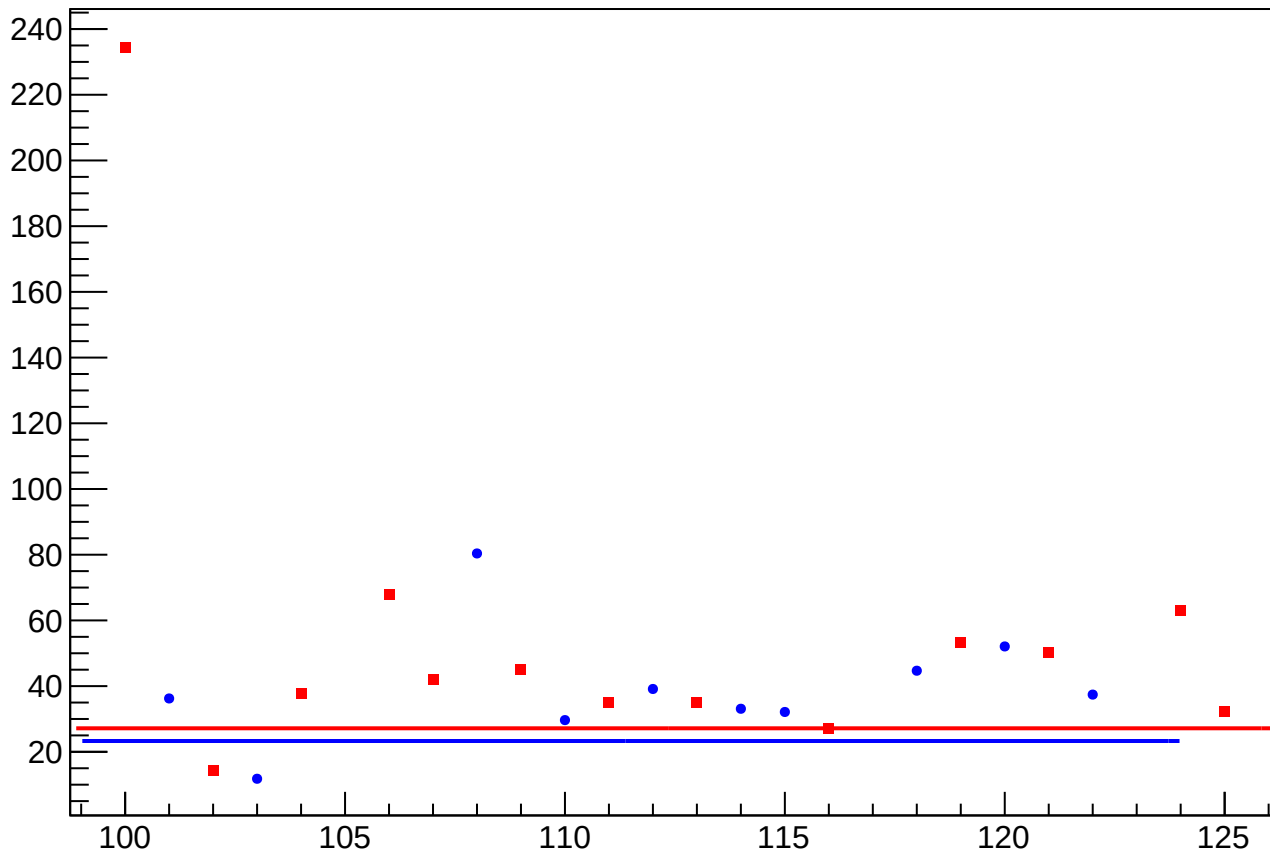
Right: -0.021 $\pm$ 0.010 χ^2 /NDF: 21.1/22

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: -0.021 $\pm$ 0.010 χ^2 /NDF: 21.1/22

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: 27.162+/-0.011 χ^2/NDF : 1874393.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

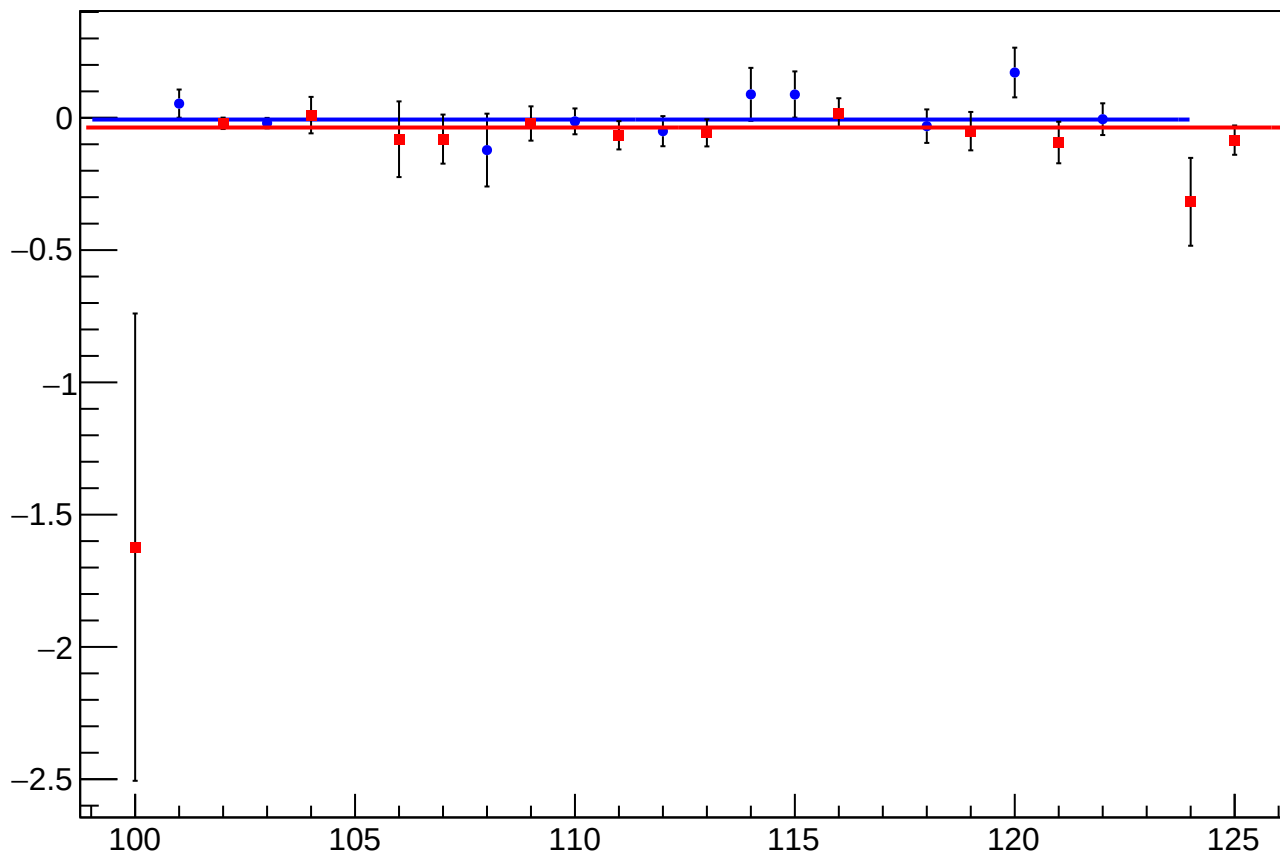
Right: 25.215+/-0.007 χ^2/NDF : 3845393.6/22

In: 23.295+/-0.010 χ^2/NDF : 1902726.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.215+/-0.007 χ^2/NDF : 3845393.6/22

asym_sam_37_avg_eigen_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: -0.037 $\pm$ 0.015 χ^2 /NDF: 10.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

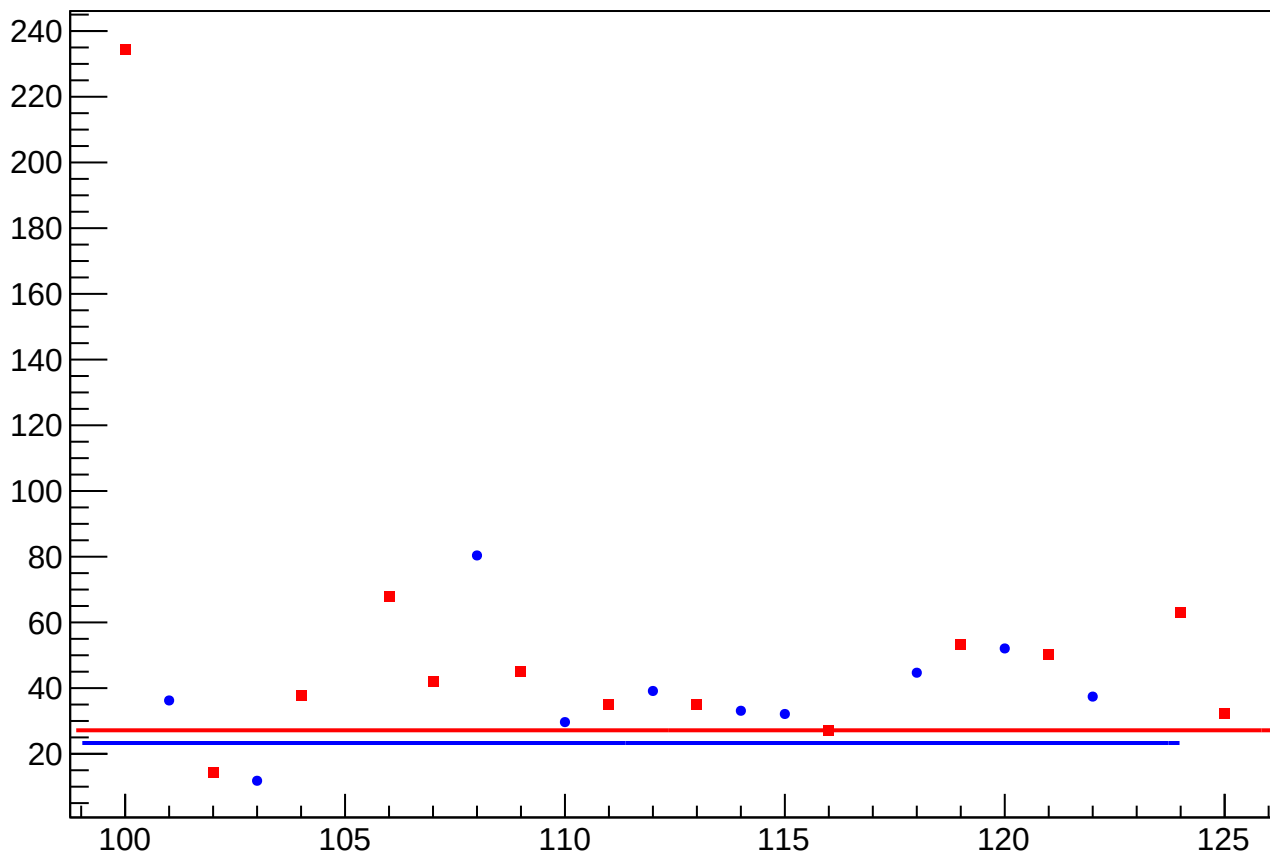
Right: -0.021 $\pm$ 0.010 χ^2 /NDF: 21.1/22

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: -0.021 $\pm$ 0.010 χ^2 /NDF: 21.1/22

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: 27.162+/-0.011 χ^2/NDF : 1874393.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

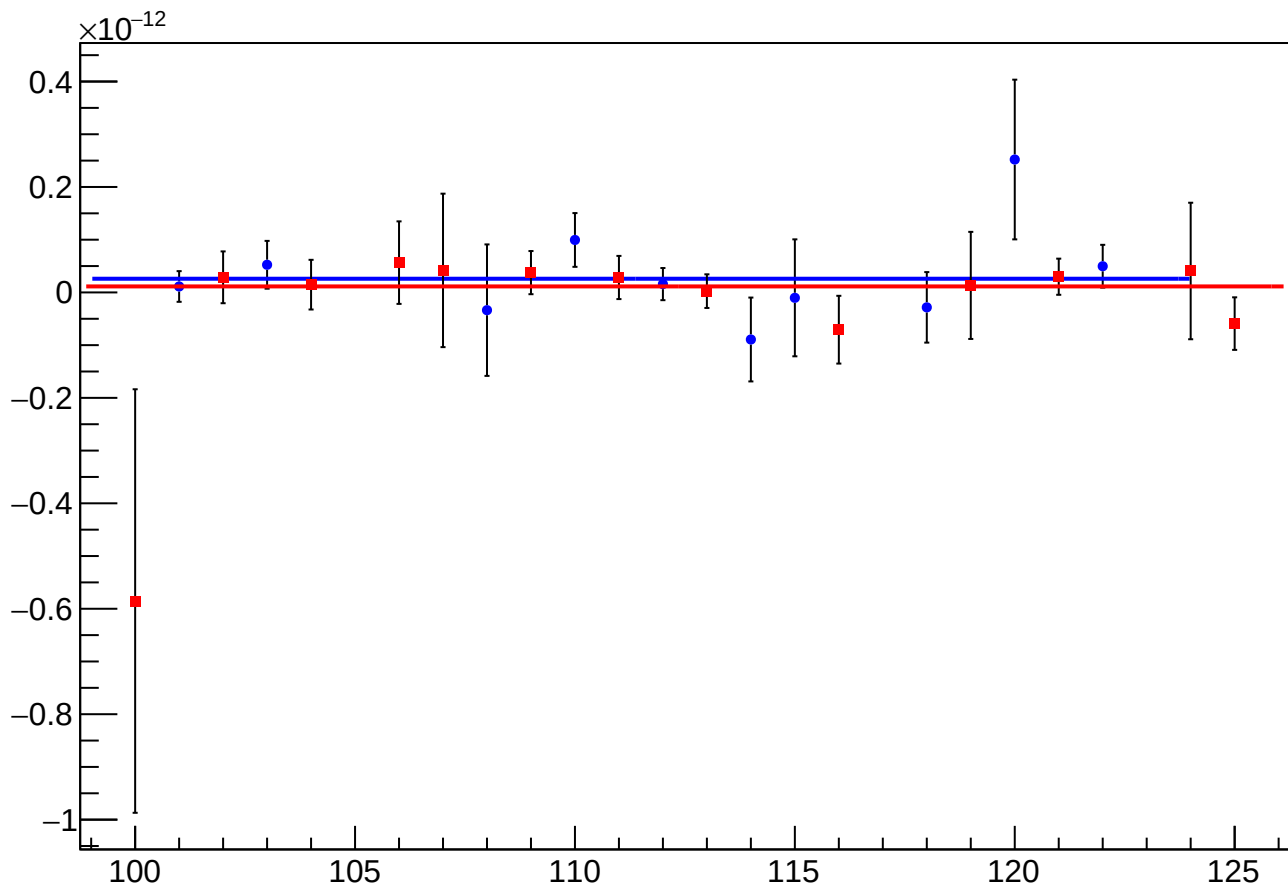
Right: 25.215+/-0.007 χ^2/NDF : 3845393.6/22

In: 23.295+/-0.010 χ^2/NDF : 1902726.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.215+/-0.007 χ^2/NDF : 3845393.6/22

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 : 7.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

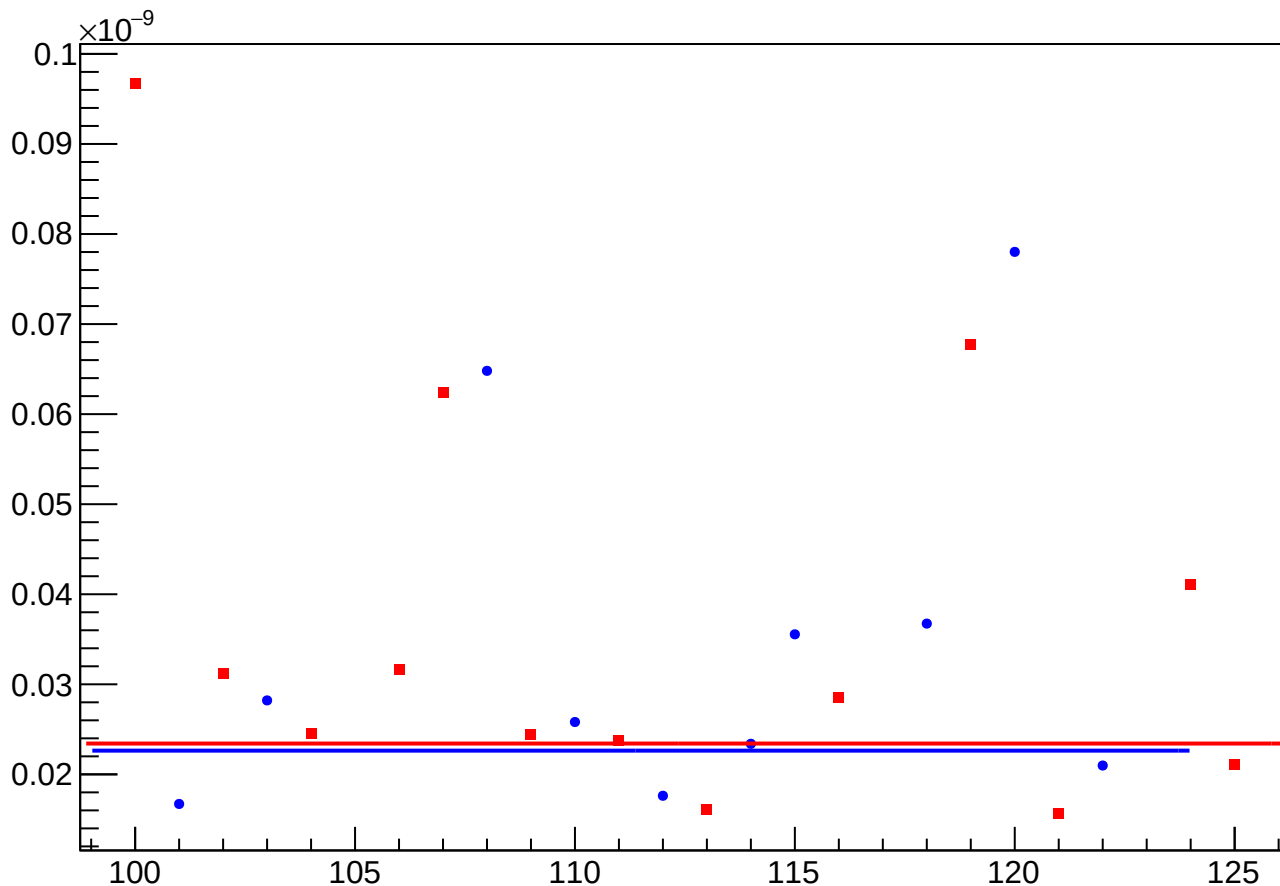
Right: 0.000+/-0.000 χ^2/NDF : 16.3/22

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 : 16.3/22

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 : 928544.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

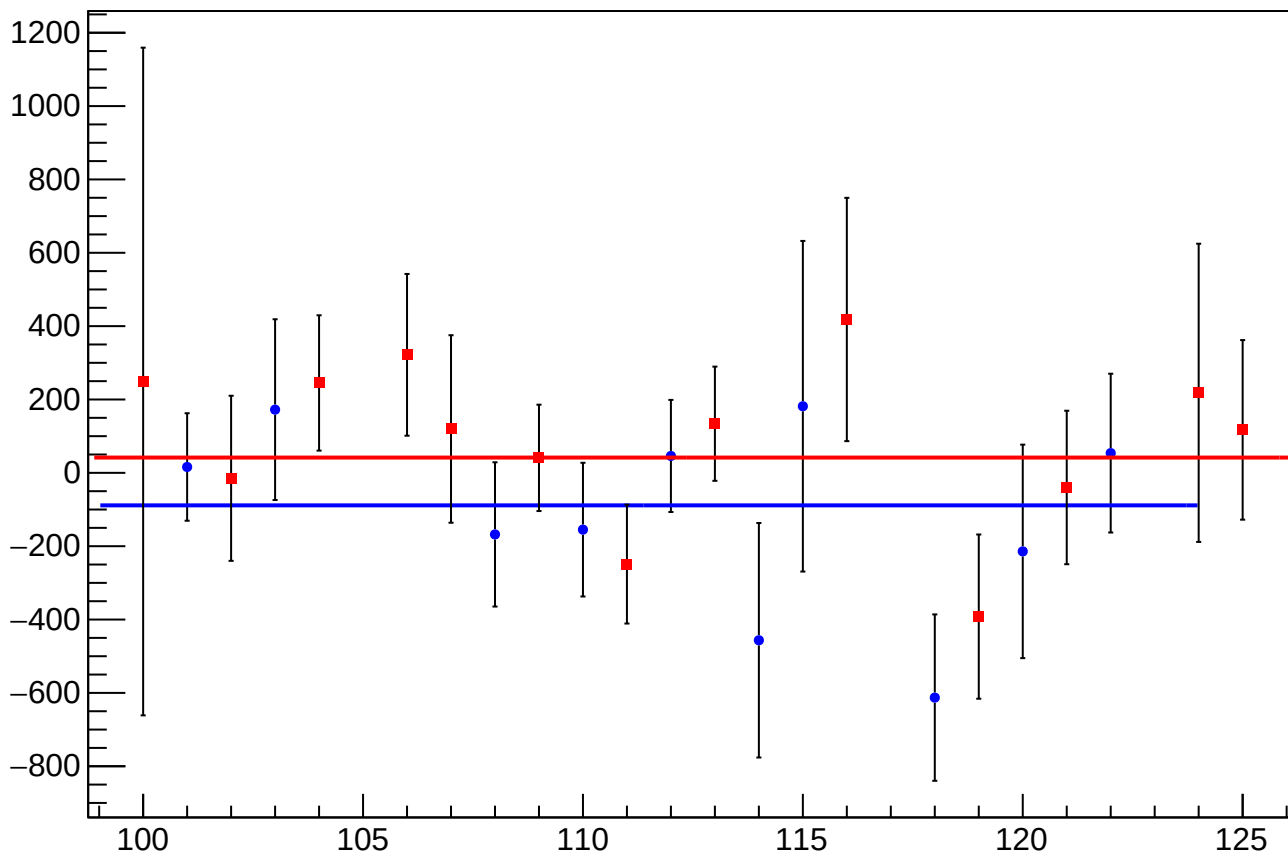
Right: 0.000+/-0.000 χ^2/NDF : 1722123.0/22

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 : 1722123.0/22

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: 41.695 ± 58.955 χ^2/NDF : 12.1/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

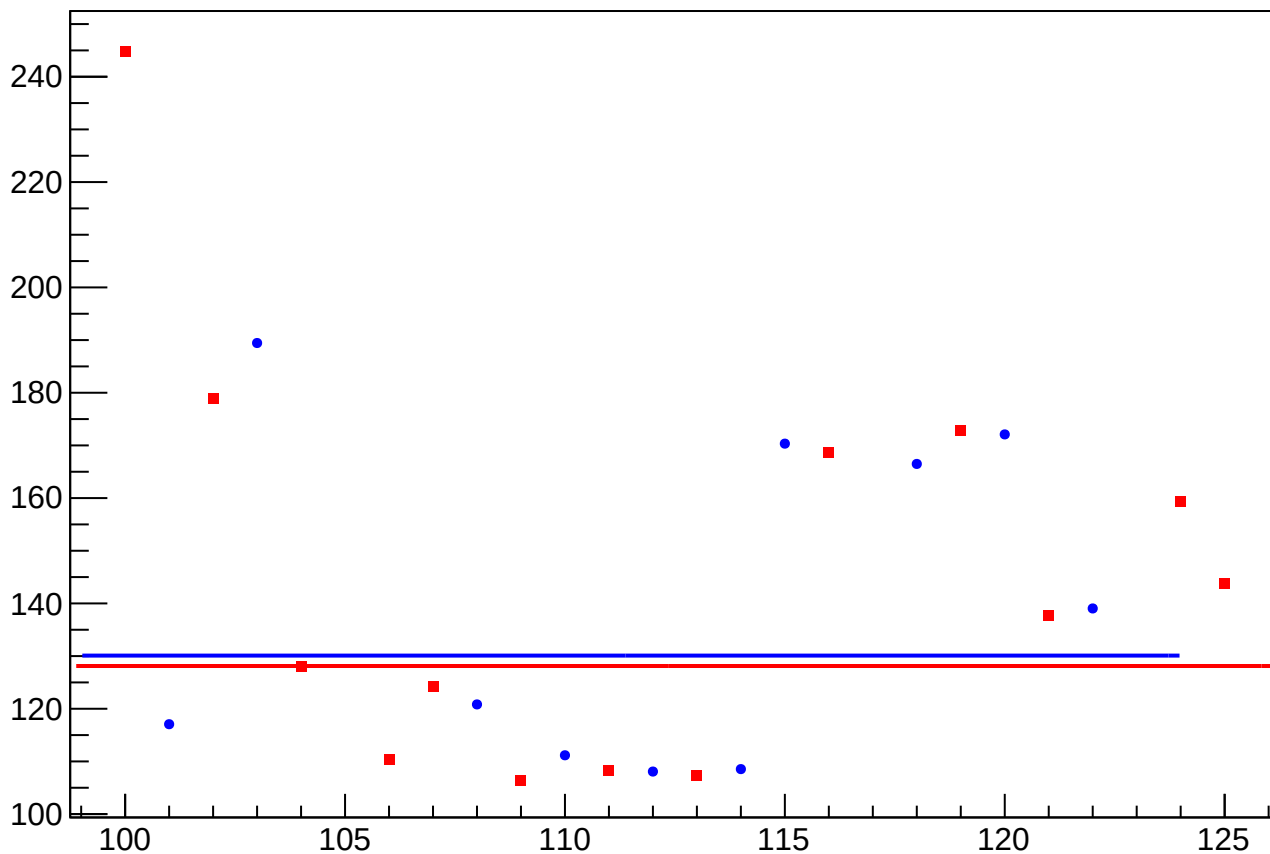
Right: -16.090 ± 43.989 χ^2/NDF : 24.6/22

In: -88.661 ± 66.070 χ^2/NDF : 10.3/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.090 ± 43.989 χ^2/NDF : 24.6/22

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: 128.116+/-0.042 χ^2/NDF : 392533.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

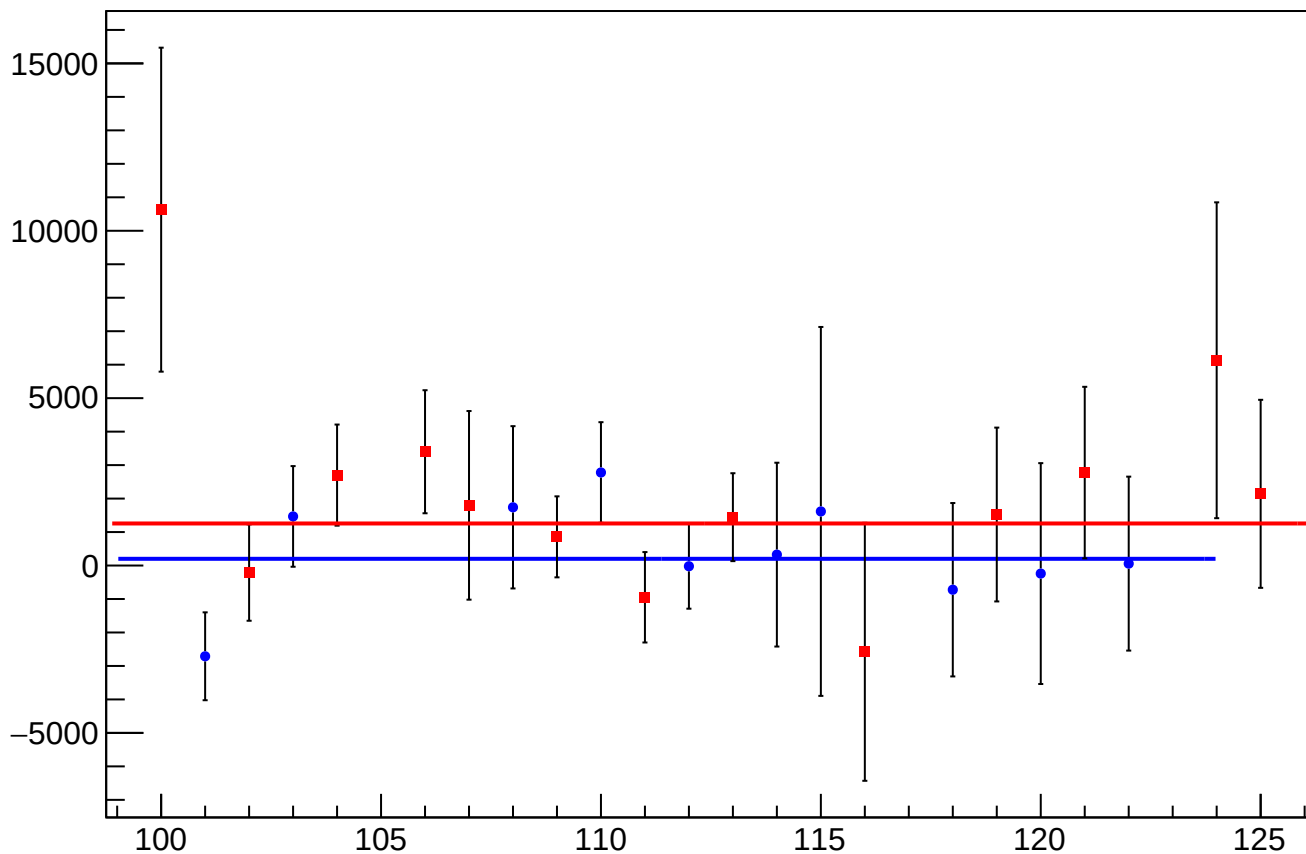
Right: 128.993+/-0.031 χ^2/NDF : 714428.1/22

In: 130.094+/-0.047 χ^2/NDF :320897.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 128.993+/-0.031 χ^2/NDF : 714428.1/22

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: 1256.368+/-517.278 χ^2/NDF : 12.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

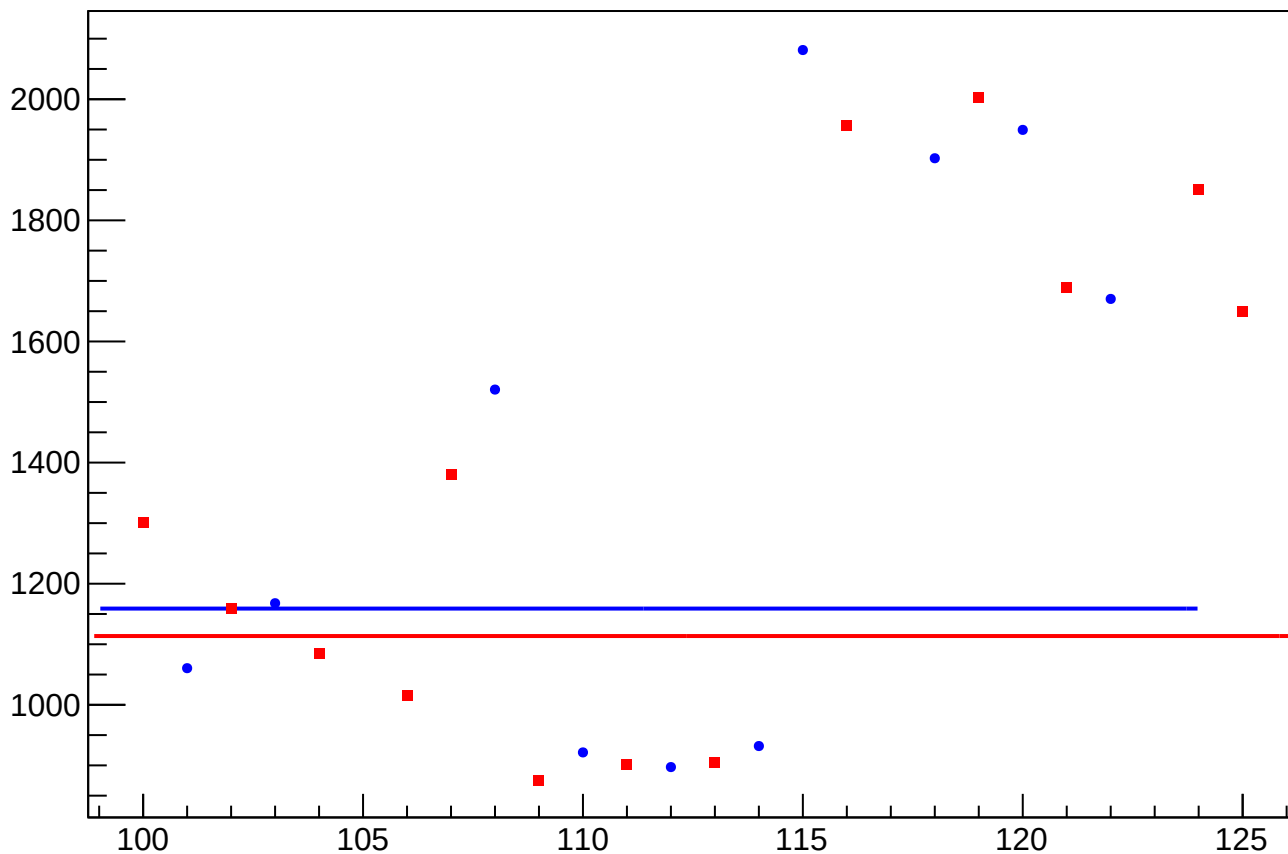
Right: 803.133+/-390.754 χ^2/NDF : 23.4/22

In: 200.774+/-596.334 χ^2/NDF : 9.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 803.133+/-390.754 χ^2/NDF : 23.4/22

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: 1113.584+/-0.366 χ^2/NDF : 759612.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

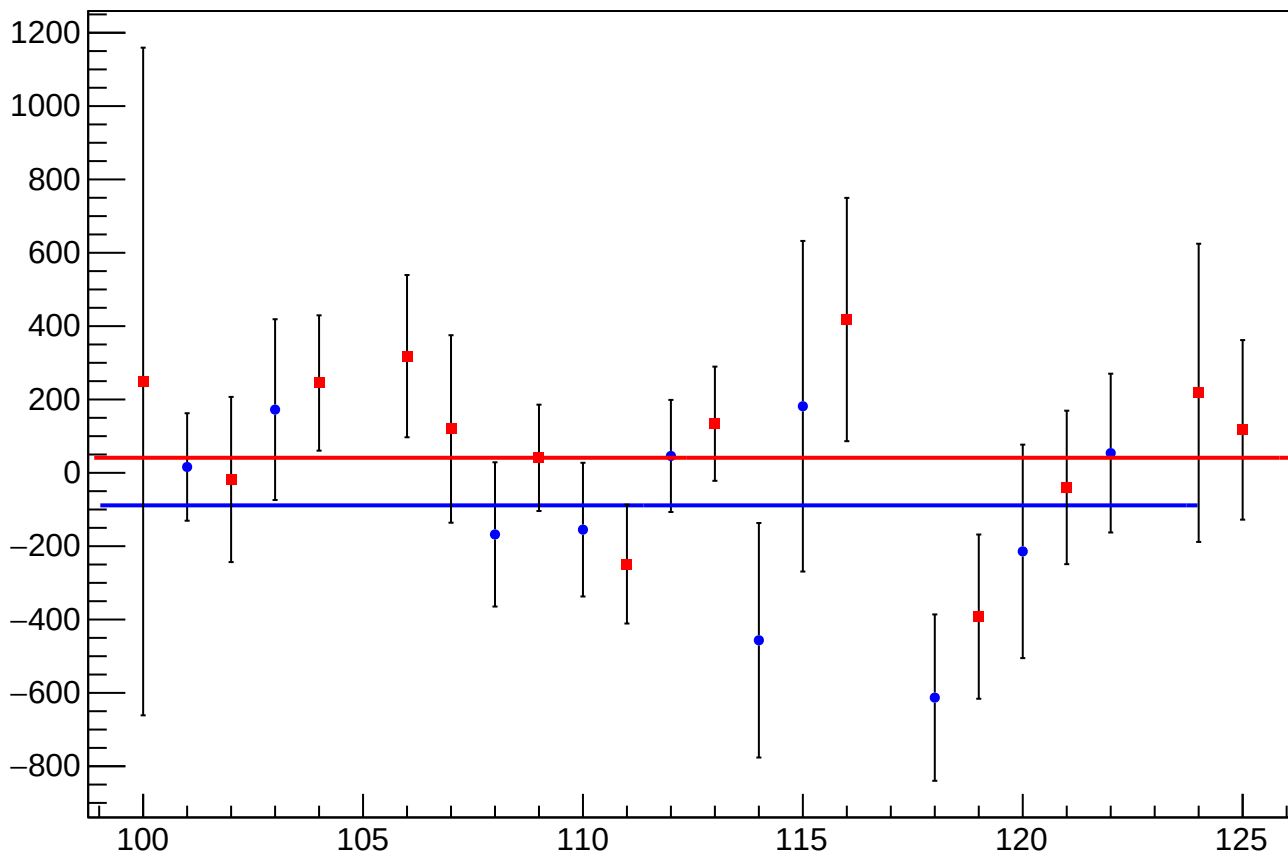
Right: 1133.054+/-0.276 χ^2/NDF : 1384007.1/22

In: 1158.930+/-0.422 χ^2/NDF : 617795.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1133.054+/-0.276 χ^2/NDF : 1384007.1/22

cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -88.680 ± 66.070 $\chi^2/\text{NDF}: 10.3/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 41.078 ± 58.970 $\chi^2/\text{NDF}: 12.0/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

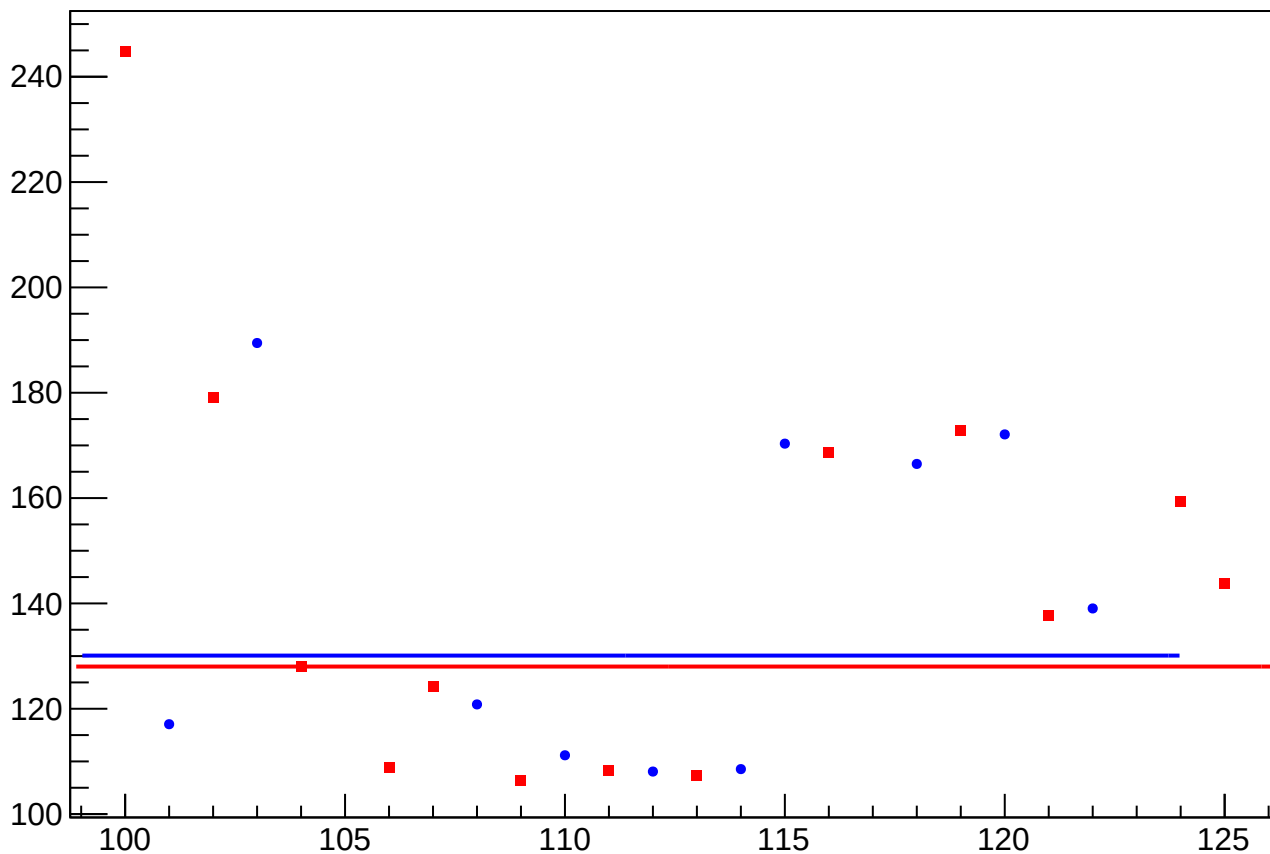
Right: -16.458 ± 43.995 $\chi^2/\text{NDF}: 24.5/22$

In: -88.680 ± 66.070 $\chi^2/\text{NDF}: 10.3/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -16.458 ± 43.995 $\chi^2/\text{NDF}: 24.5/22$

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: 128.013+/-0.042 χ^2/NDF : 395088.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

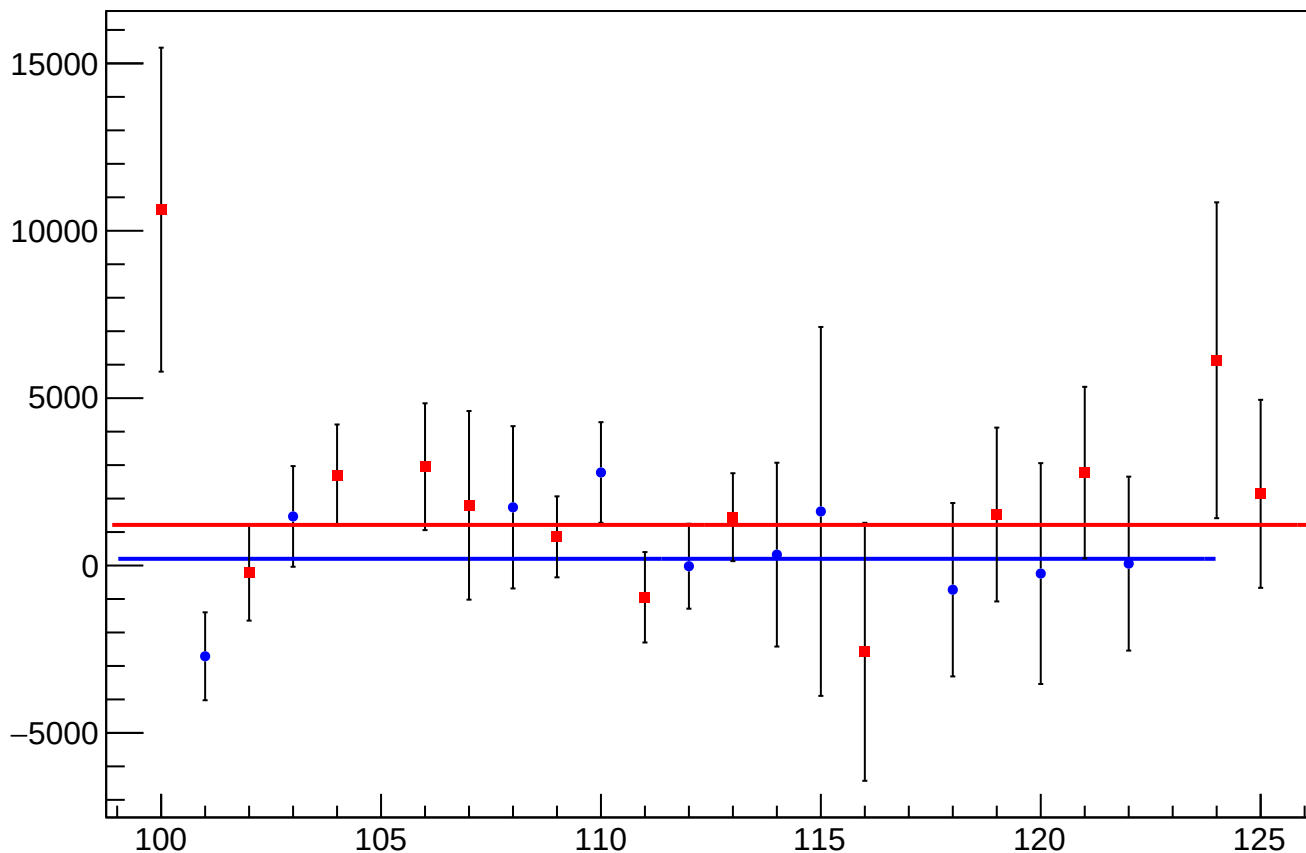
Right: 128.935+/-0.031 χ^2/NDF : 717093.1/22

In: 130.094+/-0.047 χ^2/NDF :320900.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 128.935+/-0.031 χ^2/NDF : 717093.1/22

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: 1213.910+/-518.523 χ^2/NDF : 11.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

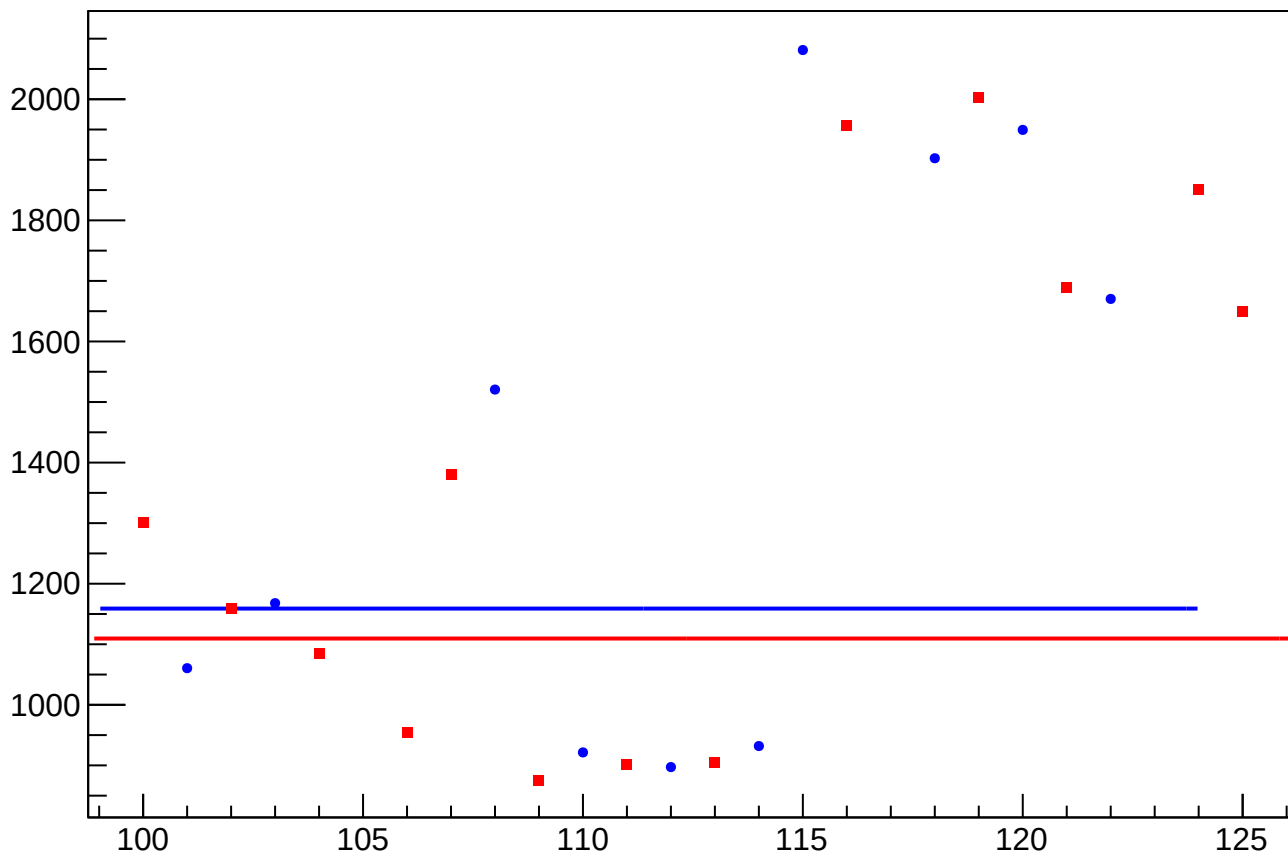
Right: 777.678+/-391.292 χ^2/NDF : 22.7/22

In: 200.680+/-596.343 χ^2/NDF : 9.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 777.678+/-391.292 χ^2/NDF : 22.7/22

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: 1109.479+/-0.367 χ^2/NDF : 768073.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

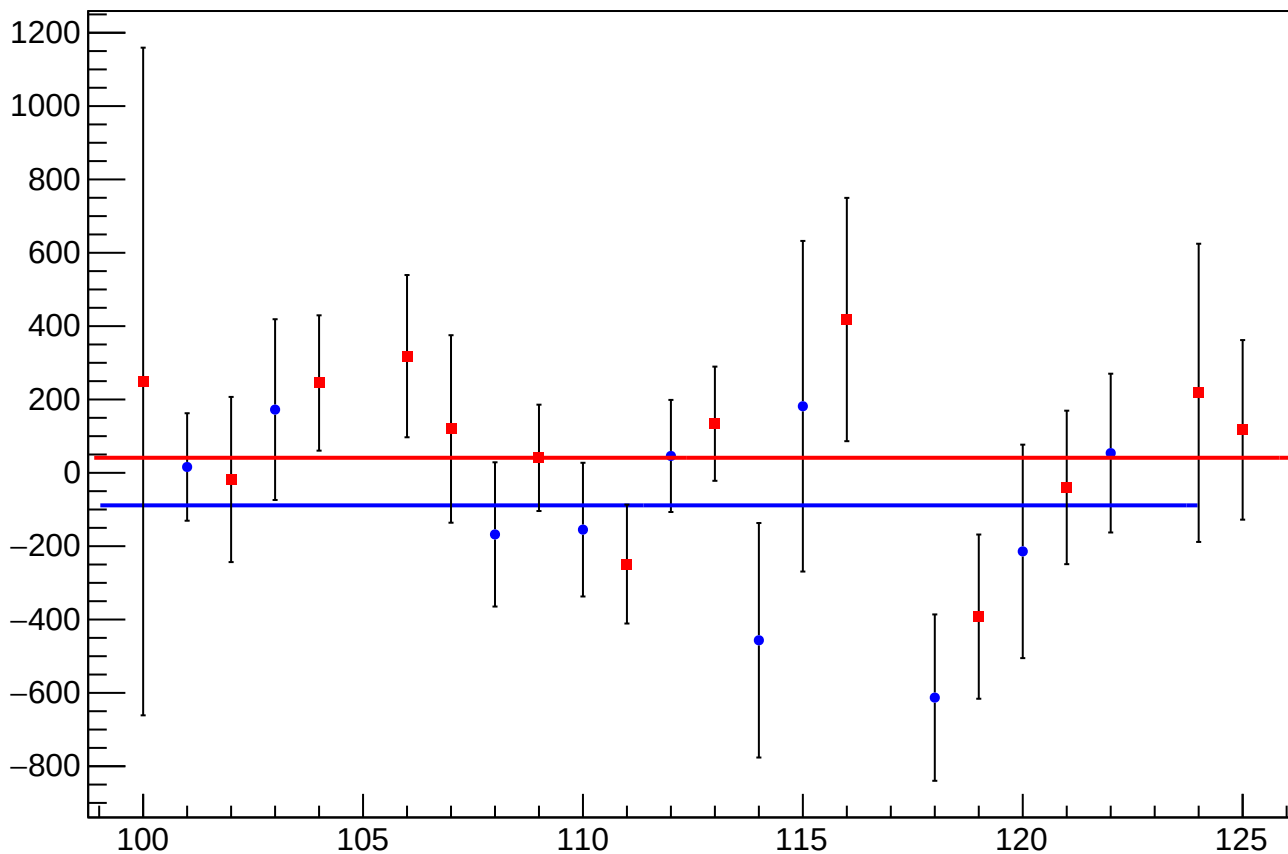
Right: 1130.777+/-0.277 χ^2/NDF : 1393705.7/22

In: 1158.946+/-0.422 χ^2/NDF : 617795.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1130.777+/-0.277 χ^2/NDF : 1393705.7/22

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: 41.078+/-58.970 χ^2/NDF : 12.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

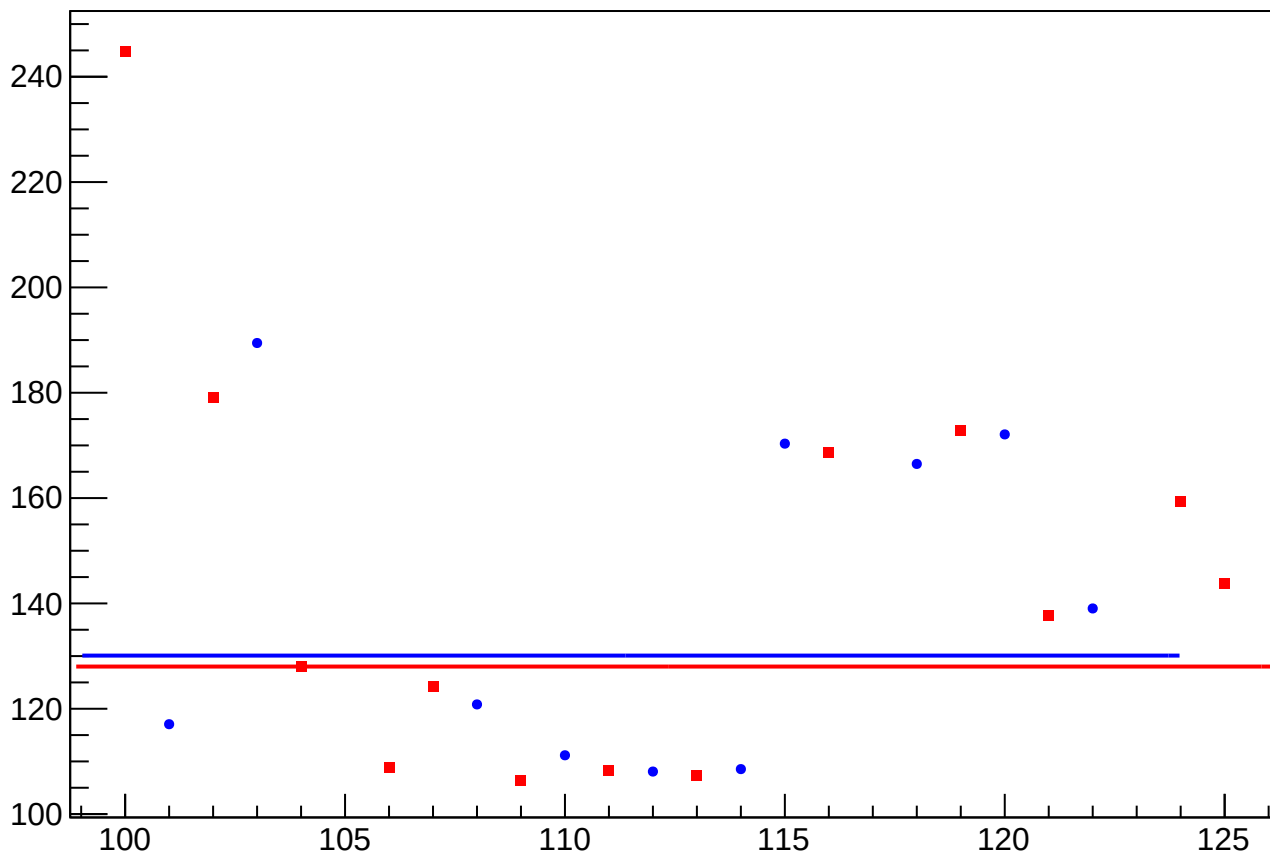
Right: -16.458+/-43.995 χ^2/NDF : 24.5/22

In: -88.680+/-66.070 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.458+/-43.995 χ^2/NDF : 24.5/22

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: 128.013+/-0.042 χ^2/NDF : 395088.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

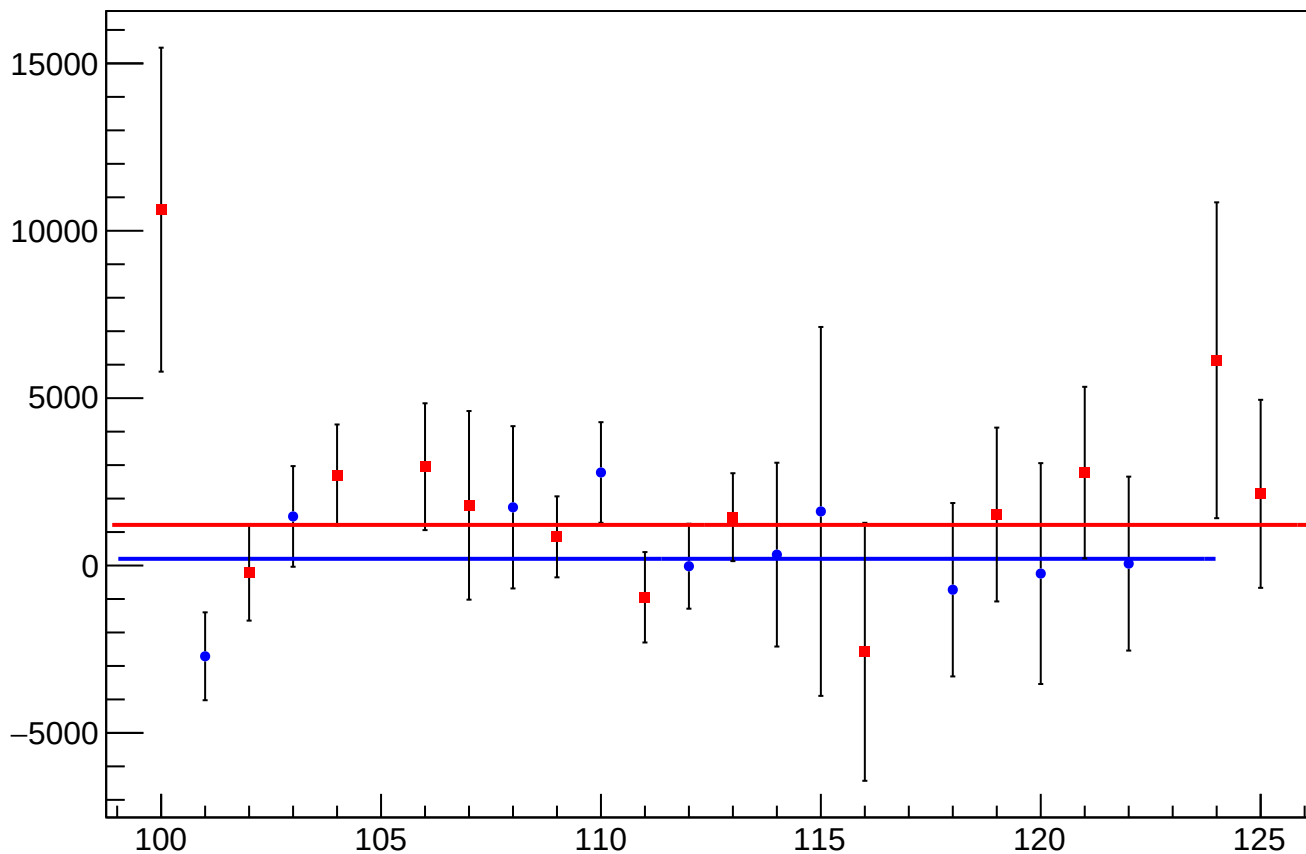
Right: 128.935+/-0.031 χ^2/NDF : 717093.1/22

In: 130.094+/-0.047 χ^2/NDF :320900.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 128.935+/-0.031 χ^2/NDF : 717093.1/22

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: 1213.910+/-518.523 χ^2/NDF : 11.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

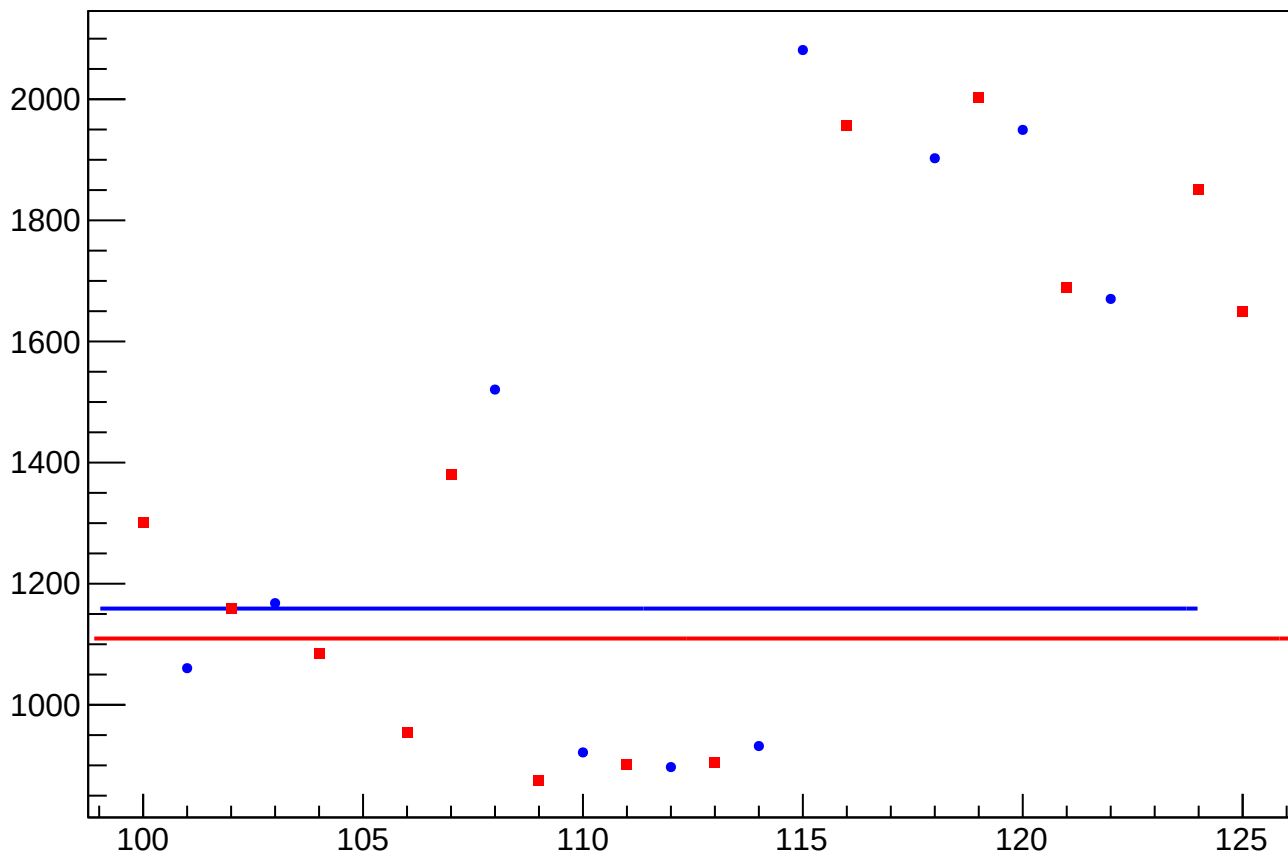
Right: 777.678+/-391.292 χ^2/NDF : 22.7/22

In: 200.680+/-596.343 χ^2/NDF :9.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 777.678+/-391.292 χ^2/NDF : 22.7/22

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: 1109.479+/-0.367 χ^2/NDF : 768073.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

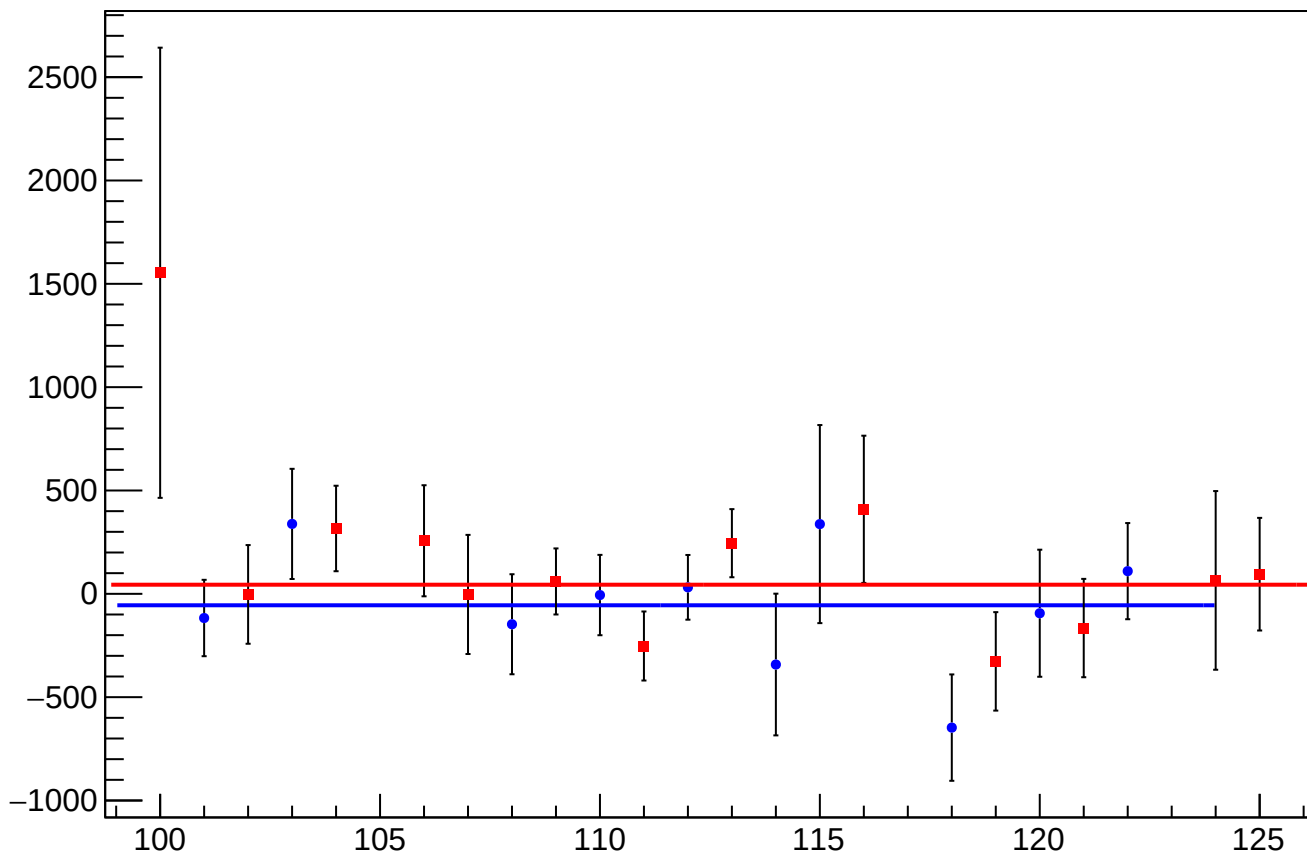
Right: 1130.777+/-0.277 χ^2/NDF : 1393705.7/22

In: 1158.946+/-0.422 χ^2/NDF : 617795.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1130.777+/-0.277 χ^2/NDF : 1393705.7/22

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: 44.147+/-64.353 χ^2/NDF : 13.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

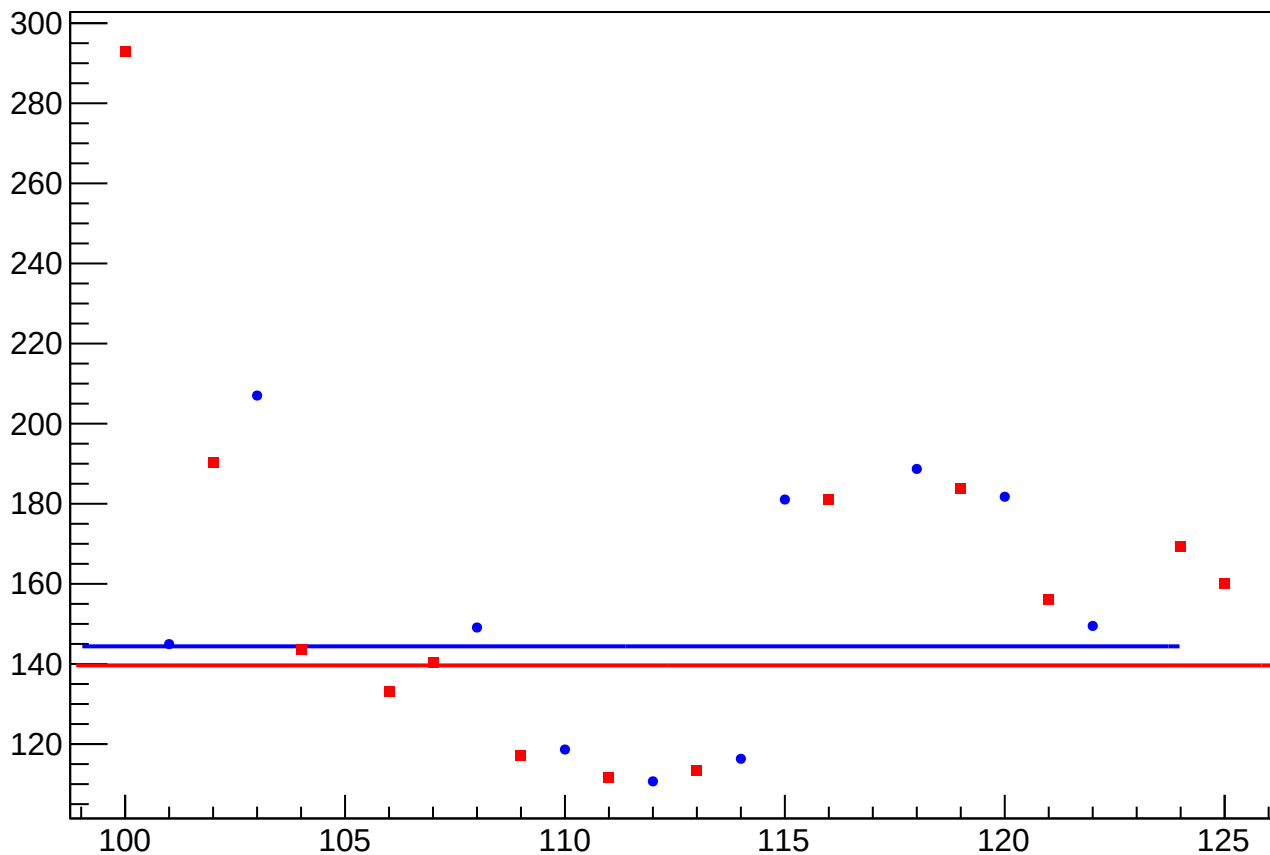
Right: 1.015+/-48.439 χ^2/NDF : 24.3/22

In: -55.370+/-73.577 χ^2/NDF :10.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.015+/-48.439 χ^2/NDF : 24.3/22

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 144.400 $\pm$ 0.052 χ^2 /NDF: 353915.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 139.640 $\pm$ 0.046 χ^2 /NDF: 404511.6/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

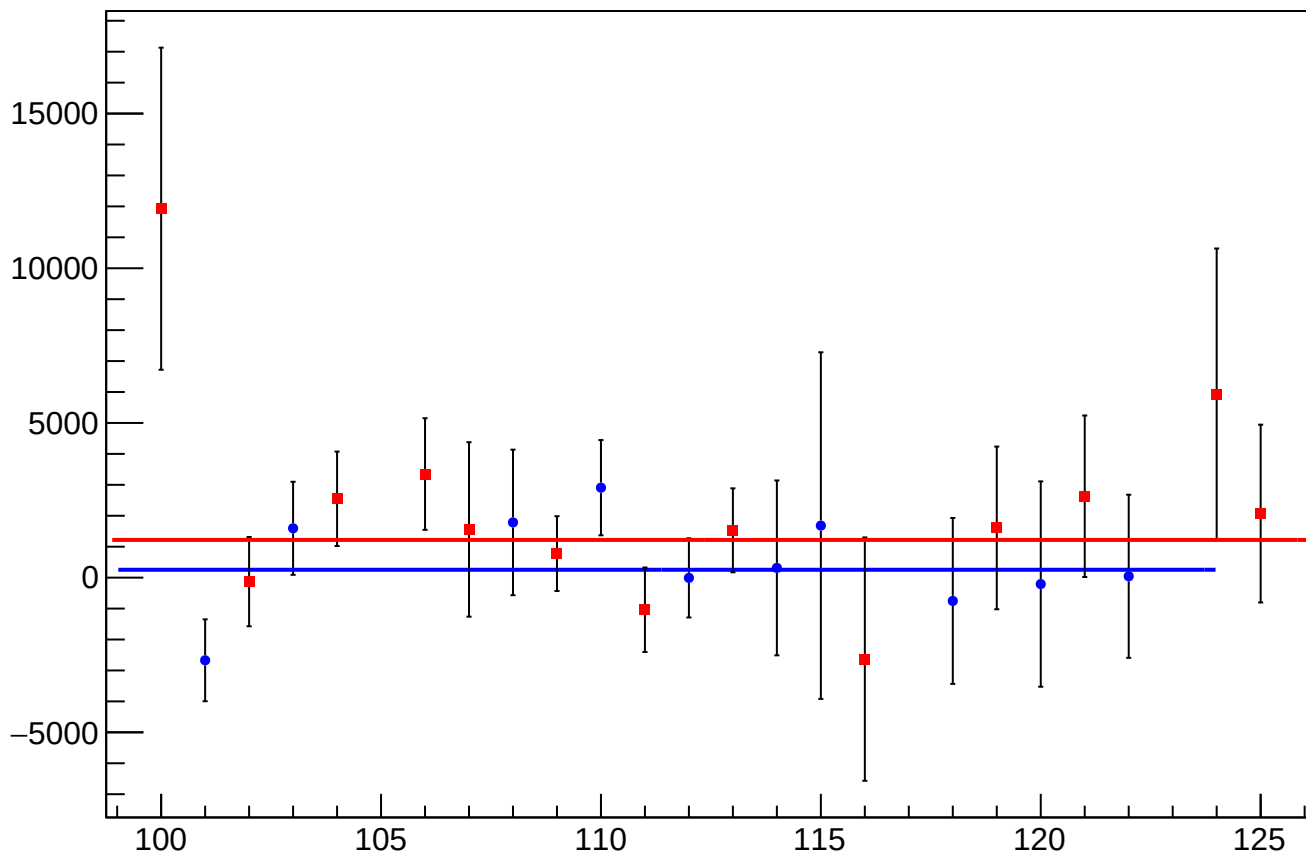
Right: 141.703 $\pm$ 0.034 χ^2 /NDF: 763170.8/22

In: 144.400 $\pm$ 0.052 χ^2 /NDF:353915.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 141.703 $\pm$ 0.034 χ^2 /NDF: 763170.8/22

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: 1219.039+/-522.303 χ^2/NDF : 12.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

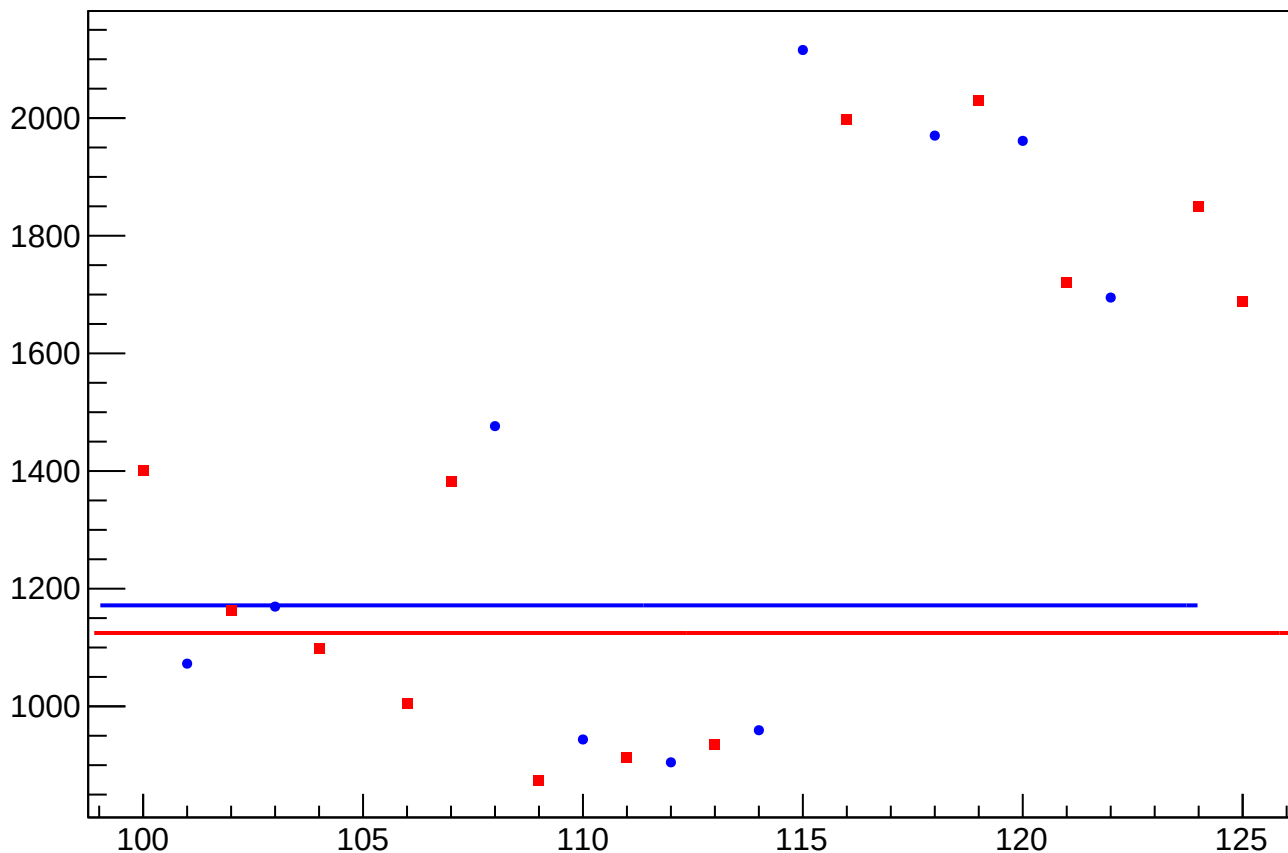
Right: 804.892+/-394.574 χ^2/NDF : 23.4/22

In: 254.322+/-602.215 χ^2/NDF :9.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 804.892+/-394.574 χ^2/NDF : 23.4/22

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: 1124.692+/-0.369 χ^2/NDF : 769654.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

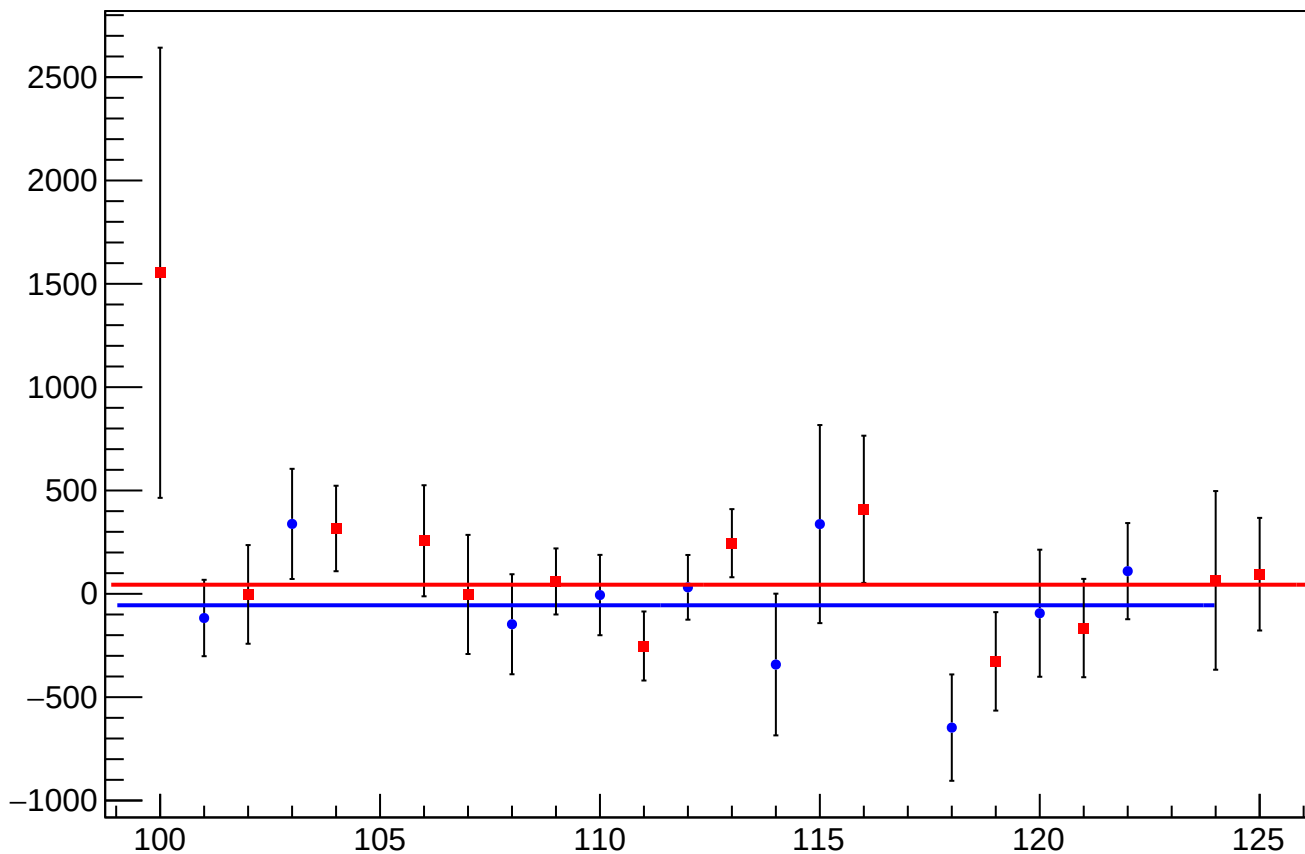
Right: 1144.844+/-0.279 χ^2/NDF : 1389749.0/22

In: 1171.633+/-0.426 χ^2/NDF : 613159.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1144.844+/-0.279 χ^2/NDF : 1389749.0/22

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: 44.146+/-64.353 χ^2/NDF : 13.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

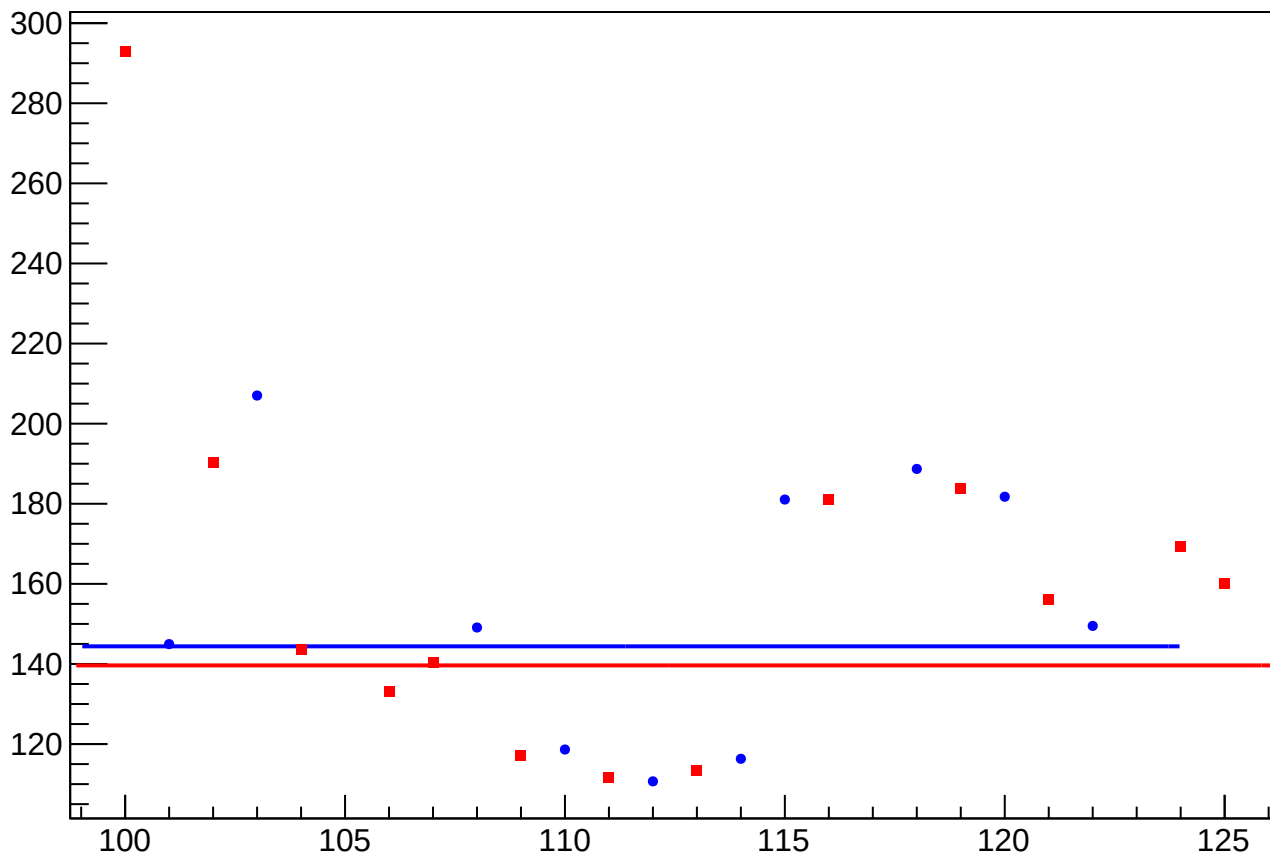
Right: 1.014+/-48.439 χ^2/NDF : 24.3/22

In: -55.370+/-73.577 χ^2/NDF :10.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.014+/-48.439 χ^2/NDF : 24.3/22

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: 139.639+/-0.046 χ^2/NDF : 404514.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

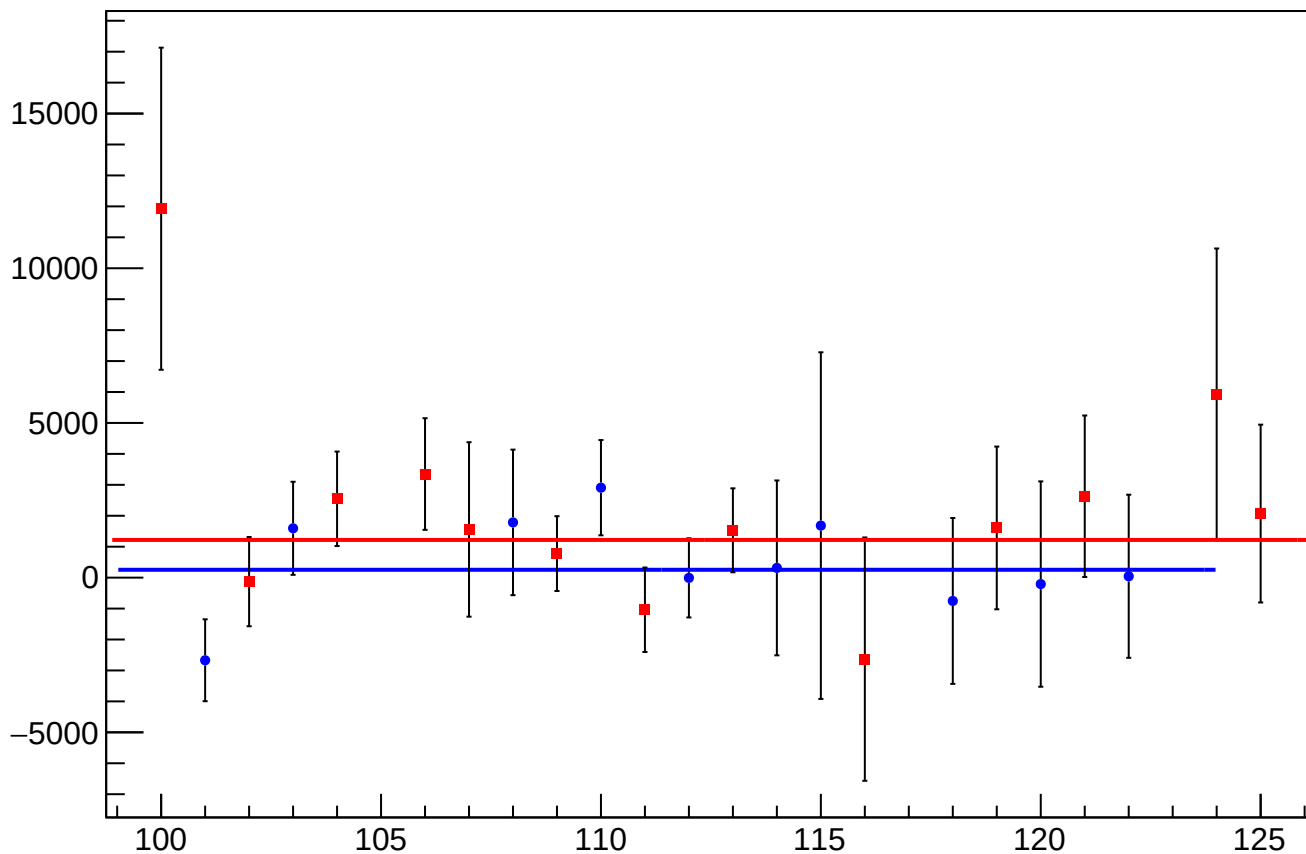
Right: 141.703+/-0.034 χ^2/NDF : 763177.9/22

In: 144.400+/-0.052 χ^2/NDF : 353920.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.703+/-0.034 χ^2/NDF : 763177.9/22

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: 1219.037+/-522.303 χ^2/NDF : 12.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

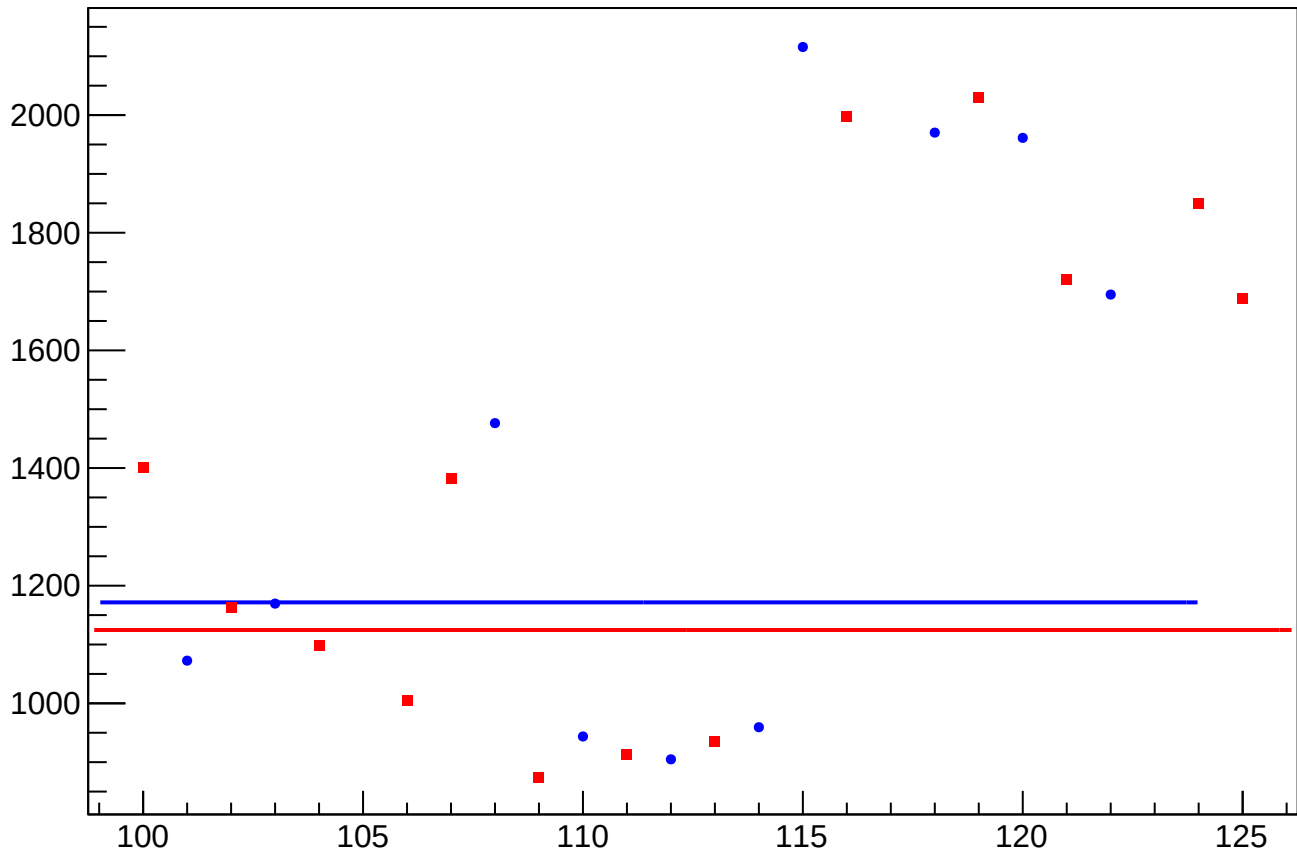
Right: 804.891+/-394.574 χ^2/NDF : 23.4/22

In: 254.322+/-602.215 χ^2/NDF : 9.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 804.891+/-394.574 χ^2/NDF : 23.4/22

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: 1124.691+/-0.369 χ^2/NDF : 769657.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

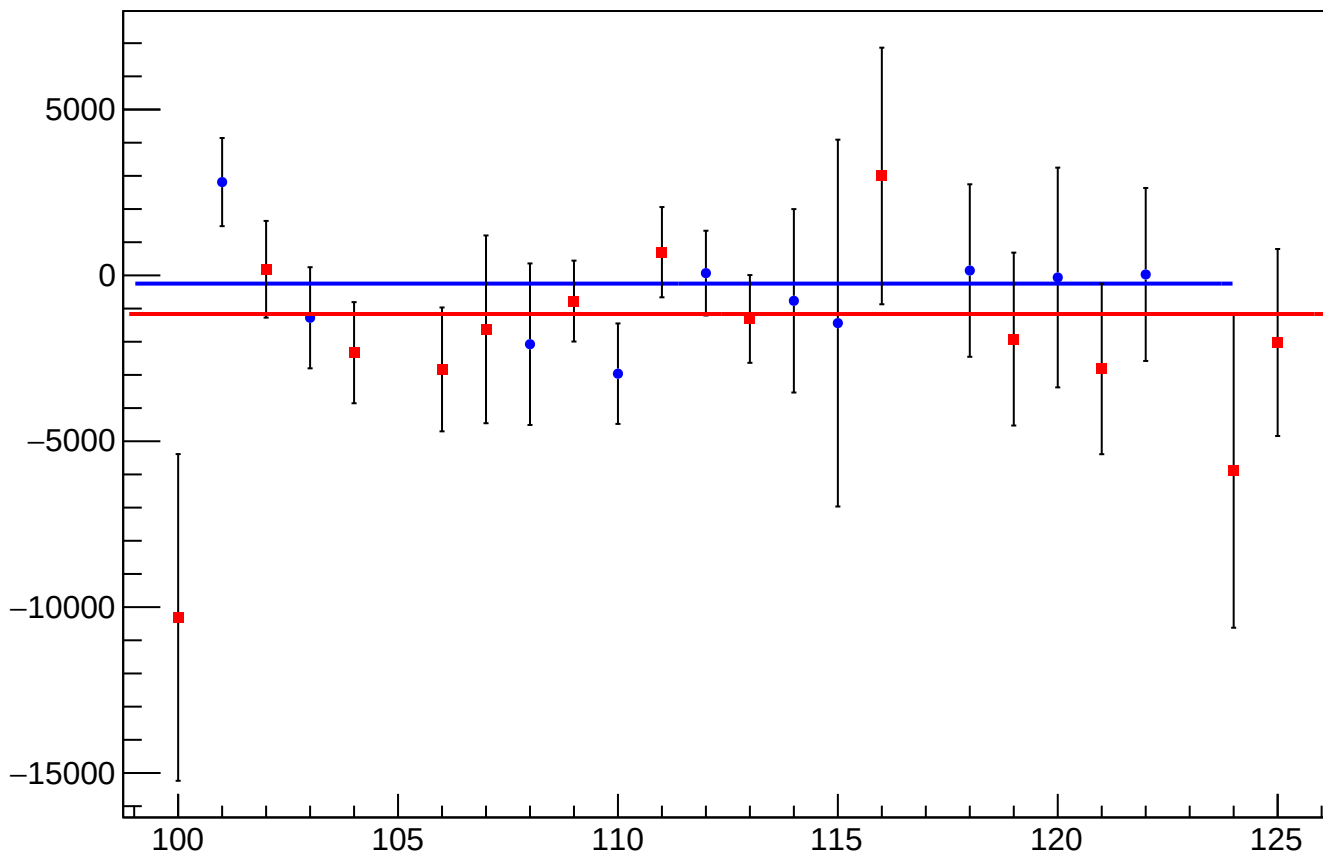
Right: 1144.842+/-0.279 χ^2/NDF : 1389754.2/22

In: 1171.632+/-0.426 χ^2/NDF : 613161.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1144.842+/-0.279 χ^2/NDF : 1389754.2/22

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: -1163.998+/-521.681 χ^2/NDF : 10.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

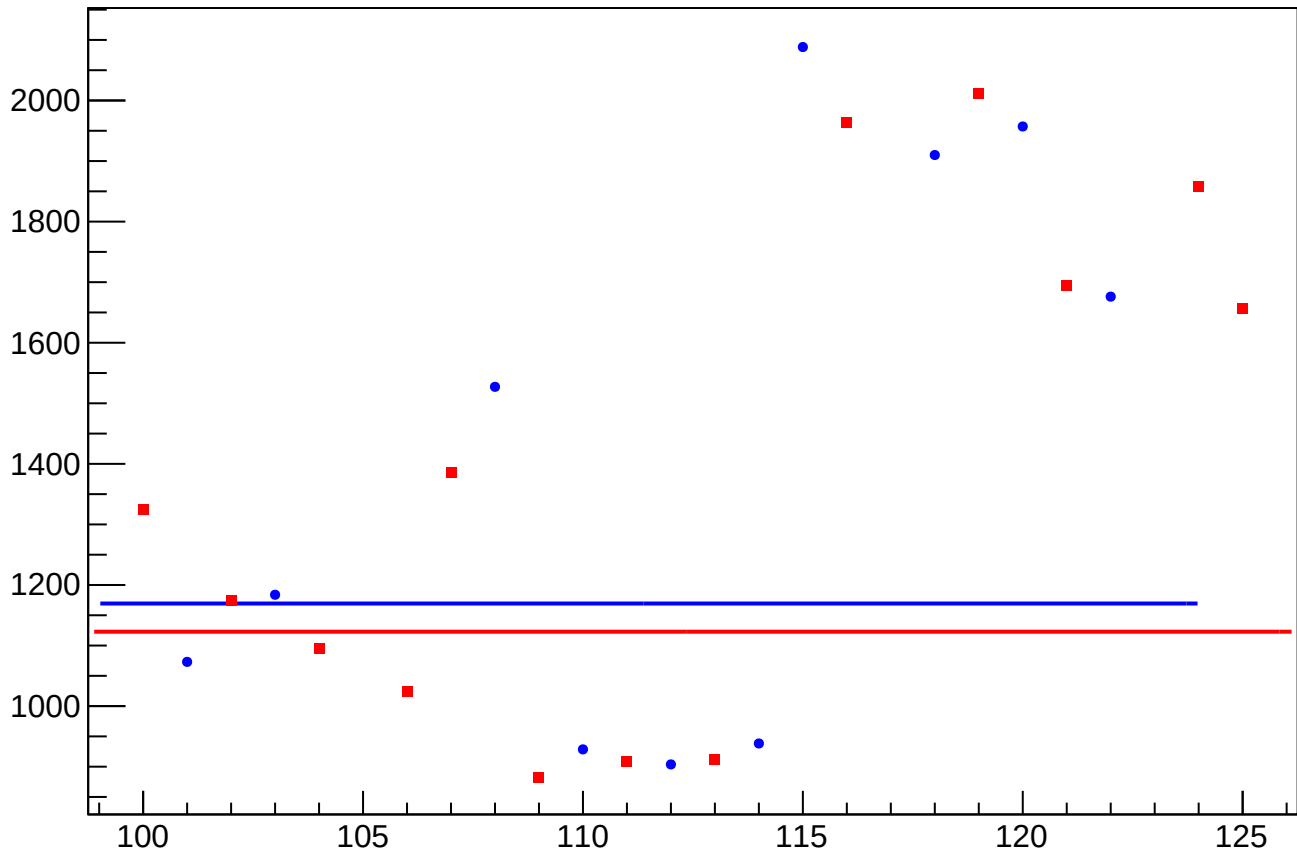
Right: -770.638+/-394.110 χ^2/NDF : 21.5/22

In: -247.671+/-601.516 χ^2/NDF :9.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -770.638+/-394.110 χ^2/NDF : 21.5/22

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1169.402 $\pm$ 0.425 χ^2 /NDF: 611072.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1122.871 $\pm$ 0.369 χ^2 /NDF: 753312.1/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

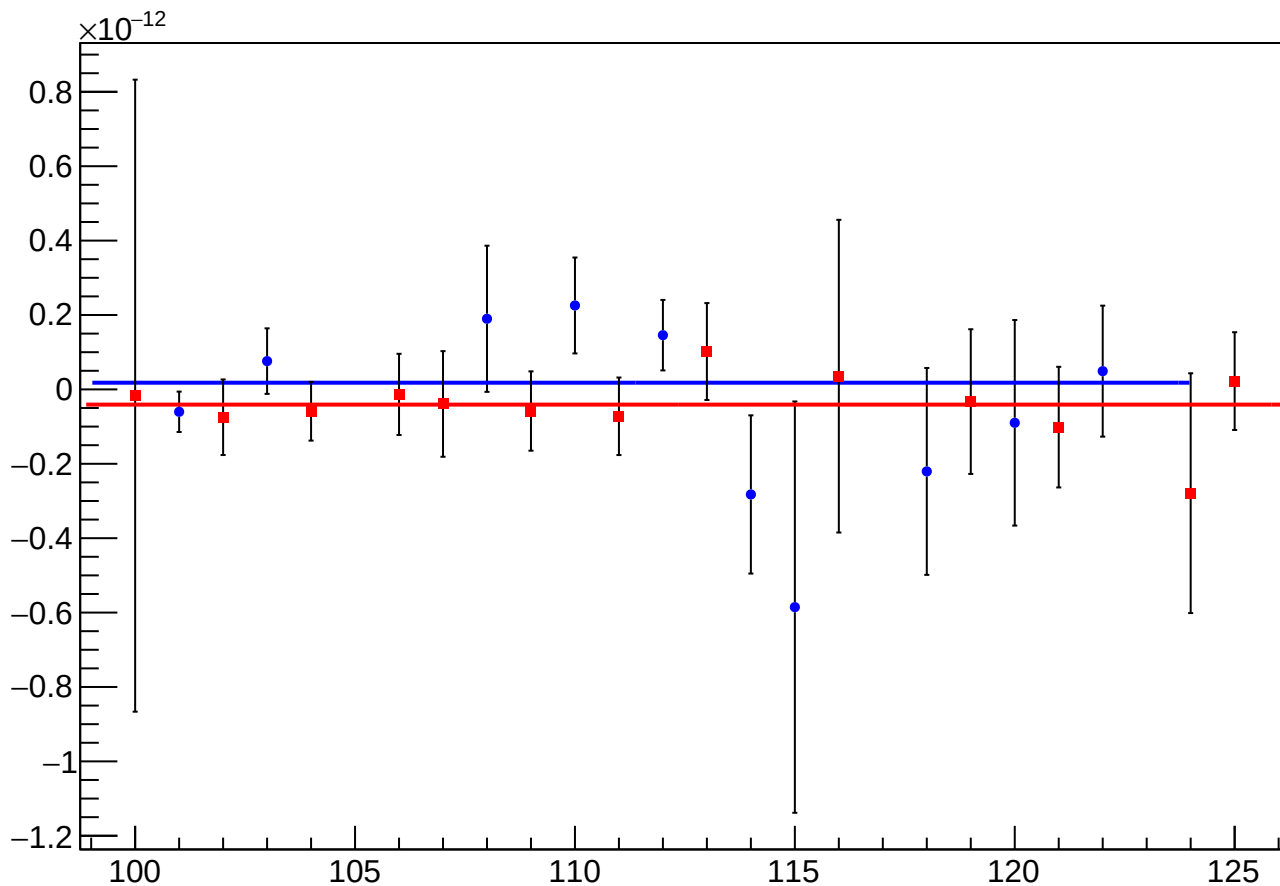
Right: 1142.846 $\pm$ 0.279 χ^2 /NDF: 1371214.7/22

In: 1169.402 $\pm$ 0.425 χ^2 /NDF:611072.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1142.846 $\pm$ 0.279 χ^2 /NDF: 1371214.7/22

asym_sam_48_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

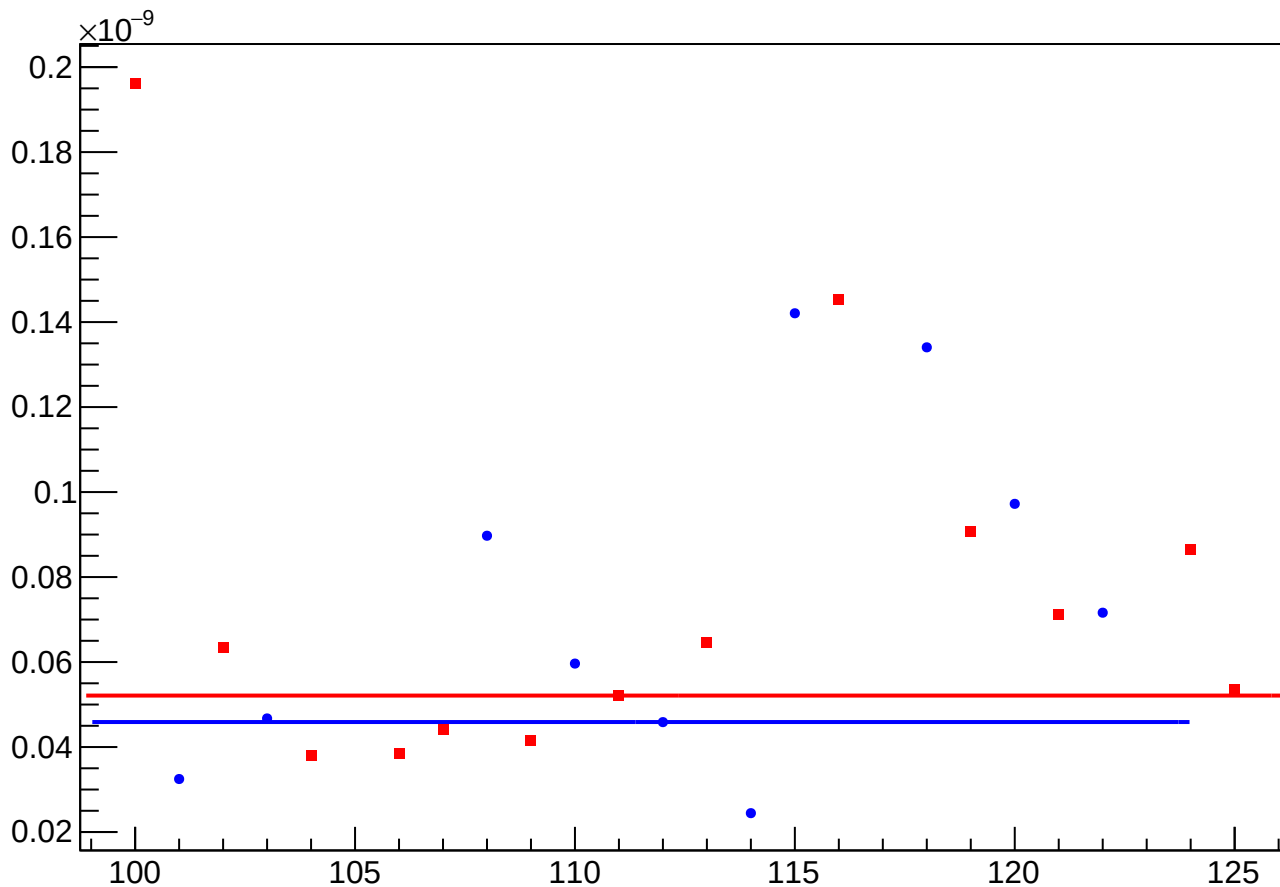
Right: -0.000+/-0.000 χ^2/NDF : 15.6/22

In: 0.000+/-0.000 χ^2/NDF : 11.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.6/22

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 : 449163.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

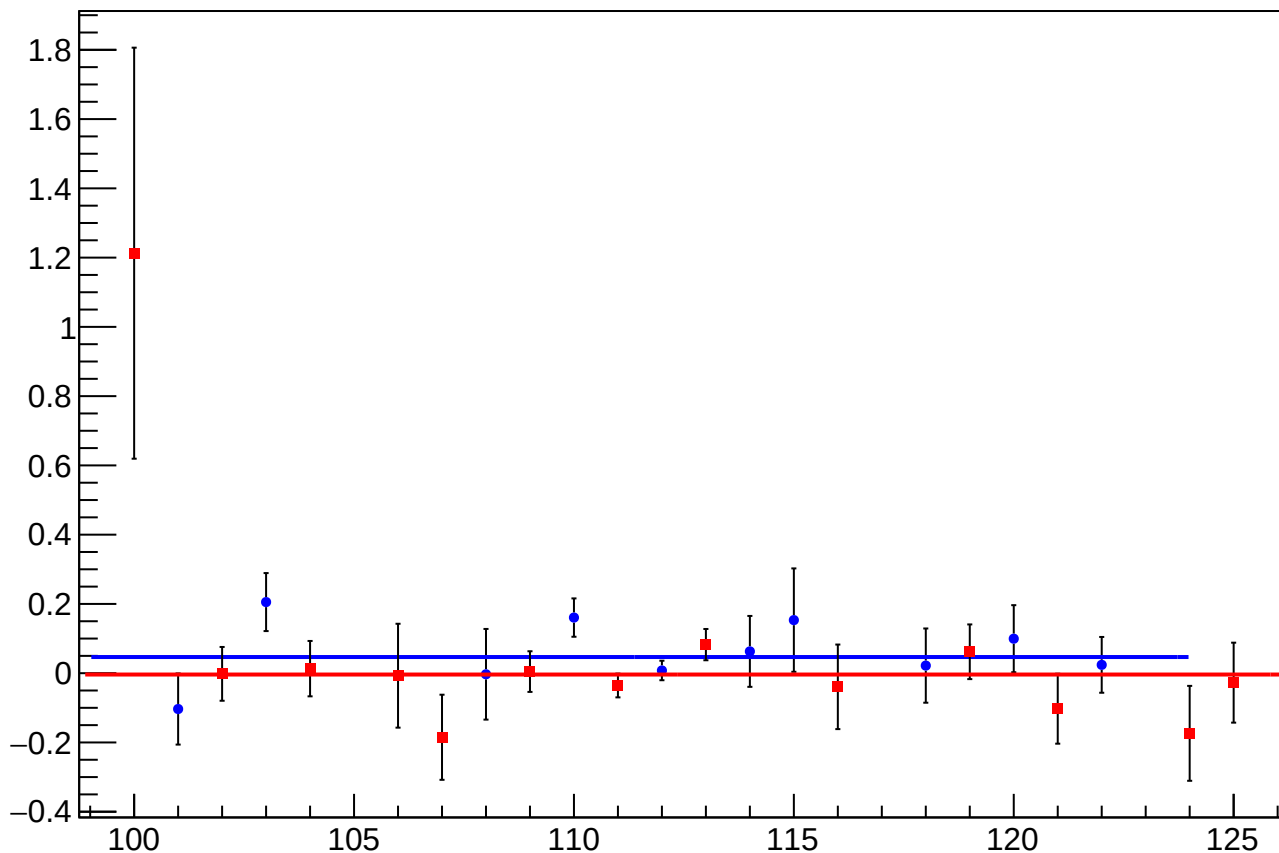
Right: 0.000+/-0.000 χ^2/NDF : 1116934.2/22

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 : 1116934.2/22

asym_sam_48_avg_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: -0.004 $\pm$ 0.020 χ^2 /NDF: 14.3/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

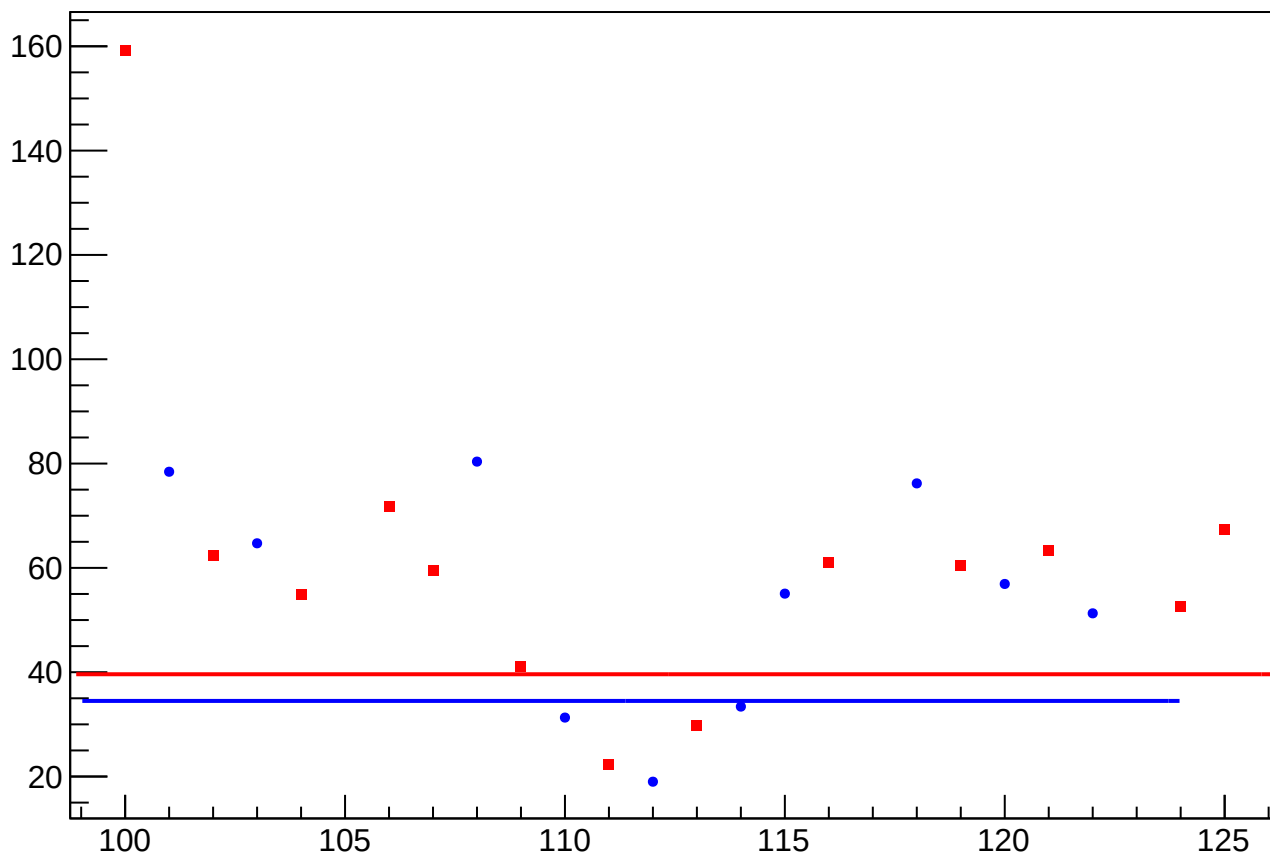
Right: 0.021 $\pm$ 0.014 χ^2 /NDF: 30.4/22

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: 0.021 $\pm$ 0.014 χ^2 /NDF: 30.4/22

asym_sam_48_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.494 $\pm$ 0.015 χ^2 /NDF: 2019133.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 39.609 $\pm$ 0.014 χ^2 /NDF: 1523631.8/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

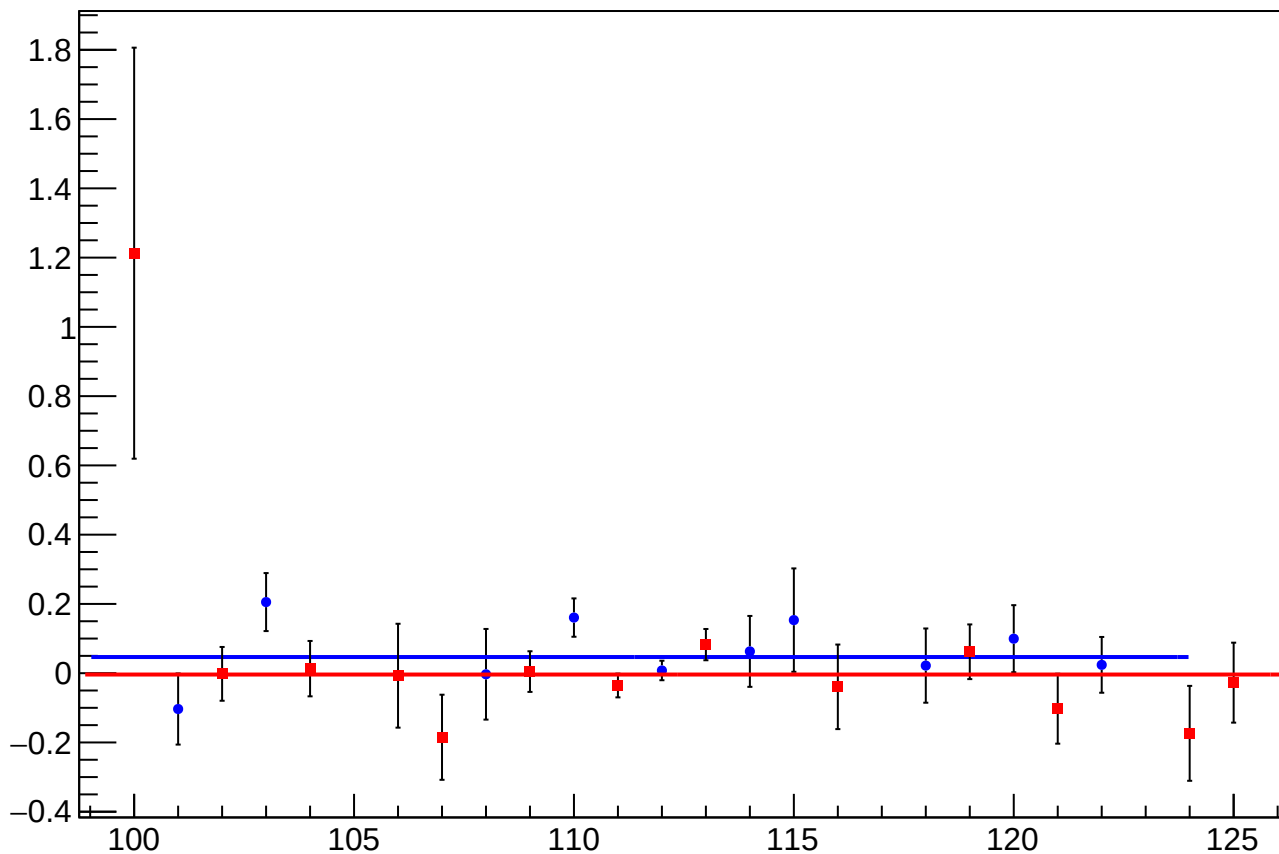
Right: 37.129 $\pm$ 0.010 χ^2 /NDF: 3606673.7/22

In: 34.494 $\pm$ 0.015 χ^2 /NDF:2019133.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 37.129 $\pm$ 0.010 χ^2 /NDF: 3606673.7/22

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: -0.004+/-0.020 χ^2/NDF : 14.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

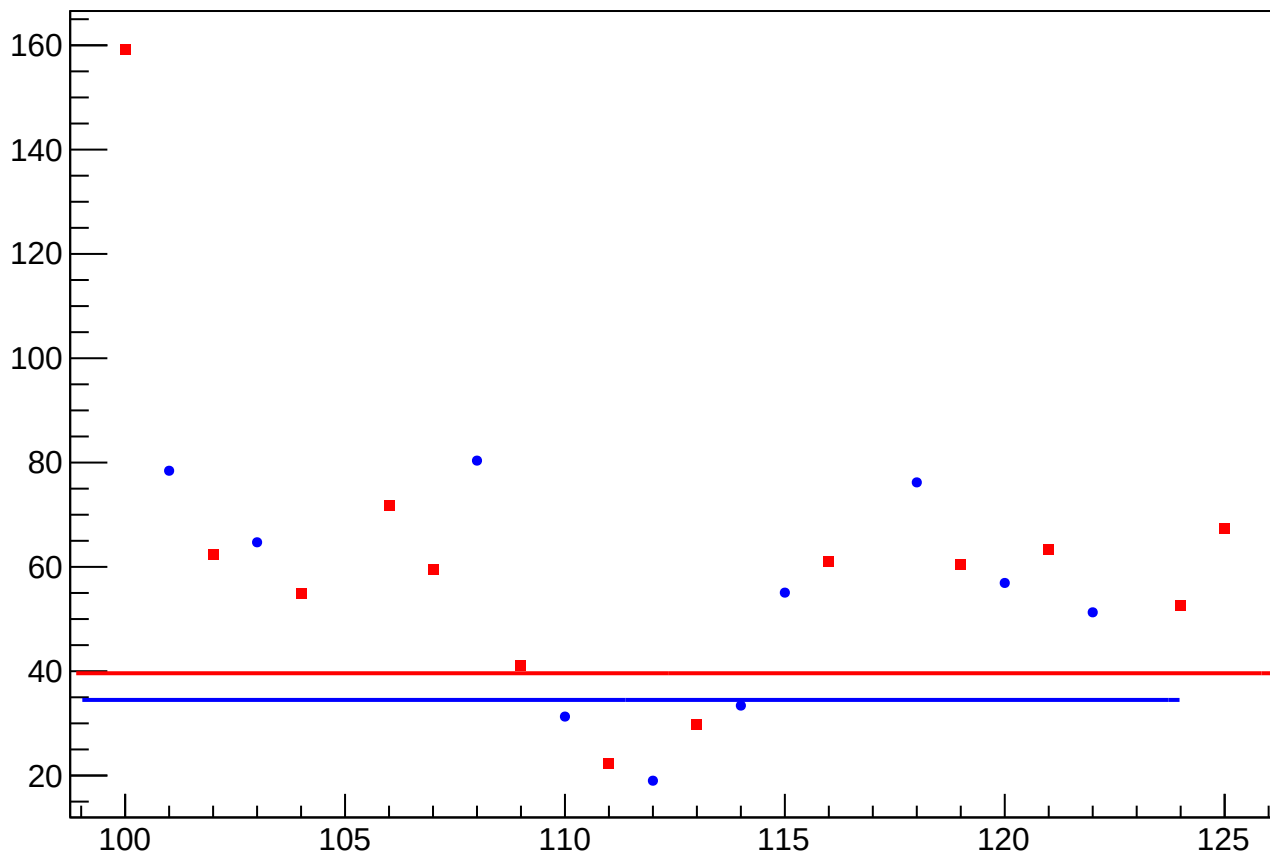
Right: 0.021+/-0.014 χ^2/NDF : 30.4/22

In: 0.047+/-0.021 χ^2/NDF :13.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.021+/-0.014 χ^2/NDF : 30.4/22

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: 39.609+/-0.014 χ^2/NDF : 1523631.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

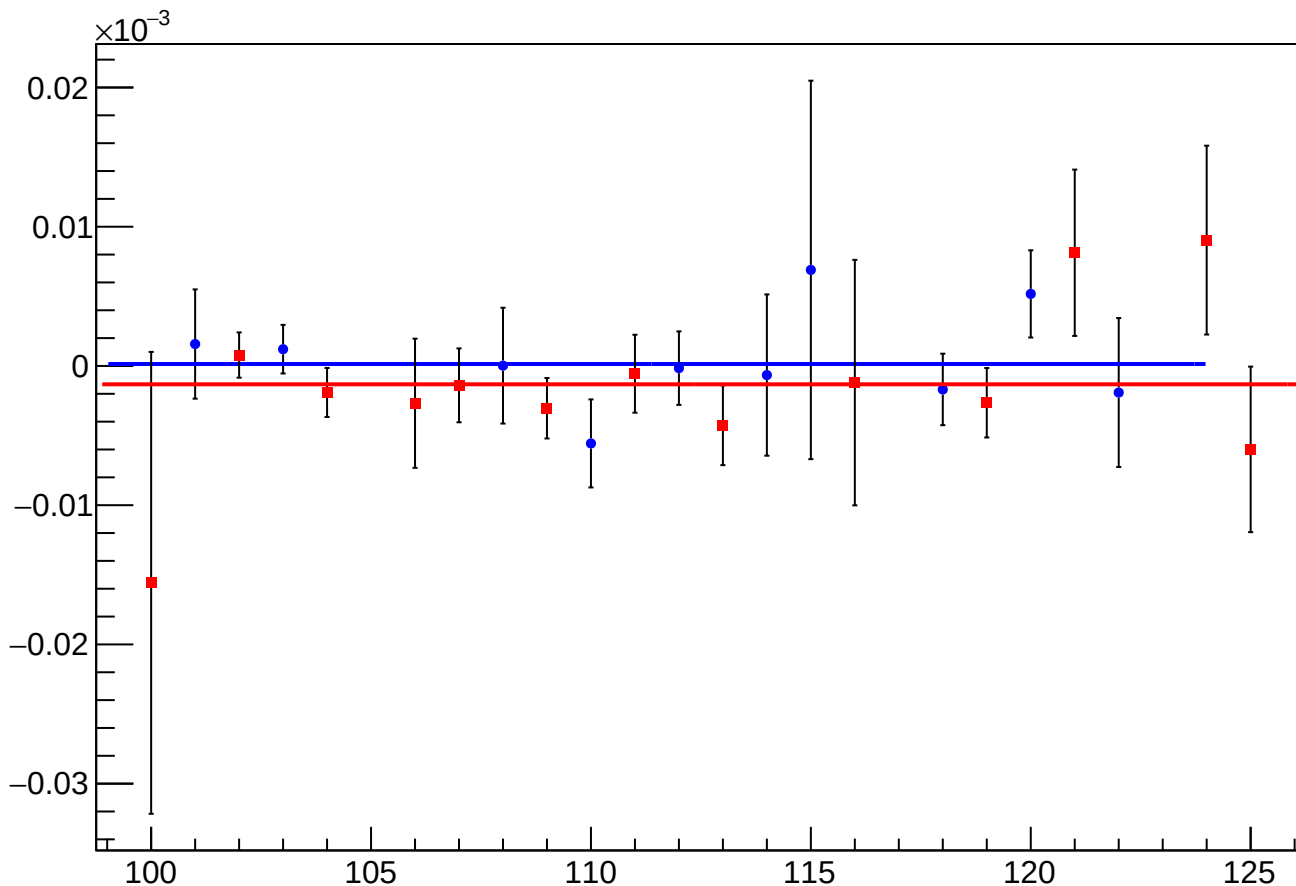
Right: 37.129+/-0.010 χ^2/NDF : 3606673.7/22

In: 34.494+/-0.015 χ^2/NDF :2019133.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 37.129+/-0.010 χ^2/NDF : 3606673.7/22

asym_sam_48_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.1/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

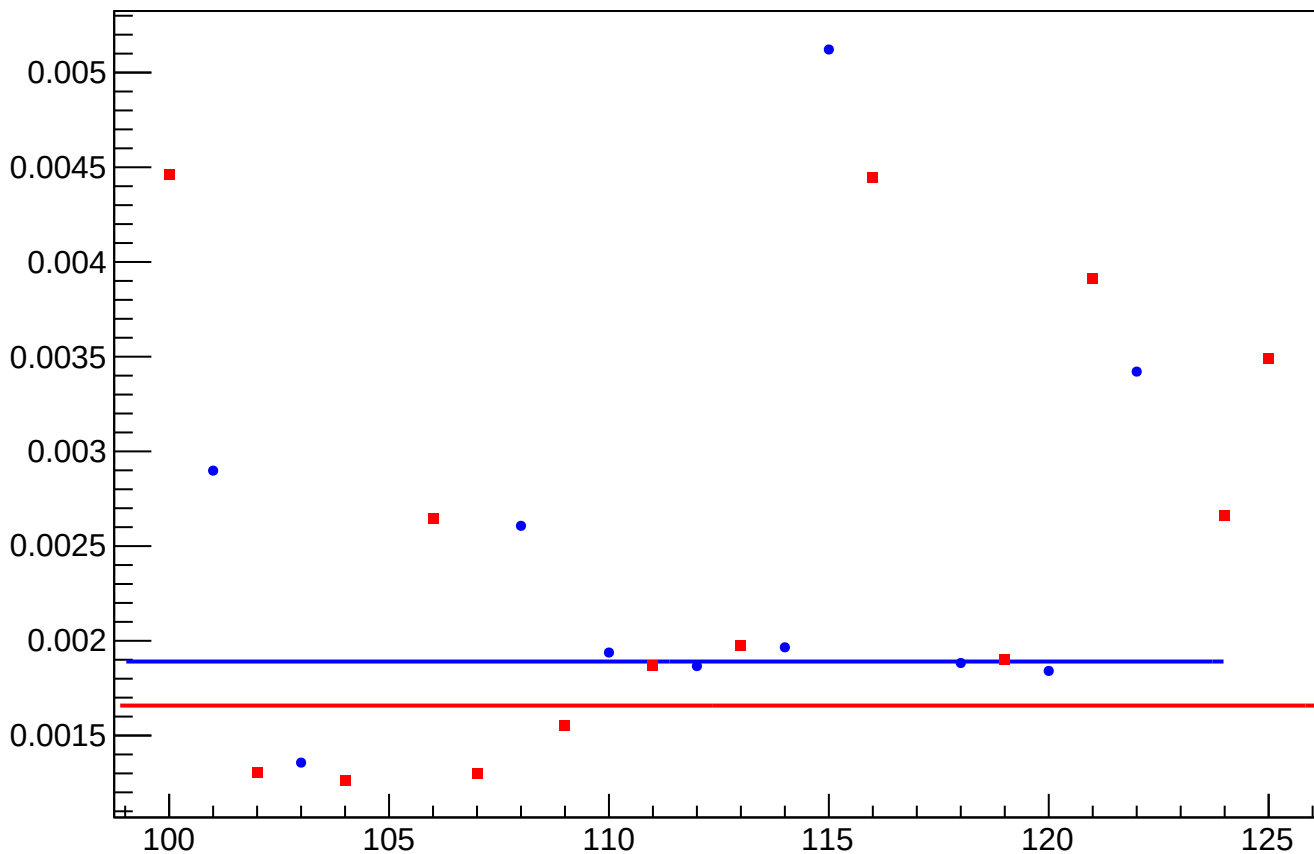
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 18.7/22

In: 0.000 $\pm$ 0.000 χ^2 /NDF:7.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 18.7/22

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 : 1157672.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

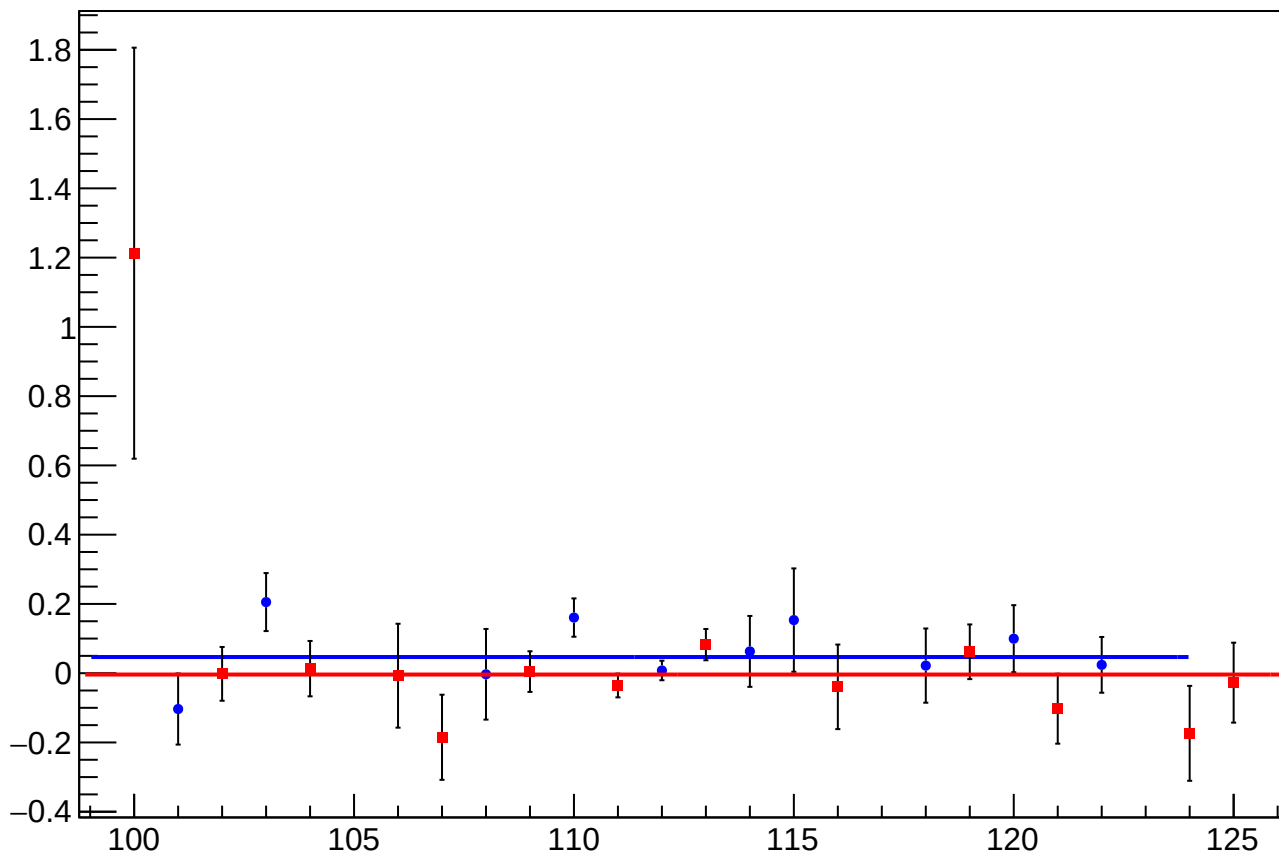
Right: 0.002+/-0.000 χ^2/NDF : 1881408.4/22

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 : 1881408.4/22

asym_sam_48_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.047+/-0.021 χ^2/NDF : 13.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.004+/-0.020 χ^2/NDF : 14.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

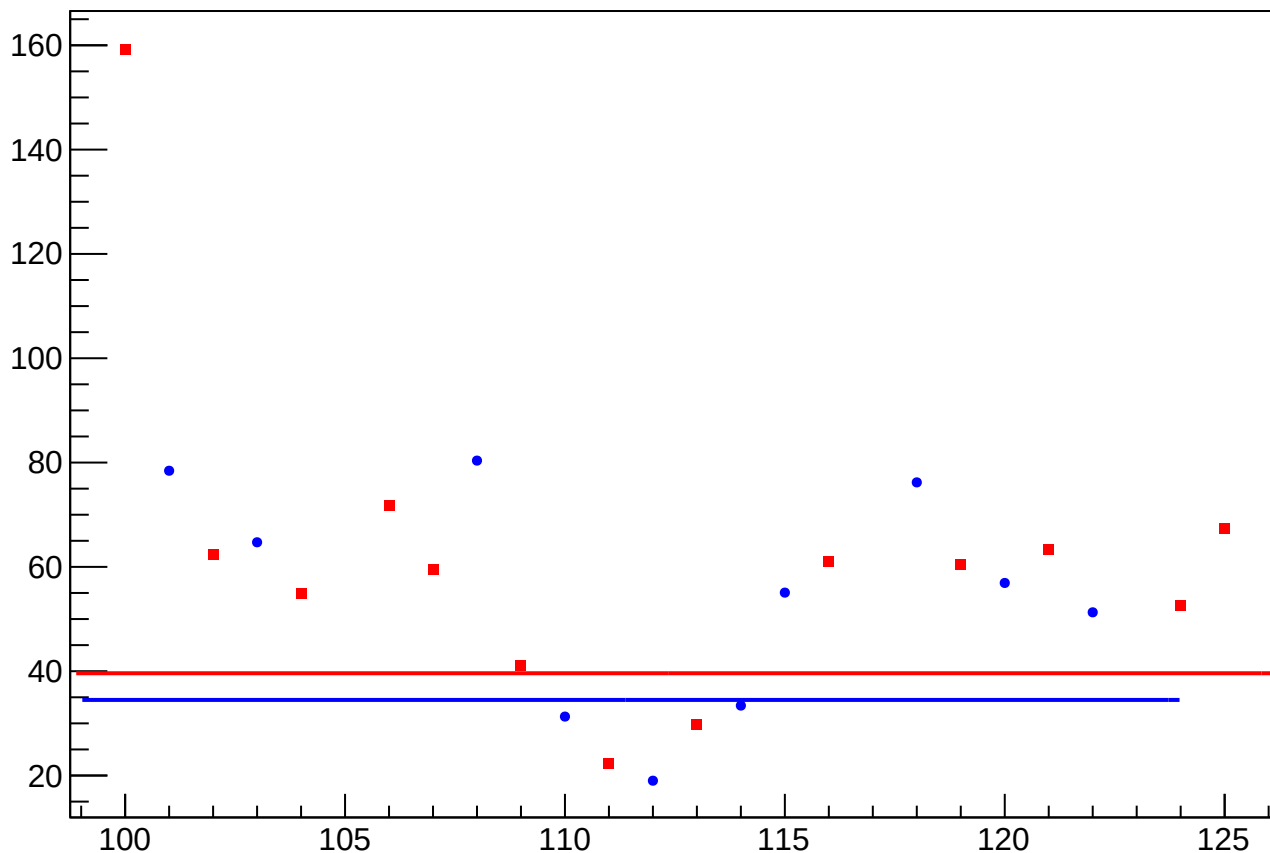
Right: 0.021+/-0.014 χ^2/NDF : 30.4/22

In: 0.047+/-0.021 χ^2/NDF :13.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.021+/-0.014 χ^2/NDF : 30.4/22

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: 39.608+/-0.014 χ^2/NDF : 1523750.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

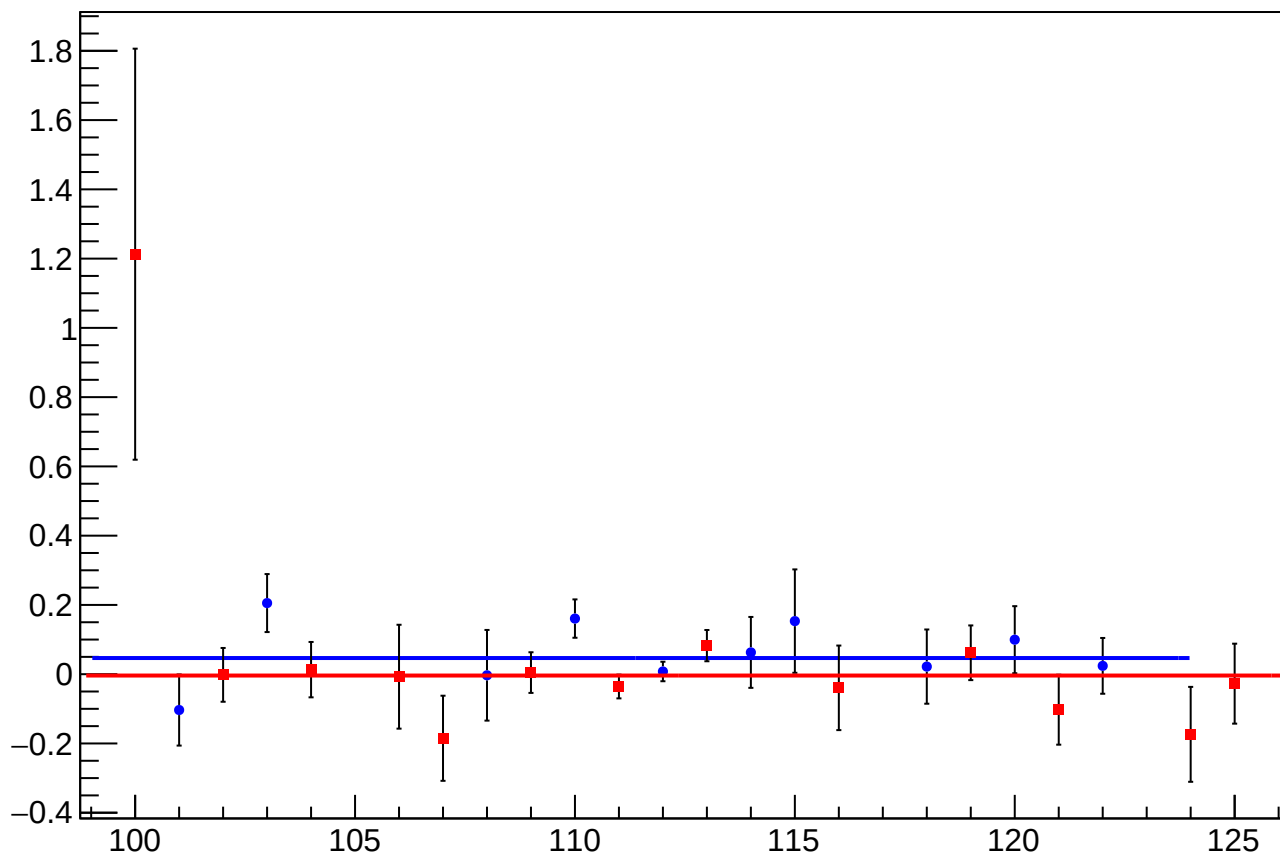
Right: 37.128+/-0.010 χ^2/NDF : 3606901.2/22

In: 34.494+/-0.015 χ^2/NDF : 2019241.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.128+/-0.010 χ^2/NDF : 3606901.2/22

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: -0.004+/-0.020 χ^2/NDF : 14.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

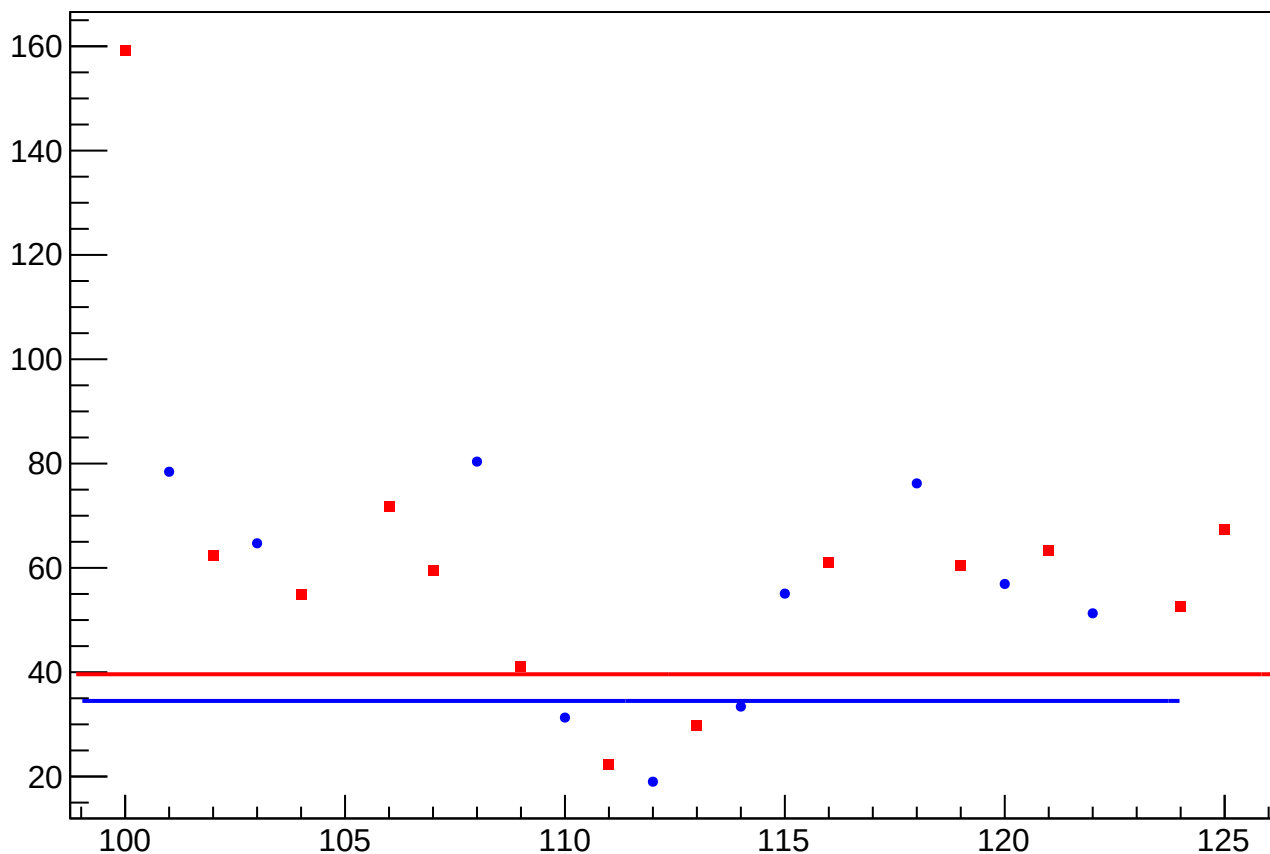
Right: 0.021+/-0.014 χ^2/NDF : 30.4/22

In: 0.047+/-0.021 χ^2/NDF :13.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.021+/-0.014 χ^2/NDF : 30.4/22

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: 39.608+/-0.014 χ^2/NDF : 1523750.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

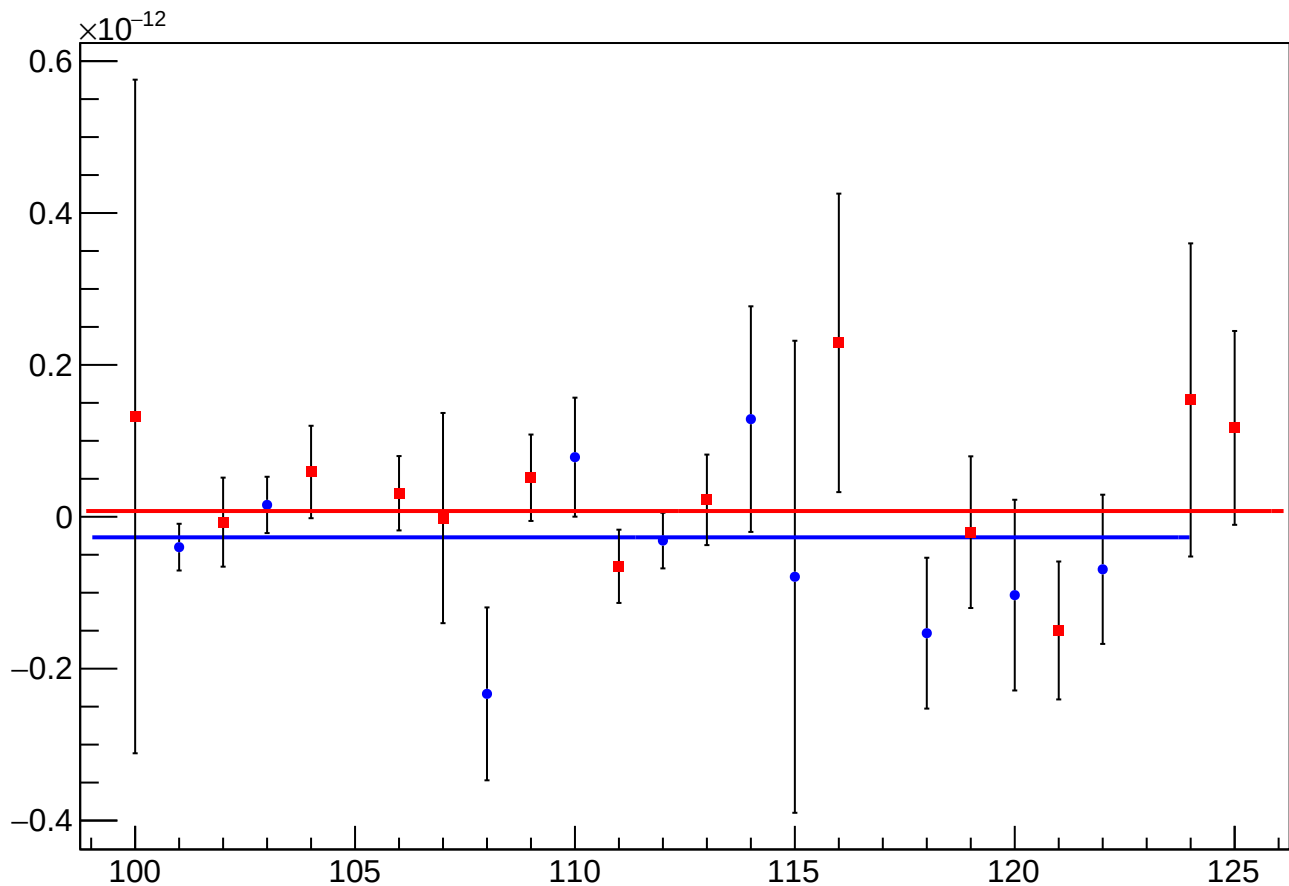
Right: 37.128+/-0.010 χ^2/NDF : 3606901.2/22

In: 34.494+/-0.015 χ^2/NDF :2019241.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 37.128+/-0.010 χ^2/NDF : 3606901.2/22

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 : 9.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

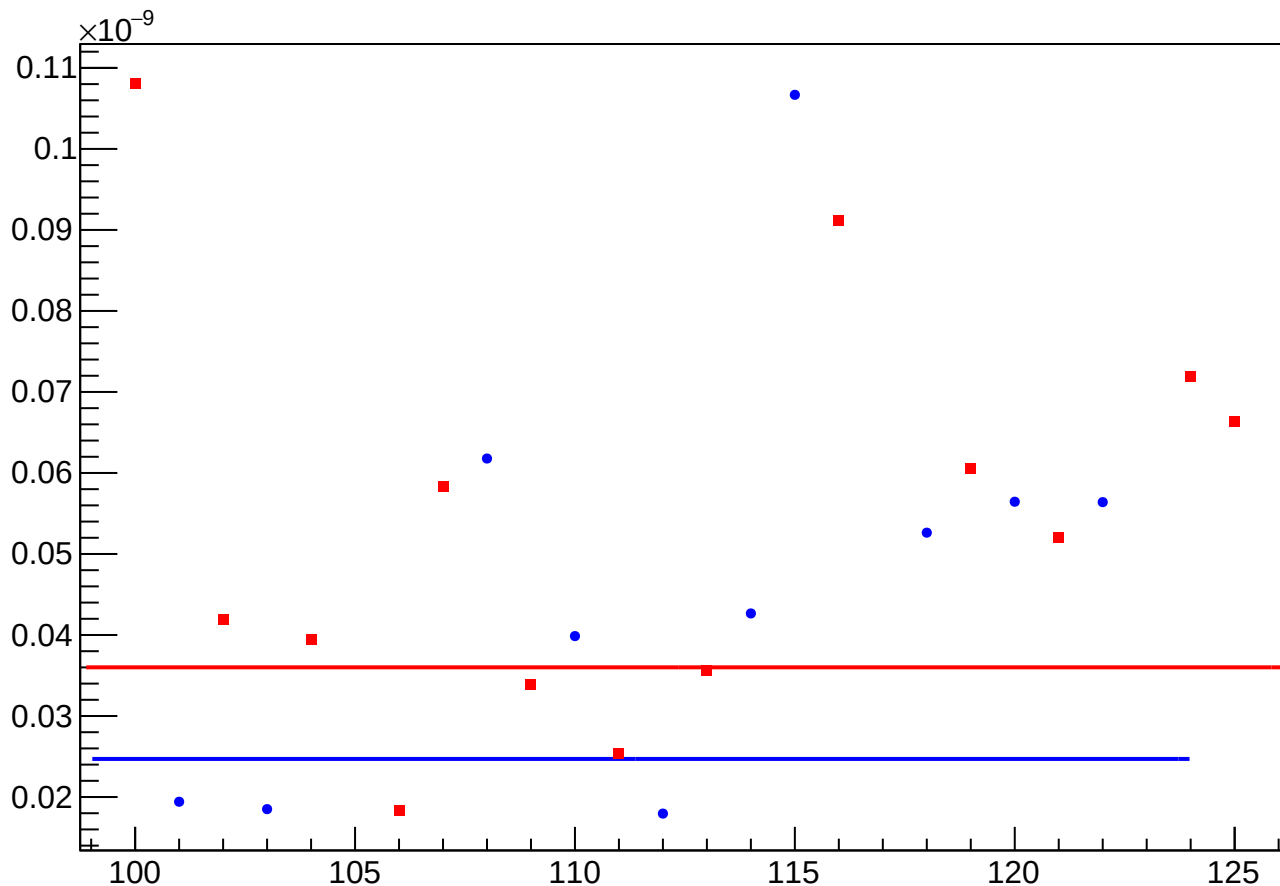
Right: -0.000+/-0.000 χ^2/NDF : 21.1/22

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 : 21.1/22

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 : 1007540.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

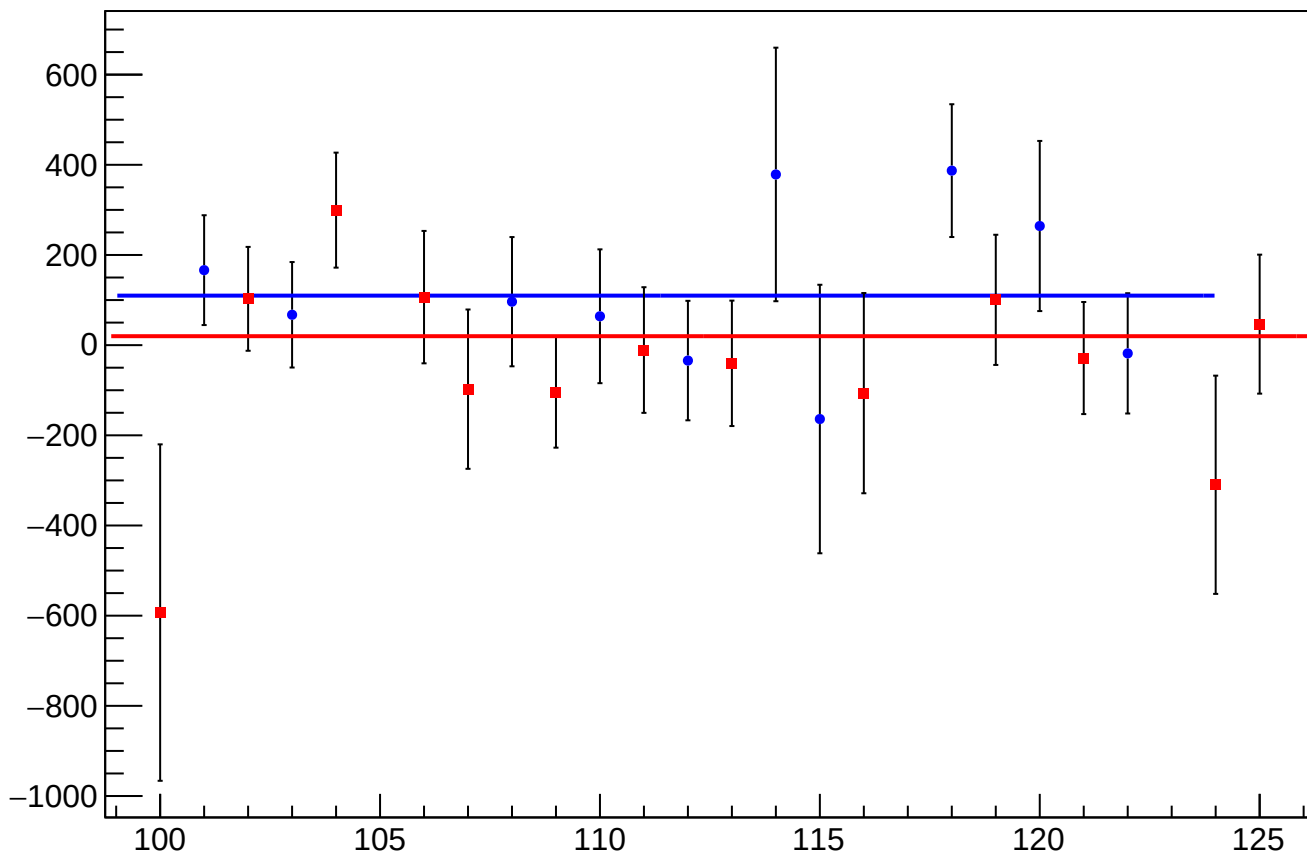
Right: 0.000+/-0.000 χ^2/NDF : 2484638.4/22

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 : 2484638.4/22

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: 19.866+/-41.375 χ^2/NDF : 12.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

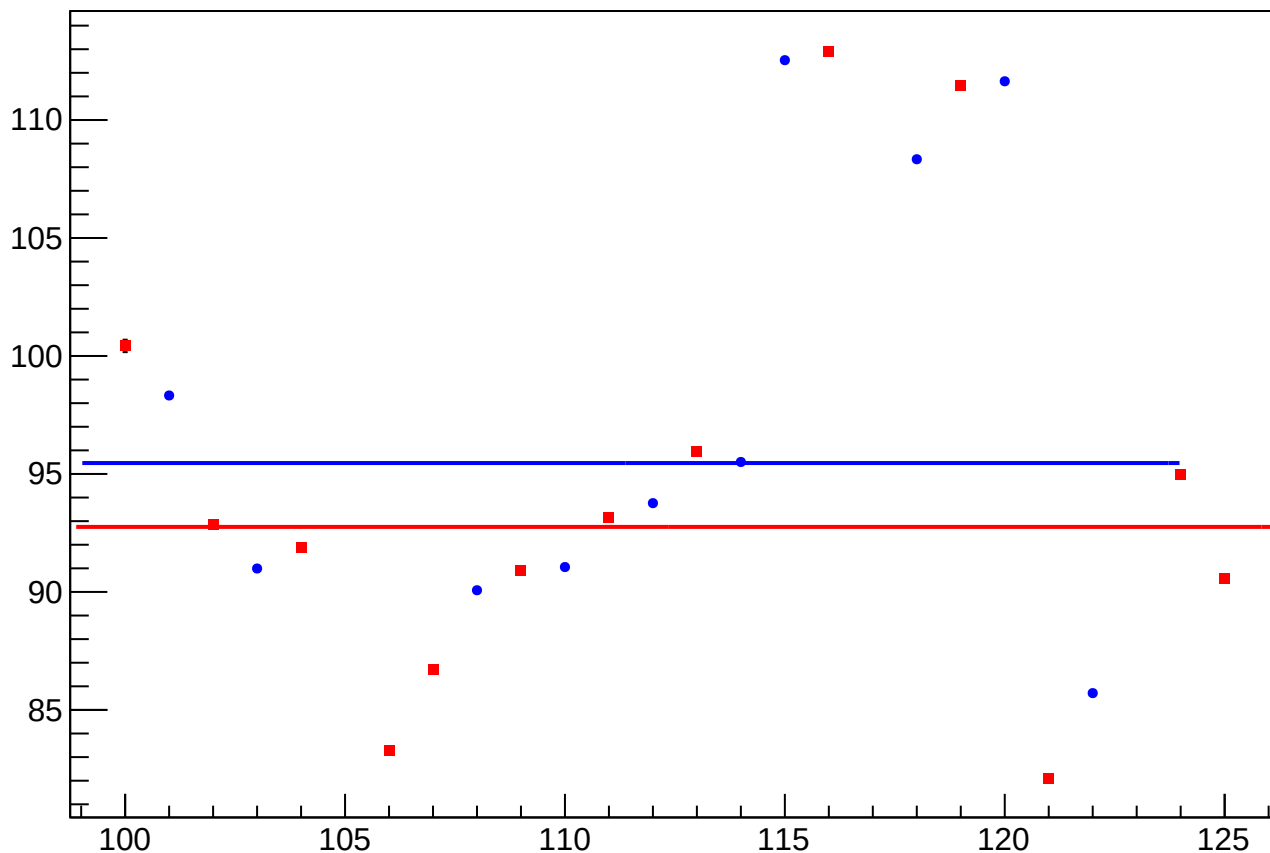
Right: 58.815+/-31.158 χ^2/NDF : 23.3/22

In: 109.839+/-47.357 χ^2/NDF : 8.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.815+/-31.158 χ^2/NDF : 23.3/22

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: 92.756+/-0.029 χ^2/NDF : 78518.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

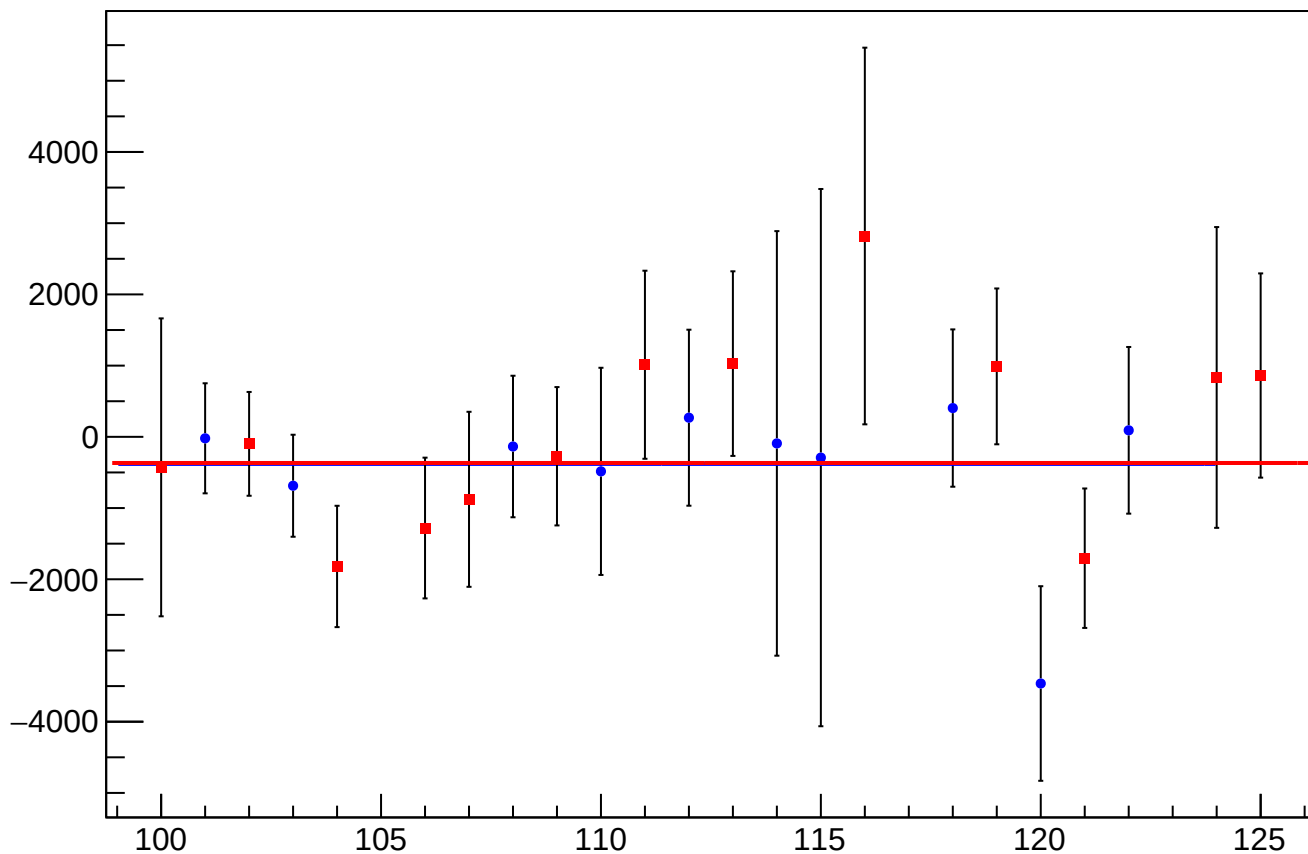
Right: 93.928+/-0.022 χ^2/NDF : 138424.6/22

In: 95.463+/-0.033 χ^2/NDF : 56202.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.928+/-0.022 χ^2/NDF : 138424.6/22

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: -367.190+/-314.093 χ^2/NDF : 12.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

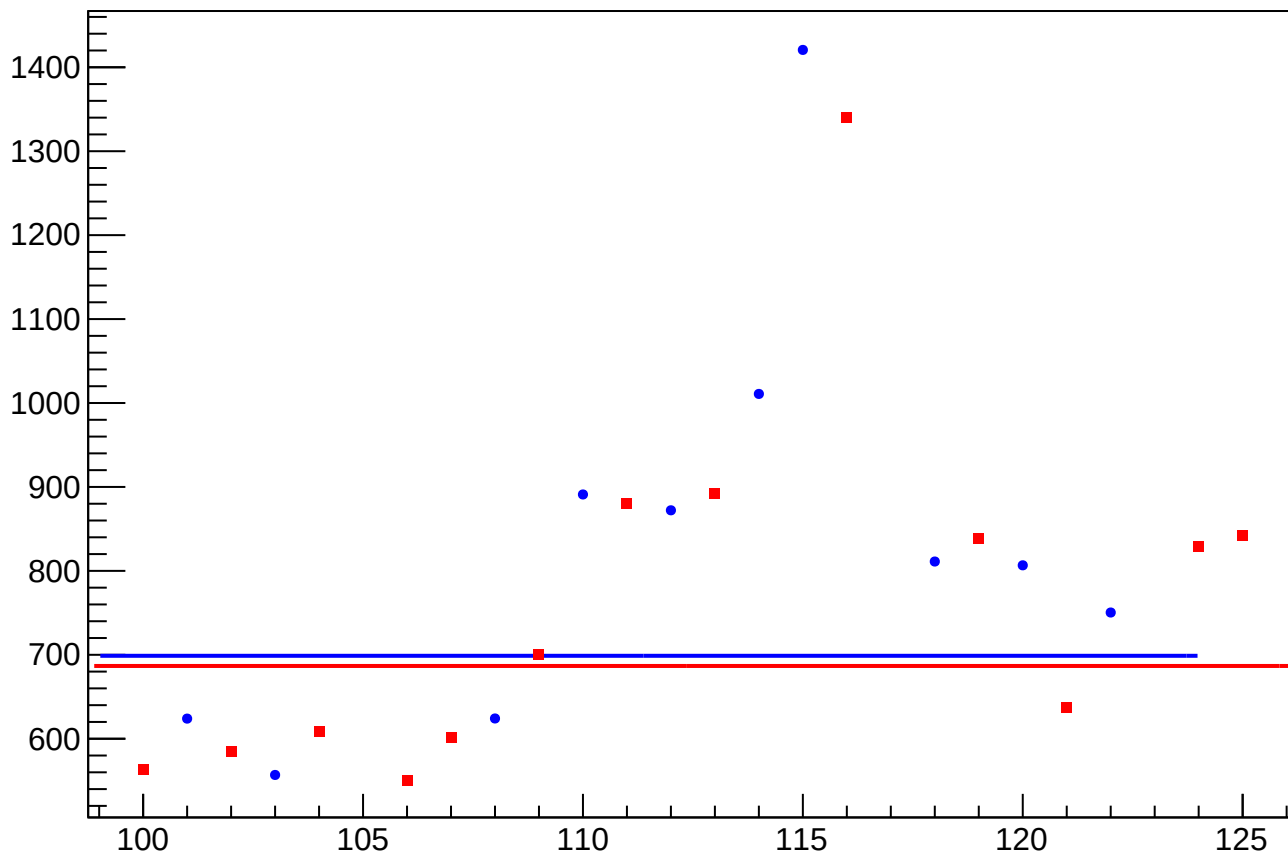
Right: -372.847+/-234.599 χ^2/NDF : 18.8/22

In: -379.985+/-352.821 χ^2/NDF : 6.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -372.847+/-234.599 χ^2/NDF : 18.8/22

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: 686.708+/-0.222 χ^2/NDF : 401303.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

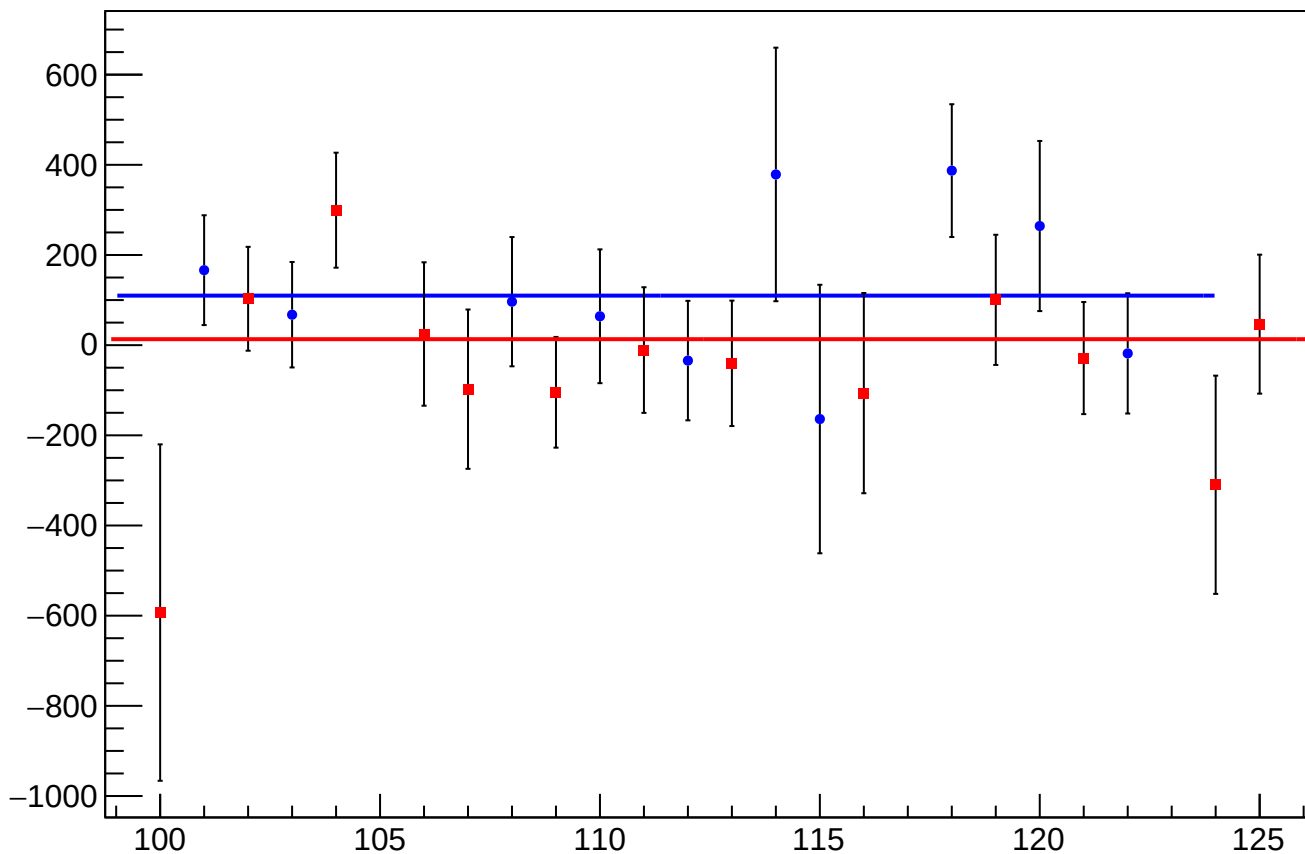
Right: 692.063+/-0.166 χ^2/NDF : 717724.6/22

In: 698.820+/-0.249 χ^2/NDF :315106.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 692.063+/-0.166 χ^2/NDF : 717724.6/22

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: 13.251 $\pm$ 41.620 χ^2 /NDF: 12.4/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

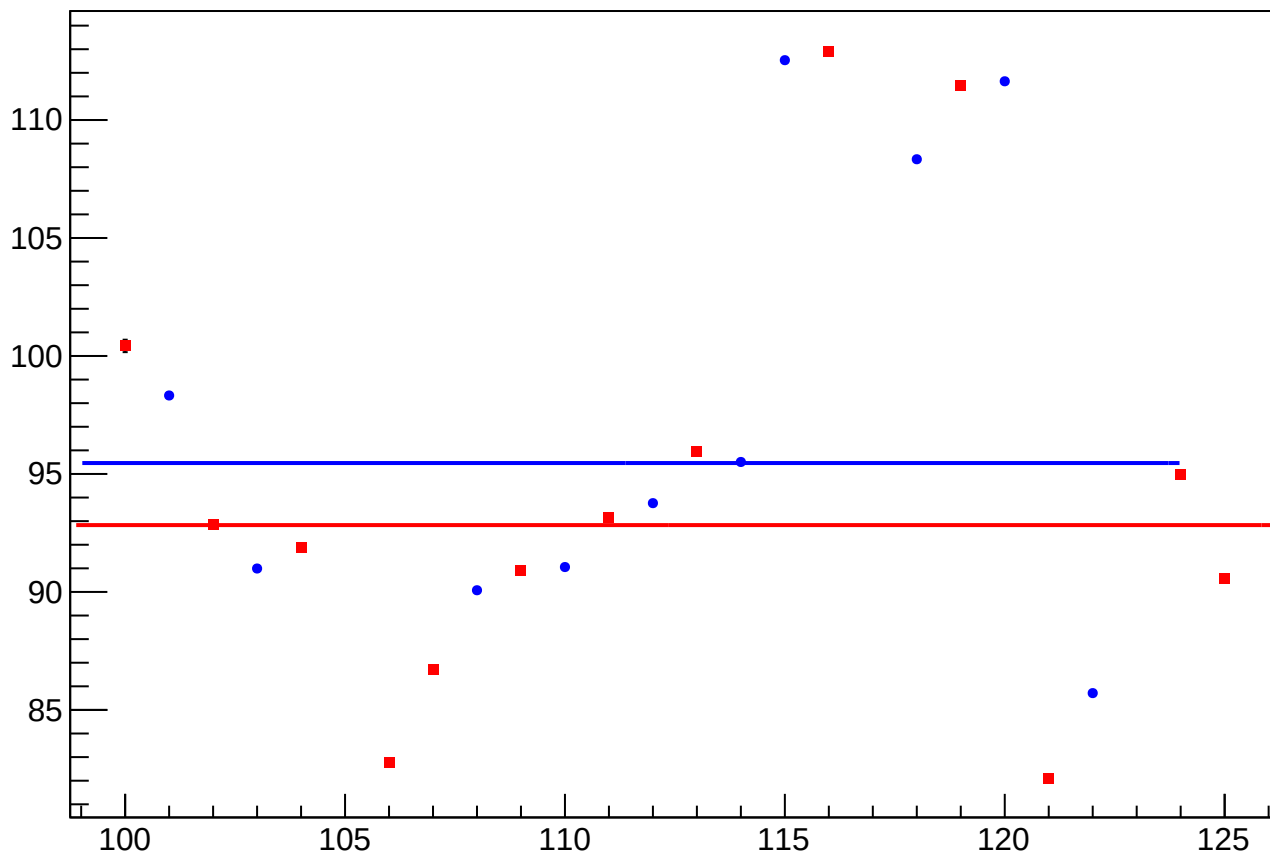
Right: 55.358 $\pm$ 31.263 χ^2 /NDF: 23.2/22

In: 109.872 $\pm$ 47.357 χ^2 /NDF:8.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 55.358 $\pm$ 31.263 χ^2 /NDF: 23.2/22

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: 92.833+/-0.029 χ^2/NDF : 78107.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

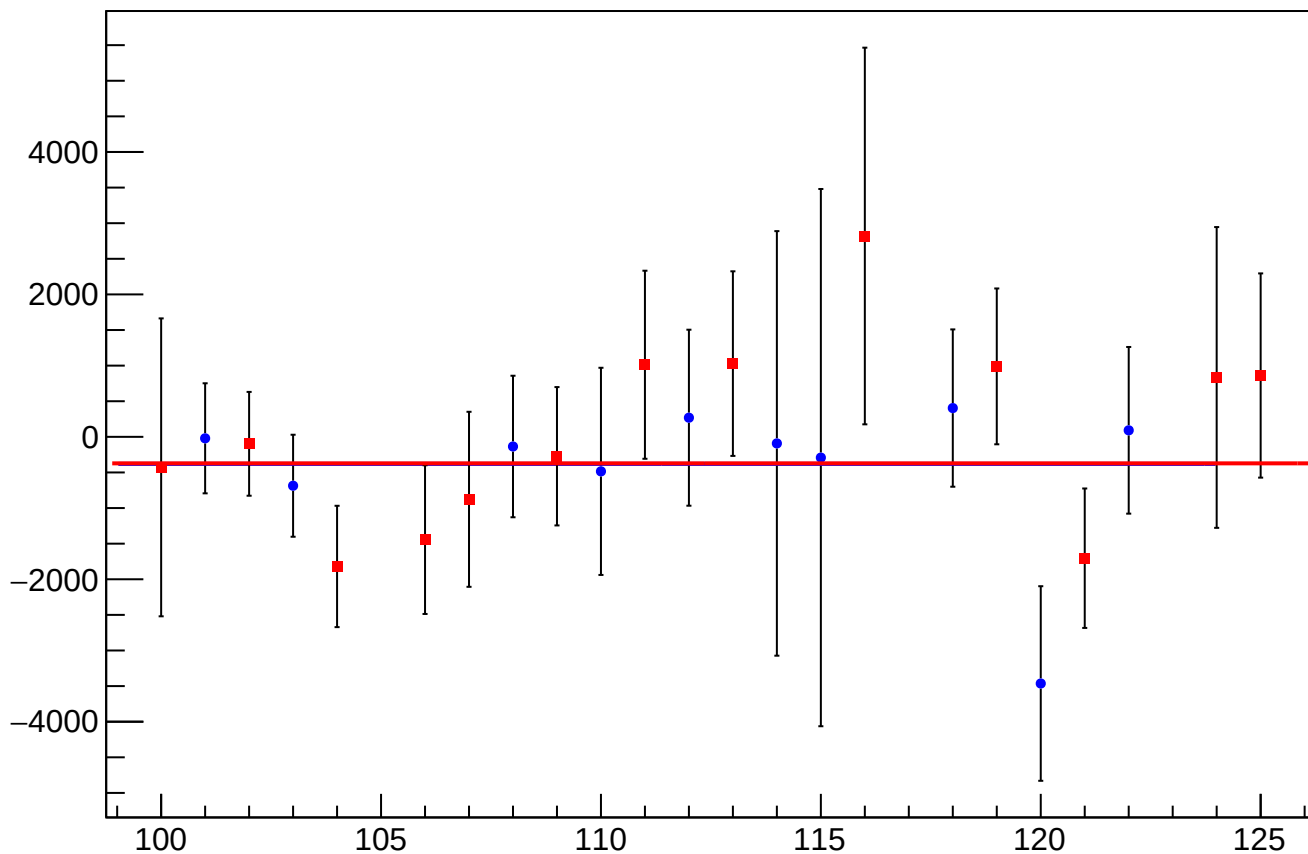
Right: 93.979+/-0.022 χ^2/NDF : 137789.7/22

In: 95.463+/-0.033 χ^2/NDF : 56202.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.979+/-0.022 χ^2/NDF : 137789.7/22

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: -372.286+/-315.761 χ^2/NDF : 12.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

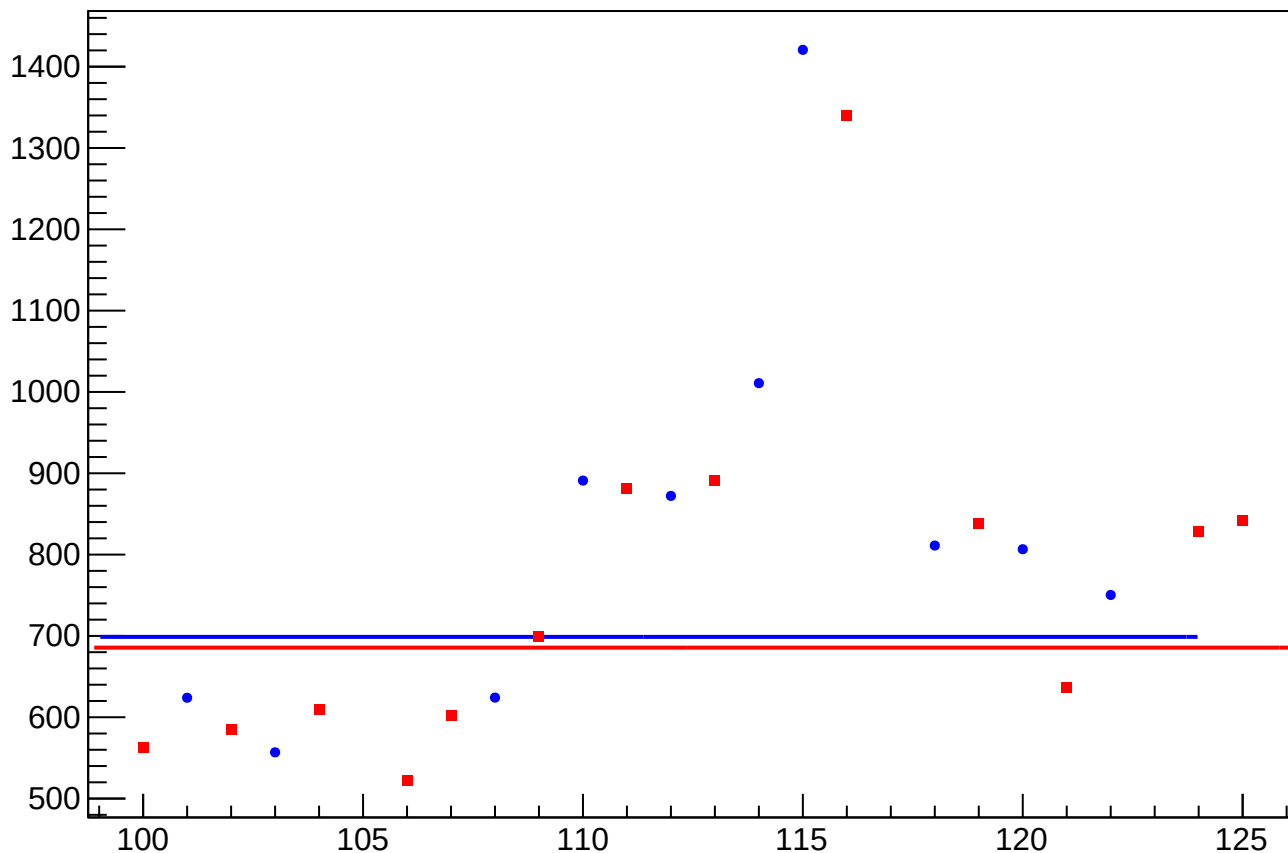
Right: -375.706+/-235.292 χ^2/NDF : 19.0/22

In: -379.977+/-352.820 χ^2/NDF :6.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -375.706+/-235.292 χ^2/NDF : 19.0/22

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: 685.606+/-0.223 χ^2/NDF : 412709.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

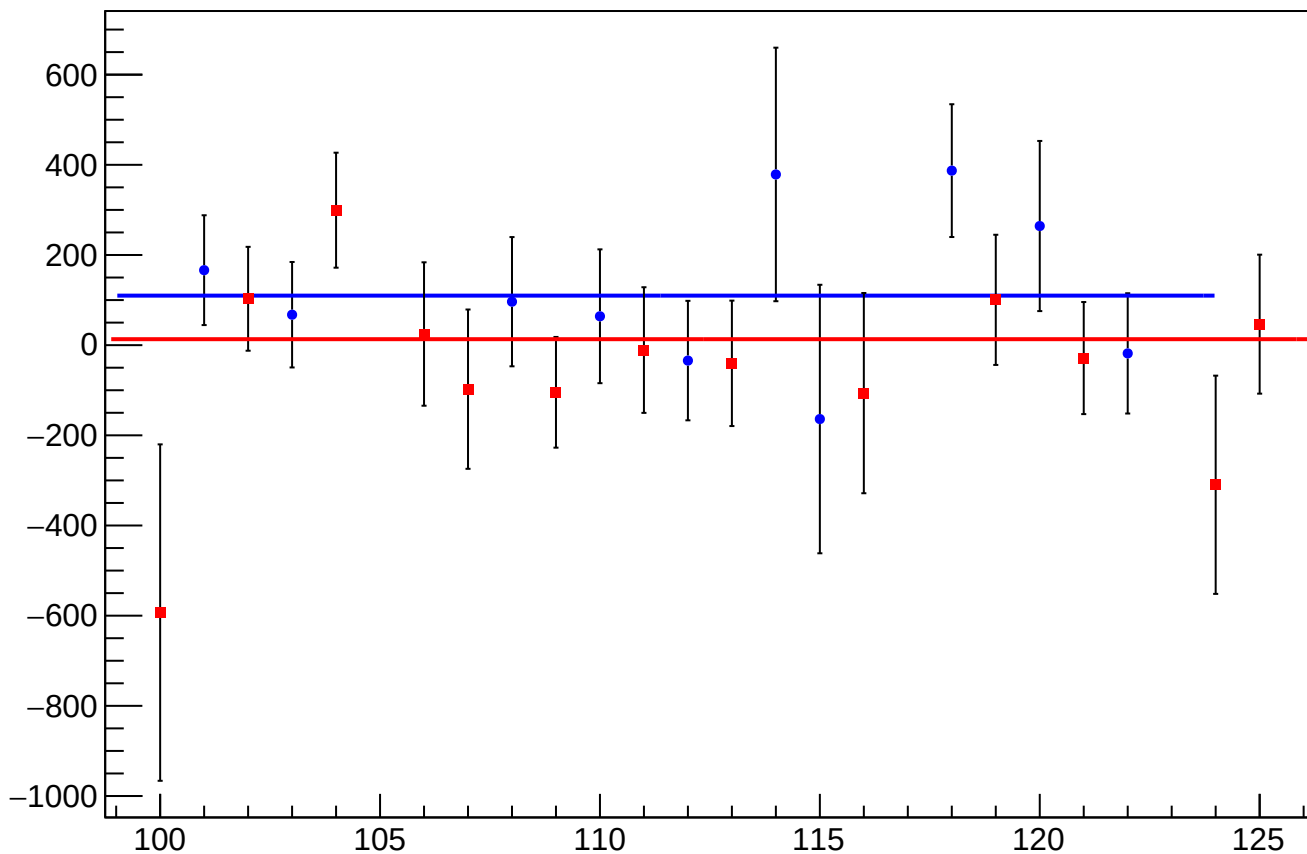
Right: 691.482+/-0.166 χ^2/NDF : 729376.3/22

In: 698.819+/-0.249 χ^2/NDF :315109.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 691.482+/-0.166 χ^2/NDF : 729376.3/22

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: 13.251 $\pm$ 41.620 χ^2 /NDF: 12.4/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

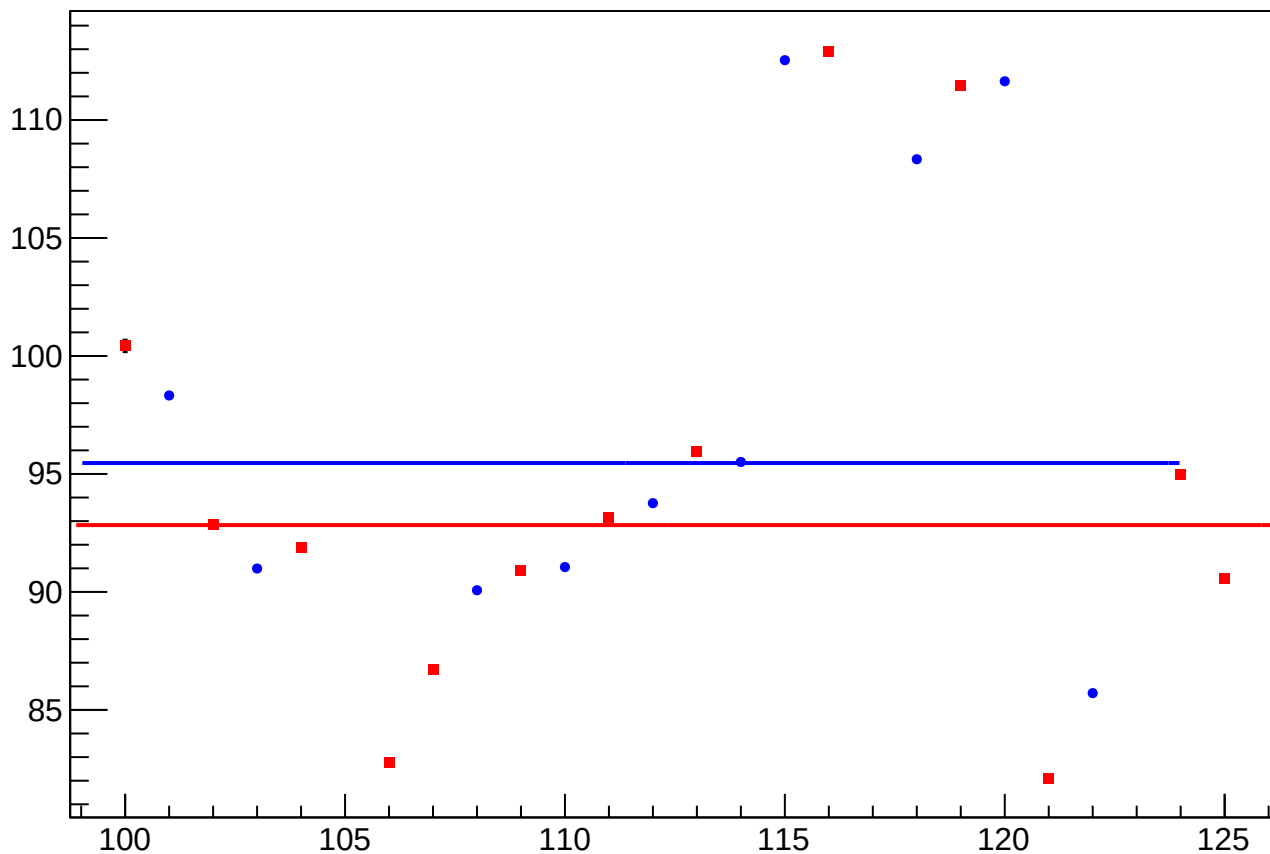
Right: 55.358 $\pm$ 31.263 χ^2 /NDF: 23.2/22

In: 109.872 $\pm$ 47.357 χ^2 /NDF: 8.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 55.358 $\pm$ 31.263 χ^2 /NDF: 23.2/22

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: 92.833+/-0.029 χ^2/NDF : 78107.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

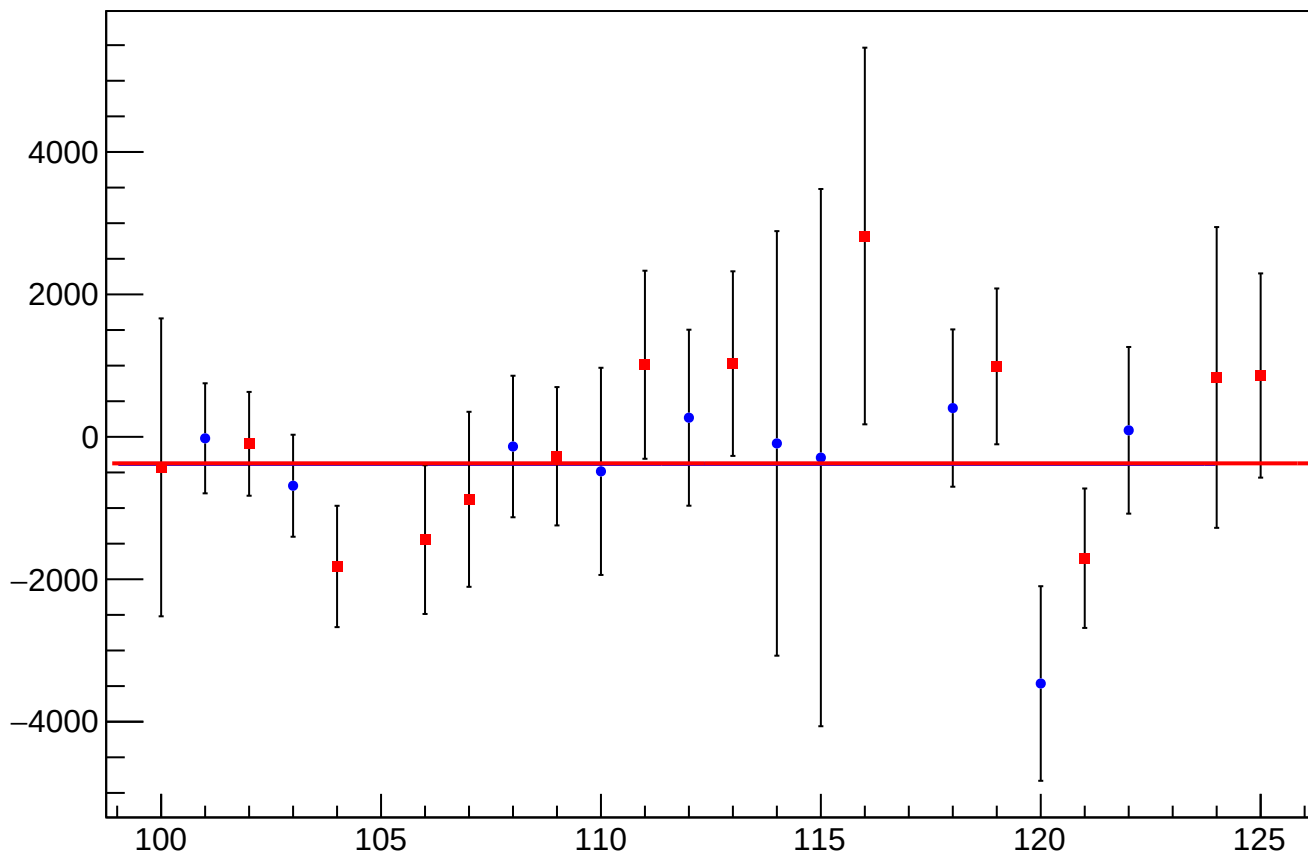
Right: 93.979+/-0.022 χ^2/NDF : 137789.7/22

In: 95.463+/-0.033 χ^2/NDF : 56202.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.979+/-0.022 χ^2/NDF : 137789.7/22

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: -372.286+/-315.761 χ^2/NDF : 12.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

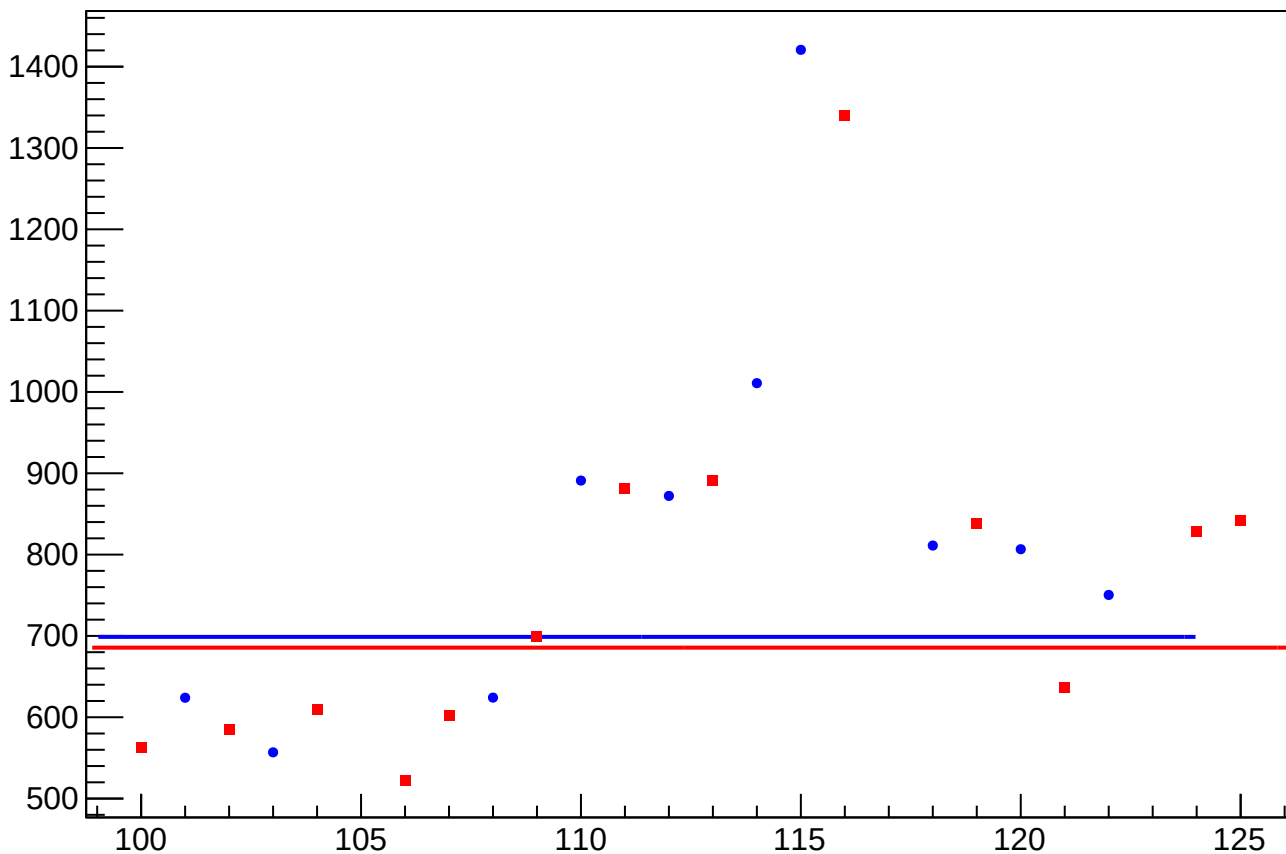
Right: -375.706+/-235.292 χ^2/NDF : 19.0/22

In: -379.977+/-352.820 χ^2/NDF :6.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -375.706+/-235.292 χ^2/NDF : 19.0/22

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: 685.606+/-0.223 χ^2/NDF : 412709.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

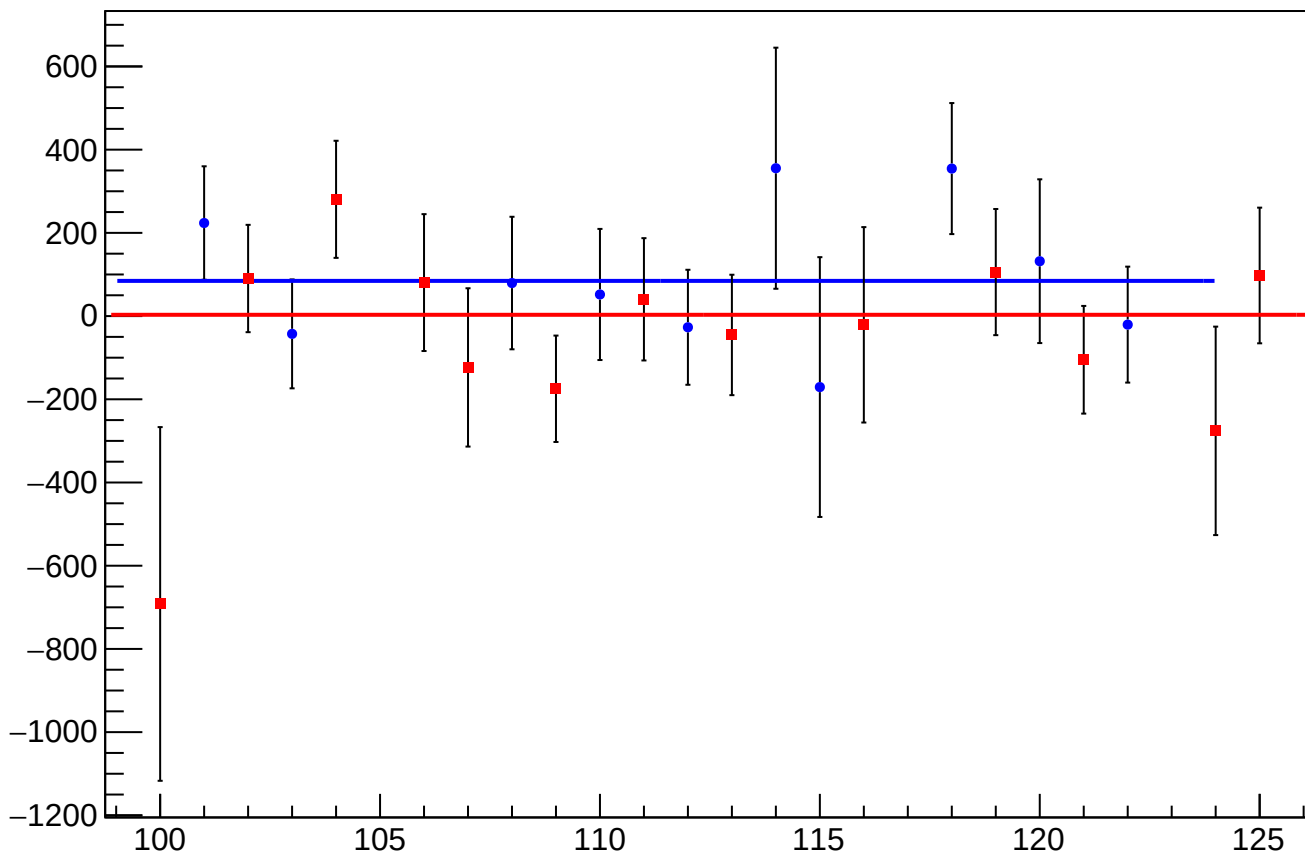
Right: 691.482+/-0.166 χ^2/NDF : 729376.3/22

In: 698.819+/-0.249 χ^2/NDF :315109.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 691.482+/-0.166 χ^2/NDF : 729376.3/22

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 84.582+/-51.025 χ^2/NDF : 7.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.085+/-44.245 χ^2/NDF : 12.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

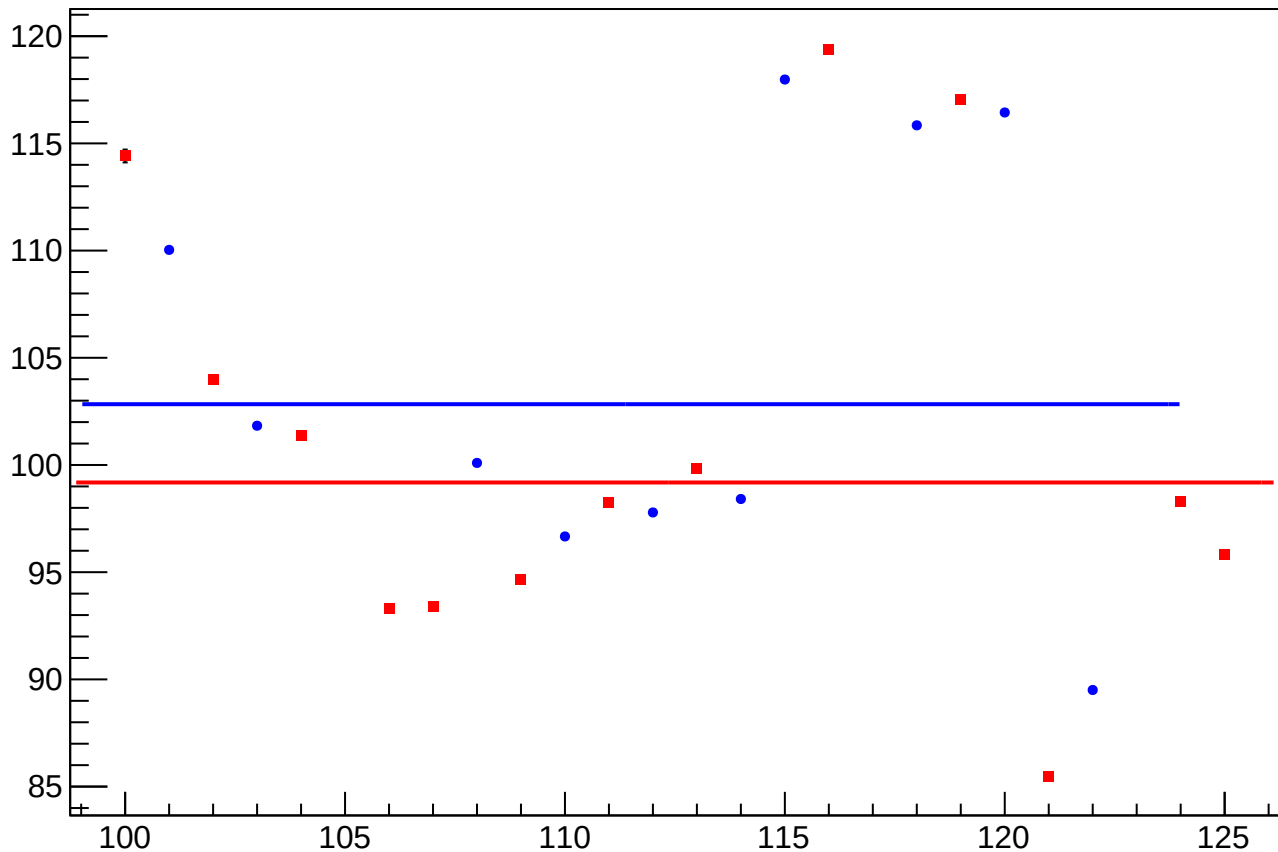
Right: 38.063+/-33.428 χ^2/NDF : 21.8/22

In: 84.582+/-51.025 χ^2/NDF : 7.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.063+/-33.428 χ^2/NDF : 21.8/22

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: 99.184+/-0.031 χ^2/NDF : 78871.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

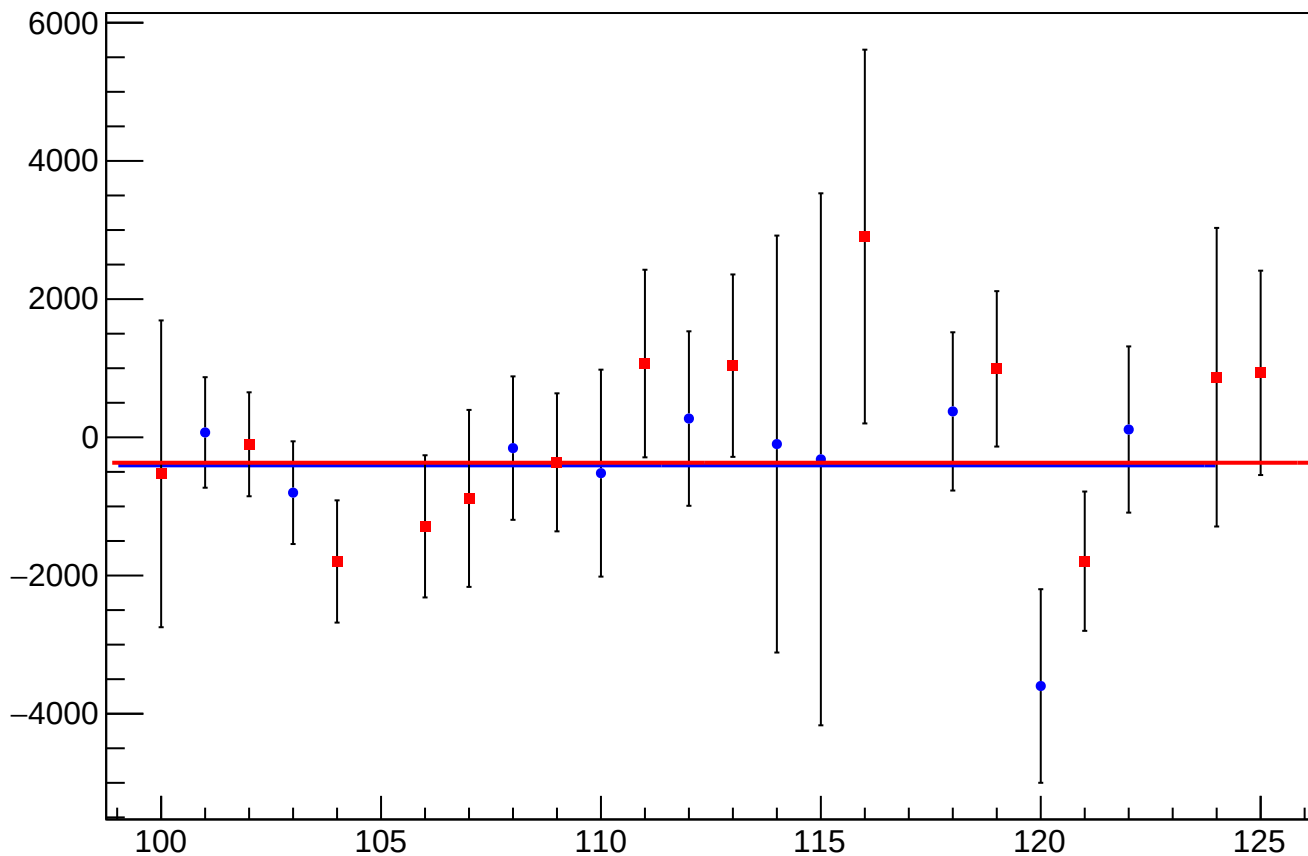
Right: 100.751+/-0.024 χ^2/NDF : 143416.0/22

In: 102.835+/-0.036 χ^2/NDF : 58698.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.751+/-0.024 χ^2/NDF : 143416.0/22

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: -367.708+/-324.347 χ^2/NDF : 12.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

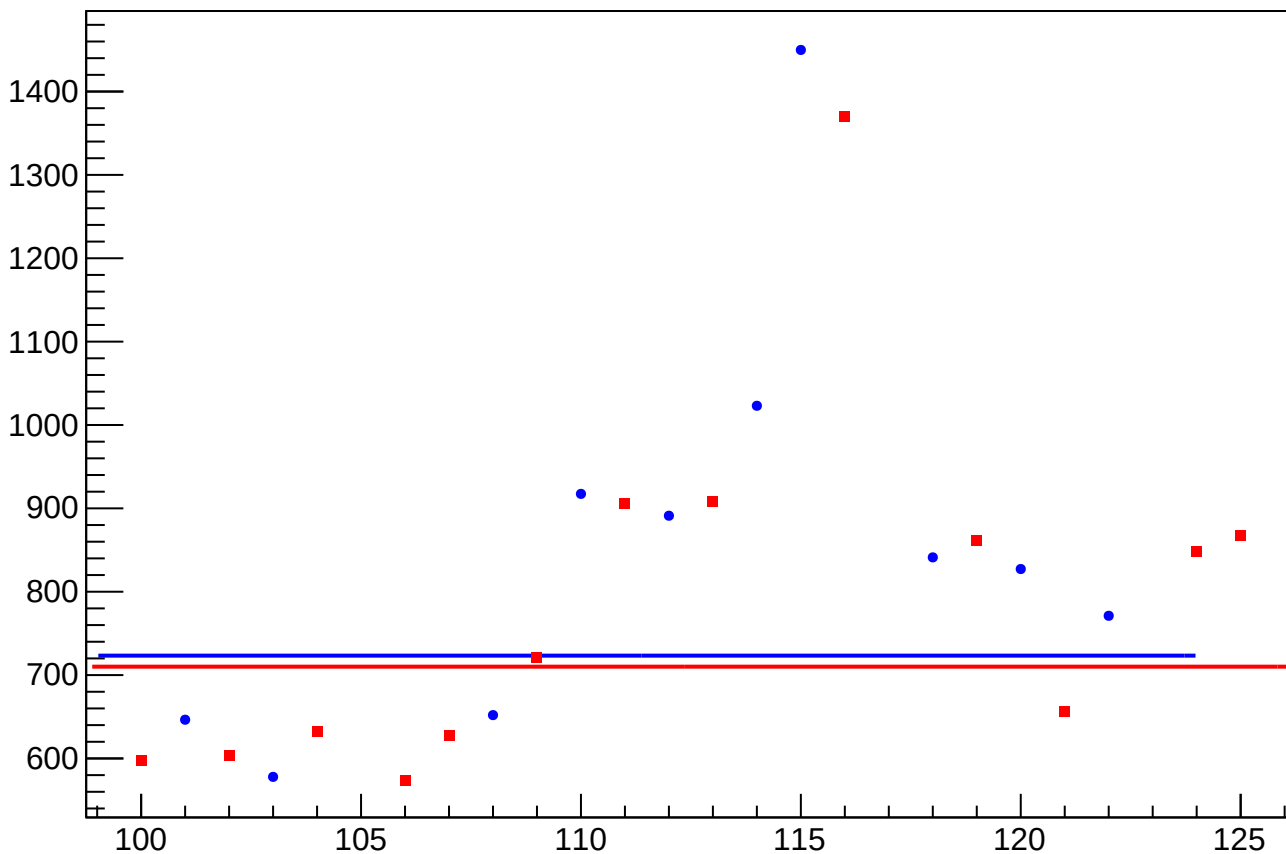
Right: -384.339+/-242.381 χ^2/NDF : 18.8/22

In: -405.373+/-364.756 χ^2/NDF : 6.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -384.339+/-242.381 χ^2/NDF : 18.8/22

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: 710.109+/-0.229 χ^2/NDF : 382327.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

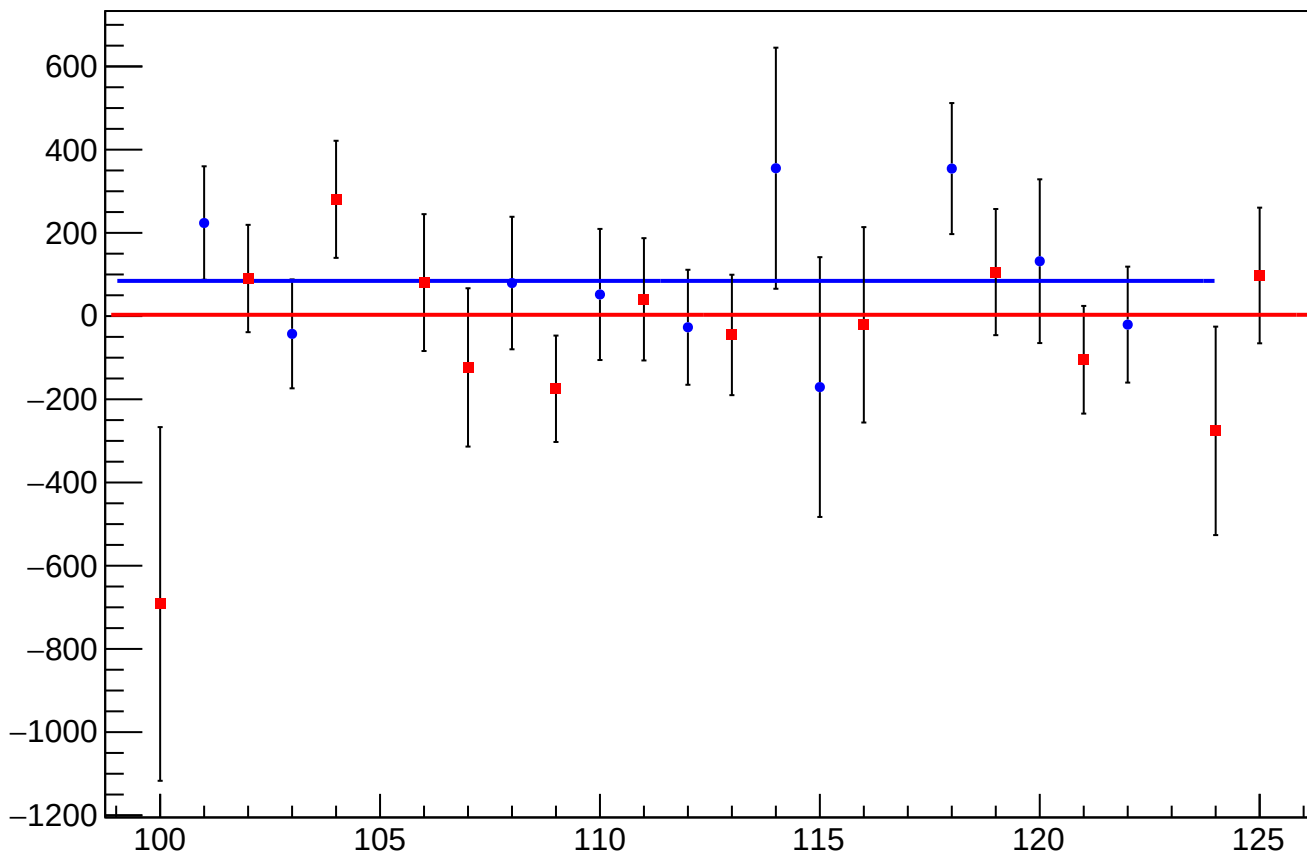
Right: 715.946+/-0.171 χ^2/NDF : 683541.1/22

In: 723.329+/-0.258 χ^2/NDF : 299746.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 715.946+/-0.171 χ^2/NDF : 683541.1/22

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: 3.085+/-44.245 χ^2/NDF : 12.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

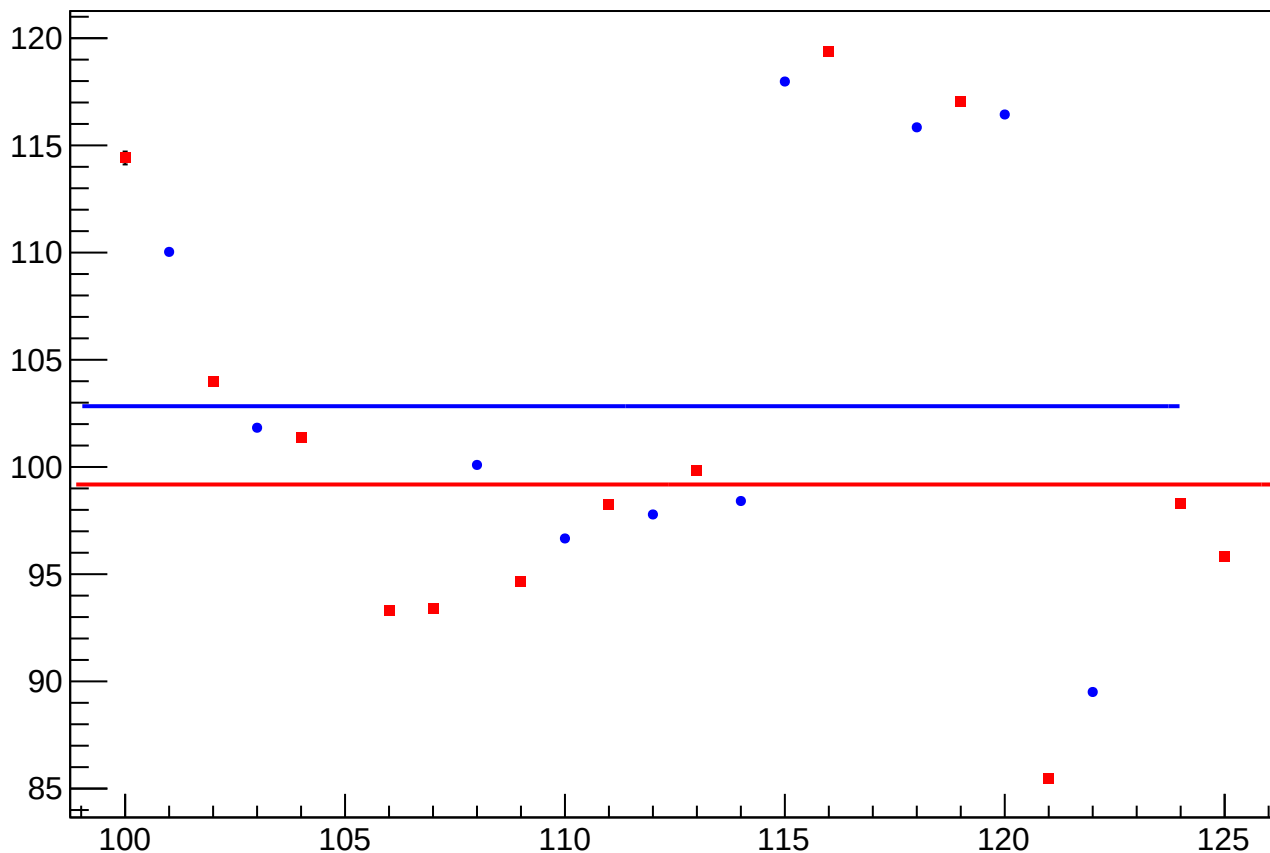
Right: 38.063+/-33.428 χ^2/NDF : 21.8/22

In: 84.583+/-51.025 χ^2/NDF : 7.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.063+/-33.428 χ^2/NDF : 21.8/22

eigen_dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 102.835+/-0.036 χ^2/NDF : 58697.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.184+/-0.031 χ^2/NDF : 78872.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

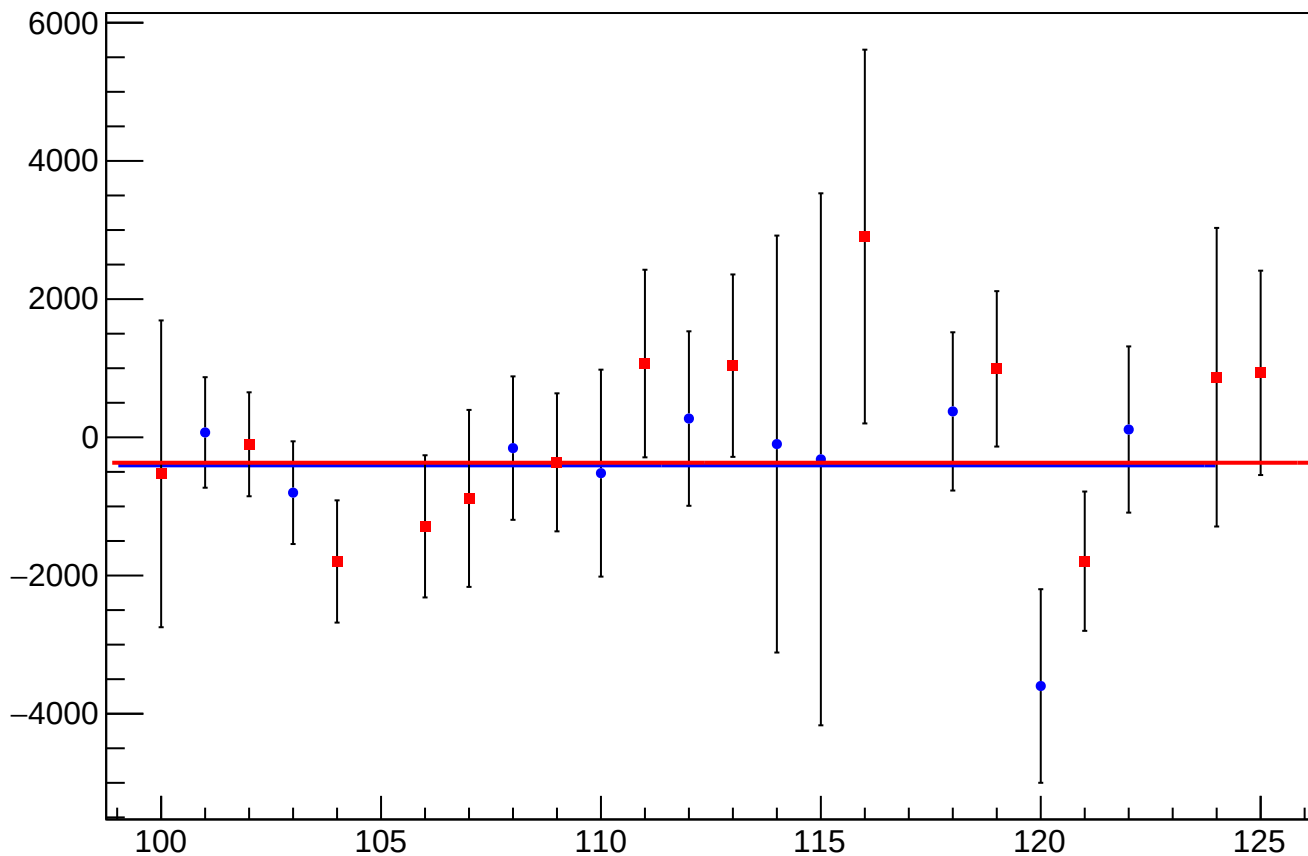
Right: 100.751+/-0.024 χ^2/NDF : 143416.5/22

In: 102.835+/-0.036 χ^2/NDF : 58697.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.751+/-0.024 χ^2/NDF : 143416.5/22

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: -367.708+/-324.347 χ^2/NDF : 12.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

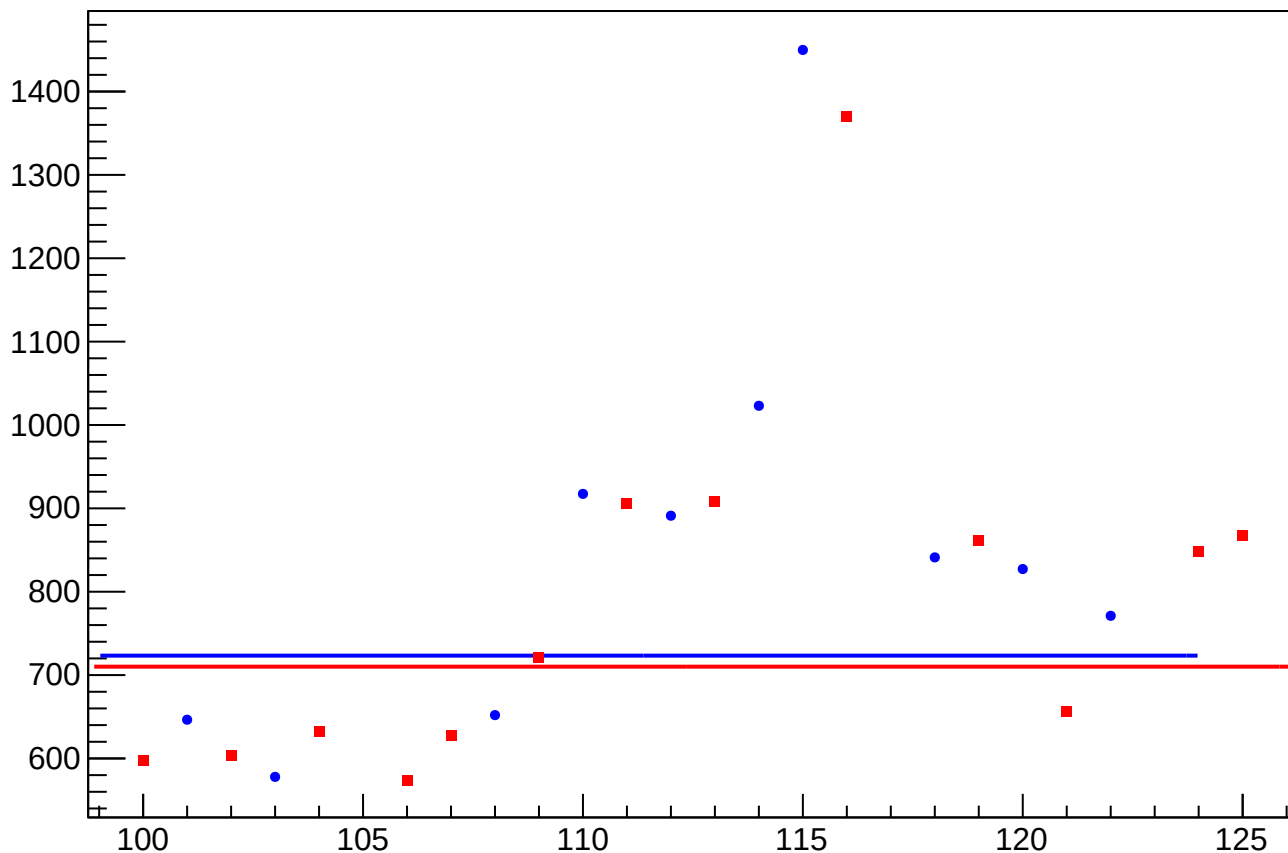
Right: -384.339+/-242.380 χ^2/NDF : 18.8/22

In: -405.373+/-364.756 χ^2/NDF :6.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -384.339+/-242.380 χ^2/NDF : 18.8/22

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: 710.108+/-0.229 χ^2/NDF : 382327.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

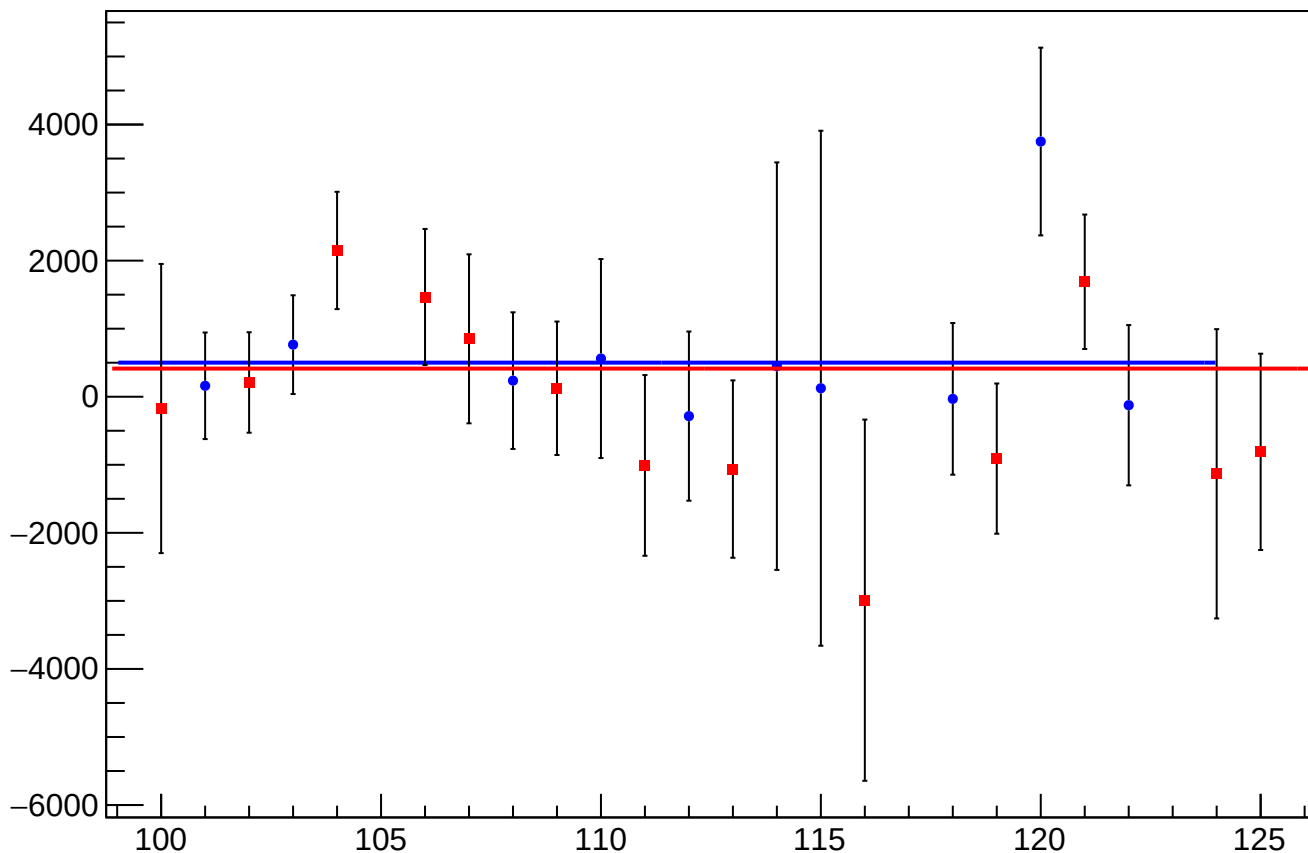
Right: 715.946+/-0.171 χ^2/NDF : 683540.3/22

In: 723.328+/-0.258 χ^2/NDF :299746.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 715.946+/-0.171 χ^2/NDF : 683540.3/22

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: 413.613+/-317.226 χ^2 /NDF: 14.0/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

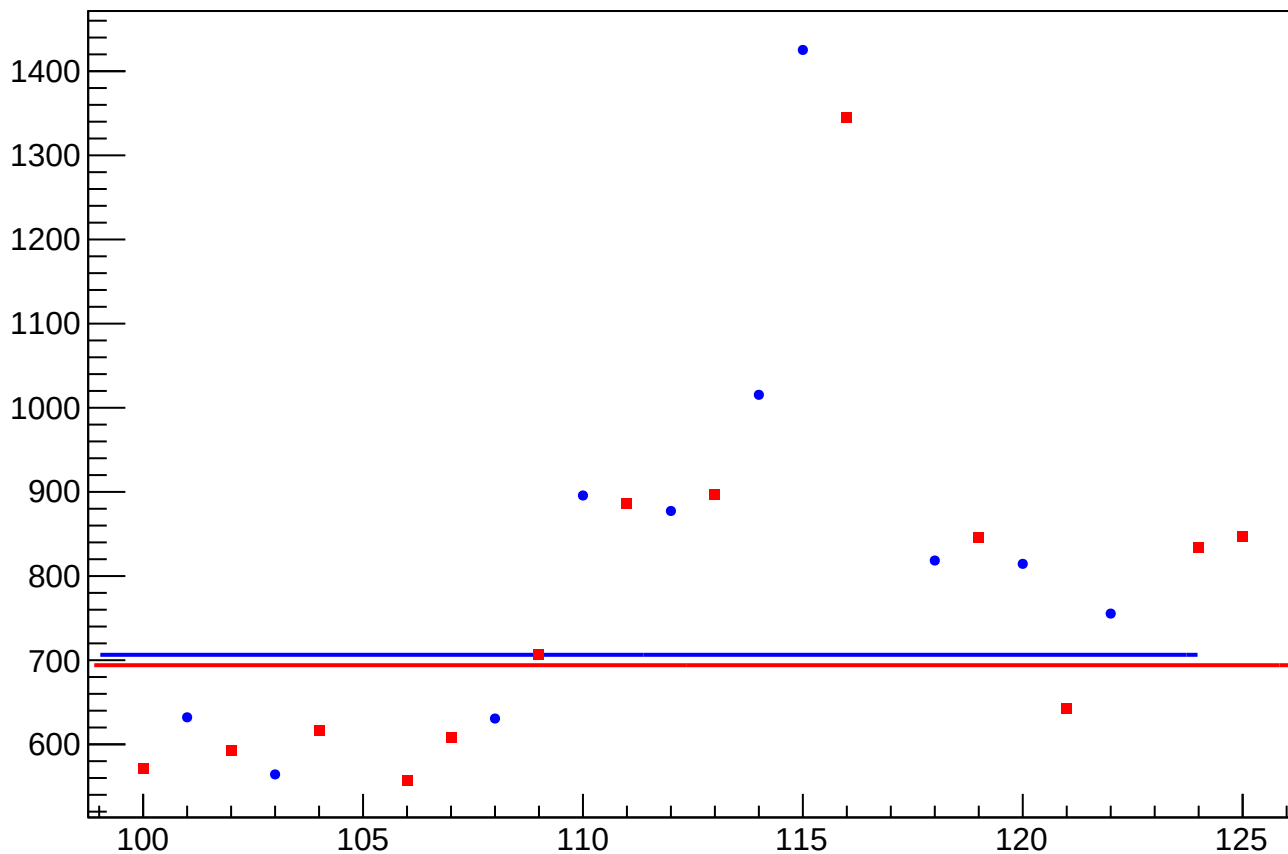
Right: 452.247+/-236.975 χ^2 /NDF: 20.9/22

In: 501.029+/-356.462 χ^2 /NDF:6.9/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 452.247+/-236.975 χ^2 /NDF: 20.9/22

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: 694.052+/-0.224 χ^2/NDF : 392404.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

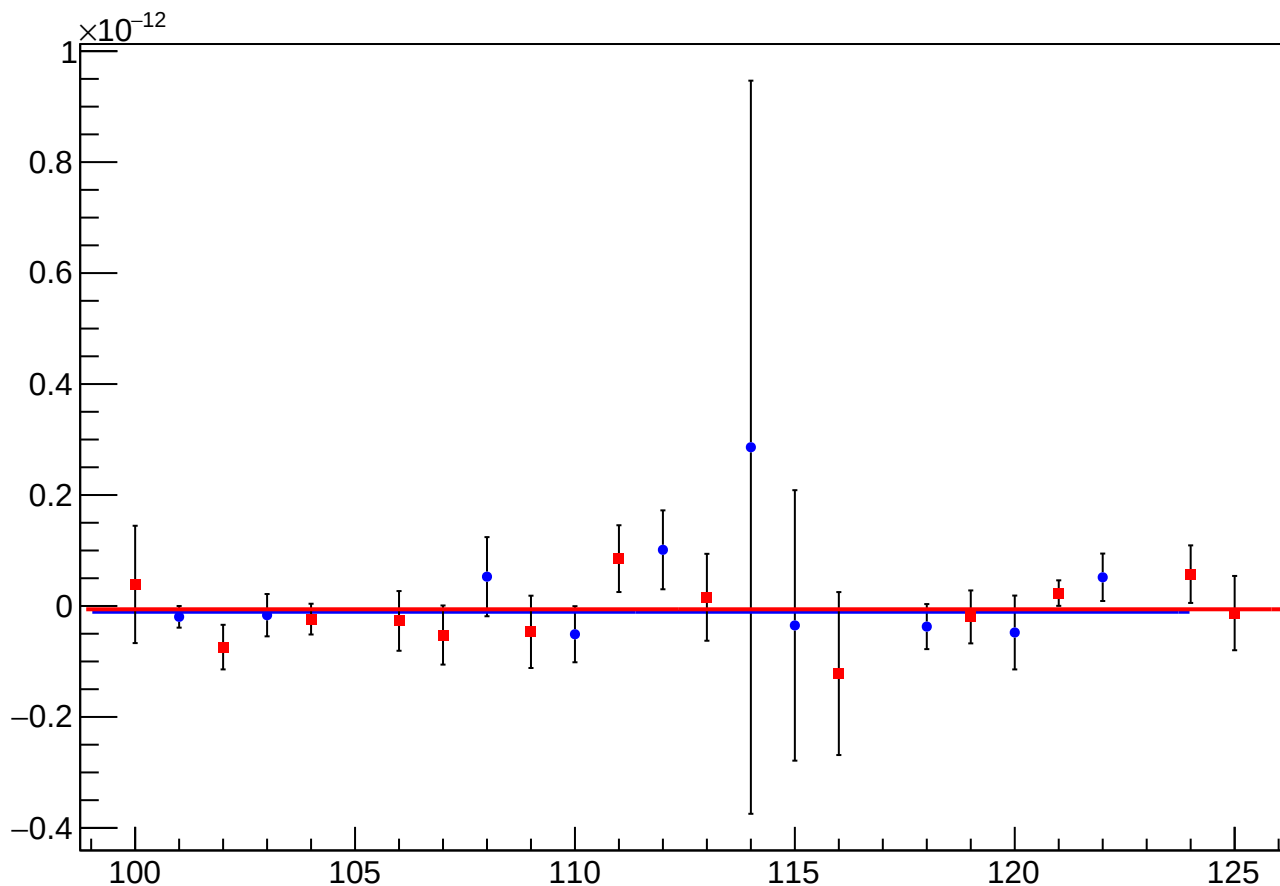
Right: 699.512+/-0.168 χ^2/NDF : 700661.8/22

In: 706.407+/-0.252 χ^2/NDF : 306917.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 699.512+/-0.168 χ^2/NDF : 700661.8/22

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 : 11.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

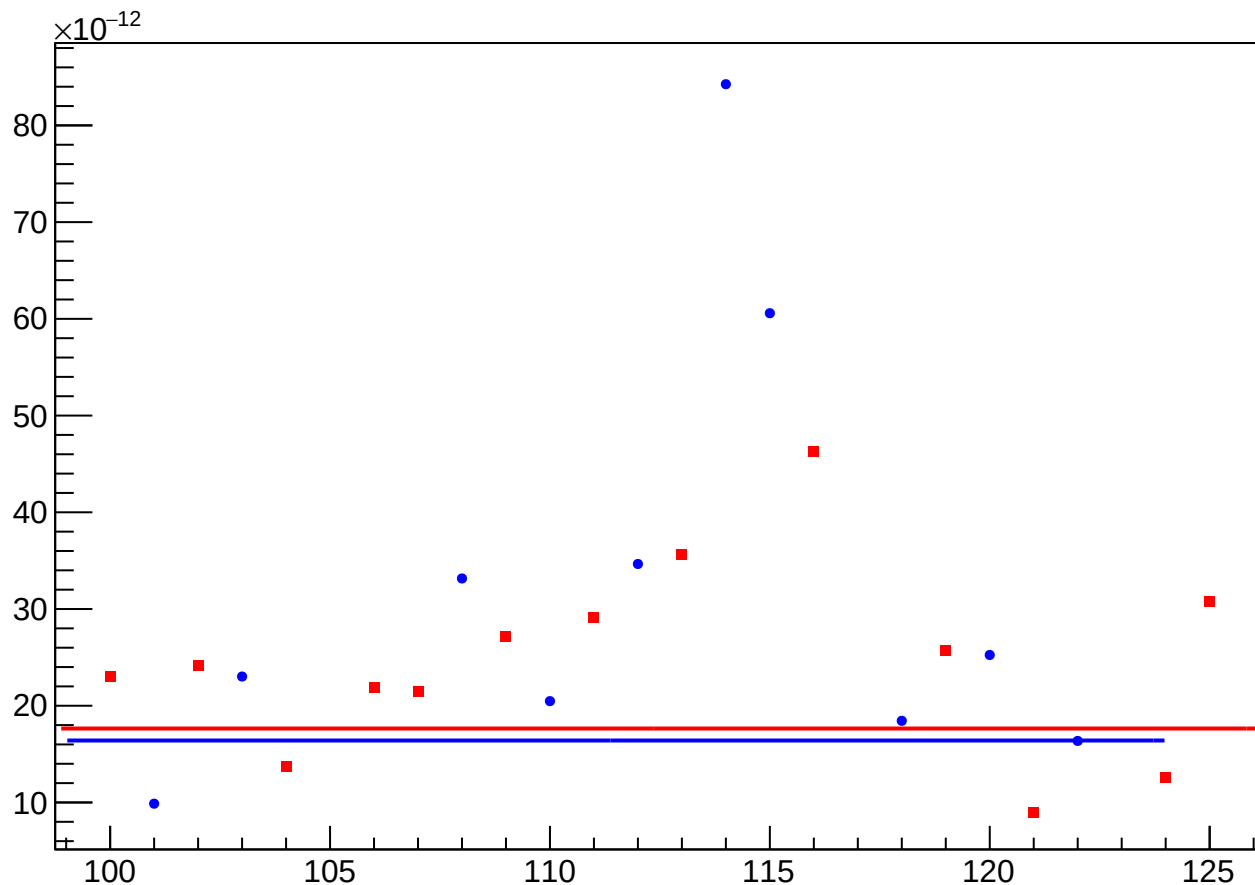
Right: -0.000+/-0.000 χ^2/NDF : 18.2/22

In: -0.000+/-0.000 χ^2/NDF :7.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.2/22

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 : 856466.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

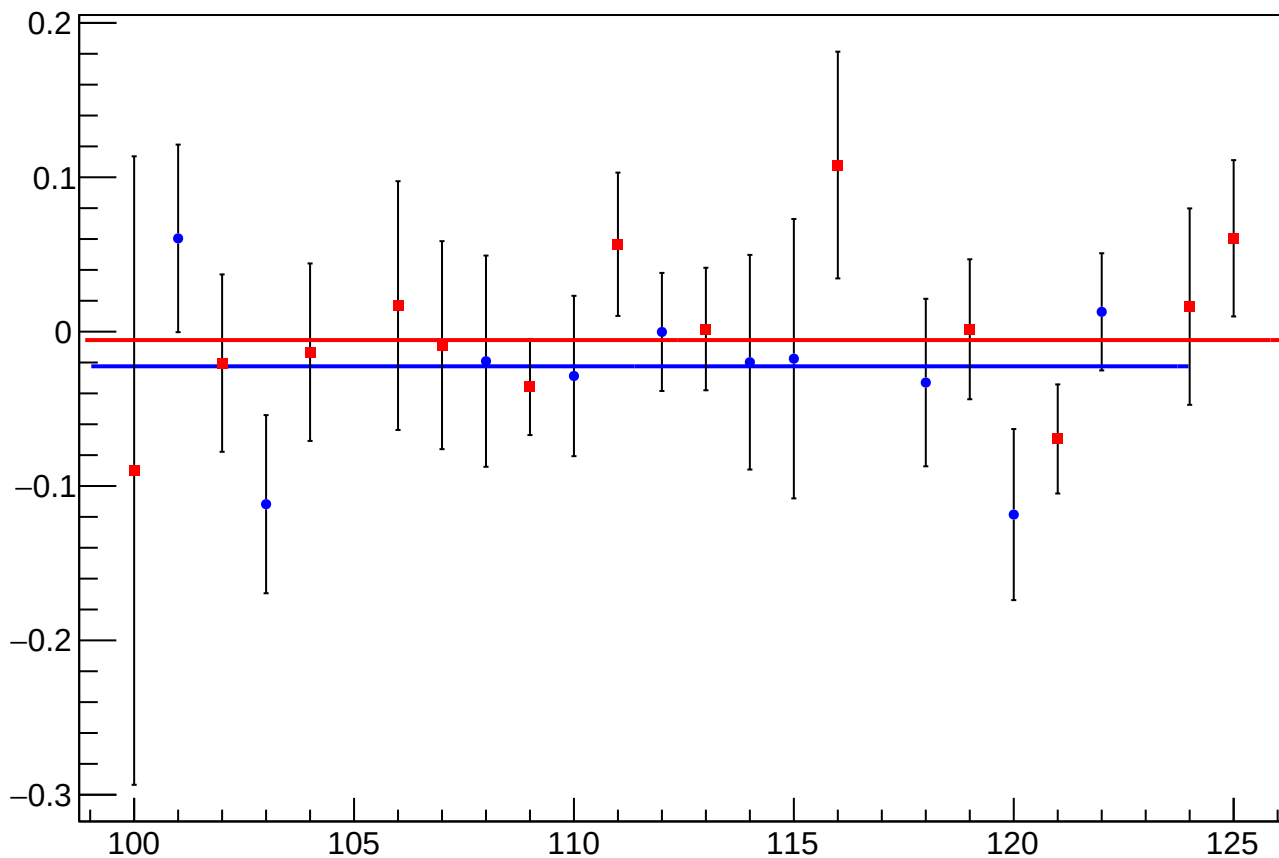
Right: 0.000+/-0.000 χ^2/NDF : 1531955.5/22

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 : 1531955.5/22

asym_sam_15_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022+/-0.017 χ^2/NDF : 8.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.005+/-0.014 χ^2/NDF : 10.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

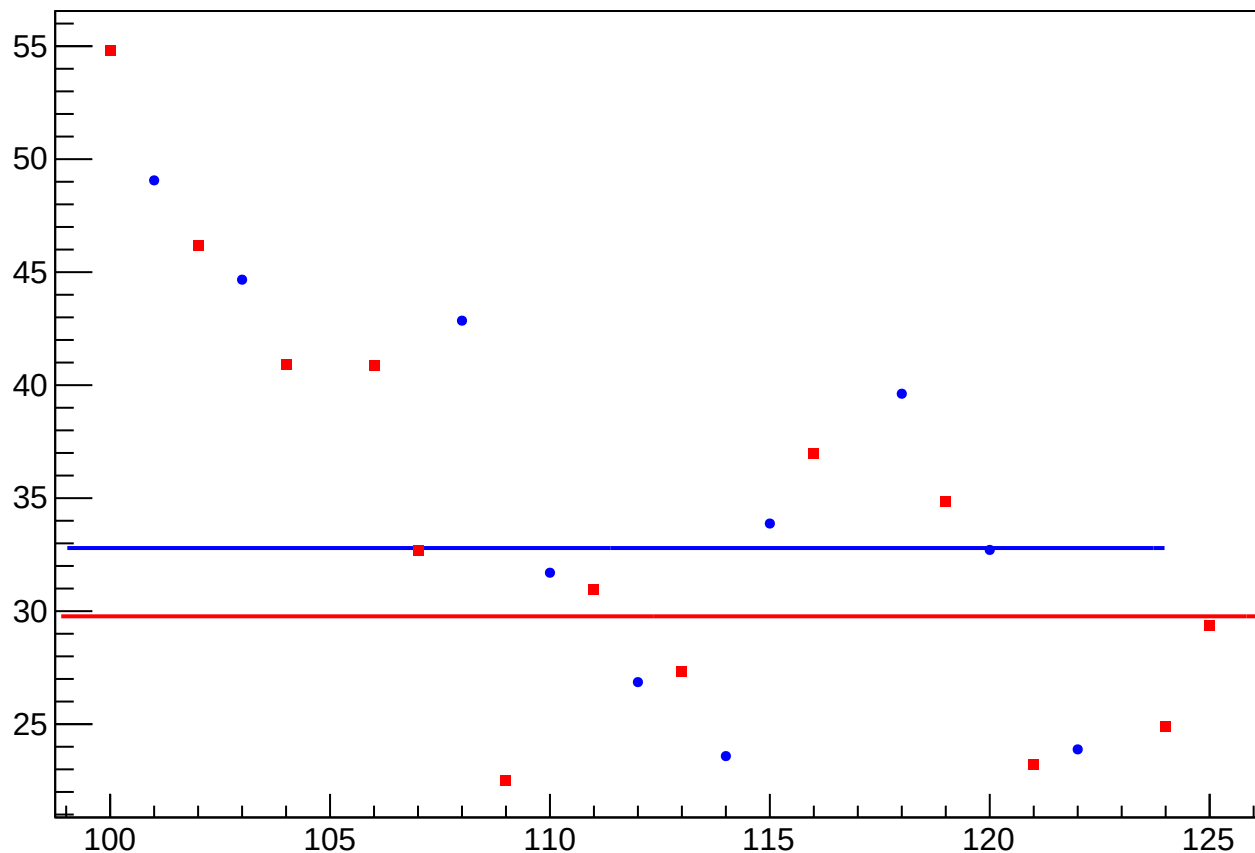
Right: -0.012+/-0.011 χ^2/NDF : 19.7/22

In: -0.022+/-0.017 χ^2/NDF :8.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.012+/-0.011 χ^2/NDF : 19.7/22

asym_sam_15_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.793+/-0.012 χ^2/NDF : 497617.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.771+/-0.010 χ^2/NDF : 553273.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

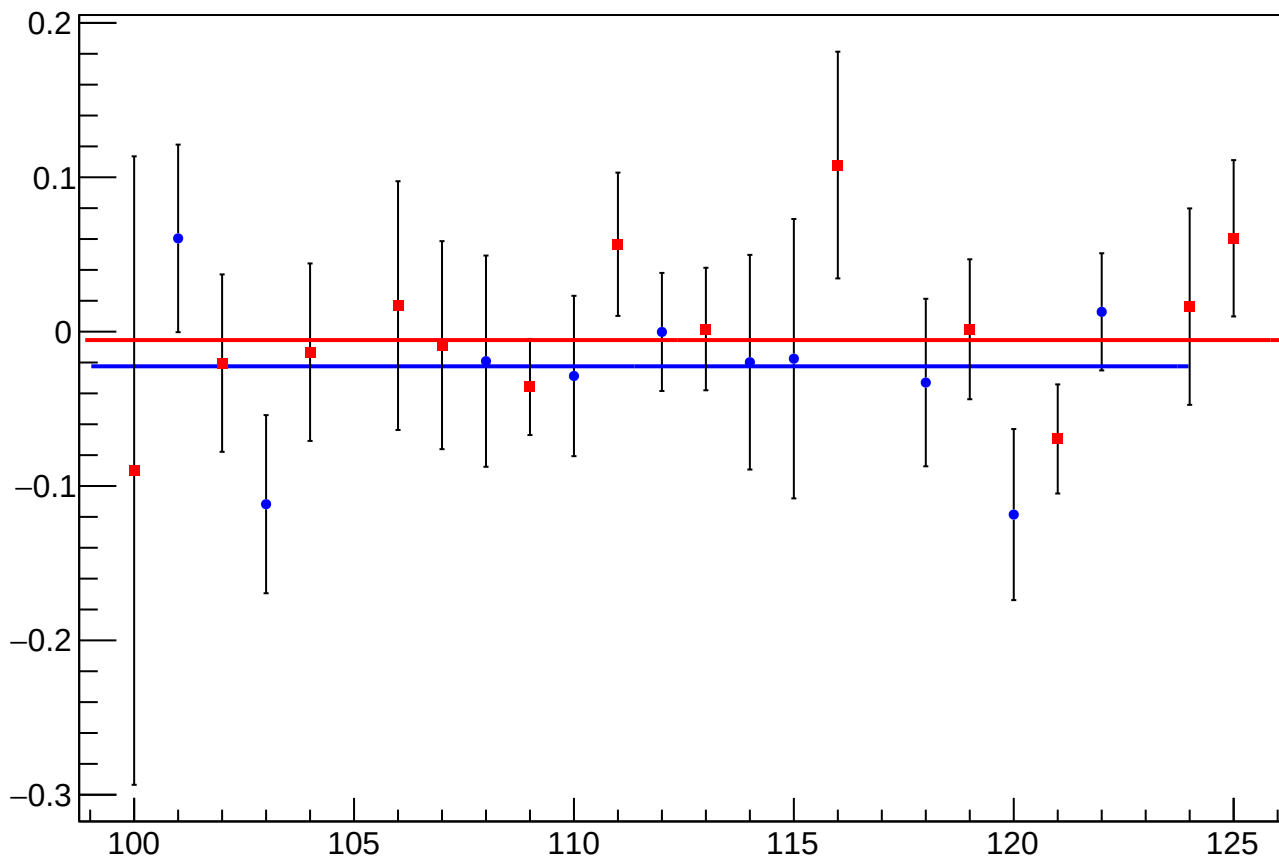
Right: 30.986+/-0.008 χ^2/NDF : 1089407.0/22

In: 32.793+/-0.012 χ^2/NDF : 497617.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.986+/-0.008 χ^2/NDF : 1089407.0/22

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: -0.005+/-0.014 χ^2 /NDF: 10.6/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

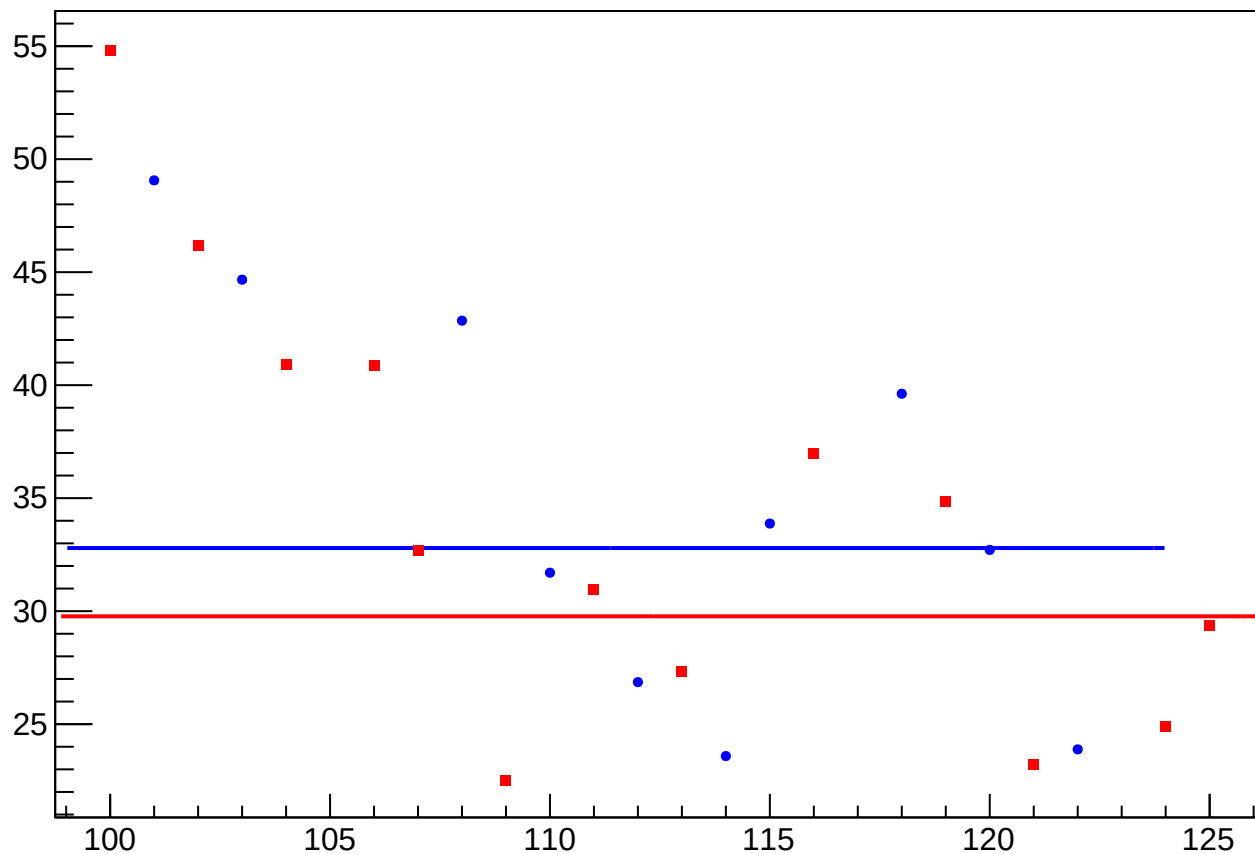
Right: -0.012+/-0.011 χ^2 /NDF: 19.7/22

In: -0.022+/-0.017 χ^2 /NDF:8.5/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.012+/-0.011 χ^2 /NDF: 19.7/22

asym_sam_15_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.793+/-0.012 χ^2/NDF : 497617.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.771+/-0.010 χ^2/NDF : 553273.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

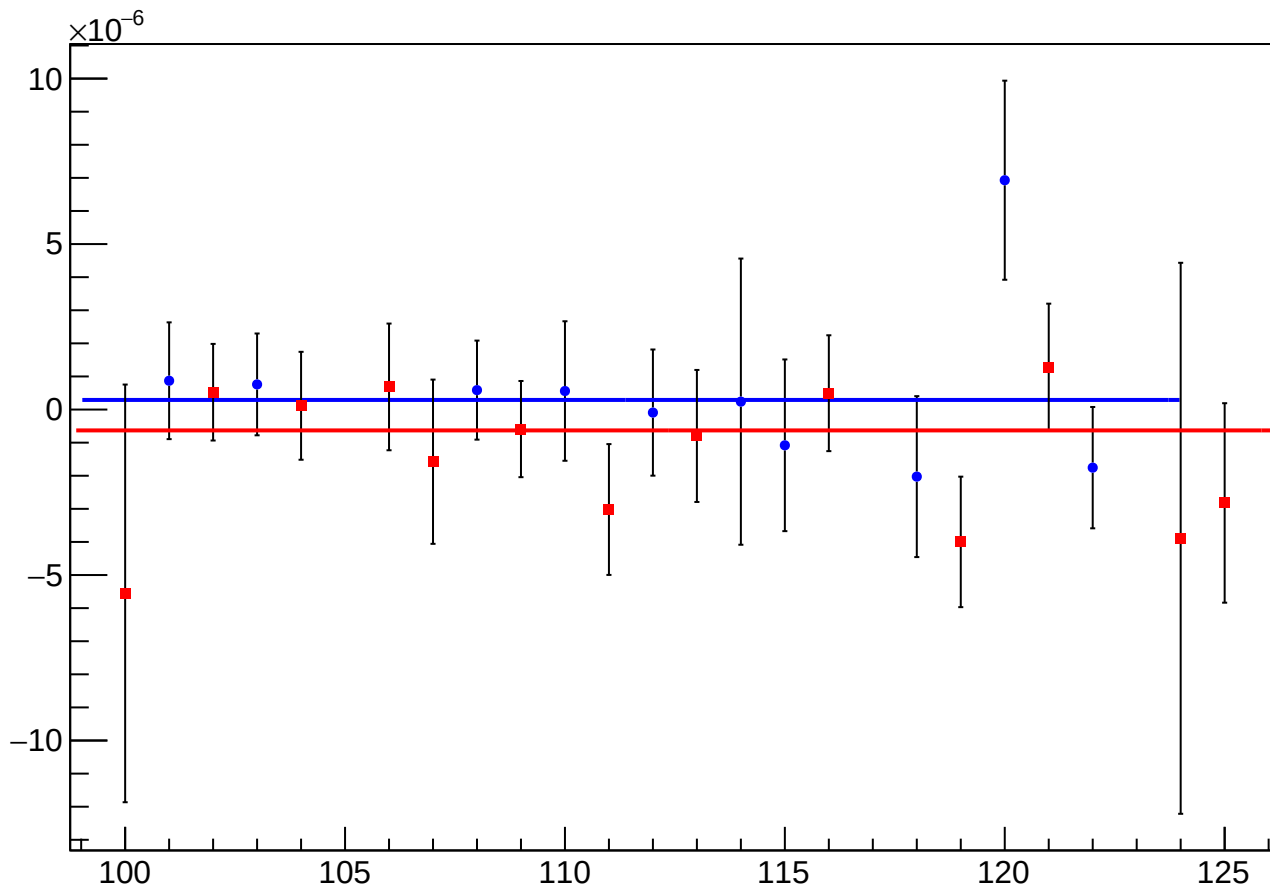
Right: 30.986+/-0.008 χ^2/NDF : 1089407.0/22

In: 32.793+/-0.012 χ^2/NDF : 497617.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.986+/-0.008 χ^2/NDF : 1089407.0/22

asym_sam_15_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

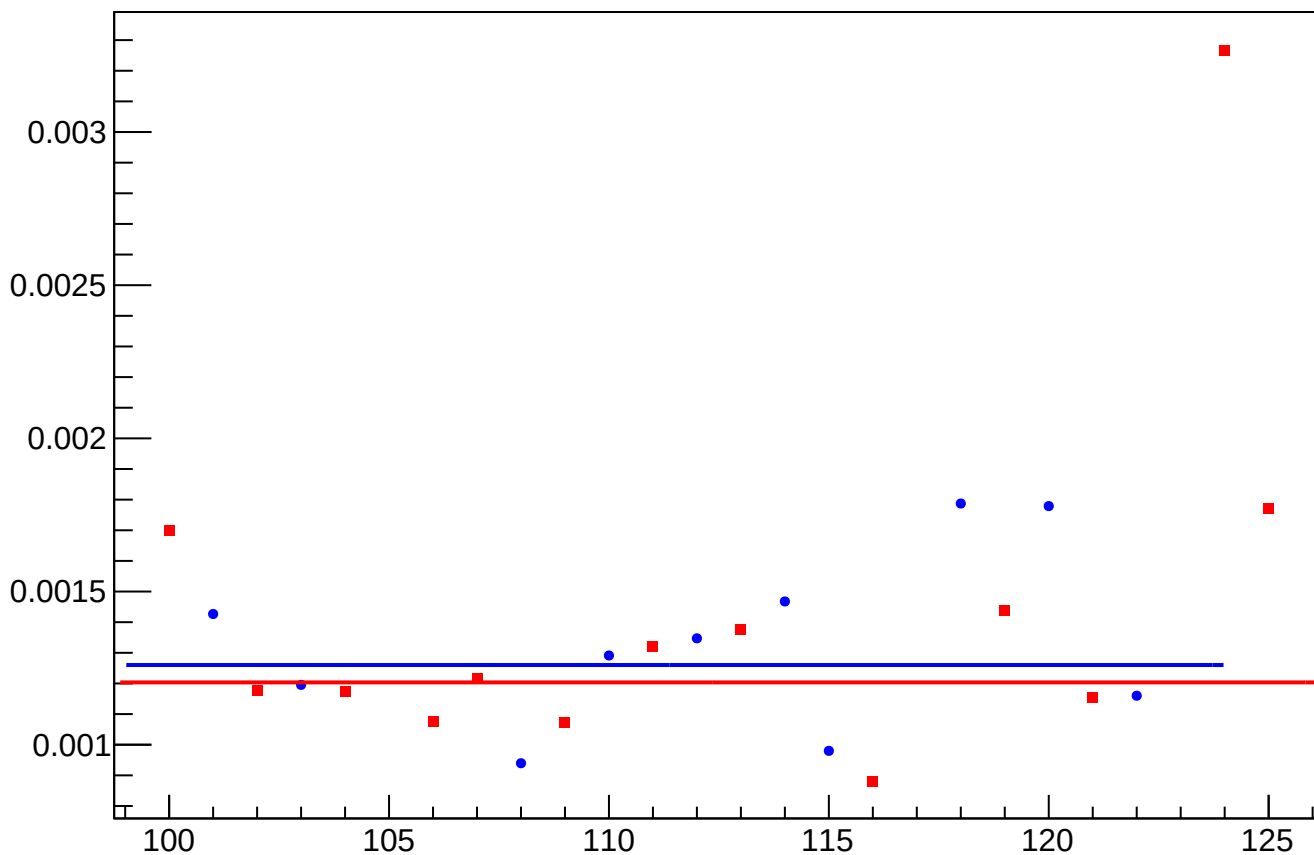
Right: -0.000+/-0.000 χ^2/NDF : 17.3/22

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 : 17.3/22

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 : 352310.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

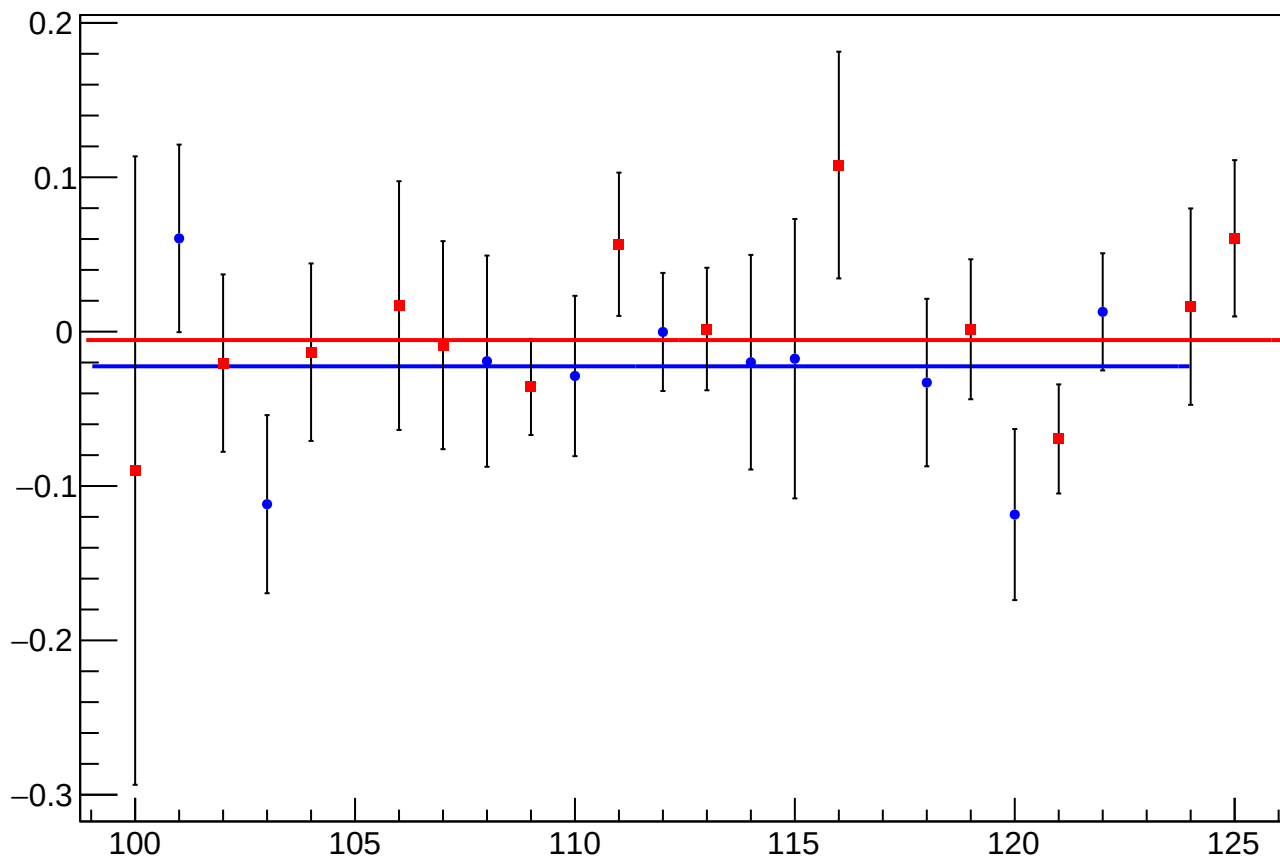
Right: 0.001+/-0.000 χ^2/NDF : 666716.5/22

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 : 666716.5/22

asym_sam_15_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022 ± 0.017 χ^2/NDF : 8.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.005 ± 0.014 χ^2/NDF : 10.6/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

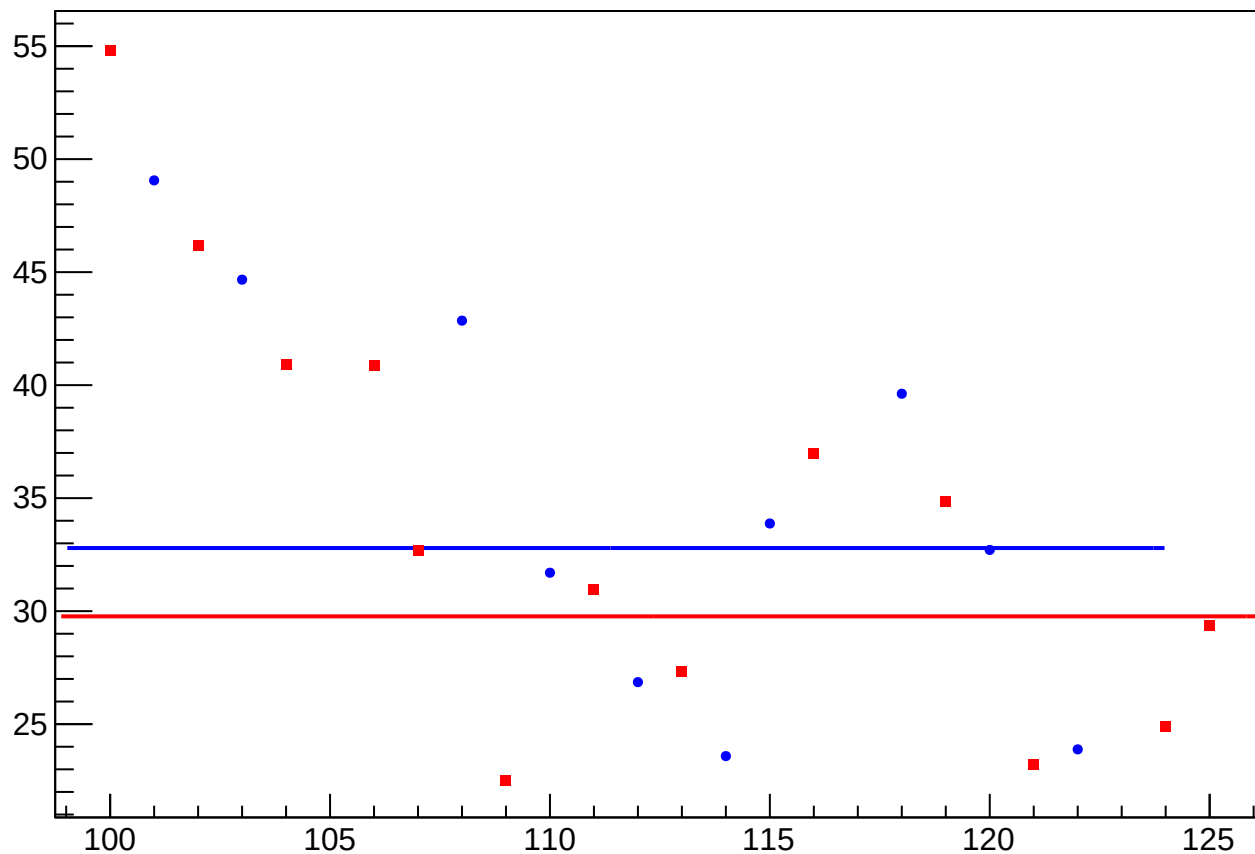
Right: -0.012 ± 0.011 χ^2/NDF : 19.7/22

In: -0.022 ± 0.017 χ^2/NDF : 8.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.012 ± 0.011 χ^2/NDF : 19.7/22

asym_sam_15_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.792+/-0.012 χ^2/NDF : 497631.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.770+/-0.010 χ^2/NDF : 553330.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

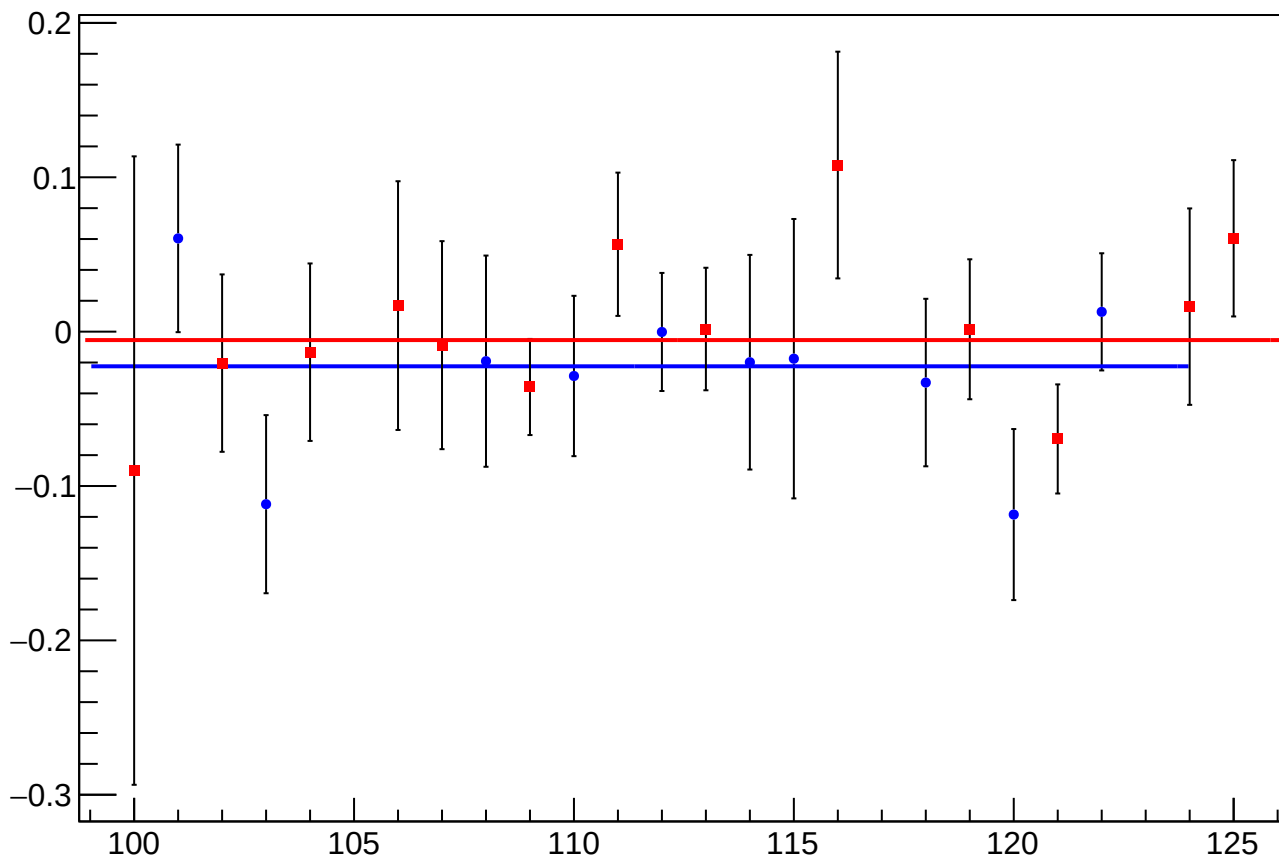
Right: 30.985+/-0.008 χ^2/NDF : 1089487.5/22

In: 32.792+/-0.012 χ^2/NDF : 497631.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.985+/-0.008 χ^2/NDF : 1089487.5/22

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022+/-0.017 χ^2/NDF : 8.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.005+/-0.014 χ^2/NDF : 10.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

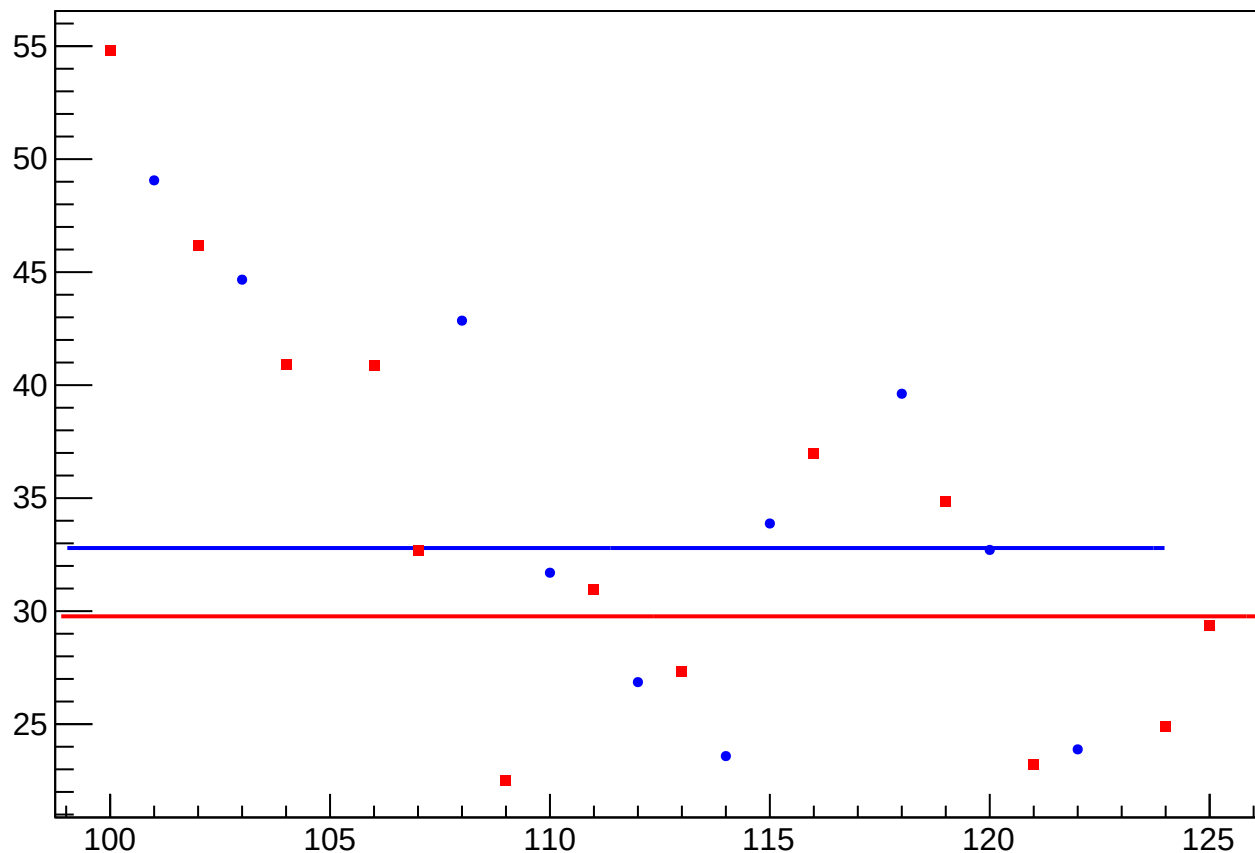
Right: -0.012+/-0.011 χ^2/NDF : 19.7/22

In: -0.022+/-0.017 χ^2/NDF : 8.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.012+/-0.011 χ^2/NDF : 19.7/22

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.792+/-0.012 χ^2/NDF : 497631.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.770+/-0.010 χ^2/NDF : 553330.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

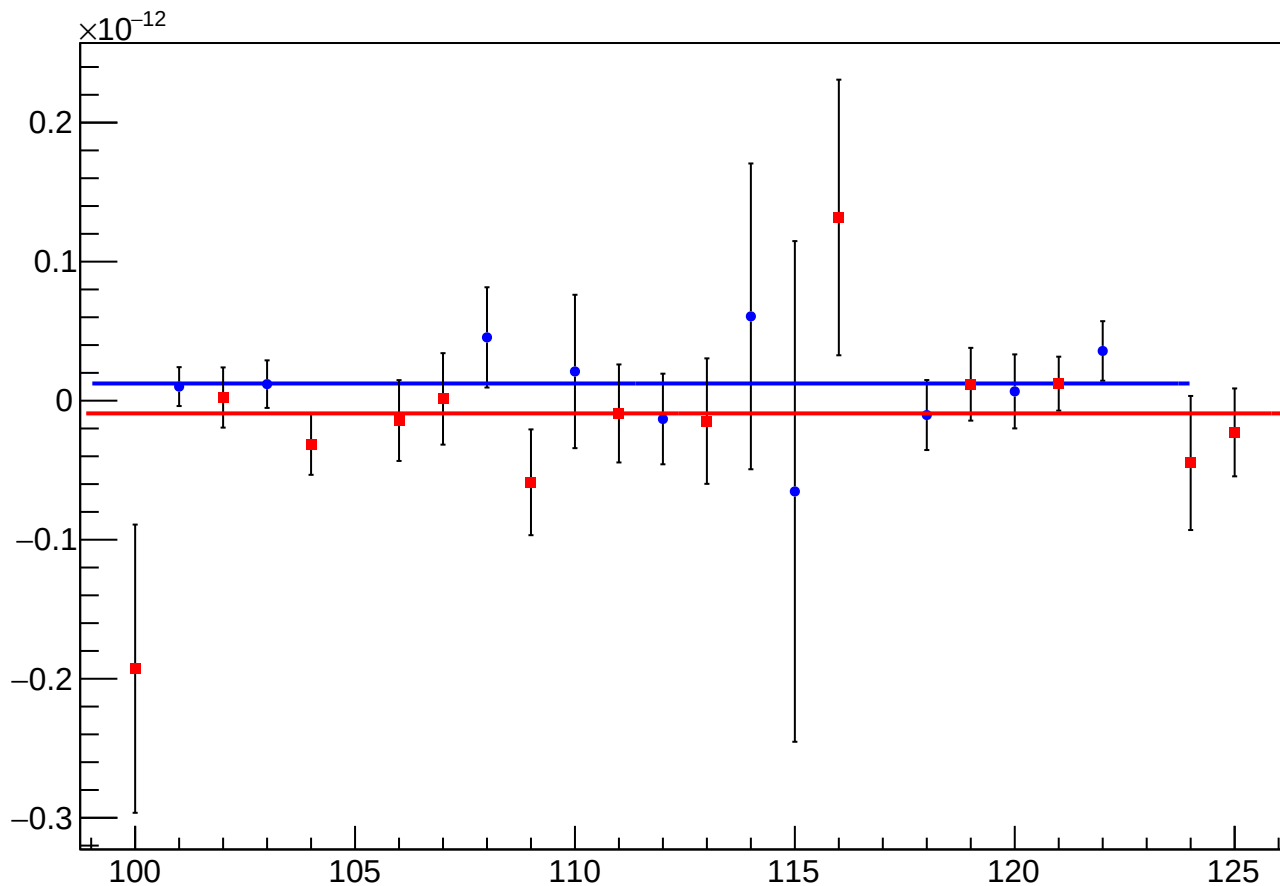
Right: 30.985+/-0.008 χ^2/NDF : 1089487.5/22

In: 32.792+/-0.012 χ^2/NDF : 497631.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.985+/-0.008 χ^2/NDF : 1089487.5/22

asym_sam_15_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.9/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

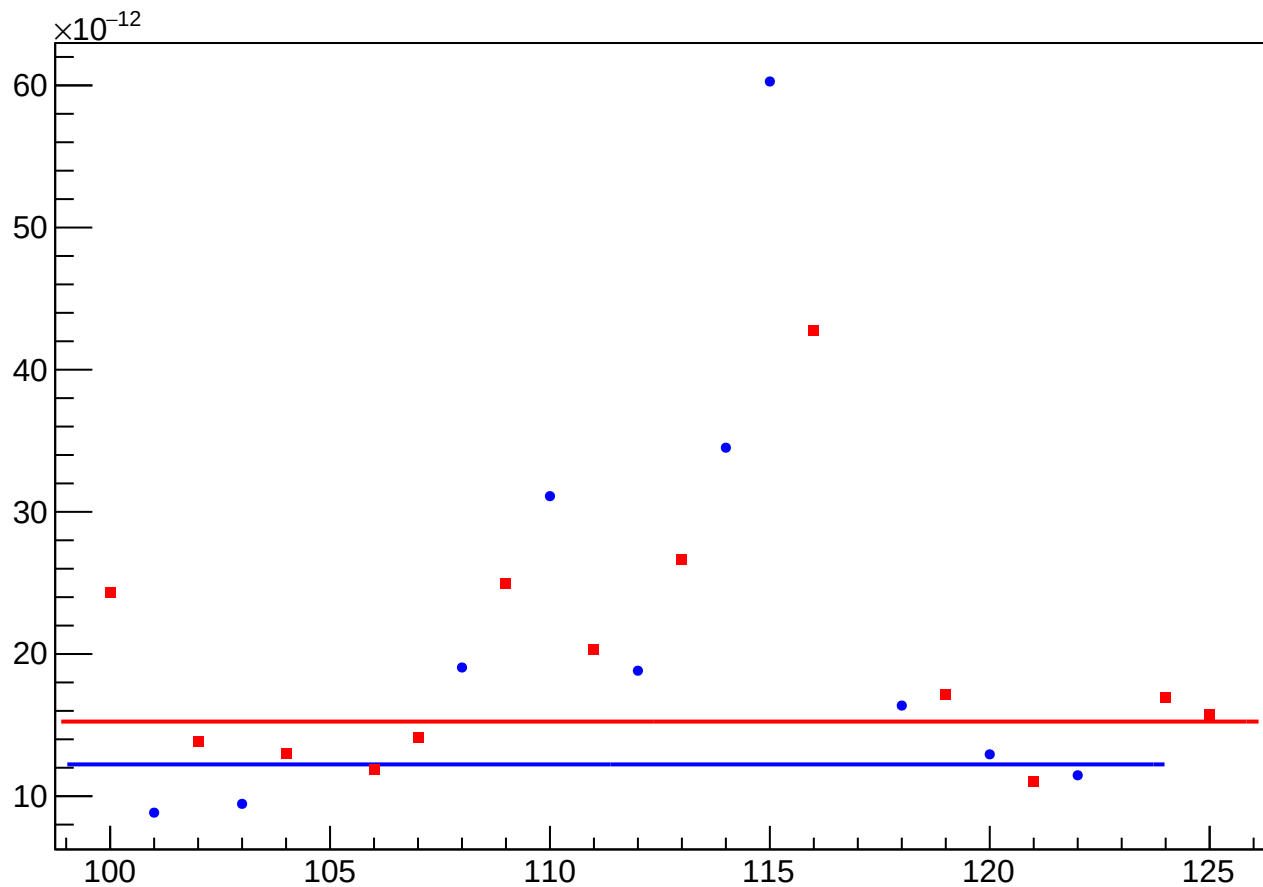
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.3/22

In: 0.000 $\pm$ 0.000 χ^2 /NDF:3.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.3/22

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 : 637149.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

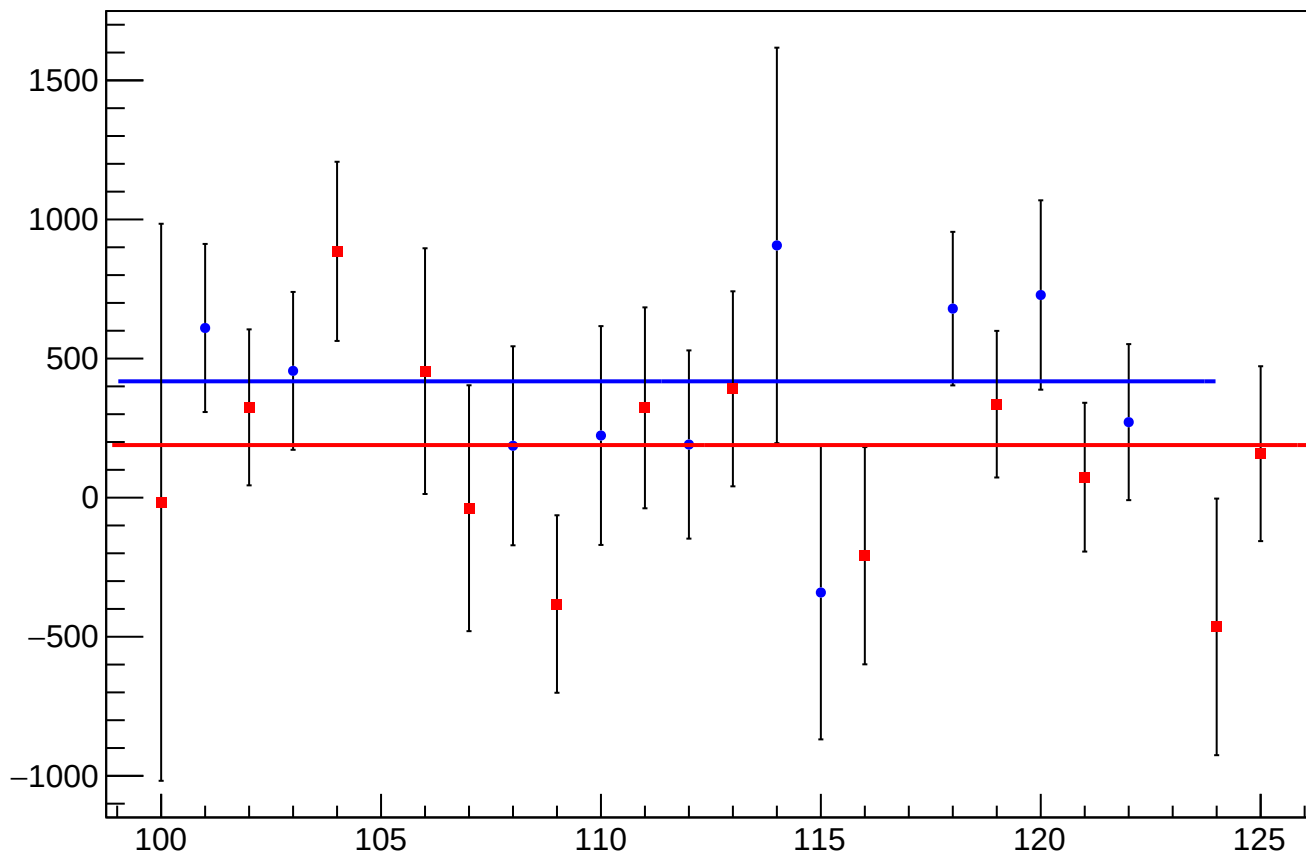
Right: 0.000+/-0.000 χ^2/NDF : 1612684.2/22

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 : 1612684.2/22

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 418.173 $\pm$ 107.557 χ^2 /NDF: 6.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 189.031 $\pm$ 95.779 χ^2 /NDF: 12.8/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

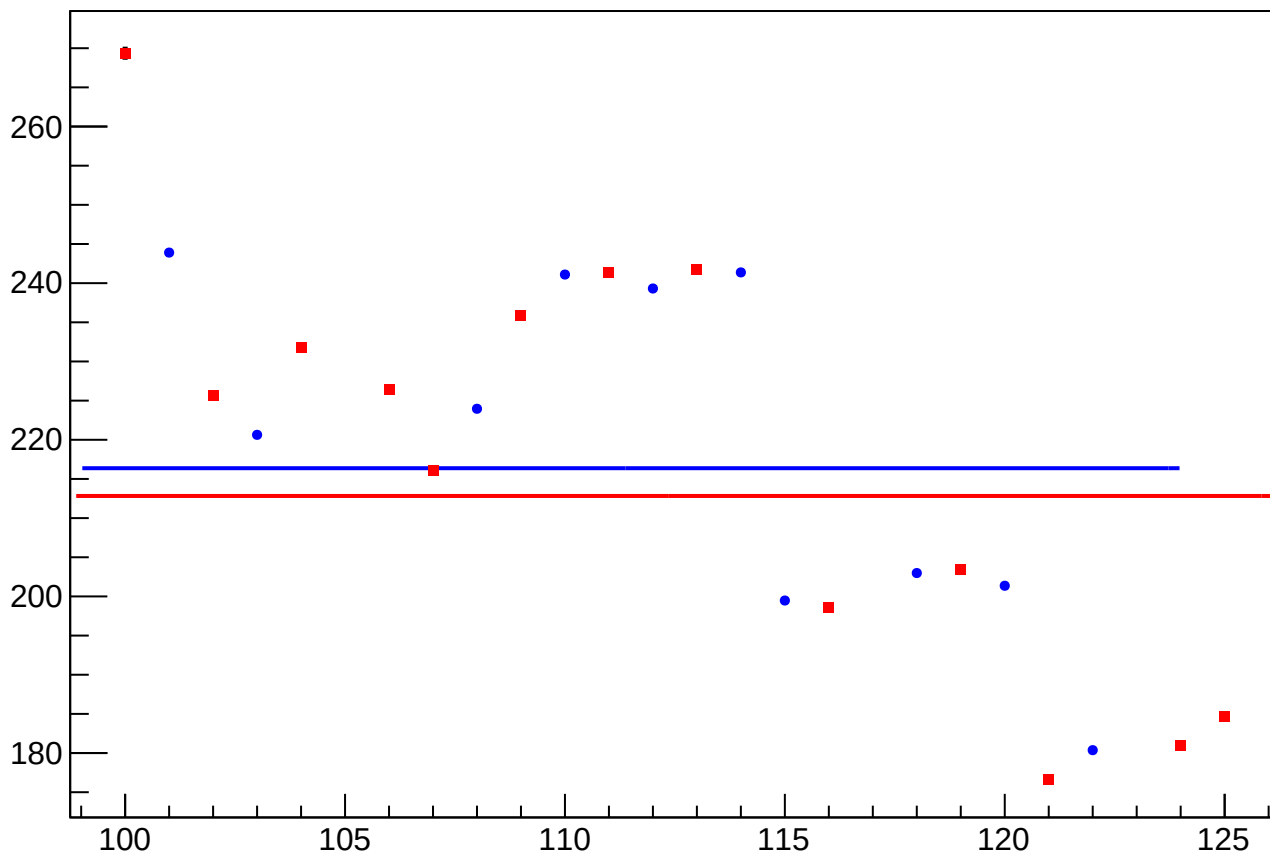
Right: 290.373 $\pm$ 71.529 χ^2 /NDF: 21.4/22

In: 418.173 $\pm$ 107.557 χ^2 /NDF:6.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 290.373 $\pm$ 71.529 χ^2 /NDF: 21.4/22

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: 212.827 $\pm$ 0.068 χ^2 /NDF: 123377.5/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

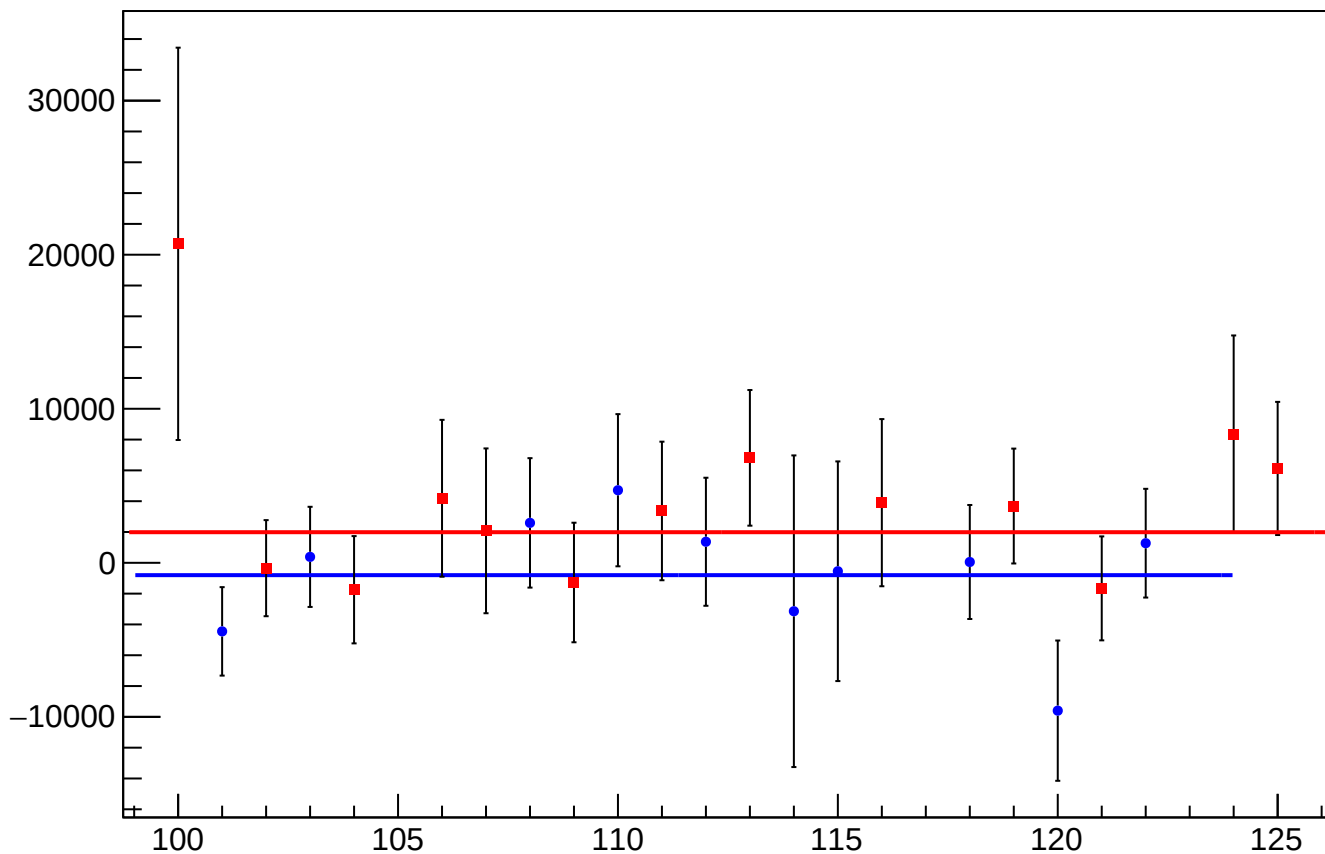
Right: 214.395 $\pm$ 0.051 χ^2 /NDF: 205734.1/22

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: 214.395 $\pm$ 0.051 χ^2 /NDF: 205734.1/22

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: 1987.207+/-1191.704 χ^2/NDF : 9.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

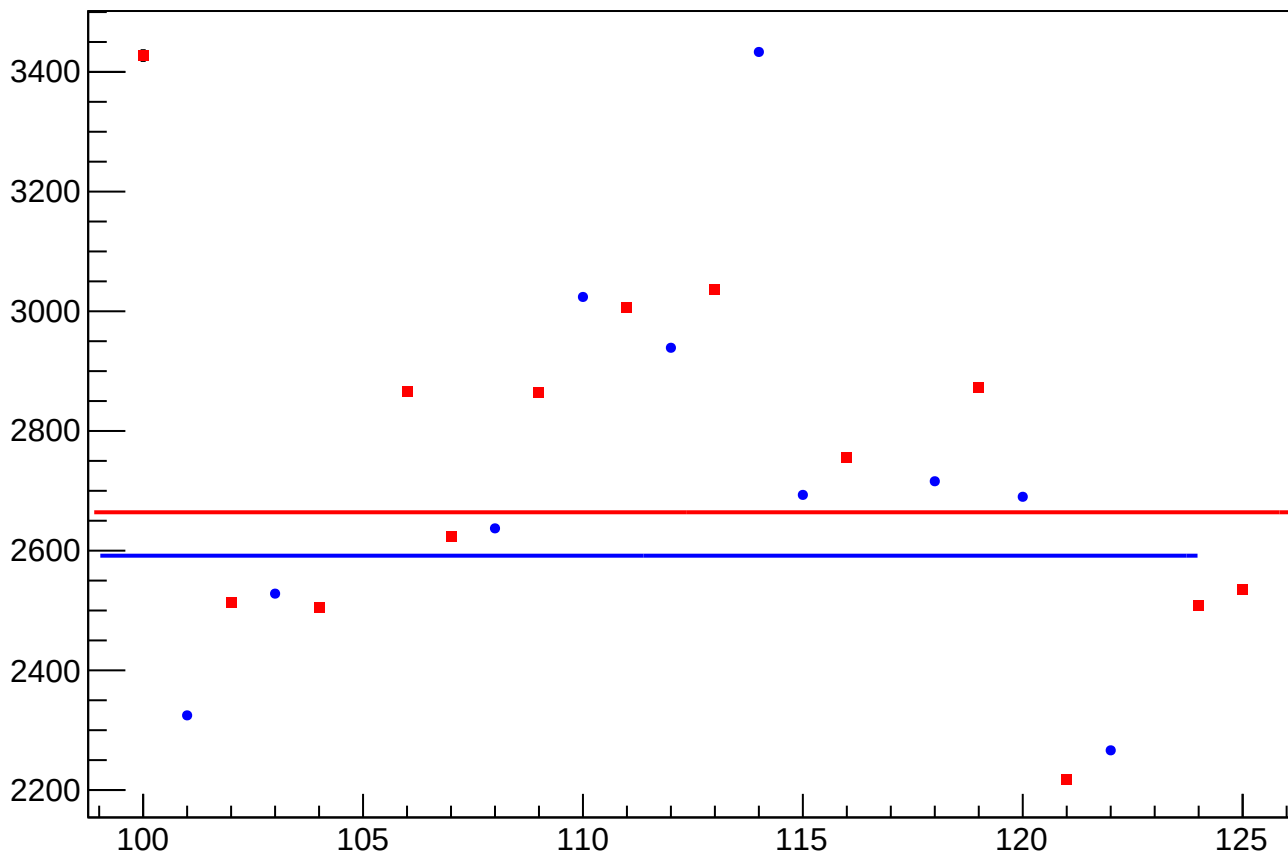
Right: 701.588+/-874.823 χ^2/NDF : 20.1/22

In: -800.918+/-1288.309 χ^2/NDF : 8.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 701.588+/-874.823 χ^2/NDF : 20.1/22

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: 2664.138+/-0.843 χ^2/NDF : 95314.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

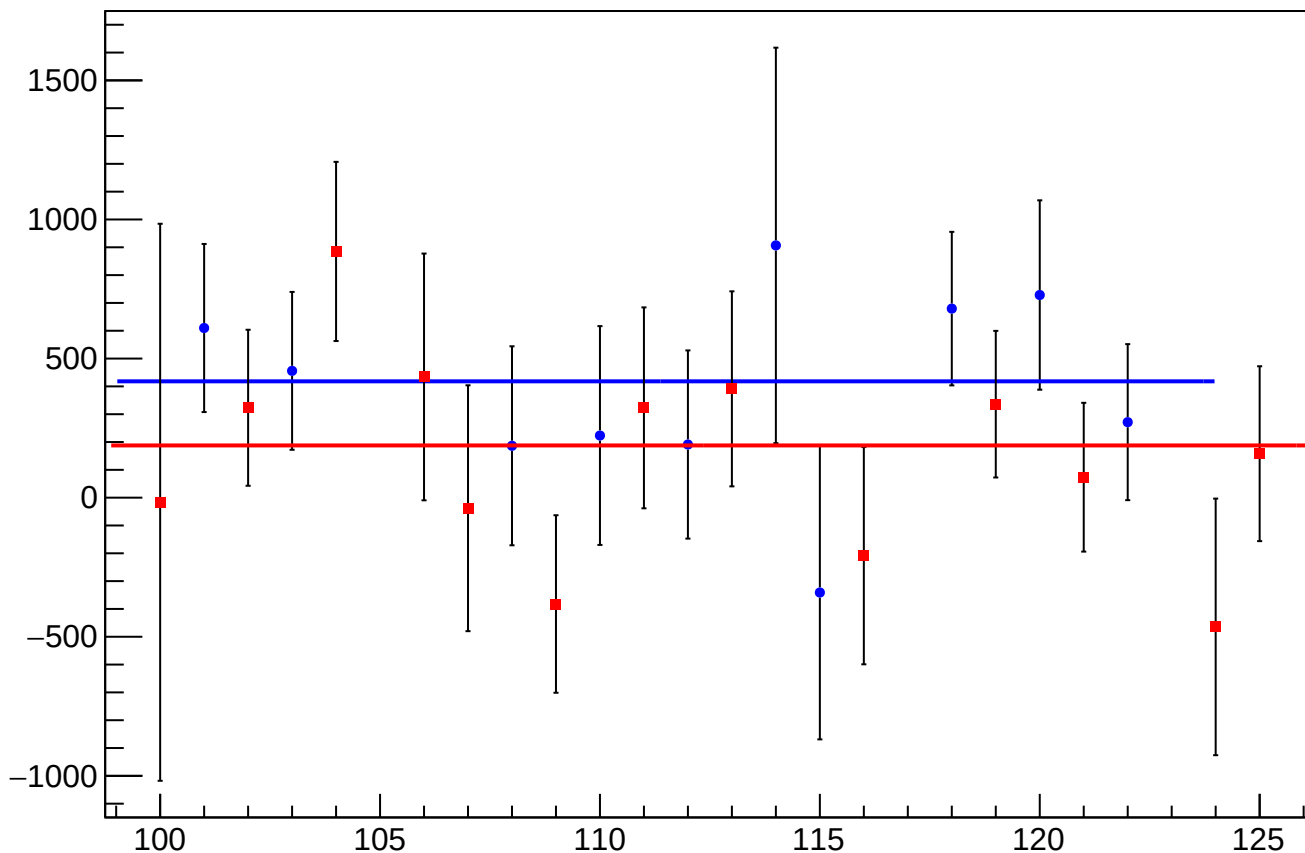
Right: 2630.690+/-0.619 χ^2/NDF : 180741.3/22

In: 2591.599+/-0.911 χ^2/NDF : 82009.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2630.690+/-0.619 χ^2/NDF : 180741.3/22

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: 187.755+/-95.801 χ^2/NDF : 12.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

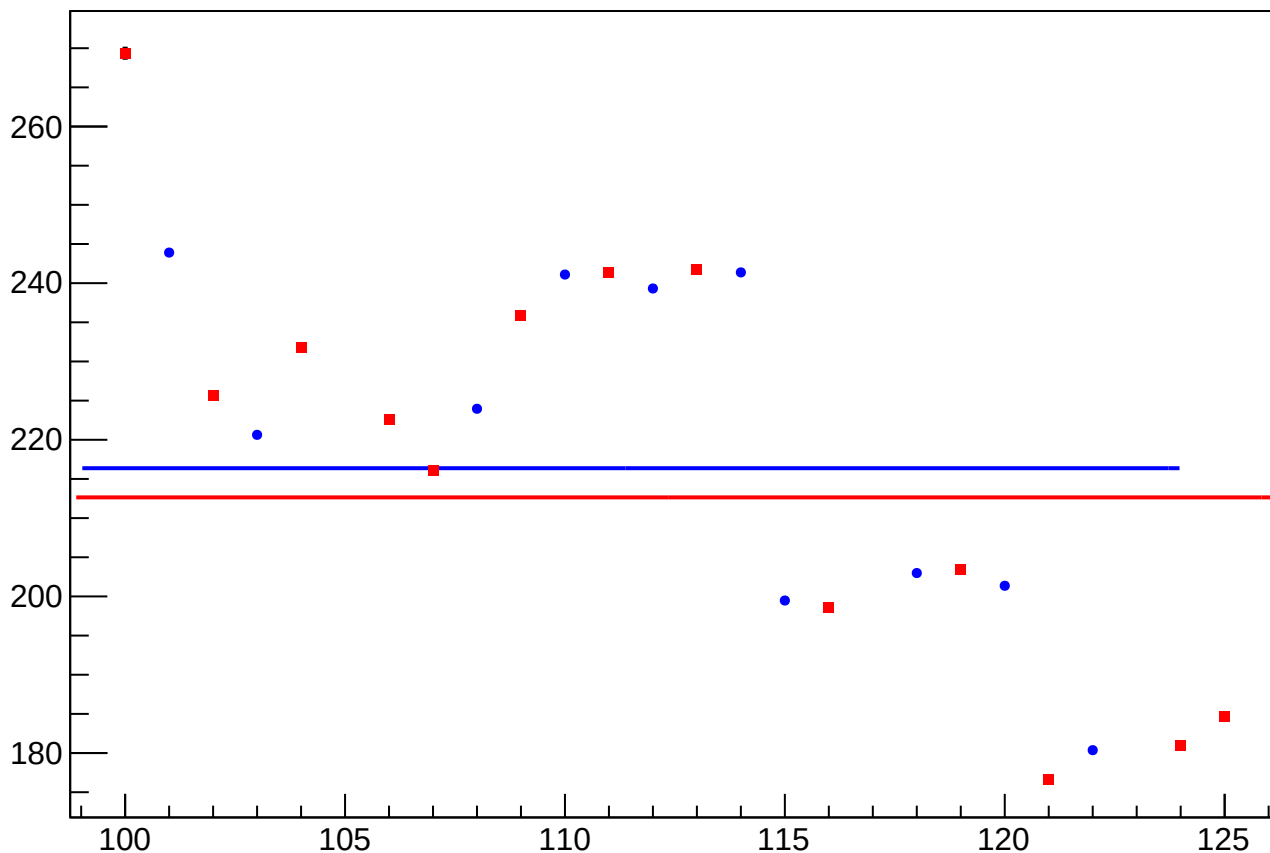
Right: 289.696+/-71.538 χ^2/NDF : 21.4/22

In: 418.193+/-107.557 χ^2/NDF : 6.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 289.696+/-71.538 χ^2/NDF : 21.4/22

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: 212.645 ± 0.068 χ^2/NDF : 122461.4/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

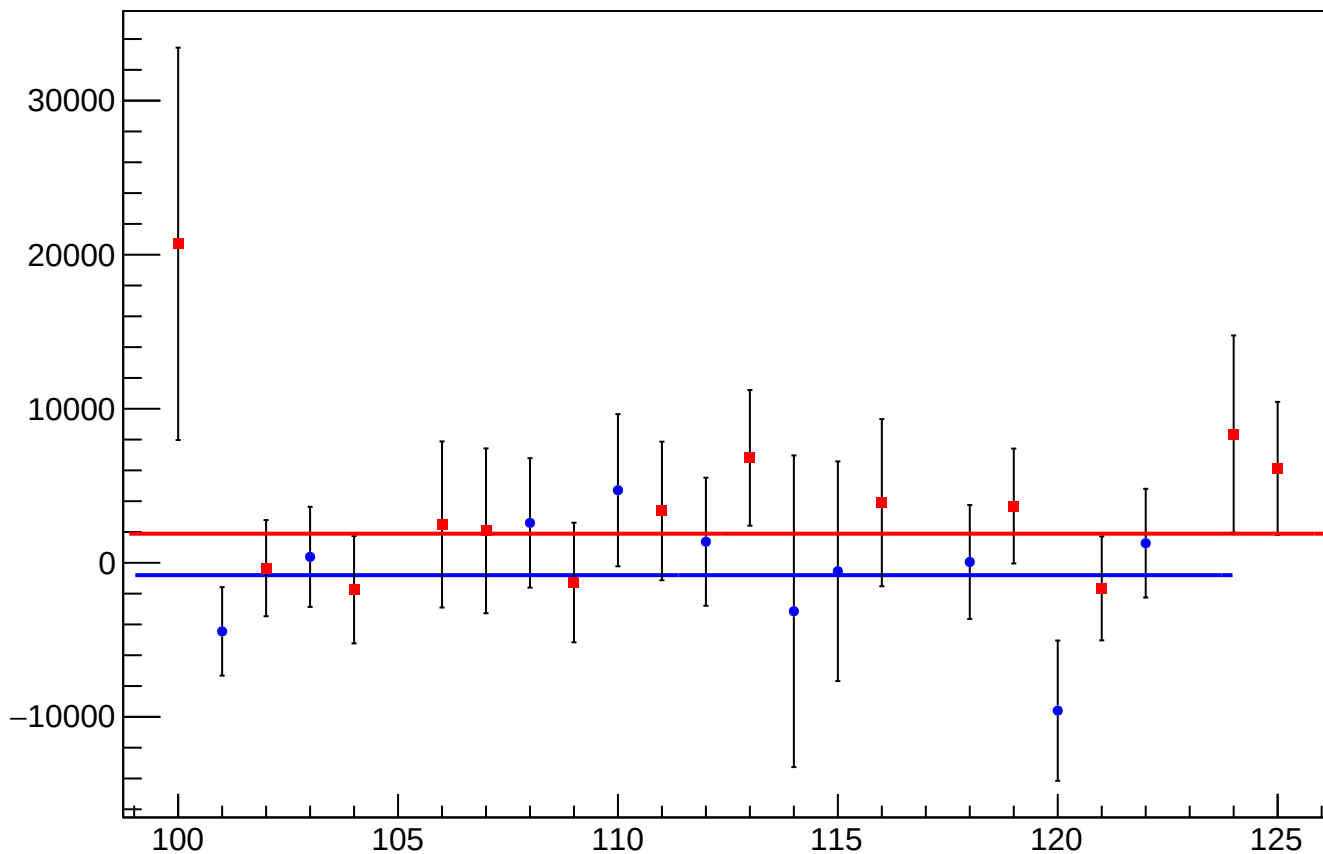
Right: 214.294 ± 0.051 χ^2/NDF : 204945.5/22

In: 216.372 ± 0.076 χ^2/NDF : 81145.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 214.294 ± 0.051 χ^2/NDF : 204945.5/22

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: 1891.070+/-1195.332 χ^2/NDF : 9.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

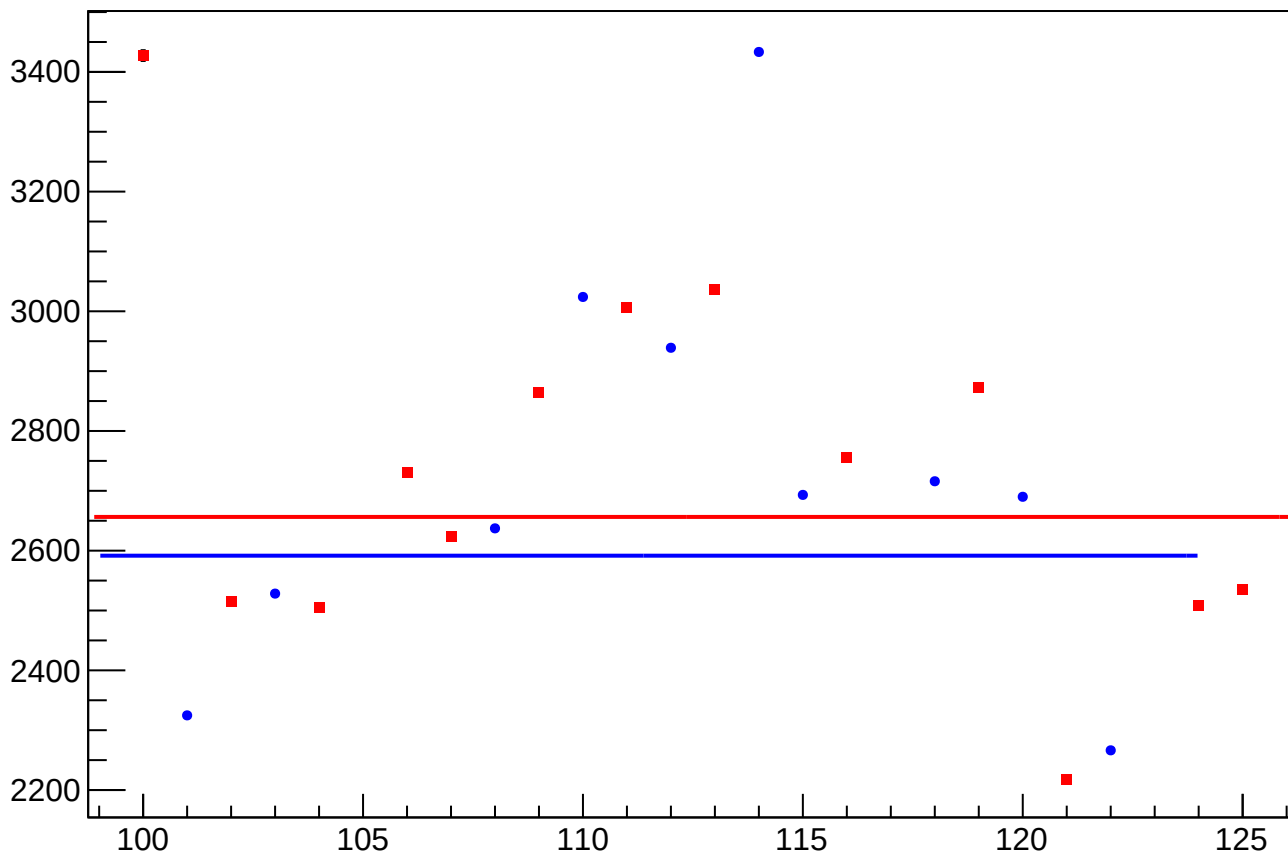
Right: 645.768+/-876.257 χ^2/NDF : 19.7/22

In: -800.806+/-1288.314 χ^2/NDF : 8.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 645.768+/-876.257 χ^2/NDF : 19.7/22

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: 2656.377+/-0.845 χ^2/NDF : 92303.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

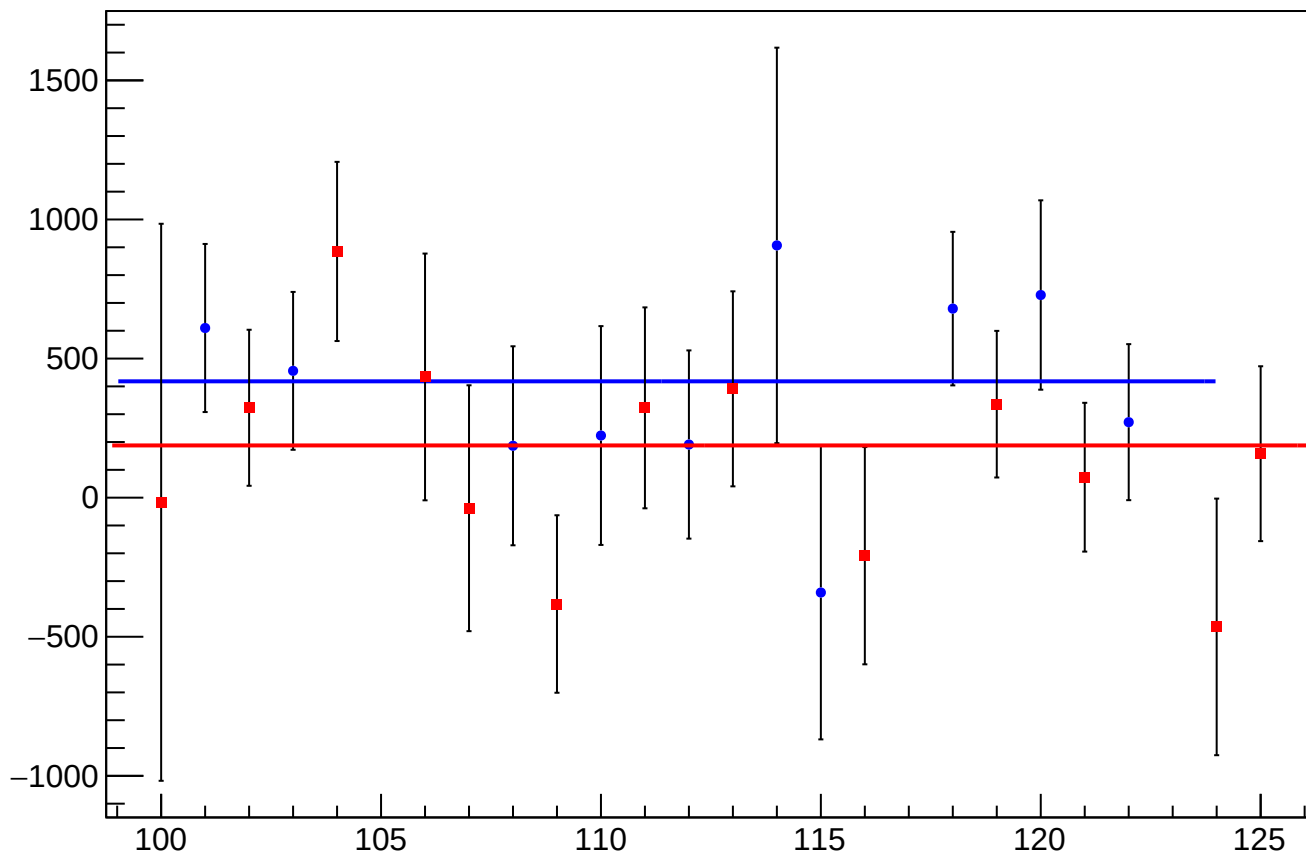
Right: 2626.414+/-0.620 χ^2/NDF : 177027.6/22

In: 2591.609+/-0.911 χ^2/NDF : 82008.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2626.414+/-0.620 χ^2/NDF : 177027.6/22

eigen_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: 187.755+/-95.801 χ^2/NDF : 12.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

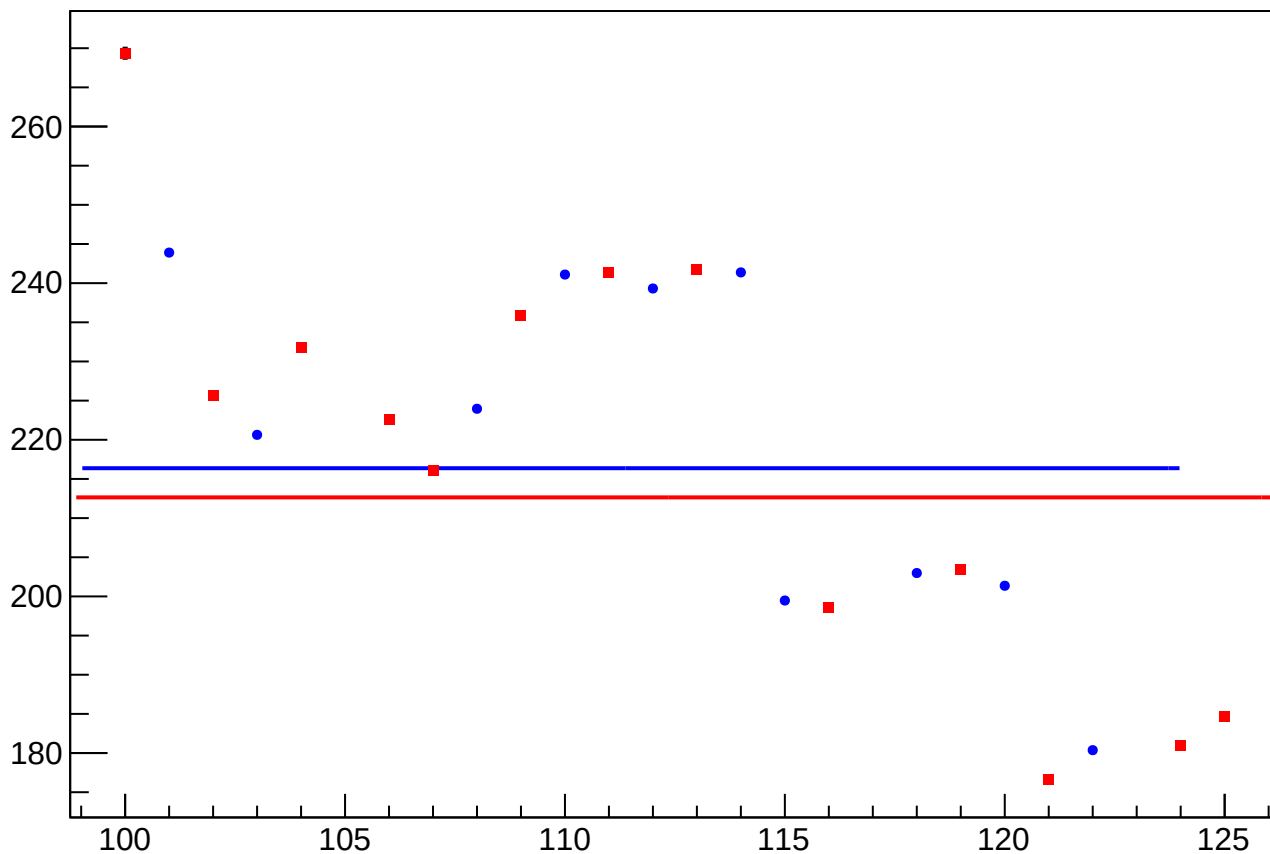
Right: 289.696+/-71.538 χ^2/NDF : 21.4/22

In: 418.193+/-107.557 χ^2/NDF : 6.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 289.696+/-71.538 χ^2/NDF : 21.4/22

eigen_cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 216.372 $\pm$ 0.076 χ^2 /NDF: 81145.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 212.645 $\pm$ 0.068 χ^2 /NDF: 122461.4/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

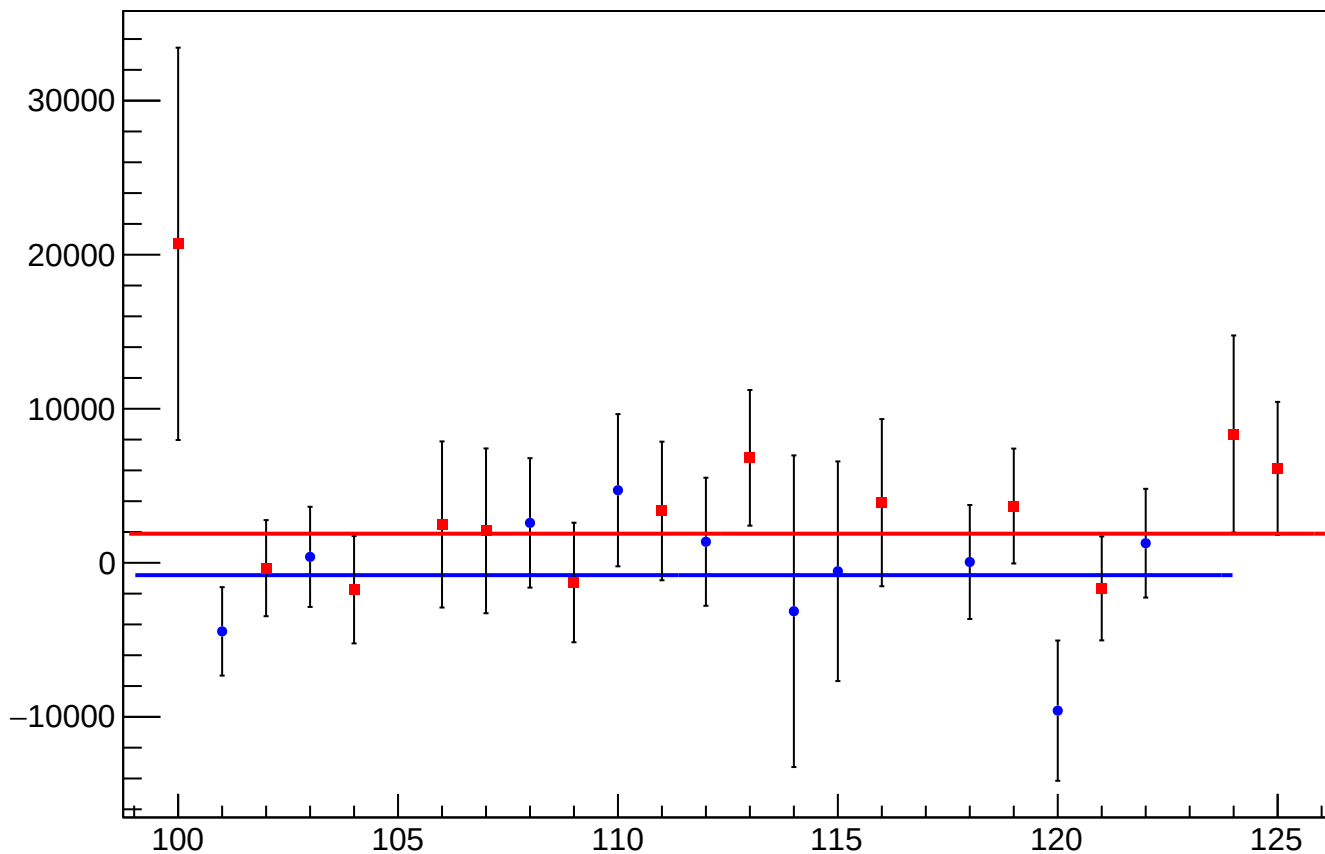
Right: 214.294 $\pm$ 0.051 χ^2 /NDF: 204945.5/22

In: 216.372 $\pm$ 0.076 χ^2 /NDF:81145.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 214.294 $\pm$ 0.051 χ^2 /NDF: 204945.5/22

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: 1891.070+/-1195.332 χ^2/NDF : 9.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

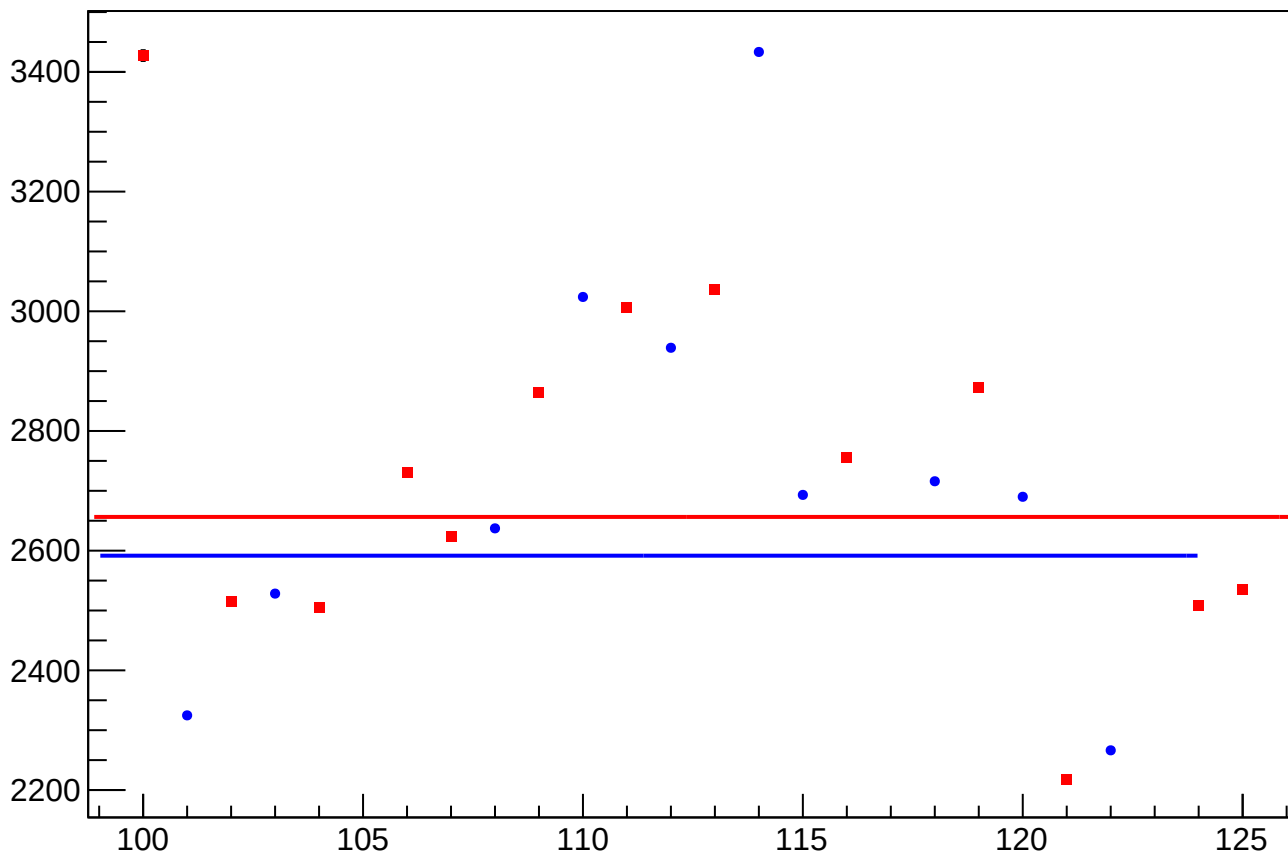
Right: 645.768+/-876.257 χ^2/NDF : 19.7/22

In: -800.806+/-1288.314 χ^2/NDF : 8.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 645.768+/-876.257 χ^2/NDF : 19.7/22

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: 2656.377+/-0.845 χ^2/NDF : 92303.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

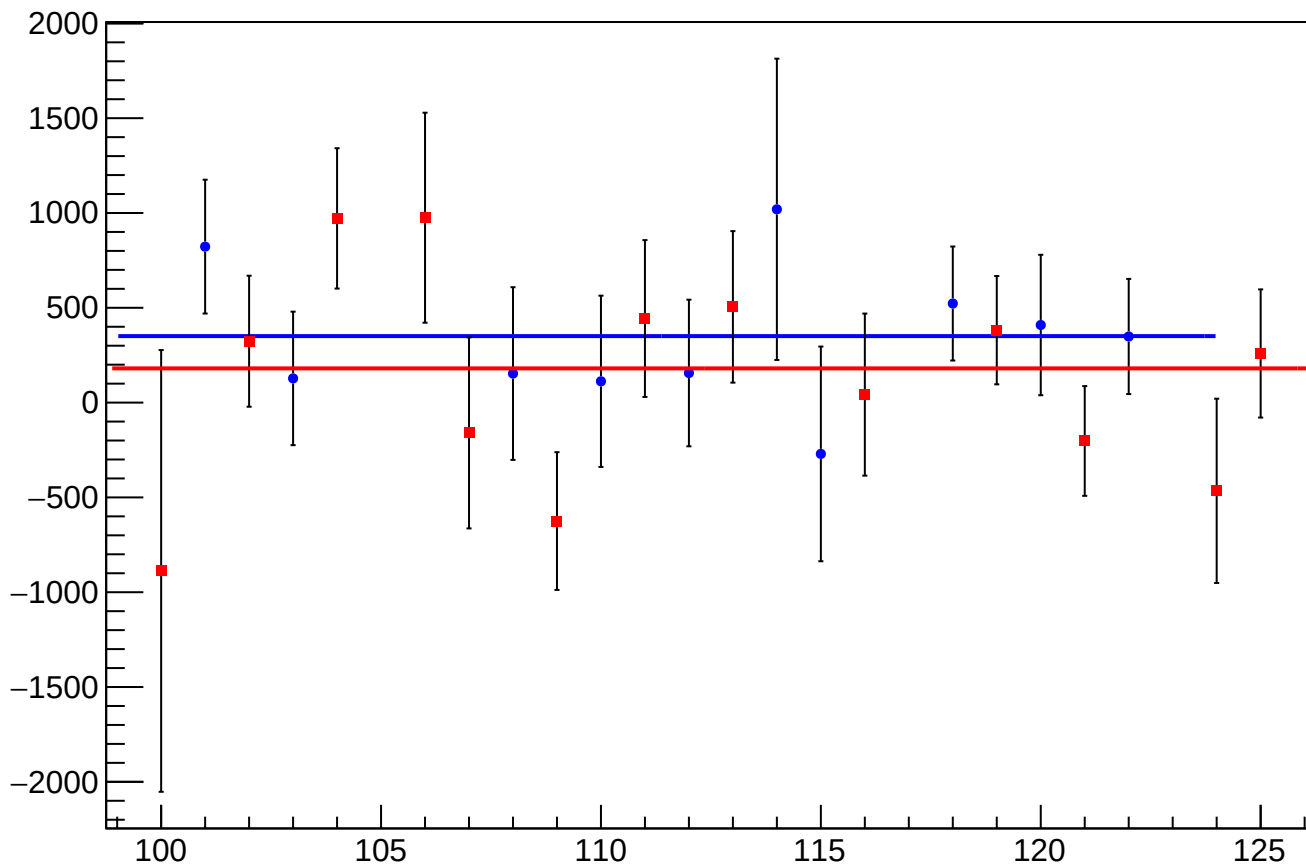
Right: 2626.414+/-0.620 χ^2/NDF : 177027.6/22

In: 2591.609+/-0.911 χ^2/NDF : 82008.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2626.414+/-0.620 χ^2/NDF : 177027.6/22

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 350.618 $\pm$ 122.701 χ^2 /NDF: 5.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 180.441 $\pm$ 107.853 χ^2 /NDF: 18.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

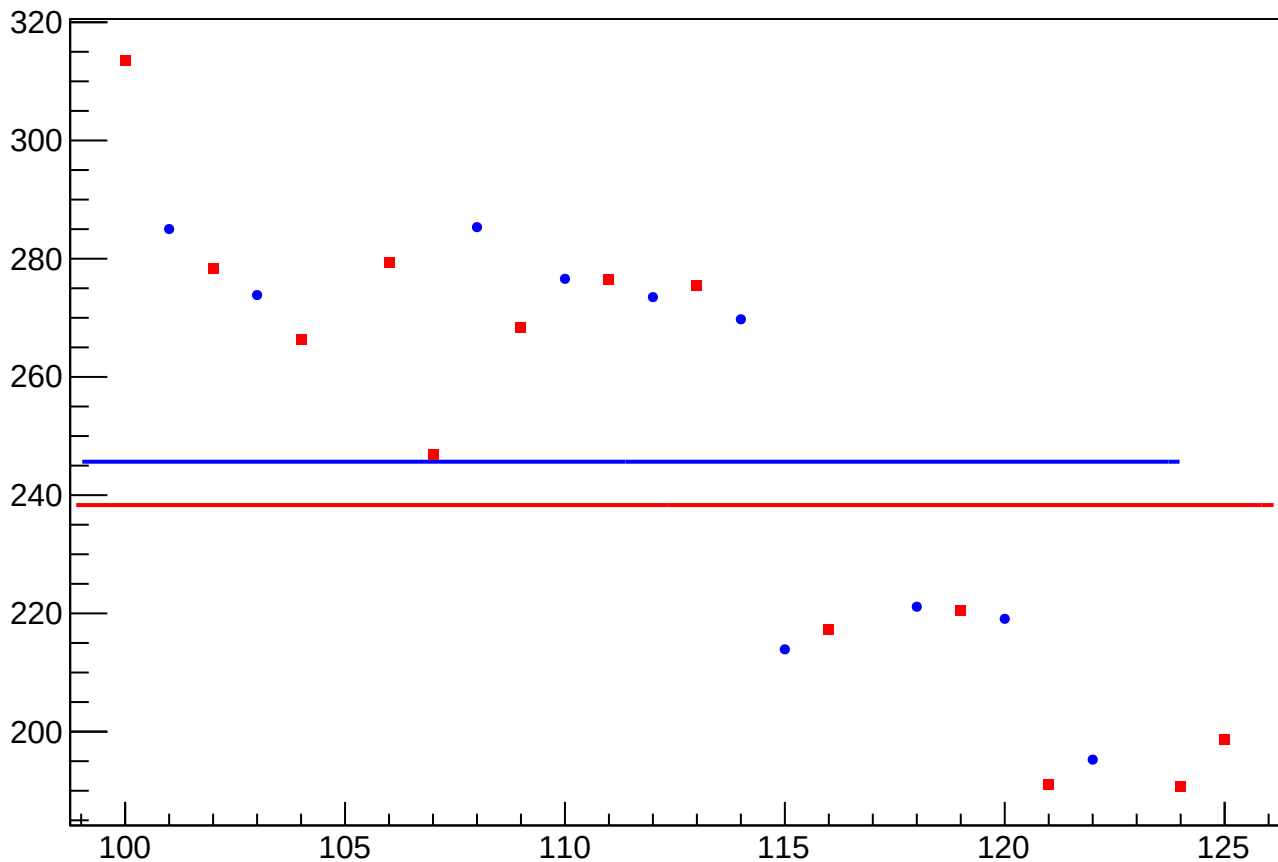
Right: 254.615 $\pm$ 81.007 χ^2 /NDF: 24.5/22

In: 350.618 $\pm$ 122.701 χ^2 /NDF:5.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 254.615 $\pm$ 81.007 χ^2 /NDF: 24.5/22

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: 238.328 $\pm$ 0.076 χ^2 /NDF: 218773.8/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

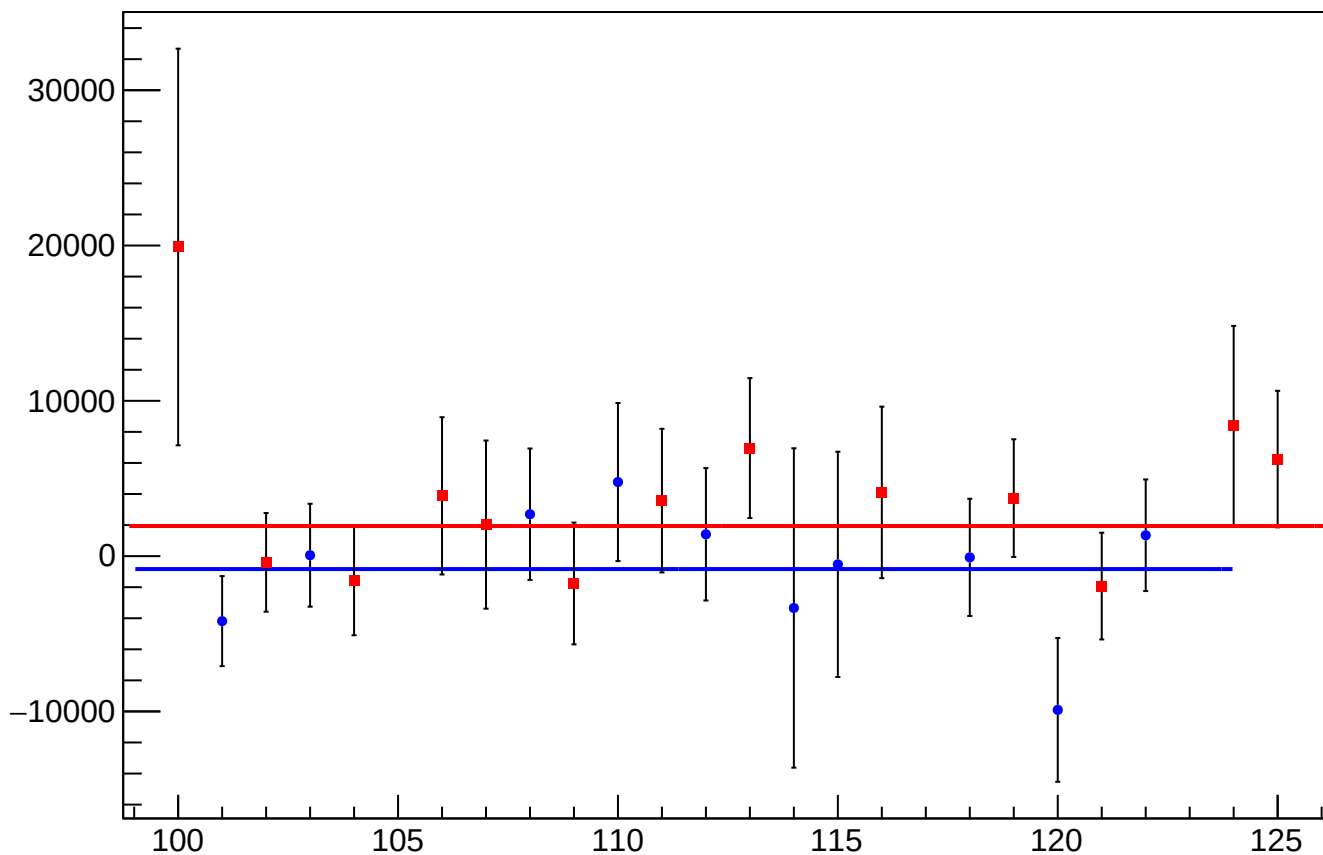
Right: 241.524 $\pm$ 0.057 χ^2 /NDF: 382284.8/22

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: 241.524 $\pm$ 0.057 χ^2 /NDF: 382284.8/22

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: 1938.896+/-1209.365 χ^2/NDF : 9.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

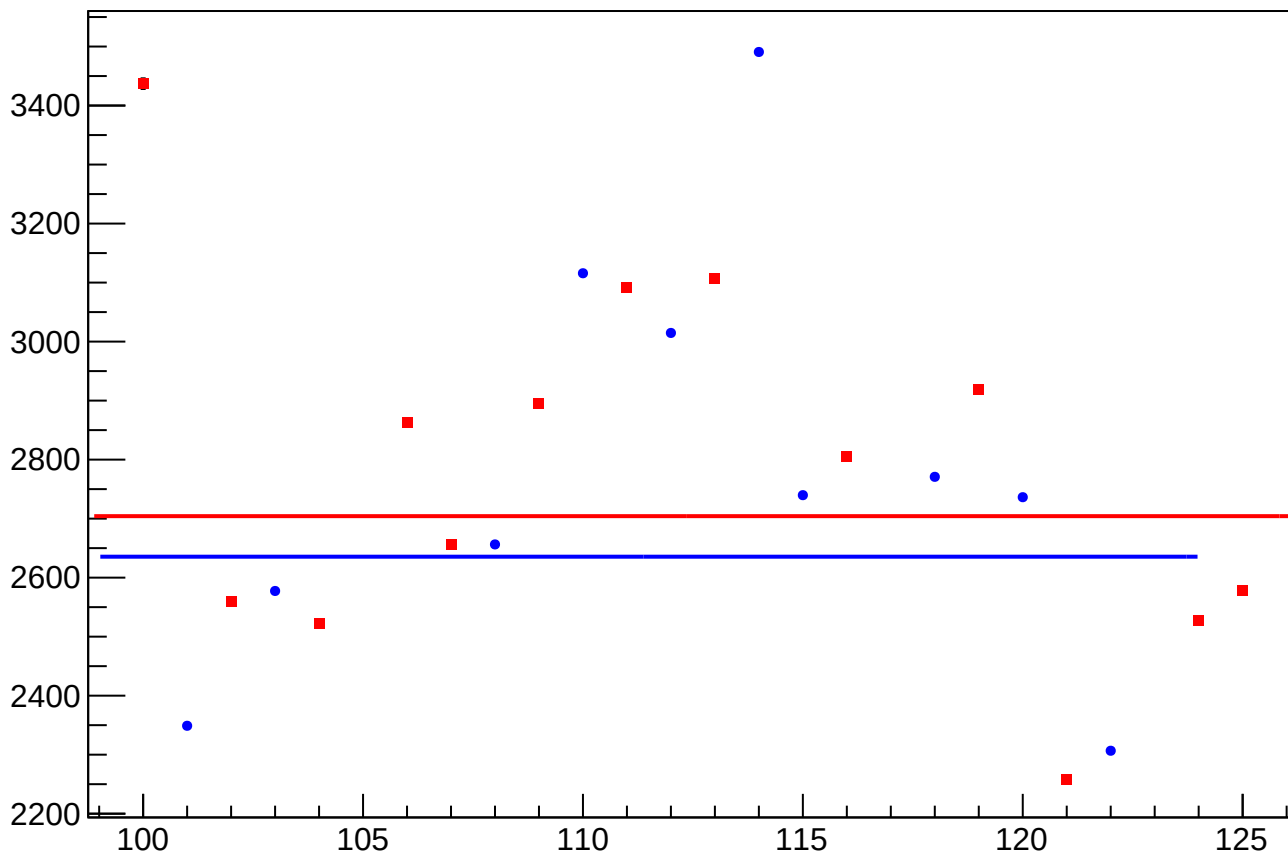
Right: 664.244+/-888.757 χ^2/NDF : 19.9/22

In: -832.522+/-1310.504 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 664.244+/-888.757 χ^2/NDF : 19.9/22

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: 2704.194+/-0.855 χ^2/NDF : 96866.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

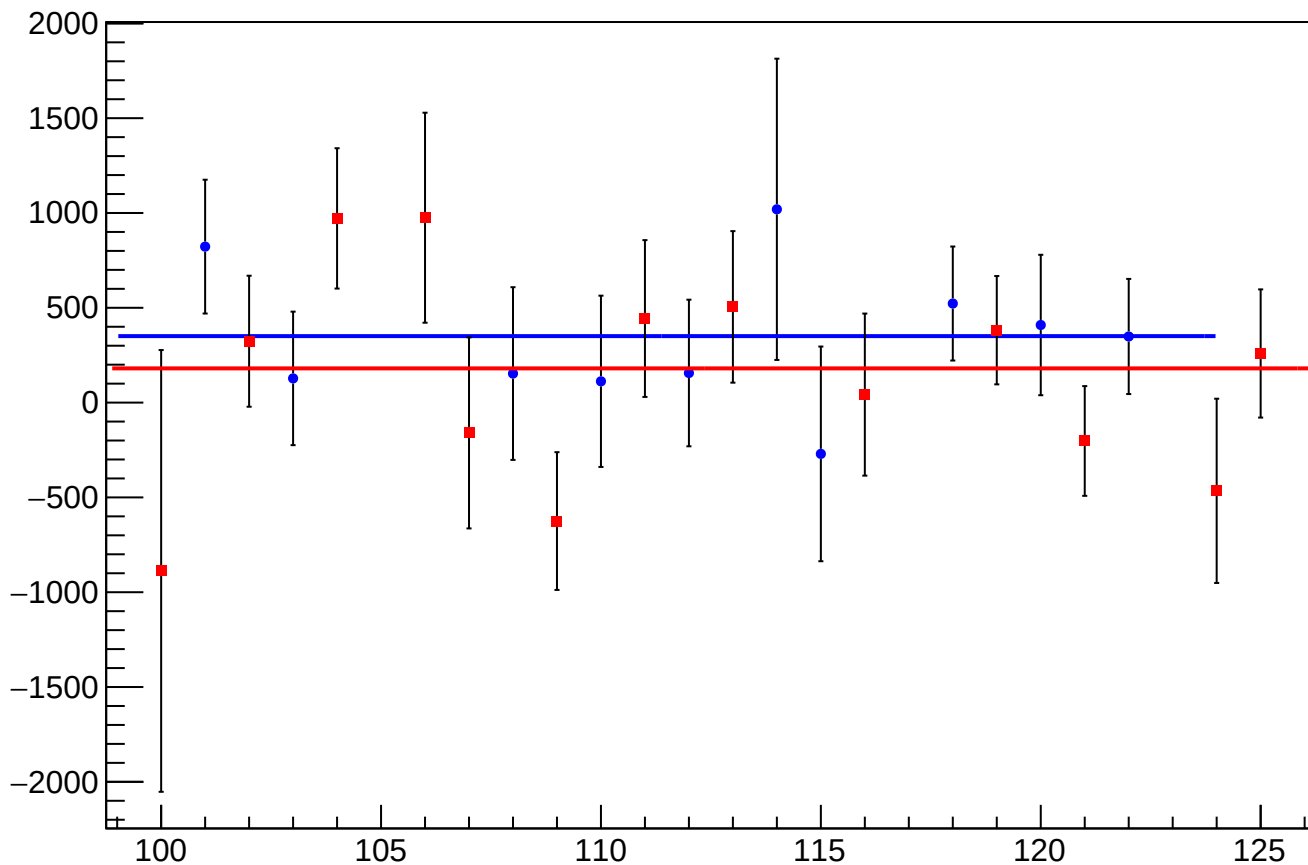
Right: 2672.603+/-0.628 χ^2/NDF : 188181.6/22

In: 2635.507+/-0.927 χ^2/NDF : 88347.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2672.603+/-0.628 χ^2/NDF : 188181.6/22

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: 180.435 $\pm$ 107.853 χ^2 /NDF: 18.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

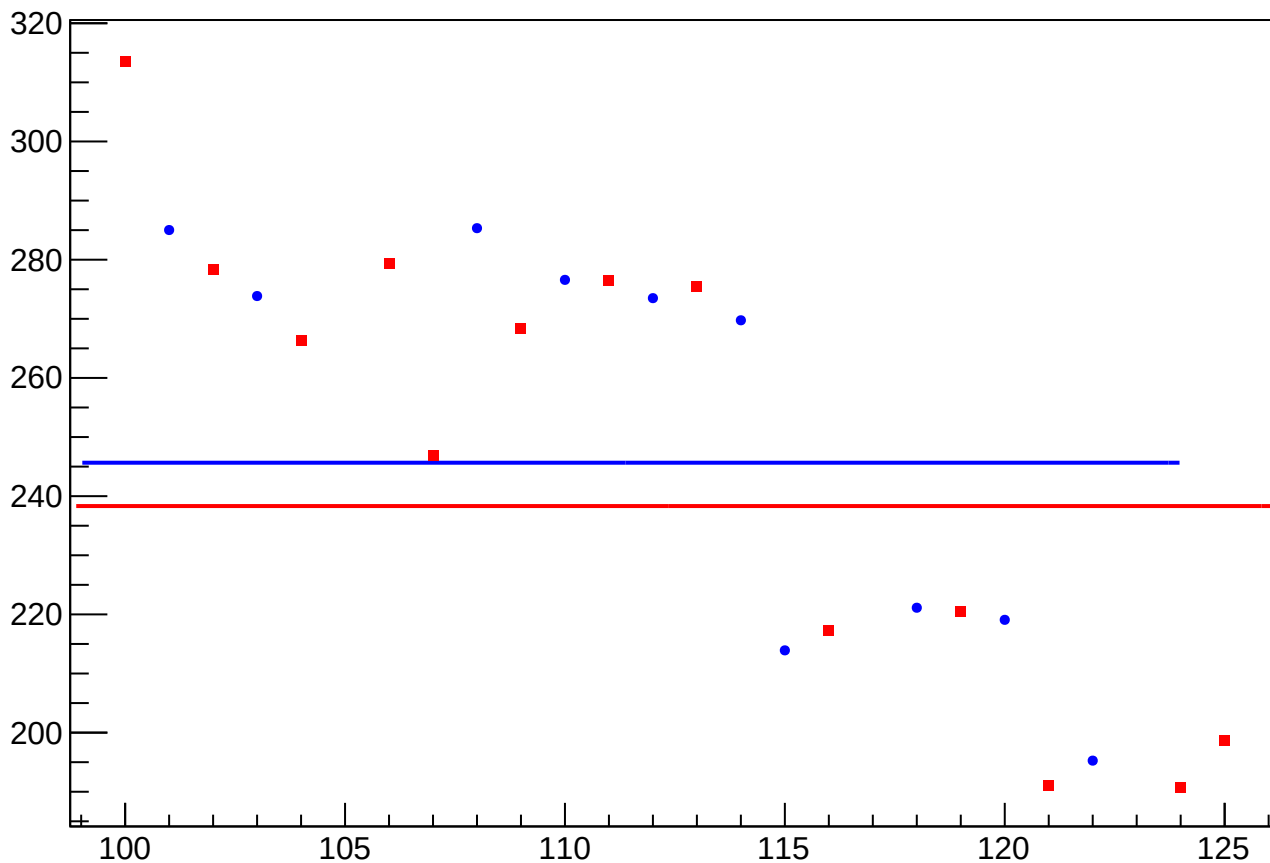
Right: 254.612 $\pm$ 81.007 χ^2 /NDF: 24.5/22

In: 350.618 $\pm$ 122.700 χ^2 /NDF:5.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 254.612 $\pm$ 81.007 χ^2 /NDF: 24.5/22

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: 238.327+/-0.076 χ^2/NDF : 218766.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

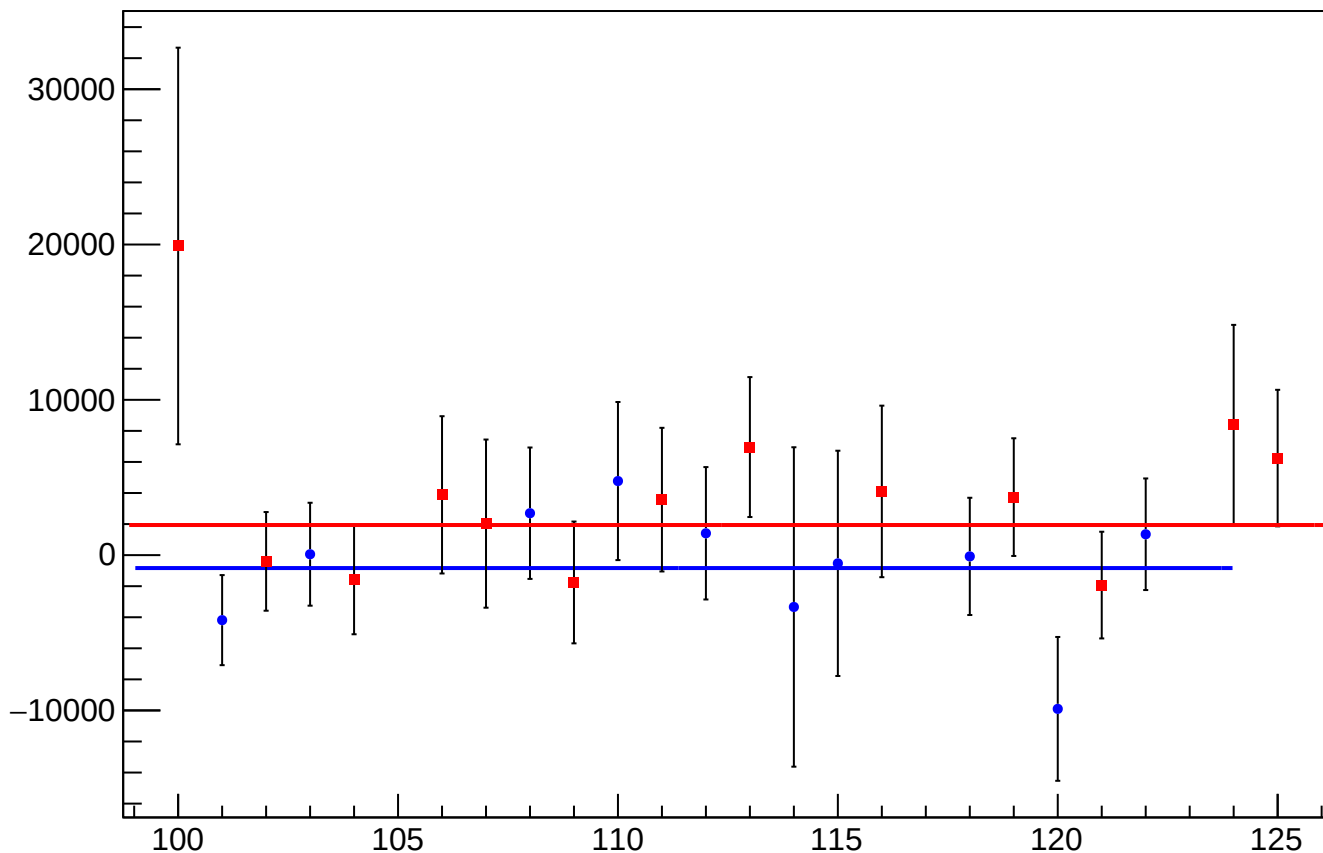
Right: 241.523+/-0.057 χ^2/NDF : 382272.9/22

In: 245.659+/-0.087 χ^2/NDF :159477.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 241.523+/-0.057 χ^2/NDF : 382272.9/22

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: 1938.891+/-1209.362 χ^2/NDF : 9.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

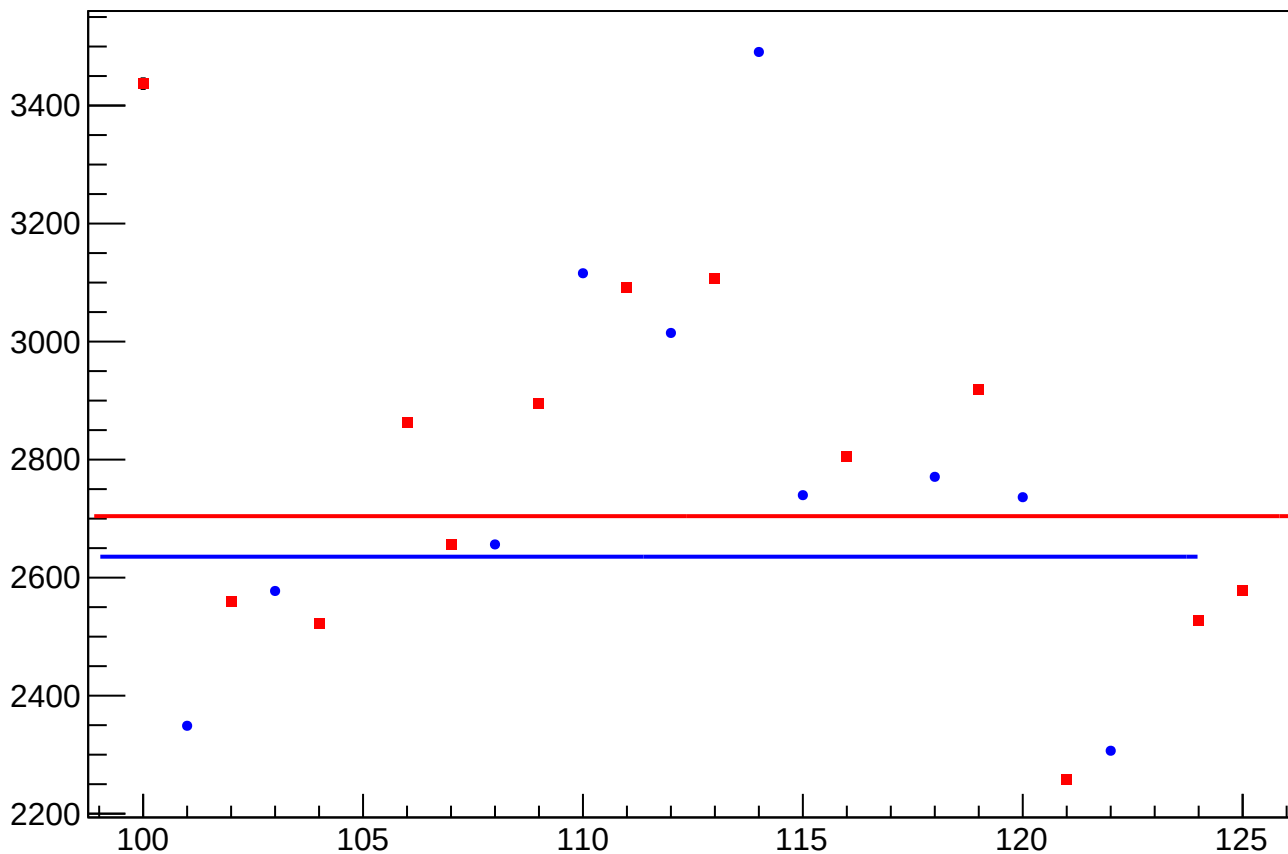
Right: 664.241+/-888.755 χ^2/NDF : 19.9/22

In: -832.521+/-1310.501 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 664.241+/-888.755 χ^2/NDF : 19.9/22

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: 2704.189+/-0.855 χ^2/NDF : 96865.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

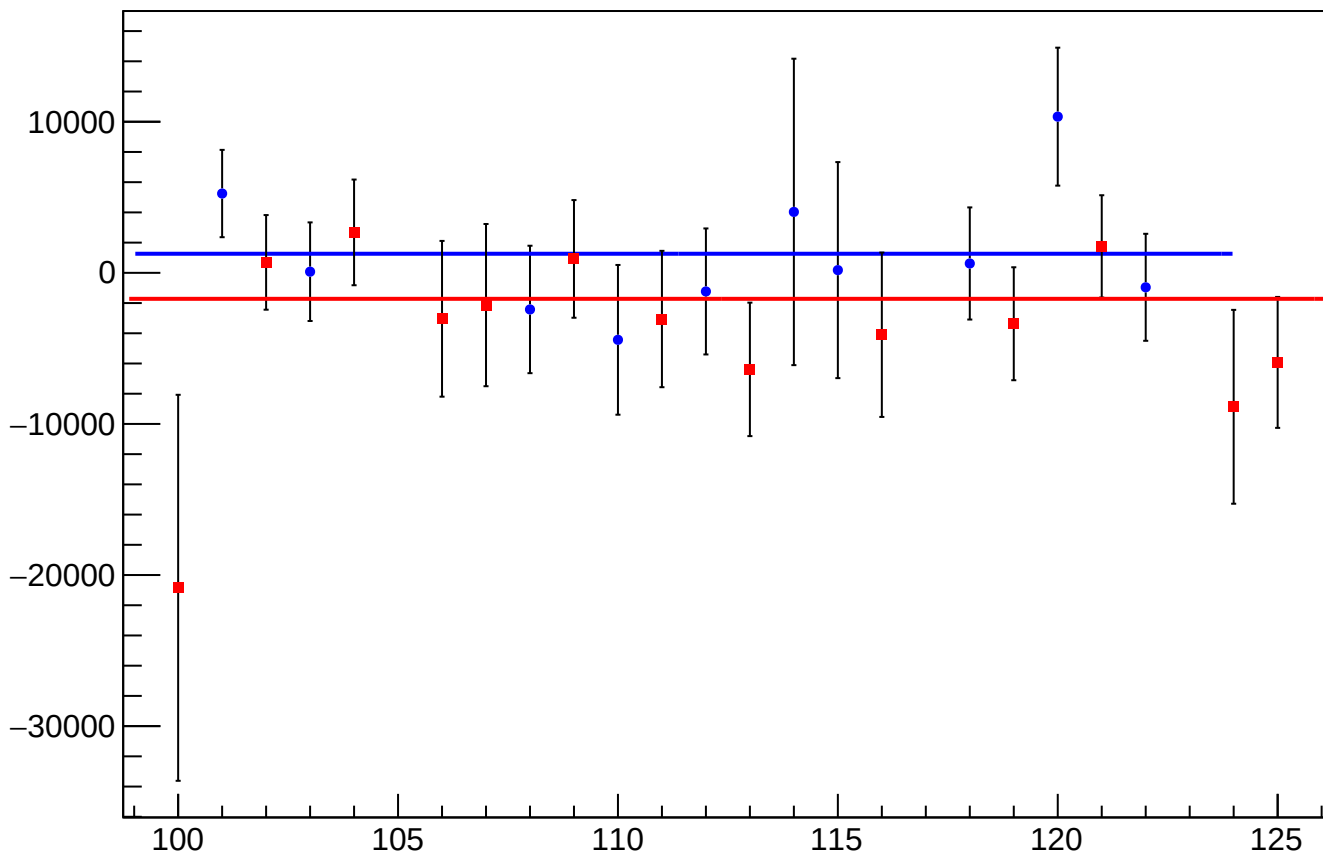
Right: 2672.597+/-0.628 χ^2/NDF : 188177.9/22

In: 2635.501+/-0.927 χ^2/NDF : 88345.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2672.597+/-0.628 χ^2/NDF : 188177.9/22

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: -1719.803+/-1196.309 χ^2/NDF : 9.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

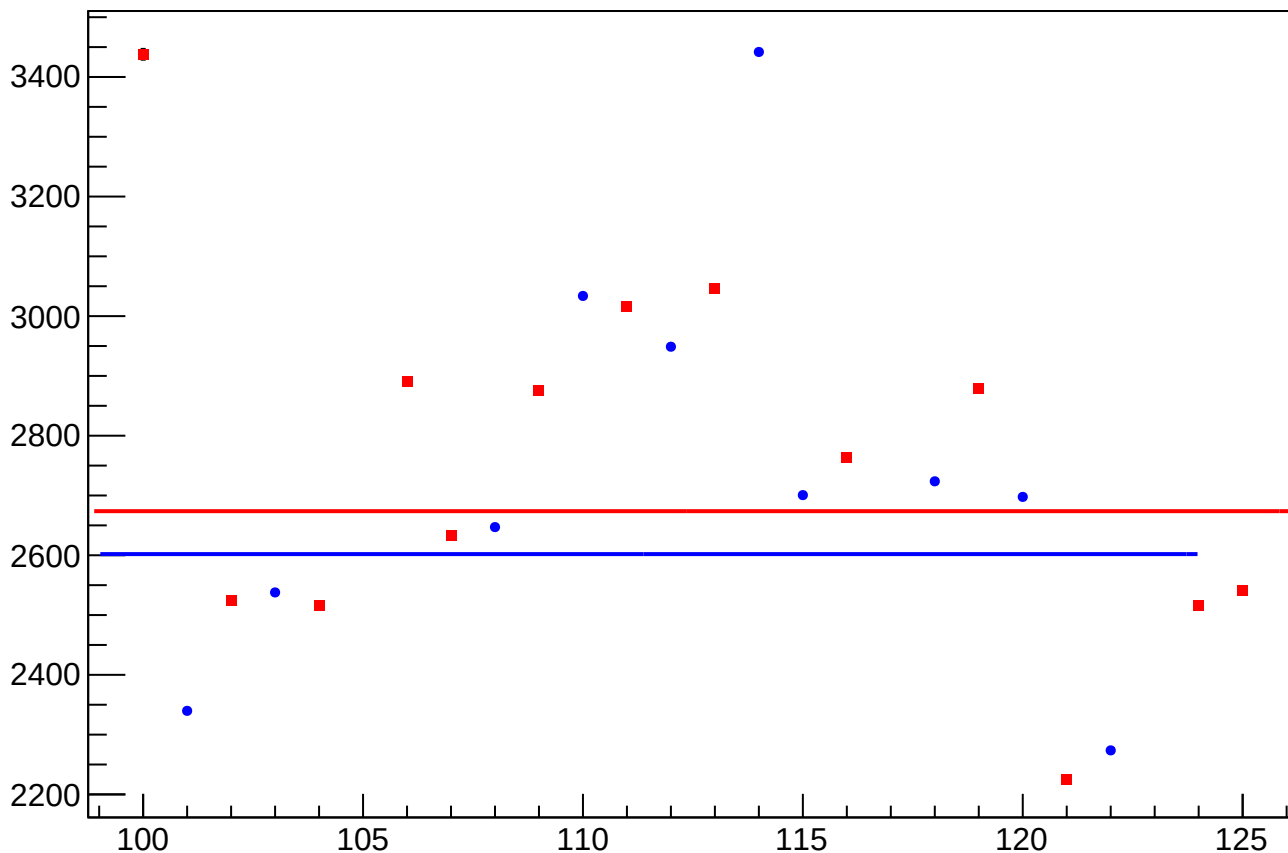
Right: -344.303+/-878.220 χ^2/NDF : 21.6/22

In: 1263.376+/-1293.341 χ^2/NDF : 8.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -344.303+/-878.220 χ^2/NDF : 21.6/22

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: 2673.772+/-0.846 χ^2/NDF : 95351.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

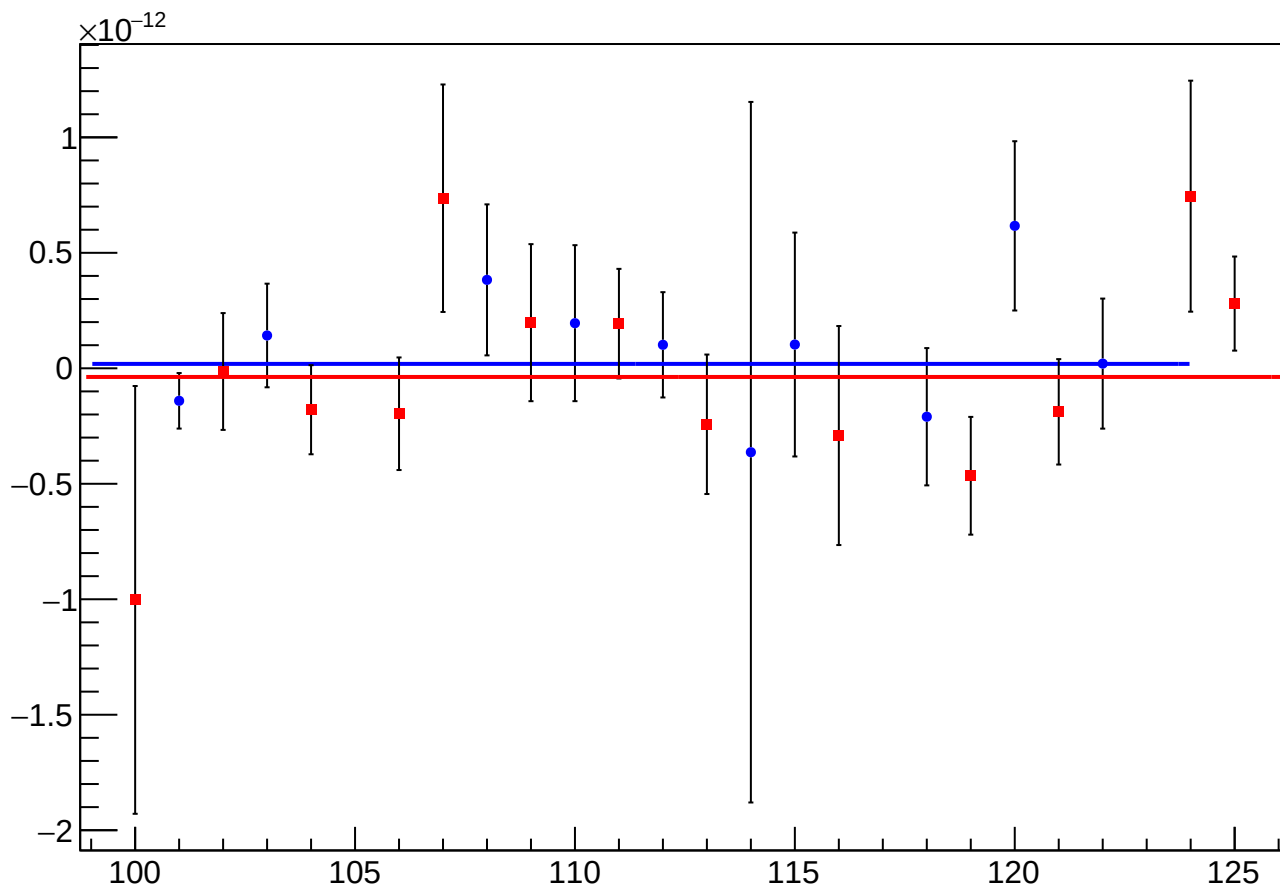
Right: 2640.656+/-0.621 χ^2/NDF : 179500.1/22

In: 2601.950+/-0.915 χ^2/NDF : 80824.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2640.656+/-0.621 χ^2/NDF : 179500.1/22

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 : 14.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

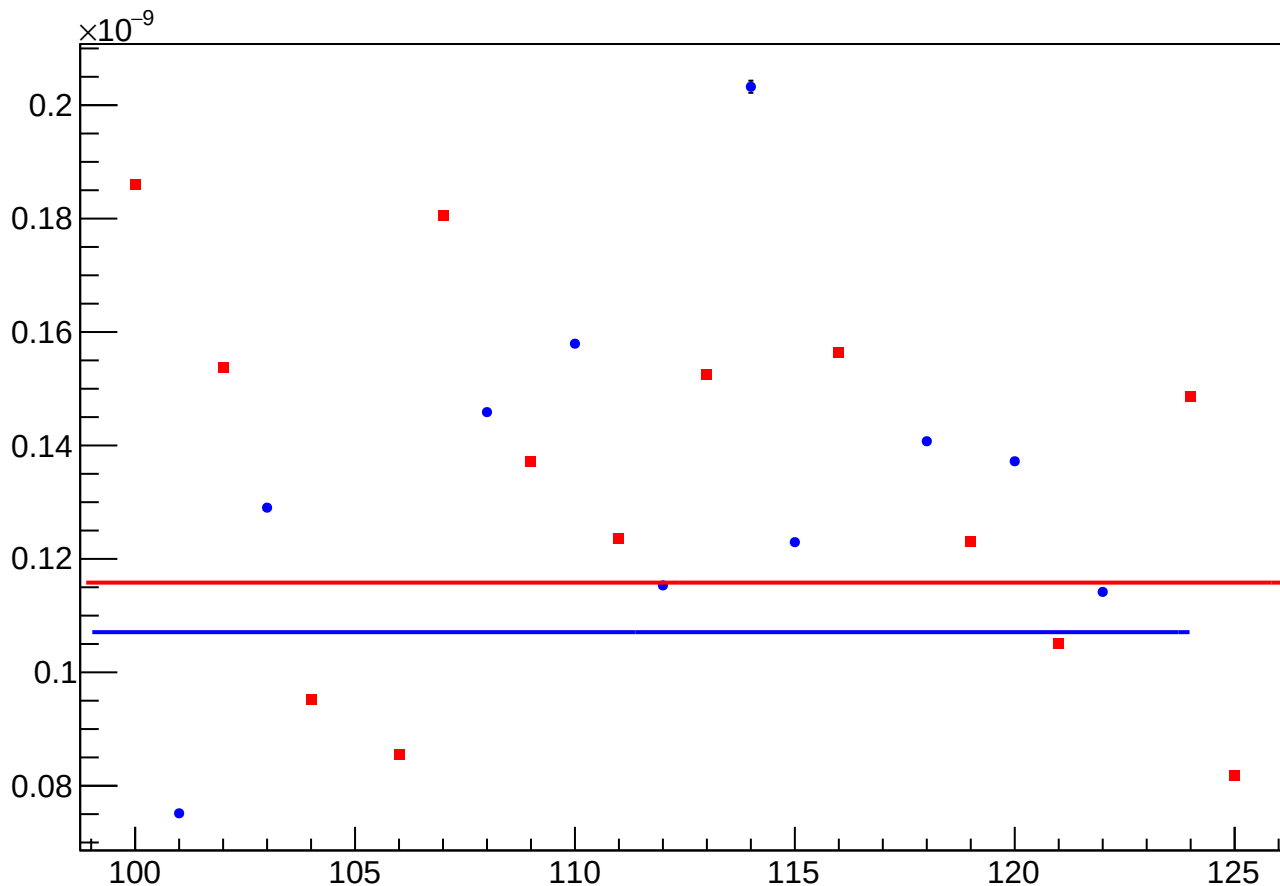
Right: -0.000+/-0.000 χ^2/NDF : 22.2/22

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 : 22.2/22

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 : 269152.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

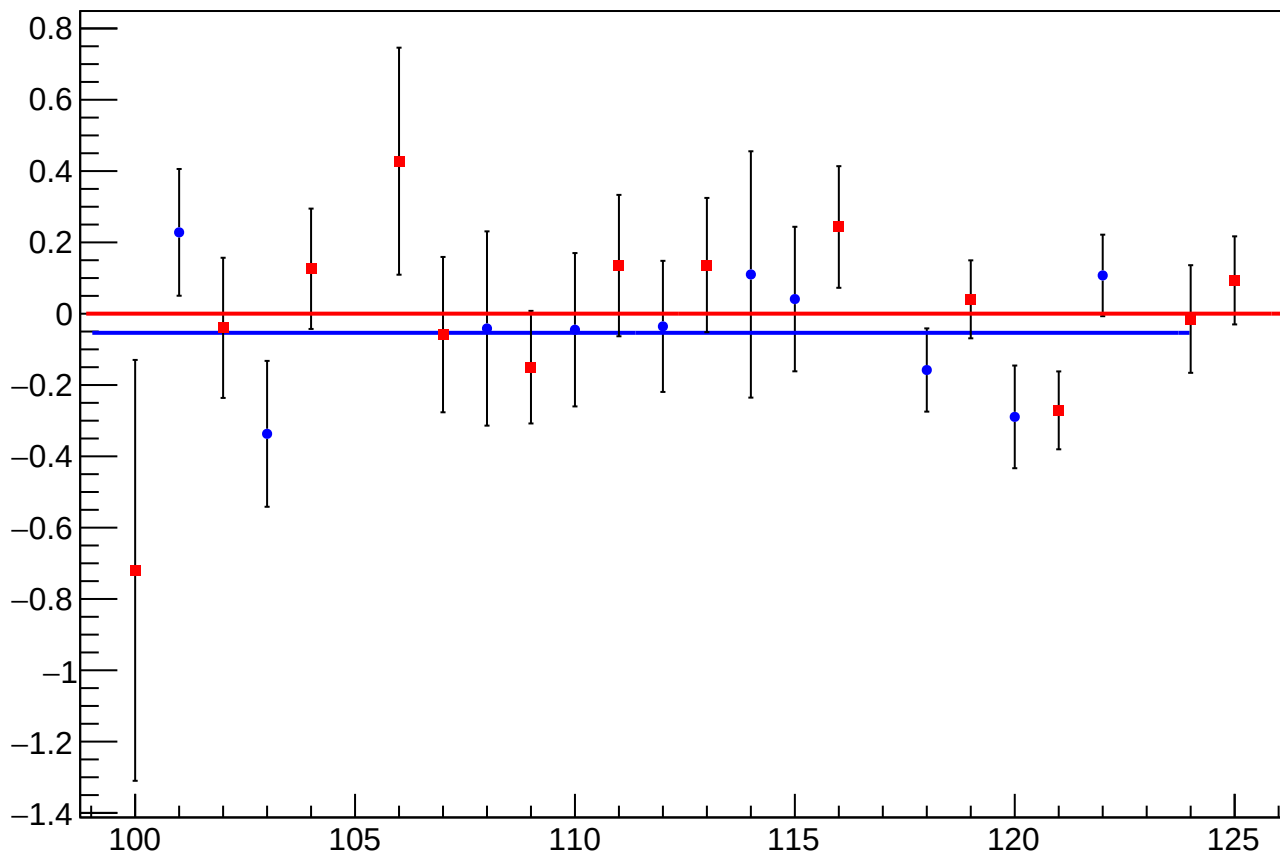
Right: 0.000+/-0.000 χ^2/NDF : 568786.4/22

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 : 568786.4/22

asym_sam_26_dd_dit_vs_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: 0.000 $\pm$ 0.045 χ^2 /NDF: 14.8/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

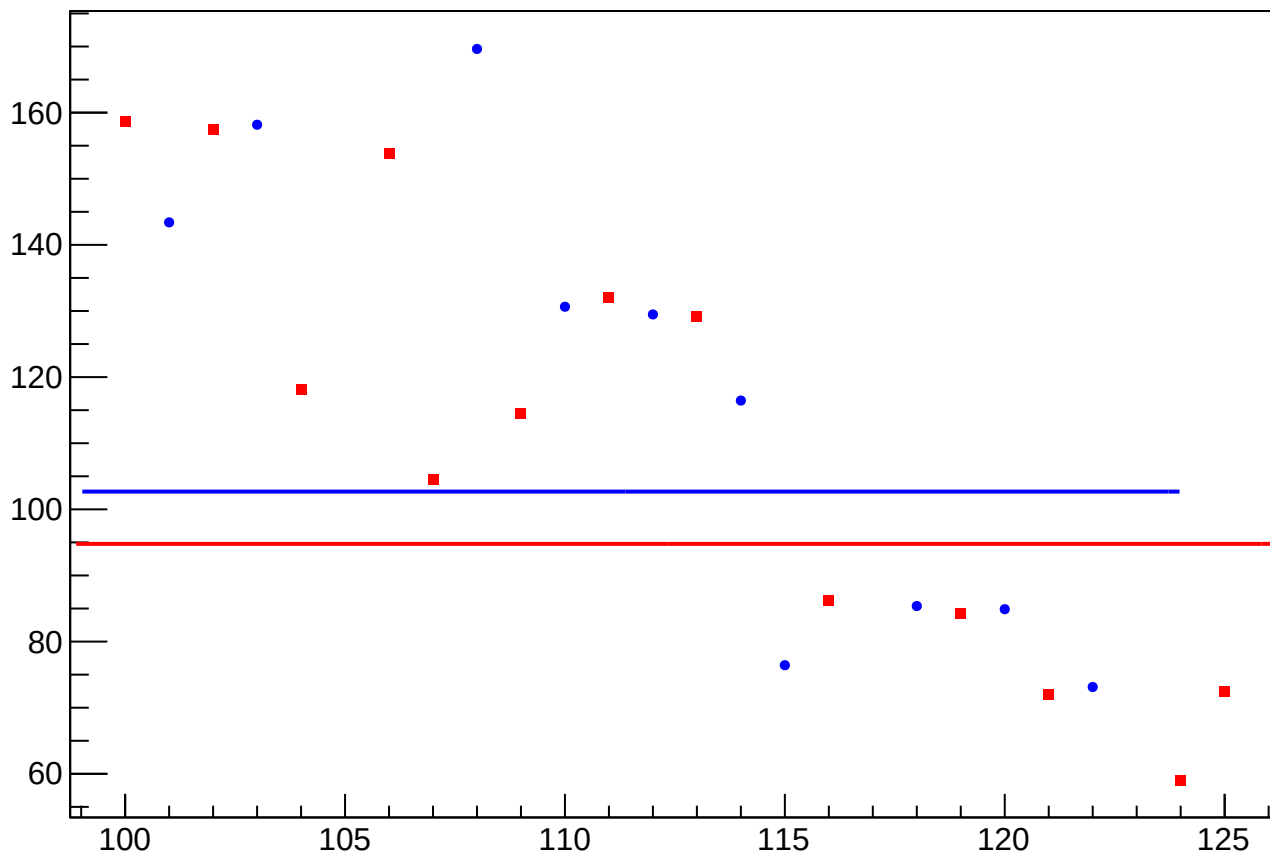
Right: -0.022 $\pm$ 0.034 χ^2 /NDF: 25.7/22

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: -0.022 $\pm$ 0.034 χ^2 /NDF: 25.7/22

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: 94.779+/-0.032 χ^2/NDF : 794591.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

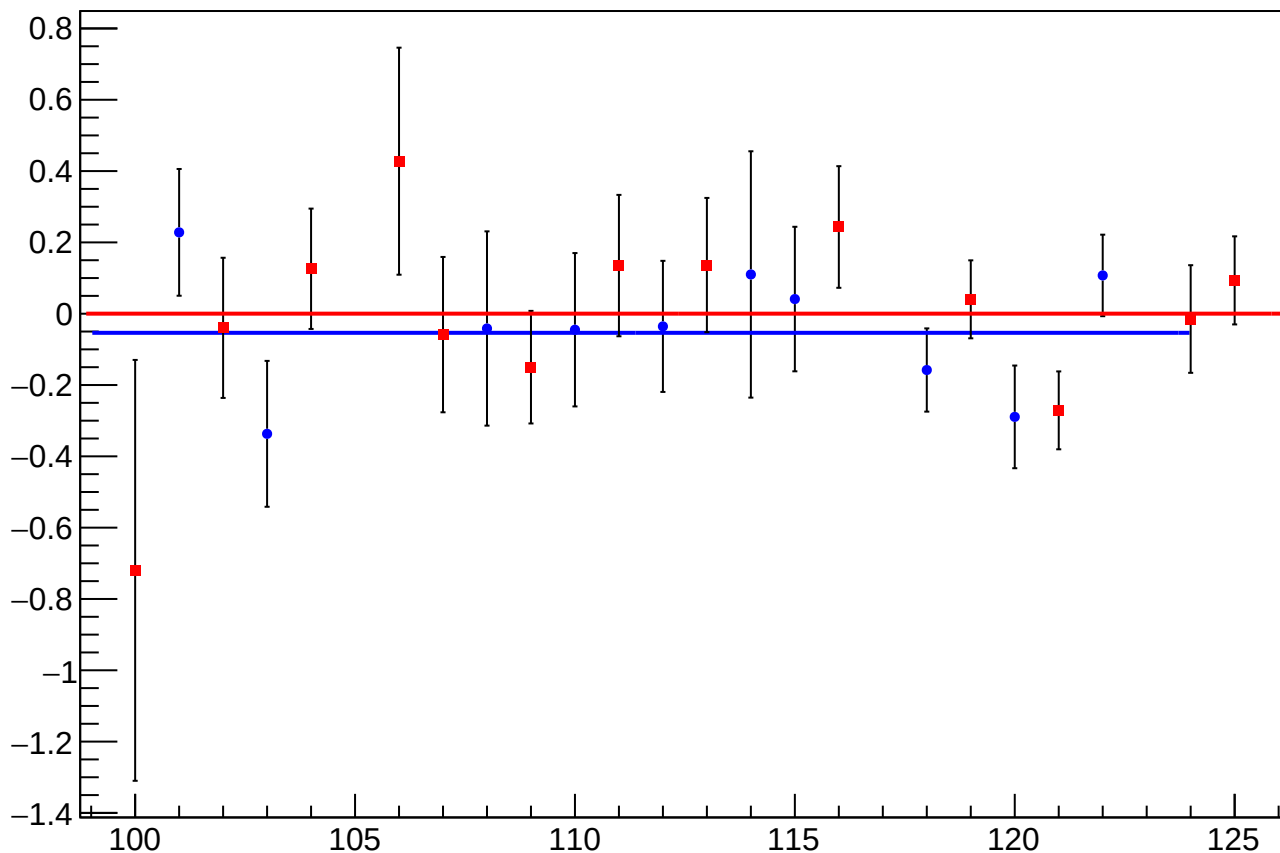
Right: 98.042+/-0.024 χ^2/NDF : 1514516.7/22

In: 102.686+/-0.038 χ^2/NDF : 694133.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.042+/-0.024 χ^2/NDF : 1514516.7/22

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: 0.000+/-0.045 χ^2/NDF : 14.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

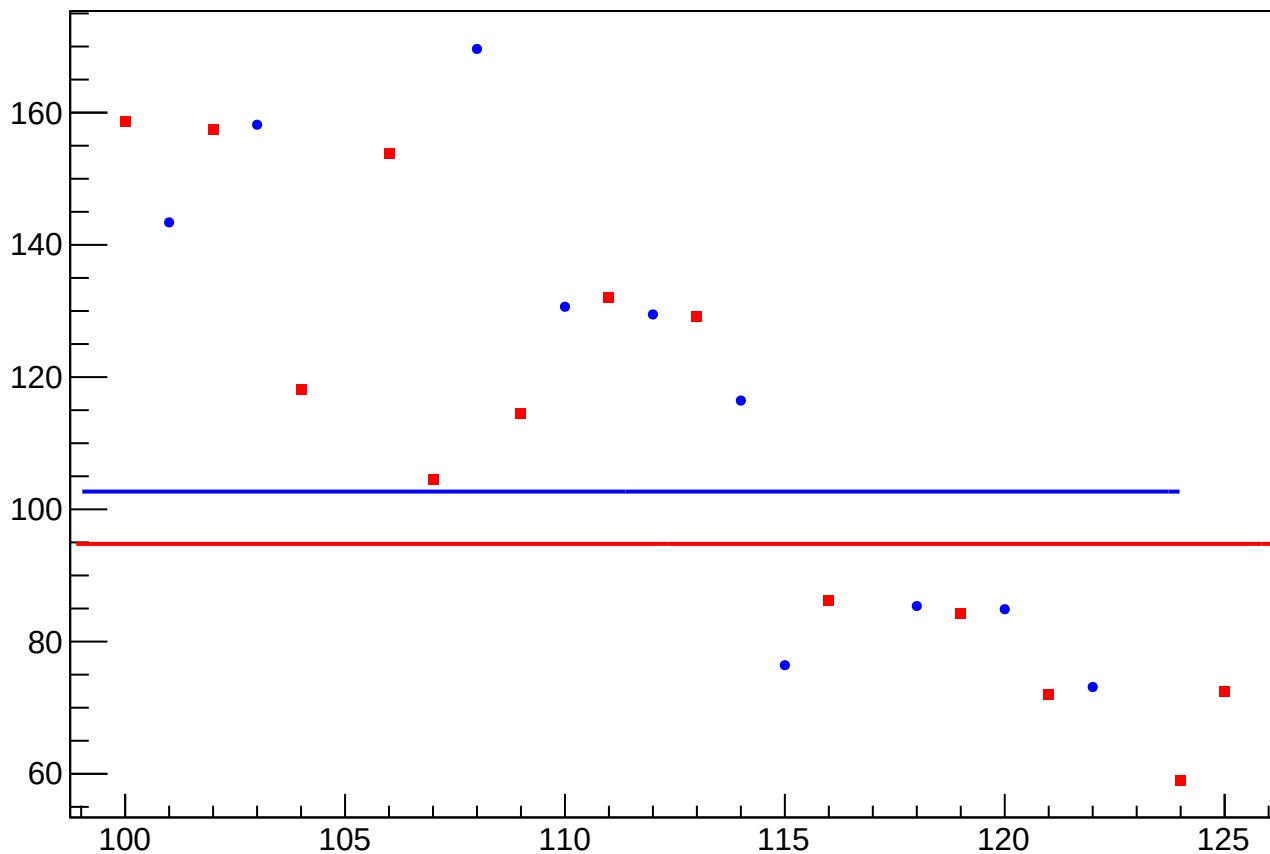
Right: -0.022+/-0.034 χ^2/NDF : 25.7/22

In: -0.054+/-0.053 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.022+/-0.034 χ^2/NDF : 25.7/22

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: 94.779+/-0.032 χ^2/NDF : 794591.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

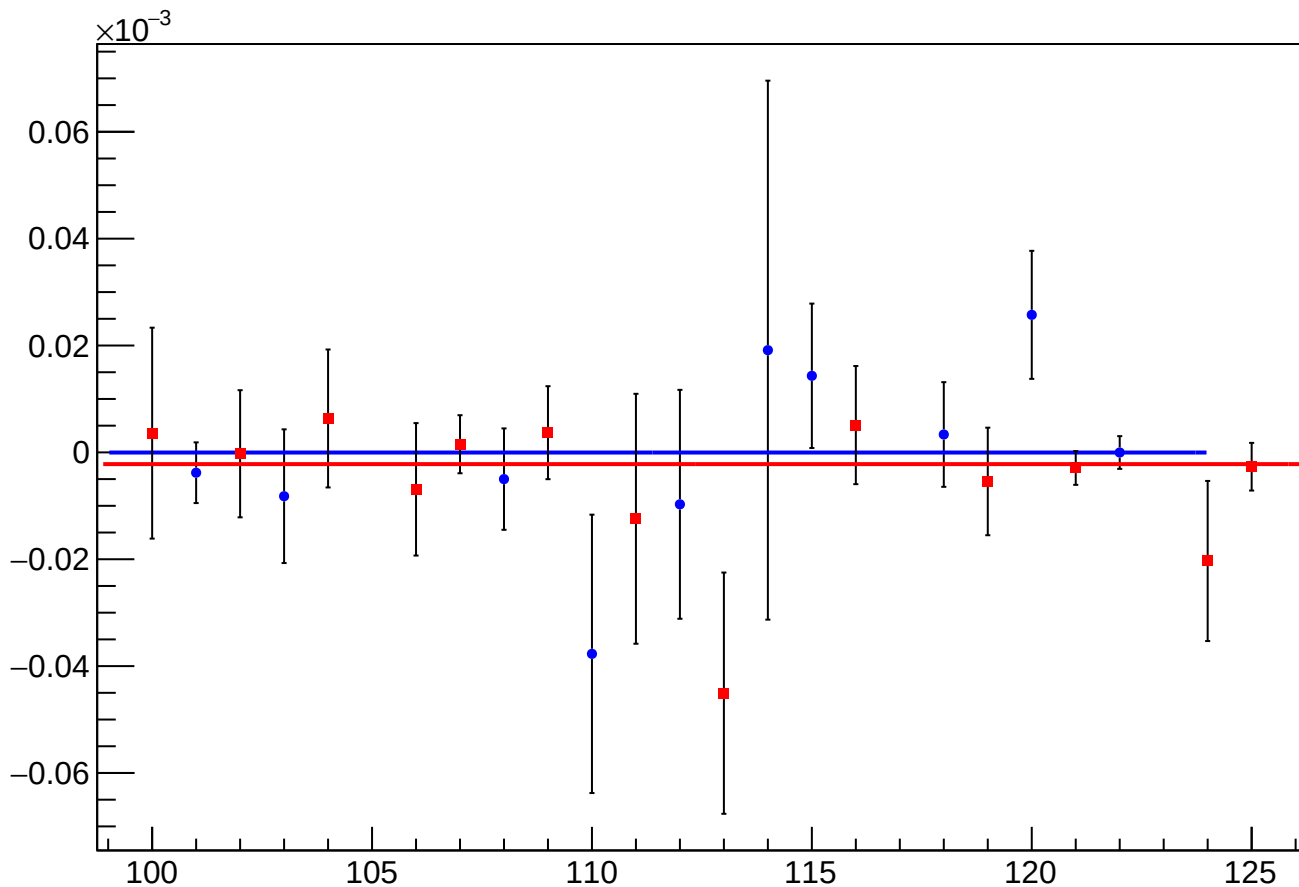
Right: 98.042+/-0.024 χ^2/NDF : 1514516.7/22

In: 102.686+/-0.038 χ^2/NDF : 694133.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.042+/-0.024 χ^2/NDF : 1514516.7/22

asym_sam_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 9.5/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 7.5/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

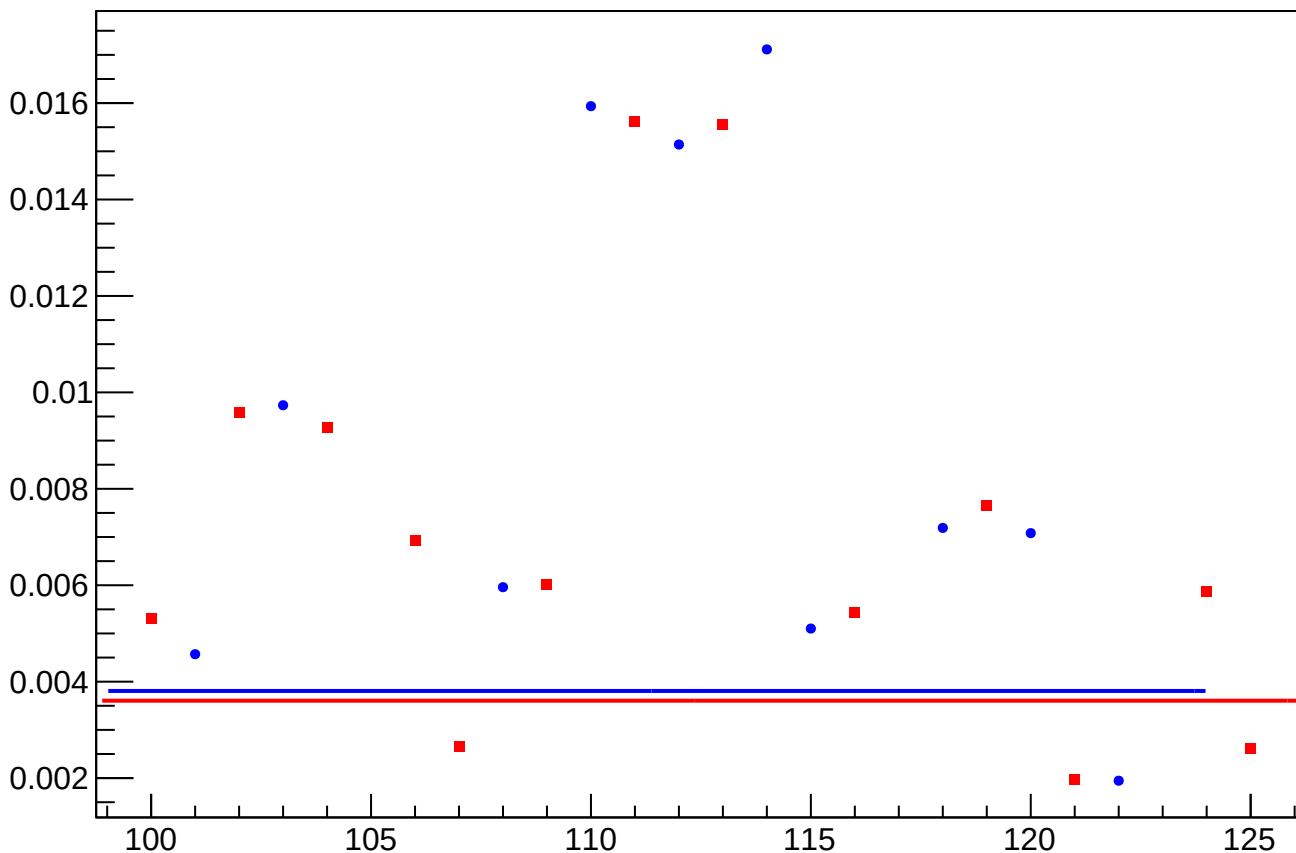
Right: -0.000 ± 0.000 χ^2/NDF : 17.4/22

In: -0.000 ± 0.000 χ^2/NDF : 9.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 17.4/22

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 : 3405598.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

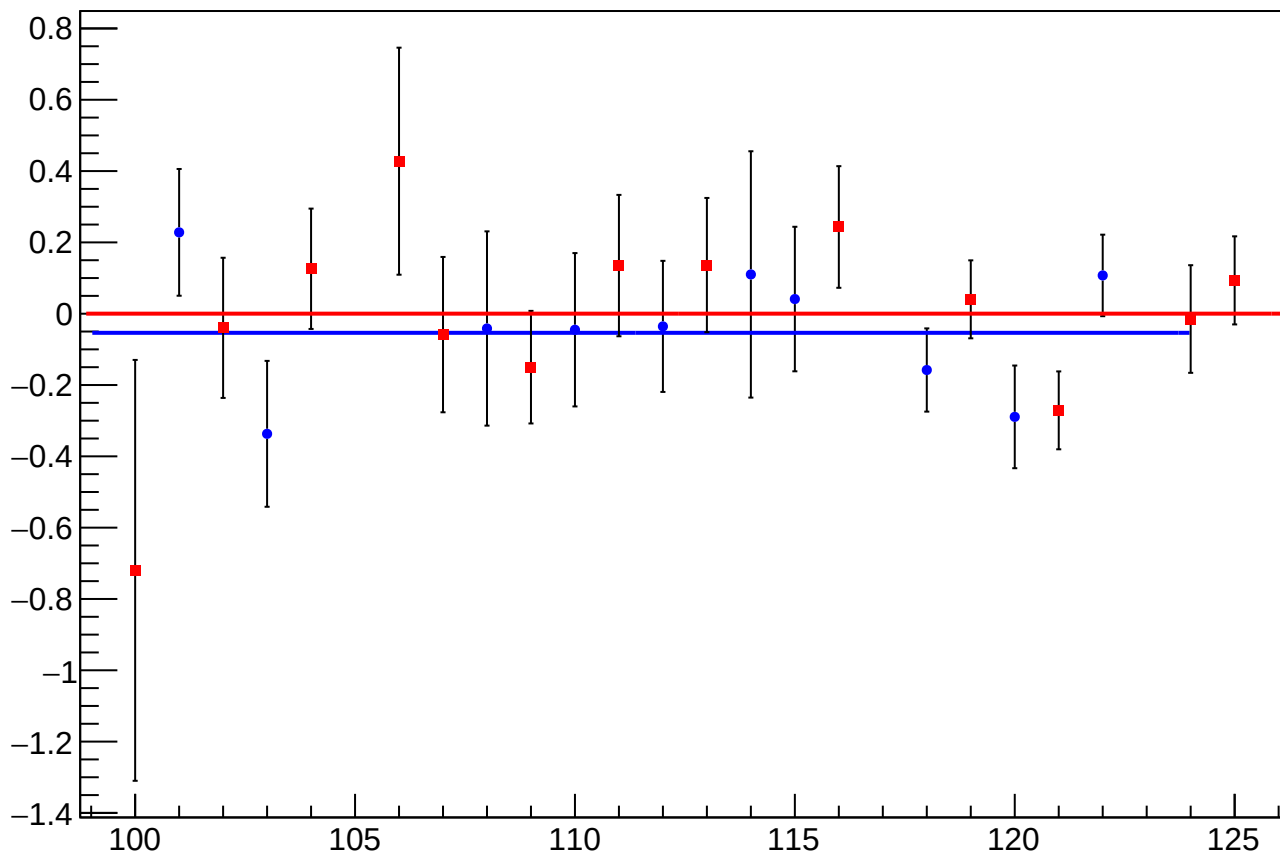
Right: 0.004+/-0.000 χ^2/NDF : 6278778.7/22

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 : 6278778.7/22

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: 0.000+/-0.045 χ^2/NDF : 14.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

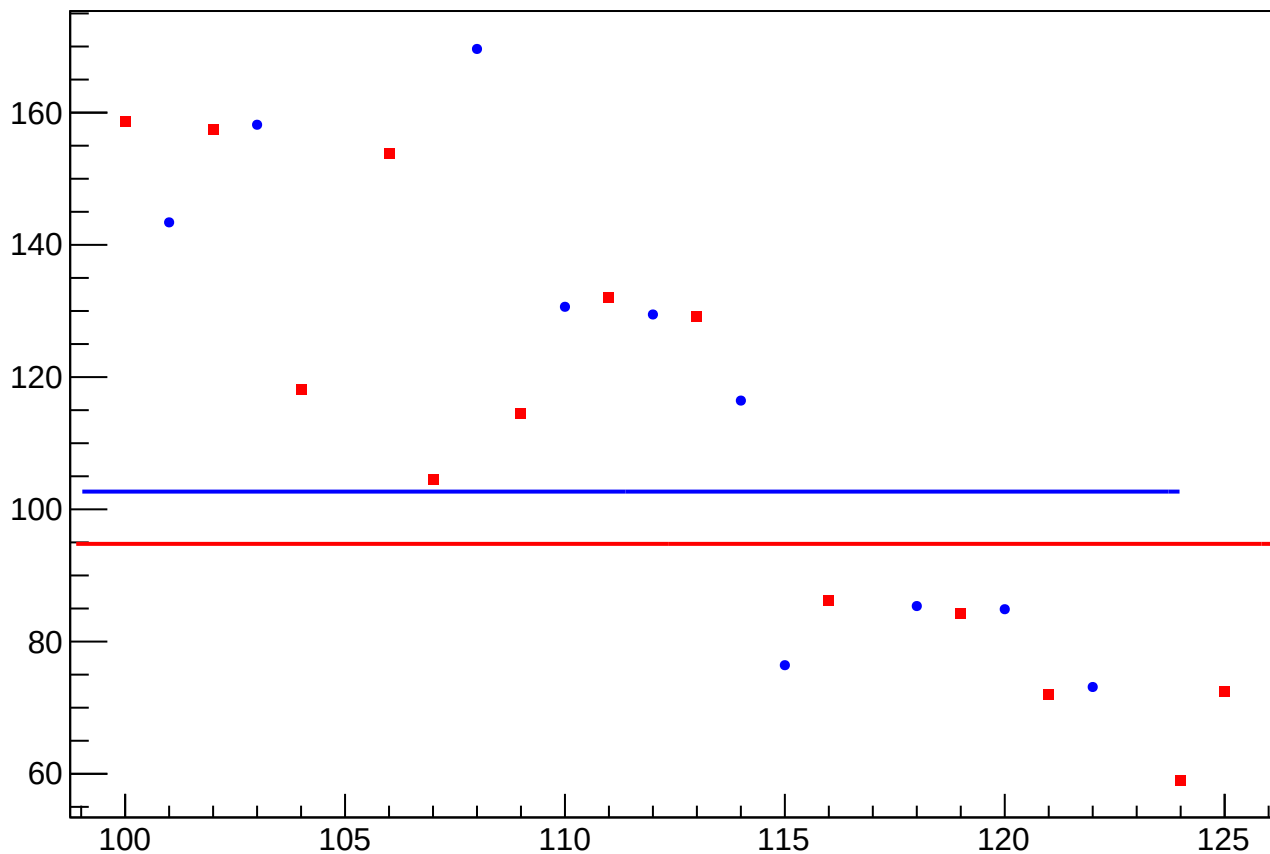
Right: -0.022+/-0.034 χ^2/NDF : 25.7/22

In: -0.054+/-0.053 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.022+/-0.034 χ^2/NDF : 25.7/22

asym_sam_26_dd_eigen_dit_vs_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: 94.777 $\pm$ 0.032 χ^2 /NDF: 794560.8/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

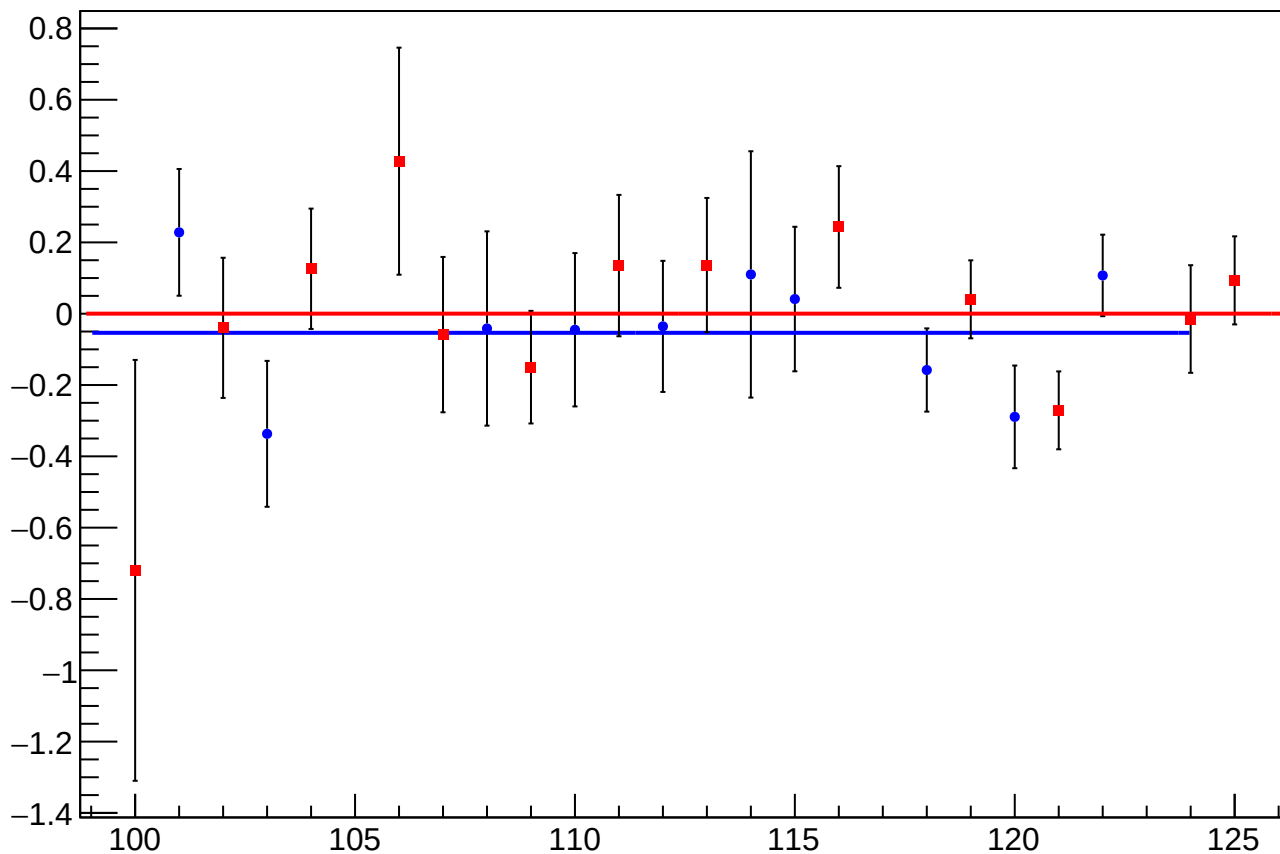
Right: 98.040 $\pm$ 0.024 χ^2 /NDF: 1514466.0/22

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: 98.040 $\pm$ 0.024 χ^2 /NDF: 1514466.0/22

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: 0.000 $\pm$ 0.045 χ^2 /NDF: 14.8/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

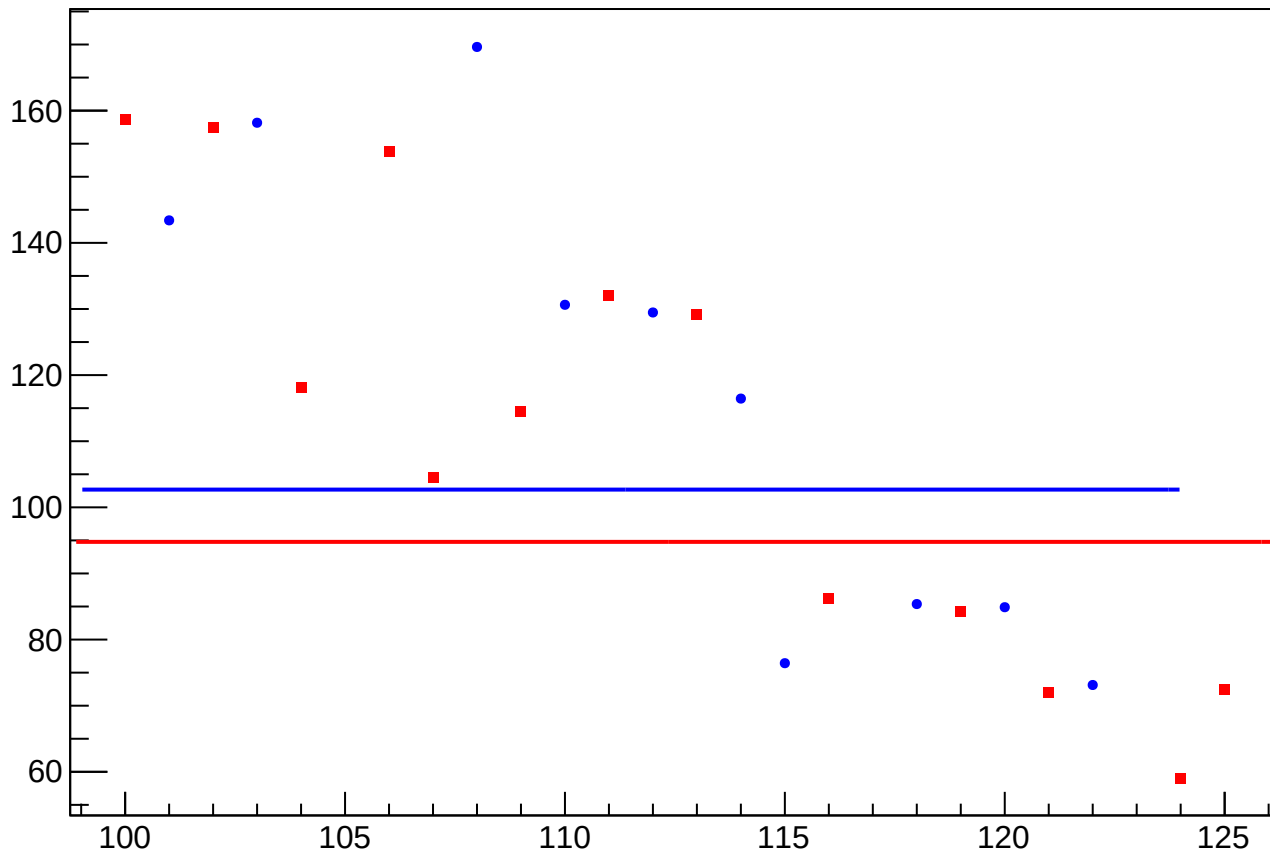
Right: -0.022 $\pm$ 0.034 χ^2 /NDF: 25.7/22

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: -0.022 $\pm$ 0.034 χ^2 /NDF: 25.7/22

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: 94.777 $\pm$ 0.032 χ^2 /NDF: 794560.8/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

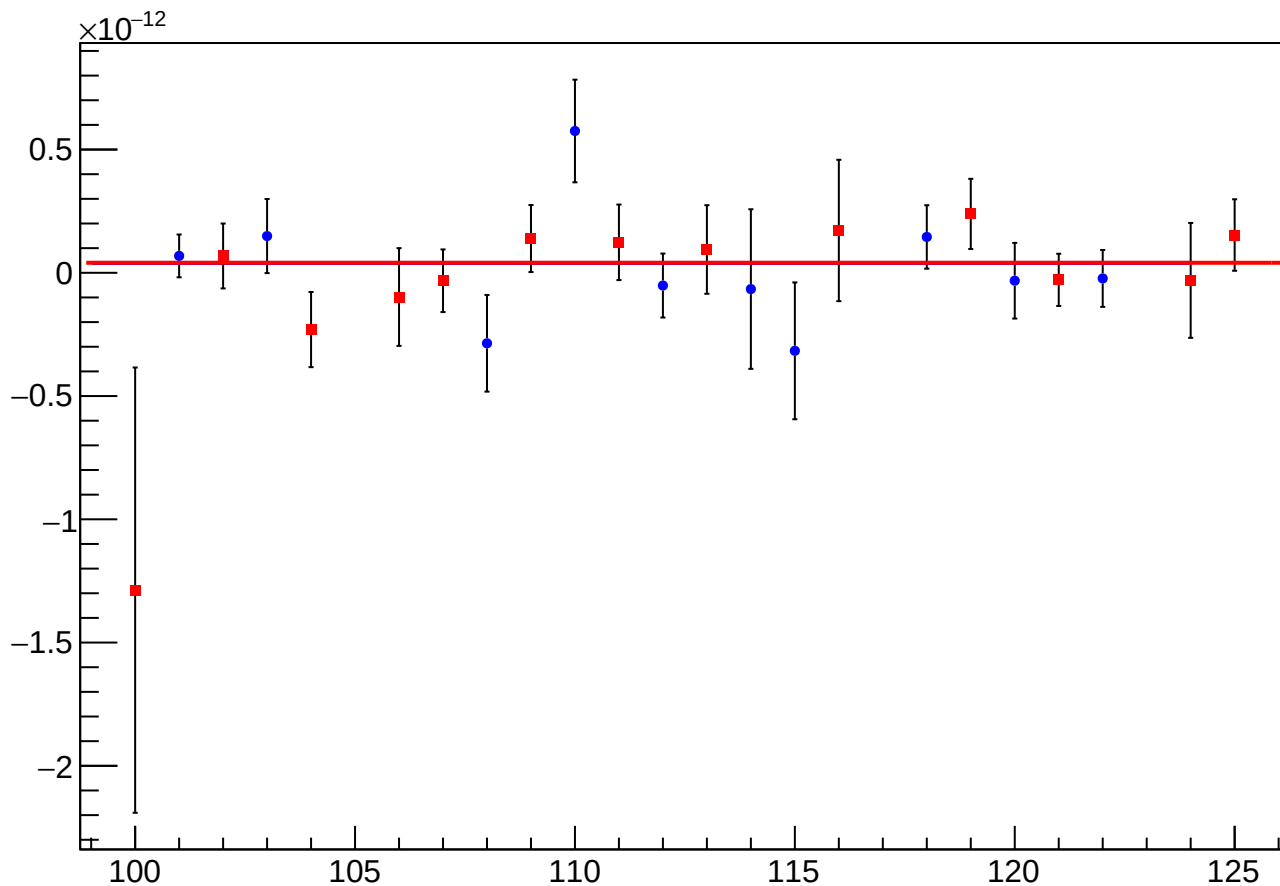
Right: 98.040 $\pm$ 0.024 χ^2 /NDF: 1514466.0/22

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: 98.040 $\pm$ 0.024 χ^2 /NDF: 1514466.0/22

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 : 10.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

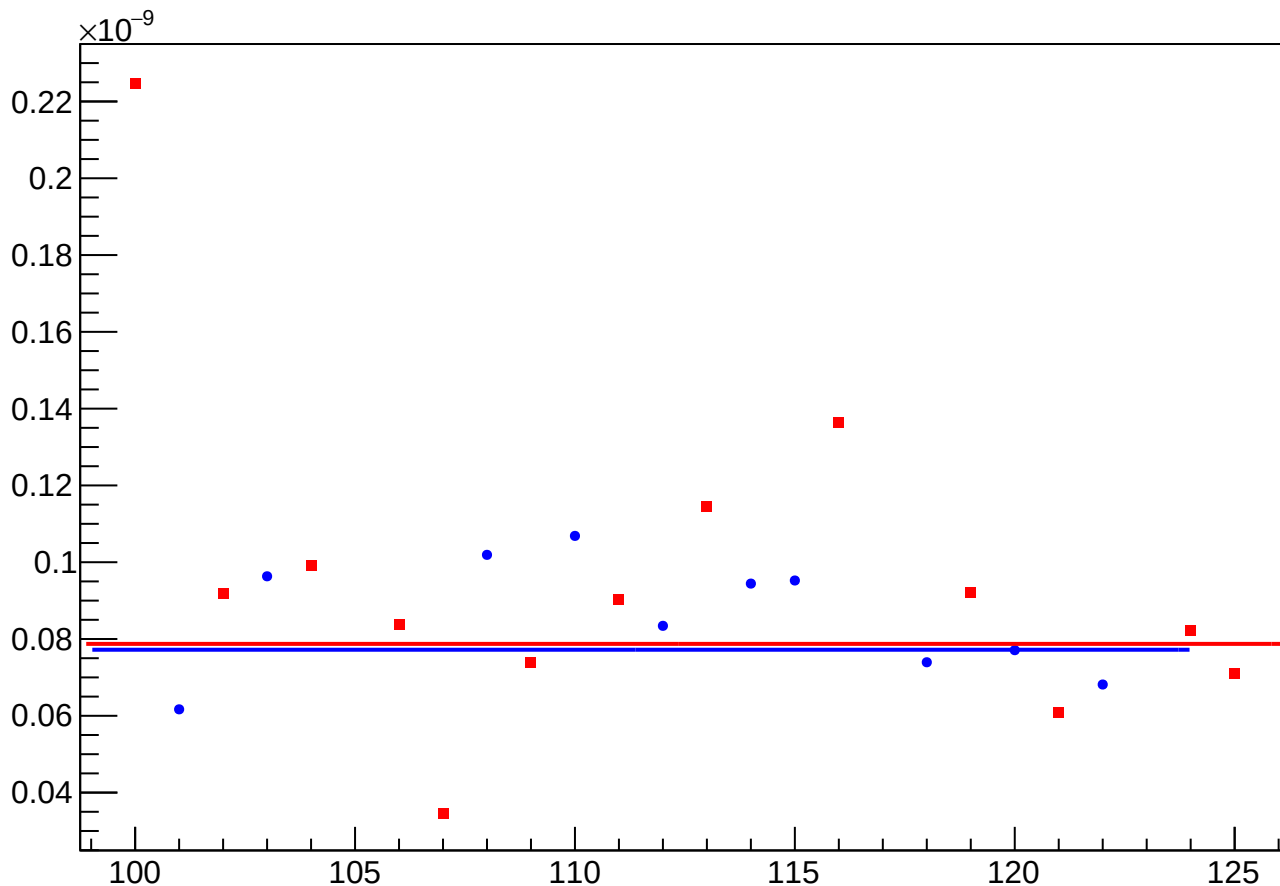
Right: 0.000+/-0.000 χ^2/NDF : 23.8/22

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 : 23.8/22

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 : 605215.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

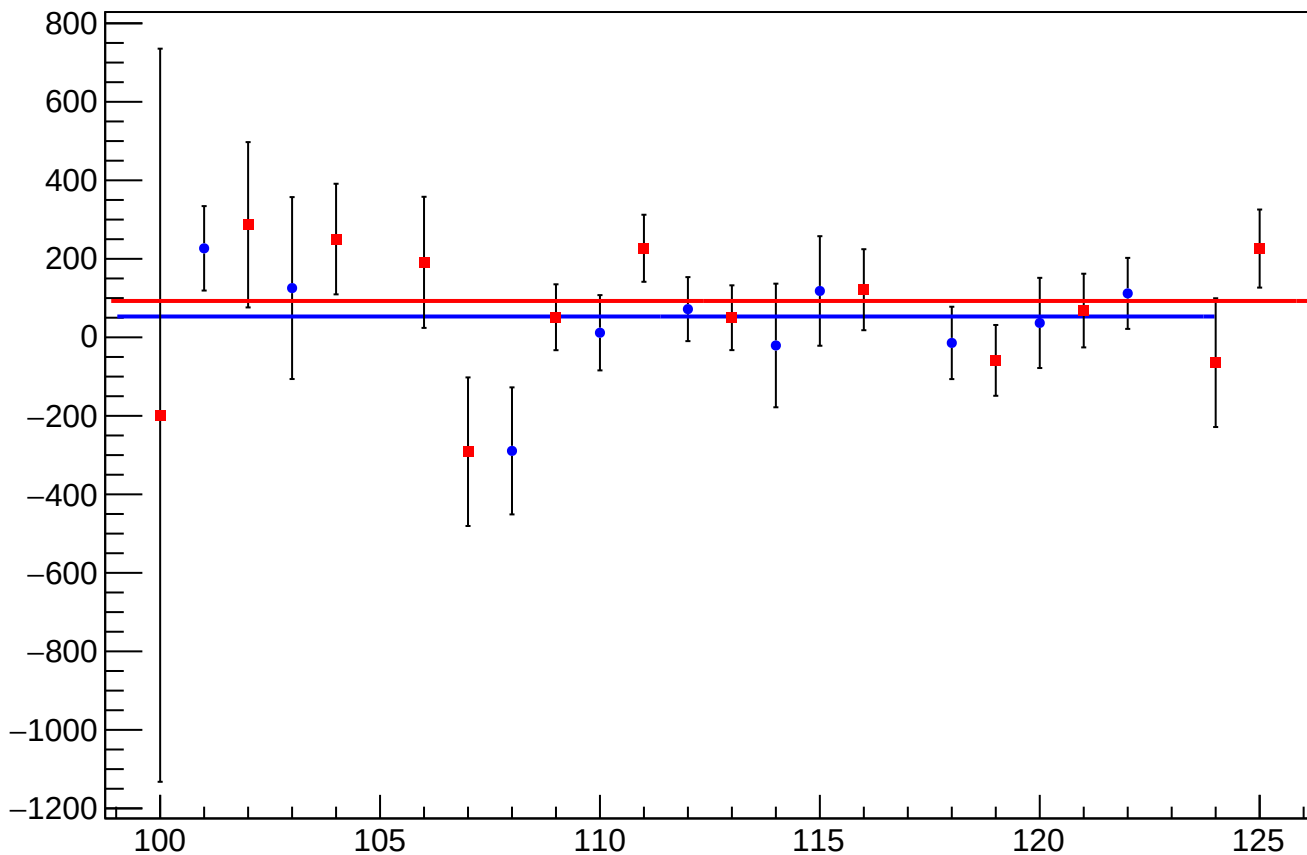
Right: 0.000+/-0.000 χ^2/NDF : 807434.3/22

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 : 807434.3/22

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: 92.671+/-31.124 χ^2/NDF : 15.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

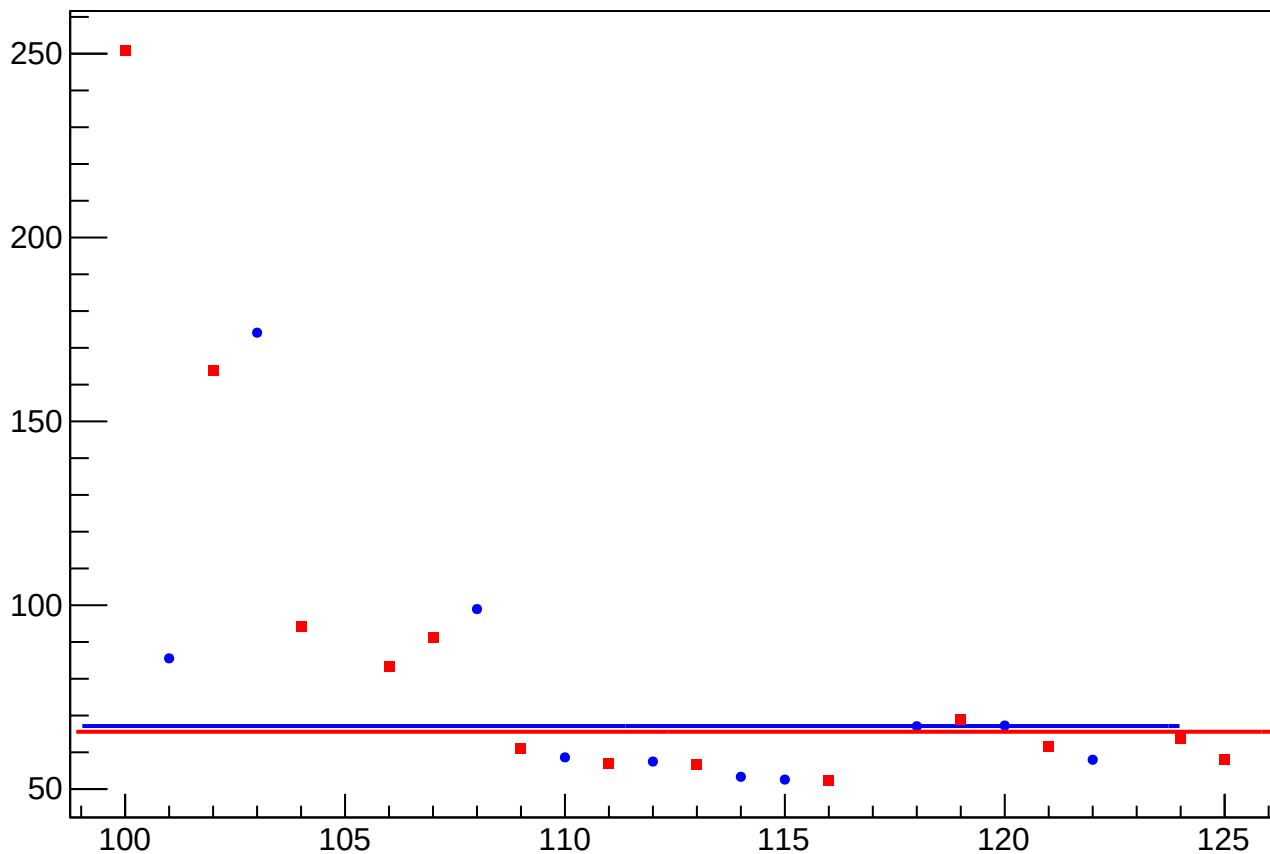
Right: 75.276+/-23.299 χ^2/NDF : 24.9/22

In: 53.100+/-35.141 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.276+/-23.299 χ^2/NDF : 24.9/22

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: 65.590+/-0.022 χ^2/NDF : 755953.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

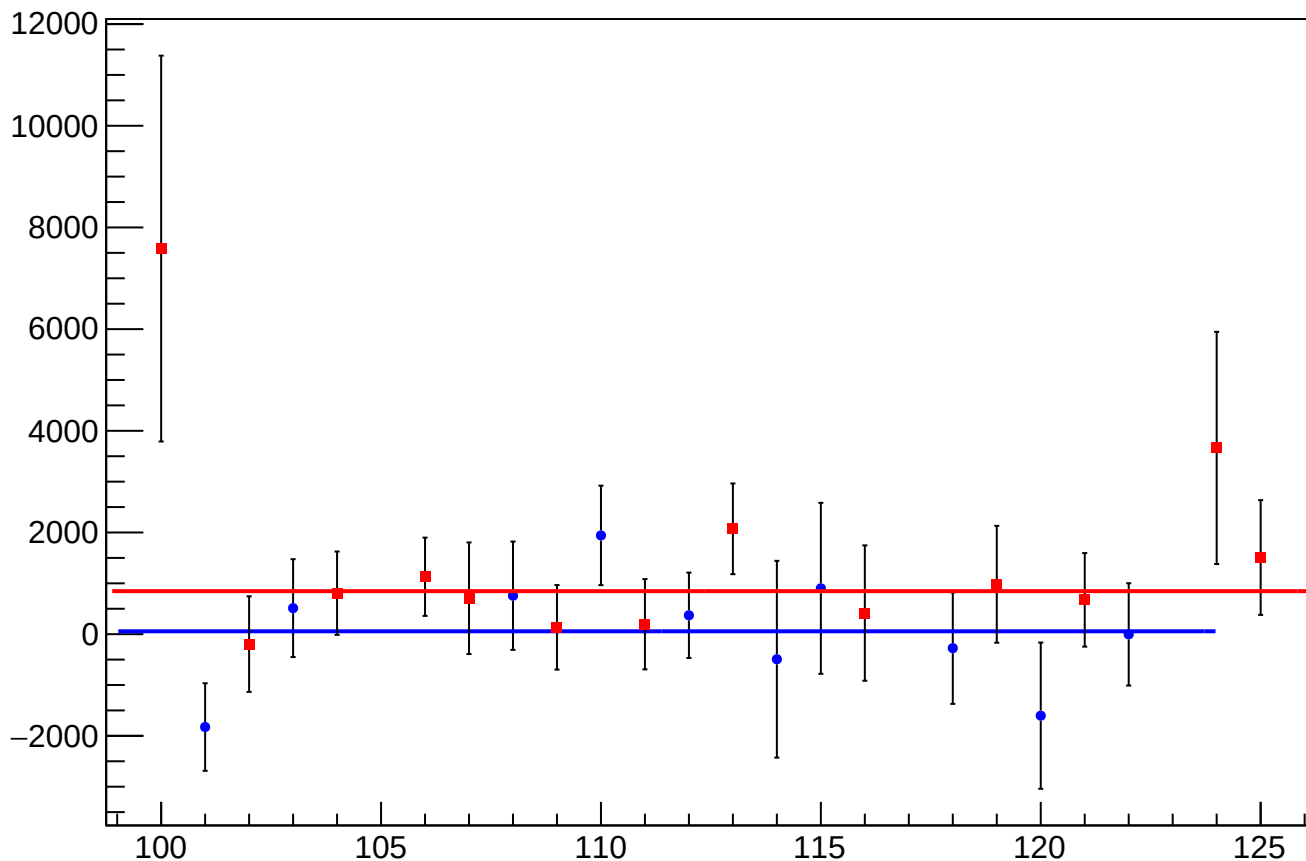
Right: 66.273+/-0.016 χ^2/NDF : 1421721.8/22

In: 67.144+/-0.025 χ^2/NDF : 663575.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.273+/-0.016 χ^2/NDF : 1421721.8/22

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: 845.908+/-281.149 χ^2/NDF : 9.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

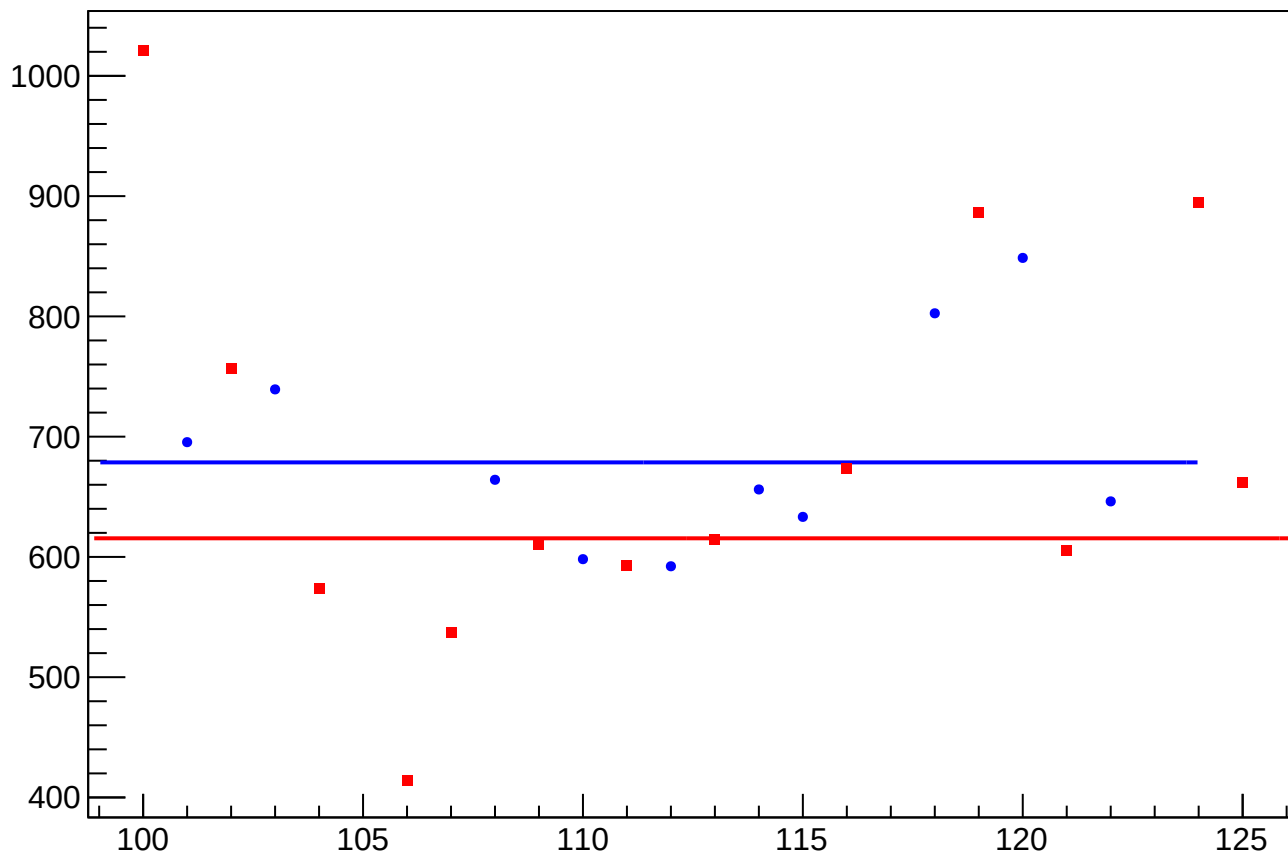
Right: 524.371+/-216.430 χ^2/NDF : 24.0/22

In: 56.665+/-339.085 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 524.371+/-216.430 χ^2/NDF : 24.0/22

asym_sam_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 678.604+/-0.240 χ^2/NDF : 101133.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 615.477+/-0.199 χ^2/NDF : 369566.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

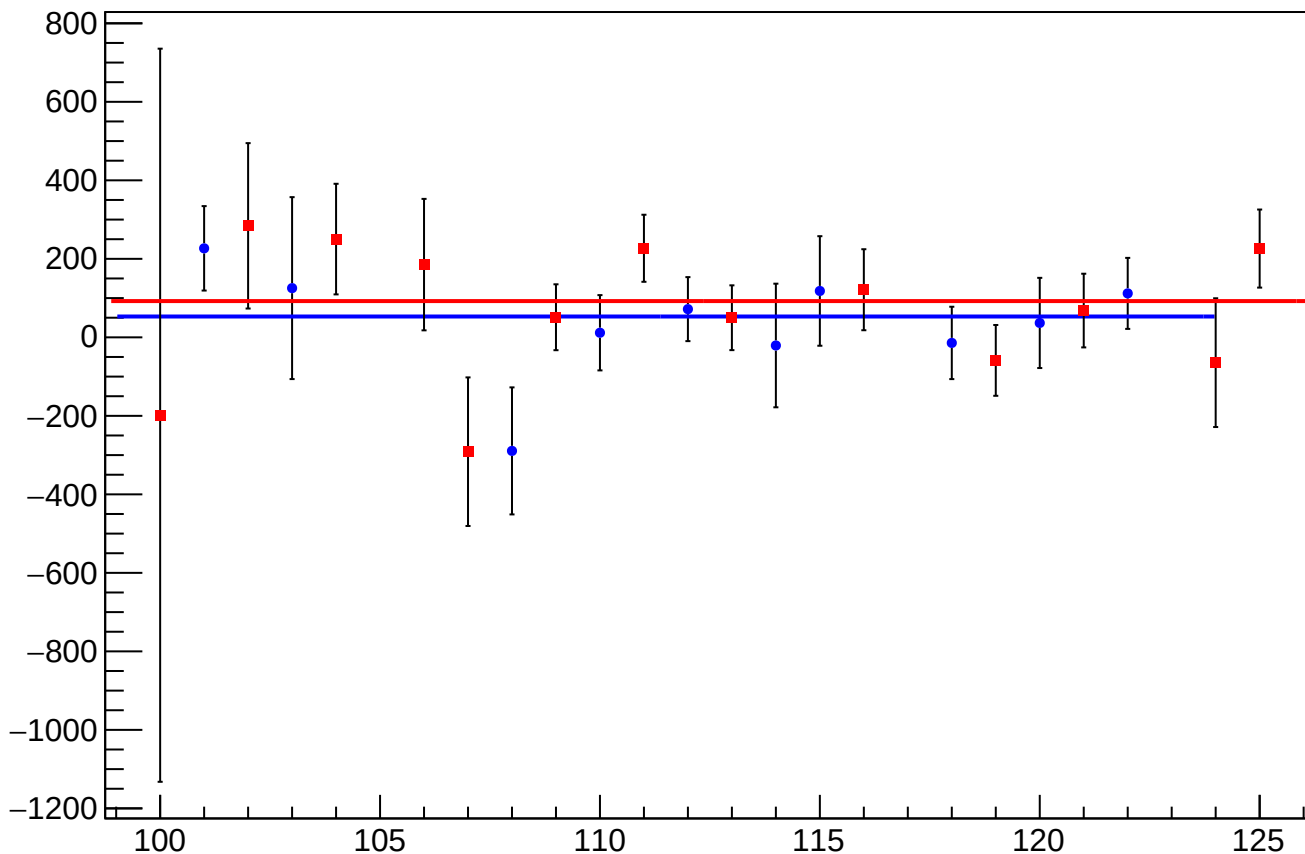
Right: 641.195+/-0.153 χ^2/NDF : 511777.9/22

In: 678.604+/-0.240 χ^2/NDF : 101133.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 641.195+/-0.153 χ^2/NDF : 511777.9/22

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: 92.379+/-31.127 χ^2/NDF : 15.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

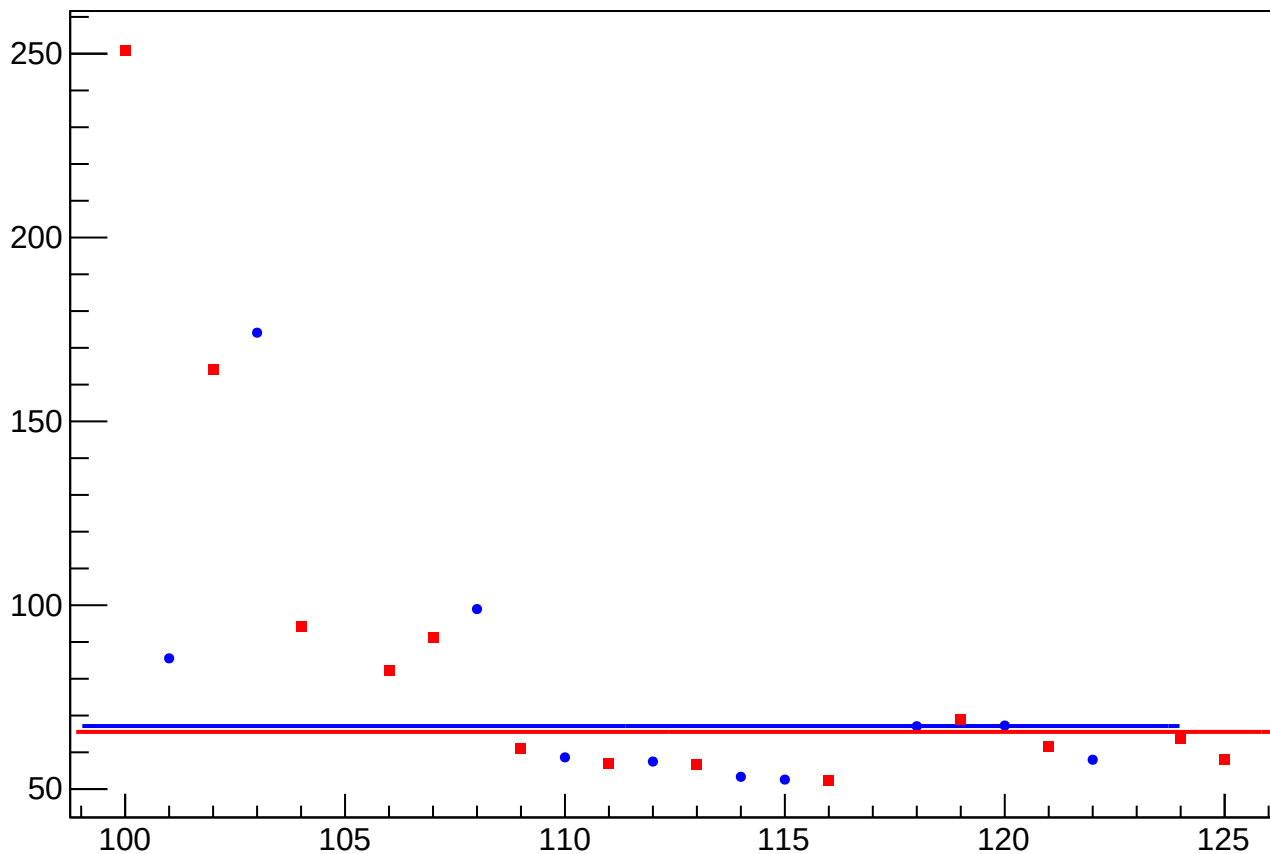
Right: 75.106+/-23.301 χ^2/NDF : 24.8/22

In: 53.091+/-35.141 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.106+/-23.301 χ^2/NDF : 24.8/22

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: 65.551+/-0.022 χ^2/NDF : 753509.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

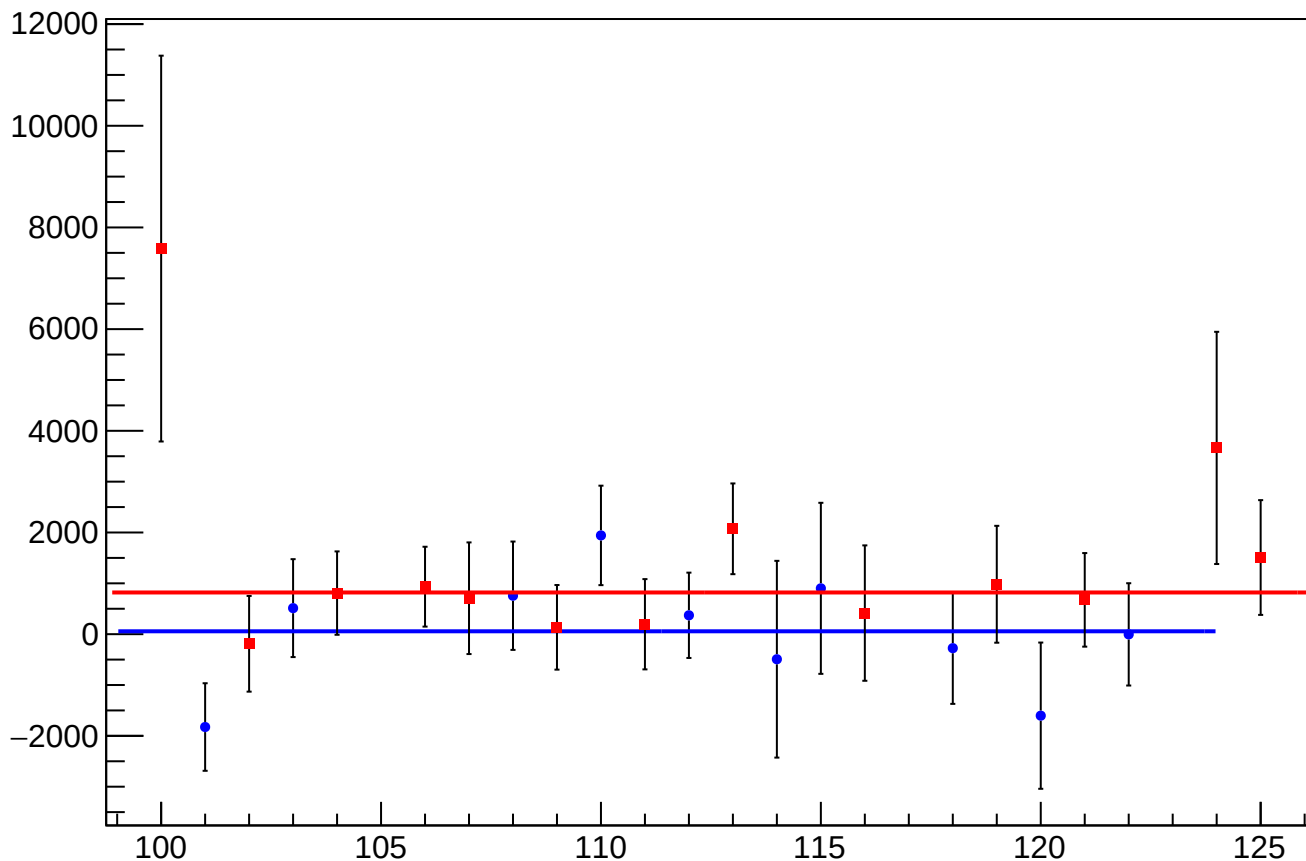
Right: 66.251+/-0.016 χ^2/NDF : 1419390.4/22

In: 67.144+/-0.025 χ^2/NDF : 663577.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.251+/-0.016 χ^2/NDF : 1419390.4/22

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: 820.186+/-281.911 χ^2/NDF : 9.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

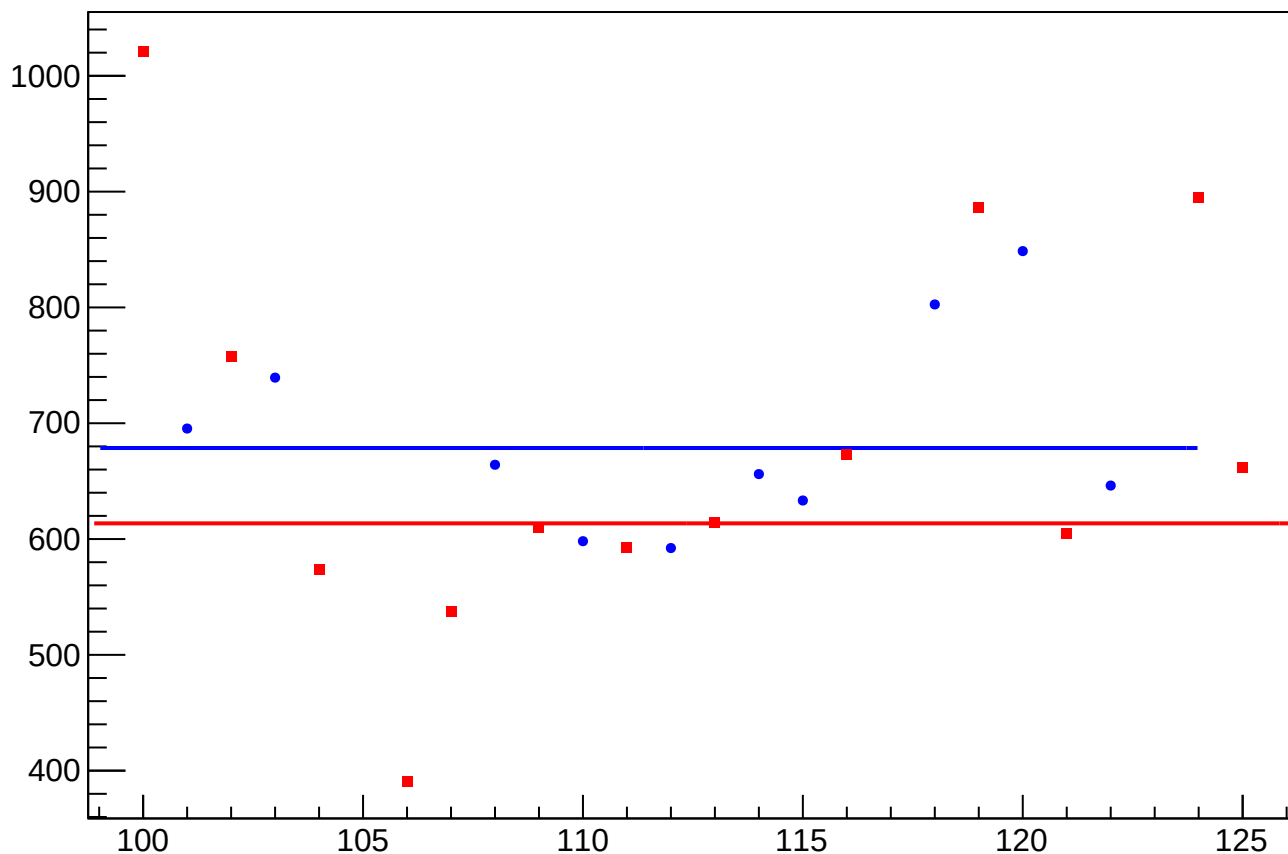
Right: 508.140+/-216.779 χ^2/NDF : 23.6/22

In: 56.676+/-339.089 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 508.140+/-216.779 χ^2/NDF : 23.6/22

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: 613.553+/-0.199 χ^2/NDF : 396845.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

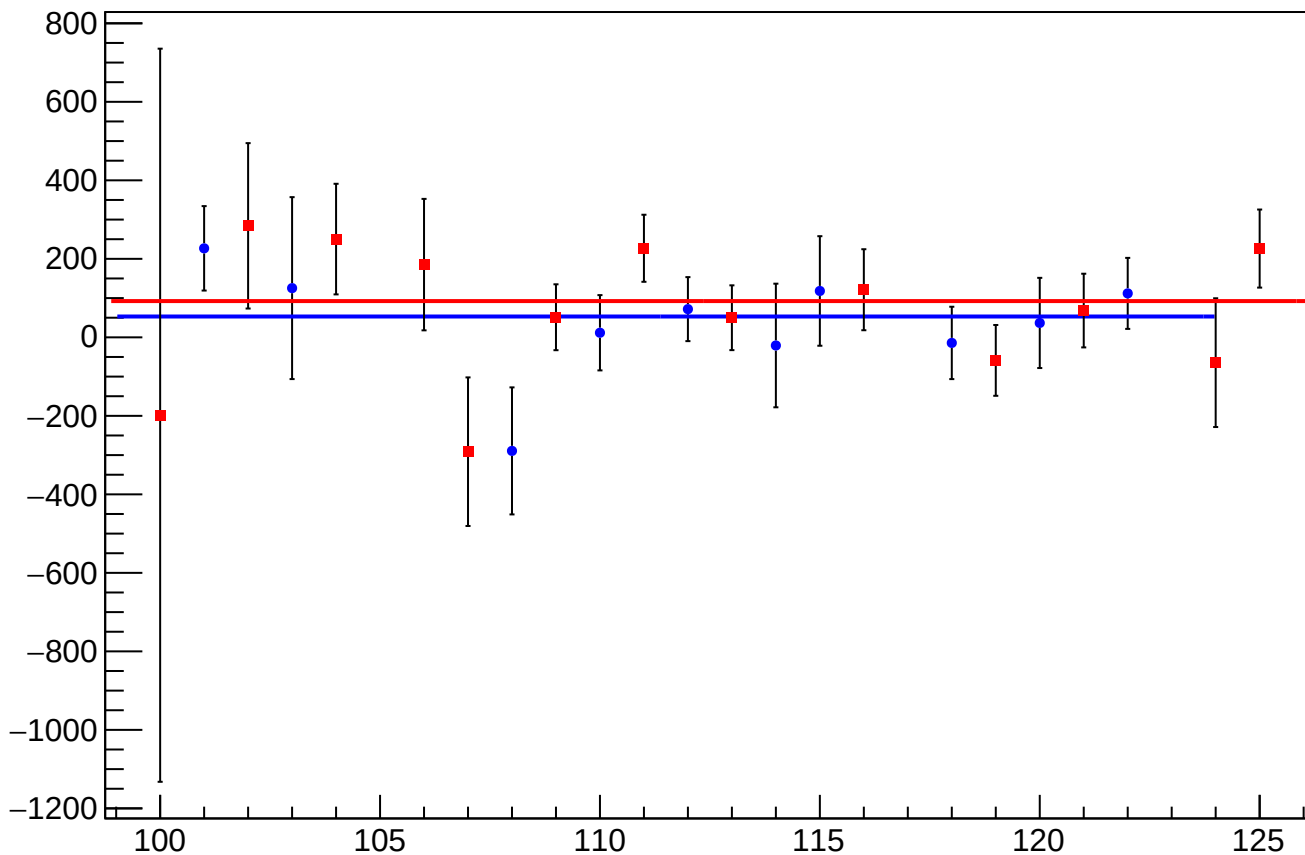
Right: 640.143+/-0.153 χ^2/NDF : 541531.2/22

In: 678.612+/-0.240 χ^2/NDF :101152.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 640.143+/-0.153 χ^2/NDF : 541531.2/22

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: 92.379+/-31.127 χ^2/NDF : 15.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

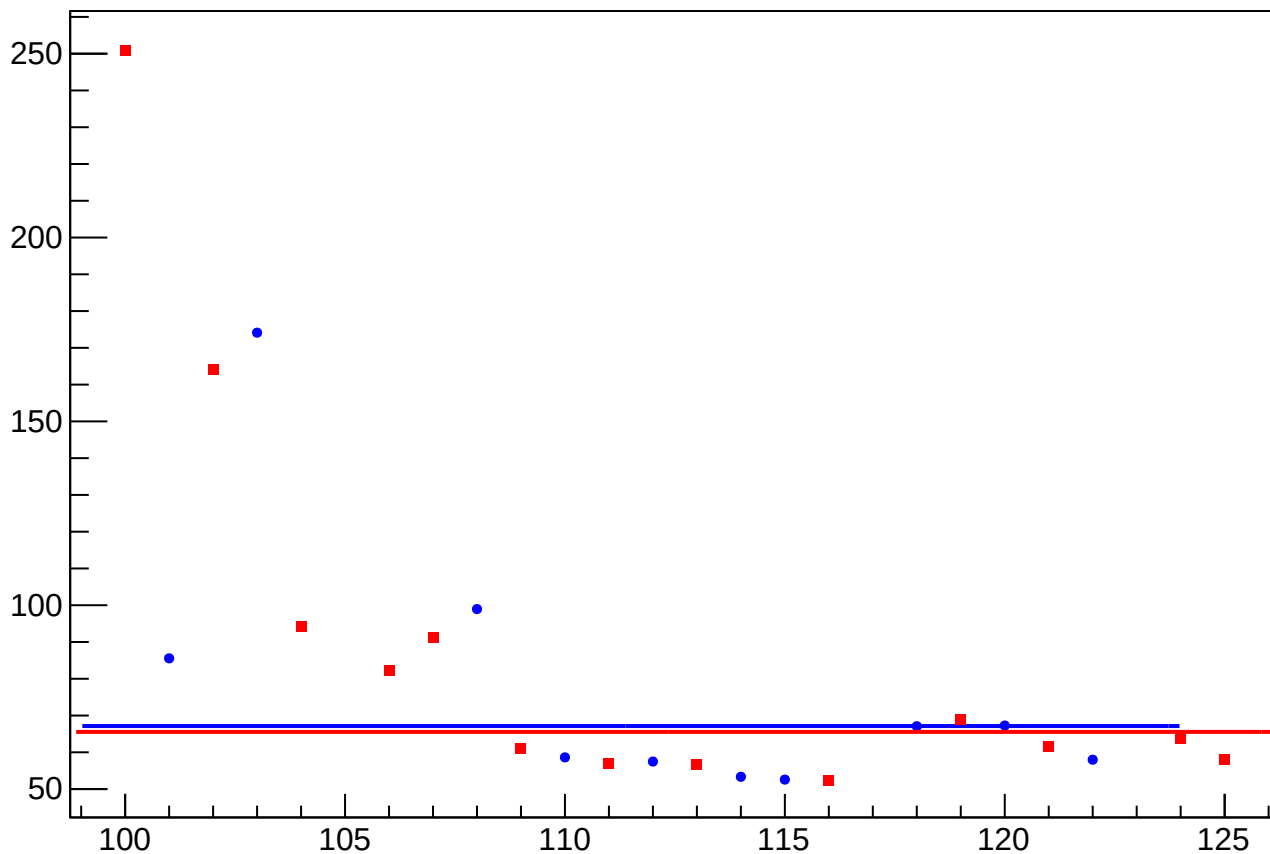
Right: 75.106+/-23.301 χ^2/NDF : 24.8/22

In: 53.091+/-35.141 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.106+/-23.301 χ^2/NDF : 24.8/22

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: 65.551+/-0.022 χ^2/NDF : 753509.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

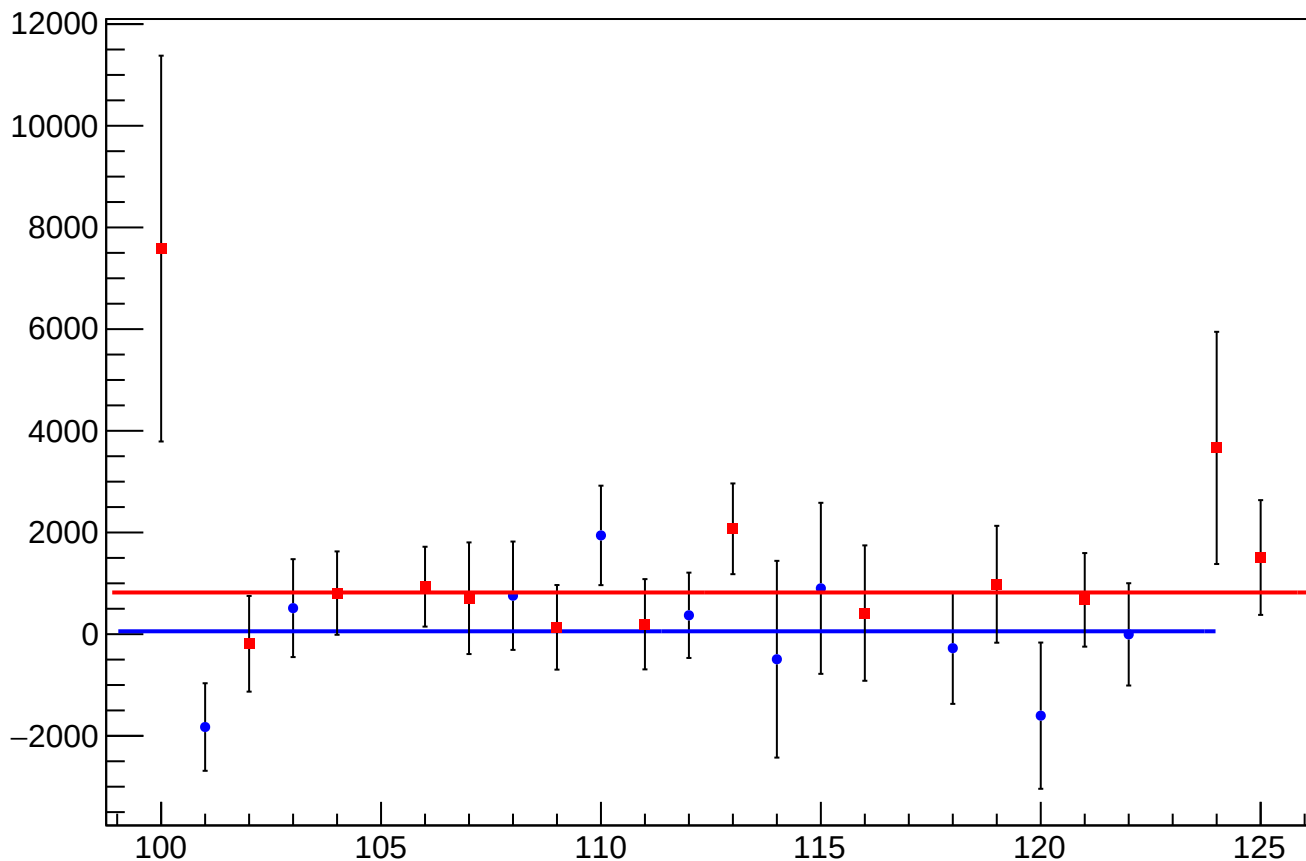
Right: 66.251+/-0.016 χ^2/NDF : 1419390.4/22

In: 67.144+/-0.025 χ^2/NDF : 663577.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.251+/-0.016 χ^2/NDF : 1419390.4/22

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: 820.186+/-281.911 χ^2/NDF : 9.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

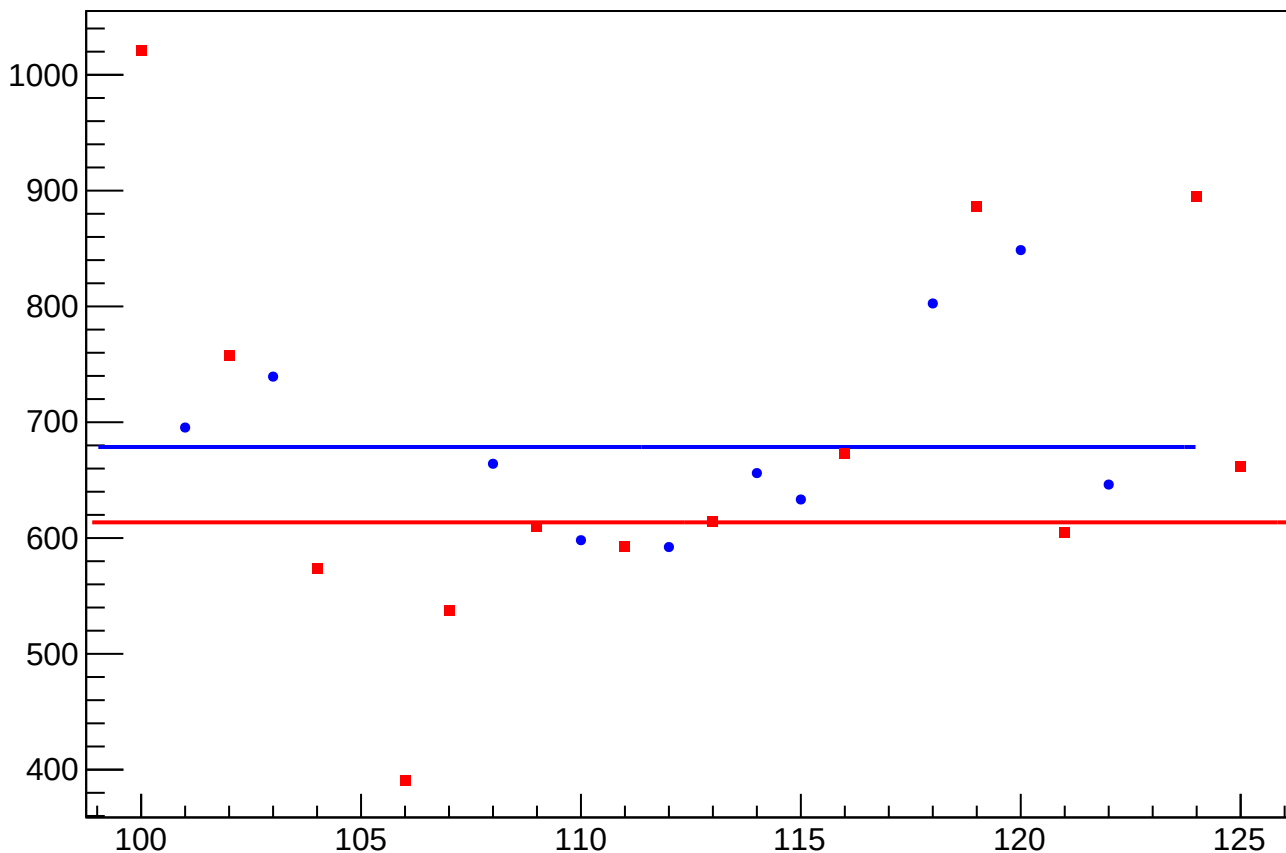
Right: 508.140+/-216.779 χ^2/NDF : 23.6/22

In: 56.676+/-339.089 χ^2/NDF : 11.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 508.140+/-216.779 χ^2/NDF : 23.6/22

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: 613.553 $\pm$ 0.199 χ^2 /NDF: 396845.3/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

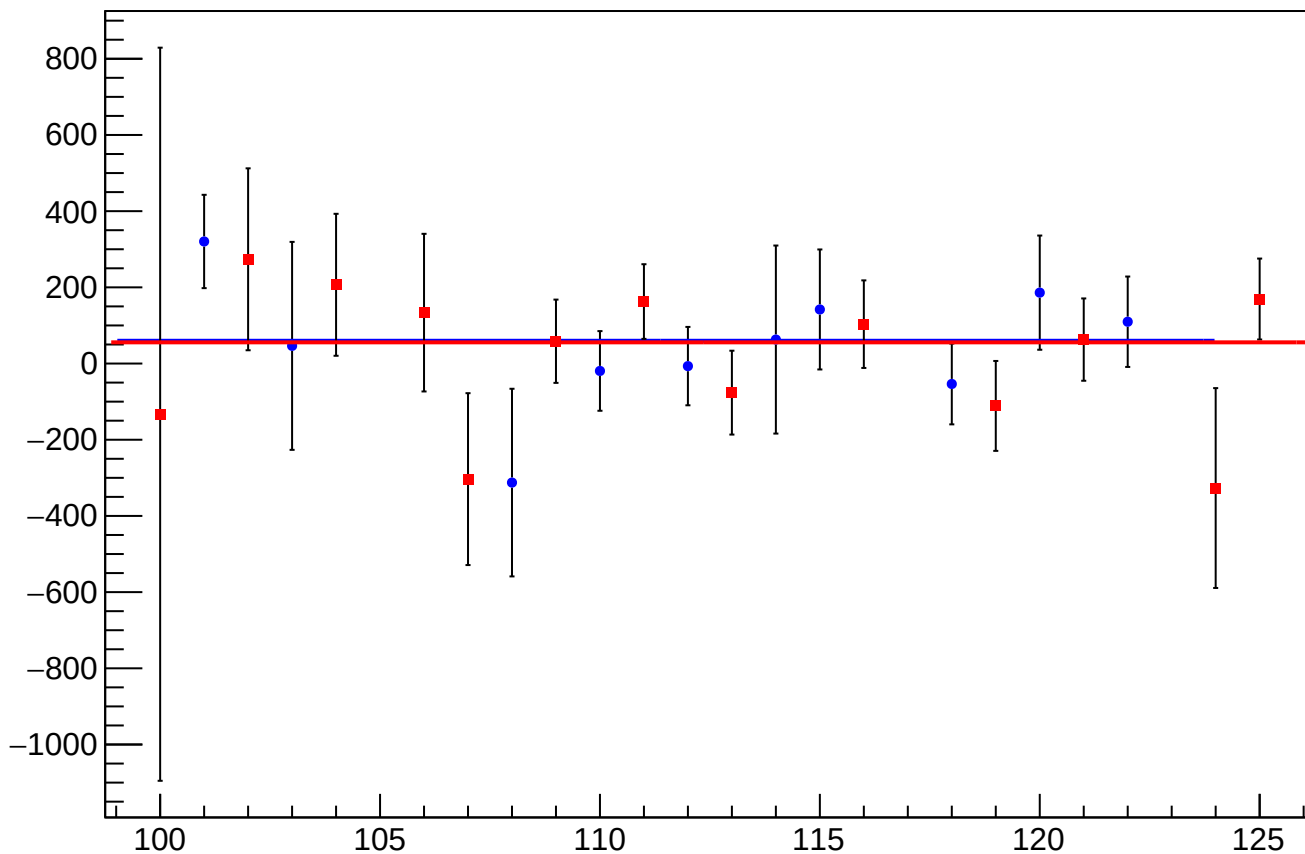
Right: 640.143 $\pm$ 0.153 χ^2 /NDF: 541531.2/22

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: 640.143 $\pm$ 0.153 χ^2 /NDF: 541531.2/22

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: 55.655+/-37.871 χ^2/NDF : 12.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

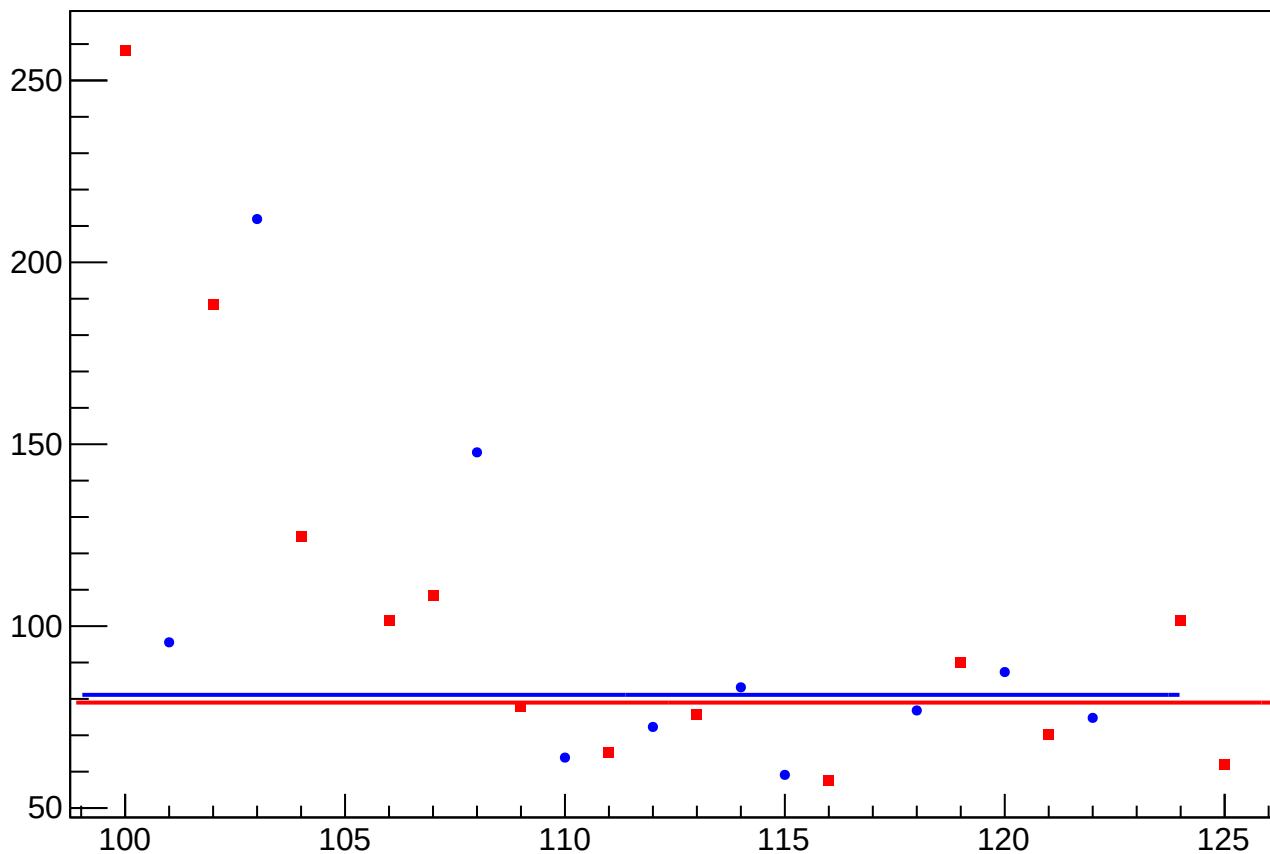
Right: 57.442+/-28.386 χ^2/NDF : 22.4/22

In: 59.733+/-42.882 χ^2/NDF : 10.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.442+/-28.386 χ^2/NDF : 22.4/22

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: 78.987 $\pm$ 0.027 χ^2 /NDF: 875172.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

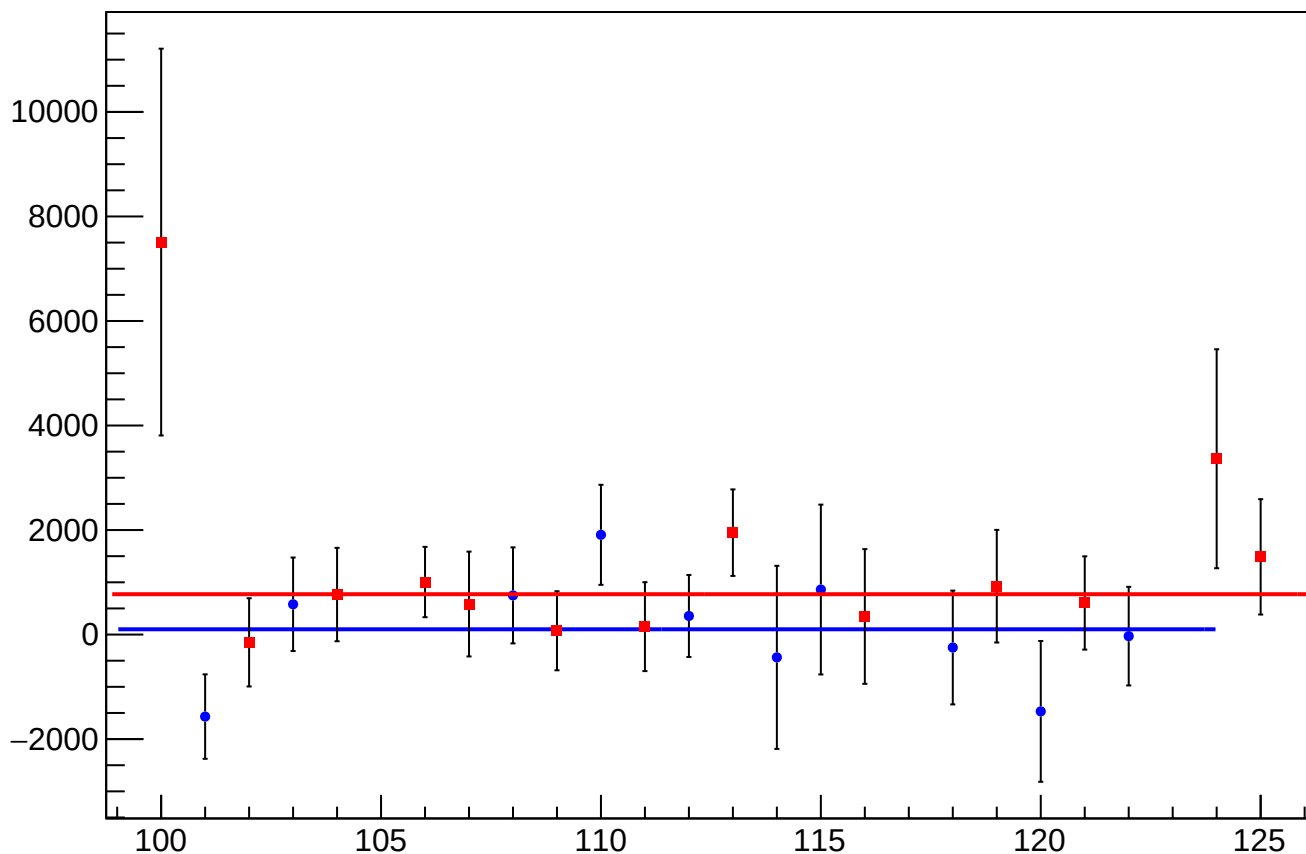
Right: 79.920 $\pm$ 0.020 χ^2 /NDF: 1632238.2/22

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: 79.920 $\pm$ 0.020 χ^2 /NDF: 1632238.2/22

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: 772.135+/-264.557 χ^2/NDF : 10.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

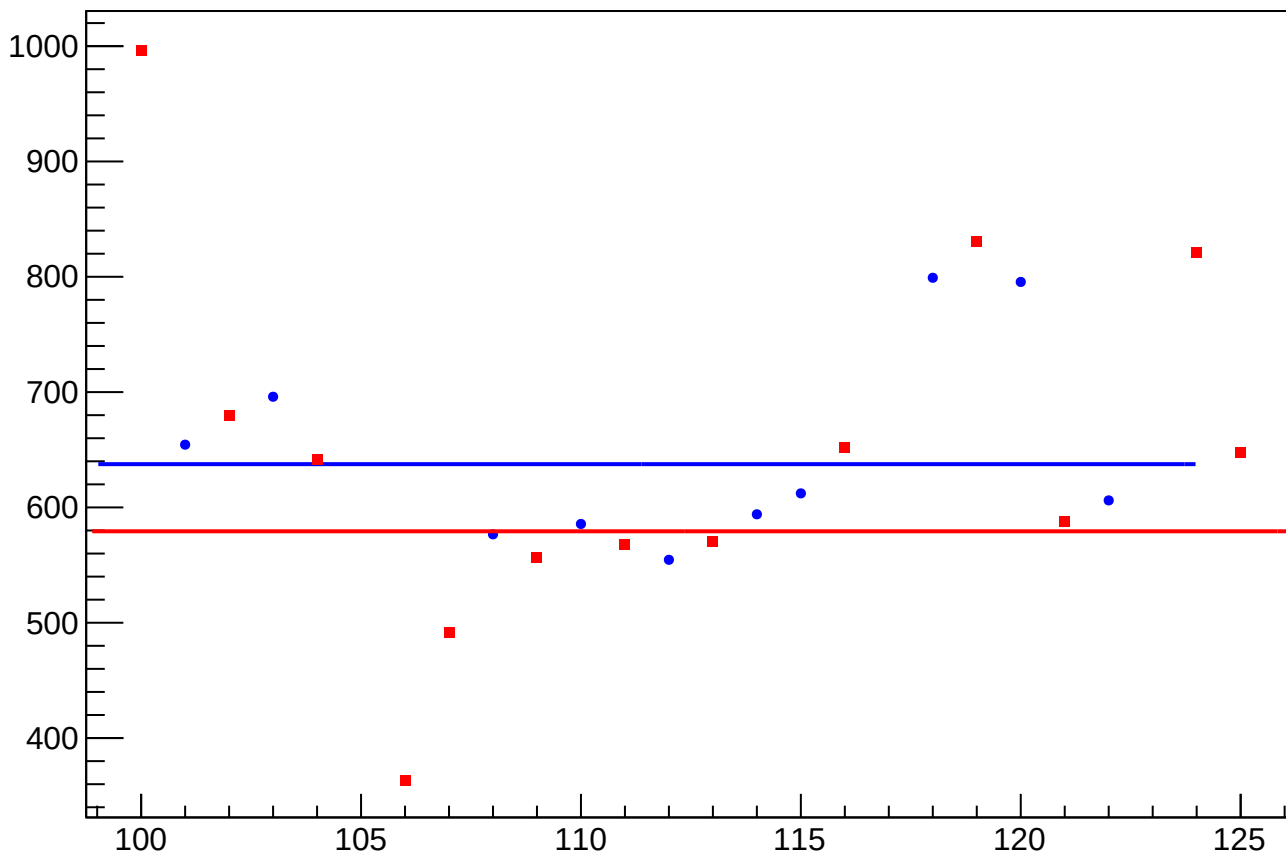
Right: 497.388+/-203.322 χ^2/NDF : 23.3/22

In: 100.956+/-317.788 χ^2/NDF : 10.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 497.388+/-203.322 χ^2/NDF : 23.3/22

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: 579.302+/-0.187 χ^2/NDF : 436790.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

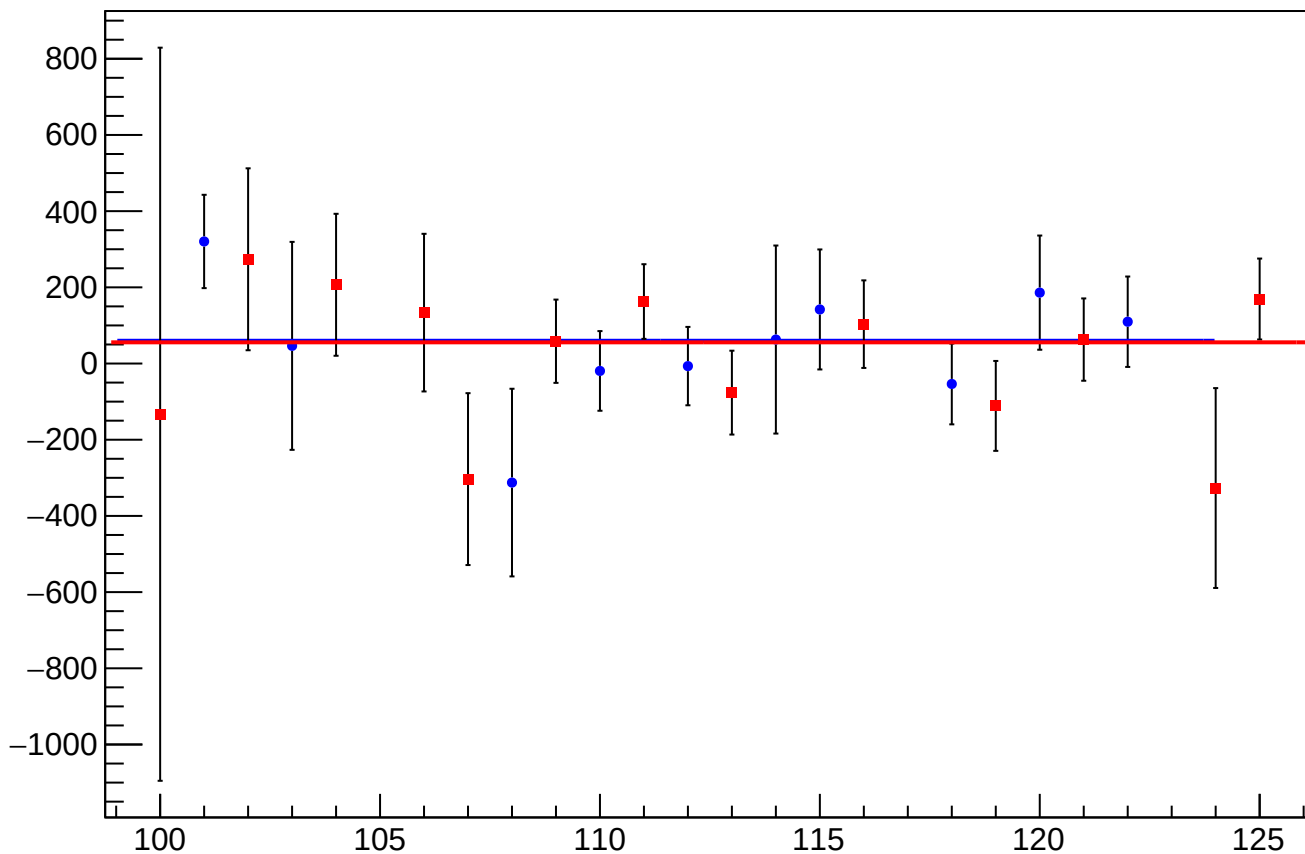
Right: 603.135+/-0.144 χ^2/NDF : 598356.3/22

In: 637.523+/-0.225 χ^2/NDF : 121915.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 603.135+/-0.144 χ^2/NDF : 598356.3/22

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: 55.654+/-37.871 χ^2/NDF : 12.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

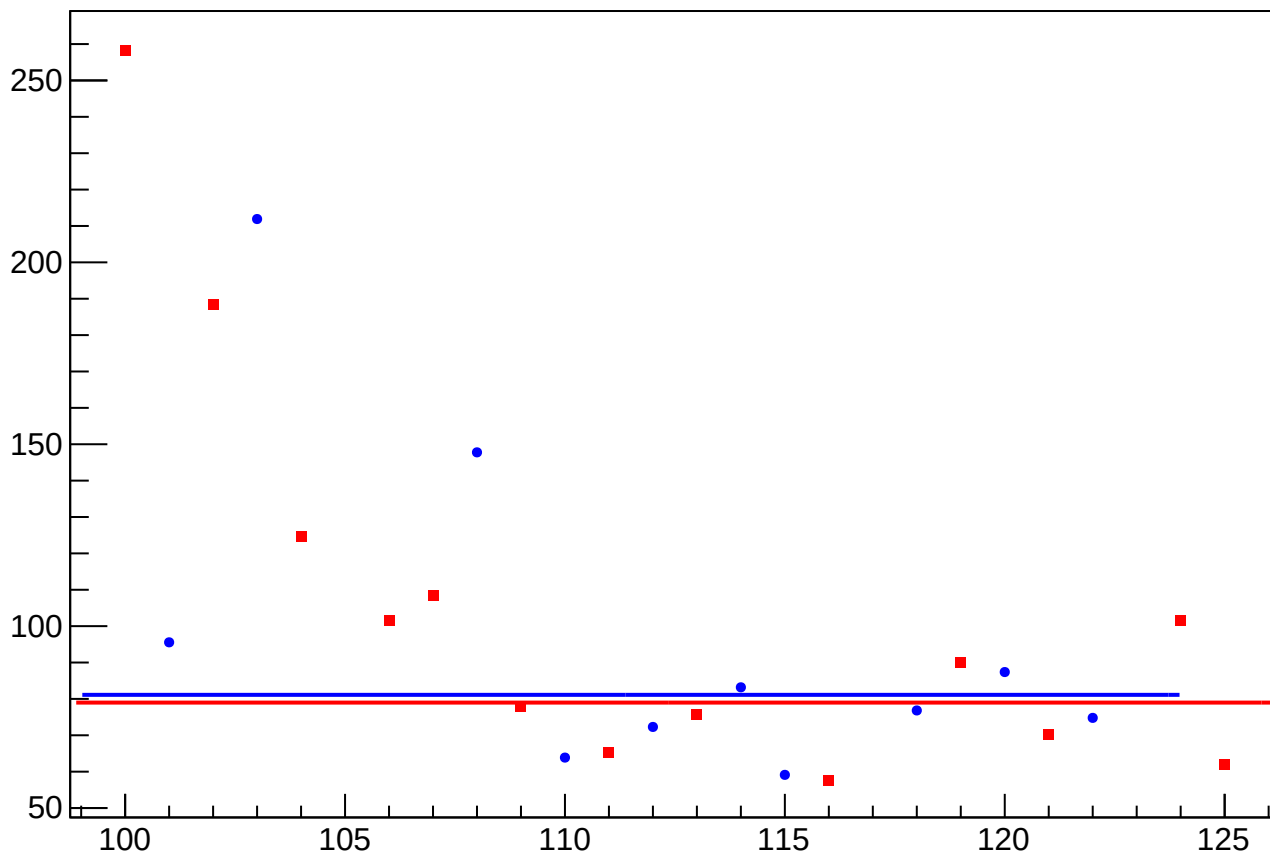
Right: 57.441+/-28.386 χ^2/NDF : 22.4/22

In: 59.732+/-42.882 χ^2/NDF : 10.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.441+/-28.386 χ^2/NDF : 22.4/22

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: 78.987 $\pm$ 0.027 χ^2 /NDF: 875160.1/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

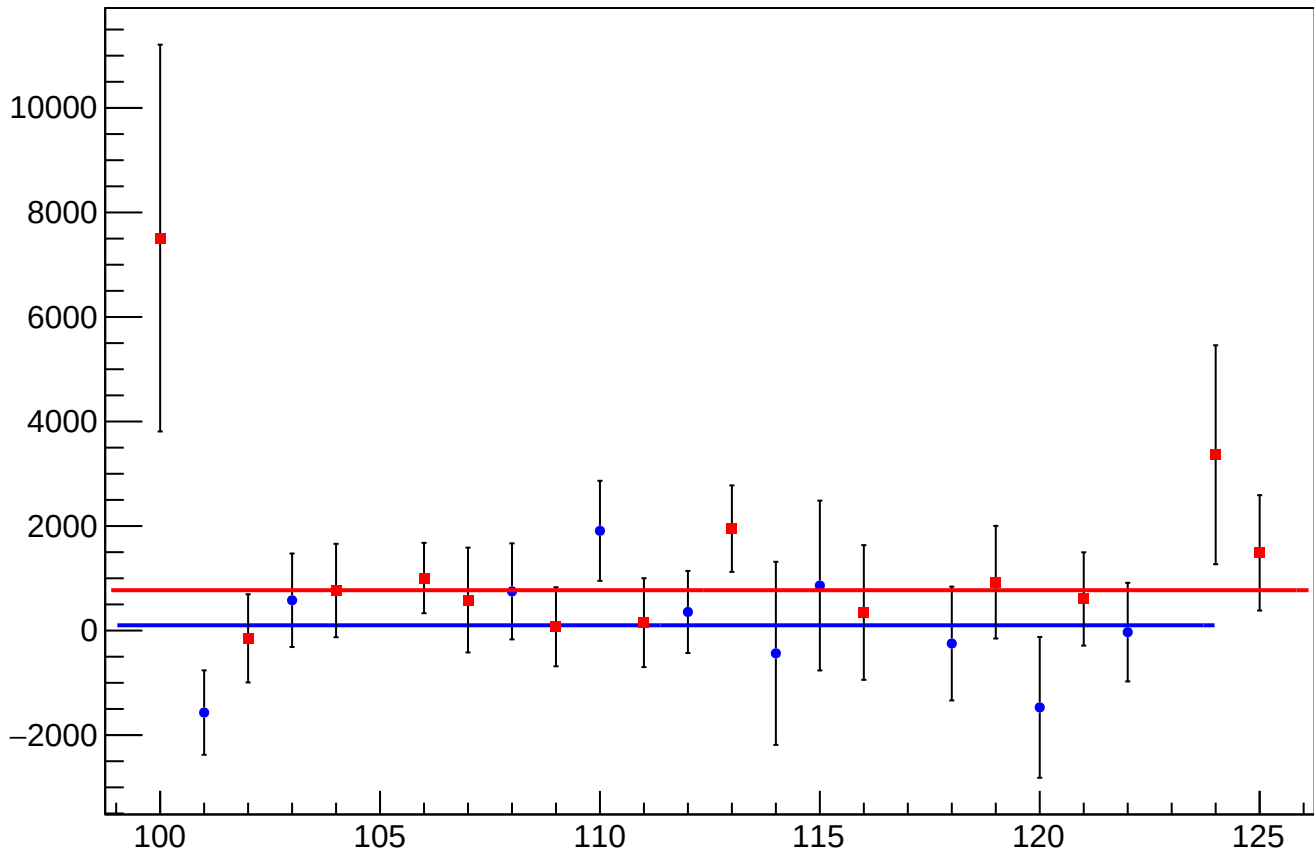
Right: 79.920 $\pm$ 0.020 χ^2 /NDF: 1632230.4/22

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: 79.920 $\pm$ 0.020 χ^2 /NDF: 1632230.4/22

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: 772.134+/-264.557 χ^2/NDF : 10.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

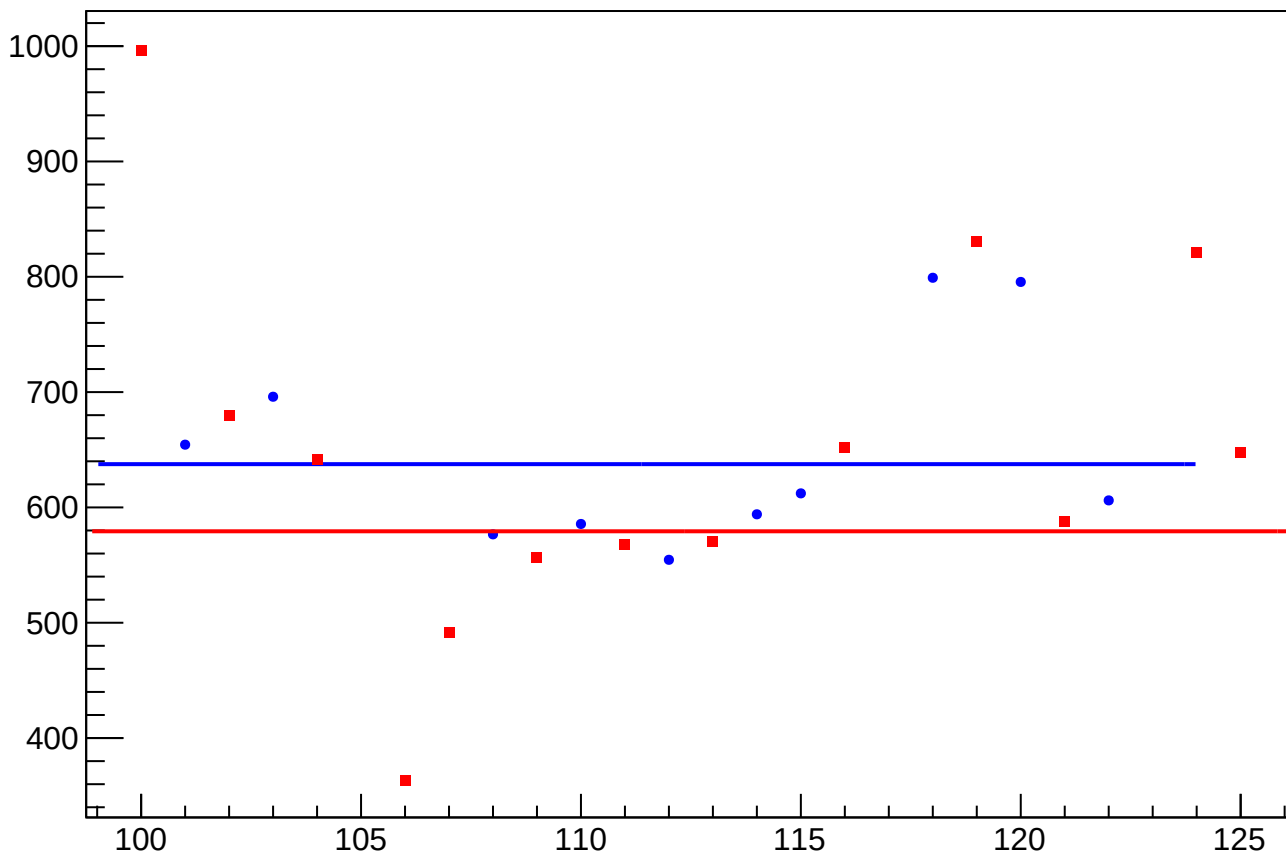
Right: 497.388+/-203.322 χ^2/NDF : 23.3/22

In: 100.956+/-317.787 χ^2/NDF : 10.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 497.388+/-203.322 χ^2/NDF : 23.3/22

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: 579.301+/-0.187 χ^2/NDF : 436791.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

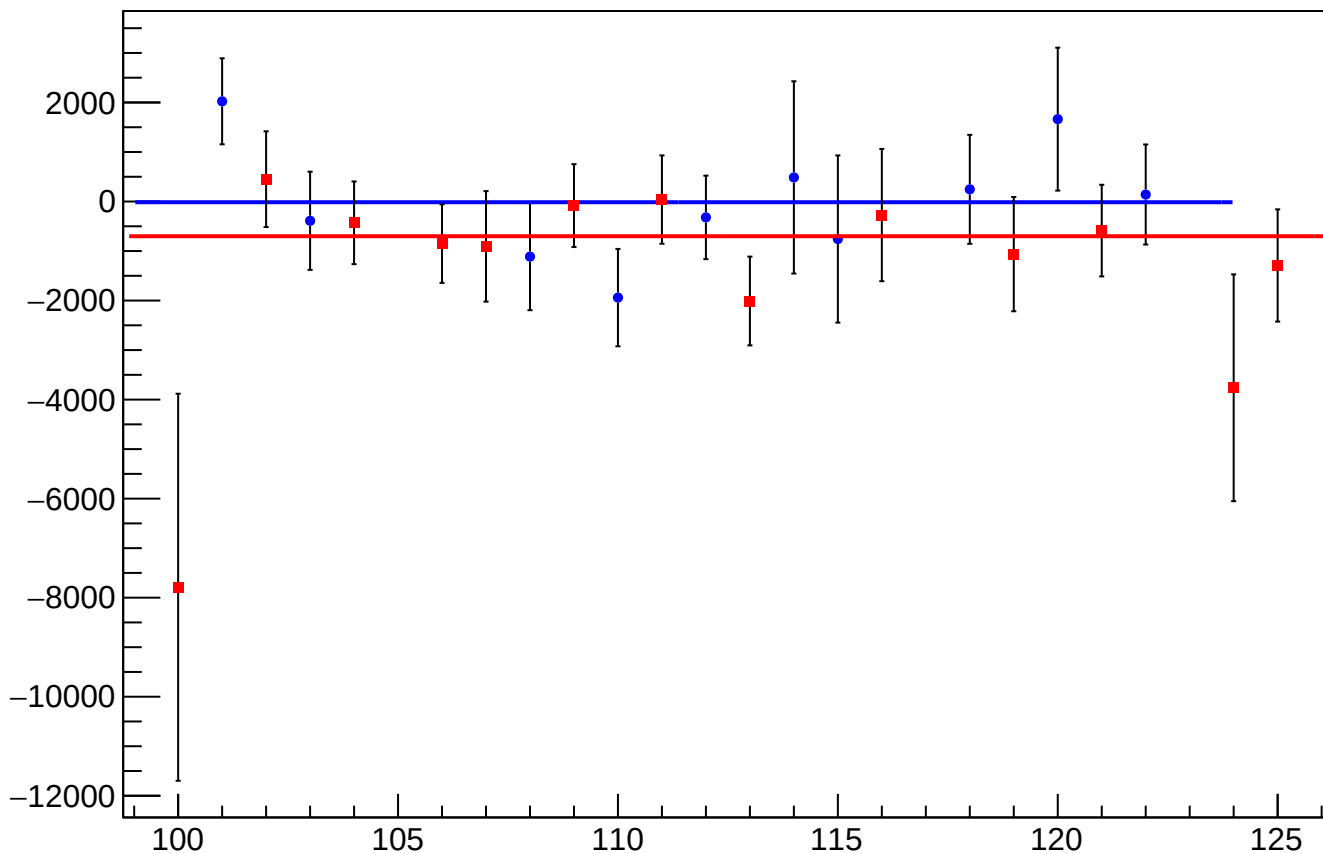
Right: 603.134+/-0.144 χ^2/NDF : 598360.3/22

In: 637.522+/-0.225 χ^2/NDF : 121918.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 603.134+/-0.144 χ^2/NDF : 598360.3/22

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: -14.207 ± 342.182 $\chi^2/\text{NDF}: 12.3/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -701.079 ± 284.674 $\chi^2/\text{NDF}: 10.5/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

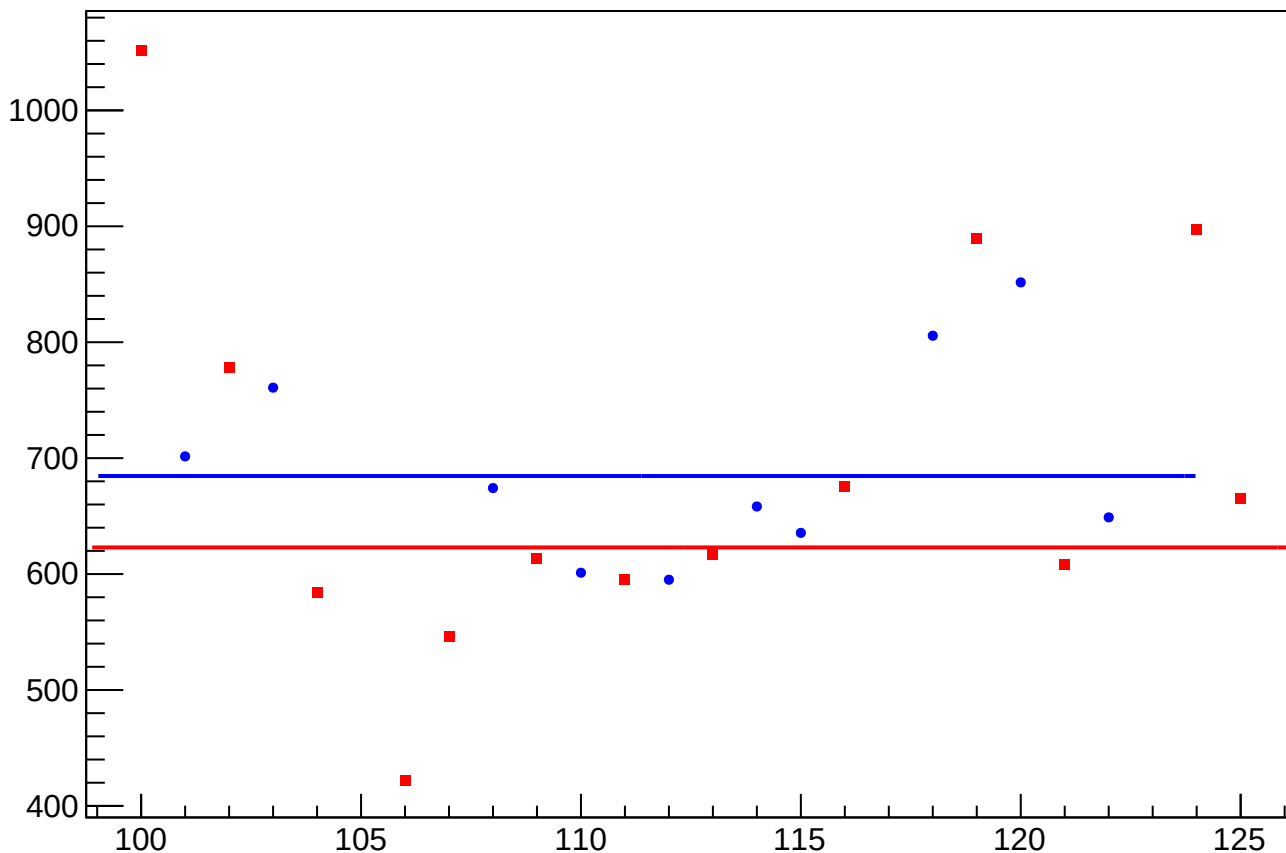
Right: -420.131 ± 218.843 $\chi^2/\text{NDF}: 25.2/22$

In: -14.207 ± 342.182 $\chi^2/\text{NDF}: 12.3/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -420.131 ± 218.843 $\chi^2/\text{NDF}: 25.2/22$

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: 622.965+/-0.201 χ^2/NDF : 361221.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

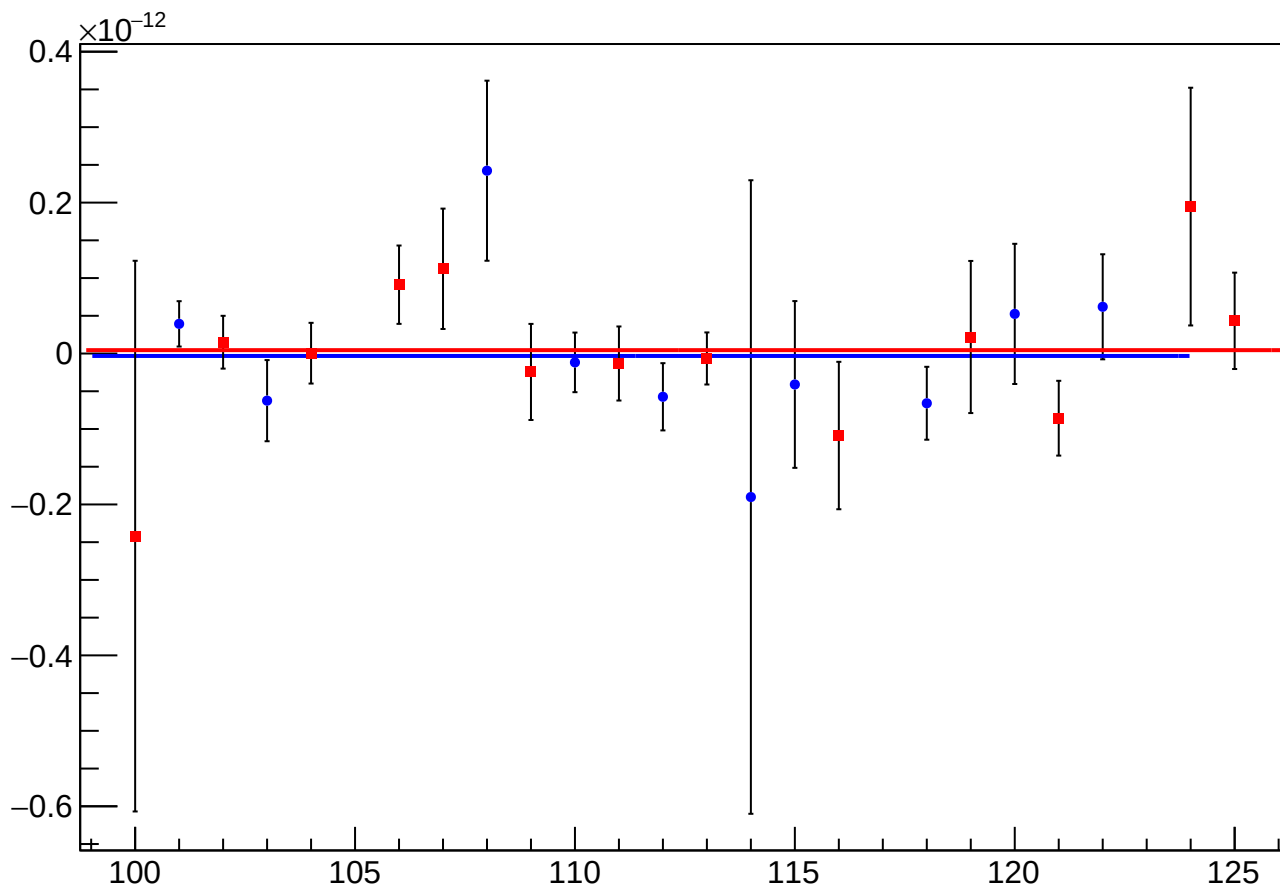
Right: 648.163+/-0.155 χ^2/NDF : 504749.5/22

In: 684.571+/-0.242 χ^2/NDF : 105216.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 648.163+/-0.155 χ^2/NDF : 504749.5/22

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 : 12.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

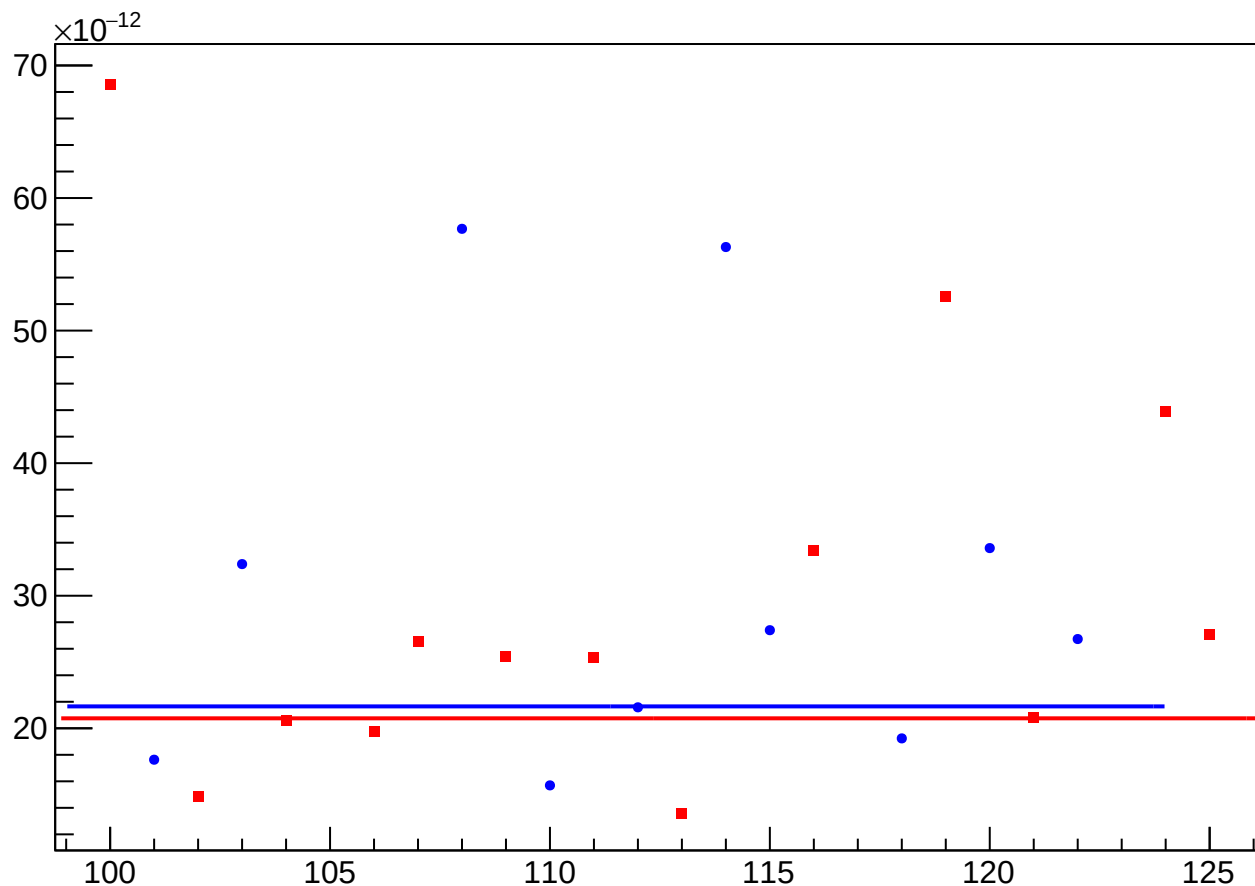
Right: 0.000+/-0.000 χ^2/NDF : 24.4/22

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 : 24.4/22

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 : 512528.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

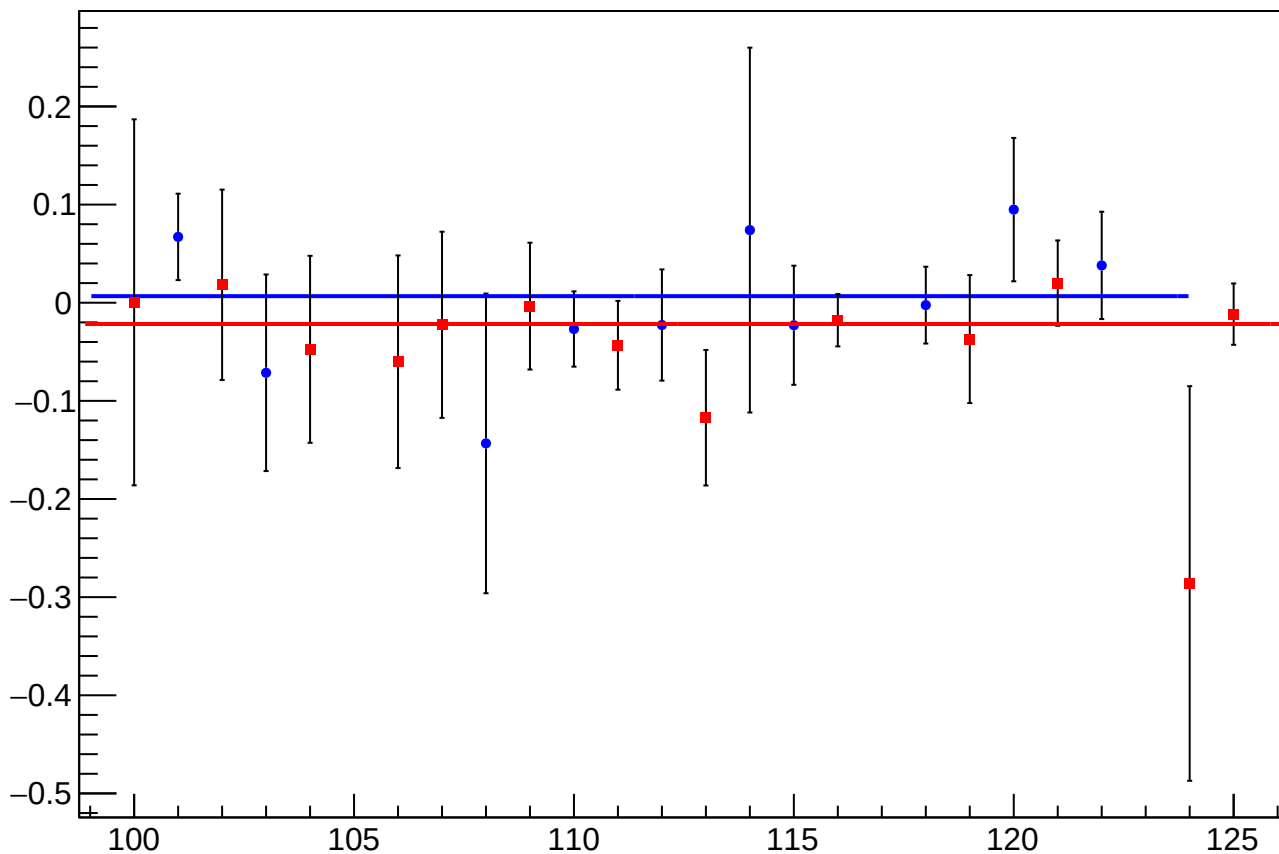
Right: 0.000+/-0.000 χ^2/NDF : 926781.1/22

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 : 926781.1/22

asym_sam_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.018 χ^2 /NDF: 6.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.022 $\pm$ 0.015 χ^2 /NDF: 5.4/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

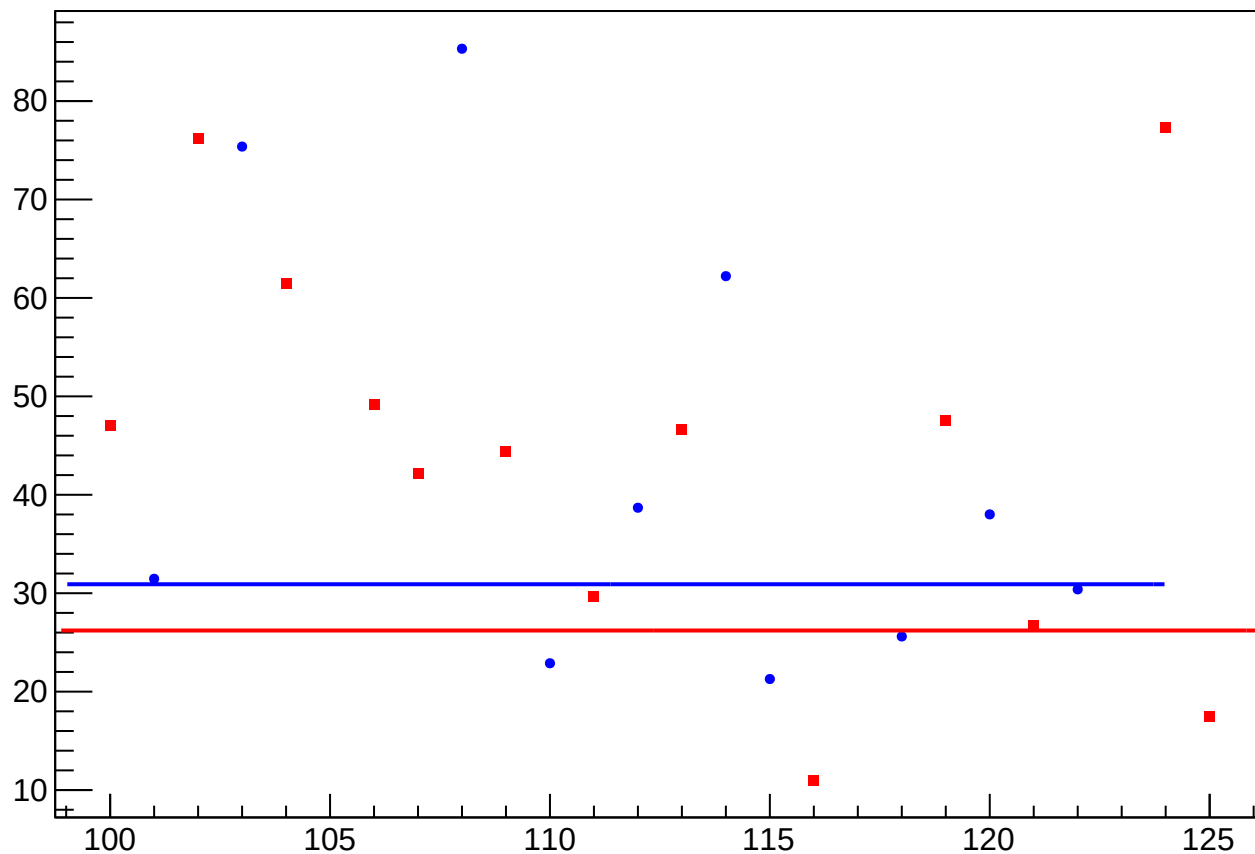
Right: -0.010 $\pm$ 0.011 χ^2 /NDF: 13.6/22

In: 0.007 $\pm$ 0.018 χ^2 /NDF:6.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.010 $\pm$ 0.011 χ^2 /NDF: 13.6/22

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: 26.210+/-0.010 χ^2/NDF : 2475076.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

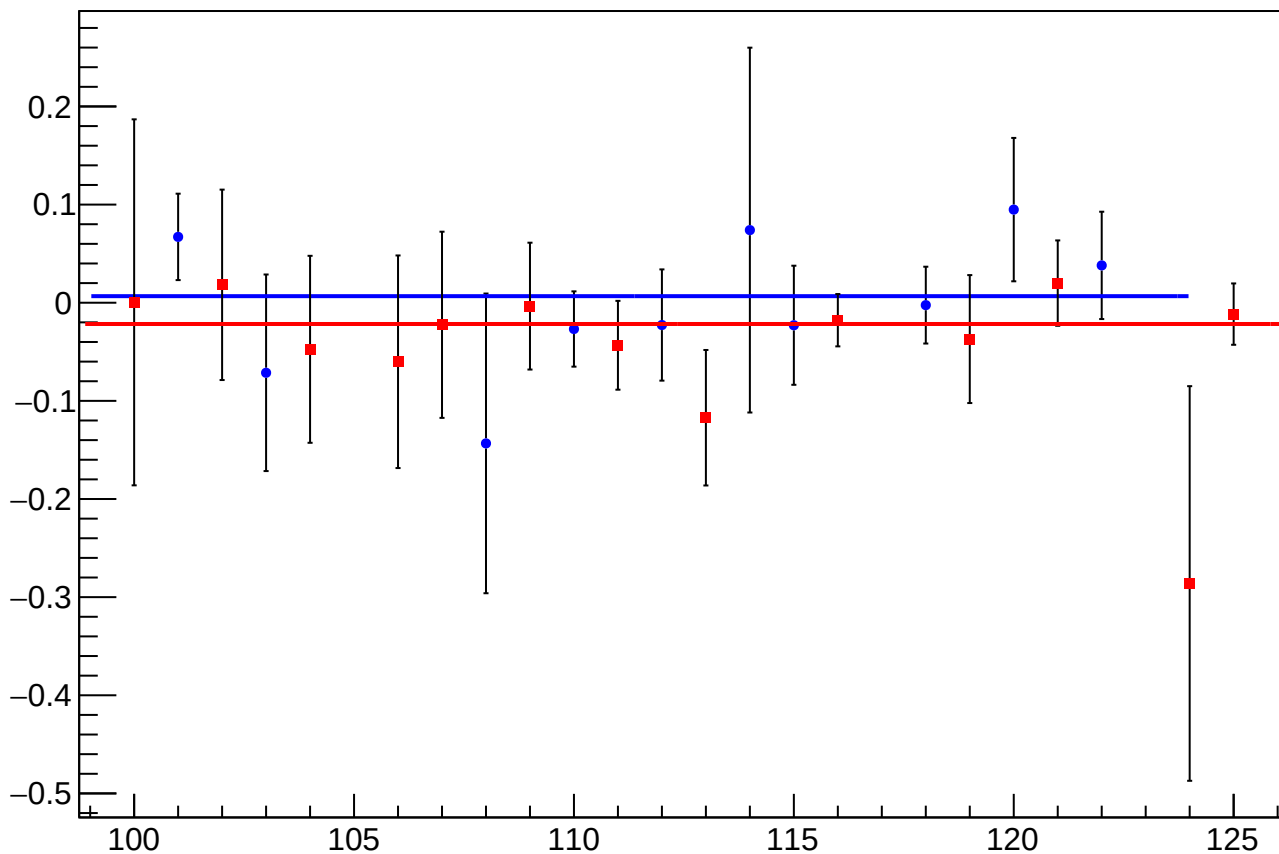
Right: 28.112+/-0.008 χ^2/NDF : 3493988.0/22

In: 30.911+/-0.013 χ^2/NDF : 936658.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.112+/-0.008 χ^2/NDF : 3493988.0/22

asym_sam_37_dd_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: -0.022+/-0.015 χ^2/NDF : 5.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

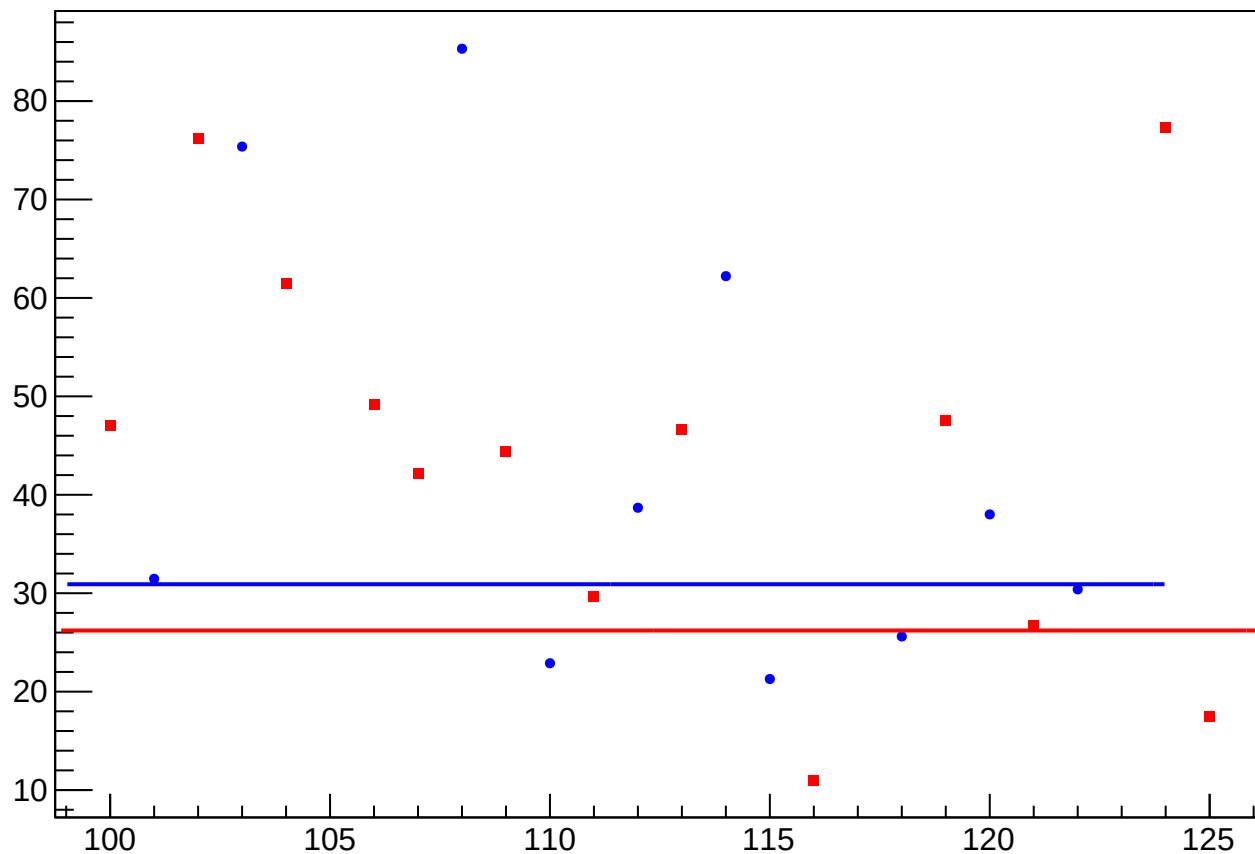
Right: -0.010+/-0.011 χ^2/NDF : 13.6/22

In: 0.007+/-0.018 χ^2/NDF :6.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.010+/-0.011 χ^2/NDF : 13.6/22

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: 26.210+/-0.010 χ^2/NDF : 2475076.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

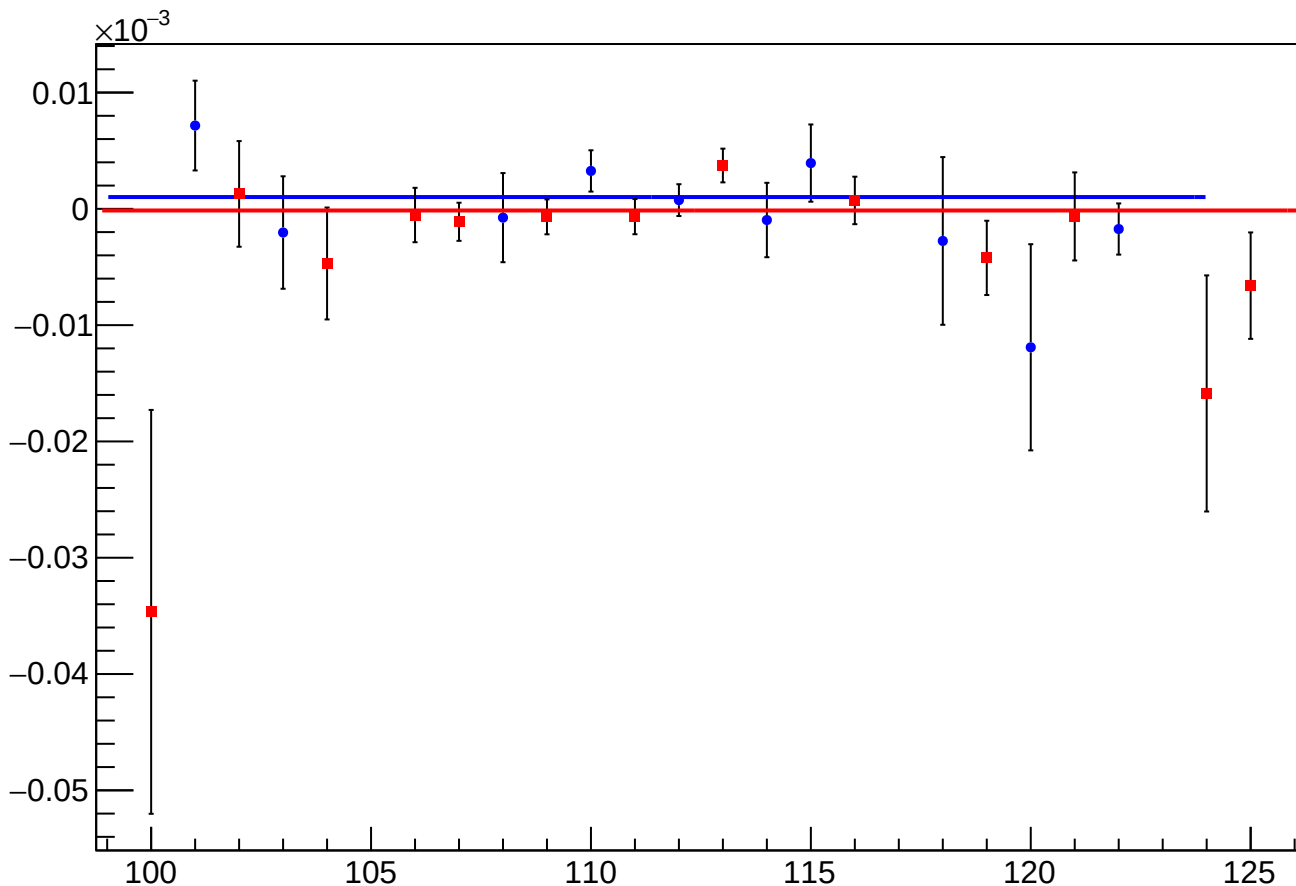
Right: 28.112+/-0.008 χ^2/NDF : 3493988.0/22

In: 30.911+/-0.013 χ^2/NDF : 936658.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.112+/-0.008 χ^2/NDF : 3493988.0/22

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 : 18.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

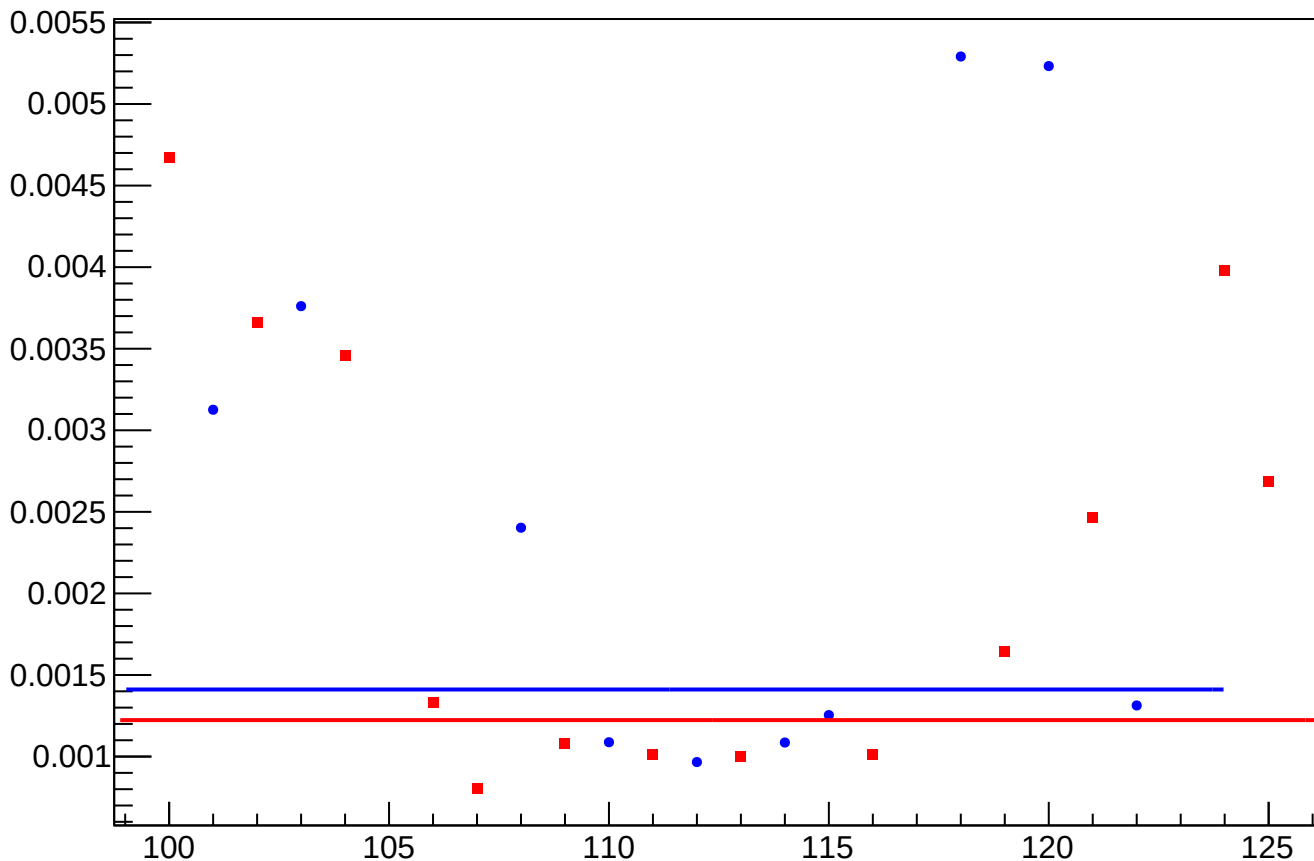
Right: 0.000+/-0.000 χ^2/NDF : 30.0/22

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 : 30.0/22

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 : 1947357.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

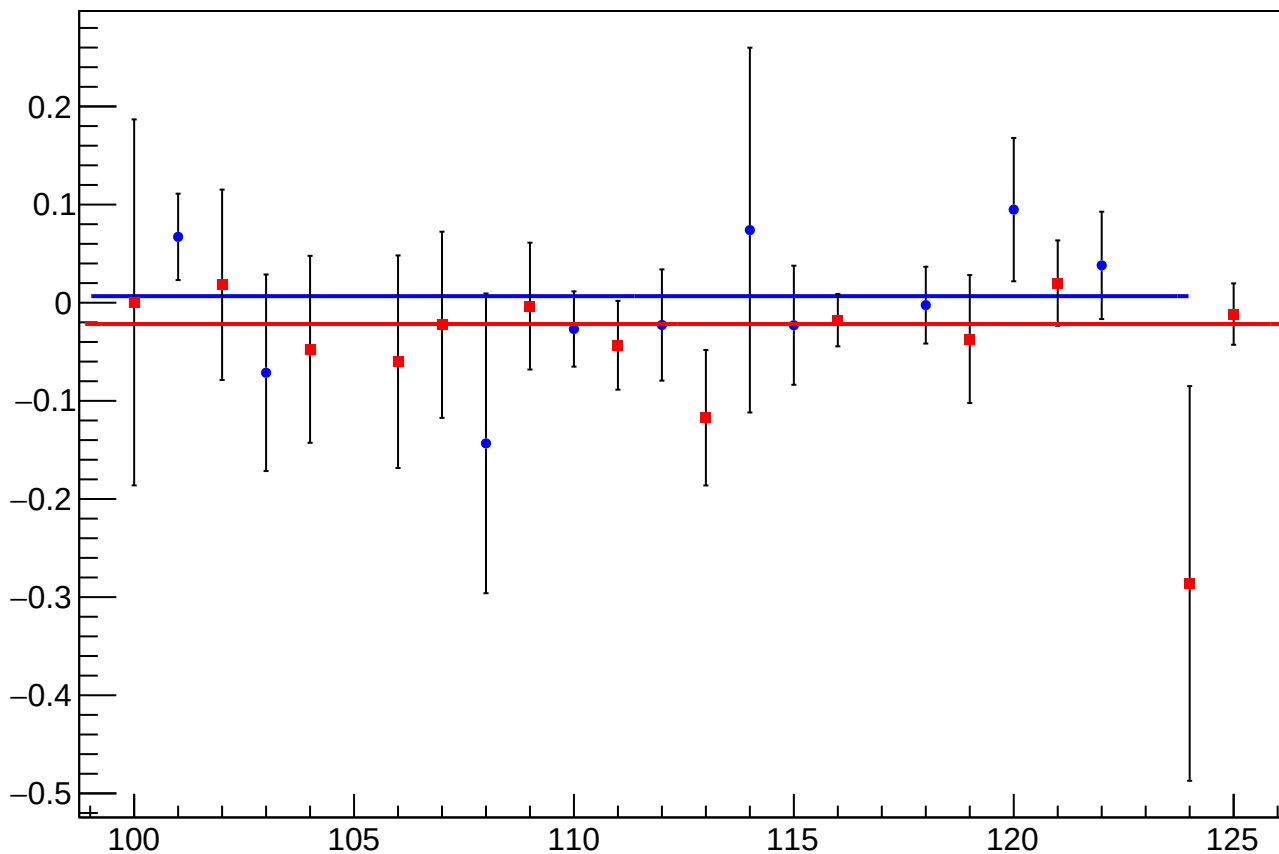
Right: 0.001+/-0.000 χ^2/NDF : 4270511.9/22

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 : 4270511.9/22

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: -0.022 $\pm$ 0.015 χ^2 /NDF: 5.4/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

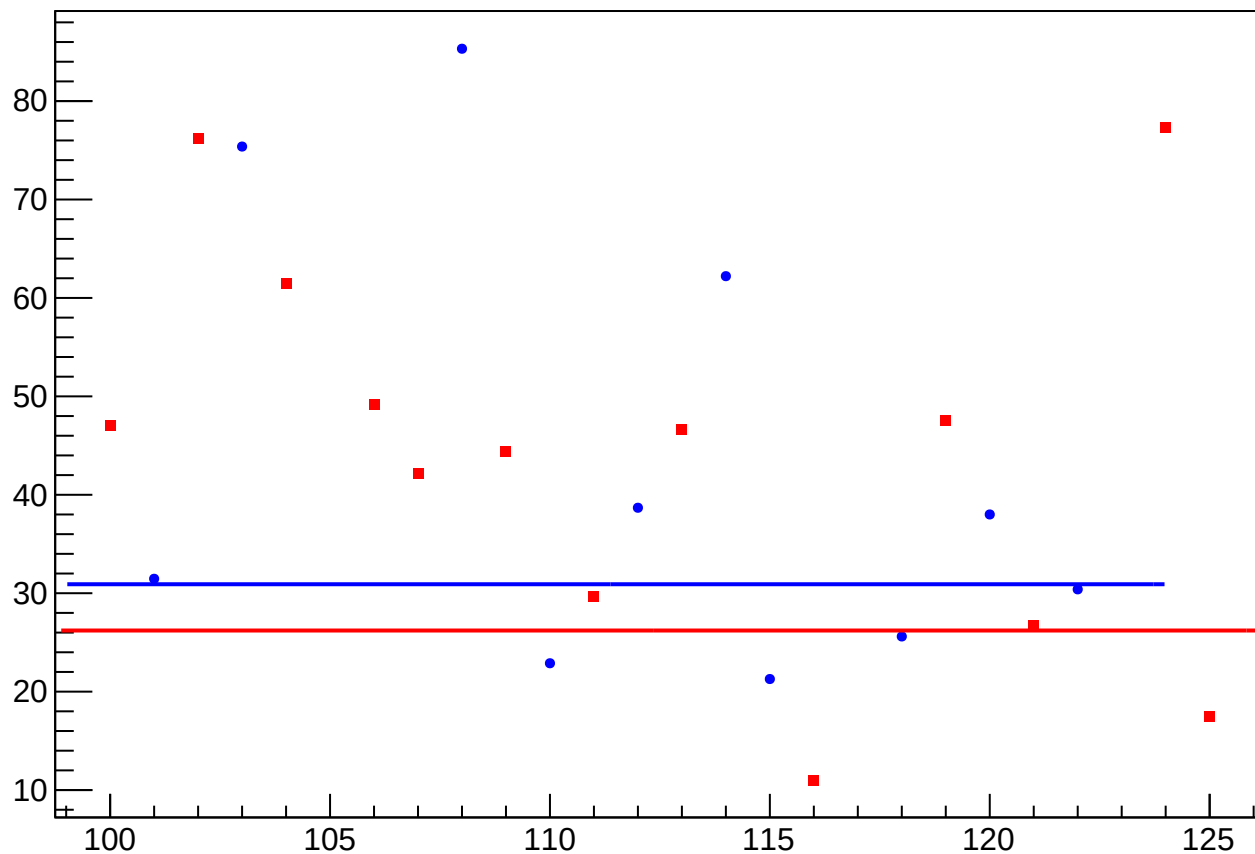
Right: -0.010 $\pm$ 0.011 χ^2 /NDF: 13.6/22

In: 0.007 $\pm$ 0.018 χ^2 /NDF:6.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.010 $\pm$ 0.011 χ^2 /NDF: 13.6/22

asym_sam_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.912 $\pm$ 0.013 χ^2 /NDF: 936627.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 26.211 $\pm$ 0.010 χ^2 /NDF: 2474899.9/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

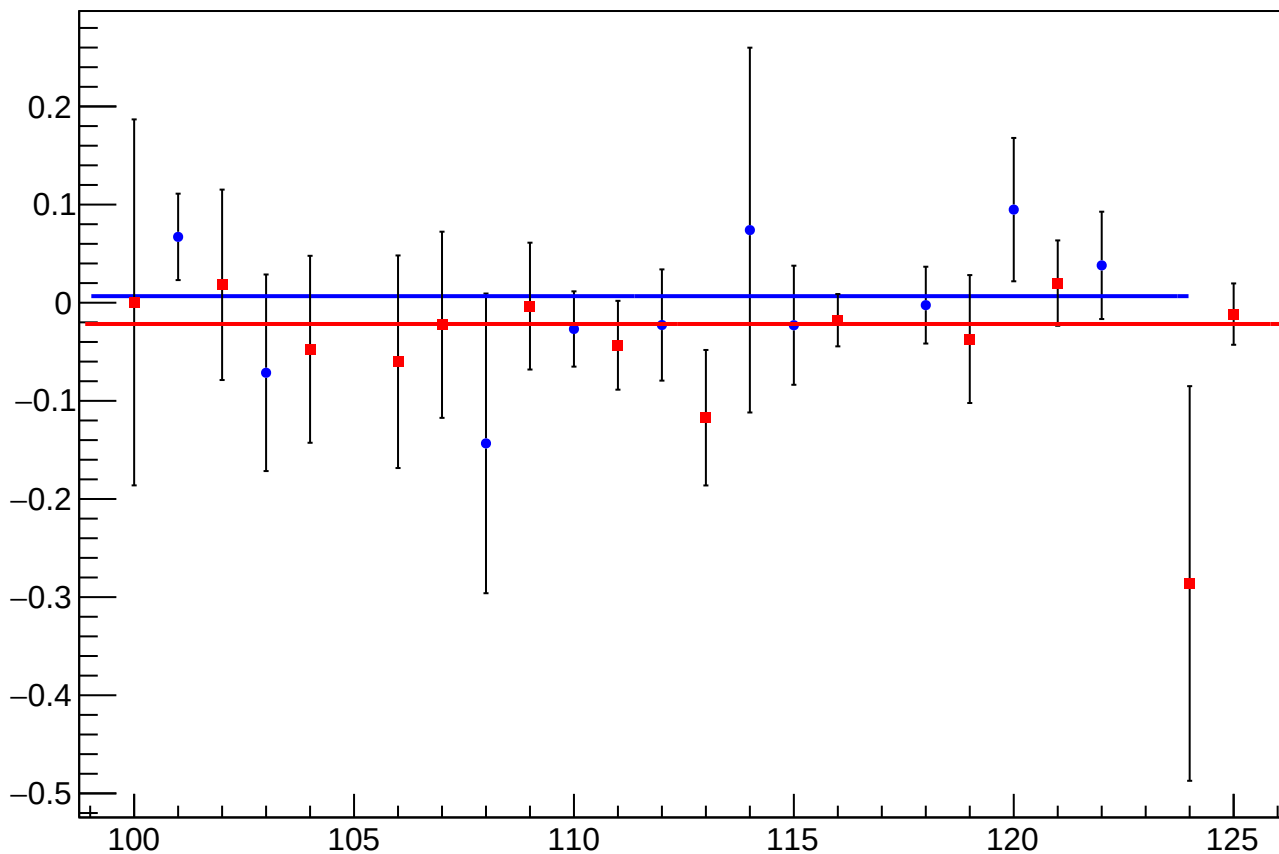
Right: 28.113 $\pm$ 0.008 χ^2 /NDF: 3493766.5/22

In: 30.912 $\pm$ 0.013 χ^2 /NDF:936627.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 28.113 $\pm$ 0.008 χ^2 /NDF: 3493766.5/22

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: -0.022+/-0.015 χ^2/NDF : 5.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

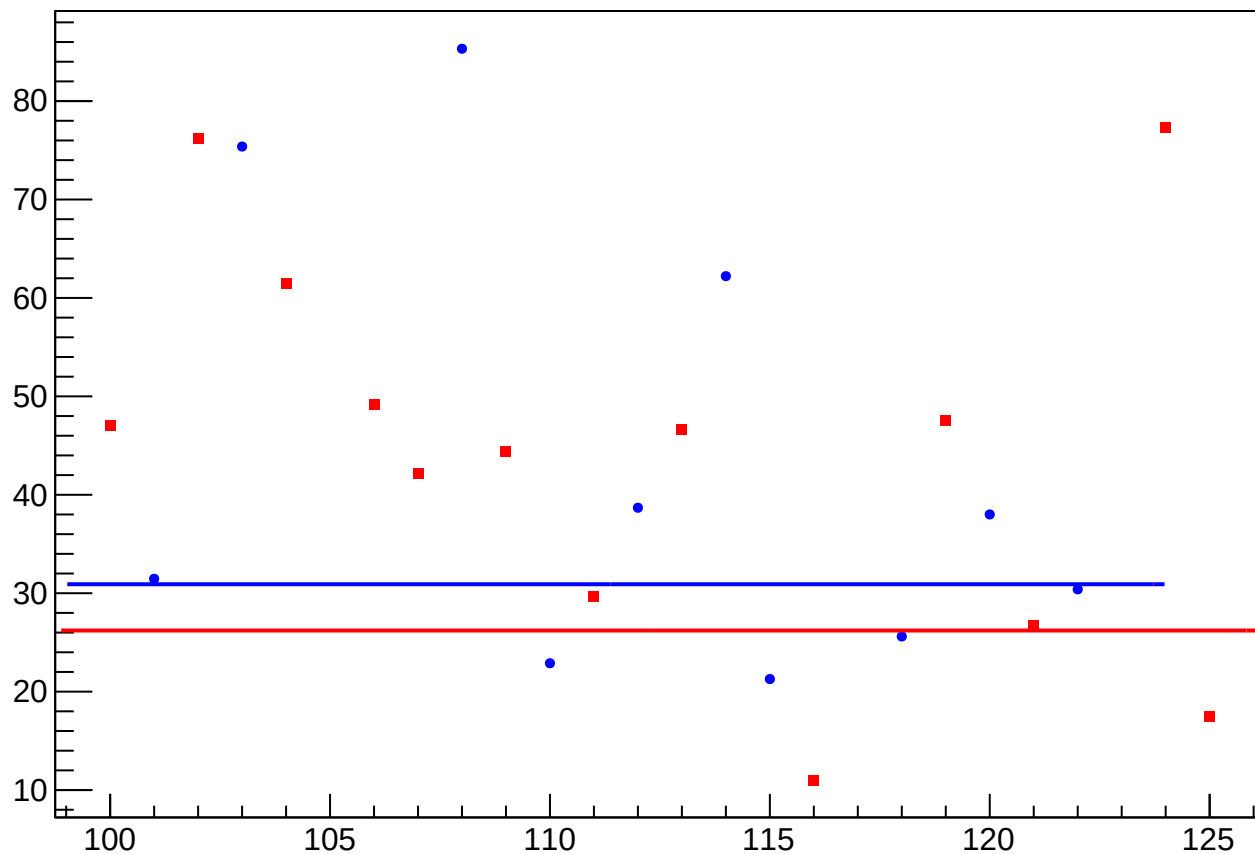
Right: -0.010+/-0.011 χ^2/NDF : 13.6/22

In: 0.007+/-0.018 χ^2/NDF : 6.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.011 χ^2/NDF : 13.6/22

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: 26.211+/-0.010 χ^2/NDF : 2474899.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

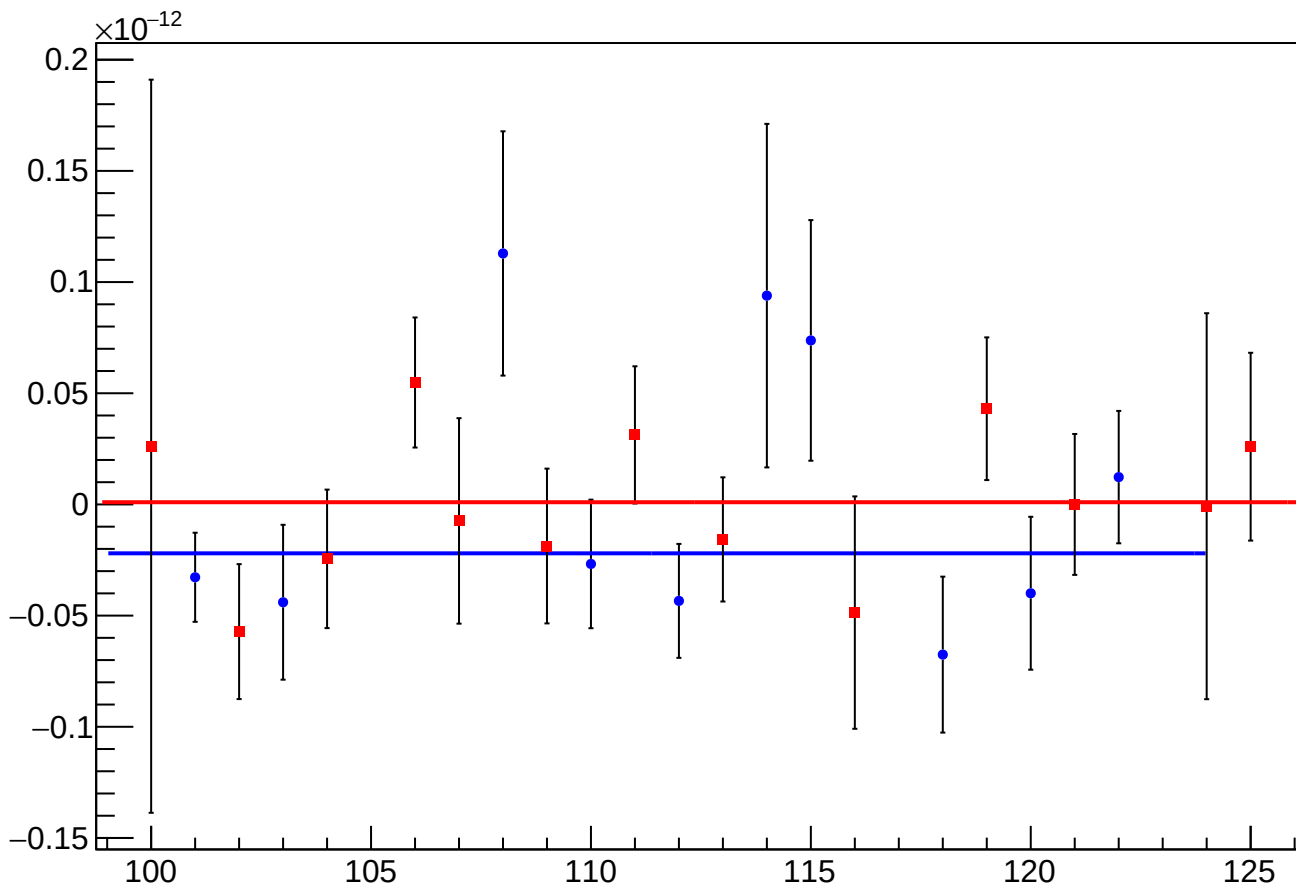
Right: 28.113+/-0.008 χ^2/NDF : 3493766.5/22

In: 30.912+/-0.013 χ^2/NDF : 936627.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.113+/-0.008 χ^2/NDF : 3493766.5/22

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 : 12.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

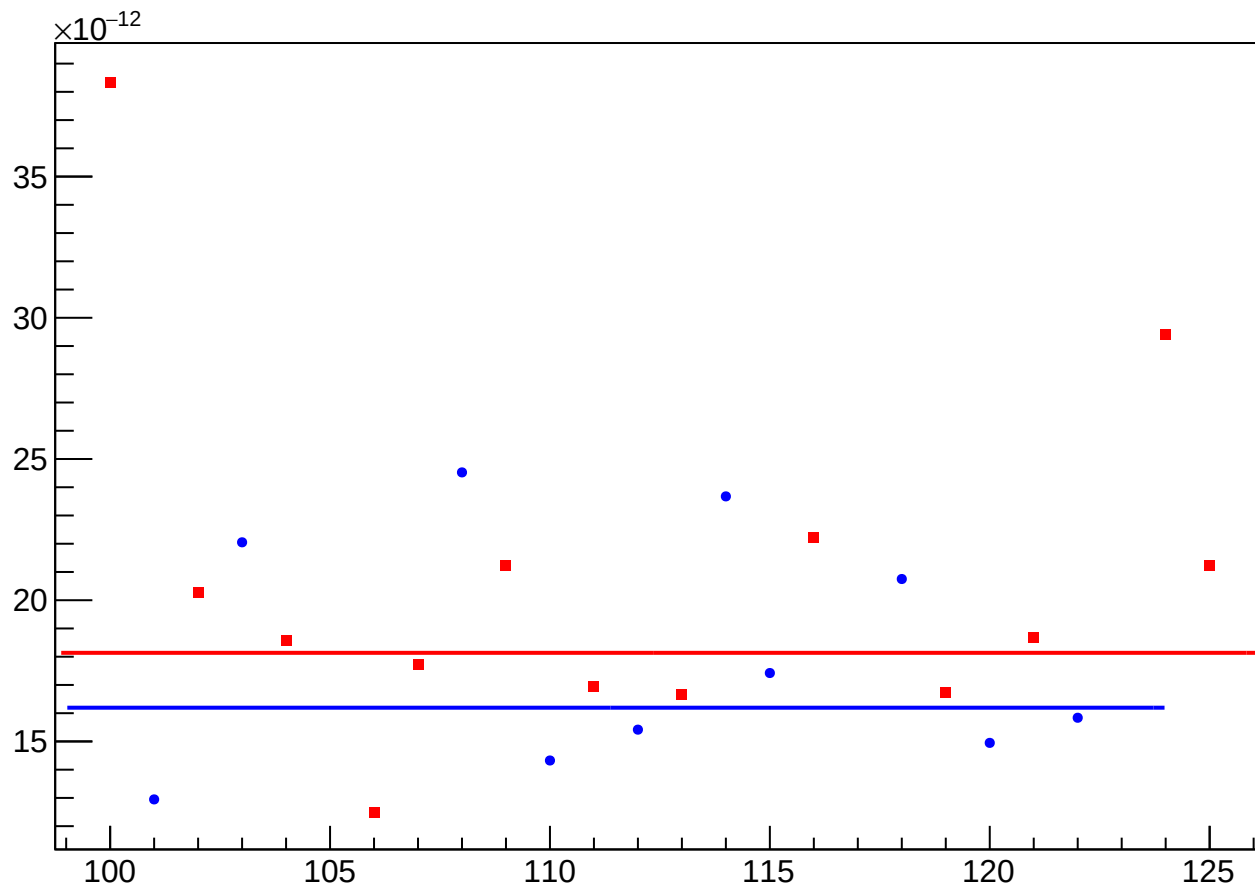
Right: -0.000+/-0.000 χ^2/NDF : 31.1/22

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 : 31.1/22

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 : 200564.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

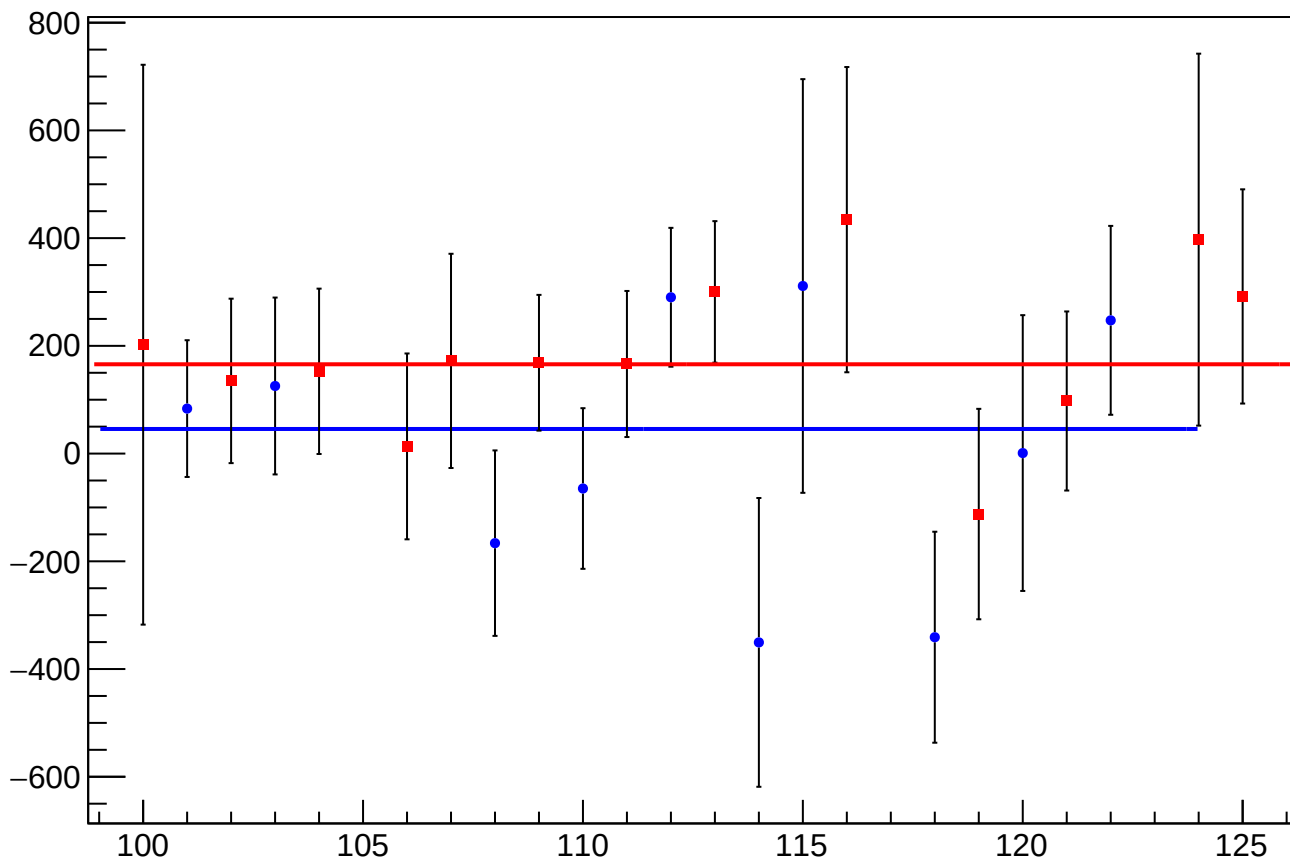
Right: 0.000+/-0.000 χ^2/NDF : 459407.5/22

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 : 459407.5/22

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: 165.802+/-48.123 χ^2/NDF : 5.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

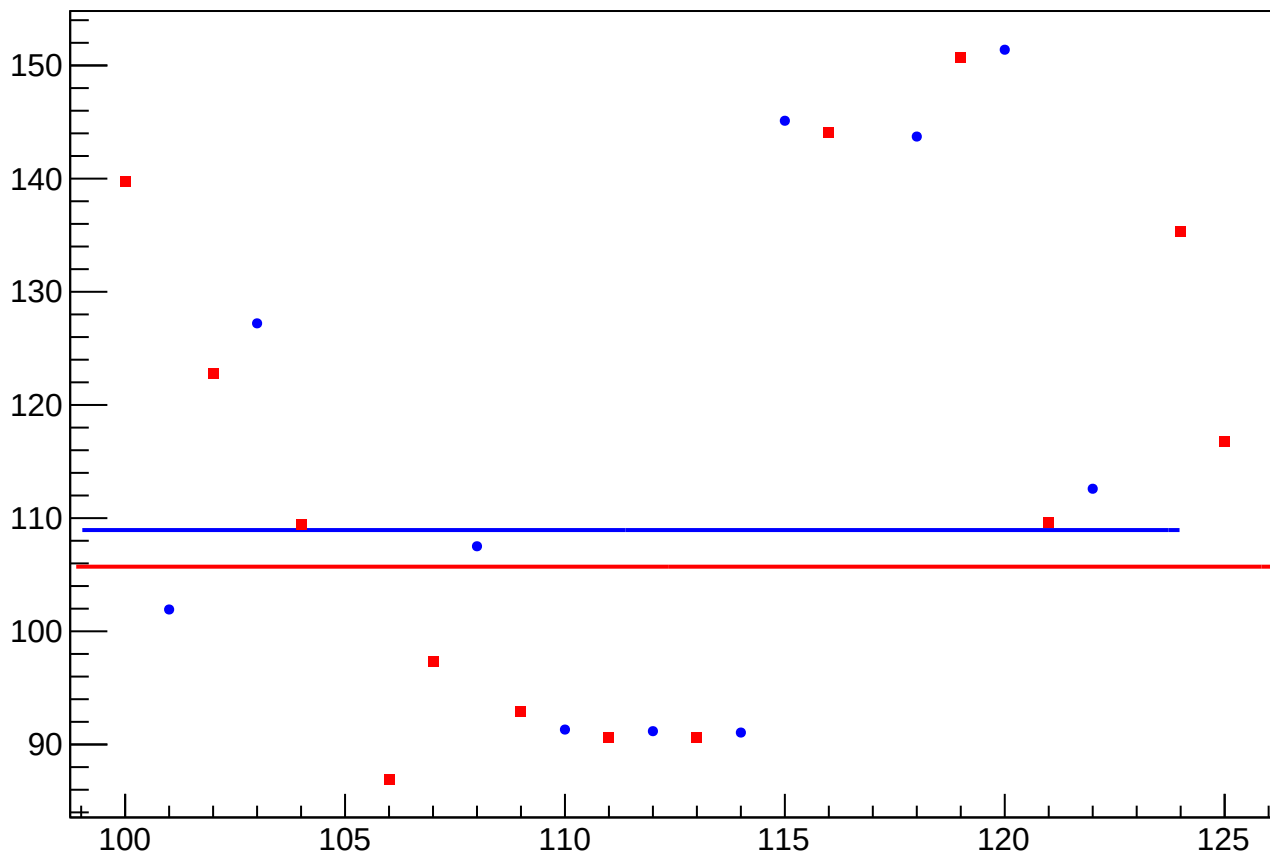
Right: 113.534+/-36.168 χ^2/NDF : 22.4/22

In: 45.678+/-54.831 χ^2/NDF : 13.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.534+/-36.168 χ^2/NDF : 22.4/22

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 108.947 $\pm$ 0.039 χ^2 /NDF: 242512.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 105.711 $\pm$ 0.034 χ^2 /NDF: 298758.6/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

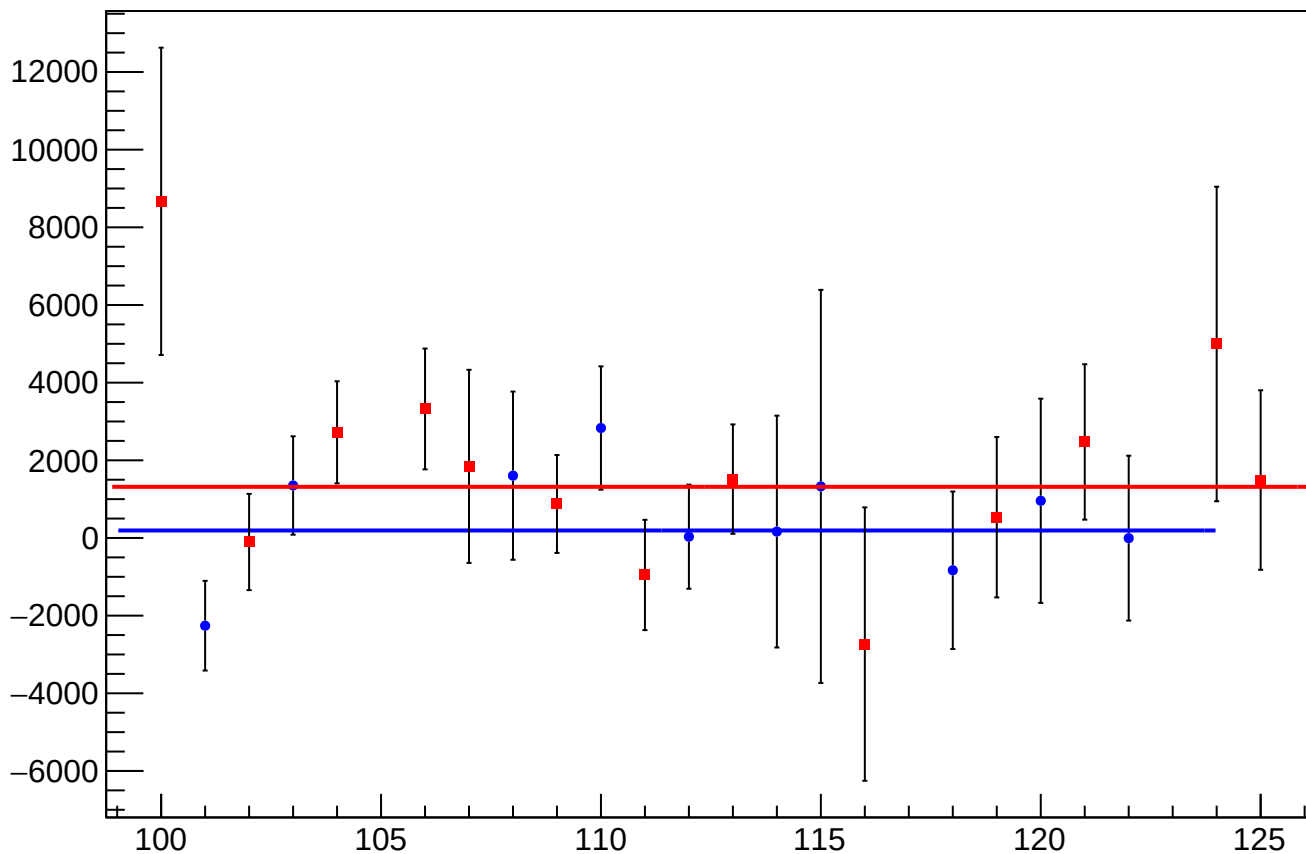
Right: 107.119 $\pm$ 0.026 χ^2 /NDF: 545205.8/22

In: 108.947 $\pm$ 0.039 χ^2 /NDF:242512.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 107.119 $\pm$ 0.026 χ^2 /NDF: 545205.8/22

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: 1317.562+/-481.637 χ^2/NDF : 12.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

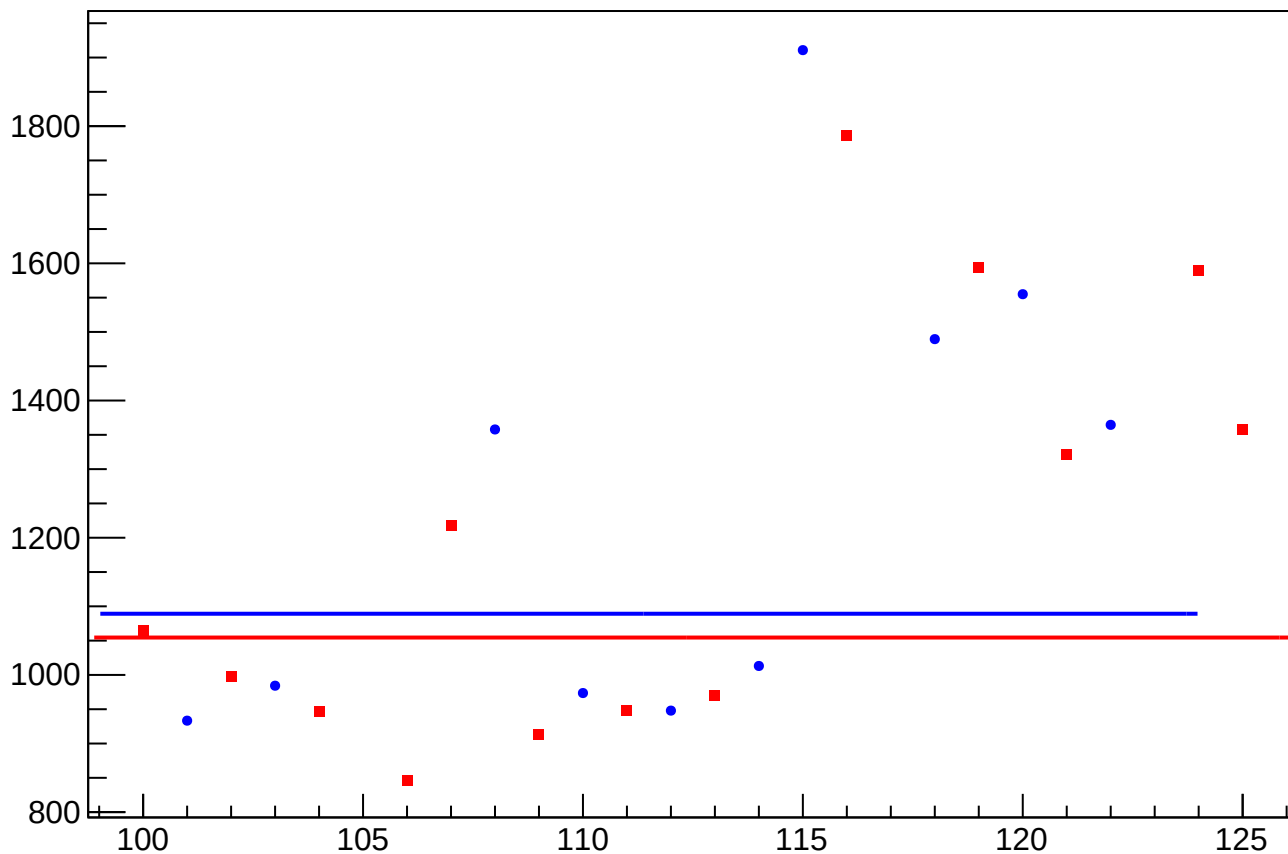
Right: 829.837+/-362.486 χ^2/NDF : 24.2/22

In: 192.671+/-550.502 χ^2/NDF : 8.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 829.837+/-362.486 χ^2/NDF : 24.2/22

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: 1054.500+/-0.341 χ^2/NDF : 432757.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

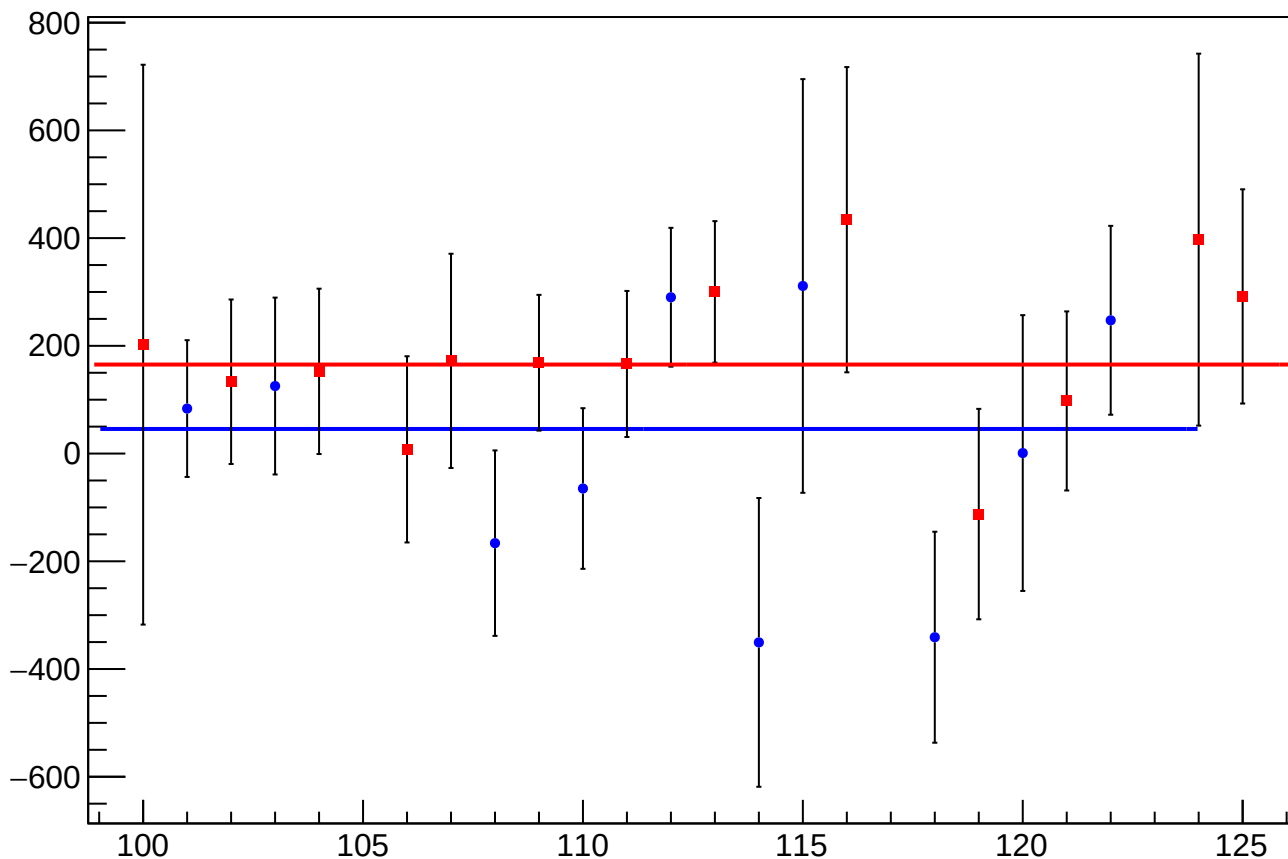
Right: 1069.542+/-0.256 χ^2/NDF : 779301.5/22

In: 1089.194+/-0.389 χ^2/NDF :342044.6/9

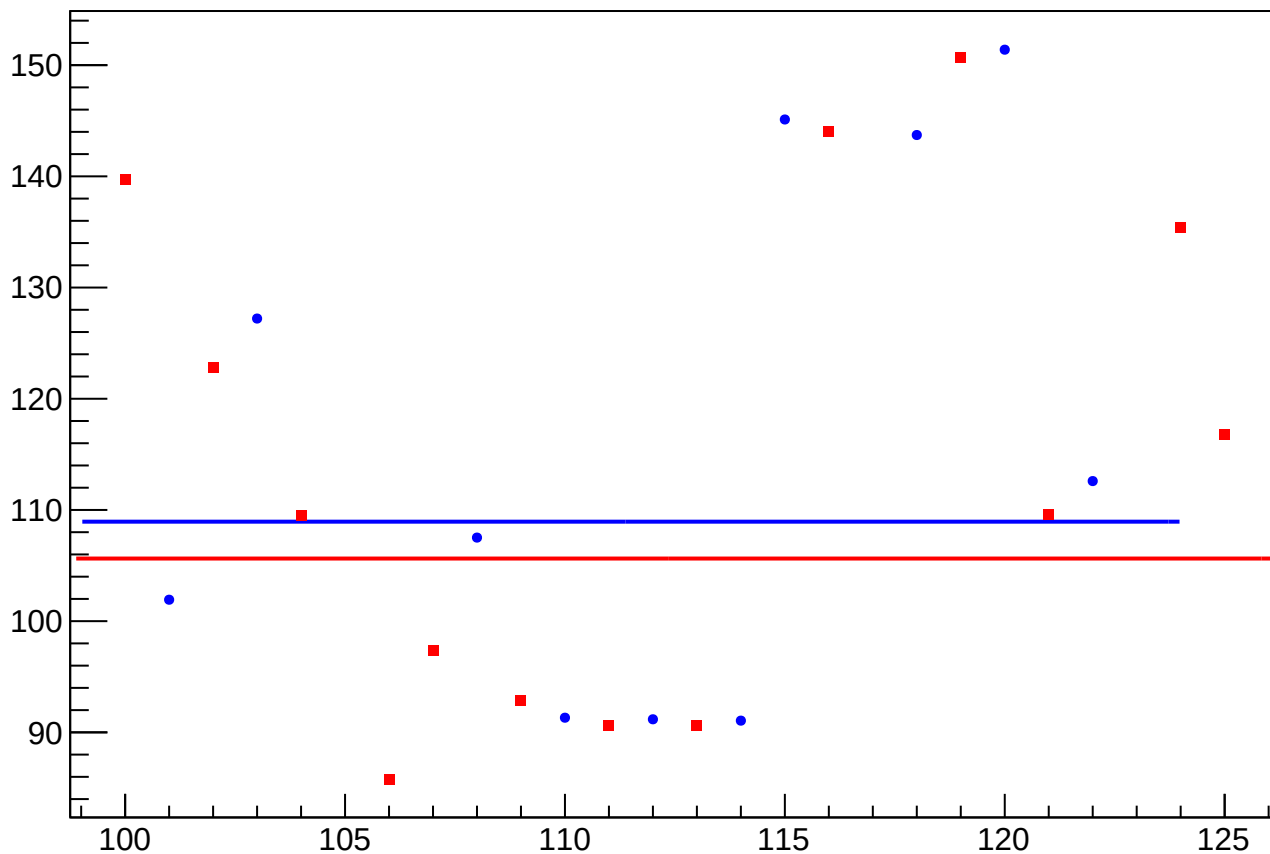
Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1069.542+/-0.256 χ^2/NDF : 779301.5/22

cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



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: 105.631 $\pm$ 0.034 χ^2 /NDF: 301752.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

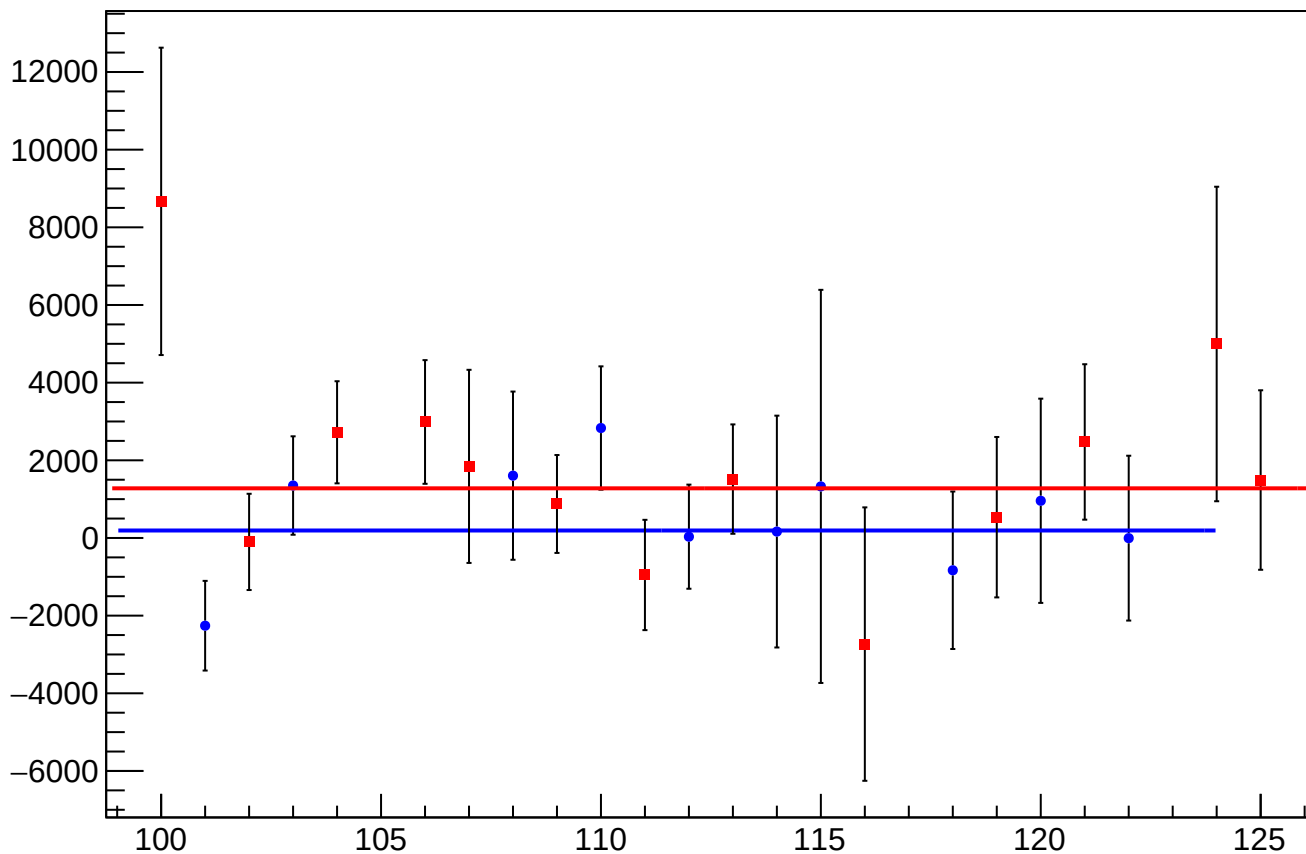
Right: 107.074 $\pm$ 0.026 χ^2 /NDF: 548396.8/22

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: 107.074 $\pm$ 0.026 χ^2 /NDF: 548396.8/22

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: 1278.572+/-482.723 χ^2/NDF : 12.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

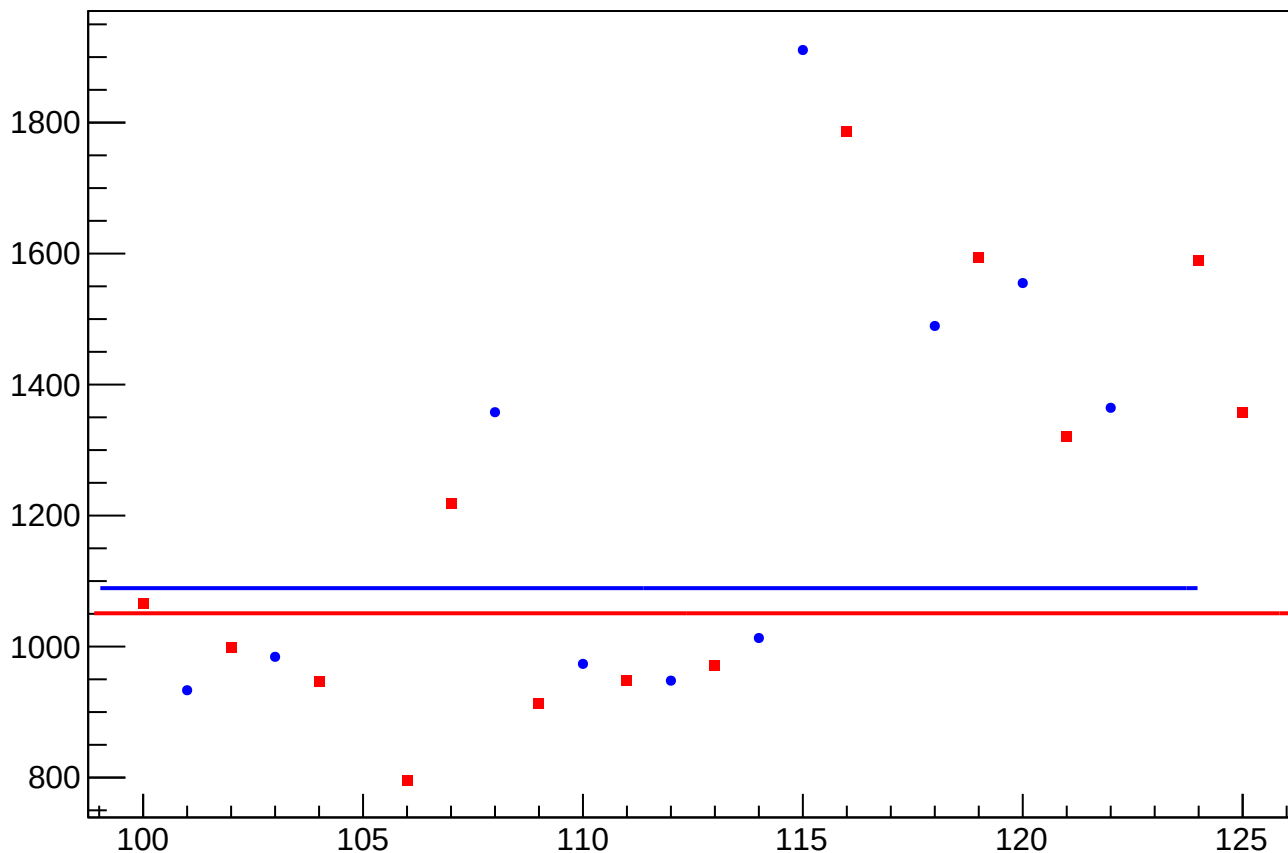
Right: 806.495+/-362.950 χ^2/NDF : 23.5/22

In: 192.530+/-550.508 χ^2/NDF : 8.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 806.495+/-362.950 χ^2/NDF : 23.5/22

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: 1050.827+/-0.341 χ^2/NDF : 449533.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

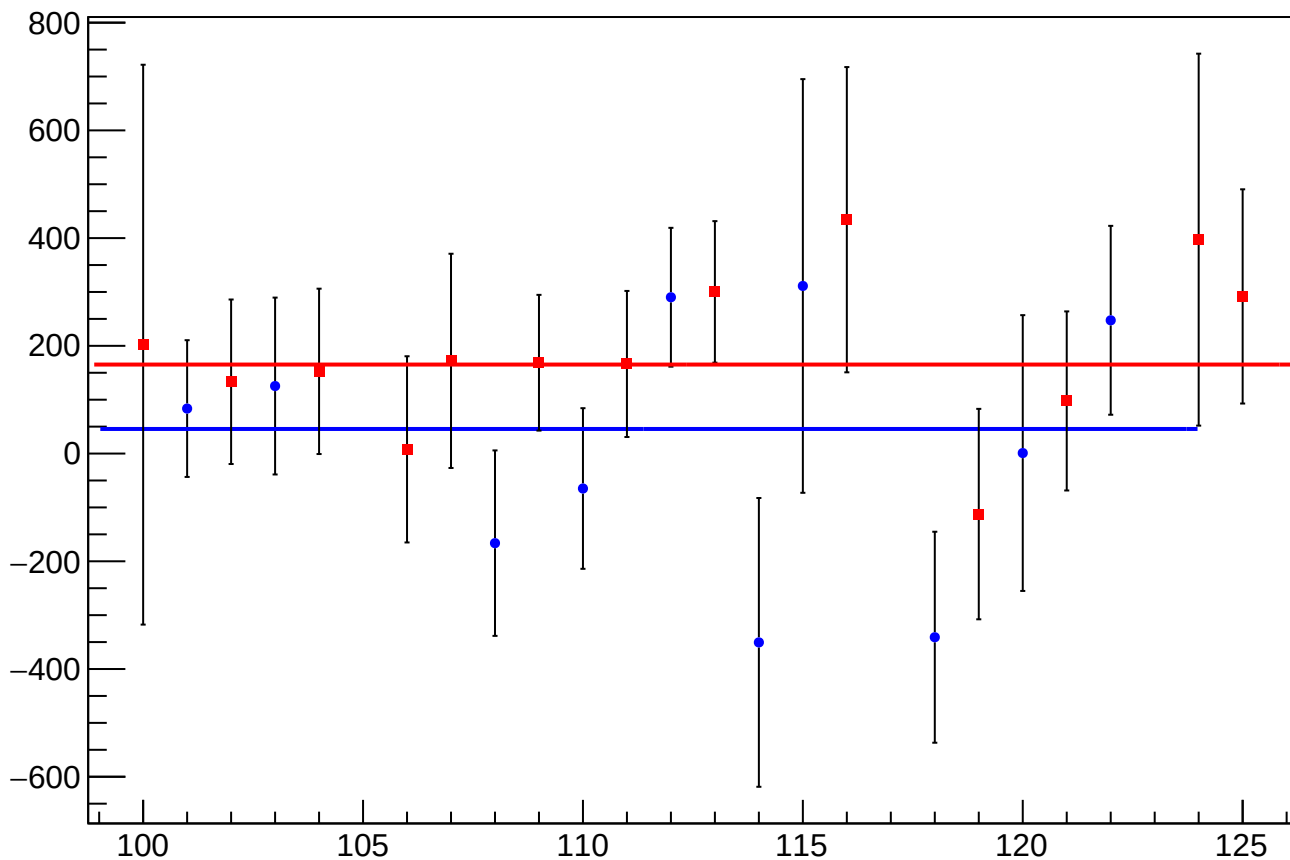
Right: 1067.510+/-0.257 χ^2/NDF : 797055.1/22

In: 1089.208+/-0.389 χ^2/NDF : 342026.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1067.510+/-0.257 χ^2/NDF : 797055.1/22

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: 165.245+/-48.132 χ^2/NDF : 5.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

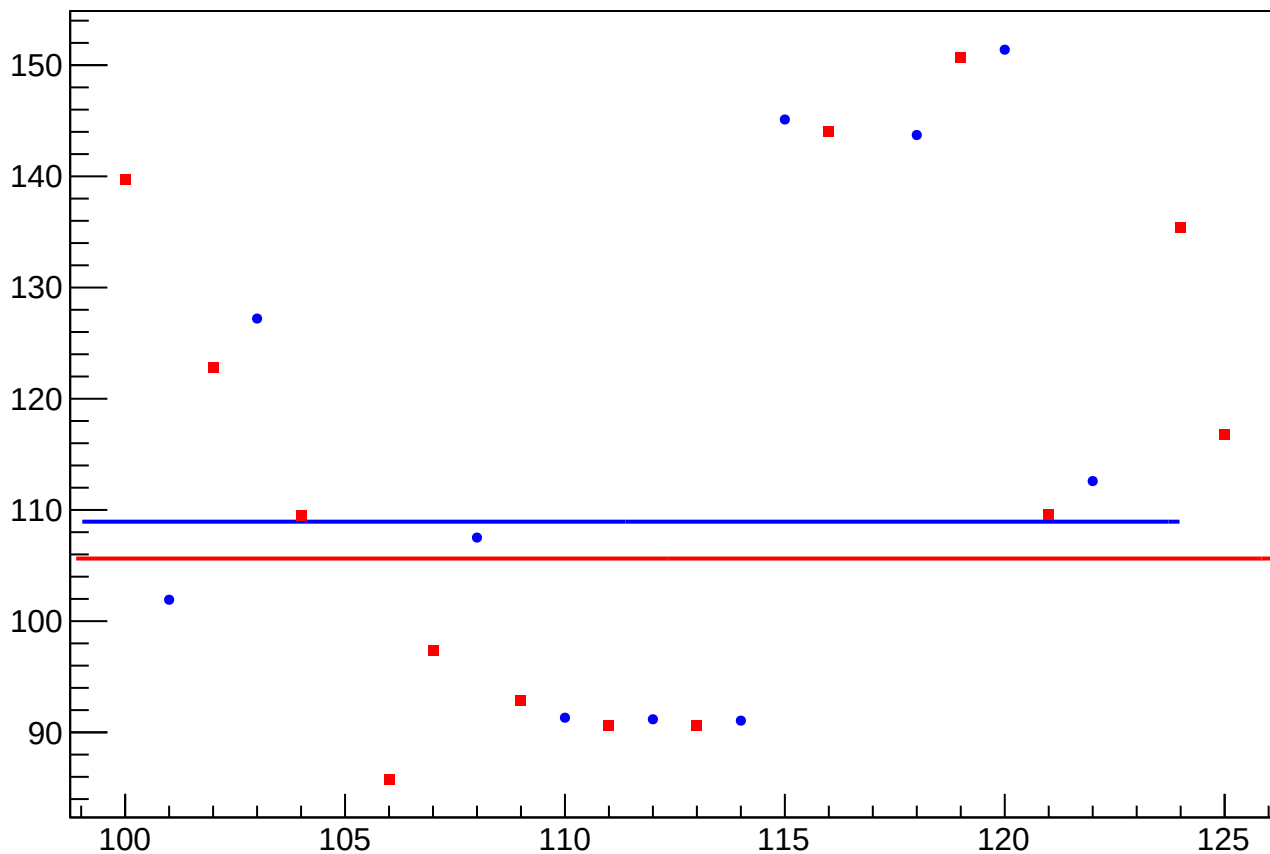
Right: 113.198+/-36.172 χ^2/NDF : 22.5/22

In: 45.657+/-54.831 χ^2/NDF : 13.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.198+/-36.172 χ^2/NDF : 22.5/22

eigen_cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 108.947 $\pm$ 0.039 χ^2 /NDF: 242514.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 105.631 $\pm$ 0.034 χ^2 /NDF: 301752.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

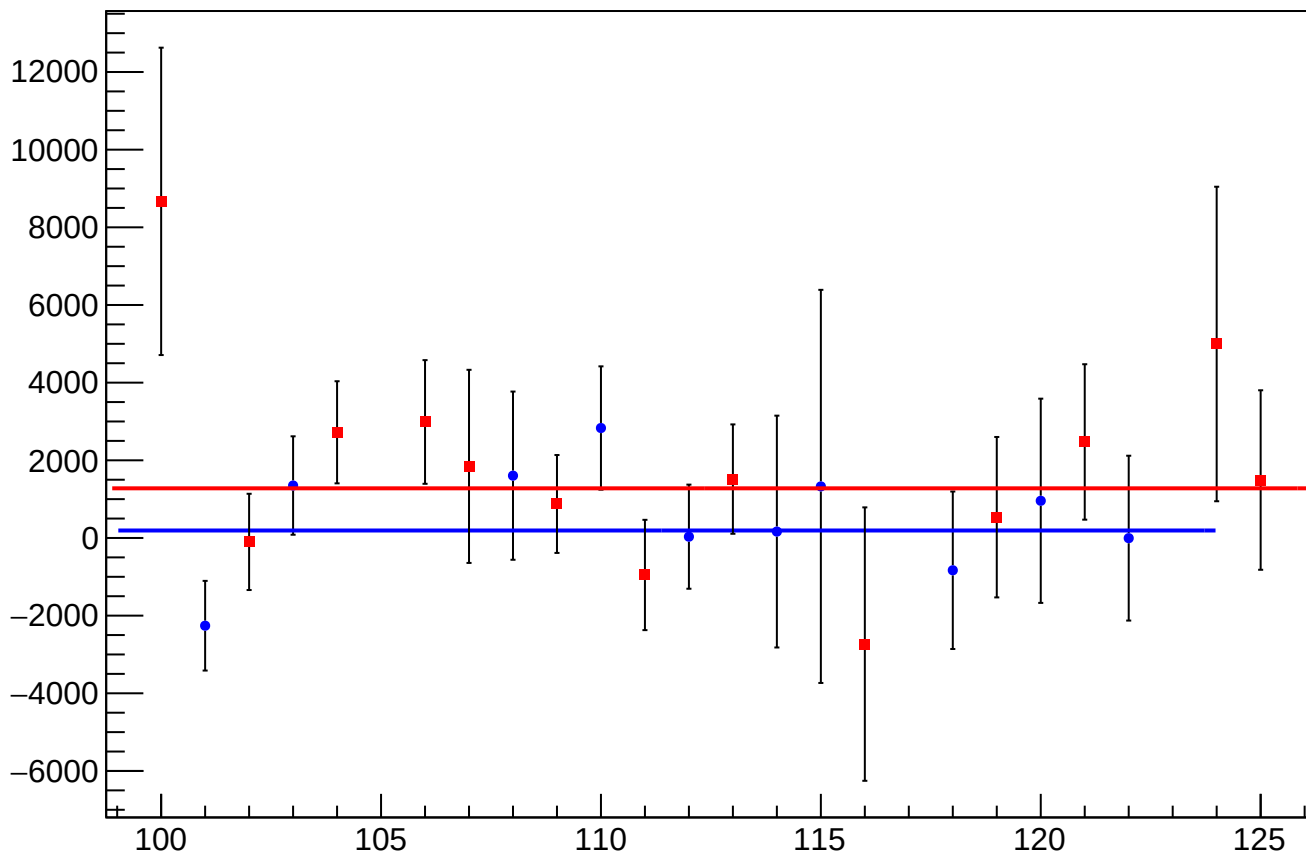
Right: 107.074 $\pm$ 0.026 χ^2 /NDF: 548396.8/22

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: 107.074 $\pm$ 0.026 χ^2 /NDF: 548396.8/22

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: 1278.572+/-482.723 χ^2/NDF : 12.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

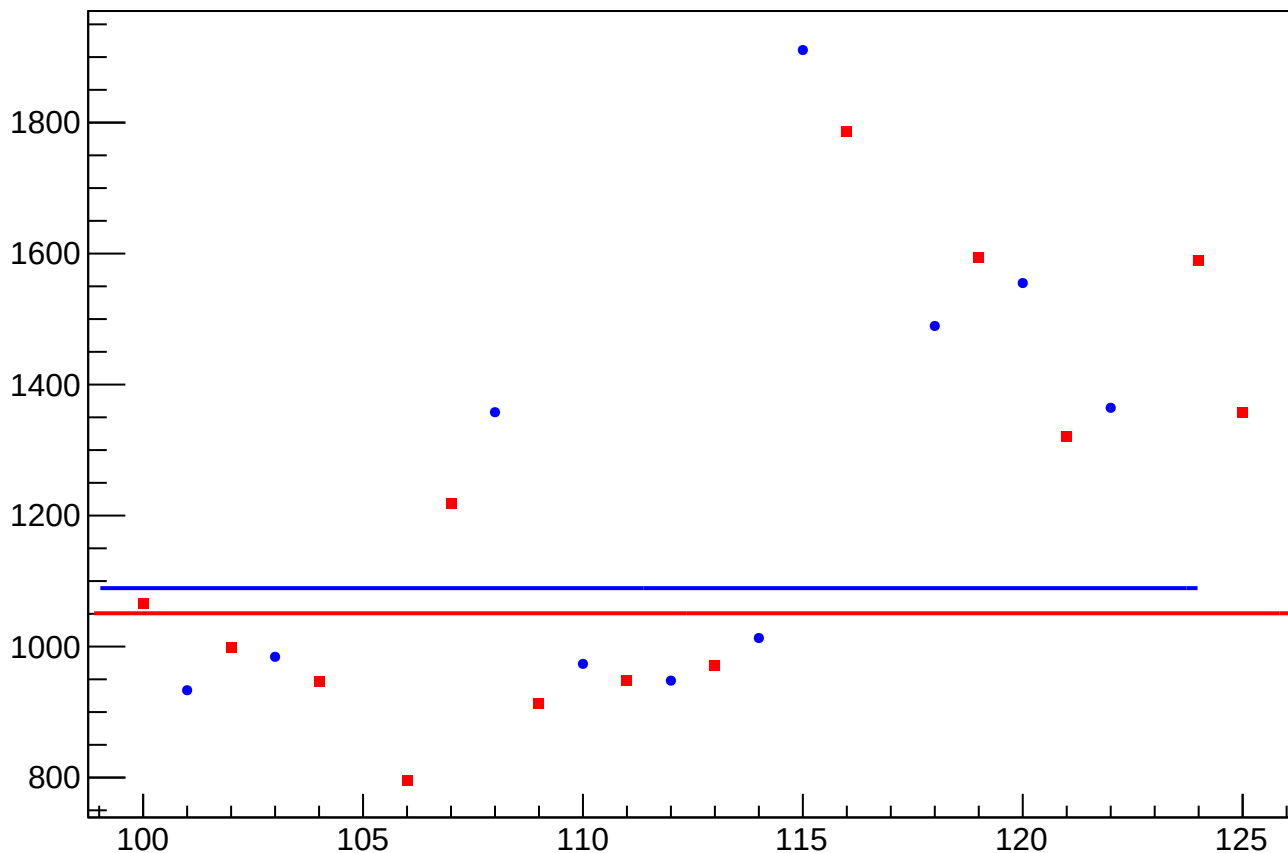
Right: 806.495+/-362.950 χ^2/NDF : 23.5/22

In: 192.530+/-550.508 χ^2/NDF : 8.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 806.495+/-362.950 χ^2/NDF : 23.5/22

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: 1050.827+/-0.341 χ^2/NDF : 449533.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

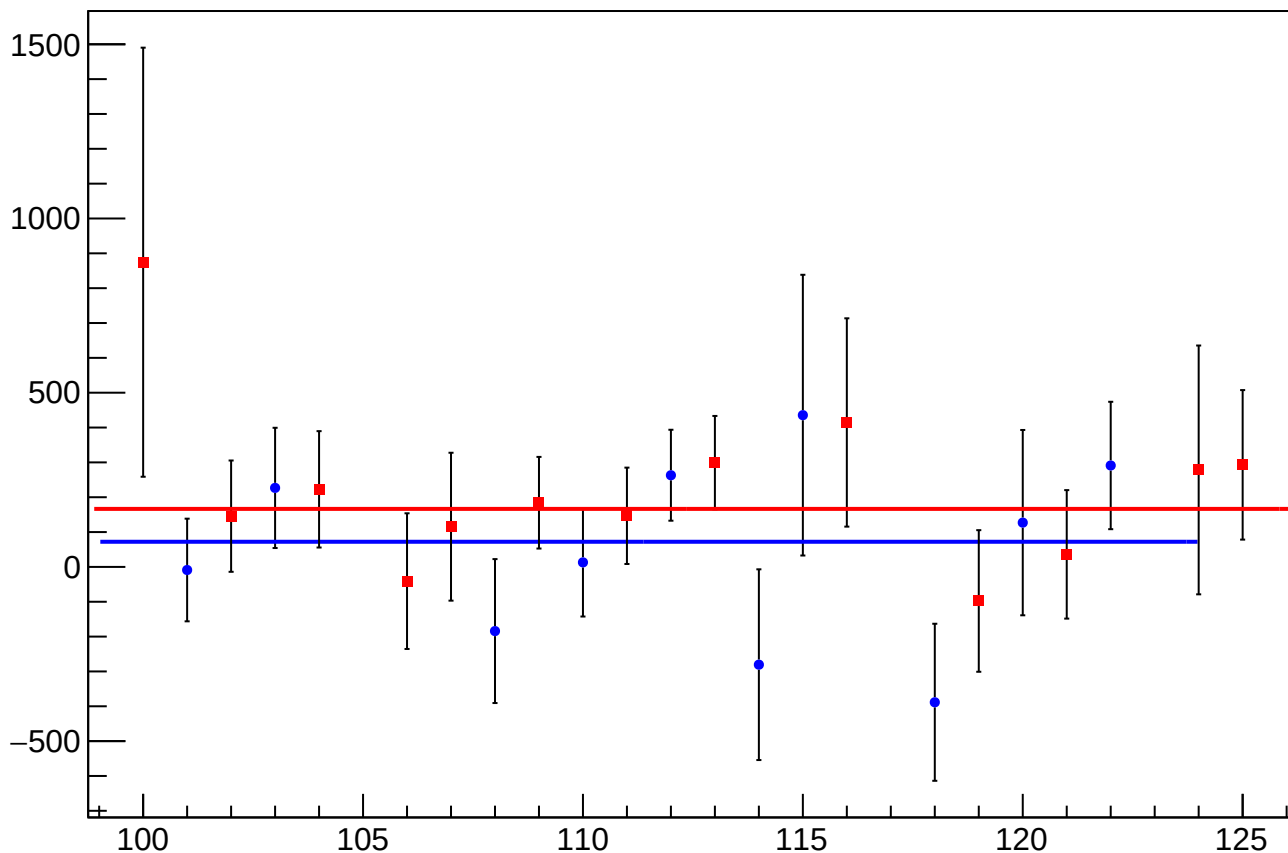
Right: 1067.510+/-0.257 χ^2/NDF : 797055.1/22

In: 1089.208+/-0.389 χ^2/NDF : 342026.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1067.510+/-0.257 χ^2/NDF : 797055.1/22

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: 166.517+/-50.869 χ^2/NDF : 7.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

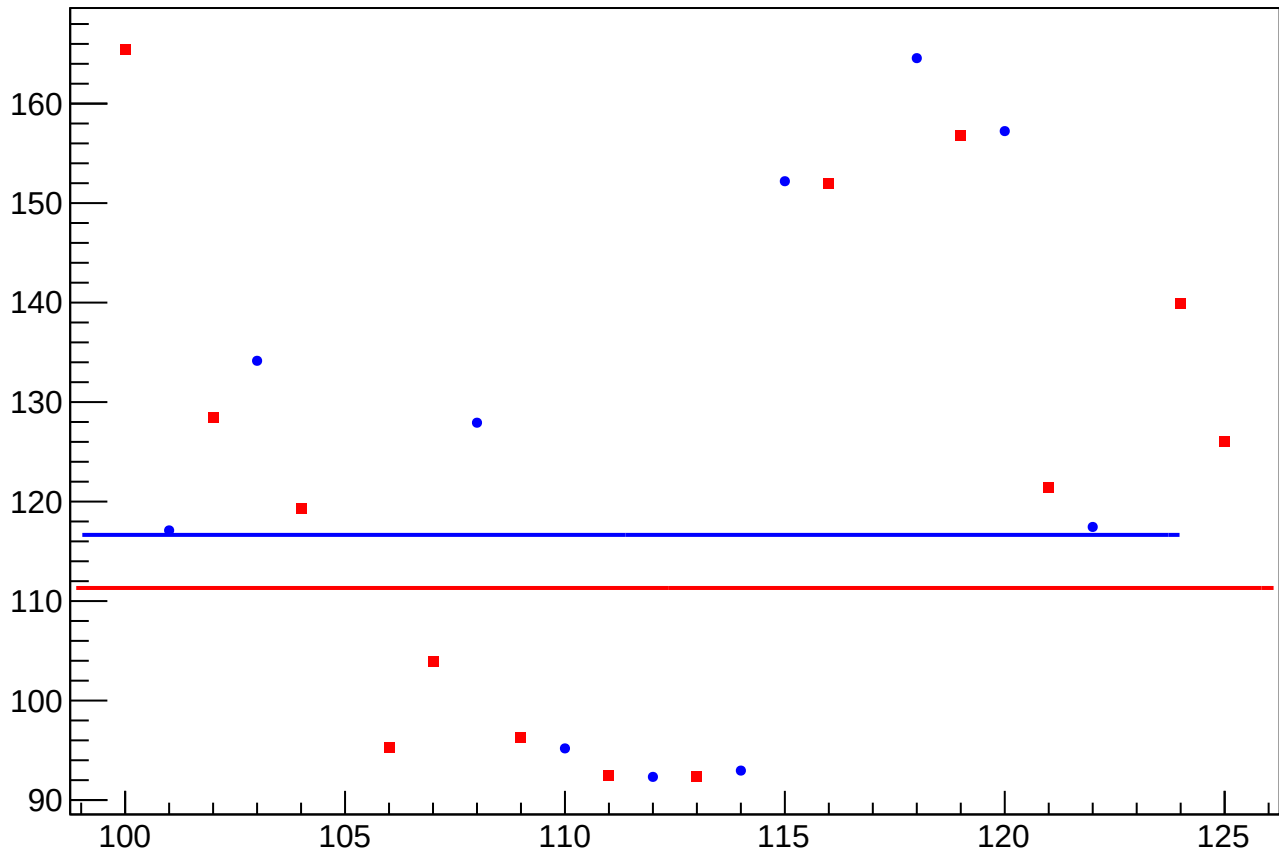
Right: 126.359+/-38.549 χ^2/NDF : 21.5/22

In: 72.190+/-59.081 χ^2/NDF : 13.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.359+/-38.549 χ^2/NDF : 21.5/22

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: 111.317 $\pm$ 0.036 χ^2 /NDF: 327736.8/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

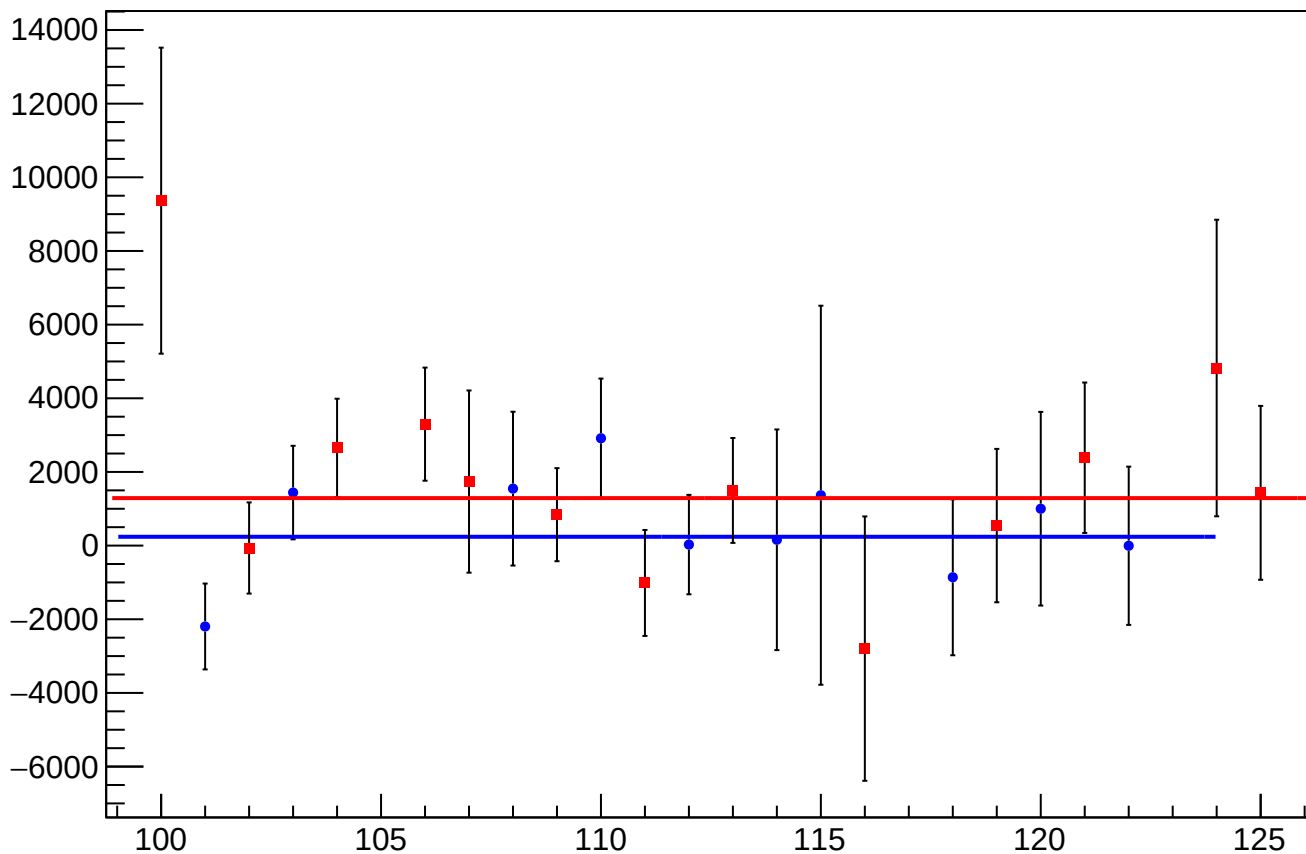
Right: 113.588 $\pm$ 0.027 χ^2 /NDF: 638842.6/22

In: 116.653 $\pm$ 0.042 χ^2 /NDF:301737.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 113.588 $\pm$ 0.027 χ^2 /NDF: 638842.6/22

asym_sam_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 239.805 $\pm$ 554.780 χ^2 /NDF: 8.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1289.491 $\pm$ 484.970 χ^2 /NDF: 13.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

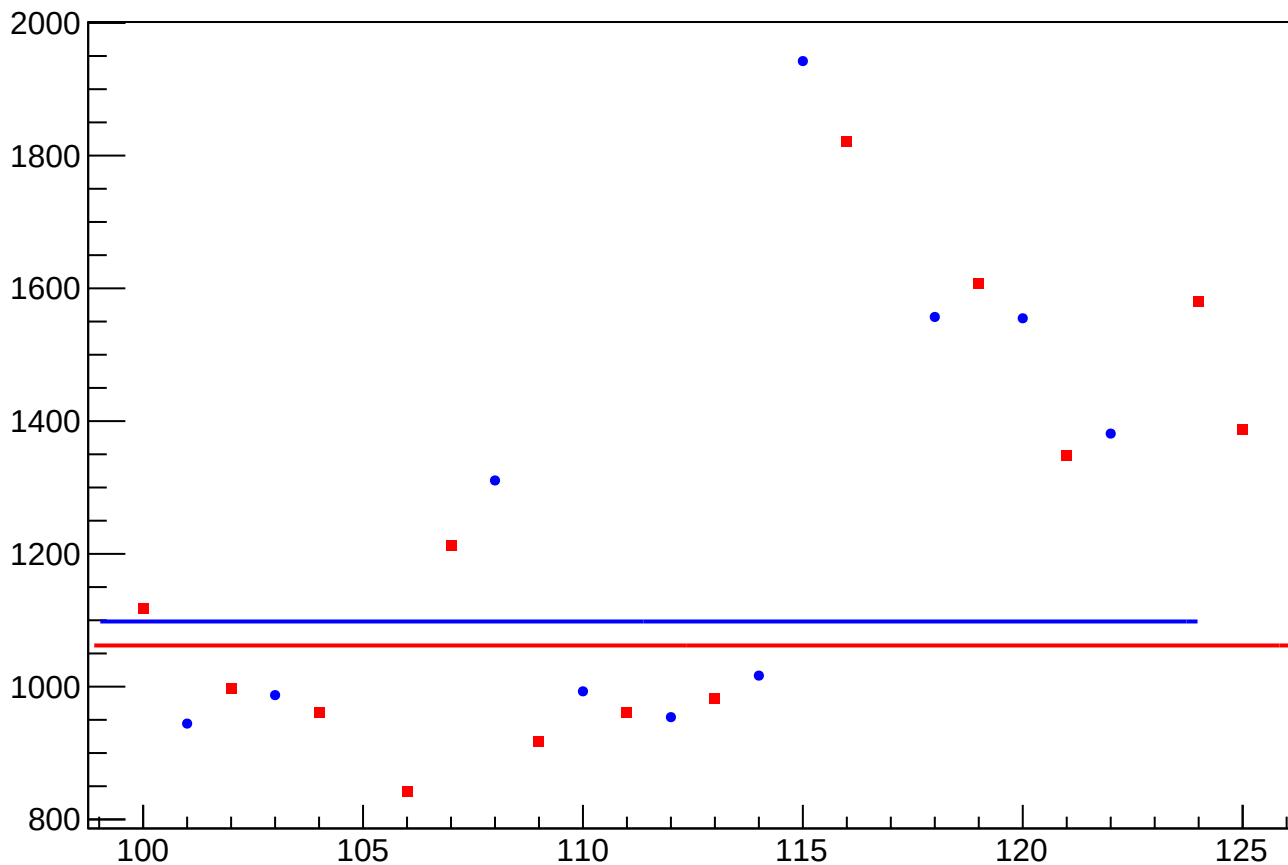
Right: 834.810 $\pm$ 365.128 χ^2 /NDF: 23.8/22

In: 239.805 $\pm$ 554.780 χ^2 /NDF:8.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 834.810 $\pm$ 365.128 χ^2 /NDF: 23.8/22

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: 1062.049+/-0.343 χ^2/NDF : 444661.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

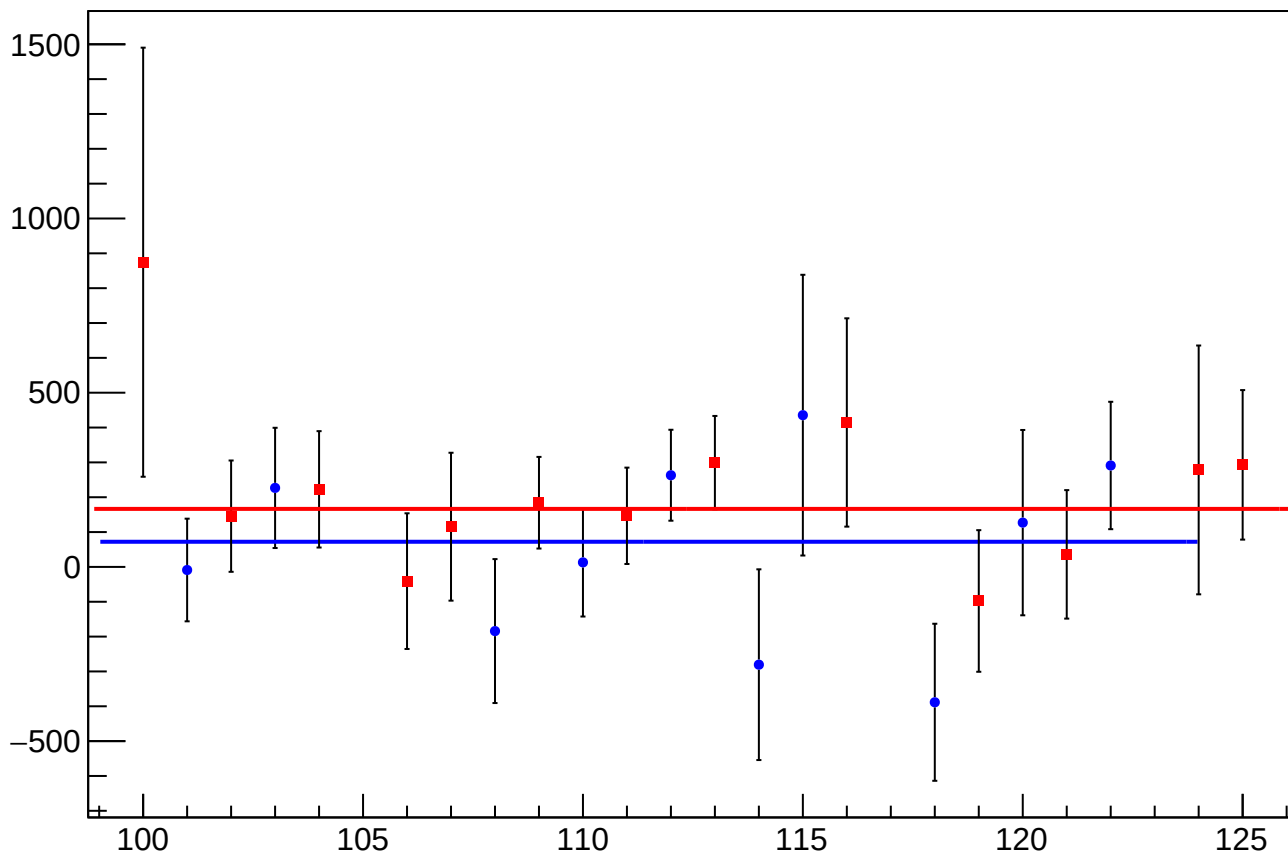
Right: 1077.699+/-0.258 χ^2/NDF : 795725.0/22

In: 1098.179+/-0.392 χ^2/NDF : 346255.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1077.699+/-0.258 χ^2/NDF : 795725.0/22

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: 166.516+/-50.869 χ^2/NDF : 7.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

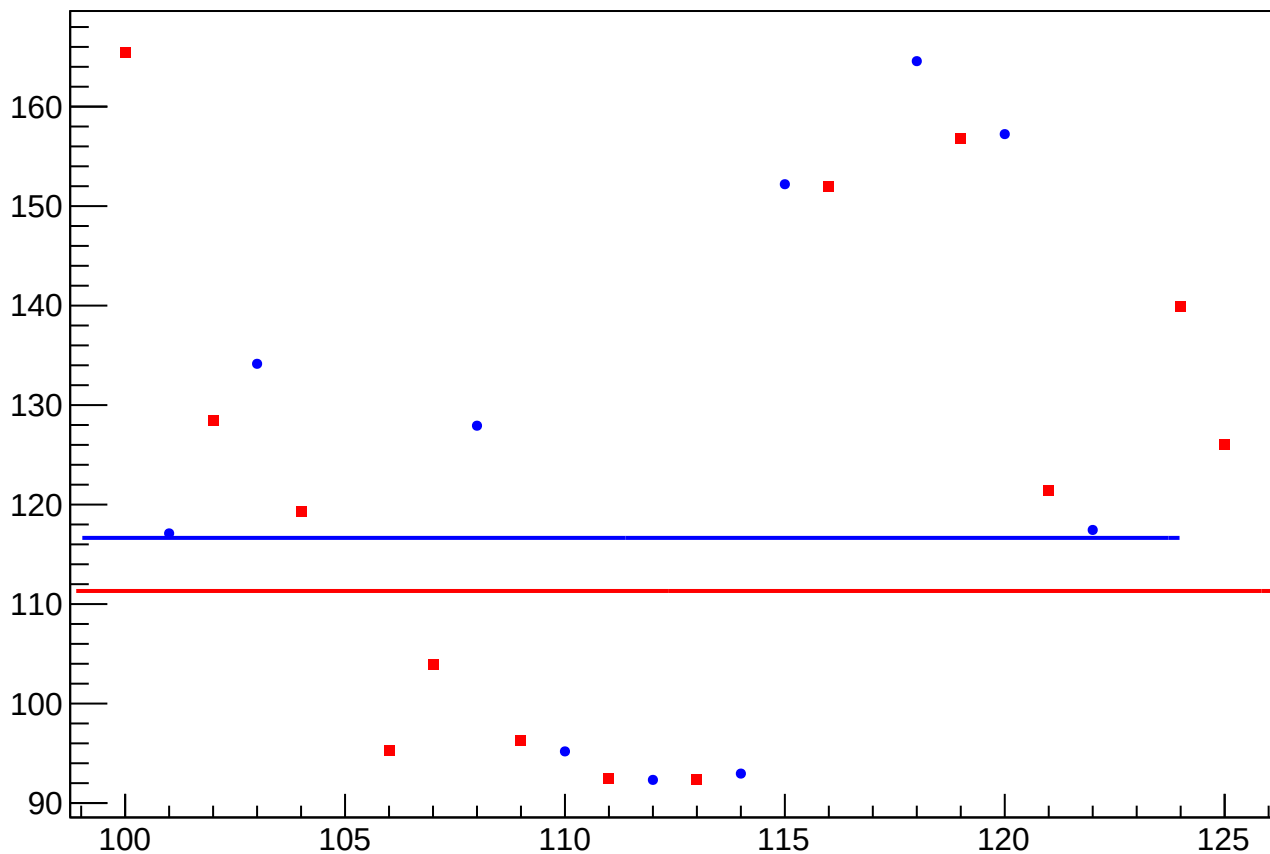
Right: 126.358+/-38.549 χ^2/NDF : 21.5/22

In: 72.189+/-59.081 χ^2/NDF : 13.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.358+/-38.549 χ^2/NDF : 21.5/22

eigen_dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 116.653 $\pm$ 0.042 χ^2 /NDF: 301741.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 111.317 $\pm$ 0.036 χ^2 /NDF: 327738.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

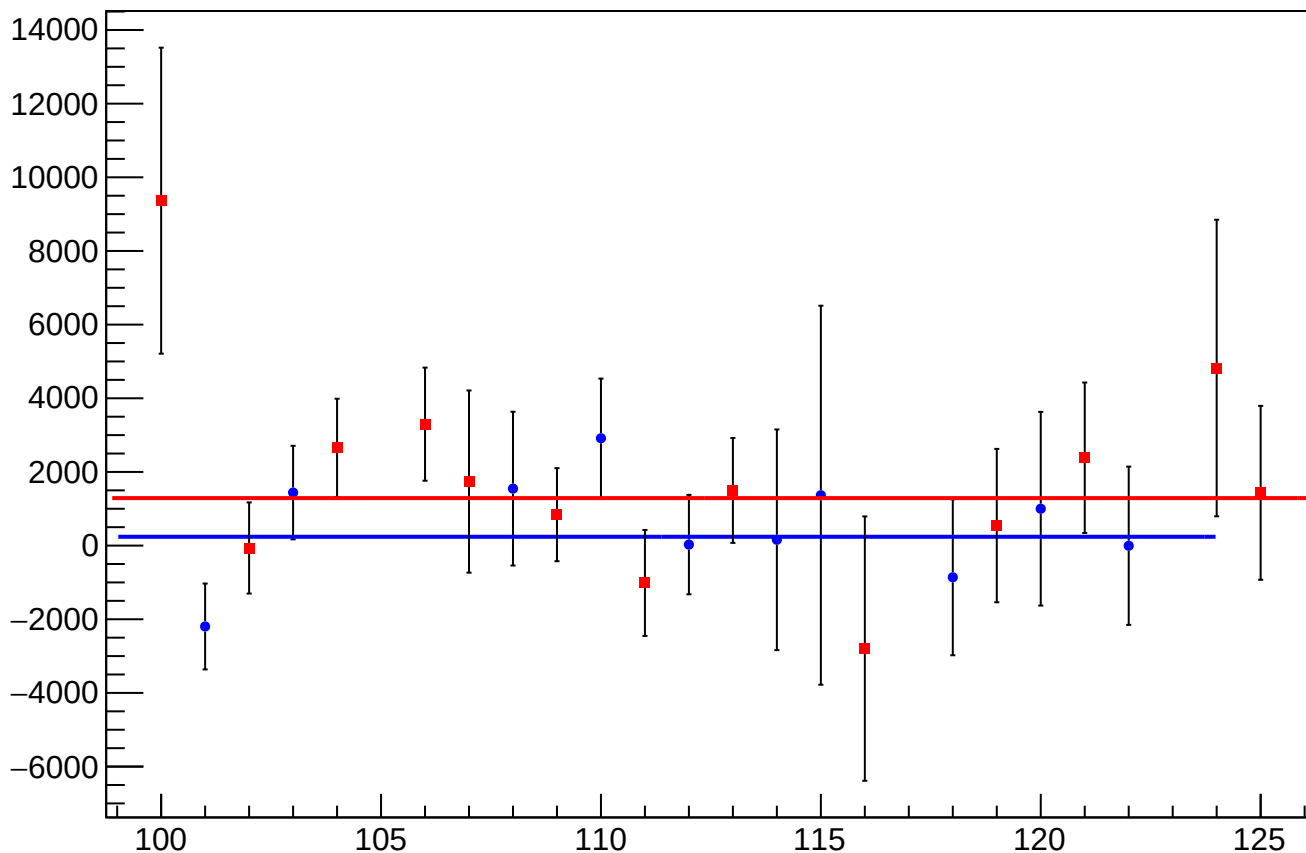
Right: 113.588 $\pm$ 0.027 χ^2 /NDF: 638848.5/22

In: 116.653 $\pm$ 0.042 χ^2 /NDF:301741.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 113.588 $\pm$ 0.027 χ^2 /NDF: 638848.5/22

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: 1289.491+/-484.969 χ^2/NDF : 13.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

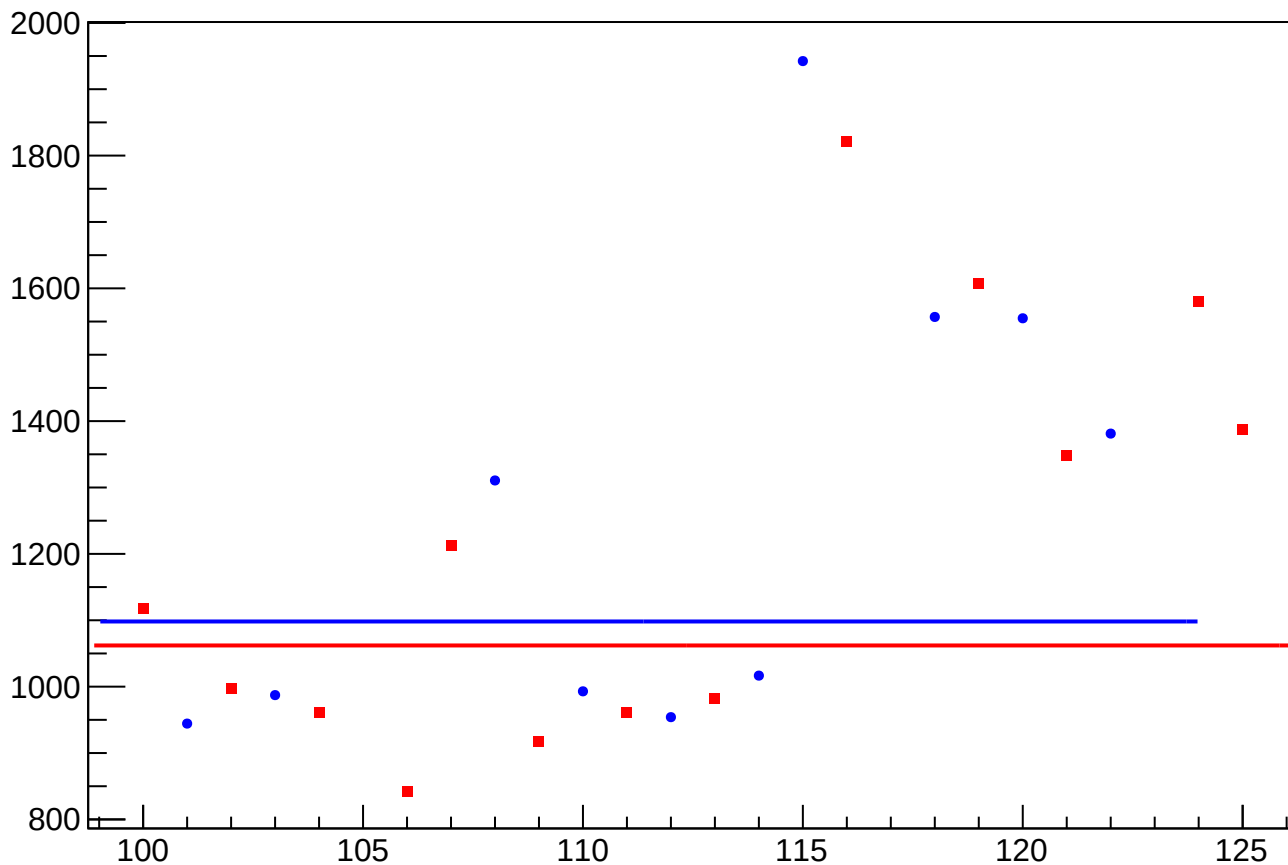
Right: 834.810+/-365.128 χ^2/NDF : 23.8/22

In: 239.806+/-554.781 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 834.810+/-365.128 χ^2/NDF : 23.8/22

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: 1062.049+/-0.343 χ^2/NDF : 444662.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

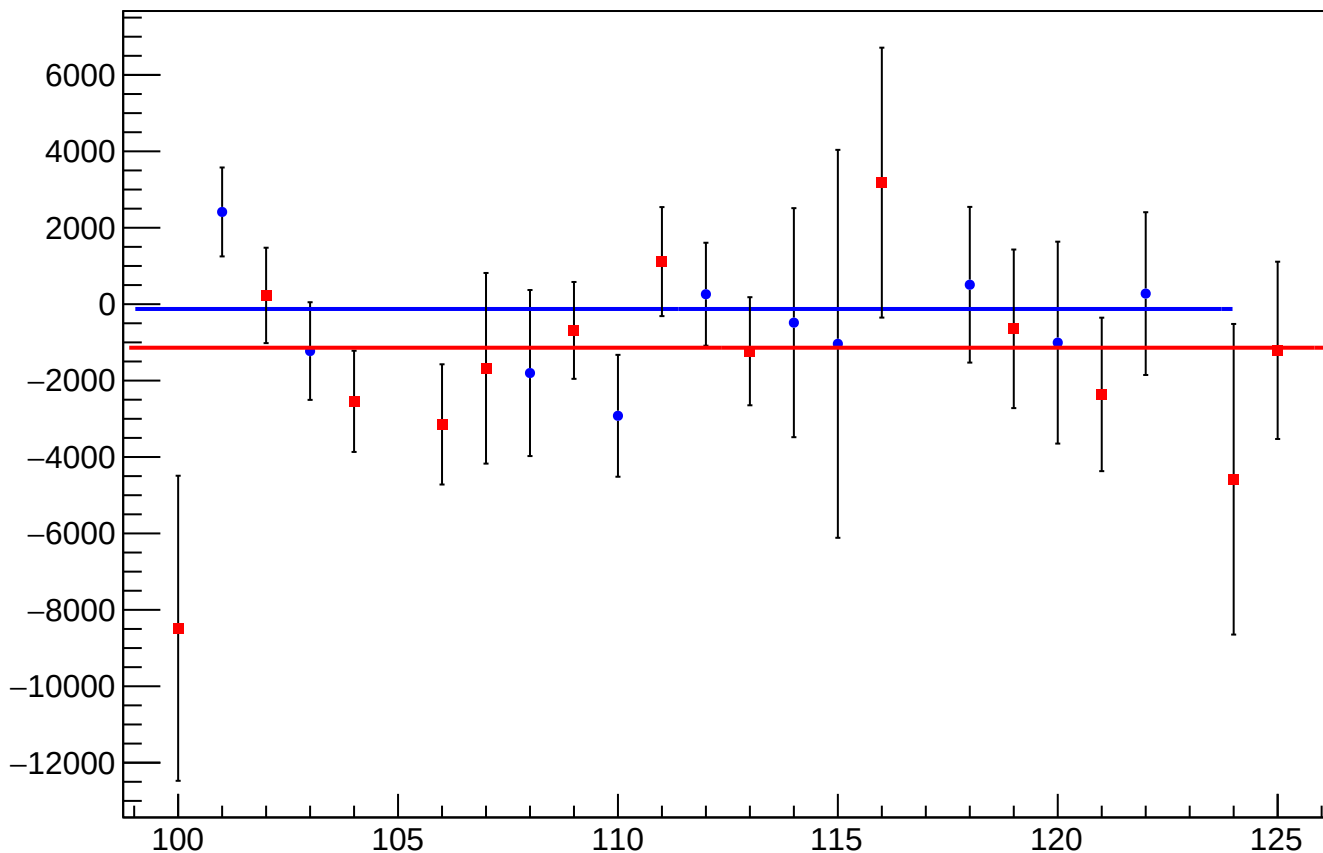
Right: 1077.699+/-0.258 χ^2/NDF : 795726.2/22

In: 1098.179+/-0.392 χ^2/NDF :346256.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1077.699+/-0.258 χ^2/NDF : 795726.2/22

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: -1139.539+/-484.533 χ^2/NDF : 12.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

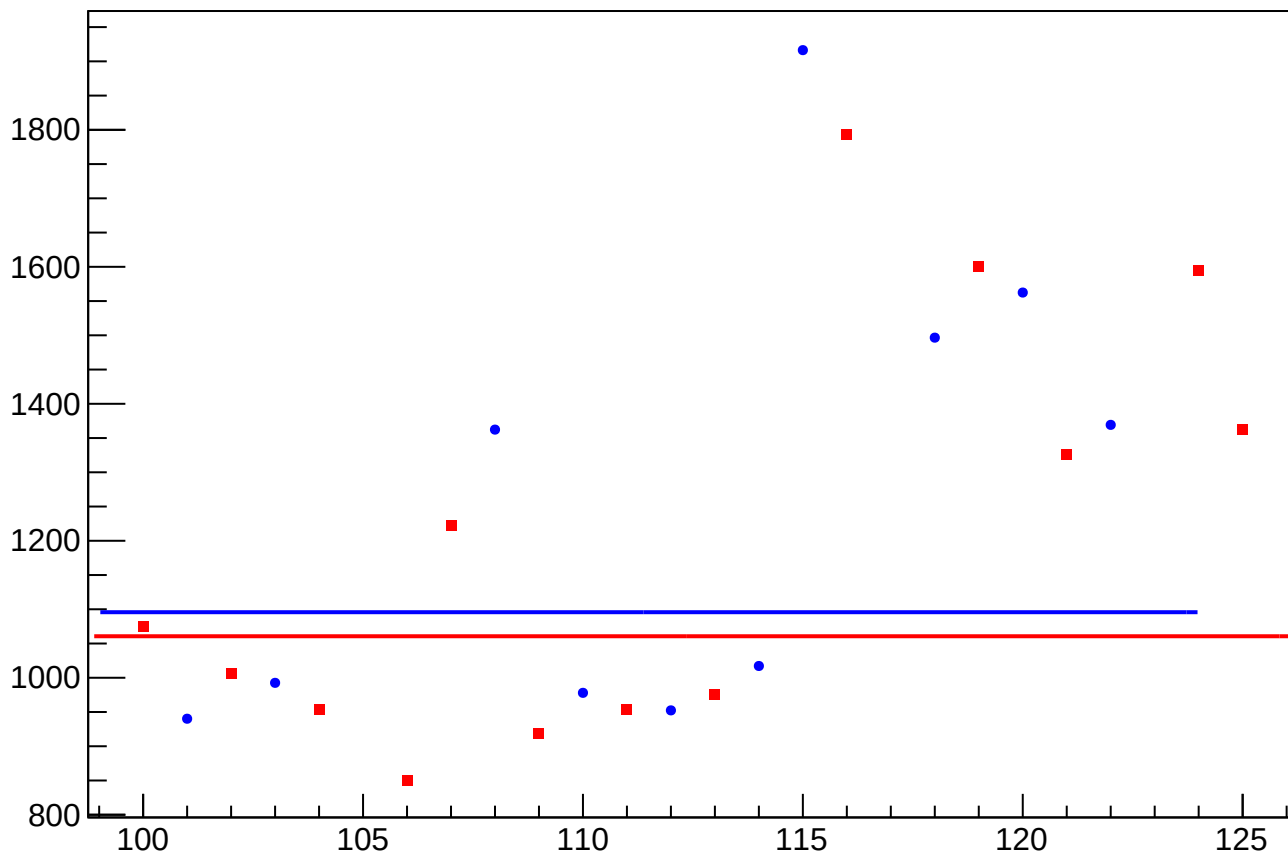
Right: -699.863+/-364.639 χ^2/NDF : 24.1/22

In: -125.657+/-553.720 χ^2/NDF :9.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -699.863+/-364.639 χ^2/NDF : 24.1/22

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: 1060.604+/-0.343 χ^2/NDF : 429662.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

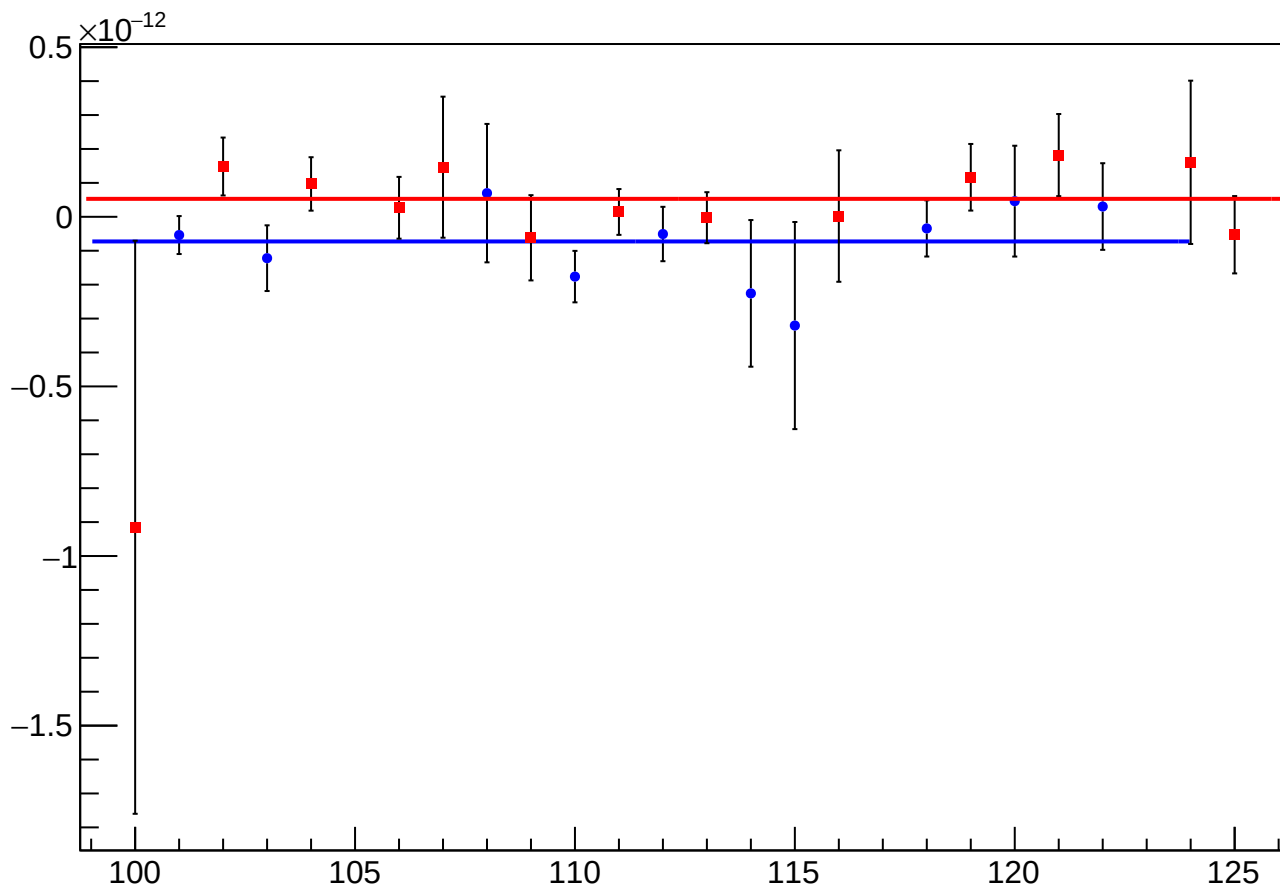
Right: 1075.830+/-0.258 χ^2/NDF : 773050.3/22

In: 1095.715+/-0.392 χ^2/NDF : 338833.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1075.830+/-0.258 χ^2/NDF : 773050.3/22

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: 7.6/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

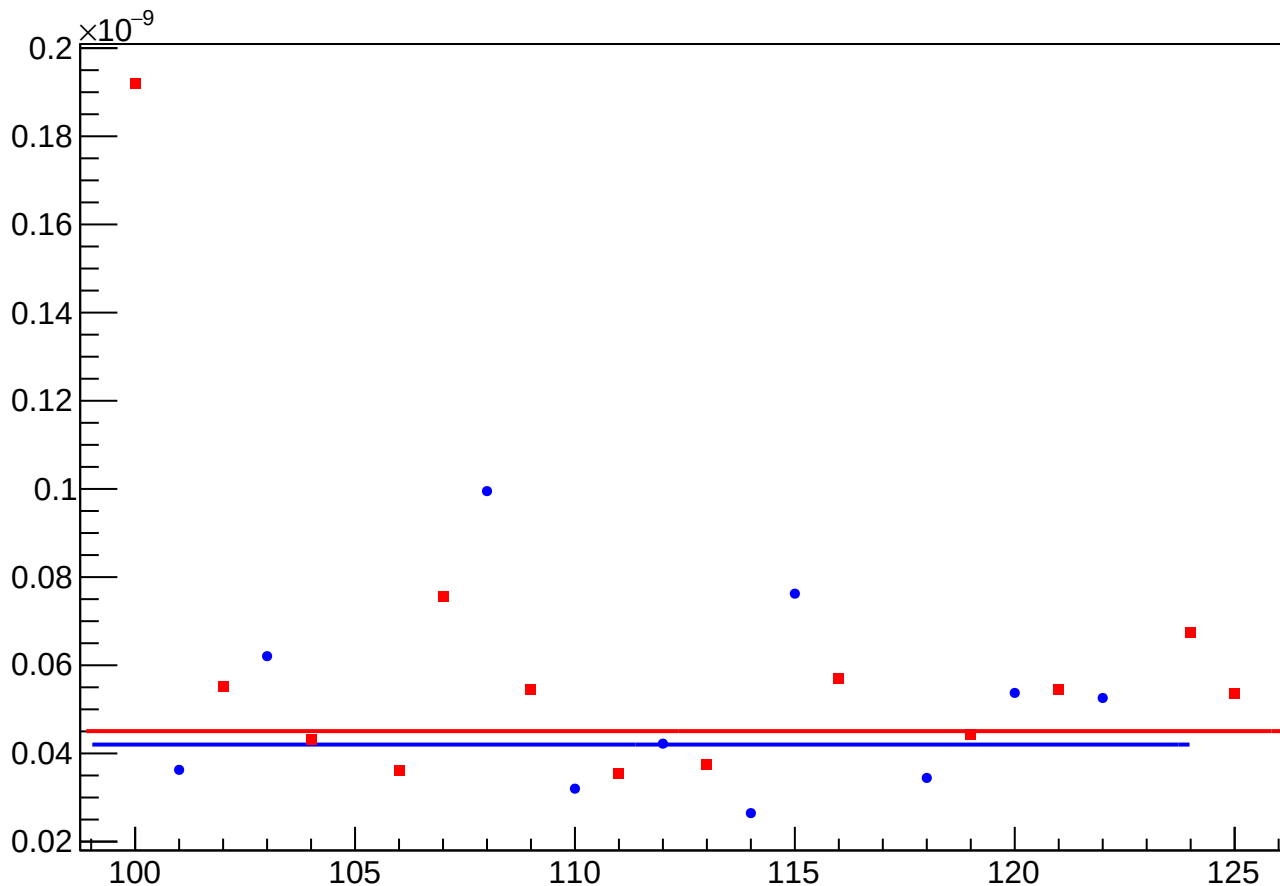
Right: -0.000+/-0.000 χ^2 /NDF: 21.7/22

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: 21.7/22

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 : 272531.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

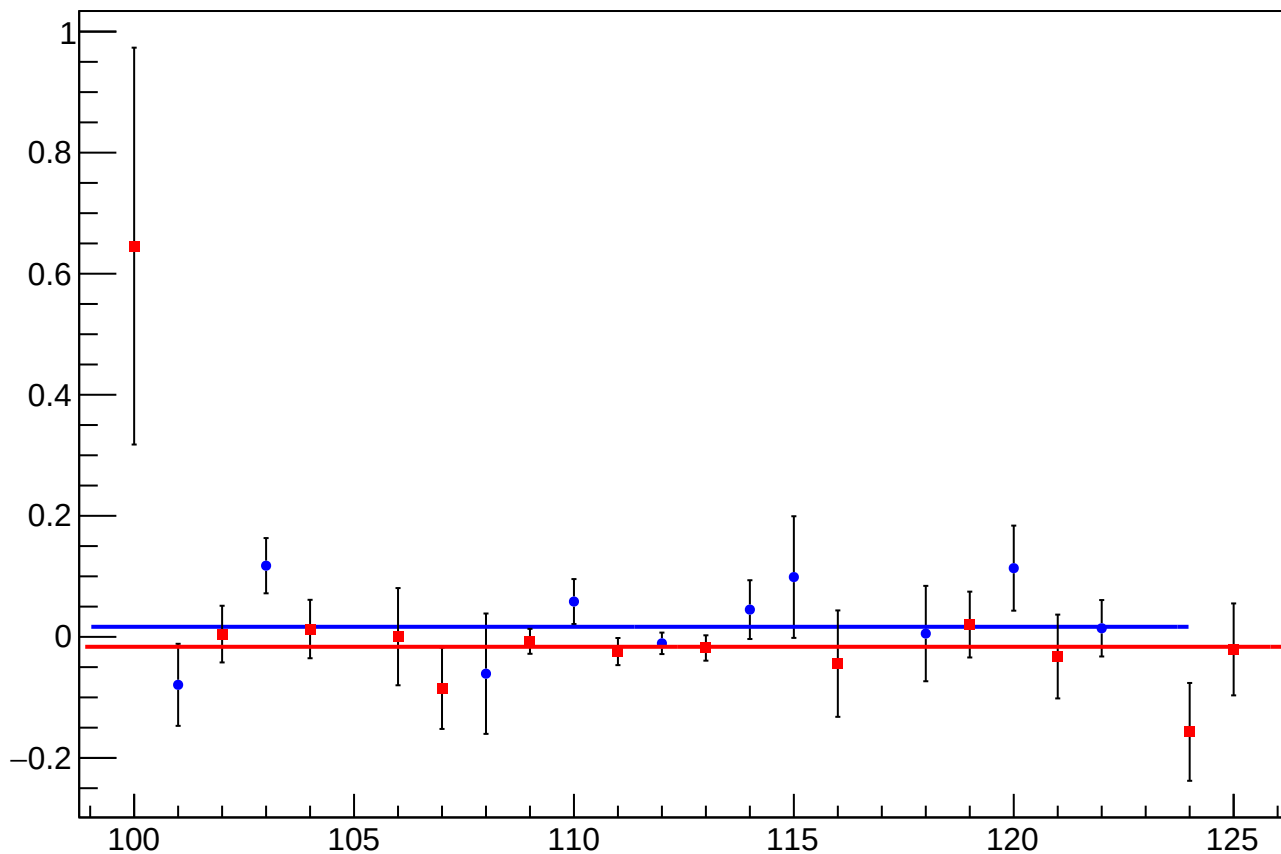
Right: 0.000+/-0.000 χ^2/NDF : 659435.6/22

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 : 659435.6/22

asym_sam_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.013 χ^2/NDF : 14.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.011 χ^2/NDF : 9.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

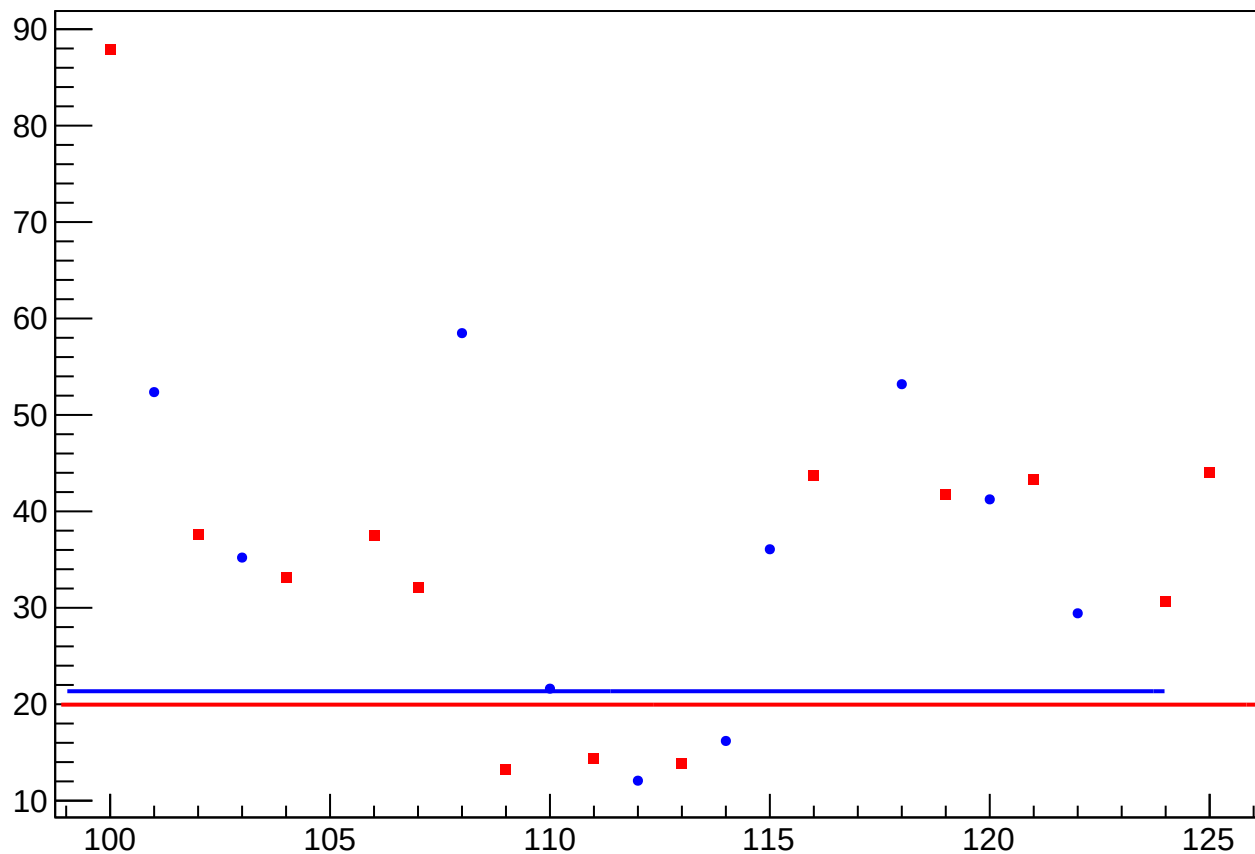
Right: -0.003+/-0.008 χ^2/NDF : 27.7/22

In: 0.017+/-0.013 χ^2/NDF : 14.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.003+/-0.008 χ^2/NDF : 27.7/22

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: 19.958+/-0.007 χ^2/NDF : 2117359.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

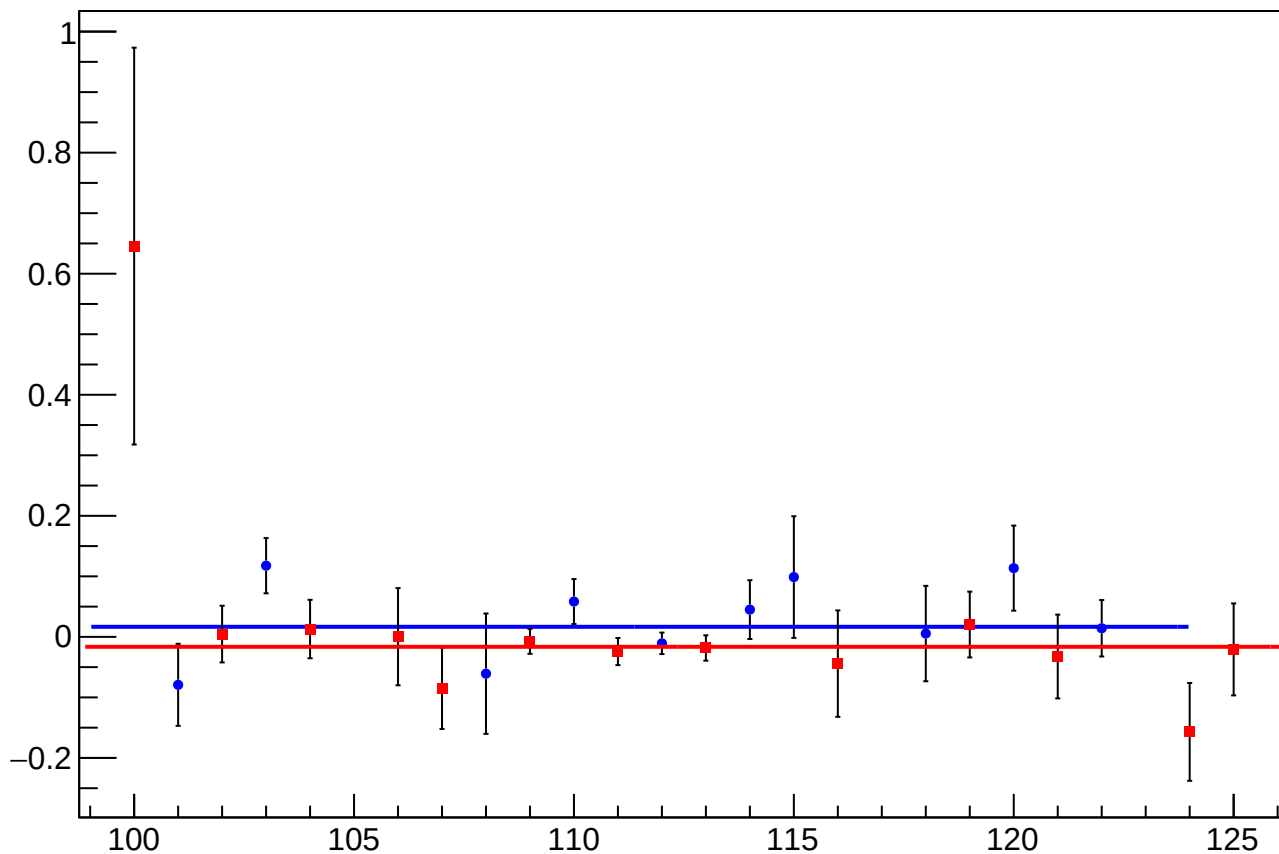
Right: 20.521+/-0.006 χ^2/NDF : 4173321.0/22

In: 21.349+/-0.009 χ^2/NDF : 2042027.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.521+/-0.006 χ^2/NDF : 4173321.0/22

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: -0.016+/-0.011 χ^2/NDF : 9.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

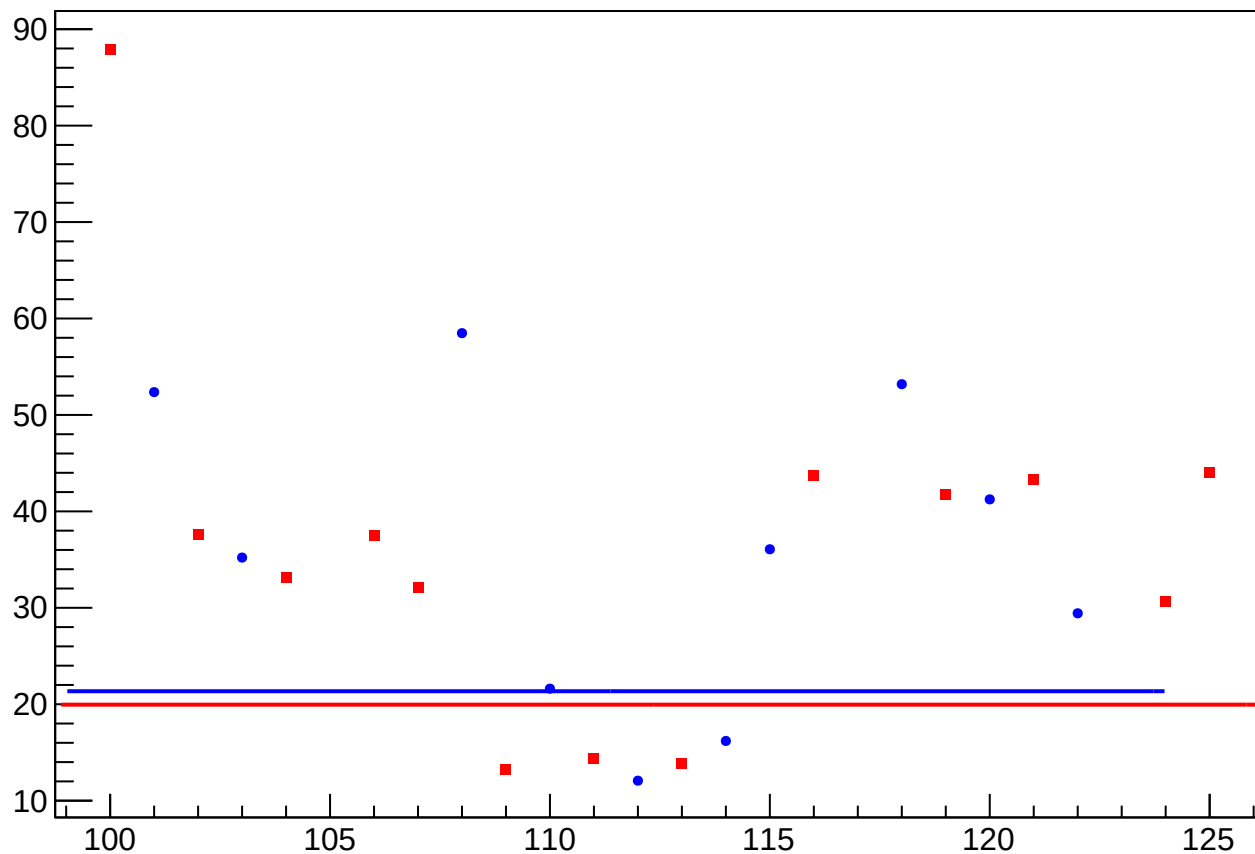
Right: -0.003+/-0.008 χ^2/NDF : 27.7/22

In: 0.017+/-0.013 χ^2/NDF : 14.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.003+/-0.008 χ^2/NDF : 27.7/22

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: 19.958+/-0.007 χ^2/NDF : 2117359.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

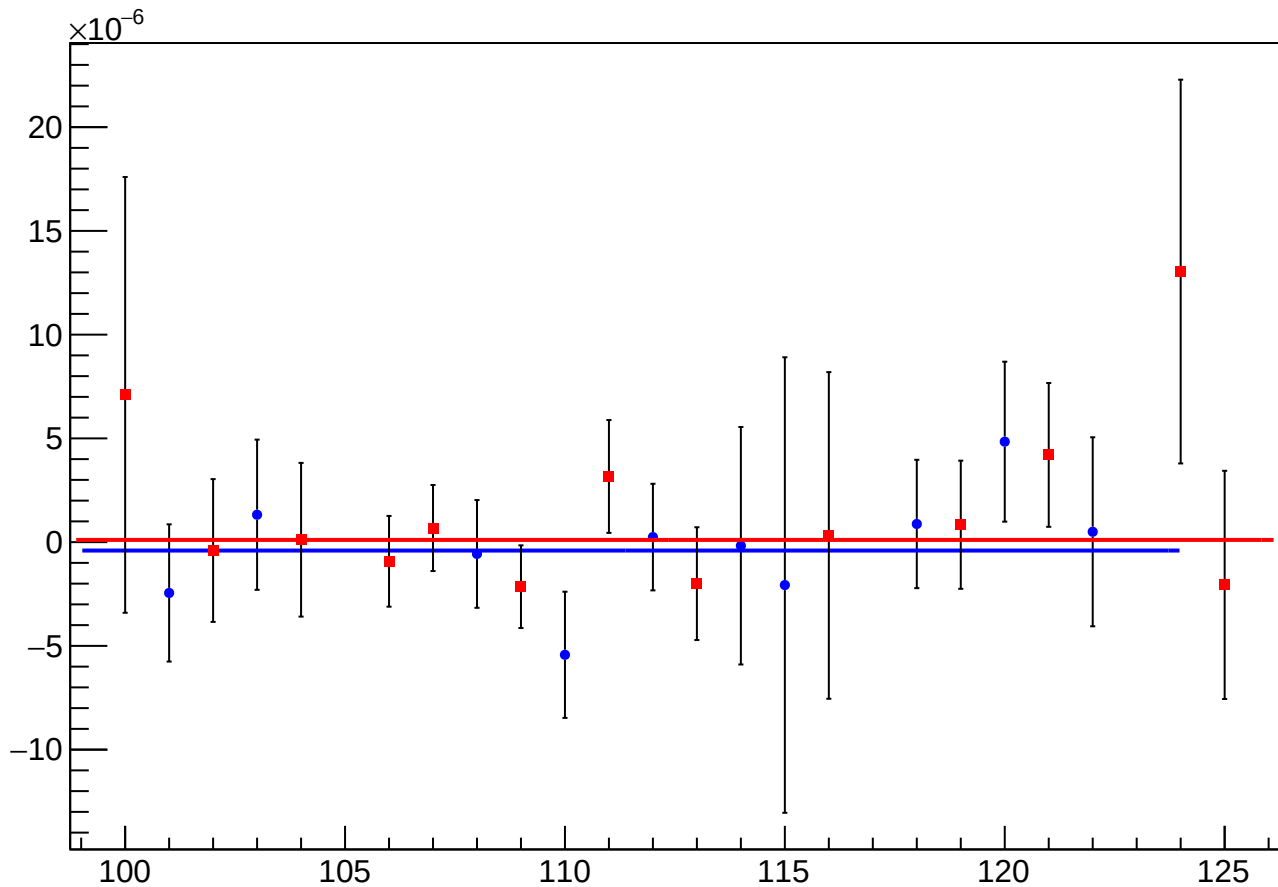
Right: 20.521+/-0.006 χ^2/NDF : 4173321.0/22

In: 21.349+/-0.009 χ^2/NDF : 2042027.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.521+/-0.006 χ^2/NDF : 4173321.0/22

asym_sam_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

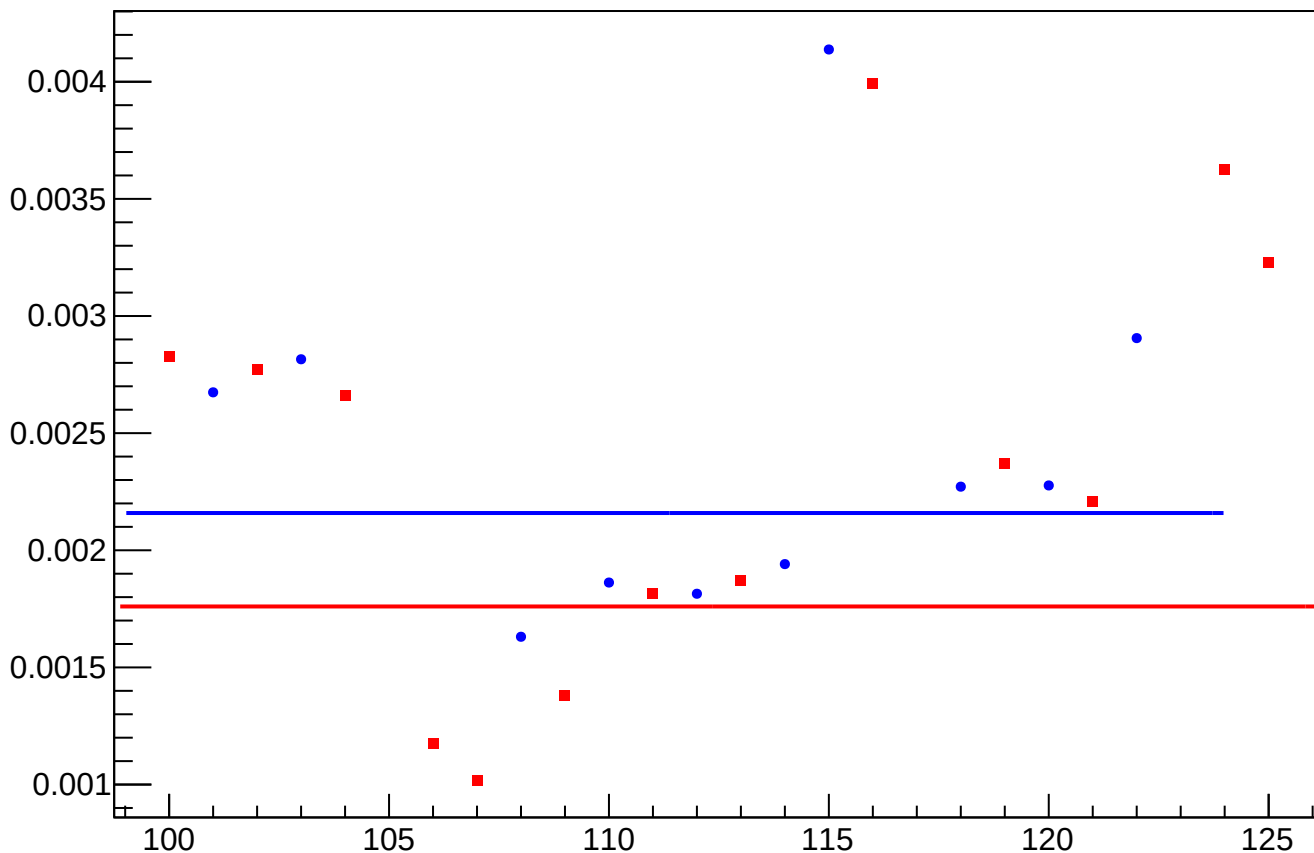
Right: -0.000+/-0.000 χ^2/NDF : 13.1/22

In: -0.000+/-0.000 χ^2/NDF : 5.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.1/22

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 : 1285130.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

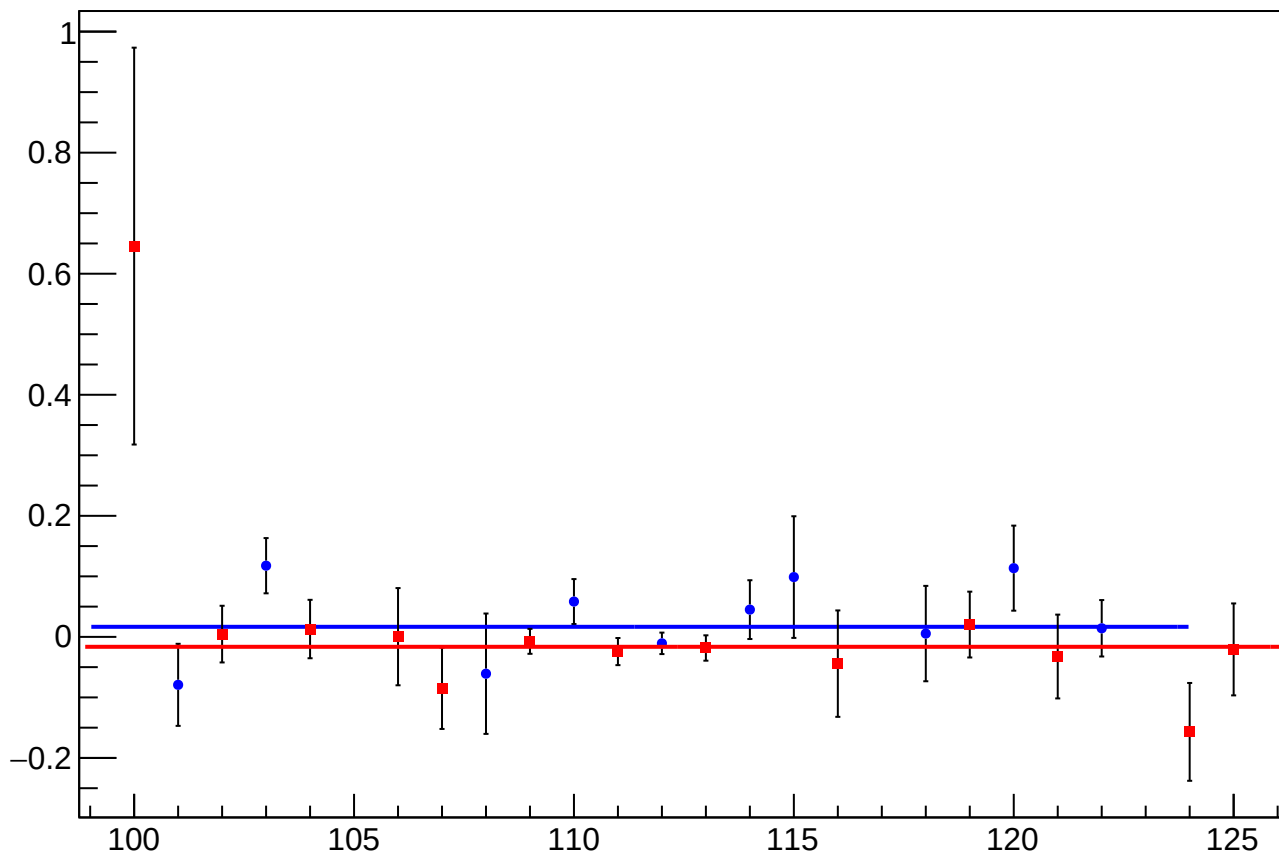
Right: 0.002+/-0.000 χ^2/NDF : 1828891.1/22

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 : 1828891.1/22

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: -0.016+/-0.011 χ^2/NDF : 9.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

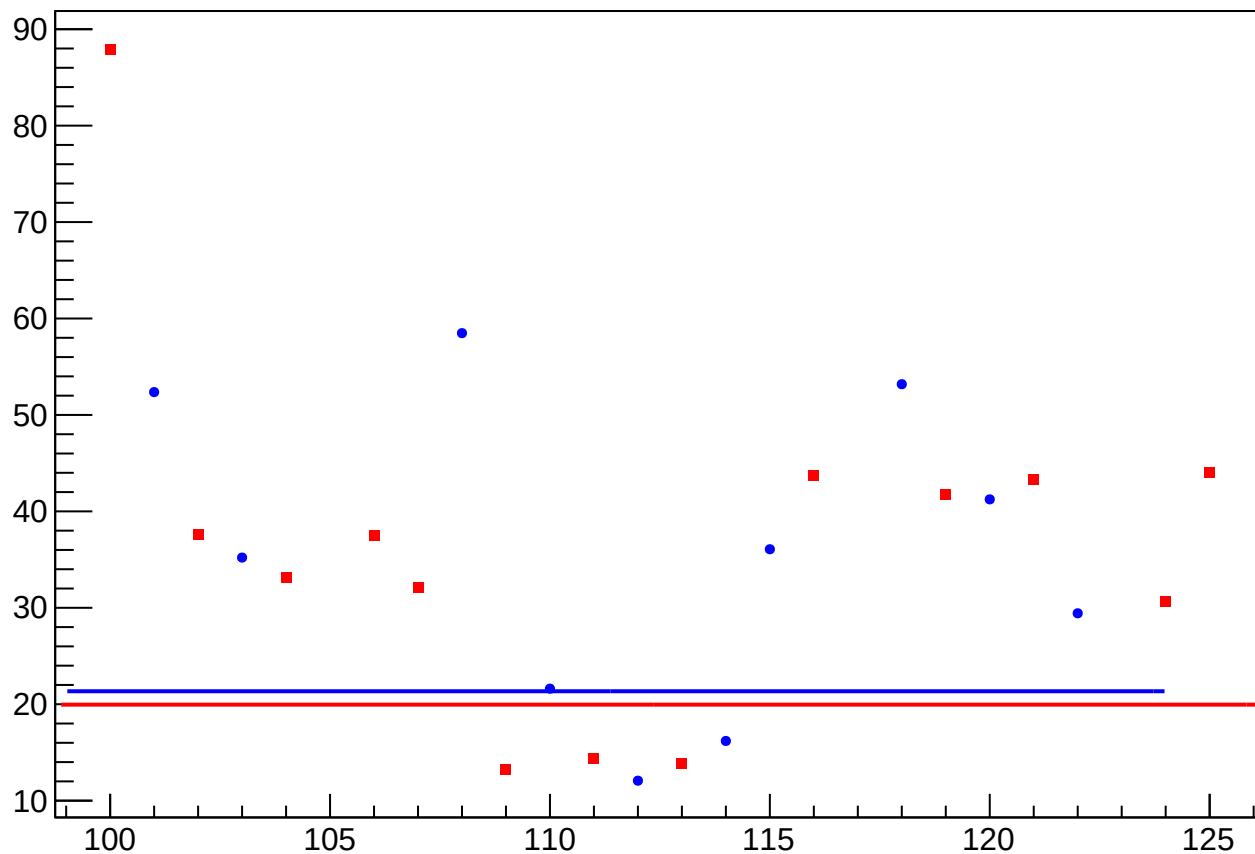
Right: -0.003+/-0.008 χ^2/NDF : 27.7/22

In: 0.017+/-0.013 χ^2/NDF : 14.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.003+/-0.008 χ^2/NDF : 27.7/22

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: 19.958+/-0.007 χ^2/NDF : 2117371.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

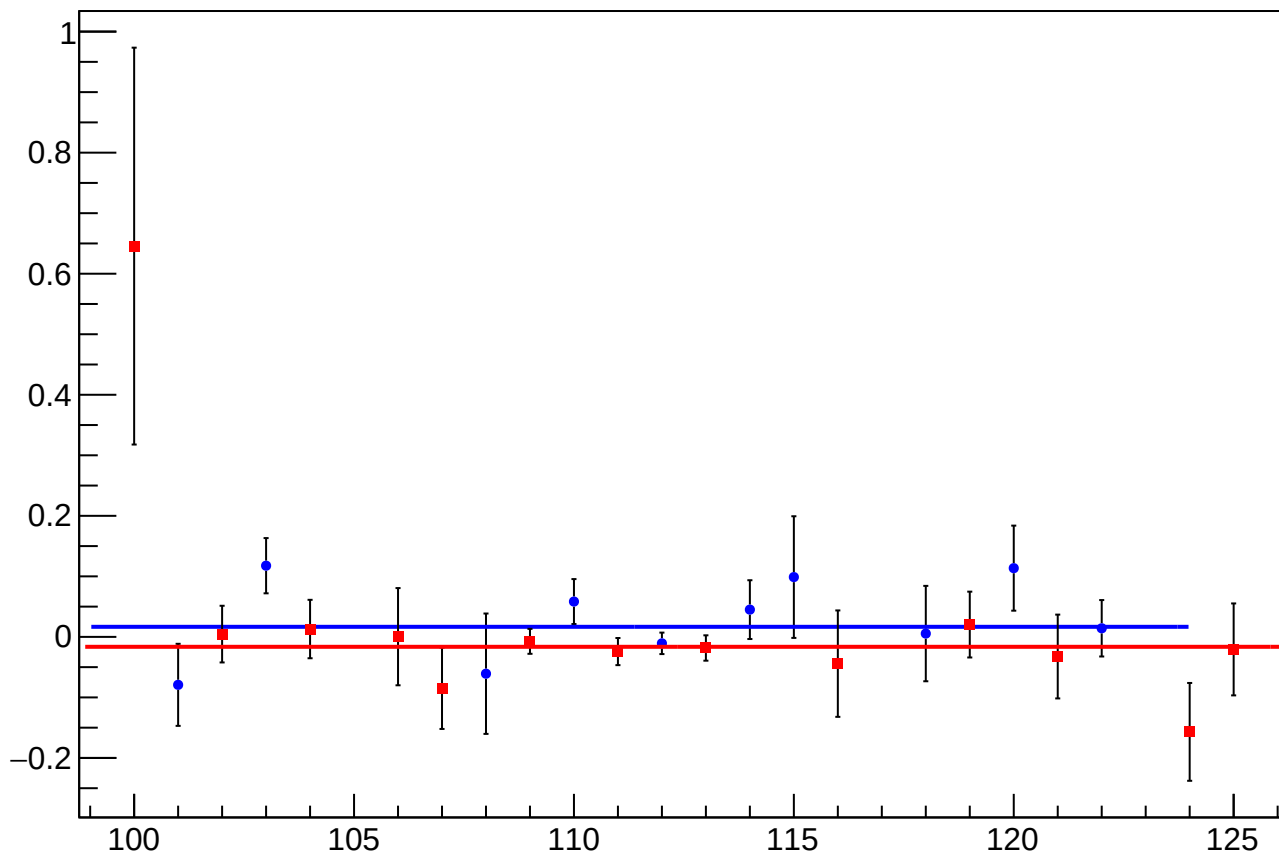
Right: 20.520+/-0.006 χ^2/NDF : 4173537.6/22

In: 21.347+/-0.009 χ^2/NDF :2042253.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20.520+/-0.006 χ^2/NDF : 4173537.6/22

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.013 χ^2/NDF : 14.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.011 χ^2/NDF : 9.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

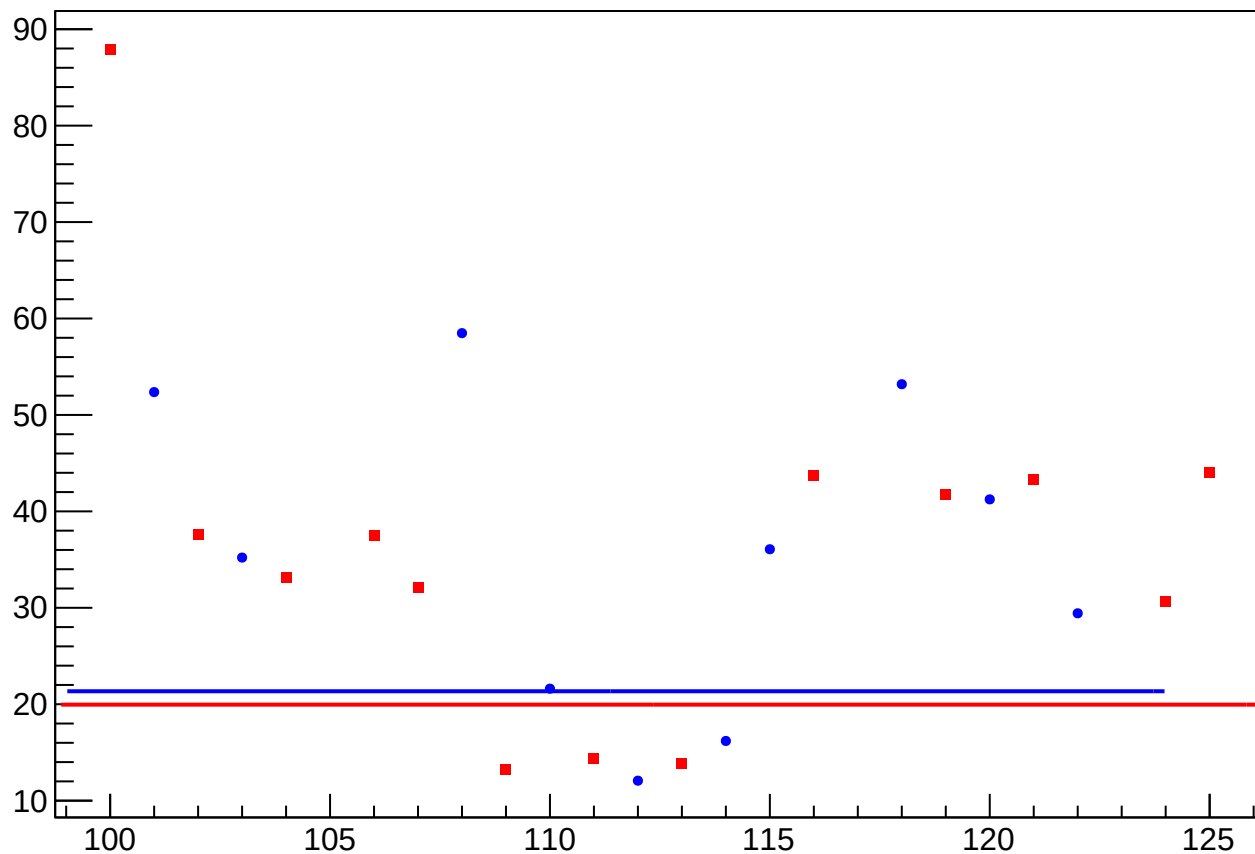
Right: -0.003+/-0.008 χ^2/NDF : 27.7/22

In: 0.017+/-0.013 χ^2/NDF : 14.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.003+/-0.008 χ^2/NDF : 27.7/22

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: 19.958+/-0.007 χ^2/NDF : 2117371.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

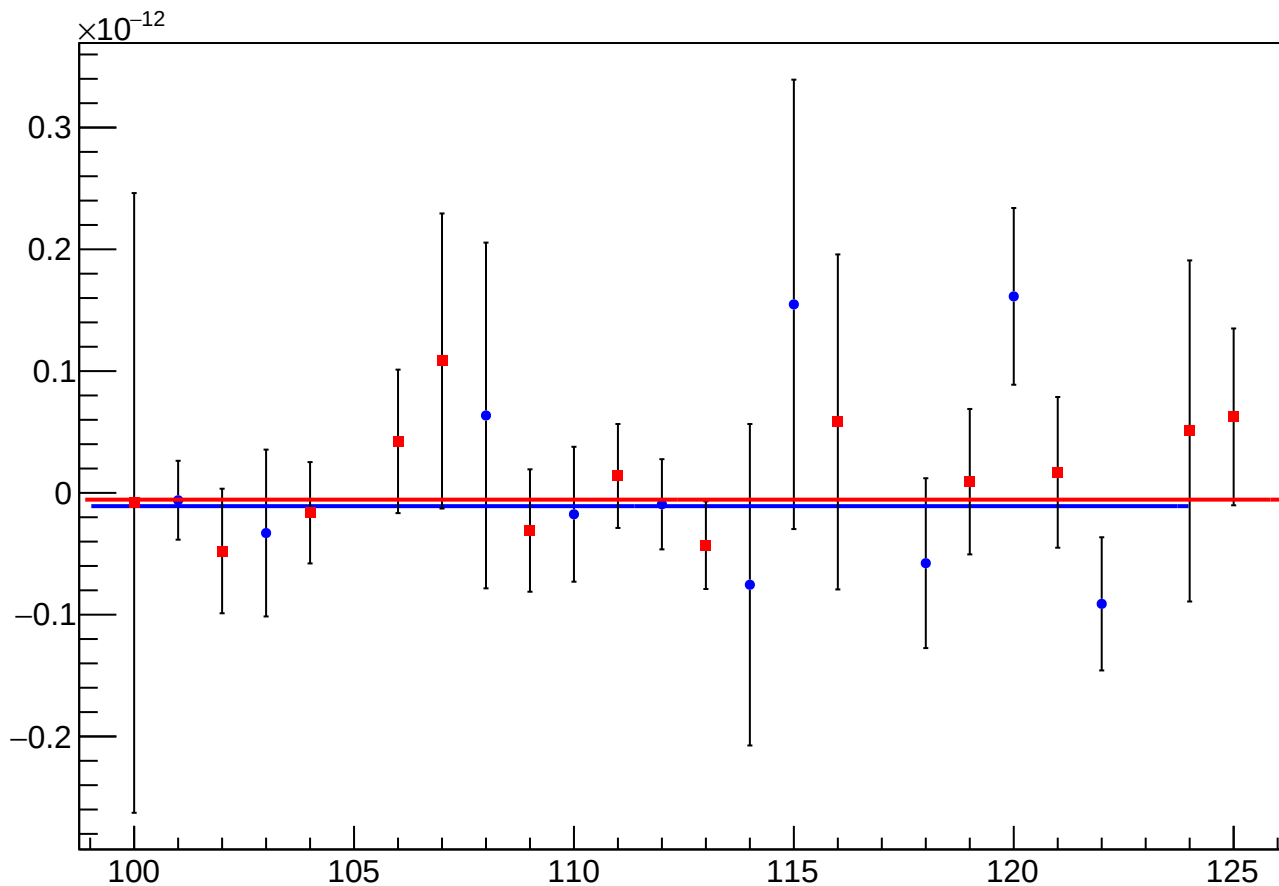
Right: 20.520+/-0.006 χ^2/NDF : 4173537.6/22

In: 21.347+/-0.009 χ^2/NDF : 2042253.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.520+/-0.006 χ^2/NDF : 4173537.6/22

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 : 5.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

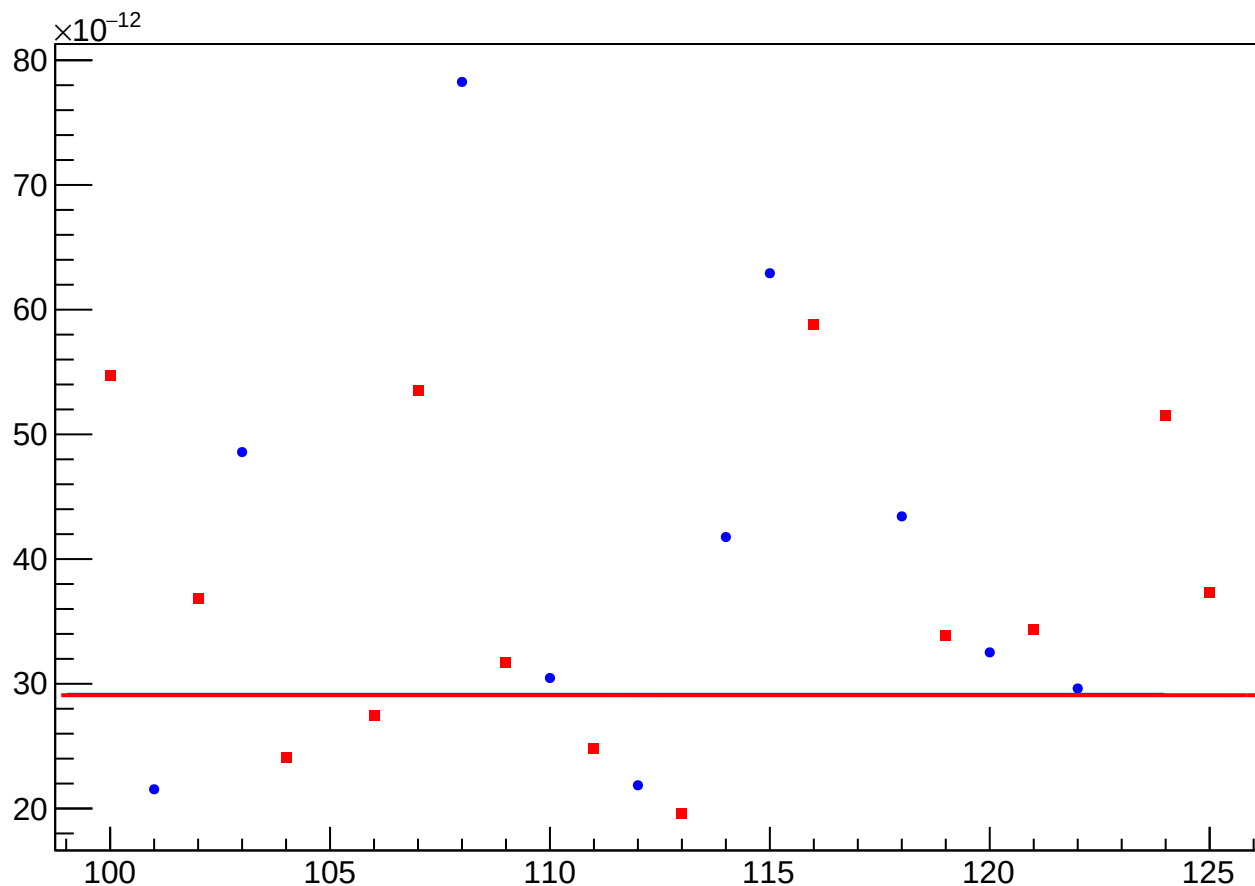
Right: -0.000+/-0.000 χ^2/NDF : 15.0/22

In: -0.000+/-0.000 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.0/22

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 : 540604.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

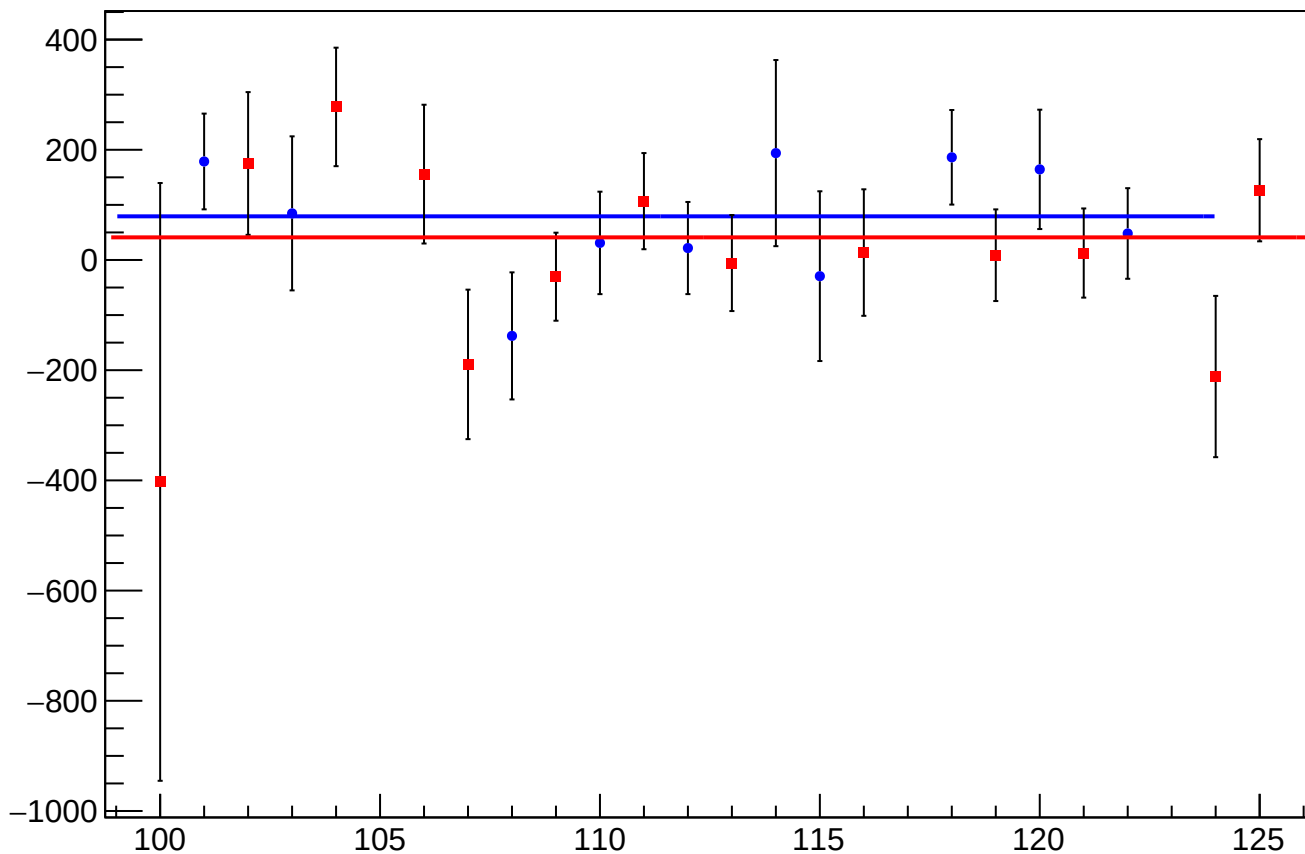
Right: 0.000+/-0.000 χ^2/NDF : 1303535.0/22

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 : 1303535.0/22

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: 41.054+/-28.597 χ^2/NDF : 16.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

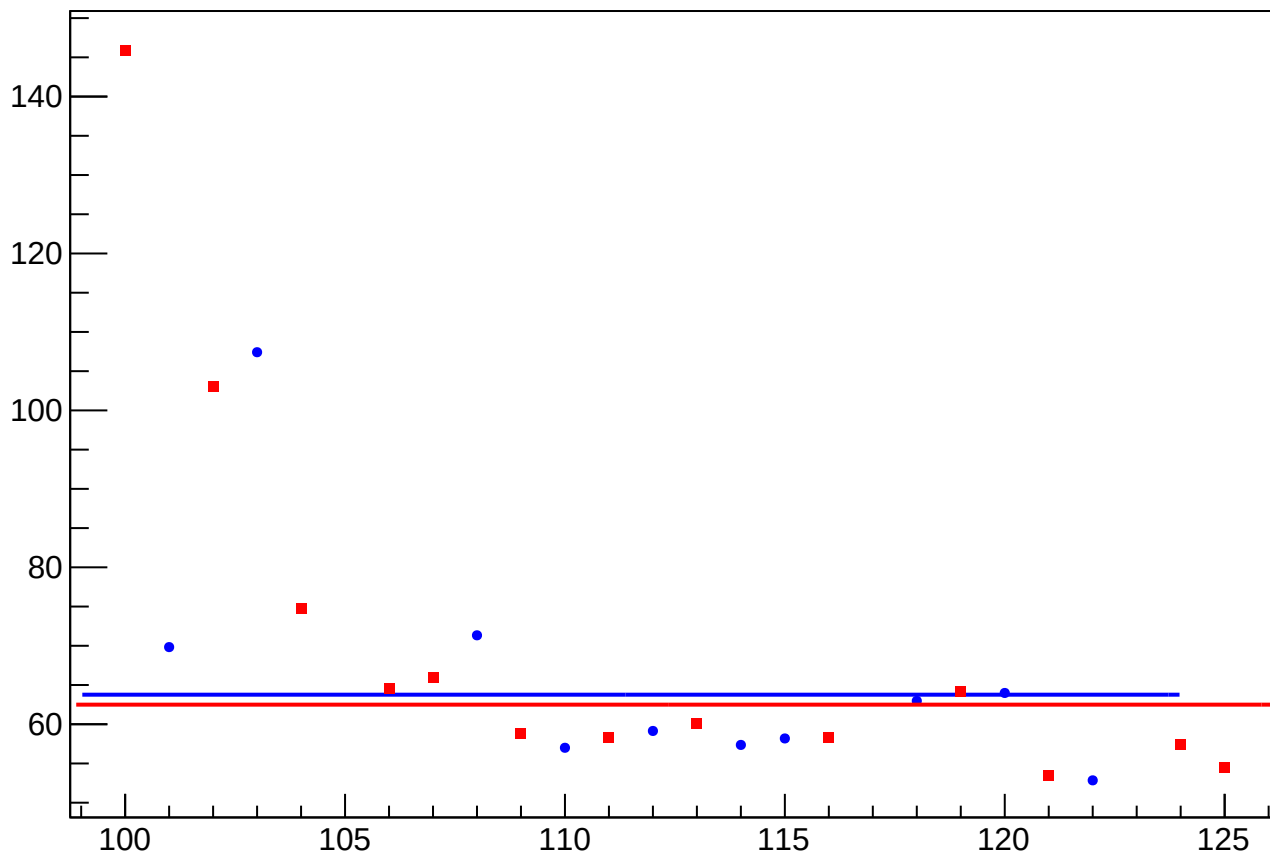
Right: 57.871+/-21.386 χ^2/NDF : 25.8/22

In: 79.209+/-32.213 χ^2/NDF : 8.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.871+/-21.386 χ^2/NDF : 25.8/22

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: 62.496+/-0.020 χ^2/NDF : 327678.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

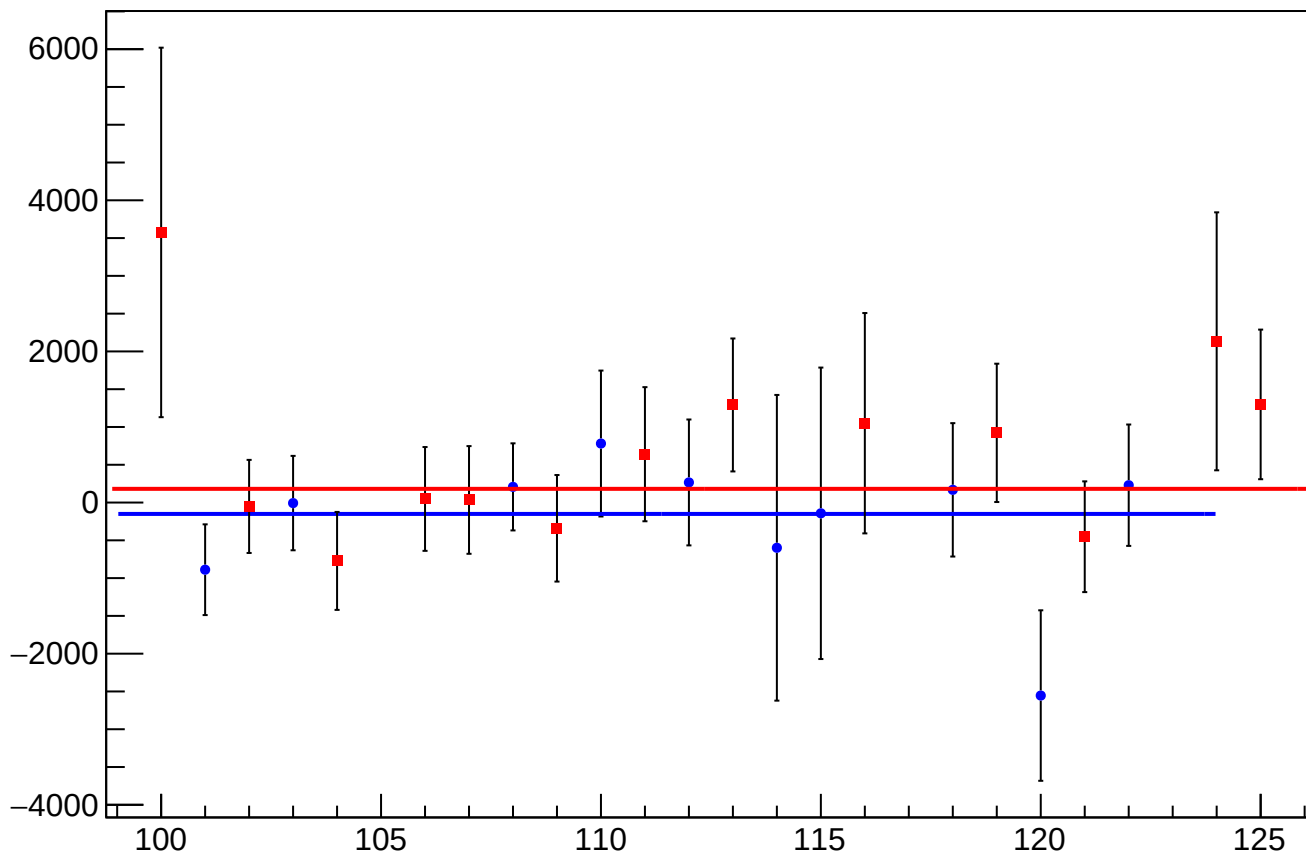
Right: 63.056+/-0.015 χ^2/NDF : 600424.8/22

In: 63.766+/-0.023 χ^2/NDF : 271008.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.056+/-0.015 χ^2/NDF : 600424.8/22

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: 181.416+/-231.040 χ^2/NDF : 11.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

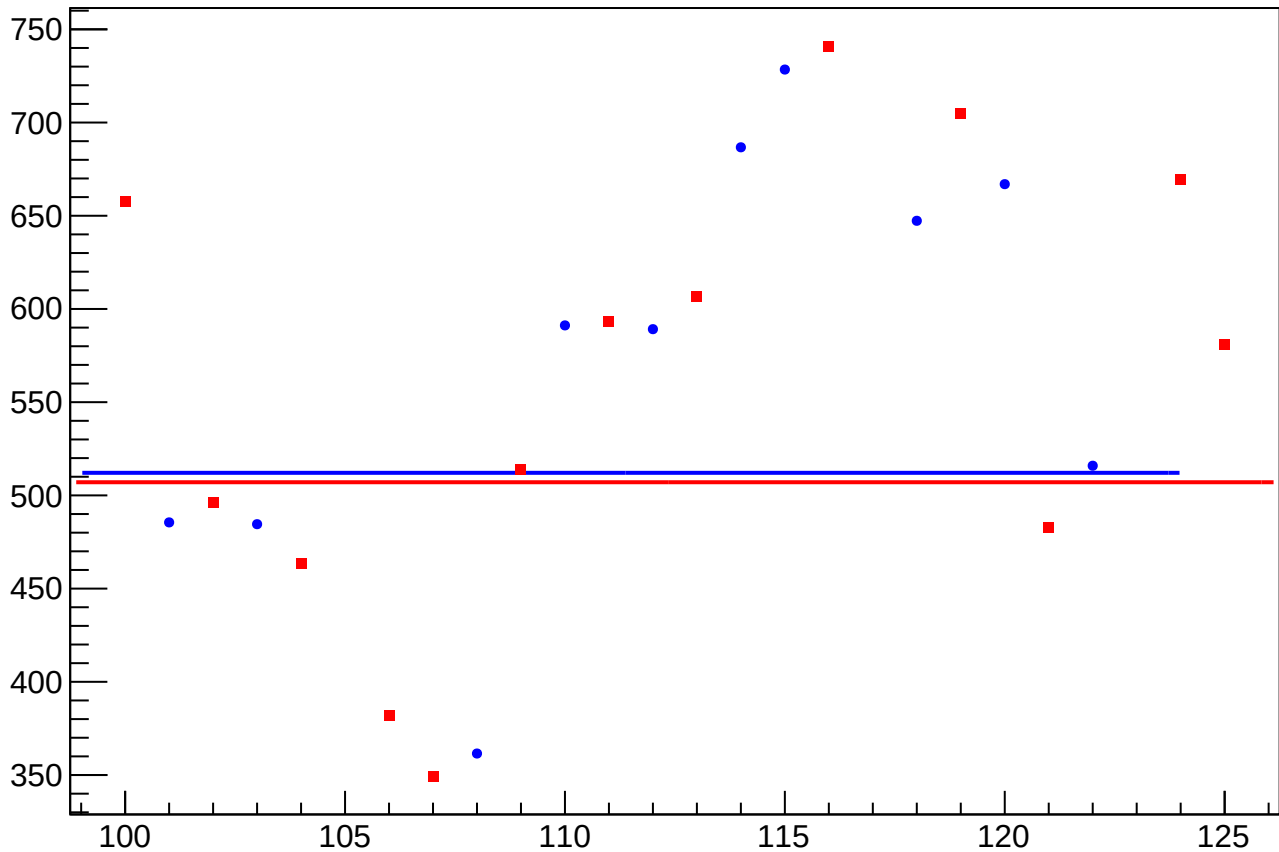
Right: 33.818+/-172.187 χ^2/NDF : 20.1/22

In: -150.581+/-258.242 χ^2/NDF : 8.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.818+/-172.187 χ^2/NDF : 20.1/22

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: 507.053+/-0.163 χ^2/NDF : 402799.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

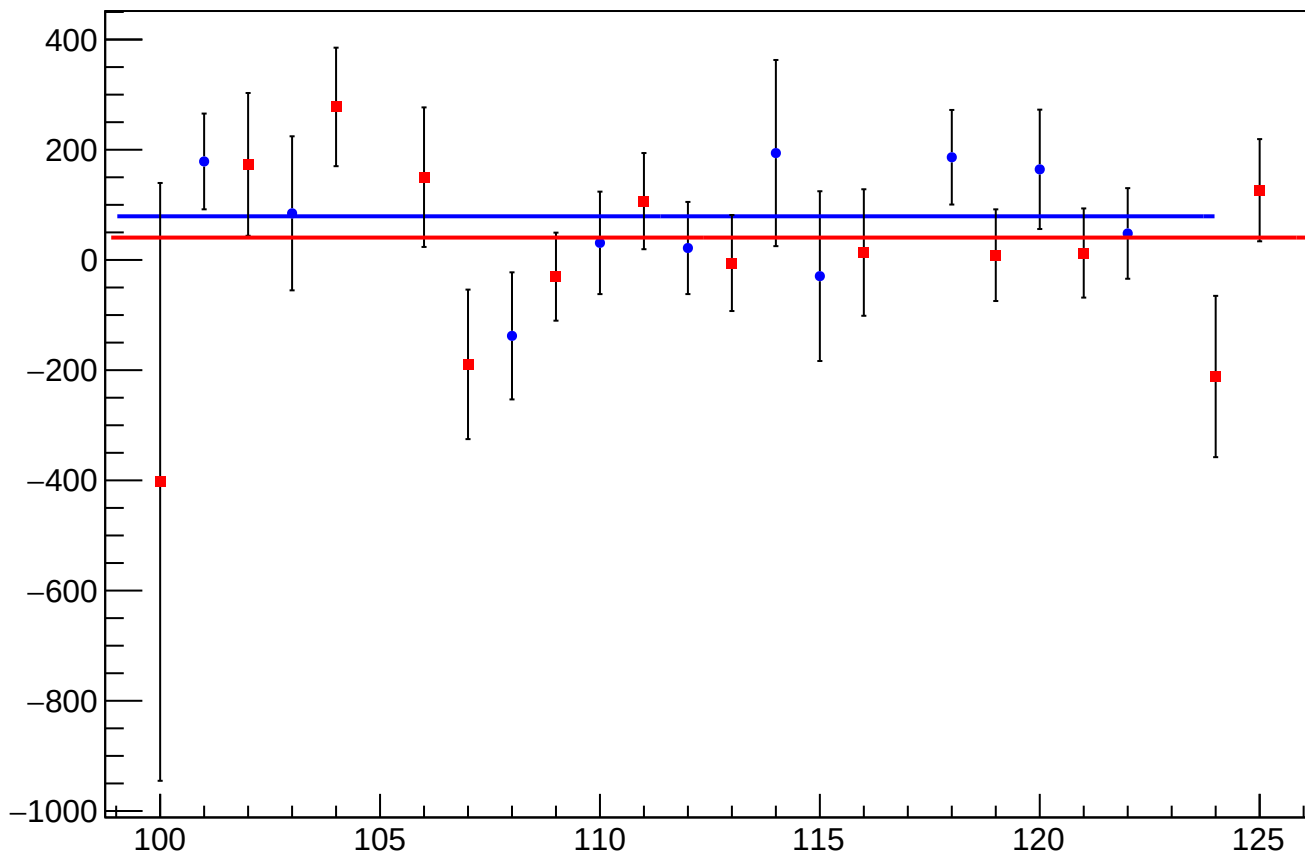
Right: 509.301+/-0.122 χ^2/NDF : 702812.3/22

In: 512.109+/-0.183 χ^2/NDF : 299586.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 509.301+/-0.122 χ^2/NDF : 702812.3/22

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: 40.609 $\pm$ 28.605 χ^2 /NDF: 16.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

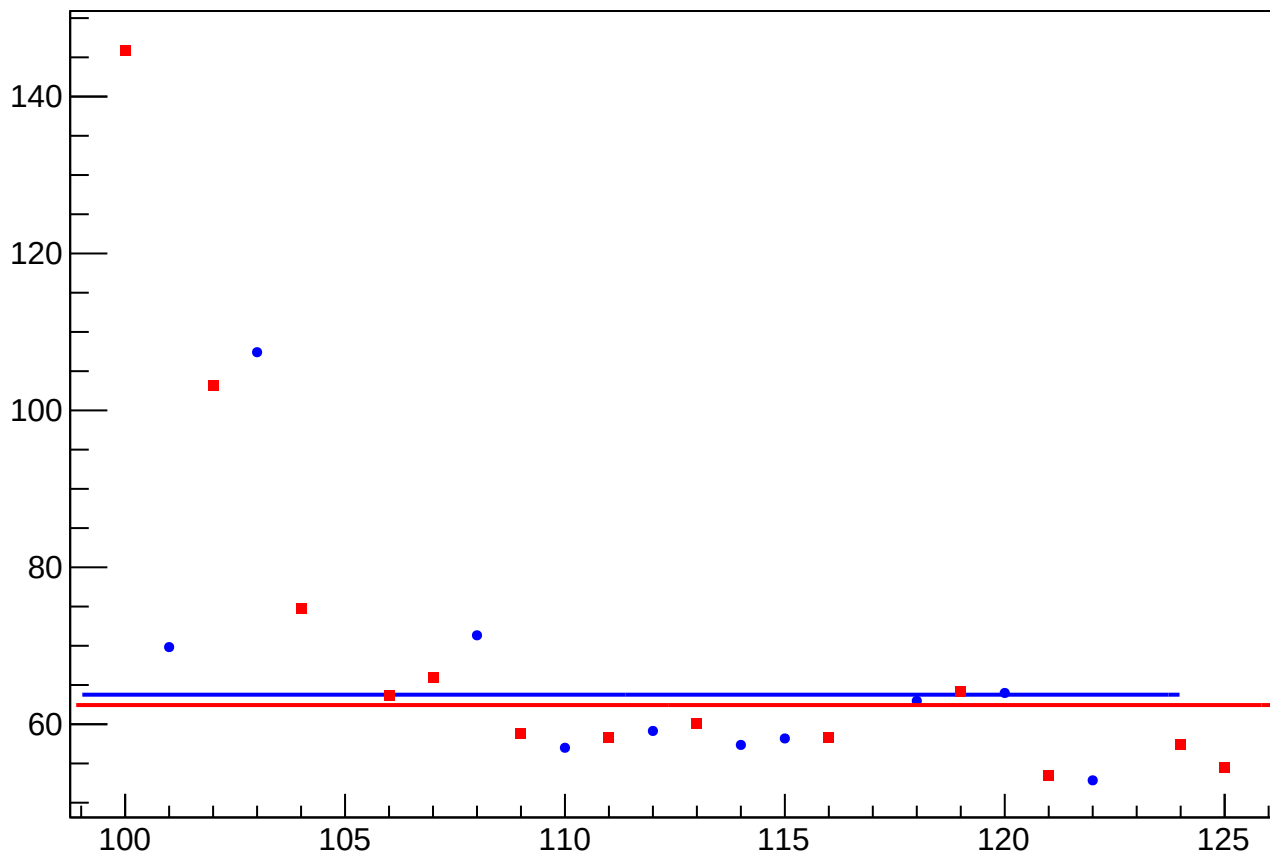
Right: 57.628 $\pm$ 21.389 χ^2 /NDF: 25.7/22

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: 57.628 $\pm$ 21.389 χ^2 /NDF: 25.7/22

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: 62.445+/-0.020 χ^2/NDF : 327495.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

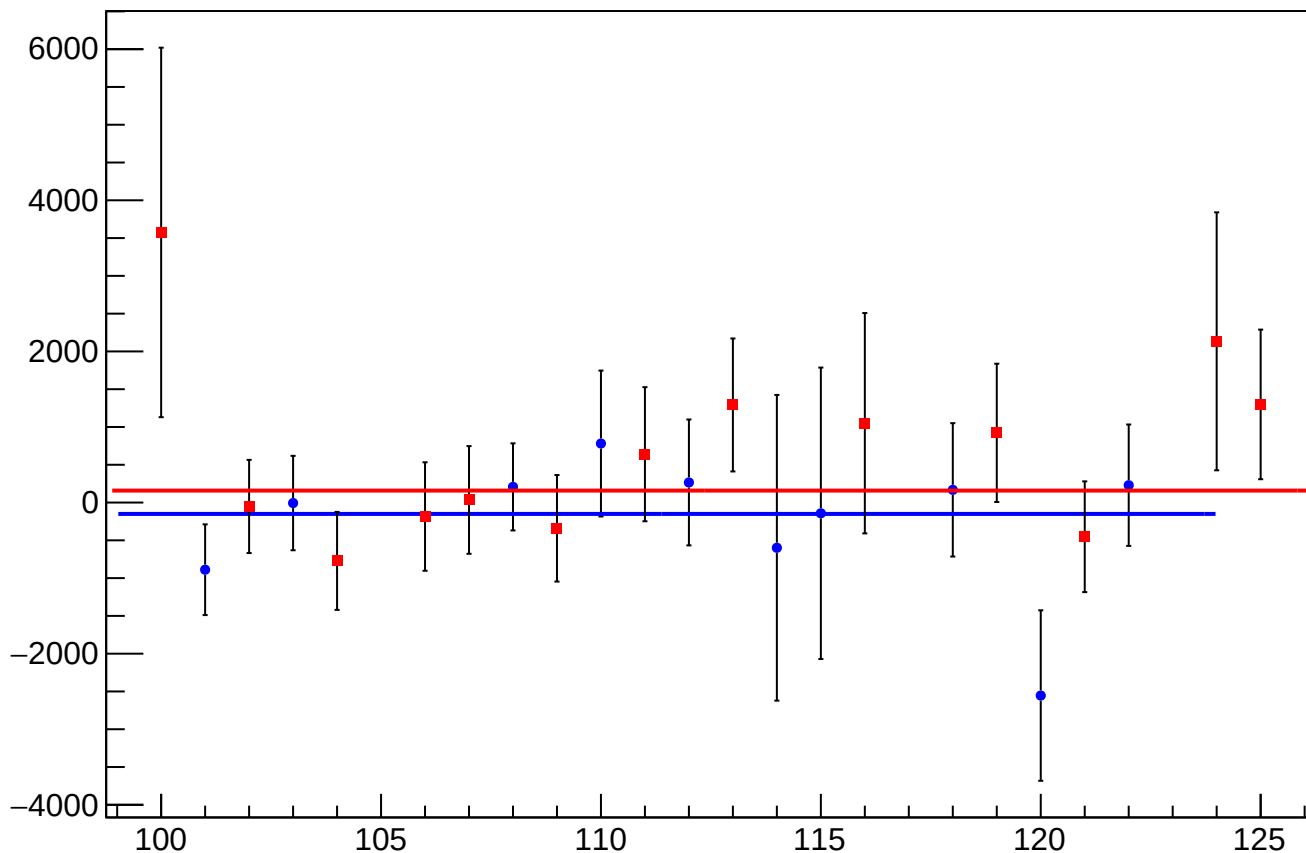
Right: 63.028+/-0.015 χ^2/NDF : 600386.7/22

In: 63.766+/-0.023 χ^2/NDF : 271010.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.028+/-0.015 χ^2/NDF : 600386.7/22

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: 158.413+/-232.178 χ^2/NDF : 11.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

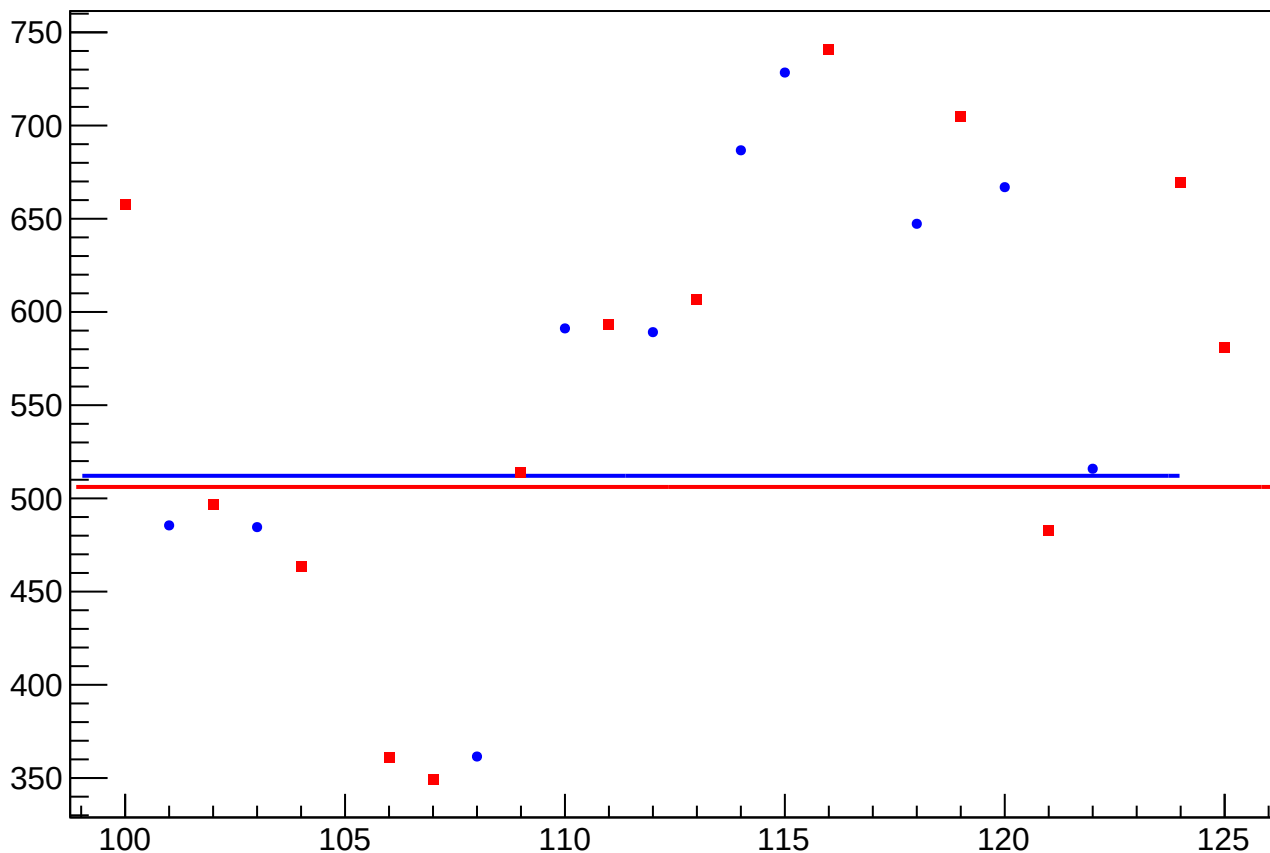
Right: 20.330+/-172.657 χ^2/NDF : 20.1/22

In: -150.499+/-258.245 χ^2/NDF : 8.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.330+/-172.657 χ^2/NDF : 20.1/22

asym_sam_13_57_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 512.115+/-0.183 χ^2/NDF : 299577.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 506.139+/-0.164 χ^2/NDF : 419170.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

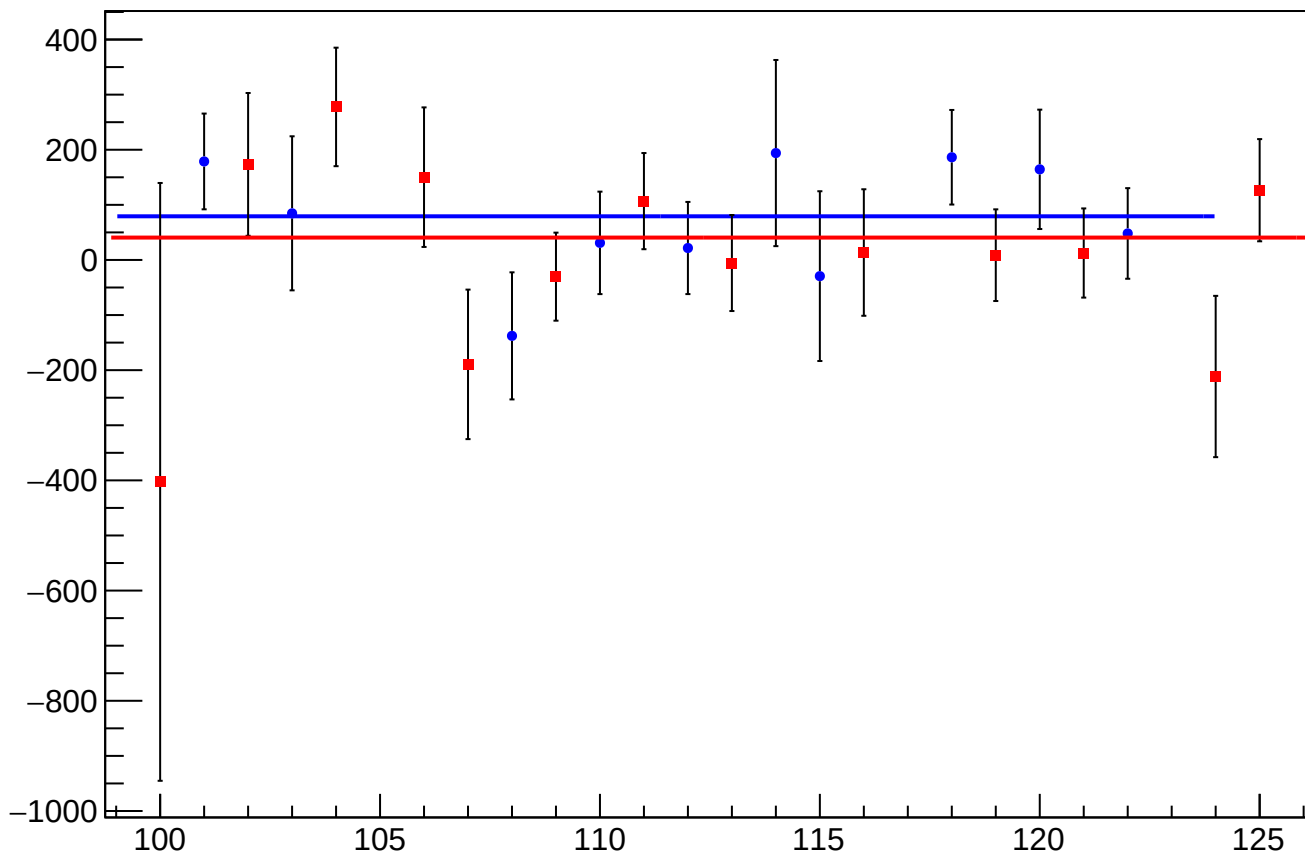
Right: 508.810+/-0.122 χ^2/NDF : 719339.9/22

In: 512.115+/-0.183 χ^2/NDF : 299577.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 508.810+/-0.122 χ^2/NDF : 719339.9/22

eigen_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: 40.609 $\pm$ 28.605 χ^2 /NDF: 16.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

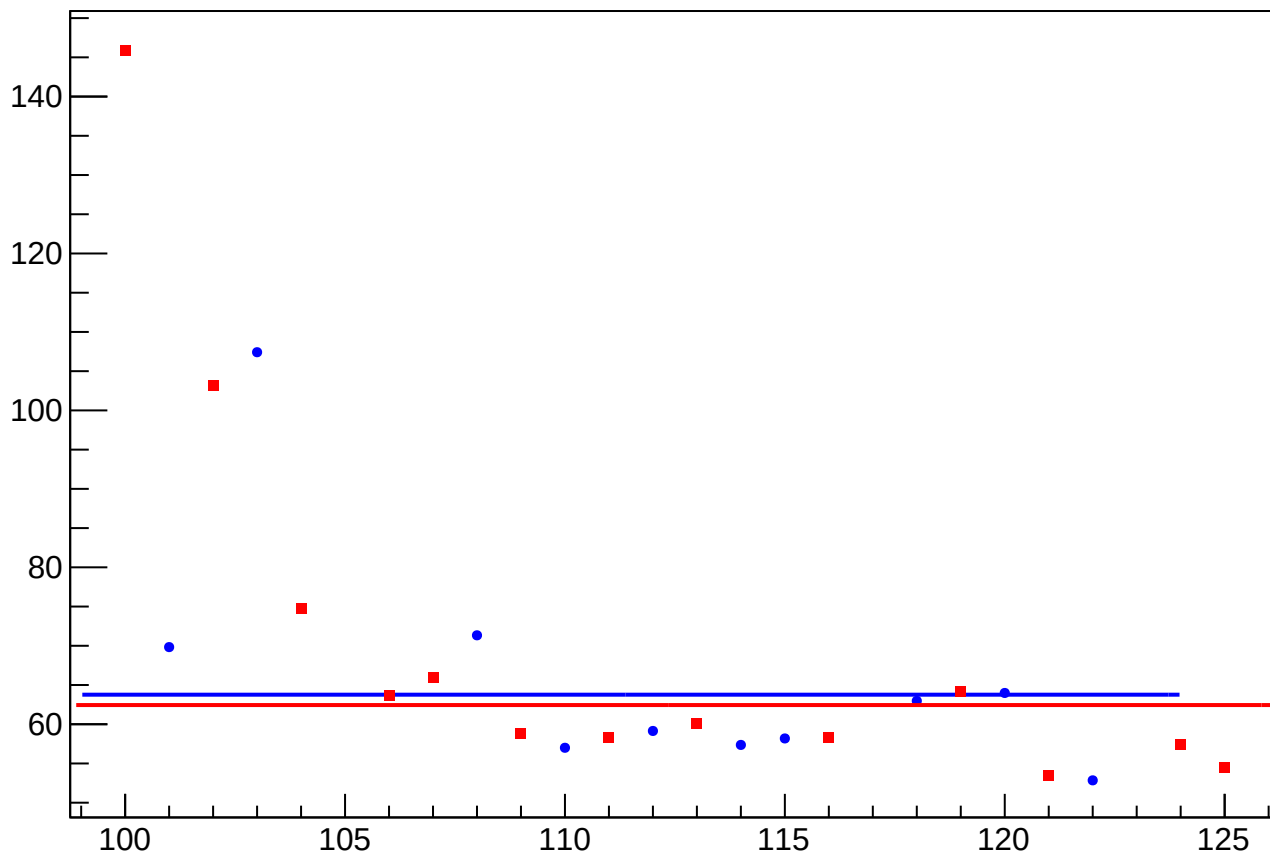
Right: 57.628 $\pm$ 21.389 χ^2 /NDF: 25.7/22

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: 57.628 $\pm$ 21.389 χ^2 /NDF: 25.7/22

eigen_cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 63.766 $\pm$ 0.023 χ^2 /NDF: 271010.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 62.445 $\pm$ 0.020 χ^2 /NDF: 327495.6/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

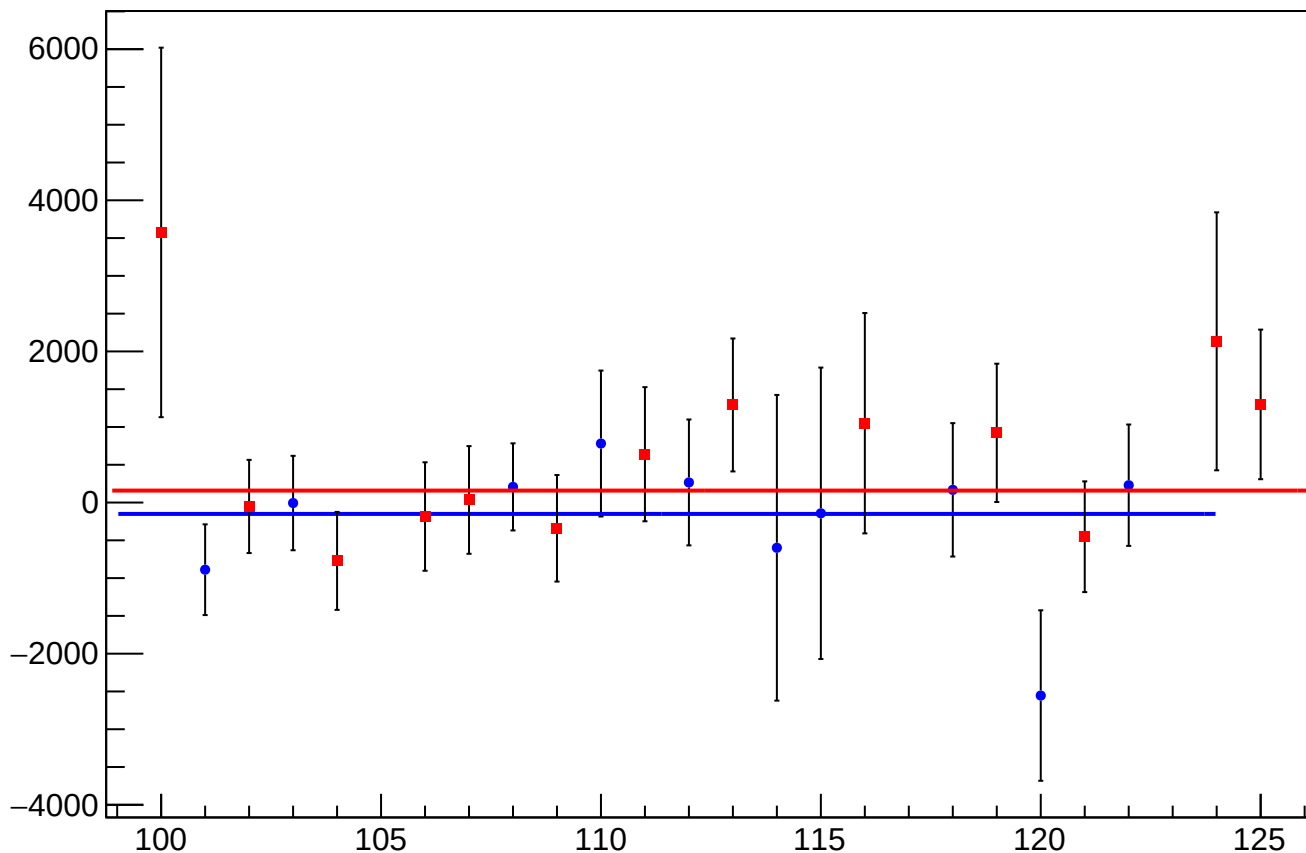
Right: 63.028 $\pm$ 0.015 χ^2 /NDF: 600386.7/22

In: 63.766 $\pm$ 0.023 χ^2 /NDF:271010.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 63.028 $\pm$ 0.015 χ^2 /NDF: 600386.7/22

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: 158.413+/-232.178 χ^2/NDF : 11.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

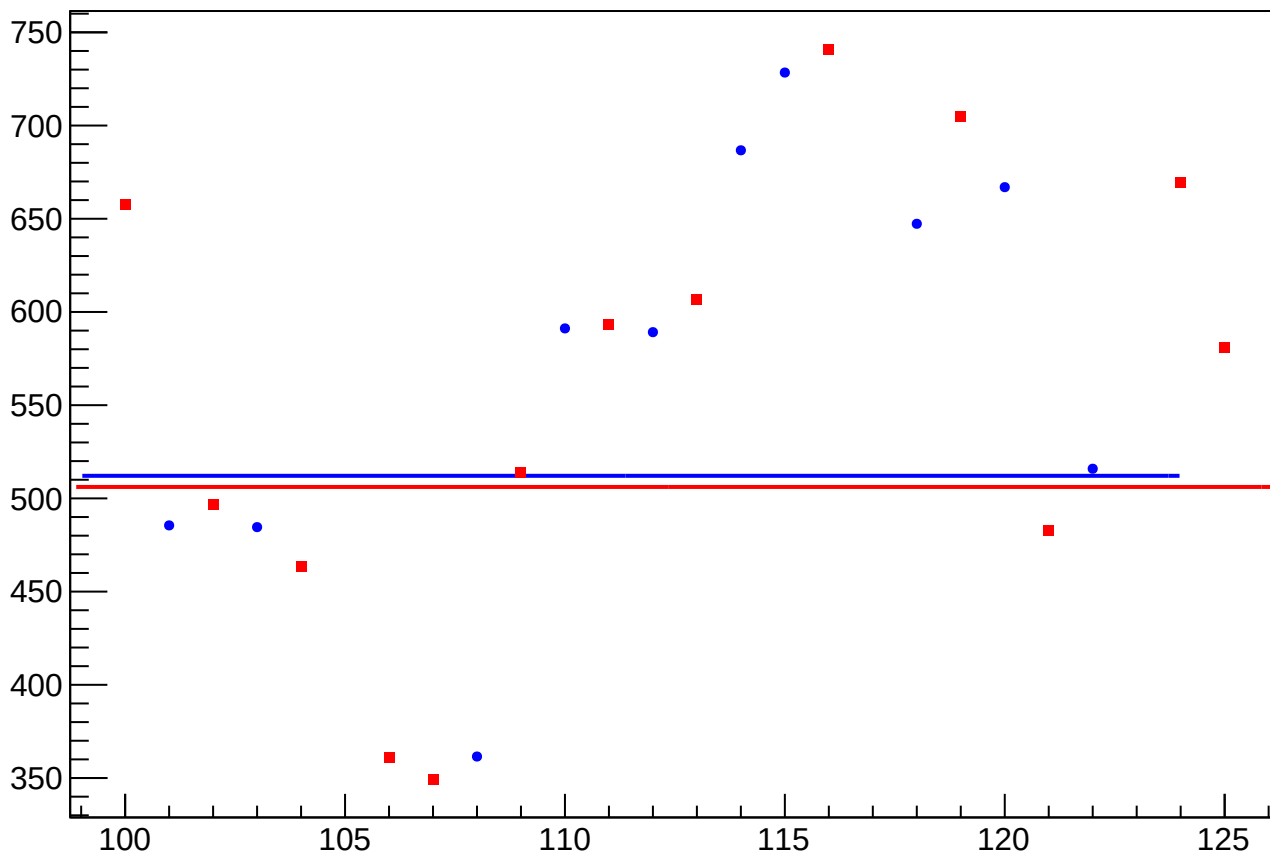
Right: 20.330+/-172.657 χ^2/NDF : 20.1/22

In: -150.499+/-258.245 χ^2/NDF : 8.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.330+/-172.657 χ^2/NDF : 20.1/22

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: 506.139 $\pm$ 0.164 χ^2 /NDF: 419170.4/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

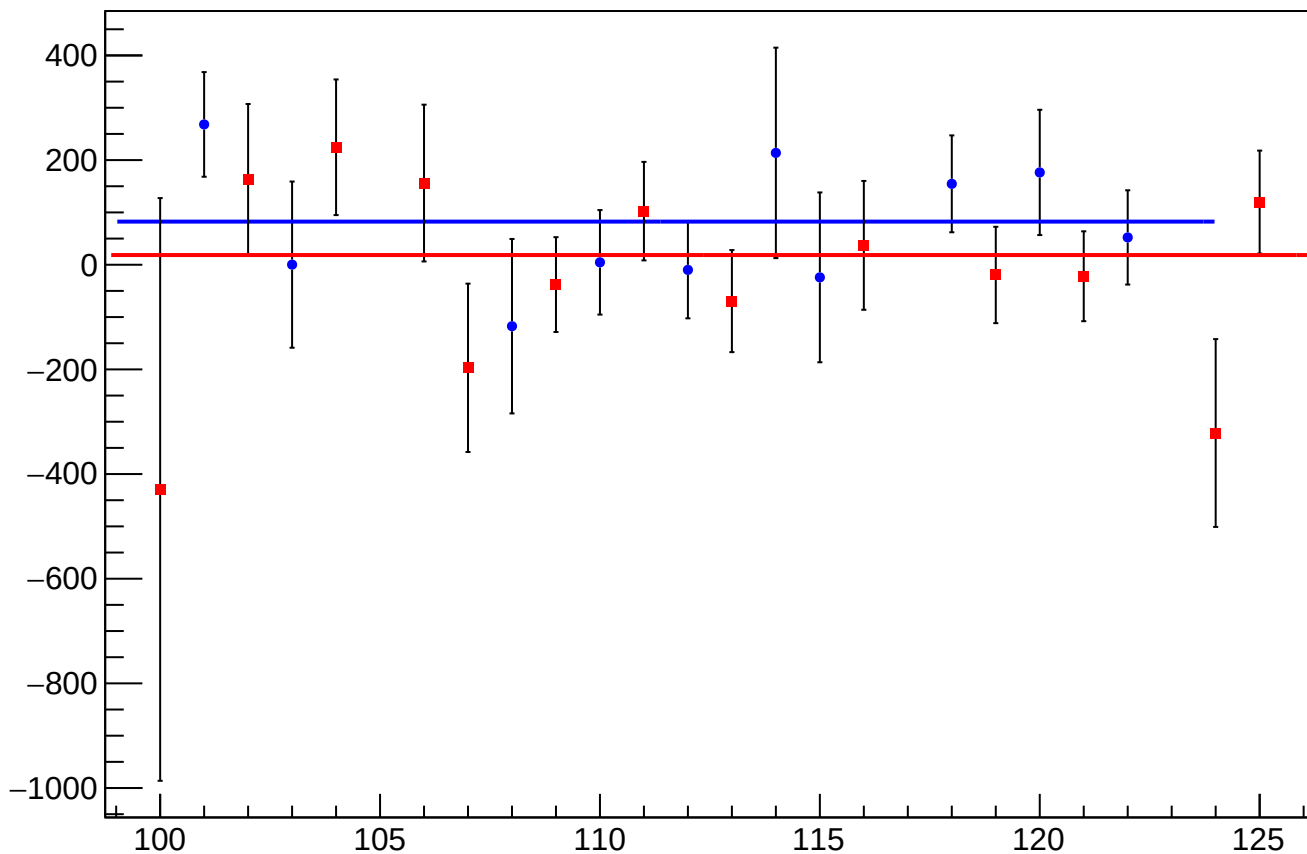
Right: 508.810 $\pm$ 0.122 χ^2 /NDF: 719339.9/22

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: 508.810 $\pm$ 0.122 χ^2 /NDF: 719339.9/22

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: 18.549+/-31.822 χ^2/NDF : 13.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

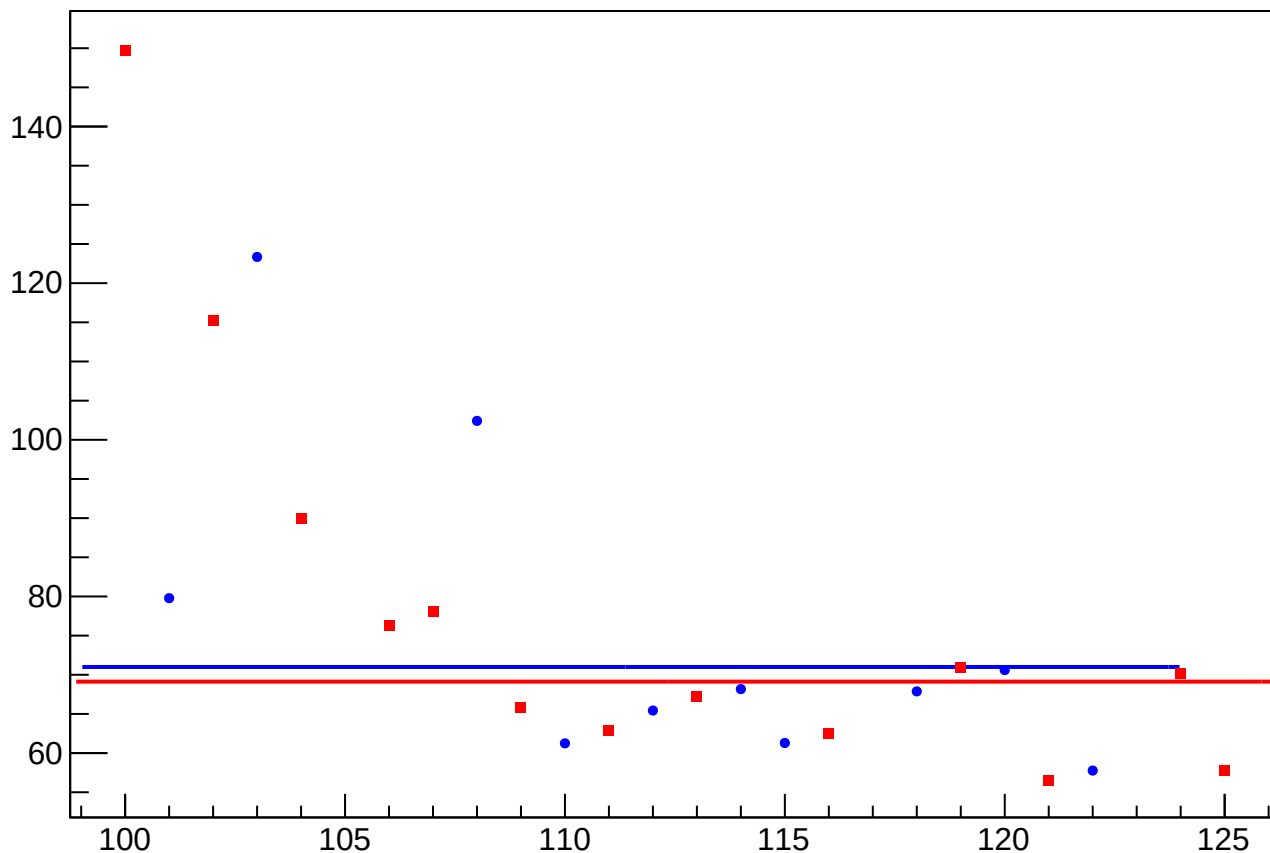
Right: 46.441+/-23.887 χ^2/NDF : 24.6/22

In: 82.443+/-36.154 χ^2/NDF : 9.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.441+/-23.887 χ^2/NDF : 24.6/22

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 70.996+/-0.026 χ^2/NDF : 383125.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 69.126+/-0.023 χ^2/NDF : 397096.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

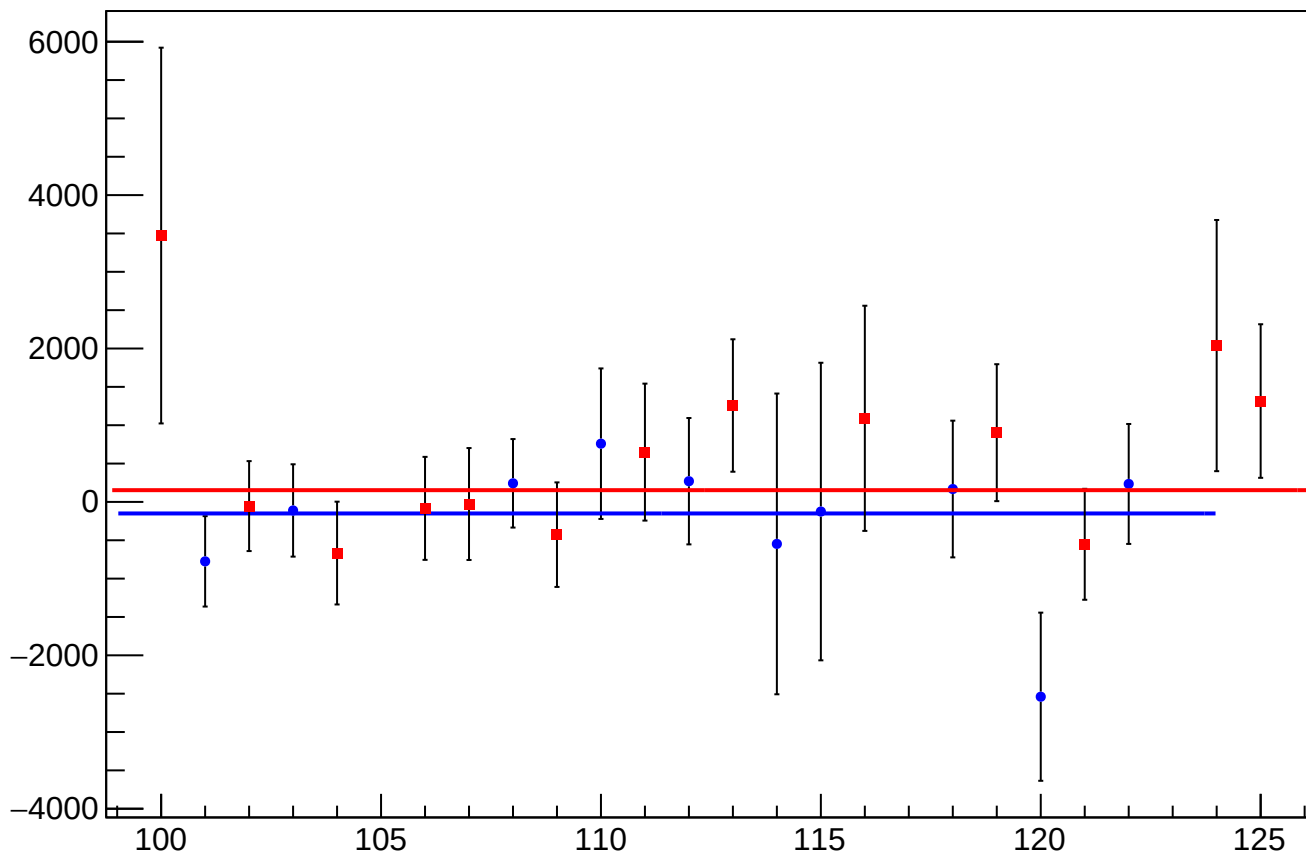
Right: 69.942+/-0.017 χ^2/NDF : 783236.1/22

In: 70.996+/-0.026 χ^2/NDF :383125.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 69.942+/-0.017 χ^2/NDF : 783236.1/22

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: 153.200+/-228.514 χ^2/NDF : 11.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

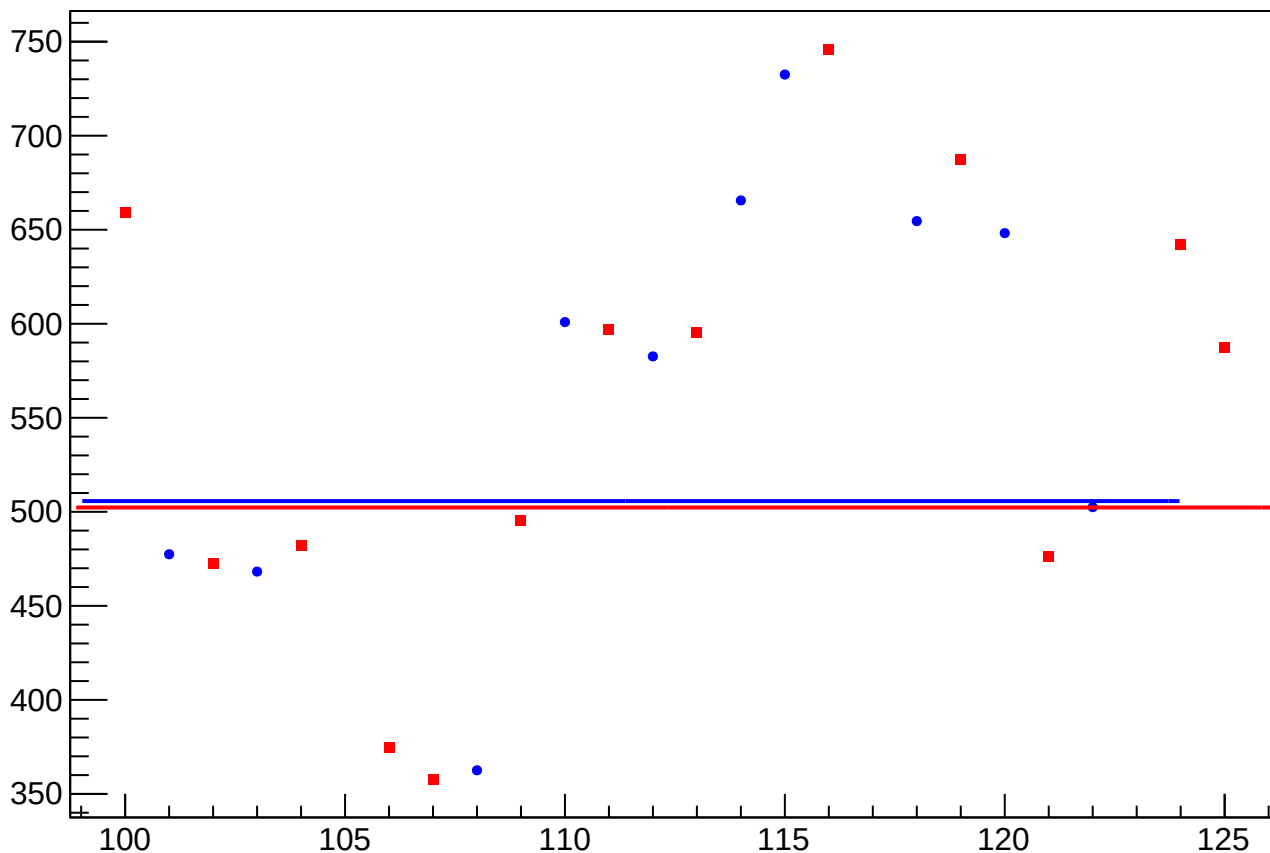
Right: 17.823+/-170.109 χ^2/NDF : 19.7/22

In: -150.438+/-254.761 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.823+/-170.109 χ^2/NDF : 19.7/22

asym_sam_13_57_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 505.711+/-0.180 χ^2/NDF : 301999.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 502.300+/-0.162 χ^2/NDF : 384827.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

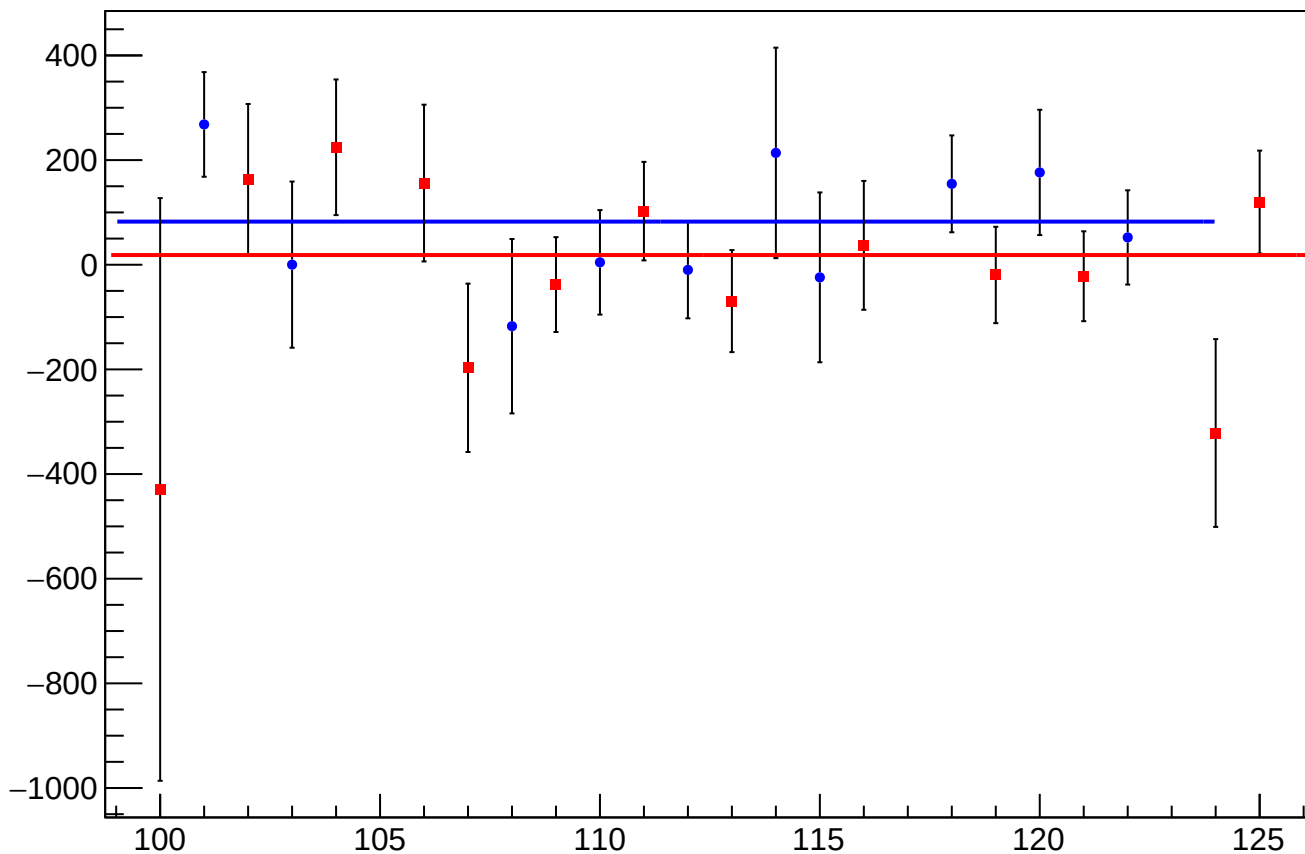
Right: 503.821+/-0.120 χ^2/NDF : 687026.2/22

In: 505.711+/-0.180 χ^2/NDF : 301999.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 503.821+/-0.120 χ^2/NDF : 687026.2/22

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: 18.549 $\pm$ 31.822 χ^2 /NDF: 13.9/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

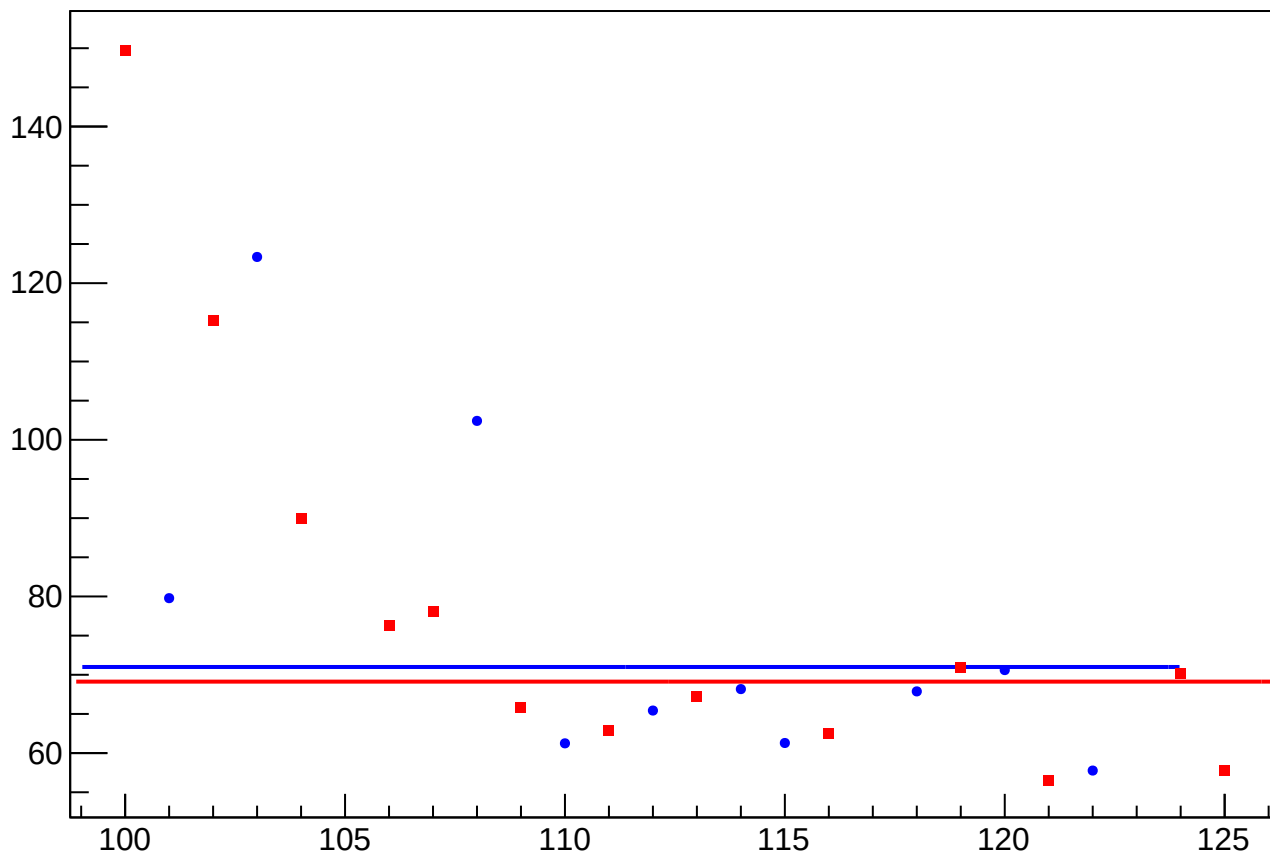
Right: 46.441 $\pm$ 23.887 χ^2 /NDF: 24.6/22

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: 46.441 $\pm$ 23.887 χ^2 /NDF: 24.6/22

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: 69.126+/-0.023 χ^2/NDF : 397095.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

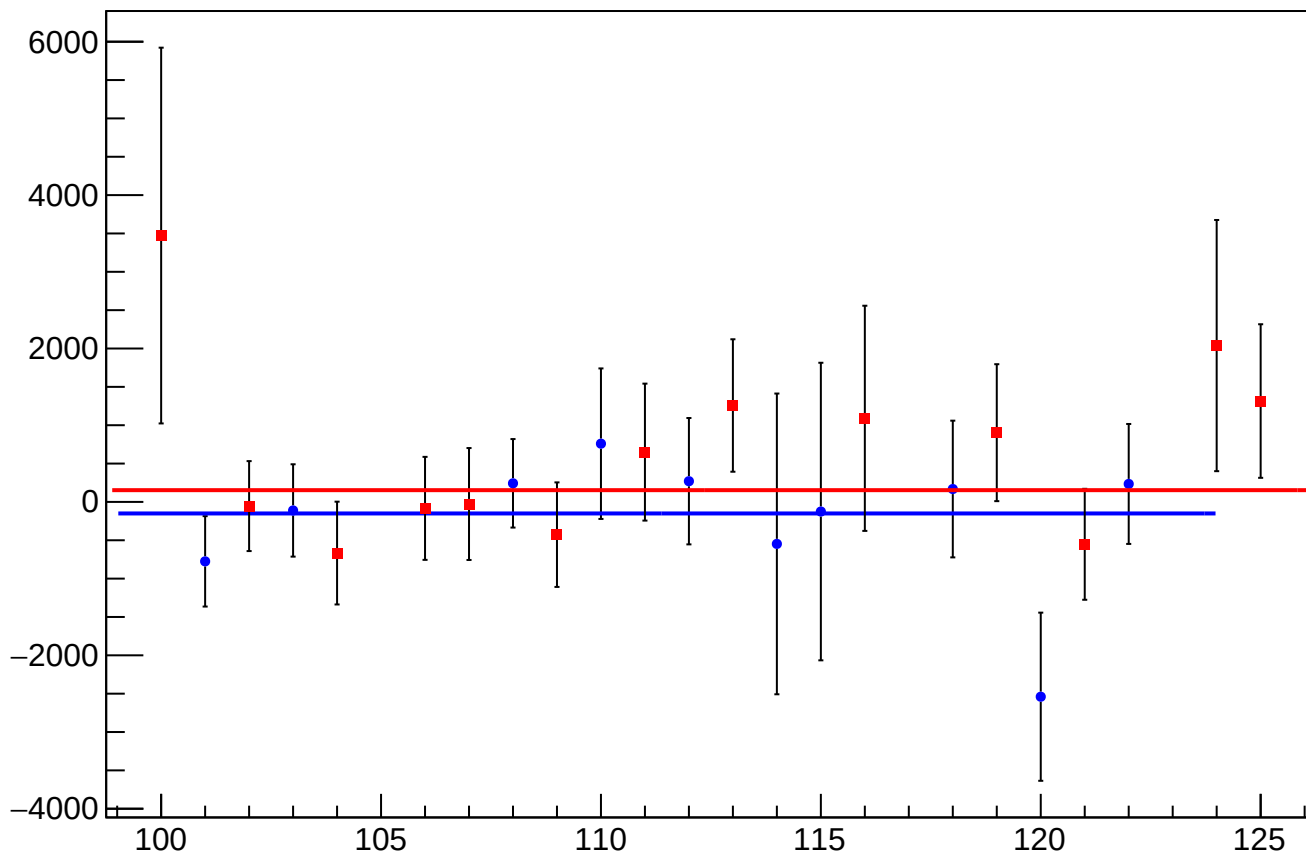
Right: 69.942+/-0.017 χ^2/NDF : 783239.6/22

In: 70.996+/-0.026 χ^2/NDF : 383130.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.942+/-0.017 χ^2/NDF : 783239.6/22

asym_sam_13_57_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -150.437+/-254.761 χ^2/NDF : 7.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.198+/-228.514 χ^2/NDF : 11.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

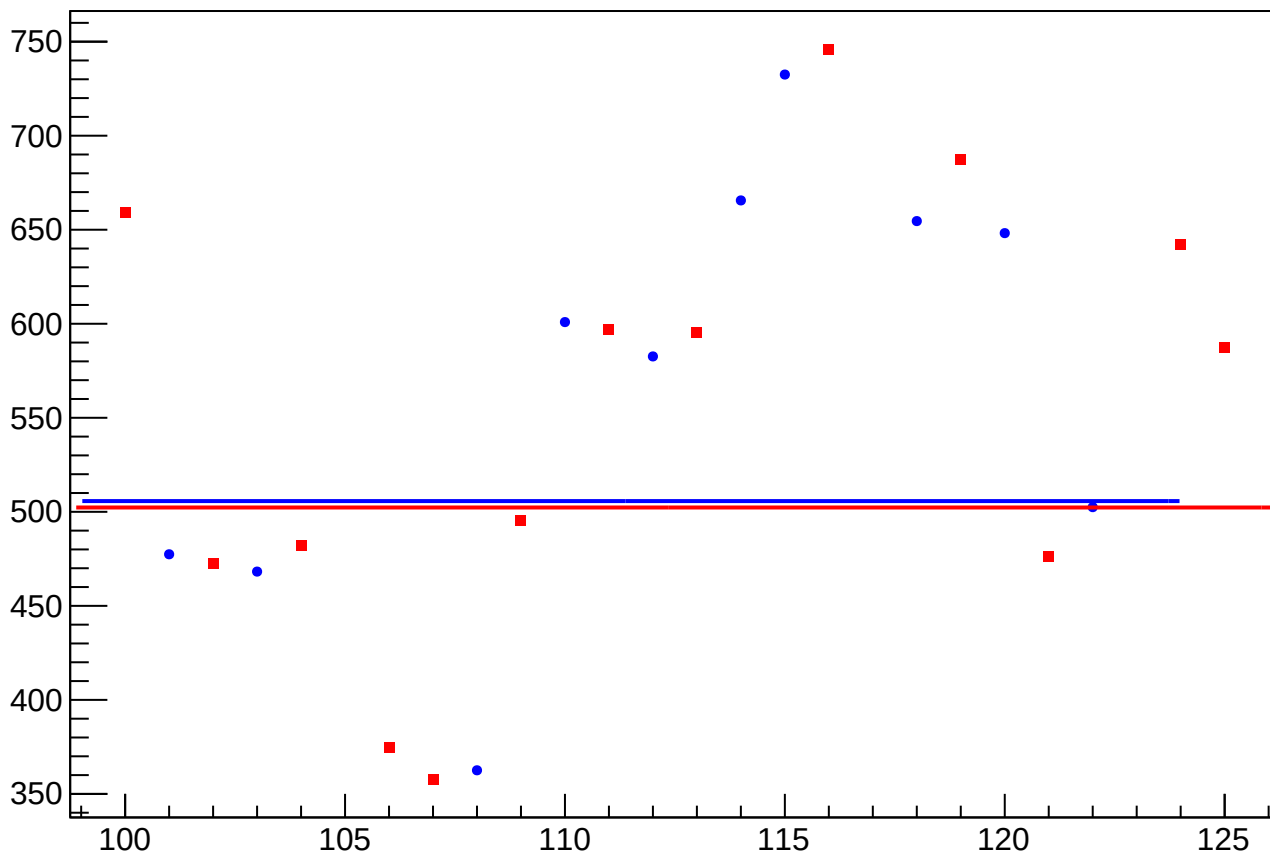
Right: 17.823+/-170.109 χ^2/NDF : 19.7/22

In: -150.437+/-254.761 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.823+/-170.109 χ^2/NDF : 19.7/22

asym_sam_13_57_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 505.710+/-0.180 χ^2/NDF : 302003.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 502.299+/-0.162 χ^2/NDF : 384829.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

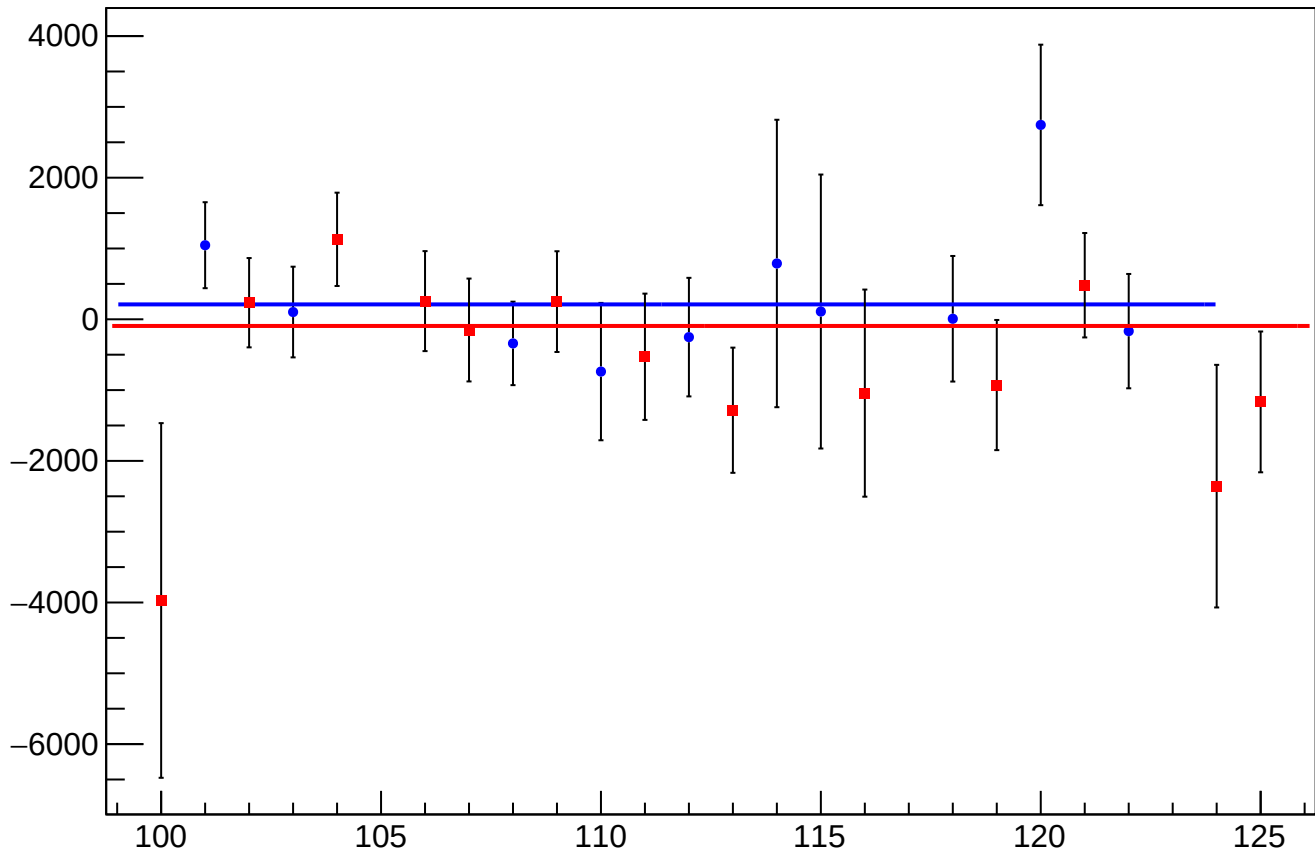
Right: 503.820+/-0.120 χ^2/NDF : 687031.8/22

In: 505.710+/-0.180 χ^2/NDF : 302003.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 503.820+/-0.120 χ^2/NDF : 687031.8/22

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: -94.108 $\pm$ 234.206 χ^2 /NDF: 13.4/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

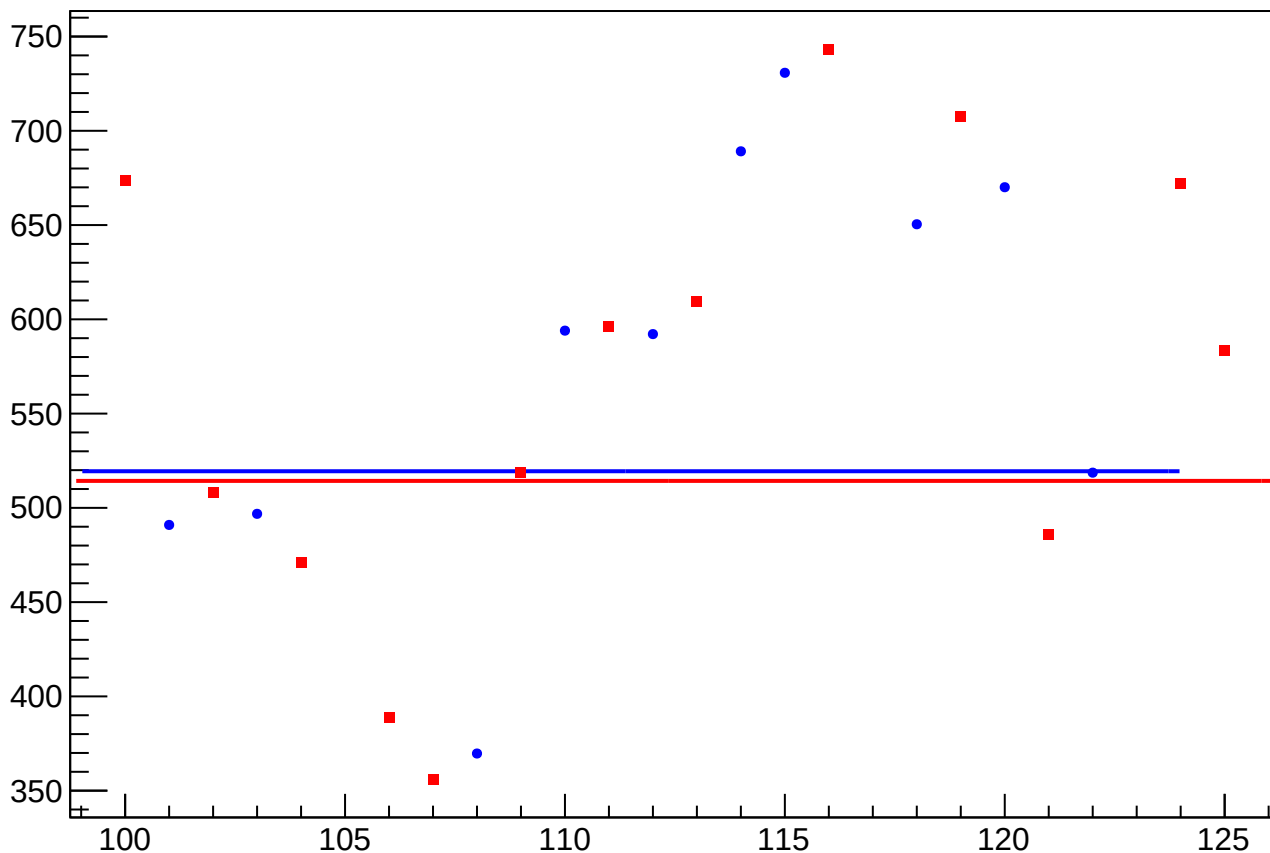
Right: 41.338 $\pm$ 174.495 χ^2 /NDF: 23.6/22

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: 41.338 $\pm$ 174.495 χ^2 /NDF: 23.6/22

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: 514.303+/-0.166 χ^2/NDF : 382537.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

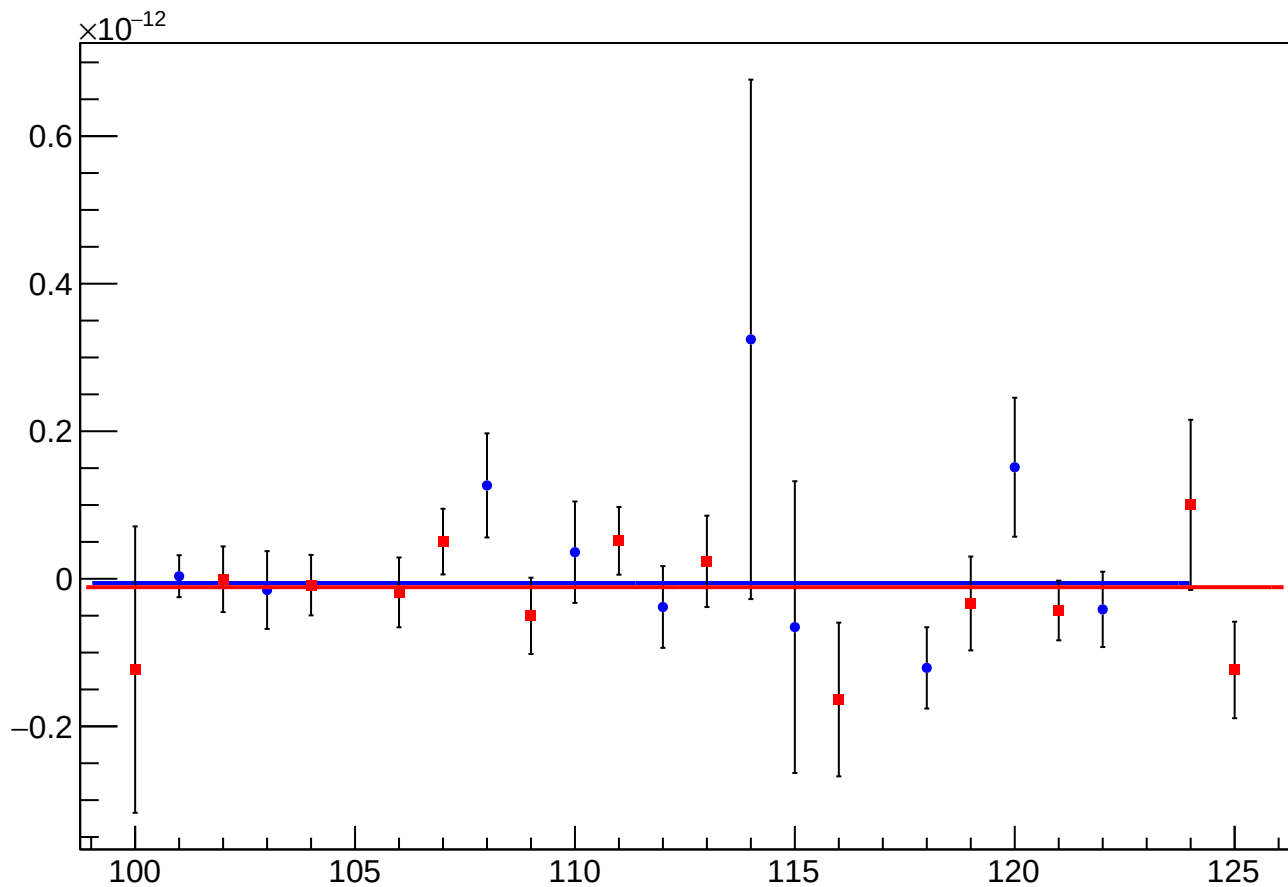
Right: 516.580+/-0.123 χ^2/NDF : 662663.4/22

In: 519.422+/-0.185 χ^2/NDF : 279701.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 516.580+/-0.123 χ^2/NDF : 662663.4/22

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 : 11.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

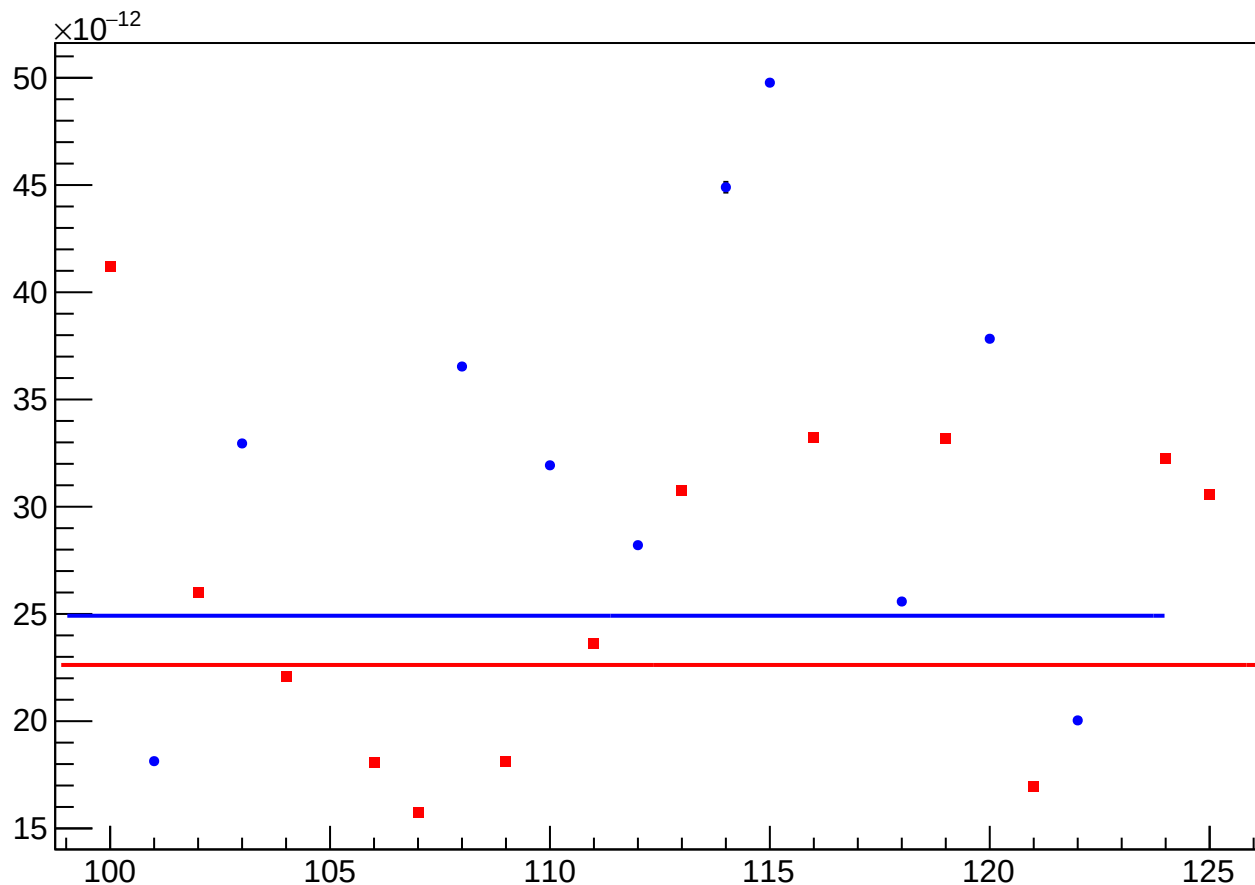
Right: -0.000+/-0.000 χ^2/NDF : 24.9/22

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 : 24.9/22

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 : 305812.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

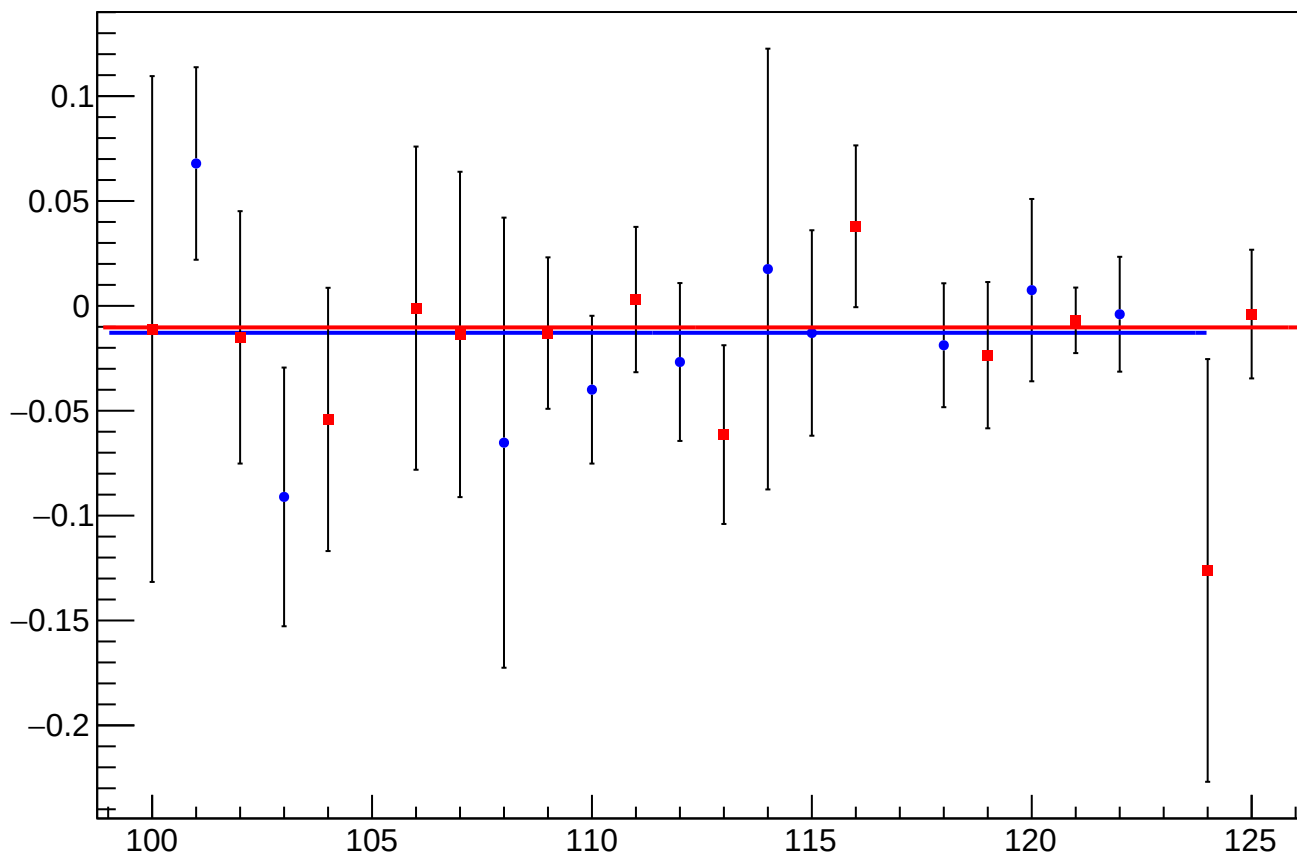
Right: 0.000+/-0.000 χ^2/NDF : 661874.5/22

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 : 661874.5/22

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 ± 0.010 χ^2/NDF : 5.2/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

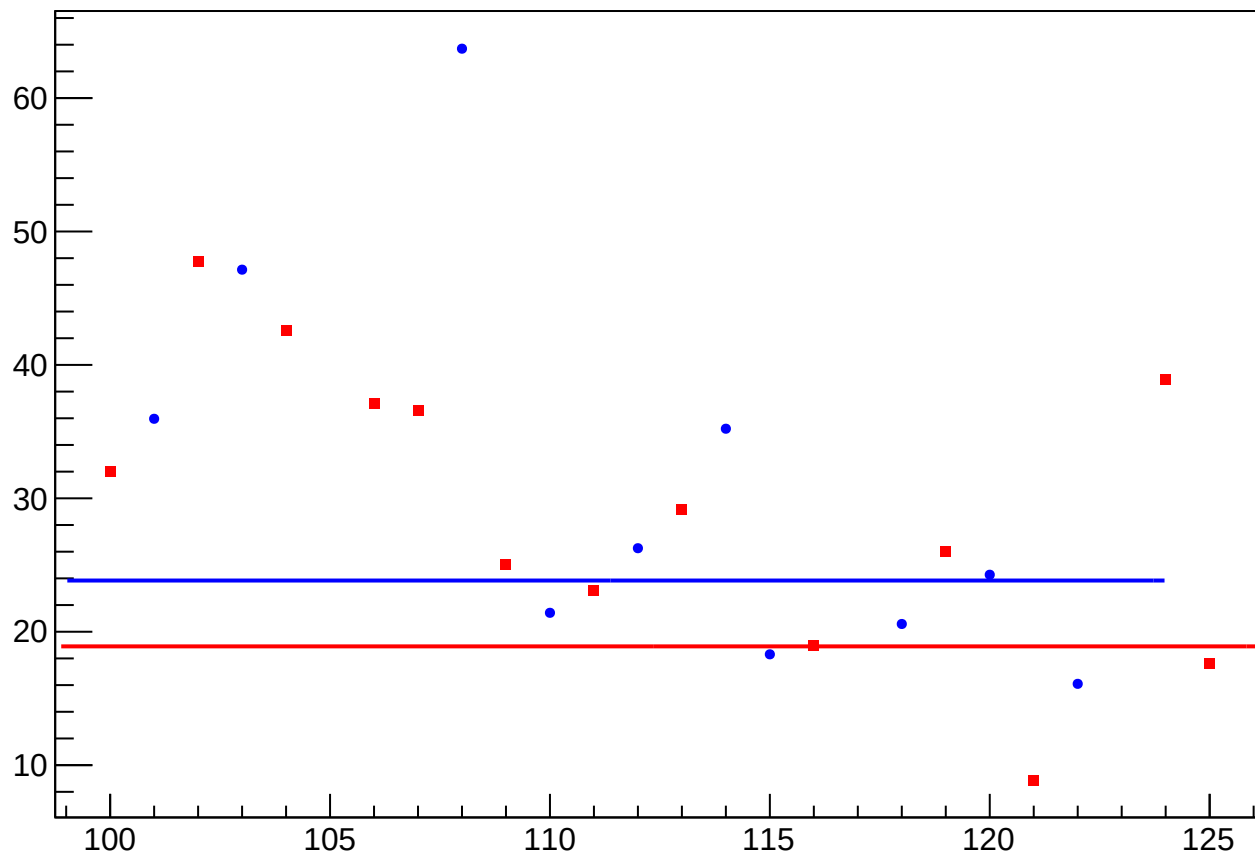
Right: -0.011 ± 0.008 χ^2/NDF : 11.4/22

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 : 11.4/22

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: 18.903+/-0.007 χ^2/NDF : 2181484.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

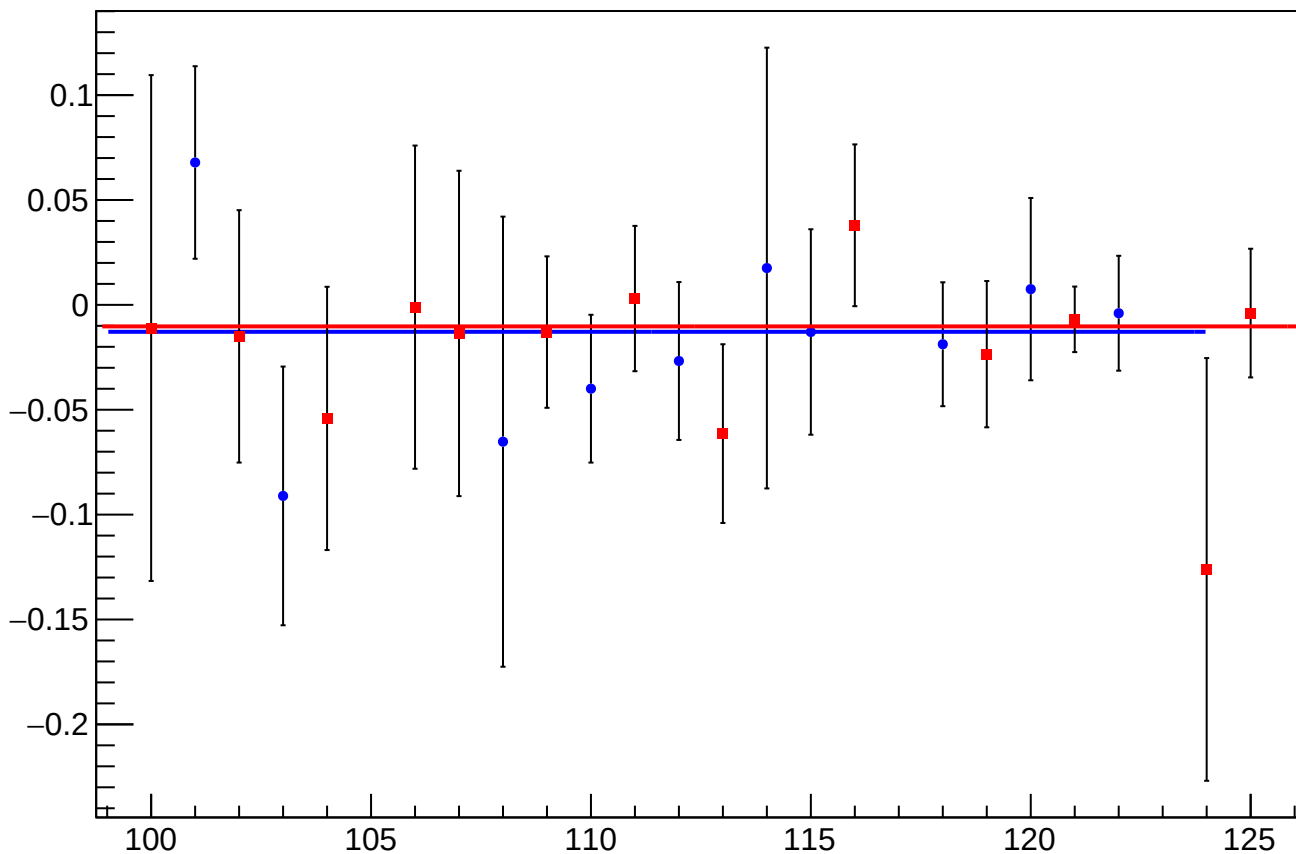
Right: 20.744+/-0.006 χ^2/NDF : 3312537.7/22

In: 23.839+/-0.009 χ^2/NDF : 952263.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.744+/-0.006 χ^2/NDF : 3312537.7/22

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 $\pm$ 0.013 χ^2 /NDF: 6.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.010 $\pm$ 0.010 χ^2 /NDF: 5.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

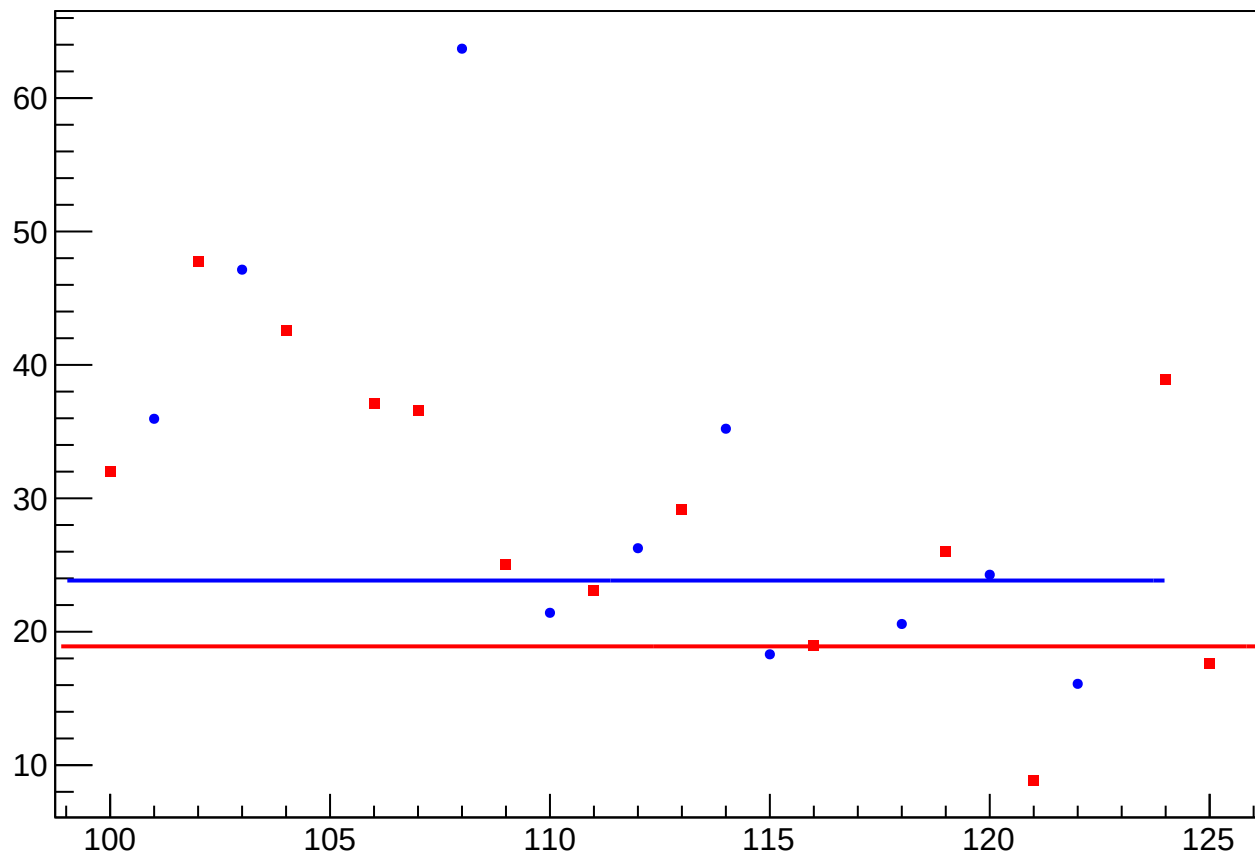
Right: -0.011 $\pm$ 0.008 χ^2 /NDF: 11.4/22

In: -0.013 $\pm$ 0.013 χ^2 /NDF:6.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.011 $\pm$ 0.008 χ^2 /NDF: 11.4/22

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: 18.903+/-0.007 χ^2/NDF : 2181484.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

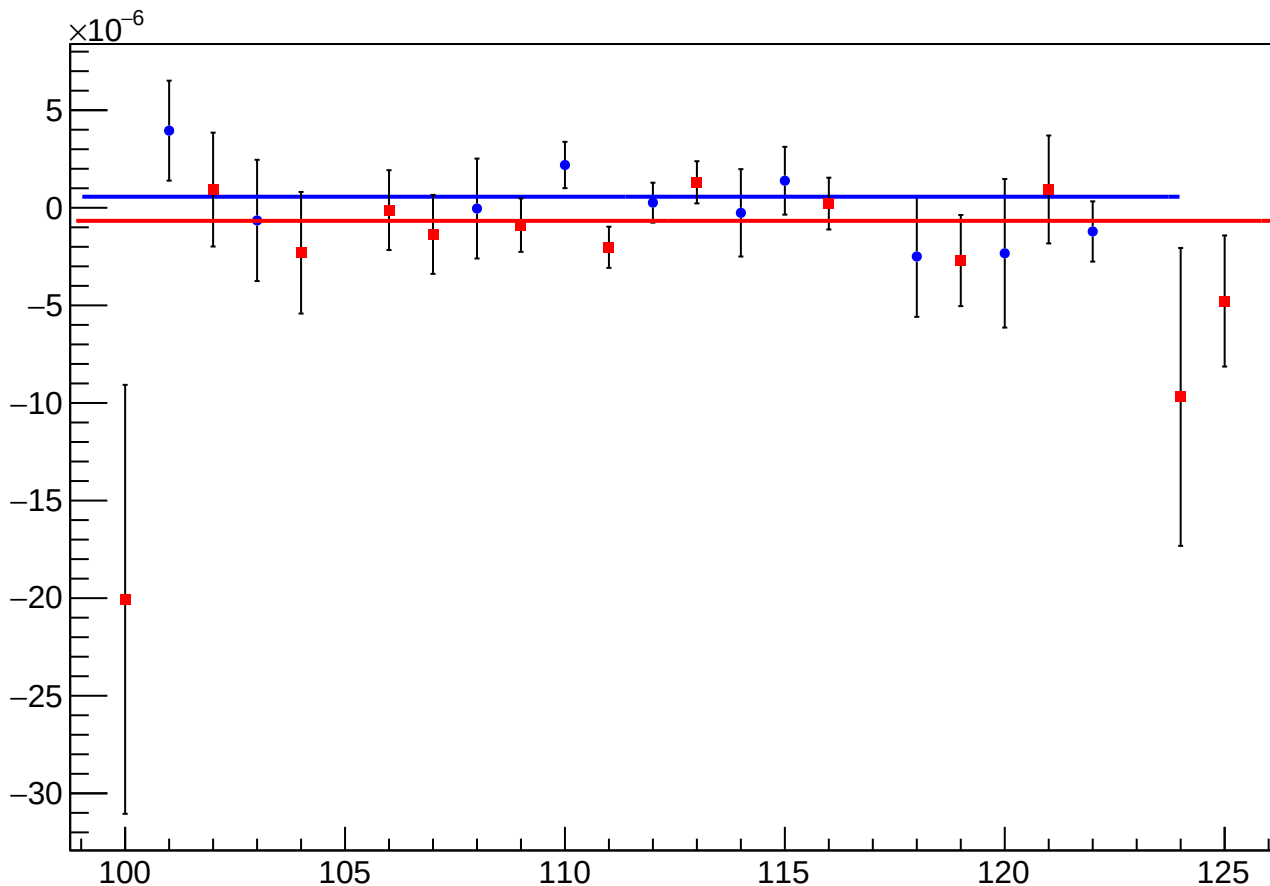
Right: 20.744+/-0.006 χ^2/NDF : 3312537.7/22

In: 23.839+/-0.009 χ^2/NDF : 952263.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.744+/-0.006 χ^2/NDF : 3312537.7/22

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 : 13.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

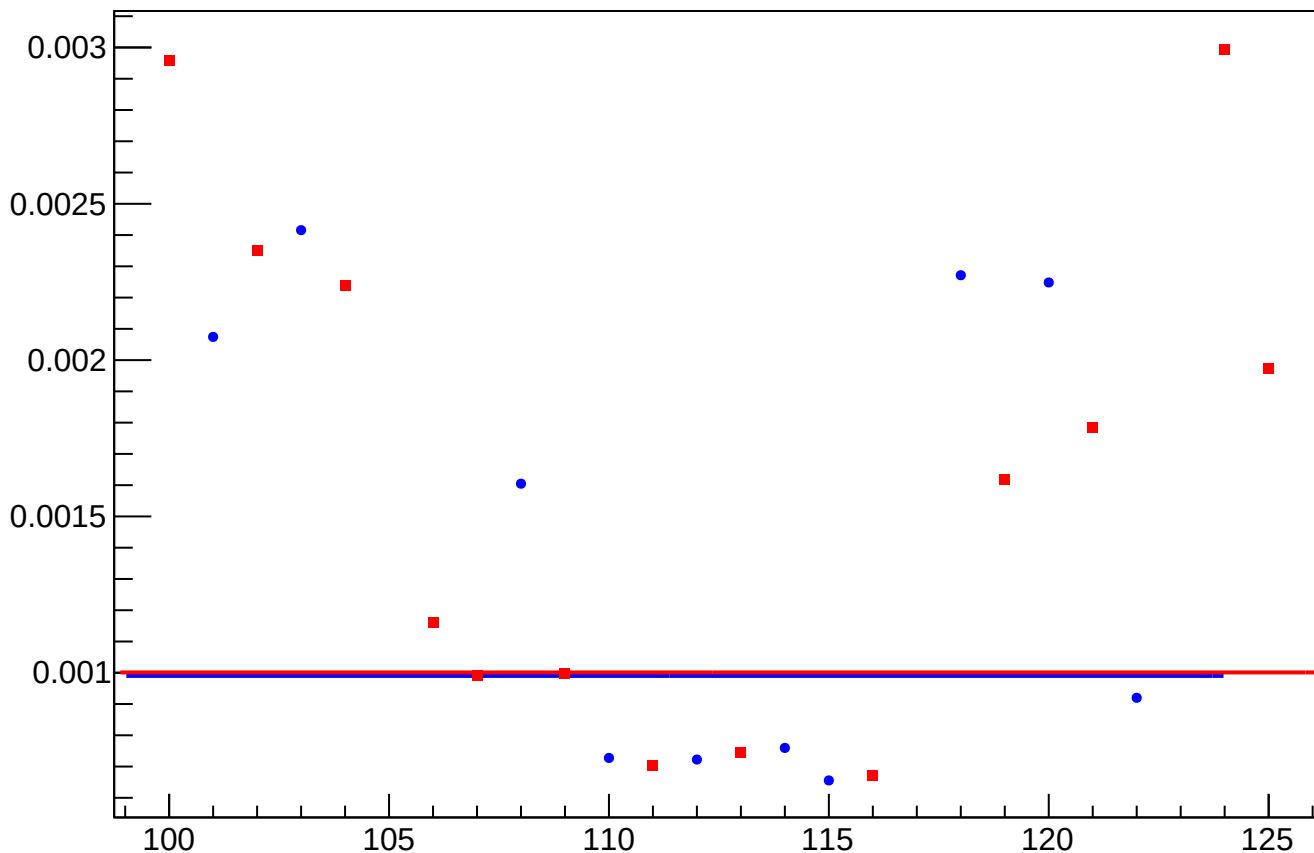
Right: -0.000+/-0.000 χ^2/NDF : 23.2/22

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 : 23.2/22

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 : 1815011.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

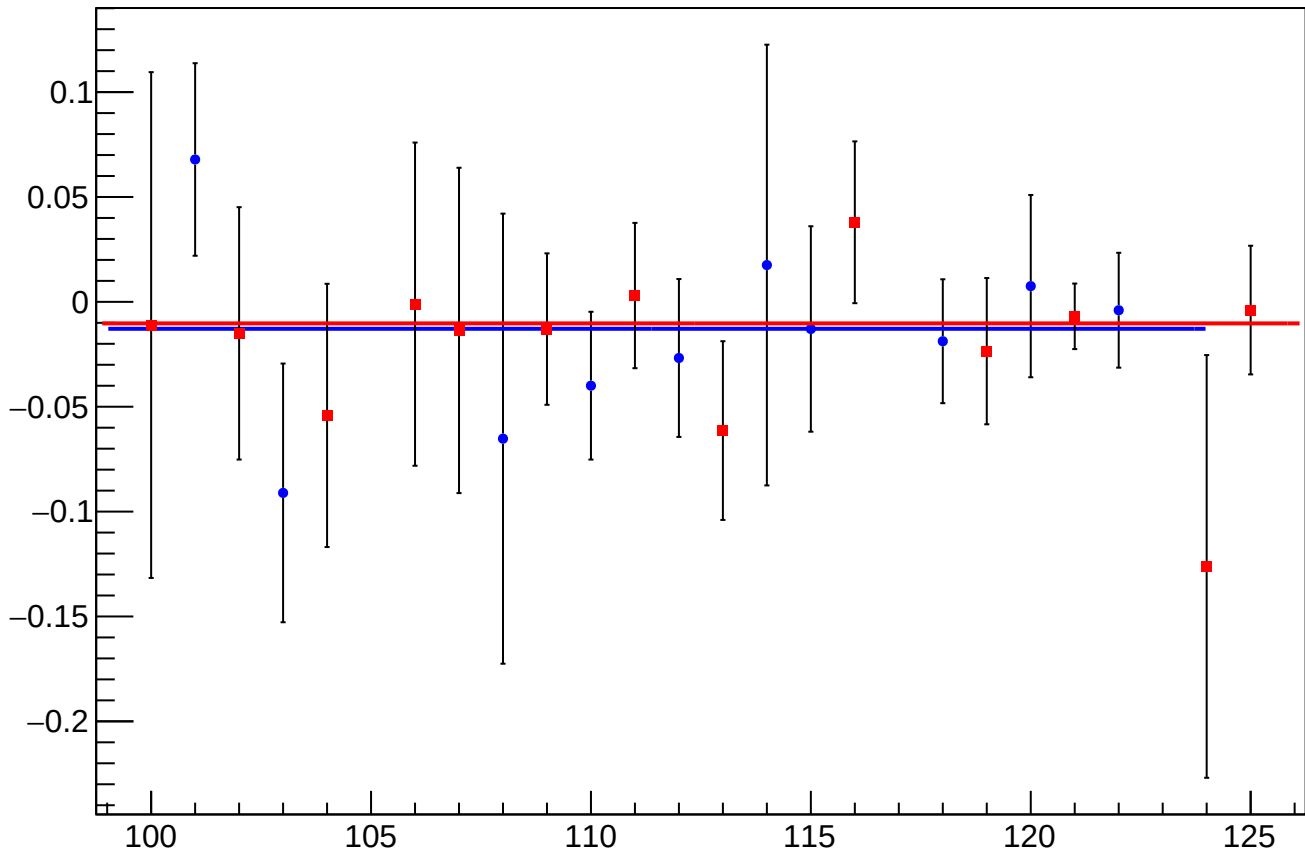
Right: 0.001+/-0.000 χ^2/NDF : 3606677.8/22

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 : 3606677.8/22

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+/-0.010 χ^2/NDF : 5.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

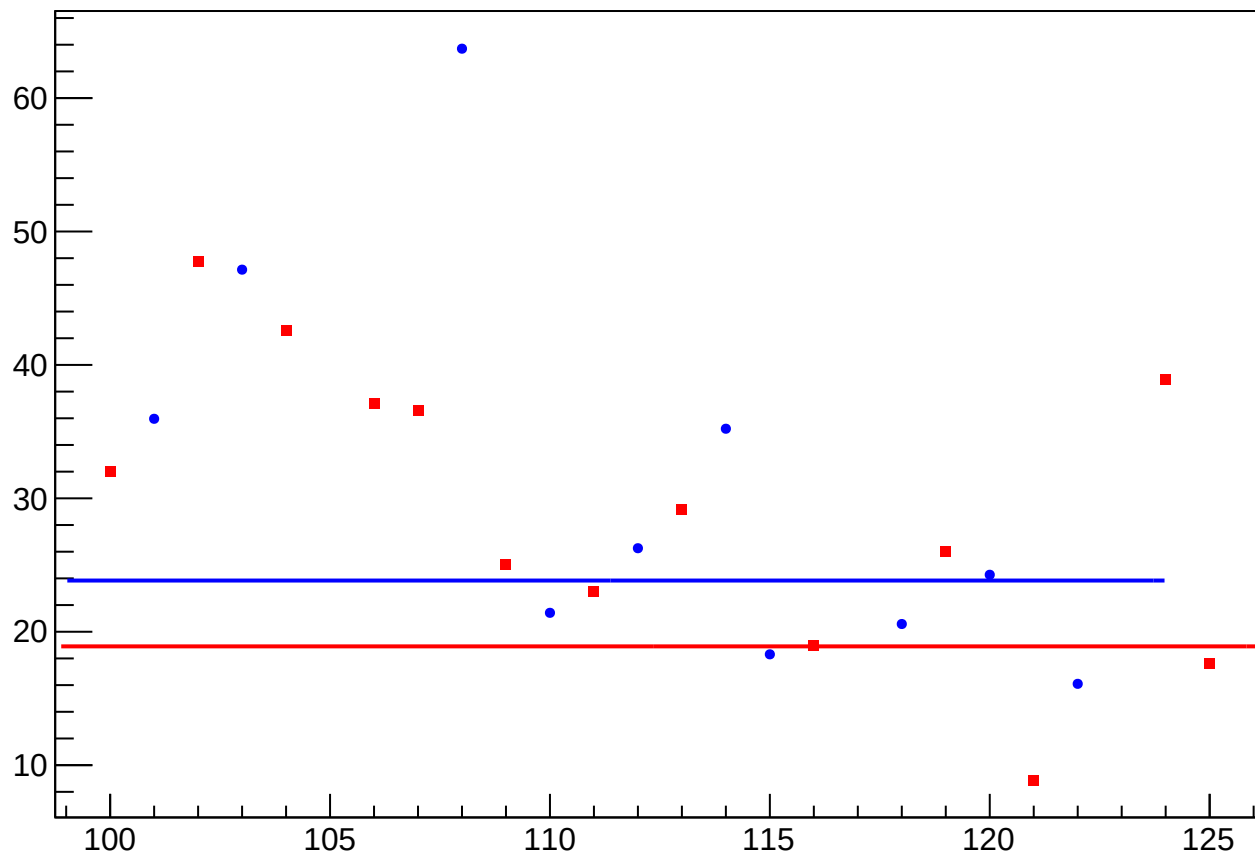
Right: -0.011+/-0.008 χ^2/NDF : 11.4/22

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 : 11.4/22

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: 18.904+/-0.007 χ^2/NDF : 2181178.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

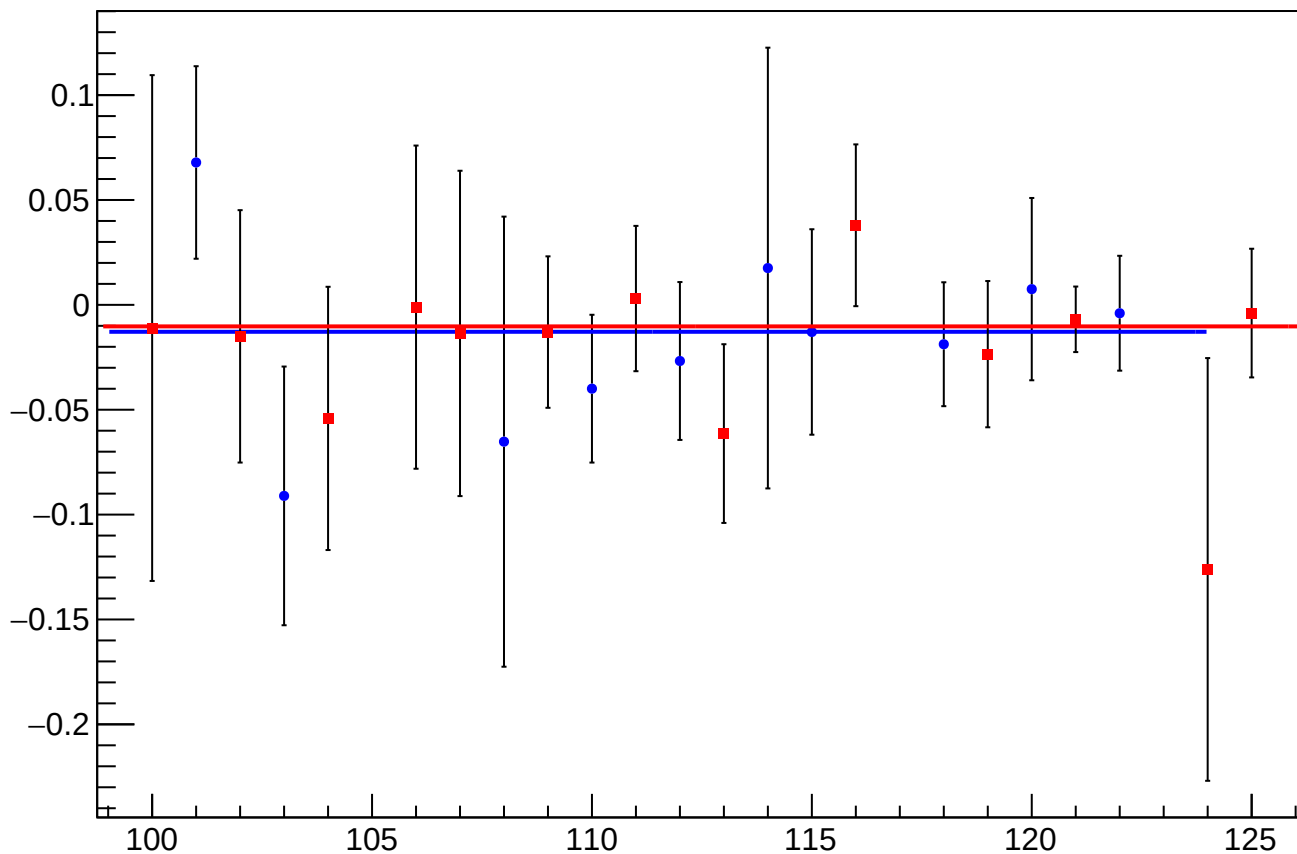
Right: 20.745+/-0.006 χ^2/NDF : 3312131.8/22

In: 23.839+/-0.009 χ^2/NDF : 952240.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.745+/-0.006 χ^2/NDF : 3312131.8/22

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 $\pm$ 0.013 χ^2 /NDF: 6.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.010 $\pm$ 0.010 χ^2 /NDF: 5.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

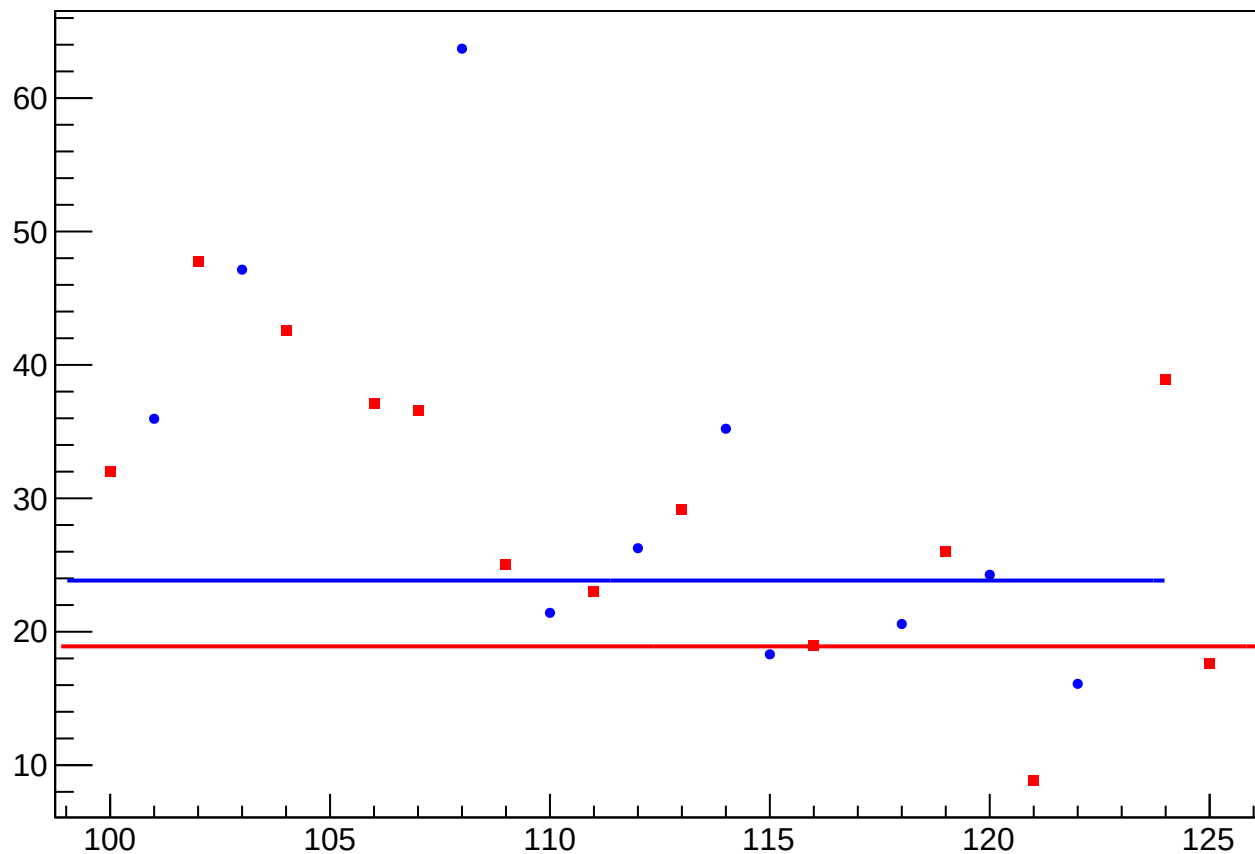
Right: -0.011 $\pm$ 0.008 χ^2 /NDF: 11.4/22

In: -0.013 $\pm$ 0.013 χ^2 /NDF:6.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.011 $\pm$ 0.008 χ^2 /NDF: 11.4/22

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: 18.904+/-0.007 χ^2/NDF : 2181178.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

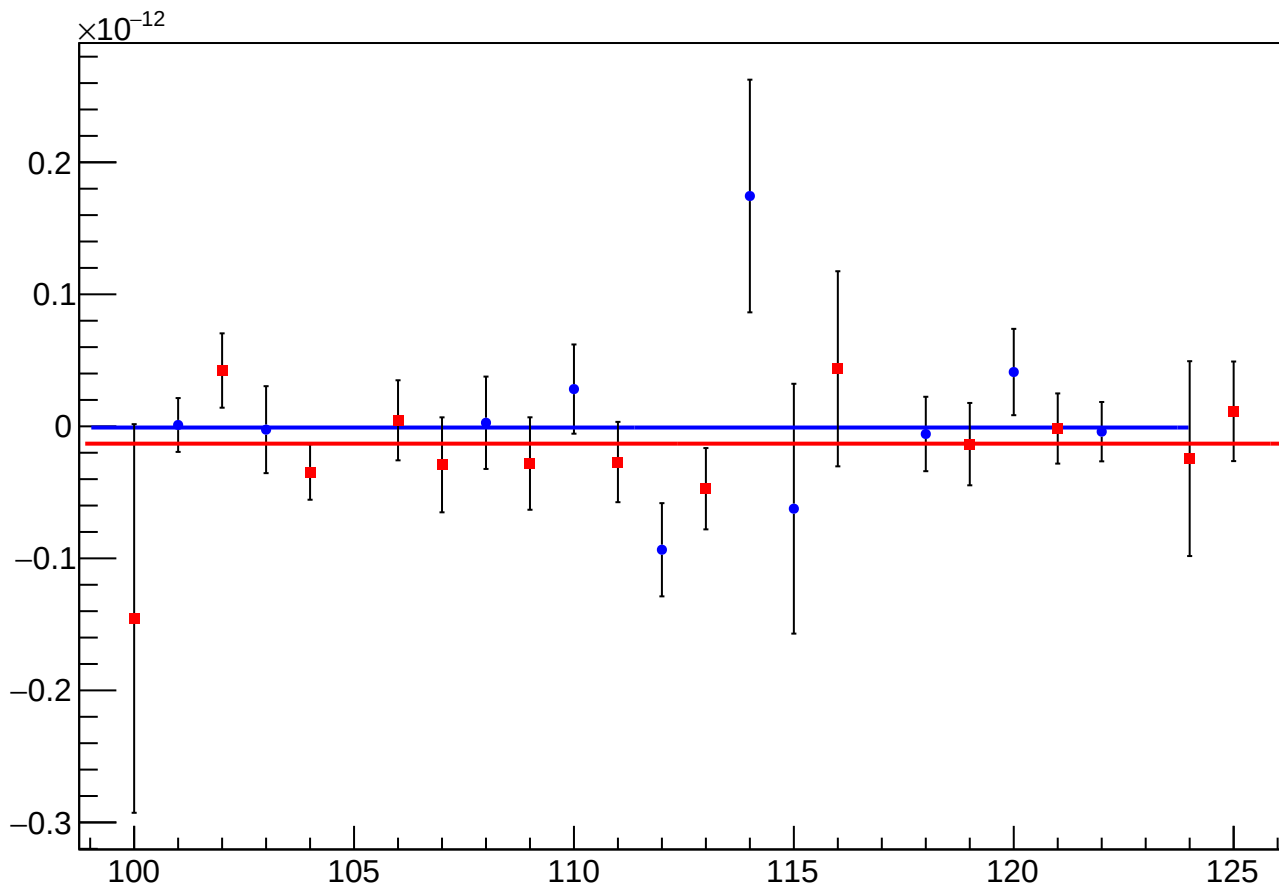
Right: 20.745+/-0.006 χ^2/NDF : 3312131.8/22

In: 23.839+/-0.009 χ^2/NDF : 952240.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.745+/-0.006 χ^2/NDF : 3312131.8/22

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 : 9.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

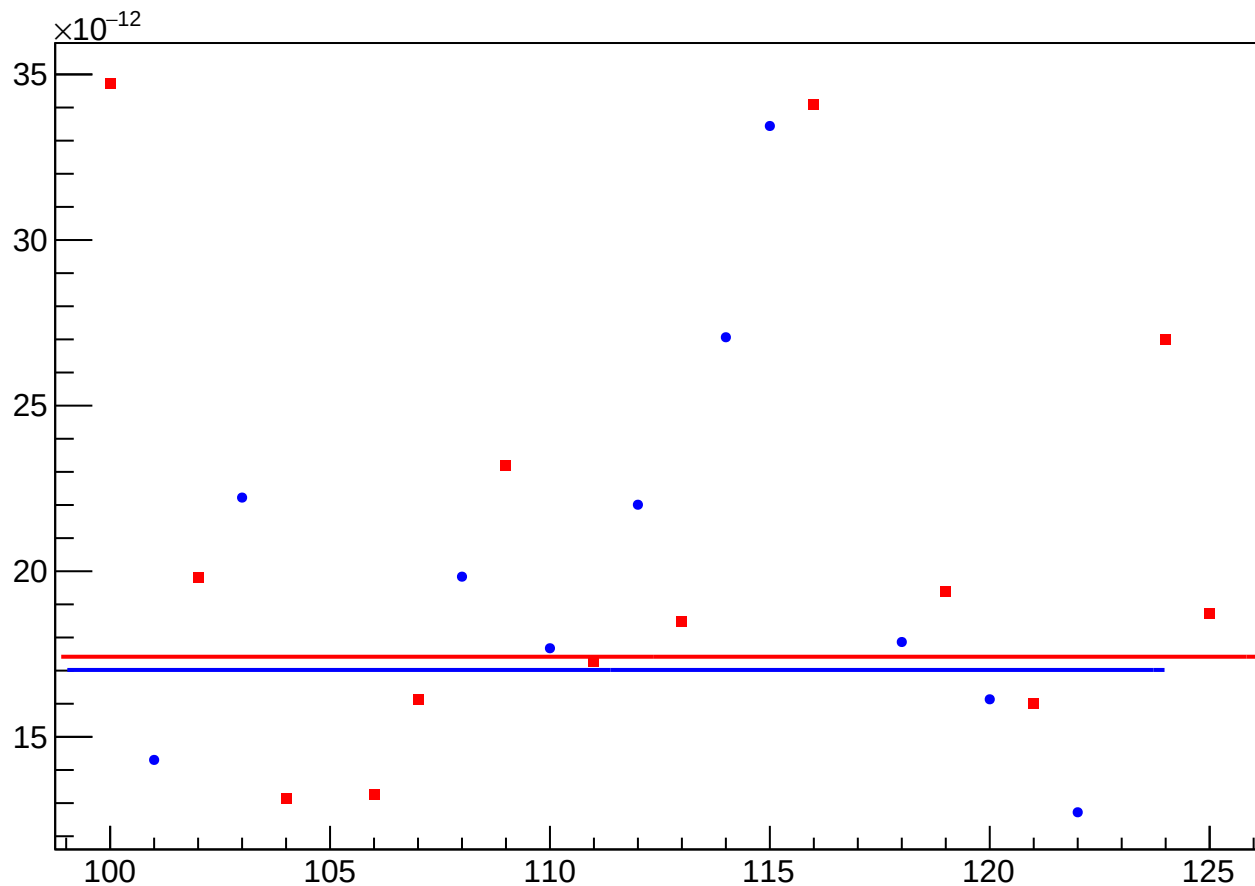
Right: -0.000+/-0.000 χ^2/NDF : 23.7/22

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 : 23.7/22

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 : 373848.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

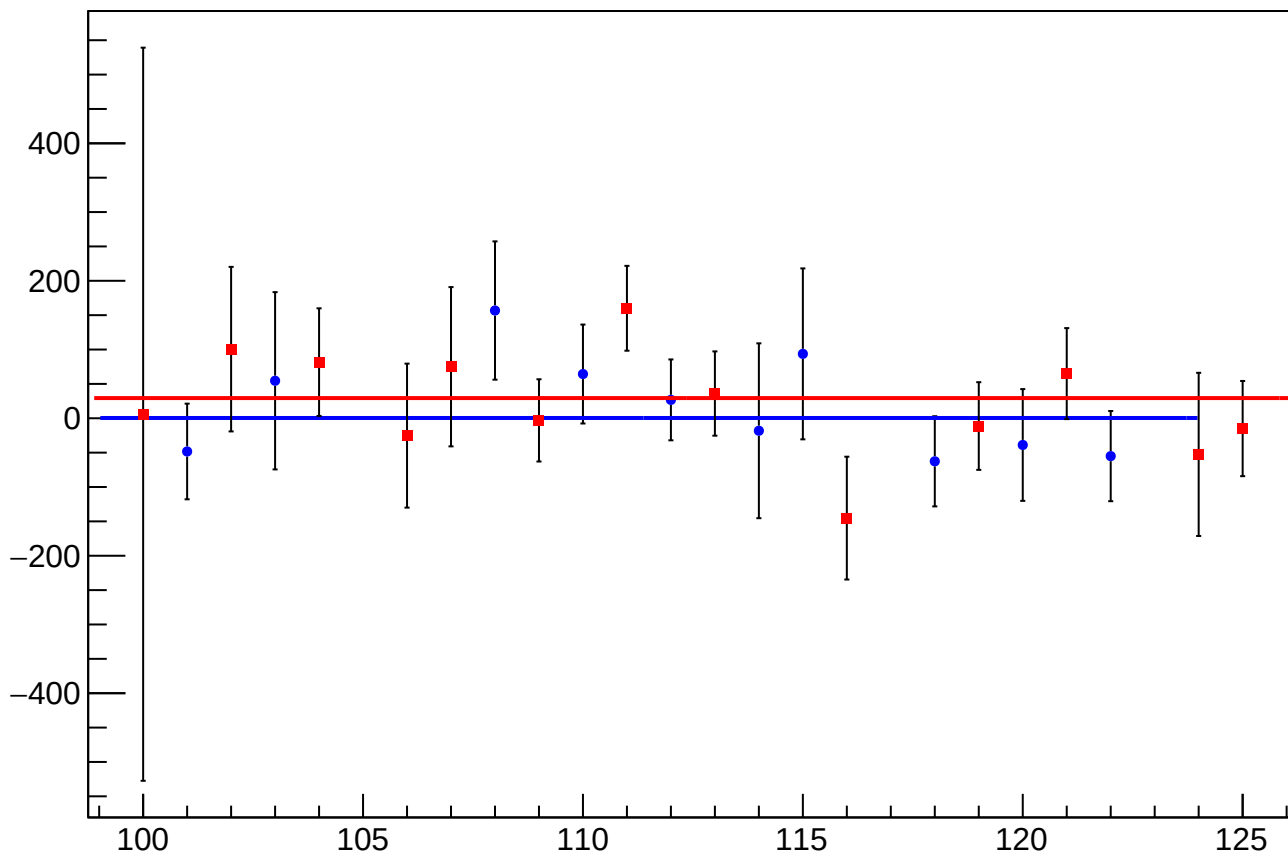
Right: 0.000+/-0.000 χ^2/NDF : 677241.8/22

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 : 677241.8/22

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: 29.380 $\pm$ 21.881 χ^2 /NDF: 11.4/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

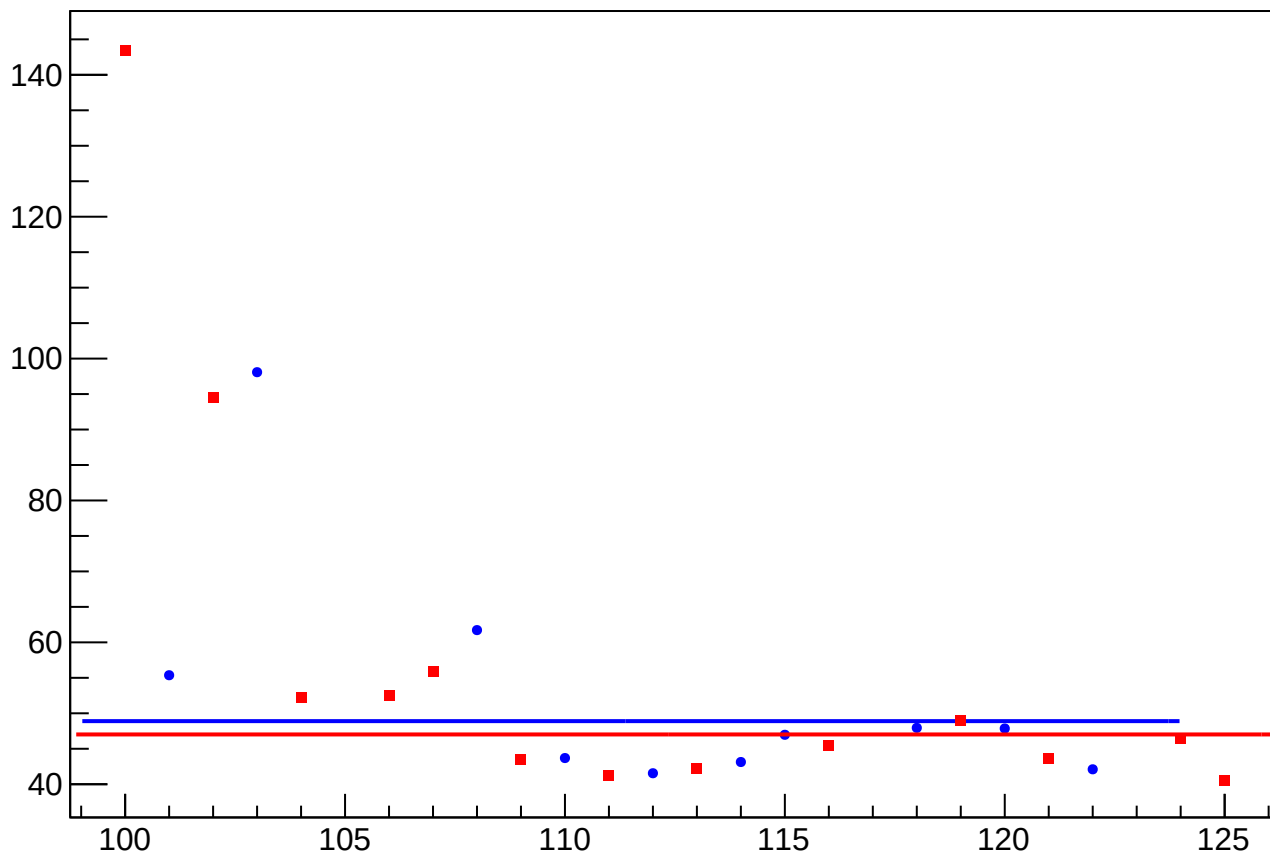
Right: 16.862 $\pm$ 16.487 χ^2 /NDF: 18.7/22

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: 16.862 $\pm$ 16.487 χ^2 /NDF: 18.7/22

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: 47.018+/-0.015 χ^2/NDF : 469485.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

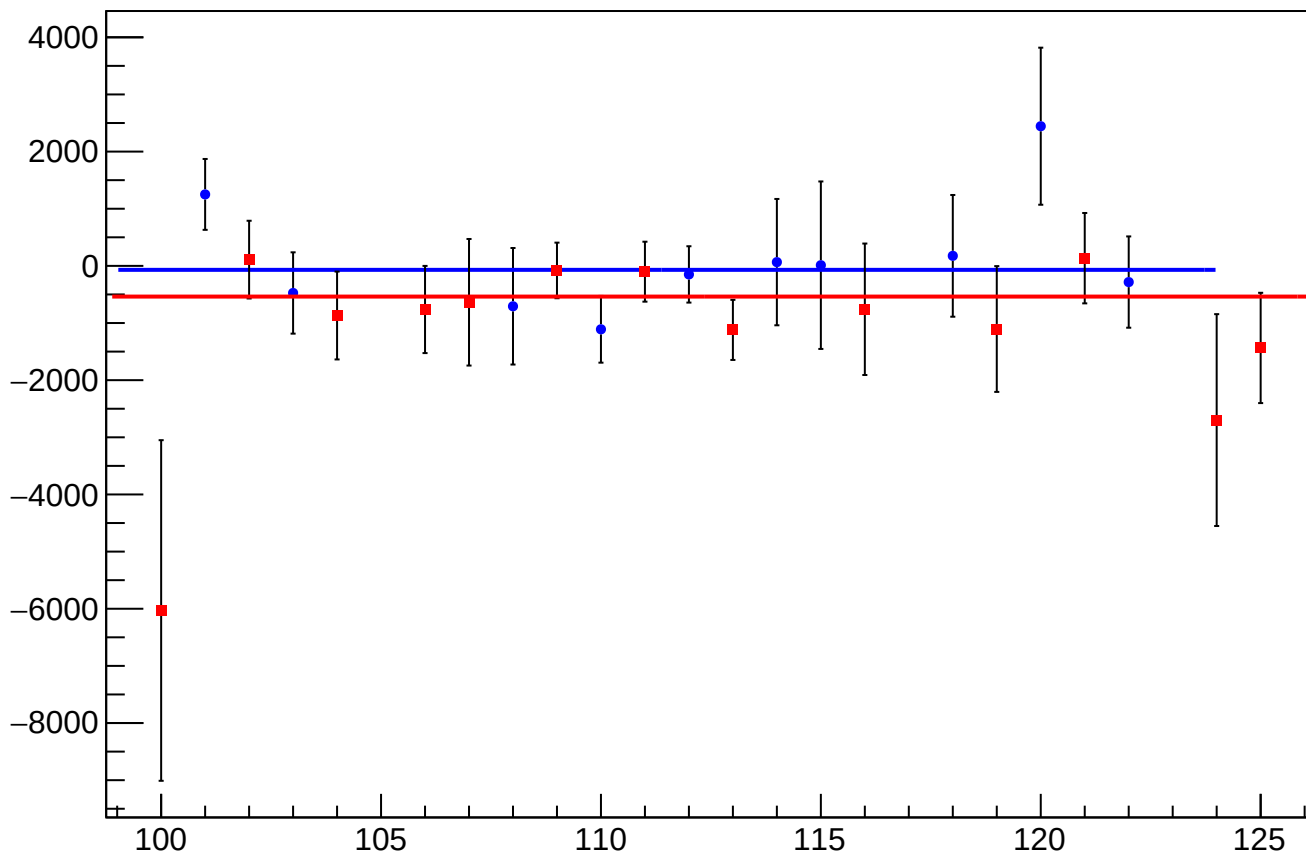
Right: 47.830+/-0.012 χ^2/NDF : 885006.7/22

In: 48.896+/-0.018 χ^2/NDF :409157.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 47.830+/-0.012 χ^2/NDF : 885006.7/22

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: -537.219 ± 210.707 χ^2/NDF : 10.6/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

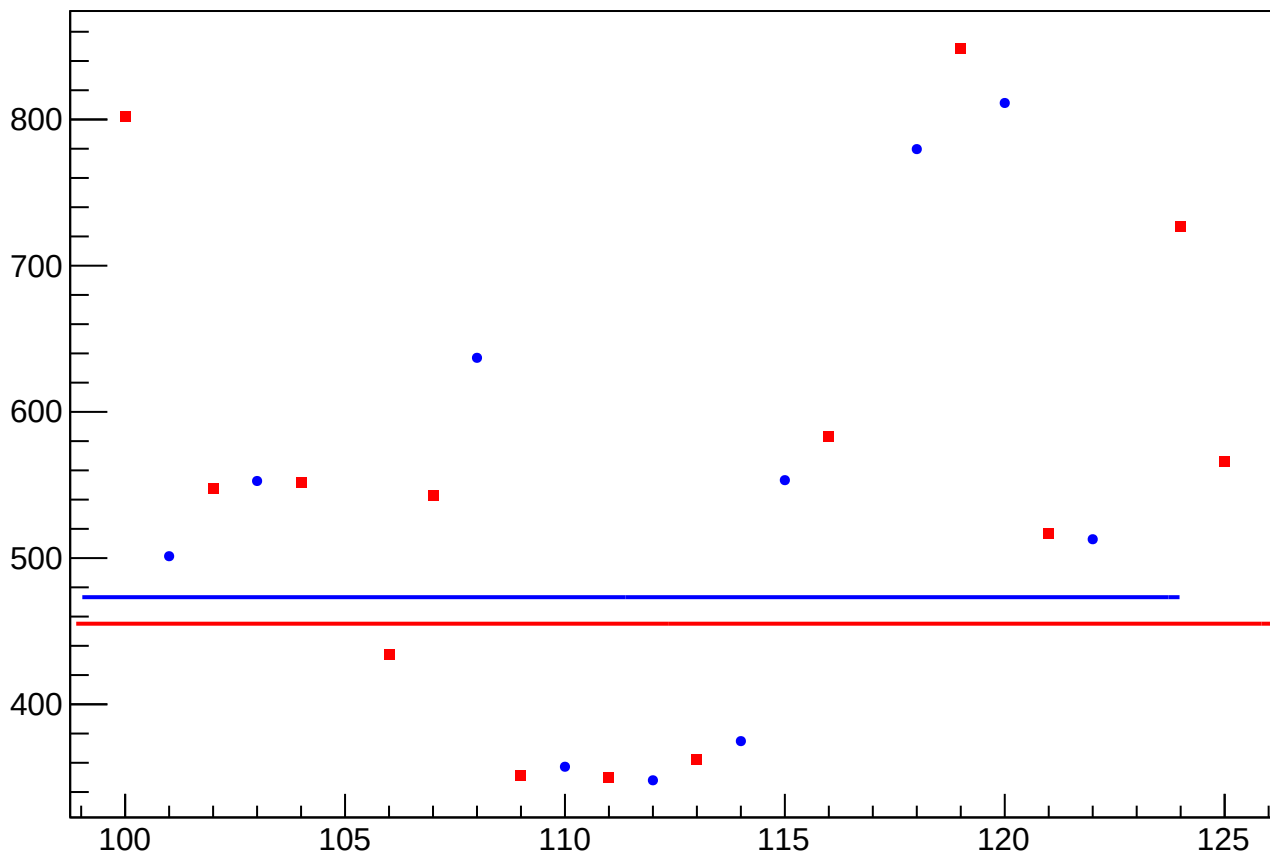
Right: -337.071 ± 159.376 χ^2/NDF : 24.7/22

In: -69.457 ± 243.646 χ^2/NDF : 11.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -337.071 ± 159.376 χ^2/NDF : 24.7/22

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: 455.130+/-0.149 χ^2/NDF : 704743.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

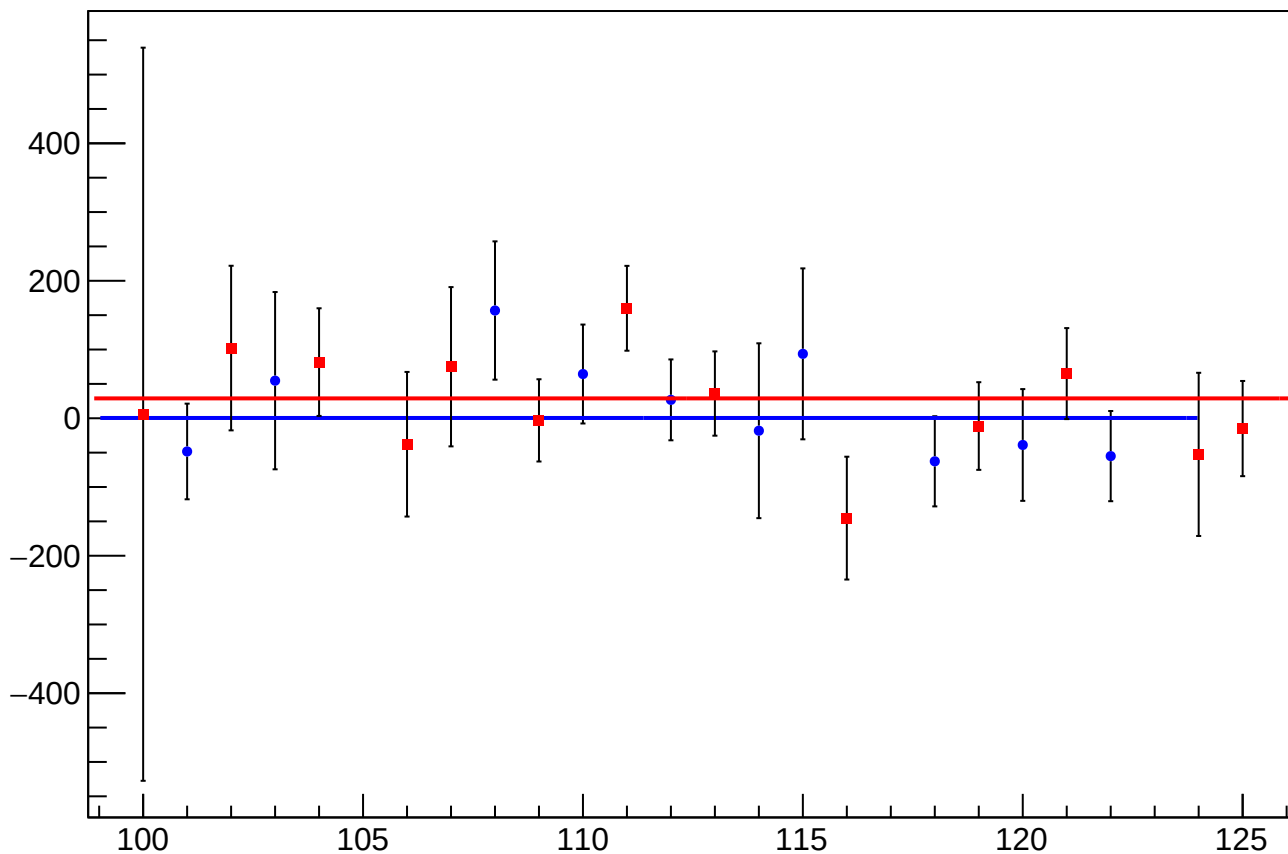
Right: 462.890+/-0.113 χ^2/NDF : 1312939.2/22

In: 473.266+/-0.172 χ^2/NDF : 601855.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 462.890+/-0.113 χ^2/NDF : 1312939.2/22

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: 28.913 $\pm$ 21.885 χ^2 /NDF: 11.6/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

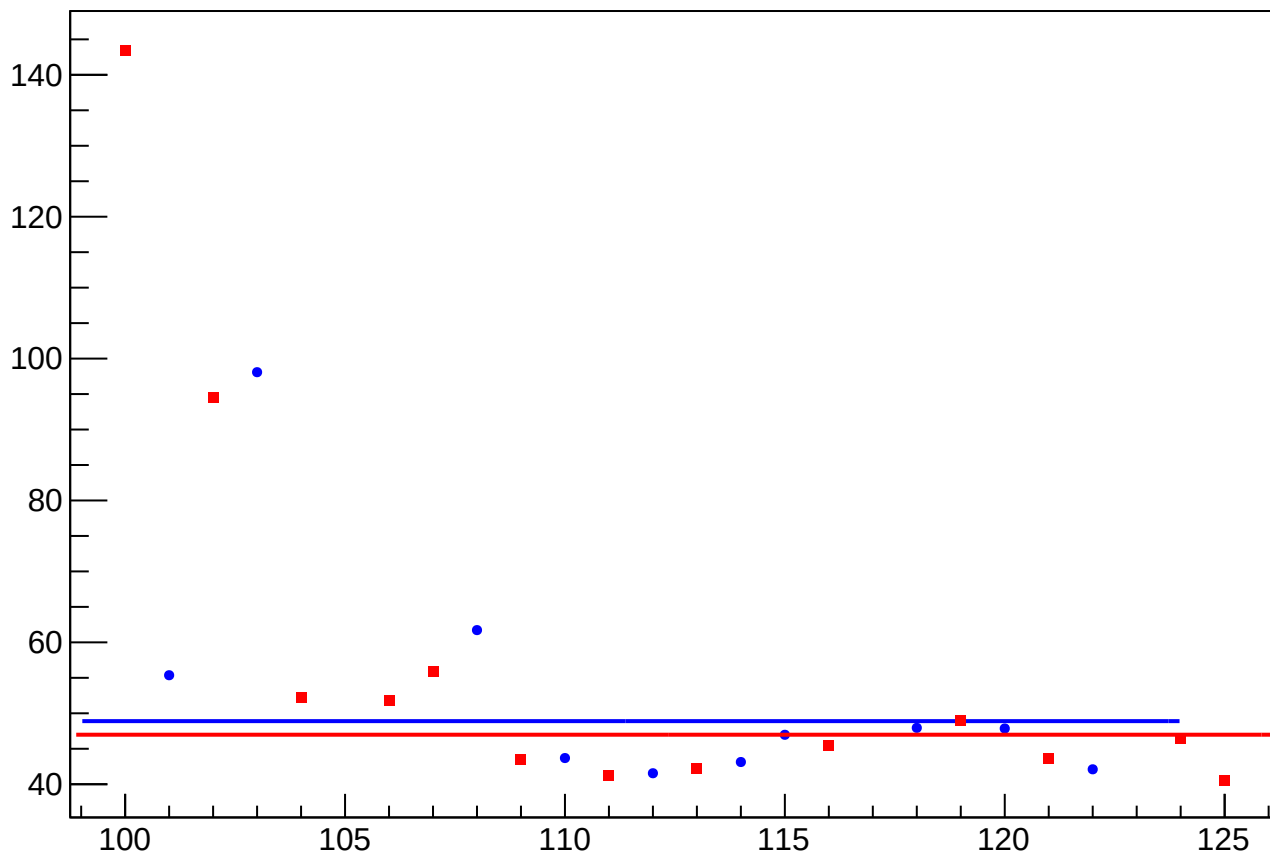
Right: 16.597 $\pm$ 16.489 χ^2 /NDF: 18.8/22

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: 16.597 $\pm$ 16.489 χ^2 /NDF: 18.8/22

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: 46.981+/-0.015 χ^2/NDF : 468166.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

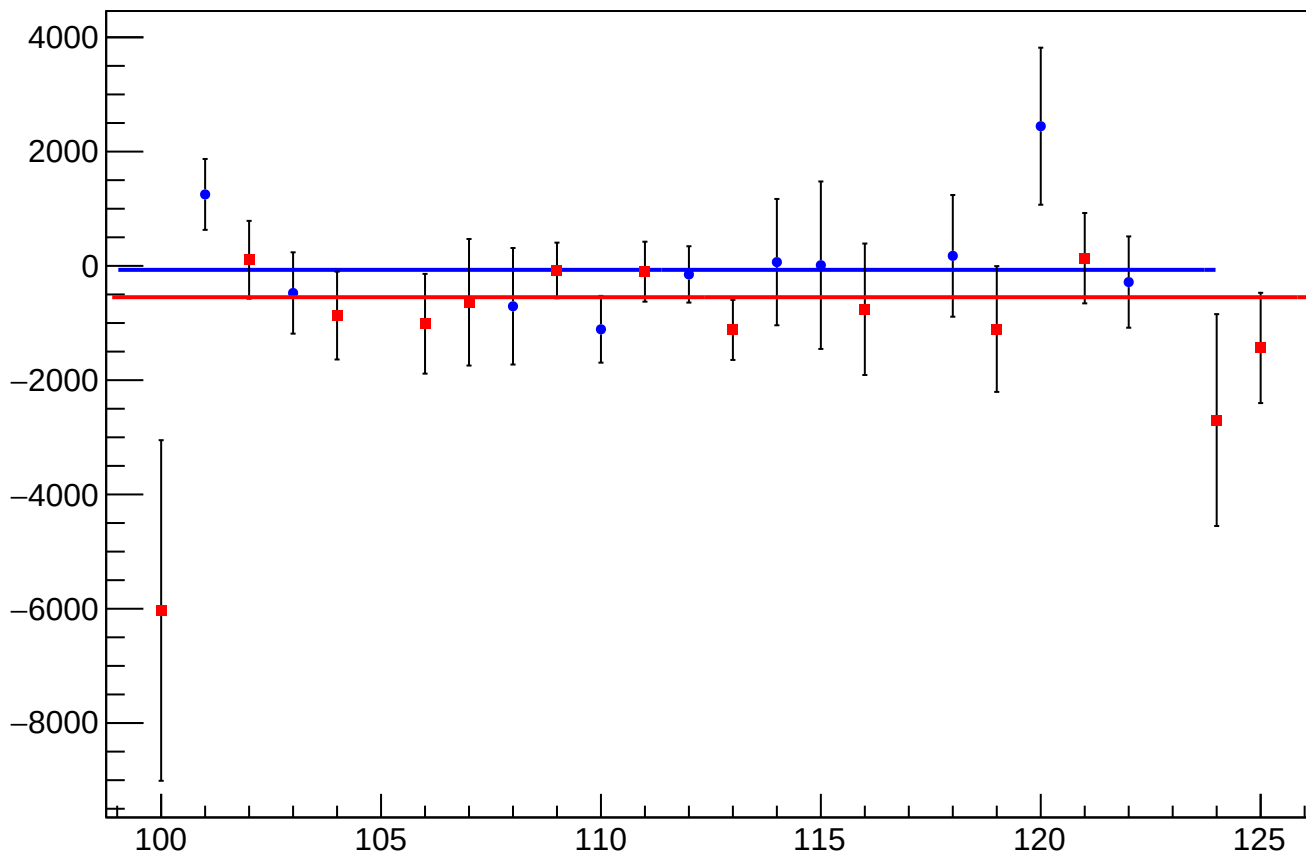
Right: 47.809+/-0.012 χ^2/NDF : 883946.2/22

In: 48.896+/-0.018 χ^2/NDF :409160.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 47.809+/-0.012 χ^2/NDF : 883946.2/22

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: -548.254+/-212.650 χ^2/NDF : 10.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

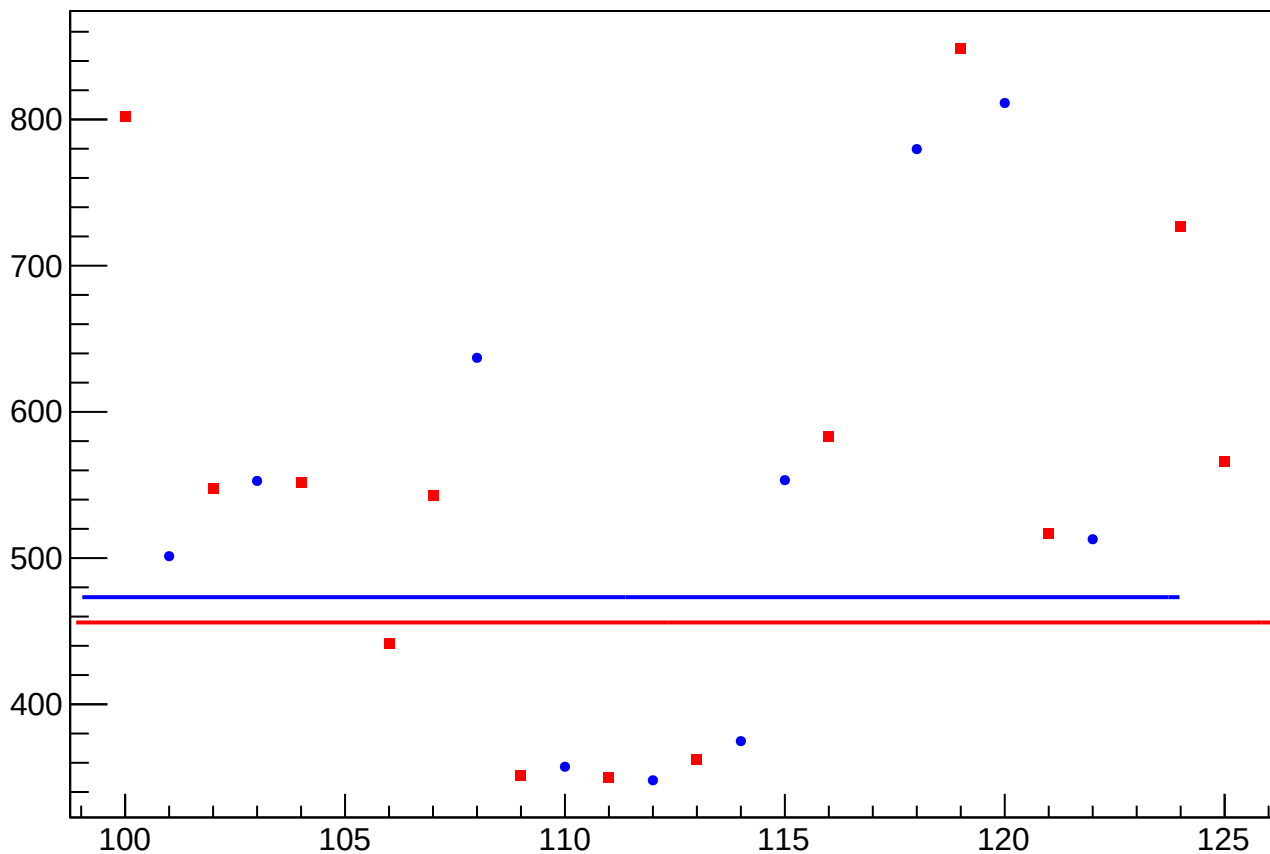
Right: -341.232+/-160.212 χ^2/NDF : 25.0/22

In: -69.455+/-243.649 χ^2/NDF :11.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -341.232+/-160.212 χ^2/NDF : 25.0/22

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: 455.975+/-0.150 χ^2/NDF : 703955.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

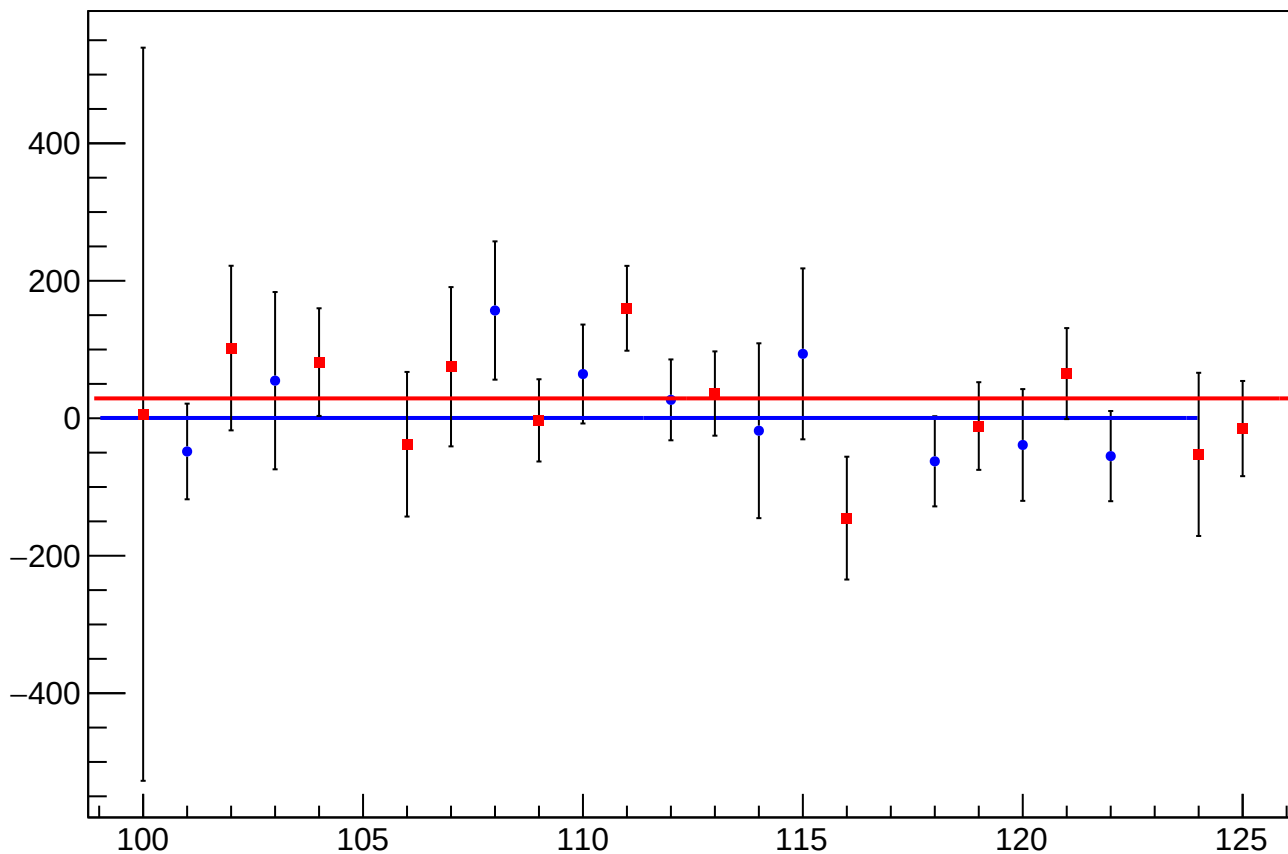
Right: 463.453+/-0.113 χ^2/NDF : 1311562.2/22

In: 473.270+/-0.172 χ^2/NDF : 601886.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 463.453+/-0.113 χ^2/NDF : 1311562.2/22

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: 28.913+/-21.885 χ^2 /NDF: 11.6/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

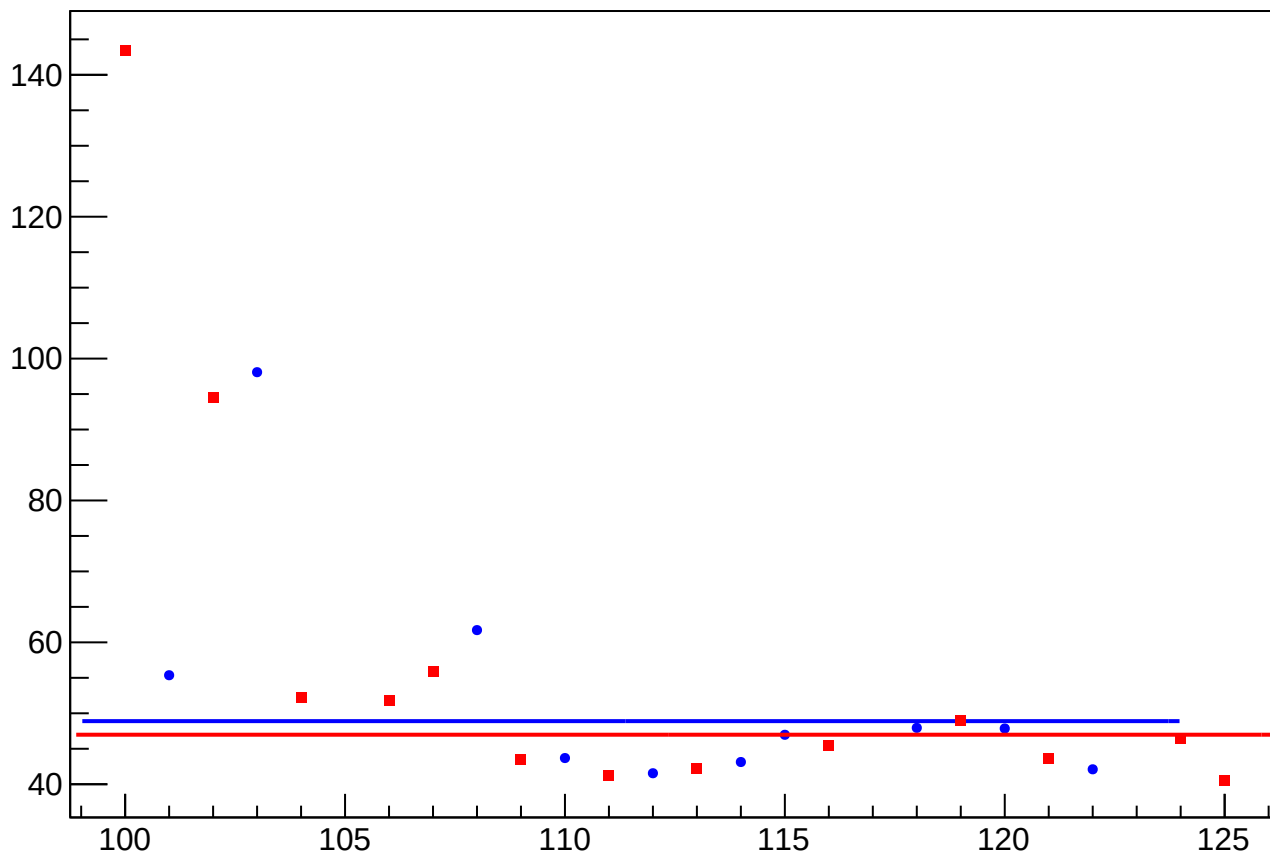
Right: 16.597+/-16.489 χ^2 /NDF: 18.8/22

In: 0.427+/-25.077 χ^2 /NDF:6.5/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 16.597+/-16.489 χ^2 /NDF: 18.8/22

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: 46.981+/-0.015 χ^2/NDF : 468166.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

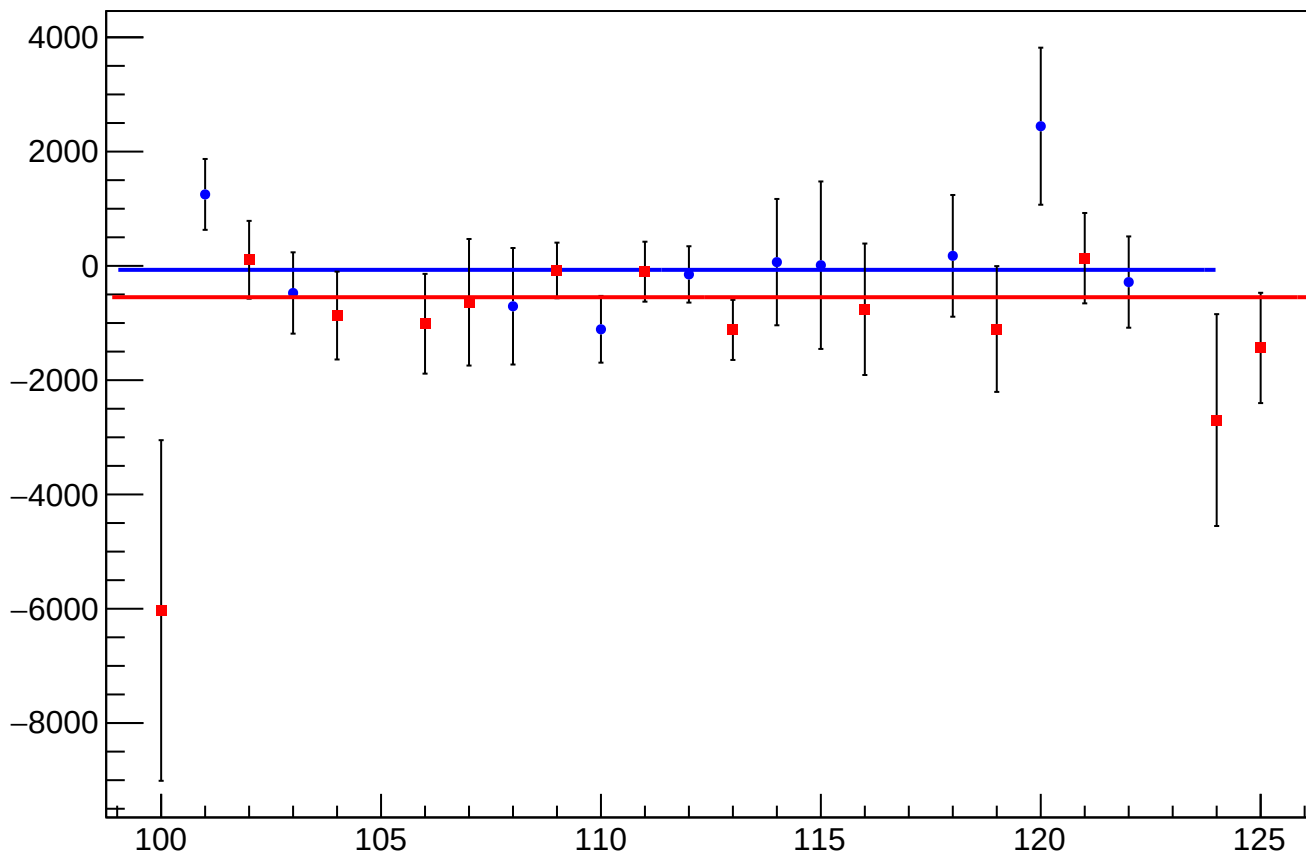
Right: 47.809+/-0.012 χ^2/NDF : 883946.2/22

In: 48.896+/-0.018 χ^2/NDF :409160.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 47.809+/-0.012 χ^2/NDF : 883946.2/22

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: -548.254+/-212.650 χ^2/NDF : 10.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

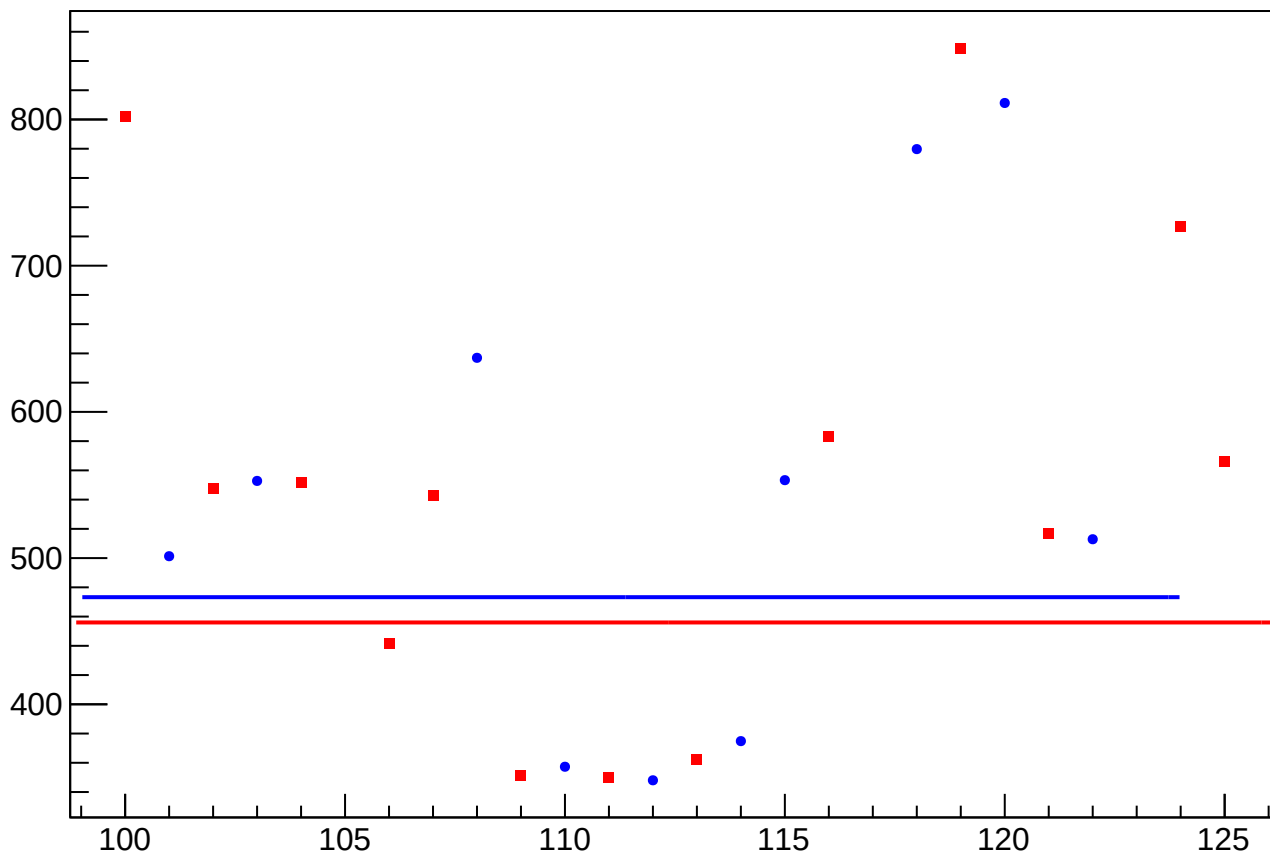
Right: -341.232+/-160.212 χ^2/NDF : 25.0/22

In: -69.455+/-243.649 χ^2/NDF :11.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -341.232+/-160.212 χ^2/NDF : 25.0/22

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: 455.975+/-0.150 χ^2/NDF : 703955.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

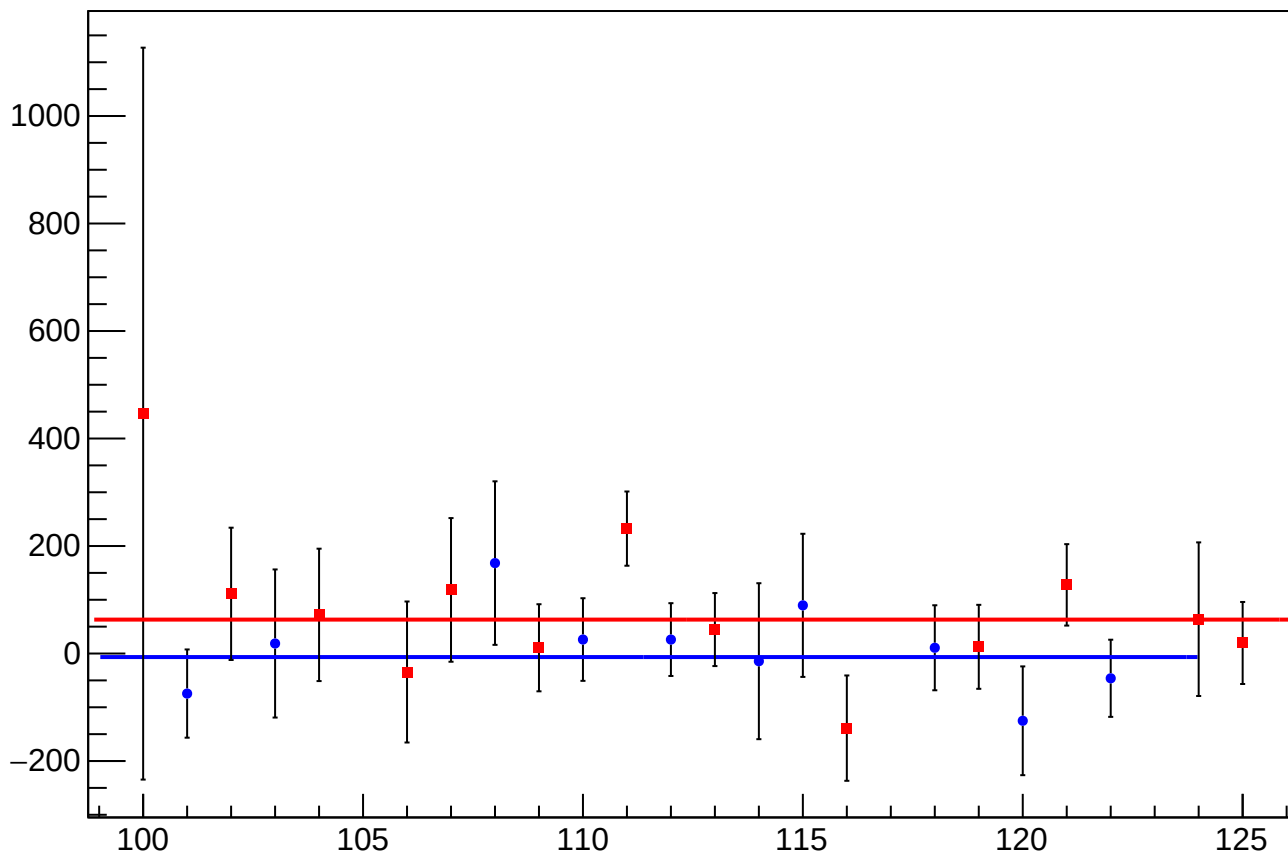
Right: 463.453+/-0.113 χ^2/NDF : 1311562.2/22

In: 473.270+/-0.172 χ^2/NDF : 601886.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 463.453+/-0.113 χ^2/NDF : 1311562.2/22

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: 63.101 ± 25.904 χ^2/NDF : 13.4/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

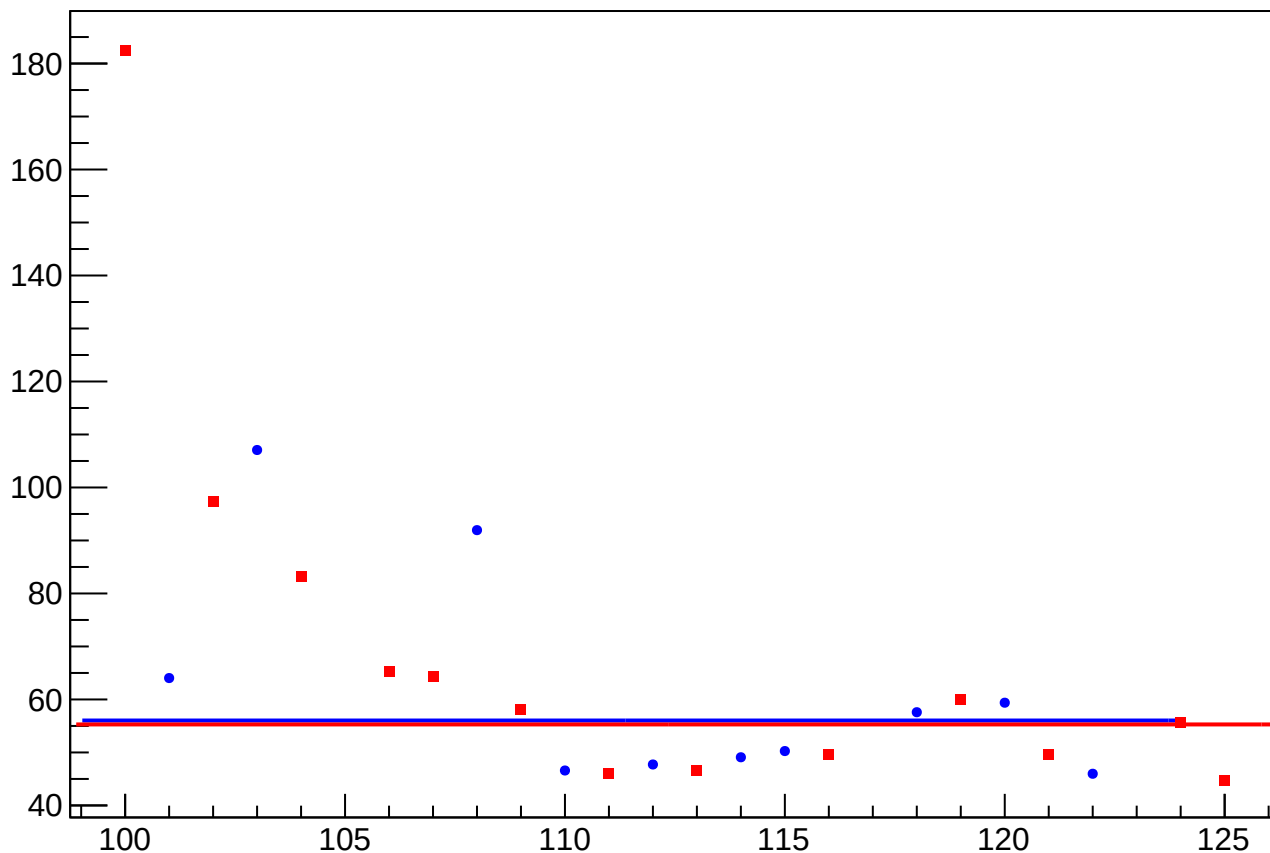
Right: 32.197 ± 19.325 χ^2/NDF : 21.3/22

In: -6.590 ± 29.021 χ^2/NDF : 4.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 32.197 ± 19.325 χ^2/NDF : 21.3/22

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: 55.285+/-0.018 χ^2/NDF : 561528.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

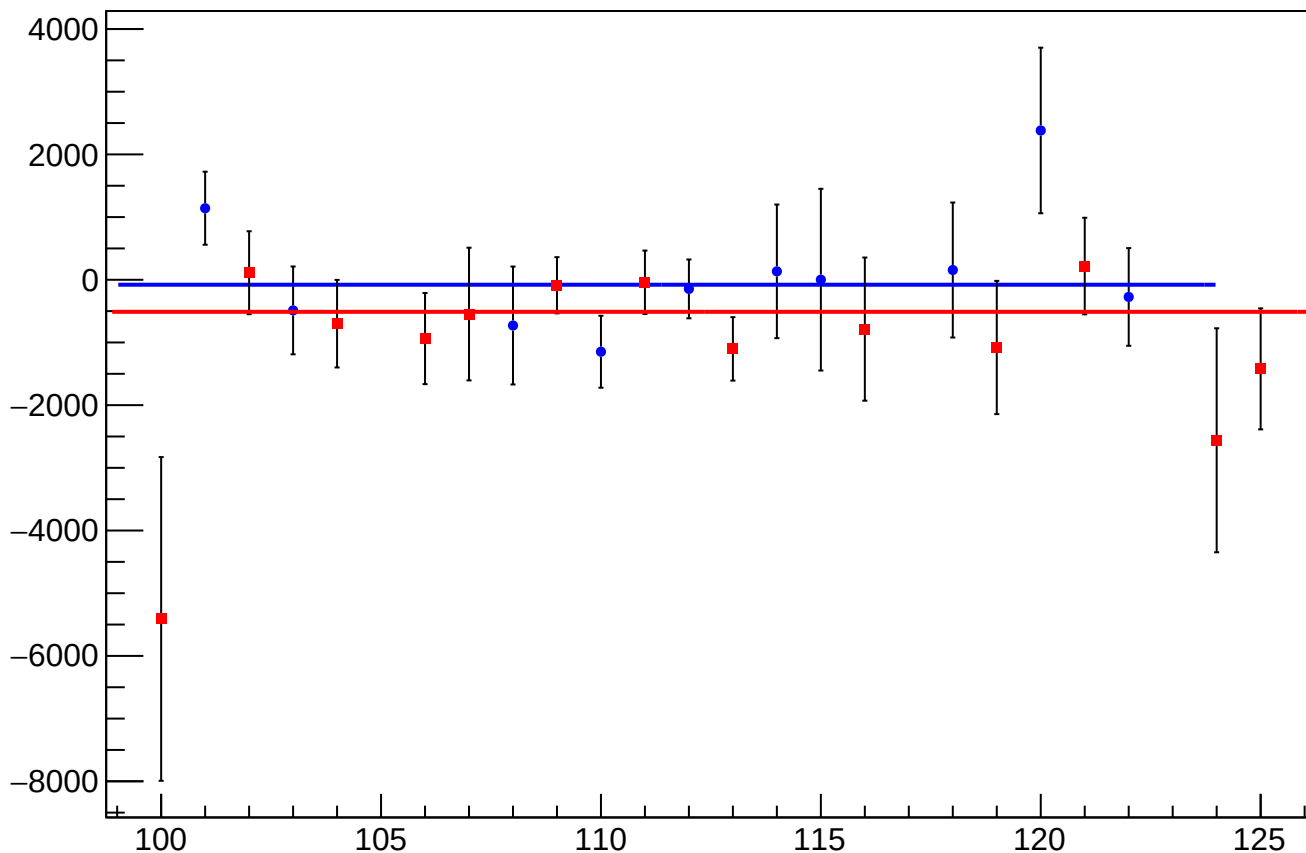
Right: 55.613+/-0.014 χ^2/NDF : 1078074.0/22

In: 56.024+/-0.021 χ^2/NDF : 515822.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.613+/-0.014 χ^2/NDF : 1078074.0/22

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: -511.152+/-200.872 χ^2/NDF : 11.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

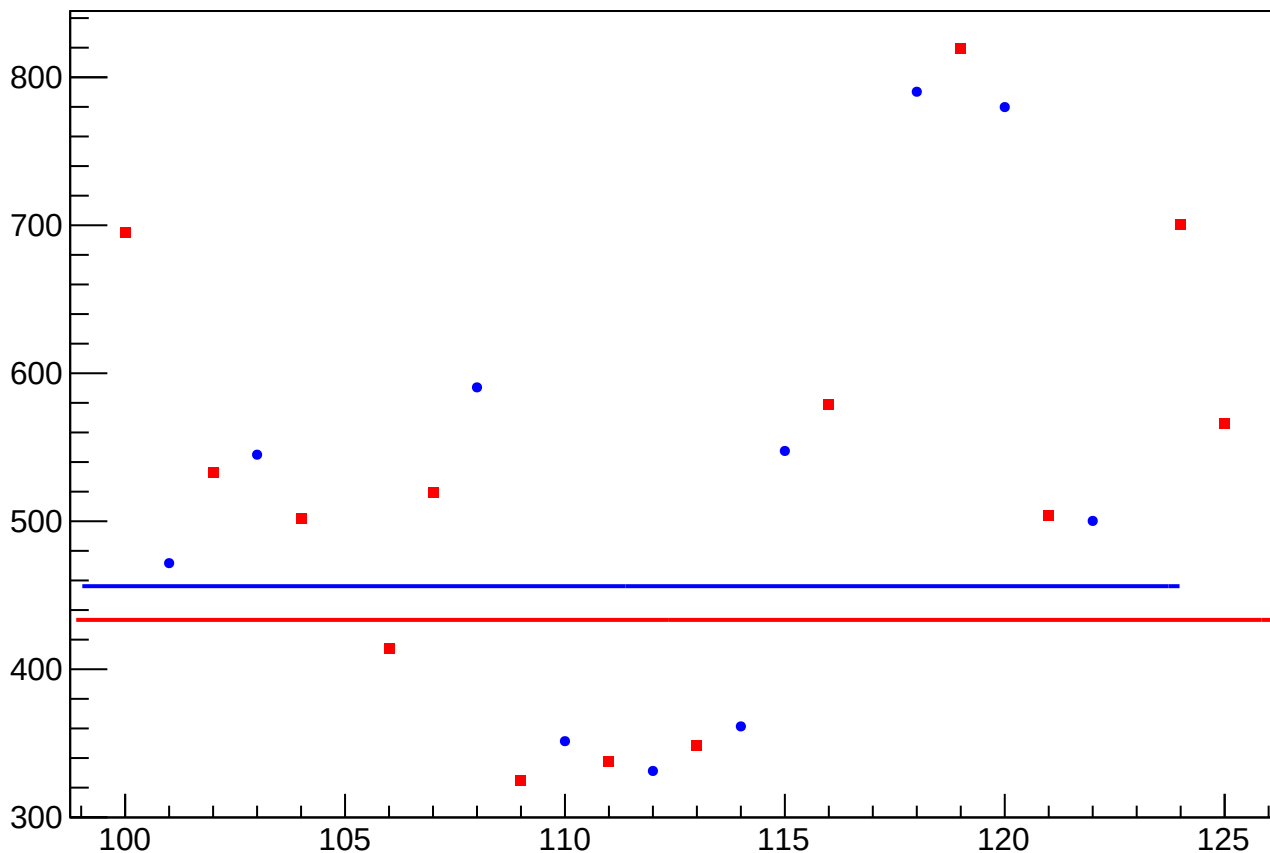
Right: -328.502+/-152.644 χ^2/NDF : 25.8/22

In: -78.885+/-234.826 χ^2/NDF : 12.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -328.502+/-152.644 χ^2/NDF : 25.8/22

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: 433.355+/-0.142 χ^2/NDF : 739579.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

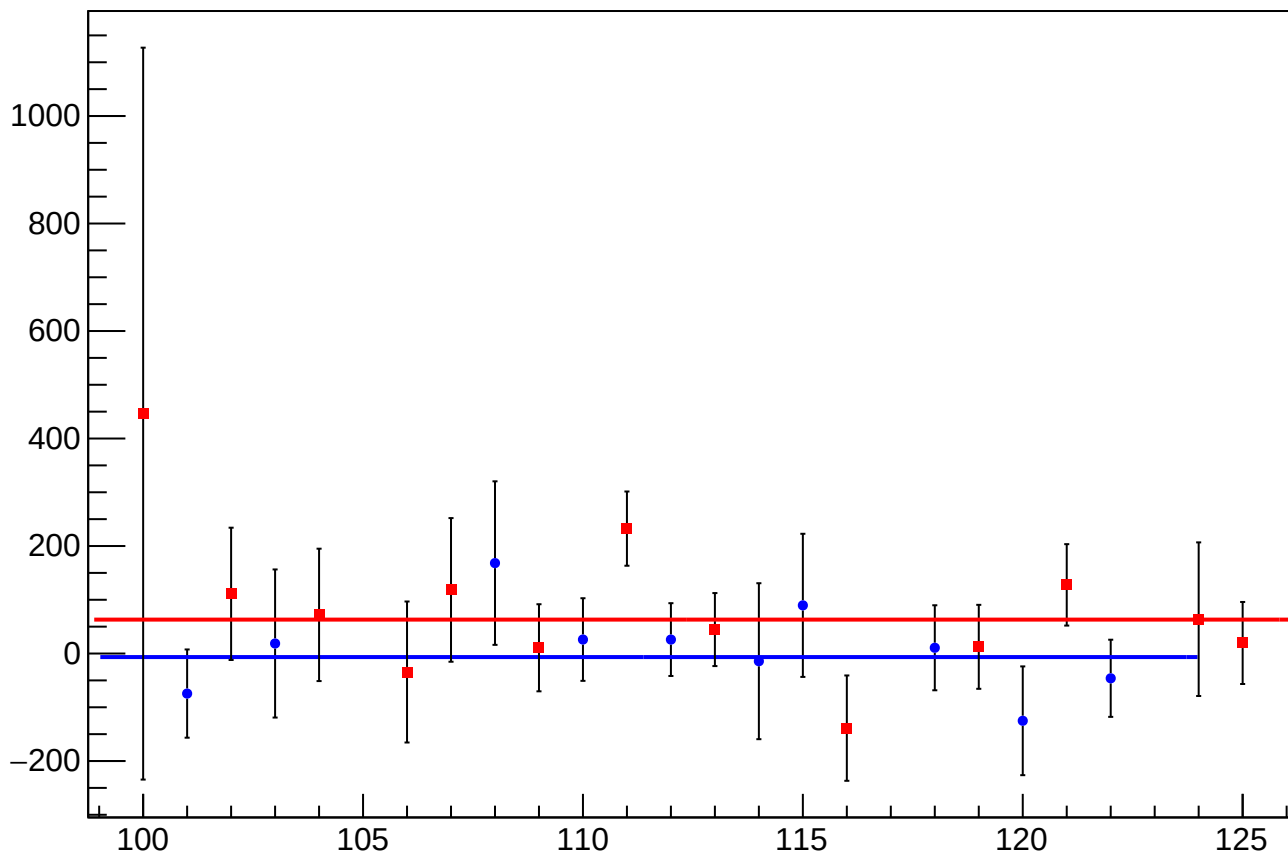
Right: 442.976+/-0.108 χ^2/NDF : 1375951.4/22

In: 456.126+/-0.166 χ^2/NDF : 625511.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 442.976+/-0.108 χ^2/NDF : 1375951.4/22

eigen_dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -6.590 $\pm$ 29.021 χ^2/NDF : 4.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 63.103 $\pm$ 25.904 χ^2/NDF : 13.4/12

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

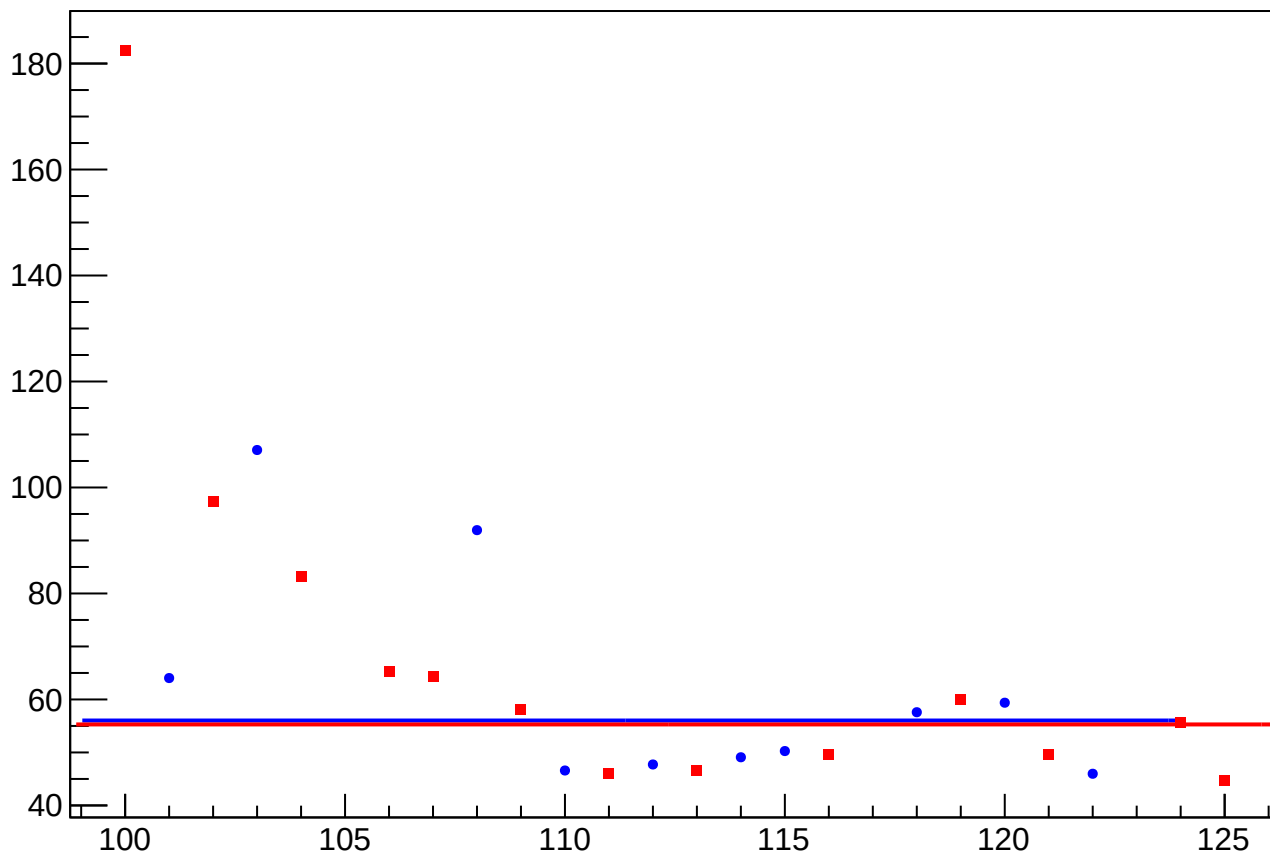
Right: 32.198 $\pm$ 19.325 χ^2/NDF : 21.3/22

In: -6.590 $\pm$ 29.021 χ^2/NDF : 4.7/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 32.198 $\pm$ 19.325 χ^2/NDF : 21.3/22

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: 55.285+/-0.018 χ^2/NDF : 561524.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

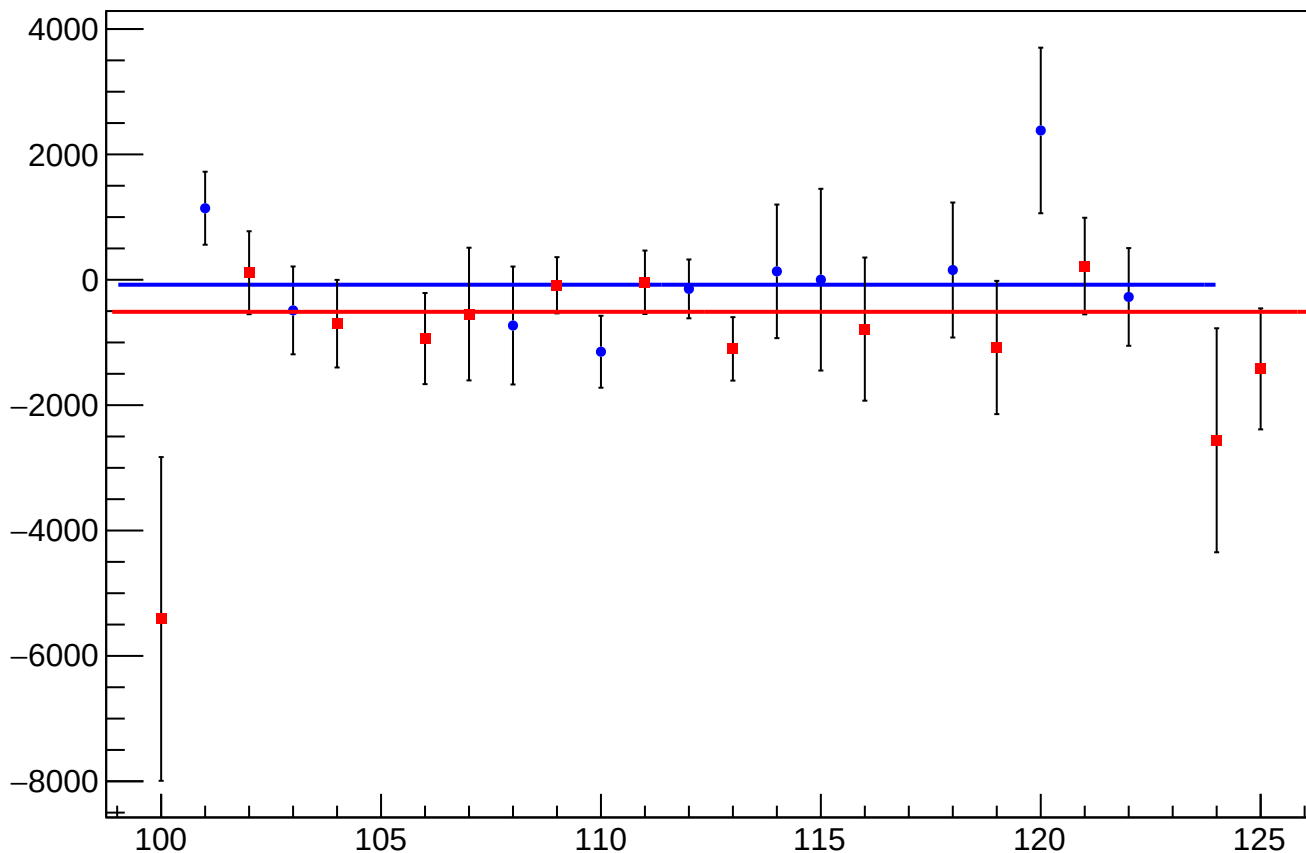
Right: 55.613+/-0.014 χ^2/NDF : 1078064.9/22

In: 56.025+/-0.021 χ^2/NDF :515817.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 55.613+/-0.014 χ^2/NDF : 1078064.9/22

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: -511.151 ± 200.872 χ^2/NDF : 11.5/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

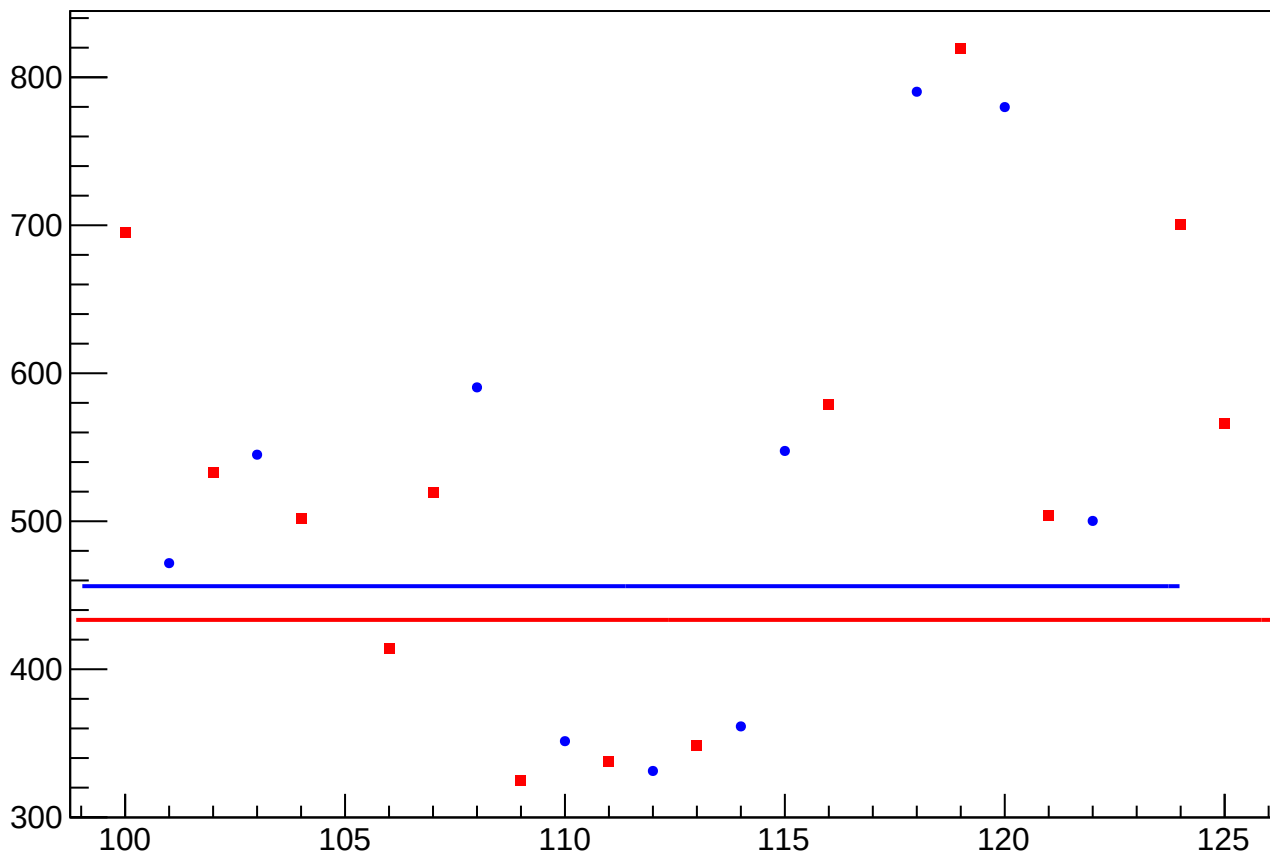
Right: -328.501 ± 152.644 χ^2/NDF : 25.8/22

In: -78.885 ± 234.825 χ^2/NDF : 12.3/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -328.501 ± 152.644 χ^2/NDF : 25.8/22

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: 433.354+/-0.142 χ^2/NDF : 739577.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

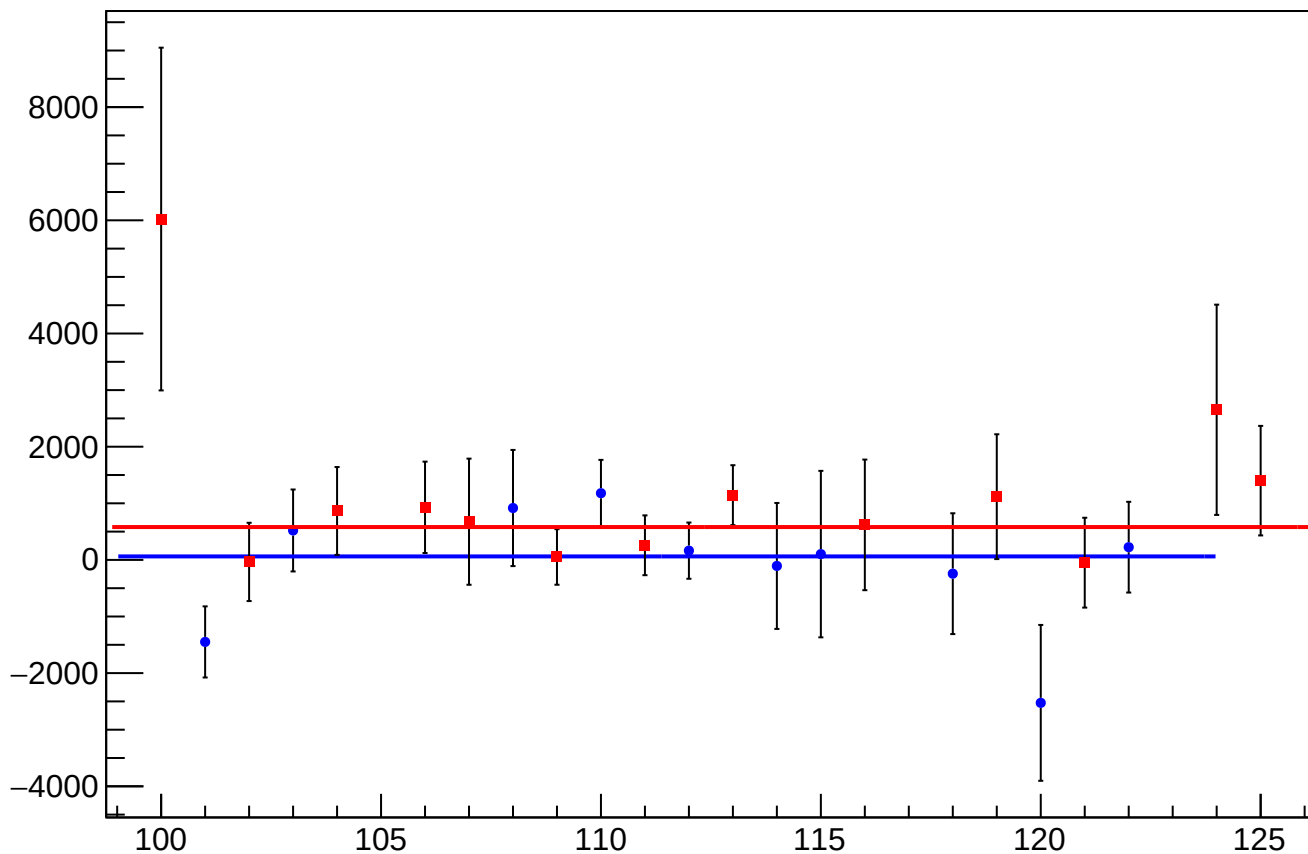
Right: 442.975+/-0.108 χ^2/NDF : 1375951.9/22

In: 456.124+/-0.166 χ^2/NDF : 625514.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 442.975+/-0.108 χ^2/NDF : 1375951.9/22

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: 580.397 $\pm$ 213.094 χ^2 /NDF: 9.8/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

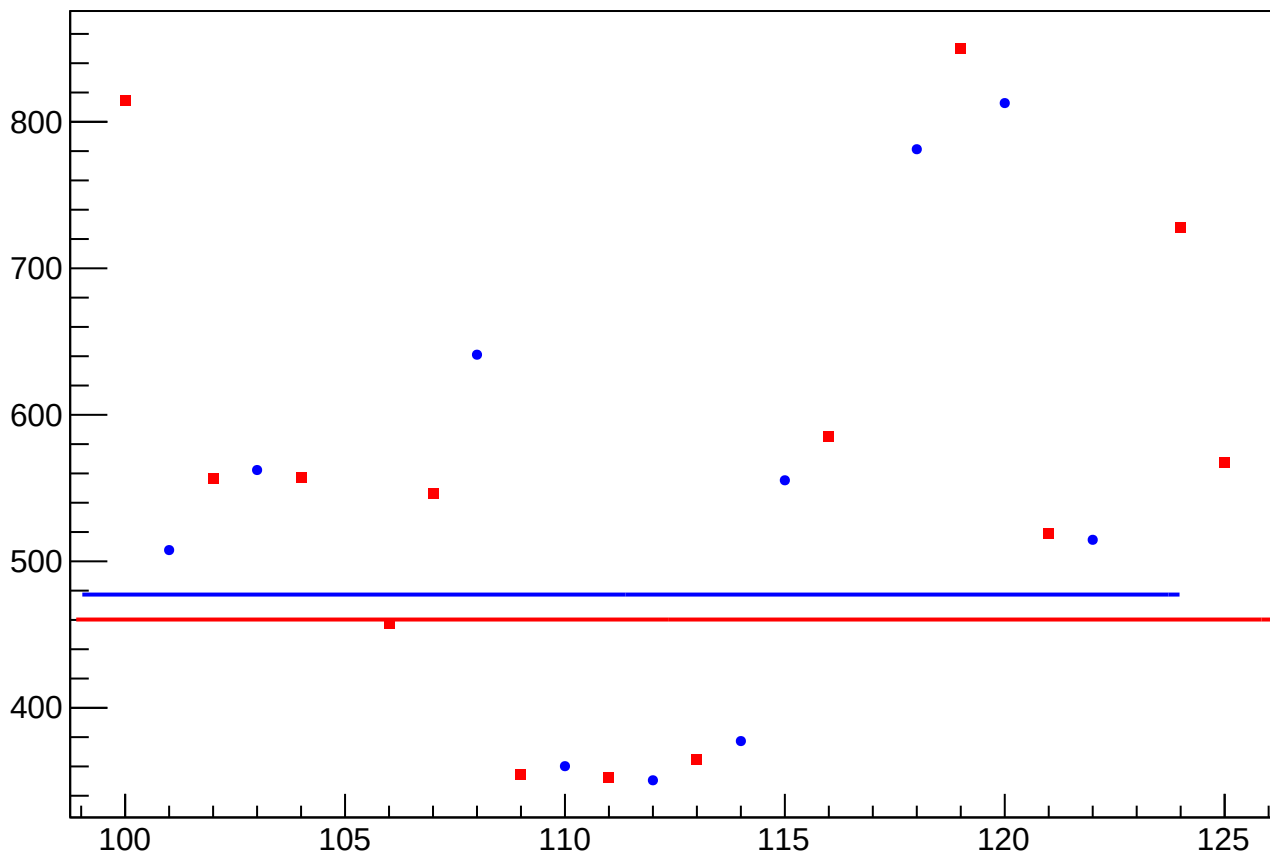
Right: 357.742 $\pm$ 160.987 χ^2 /NDF: 26.6/22

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: 357.742 $\pm$ 160.987 χ^2 /NDF: 26.6/22

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 477.318+/-0.174 χ^2/NDF : 599774.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 460.280+/-0.151 χ^2/NDF : 700123.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

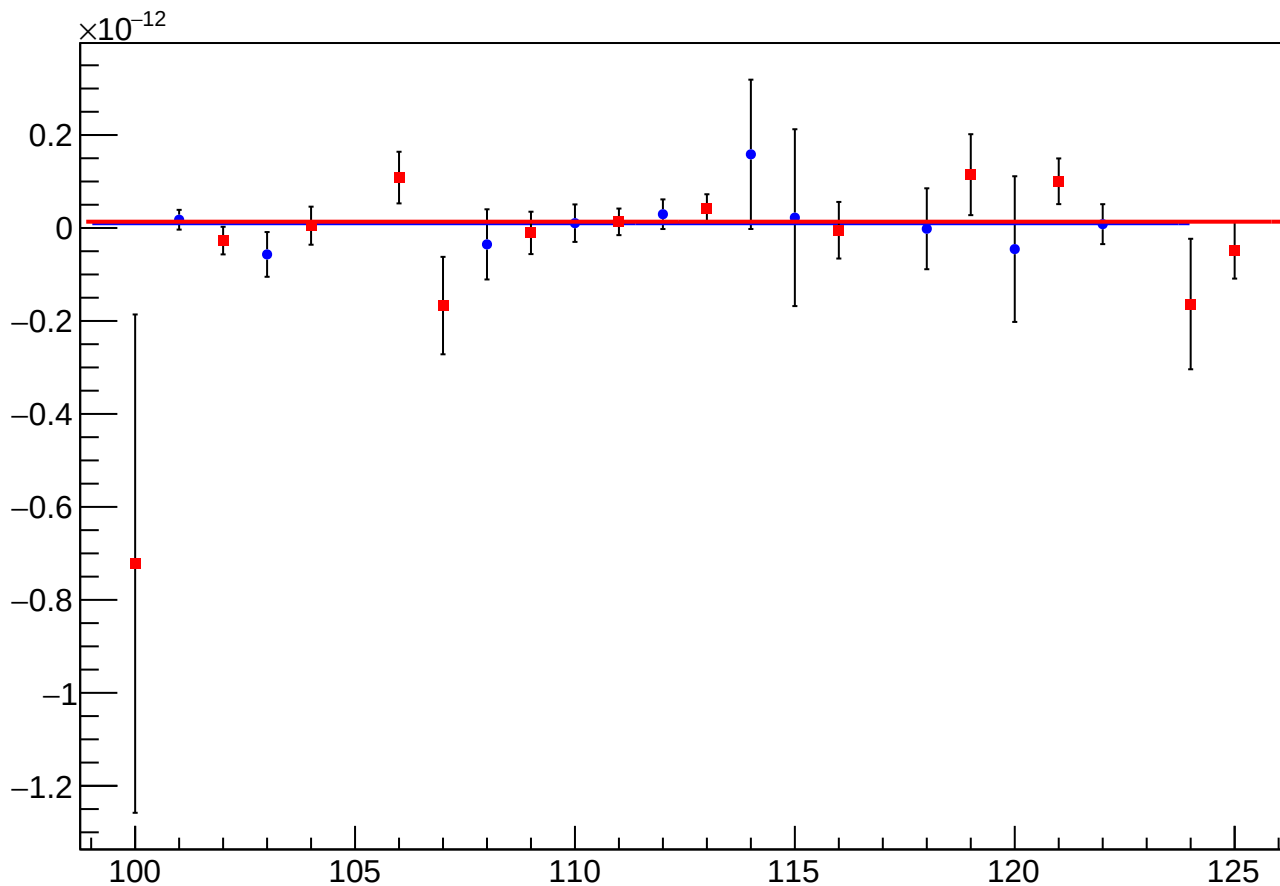
Right: 467.593+/-0.114 χ^2/NDF : 1305386.2/22

In: 477.318+/-0.174 χ^2/NDF : 599774.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 467.593+/-0.114 χ^2/NDF : 1305386.2/22

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 : 18.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

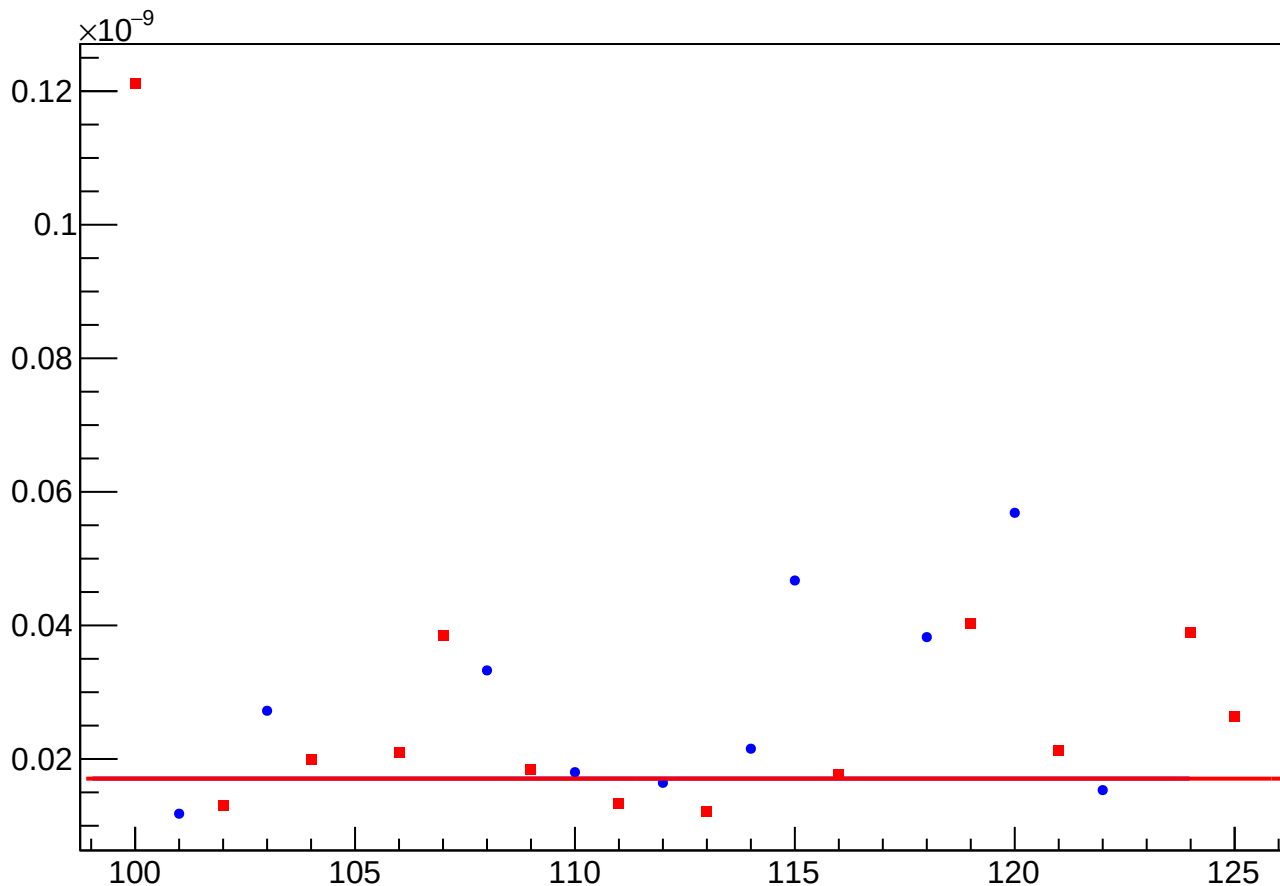
Right: 0.000+/-0.000 χ^2/NDF : 21.9/22

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 : 21.9/22

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 : 554021.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

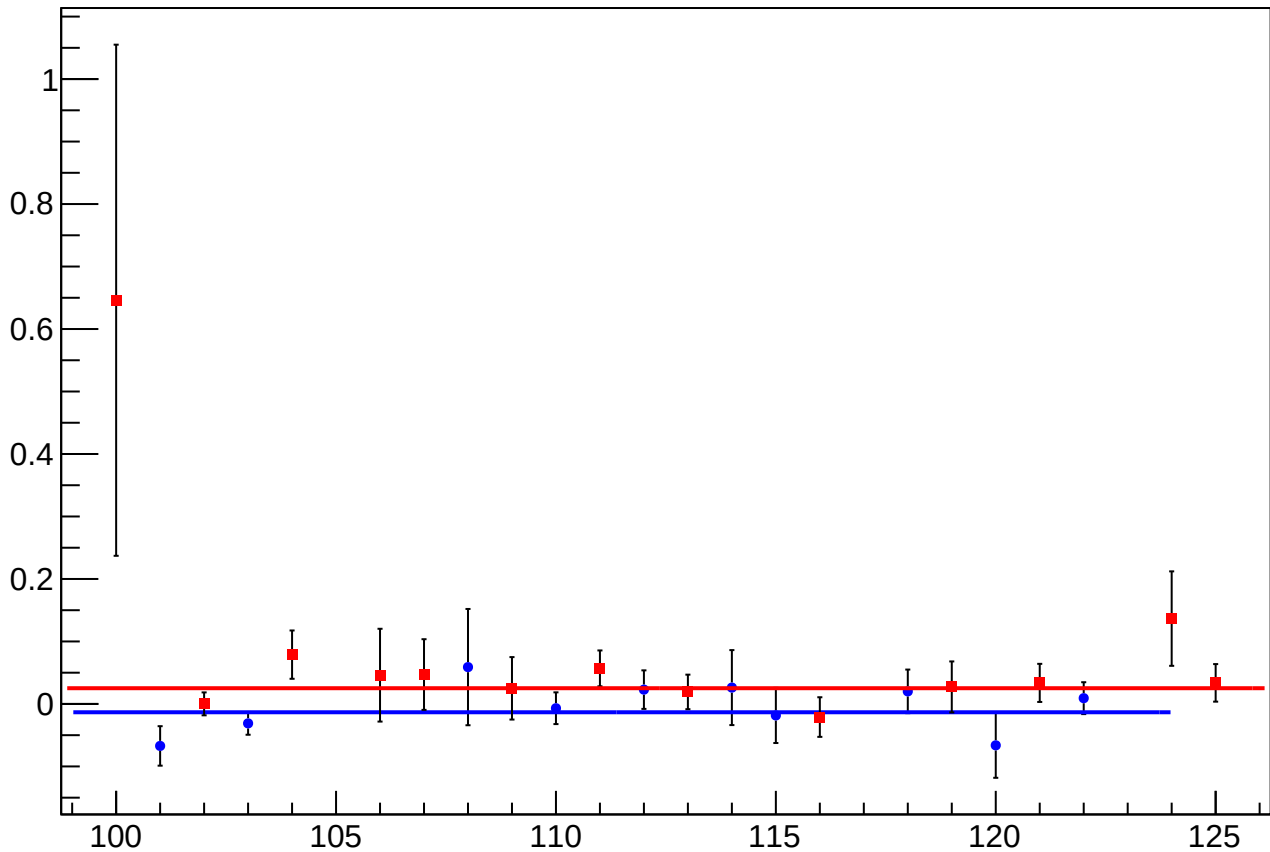
Right: 0.000+/-0.000 χ^2/NDF : 1160446.0/22

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 : 1160446.0/22

asym_sam_15_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 $\pm$ 0.010 χ^2 /NDF: 9.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.025 $\pm$ 0.010 χ^2 /NDF: 12.1/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

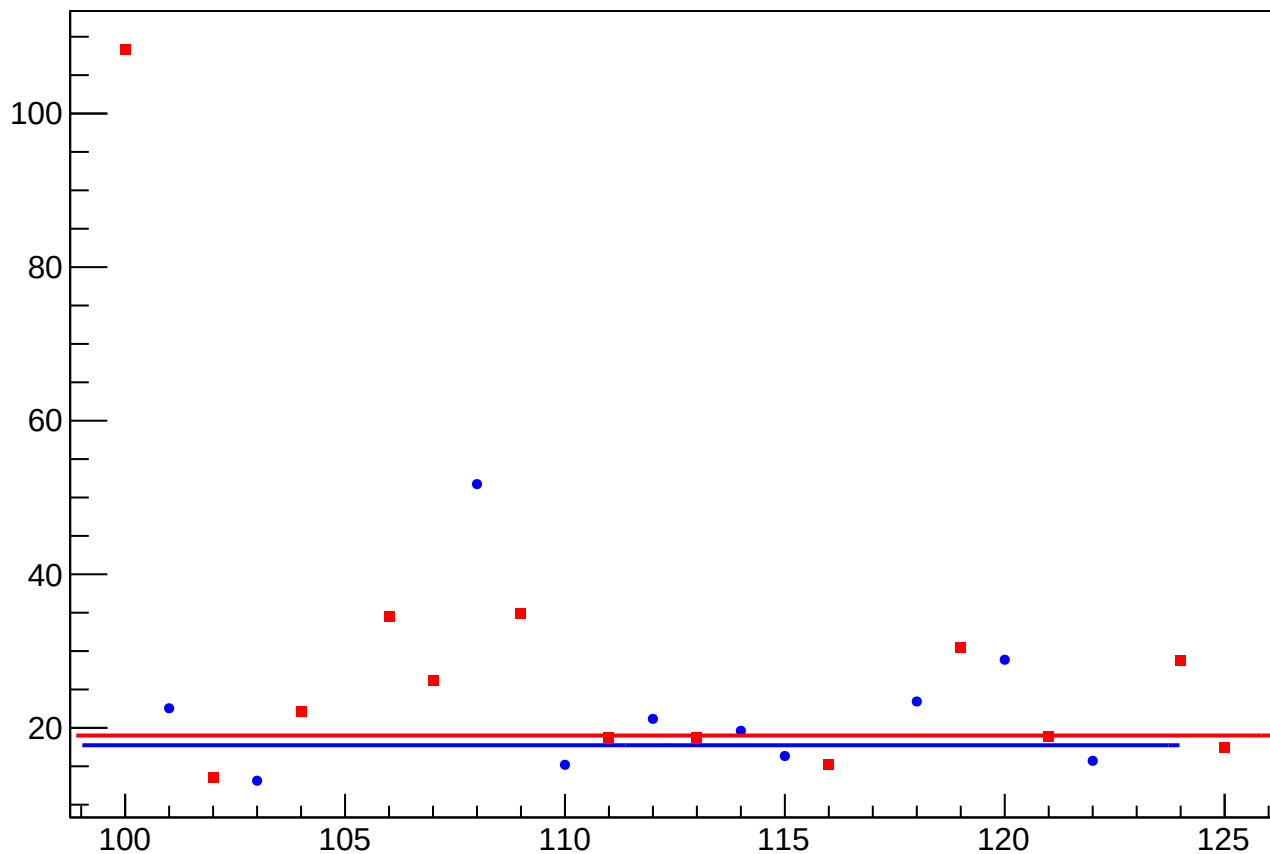
Right: 0.007 $\pm$ 0.007 χ^2 /NDF: 29.0/22

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: 0.007 $\pm$ 0.007 χ^2 /NDF: 29.0/22

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: 19.007+/-0.007 χ^2/NDF : 826819.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

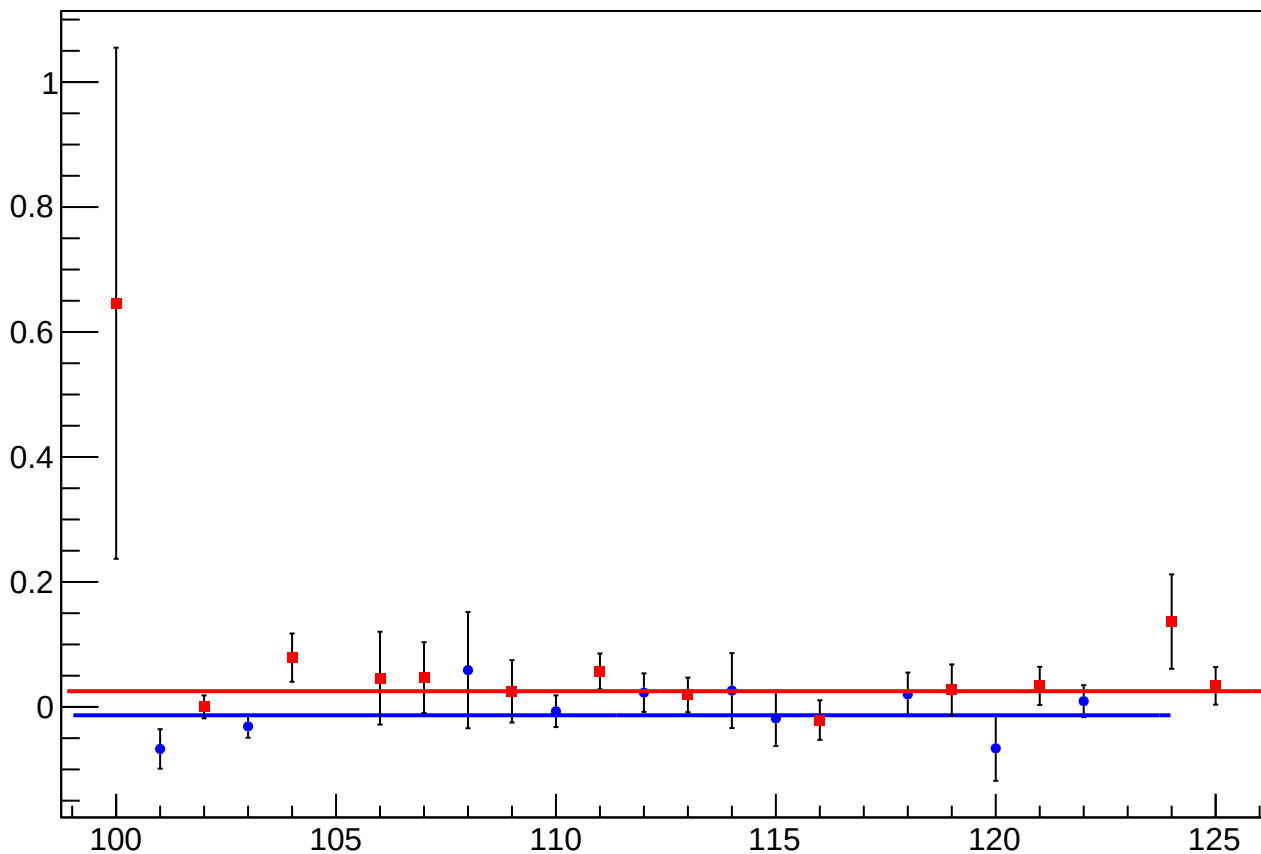
Right: 18.396+/-0.005 χ^2/NDF : 1492615.6/22

In: 17.739+/-0.007 χ^2/NDF : 648720.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.396+/-0.005 χ^2/NDF : 1492615.6/22

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: 0.025 $\pm$ 0.010 χ^2 /NDF: 12.1/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

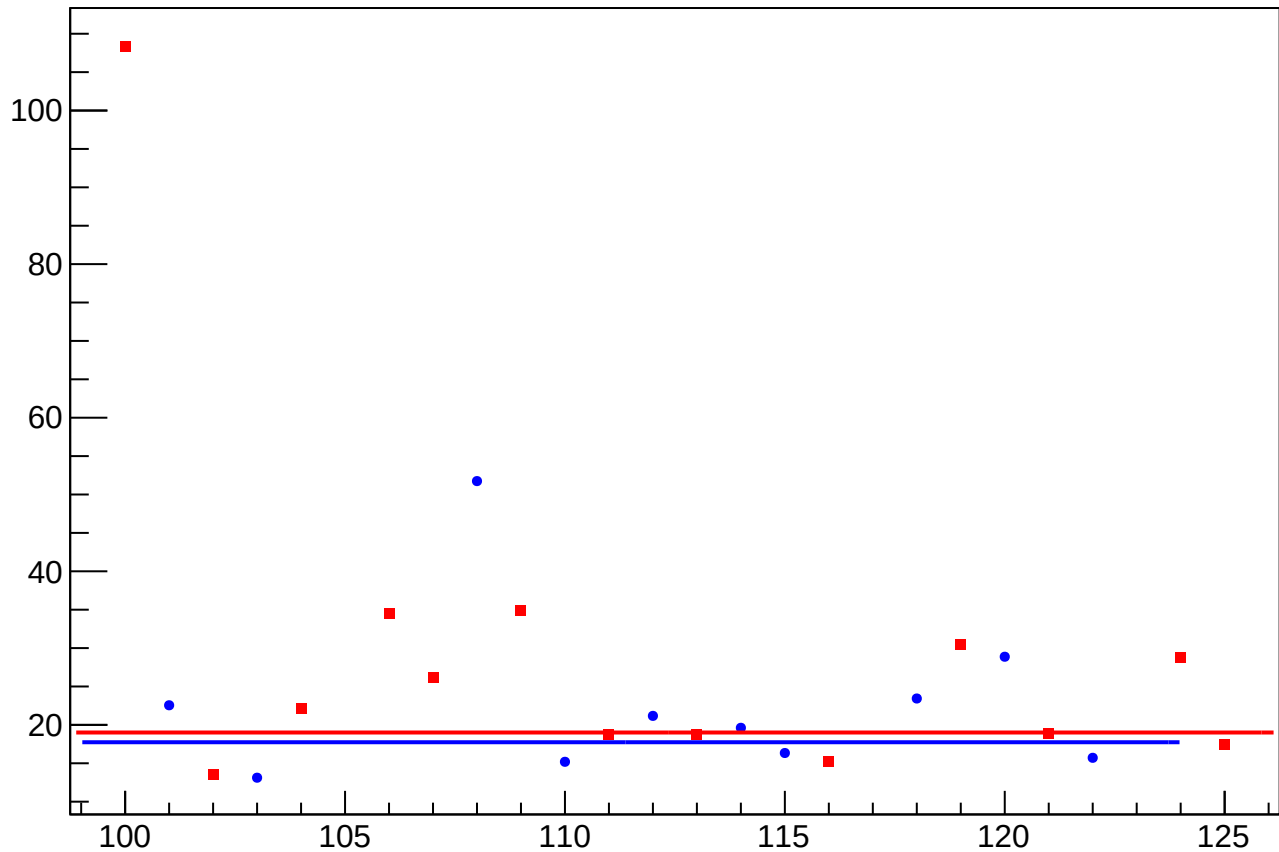
Right: 0.007 $\pm$ 0.007 χ^2 /NDF: 29.0/22

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: 0.007 $\pm$ 0.007 χ^2 /NDF: 29.0/22

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: 19.007+/-0.007 χ^2/NDF : 826819.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

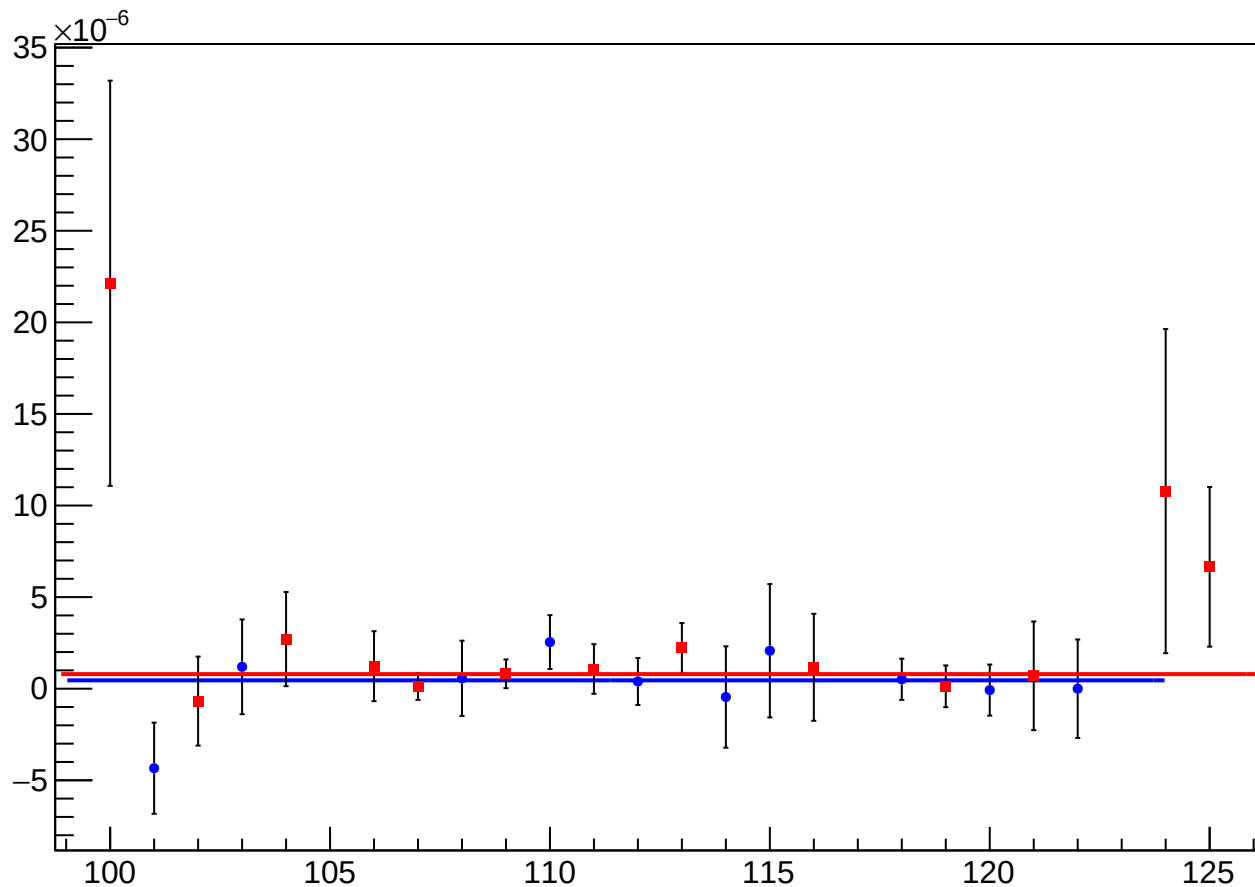
Right: 18.396+/-0.005 χ^2/NDF : 1492615.6/22

In: 17.739+/-0.007 χ^2/NDF : 648720.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.396+/-0.005 χ^2/NDF : 1492615.6/22

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 : 10.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

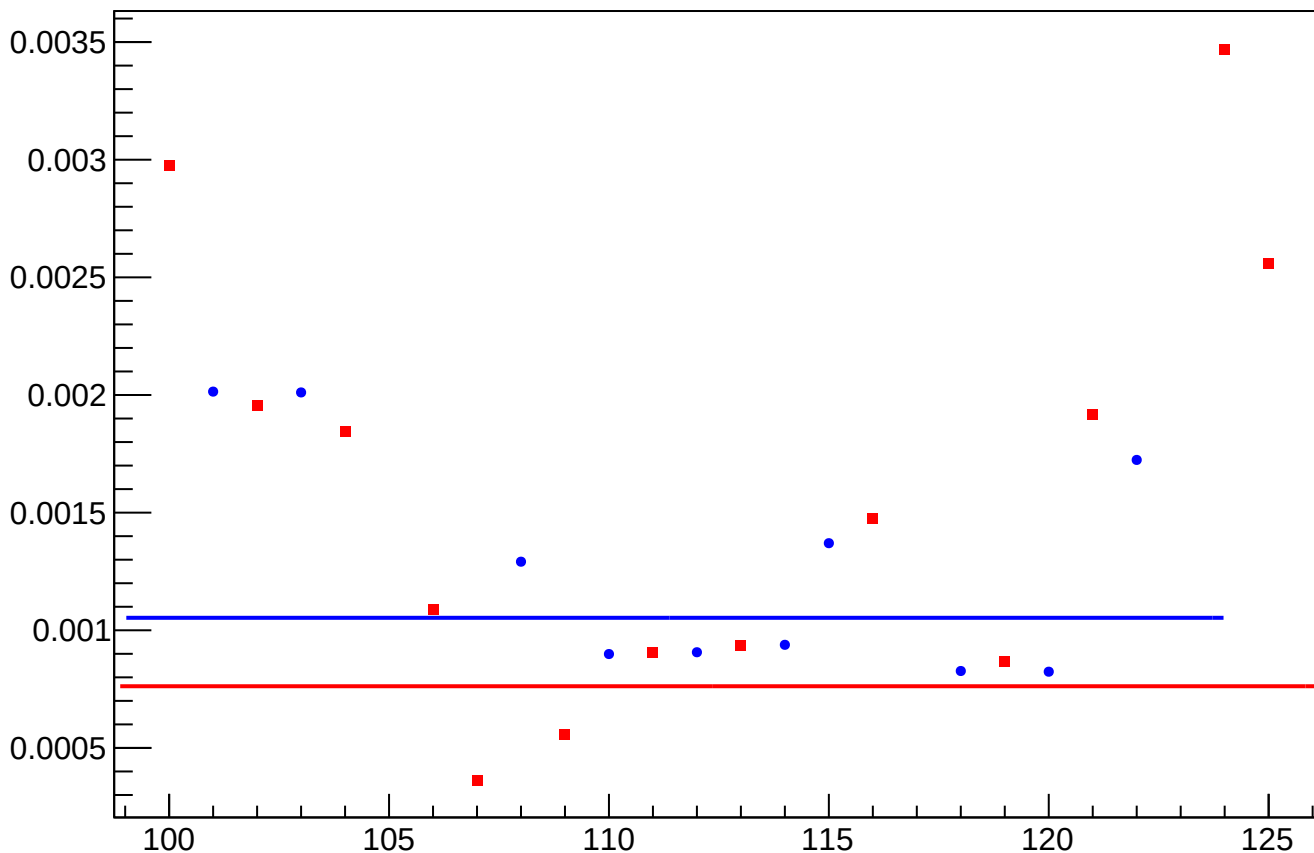
Right: 0.000+/-0.000 χ^2/NDF : 16.7/22

In: 0.000+/-0.000 χ^2/NDF : 6.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.7/22

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 : 2729011.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

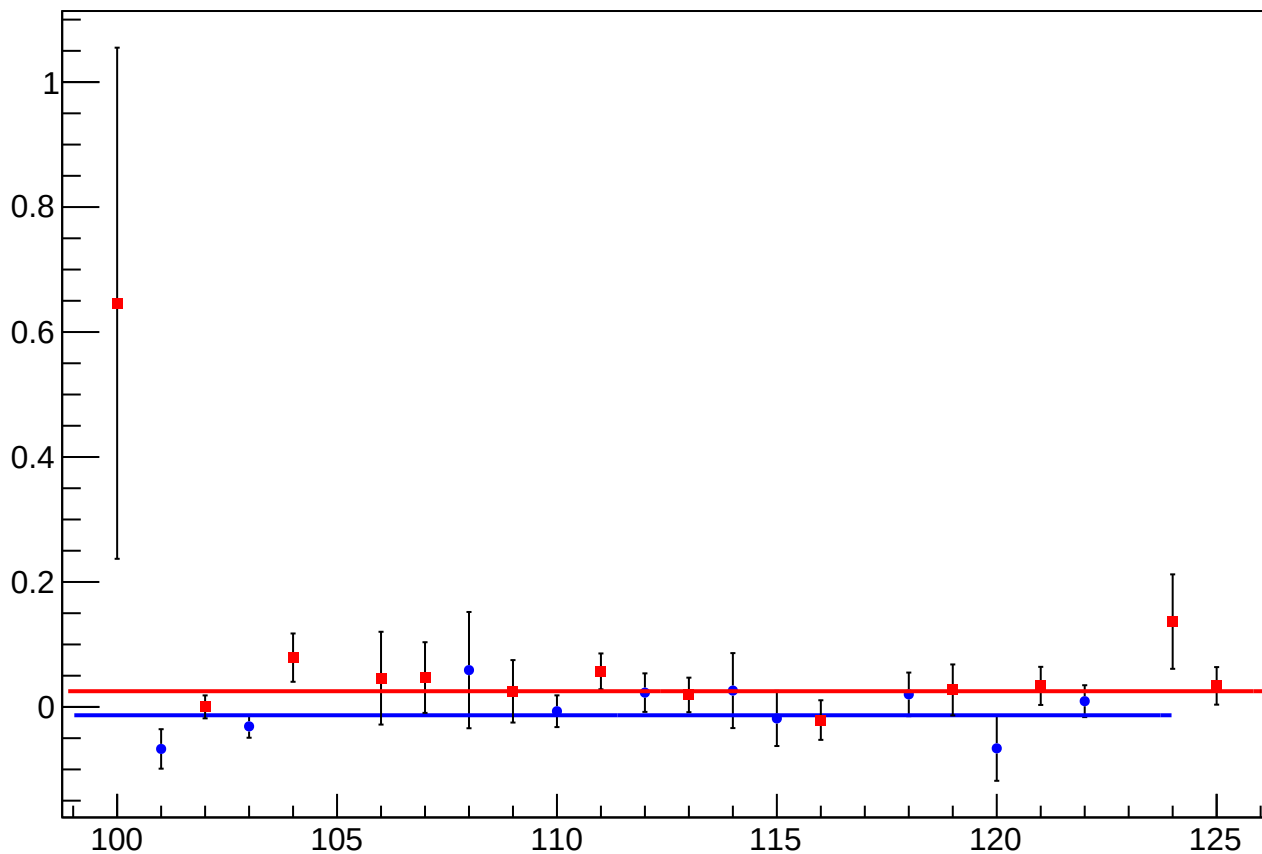
Right: 0.001+/-0.000 χ^2/NDF : 4017638.7/22

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 : 4017638.7/22

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 $\pm$ 0.010 χ^2 /NDF: 9.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.025 $\pm$ 0.010 χ^2 /NDF: 12.1/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

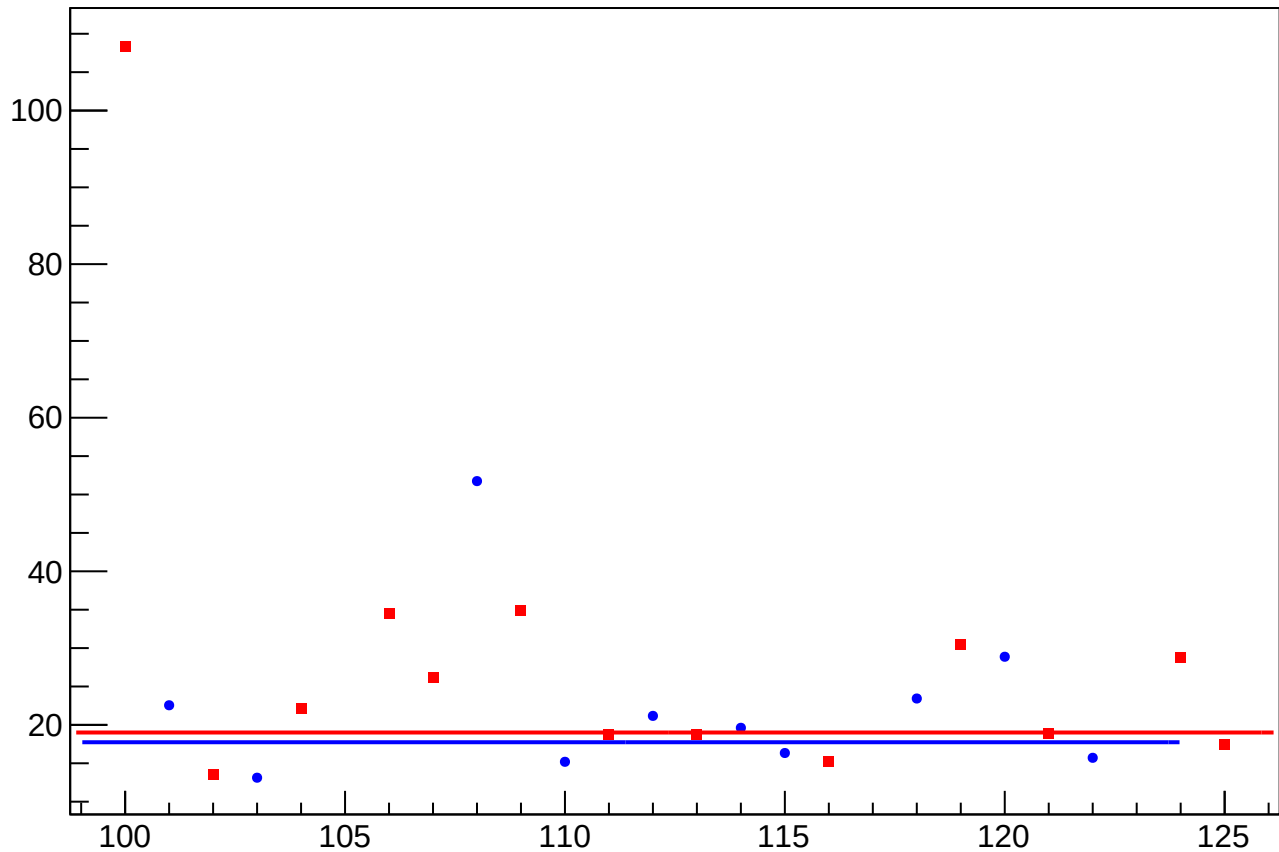
Right: 0.007 $\pm$ 0.007 χ^2 /NDF: 29.0/22

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: 0.007 $\pm$ 0.007 χ^2 /NDF: 29.0/22

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: 19.008+/-0.007 χ^2/NDF : 826697.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

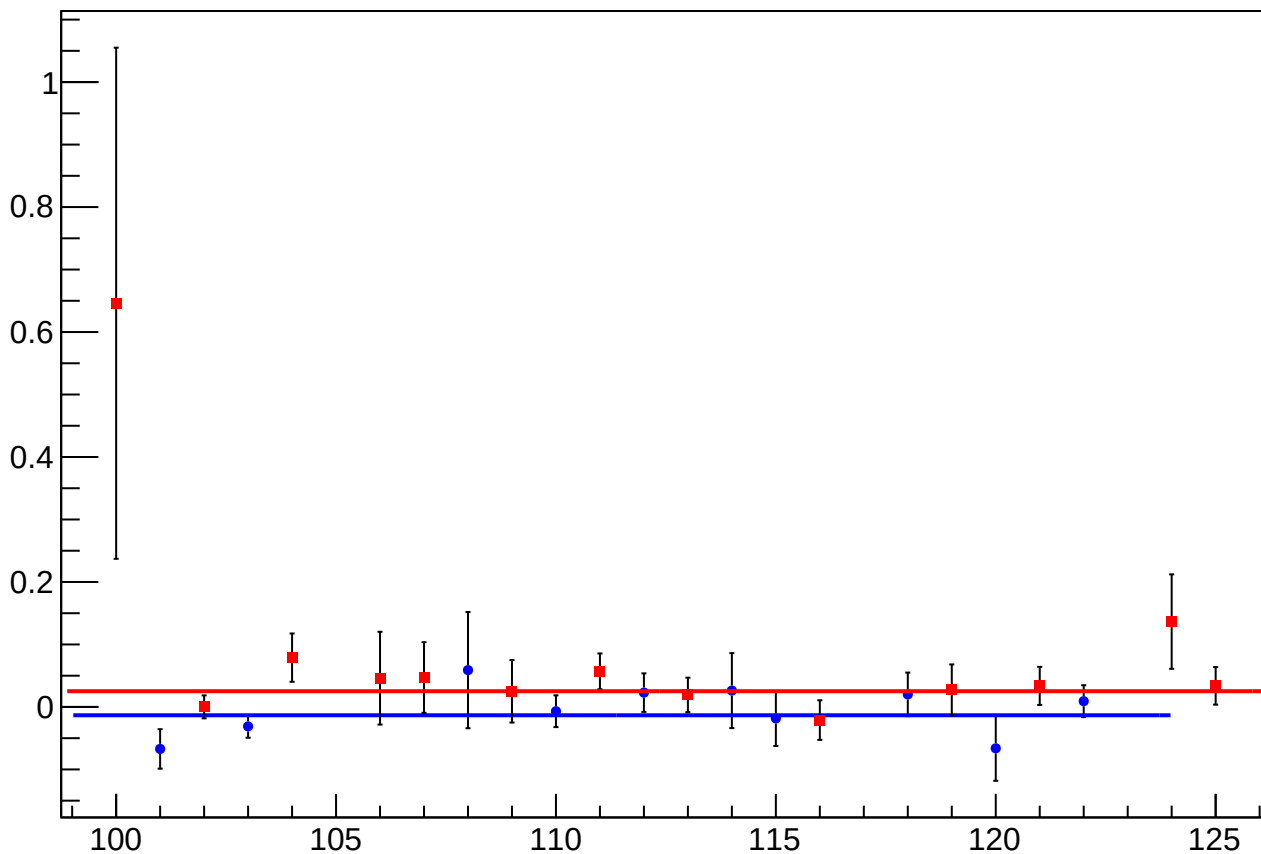
Right: 18.397+/-0.005 χ^2/NDF : 1492440.6/22

In: 17.740+/-0.007 χ^2/NDF : 648664.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.397+/-0.005 χ^2/NDF : 1492440.6/22

asym_sam_15_37_dd_eigen_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: 0.025 $\pm$ 0.010 χ^2 /NDF: 12.1/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

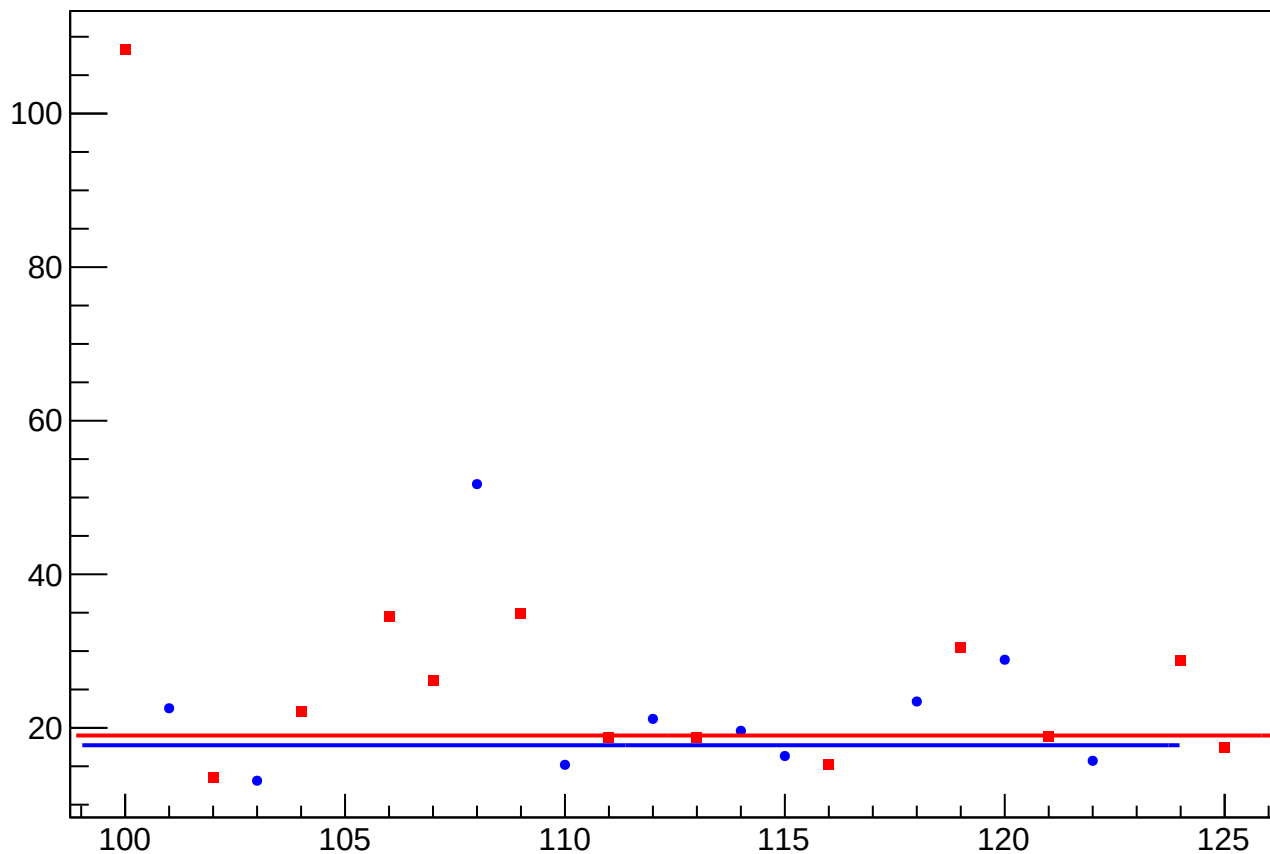
Right: 0.007 $\pm$ 0.007 χ^2 /NDF: 29.0/22

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: 0.007 $\pm$ 0.007 χ^2 /NDF: 29.0/22

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: 19.008+/-0.007 χ^2/NDF : 826697.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

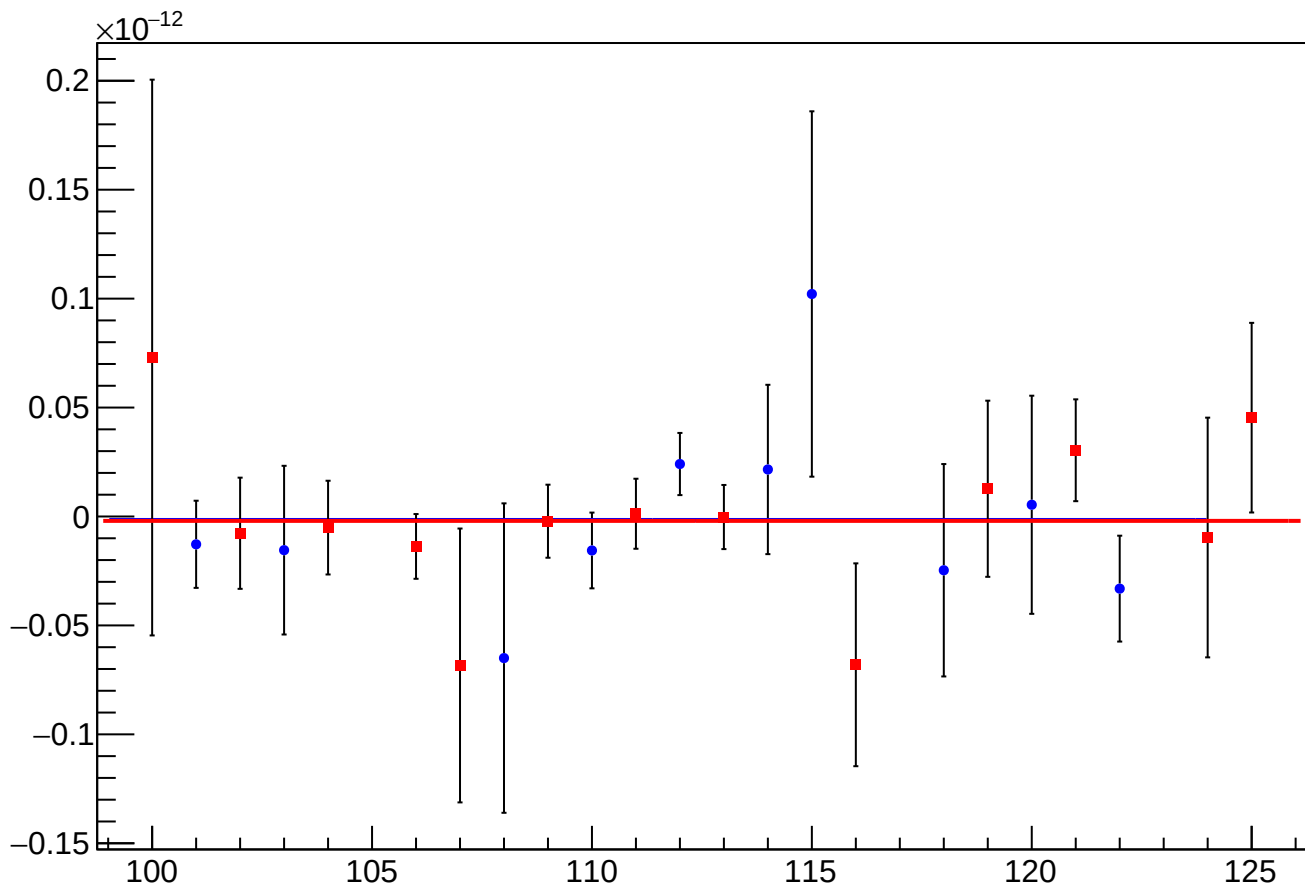
Right: 18.397+/-0.005 χ^2/NDF : 1492440.6/22

In: 17.740+/-0.007 χ^2/NDF : 648664.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.397+/-0.005 χ^2/NDF : 1492440.6/22

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 : 7.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

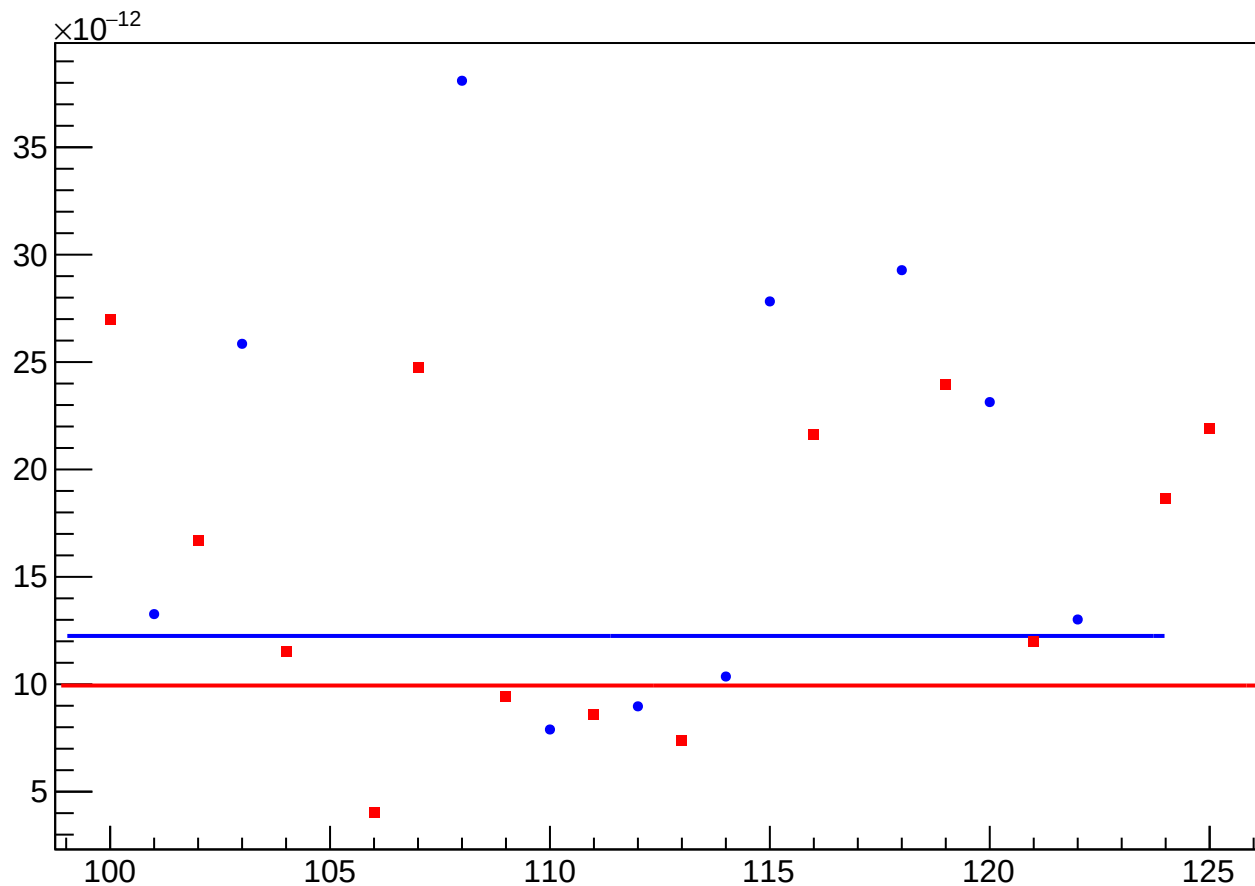
Right: -0.000+/-0.000 χ^2/NDF : 16.4/22

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 : 16.4/22

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 : 1274209.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

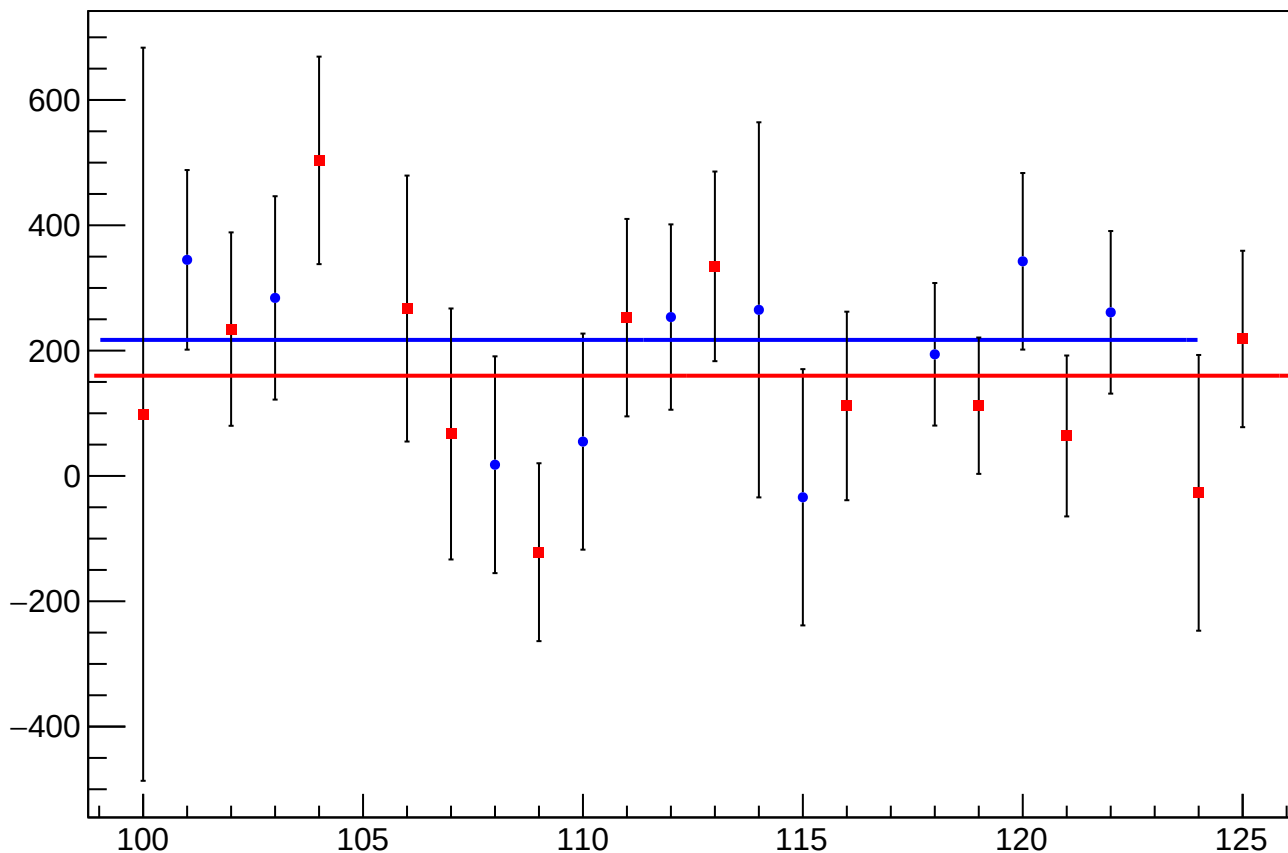
Right: 0.000+/-0.000 χ^2/NDF : 2534994.9/22

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 : 2534994.9/22

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: 159.964 $\pm$ 43.745 χ^2 /NDF: 12.4/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

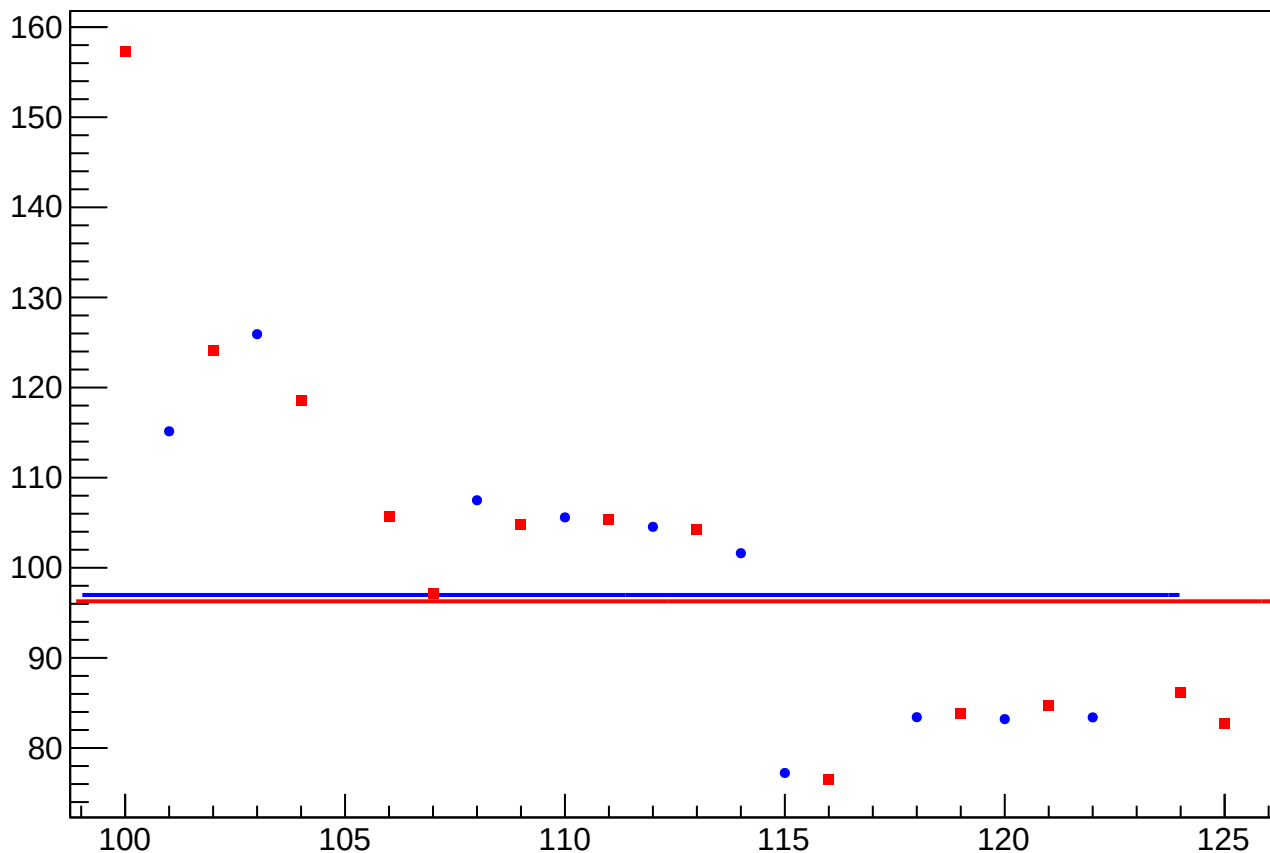
Right: 185.479 $\pm$ 32.545 χ^2 /NDF: 18.9/22

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: 185.479 $\pm$ 32.545 χ^2 /NDF: 18.9/22

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: 96.280+/-0.031 χ^2/NDF : 246014.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

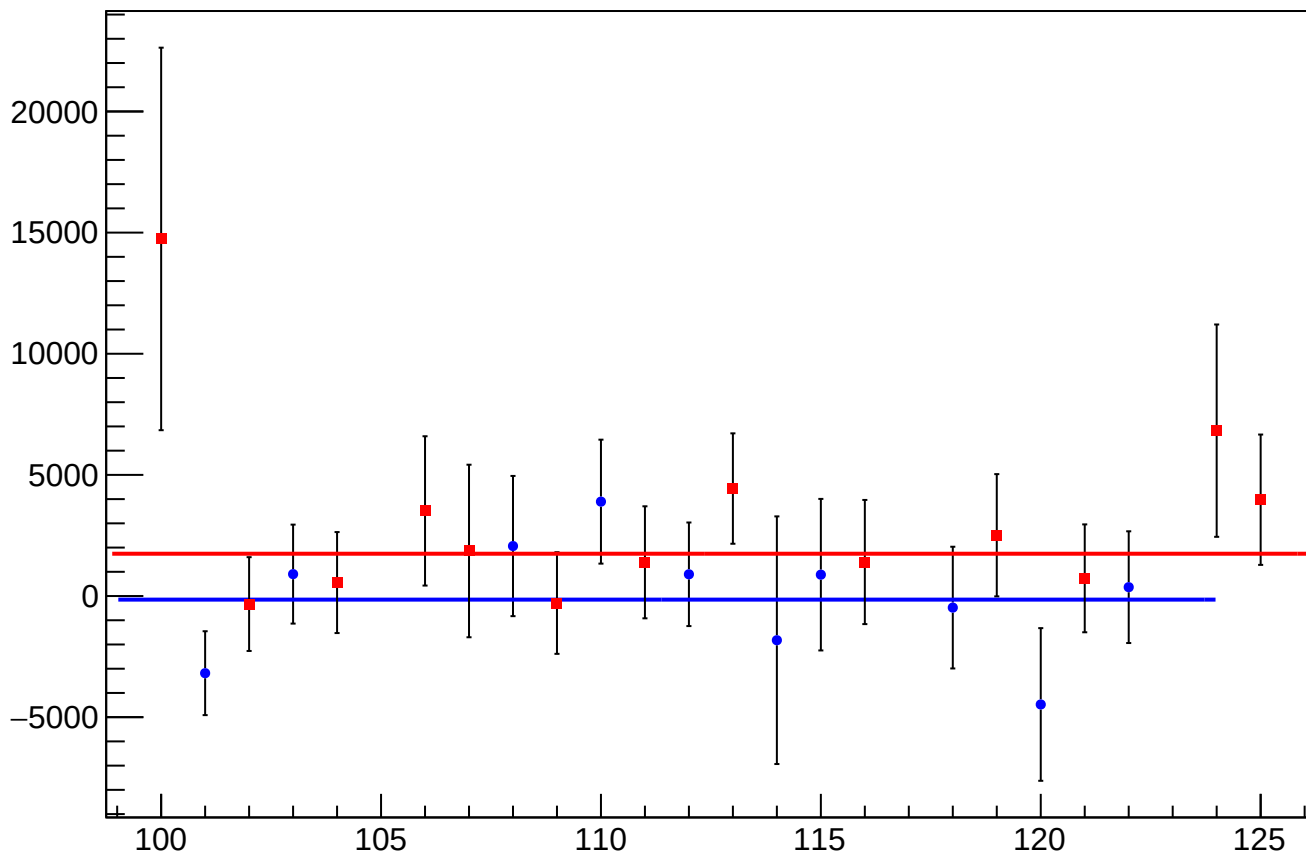
Right: 96.594+/-0.023 χ^2/NDF : 448181.1/22

In: 96.983+/-0.034 χ^2/NDF : 201936.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.594+/-0.023 χ^2/NDF : 448181.1/22

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: 1746.086+/-706.097 χ^2/NDF : 9.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

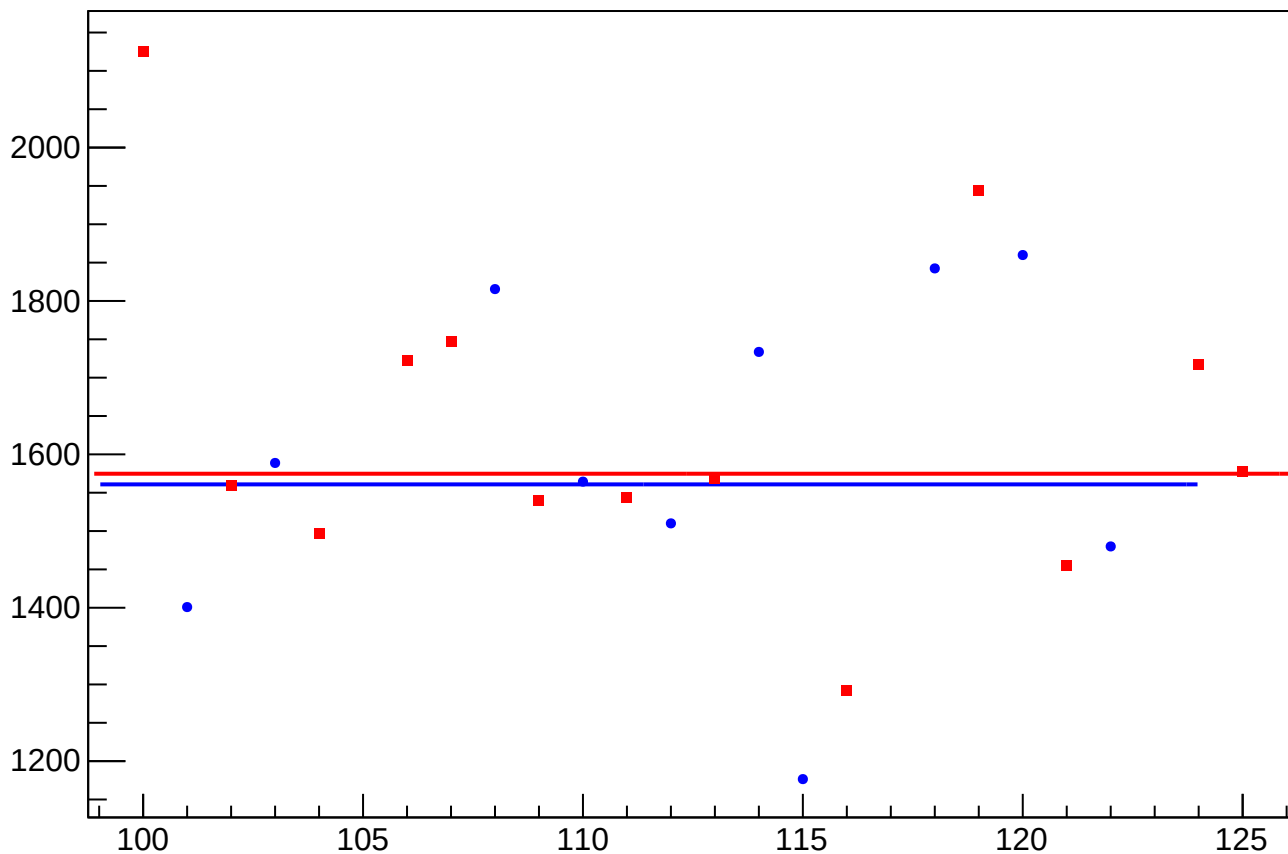
Right: 890.457+/-522.849 χ^2/NDF : 21.3/22

In: -148.184+/-777.955 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 890.457+/-522.849 χ^2/NDF : 21.3/22

asym_sam_24_68_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1560.856+/-0.550 χ^2/NDF : 112164.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1574.741+/-0.499 χ^2/NDF : 97997.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

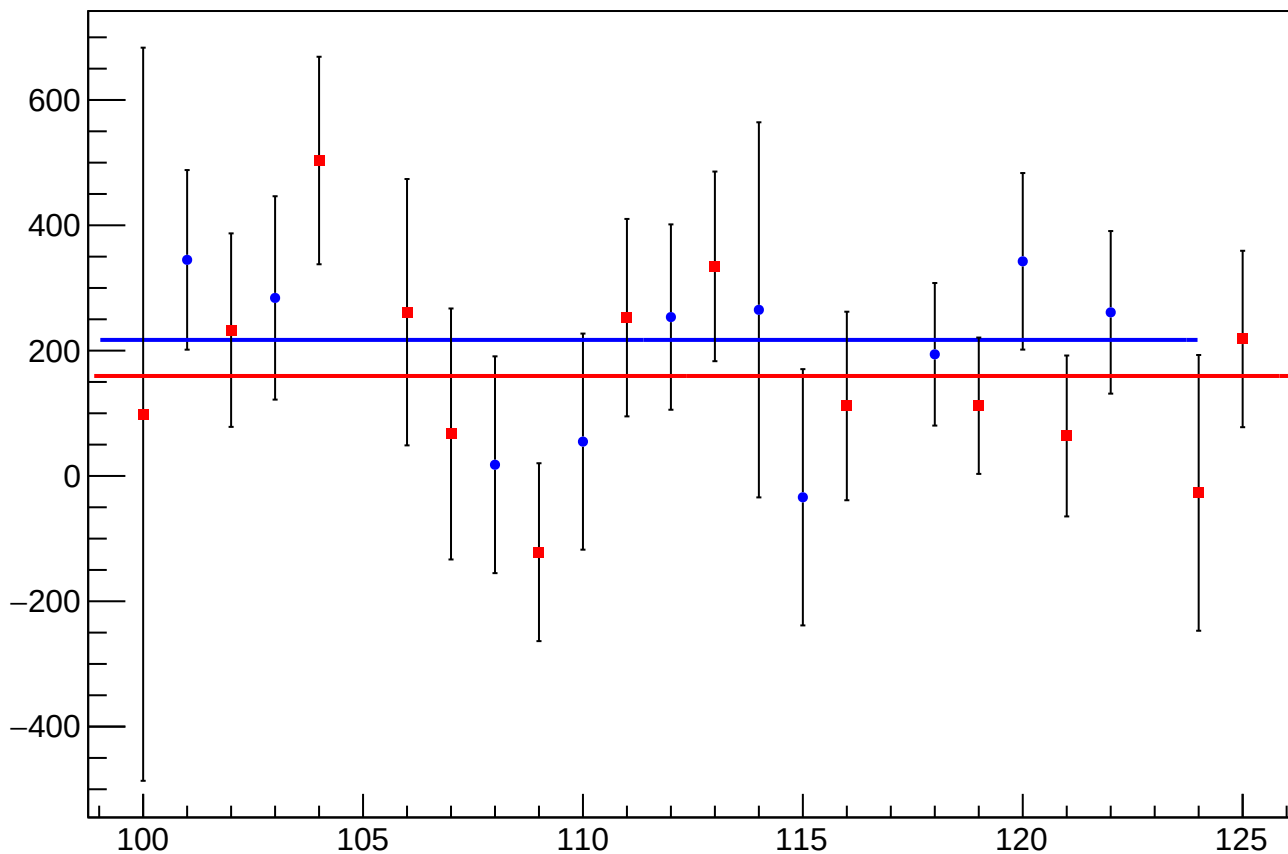
Right: 1568.469+/-0.370 χ^2/NDF : 210511.8/22

In: 1560.856+/-0.550 χ^2/NDF : 112164.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1568.469+/-0.370 χ^2/NDF : 210511.8/22

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: 159.545 $\pm$ 43.750 χ^2 /NDF: 12.3/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

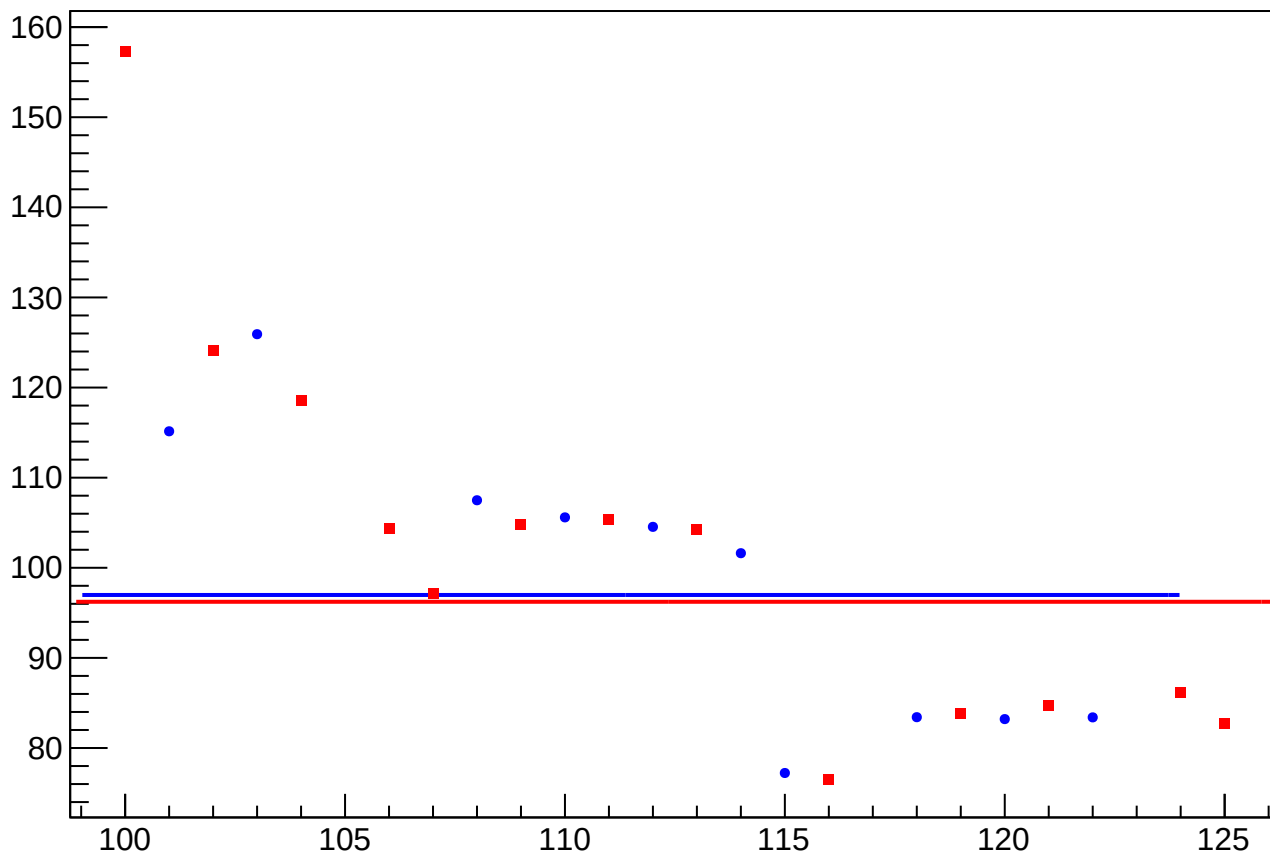
Right: 185.249 $\pm$ 32.547 χ^2 /NDF: 18.8/22

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: 185.249 $\pm$ 32.547 χ^2 /NDF: 18.8/22

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: 96.227+/-0.031 χ^2/NDF : 245213.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

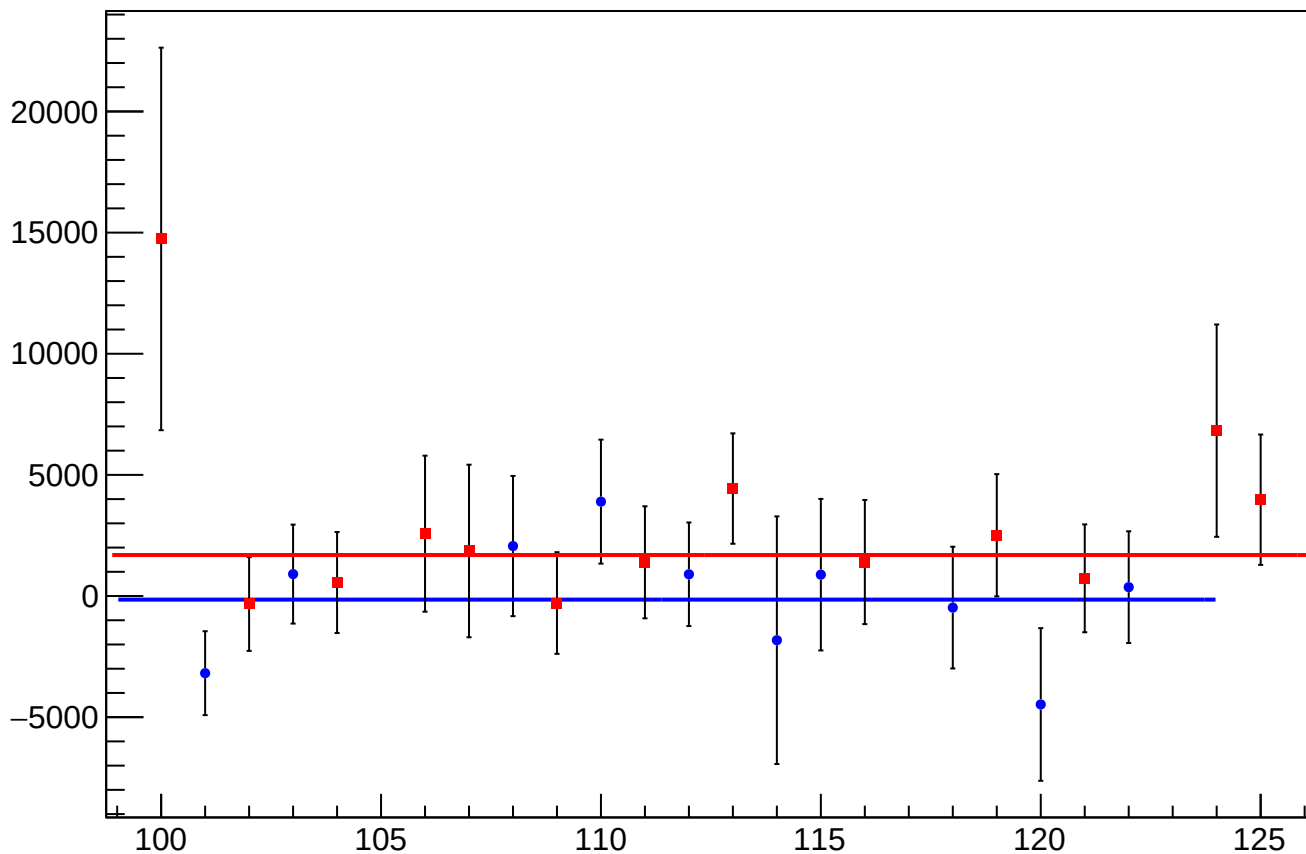
Right: 96.565+/-0.023 χ^2/NDF : 447417.4/22

In: 96.983+/-0.034 χ^2/NDF : 201937.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.565+/-0.023 χ^2/NDF : 447417.4/22

asym_sam_24_68_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -148.124 $\pm$ 777.959 χ^2 /NDF: 8.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1693.513 $\pm$ 707.700 χ^2 /NDF: 9.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

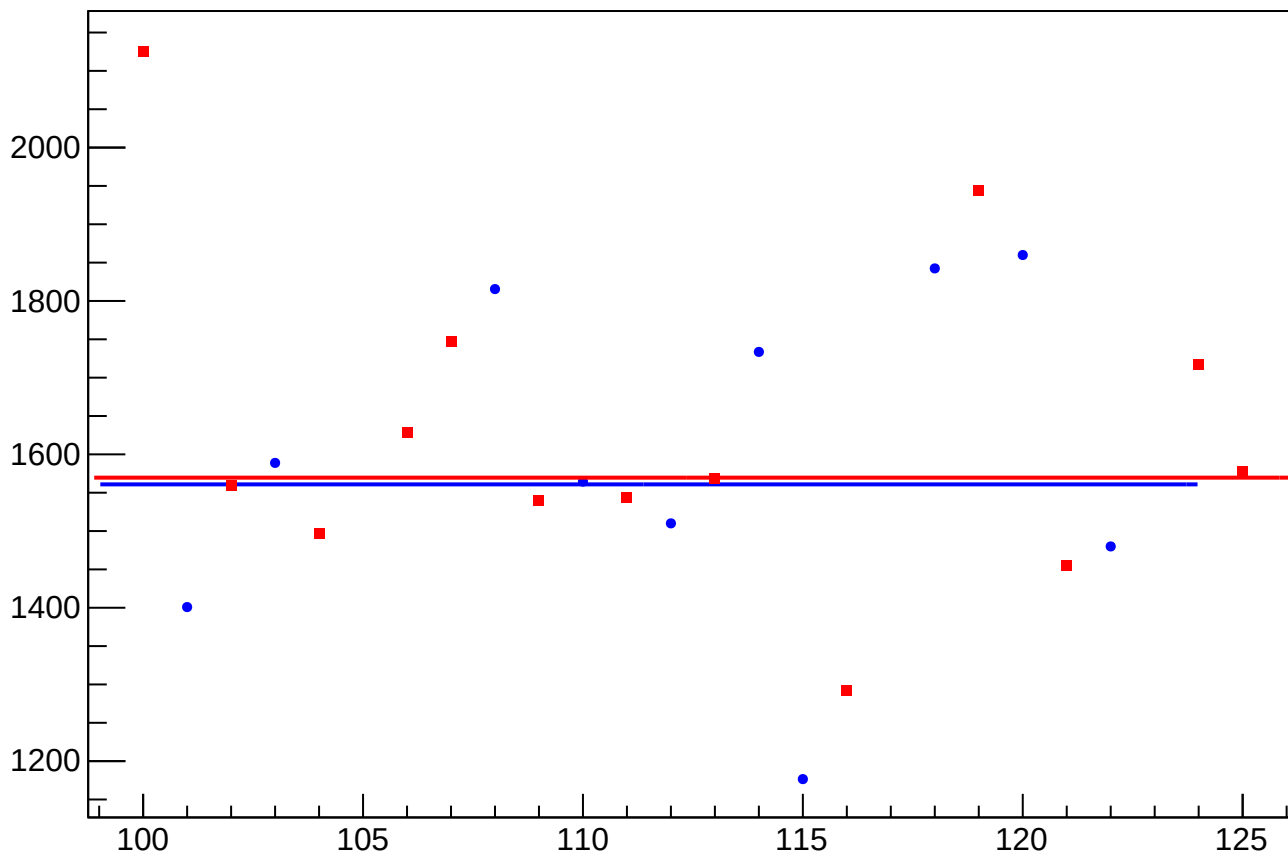
Right: 859.594 $\pm$ 523.500 χ^2 /NDF: 20.8/22

In: -148.124 $\pm$ 777.959 χ^2 /NDF:8.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 859.594 $\pm$ 523.500 χ^2 /NDF: 20.8/22

asym_sam_24_68_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1560.864+/-0.550 χ^2/NDF : 112166.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1569.629+/-0.500 χ^2/NDF : 93845.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

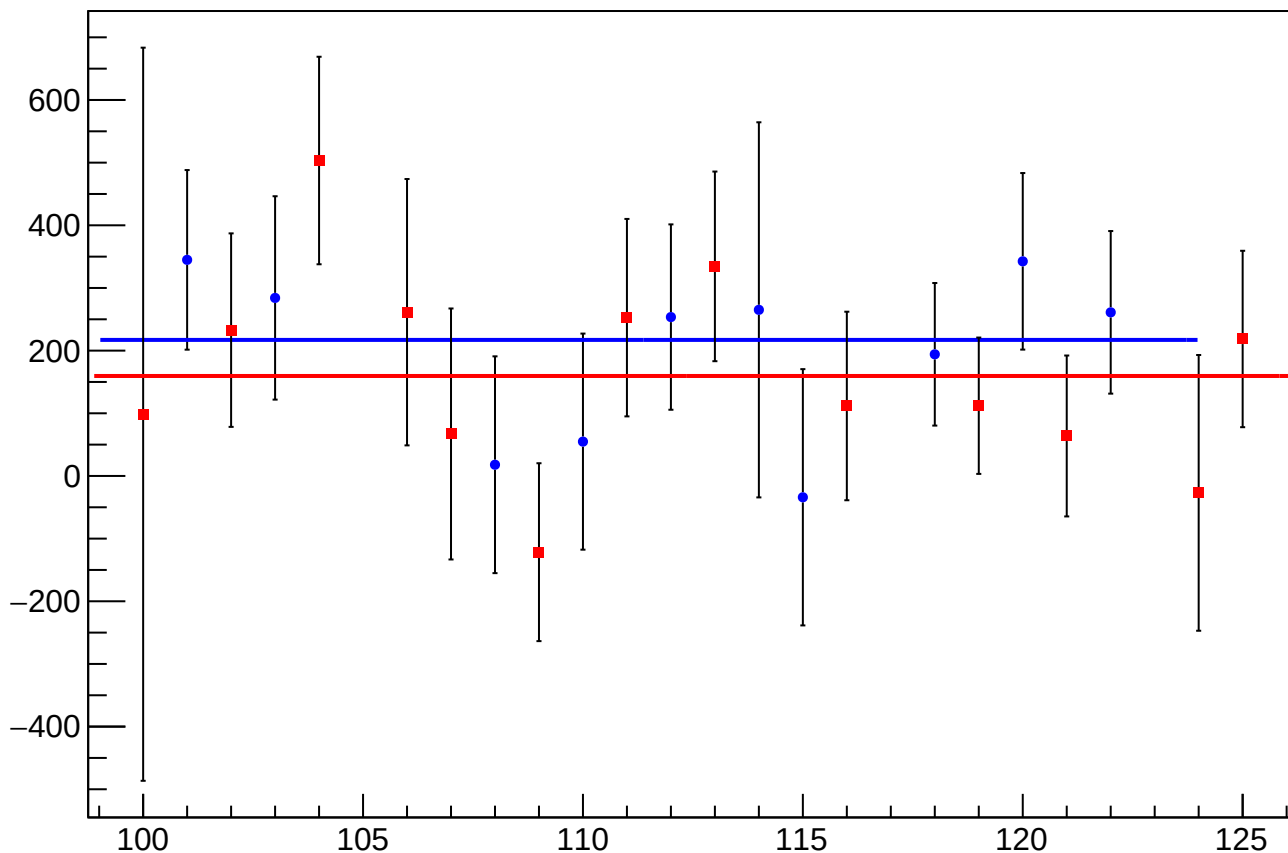
Right: 1565.661+/-0.370 χ^2/NDF : 206151.4/22

In: 1560.864+/-0.550 χ^2/NDF : 112166.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1565.661+/-0.370 χ^2/NDF : 206151.4/22

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: 159.545 $\pm$ 43.750 χ^2 /NDF: 12.3/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

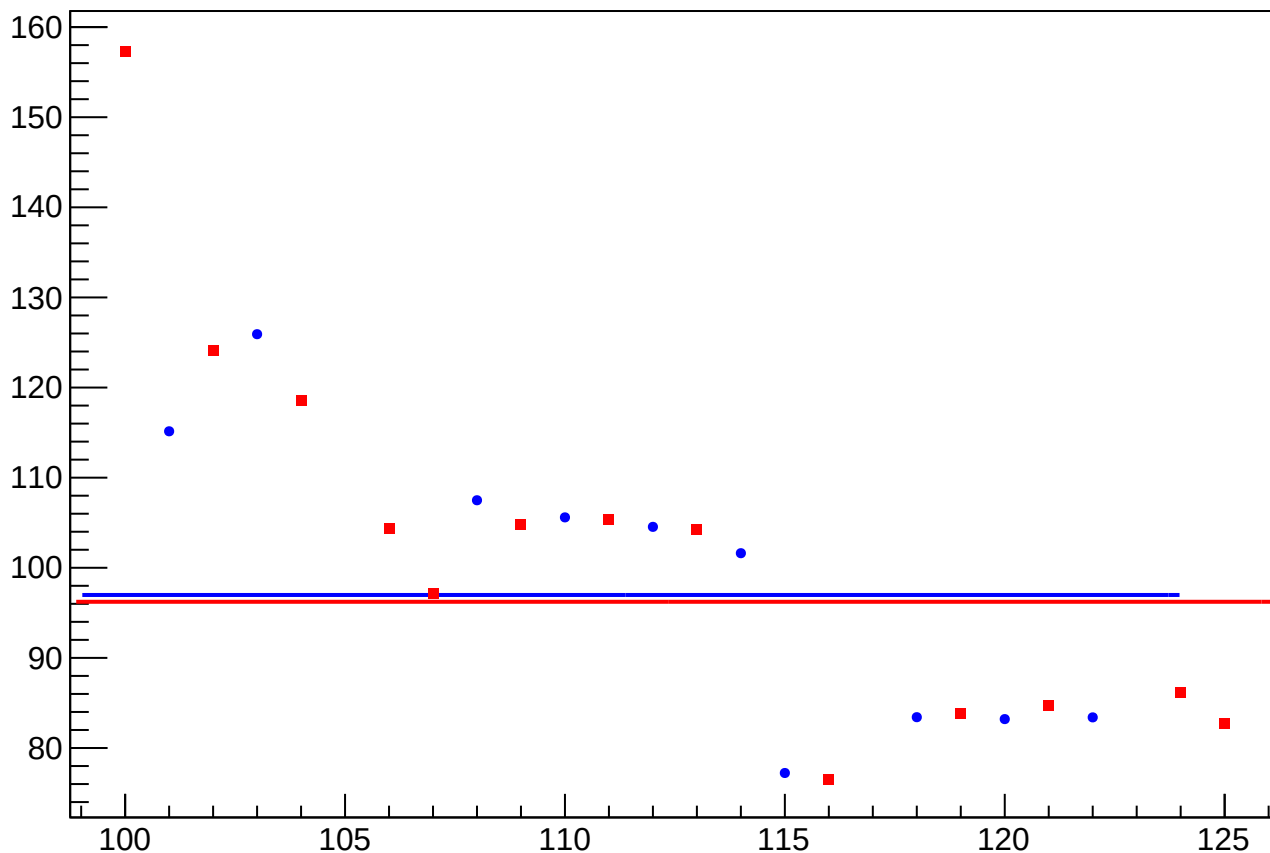
Right: 185.249 $\pm$ 32.547 χ^2 /NDF: 18.8/22

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: 185.249 $\pm$ 32.547 χ^2 /NDF: 18.8/22

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: 96.227+/-0.031 χ^2/NDF : 245213.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

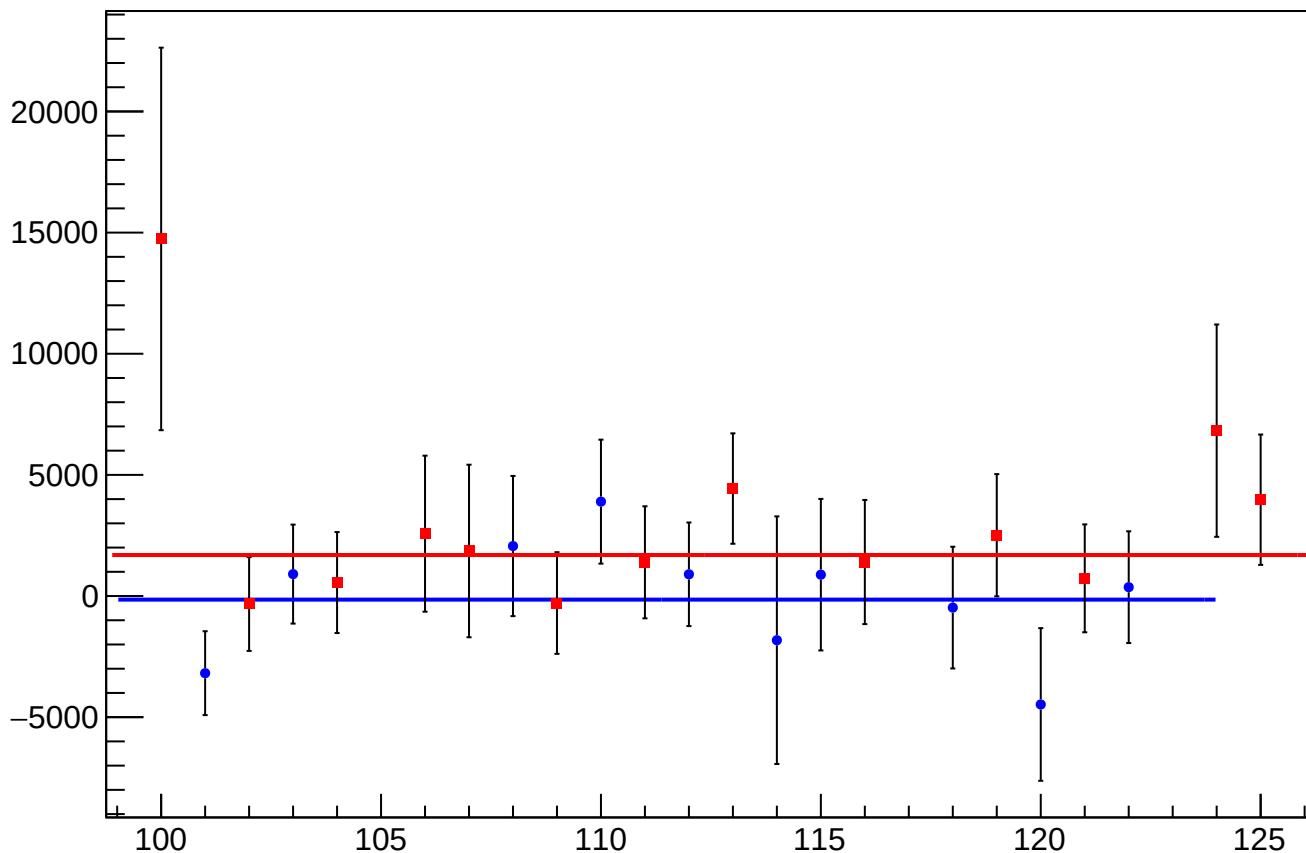
Right: 96.565+/-0.023 χ^2/NDF : 447417.4/22

In: 96.983+/-0.034 χ^2/NDF : 201937.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.565+/-0.023 χ^2/NDF : 447417.4/22

asym_sam_24_68_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -148.124 $\pm$ 777.959 χ^2 /NDF: 8.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1693.513 $\pm$ 707.700 χ^2 /NDF: 9.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

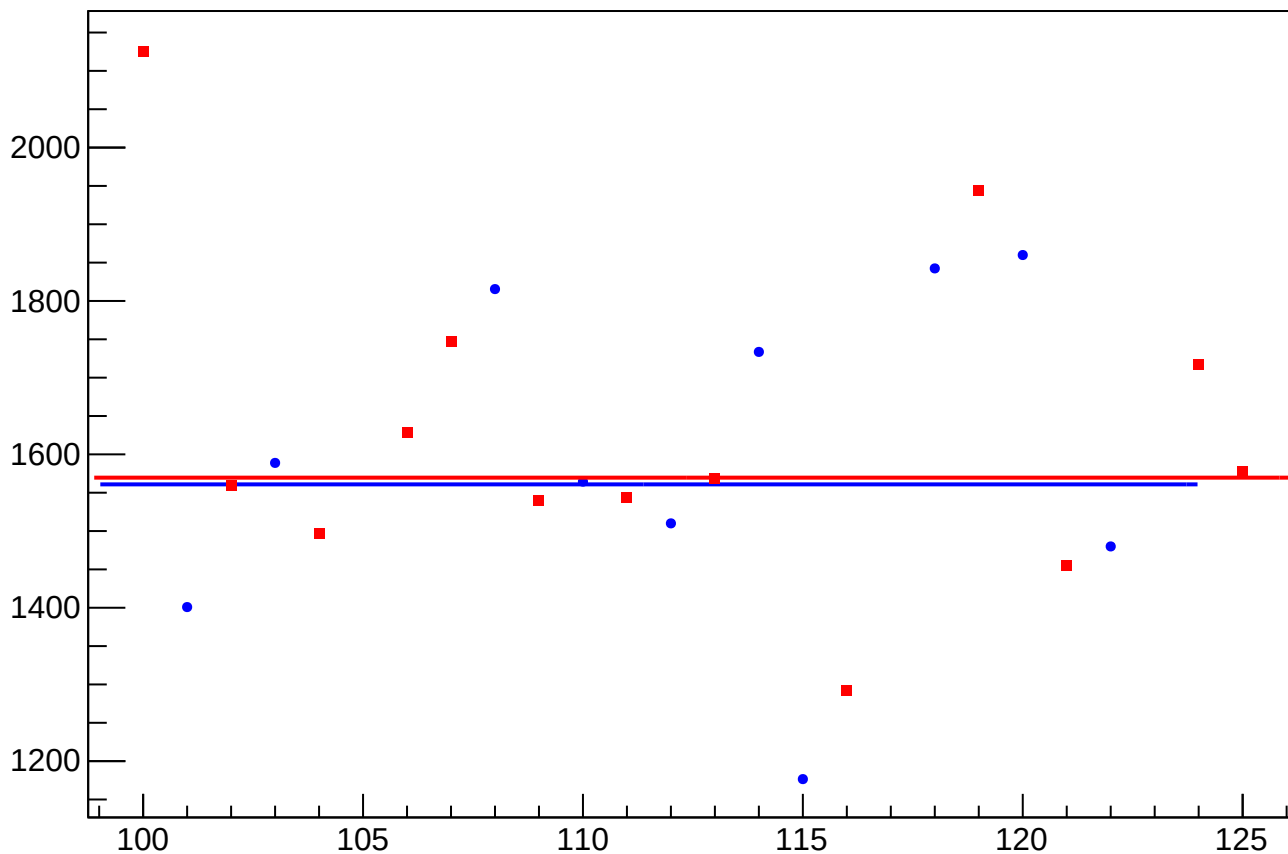
Right: 859.594 $\pm$ 523.500 χ^2 /NDF: 20.8/22

In: -148.124 $\pm$ 777.959 χ^2 /NDF:8.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 859.594 $\pm$ 523.500 χ^2 /NDF: 20.8/22

asym_sam_24_68_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1560.864 $\pm$ 0.550 χ^2 /NDF: 112166.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1569.629 $\pm$ 0.500 χ^2 /NDF: 93845.8/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

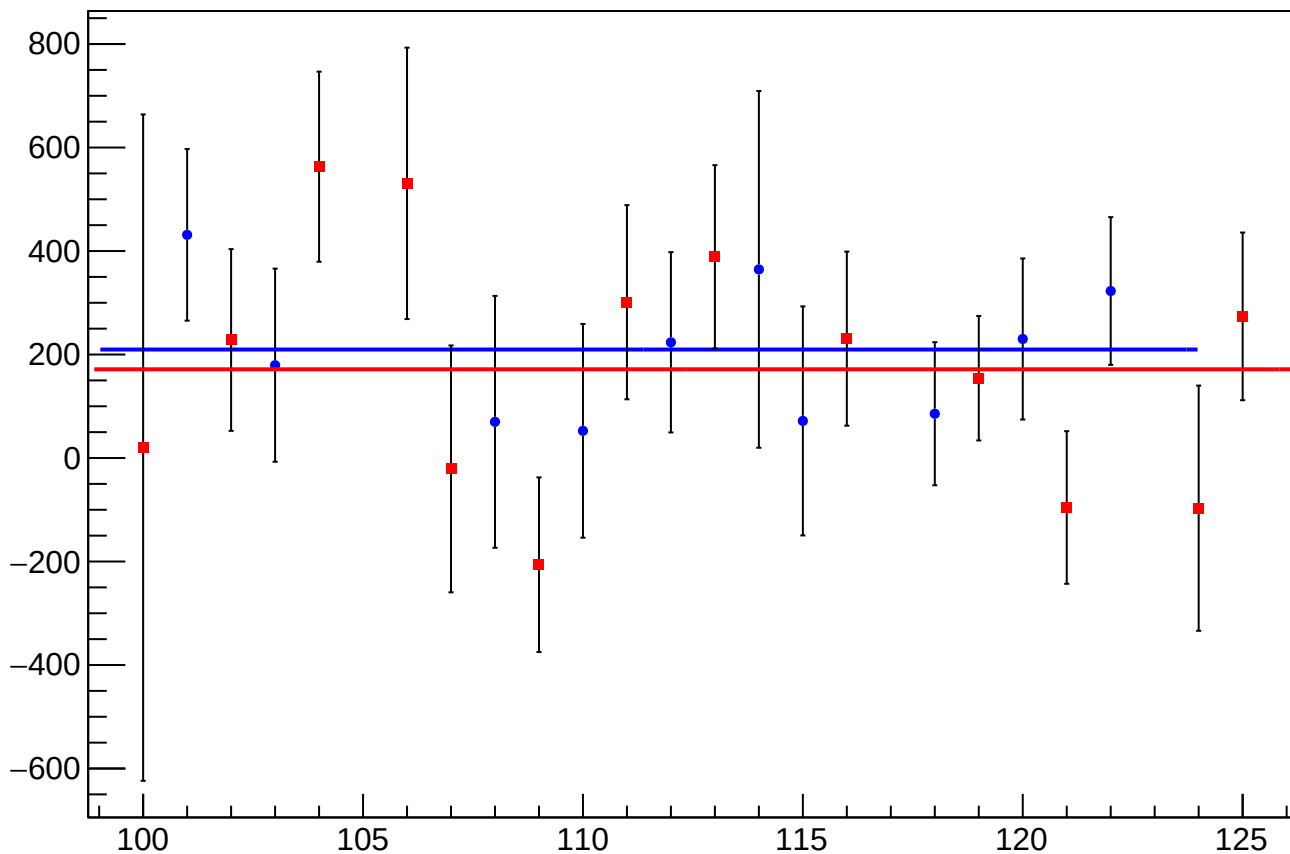
Right: 1565.661 $\pm$ 0.370 χ^2 /NDF: 206151.4/22

In: 1560.864 $\pm$ 0.550 χ^2 /NDF:112166.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1565.661 $\pm$ 0.370 χ^2 /NDF: 206151.4/22

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: 171.456 $\pm$ 50.105 χ^2 /NDF: 19.3/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

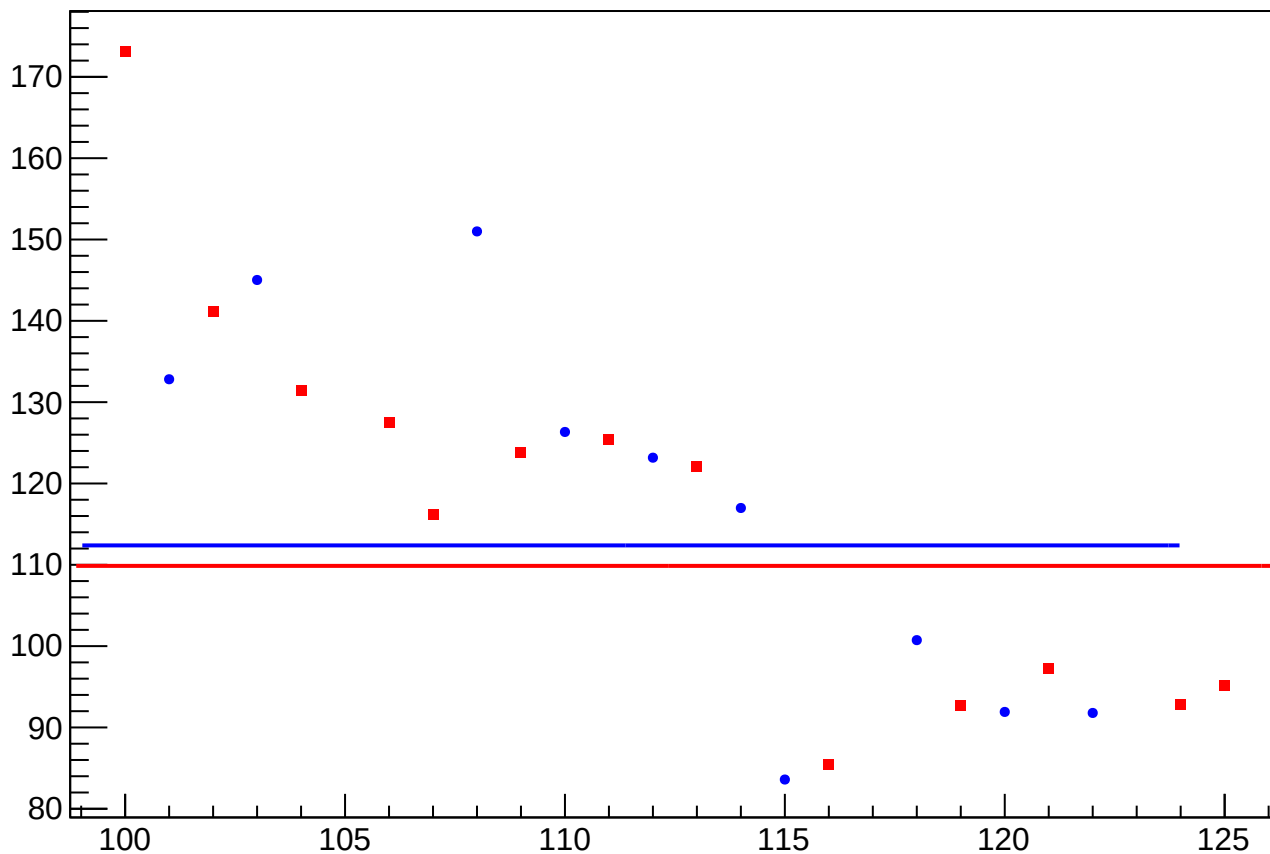
Right: 188.170 $\pm$ 37.577 χ^2 /NDF: 24.3/22

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: 188.170 $\pm$ 37.577 χ^2 /NDF: 24.3/22

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 112.386 $\pm$ 0.040 χ^2 /NDF: 283388.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 109.868 $\pm$ 0.035 χ^2 /NDF: 282129.9/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

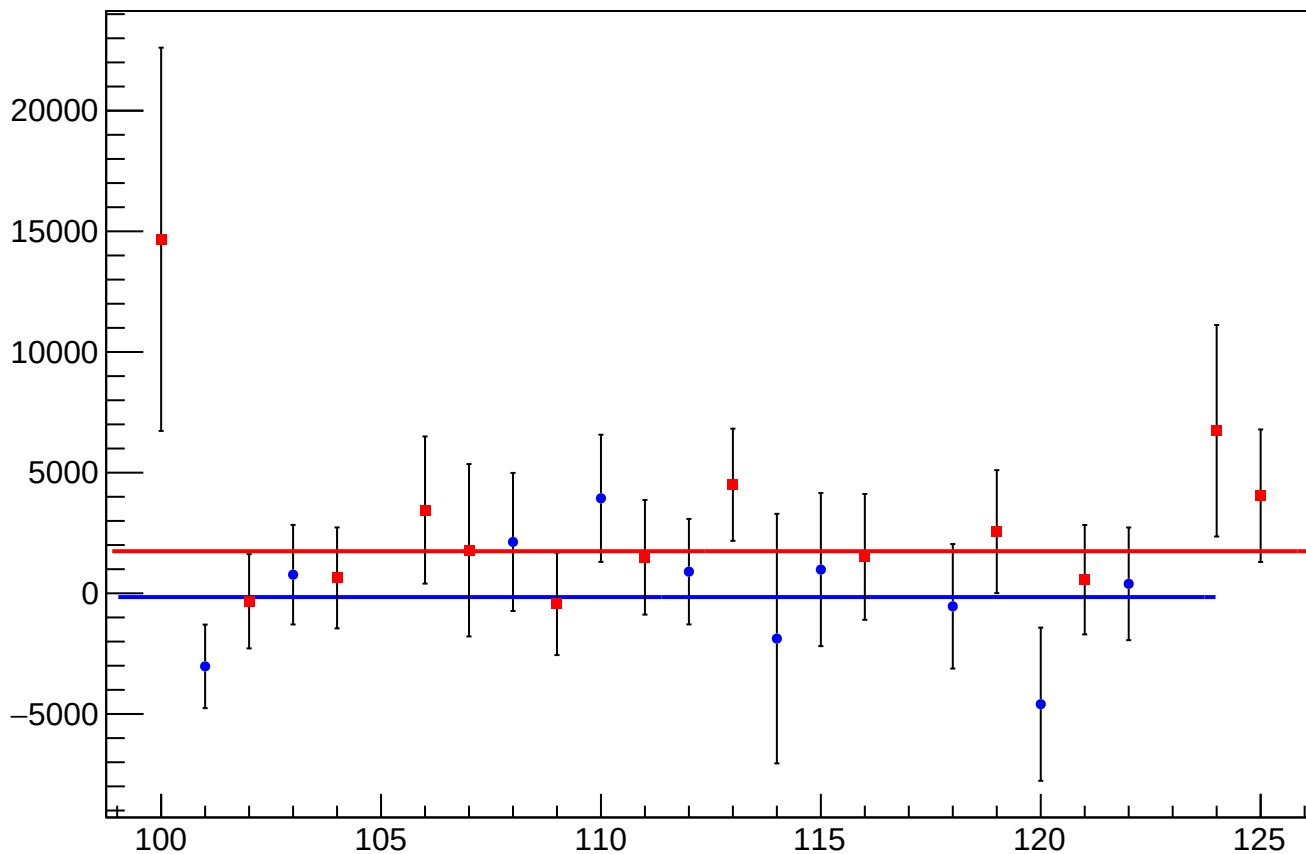
Right: 110.969 $\pm$ 0.027 χ^2 /NDF: 567729.1/22

In: 112.386 $\pm$ 0.040 χ^2 /NDF:283388.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 110.969 $\pm$ 0.027 χ^2 /NDF: 567729.1/22

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: 1745.028 ± 714.594 χ^2/NDF : 9.2/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

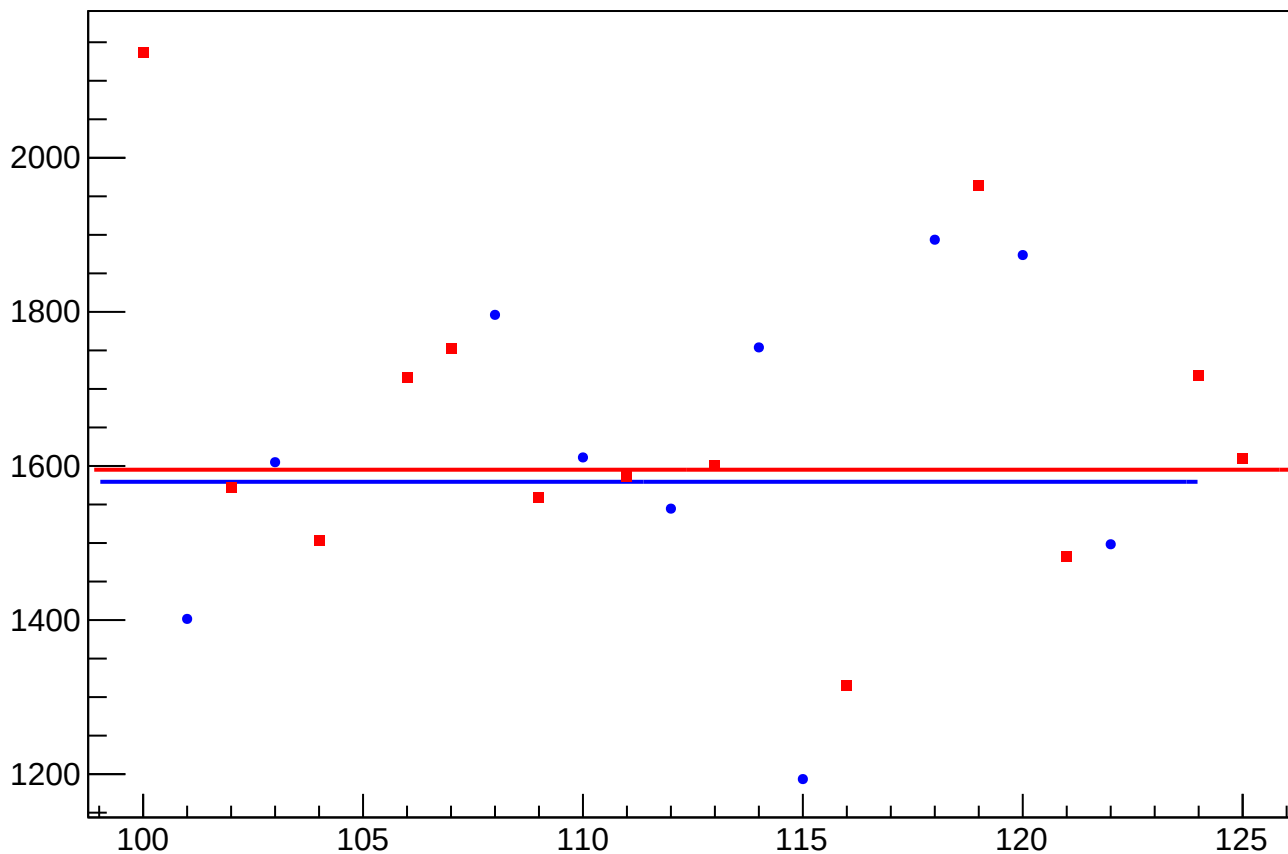
Right: 886.108 ± 529.083 χ^2/NDF : 20.9/22

In: -156.021 ± 787.126 χ^2/NDF : 8.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 886.108 ± 529.083 χ^2/NDF : 20.9/22

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: 1595.148+/-0.505 χ^2/NDF : 92699.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

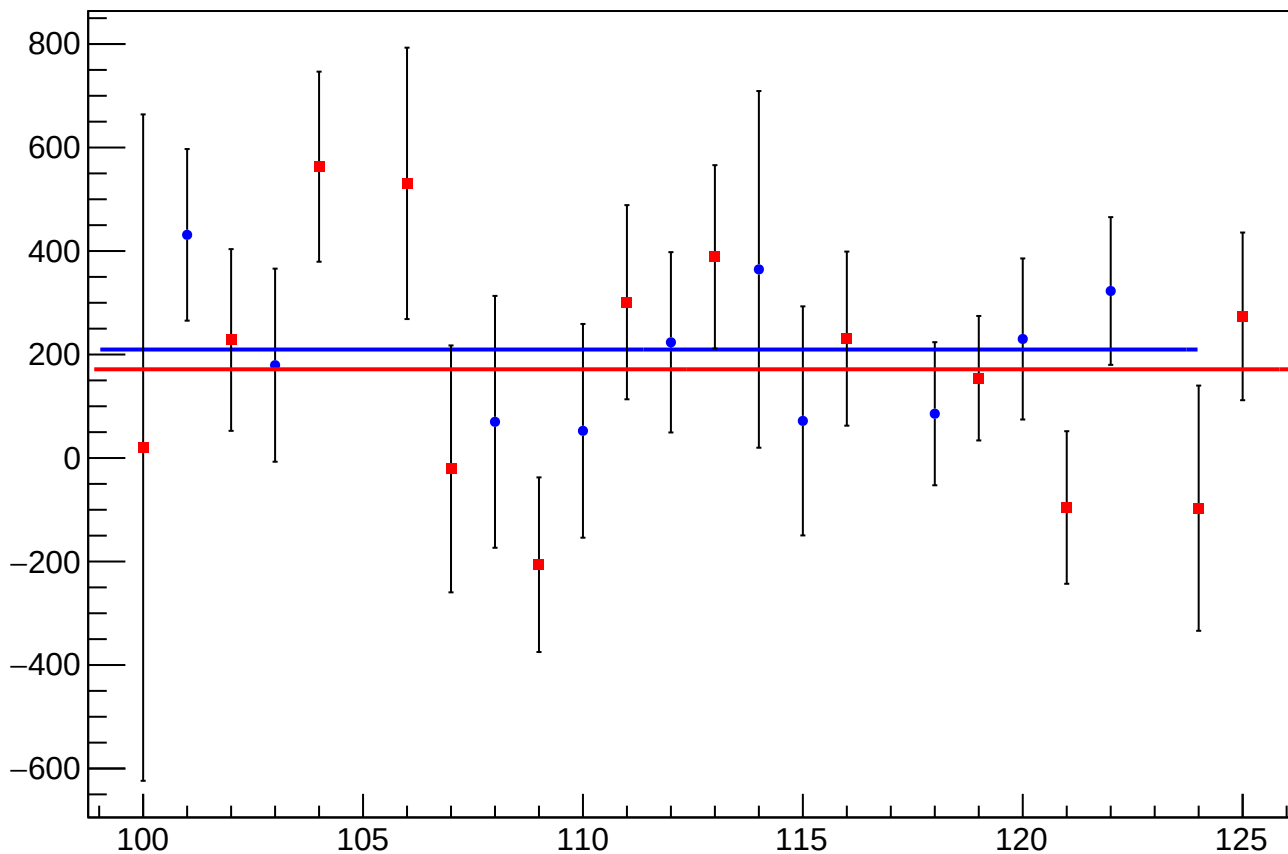
Right: 1588.064+/-0.374 χ^2/NDF : 207997.6/22

In: 1579.470+/-0.557 χ^2/NDF : 114863.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1588.064+/-0.374 χ^2/NDF : 207997.6/22

eigen_dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 209.653+/-56.807 χ^2/NDF : 4.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.452+/-50.105 χ^2/NDF : 19.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

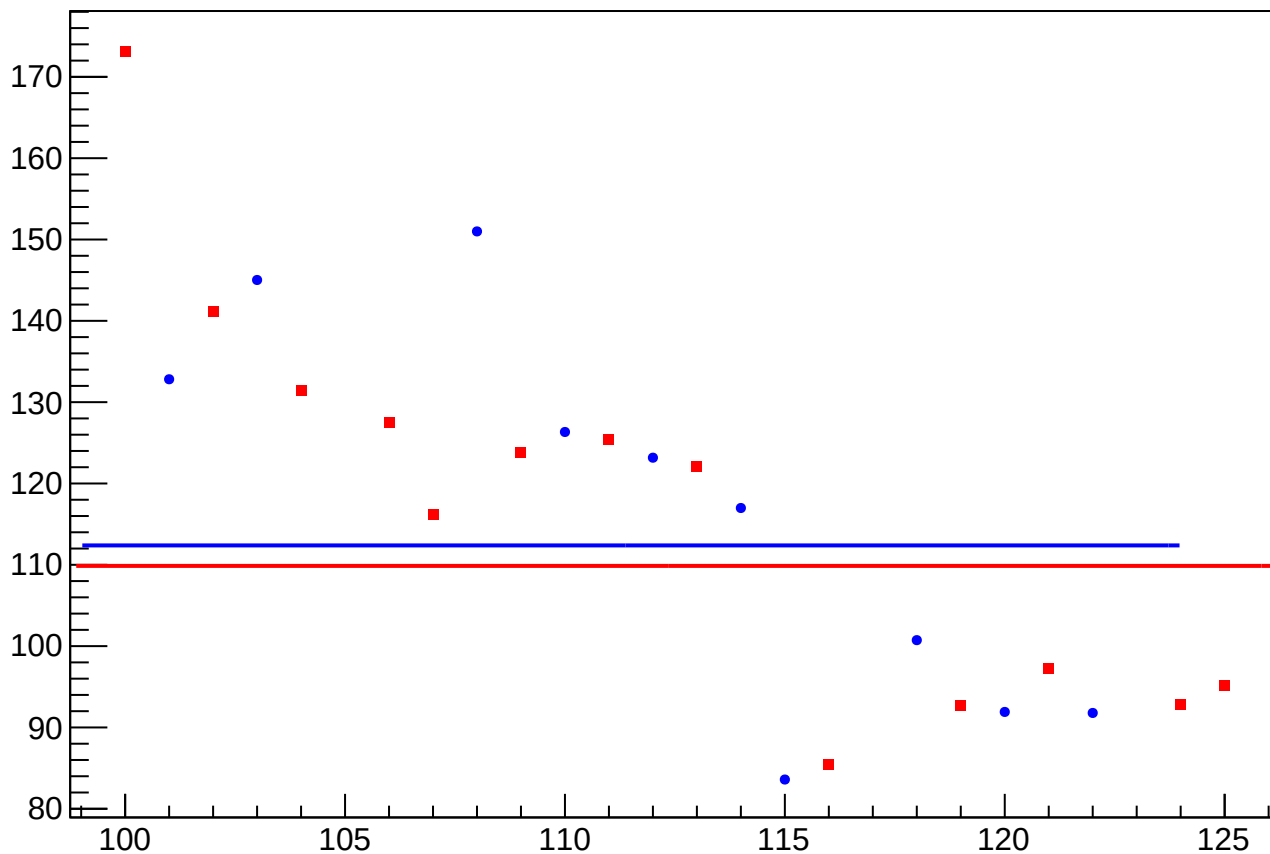
Right: 188.167+/-37.577 χ^2/NDF : 24.3/22

In: 209.653+/-56.807 χ^2/NDF : 4.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 188.167+/-37.577 χ^2/NDF : 24.3/22

eigen_dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 112.385 $\pm$ 0.040 χ^2 /NDF: 283388.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 109.867 $\pm$ 0.035 χ^2 /NDF: 282125.4/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

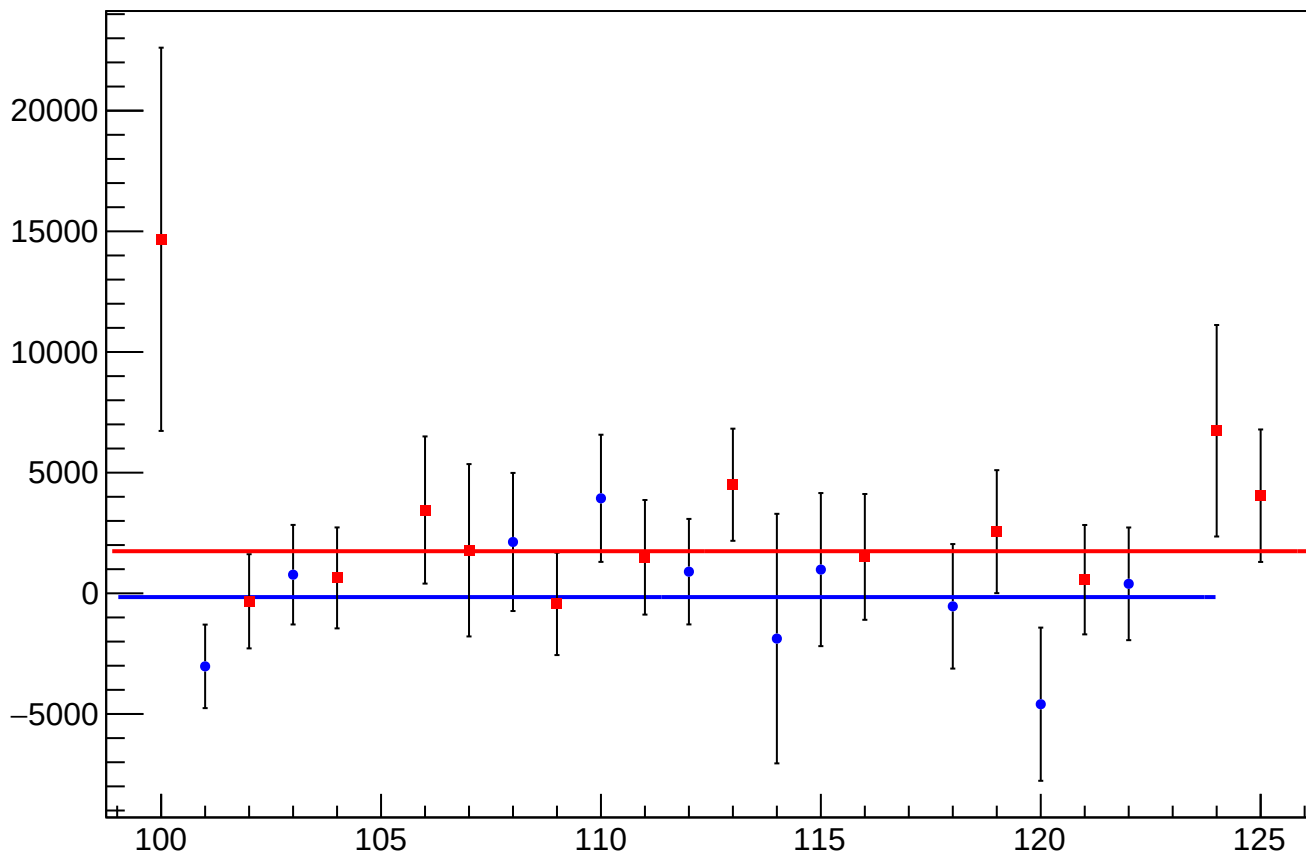
Right: 110.969 $\pm$ 0.027 χ^2 /NDF: 567724.4/22

In: 112.385 $\pm$ 0.040 χ^2 /NDF:283388.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 110.969 $\pm$ 0.027 χ^2 /NDF: 567724.4/22

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: 1745.025+/-714.593 χ^2 /NDF: 9.2/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

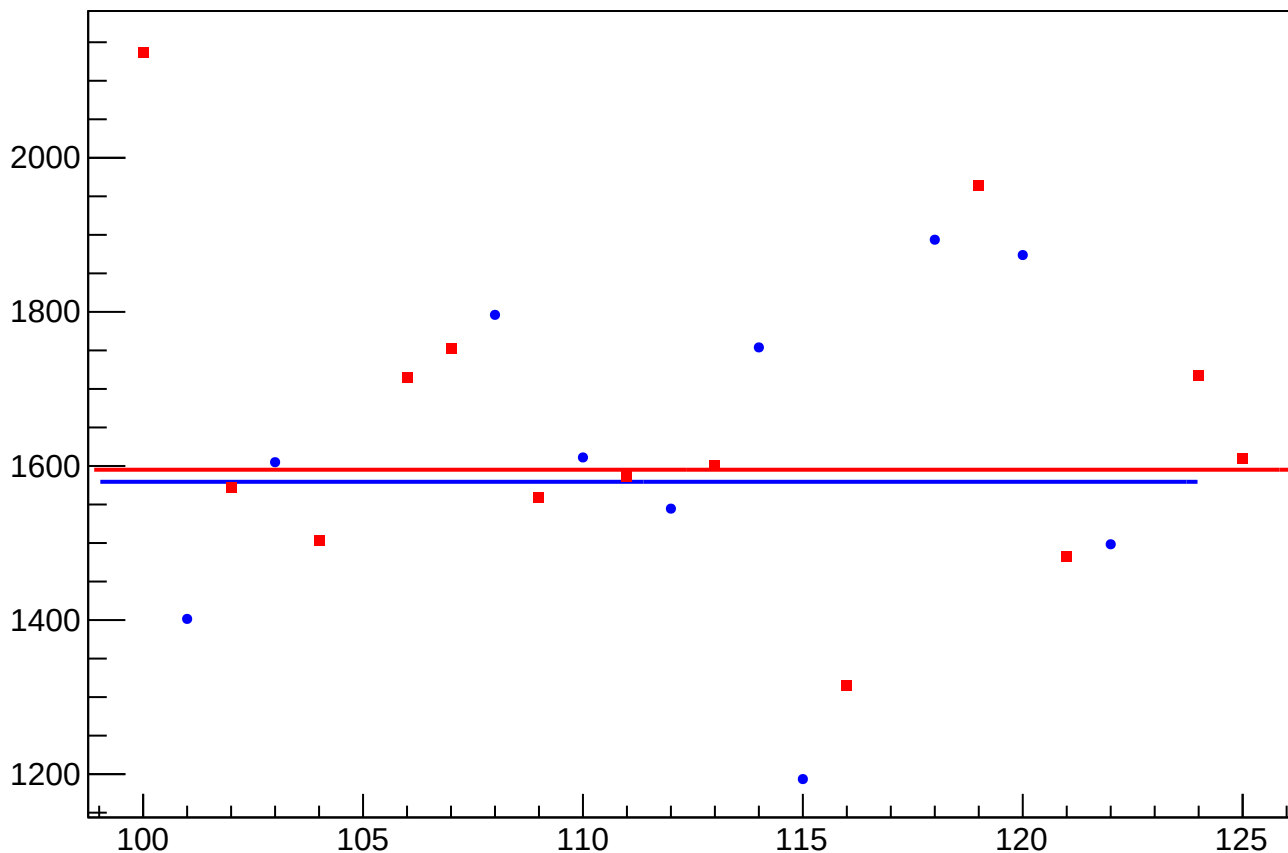
Right: 886.108+/-529.082 χ^2 /NDF: 20.9/22

In: -156.019+/-787.124 χ^2 /NDF:8.5/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 886.108+/-529.082 χ^2 /NDF: 20.9/22

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: 1595.144+/-0.505 χ^2/NDF : 92699.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

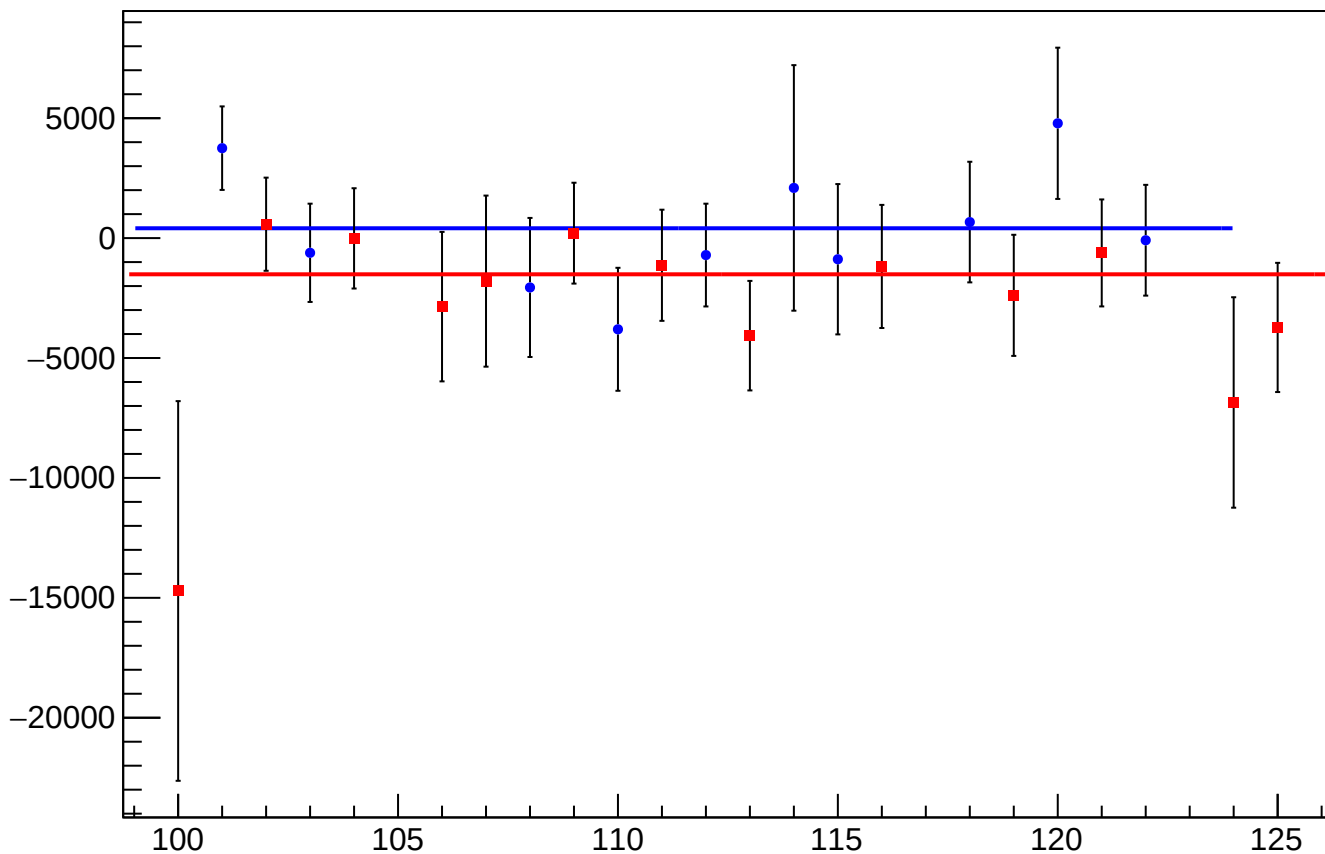
Right: 1588.061+/-0.374 χ^2/NDF : 207996.5/22

In: 1579.466+/-0.557 χ^2/NDF : 114862.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1588.061+/-0.374 χ^2/NDF : 207996.5/22

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: -1509.443+/-708.015 χ^2/NDF : 9.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

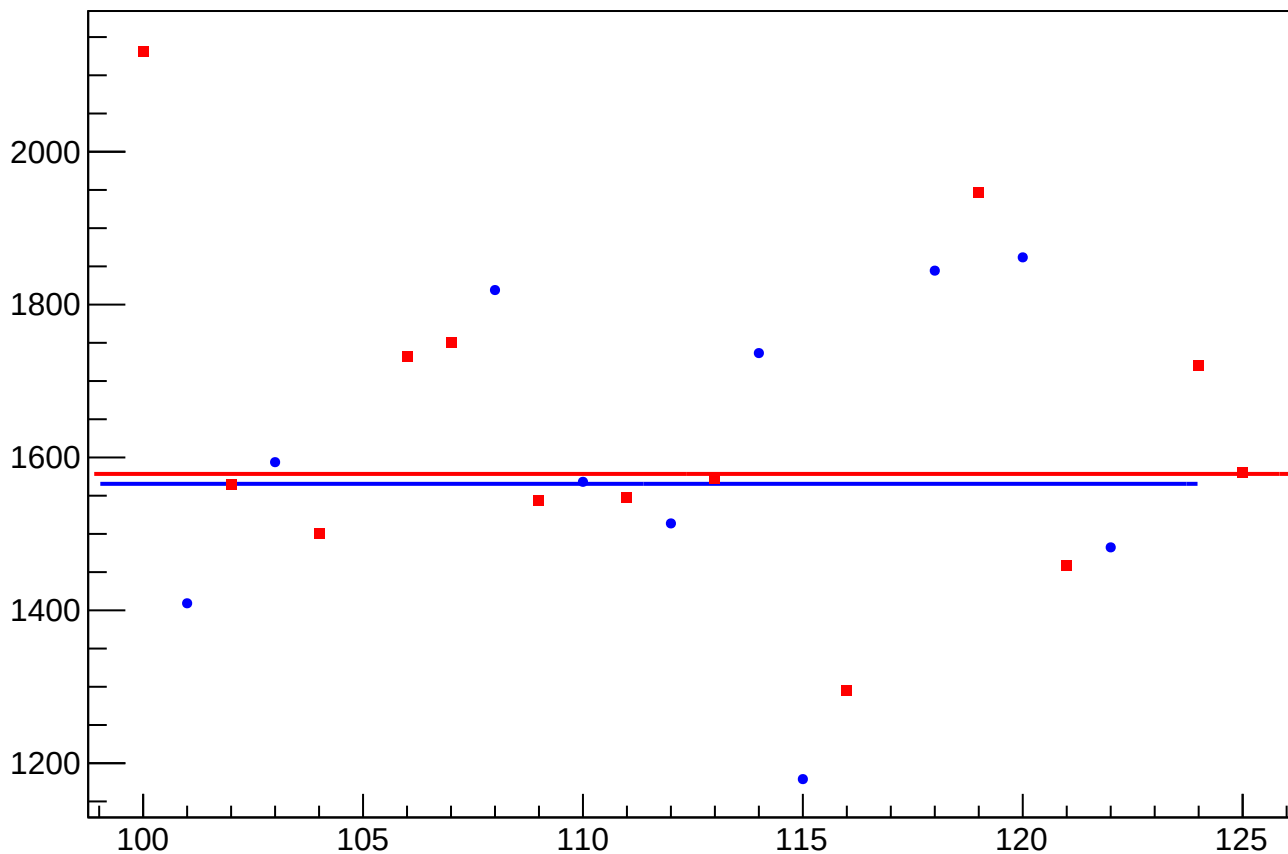
Right: -642.491+/-524.300 χ^2/NDF : 22.3/22

In: 410.174+/-780.171 χ^2/NDF : 9.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -642.491+/-524.300 χ^2/NDF : 22.3/22

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1565.511+/-0.552 χ^2/NDF : 110412.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1578.484+/-0.501 χ^2/NDF : 97744.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

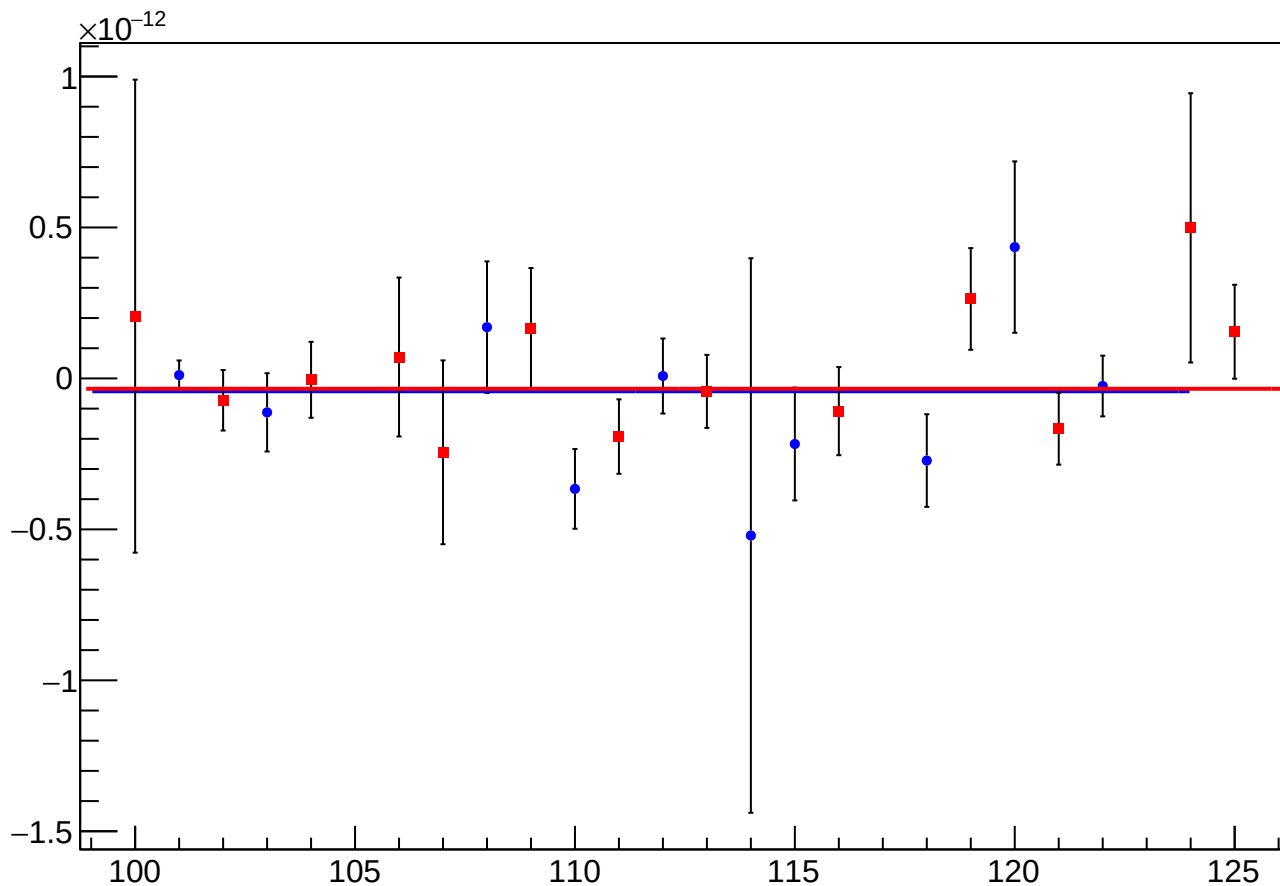
Right: 1572.625+/-0.371 χ^2/NDF : 208460.2/22

In: 1565.511+/-0.552 χ^2/NDF : 110412.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1572.625+/-0.371 χ^2/NDF : 208460.2/22

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 : 11.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

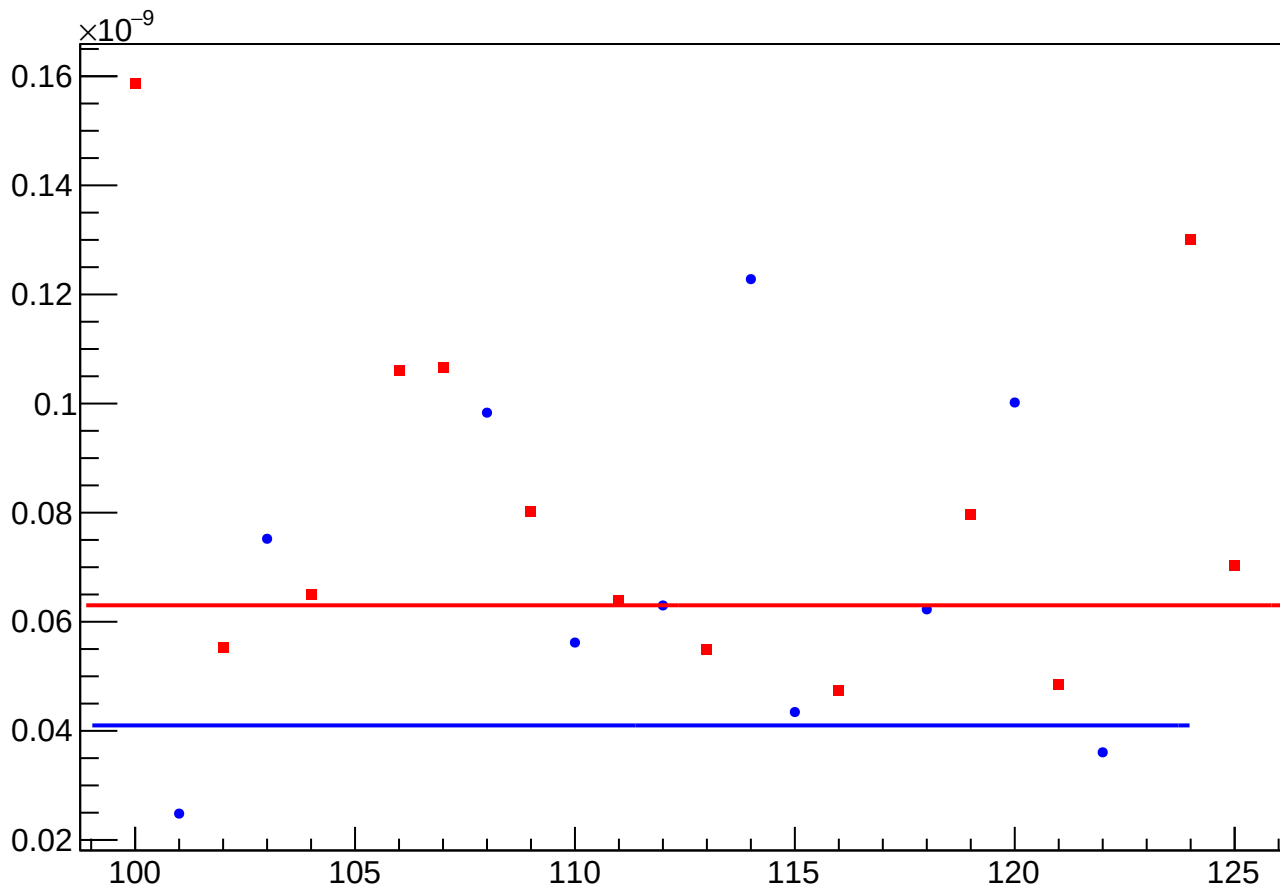
Right: -0.000+/-0.000 χ^2/NDF : 26.0/22

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 : 26.0/22

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 : 281755.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

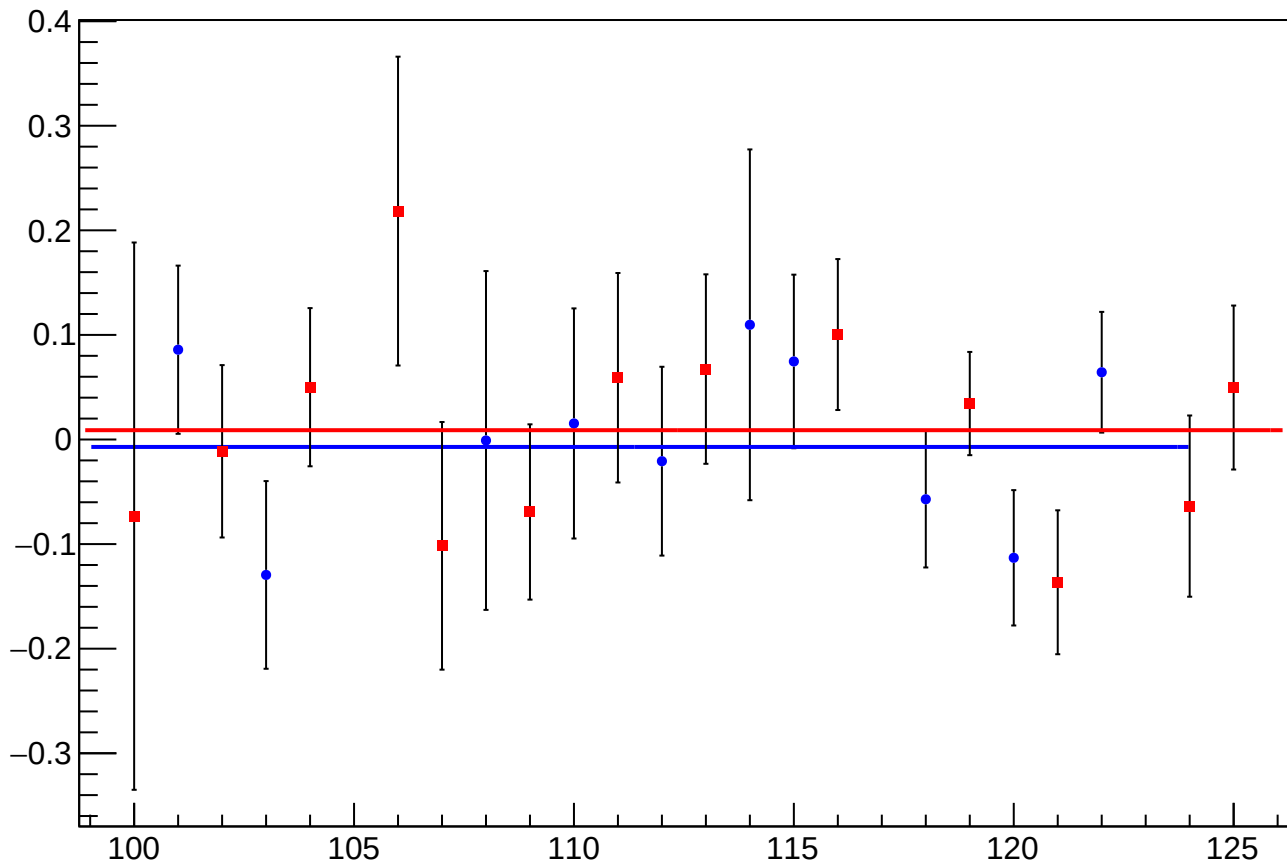
Right: 0.000+/-0.000 χ^2/NDF : 1333863.8/22

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 : 1333863.8/22

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: 0.009+/-0.023 χ^2/NDF : 12.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

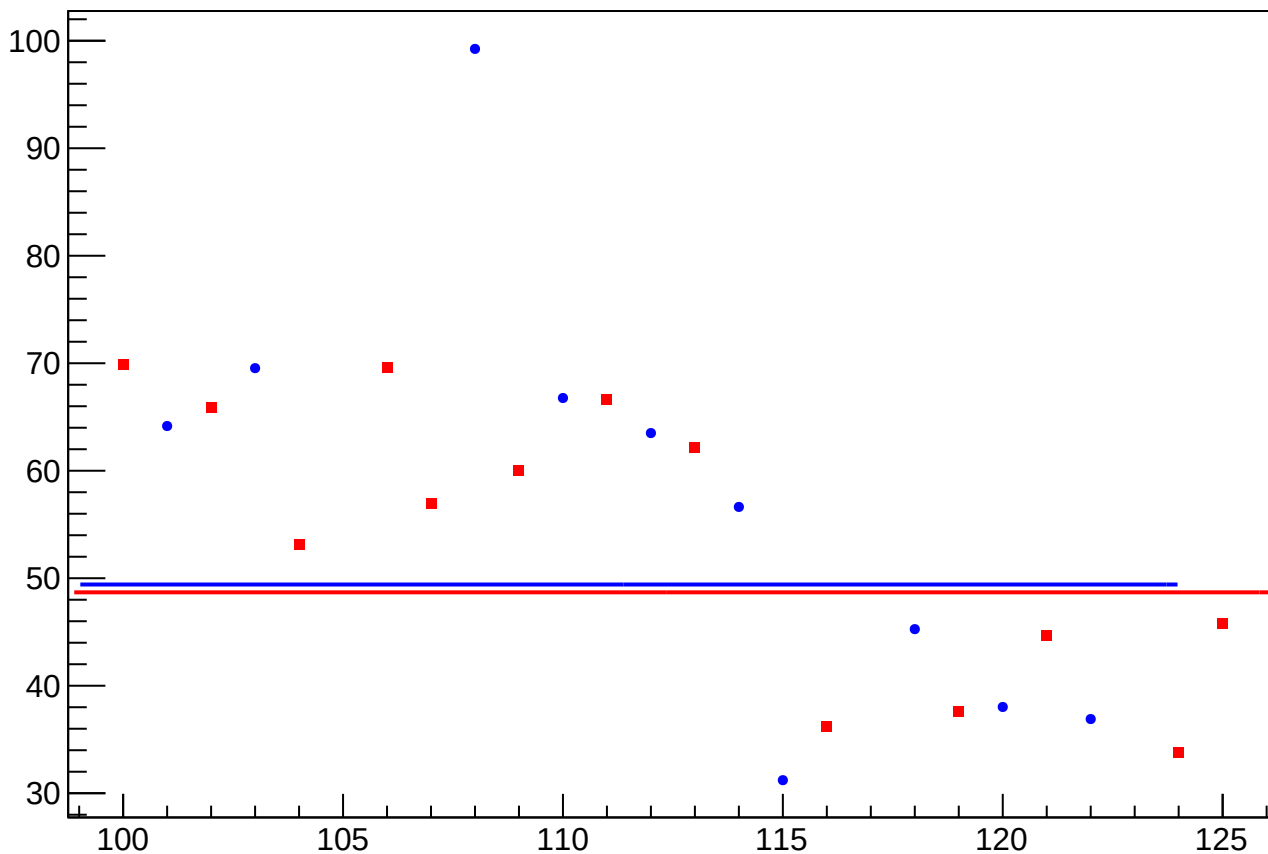
Right: 0.002+/-0.017 χ^2/NDF : 21.9/22

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+/-0.017 χ^2/NDF : 21.9/22

asym_sam_24_68_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.417 $\pm$ 0.018 χ^2 /NDF: 719664.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 48.688 $\pm$ 0.016 χ^2 /NDF: 531371.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

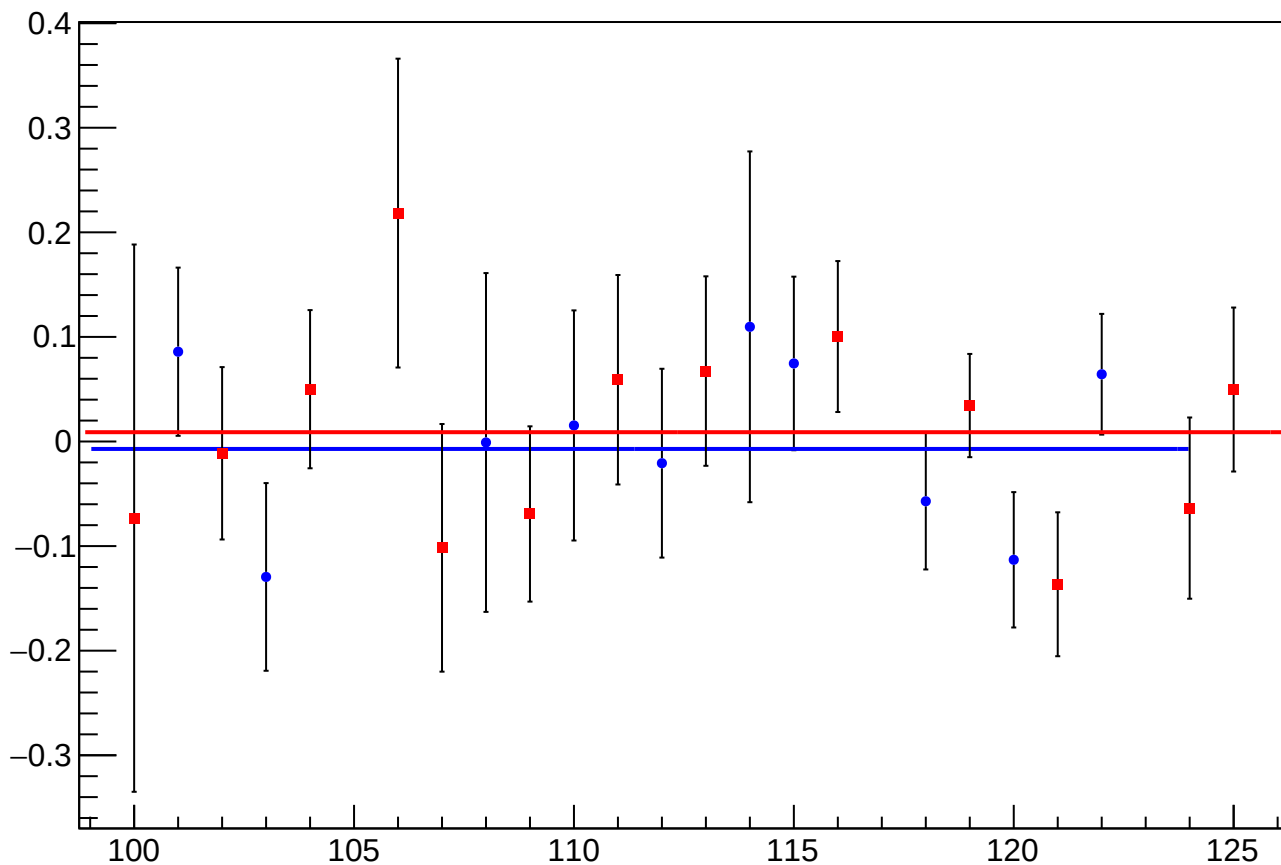
Right: 49.004 $\pm$ 0.012 χ^2 /NDF: 1251923.6/22

In: 49.417 $\pm$ 0.018 χ^2 /NDF:719664.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 49.004 $\pm$ 0.012 χ^2 /NDF: 1251923.6/22

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: 0.009 $\pm$ 0.023 χ^2 /NDF: 12.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

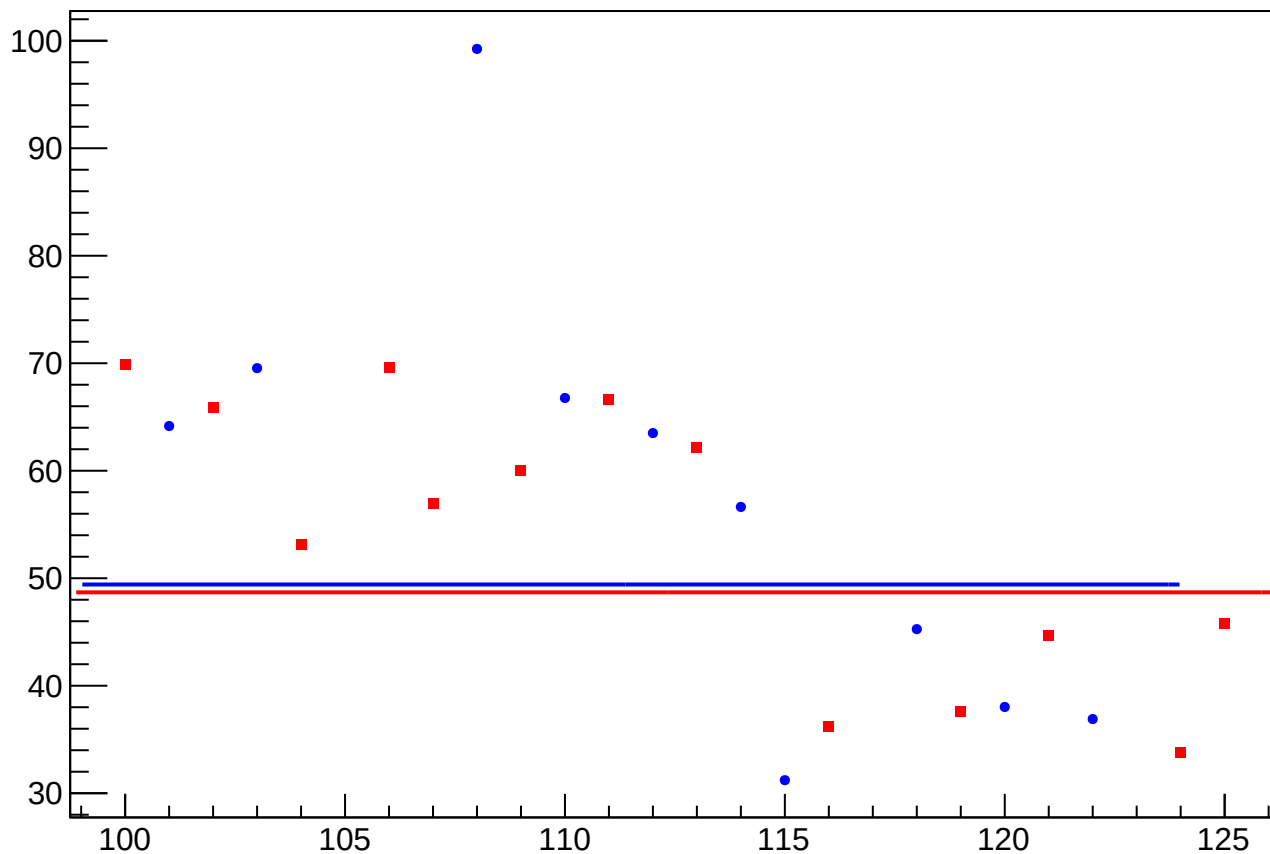
Right: 0.002 $\pm$ 0.017 χ^2 /NDF: 21.9/22

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 $\pm$ 0.017 χ^2 /NDF: 21.9/22

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.417+/-0.018 χ^2/NDF : 719664.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.688+/-0.016 χ^2/NDF : 531371.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

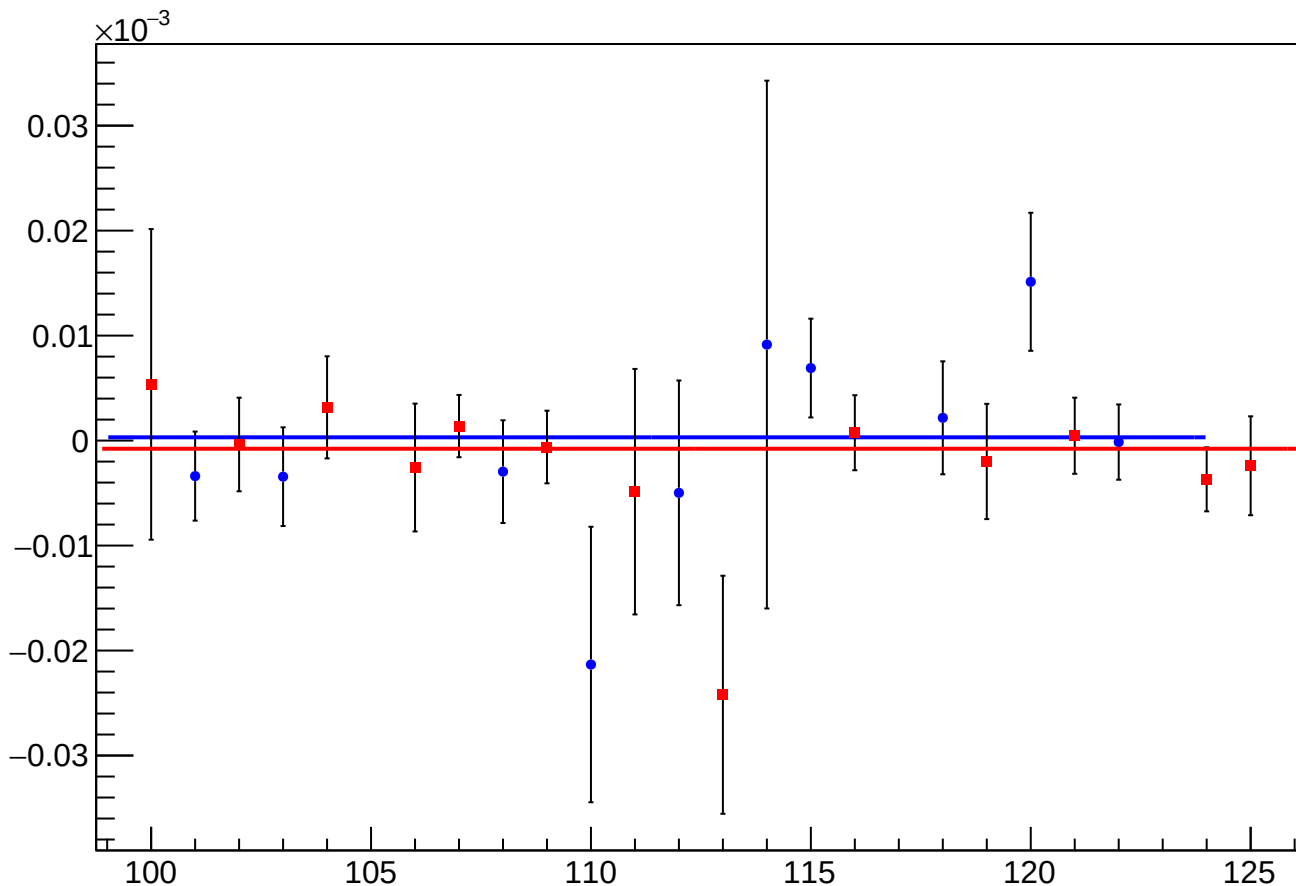
Right: 49.004+/-0.012 χ^2/NDF : 1251923.6/22

In: 49.417+/-0.018 χ^2/NDF : 719664.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.004+/-0.012 χ^2/NDF : 1251923.6/22

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 : 7.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

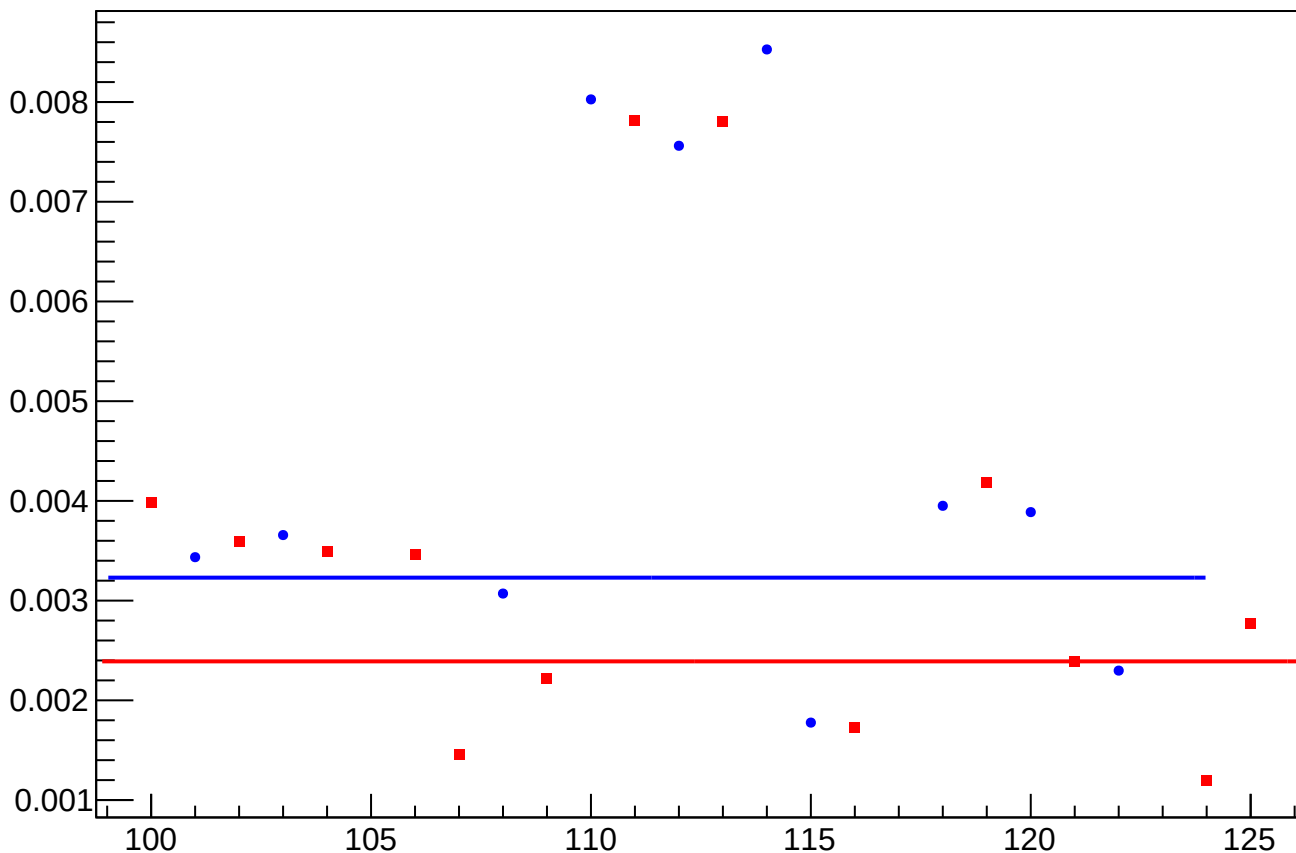
Right: -0.000+/-0.000 χ^2/NDF : 19.6/22

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 : 19.6/22

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1088888.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2024604.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

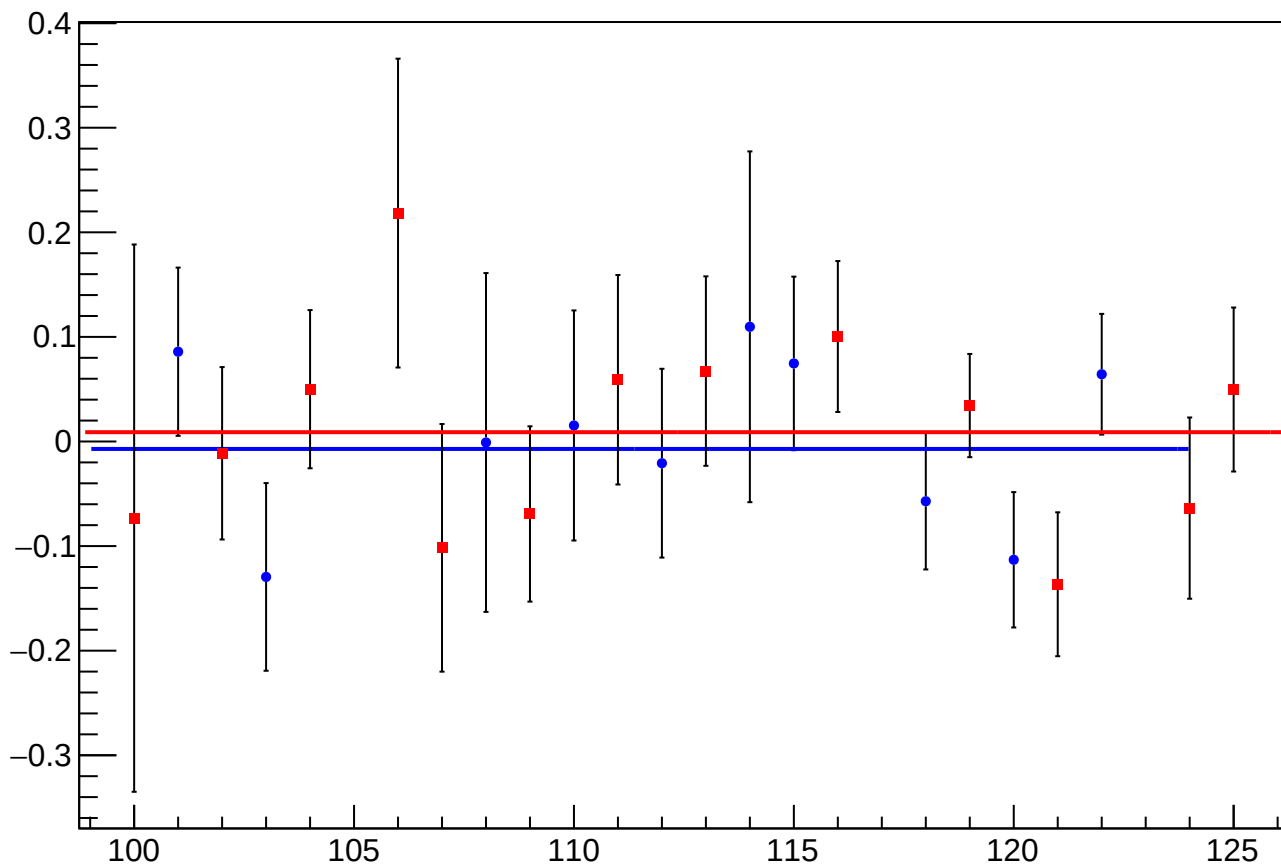
Right: 0.003+/-0.000 χ^2/NDF : 3432140.8/22

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 : 3432140.8/22

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: 0.009+/-0.023 χ^2/NDF : 12.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

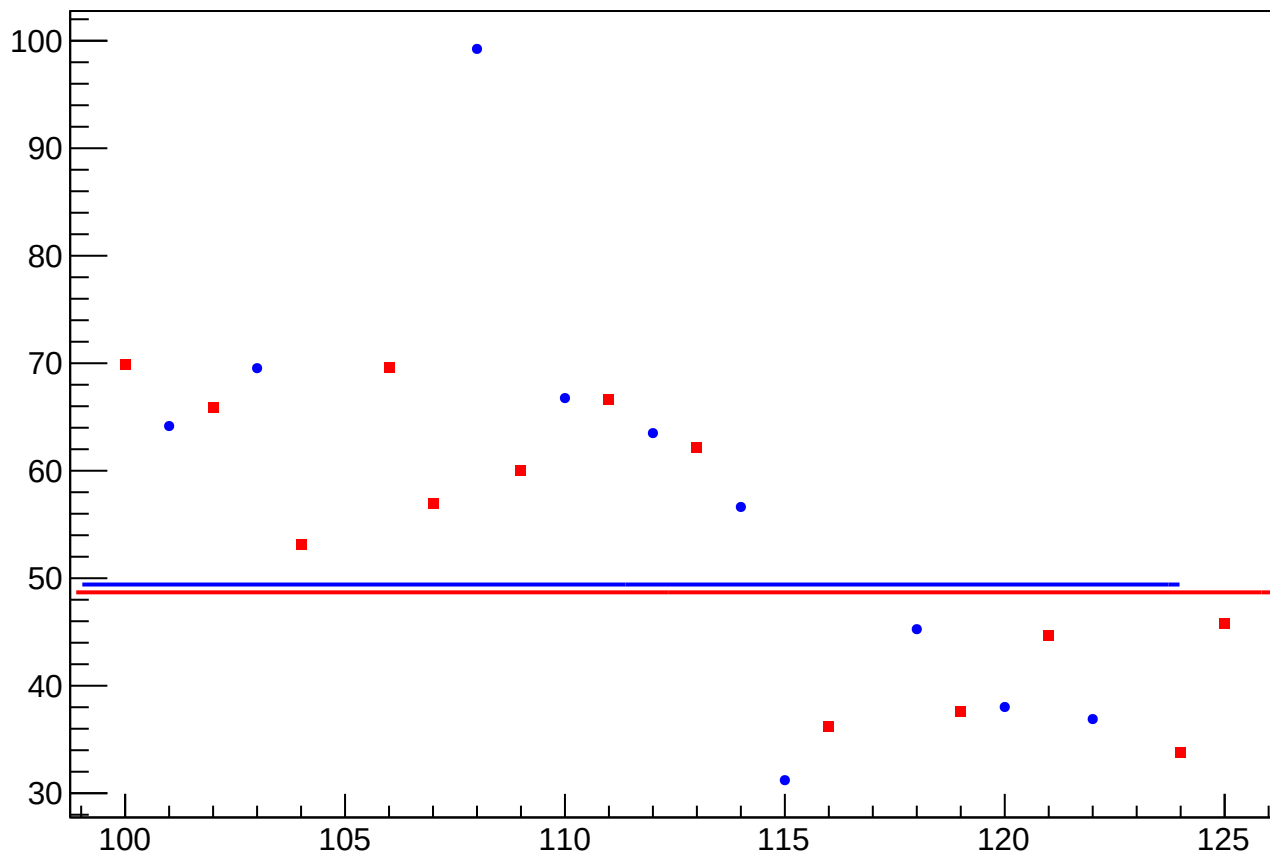
Right: 0.002+/-0.017 χ^2/NDF : 21.9/22

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+/-0.017 χ^2/NDF : 21.9/22

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.415+/-0.018 χ^2/NDF : 719660.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.687+/-0.016 χ^2/NDF : 531365.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

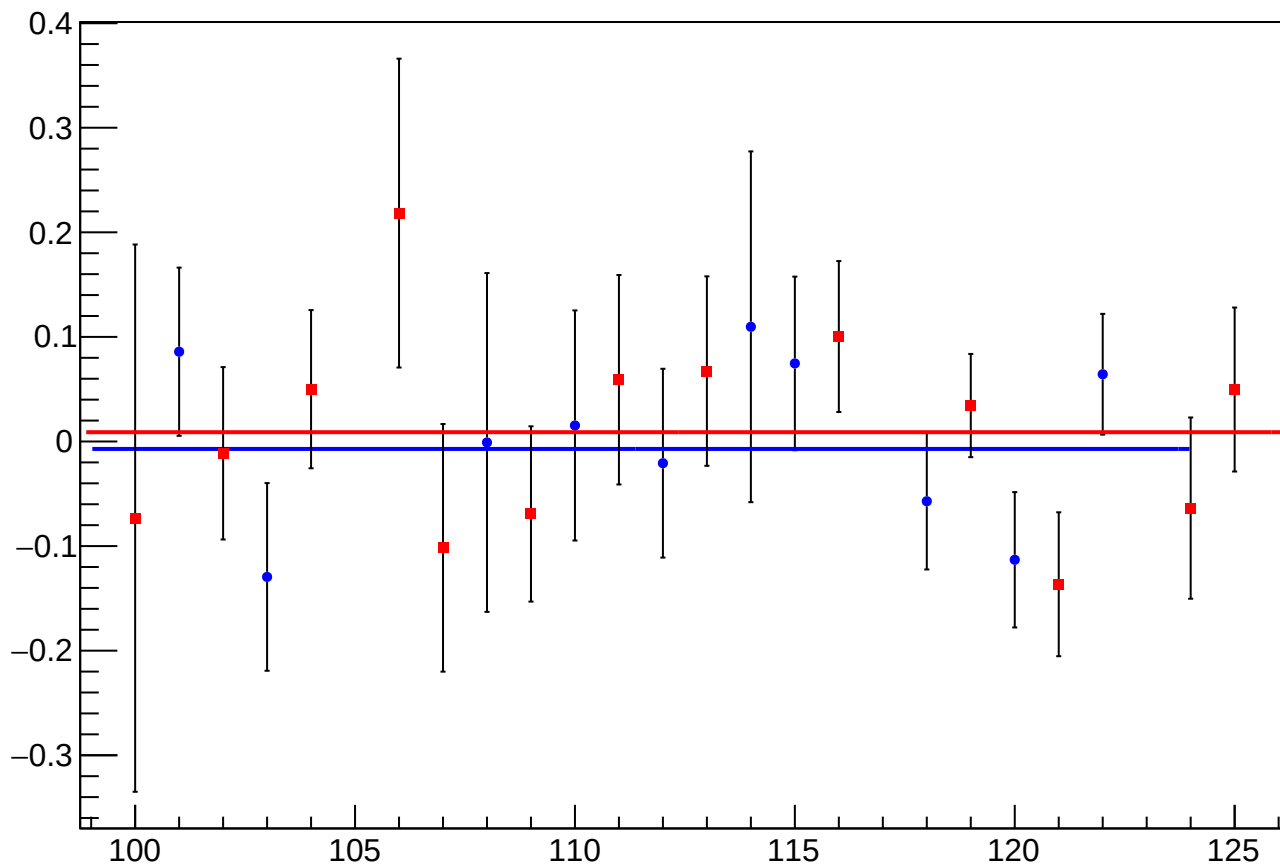
Right: 49.003+/-0.012 χ^2/NDF : 1251913.6/22

In: 49.415+/-0.018 χ^2/NDF : 719660.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.003+/-0.012 χ^2/NDF : 1251913.6/22

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: 0.009 $\pm$ 0.023 χ^2 /NDF: 12.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

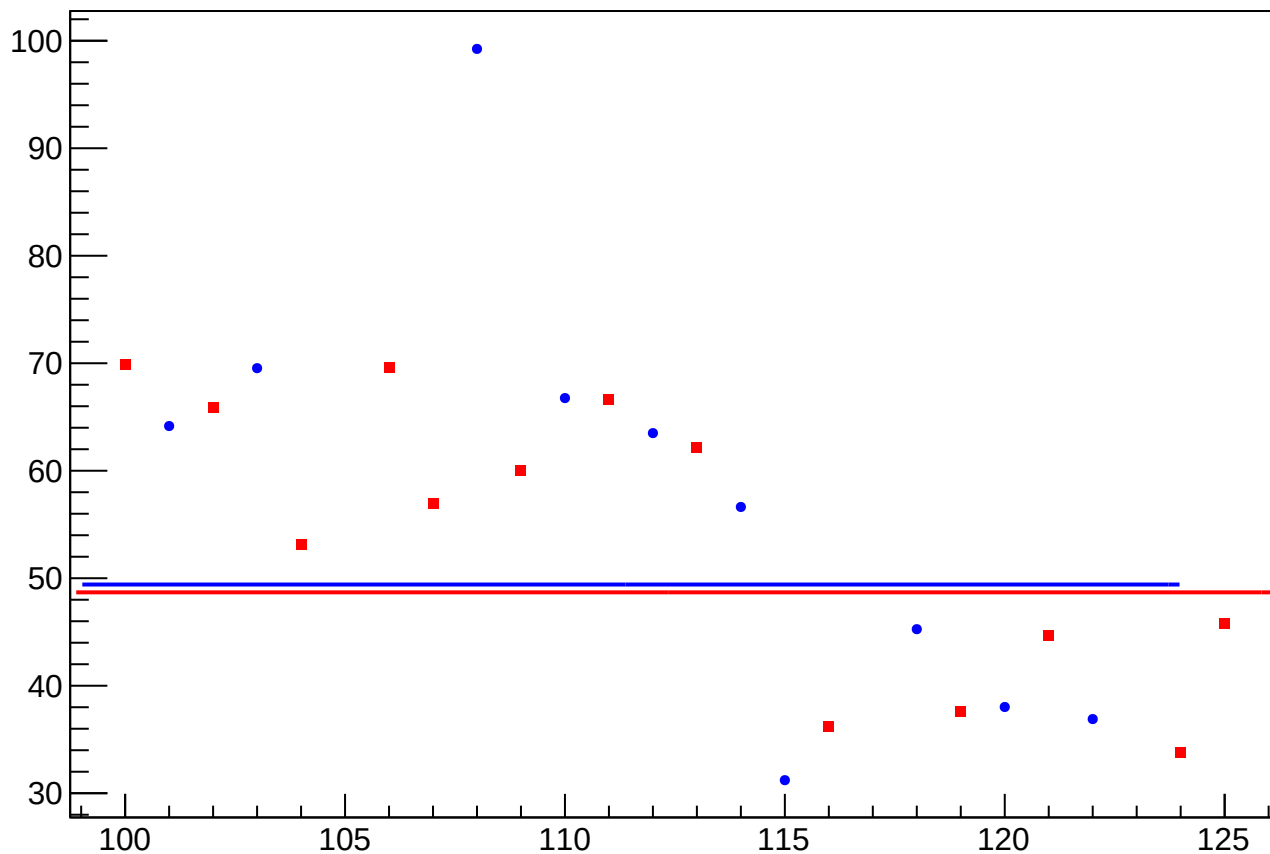
Right: 0.002 $\pm$ 0.017 χ^2 /NDF: 21.9/22

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 $\pm$ 0.017 χ^2 /NDF: 21.9/22

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.415+/-0.018 χ^2/NDF : 719660.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.687+/-0.016 χ^2/NDF : 531365.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

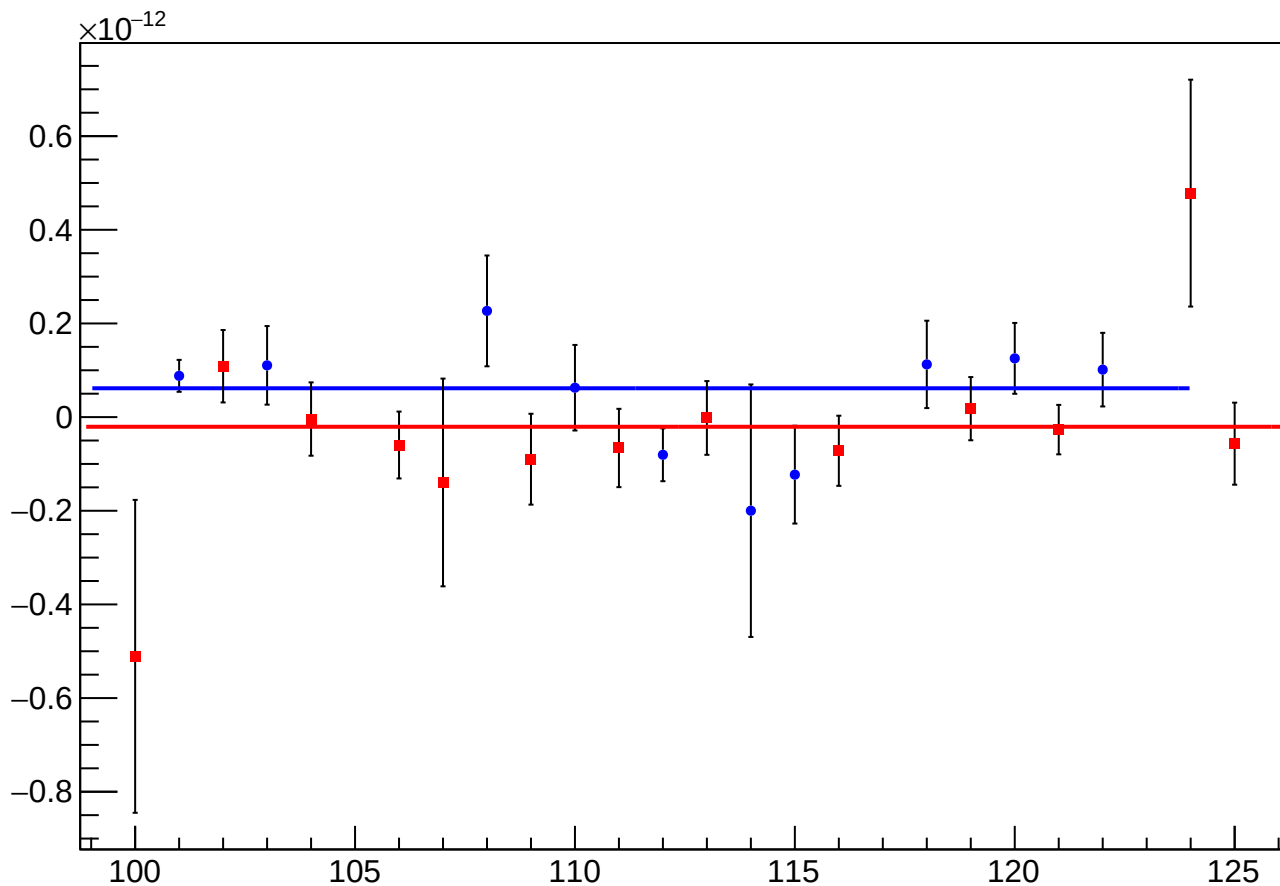
Right: 49.003+/-0.012 χ^2/NDF : 1251913.6/22

In: 49.415+/-0.018 χ^2/NDF : 719660.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.003+/-0.012 χ^2/NDF : 1251913.6/22

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

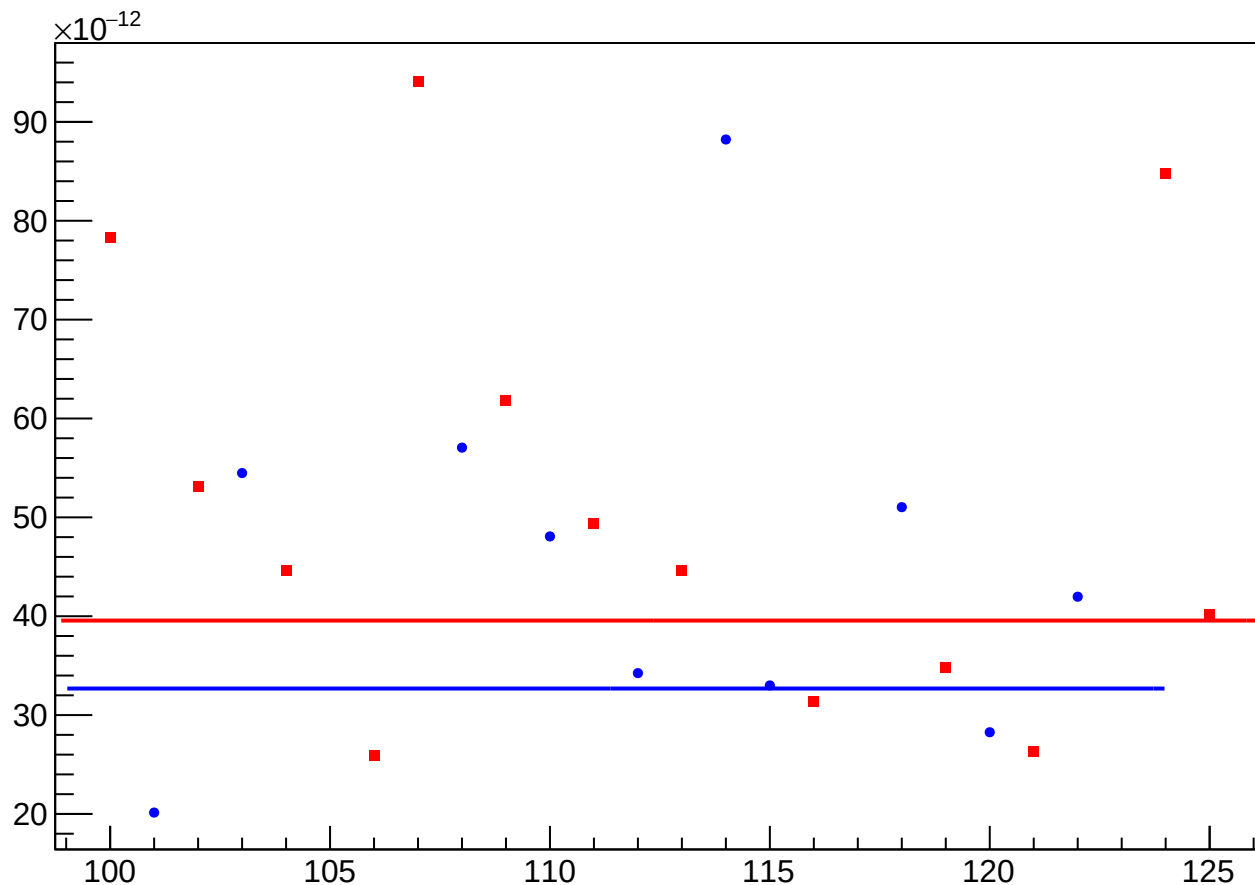
Right: 0.000+/-0.000 χ^2/NDF : 32.9/22

In: 0.000+/-0.000 χ^2/NDF : 14.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 32.9/22

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 : 662269.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

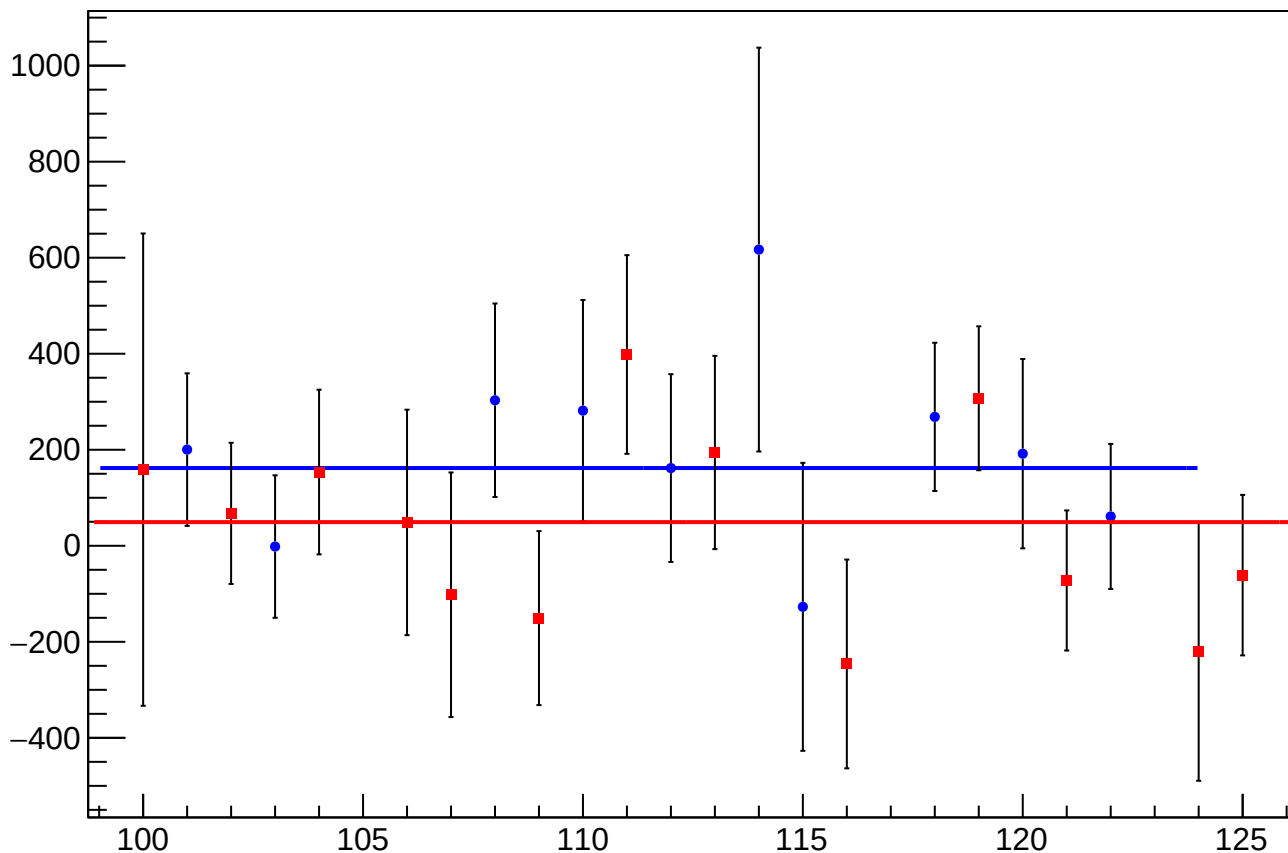
Right: 0.000+/-0.000 χ^2/NDF : 1501131.4/22

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 : 1501131.4/22

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: 49.279 $\pm$ 52.798 χ^2 /NDF: 12.3/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

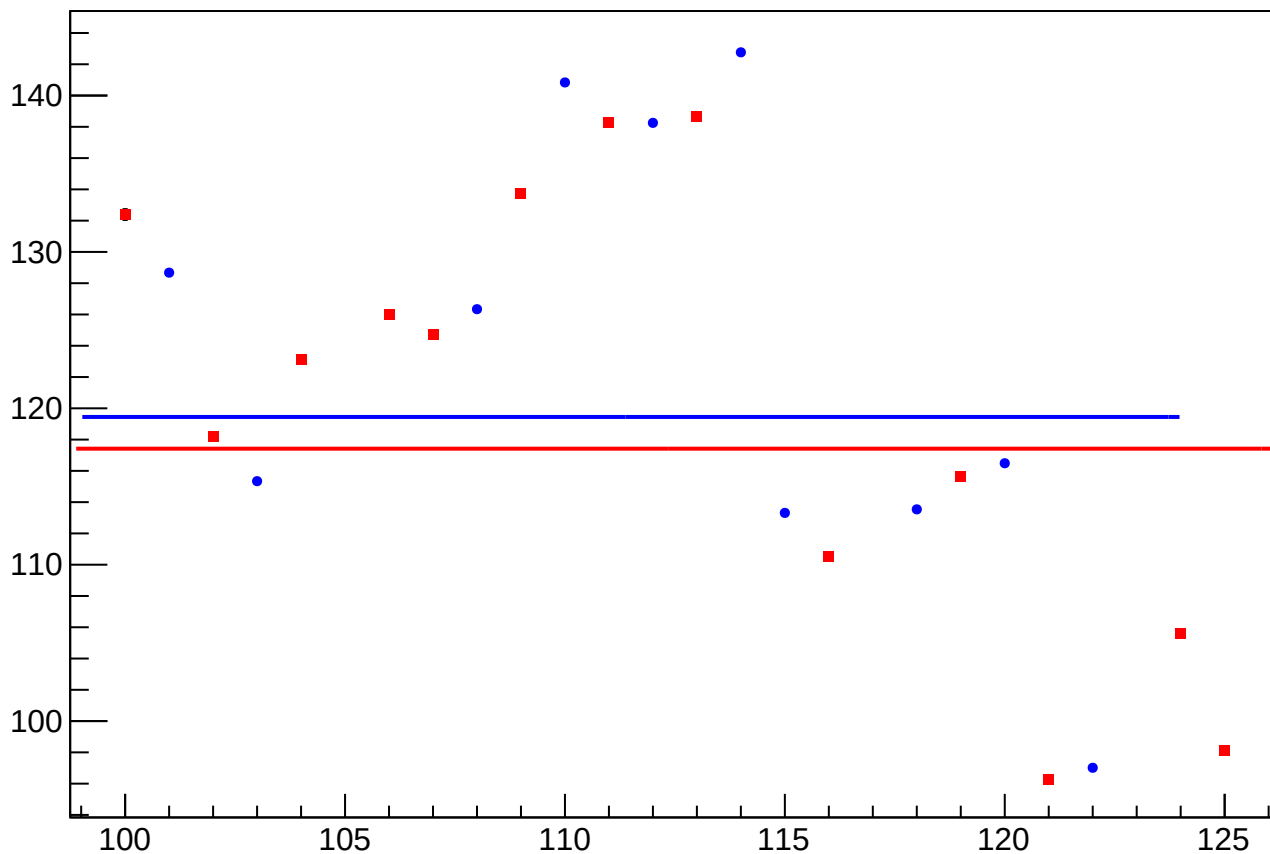
Right: 98.948 $\pm$ 39.477 χ^2 /NDF: 19.4/22

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: 98.948 $\pm$ 39.477 χ^2 /NDF: 19.4/22

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: 117.419 $\pm$ 0.037 χ^2 /NDF: 142004.3/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

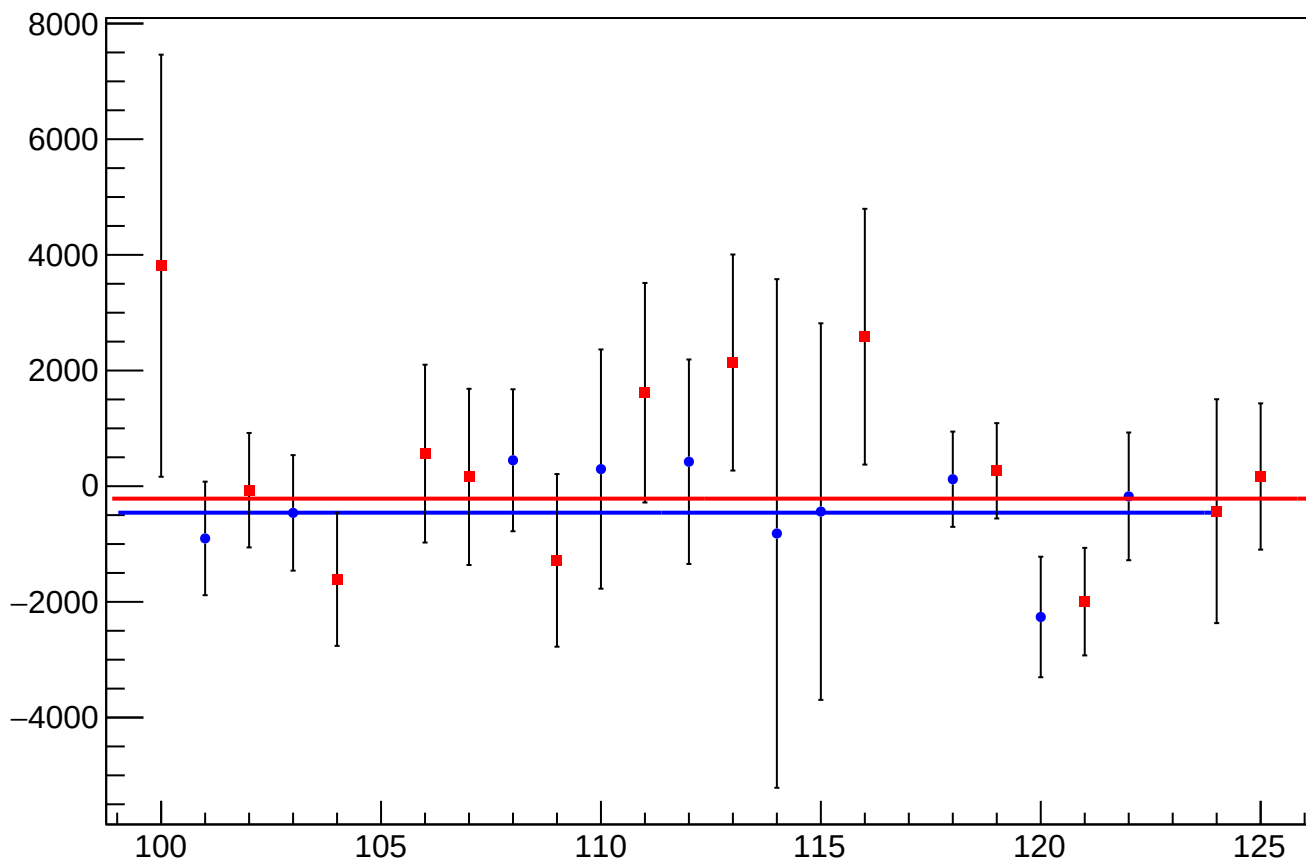
Right: 118.314 $\pm$ 0.028 χ^2 /NDF: 244142.9/22

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: 118.314 $\pm$ 0.028 χ^2 /NDF: 244142.9/22

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: -214.970+/-366.580 χ^2/NDF : 11.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

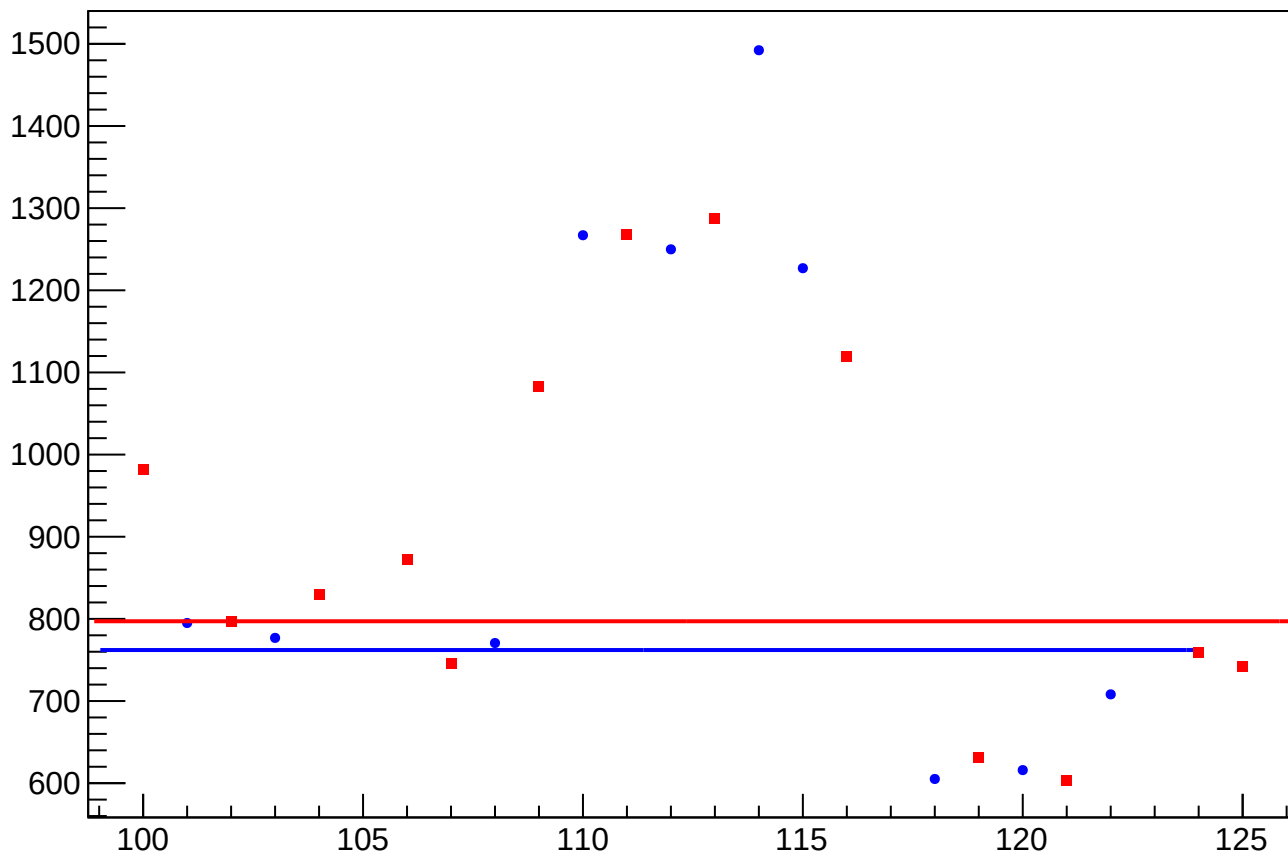
Right: -329.314+/-266.681 χ^2/NDF : 16.7/22

In: -457.858+/-388.676 χ^2/NDF : 4.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -329.314+/-266.681 χ^2/NDF : 16.7/22

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: 797.112+/-0.259 χ^2/NDF : 562951.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

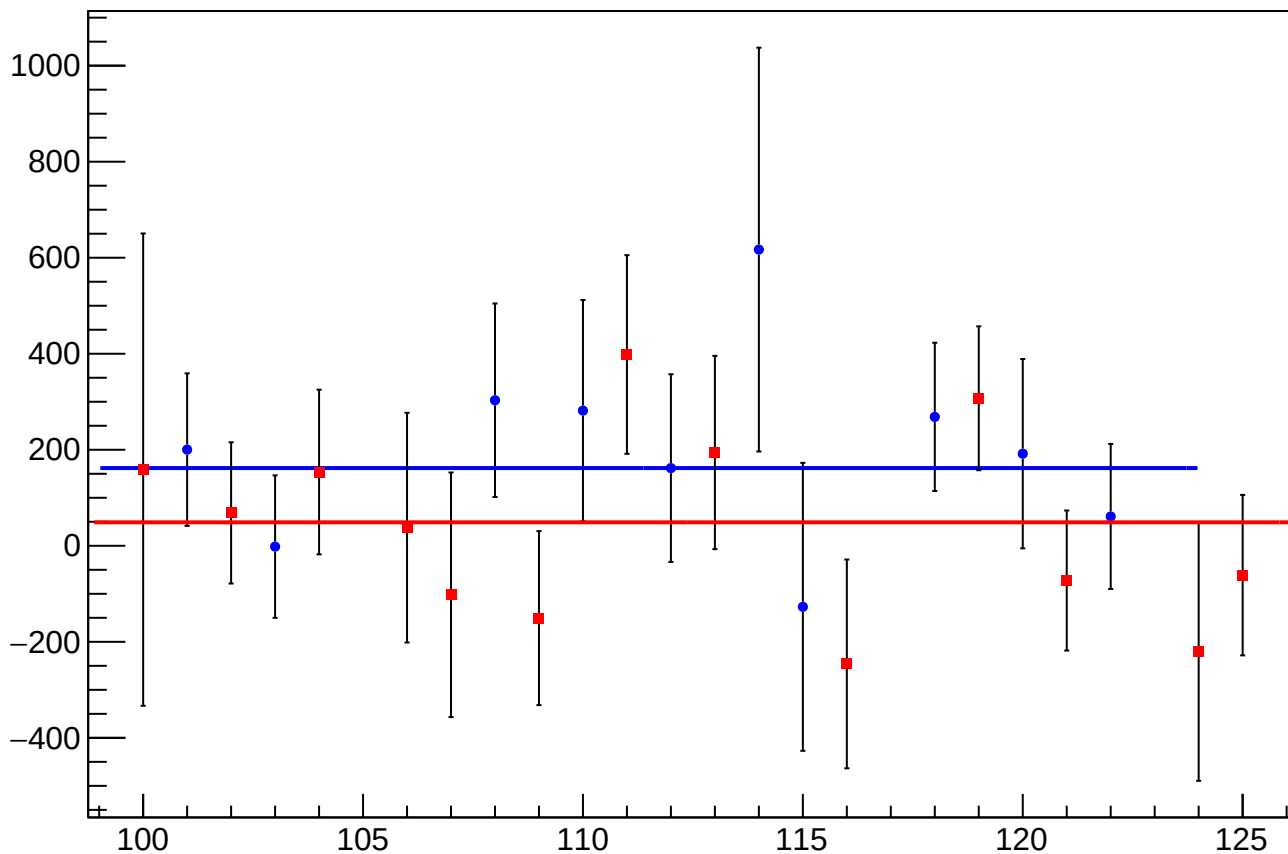
Right: 780.619+/-0.189 χ^2/NDF : 1058497.1/22

In: 762.077+/-0.275 χ^2/NDF : 486946.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 780.619+/-0.189 χ^2/NDF : 1058497.1/22

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: 48.894+/-52.849 χ^2/NDF : 12.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

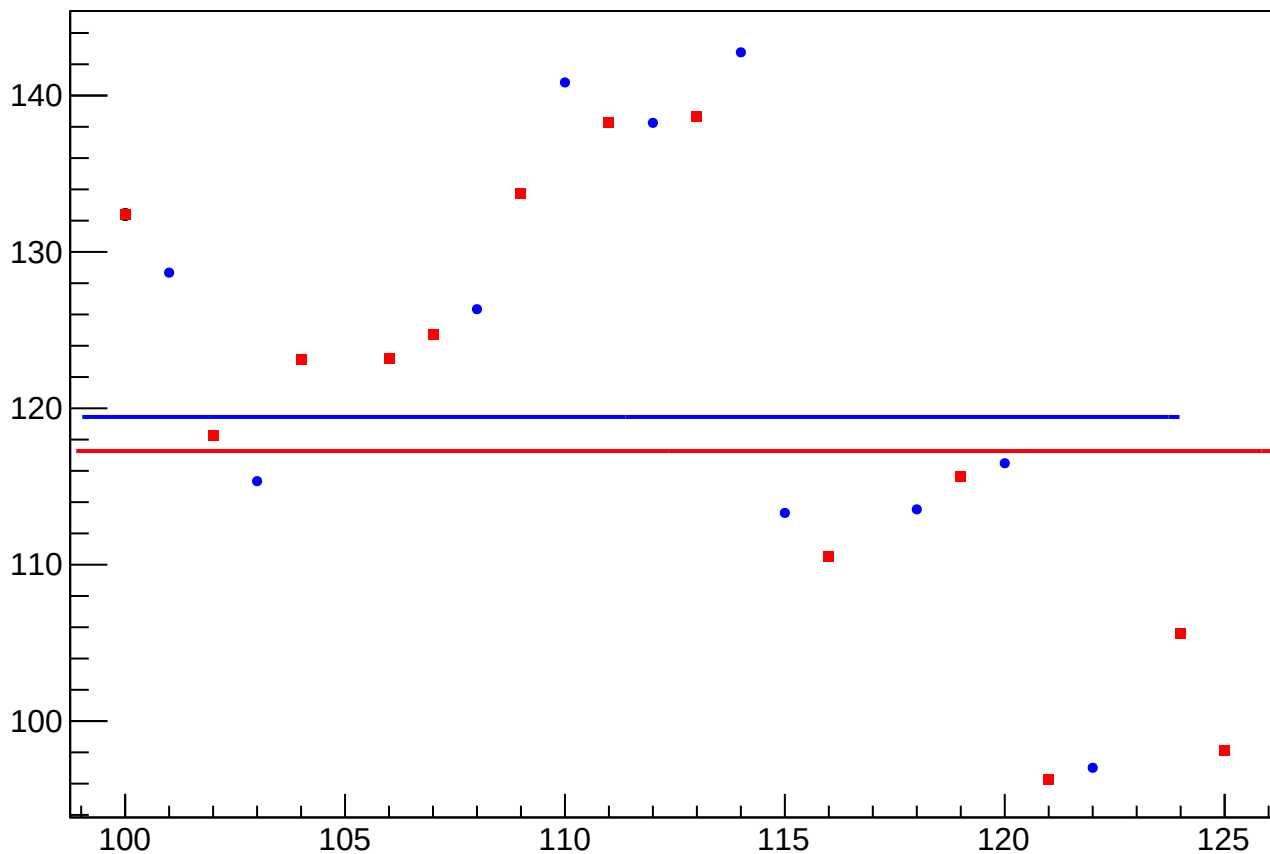
Right: 98.782+/-39.498 χ^2/NDF : 19.4/22

In: 161.909+/-59.450 χ^2/NDF : 5.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.782+/-39.498 χ^2/NDF : 19.4/22

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: 117.270 $\pm$ 0.037 χ^2 /NDF: 140470.4/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

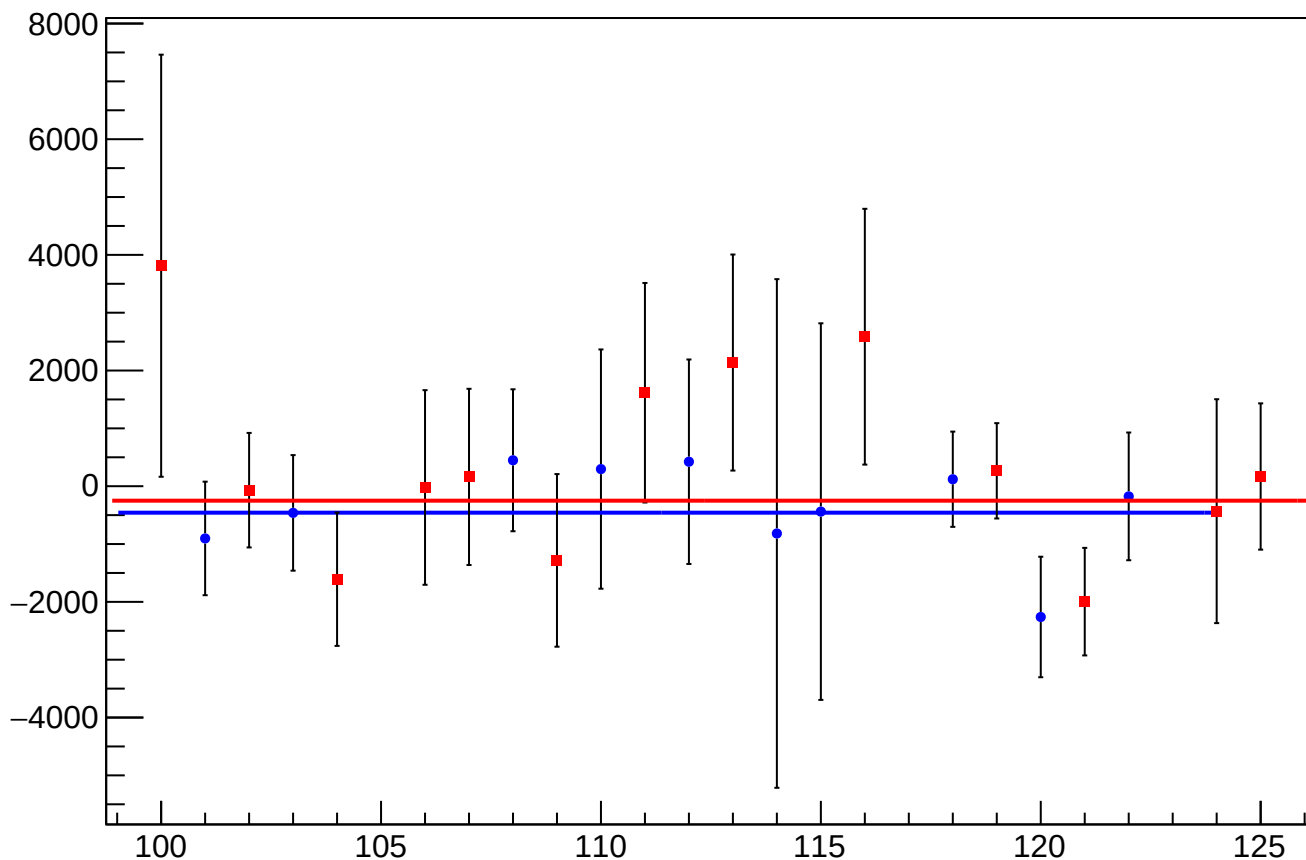
Right: 118.231 $\pm$ 0.028 χ^2 /NDF: 242806.8/22

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: 118.231 $\pm$ 0.028 χ^2 /NDF: 242806.8/22

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: -250.346+/-368.346 χ^2/NDF : 11.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

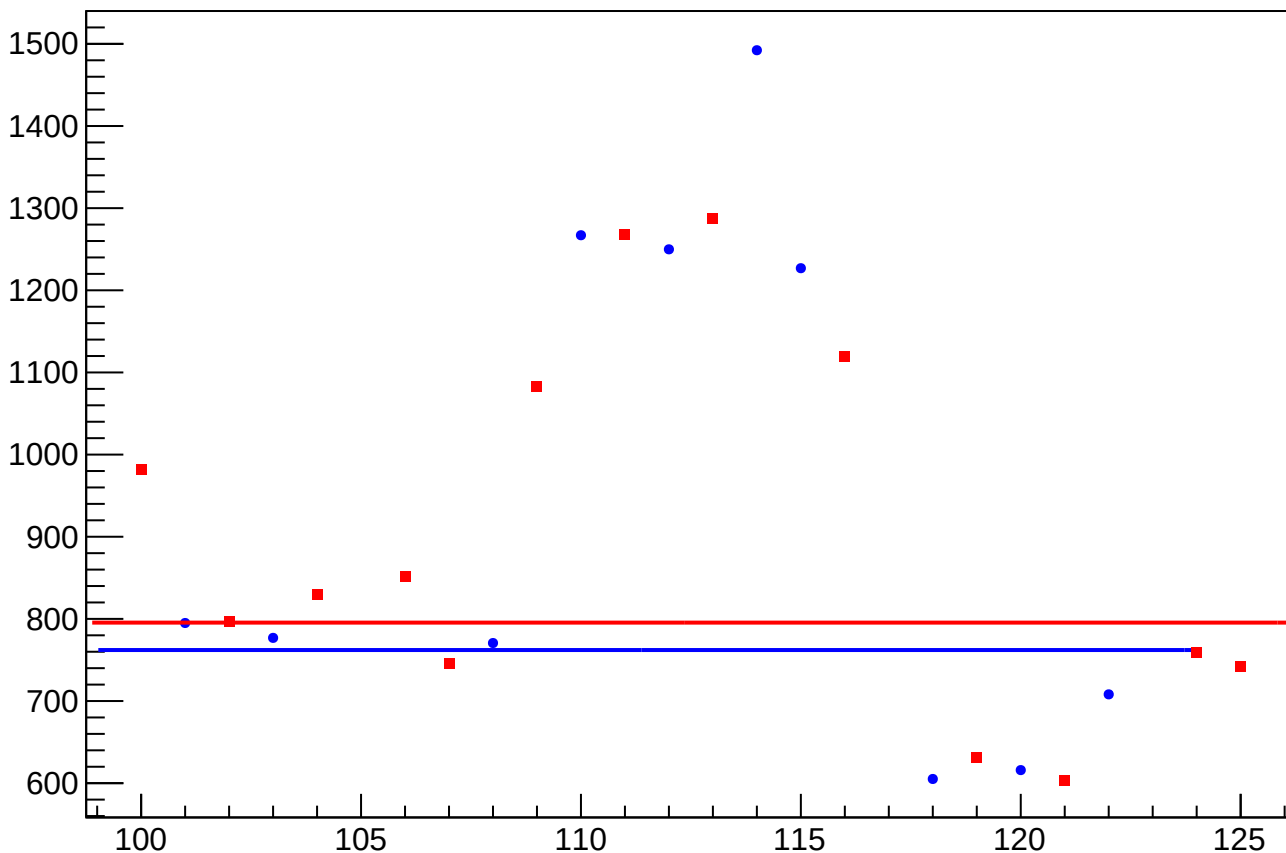
Right: -348.518+/-267.359 χ^2/NDF : 16.4/22

In: -457.826+/-388.677 χ^2/NDF : 4.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -348.518+/-267.359 χ^2/NDF : 16.4/22

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: 795.464+/-0.260 χ^2/NDF : 560189.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

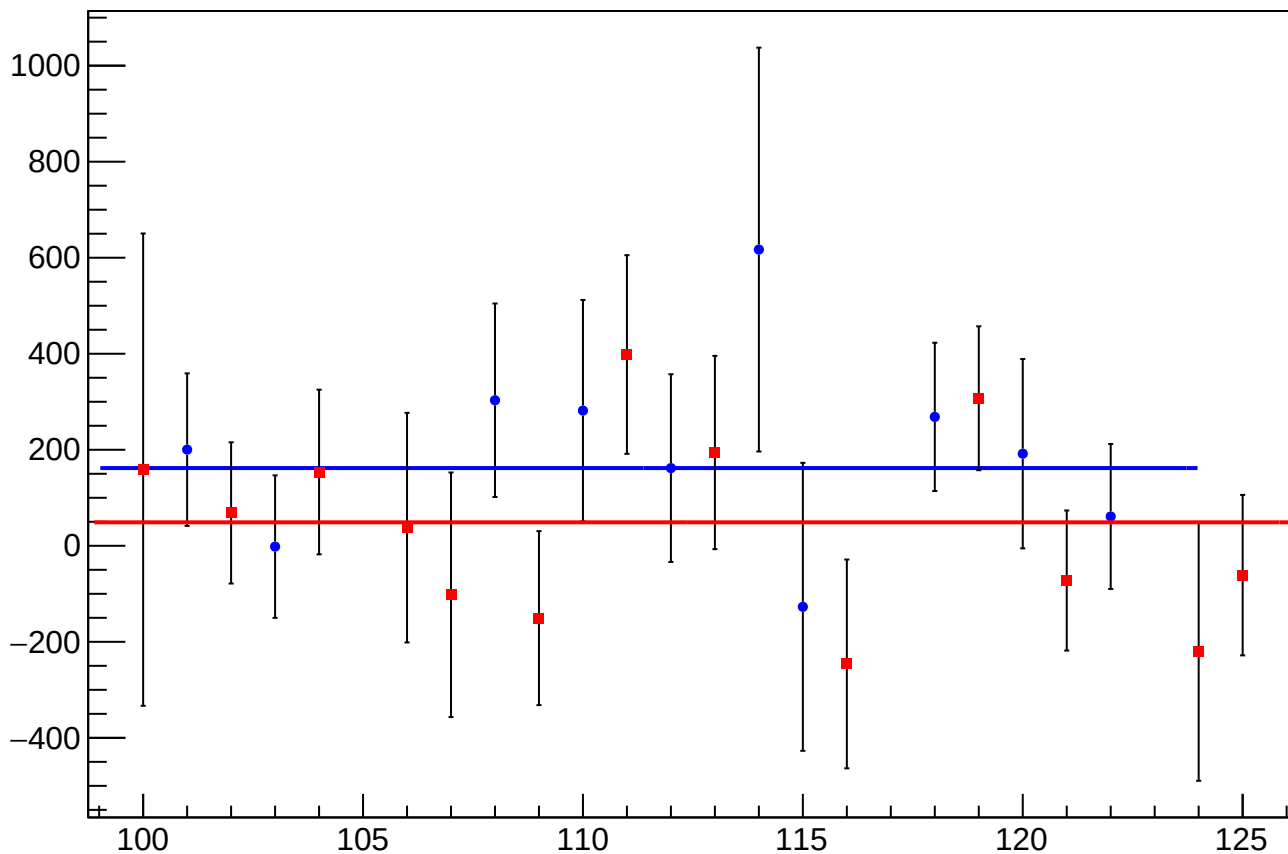
Right: 779.668+/-0.189 χ^2/NDF : 1054916.3/22

In: 762.079+/-0.275 χ^2/NDF : 486953.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 779.668+/-0.189 χ^2/NDF : 1054916.3/22

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: 48.894+/-52.849 χ^2/NDF : 12.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

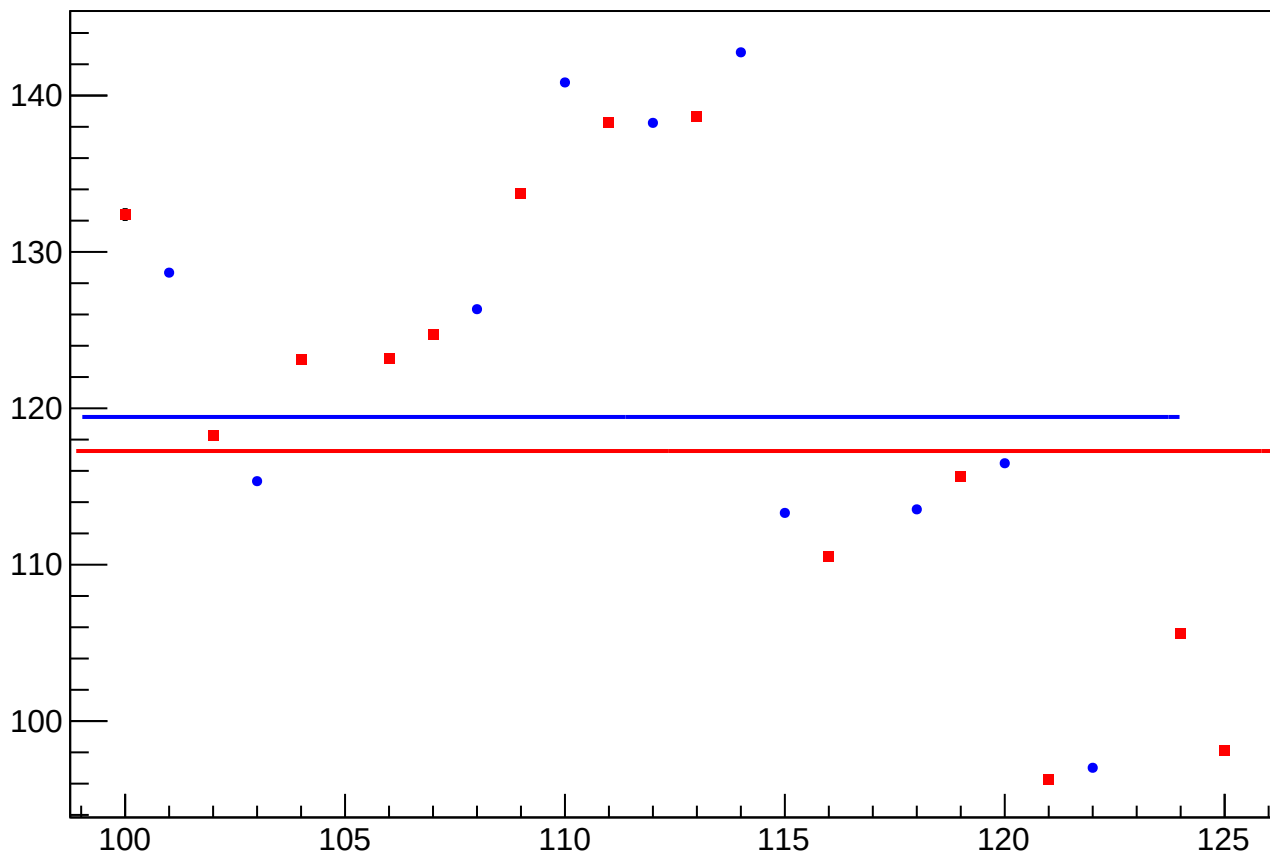
Right: 98.782+/-39.498 χ^2/NDF : 19.4/22

In: 161.909+/-59.450 χ^2/NDF : 5.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.782+/-39.498 χ^2/NDF : 19.4/22

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: 117.270 $\pm$ 0.037 χ^2 /NDF: 140470.4/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

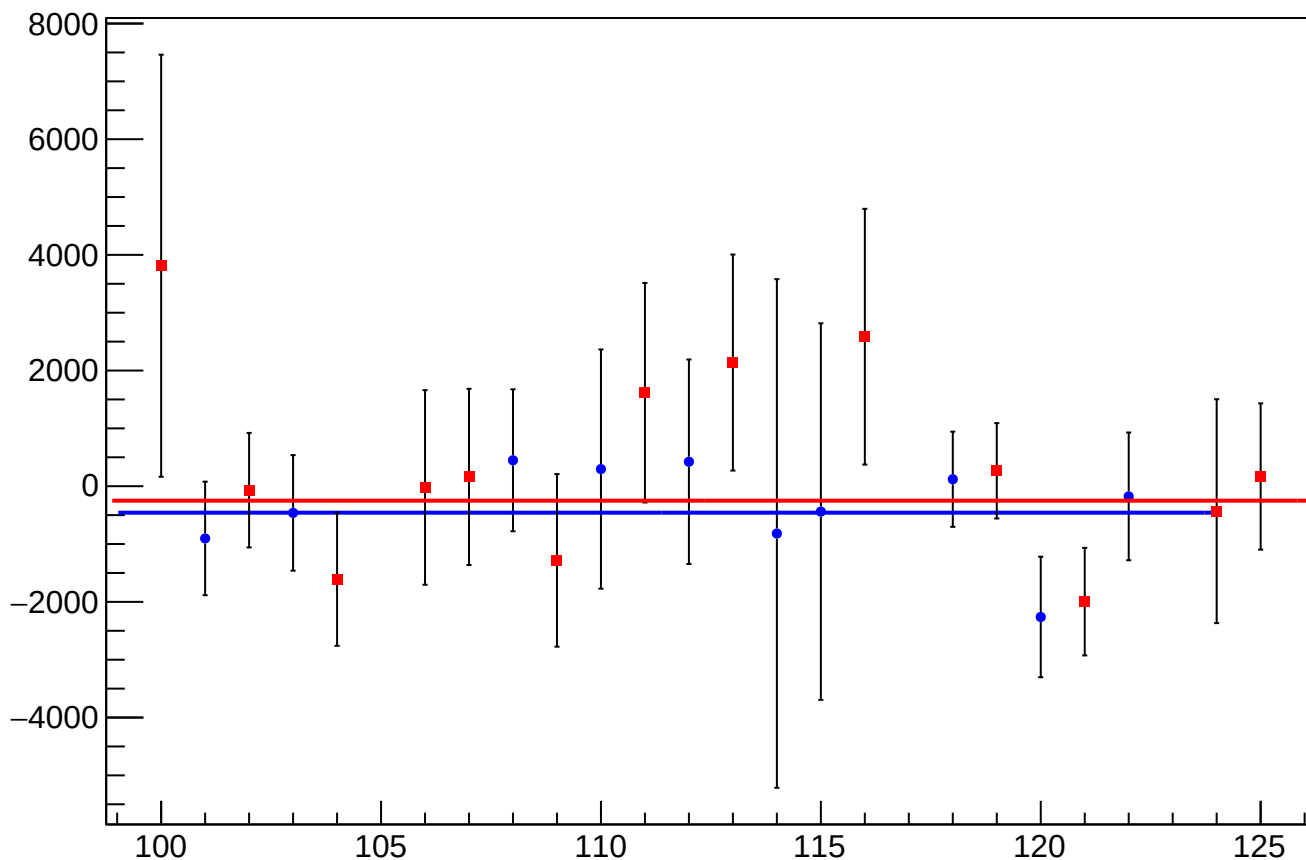
Right: 118.231 $\pm$ 0.028 χ^2 /NDF: 242806.8/22

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: 118.231 $\pm$ 0.028 χ^2 /NDF: 242806.8/22

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: -250.346+/-368.346 χ^2/NDF : 11.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

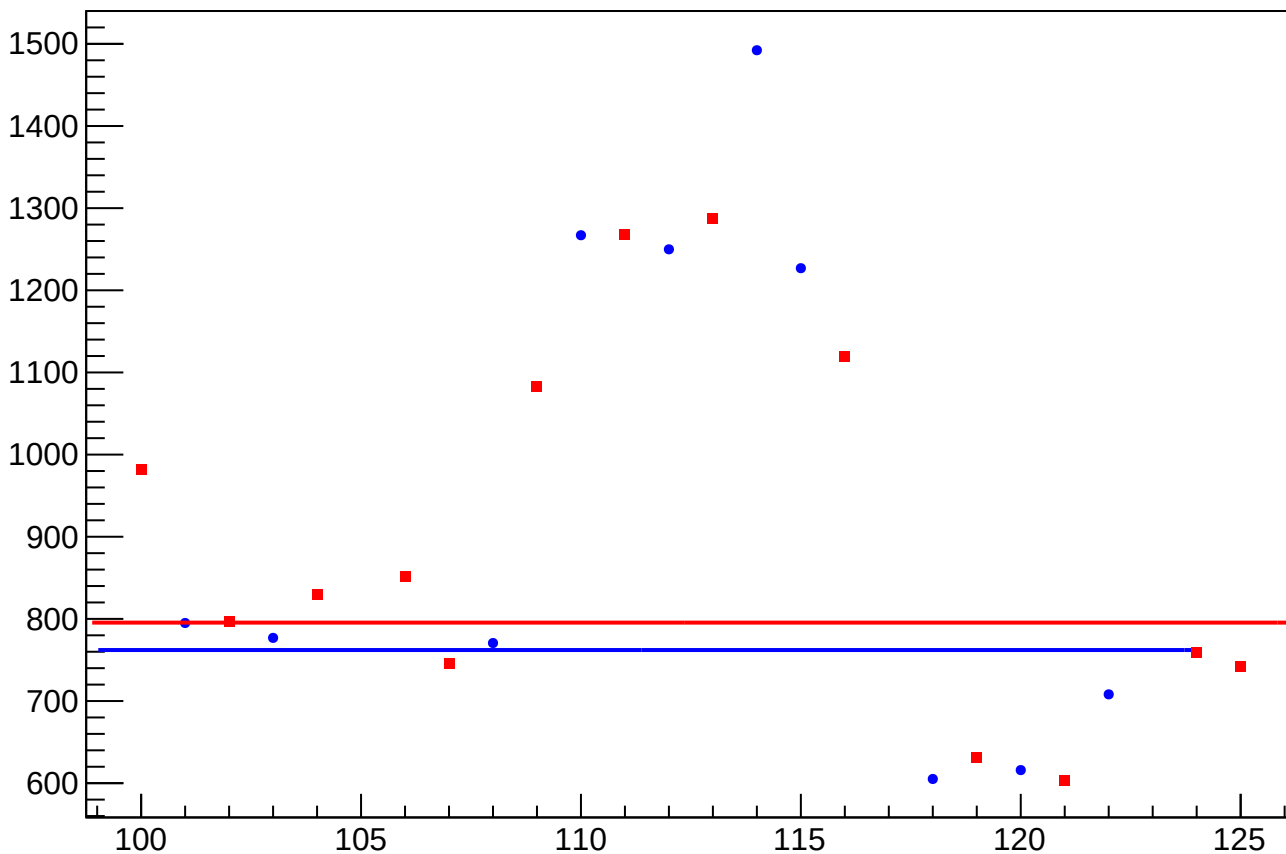
Right: -348.518+/-267.359 χ^2/NDF : 16.4/22

In: -457.826+/-388.677 χ^2/NDF : 4.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -348.518+/-267.359 χ^2/NDF : 16.4/22

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: 795.464+/-0.260 χ^2/NDF : 560189.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

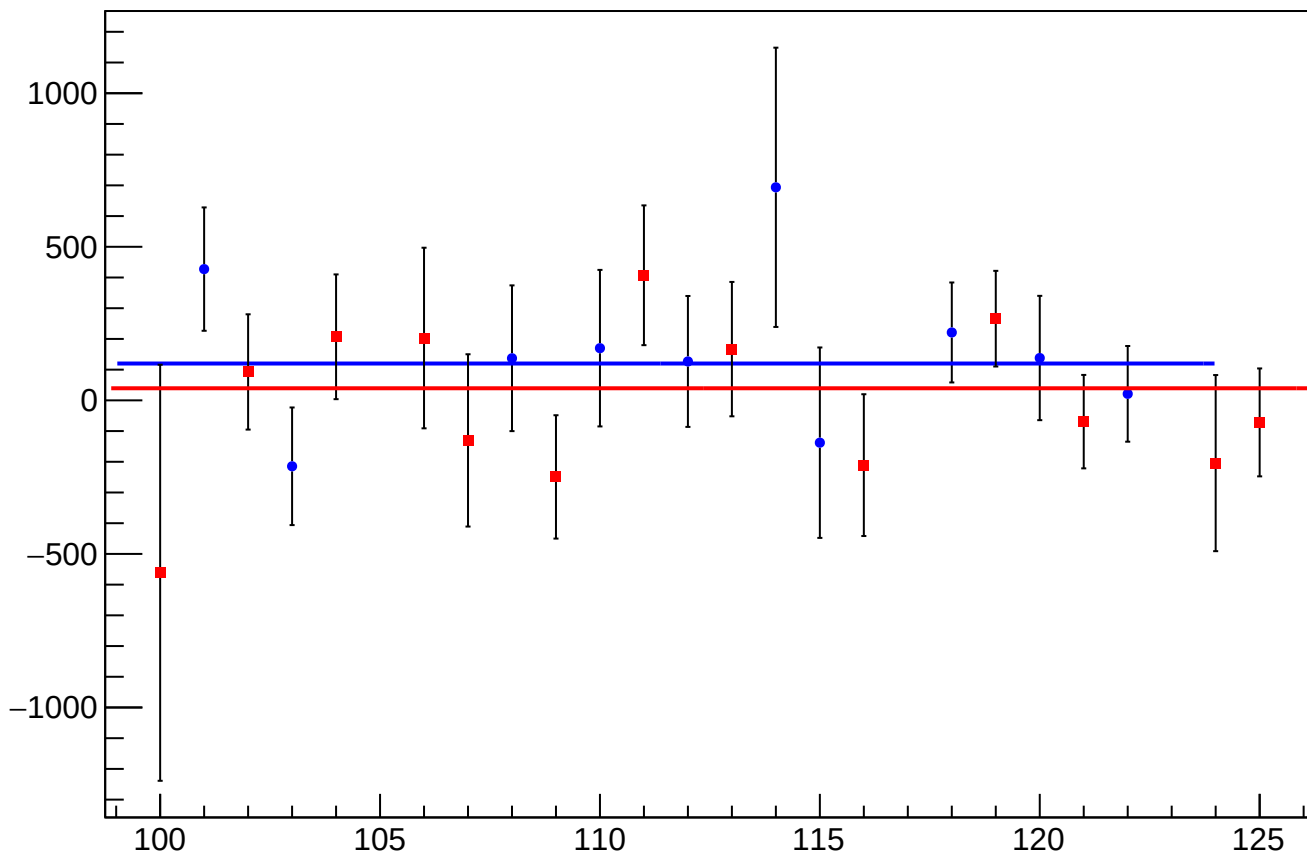
Right: 779.668+/-0.189 χ^2/NDF : 1054916.3/22

In: 762.079+/-0.275 χ^2/NDF : 486953.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 779.668+/-0.189 χ^2/NDF : 1054916.3/22

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: 39.349 $\pm$ 58.534 χ^2 /NDF: 12.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

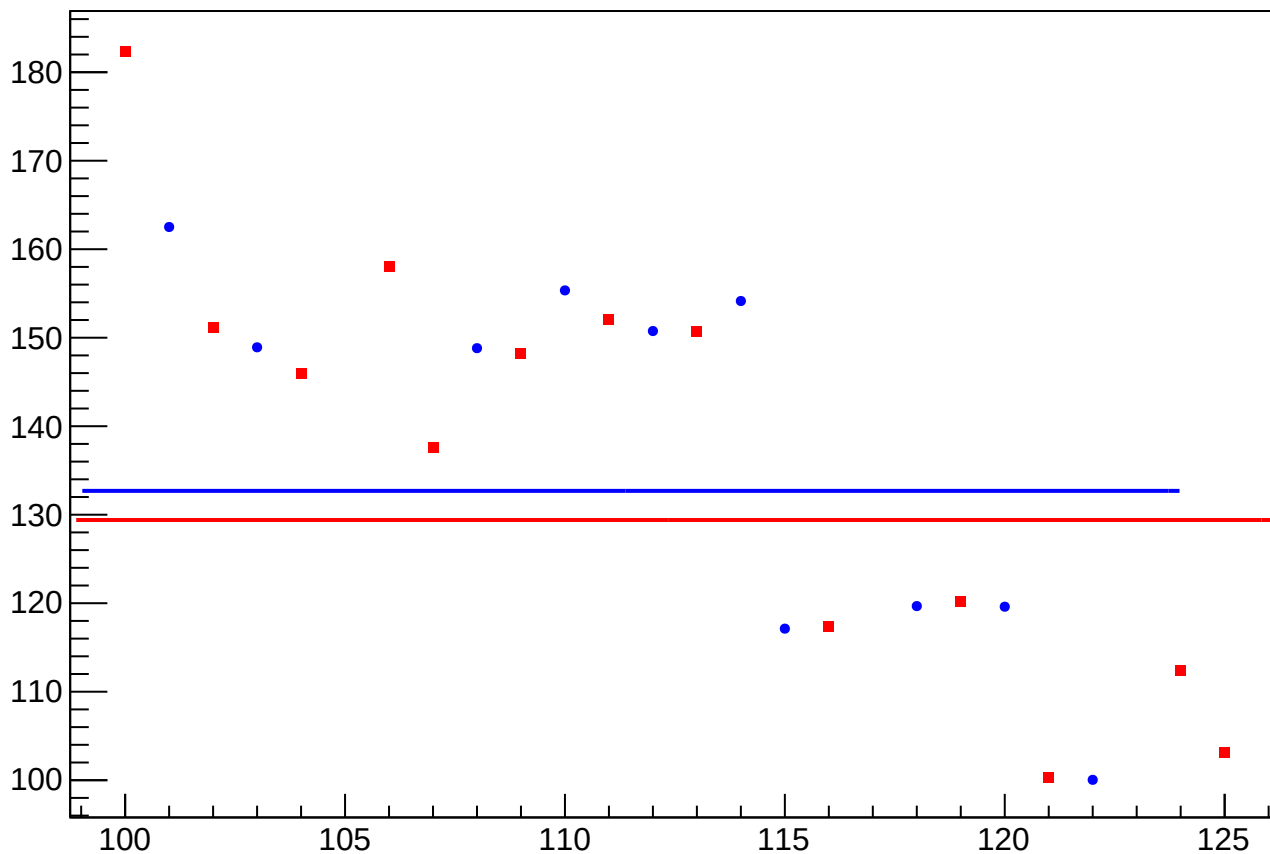
Right: 74.505 $\pm$ 43.949 χ^2 /NDF: 21.5/22

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: 74.505 $\pm$ 43.949 χ^2 /NDF: 21.5/22

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 132.694 $\pm$ 0.047 χ^2 /NDF: 216345.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 129.403 $\pm$ 0.041 χ^2 /NDF: 266611.1/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

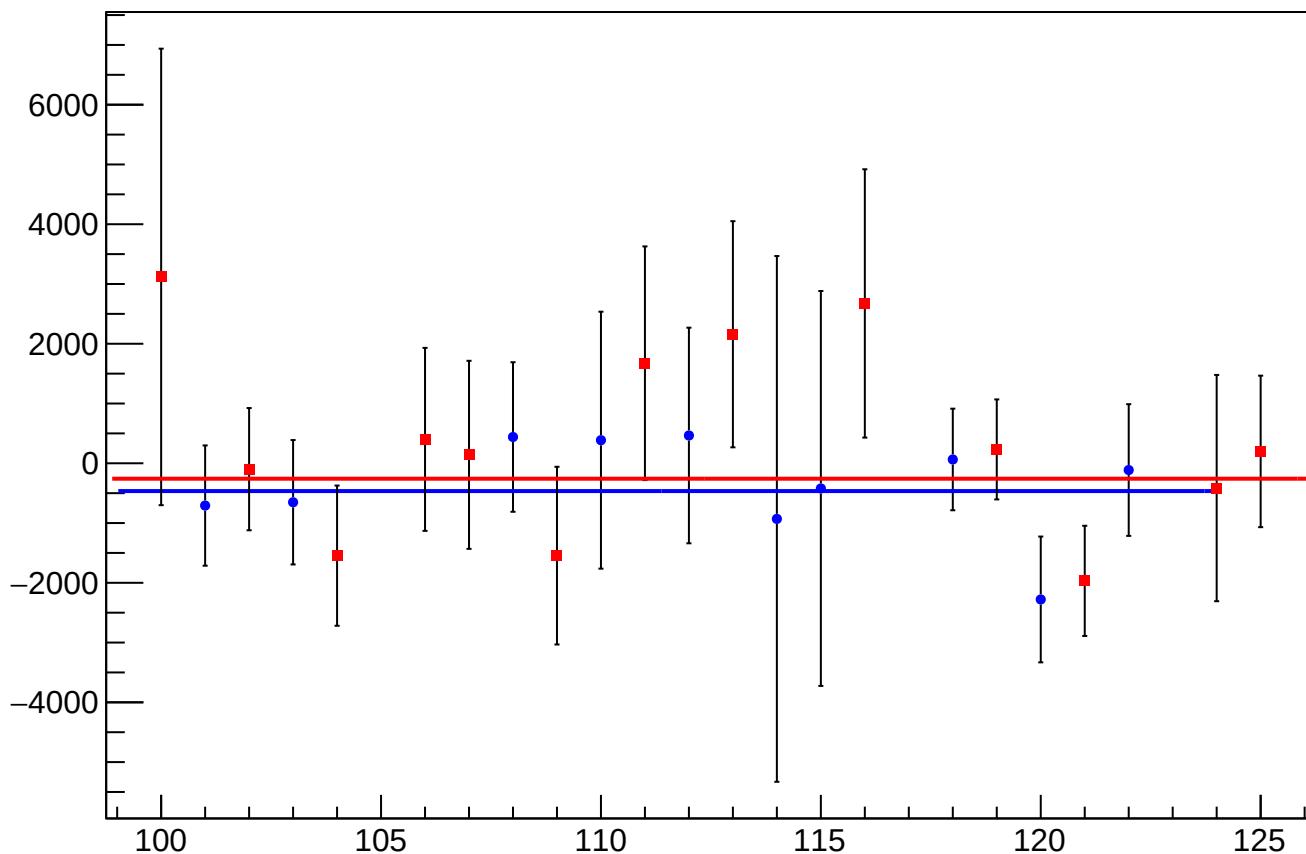
Right: 130.839 $\pm$ 0.031 χ^2 /NDF: 485715.2/22

In: 132.694 $\pm$ 0.047 χ^2 /NDF:216345.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 130.839 $\pm$ 0.031 χ^2 /NDF: 485715.2/22

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: -258.055+/-370.627 χ^2/NDF : 11.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

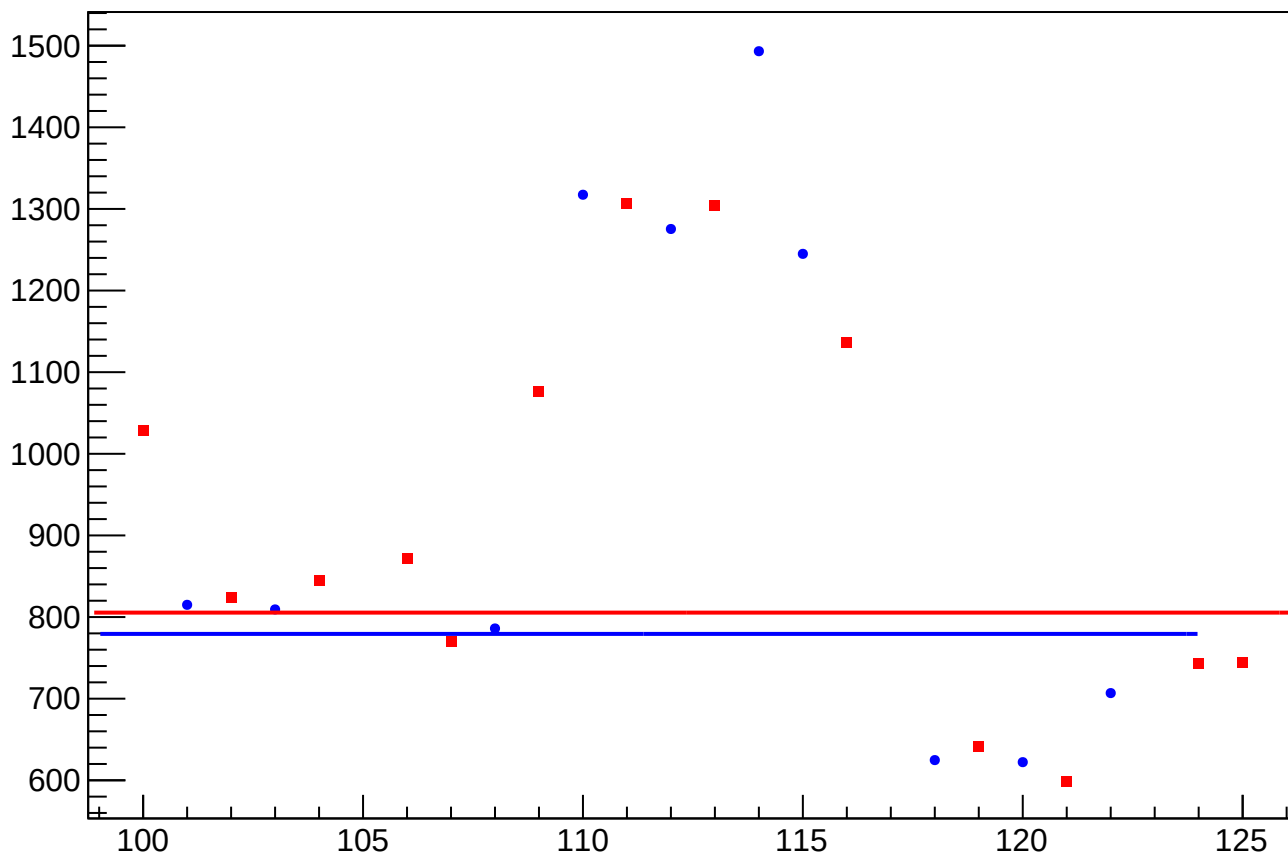
Right: -354.279+/-271.088 χ^2/NDF : 15.9/22

In: -464.985+/-397.540 χ^2/NDF : 4.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -354.279+/-271.088 χ^2/NDF : 15.9/22

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: 805.437+/-0.262 χ^2/NDF : 578914.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

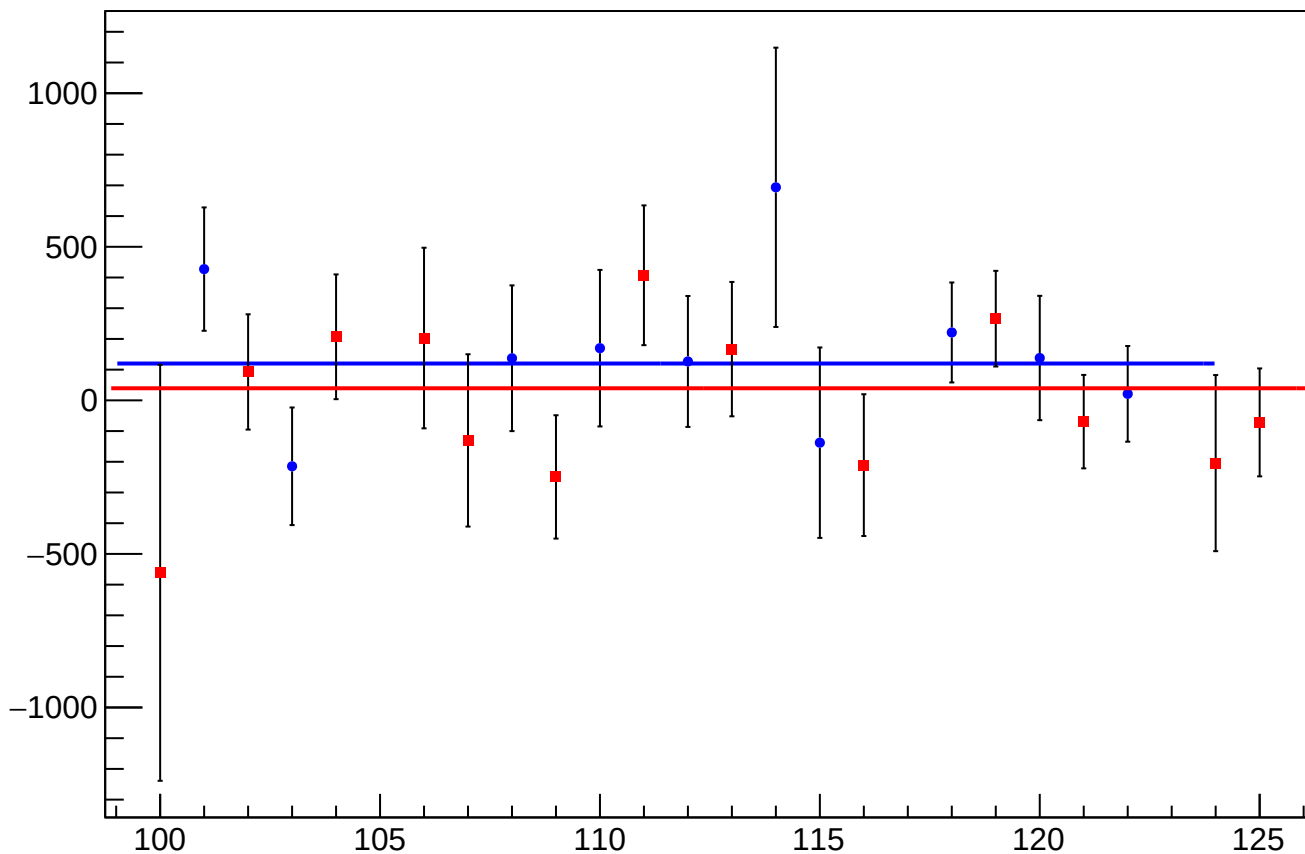
Right: 793.307+/-0.192 χ^2/NDF : 1076070.2/22

In: 779.352+/-0.281 χ^2/NDF : 492549.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 793.307+/-0.192 χ^2/NDF : 1076070.2/22

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: 39.348 $\pm$ 58.533 χ^2 /NDF: 12.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

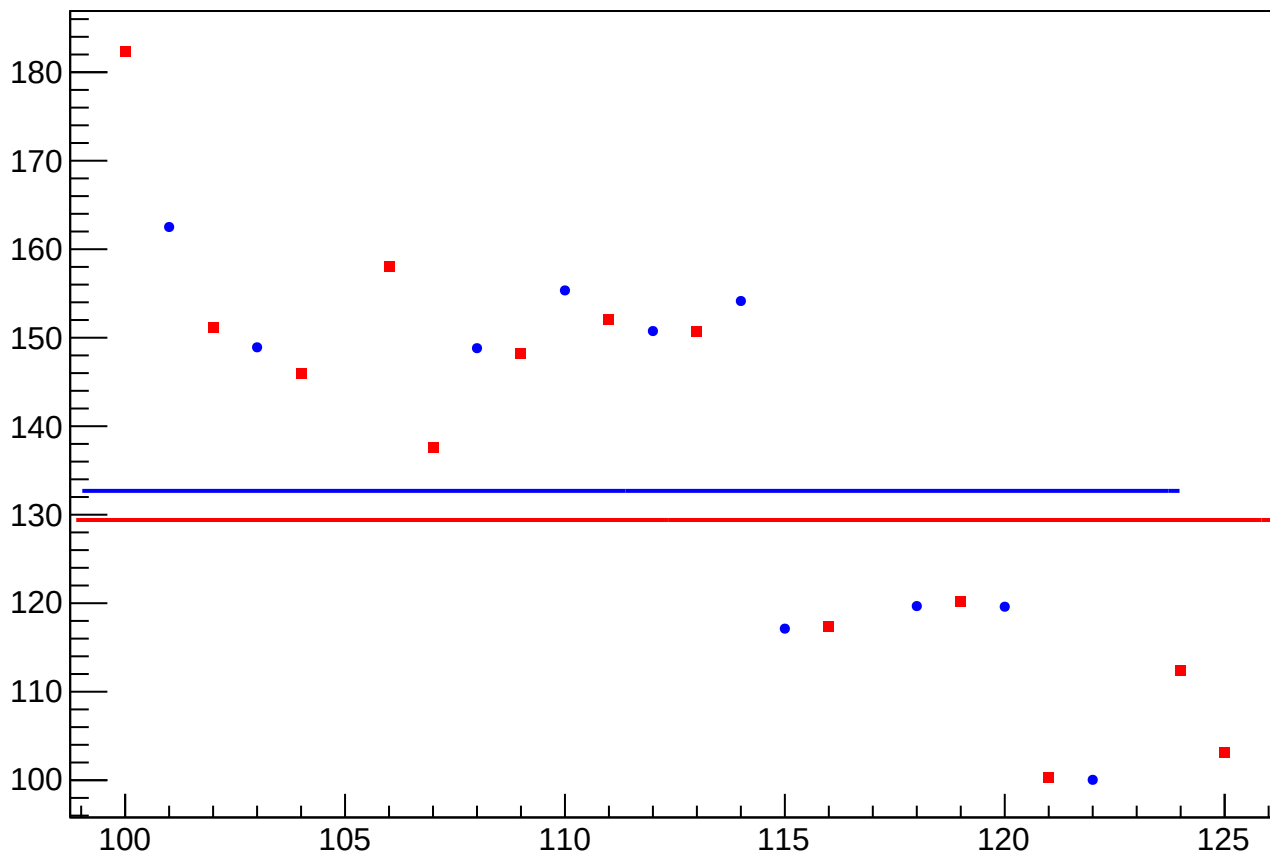
Right: 74.504 $\pm$ 43.949 χ^2 /NDF: 21.5/22

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: 74.504 $\pm$ 43.949 χ^2 /NDF: 21.5/22

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: 129.403+/-0.041 χ^2/NDF : 266606.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

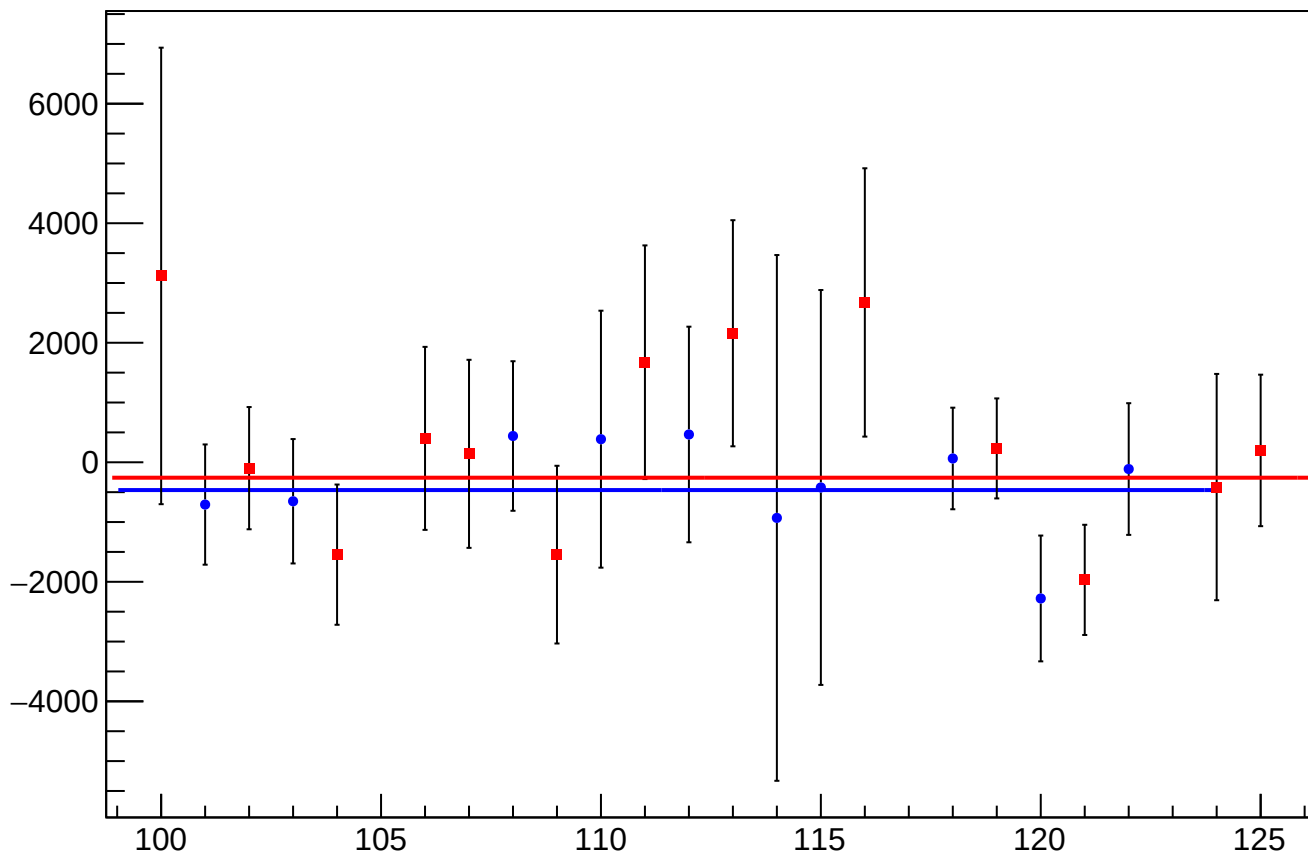
Right: 130.839+/-0.031 χ^2/NDF : 485704.5/22

In: 132.694+/-0.047 χ^2/NDF :216340.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 130.839+/-0.031 χ^2/NDF : 485704.5/22

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: -258.055+/-370.626 χ^2/NDF : 11.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

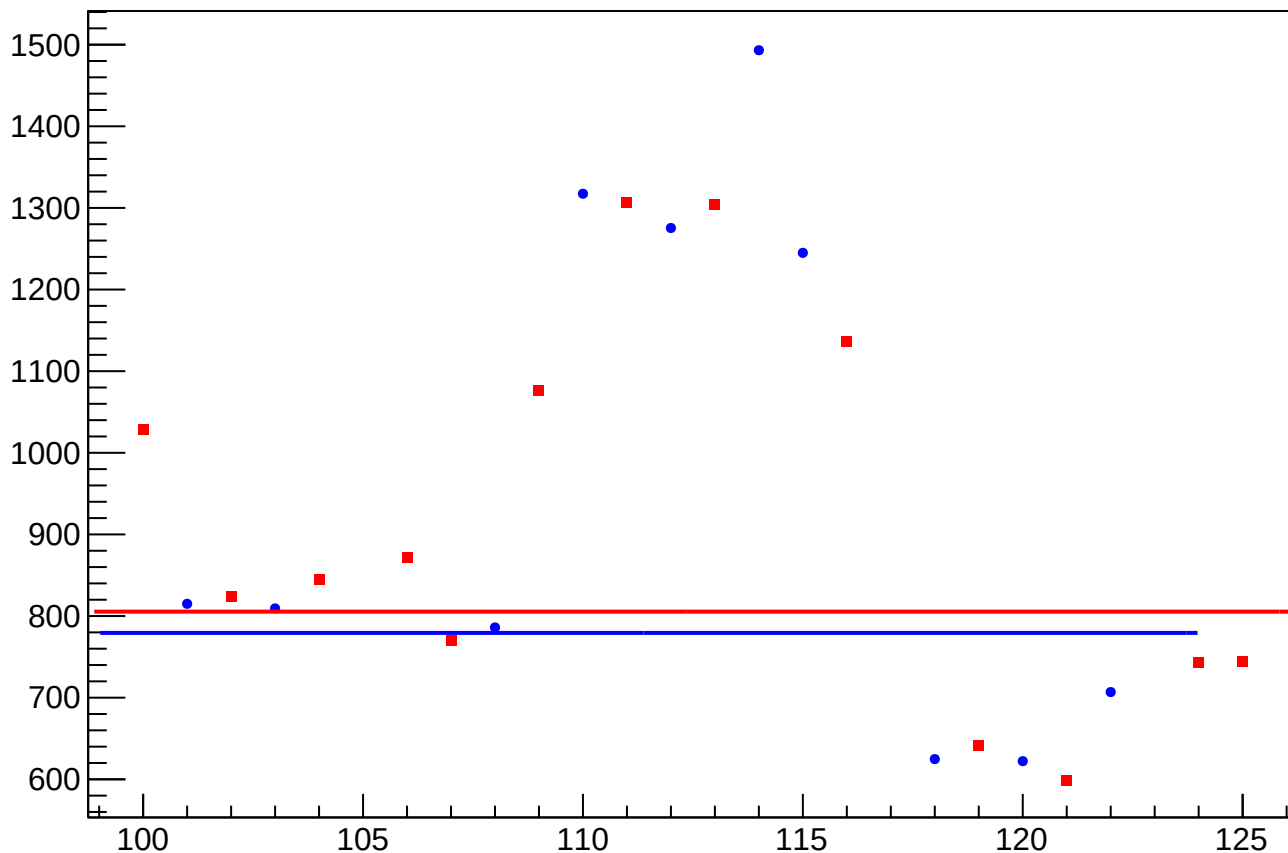
Right: -354.279+/-271.088 χ^2/NDF : 15.9/22

In: -464.985+/-397.539 χ^2/NDF : 4.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -354.279+/-271.088 χ^2/NDF : 15.9/22

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: 805.436+/-0.262 χ^2/NDF : 578907.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

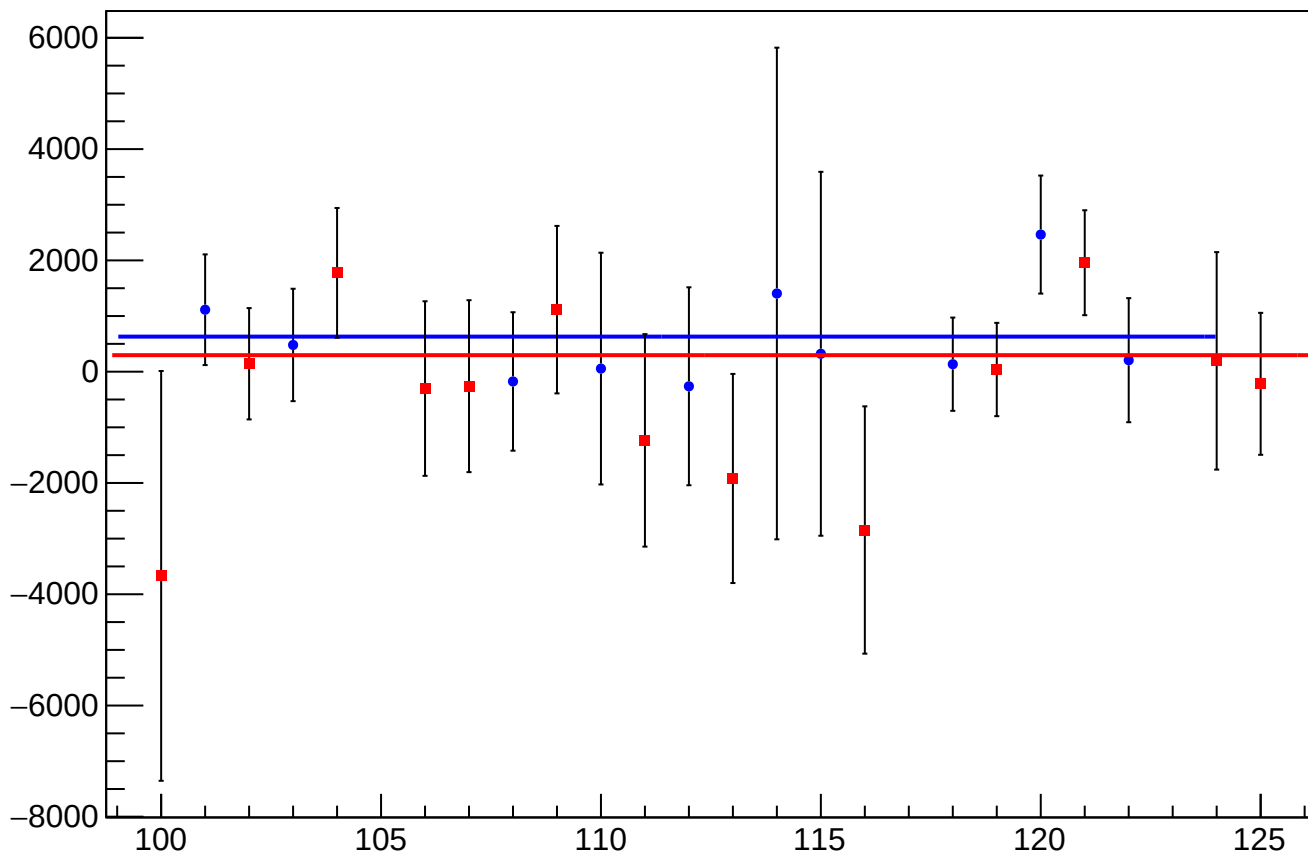
Right: 793.306+/-0.192 χ^2/NDF : 1076057.5/22

In: 779.351+/-0.281 χ^2/NDF : 492543.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 793.306+/-0.192 χ^2/NDF : 1076057.5/22

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: 296.775+/-371.159 χ^2/NDF : 10.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

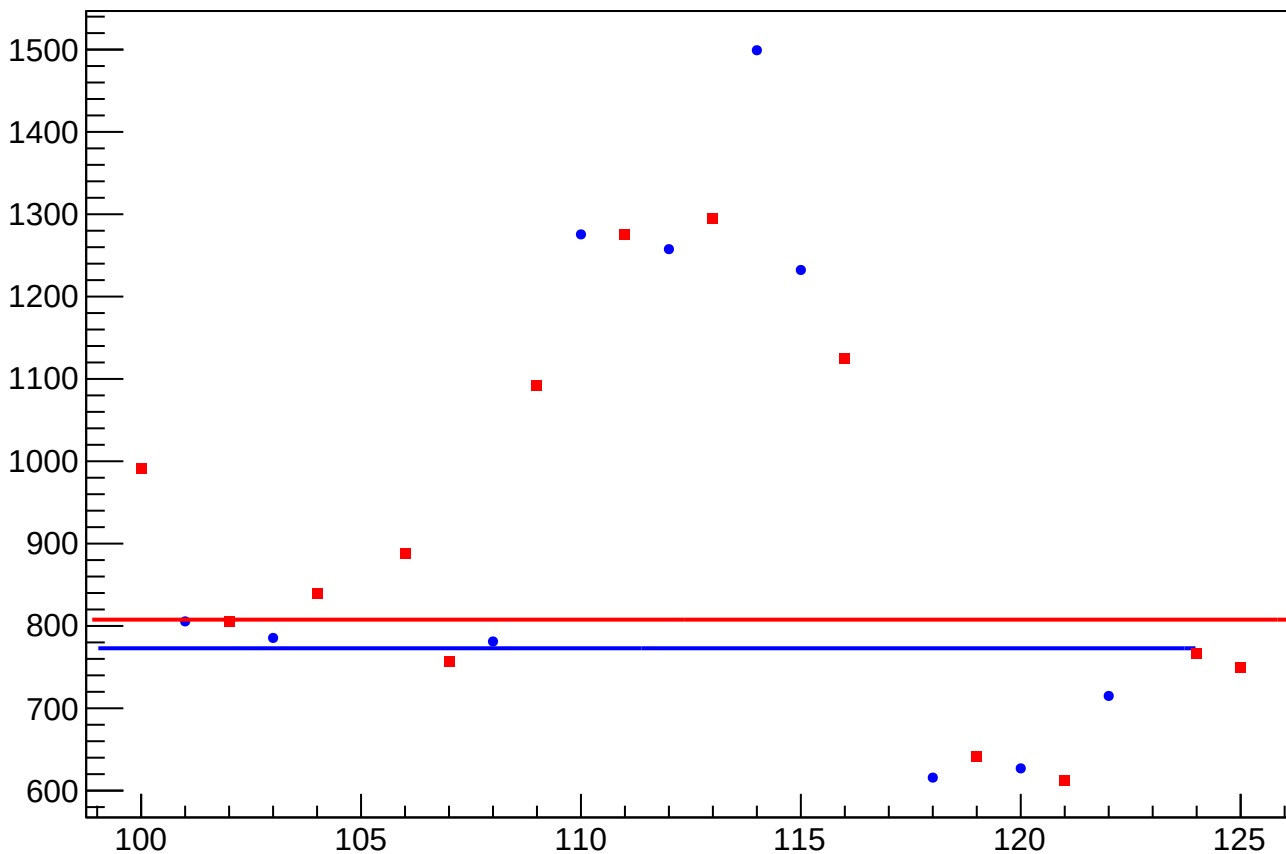
Right: 453.590+/-270.117 χ^2/NDF : 15.7/22

In: 630.172+/-393.858 χ^2/NDF : 4.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 453.590+/-270.117 χ^2/NDF : 15.7/22

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: 807.664+/-0.262 χ^2/NDF : 549793.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

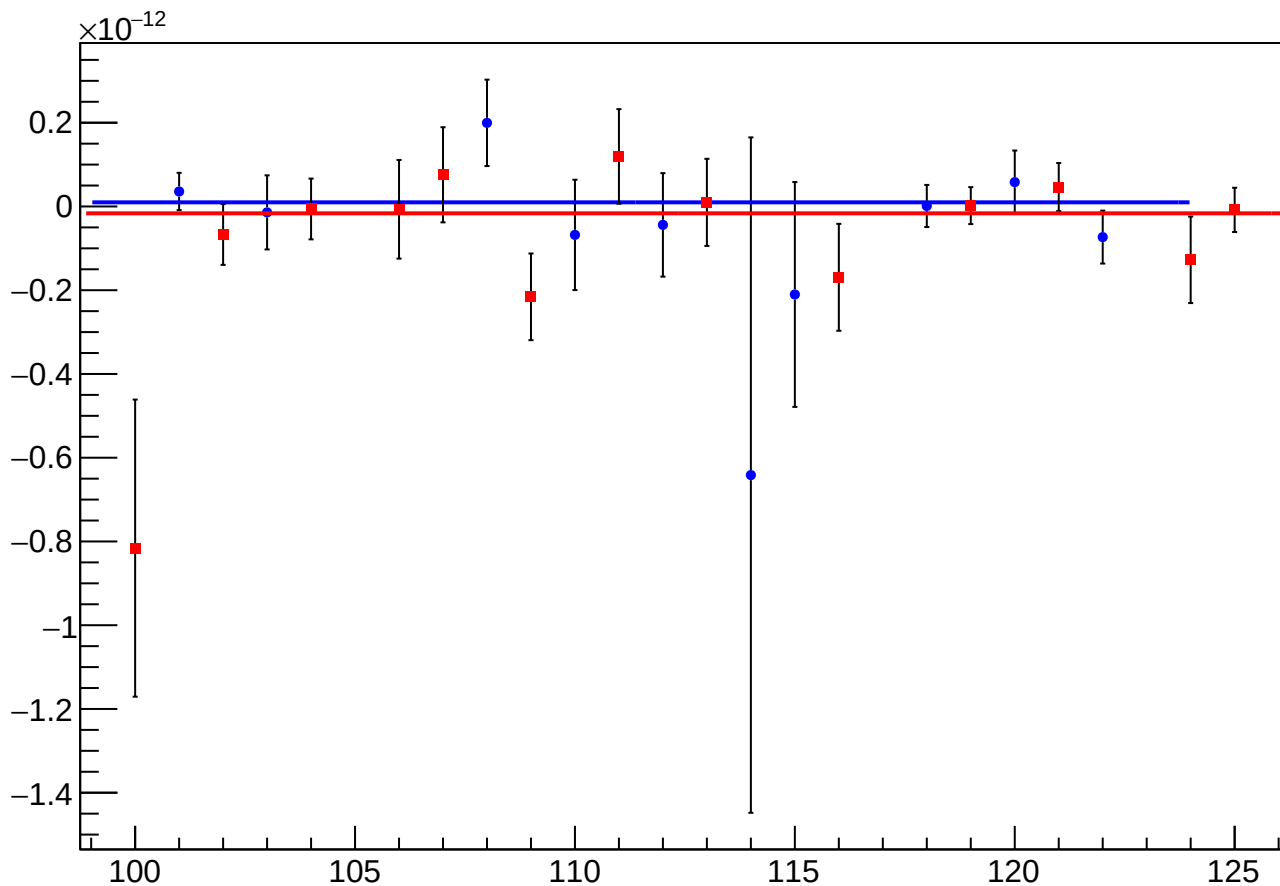
Right: 791.307+/-0.191 χ^2/NDF : 1032720.8/22

In: 772.888+/-0.278 χ^2/NDF : 474668.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 791.307+/-0.191 χ^2/NDF : 1032720.8/22

asym_sam_26_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

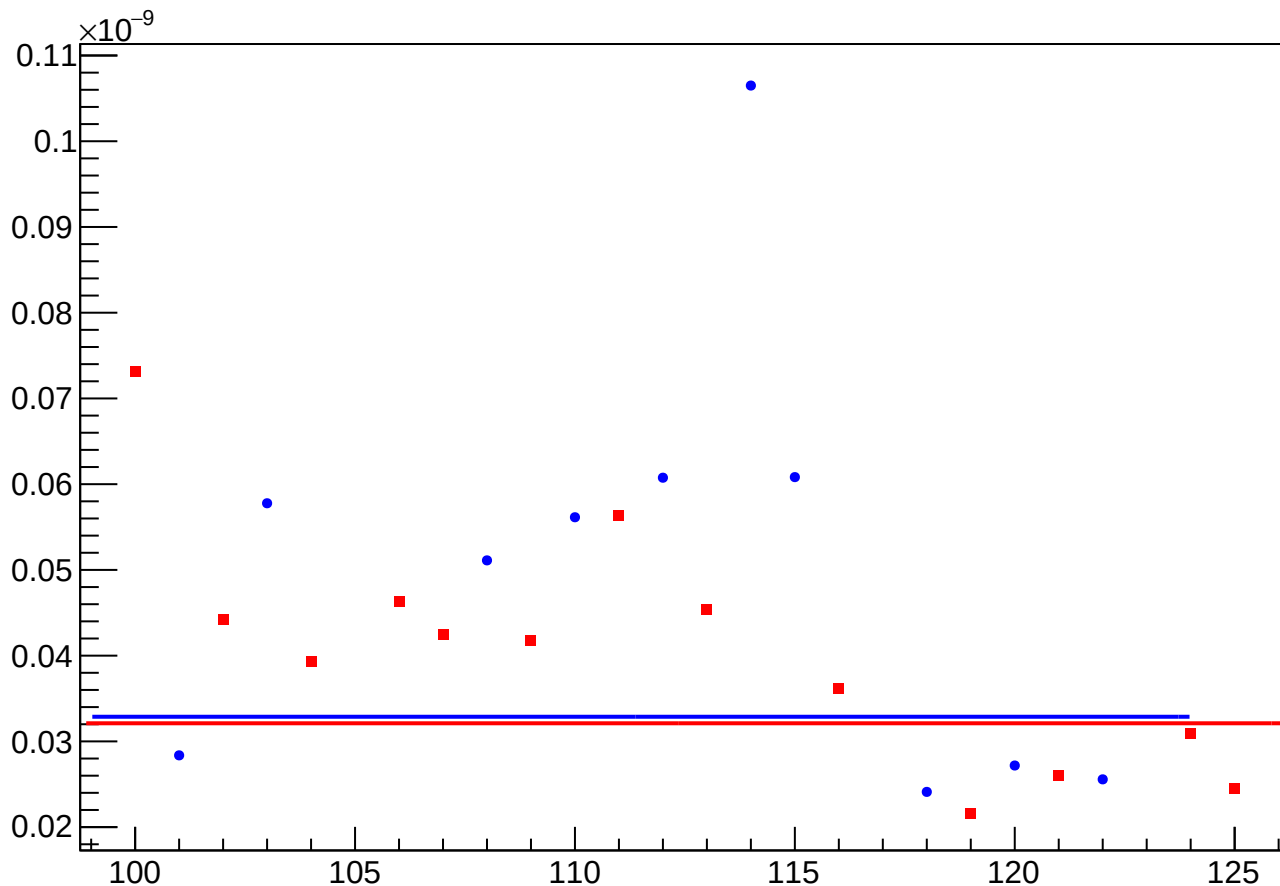
Right: -0.000+/-0.000 χ^2/NDF : 23.9/22

In: 0.000+/-0.000 χ^2/NDF : 7.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.9/22

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 : 469867.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

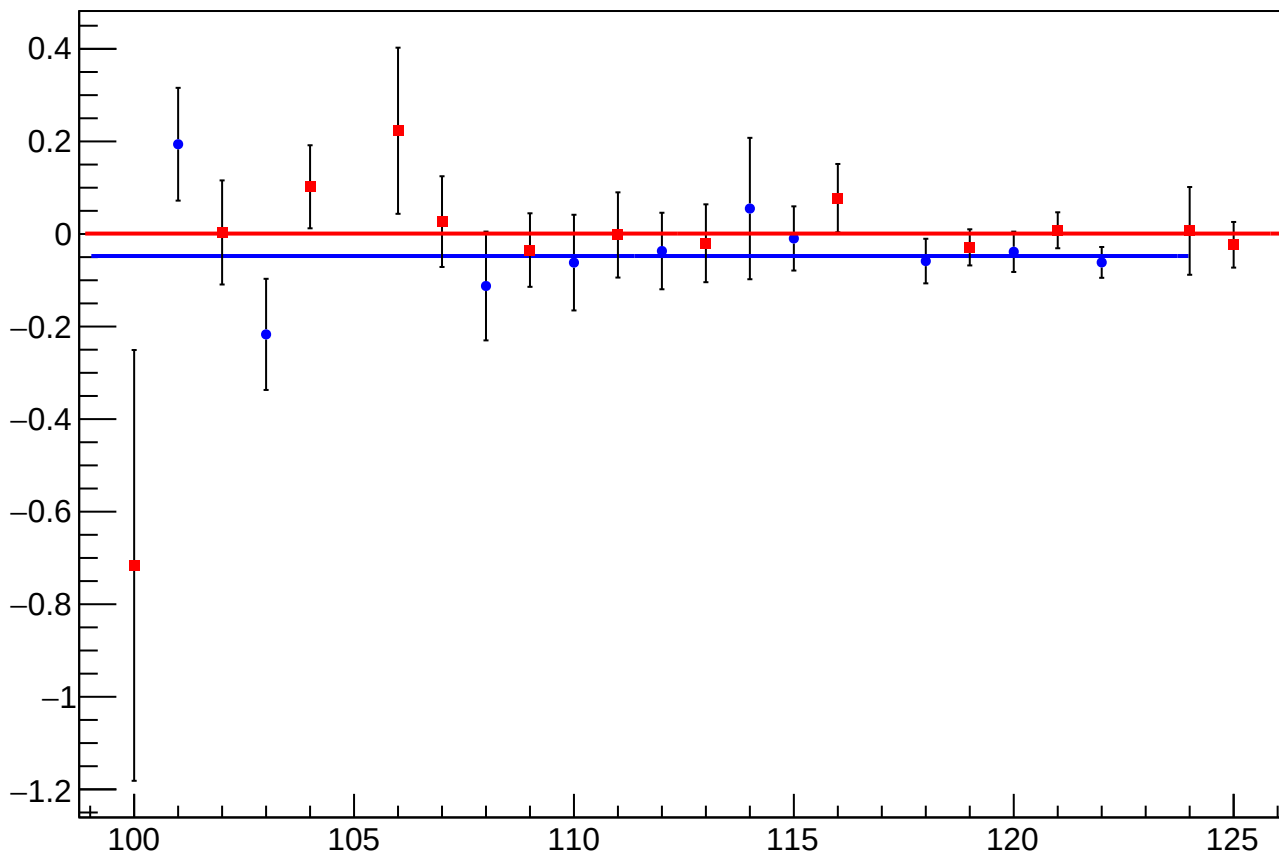
Right: 0.000+/-0.000 χ^2/NDF : 1013635.4/22

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 : 1013635.4/22

asym_sam_26_48_dd_dit_vs_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: 0.001+/-0.019 χ^2/NDF : 7.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

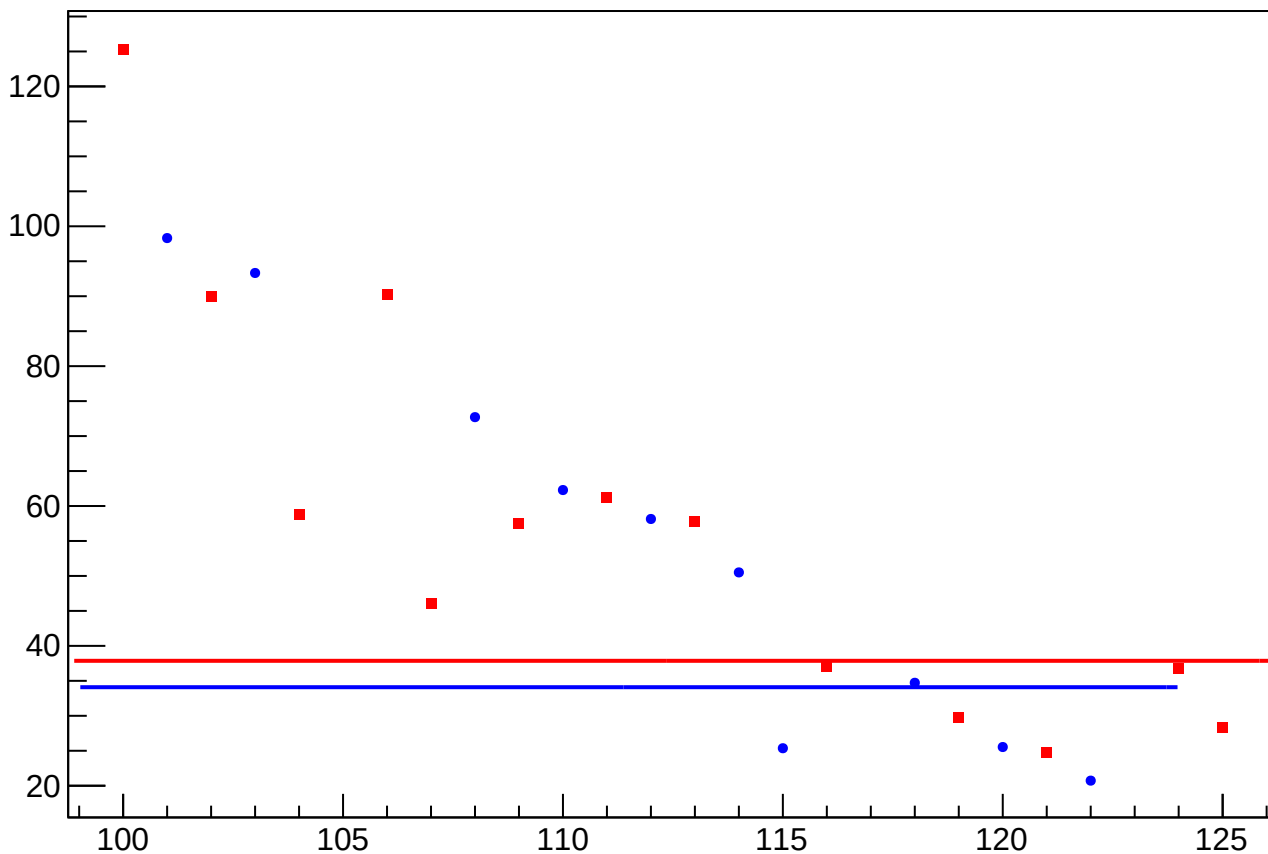
Right: -0.022+/-0.014 χ^2/NDF : 17.9/22

In: -0.048+/-0.020 χ^2/NDF :7.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.022+/-0.014 χ^2/NDF : 17.9/22

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: 37.864+/-0.013 χ^2/NDF : 1546338.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

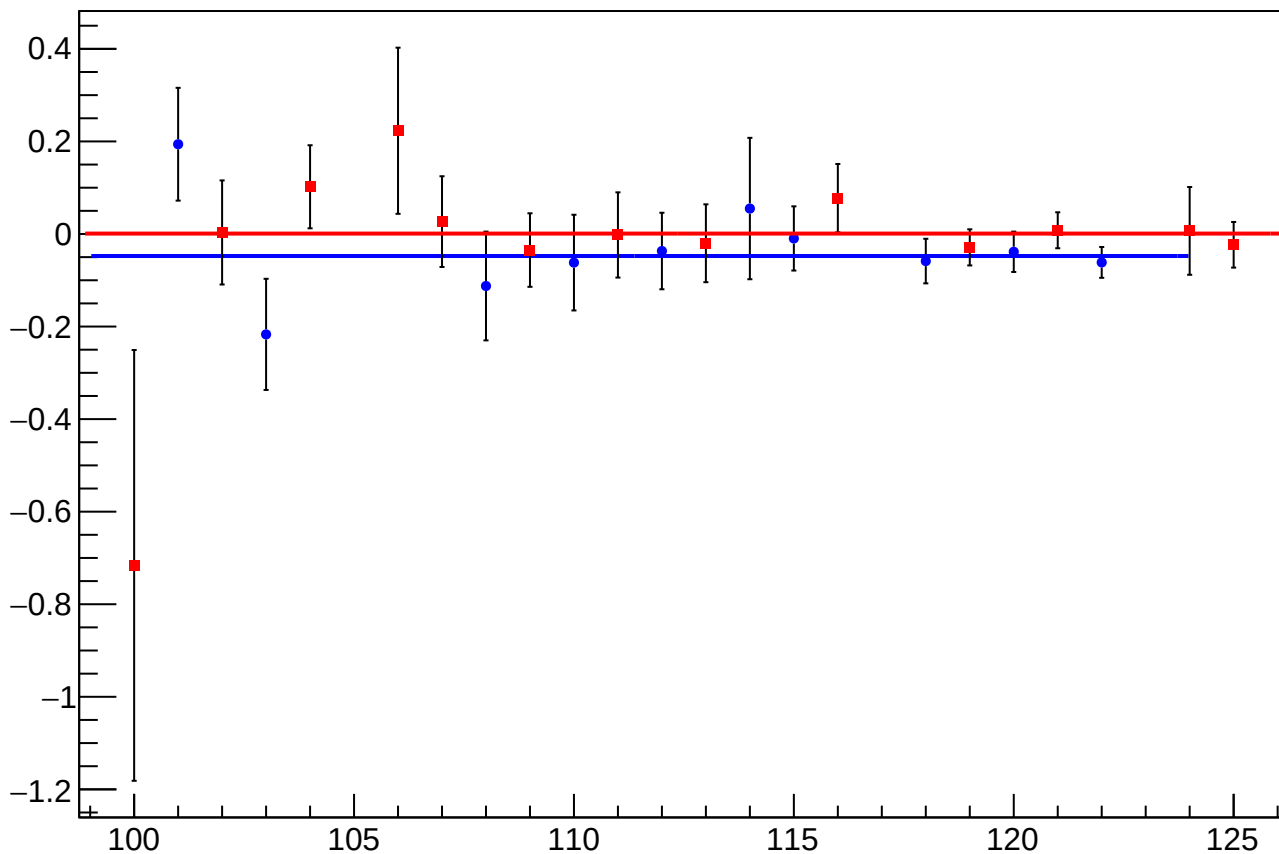
Right: 36.056+/-0.010 χ^2/NDF : 3614681.7/22

In: 34.090+/-0.014 χ^2/NDF : 2030351.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.056+/-0.010 χ^2/NDF : 3614681.7/22

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: 0.001+/-0.019 χ^2/NDF : 7.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

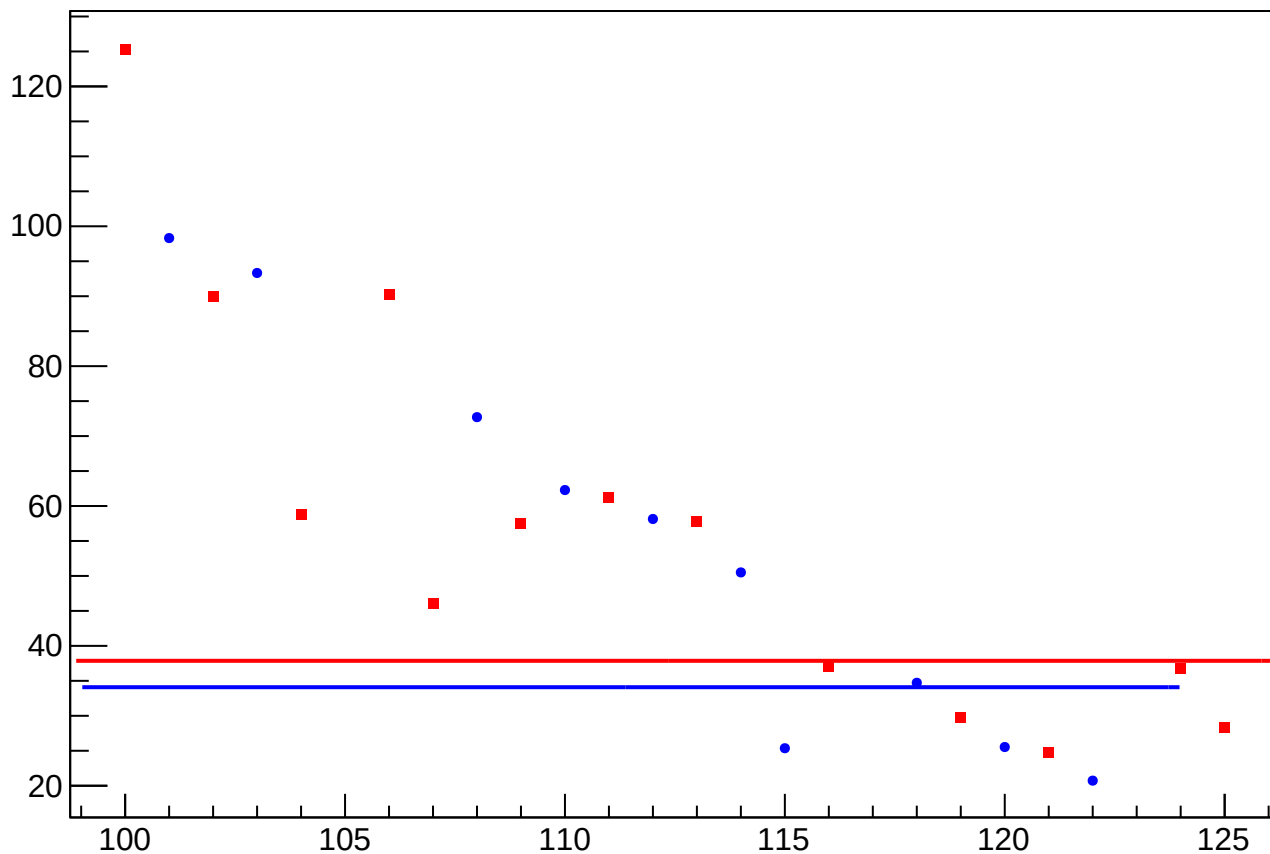
Right: -0.022+/-0.014 χ^2/NDF : 17.9/22

In: -0.048+/-0.020 χ^2/NDF :7.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.022+/-0.014 χ^2/NDF : 17.9/22

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.090 $\pm$ 0.014 χ^2 /NDF: 2030351.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 37.864 $\pm$ 0.013 χ^2 /NDF: 1546338.1/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

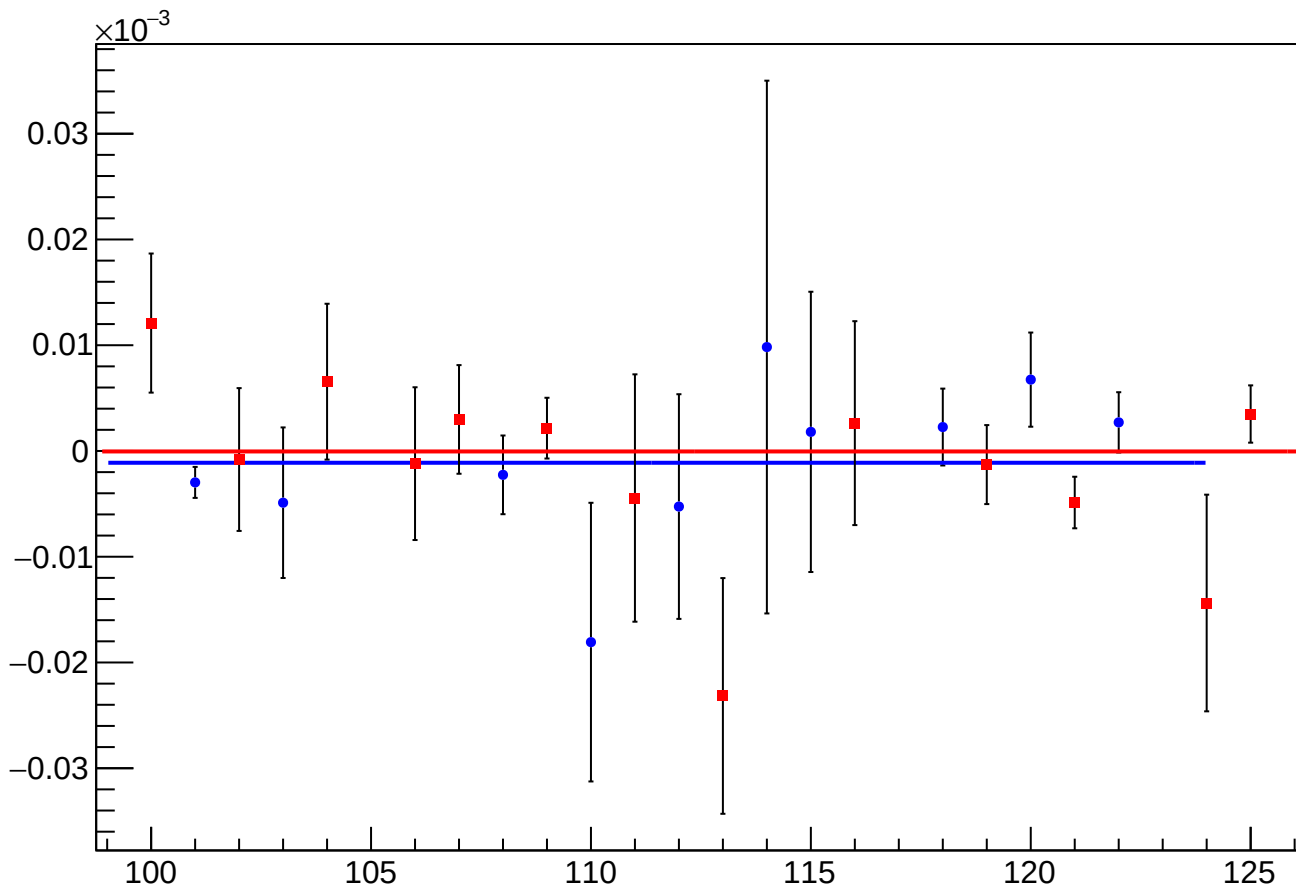
Right: 36.056 $\pm$ 0.010 χ^2 /NDF: 3614681.7/22

In: 34.090 $\pm$ 0.014 χ^2 /NDF:2030351.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 36.056 $\pm$ 0.010 χ^2 /NDF: 3614681.7/22

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 : 17.4/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

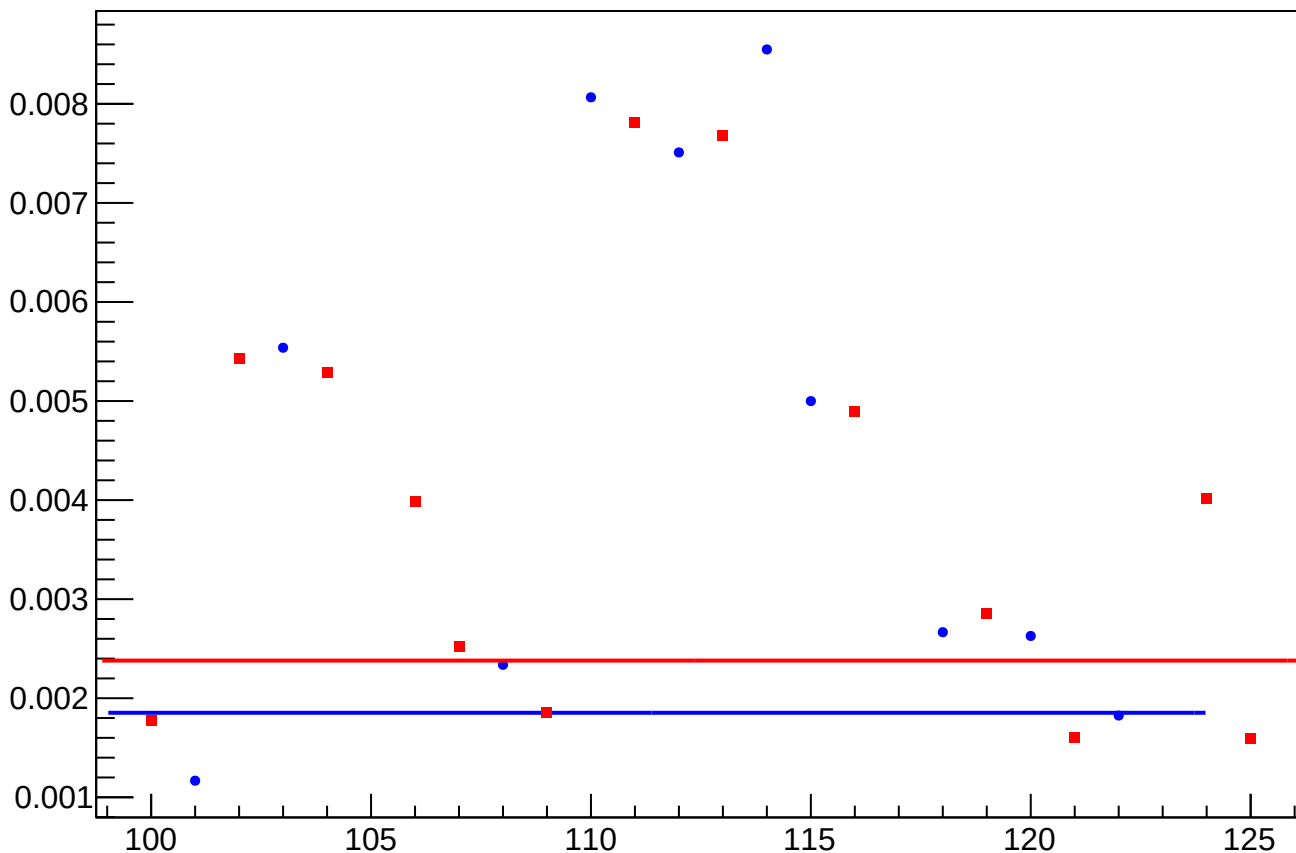
Right: -0.000 ± 0.000 χ^2/NDF : 27.6/22

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 : 27.6/22

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: 0.002+/-0.000 χ^2/NDF : 2380398.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

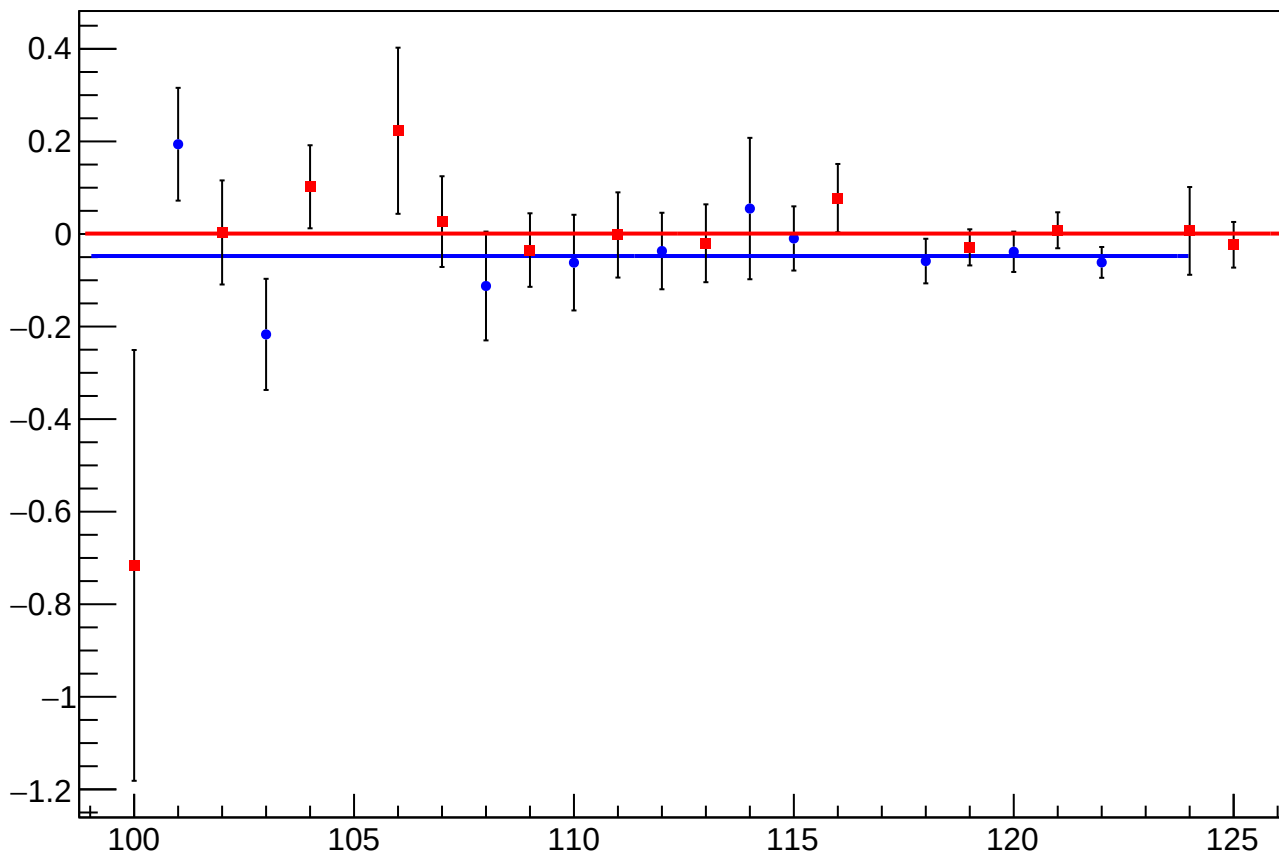
Right: 0.002+/-0.000 χ^2/NDF : 5017957.6/22

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 : 5017957.6/22

asym_sam_26_48_dd_eigen_dit_vs_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: 0.001+/-0.019 χ^2/NDF : 7.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

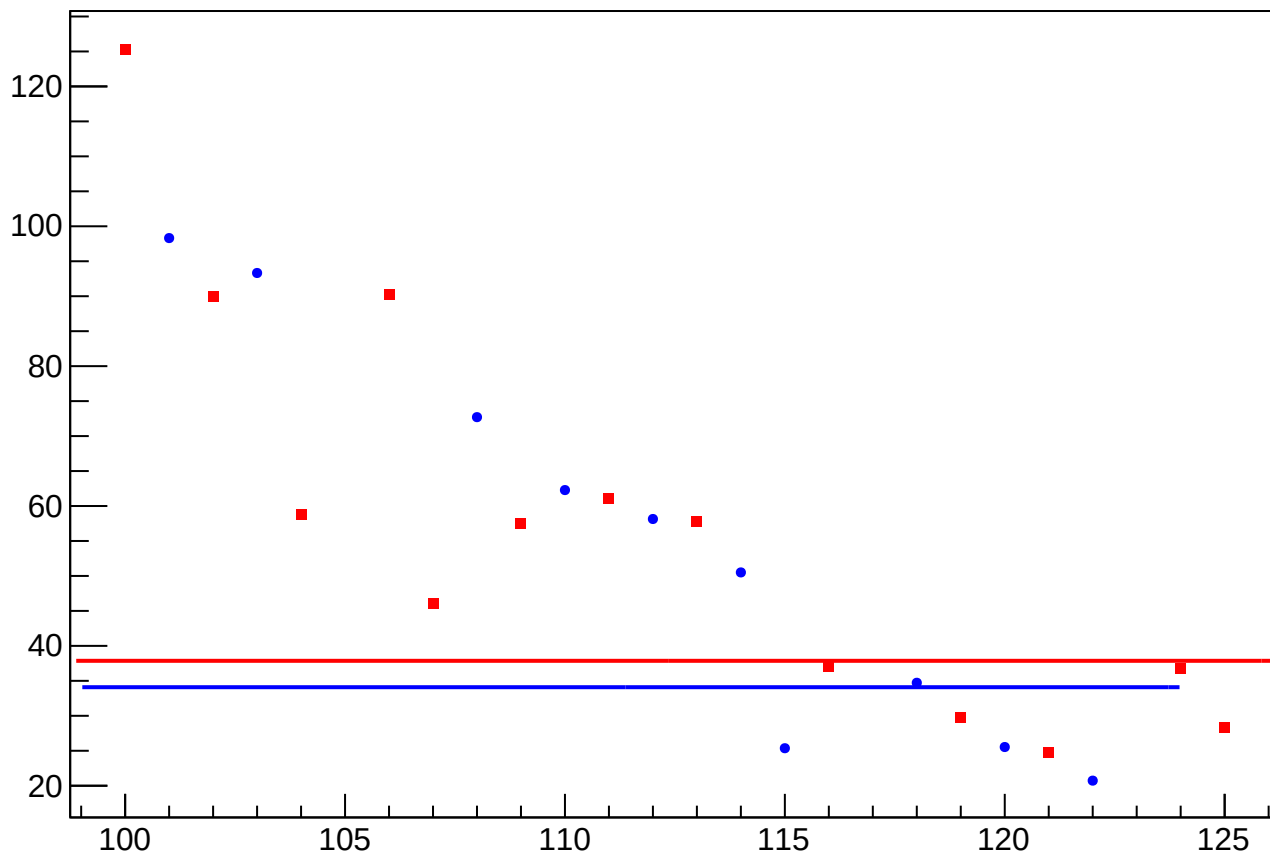
Right: -0.022+/-0.014 χ^2/NDF : 17.9/22

In: -0.048+/-0.020 χ^2/NDF :7.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.022+/-0.014 χ^2/NDF : 17.9/22

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.090 $\pm$ 0.014 χ^2 /NDF: 2030283.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 37.864 $\pm$ 0.013 χ^2 /NDF: 1546287.7/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

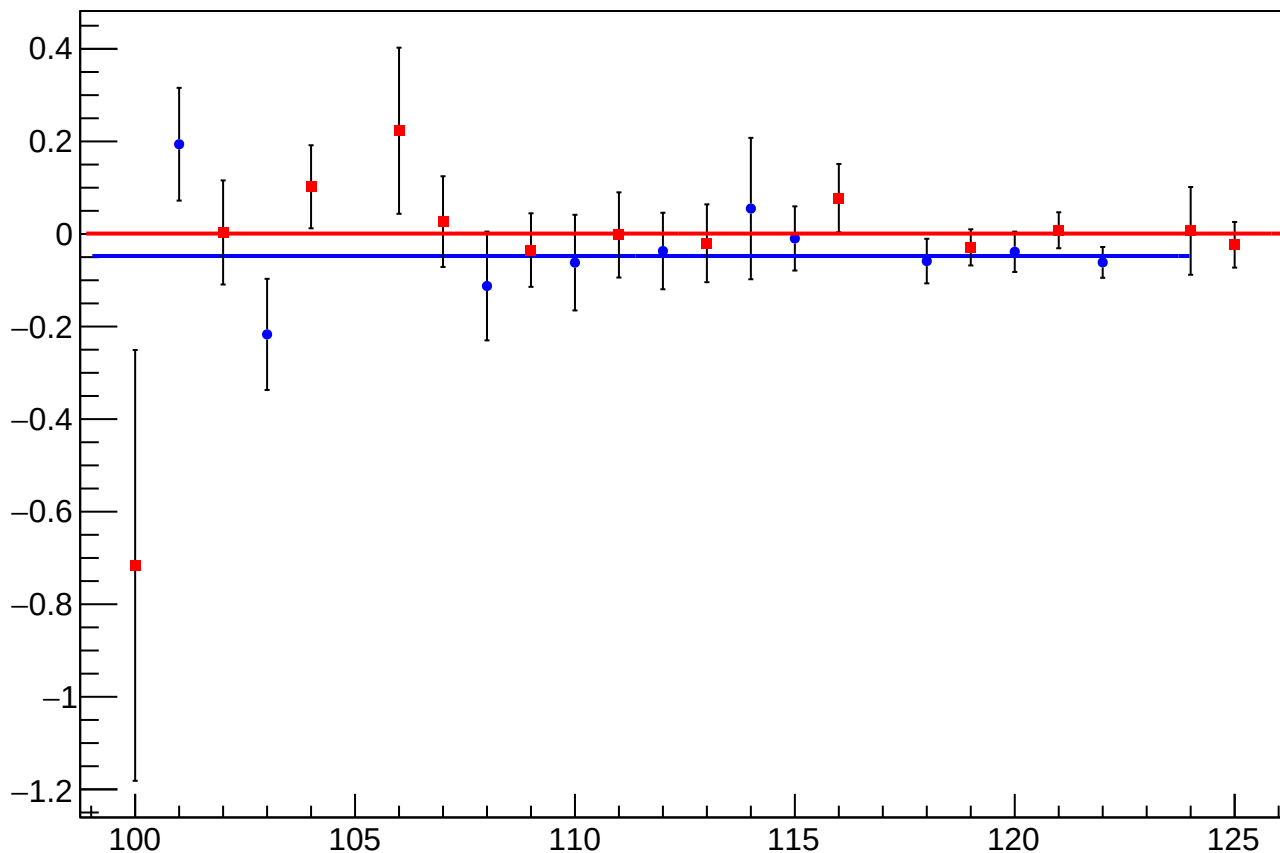
Right: 36.057 $\pm$ 0.010 χ^2 /NDF: 3614551.2/22

In: 34.090 $\pm$ 0.014 χ^2 /NDF:2030283.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 36.057 $\pm$ 0.010 χ^2 /NDF: 3614551.2/22

asym_sam_26_48_dd_eigen_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: 0.001+/-0.019 χ^2/NDF : 7.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

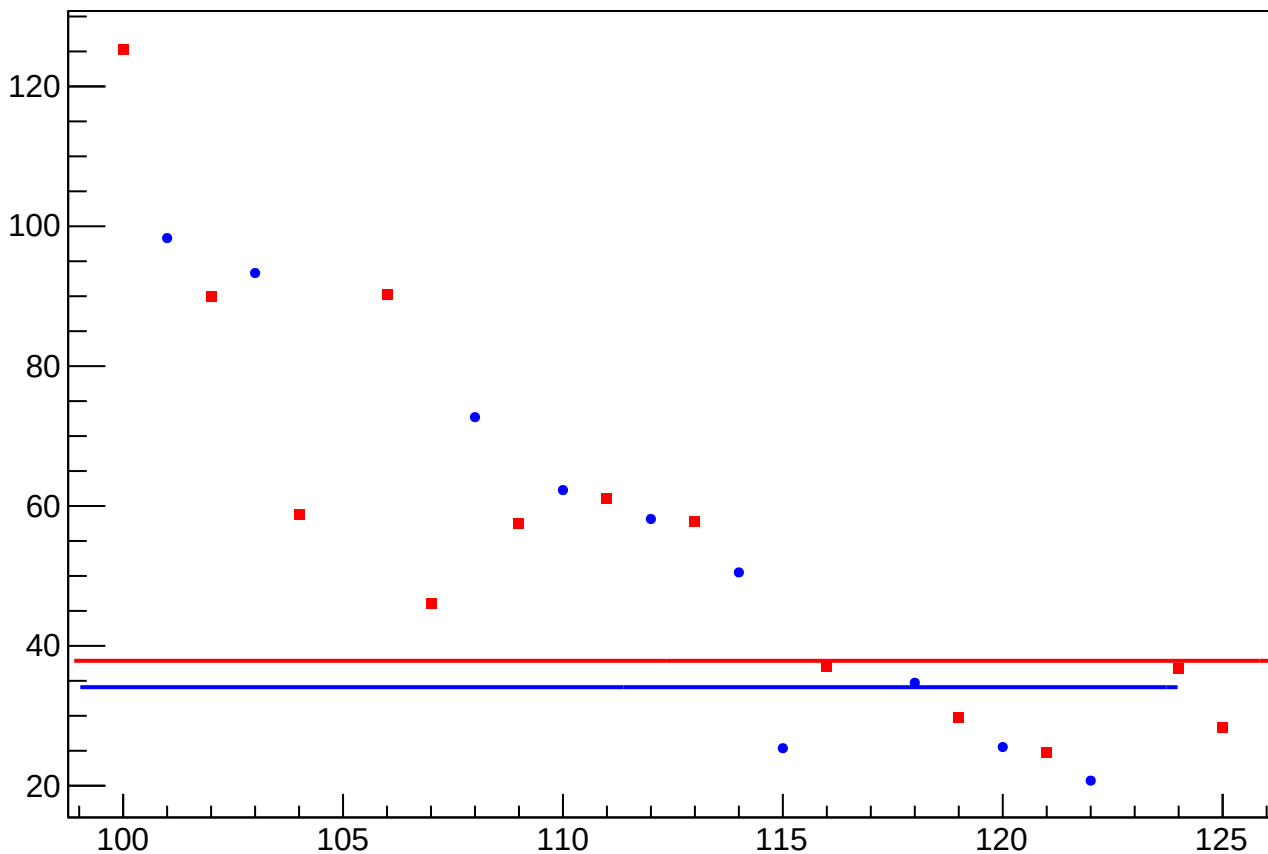
Right: -0.022+/-0.014 χ^2/NDF : 17.9/22

In: -0.048+/-0.020 χ^2/NDF :7.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.022+/-0.014 χ^2/NDF : 17.9/22

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.090 $\pm$ 0.014 χ^2 /NDF: 2030283.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 37.864 $\pm$ 0.013 χ^2 /NDF: 1546287.7/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

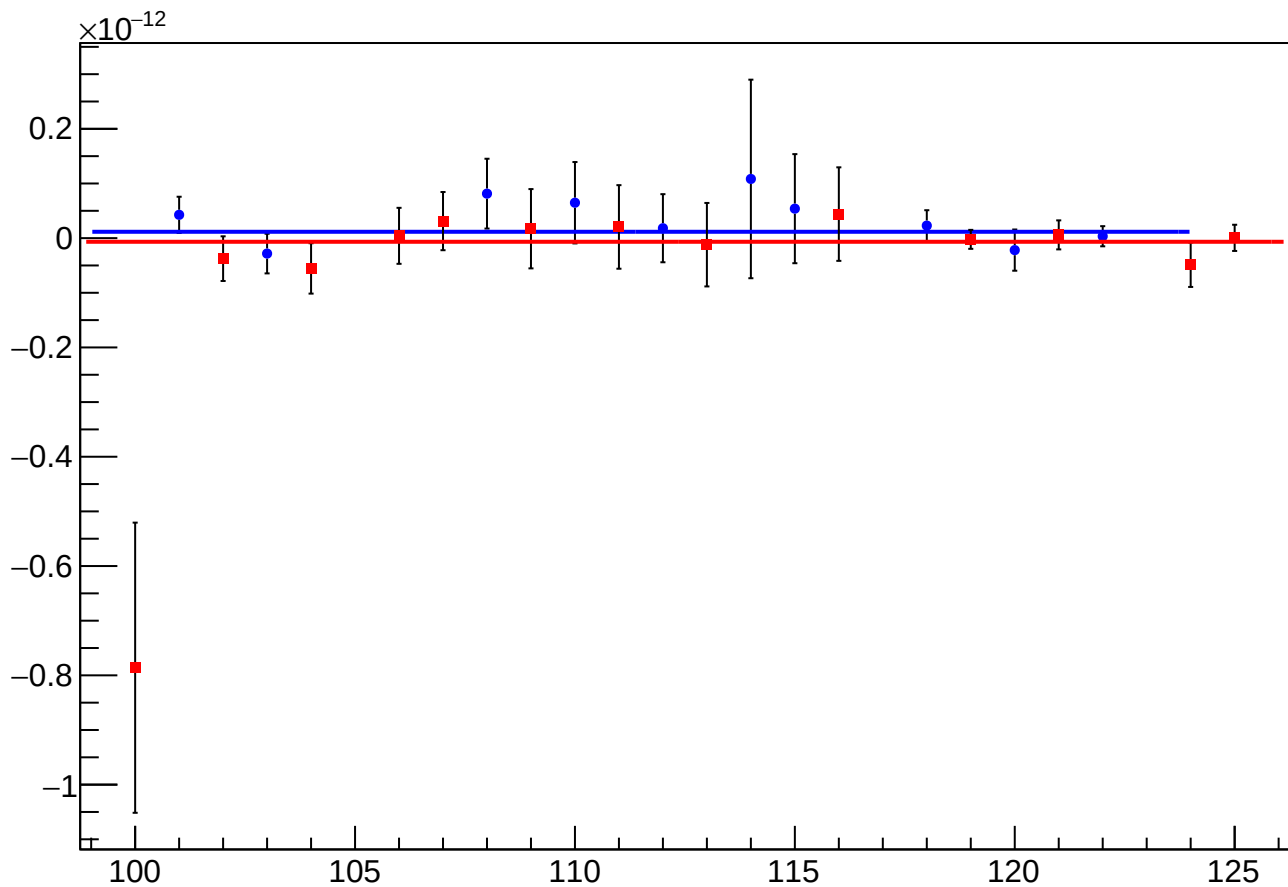
Right: 36.057 $\pm$ 0.010 χ^2 /NDF: 3614551.2/22

In: 34.090 $\pm$ 0.014 χ^2 /NDF:2030283.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 36.057 $\pm$ 0.010 χ^2 /NDF: 3614551.2/22

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

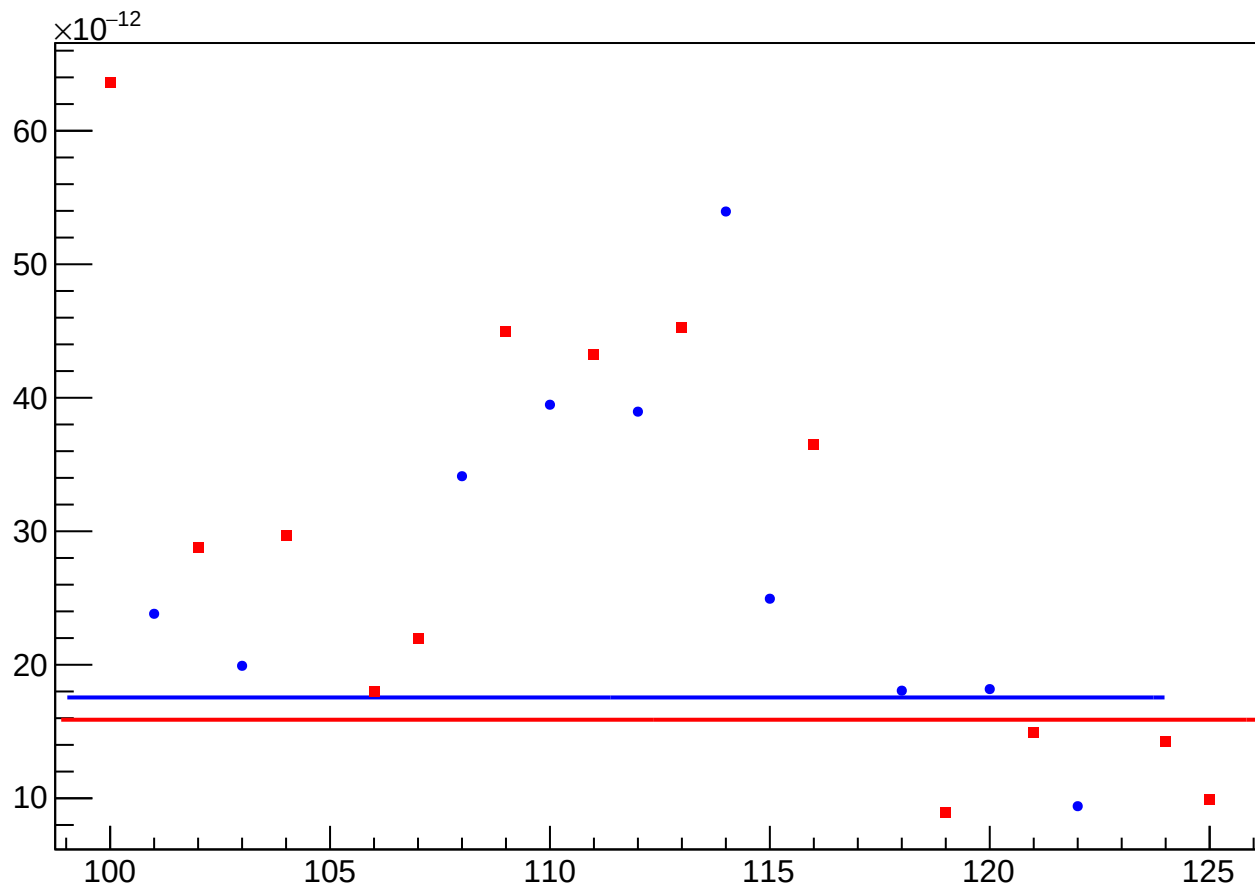
Right: 0.000+/-0.000 χ^2/NDF : 19.7/22

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 : 19.7/22

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 : 1913008.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

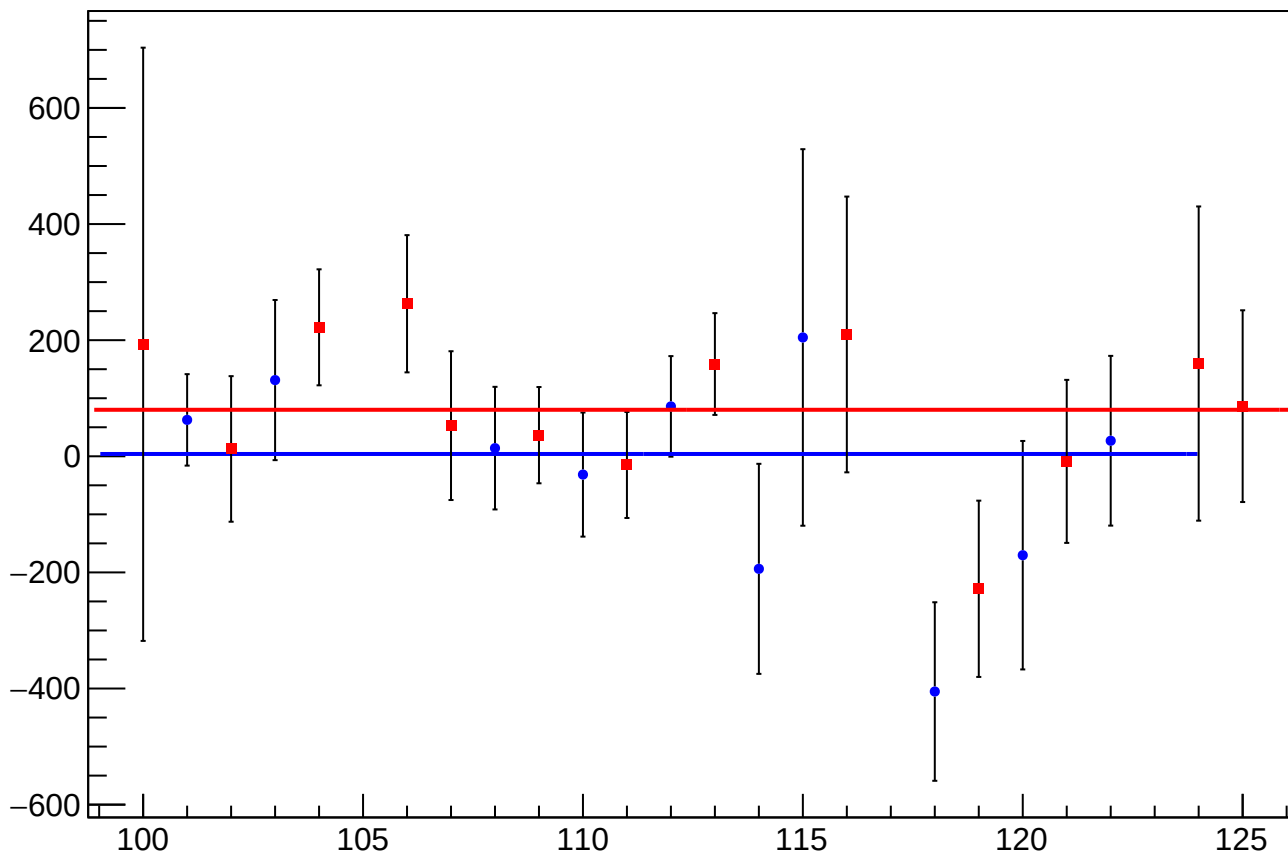
Right: 0.000+/-0.000 χ^2/NDF : 3043738.4/22

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 : 3043738.4/22

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: 80.108+/-34.140 χ^2/NDF : 11.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

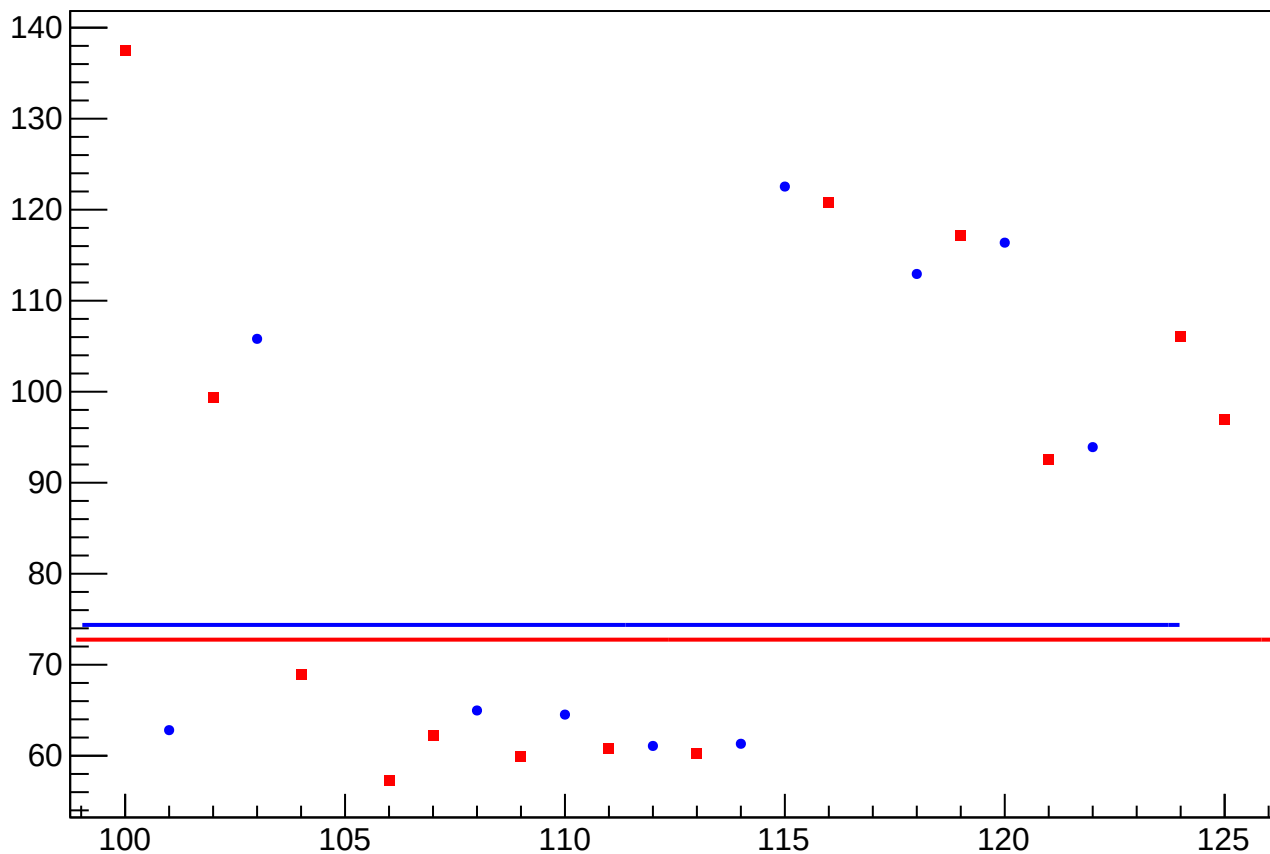
Right: 46.471+/-25.505 χ^2/NDF : 26.0/22

In: 3.984+/-38.369 χ^2/NDF : 11.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.471+/-25.505 χ^2/NDF : 26.0/22

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: 72.757+/-0.024 χ^2/NDF : 661149.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

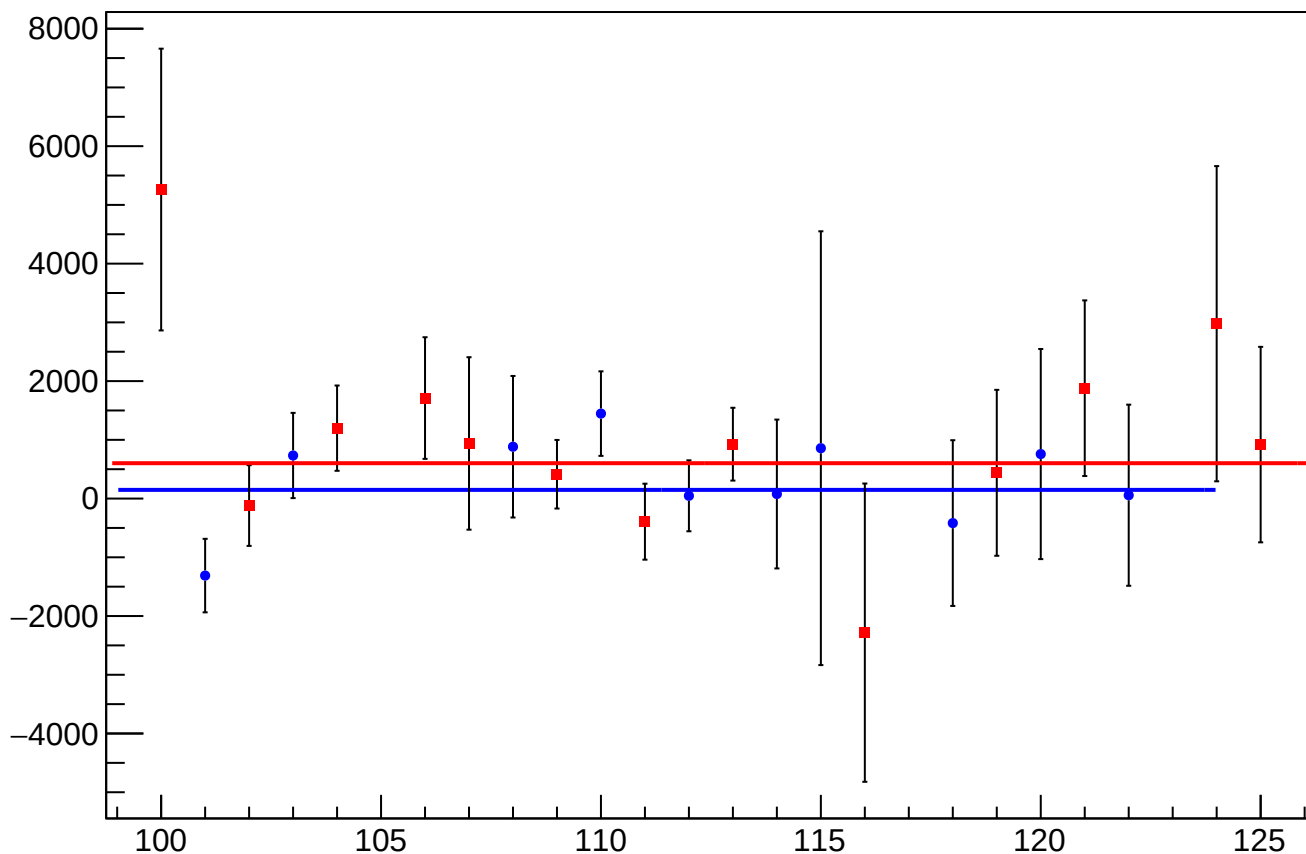
Right: 73.472+/-0.018 χ^2/NDF : 1197326.9/22

In: 74.376+/-0.027 χ^2/NDF : 534191.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.472+/-0.018 χ^2/NDF : 1197326.9/22

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: 602.311+/-257.209 χ^2/NDF : 12.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

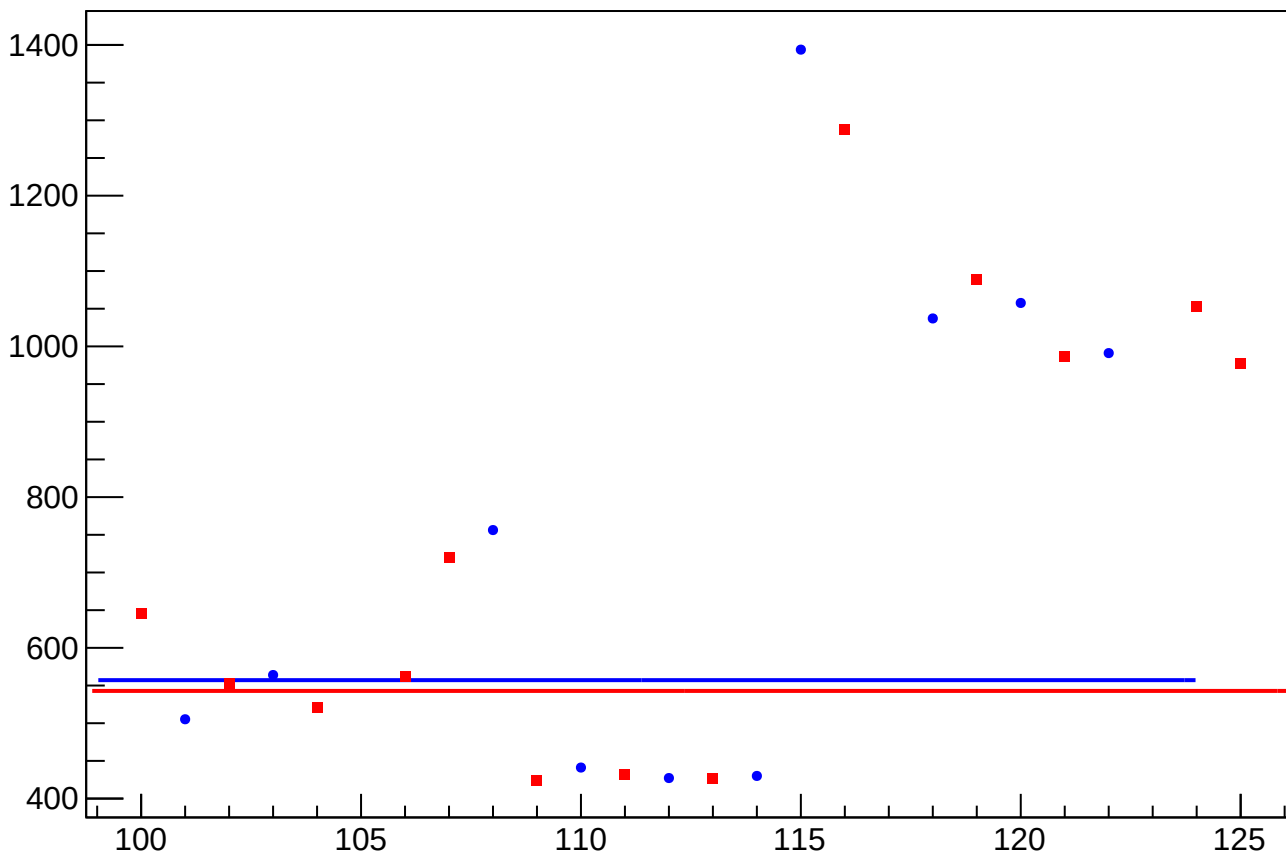
Right: 403.664+/-192.945 χ^2/NDF : 23.8/22

In: 148.029+/-291.779 χ^2/NDF : 10.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 403.664+/-192.945 χ^2/NDF : 23.8/22

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: 542.852+/-0.182 χ^2/NDF : 1103233.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

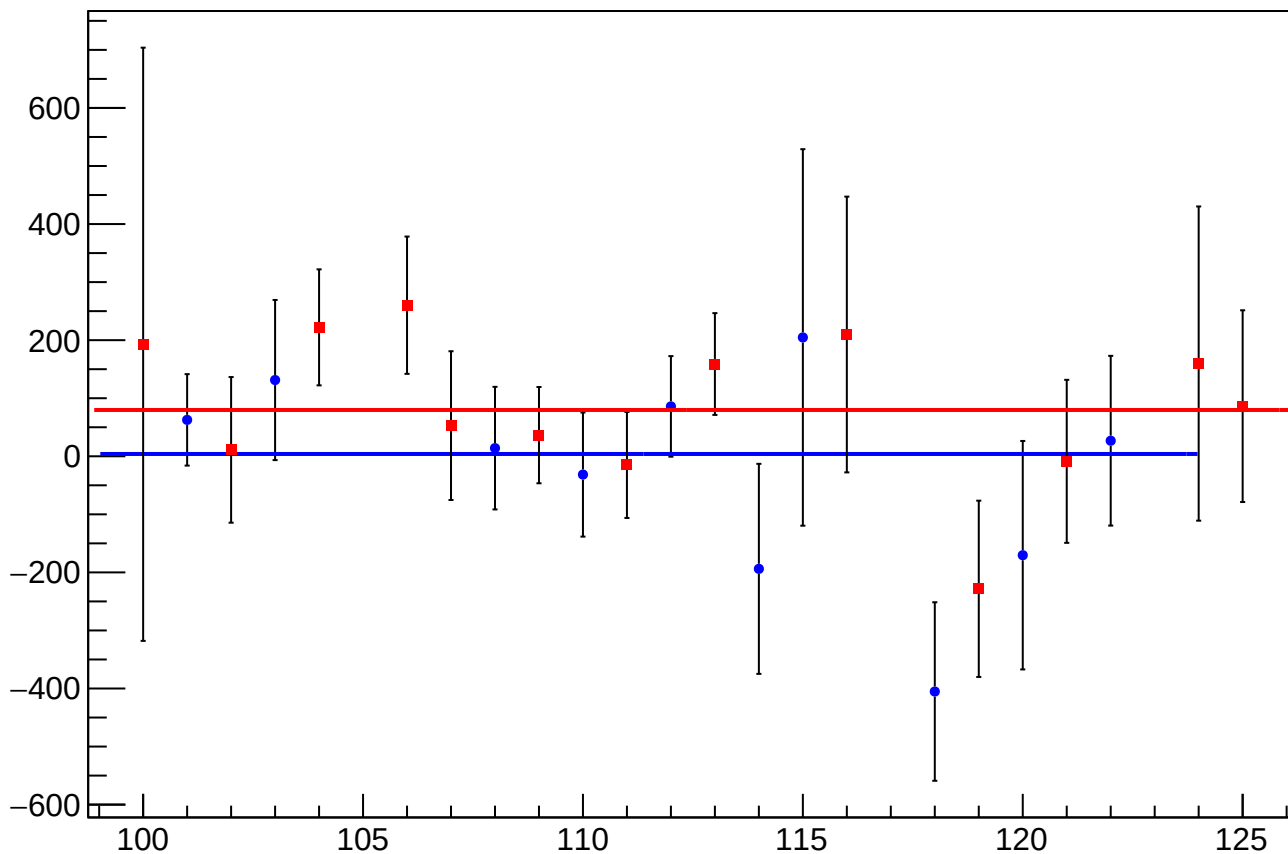
Right: 549.098+/-0.136 χ^2/NDF : 1988146.2/22

In: 557.136+/-0.206 χ^2/NDF : 882215.2/9

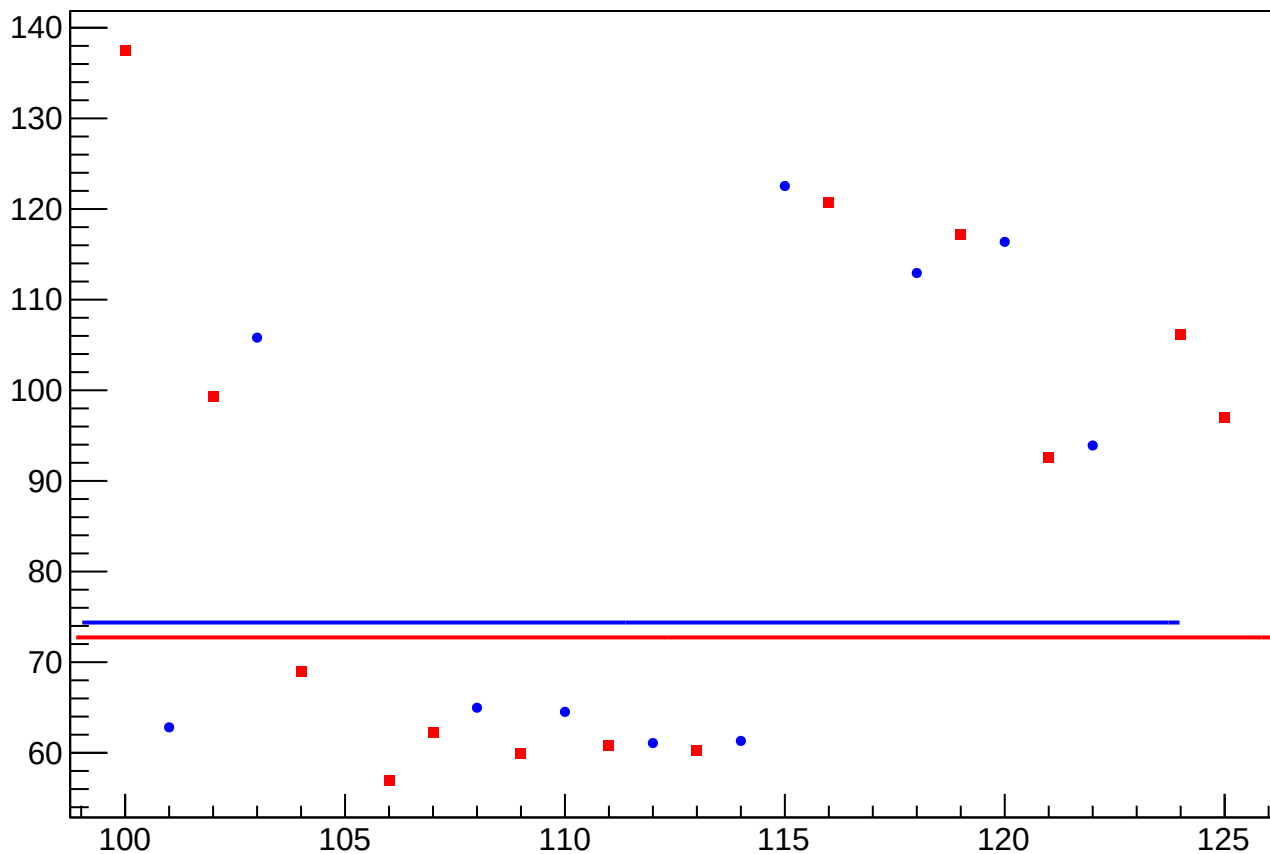
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 549.098+/-0.136 χ^2/NDF : 1988146.2/22

cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 74.376+/-0.027 χ^2/NDF : 534193.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.732+/-0.024 χ^2/NDF : 662817.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

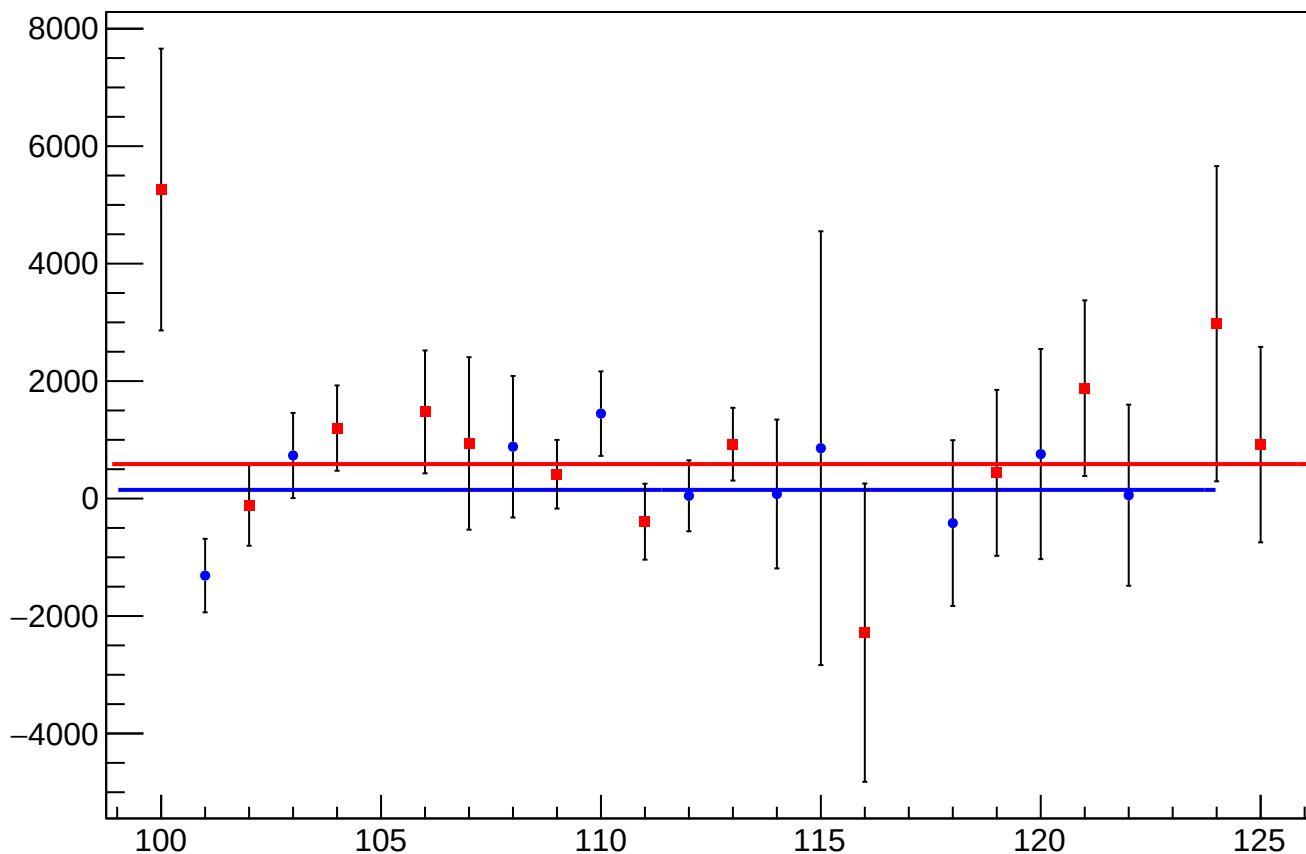
Right: 73.458+/-0.018 χ^2/NDF : 1199060.1/22

In: 74.376+/-0.027 χ^2/NDF : 534193.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.458+/-0.018 χ^2/NDF : 1199060.1/22

asym_sam_1548_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 147.997+/-291.784 χ^2/NDF : 10.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 587.309+/-257.394 χ^2/NDF : 11.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

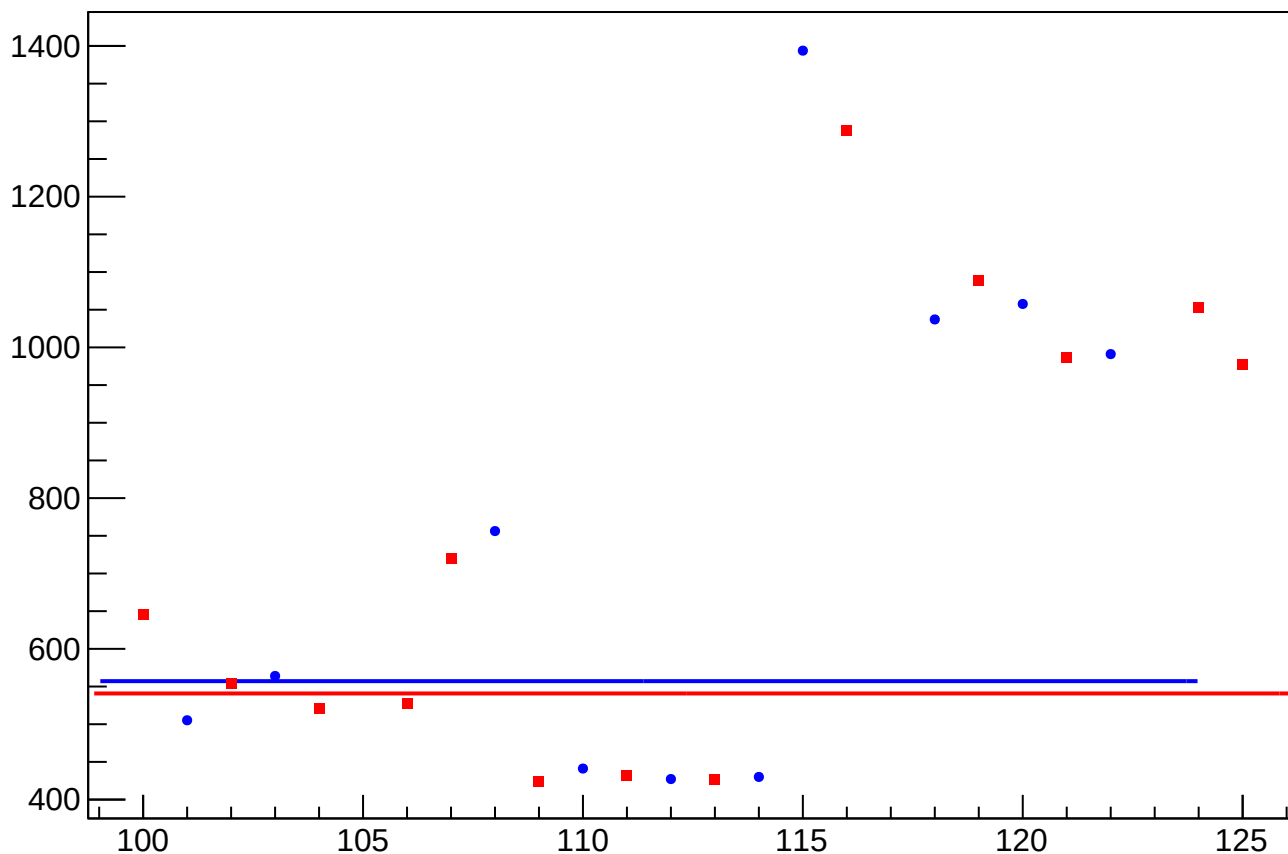
Right: 395.055+/-193.025 χ^2/NDF : 23.2/22

In: 147.997+/-291.784 χ^2/NDF : 10.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 395.055+/-193.025 χ^2/NDF : 23.2/22

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: 540.813+/-0.182 χ^2/NDF : 1102924.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

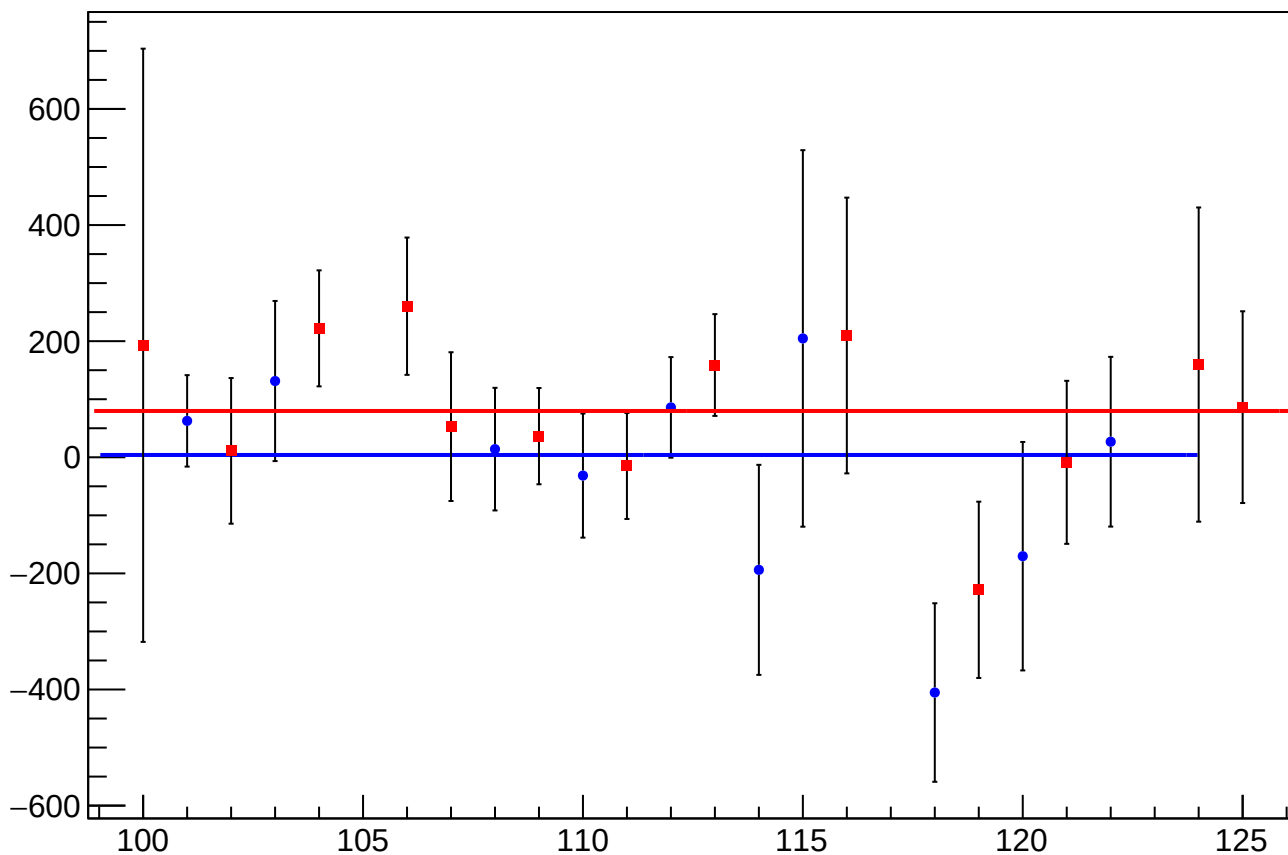
Right: 547.960+/-0.136 χ^2/NDF : 1988664.0/22

In: 557.145+/-0.206 χ^2/NDF : 882215.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 547.960+/-0.136 χ^2/NDF : 1988664.0/22

eigen_cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 3.979+/-38.369 χ^2/NDF : 11.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.761+/-34.142 χ^2/NDF : 11.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

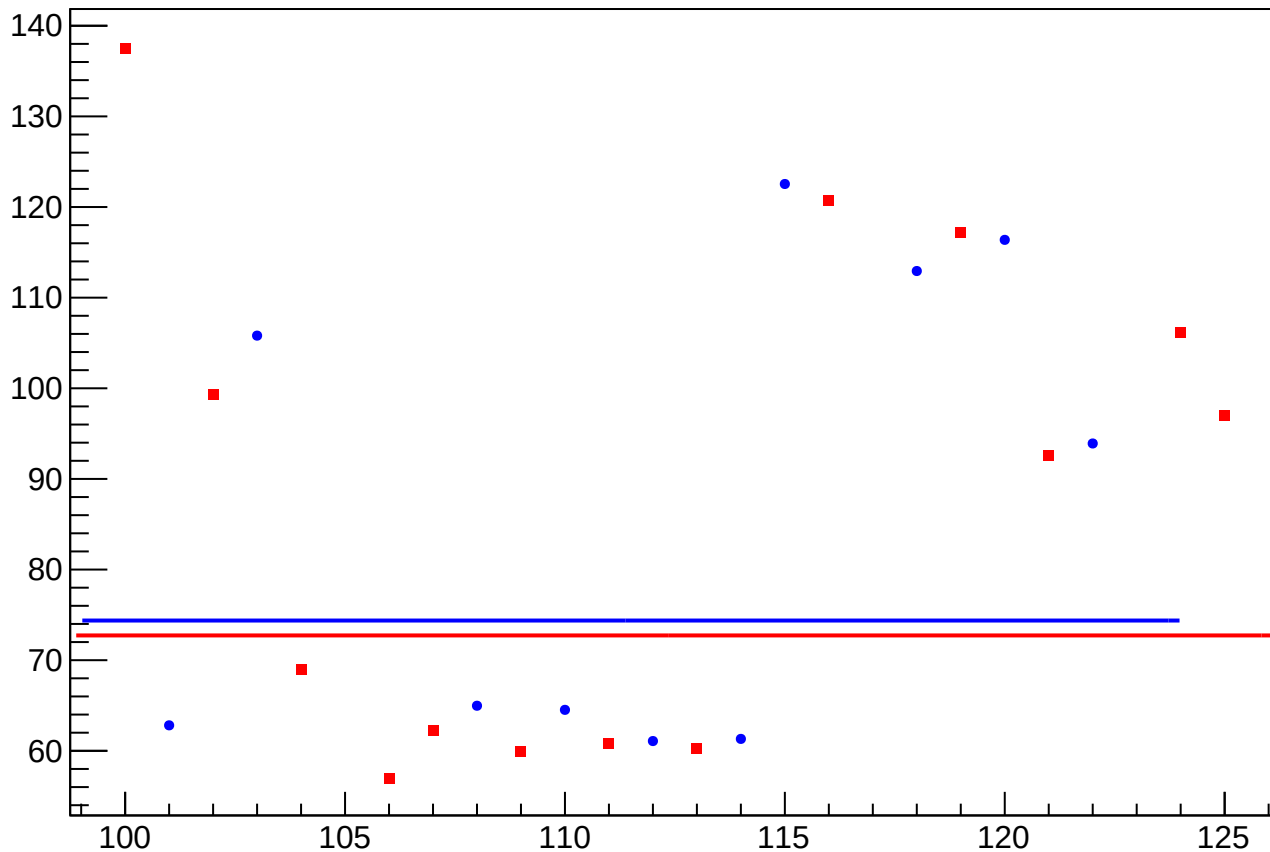
Right: 46.272+/-25.506 χ^2/NDF : 25.9/22

In: 3.979+/-38.369 χ^2/NDF : 11.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.272+/-25.506 χ^2/NDF : 25.9/22

eigen_cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 74.376 $\pm$ 0.027 χ^2 /NDF: 534193.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 72.732 $\pm$ 0.024 χ^2 /NDF: 662817.8/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

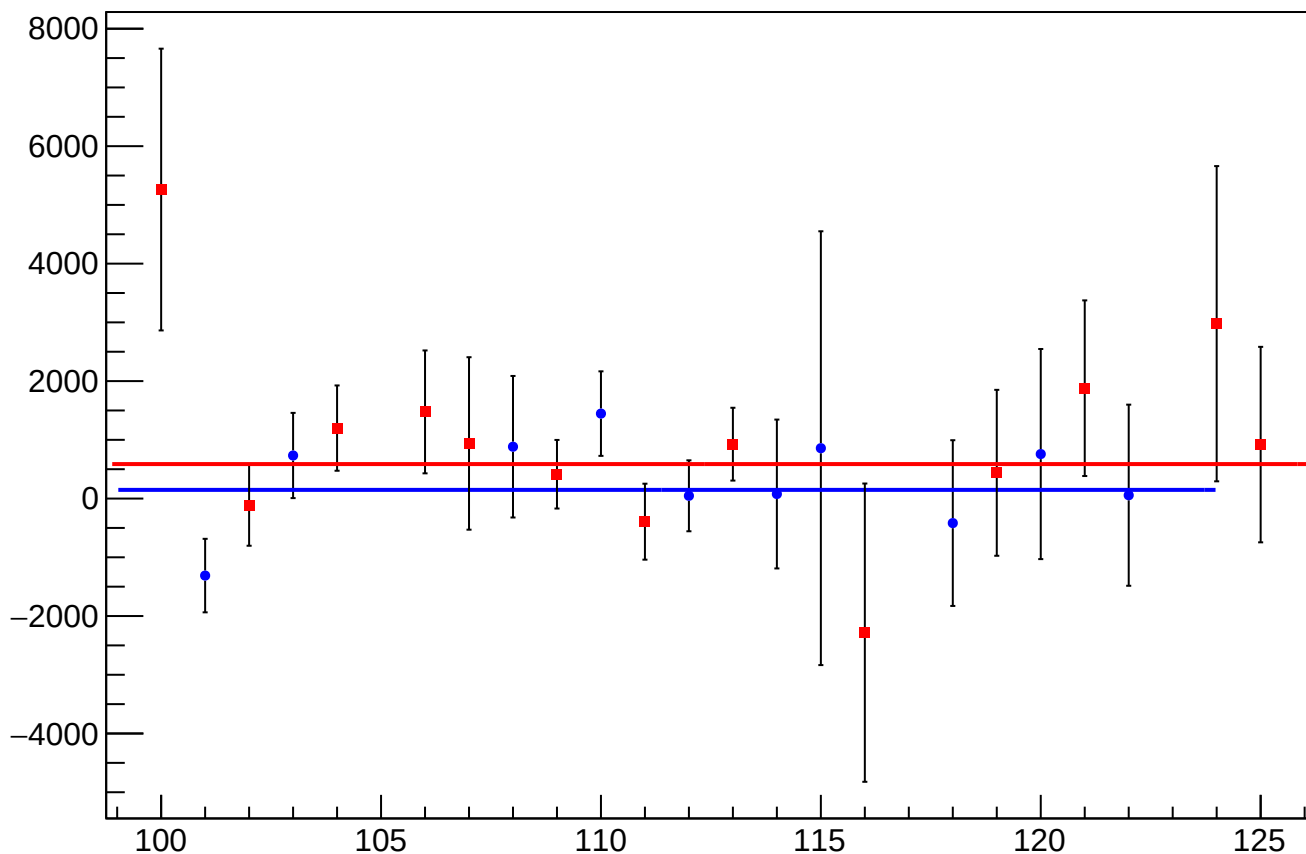
Right: 73.458 $\pm$ 0.018 χ^2 /NDF: 1199060.1/22

In: 74.376 $\pm$ 0.027 χ^2 /NDF:534193.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 73.458 $\pm$ 0.018 χ^2 /NDF: 1199060.1/22

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: 587.309 $\pm$ 257.394 χ^2 /NDF: 11.9/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

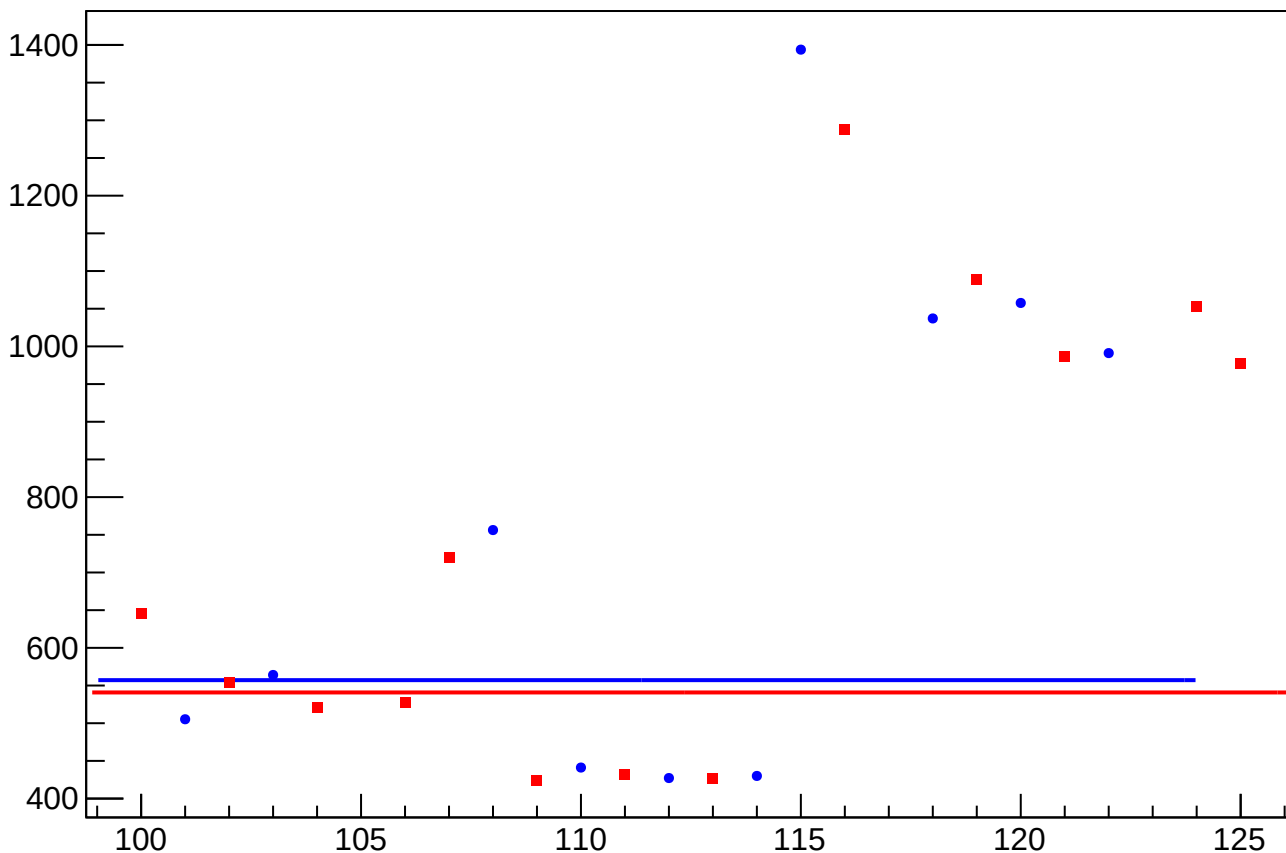
Right: 395.055 $\pm$ 193.025 χ^2 /NDF: 23.2/22

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: 395.055 $\pm$ 193.025 χ^2 /NDF: 23.2/22

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: 540.813+/-0.182 χ^2/NDF : 1102924.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

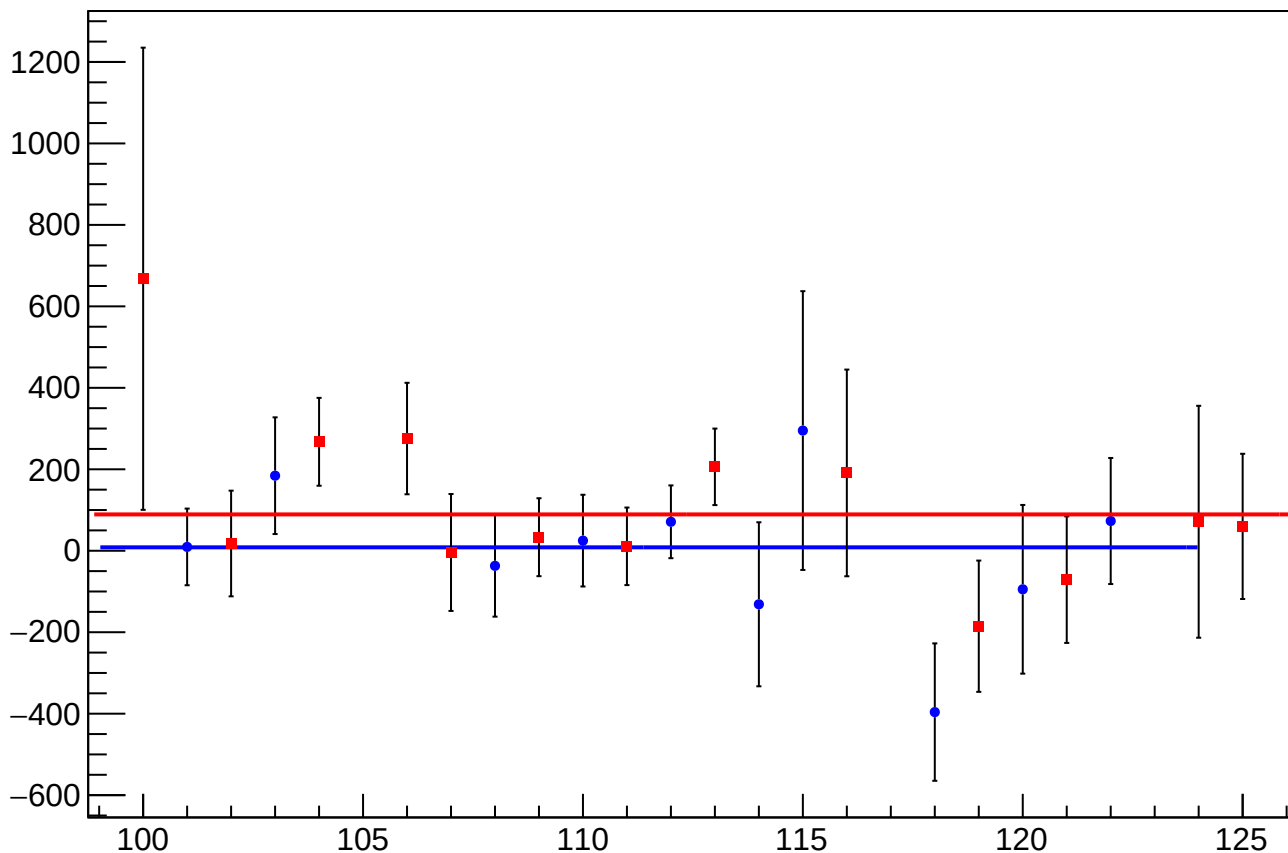
Right: 547.960+/-0.136 χ^2/NDF : 1988664.0/22

In: 557.145+/-0.206 χ^2/NDF : 882215.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 547.960+/-0.136 χ^2/NDF : 1988664.0/22

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: 89.227+/-37.197 χ^2/NDF : 13.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

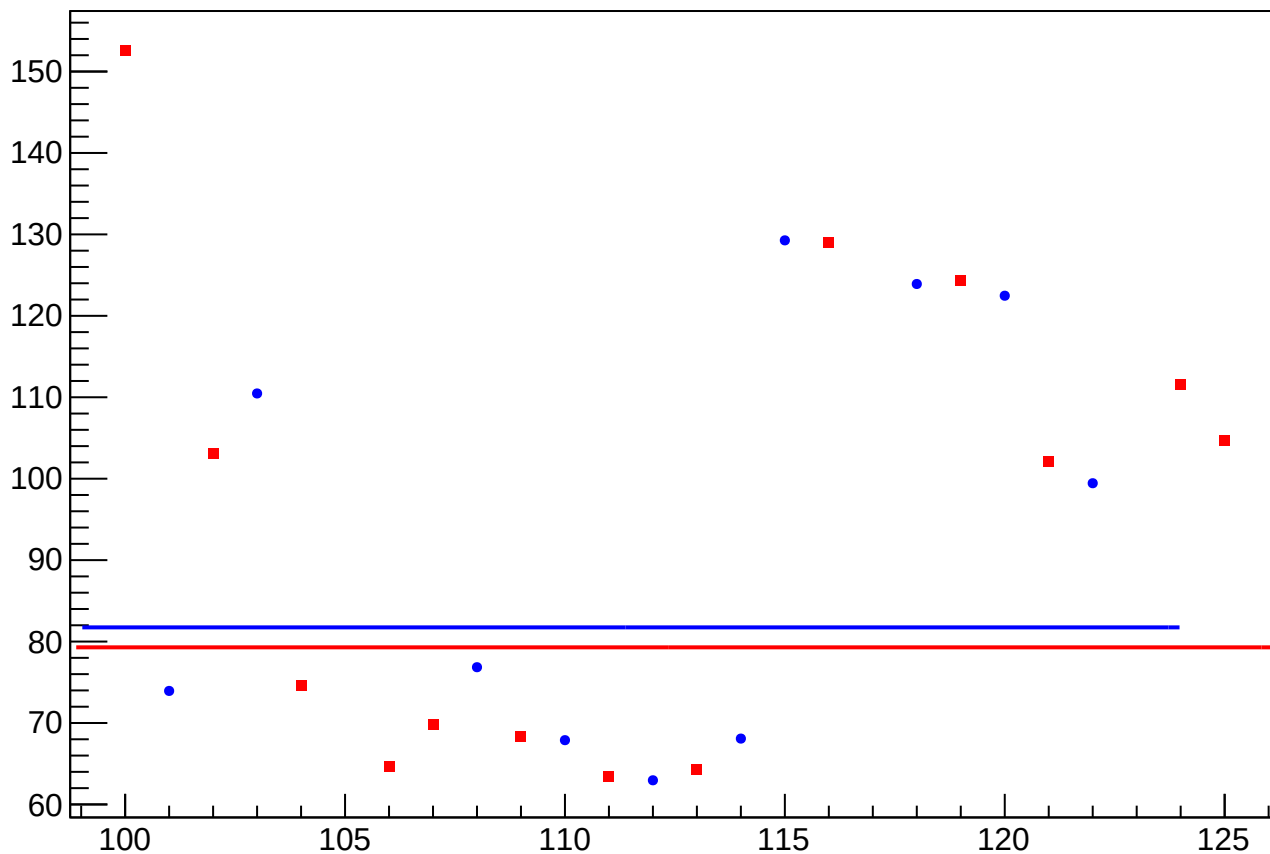
Right: 53.818+/-27.883 χ^2/NDF : 24.7/22

In: 8.400+/-42.128 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.818+/-27.883 χ^2/NDF : 24.7/22

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 81.742 $\pm$ 0.030 χ^2 /NDF: 492153.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 79.290 $\pm$ 0.026 χ^2 /NDF: 610917.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

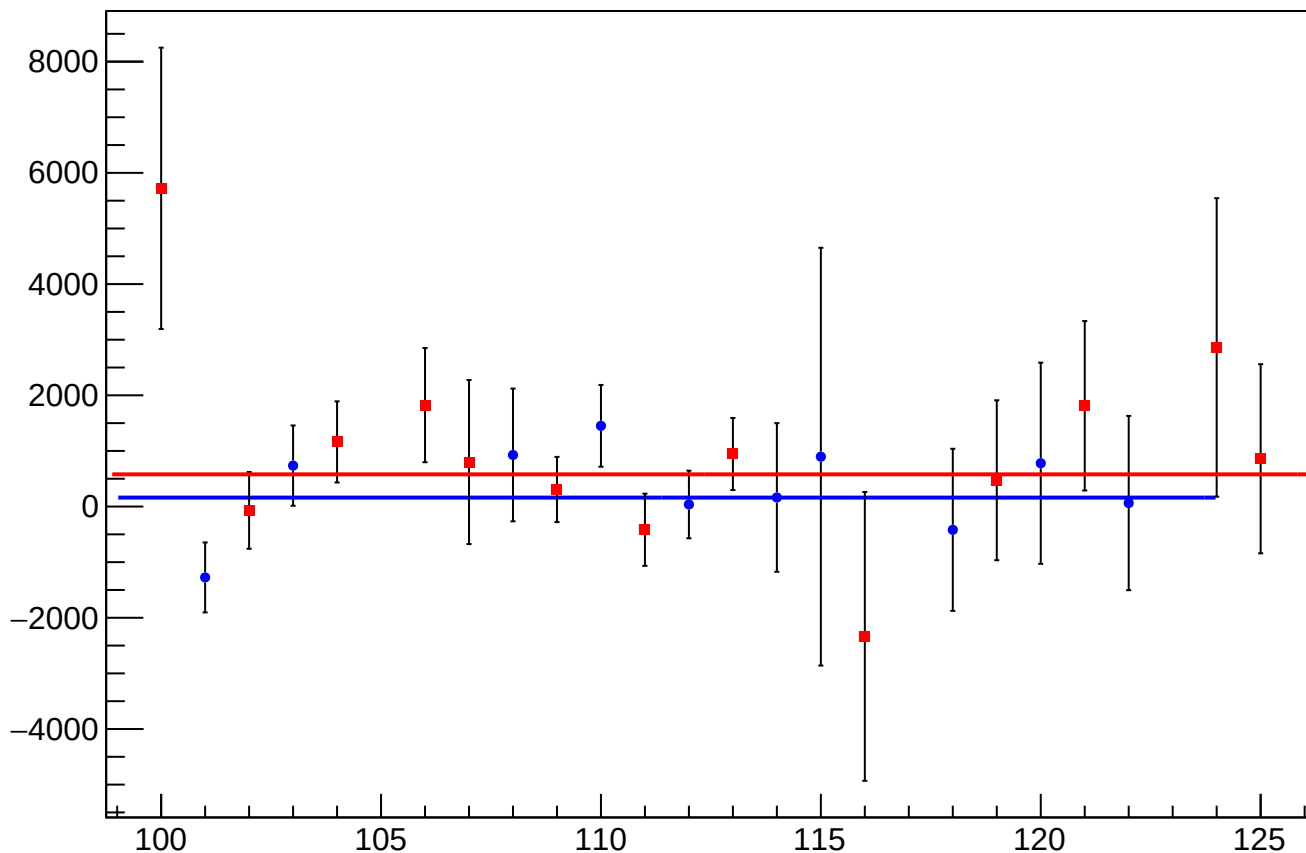
Right: 80.364 $\pm$ 0.020 χ^2 /NDF: 1106878.4/22

In: 81.742 $\pm$ 0.030 χ^2 /NDF:492153.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 80.364 $\pm$ 0.020 χ^2 /NDF: 1106878.4/22

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: 578.848+/-260.315 χ^2/NDF : 12.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

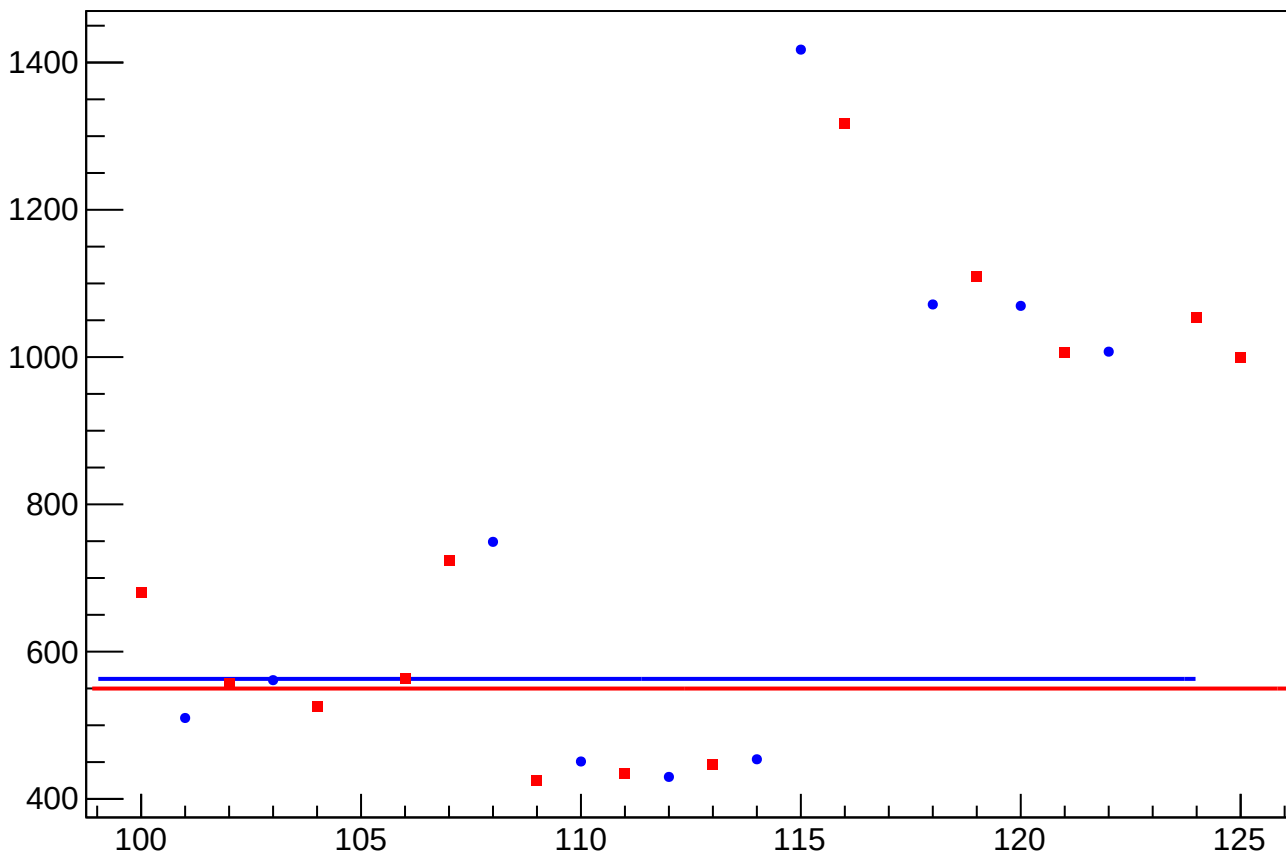
Right: 395.639+/-195.081 χ^2/NDF : 23.5/22

In: 160.939+/-294.633 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 395.639+/-195.081 χ^2/NDF : 23.5/22

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: 549.880+/-0.184 χ^2/NDF : 1107160.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

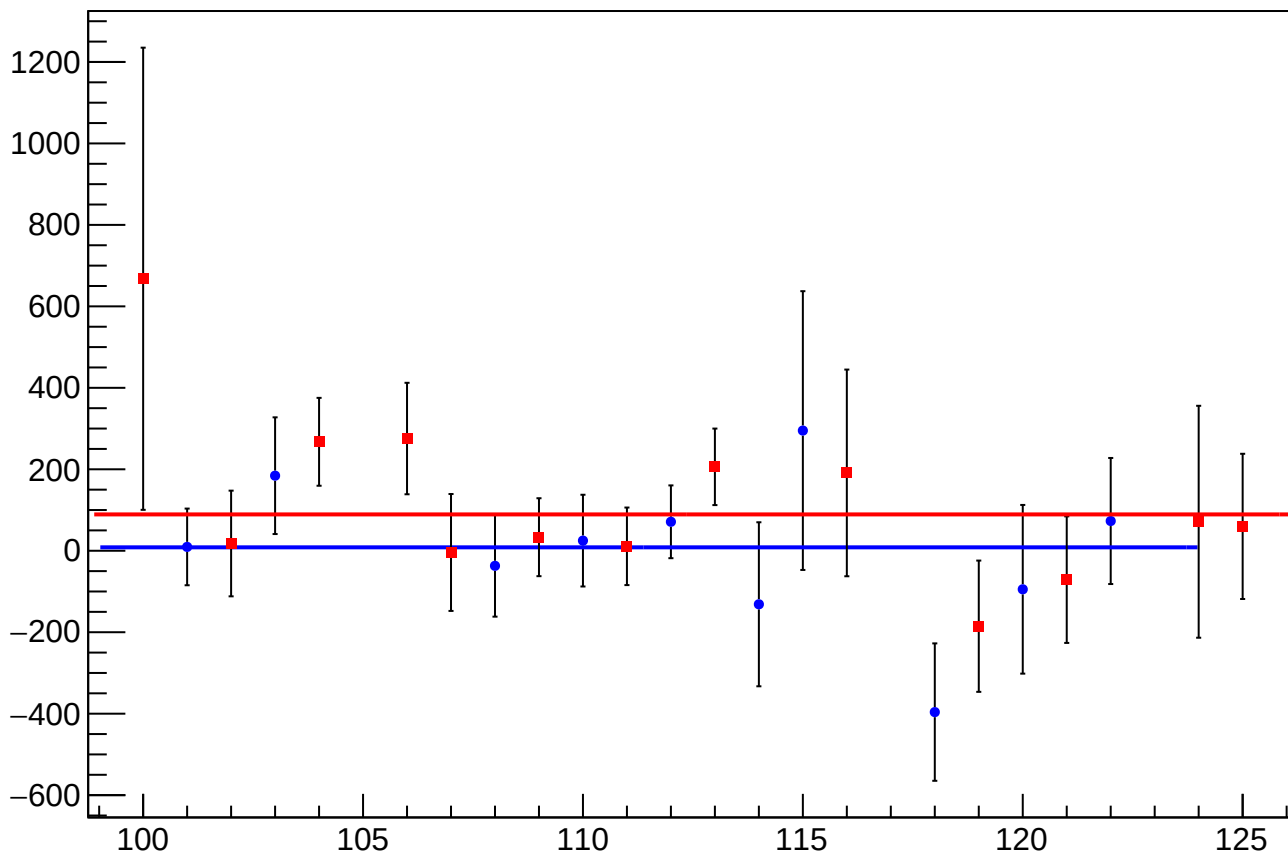
Right: 555.629+/-0.138 χ^2/NDF : 1992764.9/22

In: 562.993+/-0.208 χ^2/NDF : 883380.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 555.629+/-0.138 χ^2/NDF : 1992764.9/22

eigen_dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 8.400 ± 42.128 $\chi^2/\text{NDF}: 9.5/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 89.226 ± 37.197 $\chi^2/\text{NDF}: 13.1/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

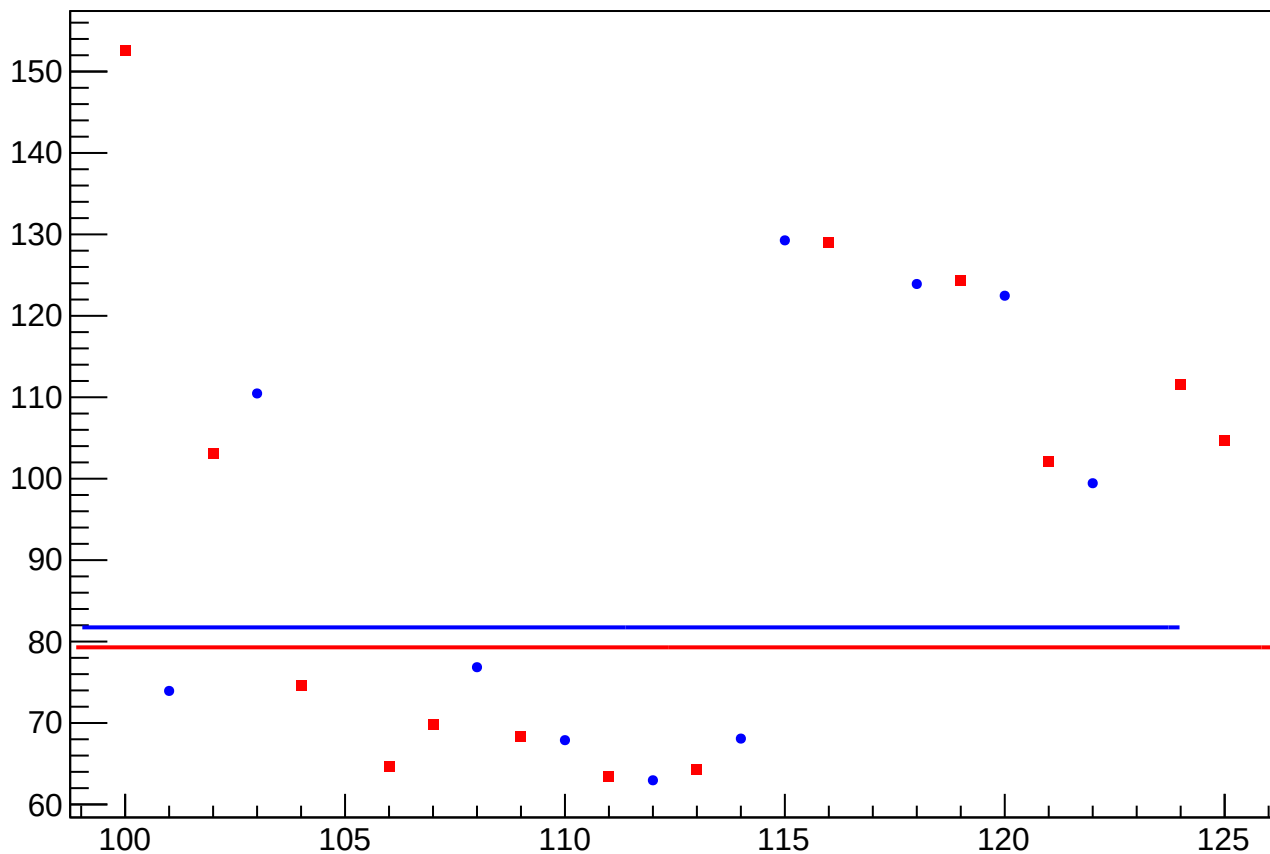
Right: 53.818 ± 27.883 $\chi^2/\text{NDF}: 24.7/22$

In: 8.400 ± 42.128 $\chi^2/\text{NDF}: 9.5/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 53.818 ± 27.883 $\chi^2/\text{NDF}: 24.7/22$

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: 79.290+/-0.026 χ^2/NDF : 610918.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

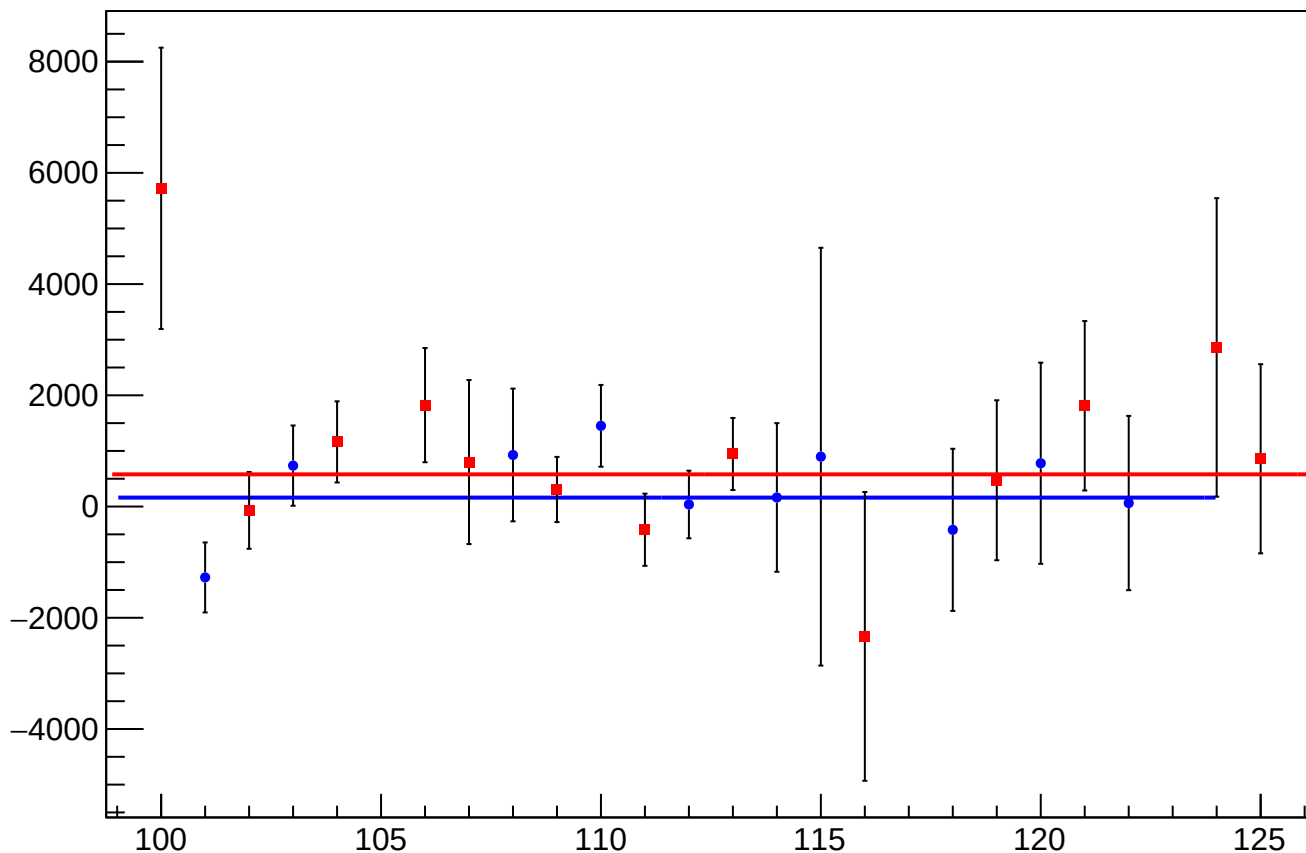
Right: 80.364+/-0.020 χ^2/NDF : 1106882.2/22

In: 81.742+/-0.030 χ^2/NDF : 492155.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.364+/-0.020 χ^2/NDF : 1106882.2/22

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: 578.847 $\pm$ 260.314 χ^2 /NDF: 12.7/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

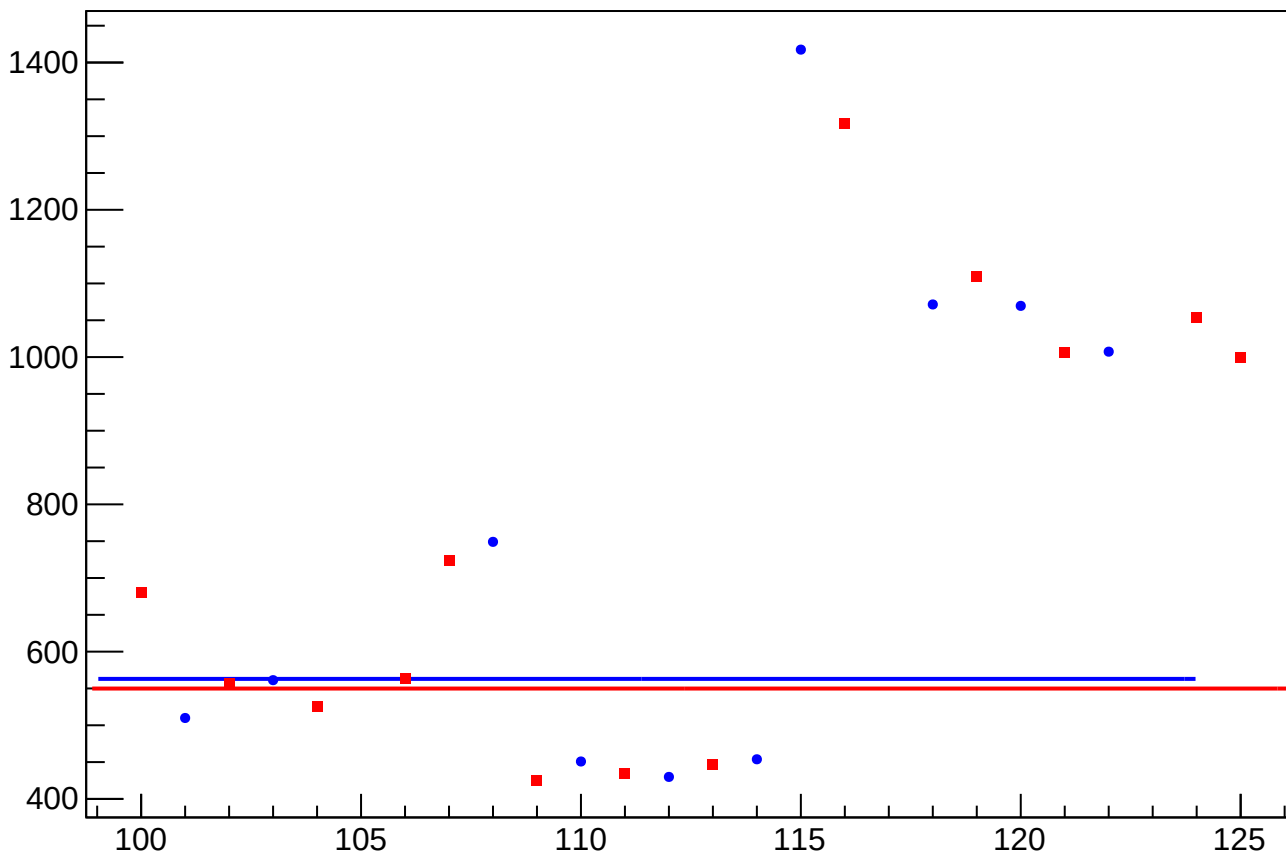
Right: 395.638 $\pm$ 195.080 χ^2 /NDF: 23.5/22

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: 395.638 $\pm$ 195.080 χ^2 /NDF: 23.5/22

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: 549.880+/-0.184 χ^2/NDF : 1107162.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

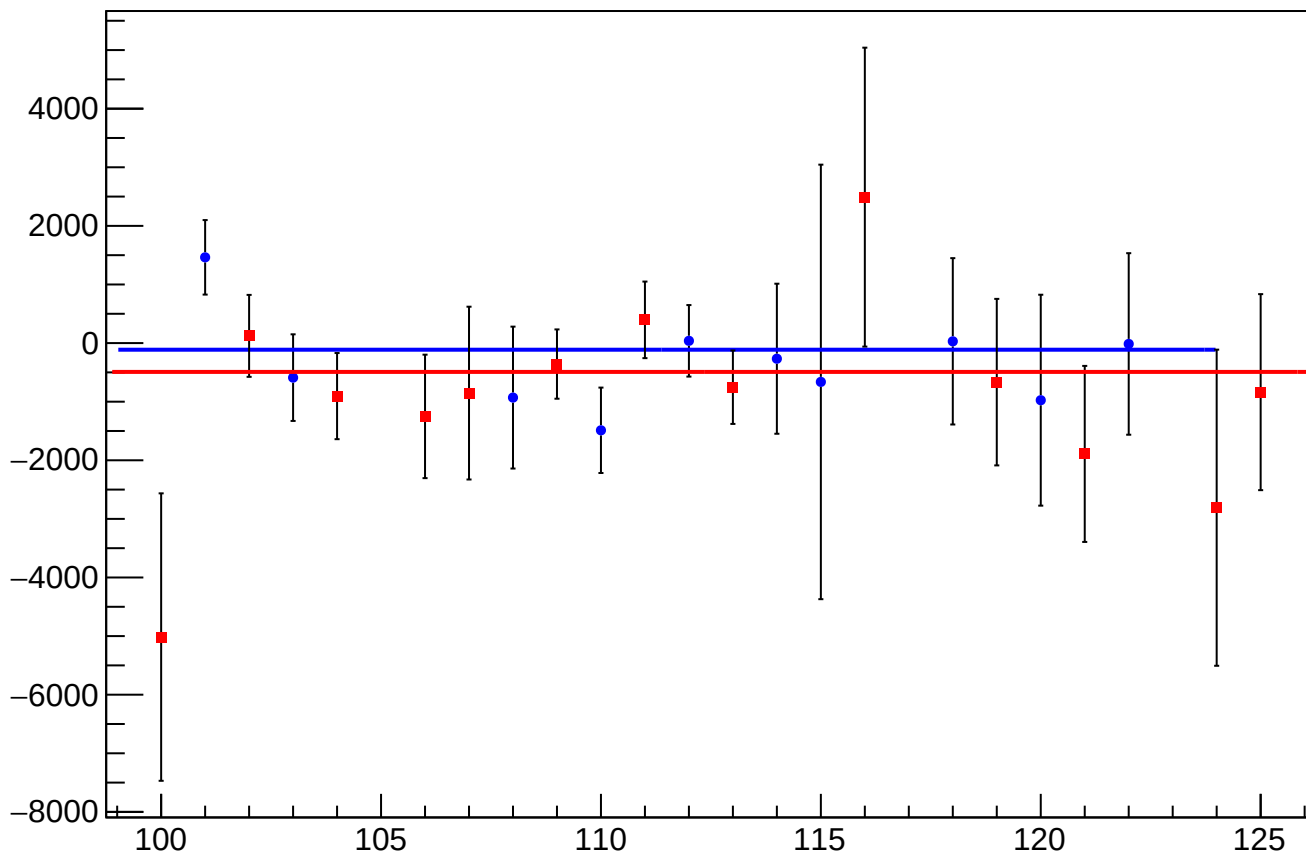
Right: 555.628+/-0.138 χ^2/NDF : 1992771.1/22

In: 562.993+/-0.208 χ^2/NDF : 883383.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 555.628+/-0.138 χ^2/NDF : 1992771.1/22

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: -491.882+/-260.280 χ^2/NDF : 10.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

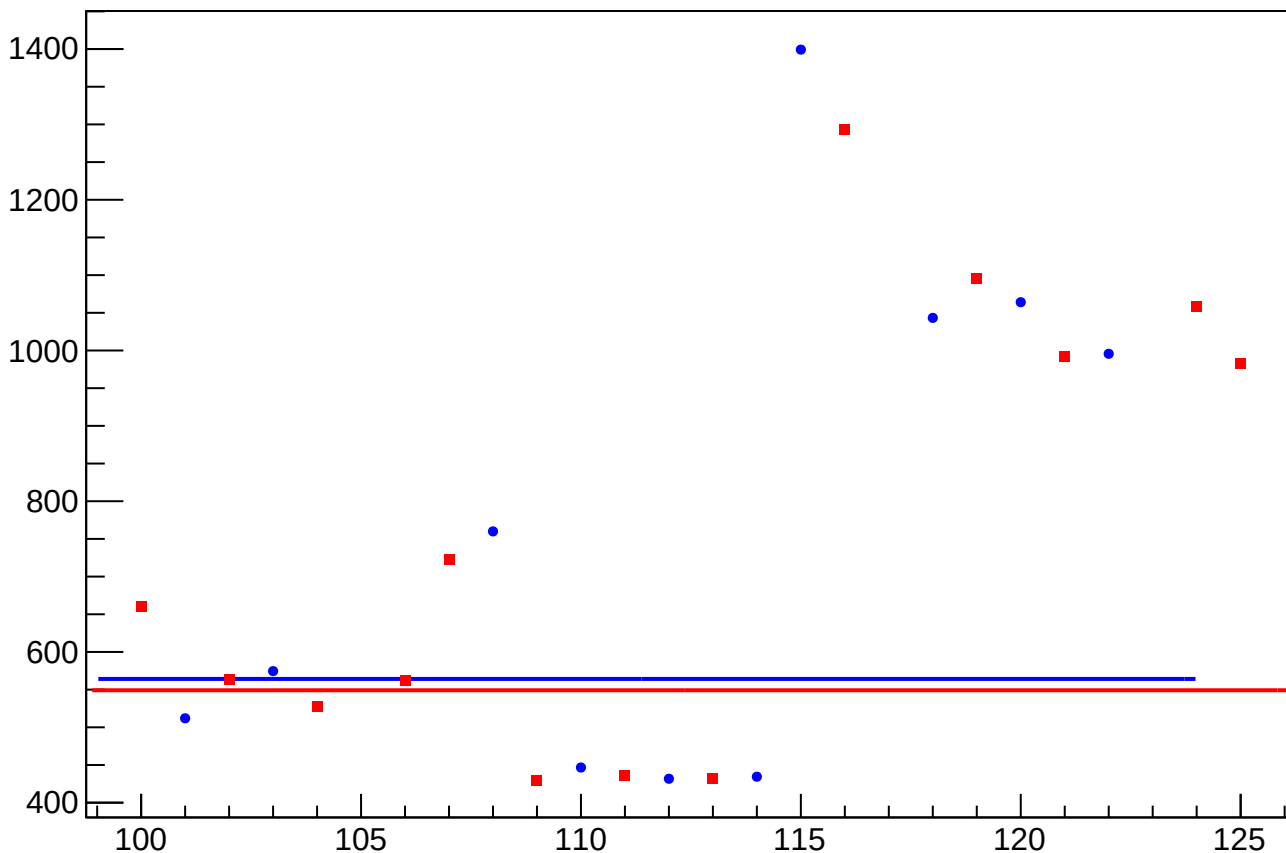
Right: -326.355+/-195.289 χ^2/NDF : 22.0/22

In: -113.140+/-295.404 χ^2/NDF : 10.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -326.355+/-195.289 χ^2/NDF : 22.0/22

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: 549.162+/-0.184 χ^2/NDF : 1091129.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

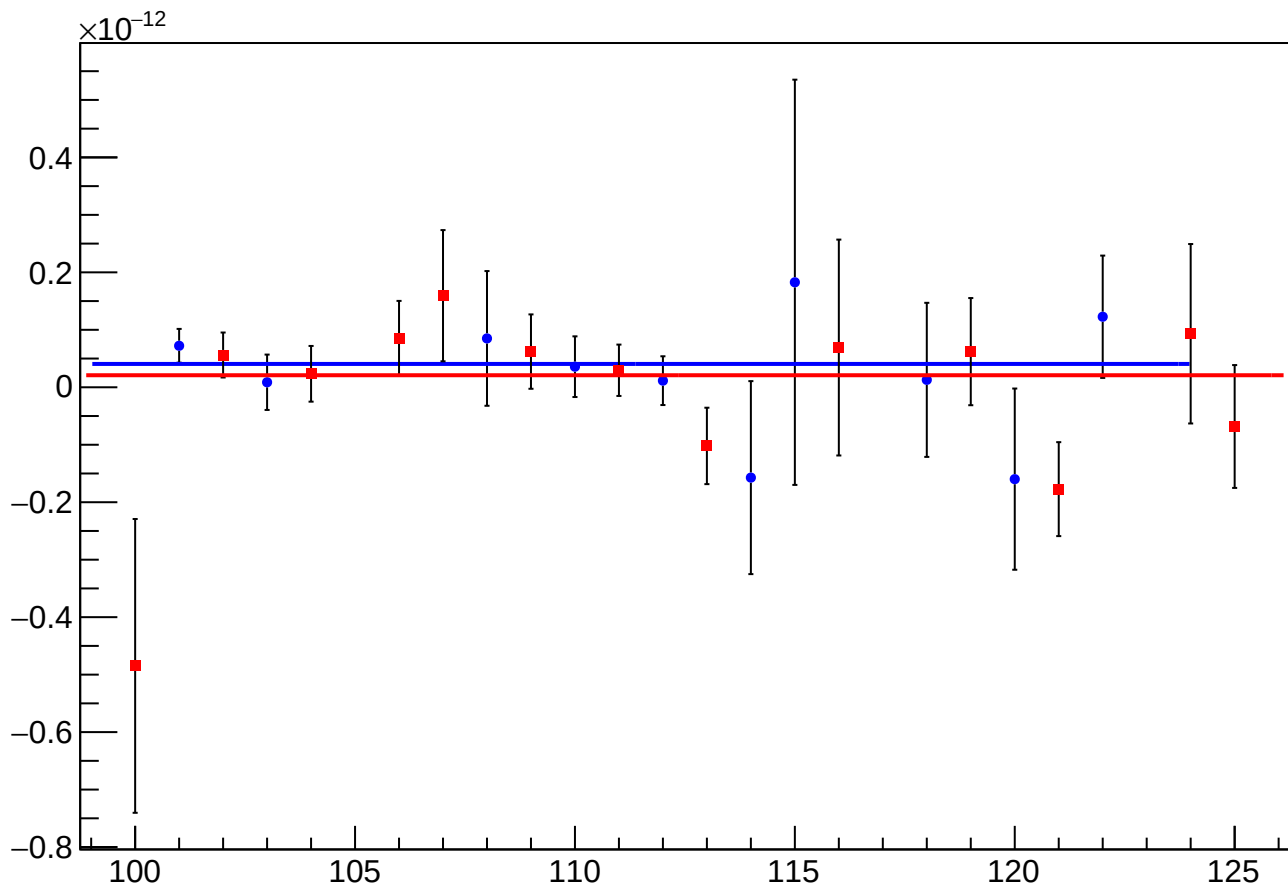
Right: 555.730+/-0.138 χ^2/NDF : 1965838.1/22

In: 564.191+/-0.209 χ^2/NDF : 871793.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 555.730+/-0.138 χ^2/NDF : 1965838.1/22

asym_sam_1548_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.1/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

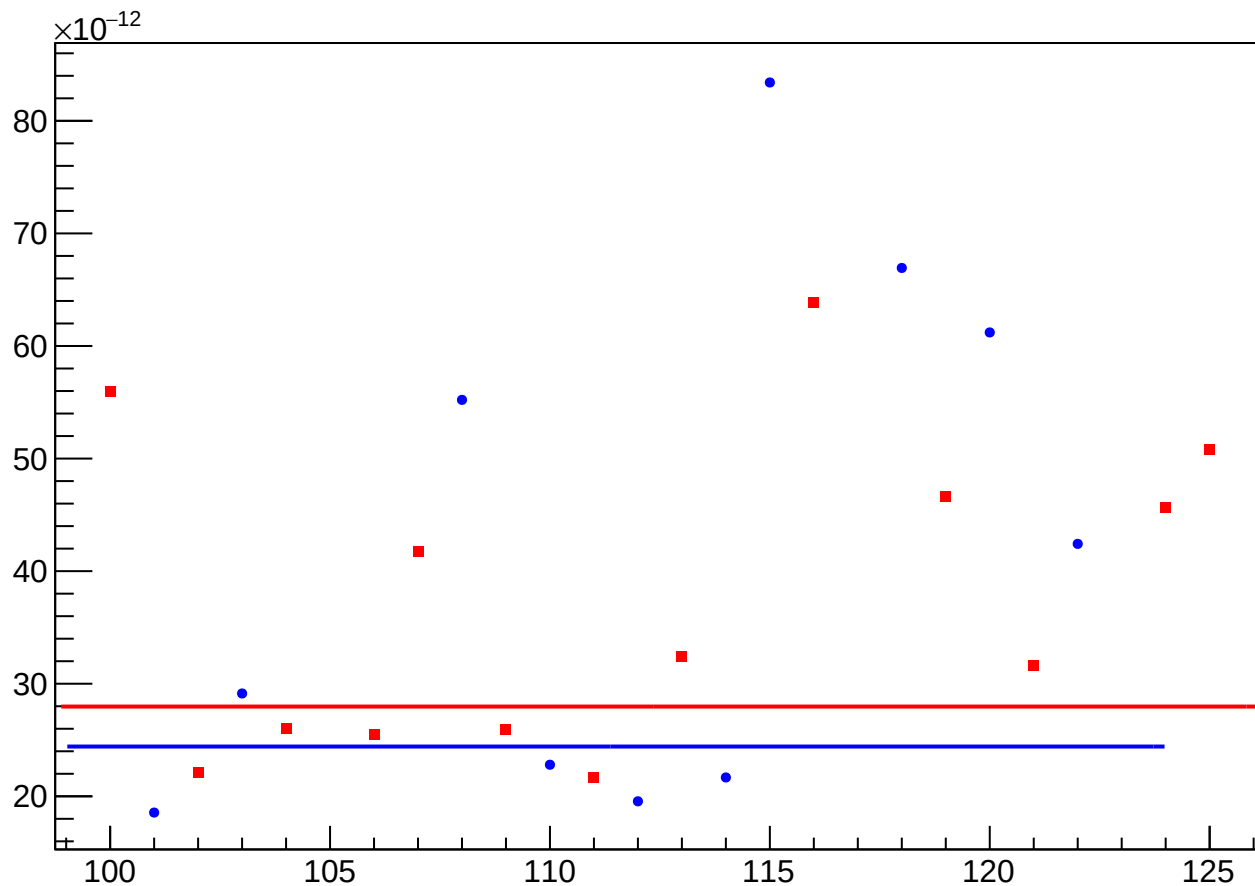
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 24.6/22

In: 0.000 $\pm$ 0.000 χ^2 /NDF:6.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 24.6/22

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 : 429094.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

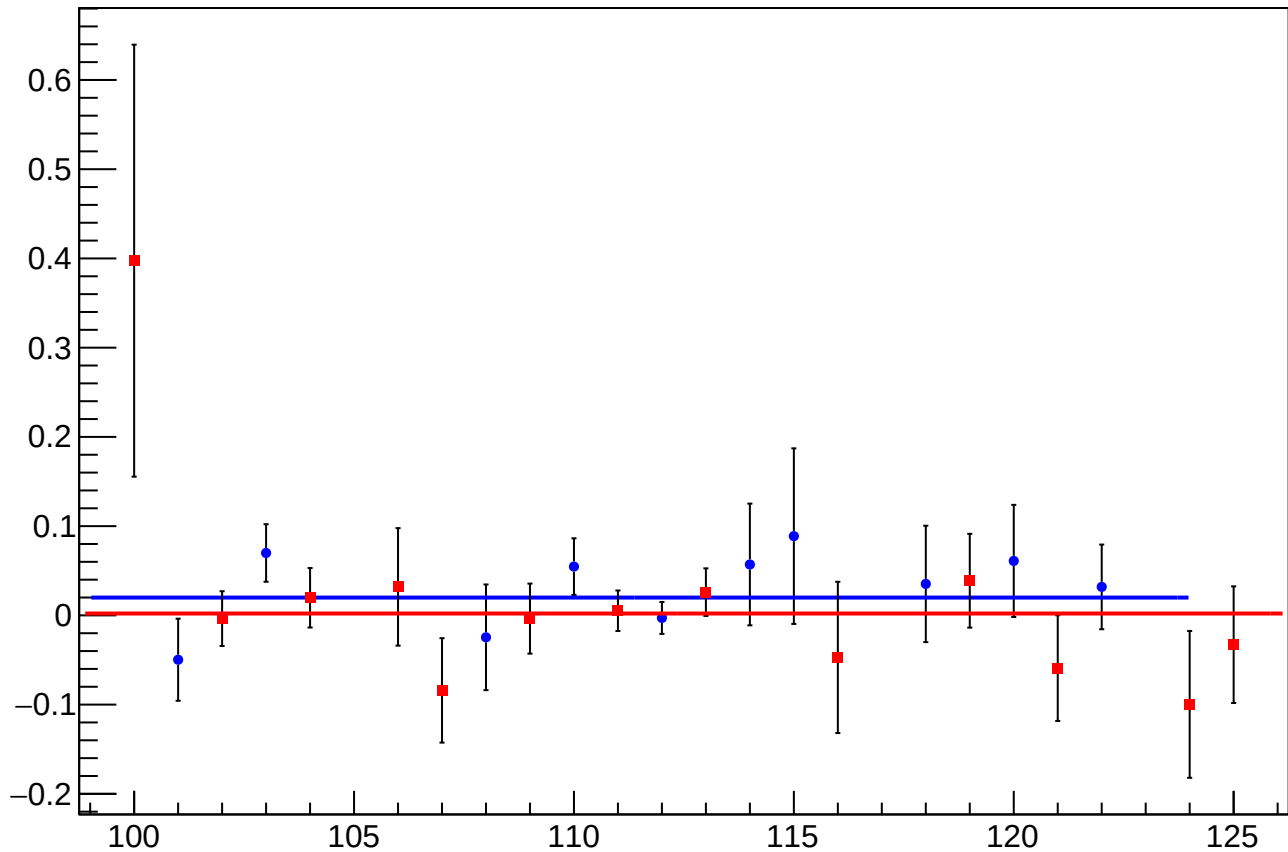
Right: 0.000+/-0.000 χ^2/NDF : 1153370.8/22

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 : 1153370.8/22

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: 0.002+/-0.011 χ^2/NDF : 9.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

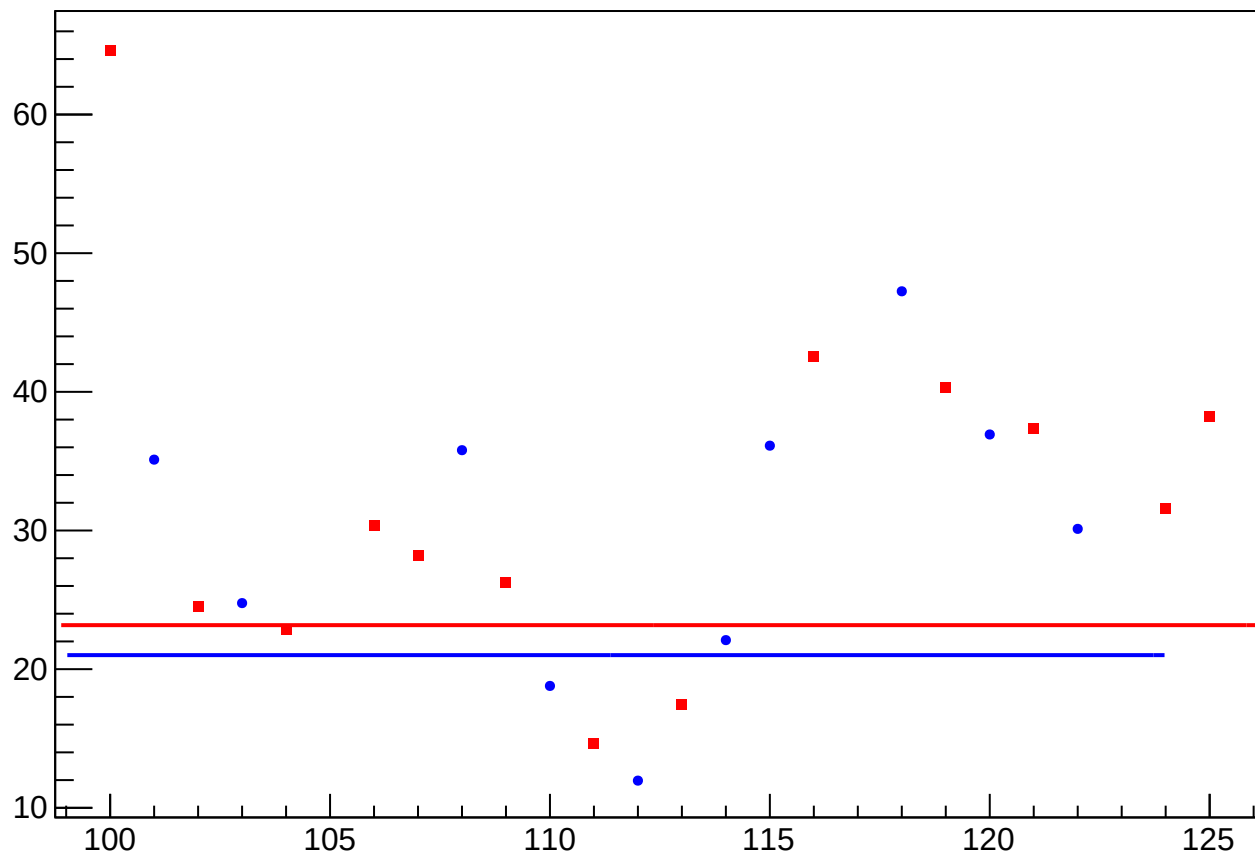
Right: 0.011+/-0.008 χ^2/NDF : 20.5/22

In: 0.020+/-0.012 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.008 χ^2/NDF : 20.5/22

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: 23.174+/-0.008 χ^2/NDF : 1048460.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

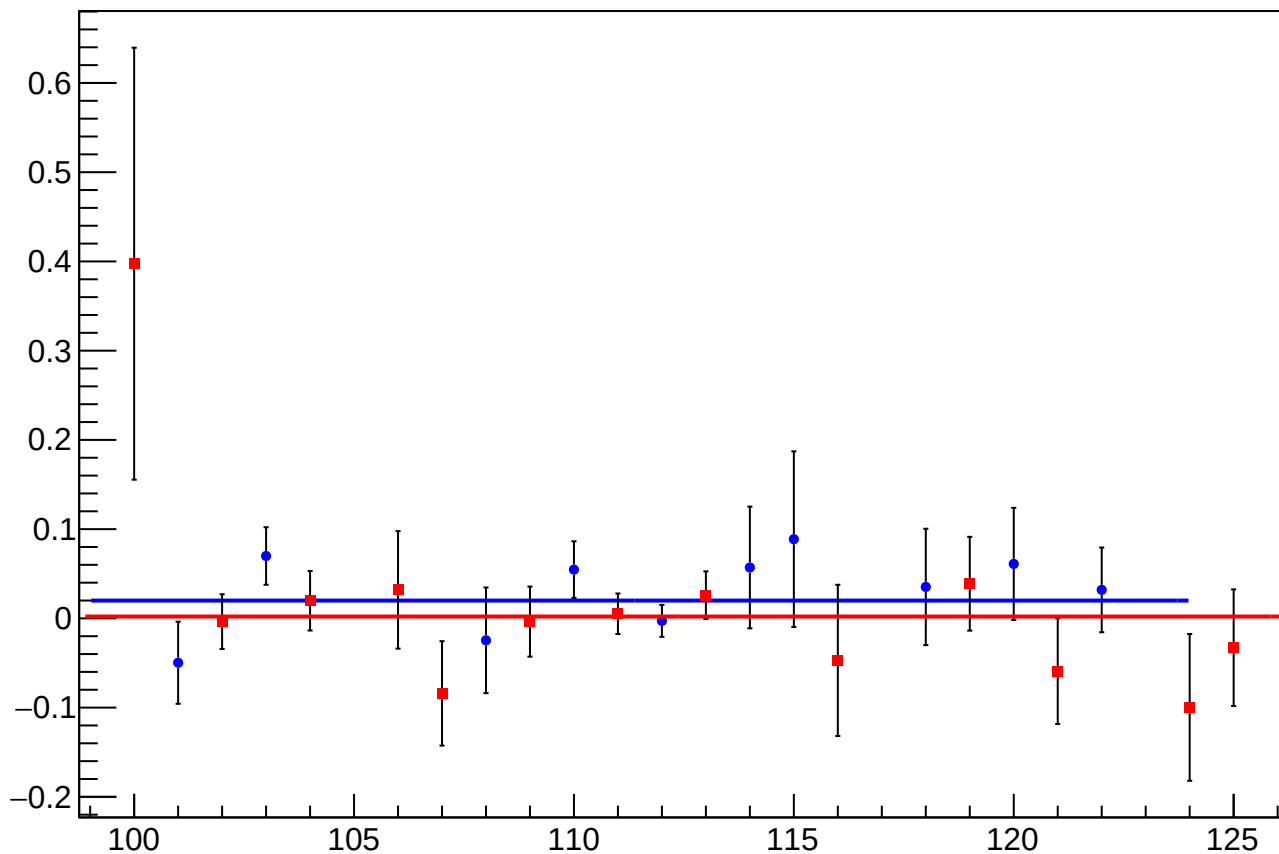
Right: 22.135+/-0.006 χ^2/NDF : 2518234.4/22

In: 21.013+/-0.008 χ^2/NDF :1435339.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22.135+/-0.006 χ^2/NDF : 2518234.4/22

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: 0.002+/-0.011 χ^2/NDF : 9.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

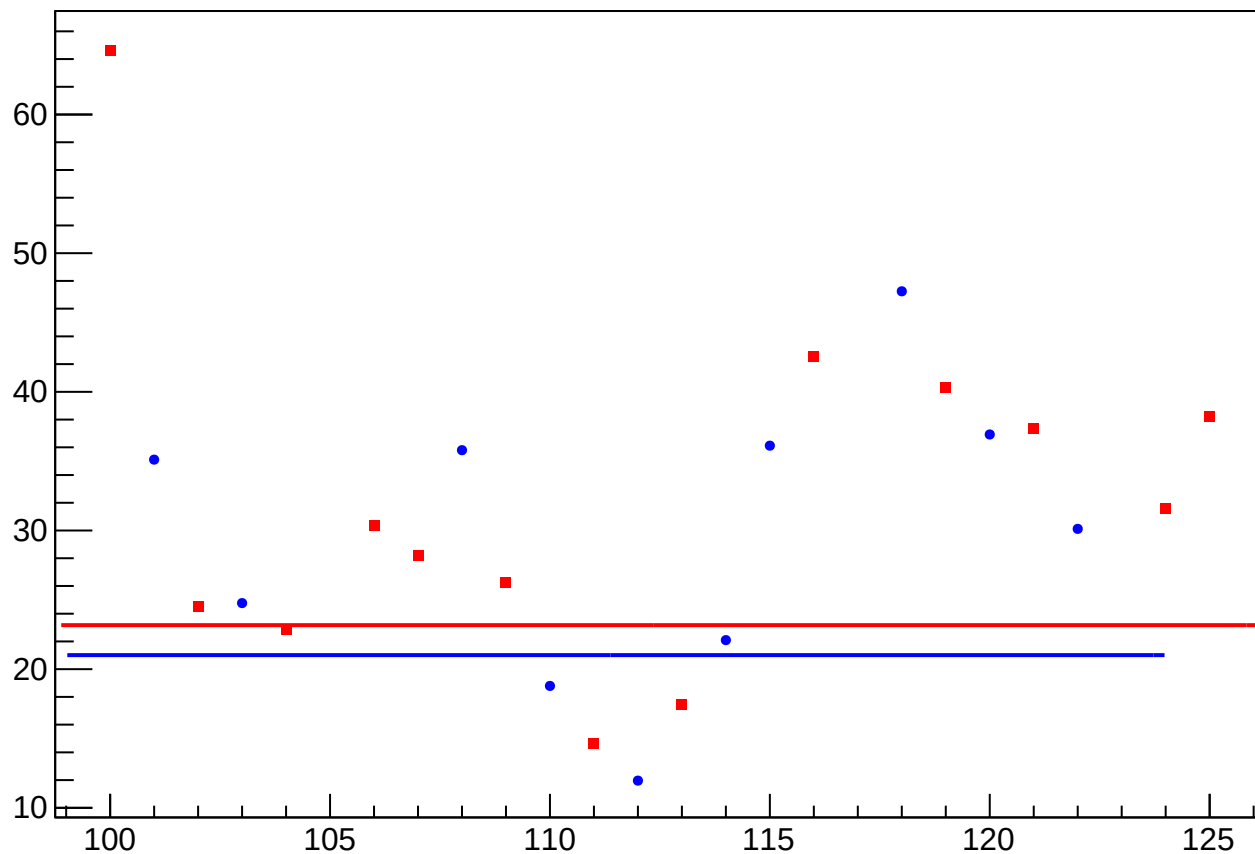
Right: 0.011+/-0.008 χ^2/NDF : 20.5/22

In: 0.020+/-0.012 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.008 χ^2/NDF : 20.5/22

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: 23.174+/-0.008 χ^2/NDF : 1048460.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

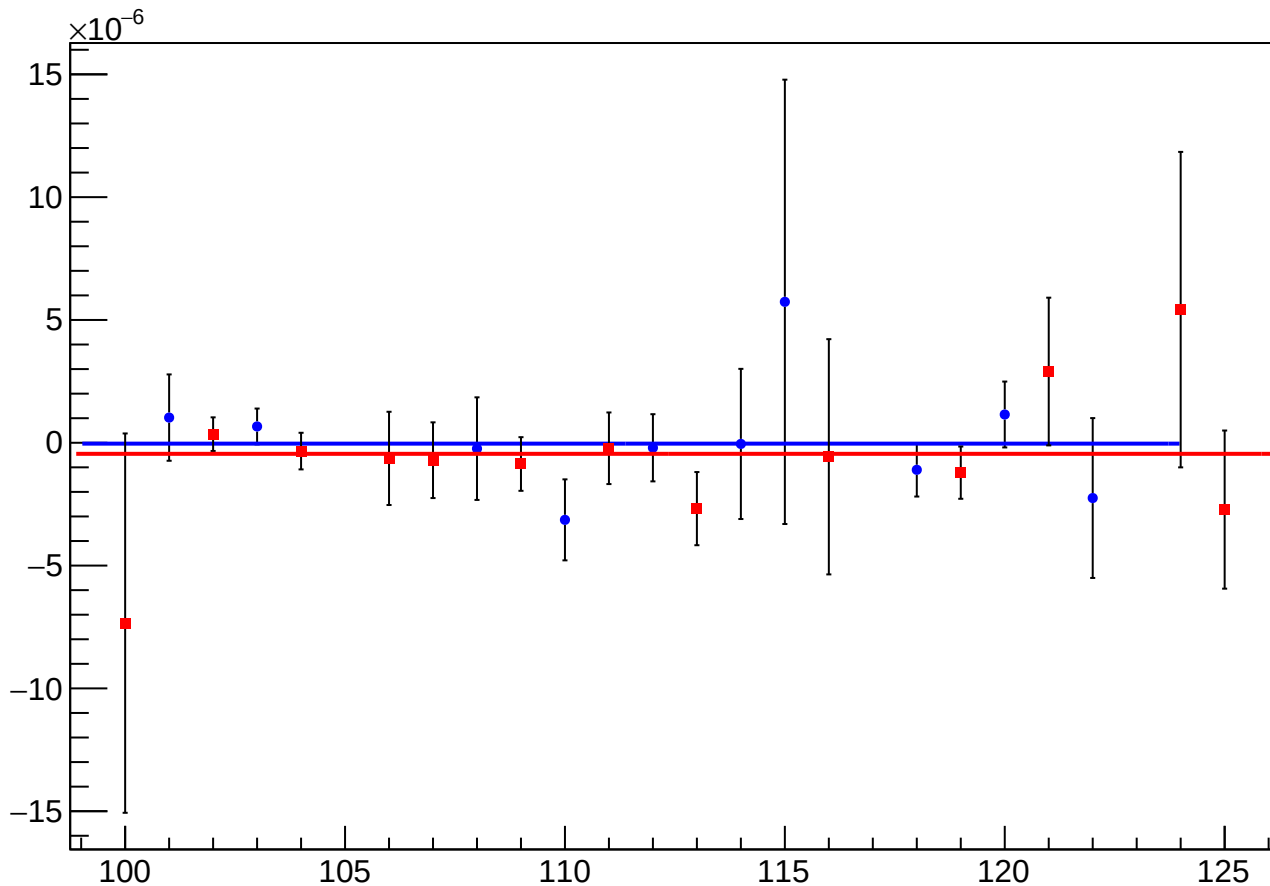
Right: 22.135+/-0.006 χ^2/NDF : 2518234.4/22

In: 21.013+/-0.008 χ^2/NDF :1435339.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22.135+/-0.006 χ^2/NDF : 2518234.4/22

asym_sam_1548_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 7.5/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 7.7/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

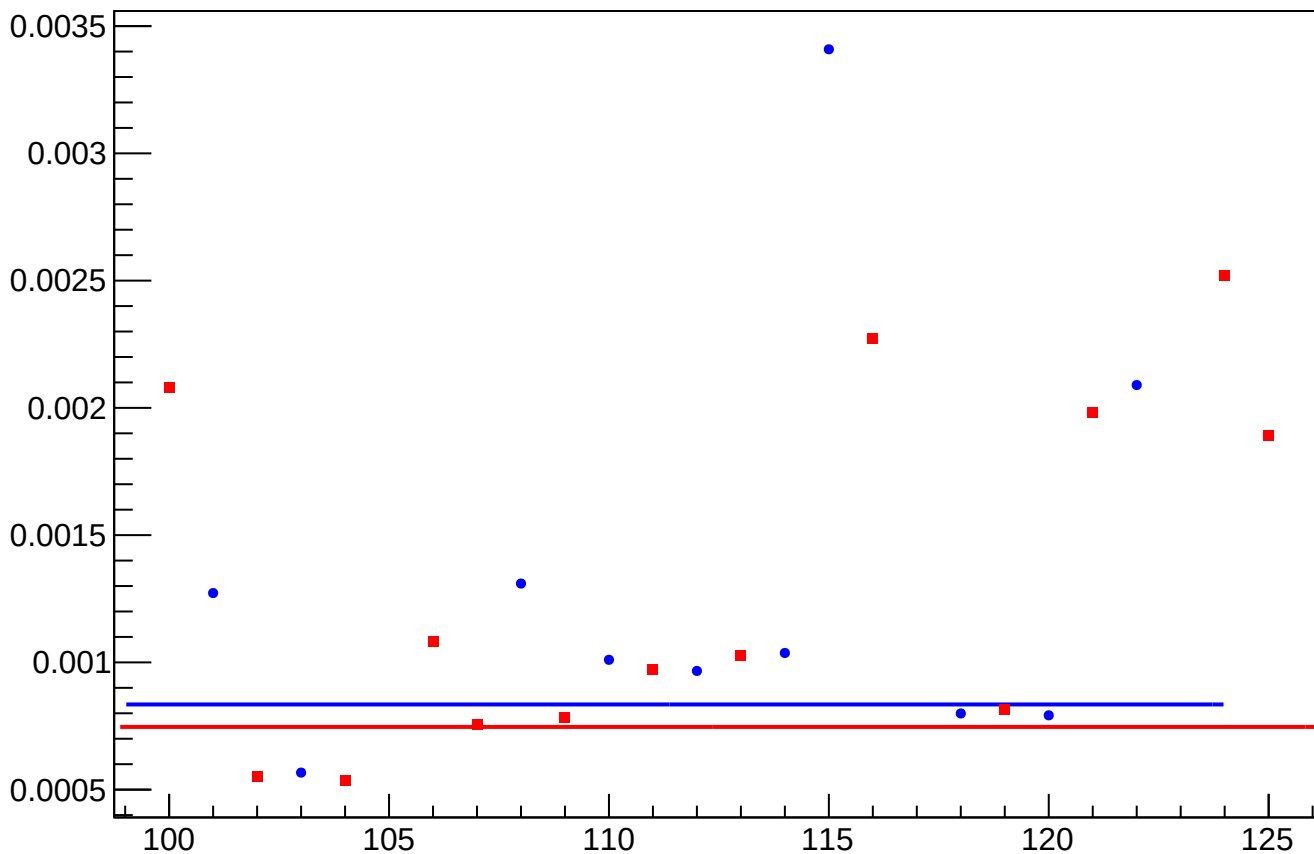
Right: -0.000+/-0.000 χ^2 /NDF: 15.7/22

In: -0.000+/-0.000 χ^2 /NDF:7.5/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 15.7/22

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 : 1522435.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

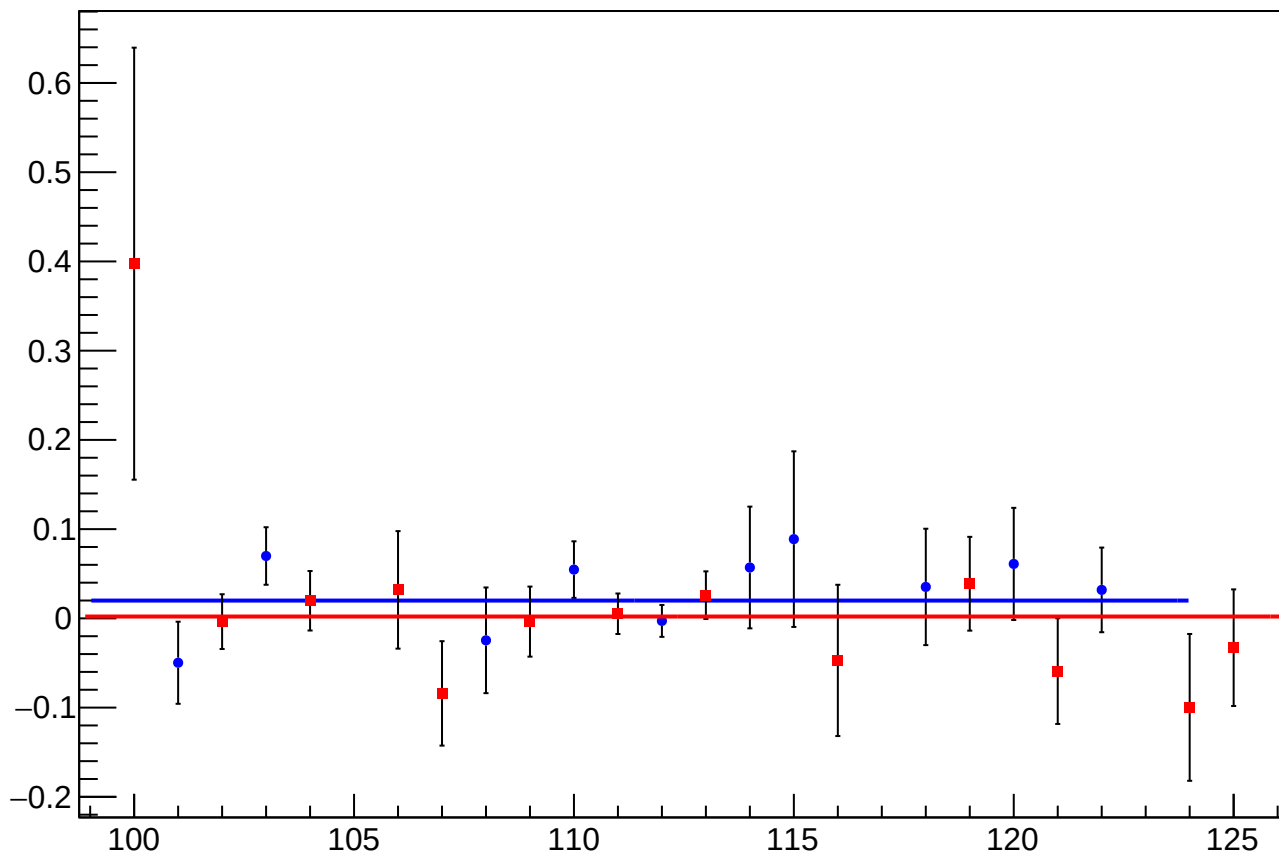
Right: 0.001+/-0.000 χ^2/NDF : 2579828.0/22

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 : 2579828.0/22

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: 0.002+/-0.011 χ^2/NDF : 9.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

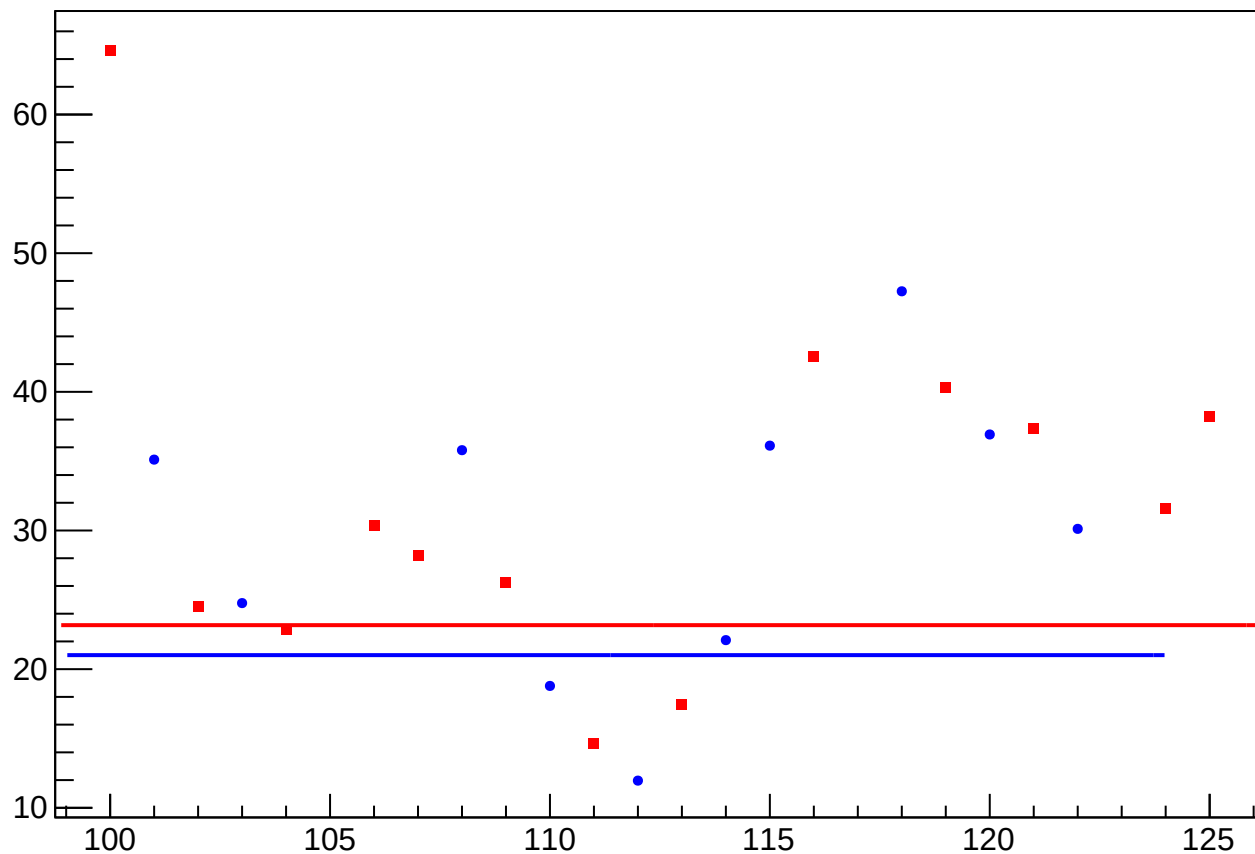
Right: 0.011+/-0.008 χ^2/NDF : 20.5/22

In: 0.020+/-0.012 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.008 χ^2/NDF : 20.5/22

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: 23.174+/-0.008 χ^2/NDF : 1048555.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

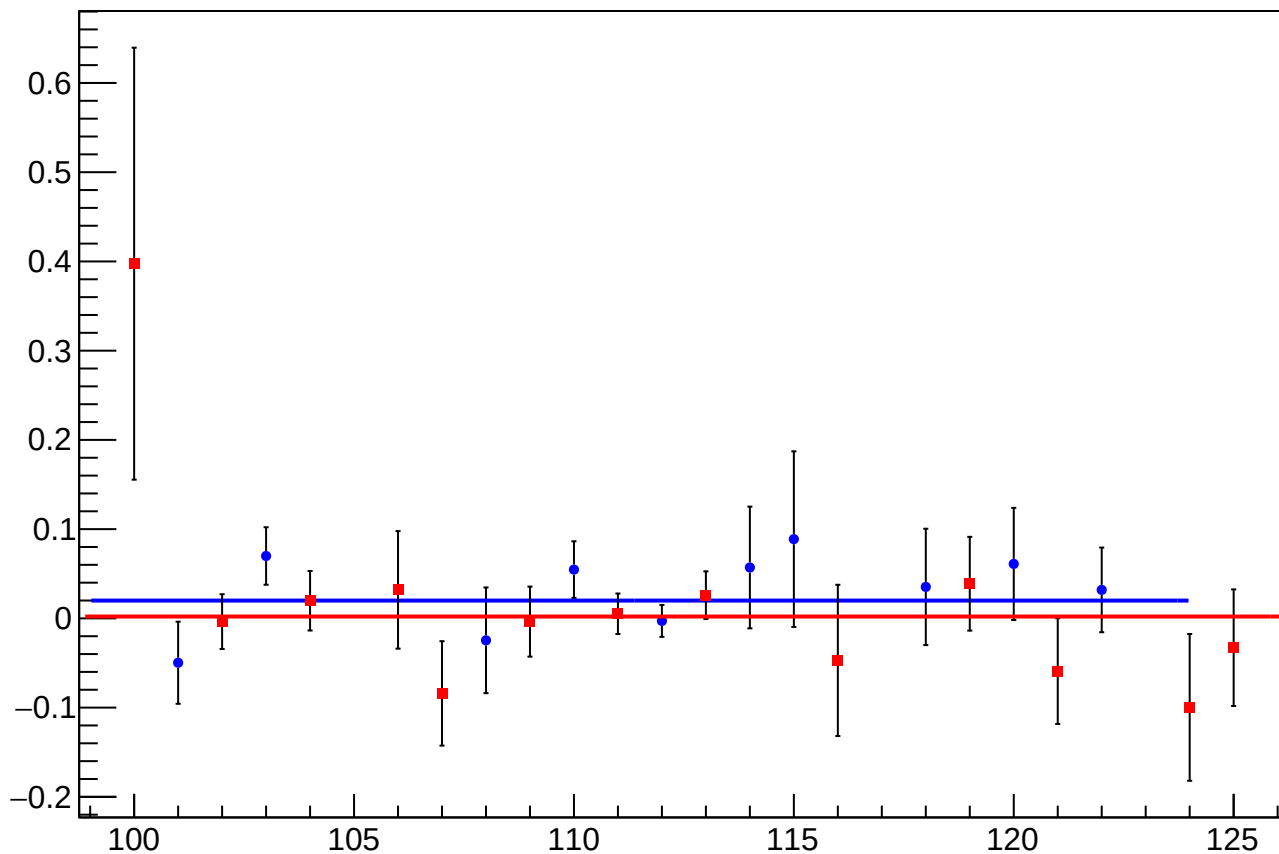
Right: 22.135+/-0.006 χ^2/NDF : 2518451.2/22

In: 21.012+/-0.008 χ^2/NDF :1435455.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22.135+/-0.006 χ^2/NDF : 2518451.2/22

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: 0.002+/-0.011 χ^2/NDF : 9.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

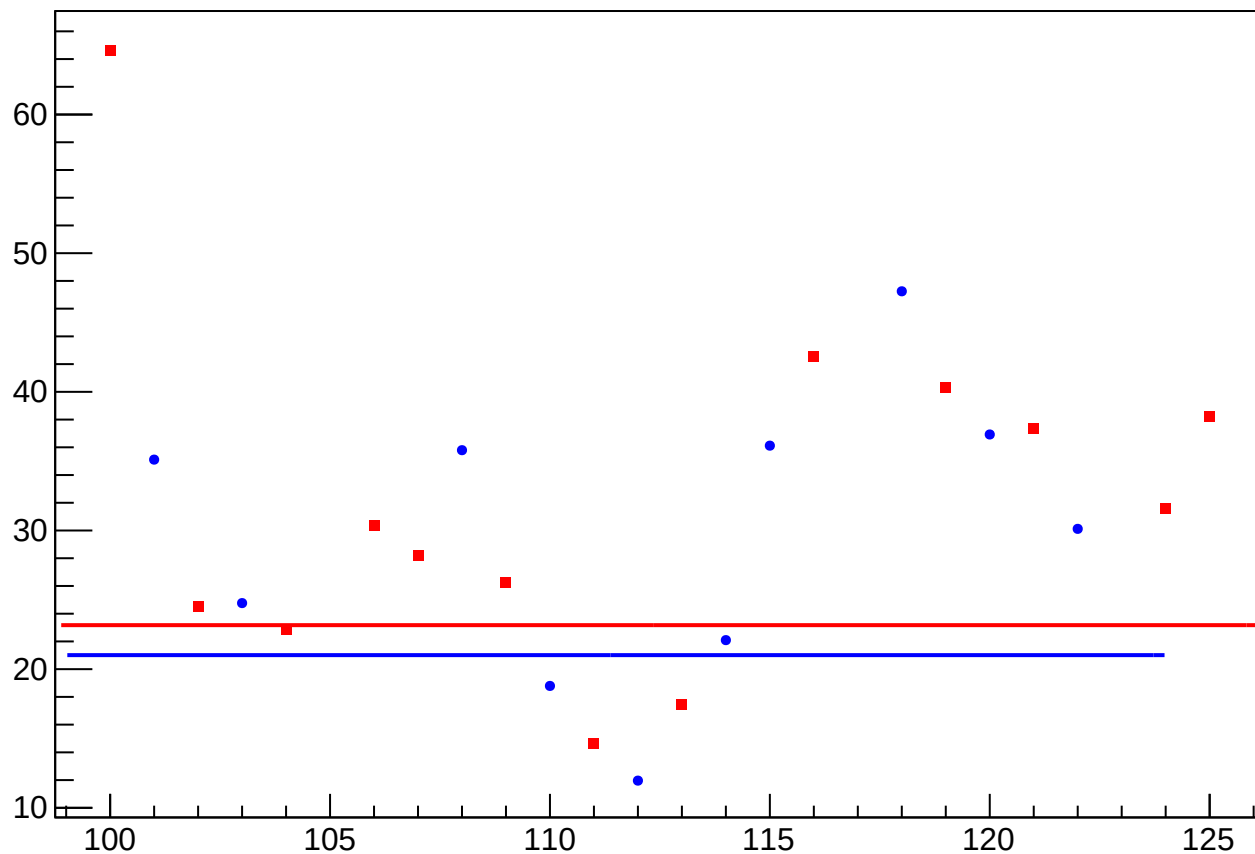
Right: 0.011+/-0.008 χ^2/NDF : 20.5/22

In: 0.020+/-0.012 χ^2/NDF :9.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.008 χ^2/NDF : 20.5/22

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: 23.174+/-0.008 χ^2/NDF : 1048555.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

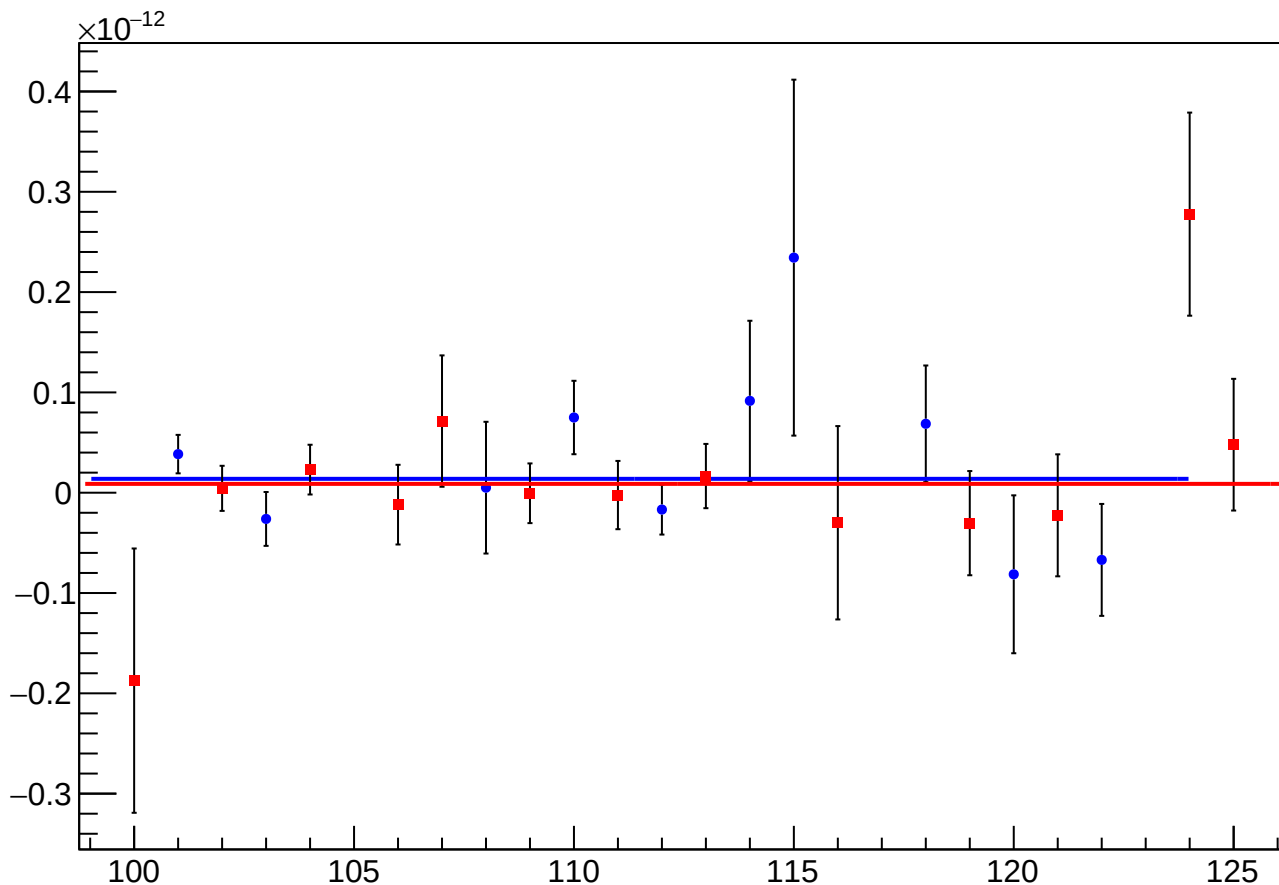
Right: 22.135+/-0.006 χ^2/NDF : 2518451.2/22

In: 21.012+/-0.008 χ^2/NDF :1435455.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22.135+/-0.006 χ^2/NDF : 2518451.2/22

asym_sam_1548_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

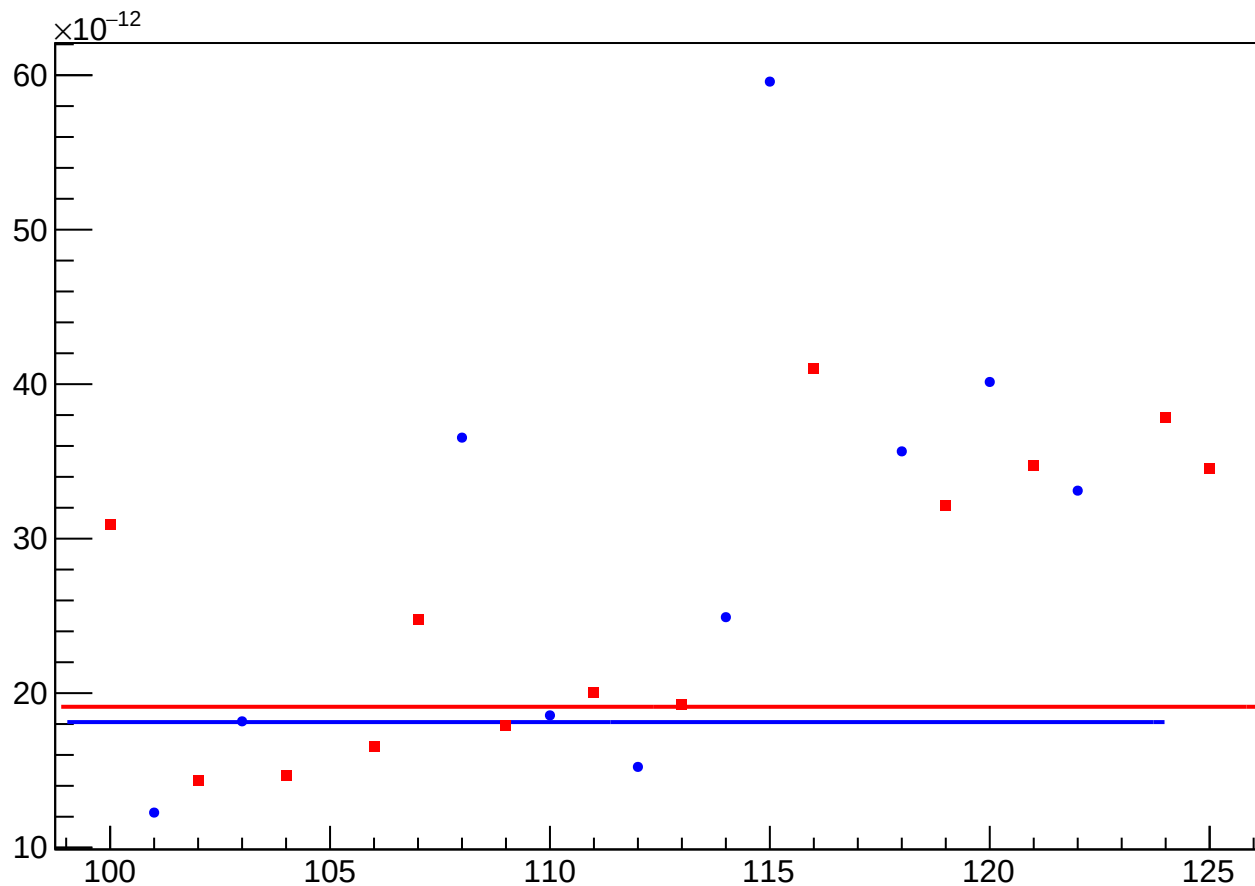
Right: 0.000+/-0.000 χ^2/NDF : 27.7/22

In: 0.000+/-0.000 χ^2/NDF : 15.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.7/22

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 : 740640.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

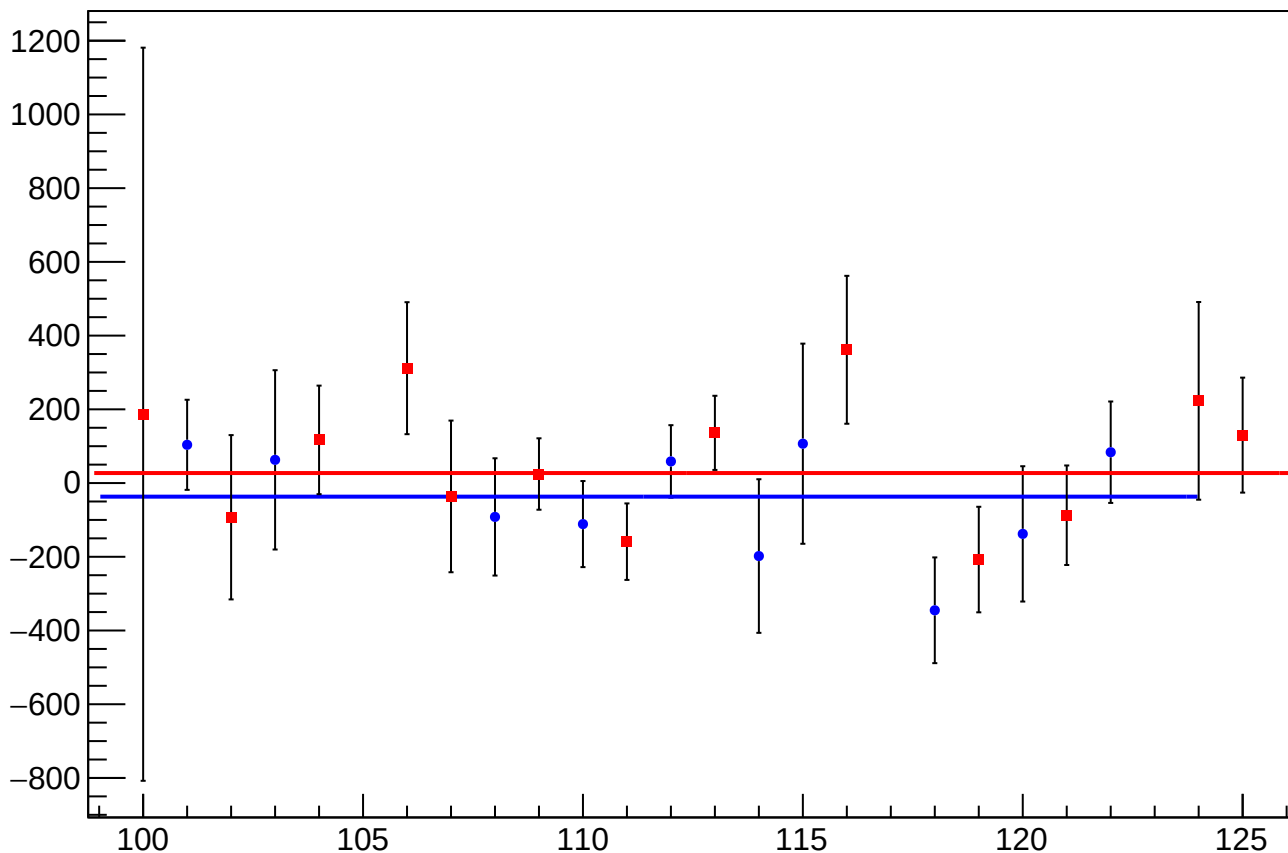
Right: 0.000+/-0.000 χ^2/NDF : 1725983.0/22

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 : 1725983.0/22

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: 27.169 ± 40.691 χ^2/NDF : 14.9/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

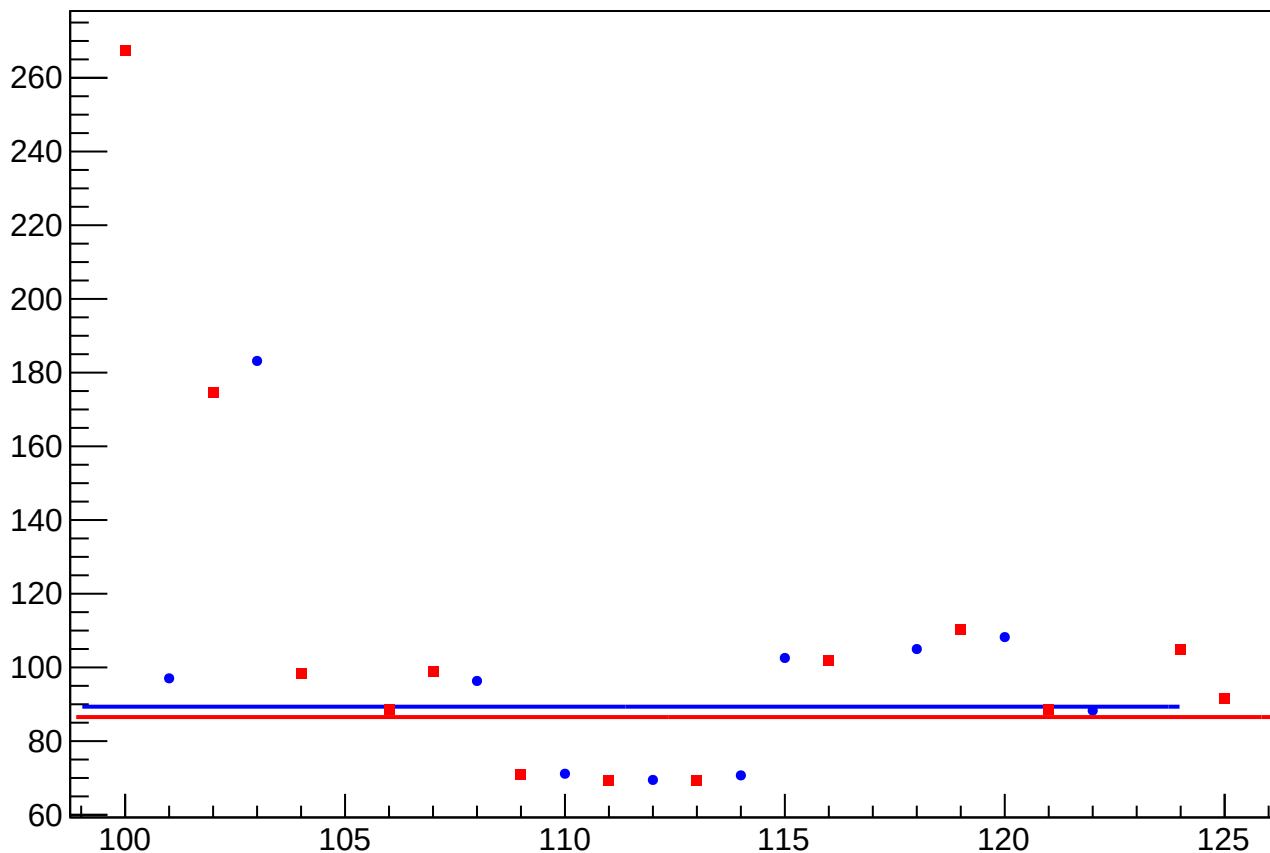
Right: -0.791 ± 30.542 χ^2/NDF : 25.5/22

In: -36.870 ± 46.223 χ^2/NDF : 9.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.791 ± 30.542 χ^2/NDF : 25.5/22

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: 86.527+/-0.029 χ^2/NDF : 643547.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

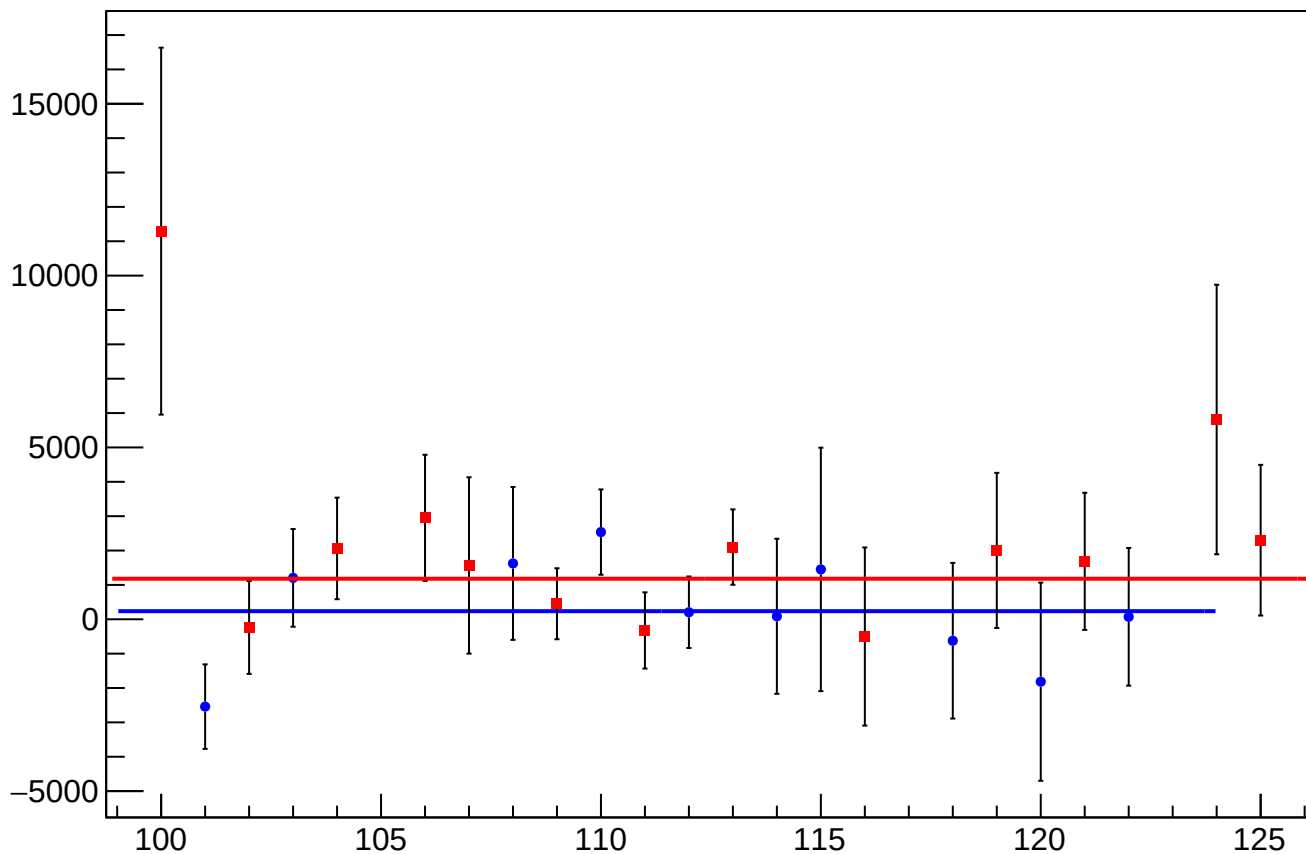
Right: 87.757+/-0.022 χ^2/NDF : 1153347.4/22

In: 89.345+/-0.033 χ^2/NDF : 505611.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.757+/-0.022 χ^2/NDF : 1153347.4/22

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: 1179.874 $\pm$ 449.866 χ^2 /NDF: 11.3/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

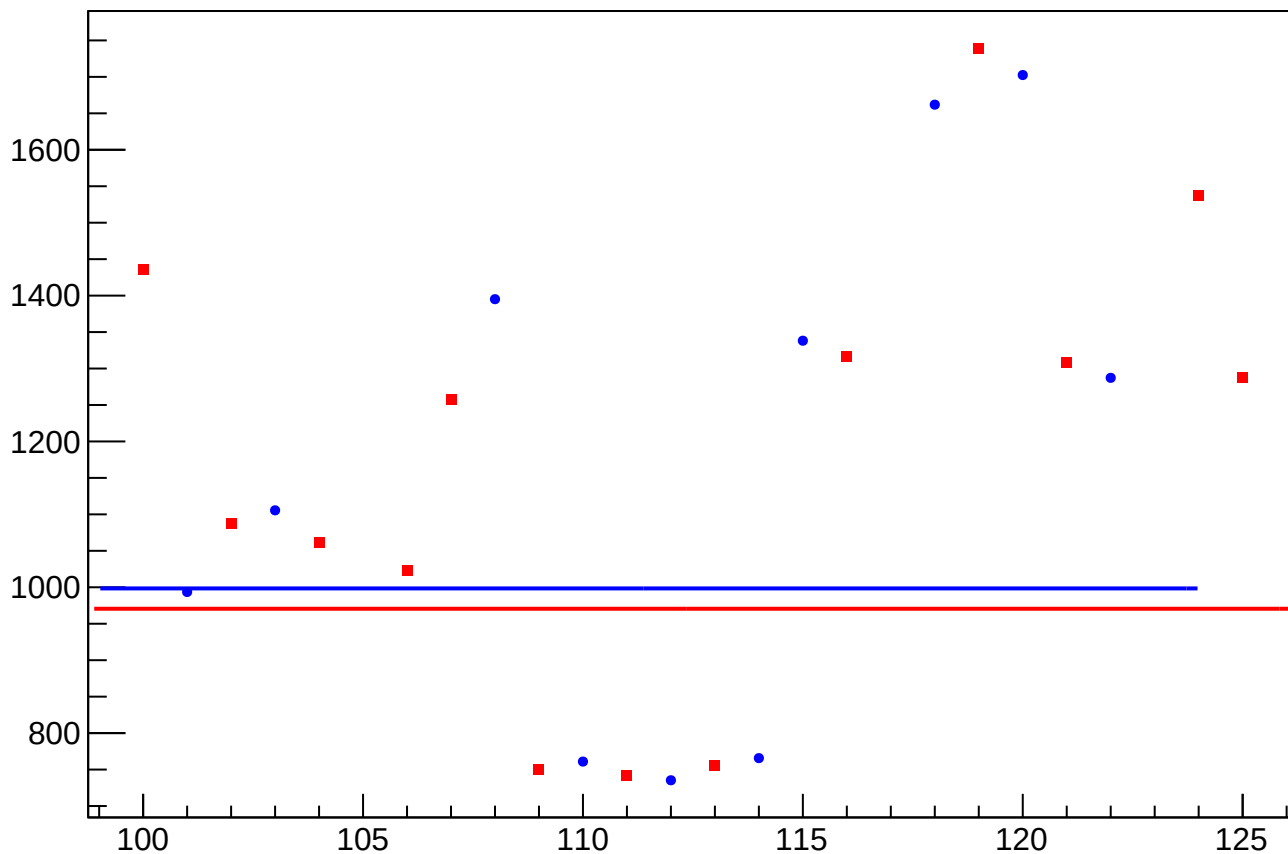
Right: 771.231 $\pm$ 338.786 χ^2 /NDF: 23.4/22

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: 771.231 $\pm$ 338.786 χ^2 /NDF: 23.4/22

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: 970.545+/-0.318 χ^2/NDF : 725986.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

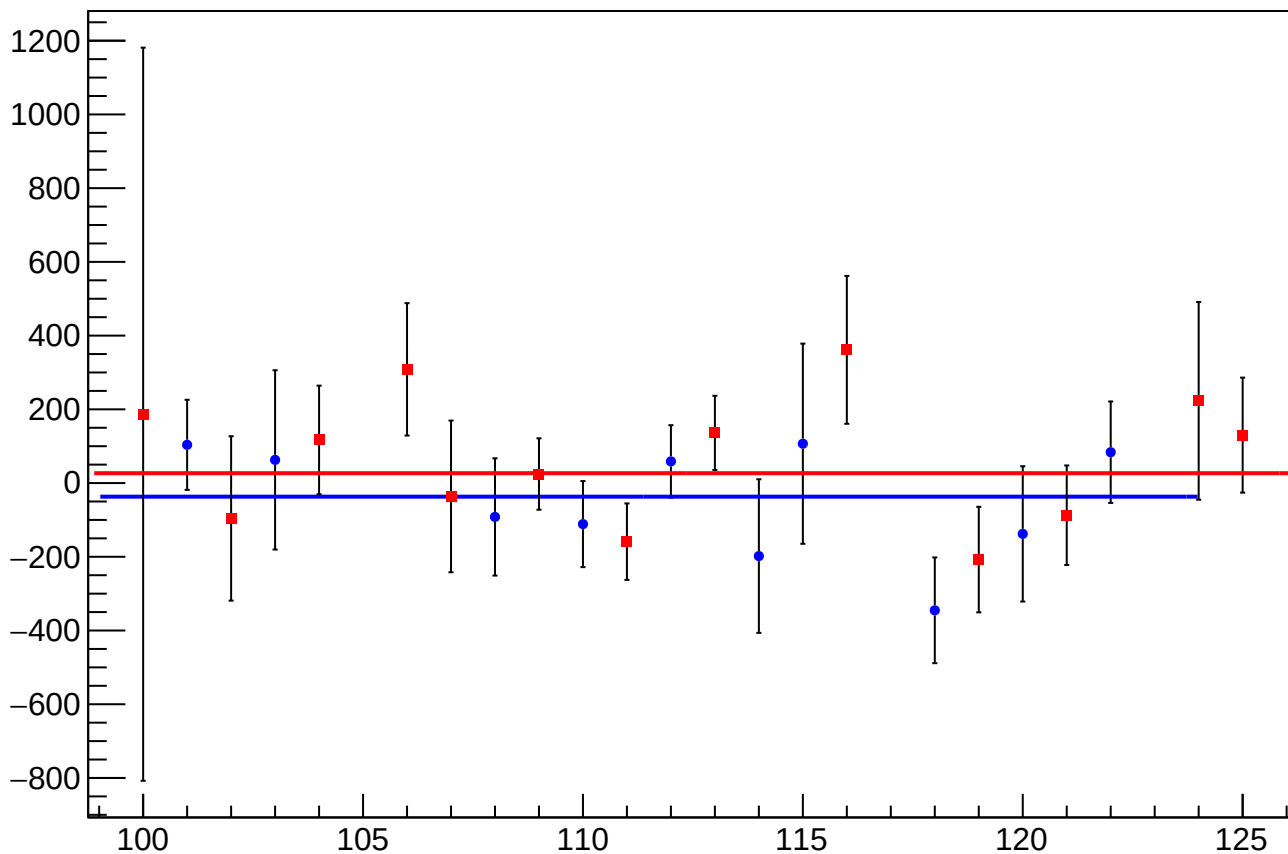
Right: 982.614+/-0.240 χ^2/NDF : 1377551.9/22

In: 998.427+/-0.364 χ^2/NDF : 648239.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 982.614+/-0.240 χ^2/NDF : 1377551.9/22

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: 26.810+/-40.698 χ^2/NDF : 14.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

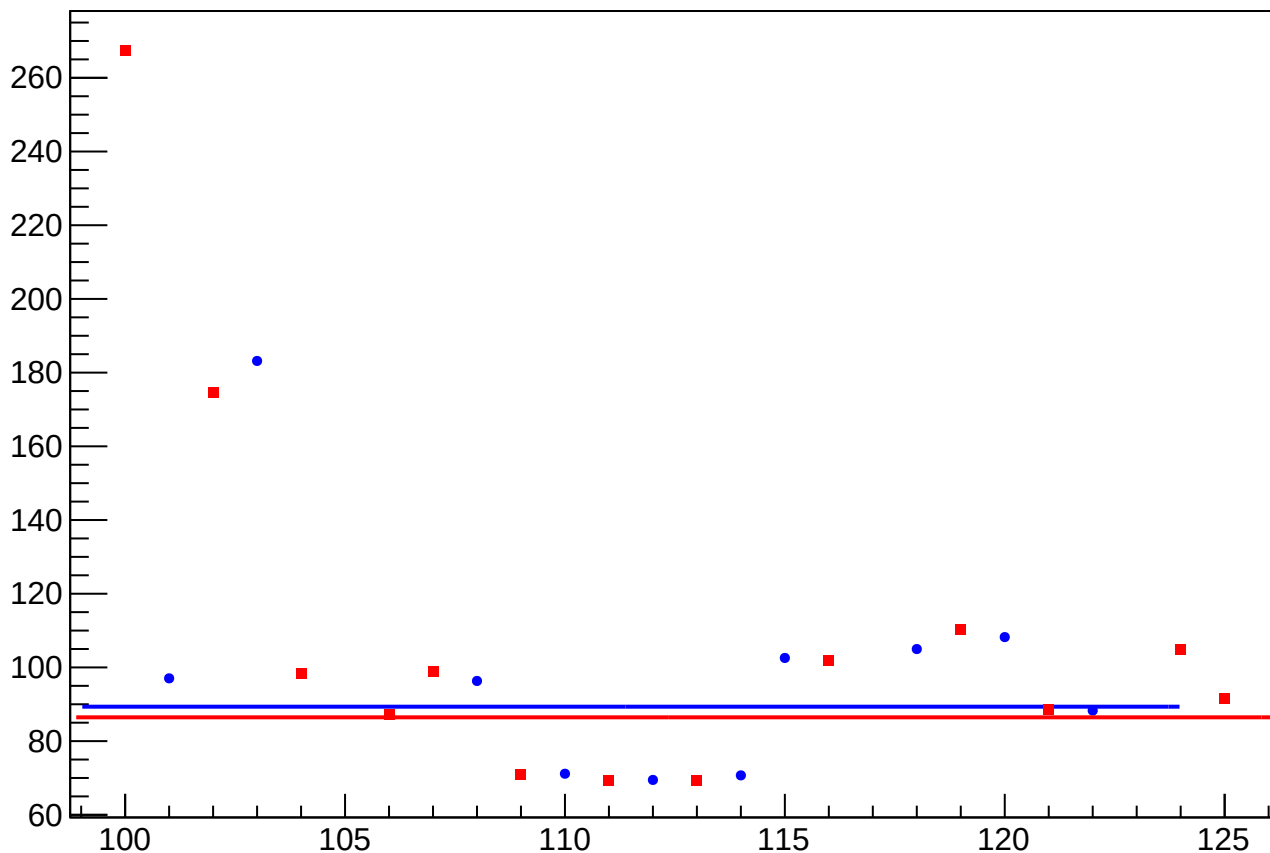
Right: -1.007+/-30.545 χ^2/NDF : 25.4/22

In: -36.889+/-46.223 χ^2/NDF :9.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.007+/-30.545 χ^2/NDF : 25.4/22

cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 89.345+/-0.033 χ^2/NDF : 505614.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.459+/-0.029 χ^2/NDF : 643546.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

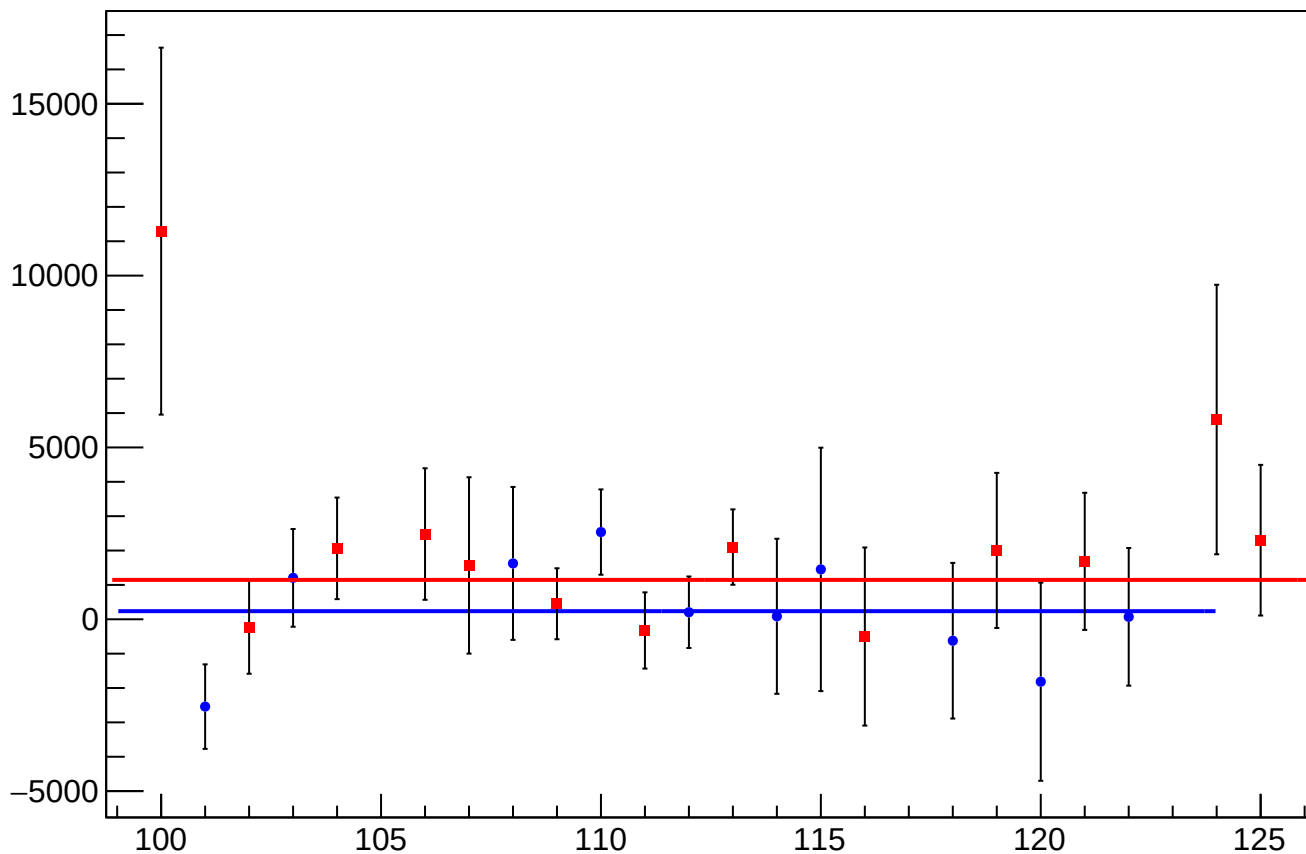
Right: 87.719+/-0.022 χ^2/NDF : 1153554.4/22

In: 89.345+/-0.033 χ^2/NDF : 505614.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.719+/-0.022 χ^2/NDF : 1153554.4/22

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: 1145.919+/-451.010 χ^2/NDF : 10.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

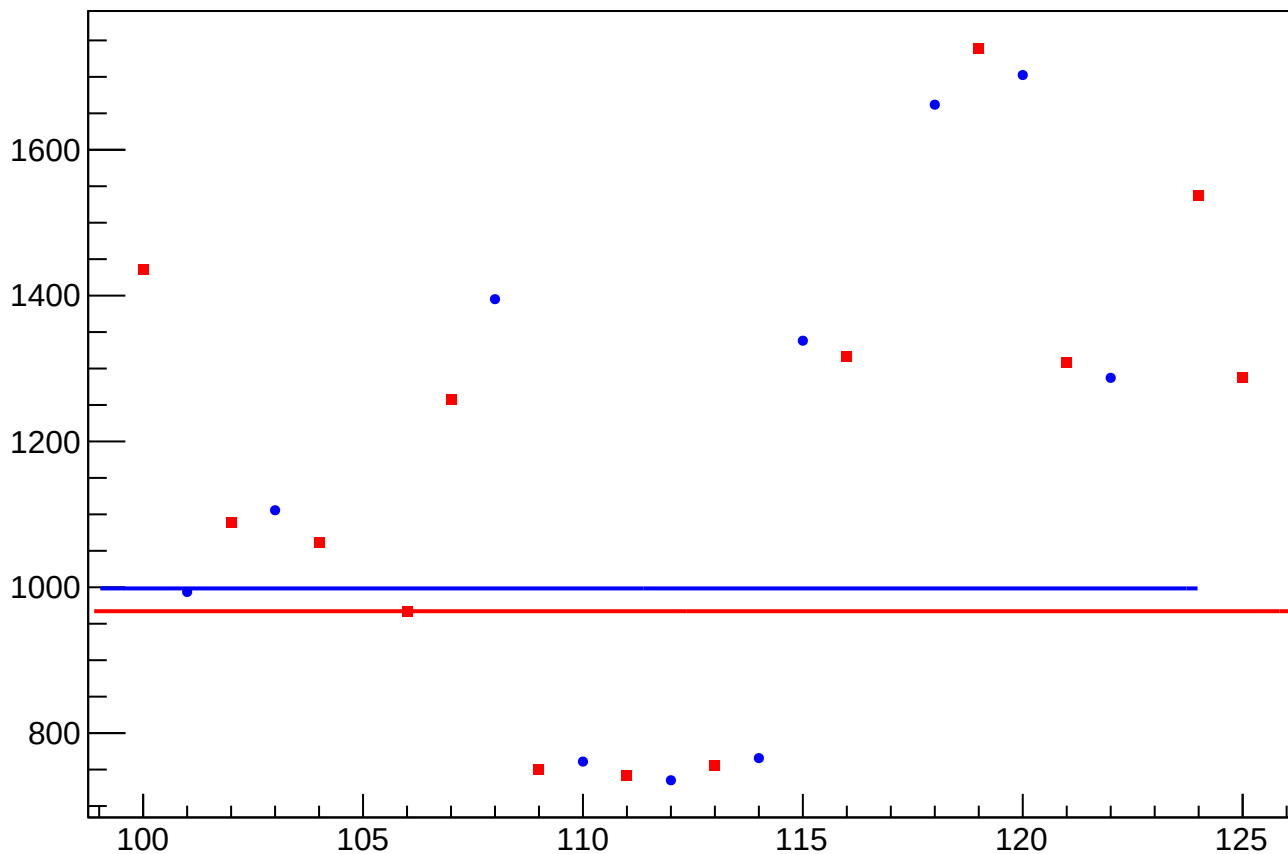
Right: 750.835+/-339.276 χ^2/NDF : 22.8/22

In: 235.812+/-514.937 χ^2/NDF :10.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 750.835+/-339.276 χ^2/NDF : 22.8/22

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: 967.190+/-0.319 χ^2/NDF : 724369.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

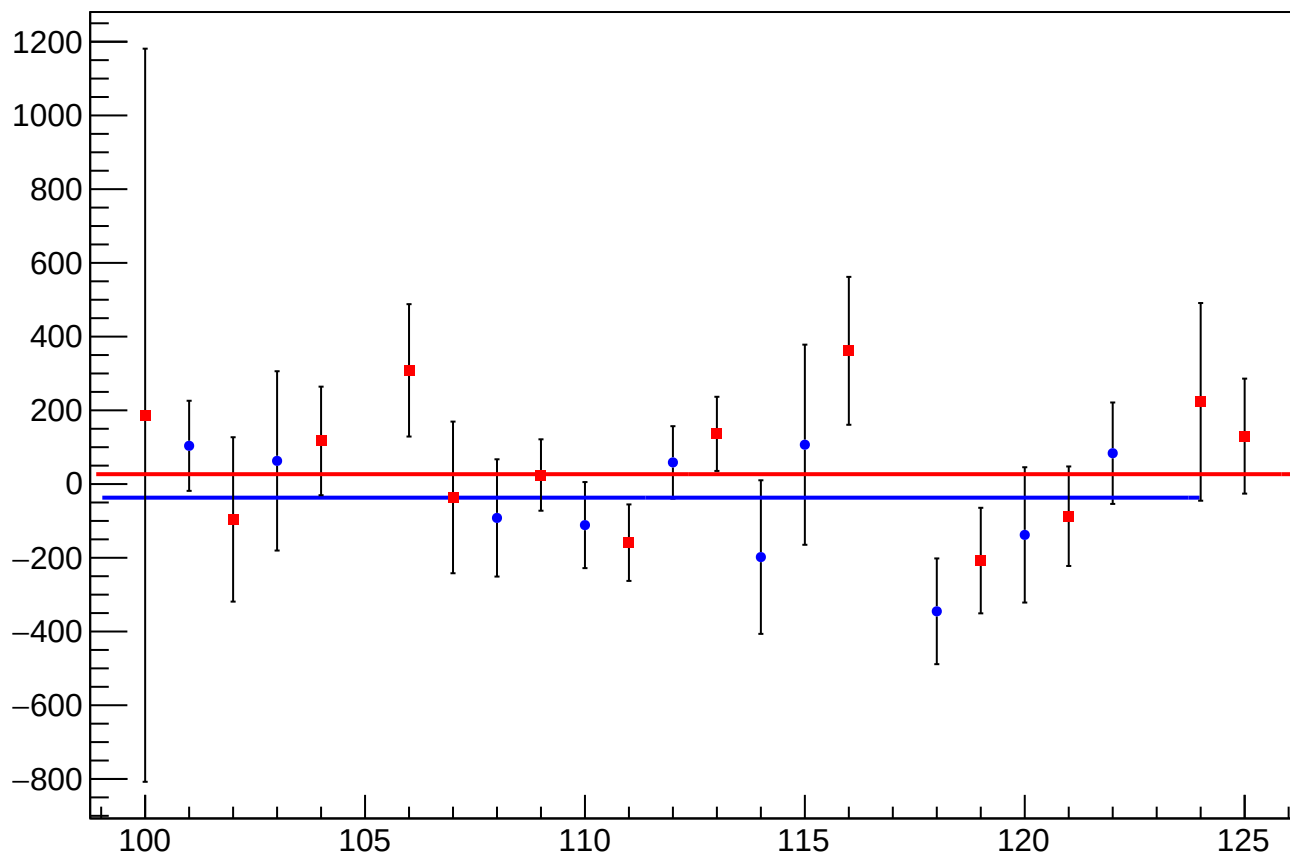
Right: 980.755+/-0.240 χ^2/NDF : 1376797.7/22

In: 998.438+/-0.364 χ^2/NDF :648260.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 980.755+/-0.240 χ^2/NDF : 1376797.7/22

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: 26.810+/-40.698 χ^2/NDF : 14.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

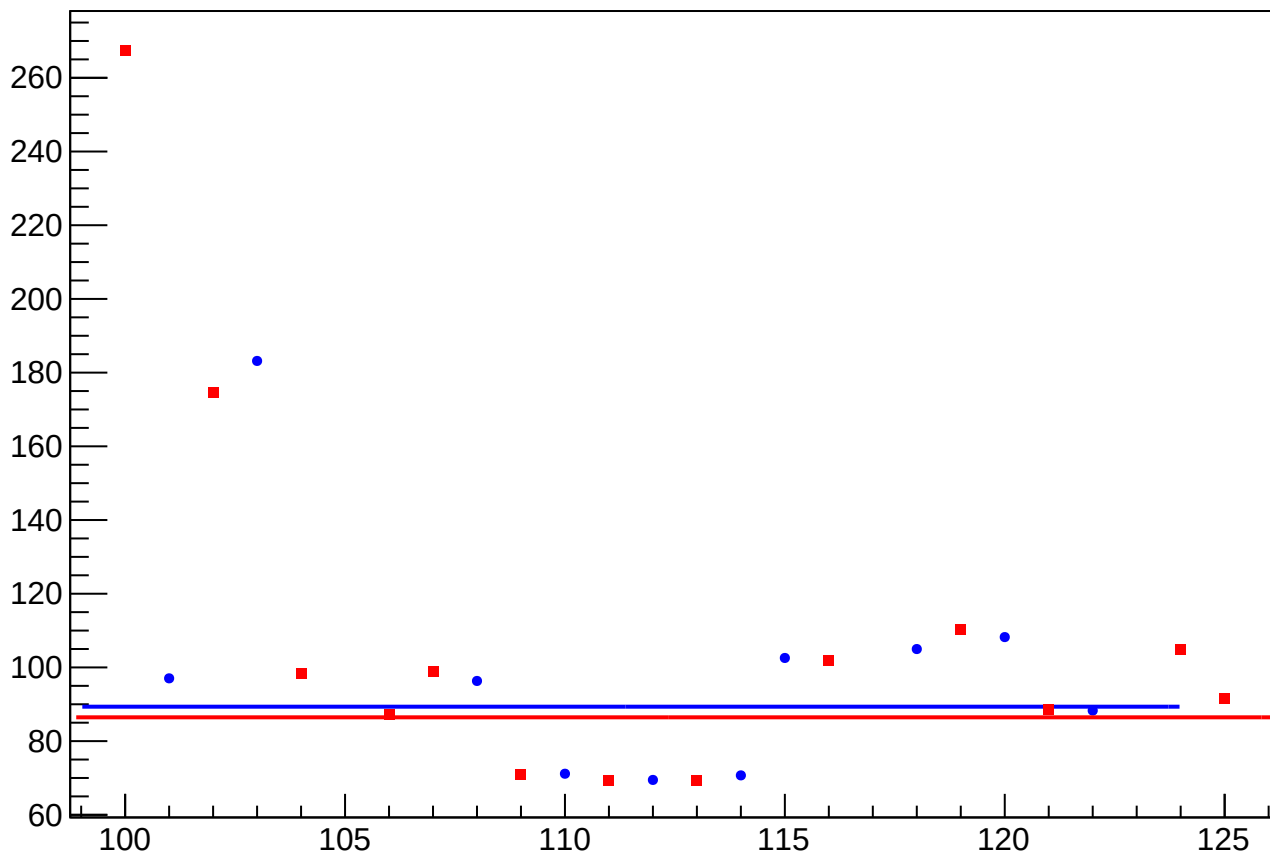
Right: -1.007+/-30.545 χ^2/NDF : 25.4/22

In: -36.889+/-46.223 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.007+/-30.545 χ^2/NDF : 25.4/22

eigen_cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 89.345+/-0.033 χ^2/NDF : 505614.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.459+/-0.029 χ^2/NDF : 643546.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

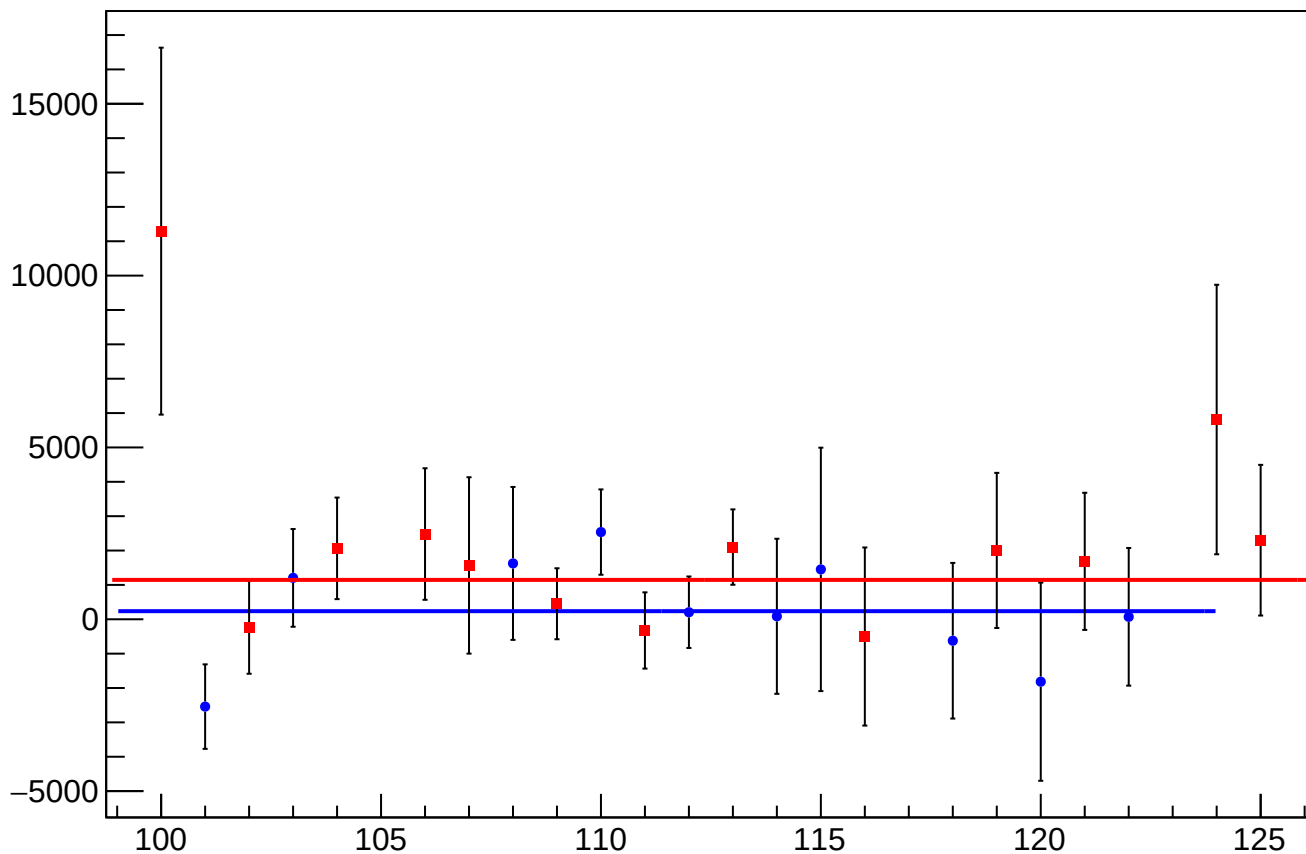
Right: 87.719+/-0.022 χ^2/NDF : 1153554.4/22

In: 89.345+/-0.033 χ^2/NDF : 505614.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.719+/-0.022 χ^2/NDF : 1153554.4/22

asym_sam_3748_avg_eigen_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: 1145.919+/-451.010 χ^2/NDF : 10.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

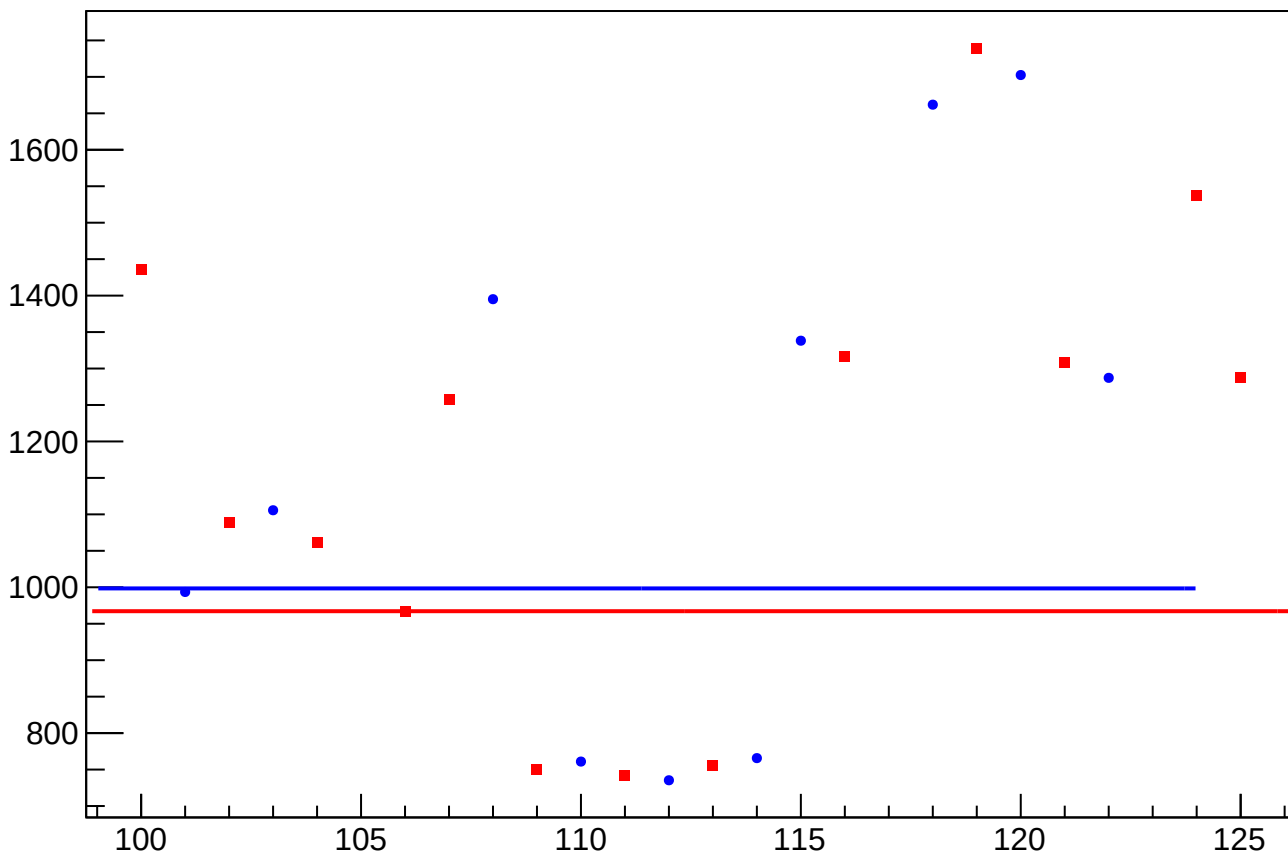
Right: 750.835+/-339.276 χ^2/NDF : 22.8/22

In: 235.812+/-514.937 χ^2/NDF : 10.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 750.835+/-339.276 χ^2/NDF : 22.8/22

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: 967.190+/-0.319 χ^2/NDF : 724369.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

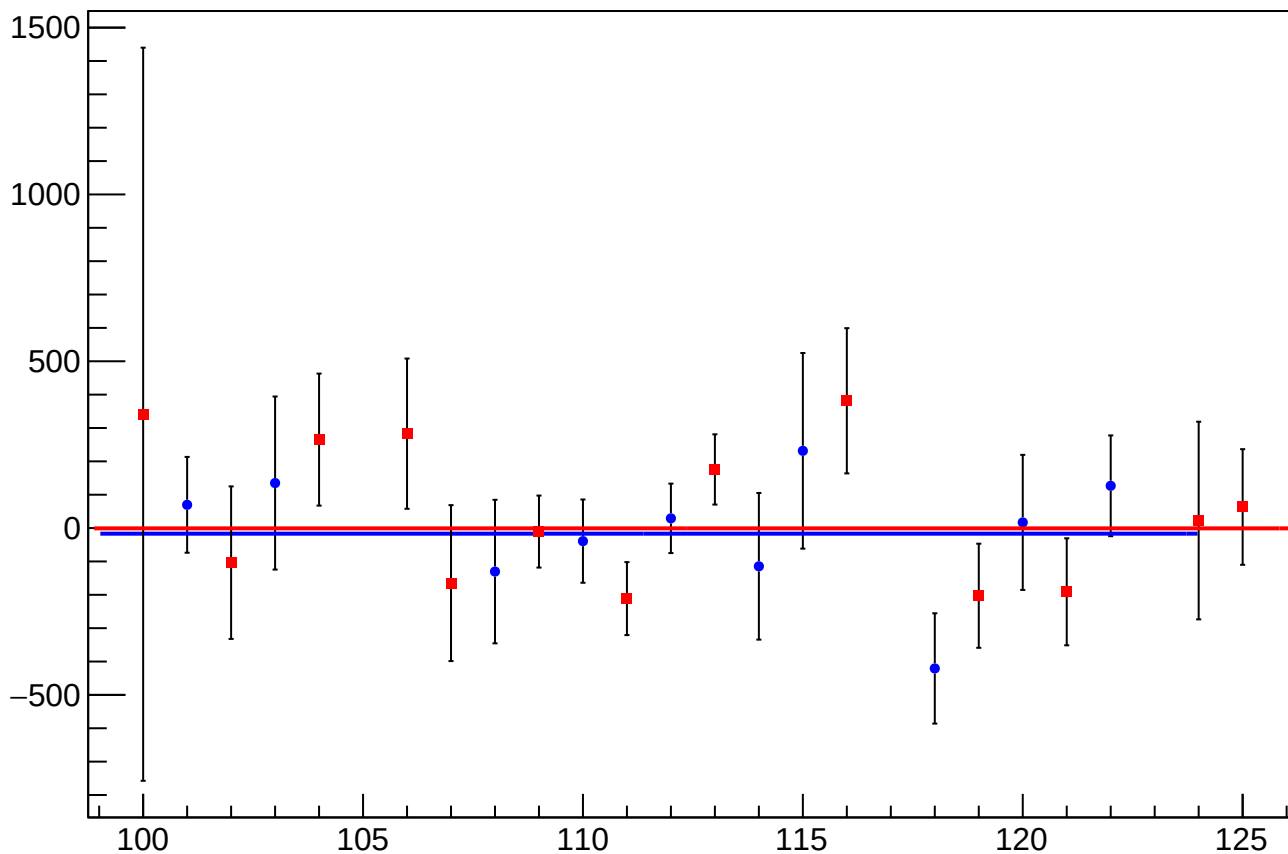
Right: 980.755+/-0.240 χ^2/NDF : 1376797.7/22

In: 998.438+/-0.364 χ^2/NDF : 648260.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 980.755+/-0.240 χ^2/NDF : 1376797.7/22

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: -0.842 $\pm$ 45.223 χ^2 /NDF: 17.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

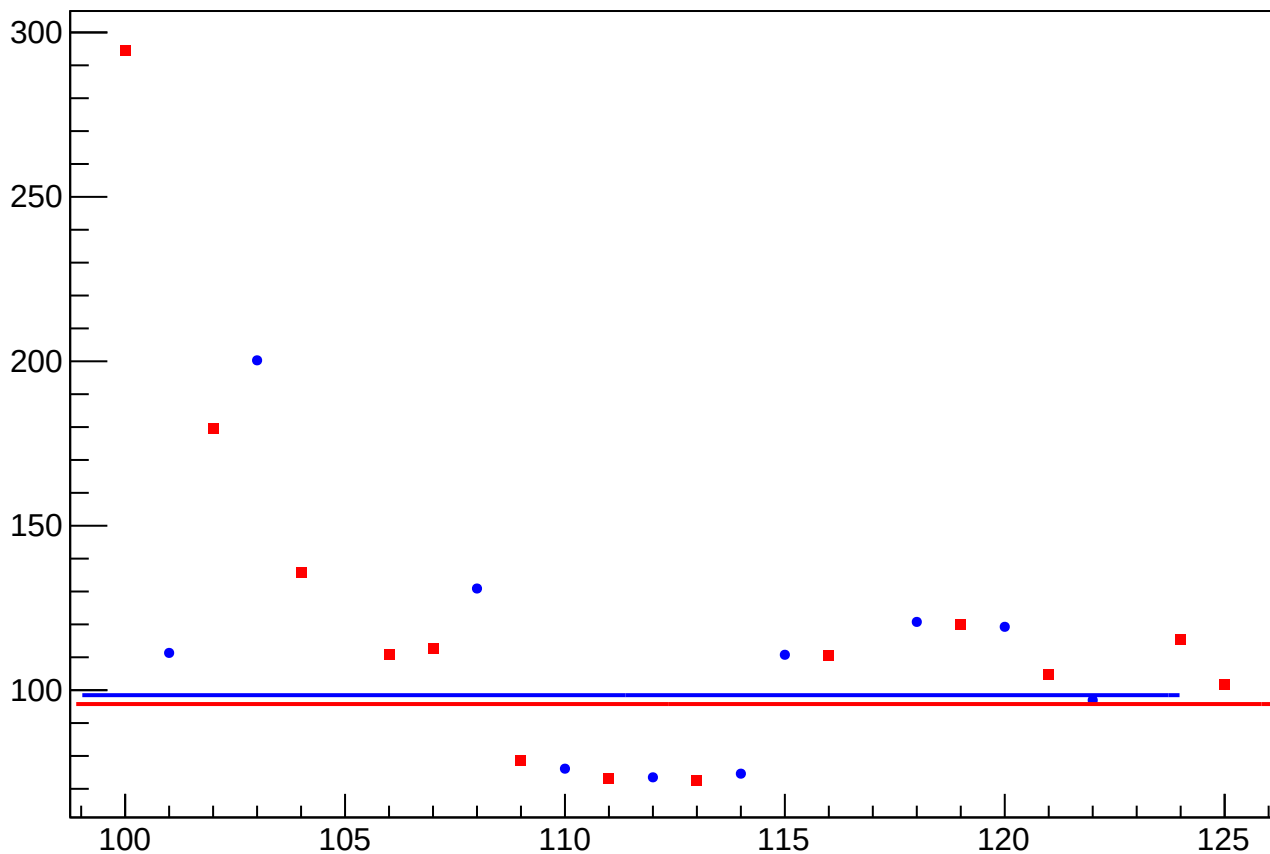
Right: -7.779 $\pm$ 33.948 χ^2 /NDF: 26.1/22

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: -7.779 $\pm$ 33.948 χ^2 /NDF: 26.1/22

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 98.478+/-0.036 χ^2/NDF : 633941.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.778+/-0.032 χ^2/NDF : 746292.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

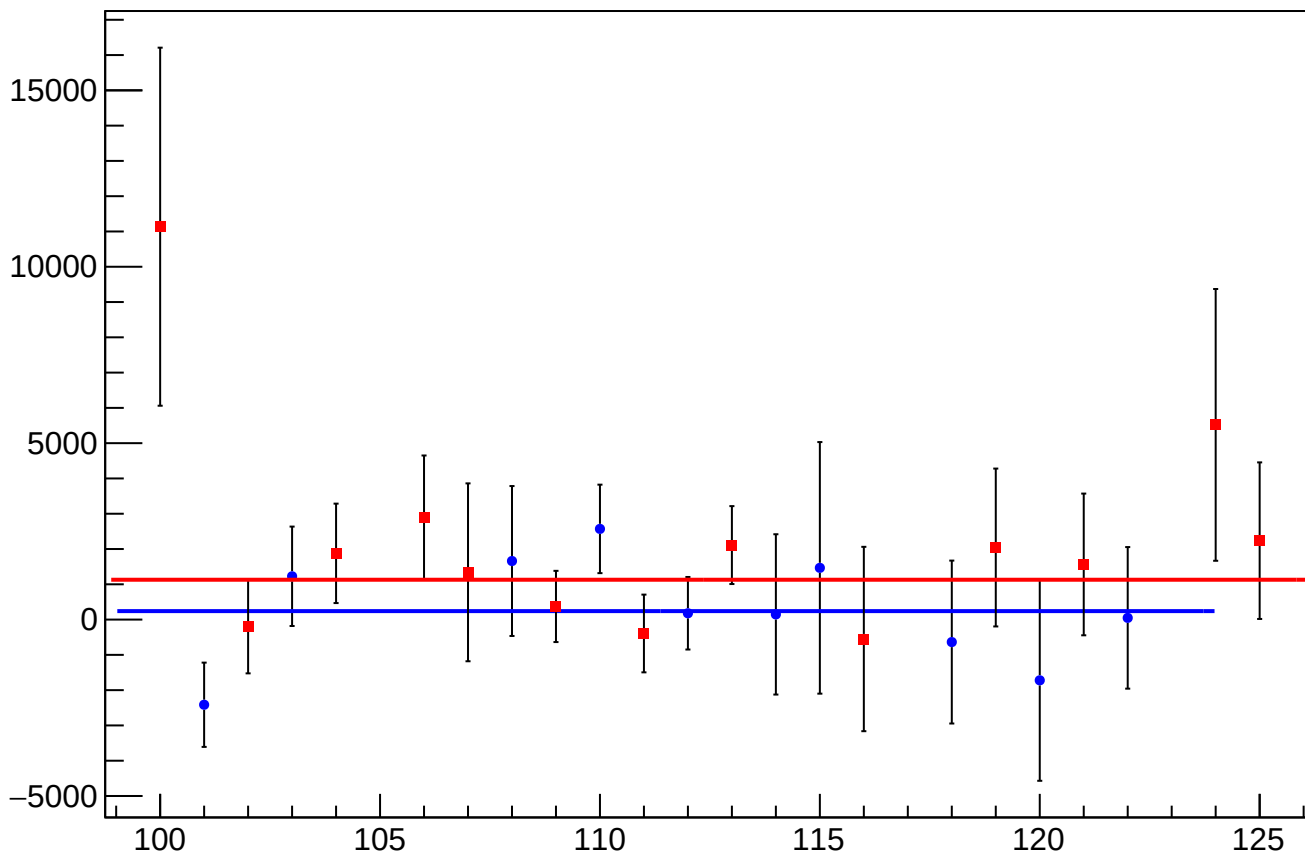
Right: 96.957+/-0.024 χ^2/NDF : 1383346.0/22

In: 98.478+/-0.036 χ^2/NDF : 633941.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.957+/-0.024 χ^2/NDF : 1383346.0/22

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: 1129.240 $\pm$ 444.007 χ^2 /NDF: 11.6/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

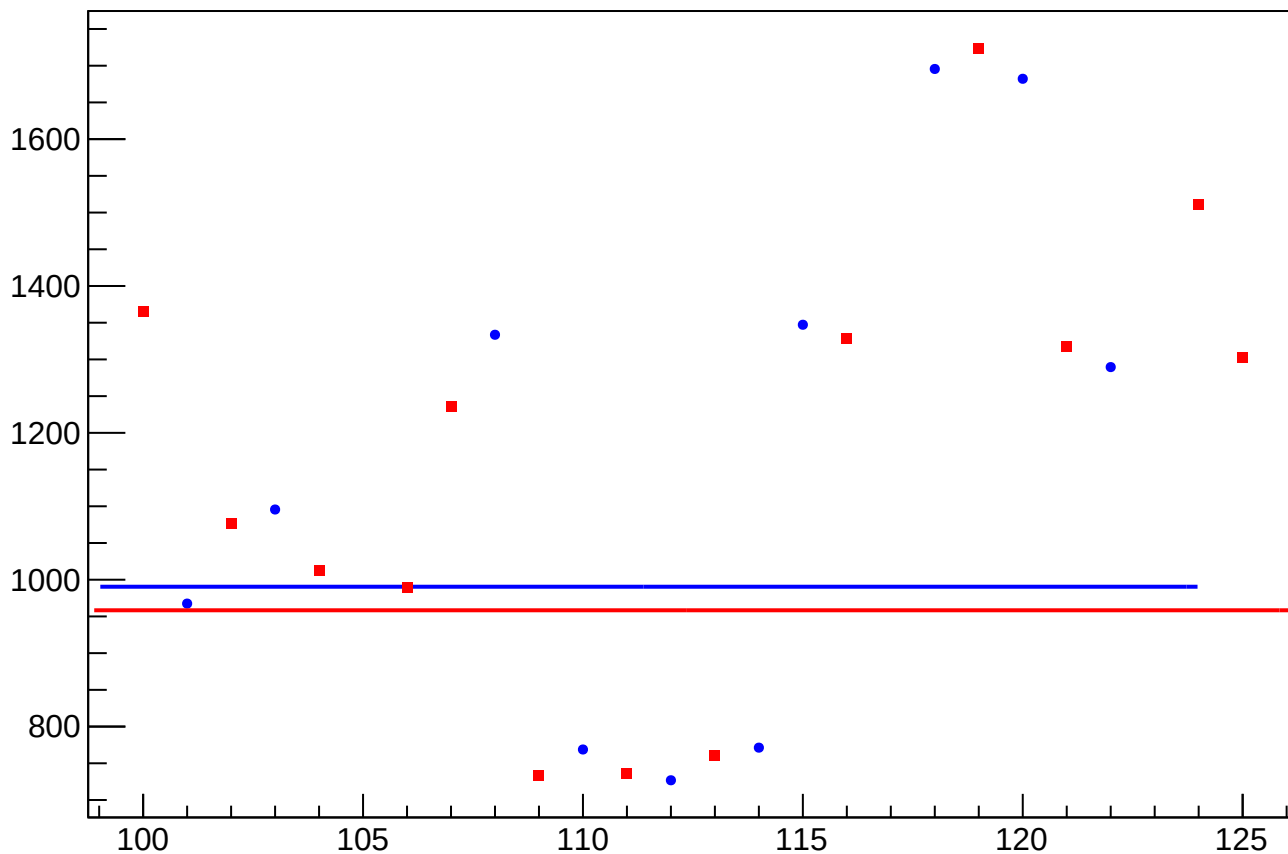
Right: 746.066 $\pm$ 334.955 χ^2 /NDF: 23.4/22

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: 746.066 $\pm$ 334.955 χ^2 /NDF: 23.4/22

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: 958.364+/-0.314 χ^2/NDF : 728328.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

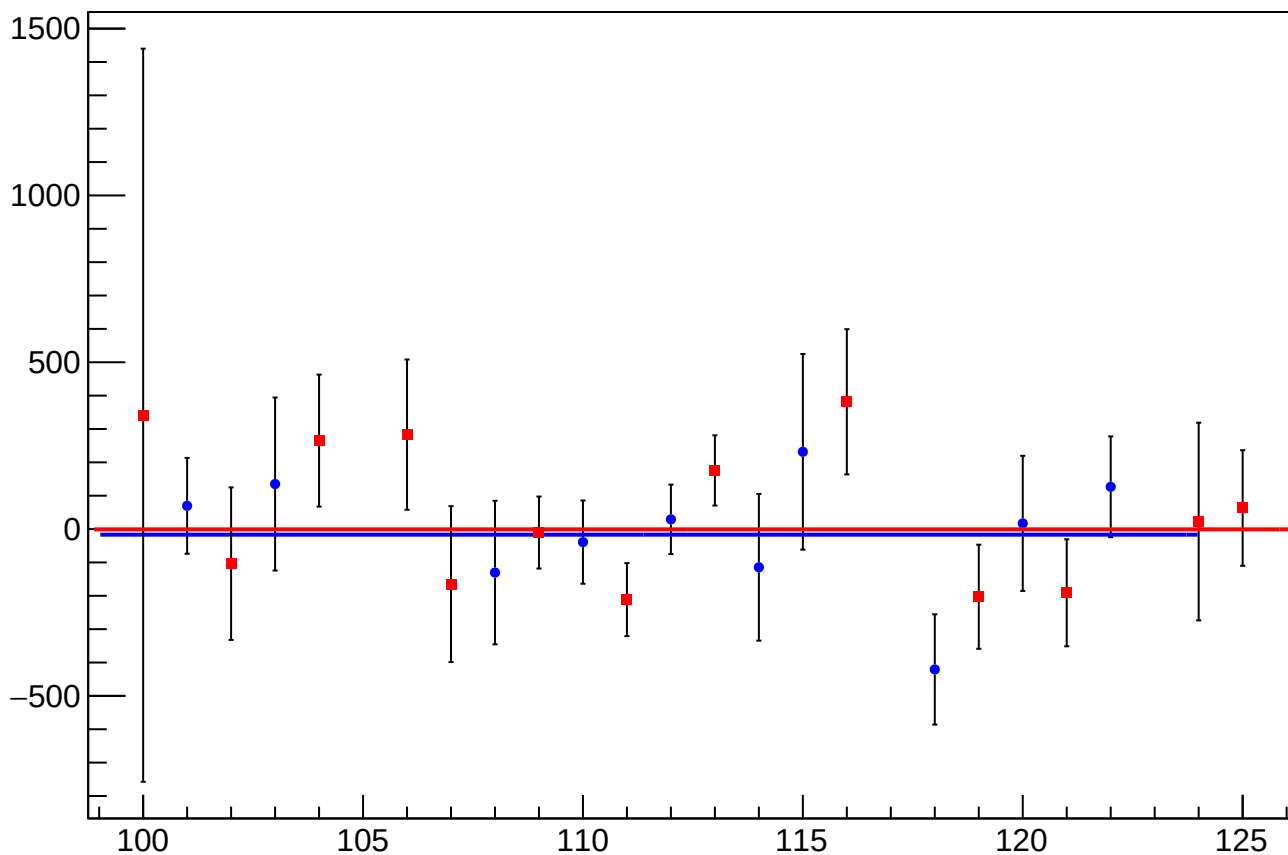
Right: 972.188+/-0.237 χ^2/NDF : 1378462.3/22

In: 990.447+/-0.361 χ^2/NDF : 645634.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 972.188+/-0.237 χ^2/NDF : 1378462.3/22

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: -0.844 $\pm$ 45.223 χ^2 /NDF: 17.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

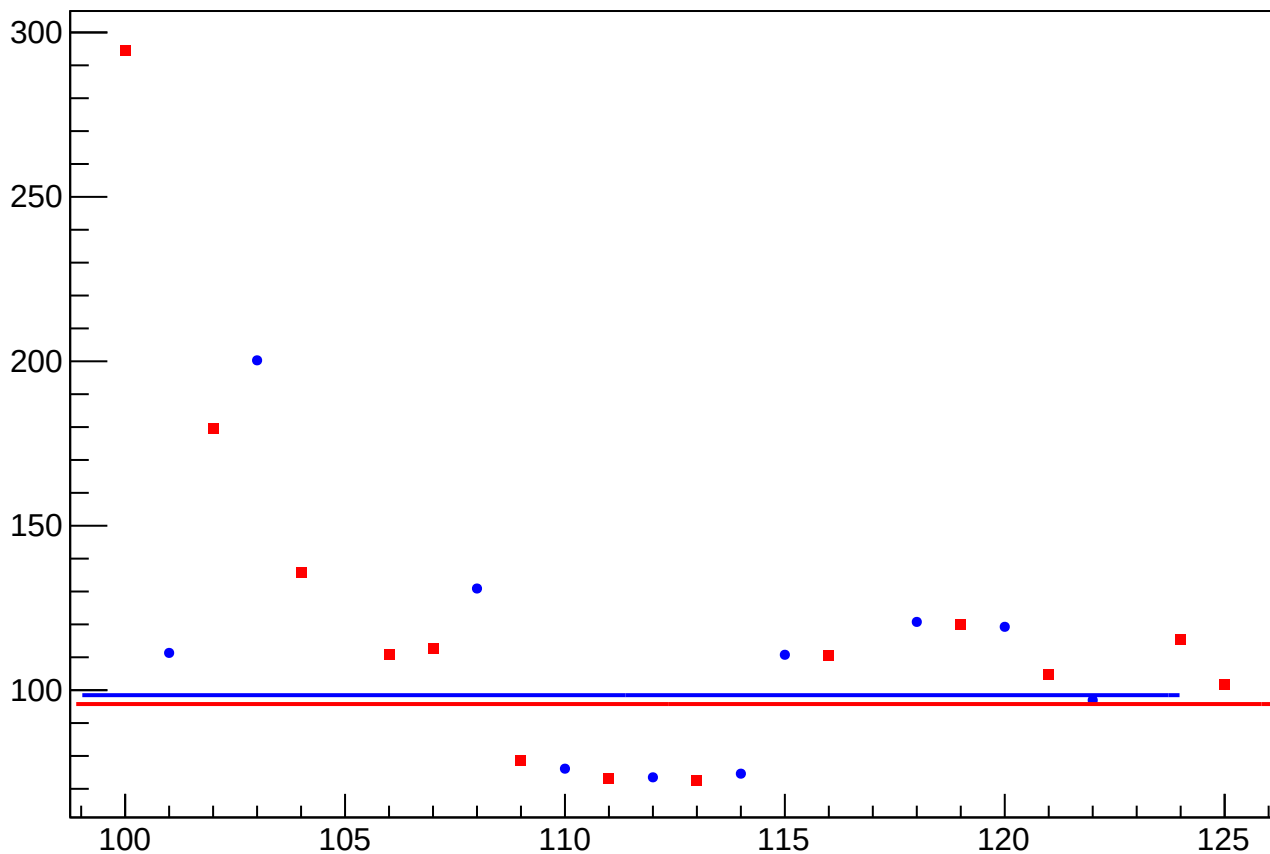
Right: -7.781 $\pm$ 33.948 χ^2 /NDF: 26.1/22

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: -7.781 $\pm$ 33.948 χ^2 /NDF: 26.1/22

eigen_dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 98.478+/-0.036 χ^2/NDF : 633942.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.778+/-0.032 χ^2/NDF : 746293.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

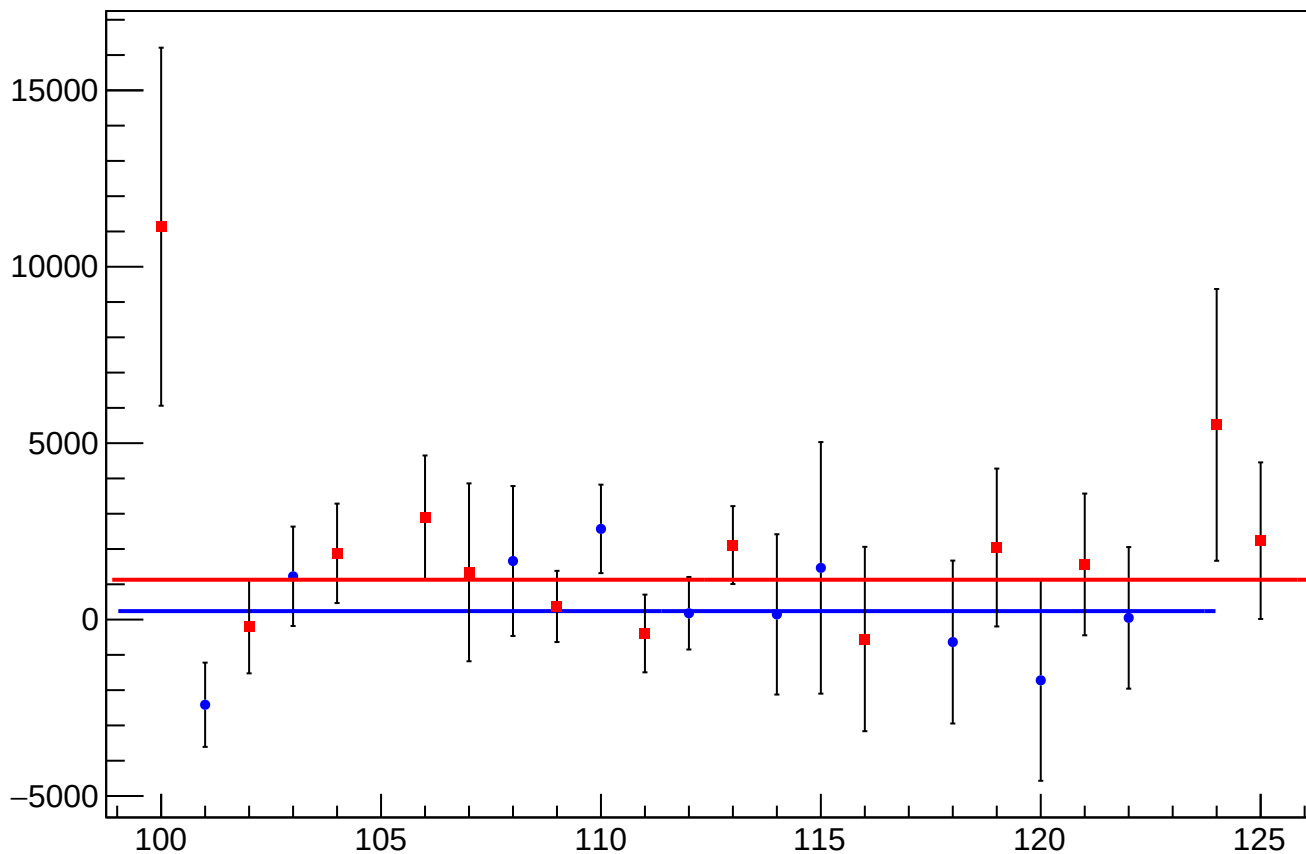
Right: 96.957+/-0.024 χ^2/NDF : 1383348.3/22

In: 98.478+/-0.036 χ^2/NDF : 633942.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.957+/-0.024 χ^2/NDF : 1383348.3/22

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: 1129.238 $\pm$ 444.007 χ^2 /NDF: 11.6/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

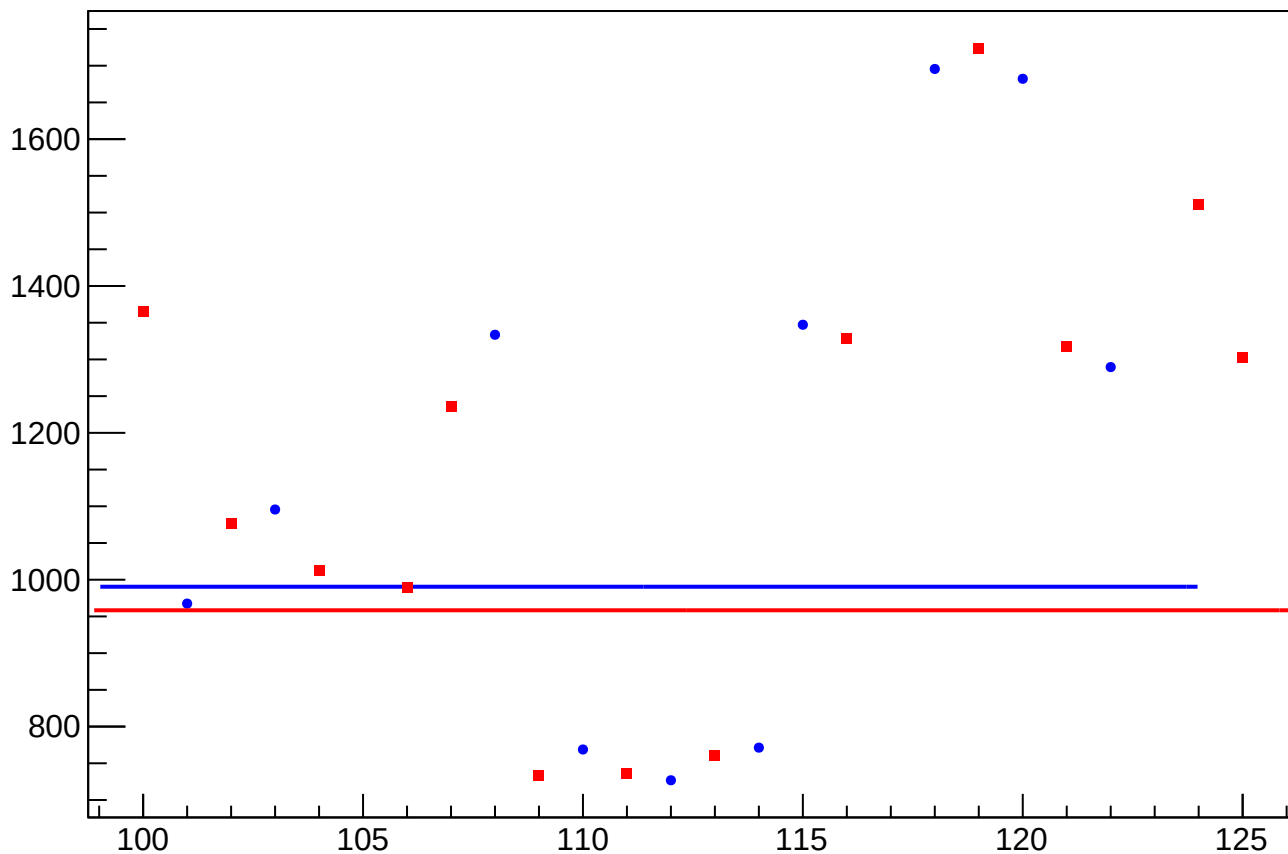
Right: 746.065 $\pm$ 334.954 χ^2 /NDF: 23.4/22

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: 746.065 $\pm$ 334.954 χ^2 /NDF: 23.4/22

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: 958.362+/-0.314 χ^2/NDF : 728329.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

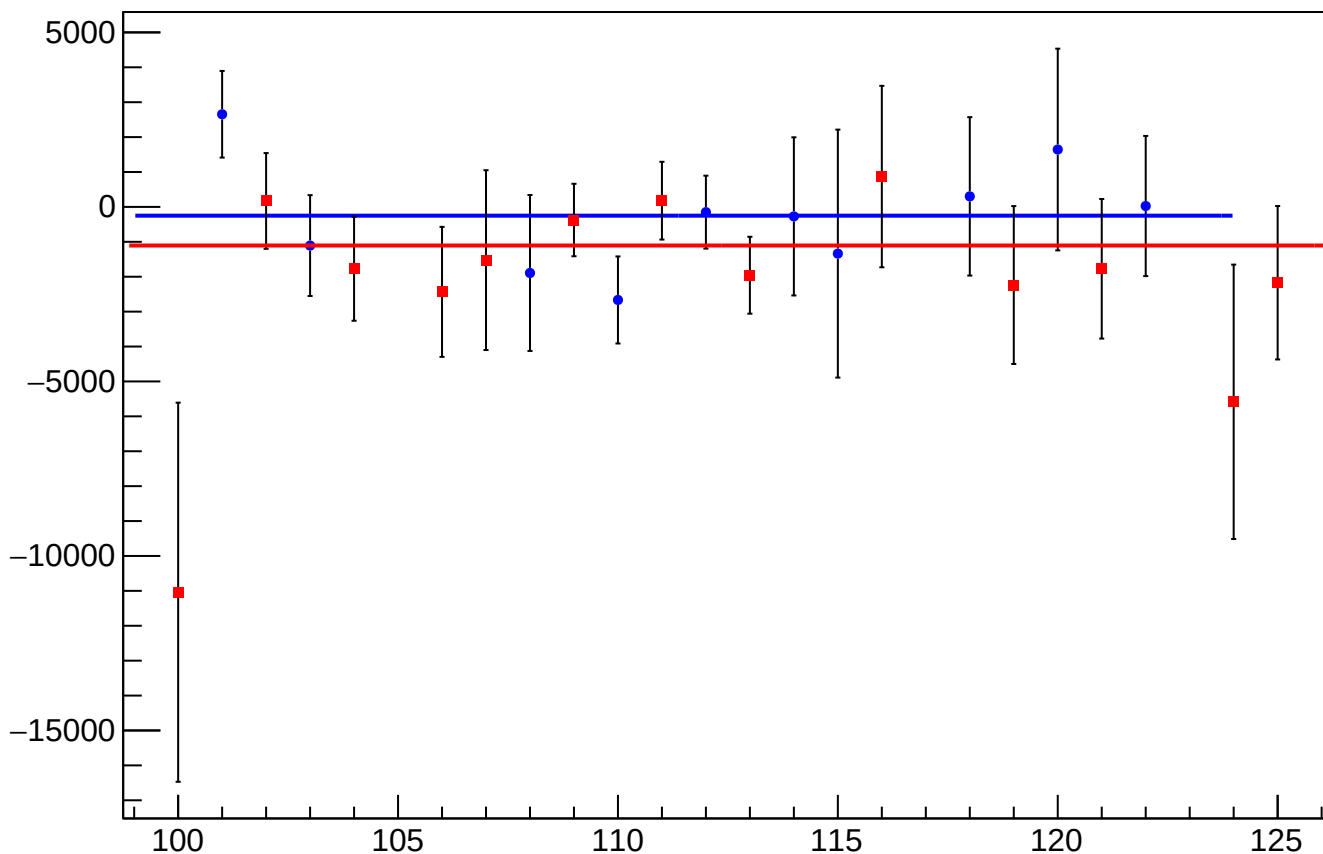
Right: 972.186+/-0.237 χ^2/NDF : 1378467.5/22

In: 990.445+/-0.361 χ^2/NDF :645638.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 972.186+/-0.237 χ^2/NDF : 1378467.5/22

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: -1105.481+/-452.745 χ^2/NDF : 9.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

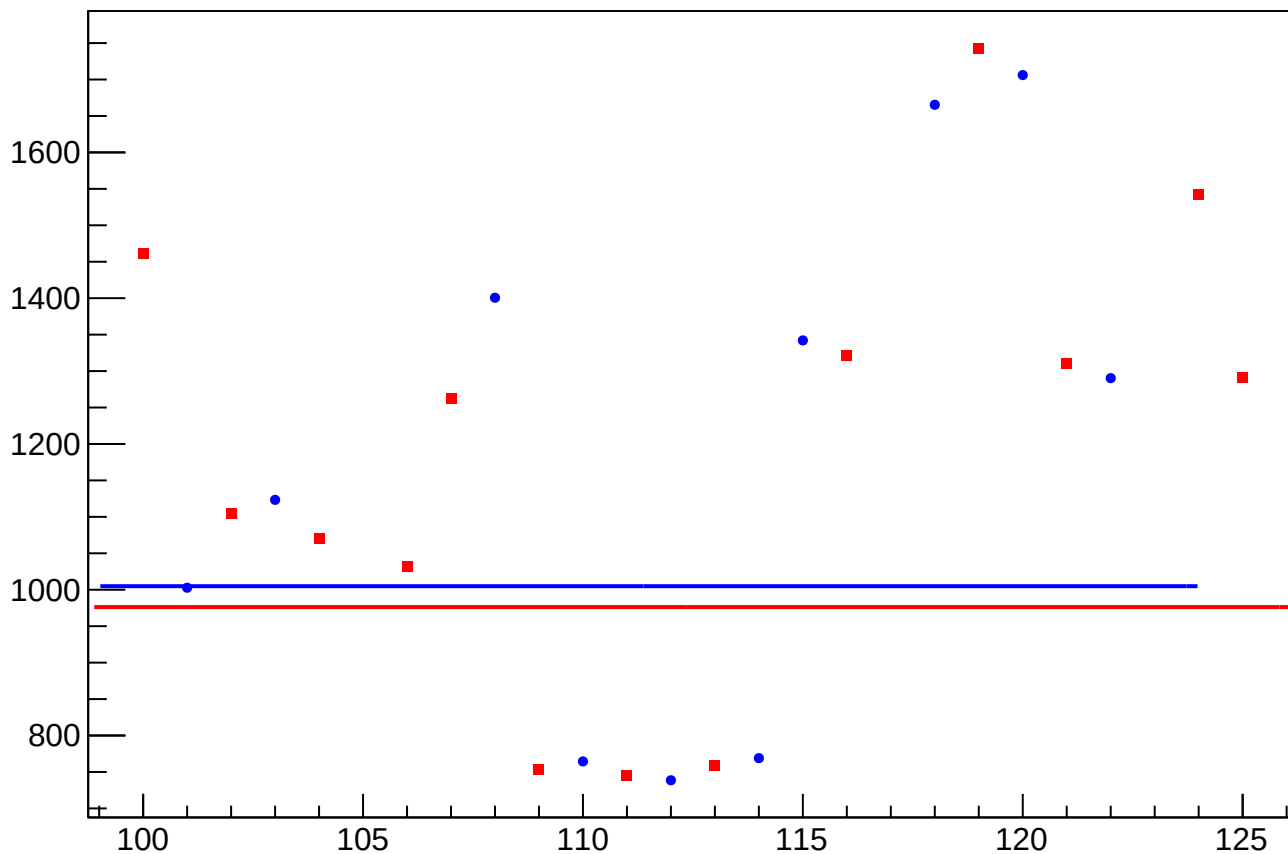
Right: -735.480+/-340.956 χ^2/NDF : 22.1/22

In: -250.700+/-518.232 χ^2/NDF : 10.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -735.480+/-340.956 χ^2/NDF : 22.1/22

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: 976.214+/-0.320 χ^2/NDF : 726978.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

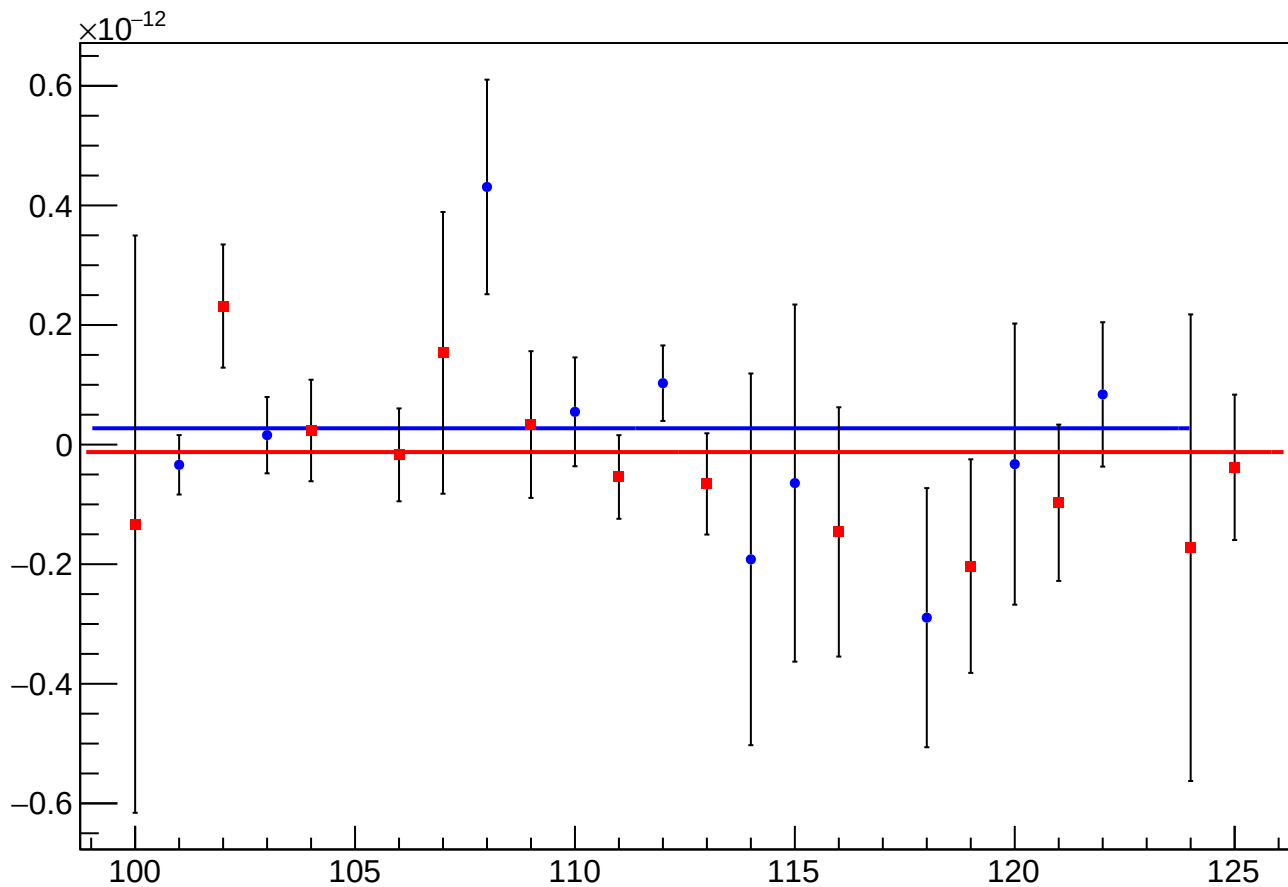
Right: 988.618+/-0.241 χ^2/NDF : 1378167.5/22

In: 1004.870+/-0.366 χ^2/NDF : 647720.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 988.618+/-0.241 χ^2/NDF : 1378167.5/22

asym_sam_3748_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

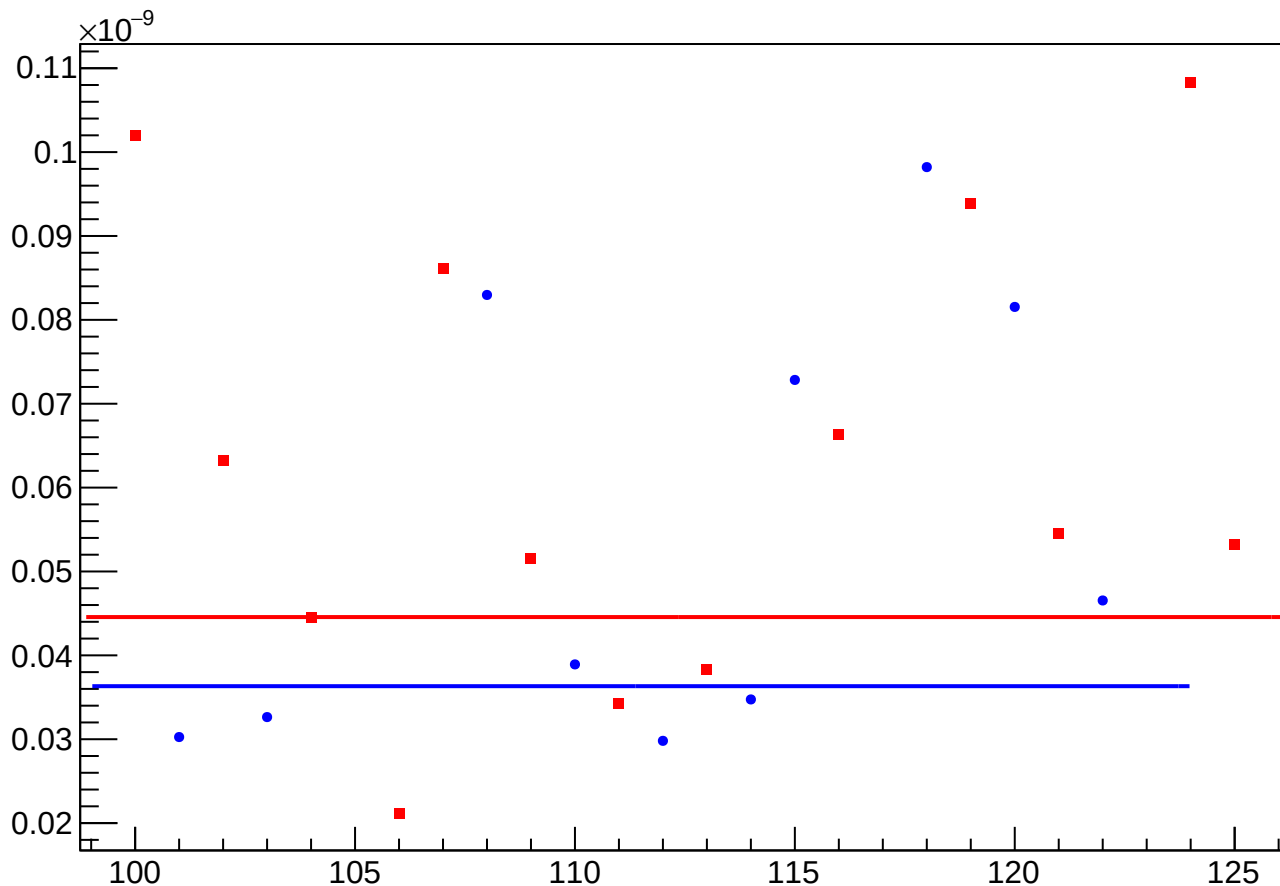
Right: 0.000+/-0.000 χ^2/NDF : 21.4/22

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 : 21.4/22

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 : 647549.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

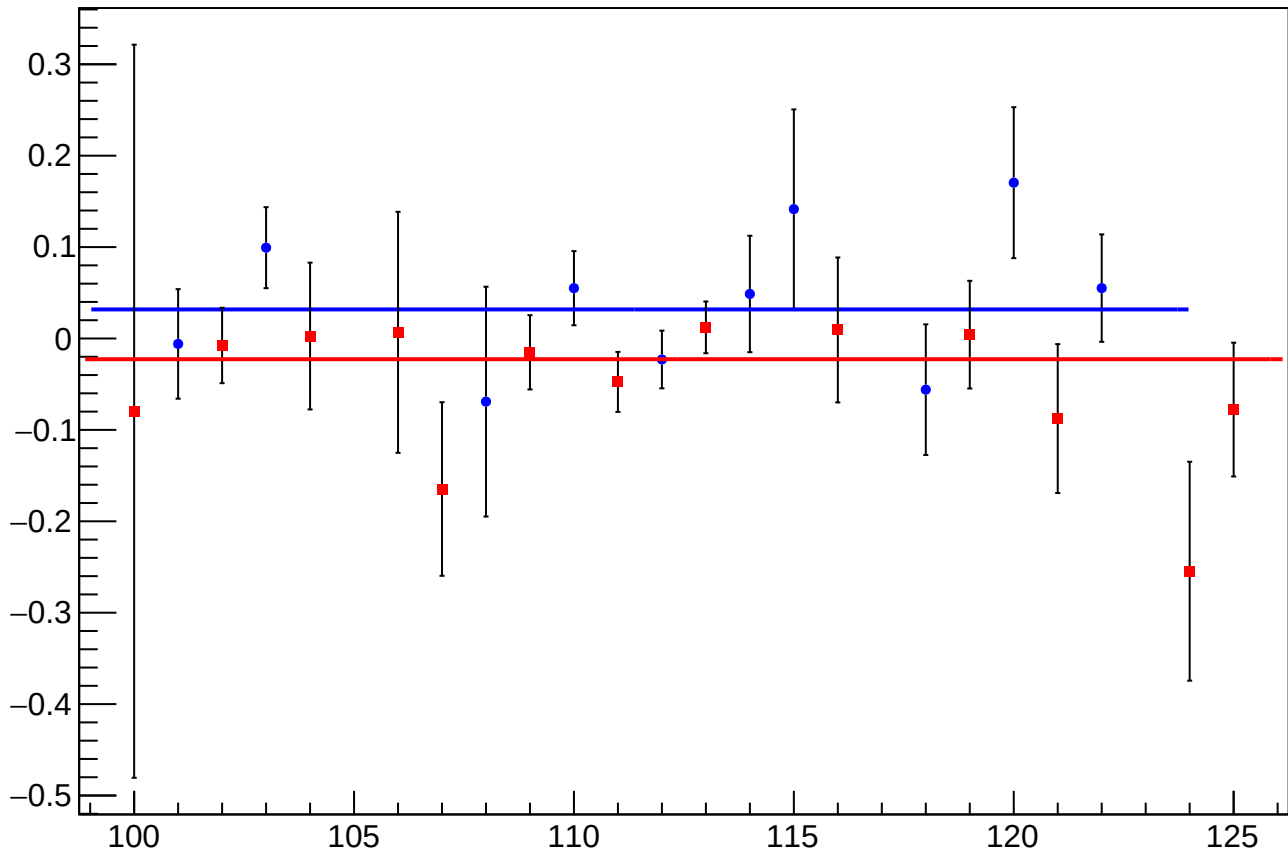
Right: 0.000+/-0.000 χ^2/NDF : 1197826.0/22

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 : 1197826.0/22

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: -0.023+/-0.015 χ^2/NDF : 10.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

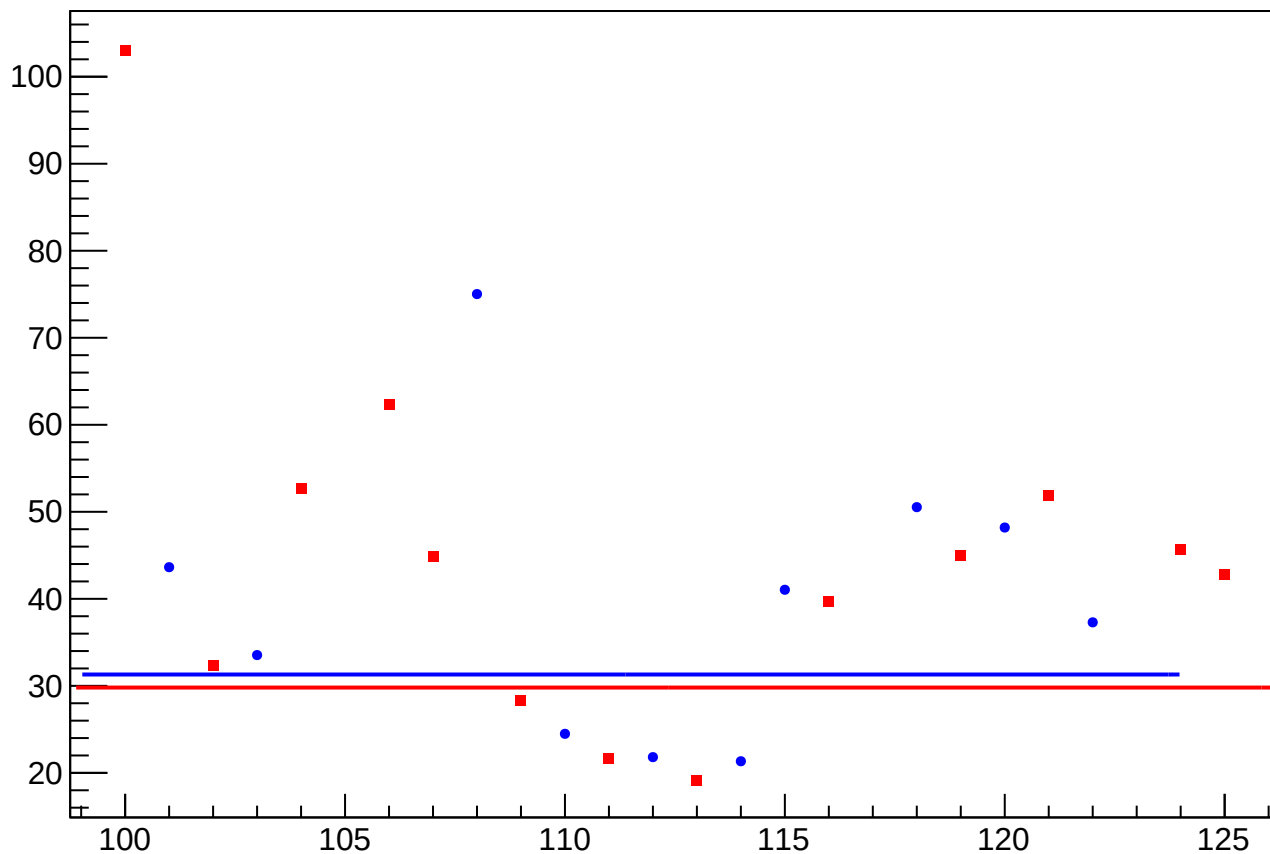
Right: 0.001+/-0.011 χ^2/NDF : 28.1/22

In: 0.032+/-0.017 χ^2/NDF : 12.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.011 χ^2/NDF : 28.1/22

asym_sam_3748_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.304+/-0.012 χ^2/NDF : 883449.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.804+/-0.010 χ^2/NDF : 1227930.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

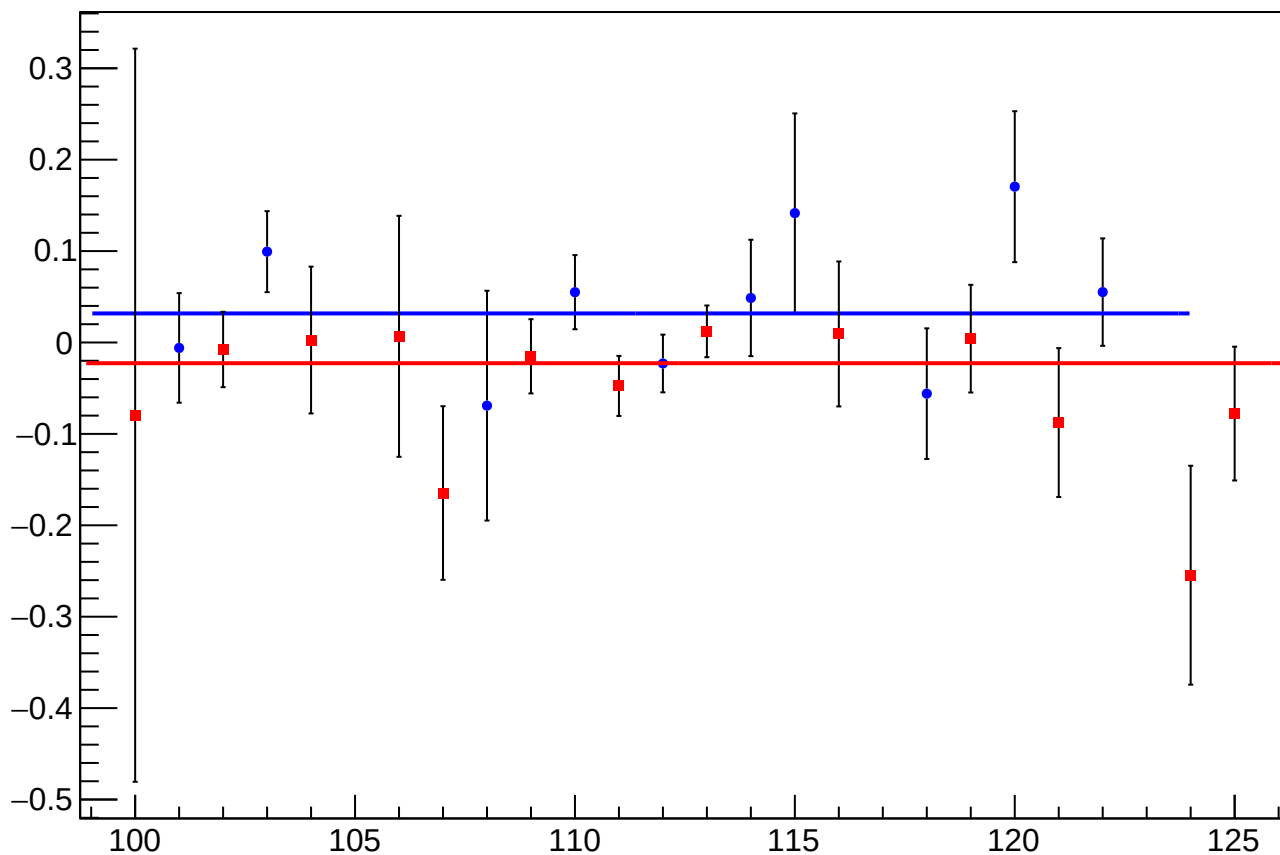
Right: 30.448+/-0.008 χ^2/NDF : 2120172.0/22

In: 31.304+/-0.012 χ^2/NDF : 883449.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.448+/-0.008 χ^2/NDF : 2120172.0/22

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: -0.023+/-0.015 χ^2/NDF : 10.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

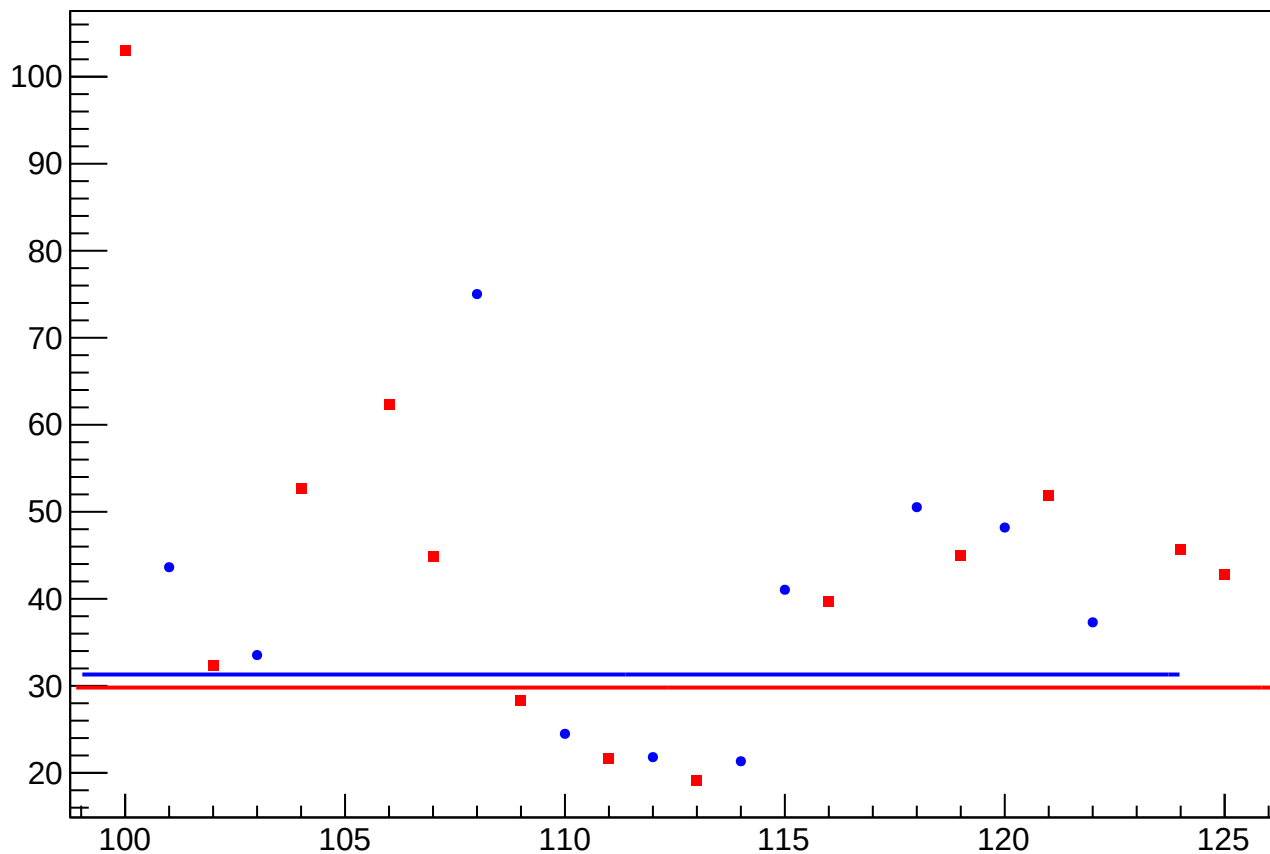
Right: 0.001+/-0.011 χ^2/NDF : 28.1/22

In: 0.032+/-0.017 χ^2/NDF : 12.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.011 χ^2/NDF : 28.1/22

asym_sam_3748_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.304+/-0.012 χ^2/NDF : 883449.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.804+/-0.010 χ^2/NDF : 1227930.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

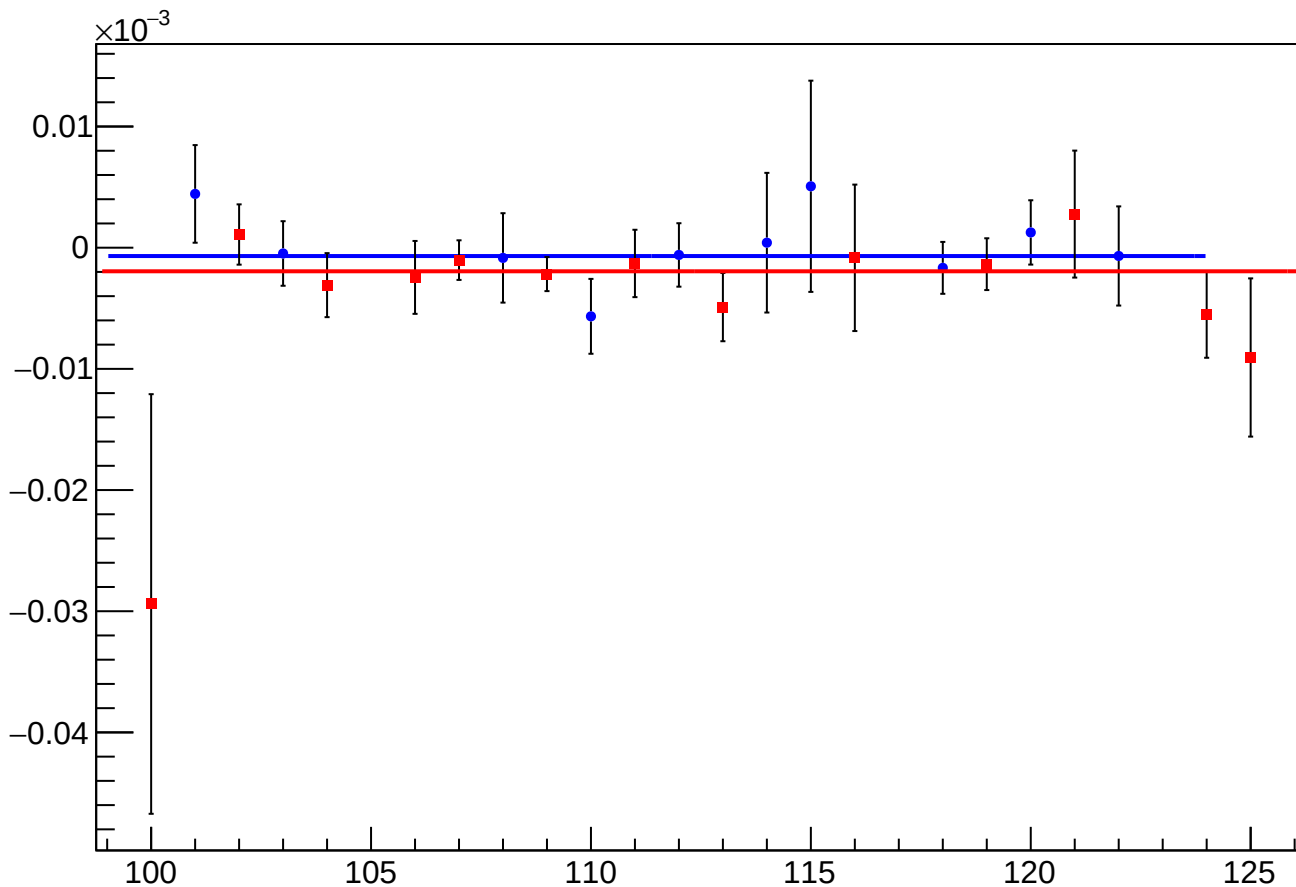
Right: 30.448+/-0.008 χ^2/NDF : 2120172.0/22

In: 31.304+/-0.012 χ^2/NDF : 883449.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.448+/-0.008 χ^2/NDF : 2120172.0/22

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: 8.8/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

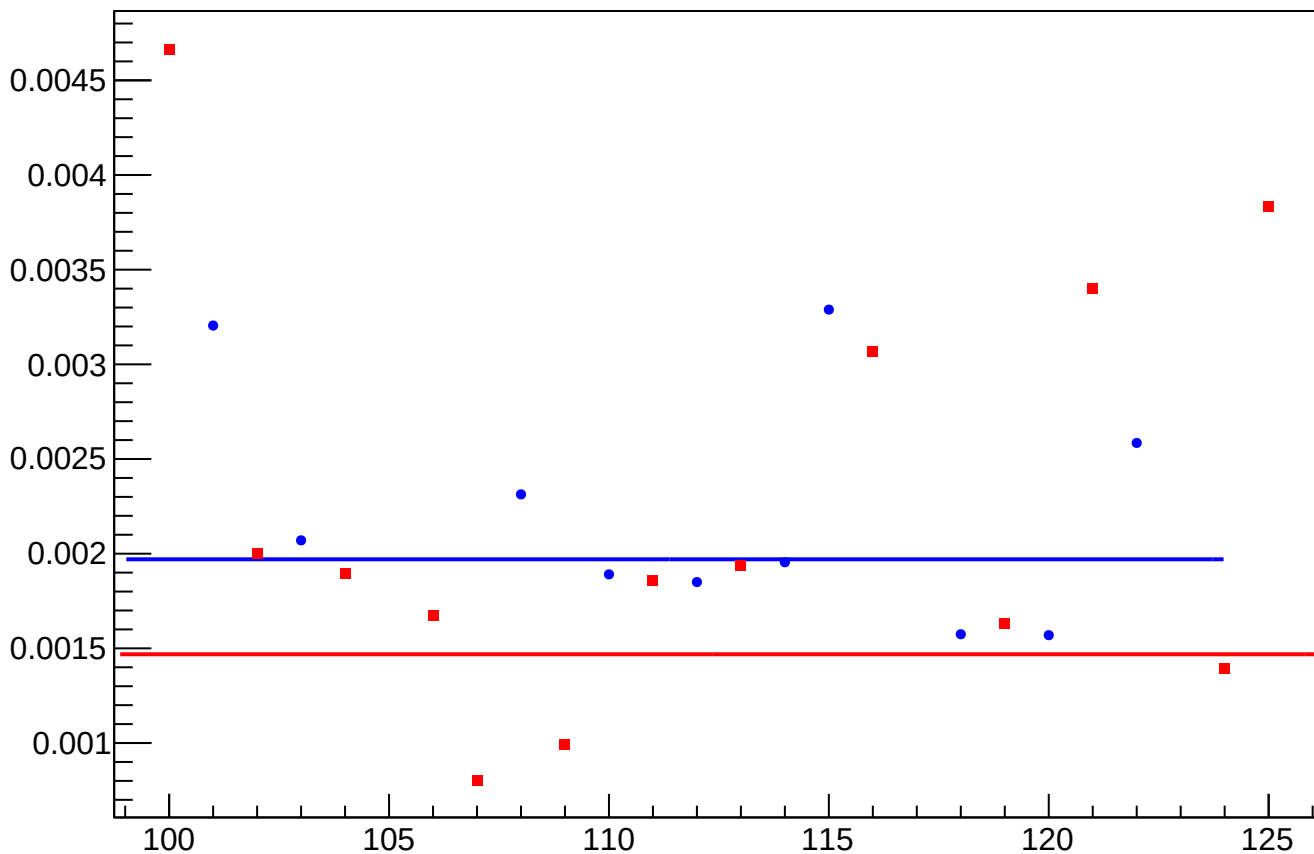
Right: -0.000+/-0.000 χ^2 /NDF: 15.3/22

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: 15.3/22

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 : 1564804.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

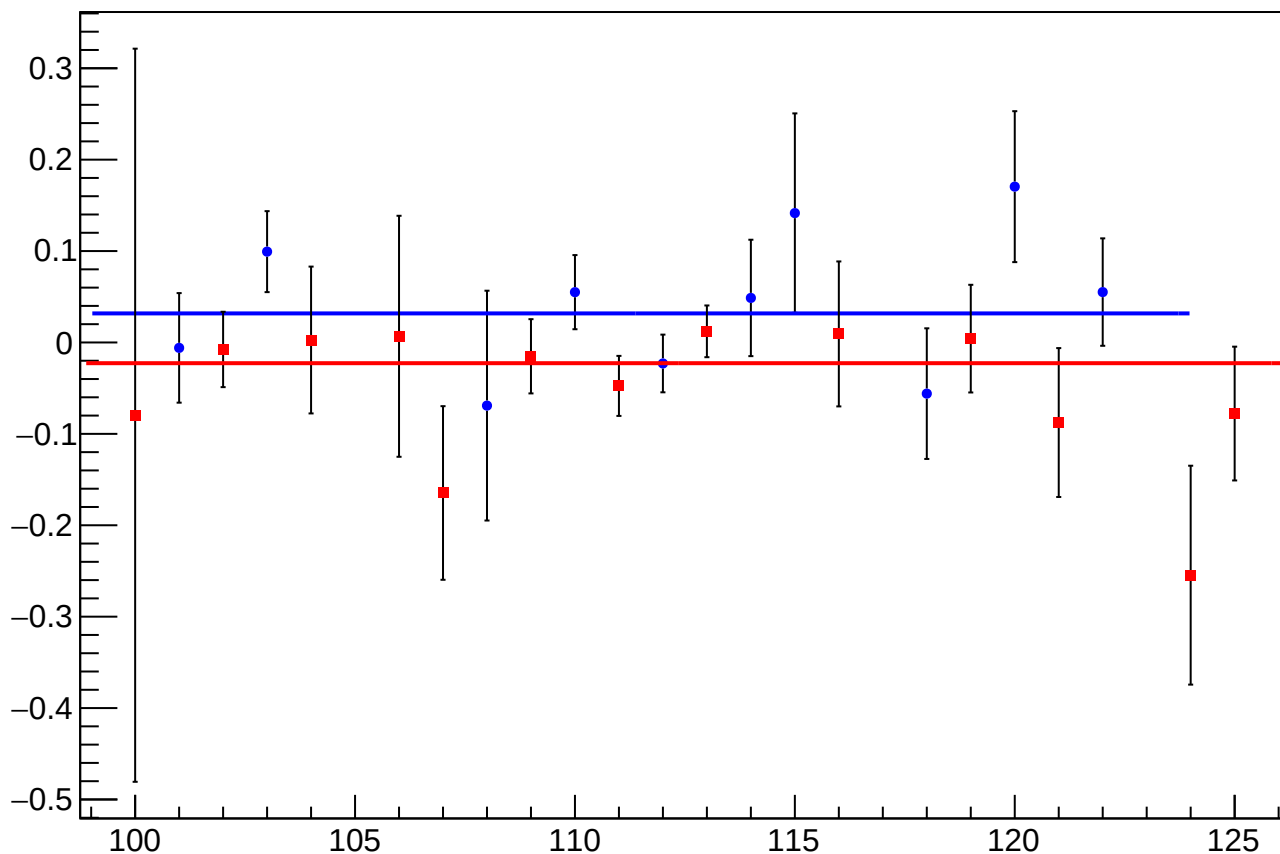
Right: 0.002+/-0.000 χ^2/NDF : 2312920.4/22

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 : 2312920.4/22

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: -0.023+/-0.015 χ^2/NDF : 10.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

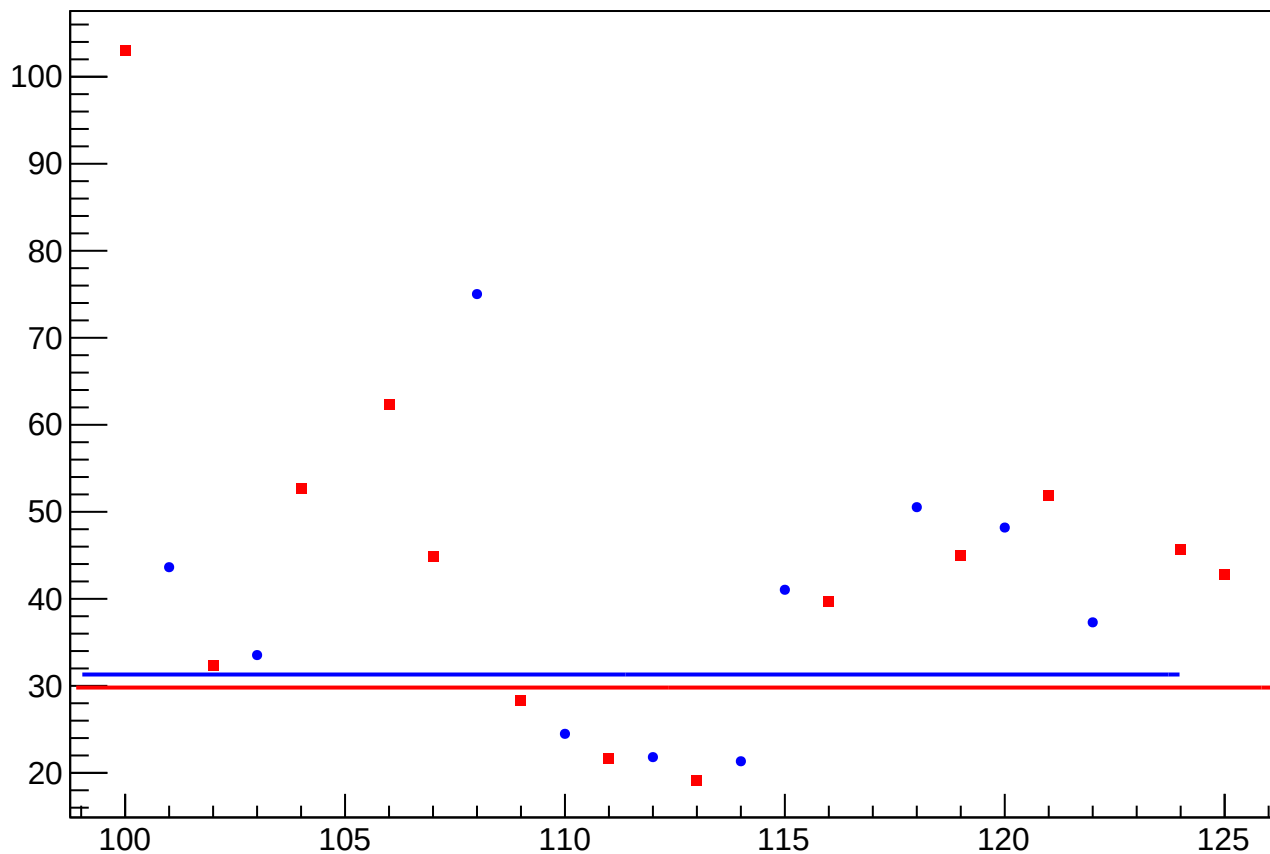
Right: 0.001+/-0.011 χ^2/NDF : 28.1/22

In: 0.032+/-0.017 χ^2/NDF : 12.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.011 χ^2/NDF : 28.1/22

asym_sam_3748_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.304+/-0.012 χ^2/NDF : 883441.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.805+/-0.010 χ^2/NDF : 1227910.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

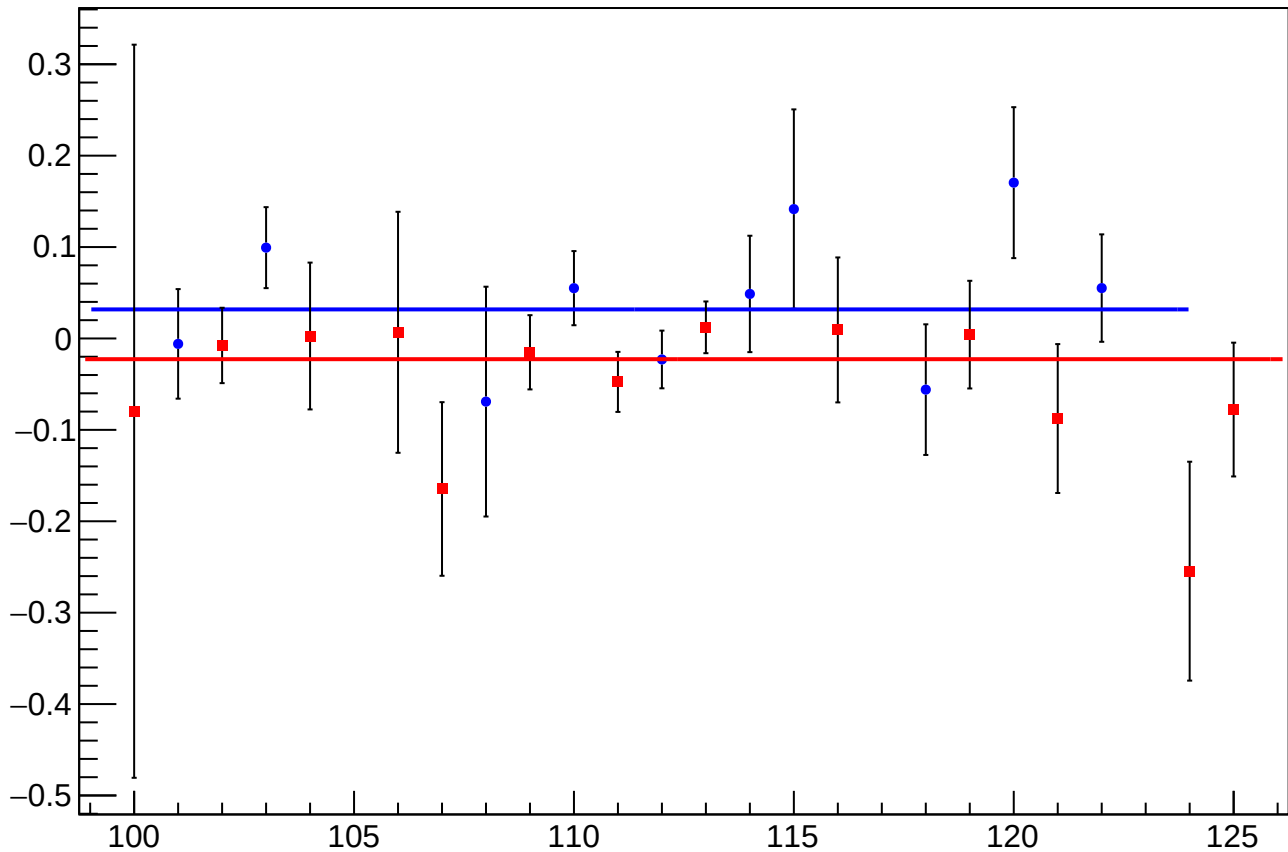
Right: 30.449+/-0.008 χ^2/NDF : 2120145.1/22

In: 31.304+/-0.012 χ^2/NDF : 883441.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.449+/-0.008 χ^2/NDF : 2120145.1/22

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: -0.023+/-0.015 χ^2/NDF : 10.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

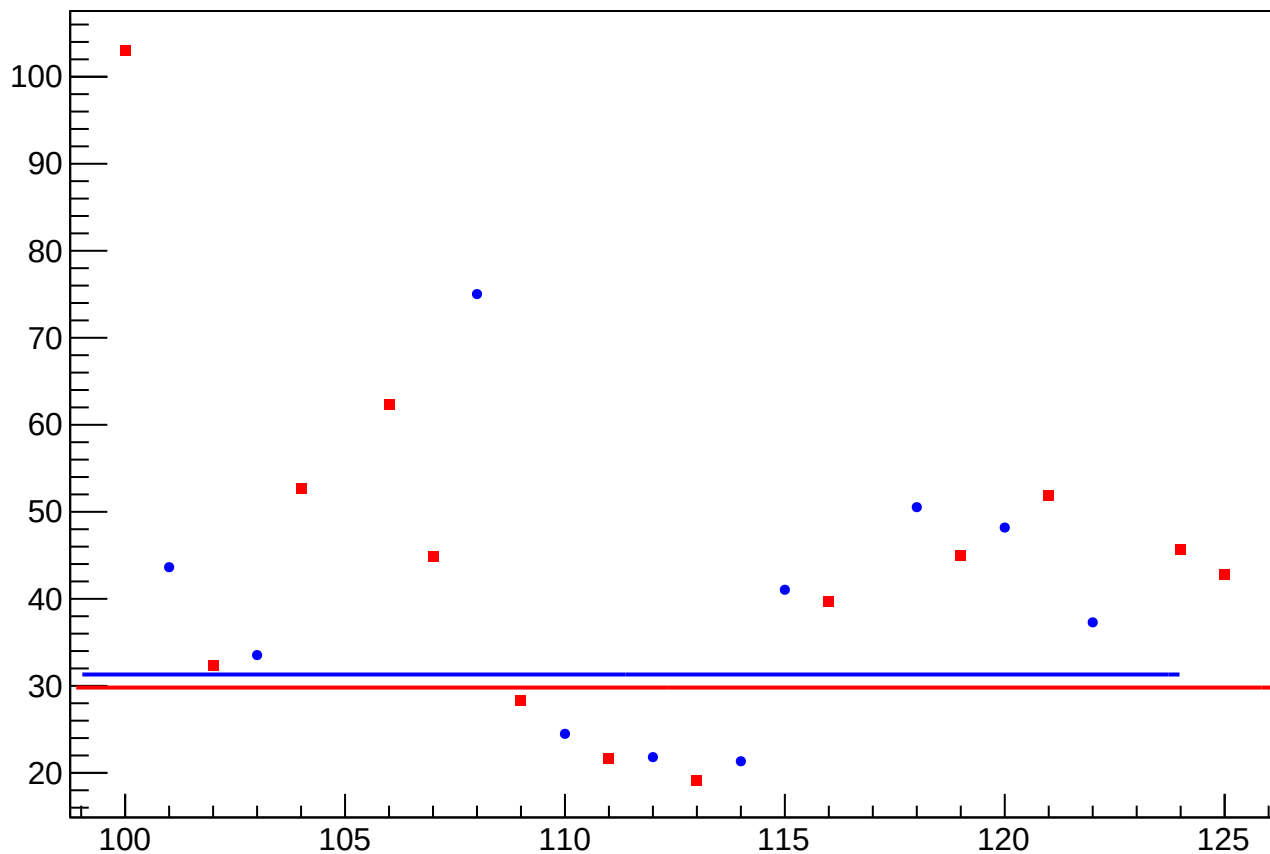
Right: 0.001+/-0.011 χ^2/NDF : 28.1/22

In: 0.032+/-0.017 χ^2/NDF : 12.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.011 χ^2/NDF : 28.1/22

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.304+/-0.012 χ^2/NDF : 883441.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.805+/-0.010 χ^2/NDF : 1227910.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

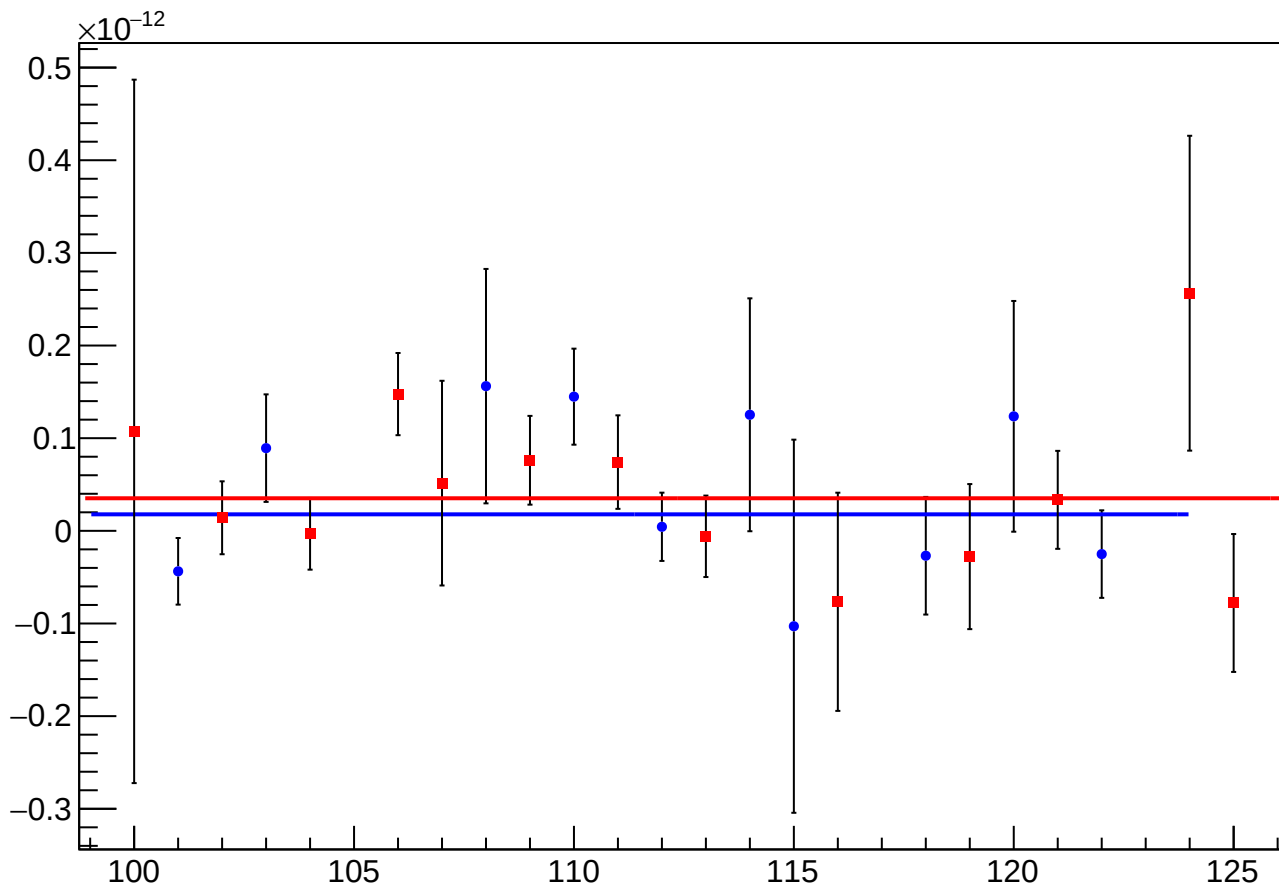
Right: 30.449+/-0.008 χ^2/NDF : 2120145.1/22

In: 31.304+/-0.012 χ^2/NDF : 883441.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.449+/-0.008 χ^2/NDF : 2120145.1/22

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 : 15.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

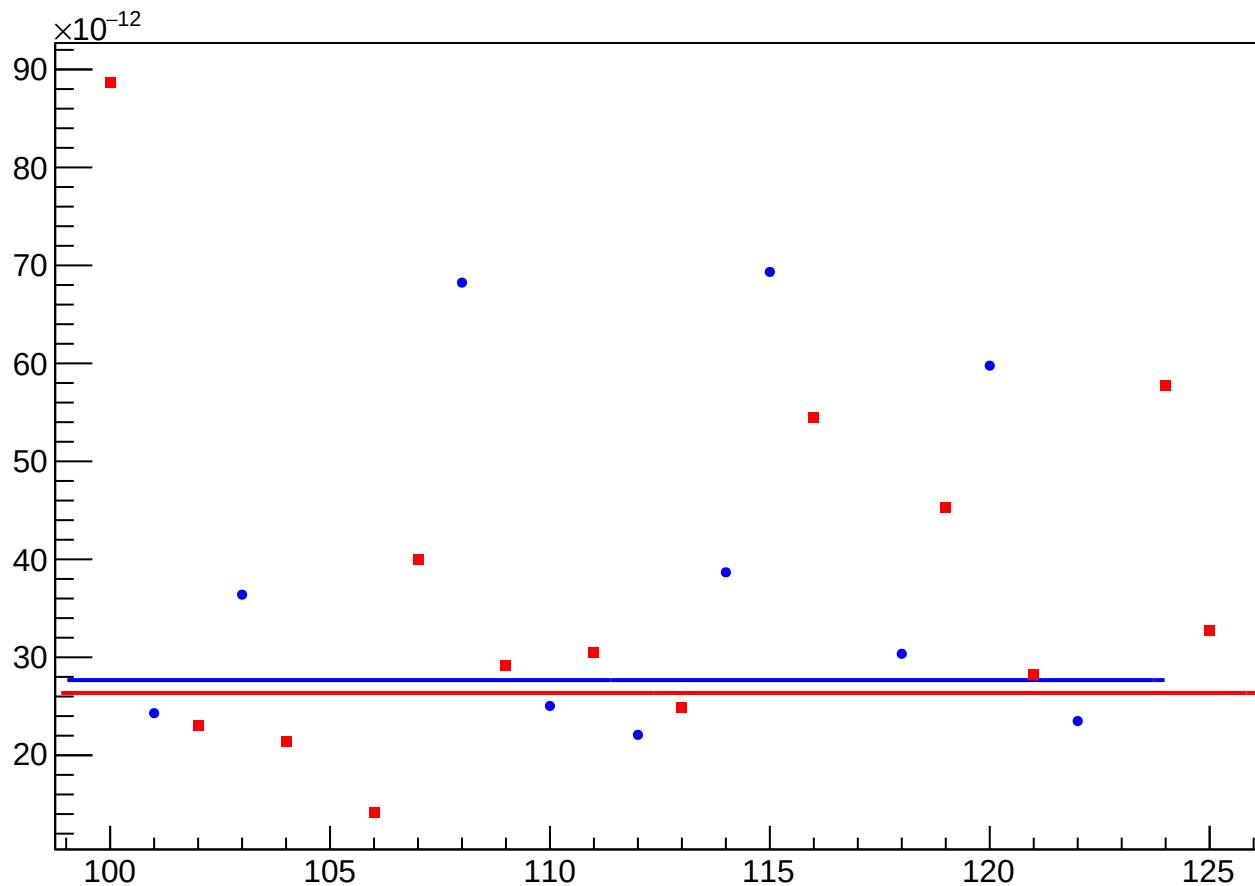
Right: 0.000+/-0.000 χ^2/NDF : 30.9/22

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 : 30.9/22

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 : 622053.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

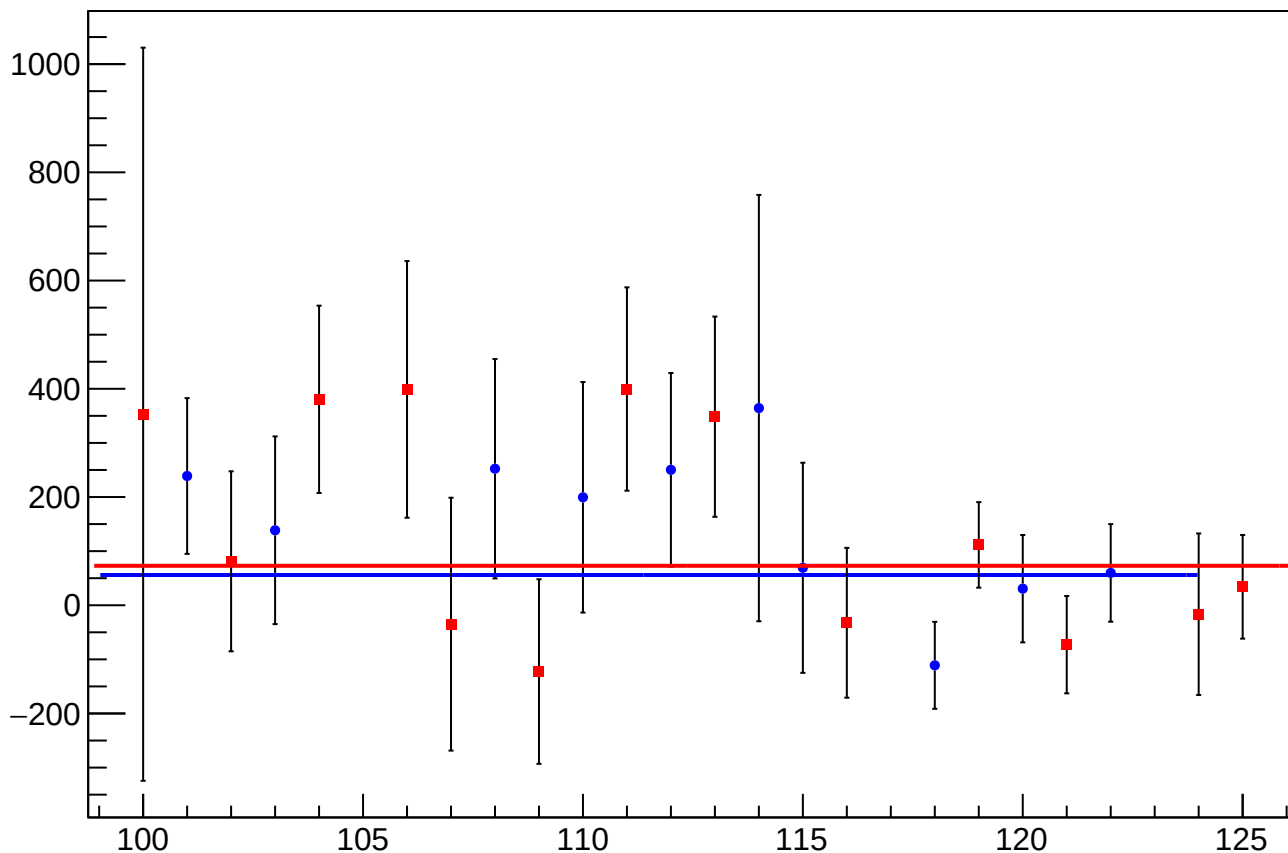
Right: 0.000+/-0.000 χ^2/NDF : 1200780.9/22

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 : 1200780.9/22

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: 72.912+/-38.082 χ^2/NDF : 16.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

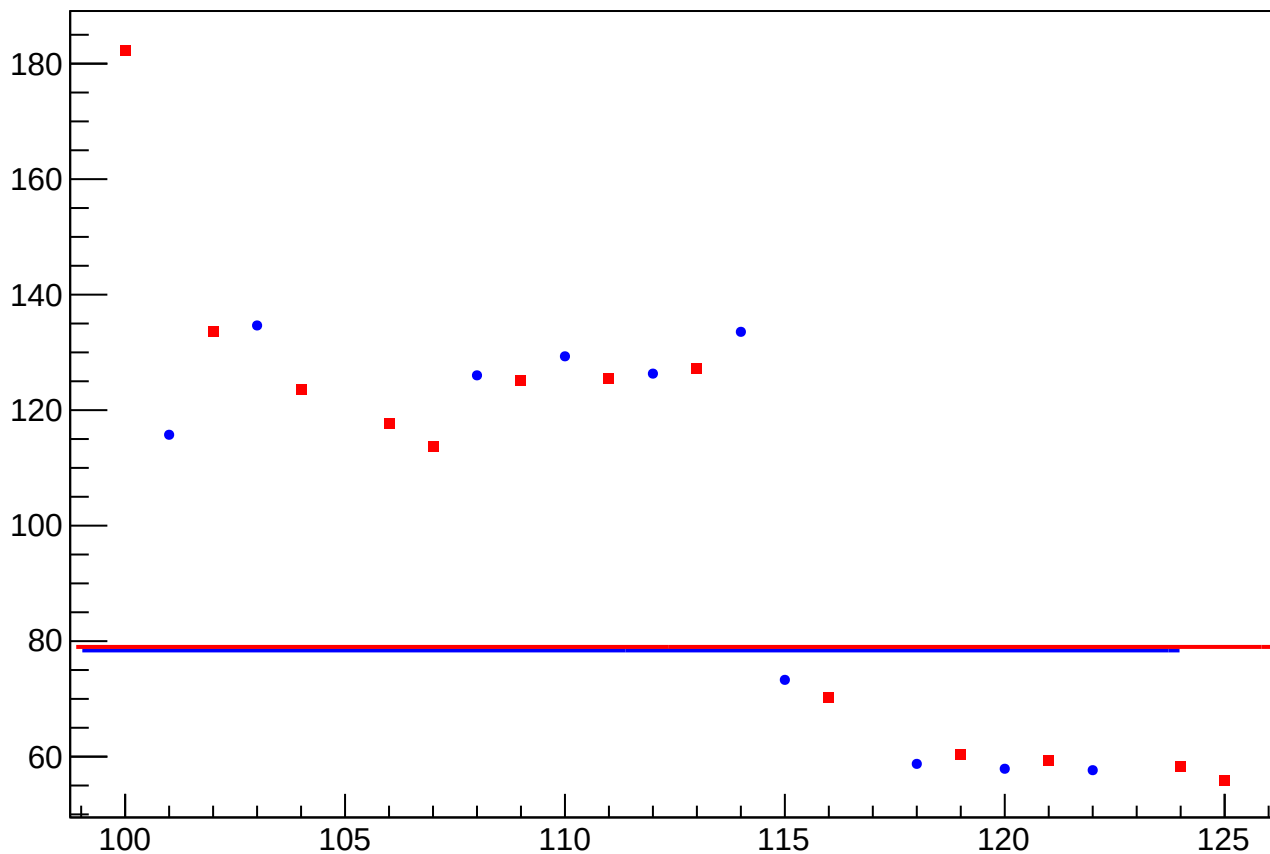
Right: 65.205+/-28.160 χ^2/NDF : 25.5/22

In: 55.907+/-41.829 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.205+/-28.160 χ^2/NDF : 25.5/22

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: 78.999+/-0.027 χ^2/NDF : 1266590.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

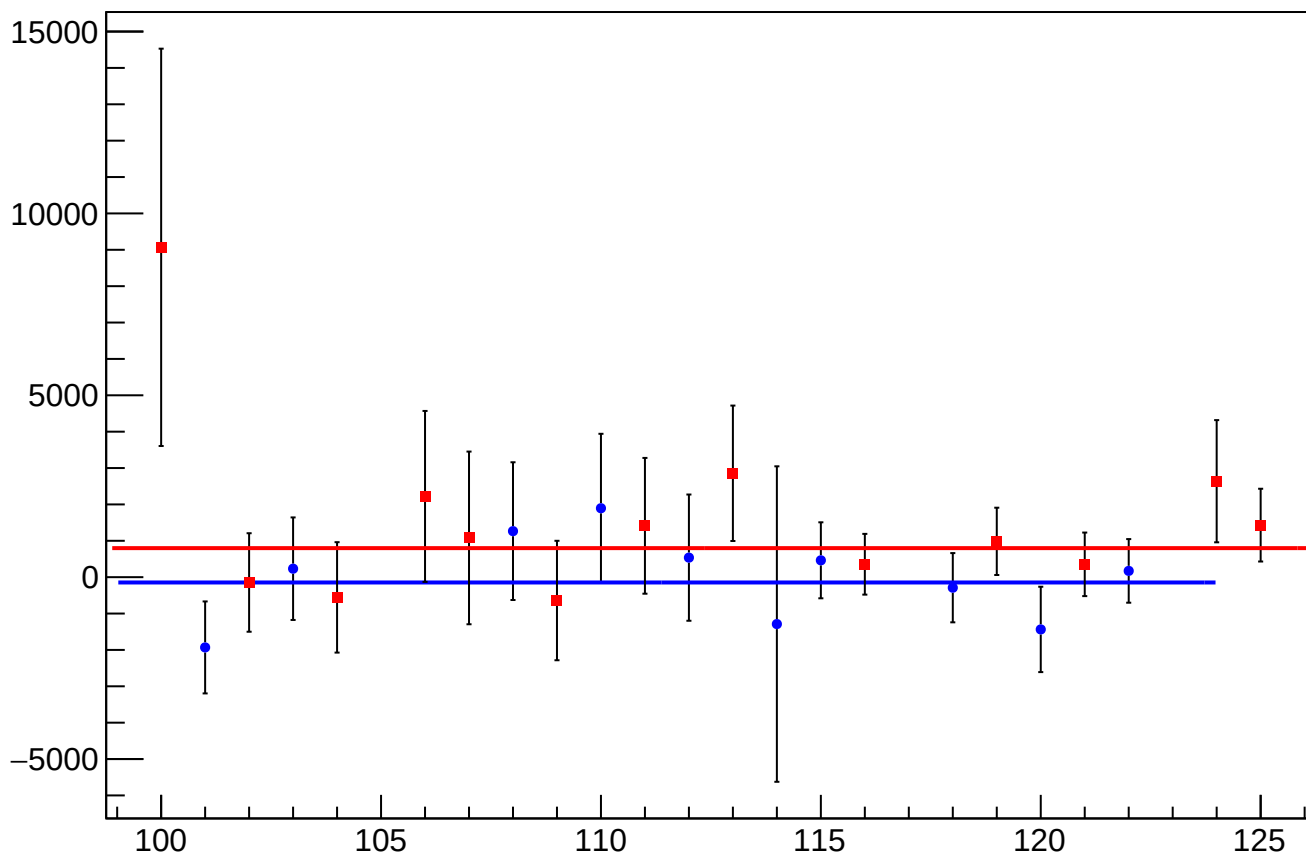
Right: 78.725+/-0.020 χ^2/NDF : 2331539.4/22

In: 78.394+/-0.030 χ^2/NDF :1064720.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 78.725+/-0.020 χ^2/NDF : 2331539.4/22

asym_sam_1526_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -145.868+/-405.347 χ^2/NDF : 5.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 798.400+/-363.078 χ^2/NDF : 8.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

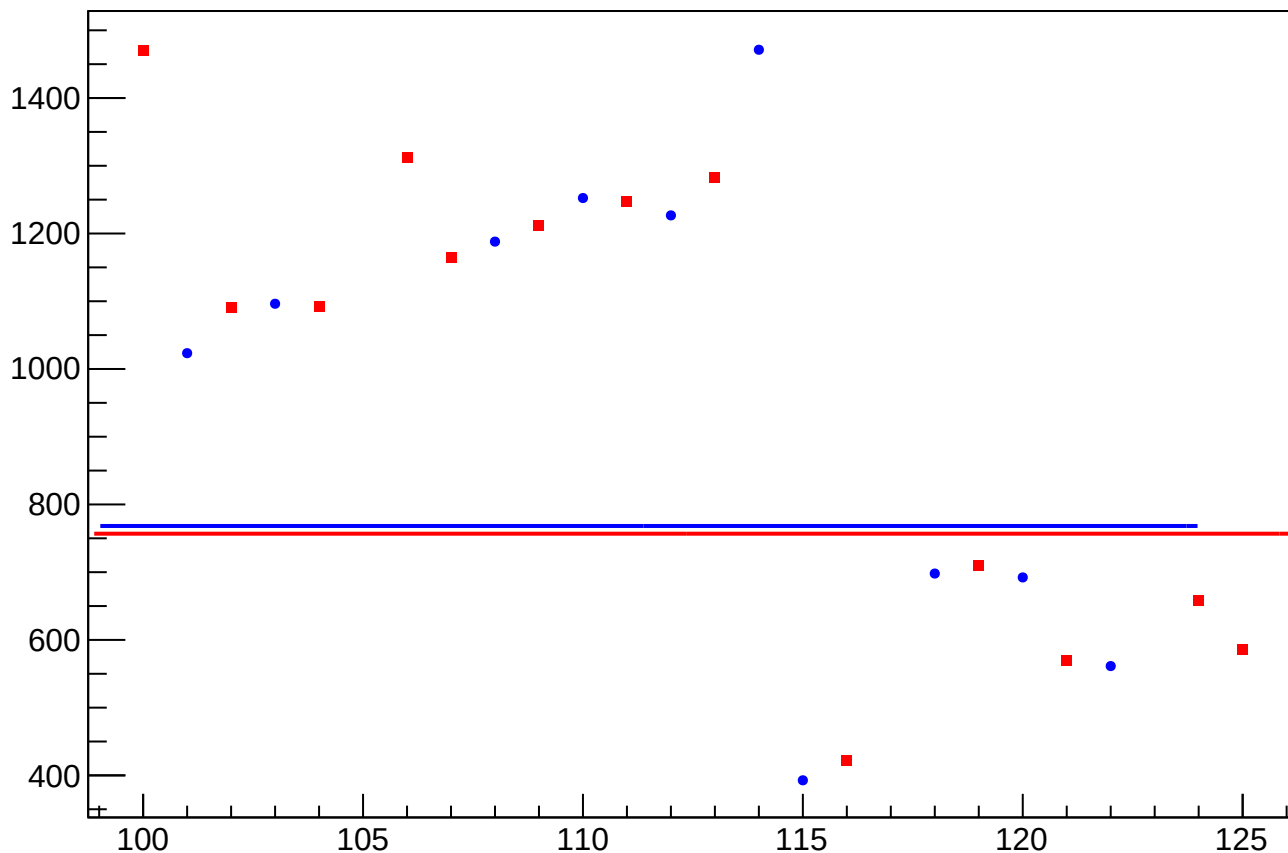
Right: 378.051+/-270.448 χ^2/NDF : 16.8/22

In: -145.868+/-405.347 χ^2/NDF : 5.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 378.051+/-270.448 χ^2/NDF : 16.8/22

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: 756.814+/-0.257 χ^2/NDF : 1359818.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

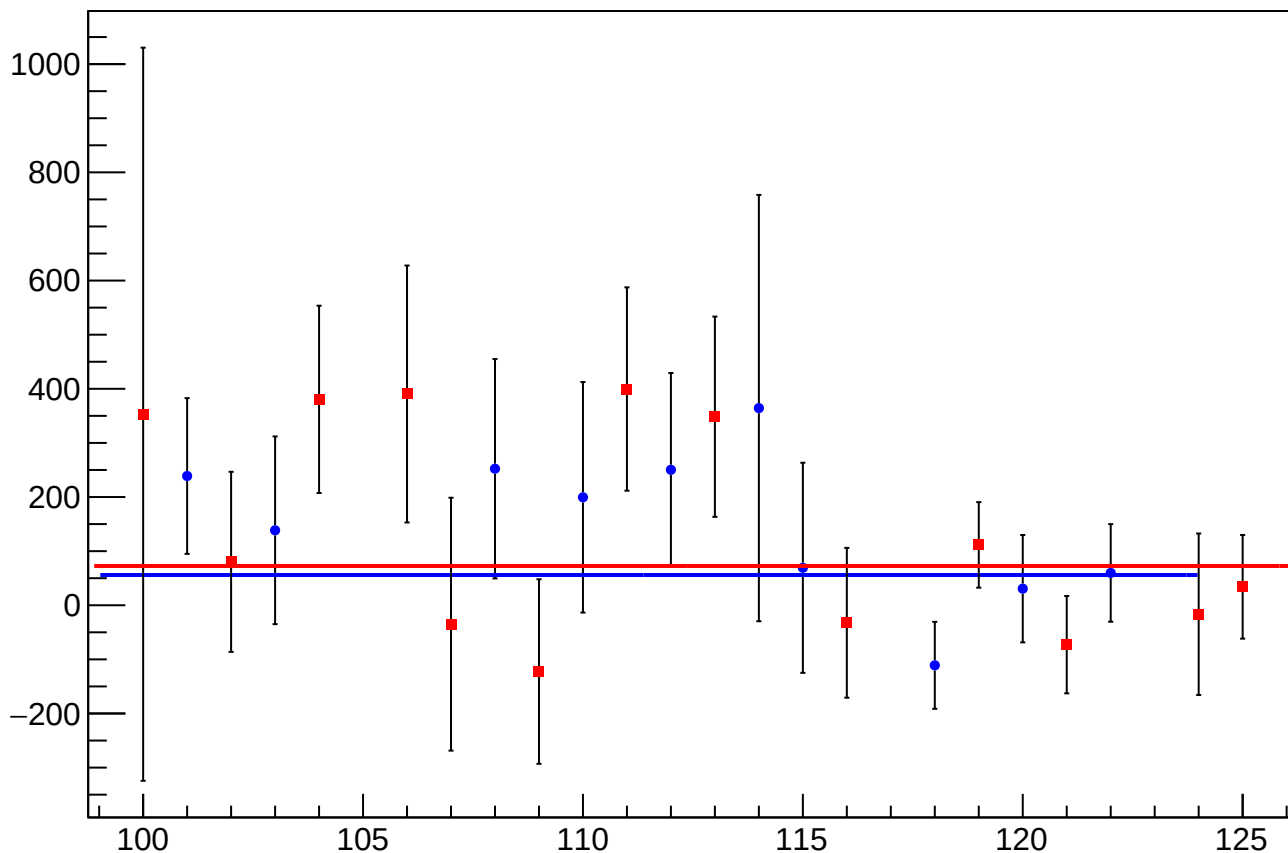
Right: 761.889+/-0.191 χ^2/NDF : 2342577.2/22

In: 768.213+/-0.287 χ^2/NDF : 981880.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 761.889+/-0.191 χ^2/NDF : 2342577.2/22

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: 72.607+/-38.084 χ^2/NDF : 15.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

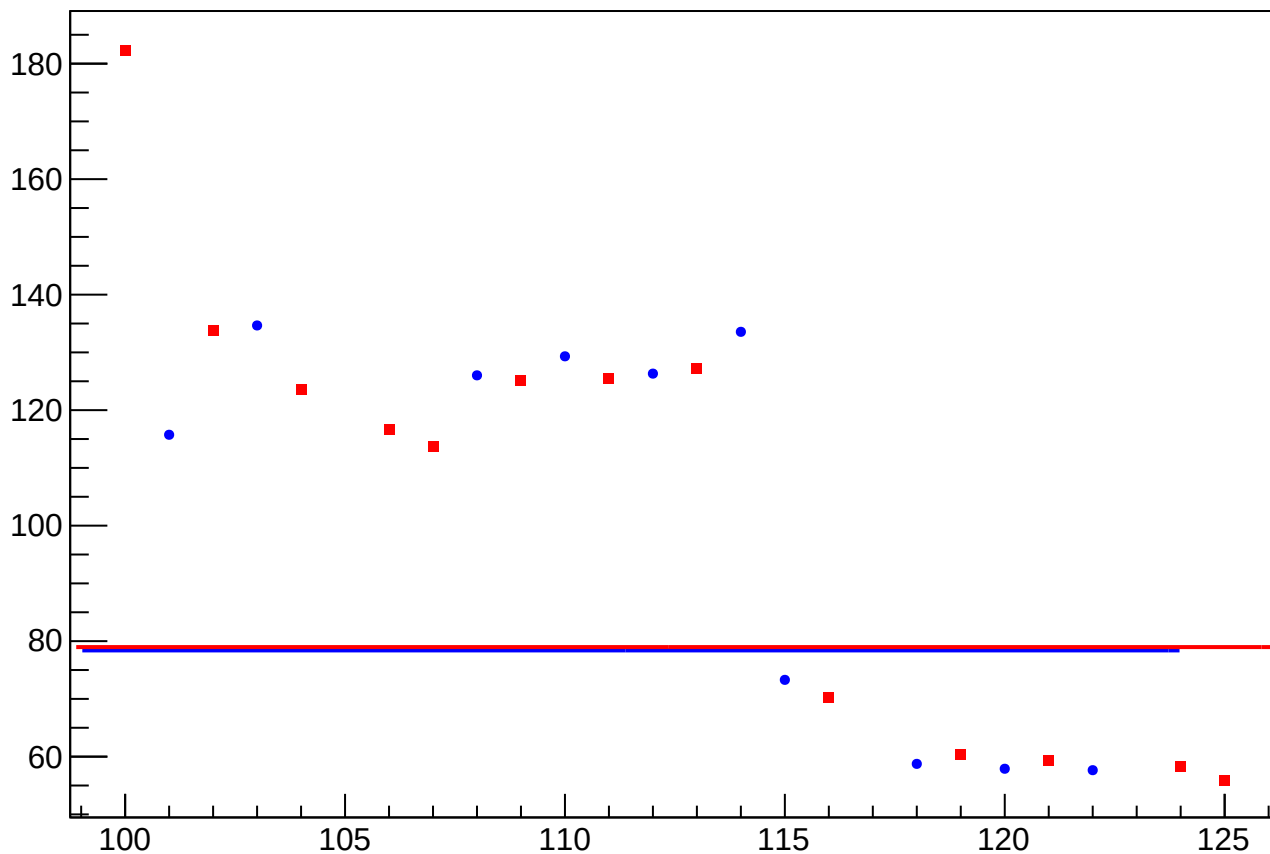
Right: 65.035+/-28.161 χ^2/NDF : 25.4/22

In: 55.900+/-41.829 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.035+/-28.161 χ^2/NDF : 25.4/22

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: 78.972+/-0.027 χ^2/NDF : 1264055.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

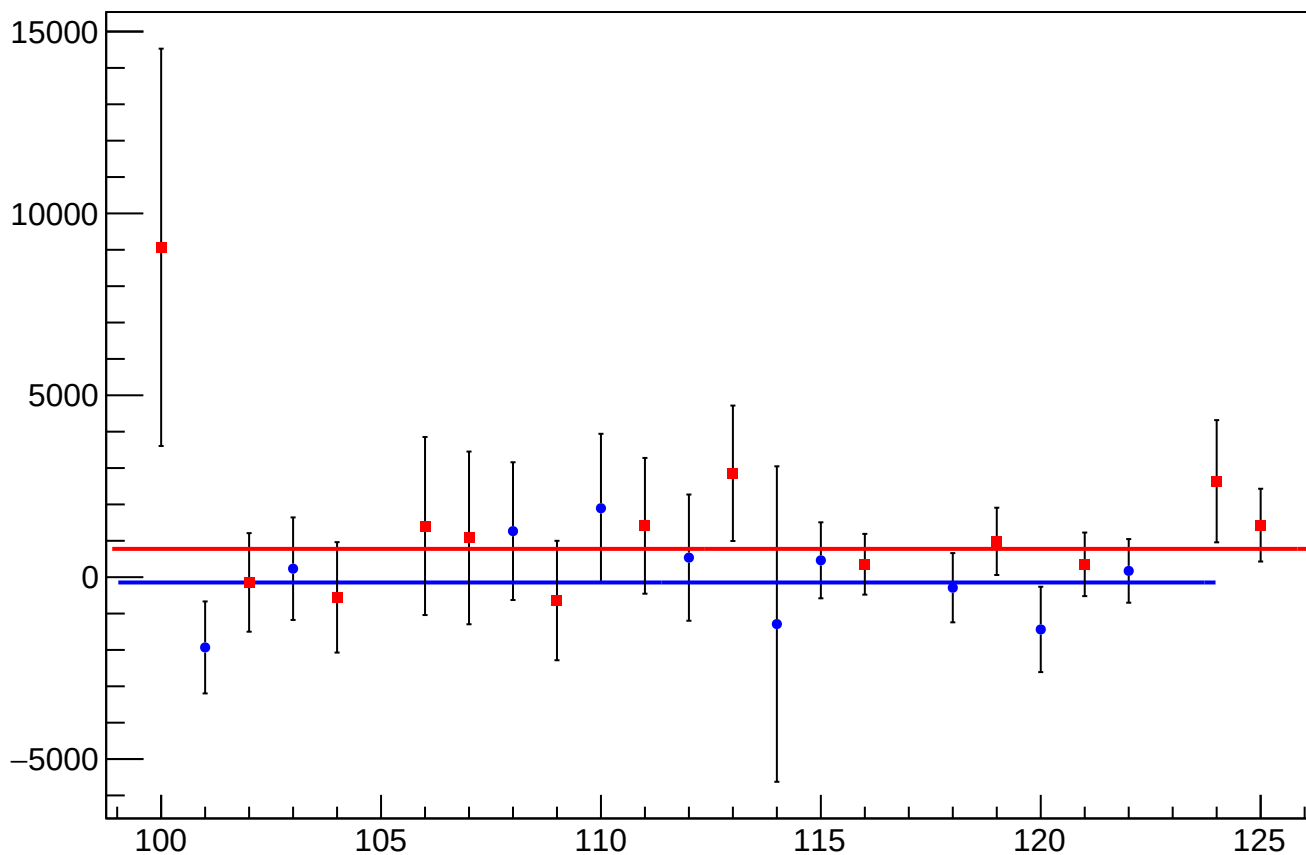
Right: 78.710+/-0.020 χ^2/NDF : 2328986.1/22

In: 78.394+/-0.030 χ^2/NDF : 1064722.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.710+/-0.020 χ^2/NDF : 2328986.1/22

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: 778.054+/-363.438 χ^2/NDF : 7.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

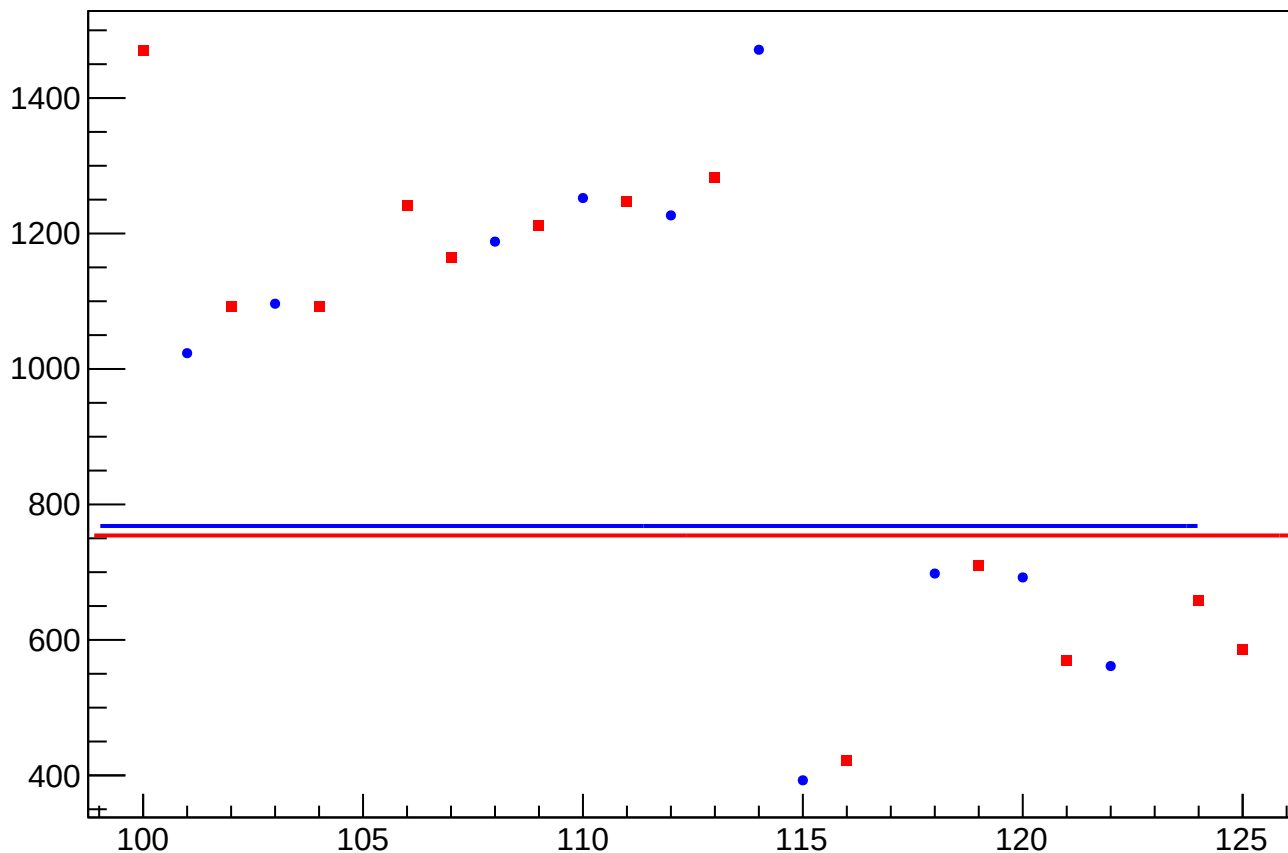
Right: 366.334+/-270.597 χ^2/NDF : 16.4/22

In: -145.819+/-405.348 χ^2/NDF : 5.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 366.334+/-270.597 χ^2/NDF : 16.4/22

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: 754.203+/-0.257 χ^2/NDF : 1326310.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

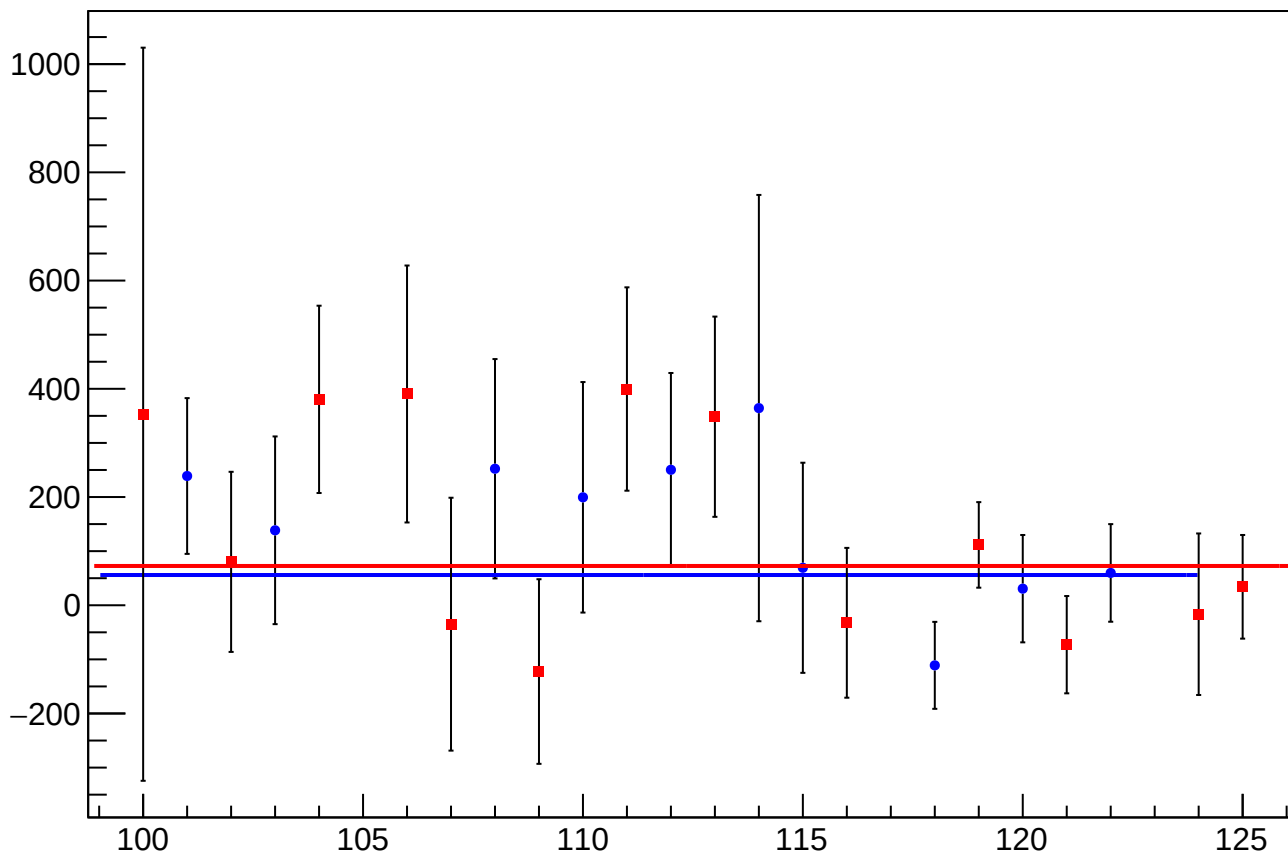
Right: 760.447+/-0.191 χ^2/NDF : 2309549.5/22

In: 768.214+/-0.287 χ^2/NDF : 981914.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 760.447+/-0.191 χ^2/NDF : 2309549.5/22

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: 72.607+/-38.084 χ^2/NDF : 15.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

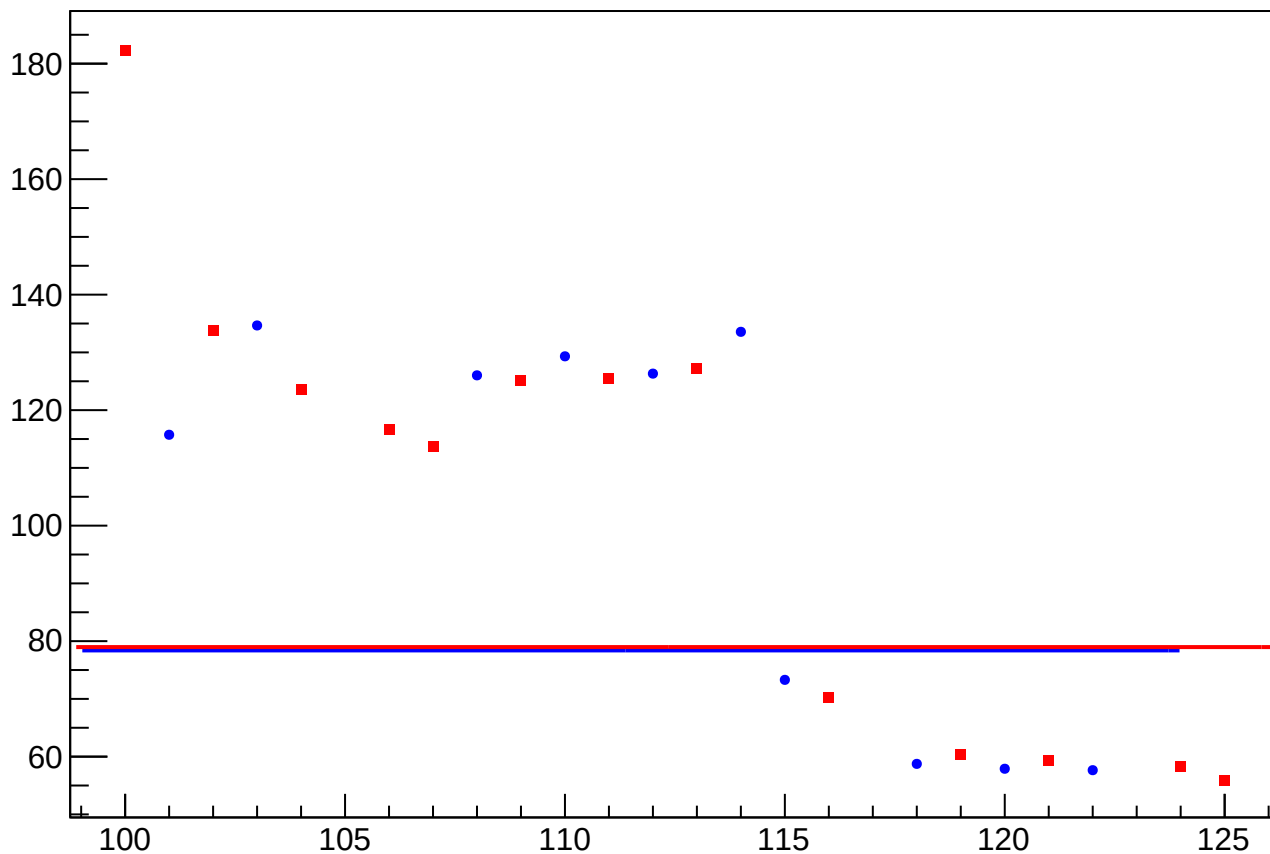
Right: 65.035+/-28.161 χ^2/NDF : 25.4/22

In: 55.900+/-41.829 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.035+/-28.161 χ^2/NDF : 25.4/22

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: 78.972+/-0.027 χ^2/NDF : 1264055.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

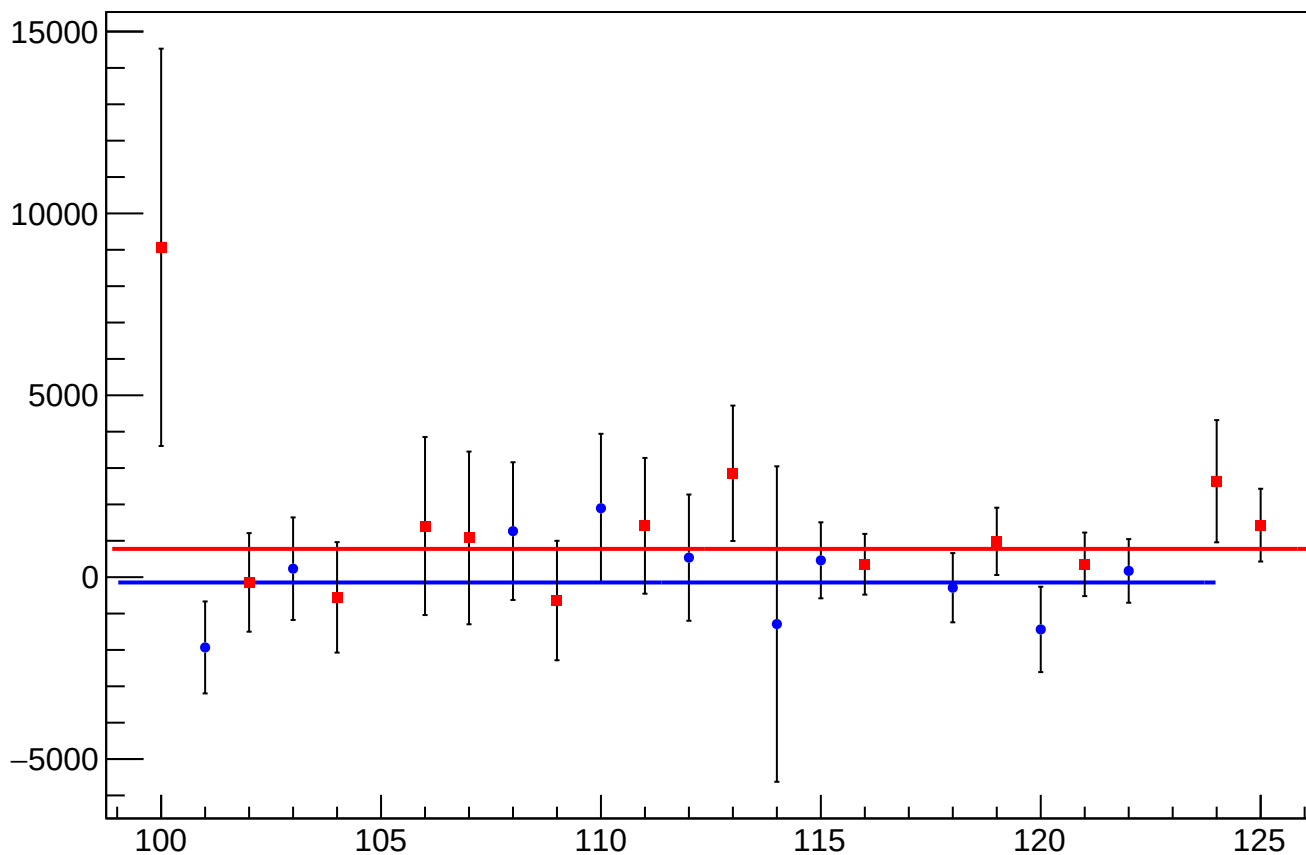
Right: 78.710+/-0.020 χ^2/NDF : 2328986.1/22

In: 78.394+/-0.030 χ^2/NDF : 1064722.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.710+/-0.020 χ^2/NDF : 2328986.1/22

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: 778.054+/-363.438 χ^2/NDF : 7.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

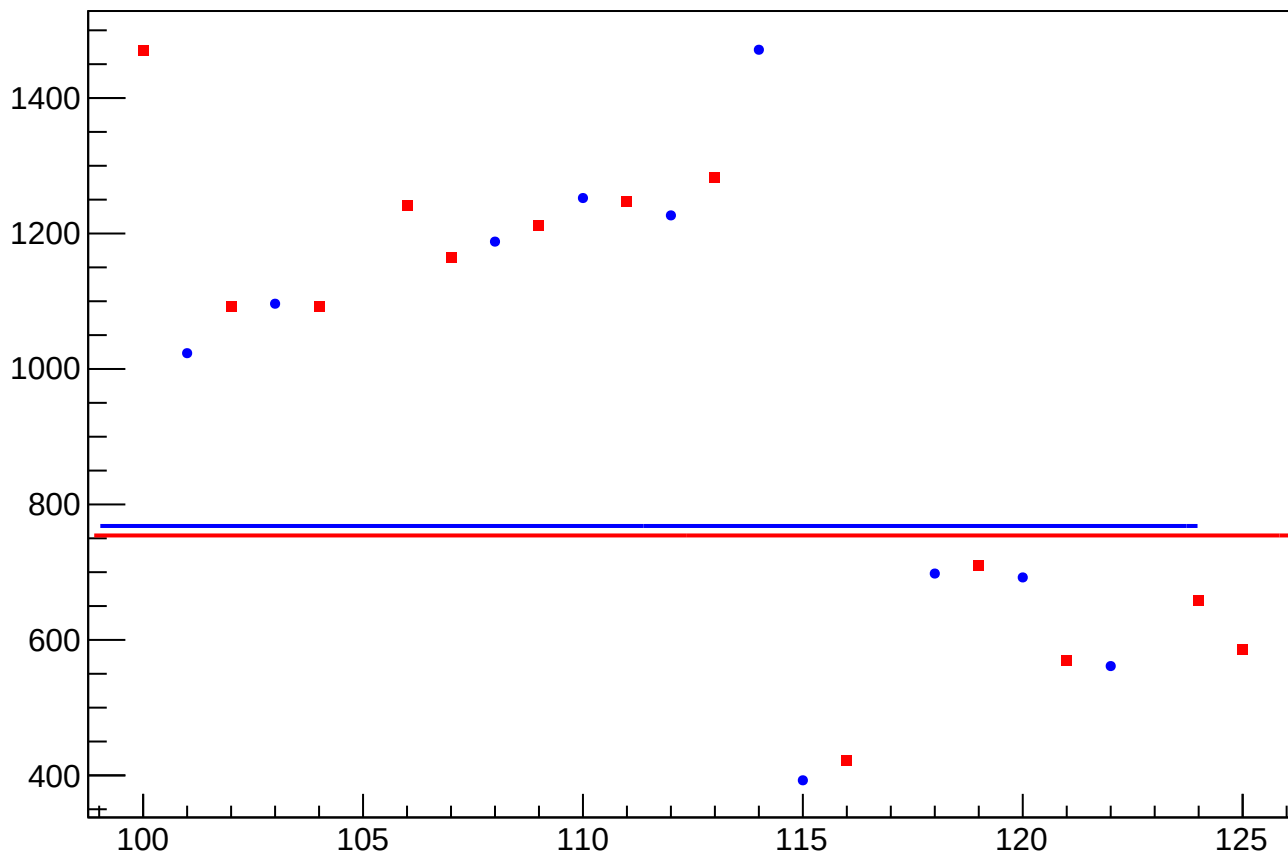
Right: 366.334+/-270.597 χ^2/NDF : 16.4/22

In: -145.819+/-405.348 χ^2/NDF : 5.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 366.334+/-270.597 χ^2/NDF : 16.4/22

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: 754.203+/-0.257 χ^2/NDF : 1326310.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

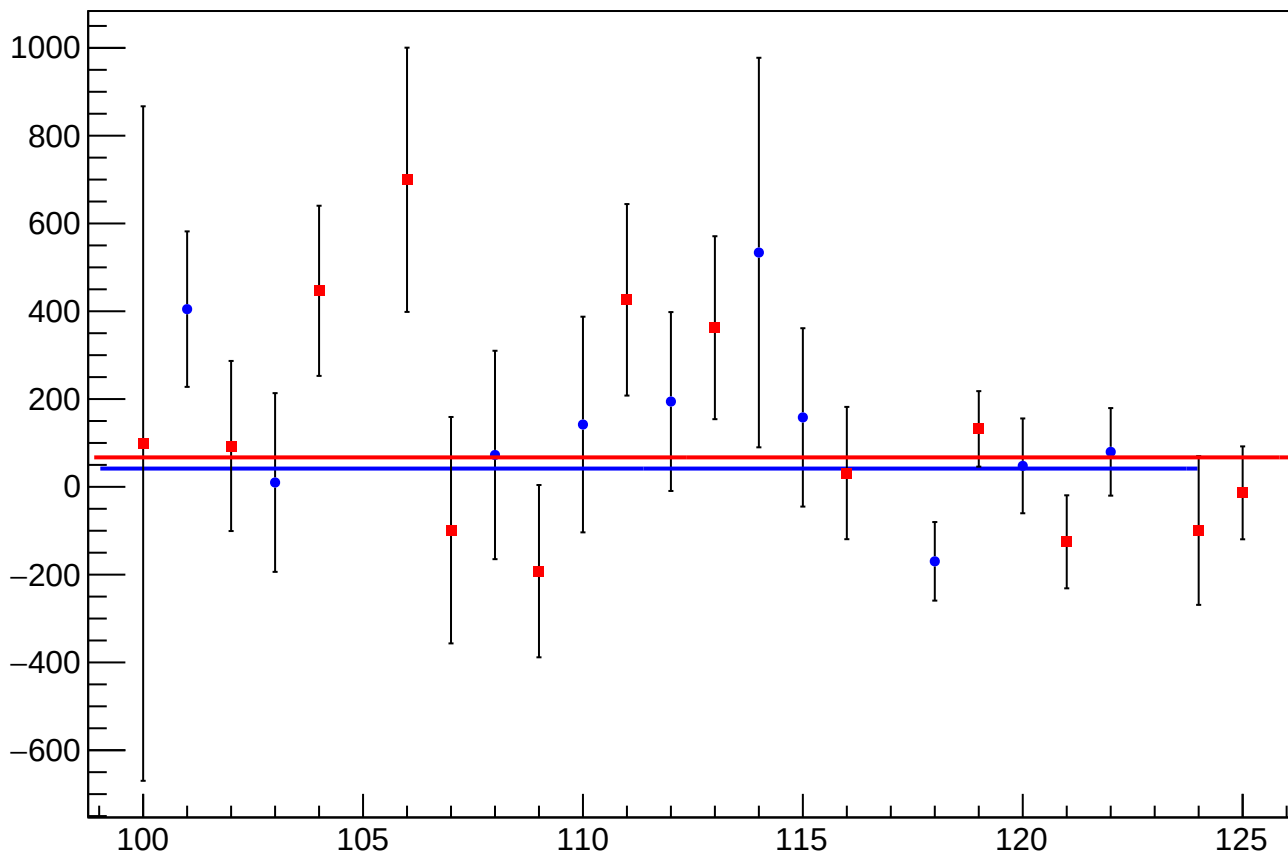
Right: 760.447+/-0.191 χ^2/NDF : 2309549.5/22

In: 768.214+/-0.287 χ^2/NDF : 981914.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 760.447+/-0.191 χ^2/NDF : 2309549.5/22

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: 67.139+/-42.897 χ^2/NDF : 20.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

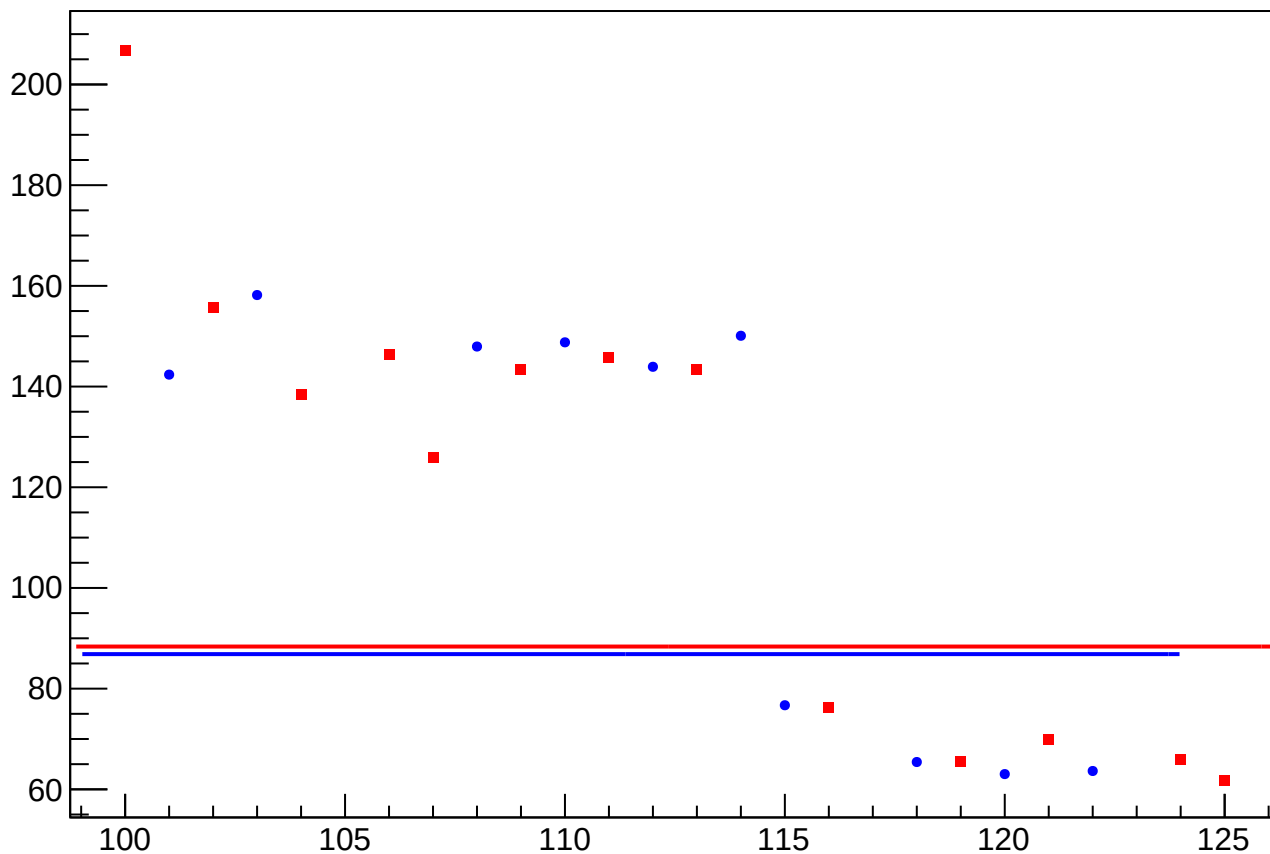
Right: 55.528+/-31.652 χ^2/NDF : 33.0/22

In: 41.652+/-46.893 χ^2/NDF : 12.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.528+/-31.652 χ^2/NDF : 33.0/22

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: 88.362+/-0.030 χ^2/NDF : 1349135.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

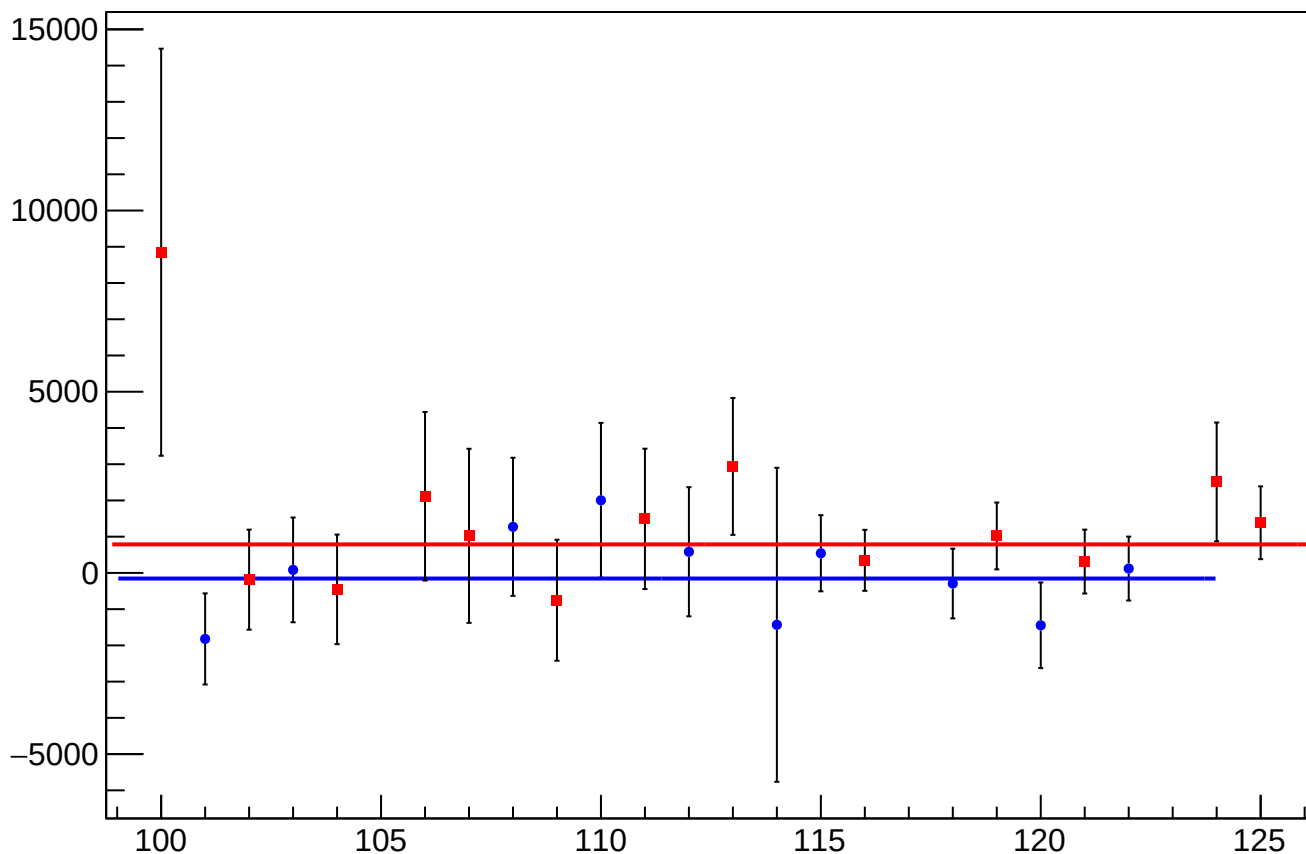
Right: 87.676+/-0.022 χ^2/NDF : 2574540.8/22

In: 86.857+/-0.033 χ^2/NDF : 1224284.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.676+/-0.022 χ^2/NDF : 2574540.8/22

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: 787.604+/-365.248 χ^2/NDF : 7.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

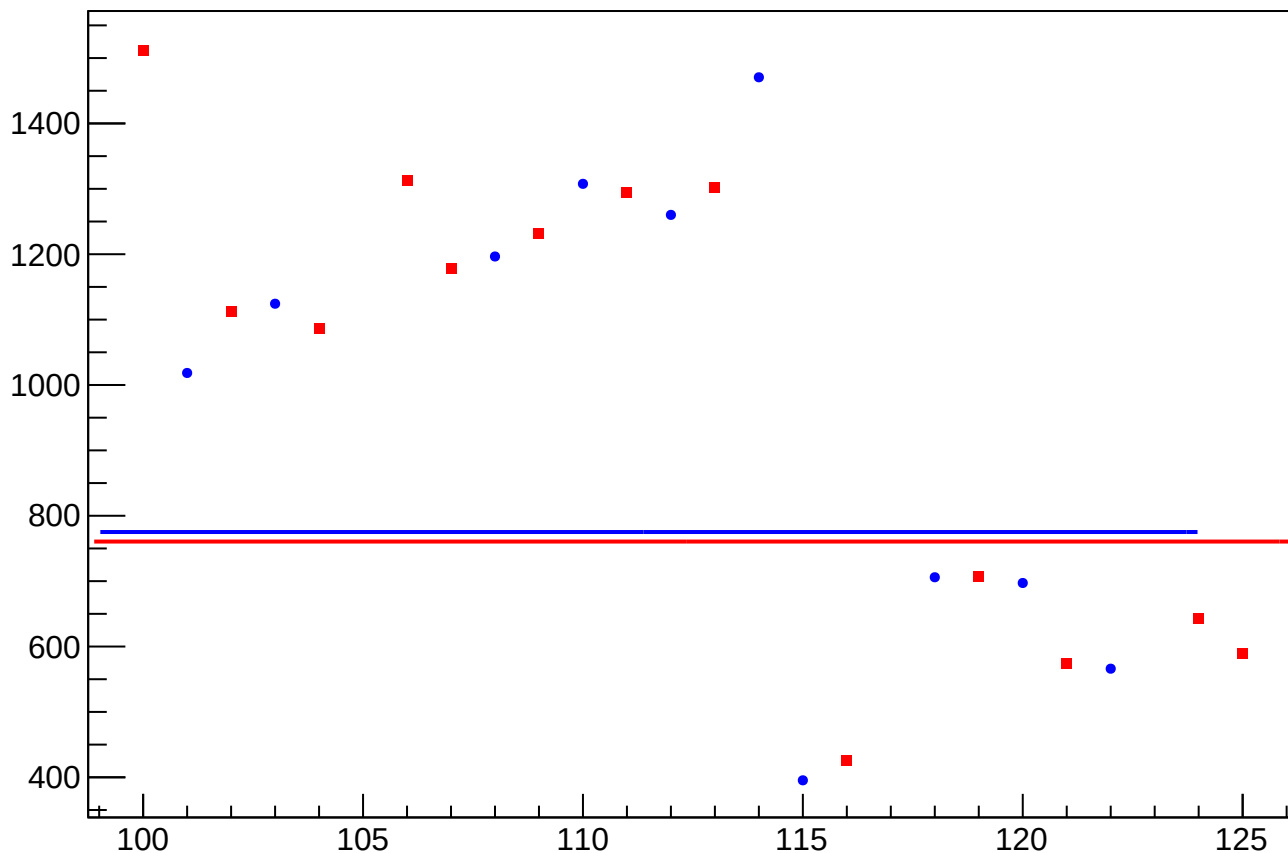
Right: 370.102+/-272.574 χ^2/NDF : 16.3/22

In: -154.666+/-409.489 χ^2/NDF : 5.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 370.102+/-272.574 χ^2/NDF : 16.3/22

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: 760.550+/-0.258 χ^2/NDF : 1390119.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

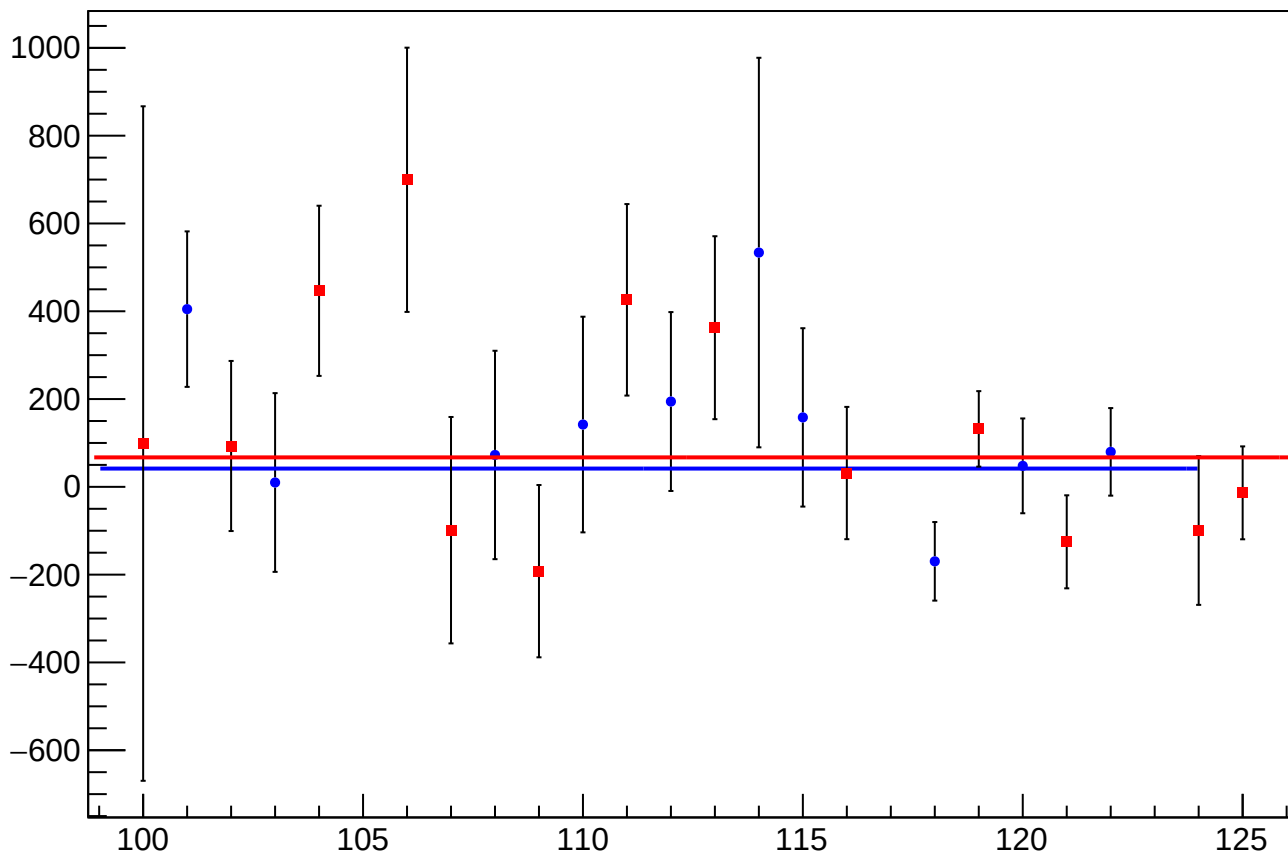
Right: 767.018+/-0.193 χ^2/NDF : 2397559.3/22

In: 775.146+/-0.290 χ^2/NDF : 1006024.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 767.018+/-0.193 χ^2/NDF : 2397559.3/22

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: 67.138+/-42.897 χ^2/NDF : 20.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

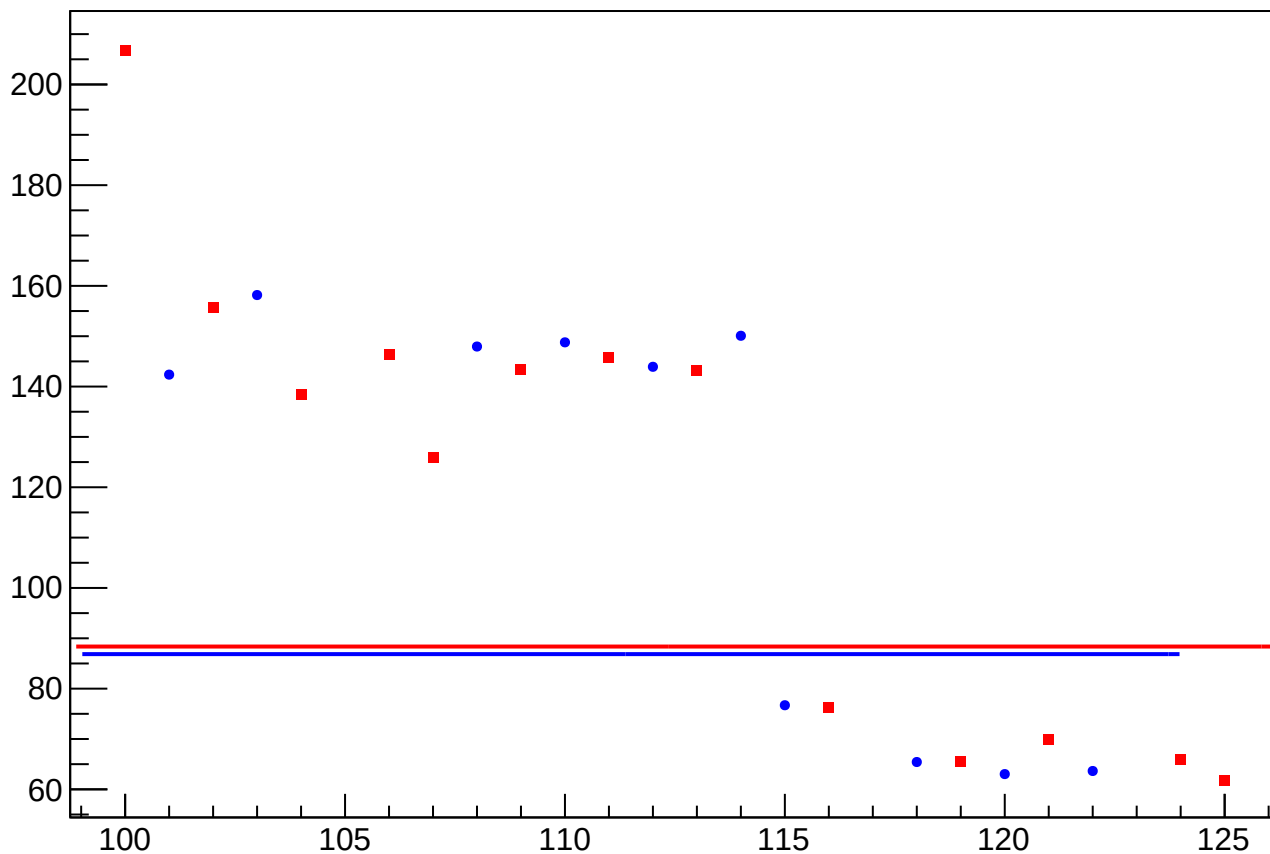
Right: 55.528+/-31.651 χ^2/NDF : 33.0/22

In: 41.654+/-46.893 χ^2/NDF : 12.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.528+/-31.651 χ^2/NDF : 33.0/22

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: 88.362+/-0.030 χ^2/NDF : 1349125.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

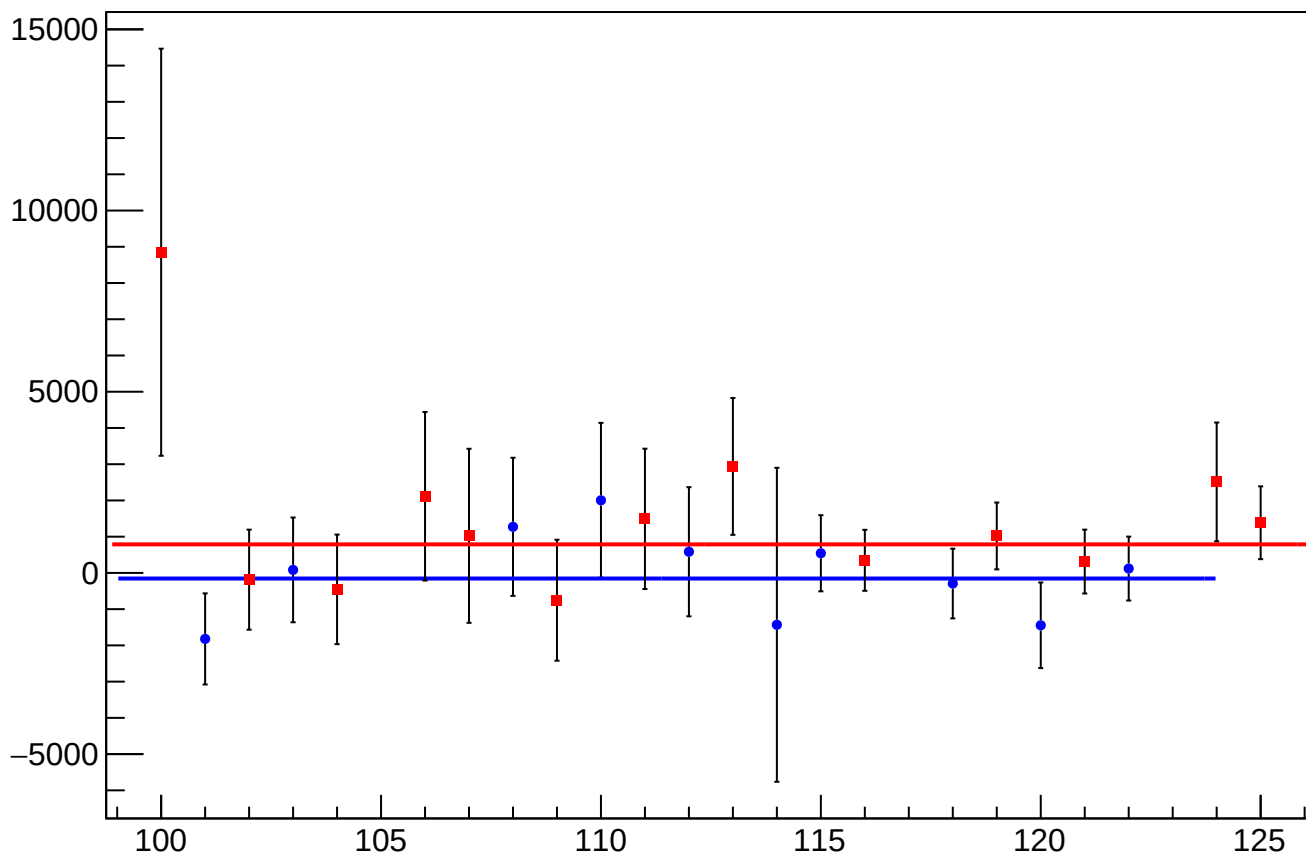
Right: 87.676+/-0.022 χ^2/NDF : 2574516.7/22

In: 86.857+/-0.033 χ^2/NDF : 1224270.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.676+/-0.022 χ^2/NDF : 2574516.7/22

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: 787.603+/-365.248 χ^2/NDF : 7.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

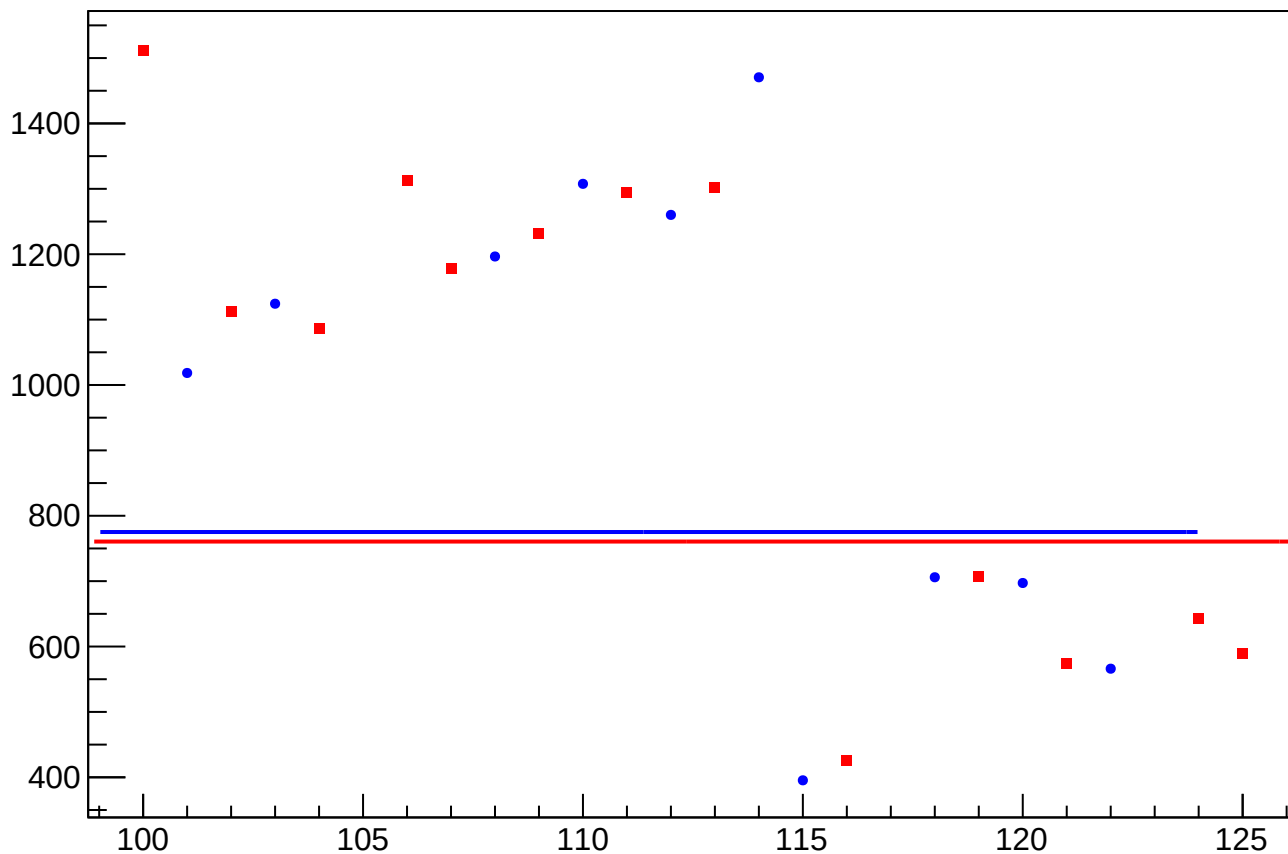
Right: 370.102+/-272.574 χ^2/NDF : 16.3/22

In: -154.665+/-409.489 χ^2/NDF : 5.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 370.102+/-272.574 χ^2/NDF : 16.3/22

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: 760.550+/-0.258 χ^2/NDF : 1390106.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

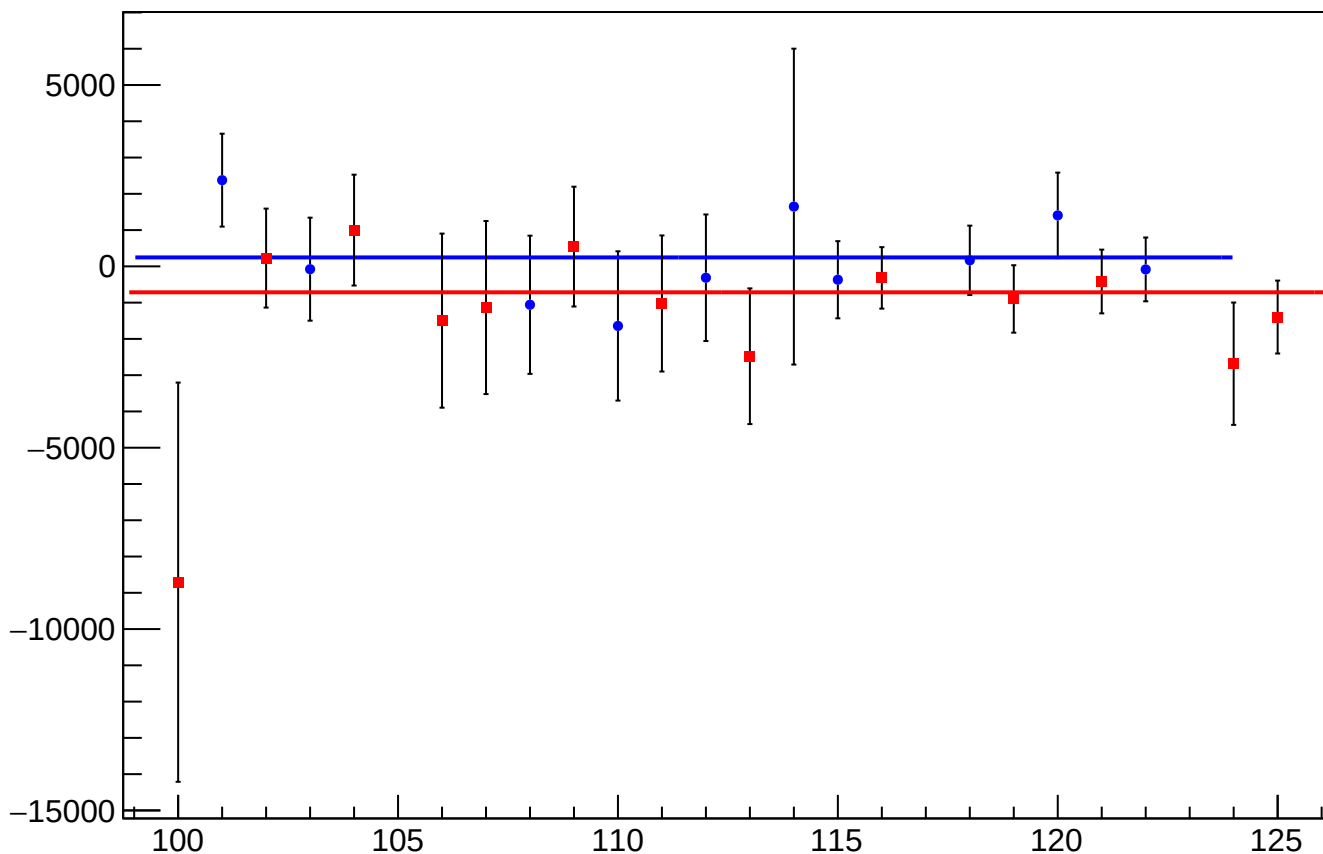
Right: 767.017+/-0.193 χ^2/NDF : 2397532.4/22

In: 775.146+/-0.290 χ^2/NDF : 1006010.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 767.017+/-0.193 χ^2/NDF : 2397532.4/22

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: -715.489+/-365.886 χ^2/NDF : 7.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

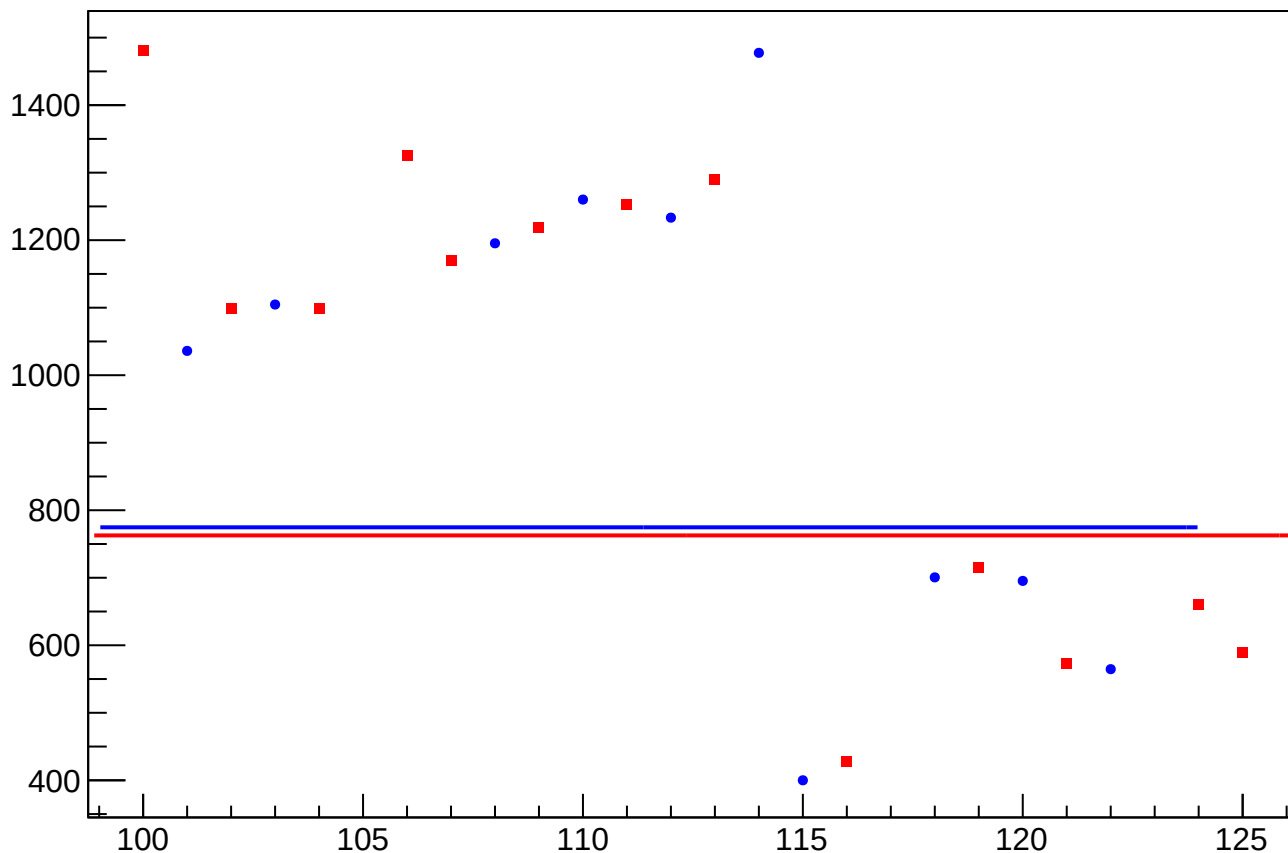
Right: -287.382+/-272.564 χ^2/NDF : 16.5/22

In: 246.420+/-408.563 χ^2/NDF : 5.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -287.382+/-272.564 χ^2/NDF : 16.5/22

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: 762.708+/-0.259 χ^2/NDF : 1346304.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

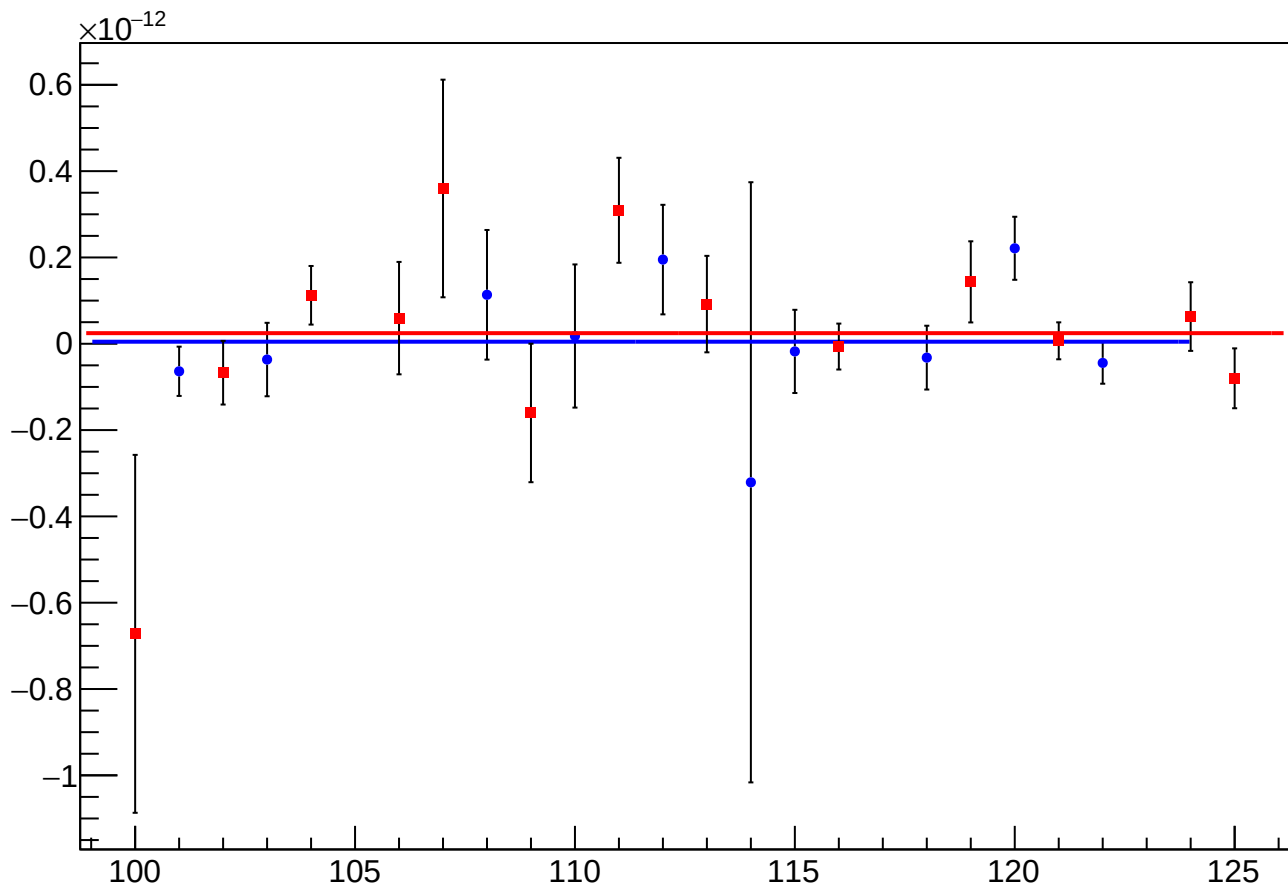
Right: 768.049+/-0.193 χ^2/NDF : 2321000.3/22

In: 774.708+/-0.289 χ^2/NDF : 973738.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 768.049+/-0.193 χ^2/NDF : 2321000.3/22

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 : 19.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

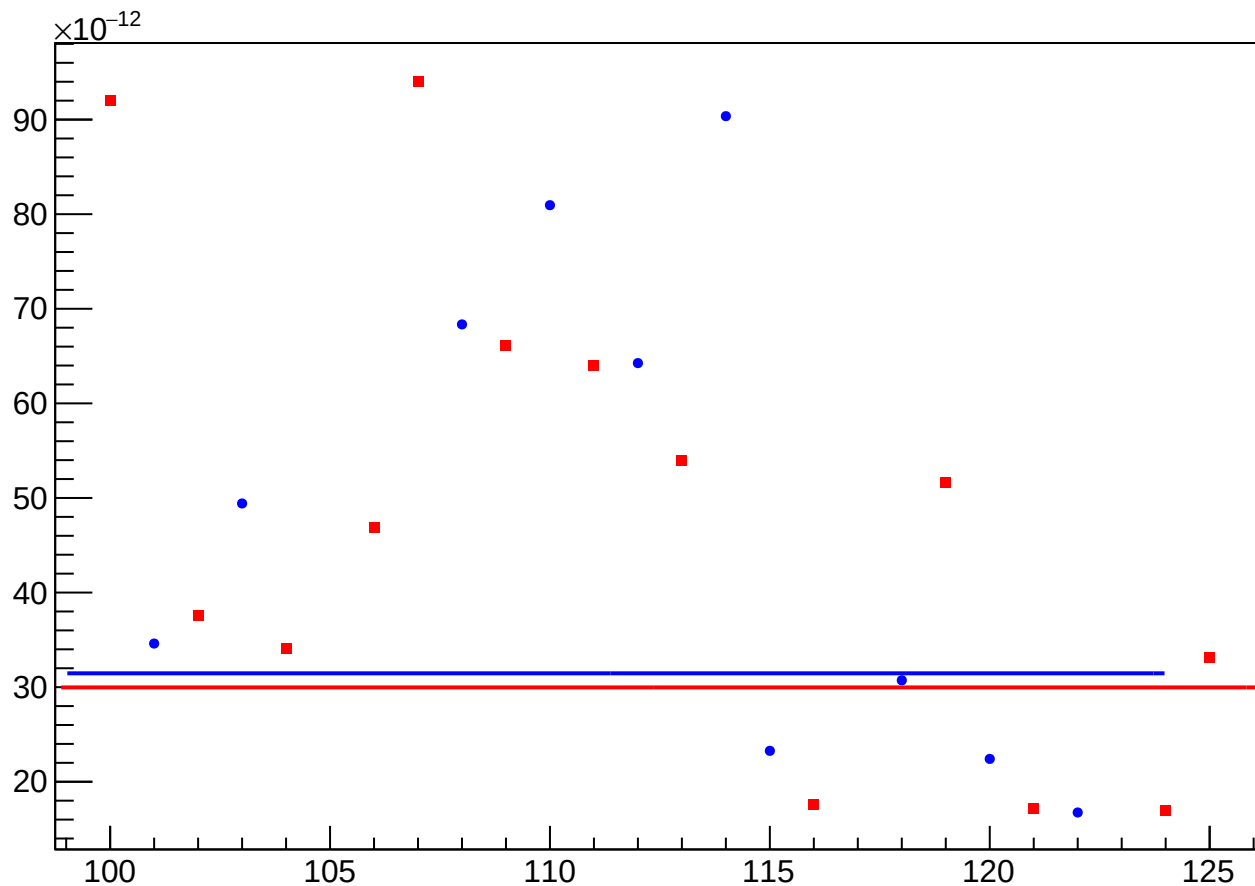
Right: 0.000+/-0.000 χ^2/NDF : 34.8/22

In: 0.000+/-0.000 χ^2/NDF : 14.8/9

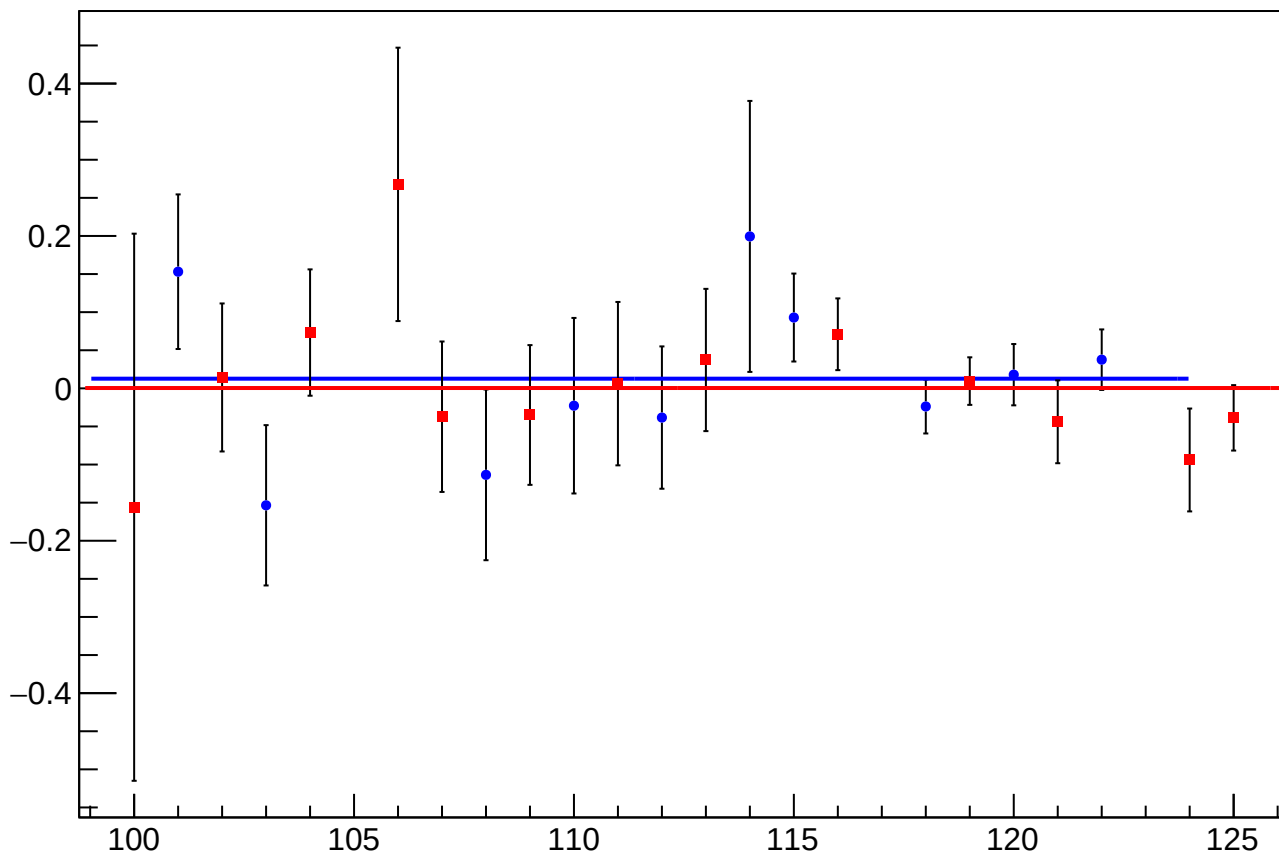
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 34.8/22

asym_sam_1526_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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: 0.000+/-0.017 χ^2/NDF : 9.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

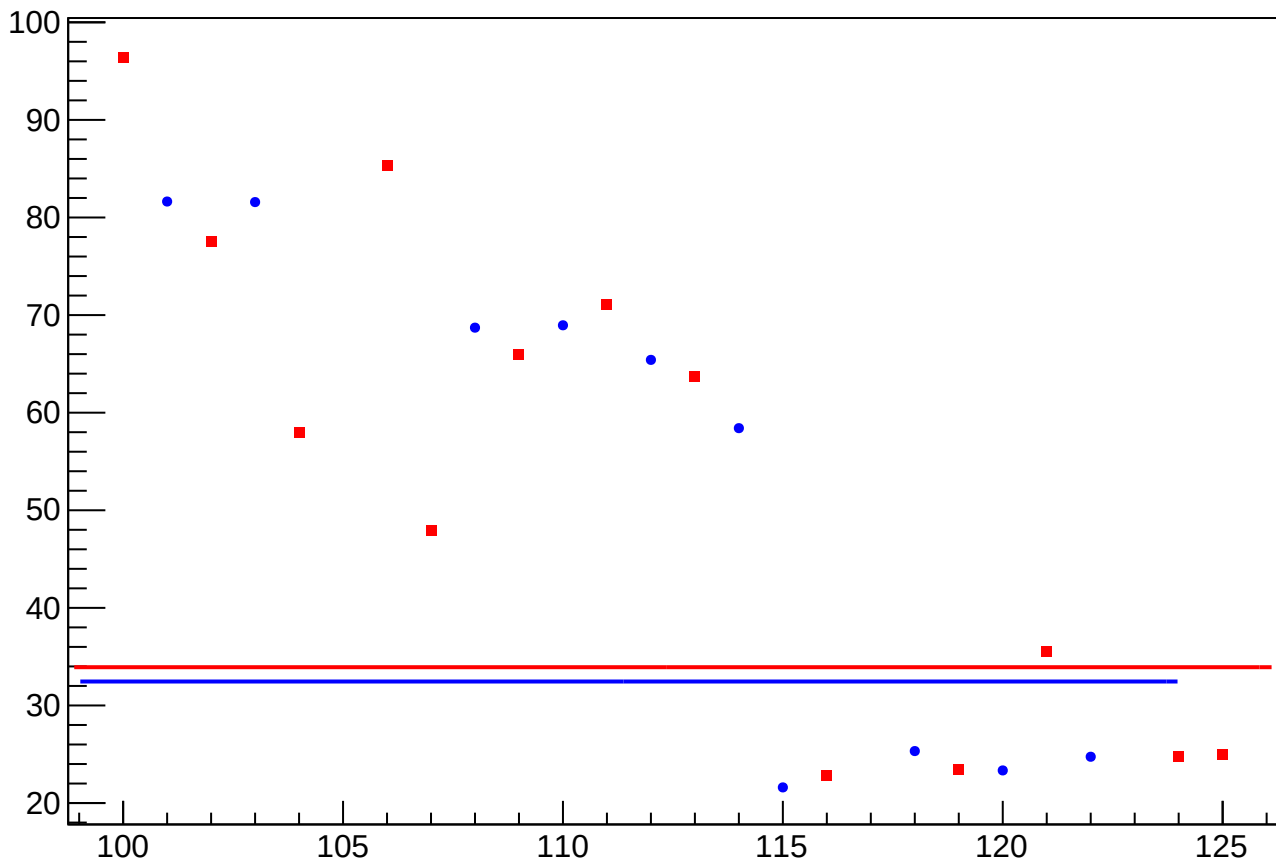
Right: 0.006+/-0.013 χ^2/NDF : 20.2/22

In: 0.013+/-0.019 χ^2/NDF :10.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.013 χ^2/NDF : 20.2/22

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: 33.920+/-0.012 χ^2/NDF : 1987008.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

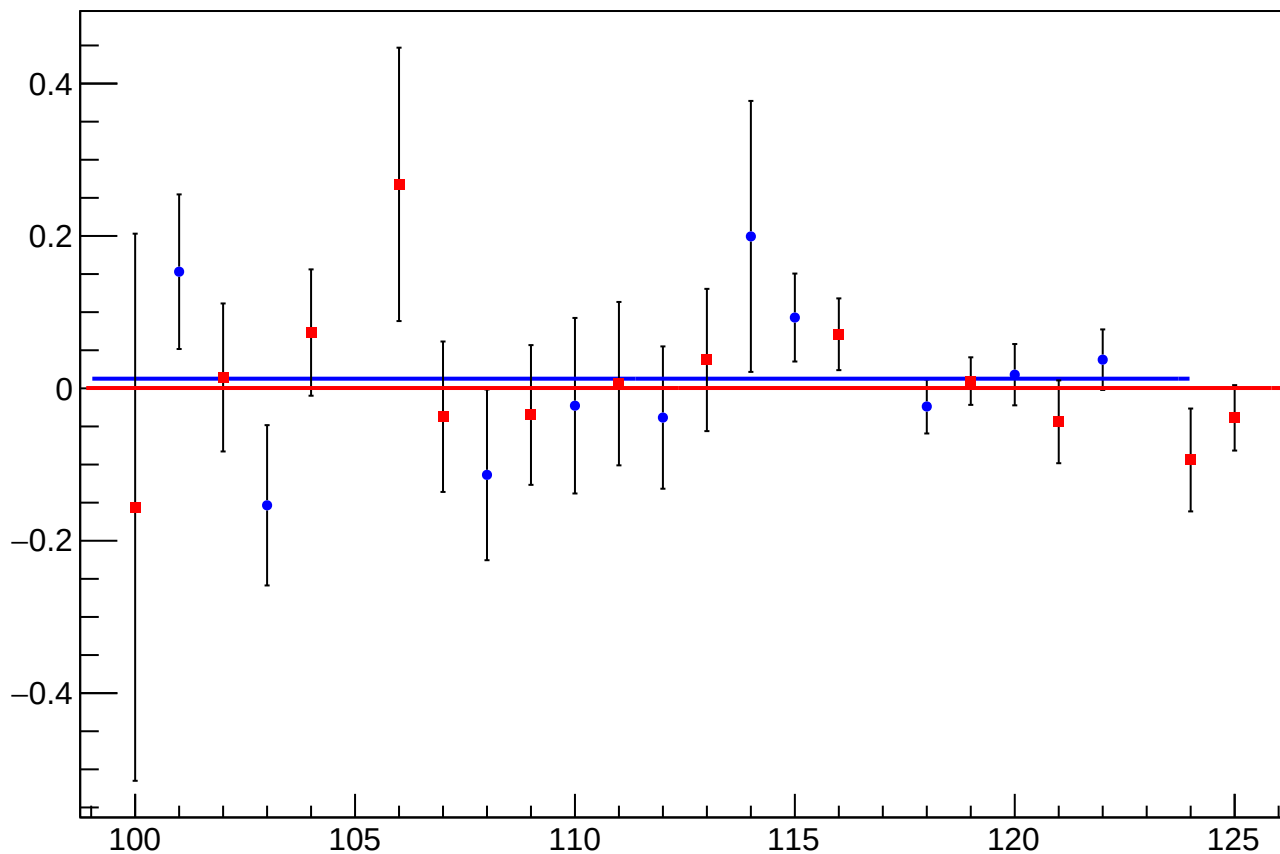
Right: 33.242+/-0.009 χ^2/NDF : 3931463.1/22

In: 32.454+/-0.013 χ^2/NDF : 1937903.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.242+/-0.009 χ^2/NDF : 3931463.1/22

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: 0.000+/-0.017 χ^2/NDF : 9.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

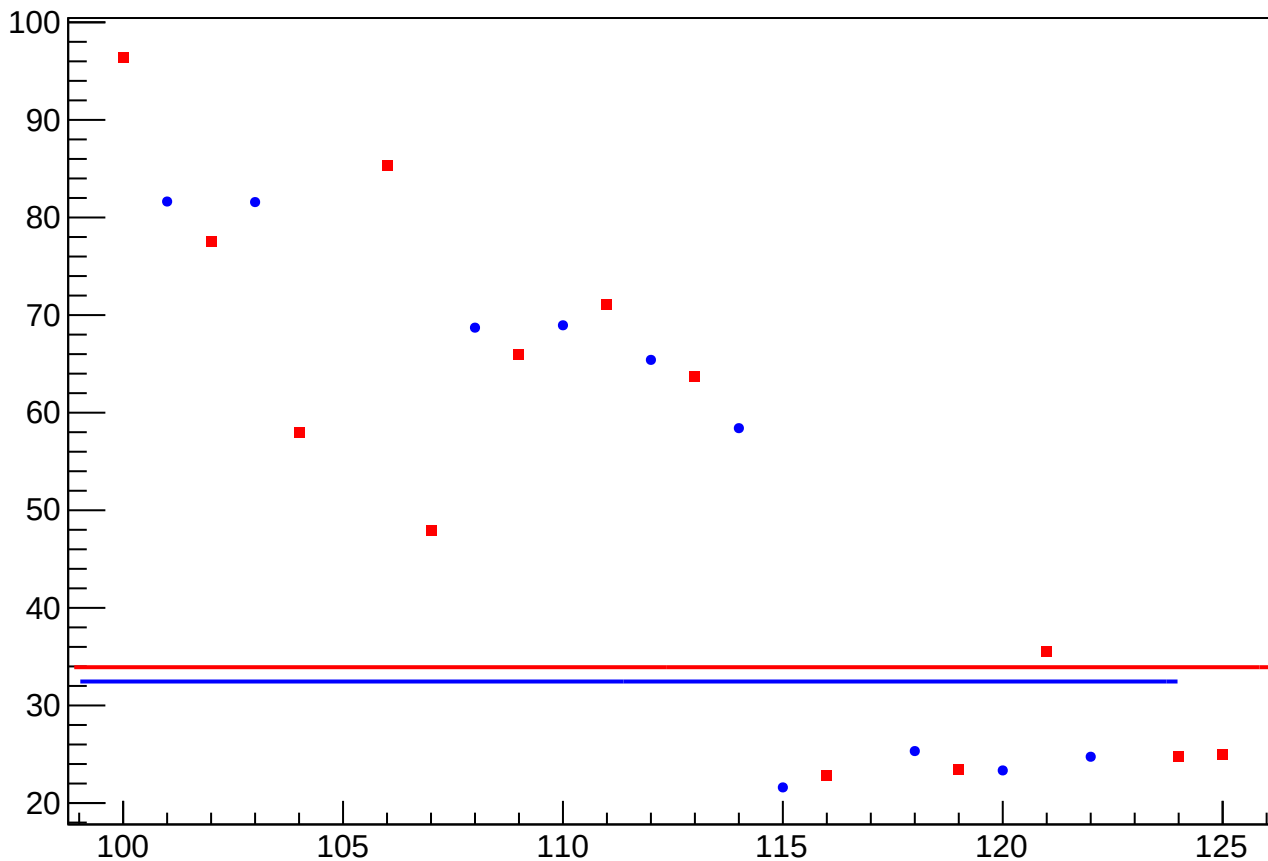
Right: 0.006+/-0.013 χ^2/NDF : 20.2/22

In: 0.013+/-0.019 χ^2/NDF :10.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.013 χ^2/NDF : 20.2/22

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: 33.920+/-0.012 χ^2/NDF : 1987008.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

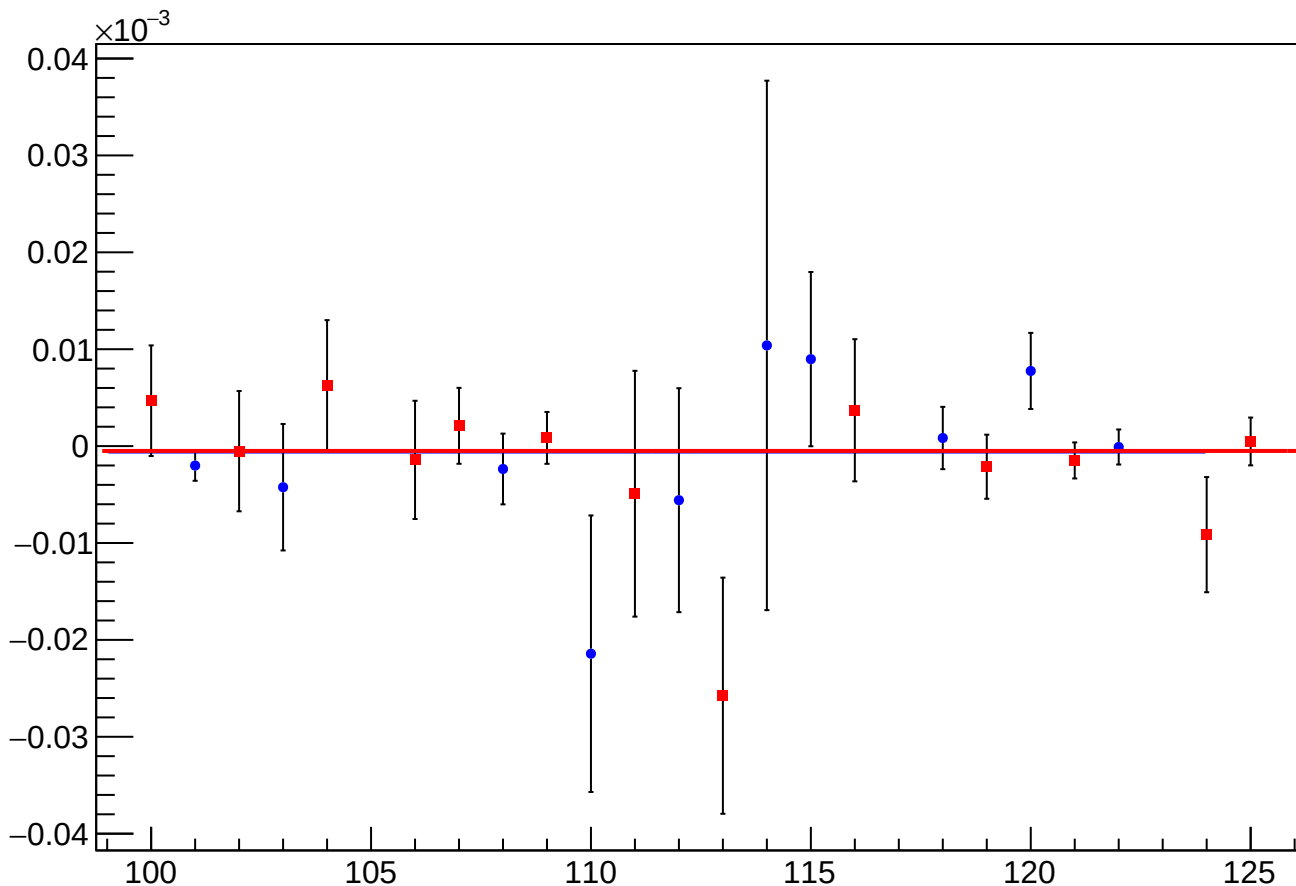
Right: 33.242+/-0.009 χ^2/NDF : 3931463.1/22

In: 32.454+/-0.013 χ^2/NDF : 1937903.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.242+/-0.009 χ^2/NDF : 3931463.1/22

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 : 10.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

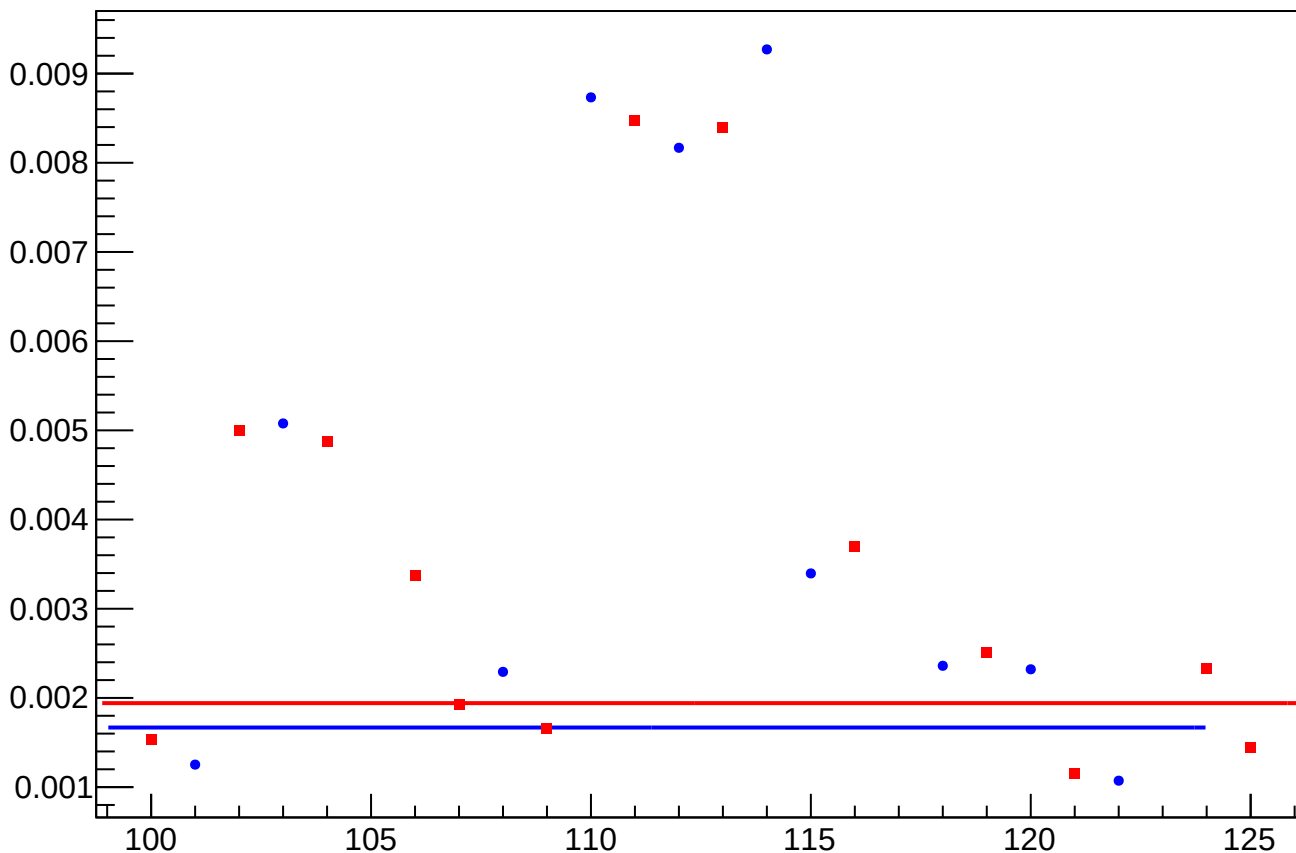
Right: -0.000+/-0.000 χ^2/NDF : 19.8/22

In: -0.000+/-0.000 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.8/22

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 : 2711710.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

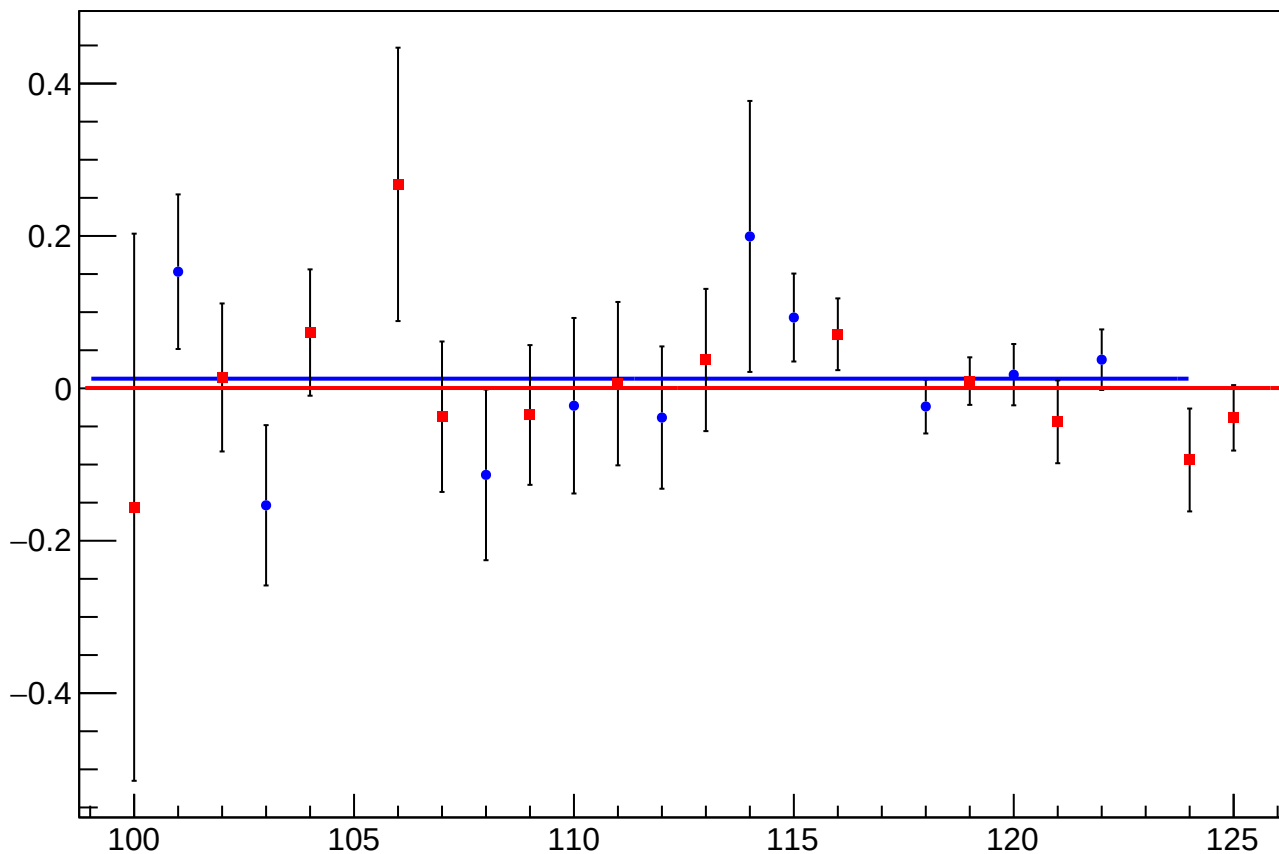
Right: 0.002+/-0.000 χ^2/NDF : 5244294.7/22

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 : 5244294.7/22

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: 0.000+/-0.017 χ^2/NDF : 9.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

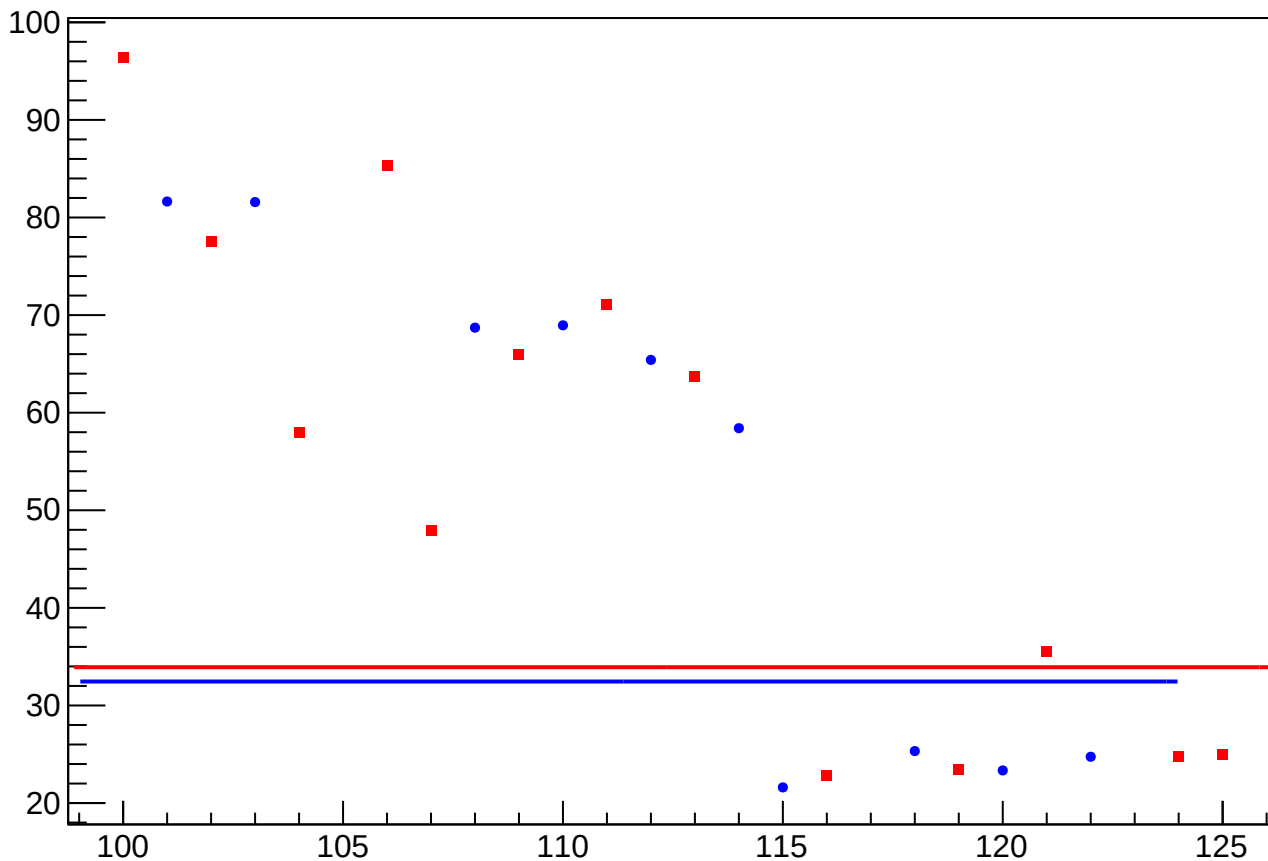
Right: 0.006+/-0.013 χ^2/NDF : 20.2/22

In: 0.013+/-0.019 χ^2/NDF :10.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.013 χ^2/NDF : 20.2/22

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: 33.920+/-0.012 χ^2/NDF : 1986945.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

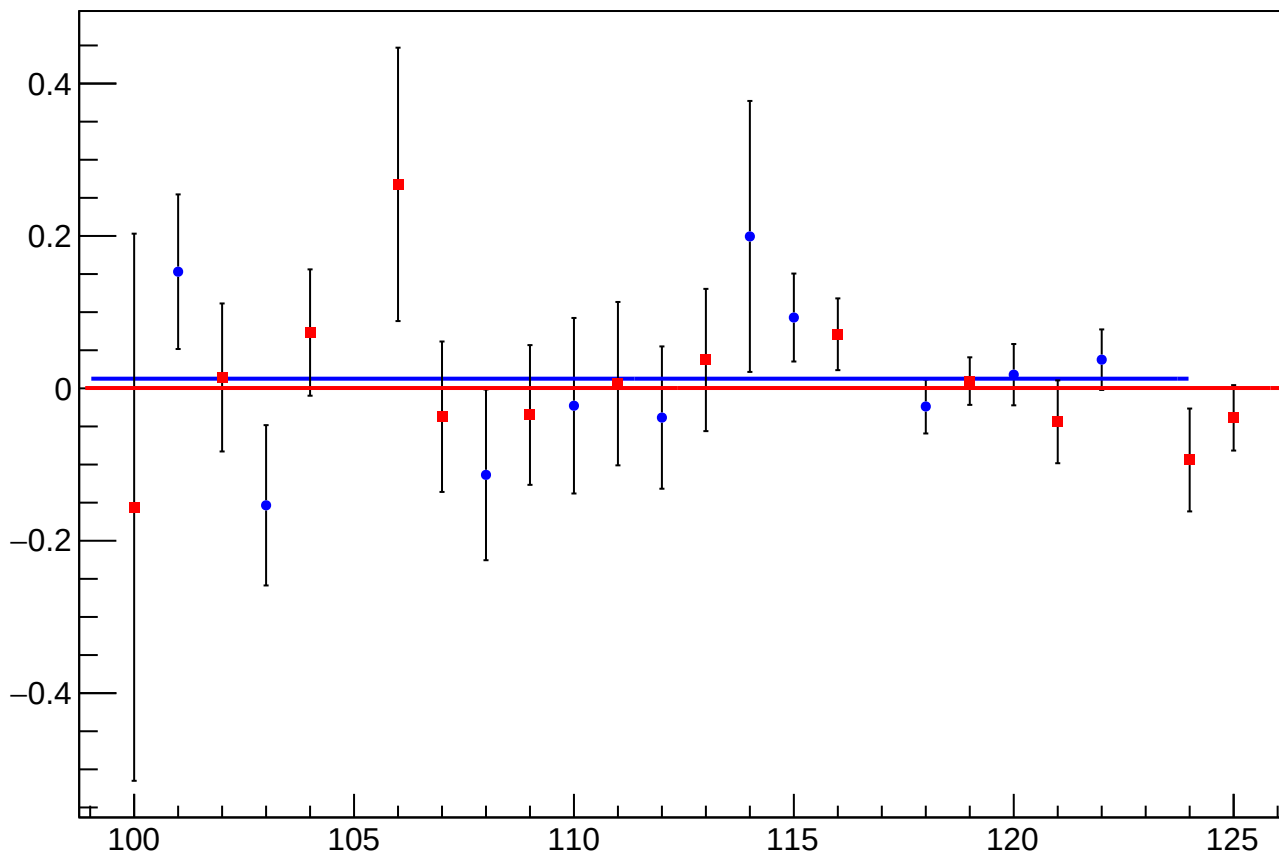
Right: 33.242+/-0.009 χ^2/NDF : 3931325.4/22

In: 32.455+/-0.013 χ^2/NDF : 1937831.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.242+/-0.009 χ^2/NDF : 3931325.4/22

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: 0.000+/-0.017 χ^2/NDF : 9.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

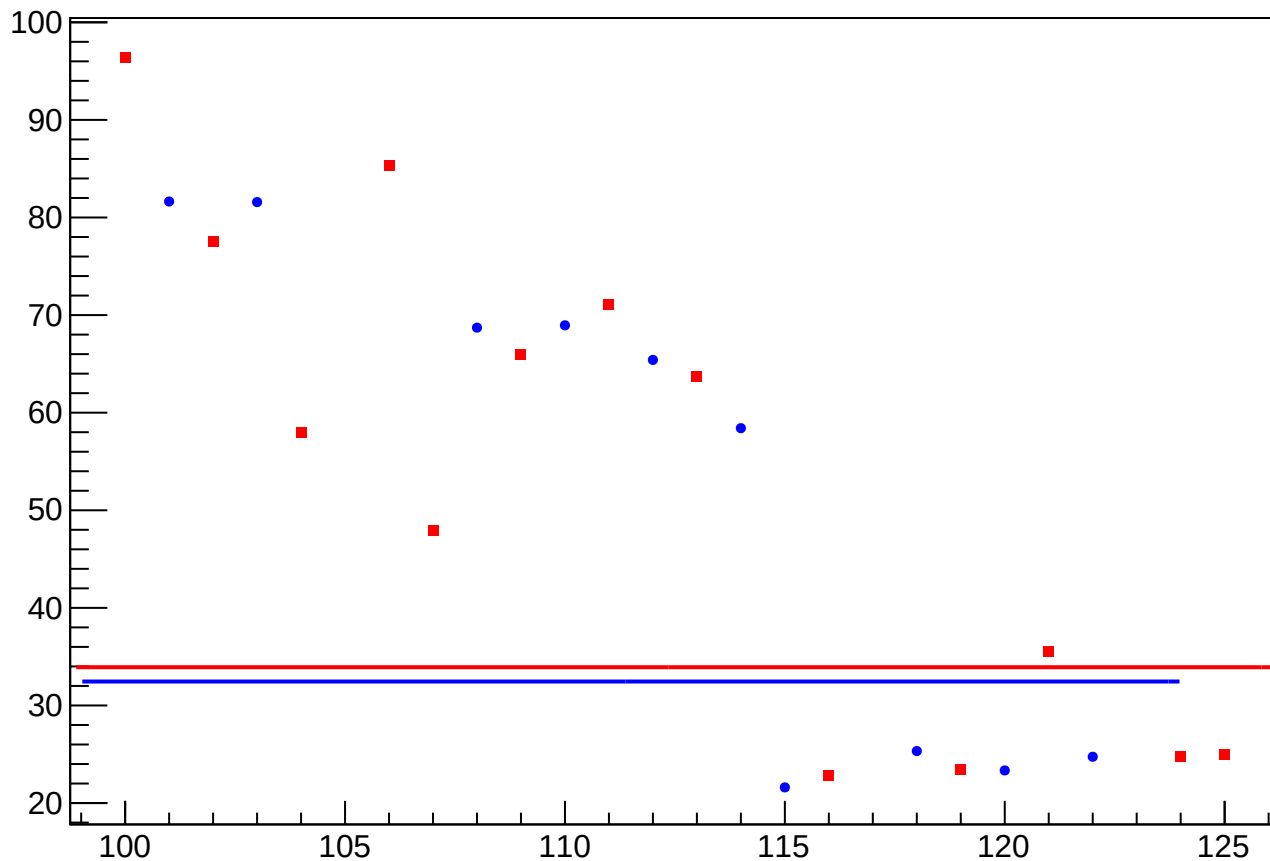
Right: 0.006+/-0.013 χ^2/NDF : 20.2/22

In: 0.013+/-0.019 χ^2/NDF :10.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.013 χ^2/NDF : 20.2/22

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: 33.920+/-0.012 χ^2/NDF : 1986945.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

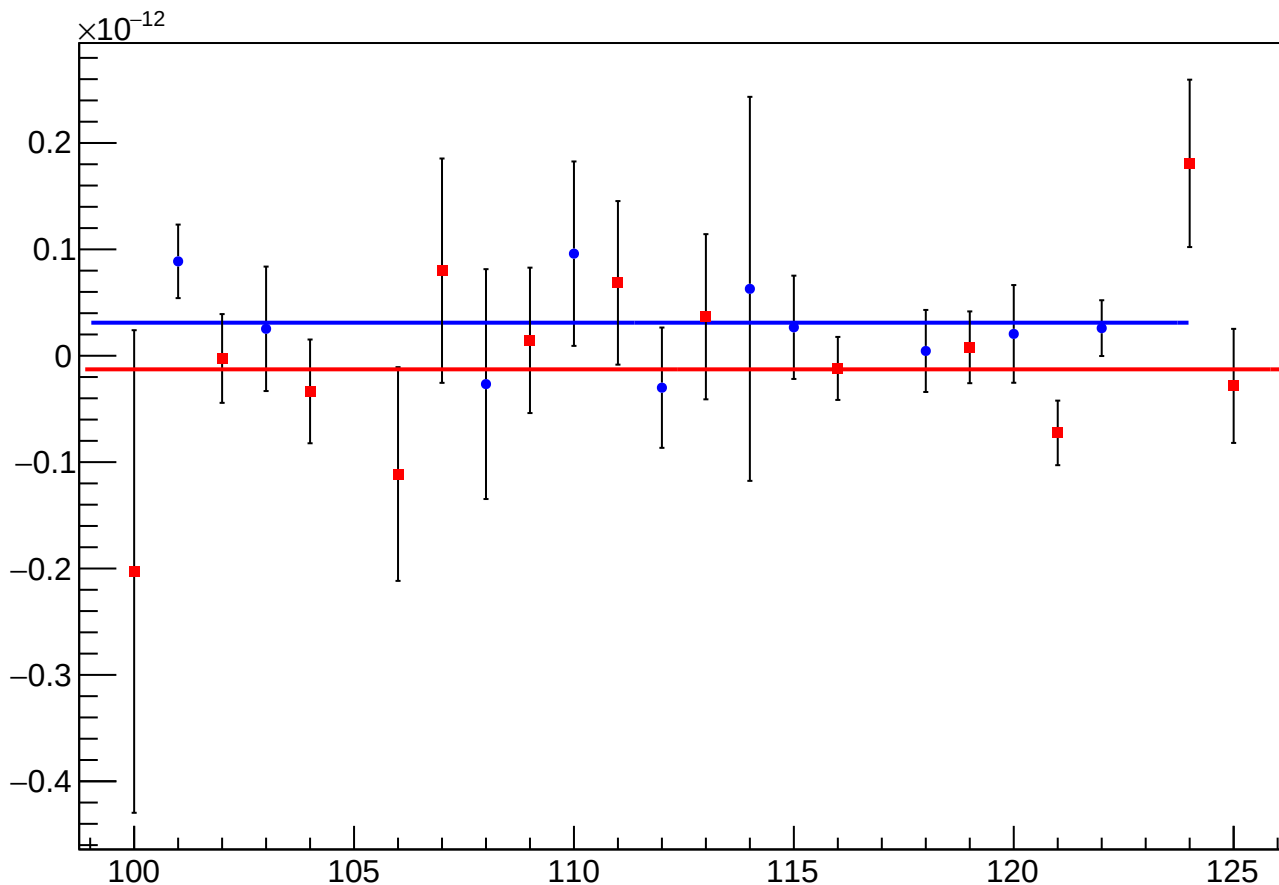
Right: 33.242+/-0.009 χ^2/NDF : 3931325.4/22

In: 32.455+/-0.013 χ^2/NDF : 1937831.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.242+/-0.009 χ^2/NDF : 3931325.4/22

asym_sam_1526_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

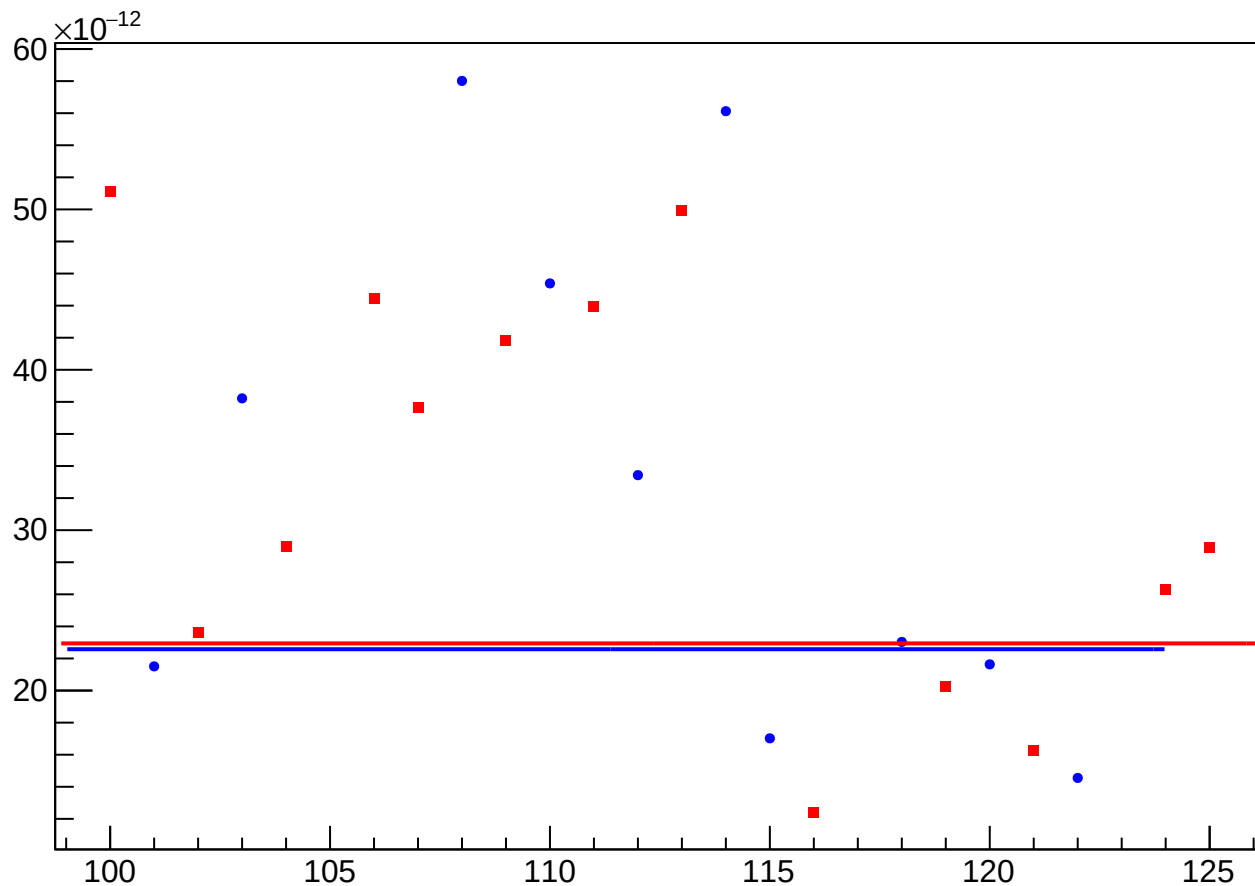
Right: 0.000+/-0.000 χ^2/NDF : 25.0/22

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 : 25.0/22

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 : 1127126.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

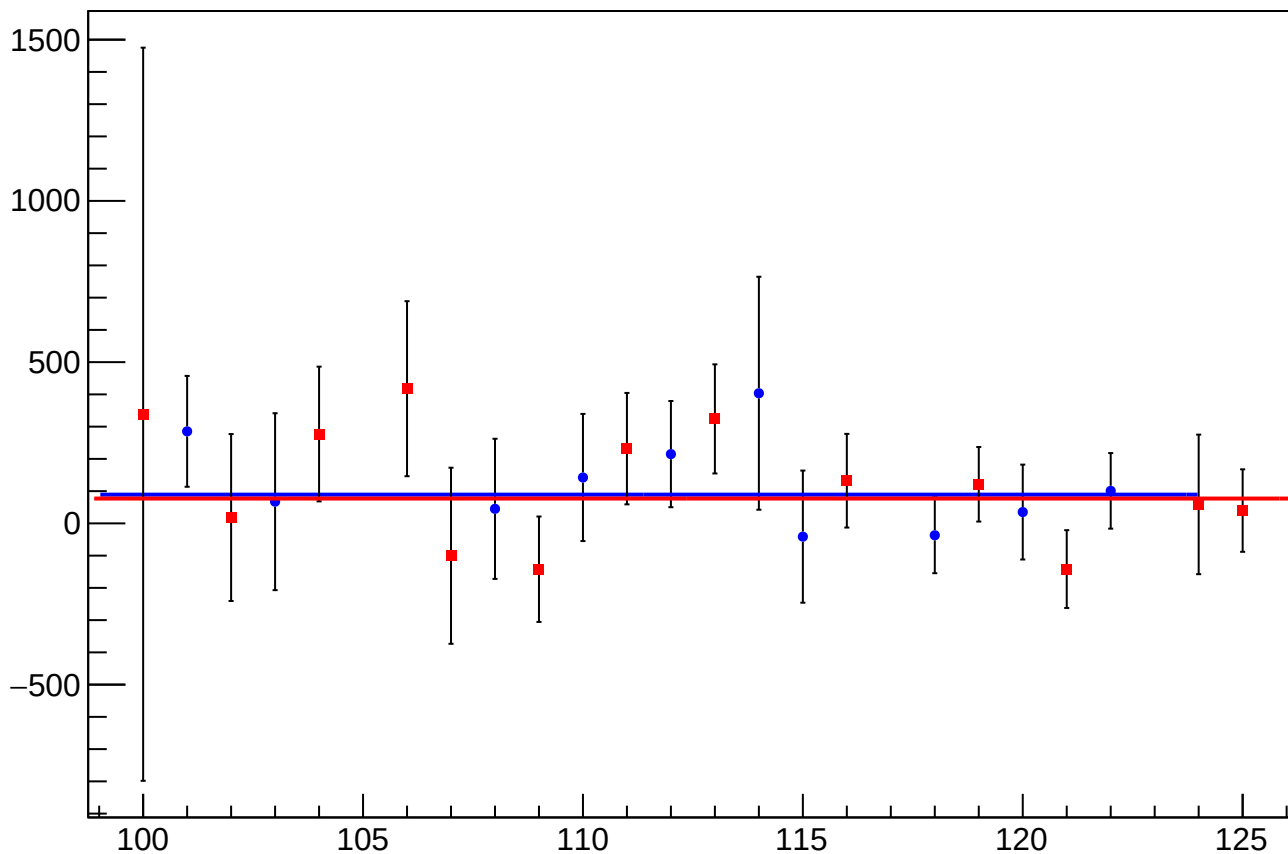
Right: 0.000+/-0.000 χ^2/NDF : 1983829.7/22

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 : 1983829.7/22

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: 77.010+/-47.406 χ^2/NDF : 11.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

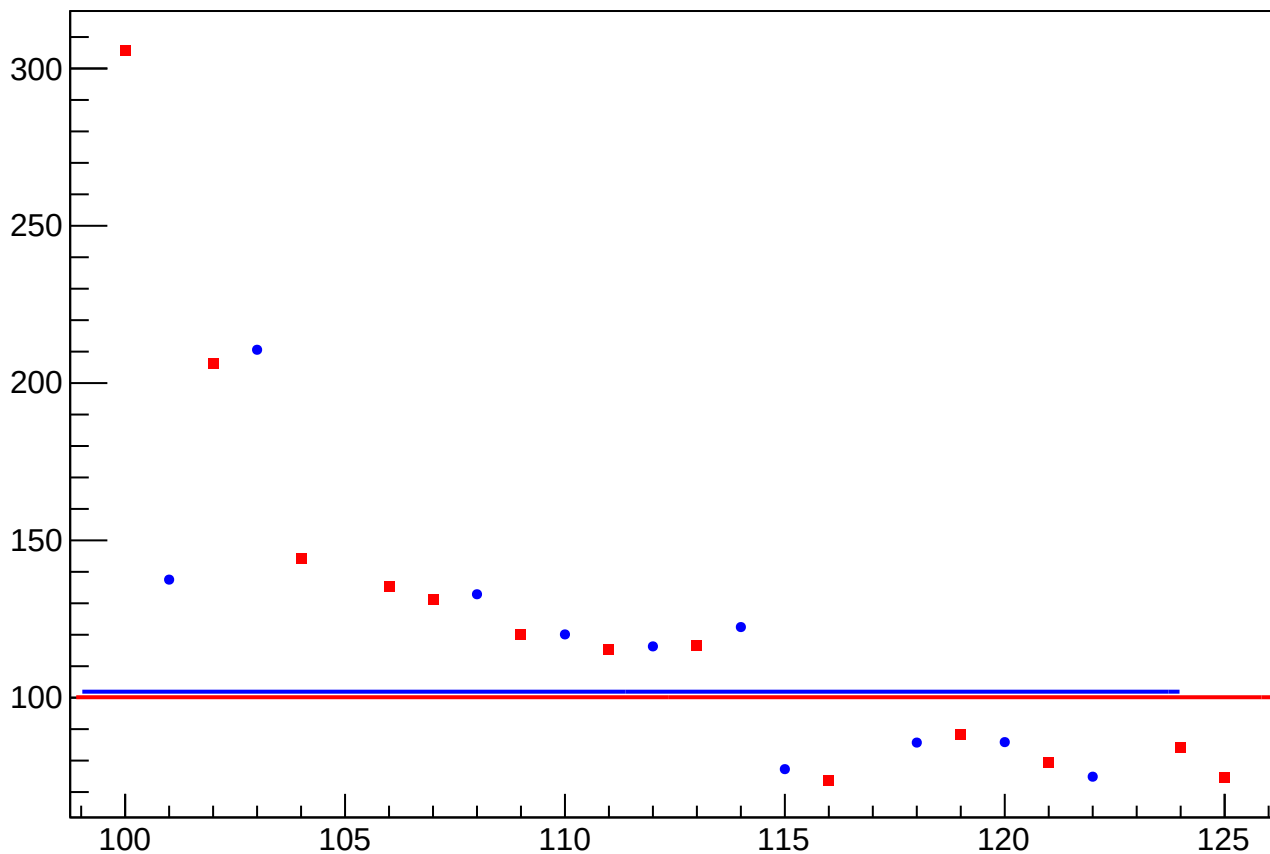
Right: 82.369+/-35.386 χ^2/NDF : 15.9/22

In: 89.111+/-53.177 χ^2/NDF : 4.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.369+/-35.386 χ^2/NDF : 15.9/22

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: 100.138+/-0.034 χ^2/NDF : 851809.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

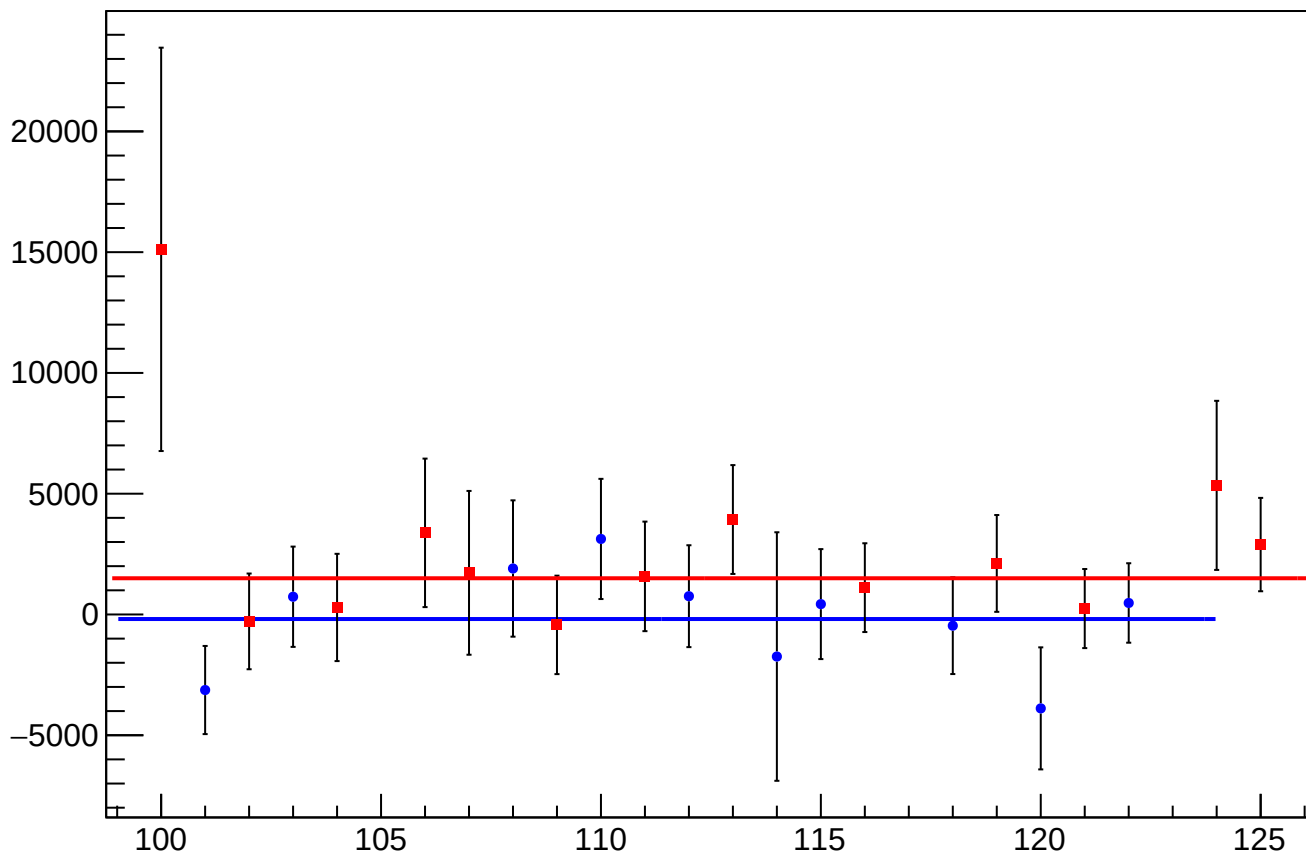
Right: 100.920+/-0.025 χ^2/NDF : 1529086.4/22

In: 101.903+/-0.038 χ^2/NDF : 676048.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.920+/-0.025 χ^2/NDF : 1529086.4/22

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: 1499.126+/-624.482 χ^2/NDF : 8.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

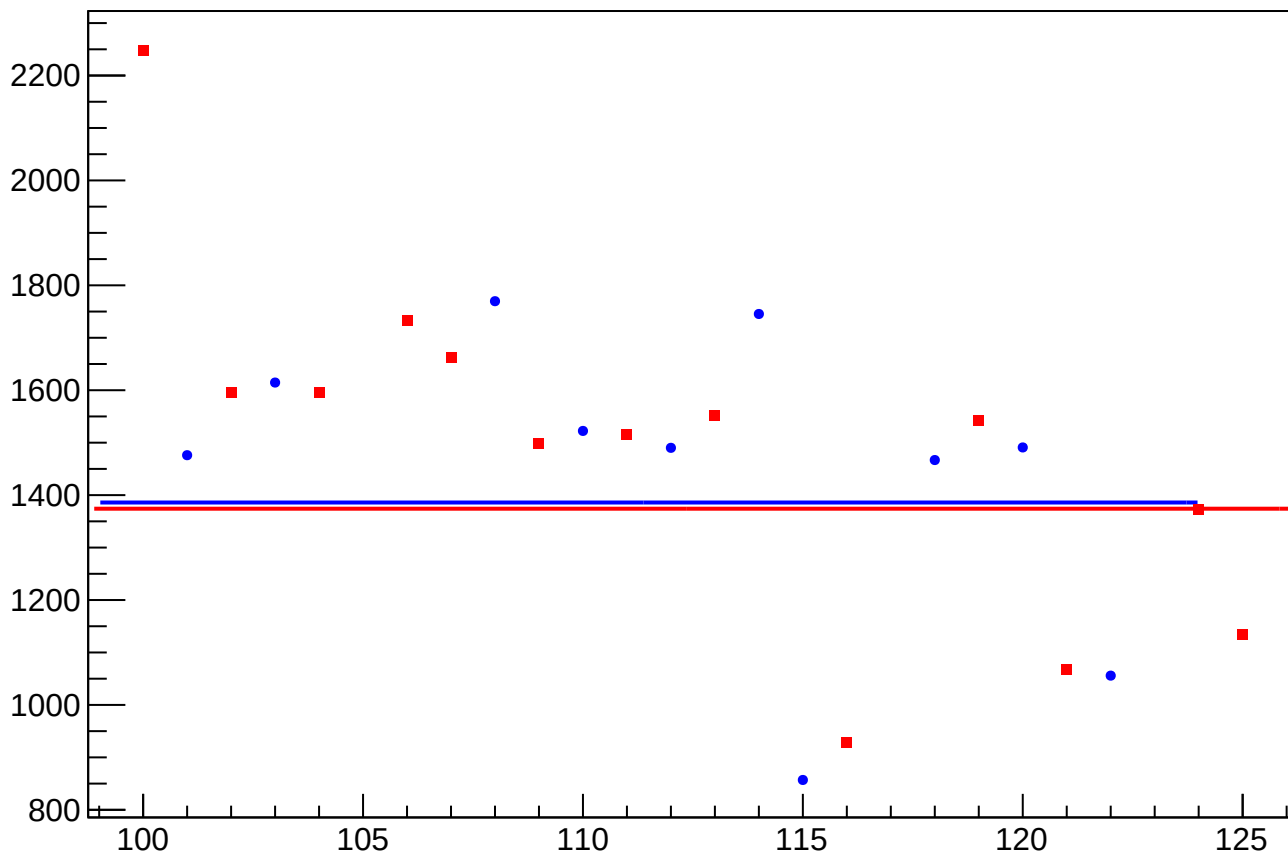
Right: 749.109+/-465.488 χ^2/NDF : 19.7/22

In: -188.652+/-698.281 χ^2/NDF : 7.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 749.109+/-465.488 χ^2/NDF : 19.7/22

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: 1374.114+/-0.442 χ^2/NDF : 369549.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

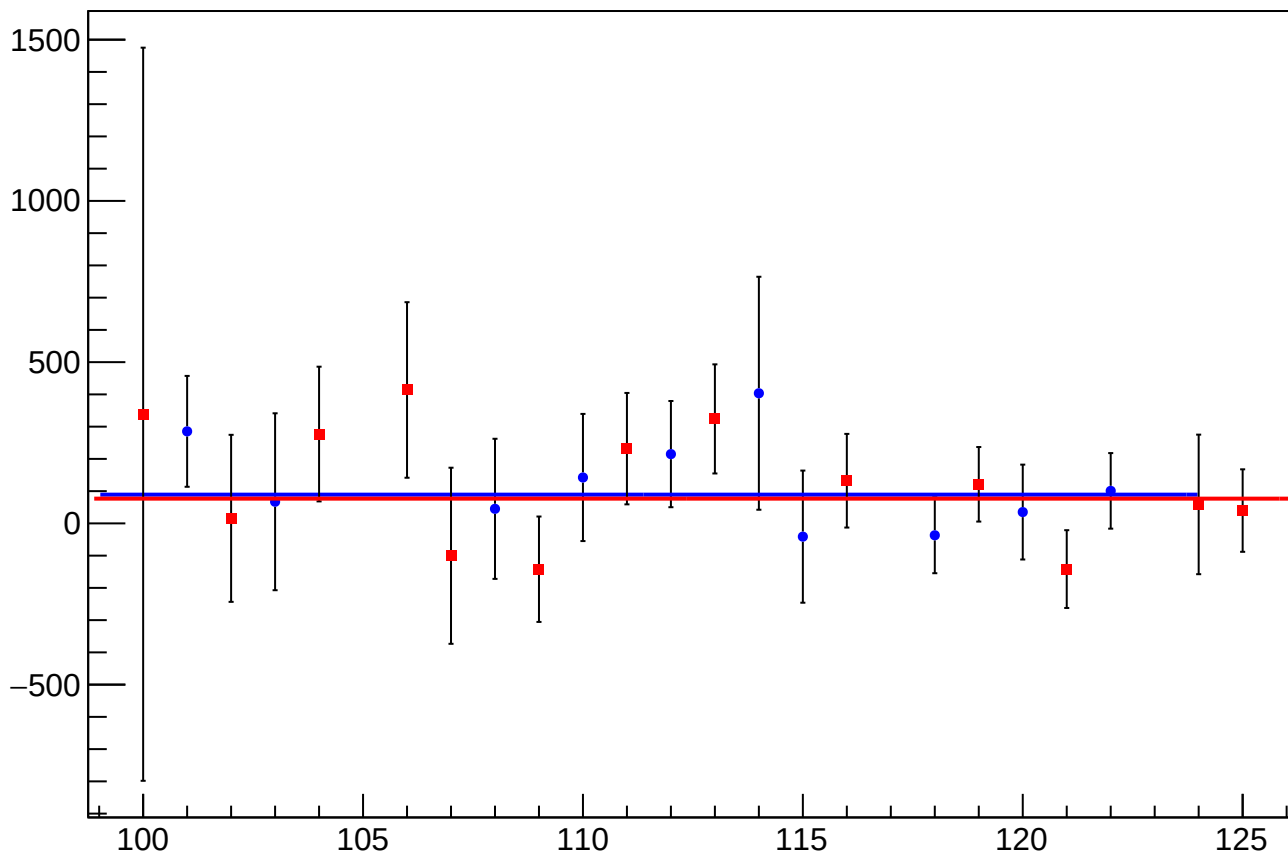
Right: 1379.362+/-0.329 χ^2/NDF : 651959.0/22

In: 1385.923+/-0.494 χ^2/NDF : 282091.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1379.362+/-0.329 χ^2/NDF : 651959.0/22

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: 76.735+/-47.412 χ^2/NDF : 11.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

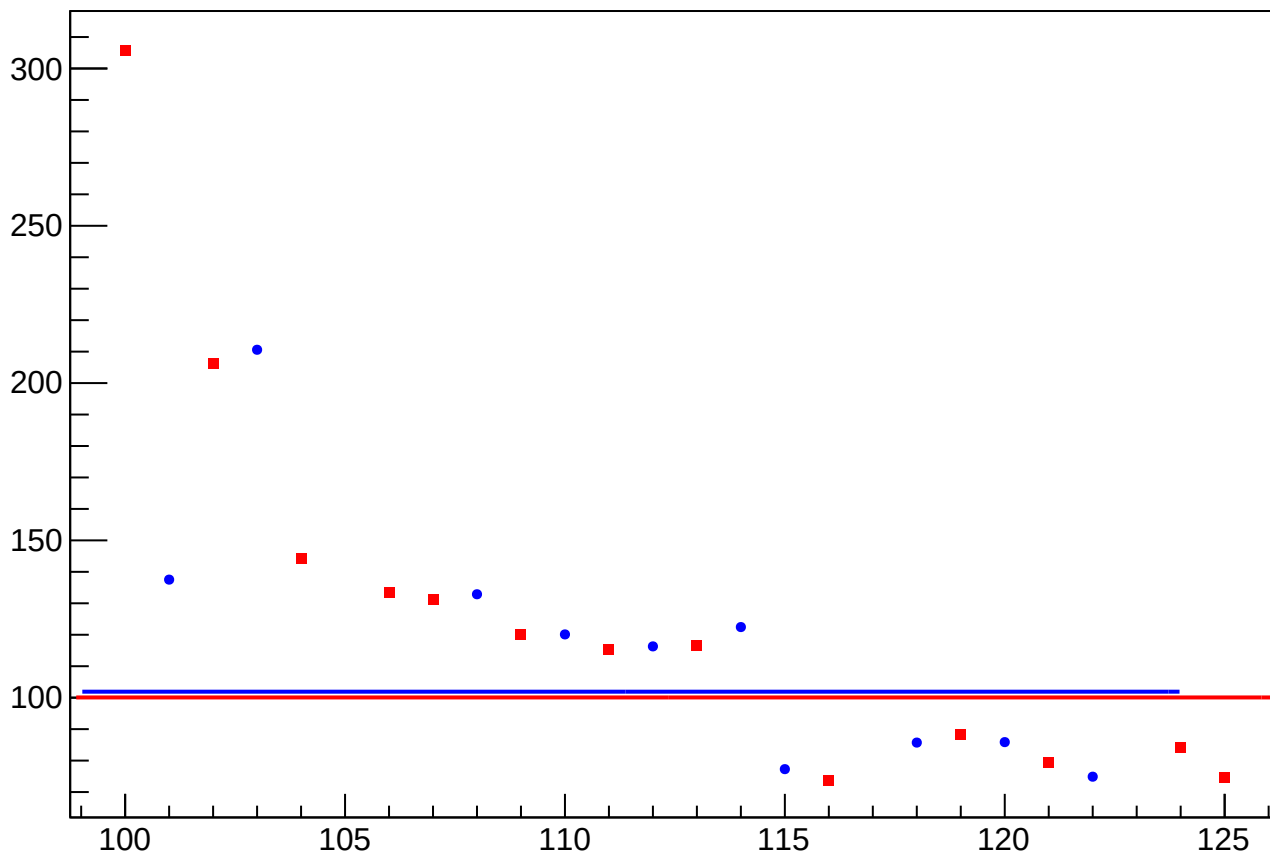
Right: 82.211+/-35.388 χ^2/NDF : 15.9/22

In: 89.100+/-53.177 χ^2/NDF : 4.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.211+/-35.388 χ^2/NDF : 15.9/22

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: 100.071+/-0.034 χ^2/NDF : 848312.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

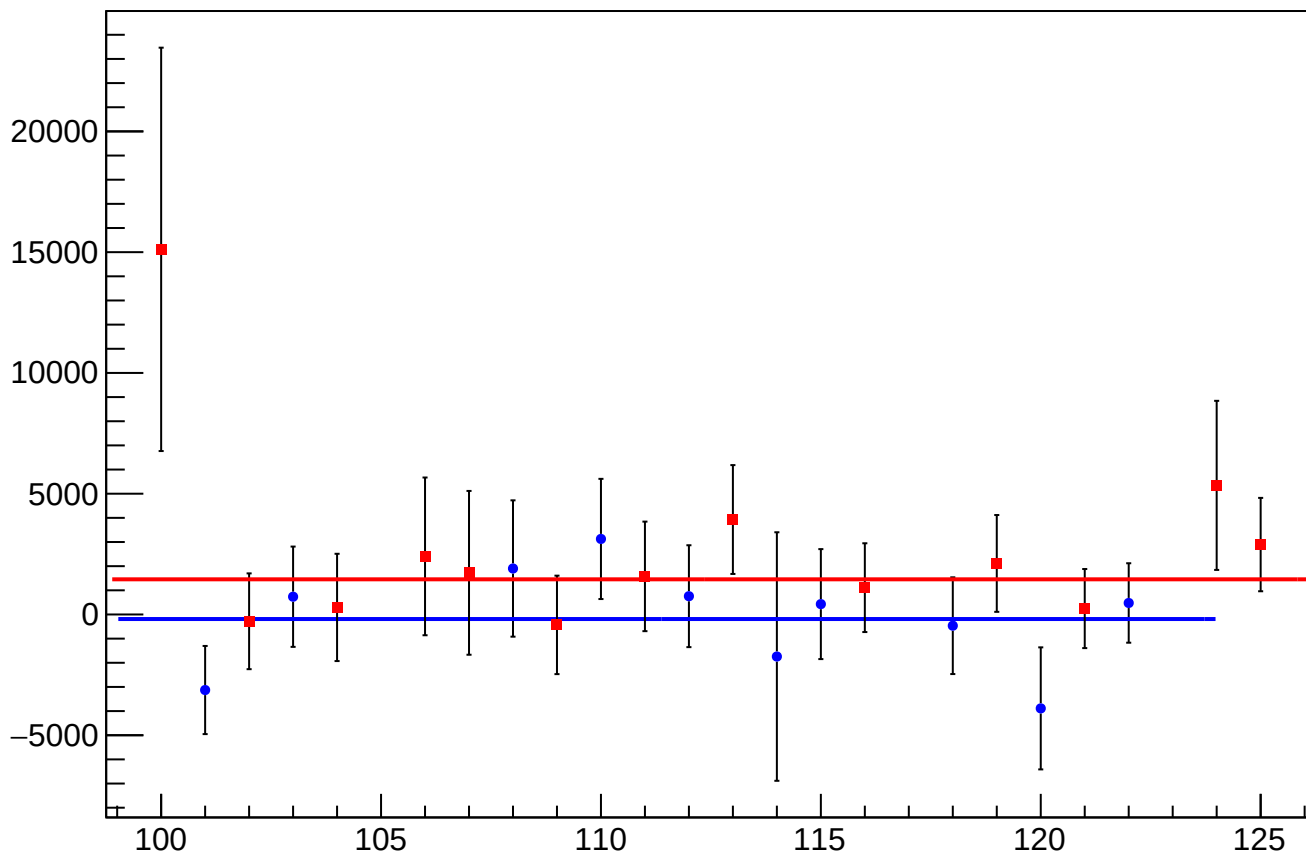
Right: 100.883+/-0.025 χ^2/NDF : 1525686.9/22

In: 101.903+/-0.038 χ^2/NDF : 676051.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.883+/-0.025 χ^2/NDF : 1525686.9/22

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: 1455.315+/-626.000 χ^2/NDF : 8.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

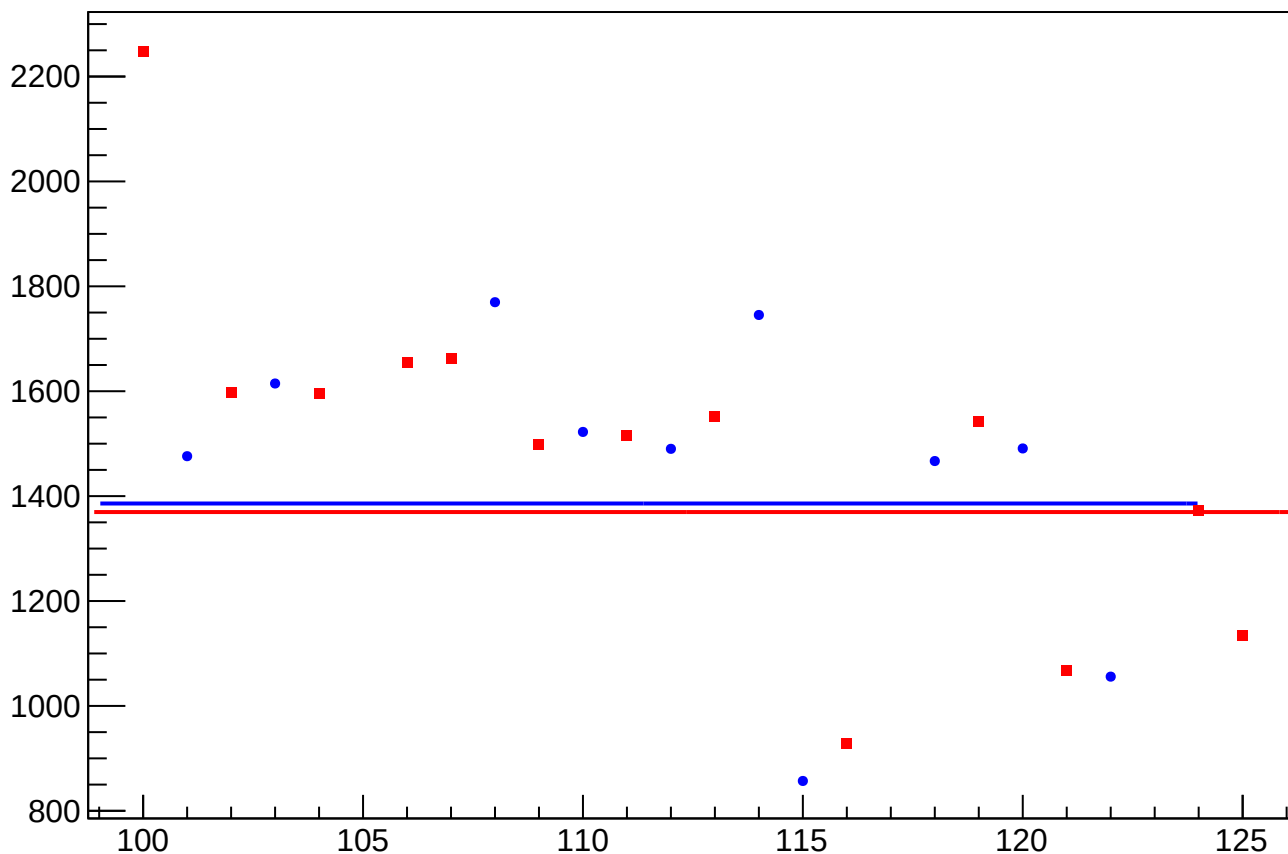
Right: 722.841+/-466.117 χ^2/NDF : 19.2/22

In: -188.564+/-698.287 χ^2/NDF : 7.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 722.841+/-466.117 χ^2/NDF : 19.2/22

asym_sam_3726_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1385.932 $\pm$ 0.494 χ^2 /NDF: 282112.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1369.633 $\pm$ 0.443 χ^2 /NDF: 357190.8/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

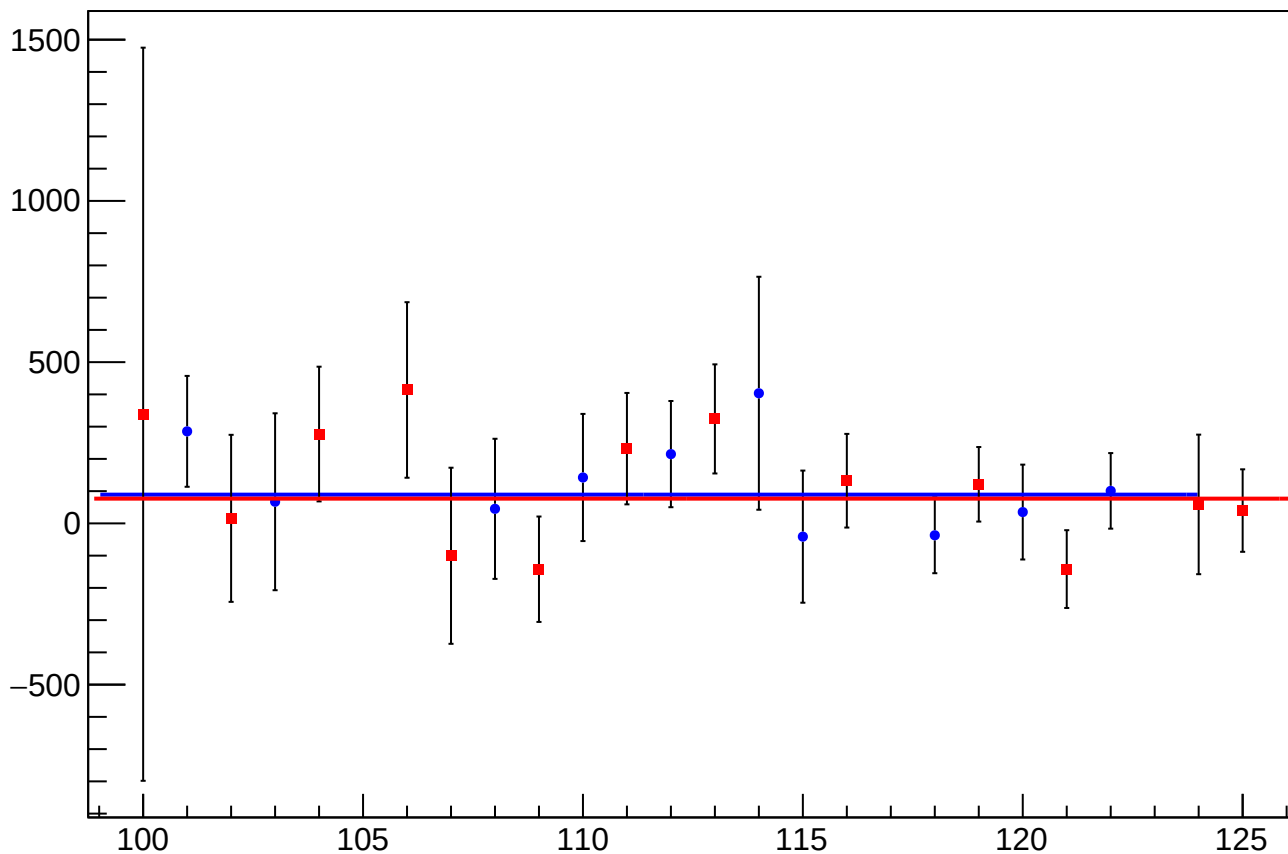
Right: 1376.895 $\pm$ 0.330 χ^2 /NDF: 639907.6/22

In: 1385.932 $\pm$ 0.494 χ^2 /NDF: 282112.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1376.895 $\pm$ 0.330 χ^2 /NDF: 639907.6/22

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: 76.735+/-47.412 χ^2/NDF : 11.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

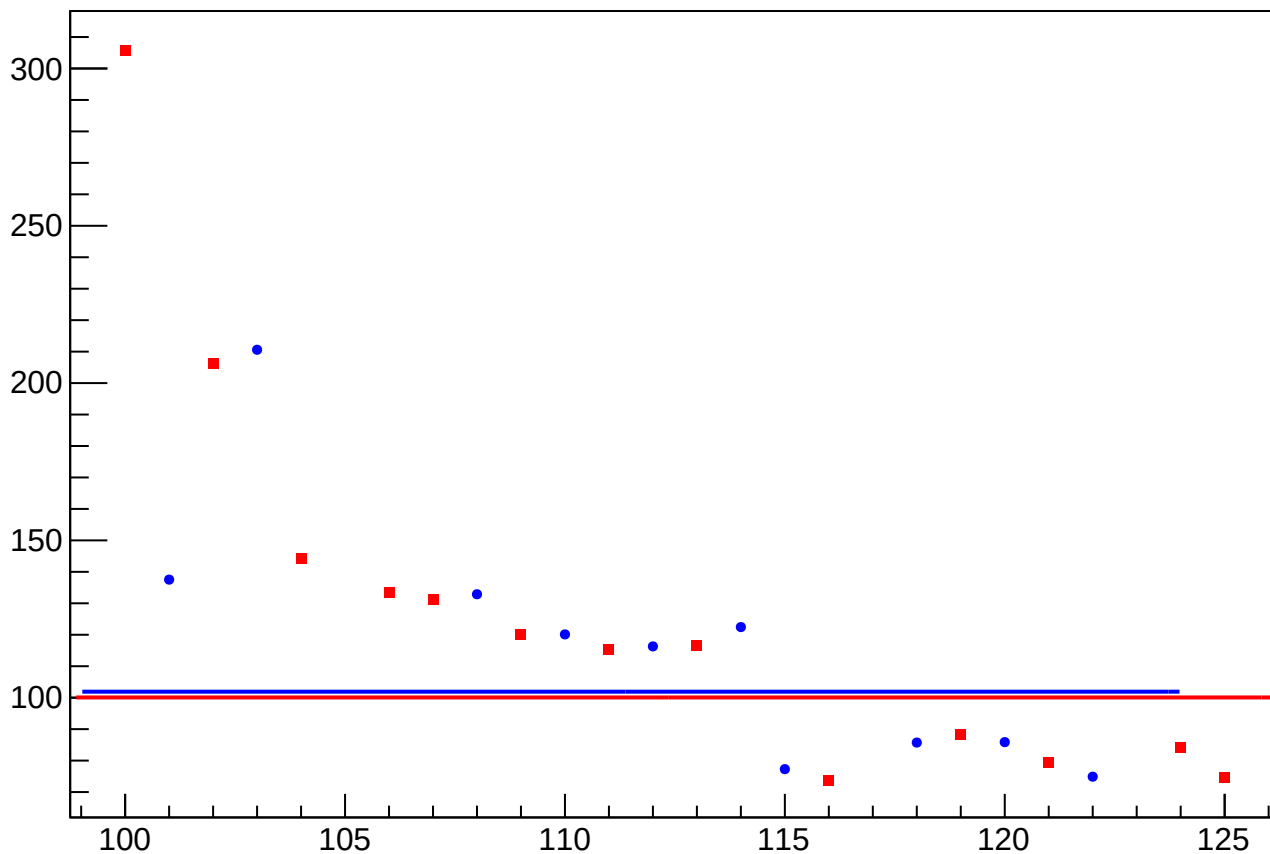
Right: 82.211+/-35.388 χ^2/NDF : 15.9/22

In: 89.100+/-53.177 χ^2/NDF : 4.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.211+/-35.388 χ^2/NDF : 15.9/22

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: 100.071+/-0.034 χ^2/NDF : 848312.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

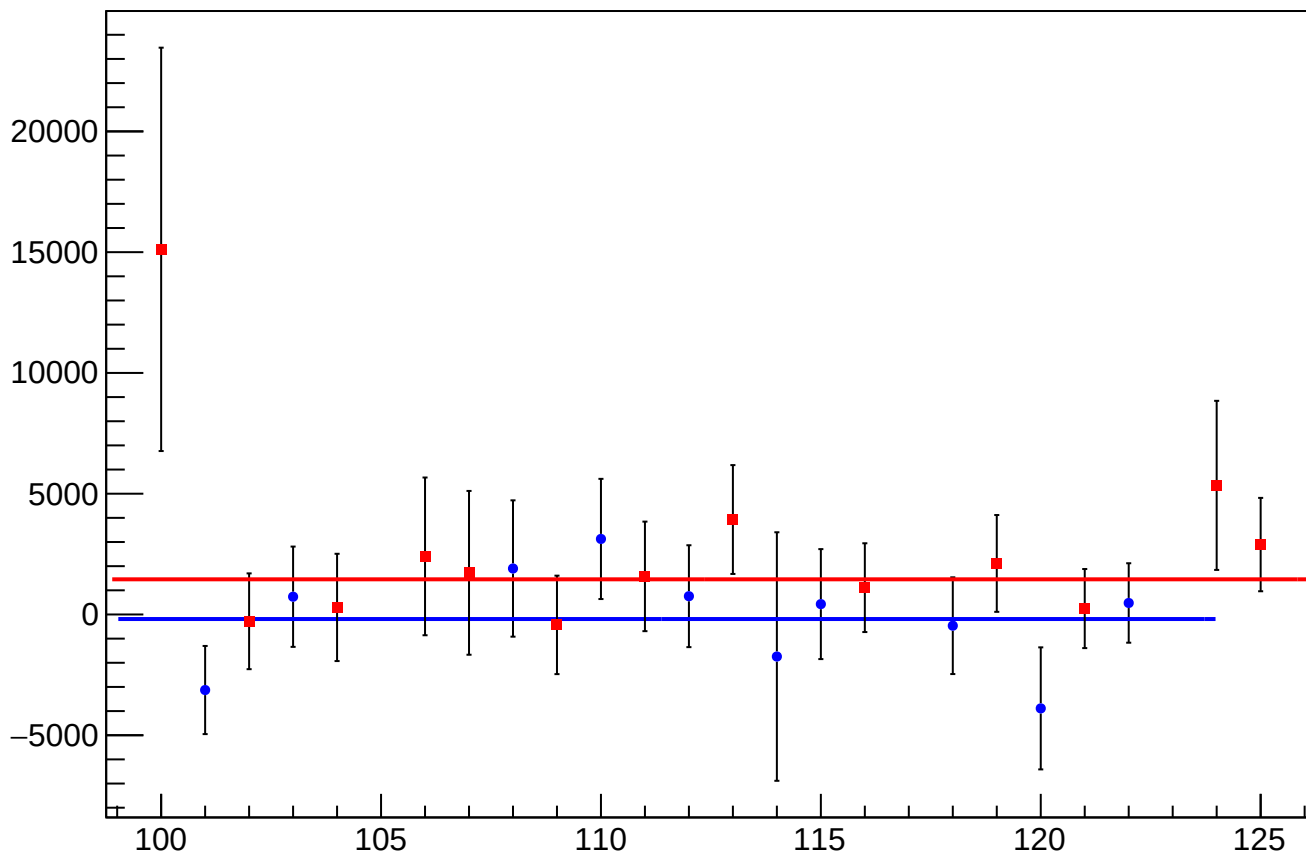
Right: 100.883+/-0.025 χ^2/NDF : 1525686.9/22

In: 101.903+/-0.038 χ^2/NDF : 676051.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.883+/-0.025 χ^2/NDF : 1525686.9/22

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: 1455.315+/-626.000 χ^2/NDF : 8.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

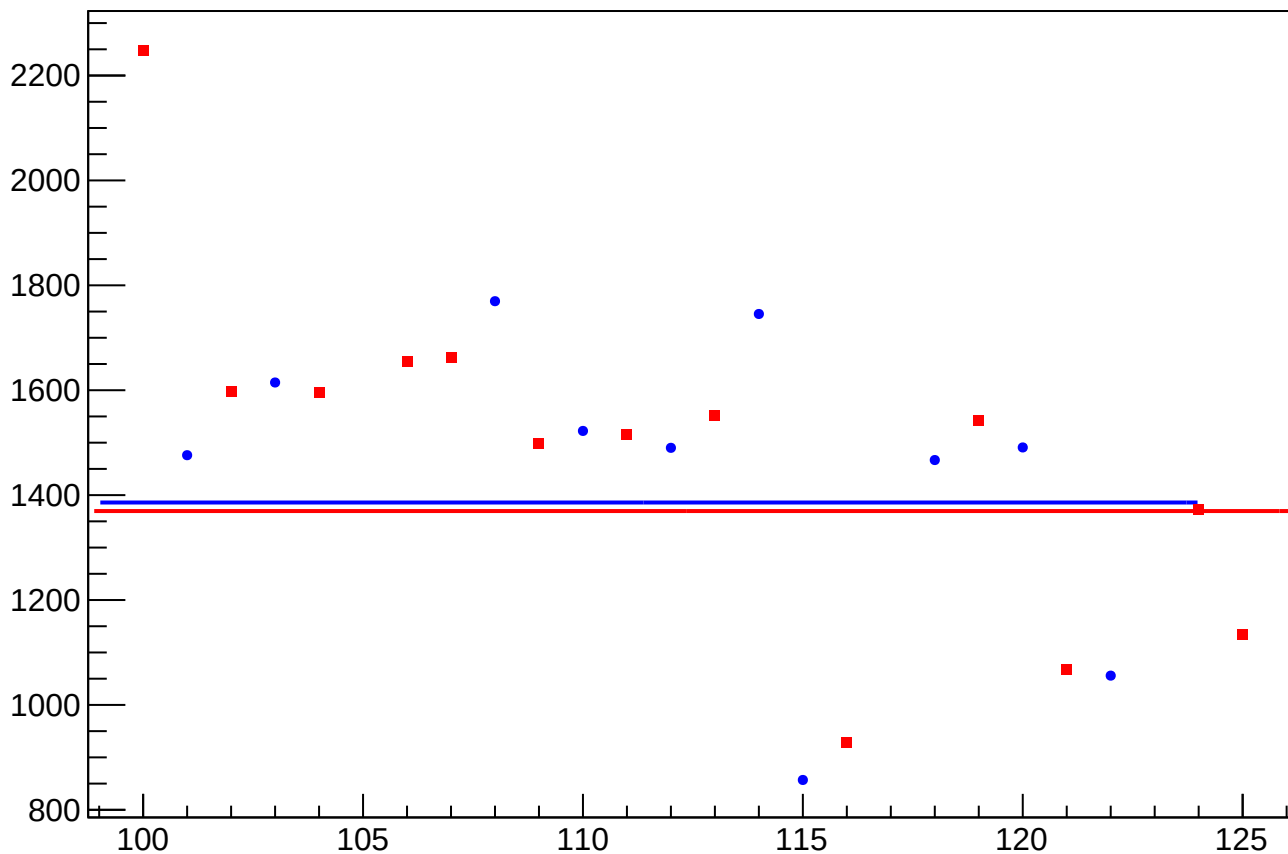
Right: 722.841+/-466.117 χ^2/NDF : 19.2/22

In: -188.564+/-698.287 χ^2/NDF : 7.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 722.841+/-466.117 χ^2/NDF : 19.2/22

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: 1369.633+/-0.443 χ^2/NDF : 357190.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

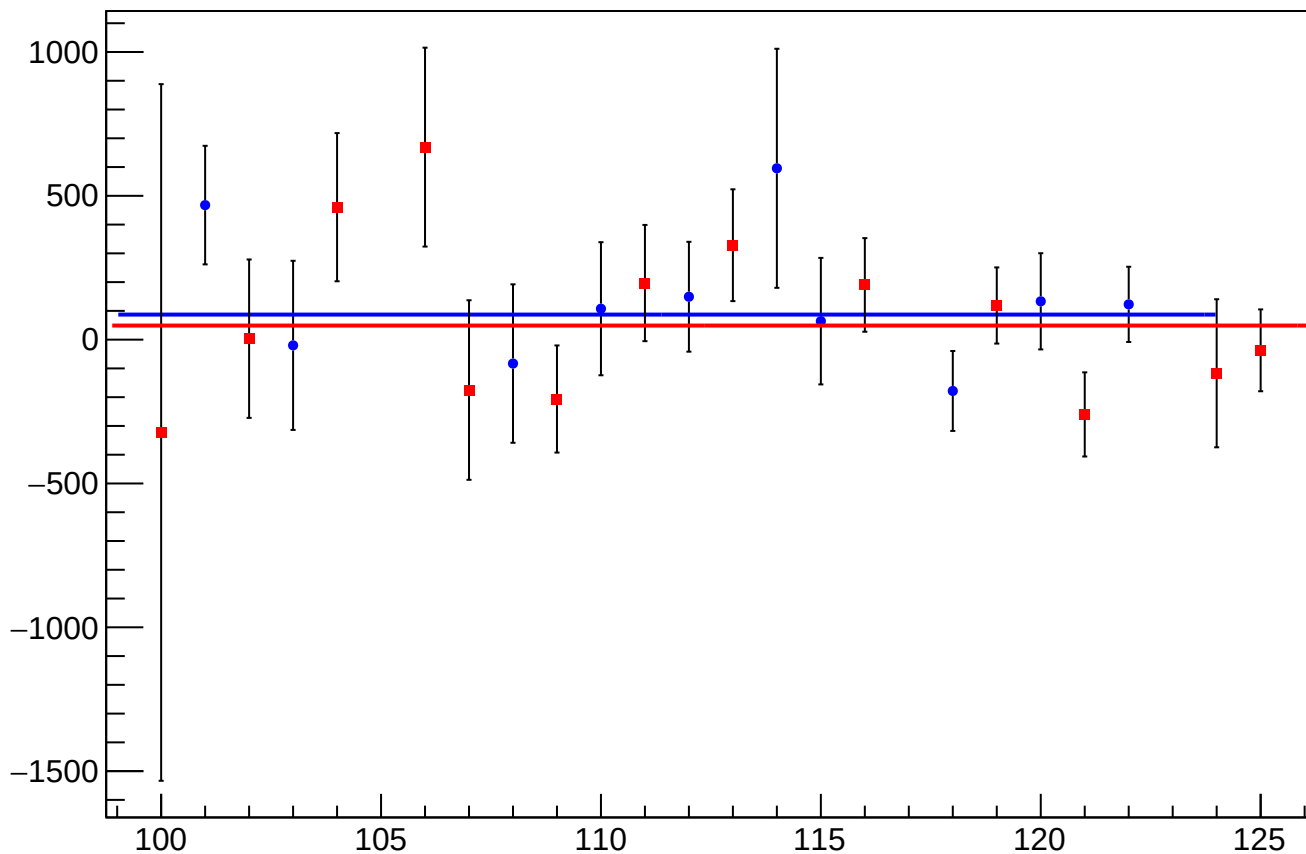
Right: 1376.895+/-0.330 χ^2/NDF : 639907.6/22

In: 1385.932+/-0.494 χ^2/NDF : 282112.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1376.895+/-0.330 χ^2/NDF : 639907.6/22

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: 49.009+/-54.760 χ^2/NDF : 17.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

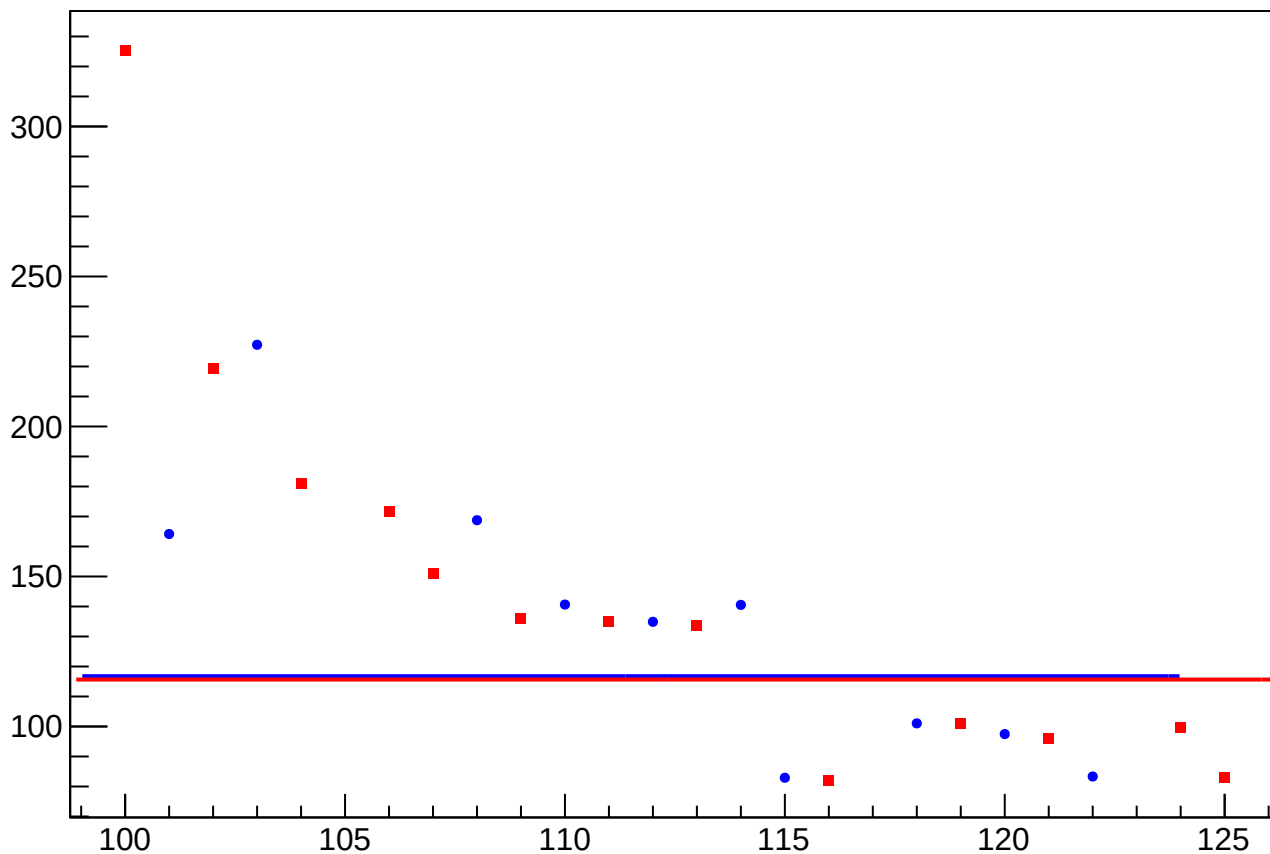
Right: 65.951+/-40.810 χ^2/NDF : 26.7/22

In: 87.115+/-61.202 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.951+/-40.810 χ^2/NDF : 26.7/22

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 116.770+/-0.043 χ^2/NDF : 735807.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.648+/-0.039 χ^2/NDF : 869163.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

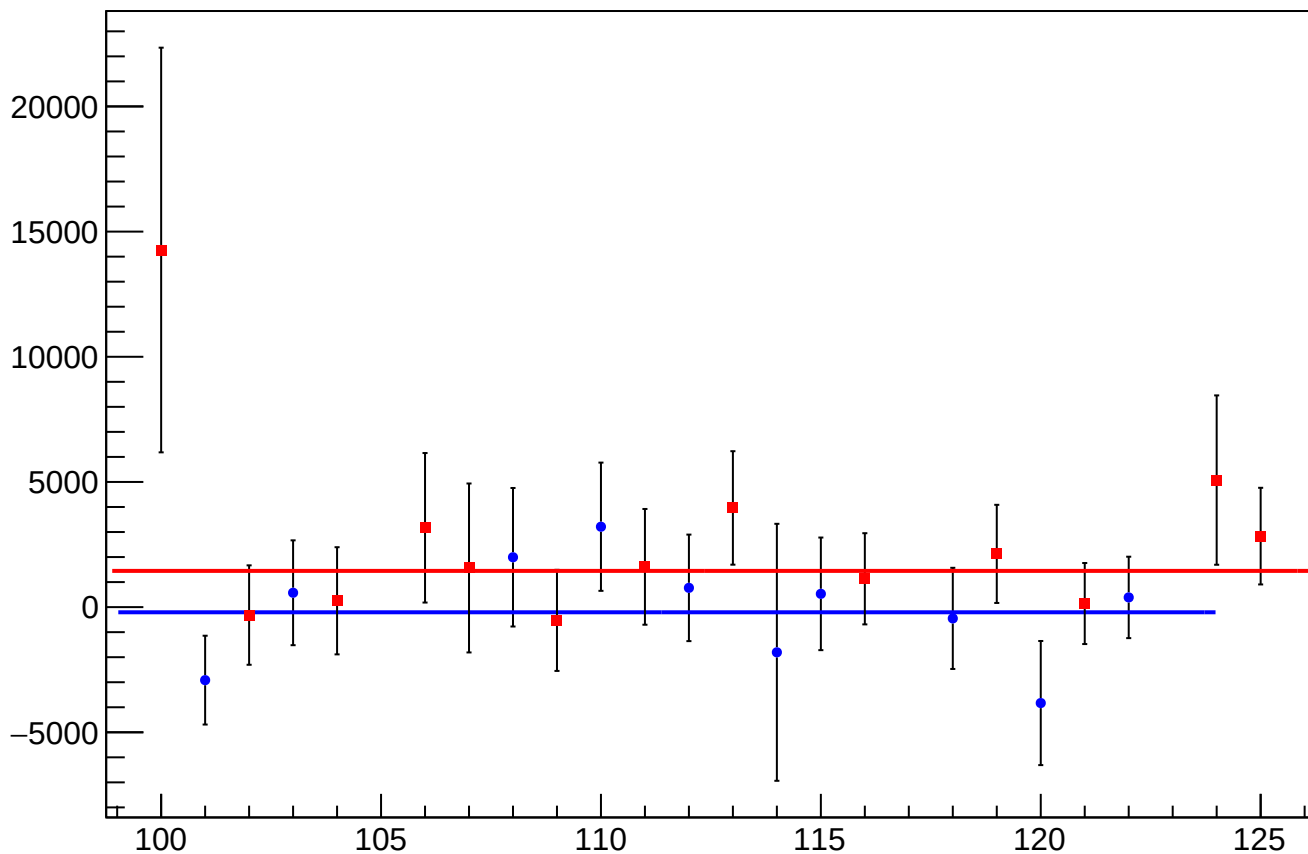
Right: 116.147+/-0.029 χ^2/NDF : 1605343.9/22

In: 116.770+/-0.043 χ^2/NDF : 735807.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.147+/-0.029 χ^2/NDF : 1605343.9/22

asym_sam_3726_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -206.061 $\pm$ 694.804 χ^2 /NDF: 7.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1447.269 $\pm$ 618.570 χ^2 /NDF: 8.6/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

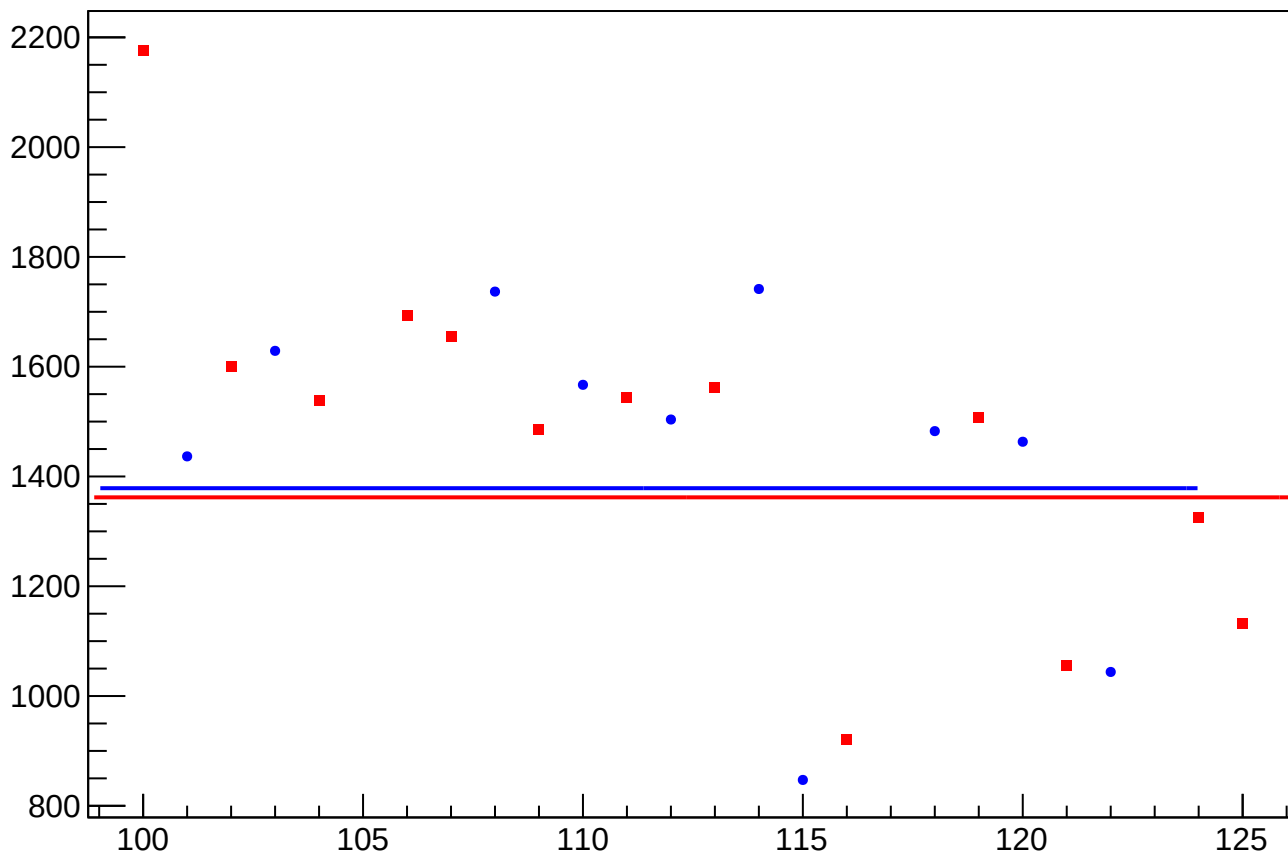
Right: 716.248 $\pm$ 462.006 χ^2 /NDF: 19.4/22

In: -206.061 $\pm$ 694.804 χ^2 /NDF:7.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 716.248 $\pm$ 462.006 χ^2 /NDF: 19.4/22

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: 1361.979+/-0.437 χ^2/NDF : 366850.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

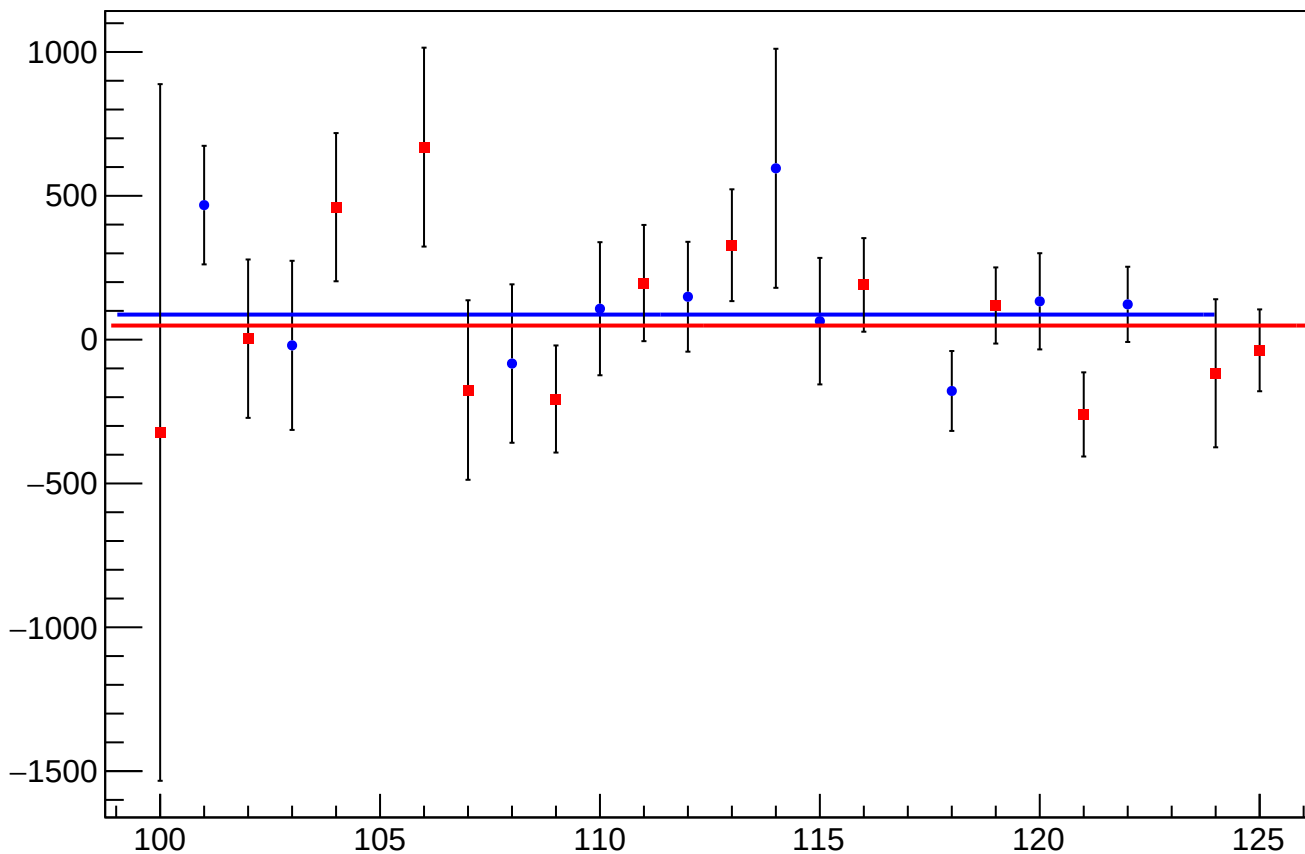
Right: 1369.349+/-0.327 χ^2/NDF : 663516.4/22

In: 1378.648+/-0.491 χ^2/NDF : 296024.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1369.349+/-0.327 χ^2/NDF : 663516.4/22

eigen_dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 87.115+/-61.202 χ^2/NDF : 9.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.005+/-54.760 χ^2/NDF : 17.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

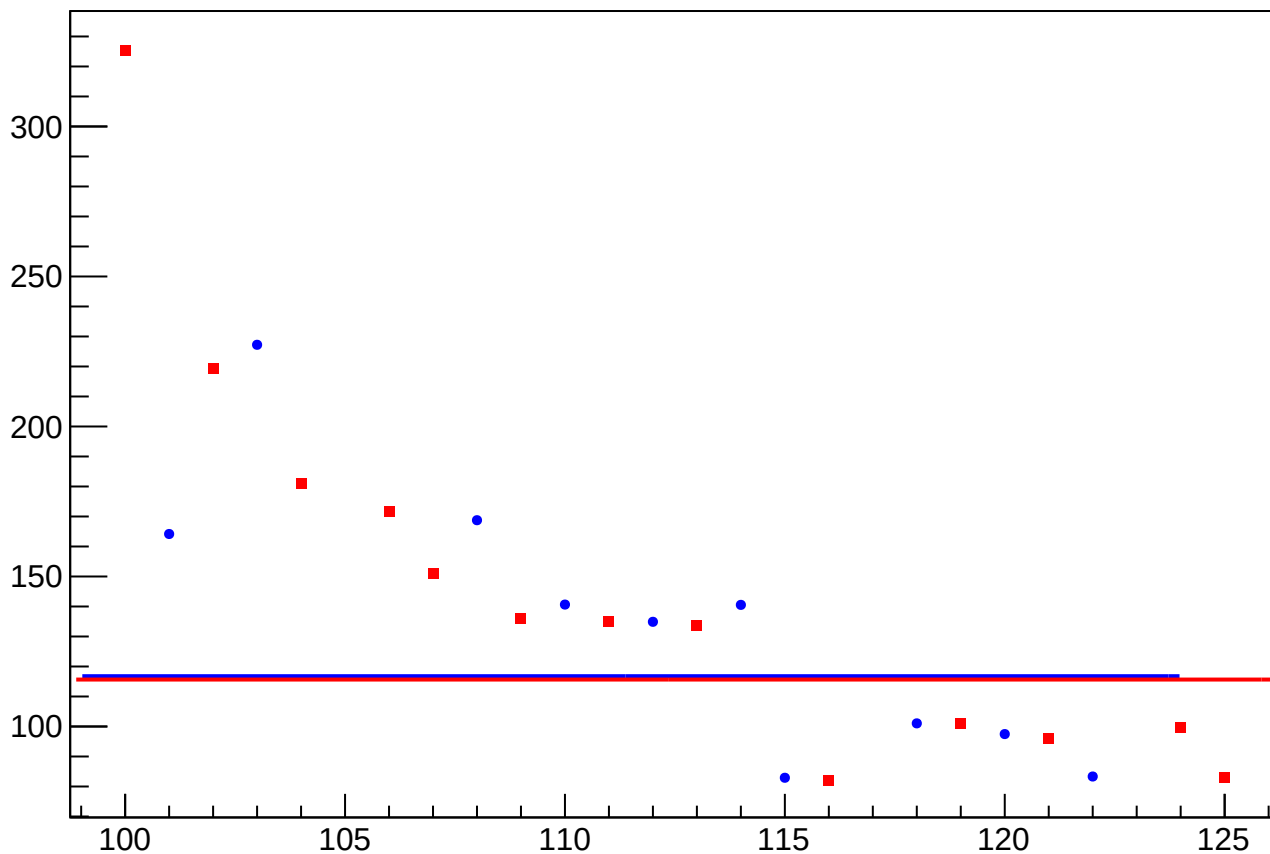
Right: 65.950+/-40.810 χ^2/NDF : 26.7/22

In: 87.115+/-61.202 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.950+/-40.810 χ^2/NDF : 26.7/22

eigen_dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 116.770 $\pm$ 0.043 χ^2 /NDF: 735801.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 115.648 $\pm$ 0.039 χ^2 /NDF: 869156.4/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

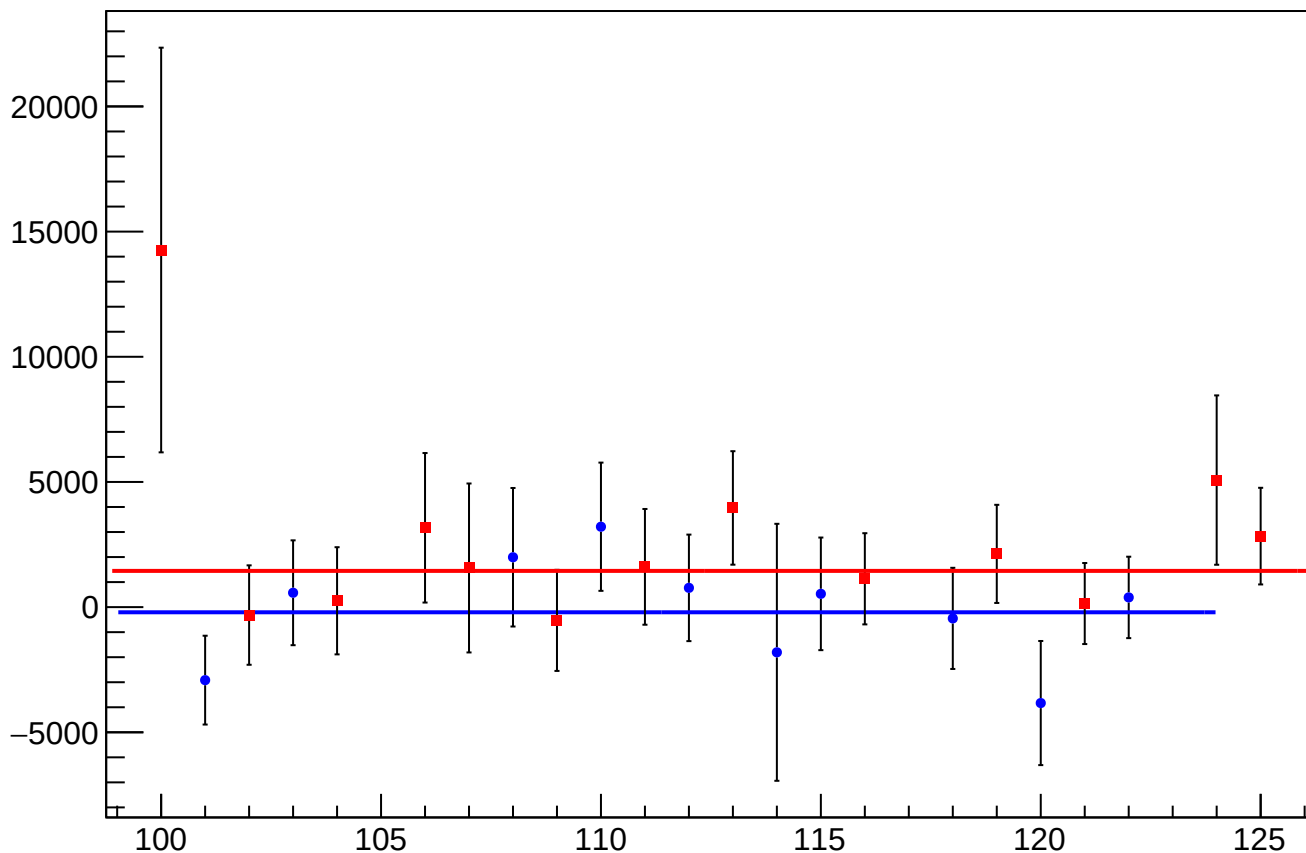
Right: 116.147 $\pm$ 0.029 χ^2 /NDF: 1605331.3/22

In: 116.770 $\pm$ 0.043 χ^2 /NDF:735801.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 116.147 $\pm$ 0.029 χ^2 /NDF: 1605331.3/22

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: 1447.266+/-618.569 χ^2 /NDF: 8.6/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

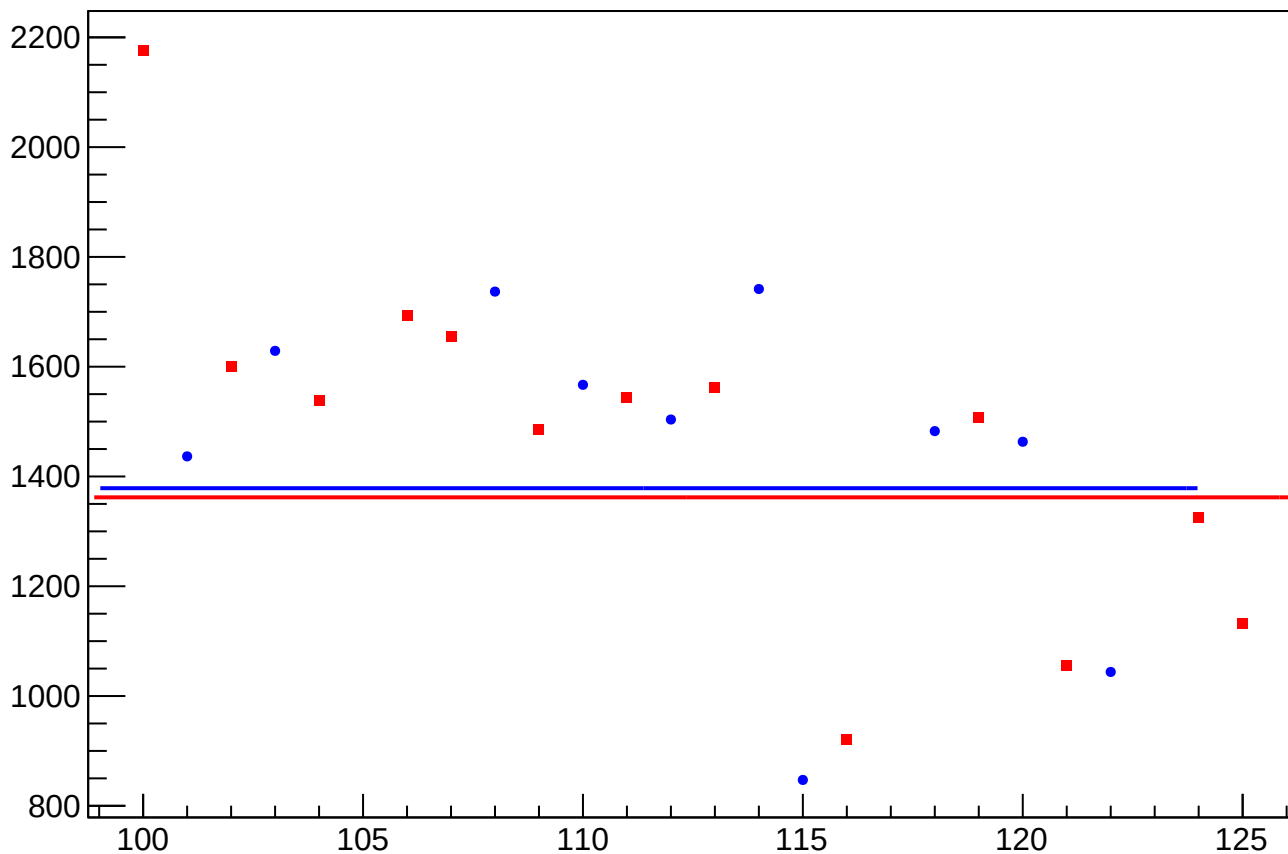
Right: 716.247+/-462.005 χ^2 /NDF: 19.4/22

In: -206.059+/-694.803 χ^2 /NDF:7.6/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 716.247+/-462.005 χ^2 /NDF: 19.4/22

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: 1361.975+/-0.437 χ^2/NDF : 366846.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

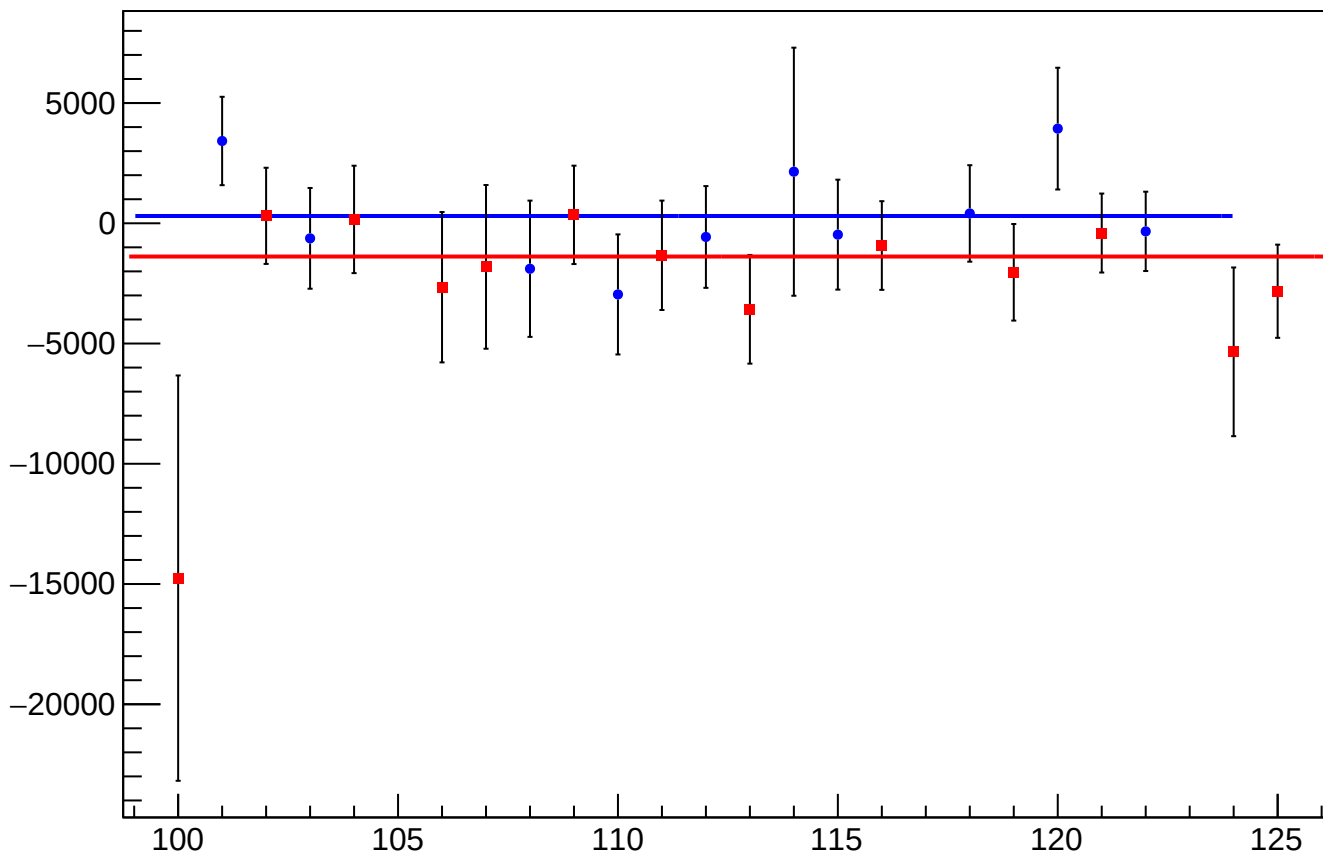
Right: 1369.346+/-0.327 χ^2/NDF : 663508.1/22

In: 1378.645+/-0.491 χ^2/NDF : 296019.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1369.346+/-0.327 χ^2/NDF : 663508.1/22

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: -1382.920+/-627.156 χ^2/NDF : 7.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

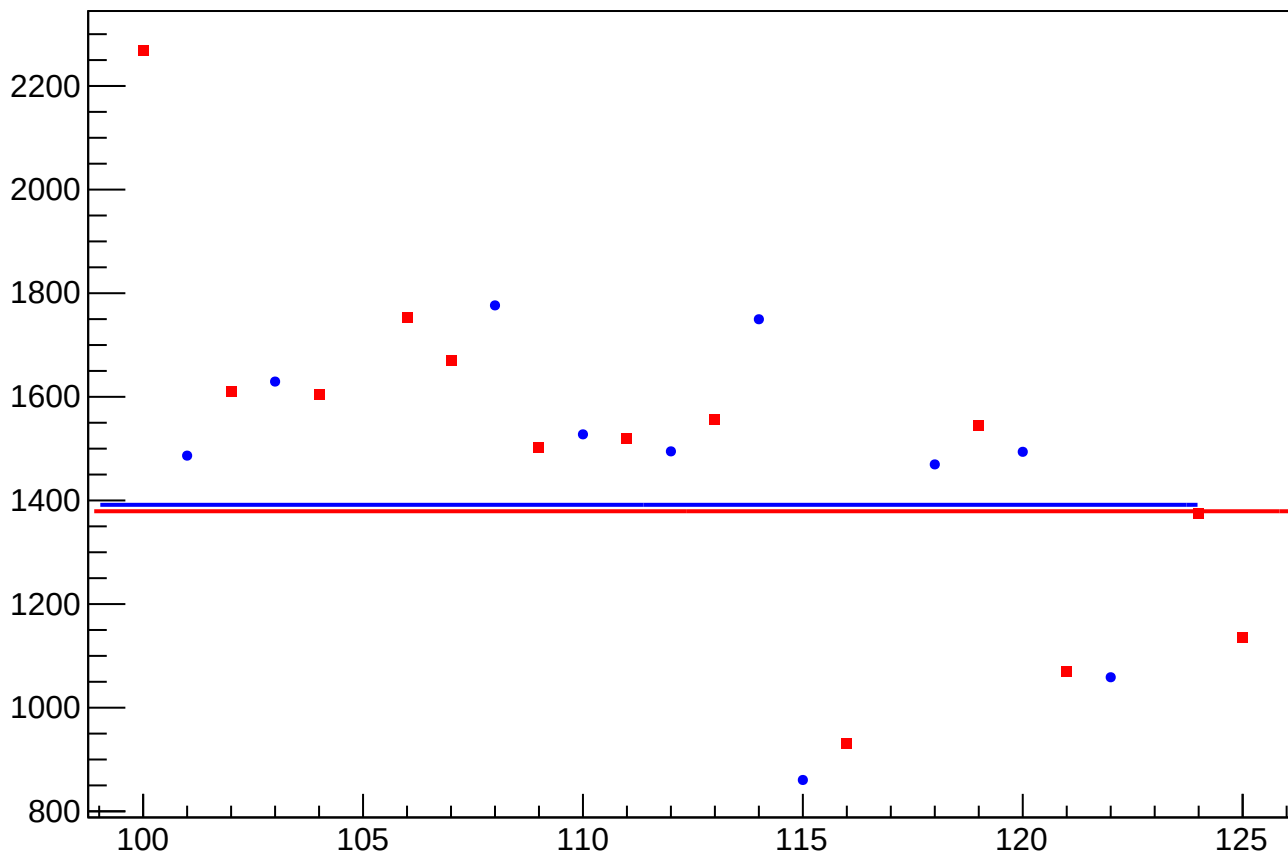
Right: -633.626+/-467.458 χ^2/NDF : 19.1/22

In: 303.026+/-701.195 χ^2/NDF : 8.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -633.626+/-467.458 χ^2/NDF : 19.1/22

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: 1379.163+/-0.443 χ^2/NDF : 373750.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

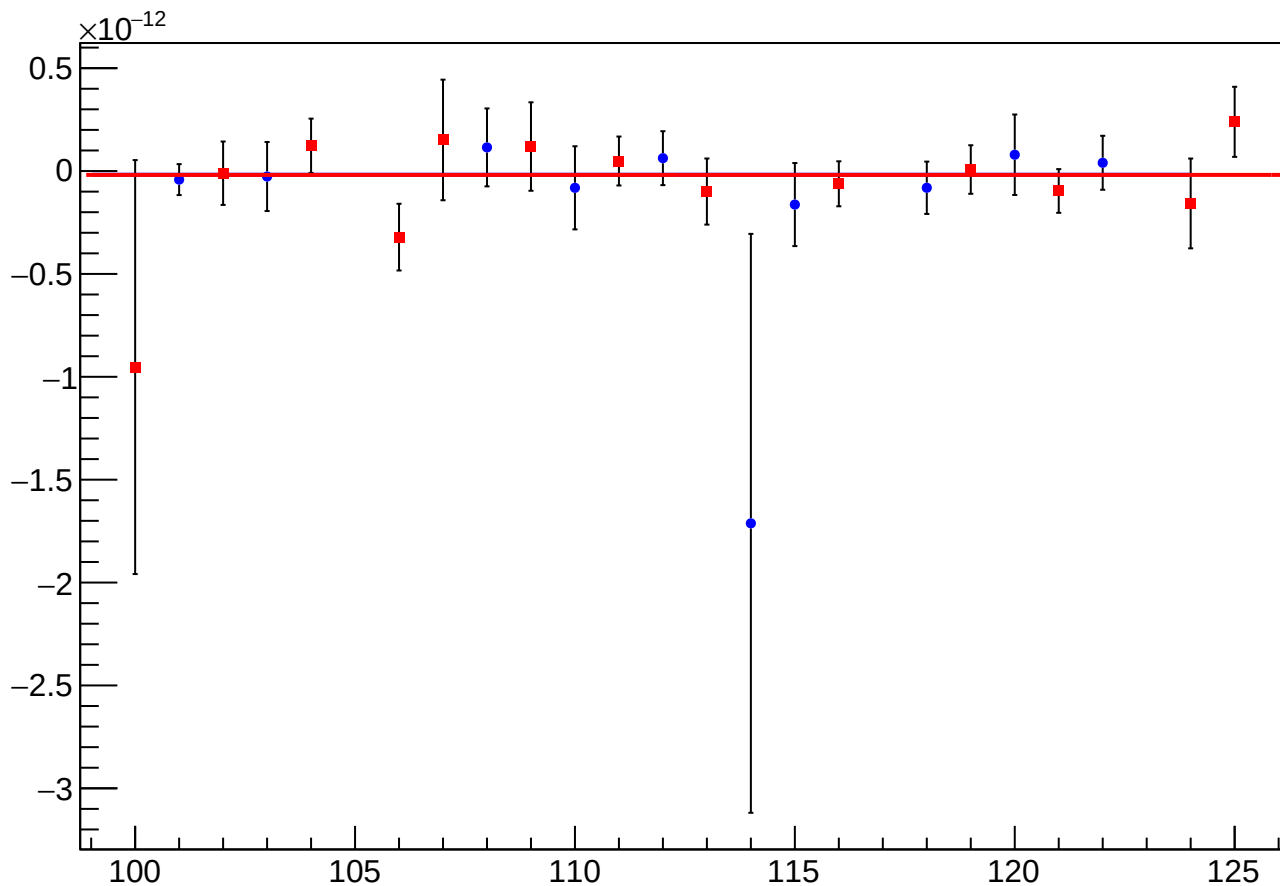
Right: 1384.685+/-0.331 χ^2/NDF : 658179.8/22

In: 1391.587+/-0.496 χ^2/NDF : 284080.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1384.685+/-0.331 χ^2/NDF : 658179.8/22

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: 10.3/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

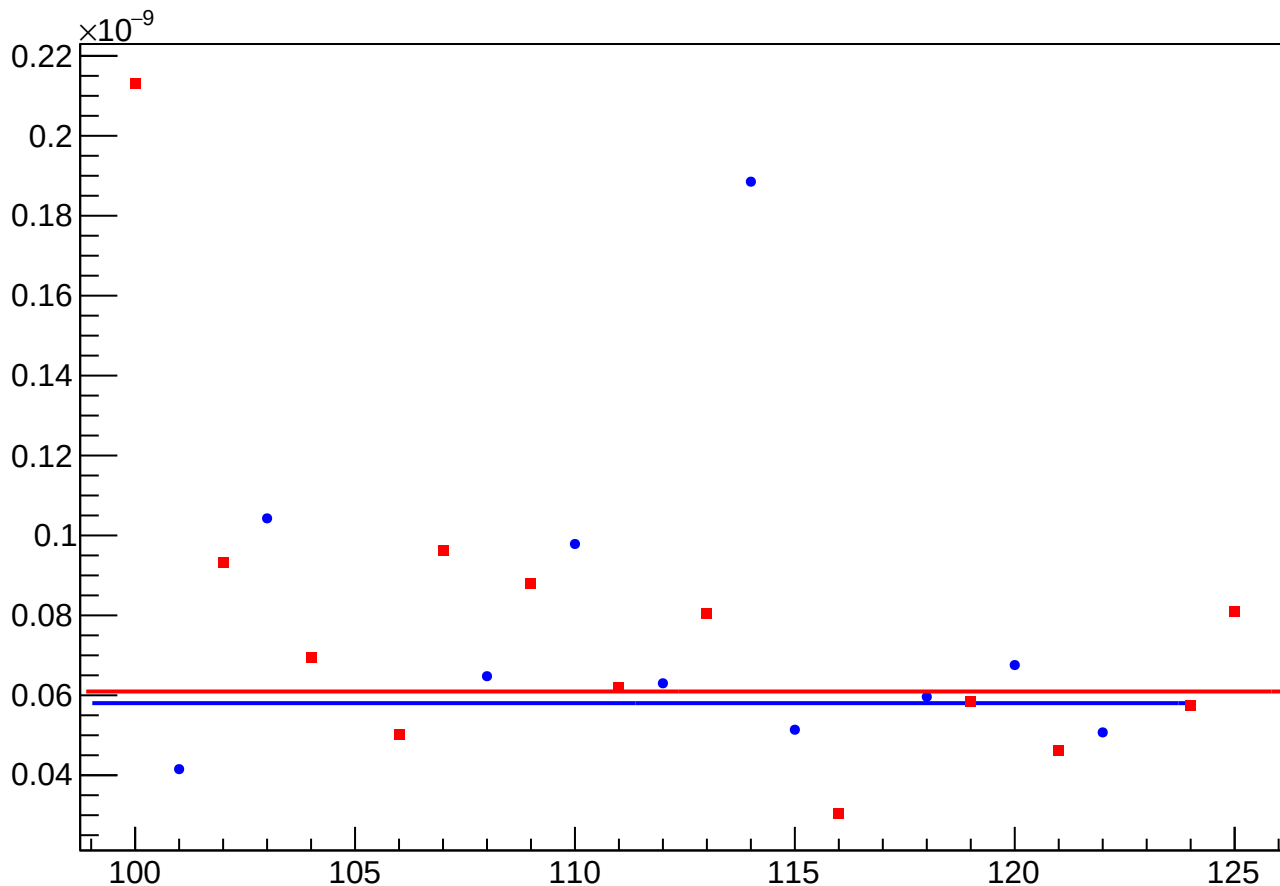
Right: -0.000+/-0.000 χ^2 /NDF: 14.0/22

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: 14.0/22

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 : 464257.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

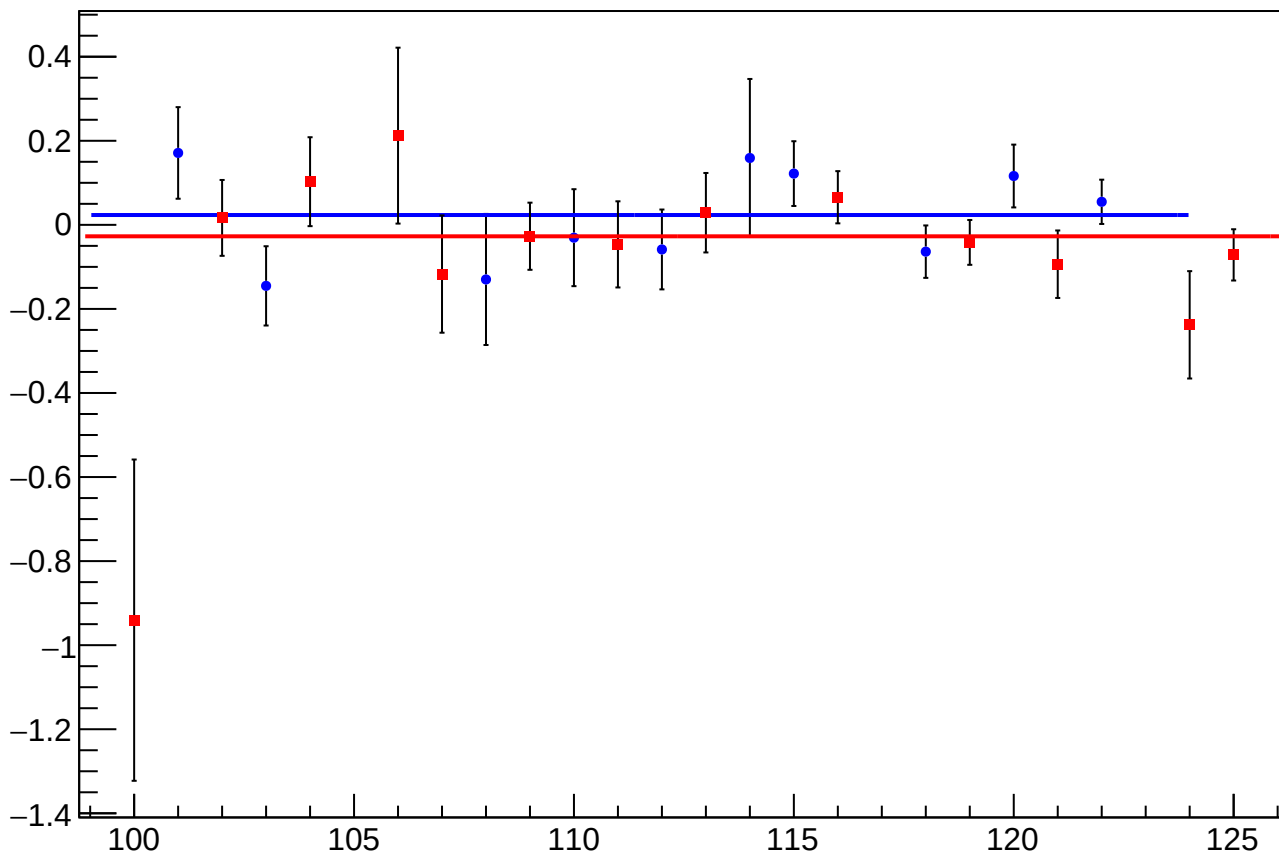
Right: 0.000+/-0.000 χ^2/NDF : 830844.1/22

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 : 830844.1/22

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: -0.027+/-0.024 χ^2/NDF : 15.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

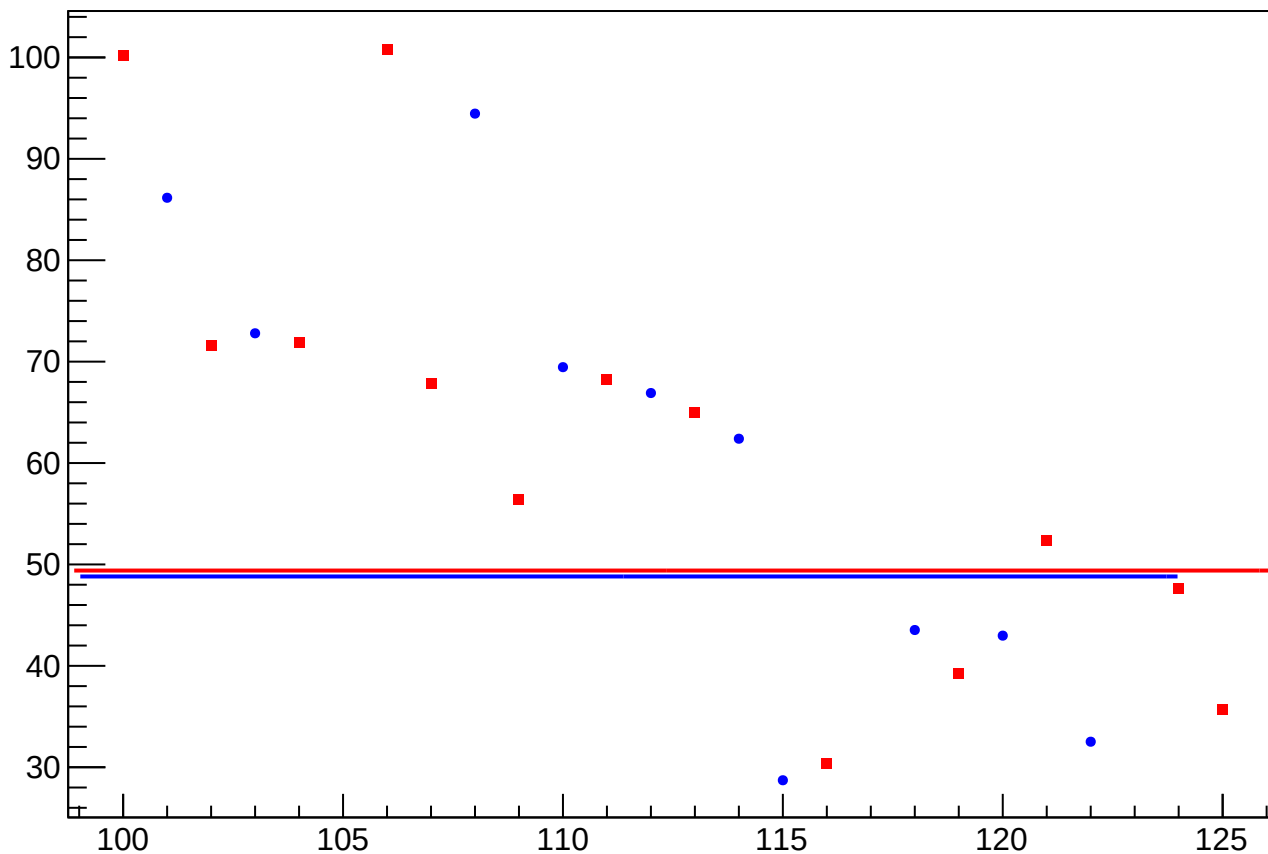
Right: -0.005+/-0.018 χ^2/NDF : 30.8/22

In: 0.023+/-0.027 χ^2/NDF : 13.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.018 χ^2/NDF : 30.8/22

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: 49.398+/-0.017 χ^2/NDF : 903154.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

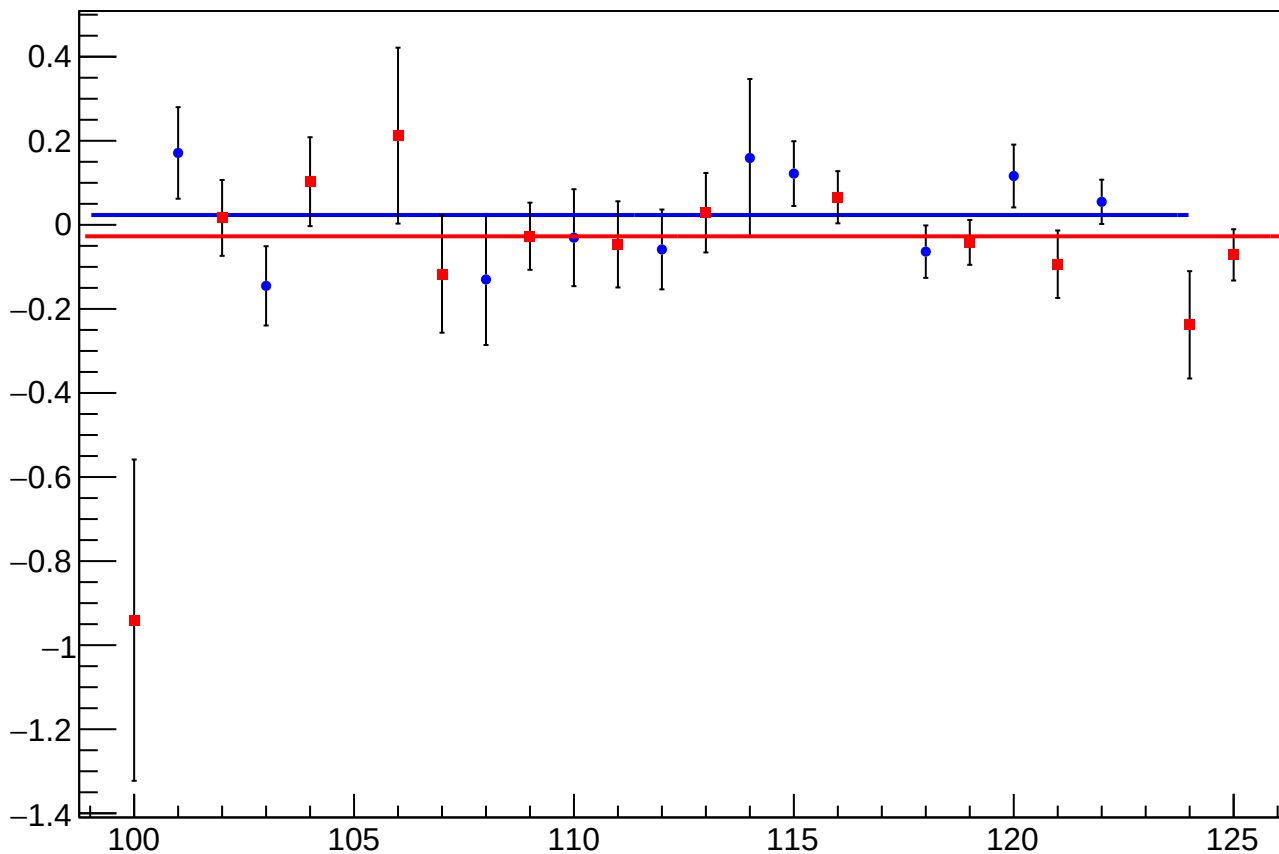
Right: 49.137+/-0.013 χ^2/NDF : 1940536.4/22

In: 48.814+/-0.019 χ^2/NDF : 1036847.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.137+/-0.013 χ^2/NDF : 1940536.4/22

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: -0.027+/-0.024 χ^2/NDF : 15.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

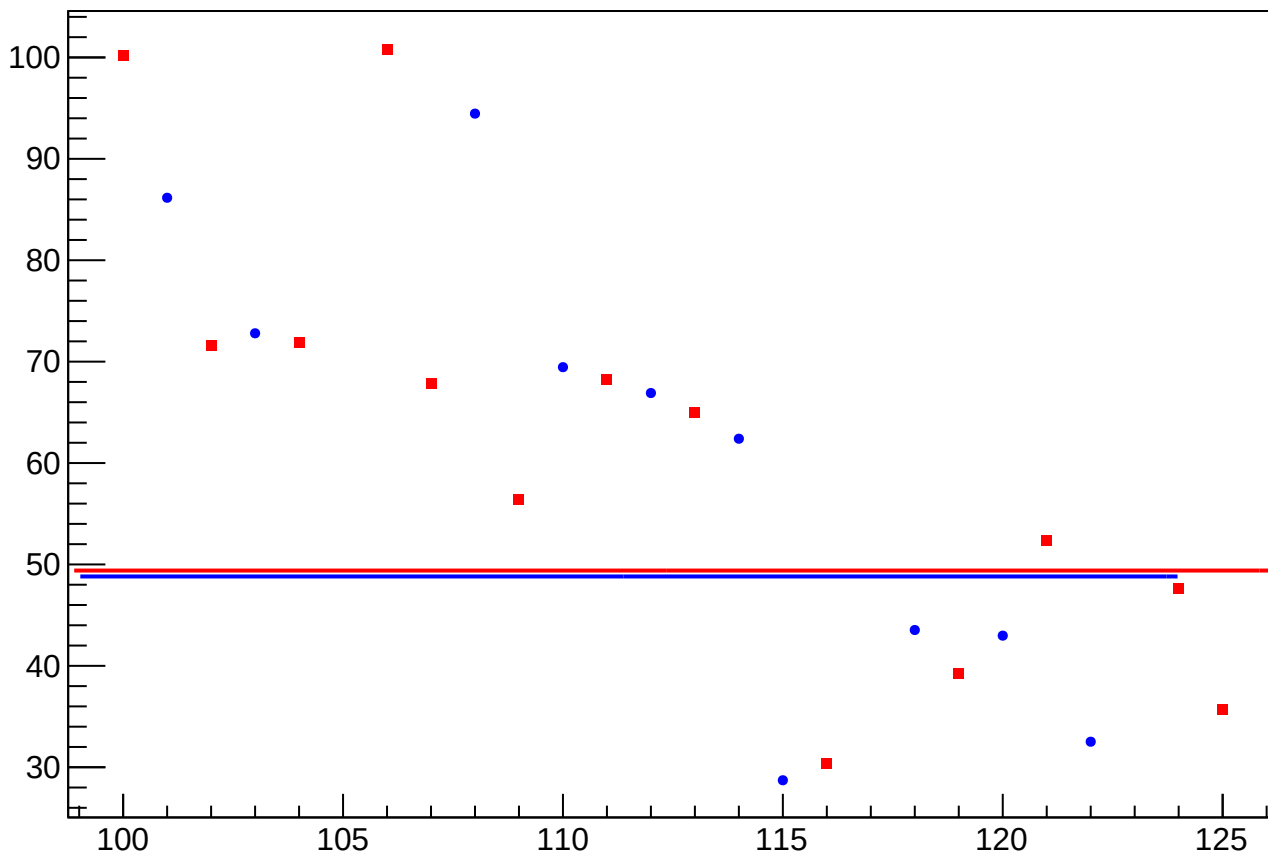
Right: -0.005+/-0.018 χ^2/NDF : 30.8/22

In: 0.023+/-0.027 χ^2/NDF : 13.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.018 χ^2/NDF : 30.8/22

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: 49.398+/-0.017 χ^2/NDF : 903154.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

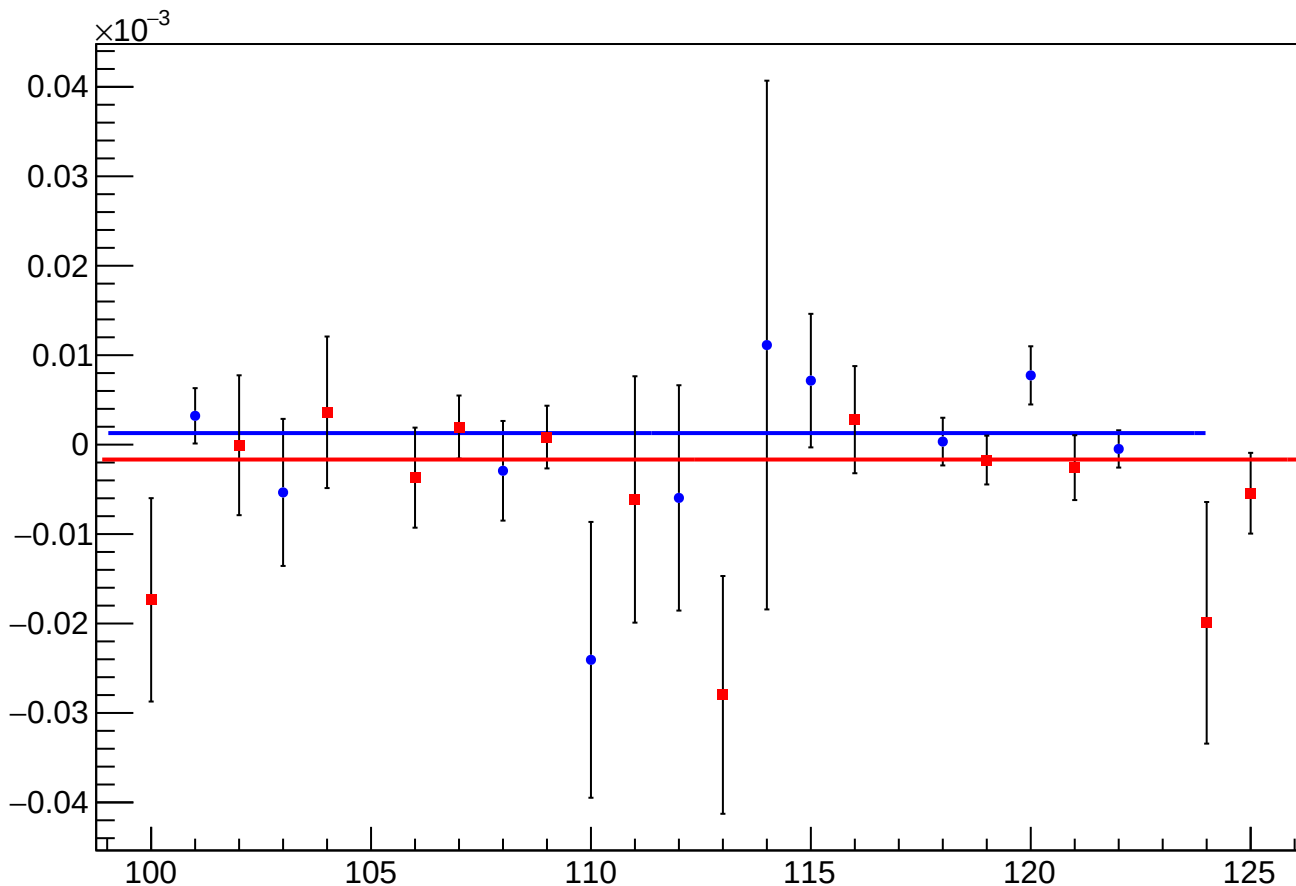
Right: 49.137+/-0.013 χ^2/NDF : 1940536.4/22

In: 48.814+/-0.019 χ^2/NDF :1036847.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 49.137+/-0.013 χ^2/NDF : 1940536.4/22

asym_sam_3726_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

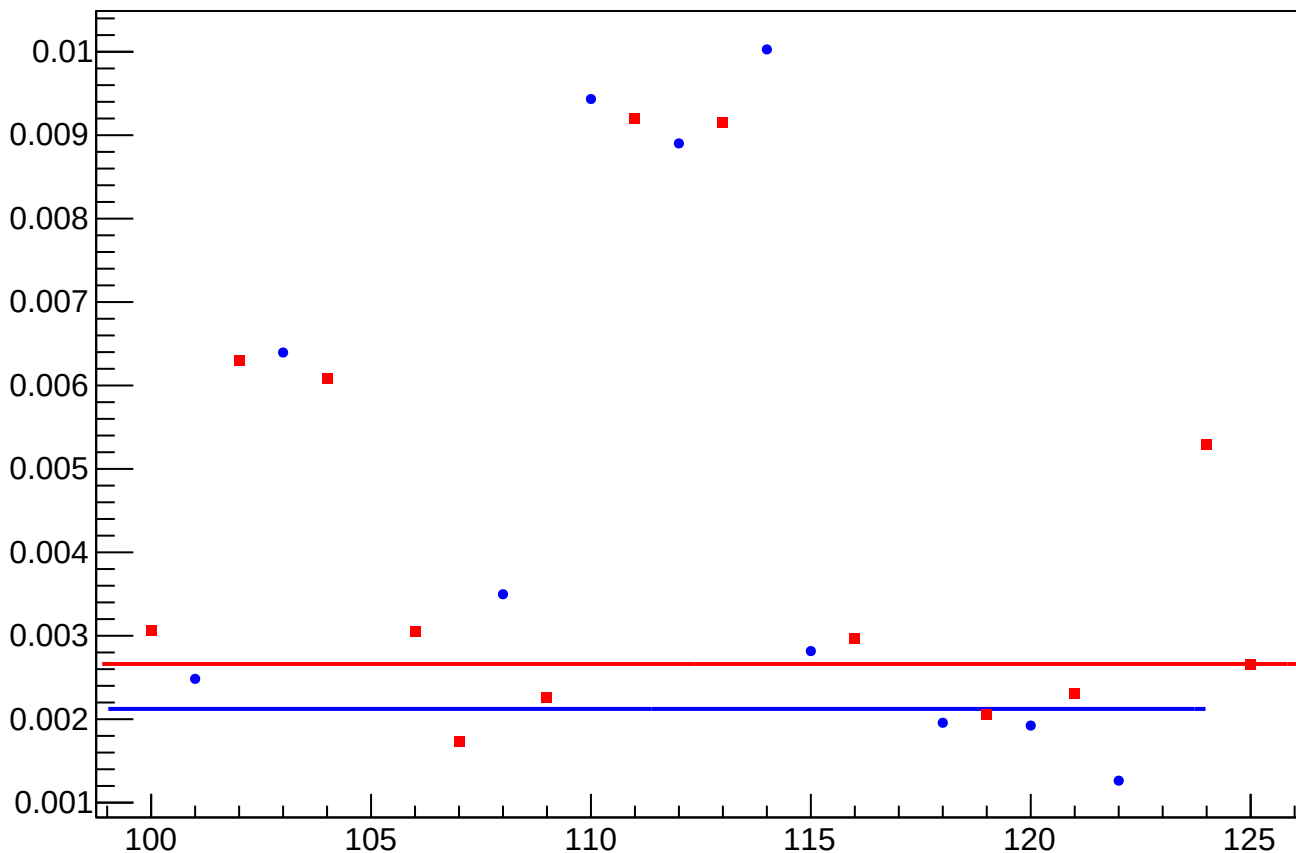
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 23.9/22

In: 0.000 $\pm$ 0.000 χ^2 /NDF:10.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 23.9/22

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 : 2063935.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

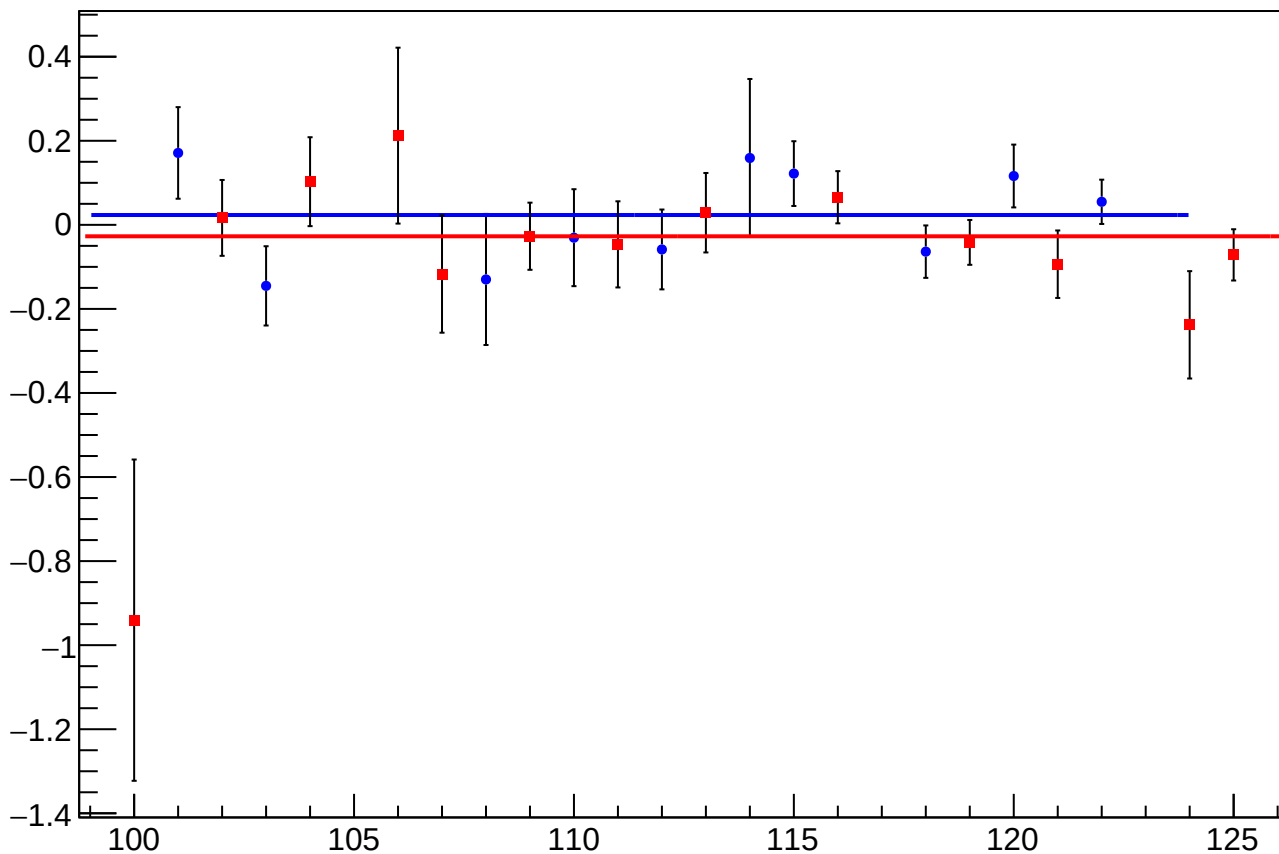
Right: 0.002+/-0.000 χ^2/NDF : 4467787.1/22

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 : 4467787.1/22

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: -0.027±/-0.024 χ^2/NDF : 15.8/12

Left In: 0.000±/-0.000 χ^2/NDF : 0.0/0

Left: 0.000±/-0.000 χ^2/NDF : 0.0/0

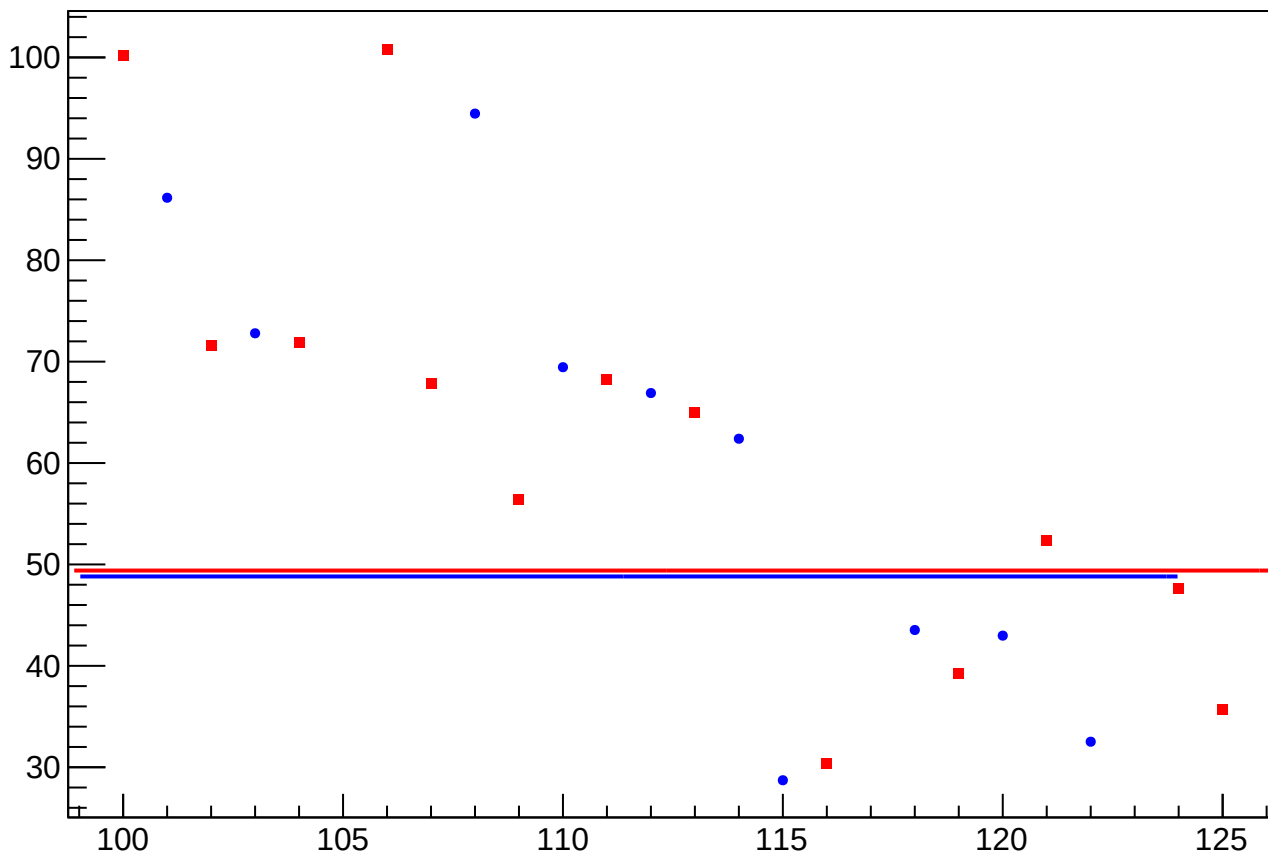
Right: -0.005±/-0.018 χ^2/NDF : 30.8/22

In: 0.023±/-0.027 χ^2/NDF : 13.0/9

Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

All: -0.005±/-0.018 χ^2/NDF : 30.8/22

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: 49.398+/-0.017 χ^2/NDF : 903109.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

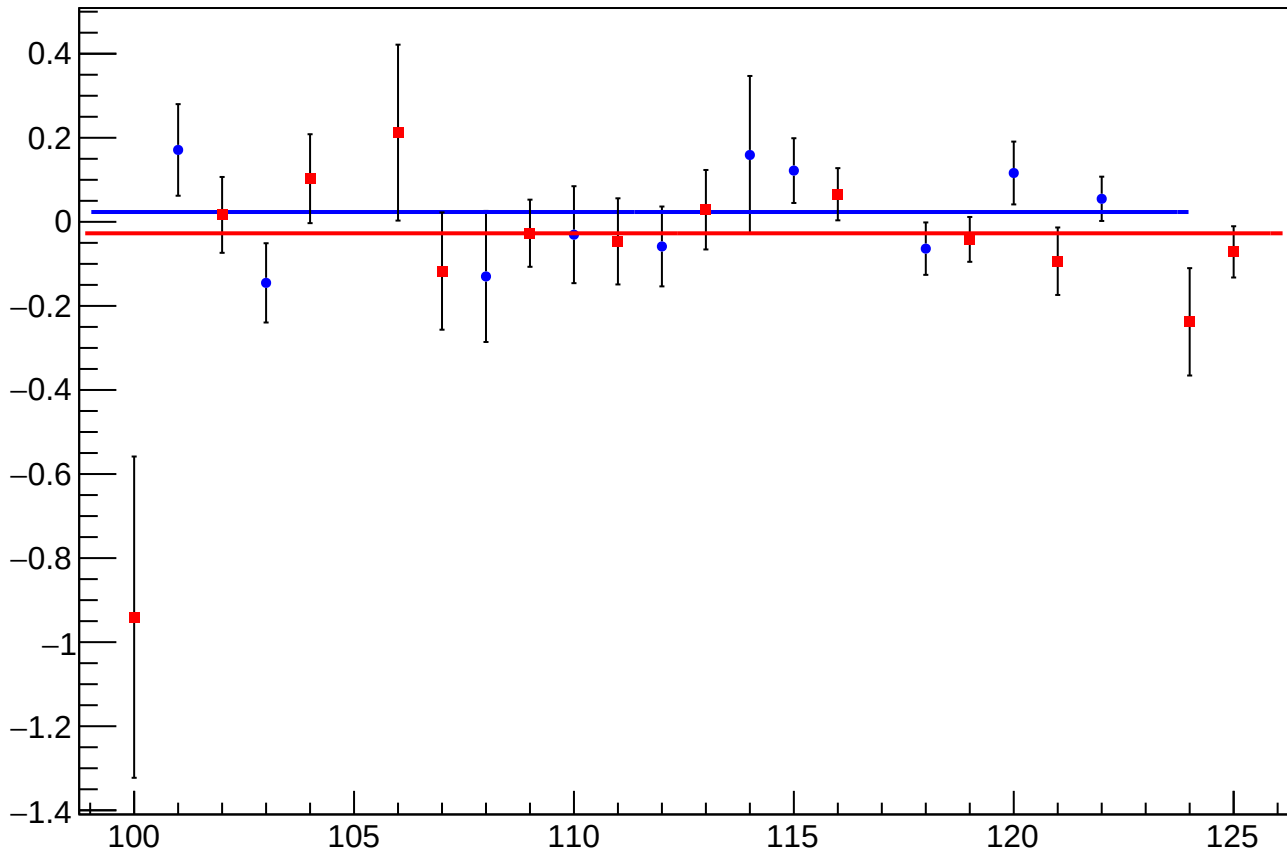
Right: 49.137+/-0.013 χ^2/NDF : 1940455.4/22

In: 48.814+/-0.019 χ^2/NDF :1036811.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 49.137+/-0.013 χ^2/NDF : 1940455.4/22

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: -0.027+/-0.024 χ^2/NDF : 15.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

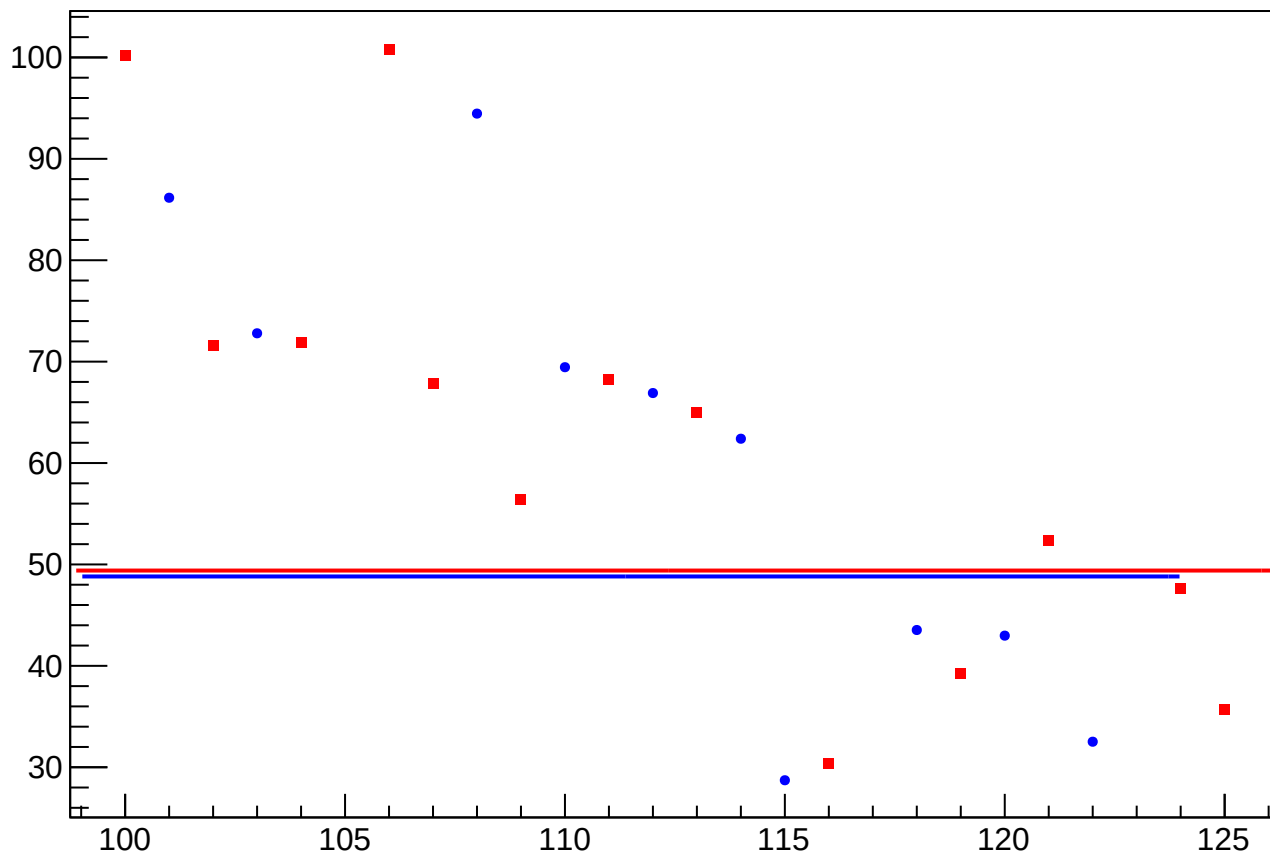
Right: -0.005+/-0.018 χ^2/NDF : 30.8/22

In: 0.023+/-0.027 χ^2/NDF : 13.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.018 χ^2/NDF : 30.8/22

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: 49.398+/-0.017 χ^2/NDF : 903109.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

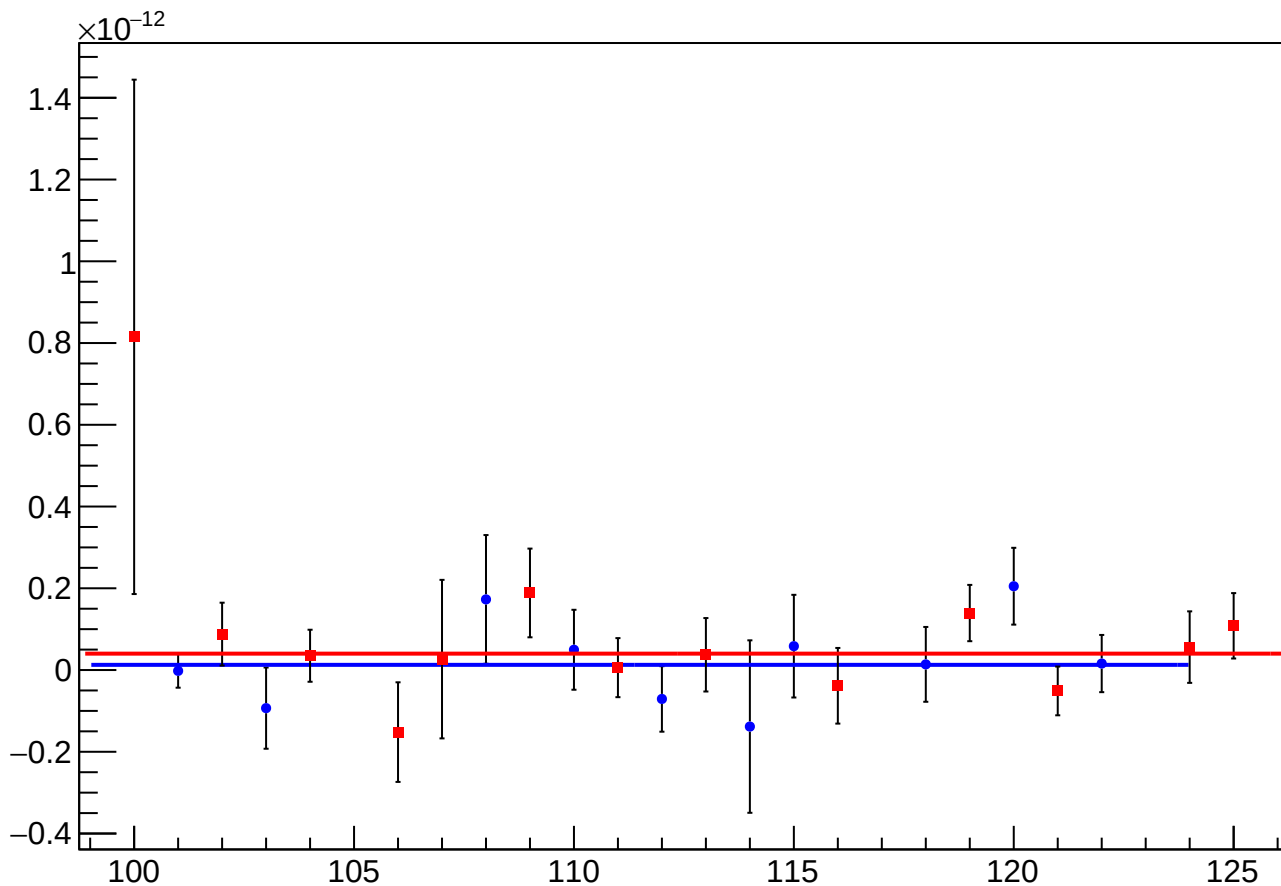
Right: 49.137+/-0.013 χ^2/NDF : 1940455.4/22

In: 48.814+/-0.019 χ^2/NDF : 1036811.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.137+/-0.013 χ^2/NDF : 1940455.4/22

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 : 12.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

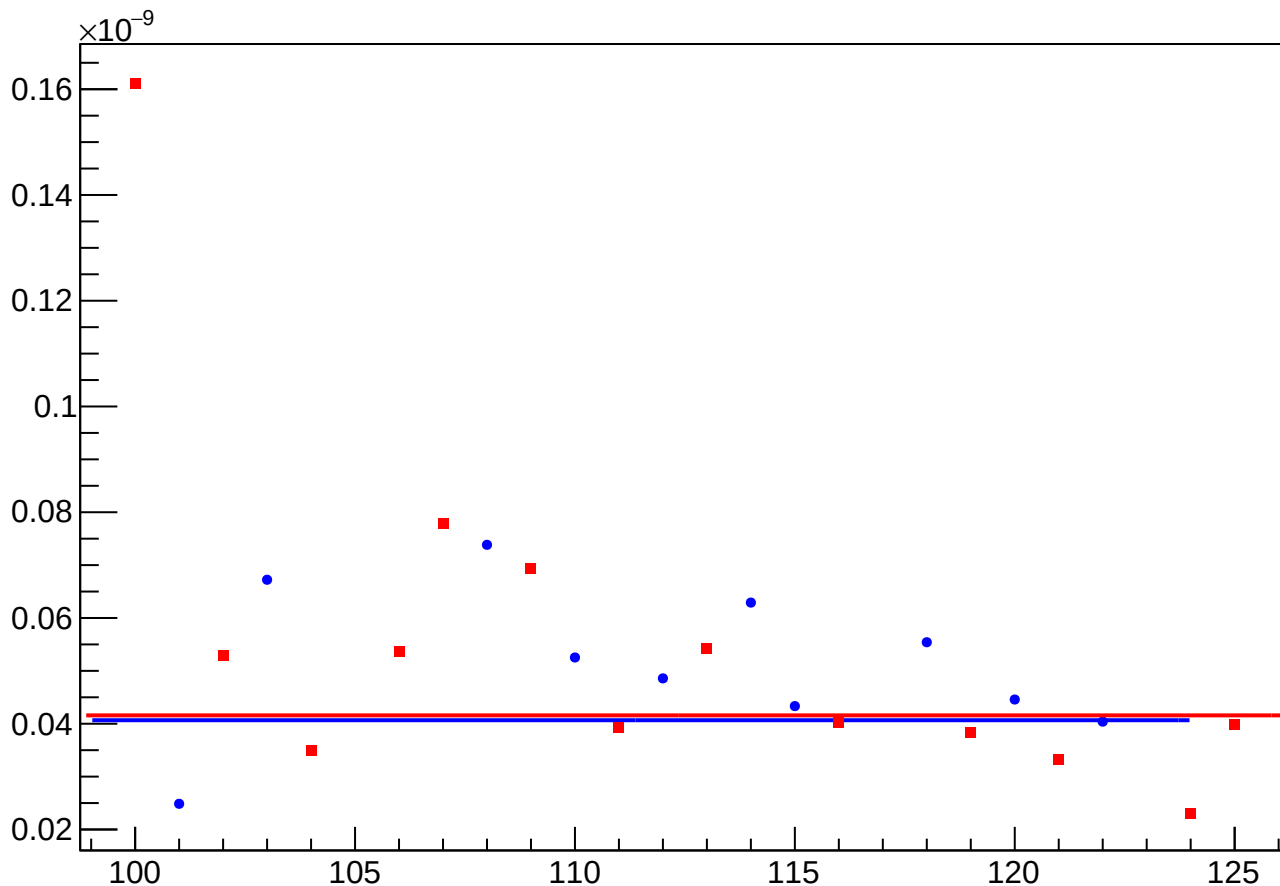
Right: 0.000+/-0.000 χ^2/NDF : 21.4/22

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 : 21.4/22

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 : 534631.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

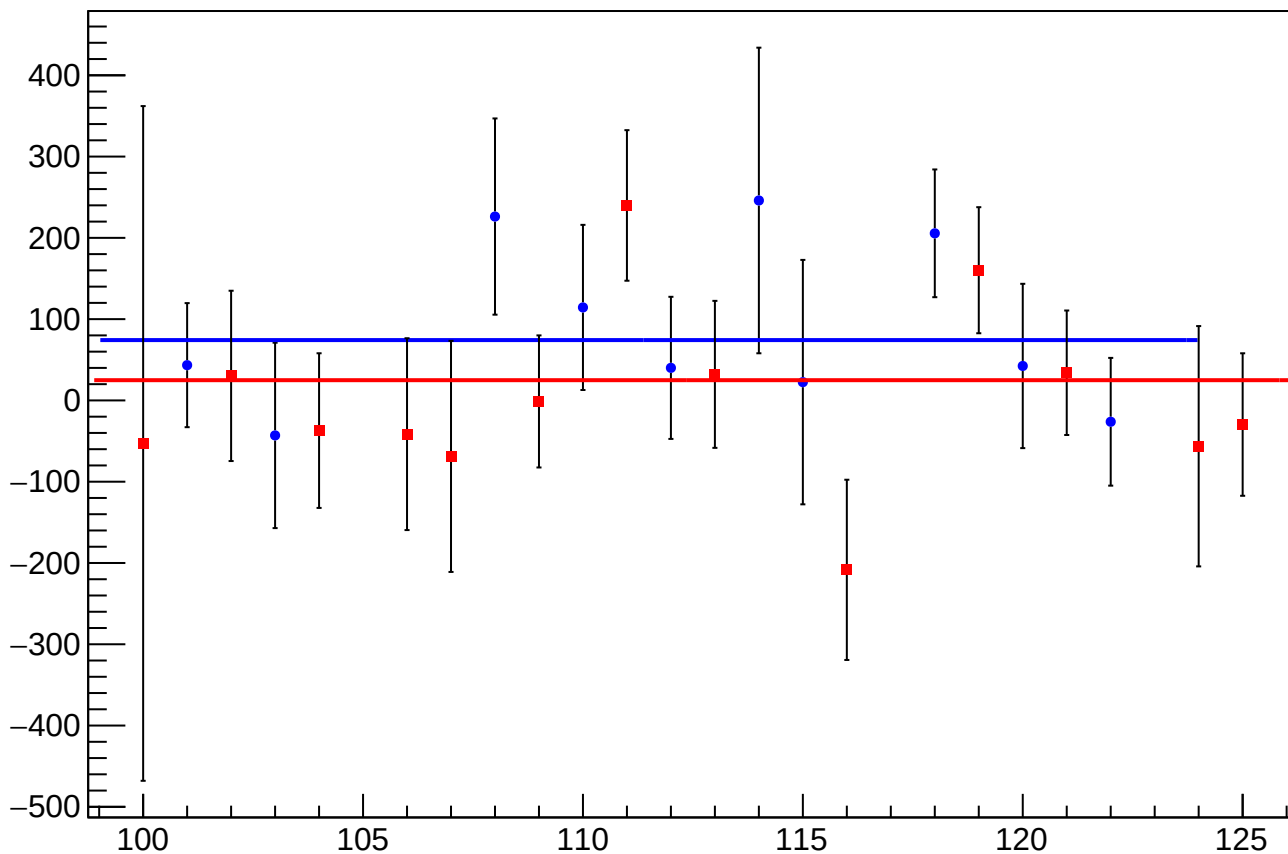
Right: 0.000+/-0.000 χ^2/NDF : 1190049.8/22

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 : 1190049.8/22

reg_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 74.227 $\pm$ 31.020 χ^2 /NDF: 8.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 24.897 $\pm$ 27.595 χ^2 /NDF: 14.9/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

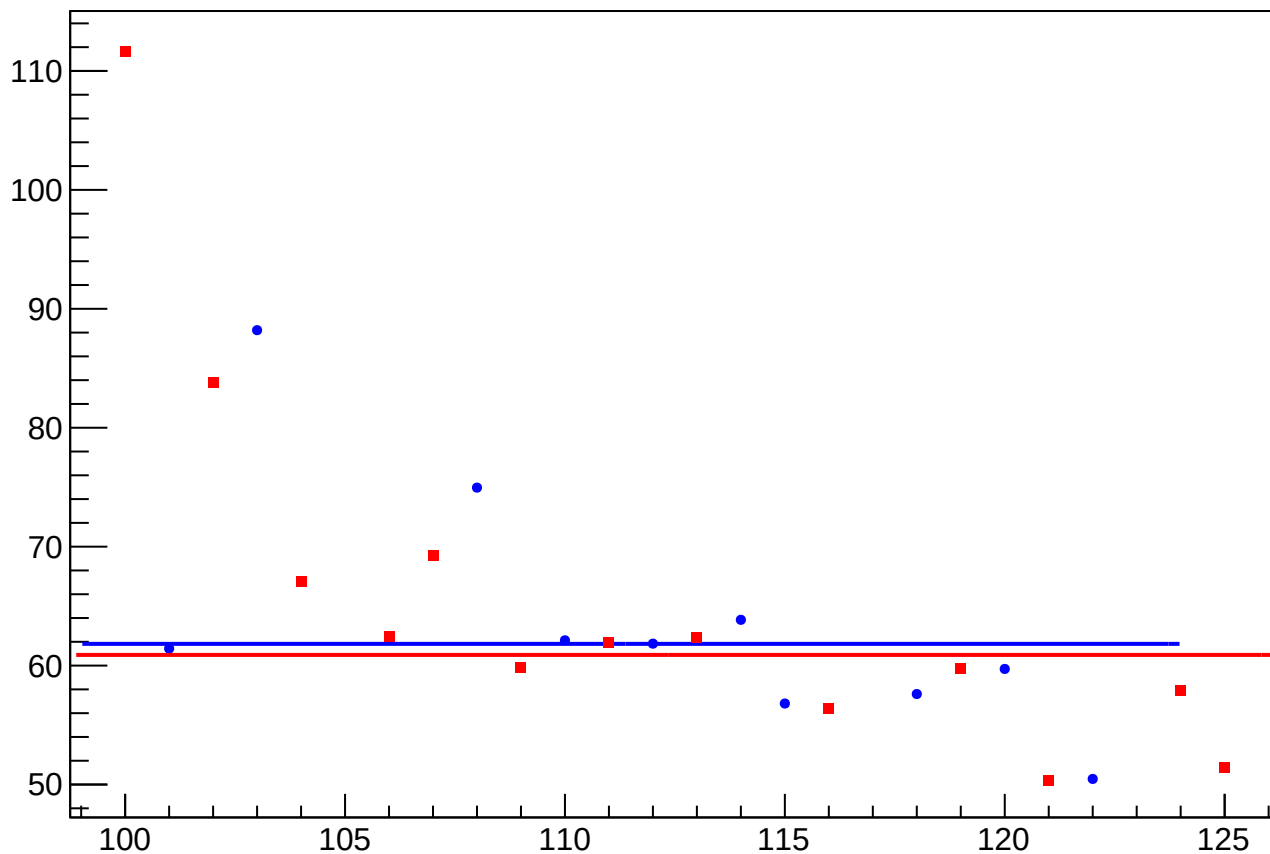
Right: 46.689 $\pm$ 20.618 χ^2 /NDF: 24.9/22

In: 74.227 $\pm$ 31.020 χ^2 /NDF:8.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 46.689 $\pm$ 20.618 χ^2 /NDF: 24.9/22

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: 60.898+/-0.020 χ^2/NDF : 208177.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

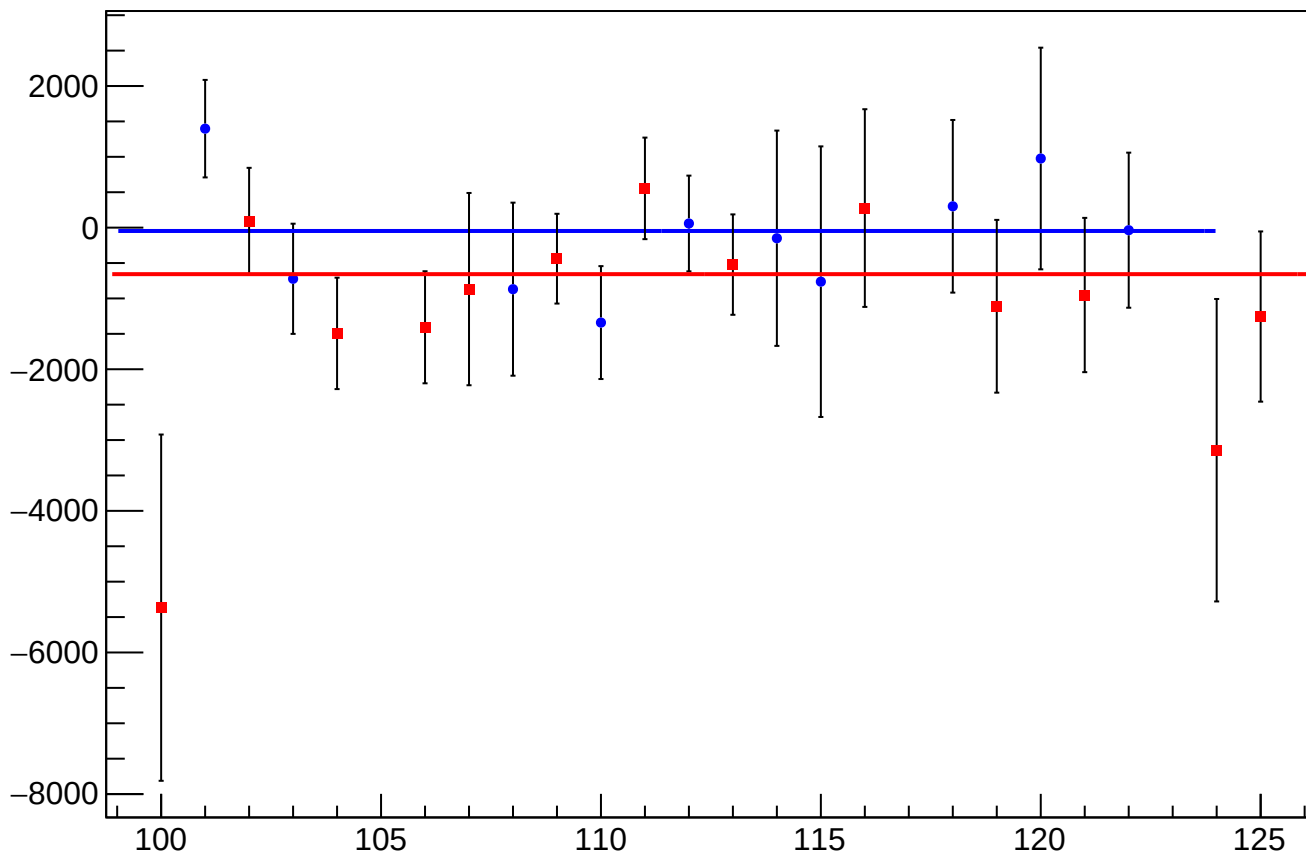
Right: 61.309+/-0.015 χ^2/NDF : 390784.7/22

In: 61.828+/-0.022 χ^2/NDF : 181604.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.309+/-0.015 χ^2/NDF : 390784.7/22

asym_sam_15_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -47.287 ± 304.075 $\chi^2/\text{NDF}: 8.9/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -657.016 ± 257.810 $\chi^2/\text{NDF}: 12.0/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

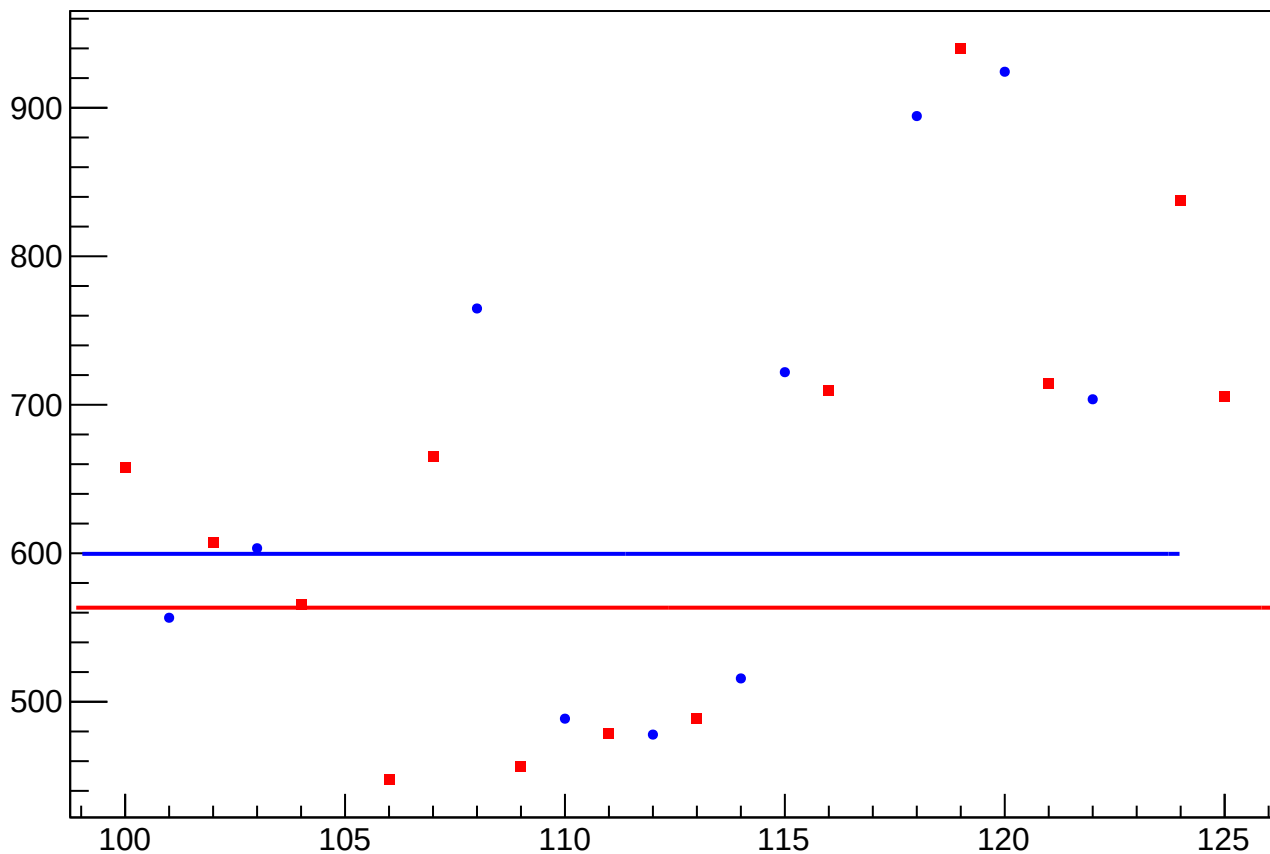
Right: -402.018 ± 196.644 $\chi^2/\text{NDF}: 23.3/22$

In: -47.287 ± 304.075 $\chi^2/\text{NDF}: 8.9/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -402.018 ± 196.644 $\chi^2/\text{NDF}: 23.3/22$

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: 563.368+/-0.182 χ^2/NDF : 482406.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

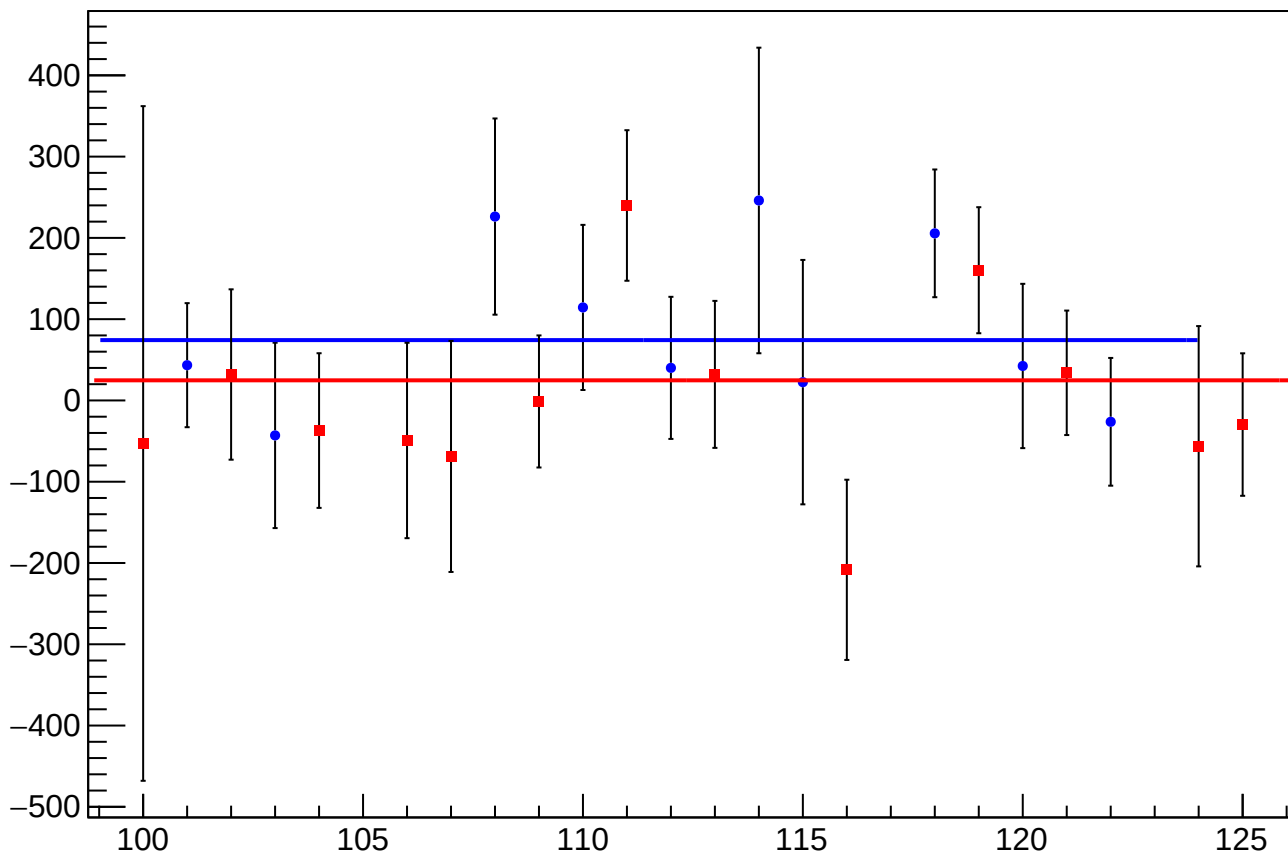
Right: 578.527+/-0.139 χ^2/NDF : 882379.2/22

In: 599.613+/-0.215 χ^2/NDF : 383440.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 578.527+/-0.139 χ^2/NDF : 882379.2/22

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: 24.748+/-27.624 χ^2/NDF : 15.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

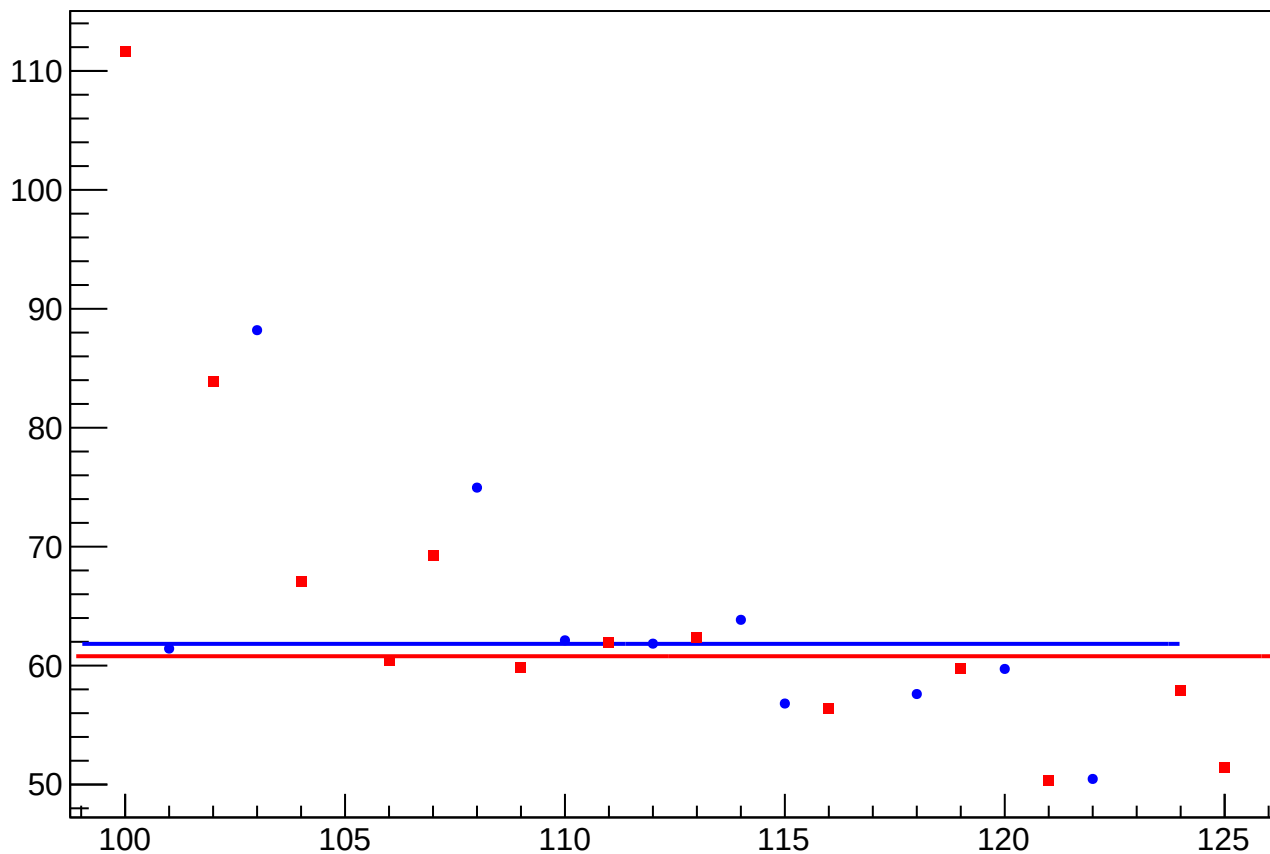
Right: 46.636+/-20.630 χ^2/NDF : 25.0/22

In: 74.238+/-31.020 χ^2/NDF : 8.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.636+/-20.630 χ^2/NDF : 25.0/22

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: 60.788+/-0.020 χ^2/NDF : 208047.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

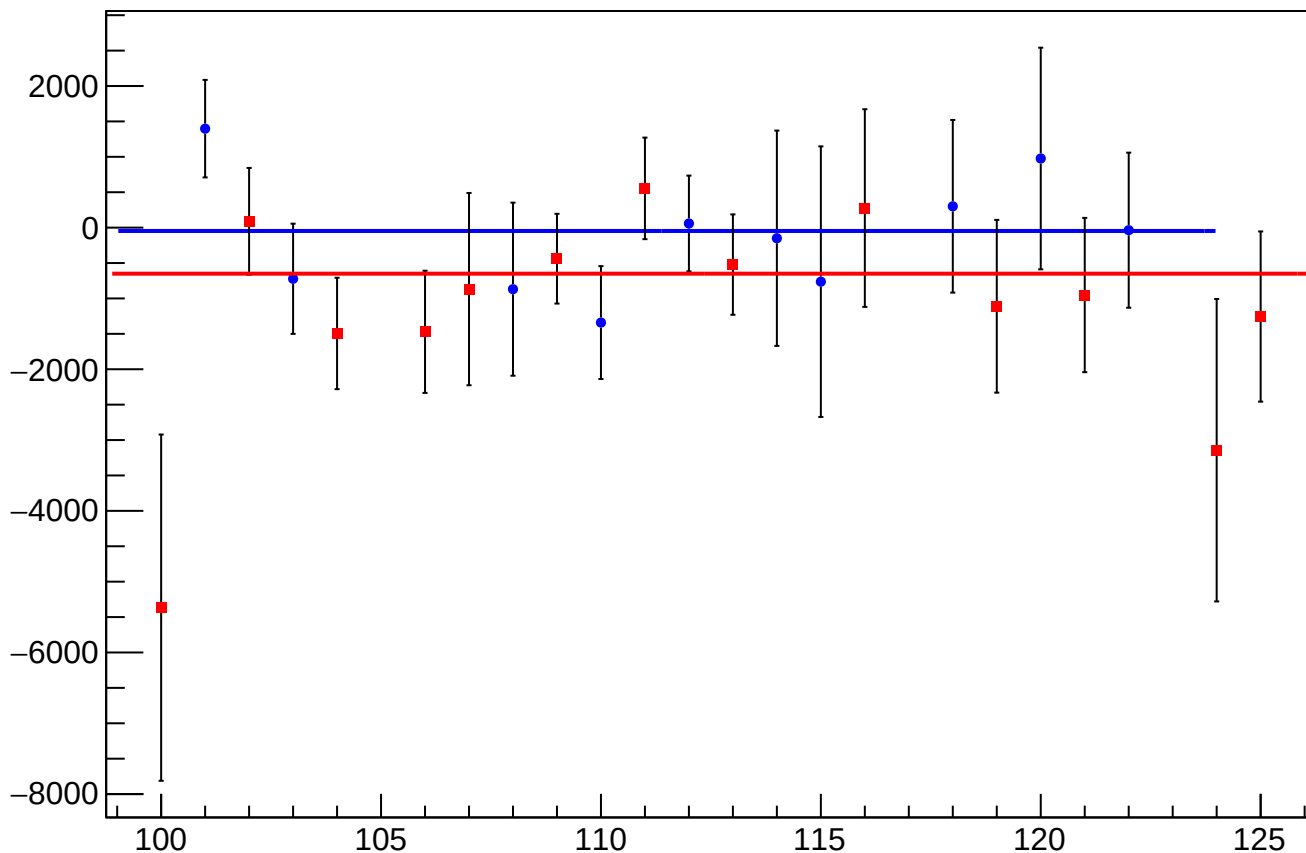
Right: 61.248+/-0.015 χ^2/NDF : 390907.9/22

In: 61.828+/-0.022 χ^2/NDF : 181607.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.248+/-0.015 χ^2/NDF : 390907.9/22

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: -650.358+/-260.023 χ^2/NDF : 12.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

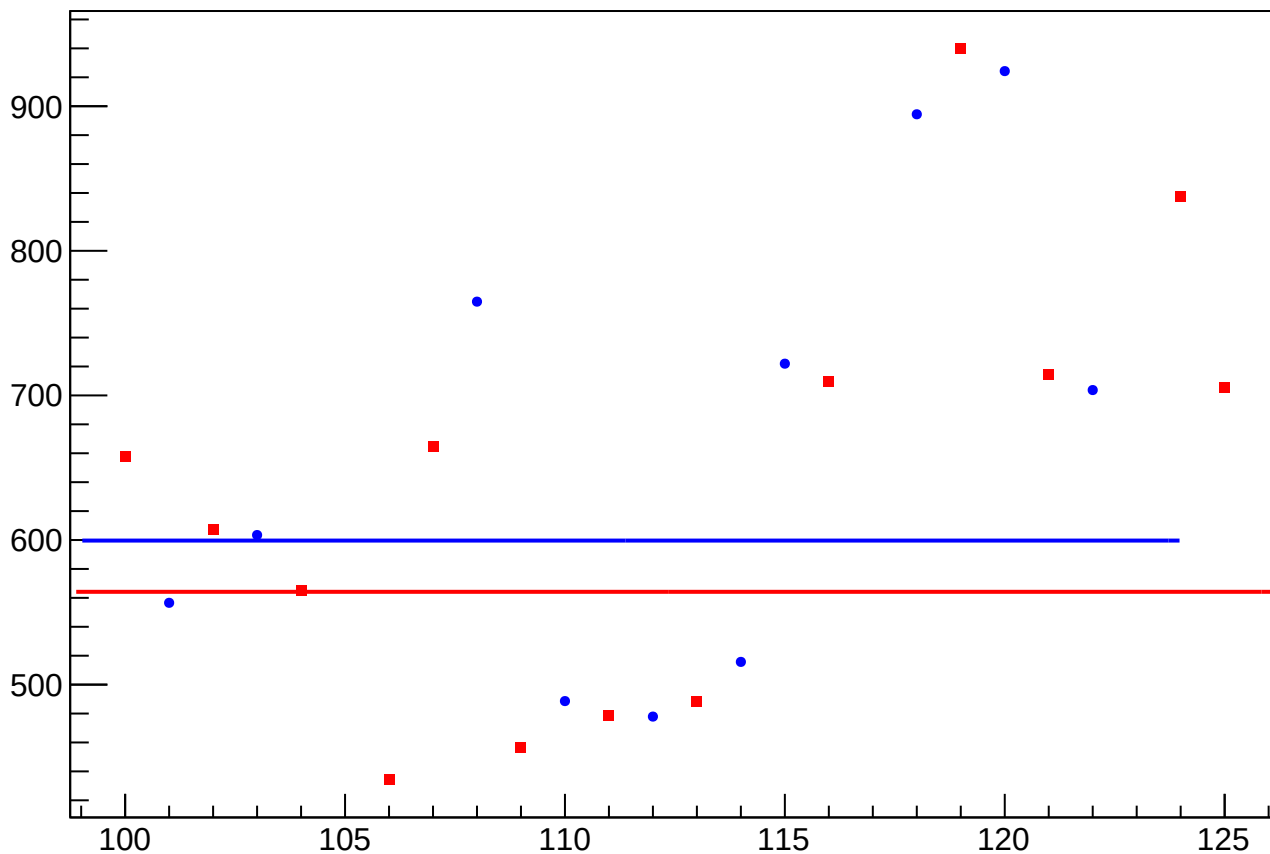
Right: -395.611+/-197.622 χ^2/NDF : 23.2/22

In: -47.229+/-304.079 χ^2/NDF :8.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -395.611+/-197.622 χ^2/NDF : 23.2/22

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: 564.183+/-0.184 χ^2/NDF : 484363.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

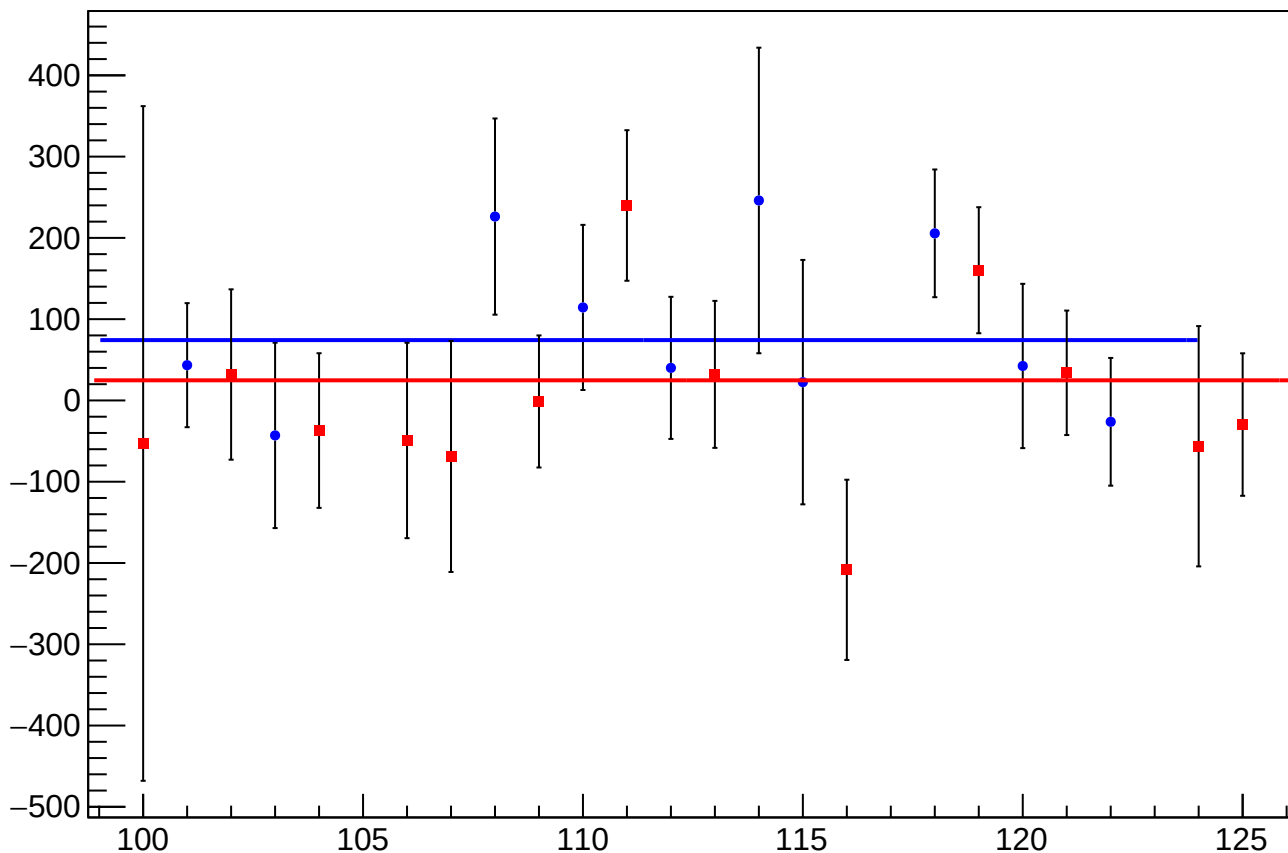
Right: 579.151+/-0.140 χ^2/NDF : 883495.7/22

In: 599.620+/-0.215 χ^2/NDF : 383441.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 579.151+/-0.140 χ^2/NDF : 883495.7/22

eigen_cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 74.238 $\pm$ 31.020 χ^2 /NDF: 8.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 24.748 $\pm$ 27.624 χ^2 /NDF: 15.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

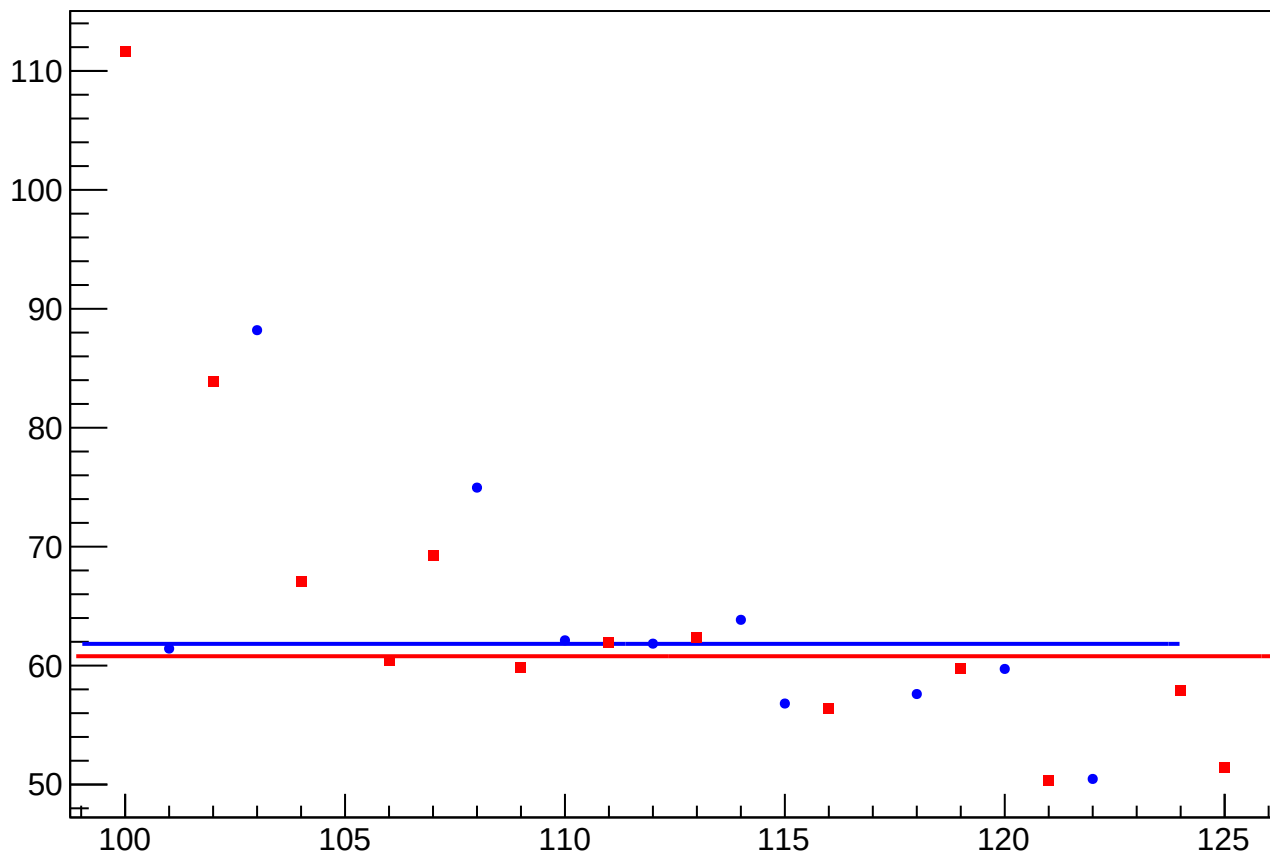
Right: 46.636 $\pm$ 20.630 χ^2 /NDF: 25.0/22

In: 74.238 $\pm$ 31.020 χ^2 /NDF:8.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 46.636 $\pm$ 20.630 χ^2 /NDF: 25.0/22

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: 60.788+/-0.020 χ^2/NDF : 208047.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

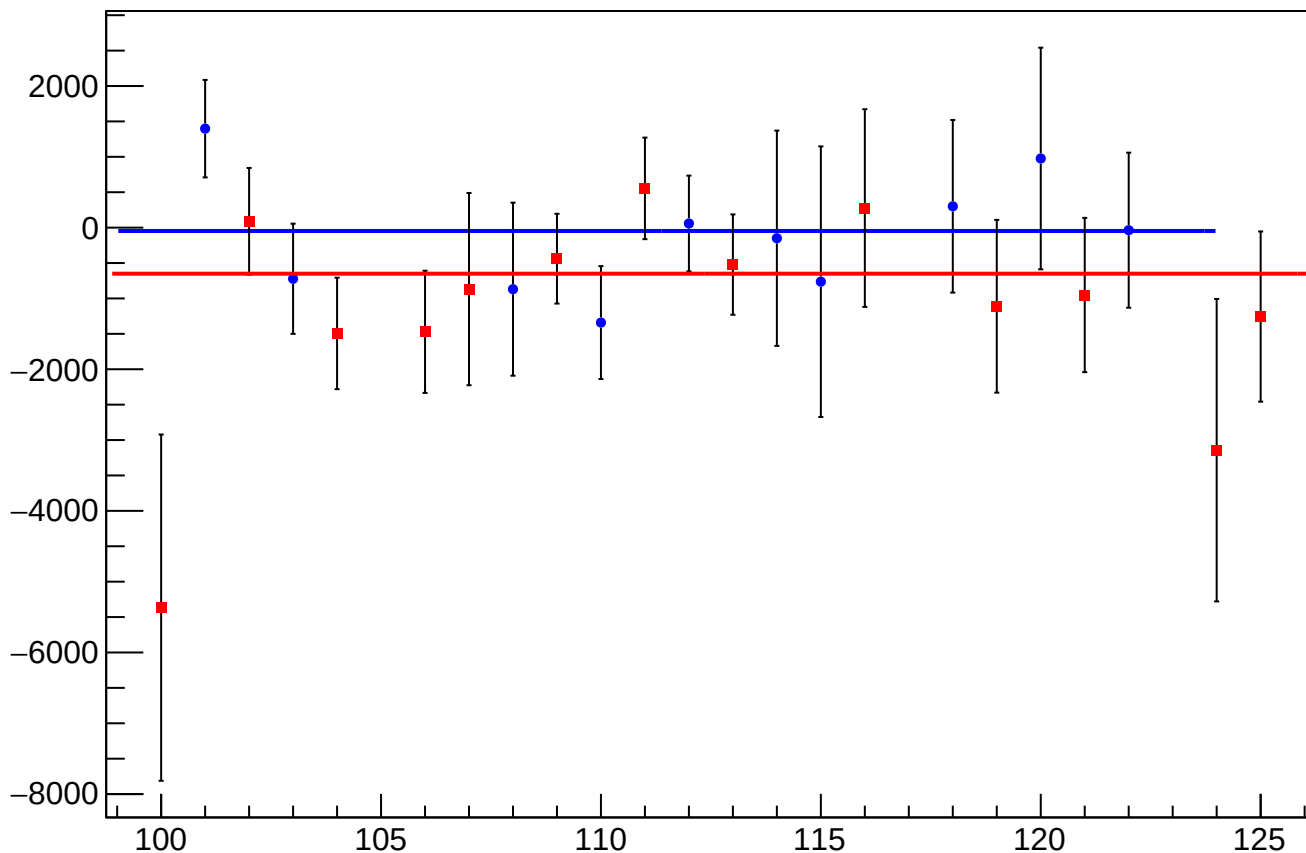
Right: 61.248+/-0.015 χ^2/NDF : 390907.9/22

In: 61.828+/-0.022 χ^2/NDF : 181607.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.248+/-0.015 χ^2/NDF : 390907.9/22

asym_sam_15_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -47.229 ± 304.079 $\chi^2/\text{NDF}: 8.9/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -650.358 ± 260.023 $\chi^2/\text{NDF}: 12.0/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

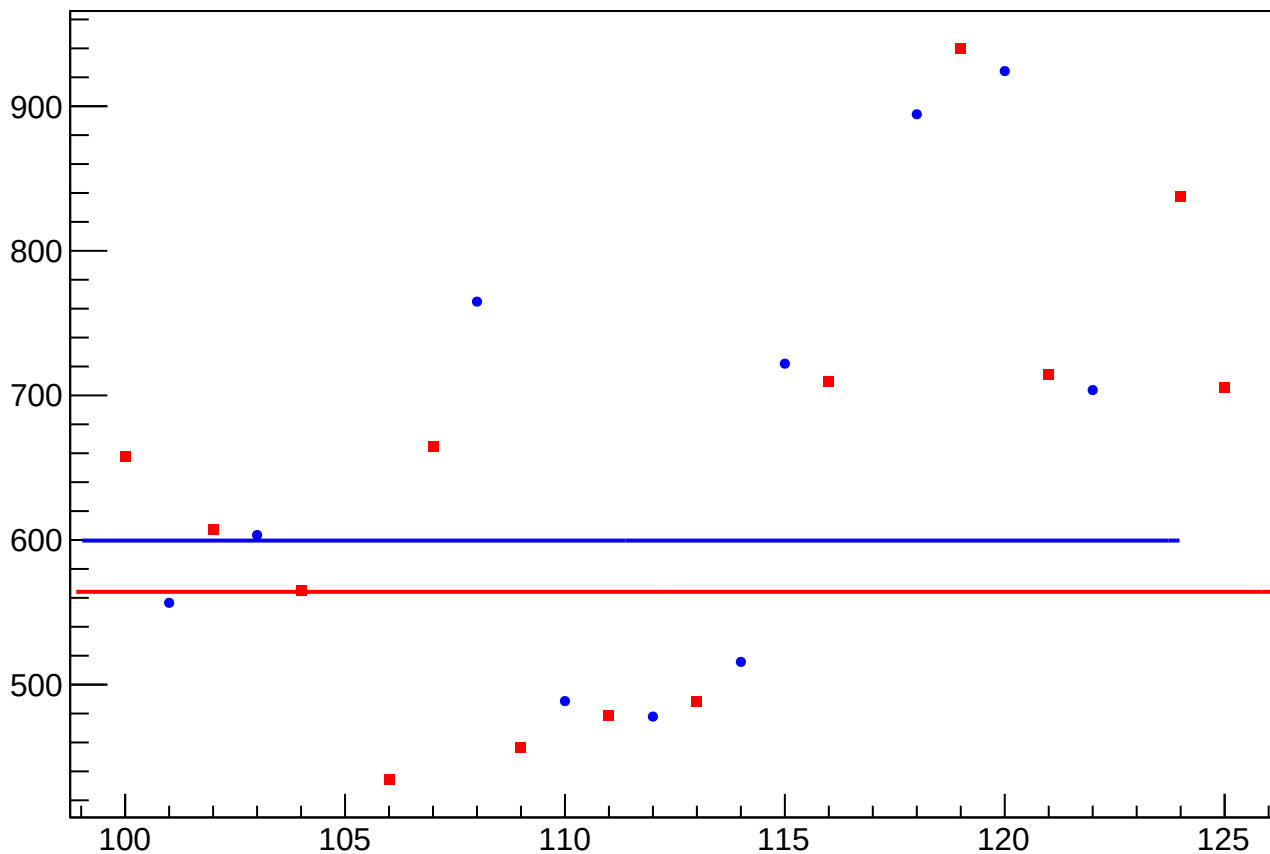
Right: -395.611 ± 197.622 $\chi^2/\text{NDF}: 23.2/22$

In: -47.229 ± 304.079 $\chi^2/\text{NDF}: 8.9/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -395.611 ± 197.622 $\chi^2/\text{NDF}: 23.2/22$

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: 564.183+/-0.184 χ^2/NDF : 484363.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

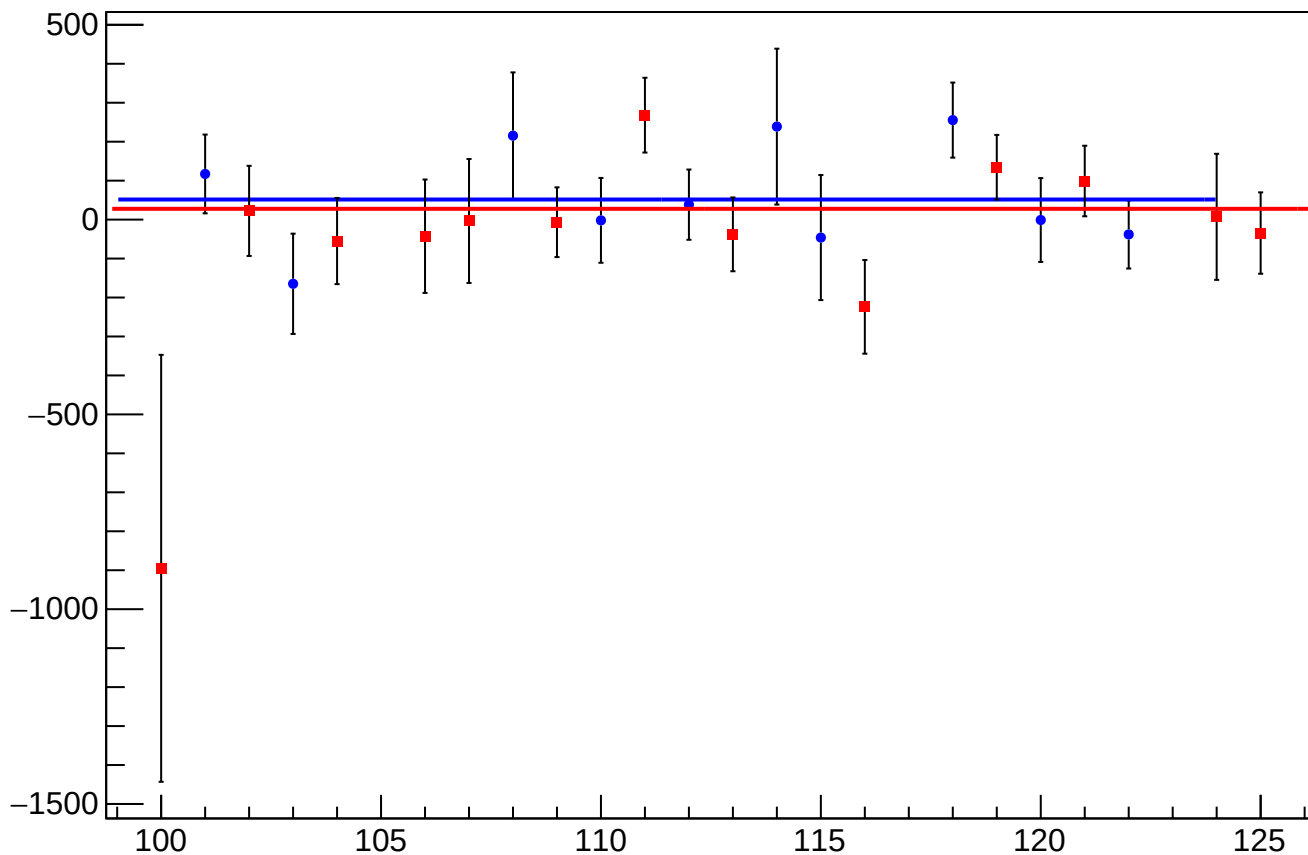
Right: 579.151+/-0.140 χ^2/NDF : 883495.7/22

In: 599.620+/-0.215 χ^2/NDF : 383441.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 579.151+/-0.140 χ^2/NDF : 883495.7/22

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 51.587 $\pm$ 35.527 χ^2 /NDF: 11.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 27.673 $\pm$ 30.752 χ^2 /NDF: 17.6/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

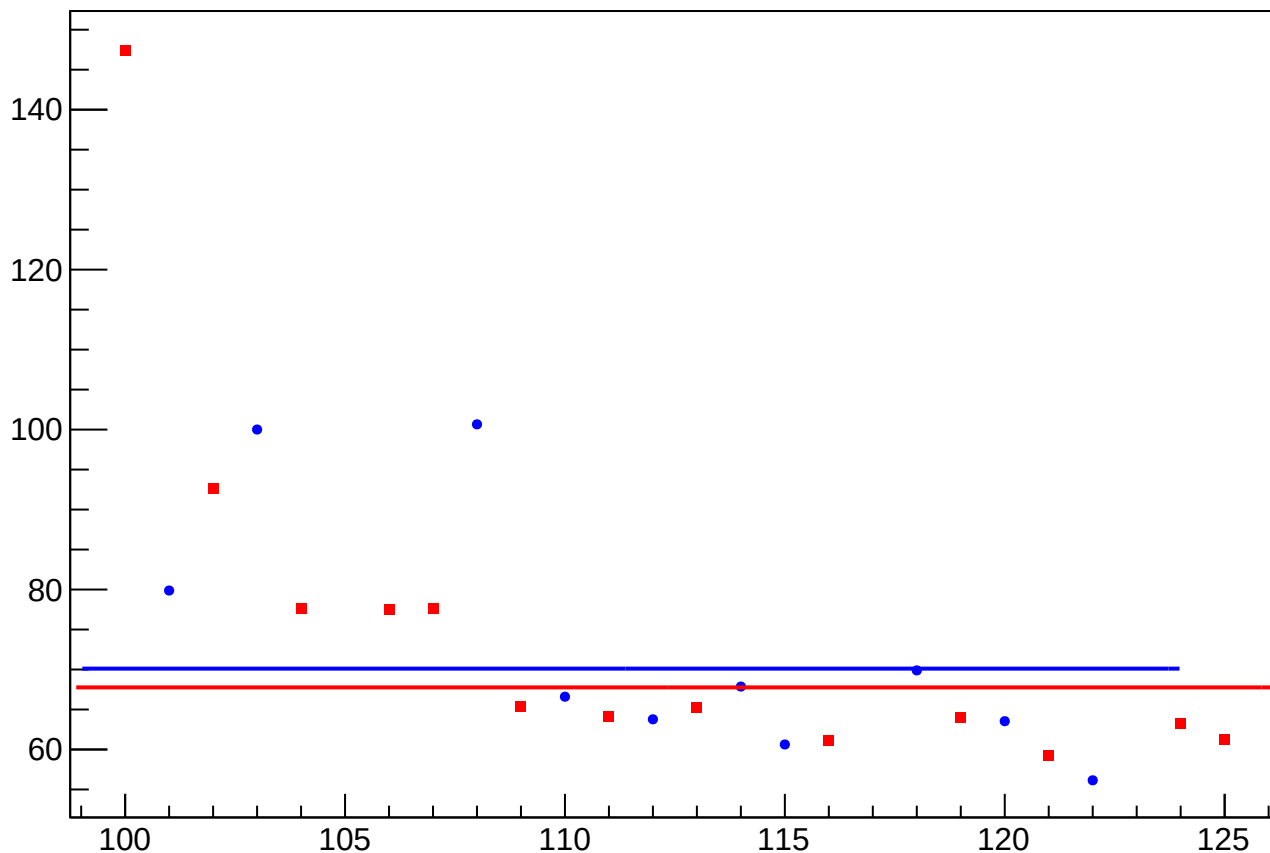
Right: 37.916 $\pm$ 23.251 χ^2 /NDF: 29.4/22

In: 51.587 $\pm$ 35.527 χ^2 /NDF:11.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 37.916 $\pm$ 23.251 χ^2 /NDF: 29.4/22

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: 67.765 $\pm$ 0.022 χ^2 /NDF: 210417.9/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

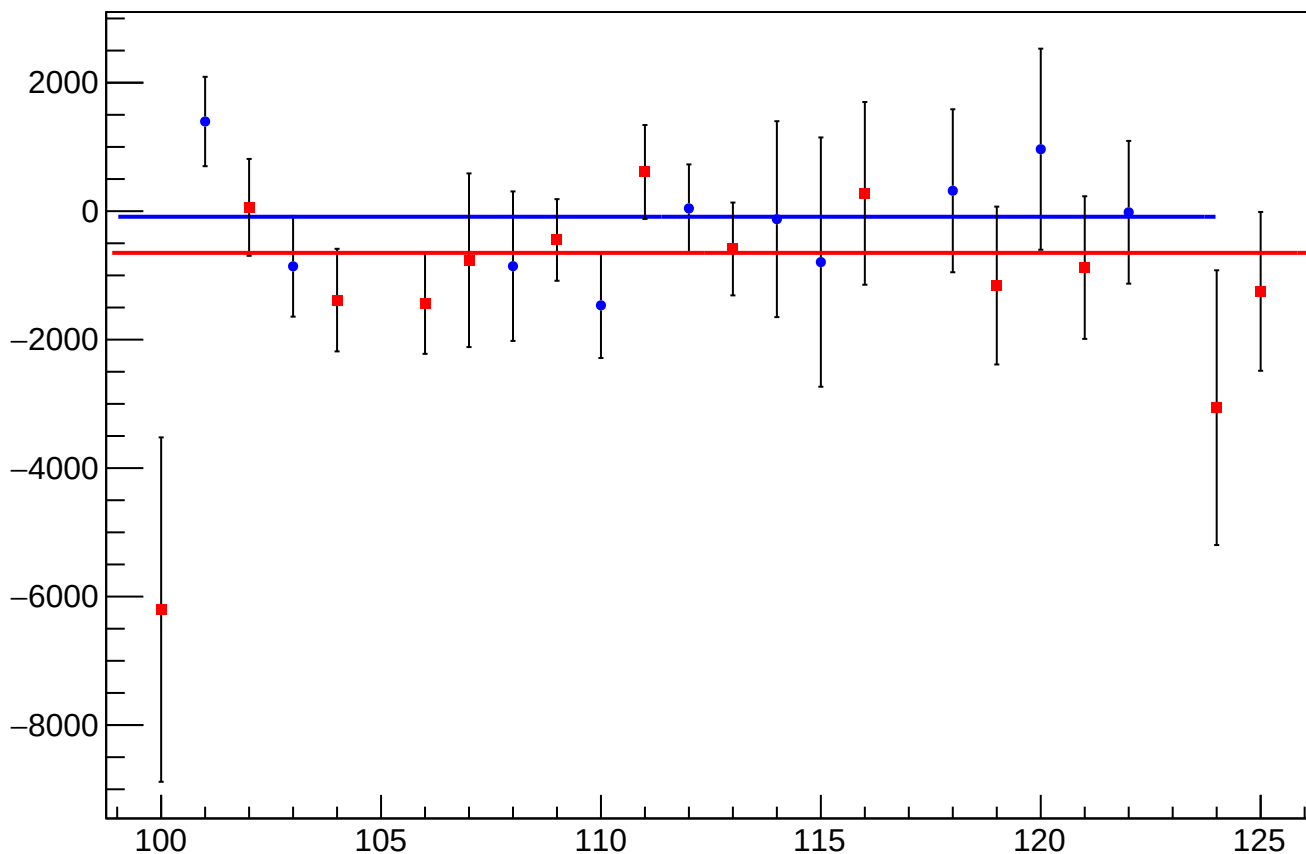
Right: 68.770 $\pm$ 0.016 χ^2 /NDF: 490394.9/22

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: 68.770 $\pm$ 0.016 χ^2 /NDF: 490394.9/22

asym_sam_15_48_dd_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: -649.152+/-260.664 χ^2/NDF : 12.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

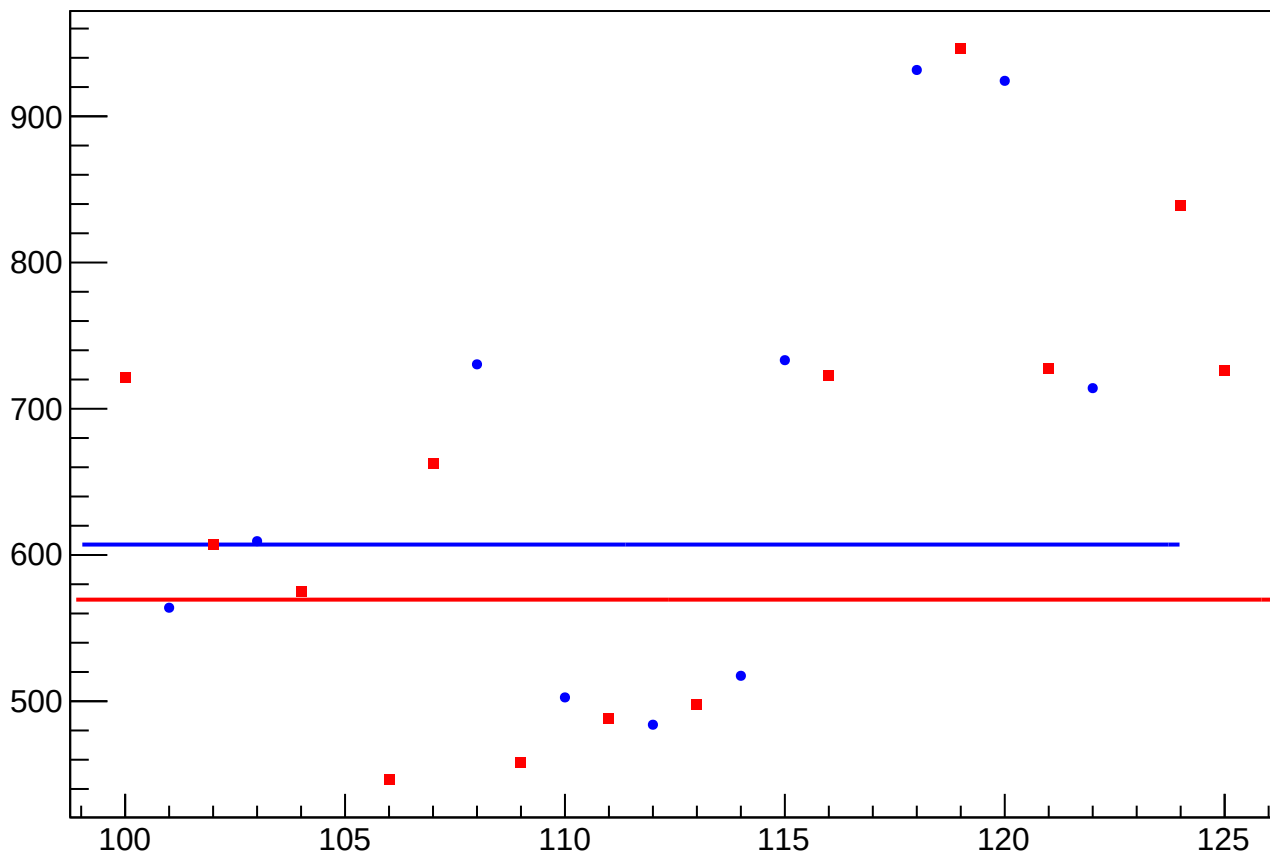
Right: -413.966+/-198.797 χ^2/NDF : 23.7/22

In: -86.984+/-307.353 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -413.966+/-198.797 χ^2/NDF : 23.7/22

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: 569.475+/-0.184 χ^2/NDF : 491180.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

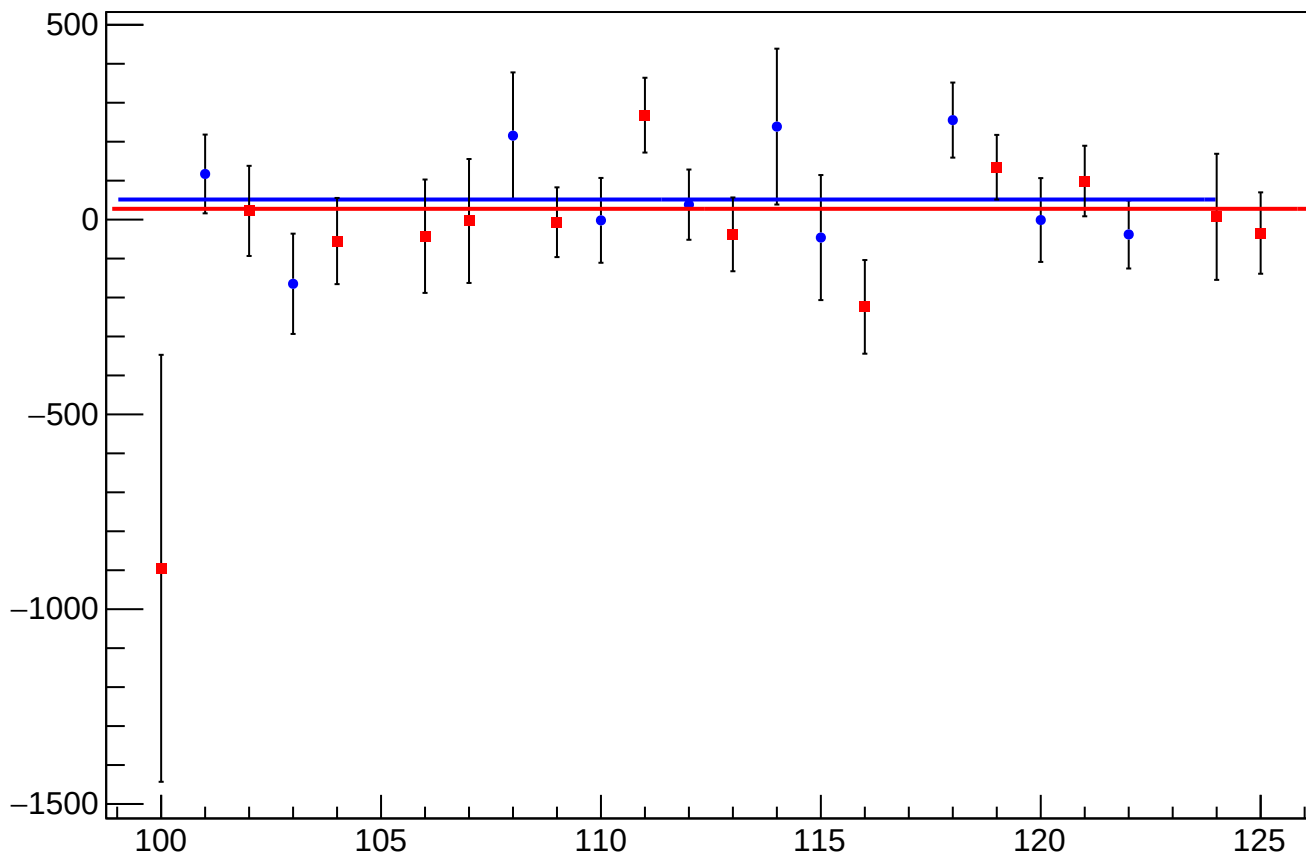
Right: 585.232+/-0.141 χ^2/NDF : 882976.9/22

In: 607.140+/-0.217 χ^2/NDF : 374326.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 585.232+/-0.141 χ^2/NDF : 882976.9/22

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: 27.674+/-30.752 χ^2/NDF : 17.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

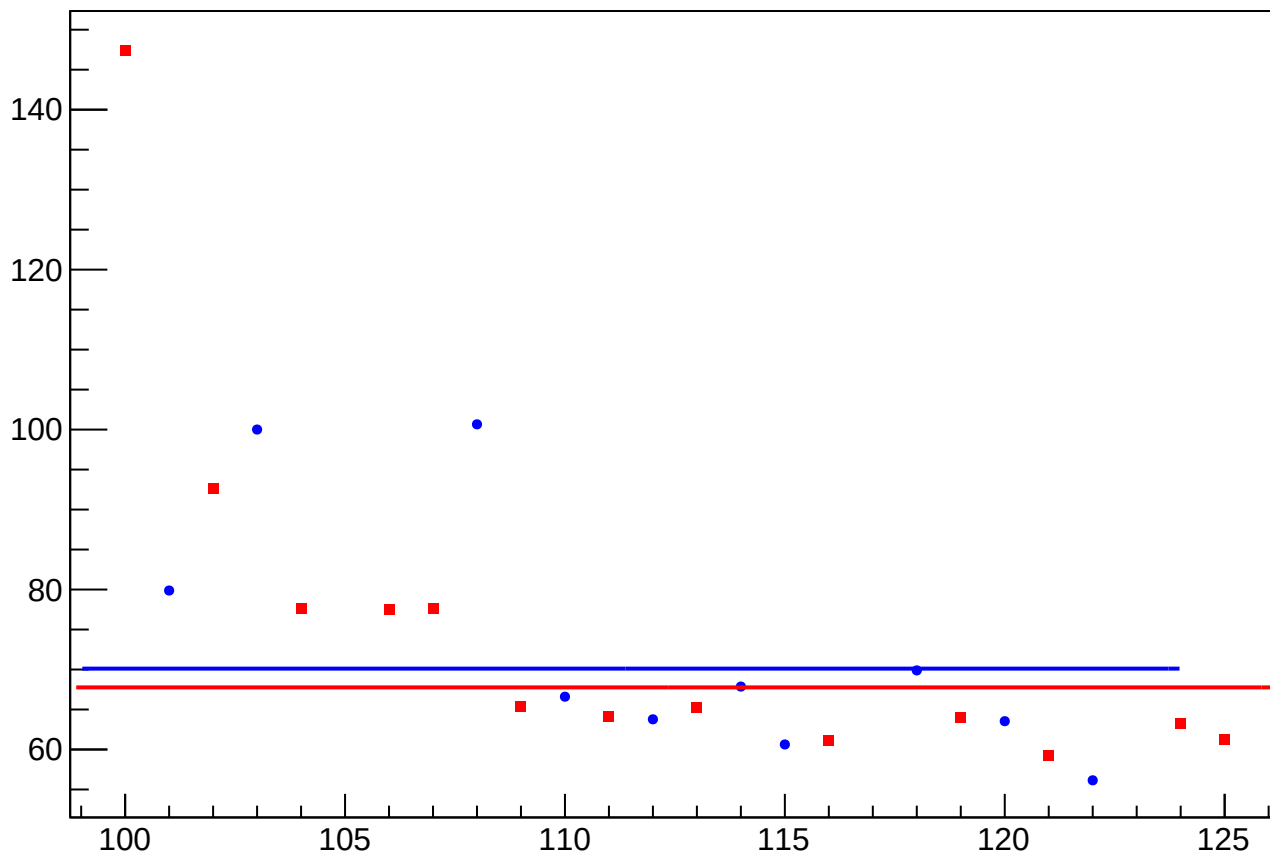
Right: 37.916+/-23.251 χ^2/NDF : 29.4/22

In: 51.587+/-35.527 χ^2/NDF : 11.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.916+/-23.251 χ^2/NDF : 29.4/22

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: 67.765+/-0.022 χ^2/NDF : 210421.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

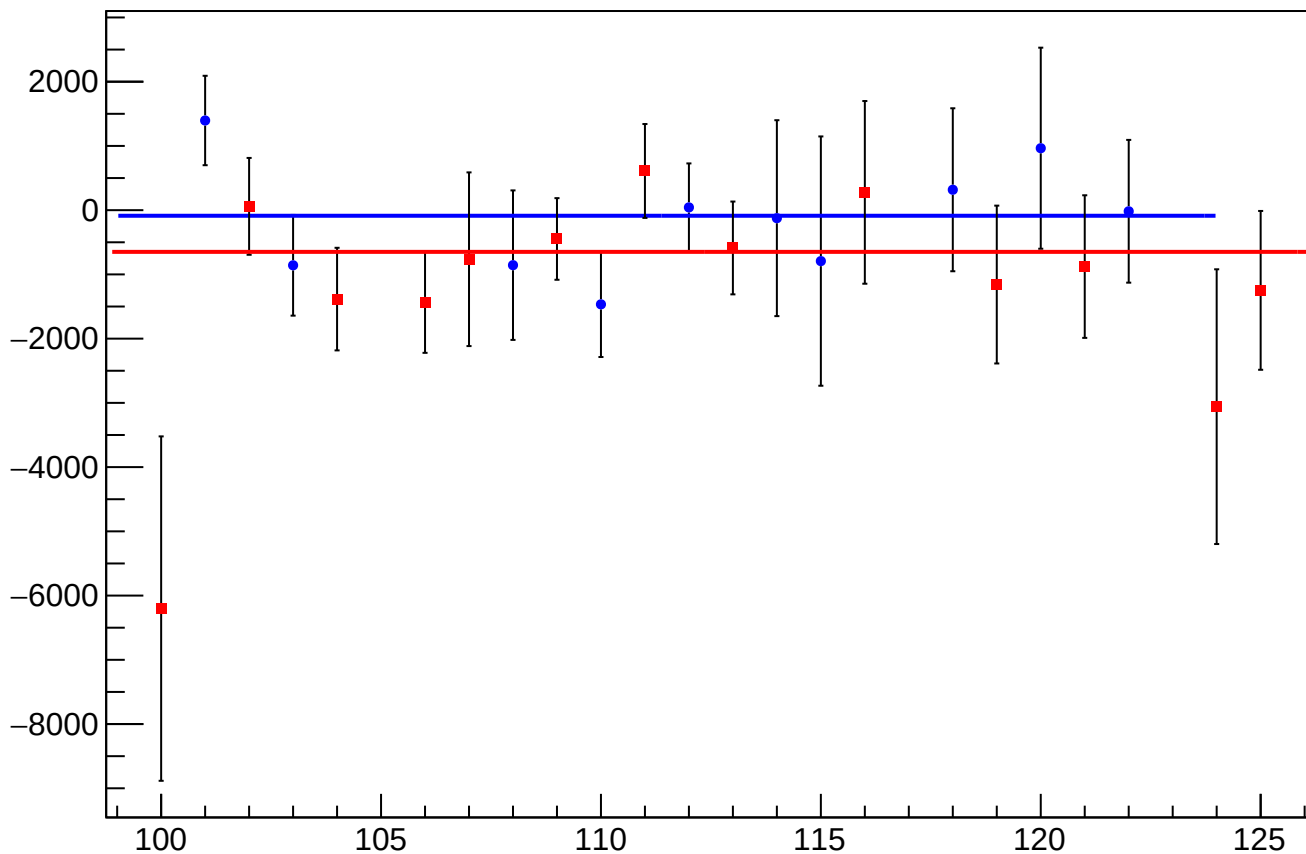
Right: 68.770+/-0.016 χ^2/NDF : 490402.8/22

In: 70.112+/-0.025 χ^2/NDF : 274990.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.770+/-0.016 χ^2/NDF : 490402.8/22

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: -649.151+/-260.664 χ^2/NDF : 12.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

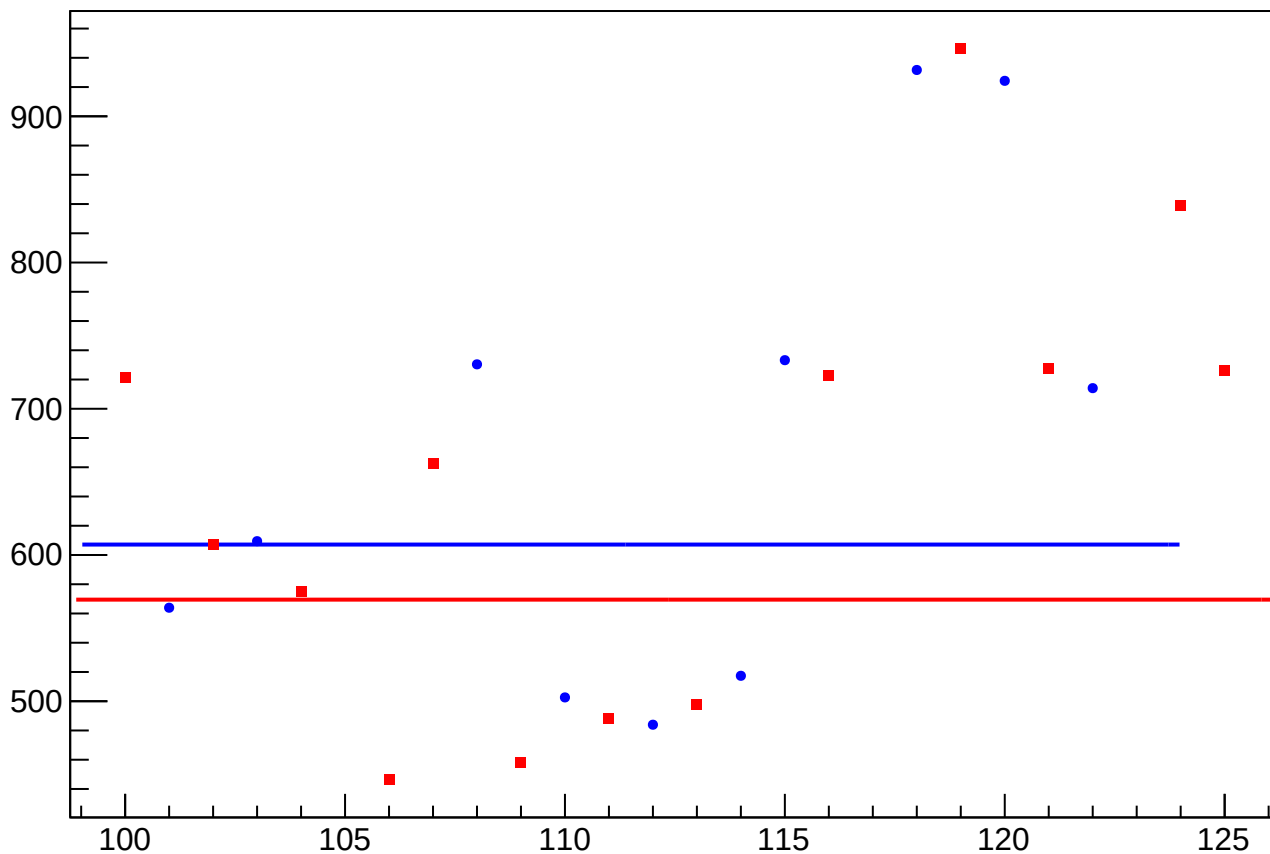
Right: -413.965+/-198.797 χ^2/NDF : 23.7/22

In: -86.984+/-307.353 χ^2/NDF :9.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -413.965+/-198.797 χ^2/NDF : 23.7/22

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: 569.474+/-0.184 χ^2/NDF : 491182.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

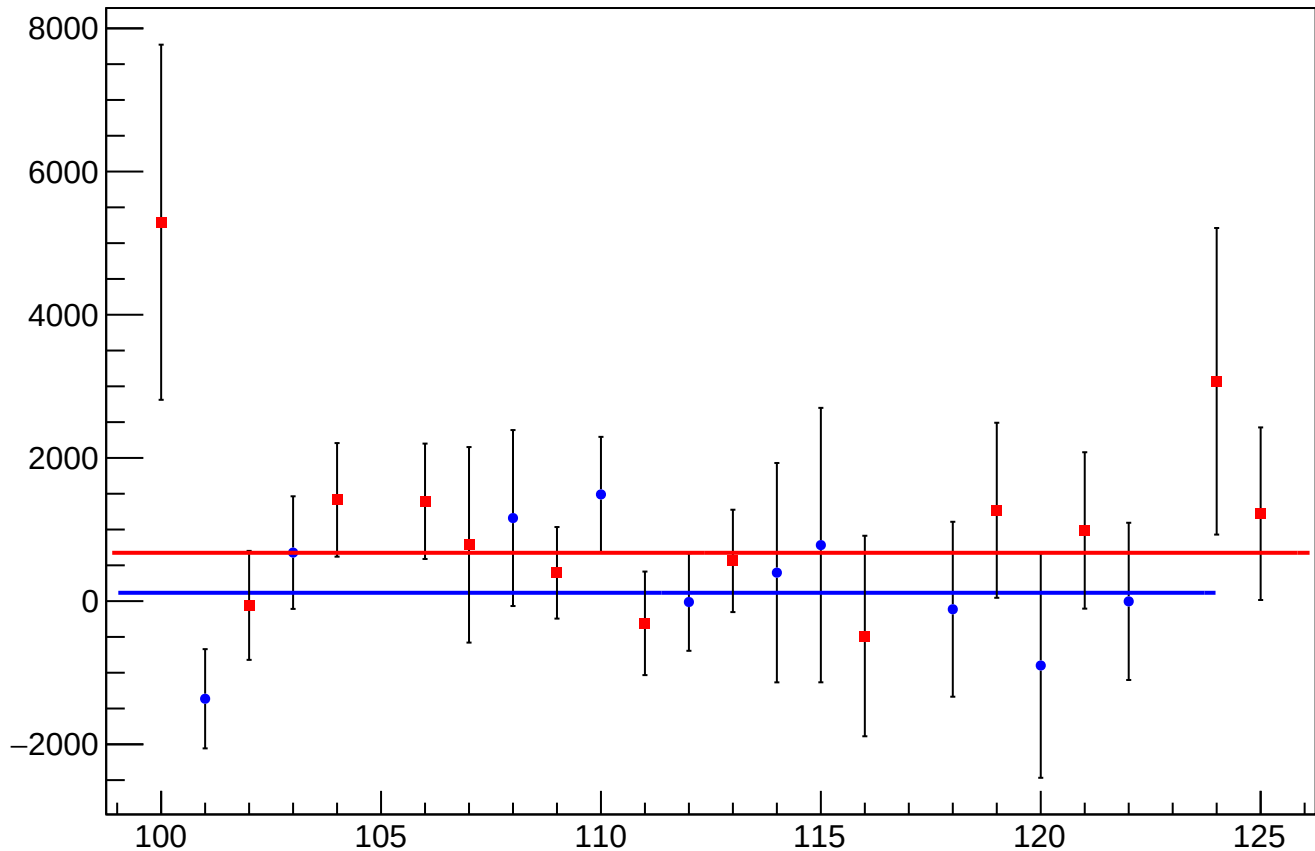
Right: 585.232+/-0.141 χ^2/NDF : 882980.4/22

In: 607.139+/-0.217 χ^2/NDF : 374328.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 585.232+/-0.141 χ^2/NDF : 882980.4/22

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 116.484 $\pm$ 306.218 χ^2 /NDF: 9.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 675.001 $\pm$ 259.998 χ^2 /NDF: 10.6/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

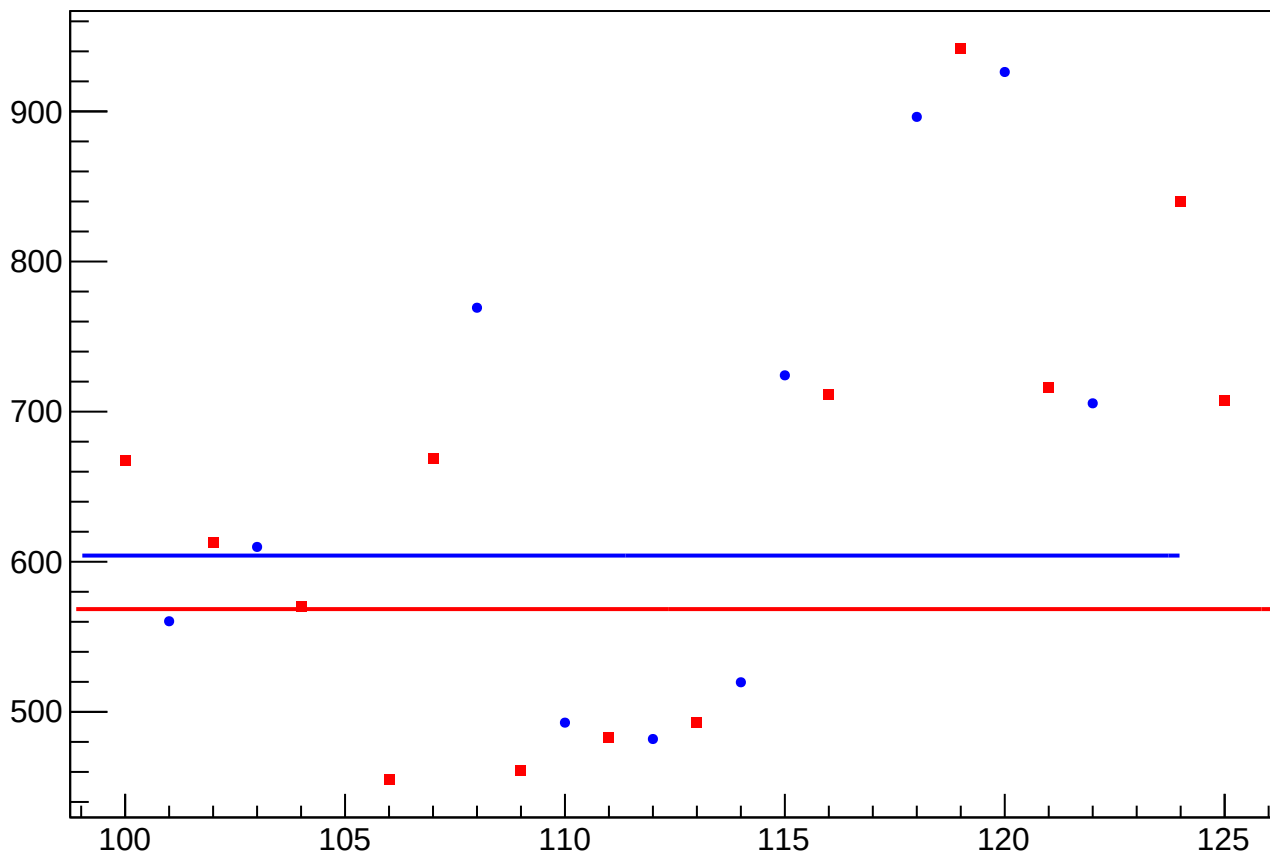
Right: 441.032 $\pm$ 198.195 χ^2 /NDF: 21.9/22

In: 116.484 $\pm$ 306.218 χ^2 /NDF:9.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 441.032 $\pm$ 198.195 χ^2 /NDF: 21.9/22

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: 568.465+/-0.184 χ^2/NDF : 470559.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

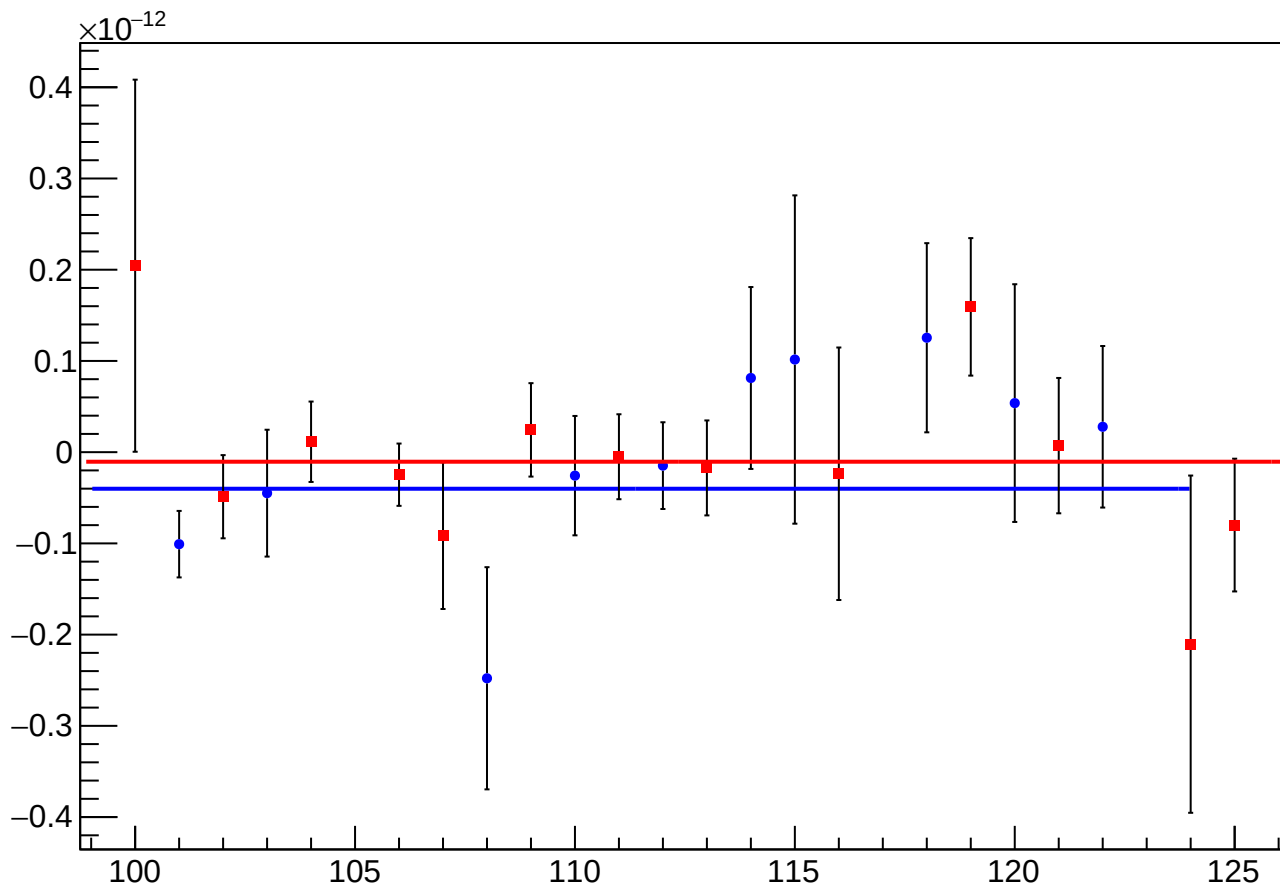
Right: 583.403+/-0.140 χ^2/NDF : 862872.1/22

In: 604.124+/-0.217 χ^2/NDF : 376553.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 583.403+/-0.140 χ^2/NDF : 862872.1/22

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 : 11.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

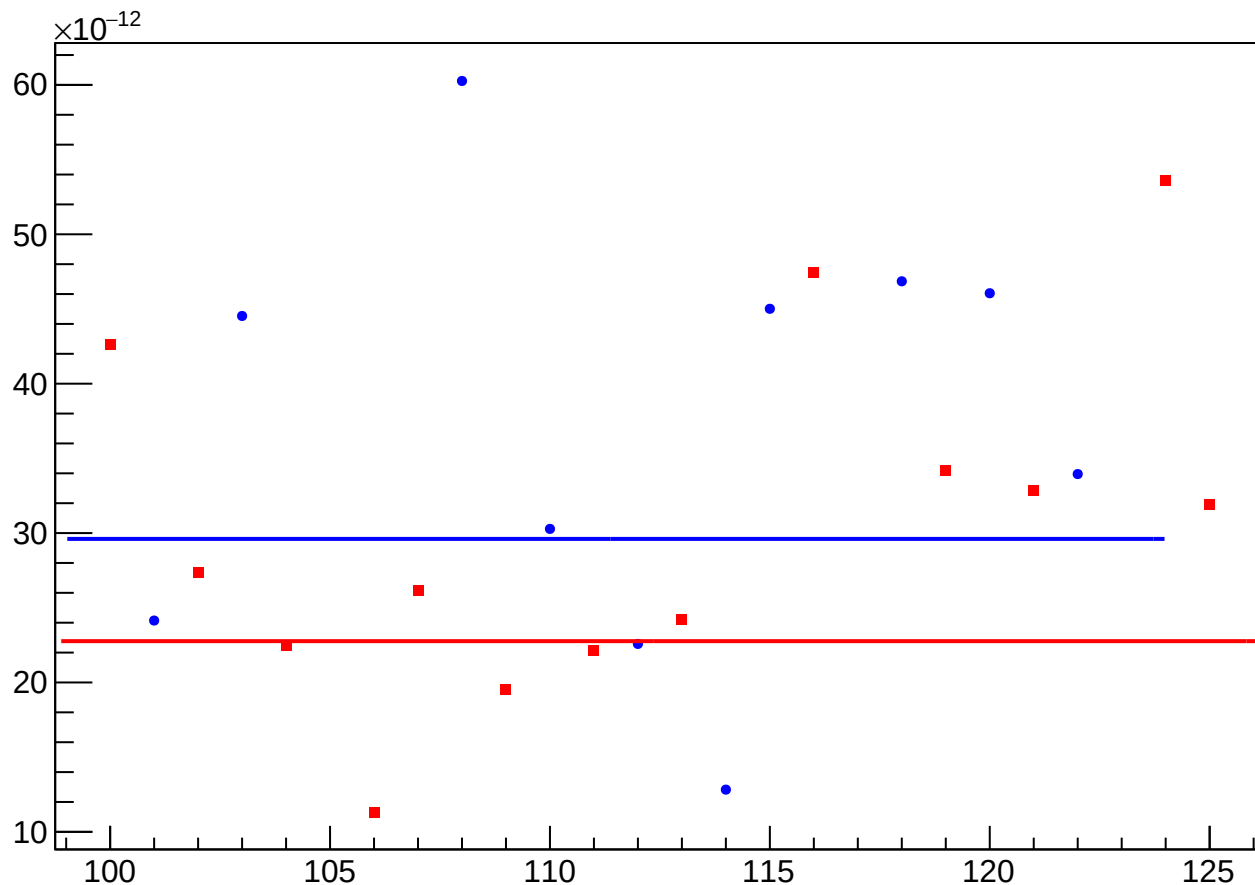
Right: -0.000+/-0.000 χ^2/NDF : 24.0/22

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 : 24.0/22

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 : 512539.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

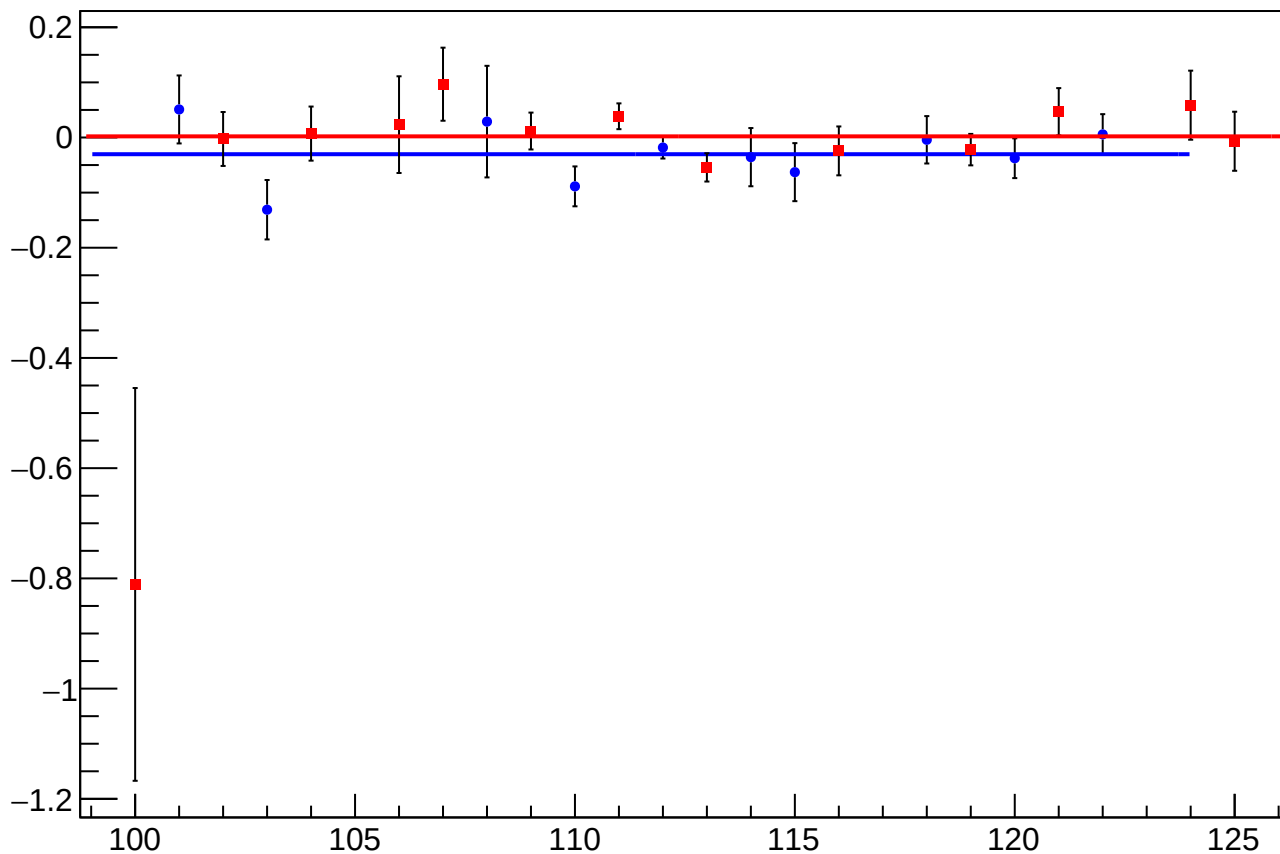
Right: 0.000+/-0.000 χ^2/NDF : 1111764.5/22

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 : 1111764.5/22

asym_sam_15_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030+/-0.012 χ^2/NDF : 10.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.011 χ^2/NDF : 17.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

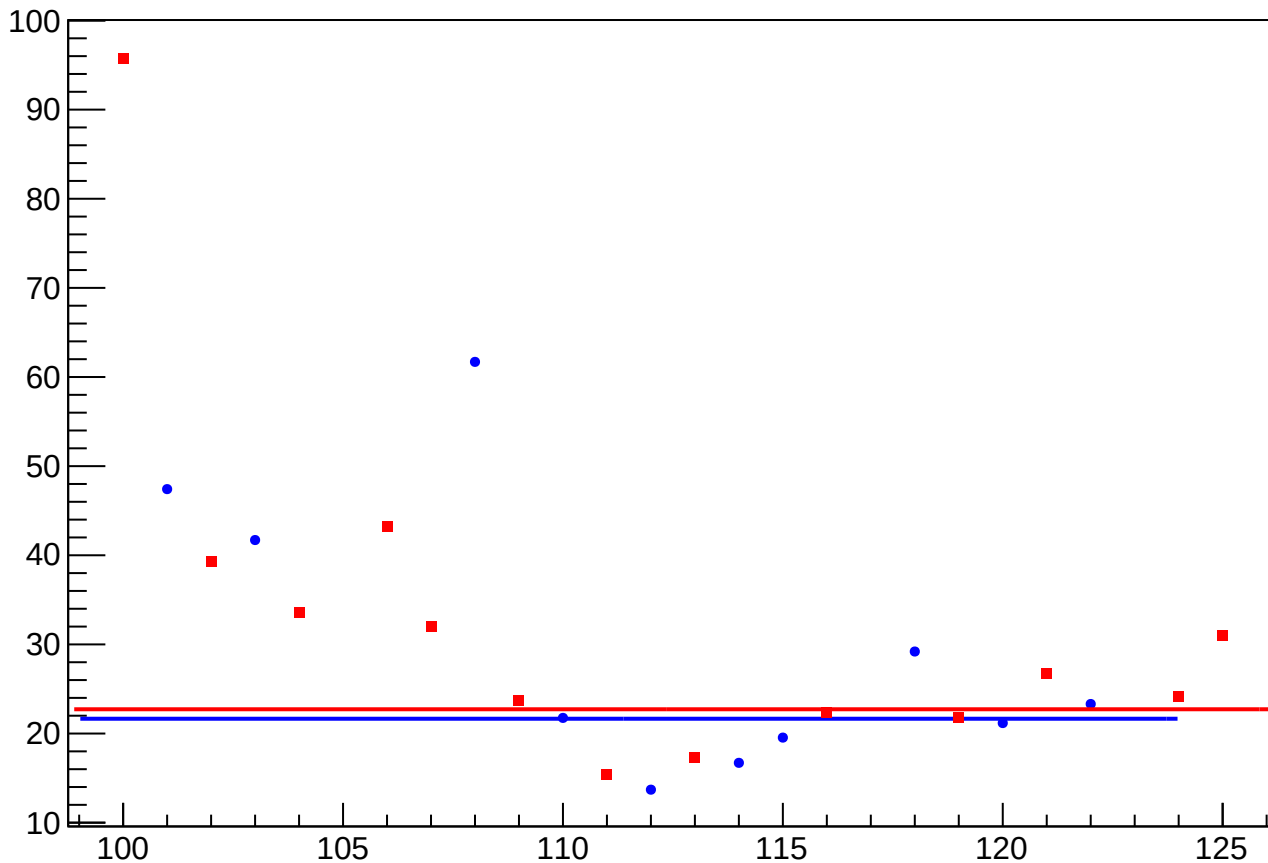
Right: -0.012+/-0.008 χ^2/NDF : 31.9/22

In: -0.030+/-0.012 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.012+/-0.008 χ^2/NDF : 31.9/22

asym_sam_15_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.661 $\pm$ 0.009 χ^2 /NDF: 1344270.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 22.723 $\pm$ 0.008 χ^2 /NDF: 915980.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

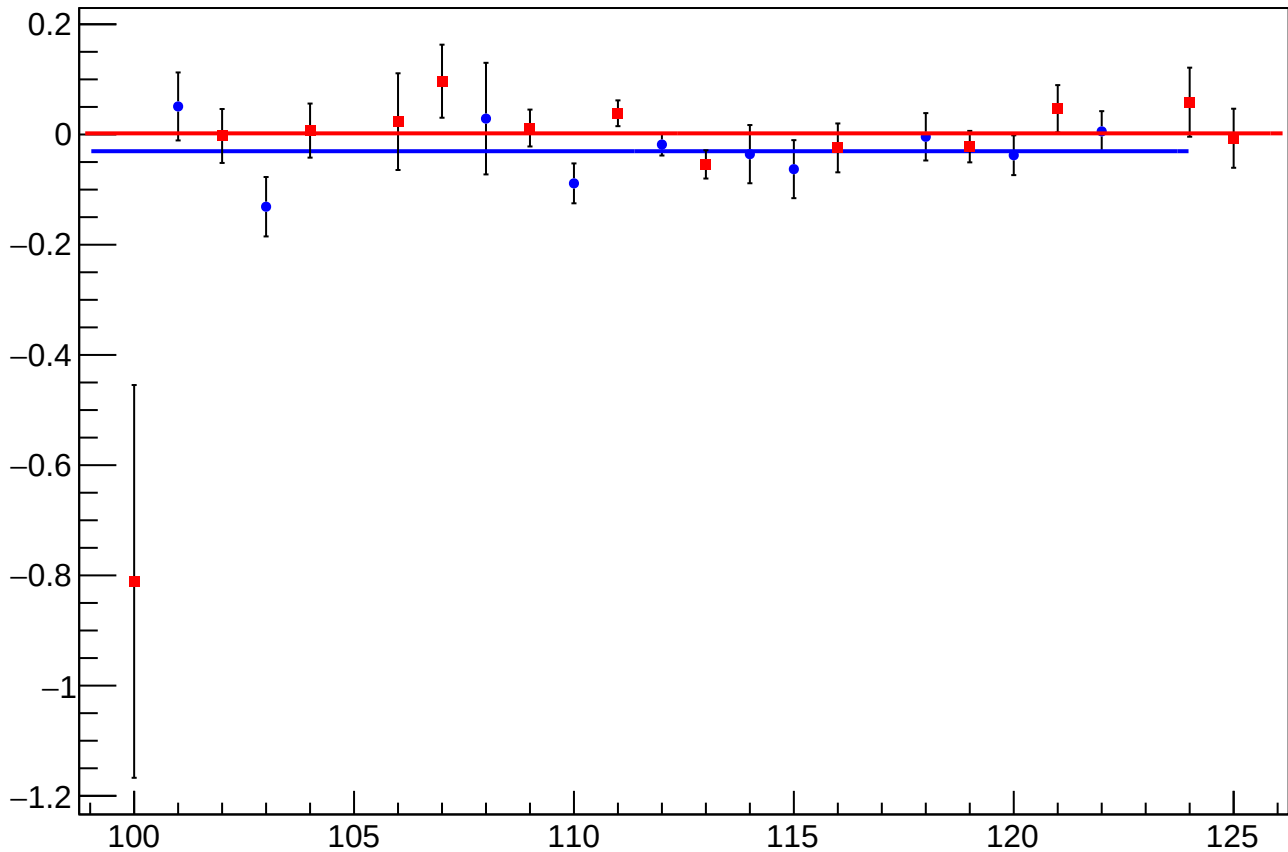
Right: 22.247 $\pm$ 0.006 χ^2 /NDF: 2268672.1/22

In: 21.661 $\pm$ 0.009 χ^2 /NDF:1344270.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 22.247 $\pm$ 0.006 χ^2 /NDF: 2268672.1/22

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030+/-0.012 χ^2/NDF : 10.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.011 χ^2/NDF : 17.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

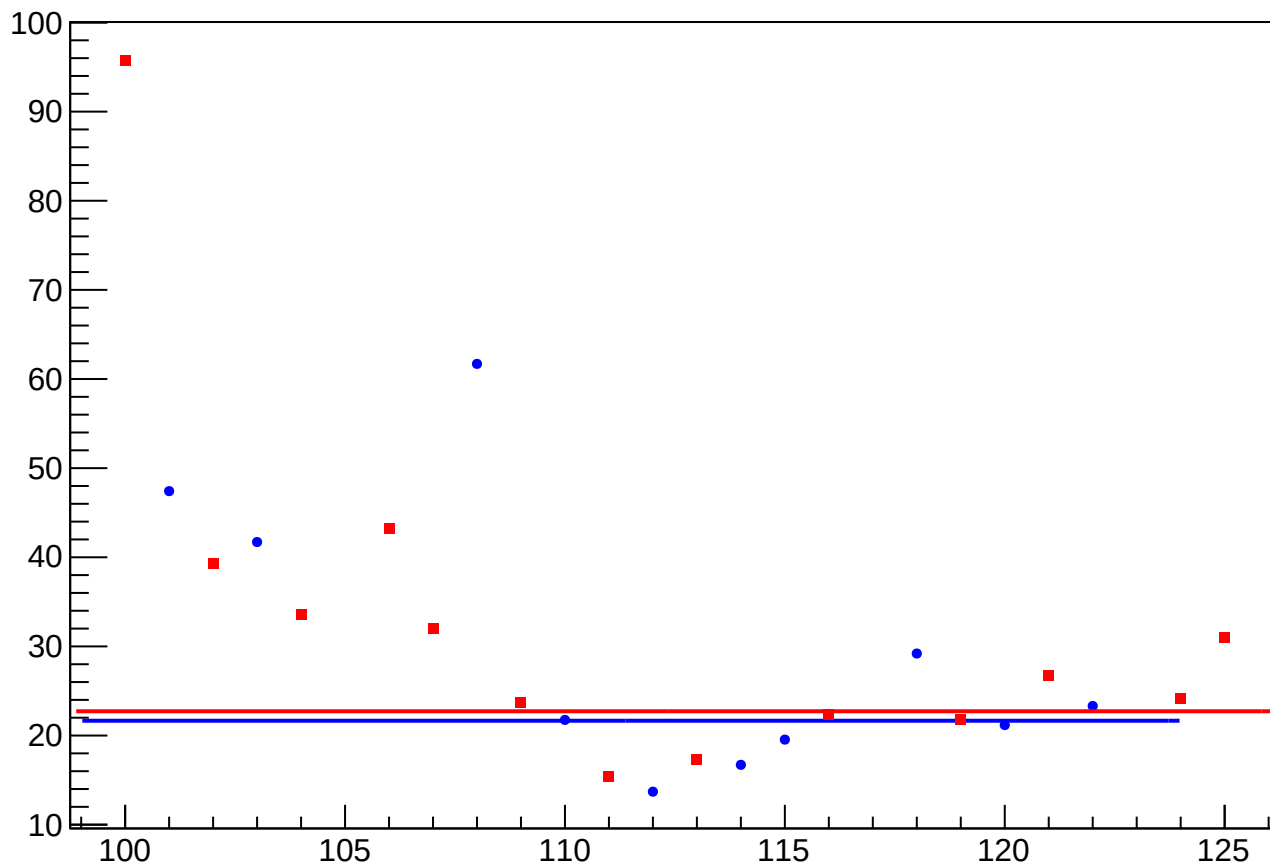
Right: -0.012+/-0.008 χ^2/NDF : 31.9/22

In: -0.030+/-0.012 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.012+/-0.008 χ^2/NDF : 31.9/22

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: 22.723+/-0.008 χ^2/NDF : 915980.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

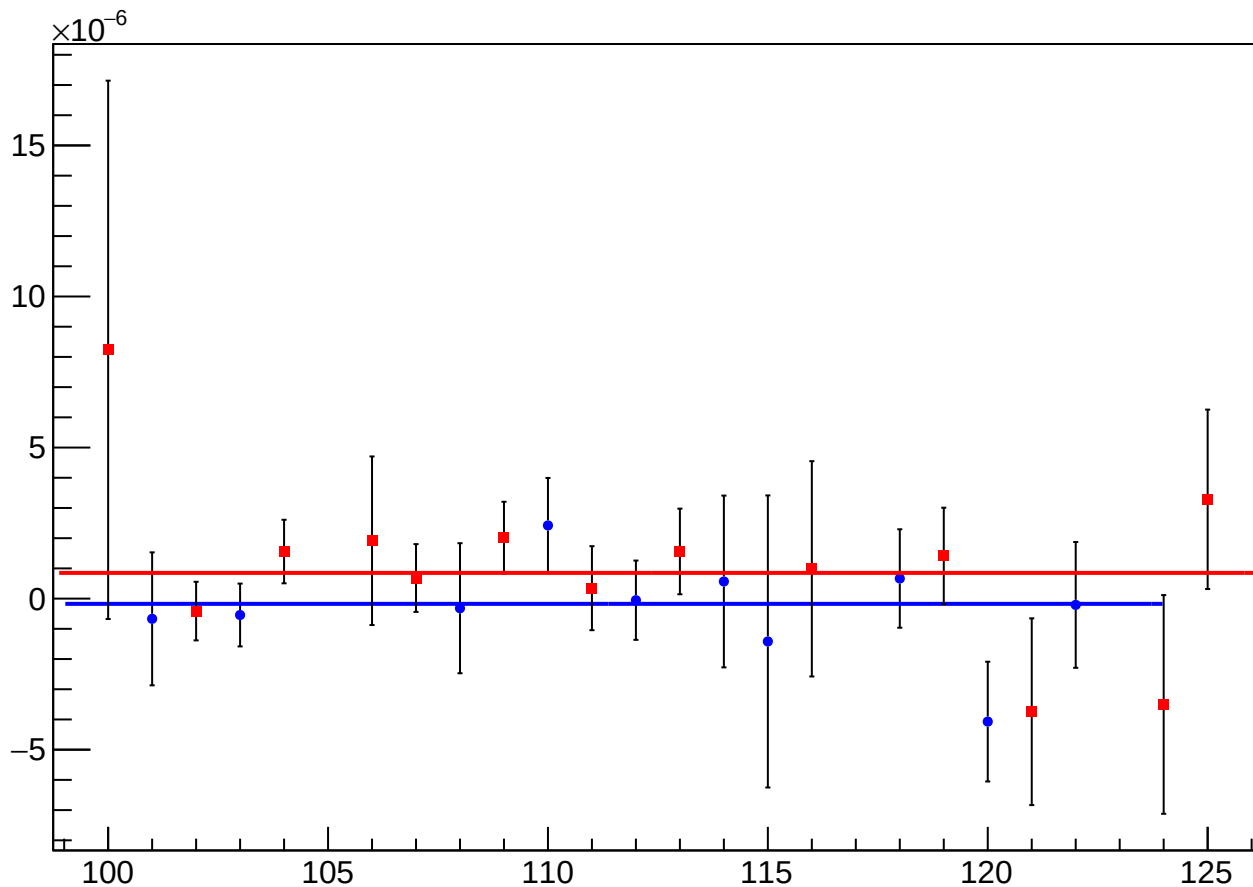
Right: 22.247+/-0.006 χ^2/NDF : 2268672.1/22

In: 21.661+/-0.009 χ^2/NDF : 1344270.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.247+/-0.006 χ^2/NDF : 2268672.1/22

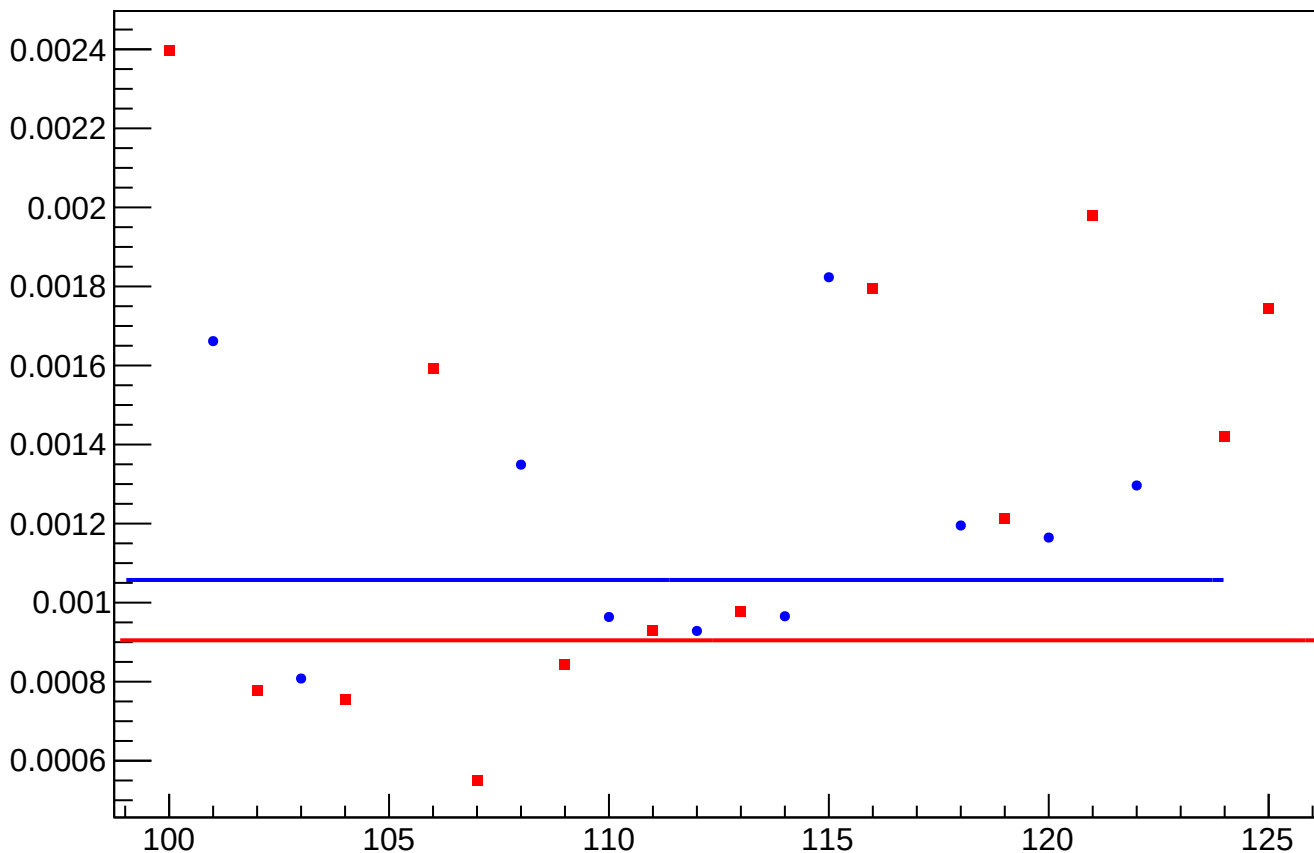
asym_sam_15_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.2/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 8.8/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 18.2/22
 In: -0.000+/-0.000 χ^2/NDF : 7.2/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 18.2/22

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 : 1103903.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

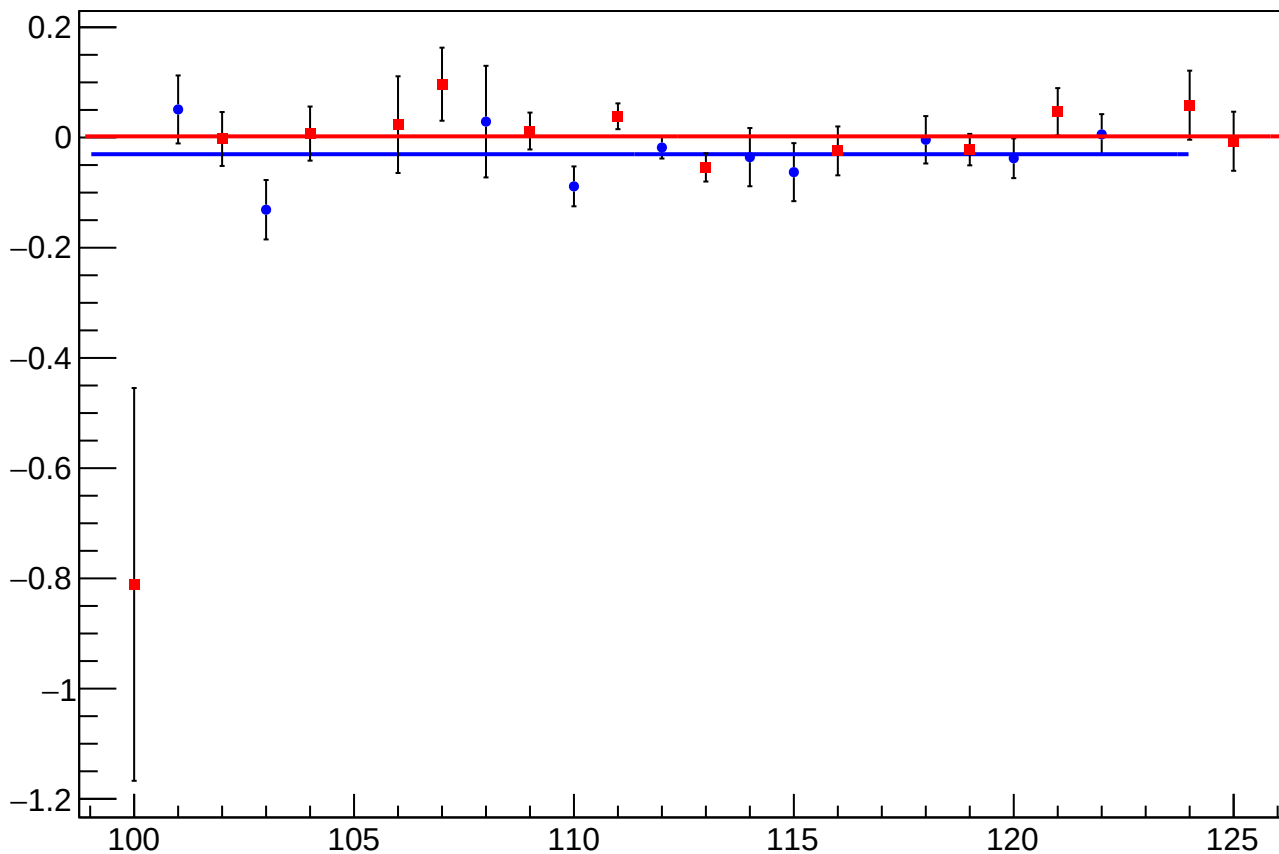
Right: 0.001+/-0.000 χ^2/NDF : 1628335.4/22

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 : 1628335.4/22

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030+/-0.012 χ^2/NDF : 10.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.011 χ^2/NDF : 17.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

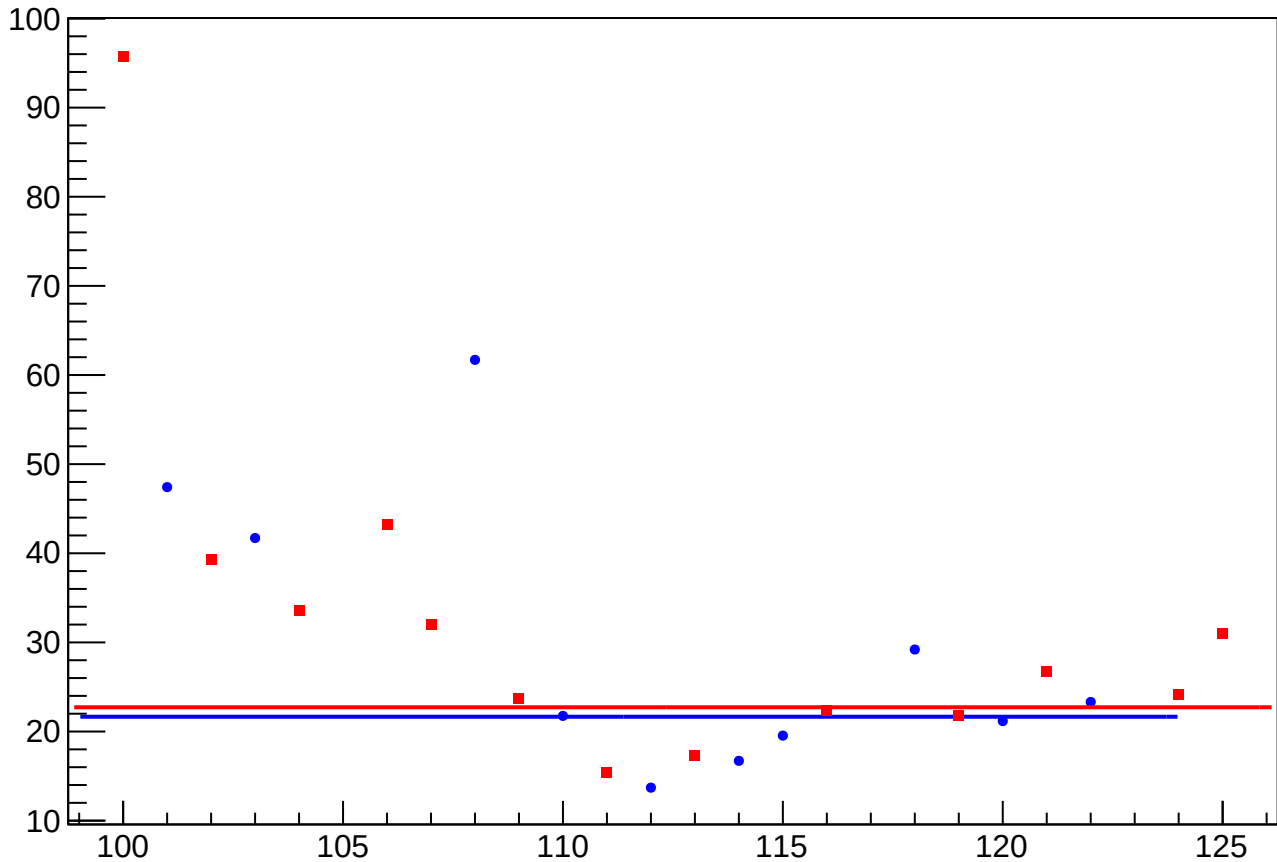
Right: -0.012+/-0.008 χ^2/NDF : 31.9/22

In: -0.030+/-0.012 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.012+/-0.008 χ^2/NDF : 31.9/22

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: 22.723+/-0.008 χ^2/NDF : 916032.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

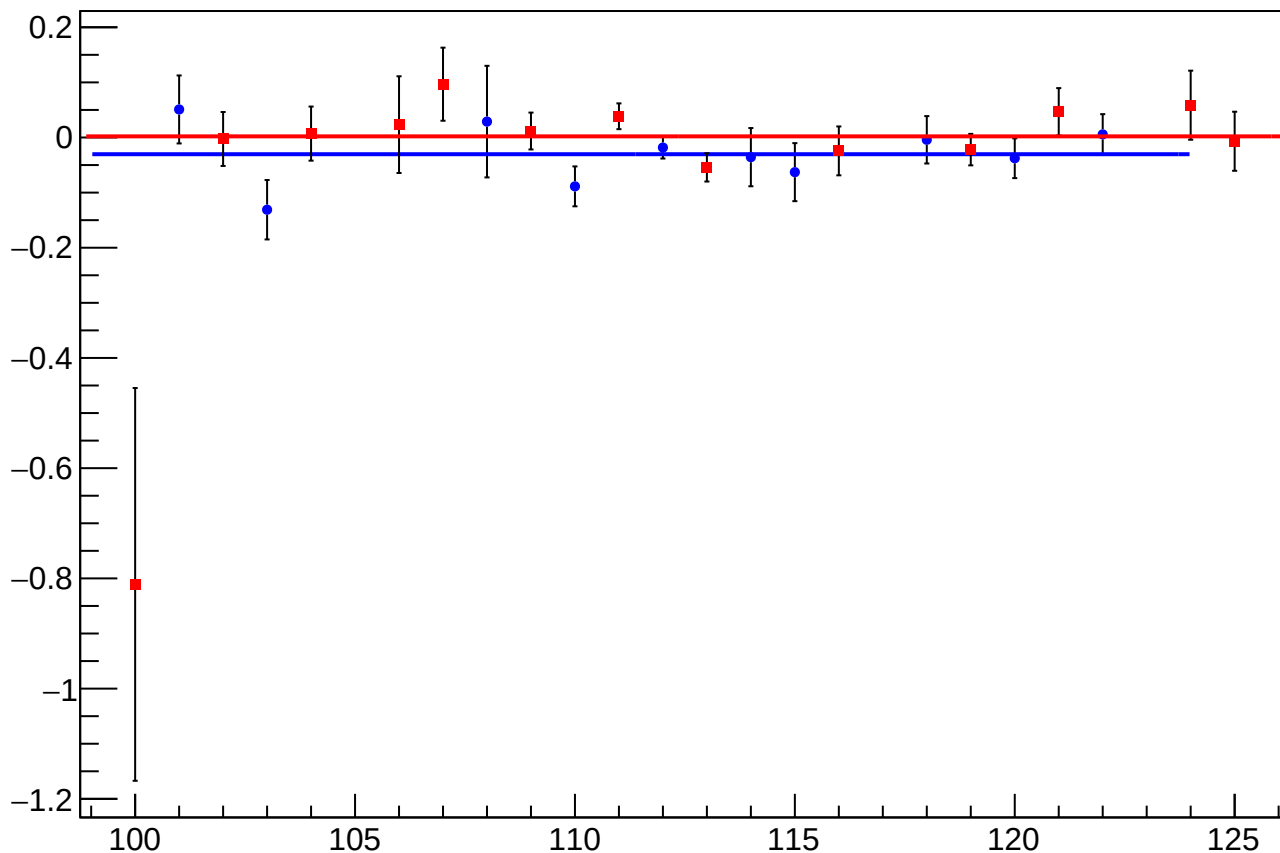
Right: 22.247+/-0.006 χ^2/NDF : 2268761.8/22

In: 21.661+/-0.009 χ^2/NDF : 1344307.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.247+/-0.006 χ^2/NDF : 2268761.8/22

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: 0.002+/-0.011 χ^2/NDF : 17.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

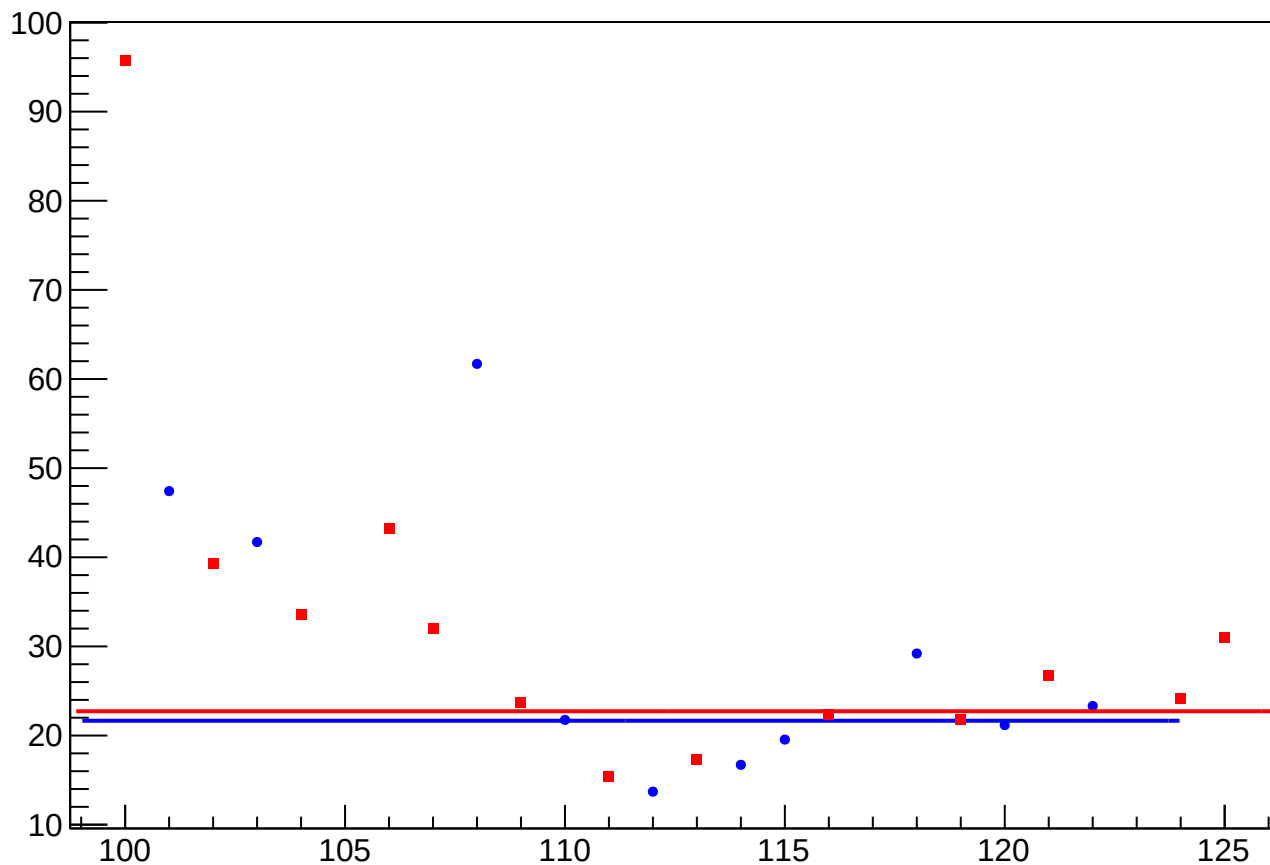
Right: -0.012+/-0.008 χ^2/NDF : 31.9/22

In: -0.030+/-0.012 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.012+/-0.008 χ^2/NDF : 31.9/22

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: 22.723+/-0.008 χ^2/NDF : 916032.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

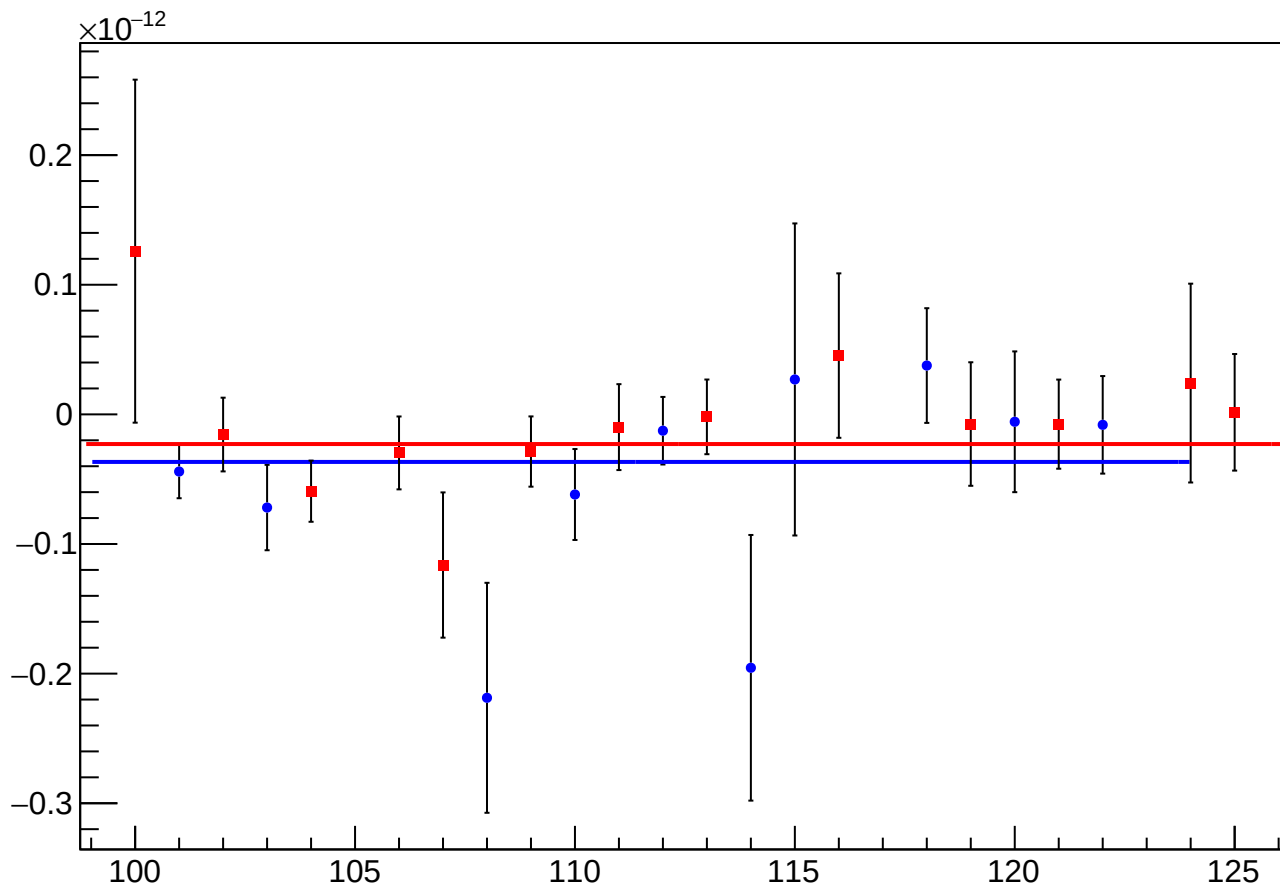
Right: 22.247+/-0.006 χ^2/NDF : 2268761.8/22

In: 21.661+/-0.009 χ^2/NDF : 1344307.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.247+/-0.006 χ^2/NDF : 2268761.8/22

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

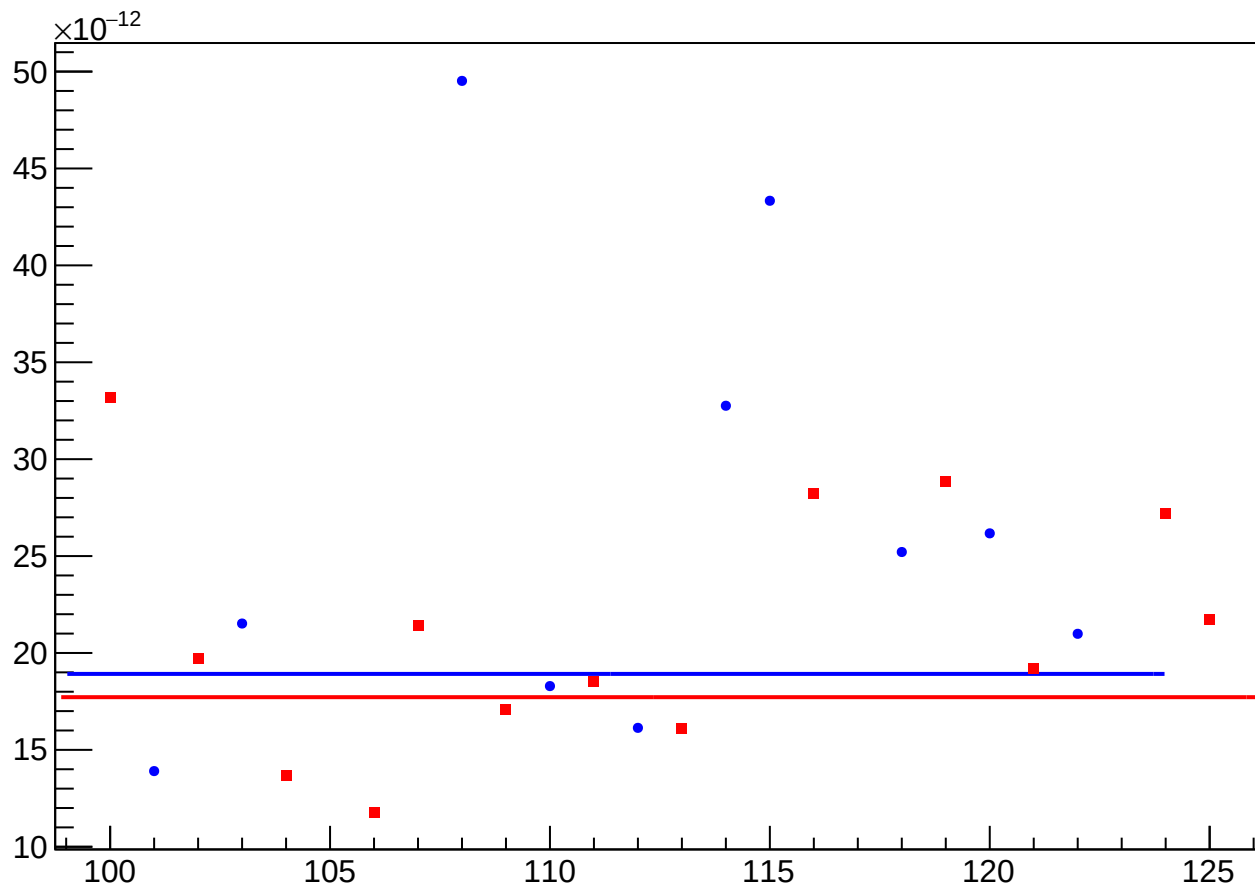
Right: -0.000+/-0.000 χ^2/NDF : 23.5/22

In: -0.000+/-0.000 χ^2/NDF : 13.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.5/22

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 : 416150.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

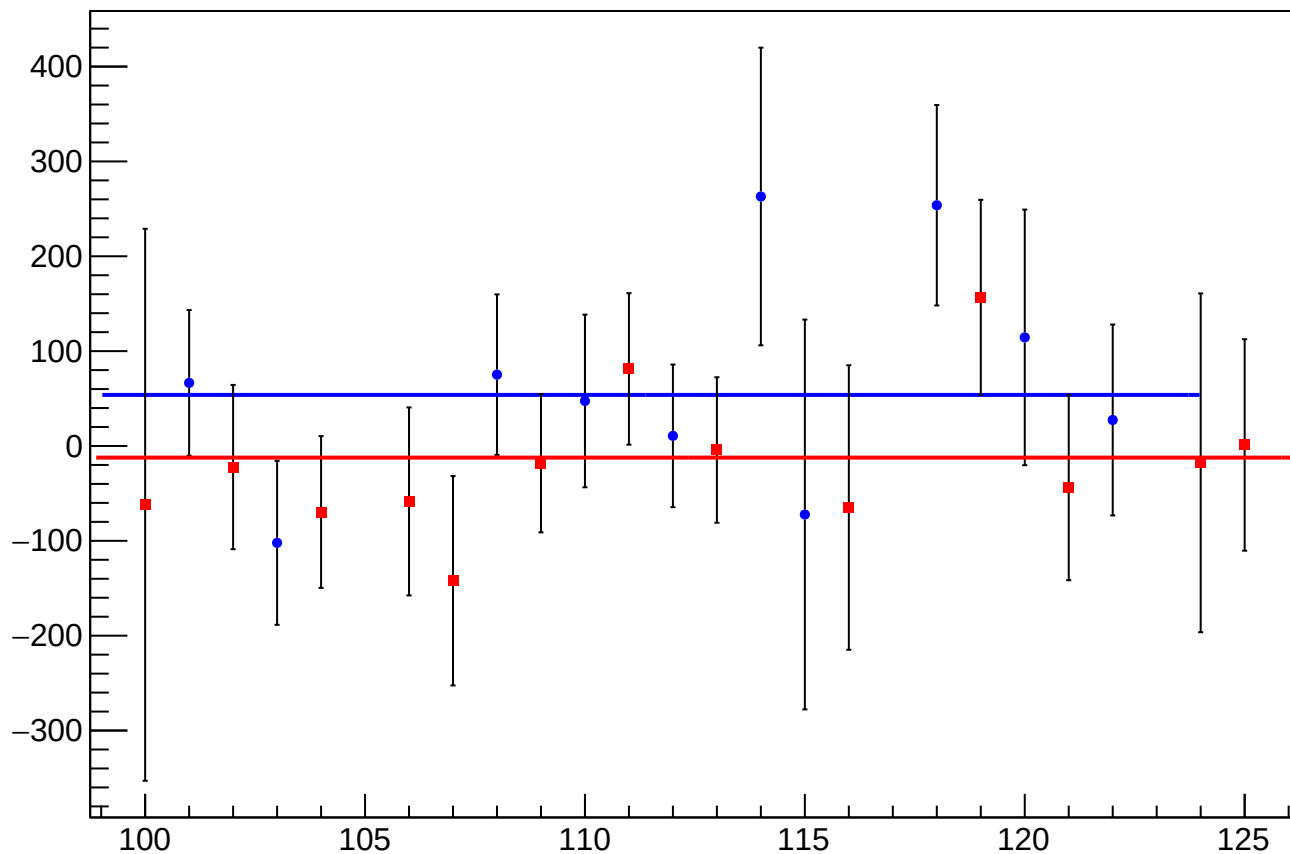
Right: 0.000+/-0.000 χ^2/NDF : 1021865.8/22

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 : 1021865.8/22

reg_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 53.848 $\pm$ 30.889 χ^2/NDF : 9.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -12.260 $\pm$ 27.159 χ^2/NDF : 6.5/12

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

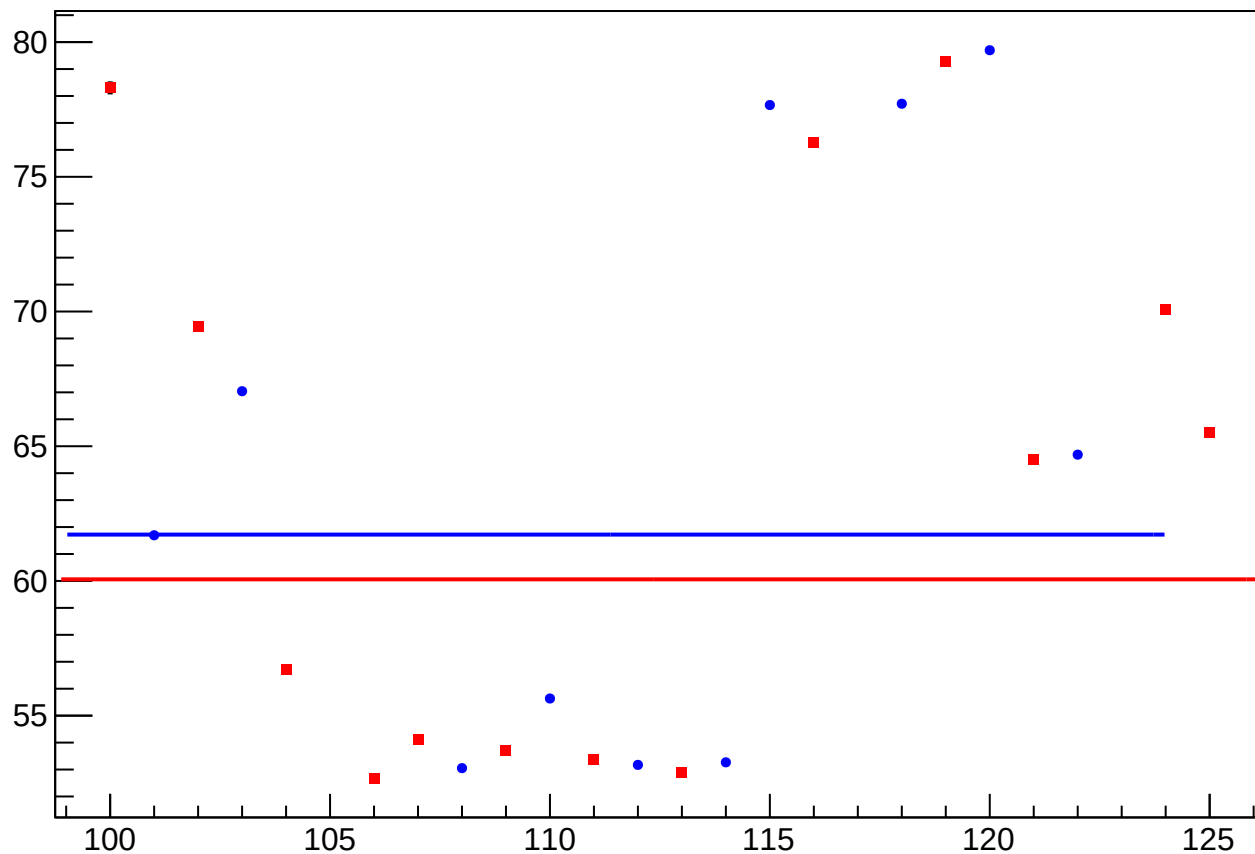
Right: 16.563 $\pm$ 20.396 χ^2/NDF : 18.8/22

In: 53.848 $\pm$ 30.889 χ^2/NDF : 9.7/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 16.563 $\pm$ 20.396 χ^2/NDF : 18.8/22

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: 60.060+/-0.019 χ^2/NDF : 207157.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

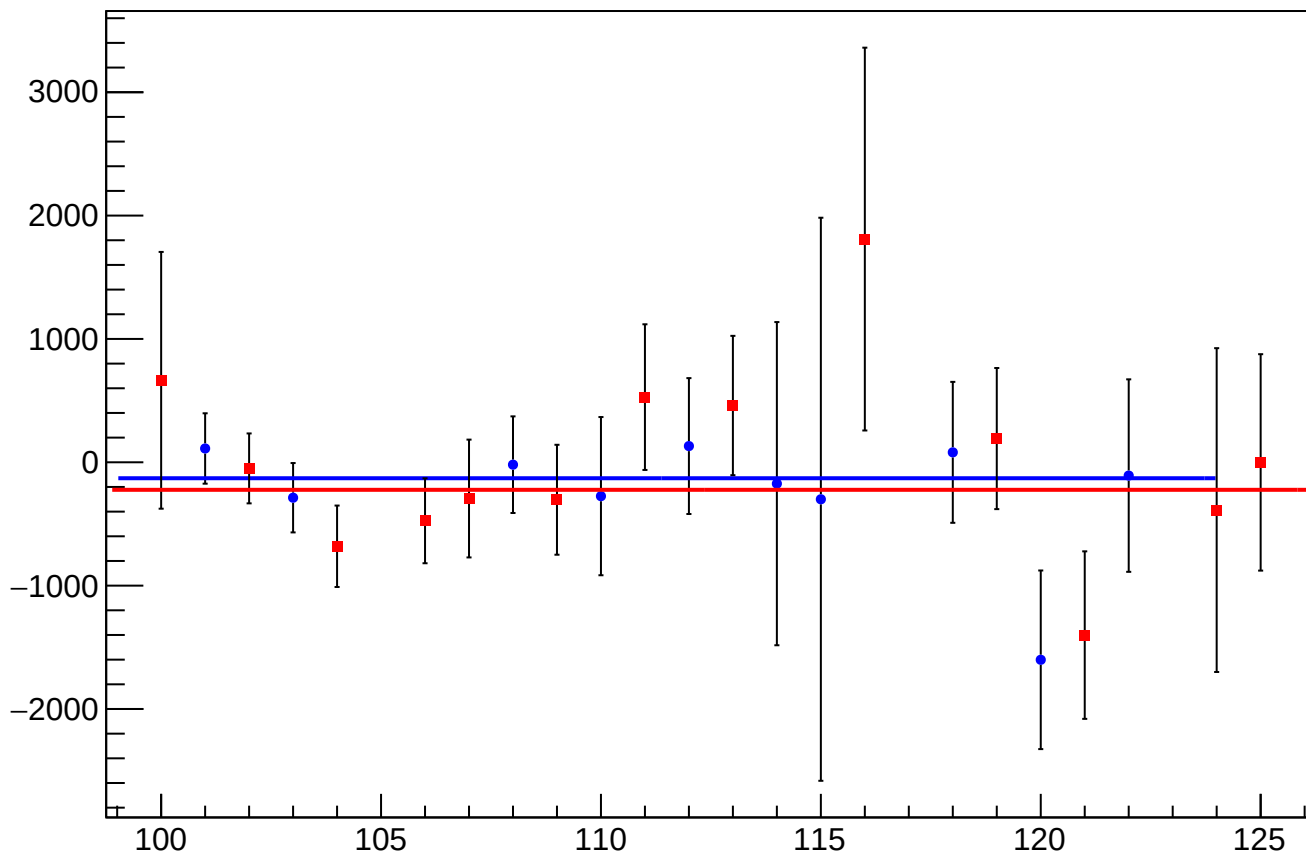
Right: 60.784+/-0.014 χ^2/NDF : 374763.0/22

In: 61.721+/-0.022 χ^2/NDF :164343.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 60.784+/-0.014 χ^2/NDF : 374763.0/22

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: -223.221+/-136.172 χ^2/NDF : 12.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

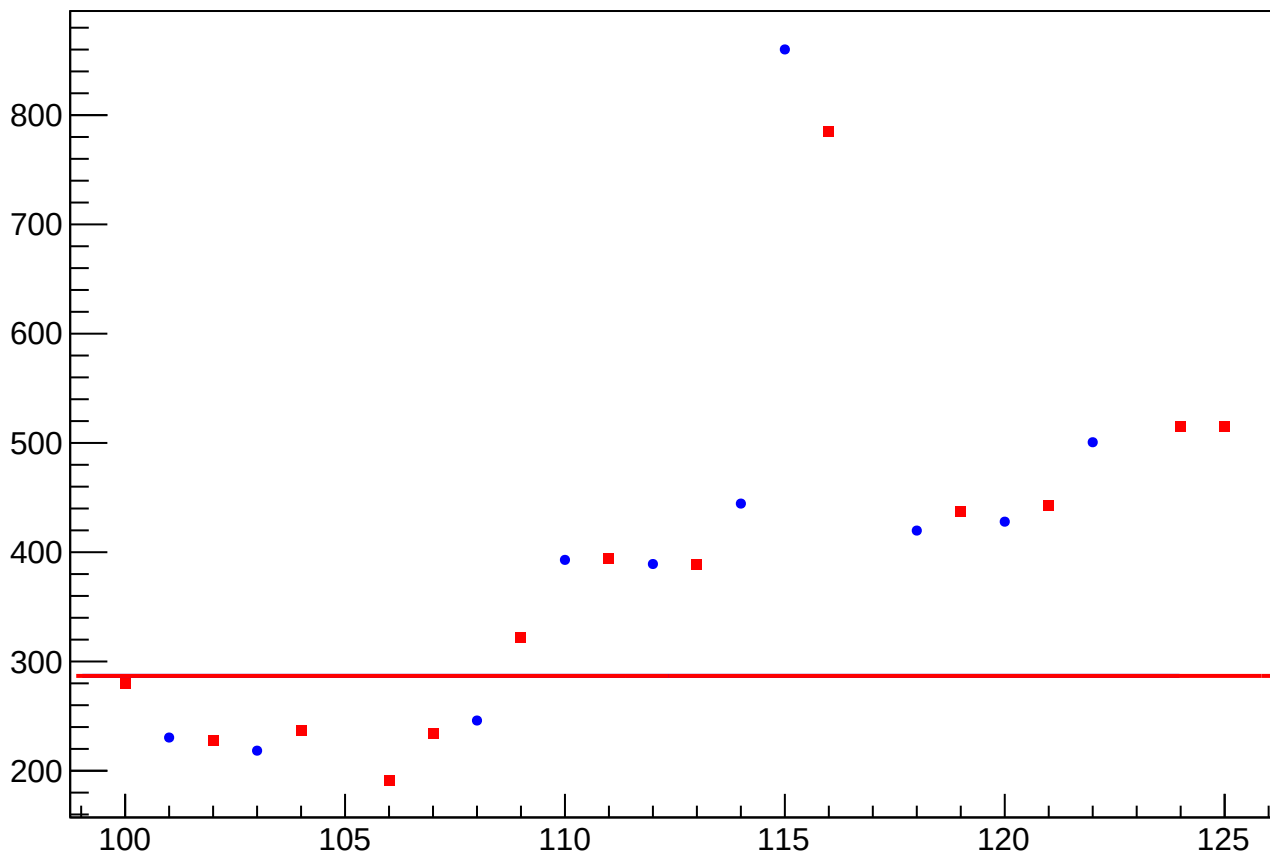
Right: -180.726+/-100.759 χ^2/NDF : 17.9/22

In: -129.306+/-149.788 χ^2/NDF : 5.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -180.726+/-100.759 χ^2/NDF : 17.9/22

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: 286.805+/-0.096 χ^2/NDF : 1102557.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

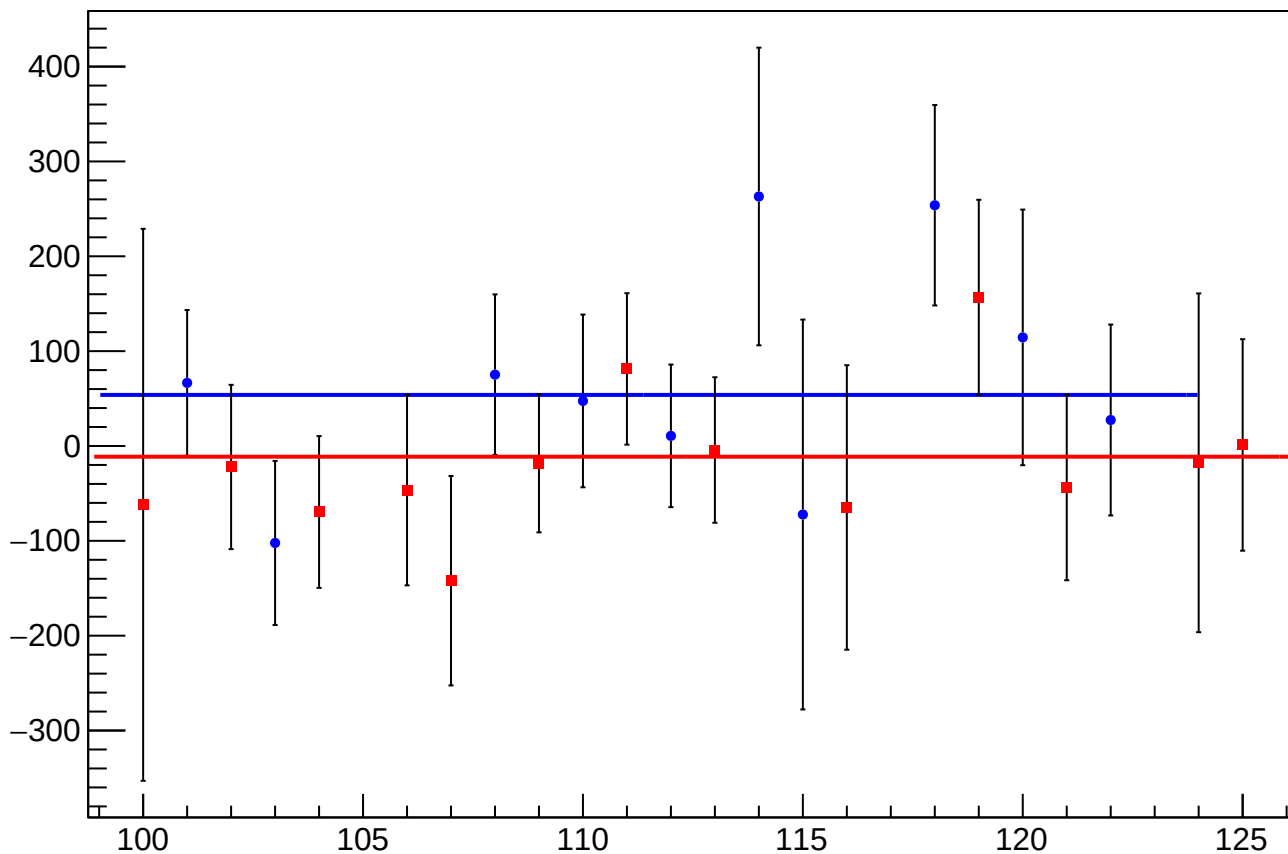
Right: 286.821+/-0.071 χ^2/NDF : 1934614.3/22

In: 286.839+/-0.106 χ^2/NDF : 832056.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 286.821+/-0.071 χ^2/NDF : 1934614.3/22

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: -11.277+/-27.187 χ^2/NDF : 6.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

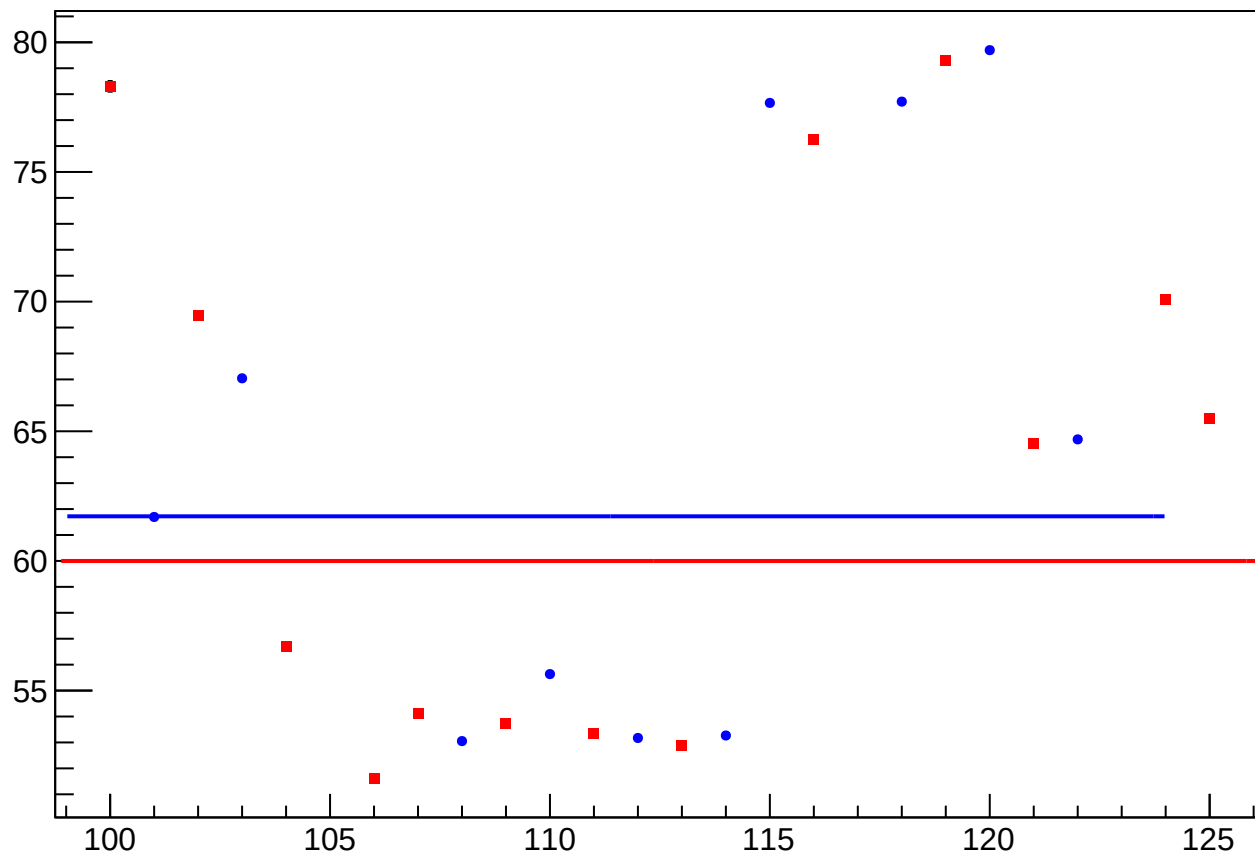
Right: 17.148+/-20.408 χ^2/NDF : 18.6/22

In: 53.839+/-30.889 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.148+/-20.408 χ^2/NDF : 18.6/22

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: 59.999+/-0.019 χ^2/NDF : 210255.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

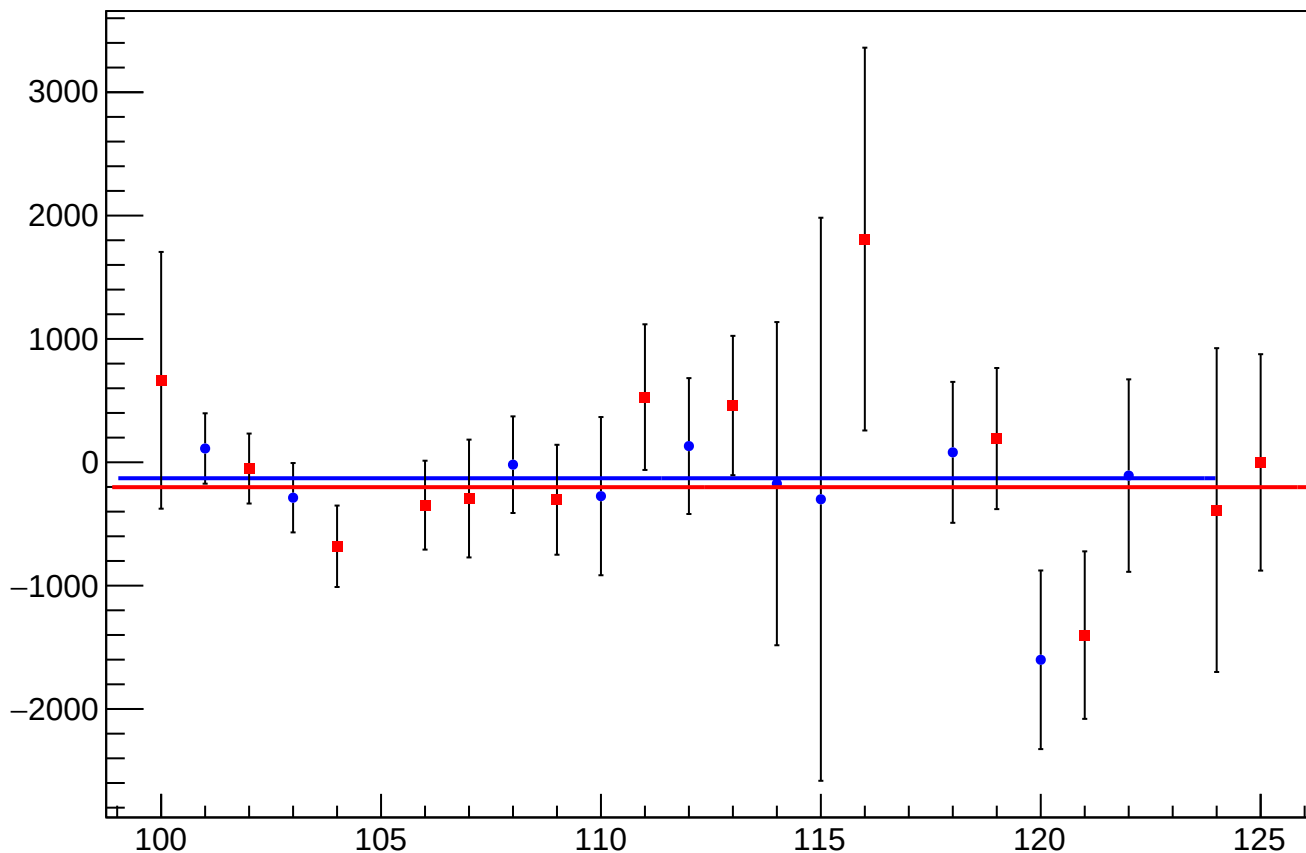
Right: 60.750+/-0.014 χ^2/NDF : 378102.0/22

In: 61.721+/-0.022 χ^2/NDF : 164344.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.750+/-0.014 χ^2/NDF : 378102.0/22

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: -201.755 ± 137.129 χ^2/NDF : 11.6/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

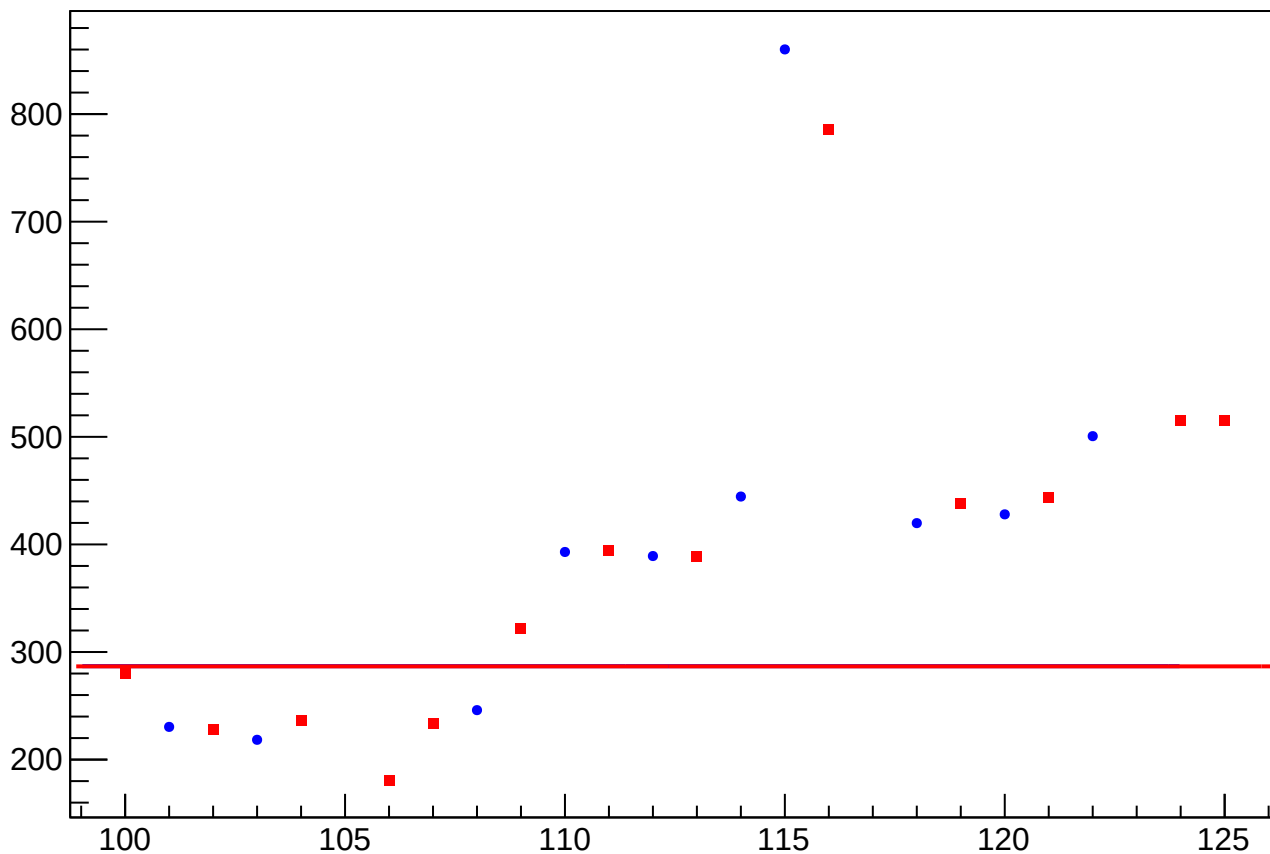
Right: -168.712 ± 101.145 χ^2/NDF : 17.4/22

In: -129.285 ± 149.790 χ^2/NDF : 5.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -168.712 ± 101.145 χ^2/NDF : 17.4/22

asym_sam_37_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 286.843 $\pm$ 0.106 χ^2 /NDF: 832021.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 286.659 $\pm$ 0.097 χ^2 /NDF: 1121236.8/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

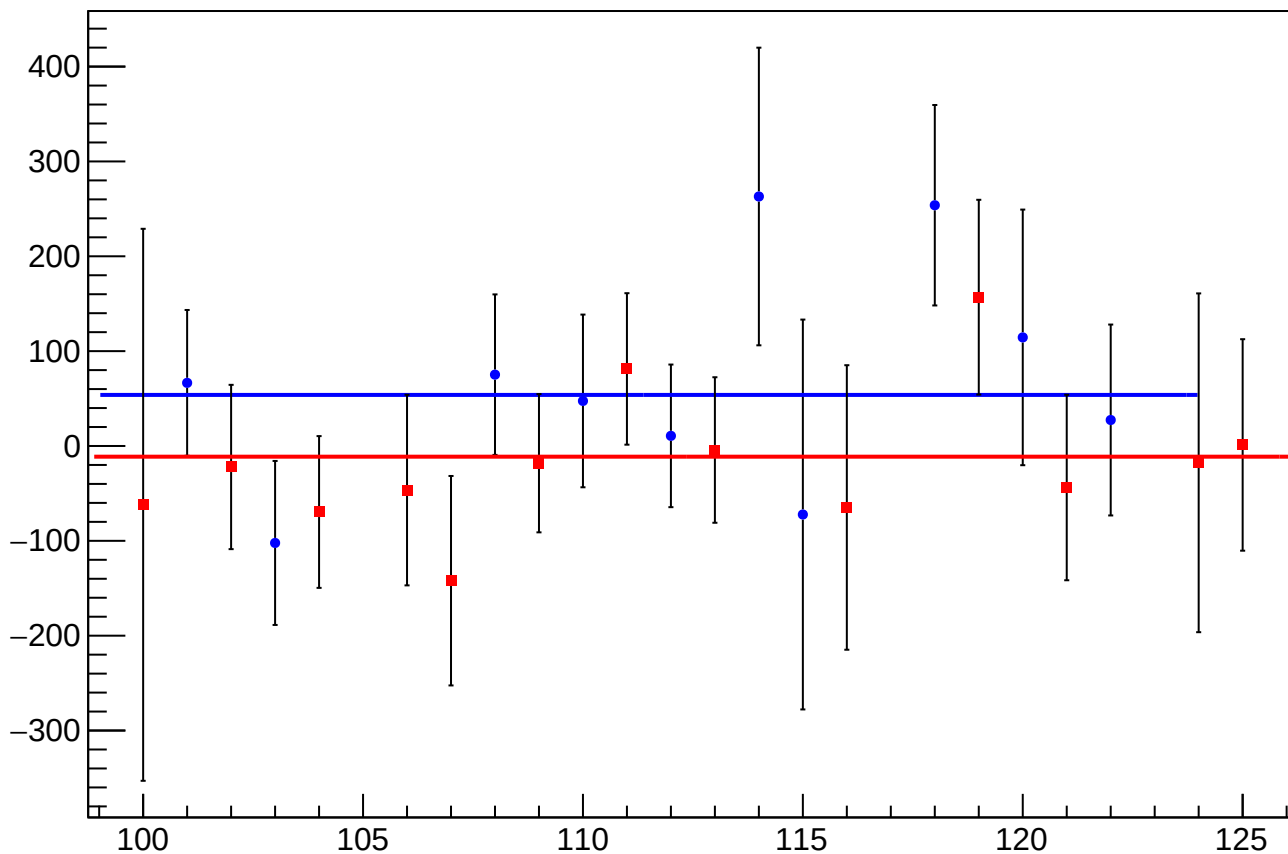
Right: 286.743 $\pm$ 0.072 χ^2 /NDF: 1953259.7/22

In: 286.843 $\pm$ 0.106 χ^2 /NDF:832021.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 286.743 $\pm$ 0.072 χ^2 /NDF: 1953259.7/22

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: -11.277+/-27.187 χ^2/NDF : 6.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

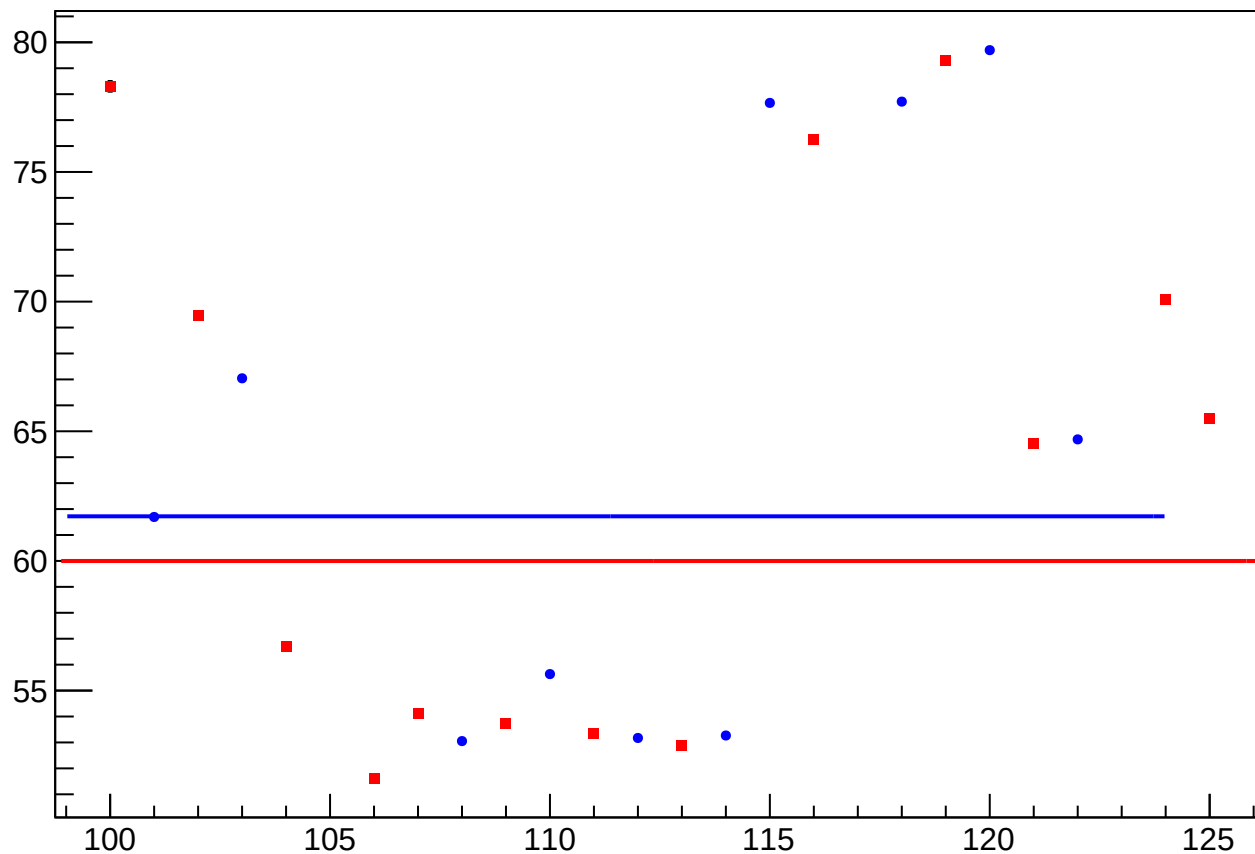
Right: 17.148+/-20.408 χ^2/NDF : 18.6/22

In: 53.839+/-30.889 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.148+/-20.408 χ^2/NDF : 18.6/22

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: 59.999+/-0.019 χ^2/NDF : 210255.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

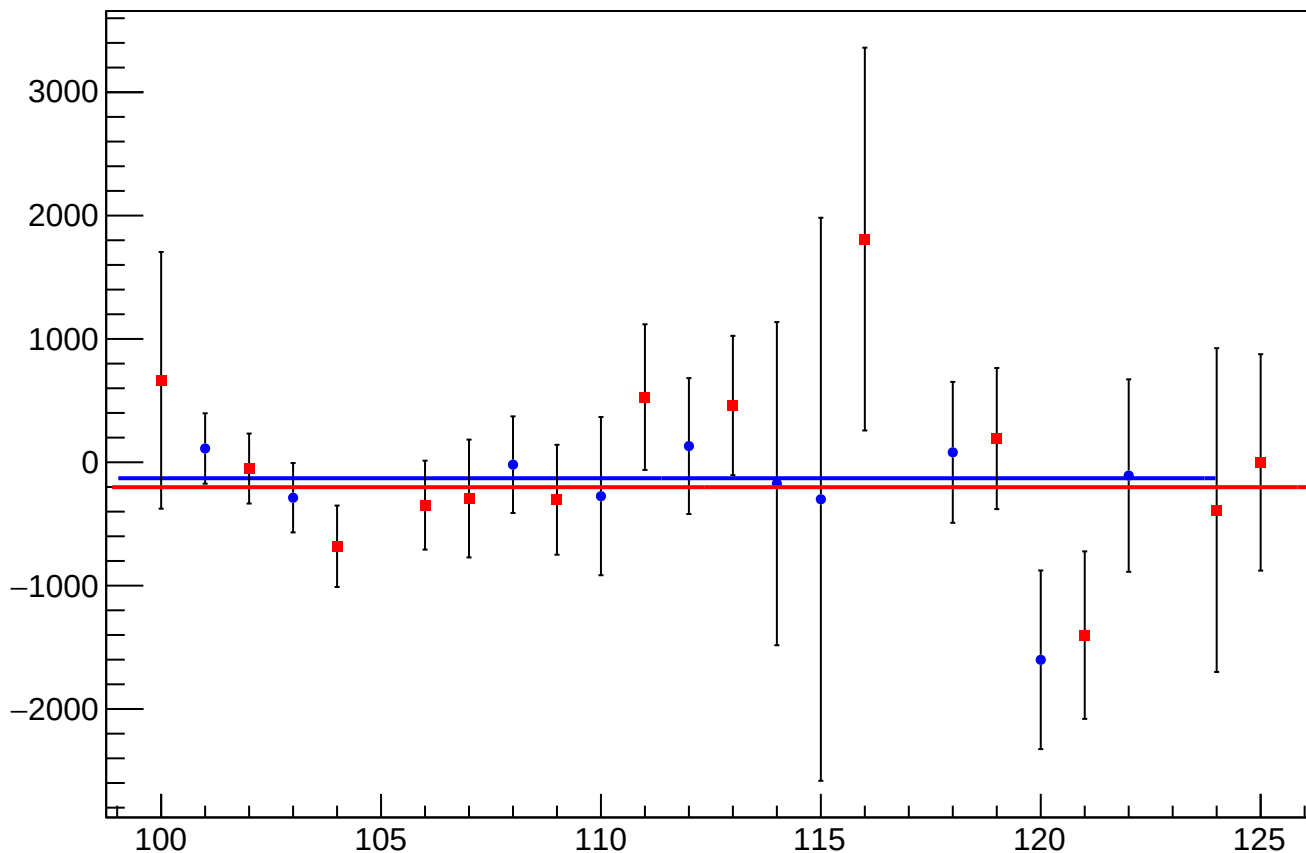
Right: 60.750+/-0.014 χ^2/NDF : 378102.0/22

In: 61.721+/-0.022 χ^2/NDF : 164344.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.750+/-0.014 χ^2/NDF : 378102.0/22

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: -201.755 ± 137.129 χ^2/NDF : 11.6/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

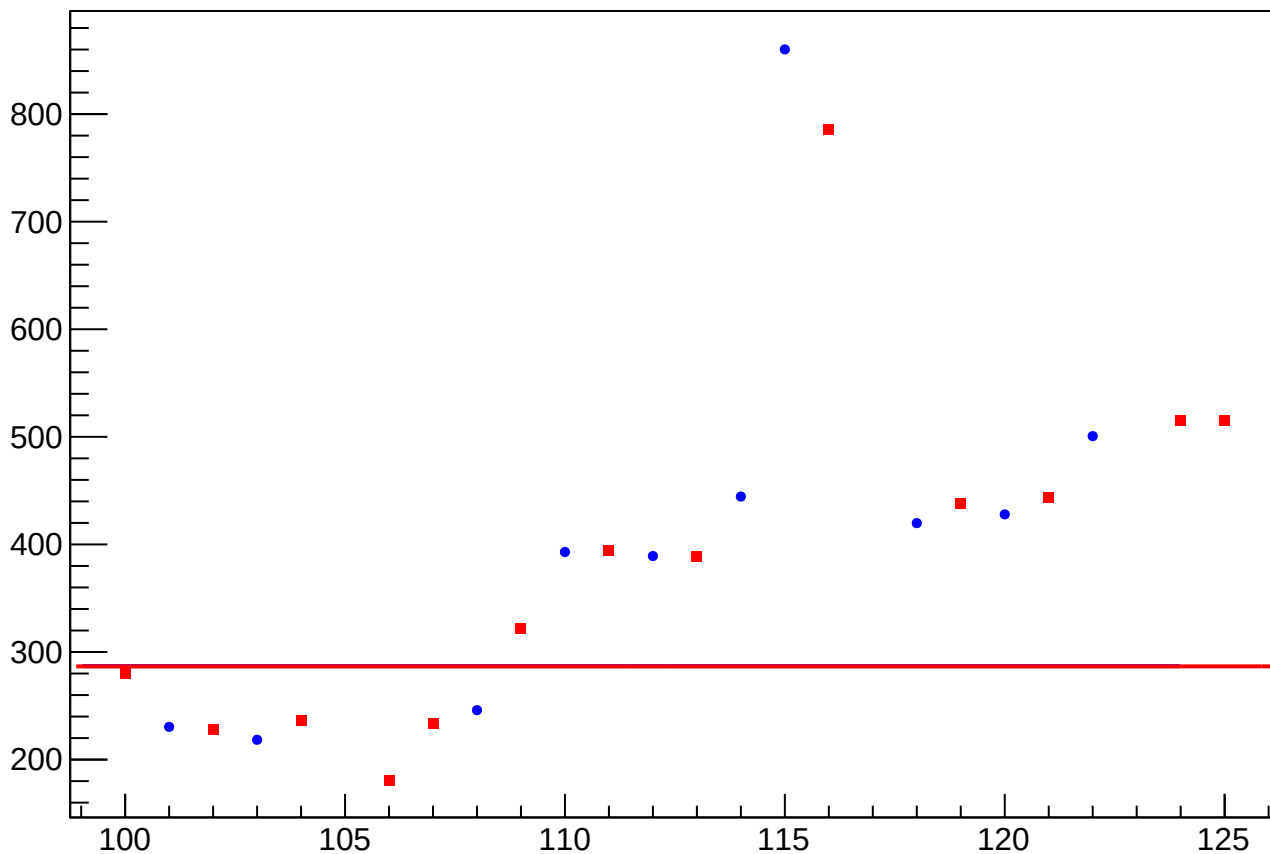
Right: -168.712 ± 101.145 χ^2/NDF : 17.4/22

In: -129.285 ± 149.790 χ^2/NDF : 5.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -168.712 ± 101.145 χ^2/NDF : 17.4/22

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: 286.659+/-0.097 χ^2/NDF : 1121236.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

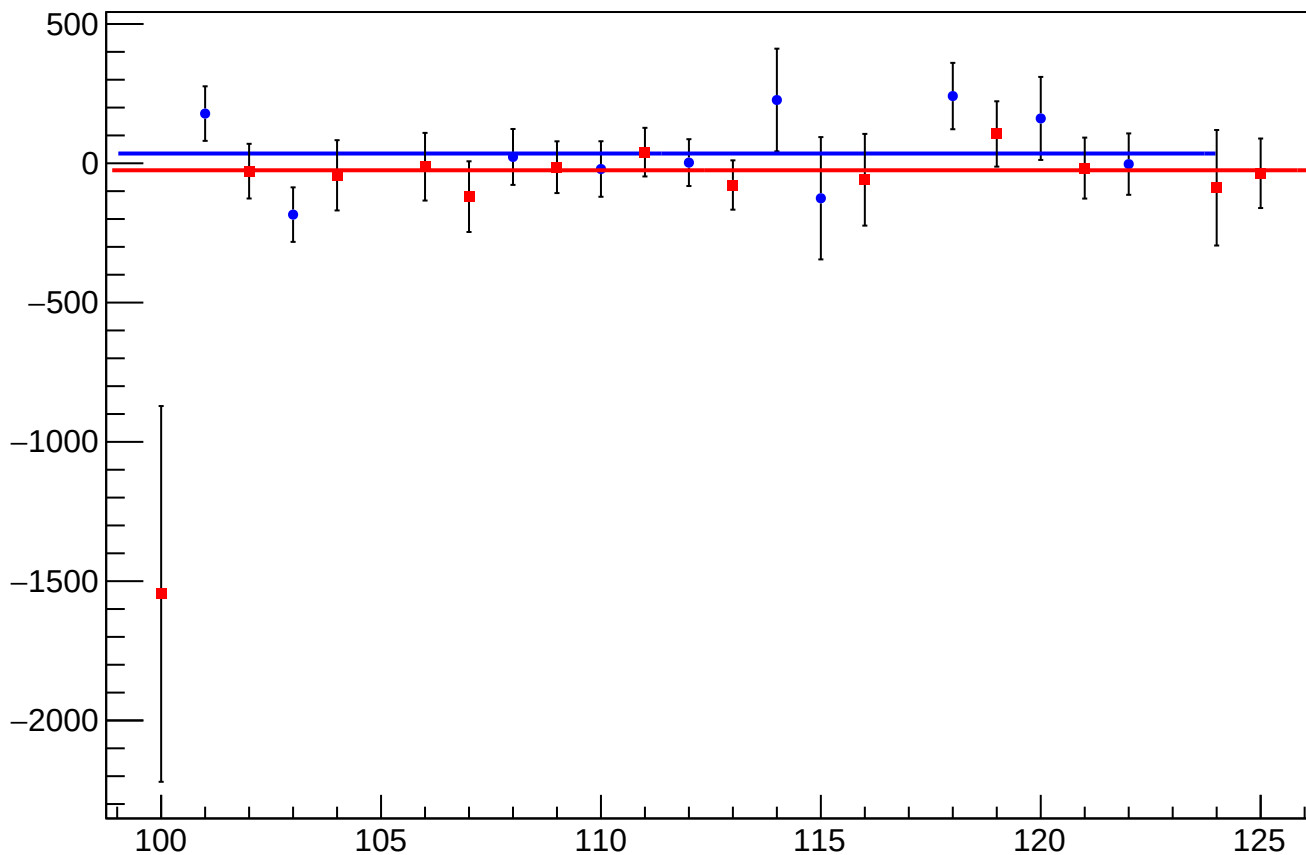
Right: 286.743+/-0.072 χ^2/NDF : 1953259.7/22

In: 286.843+/-0.106 χ^2/NDF : 832021.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 286.743+/-0.072 χ^2/NDF : 1953259.7/22

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: -25.073+/-32.375 χ^2/NDF : 8.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

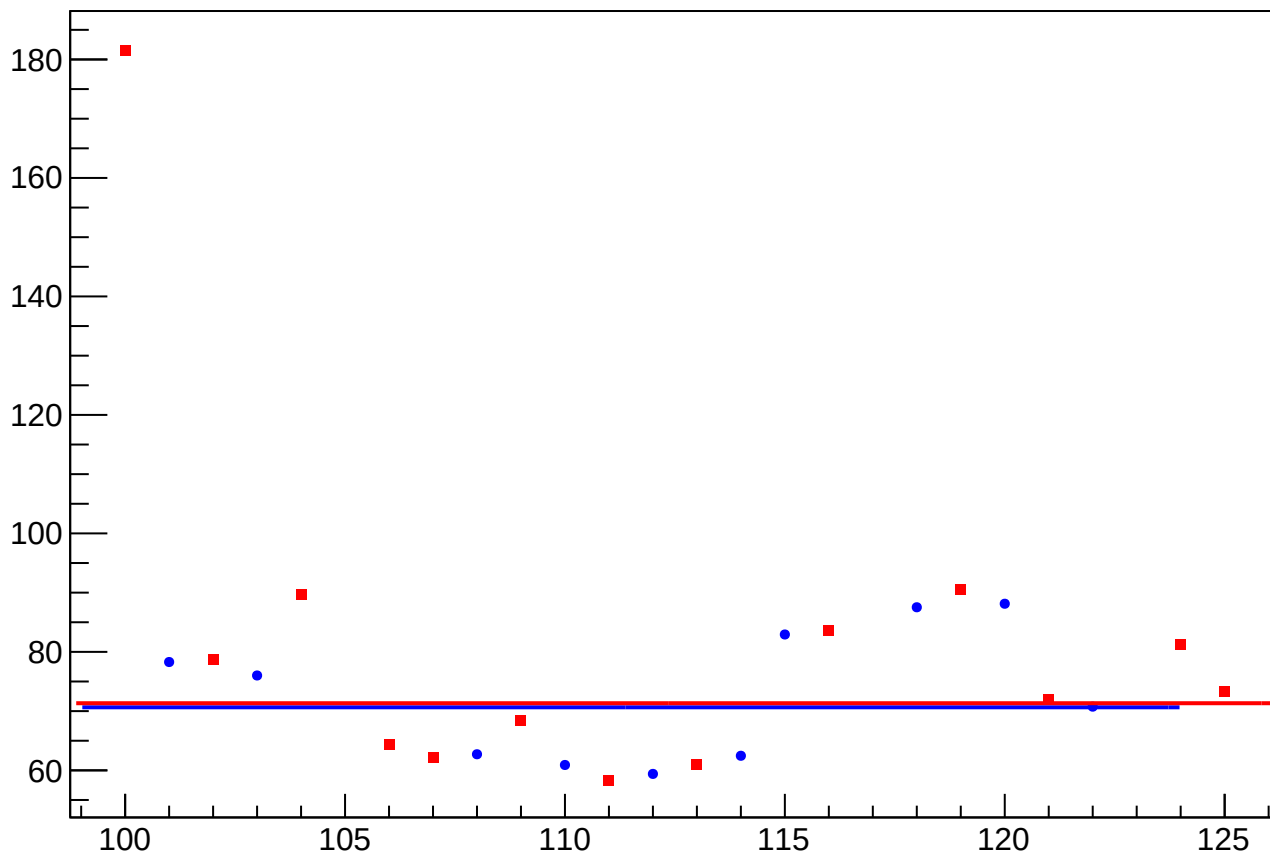
Right: 2.340+/-23.888 χ^2/NDF : 22.7/22

In: 35.104+/-35.393 χ^2/NDF : 13.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.340+/-23.888 χ^2/NDF : 22.7/22

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 70.645 $\pm$ 0.025 χ^2 /NDF: 163462.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 71.333 $\pm$ 0.023 χ^2 /NDF: 267986.5/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

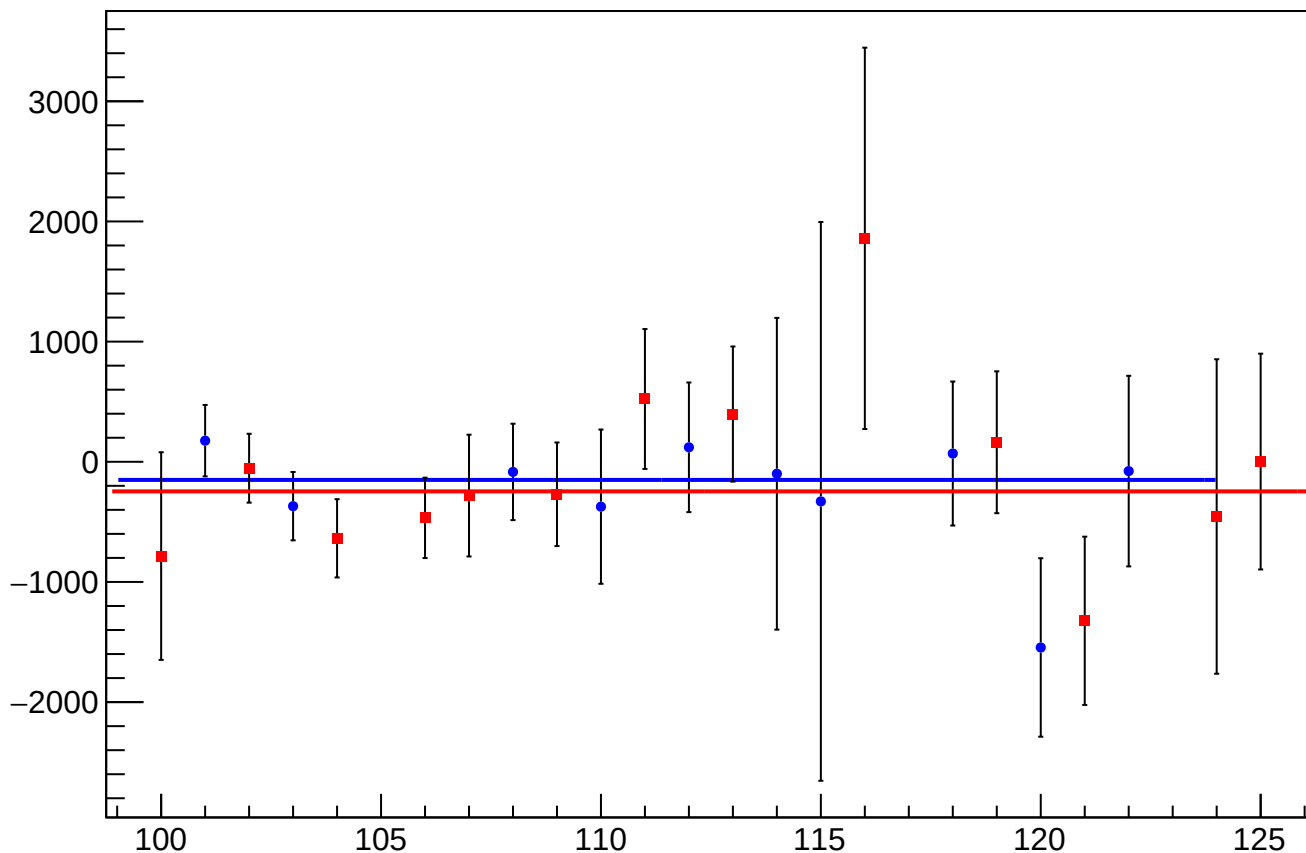
Right: 71.020 $\pm$ 0.017 χ^2 /NDF: 431861.2/22

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: 71.020 $\pm$ 0.017 χ^2 /NDF: 431861.2/22

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: -246.206 ± 135.554 χ^2/NDF : 10.5/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

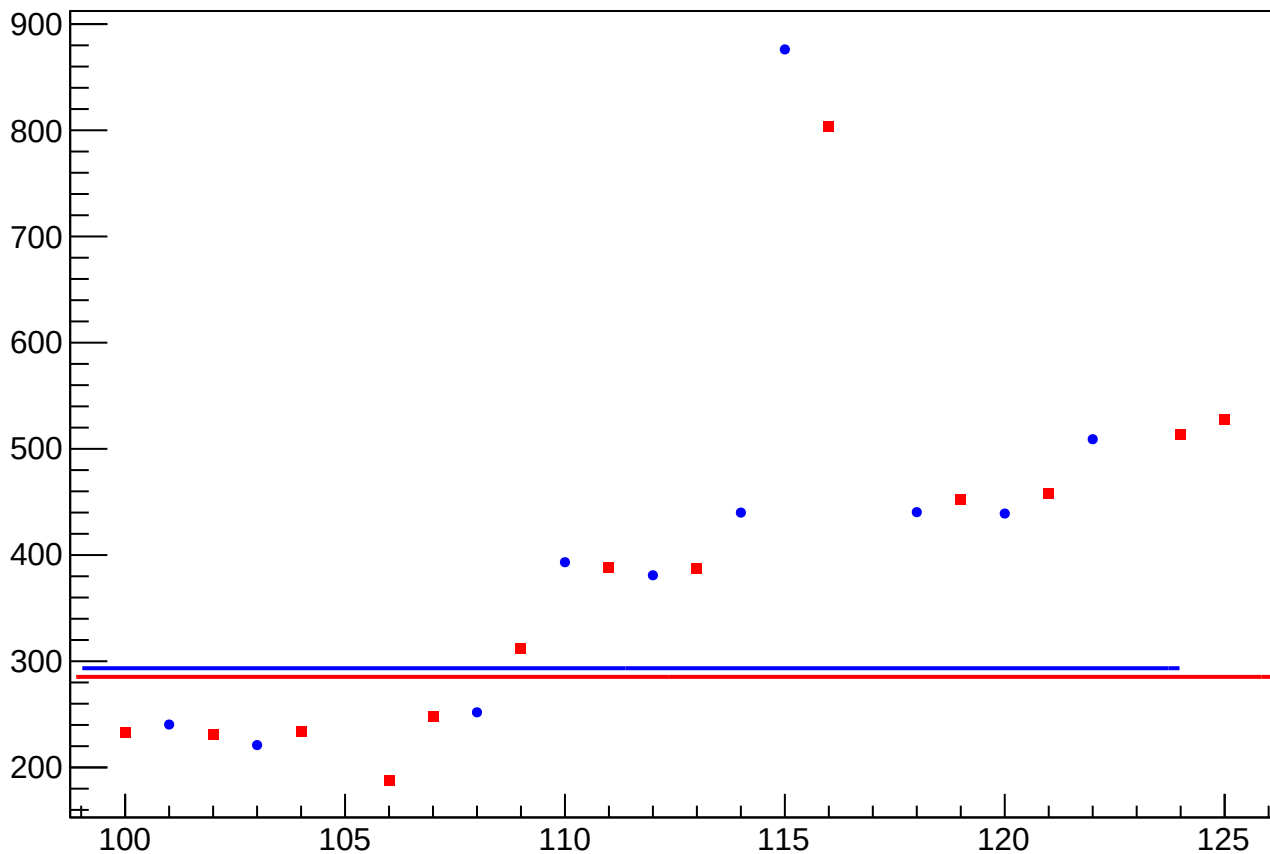
Right: -204.275 ± 101.448 χ^2/NDF : 16.6/22

In: -150.888 ± 152.955 χ^2/NDF : 5.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -204.275 ± 101.448 χ^2/NDF : 16.6/22

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: 285.269+/-0.096 χ^2/NDF : 1149311.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

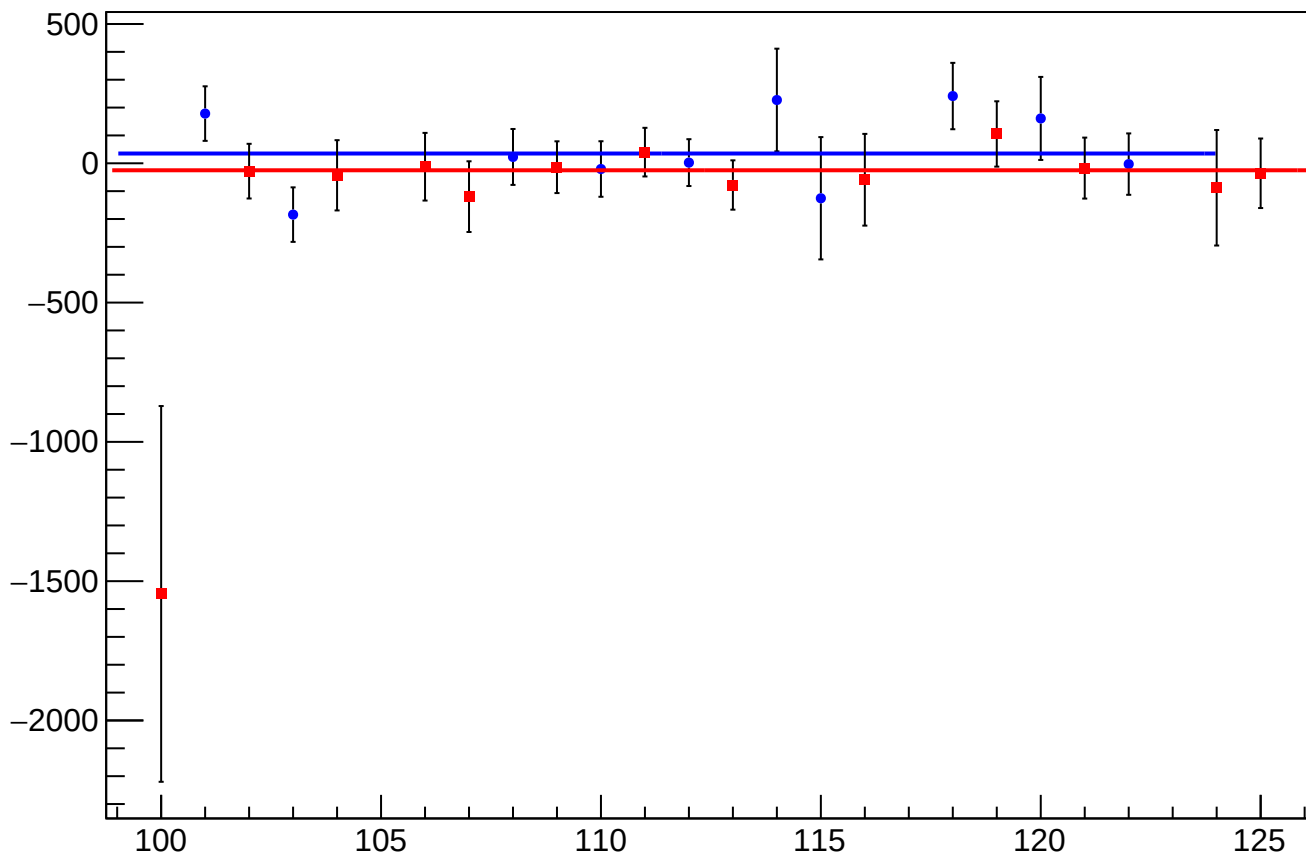
Right: 288.860+/-0.072 χ^2/NDF : 1964733.7/22

In: 293.433+/-0.108 χ^2/NDF : 812231.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 288.860+/-0.072 χ^2/NDF : 1964733.7/22

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: -25.074+/-32.375 χ^2/NDF : 8.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

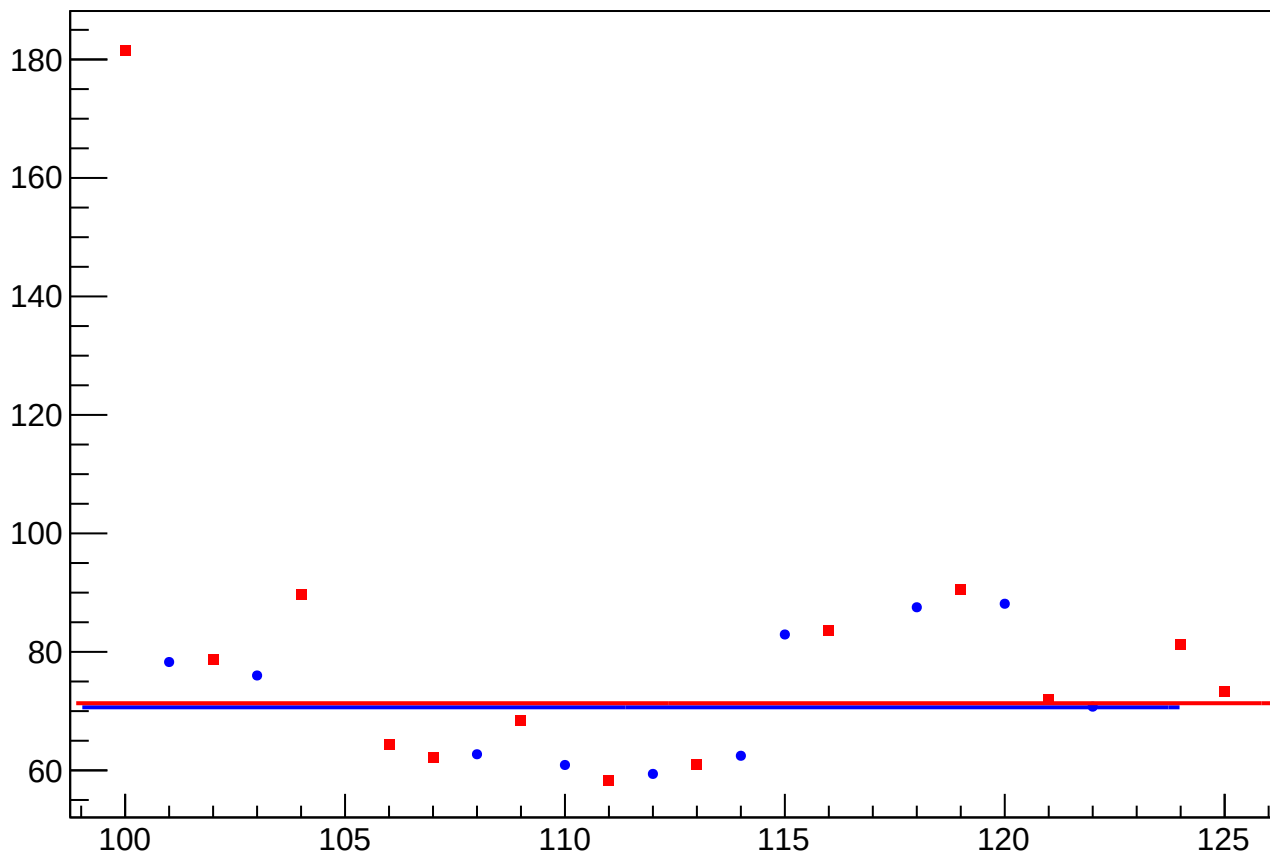
Right: 2.340+/-23.888 χ^2/NDF : 22.7/22

In: 35.104+/-35.393 χ^2/NDF : 13.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.340+/-23.888 χ^2/NDF : 22.7/22

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: 71.333+/-0.023 χ^2/NDF : 267990.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

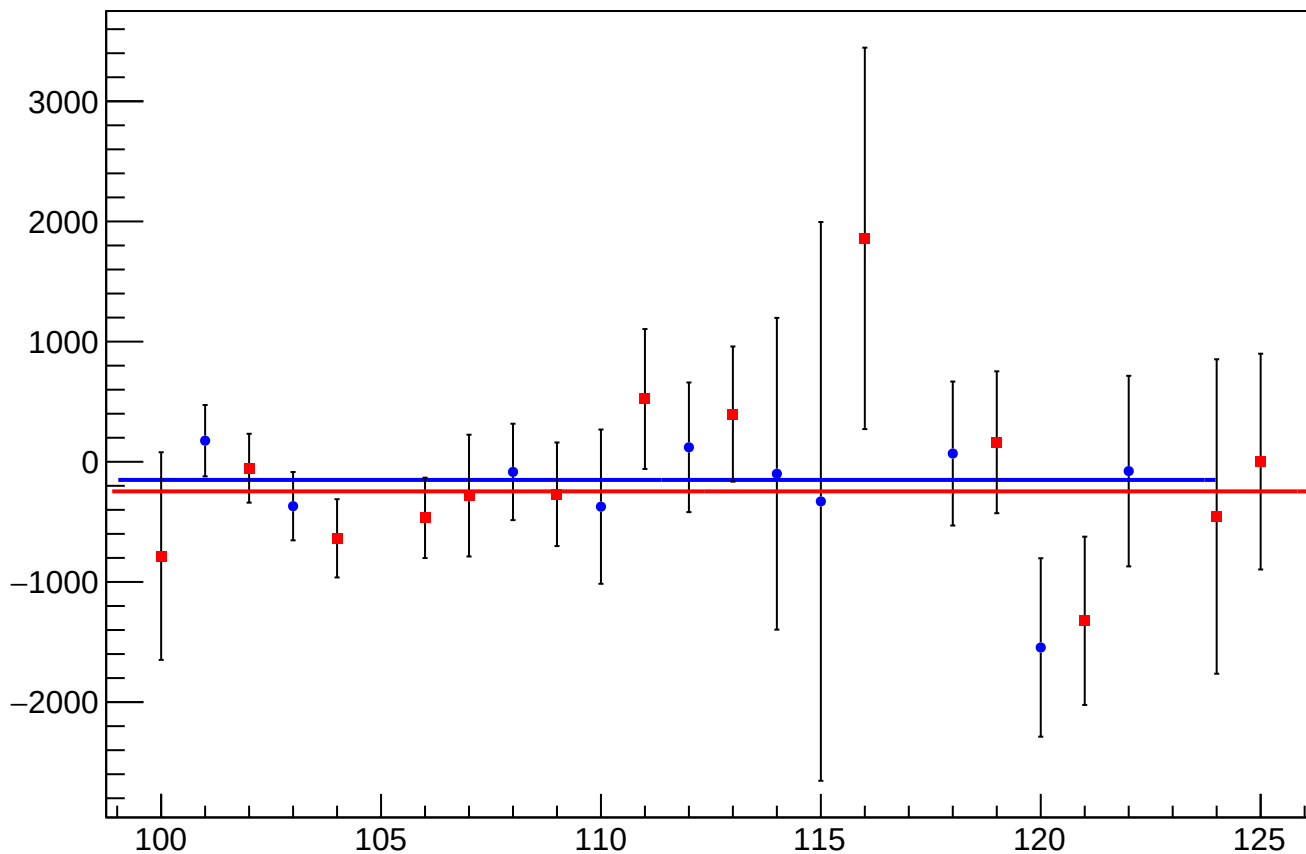
Right: 71.020+/-0.017 χ^2/NDF : 431865.6/22

In: 70.645+/-0.025 χ^2/NDF : 163462.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.020+/-0.017 χ^2/NDF : 431865.6/22

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: -246.206 ± 135.554 χ^2/NDF : 10.5/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

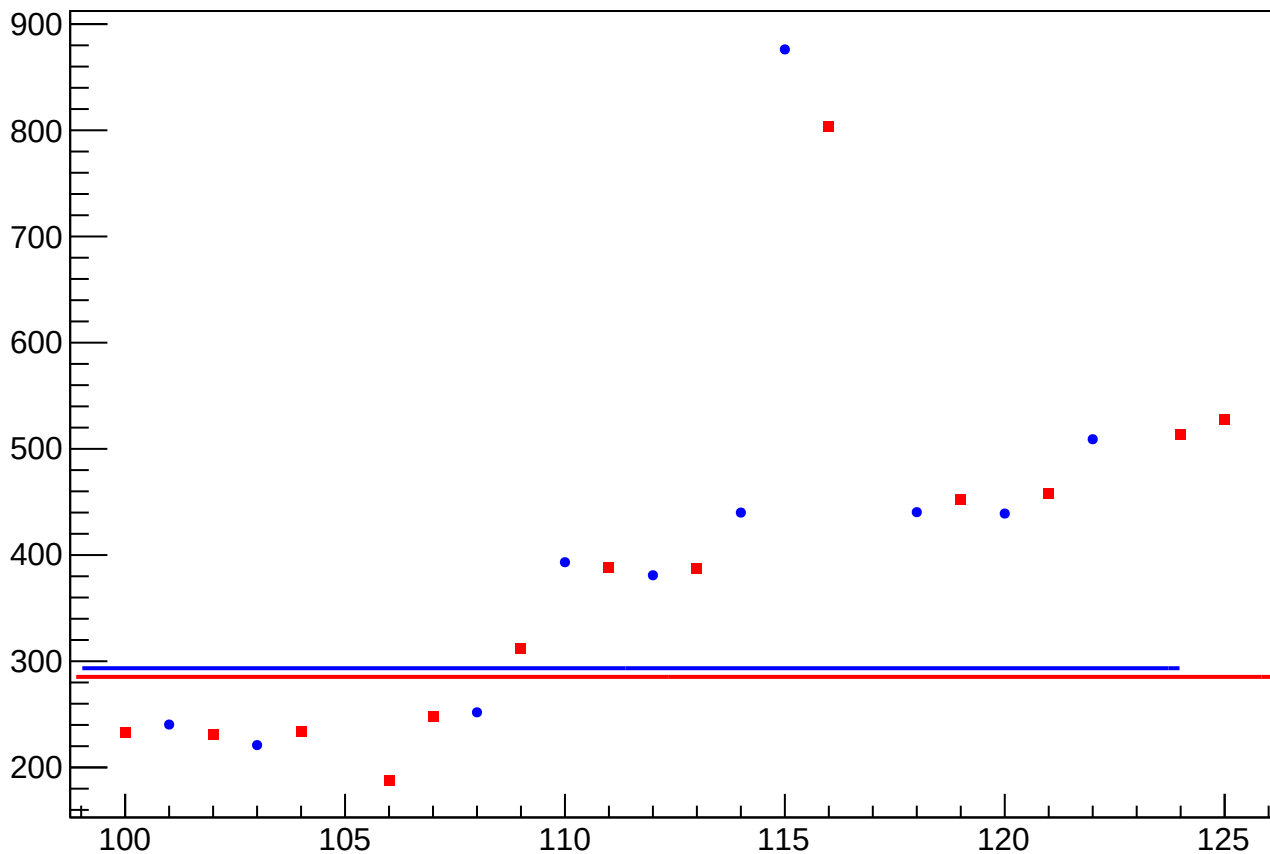
Right: -204.275 ± 101.448 χ^2/NDF : 16.6/22

In: -150.888 ± 152.955 χ^2/NDF : 5.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -204.275 ± 101.448 χ^2/NDF : 16.6/22

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: 285.269+/-0.096 χ^2/NDF : 1149309.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

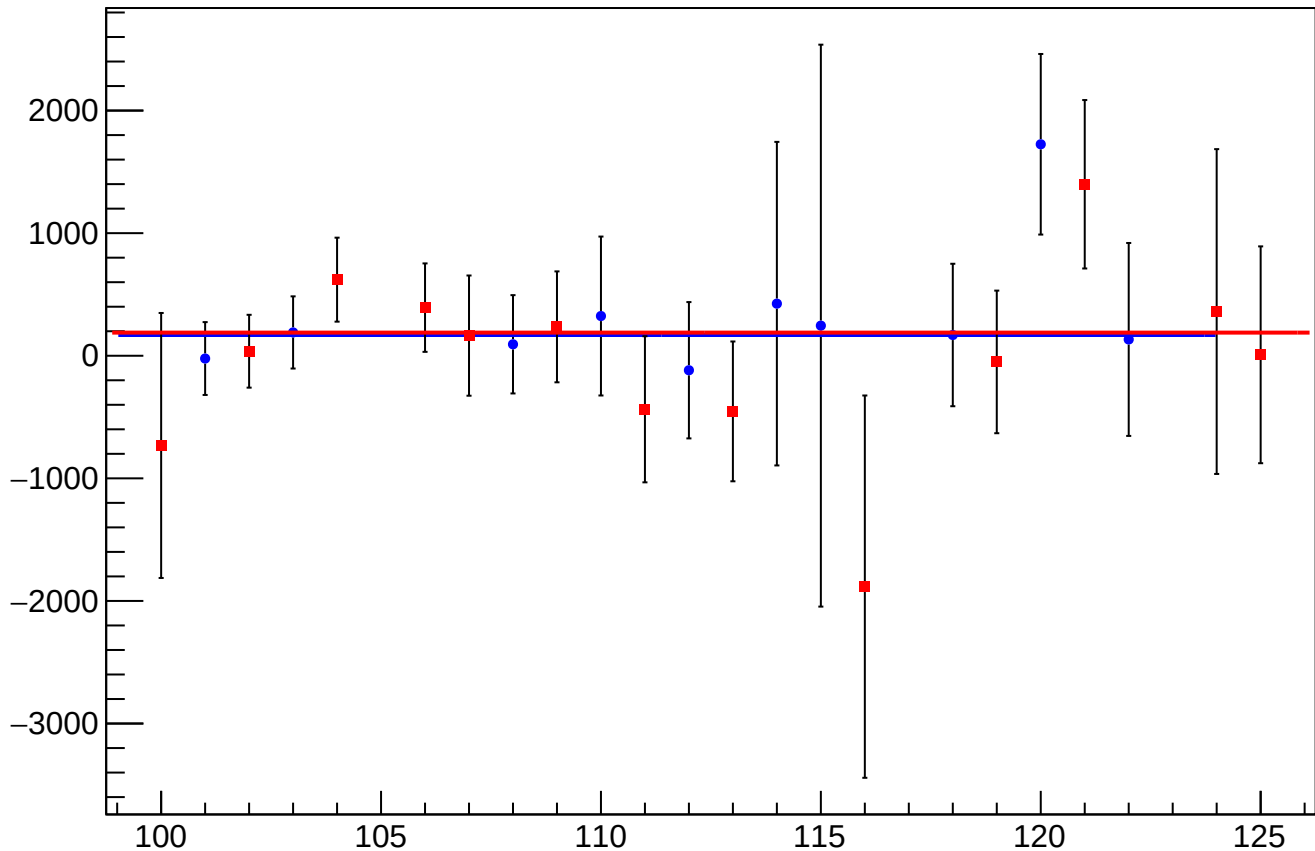
Right: 288.861+/-0.072 χ^2/NDF : 1964731.0/22

In: 293.433+/-0.108 χ^2/NDF :812230.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 288.861+/-0.072 χ^2/NDF : 1964731.0/22

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: 188.787 $\pm$ 140.483 χ^2 /NDF: 10.4/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

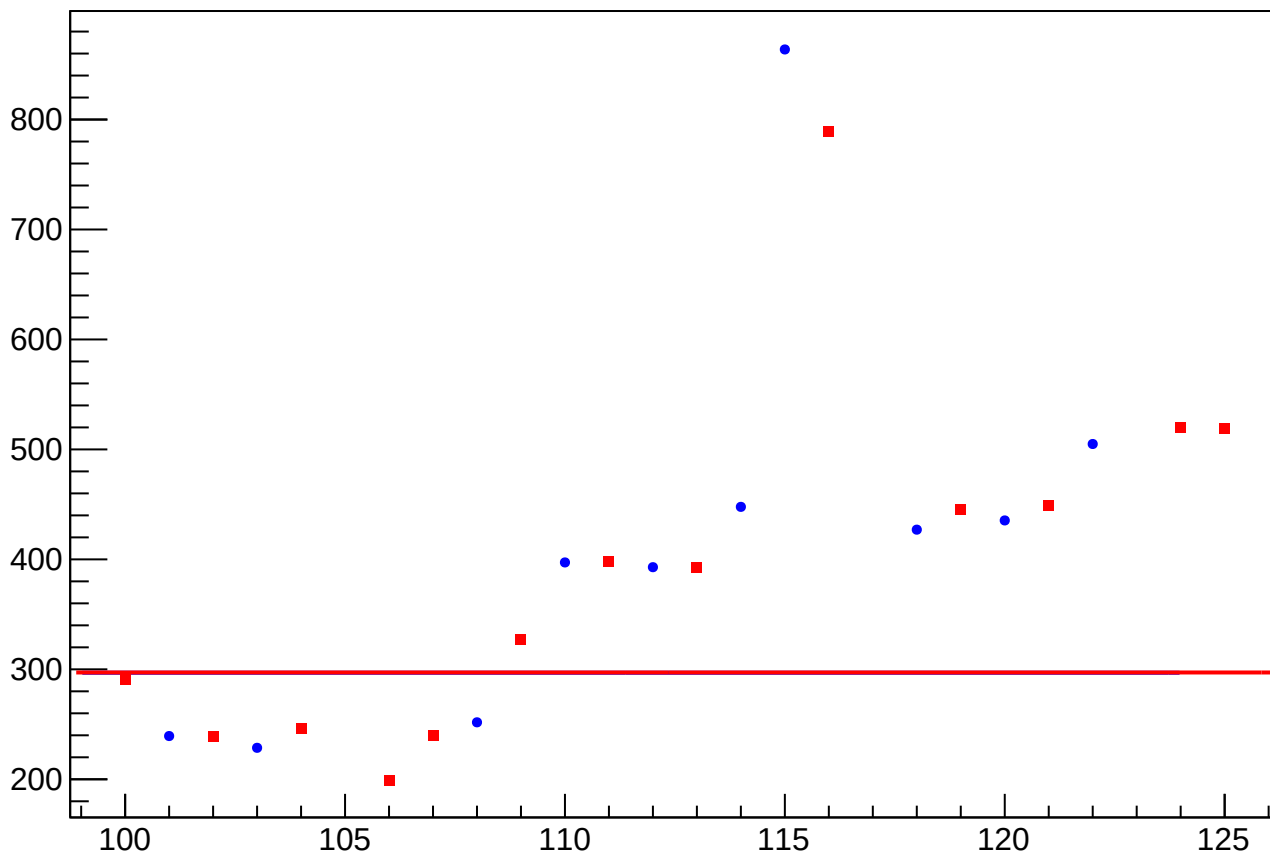
Right: 180.002 $\pm$ 103.939 χ^2 /NDF: 15.7/22

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: 180.002 $\pm$ 103.939 χ^2 /NDF: 15.7/22

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: 297.137+/-0.099 χ^2/NDF : 1027188.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

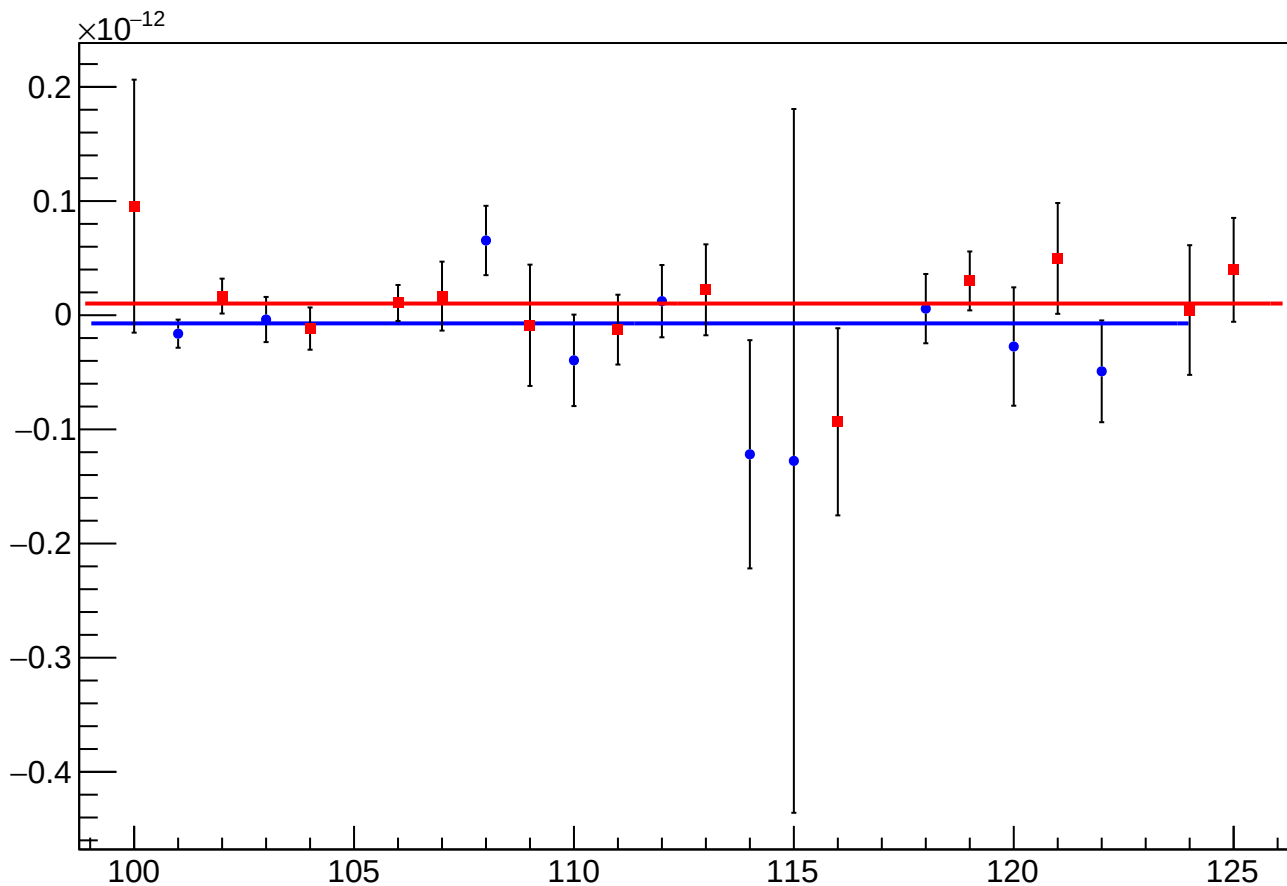
Right: 297.029+/-0.073 χ^2/NDF : 1801958.8/22

In: 296.899+/-0.109 χ^2/NDF : 774767.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 297.029+/-0.073 χ^2/NDF : 1801958.8/22

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 : 6.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

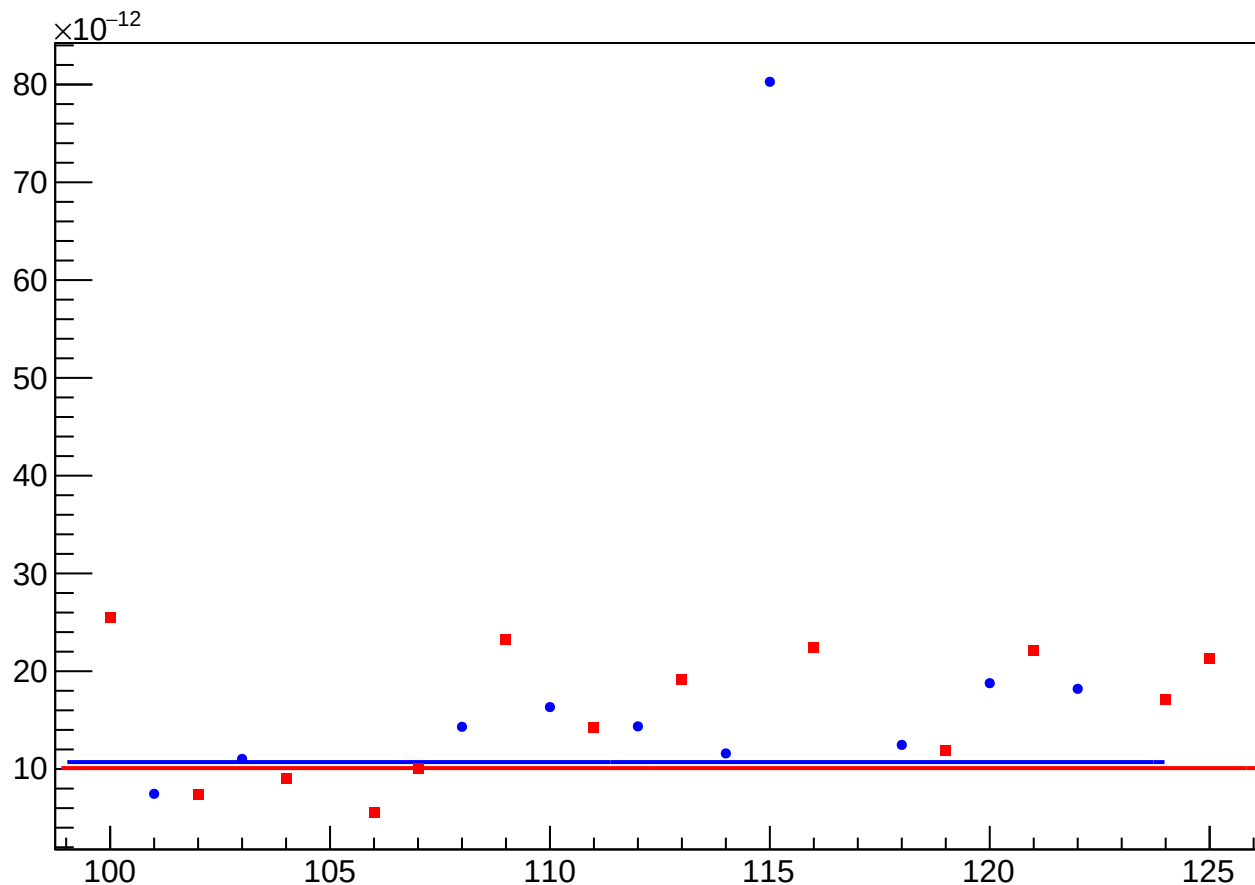
Right: 0.000+/-0.000 χ^2/NDF : 18.6/22

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 : 18.6/22

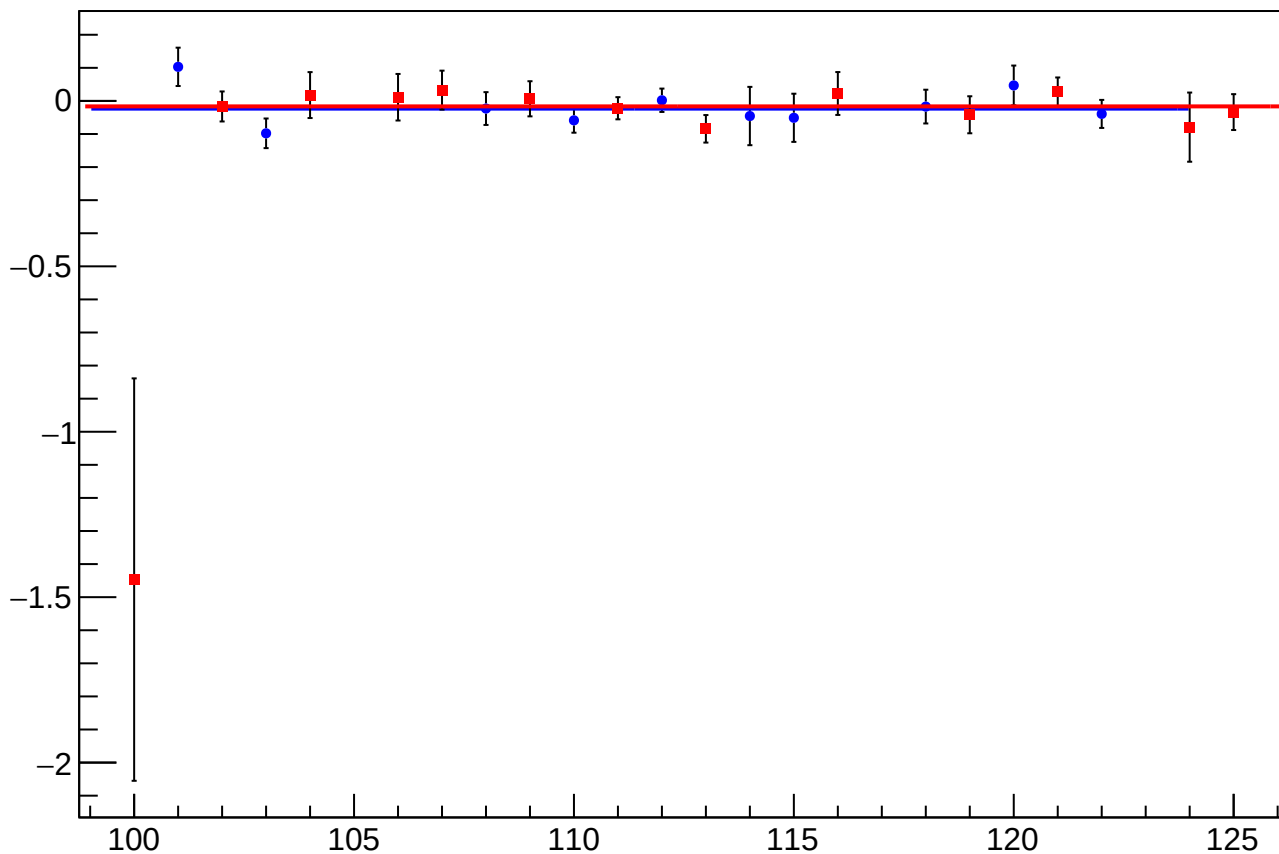
asym_sam_37_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 868836.8/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1321926.9/22
 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 : 1321926.9/22

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: -0.017+/-0.015 χ^2 /NDF: 11.6/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

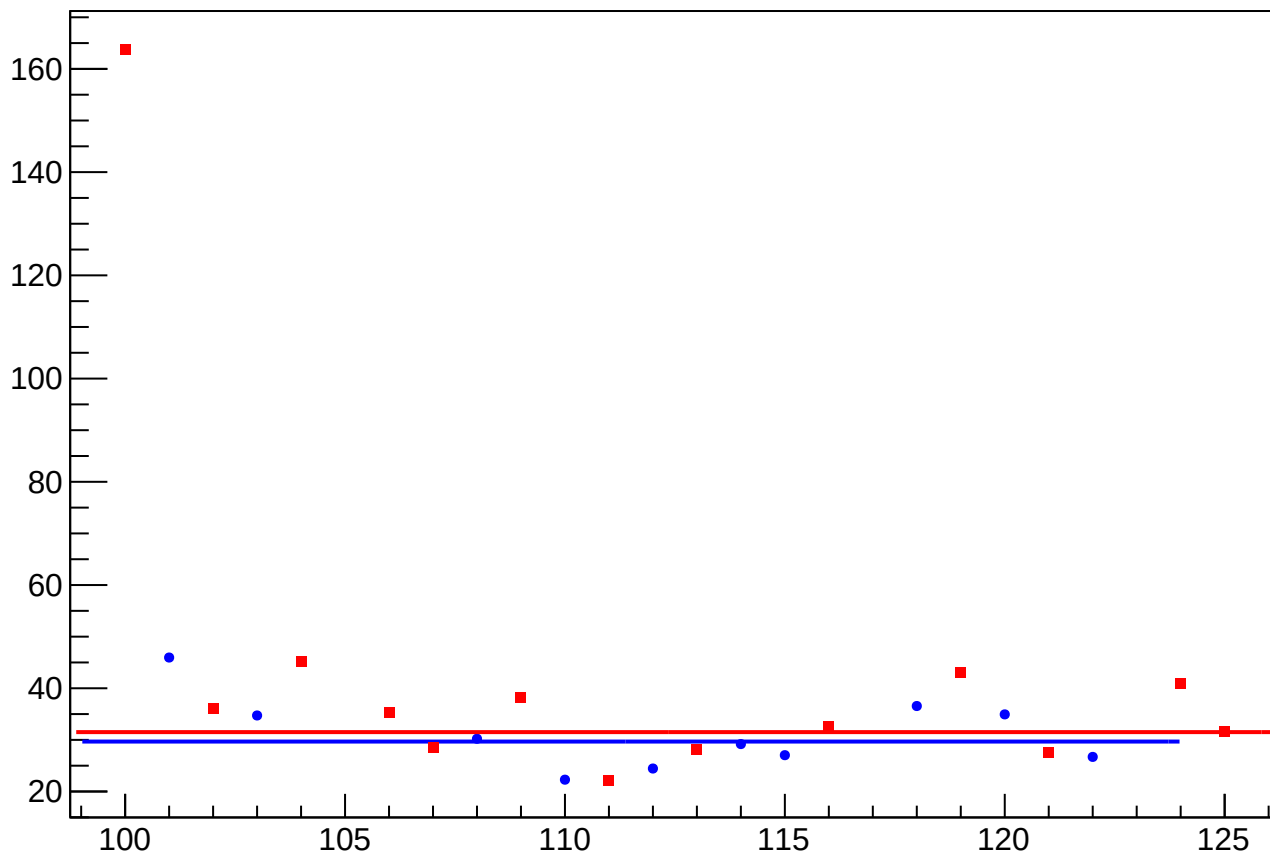
Right: -0.020+/-0.011 χ^2 /NDF: 22.3/22

In: -0.023+/-0.015 χ^2 /NDF:10.7/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.020+/-0.011 χ^2 /NDF: 22.3/22

asym_sam_37_48_dd_dit_vs_Slug, Sign Corrected



Right In: 29.676 ± 0.011 $\chi^2/\text{NDF}: 369647.4/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 31.505 ± 0.011 $\chi^2/\text{NDF}: 524203.7/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

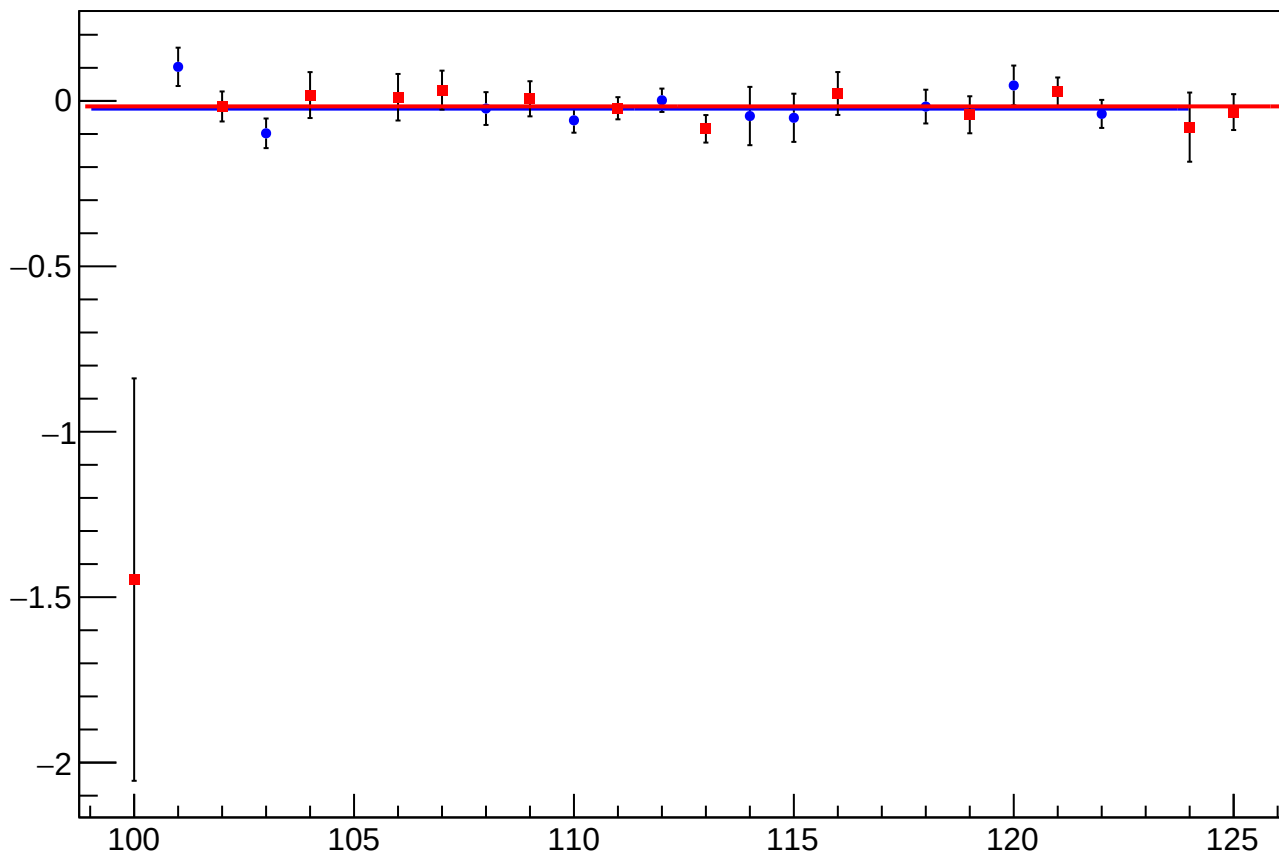
Right: 30.620 ± 0.008 $\chi^2/\text{NDF}: 908552.5/22$

In: 29.676 ± 0.011 $\chi^2/\text{NDF}: 369647.4/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 30.620 ± 0.008 $\chi^2/\text{NDF}: 908552.5/22$

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: -0.017+/-0.015 χ^2/NDF : 11.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

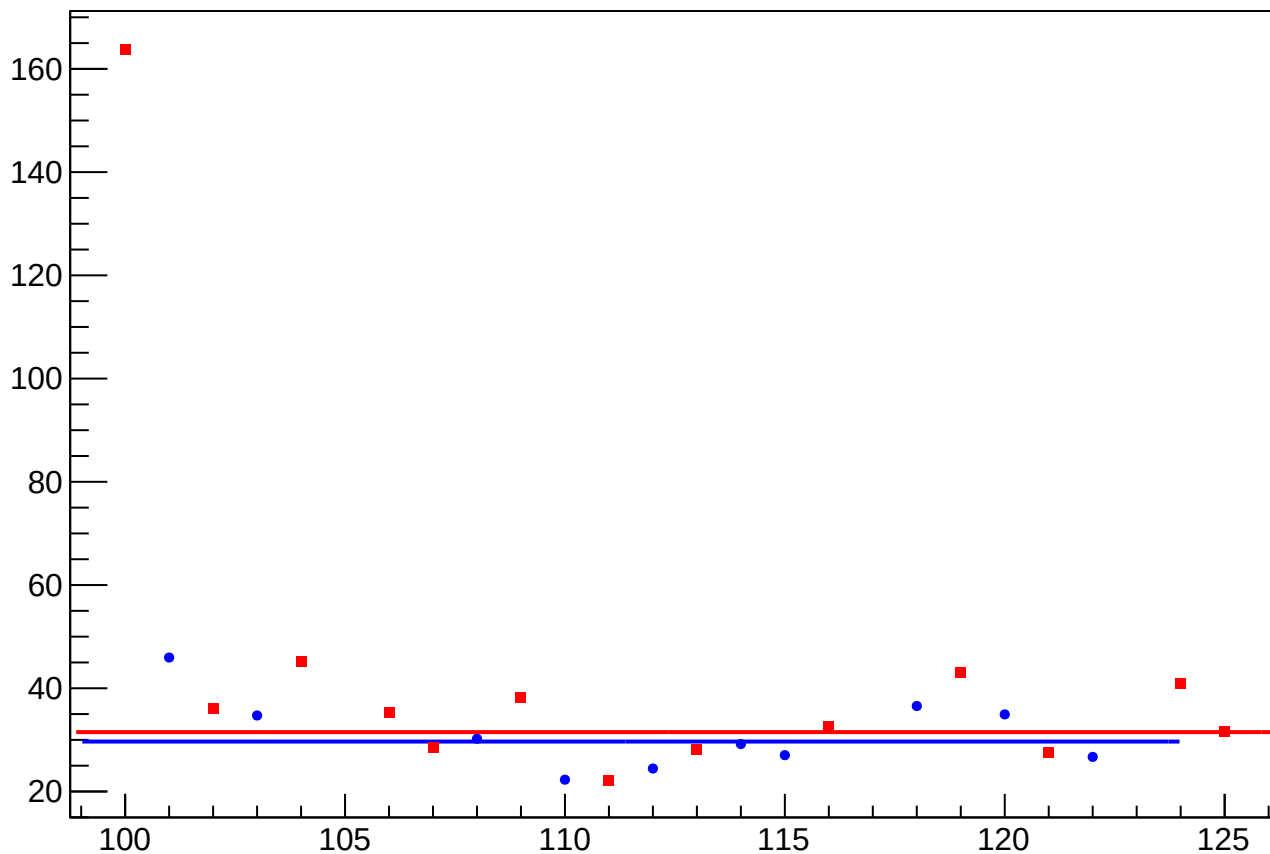
Right: -0.020+/-0.011 χ^2/NDF : 22.3/22

In: -0.023+/-0.015 χ^2/NDF :10.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.020+/-0.011 χ^2/NDF : 22.3/22

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.676+/-0.011 χ^2/NDF : 369647.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 31.505+/-0.011 χ^2/NDF : 524203.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

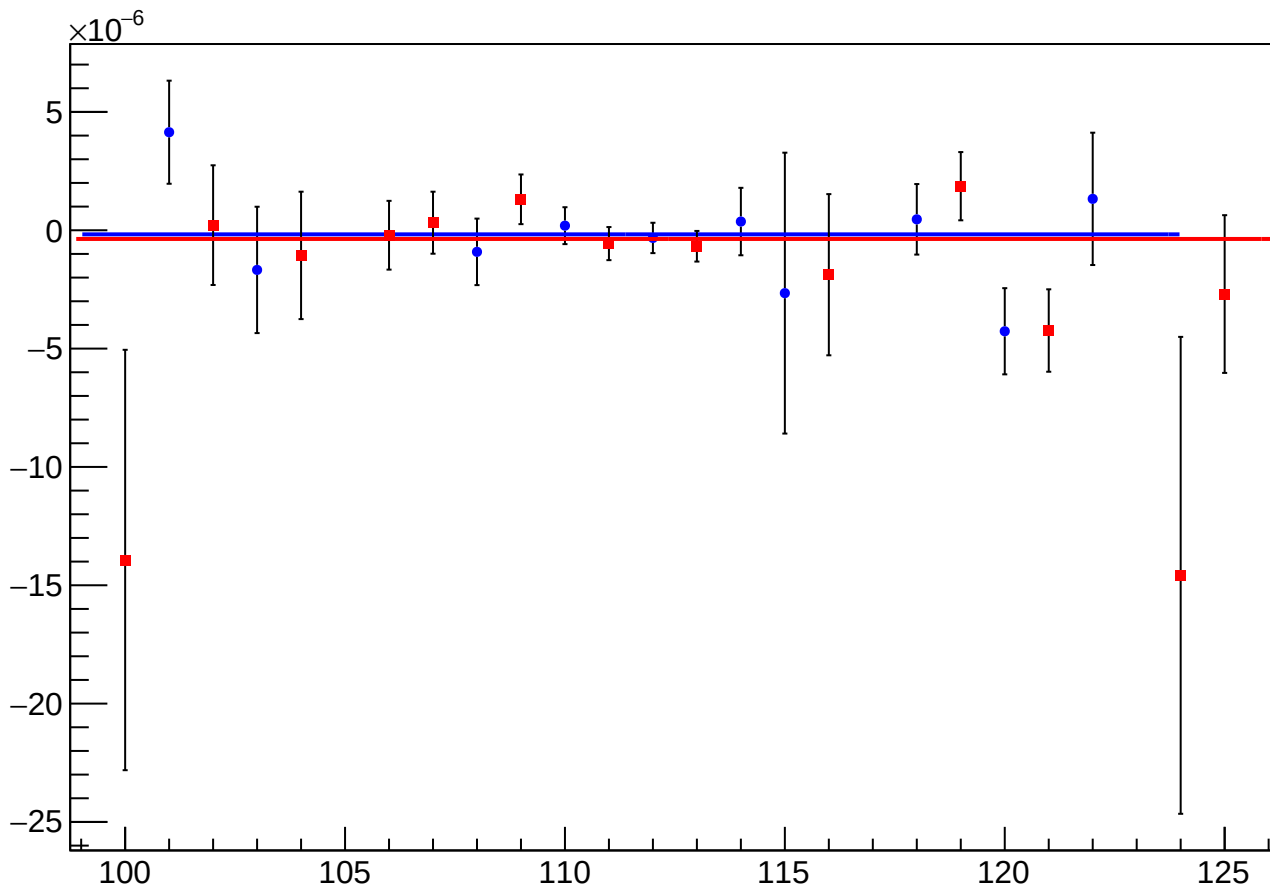
Right: 30.620+/-0.008 χ^2/NDF : 908552.5/22

In: 29.676+/-0.011 χ^2/NDF :369647.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 30.620+/-0.008 χ^2/NDF : 908552.5/22

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

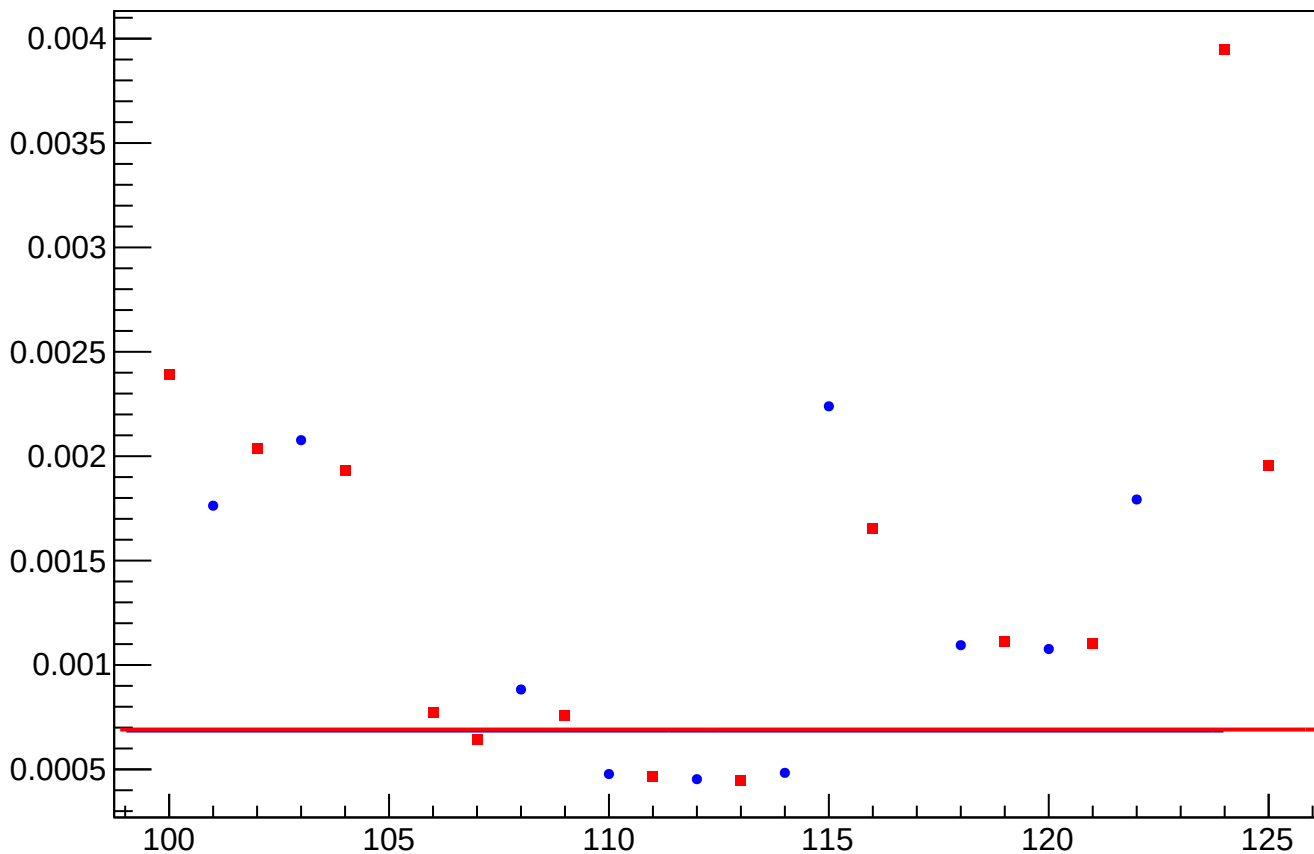
Right: -0.000+/-0.000 χ^2/NDF : 26.4/22

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 : 26.4/22

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 : 2516171.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

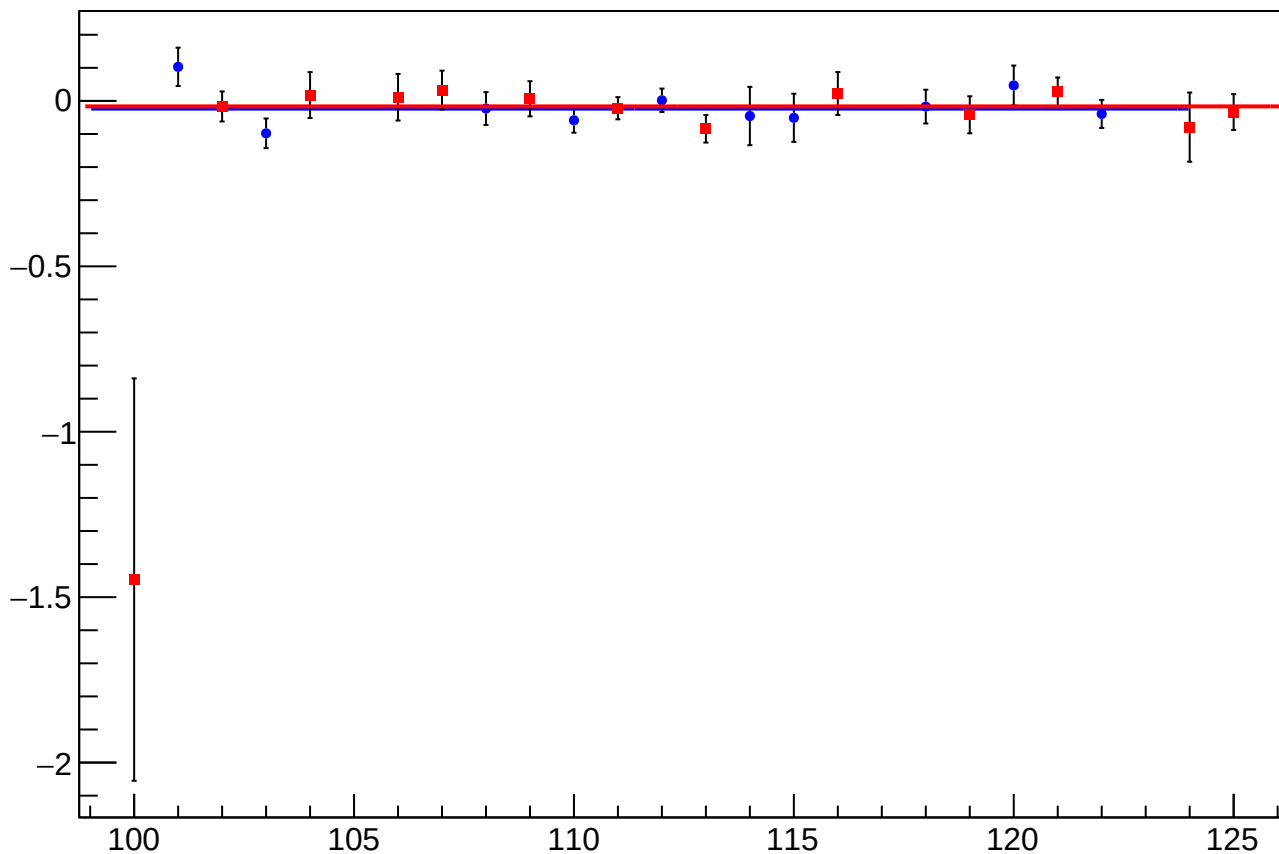
Right: 0.001+/-0.000 χ^2/NDF : 4727439.1/22

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 : 4727439.1/22

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.023+/-0.015 χ^2/NDF : 10.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.017+/-0.015 χ^2/NDF : 11.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

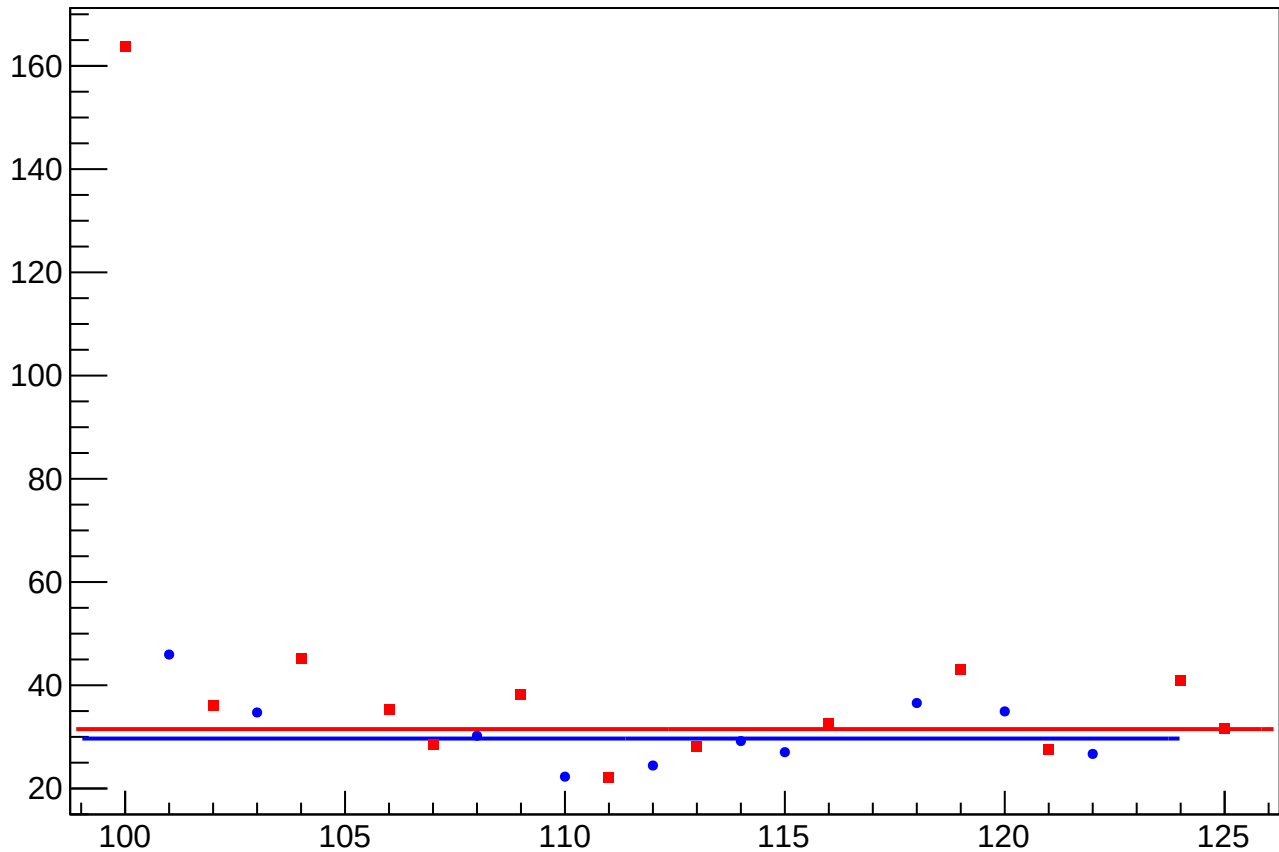
Right: -0.020+/-0.011 χ^2/NDF : 22.3/22

In: -0.023+/-0.015 χ^2/NDF :10.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.020+/-0.011 χ^2/NDF : 22.3/22

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: 31.506+/-0.011 χ^2/NDF : 524209.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

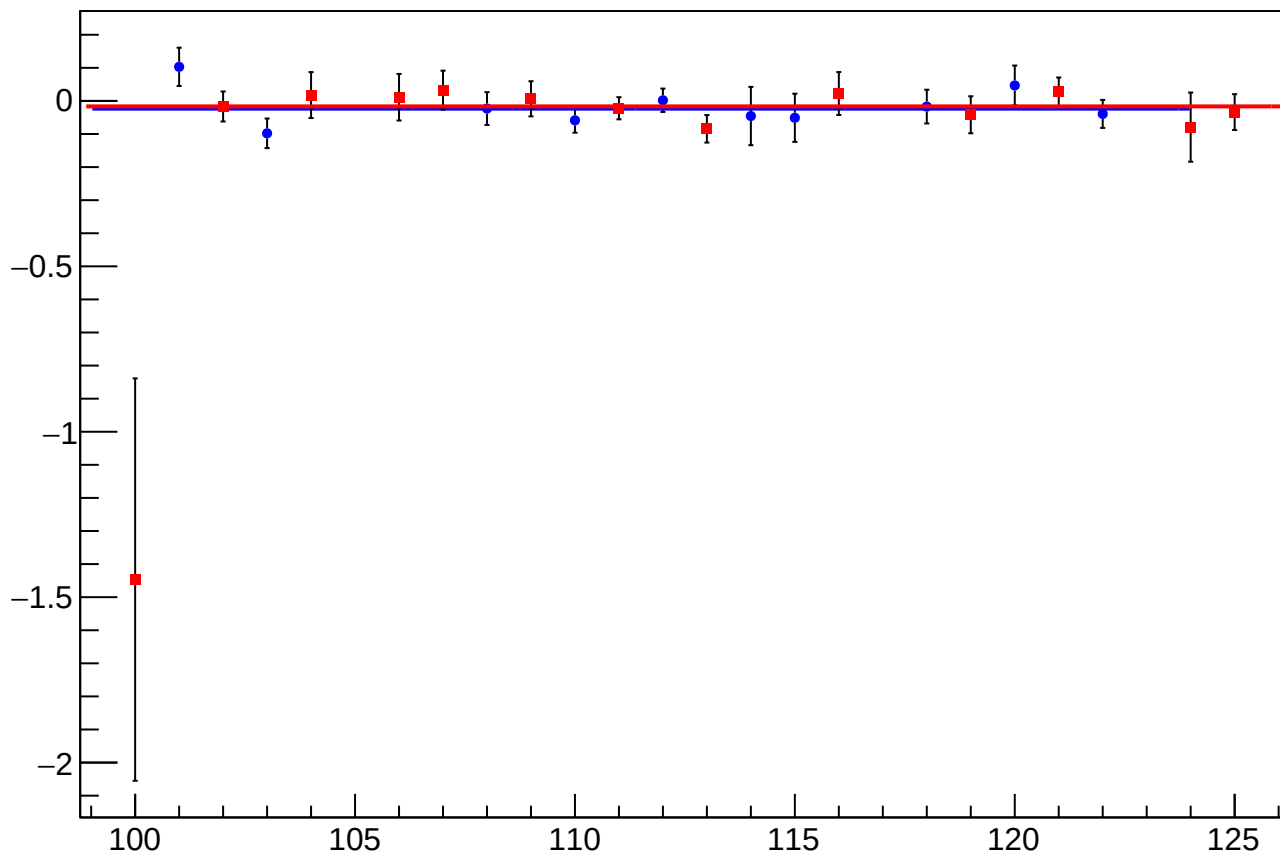
Right: 30.620+/-0.008 χ^2/NDF : 908555.9/22

In: 29.676+/-0.011 χ^2/NDF :369643.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 30.620+/-0.008 χ^2/NDF : 908555.9/22

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: -0.017 ± 0.015 χ^2/NDF : 11.6/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

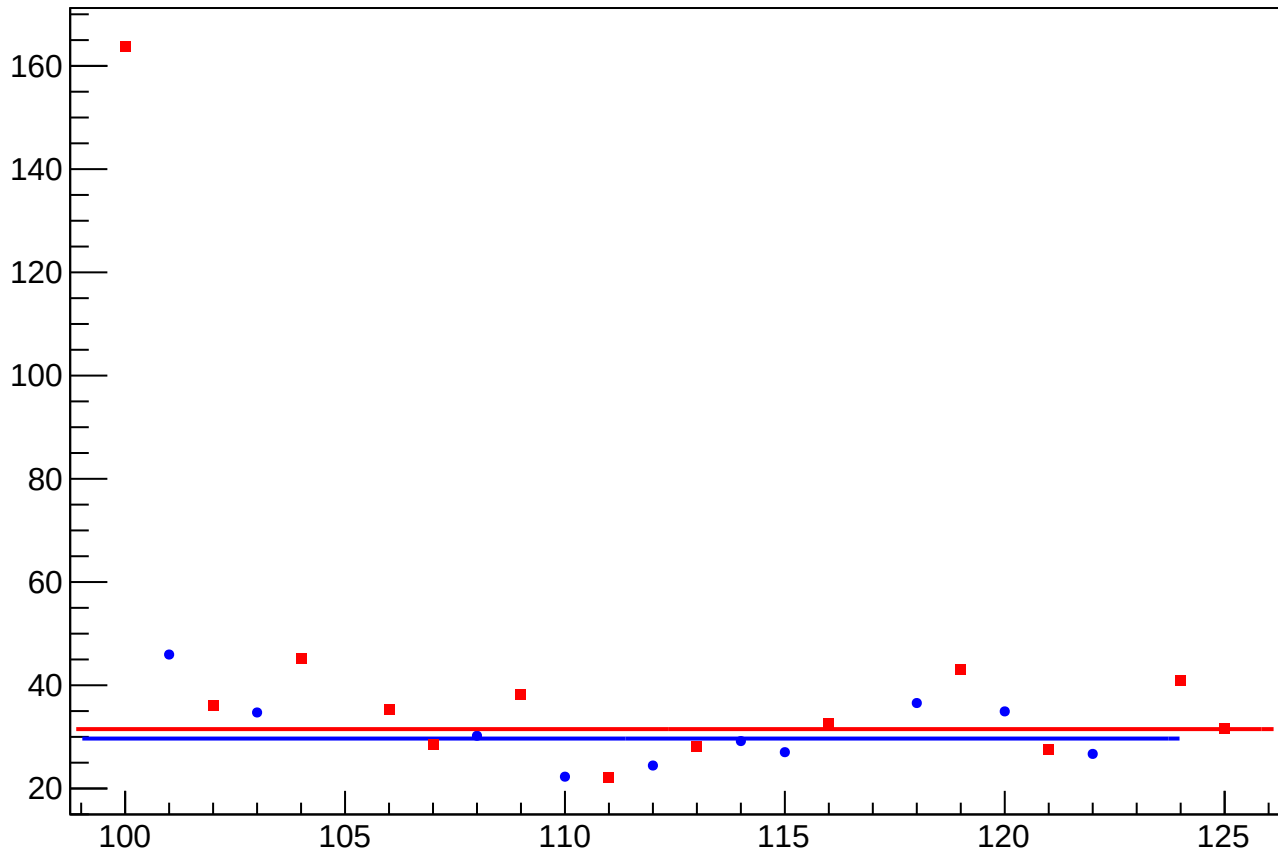
Right: -0.020 ± 0.011 χ^2/NDF : 22.3/22

In: -0.023 ± 0.015 χ^2/NDF : 10.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.020 ± 0.011 χ^2/NDF : 22.3/22

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.676 $\pm$ 0.011 χ^2 /NDF: 369643.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 31.506 $\pm$ 0.011 χ^2 /NDF: 524209.1/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

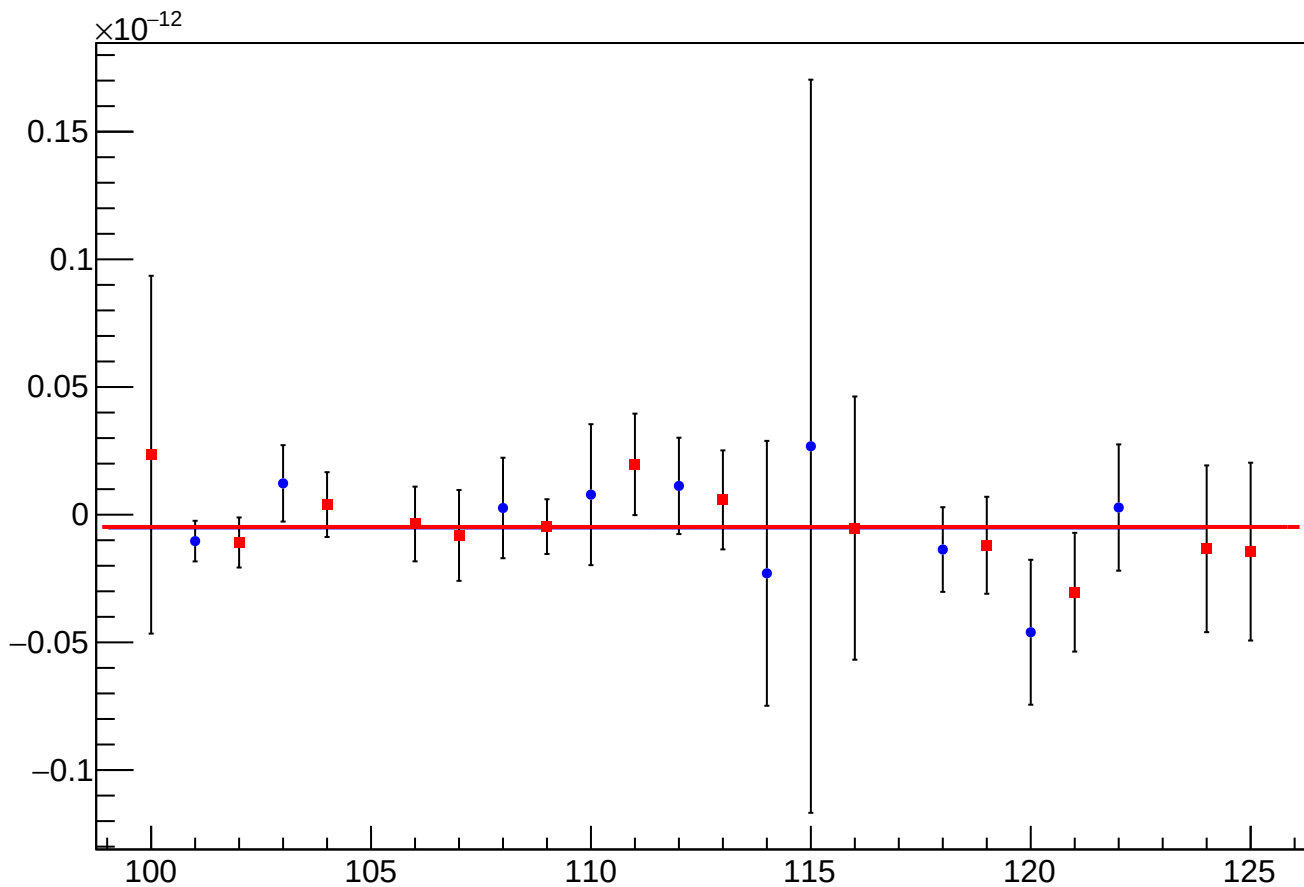
Right: 30.620 $\pm$ 0.008 χ^2 /NDF: 908555.9/22

In: 29.676 $\pm$ 0.011 χ^2 /NDF:369643.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 30.620 $\pm$ 0.008 χ^2 /NDF: 908555.9/22

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 : 4.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

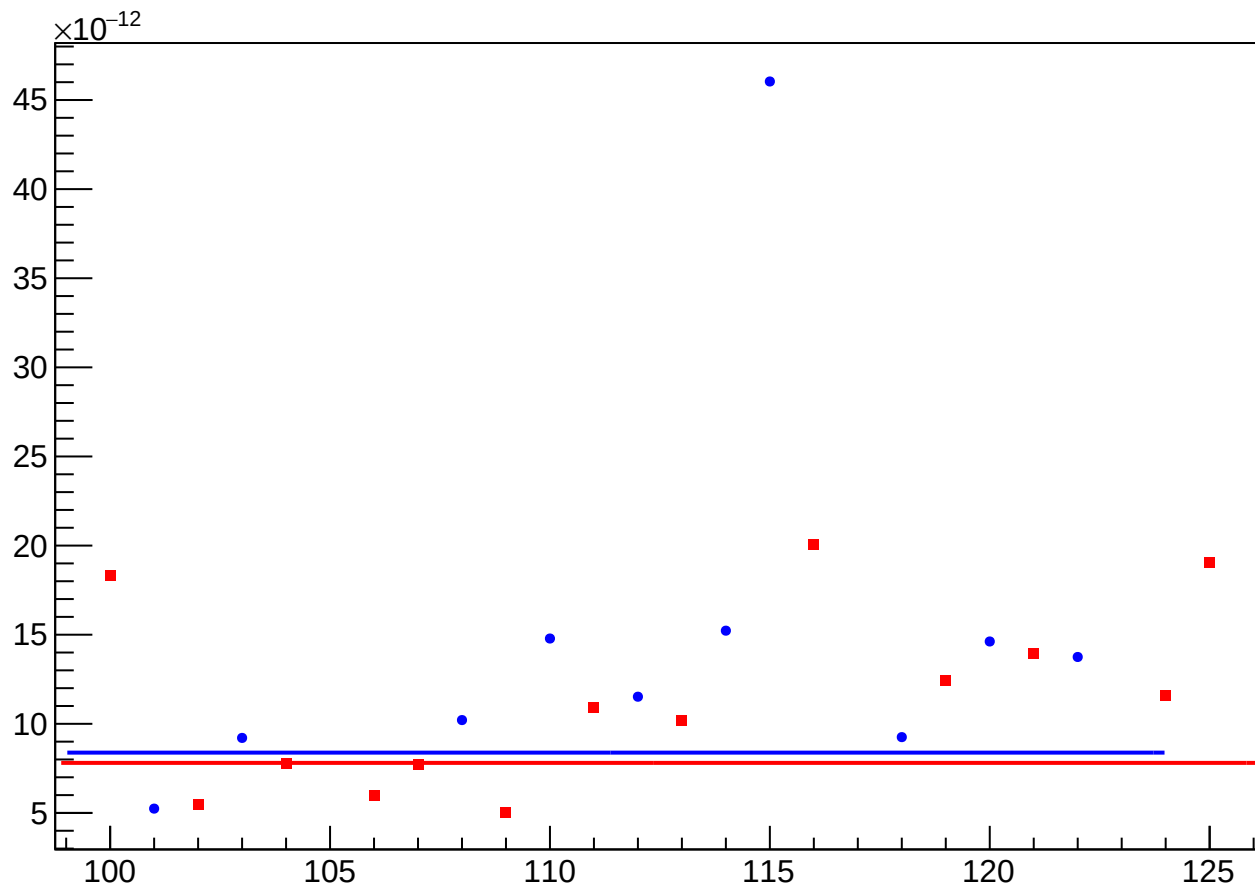
Right: -0.000+/-0.000 χ^2/NDF : 9.9/22

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 : 9.9/22

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 : 1010526.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

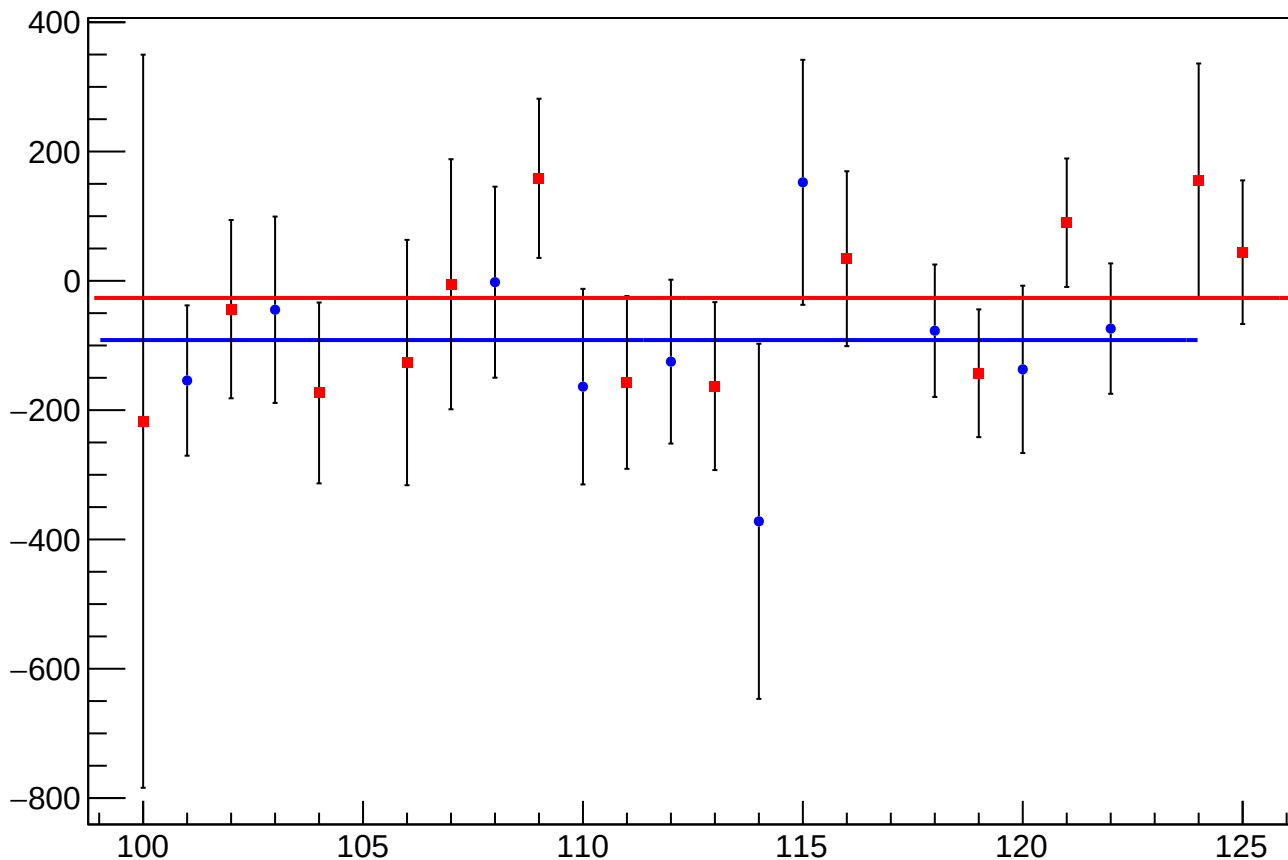
Right: 0.000+/-0.000 χ^2/NDF : 1890332.7/22

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 : 1890332.7/22

reg_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -91.617 $\pm$ 41.945 χ^2/NDF : 3.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -26.457 $\pm$ 37.465 χ^2/NDF : 10.2/12

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

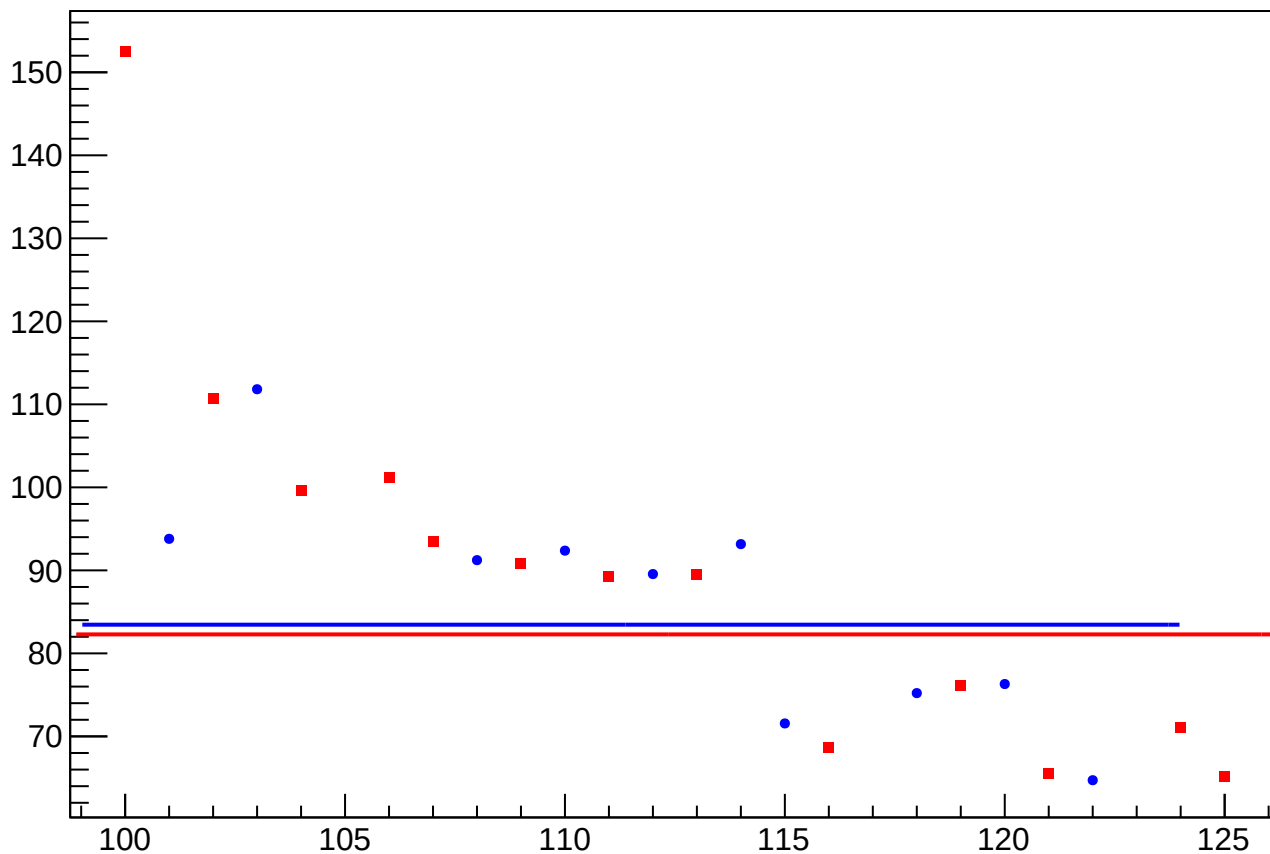
Right: -55.372 $\pm$ 27.942 χ^2/NDF : 15.5/22

In: -91.617 $\pm$ 41.945 χ^2/NDF : 3.9/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -55.372 $\pm$ 27.942 χ^2/NDF : 15.5/22

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: 82.286+/-0.026 χ^2/NDF : 334333.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

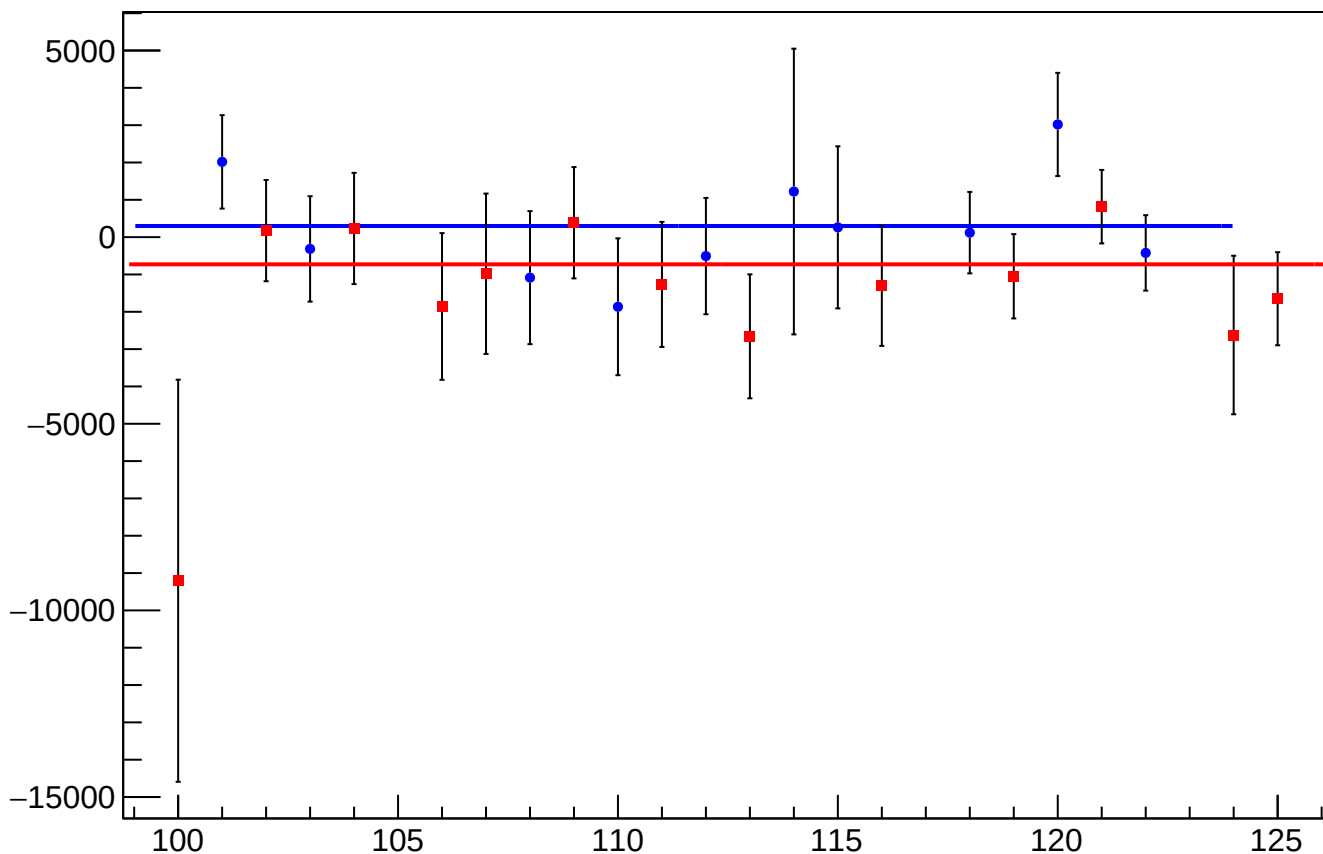
Right: 82.805+/-0.020 χ^2/NDF : 544101.0/22

In: 83.457+/-0.030 χ^2/NDF : 208900.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.805+/-0.020 χ^2/NDF : 544101.0/22

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: -728.524+/-417.317 χ^2/NDF : 9.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

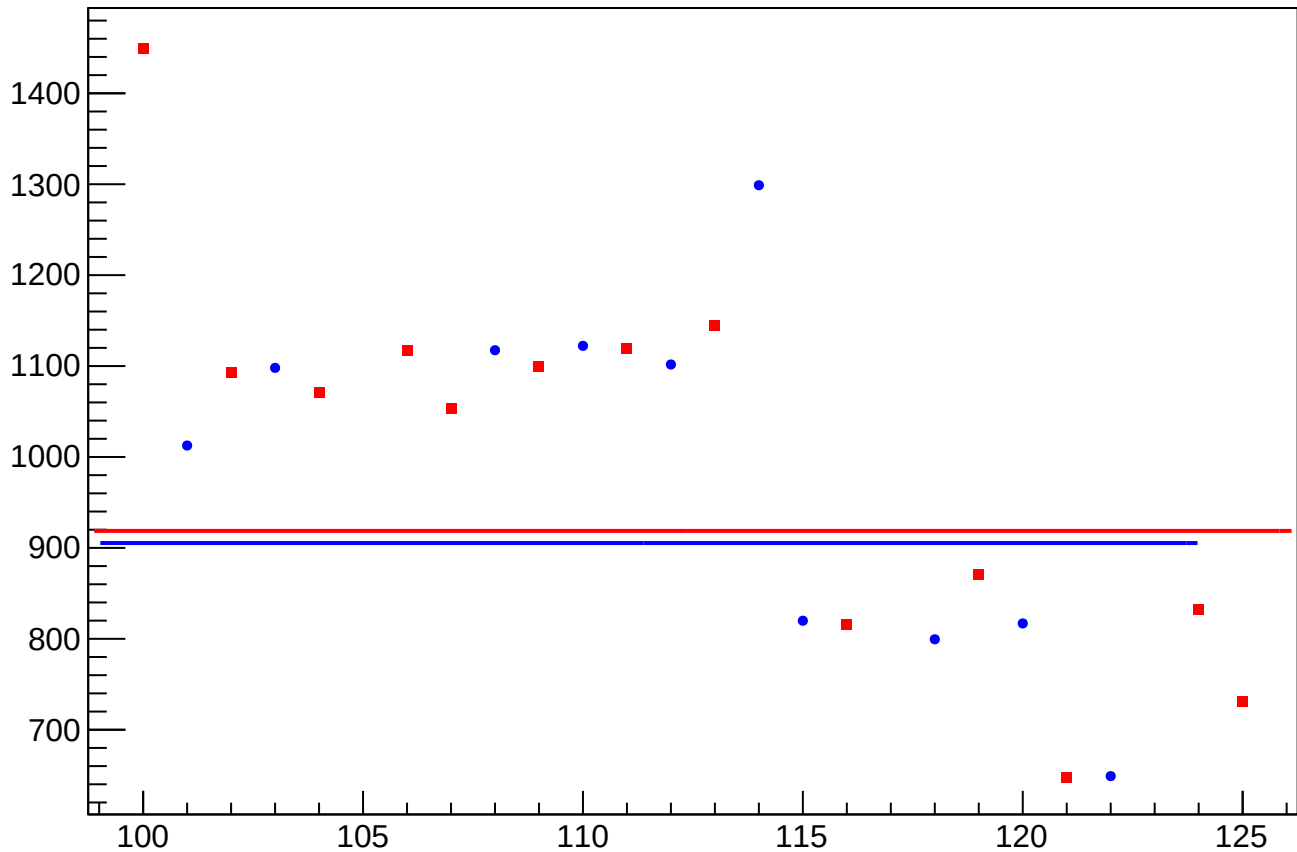
Right: -261.587+/-308.192 χ^2/NDF : 21.3/22

In: 298.600+/-457.092 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -261.587+/-308.192 χ^2/NDF : 21.3/22

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: 918.714+/-0.295 χ^2/NDF : 408361.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

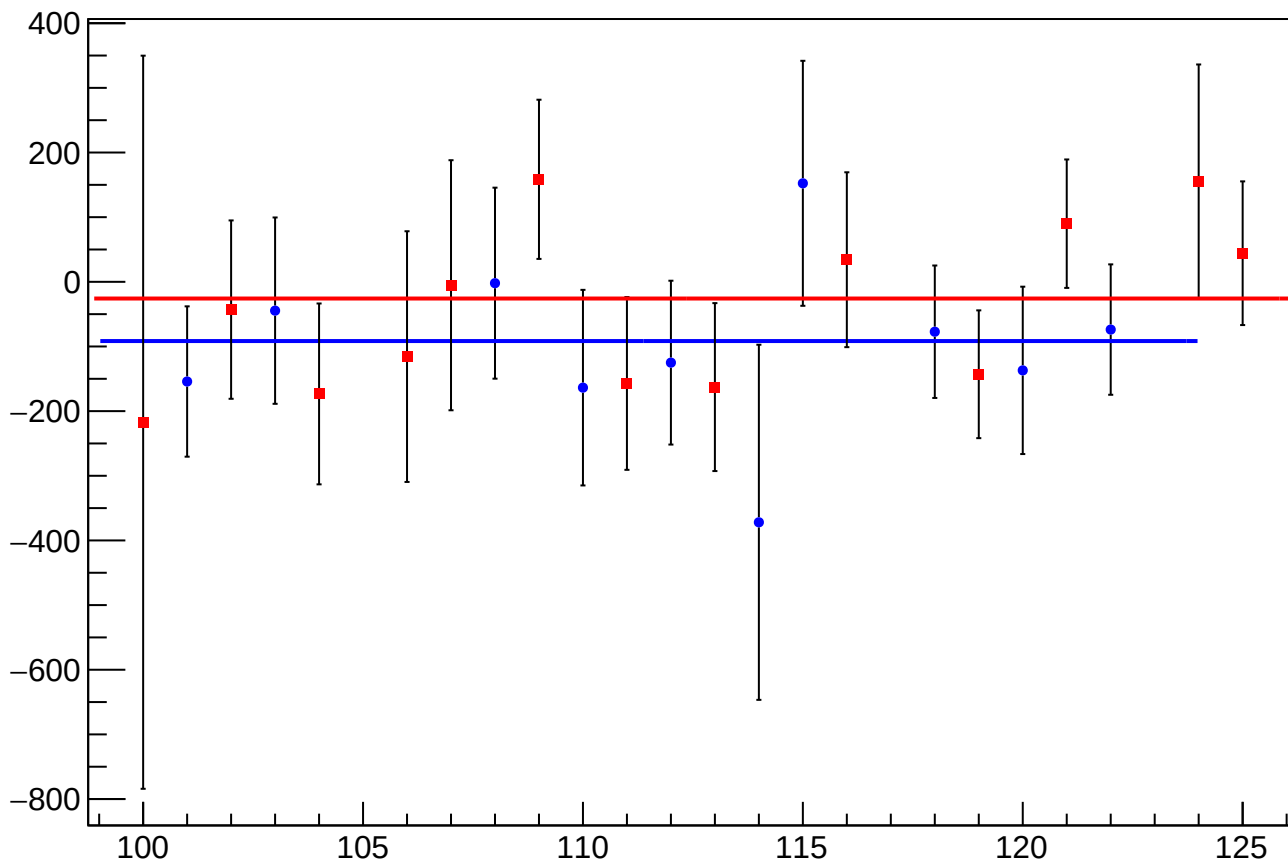
Right: 912.630+/-0.218 χ^2/NDF : 729317.6/22

In: 905.331+/-0.323 χ^2/NDF : 320021.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 912.630+/-0.218 χ^2/NDF : 729317.6/22

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: -25.826 $\pm$ 37.497 χ^2 /NDF: 10.1/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

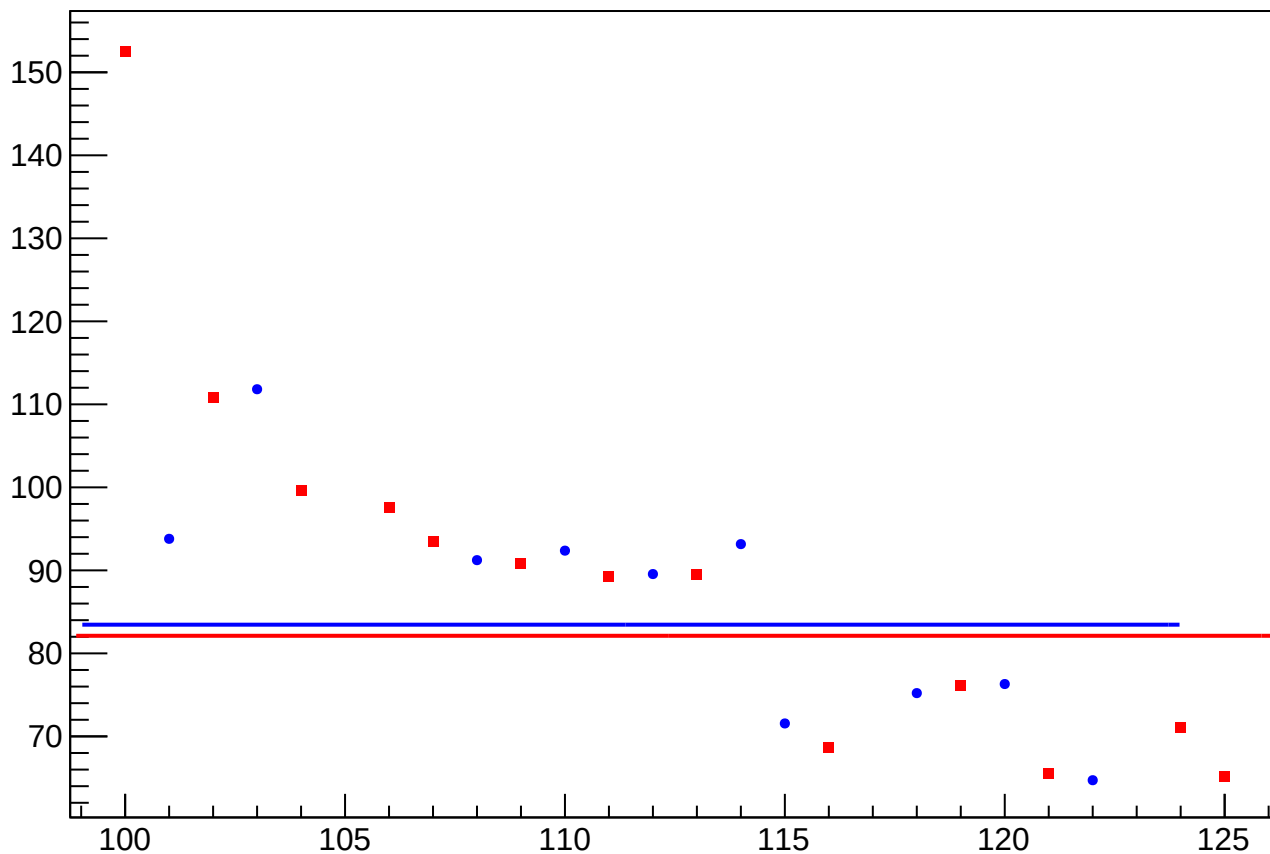
Right: -55.044 $\pm$ 27.955 χ^2 /NDF: 15.4/22

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: -55.044 $\pm$ 27.955 χ^2 /NDF: 15.4/22

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: 82.119+/-0.027 χ^2/NDF : 327005.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

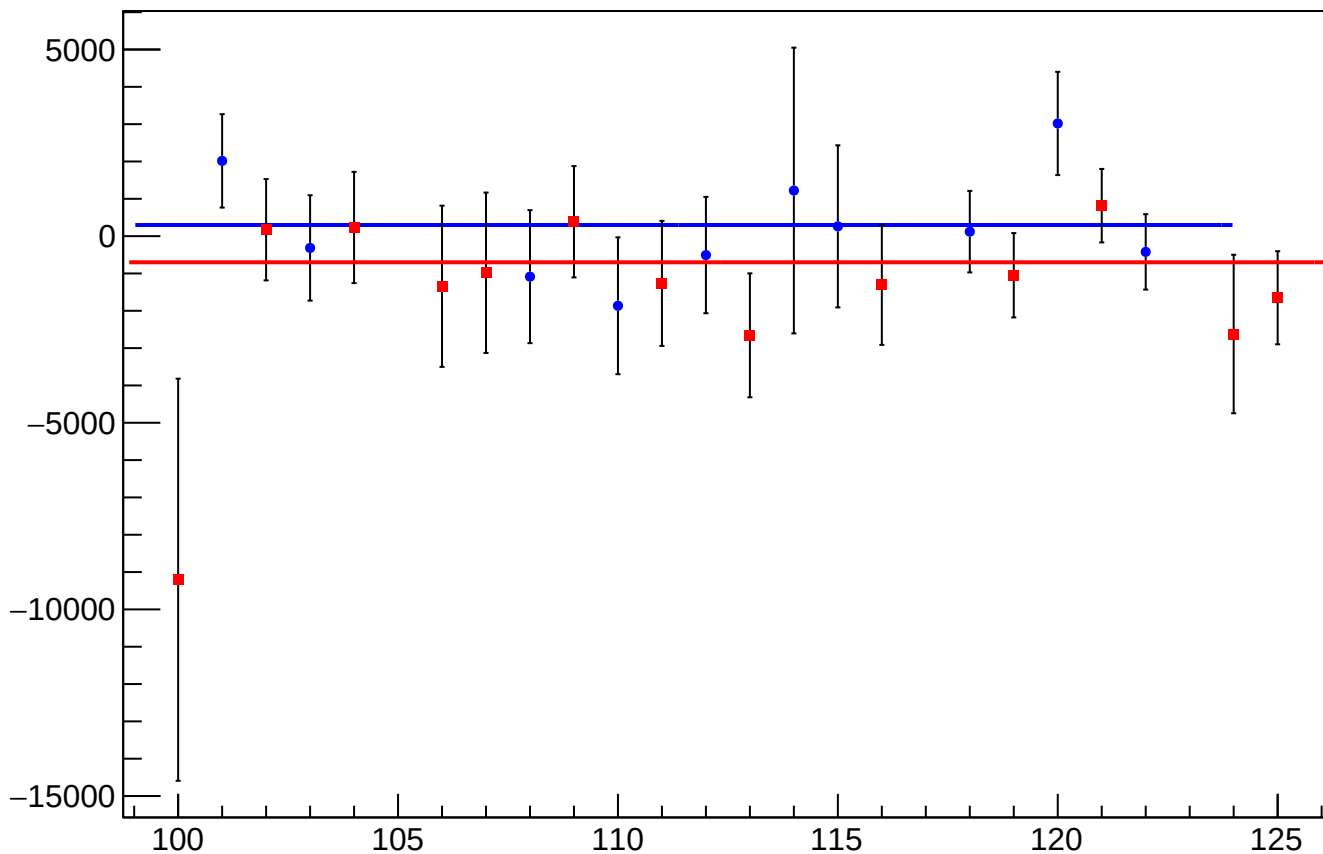
Right: 82.713+/-0.020 χ^2/NDF : 537038.8/22

In: 83.457+/-0.030 χ^2/NDF :208902.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 82.713+/-0.020 χ^2/NDF : 537038.8/22

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: -700.767+/-418.964 χ^2/NDF : 9.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

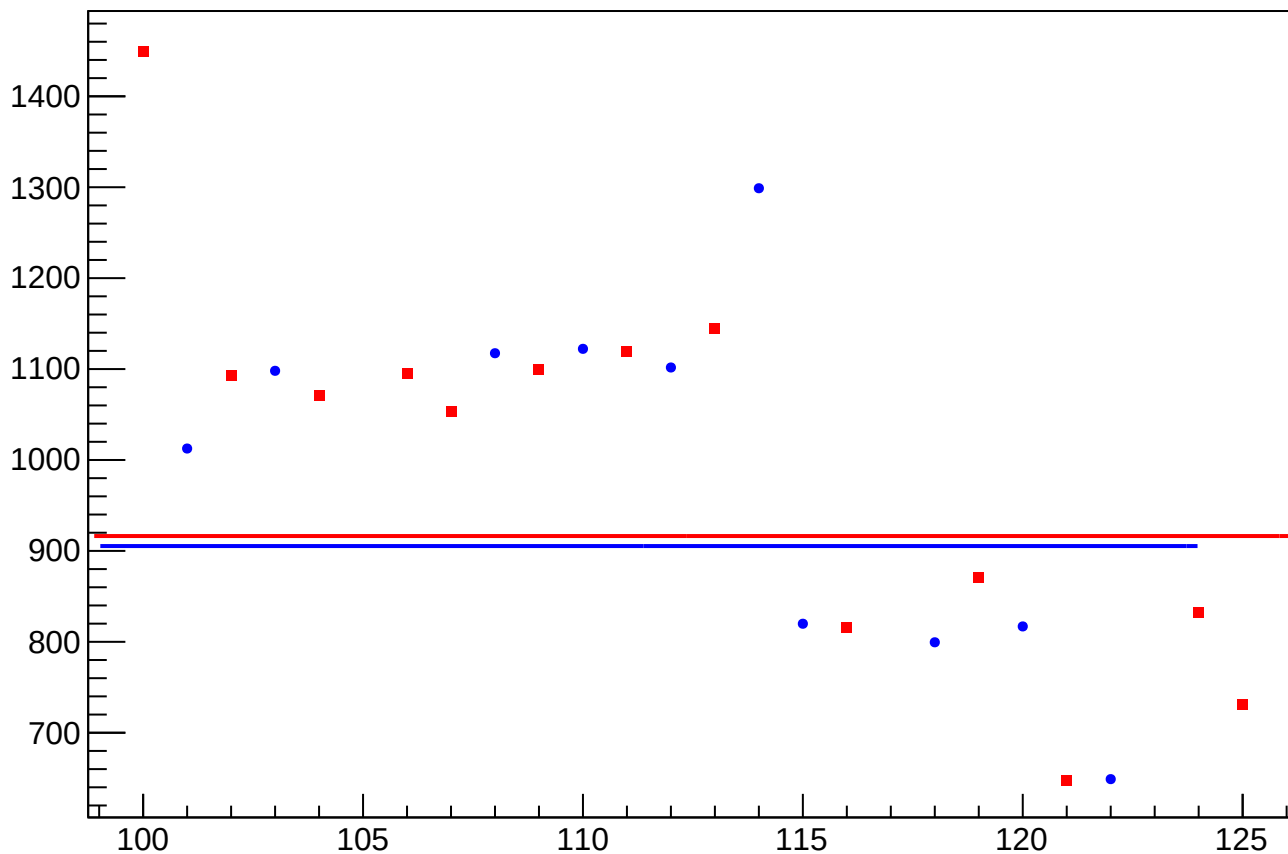
Right: -244.520+/-308.854 χ^2/NDF : 20.8/22

In: 298.553+/-457.094 χ^2/NDF :8.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -244.520+/-308.854 χ^2/NDF : 20.8/22

asym_sam_15_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 905.334 $\pm$ 0.323 χ^2 /NDF: 320040.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 916.348 $\pm$ 0.296 χ^2 /NDF: 401317.4/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

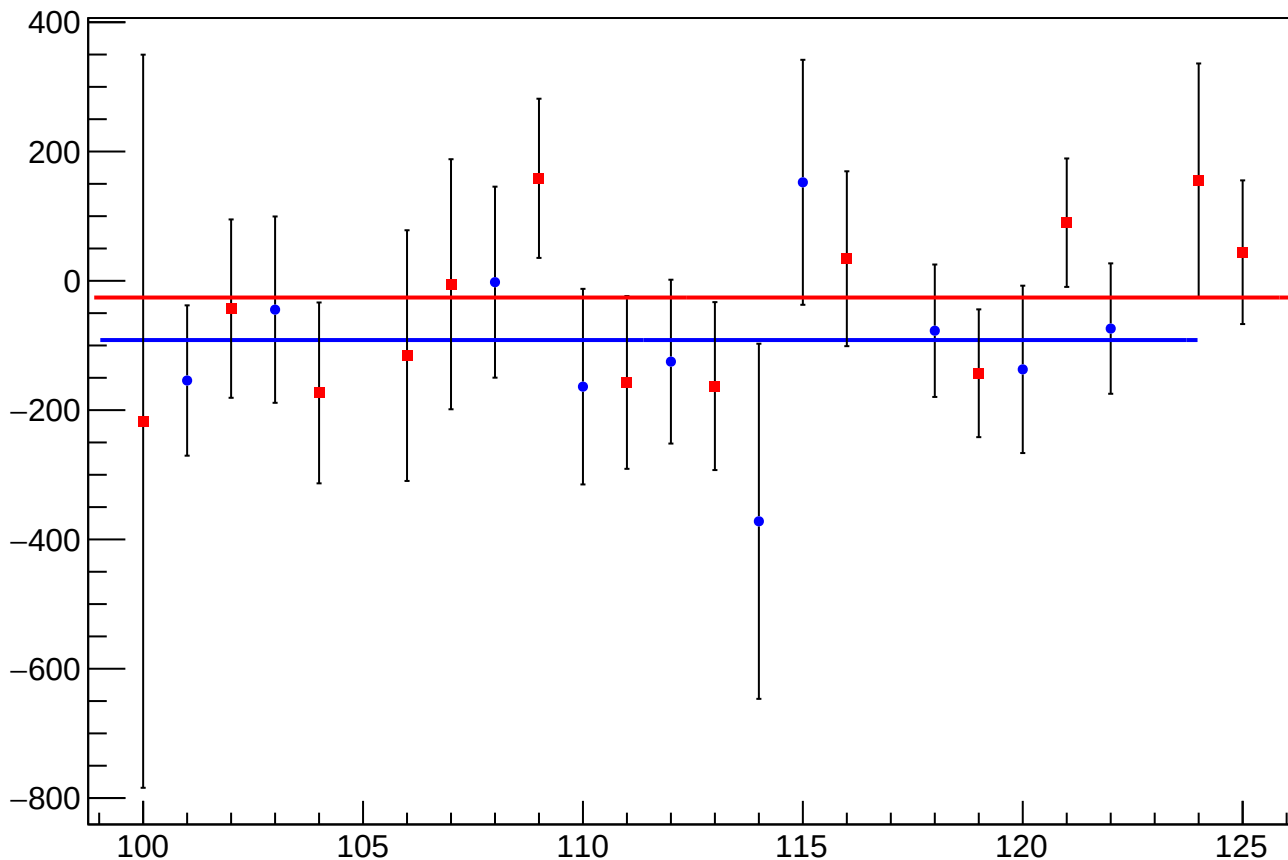
Right: 911.320 $\pm$ 0.218 χ^2 /NDF: 721988.8/22

In: 905.334 $\pm$ 0.323 χ^2 /NDF:320040.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 911.320 $\pm$ 0.218 χ^2 /NDF: 721988.8/22

eigen_cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -91.605+/-41.945 χ^2/NDF : 3.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -25.826+/-37.497 χ^2/NDF : 10.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

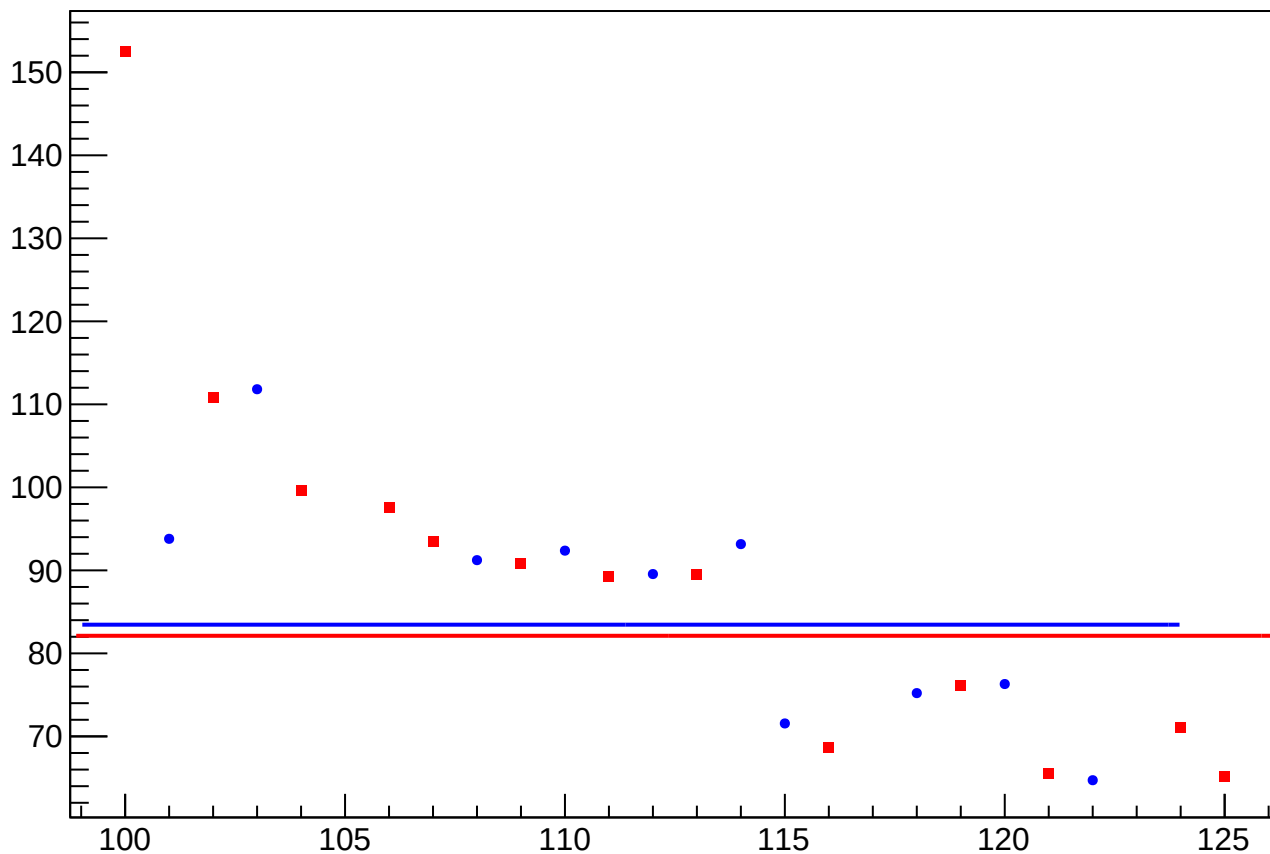
Right: -55.044+/-27.955 χ^2/NDF : 15.4/22

In: -91.605+/-41.945 χ^2/NDF :3.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -55.044+/-27.955 χ^2/NDF : 15.4/22

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: 82.119+/-0.027 χ^2/NDF : 327005.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

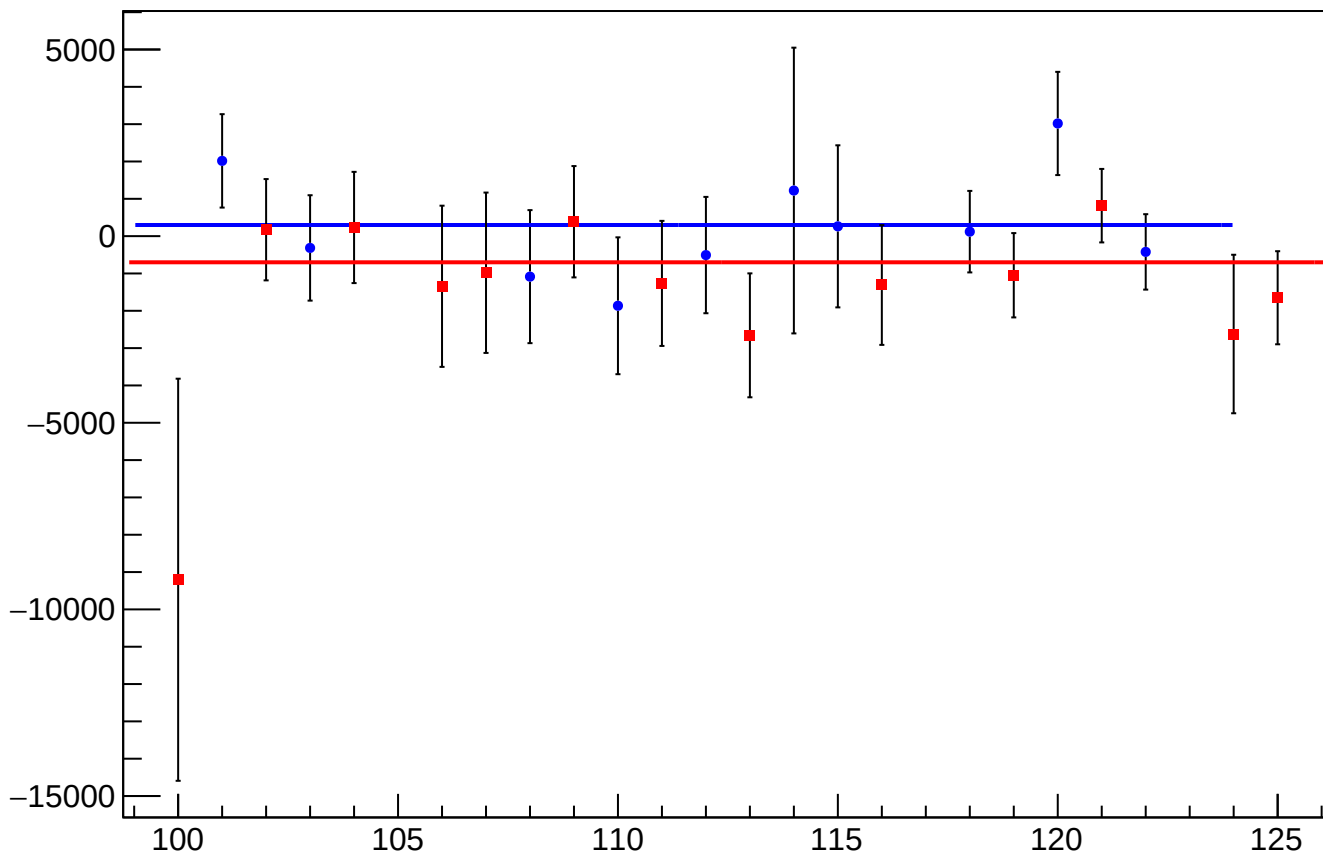
Right: 82.713+/-0.020 χ^2/NDF : 537038.8/22

In: 83.457+/-0.030 χ^2/NDF :208902.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 82.713+/-0.020 χ^2/NDF : 537038.8/22

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: -700.767+/-418.964 χ^2/NDF : 9.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

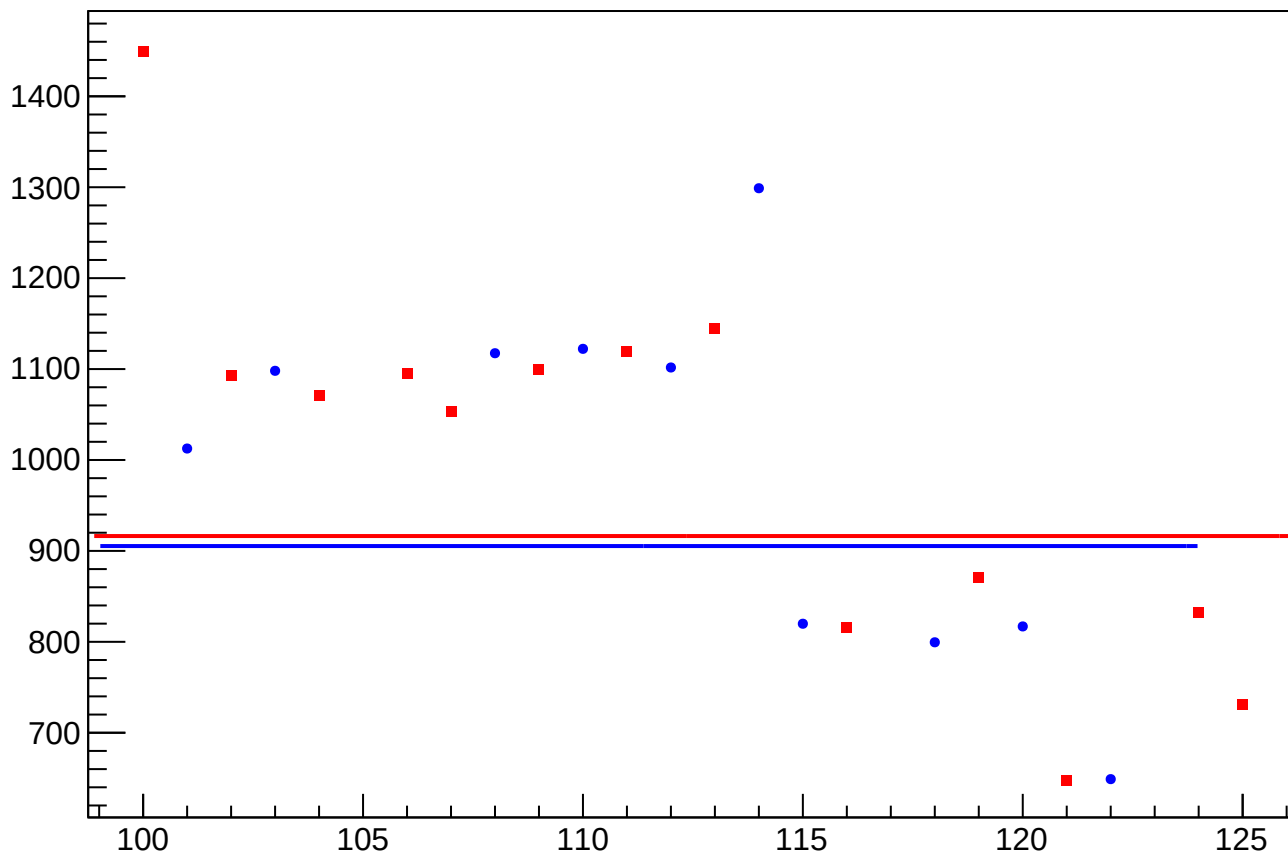
Right: -244.520+/-308.854 χ^2/NDF : 20.8/22

In: 298.553+/-457.094 χ^2/NDF :8.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -244.520+/-308.854 χ^2/NDF : 20.8/22

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: 916.348+/-0.296 χ^2/NDF : 401317.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

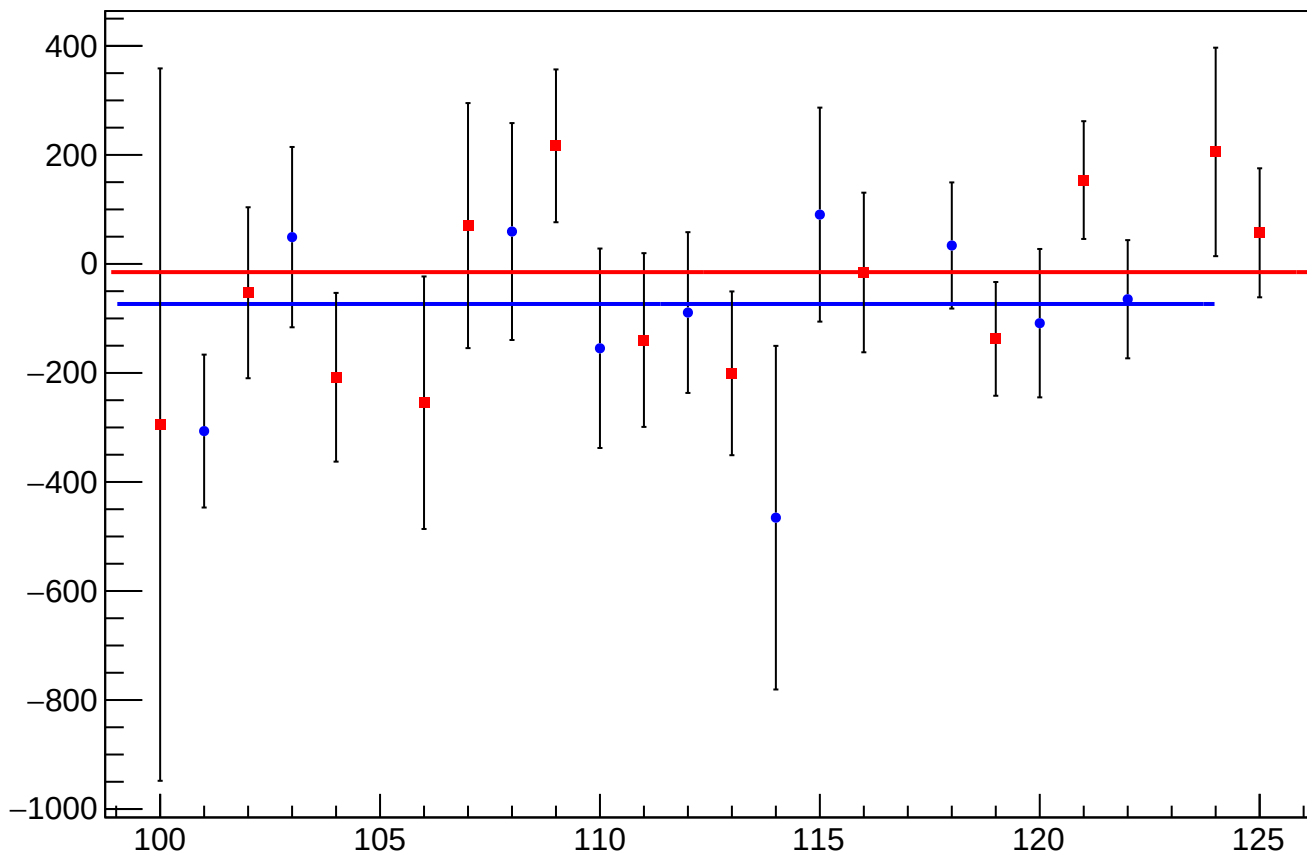
Right: 911.320+/-0.218 χ^2/NDF : 721988.8/22

In: 905.334+/-0.323 χ^2/NDF : 320040.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 911.320+/-0.218 χ^2/NDF : 721988.8/22

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: -15.018 $\pm$ 41.497 χ^2 /NDF: 13.4/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

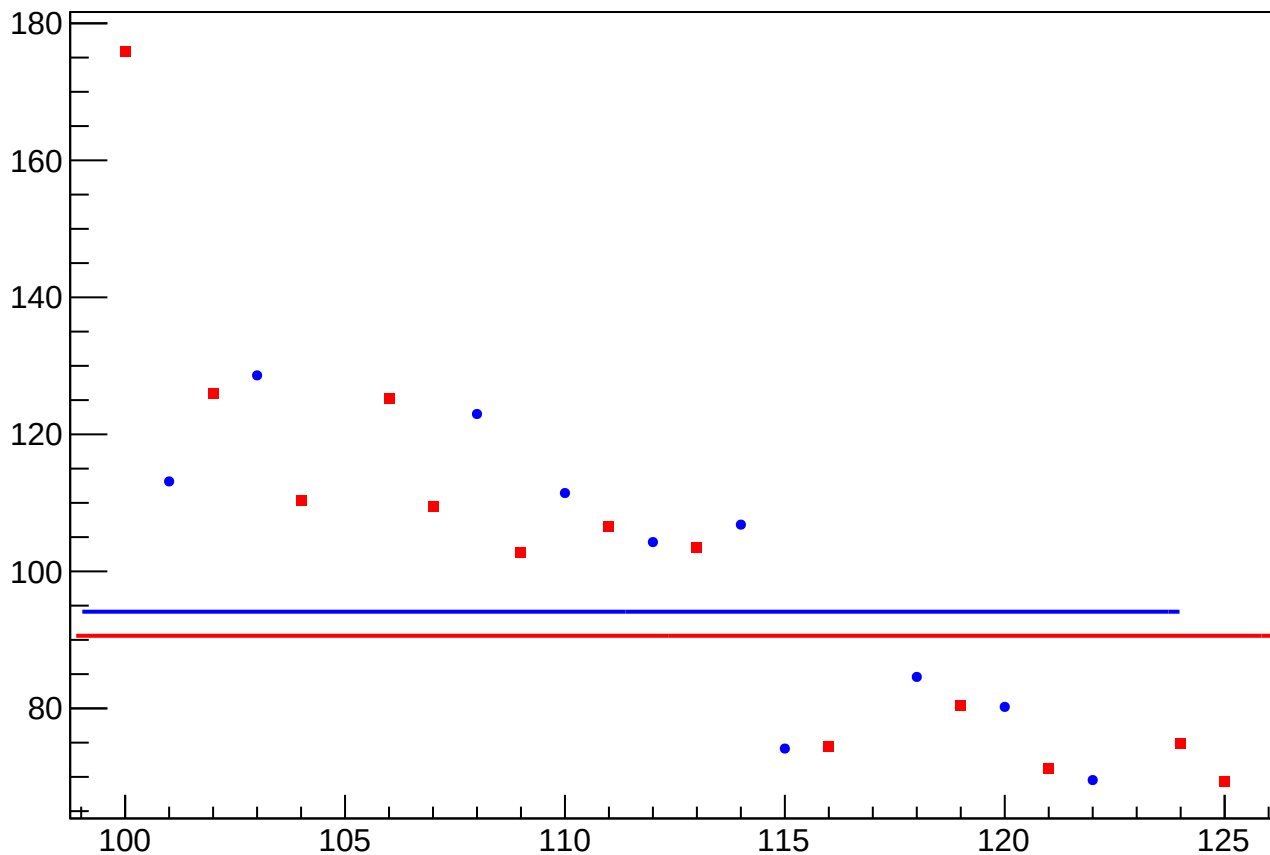
Right: -40.157 $\pm$ 31.327 χ^2 /NDF: 21.4/22

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: -40.157 $\pm$ 31.327 χ^2 /NDF: 21.4/22

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: 90.598+/-0.029 χ^2/NDF : 462380.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

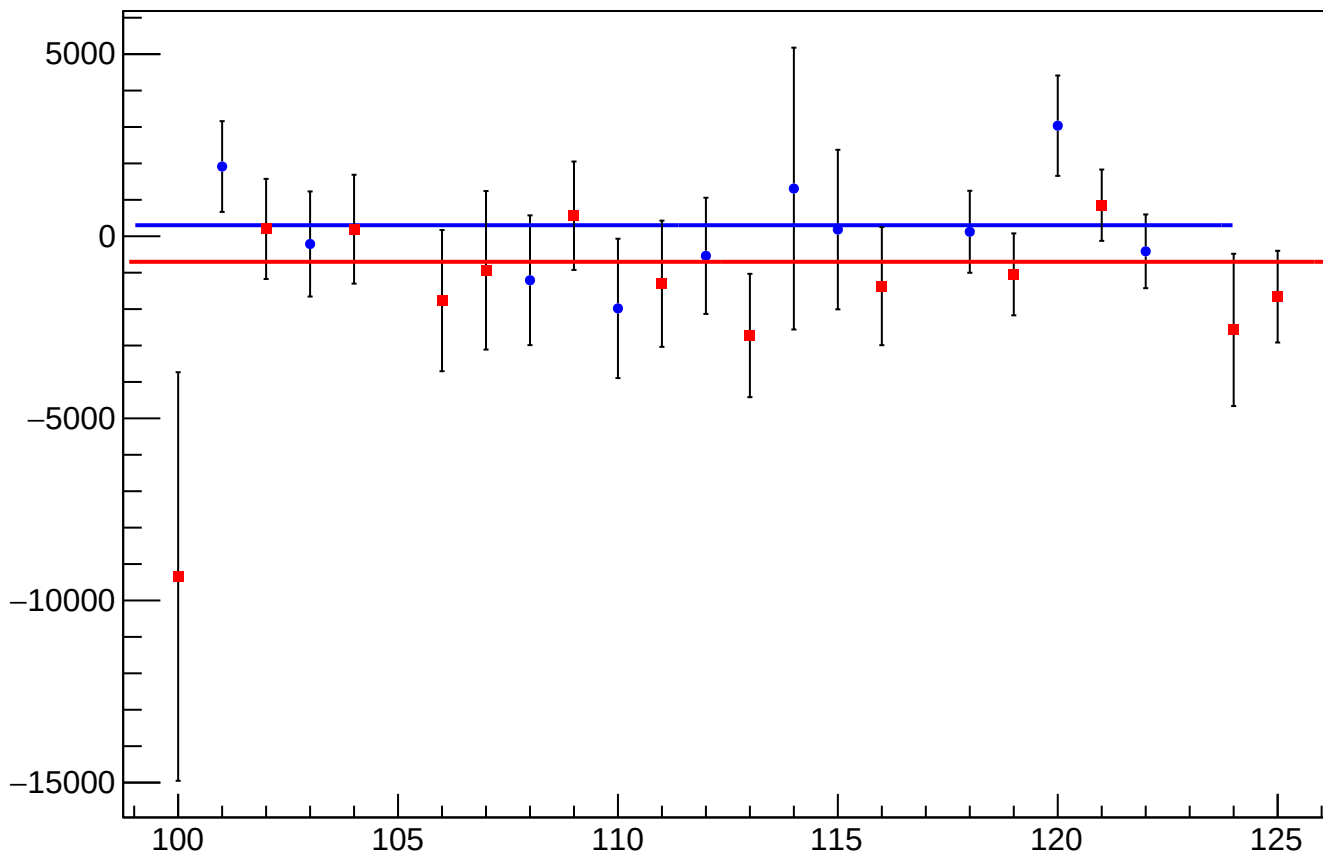
Right: 92.110+/-0.022 χ^2/NDF : 822921.1/22

In: 94.113+/-0.034 χ^2/NDF :354367.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 92.110+/-0.022 χ^2/NDF : 822921.1/22

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: -701.397+/-419.080 χ^2/NDF : 9.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

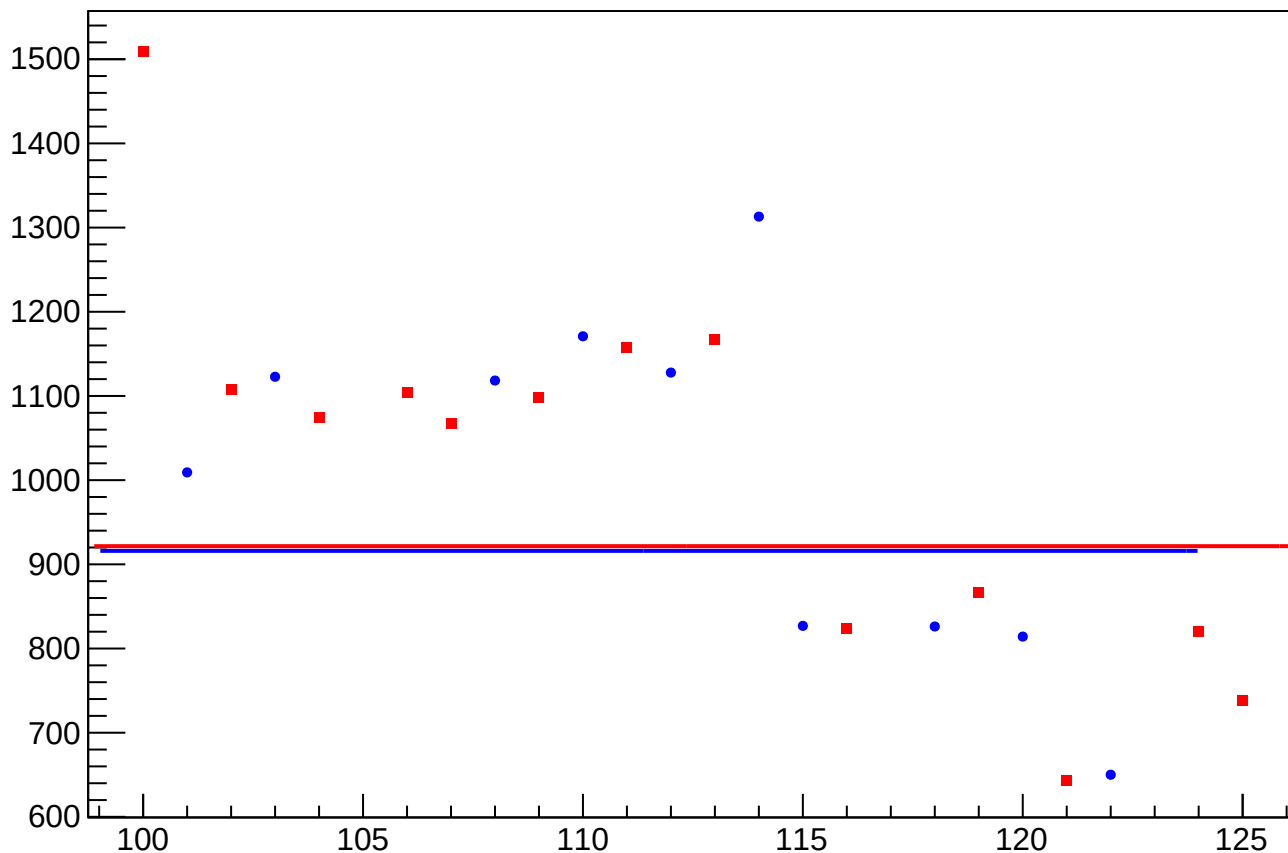
Right: -248.637+/-310.594 χ^2/NDF : 21.3/22

In: 303.125+/-462.635 χ^2/NDF :8.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -248.637+/-310.594 χ^2/NDF : 21.3/22

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: 921.586+/-0.296 χ^2/NDF : 434045.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

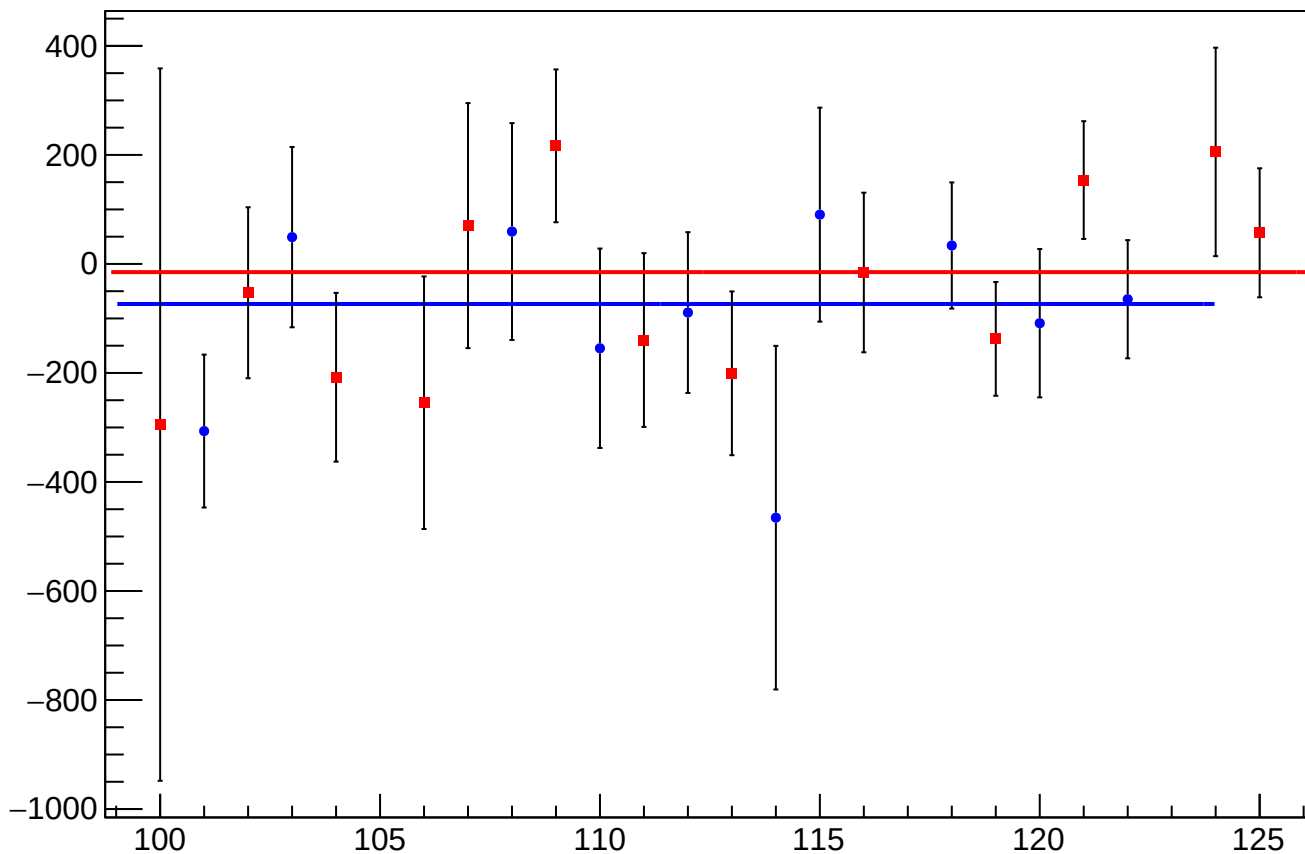
Right: 919.074+/-0.220 χ^2/NDF : 768974.5/22

In: 916.011+/-0.327 χ^2/NDF : 334769.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 919.074+/-0.220 χ^2/NDF : 768974.5/22

eigen_dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -73.469 $\pm$ 47.768 χ^2 /NDF: 7.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -15.016 $\pm$ 41.497 χ^2 /NDF: 13.4/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

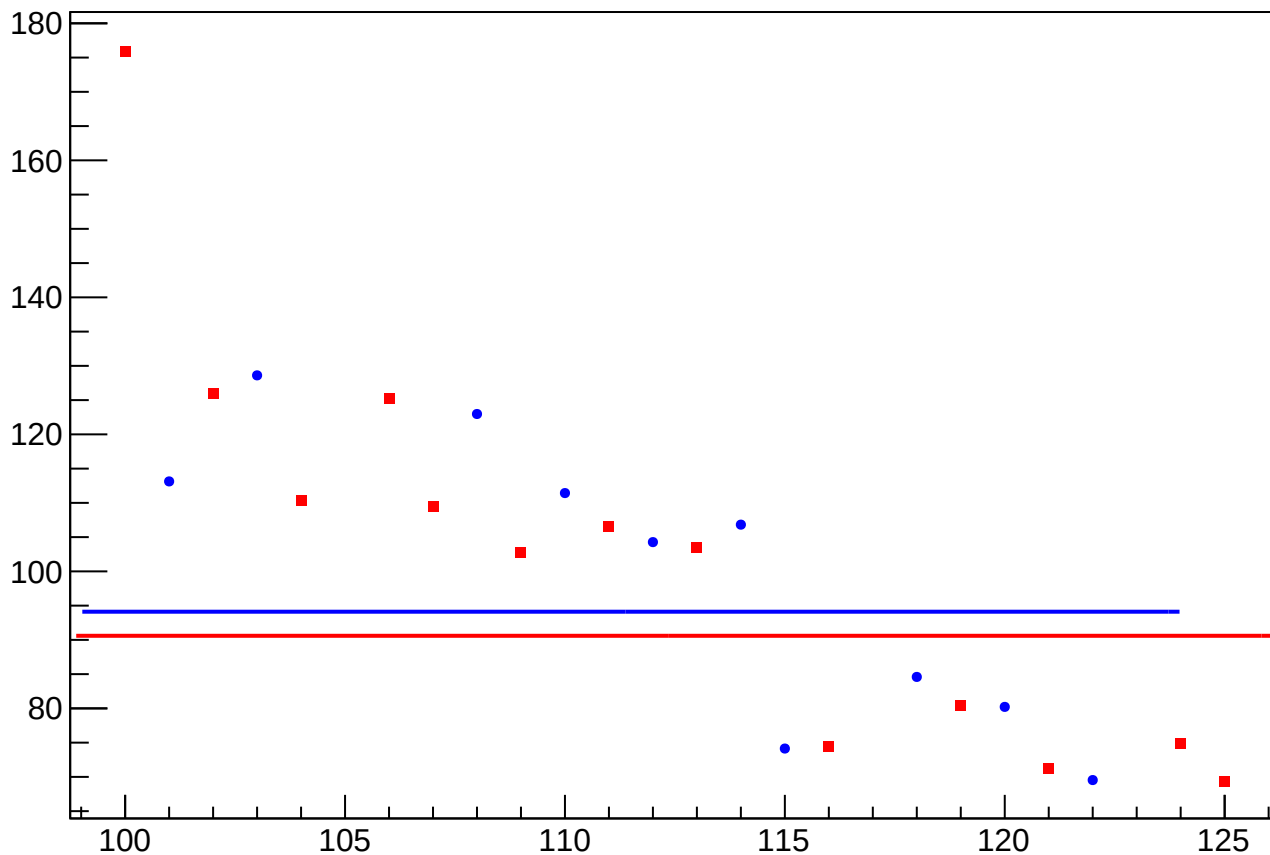
Right: -40.156 $\pm$ 31.327 χ^2 /NDF: 21.4/22

In: -73.469 $\pm$ 47.768 χ^2 /NDF:7.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -40.156 $\pm$ 31.327 χ^2 /NDF: 21.4/22

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: 90.598+/-0.029 χ^2/NDF : 462363.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

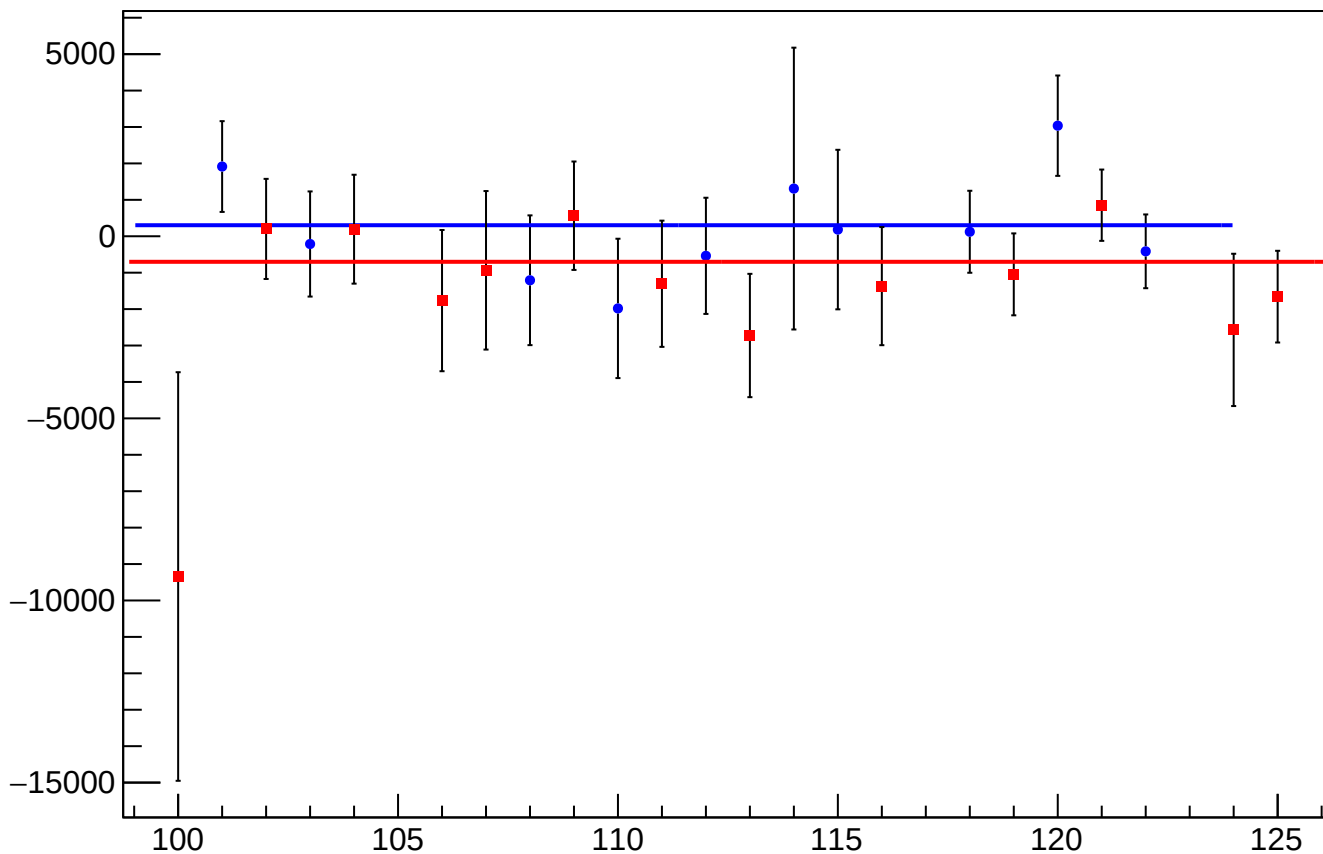
Right: 92.110+/-0.022 χ^2/NDF : 822890.2/22

In: 94.113+/-0.034 χ^2/NDF : 354354.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.110+/-0.022 χ^2/NDF : 822890.2/22

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: -701.396+/-419.079 χ^2/NDF : 9.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

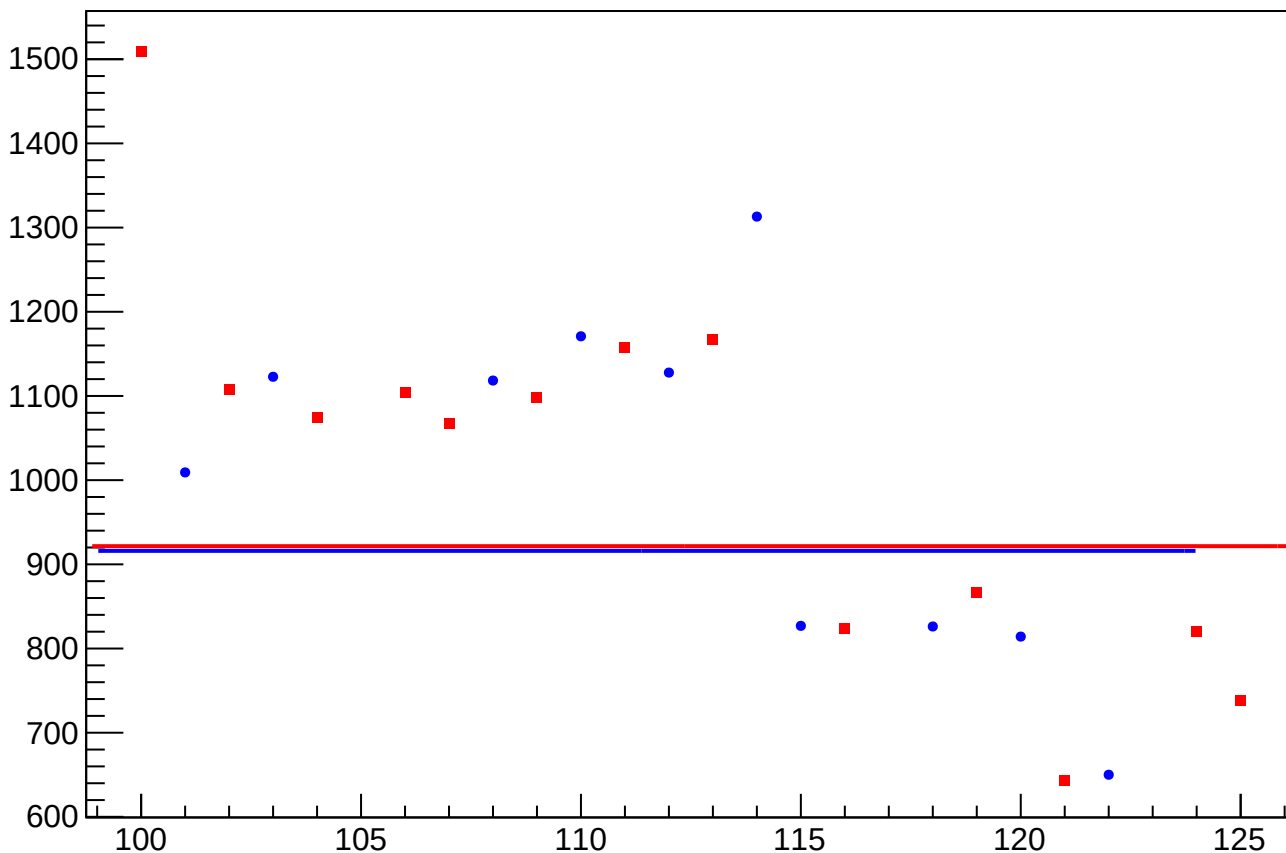
Right: -248.637+/-310.593 χ^2/NDF : 21.3/22

In: 303.124+/-462.634 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -248.637+/-310.593 χ^2/NDF : 21.3/22

asym_sam_15_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 916.010 $\pm$ 0.327 χ^2 /NDF: 334763.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 921.585 $\pm$ 0.296 χ^2 /NDF: 434039.3/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

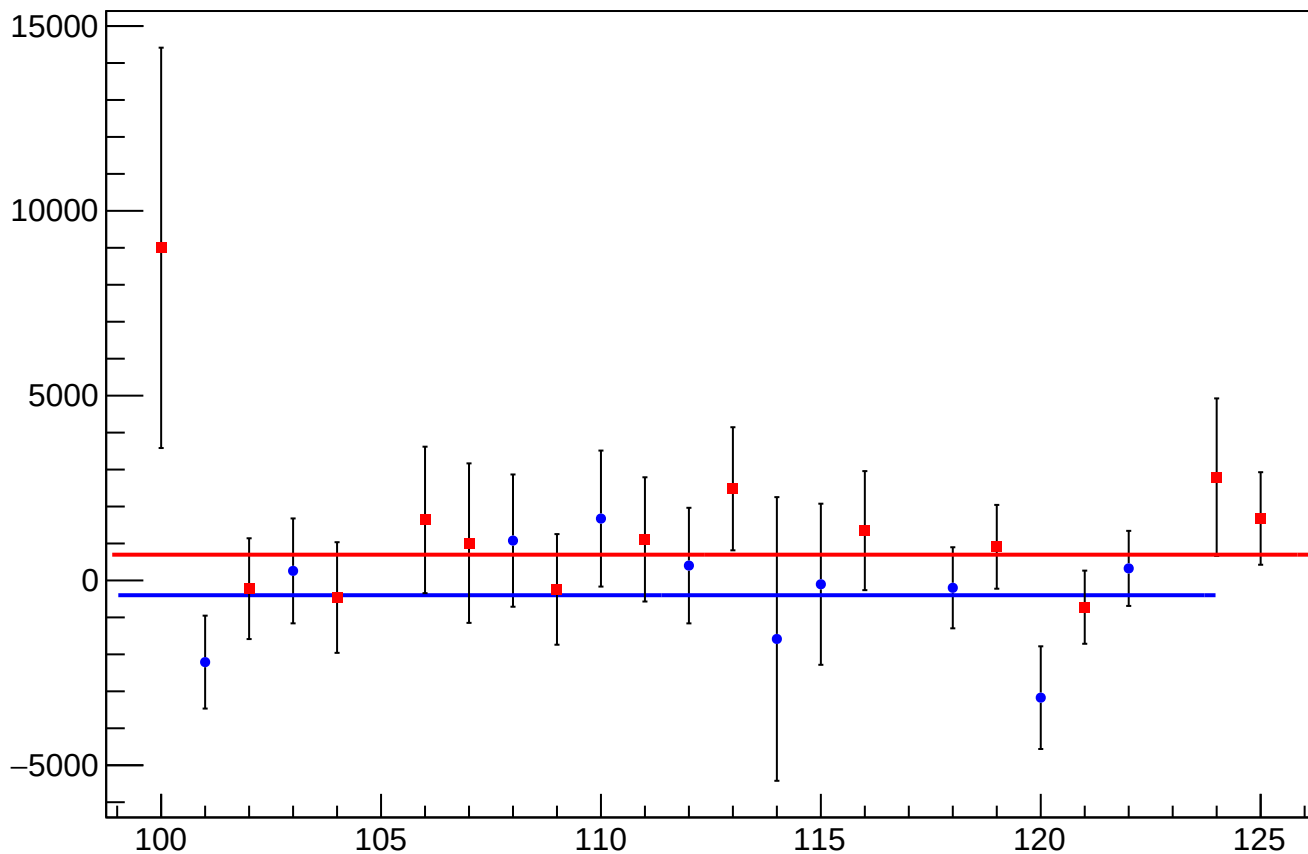
Right: 919.072 $\pm$ 0.220 χ^2 /NDF: 768962.2/22

In: 916.010 $\pm$ 0.327 χ^2 /NDF:334763.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 919.072 $\pm$ 0.220 χ^2 /NDF: 768962.2/22

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: 697.021+/-419.166 χ^2/NDF : 9.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

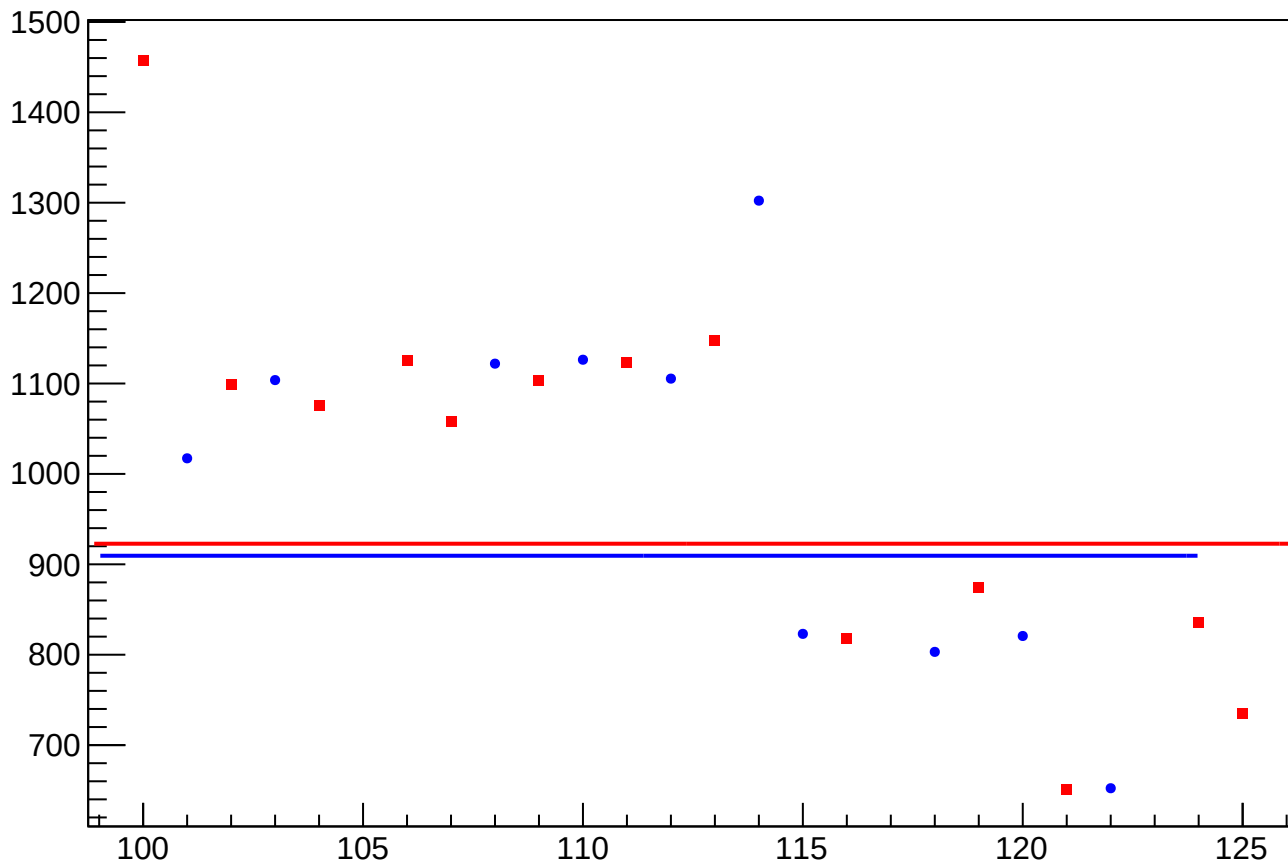
Right: 198.449+/-309.565 χ^2/NDF : 21.3/22

In: -399.753+/-459.142 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 198.449+/-309.565 χ^2/NDF : 21.3/22

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: 922.782+/-0.296 χ^2/NDF : 407860.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

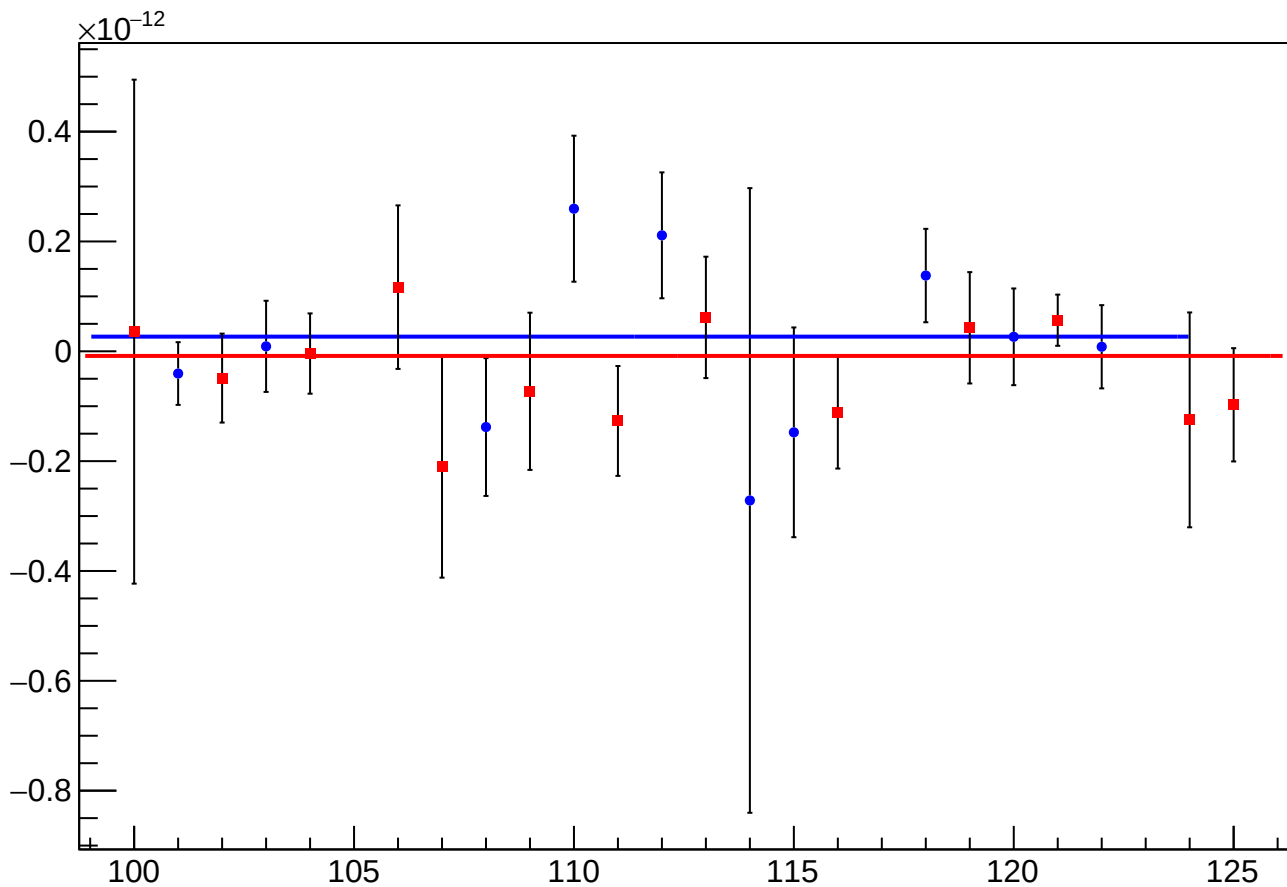
Right: 916.733+/-0.219 χ^2/NDF : 727666.7/22

In: 909.476+/-0.325 χ^2/NDF : 318889.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 916.733+/-0.219 χ^2/NDF : 727666.7/22

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 : 8.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

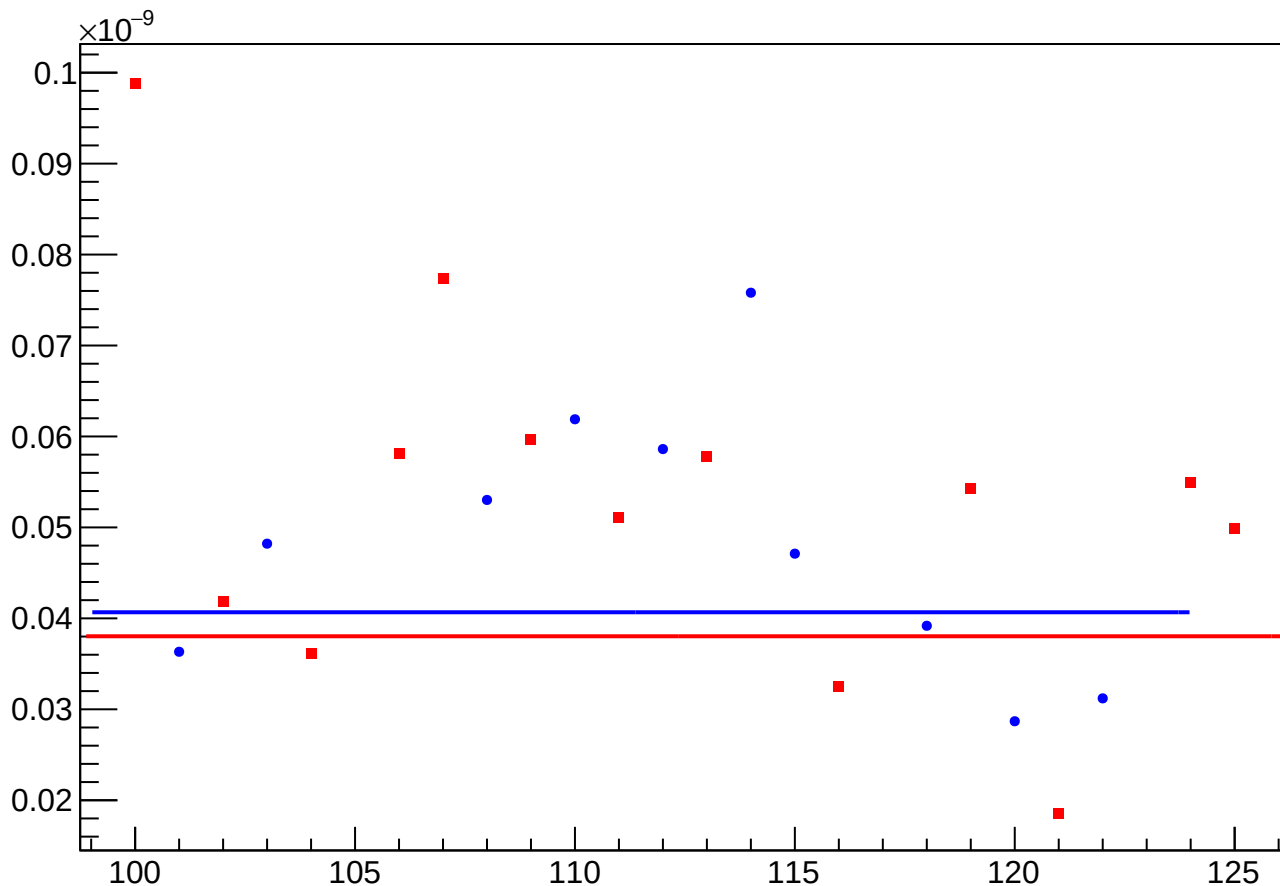
Right: 0.000+/-0.000 χ^2/NDF : 20.7/22

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 : 20.7/22

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 : 745272.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

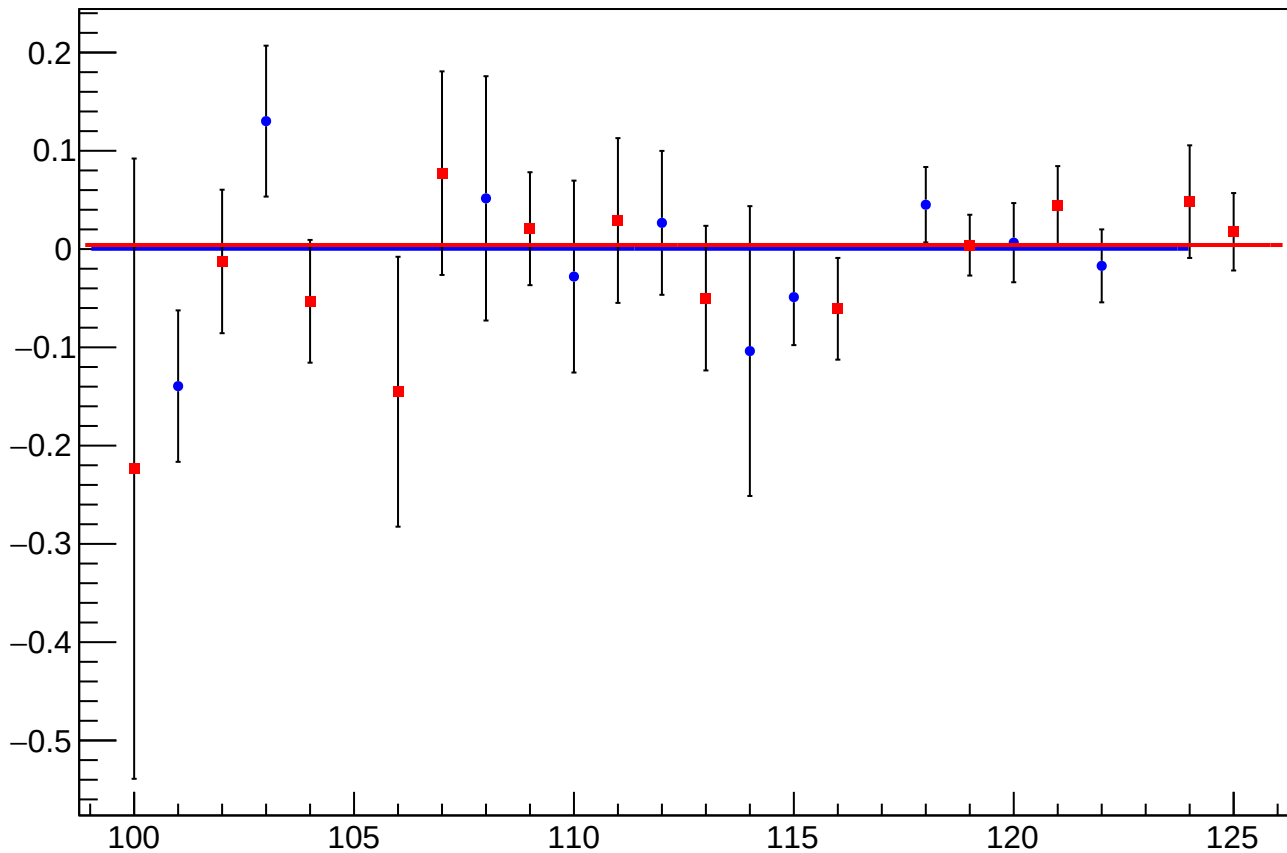
Right: 0.000+/-0.000 χ^2/NDF : 980241.6/22

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 : 980241.6/22

asym_sam_15_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.018 χ^2 /NDF: 9.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.015 χ^2 /NDF: 7.1/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

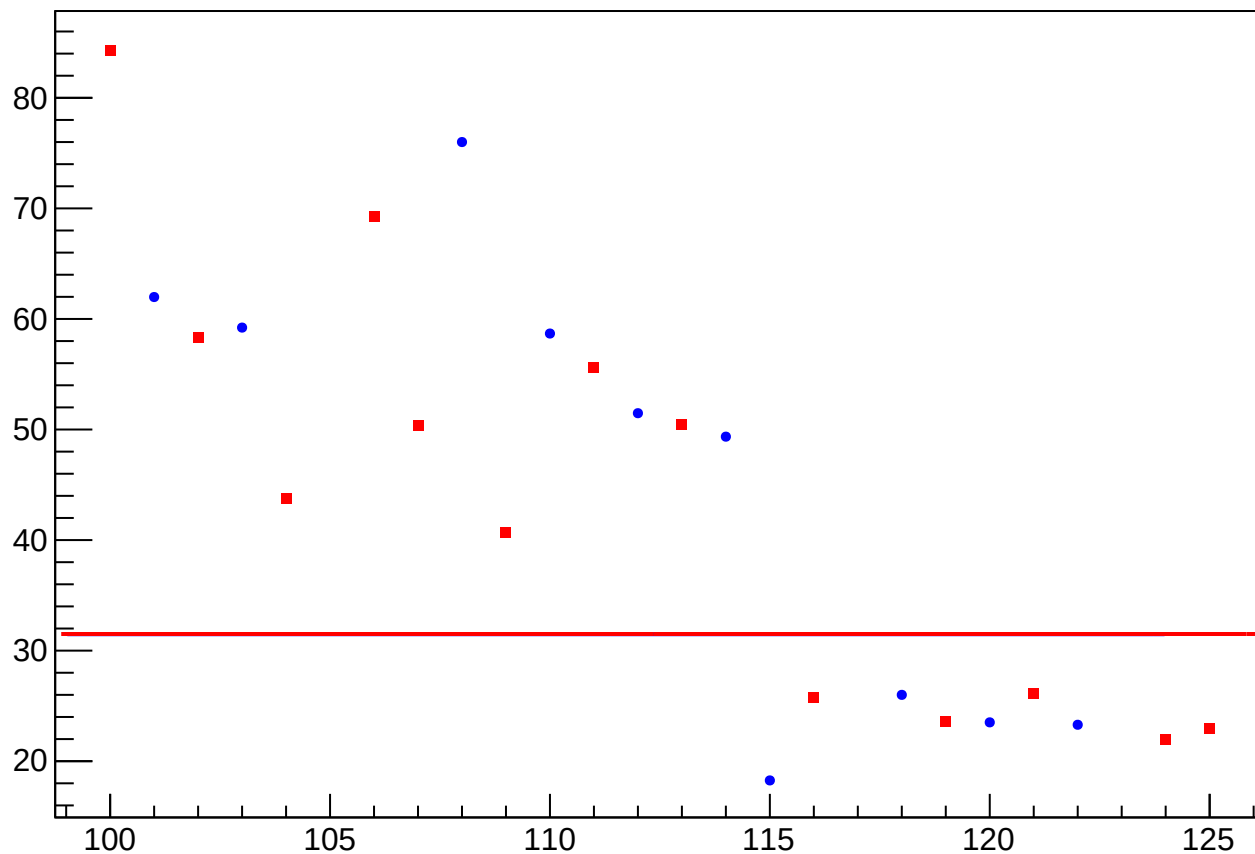
Right: 0.002 $\pm$ 0.012 χ^2 /NDF: 16.8/22

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: 0.002 $\pm$ 0.012 χ^2 /NDF: 16.8/22

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: 31.504+/-0.011 χ^2/NDF : 1309425.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

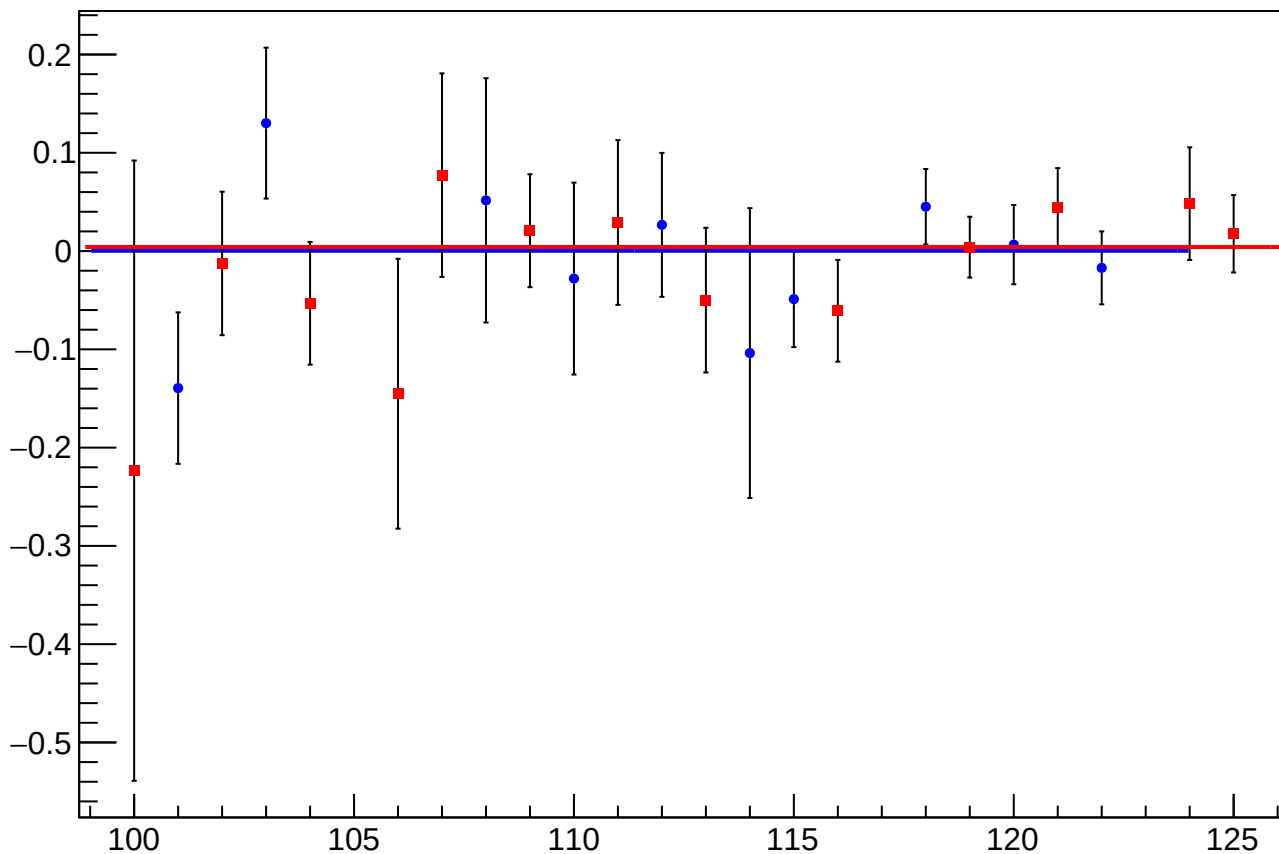
Right: 31.496+/-0.008 χ^2/NDF : 2836843.4/22

In: 31.486+/-0.013 χ^2/NDF : 1527416.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.496+/-0.008 χ^2/NDF : 2836843.4/22

asym_sam_15_26_dd_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: 0.004+/-0.015 χ^2/NDF : 7.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

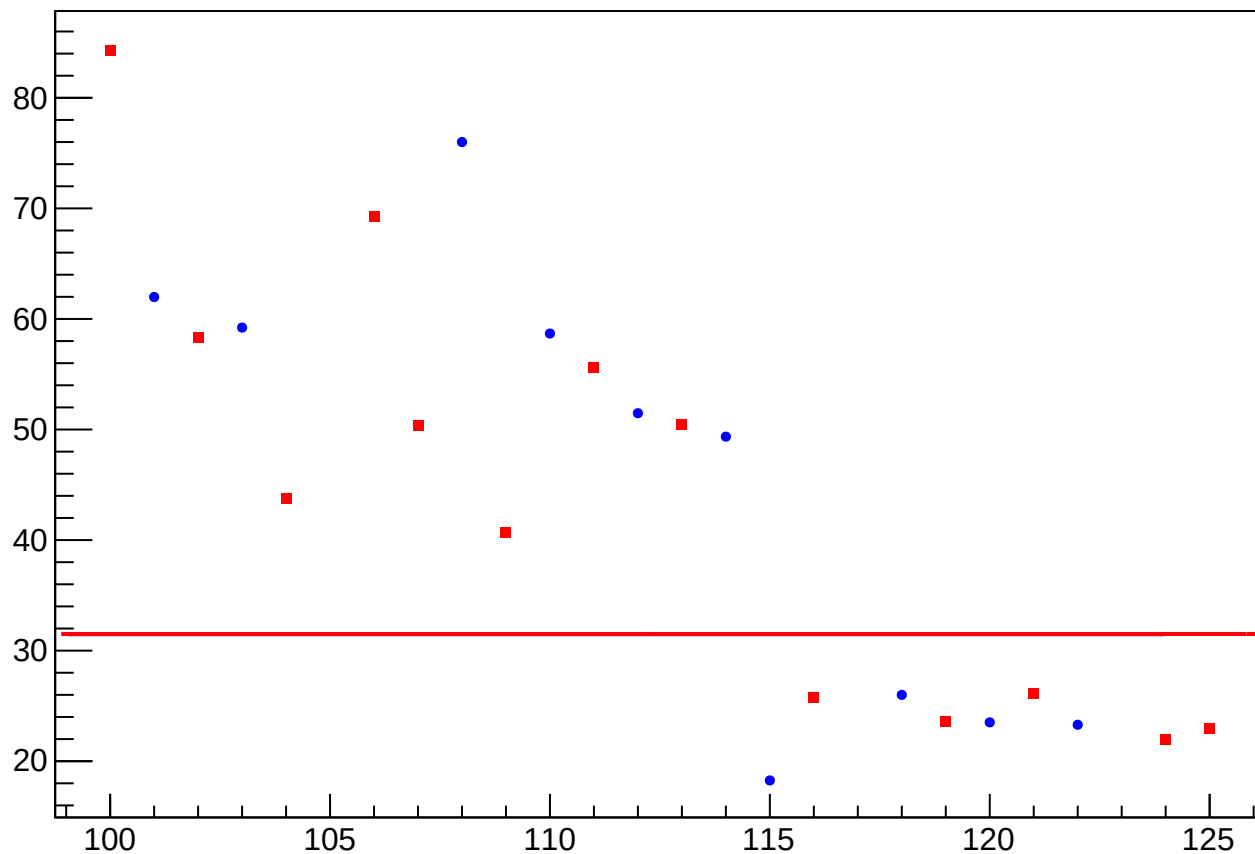
Right: 0.002+/-0.012 χ^2/NDF : 16.8/22

In: 0.000+/-0.018 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.012 χ^2/NDF : 16.8/22

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: 31.504+/-0.011 χ^2/NDF : 1309425.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

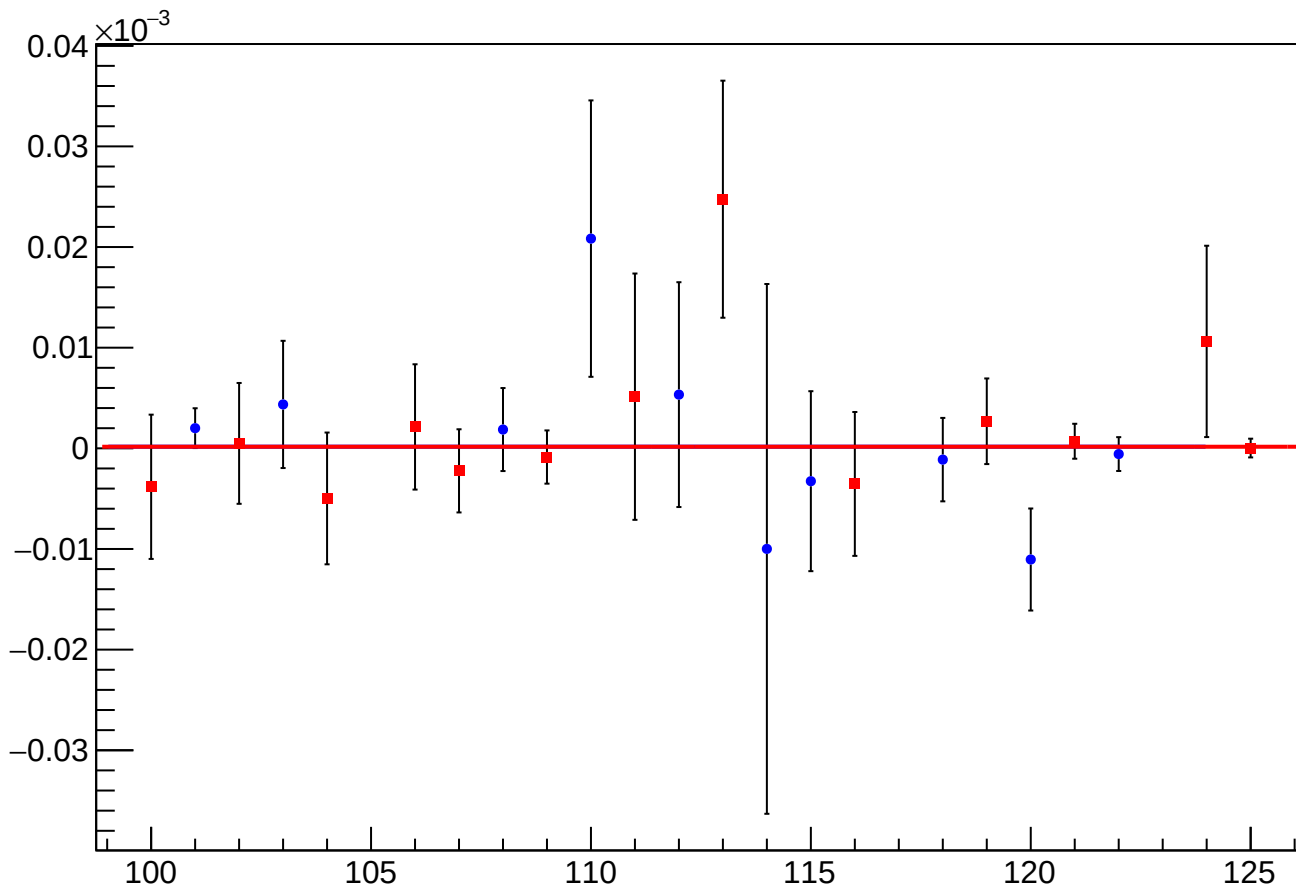
Right: 31.496+/-0.008 χ^2/NDF : 2836843.4/22

In: 31.486+/-0.013 χ^2/NDF : 1527416.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.496+/-0.008 χ^2/NDF : 2836843.4/22

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 : 8.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

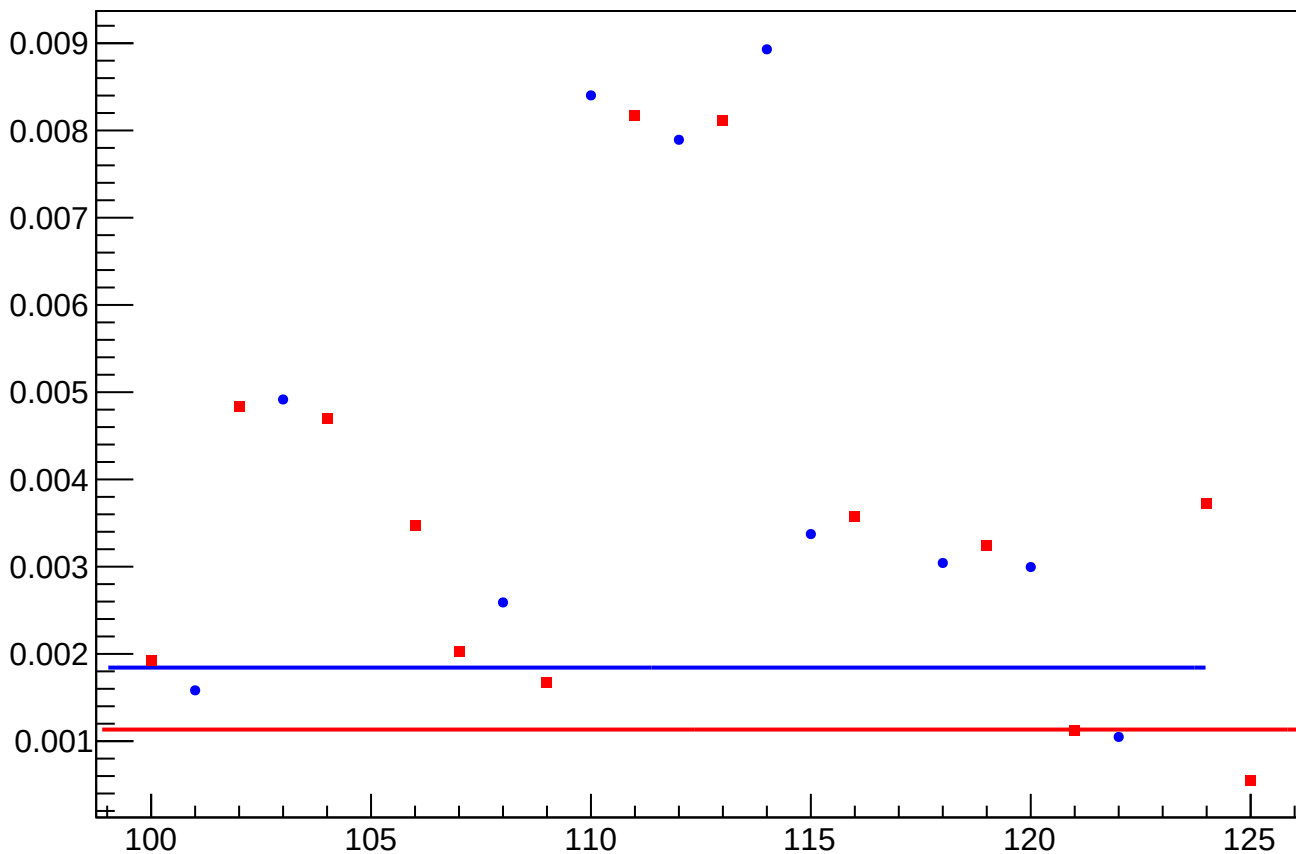
Right: 0.000+/-0.000 χ^2/NDF : 17.4/22

In: 0.000+/-0.000 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.4/22

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: 0.001+/-0.000 χ^2/NDF : 4872592.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

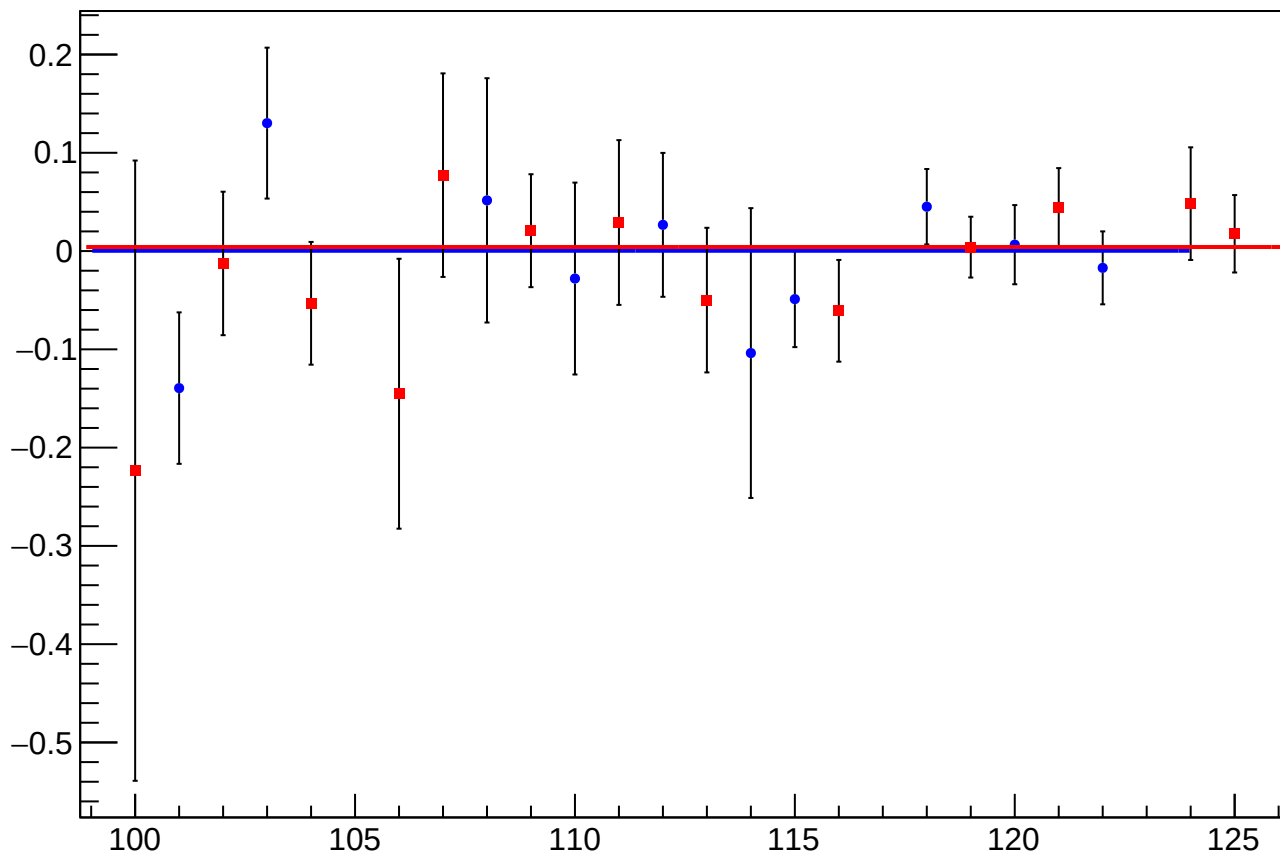
Right: 0.001+/-0.000 χ^2/NDF : 7986728.7/22

In: 0.002+/-0.000 χ^2/NDF :2538551.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 7986728.7/22

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: 0.004+/-0.015 χ^2/NDF : 7.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

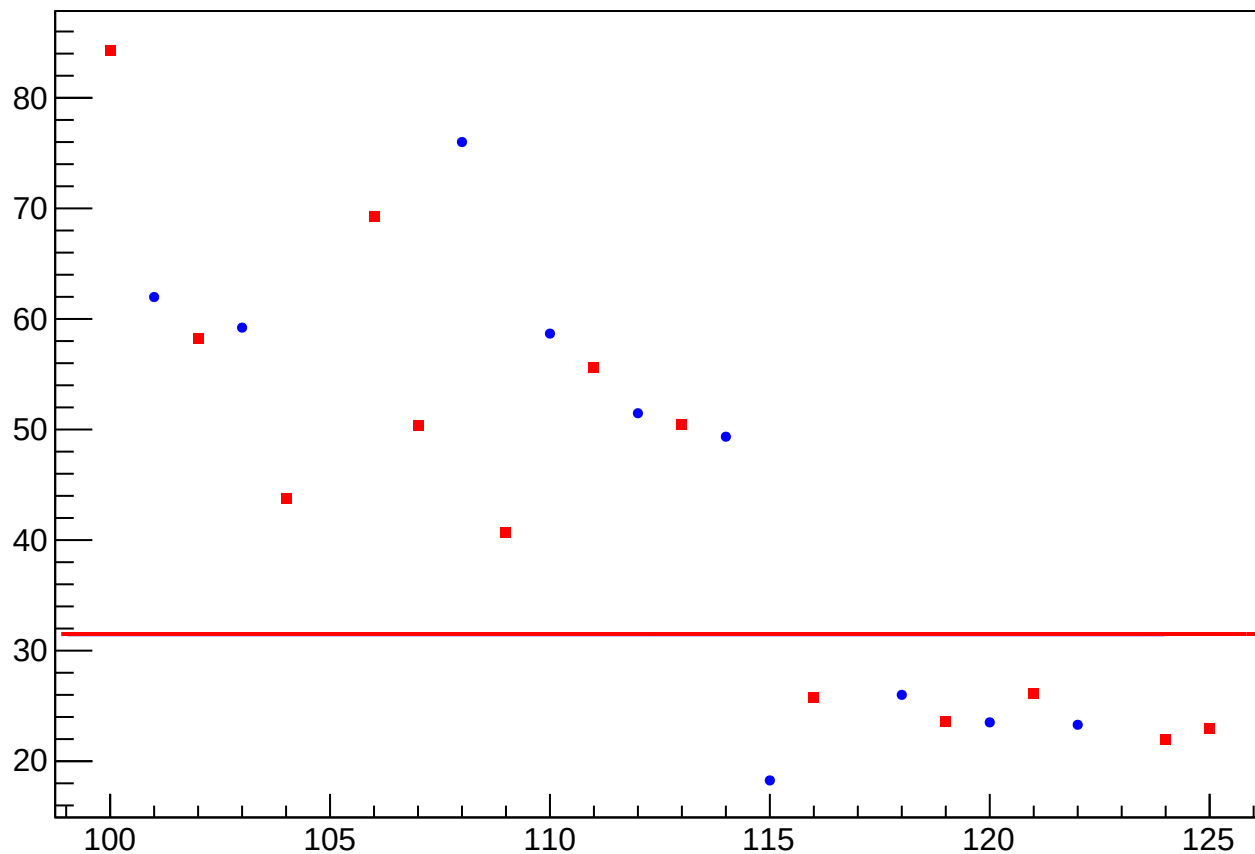
Right: 0.002+/-0.012 χ^2/NDF : 16.8/22

In: 0.000+/-0.018 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.012 χ^2/NDF : 16.8/22

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: 31.504+/-0.011 χ^2/NDF : 1309293.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

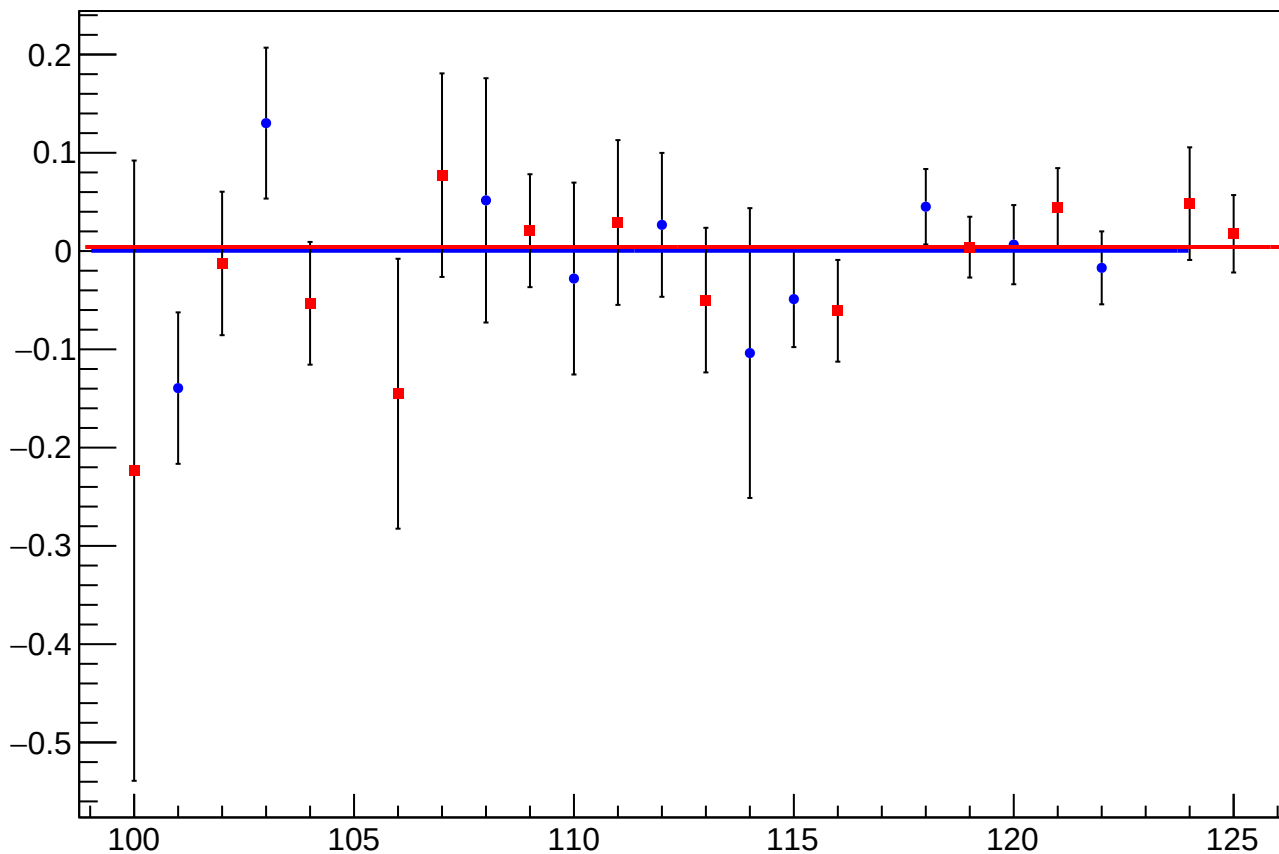
Right: 31.497+/-0.008 χ^2/NDF : 2836567.2/22

In: 31.487+/-0.013 χ^2/NDF : 1527272.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.497+/-0.008 χ^2/NDF : 2836567.2/22

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: 0.004+/-0.015 χ^2/NDF : 7.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

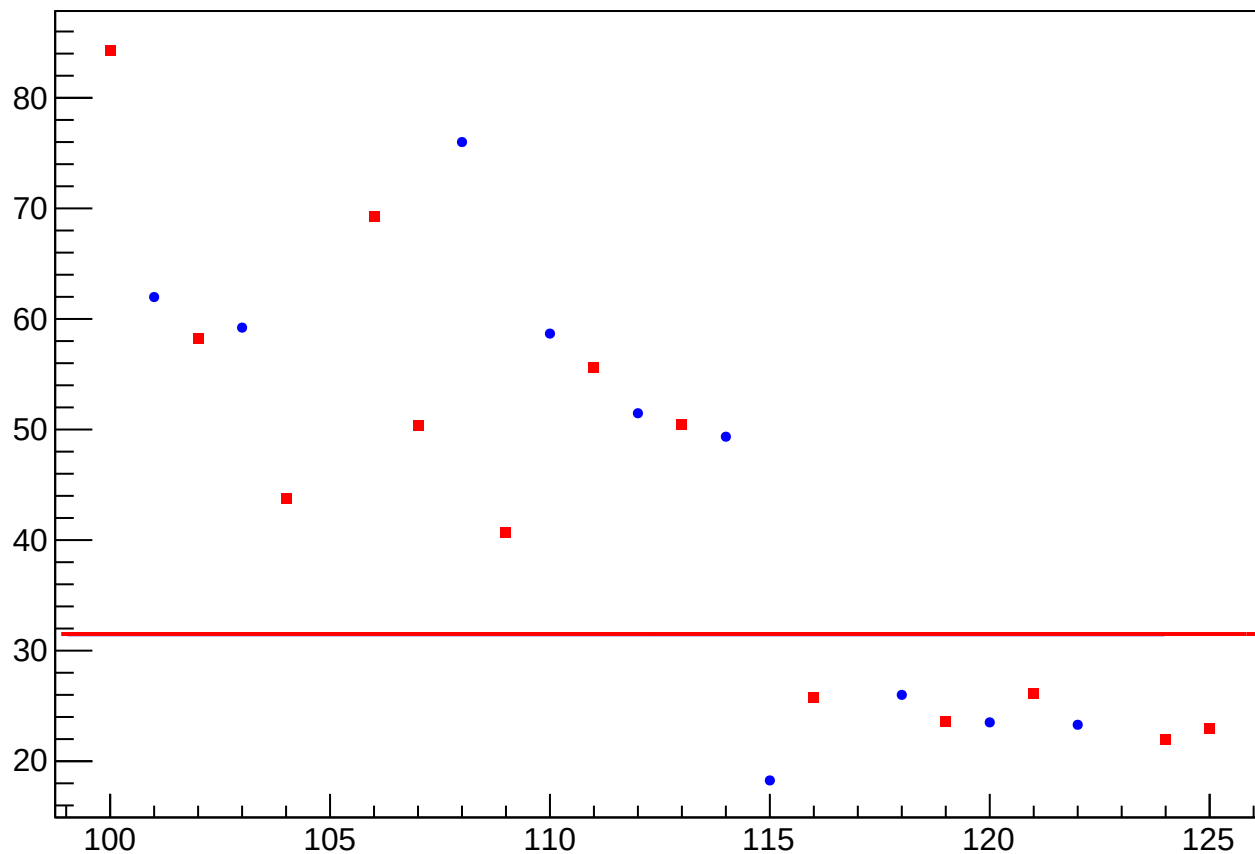
Right: 0.002+/-0.012 χ^2/NDF : 16.8/22

In: 0.000+/-0.018 χ^2/NDF : 9.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.012 χ^2/NDF : 16.8/22

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: 31.504+/-0.011 χ^2/NDF : 1309293.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

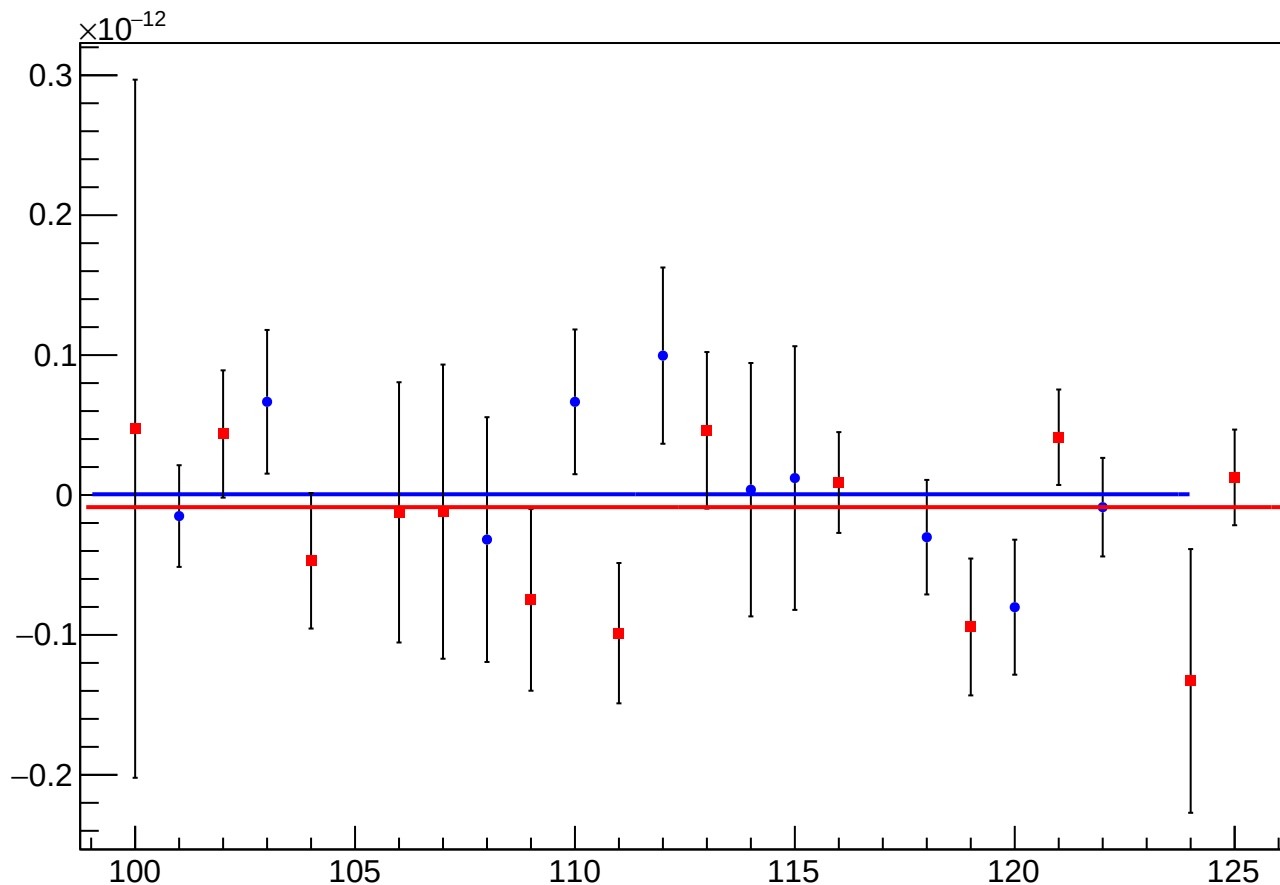
Right: 31.497+/-0.008 χ^2/NDF : 2836567.2/22

In: 31.487+/-0.013 χ^2/NDF : 1527272.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.497+/-0.008 χ^2/NDF : 2836567.2/22

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

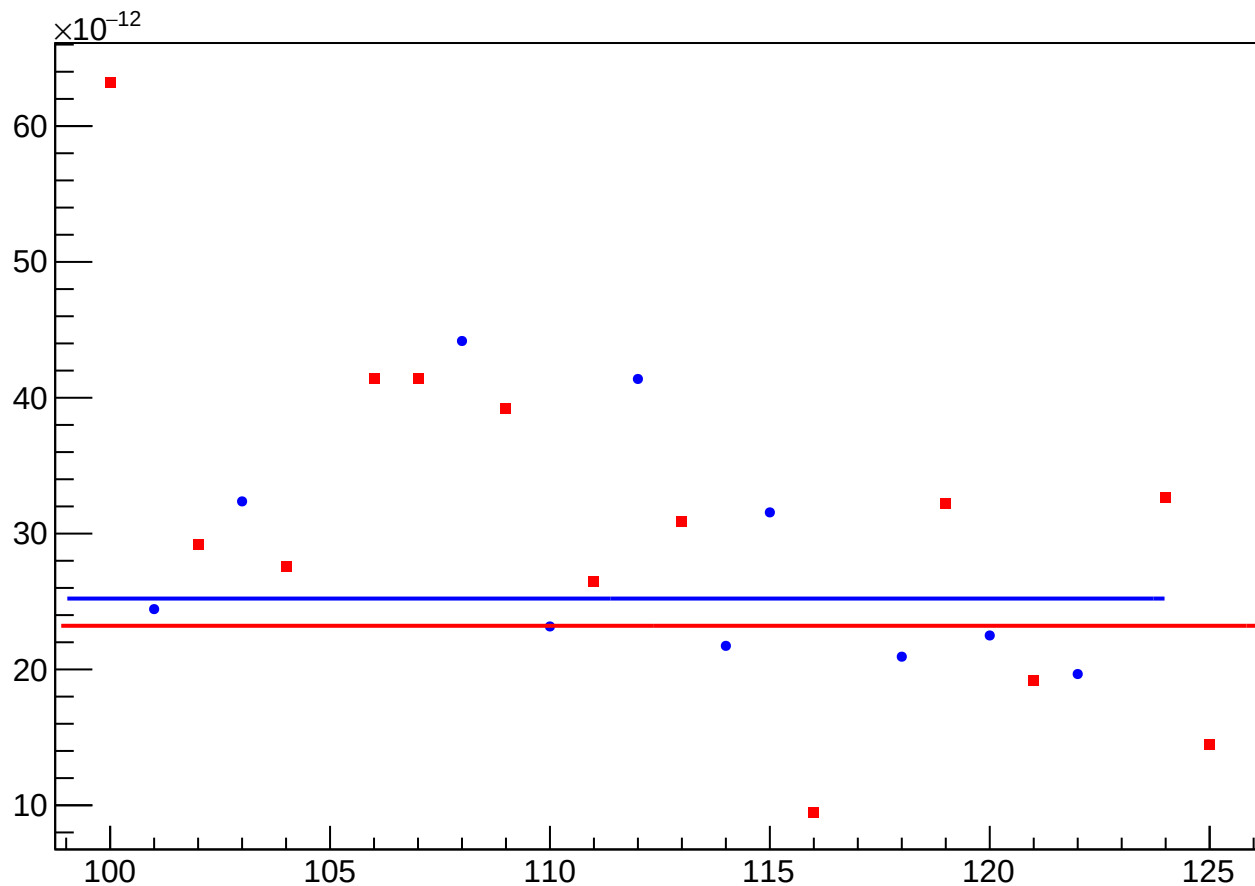
Right: -0.000+/-0.000 χ^2/NDF : 24.5/22

In: 0.000+/-0.000 χ^2/NDF : 9.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.5/22

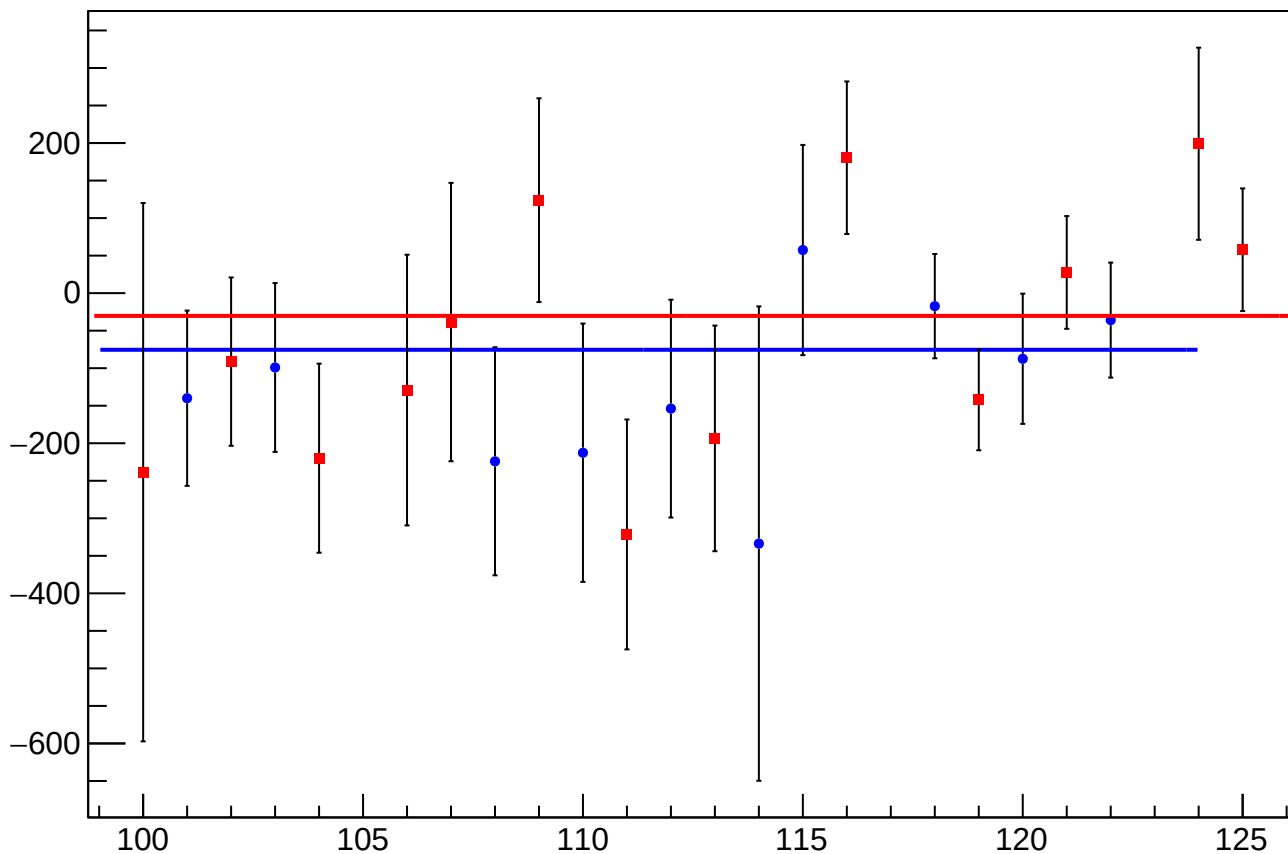
asym_sam_15_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 946221.0/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1322731.6/22
 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 : 1322731.6/22

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: -30.311 ± 30.738 χ^2/NDF : 21.3/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

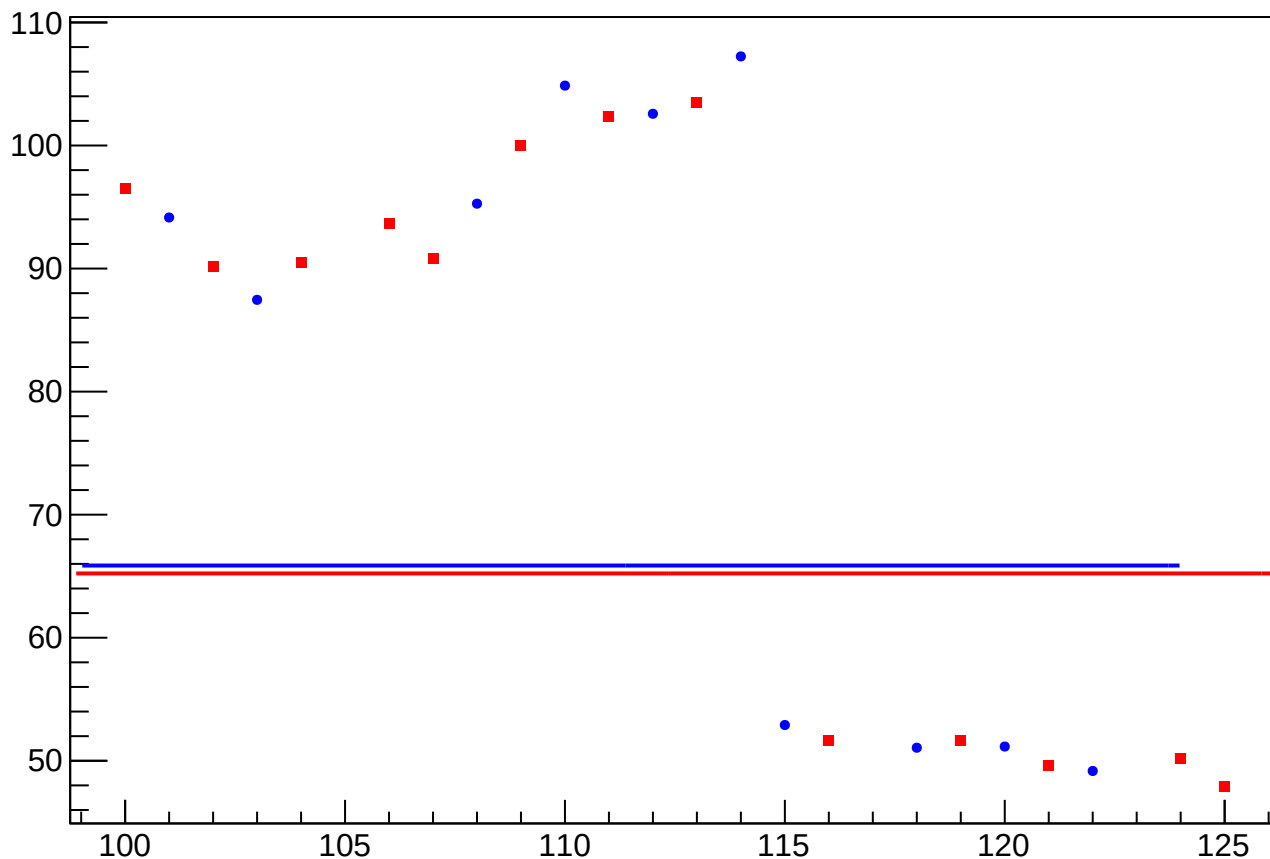
Right: -50.404 ± 22.901 χ^2/NDF : 27.1/22

In: -75.470 ± 34.332 χ^2/NDF : 4.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -50.404 ± 22.901 χ^2/NDF : 27.1/22

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: 65.222+/-0.022 χ^2/NDF : 981406.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

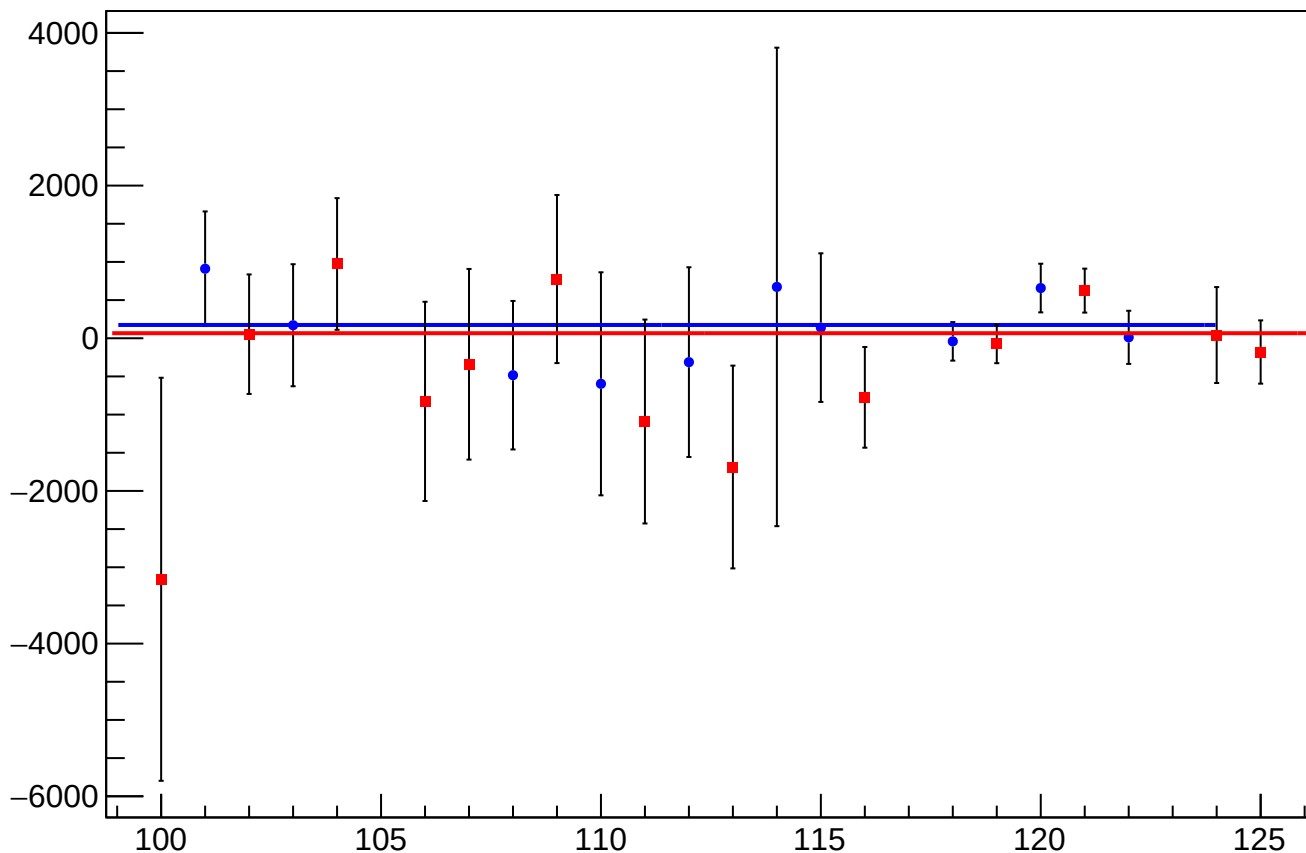
Right: 65.509+/-0.016 χ^2/NDF : 1773123.3/22

In: 65.867+/-0.024 χ^2/NDF : 791325.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.509+/-0.016 χ^2/NDF : 1773123.3/22

asym_sam_37_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 174.111 $\pm$ 157.187 χ^2 /NDF: 5.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 66.234 $\pm$ 149.592 χ^2 /NDF: 12.1/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

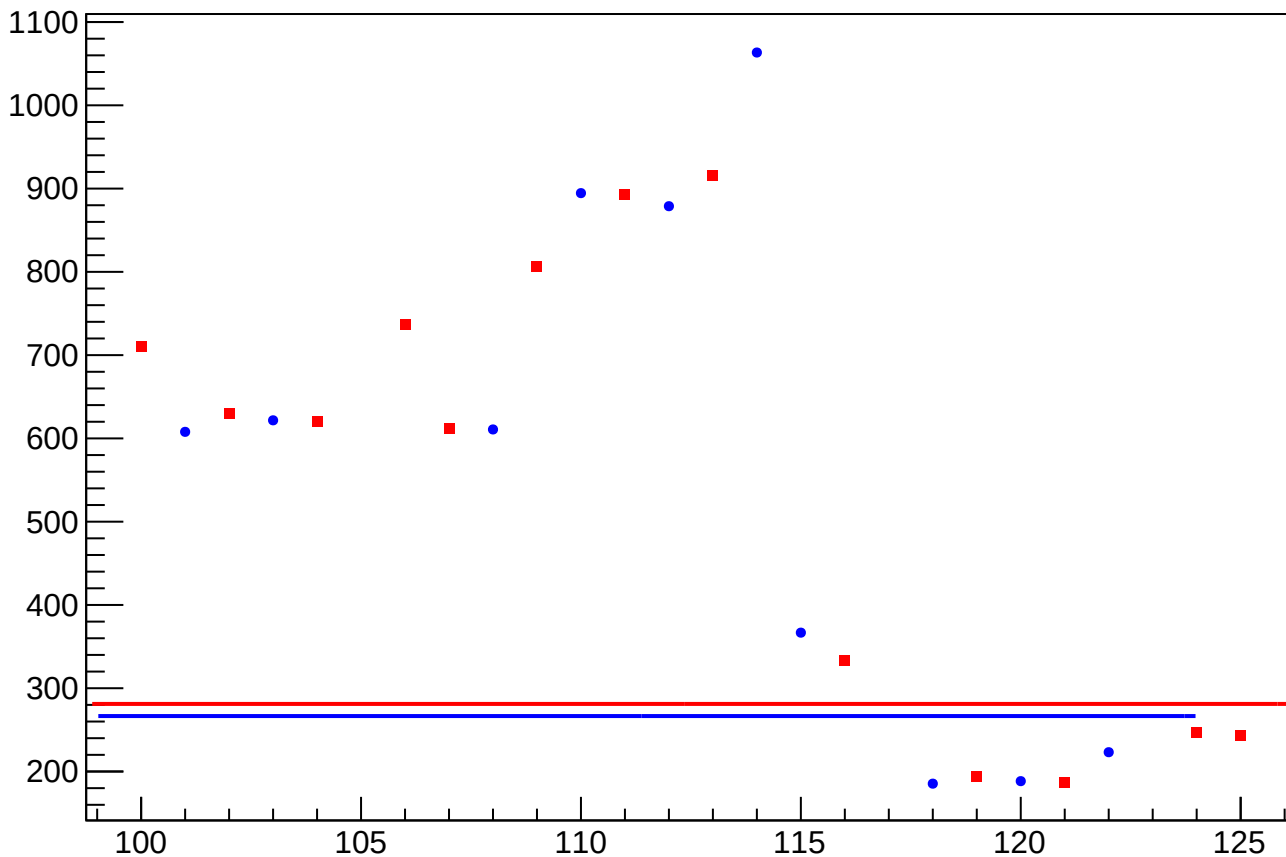
Right: 117.503 $\pm$ 108.363 χ^2 /NDF: 17.5/22

In: 174.111 $\pm$ 157.187 χ^2 /NDF:5.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 117.503 $\pm$ 108.363 χ^2 /NDF: 17.5/22

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: 281.148 $\pm$ 0.106 χ^2 /NDF: 2966397.5/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

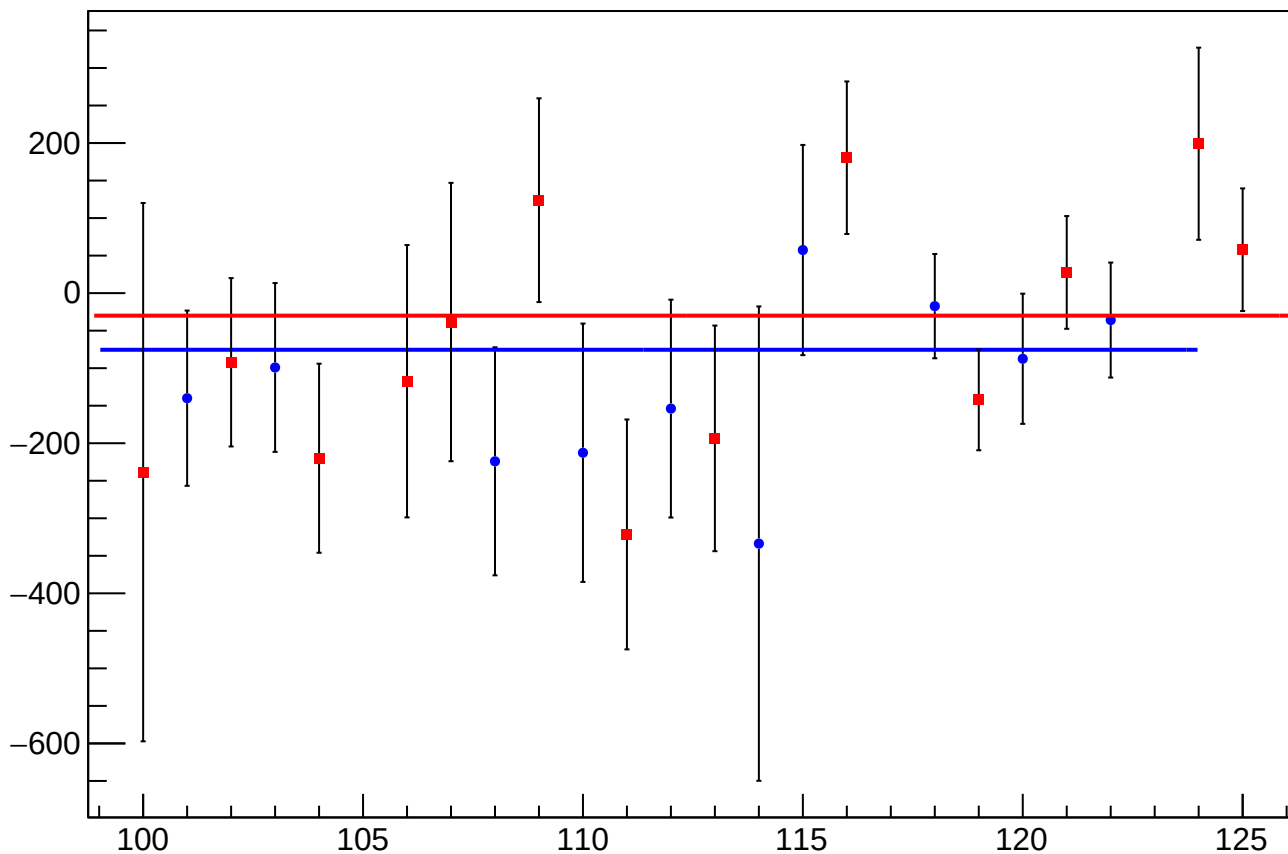
Right: 274.226 $\pm$ 0.077 χ^2 /NDF: 5397514.7/22

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: 274.226 $\pm$ 0.077 χ^2 /NDF: 5397514.7/22

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: -30.005+/-30.744 χ^2/NDF : 21.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

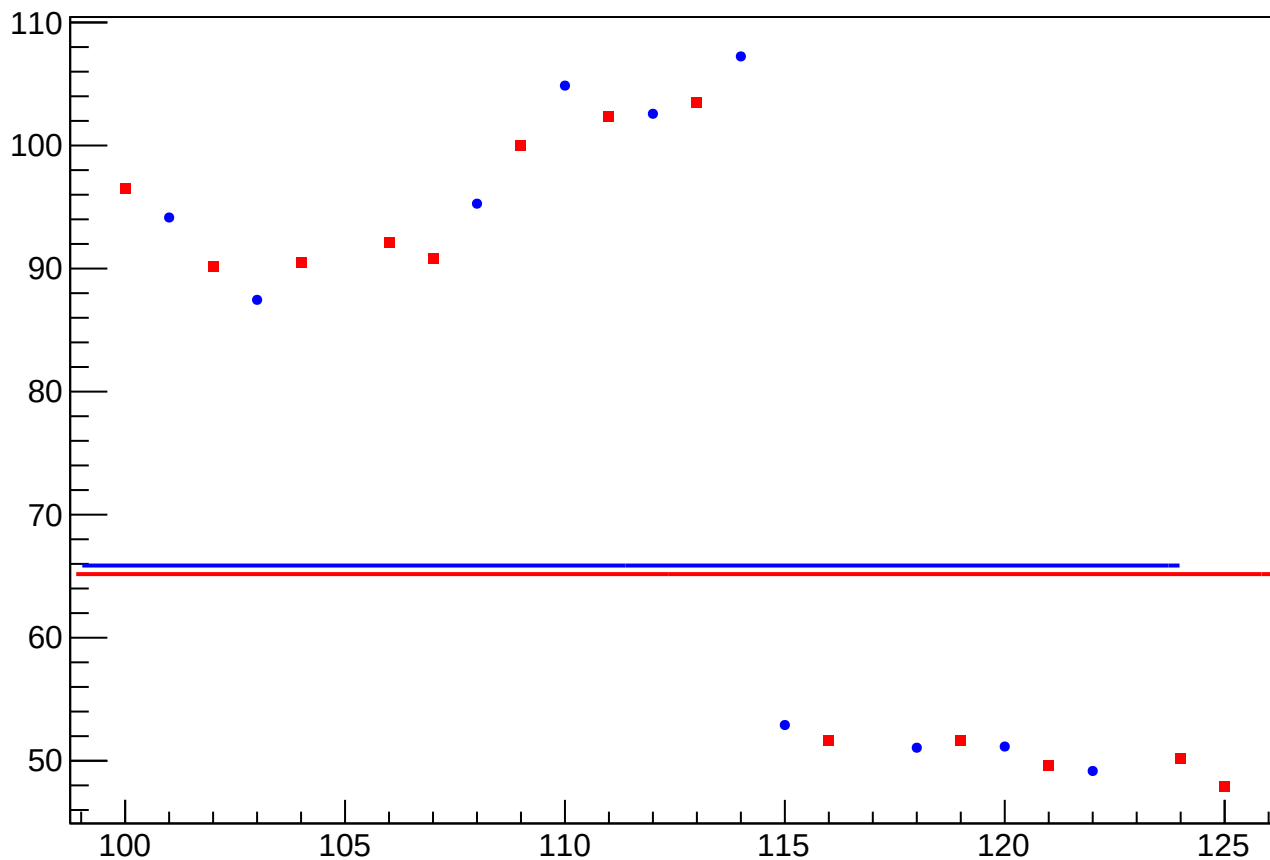
Right: -50.239+/-22.903 χ^2/NDF : 27.0/22

In: -75.471+/-34.332 χ^2/NDF : 4.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.239+/-22.903 χ^2/NDF : 27.0/22

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: 65.169+/-0.022 χ^2/NDF : 975776.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

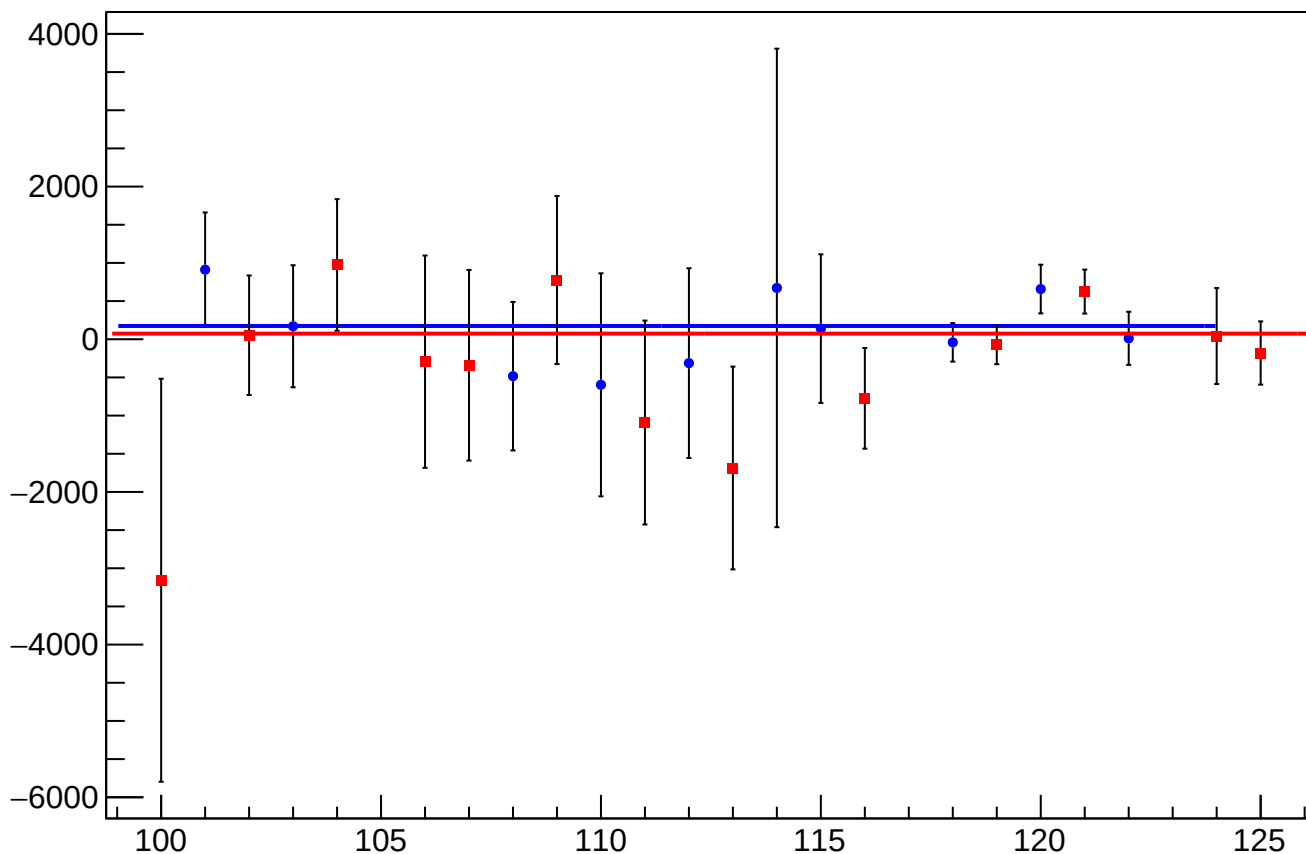
Right: 65.480+/-0.016 χ^2/NDF : 1767560.6/22

In: 65.867+/-0.024 χ^2/NDF : 791326.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.480+/-0.016 χ^2/NDF : 1767560.6/22

asym_sam_37_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 174.104+/-157.187 χ^2/NDF : 5.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.771+/-149.712 χ^2/NDF : 11.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

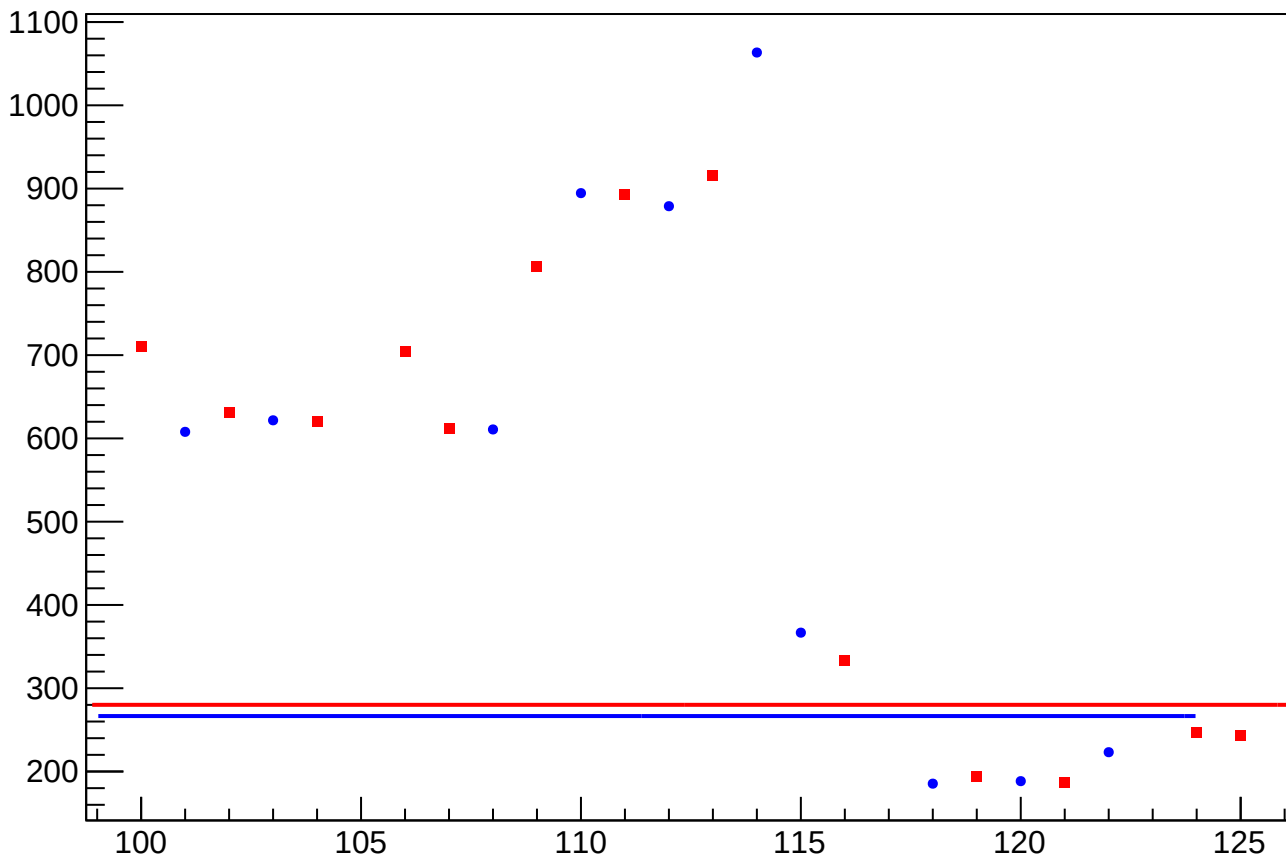
Right: 121.495+/-108.409 χ^2/NDF : 17.1/22

In: 174.104+/-157.187 χ^2/NDF : 5.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.495+/-108.409 χ^2/NDF : 17.1/22

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: 280.064+/-0.106 χ^2/NDF : 2908466.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

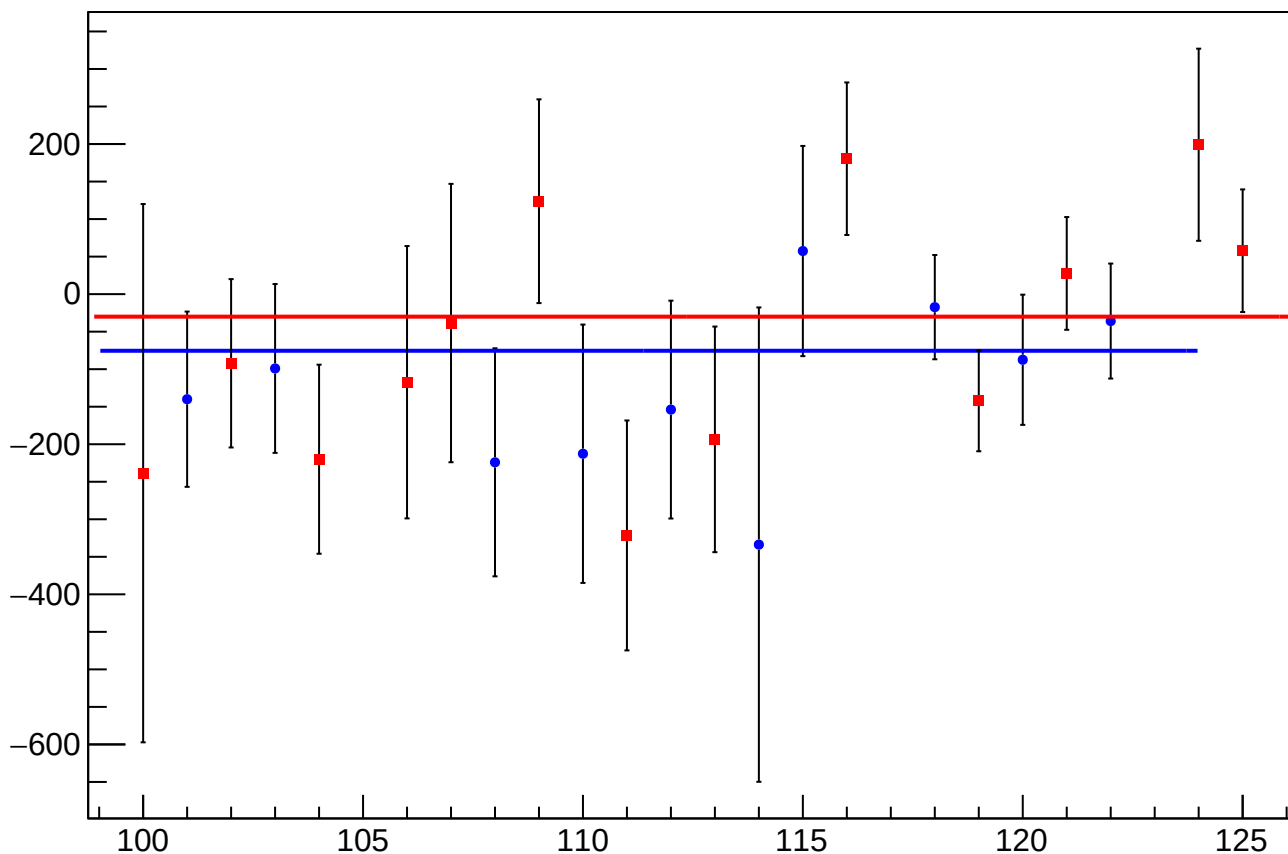
Right: 273.652+/-0.077 χ^2/NDF : 5338303.6/22

In: 266.583+/-0.111 χ^2/NDF :2422123.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 273.652+/-0.077 χ^2/NDF : 5338303.6/22

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: -30.005+/-30.744 χ^2/NDF : 21.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

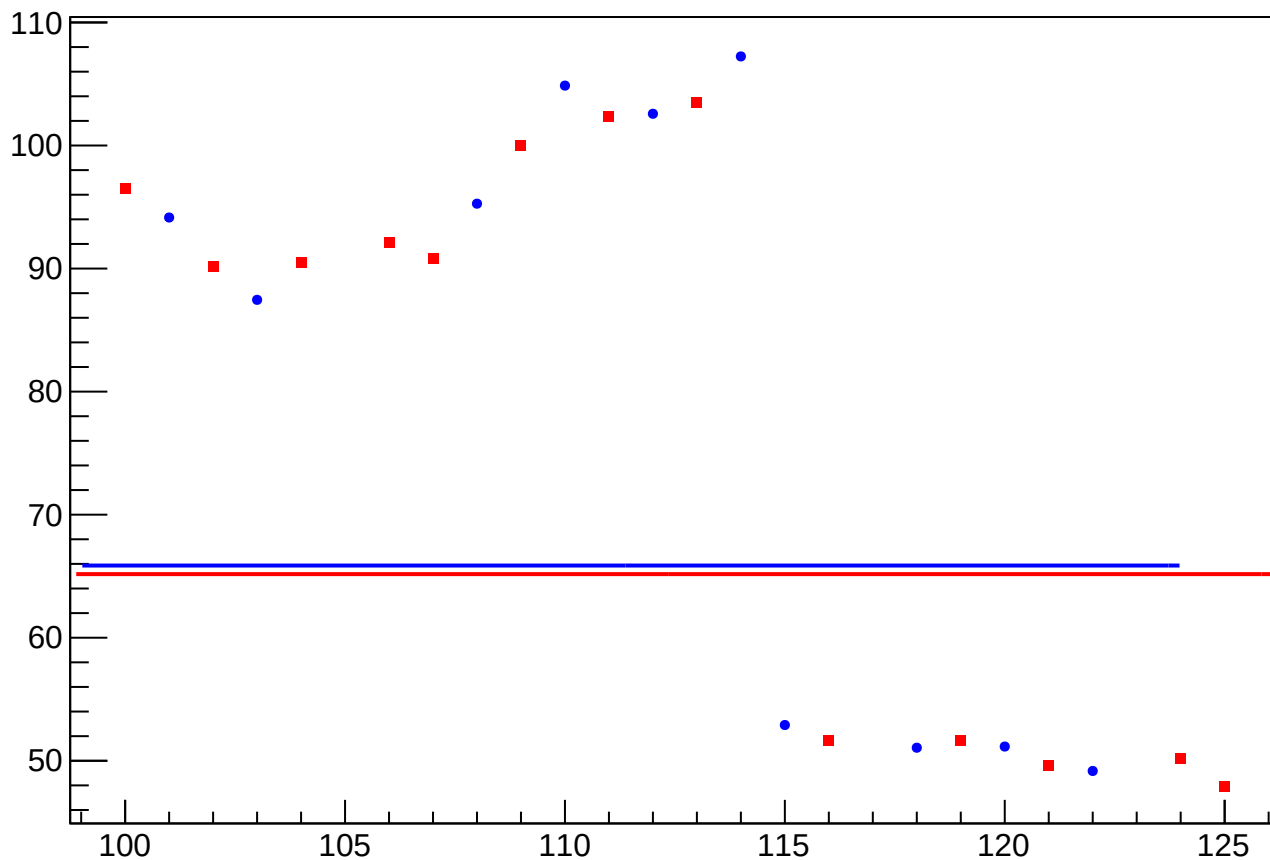
Right: -50.239+/-22.903 χ^2/NDF : 27.0/22

In: -75.471+/-34.332 χ^2/NDF :4.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -50.239+/-22.903 χ^2/NDF : 27.0/22

eigen_cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 65.867+/-0.024 χ^2/NDF : 791326.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.169+/-0.022 χ^2/NDF : 975776.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

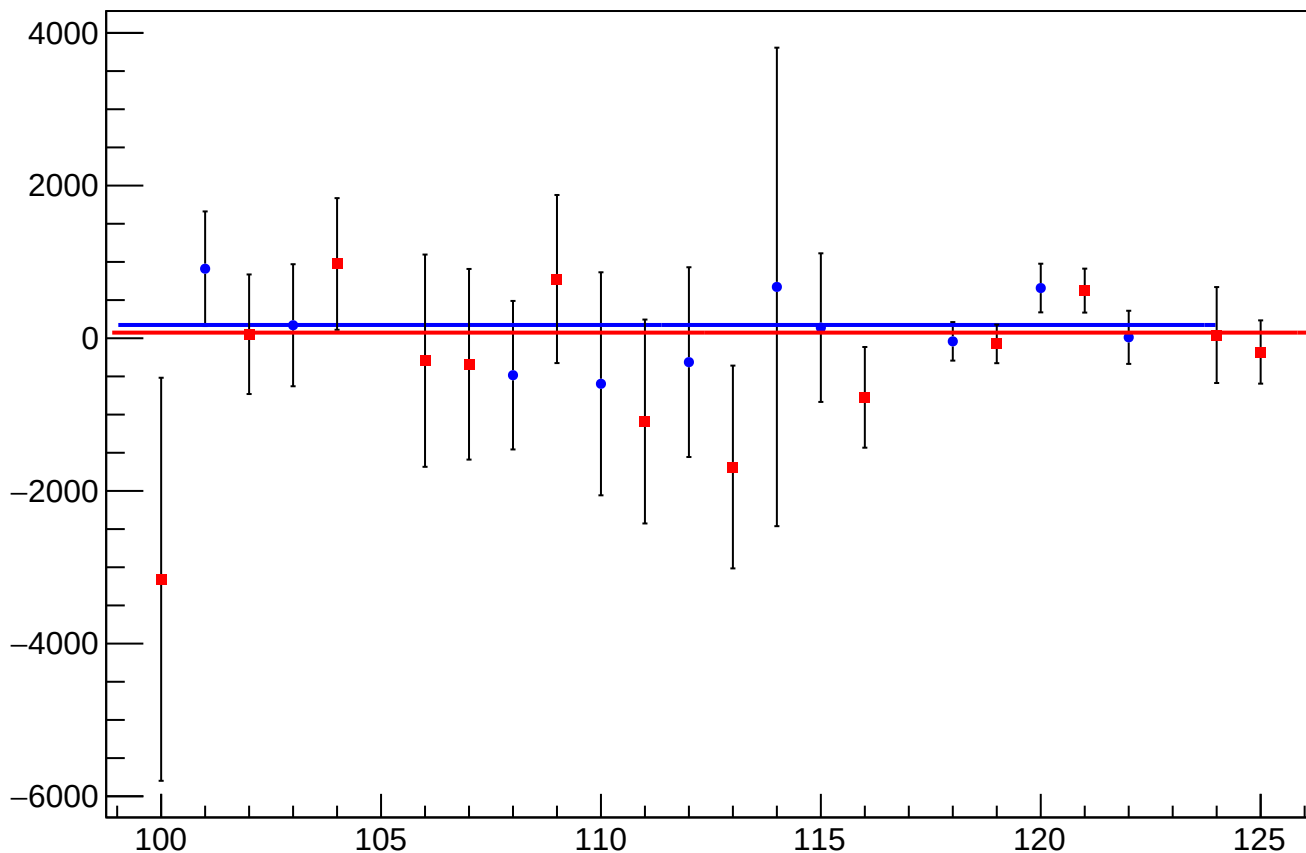
Right: 65.480+/-0.016 χ^2/NDF : 1767560.6/22

In: 65.867+/-0.024 χ^2/NDF : 791326.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.480+/-0.016 χ^2/NDF : 1767560.6/22

asym_sam_37_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 174.104+/-157.187 χ^2/NDF : 5.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.771+/-149.712 χ^2/NDF : 11.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

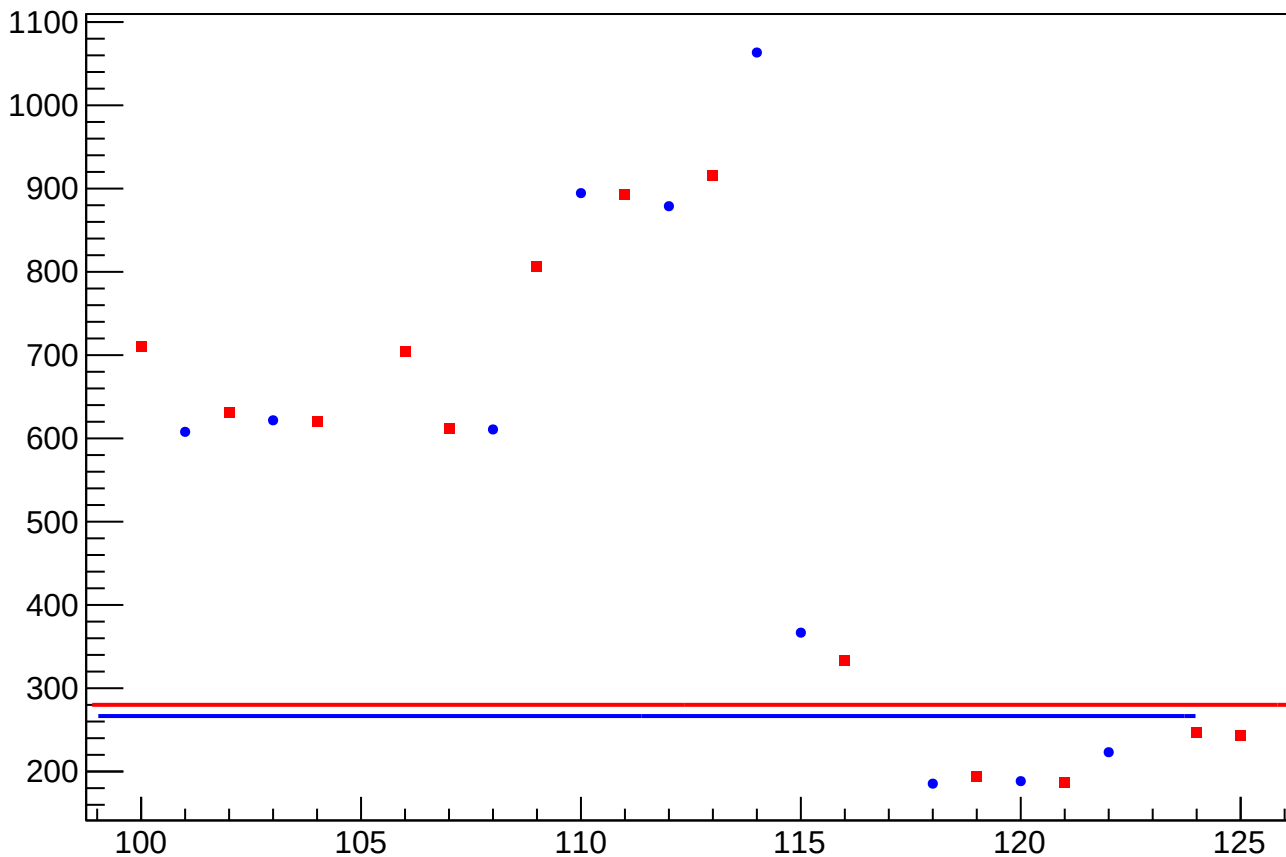
Right: 121.495+/-108.409 χ^2/NDF : 17.1/22

In: 174.104+/-157.187 χ^2/NDF : 5.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.495+/-108.409 χ^2/NDF : 17.1/22

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: 280.064+/-0.106 χ^2/NDF : 2908466.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

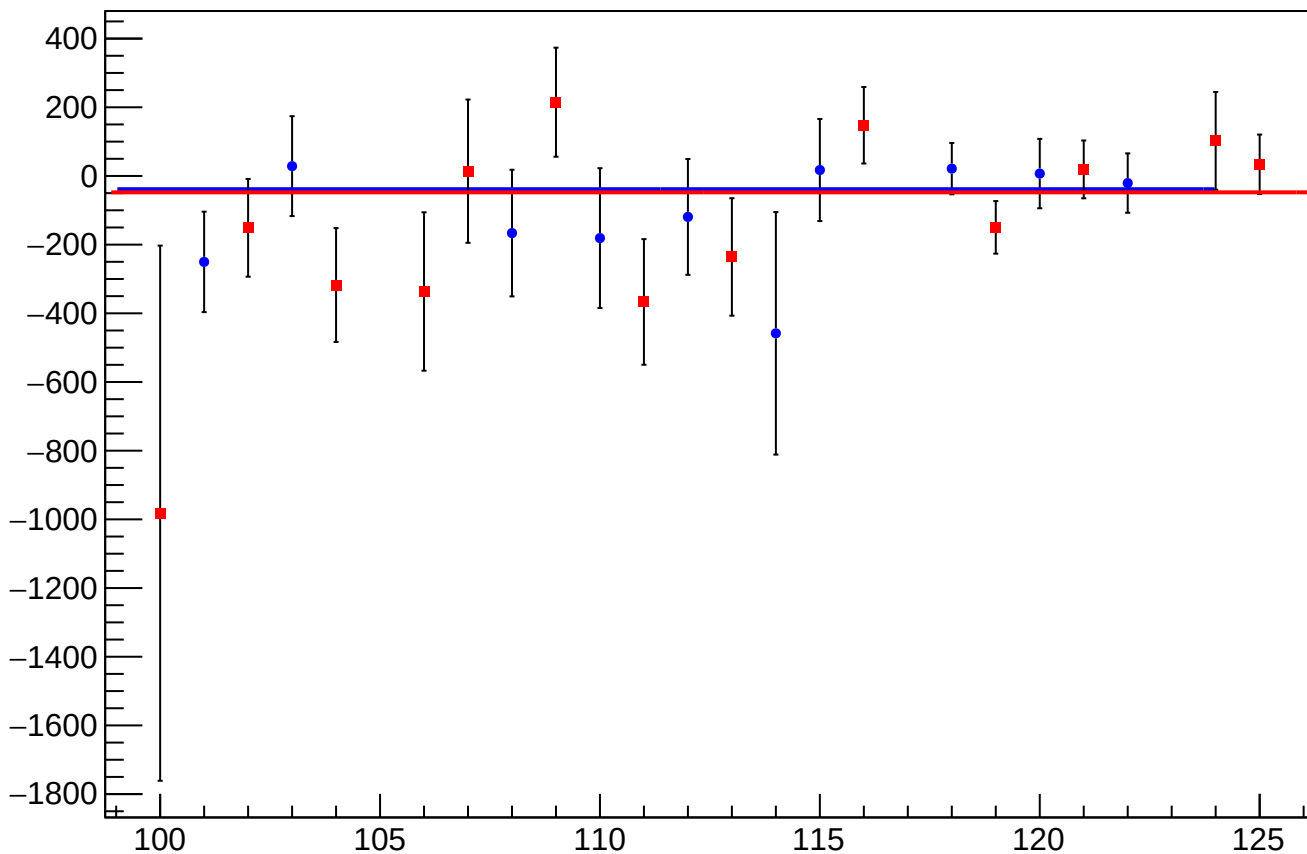
Right: 273.652+/-0.077 χ^2/NDF : 5338303.6/22

In: 266.583+/-0.111 χ^2/NDF :2422123.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 273.652+/-0.077 χ^2/NDF : 5338303.6/22

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -38.595 $\pm$ 39.326 χ^2 /NDF: 5.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -47.694 $\pm$ 35.178 χ^2 /NDF: 20.7/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

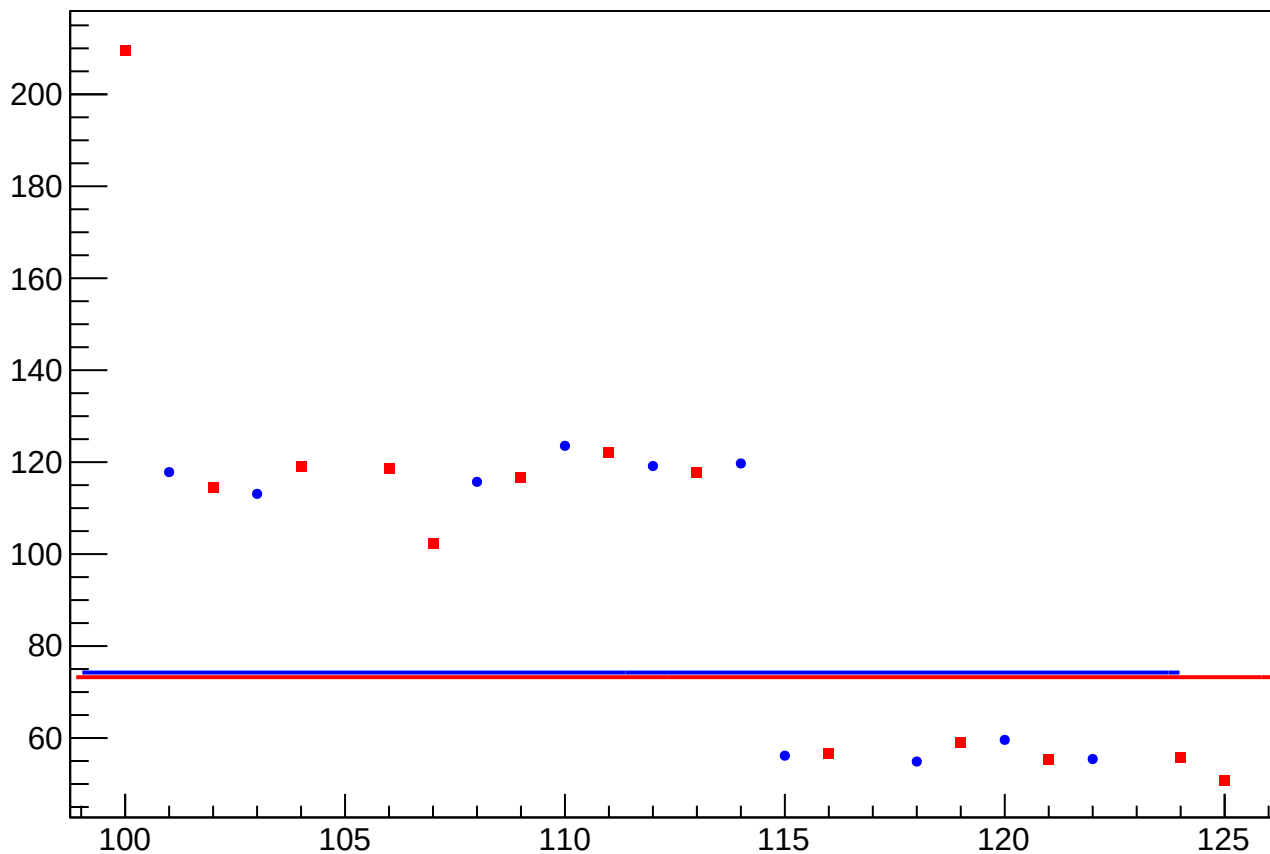
Right: -43.649 $\pm$ 26.219 χ^2 /NDF: 26.7/22

In: -38.595 $\pm$ 39.326 χ^2 /NDF:5.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -43.649 $\pm$ 26.219 χ^2 /NDF: 26.7/22

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: 73.232 $\pm$ 0.025 χ^2 /NDF: 1296507.7/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

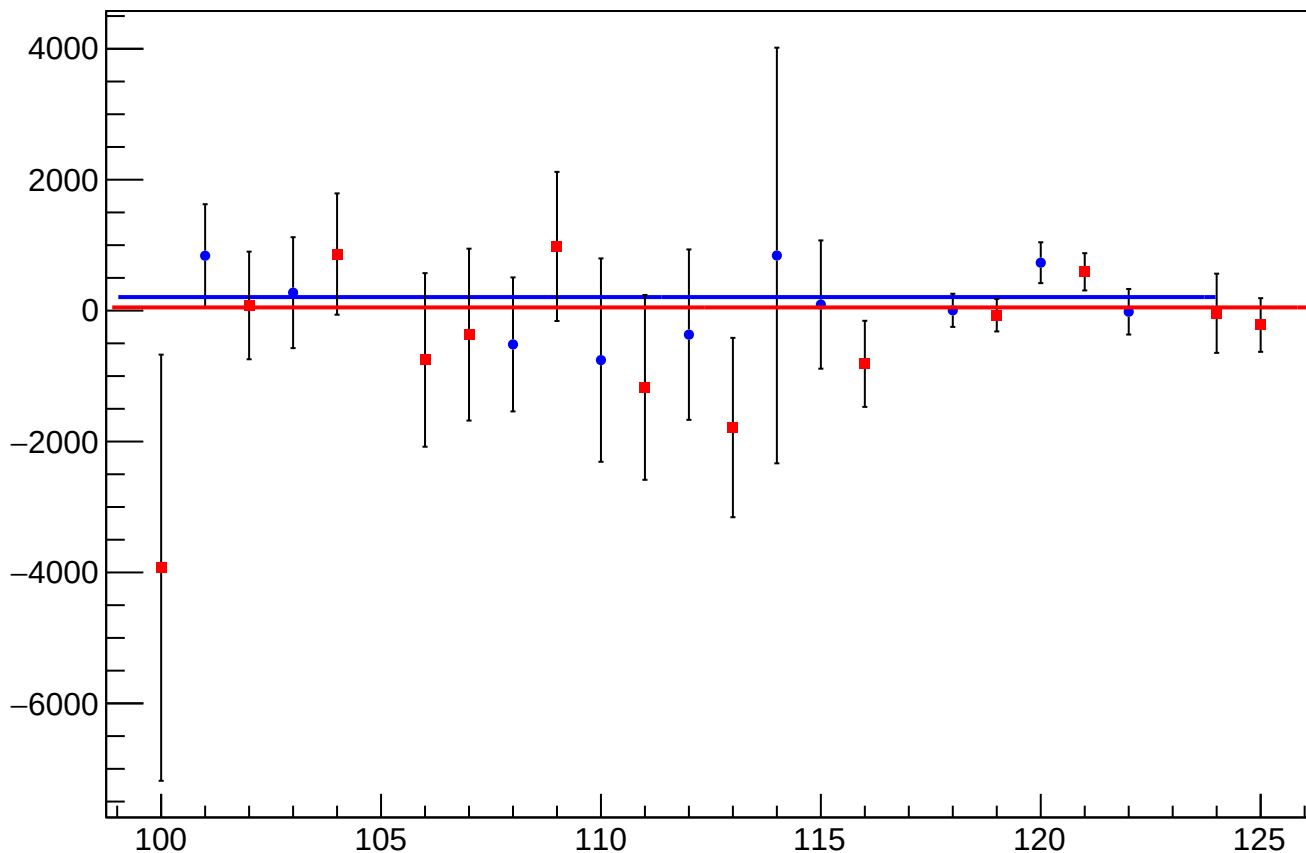
Right: 73.681 $\pm$ 0.019 χ^2 /NDF: 2311552.5/22

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: 73.681 $\pm$ 0.019 χ^2 /NDF: 2311552.5/22

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: 48.997 $\pm$ 148.678 χ^2 /NDF: 12.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

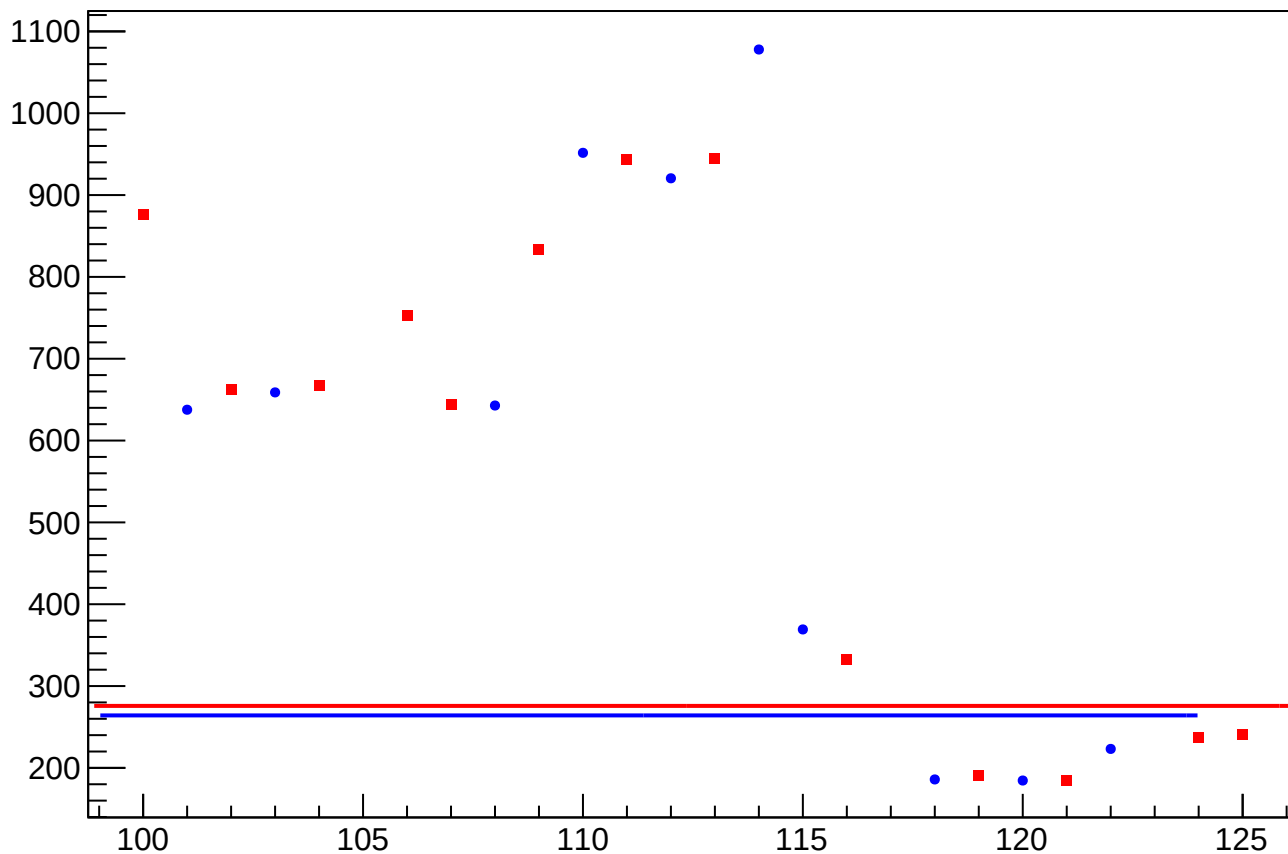
Right: 123.324 $\pm$ 108.157 χ^2 /NDF: 18.2/22

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: 123.324 $\pm$ 108.157 χ^2 /NDF: 18.2/22

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: 275.746+/-0.105 χ^2/NDF : 3164620.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

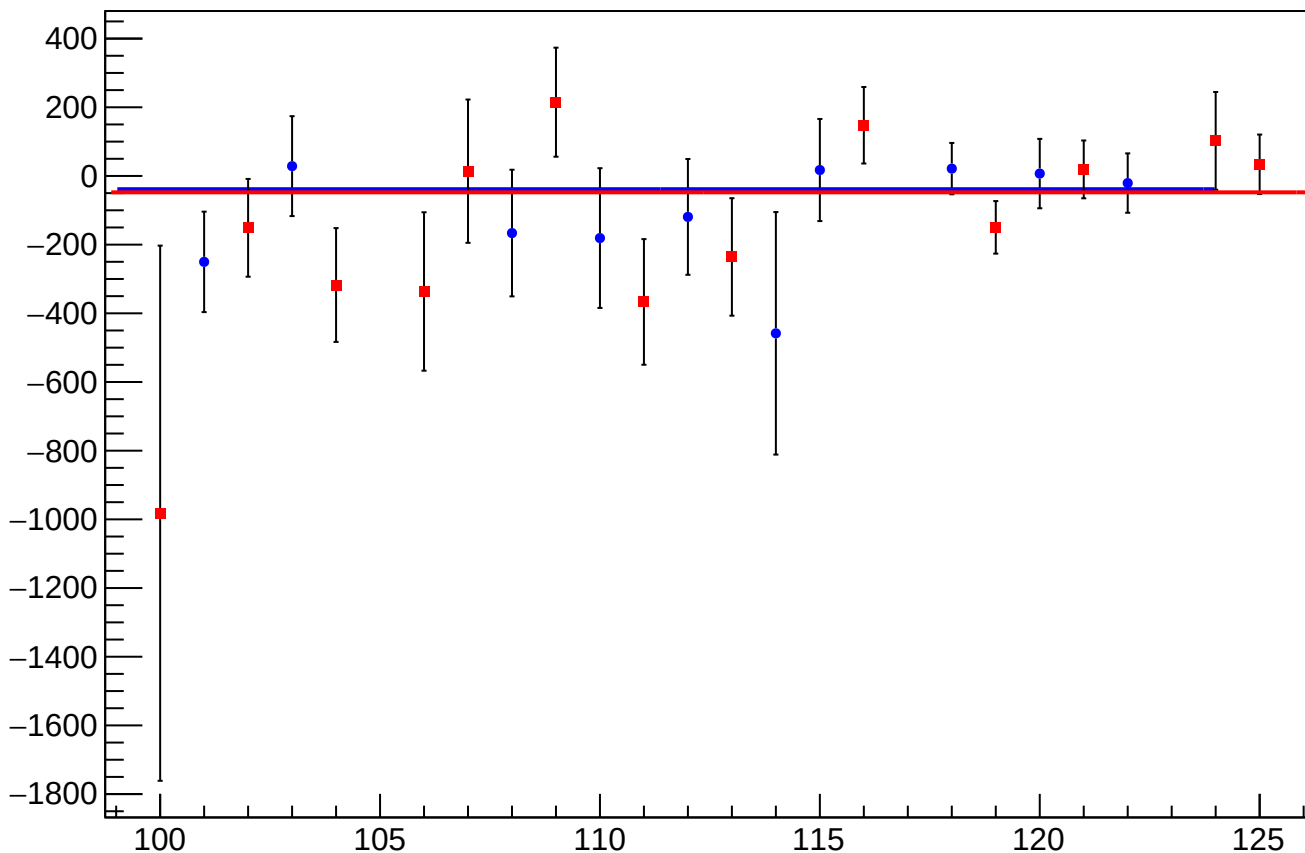
Right: 270.275+/-0.076 χ^2/NDF : 5732508.5/22

In: 264.124+/-0.111 χ^2/NDF : 2562134.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 270.275+/-0.076 χ^2/NDF : 5732508.5/22

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: -47.697 $\pm$ 35.178 χ^2 /NDF: 20.7/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

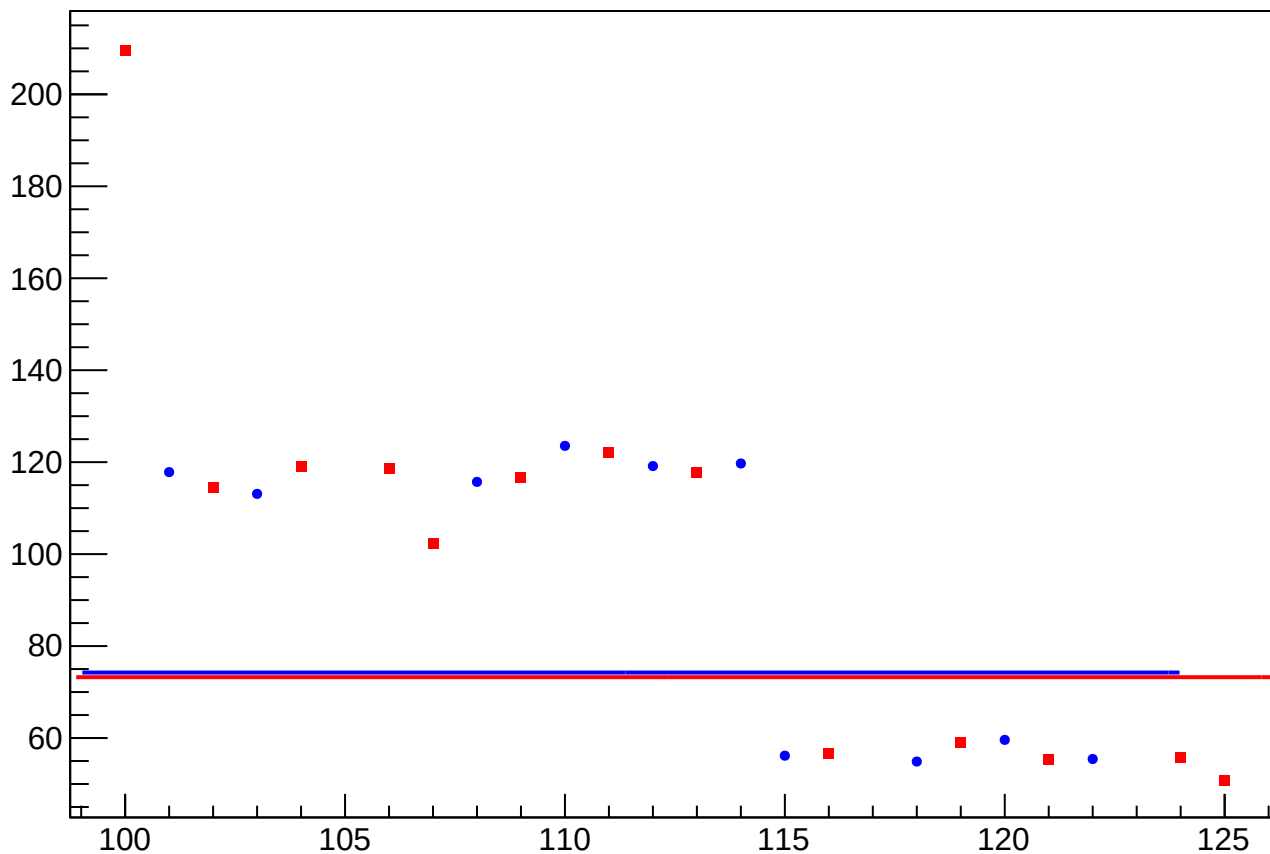
Right: -43.651 $\pm$ 26.219 χ^2 /NDF: 26.7/22

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: -43.651 $\pm$ 26.219 χ^2 /NDF: 26.7/22

eigen_dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 74.242+/-0.028 χ^2/NDF : 1014302.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.232+/-0.025 χ^2/NDF : 1296483.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

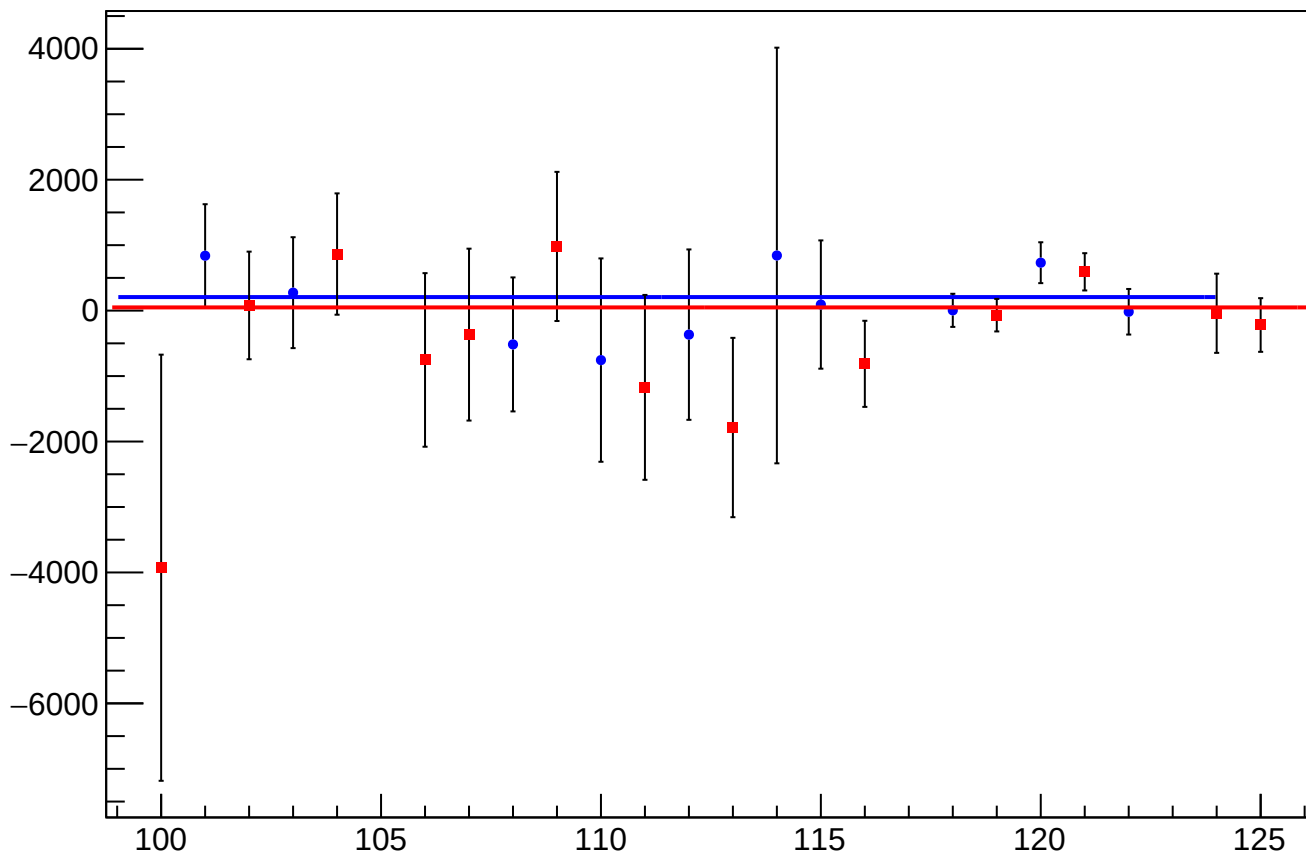
Right: 73.681+/-0.019 χ^2/NDF : 2311517.2/22

In: 74.242+/-0.028 χ^2/NDF : 1014302.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.681+/-0.019 χ^2/NDF : 2311517.2/22

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: 48.996 $\pm$ 148.679 χ^2 /NDF: 12.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

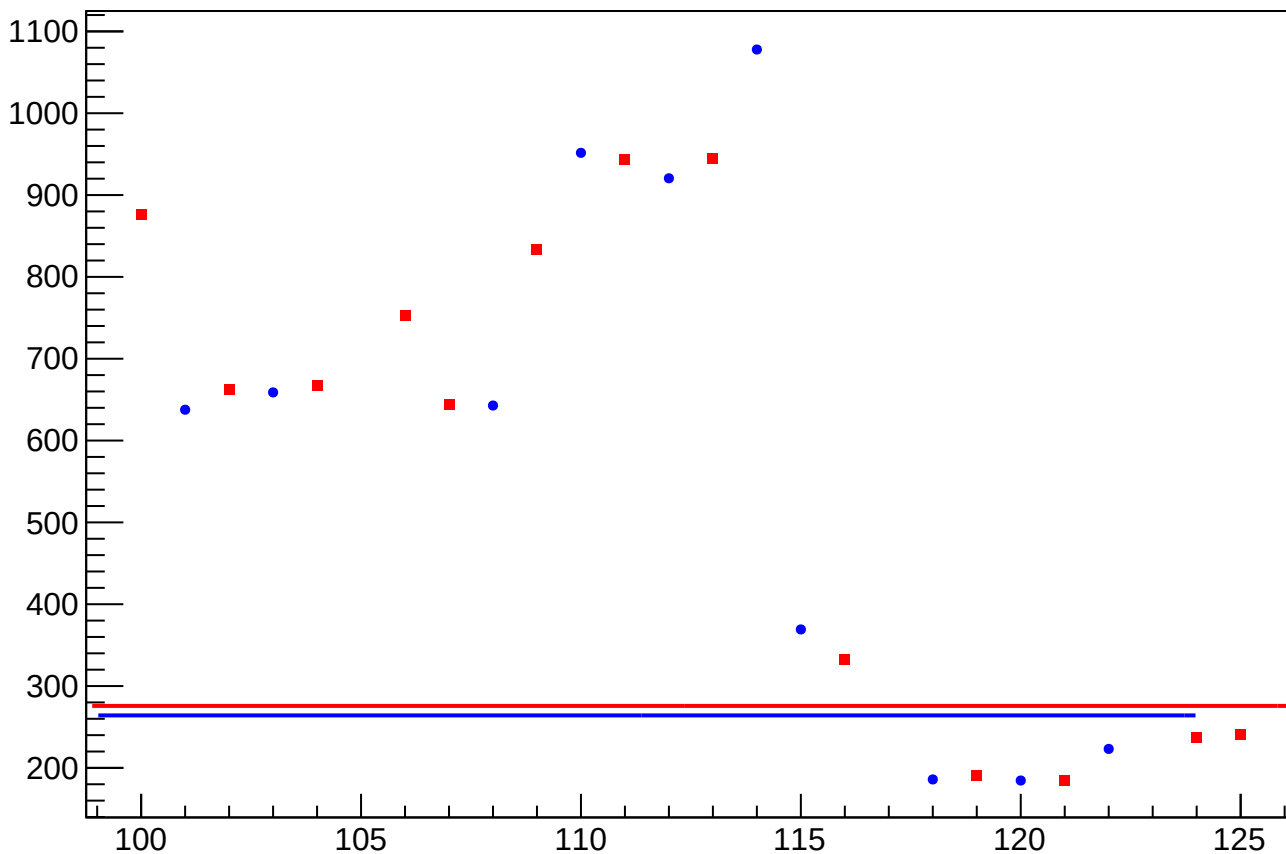
Right: 123.322 $\pm$ 108.157 χ^2 /NDF: 18.2/22

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: 123.322 $\pm$ 108.157 χ^2 /NDF: 18.2/22

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: 275.747+/-0.105 χ^2/NDF : 3164606.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

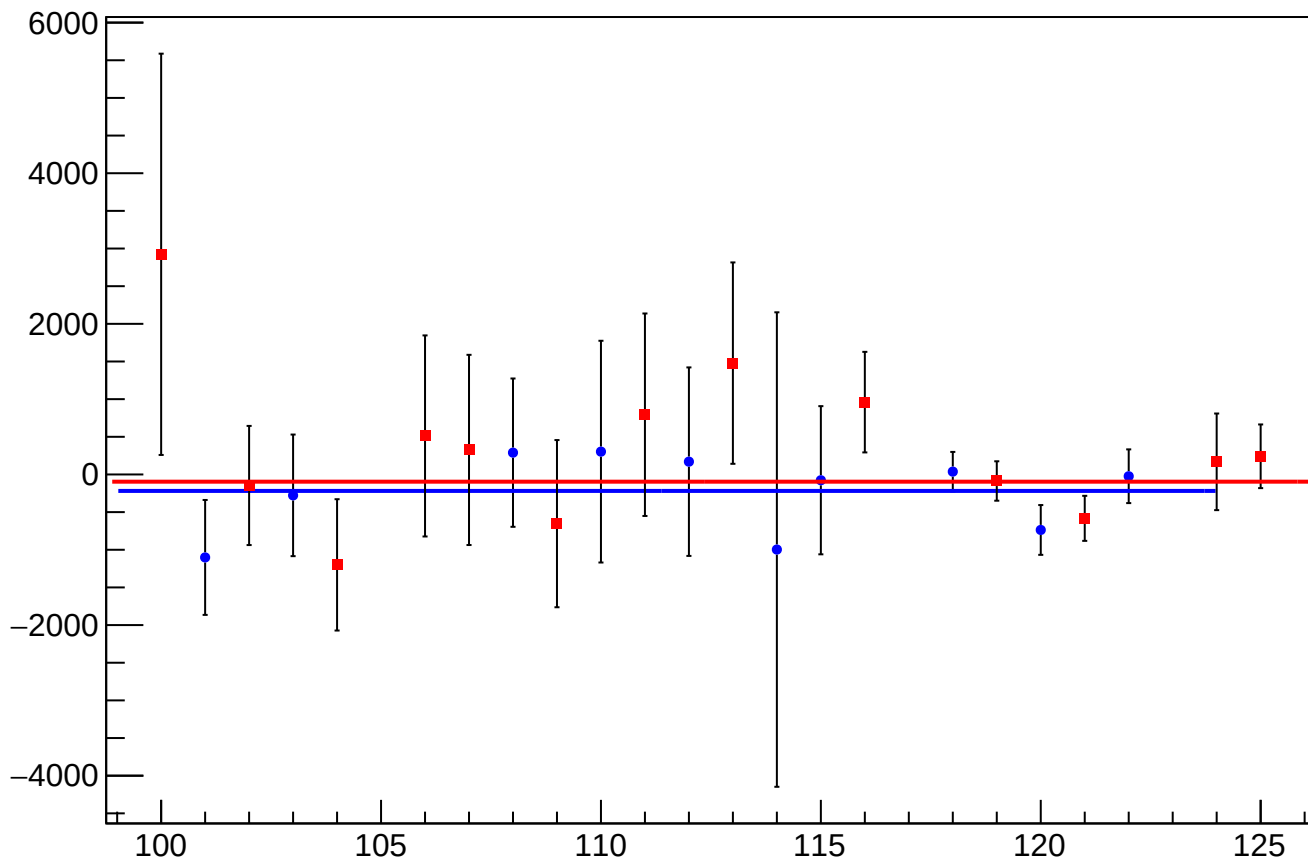
Right: 270.275+/-0.076 χ^2/NDF : 5732491.1/22

In: 264.124+/-0.111 χ^2/NDF :2562130.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 270.275+/-0.076 χ^2/NDF : 5732491.1/22

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: -95.803+/-153.894 χ^2/NDF : 11.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

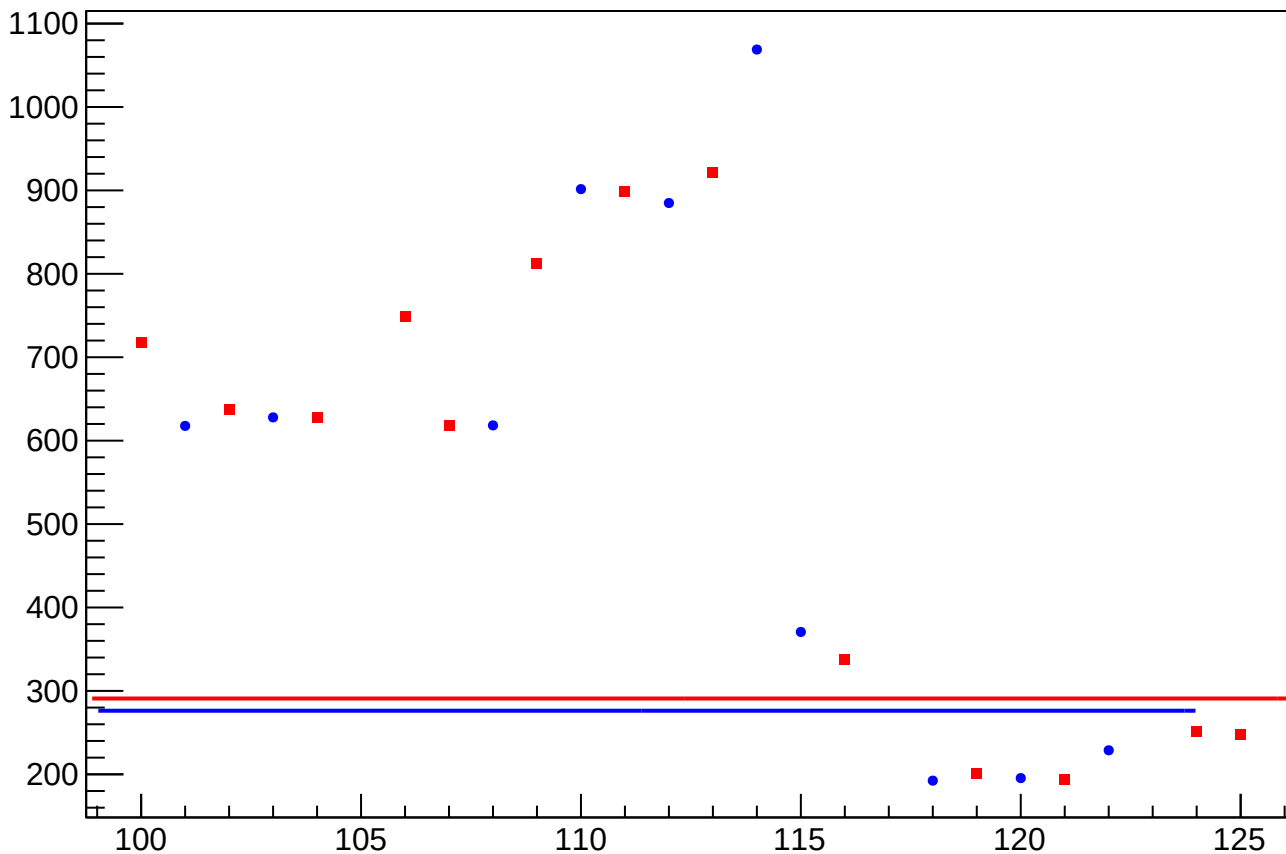
Right: -154.068+/-111.575 χ^2/NDF : 17.2/22

In: -218.630+/-161.999 χ^2/NDF : 5.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -154.068+/-111.575 χ^2/NDF : 17.2/22

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: 290.909+/-0.109 χ^2/NDF : 2882700.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

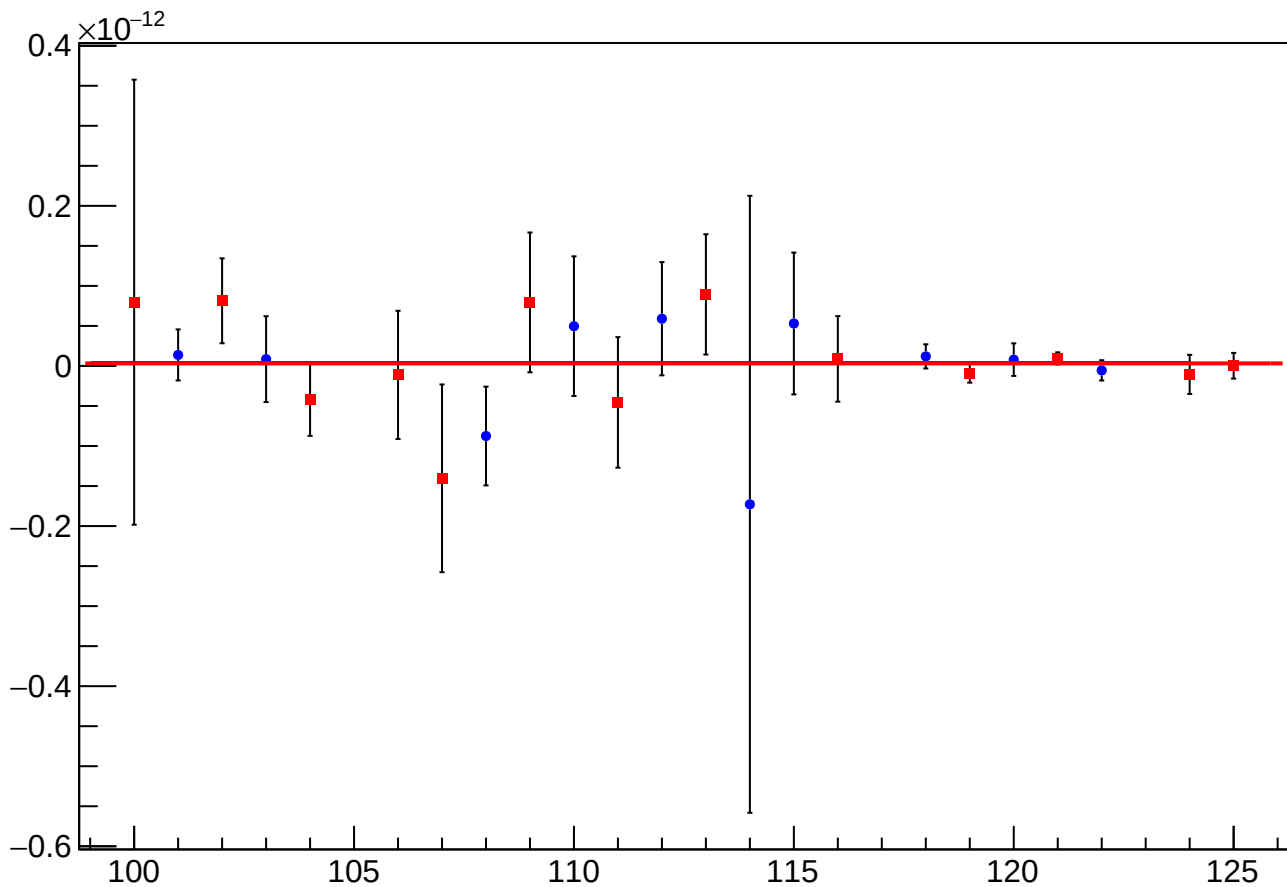
Right: 283.951+/-0.079 χ^2/NDF : 5251194.7/22

In: 276.241+/-0.115 χ^2/NDF : 2359876.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 283.951+/-0.079 χ^2/NDF : 5251194.7/22

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 : 9.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

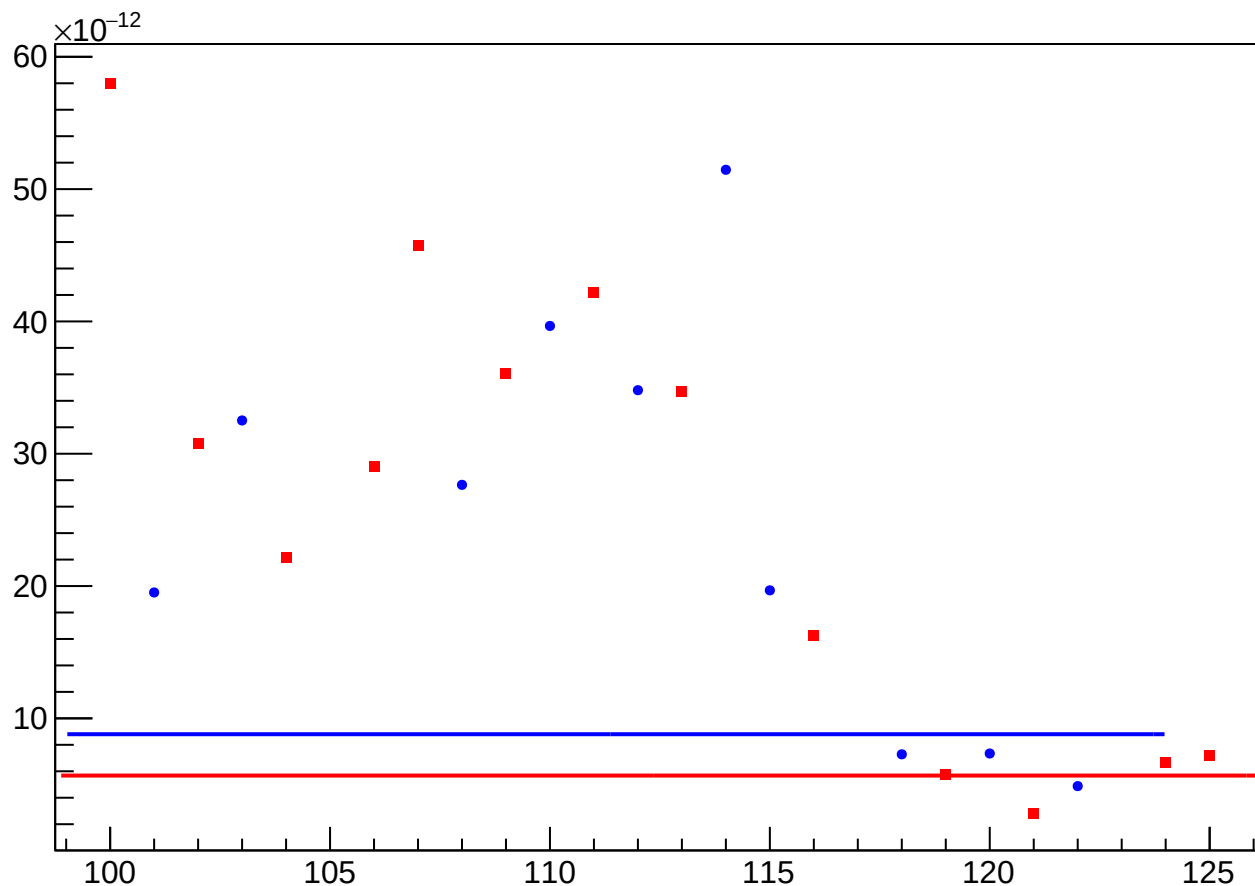
Right: 0.000+/-0.000 χ^2/NDF : 13.9/22

In: 0.000+/-0.000 χ^2/NDF : 4.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.9/22

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 : 2519967.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

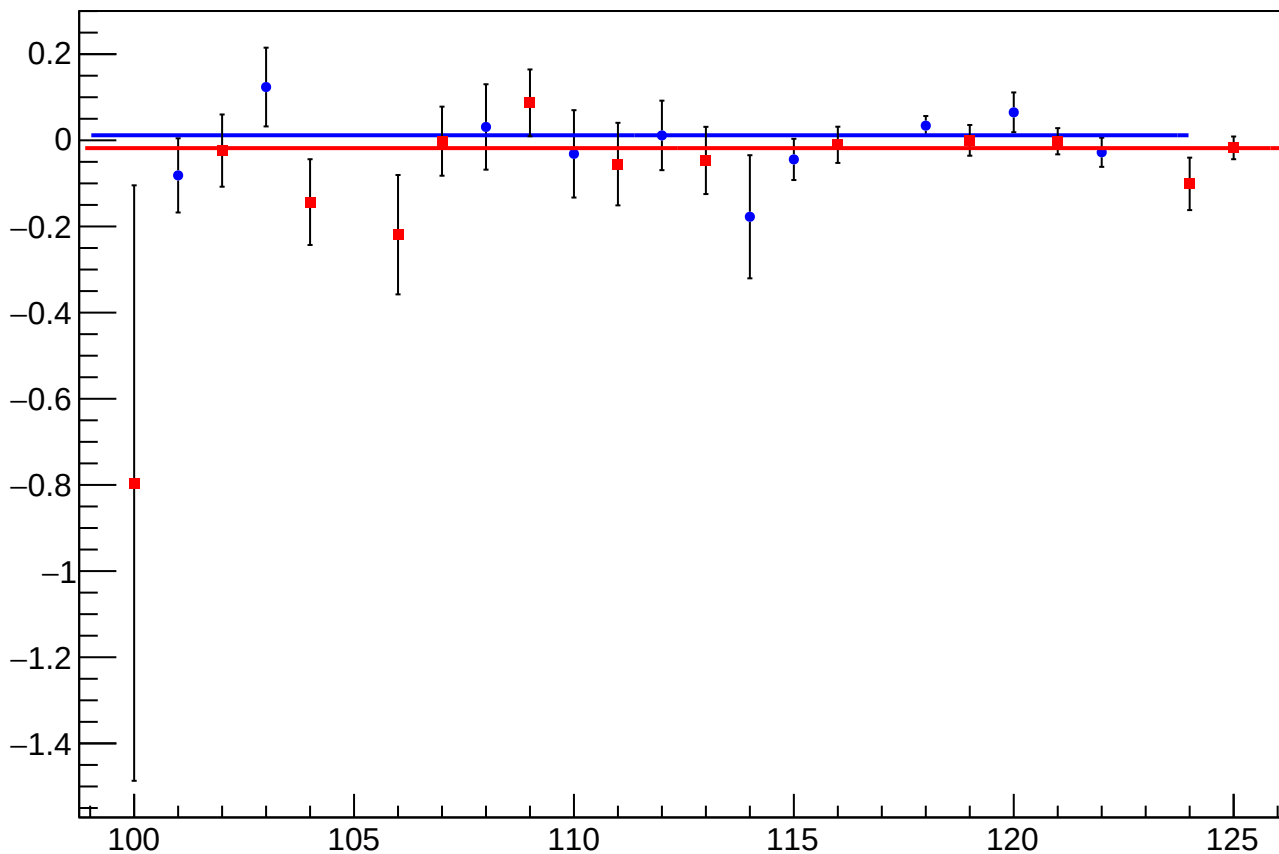
Right: 0.000+/-0.000 χ^2/NDF : 4322211.9/22

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 : 4322211.9/22

asym_sam_37_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.015 χ^2 /NDF: 9.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.018 $\pm$ 0.014 χ^2 /NDF: 9.5/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

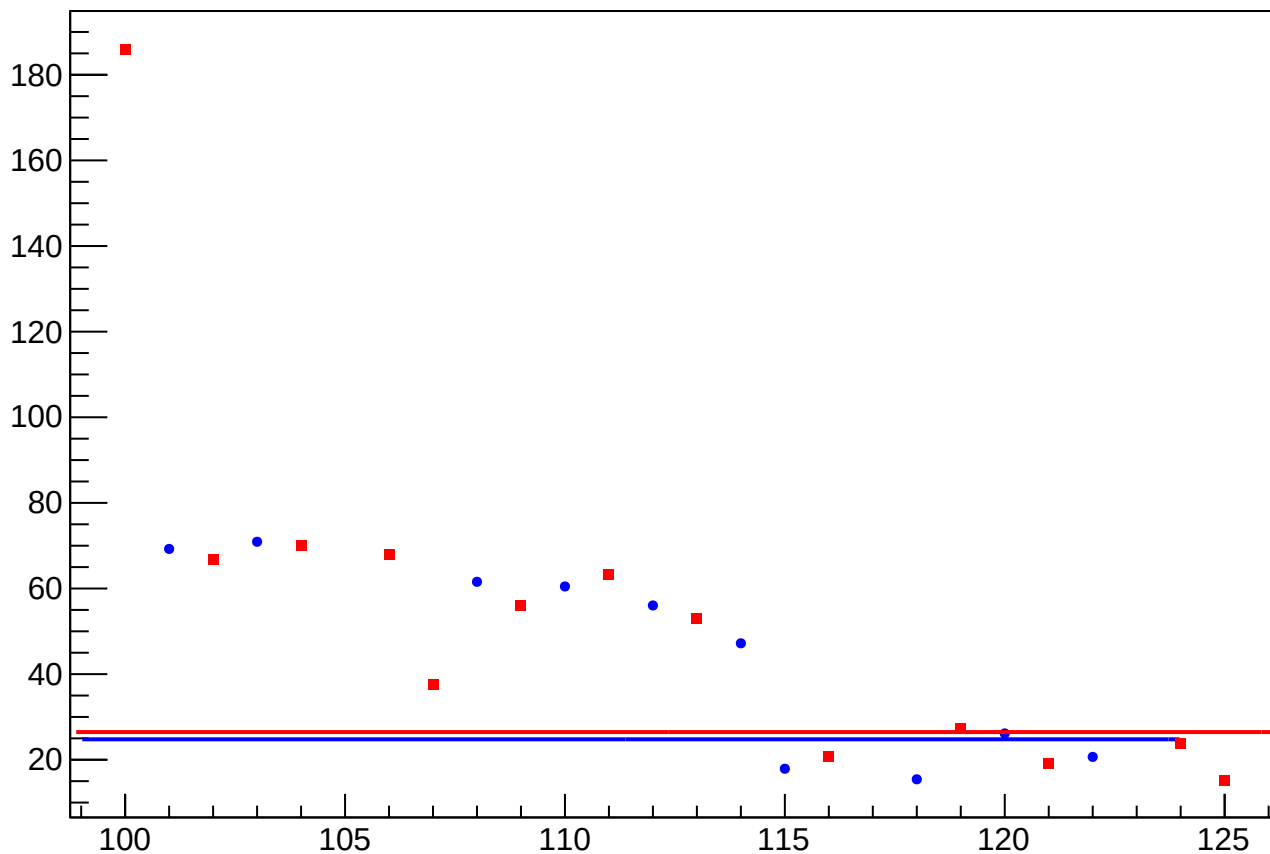
Right: -0.004 $\pm$ 0.010 χ^2 /NDF: 21.3/22

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: -0.004 $\pm$ 0.010 χ^2 /NDF: 21.3/22

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: 26.470+/-0.010 χ^2/NDF : 2516166.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

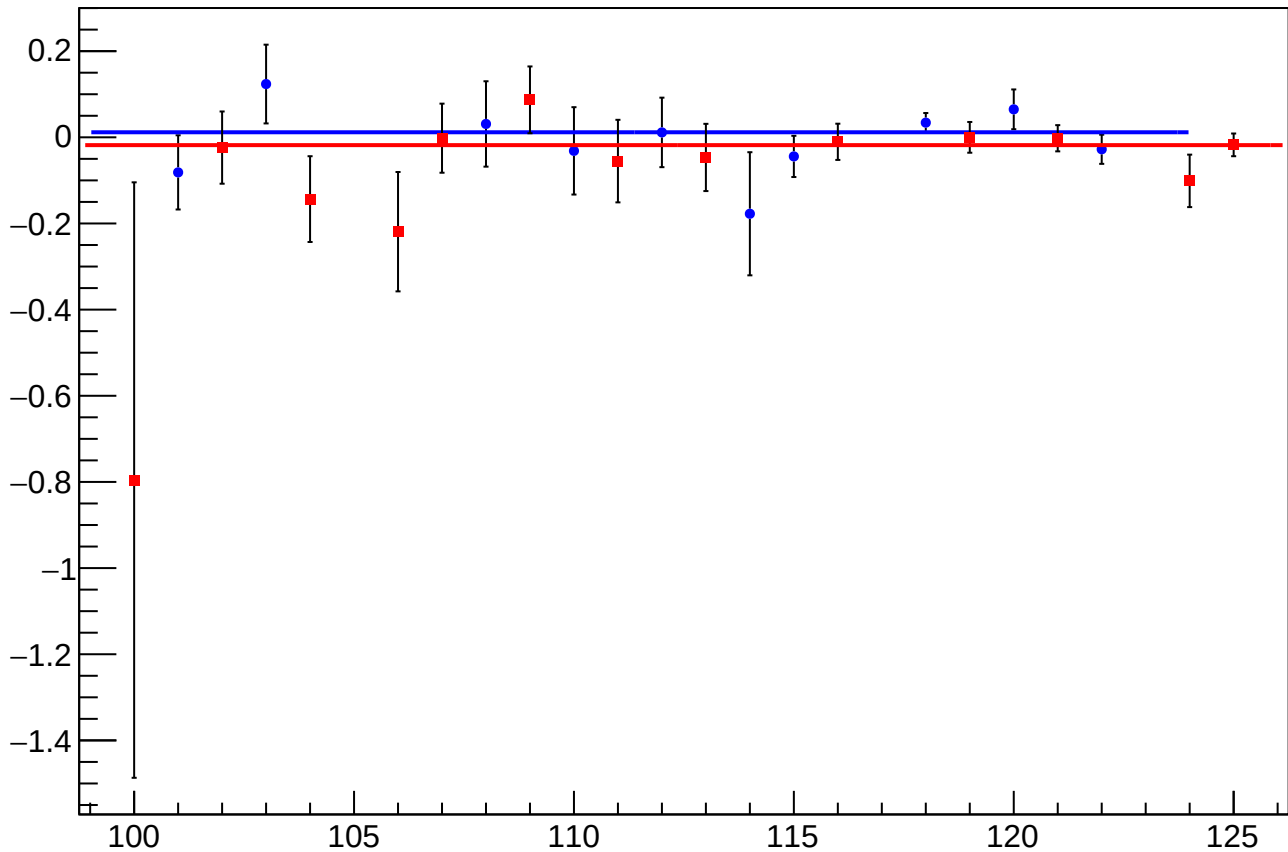
Right: 25.678+/-0.007 χ^2/NDF : 4867209.2/22

In: 24.778+/-0.011 χ^2/NDF :2337541.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 25.678+/-0.007 χ^2/NDF : 4867209.2/22

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.015 χ^2 /NDF: 9.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.018 $\pm$ 0.014 χ^2 /NDF: 9.5/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

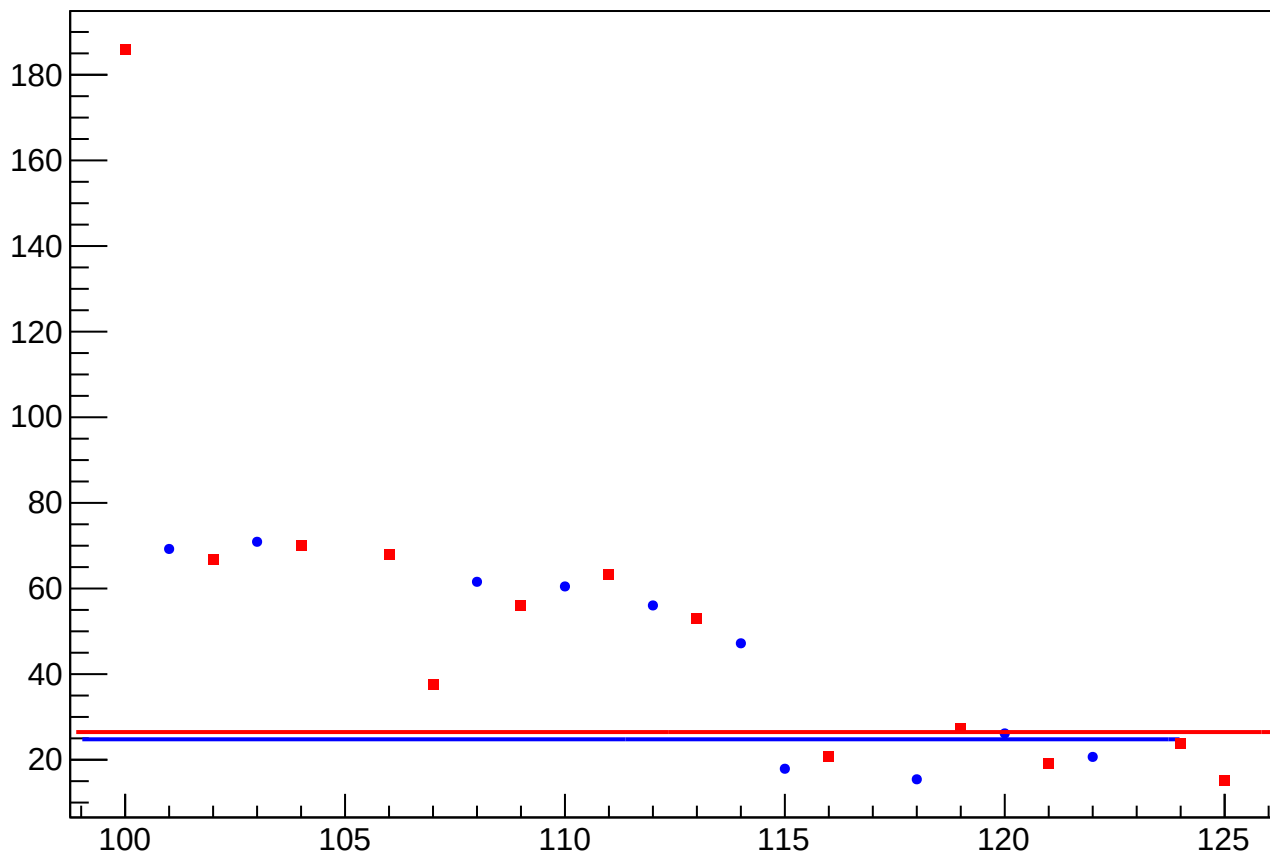
Right: -0.004 $\pm$ 0.010 χ^2 /NDF: 21.3/22

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: -0.004 $\pm$ 0.010 χ^2 /NDF: 21.3/22

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: 26.470+/-0.010 χ^2/NDF : 2516166.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

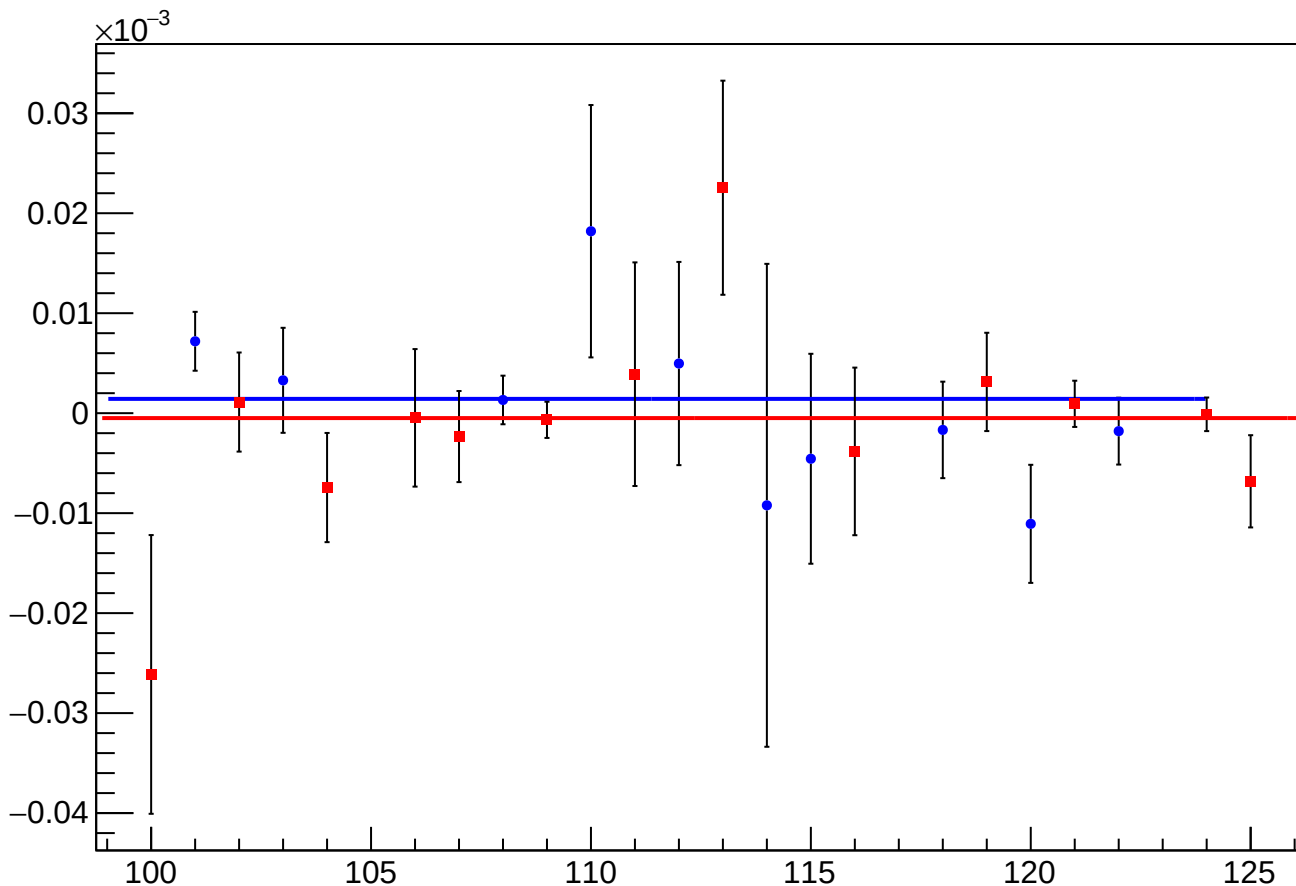
Right: 25.678+/-0.007 χ^2/NDF : 4867209.2/22

In: 24.778+/-0.011 χ^2/NDF : 2337541.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.678+/-0.007 χ^2/NDF : 4867209.2/22

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 : 13.1/12

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

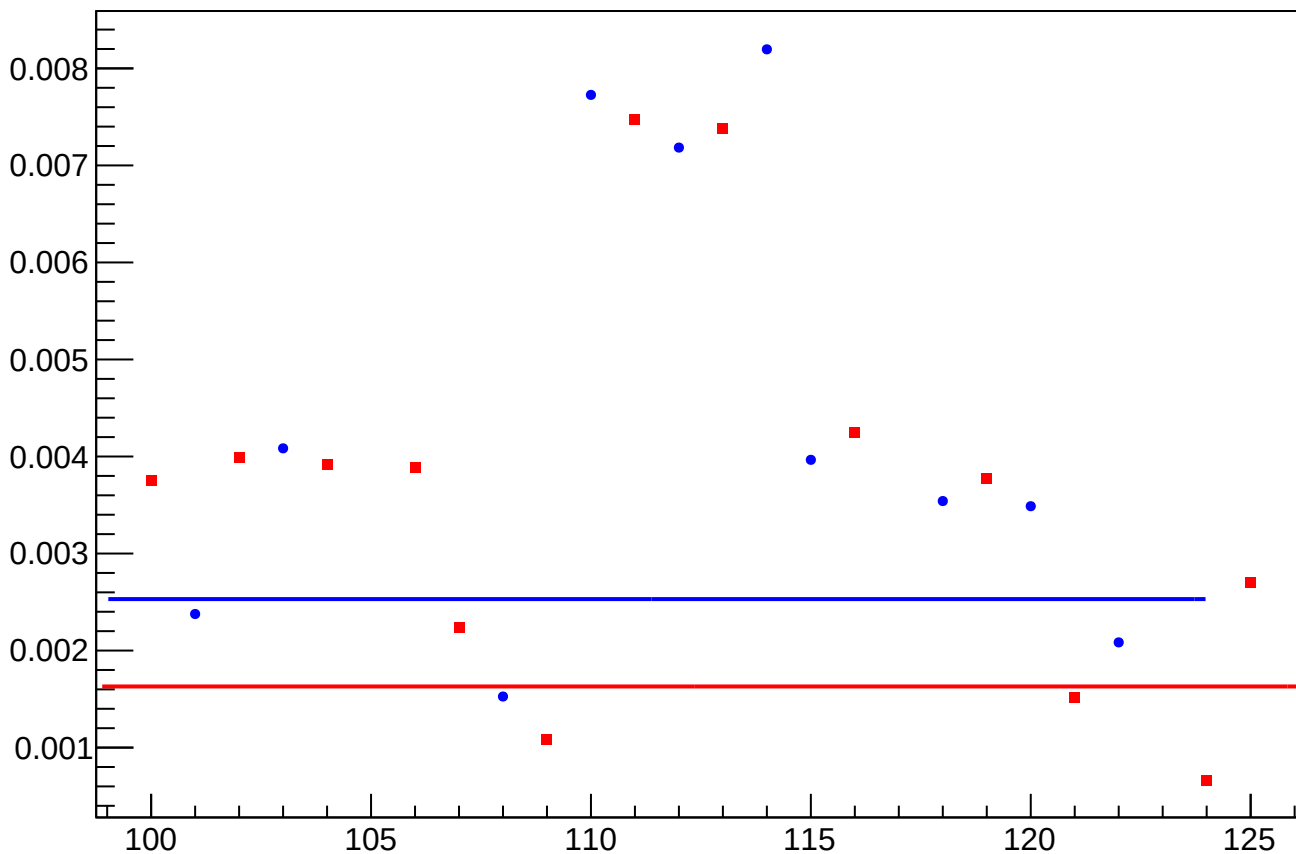
Right: 0.000 +/- 0.000 χ^2/NDF : 26.5/22

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 : 26.5/22

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 : 3766547.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

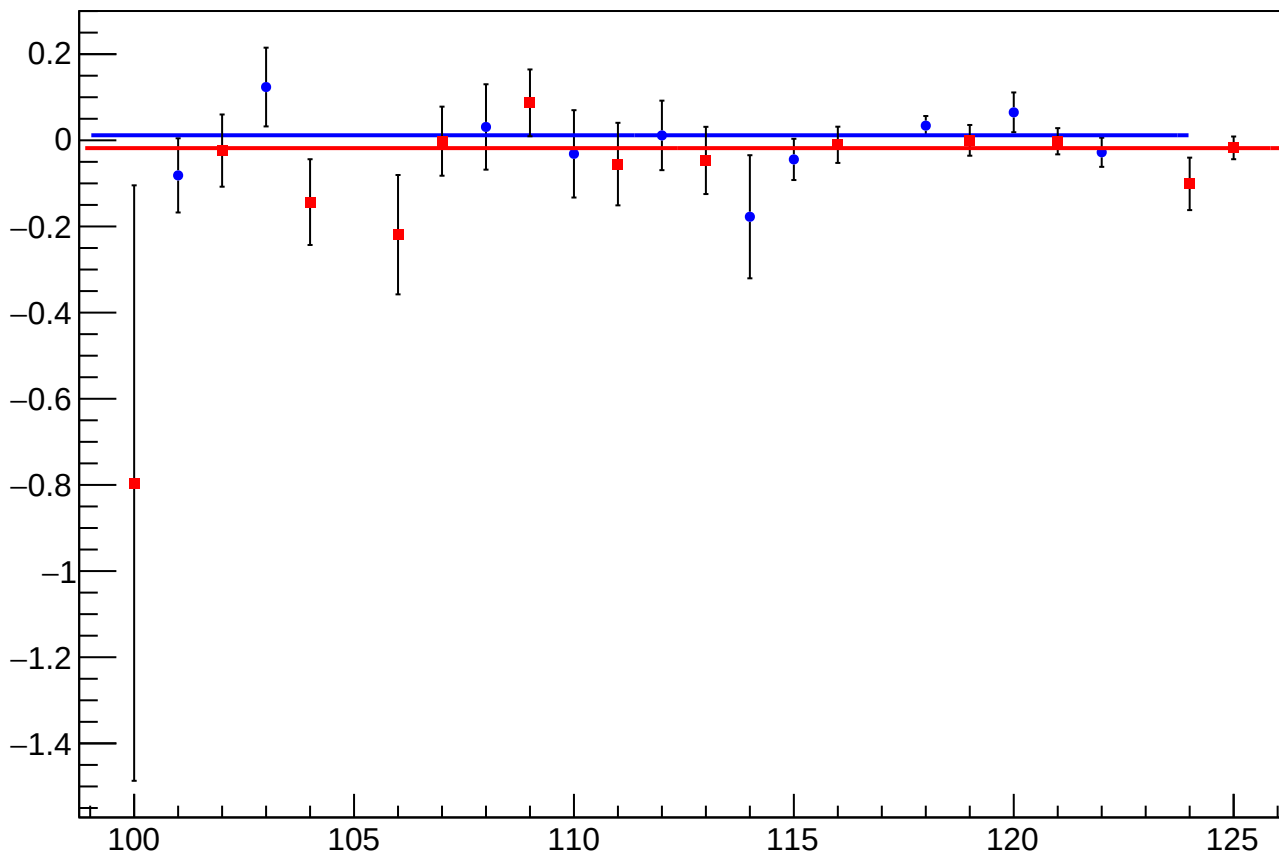
Right: 0.002+/-0.000 χ^2/NDF : 5936389.9/22

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 : 5936389.9/22

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 ± 0.015 χ^2/NDF : 9.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.018 ± 0.014 χ^2/NDF : 9.5/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

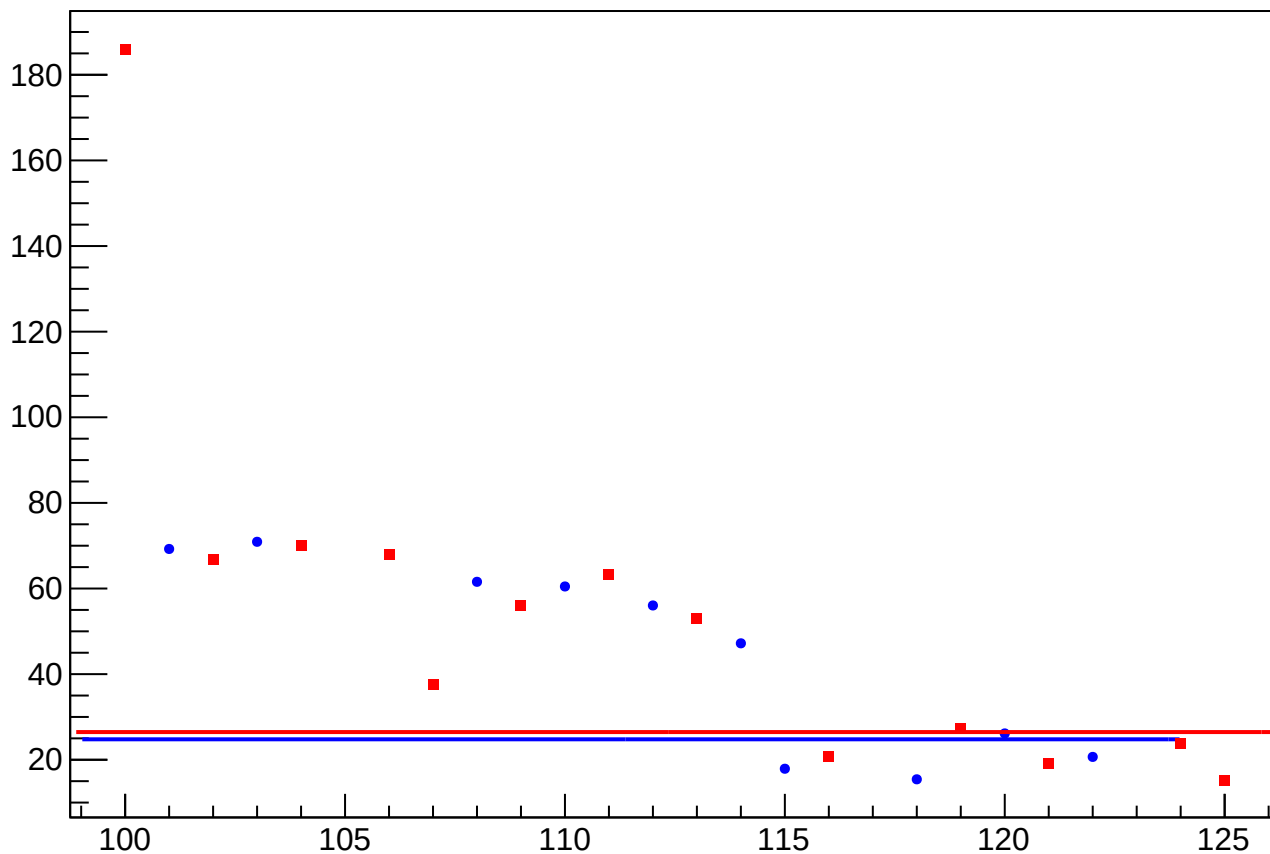
Right: -0.004 ± 0.010 χ^2/NDF : 21.3/22

In: 0.012 ± 0.015 χ^2/NDF : 9.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.004 ± 0.010 χ^2/NDF : 21.3/22

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.777 $\pm$ 0.011 χ^2 /NDF: 2337609.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 26.471 $\pm$ 0.010 χ^2 /NDF: 2515948.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

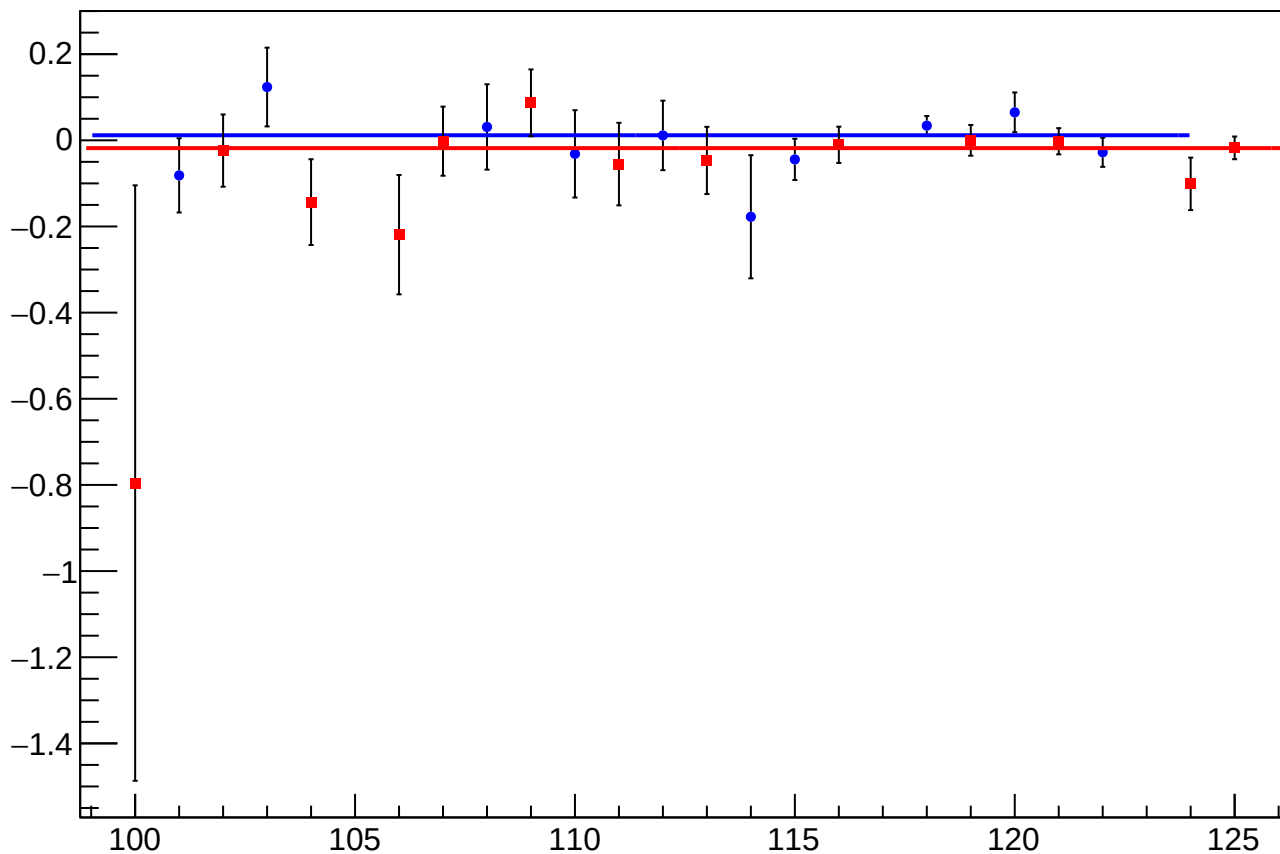
Right: 25.677 $\pm$ 0.007 χ^2 /NDF: 4867090.8/22

In: 24.777 $\pm$ 0.011 χ^2 /NDF:2337609.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 25.677 $\pm$ 0.007 χ^2 /NDF: 4867090.8/22

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.015 χ^2 /NDF: 9.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.018 $\pm$ 0.014 χ^2 /NDF: 9.5/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

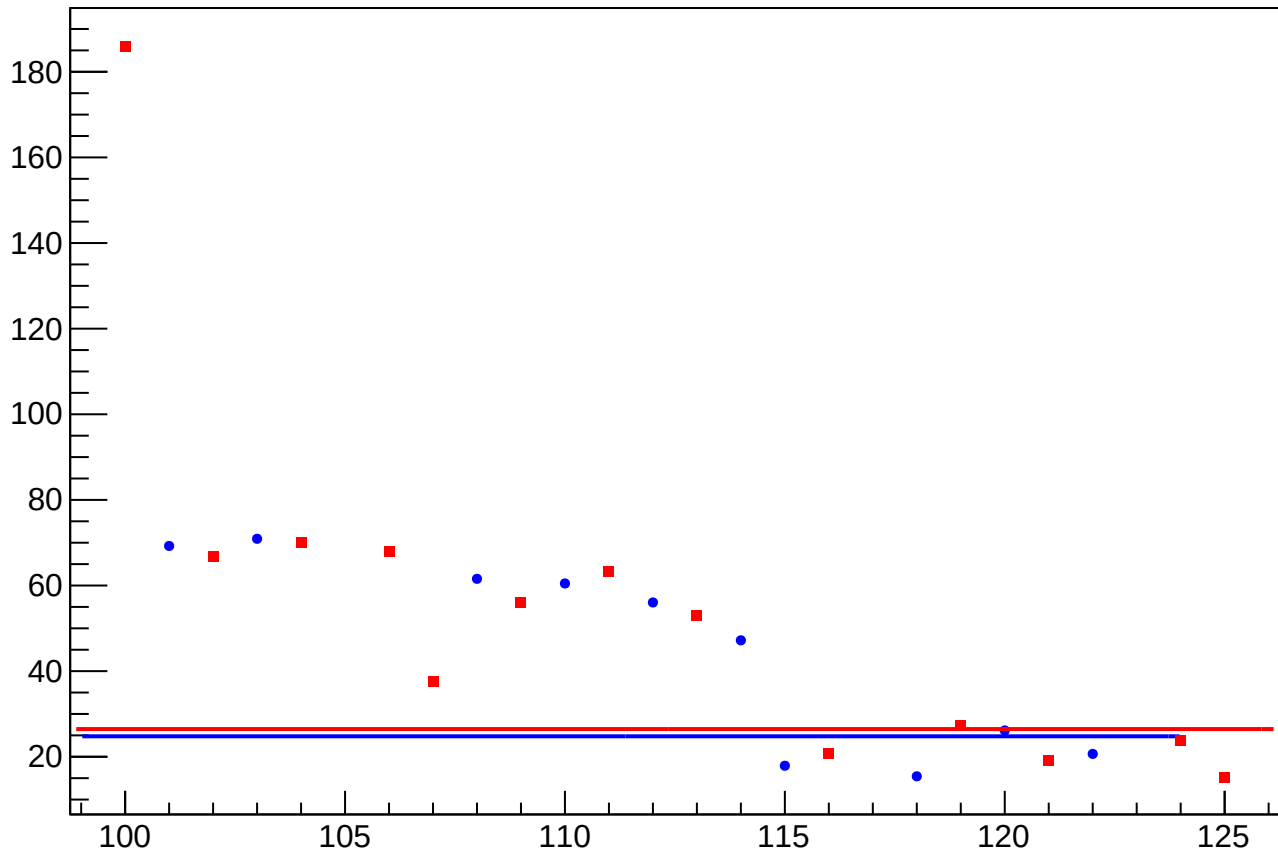
Right: -0.004 $\pm$ 0.010 χ^2 /NDF: 21.3/22

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: -0.004 $\pm$ 0.010 χ^2 /NDF: 21.3/22

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: 26.471+/-0.010 χ^2/NDF : 2515948.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

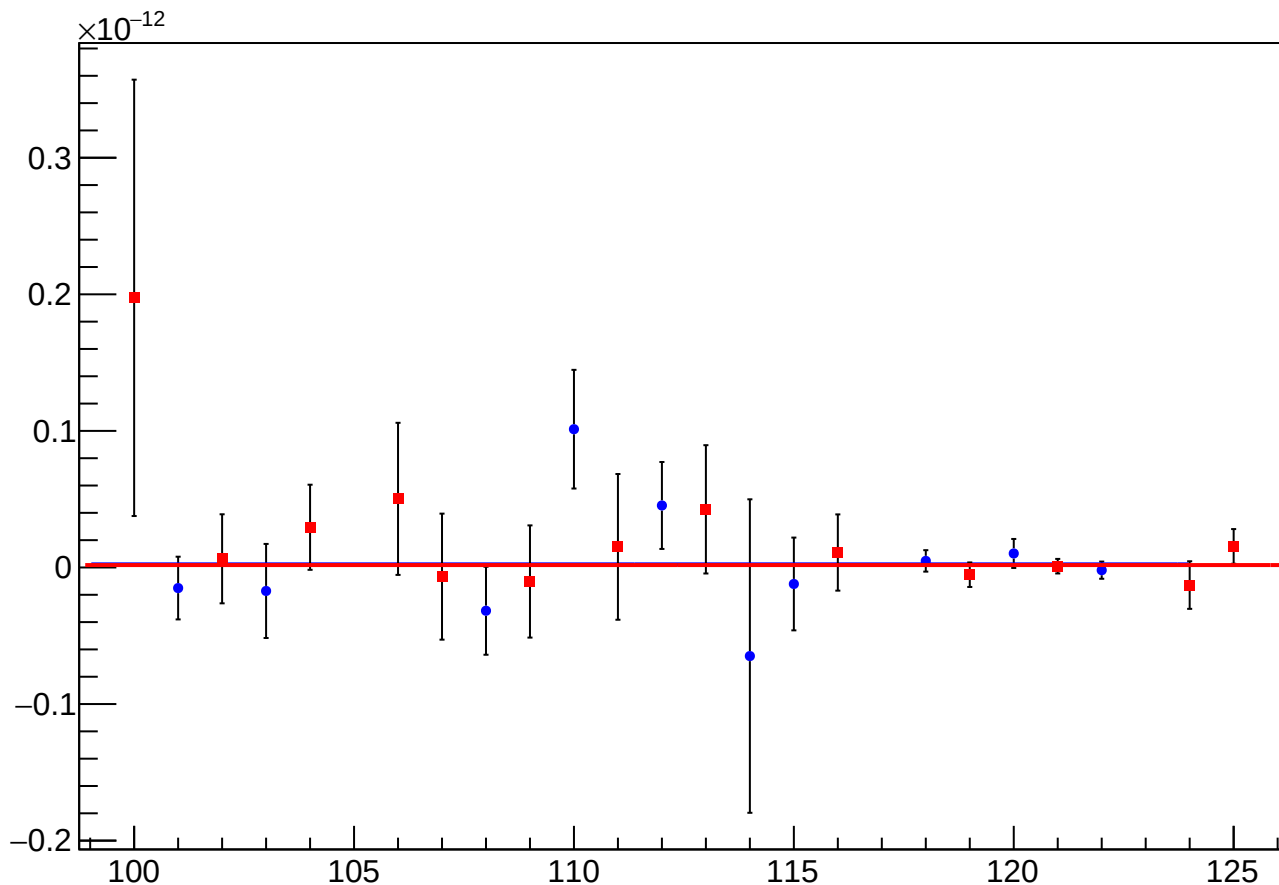
Right: 25.677+/-0.007 χ^2/NDF : 4867090.8/22

In: 24.777+/-0.011 χ^2/NDF : 2337609.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.677+/-0.007 χ^2/NDF : 4867090.8/22

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 : 6.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

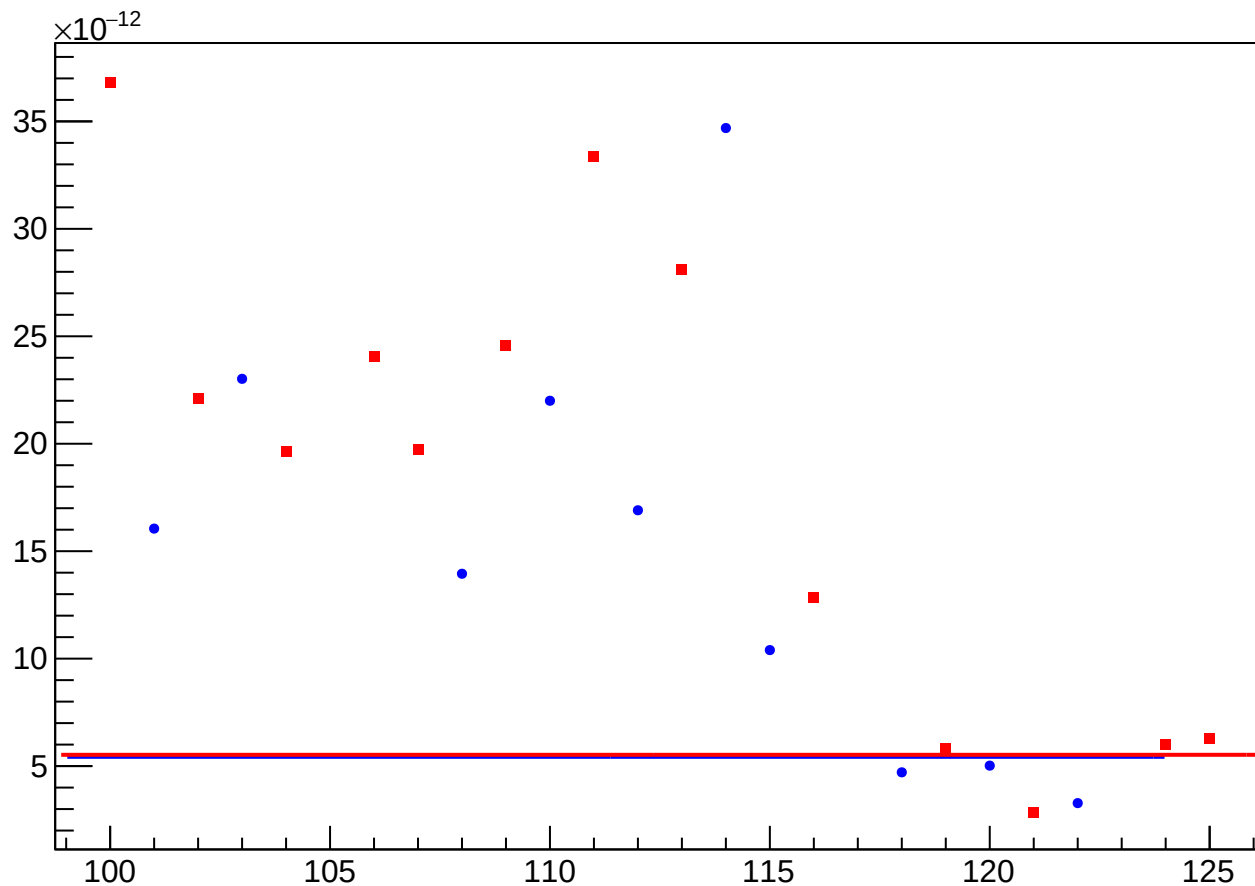
Right: 0.000+/-0.000 χ^2/NDF : 17.3/22

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 : 17.3/22

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 : 3515451.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

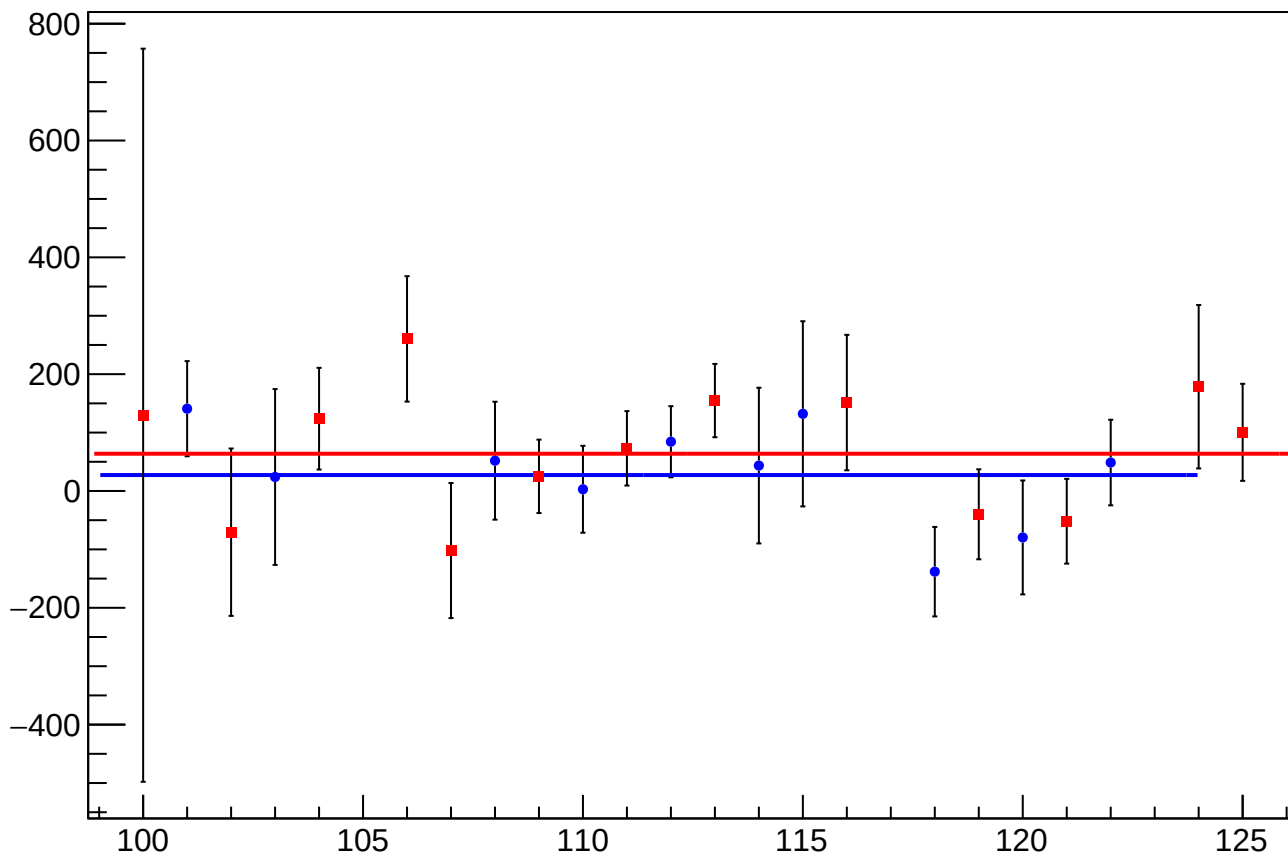
Right: 0.000+/-0.000 χ^2/NDF : 5583252.5/22

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 : 5583252.5/22

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: 63.792+/-24.064 χ^2/NDF : 15.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

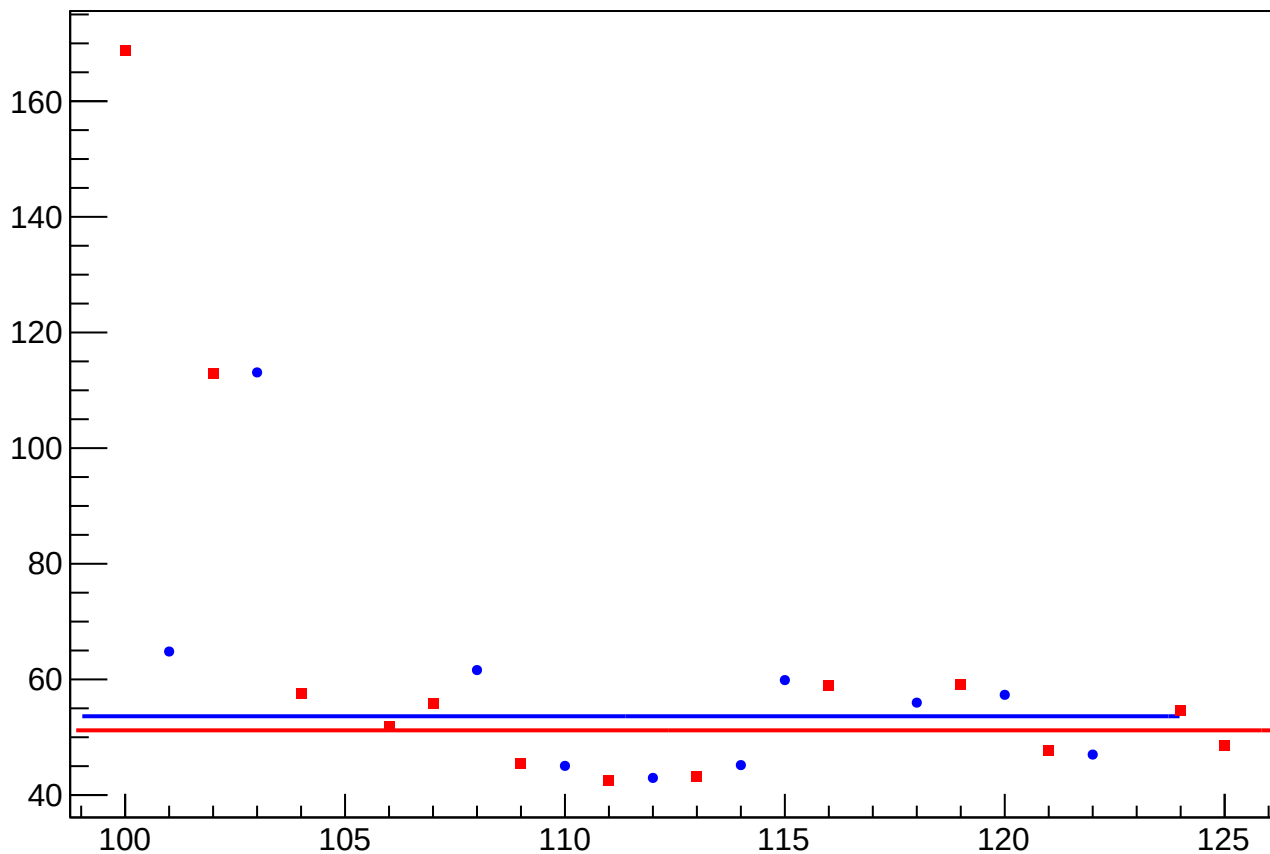
Right: 48.108+/-18.173 χ^2/NDF : 25.4/22

In: 27.291+/-27.723 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.108+/-18.173 χ^2/NDF : 25.4/22

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: 51.193+/-0.017 χ^2/NDF : 580203.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

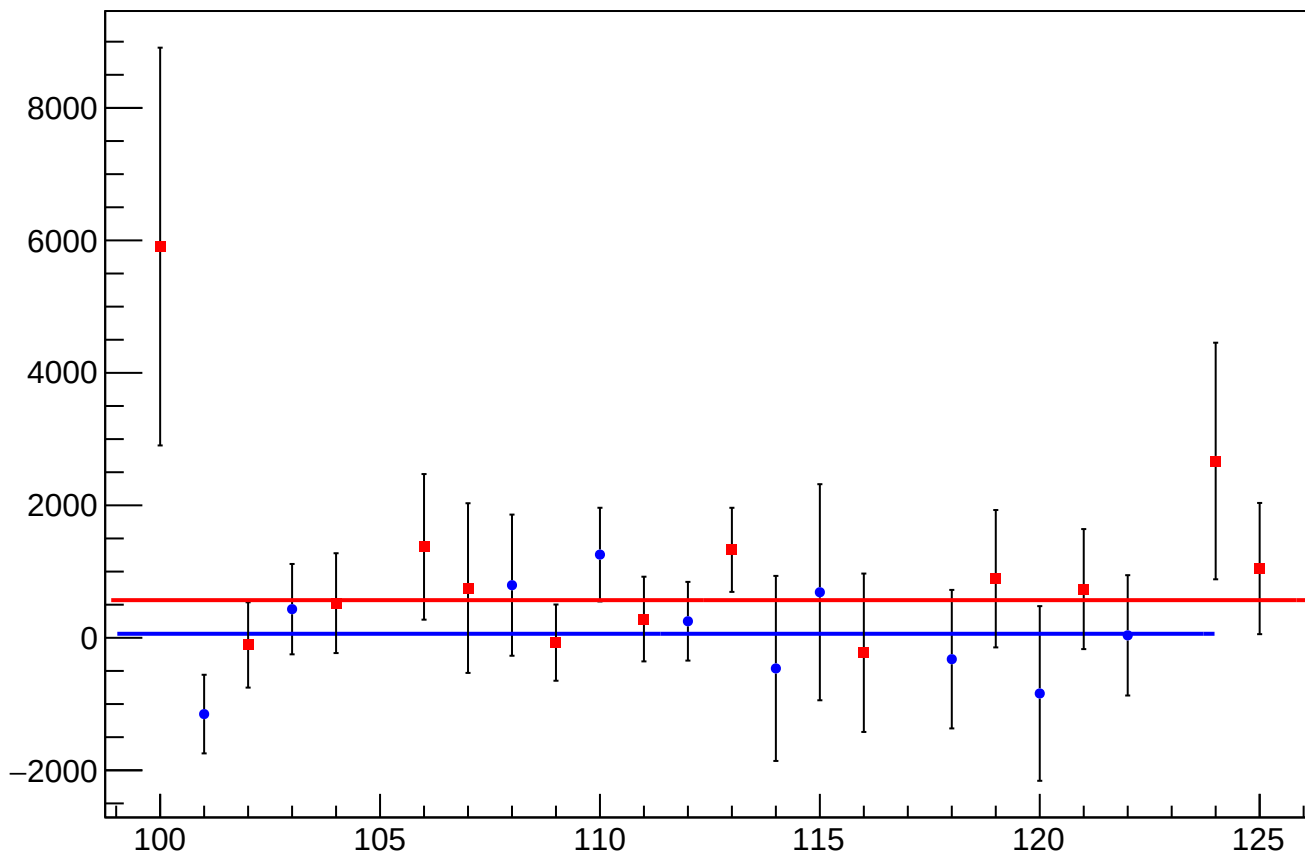
Right: 52.240+/-0.013 χ^2/NDF : 1071555.2/22

In: 53.629+/-0.020 χ^2/NDF : 482542.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.240+/-0.013 χ^2/NDF : 1071555.2/22

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: 568.664+/-236.698 χ^2/NDF : 9.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

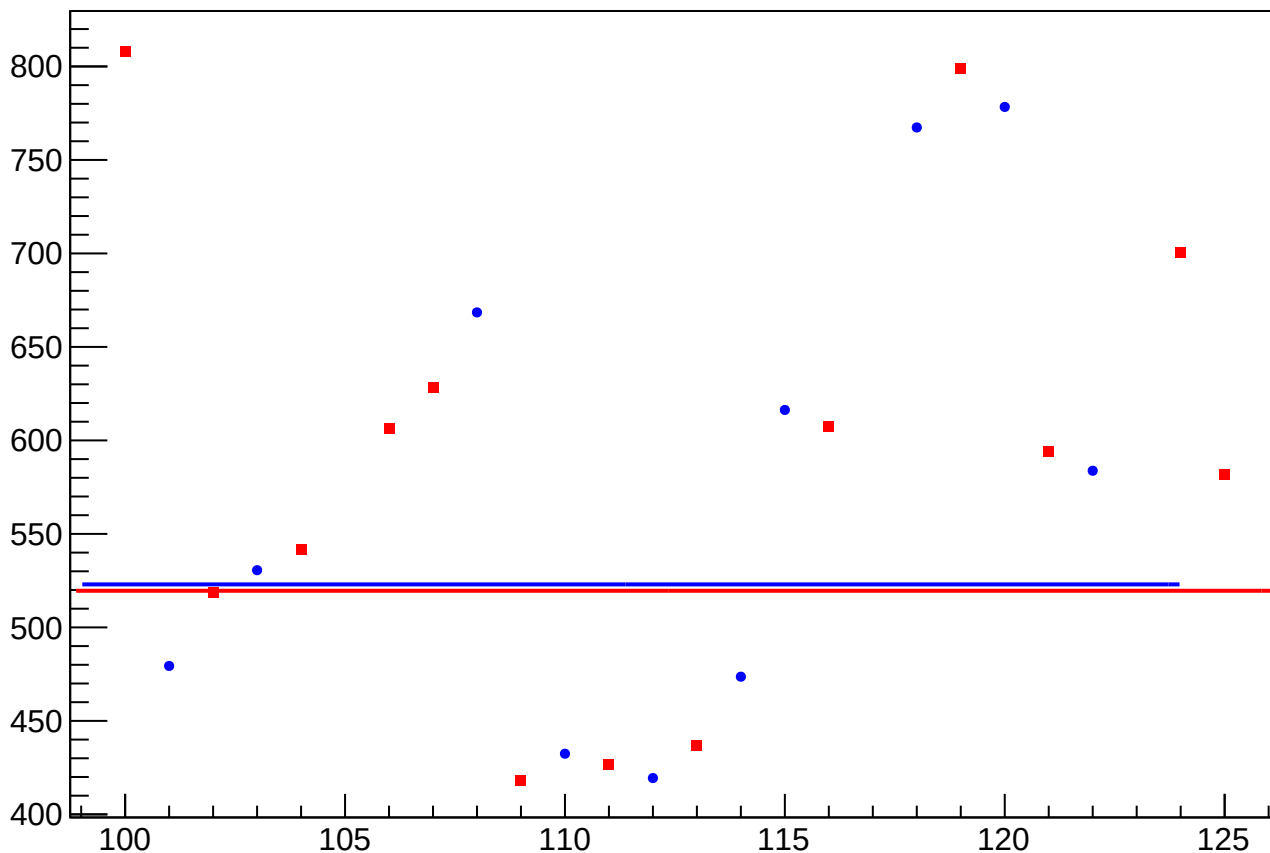
Right: 342.903+/-176.393 χ^2/NDF : 20.7/22

In: 60.930+/-264.530 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 342.903+/-176.393 χ^2/NDF : 20.7/22

asym_sam_1357_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 523.001 $\pm$ 0.187 χ^2 /NDF: 344135.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 519.592 $\pm$ 0.167 χ^2 /NDF: 382708.5/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

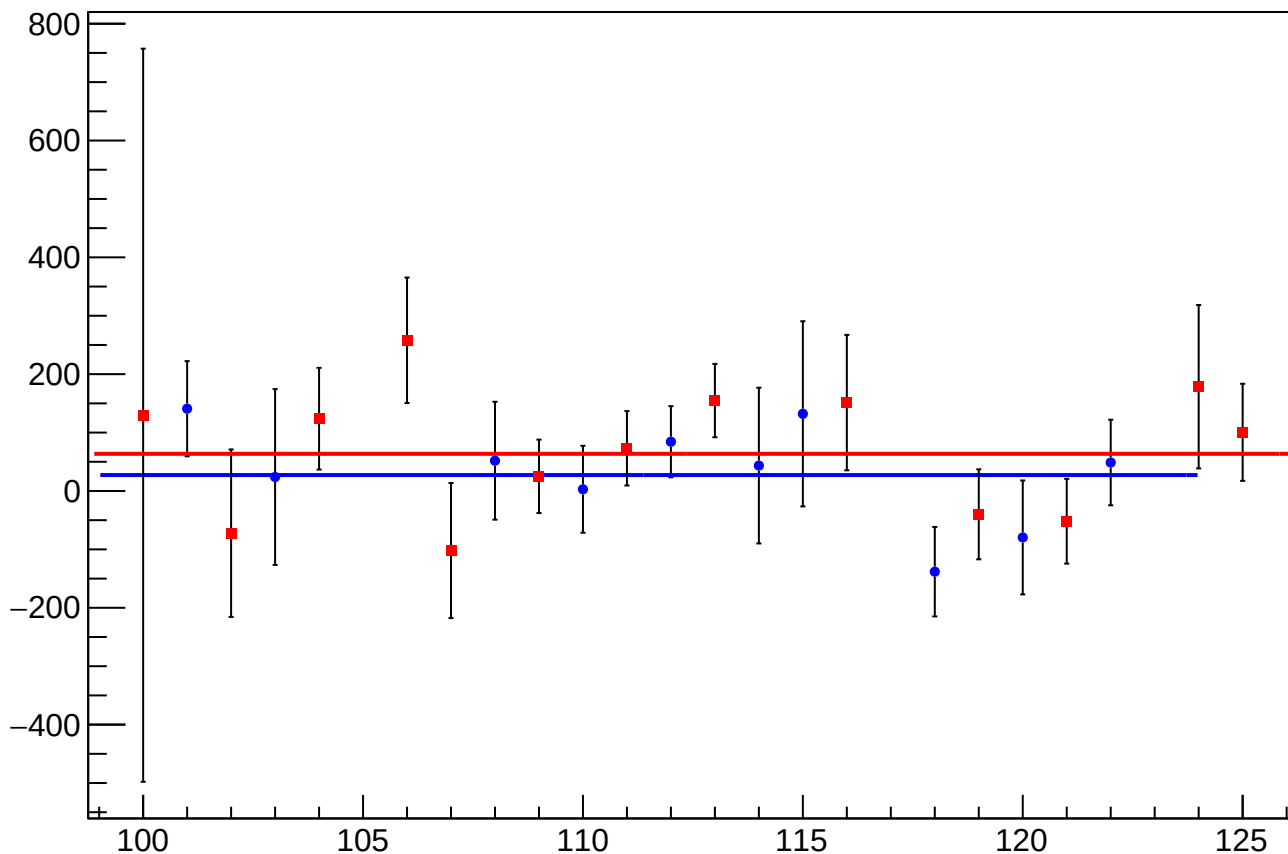
Right: 521.108 $\pm$ 0.125 χ^2 /NDF: 727028.4/22

In: 523.001 $\pm$ 0.187 χ^2 /NDF:344135.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 521.108 $\pm$ 0.125 χ^2 /NDF: 727028.4/22

cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 27.286 $\pm$ 27.723 χ^2 /NDF: 9.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 63.614 $\pm$ 24.065 χ^2 /NDF: 15.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

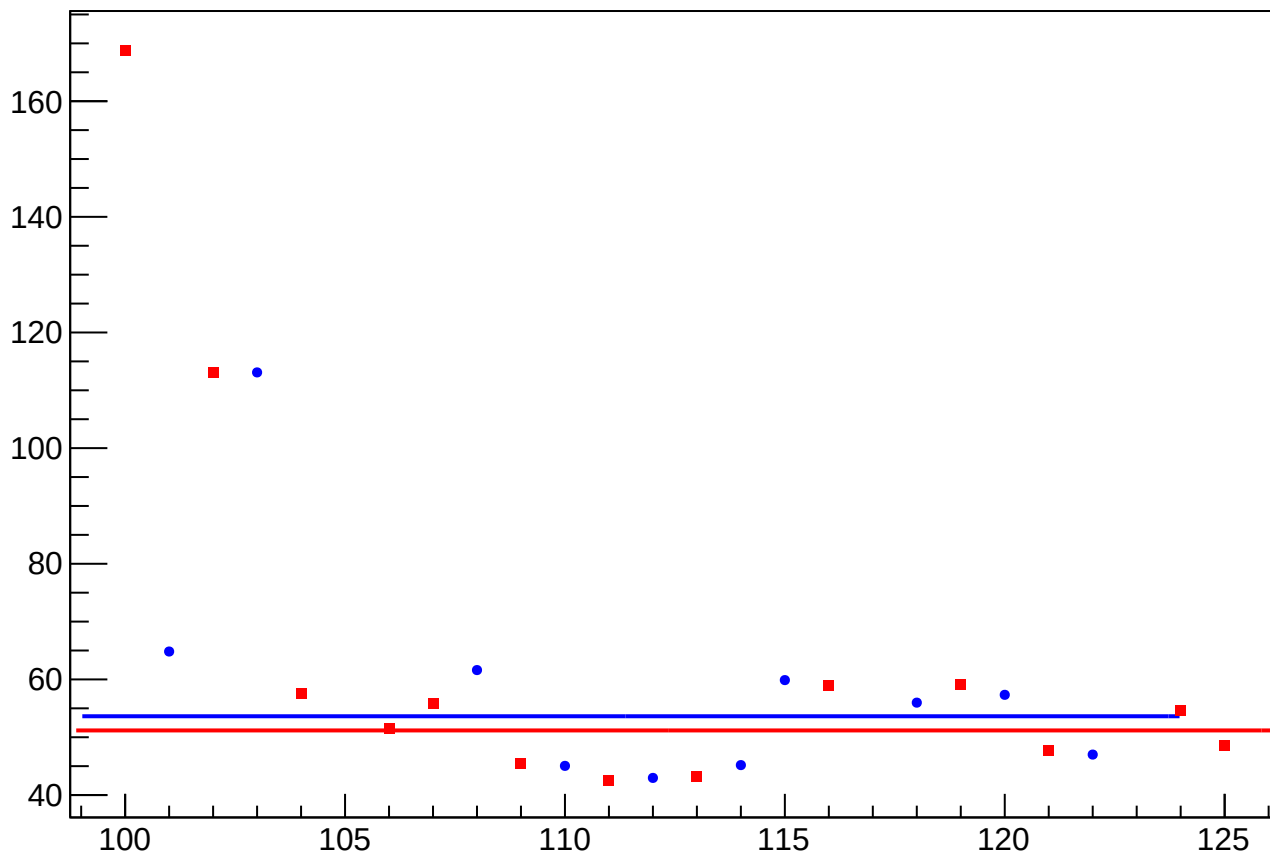
Right: 48.003 $\pm$ 18.173 χ^2 /NDF: 25.4/22

In: 27.286 $\pm$ 27.723 χ^2 /NDF:9.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 48.003 $\pm$ 18.173 χ^2 /NDF: 25.4/22

cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 53.629 $\pm$ 0.020 χ^2 /NDF: 482545.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 51.177 $\pm$ 0.017 χ^2 /NDF: 580384.9/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

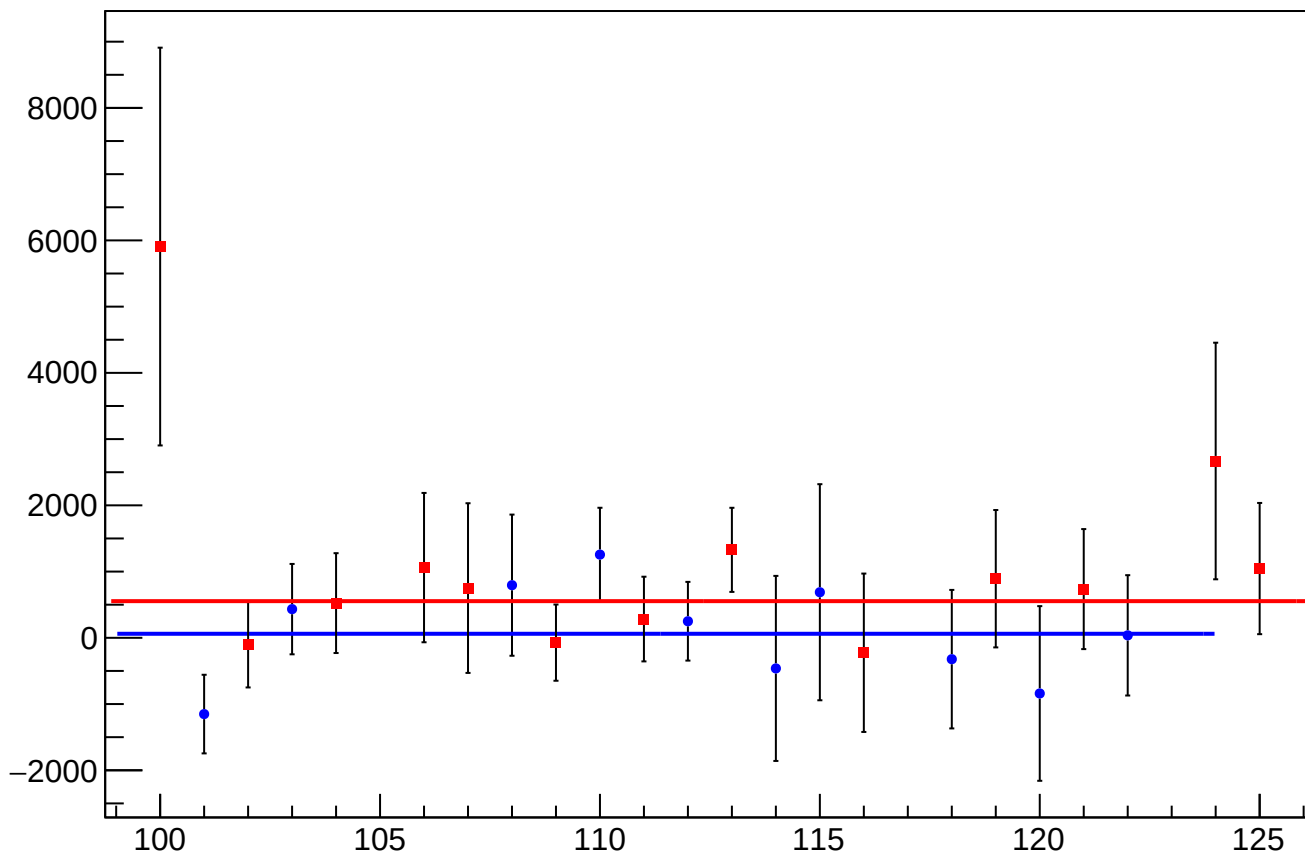
Right: 52.231 $\pm$ 0.013 χ^2 /NDF: 1071851.0/22

In: 53.629 $\pm$ 0.020 χ^2 /NDF:482545.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 52.231 $\pm$ 0.013 χ^2 /NDF: 1071851.0/22

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: 553.633+/-237.000 χ^2/NDF : 9.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

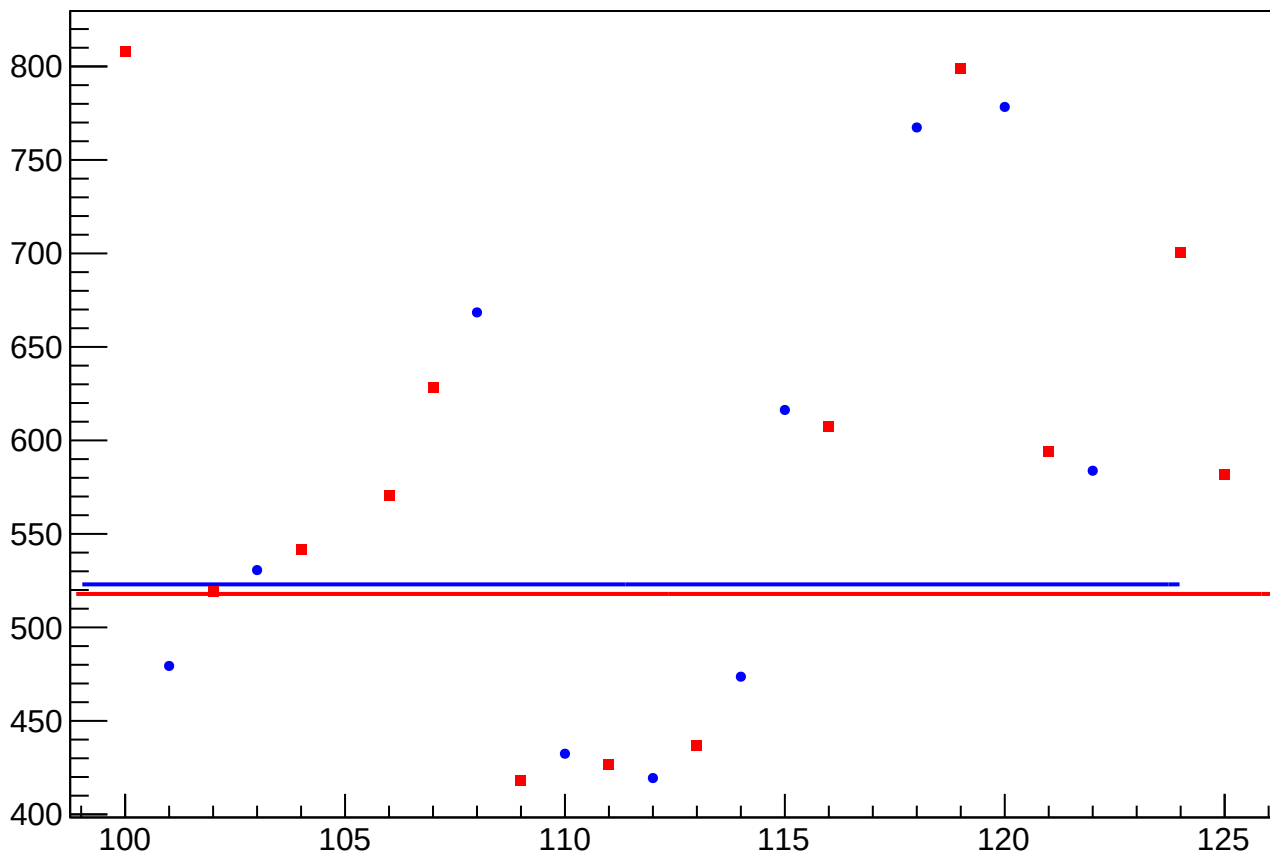
Right: 334.269+/-176.519 χ^2/NDF : 20.2/22

In: 60.973+/-264.534 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 334.269+/-176.519 χ^2/NDF : 20.2/22

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: 517.891+/-0.168 χ^2/NDF : 374307.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

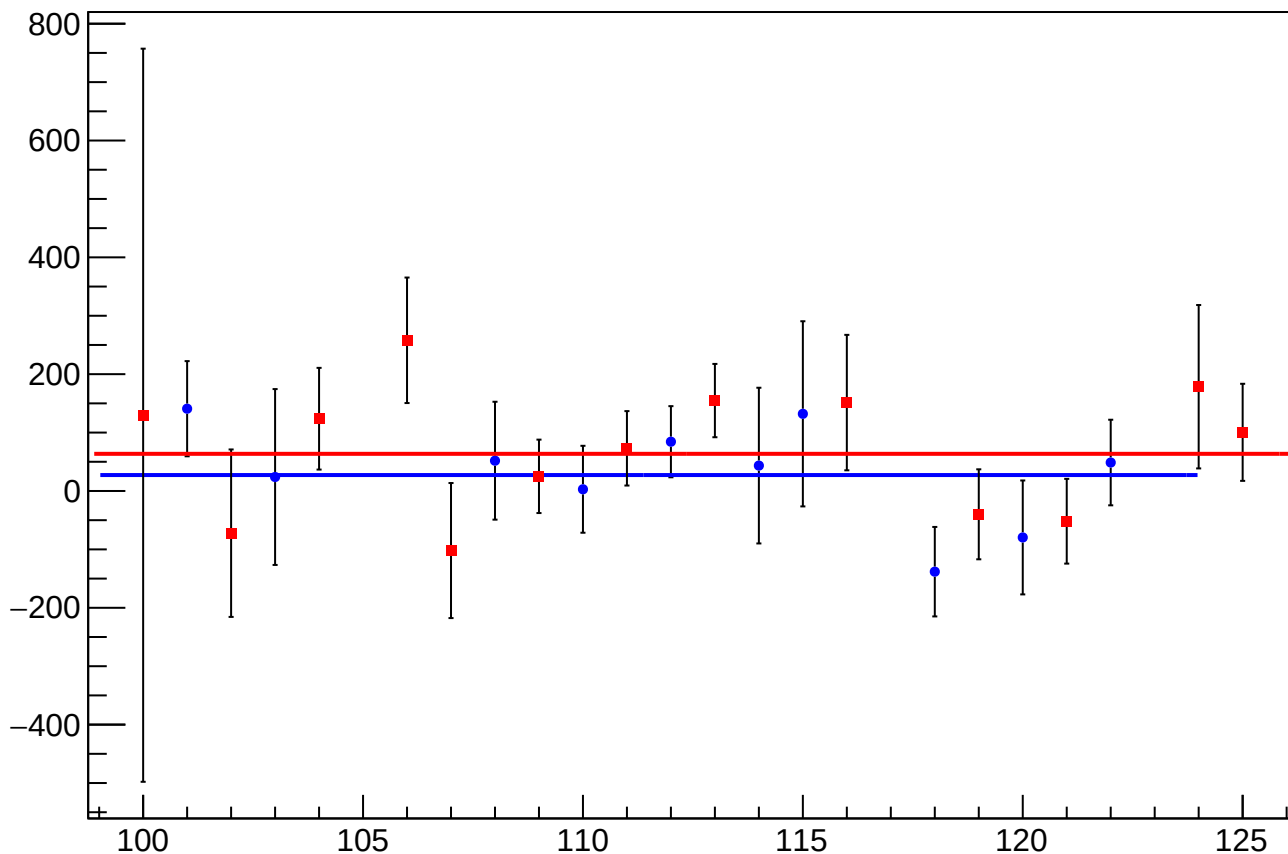
Right: 520.170+/-0.125 χ^2/NDF : 718861.3/22

In: 523.010+/-0.187 χ^2/NDF : 344138.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 520.170+/-0.125 χ^2/NDF : 718861.3/22

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: 63.614+/-24.065 χ^2/NDF : 15.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

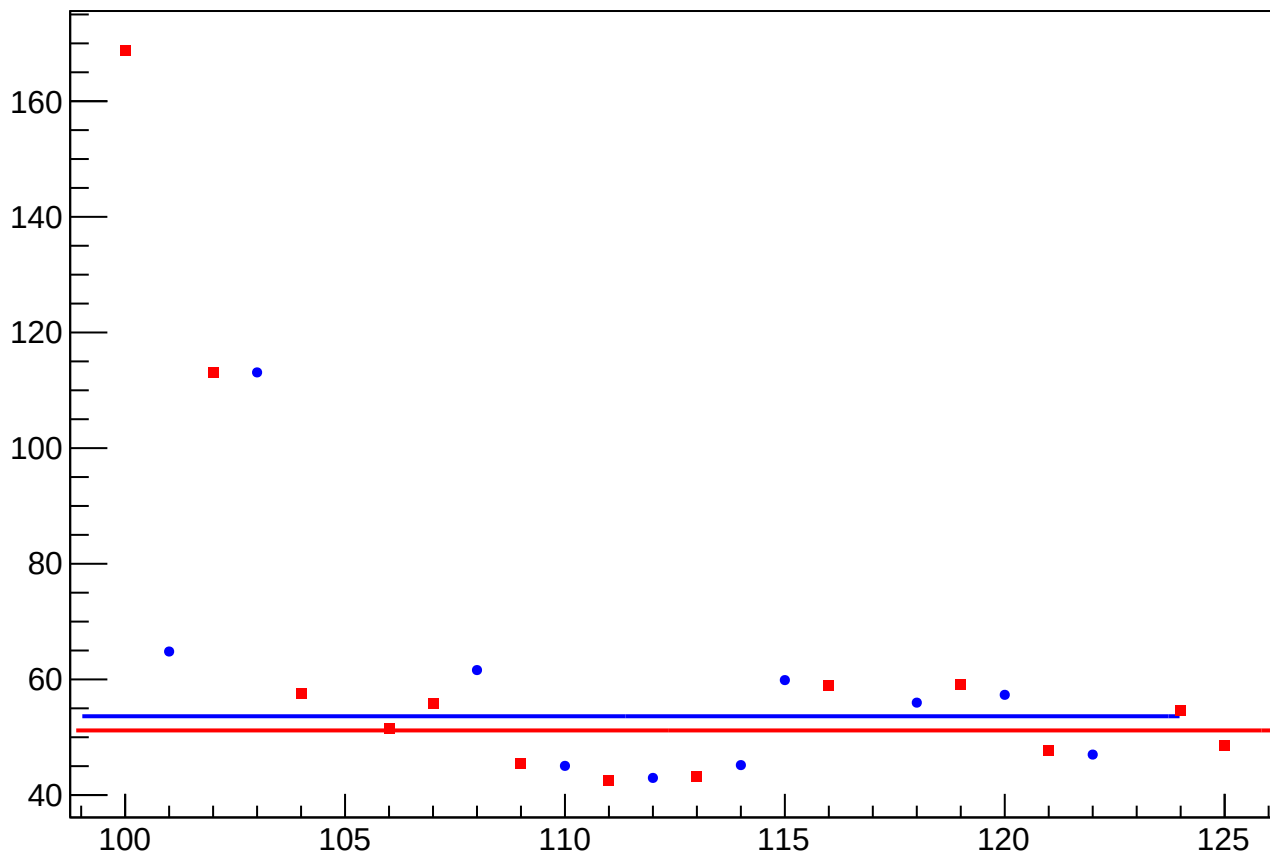
Right: 48.003+/-18.173 χ^2/NDF : 25.4/22

In: 27.286+/-27.723 χ^2/NDF : 9.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.003+/-18.173 χ^2/NDF : 25.4/22

eigen_cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 53.629 $\pm$ 0.020 χ^2 /NDF: 482545.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 51.177 $\pm$ 0.017 χ^2 /NDF: 580384.9/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

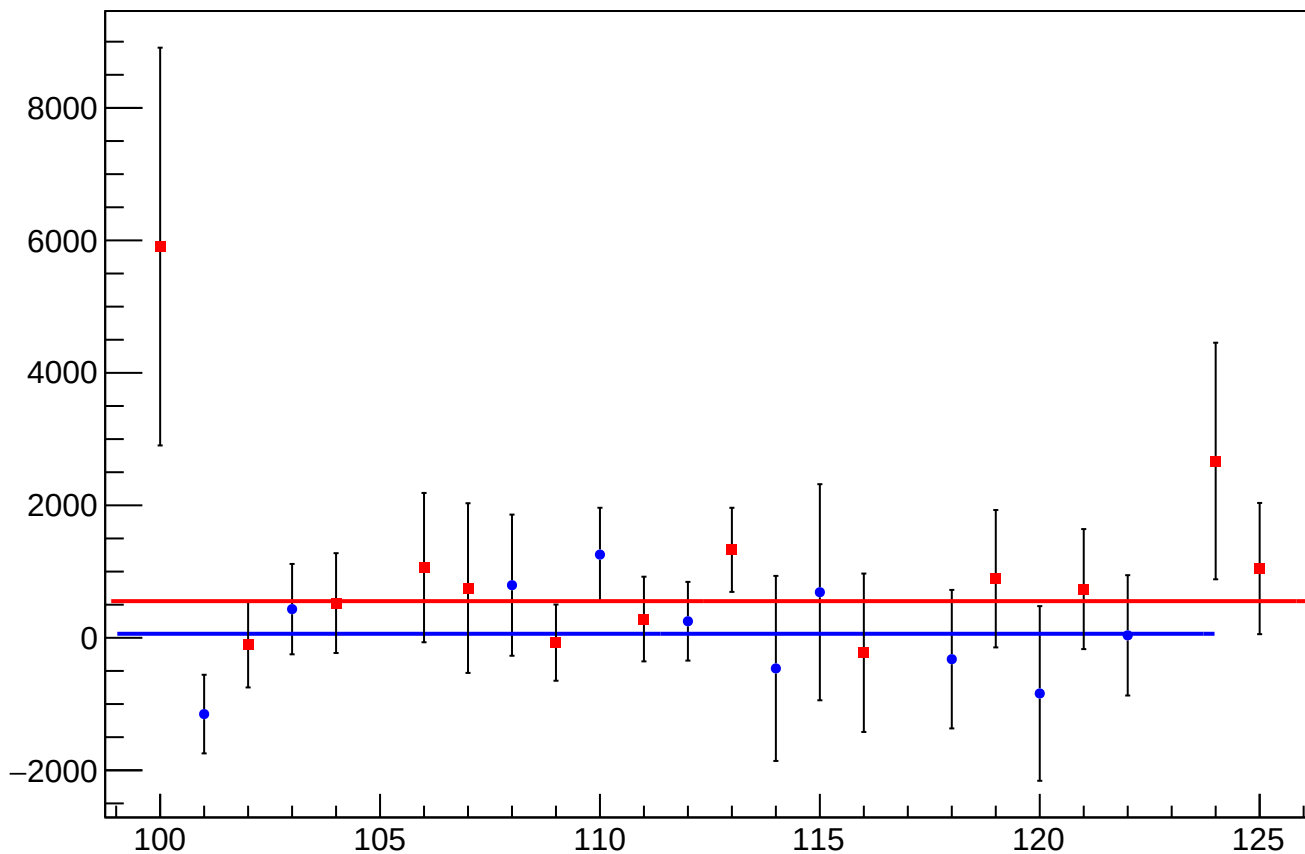
Right: 52.231 $\pm$ 0.013 χ^2 /NDF: 1071851.0/22

In: 53.629 $\pm$ 0.020 χ^2 /NDF:482545.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 52.231 $\pm$ 0.013 χ^2 /NDF: 1071851.0/22

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: 553.633+/-237.000 χ^2/NDF : 9.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

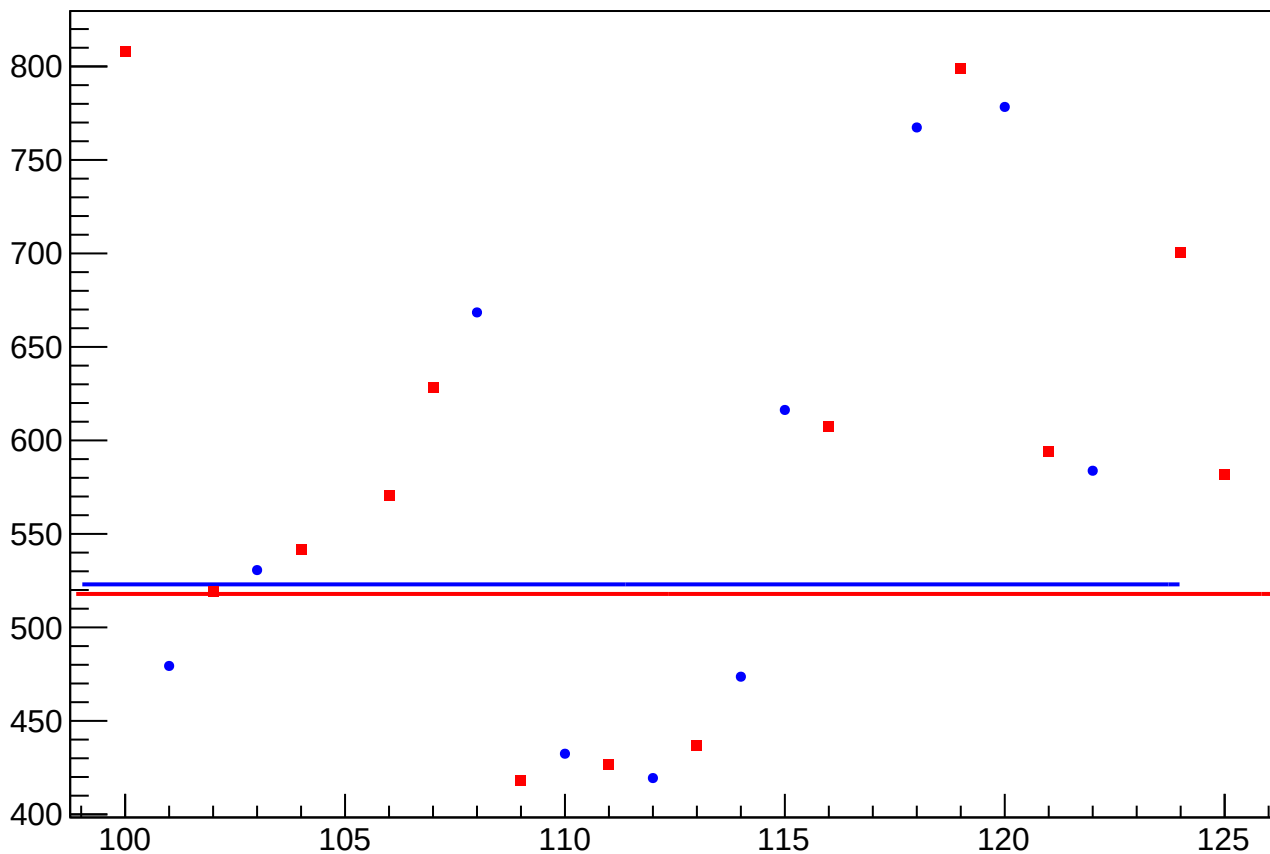
Right: 334.269+/-176.519 χ^2/NDF : 20.2/22

In: 60.973+/-264.534 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 334.269+/-176.519 χ^2/NDF : 20.2/22

asym_sam_1357_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 523.010 $\pm$ 0.187 χ^2 /NDF: 344138.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 517.891 $\pm$ 0.168 χ^2 /NDF: 374307.7/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

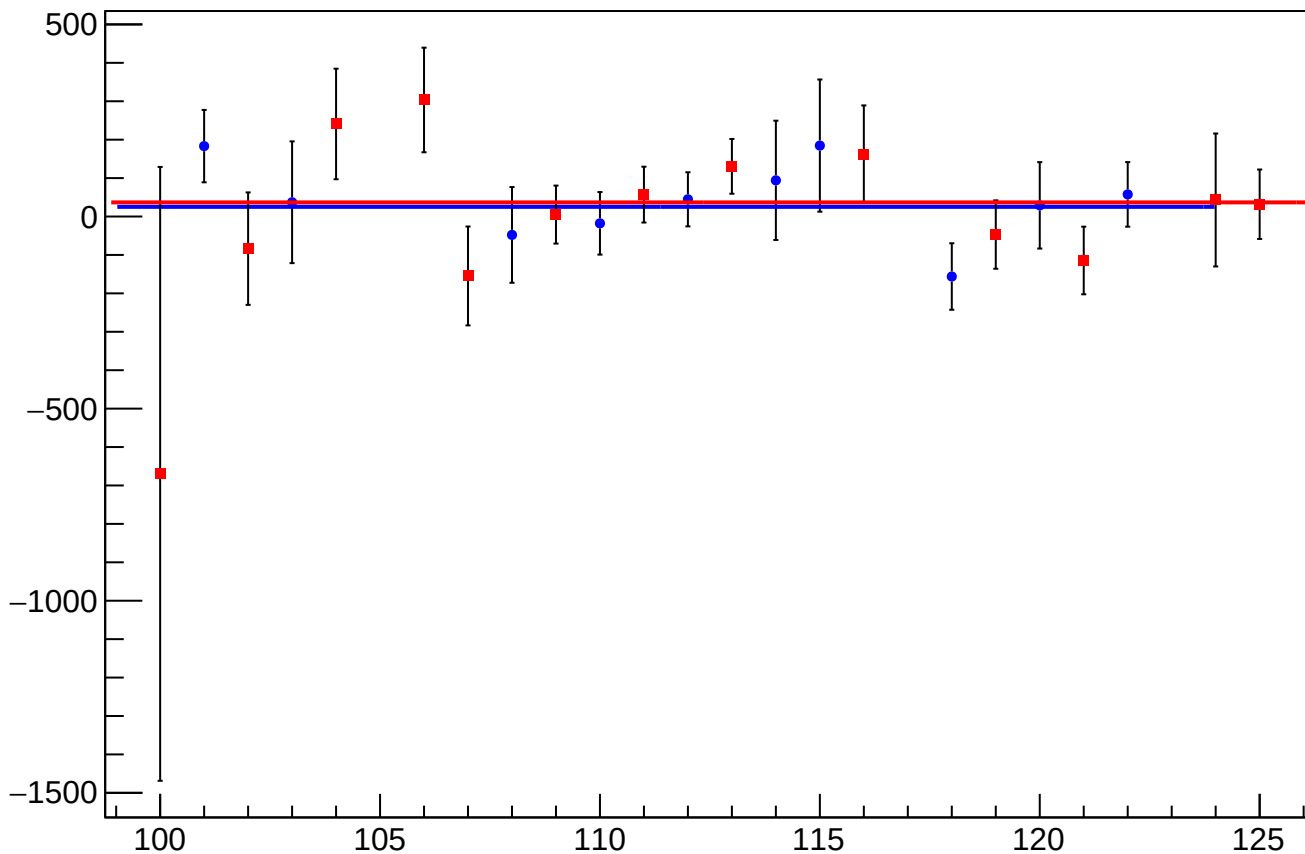
Right: 520.170 $\pm$ 0.125 χ^2 /NDF: 718861.3/22

In: 523.010 $\pm$ 0.187 χ^2 /NDF:344138.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 520.170 $\pm$ 0.125 χ^2 /NDF: 718861.3/22

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: 36.787+/-28.332 χ^2/NDF : 16.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

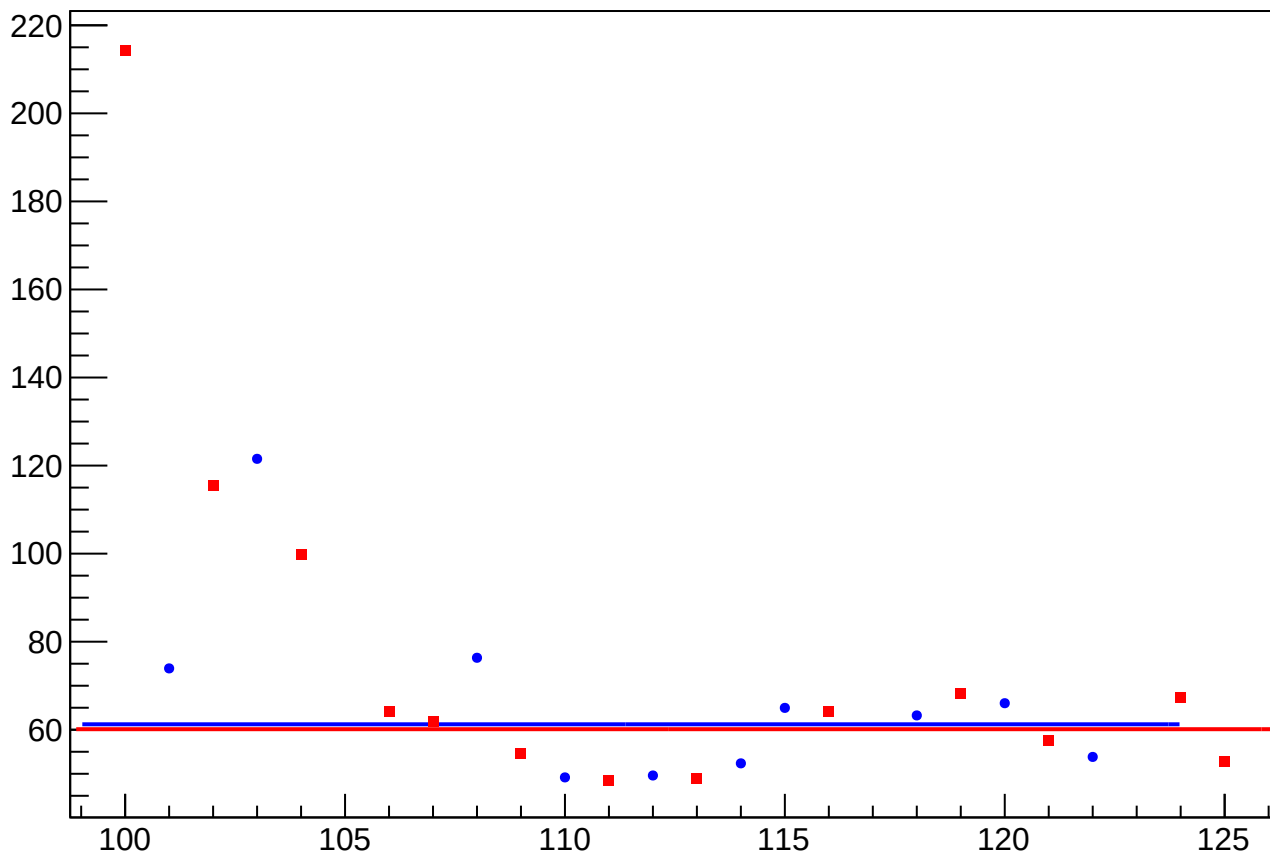
Right: 31.624+/-21.107 χ^2/NDF : 25.5/22

In: 25.183+/-31.641 χ^2/NDF :9.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 31.624+/-21.107 χ^2/NDF : 25.5/22

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: 60.125+/-0.020 χ^2/NDF : 663716.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

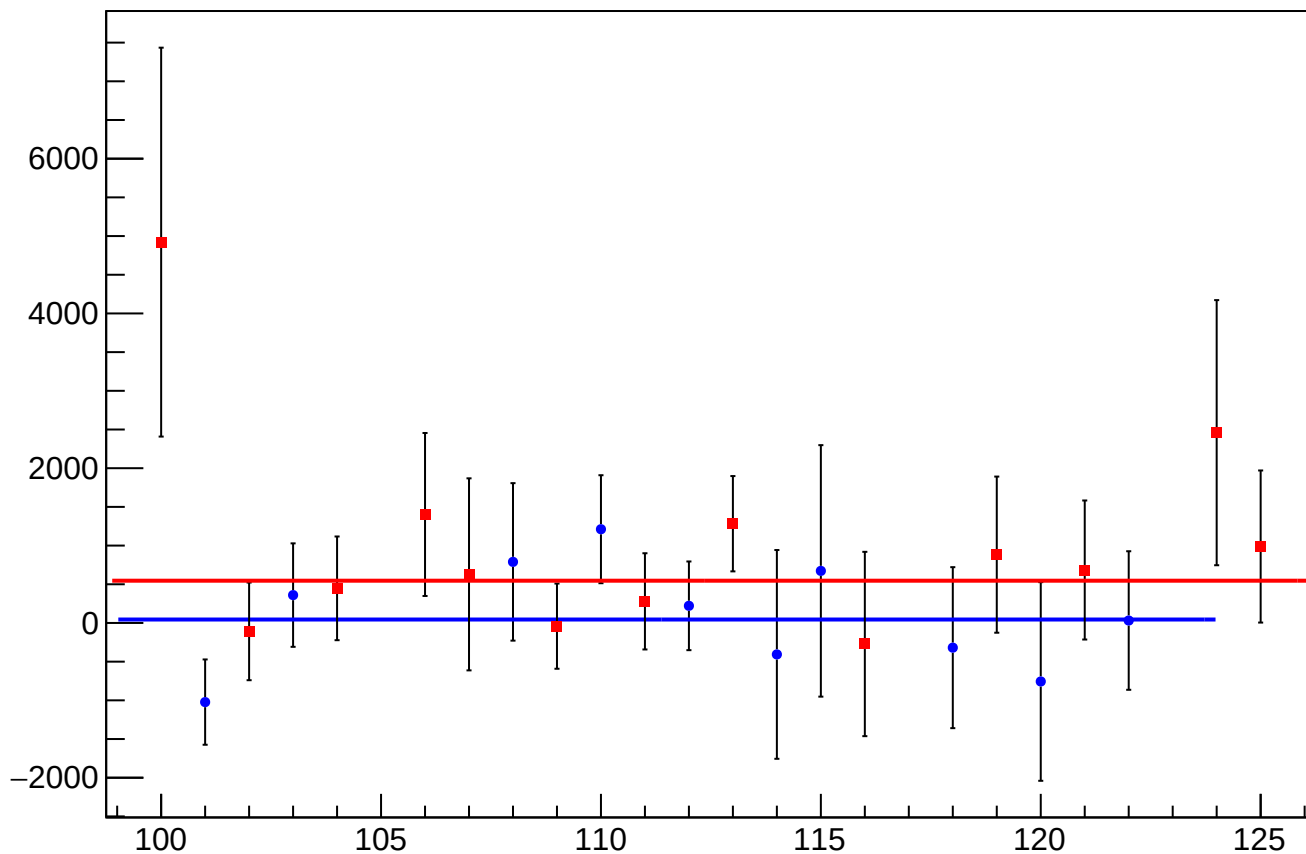
Right: 60.621+/-0.015 χ^2/NDF : 1146598.0/22

In: 61.239+/-0.022 χ^2/NDF : 481507.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.621+/-0.015 χ^2/NDF : 1146598.0/22

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: 546.109+/-227.786 χ^2/NDF : 9.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

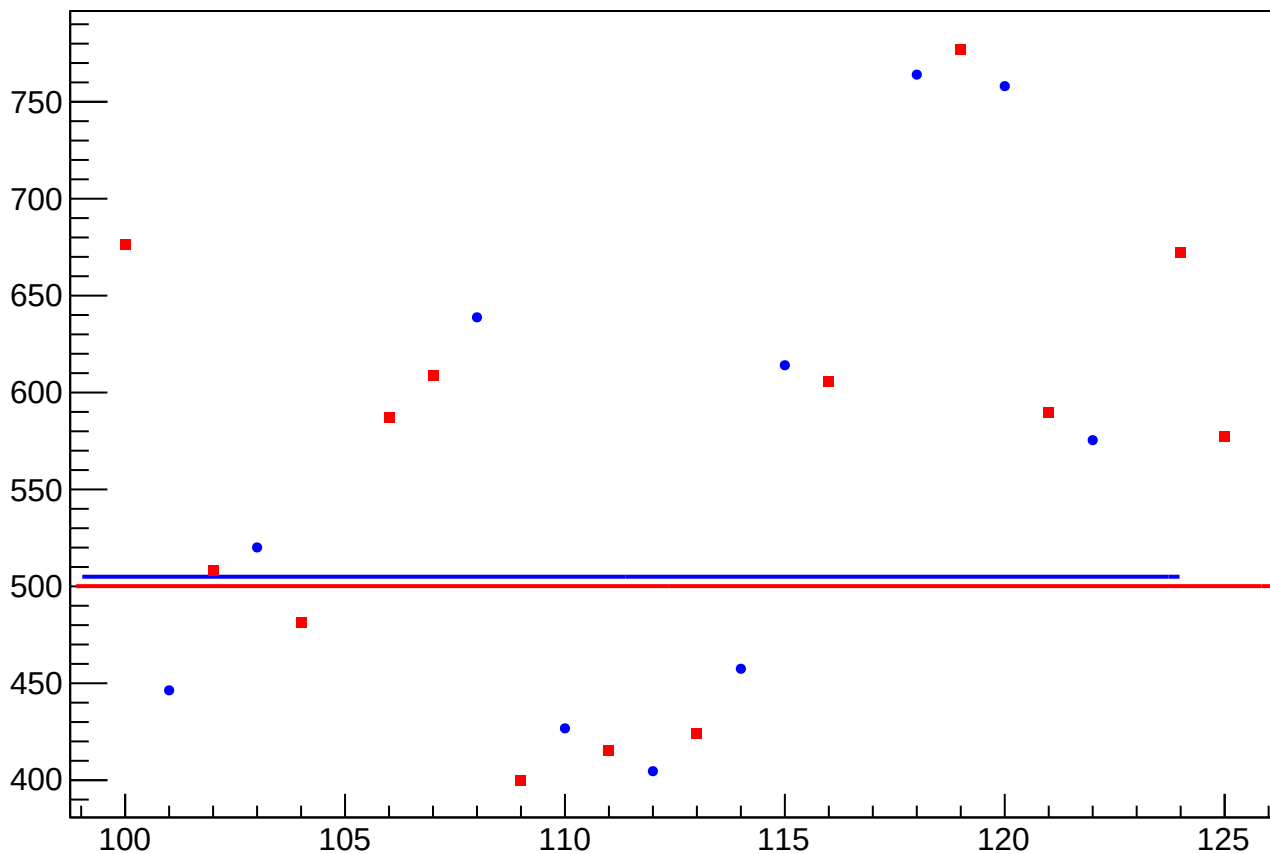
Right: 324.110+/-170.072 χ^2/NDF : 19.9/22

In: 44.464+/-255.655 χ^2/NDF : 8.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 324.110+/-170.072 χ^2/NDF : 19.9/22

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: 500.118+/-0.161 χ^2/NDF : 393534.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

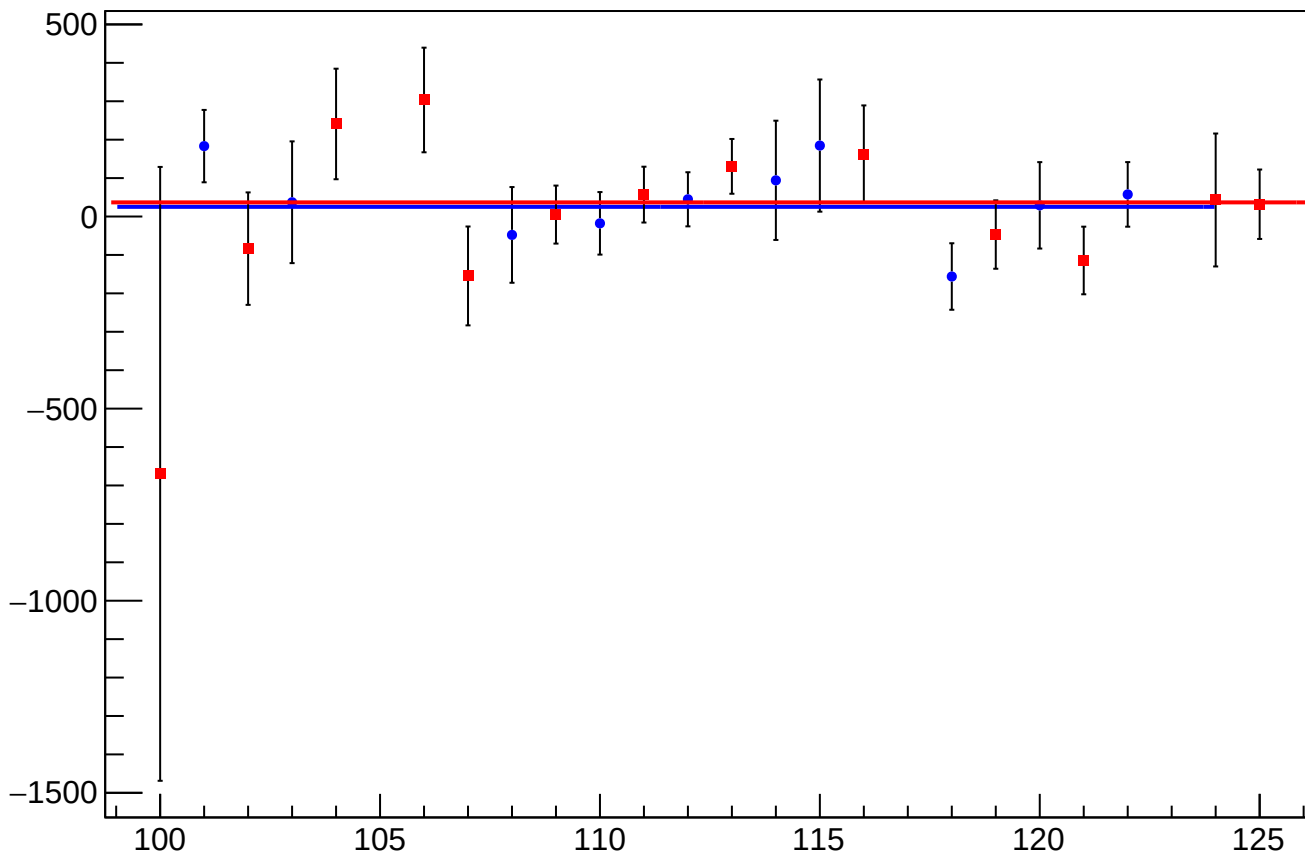
Right: 502.269+/-0.120 χ^2/NDF : 764276.2/22

In: 504.977+/-0.181 χ^2/NDF :370339.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 502.269+/-0.120 χ^2/NDF : 764276.2/22

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: 36.785+/-28.332 χ^2/NDF : 16.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

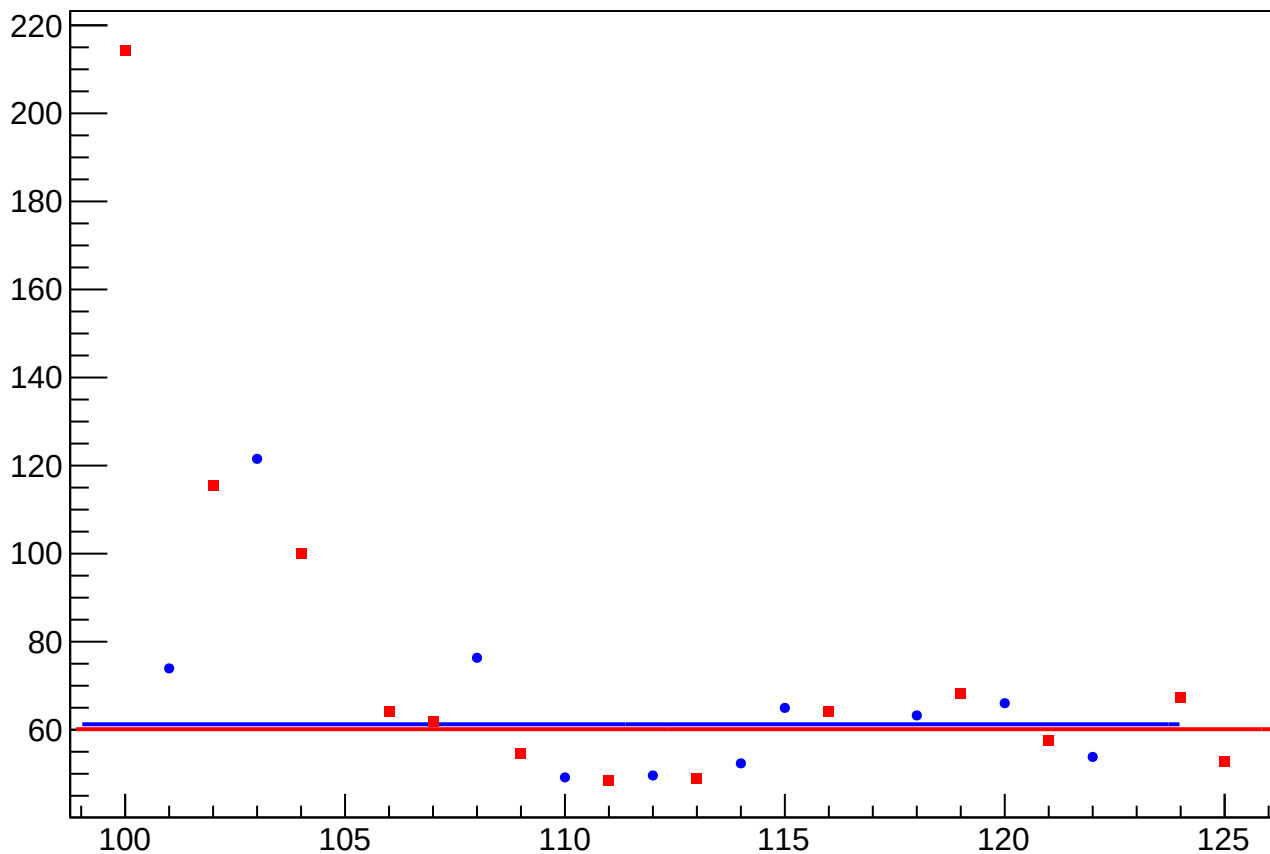
Right: 31.622+/-21.107 χ^2/NDF : 25.5/22

In: 25.182+/-31.641 χ^2/NDF : 9.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.622+/-21.107 χ^2/NDF : 25.5/22

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: 60.126+/-0.020 χ^2/NDF : 663715.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

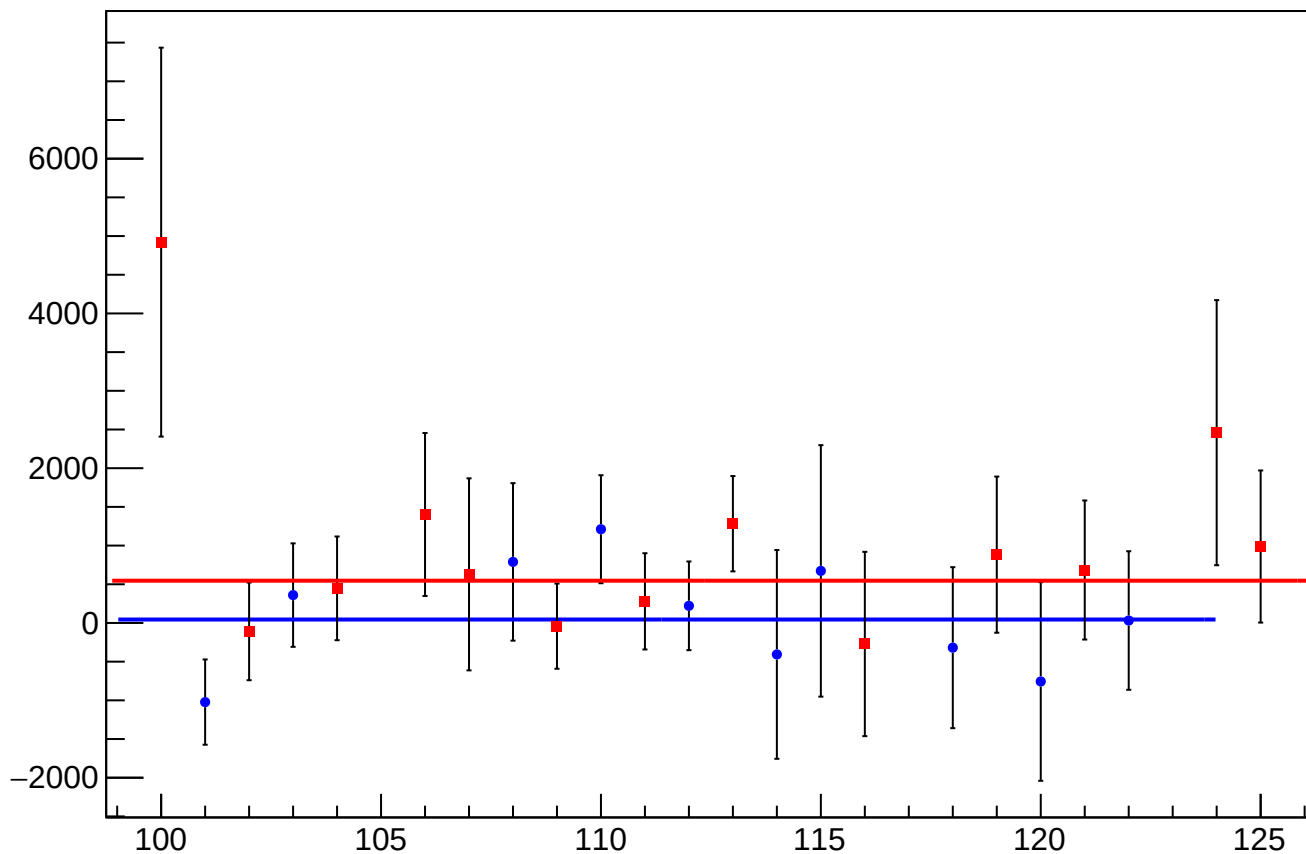
Right: 60.621+/-0.015 χ^2/NDF : 1146595.0/22

In: 61.239+/-0.022 χ^2/NDF :481505.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 60.621+/-0.015 χ^2/NDF : 1146595.0/22

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: 546.108+/-227.785 χ^2/NDF : 9.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

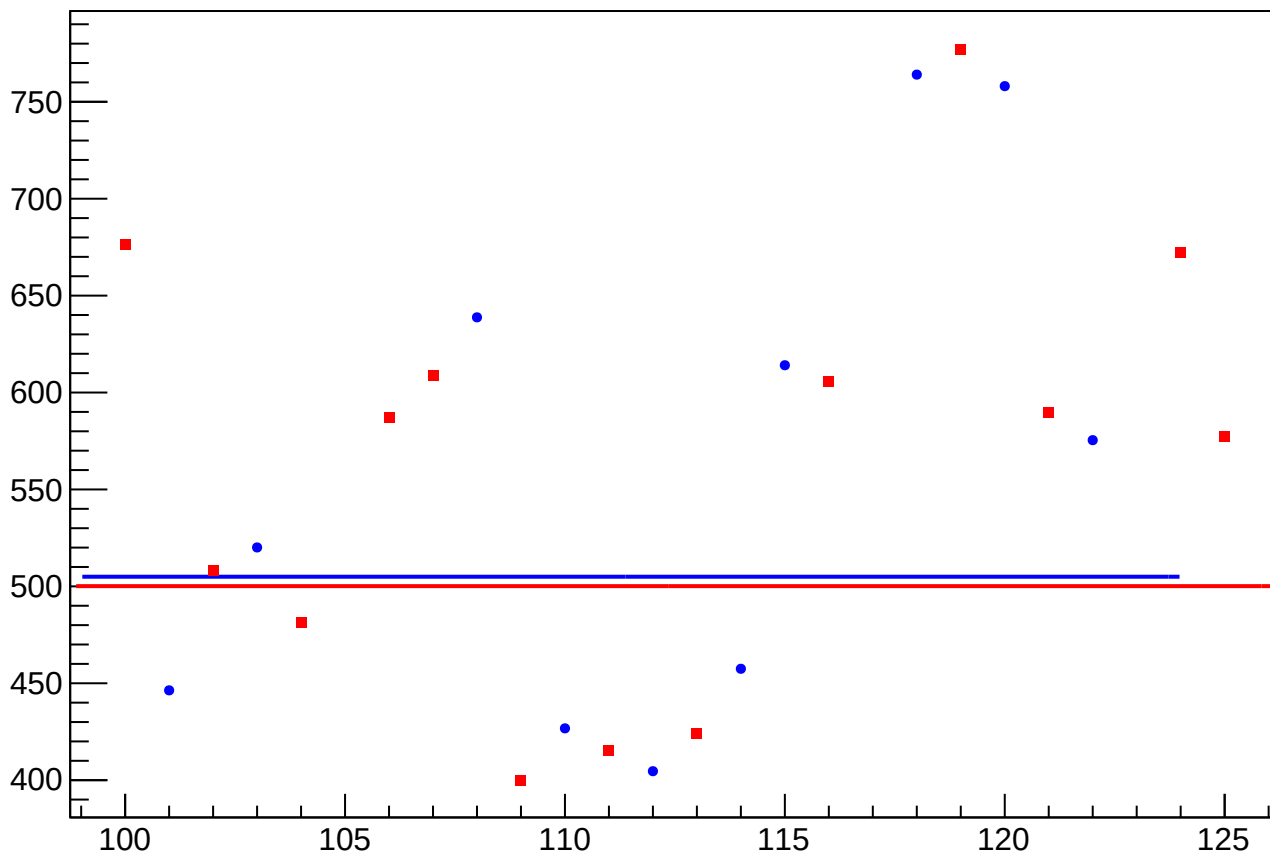
Right: 324.109+/-170.071 χ^2/NDF : 19.9/22

In: 44.464+/-255.654 χ^2/NDF : 8.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 324.109+/-170.071 χ^2/NDF : 19.9/22

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: 500.117+/-0.161 χ^2/NDF : 393536.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

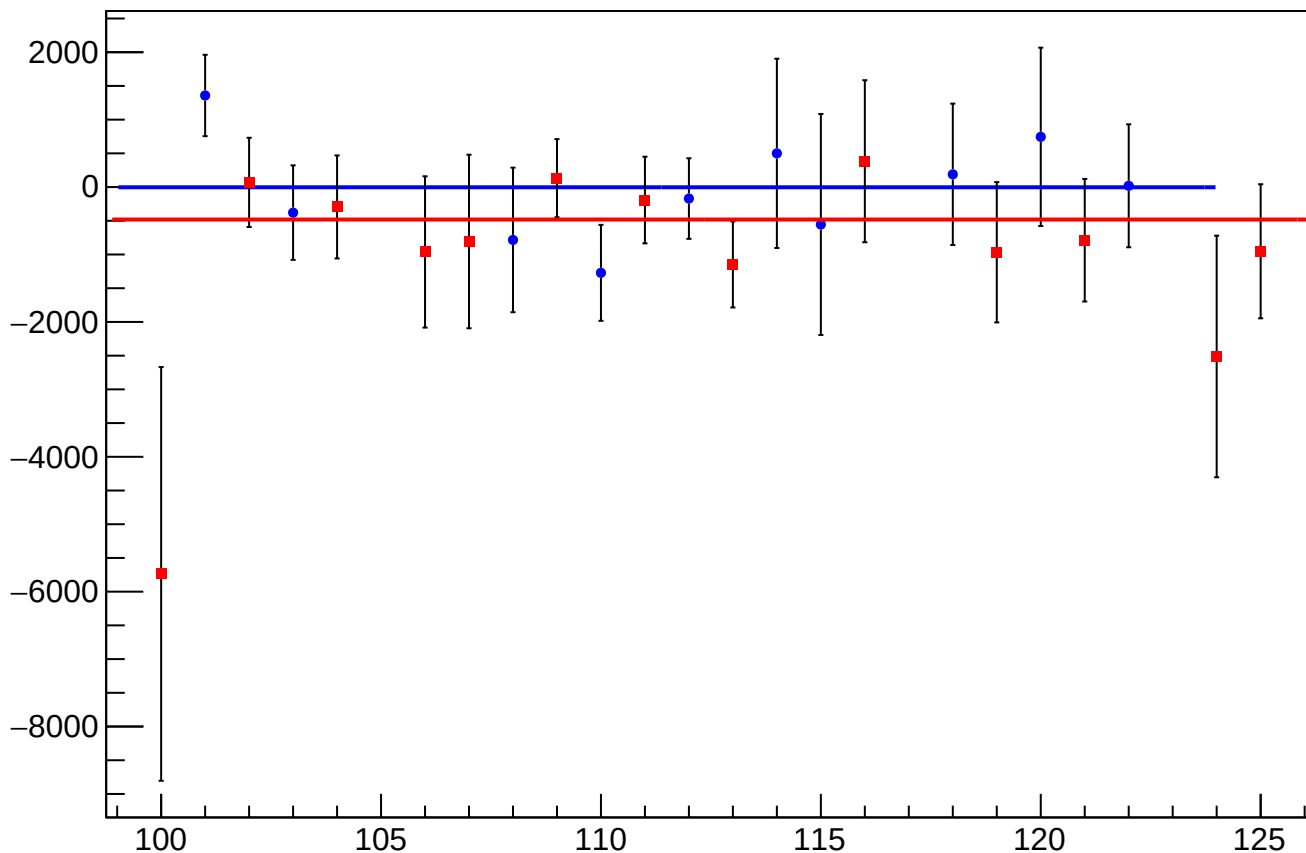
Right: 502.267+/-0.120 χ^2/NDF : 764282.2/22

In: 504.976+/-0.181 χ^2/NDF :370343.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 502.267+/-0.120 χ^2/NDF : 764282.2/22

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -2.936+/-267.291 χ^2/NDF : 9.8/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -481.257+/-238.980 χ^2/NDF : 8.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

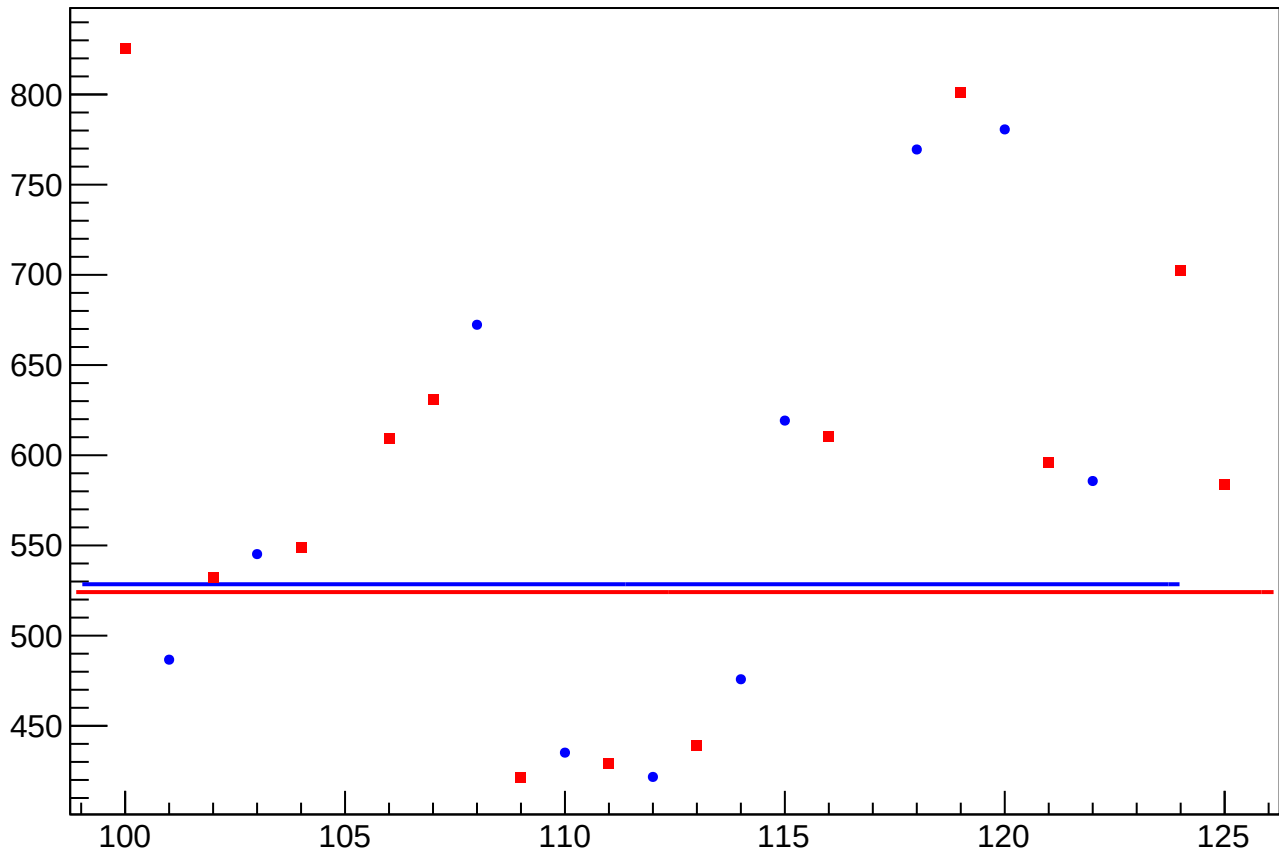
Right: -268.761+/-178.156 χ^2/NDF : 20.3/22

In: -2.936+/-267.291 χ^2/NDF :9.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -268.761+/-178.156 χ^2/NDF : 20.3/22

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: 524.143+/-0.169 χ^2/NDF : 380859.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

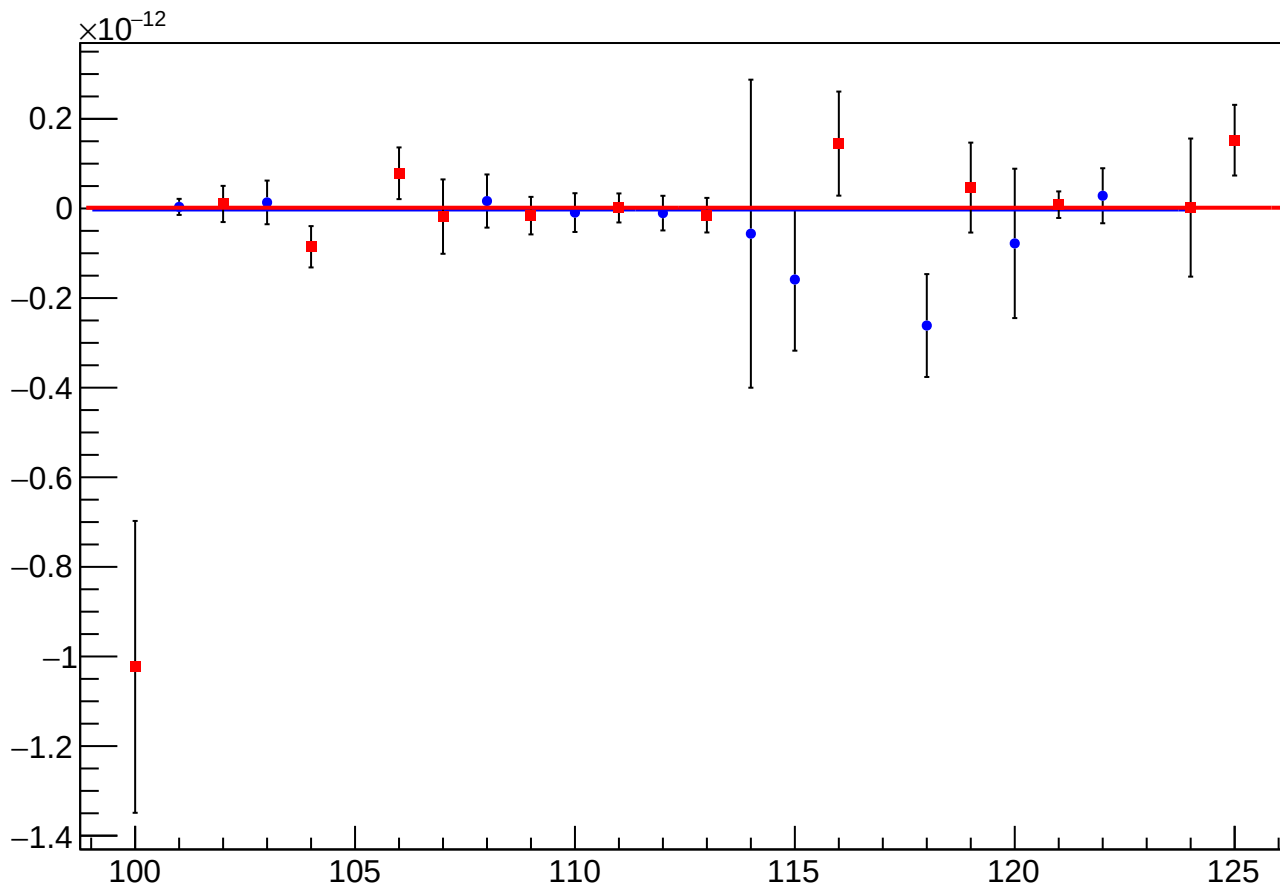
Right: 526.076+/-0.126 χ^2/NDF : 721494.7/22

In: 528.493+/-0.189 χ^2/NDF : 340341.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 526.076+/-0.126 χ^2/NDF : 721494.7/22

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 : 21.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

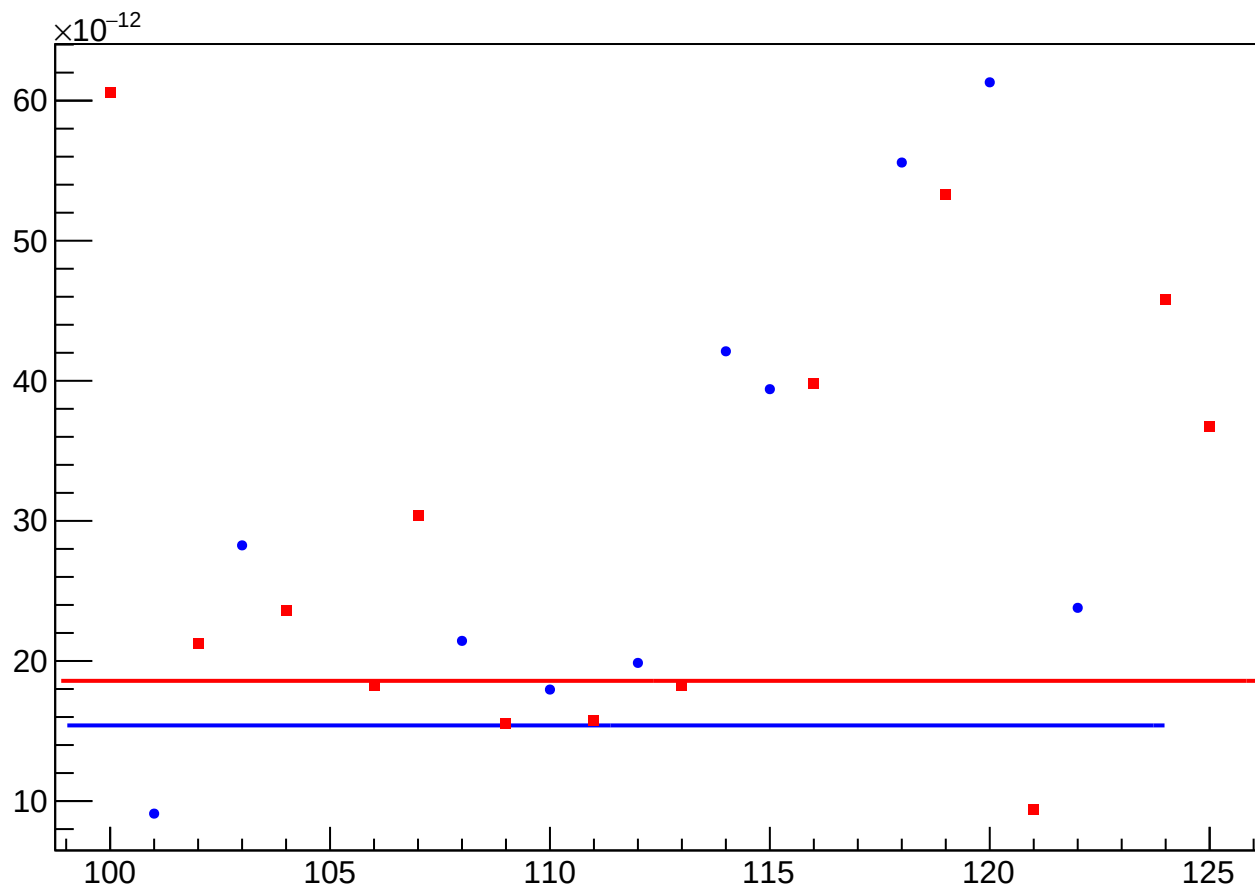
Right: -0.000+/-0.000 χ^2/NDF : 28.1/22

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 : 28.1/22

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 : 797532.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

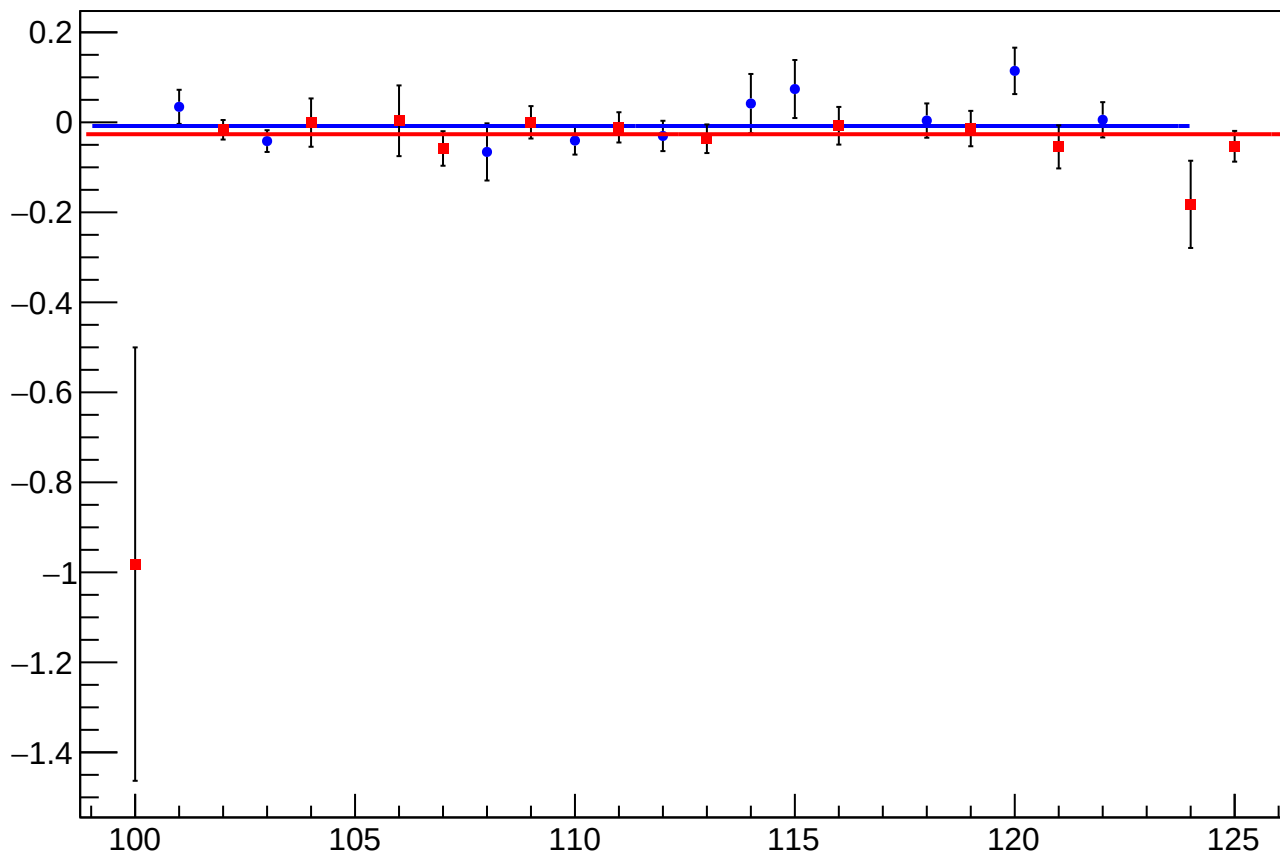
Right: 0.000+/-0.000 χ^2/NDF : 1783592.7/22

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 : 1783592.7/22

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: -0.026 ± 0.011 χ^2/NDF : 9.9/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

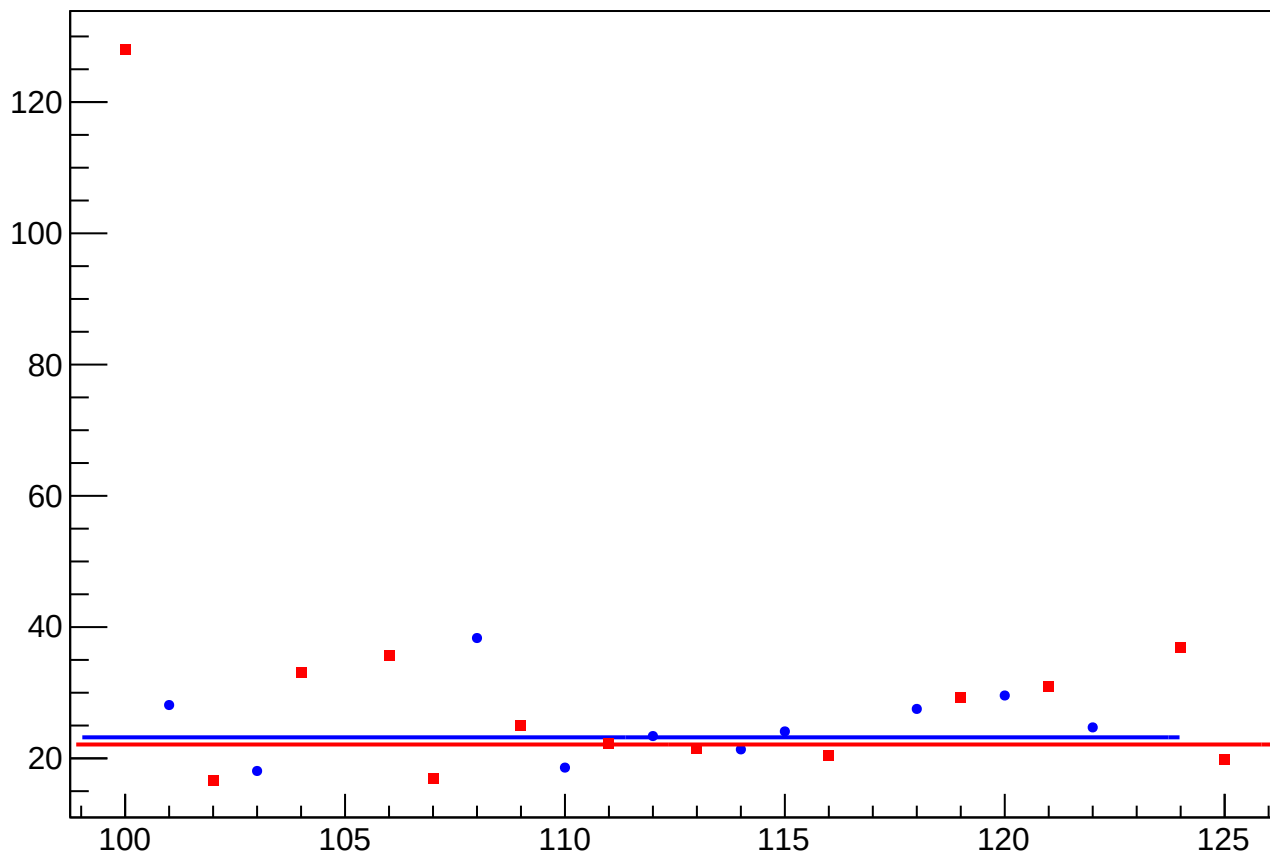
Right: -0.018 ± 0.008 χ^2/NDF : 24.7/22

In: -0.008 ± 0.012 χ^2/NDF : 13.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.018 ± 0.008 χ^2/NDF : 24.7/22

asym_sam_1357_avg_dit_vs_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: 22.112+/-0.008 χ^2/NDF : 611639.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

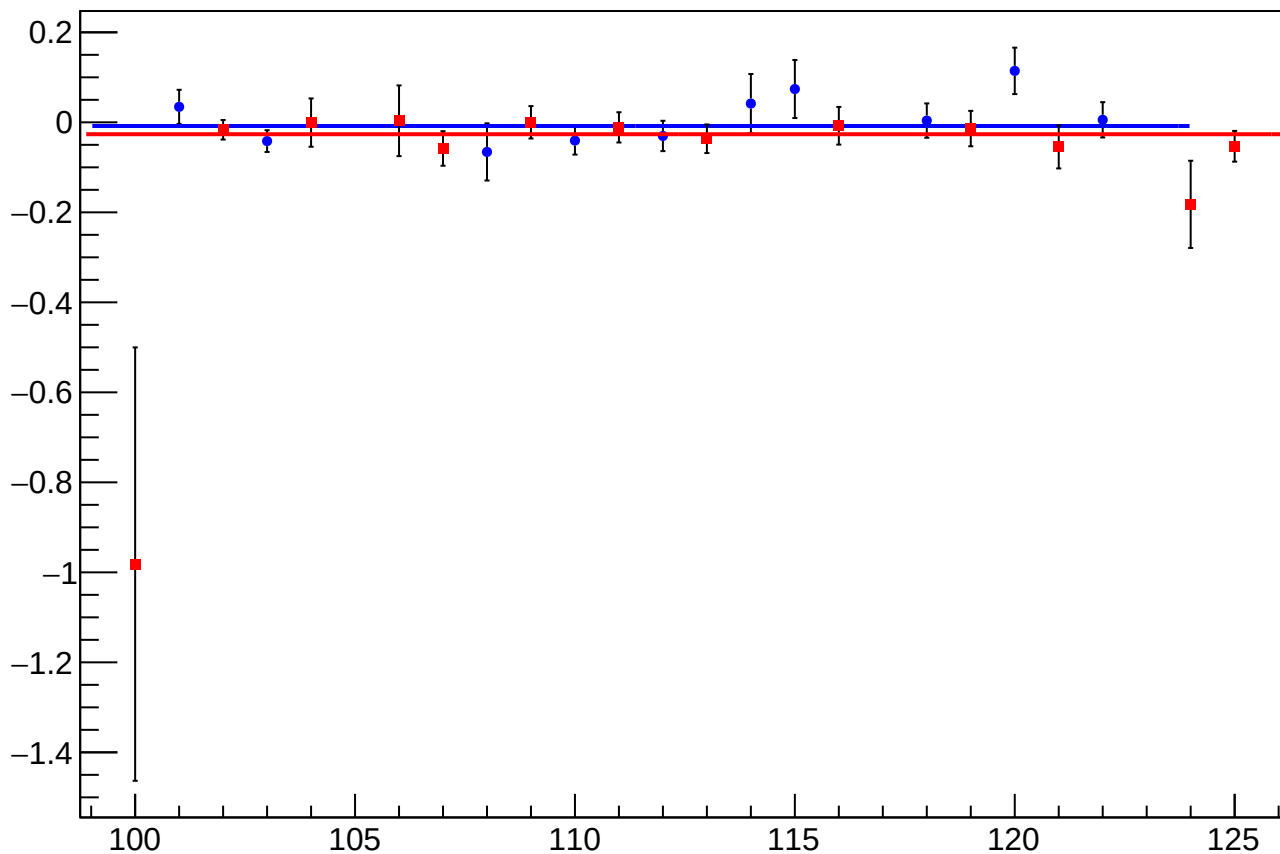
Right: 22.593+/-0.006 χ^2/NDF : 962864.1/22

In: 23.204+/-0.009 χ^2/NDF : 342209.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.593+/-0.006 χ^2/NDF : 962864.1/22

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: -0.026 $\pm$ 0.011 χ^2 /NDF: 9.9/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

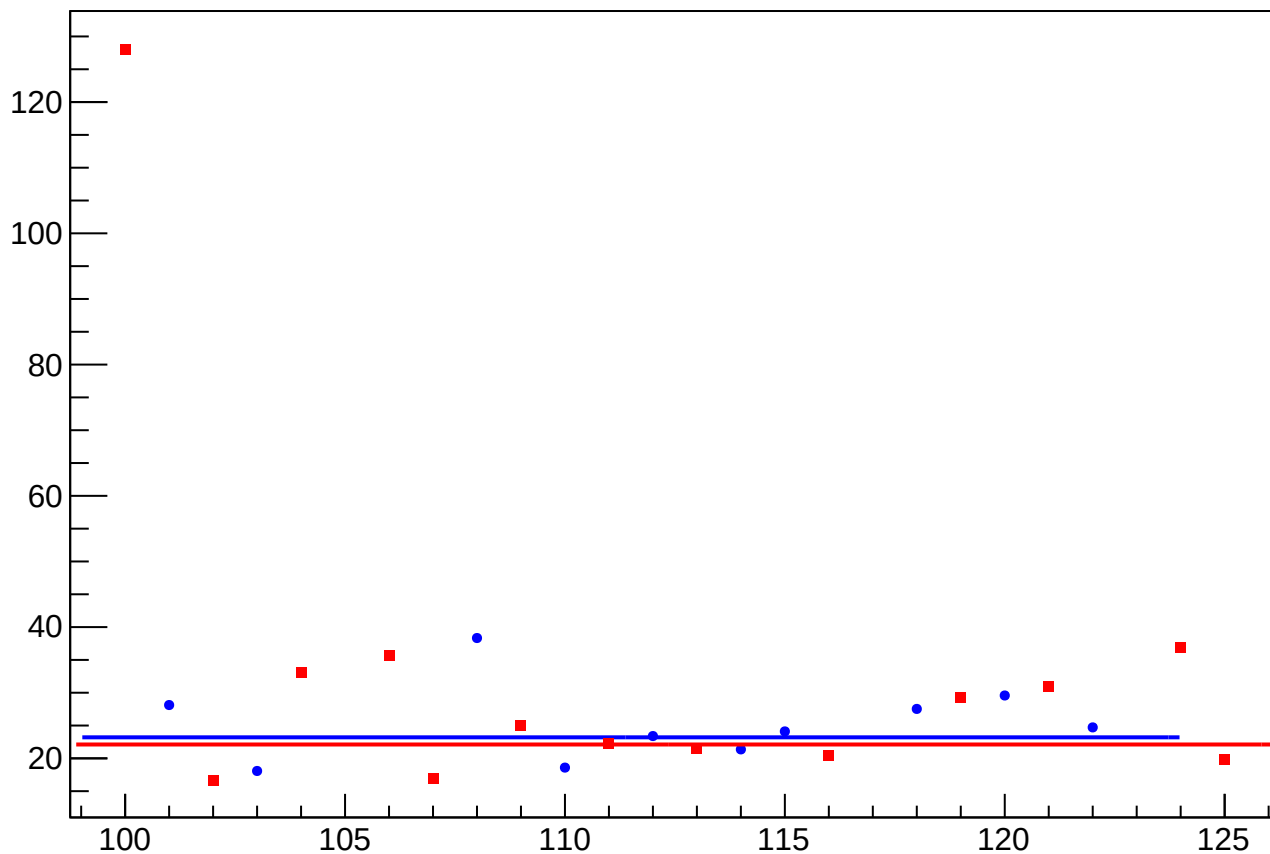
Right: -0.018 $\pm$ 0.008 χ^2 /NDF: 24.7/22

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: -0.018 $\pm$ 0.008 χ^2 /NDF: 24.7/22

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: 22.112+/-0.008 χ^2 /NDF: 611639.0/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

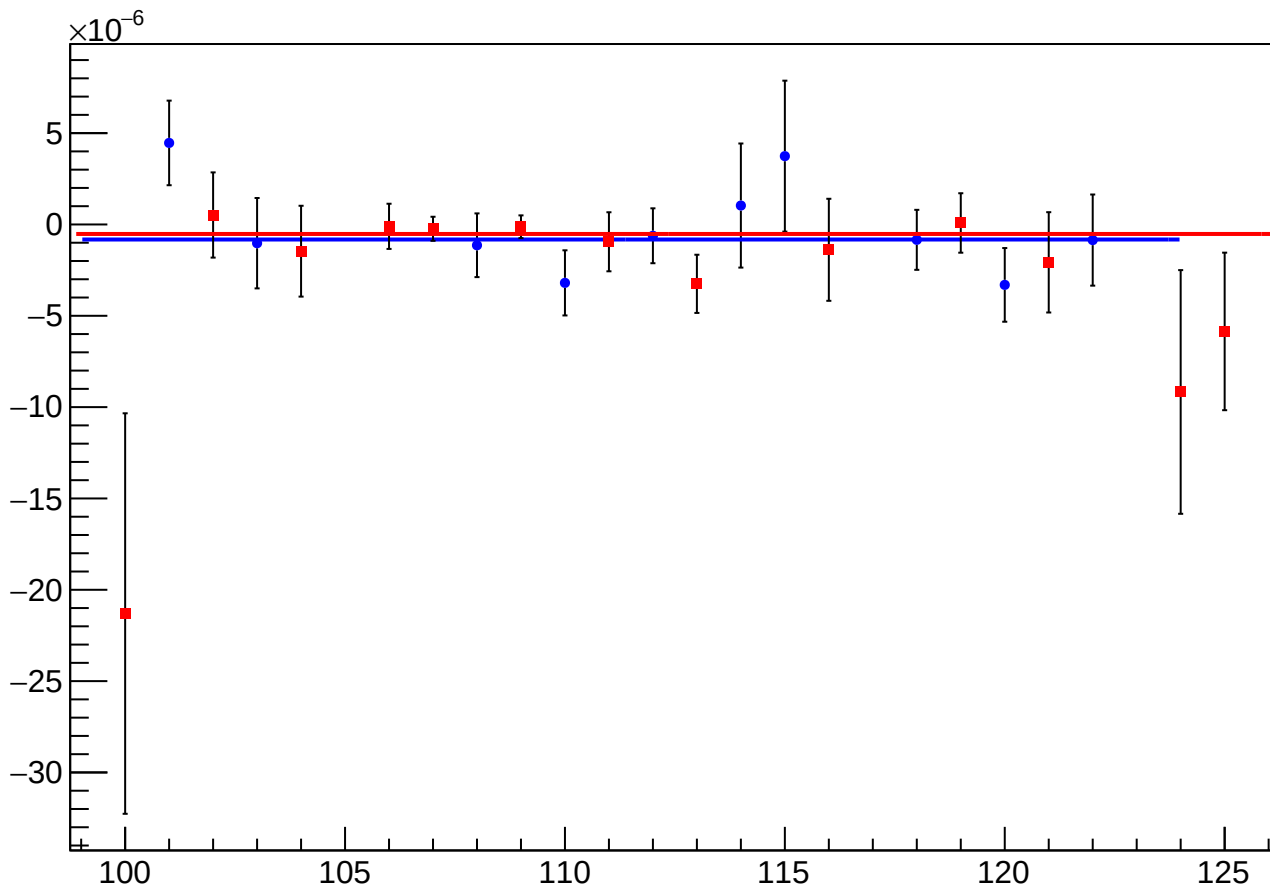
Right: 22.593+/-0.006 χ^2 /NDF: 962864.1/22

In: 23.204+/-0.009 χ^2 /NDF:342209.1/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 22.593+/-0.006 χ^2 /NDF: 962864.1/22

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 : 11.4/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

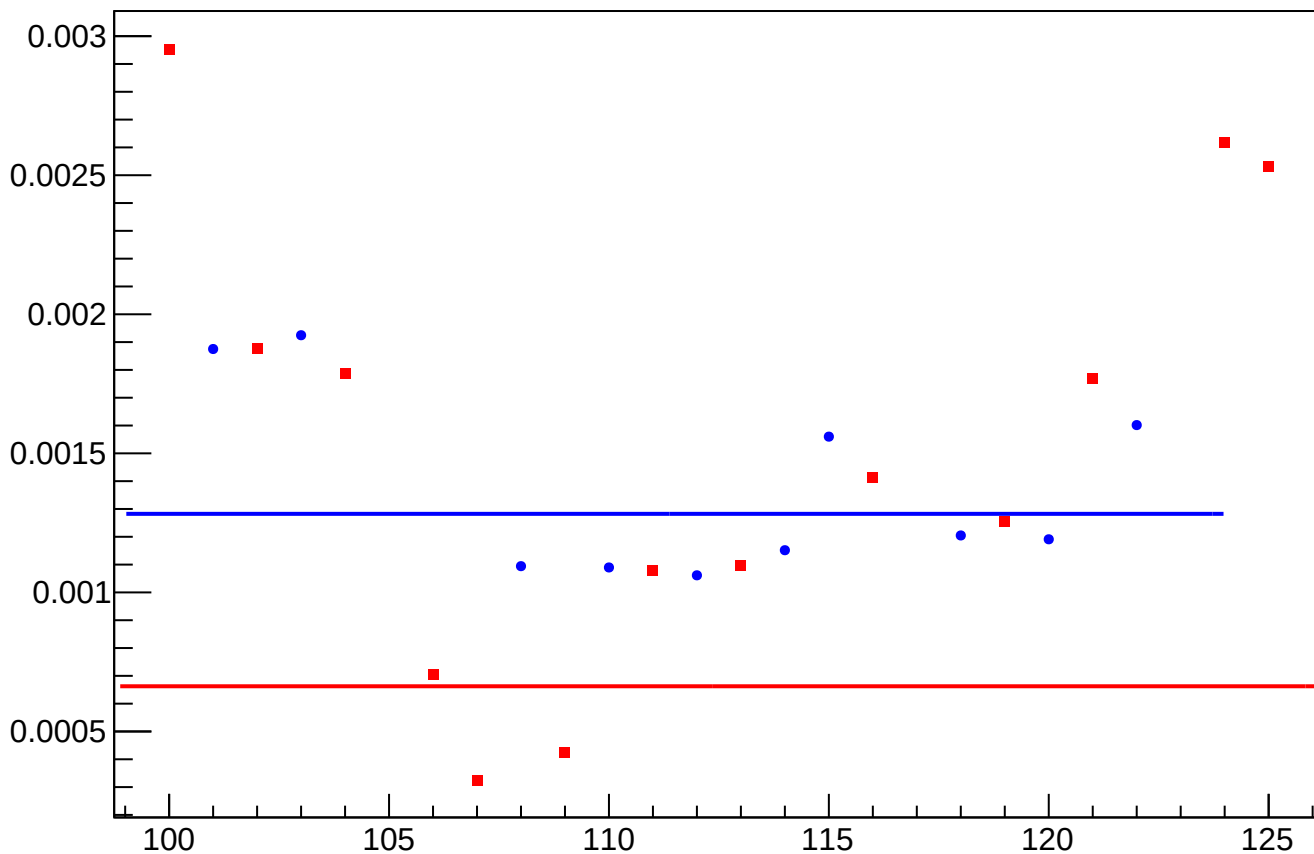
Right: -0.000 ± 0.000 χ^2/NDF : 21.7/22

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 : 21.7/22

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 : 3425815.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

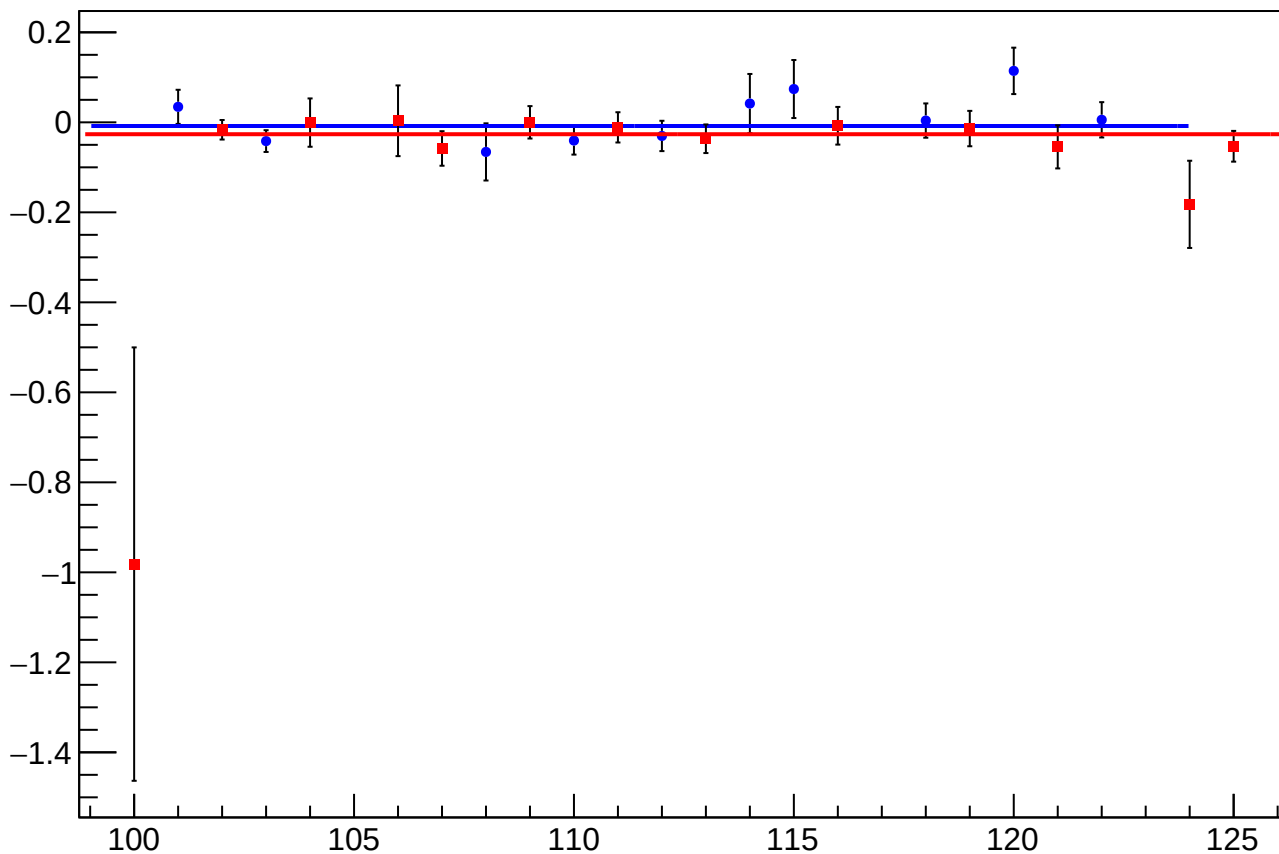
Right: 0.001+/-0.000 χ^2/NDF : 5209067.8/22

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 : 5209067.8/22

asym_sam_1357_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 $\pm$ 0.012 χ^2 /NDF: 13.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.026 $\pm$ 0.011 χ^2 /NDF: 9.9/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

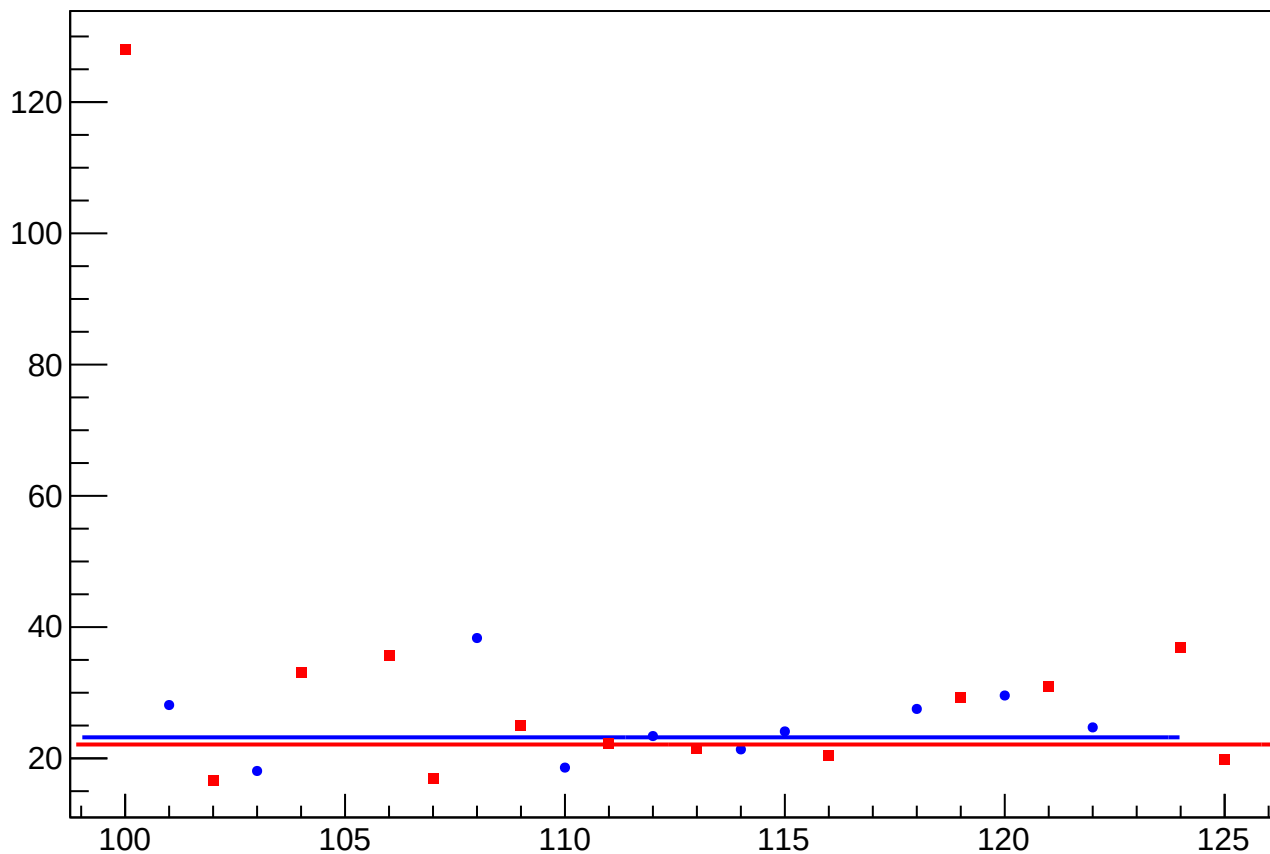
Right: -0.018 $\pm$ 0.008 χ^2 /NDF: 24.7/22

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: -0.018 $\pm$ 0.008 χ^2 /NDF: 24.7/22

asym_sam_1357_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.205 $\pm$ 0.009 χ^2 /NDF: 342192.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.112 $\pm$ 0.008 χ^2 /NDF: 611621.4/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

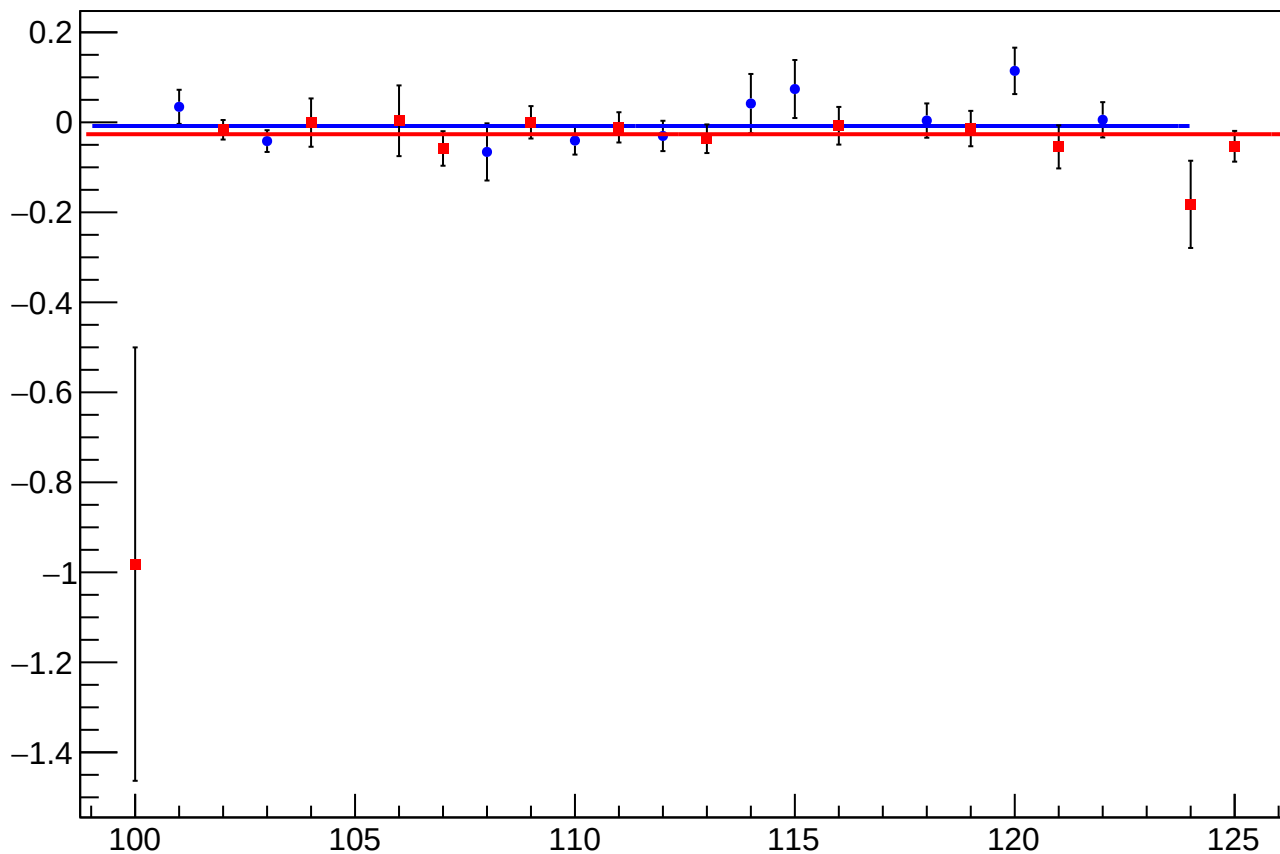
Right: 22.593 $\pm$ 0.006 χ^2 /NDF: 962829.3/22

In: 23.205 $\pm$ 0.009 χ^2 /NDF: 342192.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.593 $\pm$ 0.006 χ^2 /NDF: 962829.3/22

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 ± 0.012 χ^2/NDF : 13.6/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.026 ± 0.011 χ^2/NDF : 9.9/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

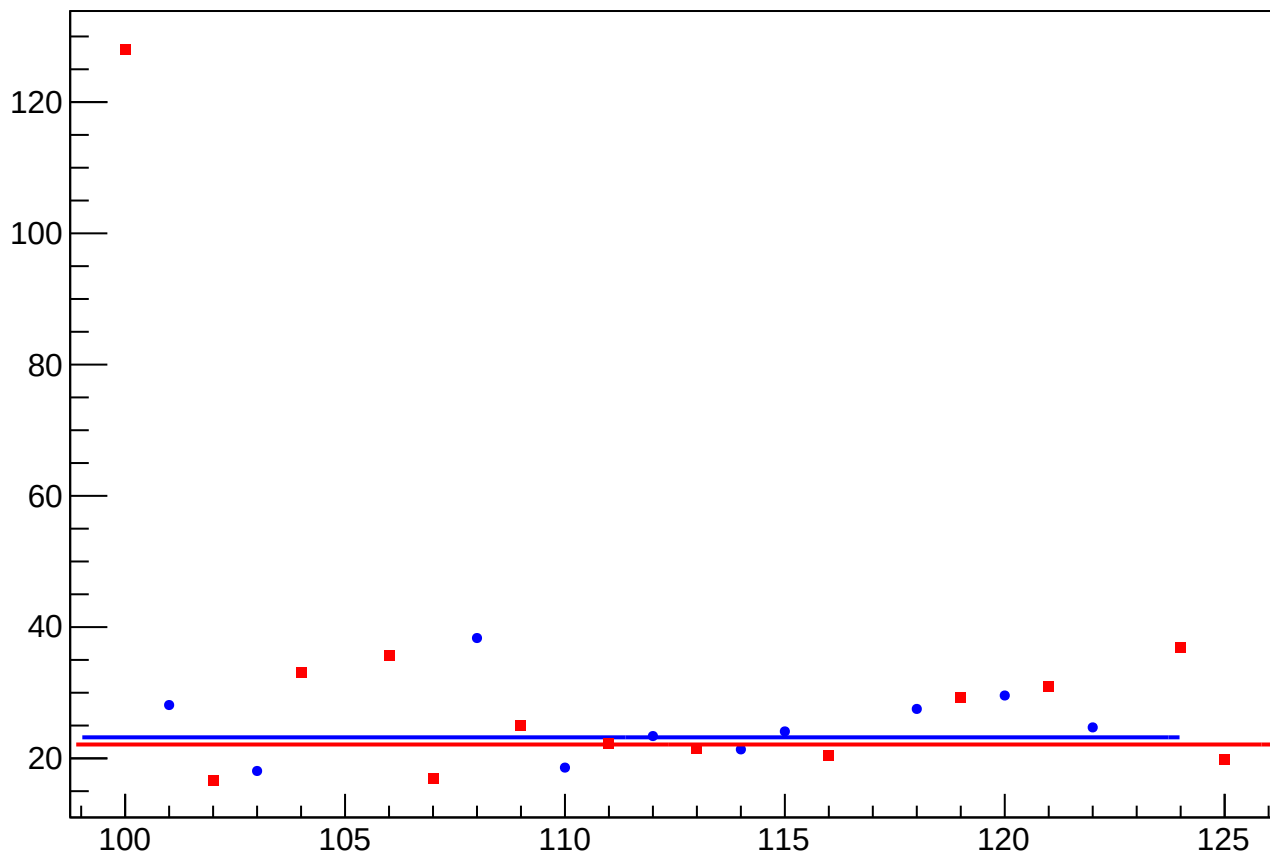
Right: -0.018 ± 0.008 χ^2/NDF : 24.7/22

In: -0.008 ± 0.012 χ^2/NDF : 13.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.018 ± 0.008 χ^2/NDF : 24.7/22

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: 22.112+/-0.008 χ^2/NDF : 611621.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

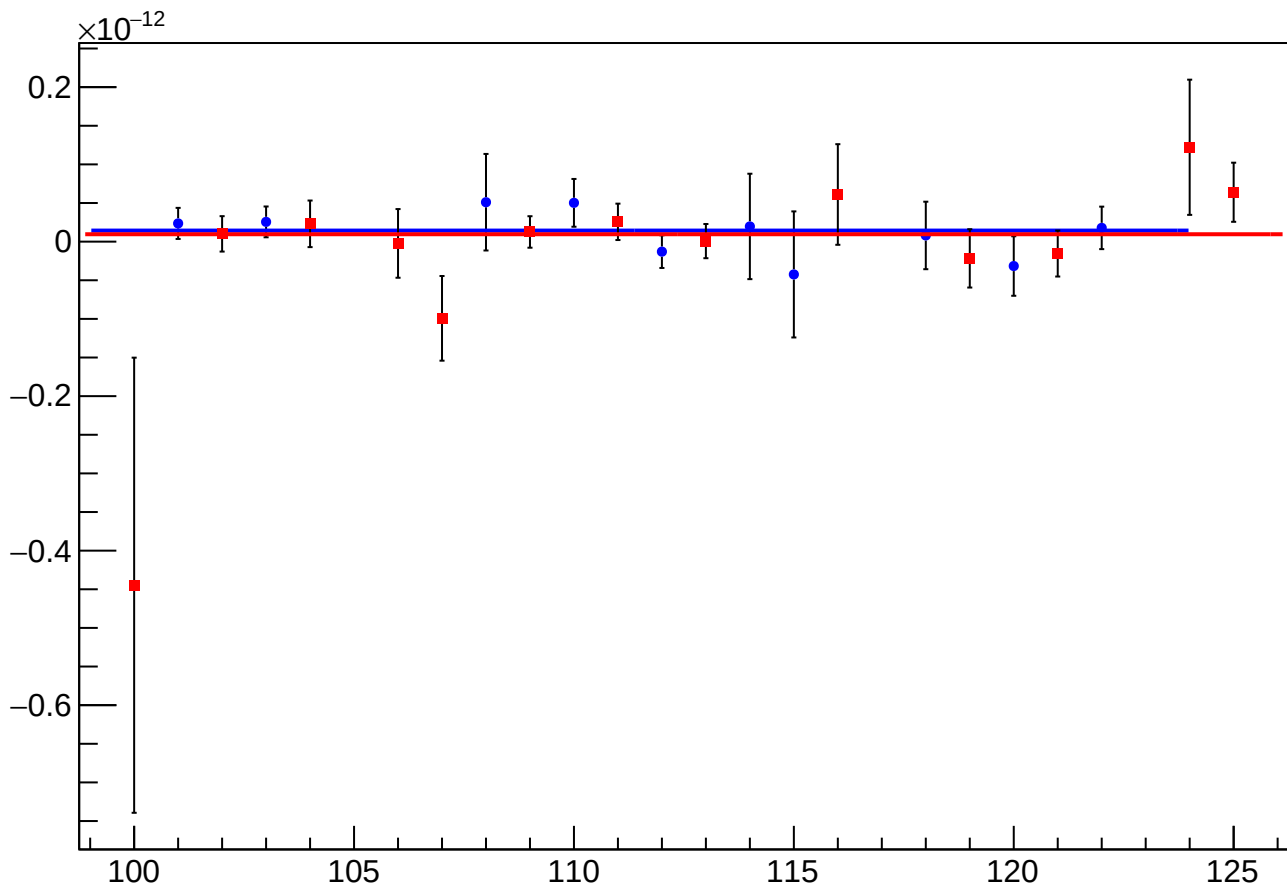
Right: 22.593+/-0.006 χ^2/NDF : 962829.3/22

In: 23.205+/-0.009 χ^2/NDF : 342192.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.593+/-0.006 χ^2/NDF : 962829.3/22

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 : 12.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

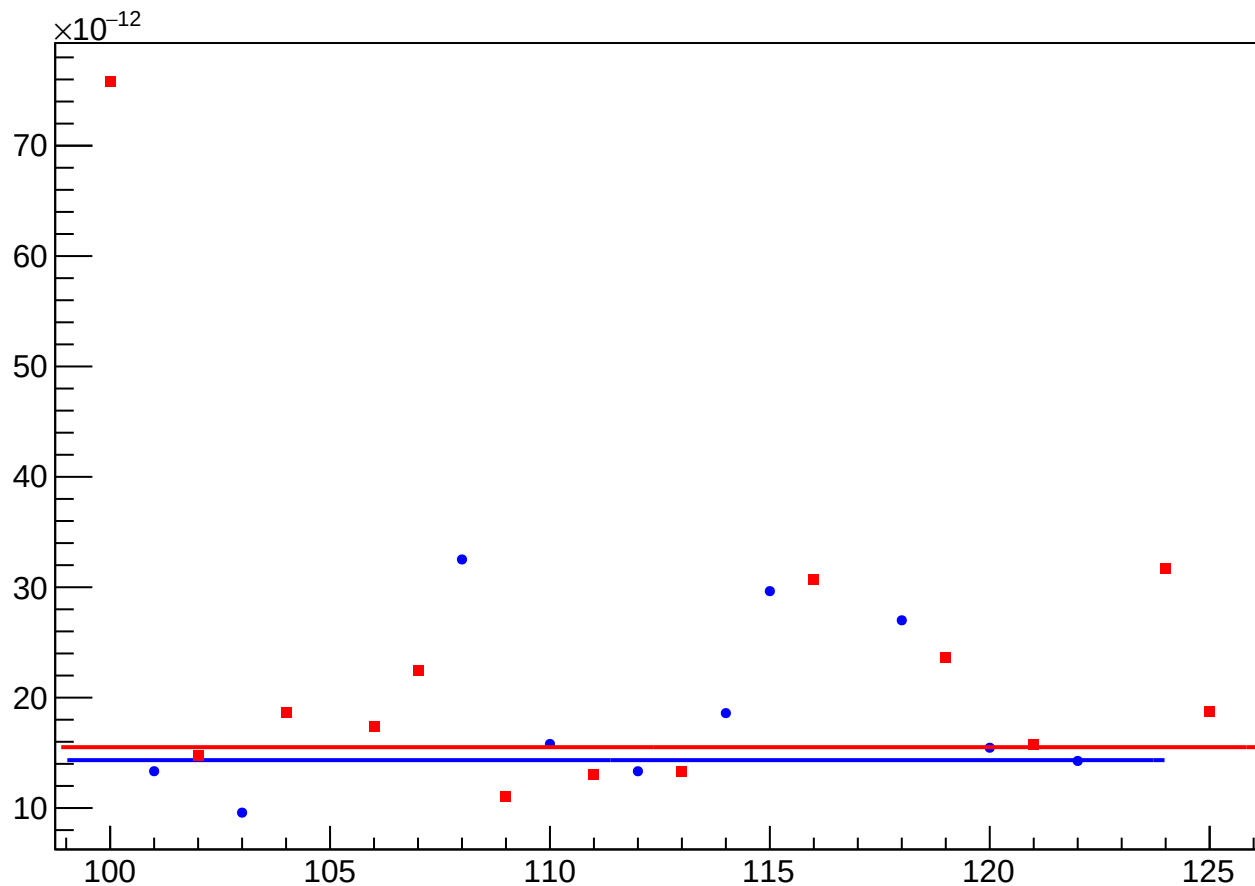
Right: 0.000+/-0.000 χ^2/NDF : 18.9/22

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 : 18.9/22

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 : 565447.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

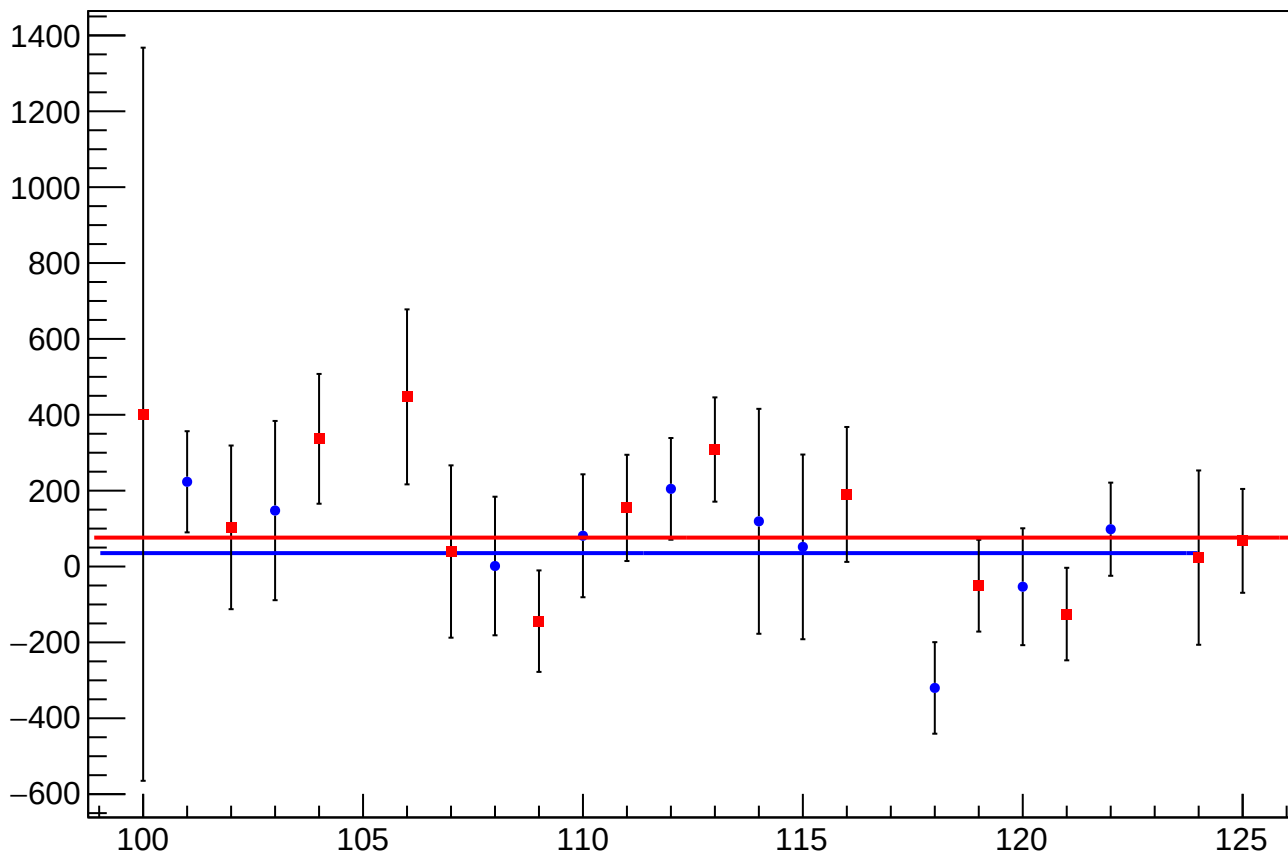
Right: 0.000+/-0.000 χ^2/NDF : 1127498.2/22

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 : 1127498.2/22

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: 76.244+/-44.983 χ^2/NDF : 15.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

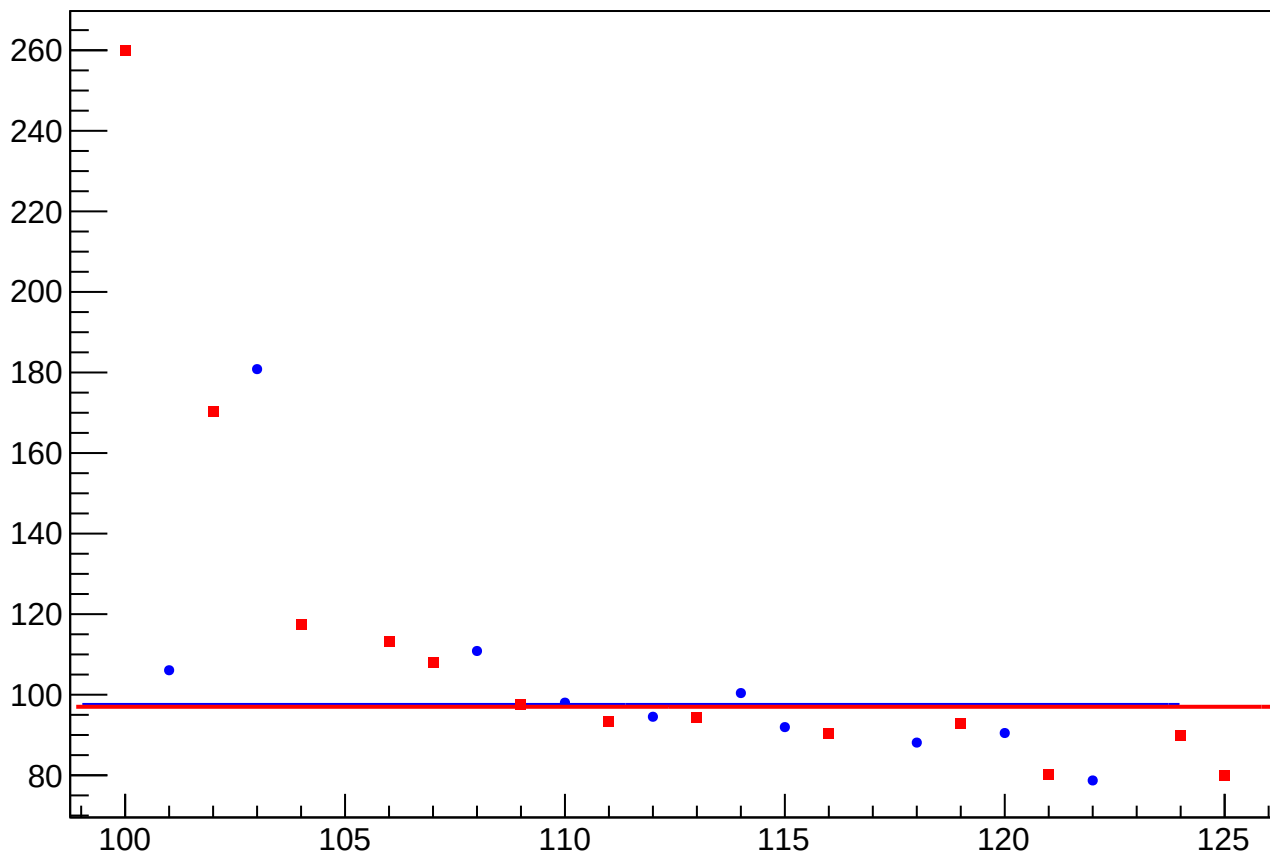
Right: 57.869+/-33.379 χ^2/NDF : 28.9/22

In: 35.351+/-49.794 χ^2/NDF : 13.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.869+/-33.379 χ^2/NDF : 28.9/22

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: 97.004+/-0.032 χ^2/NDF : 408902.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

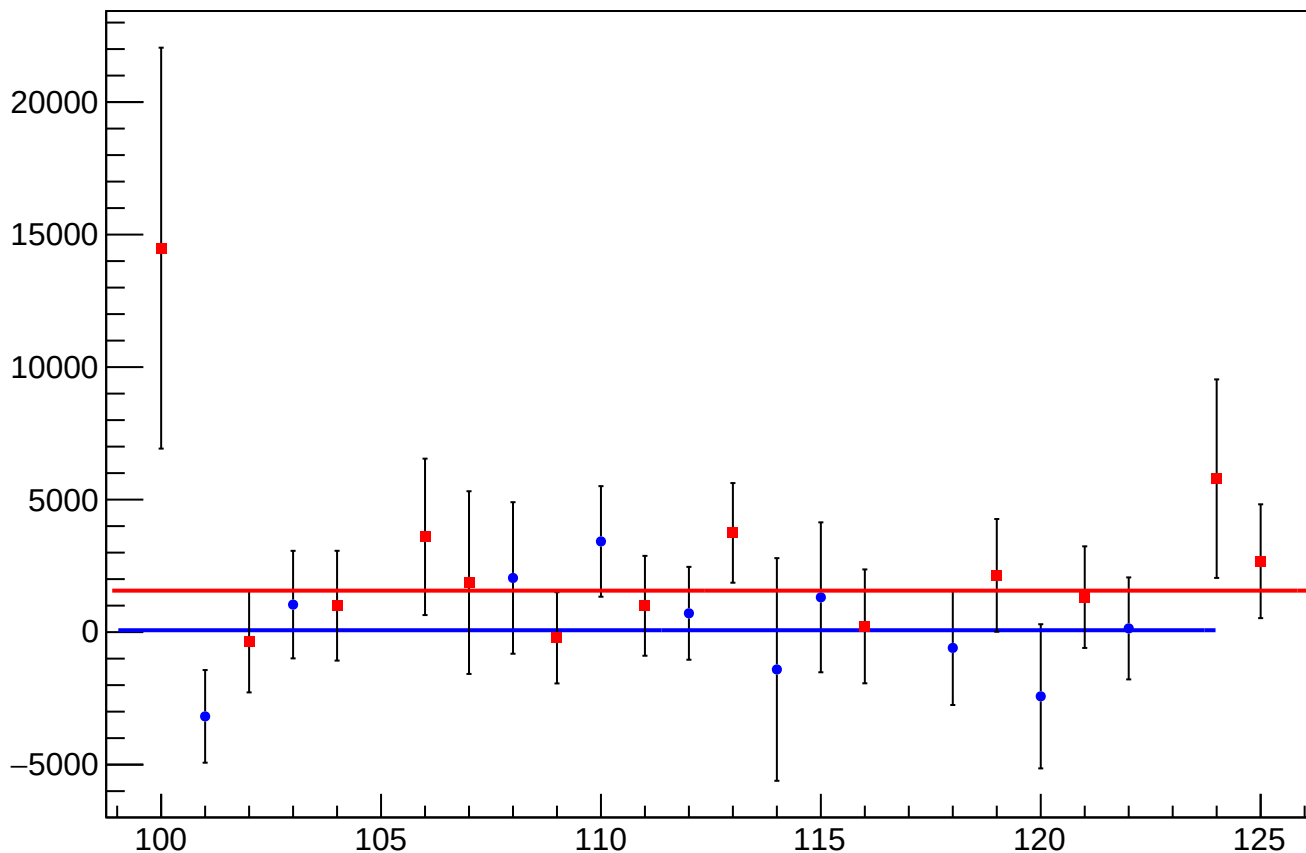
Right: 97.209+/-0.024 χ^2/NDF : 742137.5/22

In: 97.460+/-0.035 χ^2/NDF : 333142.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.209+/-0.024 χ^2/NDF : 742137.5/22

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: 1565.377+/-617.852 χ^2/NDF : 9.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

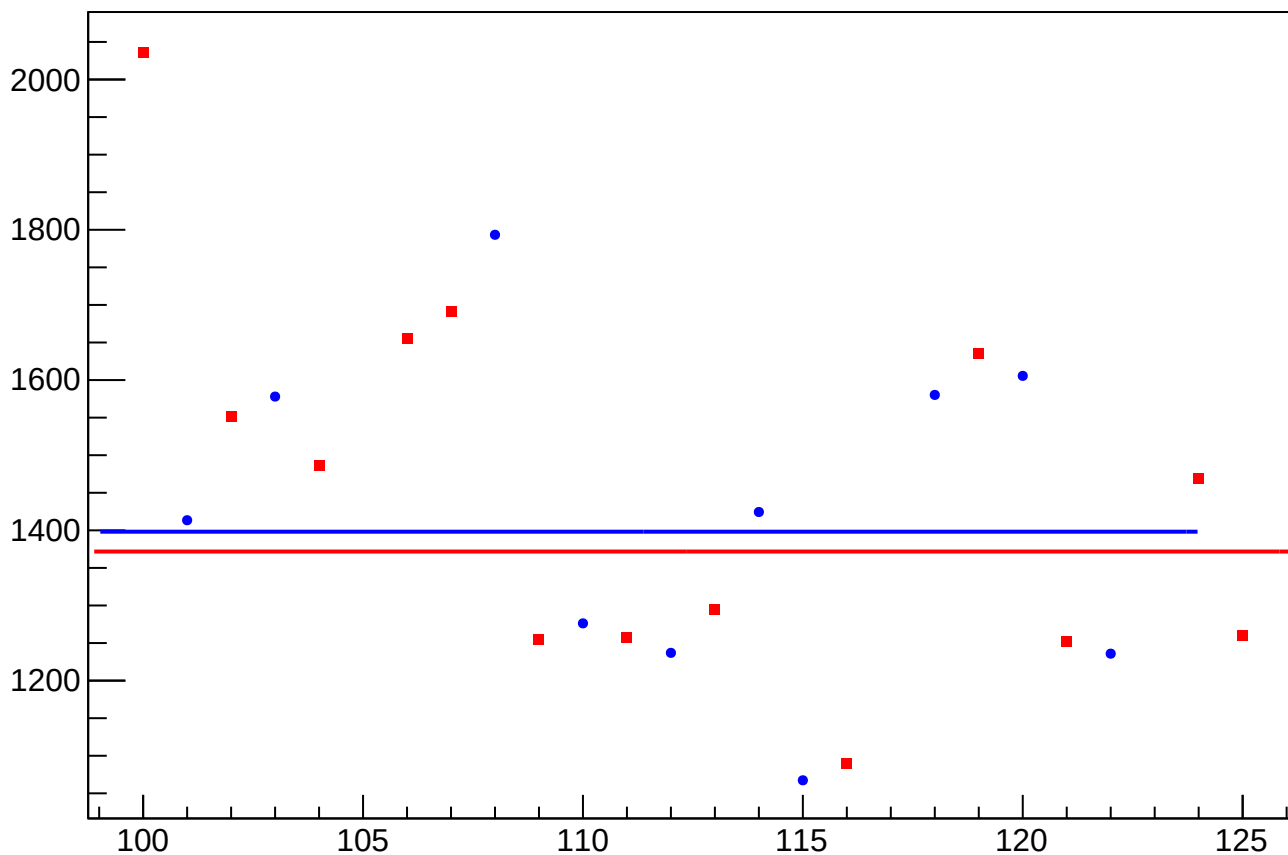
Right: 909.365+/-462.742 χ^2/NDF : 19.7/22

In: 71.284+/-698.348 χ^2/NDF : 8.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 909.365+/-462.742 χ^2/NDF : 19.7/22

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: 1371.795+/-0.437 χ^2/NDF : 174085.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

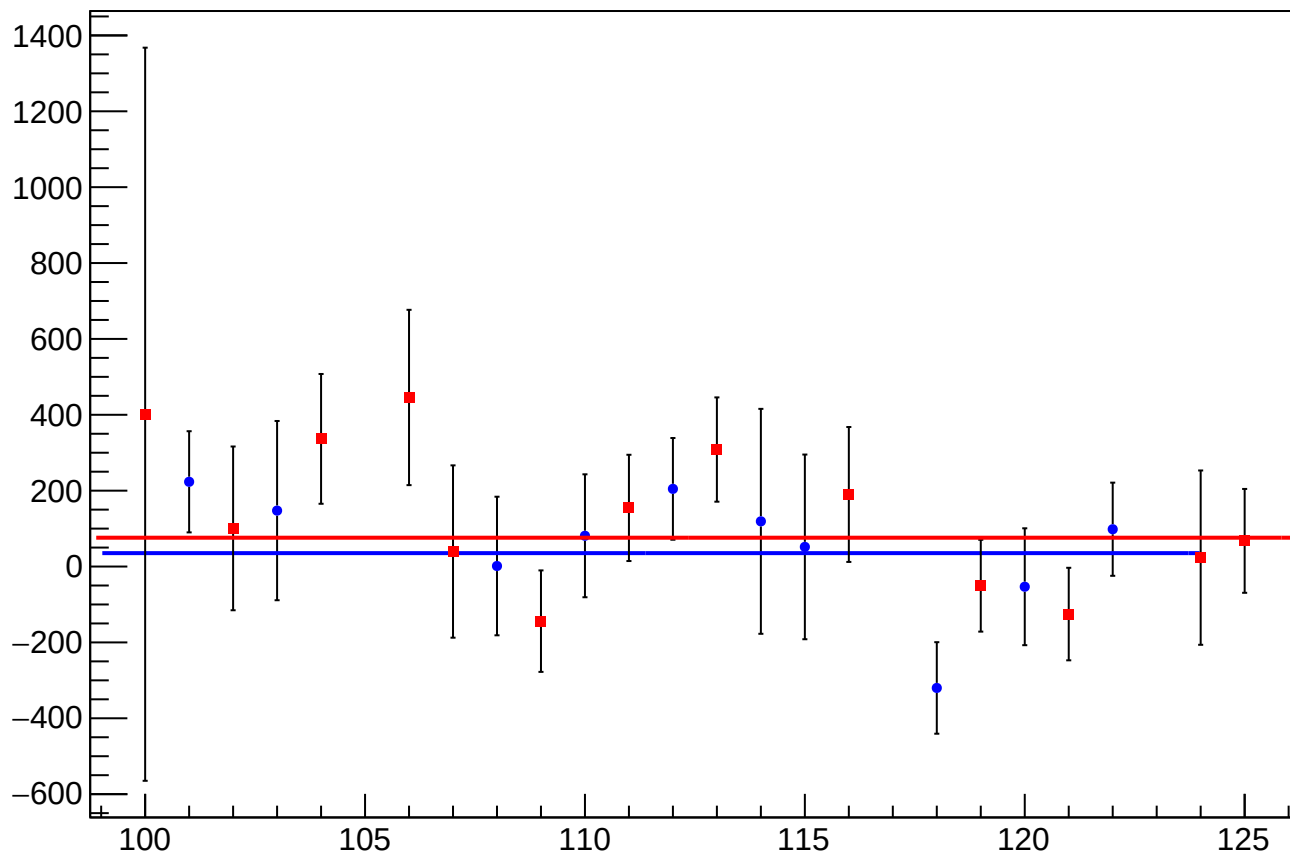
Right: 1383.393+/-0.327 χ^2/NDF : 321124.3/22

In: 1398.210+/-0.494 χ^2/NDF :145433.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1383.393+/-0.327 χ^2/NDF : 321124.3/22

cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 35.337 $\pm$ 49.794 χ^2 /NDF: 13.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 76.003 $\pm$ 44.987 χ^2 /NDF: 15.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

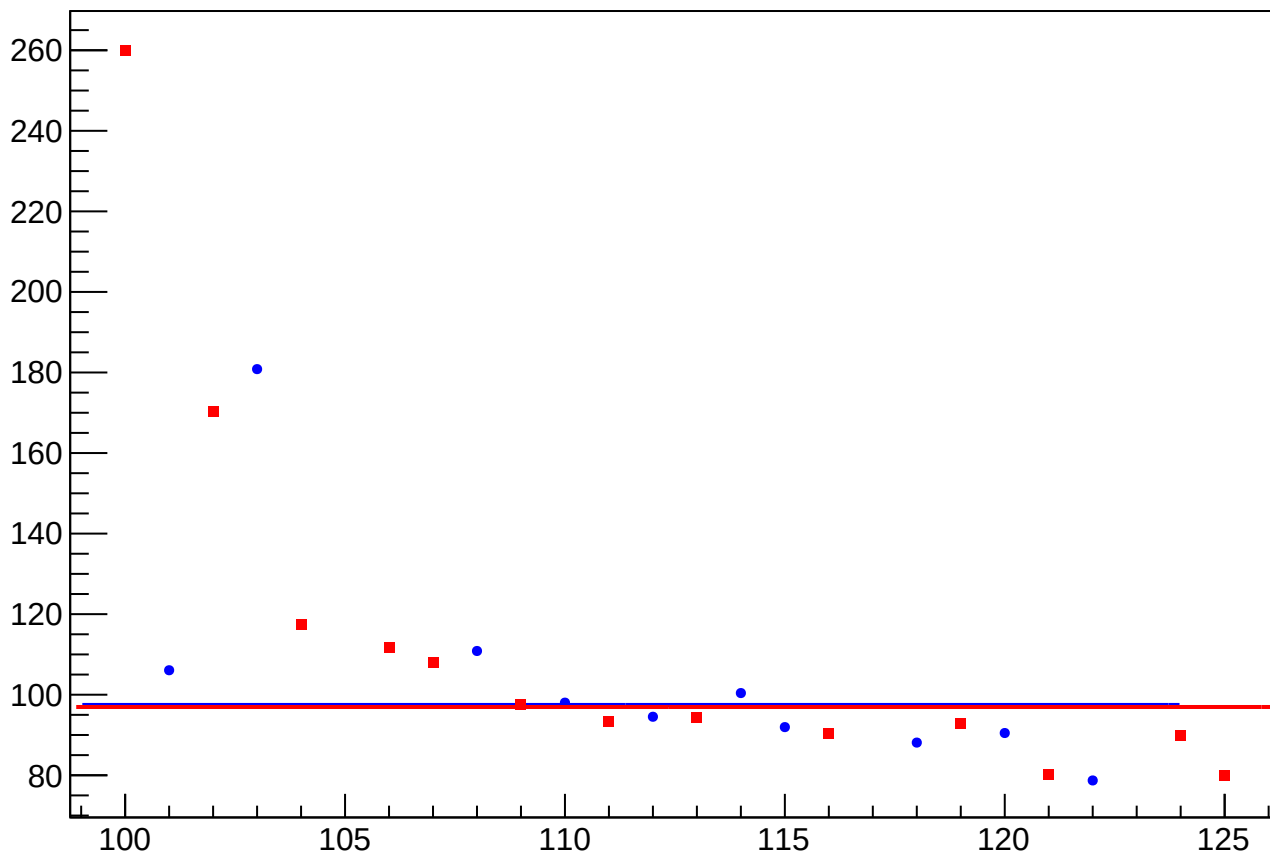
Right: 57.727 $\pm$ 33.381 χ^2 /NDF: 28.8/22

In: 35.337 $\pm$ 49.794 χ^2 /NDF:13.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 57.727 $\pm$ 33.381 χ^2 /NDF: 28.8/22

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: 96.952+/-0.032 χ^2/NDF : 407637.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

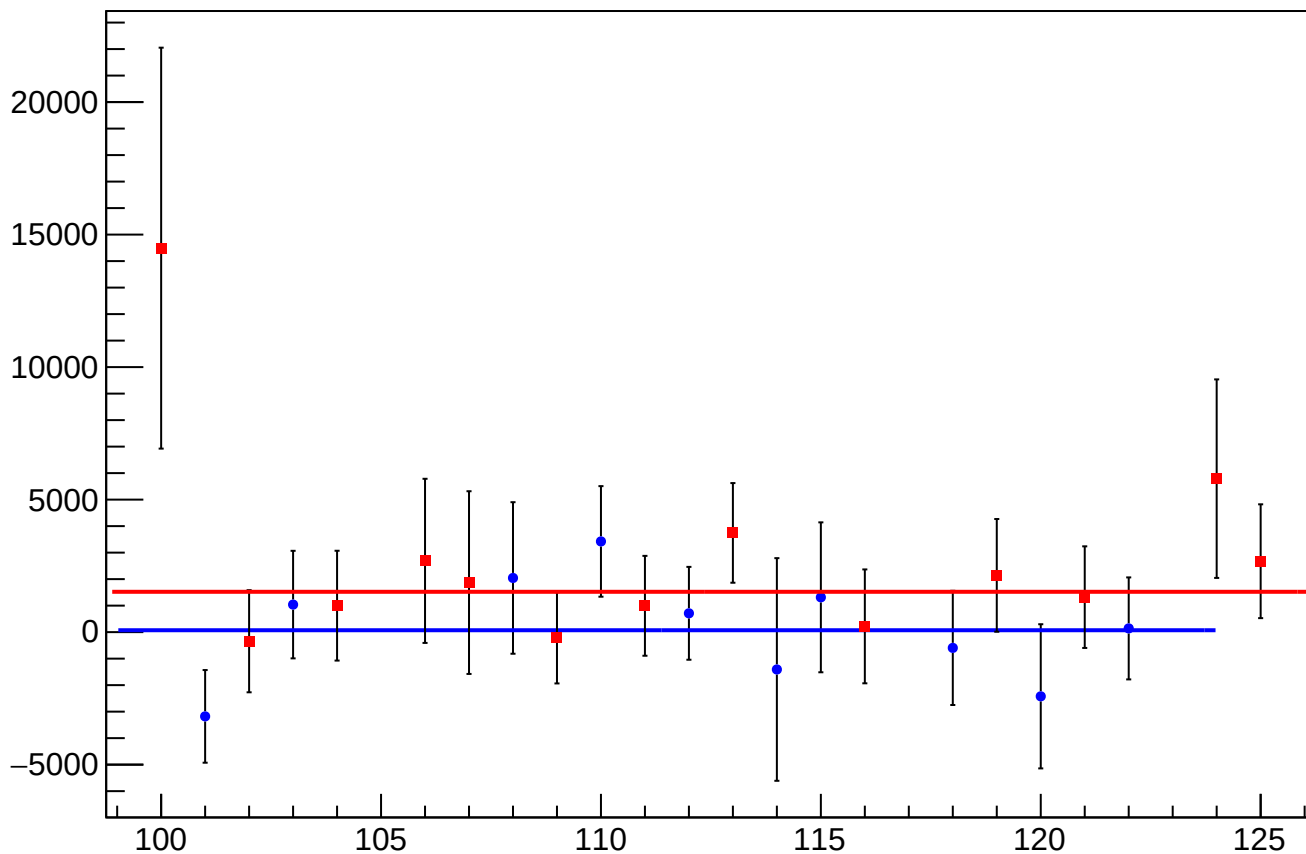
Right: 97.180+/-0.024 χ^2/NDF : 740898.5/22

In: 97.460+/-0.035 χ^2/NDF : 333146.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.180+/-0.024 χ^2/NDF : 740898.5/22

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: 1521.928+/-619.141 χ^2/NDF : 8.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

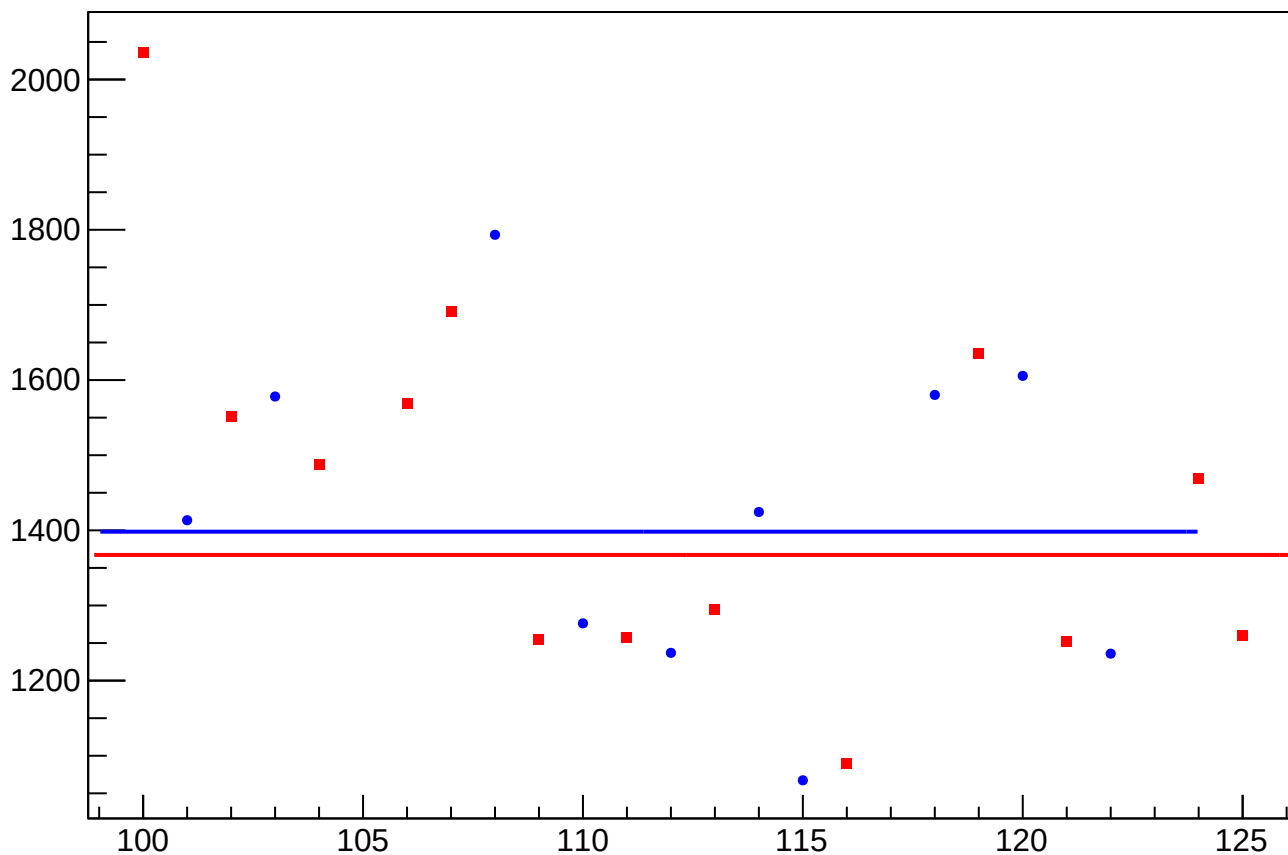
Right: 883.545+/-463.284 χ^2/NDF : 19.2/22

In: 71.362+/-698.354 χ^2/NDF : 8.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 883.545+/-463.284 χ^2/NDF : 19.2/22

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: 1367.276+/-0.438 χ^2/NDF : 163807.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

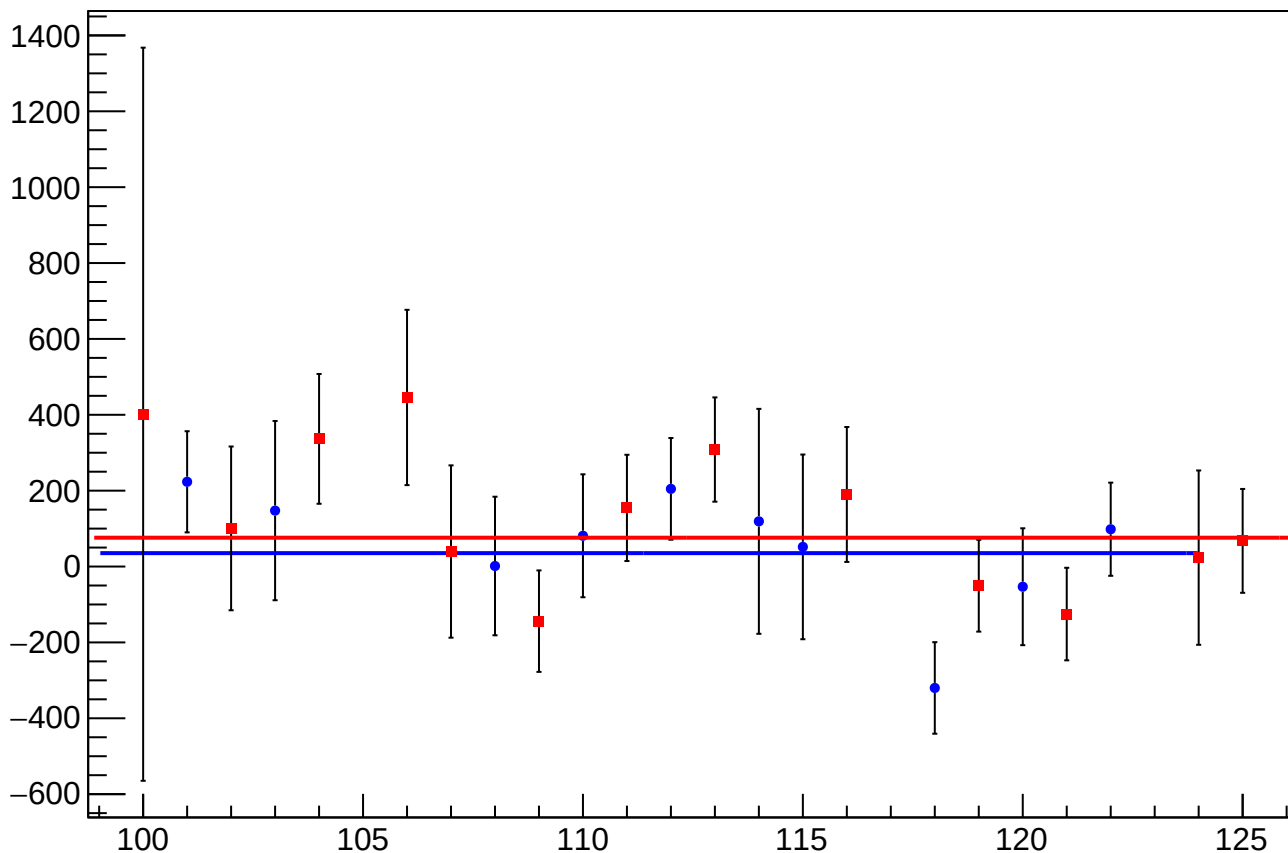
Right: 1380.894+/-0.328 χ^2/NDF : 311456.8/22

In: 1398.220+/-0.494 χ^2/NDF : 145450.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1380.894+/-0.328 χ^2/NDF : 311456.8/22

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: 76.003+/-44.987 χ^2/NDF : 15.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

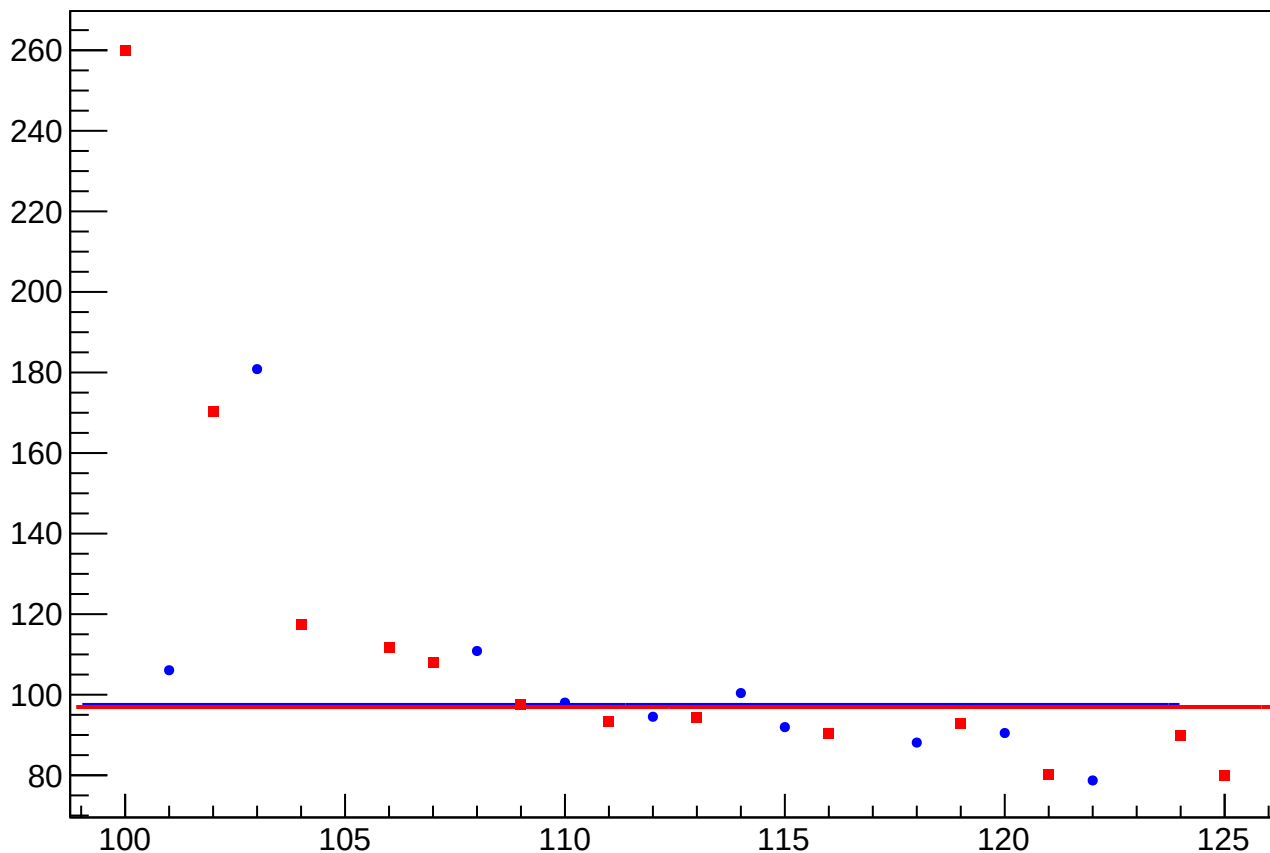
Right: 57.727+/-33.381 χ^2/NDF : 28.8/22

In: 35.337+/-49.794 χ^2/NDF :13.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 57.727+/-33.381 χ^2/NDF : 28.8/22

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: 96.952+/-0.032 χ^2/NDF : 407637.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

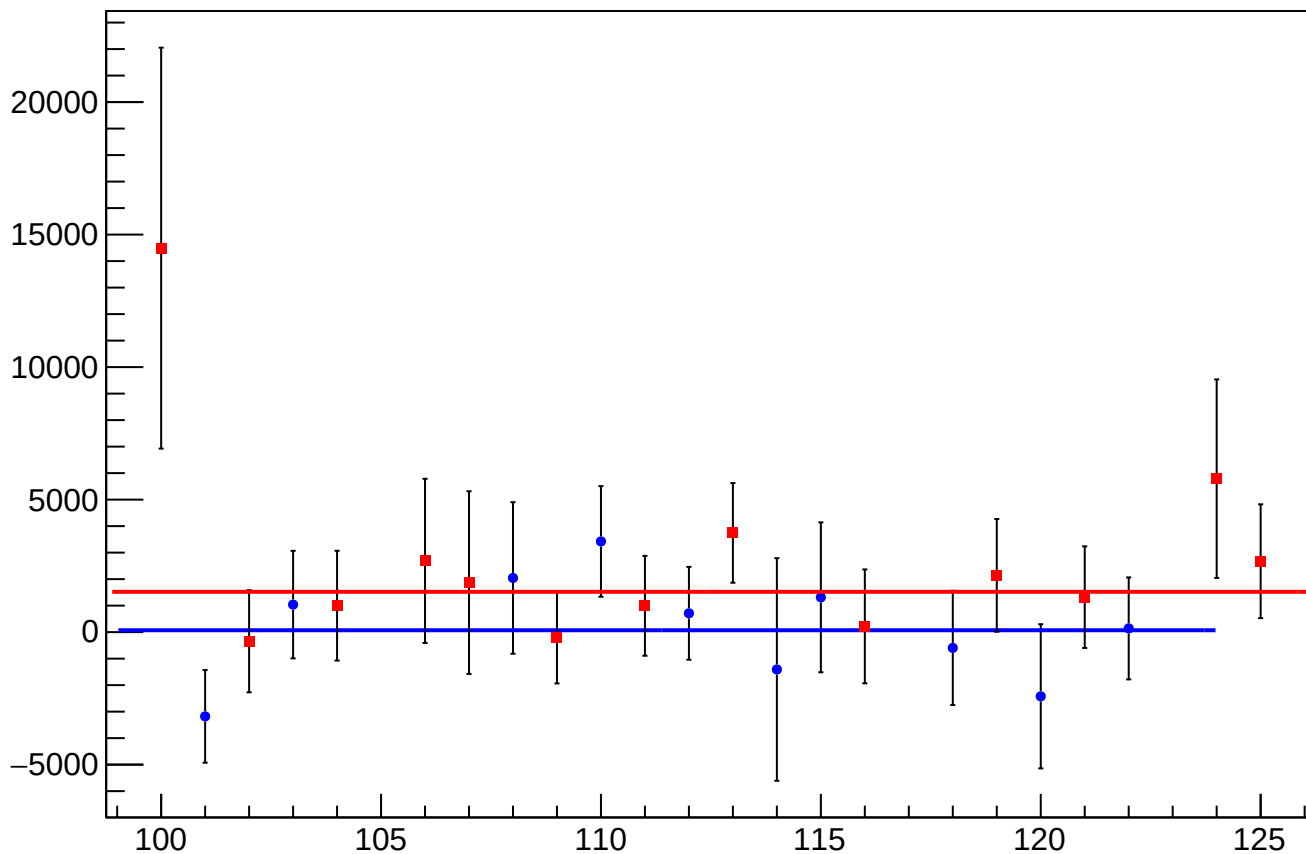
Right: 97.180+/-0.024 χ^2/NDF : 740898.5/22

In: 97.460+/-0.035 χ^2/NDF : 333146.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.180+/-0.024 χ^2/NDF : 740898.5/22

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: 1521.928+/-619.141 χ^2/NDF : 8.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

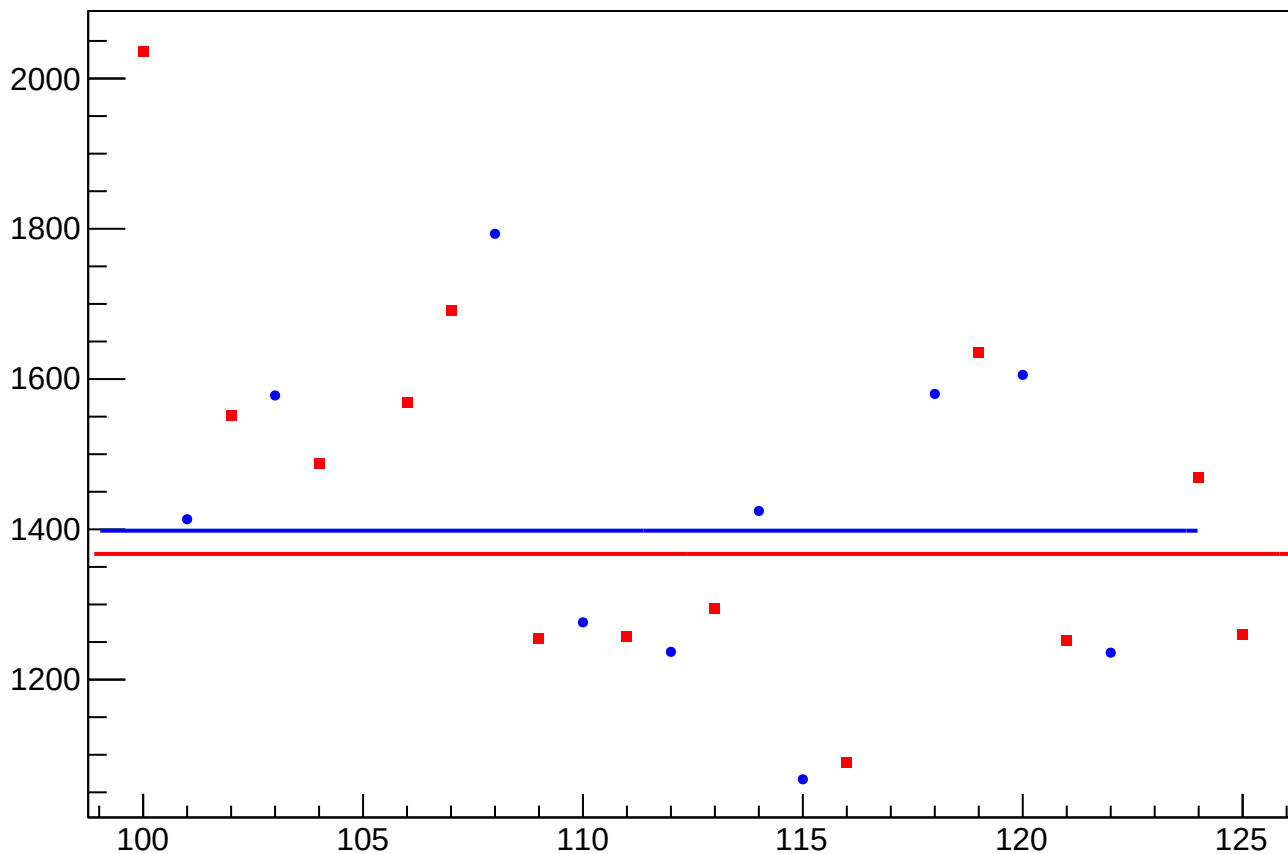
Right: 883.545+/-463.284 χ^2/NDF : 19.2/22

In: 71.362+/-698.354 χ^2/NDF : 8.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 883.545+/-463.284 χ^2/NDF : 19.2/22

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: 1367.276+/-0.438 χ^2/NDF : 163807.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

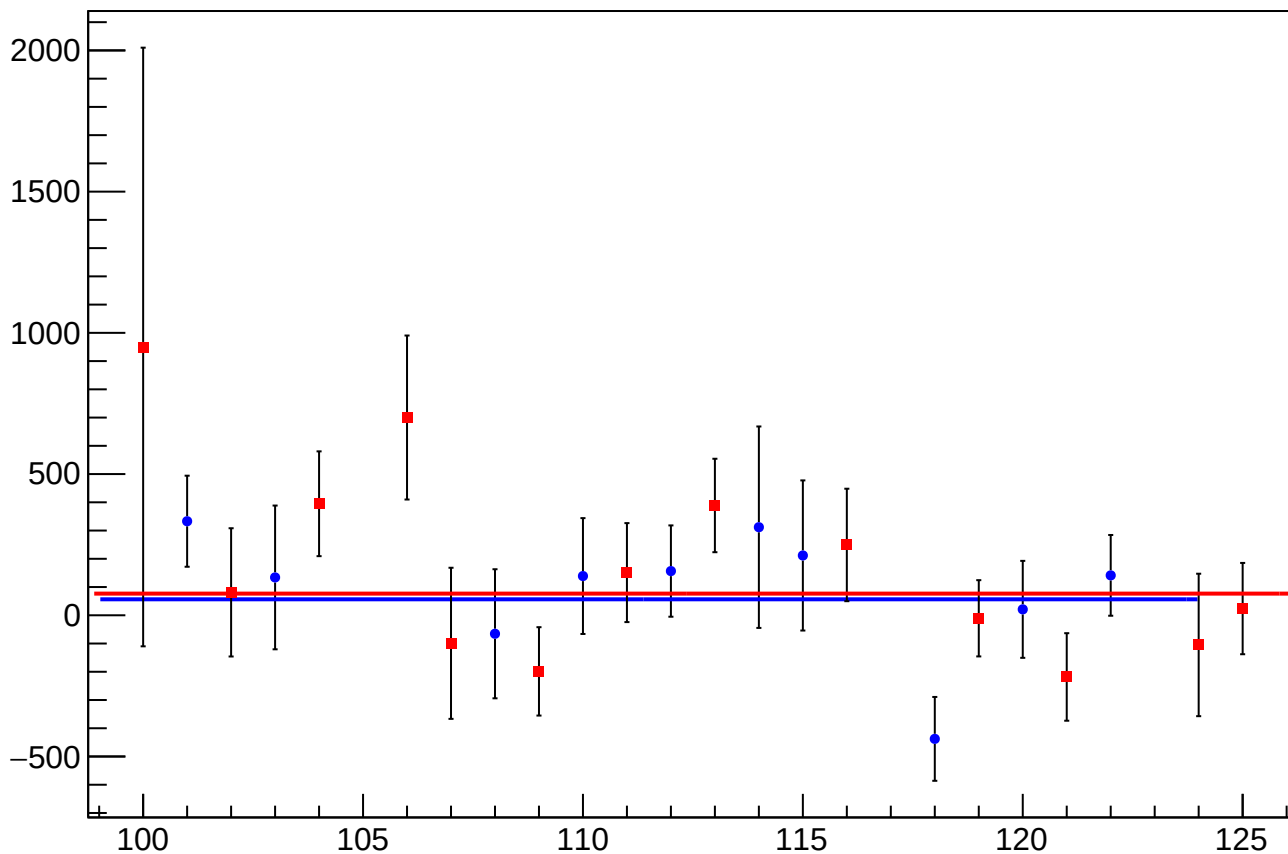
Right: 1380.894+/-0.328 χ^2/NDF : 311456.8/22

In: 1398.220+/-0.494 χ^2/NDF :145450.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1380.894+/-0.328 χ^2/NDF : 311456.8/22

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: 76.708 $\pm$ 52.641 χ^2 /NDF: 20.9/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

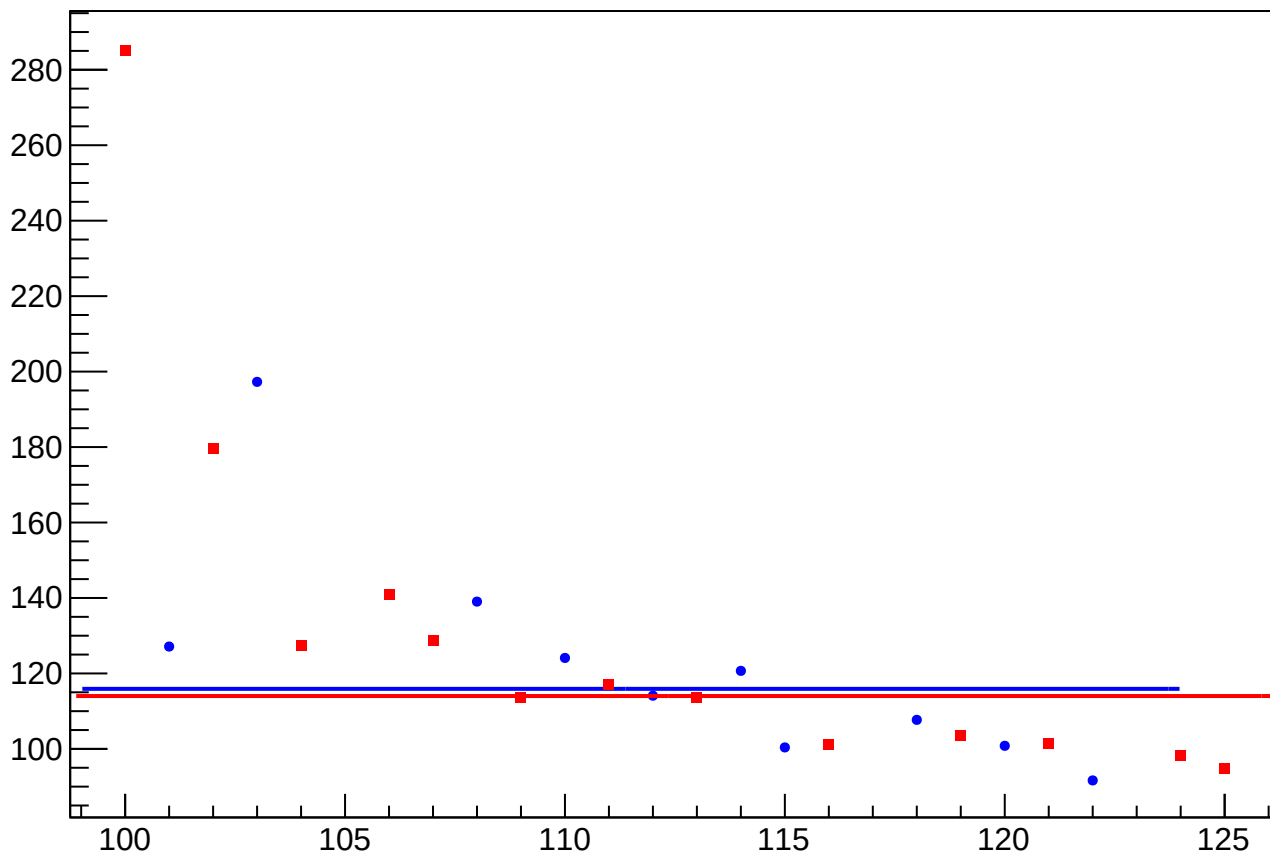
Right: 67.807 $\pm$ 39.337 χ^2 /NDF: 37.2/22

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: 67.807 $\pm$ 39.337 χ^2 /NDF: 37.2/22

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: 114.012+/-0.037 χ^2/NDF : 323642.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

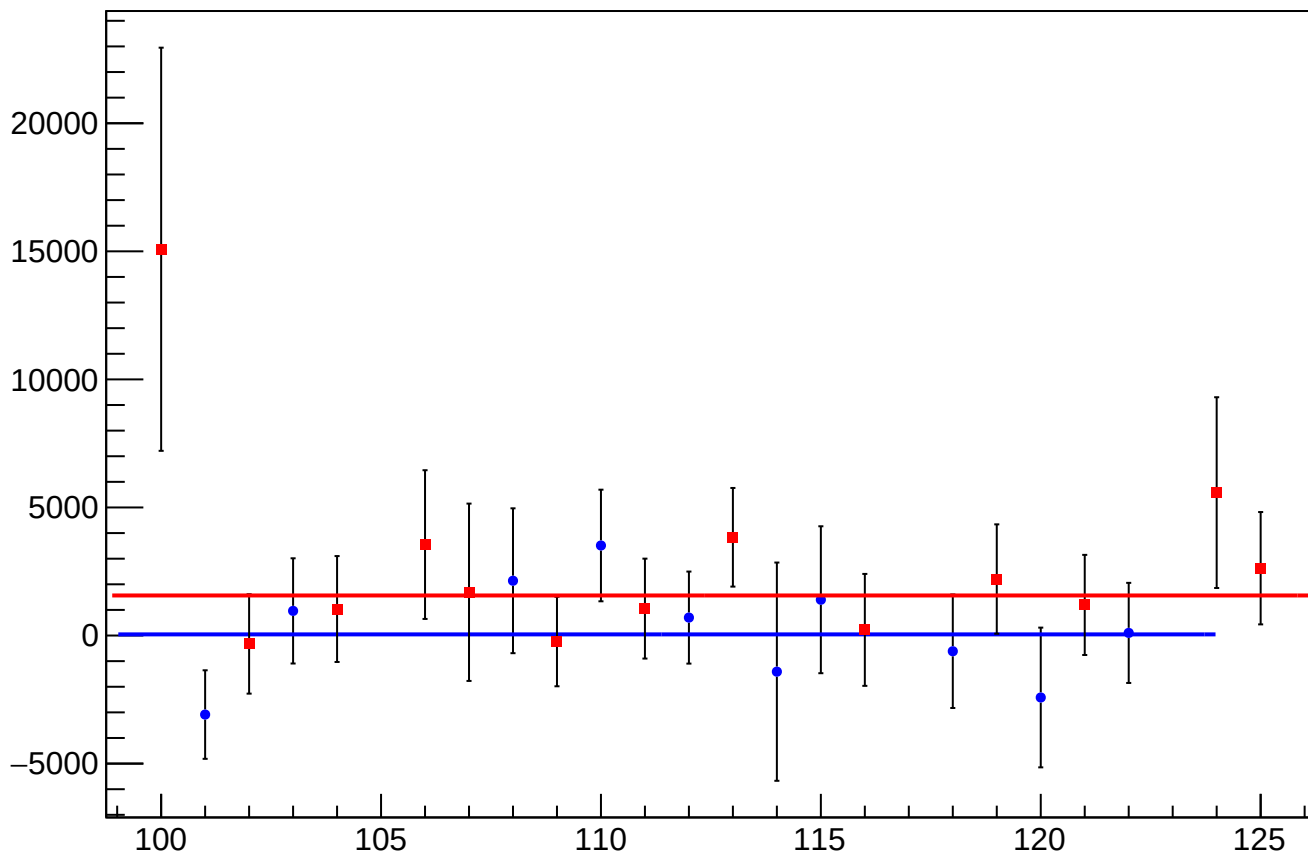
Right: 114.854+/-0.028 χ^2/NDF : 649267.2/22

In: 115.919+/-0.042 χ^2/NDF : 324466.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.854+/-0.028 χ^2/NDF : 649267.2/22

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: 1564.112+/-626.405 χ^2/NDF : 8.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

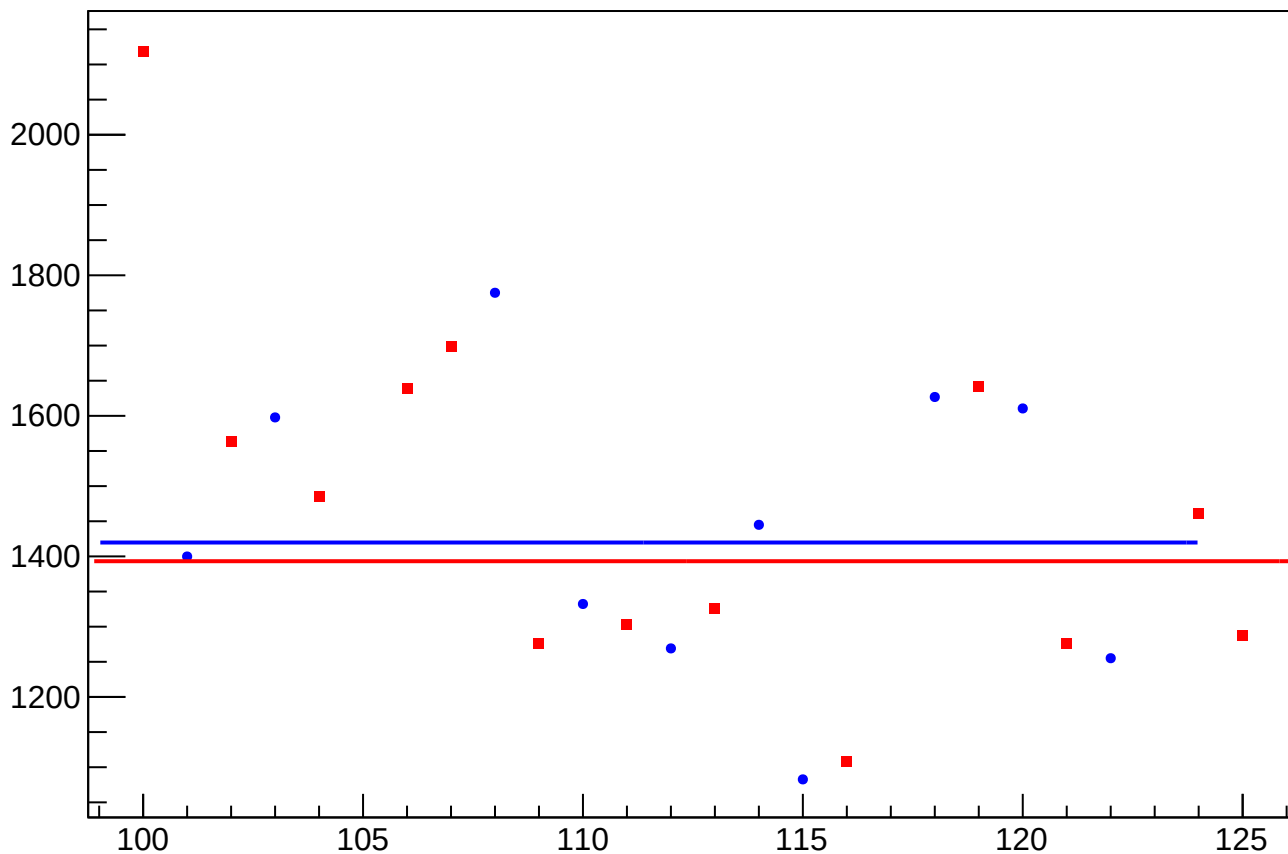
Right: 897.207+/-469.201 χ^2/NDF : 19.4/22

In: 44.773+/-708.197 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 897.207+/-469.201 χ^2/NDF : 19.4/22

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: 1393.153+/-0.443 χ^2/NDF : 155324.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

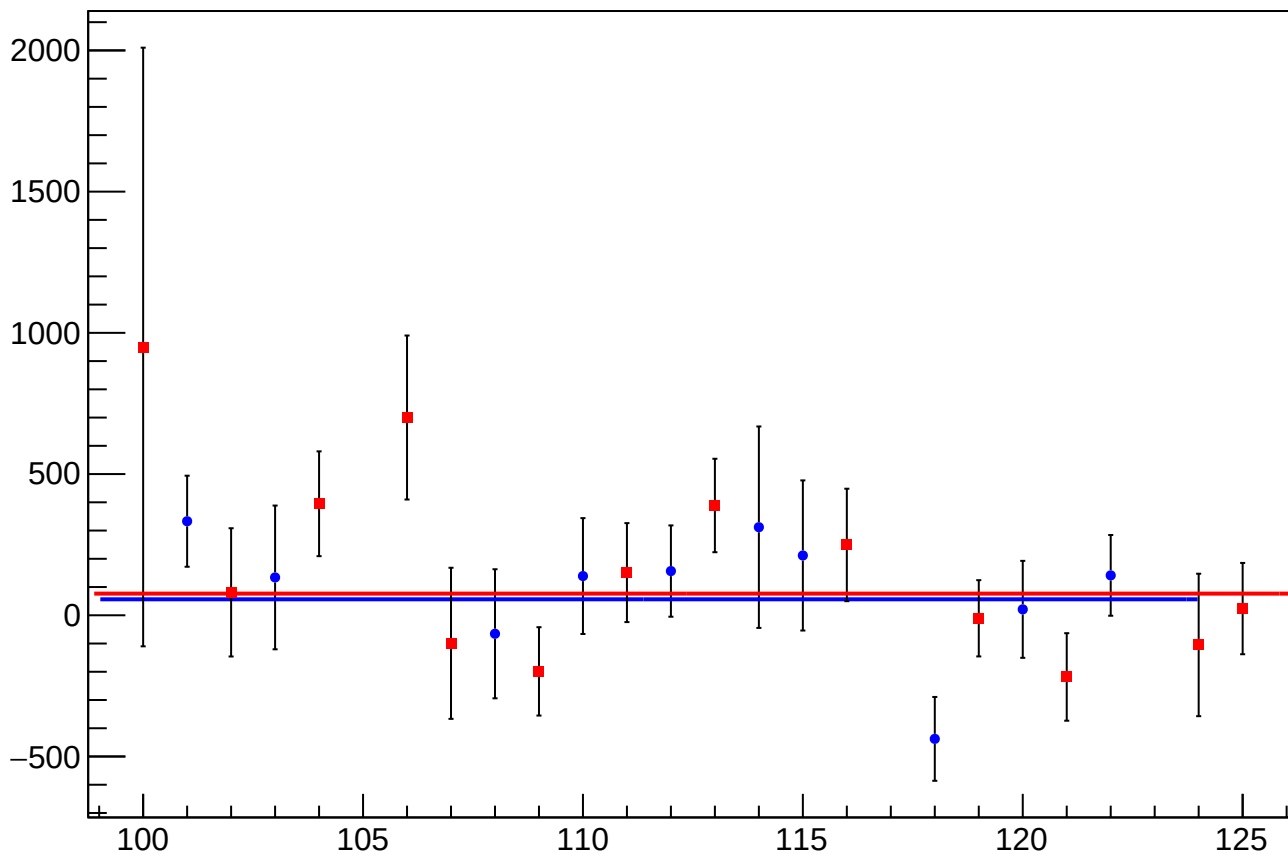
Right: 1404.829+/-0.332 χ^2/NDF : 290212.8/22

In: 1419.753+/-0.501 χ^2/NDF : 133305.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1404.829+/-0.332 χ^2/NDF : 290212.8/22

eigen_dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 56.552+/-59.194 χ^2/NDF : 16.2/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 76.706+/-52.641 χ^2/NDF : 20.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

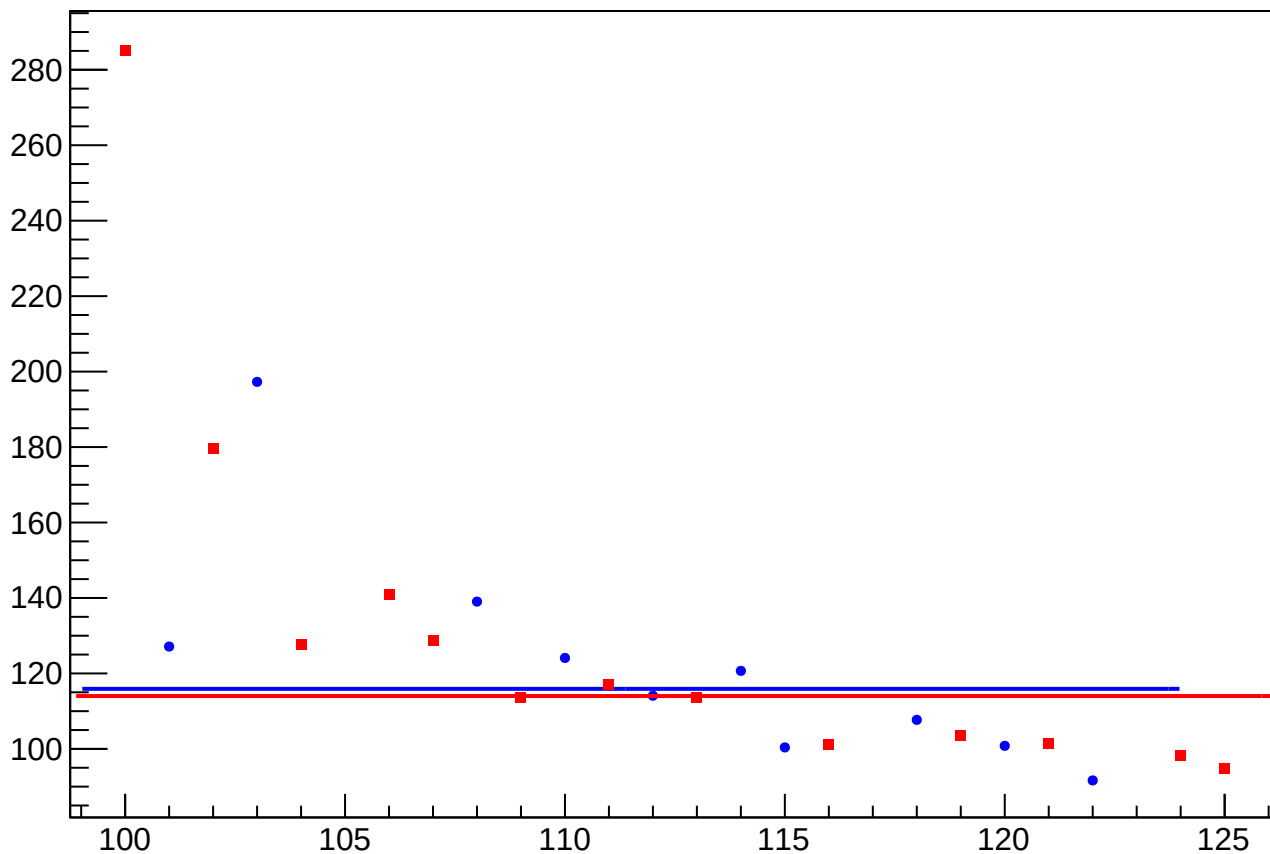
Right: 67.806+/-39.336 χ^2/NDF : 37.2/22

In: 56.552+/-59.194 χ^2/NDF :16.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 67.806+/-39.336 χ^2/NDF : 37.2/22

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: 114.011+/-0.037 χ^2/NDF : 323639.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

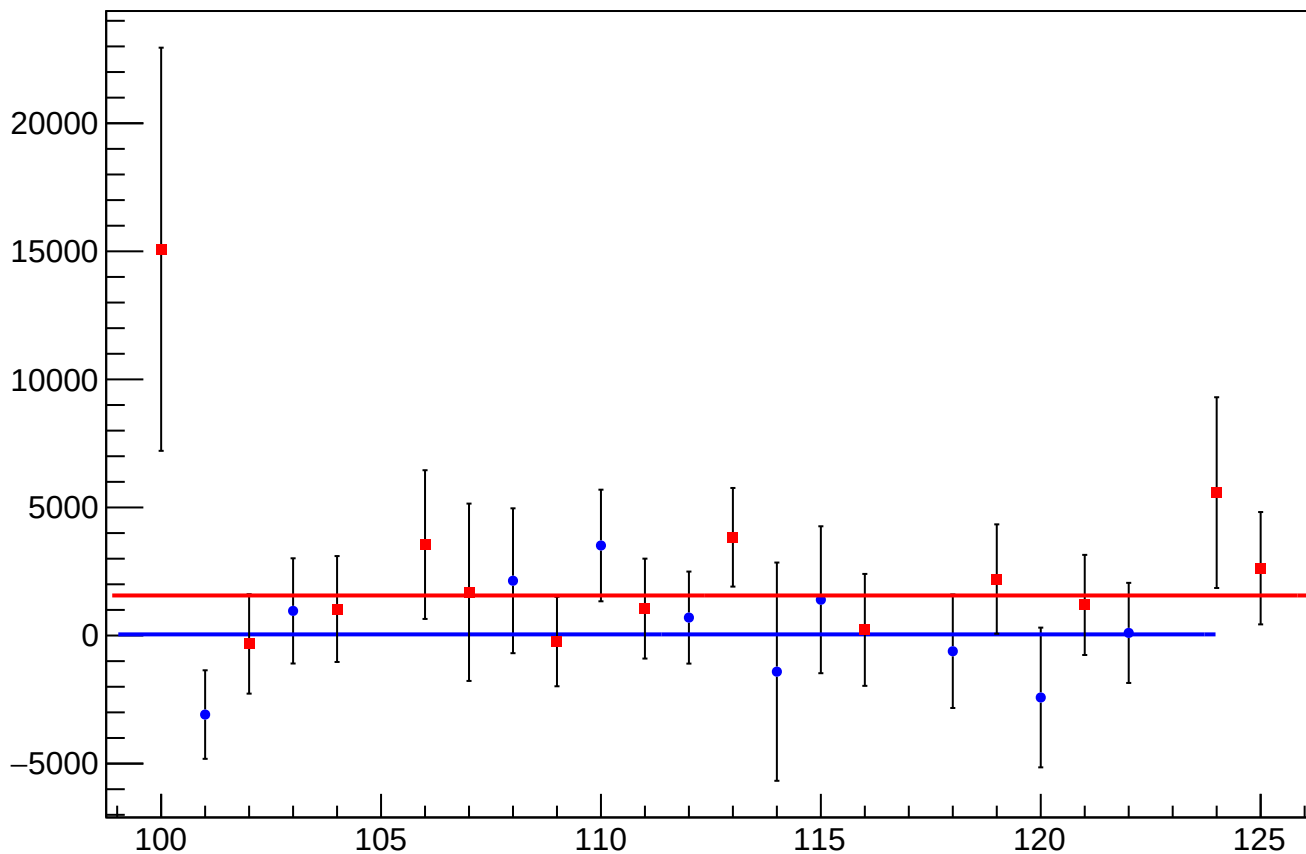
Right: 114.854+/-0.028 χ^2/NDF : 649261.9/22

In: 115.919+/-0.042 χ^2/NDF : 324463.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.854+/-0.028 χ^2/NDF : 649261.9/22

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: 1564.109+/-626.404 χ^2/NDF : 8.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

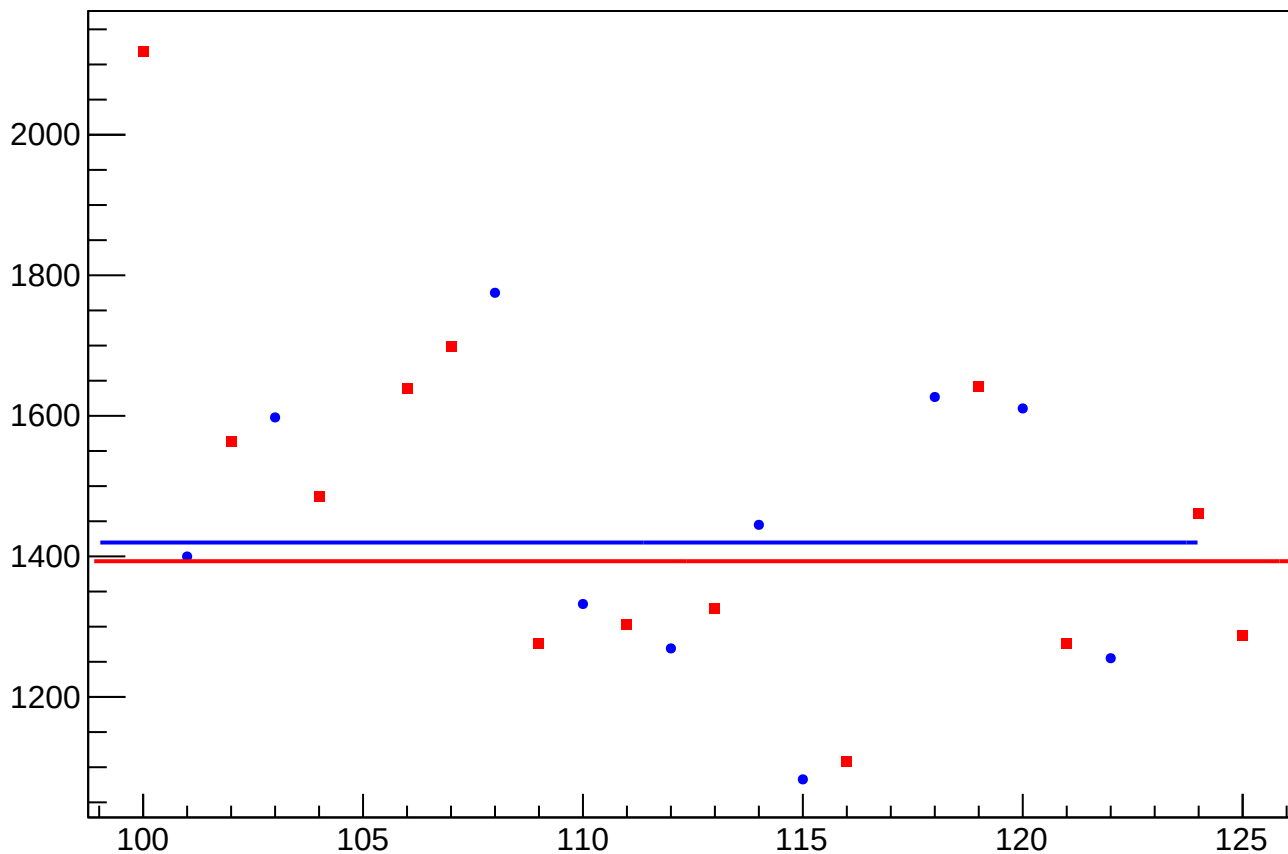
Right: 897.207+/-469.199 χ^2/NDF : 19.4/22

In: 44.776+/-708.195 χ^2/NDF : 7.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 897.207+/-469.199 χ^2/NDF : 19.4/22

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: 1393.149+/-0.443 χ^2/NDF : 155325.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

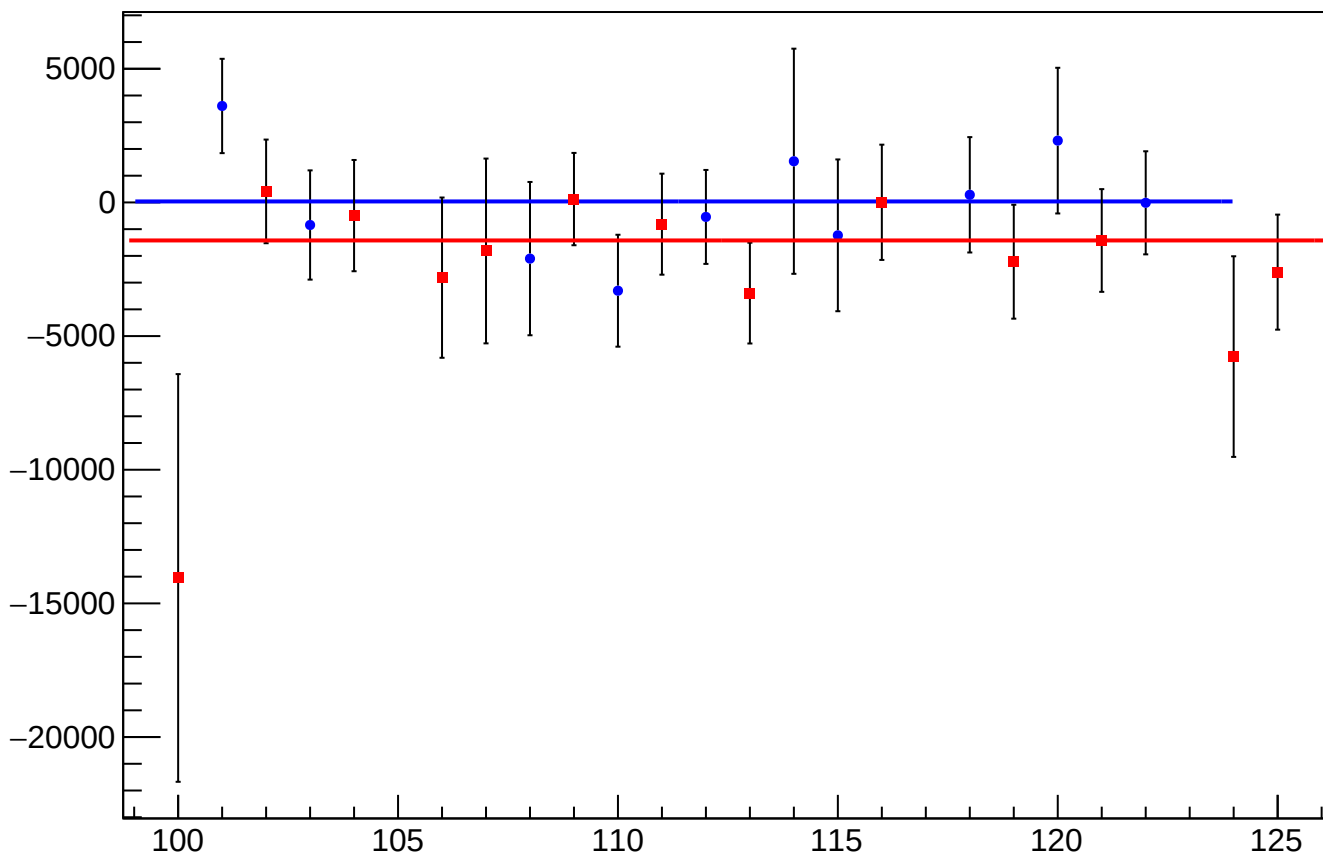
Right: 1404.825+/-0.332 χ^2/NDF : 290214.4/22

In: 1419.749+/-0.501 χ^2/NDF : 133306.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1404.825+/-0.332 χ^2/NDF : 290214.4/22

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: -1422.195+/-620.265 χ^2/NDF : 8.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

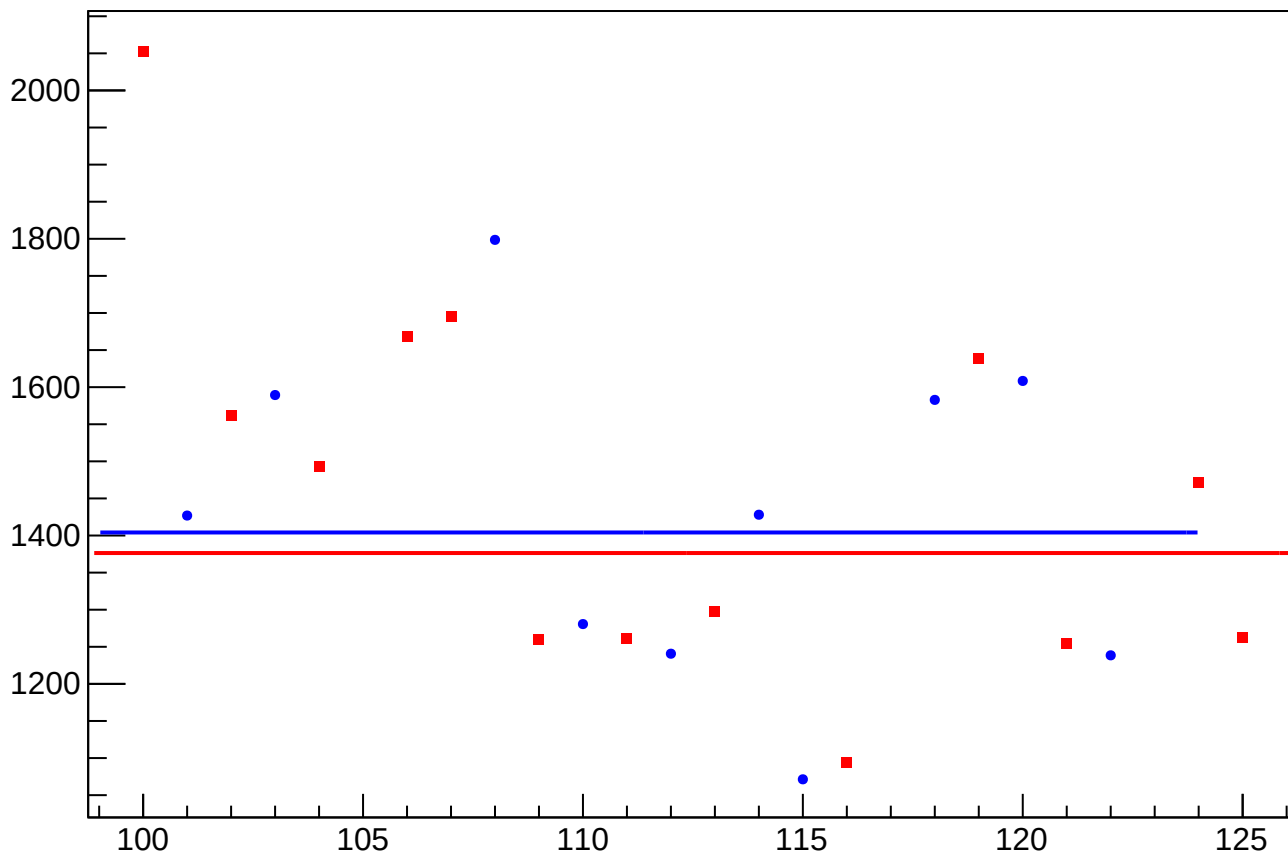
Right: -781.693+/-464.611 χ^2/NDF : 19.2/22

In: 37.071+/-701.288 χ^2/NDF : 8.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -781.693+/-464.611 χ^2/NDF : 19.2/22

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: 1376.394+/-0.439 χ^2/NDF : 175801.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

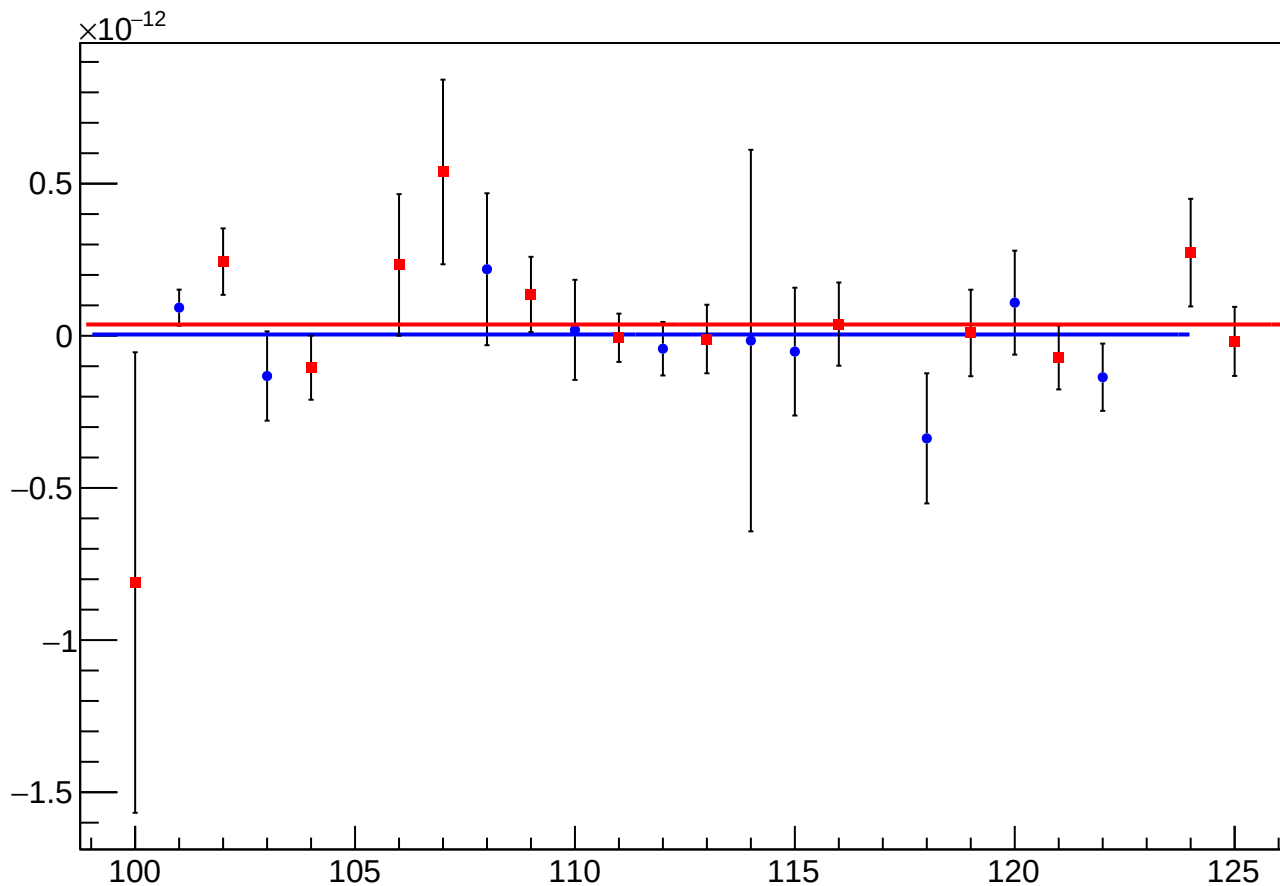
Right: 1388.560+/-0.329 χ^2/NDF : 323692.7/22

In: 1404.110+/-0.496 χ^2/NDF : 146138.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1388.560+/-0.329 χ^2/NDF : 323692.7/22

asym_sam_2468_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

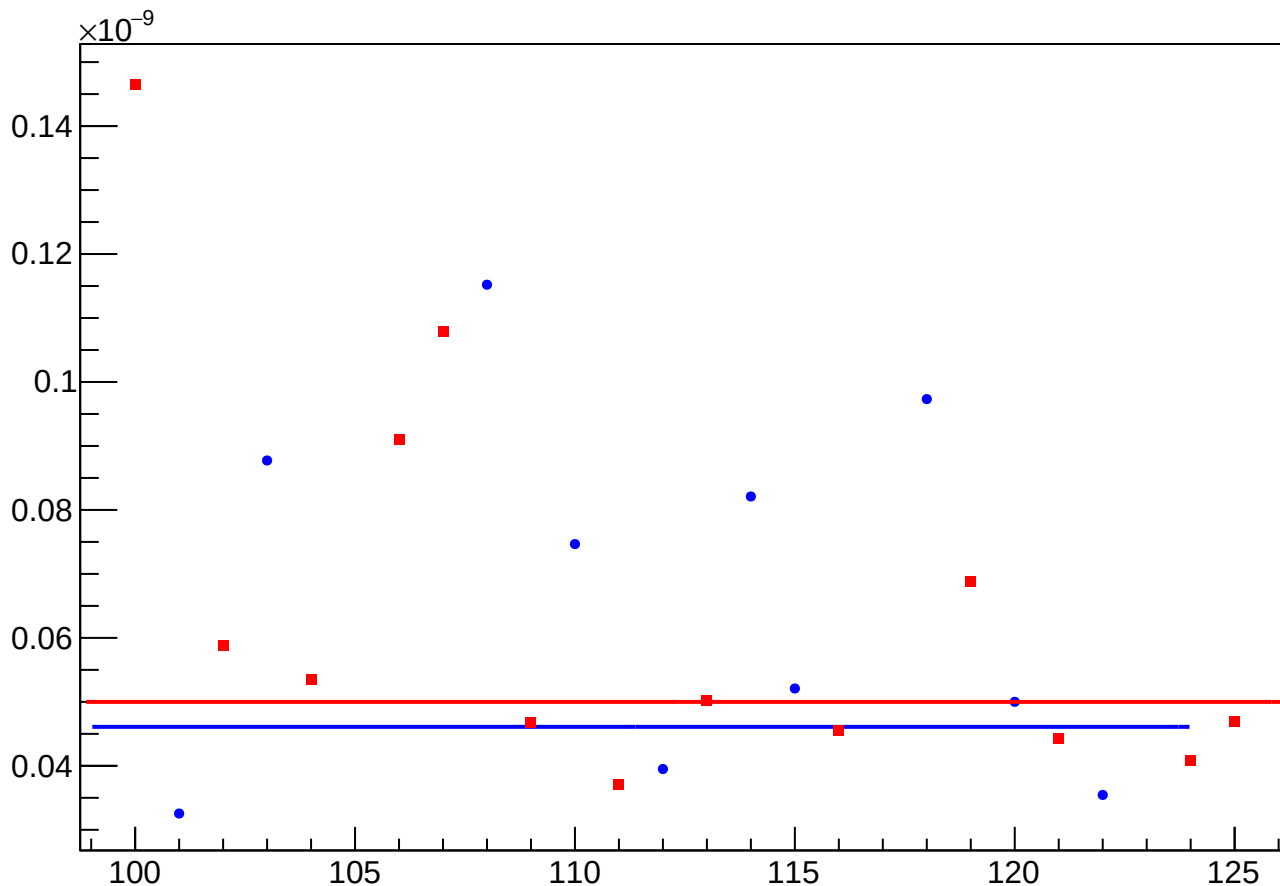
Right: 0.000+/-0.000 χ^2/NDF : 23.5/22

In: 0.000+/-0.000 χ^2/NDF : 8.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.5/22

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 : 286452.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

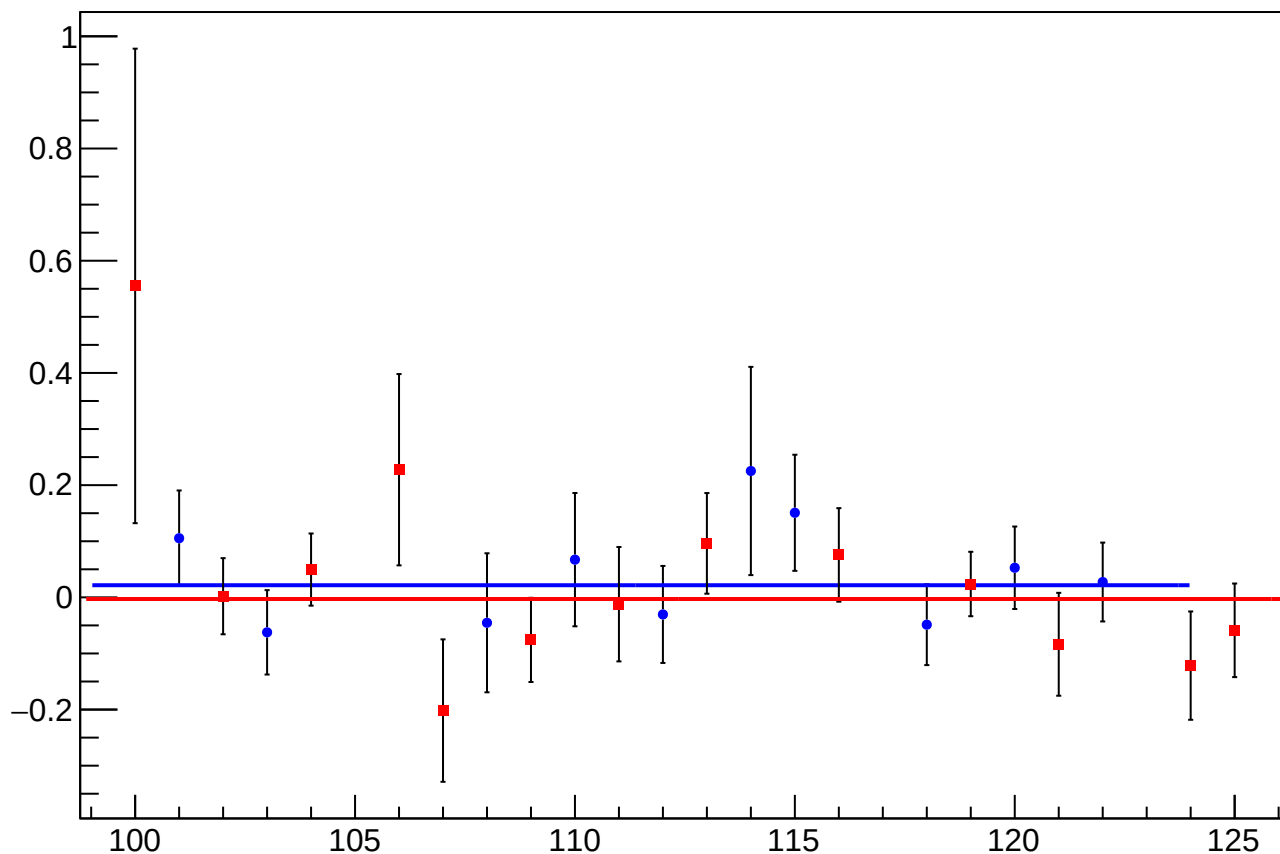
Right: 0.000+/-0.000 χ^2/NDF : 931018.7/22

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 : 931018.7/22

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: -0.003+/-0.024 χ^2/NDF : 12.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

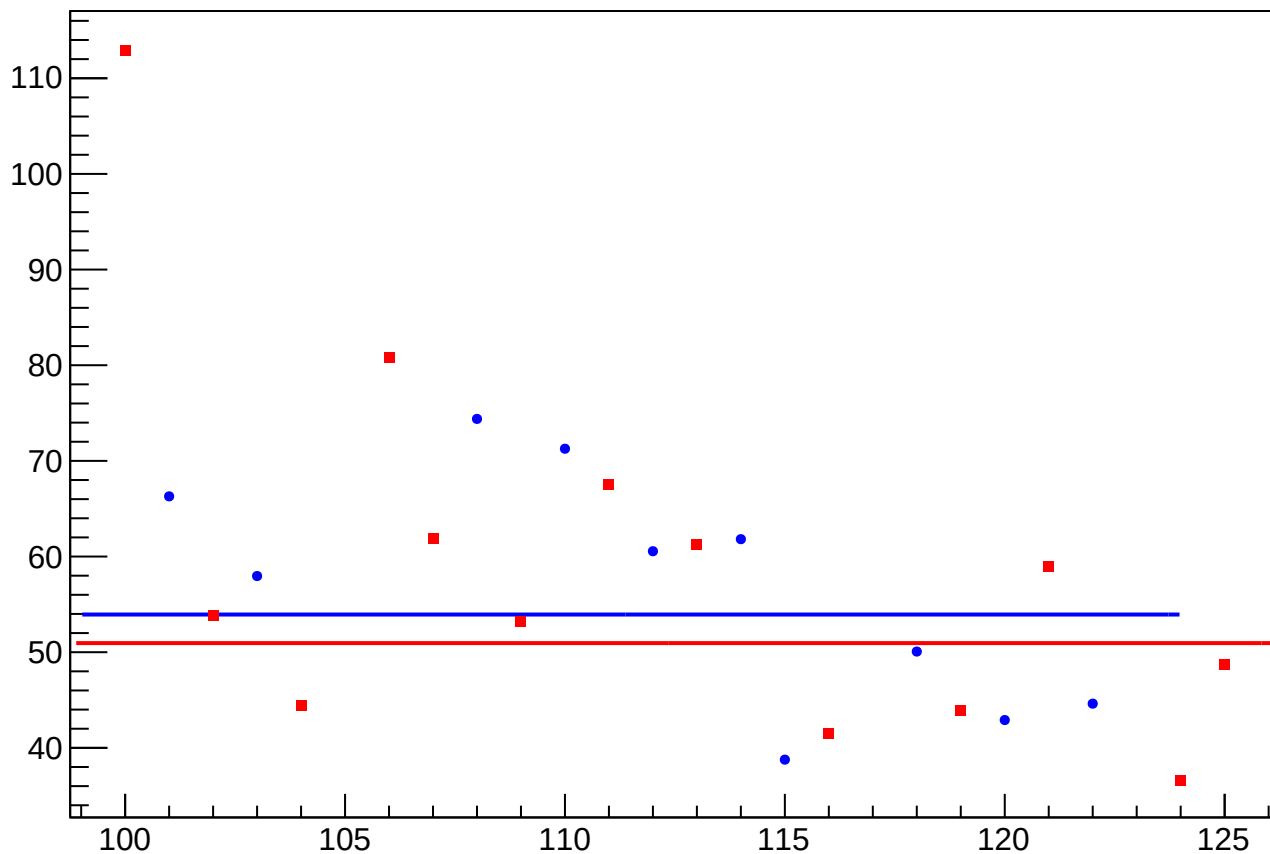
Right: 0.007+/-0.018 χ^2/NDF : 20.1/22

In: 0.022+/-0.028 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.018 χ^2/NDF : 20.1/22

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: 50.952+/-0.017 χ^2/NDF : 341264.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

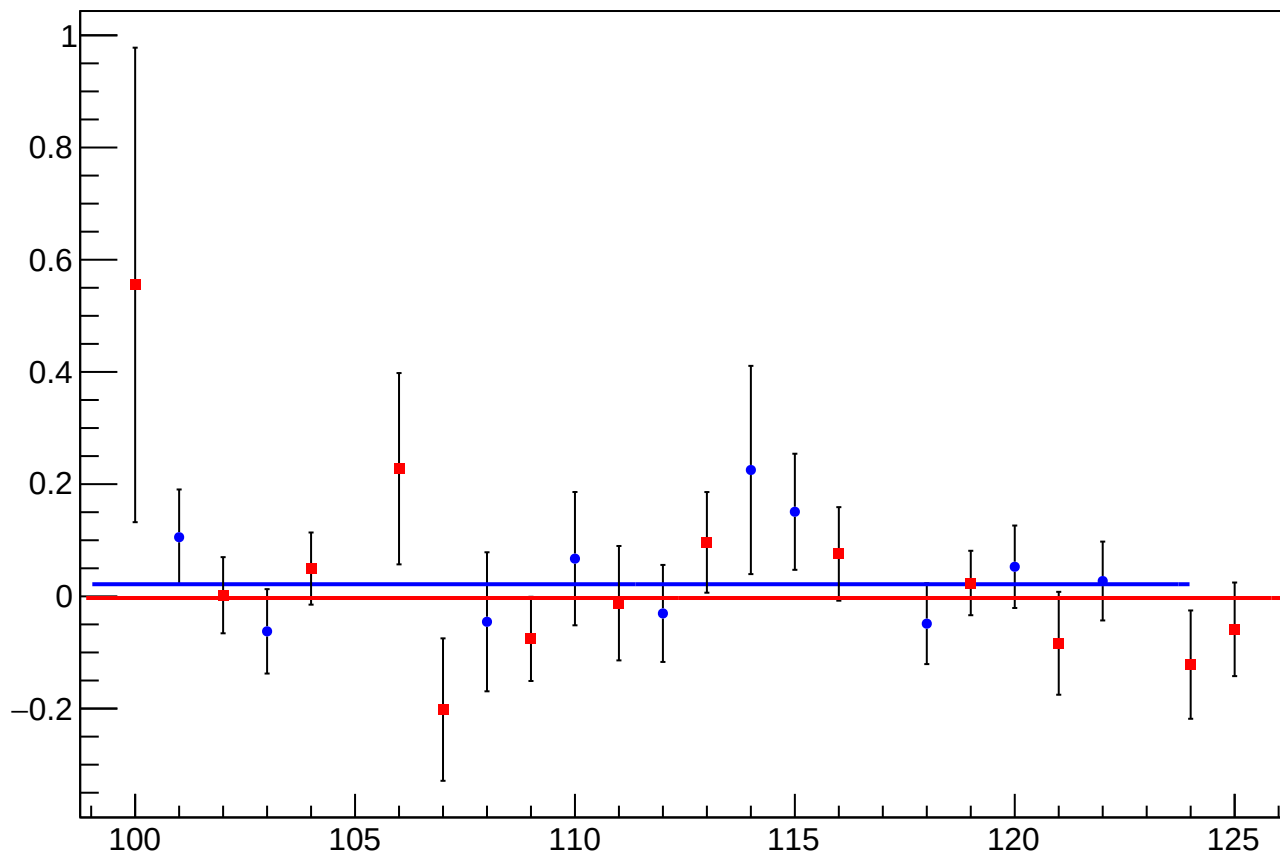
Right: 52.207+/-0.013 χ^2/NDF : 643859.1/22

In: 53.938+/-0.020 χ^2/NDF : 289279.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.207+/-0.013 χ^2/NDF : 643859.1/22

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: -0.003+/-0.024 χ^2/NDF : 12.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

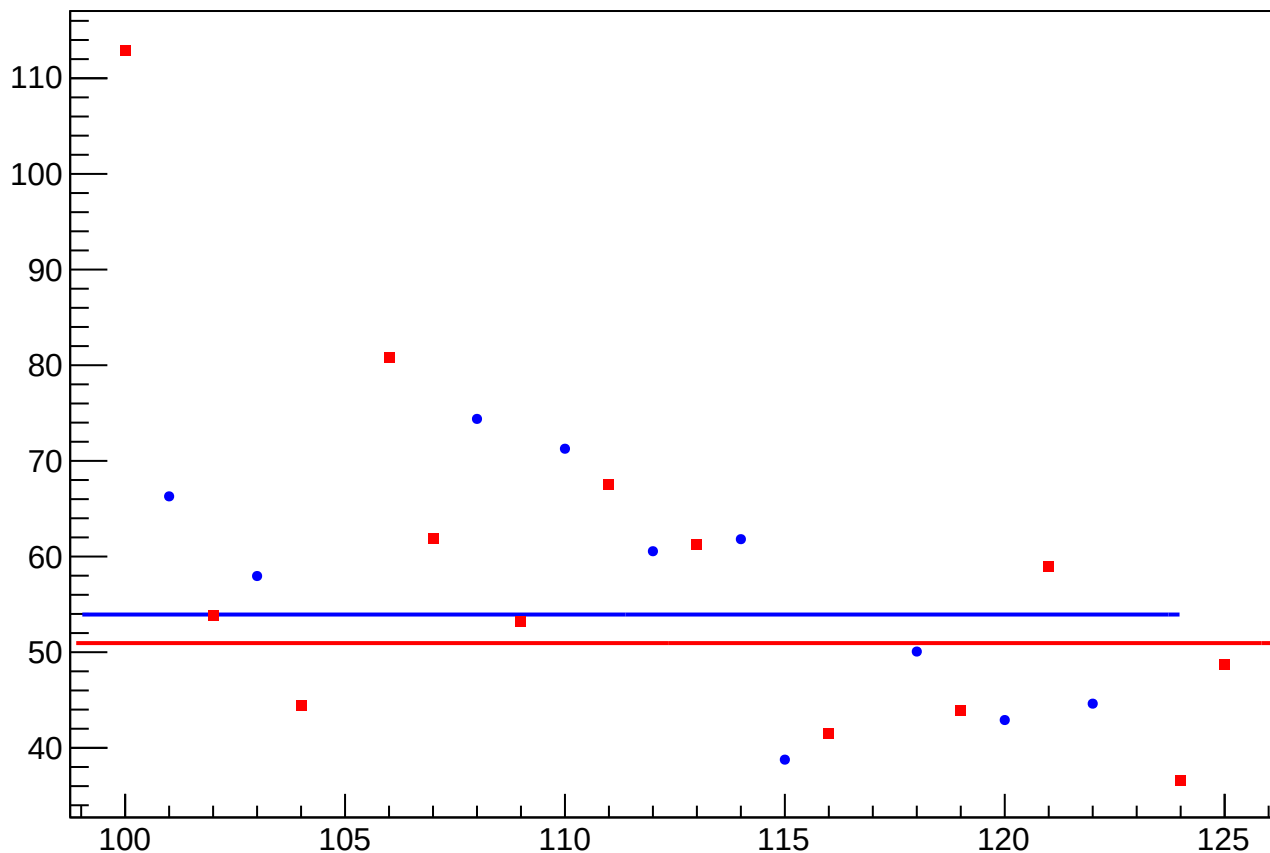
Right: 0.007+/-0.018 χ^2/NDF : 20.1/22

In: 0.022+/-0.028 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.018 χ^2/NDF : 20.1/22

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: 50.952+/-0.017 χ^2/NDF : 341264.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

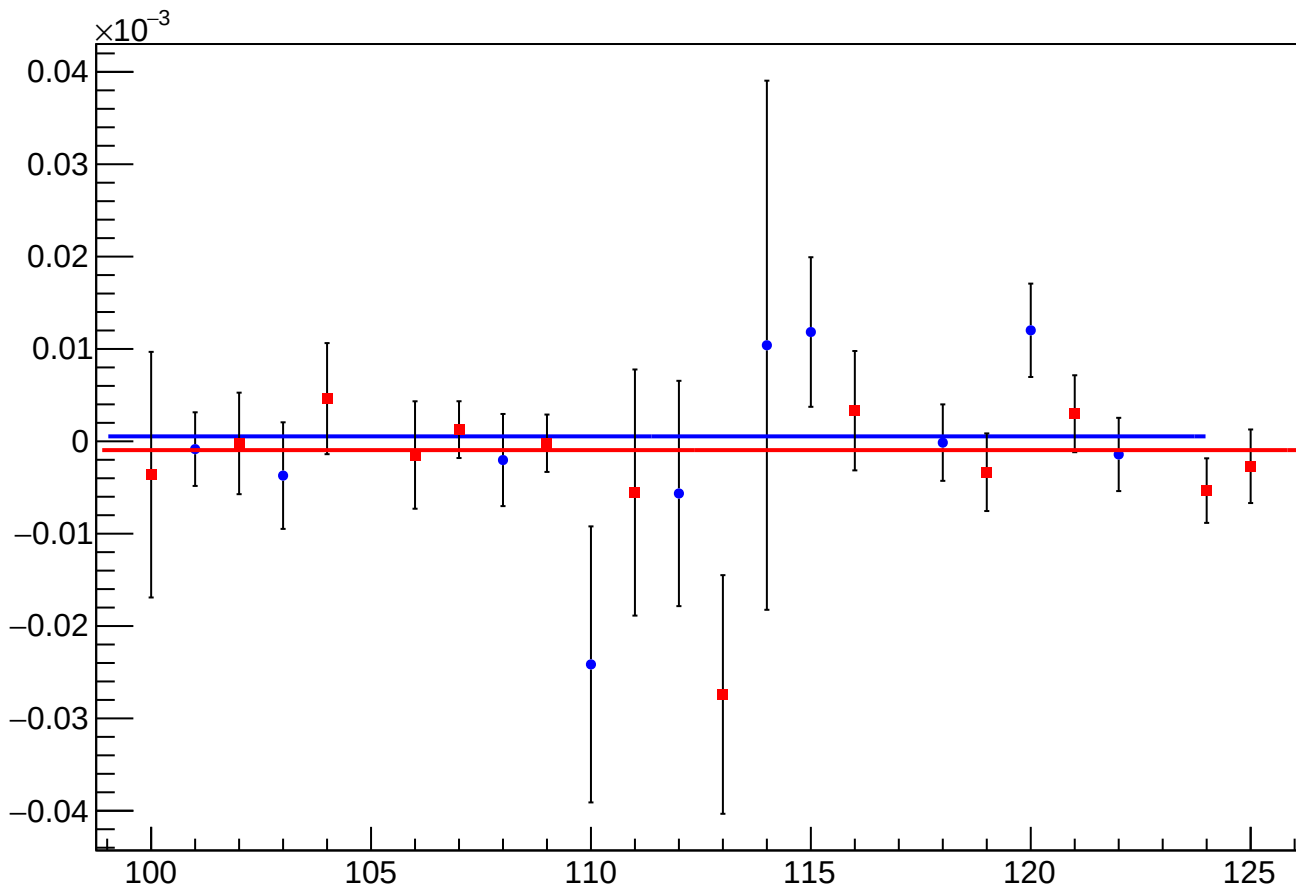
Right: 52.207+/-0.013 χ^2/NDF : 643859.1/22

In: 53.938+/-0.020 χ^2/NDF : 289279.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.207+/-0.013 χ^2/NDF : 643859.1/22

asym_sam_2468_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

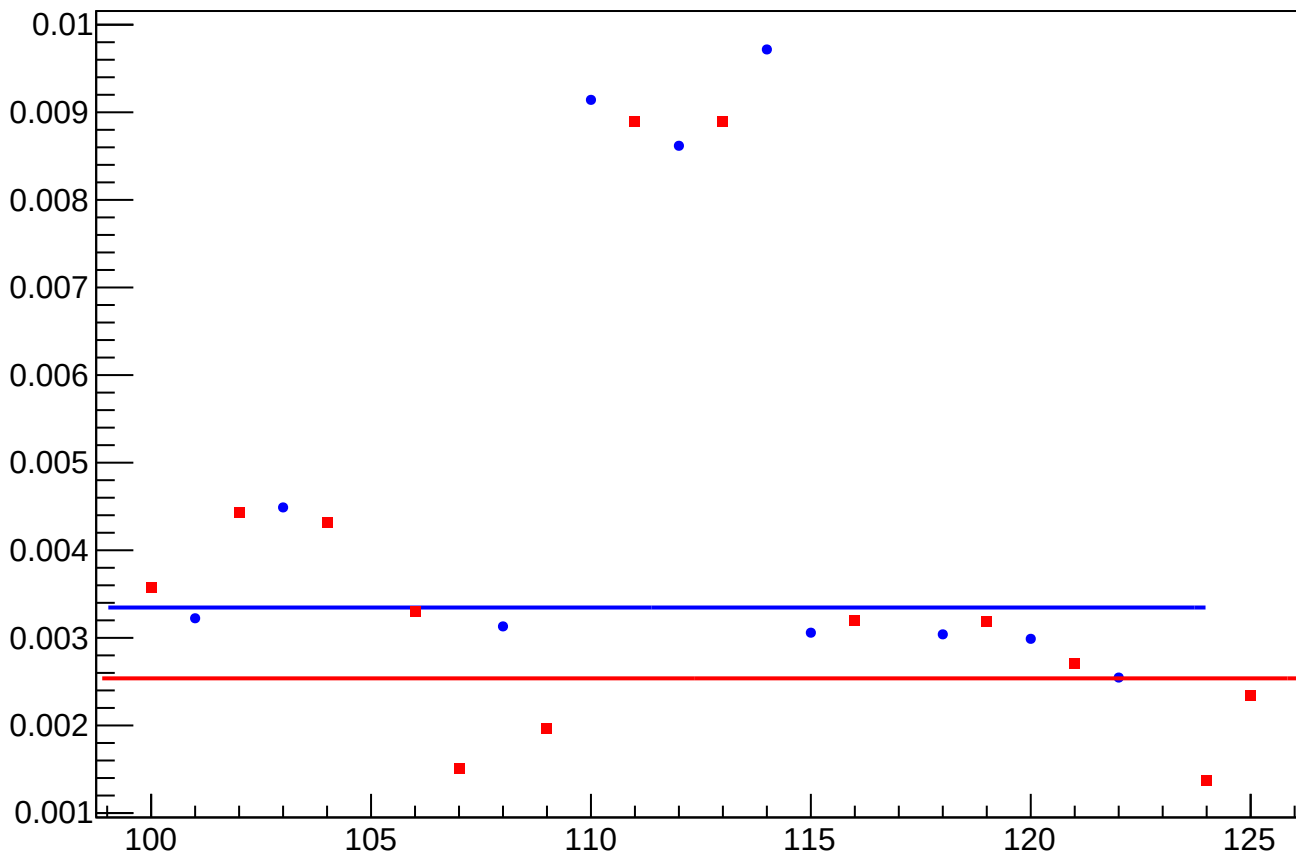
Right: -0.000+/-0.000 χ^2/NDF : 21.1/22

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 : 21.1/22

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 : 1993328.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

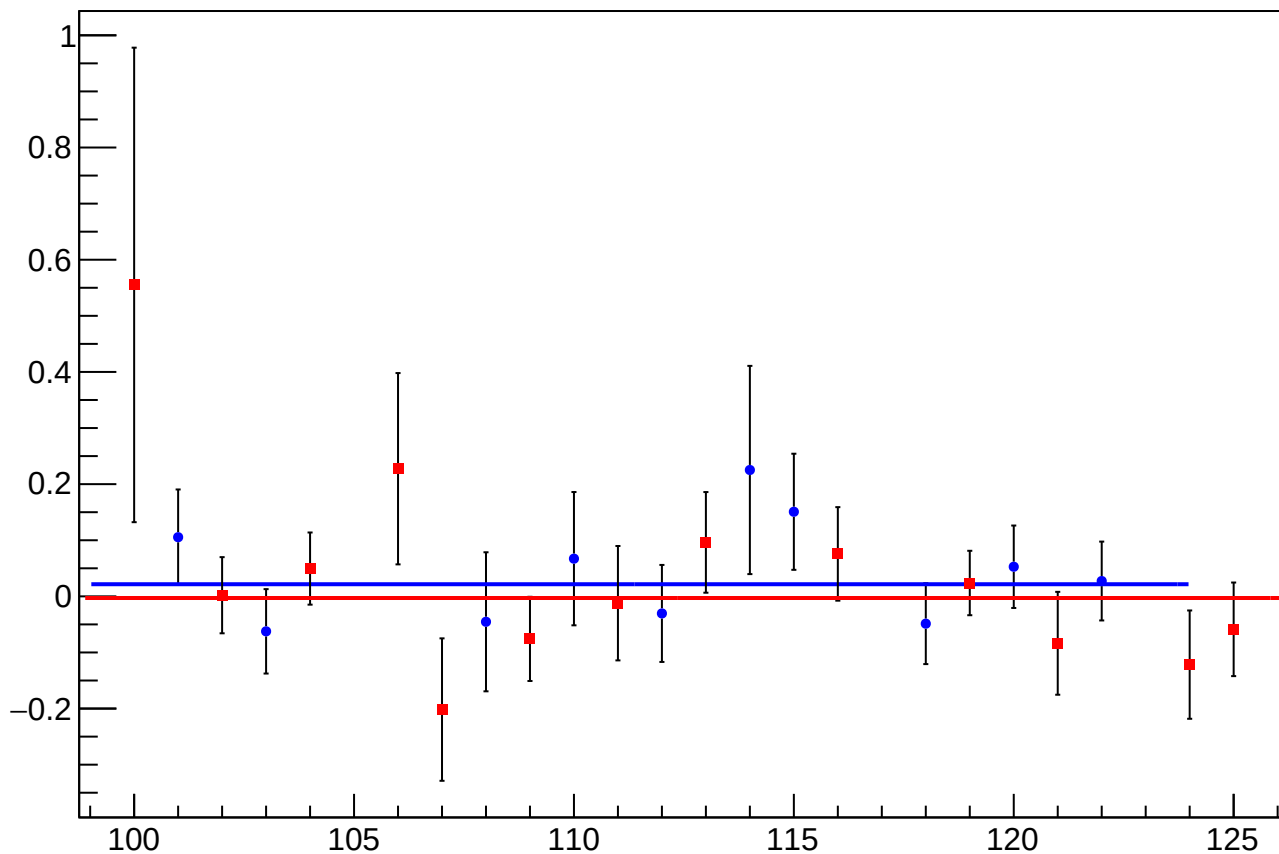
Right: 0.003+/-0.000 χ^2/NDF : 3229552.6/22

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 : 3229552.6/22

asym_sam_2468_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.028 χ^2/NDF : 6.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.003+/-0.024 χ^2/NDF : 12.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

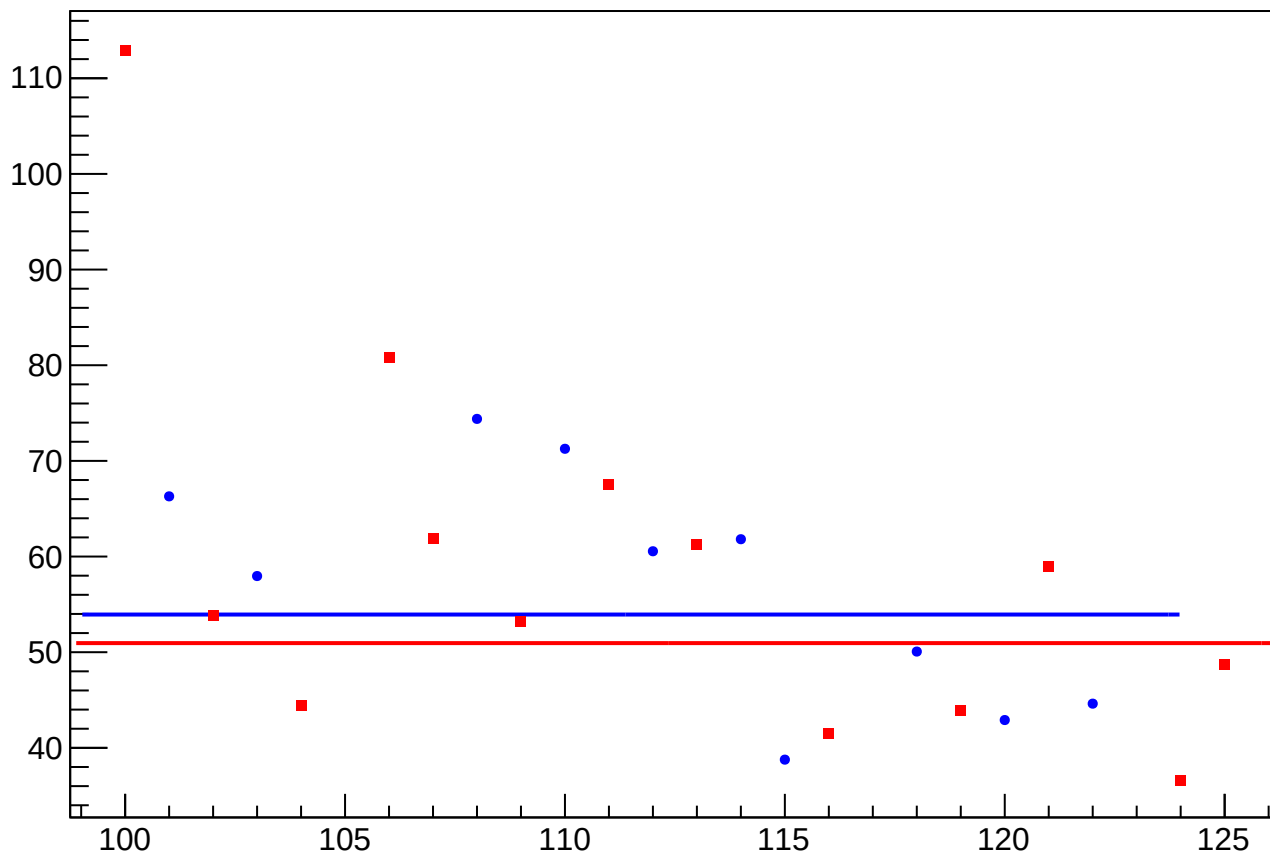
Right: 0.007+/-0.018 χ^2/NDF : 20.1/22

In: 0.022+/-0.028 χ^2/NDF : 6.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.018 χ^2/NDF : 20.1/22

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: 50.951+/-0.017 χ^2/NDF : 341203.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

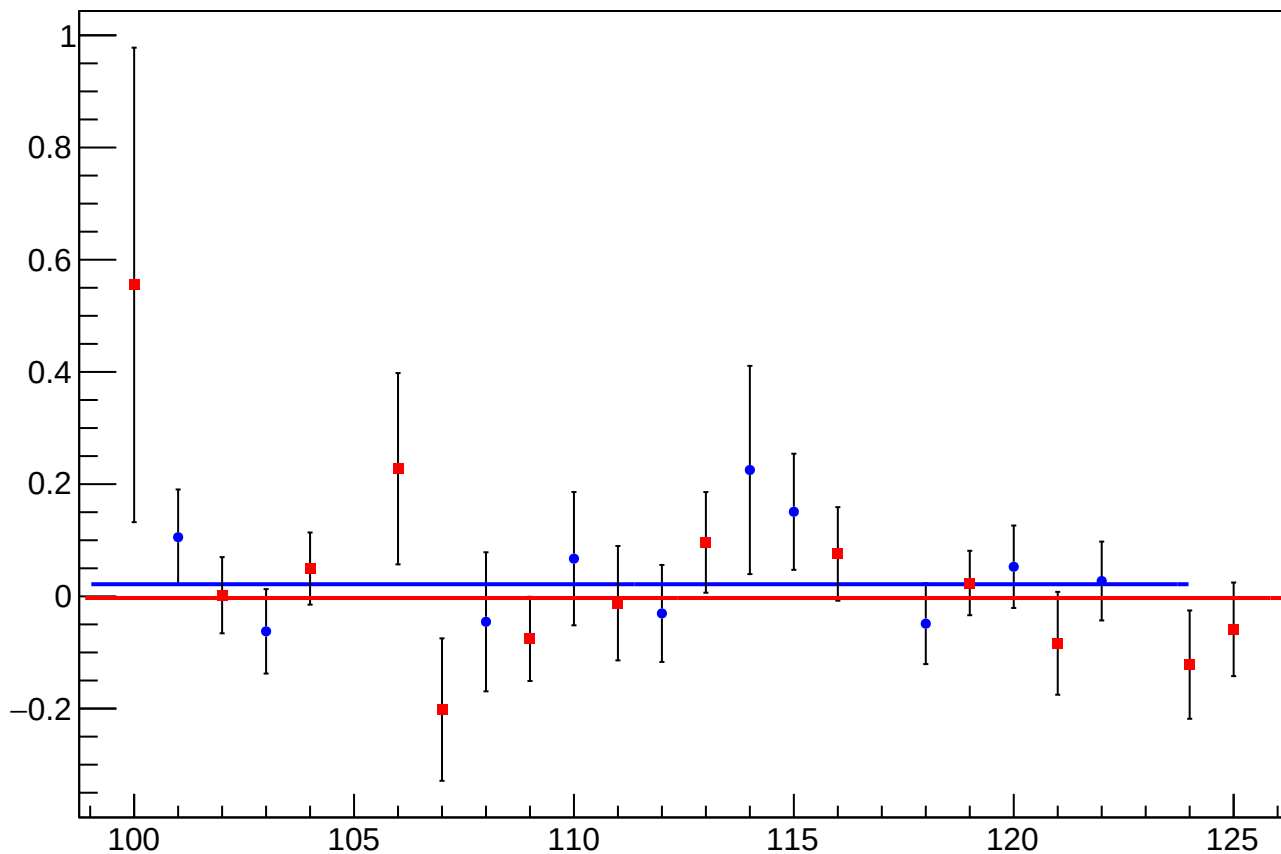
Right: 52.206+/-0.013 χ^2/NDF : 643764.0/22

In: 53.937+/-0.020 χ^2/NDF : 289246.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.206+/-0.013 χ^2/NDF : 643764.0/22

asym_sam_2468_avg_eigen_dit_vs_eigen_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: -0.003 $\pm$ 0.024 χ^2 /NDF: 12.7/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

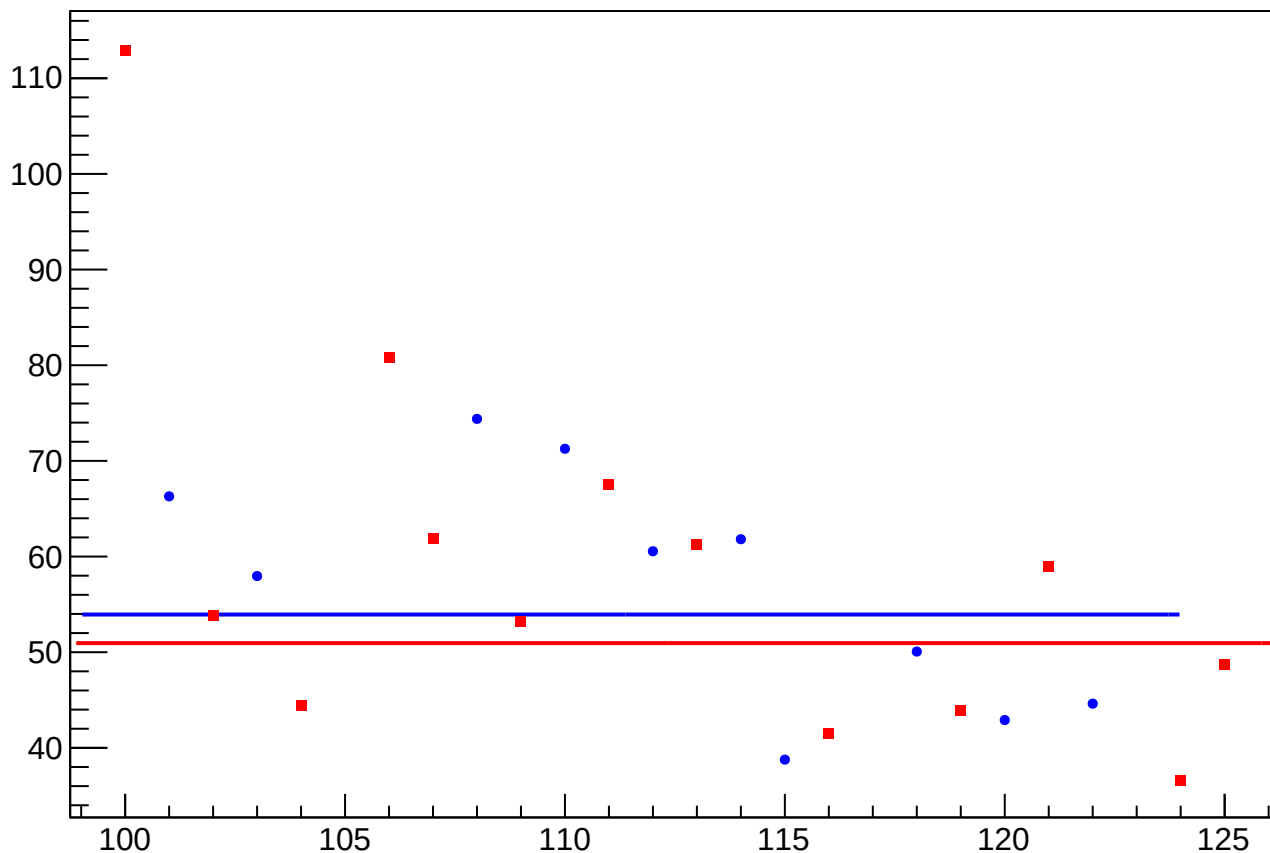
Right: 0.007 $\pm$ 0.018 χ^2 /NDF: 20.1/22

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: 0.007 $\pm$ 0.018 χ^2 /NDF: 20.1/22

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: 50.951+/-0.017 χ^2/NDF : 341203.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

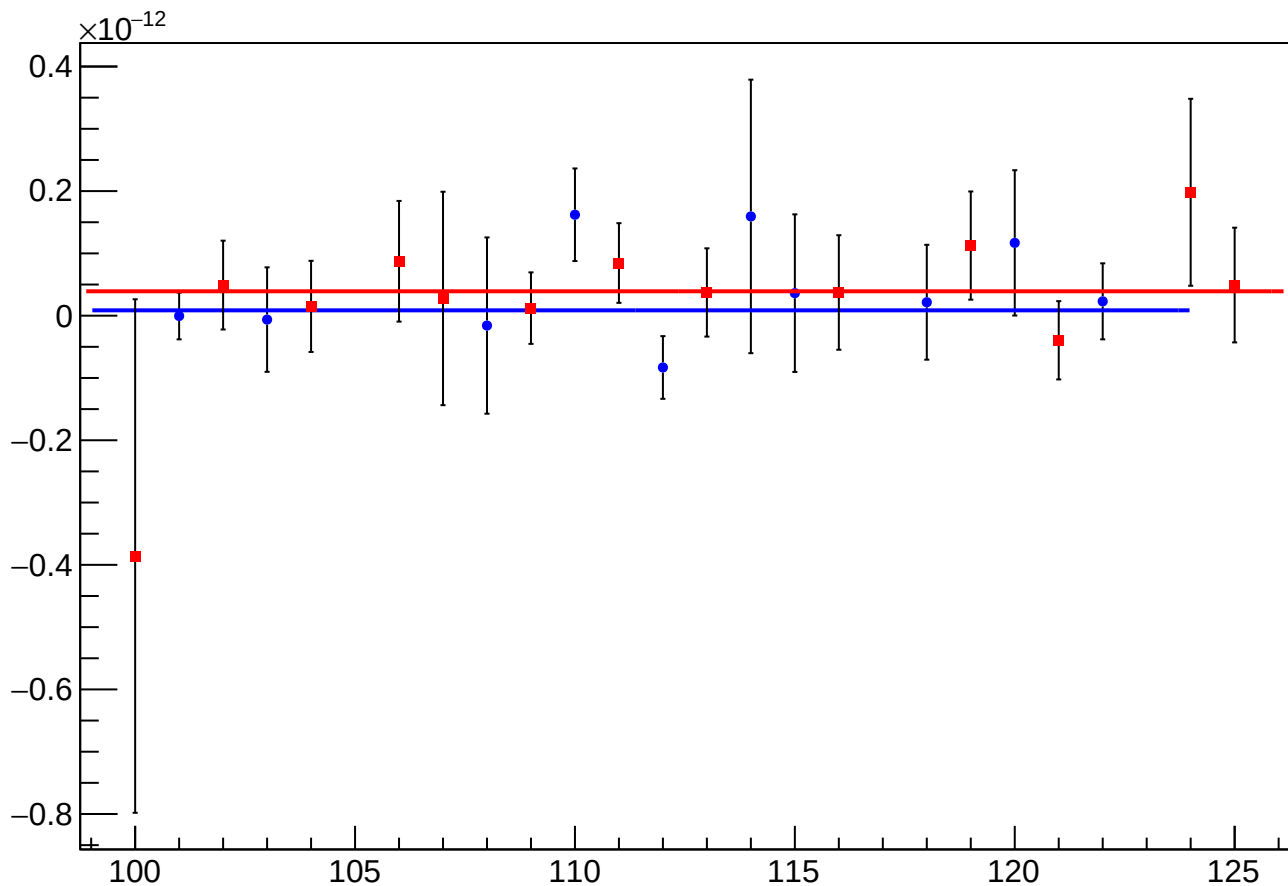
Right: 52.206+/-0.013 χ^2/NDF : 643764.0/22

In: 53.937+/-0.020 χ^2/NDF : 289246.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.206+/-0.013 χ^2/NDF : 643764.0/22

asym_sam_2468_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

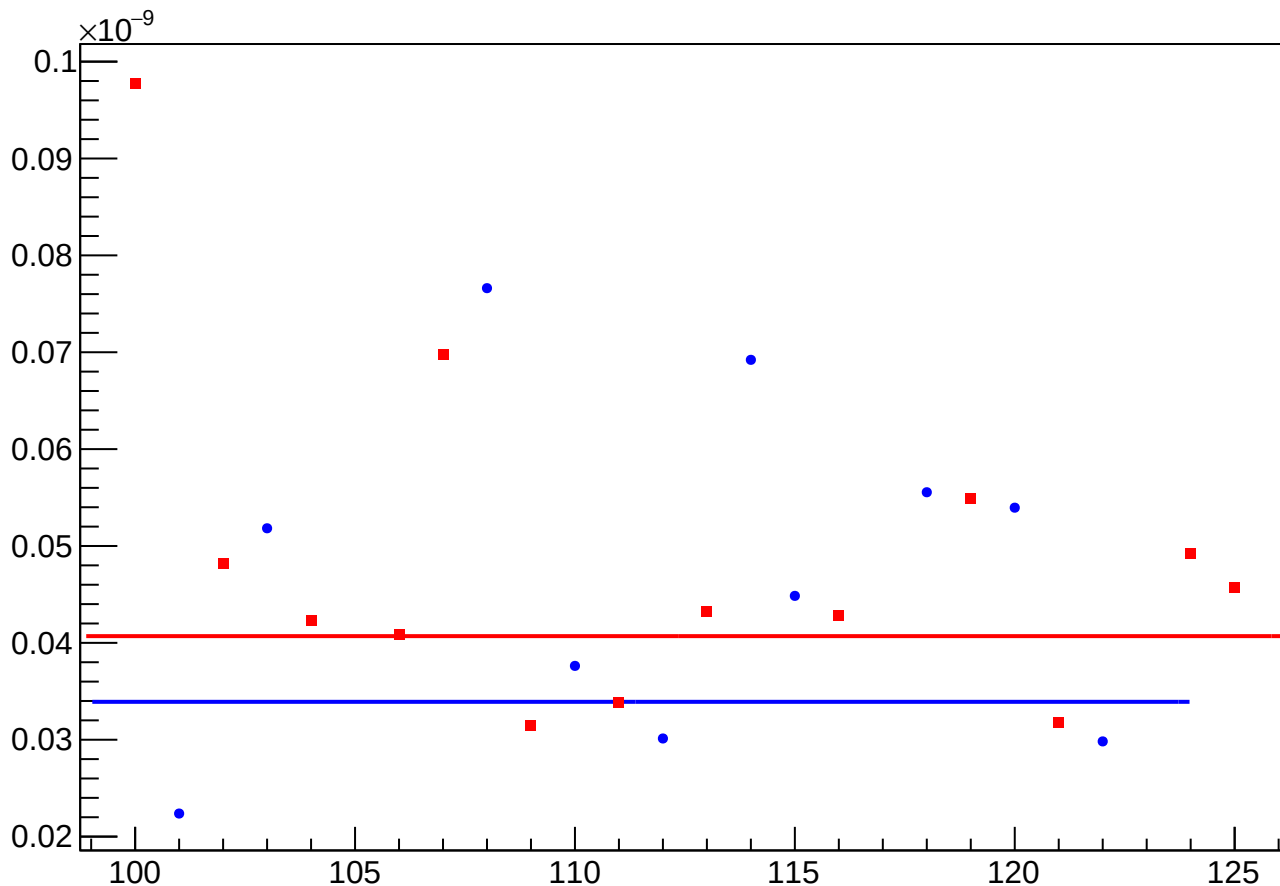
Right: 0.000+/-0.000 χ^2/NDF : 15.7/22

In: 0.000+/-0.000 χ^2/NDF : 9.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.7/22

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 : 302954.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

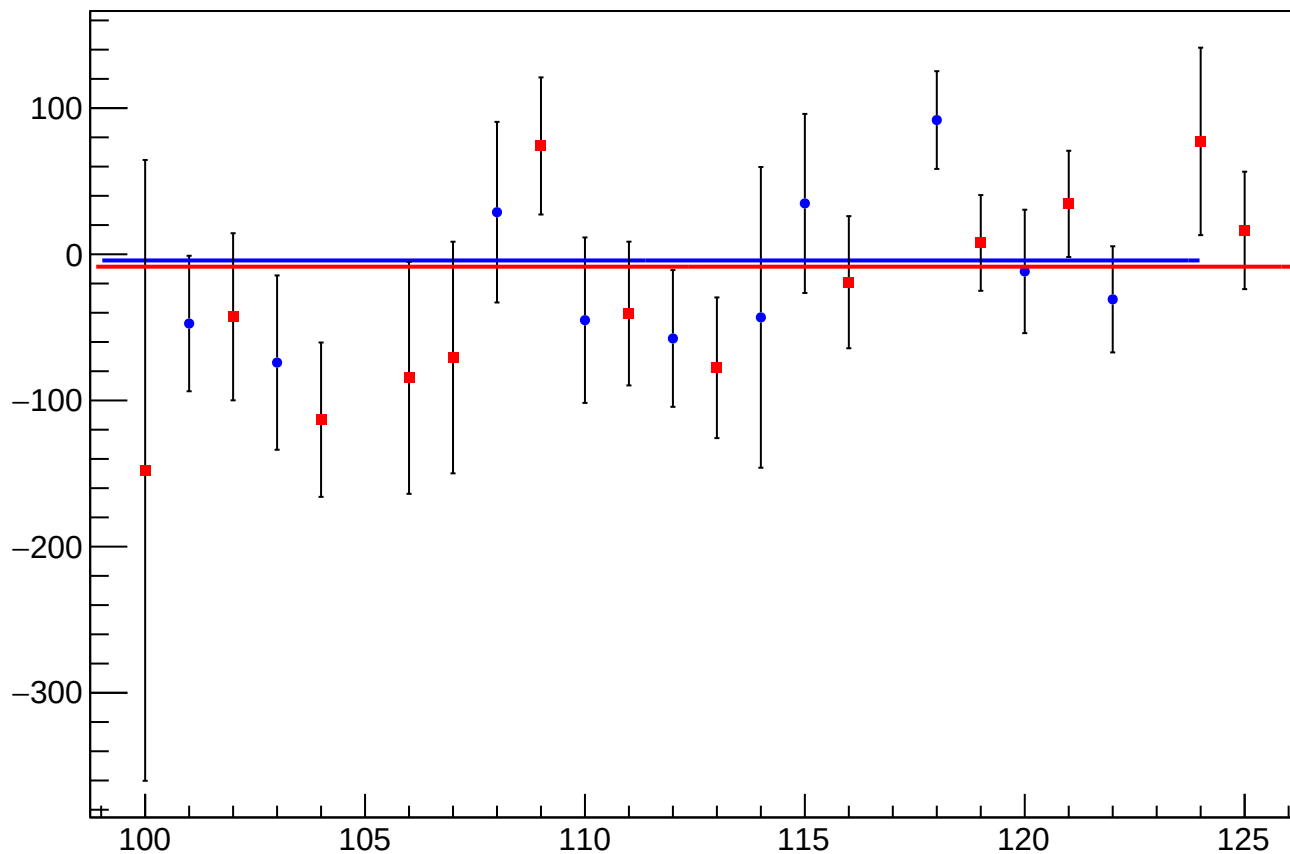
Right: 0.000+/-0.000 χ^2/NDF : 1117494.1/22

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 : 1117494.1/22

reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -4.217 ± 15.157 χ^2/NDF : 13.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.483 ± 13.676 χ^2/NDF : 15.7/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

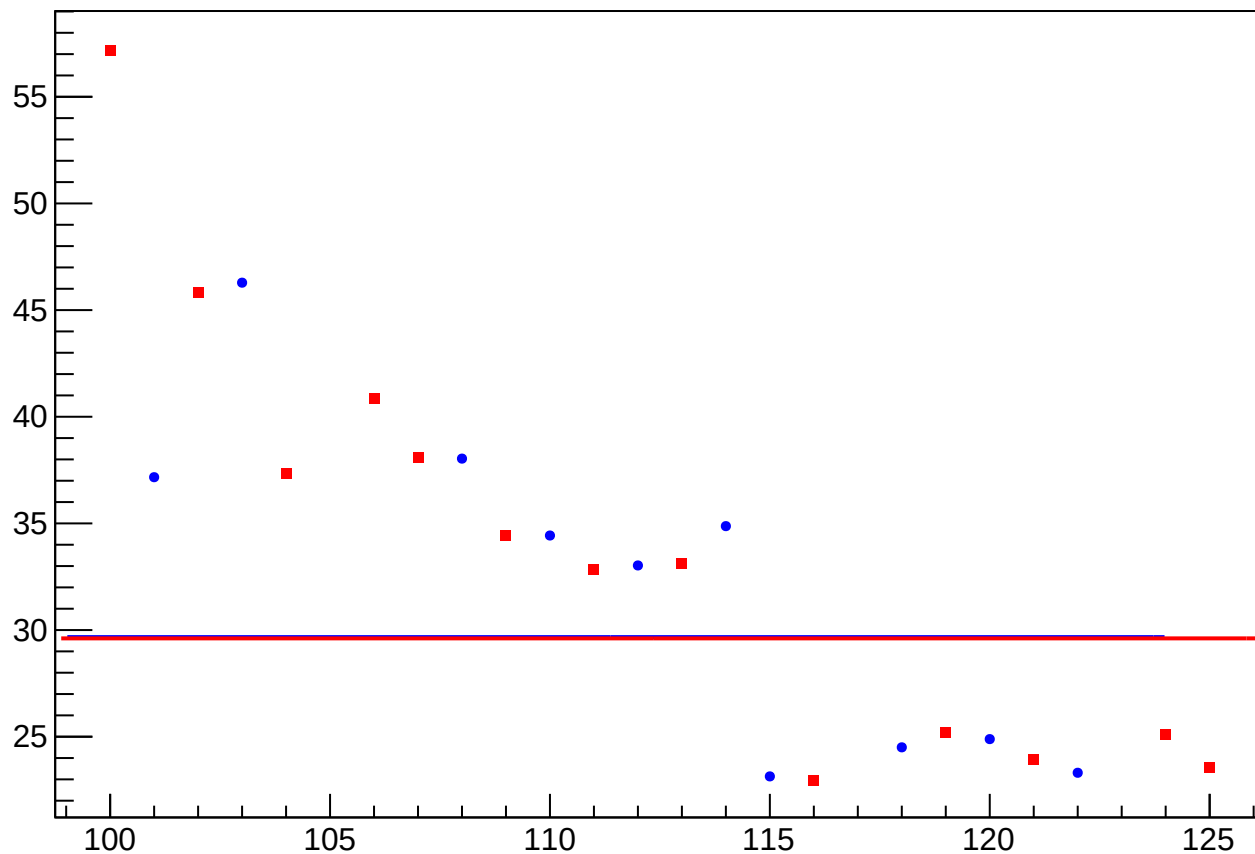
Right: -6.569 ± 10.154 χ^2/NDF : 29.5/22

In: -4.217 ± 15.157 χ^2/NDF : 13.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.569 ± 10.154 χ^2/NDF : 29.5/22

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: 29.610+/-0.010 χ^2/NDF : 524811.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

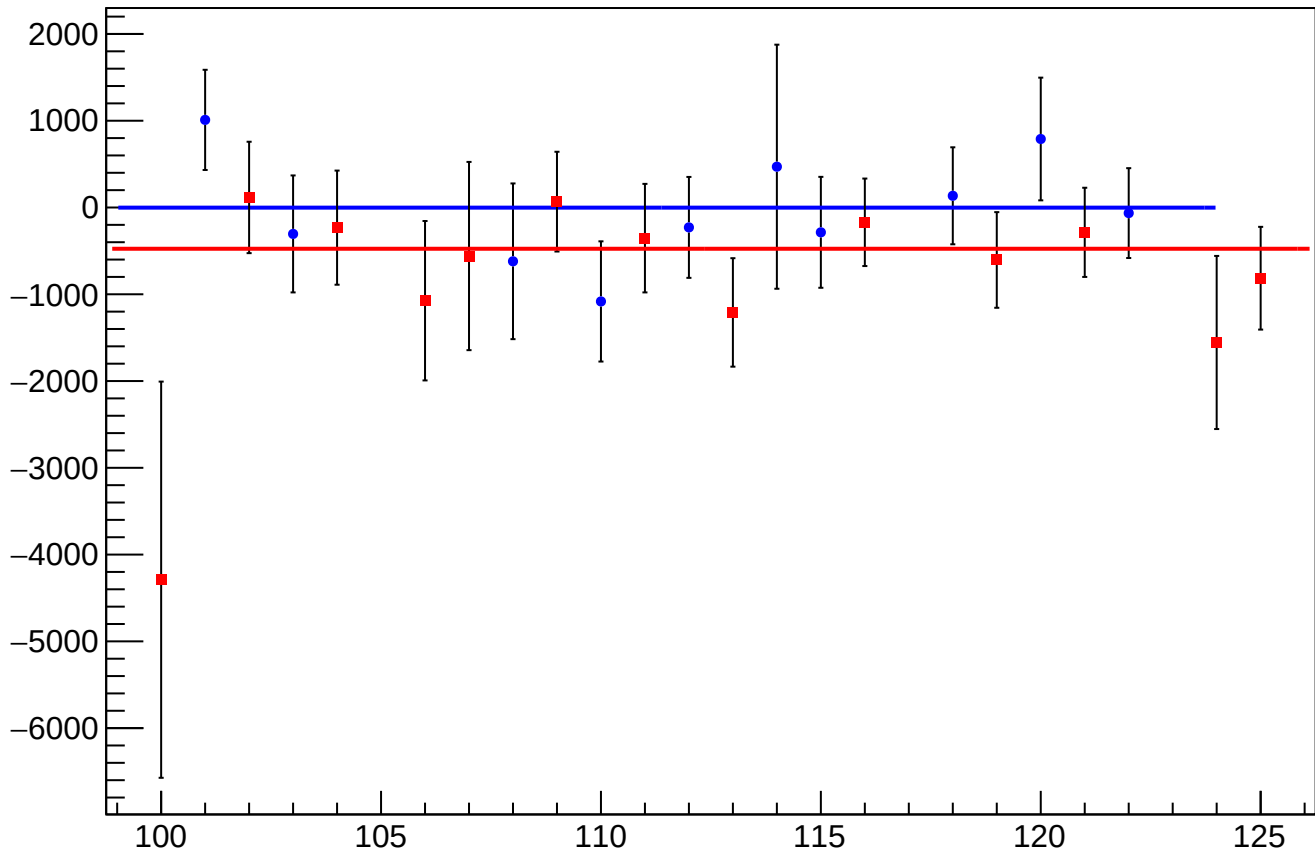
Right: 29.636+/-0.007 χ^2/NDF : 956223.1/22

In: 29.669+/-0.011 χ^2/NDF : 431394.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.636+/-0.007 χ^2/NDF : 956223.1/22

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: -475.453+/-182.637 χ^2/NDF : 8.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

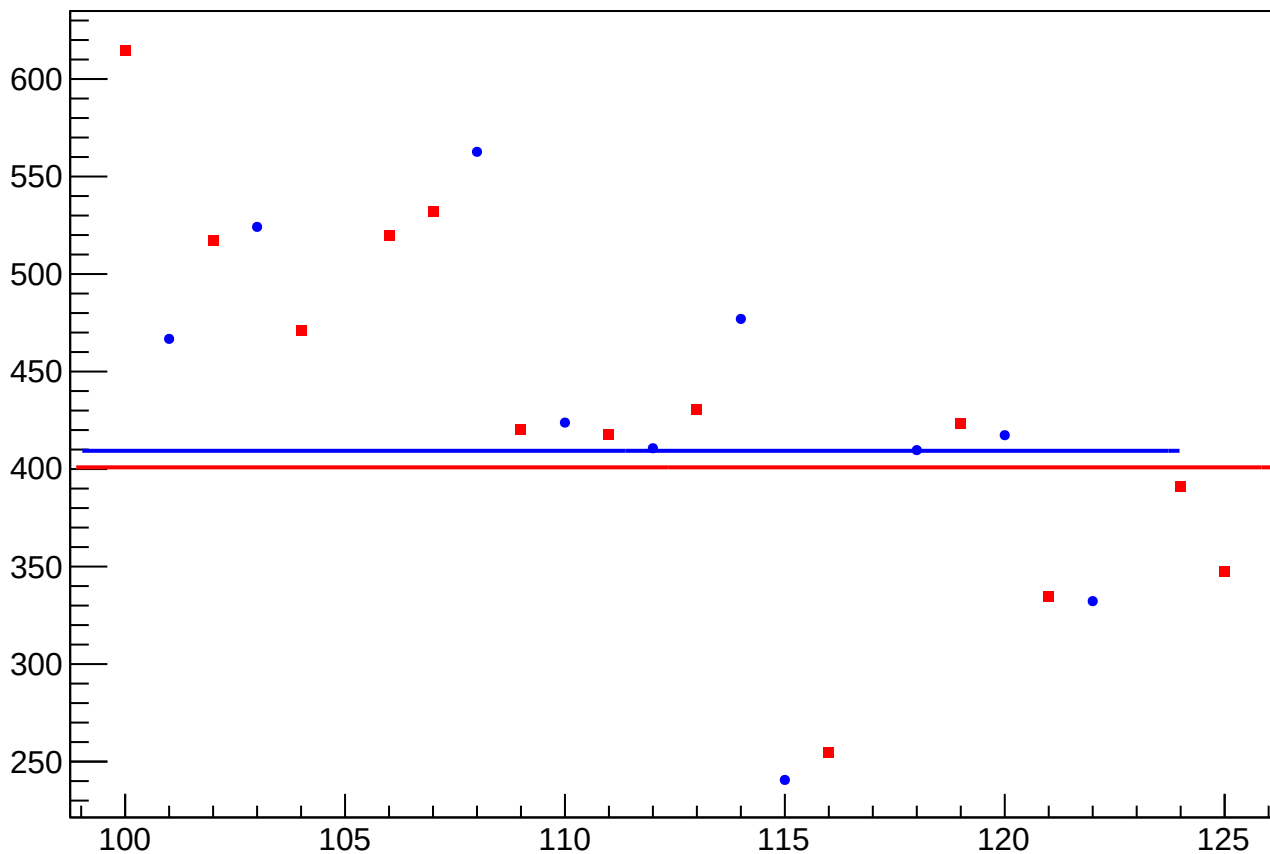
Right: -267.850+/-136.909 χ^2/NDF : 19.5/22

In: -1.541+/-206.855 χ^2/NDF : 8.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -267.850+/-136.909 χ^2/NDF : 19.5/22

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: 400.890+/-0.129 χ^2/NDF : 397472.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

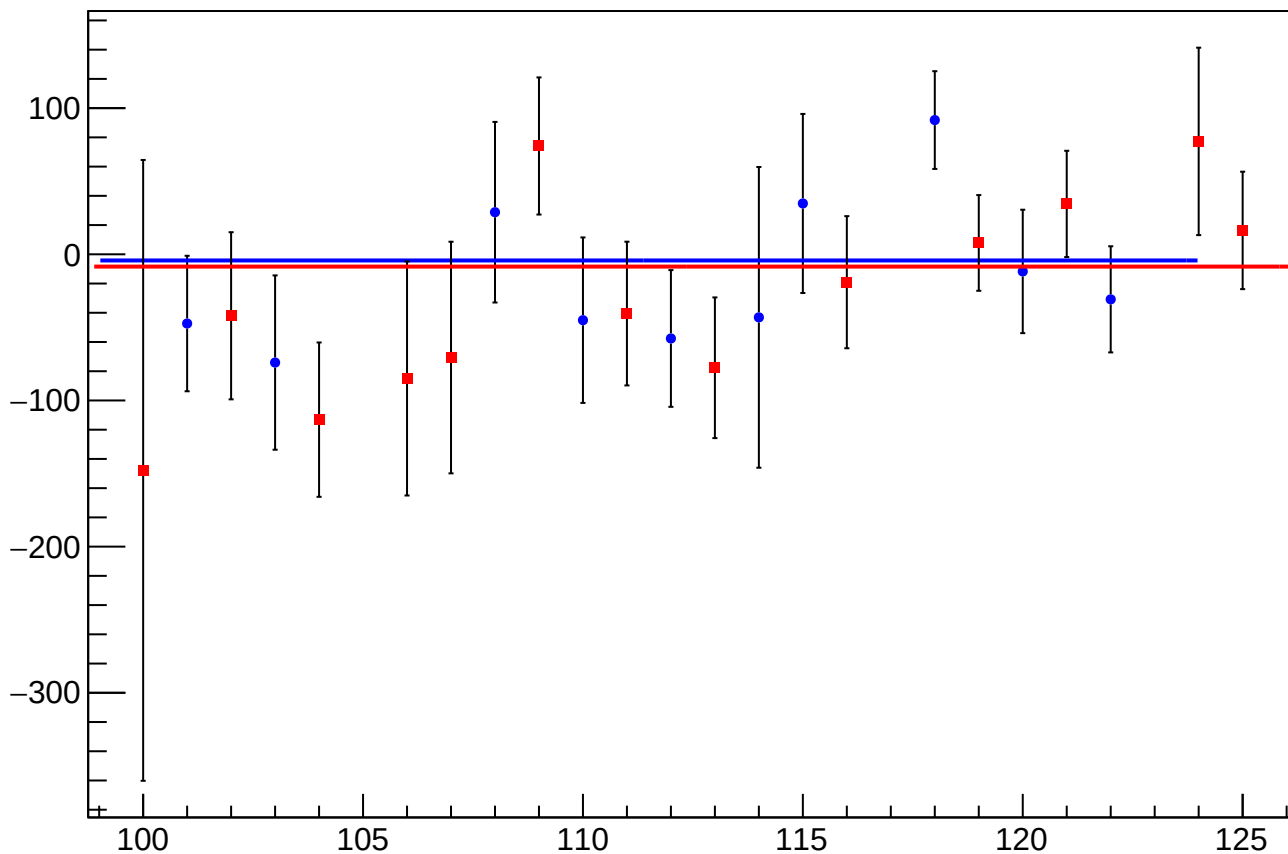
Right: 404.603+/-0.097 χ^2/NDF : 725088.1/22

In: 409.366+/-0.146 χ^2/NDF : 325728.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 404.603+/-0.097 χ^2/NDF : 725088.1/22

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: -8.408 $\pm$ 13.680 χ^2 /NDF: 15.7/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

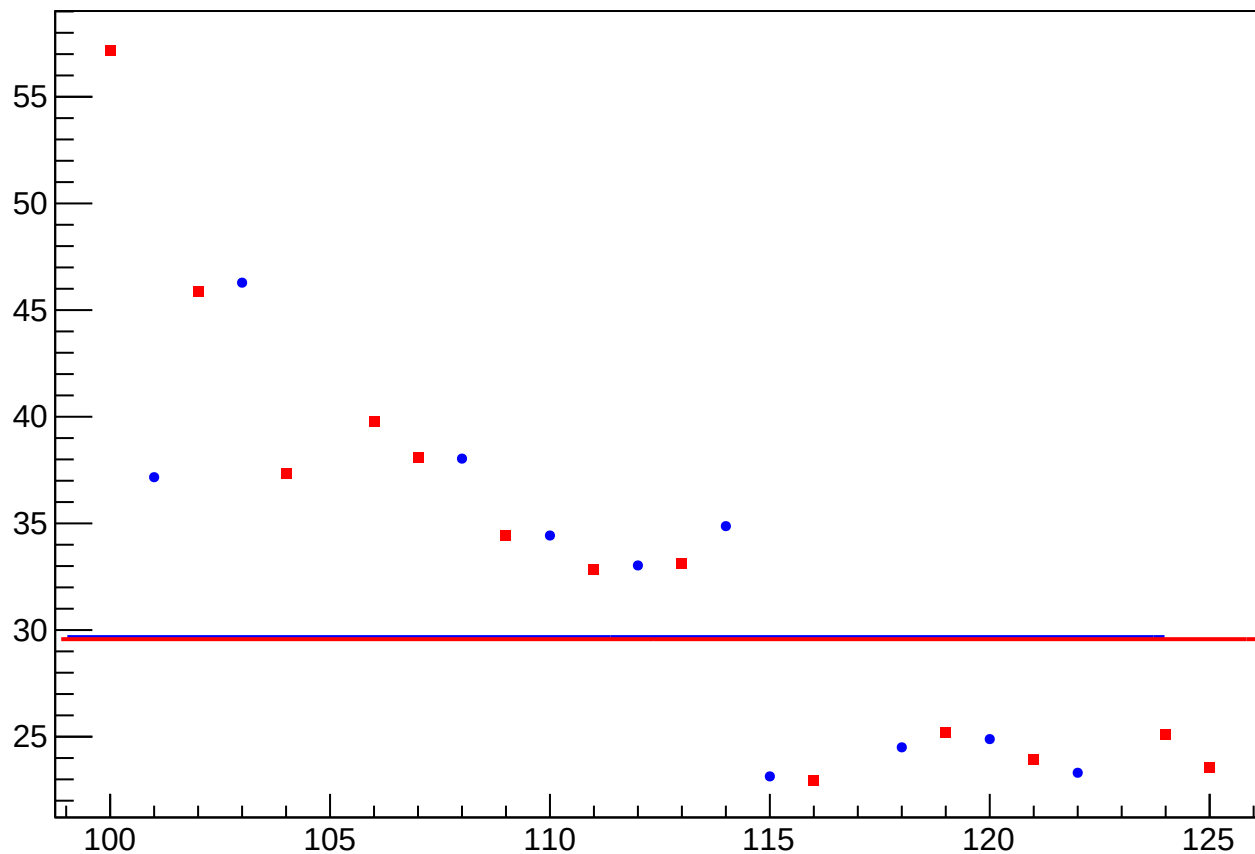
Right: -6.524 $\pm$ 10.155 χ^2 /NDF: 29.4/22

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: -6.524 $\pm$ 10.155 χ^2 /NDF: 29.4/22

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: 29.572+/-0.010 χ^2/NDF : 517071.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

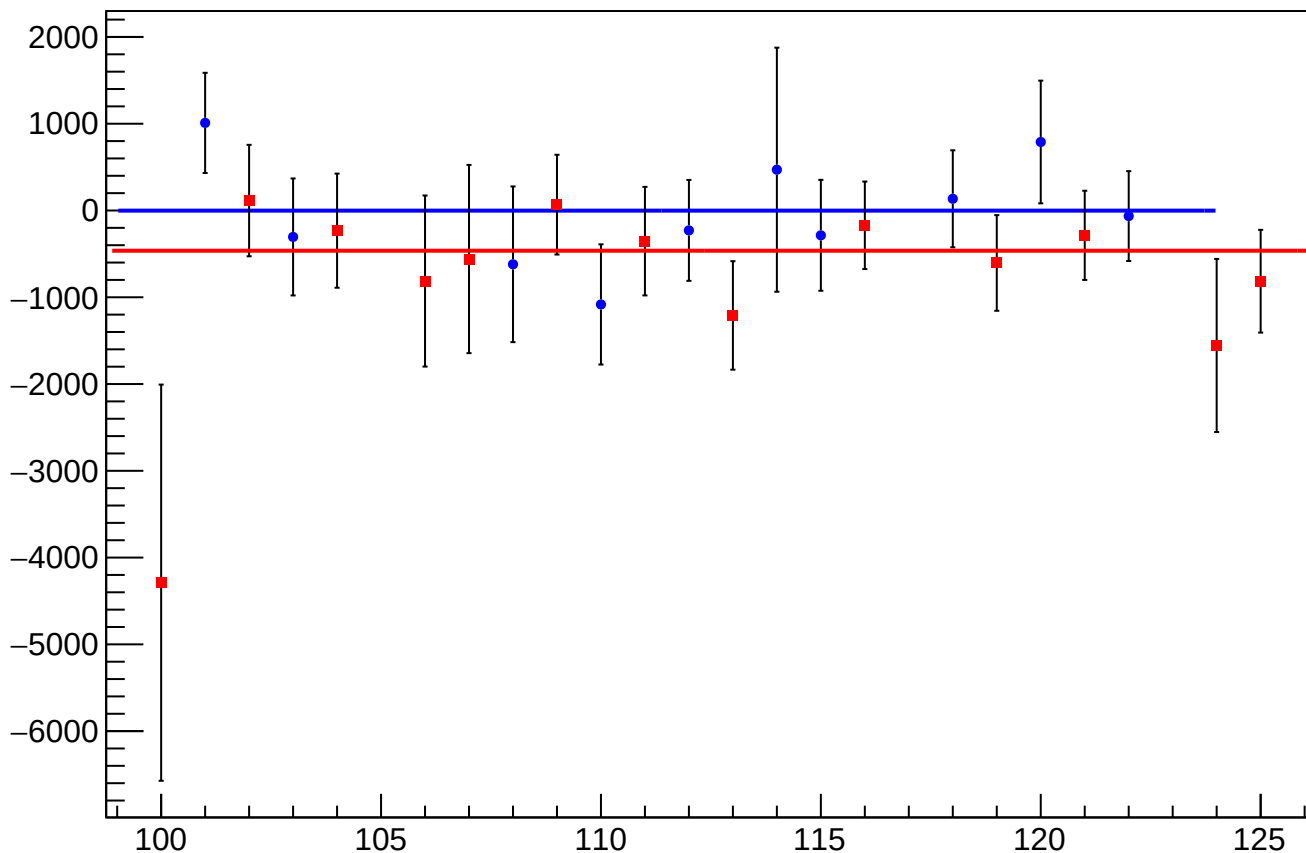
Right: 29.616+/-0.007 χ^2/NDF : 948514.2/22

In: 29.669+/-0.011 χ^2/NDF :431397.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 29.616+/-0.007 χ^2/NDF : 948514.2/22

asym_sam_1357_2468_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -1.557+/-206.855 χ^2/NDF : 8.0/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -463.479+/-183.121 χ^2/NDF : 8.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

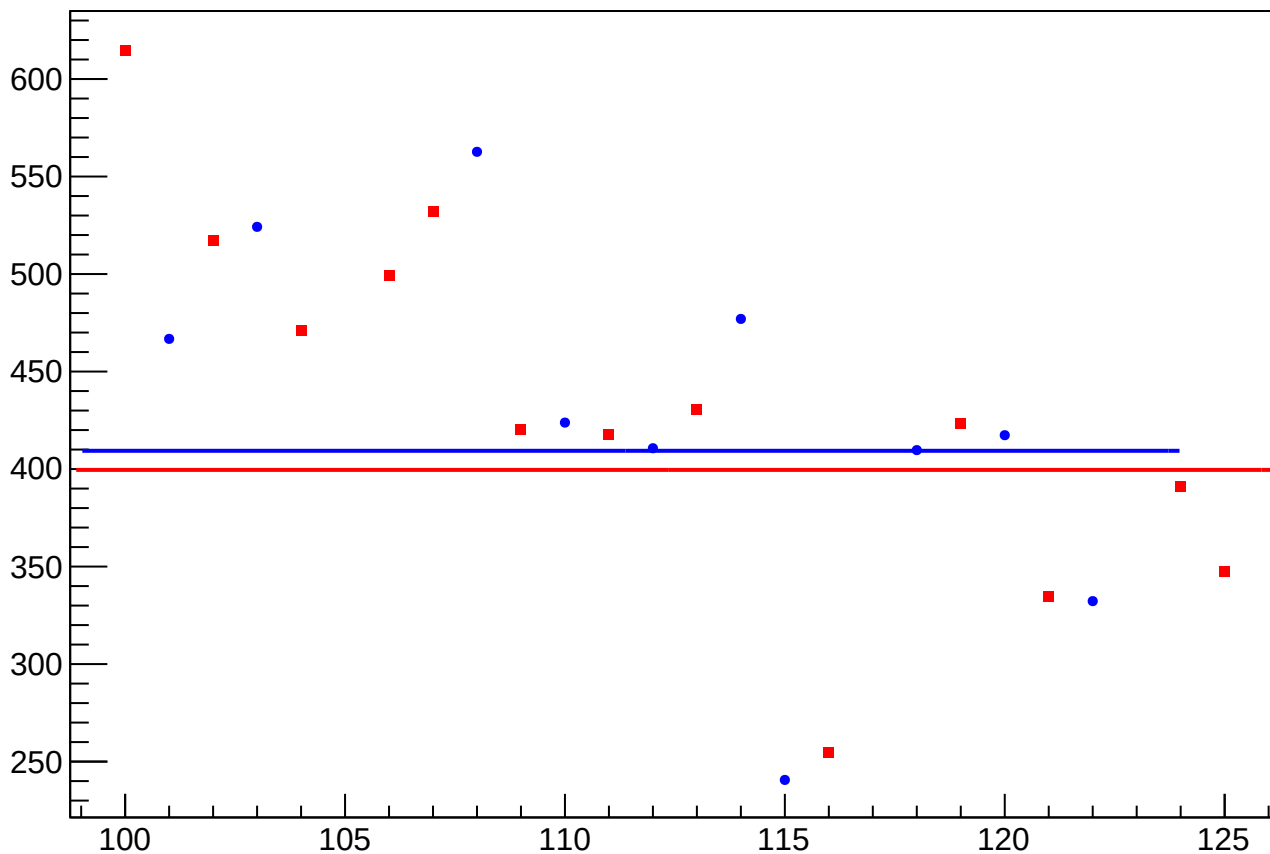
Right: -260.528+/-137.113 χ^2/NDF : 19.0/22

In: -1.557+/-206.855 χ^2/NDF :8.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -260.528+/-137.113 χ^2/NDF : 19.0/22

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: 399.577+/-0.129 χ^2/NDF : 384059.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

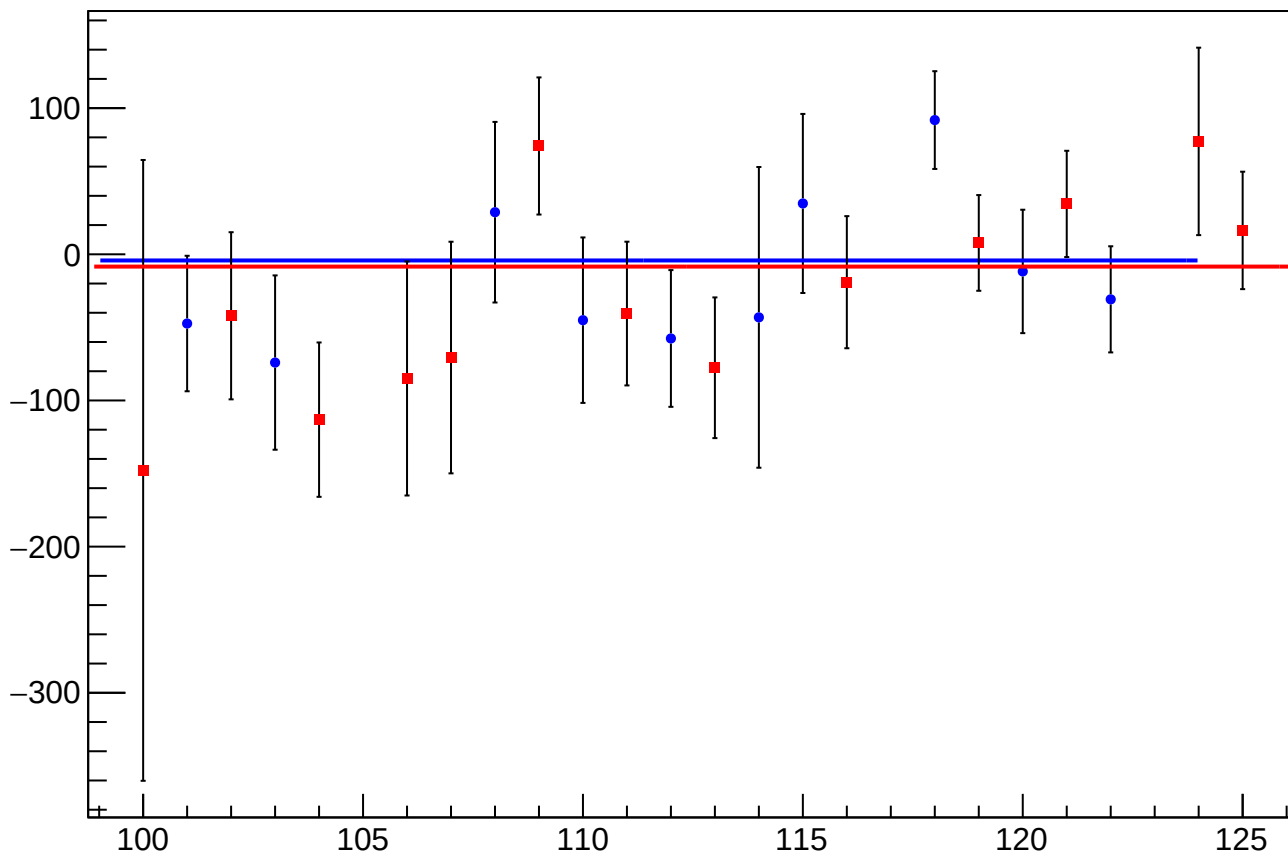
Right: 403.878+/-0.097 χ^2/NDF : 712322.2/22

In: 409.367+/-0.146 χ^2/NDF : 325751.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 403.878+/-0.097 χ^2/NDF : 712322.2/22

eigen_cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -4.212+/-15.157 χ^2/NDF : 13.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -8.408+/-13.680 χ^2/NDF : 15.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

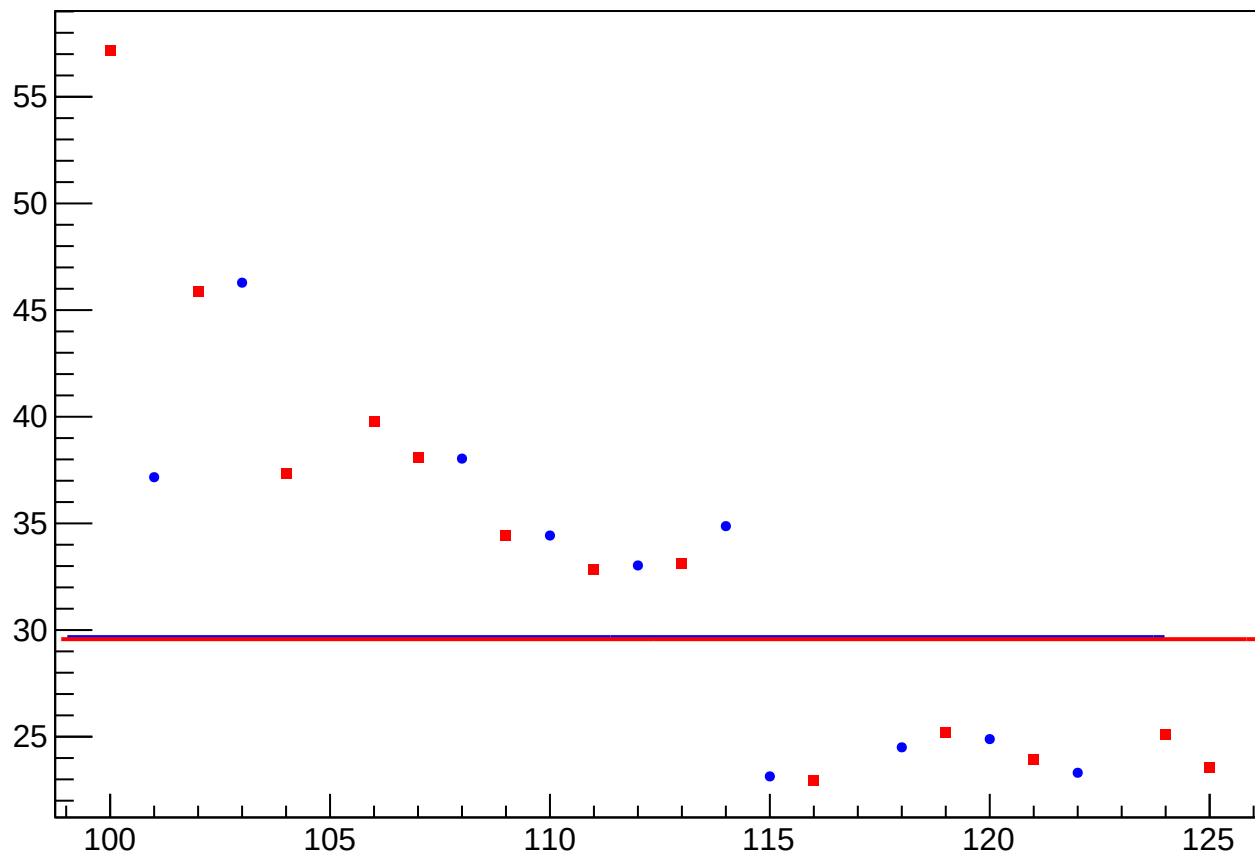
Right: -6.524+/-10.155 χ^2/NDF : 29.4/22

In: -4.212+/-15.157 χ^2/NDF :13.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.524+/-10.155 χ^2/NDF : 29.4/22

eigen_cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 29.669+/-0.011 χ^2/NDF : 431397.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.572+/-0.010 χ^2/NDF : 517071.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

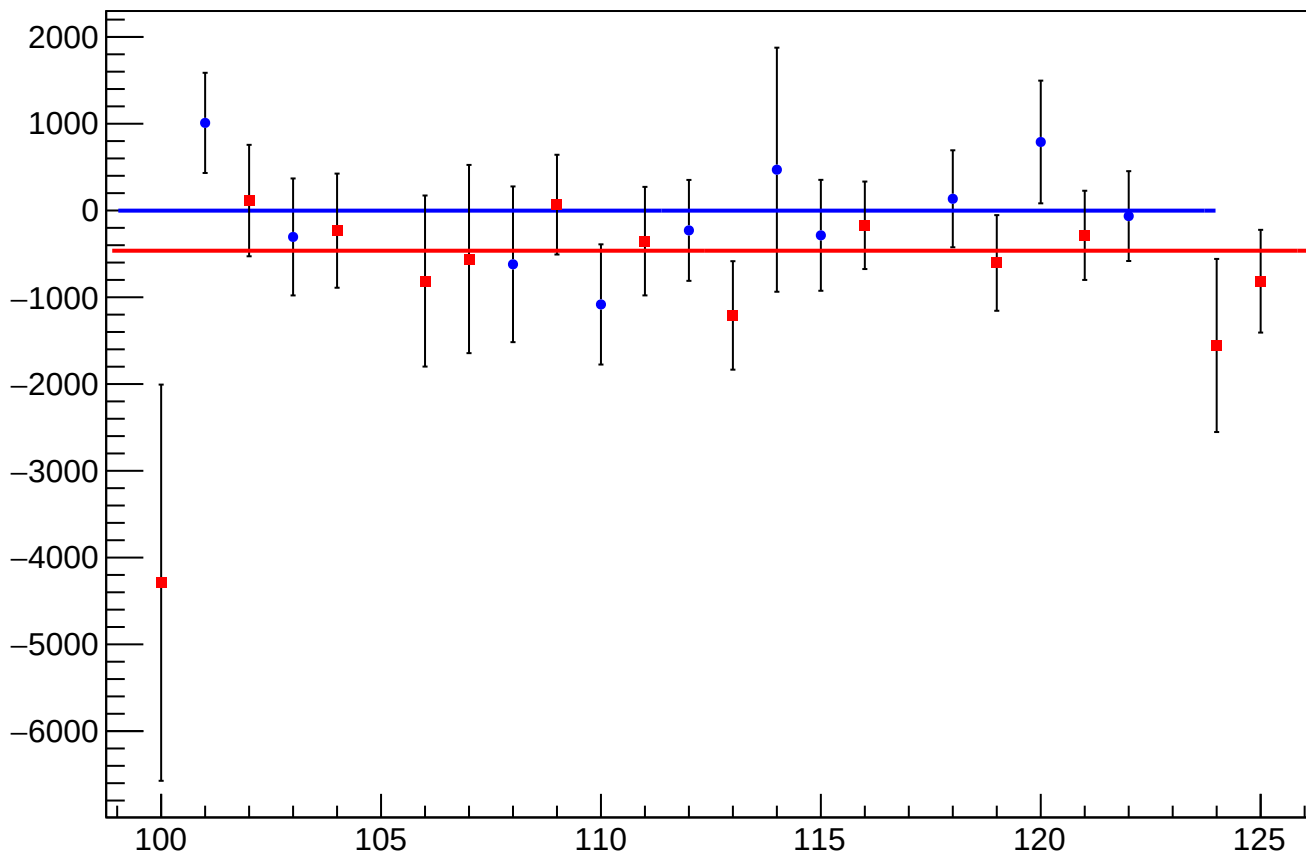
Right: 29.616+/-0.007 χ^2/NDF : 948514.2/22

In: 29.669+/-0.011 χ^2/NDF : 431397.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.616+/-0.007 χ^2/NDF : 948514.2/22

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: -463.479+/-183.121 χ^2/NDF : 8.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

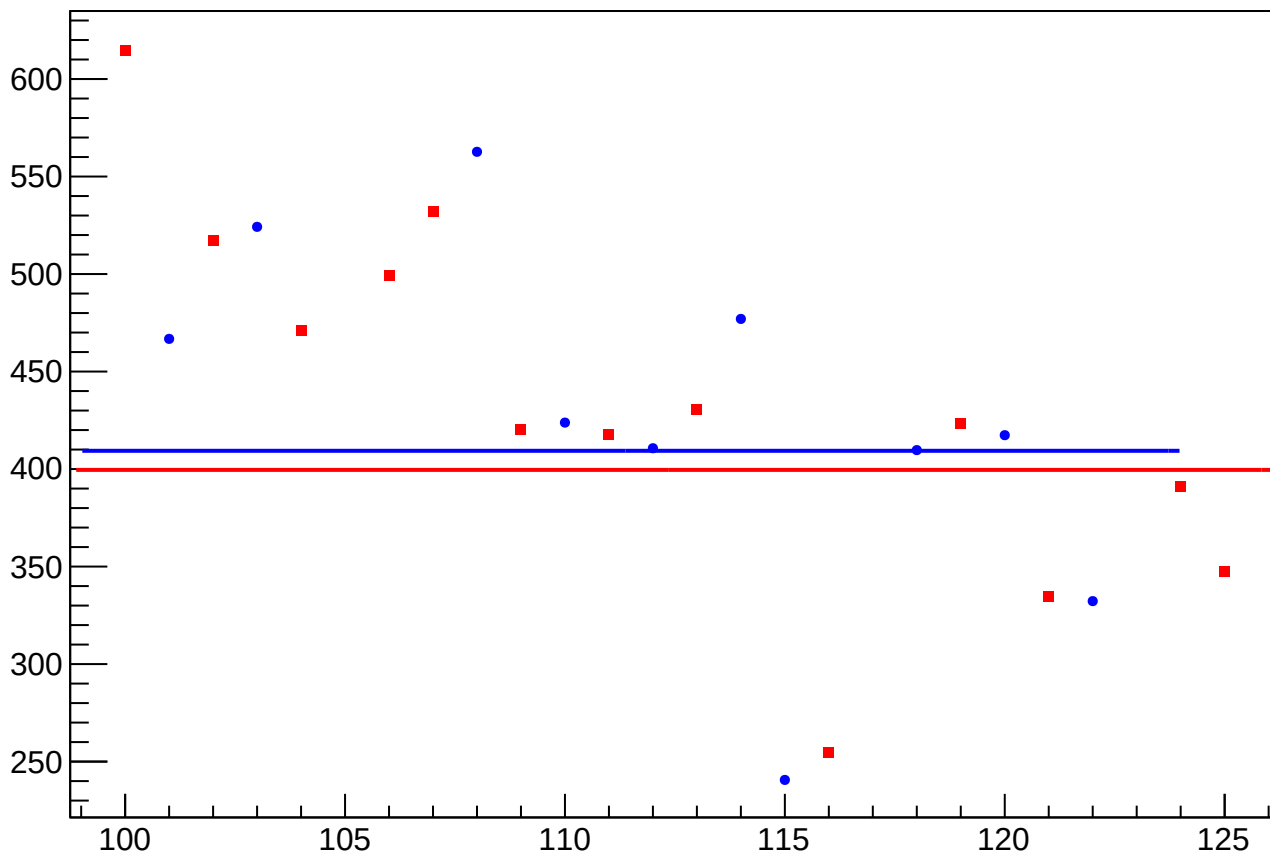
Right: -260.528+/-137.113 χ^2/NDF : 19.0/22

In: -1.557+/-206.855 χ^2/NDF : 8.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -260.528+/-137.113 χ^2/NDF : 19.0/22

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: 399.577+/-0.129 χ^2/NDF : 384059.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

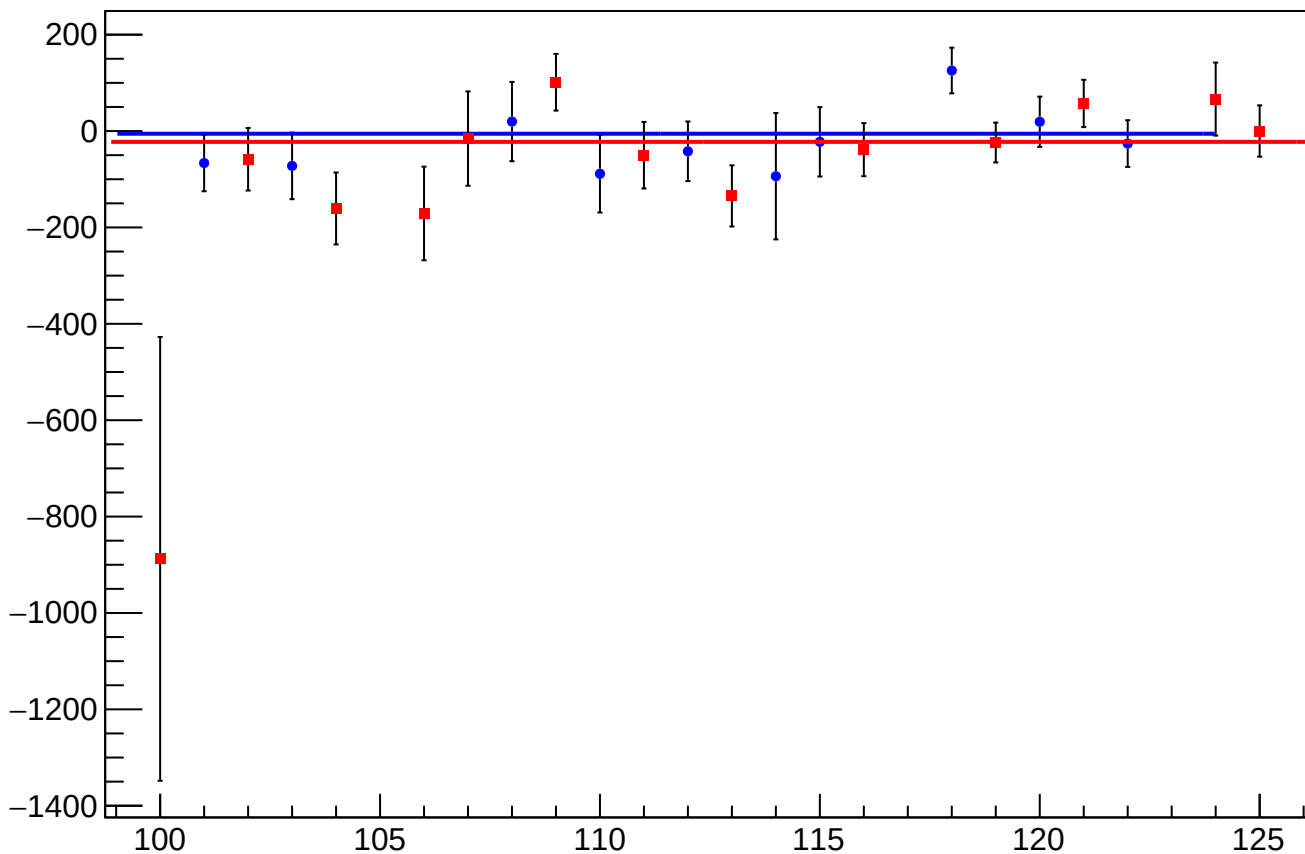
Right: 403.878+/-0.097 χ^2/NDF : 712322.2/22

In: 409.367+/-0.146 χ^2/NDF : 325751.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 403.878+/-0.097 χ^2/NDF : 712322.2/22

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: -22.401+/-17.580 χ^2/NDF : 21.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

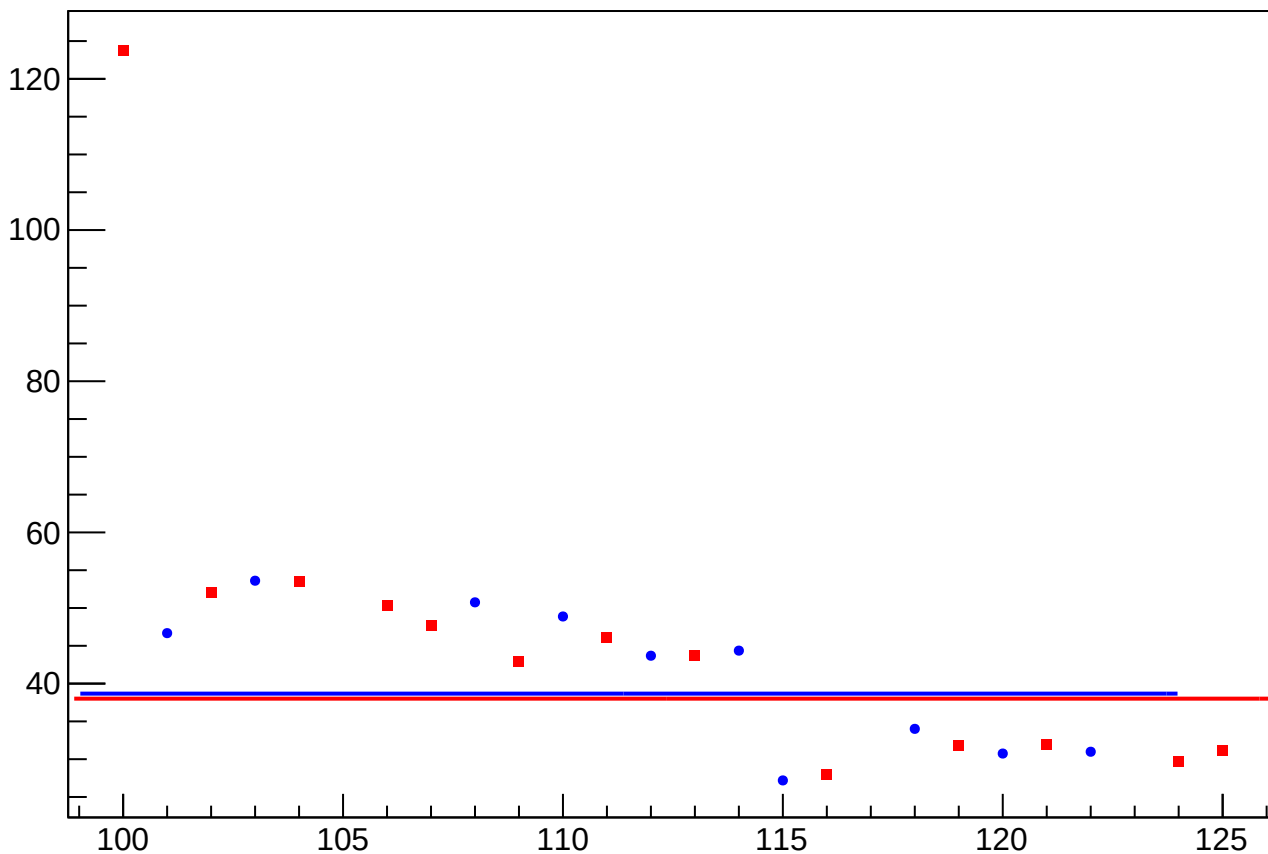
Right: -14.959+/-13.143 χ^2/NDF : 34.1/22

In: -5.529+/-19.789 χ^2/NDF : 12.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.959+/-13.143 χ^2/NDF : 34.1/22

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 38.673+/-0.014 χ^2/NDF : 389874.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.009+/-0.012 χ^2/NDF : 557486.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

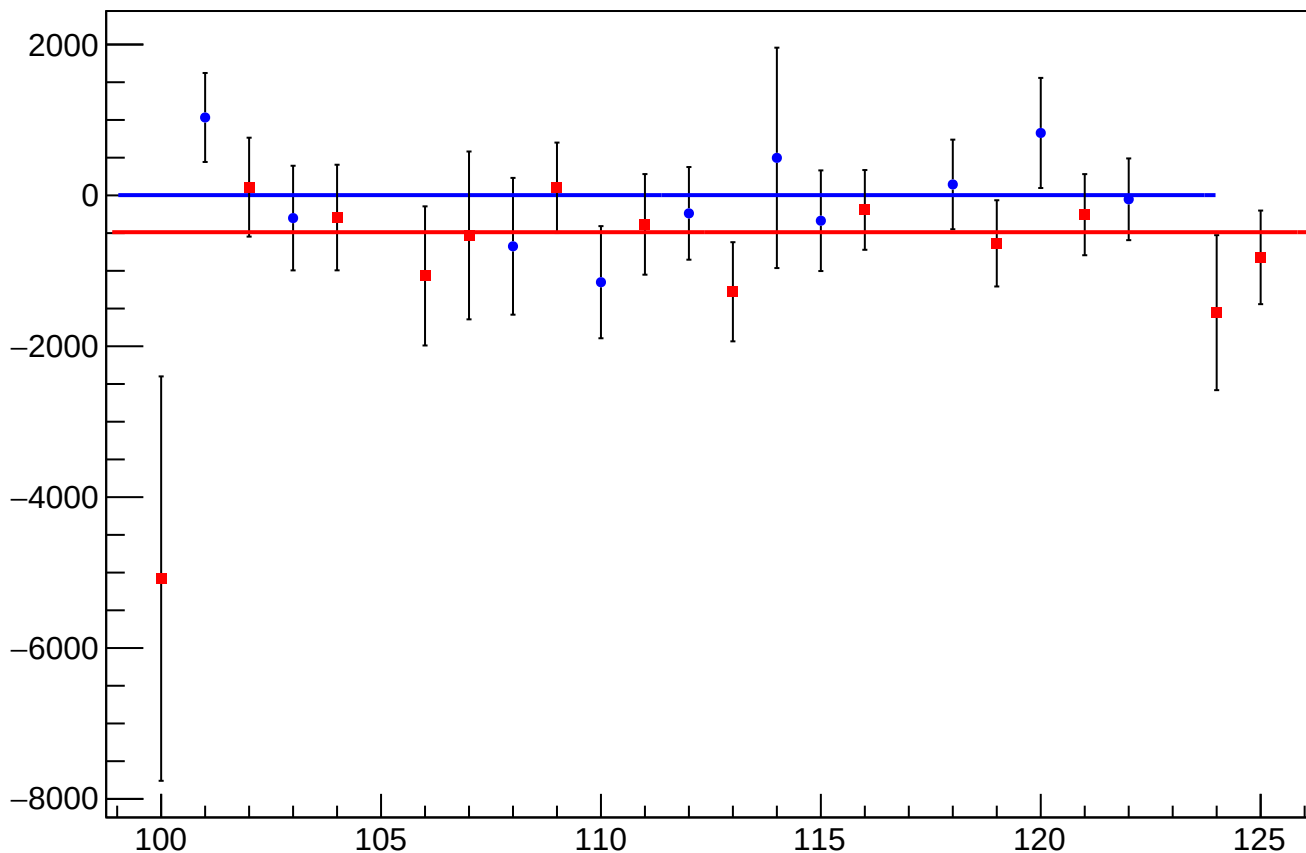
Right: 38.302+/-0.009 χ^2/NDF : 948622.3/22

In: 38.673+/-0.014 χ^2/NDF : 389874.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.302+/-0.009 χ^2/NDF : 948622.3/22

asym_sam_1357_2468_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 3.491 ± 215.822 $\chi^2/\text{NDF}: 8.1/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -487.780 ± 190.743 $\chi^2/\text{NDF}: 8.6/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

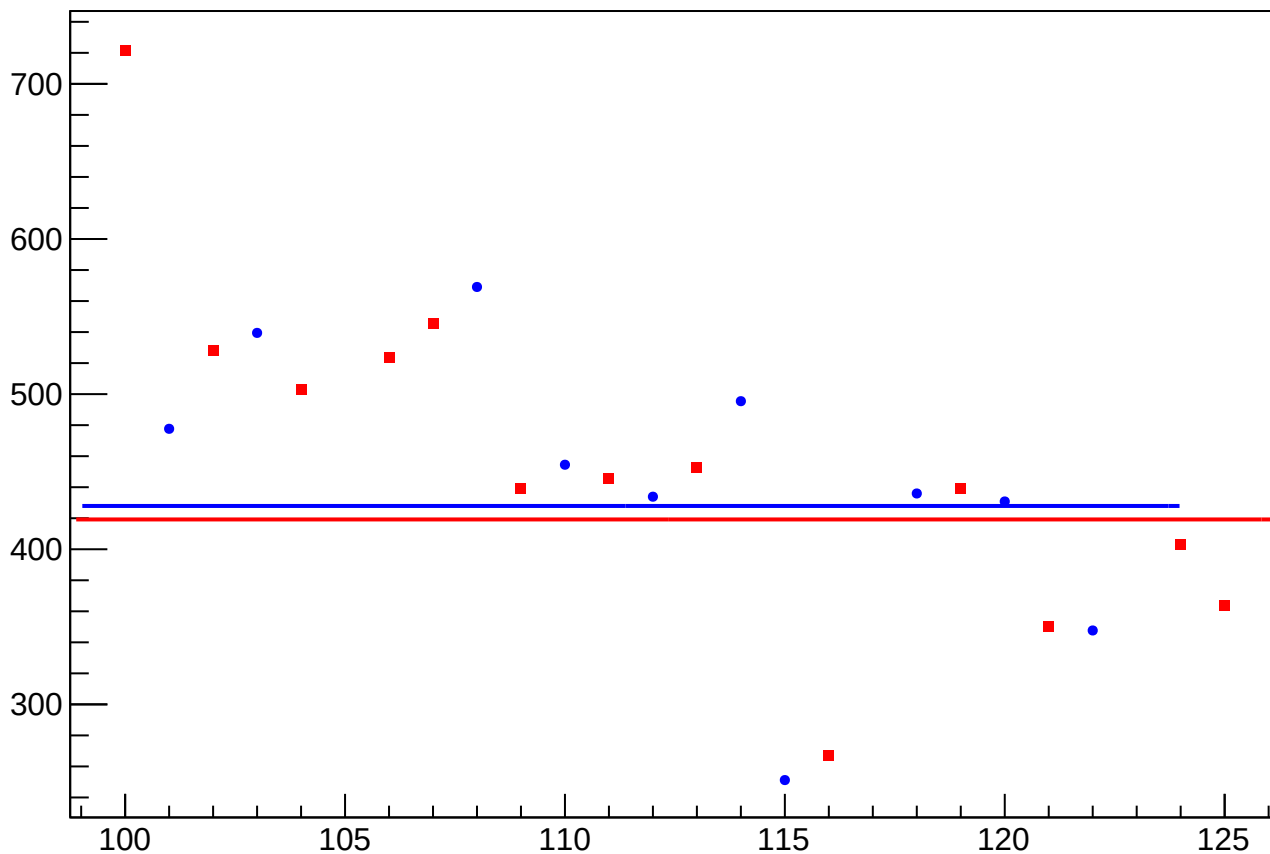
Right: -272.334 ± 142.924 $\chi^2/\text{NDF}: 19.6/22$

In: 3.491 ± 215.822 $\chi^2/\text{NDF}: 8.1/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -272.334 ± 142.924 $\chi^2/\text{NDF}: 19.6/22$

asym_sam_1357_2468_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 427.912 $\pm$ 0.153 χ^2 /NDF: 306145.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 419.218 $\pm$ 0.135 χ^2 /NDF: 388171.8/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

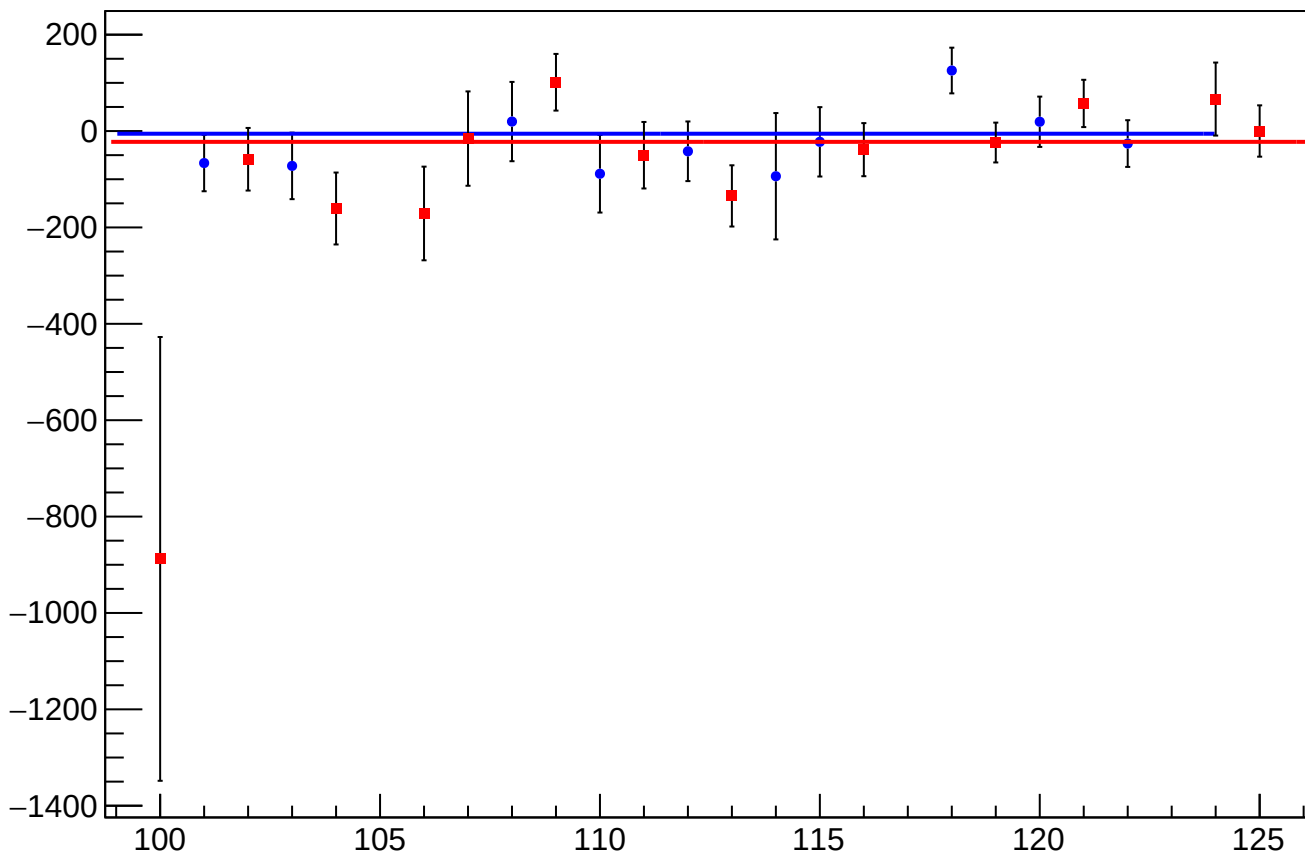
Right: 423.031 $\pm$ 0.101 χ^2 /NDF: 696138.7/22

In: 427.912 $\pm$ 0.153 χ^2 /NDF:306145.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 423.031 $\pm$ 0.101 χ^2 /NDF: 696138.7/22

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: -22.401+/-17.580 χ^2/NDF : 21.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

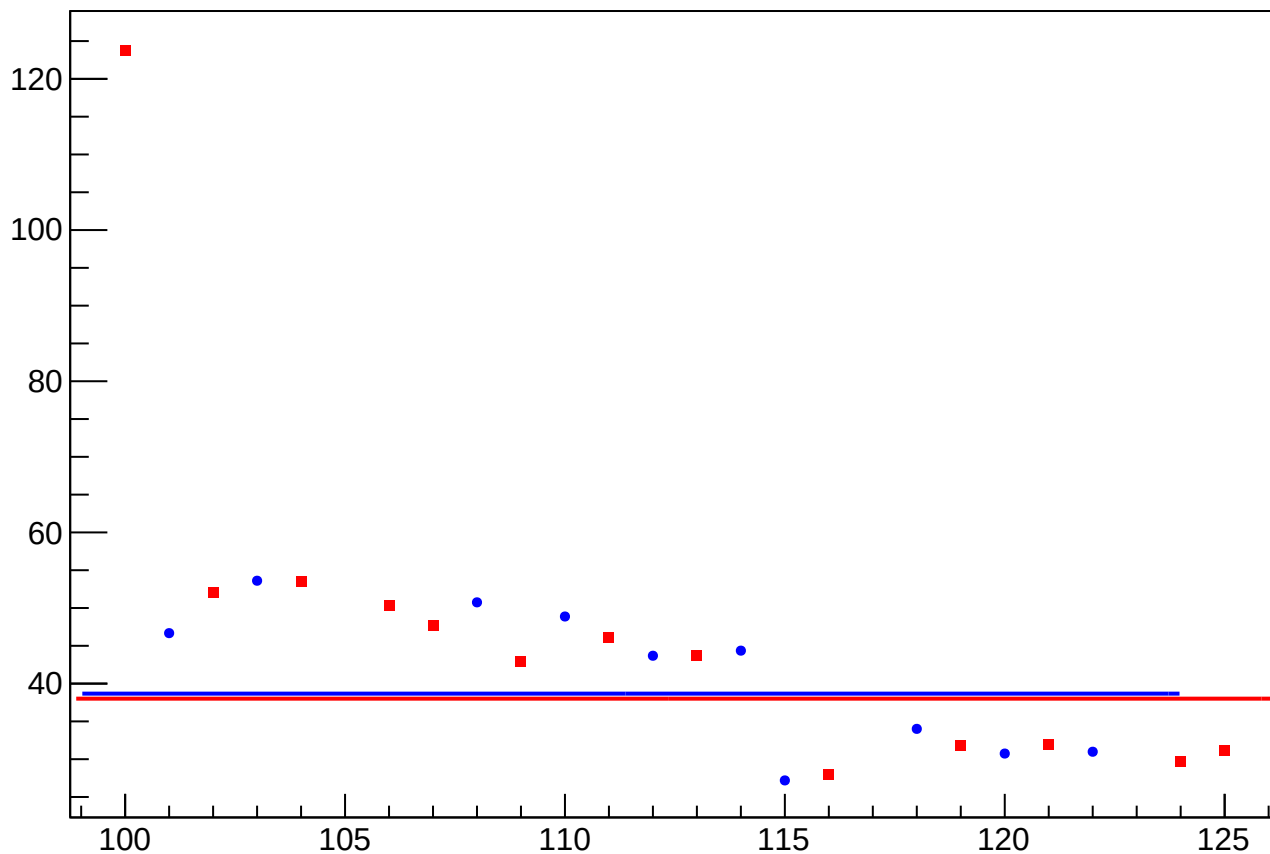
Right: -14.958+/-13.143 χ^2/NDF : 34.1/22

In: -5.529+/-19.788 χ^2/NDF : 12.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.958+/-13.143 χ^2/NDF : 34.1/22

eigen_dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 38.673+/-0.014 χ^2/NDF : 389859.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.008+/-0.012 χ^2/NDF : 557454.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

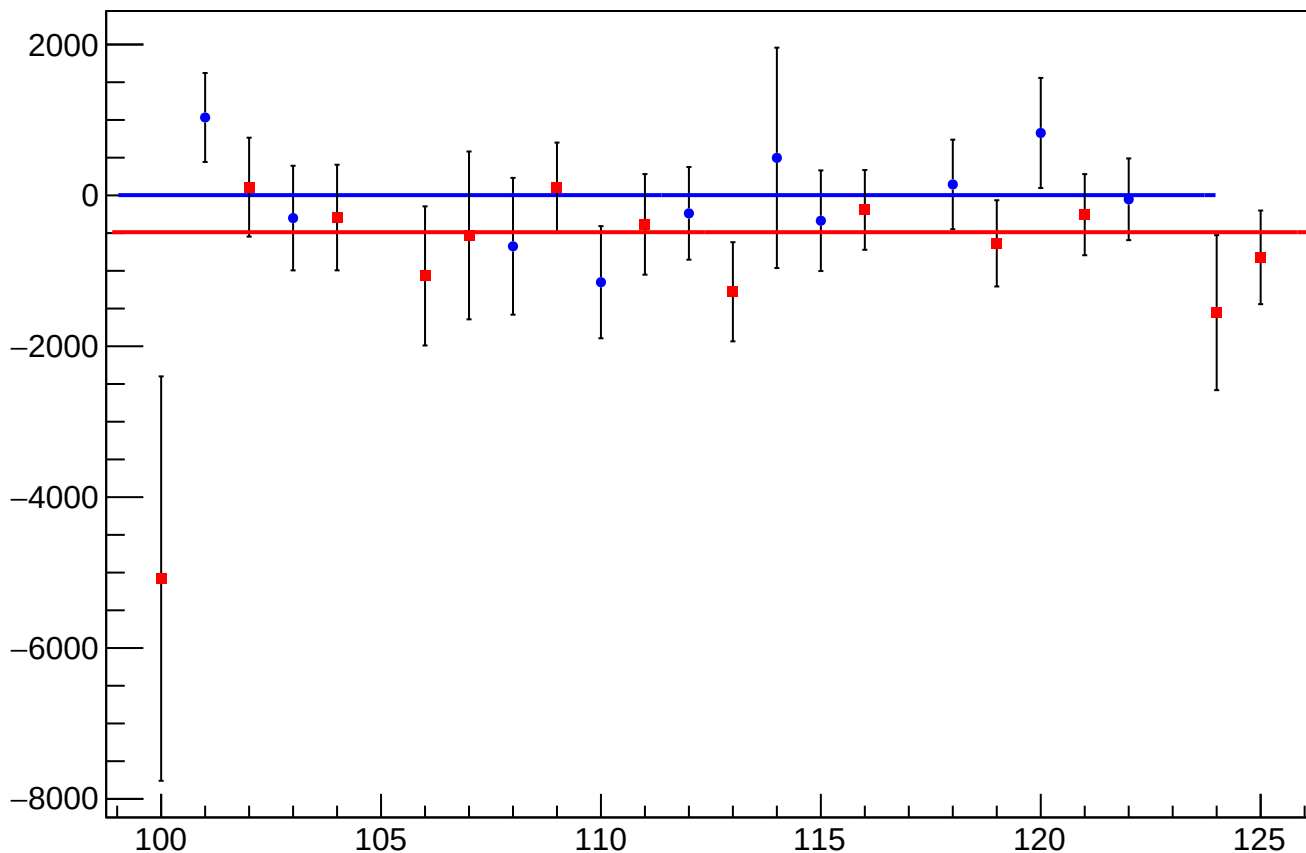
Right: 38.301+/-0.009 χ^2/NDF : 948574.2/22

In: 38.673+/-0.014 χ^2/NDF : 389859.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.301+/-0.009 χ^2/NDF : 948574.2/22

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: -487.780+/-190.743 χ^2/NDF : 8.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

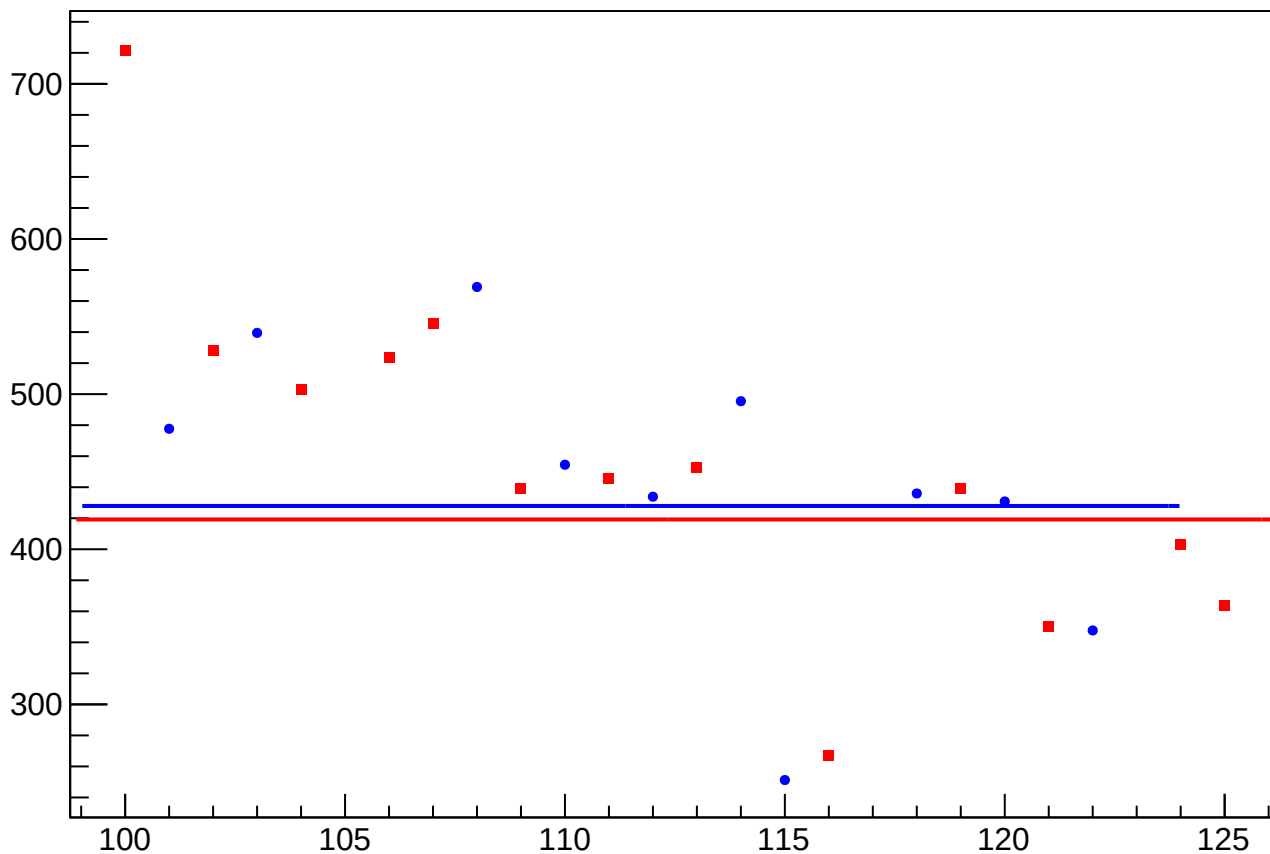
Right: -272.334+/-142.924 χ^2/NDF : 19.6/22

In: 3.490+/-215.821 χ^2/NDF : 8.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -272.334+/-142.924 χ^2/NDF : 19.6/22

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: 419.218+/-0.135 χ^2/NDF : 388165.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

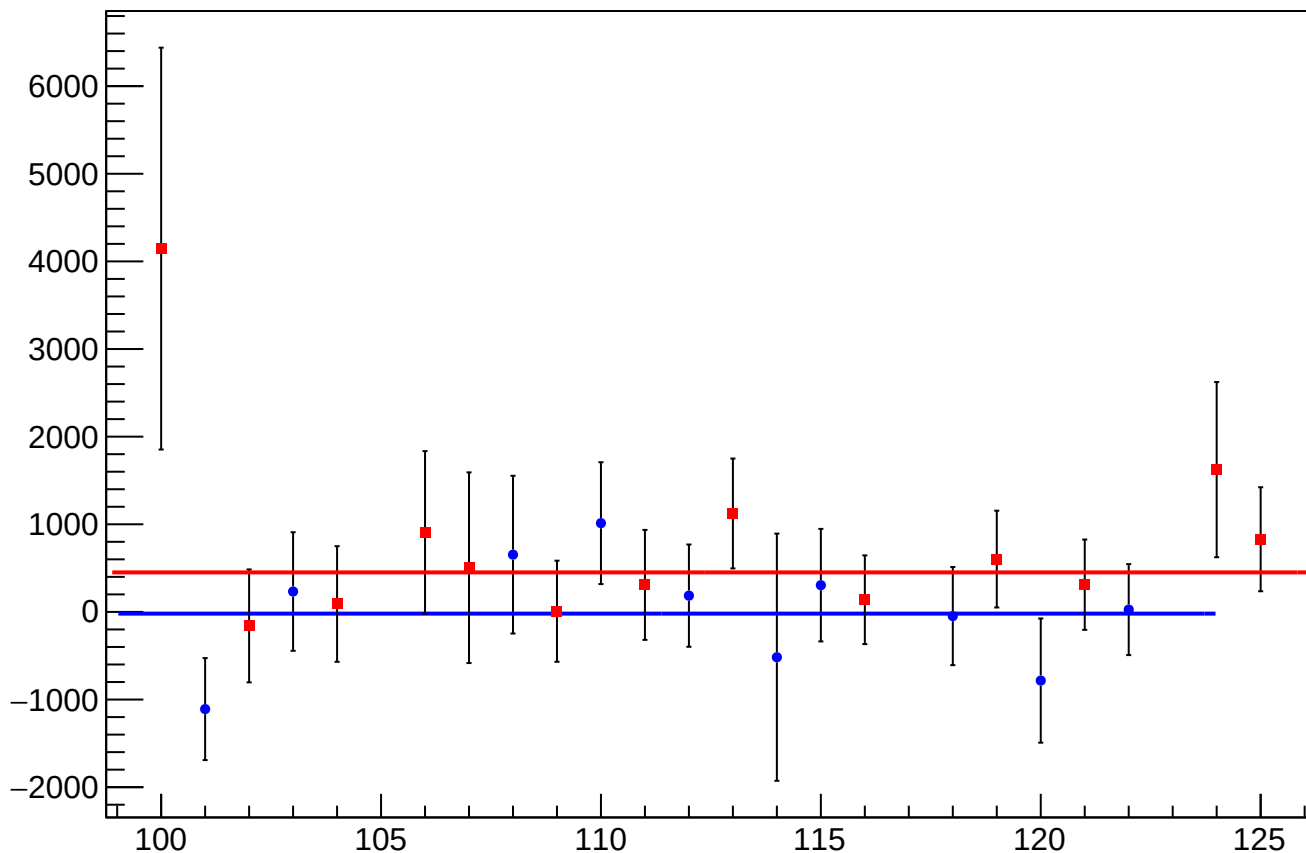
Right: 423.030+/-0.101 χ^2/NDF : 696126.0/22

In: 427.911+/-0.153 χ^2/NDF : 306139.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 423.030+/-0.101 χ^2/NDF : 696126.0/22

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: 450.975 ± 183.256 χ^2/NDF : 8.1/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

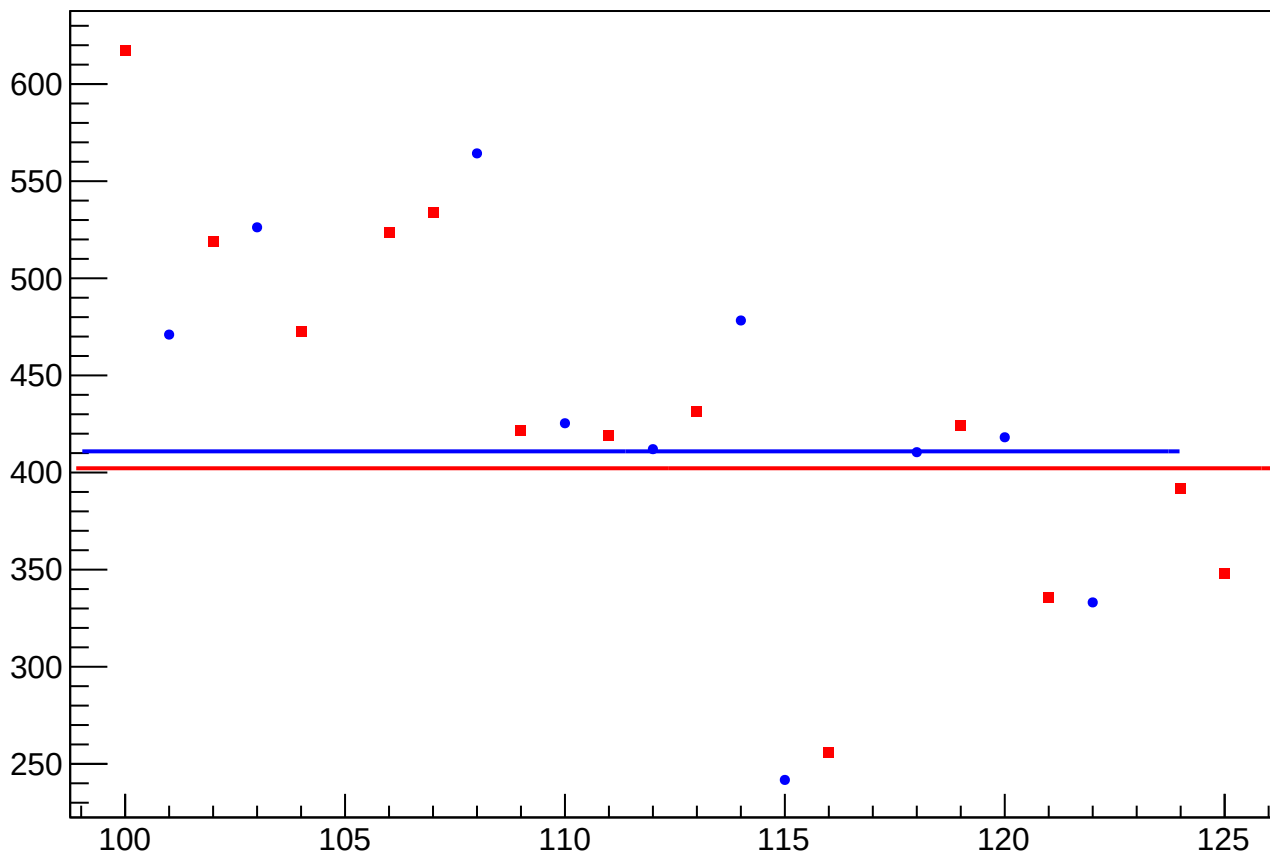
Right: 244.991 ± 137.391 χ^2/NDF : 19.1/22

In: -19.400 ± 207.617 χ^2/NDF : 8.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 244.991 ± 137.391 χ^2/NDF : 19.1/22

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: 402.191+/-0.130 χ^2/NDF : 398240.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

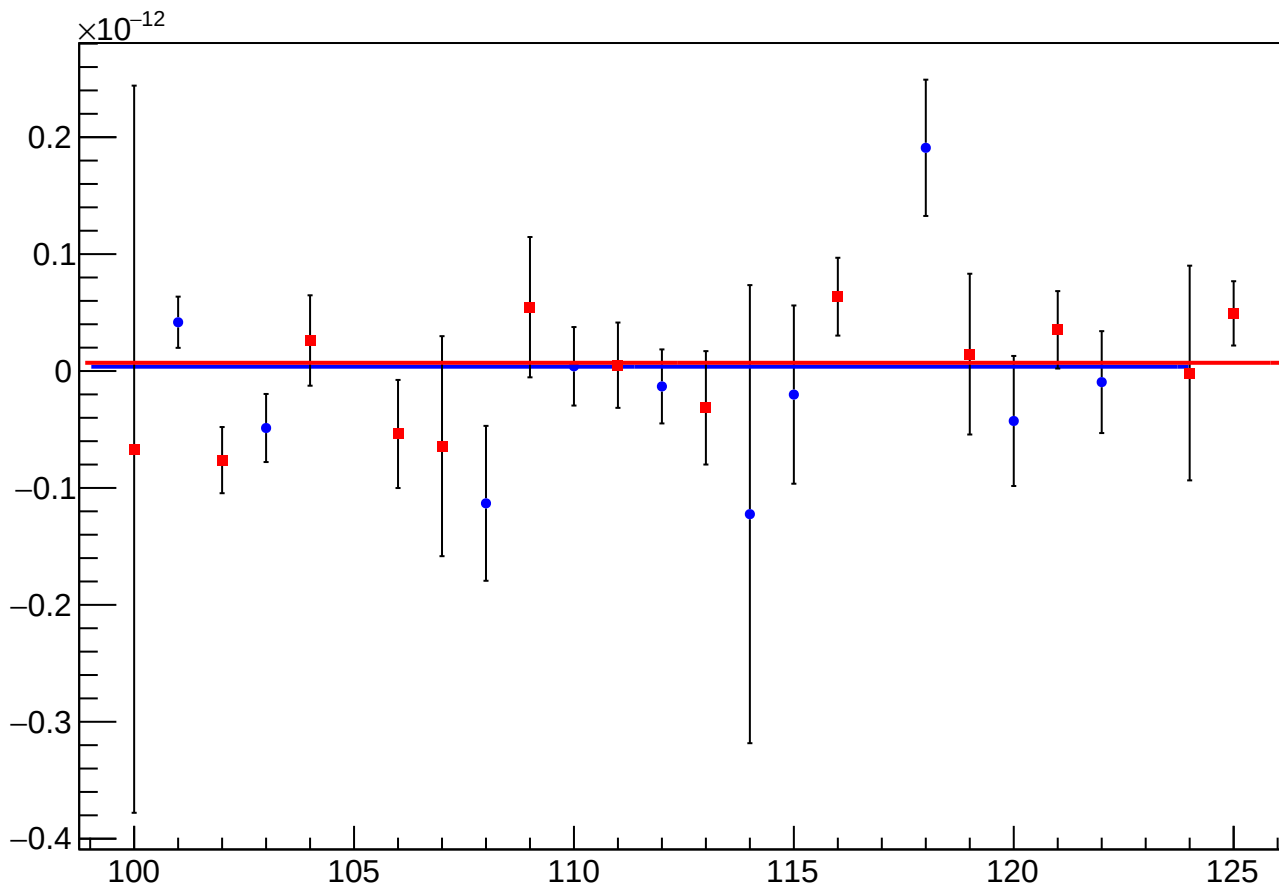
Right: 406.007+/-0.097 χ^2/NDF : 727143.7/22

In: 410.904+/-0.147 χ^2/NDF : 326923.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 406.007+/-0.097 χ^2/NDF : 727143.7/22

asym_sam_1357_2468_dd_reg_vs_Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 21.3/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.5/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

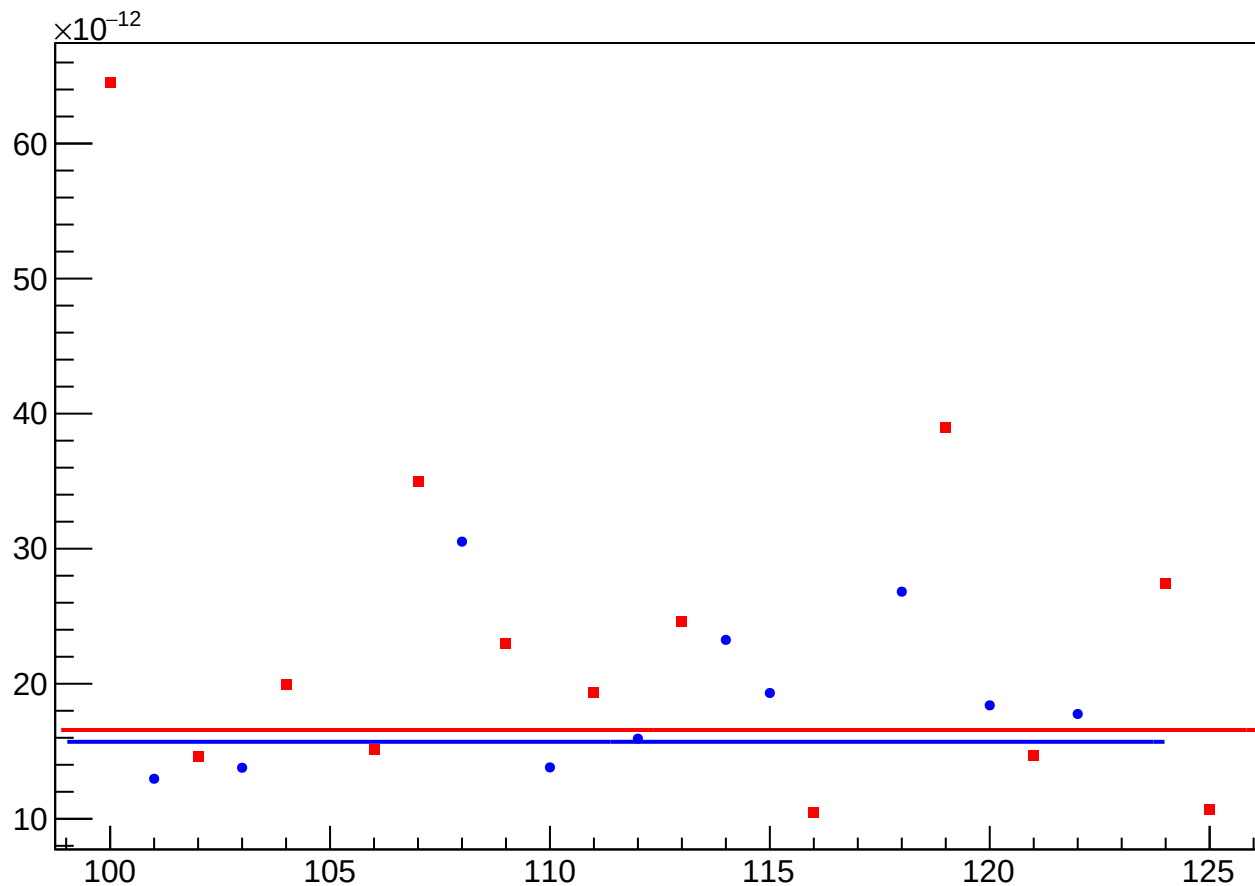
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 39.8/22

In: 0.000 $\pm$ 0.000 χ^2 /NDF:21.3/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 39.8/22

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 : 645567.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

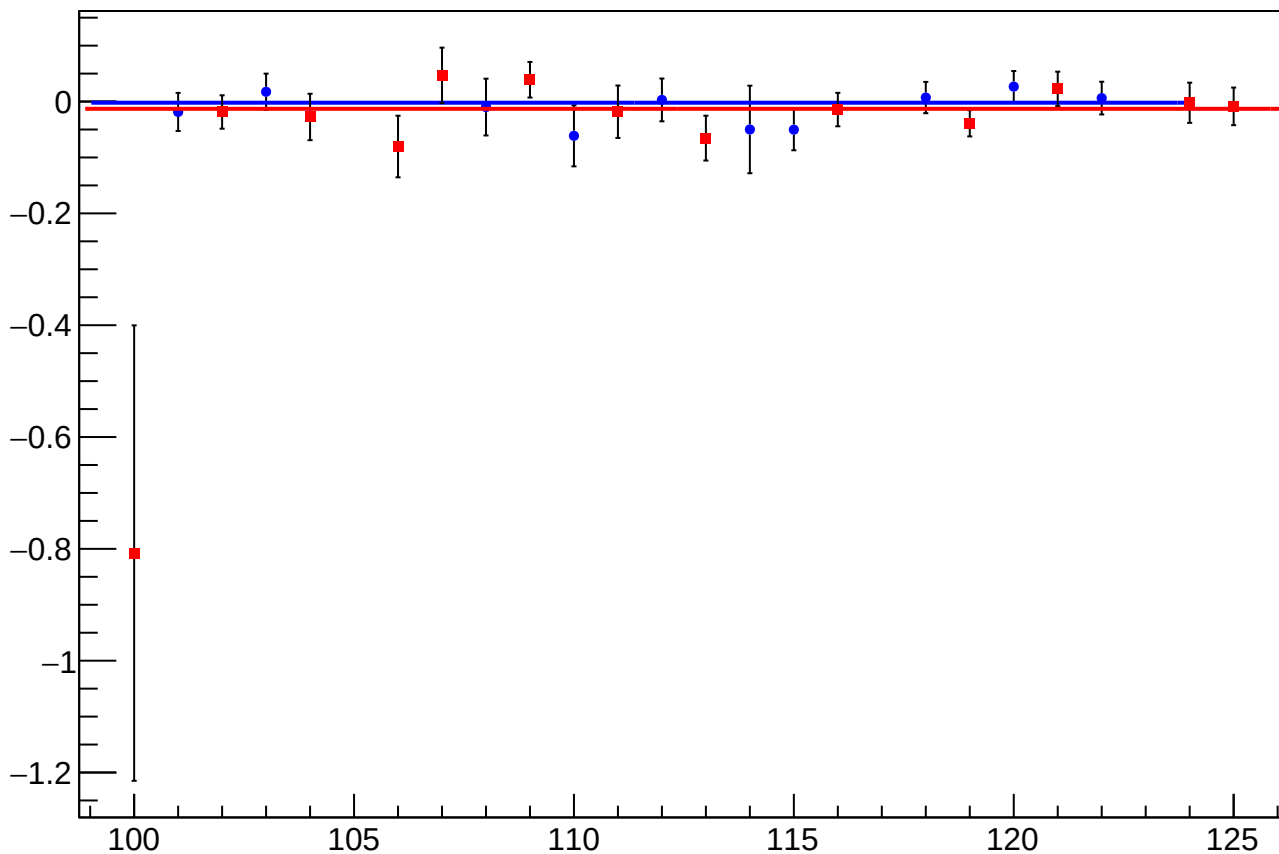
Right: 0.000+/-0.000 χ^2/NDF : 886894.4/22

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 : 886894.4/22

asym_sam_1357_2468_dd_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: -0.013 ± 0.010 $\chi^2/\text{NDF}: 14.0/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

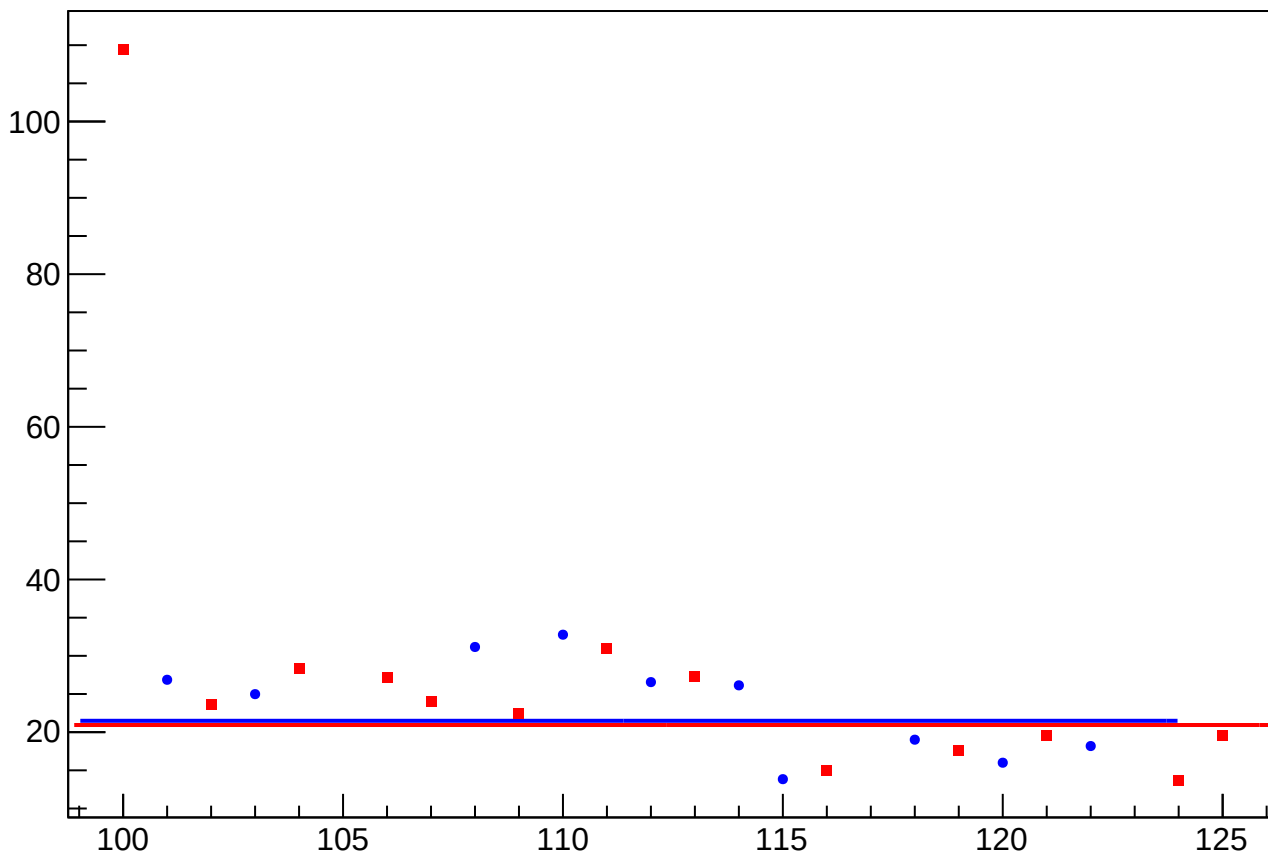
Right: -0.008 ± 0.007 $\chi^2/\text{NDF}: 19.6/22$

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 ± 0.007 $\chi^2/\text{NDF}: 19.6/22$

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: 20.938+/-0.007 χ^2/NDF : 565232.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

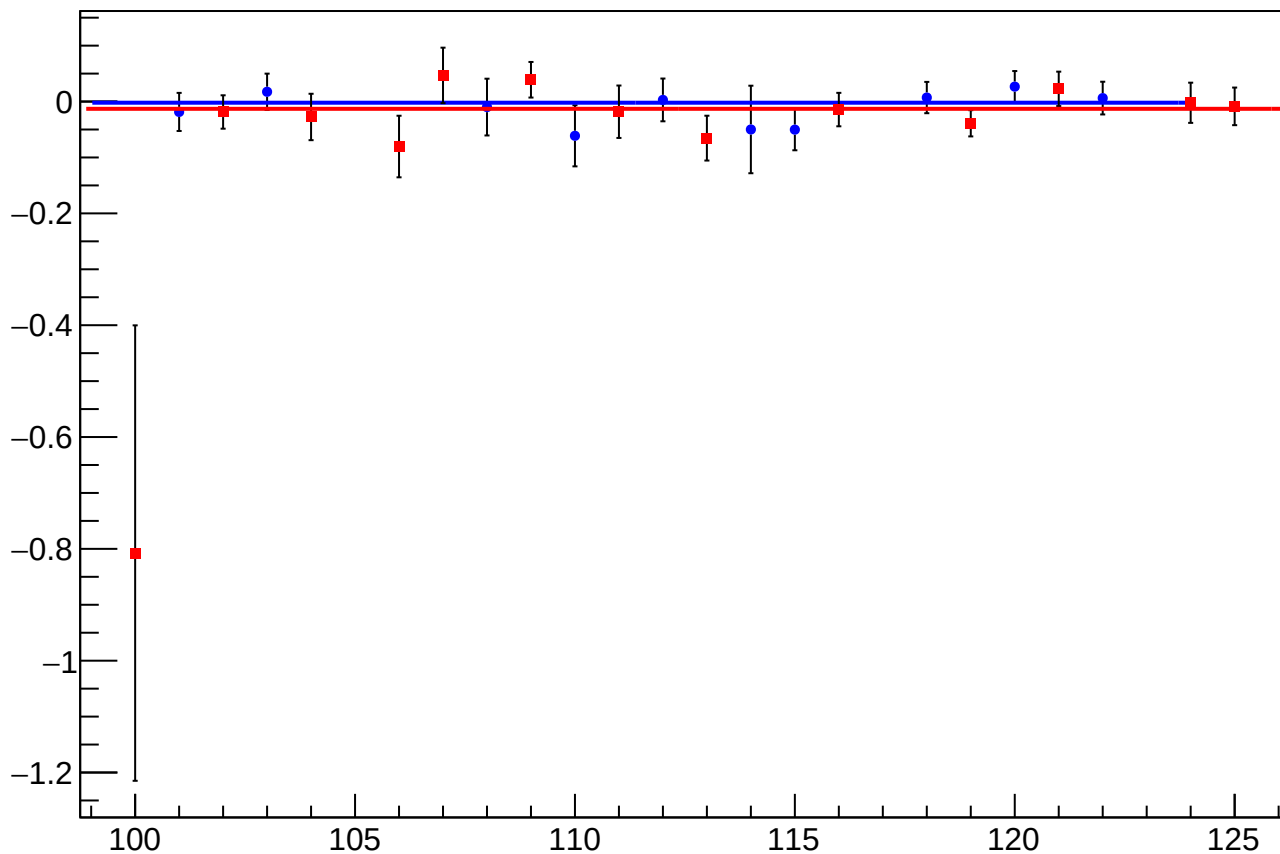
Right: 21.179+/-0.005 χ^2/NDF : 1045508.5/22

In: 21.491+/-0.008 χ^2/NDF : 477571.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.179+/-0.005 χ^2/NDF : 1045508.5/22

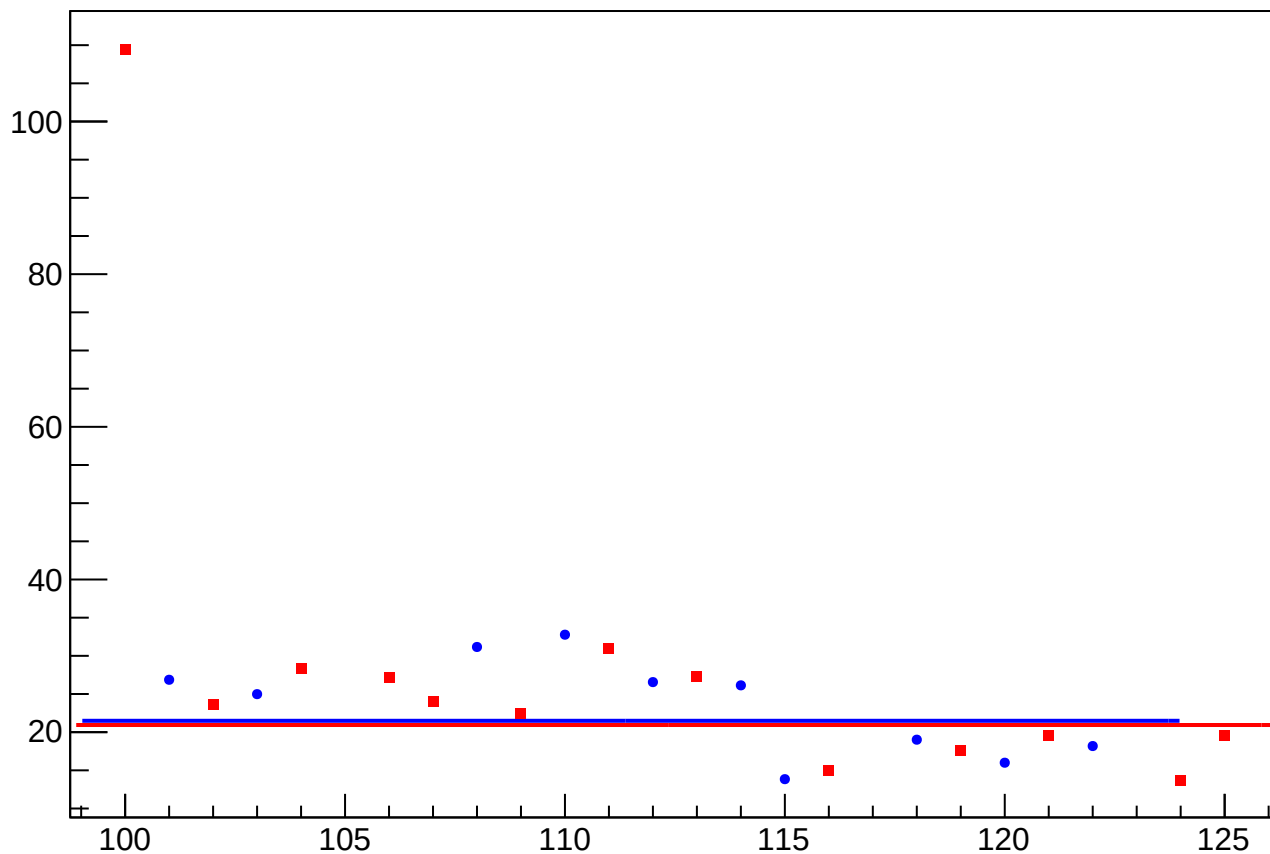
asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.011 χ^2 /NDF: 5.1/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.013 $\pm$ 0.010 χ^2 /NDF: 14.0/12
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.008 $\pm$ 0.007 χ^2 /NDF: 19.6/22
 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 $\pm$ 0.007 χ^2 /NDF: 19.6/22

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: 20.938+/-0.007 χ^2/NDF : 565232.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

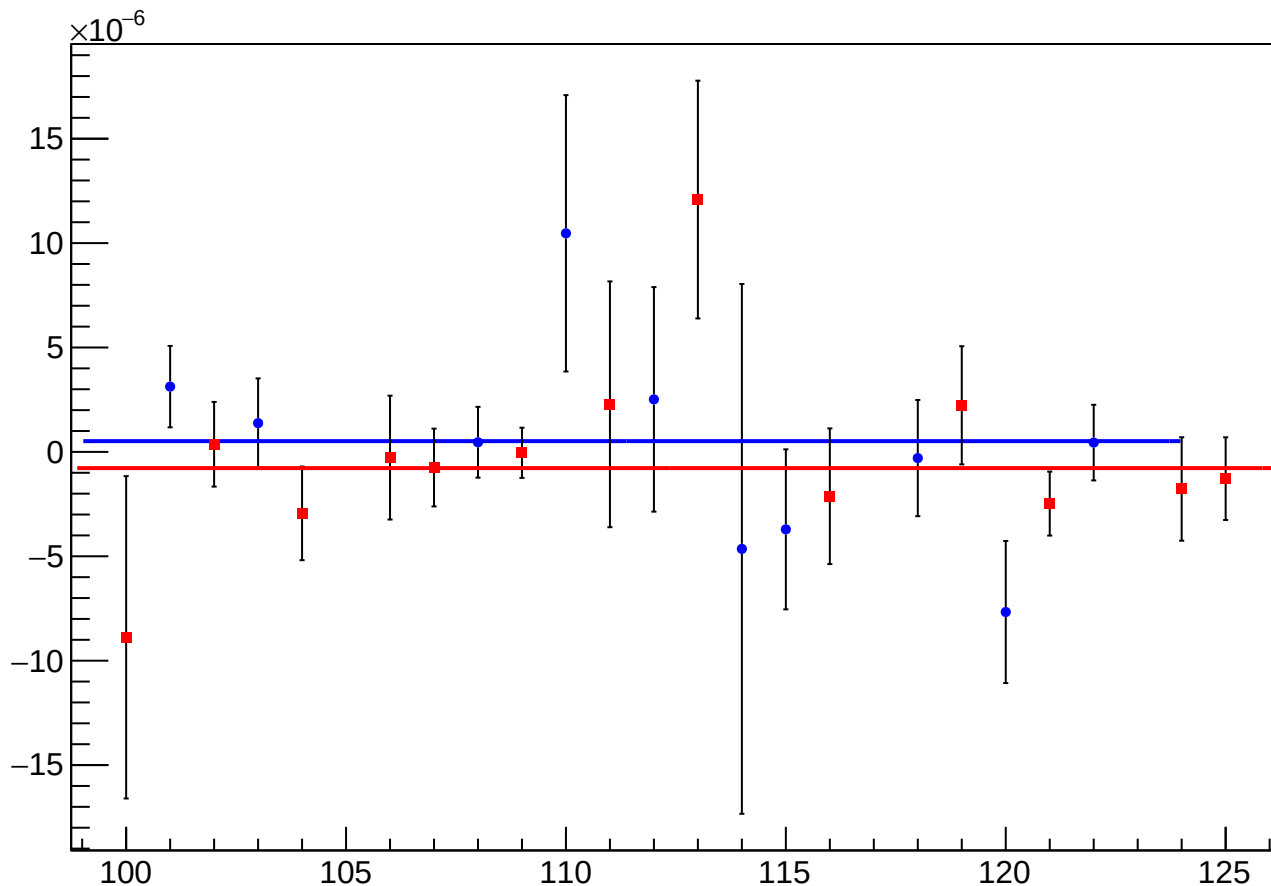
Right: 21.179+/-0.005 χ^2/NDF : 1045508.5/22

In: 21.491+/-0.008 χ^2/NDF : 477571.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.179+/-0.005 χ^2/NDF : 1045508.5/22

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 : 10.9/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

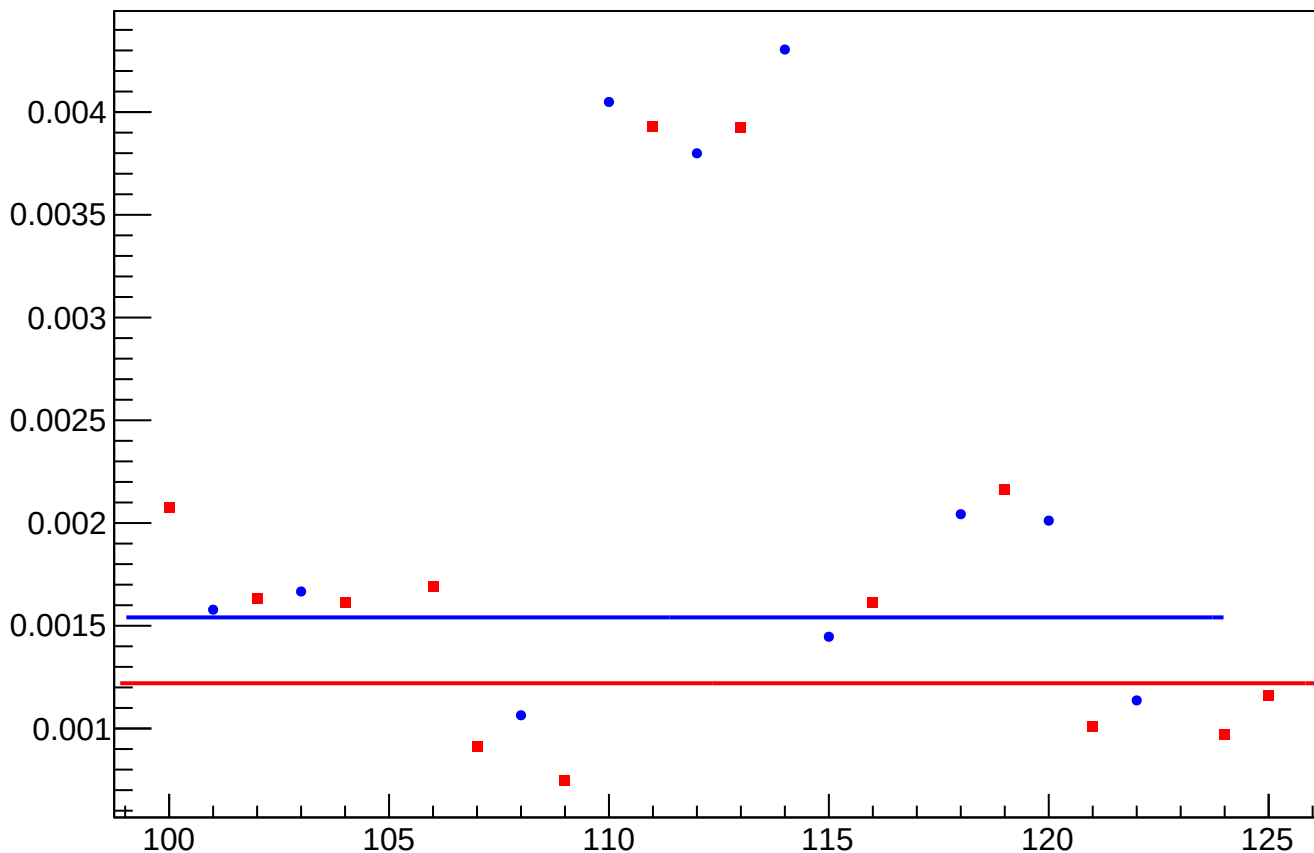
Right: -0.000 ± 0.000 χ^2/NDF : 24.1/22

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 : 24.1/22

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 : 1770019.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

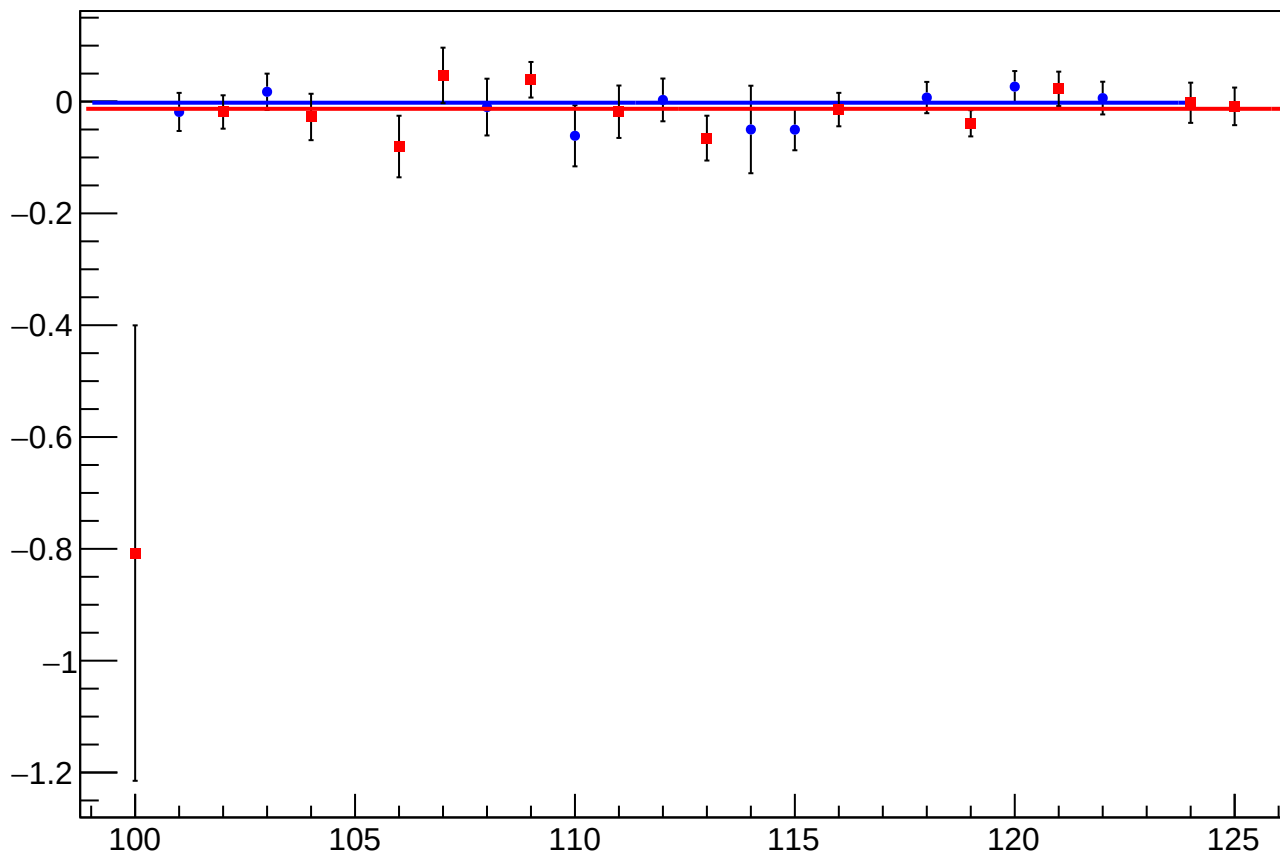
Right: 0.001+/-0.000 χ^2/NDF : 3070873.8/22

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 : 3070873.8/22

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 ± 0.011 χ^2/NDF : 5.1/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.013 ± 0.010 χ^2/NDF : 14.0/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

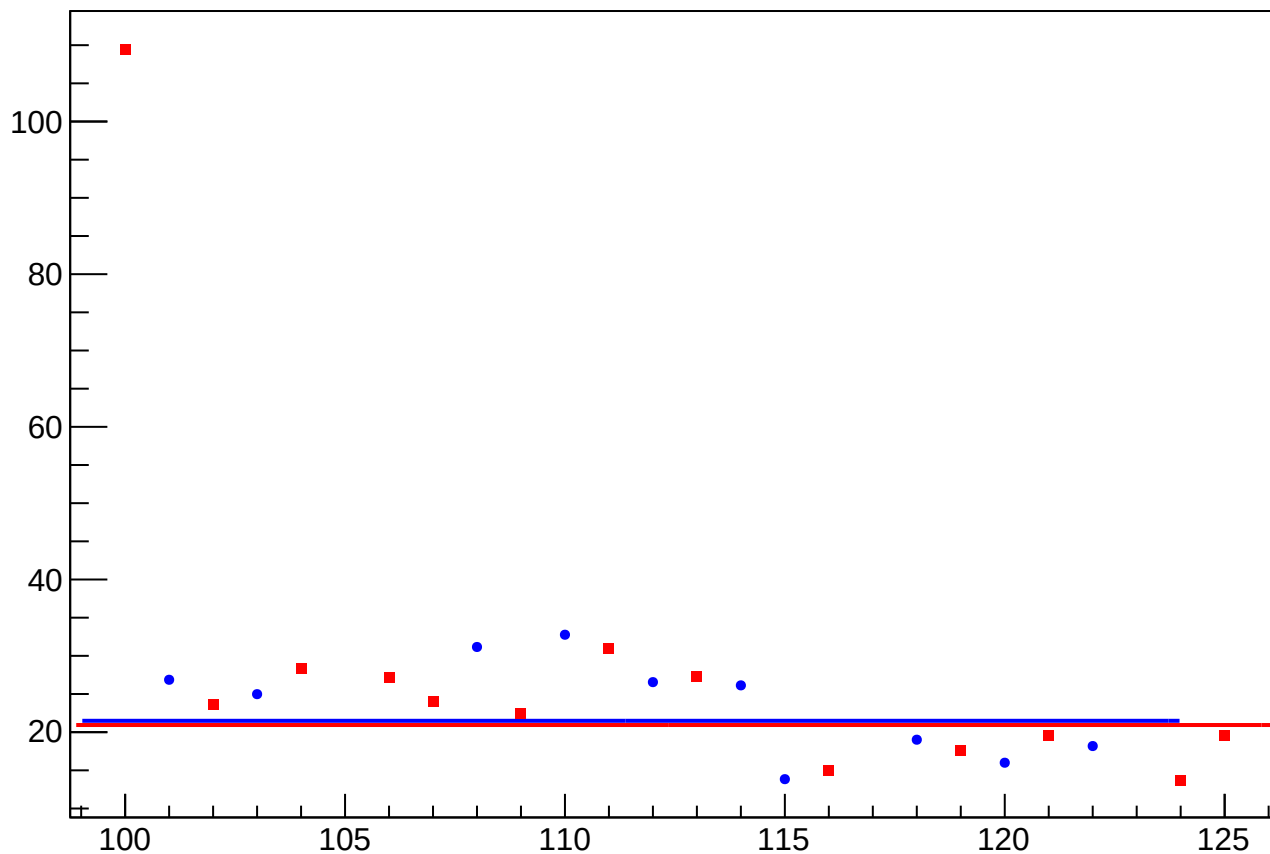
Right: -0.008 ± 0.007 χ^2/NDF : 19.6/22

In: -0.002 ± 0.011 χ^2/NDF : 5.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.008 ± 0.007 χ^2/NDF : 19.6/22

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: 20.938+/-0.007 χ^2/NDF : 565137.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

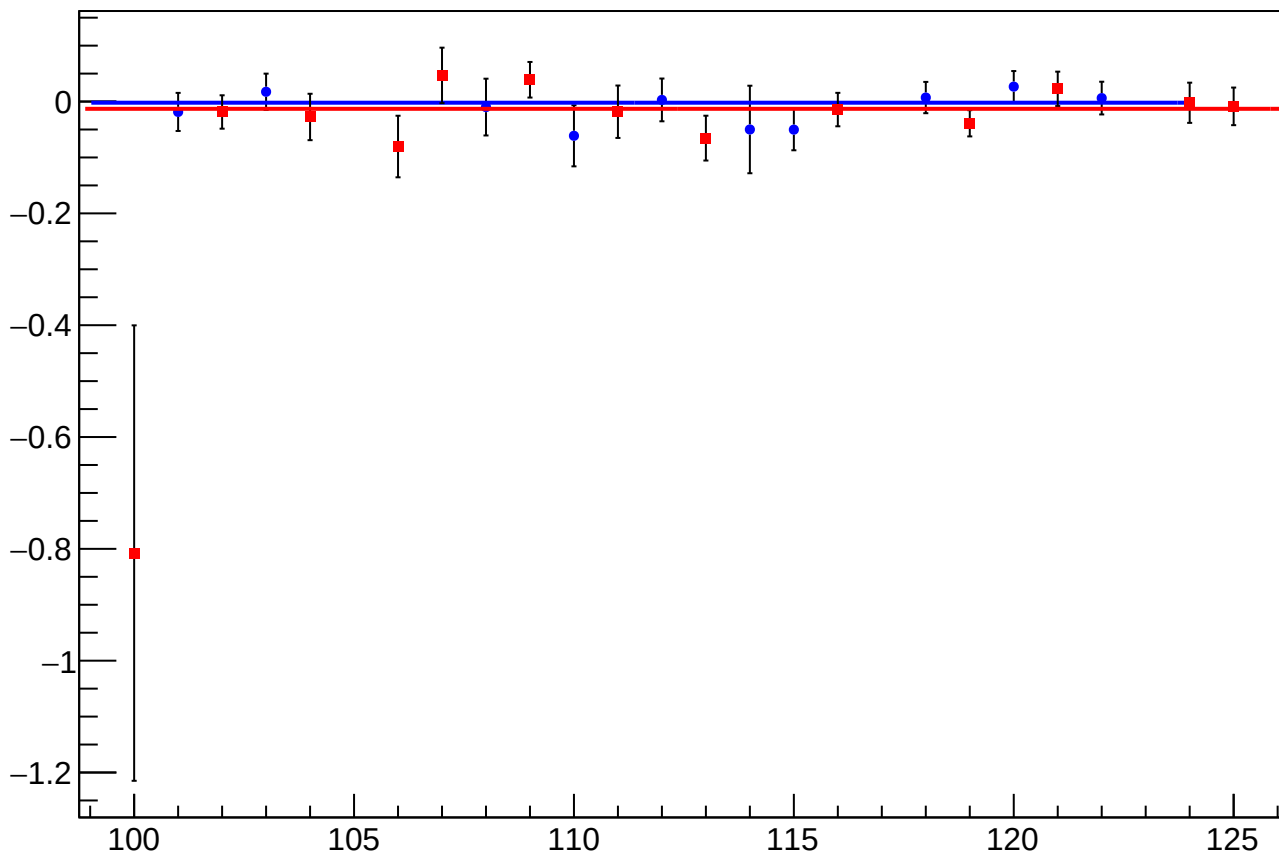
Right: 21.179+/-0.005 χ^2/NDF : 1045364.1/22

In: 21.490+/-0.008 χ^2/NDF : 477523.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.179+/-0.005 χ^2/NDF : 1045364.1/22

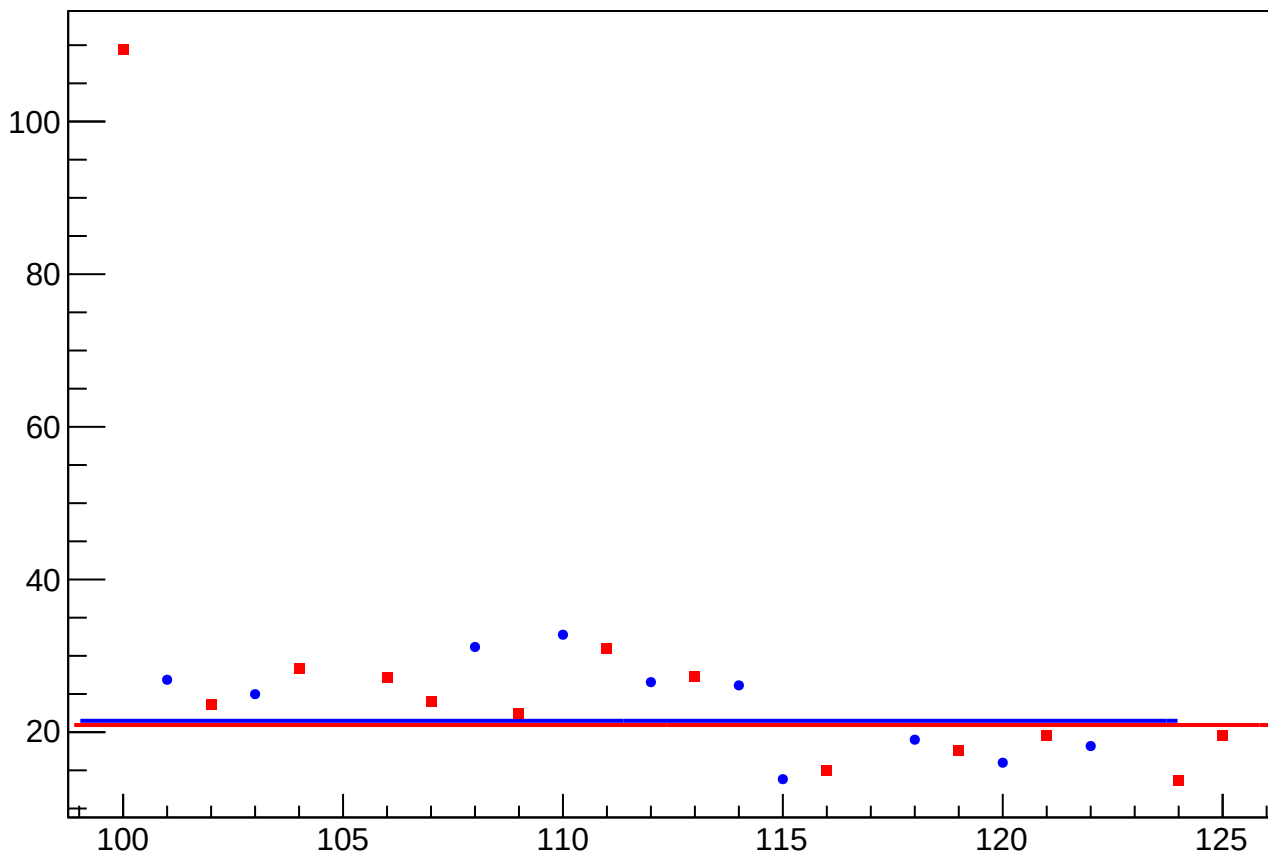
asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 ± 0.011 $\chi^2/\text{NDF}: 5.1/9$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -0.013 ± 0.010 $\chi^2/\text{NDF}: 14.0/12$
 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 ± 0.007 $\chi^2/\text{NDF}: 19.6/22$
 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 ± 0.007 $\chi^2/\text{NDF}: 19.6/22$

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.490 $\pm$ 0.008 χ^2 /NDF: 477523.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 20.938 $\pm$ 0.007 χ^2 /NDF: 565137.3/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

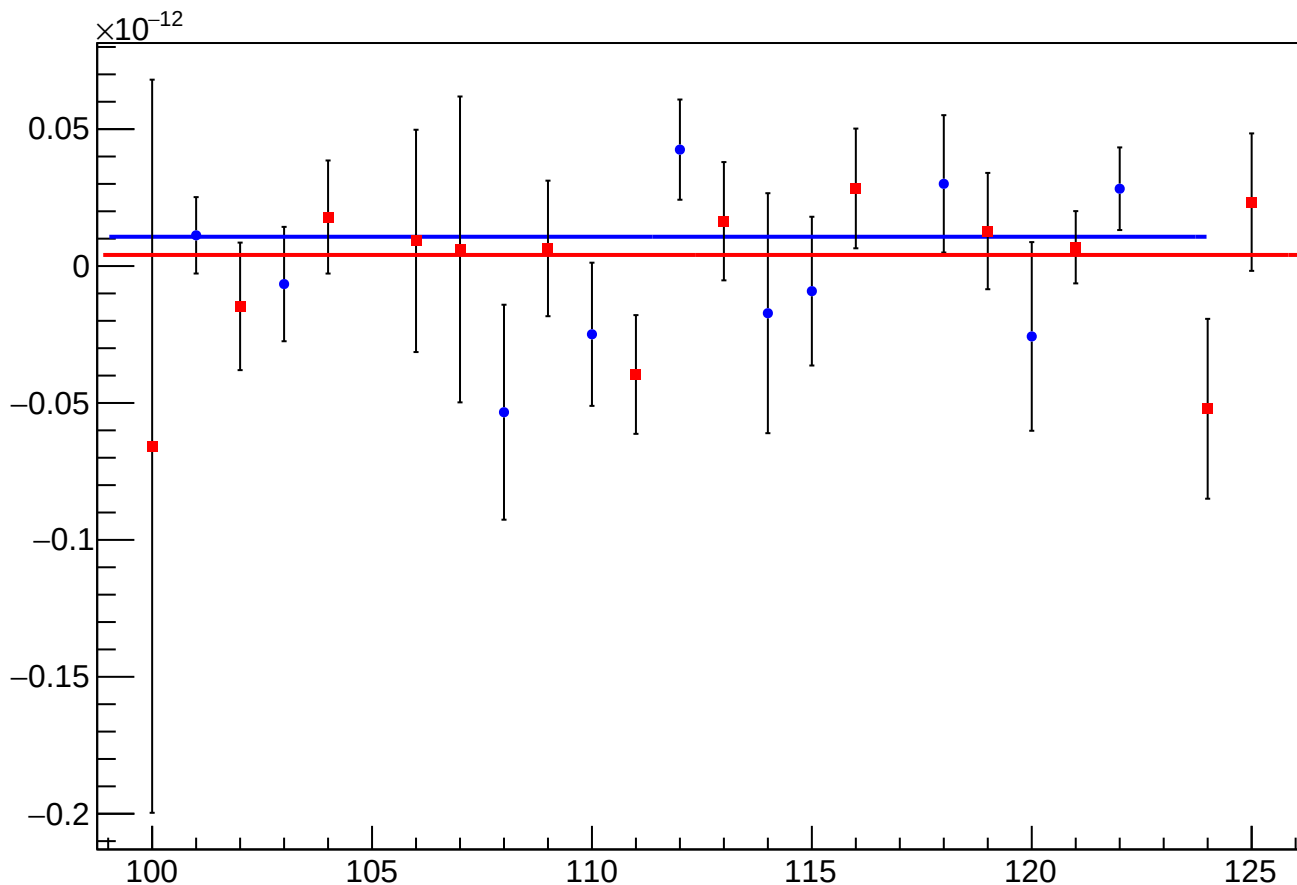
Right: 21.179 $\pm$ 0.005 χ^2 /NDF: 1045364.1/22

In: 21.490 $\pm$ 0.008 χ^2 /NDF:477523.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 21.179 $\pm$ 0.005 χ^2 /NDF: 1045364.1/22

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

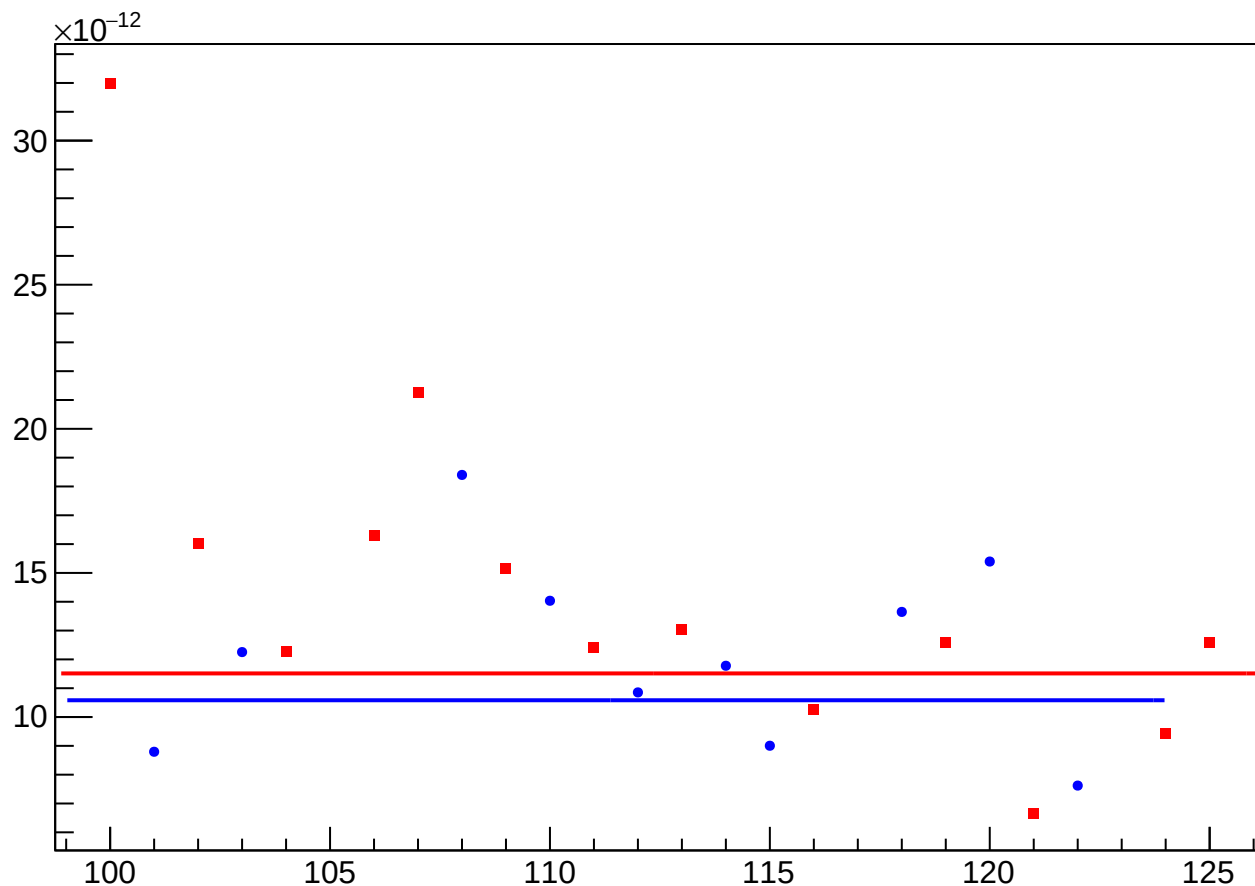
Right: 0.000+/-0.000 χ^2/NDF : 23.5/22

In: 0.000+/-0.000 χ^2/NDF : 12.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.5/22

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 : 565060.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

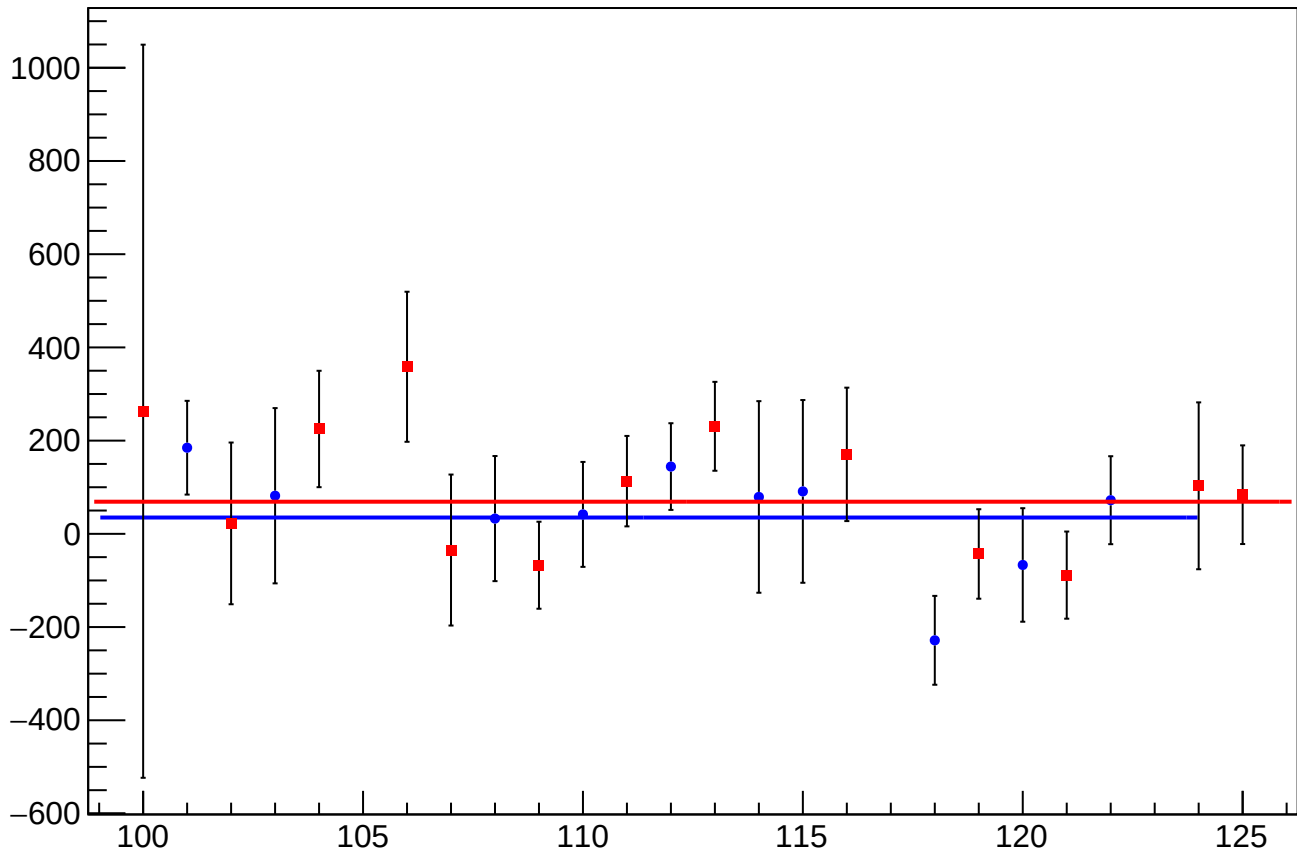
Right: 0.000+/-0.000 χ^2/NDF : 898939.8/22

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 : 898939.8/22

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: 68.953+/-33.357 χ^2/NDF : 15.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

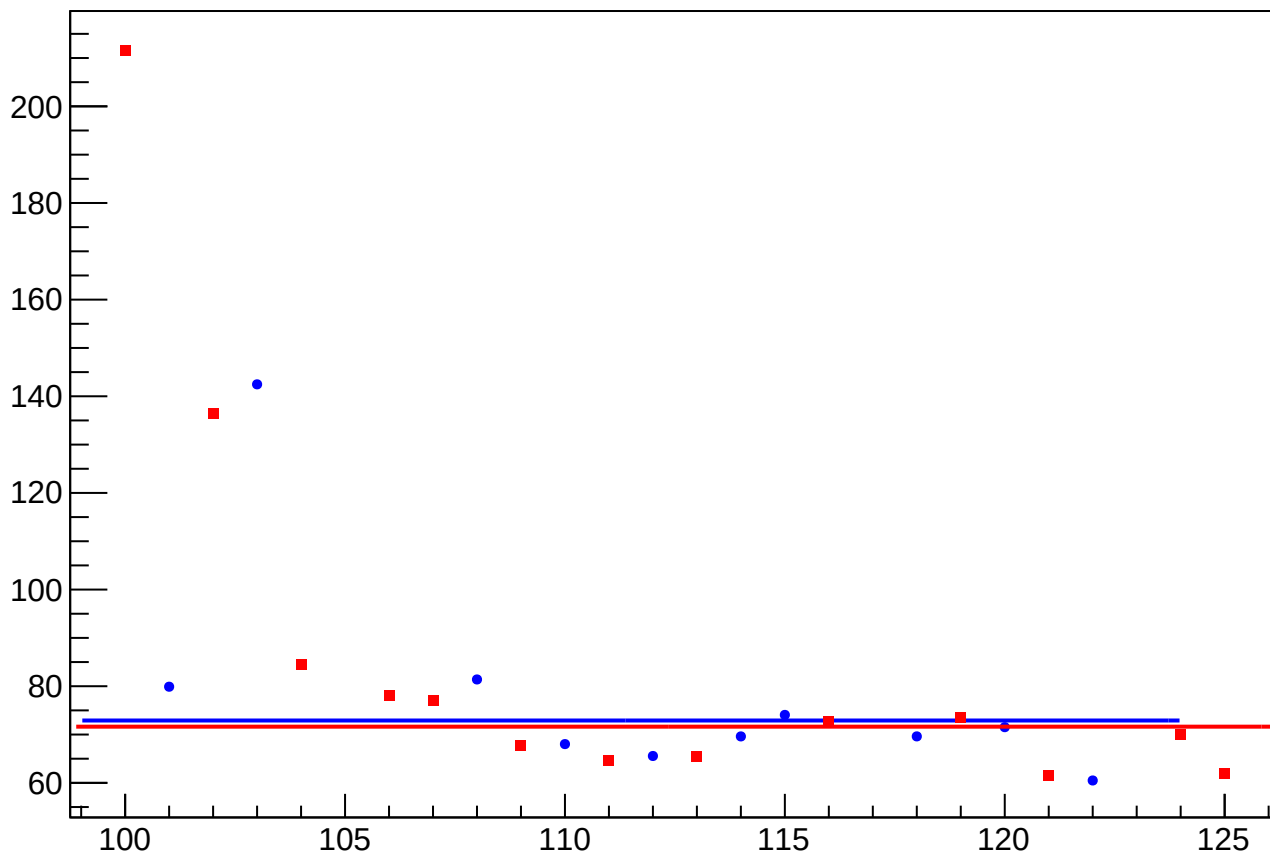
Right: 53.899+/-24.881 χ^2/NDF : 28.1/22

In: 35.019+/-37.356 χ^2/NDF : 12.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.899+/-24.881 χ^2/NDF : 28.1/22

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: 71.630+/-0.024 χ^2/NDF : 432249.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

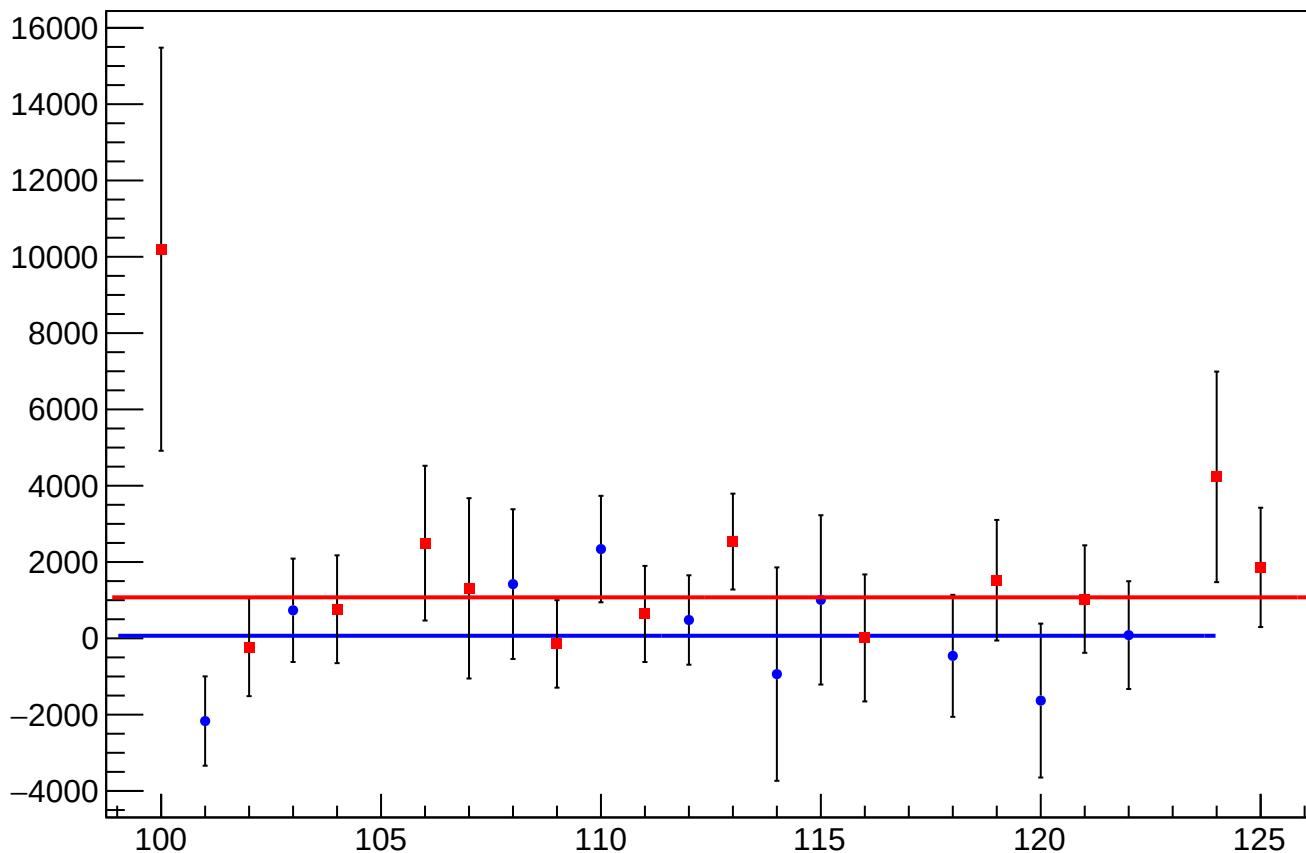
Right: 72.196+/-0.018 χ^2/NDF : 778991.9/22

In: 72.905+/-0.026 χ^2/NDF : 345445.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.196+/-0.018 χ^2/NDF : 778991.9/22

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: 1074.341+/-430.550 χ^2/NDF : 9.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

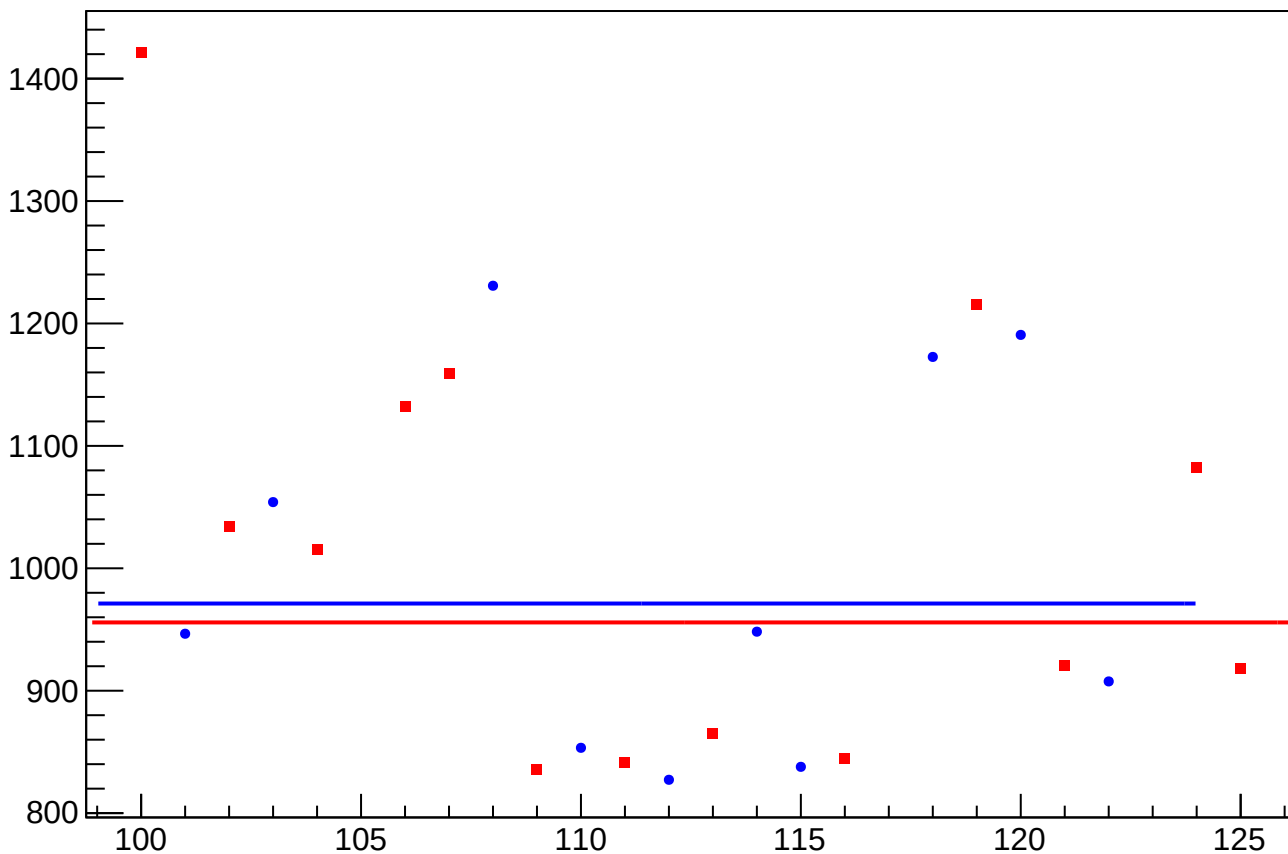
Right: 630.906+/-322.083 χ^2/NDF : 19.9/22

In: 67.412+/-485.347 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 630.906+/-322.083 χ^2/NDF : 19.9/22

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: 955.786+/-0.304 χ^2/NDF : 174970.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

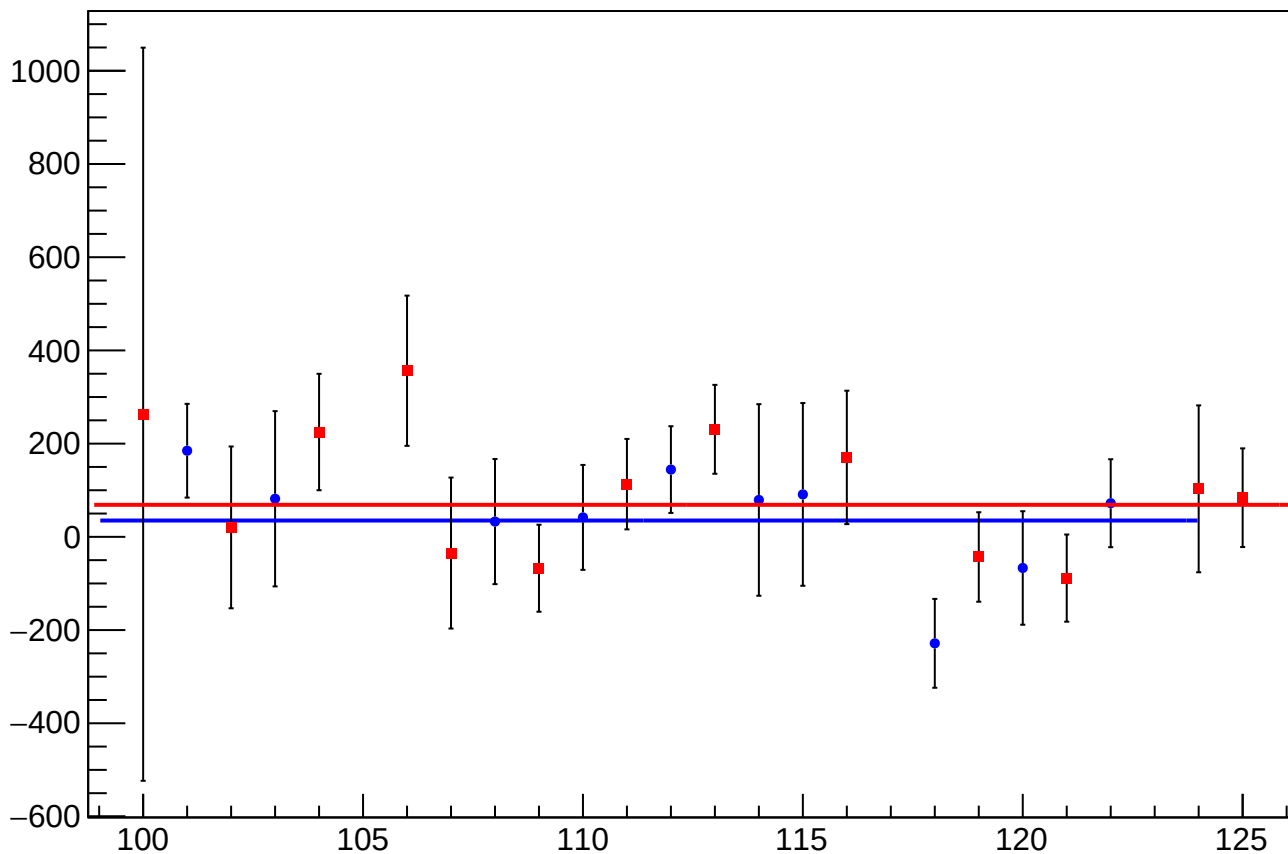
Right: 962.585+/-0.228 χ^2/NDF : 330807.7/22

In: 971.225+/-0.343 χ^2/NDF : 154704.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 962.585+/-0.228 χ^2/NDF : 330807.7/22

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: 68.754+/-33.359 χ^2/NDF : 15.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

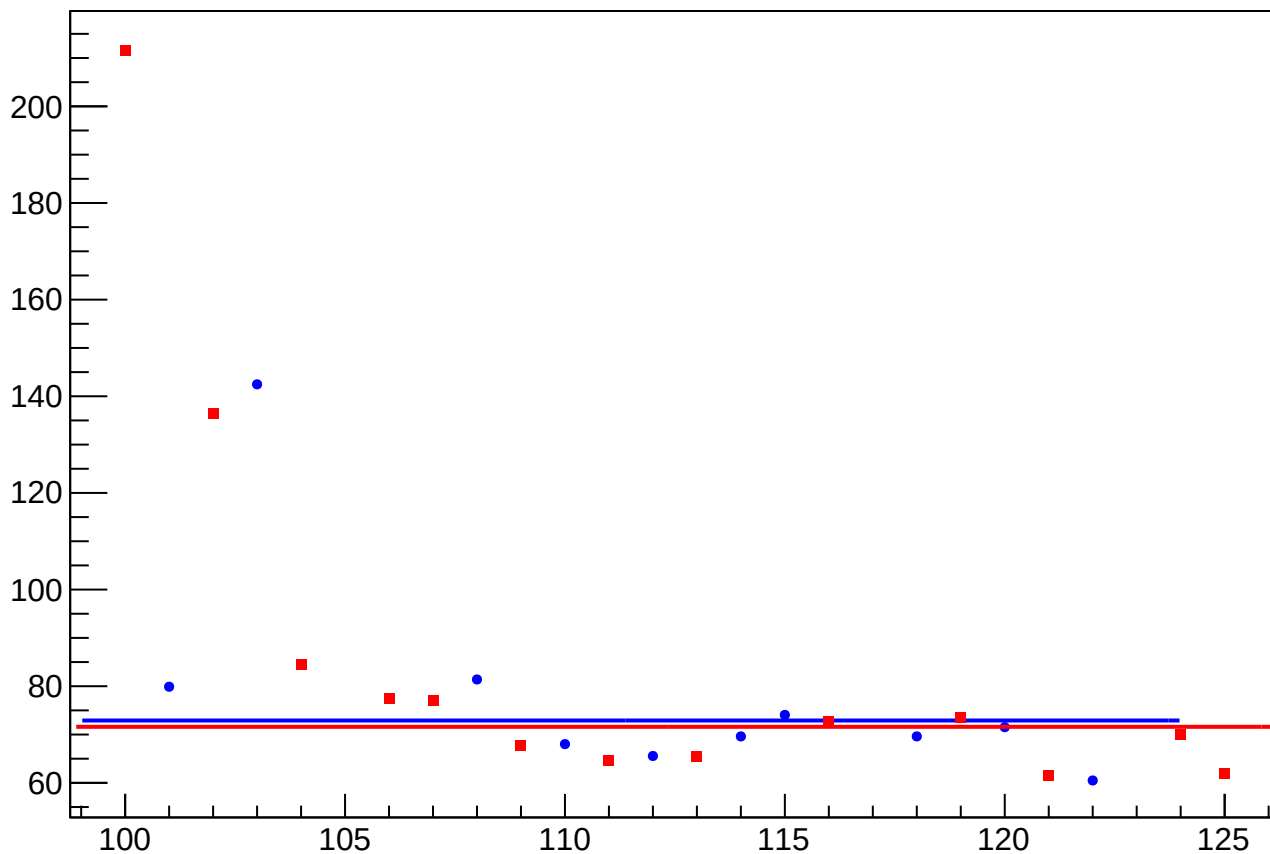
Right: 53.782+/-24.882 χ^2/NDF : 28.0/22

In: 35.009+/-37.356 χ^2/NDF : 12.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.782+/-24.882 χ^2/NDF : 28.0/22

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: 71.600+/-0.024 χ^2/NDF : 431855.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

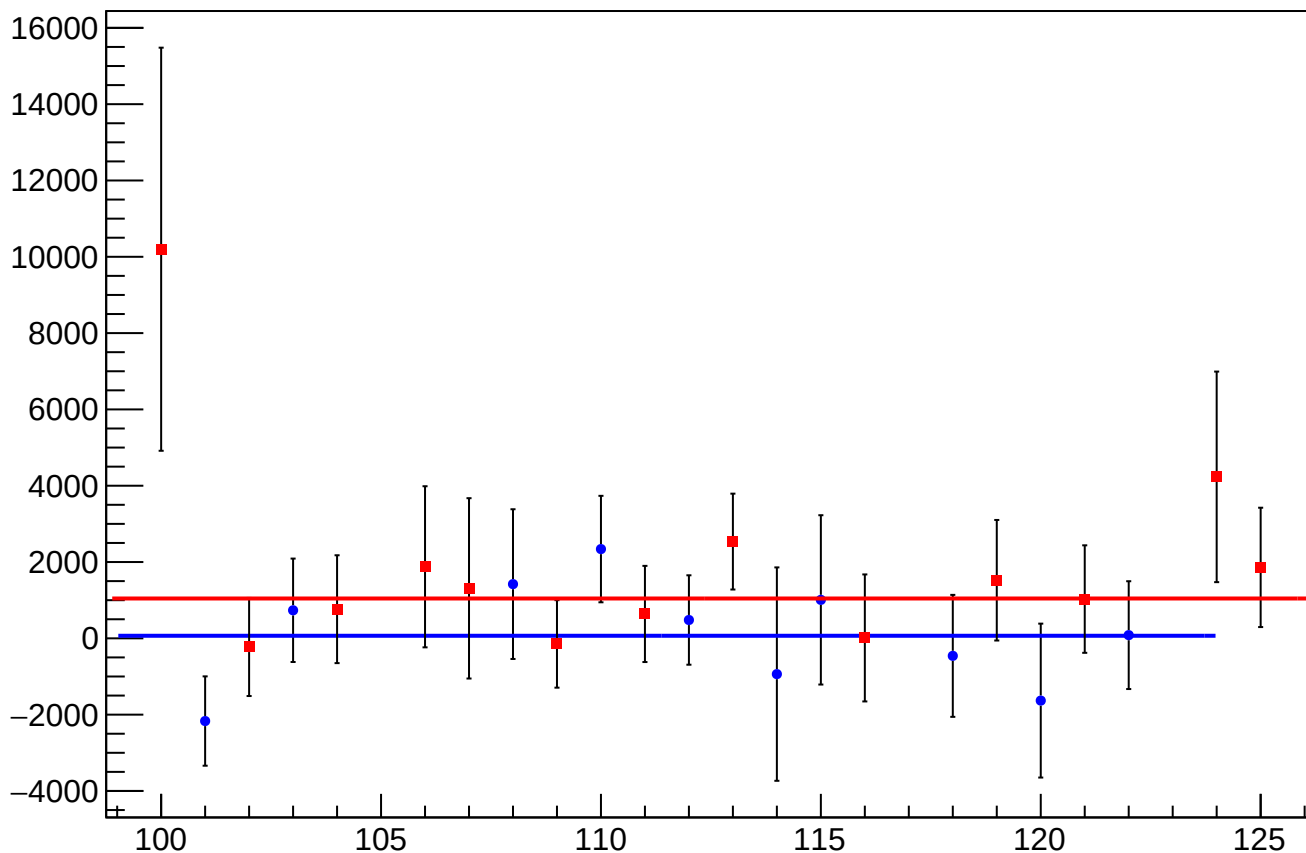
Right: 72.179+/-0.018 χ^2/NDF : 778663.7/22

In: 72.905+/-0.026 χ^2/NDF : 345448.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.179+/-0.018 χ^2/NDF : 778663.7/22

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: 1044.282+/-431.341 χ^2/NDF : 8.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

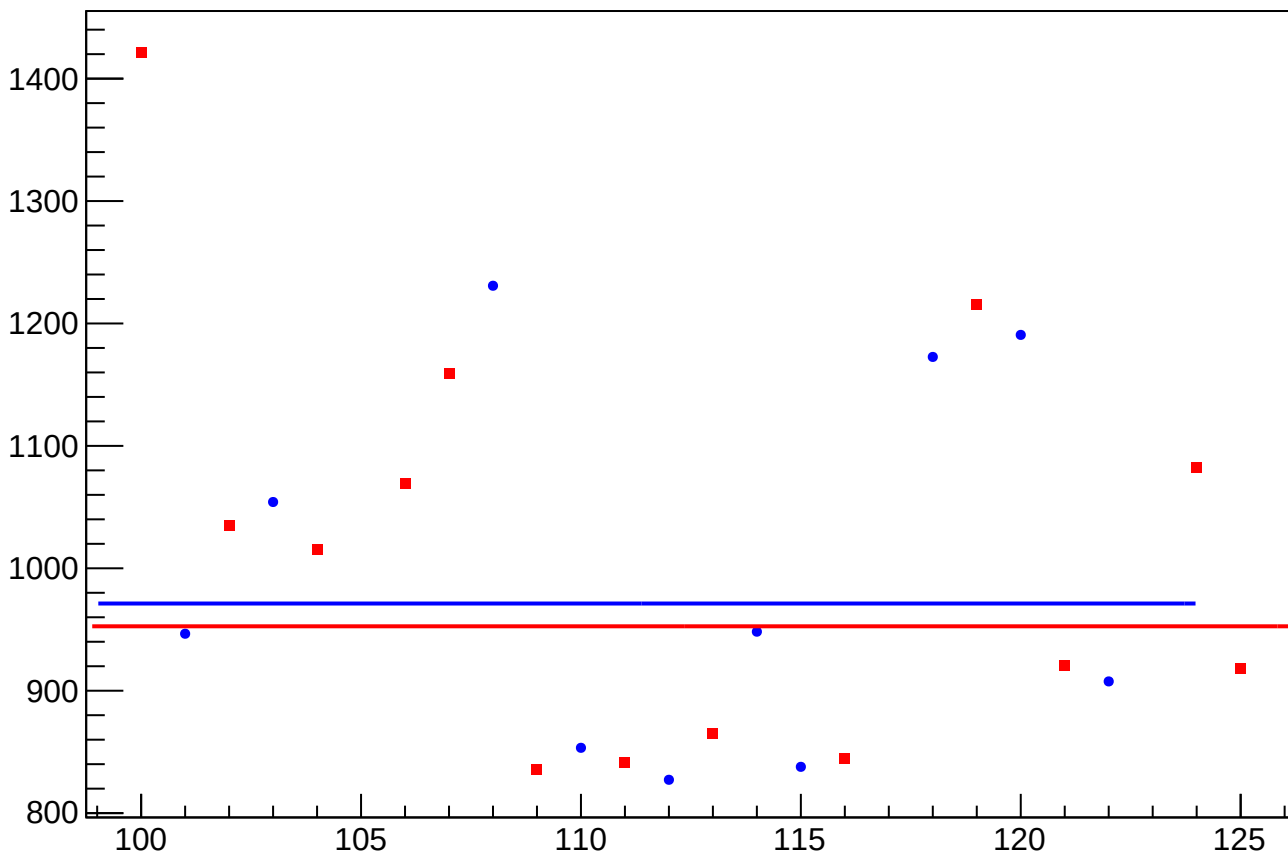
Right: 613.232+/-322.416 χ^2/NDF : 19.4/22

In: 67.473+/-485.352 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 613.232+/-322.416 χ^2/NDF : 19.4/22

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: 952.623+/-0.305 χ^2/NDF : 165672.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

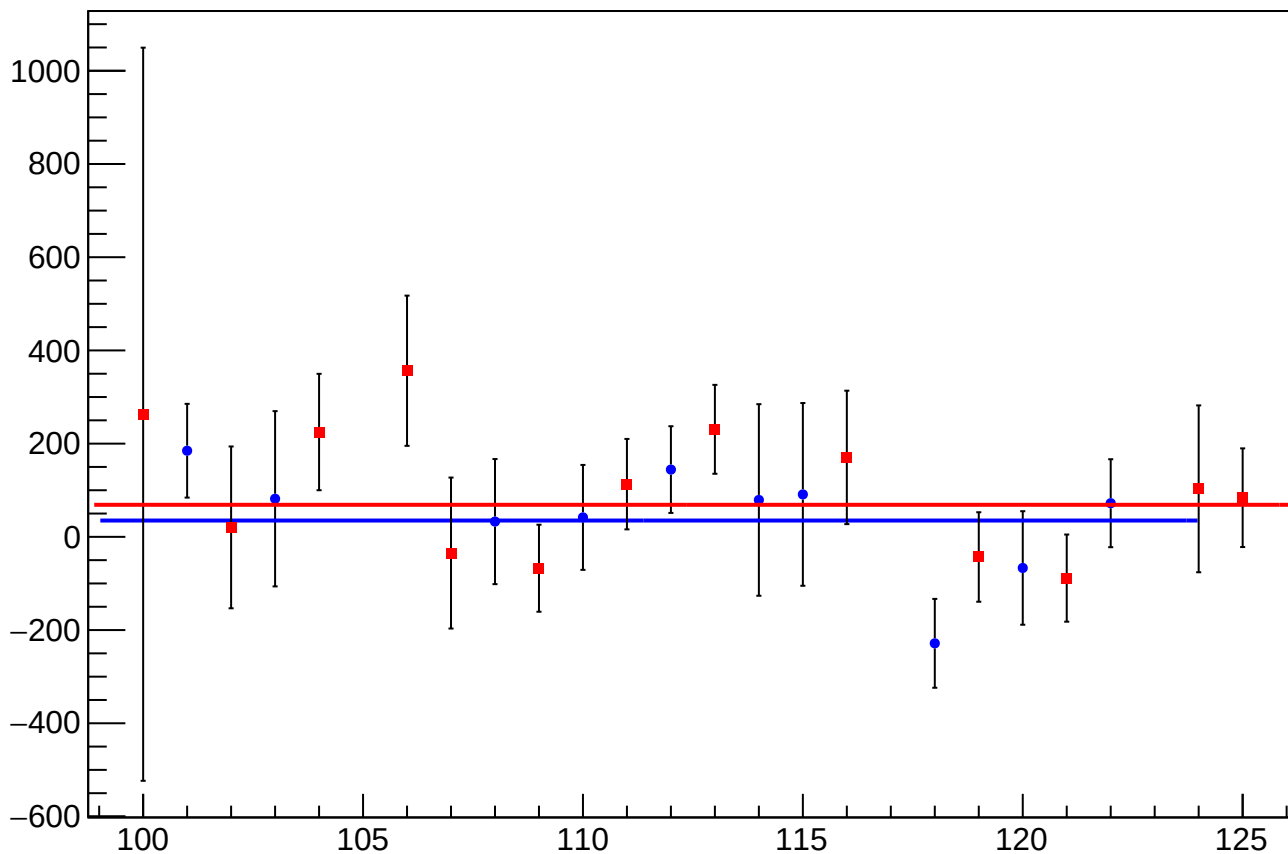
Right: 960.836+/-0.228 χ^2/NDF : 322033.6/22

In: 971.234+/-0.343 χ^2/NDF : 154718.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 960.836+/-0.228 χ^2/NDF : 322033.6/22

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: 68.754+/-33.359 χ^2/NDF : 15.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

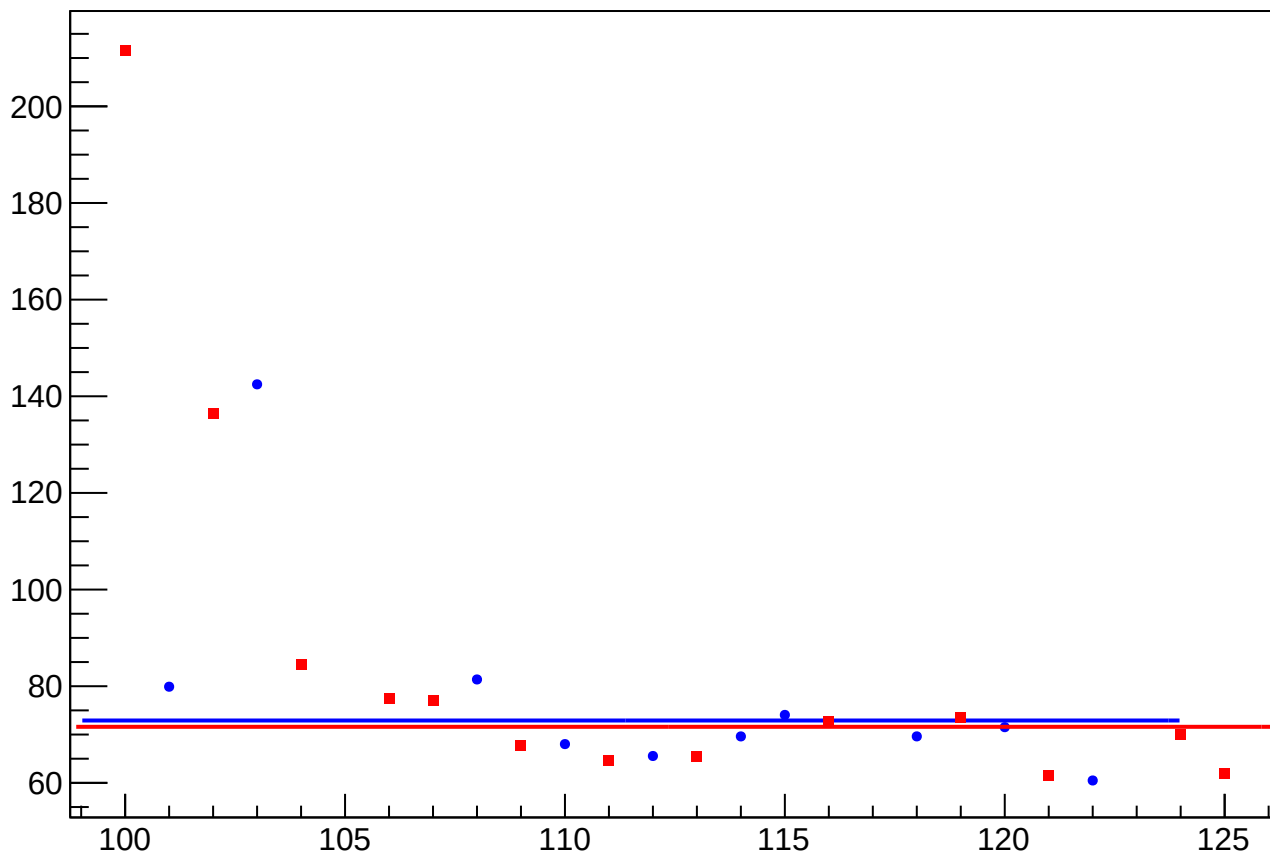
Right: 53.782+/-24.882 χ^2/NDF : 28.0/22

In: 35.009+/-37.356 χ^2/NDF : 12.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.782+/-24.882 χ^2/NDF : 28.0/22

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: 71.600+/-0.024 χ^2/NDF : 431855.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

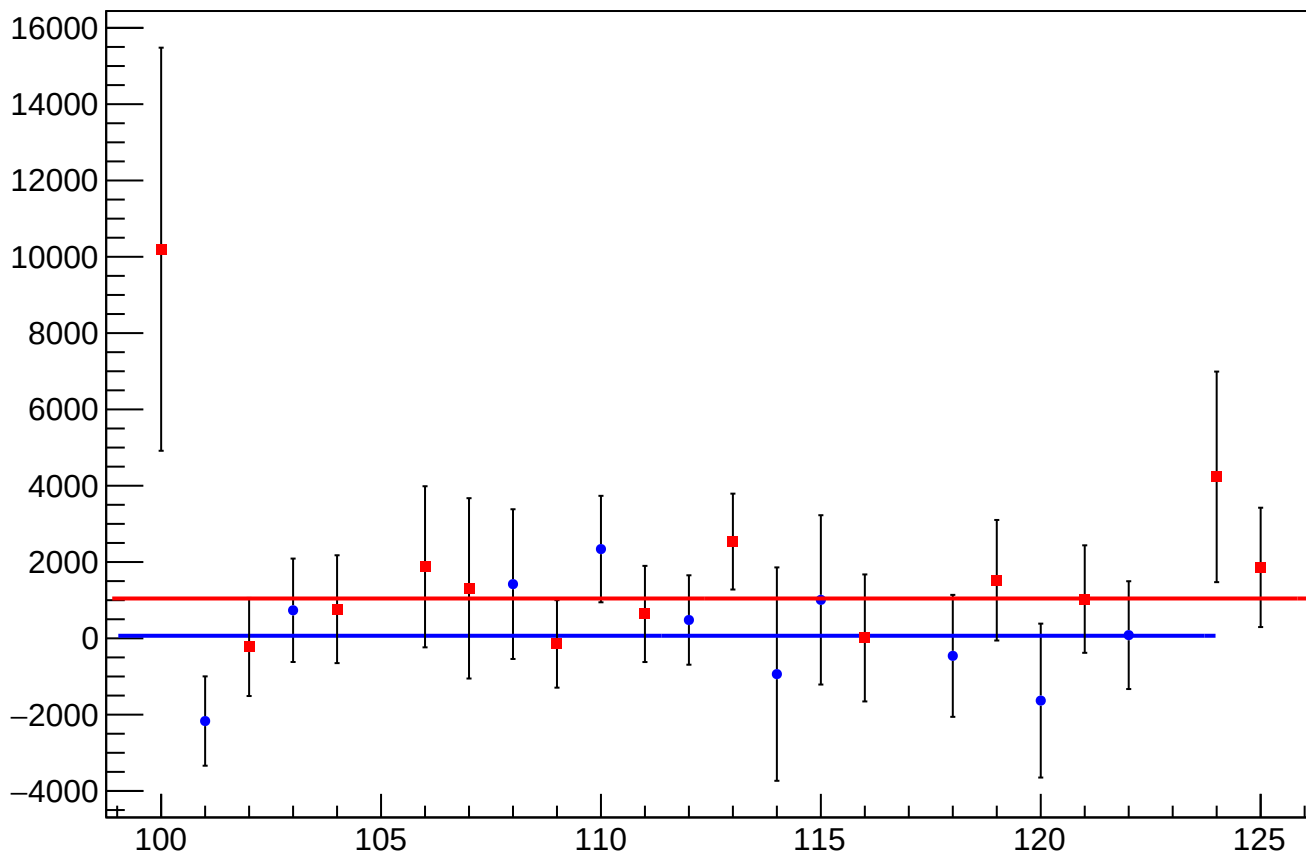
Right: 72.179+/-0.018 χ^2/NDF : 778663.7/22

In: 72.905+/-0.026 χ^2/NDF : 345448.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.179+/-0.018 χ^2/NDF : 778663.7/22

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: 1044.282+/-431.341 χ^2/NDF : 8.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

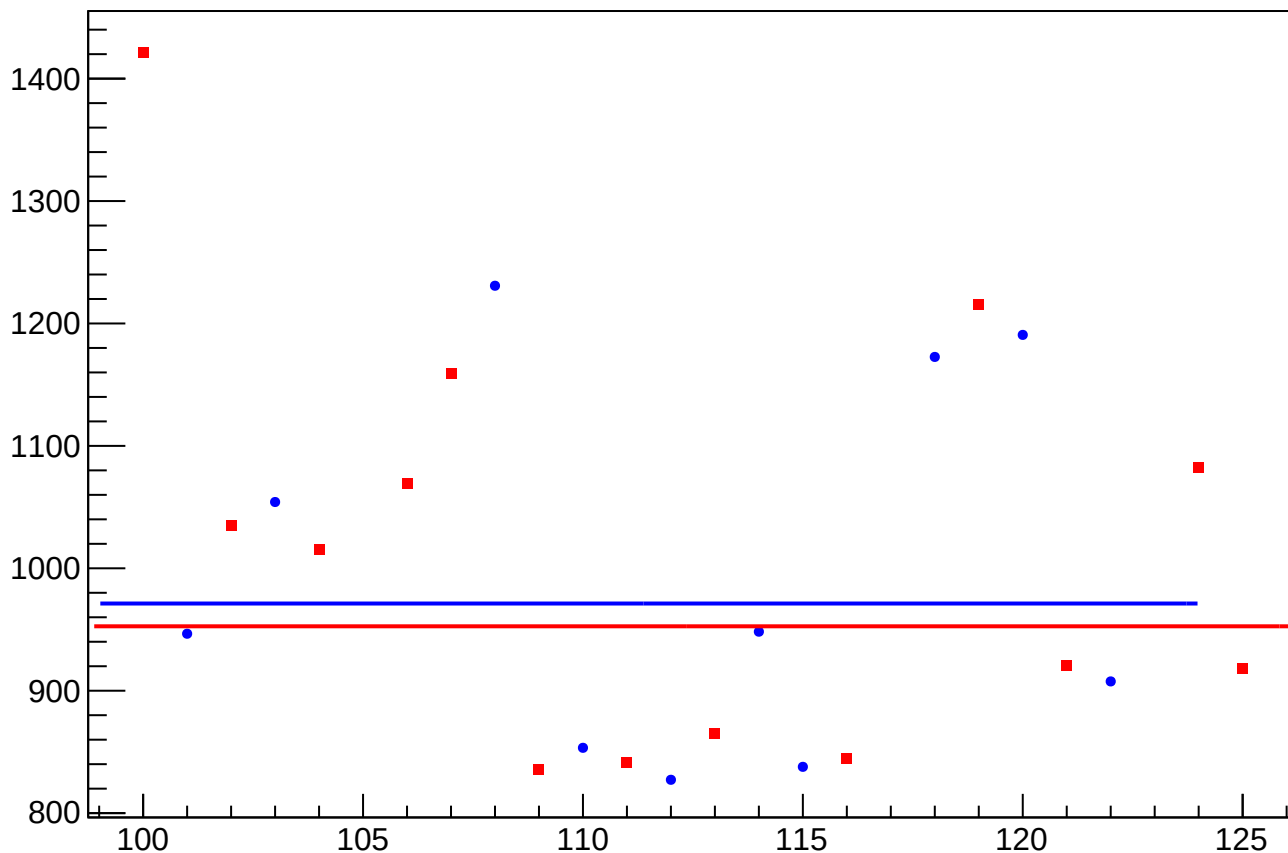
Right: 613.232+/-322.416 χ^2/NDF : 19.4/22

In: 67.473+/-485.352 χ^2/NDF : 8.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 613.232+/-322.416 χ^2/NDF : 19.4/22

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: 952.623+/-0.305 χ^2/NDF : 165672.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

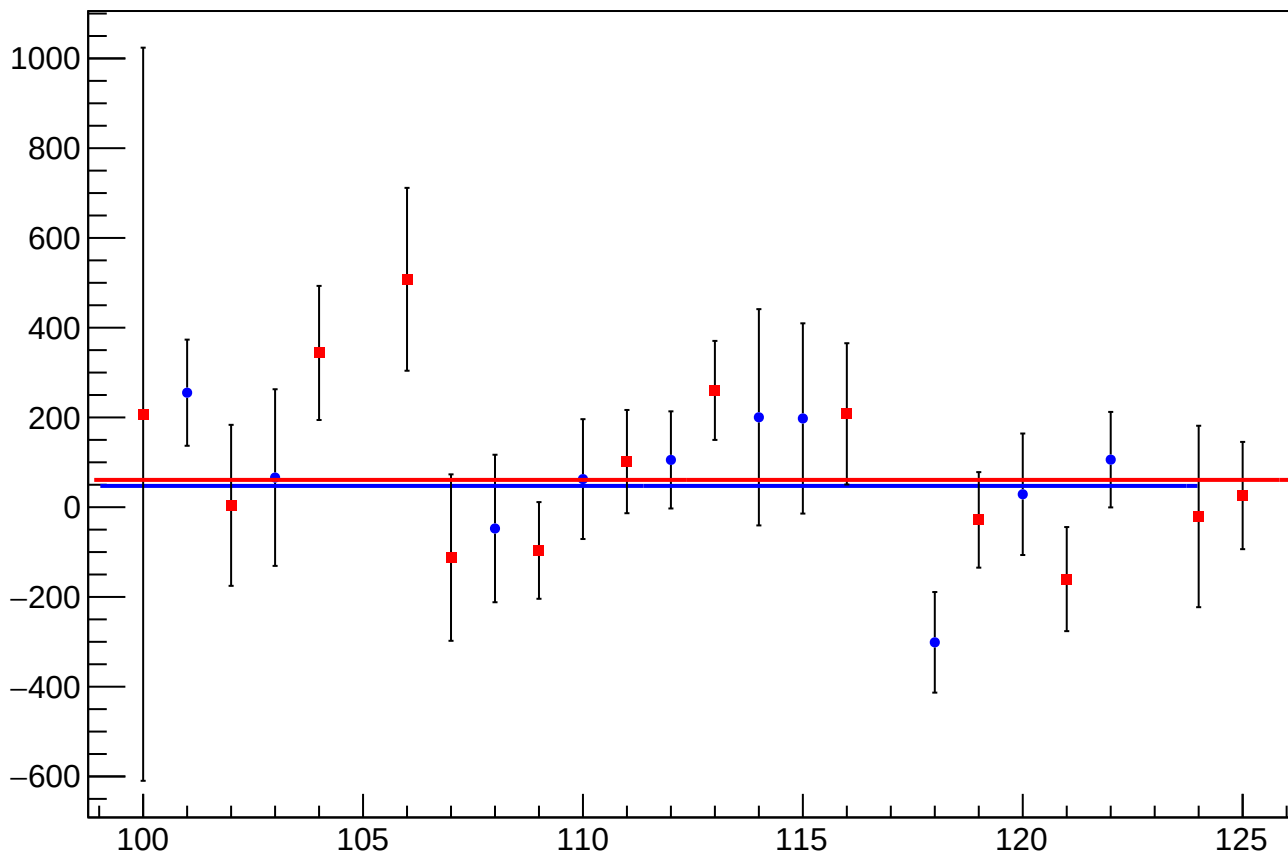
Right: 960.836+/-0.228 χ^2/NDF : 322033.6/22

In: 971.234+/-0.343 χ^2/NDF : 154718.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 960.836+/-0.228 χ^2/NDF : 322033.6/22

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: 60.827+/-38.580 χ^2/NDF : 20.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

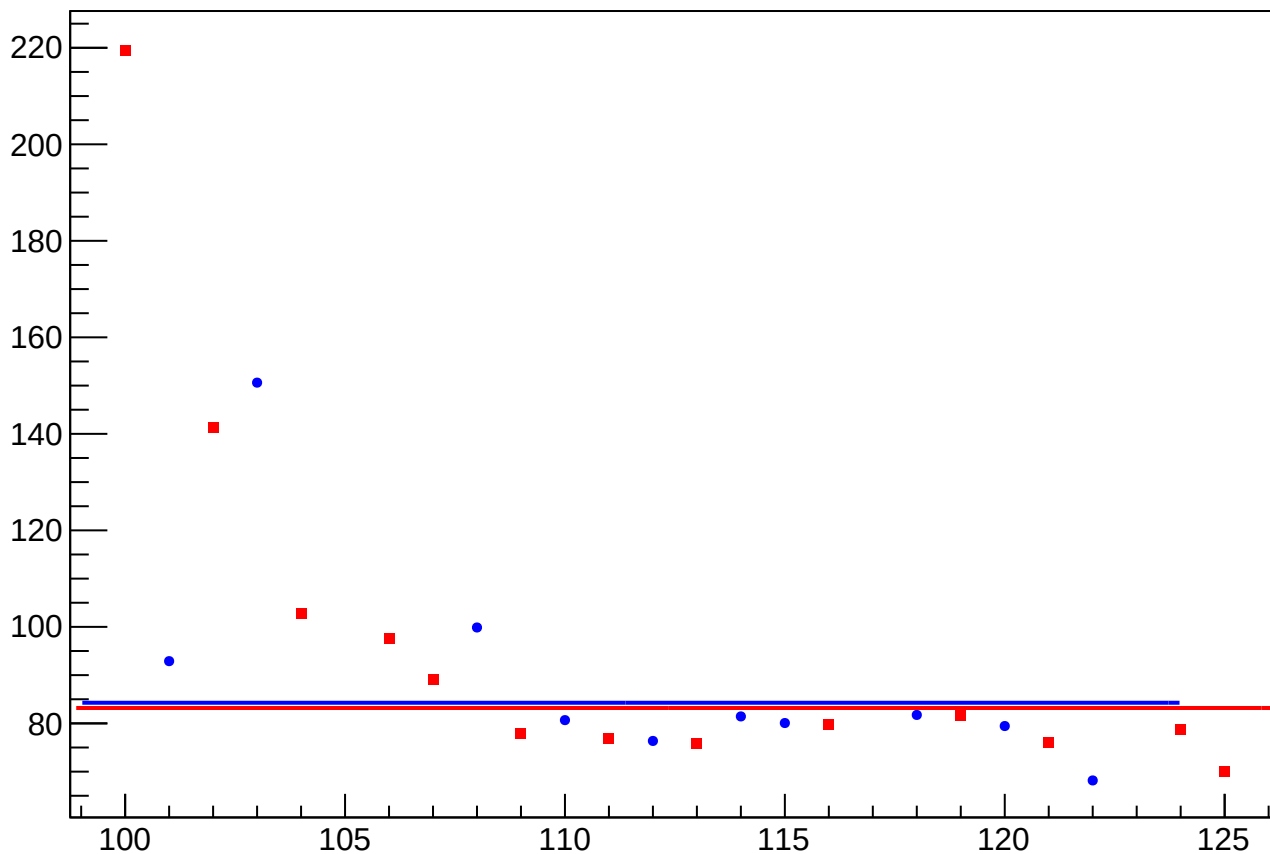
Right: 54.868+/-28.753 χ^2/NDF : 35.1/22

In: 47.422+/-43.124 χ^2/NDF : 14.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.868+/-28.753 χ^2/NDF : 35.1/22

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: 83.192+/-0.027 χ^2/NDF : 365988.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

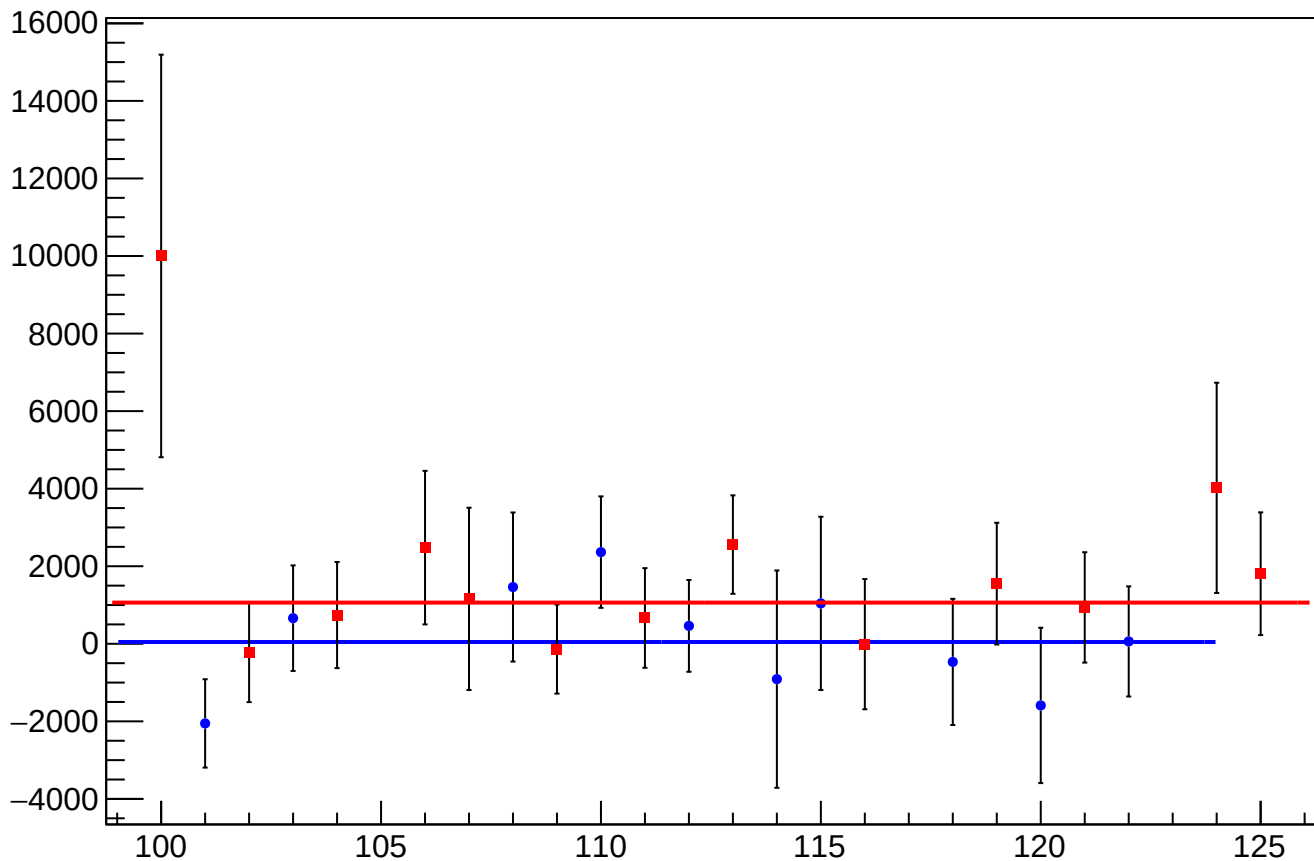
Right: 83.674+/-0.020 χ^2/NDF : 685080.7/22

In: 84.277+/-0.030 χ^2/NDF : 318388.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.674+/-0.020 χ^2/NDF : 685080.7/22

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: 1062.462+/-430.812 χ^2/NDF : 9.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

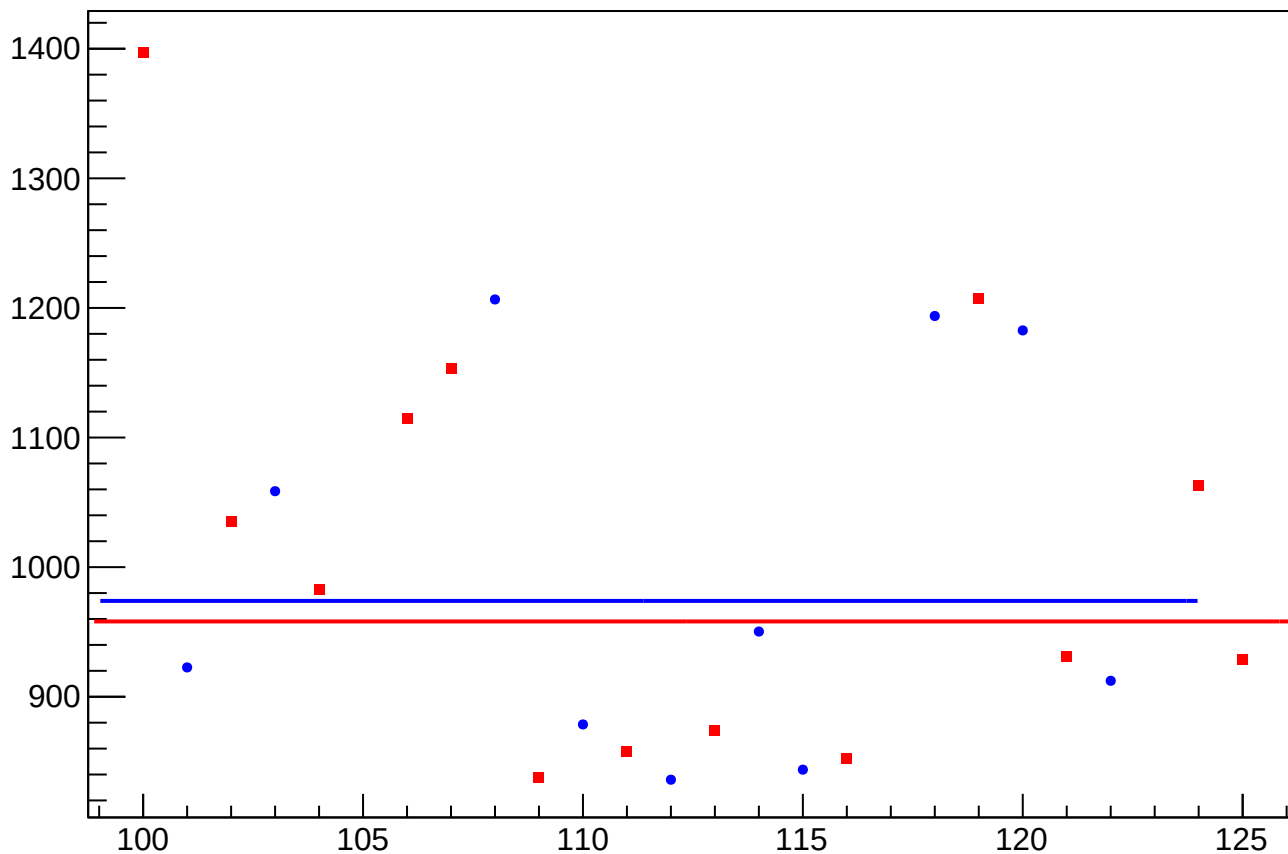
Right: 615.537+/-322.439 χ^2/NDF : 19.4/22

In: 46.335+/-486.188 χ^2/NDF : 8.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 615.537+/-322.439 χ^2/NDF : 19.4/22

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: 958.107+/-0.305 χ^2/NDF : 154110.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

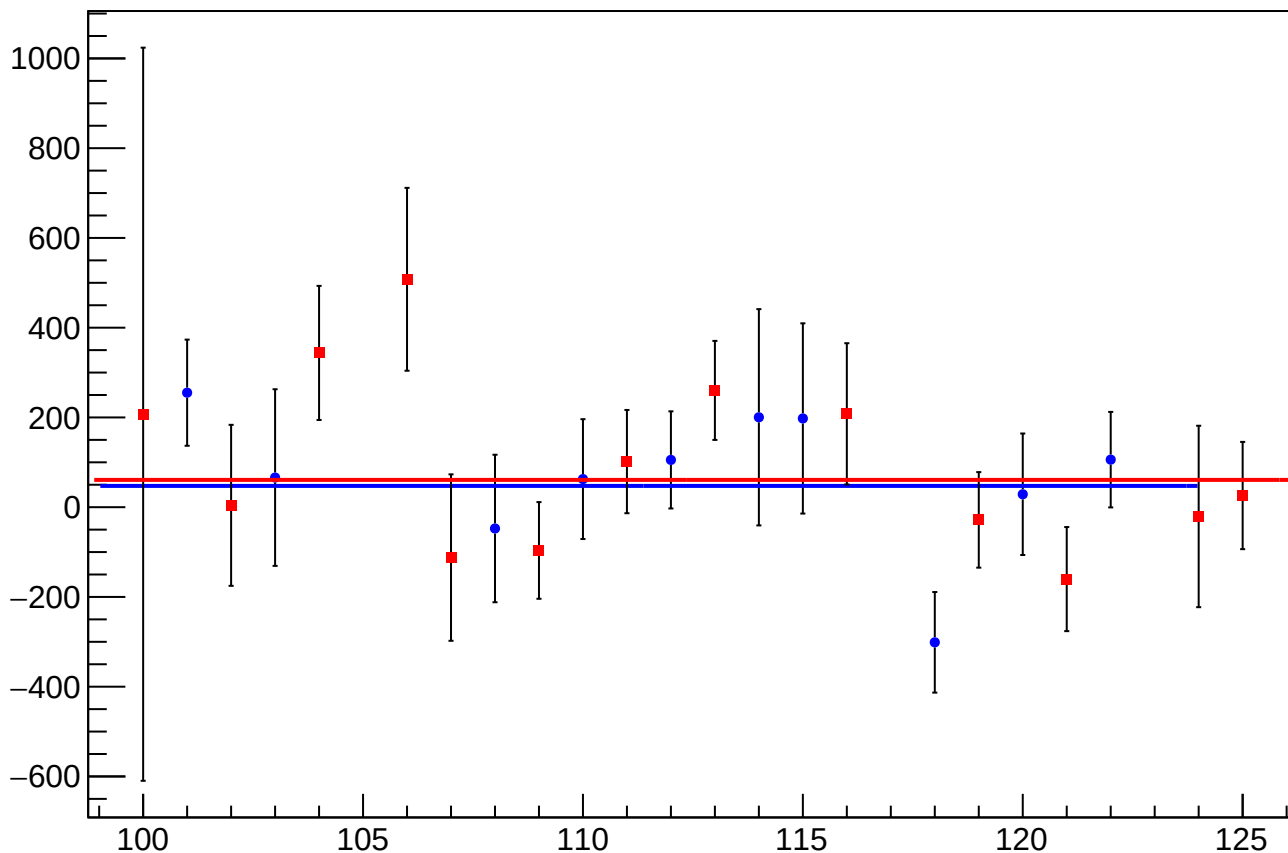
Right: 965.079+/-0.228 χ^2/NDF : 301344.4/22

In: 973.958+/-0.344 χ^2/NDF :146043.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 965.079+/-0.228 χ^2/NDF : 301344.4/22

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: 60.824+/-38.580 χ^2/NDF : 20.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

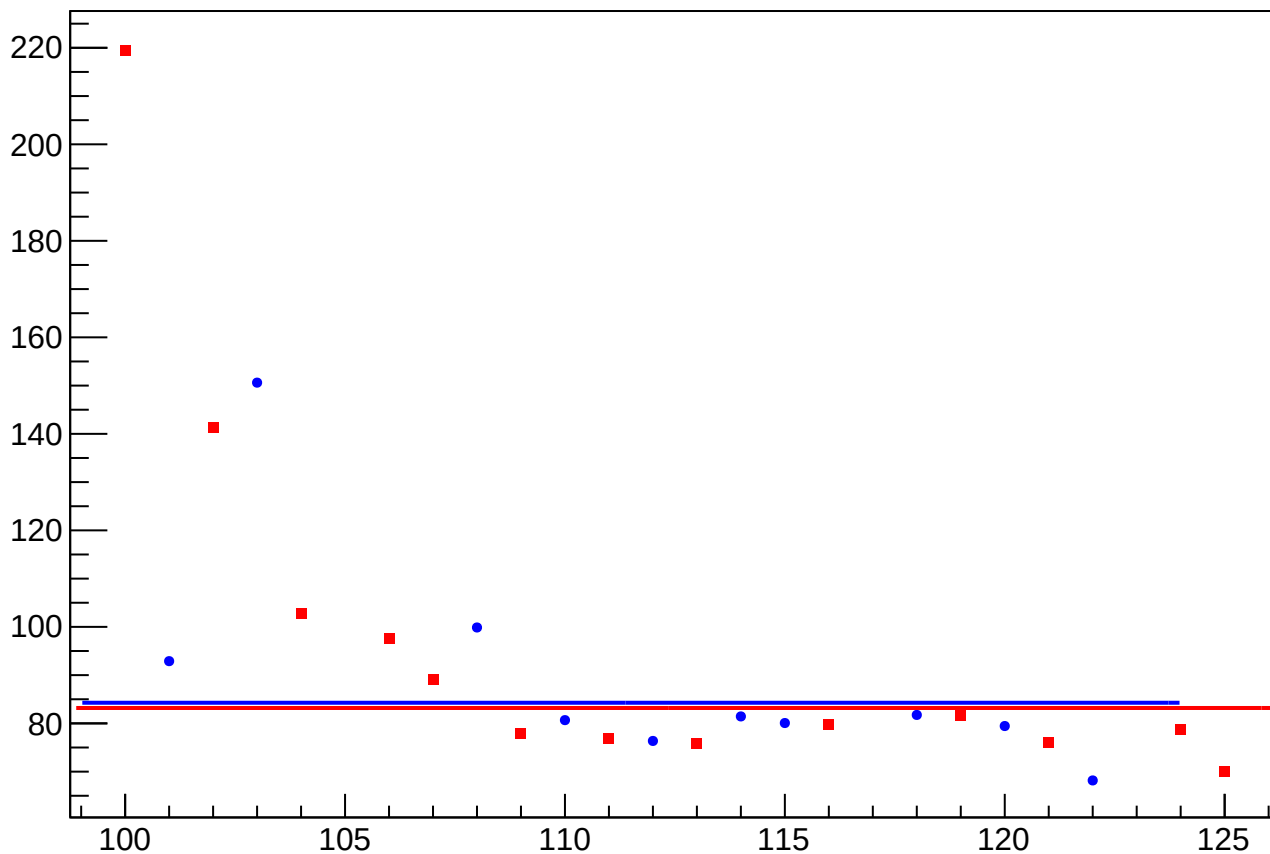
Right: 54.866+/-28.753 χ^2/NDF : 35.1/22

In: 47.421+/-43.124 χ^2/NDF :14.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 54.866+/-28.753 χ^2/NDF : 35.1/22

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: 83.192+/-0.027 χ^2/NDF : 365996.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

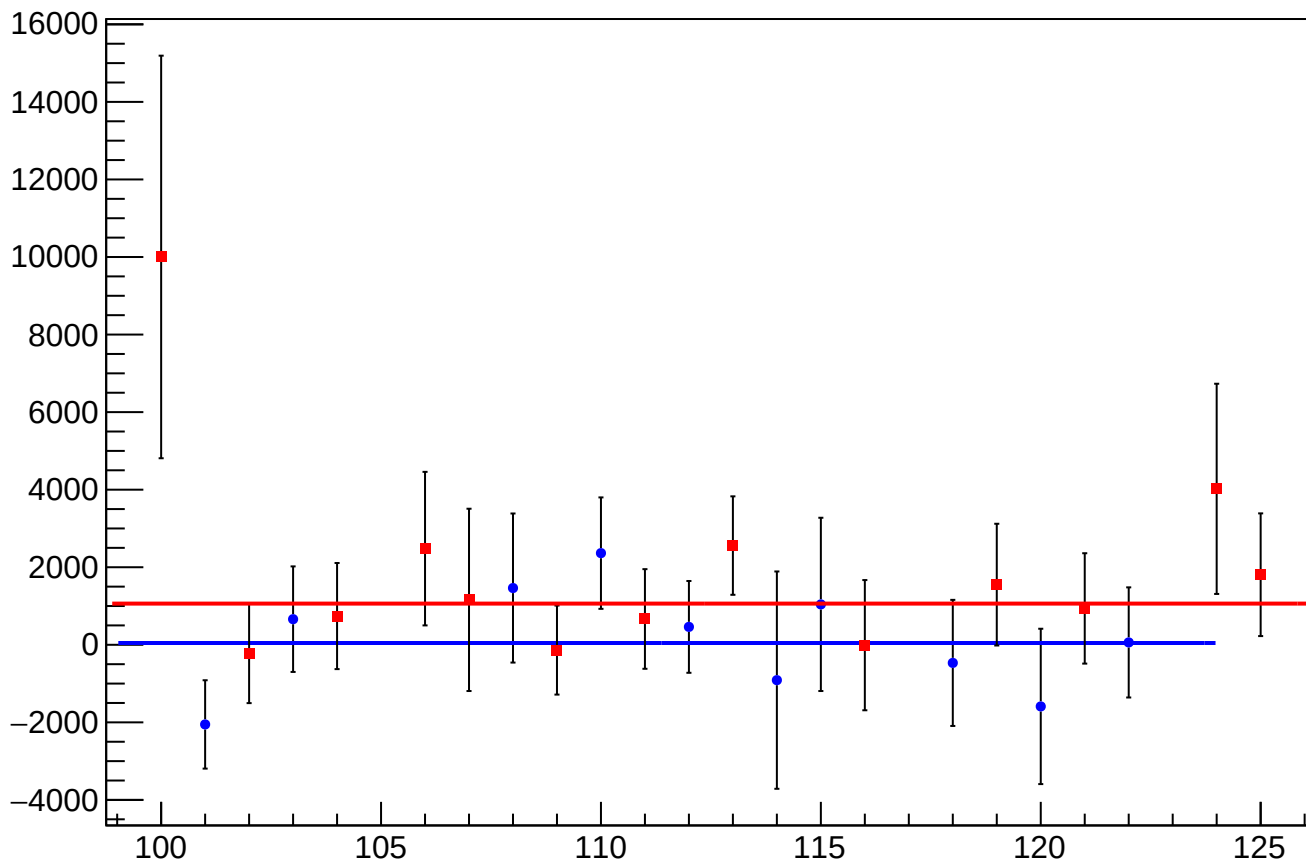
Right: 83.674+/-0.020 χ^2/NDF : 685091.7/22

In: 84.277+/-0.030 χ^2/NDF : 318391.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.674+/-0.020 χ^2/NDF : 685091.7/22

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: 1062.460+/-430.811 χ^2/NDF : 9.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

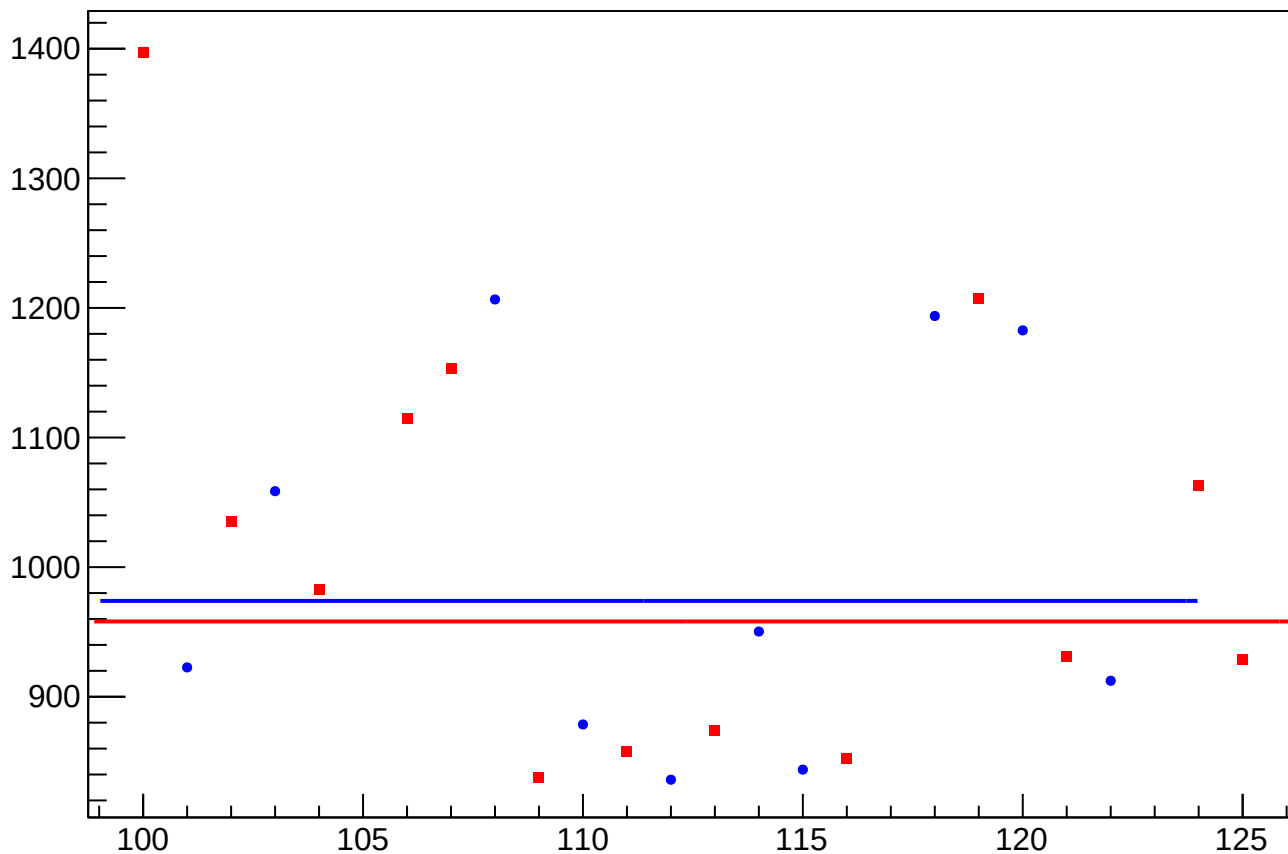
Right: 615.536+/-322.438 χ^2/NDF : 19.4/22

In: 46.336+/-486.186 χ^2/NDF : 8.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 615.536+/-322.438 χ^2/NDF : 19.4/22

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: 958.105+/-0.305 χ^2/NDF : 154112.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

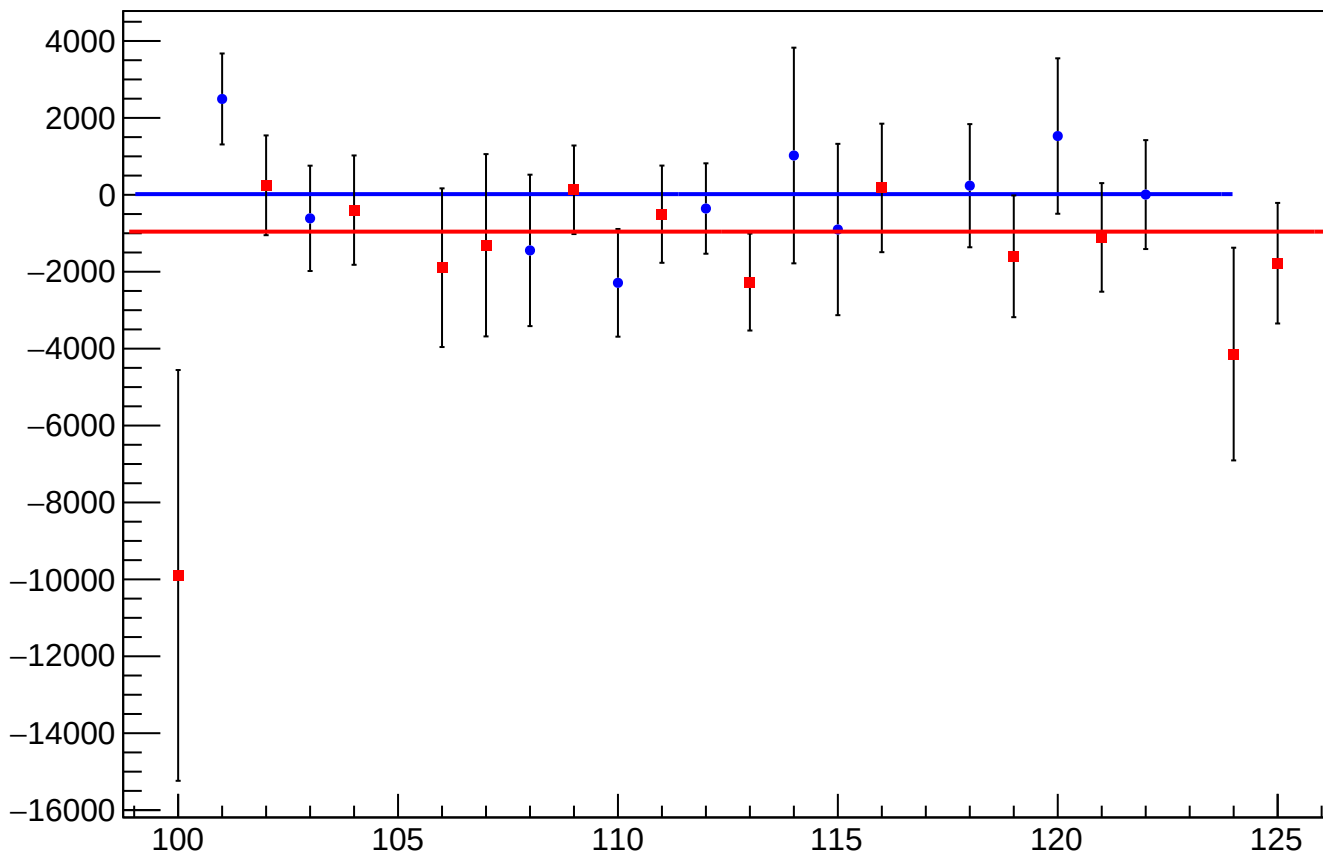
Right: 965.076+/-0.228 χ^2/NDF : 301349.2/22

In: 973.956+/-0.344 χ^2/NDF : 146045.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 965.076+/-0.228 χ^2/NDF : 301349.2/22

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: -957.417+/-432.605 χ^2/NDF : 8.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

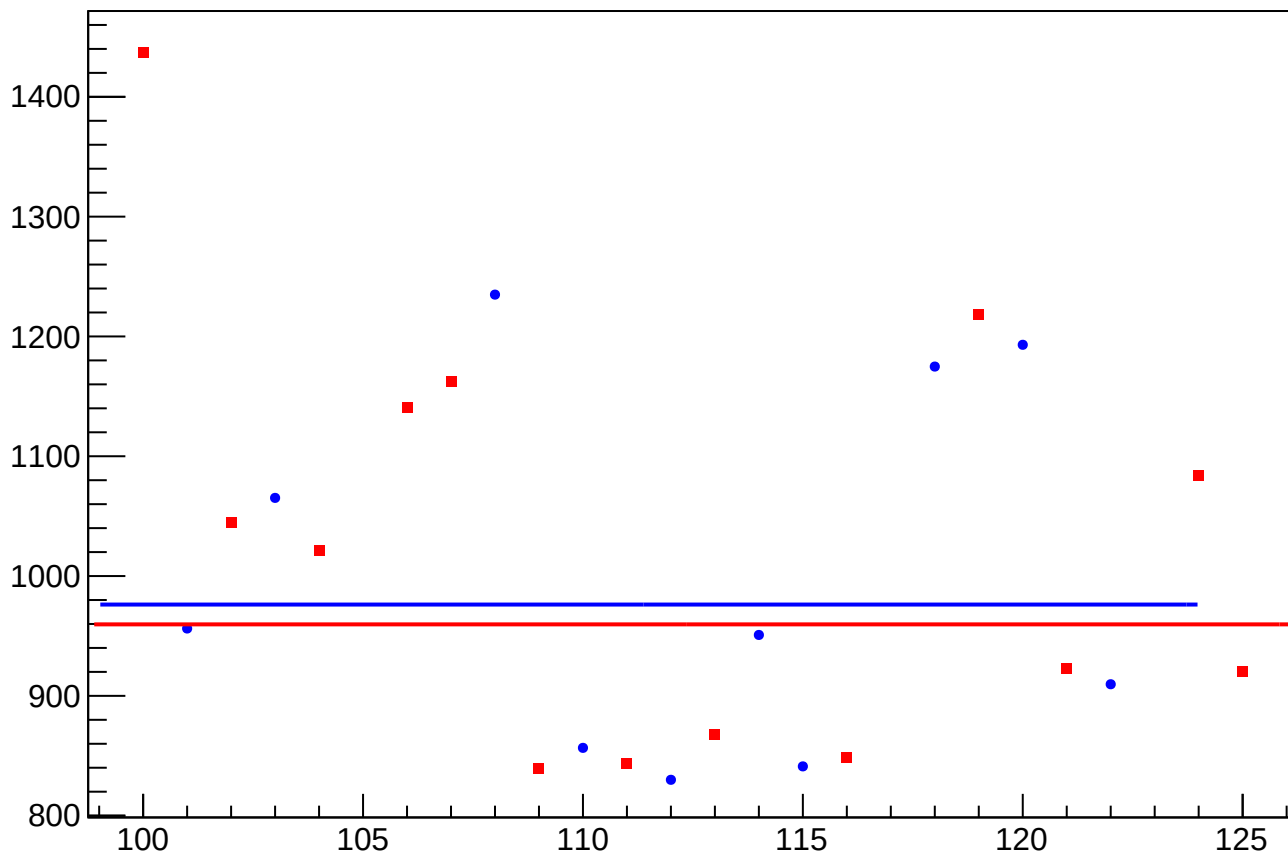
Right: -528.070+/-323.674 χ^2/NDF : 19.5/22

In: 17.928+/-487.846 χ^2/NDF : 8.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -528.070+/-323.674 χ^2/NDF : 19.5/22

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: 959.669+/-0.306 χ^2/NDF : 176555.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

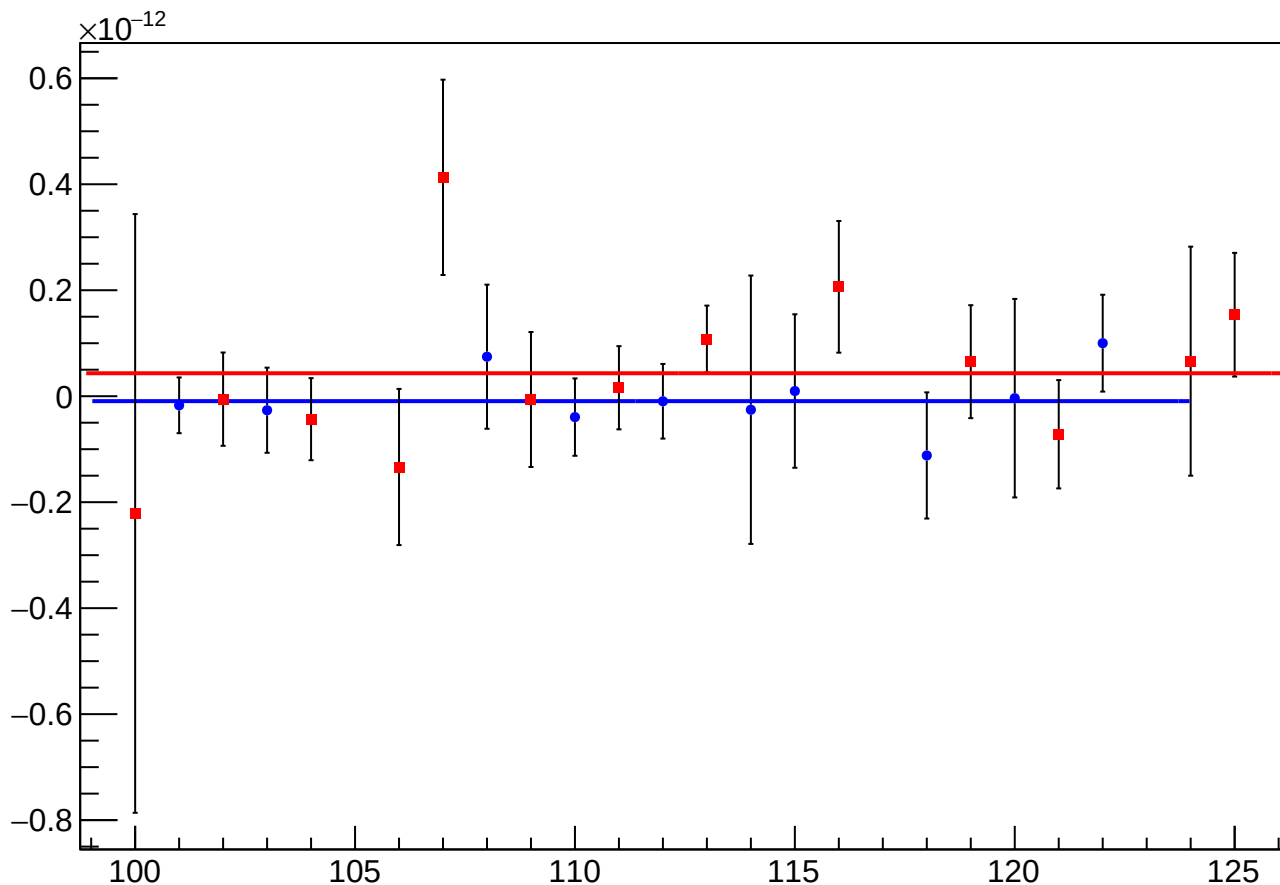
Right: 966.950+/-0.229 χ^2/NDF : 332691.4/22

In: 976.210+/-0.345 χ^2/NDF : 154849.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 966.950+/-0.229 χ^2/NDF : 332691.4/22

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 : 12.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

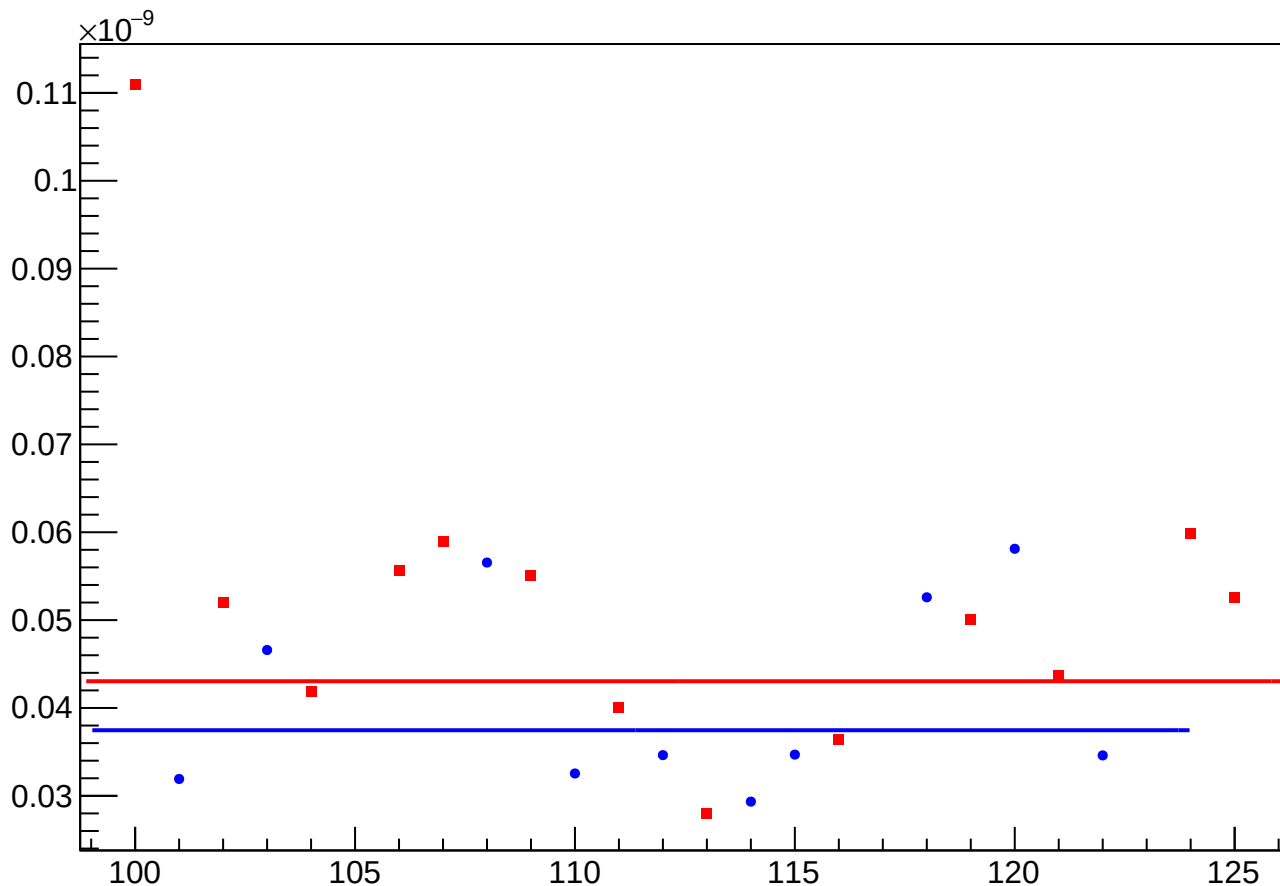
Right: 0.000+/-0.000 χ^2/NDF : 17.0/22

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 : 17.0/22

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 : 254093.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

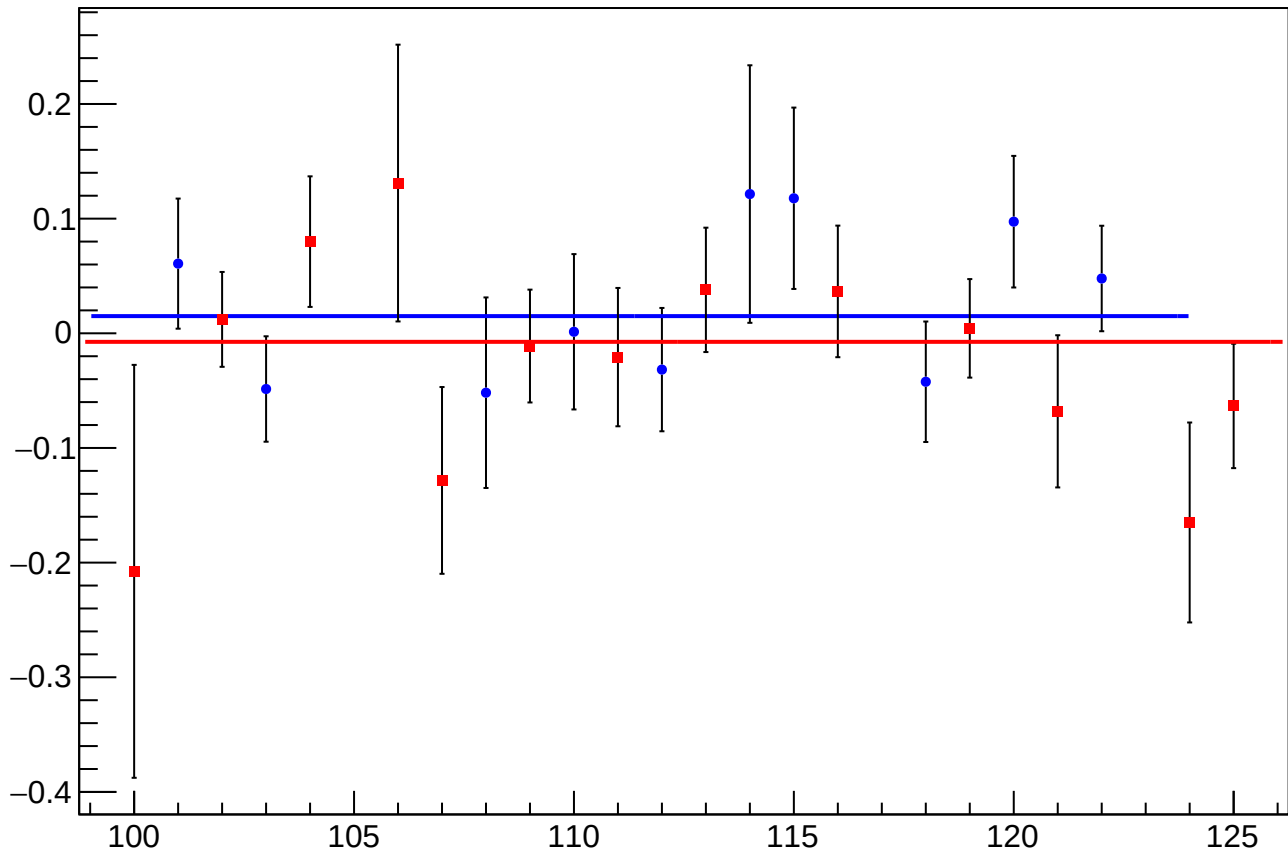
Right: 0.000+/-0.000 χ^2/NDF : 453066.0/22

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 : 453066.0/22

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: -0.007+/-0.016 χ^2/NDF : 13.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

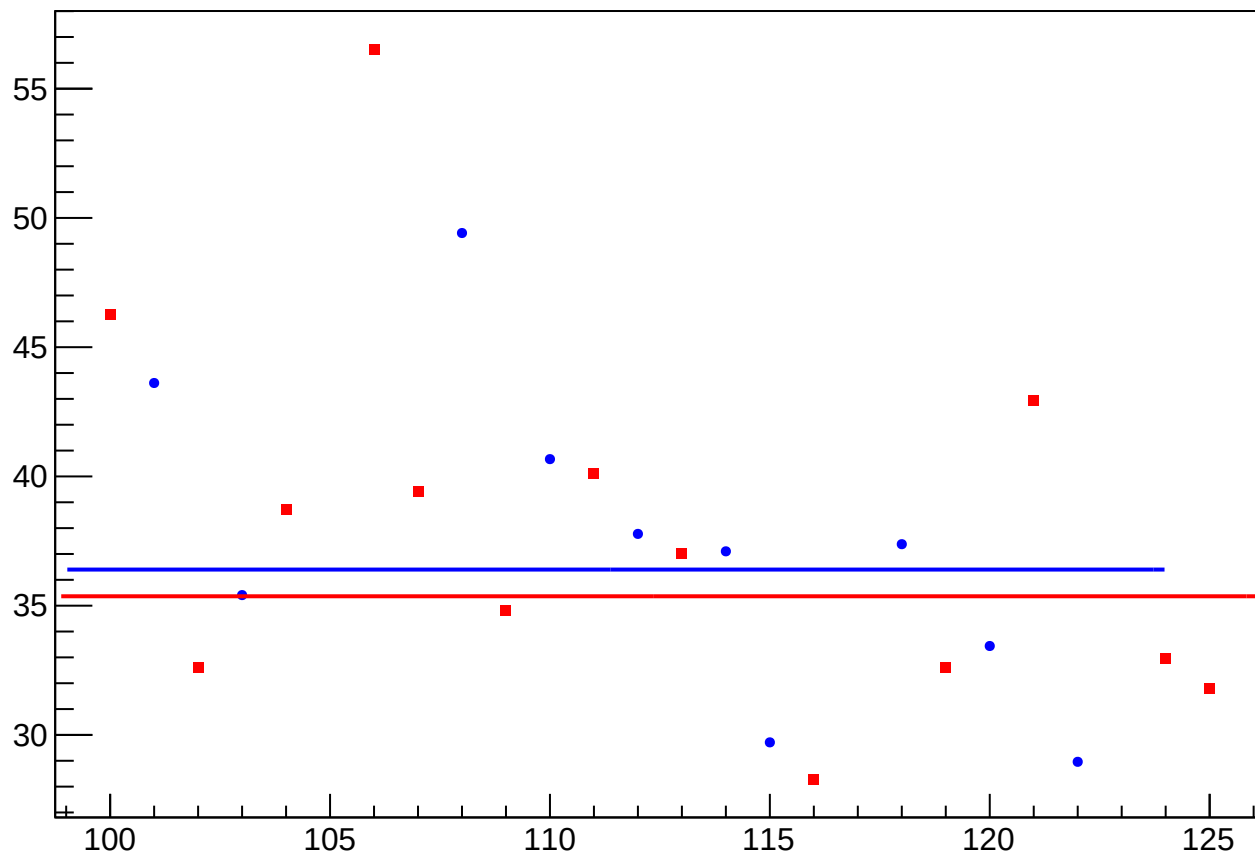
Right: 0.002+/-0.012 χ^2/NDF : 25.1/22

In: 0.015+/-0.019 χ^2/NDF :10.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.012 χ^2/NDF : 25.1/22

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: 35.364+/-0.012 χ^2/NDF : 179119.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

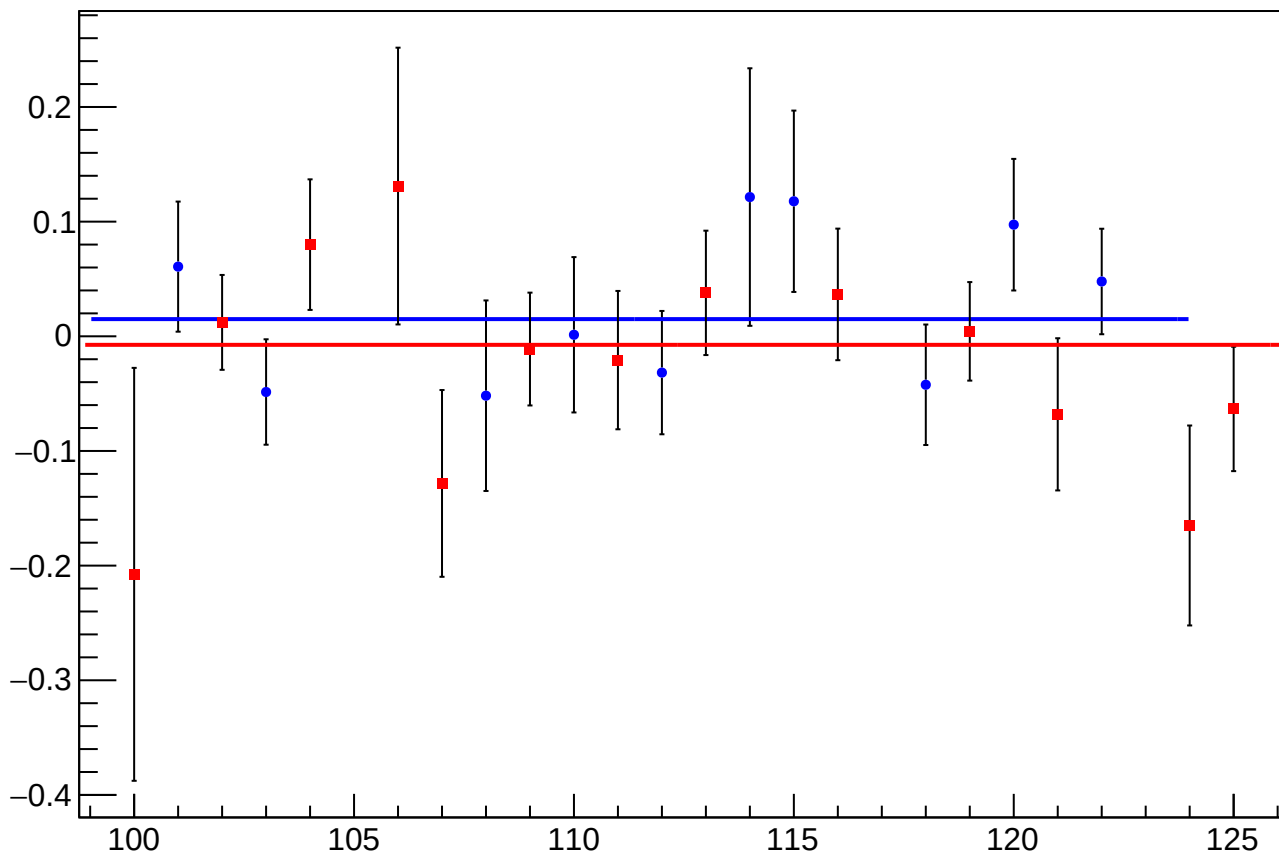
Right: 35.814+/-0.009 χ^2/NDF : 346883.4/22

In: 36.397+/-0.013 χ^2/NDF : 164307.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.814+/-0.009 χ^2/NDF : 346883.4/22

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: -0.007+/-0.016 χ^2/NDF : 13.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

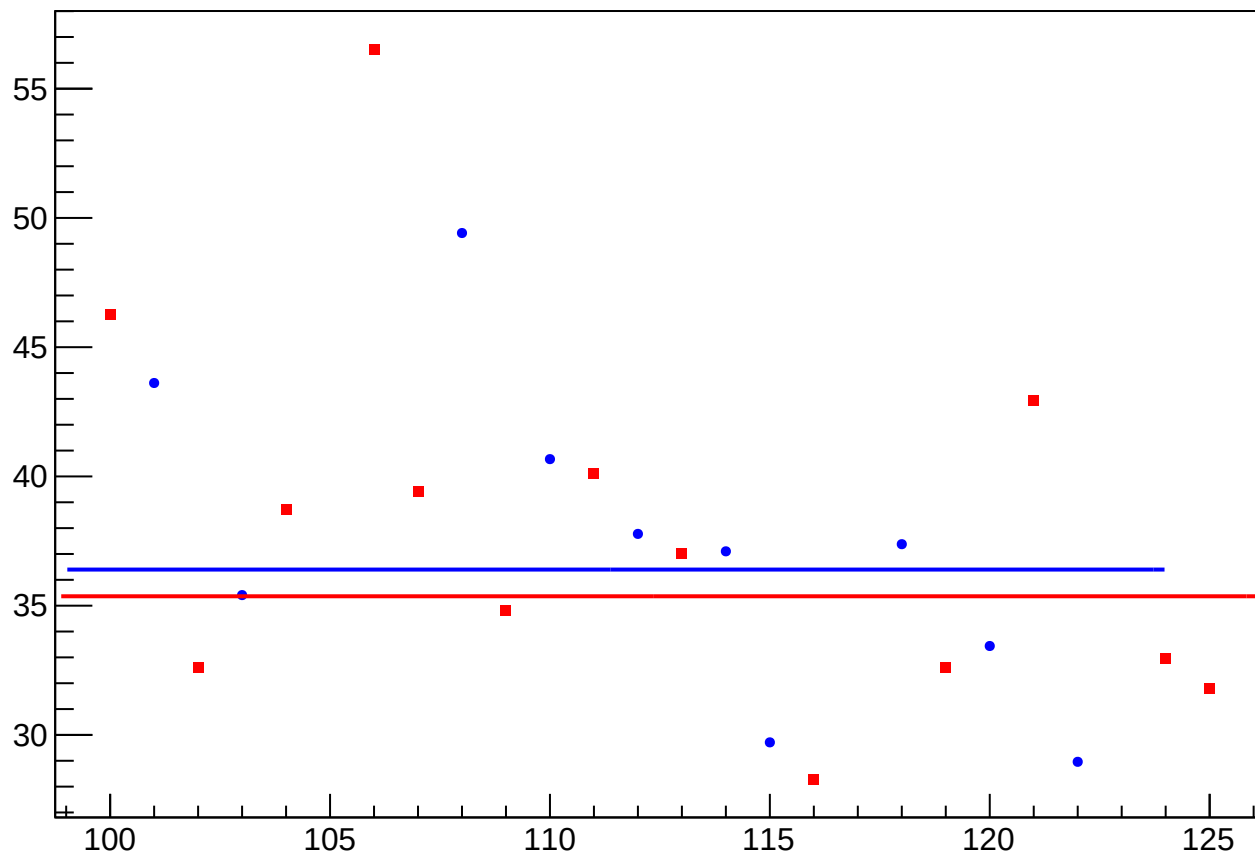
Right: 0.002+/-0.012 χ^2/NDF : 25.1/22

In: 0.015+/-0.019 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.012 χ^2/NDF : 25.1/22

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: 35.364+/-0.012 χ^2/NDF : 179119.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

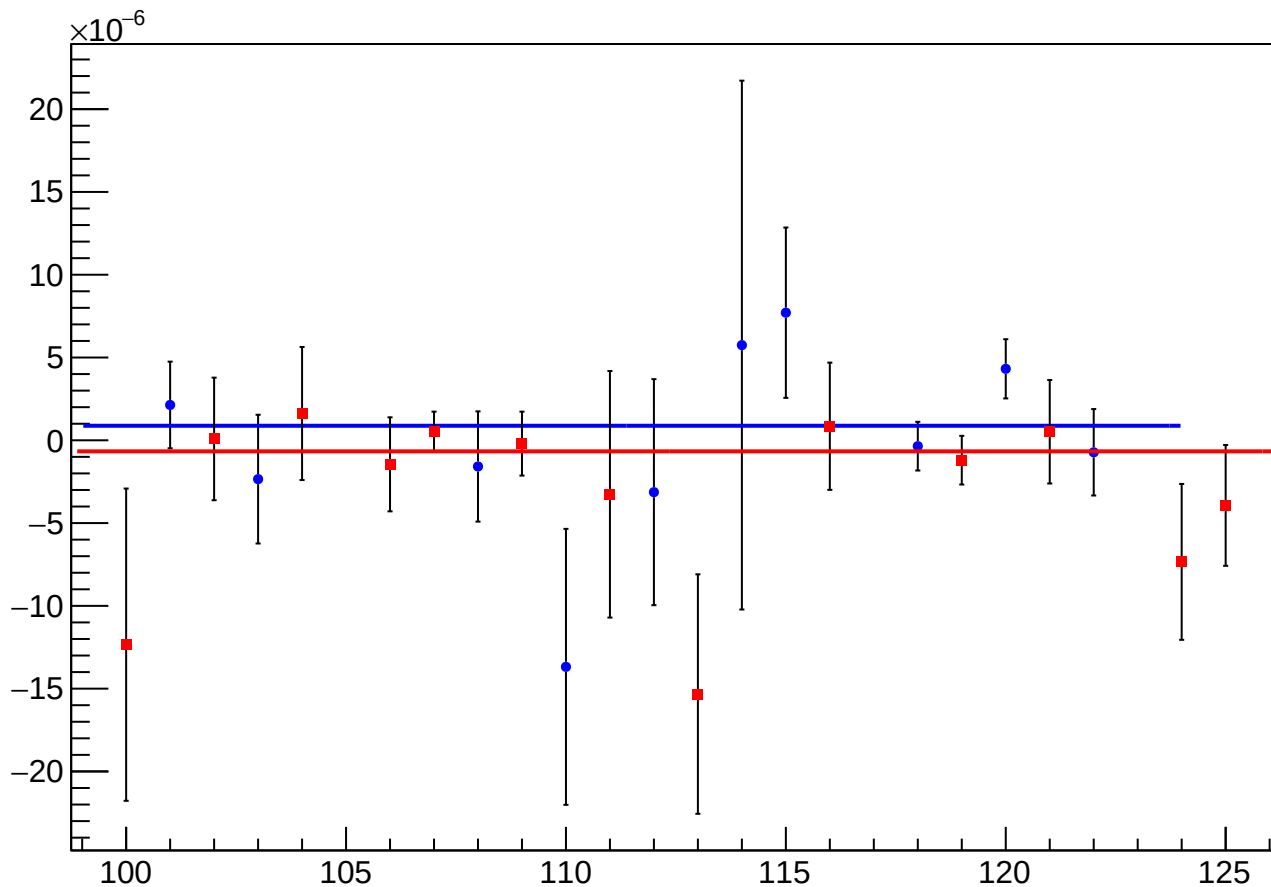
Right: 35.814+/-0.009 χ^2/NDF : 346883.4/22

In: 36.397+/-0.013 χ^2/NDF : 164307.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.814+/-0.009 χ^2/NDF : 346883.4/22

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 : 10.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

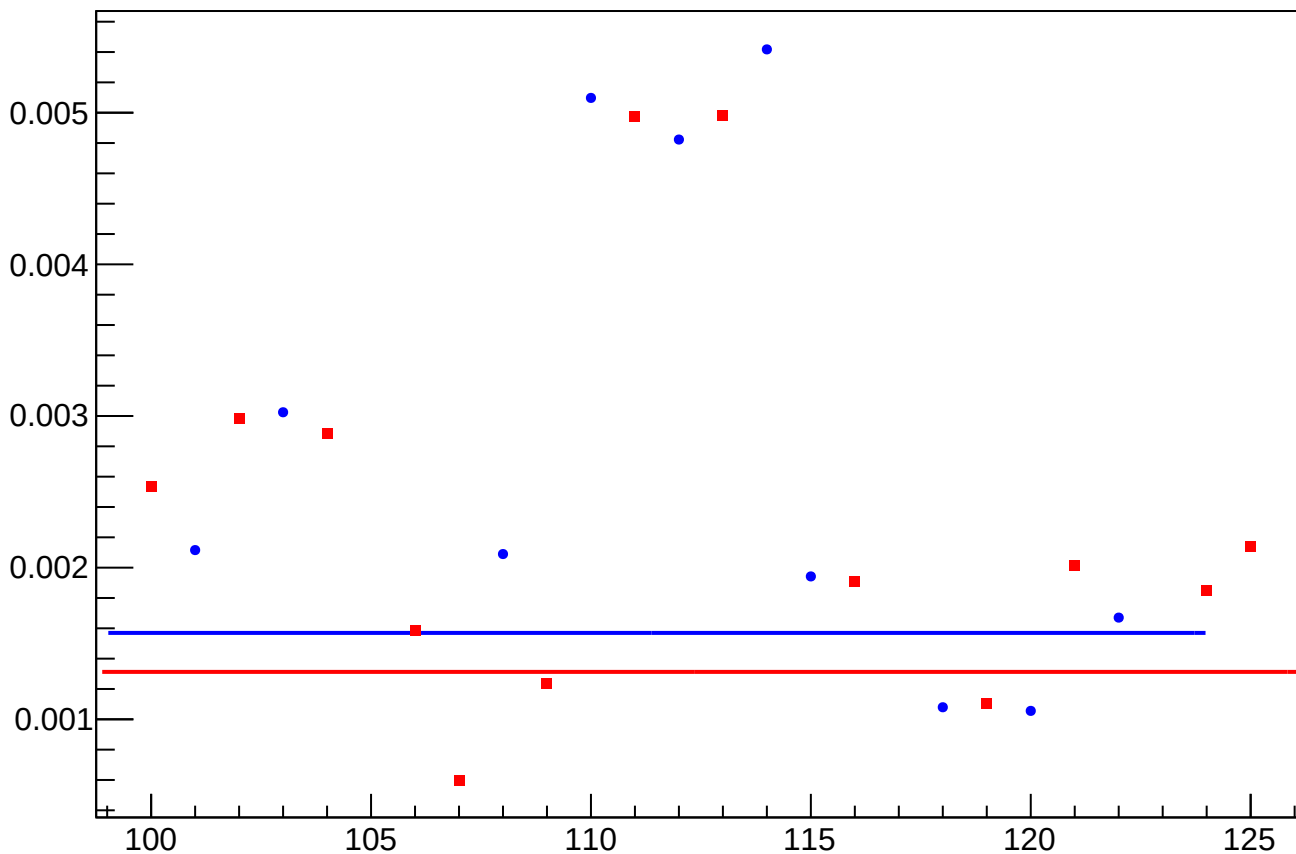
Right: -0.000+/-0.000 χ^2/NDF : 23.8/22

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 : 23.8/22

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 : 2782478.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

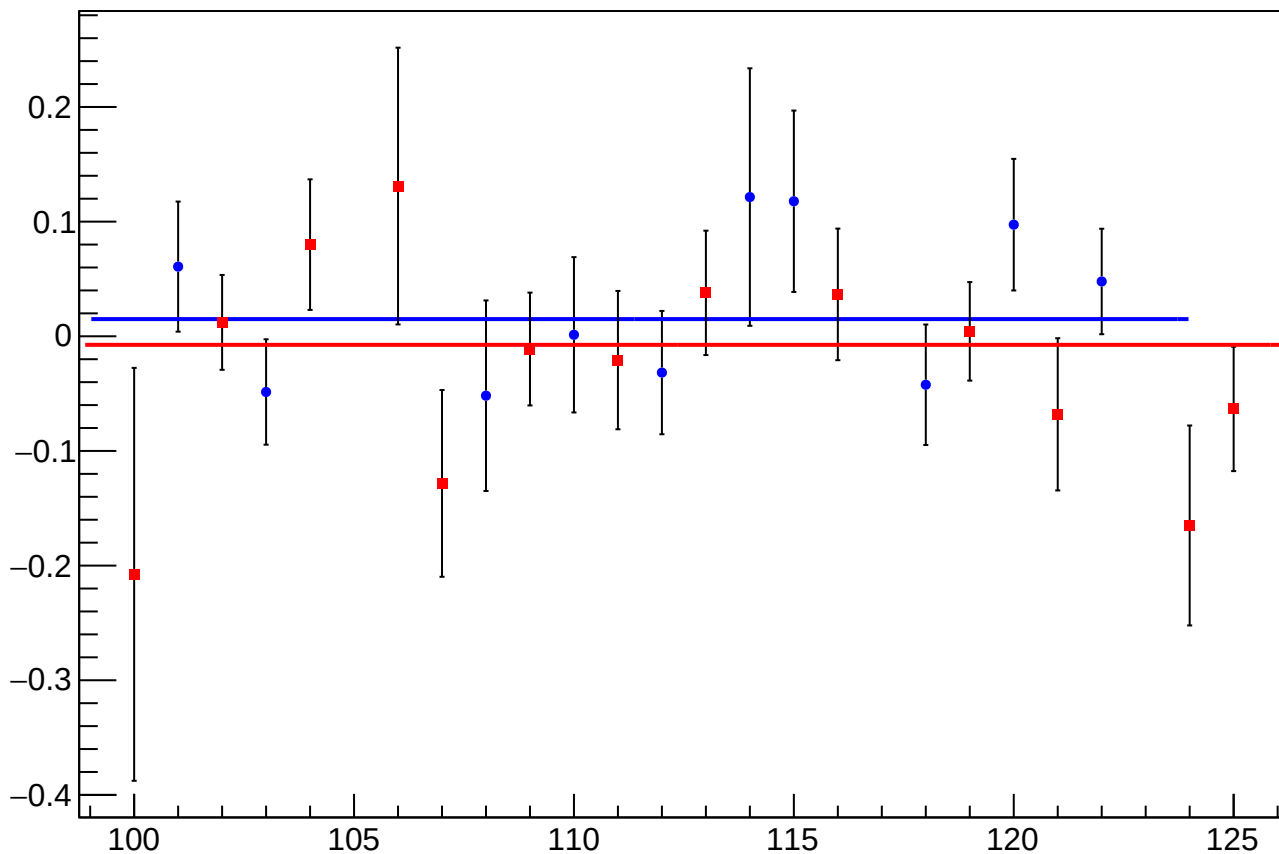
Right: 0.001+/-0.000 χ^2/NDF : 4632733.8/22

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 : 4632733.8/22

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: -0.007+/-0.016 χ^2/NDF : 13.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

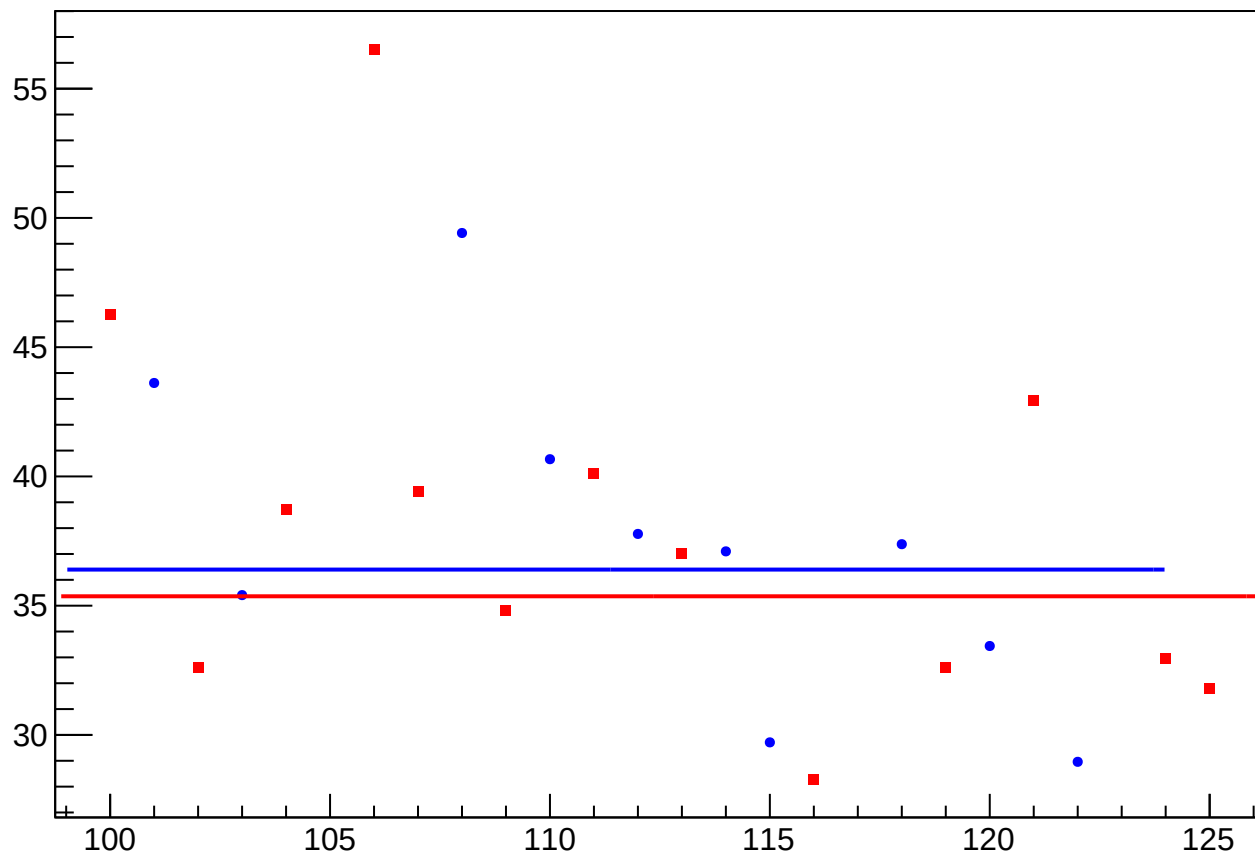
Right: 0.002+/-0.012 χ^2/NDF : 25.1/22

In: 0.015+/-0.019 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.012 χ^2/NDF : 25.1/22

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: 35.363+/-0.012 χ^2/NDF : 179107.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

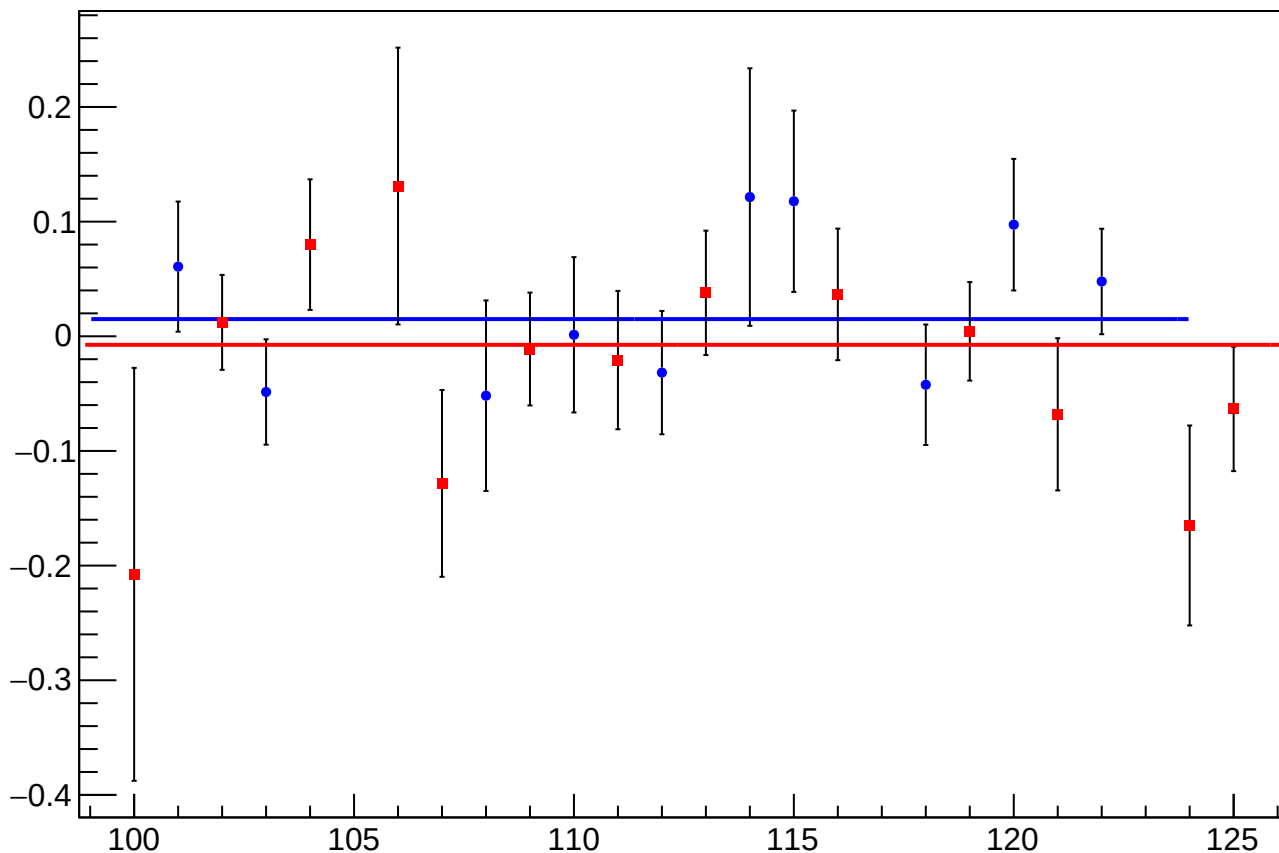
Right: 35.814+/-0.009 χ^2/NDF : 346868.9/22

In: 36.397+/-0.013 χ^2/NDF :164303.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 35.814+/-0.009 χ^2/NDF : 346868.9/22

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: -0.007+/-0.016 χ^2/NDF : 13.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

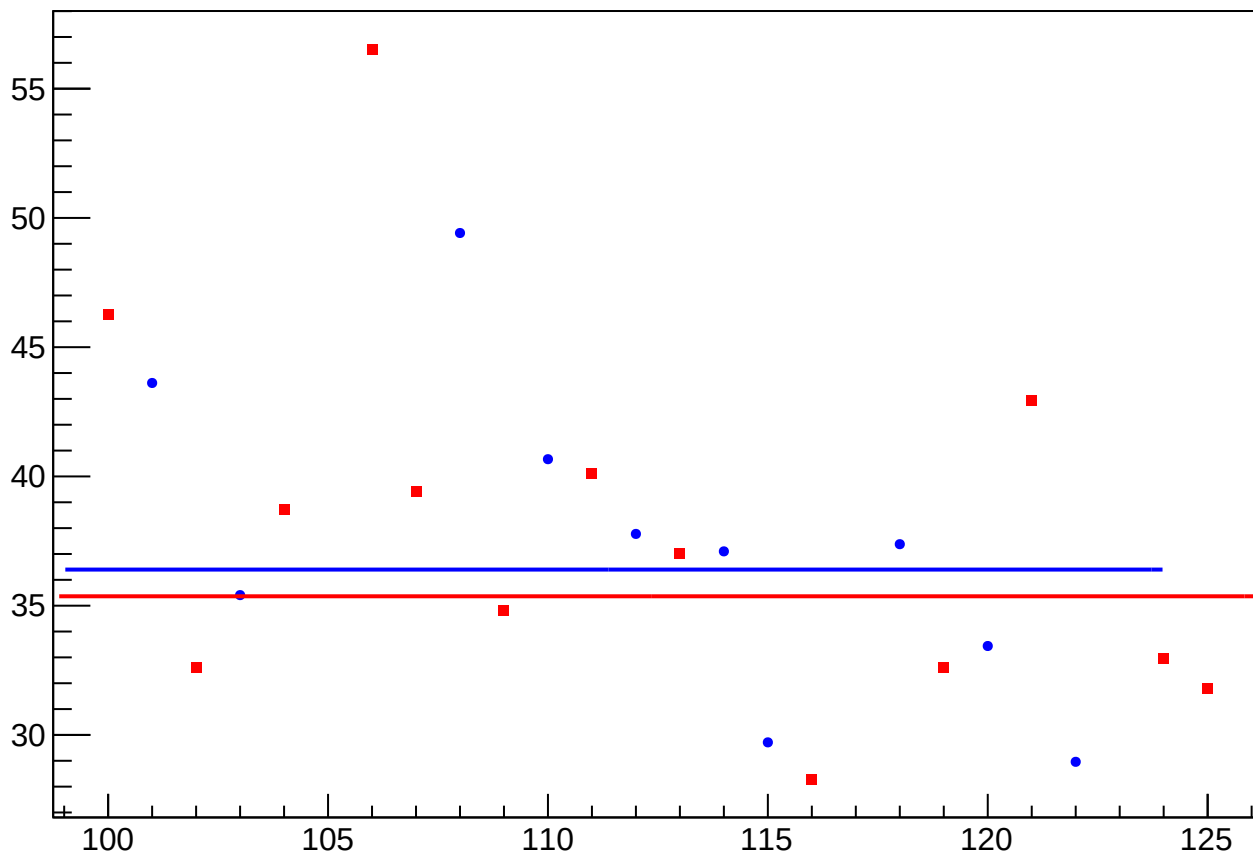
Right: 0.002+/-0.012 χ^2/NDF : 25.1/22

In: 0.015+/-0.019 χ^2/NDF : 10.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.012 χ^2/NDF : 25.1/22

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: 35.363+/-0.012 χ^2/NDF : 179107.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

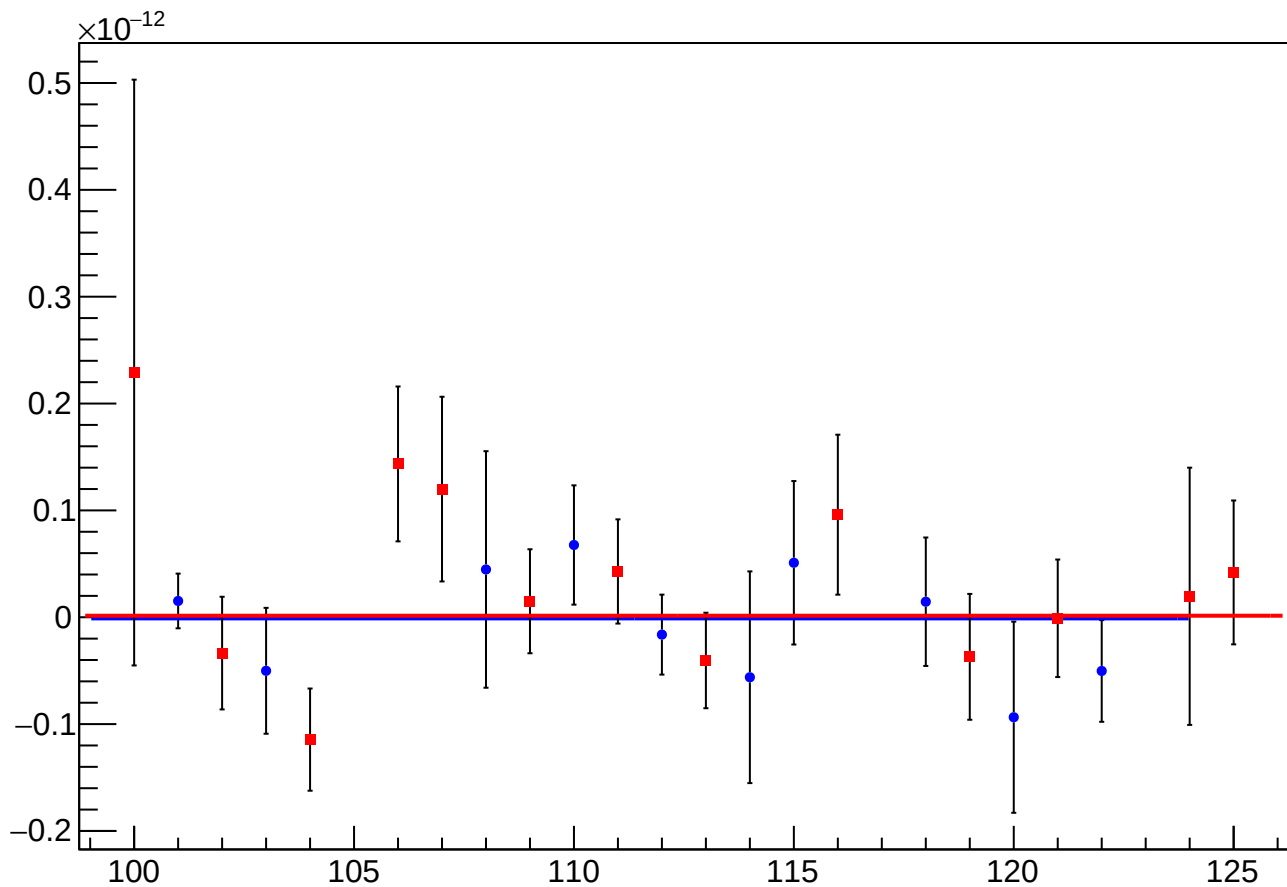
Right: 35.814+/-0.009 χ^2/NDF : 346868.9/22

In: 36.397+/-0.013 χ^2/NDF :164303.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 35.814+/-0.009 χ^2/NDF : 346868.9/22

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 : 16.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

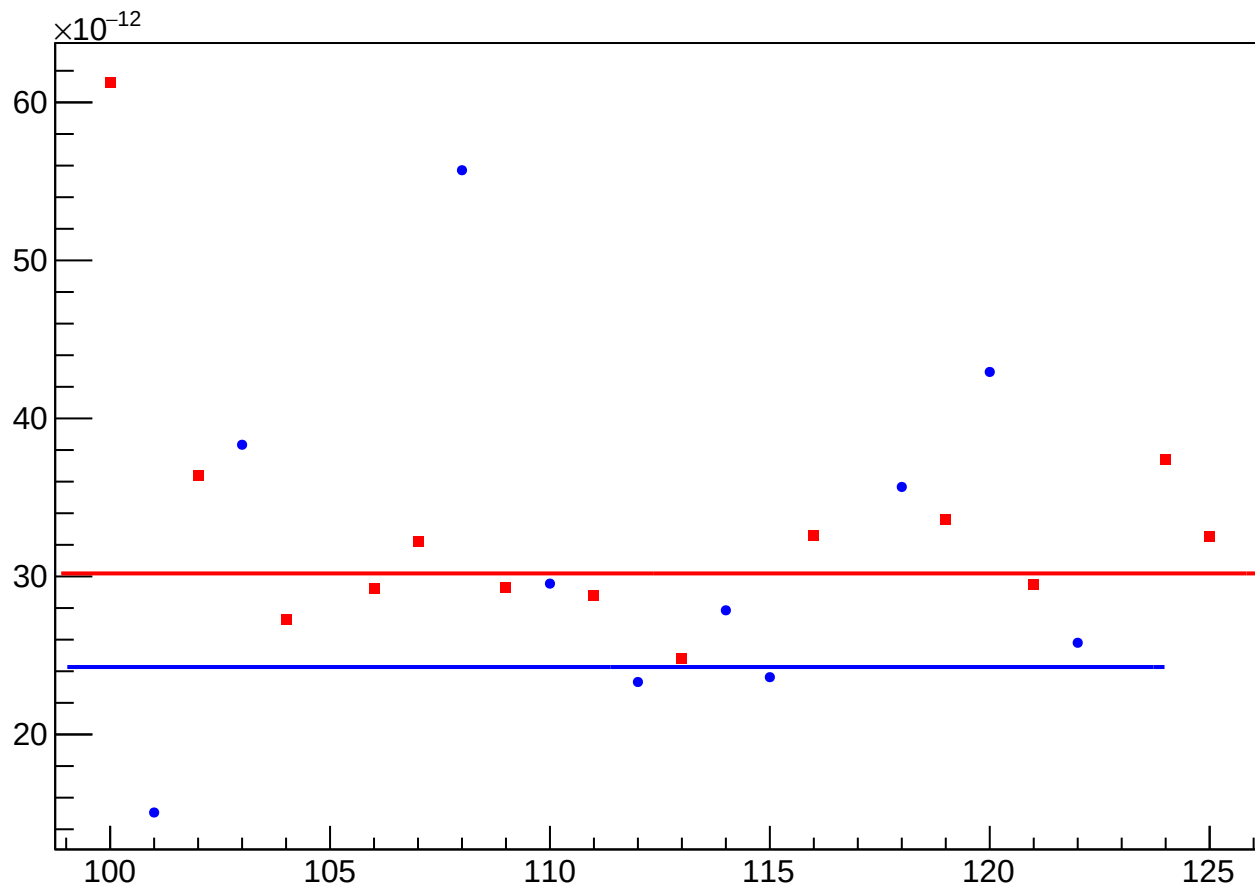
Right: 0.000+/-0.000 χ^2/NDF : 22.8/22

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 : 22.8/22

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 : 111759.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

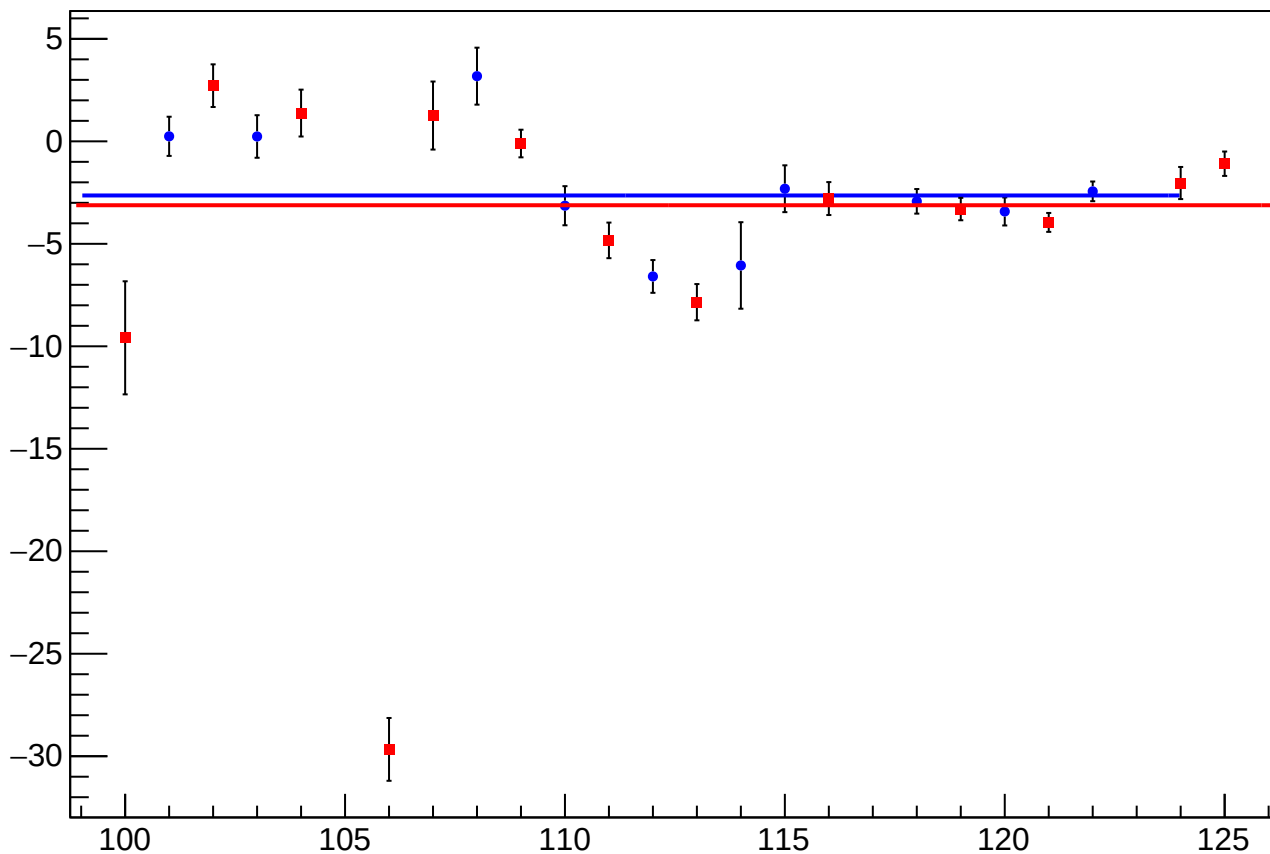
Right: 0.000+/-0.000 χ^2/NDF : 962132.2/22

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 : 962132.2/22

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.641 $\pm$ 0.254 χ^2 /NDF: 63.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.118 $\pm$ 0.216 χ^2 /NDF: 429.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

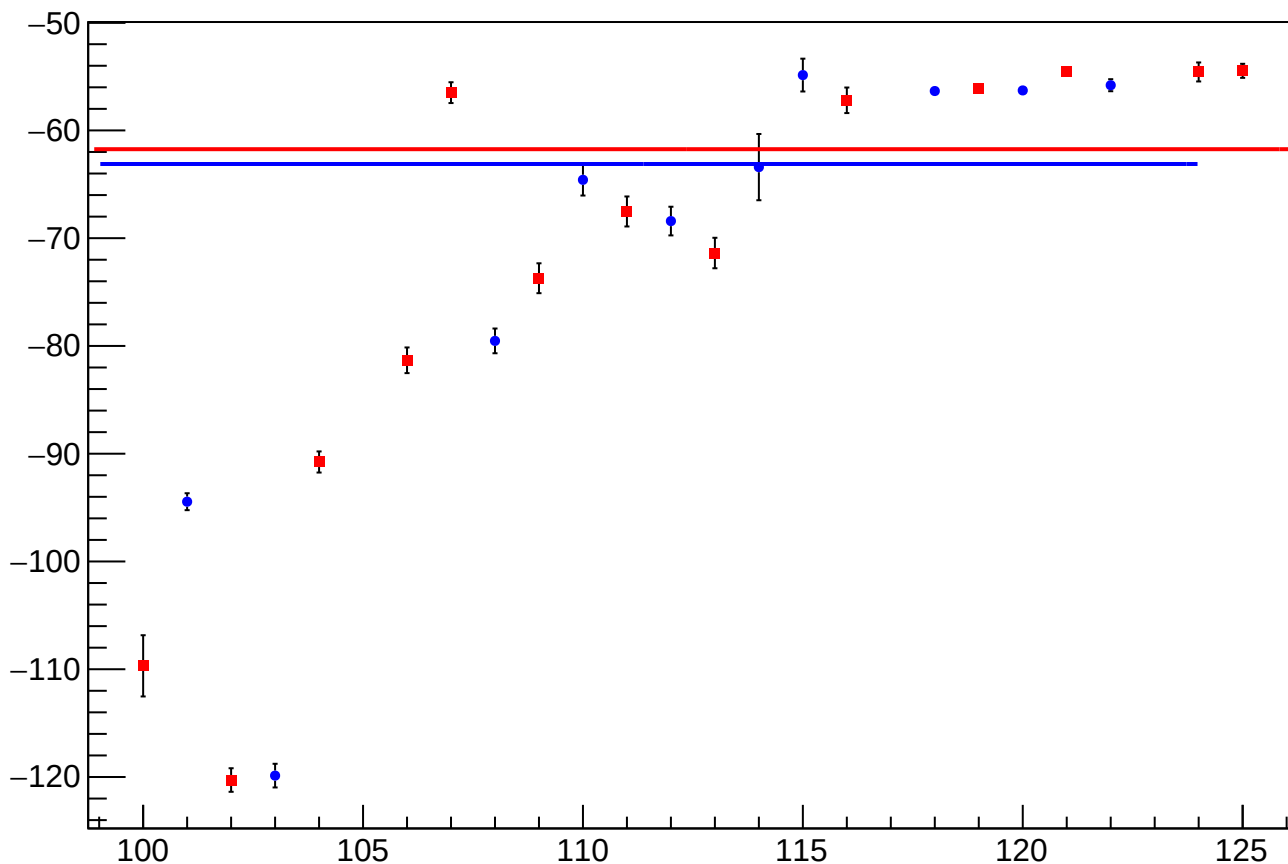
Right: -2.918 $\pm$ 0.165 χ^2 /NDF: 494.5/22

In: -2.641 $\pm$ 0.254 χ^2 /NDF:63.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.918 $\pm$ 0.165 χ^2 /NDF: 494.5/22

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: -61.743 ± 0.212 $\chi^2/\text{NDF}: 5161.7/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

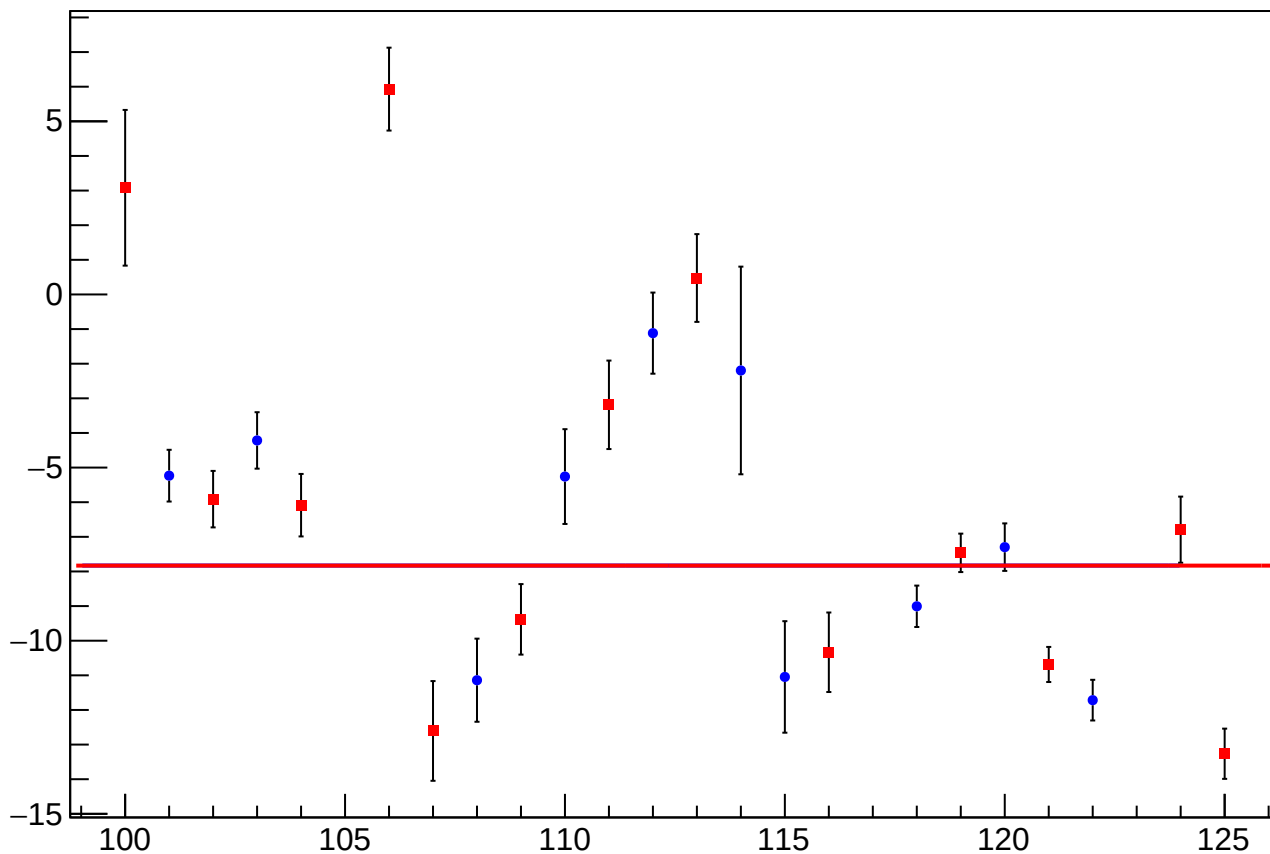
Right: -62.407 ± 0.152 $\chi^2/\text{NDF}: 10461.0/22$

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: -62.407 ± 0.152 $\chi^2/\text{NDF}: 10461.0/22$

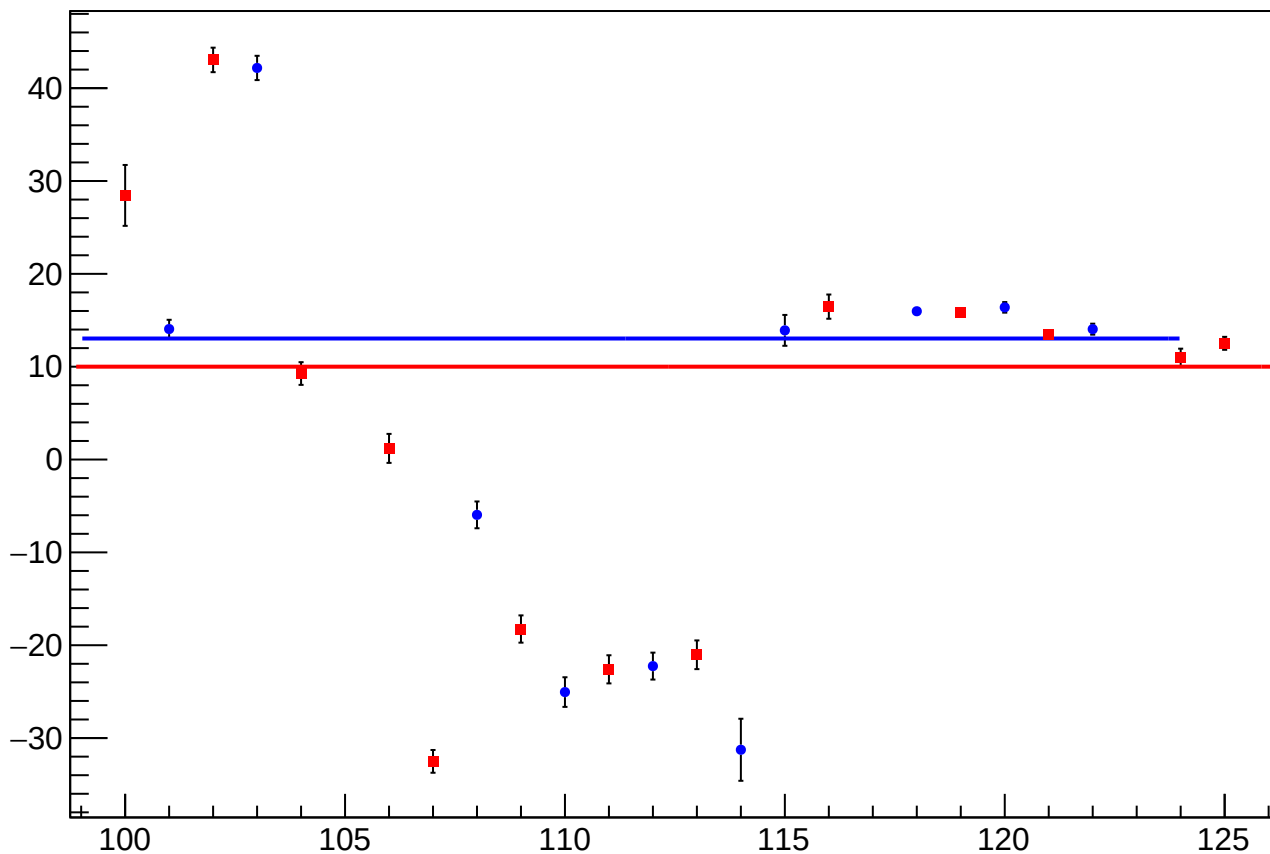
reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



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: -7.831+/-0.241 χ^2/NDF : 328.7/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -7.830+/-0.180 χ^2/NDF : 460.2/22
 In: -7.829+/-0.271 χ^2/NDF : 131.5/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -7.830+/-0.180 χ^2/NDF : 460.2/22

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.035+/-0.269 χ^2/NDF : 2084.4/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 10.002+/-0.248 χ^2/NDF : 3380.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

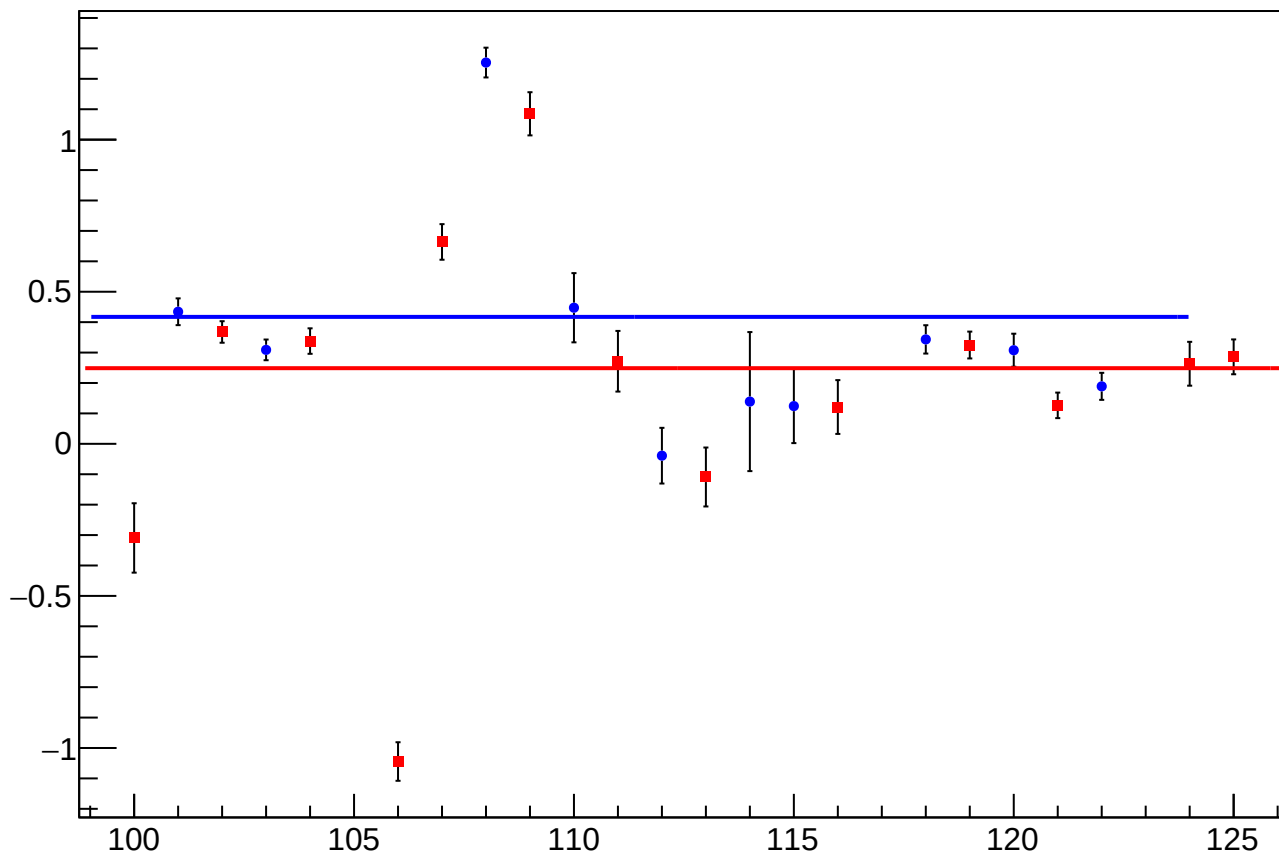
Right: 11.397+/-0.182 χ^2/NDF : 5533.9/22

In: 13.035+/-0.269 χ^2/NDF :2084.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 11.397+/-0.182 χ^2/NDF : 5533.9/22

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: 0.249 ± 0.016 χ^2/NDF : 672.8/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

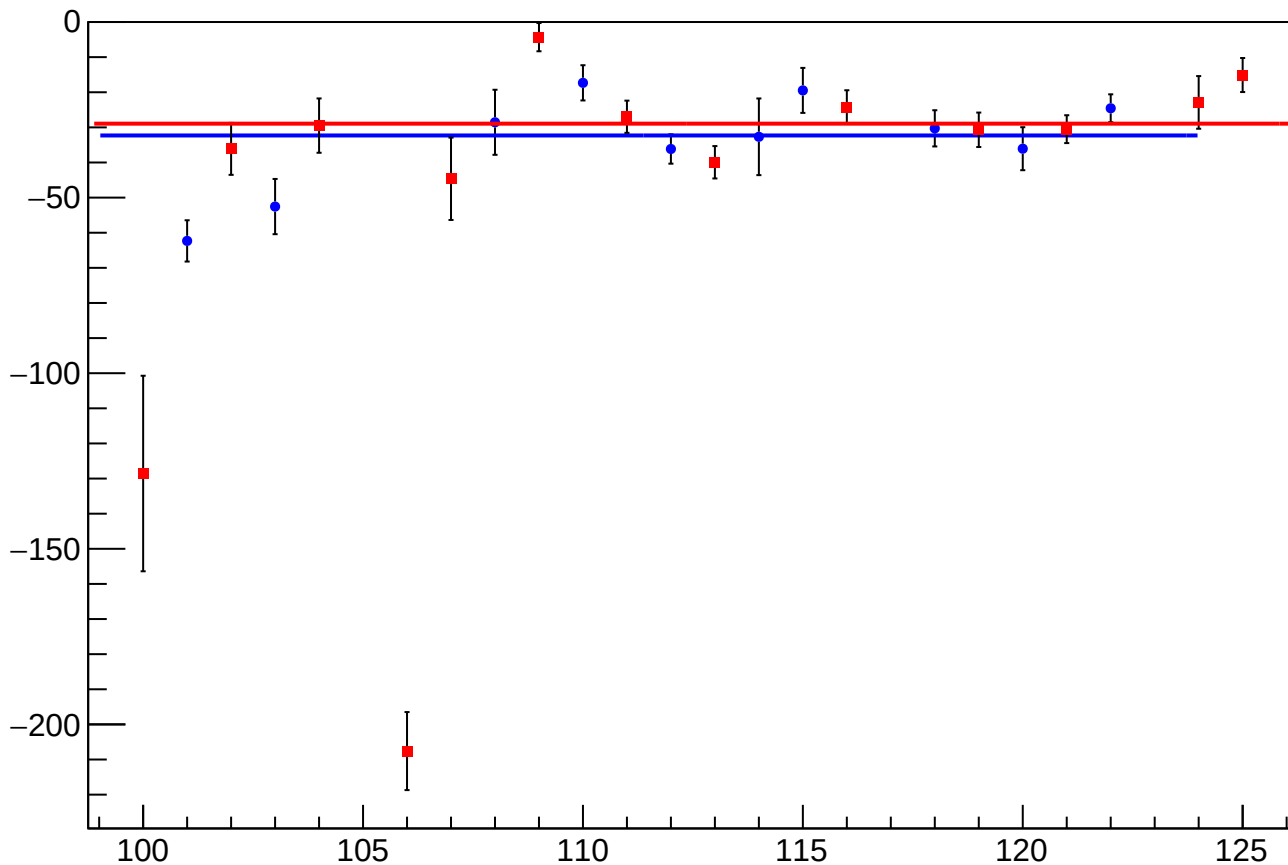
Right: 0.325 ± 0.012 χ^2/NDF : 1093.0/22

In: 0.417 ± 0.017 χ^2/NDF : 367.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.325 ± 0.012 χ^2/NDF : 1093.0/22

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: -28.942+/-1.548 χ^2/NDF : 327.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

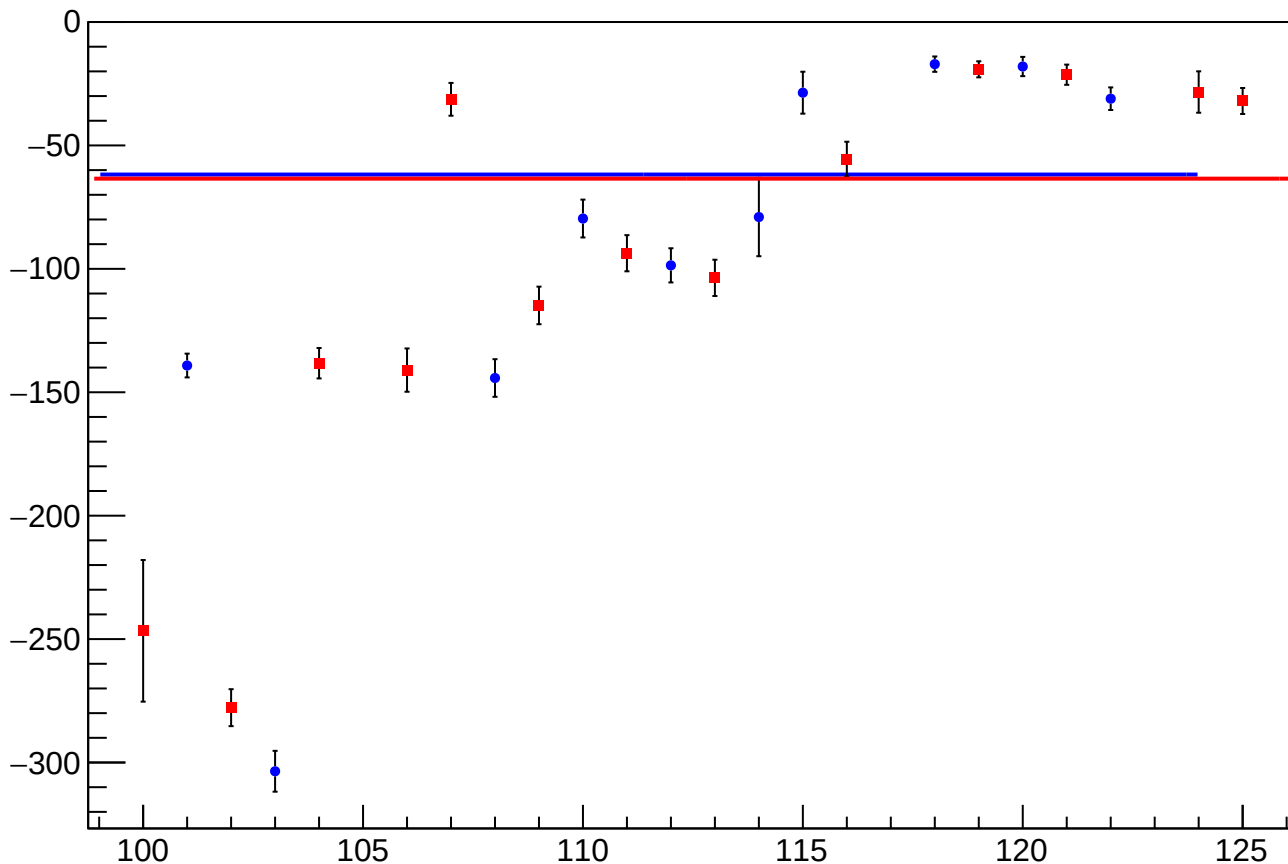
Right: -30.386+/-1.169 χ^2/NDF : 380.6/22

In: -32.303+/-1.784 χ^2/NDF : 51.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.386+/-1.169 χ^2/NDF : 380.6/22

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: -63.458+/-1.666 χ^2/NDF : 1547.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

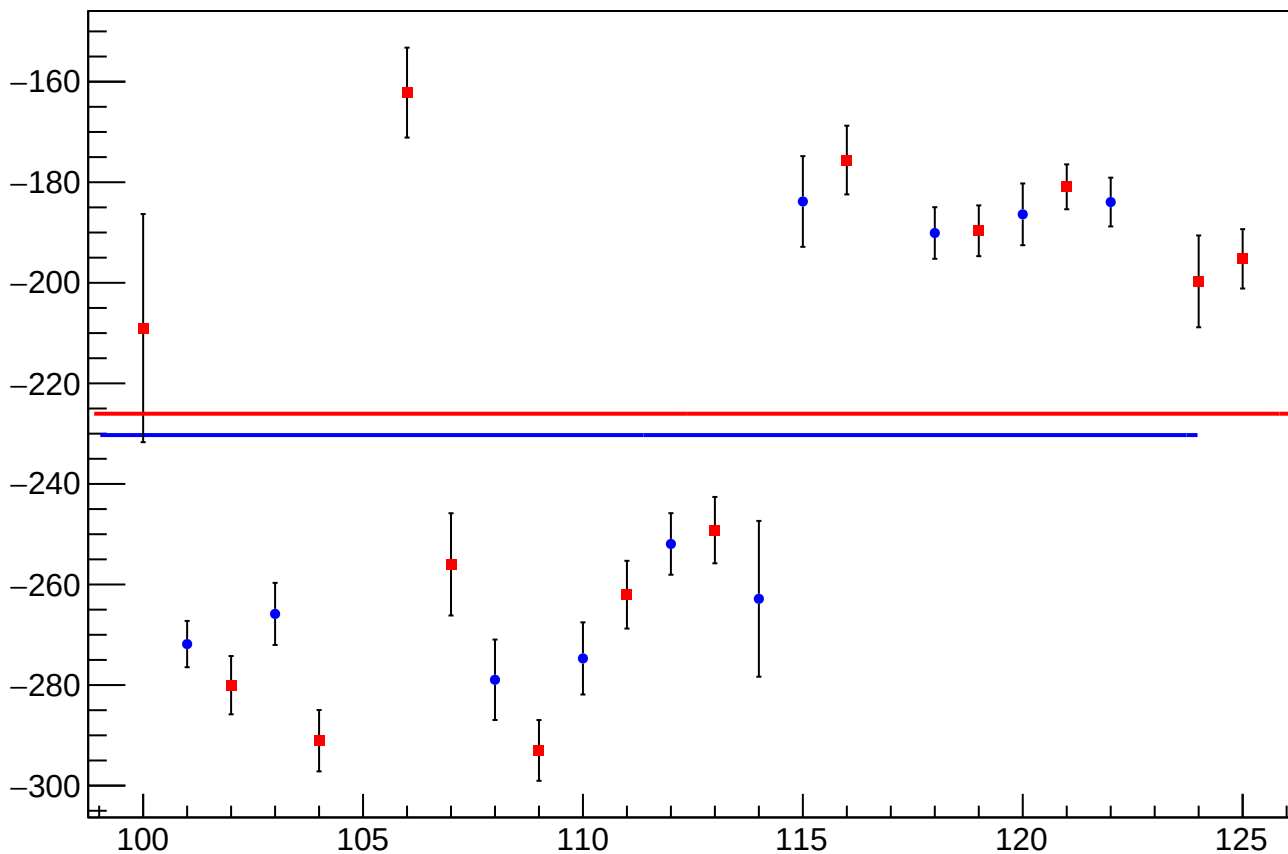
Right: -62.643+/-1.189 χ^2/NDF : 3204.8/22

In: -61.800+/-1.696 χ^2/NDF : 1656.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -62.643+/-1.189 χ^2/NDF : 3204.8/22

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: -226.033+/-1.812 χ^2/NDF : 668.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

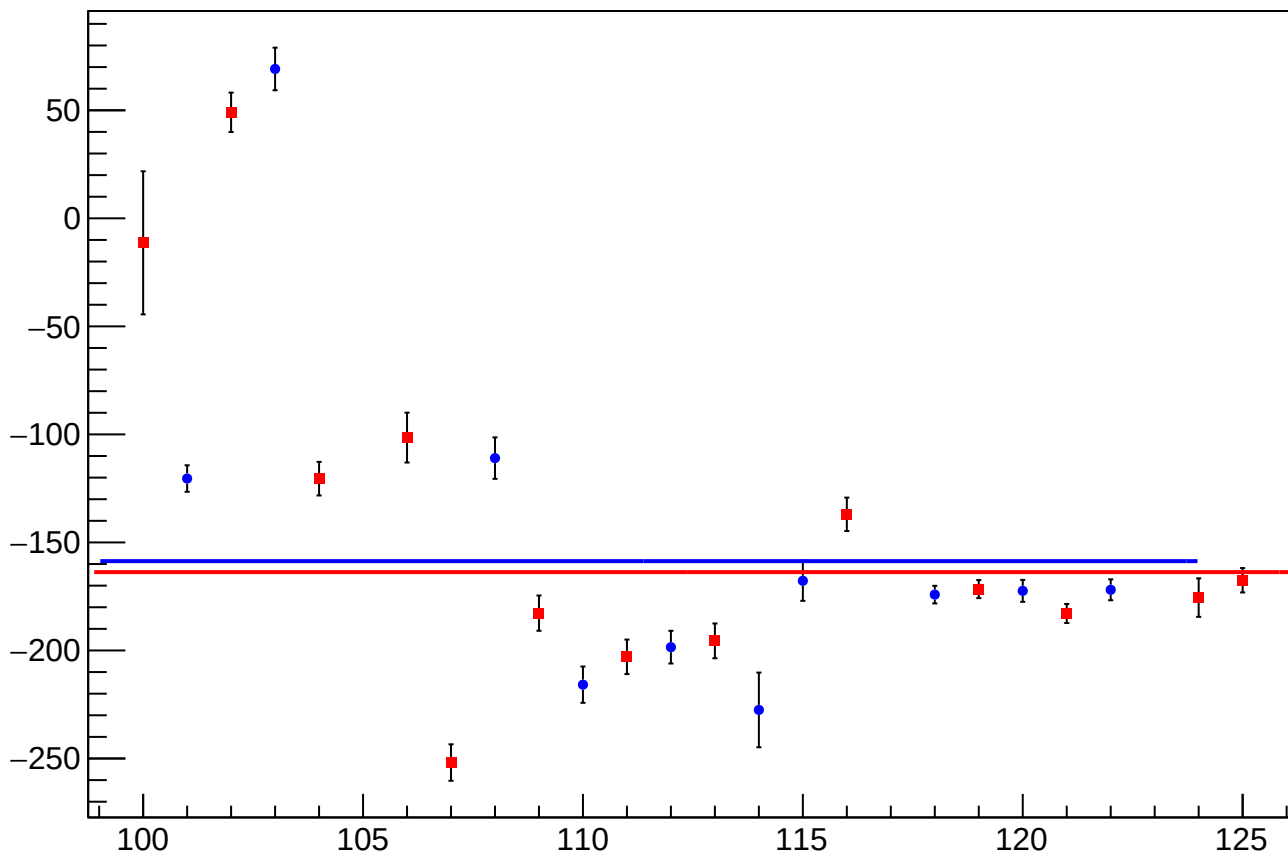
Right: -227.983+/-1.332 χ^2/NDF : 1108.5/22

In: -230.281+/-1.966 χ^2/NDF : 437.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -227.983+/-1.332 χ^2/NDF : 1108.5/22

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -158.658 ± 2.058 χ^2/NDF : 717.8/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -163.742 ± 1.938 χ^2/NDF : 816.1/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

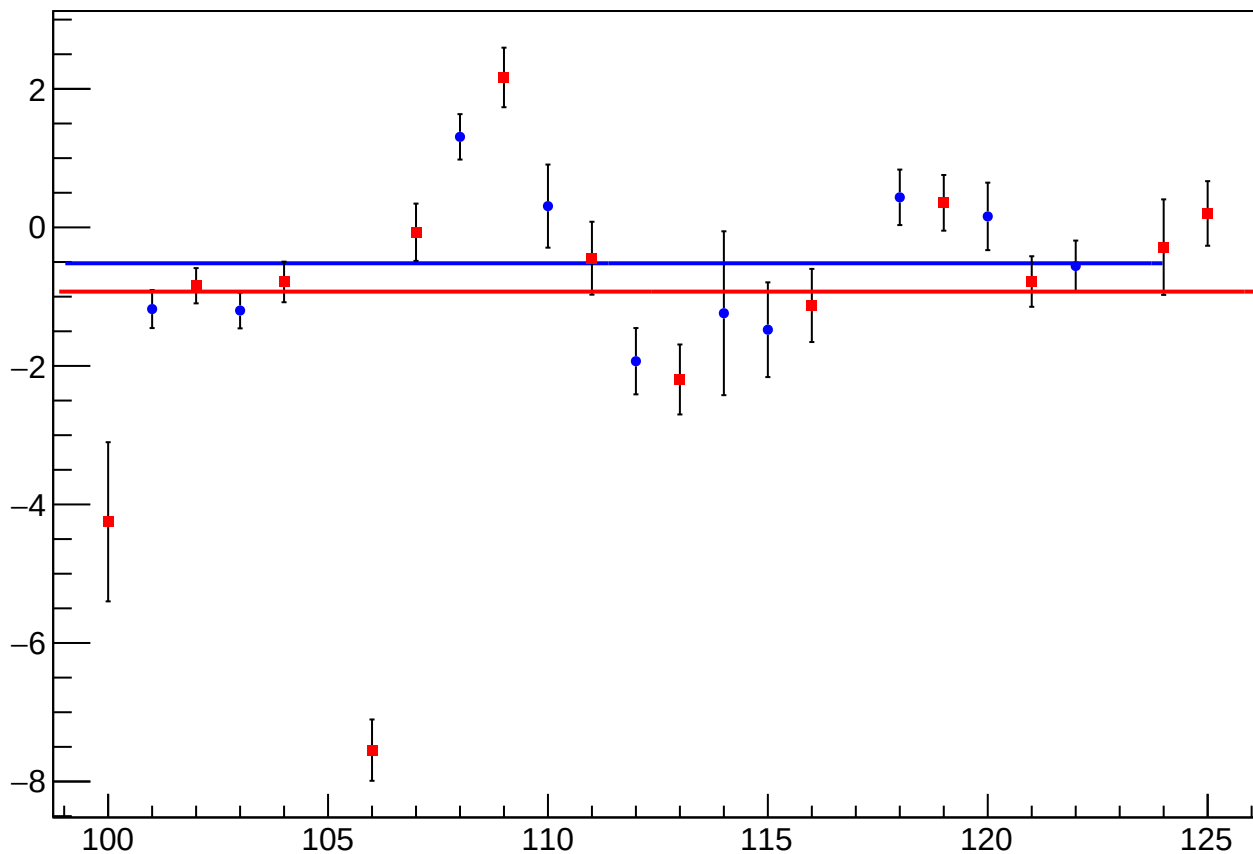
Right: -161.352 ± 1.411 χ^2/NDF : 1537.2/22

In: -158.658 ± 2.058 χ^2/NDF : 717.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -161.352 ± 1.411 χ^2/NDF : 1537.2/22

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: -0.927 ± 0.115 χ^2/NDF : 312.6/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

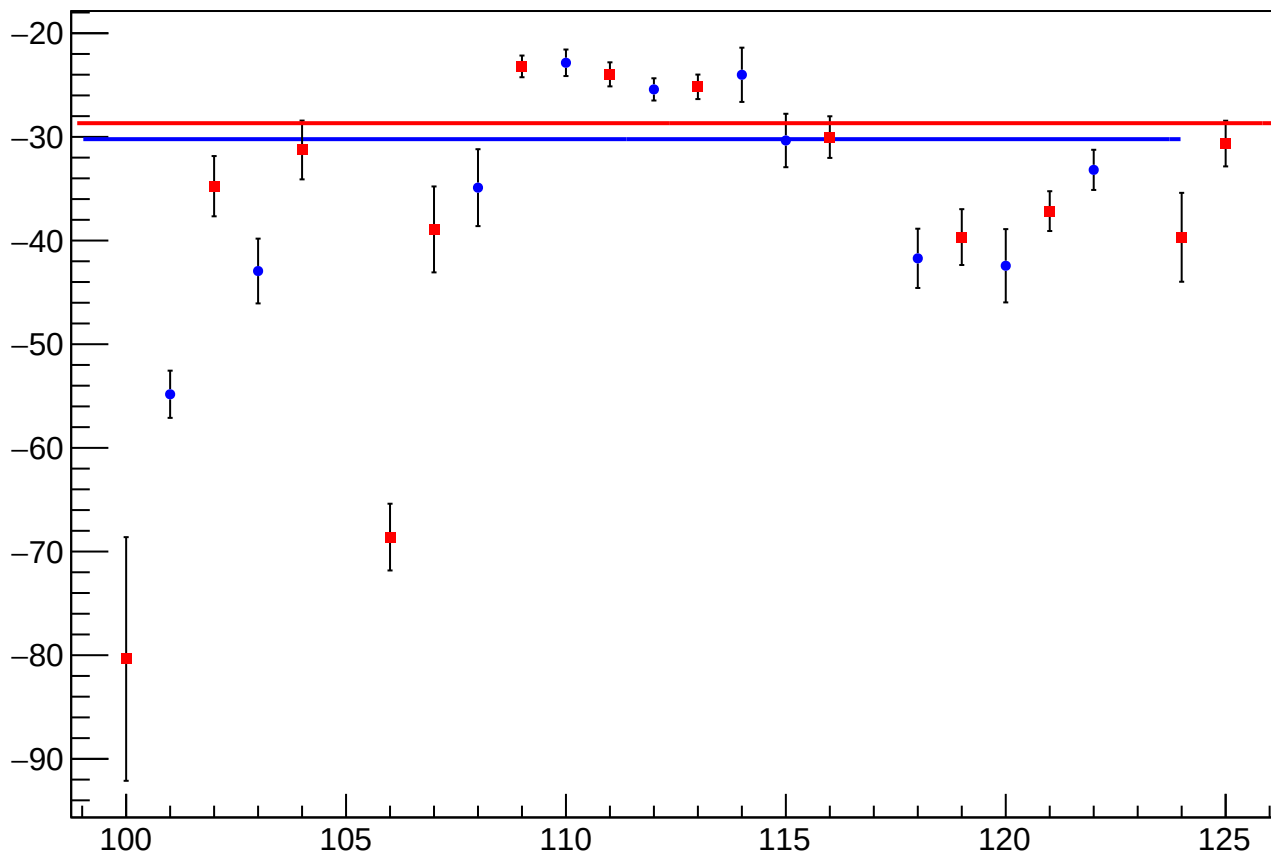
Right: -0.737 ± 0.084 χ^2/NDF : 382.9/22

In: -0.518 ± 0.124 χ^2/NDF : 64.3/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.737 ± 0.084 χ^2/NDF : 382.9/22

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -30.219 ± 0.619 $\chi^2/\text{NDF}: 224.2/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -28.678 ± 0.520 $\chi^2/\text{NDF}: 281.2/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

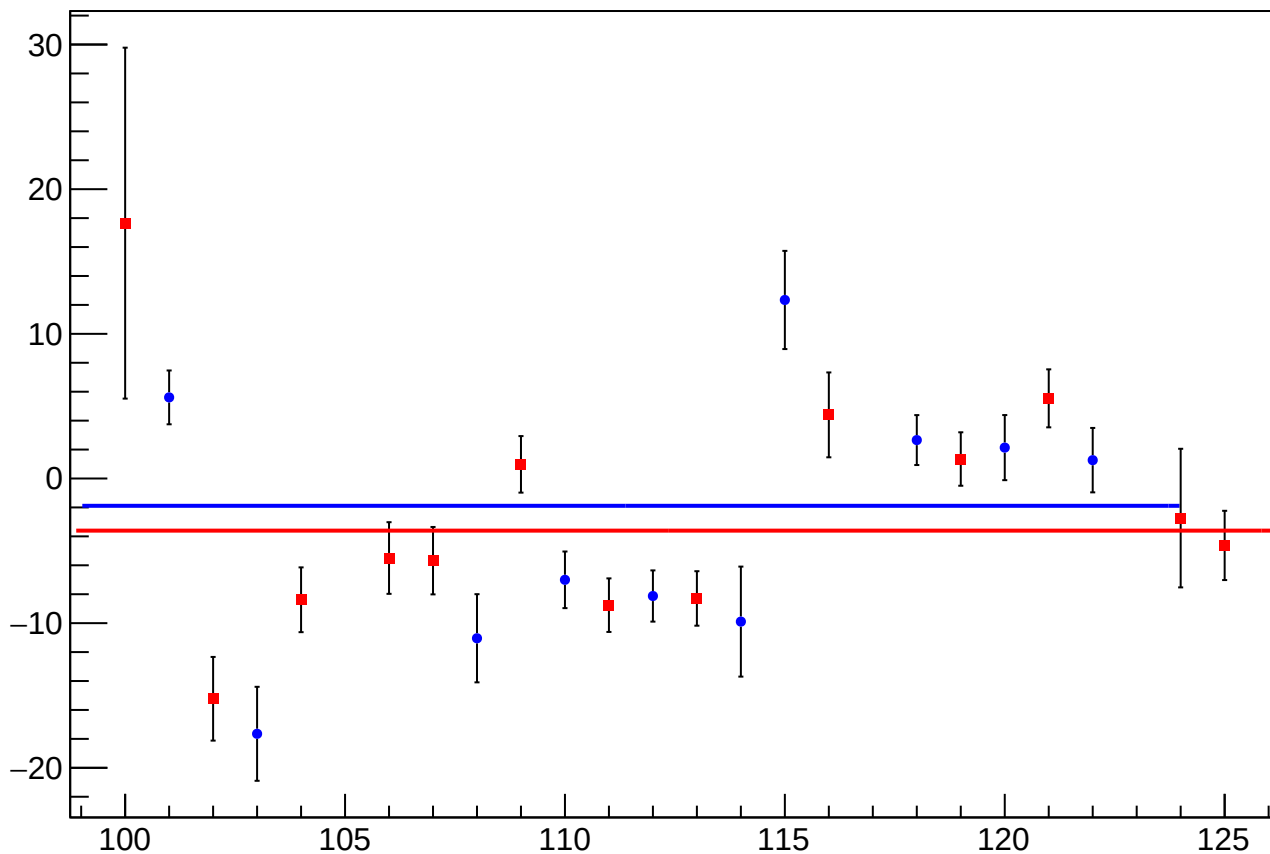
Right: -29.316 ± 0.398 $\chi^2/\text{NDF}: 509.1/22$

In: -30.219 ± 0.619 $\chi^2/\text{NDF}: 224.2/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -29.316 ± 0.398 $\chi^2/\text{NDF}: 509.1/22$

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: -3.604+/-0.648 χ^2/NDF : 80.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

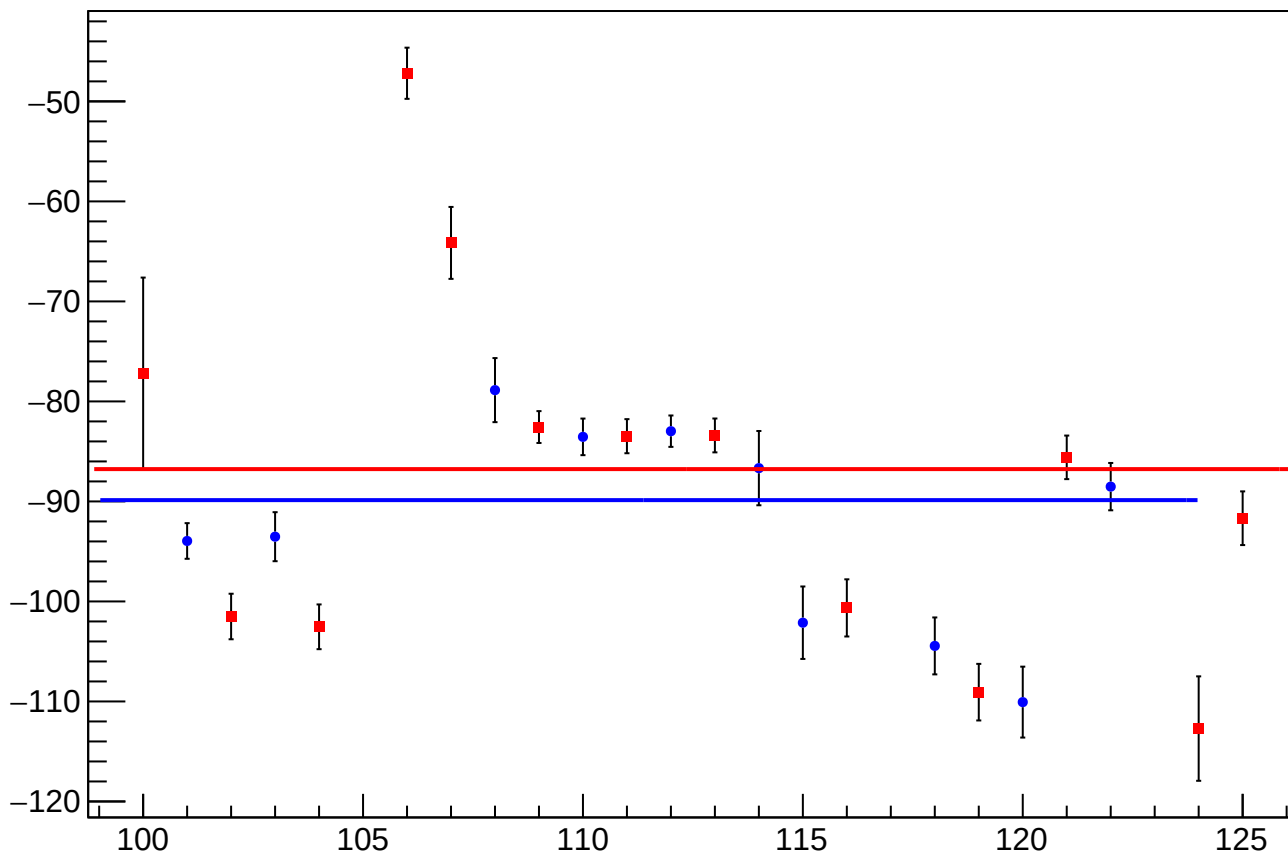
Right: -2.829+/-0.480 χ^2/NDF : 185.6/22

In: -1.888+/-0.714 χ^2/NDF : 102.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.829+/-0.480 χ^2/NDF : 185.6/22

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -89.870 ± 0.742 χ^2/NDF : 121.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -86.768 ± 0.652 χ^2/NDF : 500.3/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

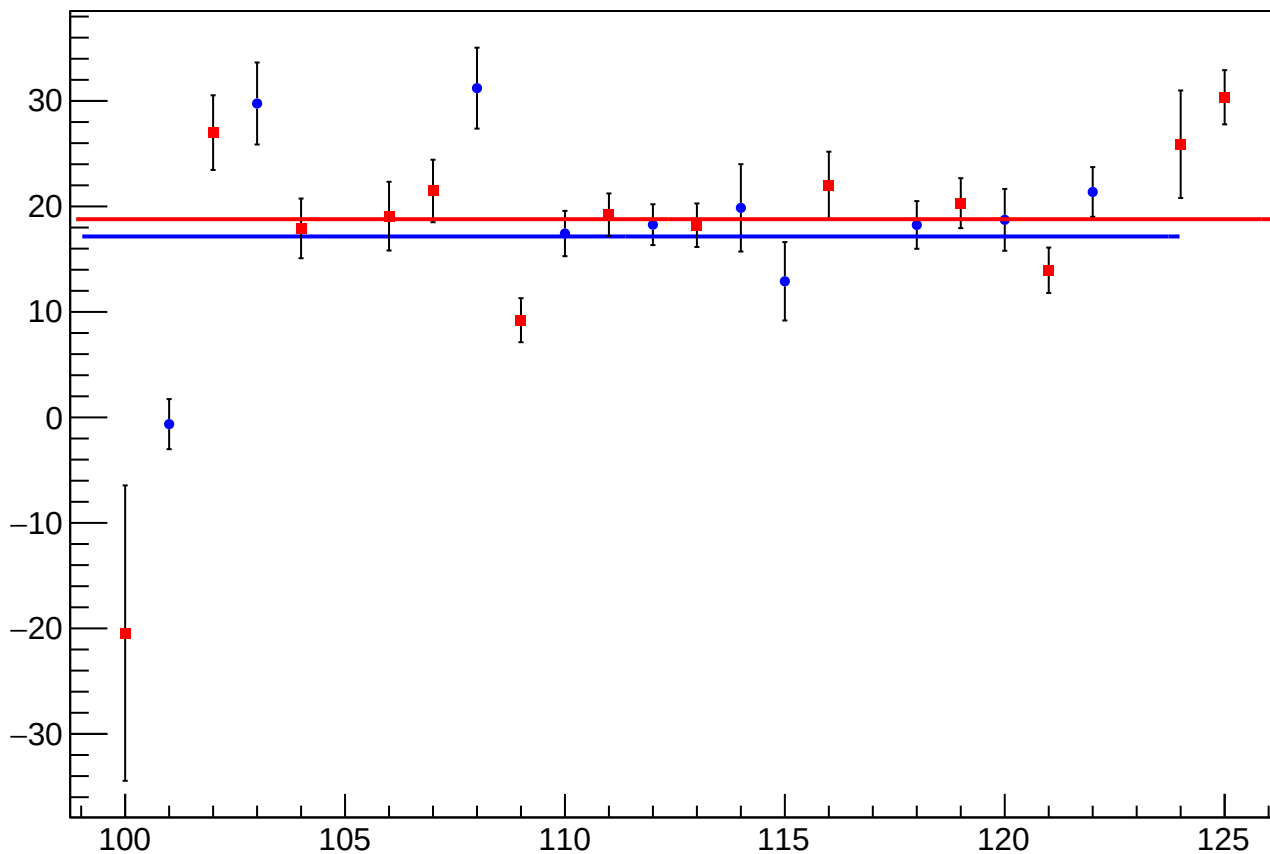
Right: -88.118 ± 0.490 χ^2/NDF : 631.9/22

In: -89.870 ± 0.742 χ^2/NDF : 121.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -88.118 ± 0.490 χ^2/NDF : 631.9/22

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: 18.791+/-0.744 χ^2/NDF : 63.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

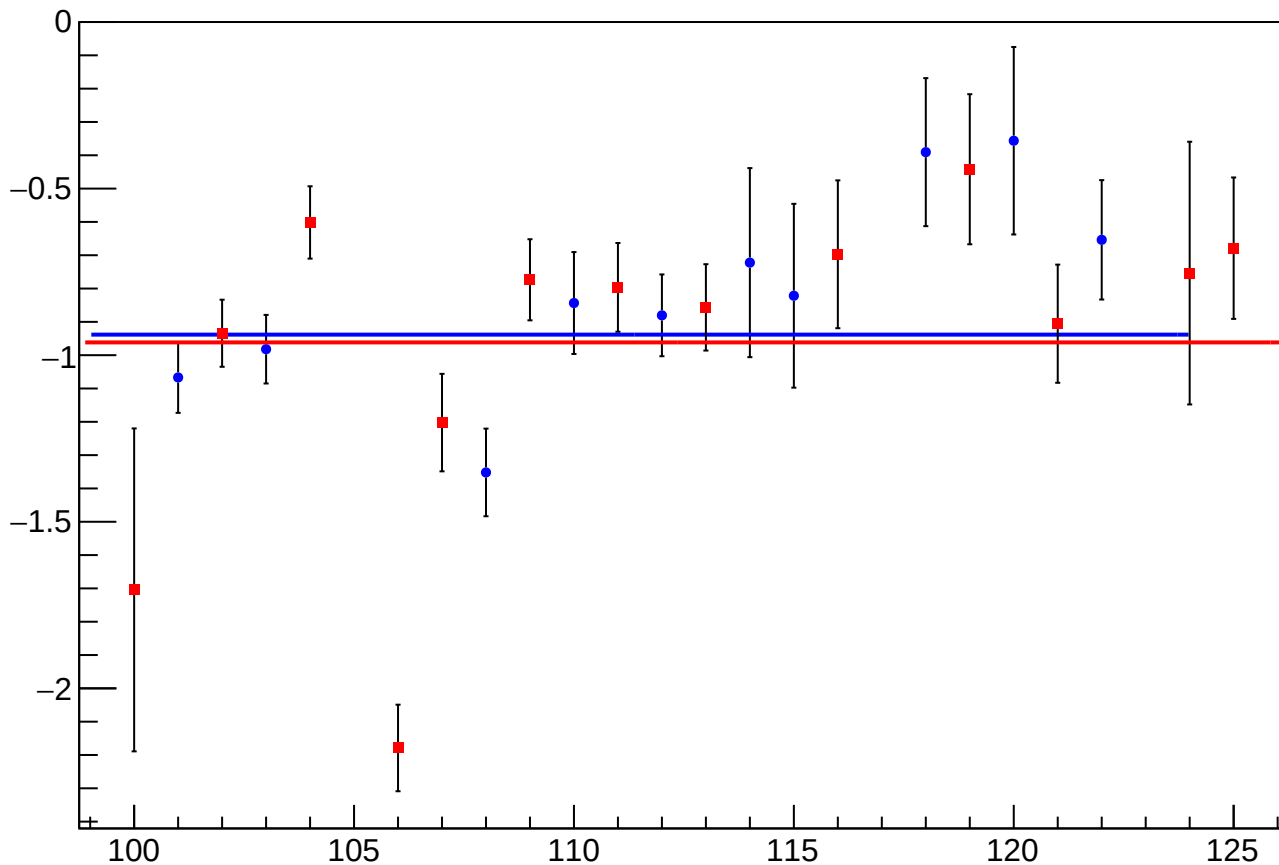
Right: 18.071+/-0.557 χ^2/NDF : 152.0/22

In: 17.153+/-0.839 χ^2/NDF : 85.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.071+/-0.557 χ^2/NDF : 152.0/22

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.938 ± 0.048 χ^2/NDF : 25.8/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.962 ± 0.042 χ^2/NDF : 117.4/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

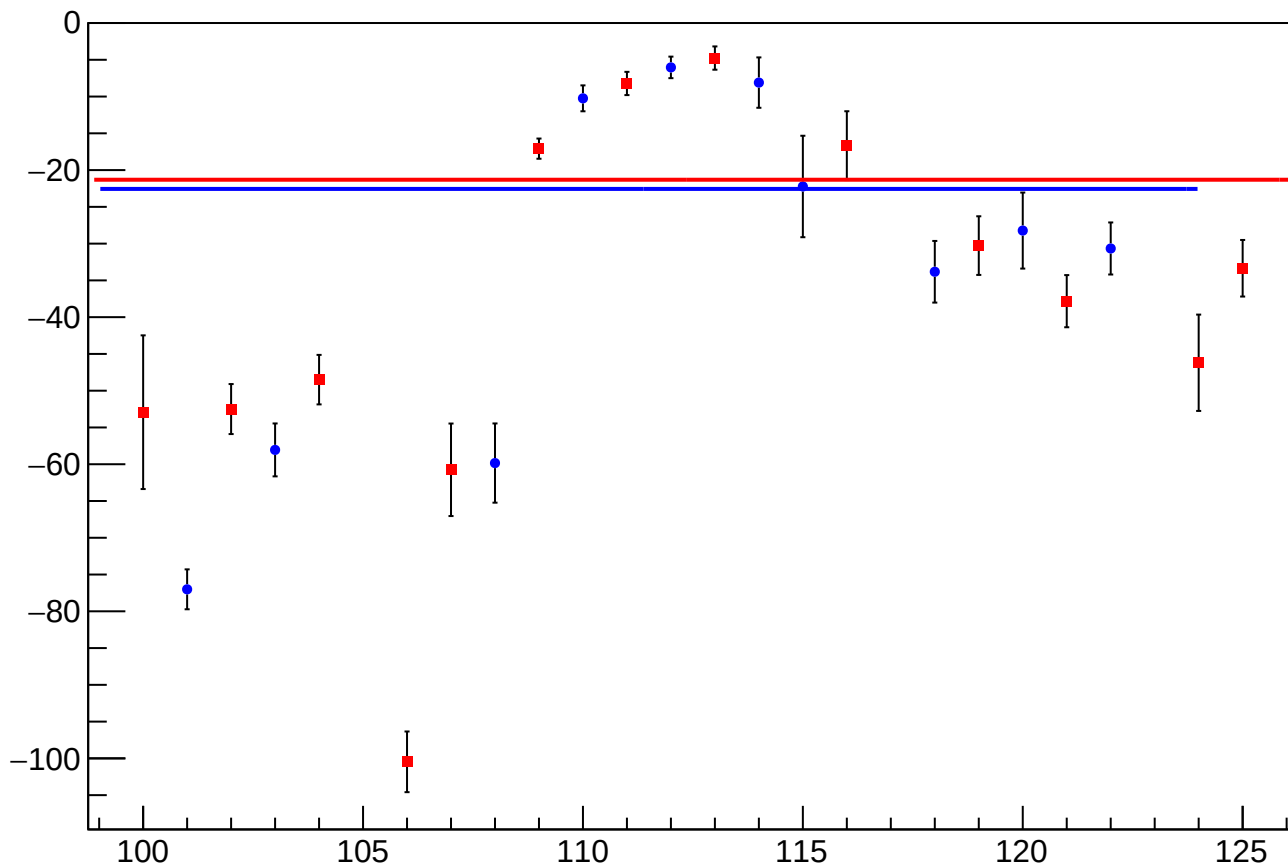
Right: -0.952 ± 0.031 χ^2/NDF : 143.4/22

In: -0.938 ± 0.048 χ^2/NDF : 25.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.952 ± 0.031 χ^2/NDF : 143.4/22

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: -21.311+/-0.730 χ^2/NDF : 805.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

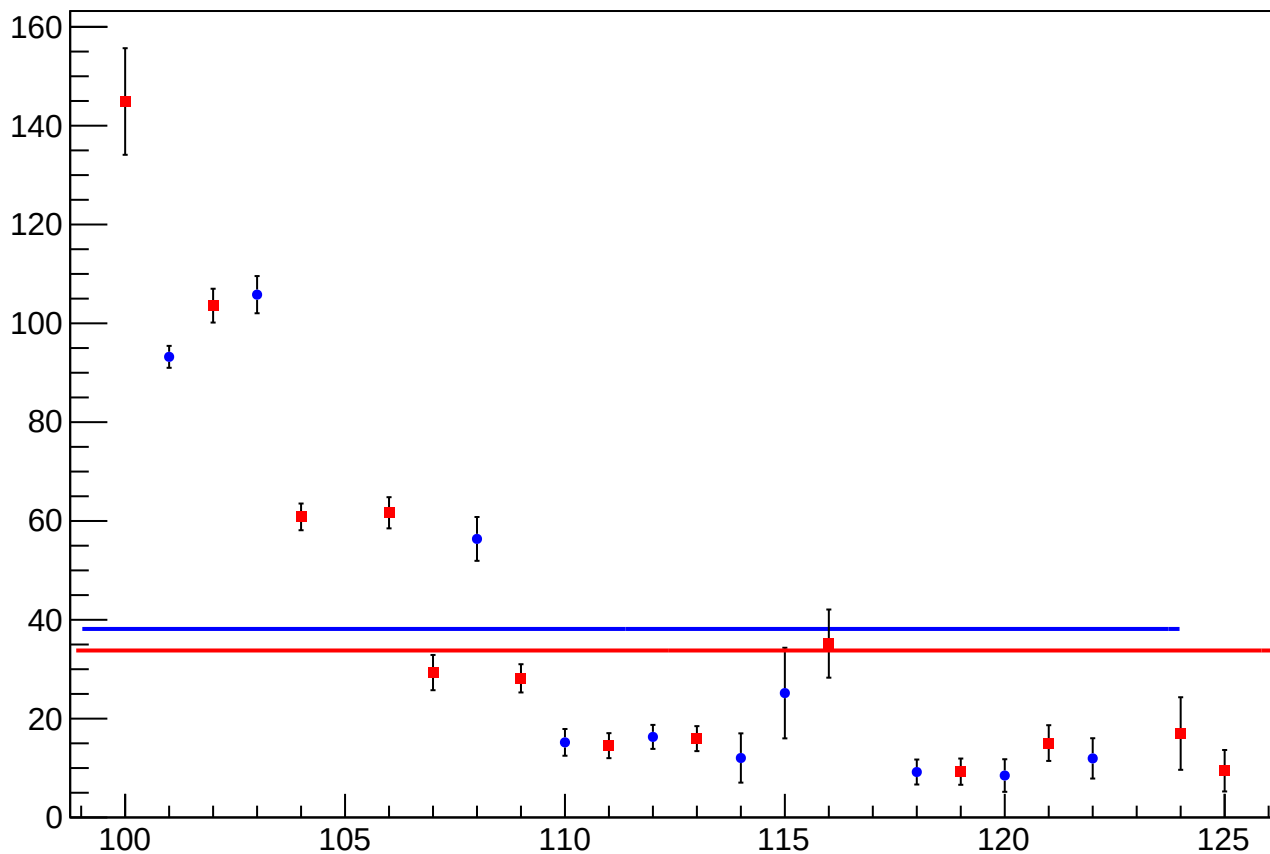
Right: -21.826+/-0.560 χ^2/NDF : 1562.1/22

In: -22.561+/-0.871 χ^2/NDF : 755.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.826+/-0.560 χ^2/NDF : 1562.1/22

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: 33.790+/-0.929 χ^2/NDF : 964.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

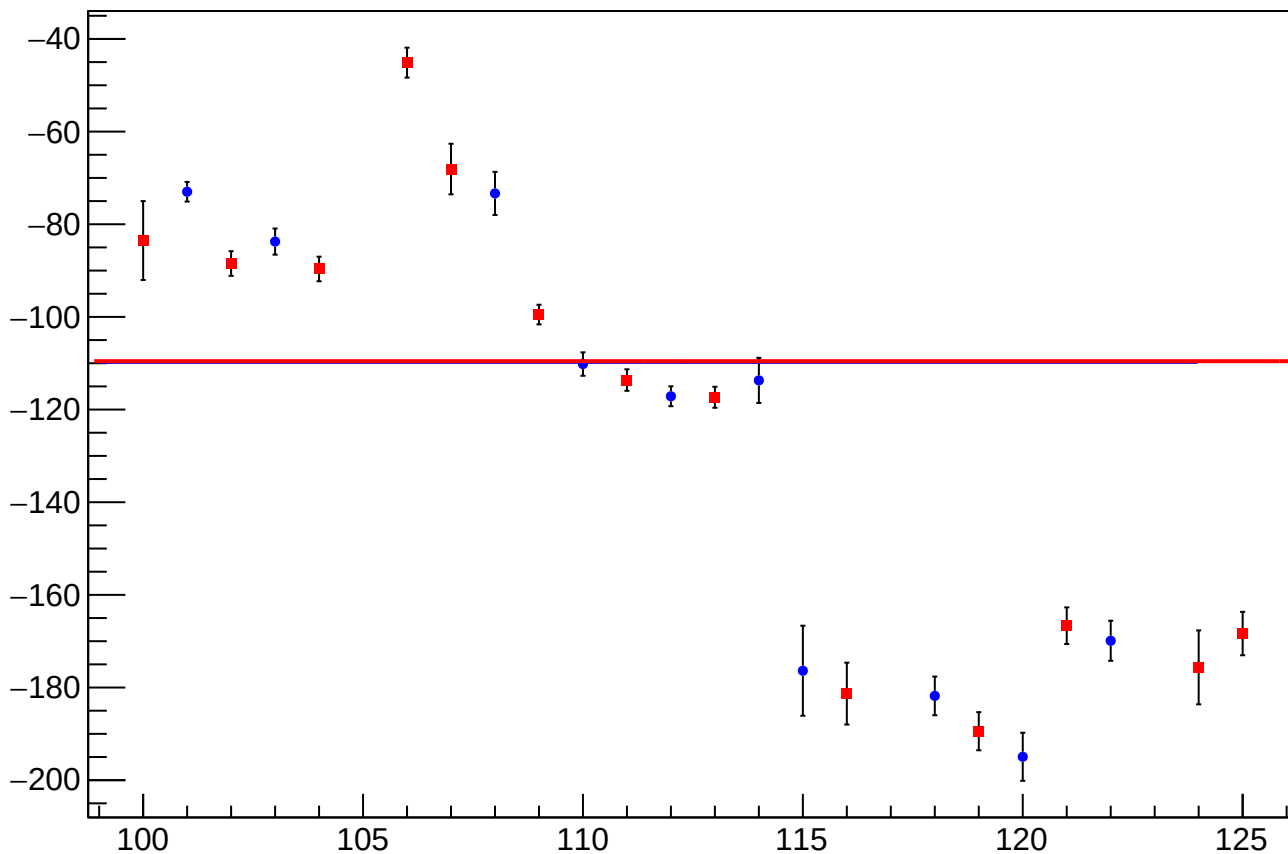
Right: 35.799+/-0.682 χ^2/NDF : 2365.8/22

In: 38.150+/-1.004 χ^2/NDF : 1391.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.799+/-0.682 χ^2/NDF : 2365.8/22

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -109.712 $\pm$ 1.016 χ^2 /NDF: 1267.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -109.561 $\pm$ 0.900 χ^2 /NDF: 1548.8/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

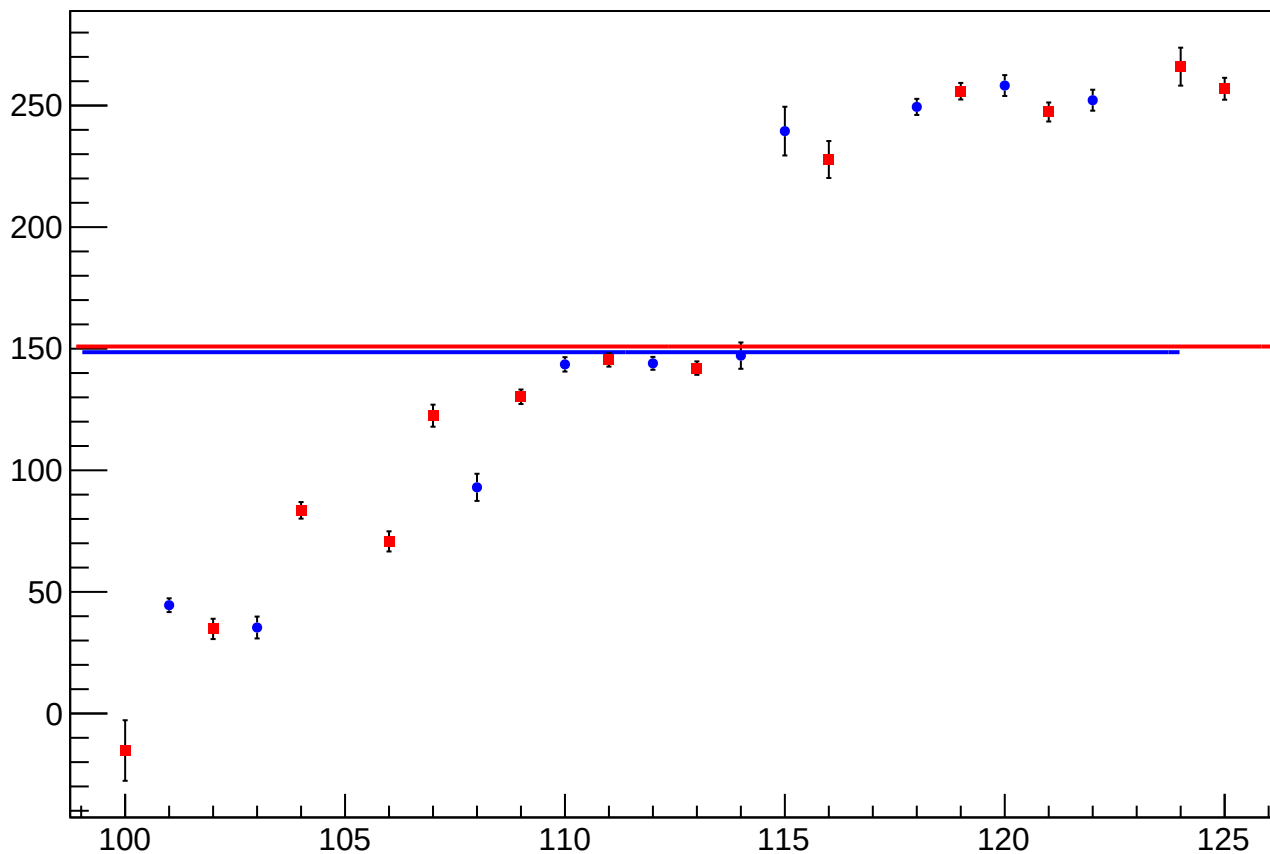
Right: -109.628 $\pm$ 0.674 χ^2 /NDF: 2815.9/22

In: -109.712 $\pm$ 1.016 χ^2 /NDF:1267.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -109.628 $\pm$ 0.674 χ^2 /NDF: 2815.9/22

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: 150.908+/-1.075 χ^2/NDF : 4247.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

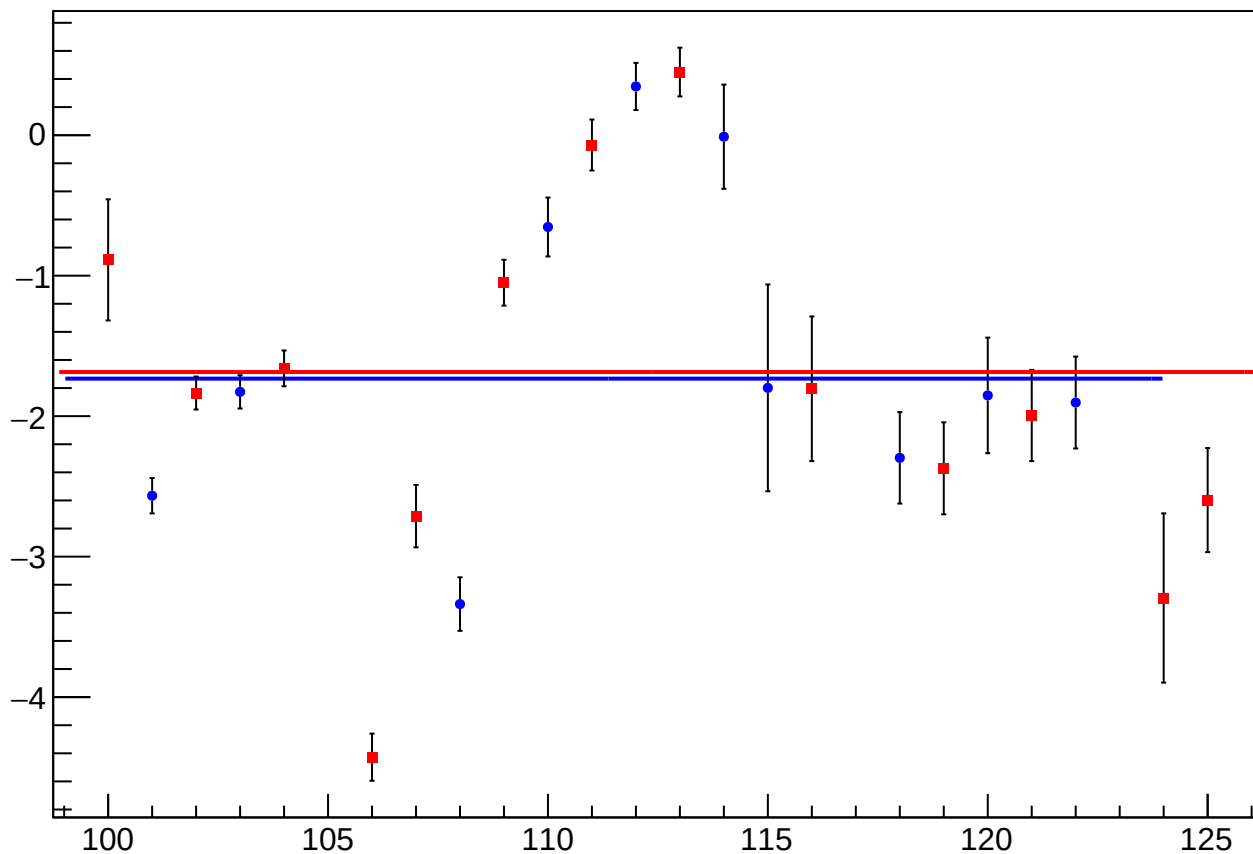
Right: 149.857+/-0.798 χ^2/NDF : 8585.2/22

In: 148.570+/-1.190 χ^2/NDF : 4336.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.857+/-0.798 χ^2/NDF : 8585.2/22

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: -1.686+/-0.055 χ^2/NDF : 557.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

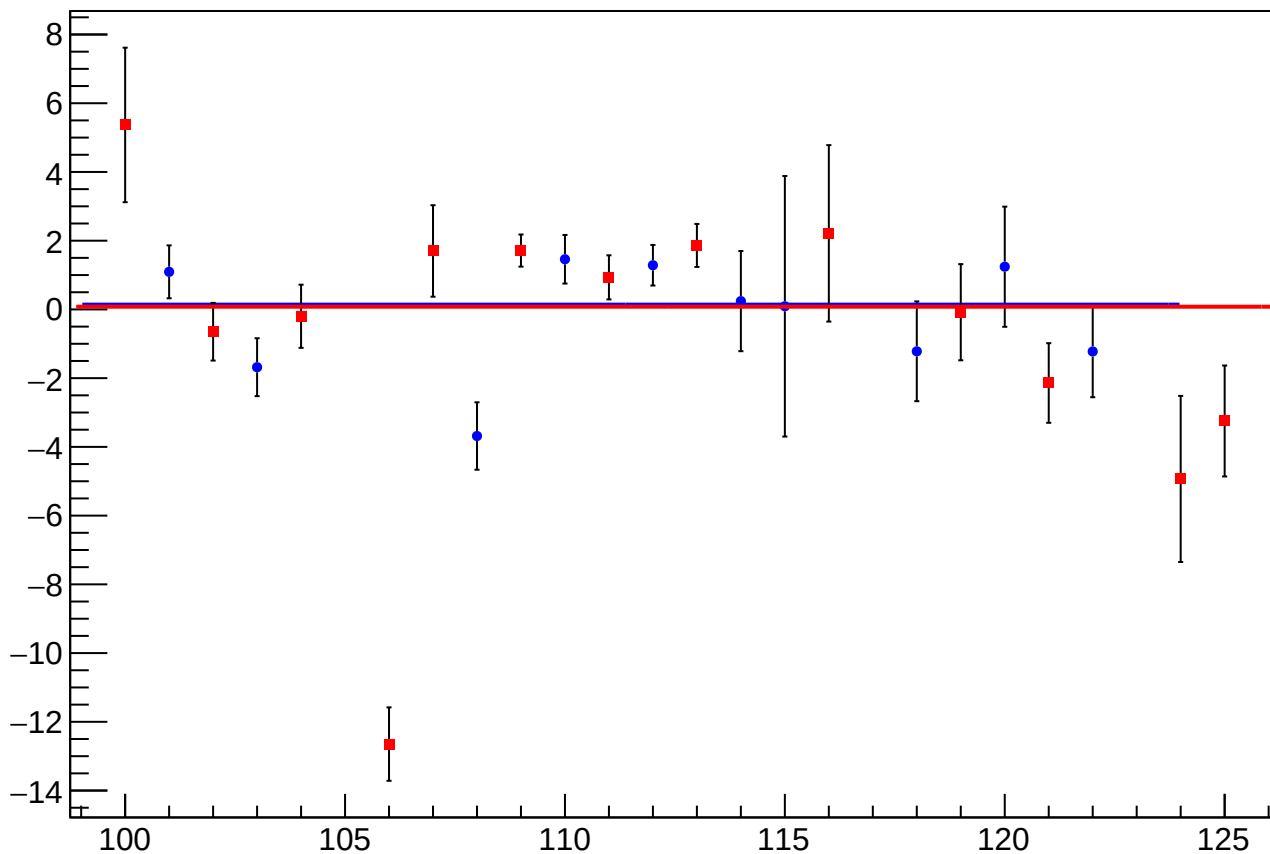
Right: -1.706+/-0.041 χ^2/NDF : 878.5/22

In: -1.733+/-0.063 χ^2/NDF : 320.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.706+/-0.041 χ^2/NDF : 878.5/22

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: 0.079+/-0.252 χ^2/NDF : 184.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

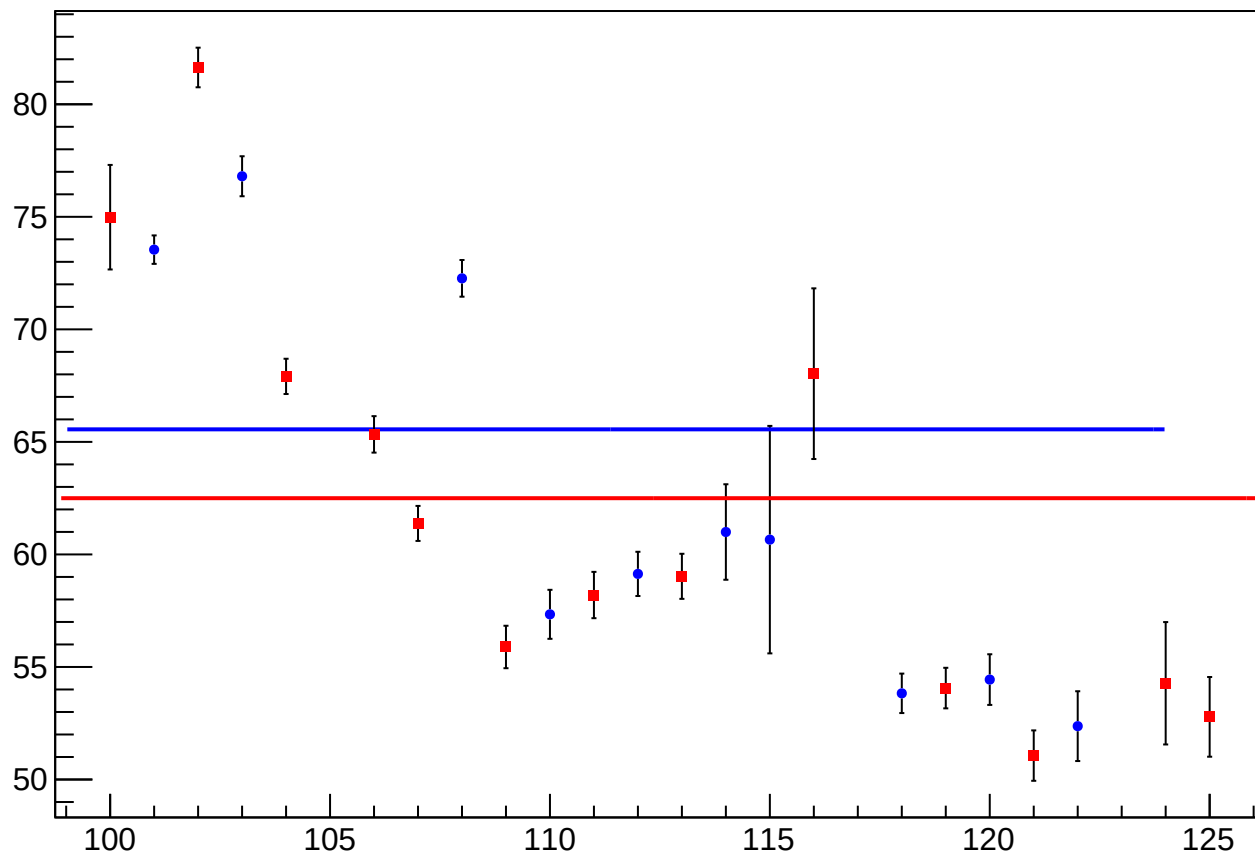
Right: 0.104+/-0.194 χ^2/NDF : 215.8/22

In: 0.139+/-0.303 χ^2/NDF : 31.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.104+/-0.194 χ^2/NDF : 215.8/22

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 65.557+/-0.317 χ^2/NDF : 841.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.499+/-0.290 χ^2/NDF : 875.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

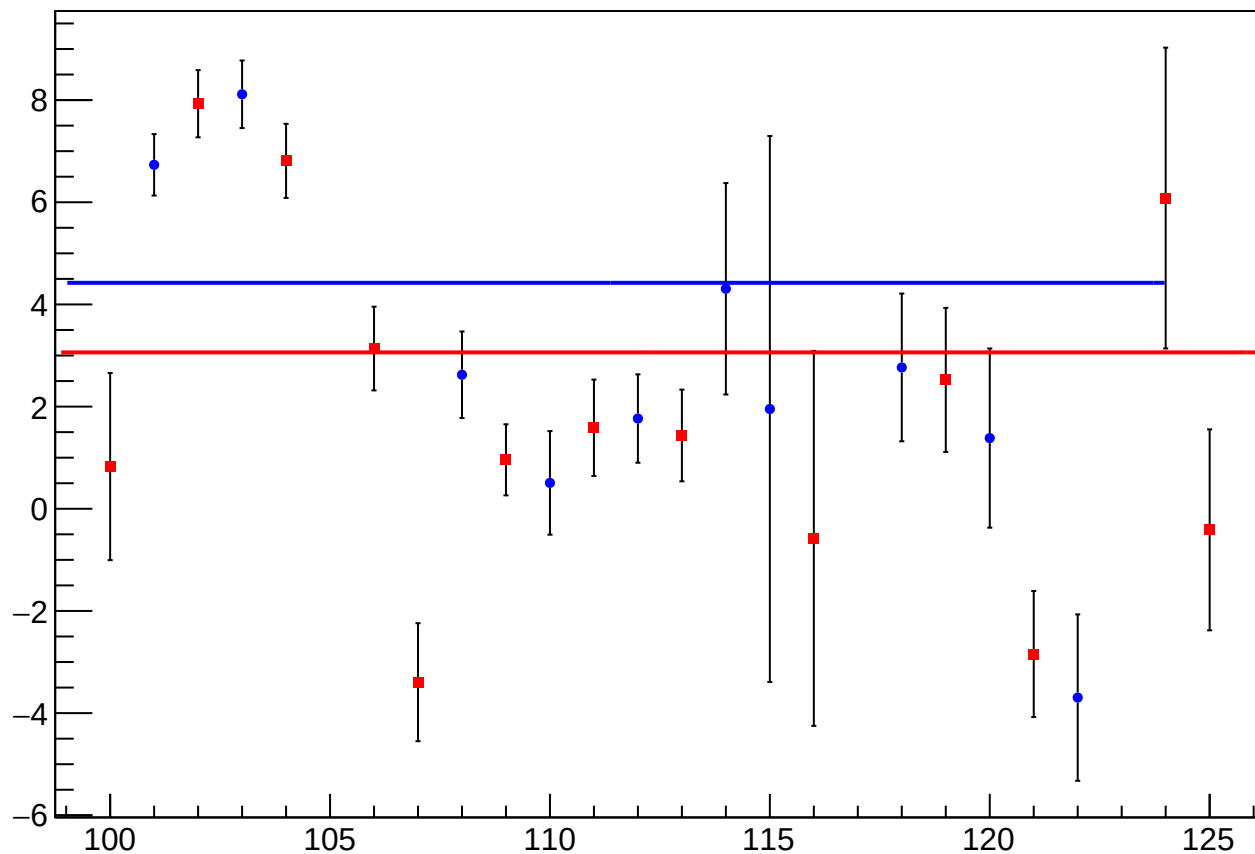
Right: 63.889+/-0.214 χ^2/NDF : 1768.1/22

In: 65.557+/-0.317 χ^2/NDF : 841.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.889+/-0.214 χ^2/NDF : 1768.1/22

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 4.423 ± 0.313 $\chi^2/\text{NDF}: 104.1/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 3.061 ± 0.280 $\chi^2/\text{NDF}: 157.4/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

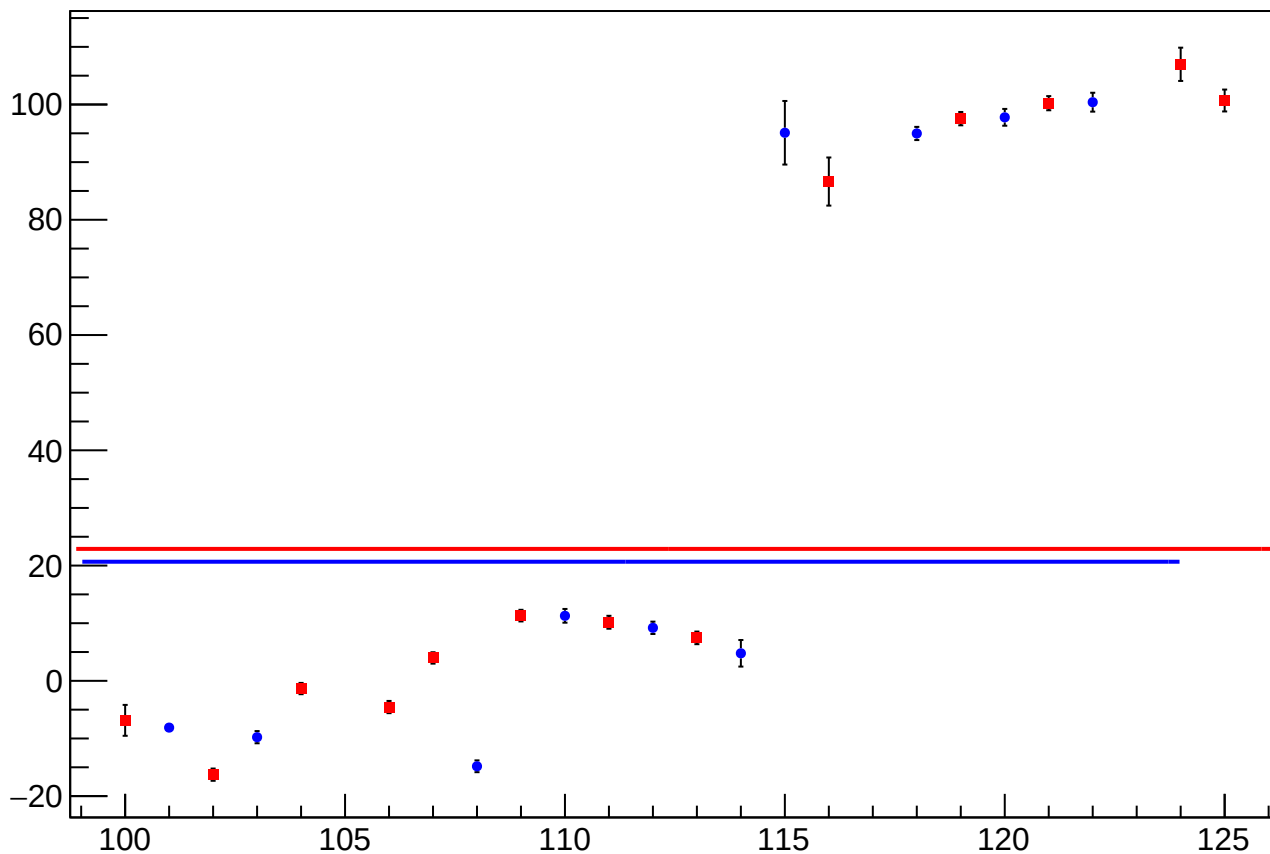
Right: 3.666 ± 0.209 $\chi^2/\text{NDF}: 272.0/22$

In: 4.423 ± 0.313 $\chi^2/\text{NDF}: 104.1/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 3.666 ± 0.209 $\chi^2/\text{NDF}: 272.0/22$

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.667 ± 0.383 $\chi^2/\text{NDF}: 13107.0/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 22.894 ± 0.344 $\chi^2/\text{NDF}: 14480.3/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

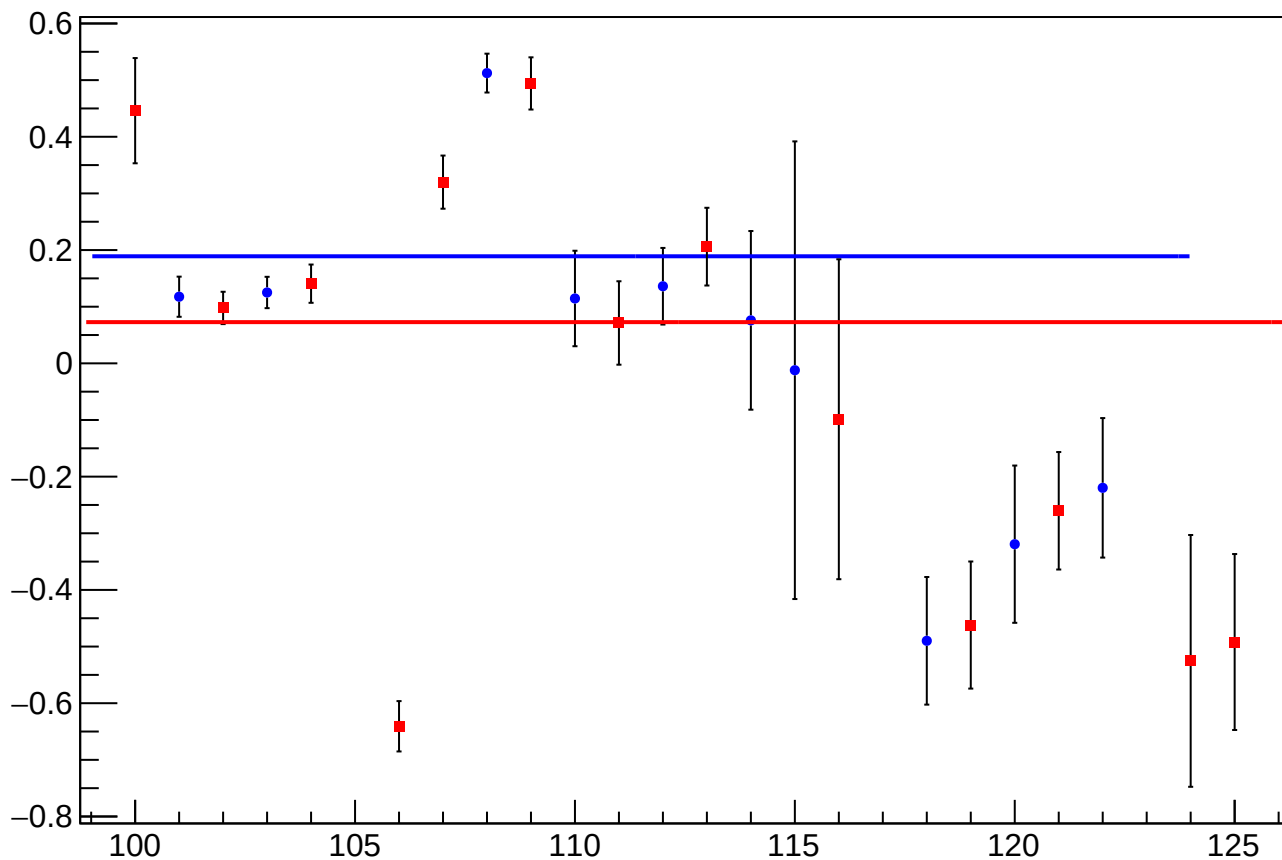
Right: 21.902 ± 0.256 $\chi^2/\text{NDF}: 27605.9/22$

In: 20.667 ± 0.383 $\chi^2/\text{NDF}: 13107.0/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 21.902 ± 0.256 $\chi^2/\text{NDF}: 27605.9/22$

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: 0.073+/-0.015 χ^2/NDF : 447.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

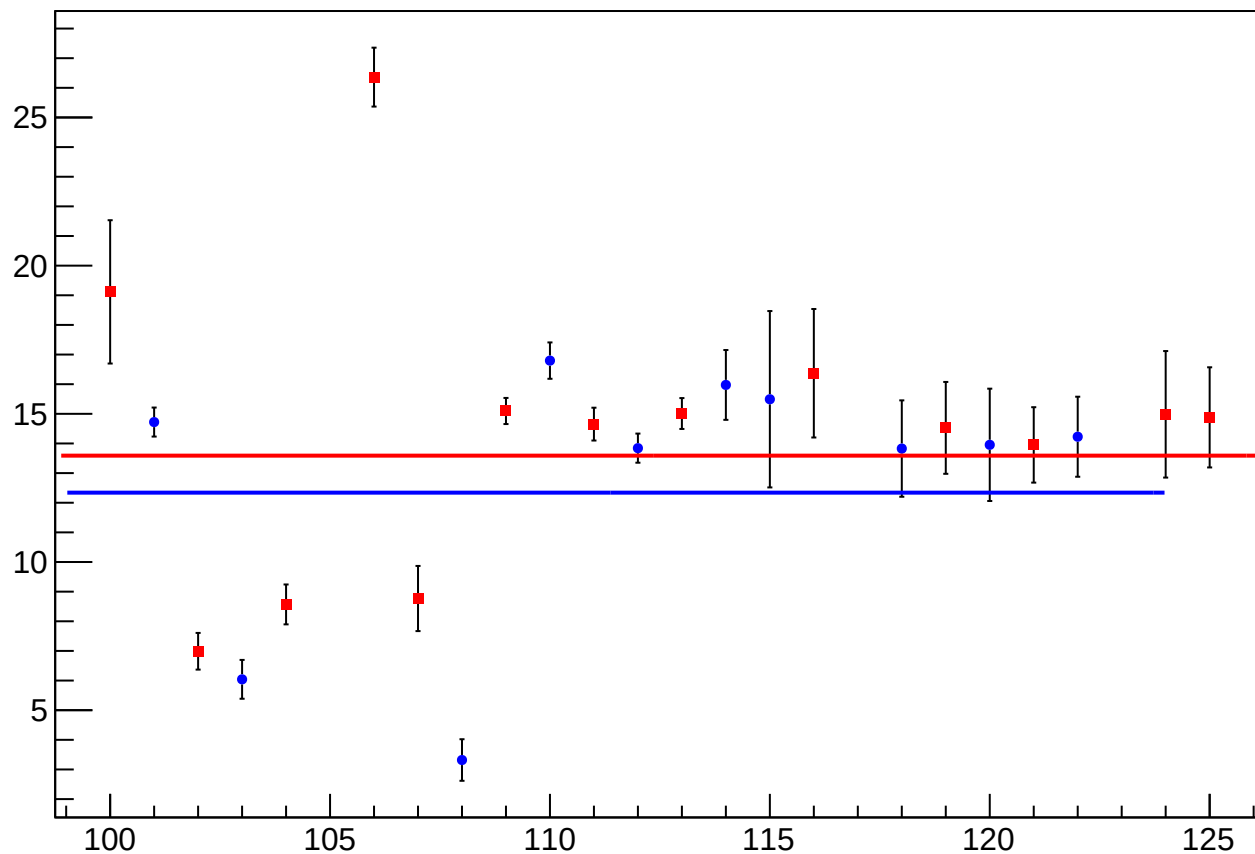
Right: 0.125+/-0.011 χ^2/NDF : 635.1/22

In: 0.189+/-0.017 χ^2/NDF : 161.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.125+/-0.011 χ^2/NDF : 635.1/22

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: 13.589+/-0.220 χ^2/NDF : 385.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

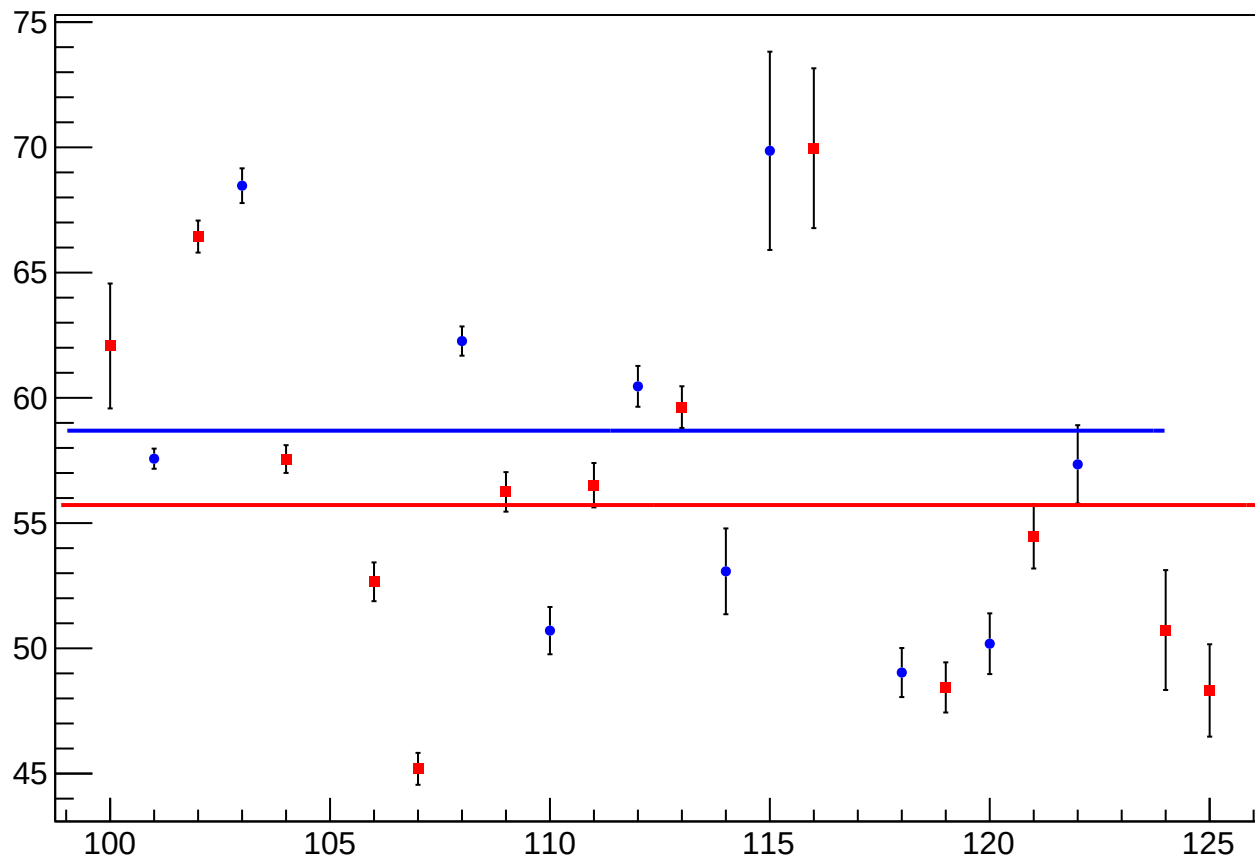
Right: 13.020+/-0.162 χ^2/NDF : 757.5/22

In: 12.341+/-0.240 χ^2/NDF : 357.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.020+/-0.162 χ^2/NDF : 757.5/22

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: 55.720+/-0.246 χ^2/NDF : 705.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

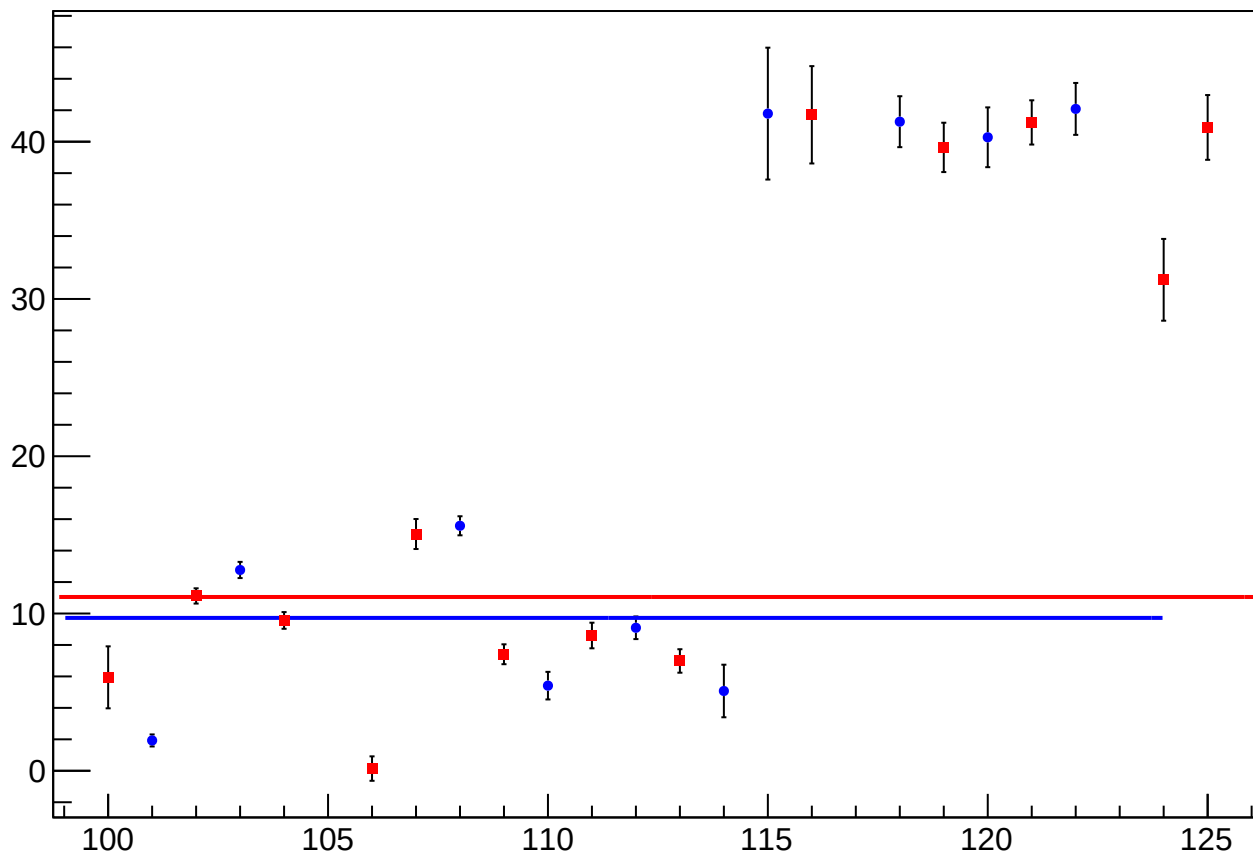
Right: 57.199+/-0.174 χ^2/NDF : 1264.4/22

In: 58.689+/-0.247 χ^2/NDF : 486.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.199+/-0.174 χ^2/NDF : 1264.4/22

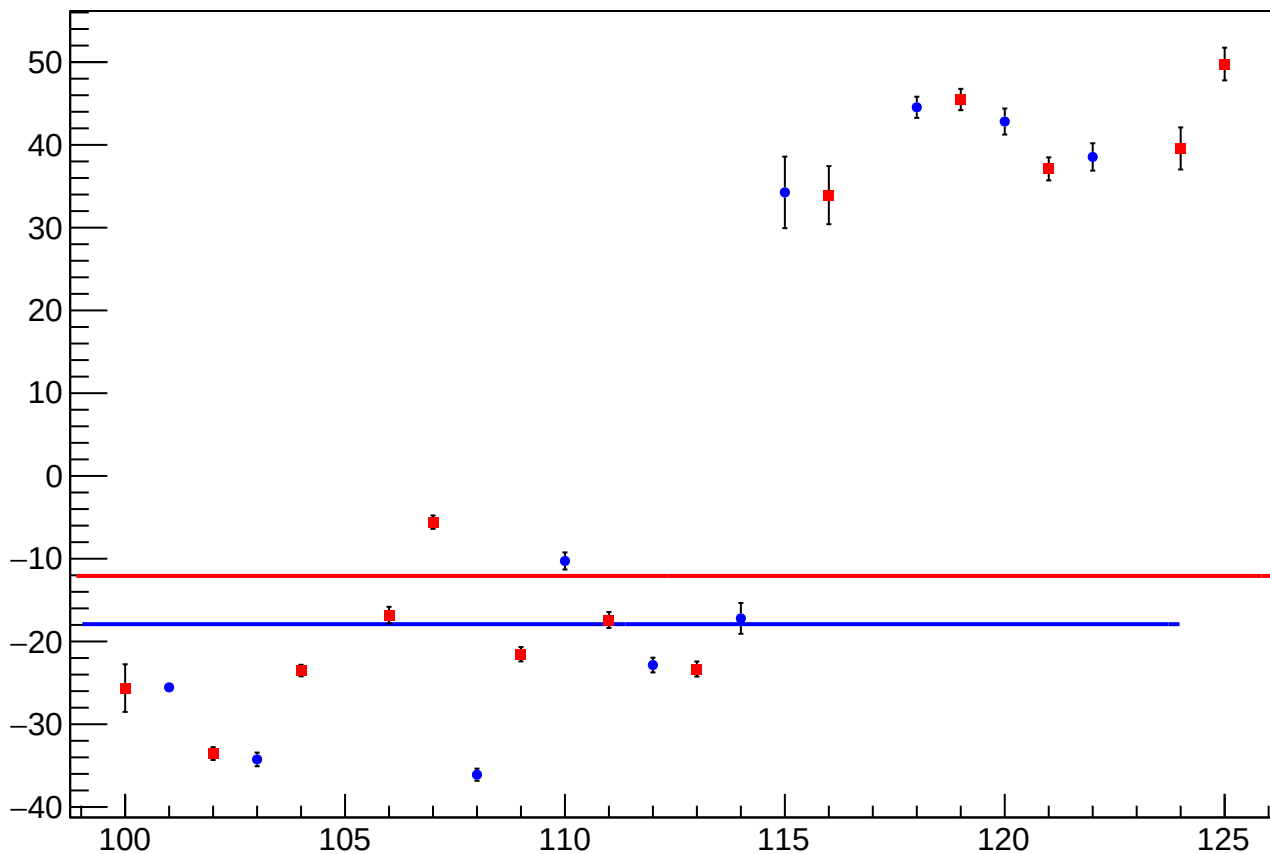
reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 11.051+/-0.236 χ^2/NDF : 1462.0/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 10.386+/-0.167 χ^2/NDF : 3134.6/22
 In: 9.721+/-0.236 χ^2/NDF : 1656.6/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 10.386+/-0.167 χ^2/NDF : 3134.6/22

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: -12.079 $\pm$ 0.294 χ^2 /NDF: 6256.4/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

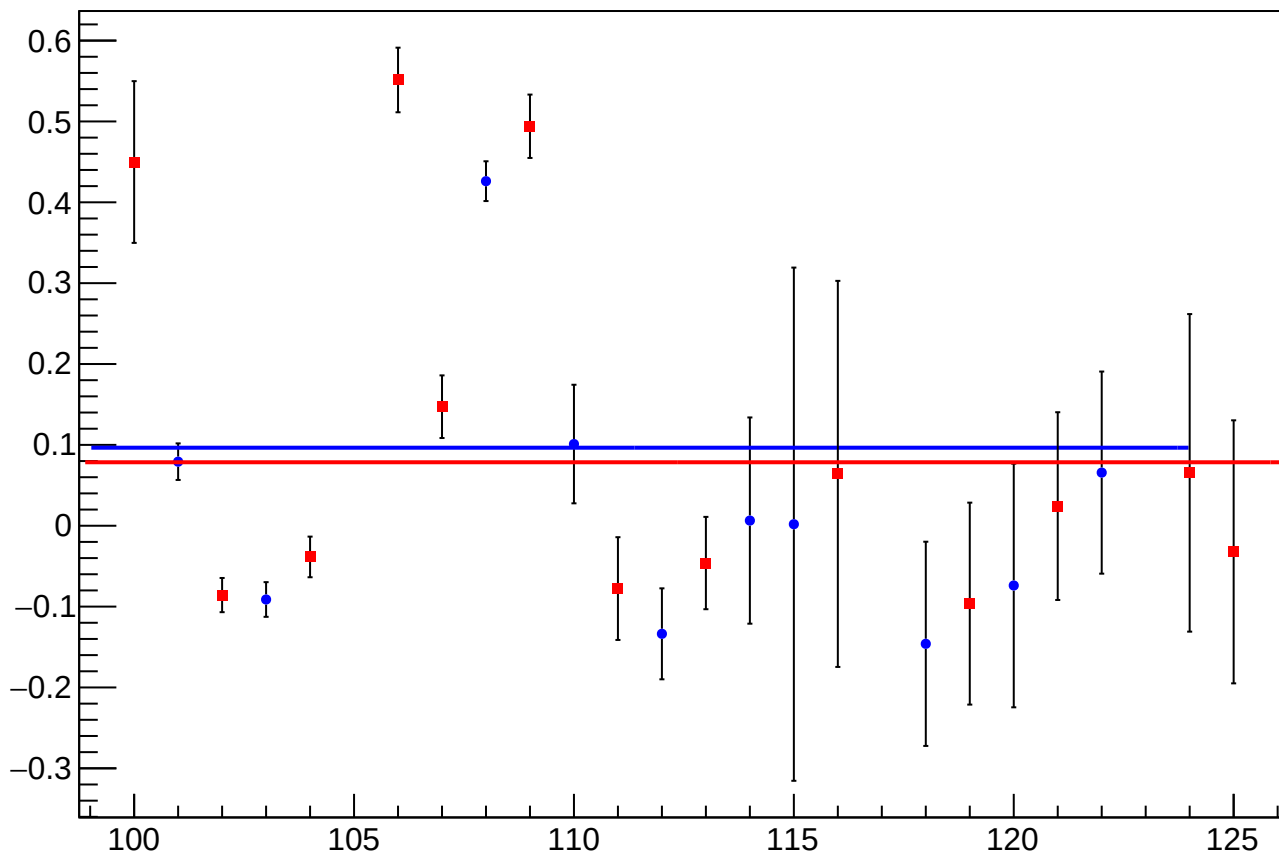
Right: -14.931 $\pm$ 0.210 χ^2 /NDF: 12944.6/22

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: -14.931 $\pm$ 0.210 χ^2 /NDF: 12944.6/22

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: 364.9/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

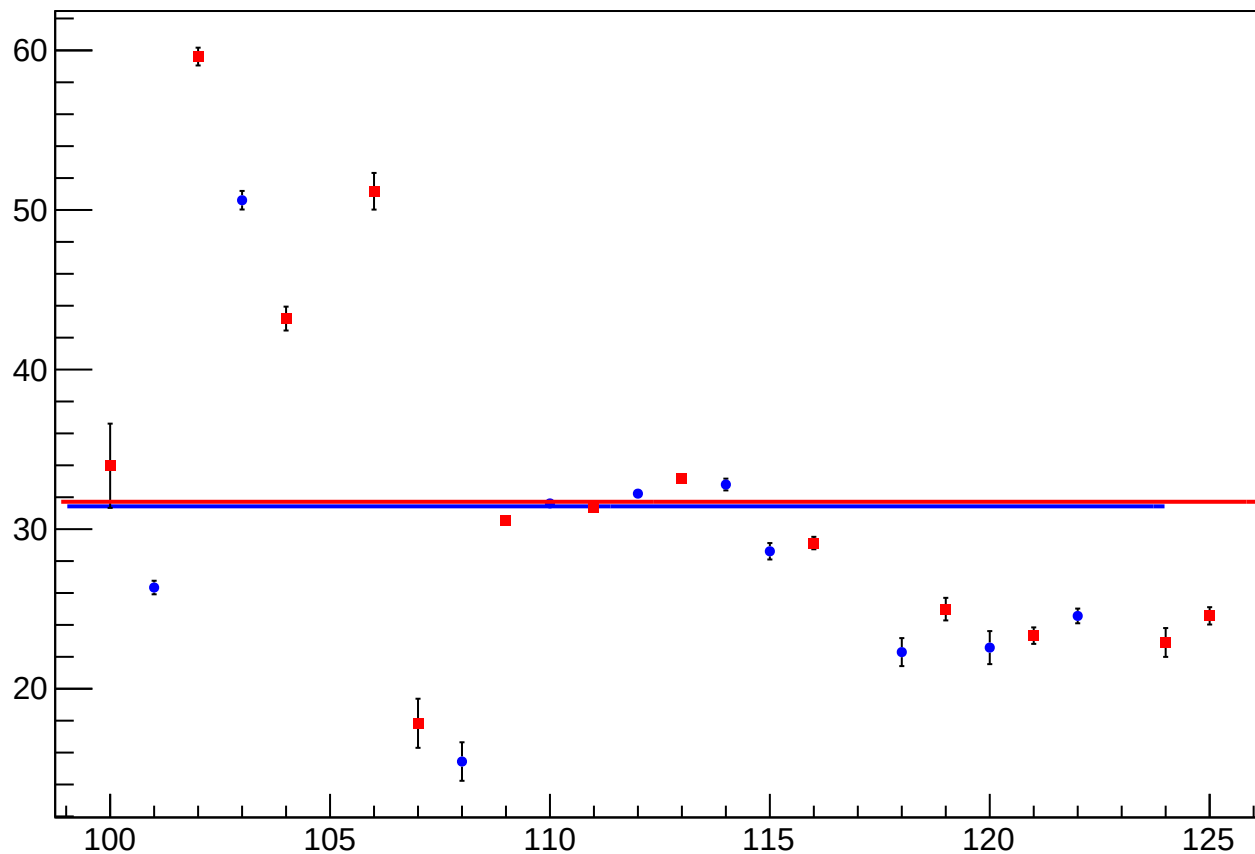
Right: 0.087 $\pm$ 0.009 χ^2 /NDF: 645.1/22

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: 0.087 $\pm$ 0.009 χ^2 /NDF: 645.1/22

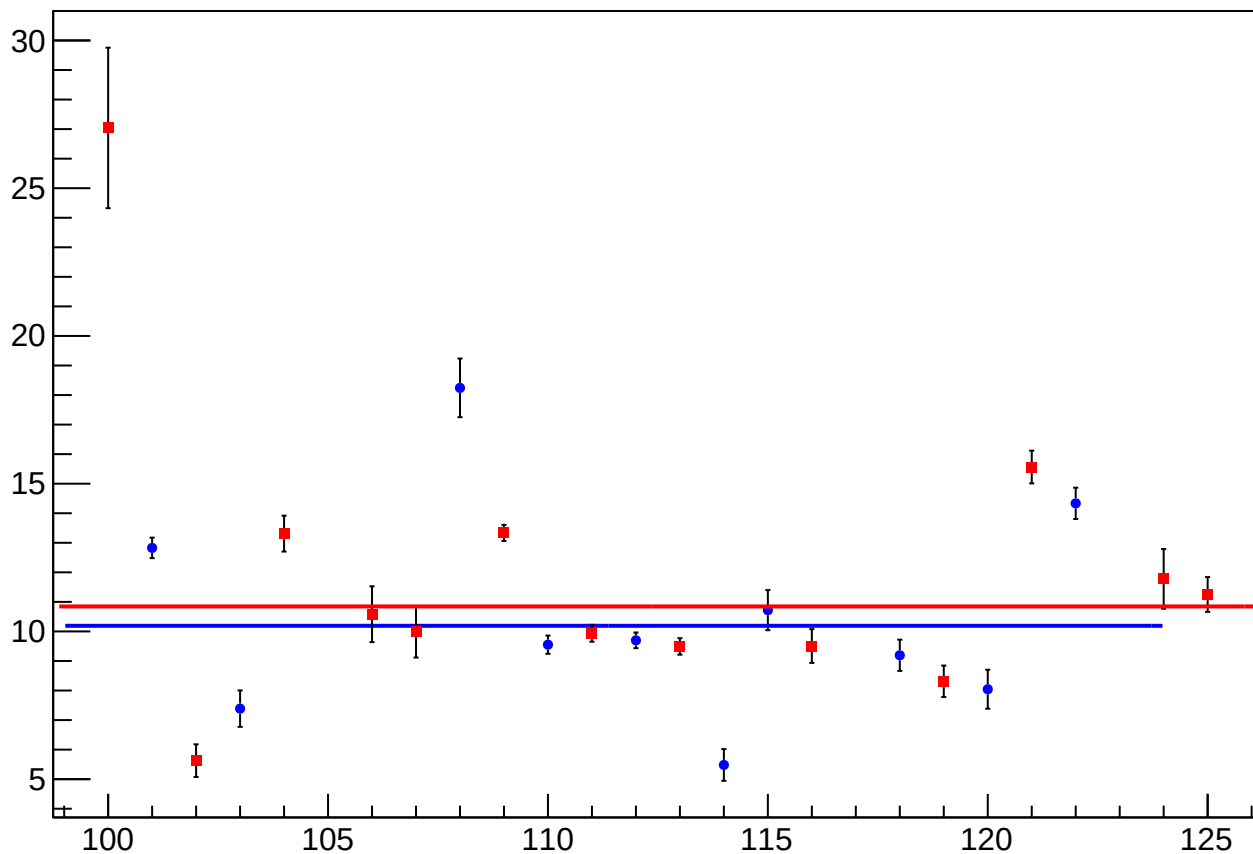
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



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: 31.716+/-0.085 χ^2/NDF : 3914.0/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 31.602+/-0.066 χ^2/NDF : 5795.6/22
 In: 31.429+/-0.105 χ^2/NDF : 1877.0/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 31.602+/-0.066 χ^2/NDF : 5795.6/22

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: 10.846+/-0.128 χ^2 /NDF: 362.1/12

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

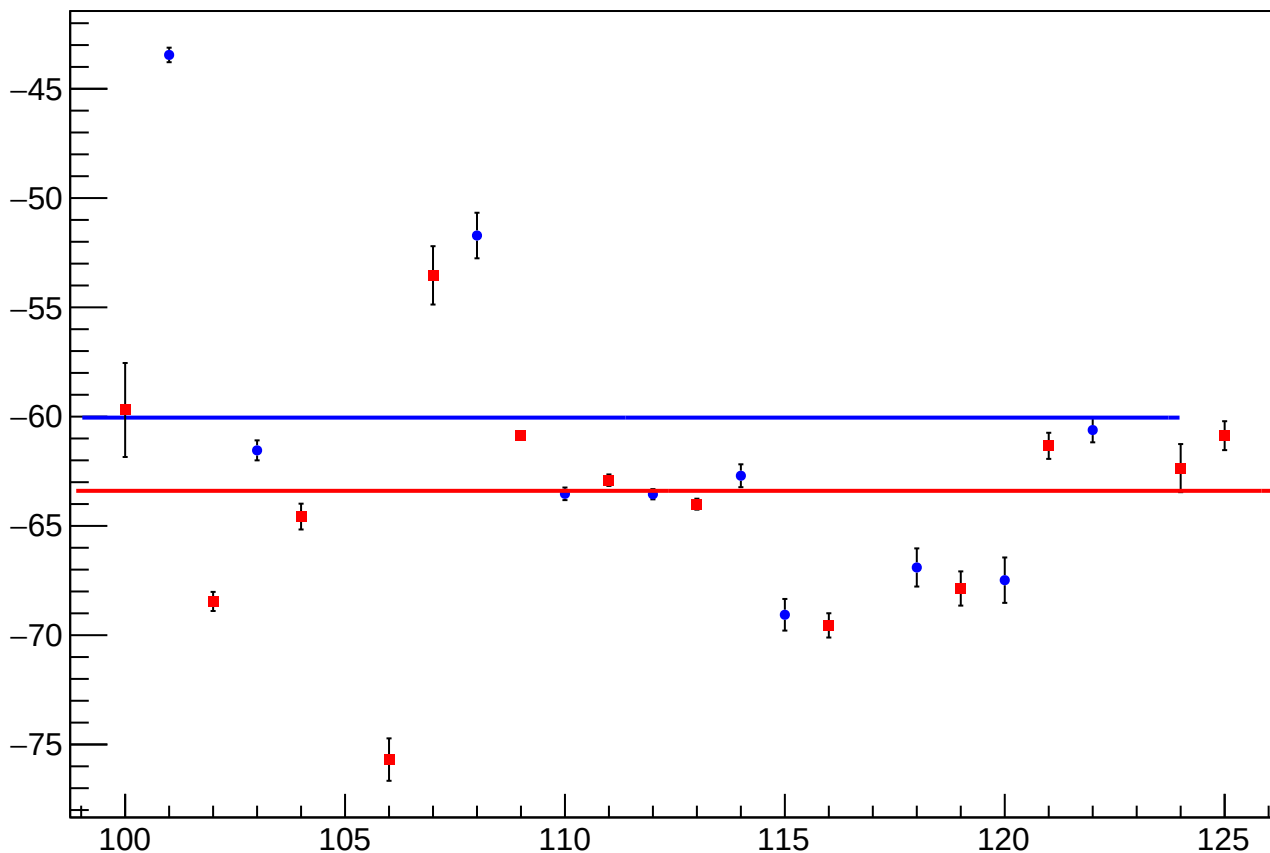
Right: 10.545+/-0.094 χ^2 /NDF: 679.0/22

In: 10.191+/-0.139 χ^2 /NDF: 304.8/9

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 10.545+/-0.094 χ^2 /NDF: 679.0/22

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: -63.395+/-0.117 χ^2/NDF : 686.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

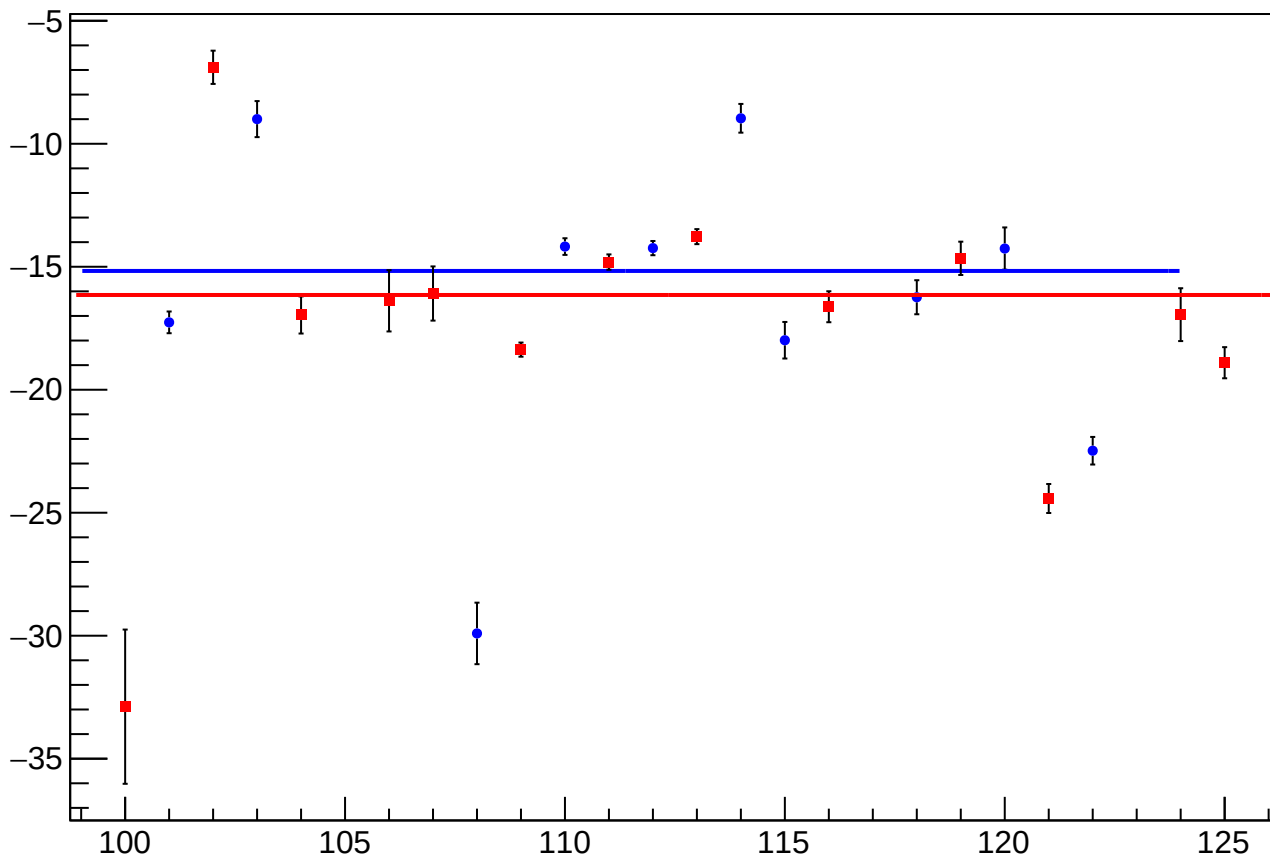
Right: -61.935+/-0.088 χ^2/NDF : 4270.9/22

In: -60.045+/-0.134 χ^2/NDF : 3230.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -61.935+/-0.088 χ^2/NDF : 4270.9/22

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -15.170 ± 0.159 χ^2/NDF : 551.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -16.148 ± 0.142 χ^2/NDF : 578.0/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

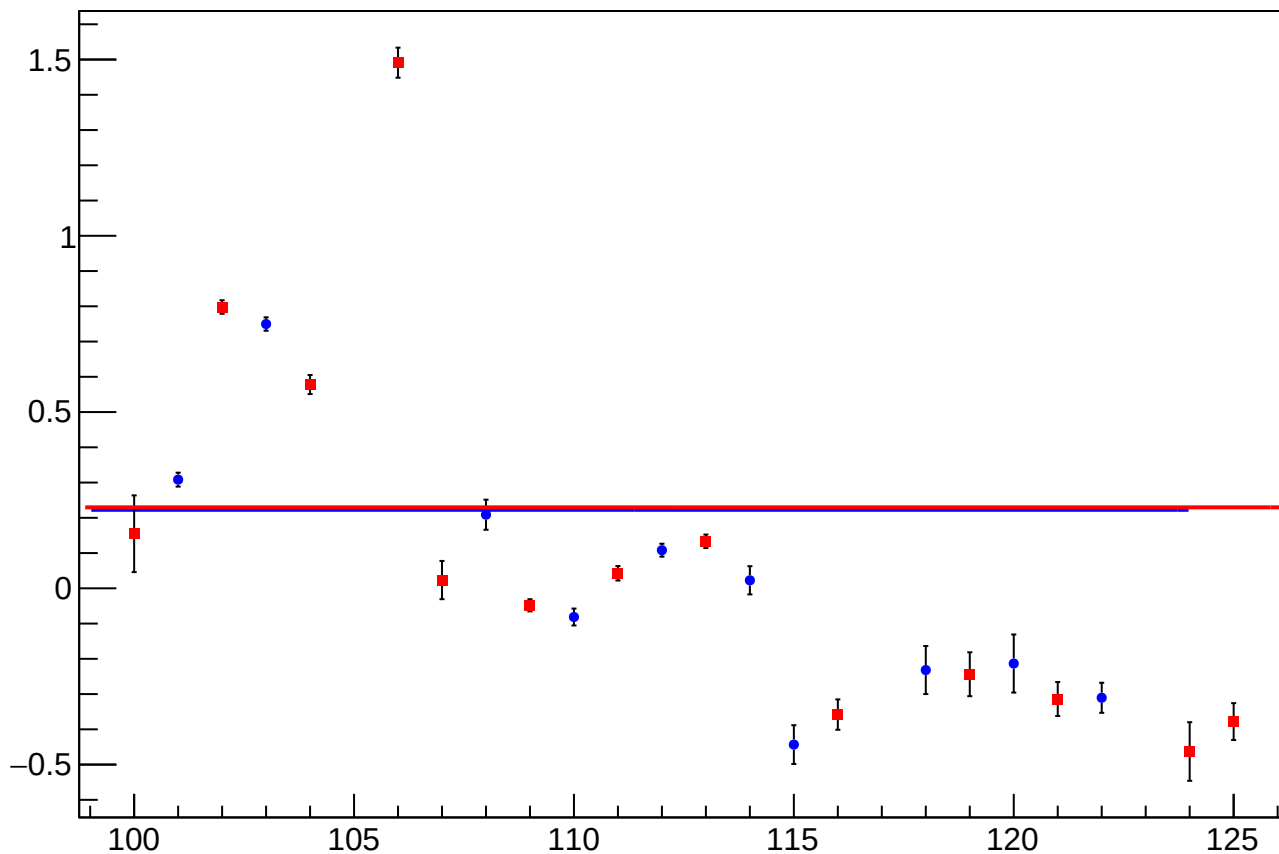
Right: -15.713 ± 0.106 χ^2/NDF : 1150.7/22

In: -15.170 ± 0.159 χ^2/NDF : 551.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.713 ± 0.106 χ^2/NDF : 1150.7/22

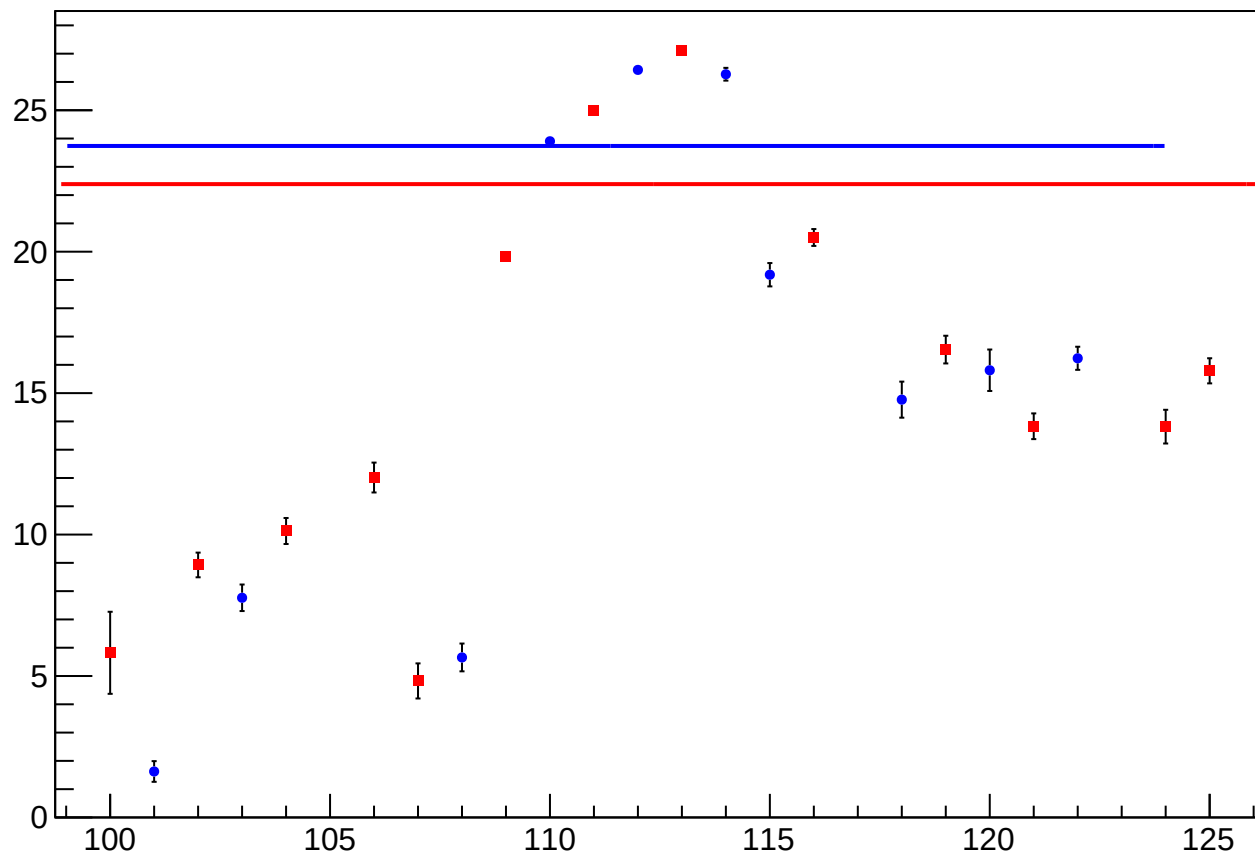
reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



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: 0.230+/-0.008 χ^2/NDF : 2877.9/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.227+/-0.006 χ^2/NDF : 4266.9/22
 In: 0.223+/-0.009 χ^2/NDF : 1388.6/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.227+/-0.006 χ^2/NDF : 4266.9/22

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: 22.388+/-0.048 χ^2/NDF : 8163.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

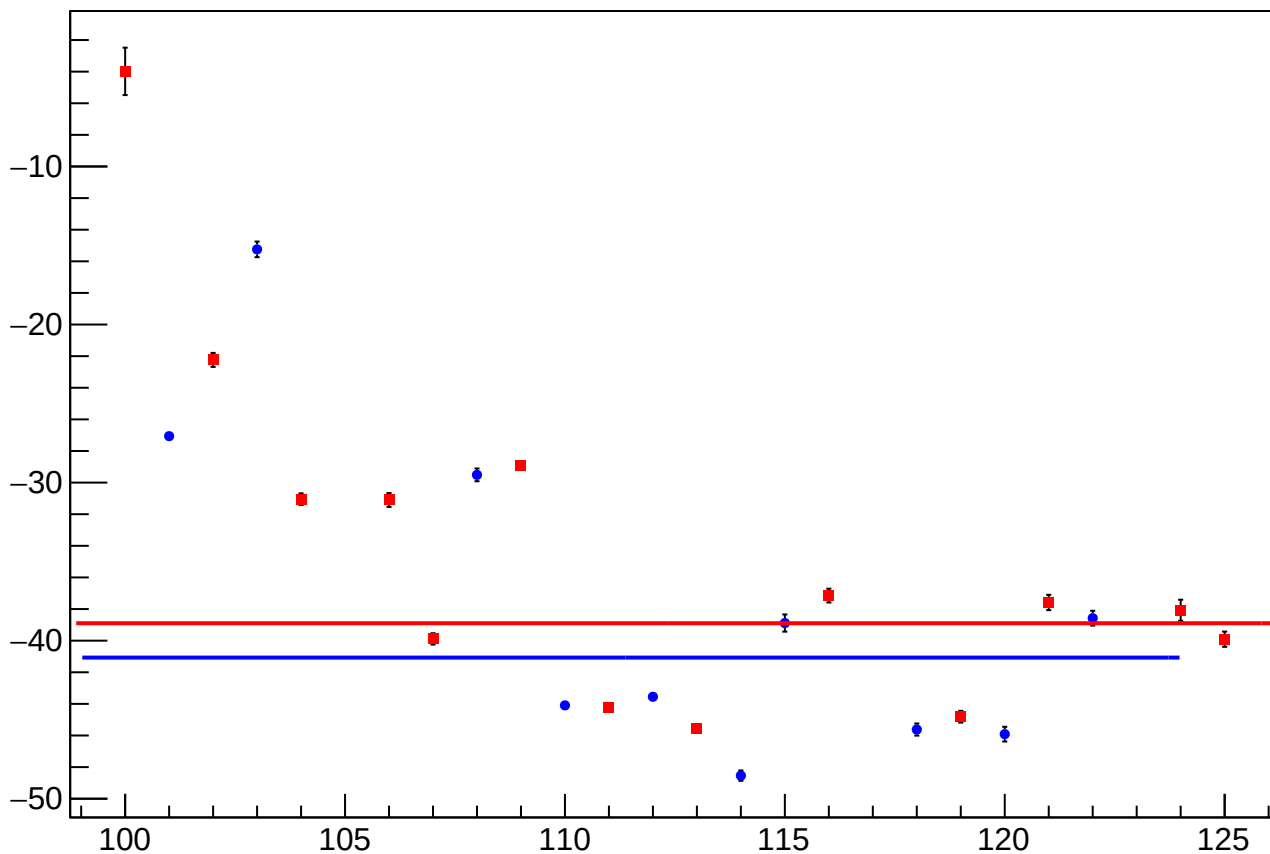
Right: 22.905+/-0.037 χ^2/NDF : 16505.9/22

In: 23.738+/-0.060 χ^2/NDF : 8035.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.905+/-0.037 χ^2/NDF : 16505.9/22

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -41.070 $\pm$ 0.086 χ^2 /NDF: 7199.6/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -38.897 $\pm$ 0.076 χ^2 /NDF: 9686.7/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

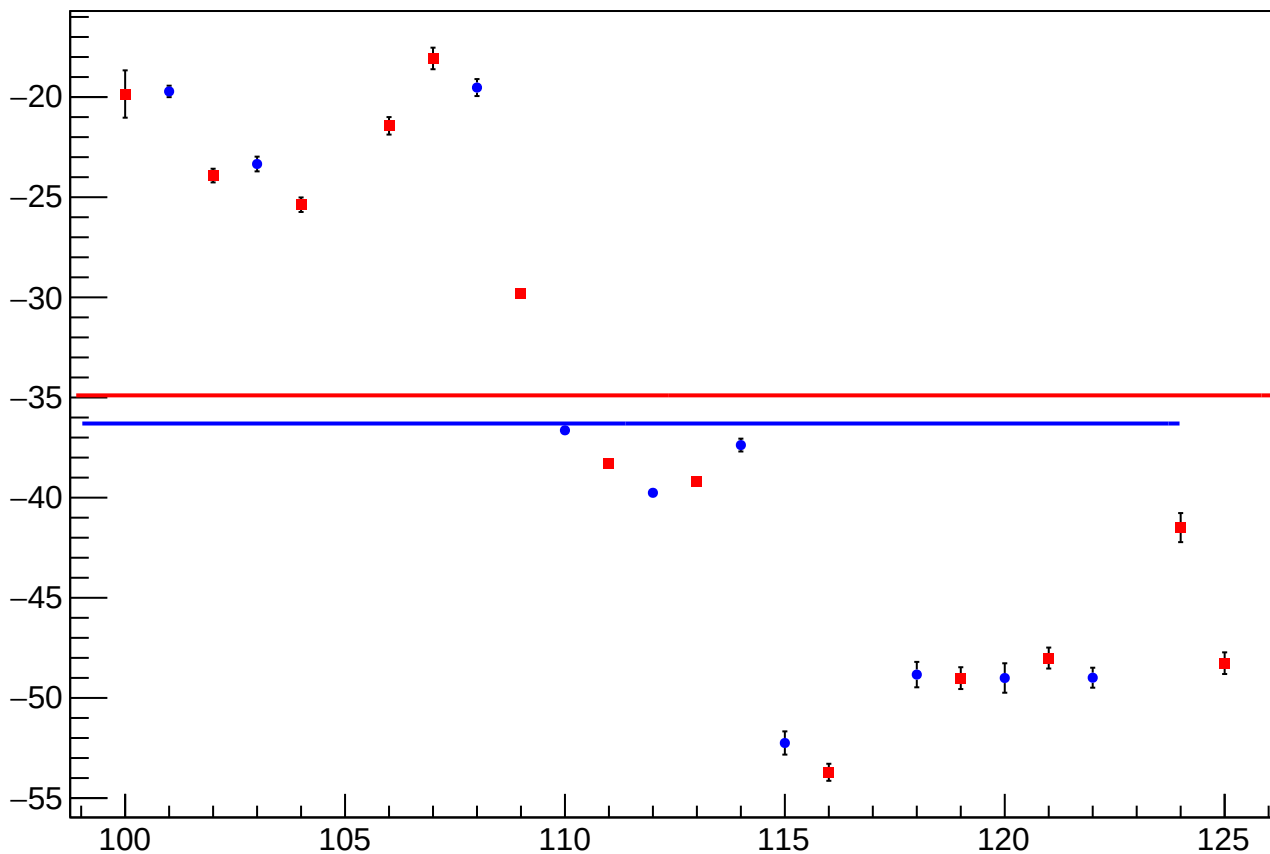
Right: -39.850 $\pm$ 0.057 χ^2 /NDF: 17244.0/22

In: -41.070 $\pm$ 0.086 χ^2 /NDF:7199.6/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -39.850 $\pm$ 0.057 χ^2 /NDF: 17244.0/22

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -36.299 ± 0.081 $\chi^2/\text{NDF}: 9012.4/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -34.894 ± 0.067 $\chi^2/\text{NDF}: 11169.2/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

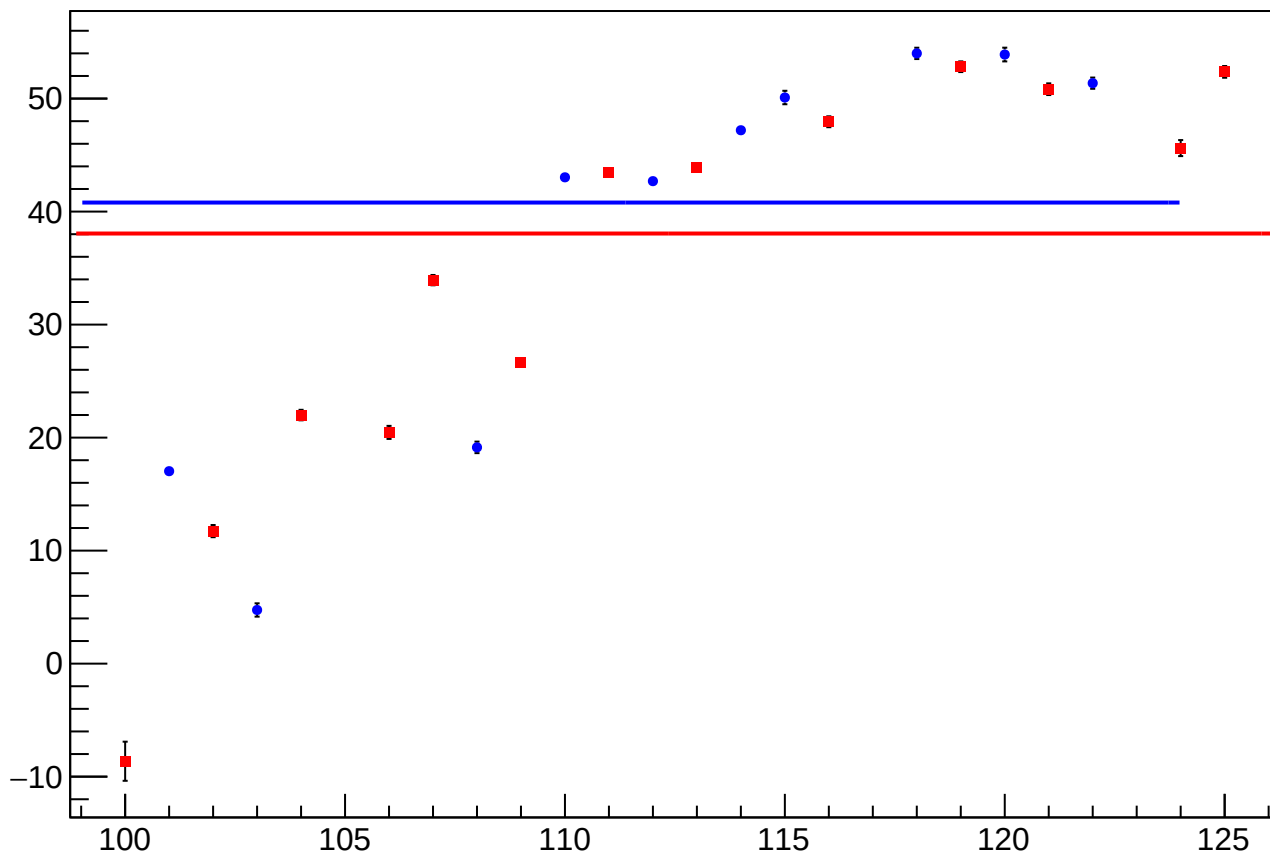
Right: -35.465 ± 0.052 $\chi^2/\text{NDF}: 20358.4/22$

In: -36.299 ± 0.081 $\chi^2/\text{NDF}: 9012.4/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -35.465 ± 0.052 $\chi^2/\text{NDF}: 20358.4/22$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.799 $\pm$ 0.097 χ^2 /NDF: 11948.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 38.059 $\pm$ 0.084 χ^2 /NDF: 14911.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

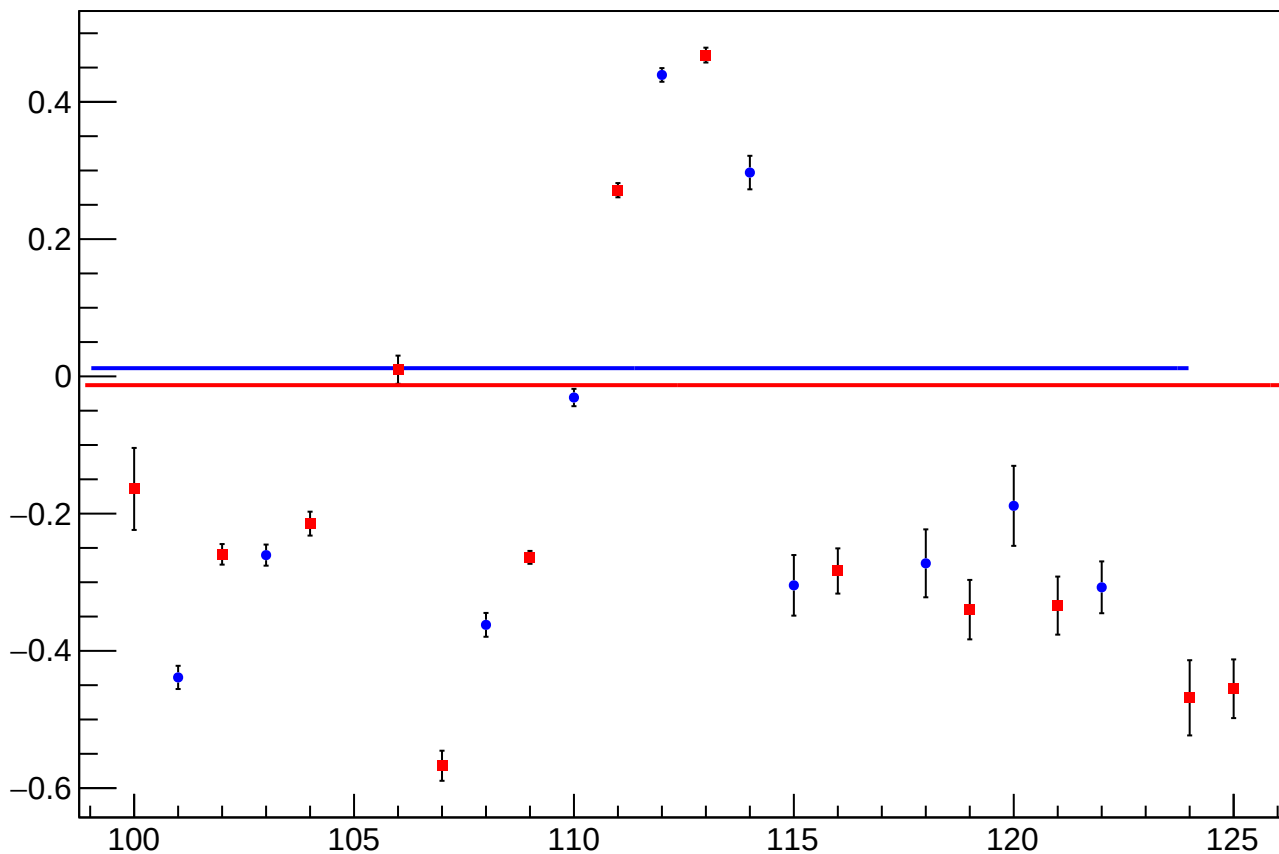
Right: 39.233 $\pm$ 0.063 χ^2 /NDF: 27316.2/22

In: 40.799 $\pm$ 0.097 χ^2 /NDF:11948.9/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 39.233 $\pm$ 0.063 χ^2 /NDF: 27316.2/22

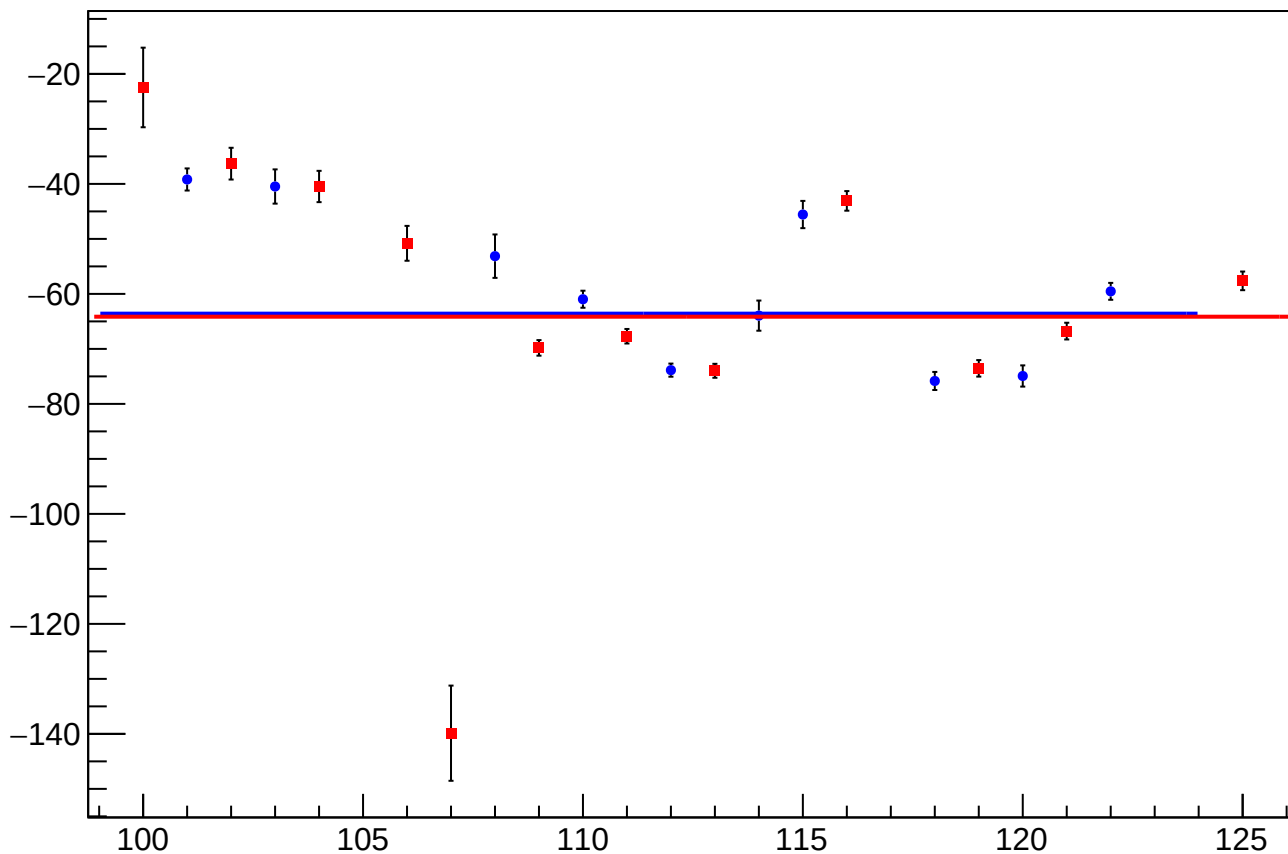
reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



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: -0.013 $\pm$ 0.005 χ^2 /NDF: 4849.1/12
 Left In: 0.000 $\pm$ 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: 8508.4/22
 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: 8508.4/22

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: -64.147+/-0.526 χ^2/NDF : 569.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

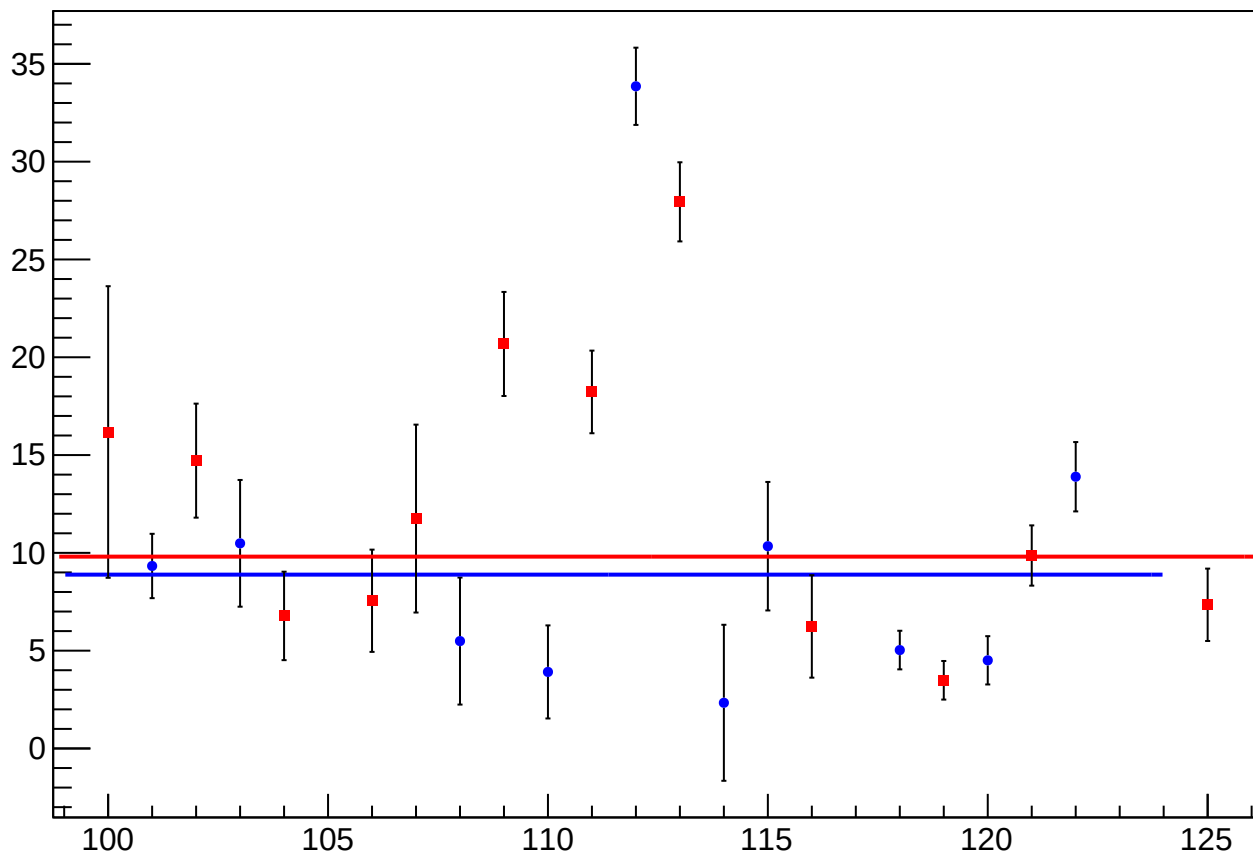
Right: -63.901+/-0.392 χ^2/NDF : 1006.5/21

In: -63.593+/-0.588 χ^2/NDF : 436.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -63.901+/-0.392 χ^2/NDF : 1006.5/21

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.887+/-0.563 χ^2/NDF : 204.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.807+/-0.576 χ^2/NDF : 164.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

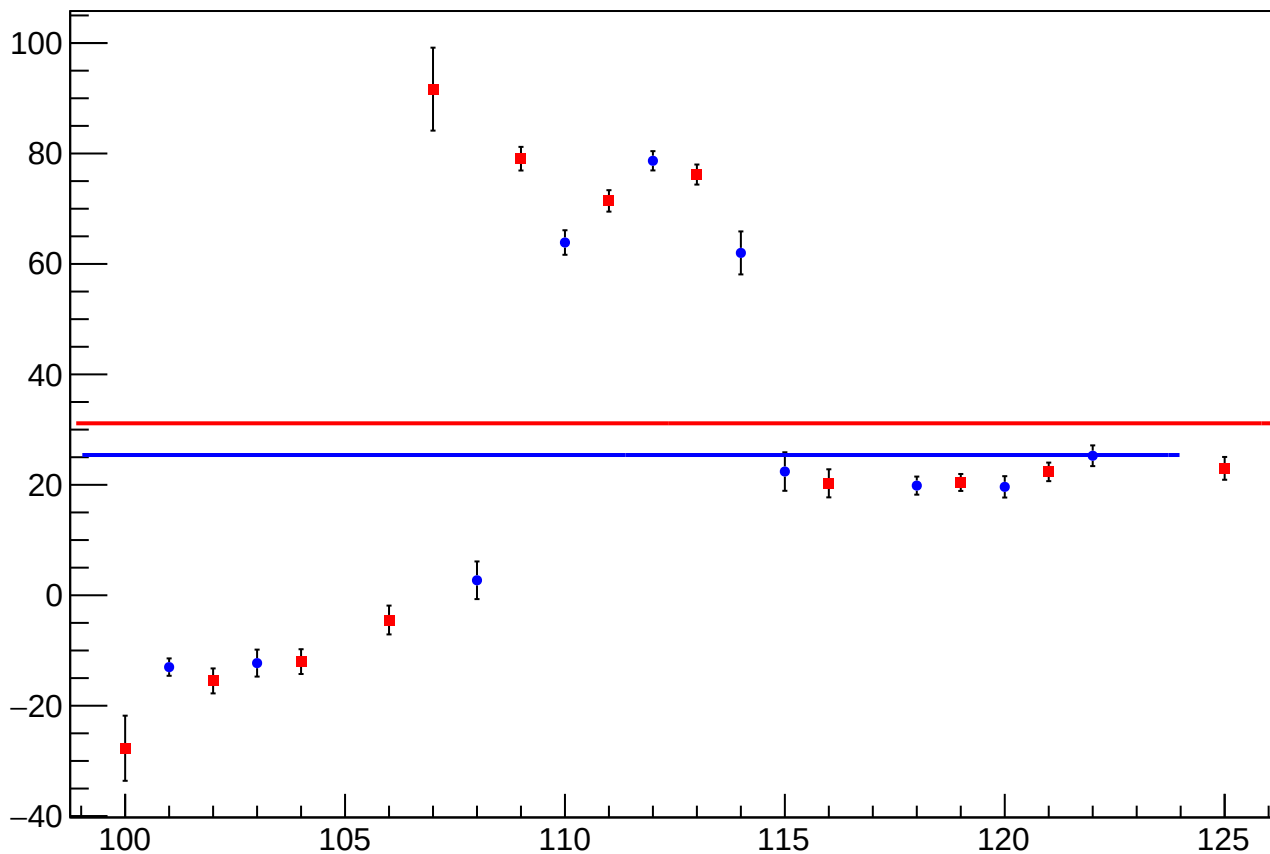
Right: 9.337+/-0.403 χ^2/NDF : 369.7/21

In: 8.887+/-0.563 χ^2/NDF : 204.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.337+/-0.403 χ^2/NDF : 369.7/21

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: 31.141+/-0.627 χ^2/NDF : 2802.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

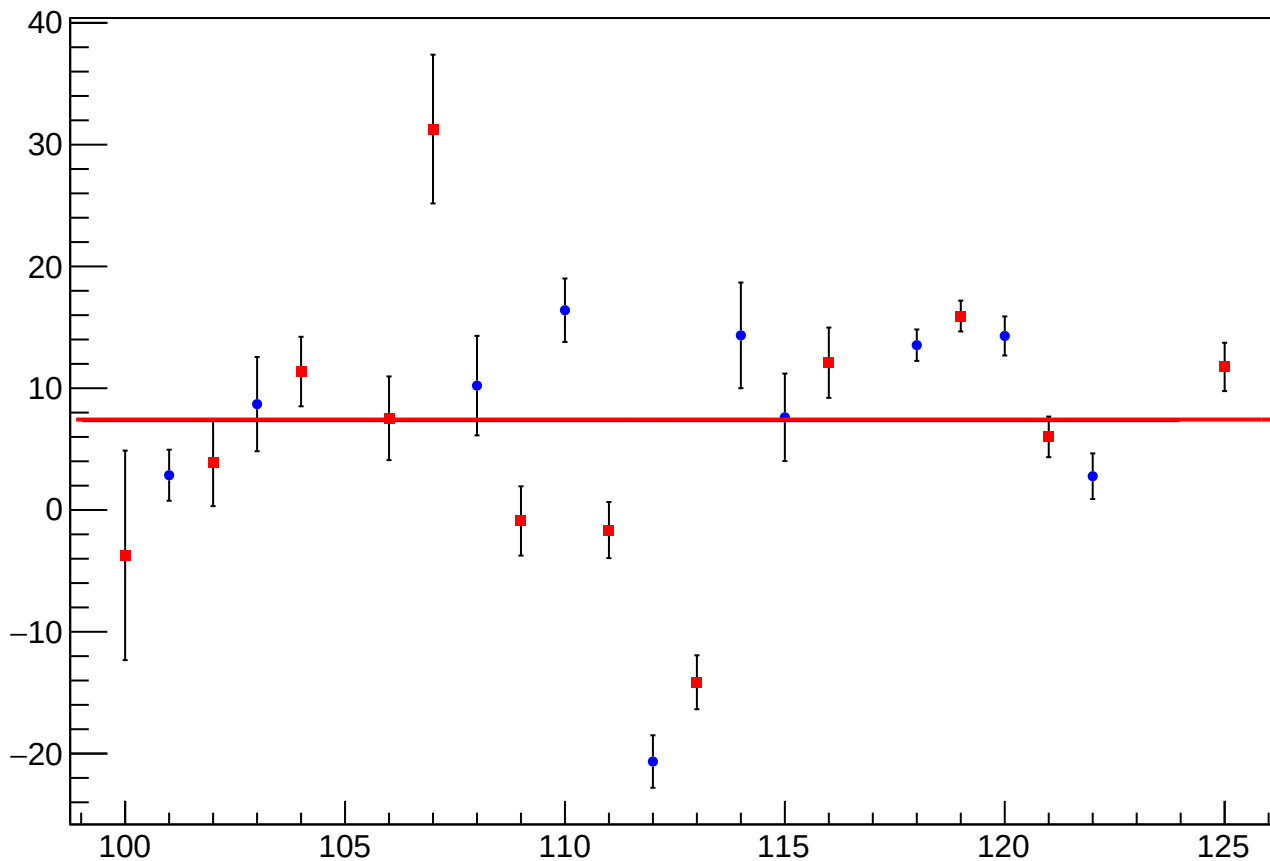
Right: 28.439+/-0.456 χ^2/NDF : 5060.5/21

In: 25.400+/-0.665 χ^2/NDF : 2218.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.439+/-0.456 χ^2/NDF : 5060.5/21

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: 7.428+/-0.674 χ^2/NDF : 192.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

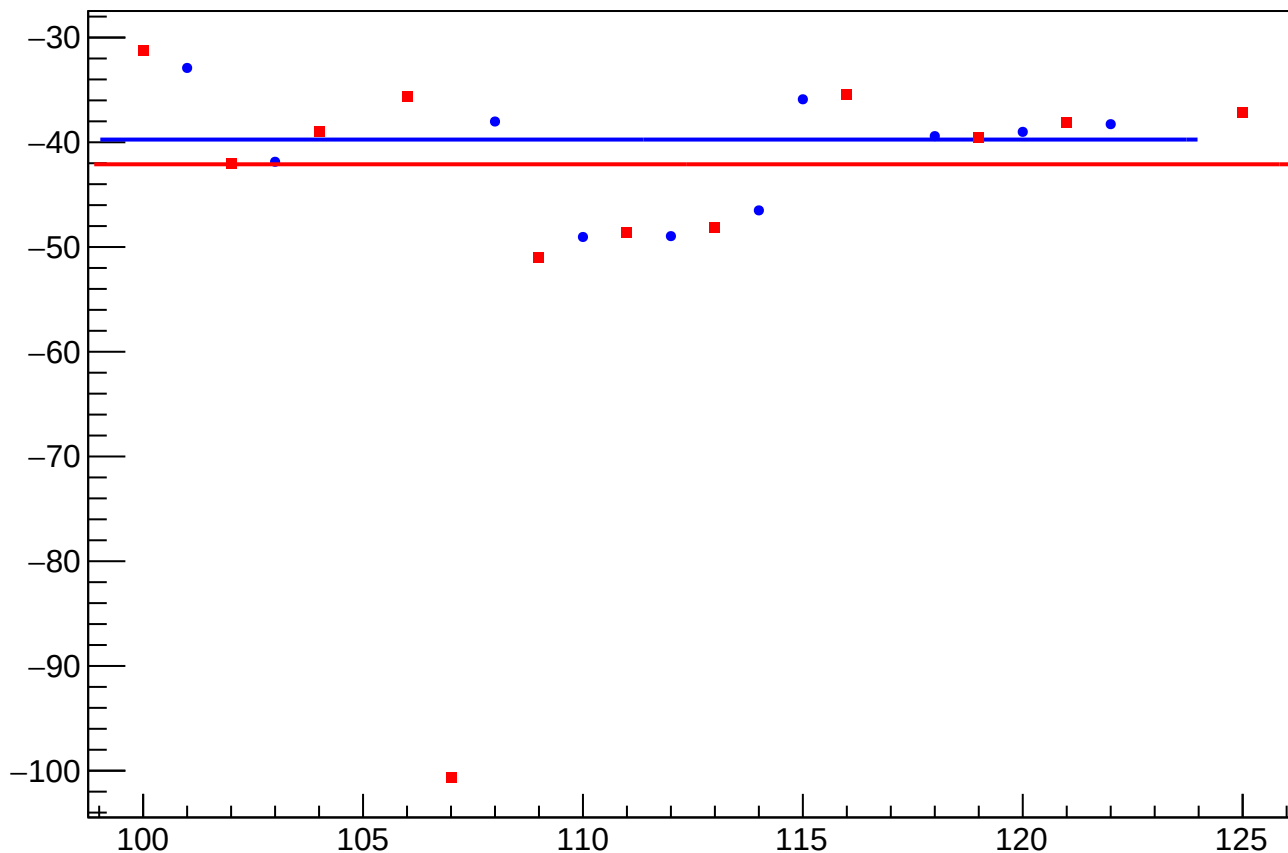
Right: 7.403+/-0.481 χ^2/NDF : 428.3/21

In: 7.377+/-0.686 χ^2/NDF : 236.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.403+/-0.481 χ^2/NDF : 428.3/21

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: -42.101+/-0.041 χ^2/NDF : 52042.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

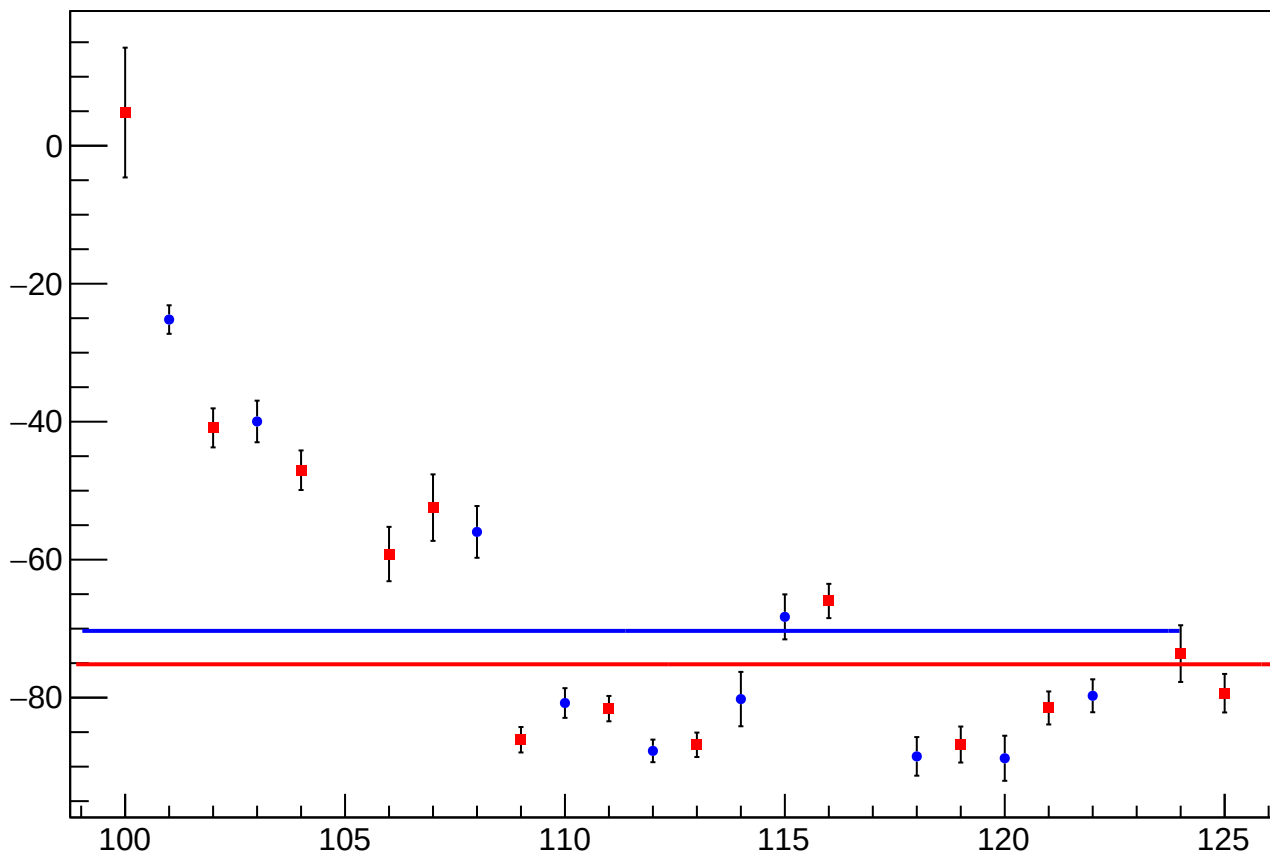
Right: -40.997+/-0.030 χ^2/NDF : 67462.5/21

In: -39.741+/-0.044 χ^2/NDF :13870.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -40.997+/-0.030 χ^2/NDF : 67462.5/21

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: -75.164 ± 0.717 χ^2/NDF : 487.9/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

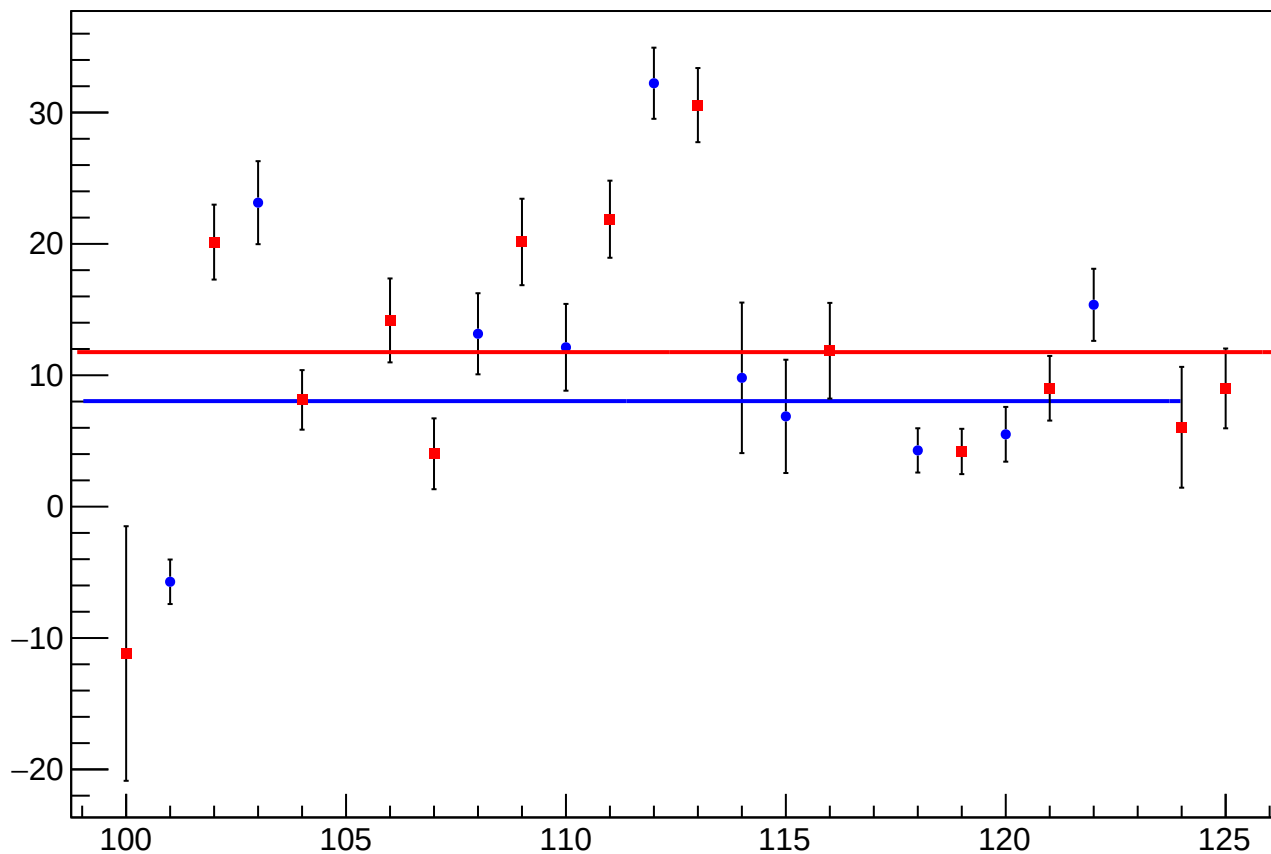
Right: -73.011 ± 0.534 χ^2/NDF : 1332.6/22

In: -70.322 ± 0.801 χ^2/NDF : 824.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -73.011 ± 0.534 χ^2/NDF : 1332.6/22

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.033+/-0.795 χ^2/NDF : 186.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.762+/-0.783 χ^2/NDF : 111.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

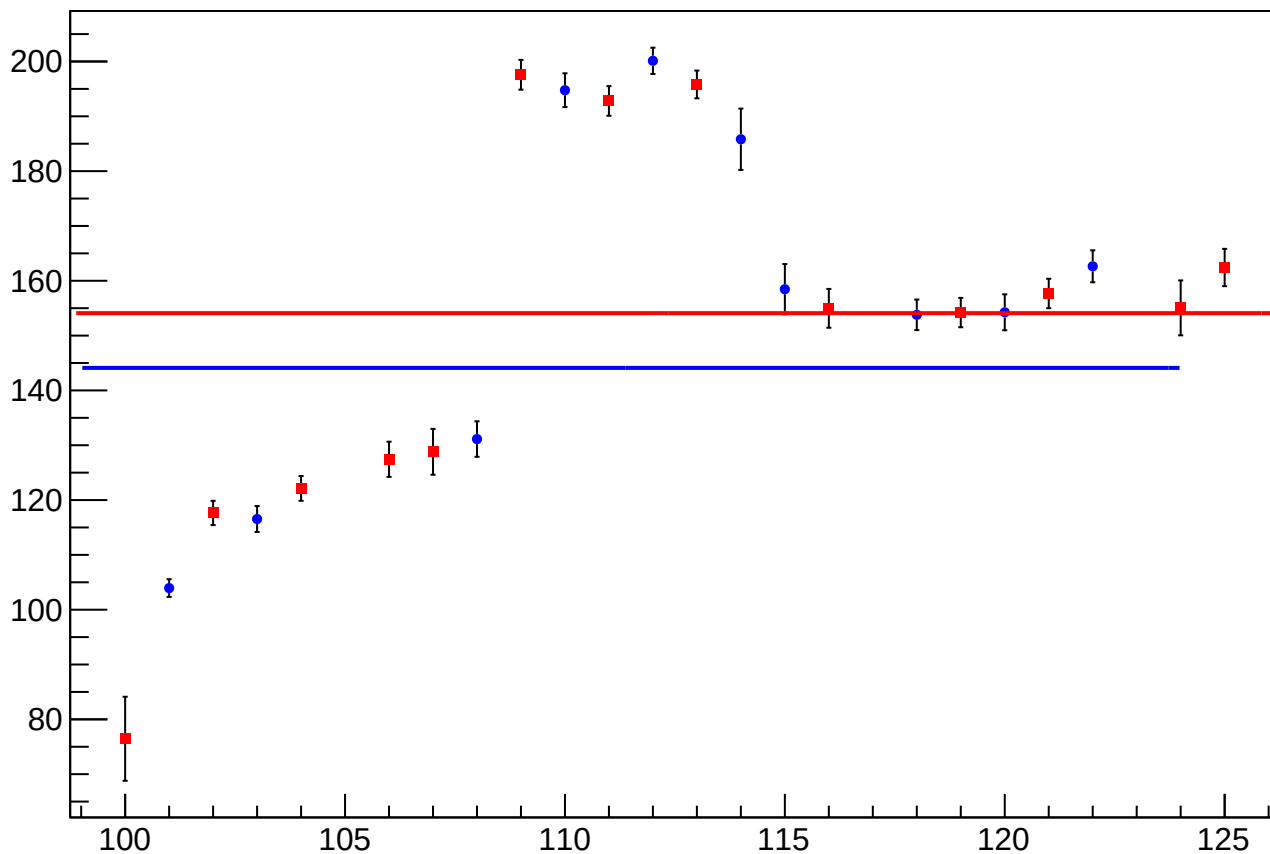
Right: 9.926+/-0.558 χ^2/NDF : 309.0/22

In: 8.033+/-0.795 χ^2/NDF : 186.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.926+/-0.558 χ^2/NDF : 309.0/22

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 144.107+/-0.860 χ^2/NDF : 1709.9/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 154.096+/-0.821 χ^2/NDF : 1419.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

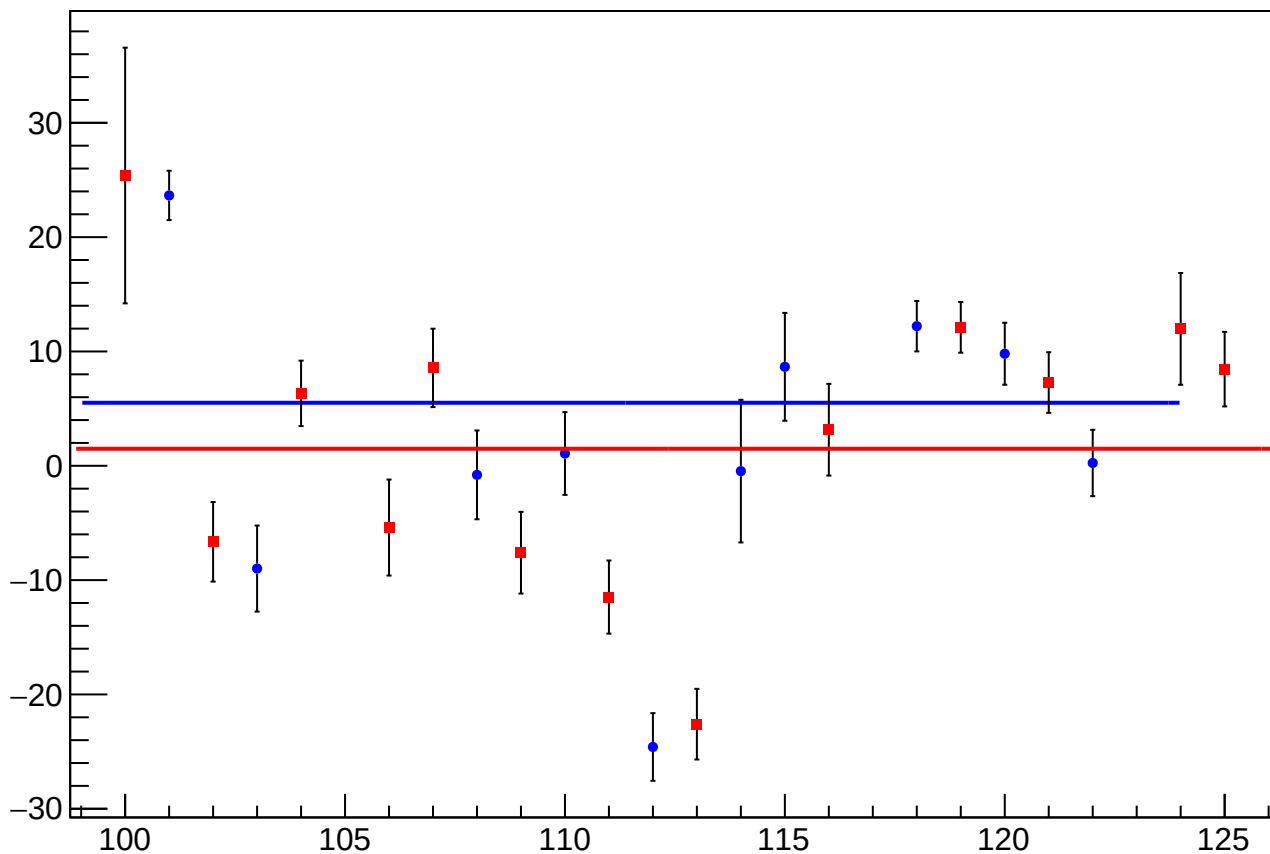
Right: 149.331+/-0.594 χ^2/NDF : 3199.5/22

In: 144.107+/-0.860 χ^2/NDF :1709.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 149.331+/-0.594 χ^2/NDF : 3199.5/22

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: 1.492+/-0.921 χ^2/NDF : 140.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

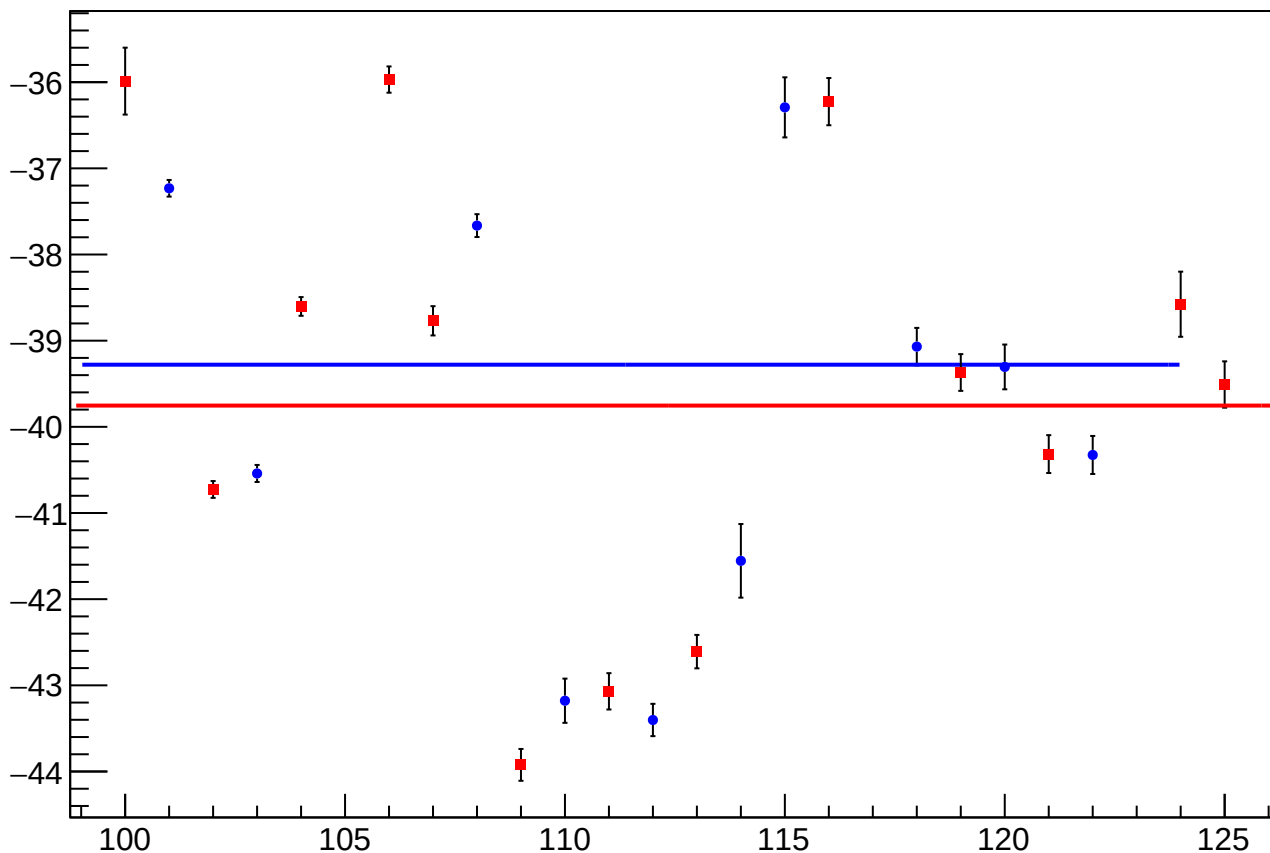
Right: 3.408+/-0.666 χ^2/NDF : 359.3/22

In: 5.513+/-0.965 χ^2/NDF : 209.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.408+/-0.666 χ^2/NDF : 359.3/22

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: -39.753+/-0.048 χ^2/NDF : 2115.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

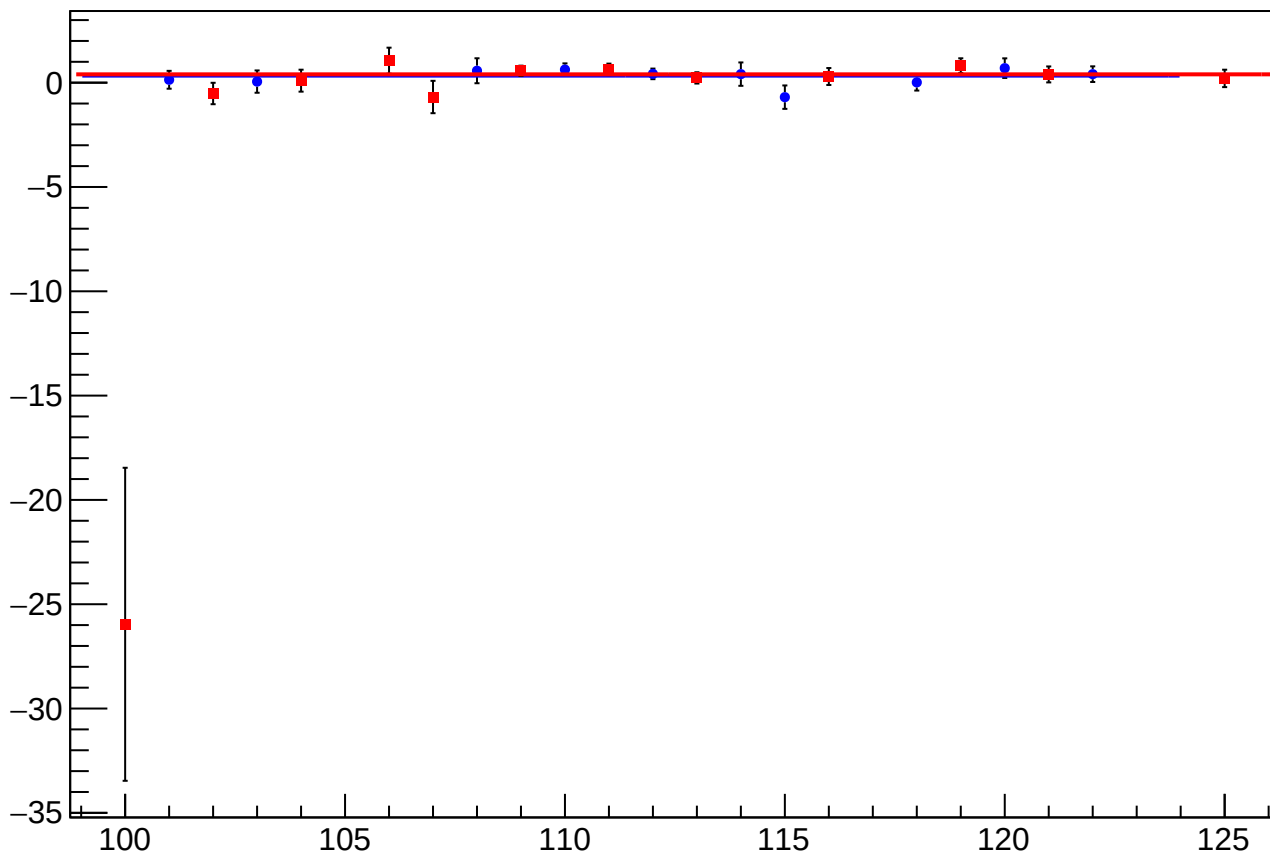
Right: -39.530+/-0.035 χ^2/NDF : 3761.7/22

In: -39.279+/-0.051 χ^2/NDF : 1600.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.530+/-0.035 χ^2/NDF : 3761.7/22

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: 0.399+/-0.111 χ^2/NDF : 22.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

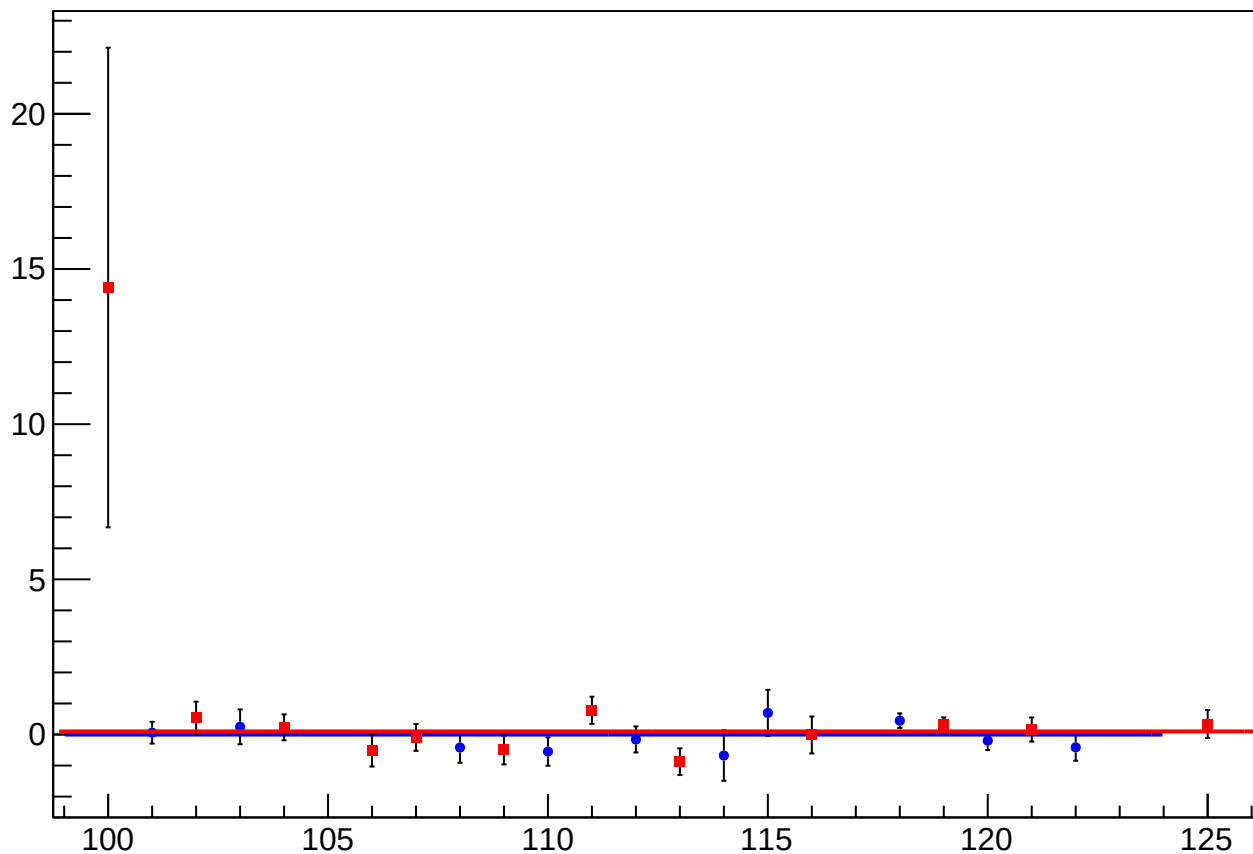
Right: 0.373+/-0.083 χ^2/NDF : 28.8/21

In: 0.339+/-0.126 χ^2/NDF : 6.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.373+/-0.083 χ^2/NDF : 28.8/21

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: 0.100 ± 0.123 χ^2/NDF : 16.1/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

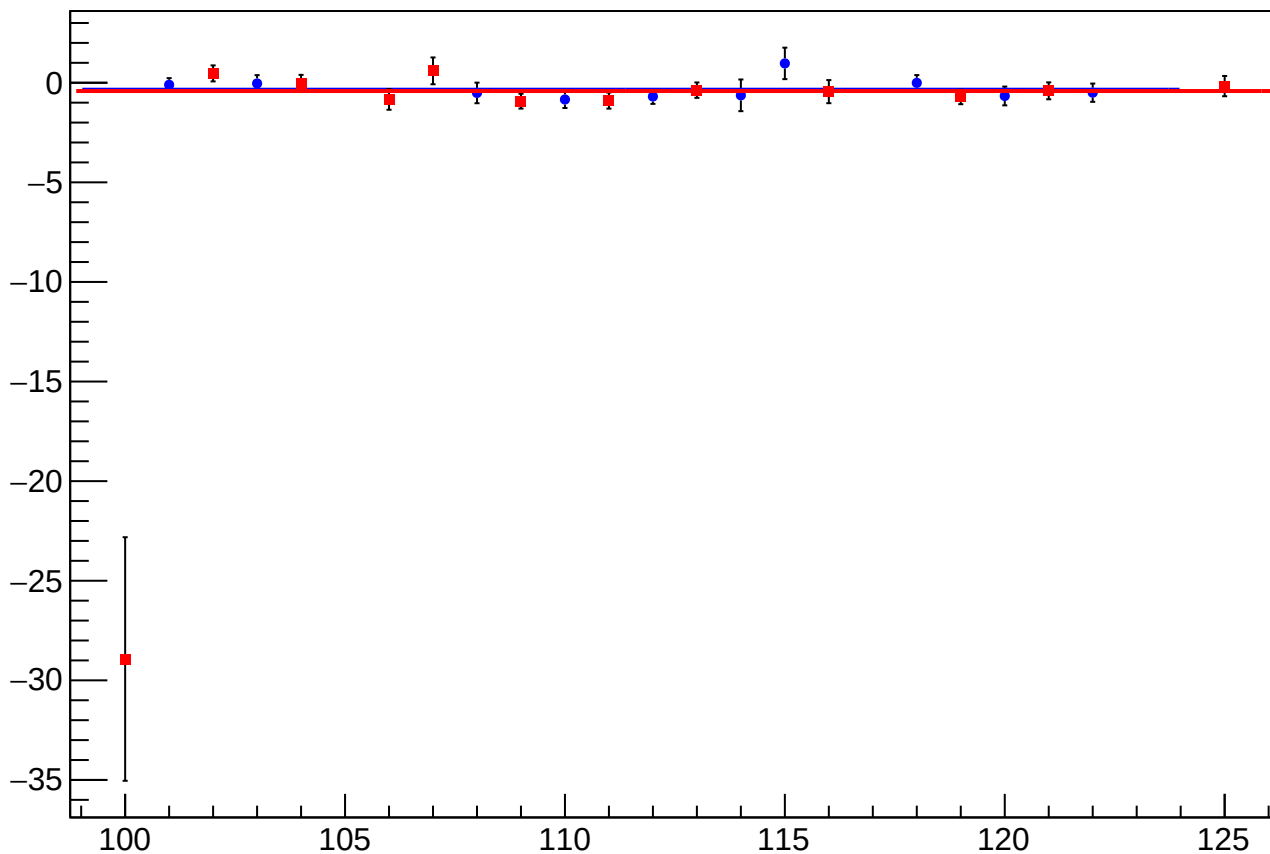
Right: 0.050 ± 0.088 χ^2/NDF : 25.5/21

In: -0.001 ± 0.125 χ^2/NDF : 9.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.050 ± 0.088 χ^2/NDF : 25.5/21

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: -0.416+/-0.131 χ^2 /NDF: 34.7/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

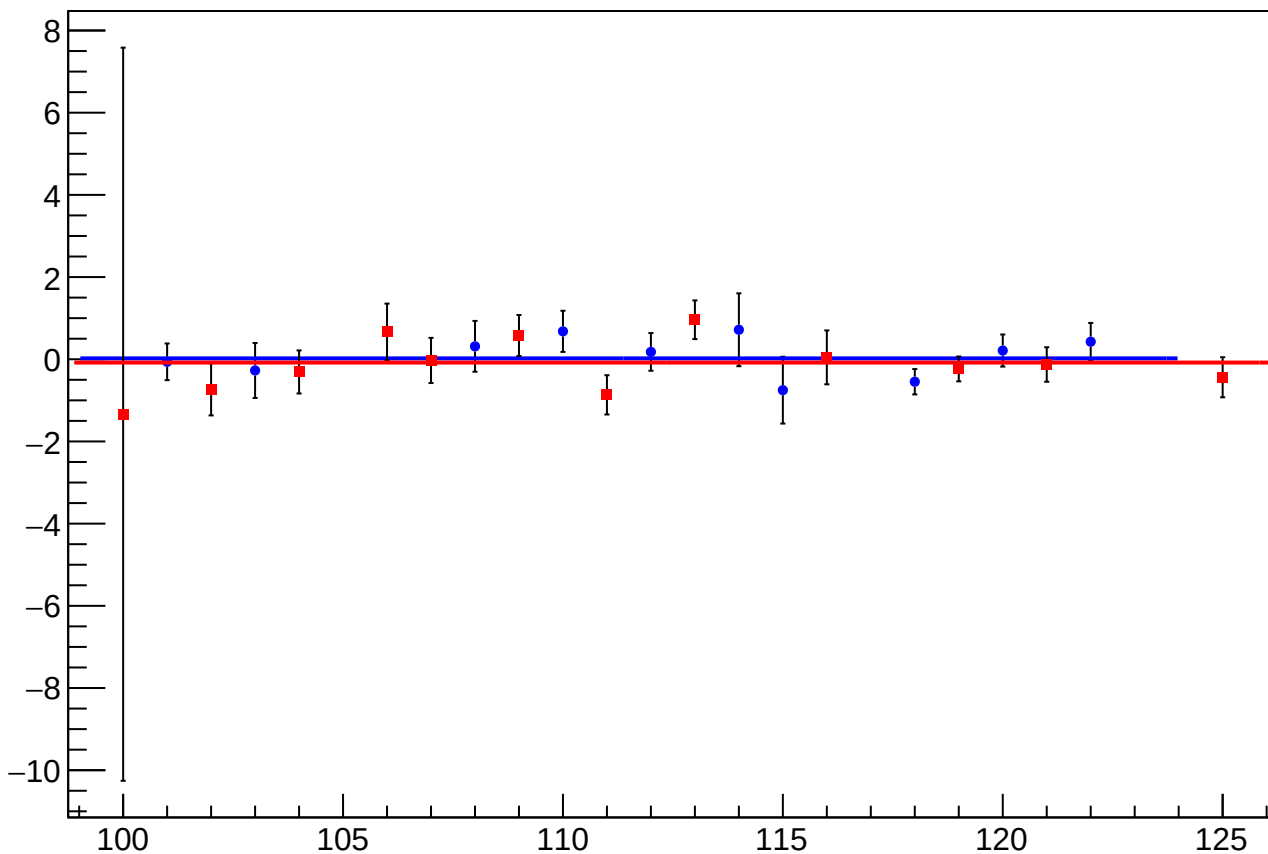
Right: -0.385+/-0.096 χ^2 /NDF: 42.4/21

In: -0.350+/-0.141 χ^2 /NDF:7.6/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.385+/-0.096 χ^2 /NDF: 42.4/21

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: -0.080+/-0.145 χ^2/NDF : 12.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

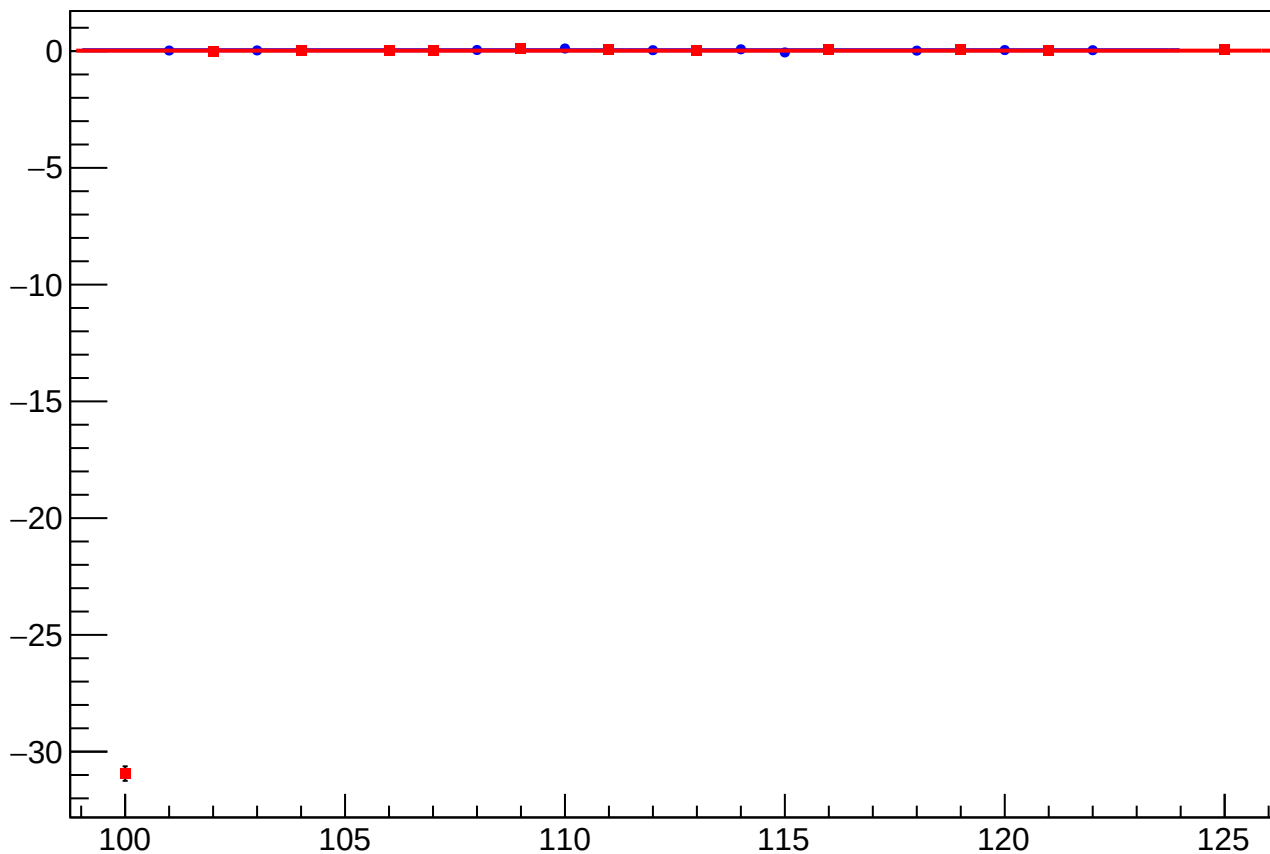
Right: -0.032+/-0.105 χ^2/NDF : 21.1/21

In: 0.021+/-0.152 χ^2/NDF : 8.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.032+/-0.105 χ^2/NDF : 21.1/21

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: 0.020+/-0.008 χ^2/NDF : 10010.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

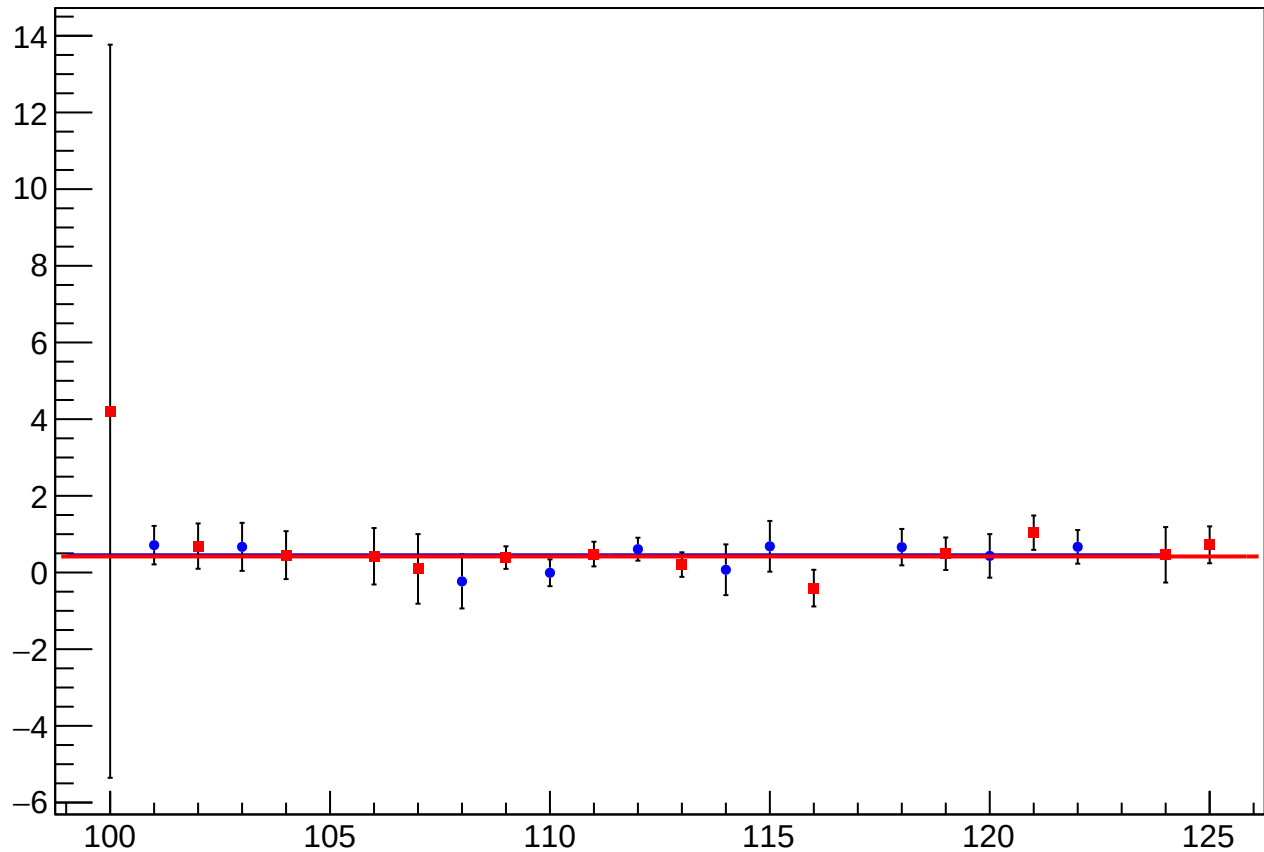
Right: 0.028+/-0.006 χ^2/NDF : 10020.8/21

In: 0.038+/-0.009 χ^2/NDF : 8.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.006 χ^2/NDF : 10020.8/21

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.449+/-0.149 χ^2/NDF : 4.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.418+/-0.128 χ^2/NDF : 6.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

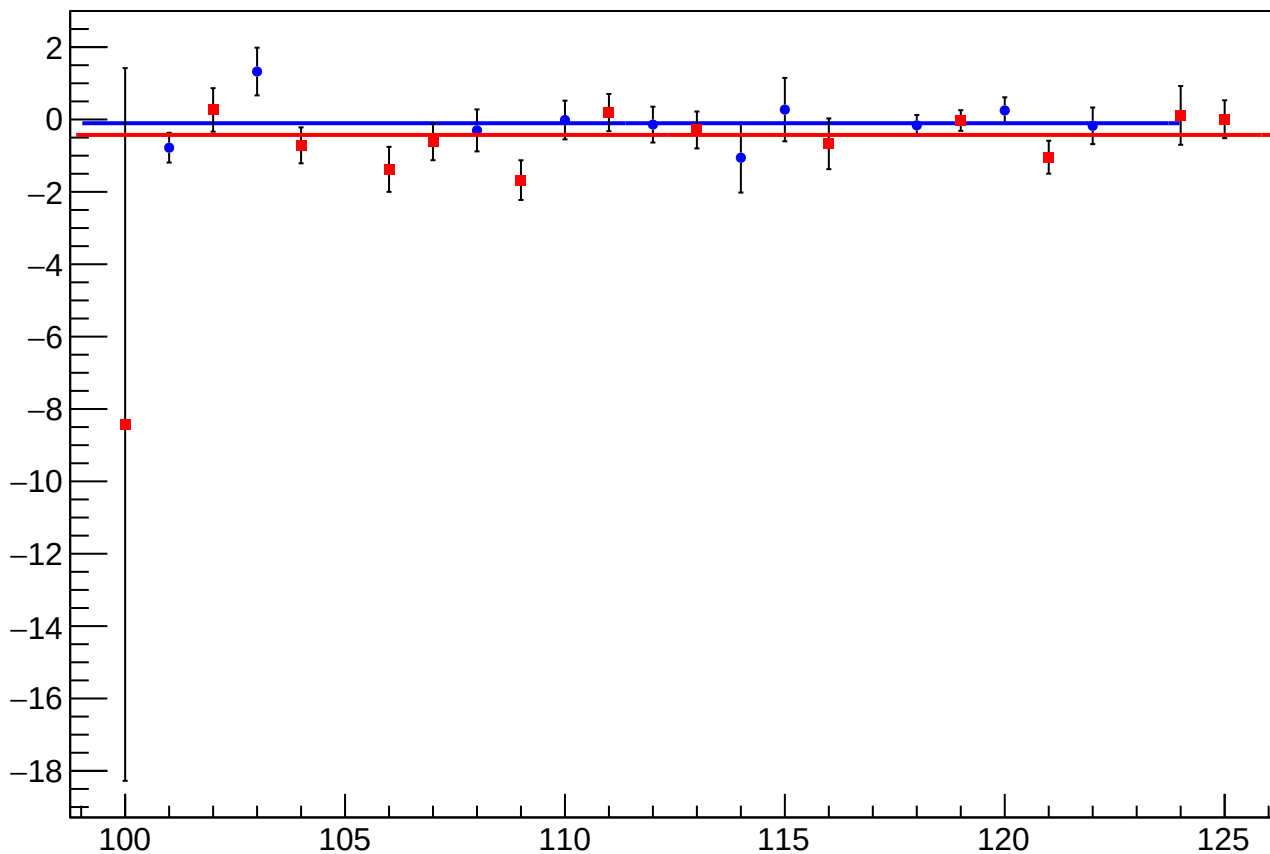
Right: 0.431+/-0.097 χ^2/NDF : 10.6/22

In: 0.449+/-0.149 χ^2/NDF : 4.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.431+/-0.097 χ^2/NDF : 10.6/22

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: -0.427 ± 0.143 χ^2/NDF : 16.5/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

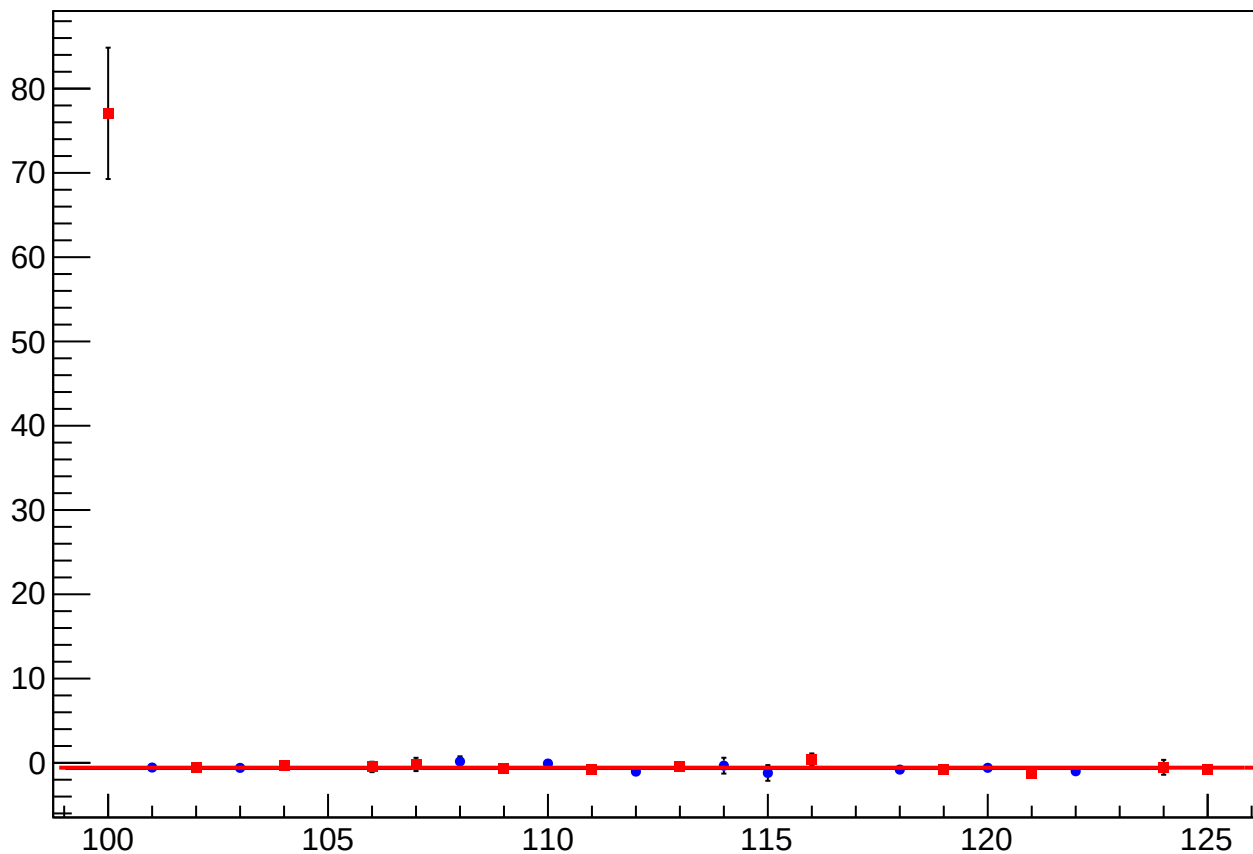
Right: -0.271 ± 0.103 χ^2/NDF : 28.7/22

In: -0.103 ± 0.149 χ^2/NDF : 9.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.271 ± 0.103 χ^2/NDF : 28.7/22

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.614 ± 0.167 χ^2/NDF : 4.9/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.573 ± 0.152 χ^2/NDF : 104.6/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

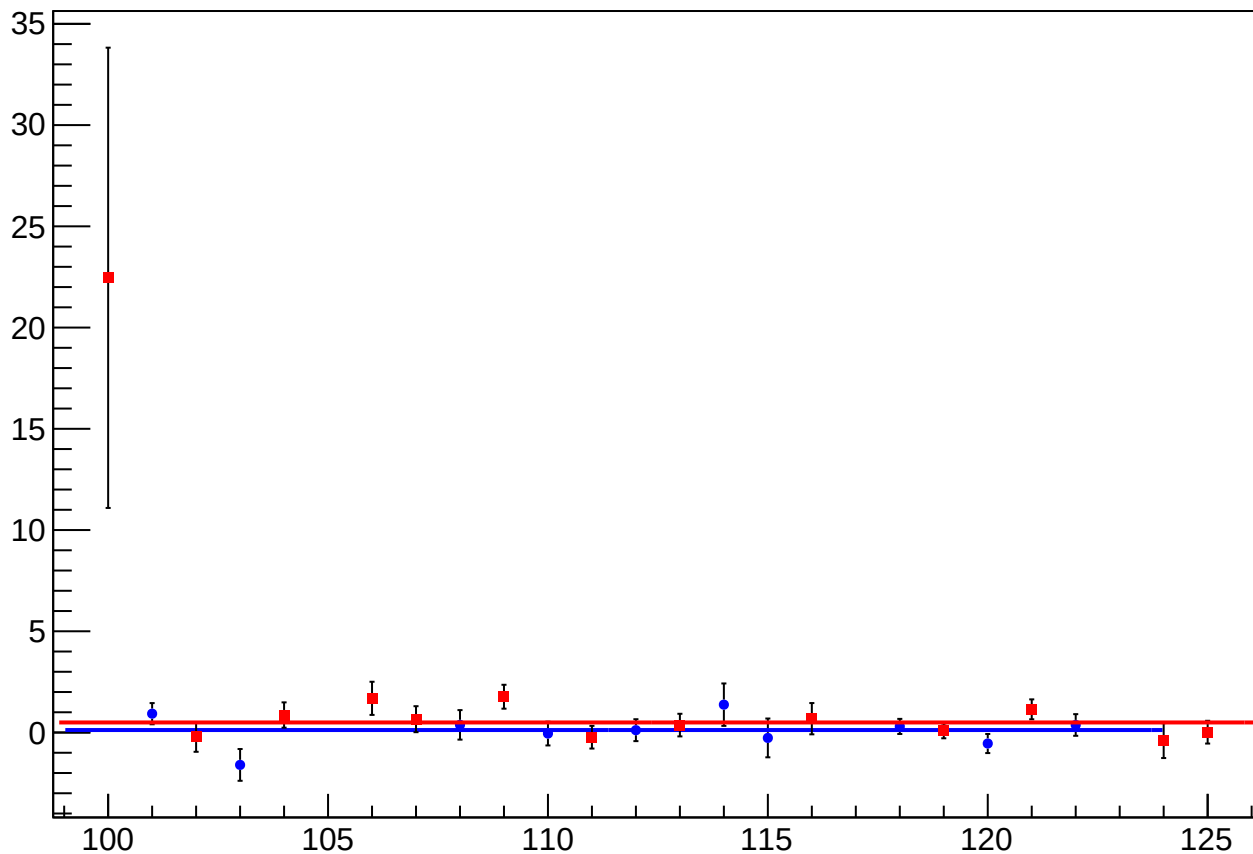
Right: -0.591 ± 0.113 χ^2/NDF : 109.5/22

In: -0.614 ± 0.167 χ^2/NDF : 4.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.591 ± 0.113 χ^2/NDF : 109.5/22

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: 0.497+/-0.168 χ^2/NDF : 18.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

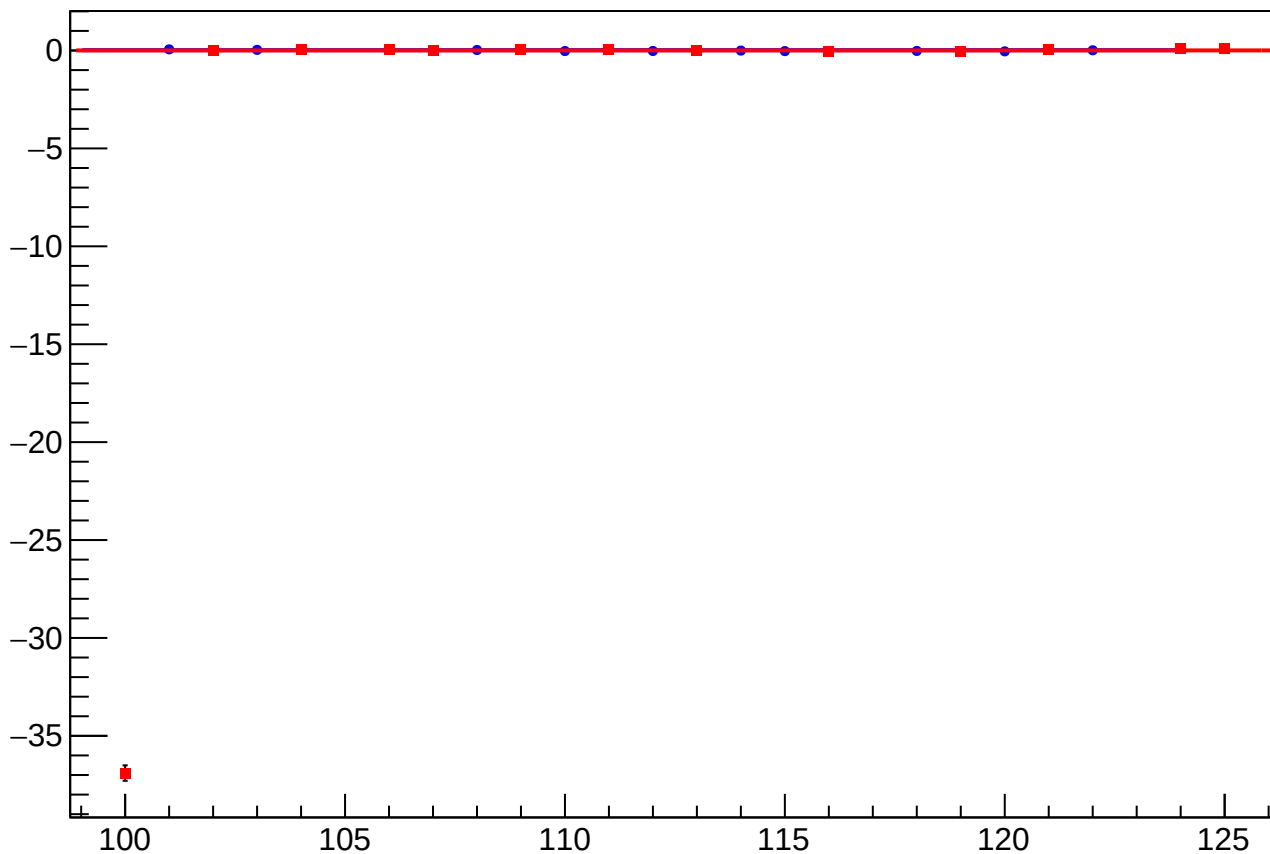
Right: 0.323+/-0.123 χ^2/NDF : 32.3/22

In: 0.122+/-0.181 χ^2/NDF : 11.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.323+/-0.123 χ^2/NDF : 32.3/22

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: 0.005+/-0.009 χ^2/NDF : 8749.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

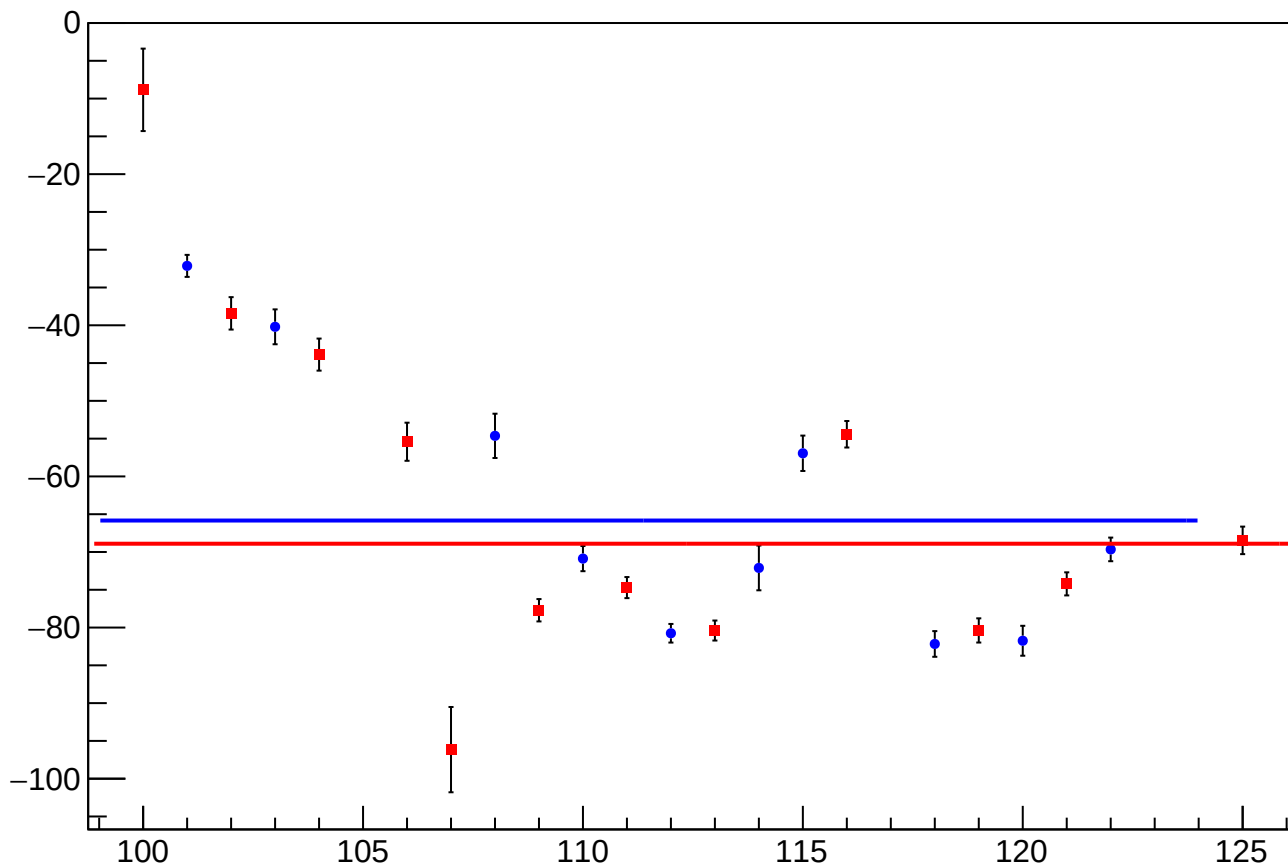
Right: 0.010+/-0.007 χ^2/NDF : 8760.3/22

In: 0.016+/-0.010 χ^2/NDF : 9.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.007 χ^2/NDF : 8760.3/22

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -65.837 $\pm$ 0.568 χ^2 /NDF: 1010.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -68.906 $\pm$ 0.523 χ^2 /NDF: 774.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

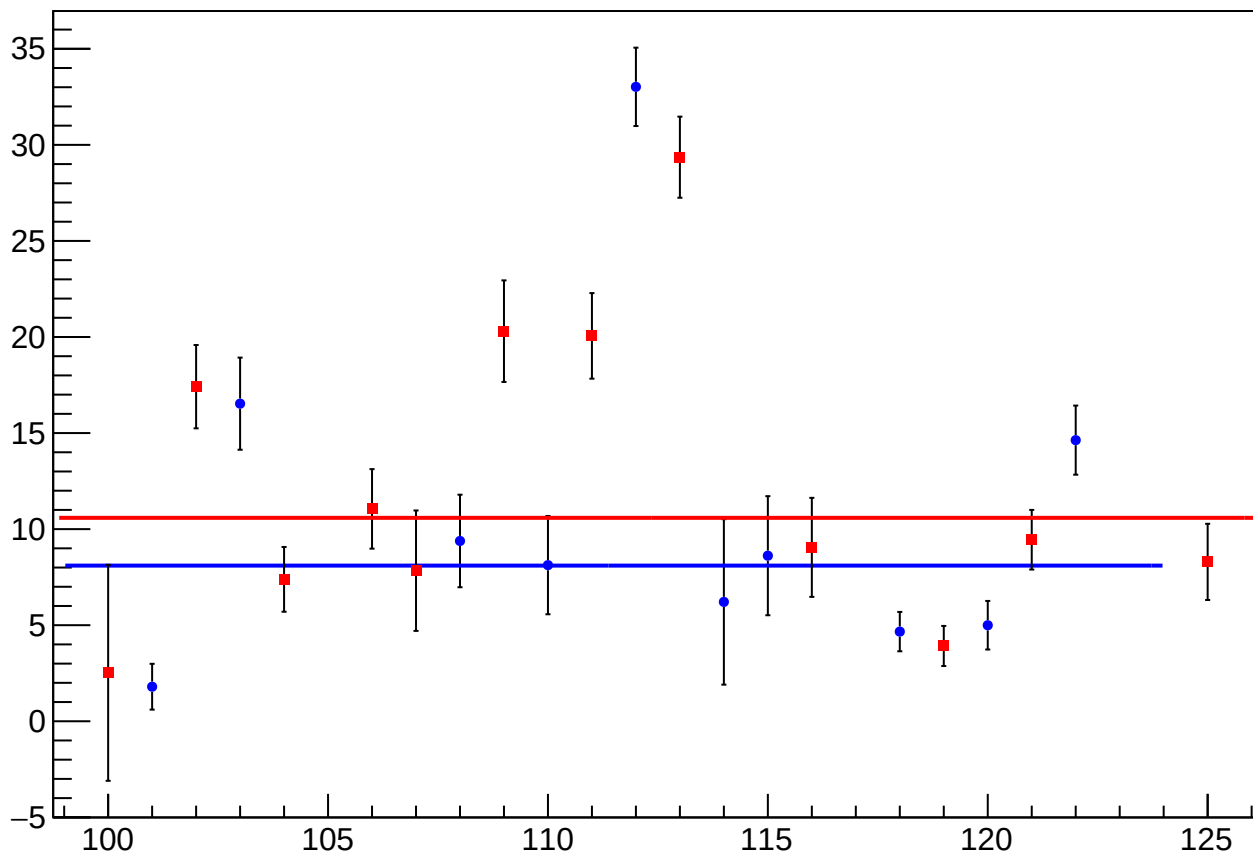
Right: -67.496 $\pm$ 0.385 χ^2 /NDF: 1800.6/21

In: -65.837 $\pm$ 0.568 χ^2 /NDF:1010.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -67.496 $\pm$ 0.385 χ^2 /NDF: 1800.6/21

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: 10.588+/-0.556 χ^2/NDF : 170.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

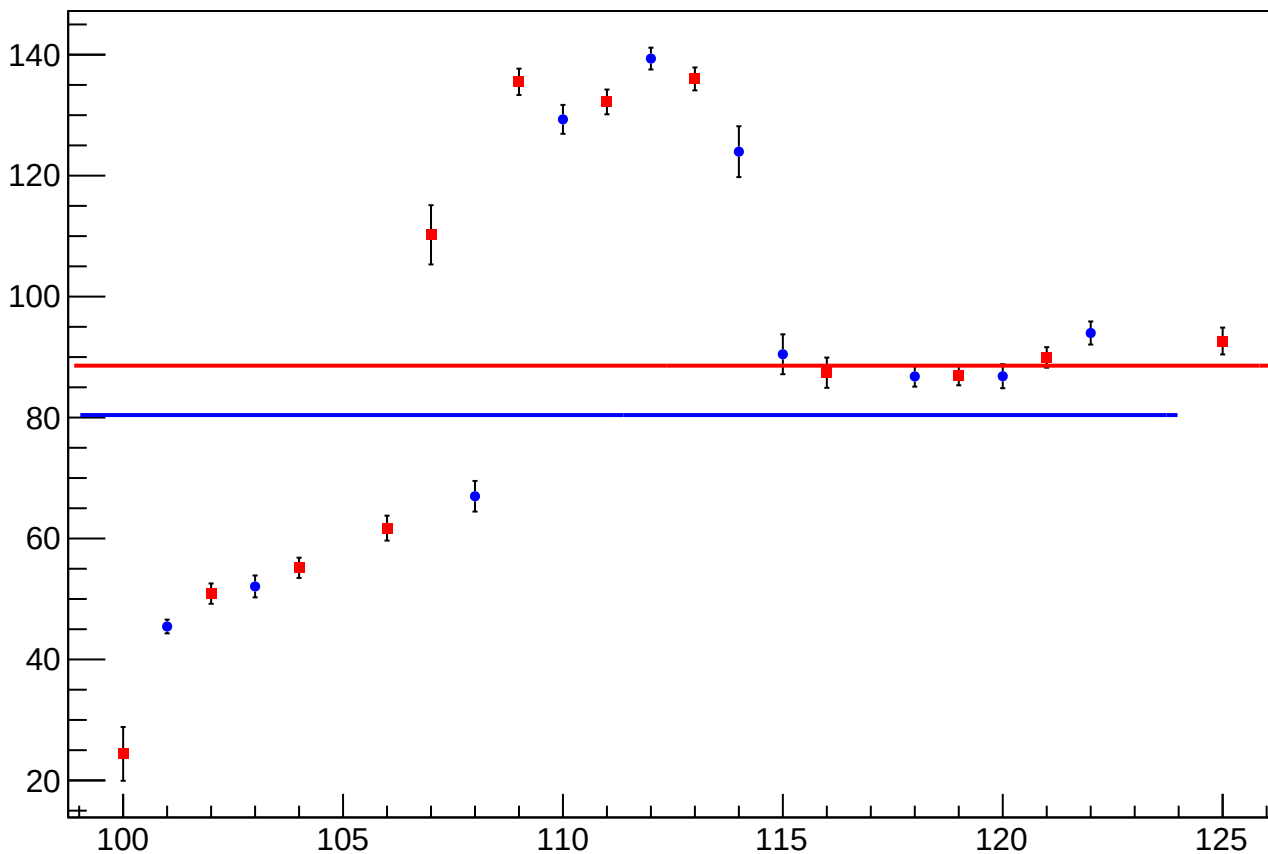
Right: 9.298+/-0.385 χ^2/NDF : 401.2/21

In: 8.101+/-0.535 χ^2/NDF : 220.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.298+/-0.385 χ^2/NDF : 401.2/21

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: 88.580+/-0.592 χ^2/NDF : 2848.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

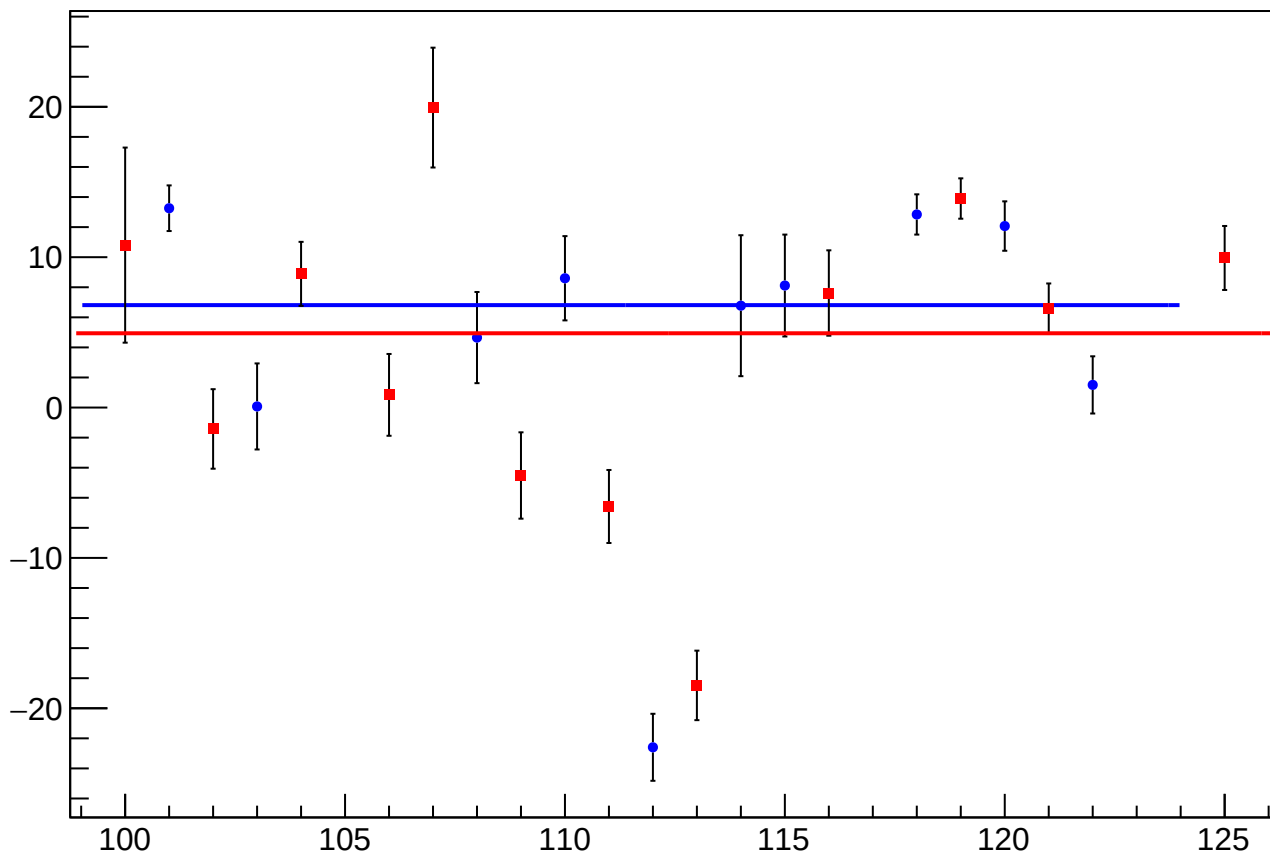
Right: 84.579+/-0.423 χ^2/NDF : 5832.8/21

In: 80.411+/-0.604 χ^2/NDF : 2891.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.579+/-0.423 χ^2/NDF : 5832.8/21

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.812 $\pm$ 0.655 χ^2 /NDF: 237.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4.940 $\pm$ 0.657 χ^2 /NDF: 214.5/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

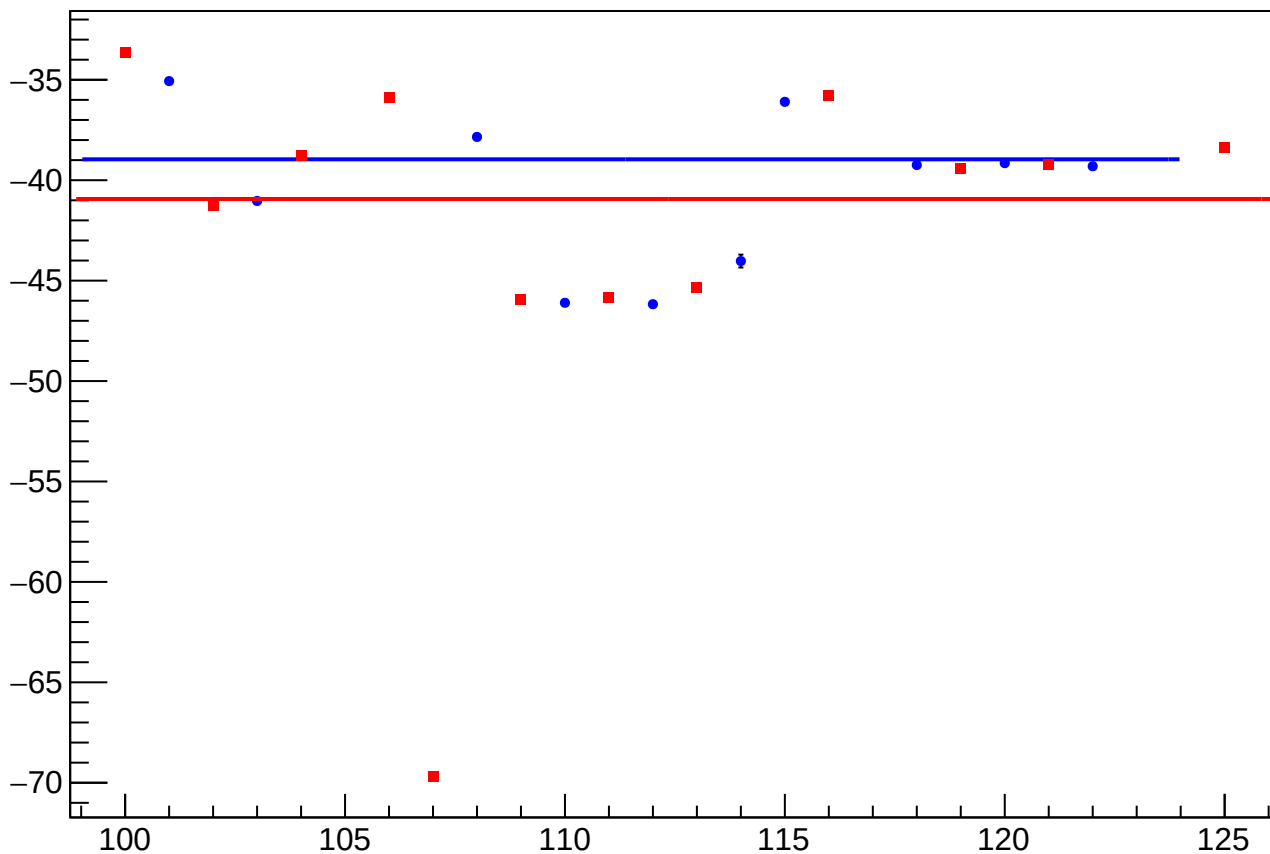
Right: 5.879 $\pm$ 0.464 χ^2 /NDF: 455.7/21

In: 6.812 $\pm$ 0.655 χ^2 /NDF:237.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 5.879 $\pm$ 0.464 χ^2 /NDF: 455.7/21

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: -40.935+/-0.036 χ^2/NDF : 29620.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

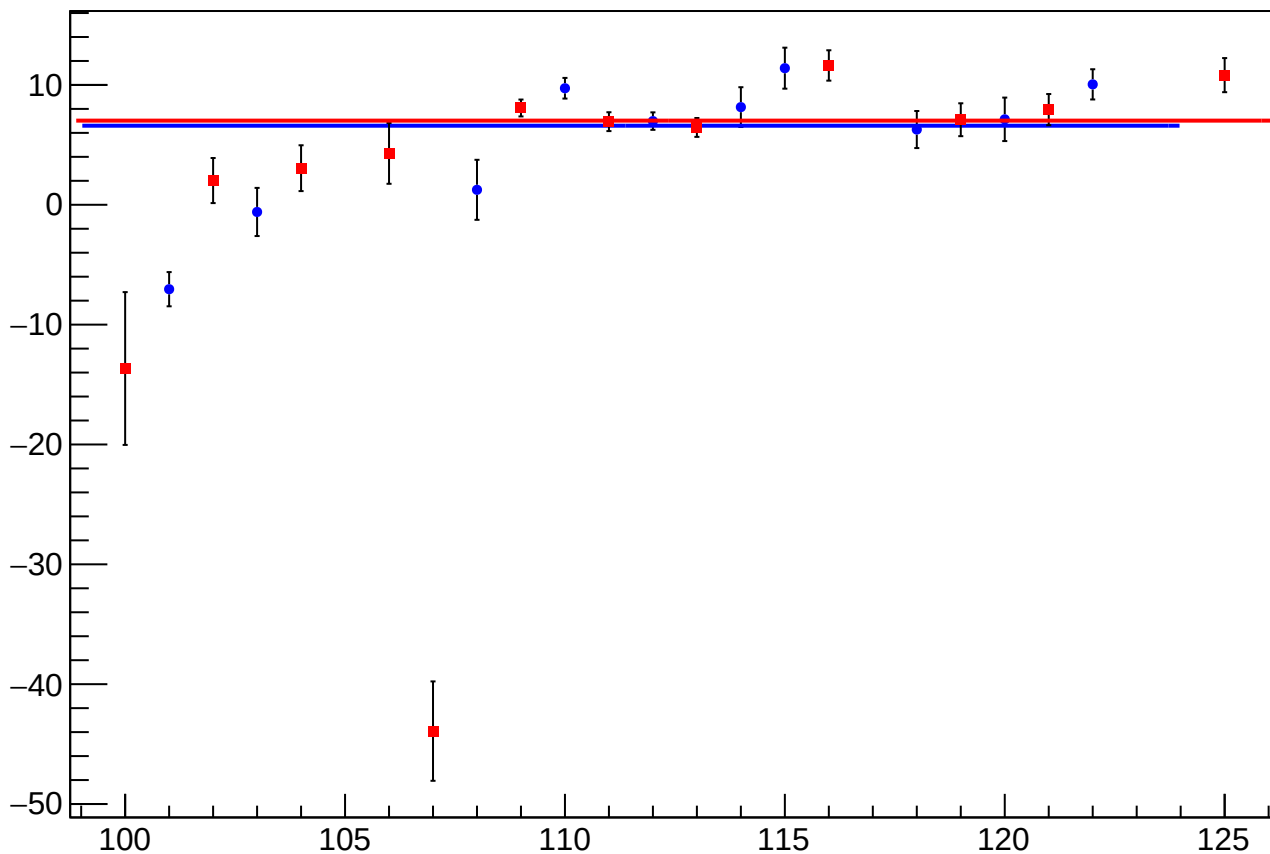
Right: -39.985+/-0.026 χ^2/NDF : 39550.0/21

In: -38.959+/-0.037 χ^2/NDF : 8448.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.985+/-0.026 χ^2/NDF : 39550.0/21

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: 7.022+/-0.348 χ^2/NDF : 197.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

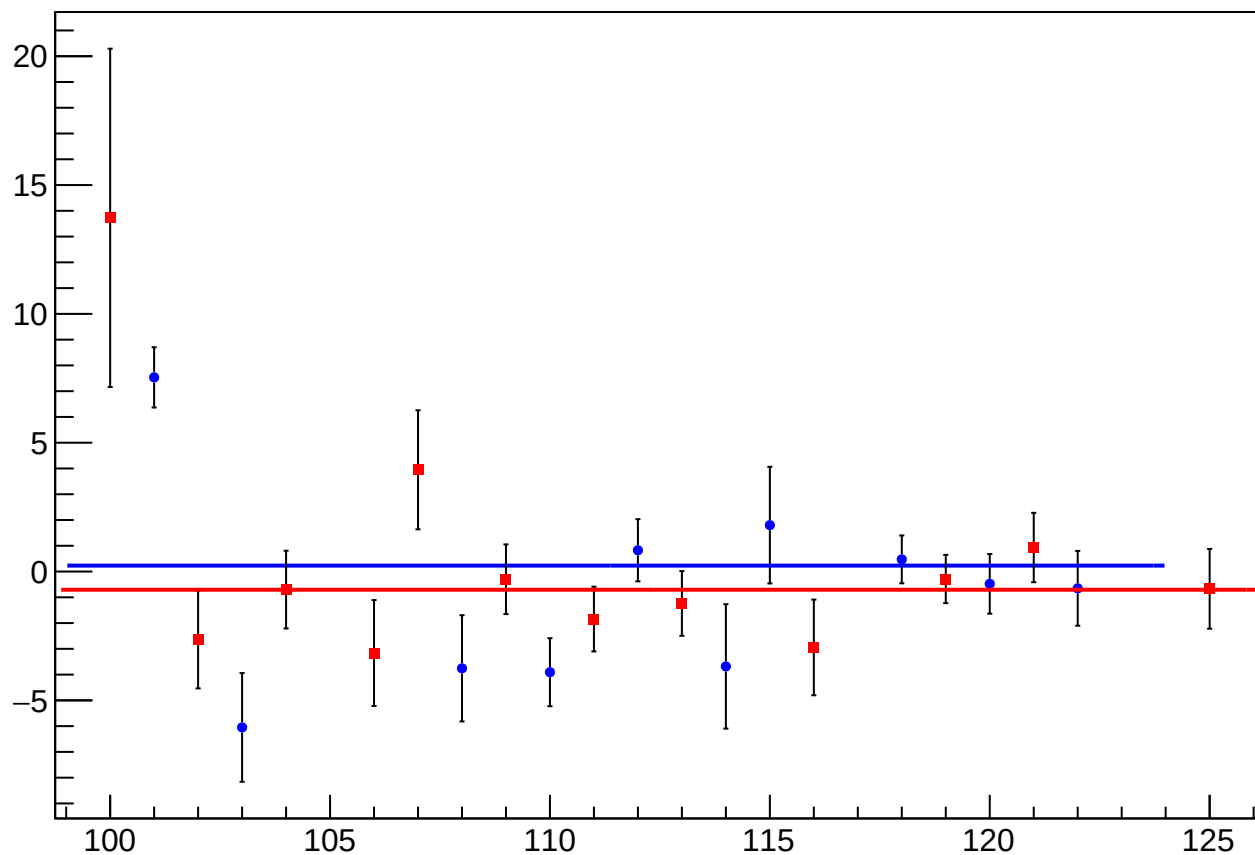
Right: 6.841+/-0.263 χ^2/NDF : 336.7/21

In: 6.599+/-0.402 χ^2/NDF : 138.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.841+/-0.263 χ^2/NDF : 336.7/21

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: -0.707+/-0.431 χ^2/NDF : 15.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

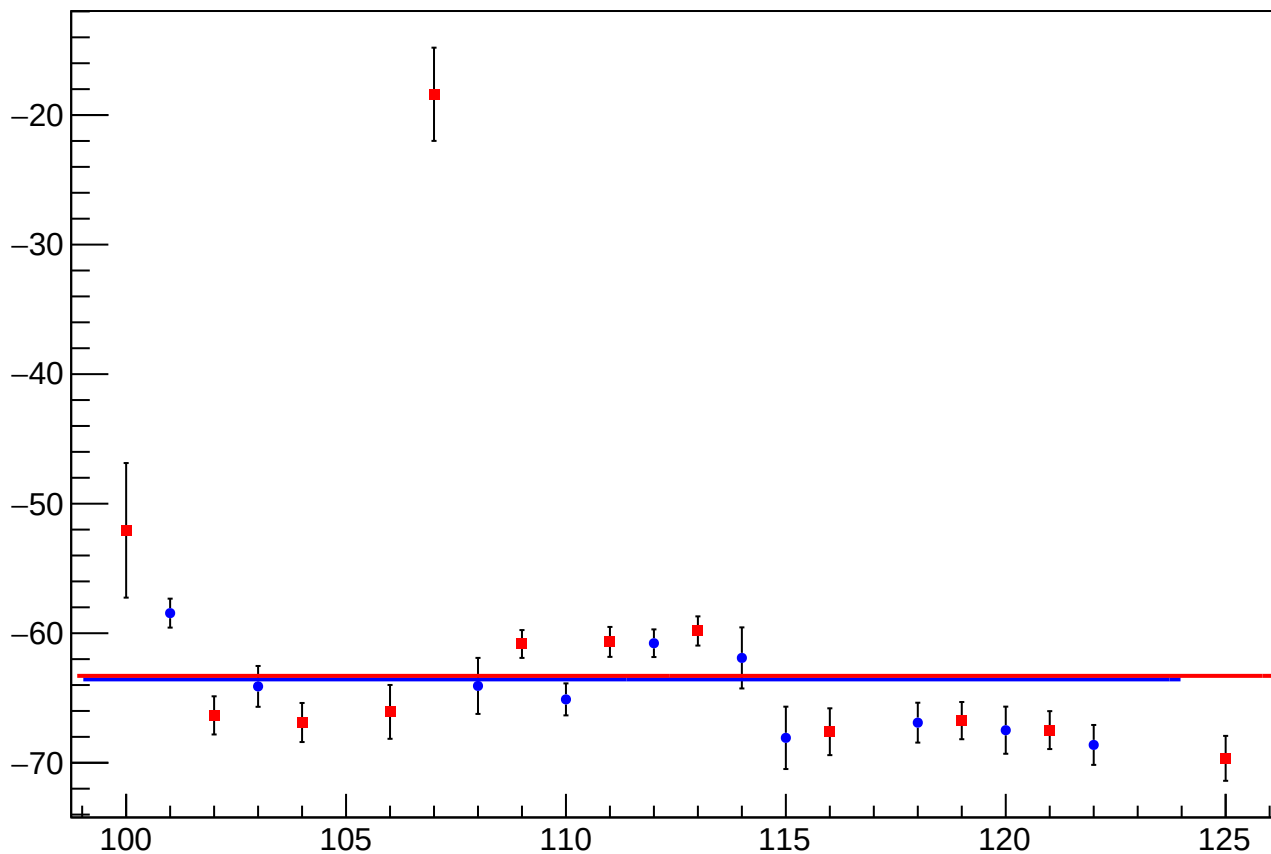
Right: -0.246+/-0.307 χ^2/NDF : 83.5/21

In: 0.230+/-0.439 χ^2/NDF : 65.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.246+/-0.307 χ^2/NDF : 83.5/21

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: -63.291+/-0.437 χ^2/NDF : 225.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

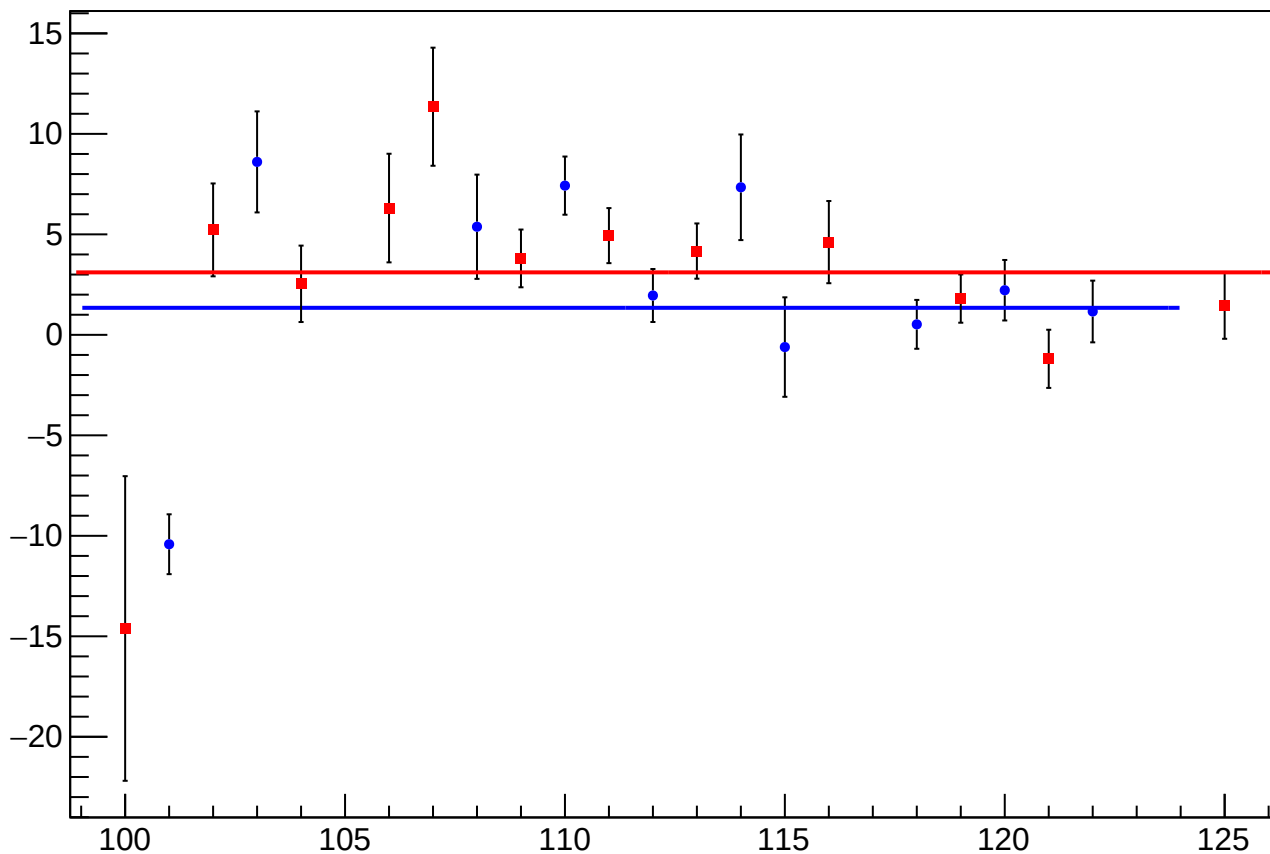
Right: -63.416+/-0.321 χ^2/NDF : 279.0/21

In: -63.563+/-0.474 χ^2/NDF : 53.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -63.416+/-0.321 χ^2/NDF : 279.0/21

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.345+/-0.523 χ^2/NDF : 97.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.109+/-0.497 χ^2/NDF : 29.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

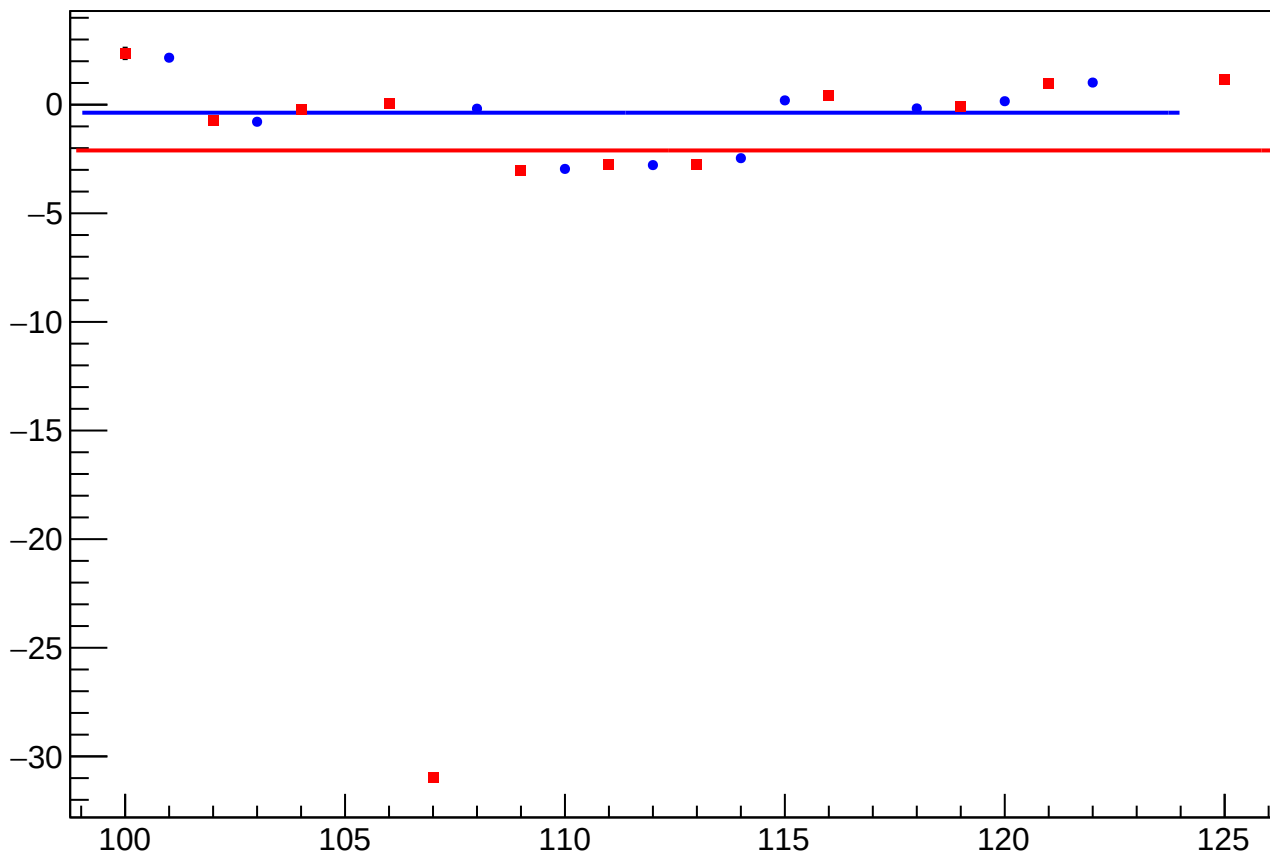
Right: 2.272+/-0.360 χ^2/NDF : 133.5/21

In: 1.345+/-0.523 χ^2/NDF : 97.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.272+/-0.360 χ^2/NDF : 133.5/21

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: -2.106 ± 0.028 χ^2/NDF : 43036.0/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

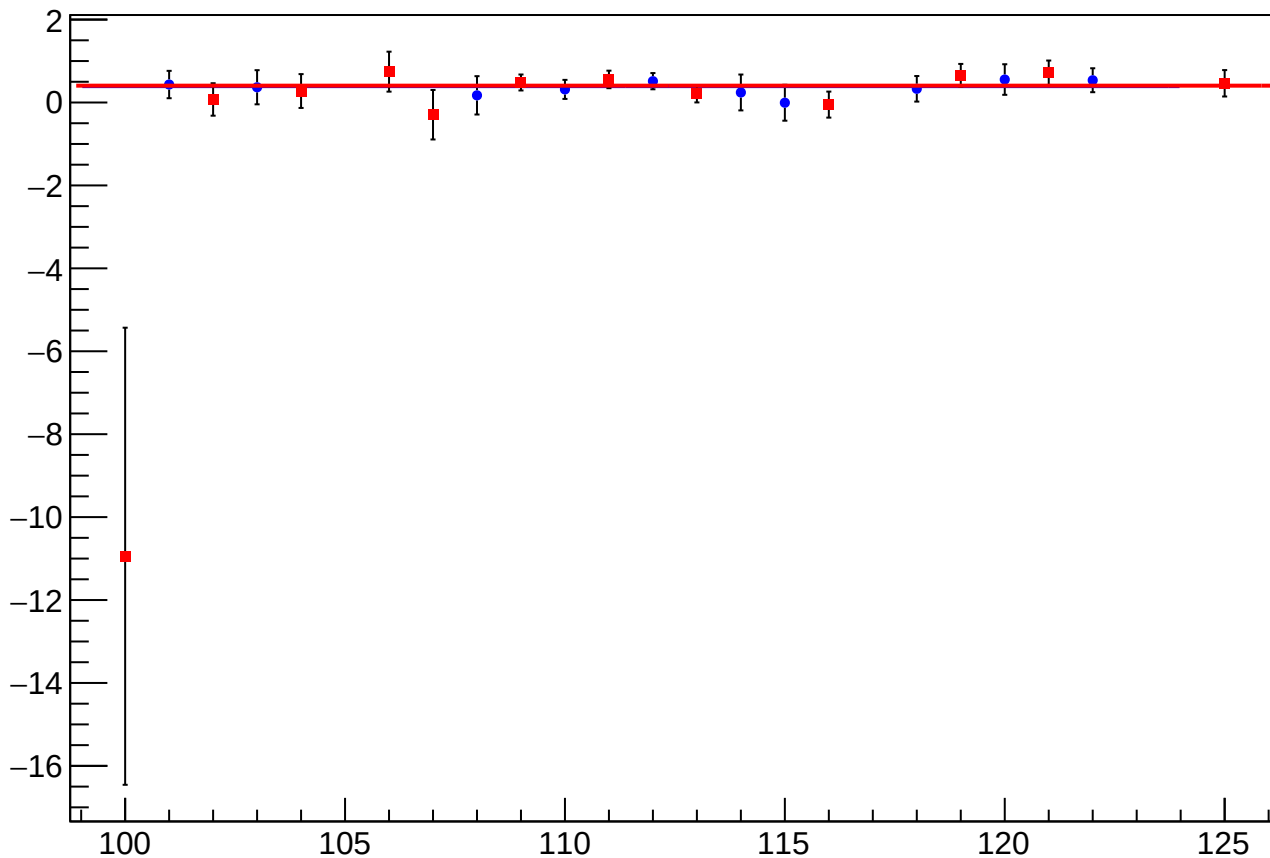
Right: -1.305 ± 0.021 χ^2/NDF : 48038.7/21

In: -0.369 ± 0.031 χ^2/NDF : 3257.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.305 ± 0.021 χ^2/NDF : 48038.7/21

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.395 $\pm$ 0.097 χ^2 /NDF: 2.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.406 $\pm$ 0.086 χ^2 /NDF: 12.6/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

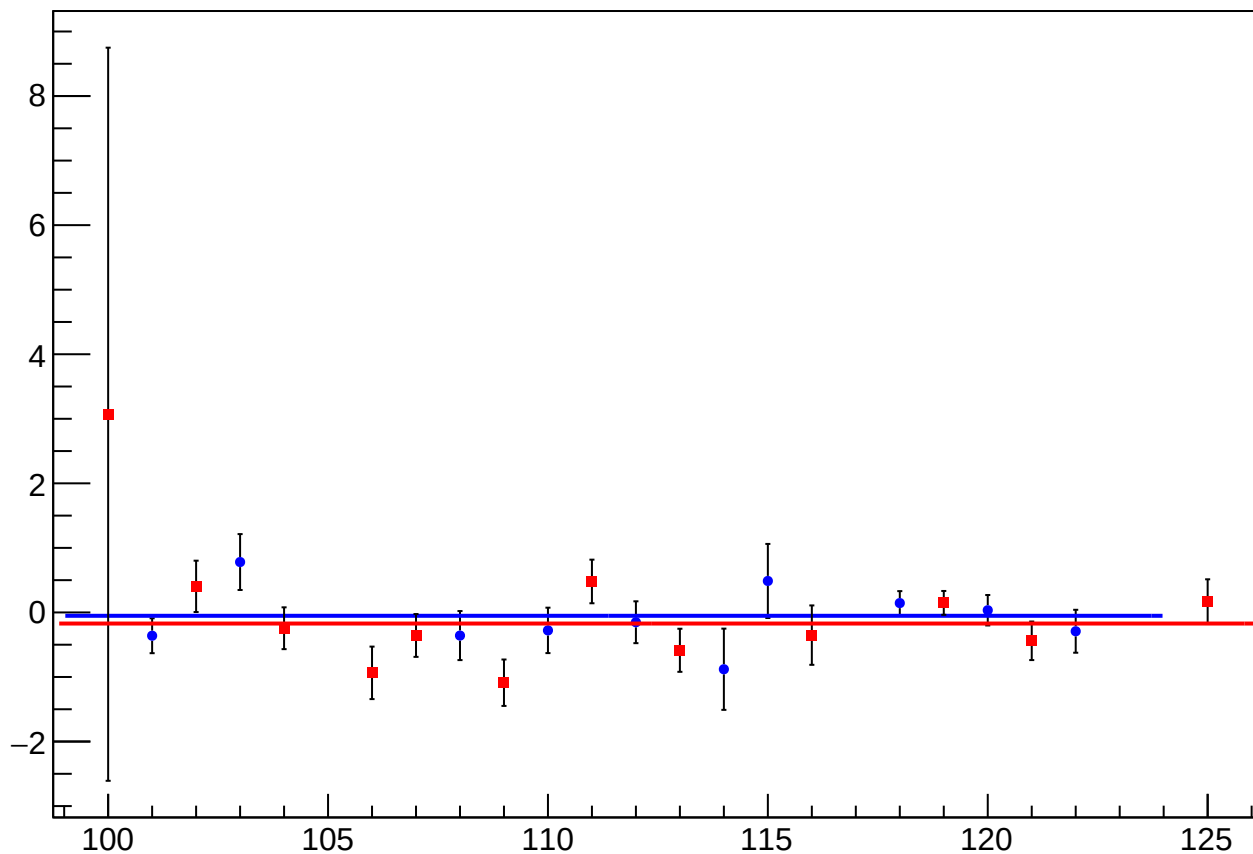
Right: 0.401 $\pm$ 0.064 χ^2 /NDF: 14.8/21

In: 0.395 $\pm$ 0.097 χ^2 /NDF:2.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.401 $\pm$ 0.064 χ^2 /NDF: 14.8/21

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: -0.172 ± 0.095 χ^2/NDF : 23.0/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

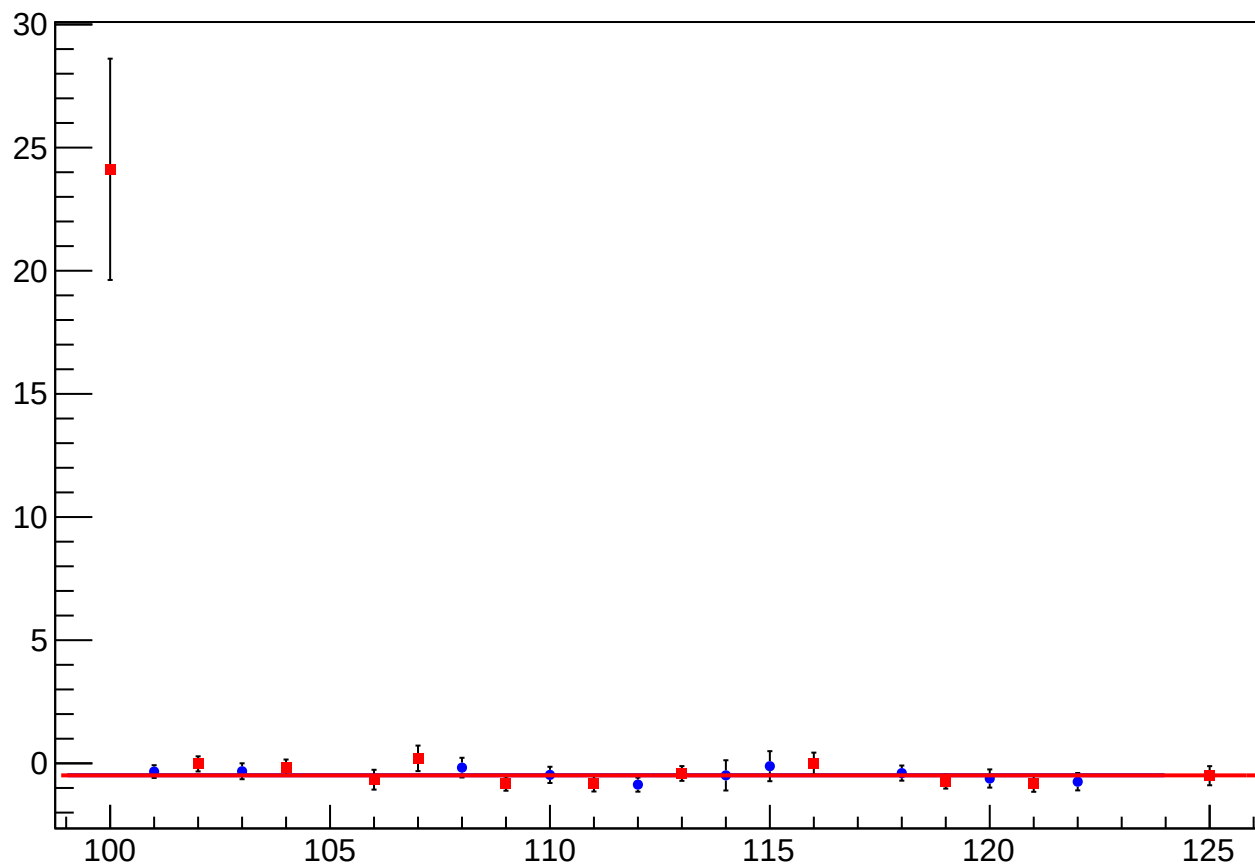
Right: -0.113 ± 0.068 χ^2/NDF : 34.3/21

In: -0.052 ± 0.097 χ^2/NDF : 10.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.113 ± 0.068 χ^2/NDF : 34.3/21

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: -0.488 ± 0.101 χ^2/NDF : 40.9/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

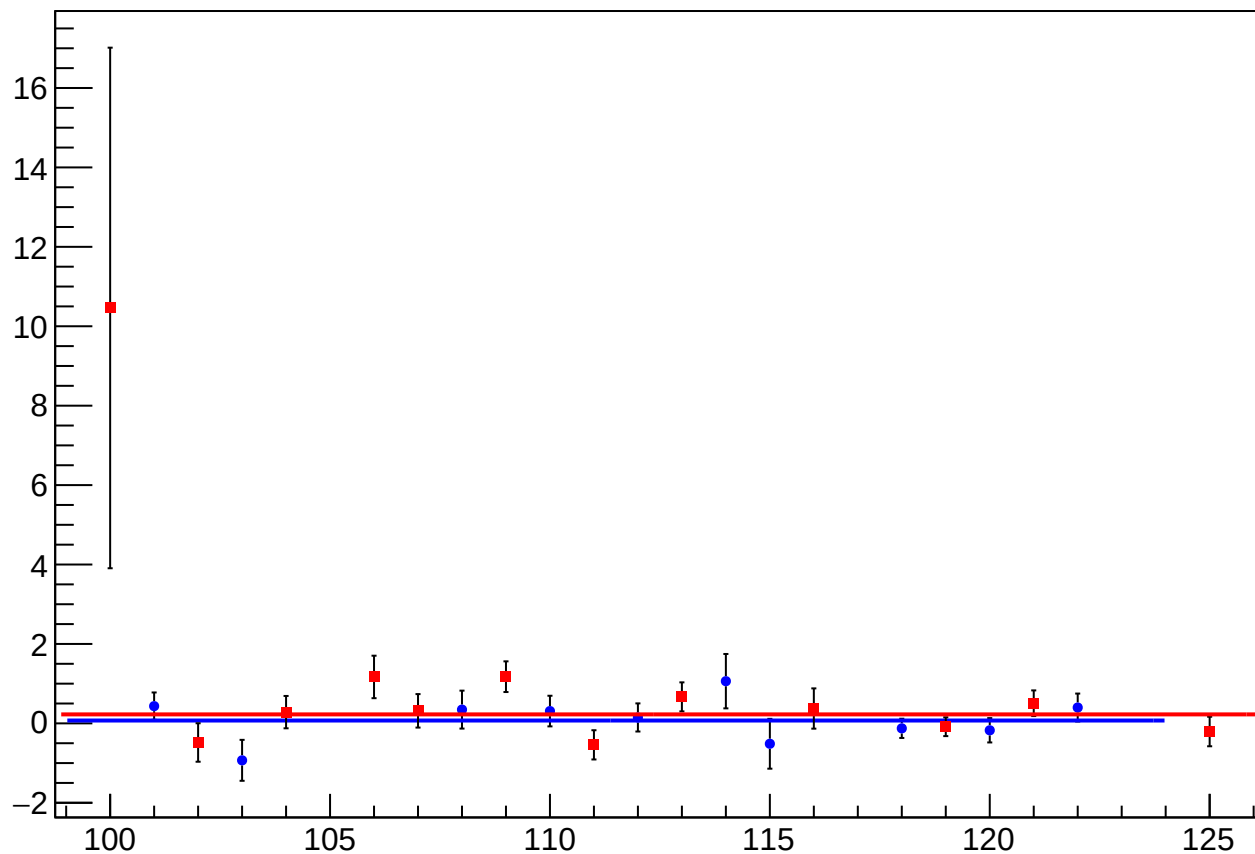
Right: -0.486 ± 0.074 χ^2/NDF : 45.0/21

In: -0.483 ± 0.109 χ^2/NDF : 4.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.486 ± 0.074 χ^2/NDF : 45.0/21

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: 0.226+/-0.112 χ^2/NDF : 23.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

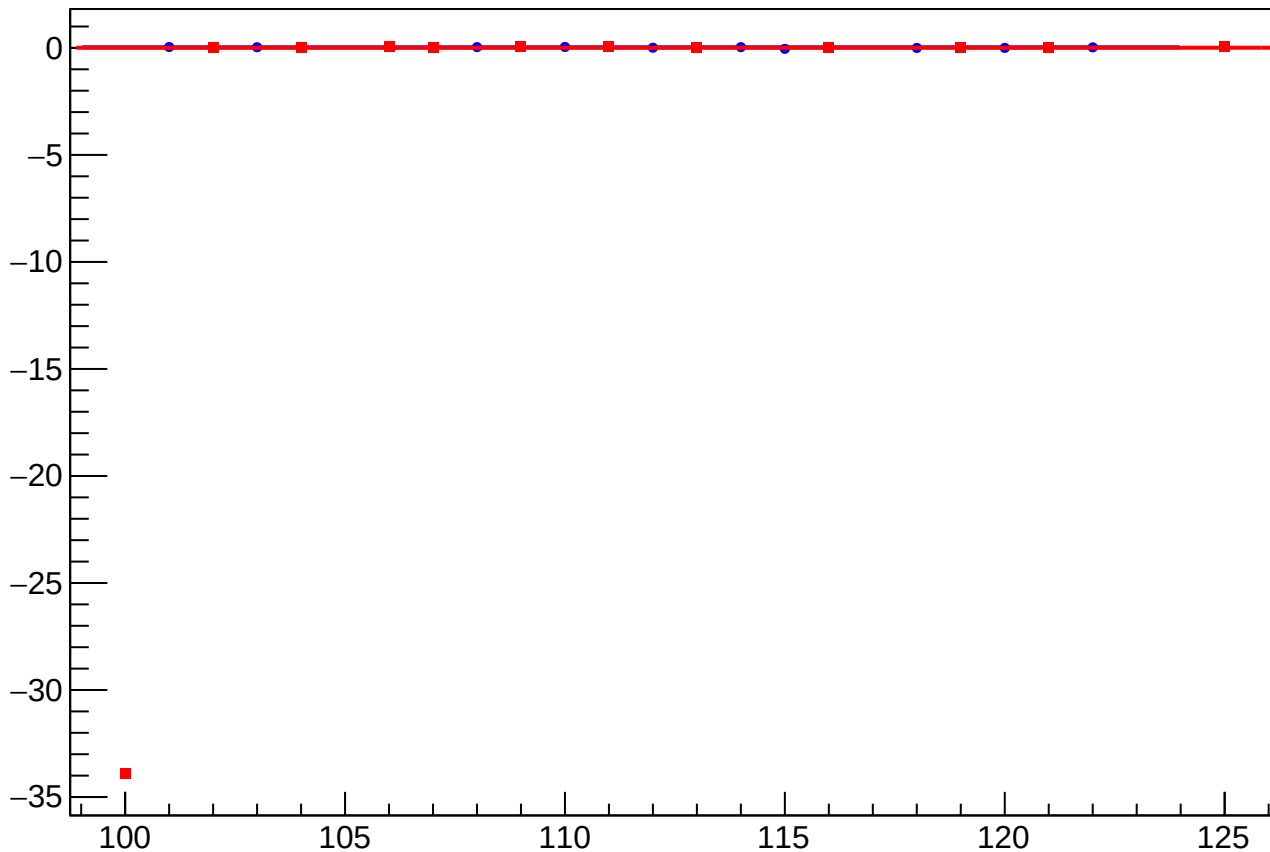
Right: 0.153+/-0.081 χ^2/NDF : 35.2/21

In: 0.072+/-0.118 χ^2/NDF : 10.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.153+/-0.081 χ^2/NDF : 35.2/21

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.027+/-0.007 χ^2/NDF : 7.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.006 χ^2/NDF : 22257.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

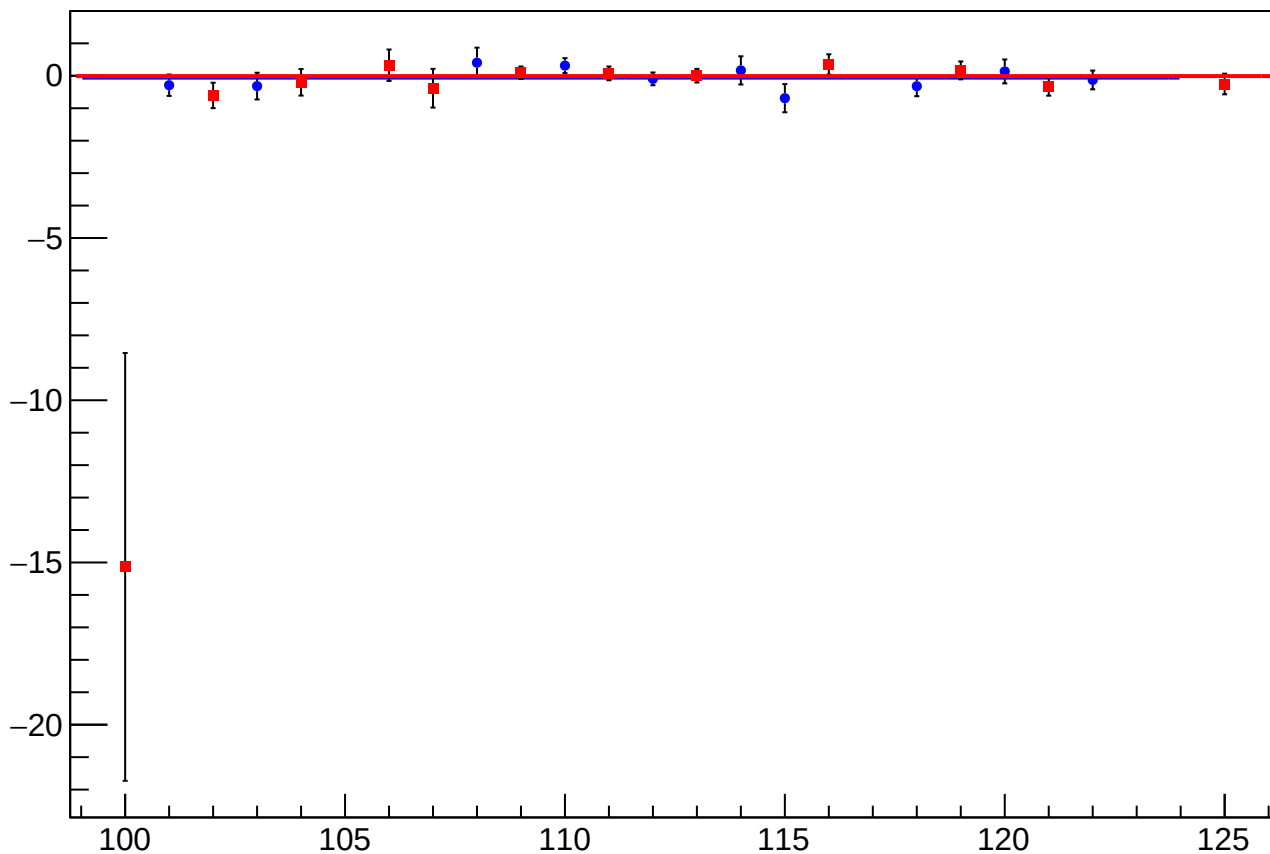
Right: 0.016+/-0.005 χ^2/NDF : 22269.4/21

In: 0.027+/-0.007 χ^2/NDF : 7.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.005 χ^2/NDF : 22269.4/21

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: -0.009 ± 0.086 χ^2/NDF : 12.5/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

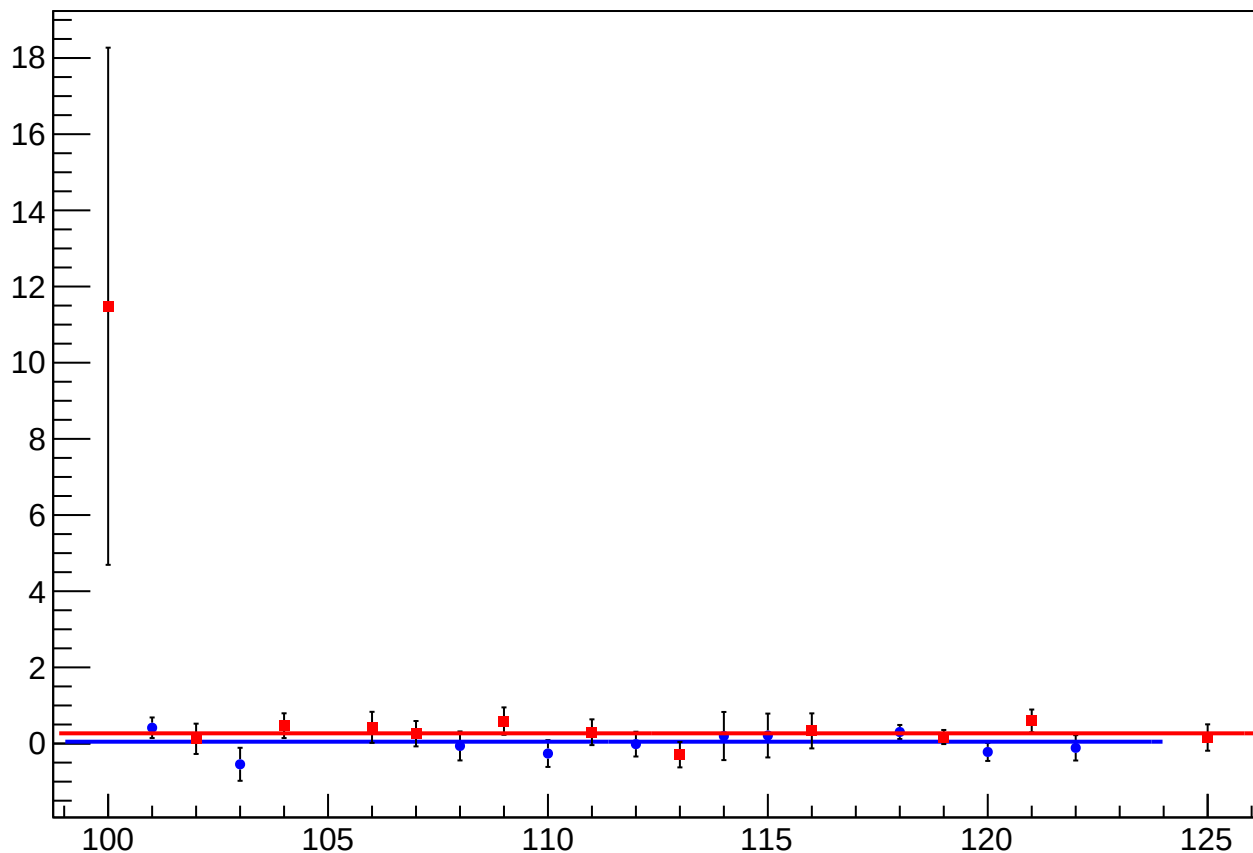
Right: -0.030 ± 0.064 χ^2/NDF : 20.6/21

In: -0.056 ± 0.098 χ^2/NDF : 8.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.030 ± 0.064 χ^2/NDF : 20.6/21

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: 0.269 $\pm$ 0.095 χ^2 /NDF: 8.6/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

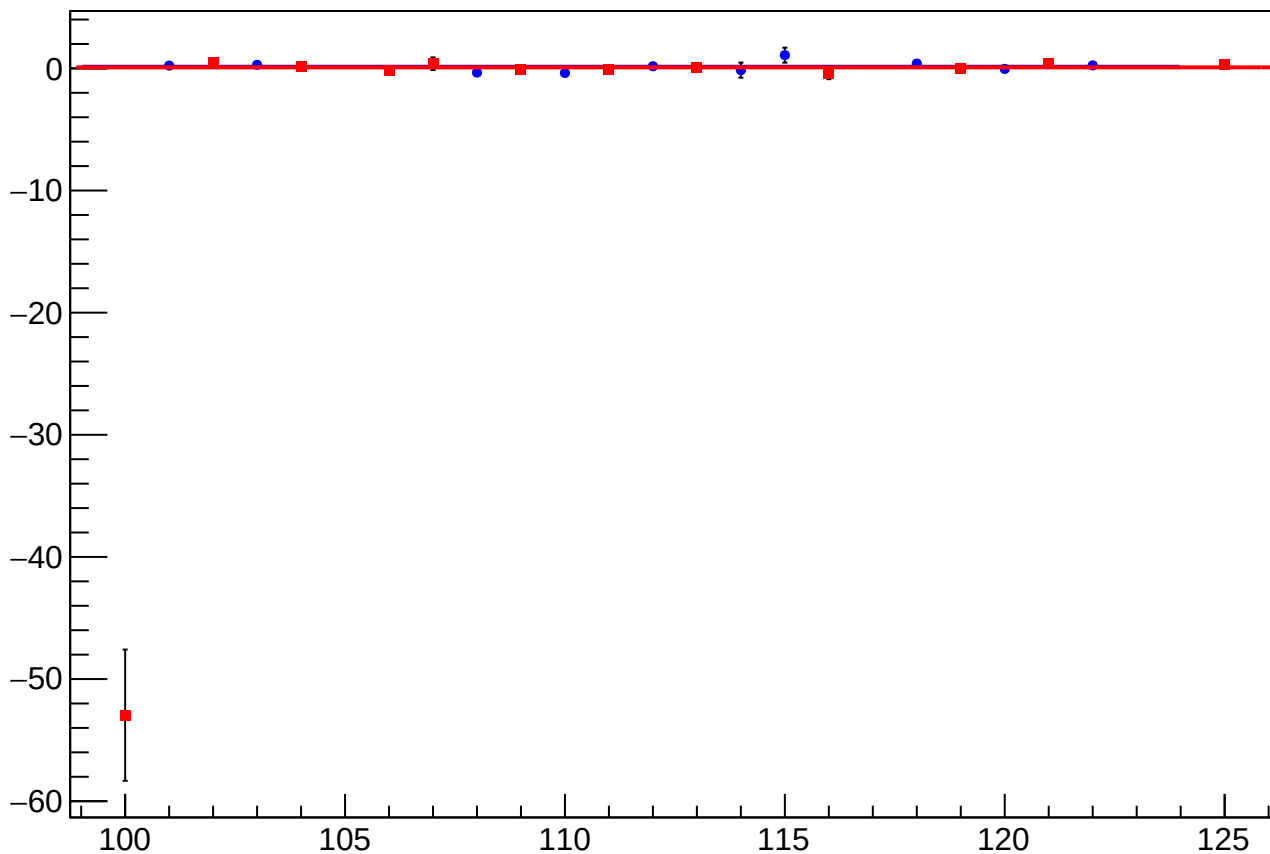
Right: 0.161 $\pm$ 0.068 χ^2 /NDF: 19.4/21

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 $\pm$ 0.068 χ^2 /NDF: 19.4/21

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: 0.085+/-0.102 χ^2/NDF : 103.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

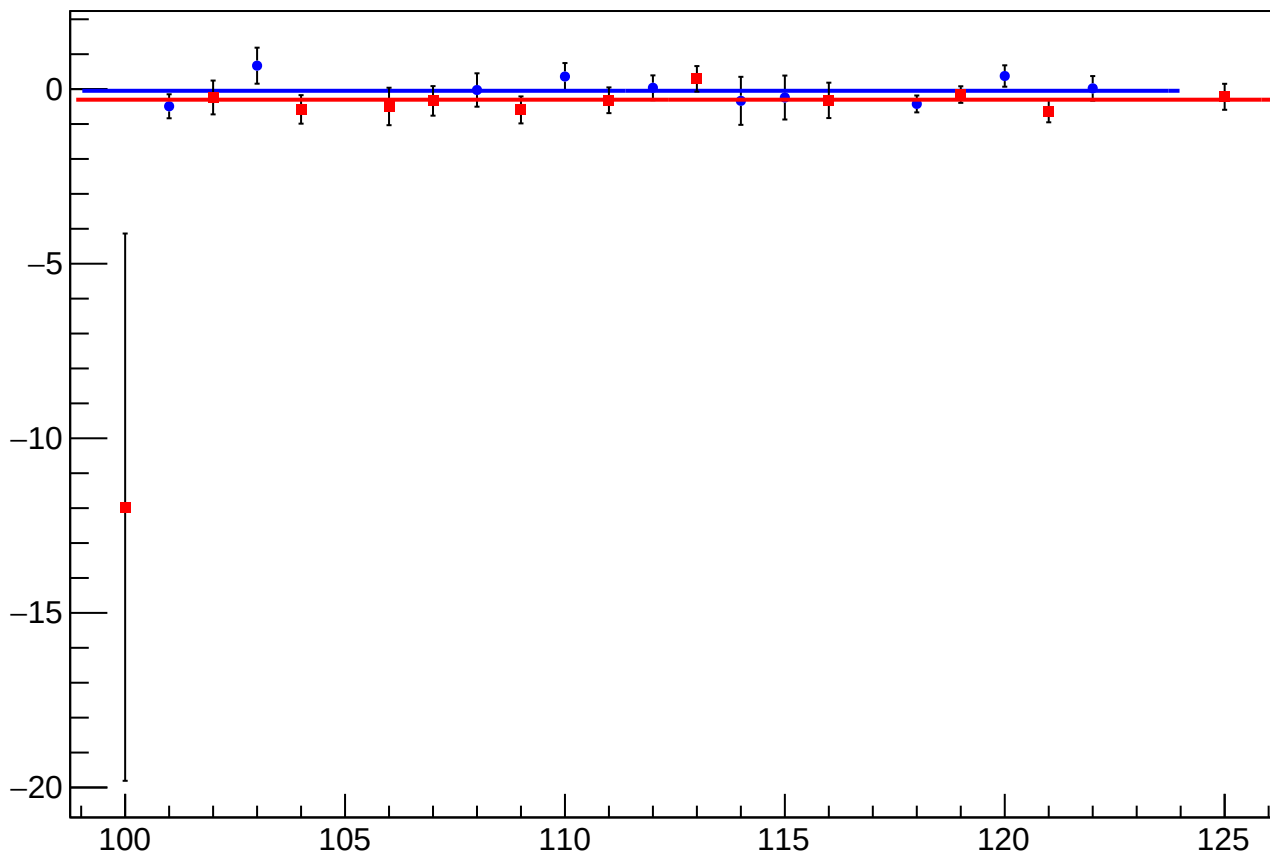
Right: 0.107+/-0.074 χ^2/NDF : 111.6/21

In: 0.133+/-0.109 χ^2/NDF : 7.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.107+/-0.074 χ^2/NDF : 111.6/21

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.048+/-0.118 χ^2 /NDF: 9.4/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.303+/-0.112 χ^2 /NDF: 7.5/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

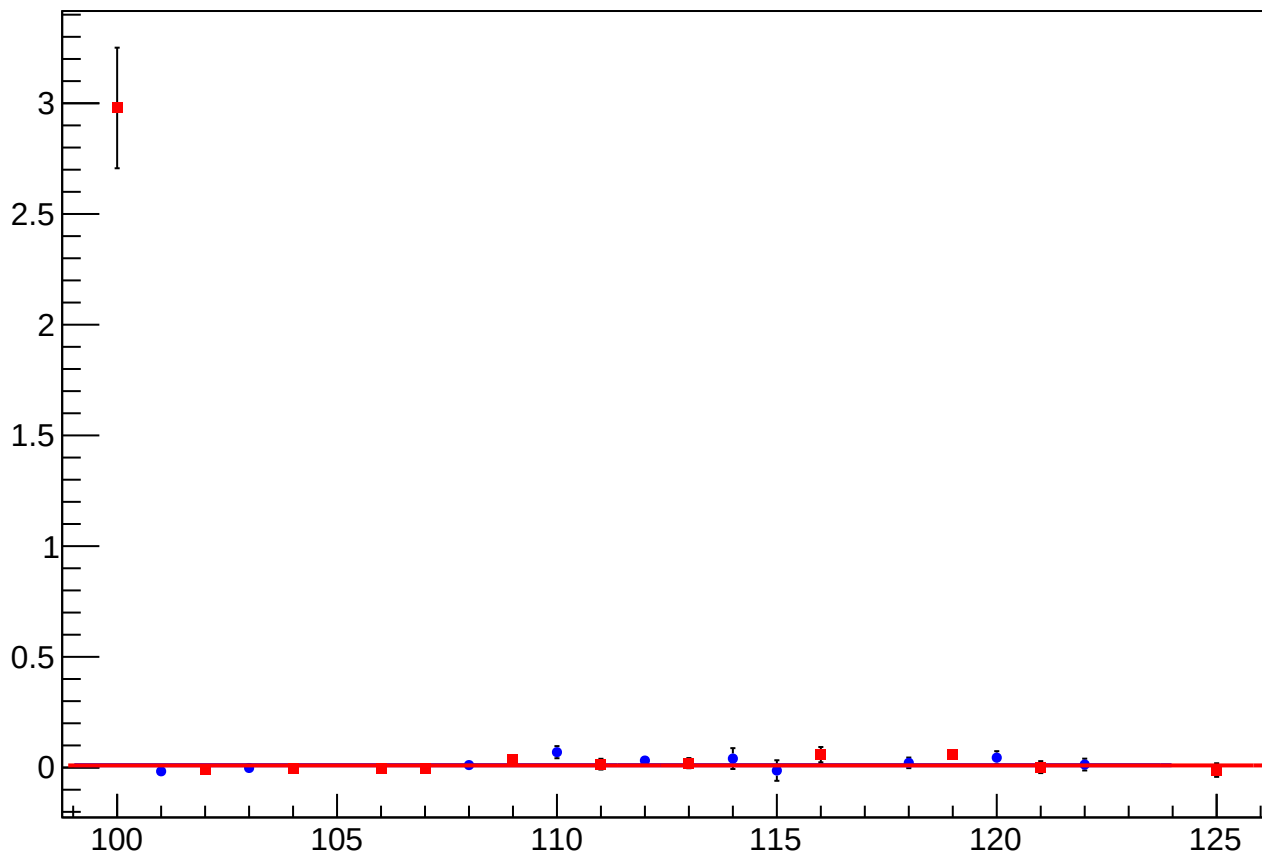
Right: -0.182+/-0.081 χ^2 /NDF: 19.4/21

In: -0.048+/-0.118 χ^2 /NDF:9.4/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.182+/-0.081 χ^2 /NDF: 19.4/21

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.011 $\pm$ 0.007 χ^2 /NDF: 11.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.010 $\pm$ 0.006 χ^2 /NDF: 131.5/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

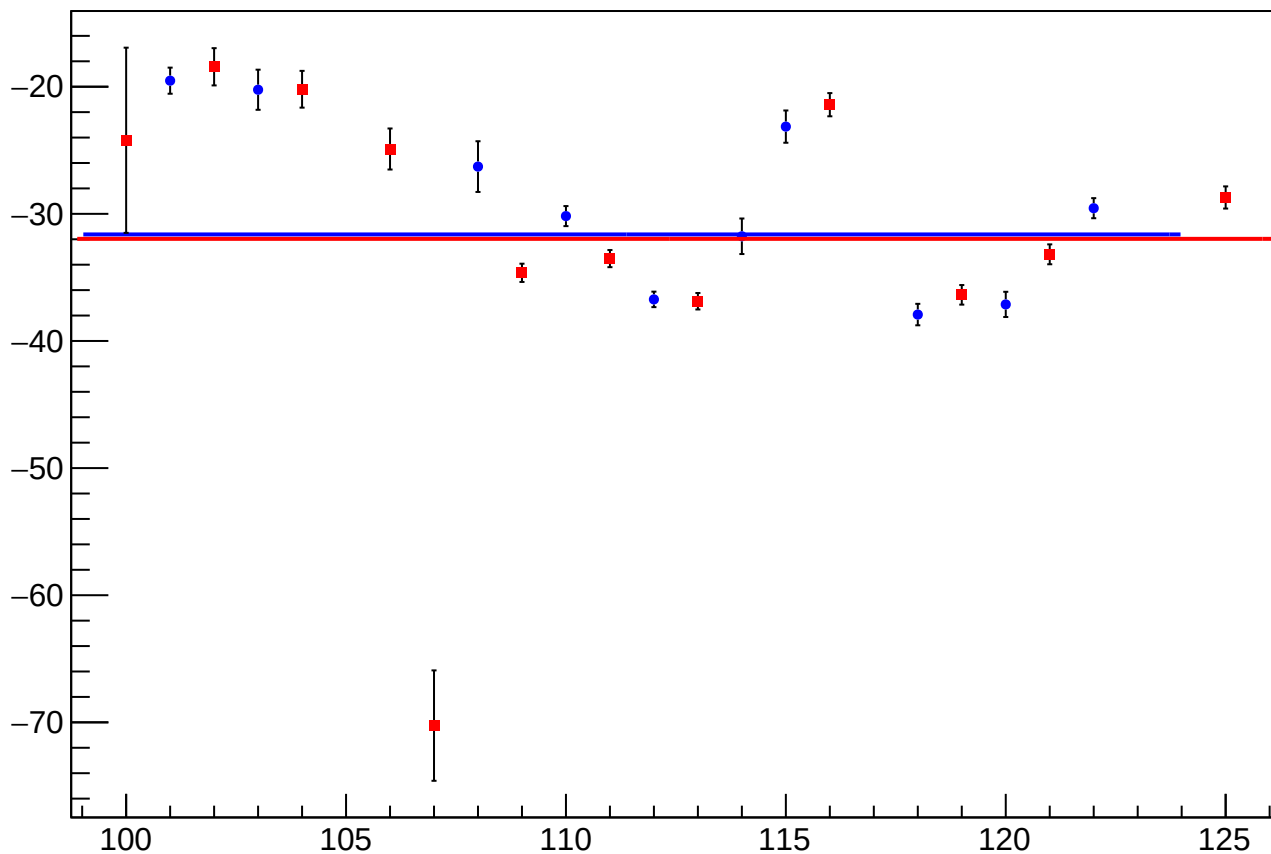
Right: 0.010 $\pm$ 0.005 χ^2 /NDF: 143.3/21

In: 0.011 $\pm$ 0.007 χ^2 /NDF: 11.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.005 χ^2 /NDF: 143.3/21

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -31.620 $\pm$ 0.301 χ^2 /NDF: 409.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -31.967 $\pm$ 0.270 χ^2 /NDF: 508.9/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

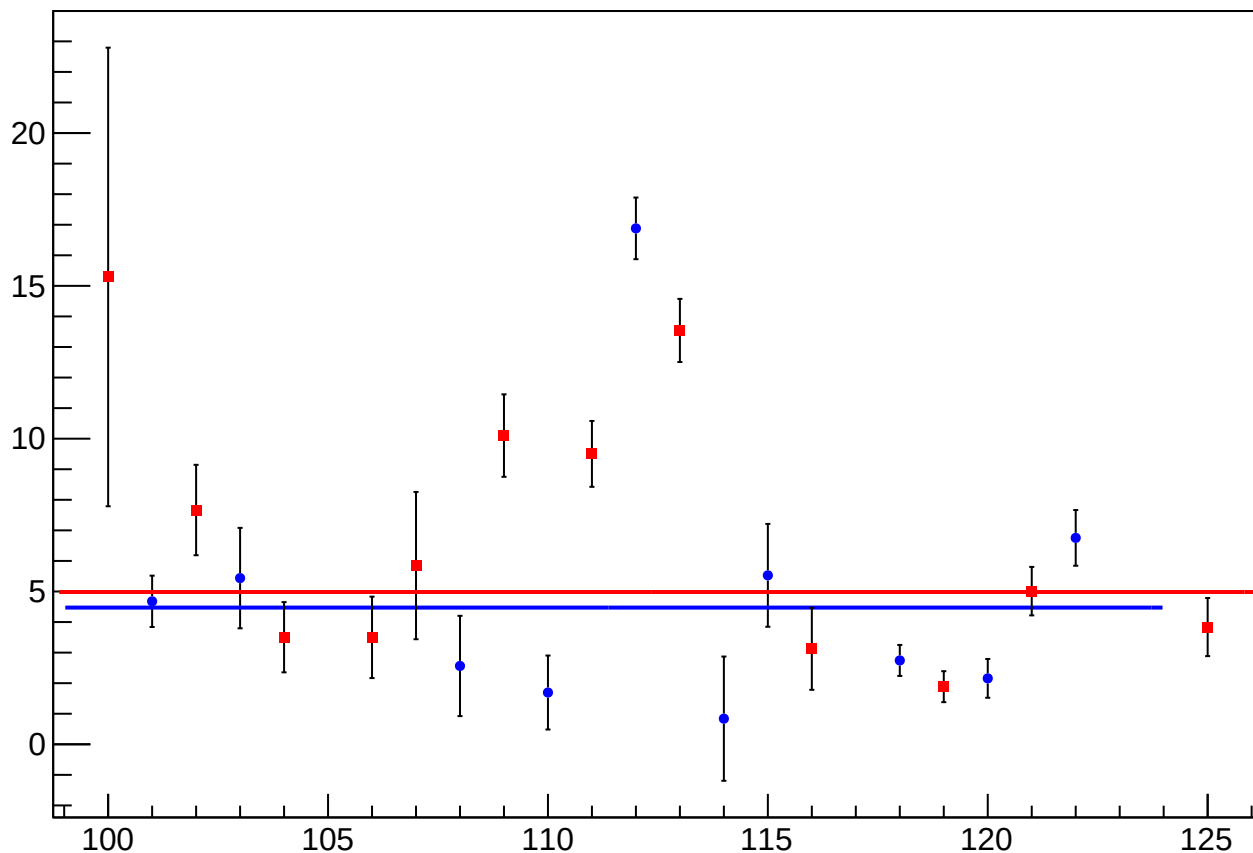
Right: -31.813 $\pm$ 0.201 χ^2 /NDF: 919.4/21

In: -31.620 $\pm$ 0.301 χ^2 /NDF:409.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -31.813 $\pm$ 0.201 χ^2 /NDF: 919.4/21

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: 4.983+/-0.295 χ^2/NDF : 149.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

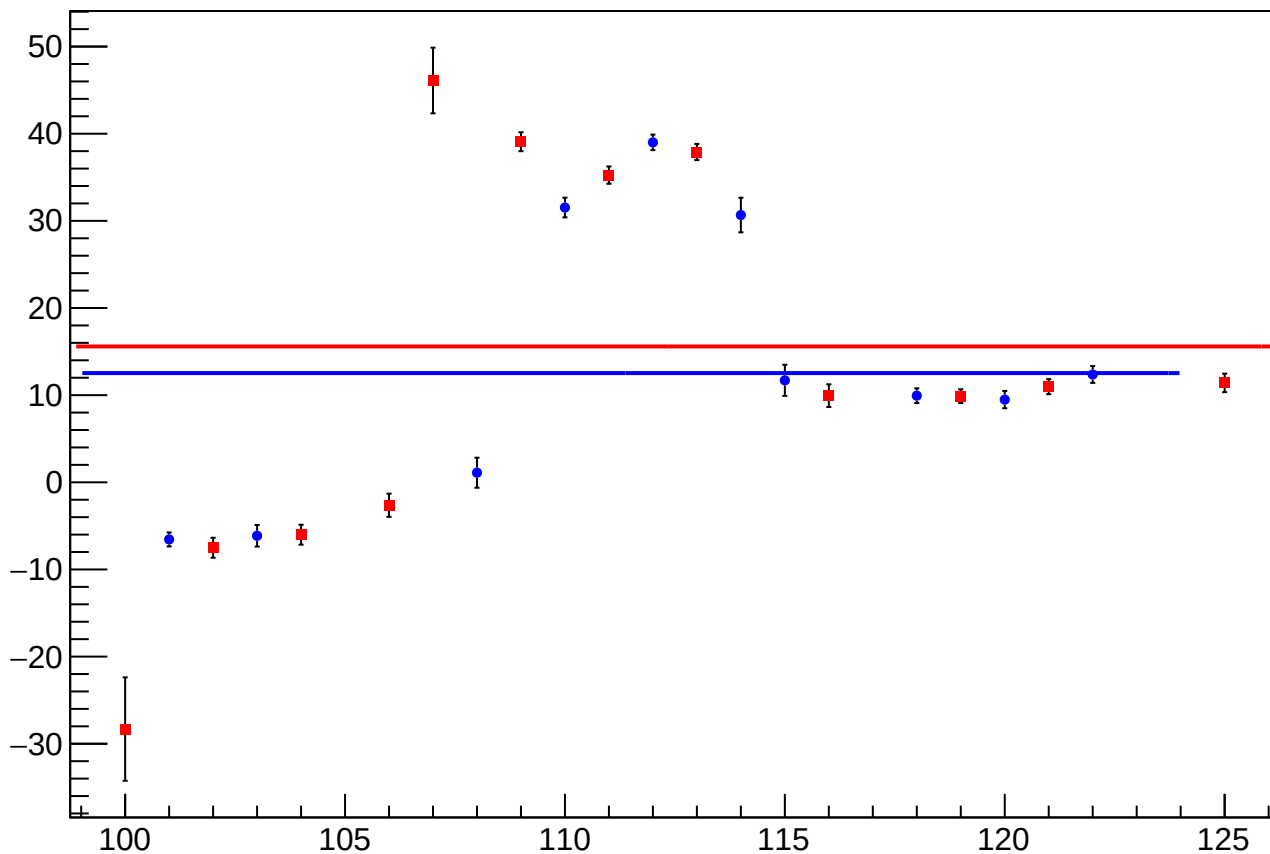
Right: 4.722+/-0.206 χ^2/NDF : 344.4/21

In: 4.473+/-0.289 χ^2/NDF : 193.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.722+/-0.206 χ^2/NDF : 344.4/21

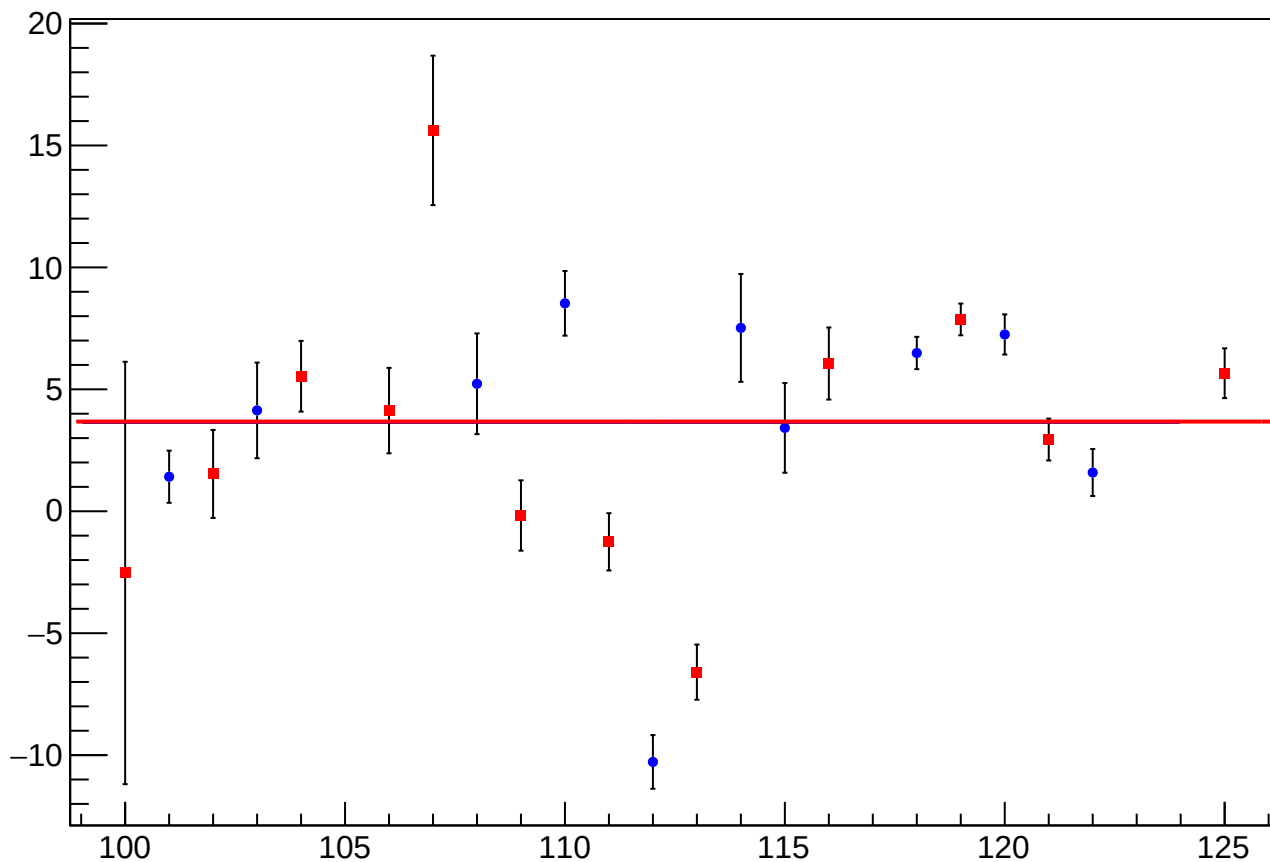
reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 15.588+/-0.322 χ^2/NDF : 2627.3/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 14.144+/-0.234 χ^2/NDF : 4772.1/21
 In: 12.533+/-0.340 χ^2/NDF : 2102.2/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 14.144+/-0.234 χ^2/NDF : 4772.1/21

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: 3.677+/-0.346 χ^2/NDF : 174.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

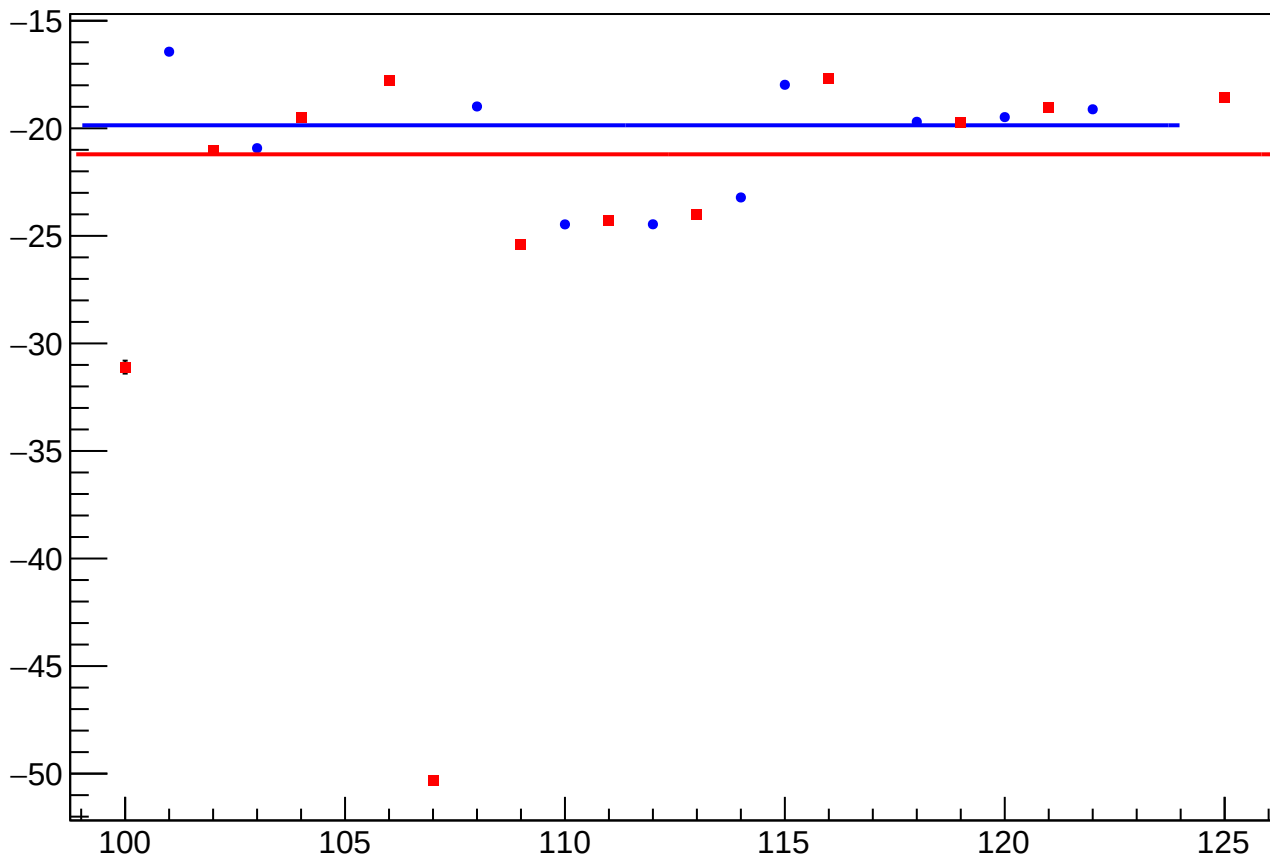
Right: 3.670+/-0.247 χ^2/NDF : 398.4/21

In: 3.663+/-0.352 χ^2/NDF : 223.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.670+/-0.247 χ^2/NDF : 398.4/21

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: -21.209+/-0.021 χ^2/NDF : 50965.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

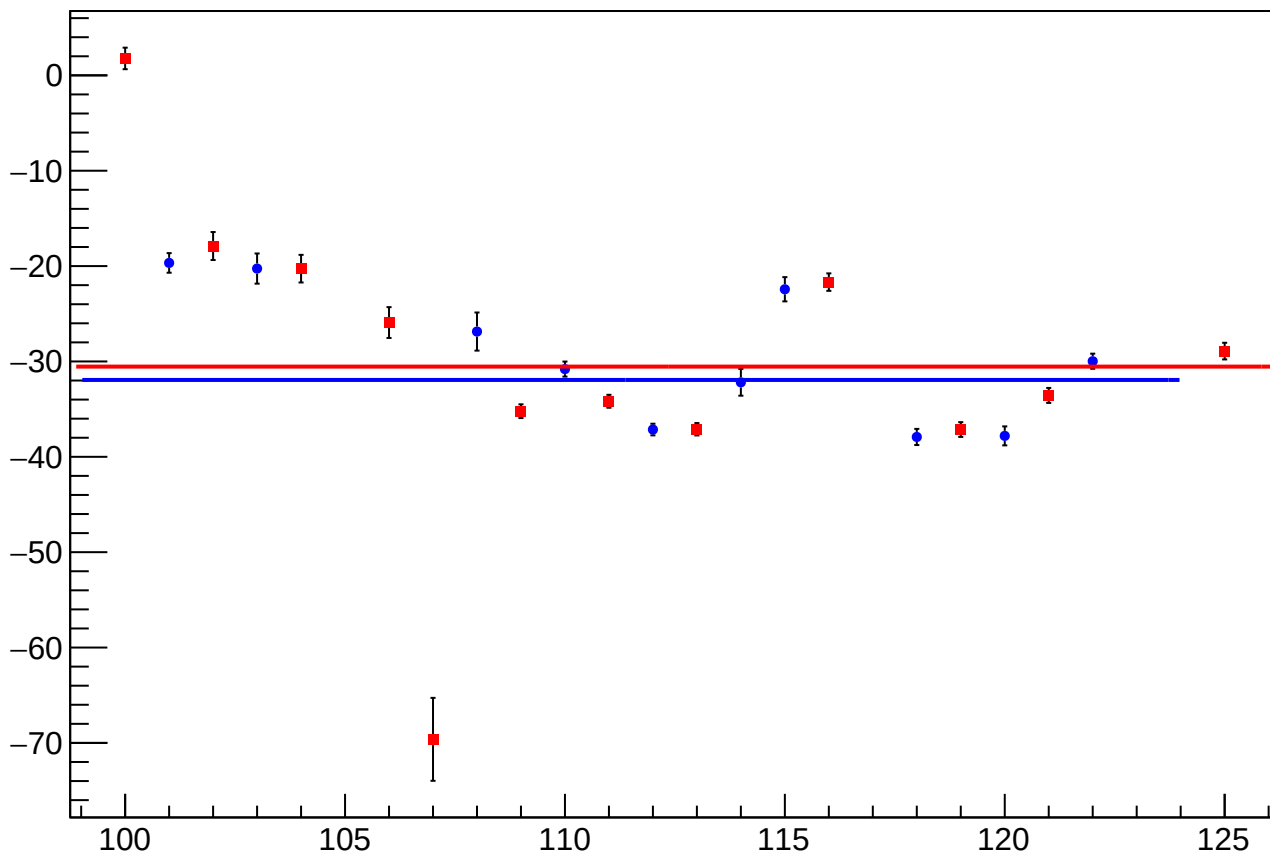
Right: -20.573+/-0.015 χ^2/NDF : 66160.2/21

In: -19.860+/-0.022 χ^2/NDF : 13261.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.573+/-0.015 χ^2/NDF : 66160.2/21

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: -30.540+/-0.263 χ^2/NDF : 1392.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

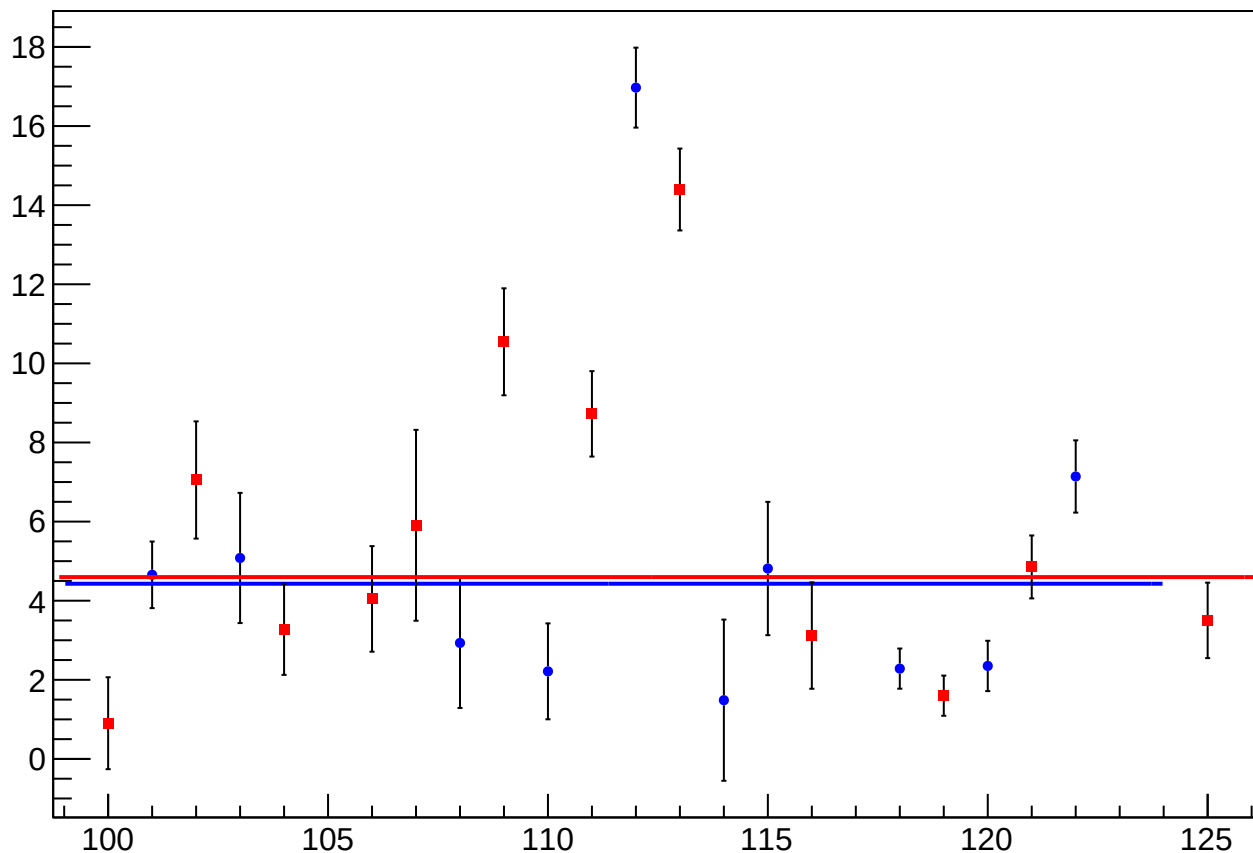
Right: -31.145+/-0.198 χ^2/NDF : 1829.8/21

In: -31.939+/-0.301 χ^2/NDF : 425.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.145+/-0.198 χ^2/NDF : 1829.8/21

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: 4.597+/-0.287 χ^2/NDF : 175.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

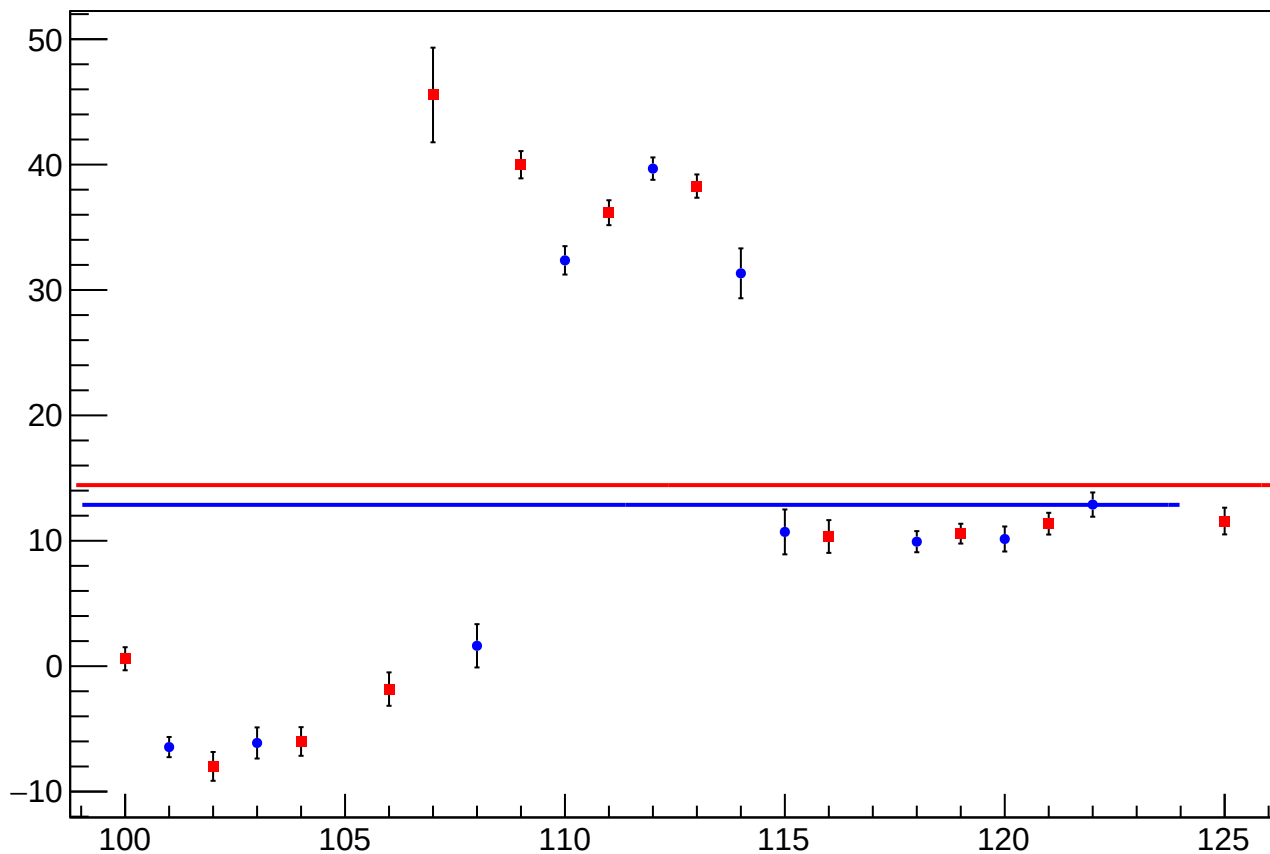
Right: 4.514+/-0.204 χ^2/NDF : 373.8/21

In: 4.429+/-0.289 χ^2/NDF : 198.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.514+/-0.204 χ^2/NDF : 373.8/21

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: 14.440+/-0.305 χ^2 /NDF: 2887.2/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

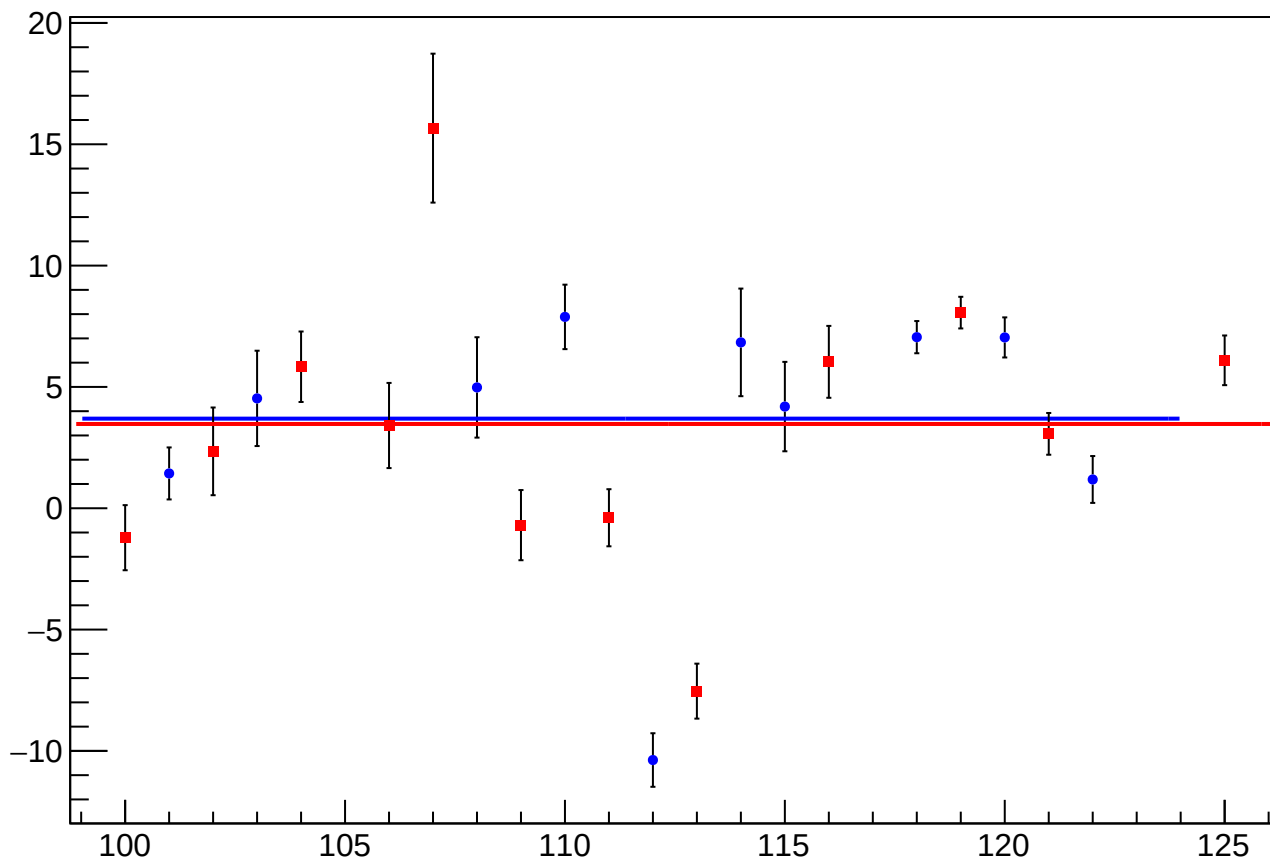
Right: 13.740+/-0.227 χ^2 /NDF: 5055.8/21

In: 12.865+/-0.341 χ^2 /NDF:2156.8/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 13.740+/-0.227 χ^2 /NDF: 5055.8/21

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: 3.473+/-0.336 χ^2/NDF : 203.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

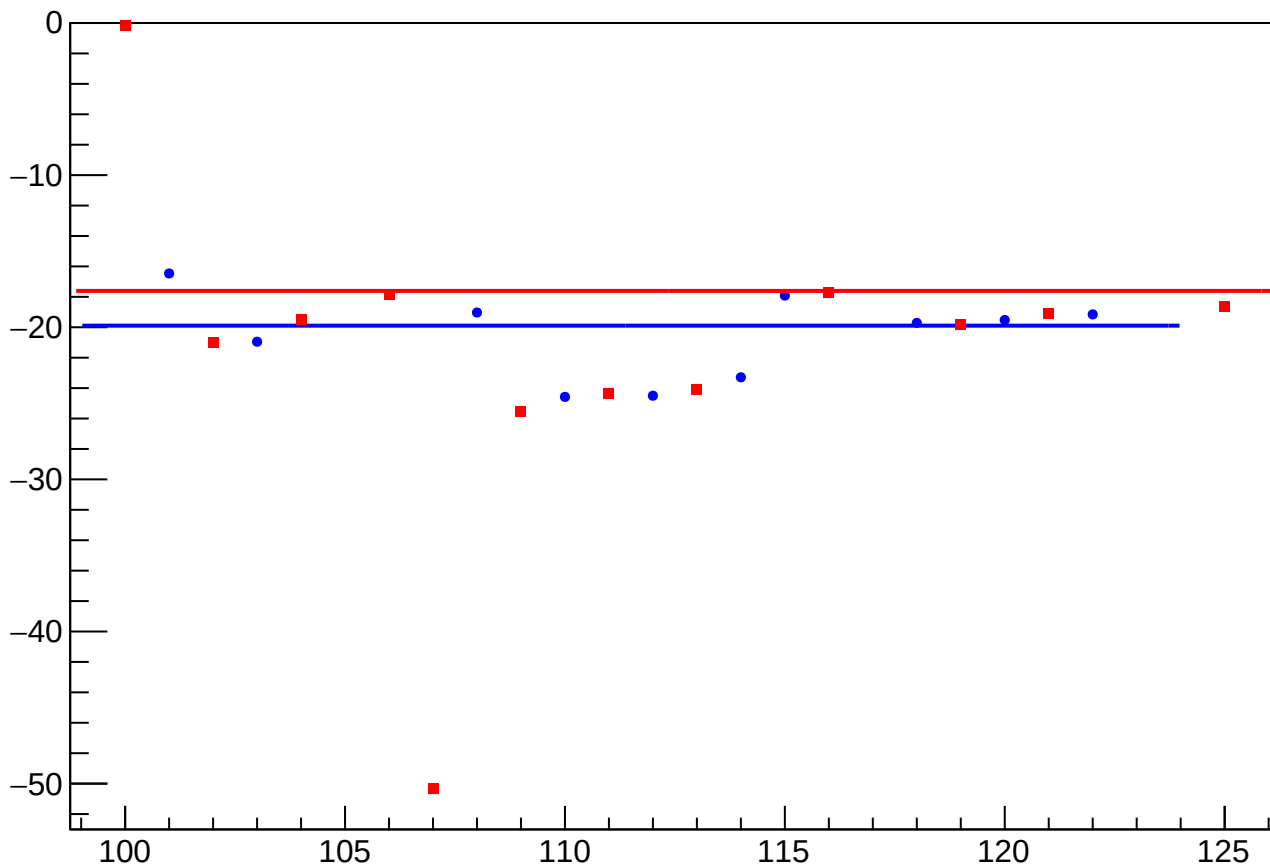
Right: 3.578+/-0.243 χ^2/NDF : 432.4/21

In: 3.693+/-0.352 χ^2/NDF : 228.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.578+/-0.243 χ^2/NDF : 432.4/21

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: -17.610+/-0.019 χ^2/NDF : 218869.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

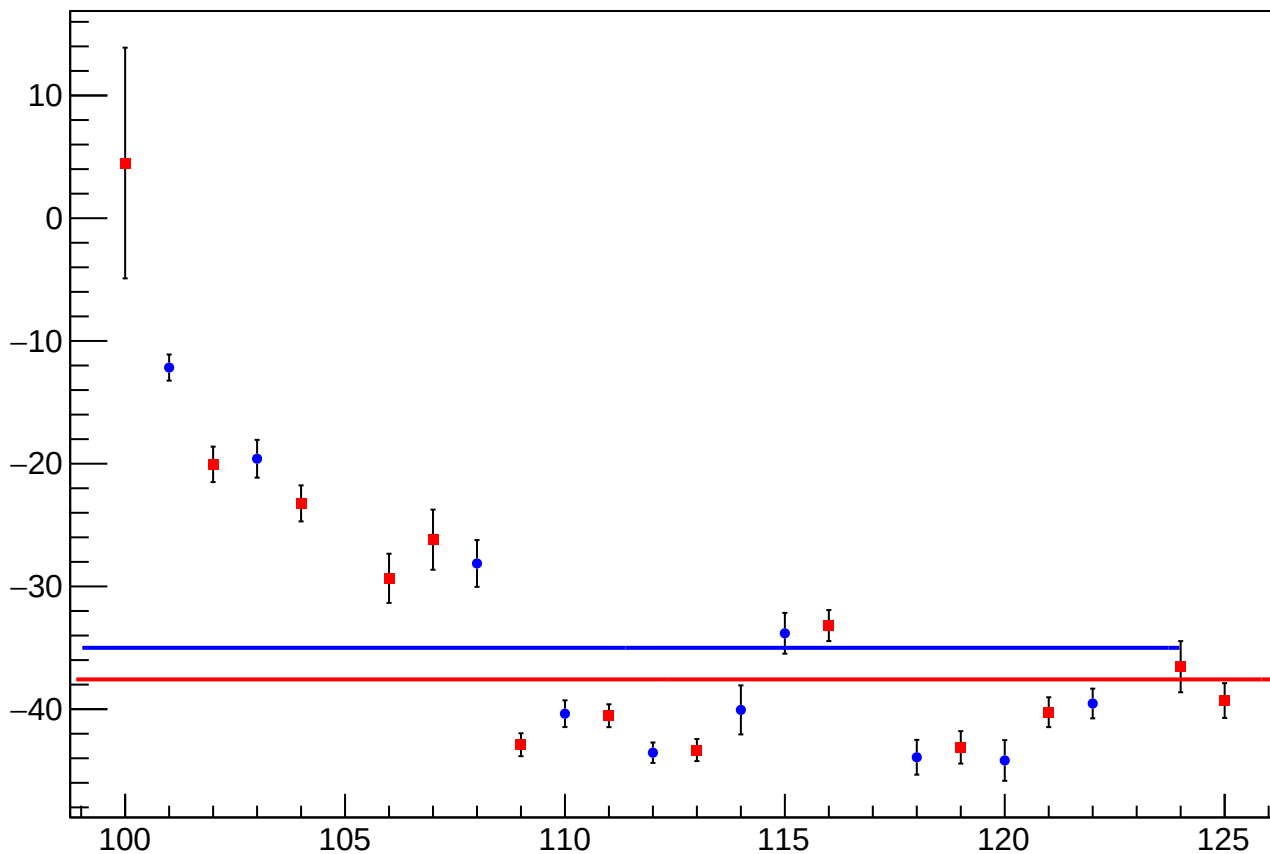
Right: -18.583+/-0.015 χ^2/NDF : 238206.4/21

In: -19.894+/-0.022 χ^2/NDF : 13346.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.583+/-0.015 χ^2/NDF : 238206.4/21

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -35.000 ± 0.407 $\chi^2/\text{NDF}: 794.7/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -37.575 ± 0.365 $\chi^2/\text{NDF}: 421.2/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

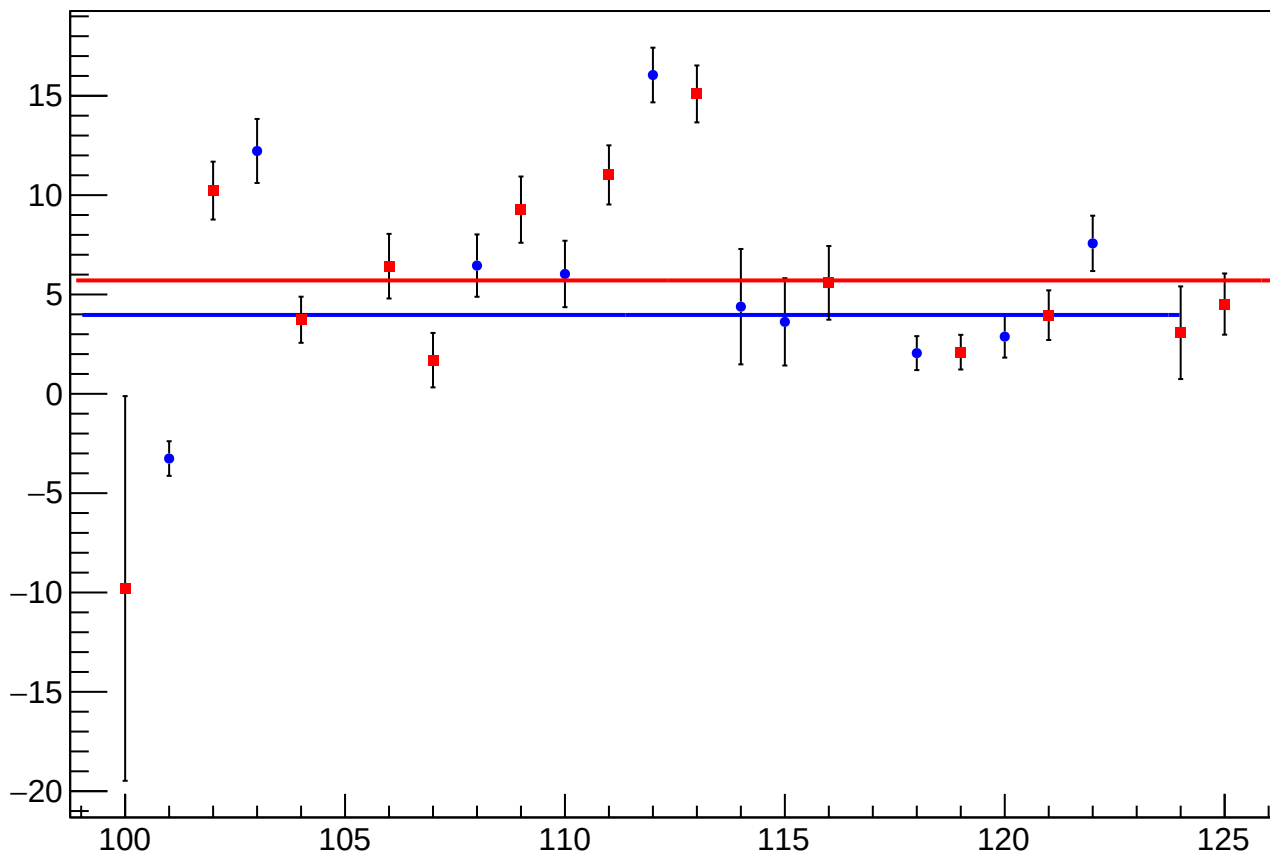
Right: -36.429 ± 0.272 $\chi^2/\text{NDF}: 1238.1/22$

In: -35.000 ± 0.407 $\chi^2/\text{NDF}: 794.7/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -36.429 ± 0.272 $\chi^2/\text{NDF}: 1238.1/22$

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: 5.707+/-0.399 χ^2/NDF : 105.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

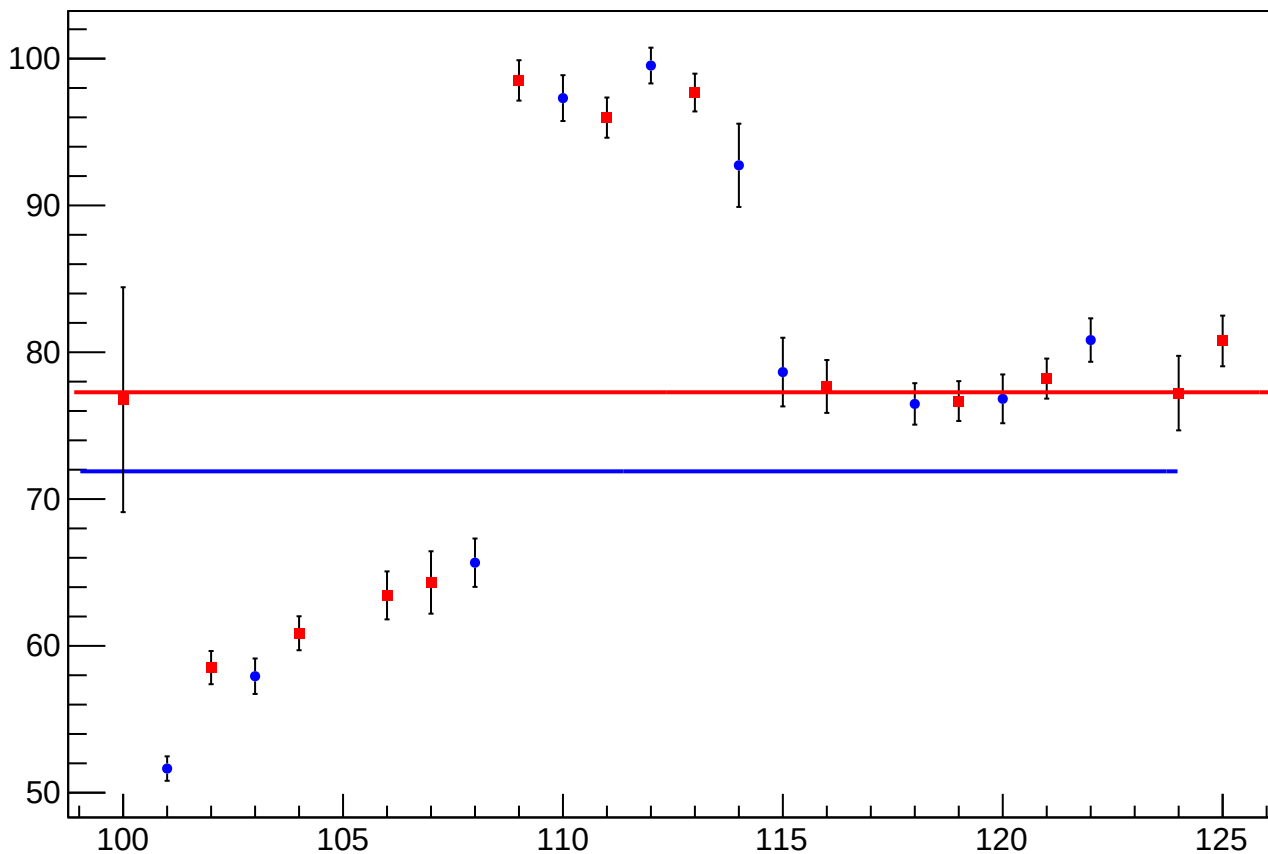
Right: 4.852+/-0.284 χ^2/NDF : 303.4/22

In: 3.970+/-0.405 χ^2/NDF : 188.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.852+/-0.284 χ^2/NDF : 303.4/22

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: 77.274+/-0.419 χ^2/NDF : 1266.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

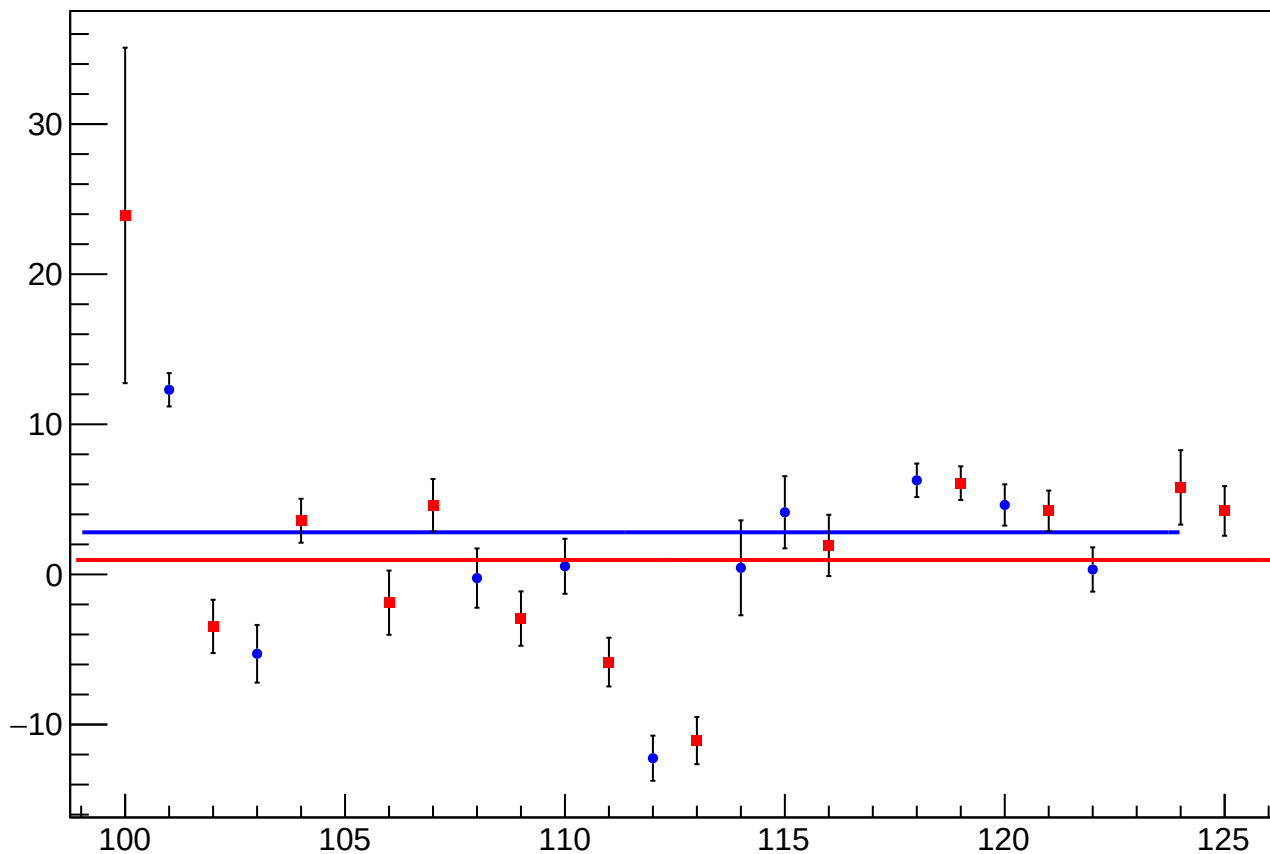
Right: 74.701+/-0.303 χ^2/NDF : 2982.6/22

In: 71.889+/-0.438 χ^2/NDF : 1637.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.701+/-0.303 χ^2/NDF : 2982.6/22

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.806+/-0.491 χ^2/NDF : 210.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.963+/-0.469 χ^2/NDF : 135.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

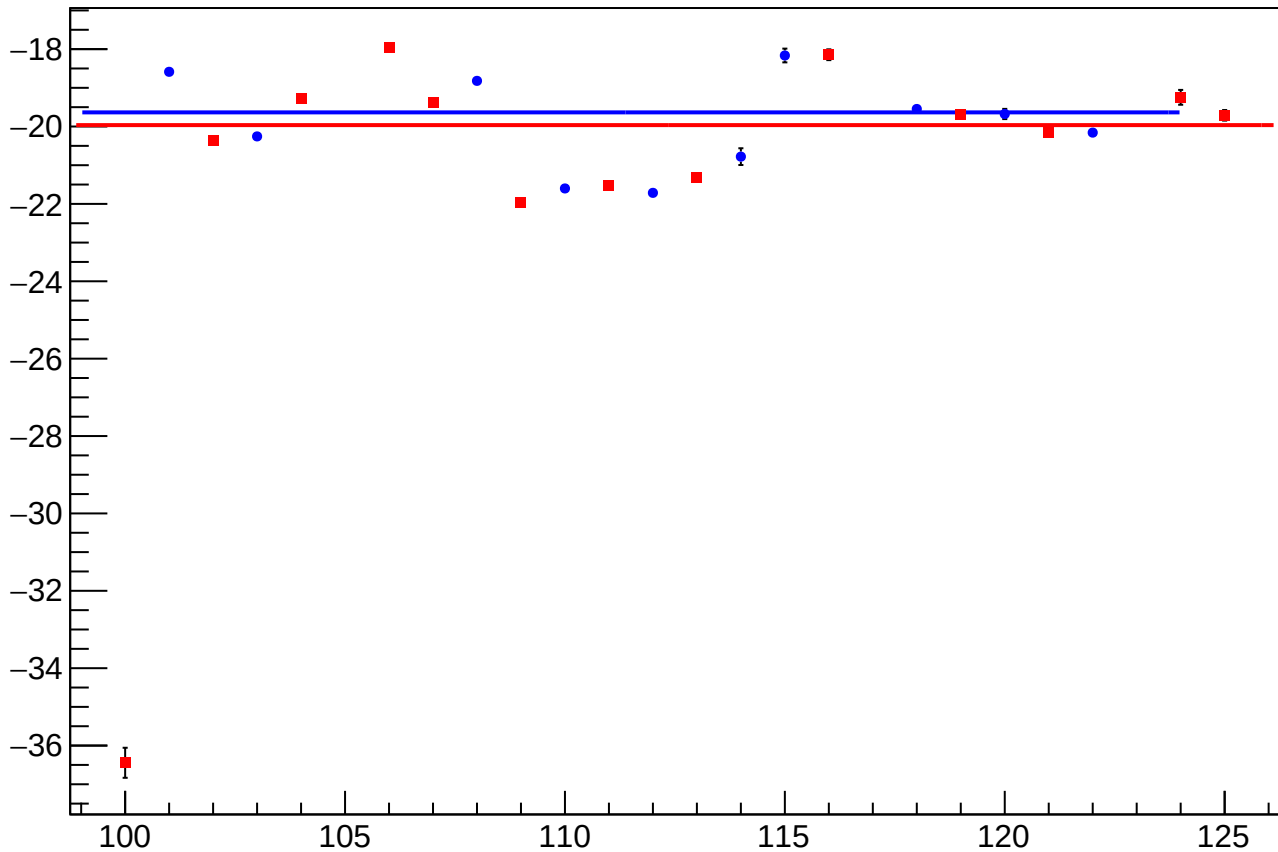
Right: 1.842+/-0.339 χ^2/NDF : 353.0/22

In: 2.806+/-0.491 χ^2/NDF :210.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.842+/-0.339 χ^2/NDF : 353.0/22

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: -19.964+/-0.025 χ^2/NDF : 3779.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

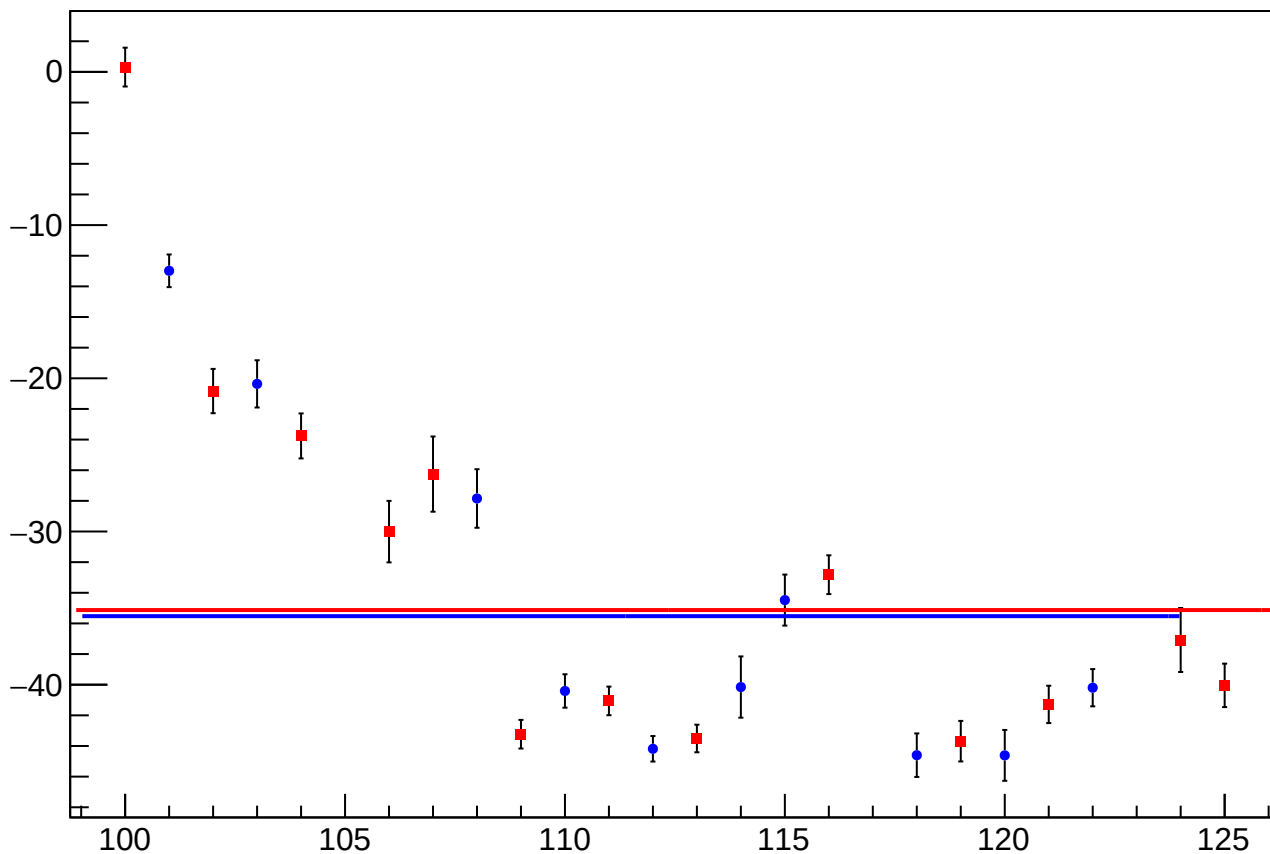
Right: -19.809+/-0.018 χ^2/NDF : 5431.8/22

In: -19.635+/-0.026 χ^2/NDF : 1568.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.809+/-0.018 χ^2/NDF : 5431.8/22

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -35.526 $\pm$ 0.408 χ^2 /NDF: 779.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -35.128 $\pm$ 0.351 χ^2 /NDF: 1244.6/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

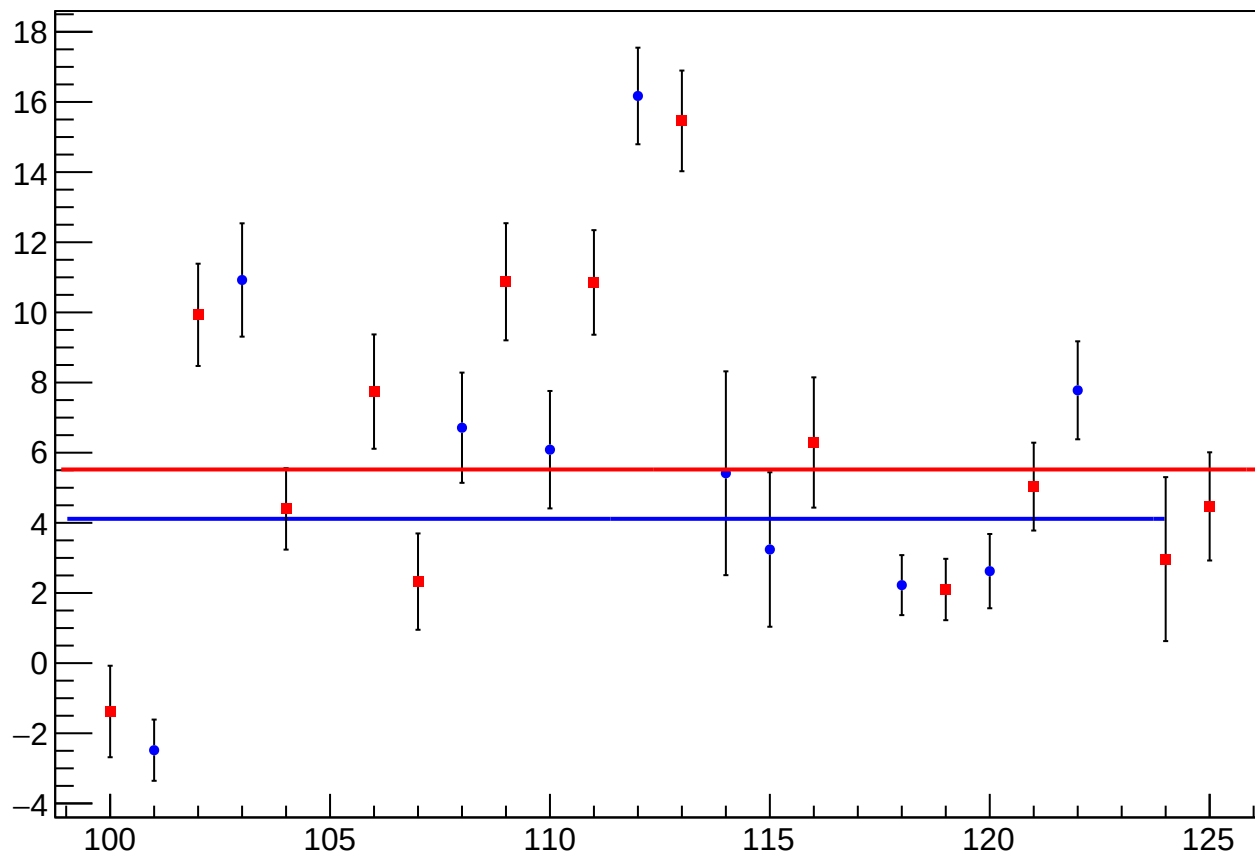
Right: -35.298 $\pm$ 0.266 χ^2 /NDF: 2024.9/22

In: -35.526 $\pm$ 0.408 χ^2 /NDF: 779.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -35.298 $\pm$ 0.266 χ^2 /NDF: 2024.9/22

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.115 $\pm$ 0.406 χ^2 /NDF: 169.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5.522 $\pm$ 0.382 χ^2 /NDF: 133.7/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

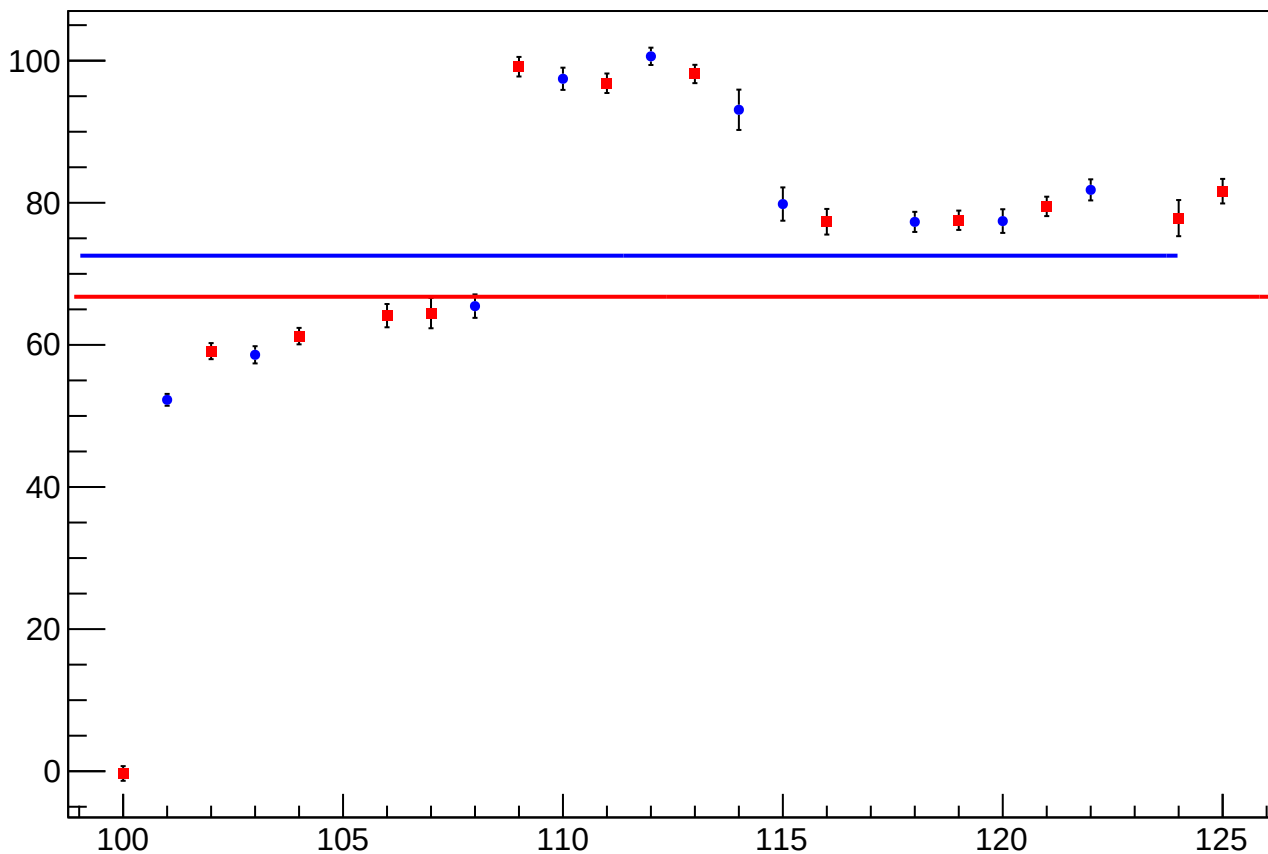
Right: 4.859 $\pm$ 0.278 χ^2 /NDF: 309.8/22

In: 4.115 $\pm$ 0.406 χ^2 /NDF:169.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4.859 $\pm$ 0.278 χ^2 /NDF: 309.8/22

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: 66.775+/-0.390 χ^2/NDF : 6188.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

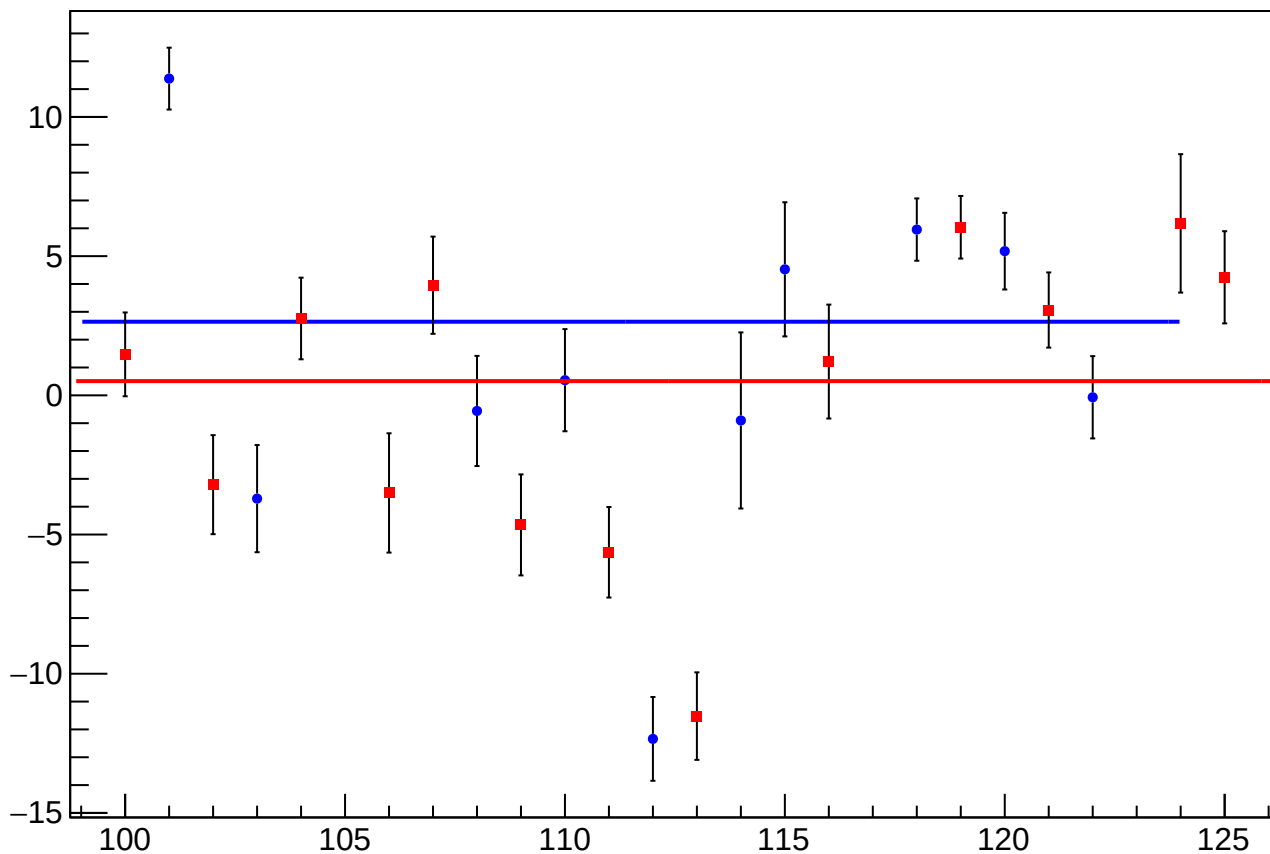
Right: 69.323+/-0.291 χ^2/NDF : 7932.6/22

In: 72.556+/-0.439 χ^2/NDF : 1647.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.323+/-0.291 χ^2/NDF : 7932.6/22

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: 0.511 $\pm$ 0.449 χ^2/NDF : 133.7/12

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

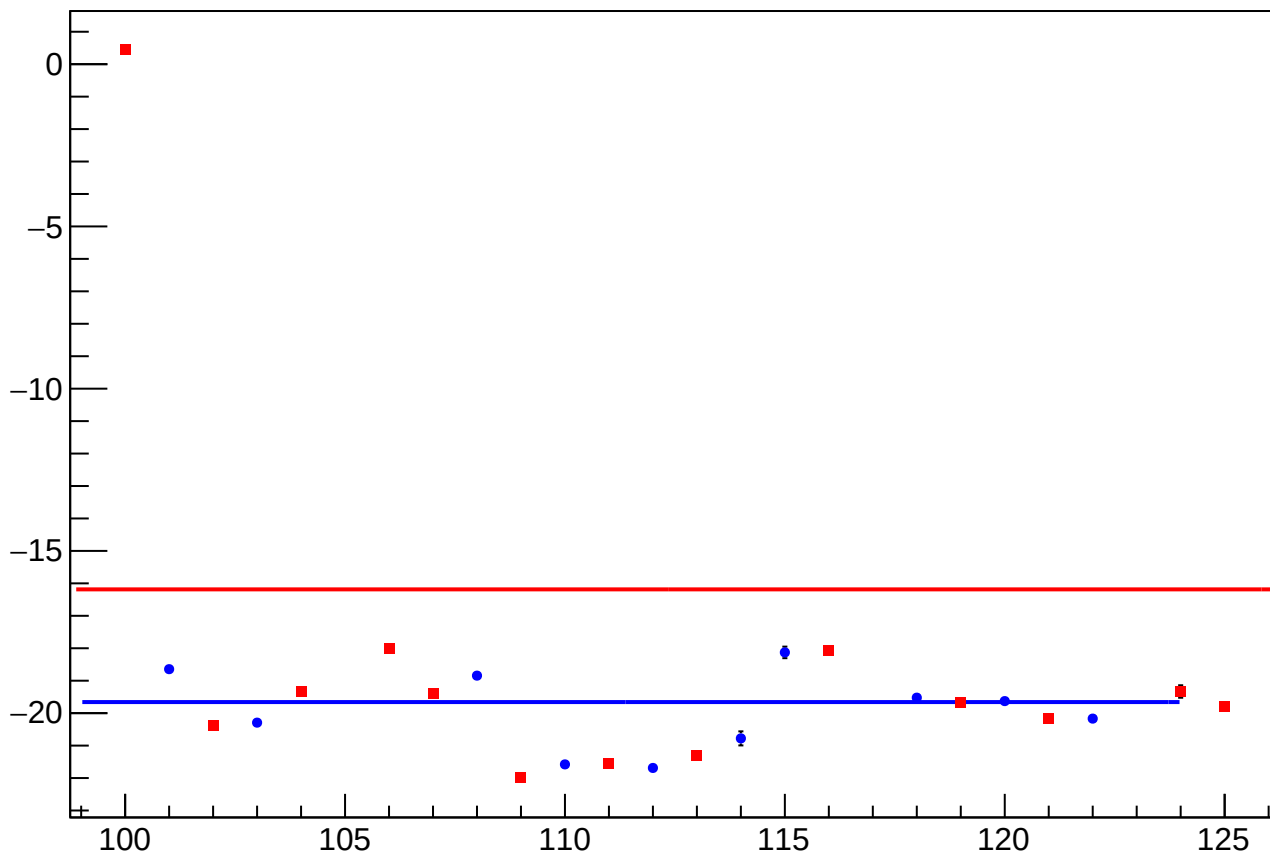
Right: 1.480 $\pm$ 0.332 χ^2/NDF : 337.1/22

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: 1.480 $\pm$ 0.332 χ^2/NDF : 337.1/22

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.659 ± 0.026 χ^2/NDF : 1513.0/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -16.185 ± 0.022 χ^2/NDF : 125826.6/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

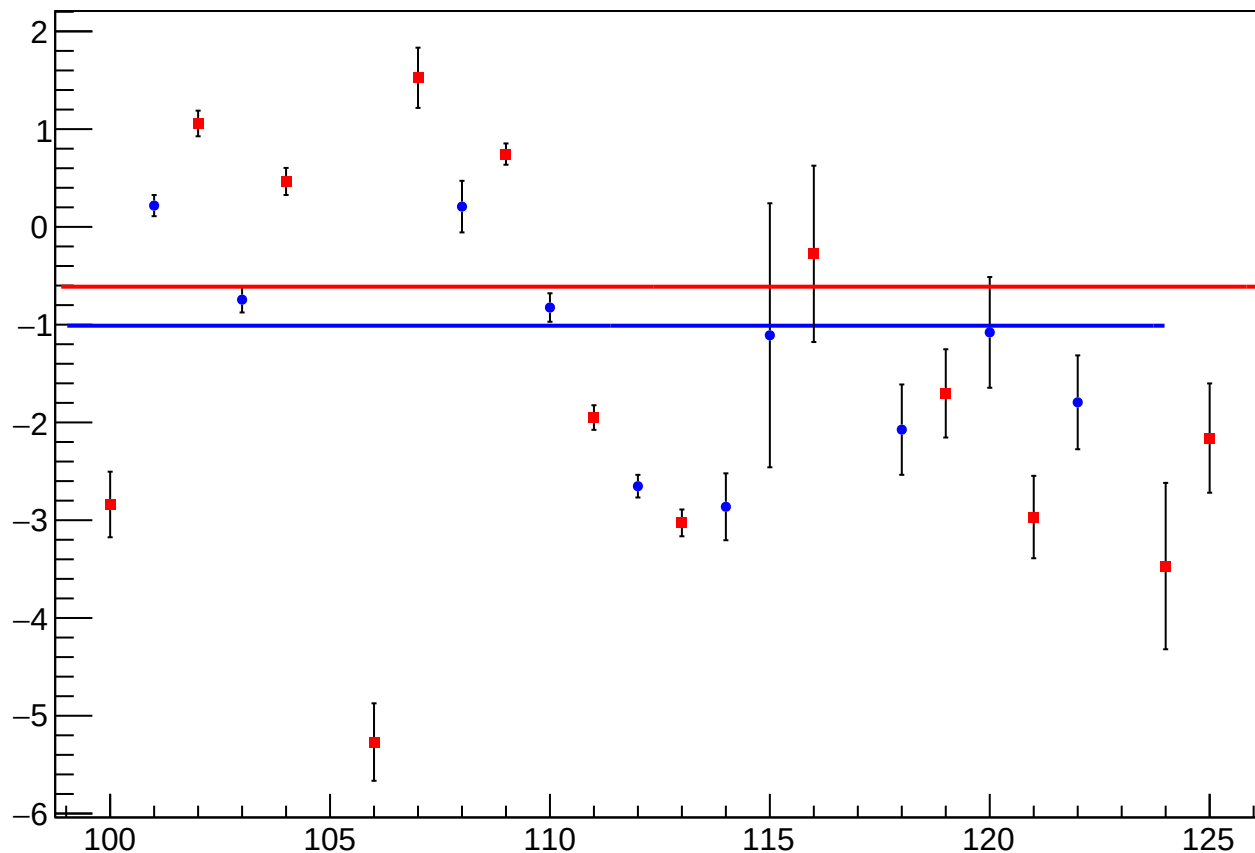
Right: -17.652 ± 0.017 χ^2/NDF : 137482.8/22

In: -19.659 ± 0.026 χ^2/NDF : 1513.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -17.652 ± 0.017 χ^2/NDF : 137482.8/22

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.011+/-0.058 χ^2 /NDF: 394.2/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.612+/-0.053 χ^2 /NDF: 1088.1/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

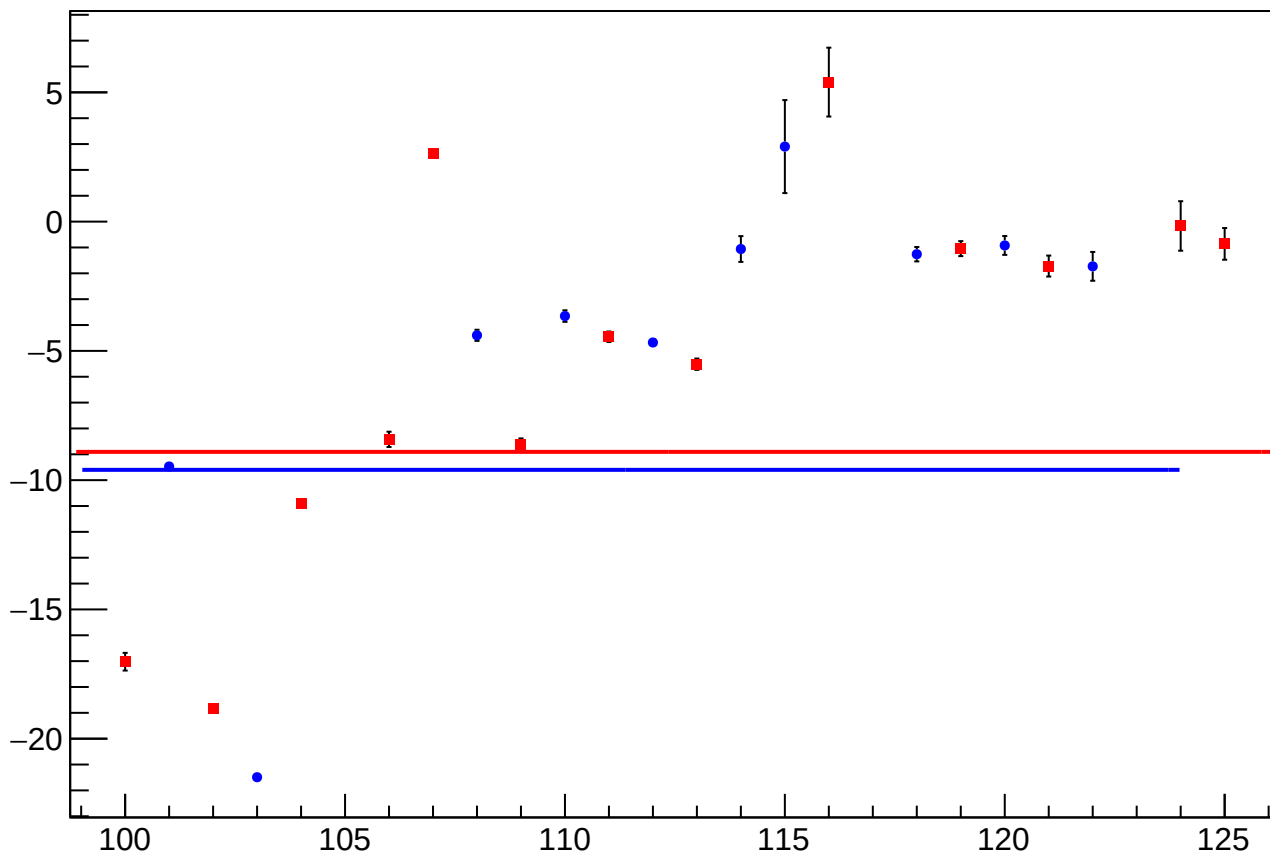
Right: -0.795+/-0.039 χ^2 /NDF: 1508.2/22

In: -1.011+/-0.058 χ^2 /NDF:394.2/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.795+/-0.039 χ^2 /NDF: 1508.2/22

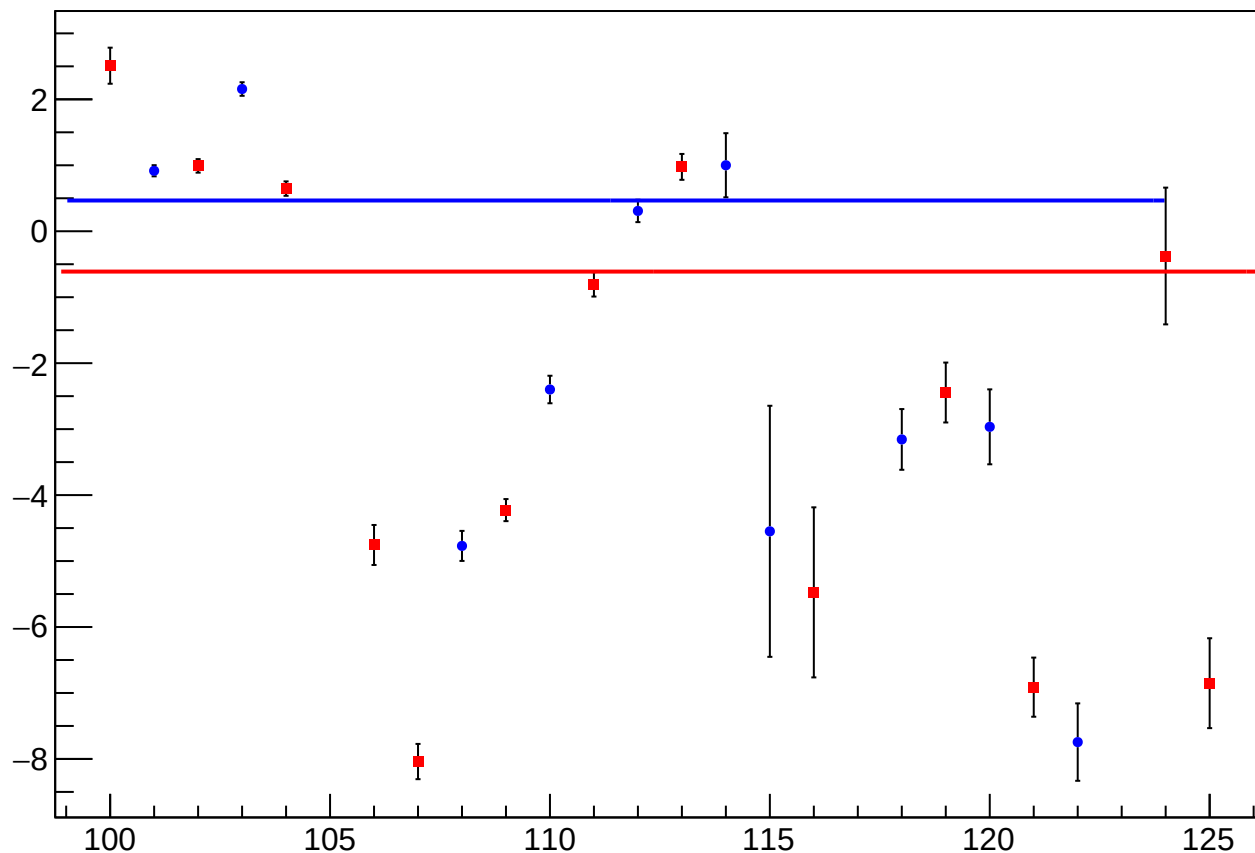
reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -9.601 ± 0.060 χ^2/NDF : 11300.3/9
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -8.906 ± 0.061 χ^2/NDF : 12651.9/12
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -9.259 ± 0.043 χ^2/NDF : 24017.8/22
 In: -9.601 ± 0.060 χ^2/NDF : 11300.3/9
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -9.259 ± 0.043 χ^2/NDF : 24017.8/22

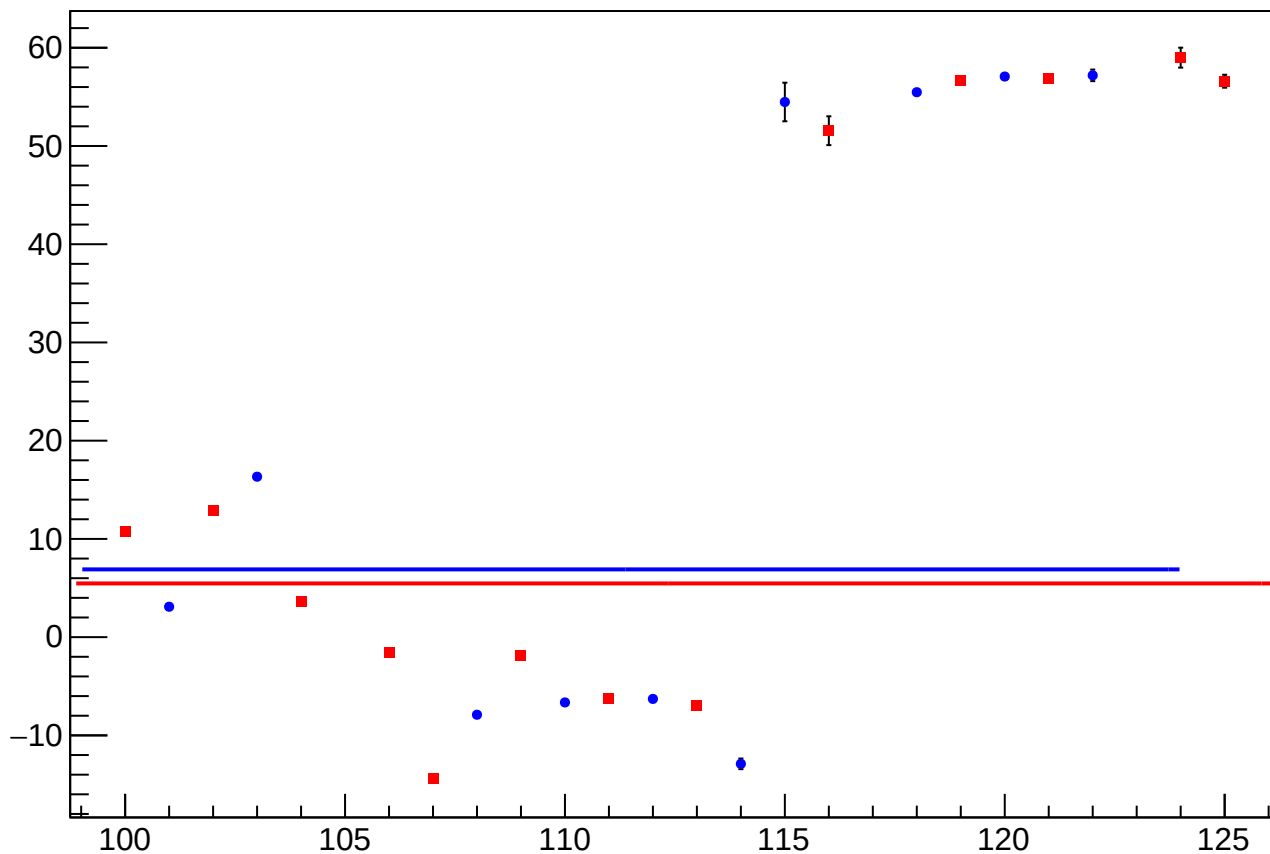
reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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: -0.611+/-0.056 χ^2/NDF : 2311.0/12
 Left 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+/-0.039 χ^2/NDF : 3818.7/22
 In: 0.466+/-0.055 χ^2/NDF : 1319.5/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.068+/-0.039 χ^2/NDF : 3818.7/22

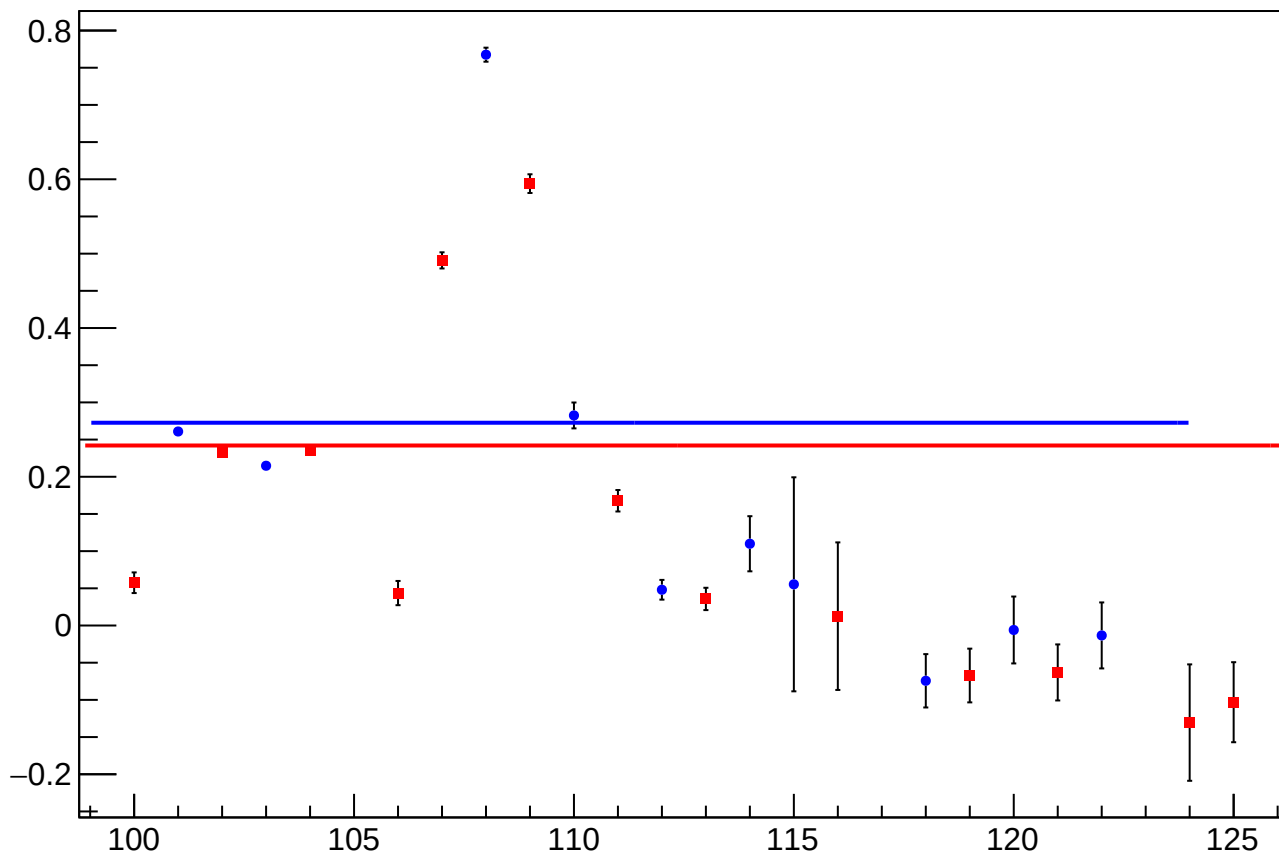
reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.898+/-0.073 χ^2/NDF : 52748.7/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 5.469+/-0.073 χ^2/NDF : 59301.4/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 6.182+/-0.051 χ^2/NDF : 112242.8/22
 In: 6.898+/-0.073 χ^2/NDF : 52748.7/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 6.182+/-0.051 χ^2/NDF : 112242.8/22

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: 0.242+/-0.003 χ^2/NDF : 2063.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

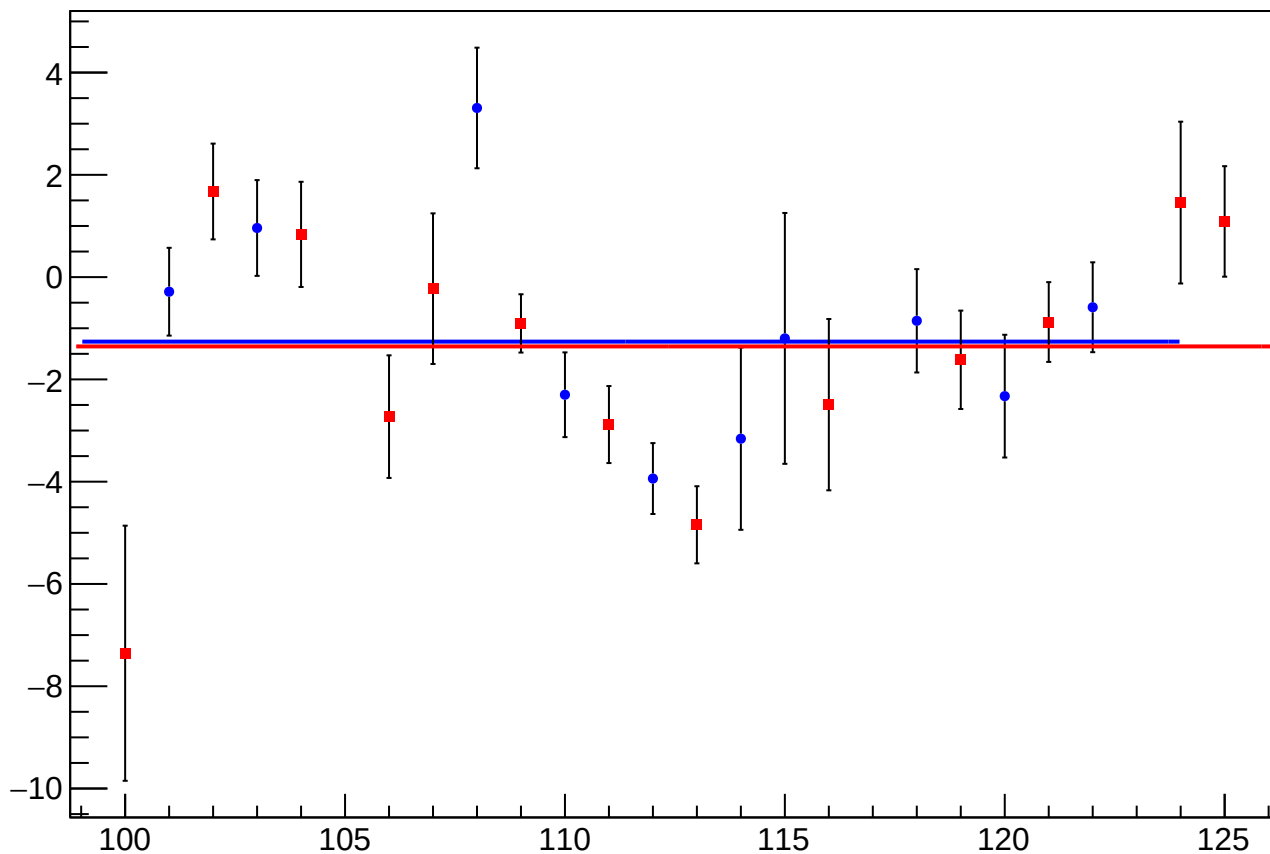
Right: 0.257+/-0.002 χ^2/NDF : 5545.0/22

In: 0.273+/-0.003 χ^2/NDF :3425.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.257+/-0.002 χ^2/NDF : 5545.0/22

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: -1.355+/-0.264 χ^2/NDF : 58.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

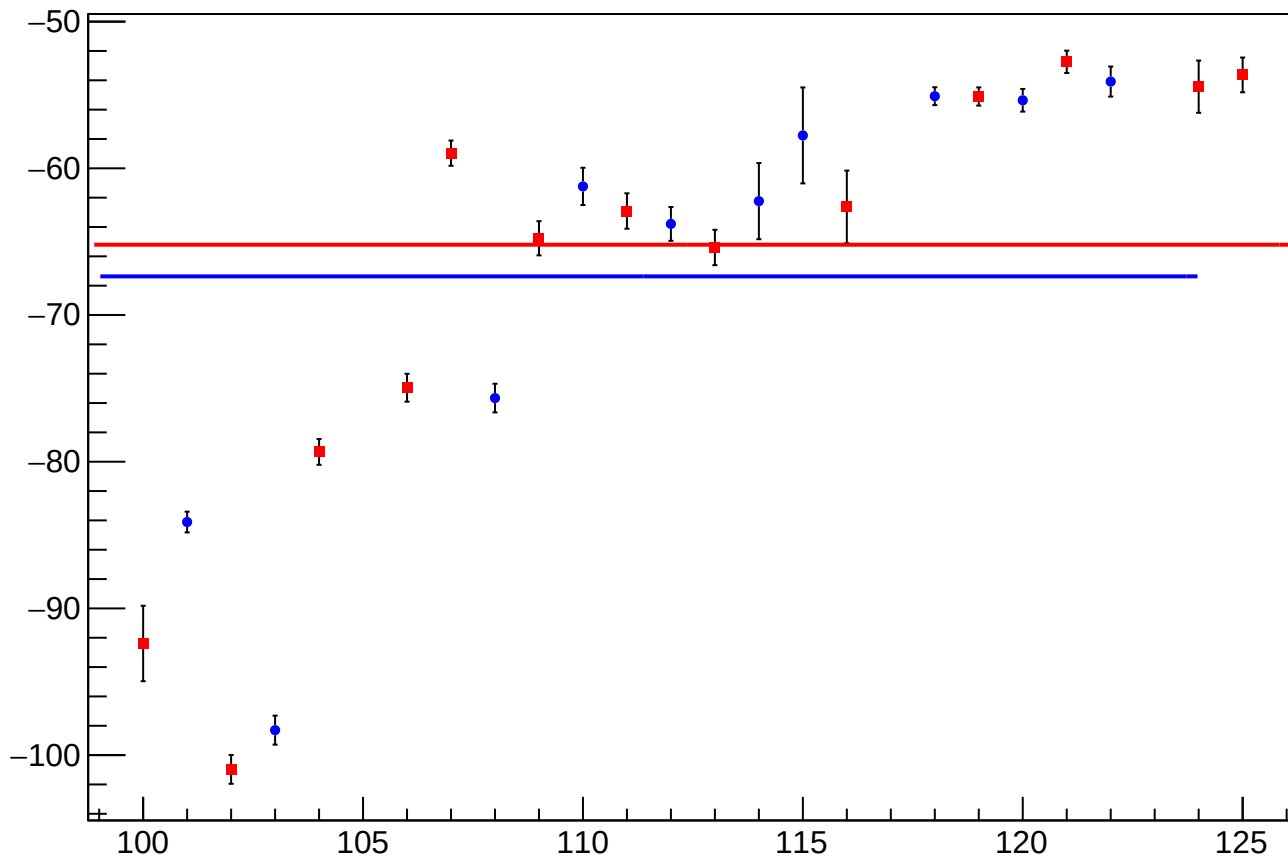
Right: -1.316+/-0.202 χ^2/NDF : 99.2/22

In: -1.261+/-0.313 χ^2/NDF :41.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.316+/-0.202 χ^2/NDF : 99.2/22

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: -65.208+/-0.282 χ^2/NDF : 2522.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

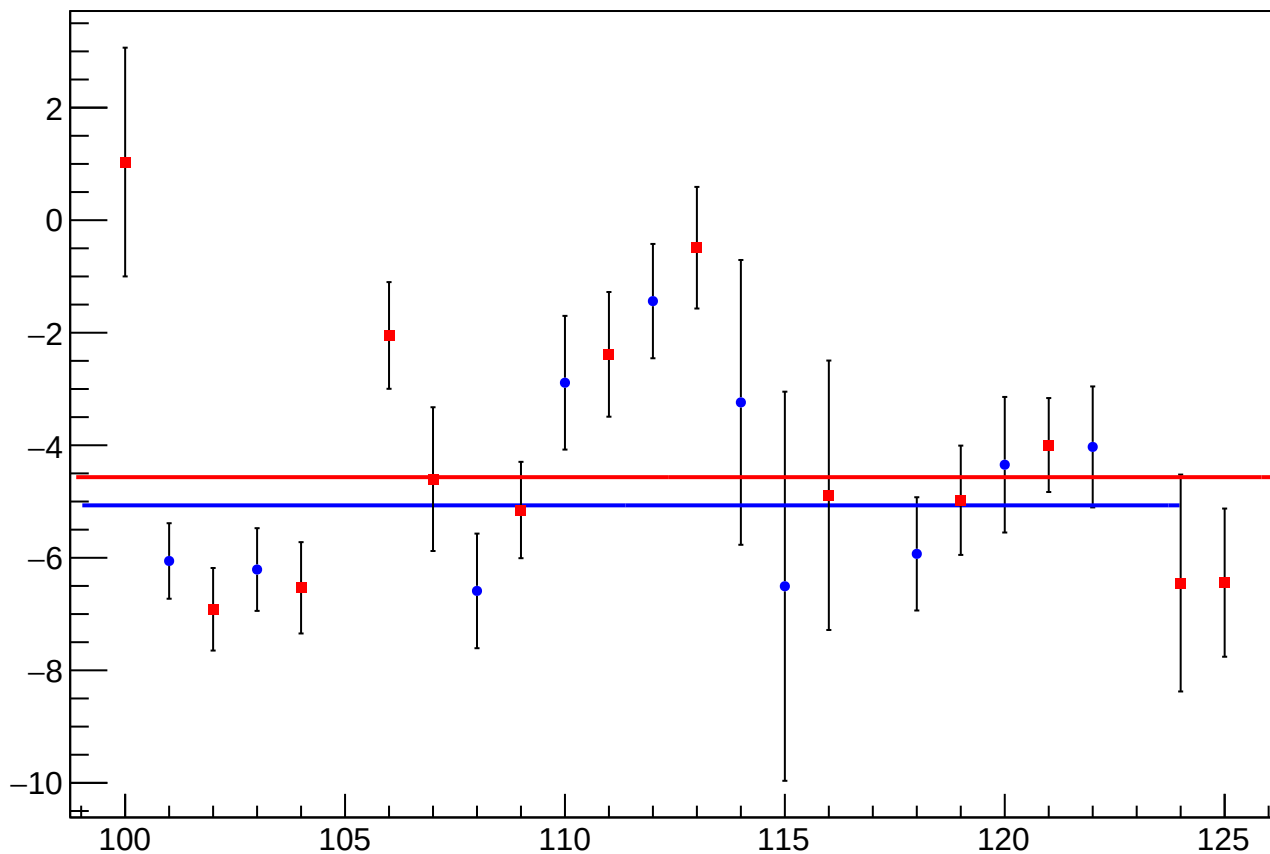
Right: -66.215+/-0.206 χ^2/NDF : 5023.9/22

In: -67.365+/-0.301 χ^2/NDF :2473.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -66.215+/-0.206 χ^2/NDF : 5023.9/22

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: -4.567 $\pm$ 0.290 χ^2 /NDF: 53.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

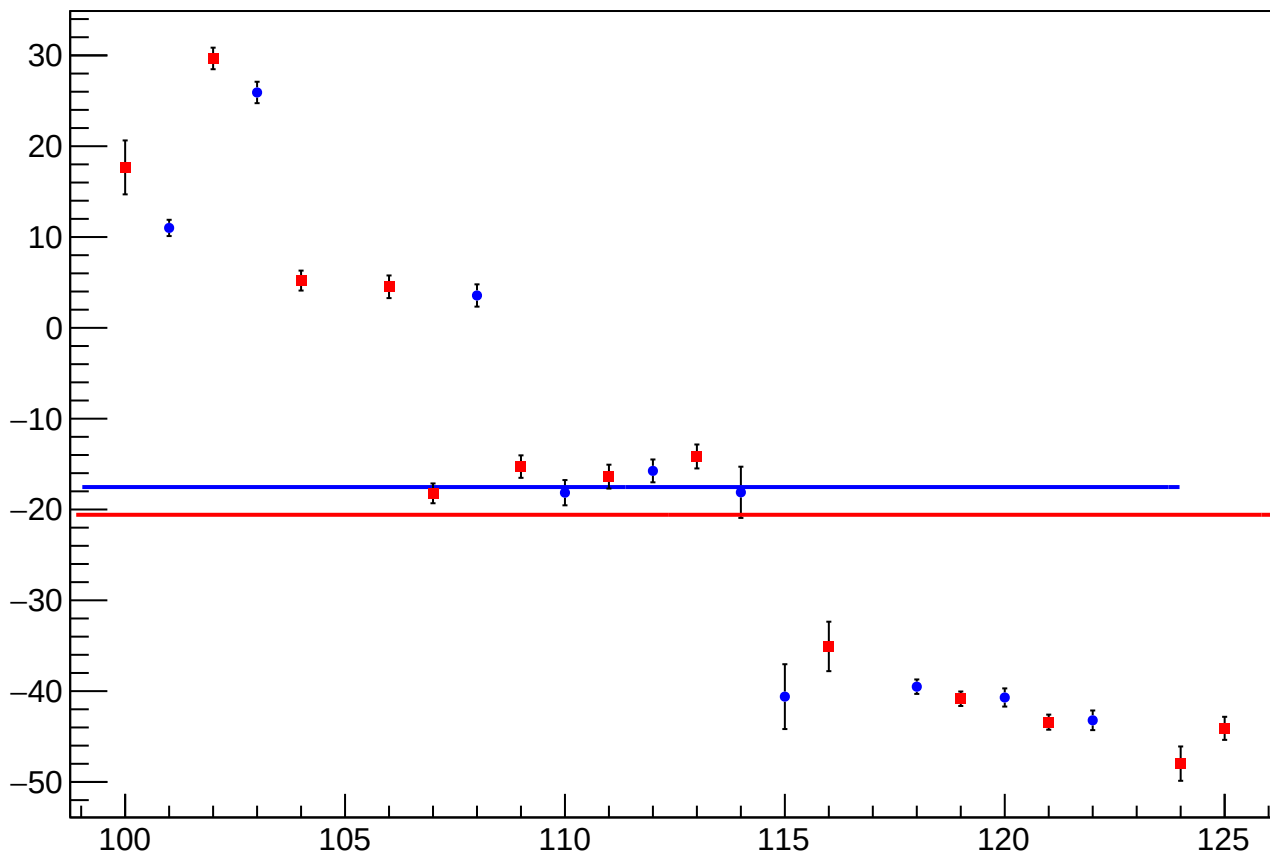
Right: -4.789 $\pm$ 0.216 χ^2 /NDF: 80.0/22

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: -4.789 $\pm$ 0.216 χ^2 /NDF: 80.0/22

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -17.530 ± 0.367 χ^2/NDF : 4575.8/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -20.583 ± 0.333 χ^2/NDF : 4956.0/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

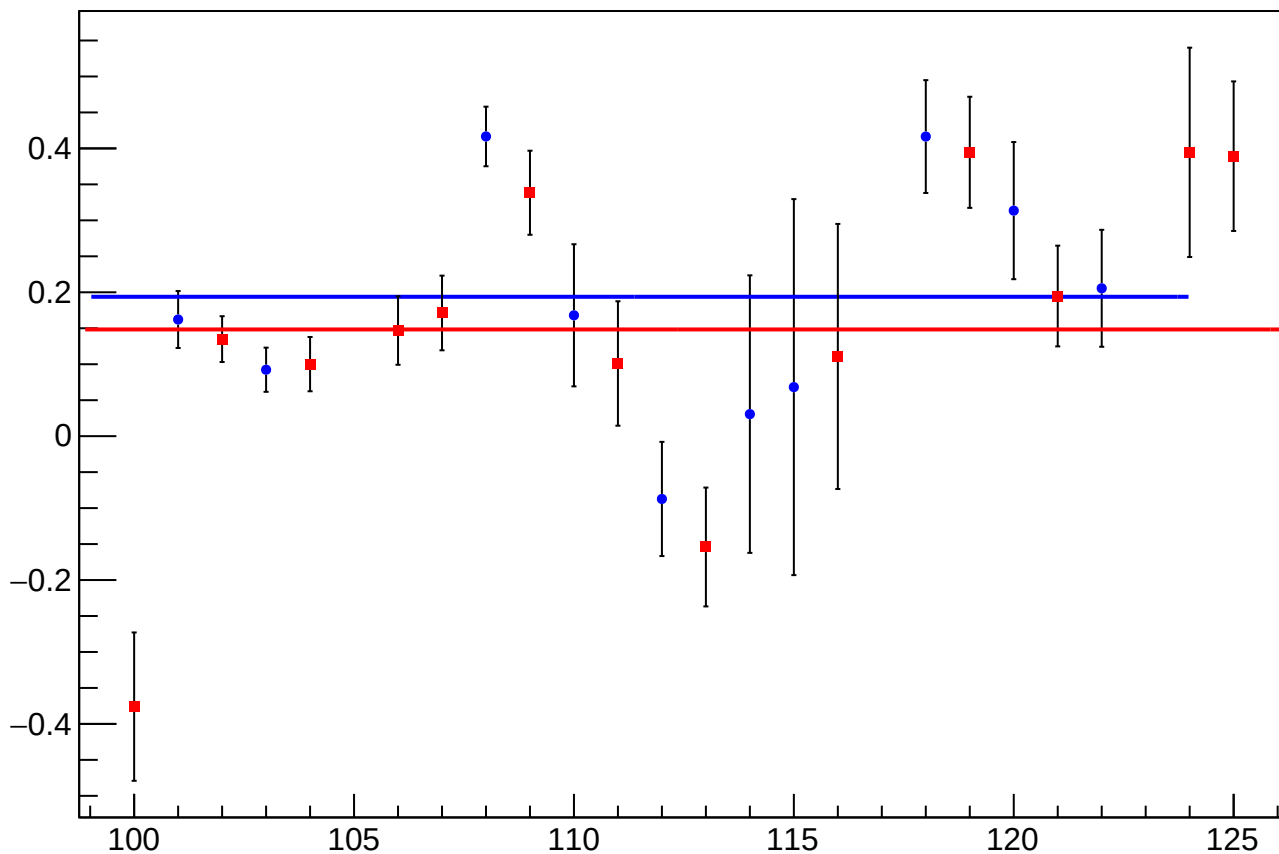
Right: -19.204 ± 0.247 χ^2/NDF : 9569.7/22

In: -17.530 ± 0.367 χ^2/NDF : 4575.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -19.204 ± 0.247 χ^2/NDF : 9569.7/22

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: 0.148+/-0.016 χ^2/NDF : 71.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

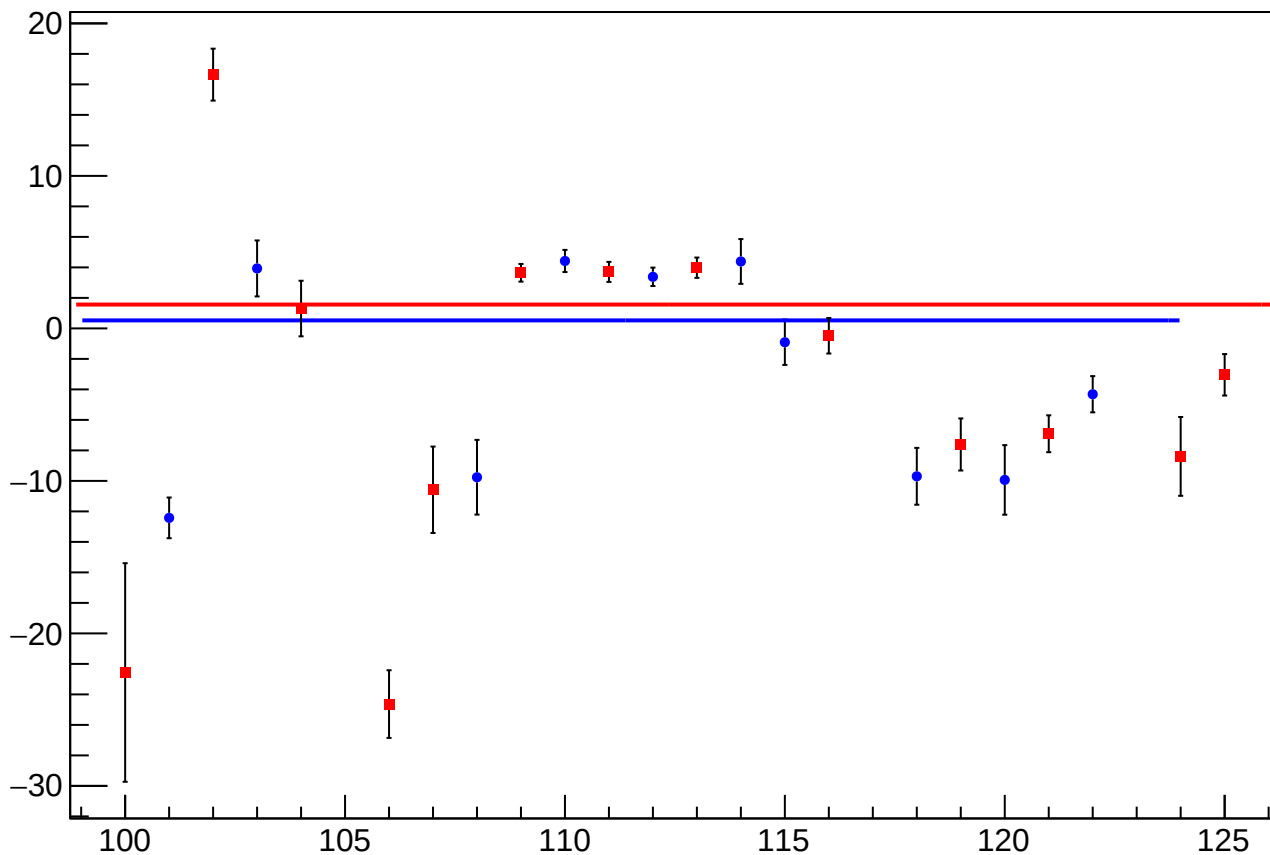
Right: 0.169+/-0.012 χ^2/NDF : 138.2/22

In: 0.194+/-0.018 χ^2/NDF : 63.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.169+/-0.012 χ^2/NDF : 138.2/22

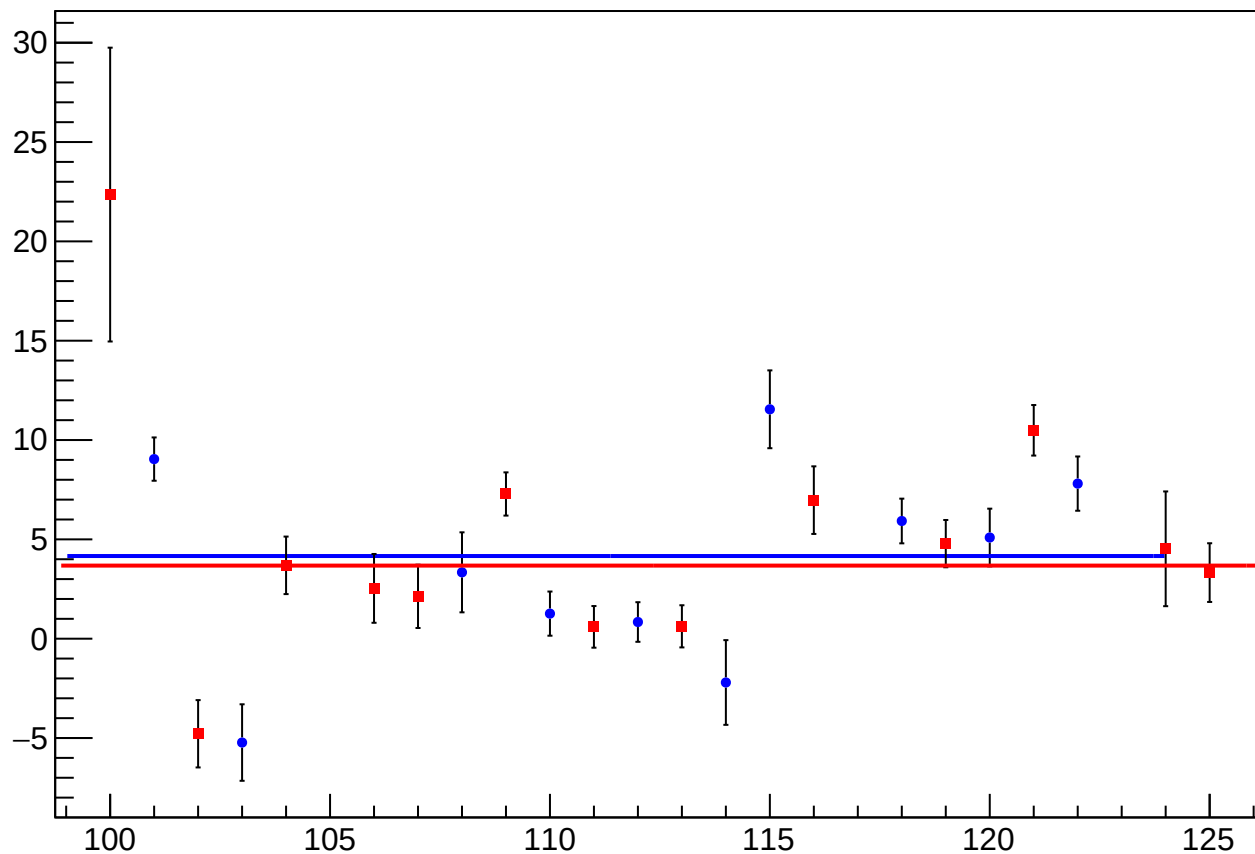
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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: 1.564+/-0.302 χ^2/NDF : 391.6/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 1.133+/-0.231 χ^2/NDF : 638.6/22
 In: 0.524+/-0.359 χ^2/NDF : 242.1/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1.133+/-0.231 χ^2/NDF : 638.6/22

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: 3.679+/-0.393 χ^2/NDF : 94.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

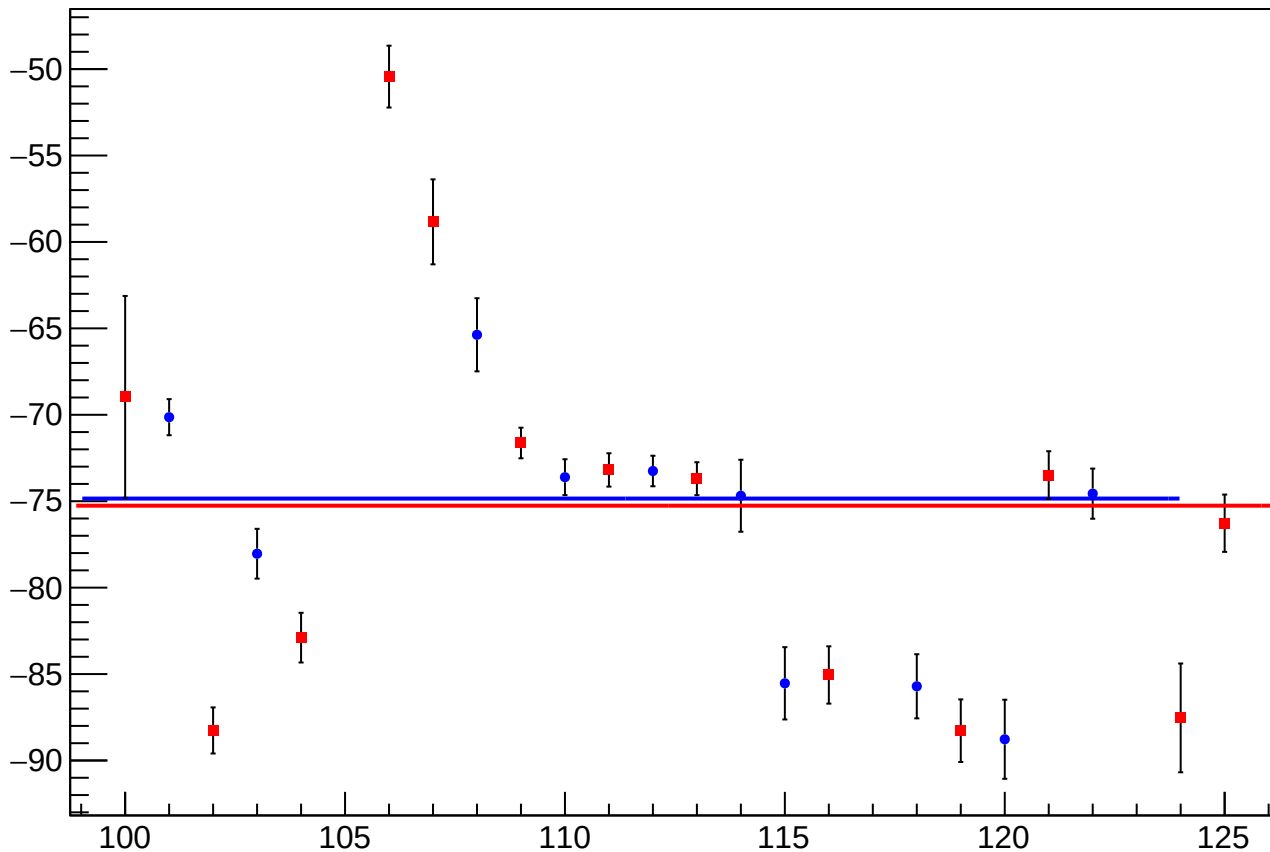
Right: 3.900+/-0.290 χ^2/NDF : 189.8/22

In: 4.161+/-0.428 χ^2/NDF : 95.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.900+/-0.290 χ^2/NDF : 189.8/22

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -74.847 $\pm$ 0.437 χ^2 /NDF: 147.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -75.258 $\pm$ 0.387 χ^2 /NDF: 489.4/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

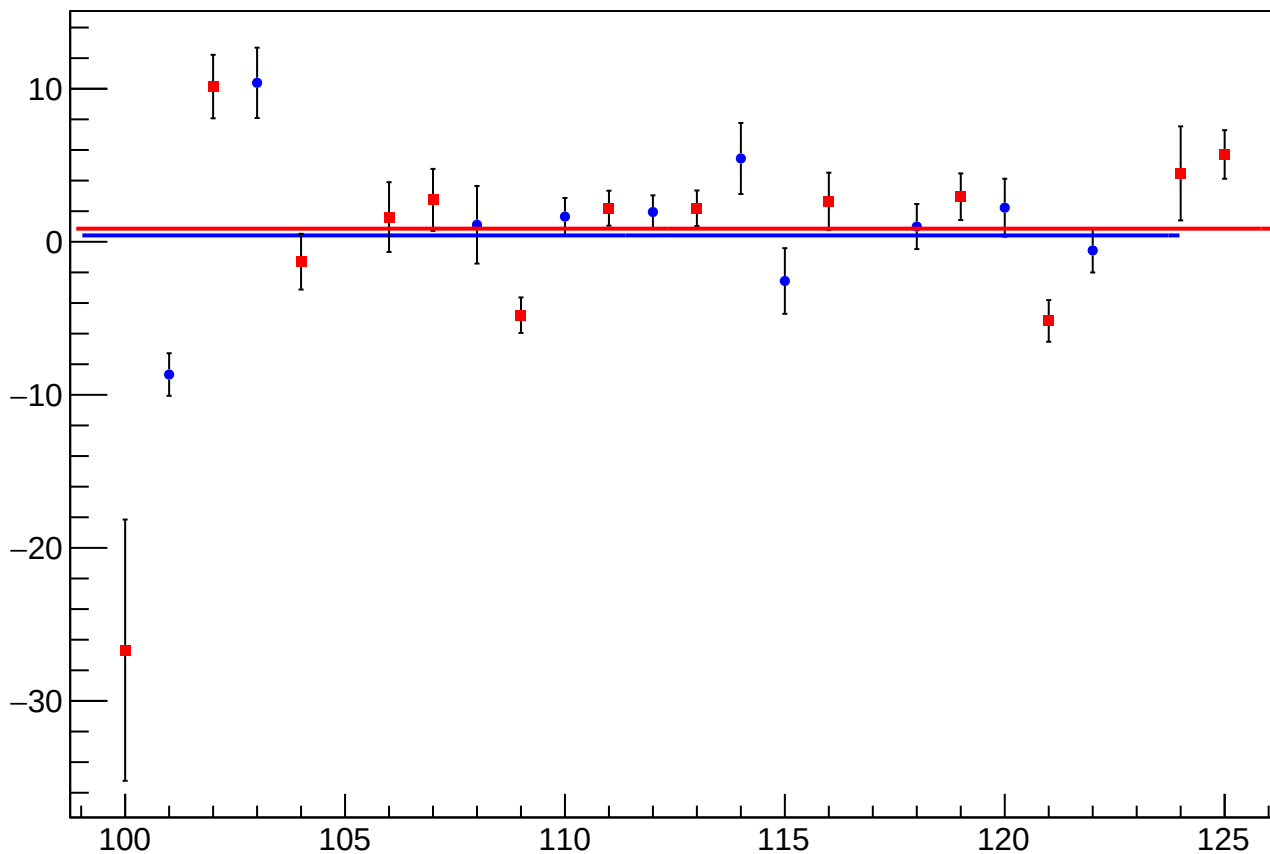
Right: -75.077 $\pm$ 0.290 χ^2 /NDF: 637.4/22

In: -74.847 $\pm$ 0.437 χ^2 /NDF:147.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -75.077 $\pm$ 0.290 χ^2 /NDF: 637.4/22

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: 0.859+/-0.448 χ^2/NDF : 92.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

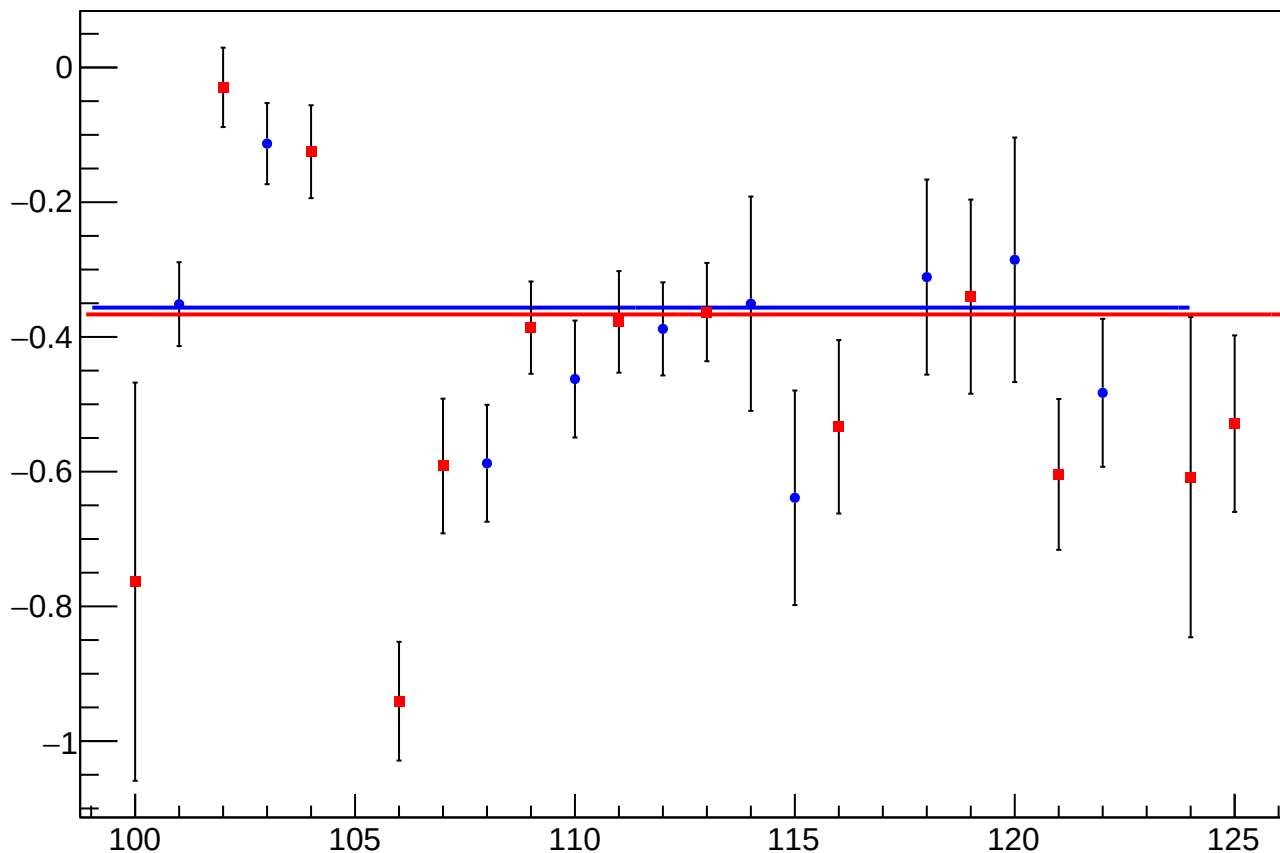
Right: 0.662+/-0.334 χ^2/NDF : 165.6/22

In: 0.417+/-0.500 χ^2/NDF : 72.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.662+/-0.334 χ^2/NDF : 165.6/22

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: -0.367+/-0.025 χ^2/NDF : 103.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

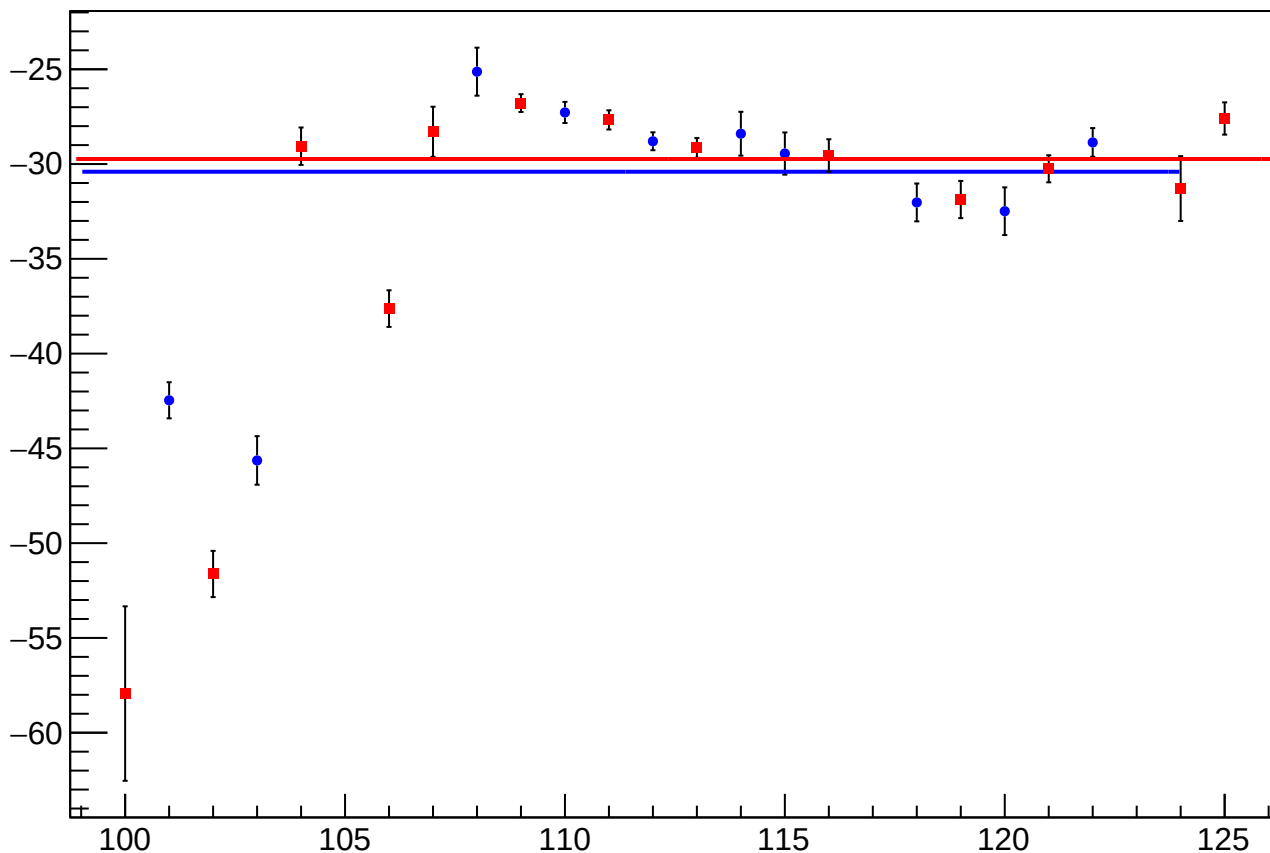
Right: -0.362+/-0.019 χ^2/NDF : 133.1/22

In: -0.356+/-0.028 χ^2/NDF :29.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.362+/-0.019 χ^2/NDF : 133.1/22

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: -29.734 $\pm$ 0.215 χ^2 /NDF: 497.6/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

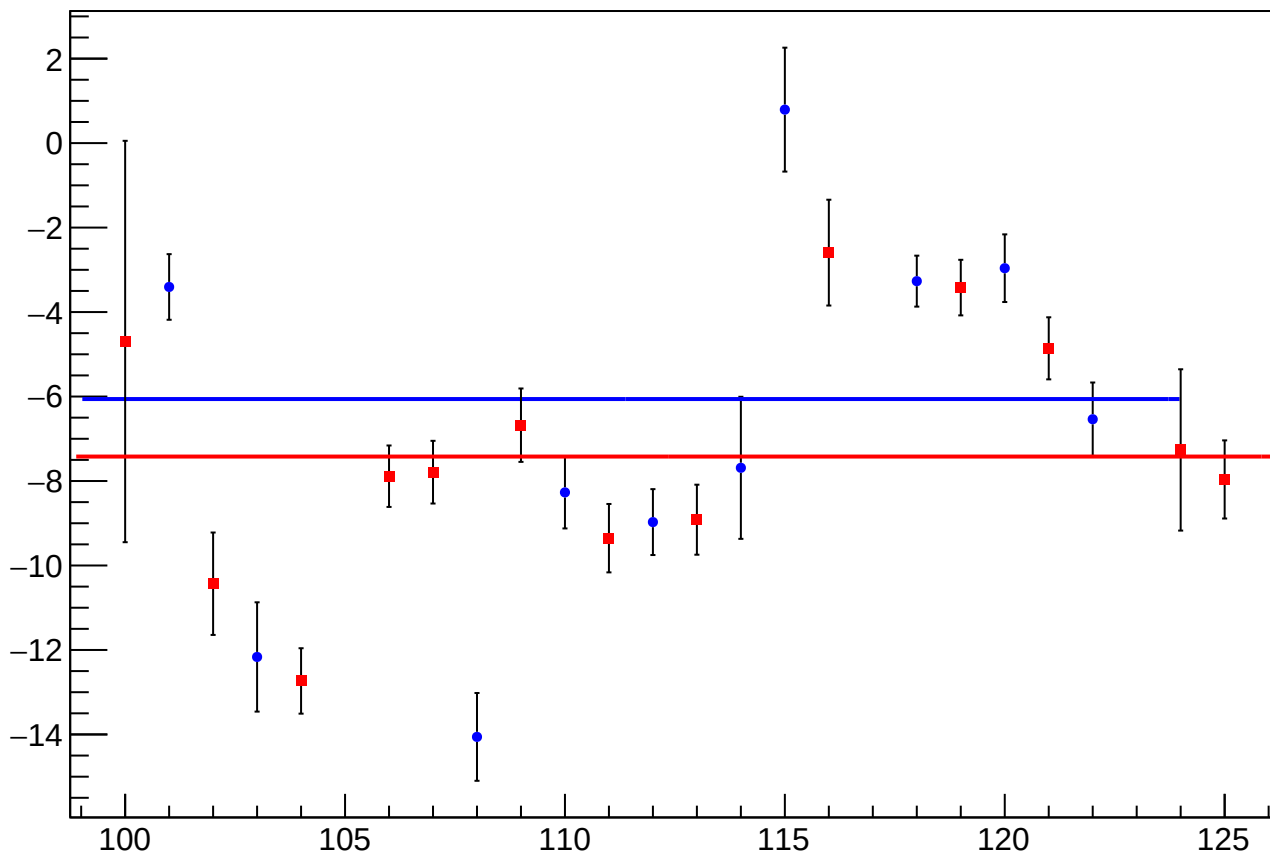
Right: -30.009 $\pm$ 0.165 χ^2 /NDF: 877.0/22

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: -30.009 $\pm$ 0.165 χ^2 /NDF: 877.0/22

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: -7.421+/-0.245 χ^2/NDF : 128.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

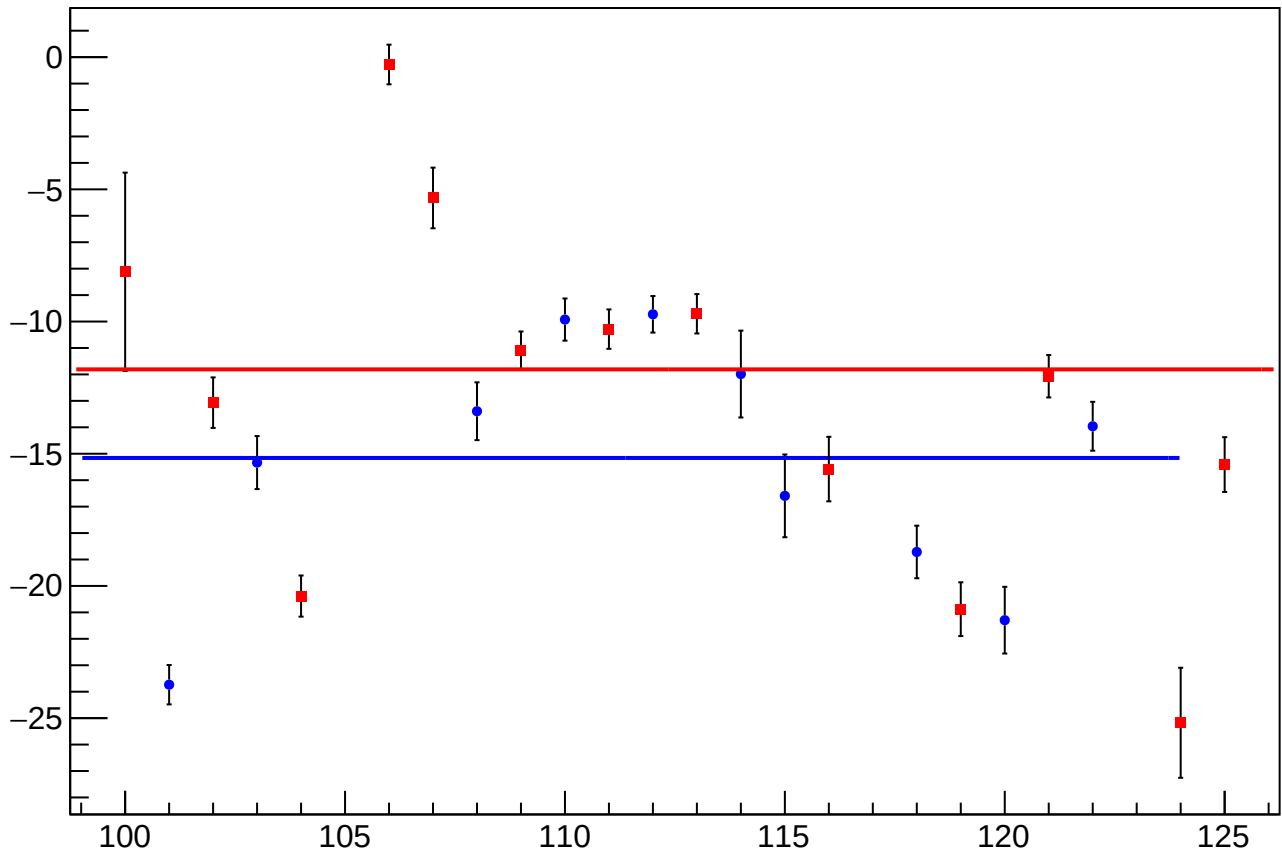
Right: -6.833+/-0.185 χ^2/NDF : 314.8/22

In: -6.059+/-0.281 χ^2/NDF : 173.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.833+/-0.185 χ^2/NDF : 314.8/22

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: -11.809+/-0.256 χ^2/NDF : 548.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

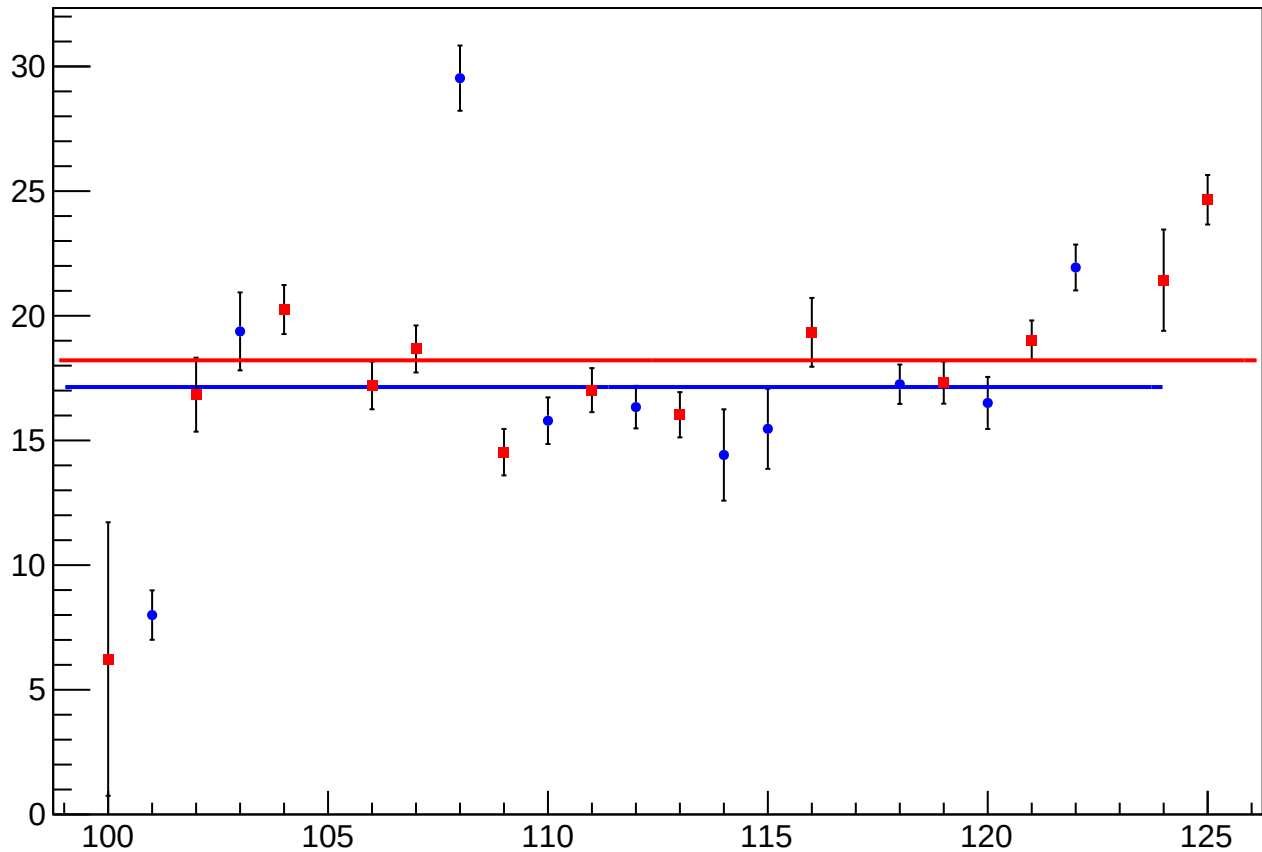
Right: -13.202+/-0.195 χ^2/NDF : 902.2/22

In: -15.159+/-0.303 χ^2/NDF :282.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -13.202+/-0.195 χ^2/NDF : 902.2/22

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 17.143+/-0.335 χ^2 /NDF: 210.7/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 18.214+/-0.287 χ^2 /NDF: 81.9/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

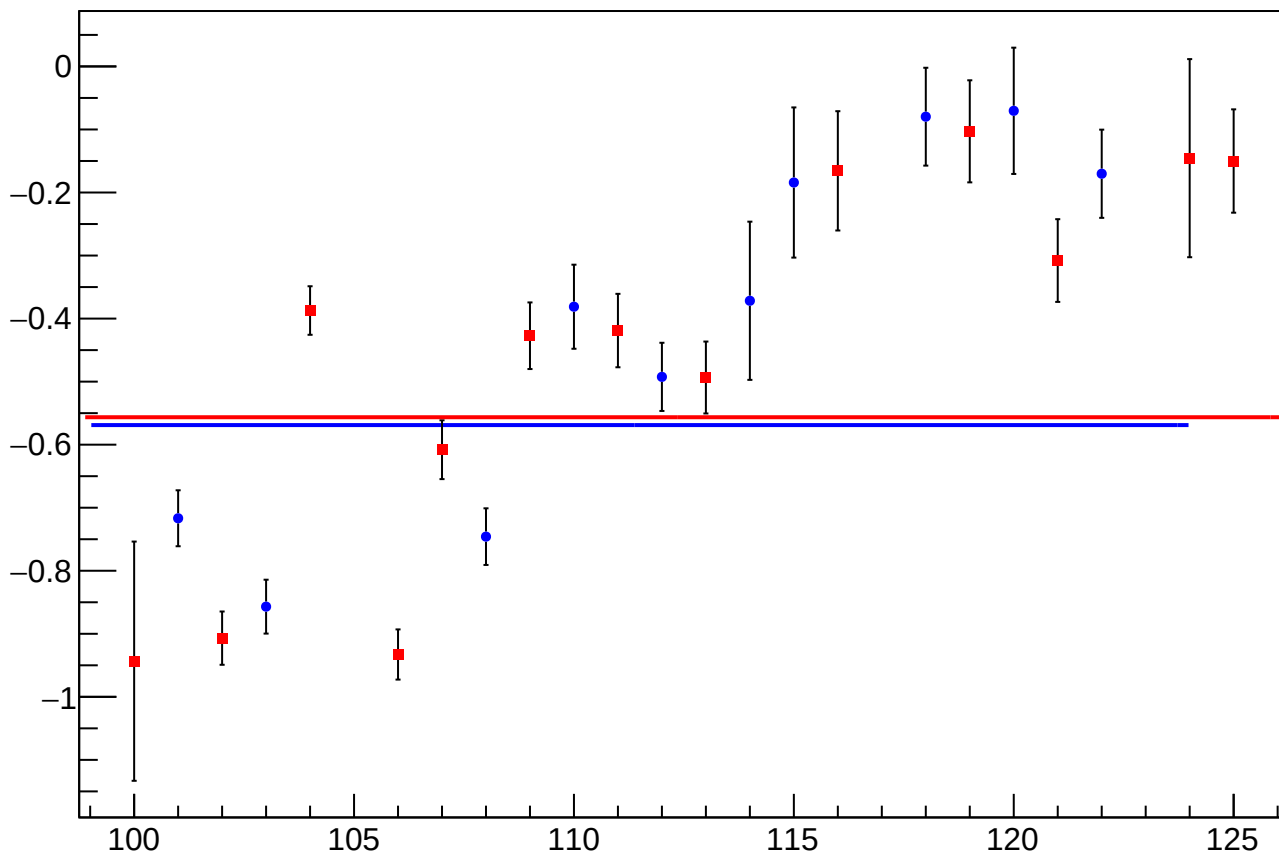
Right: 17.761+/-0.218 χ^2 /NDF: 298.5/22

In: 17.143+/-0.335 χ^2 /NDF:210.7/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 17.761+/-0.218 χ^2 /NDF: 298.5/22

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: -0.556+/-0.016 χ^2 /NDF: 289.9/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

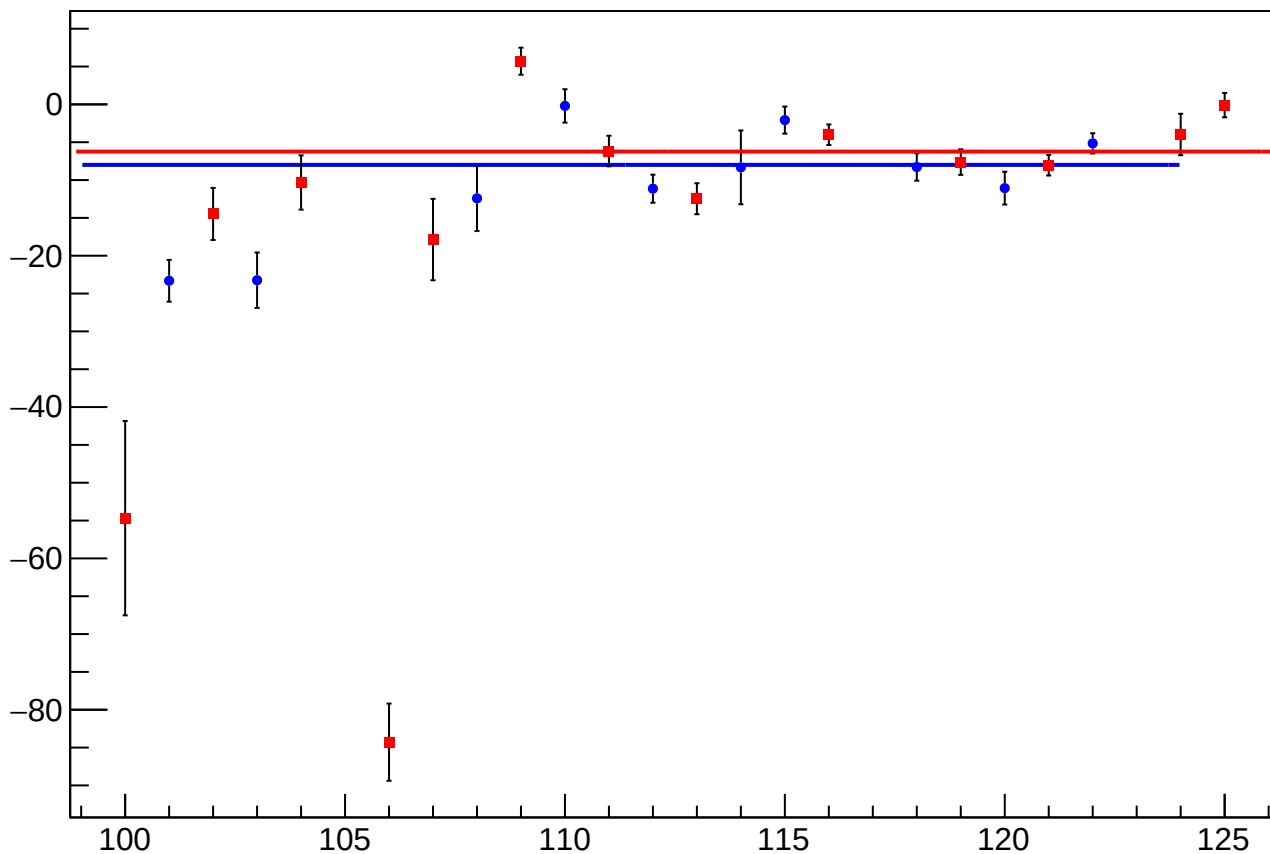
Right: -0.562+/-0.012 χ^2 /NDF: 482.0/22

In: -0.569+/-0.019 χ^2 /NDF:191.8/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.562+/-0.012 χ^2 /NDF: 482.0/22

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -7.997 $\pm$ 0.676 χ^2 /NDF: 82.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -6.239 $\pm$ 0.578 χ^2 /NDF: 334.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

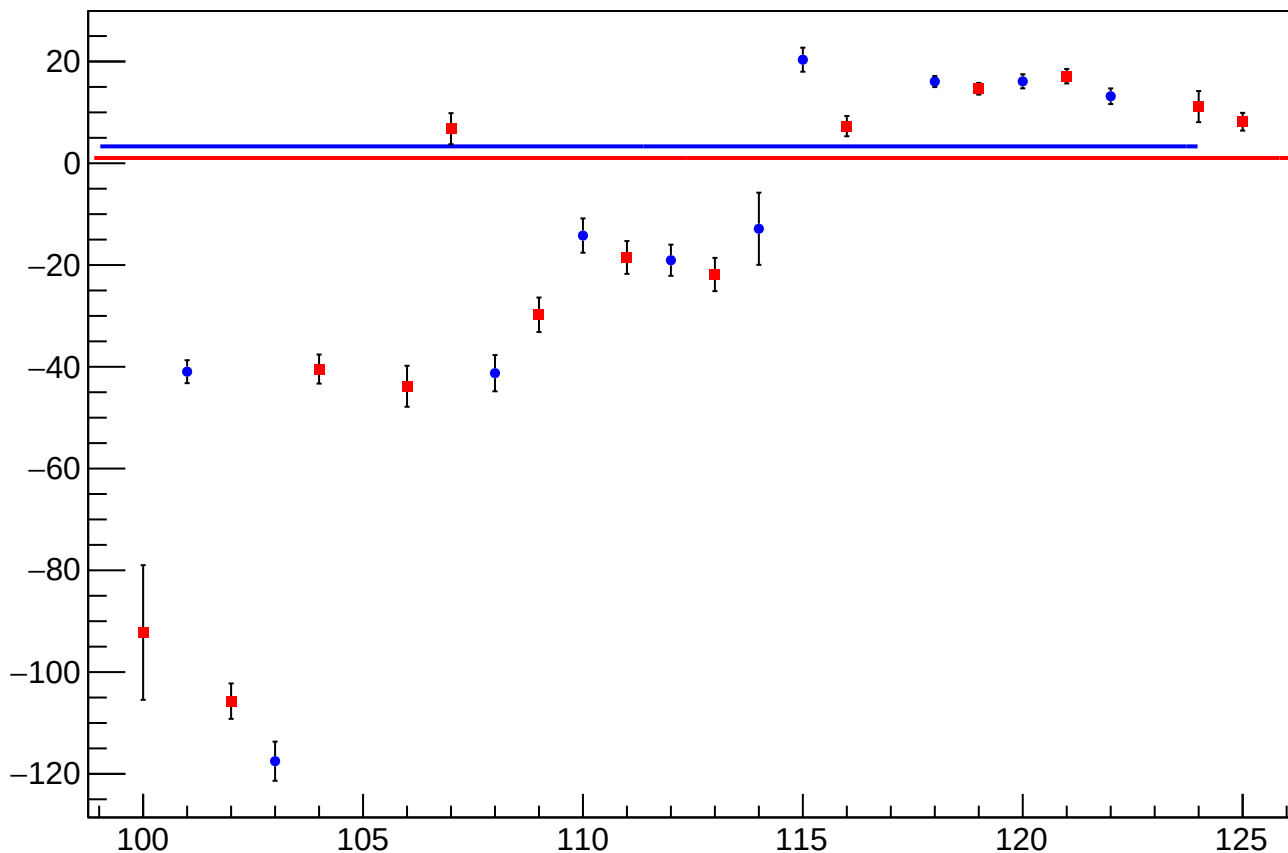
Right: -6.983 $\pm$ 0.439 χ^2 /NDF: 419.9/22

In: -7.997 $\pm$ 0.676 χ^2 /NDF:82.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -6.983 $\pm$ 0.439 χ^2 /NDF: 419.9/22

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: 1.041+/-0.620 χ^2/NDF : 1803.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

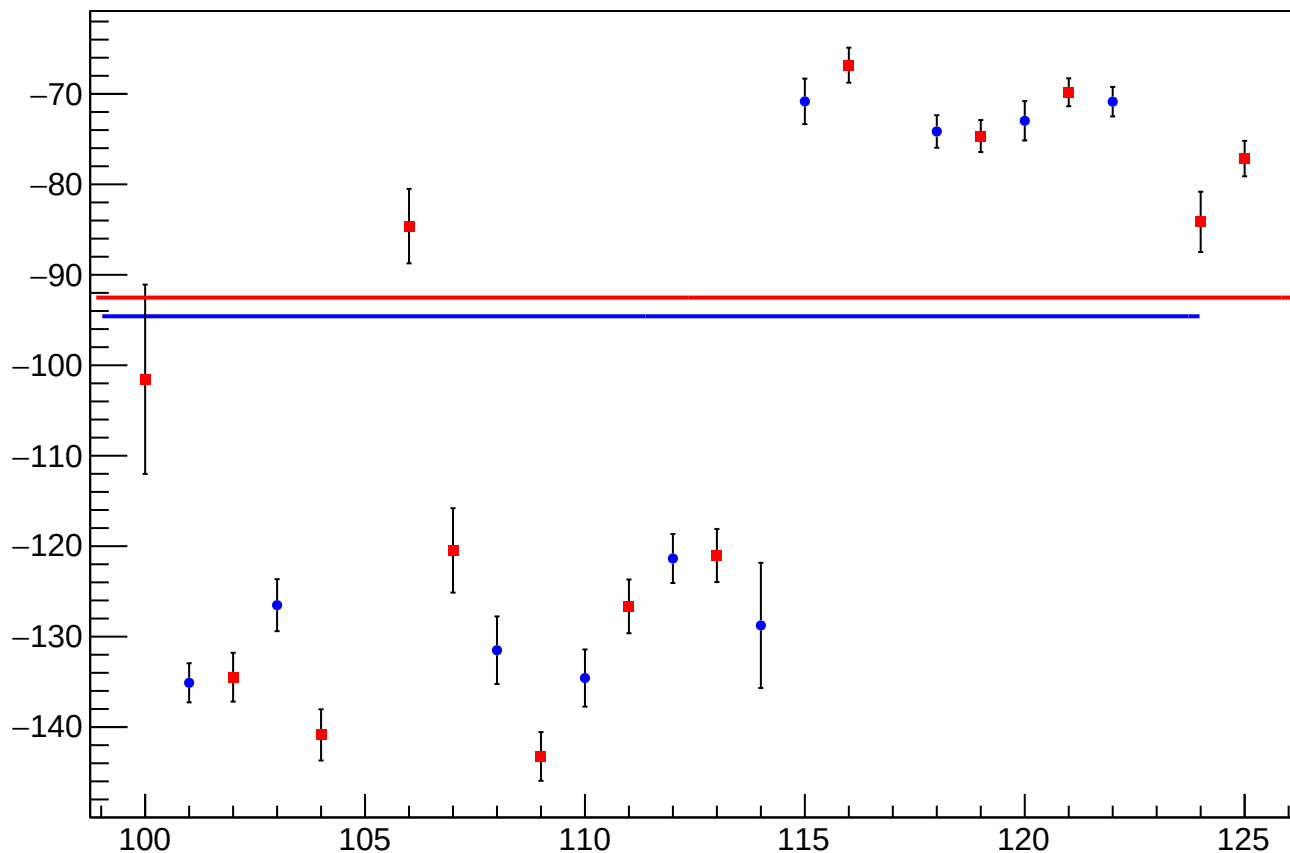
Right: 2.162+/-0.442 χ^2/NDF : 3737.3/22

In: 3.317+/-0.630 χ^2/NDF : 1927.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.162+/-0.442 χ^2/NDF : 3737.3/22

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: -92.518+/-0.690 χ^2/NDF : 1717.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

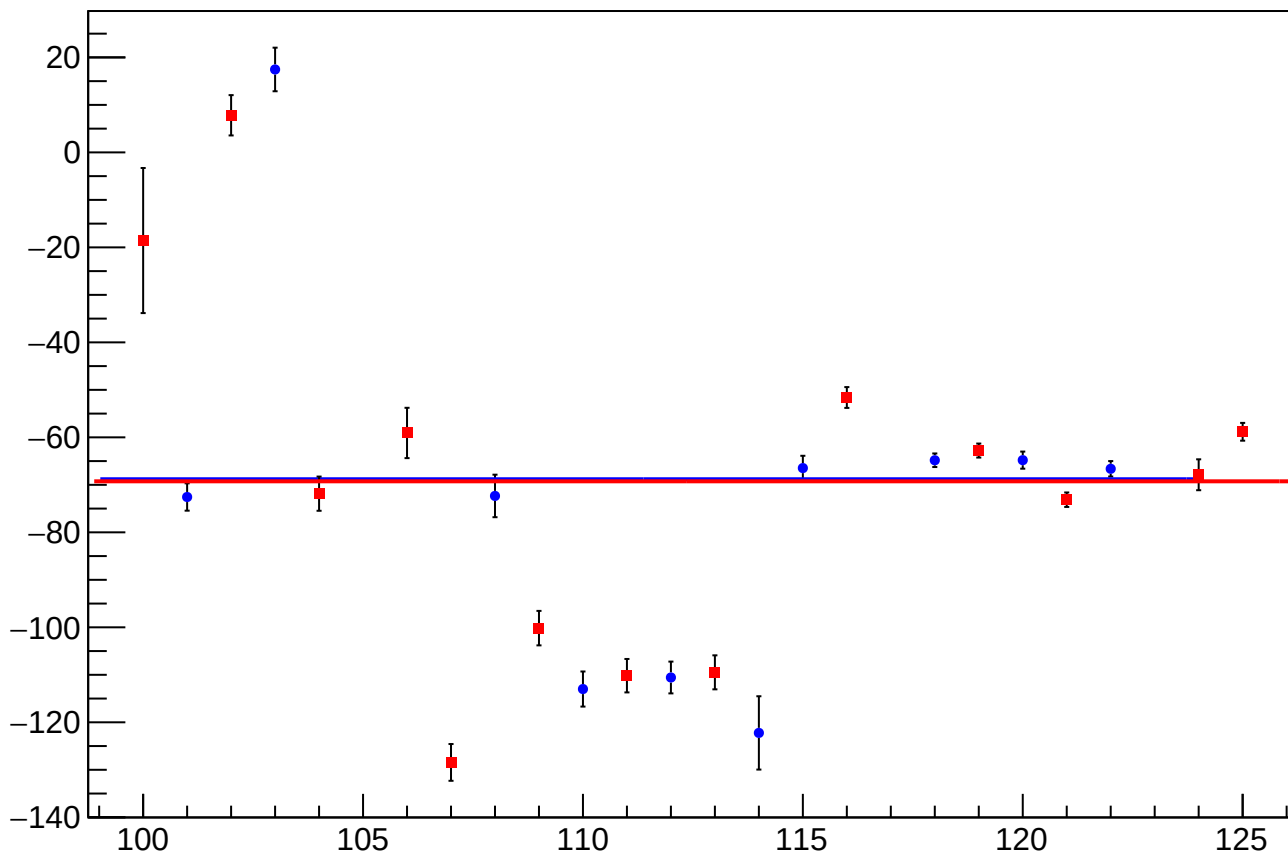
Right: -93.448+/-0.512 χ^2/NDF : 3104.6/22

In: -94.585+/-0.763 χ^2/NDF : 1383.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -93.448+/-0.512 χ^2/NDF : 3104.6/22

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: -69.257+/-0.716 χ^2/NDF : 1034.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

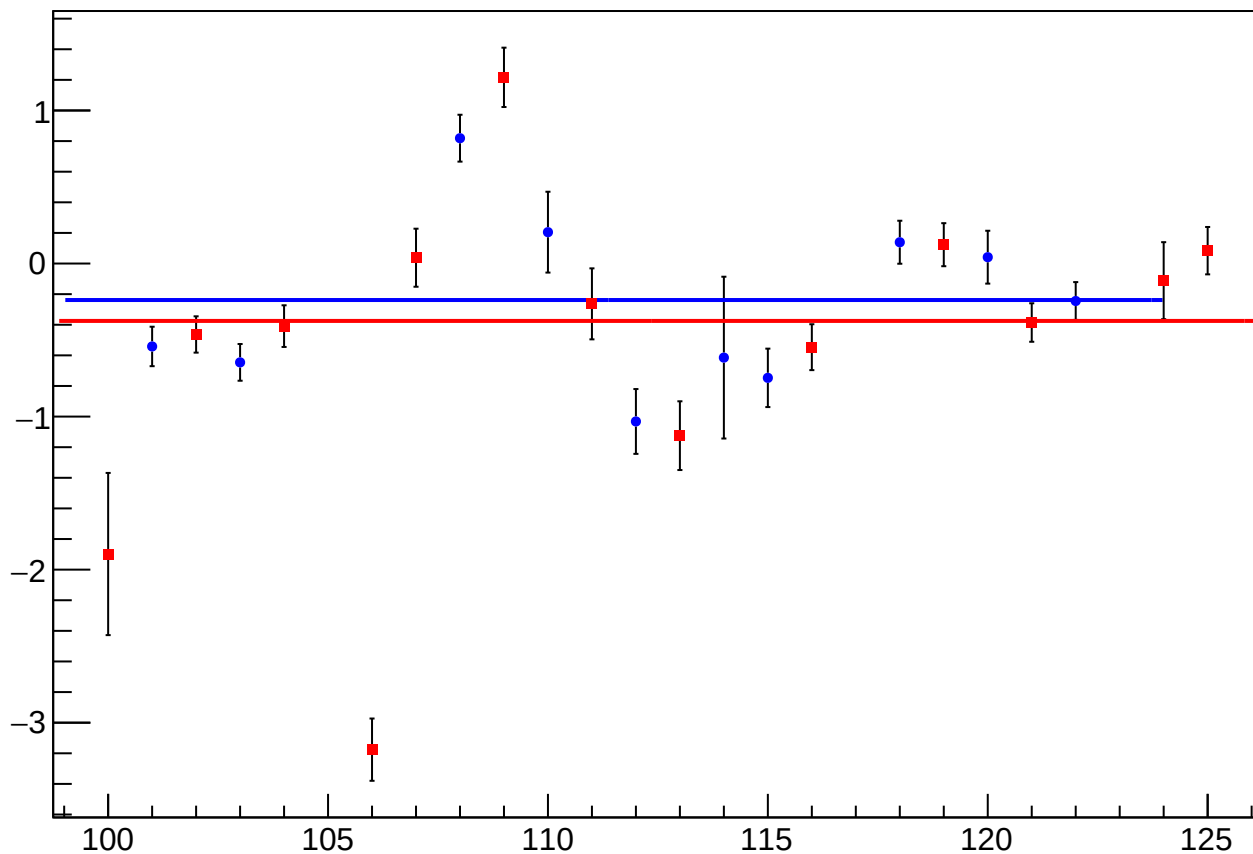
Right: -69.054+/-0.522 χ^2/NDF : 1752.6/22

In: -68.824+/-0.761 χ^2/NDF : 717.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -69.054+/-0.522 χ^2/NDF : 1752.6/22

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: -0.375 ± 0.047 χ^2/NDF : 305.7/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

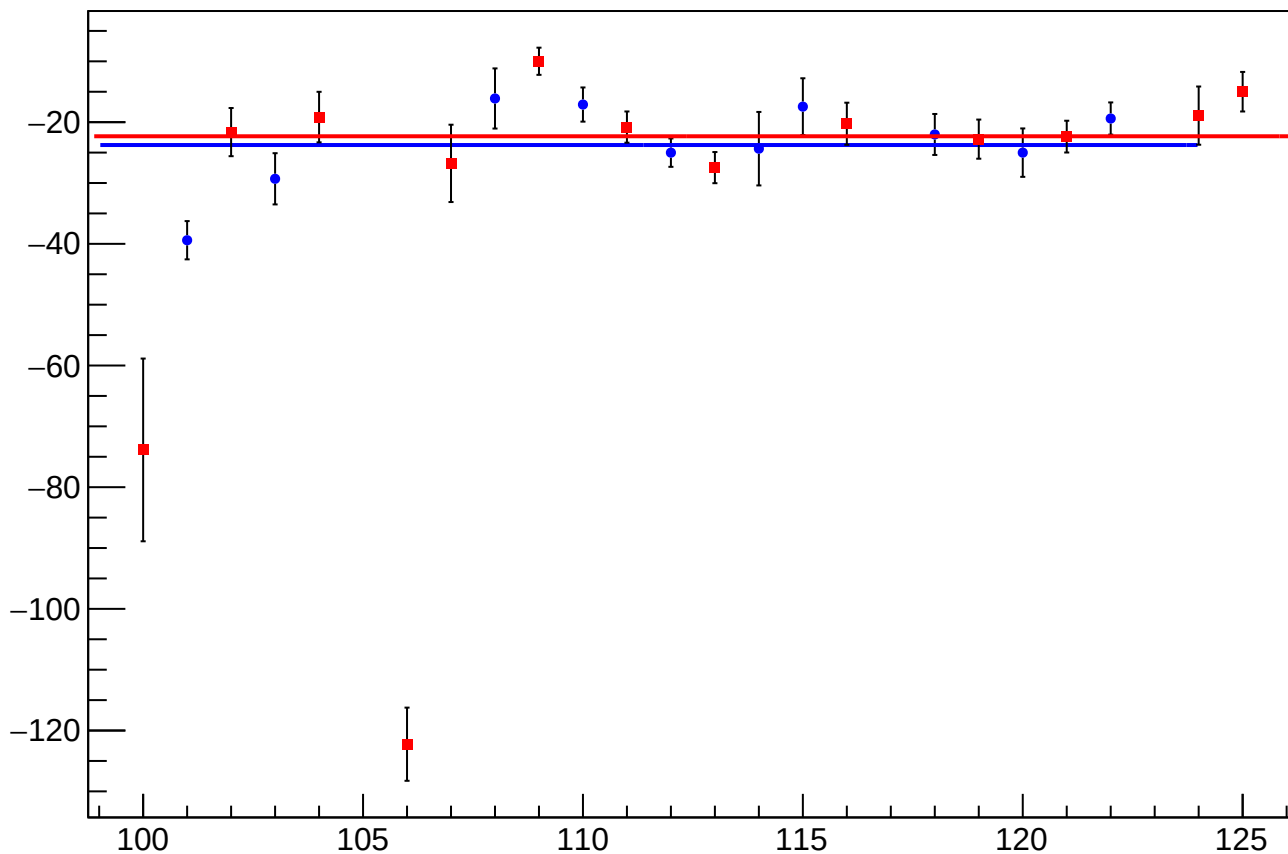
Right: -0.312 ± 0.034 χ^2/NDF : 408.8/22

In: -0.238 ± 0.051 χ^2/NDF : 99.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.312 ± 0.034 χ^2/NDF : 408.8/22

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -23.756+/-1.068 χ^2/NDF : 39.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -22.317+/-0.933 χ^2/NDF : 329.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

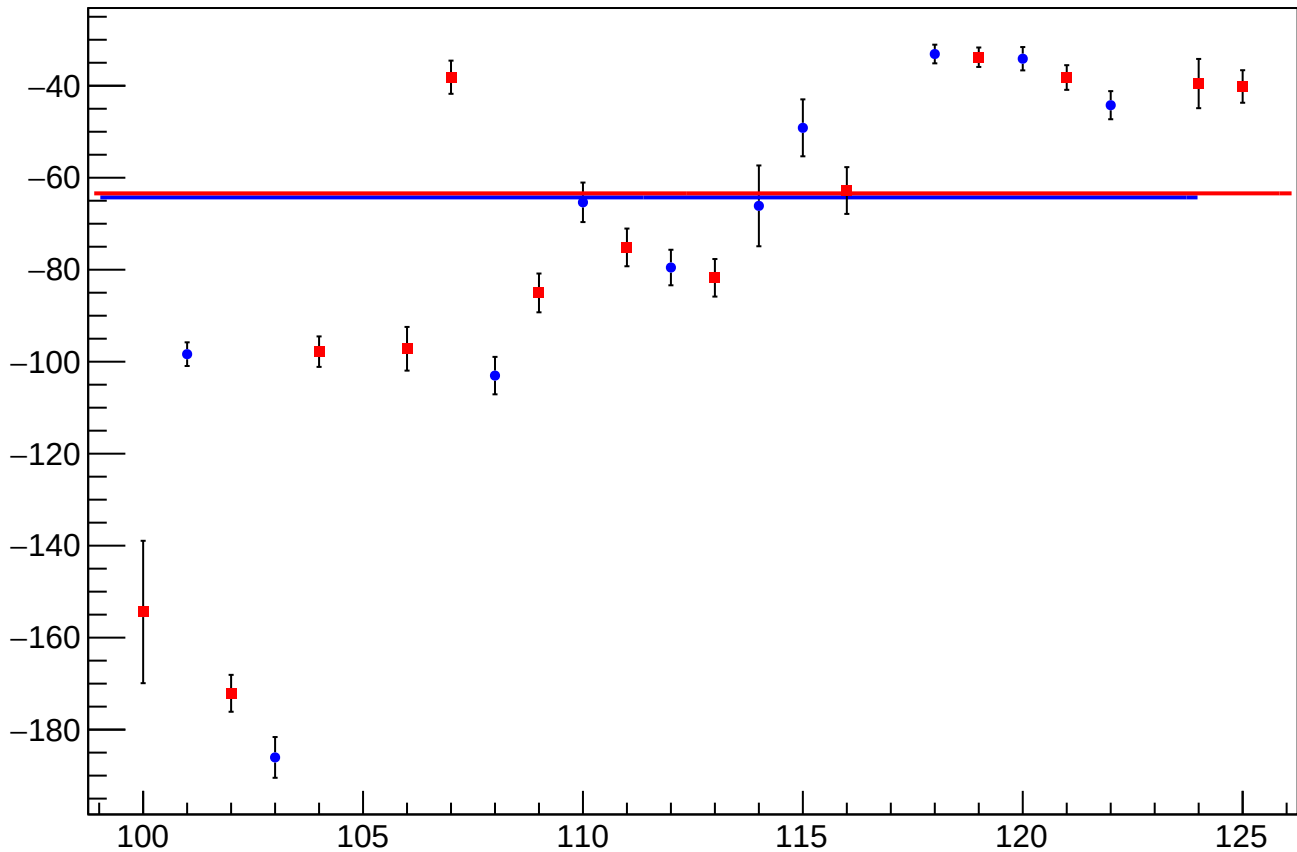
Right: -22.940+/-0.703 χ^2/NDF : 370.5/22

In: -23.756+/-1.068 χ^2/NDF : 39.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.940+/-0.703 χ^2/NDF : 370.5/22

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: -63.401+/-1.015 χ^2/NDF : 1378.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

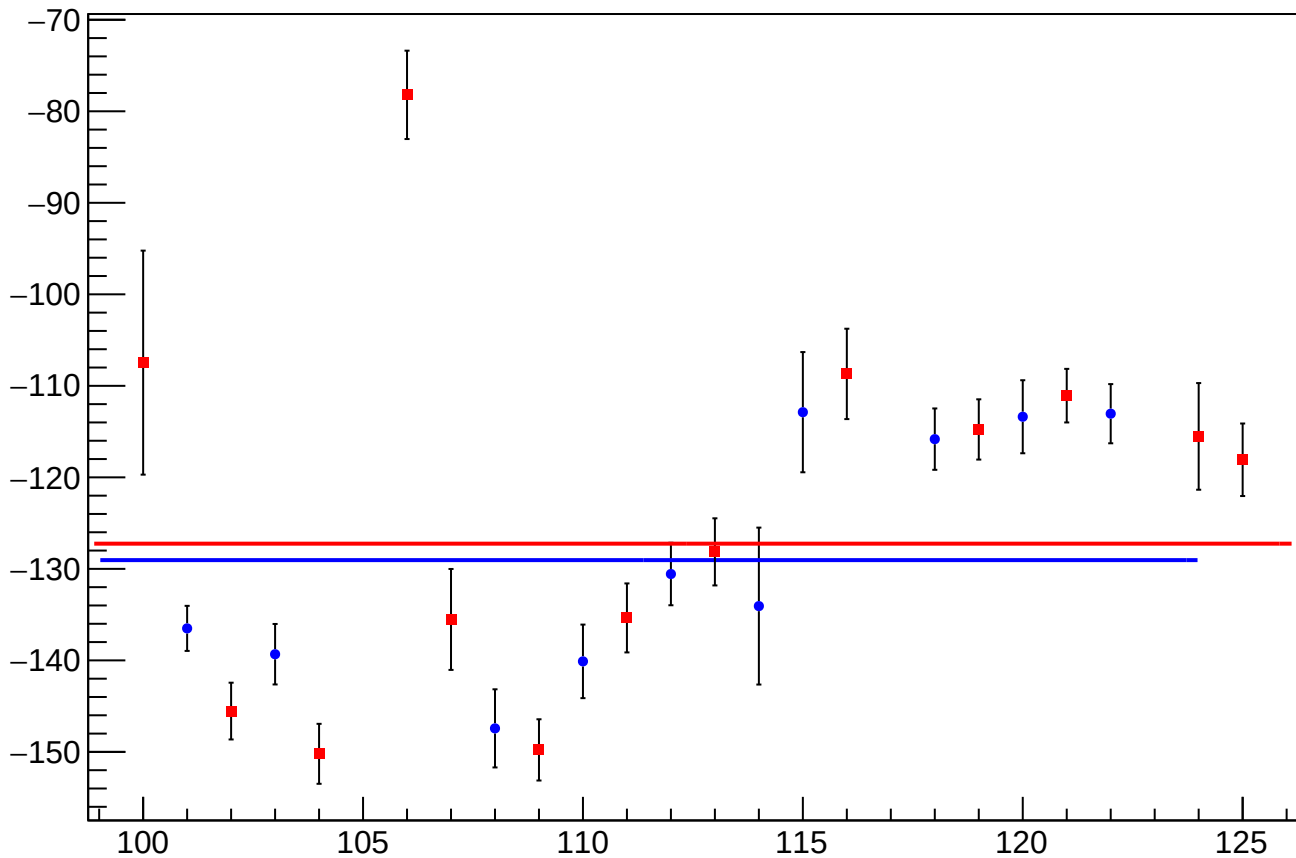
Right: -63.828+/-0.726 χ^2/NDF : 2841.0/22

In: -64.276+/-1.038 χ^2/NDF : 1462.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -63.828+/-0.726 χ^2/NDF : 2841.0/22

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -129.044+/-1.160 χ^2 /NDF: 107.0/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -127.246+/-1.080 χ^2 /NDF: 310.4/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

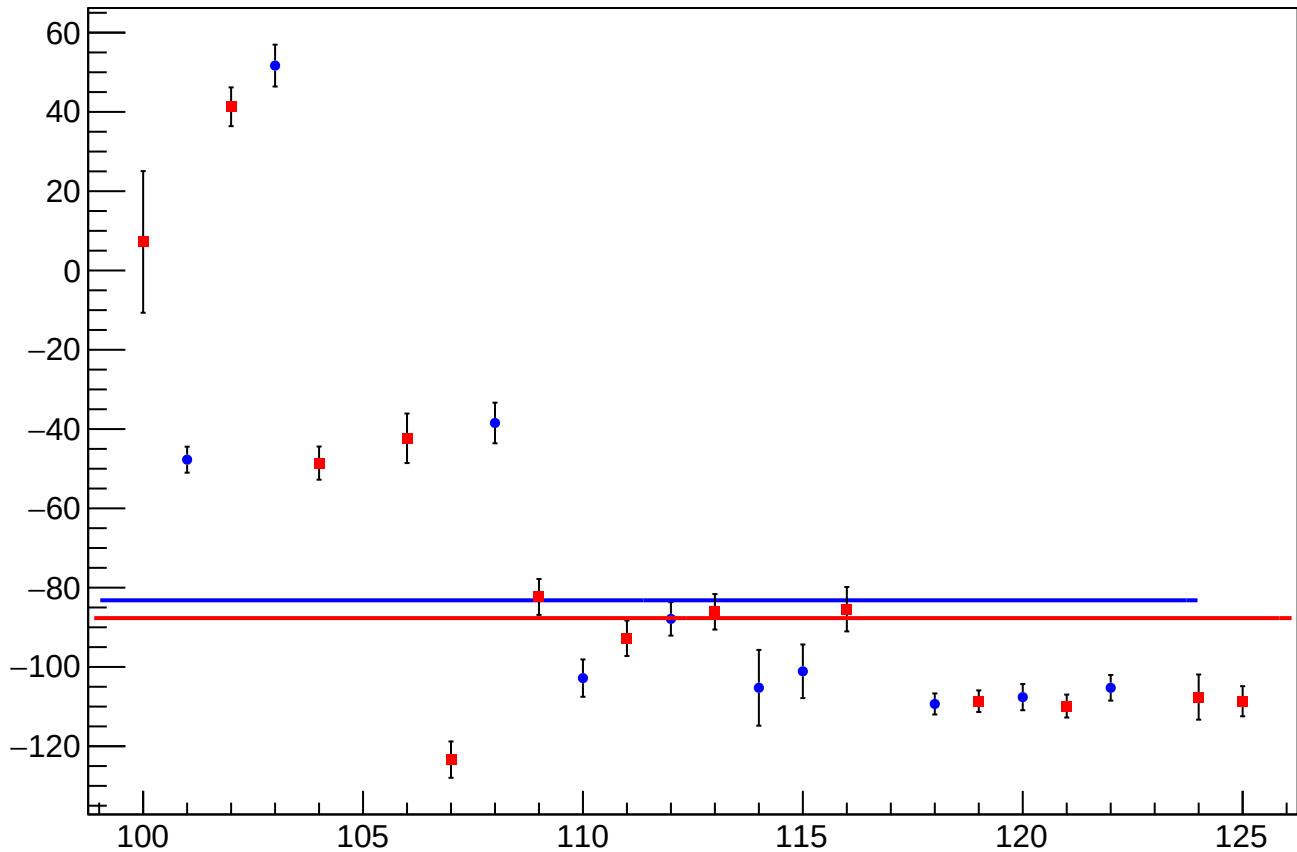
Right: -128.081+/-0.791 χ^2 /NDF: 418.7/22

In: -129.044+/-1.160 χ^2 /NDF:107.0/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -128.081+/-0.791 χ^2 /NDF: 418.7/22

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: -87.680 $\pm$ 1.186 χ^2 /NDF: 1089.4/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

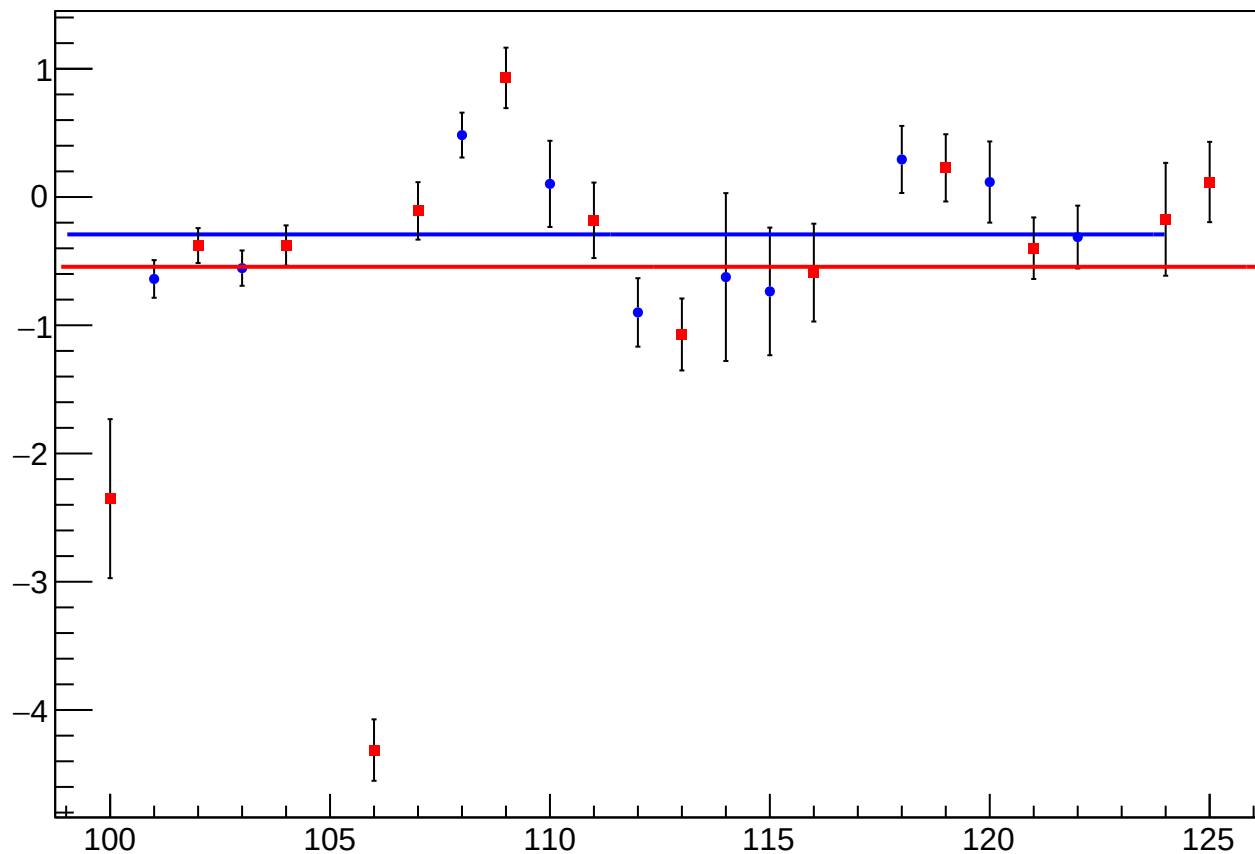
Right: -85.571 $\pm$ 0.863 χ^2 /NDF: 2171.2/22

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: -85.571 $\pm$ 0.863 χ^2 /NDF: 2171.2/22

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: -0.544 ± 0.066 $\chi^2/\text{NDF}: 320.6/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

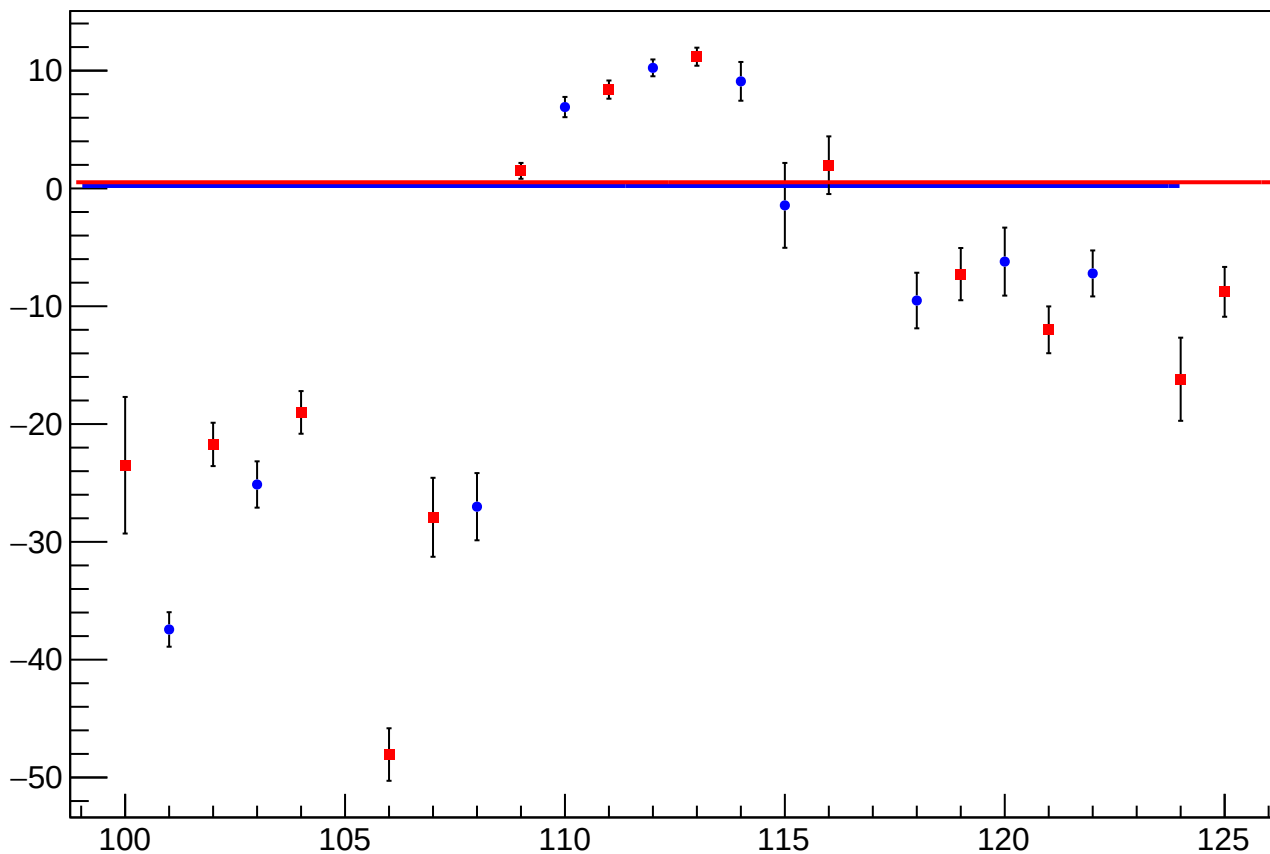
Right: -0.426 ± 0.048 $\chi^2/\text{NDF}: 370.5/22$

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: -0.426 ± 0.048 $\chi^2/\text{NDF}: 370.5/22$

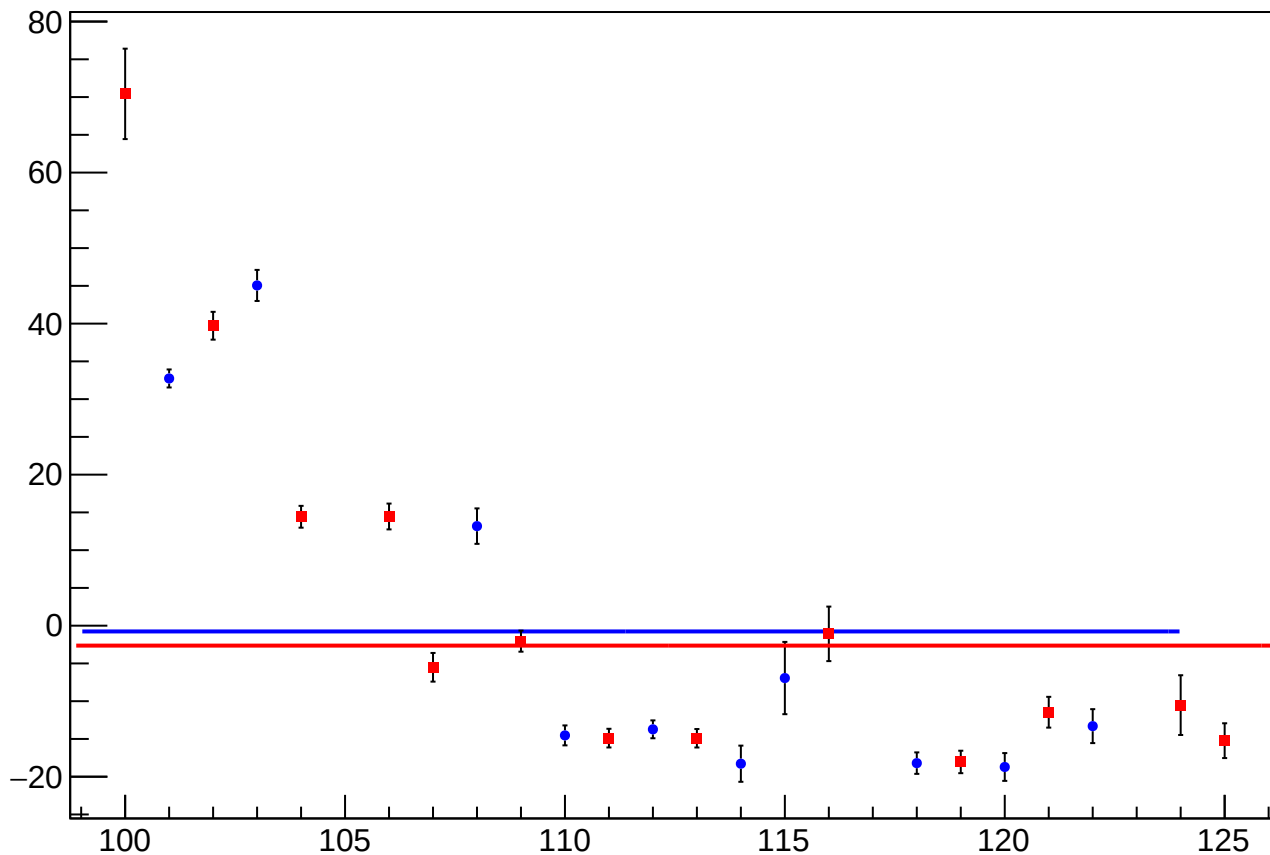
reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.209+/-0.440 χ^2/NDF : 1241.4/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.525+/-0.367 χ^2/NDF : 1220.5/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.396+/-0.282 χ^2/NDF : 2462.2/22
 In: 0.209+/-0.440 χ^2/NDF : 1241.4/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.396+/-0.282 χ^2/NDF : 2462.2/22

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.763 ± 0.526 χ^2/NDF : 1879.8/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.639 ± 0.483 χ^2/NDF : 1279.1/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

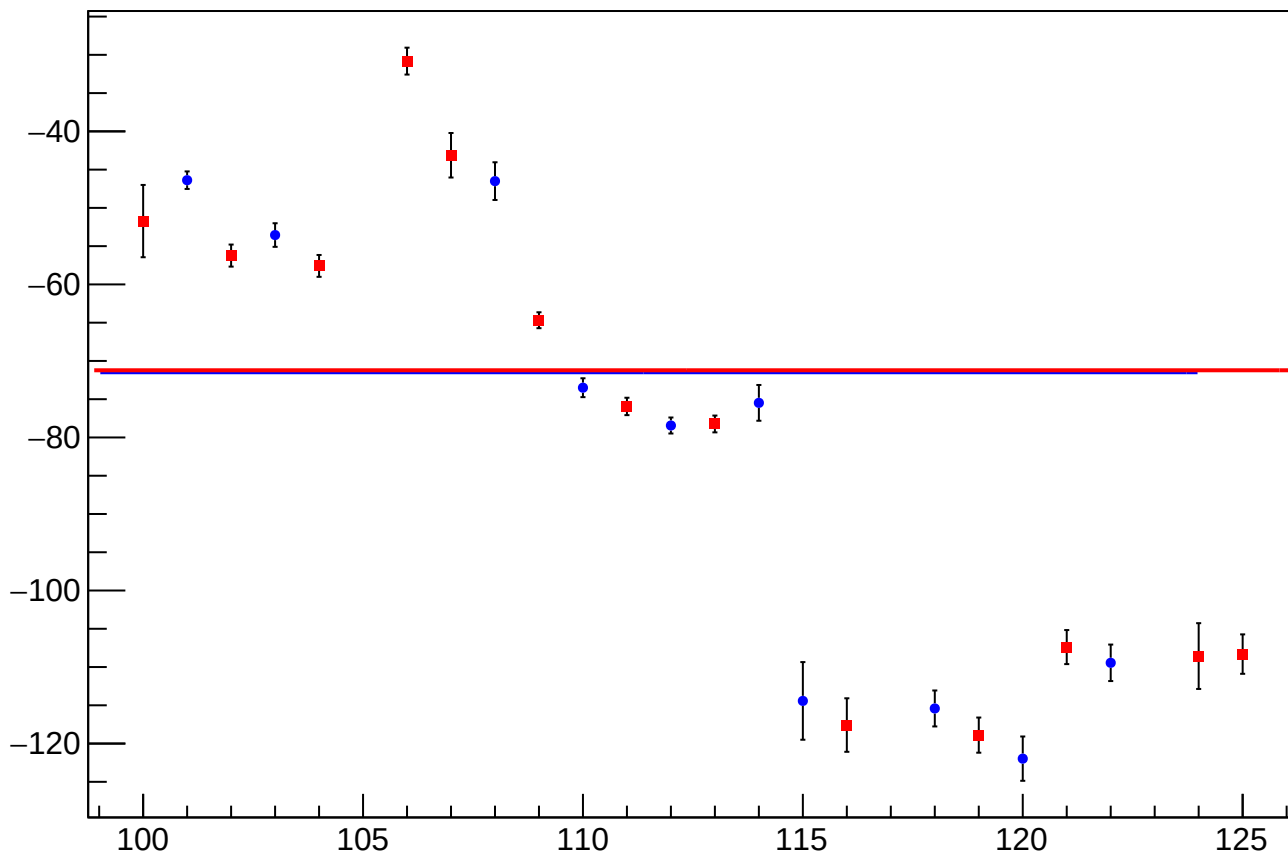
Right: -1.781 ± 0.356 χ^2/NDF : 3165.7/22

In: -0.763 ± 0.526 χ^2/NDF : 1879.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.781 ± 0.356 χ^2/NDF : 3165.7/22

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: -71.220+/-0.463 χ^2/NDF : 2089.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

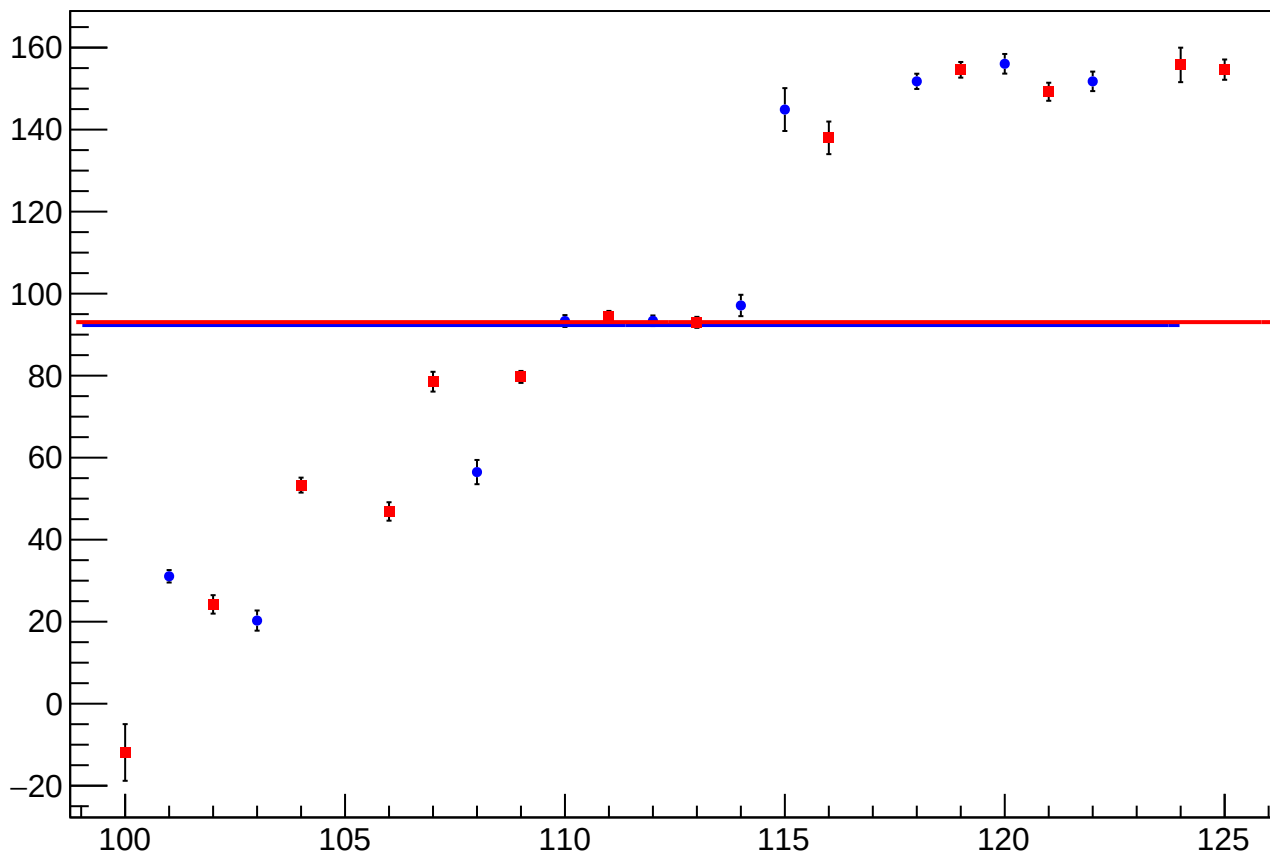
Right: -71.332+/-0.347 χ^2/NDF : 3836.6/22

In: -71.476+/-0.526 χ^2/NDF : 1746.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -71.332+/-0.347 χ^2/NDF : 3836.6/22

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: 93.054+/-0.556 χ^2/NDF : 4845.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

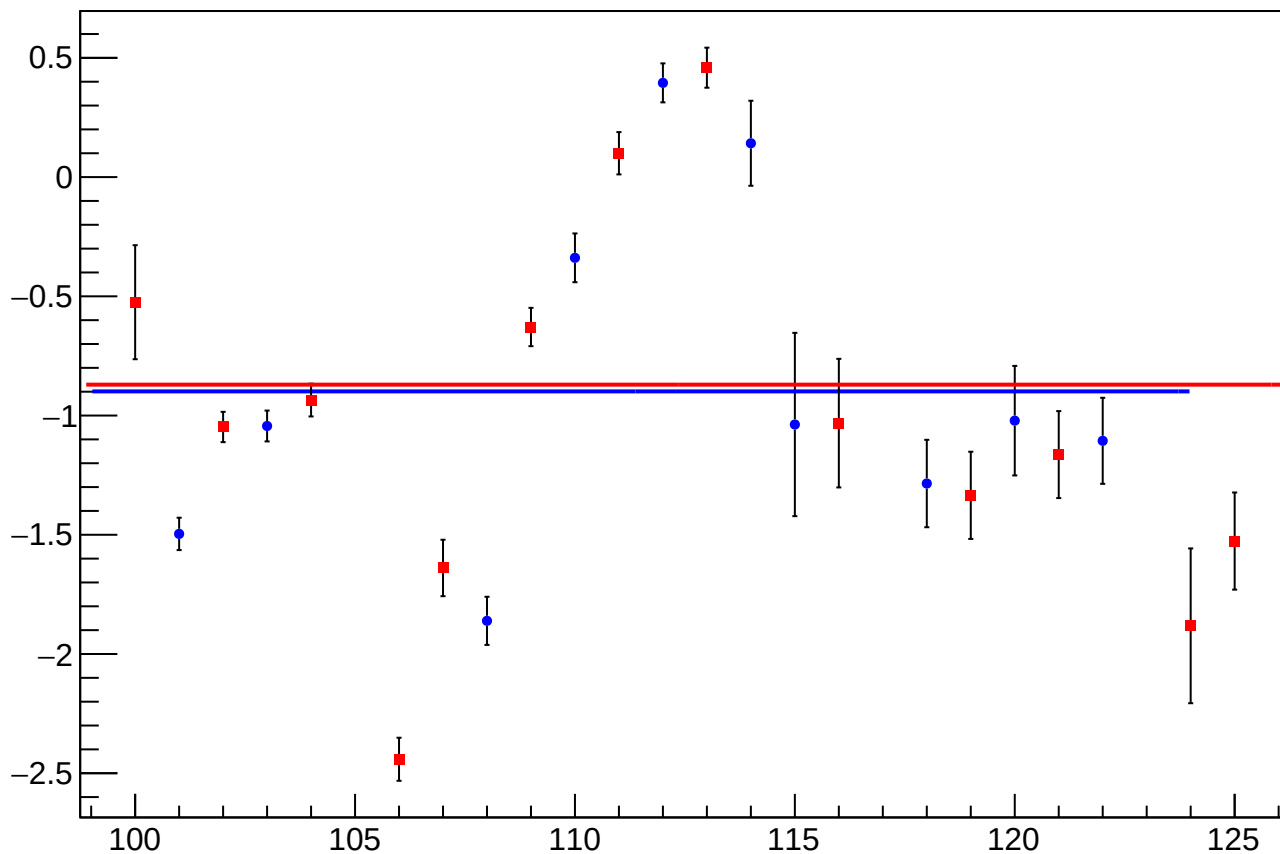
Right: 92.733+/-0.414 χ^2/NDF : 9934.0/22

In: 92.337+/-0.619 χ^2/NDF : 5088.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.733+/-0.414 χ^2/NDF : 9934.0/22

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.899 $\pm$ 0.033 χ^2 /NDF: 494.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.870 $\pm$ 0.029 χ^2 /NDF: 764.6/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

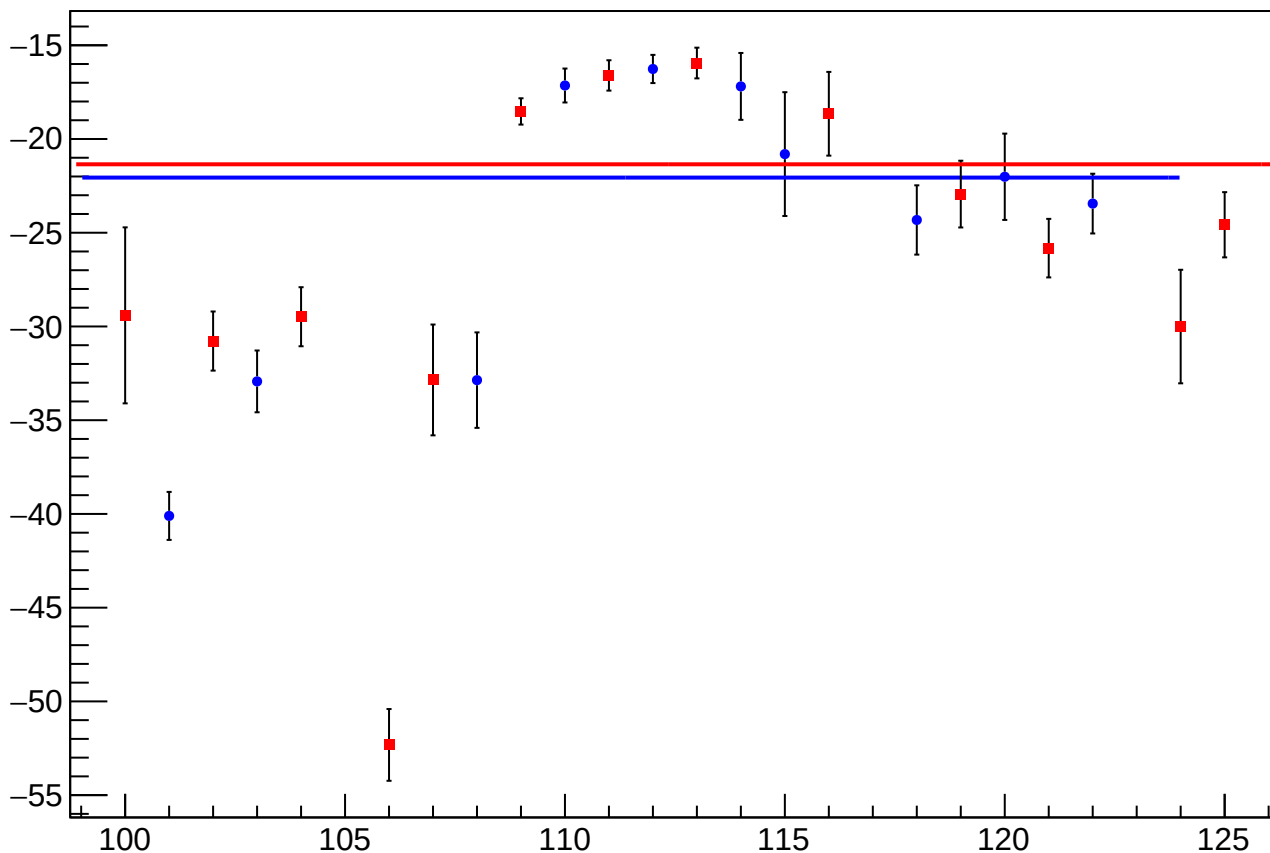
Right: -0.883 $\pm$ 0.022 χ^2 /NDF: 1259.4/22

In: -0.899 $\pm$ 0.033 χ^2 /NDF:494.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.883 $\pm$ 0.022 χ^2 /NDF: 1259.4/22

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: -21.349 $\pm$ 0.362 χ^2 /NDF: 458.3/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

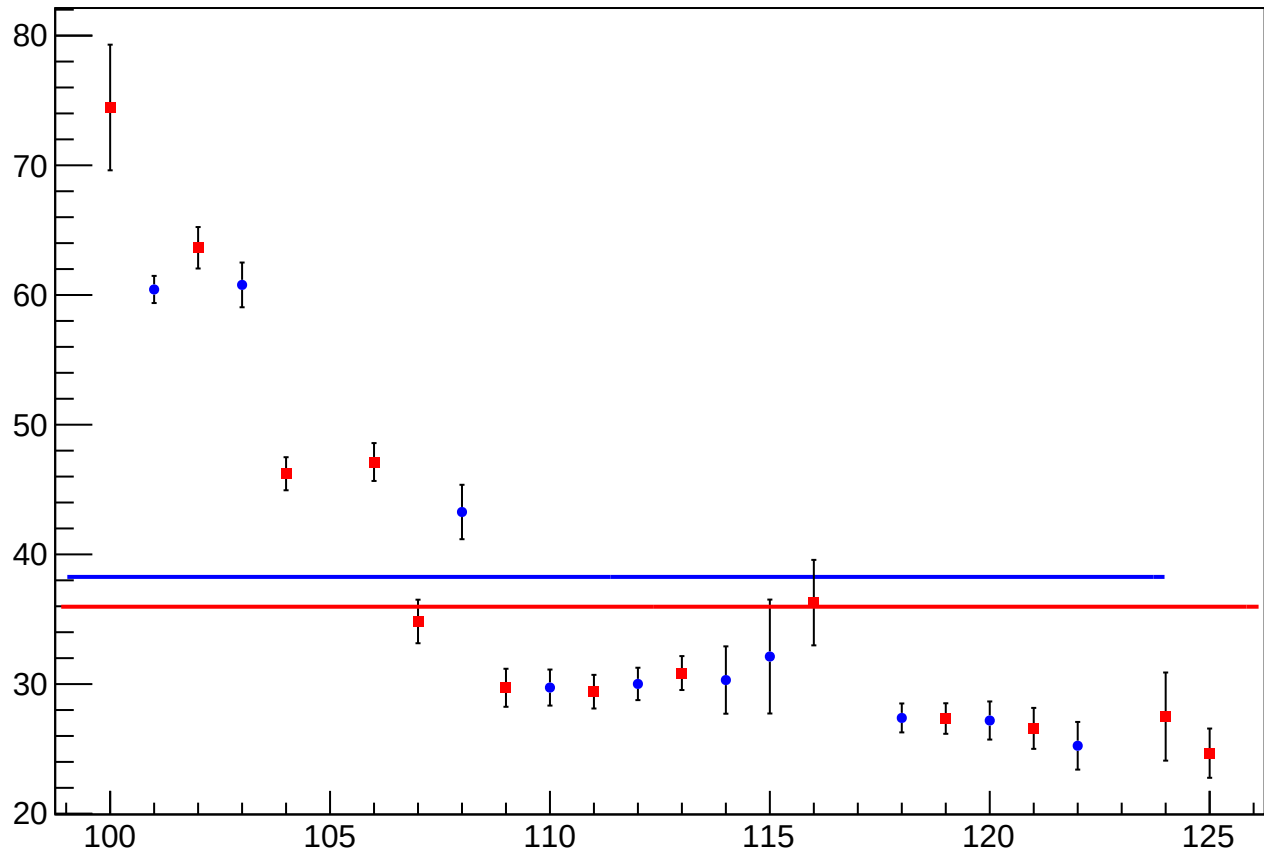
Right: -21.643 $\pm$ 0.277 χ^2 /NDF: 818.8/22

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: -21.643 $\pm$ 0.277 χ^2 /NDF: 818.8/22

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 38.264 $\pm$ 0.477 χ^2 /NDF: 919.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 35.966 $\pm$ 0.443 χ^2 /NDF: 675.9/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

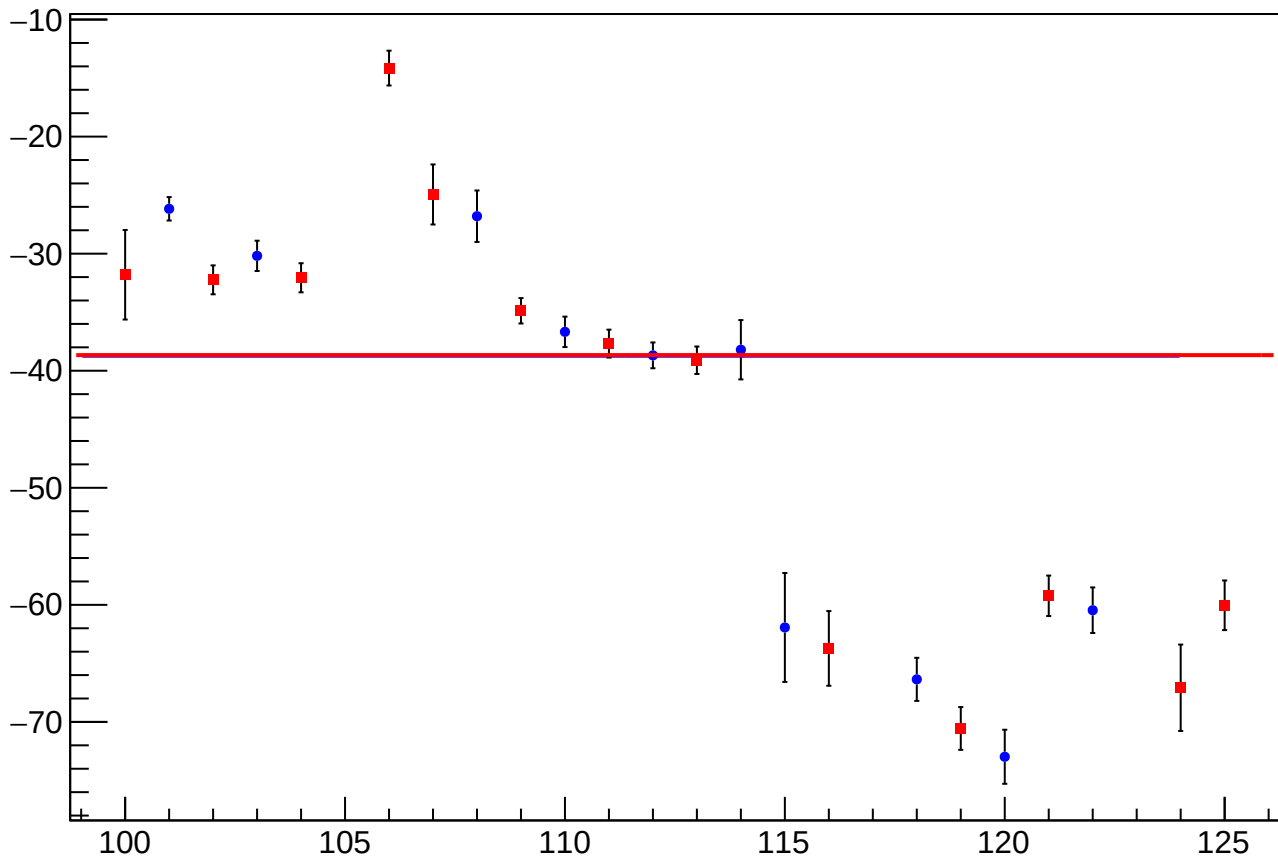
Right: 37.031 $\pm$ 0.325 χ^2 /NDF: 1607.6/22

In: 38.264 $\pm$ 0.477 χ^2 /NDF:919.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 37.031 $\pm$ 0.325 χ^2 /NDF: 1607.6/22

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -38.715 $\pm$ 0.490 χ^2 /NDF: 828.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -38.667 $\pm$ 0.435 χ^2 /NDF: 1040.3/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

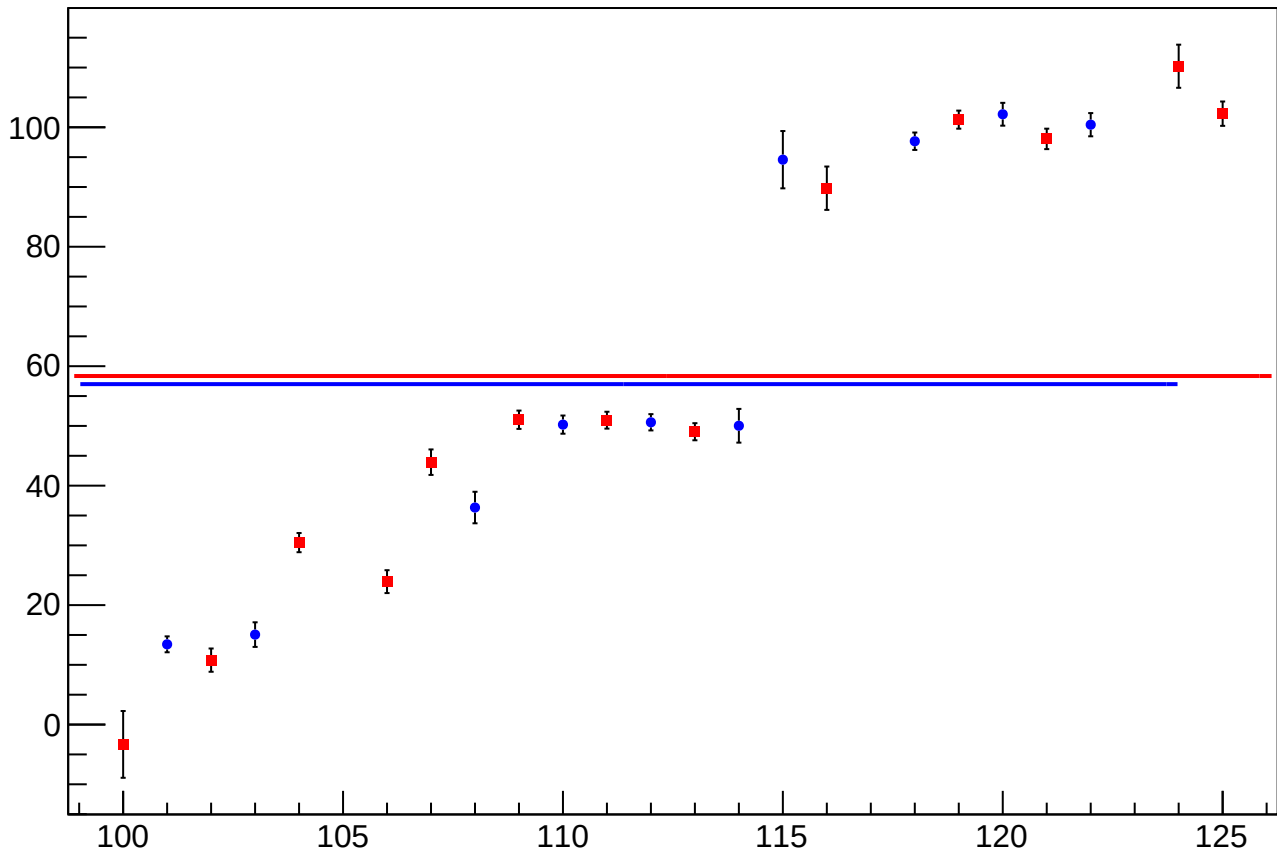
Right: -38.688 $\pm$ 0.325 χ^2 /NDF: 1868.3/22

In: -38.715 $\pm$ 0.490 χ^2 /NDF:828.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -38.688 $\pm$ 0.325 χ^2 /NDF: 1868.3/22

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: 58.356+/-0.516 χ^2/NDF : 3570.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

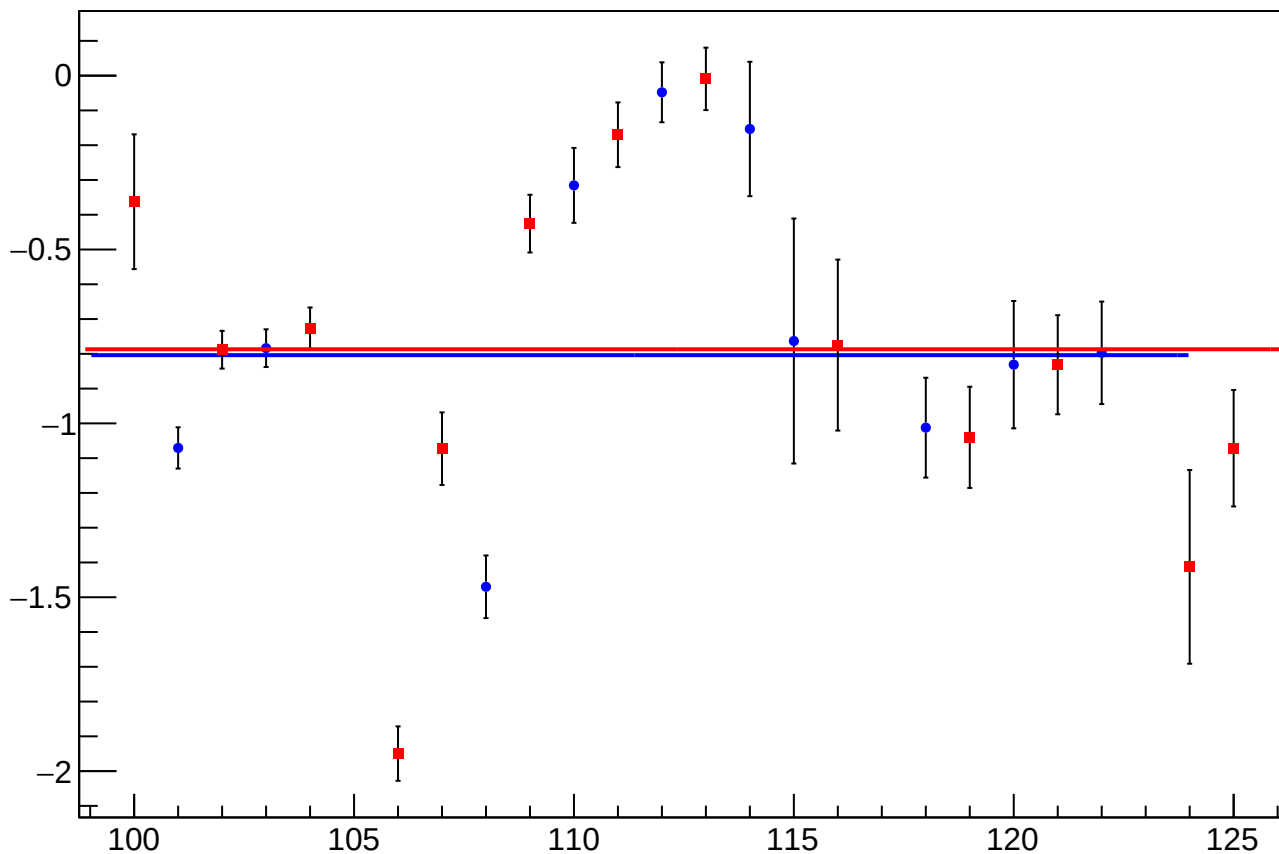
Right: 57.743+/-0.382 χ^2/NDF : 7064.1/22

In: 56.997+/-0.569 χ^2/NDF :3490.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 57.743+/-0.382 χ^2/NDF : 7064.1/22

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: -0.787 ± 0.026 χ^2/NDF : 383.3/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

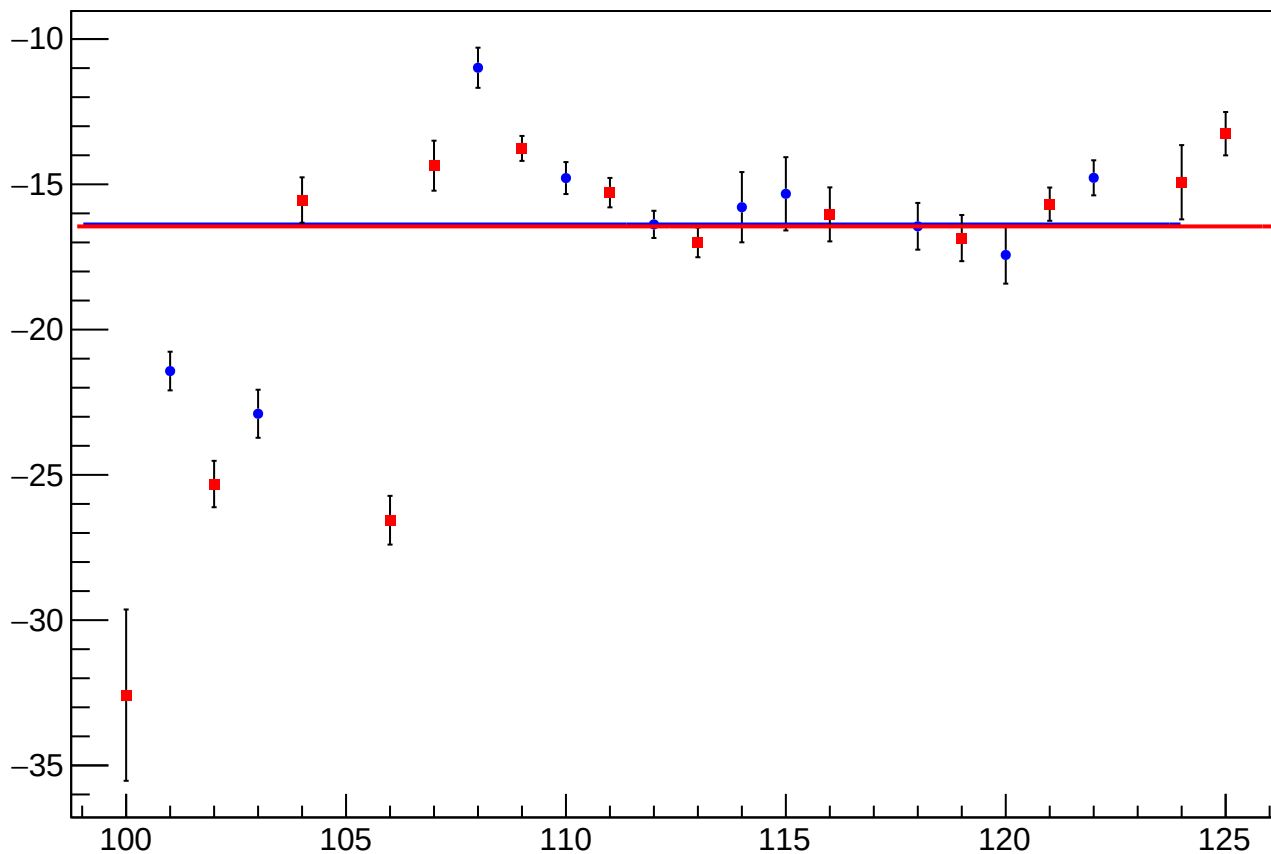
Right: -0.794 ± 0.020 χ^2/NDF : 569.6/22

In: -0.804 ± 0.030 χ^2/NDF : 186.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.794 ± 0.020 χ^2/NDF : 569.6/22

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: -16.449+/-0.191 χ^2/NDF : 373.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

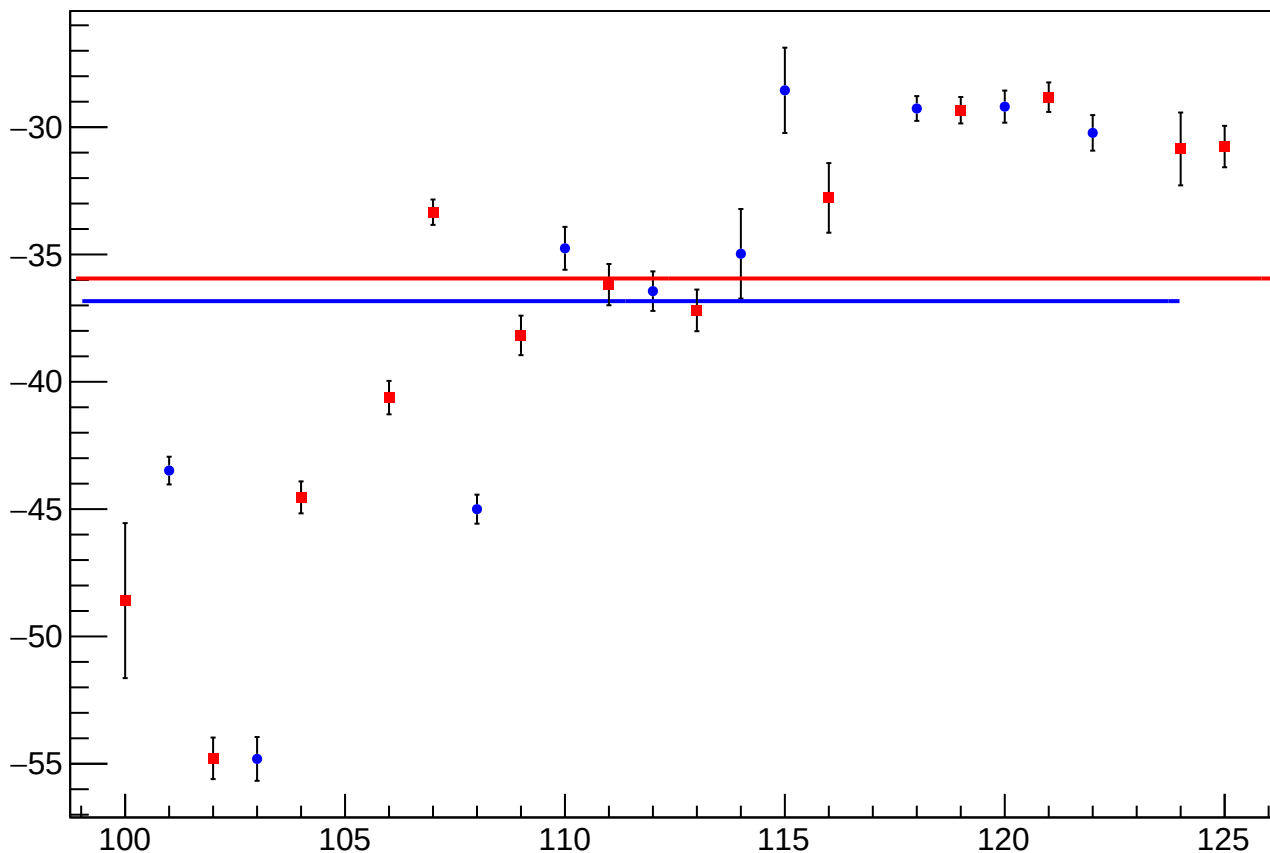
Right: -16.421+/-0.145 χ^2/NDF : 571.4/22

In: -16.383+/-0.222 χ^2/NDF : 198.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.421+/-0.145 χ^2/NDF : 571.4/22

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: -35.942 $\pm$ 0.202 χ^2 /NDF: 1198.2/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

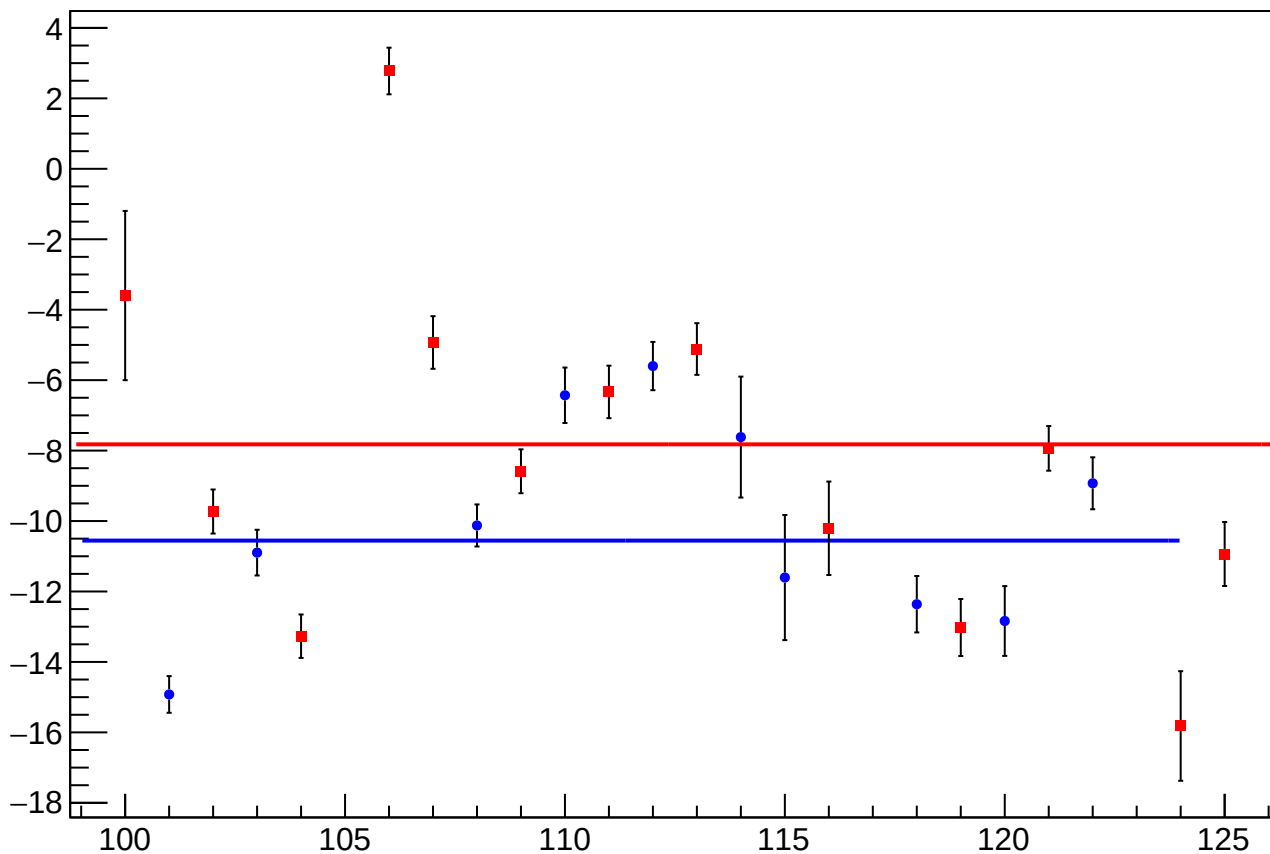
Right: -36.347 $\pm$ 0.149 χ^2 /NDF: 2509.5/22

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: -36.347 $\pm$ 0.149 χ^2 /NDF: 2509.5/22

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: -7.822 ± 0.214 $\chi^2/\text{NDF}: 463.5/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

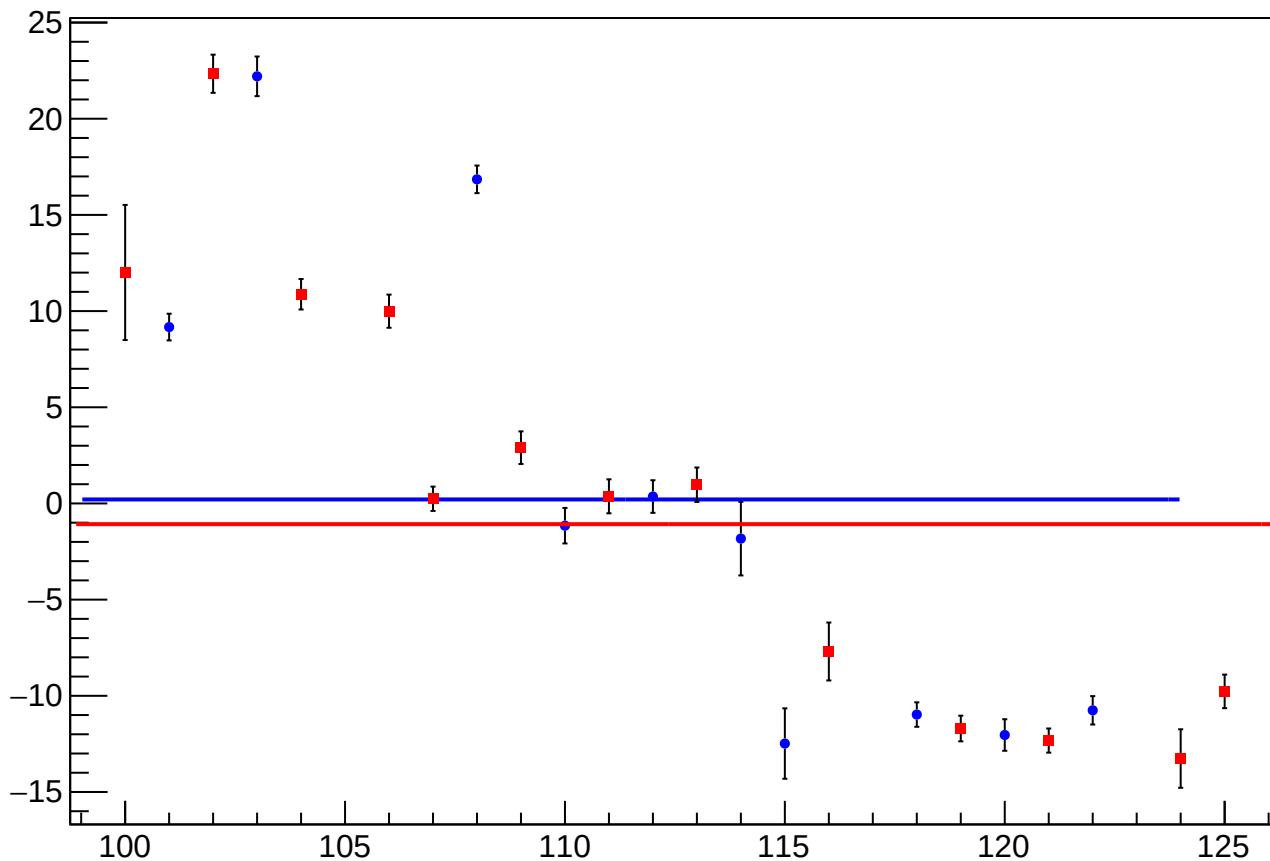
Right: -9.044 ± 0.159 $\chi^2/\text{NDF}: 706.0/22$

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: -9.044 ± 0.159 $\chi^2/\text{NDF}: 706.0/22$

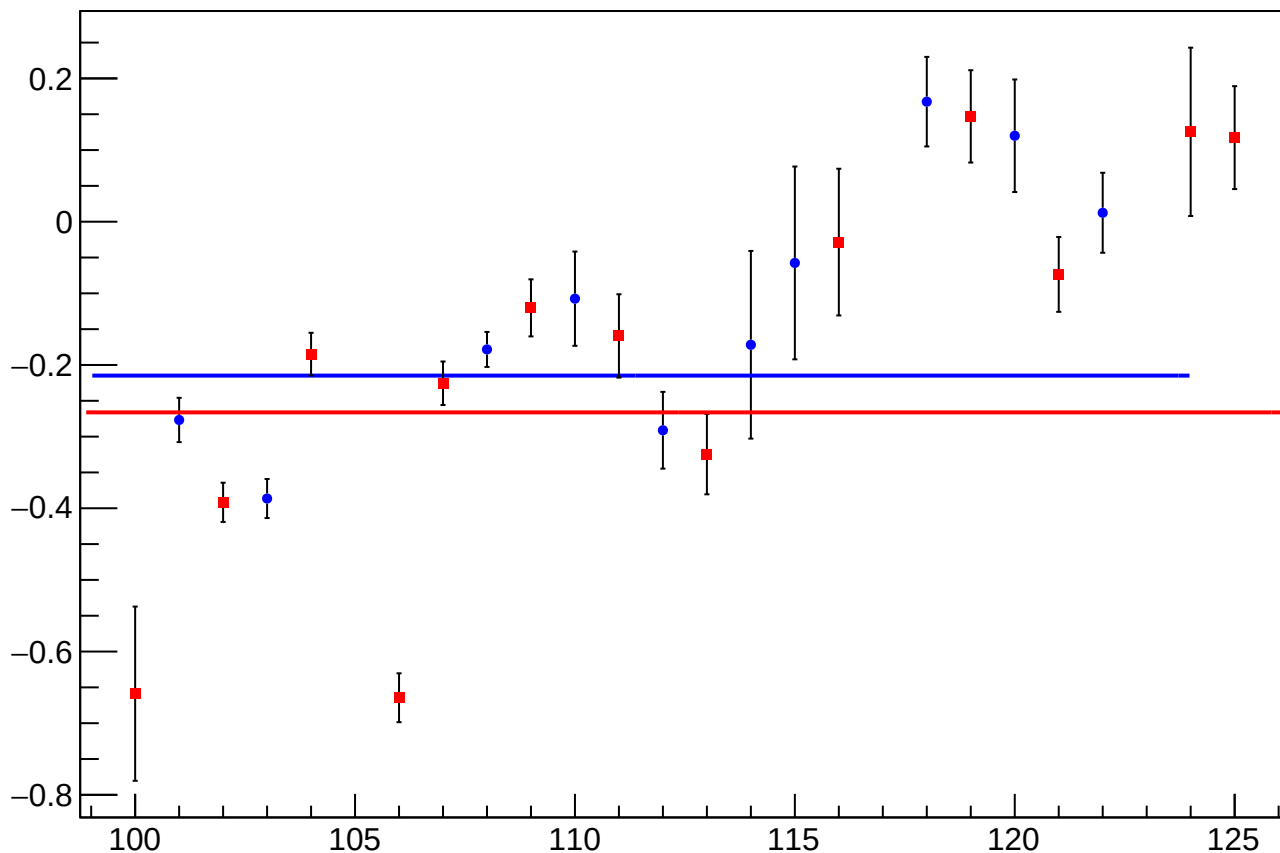
reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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: -1.076+/-0.240 χ^2/NDF : 1755.3/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.506+/-0.179 χ^2/NDF : 3735.2/22
 In: 0.208+/-0.268 χ^2/NDF : 1967.2/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.506+/-0.179 χ^2/NDF : 3735.2/22

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: -0.266+/-0.012 χ^2/NDF : 294.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

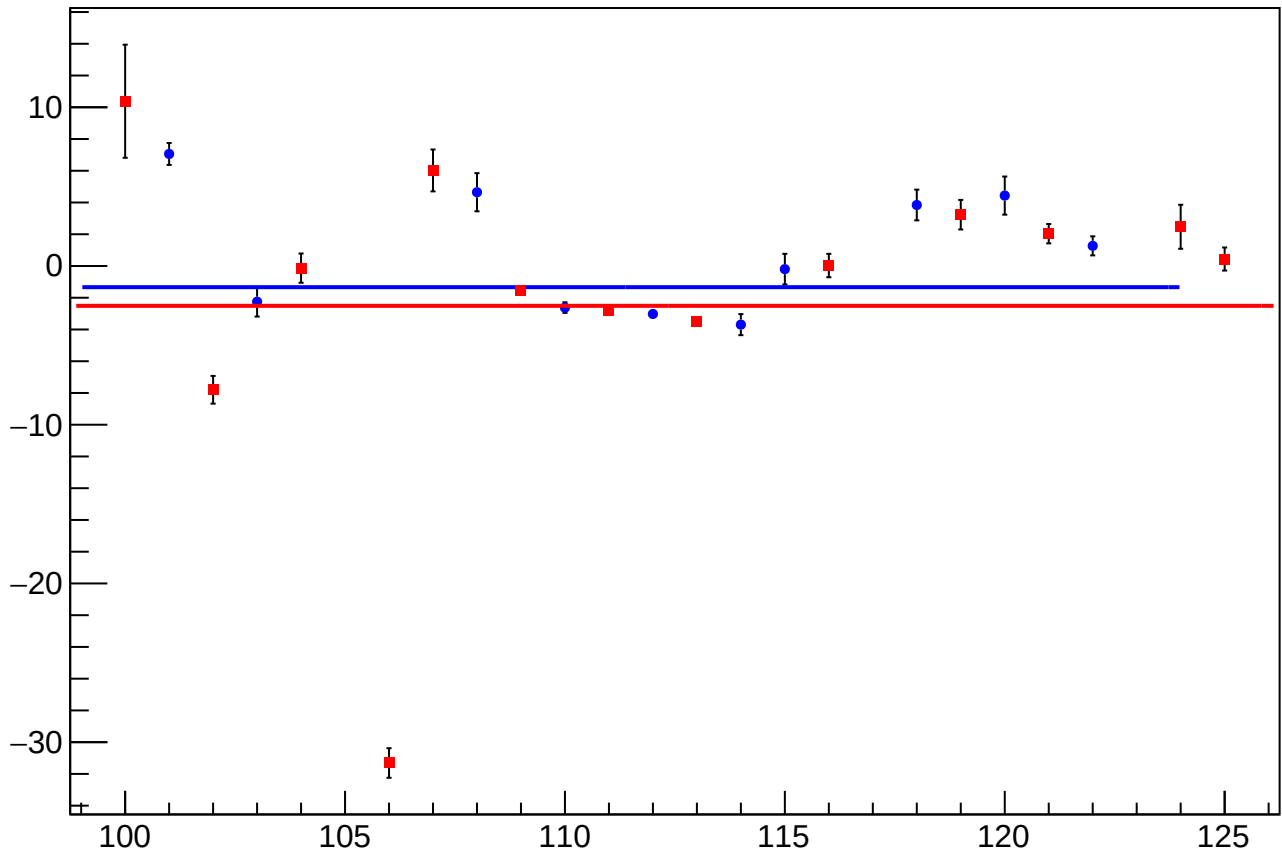
Right: -0.243+/-0.009 χ^2/NDF : 426.8/22

In: -0.215+/-0.013 χ^2/NDF :124.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.243+/-0.009 χ^2/NDF : 426.8/22

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: -2.510+/-0.145 χ^2 /NDF: 1211.7/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

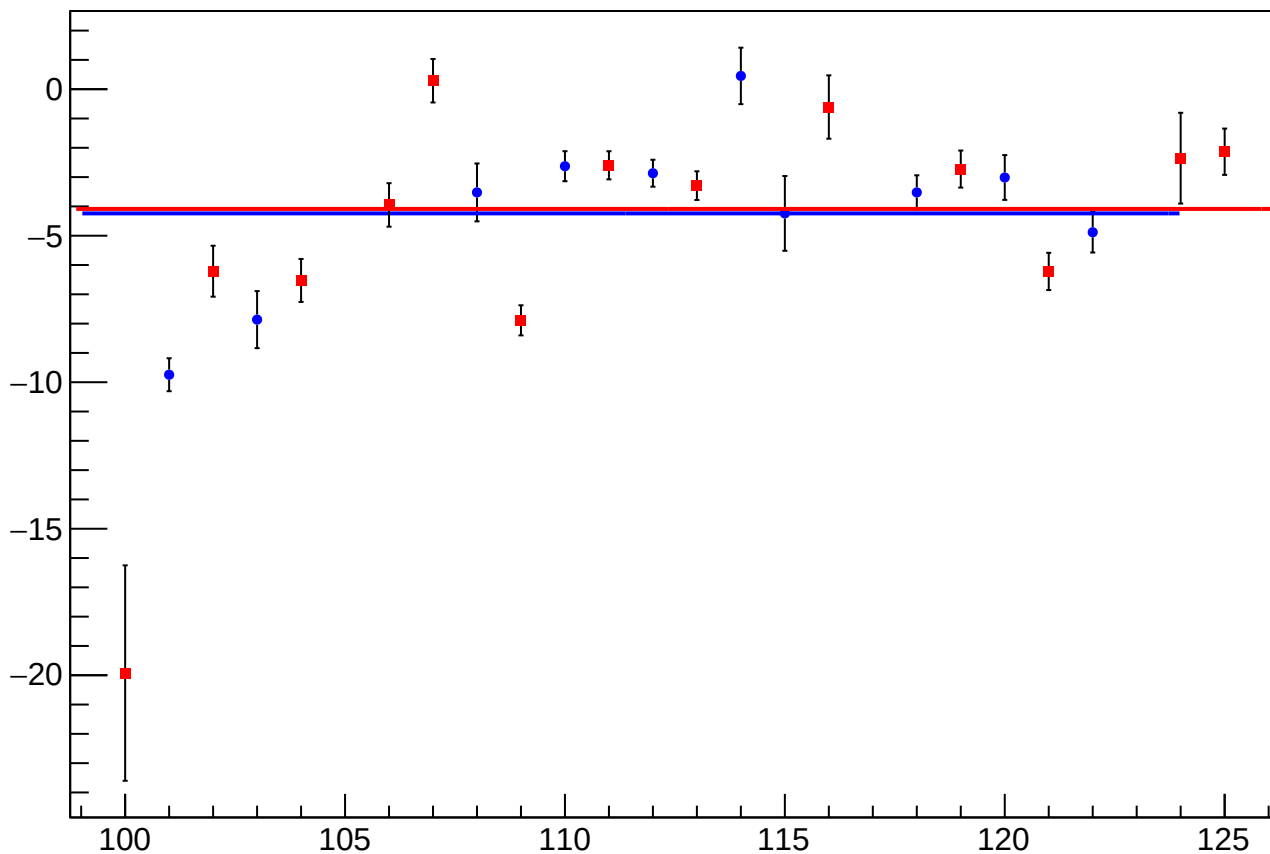
Right: -2.024+/-0.111 χ^2 /NDF: 1548.5/22

In: -1.335+/-0.172 χ^2 /NDF:309.5/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2.024+/-0.111 χ^2 /NDF: 1548.5/22

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.238 $\pm$ 0.212 χ^2/NDF : 157.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -4.086 $\pm$ 0.192 χ^2/NDF : 171.1/12

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

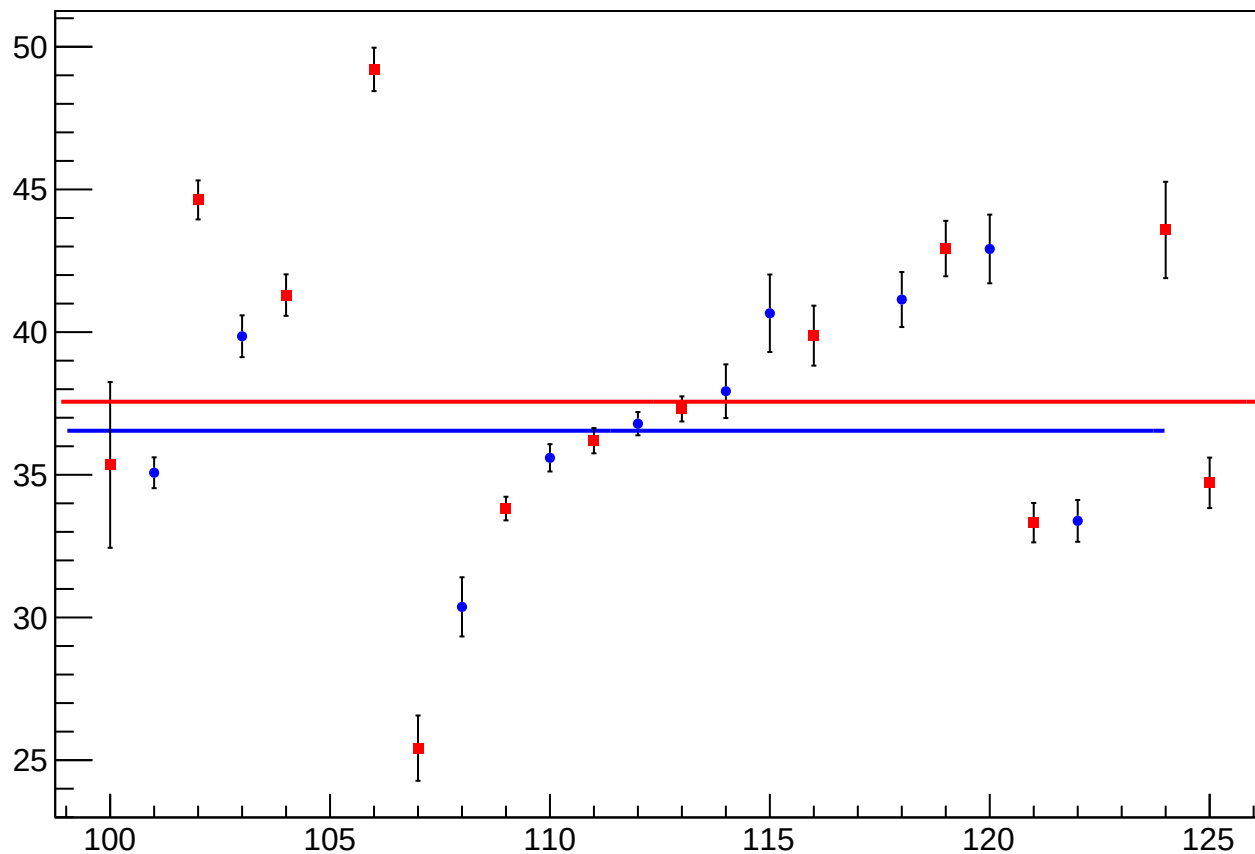
Right: -4.155 $\pm$ 0.142 χ^2/NDF : 329.1/22

In: -4.238 $\pm$ 0.212 χ^2/NDF : 157.8/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -4.155 $\pm$ 0.142 χ^2/NDF : 329.1/22

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: 37.561 ± 0.187 χ^2/NDF : 668.4/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

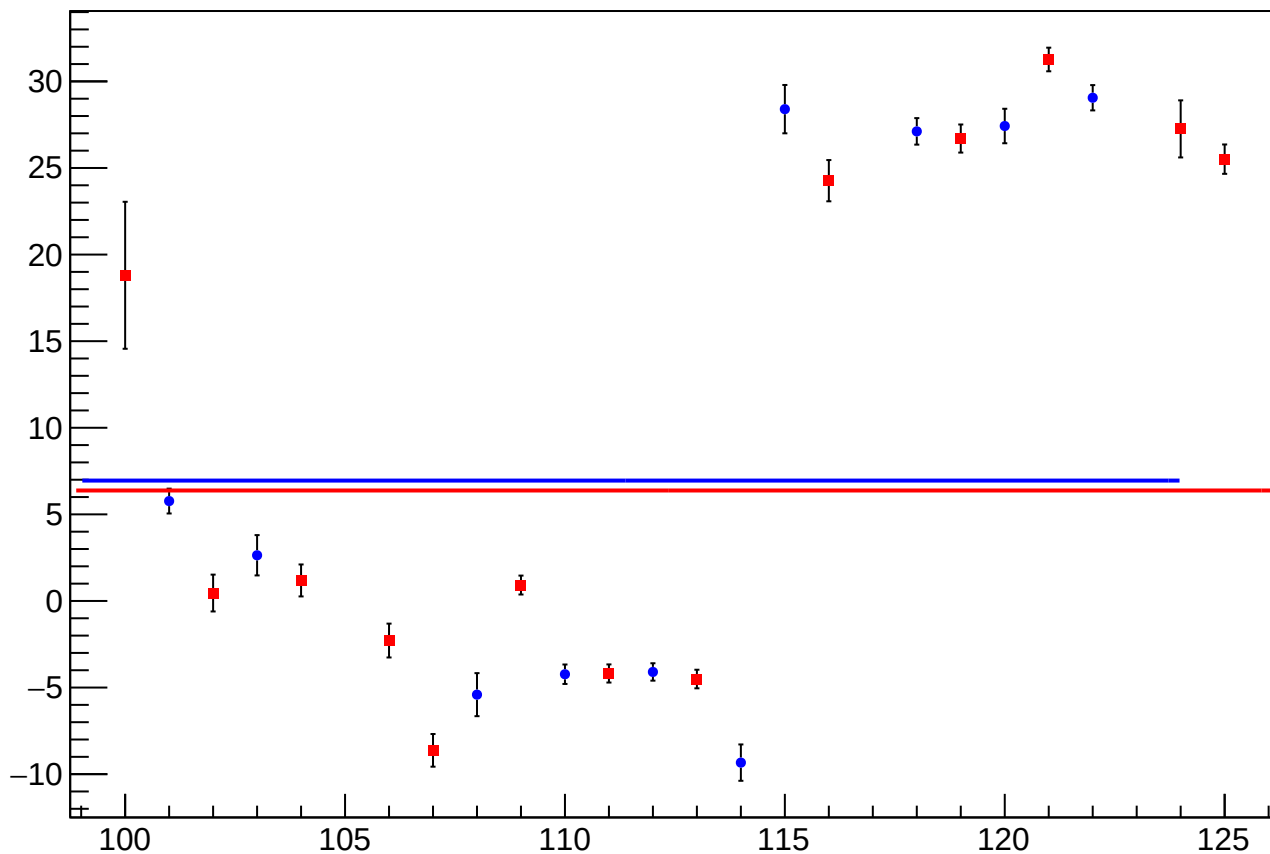
Right: 37.118 ± 0.141 χ^2/NDF : 829.4/22

In: 36.544 ± 0.214 χ^2/NDF : 148.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 37.118 ± 0.141 χ^2/NDF : 829.4/22

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: 6.378+/-0.219 χ^2/NDF : 4177.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

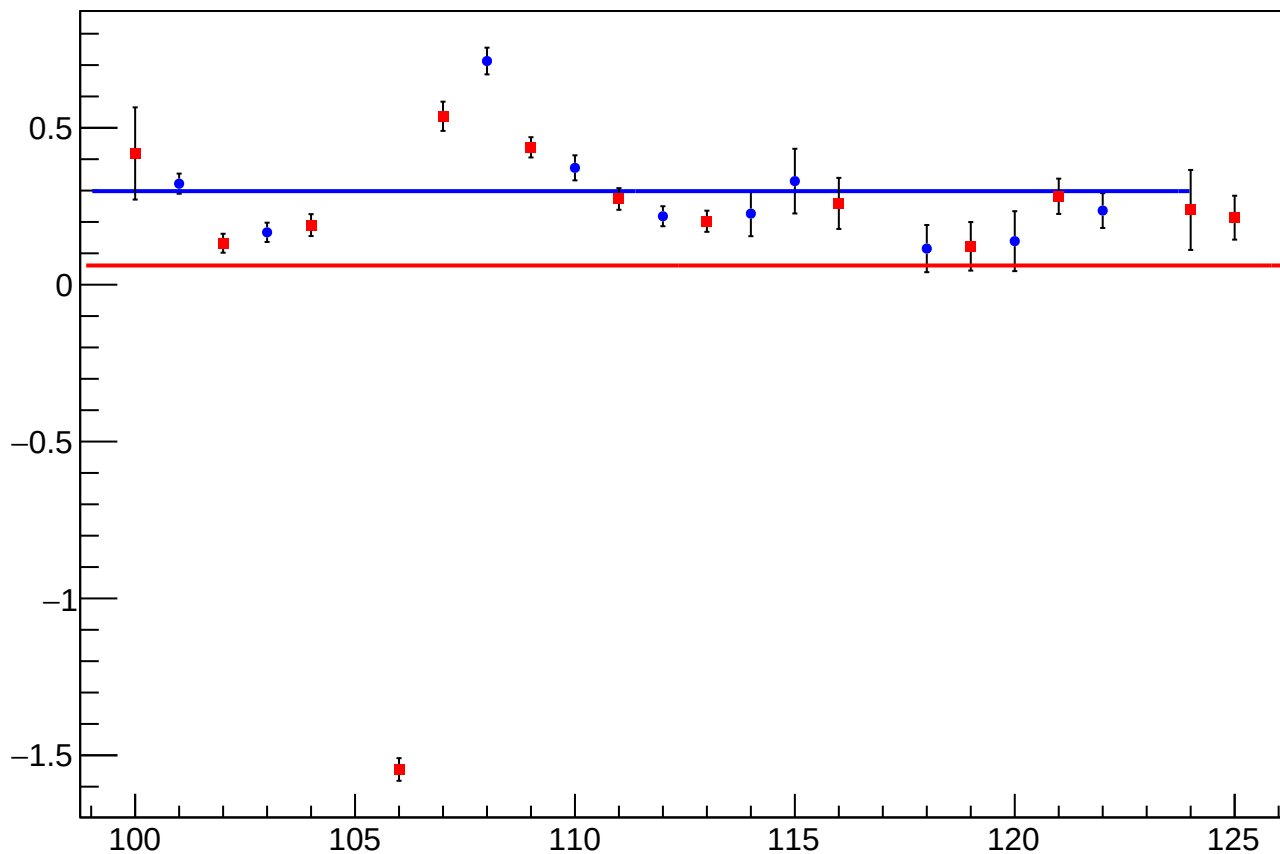
Right: 6.631+/-0.164 χ^2/NDF : 7684.4/22

In: 6.951+/-0.246 χ^2/NDF : 3504.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.631+/-0.164 χ^2/NDF : 7684.4/22

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: 0.061+/-0.012 χ^2/NDF : 2332.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

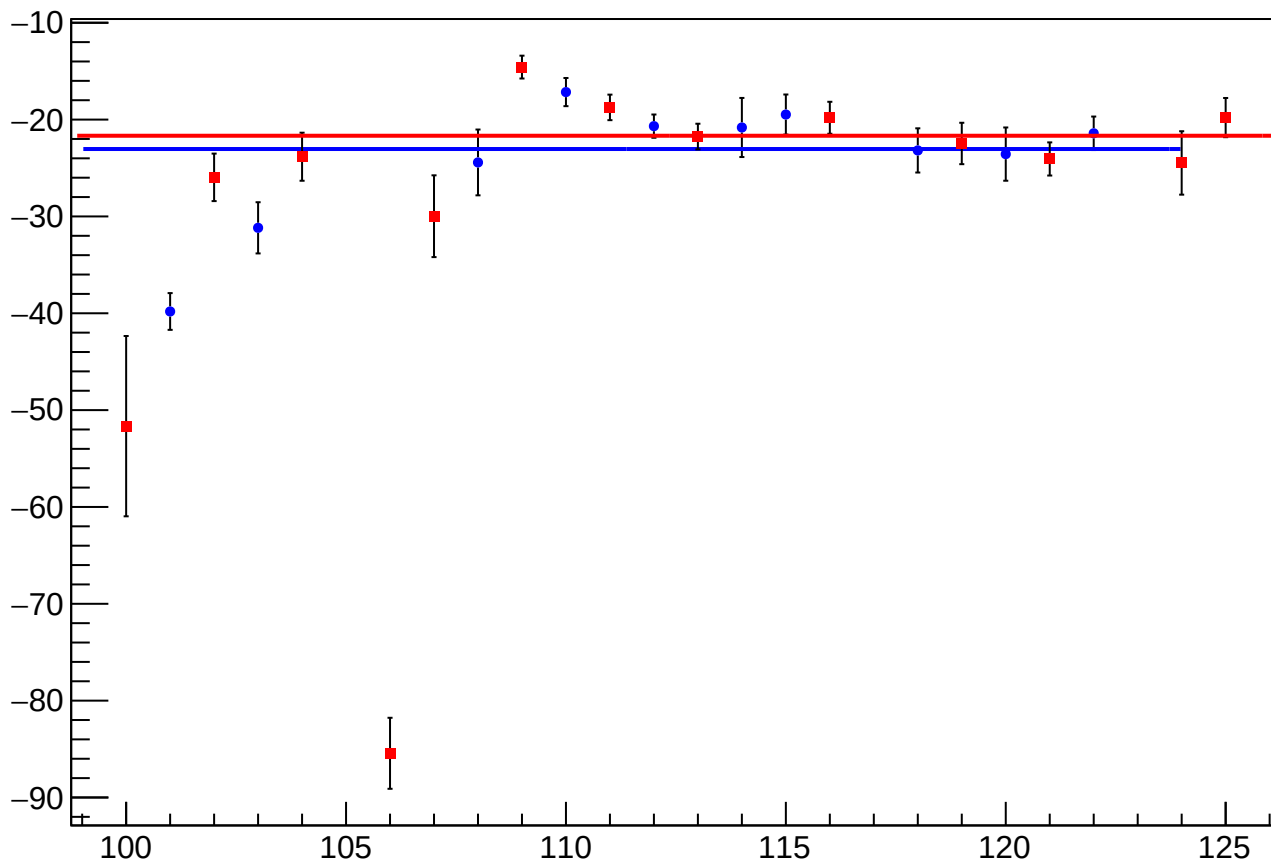
Right: 0.163+/-0.009 χ^2/NDF : 2630.7/22

In: 0.298+/-0.014 χ^2/NDF : 134.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.163+/-0.009 χ^2/NDF : 2630.7/22

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: -21.668 $\pm$ 0.527 χ^2 /NDF: 366.7/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

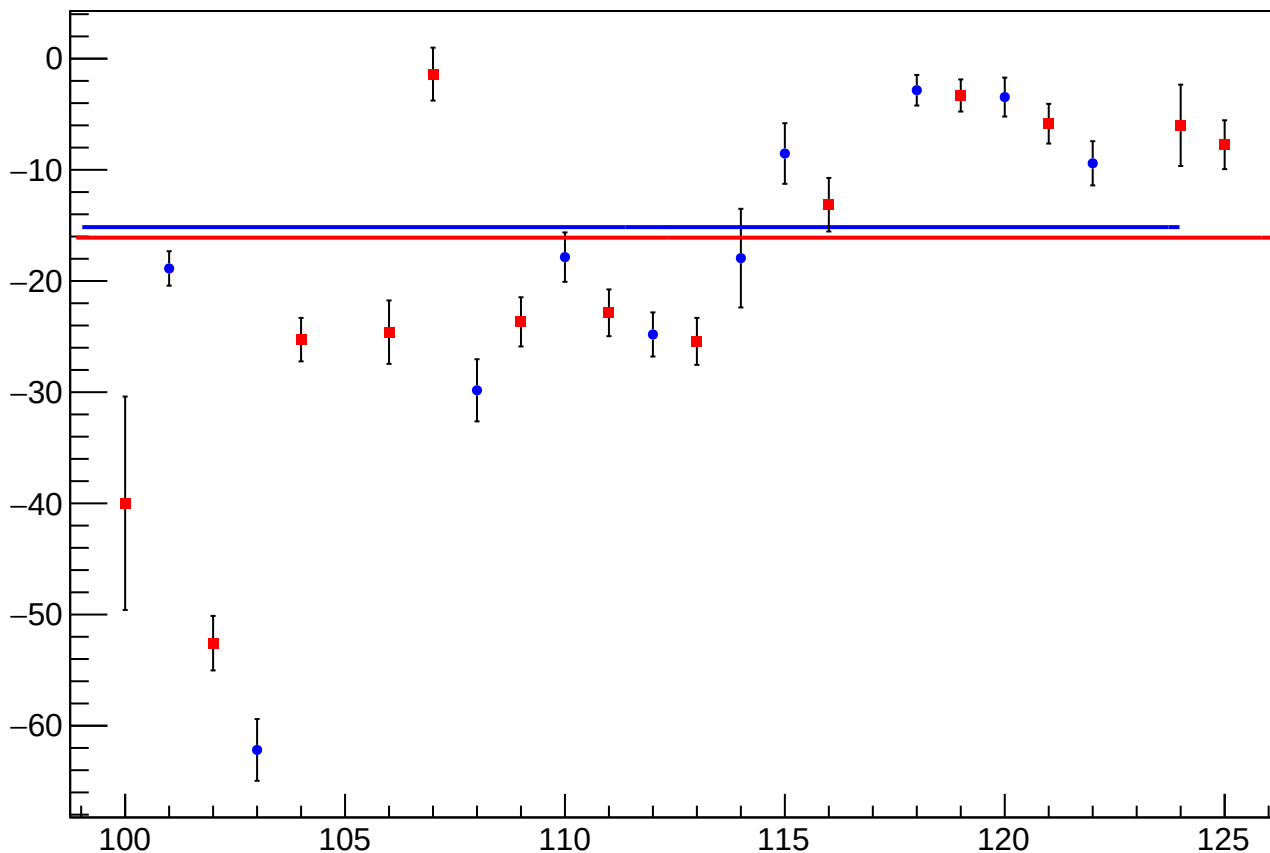
Right: -22.252 $\pm$ 0.399 χ^2 /NDF: 482.0/22

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: -22.252 $\pm$ 0.399 χ^2 /NDF: 482.0/22

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -15.153+/-0.642 χ^2/NDF : 484.5/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -16.099+/-0.616 χ^2/NDF : 472.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

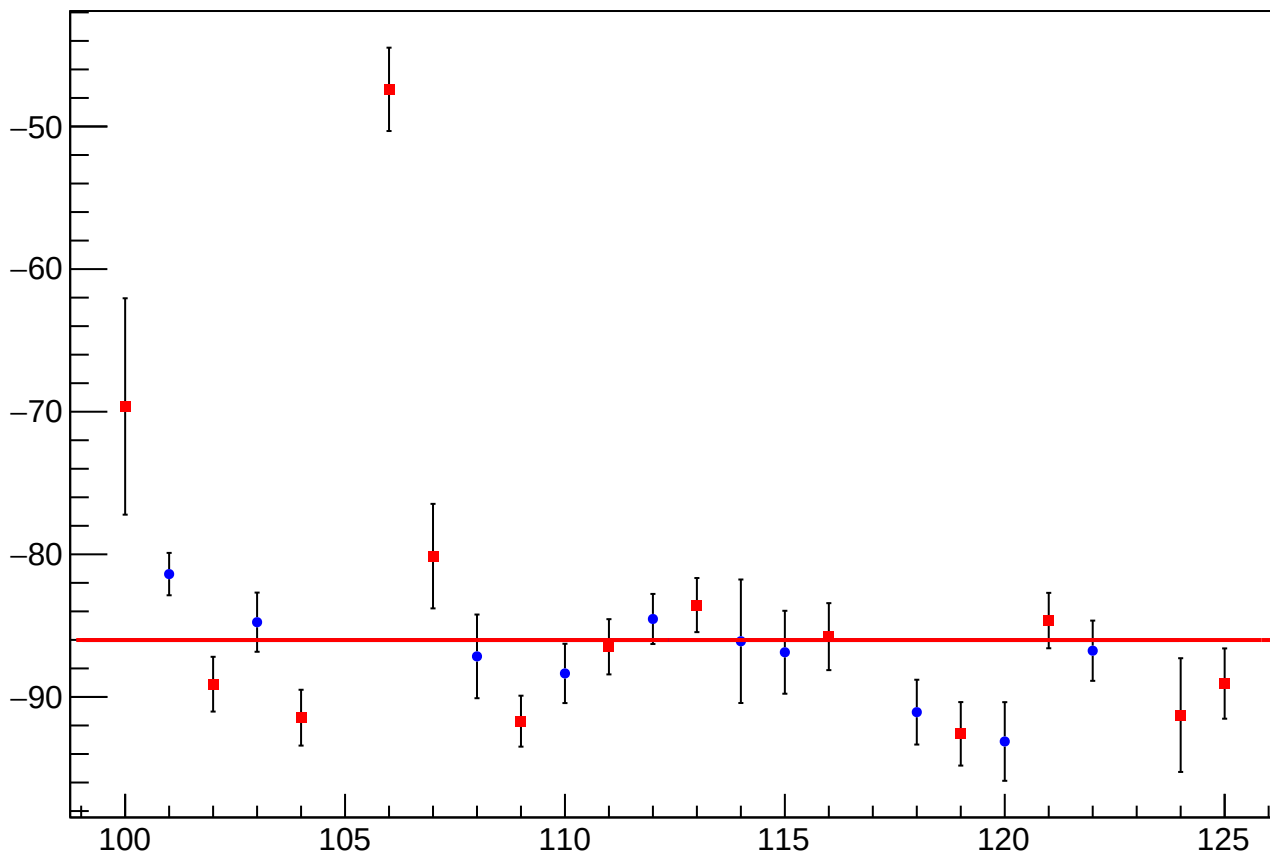
Right: -15.646+/-0.444 χ^2/NDF : 958.4/22

In: -15.153+/-0.642 χ^2/NDF :484.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -15.646+/-0.444 χ^2/NDF : 958.4/22

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: -86.008+/-0.636 χ^2/NDF : 216.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

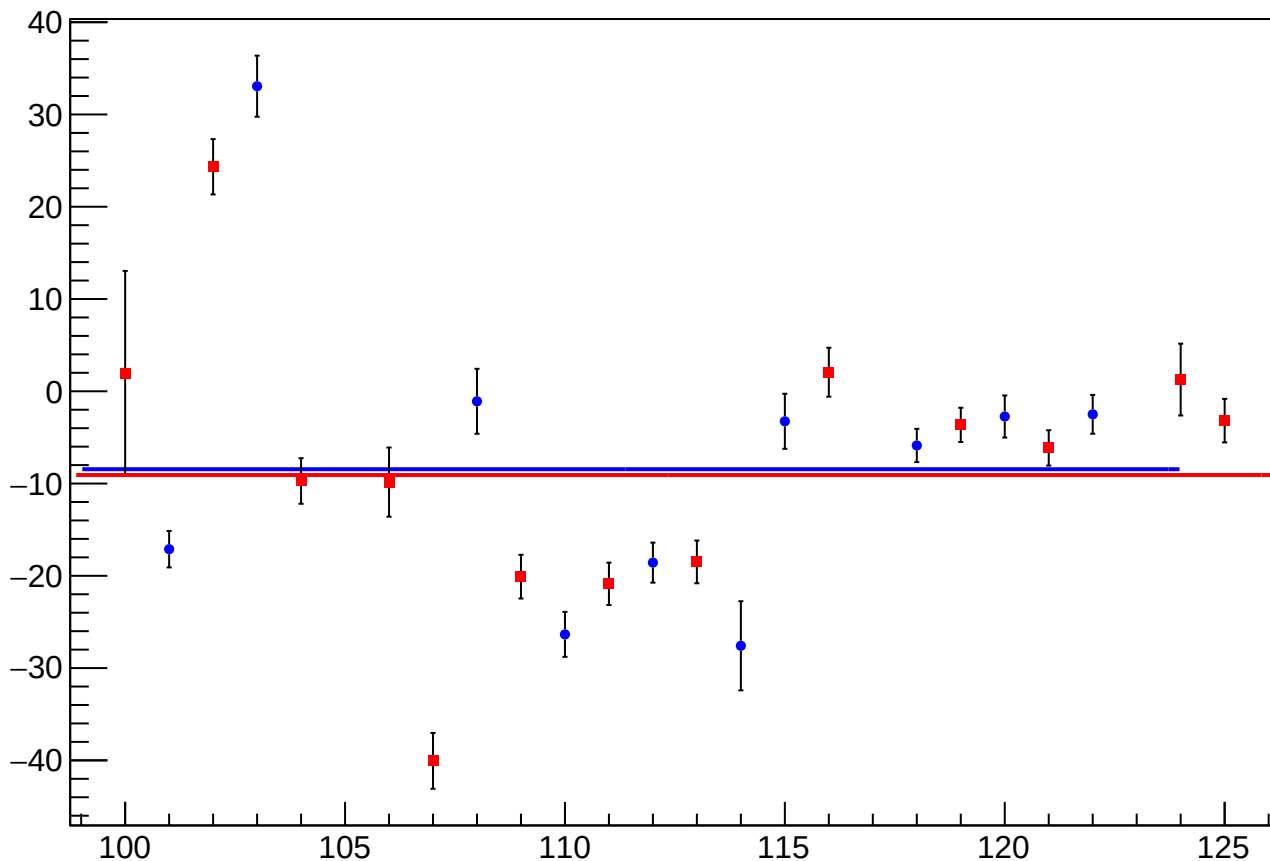
Right: -86.009+/-0.469 χ^2/NDF : 240.6/22

In: -86.009+/-0.694 χ^2/NDF : 24.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -86.009+/-0.469 χ^2/NDF : 240.6/22

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -8.449+/-0.769 χ^2 /NDF: 291.7/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -9.074+/-0.713 χ^2 /NDF: 336.7/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

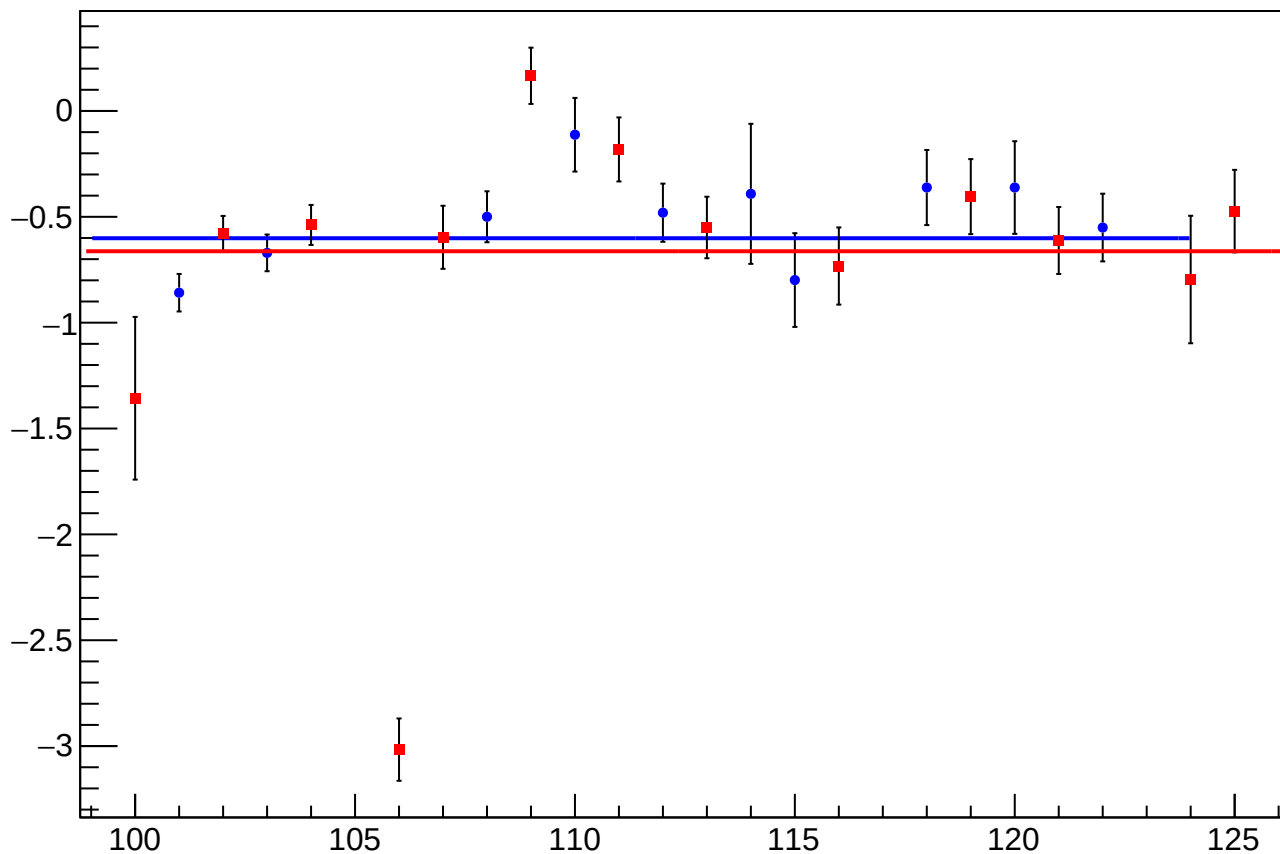
Right: -8.785+/-0.523 χ^2 /NDF: 628.7/22

In: -8.449+/-0.769 χ^2 /NDF:291.7/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -8.785+/-0.523 χ^2 /NDF: 628.7/22

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: -0.663 $\pm$ 0.040 χ^2 /NDF: 314.9/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

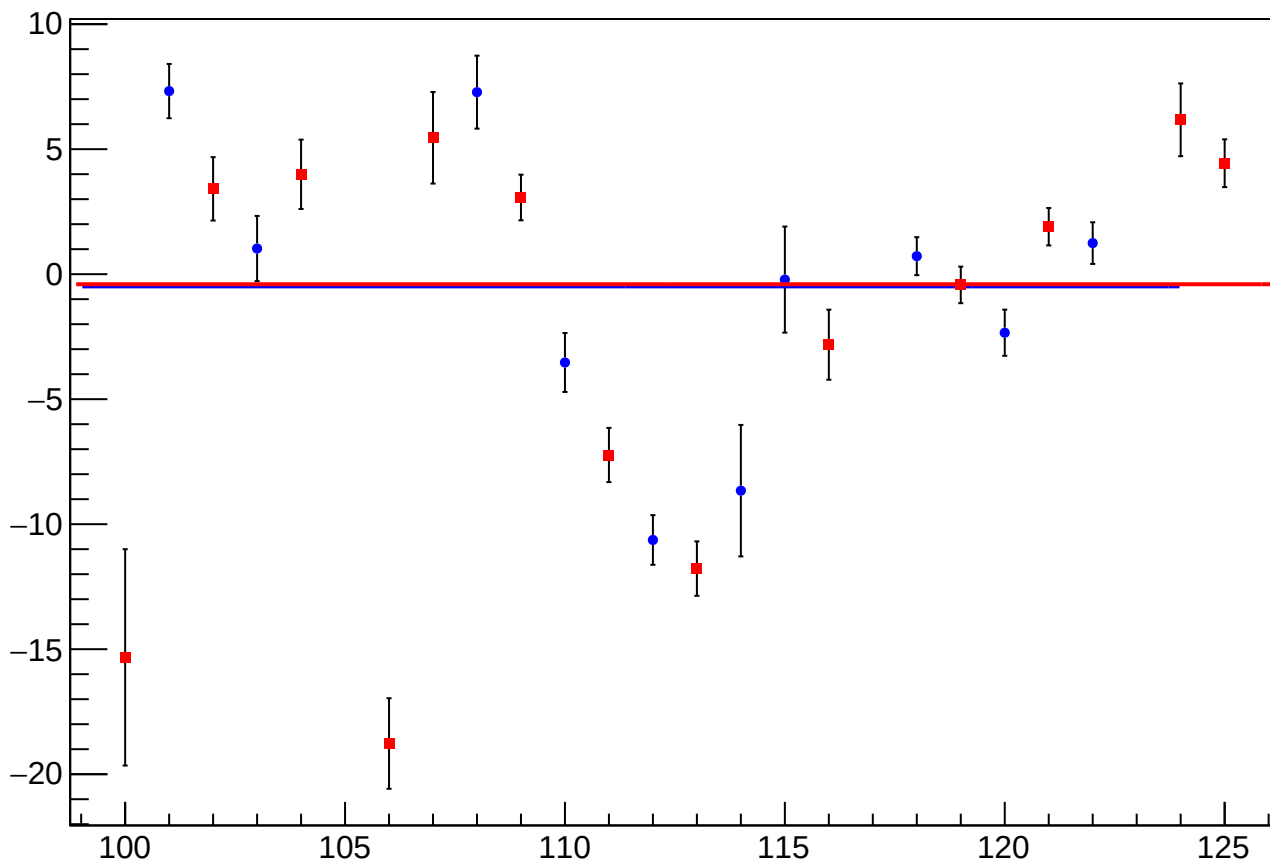
Right: -0.634 $\pm$ 0.029 χ^2 /NDF: 338.8/22

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: -0.634 $\pm$ 0.029 χ^2 /NDF: 338.8/22

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.488 ± 0.346 χ^2/NDF : 213.1/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.403 ± 0.310 χ^2/NDF : 366.1/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

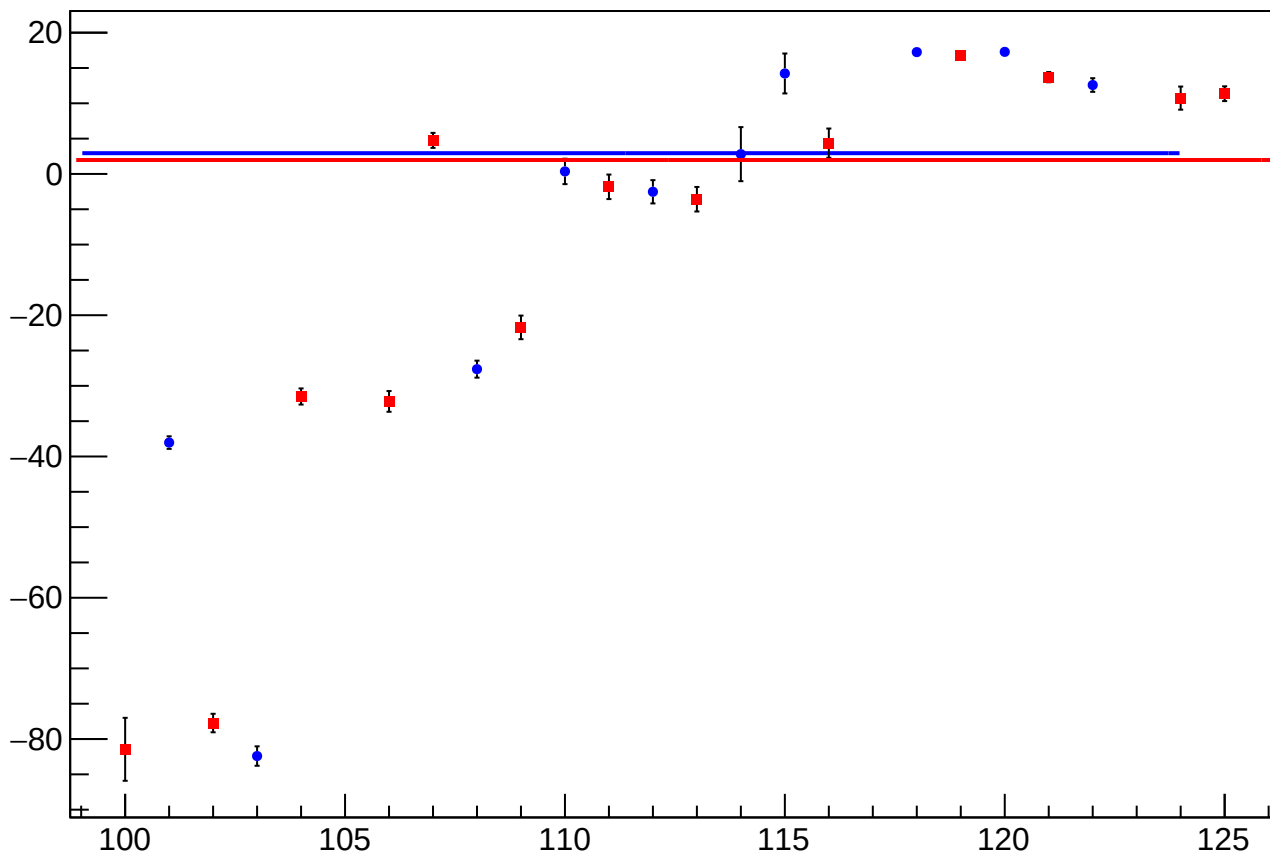
Right: -0.441 ± 0.231 χ^2/NDF : 579.2/22

In: -0.488 ± 0.346 χ^2/NDF : 213.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.441 ± 0.231 χ^2/NDF : 579.2/22

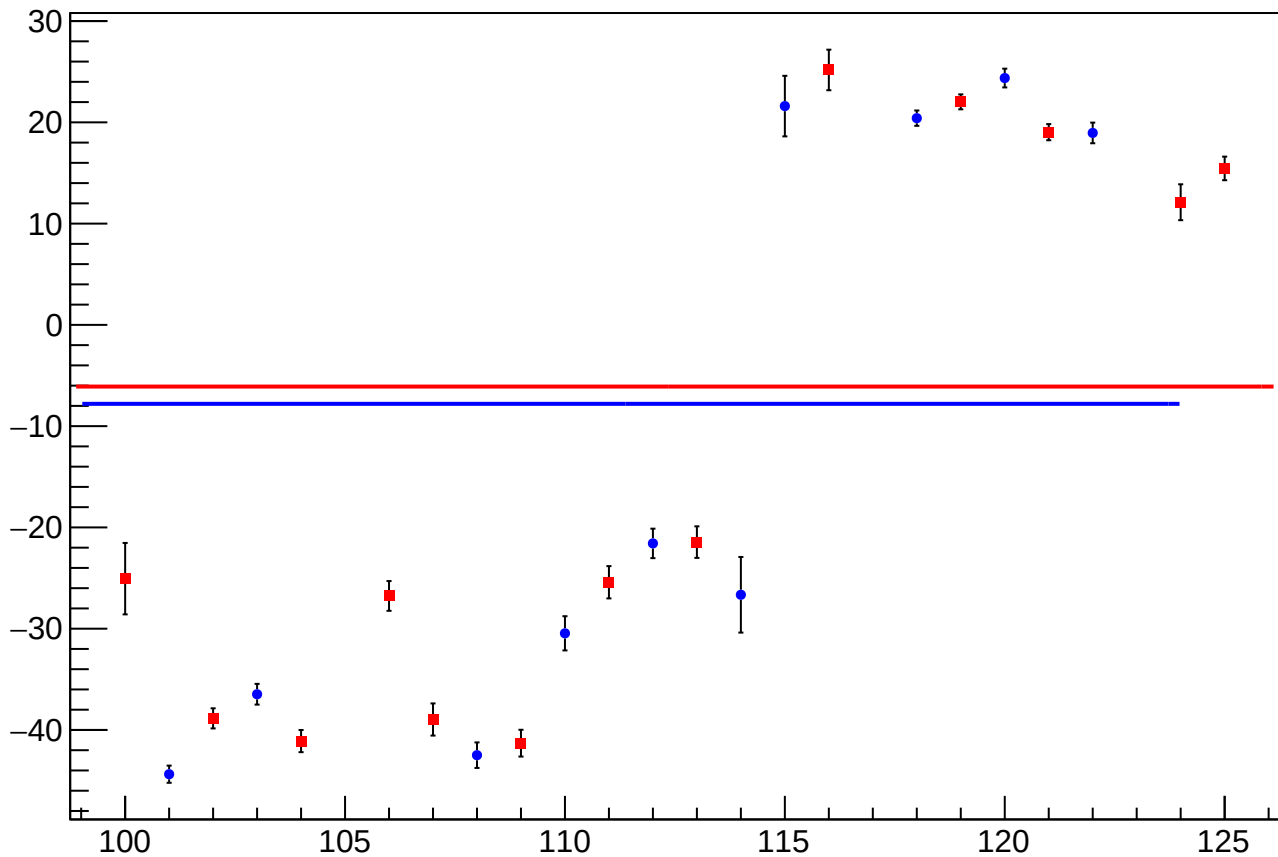
reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.940 $\pm$ 0.288 χ^2 /NDF: 8307.0/9
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 1.975 $\pm$ 0.292 χ^2 /NDF: 7036.0/12
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 2.464 $\pm$ 0.205 χ^2 /NDF: 15348.6/22
 In: 2.940 $\pm$ 0.288 χ^2 /NDF:8307.0/9
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 2.464 $\pm$ 0.205 χ^2 /NDF: 15348.6/22

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: -6.091+/-0.336 χ^2/NDF : 6855.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

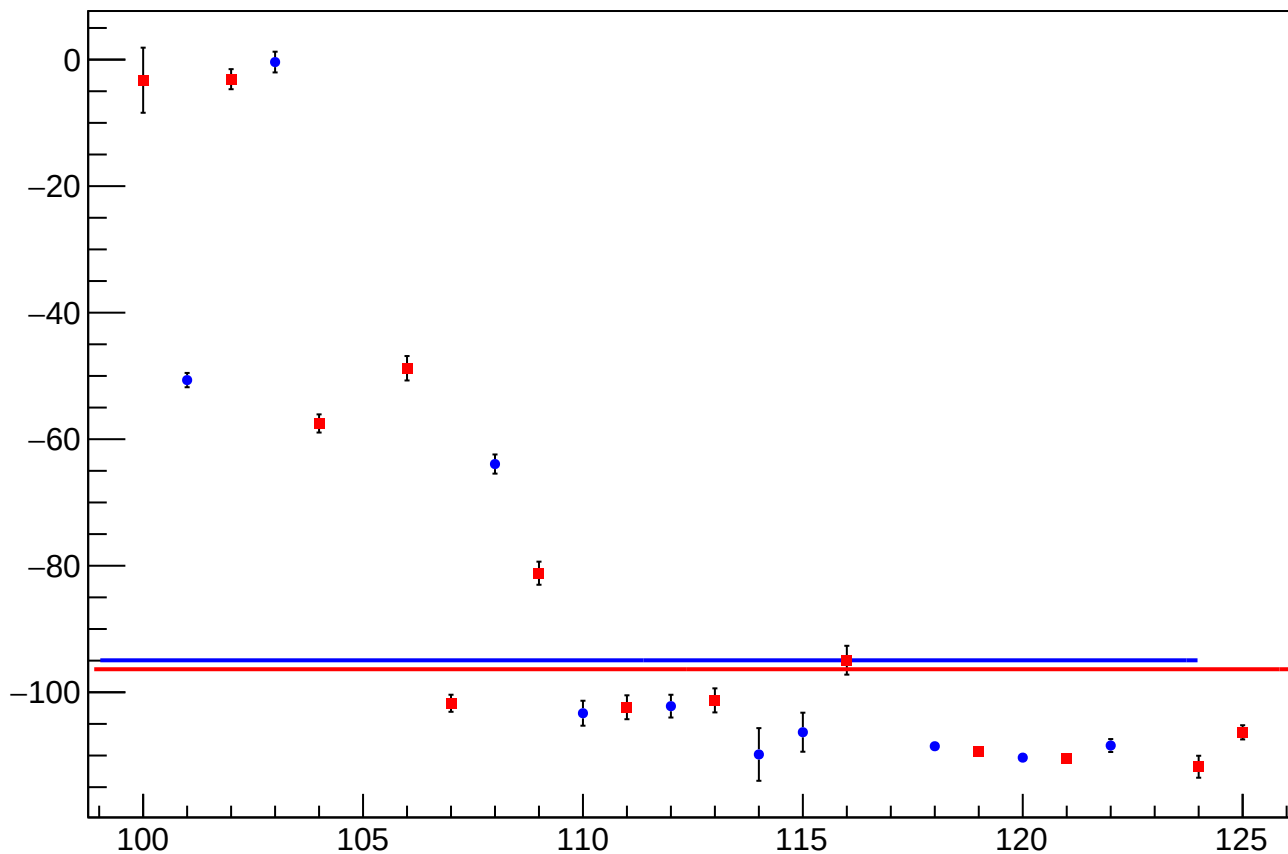
Right: -6.891+/-0.244 χ^2/NDF : 13946.3/22

In: -7.796+/-0.357 χ^2/NDF :7078.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.891+/-0.244 χ^2/NDF : 13946.3/22

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: -96.360+/-0.348 χ^2/NDF : 6161.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

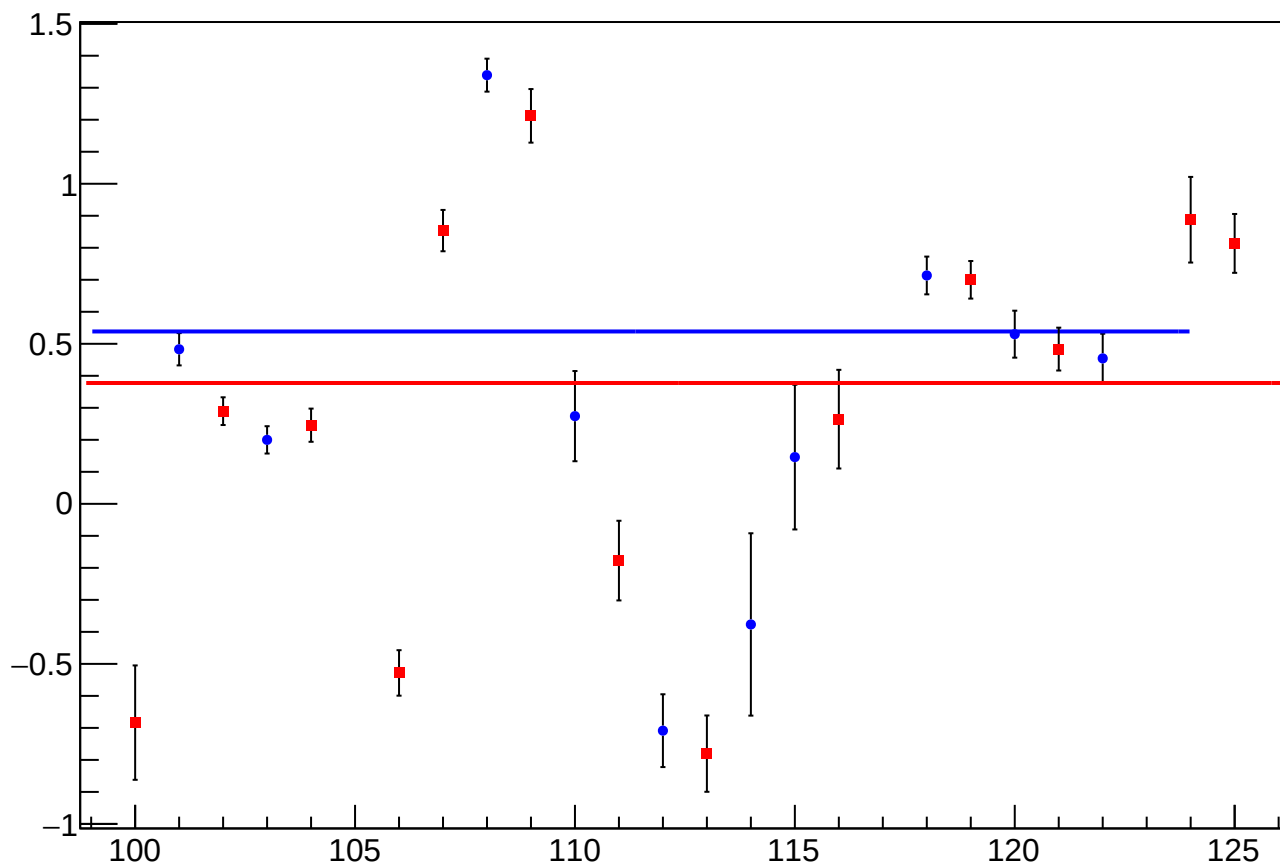
Right: -95.675+/-0.250 χ^2/NDF : 12602.7/22

In: -94.948+/-0.359 χ^2/NDF :6433.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -95.675+/-0.250 χ^2/NDF : 12602.7/22

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: 0.378 $\pm$ 0.020 χ^2 /NDF: 546.7/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

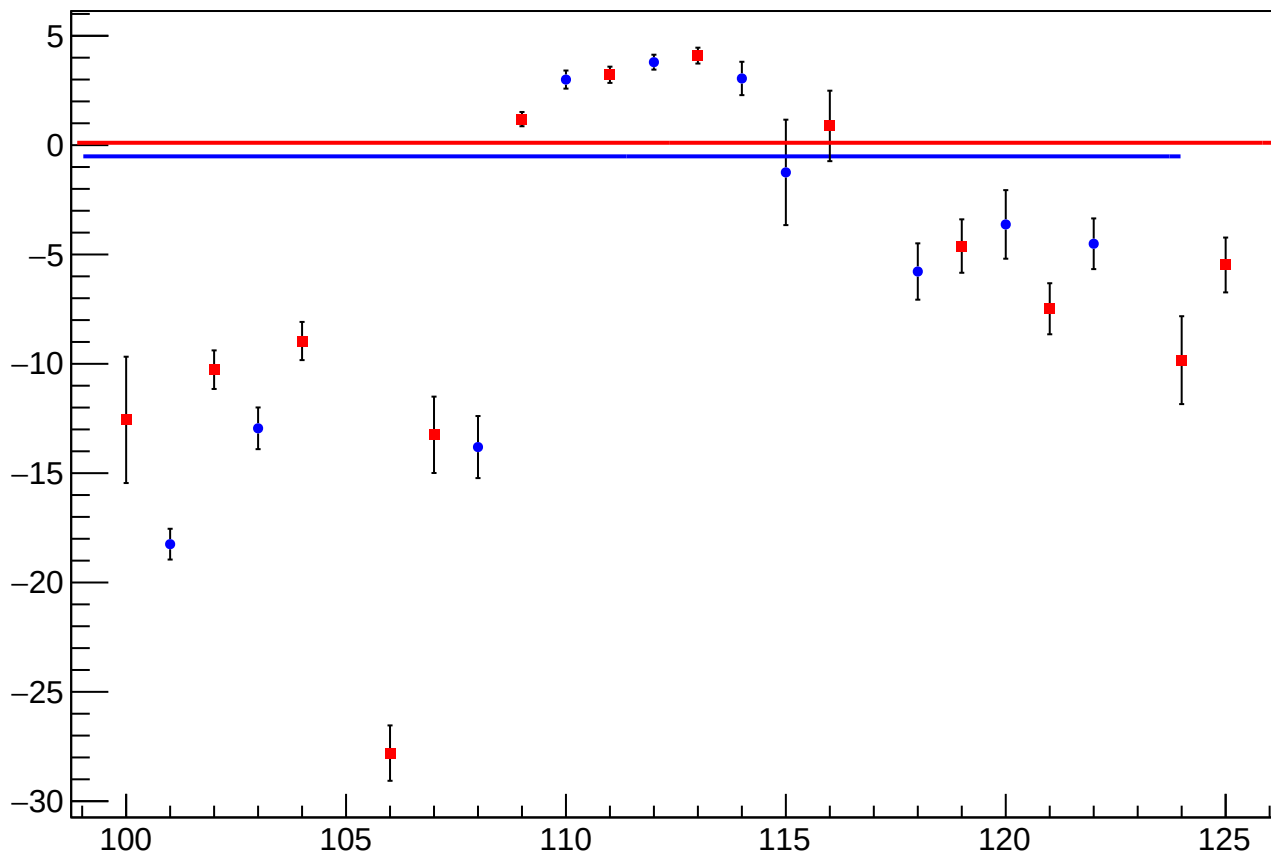
Right: 0.453 $\pm$ 0.015 χ^2 /NDF: 1028.8/22

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: 0.453 $\pm$ 0.015 χ^2 /NDF: 1028.8/22

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: 0.109+/-0.181 χ^2 /NDF: 1113.2/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

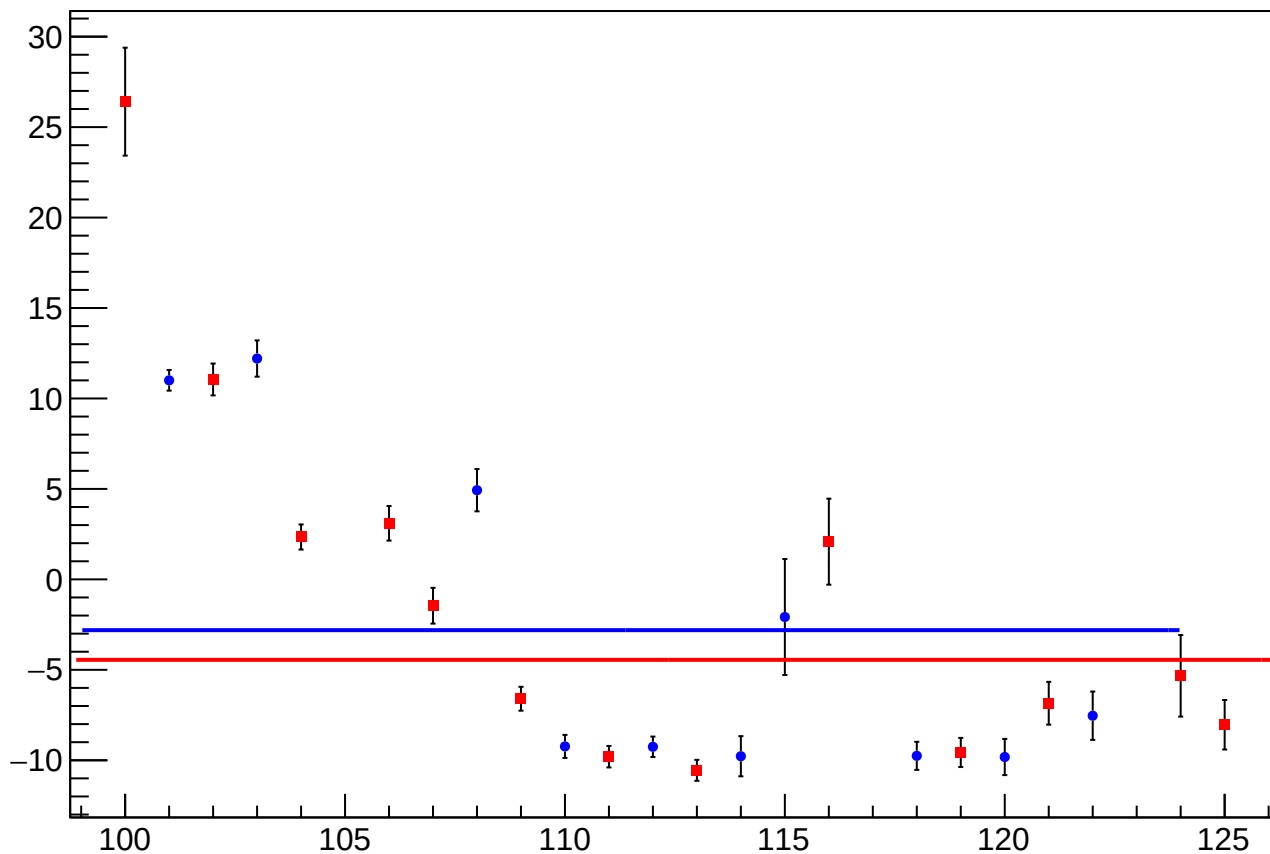
Right: -0.149+/-0.138 χ^2 /NDF: 2297.0/22

In: -0.513+/-0.215 χ^2 /NDF:1178.9/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.149+/-0.138 χ^2 /NDF: 2297.0/22

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: -4.448+/-0.243 χ^2/NDF : 846.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

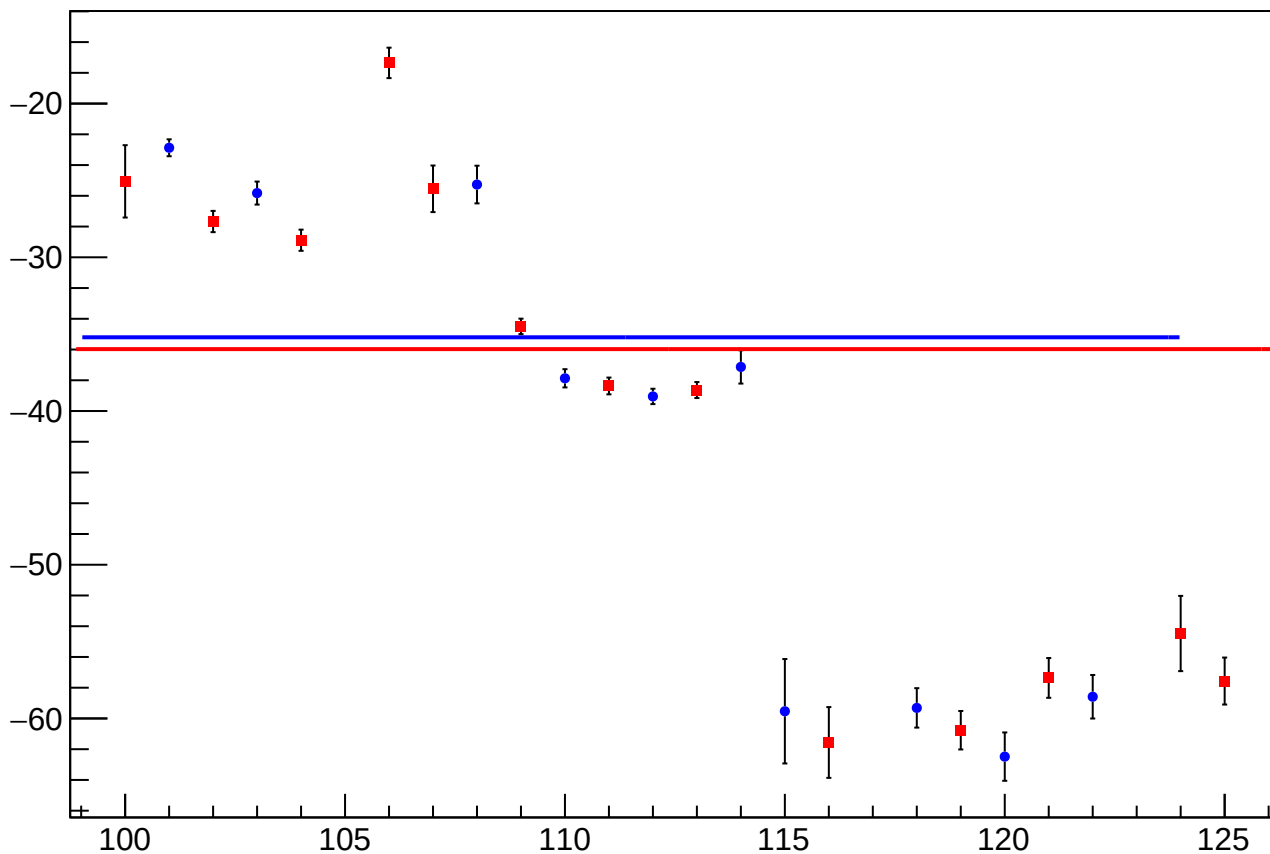
Right: -3.689+/-0.178 χ^2/NDF : 2132.2/22

In: -2.807+/-0.262 χ^2/NDF : 1264.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.689+/-0.178 χ^2/NDF : 2132.2/22

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -35.204 ± 0.258 $\chi^2/\text{NDF}: 1785.9/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -35.973 ± 0.230 $\chi^2/\text{NDF}: 1773.0/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

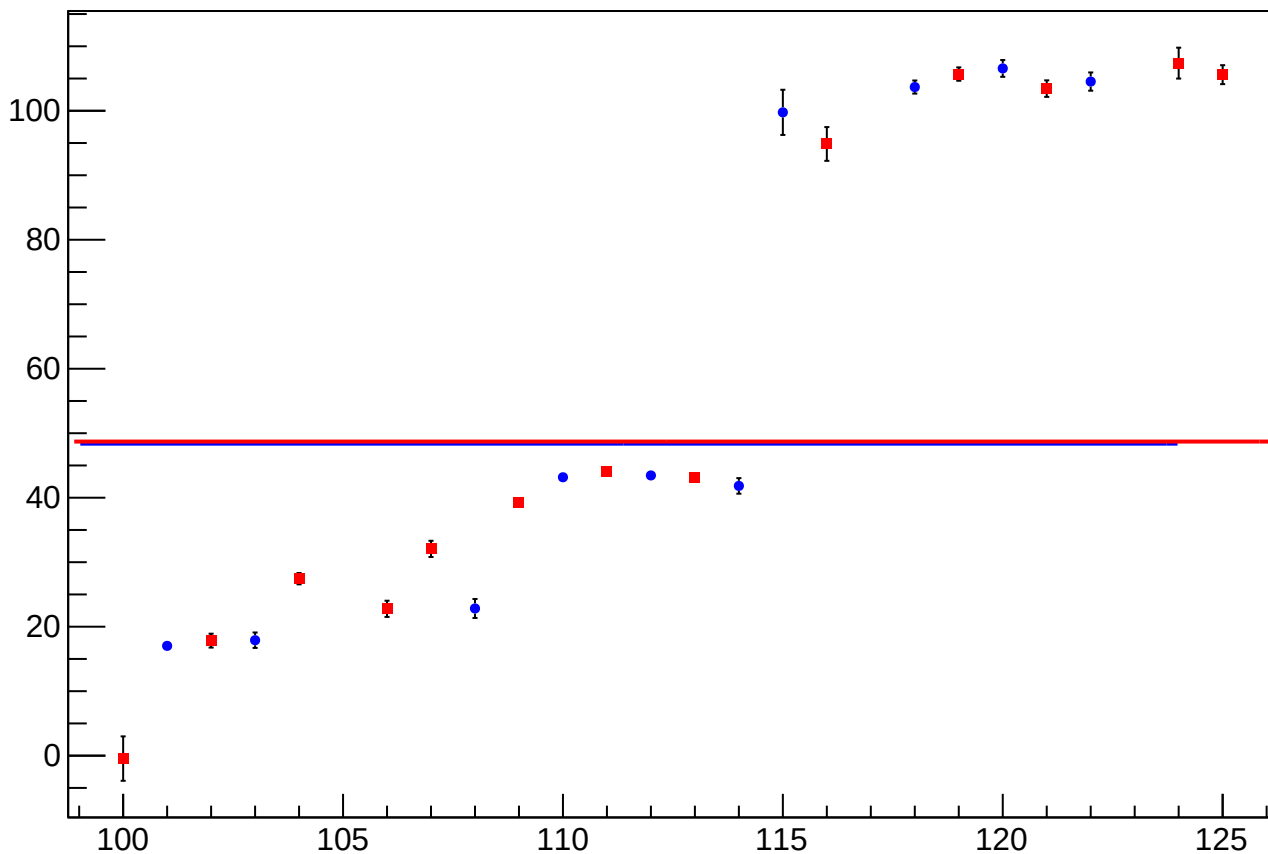
Right: -35.631 ± 0.172 $\chi^2/\text{NDF}: 3563.8/22$

In: -35.204 ± 0.258 $\chi^2/\text{NDF}: 1785.9/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -35.631 ± 0.172 $\chi^2/\text{NDF}: 3563.8/22$

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: 48.707+/-0.280 χ^2/NDF : 9801.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

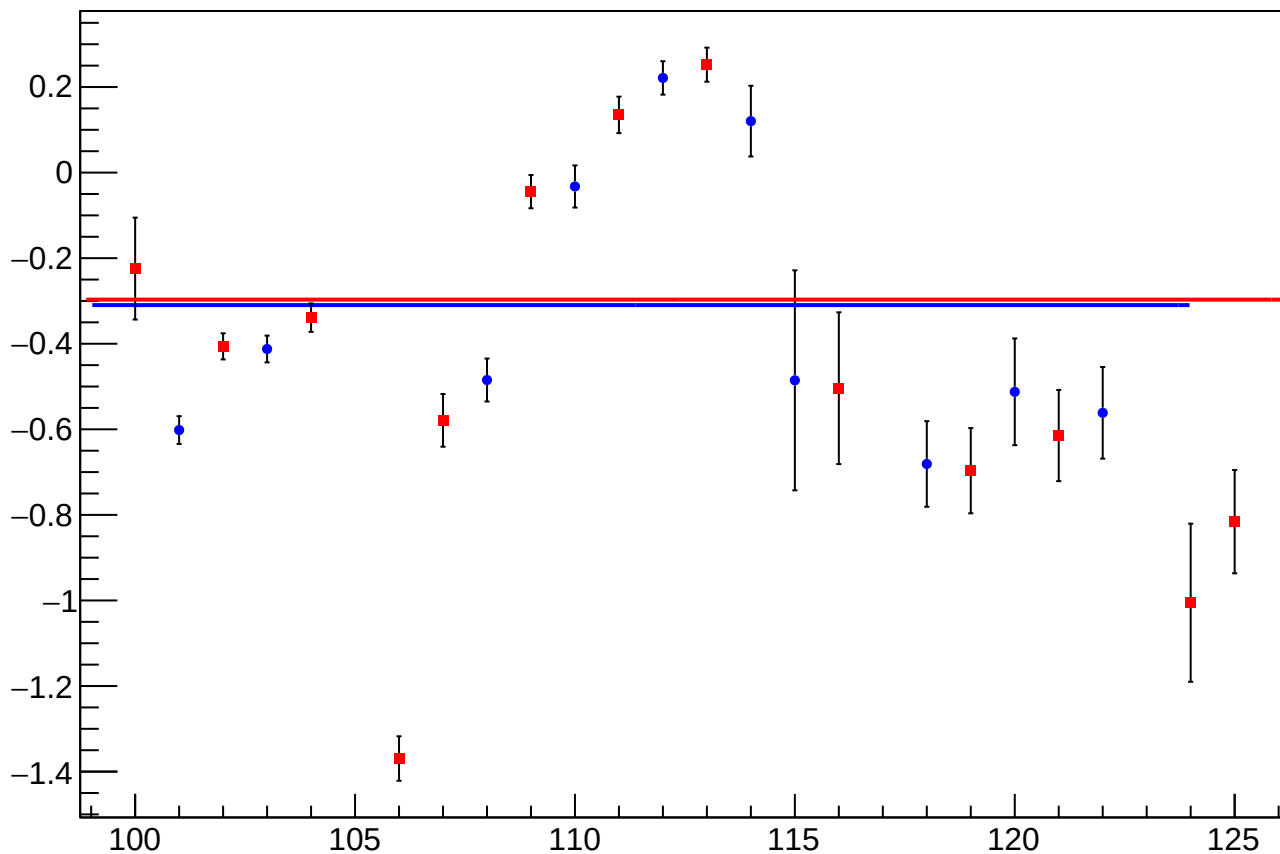
Right: 48.561+/-0.207 χ^2/NDF : 19513.8/22

In: 48.384+/-0.308 χ^2/NDF : 9711.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.561+/-0.207 χ^2/NDF : 19513.8/22

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: -0.297+/-0.014 χ^2 /NDF: 855.5/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

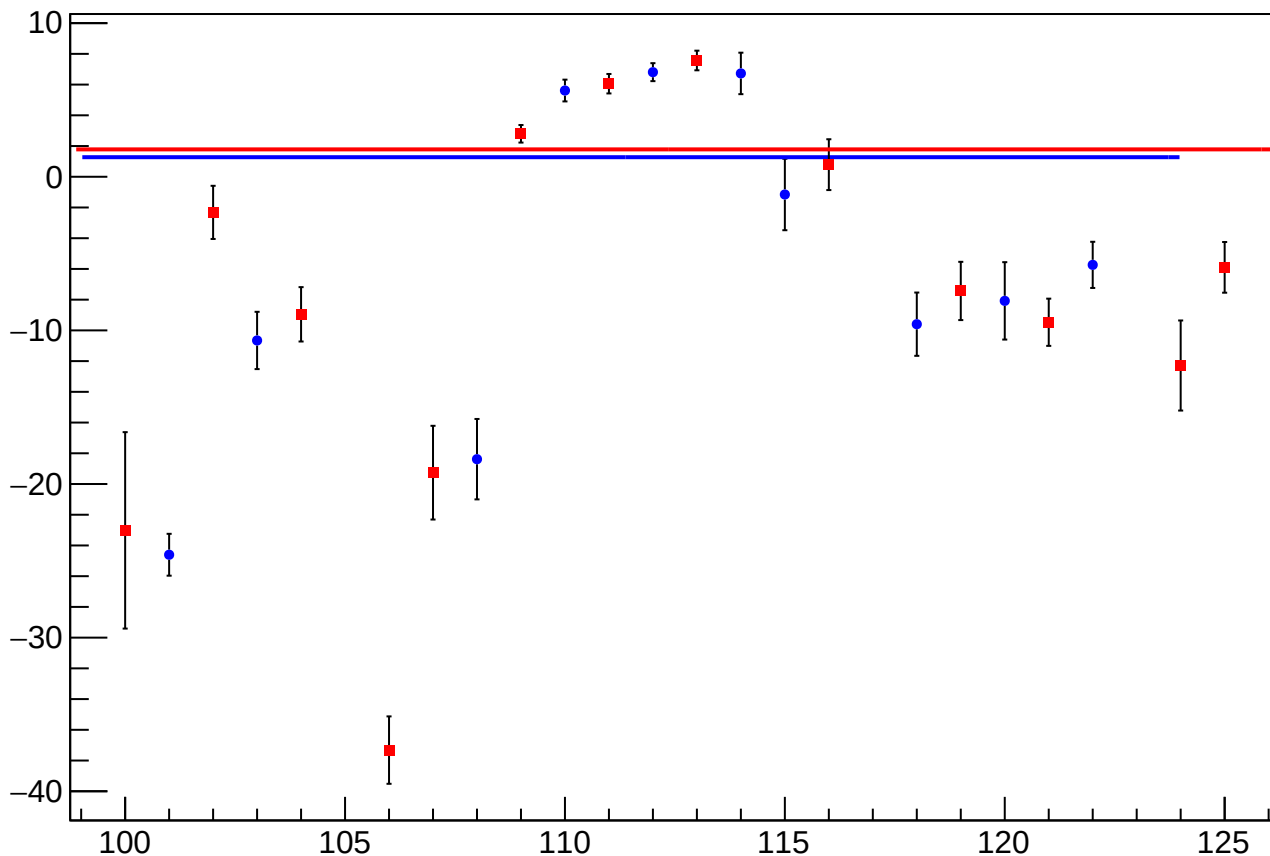
Right: -0.303+/-0.011 χ^2 /NDF: 1225.4/22

In: -0.310+/-0.016 χ^2 /NDF:369.5/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.303+/-0.011 χ^2 /NDF: 1225.4/22

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: 1.782+/-0.308 χ^2/NDF : 675.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

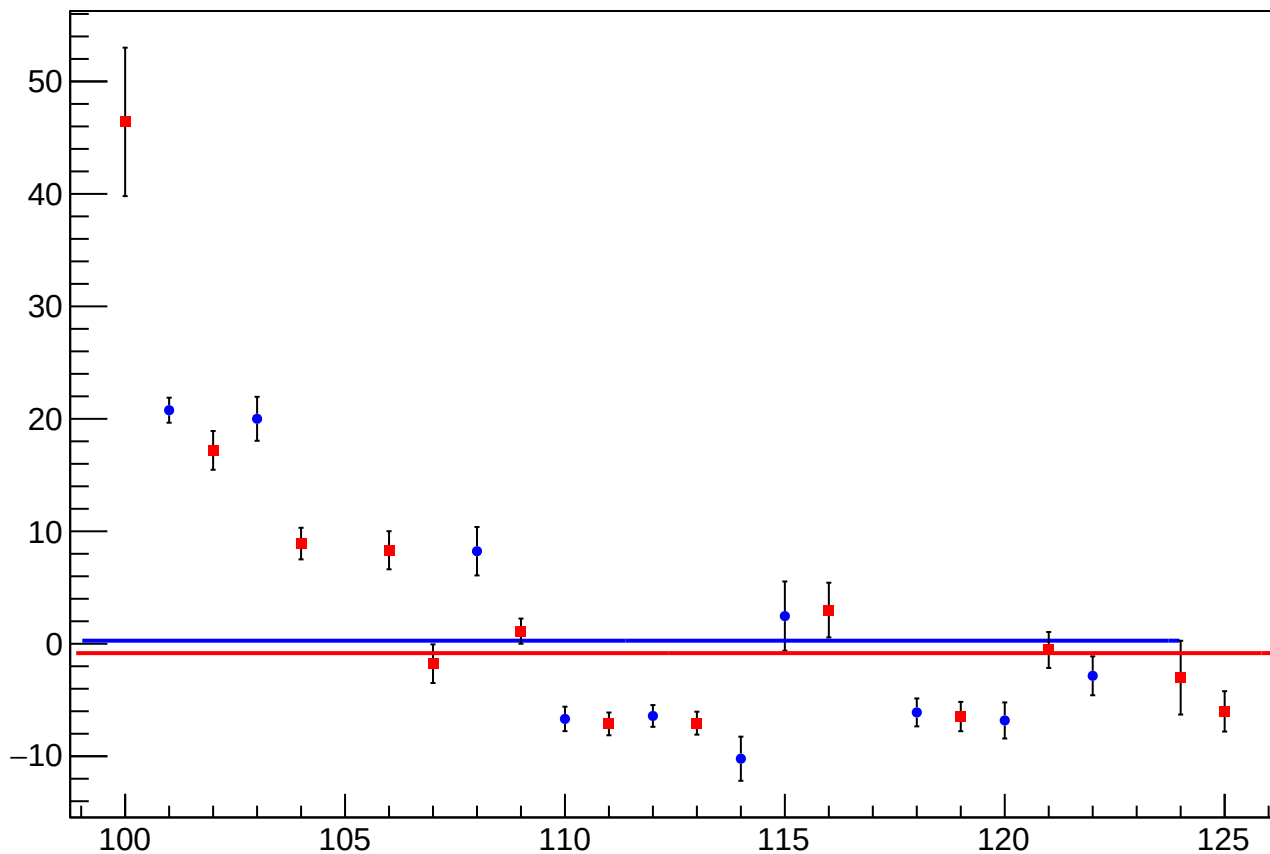
Right: 1.572+/-0.236 χ^2/NDF : 1343.0/22

In: 1.274+/-0.366 χ^2/NDF : 666.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.572+/-0.236 χ^2/NDF : 1343.0/22

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: -0.832+/-0.414 χ^2/NDF : 347.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

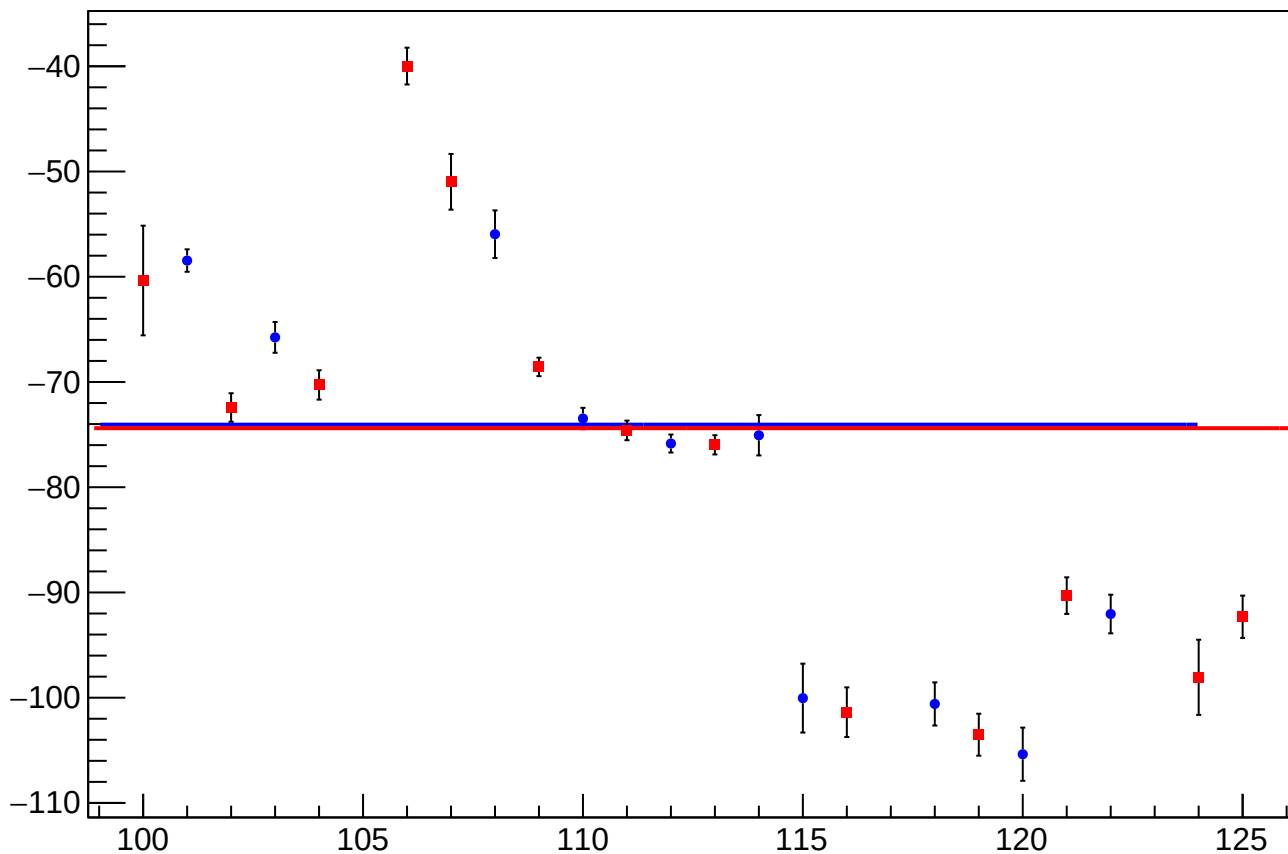
Right: -0.325+/-0.304 χ^2/NDF : 973.4/22

In: 0.275+/-0.450 χ^2/NDF :623.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.325+/-0.304 χ^2/NDF : 973.4/22

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -74.055+/-0.450 χ^2/NDF : 795.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -74.392+/-0.398 χ^2/NDF : 1081.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

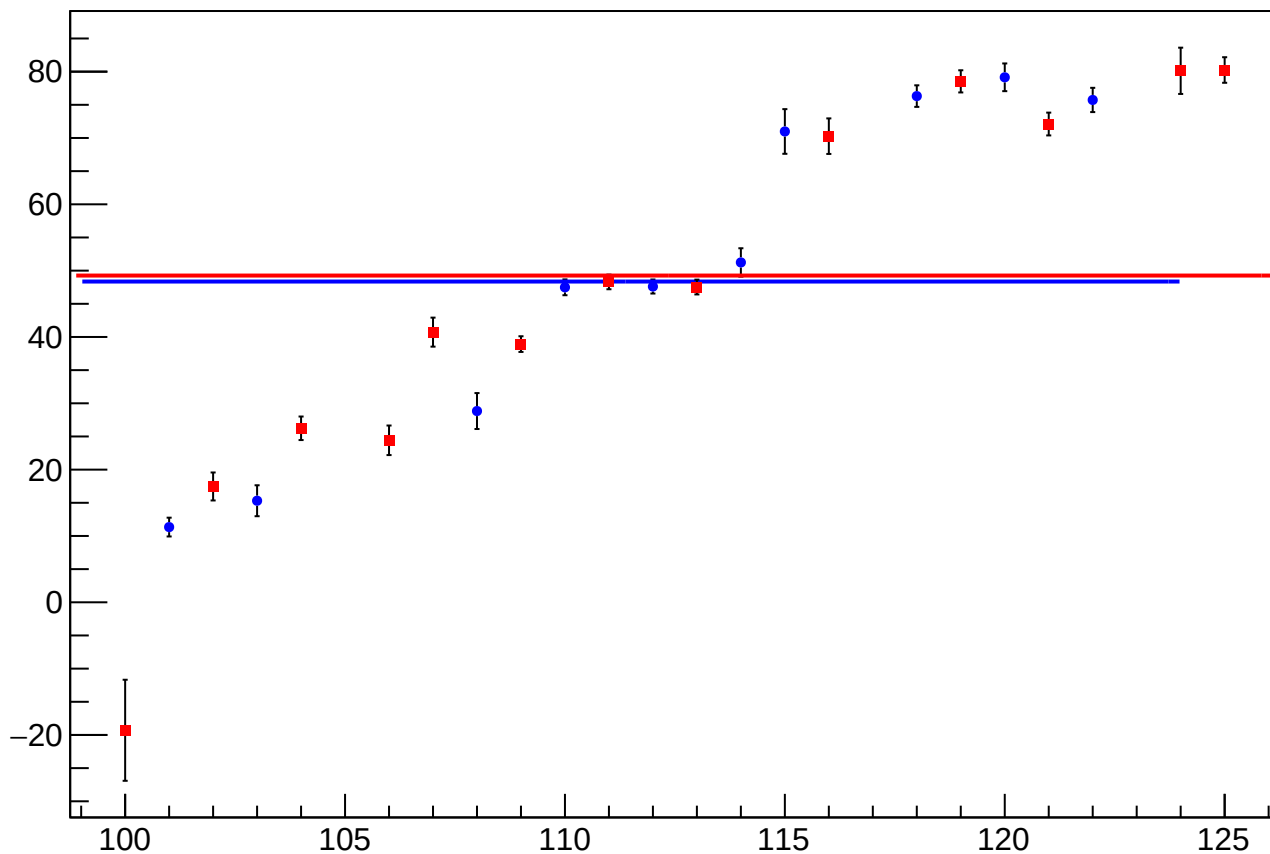
Right: -74.244+/-0.298 χ^2/NDF : 1877.7/22

In: -74.055+/-0.450 χ^2/NDF : 795.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -74.244+/-0.298 χ^2/NDF : 1877.7/22

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: 49.259+/-0.471 χ^2/NDF : 1578.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

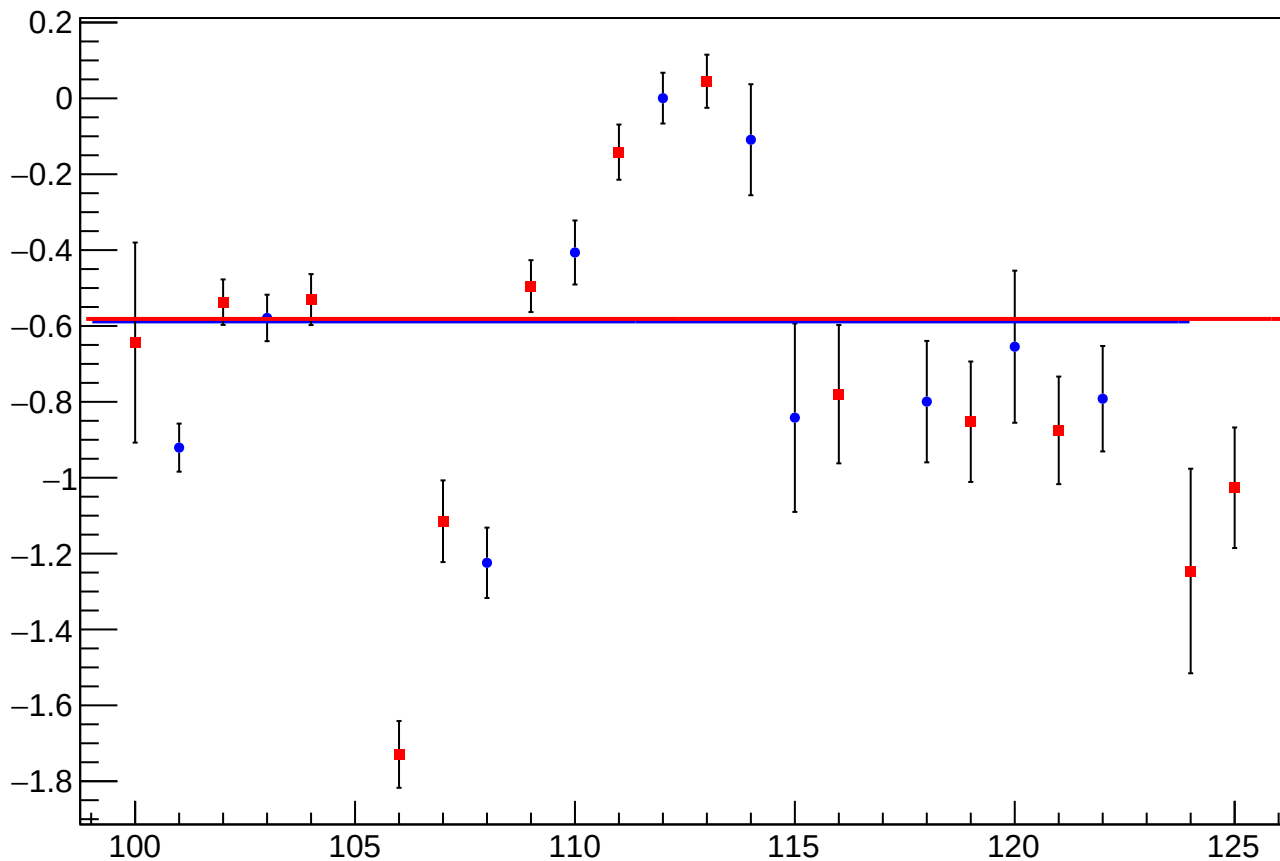
Right: 48.856+/-0.351 χ^2/NDF : 3300.1/22

In: 48.357+/-0.525 χ^2/NDF : 1720.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.856+/-0.351 χ^2/NDF : 3300.1/22

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: -0.581+/-0.026 χ^2/NDF : 336.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

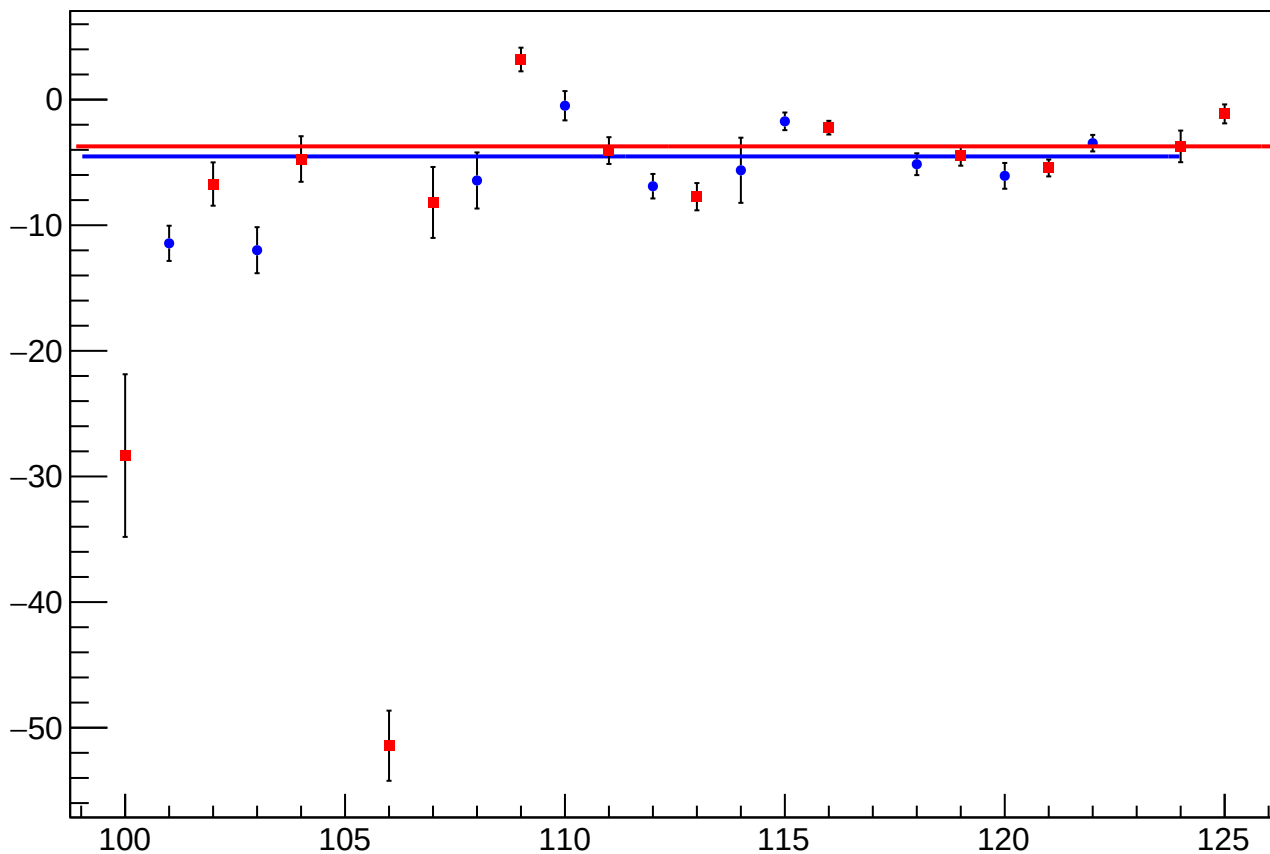
Right: -0.584+/-0.019 χ^2/NDF : 508.5/22

In: -0.588+/-0.029 χ^2/NDF : 172.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.584+/-0.019 χ^2/NDF : 508.5/22

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.523 ± 0.323 $\chi^2/\text{NDF}: 81.0/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -3.722 ± 0.273 $\chi^2/\text{NDF}: 406.7/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

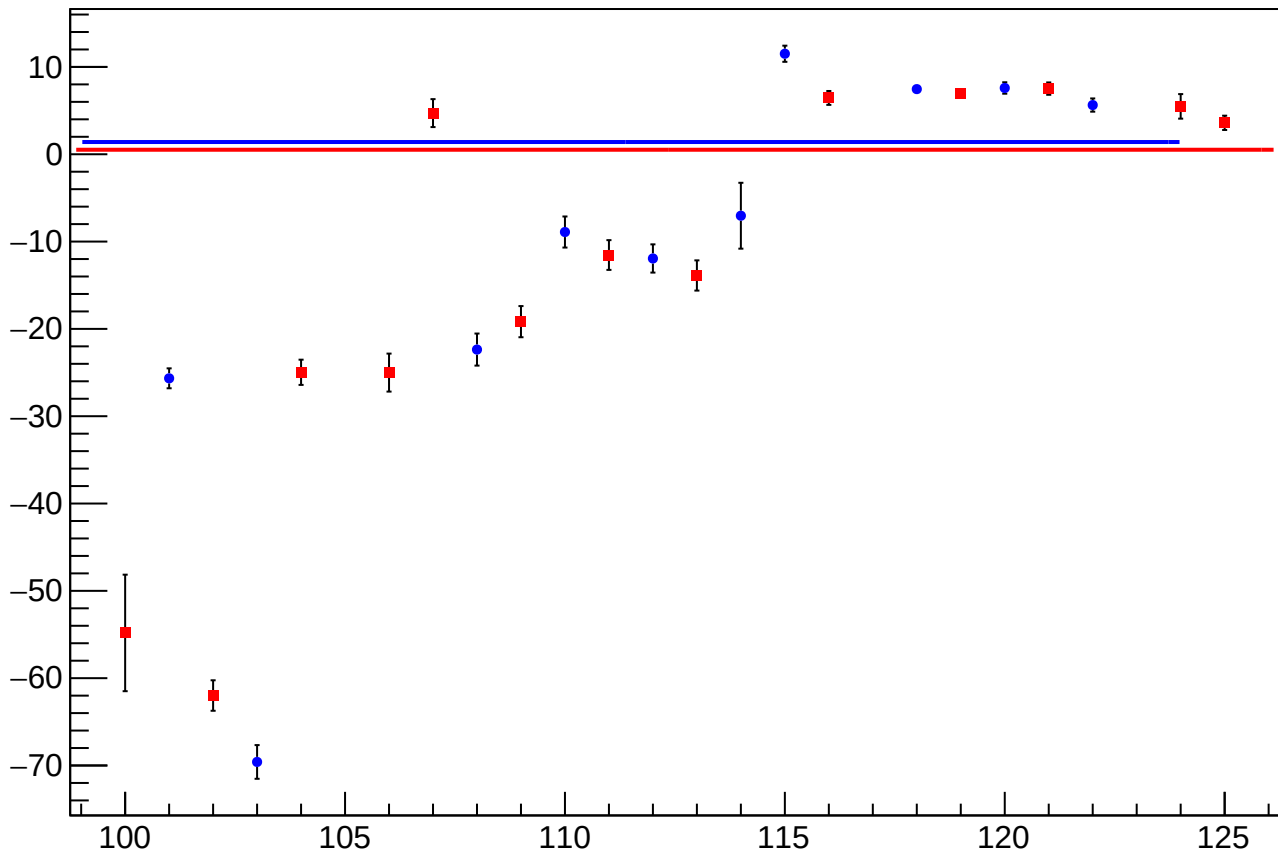
Right: -4.055 ± 0.209 $\chi^2/\text{NDF}: 491.2/22$

In: -4.523 ± 0.323 $\chi^2/\text{NDF}: 81.0/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -4.055 ± 0.209 $\chi^2/\text{NDF}: 491.2/22$

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: 0.517+/-0.296 χ^2/NDF : 2373.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

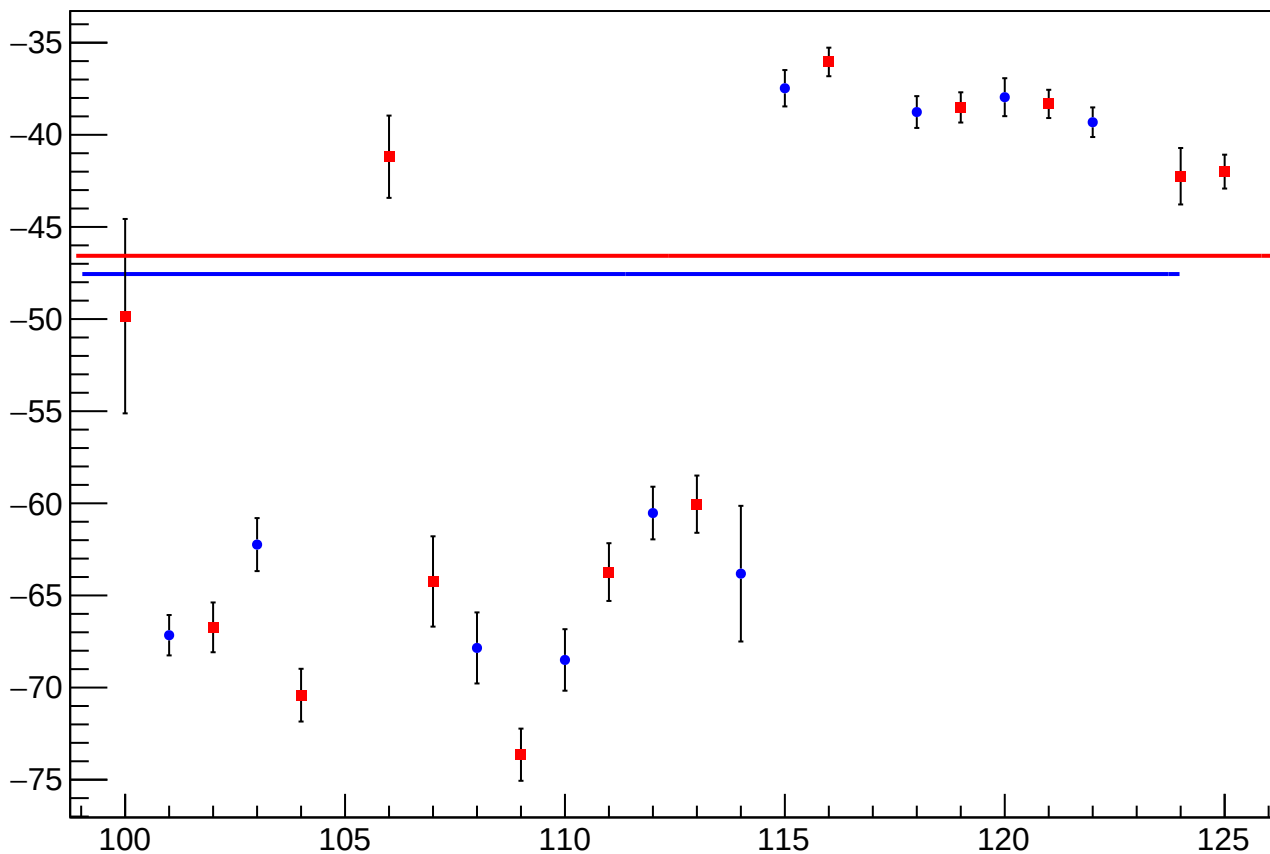
Right: 0.950+/-0.211 χ^2/NDF : 4941.9/22

In: 1.401+/-0.301 χ^2/NDF :2564.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.950+/-0.211 χ^2/NDF : 4941.9/22

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: -46.566+/-0.329 χ^2/NDF : 1548.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

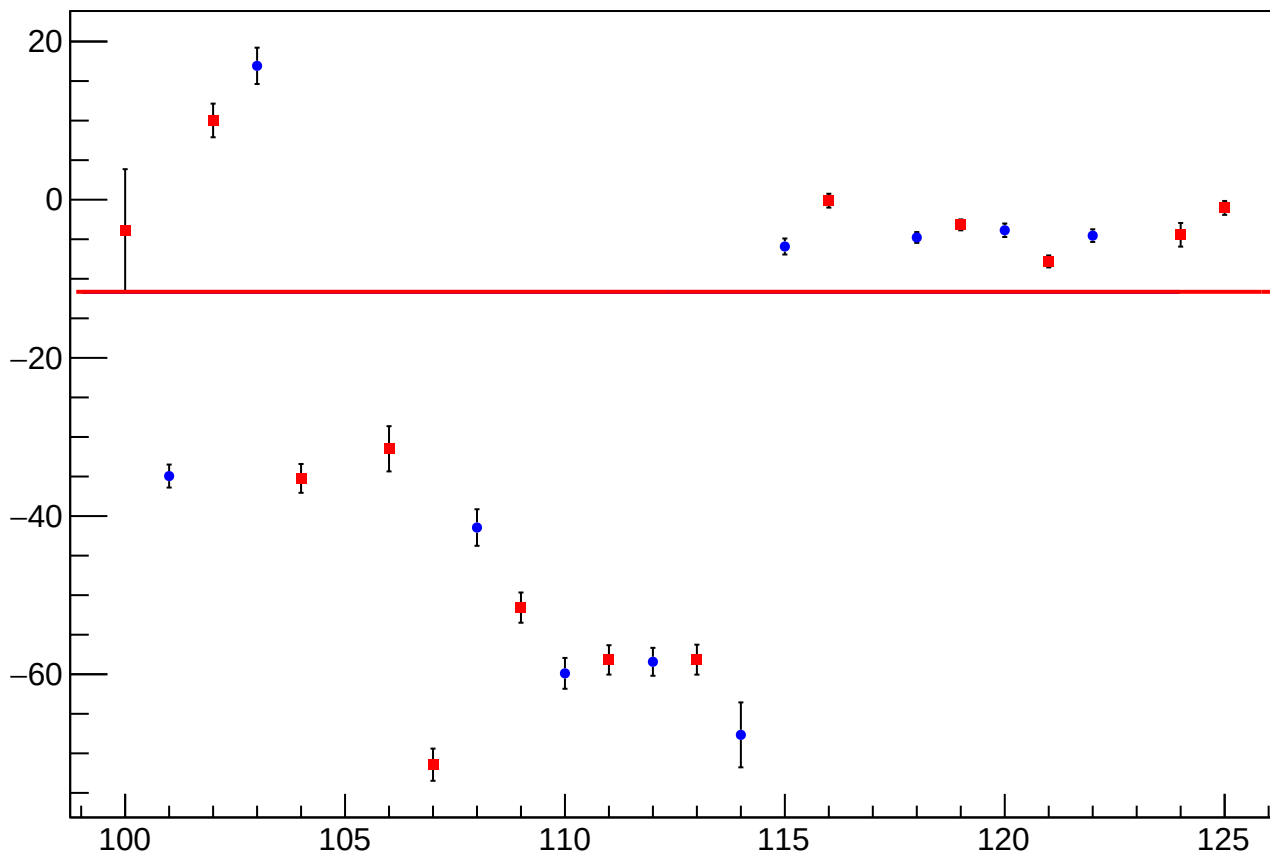
Right: -47.006+/-0.246 χ^2/NDF : 2746.8/22

In: -47.557+/-0.368 χ^2/NDF : 1194.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.006+/-0.246 χ^2/NDF : 2746.8/22

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -11.664+/-0.364 χ^2/NDF : 2372.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.647+/-0.340 χ^2/NDF : 3369.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

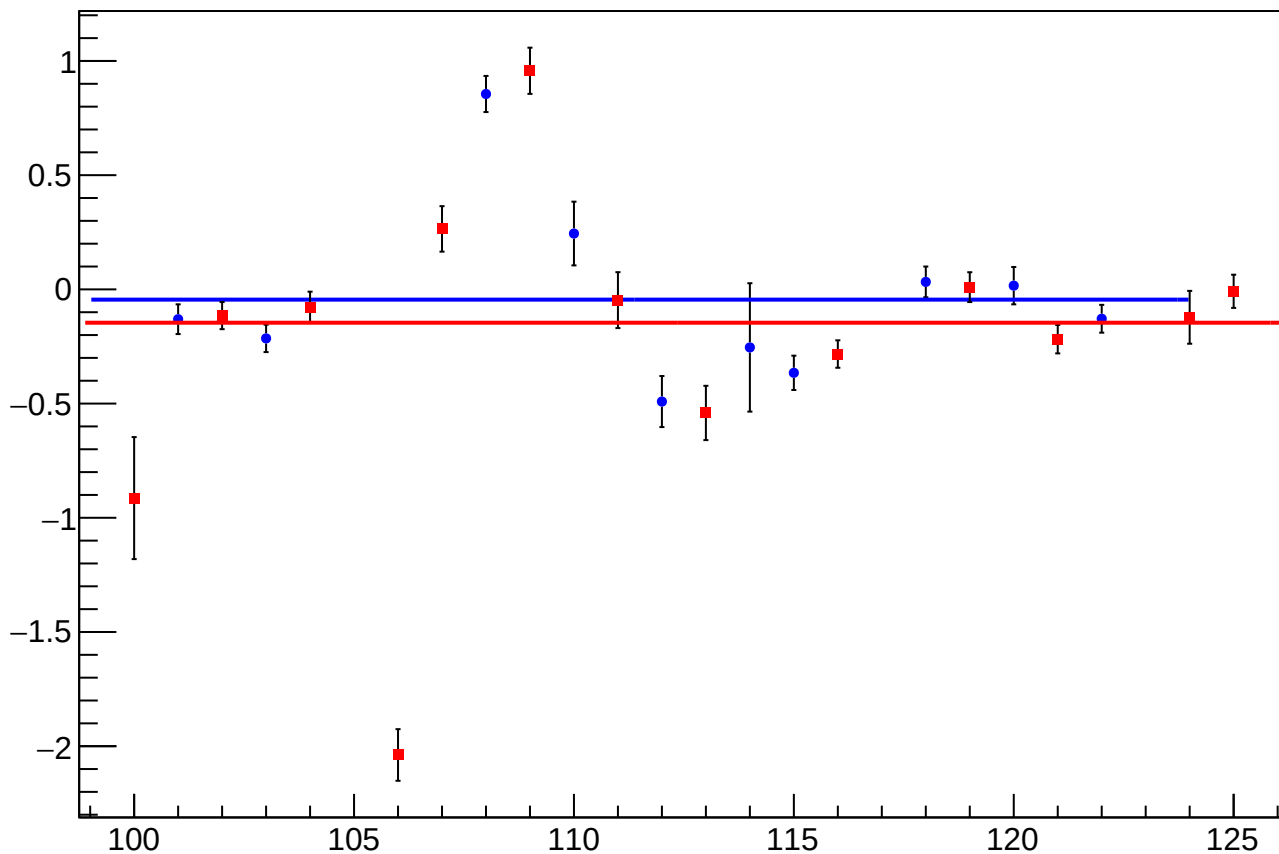
Right: -11.655+/-0.249 χ^2/NDF : 5741.6/22

In: -11.664+/-0.364 χ^2/NDF : 2372.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.655+/-0.249 χ^2/NDF : 5741.6/22

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.045+/-0.025 χ^2/NDF : 182.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.146+/-0.023 χ^2/NDF : 453.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

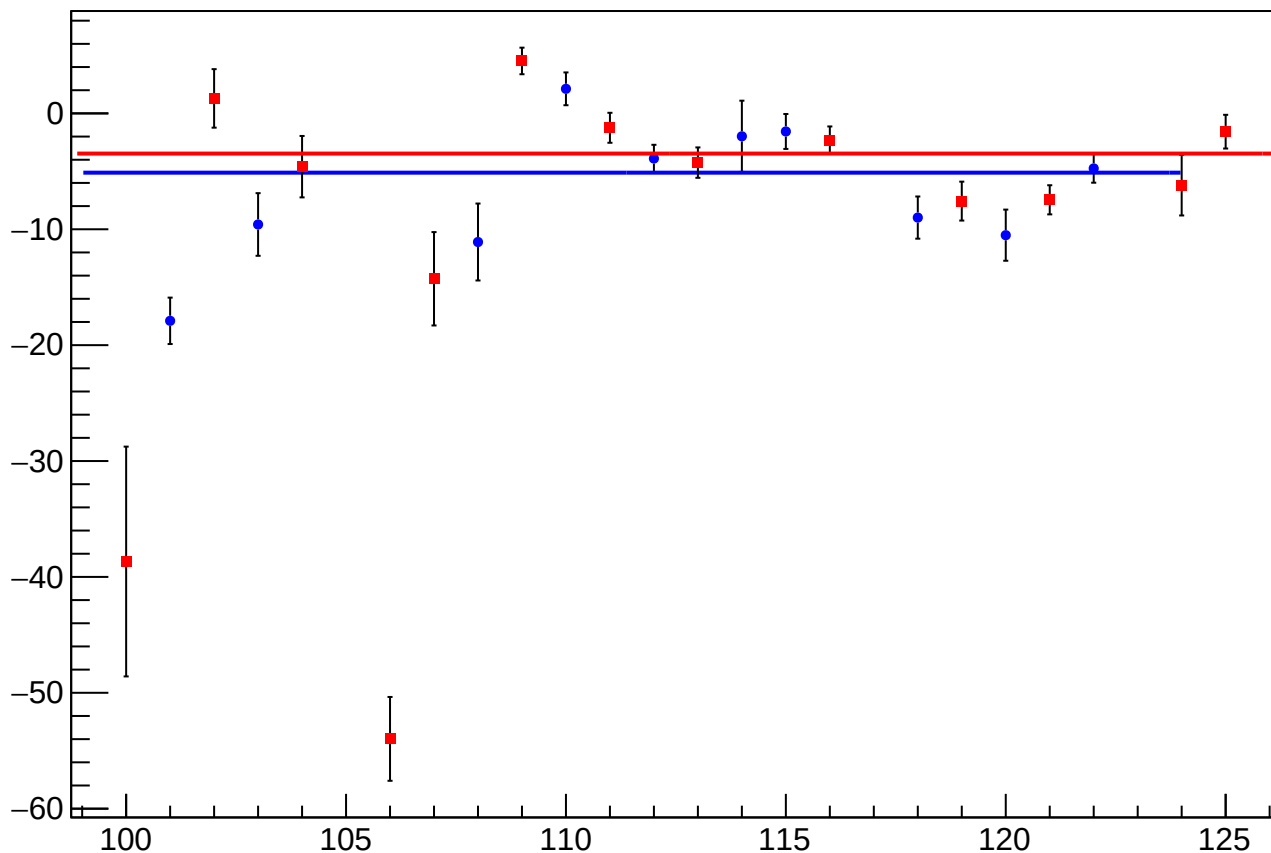
Right: -0.100+/-0.017 χ^2/NDF : 644.4/22

In: -0.045+/-0.025 χ^2/NDF : 182.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.100+/-0.017 χ^2/NDF : 644.4/22

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: -3.467 ± 0.461 χ^2/NDF : 290.2/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

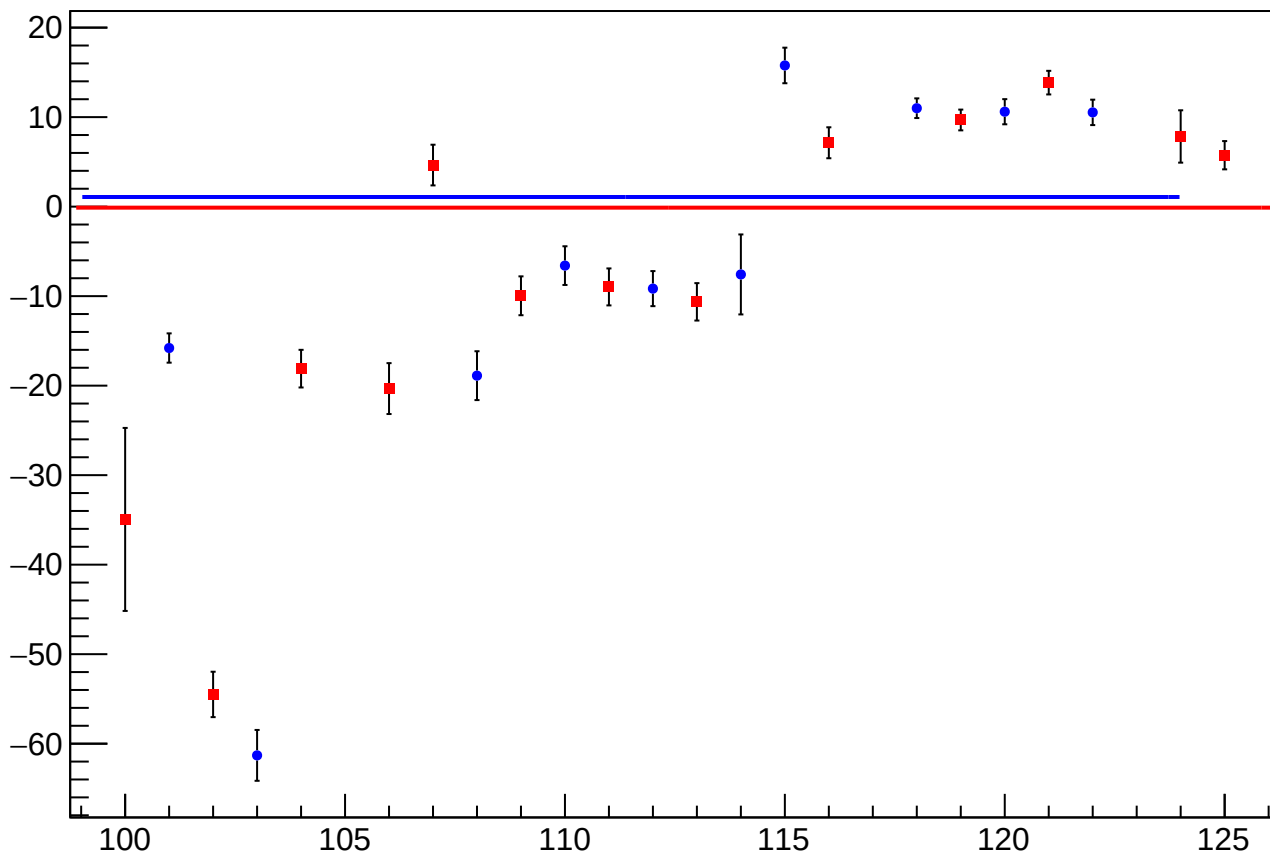
Right: -4.158 ± 0.351 χ^2/NDF : 386.7/22

In: -5.115 ± 0.542 χ^2/NDF : 91.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.158 ± 0.351 χ^2/NDF : 386.7/22

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.076+/-0.555 χ^2/NDF : 912.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.114+/-0.530 χ^2/NDF : 886.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

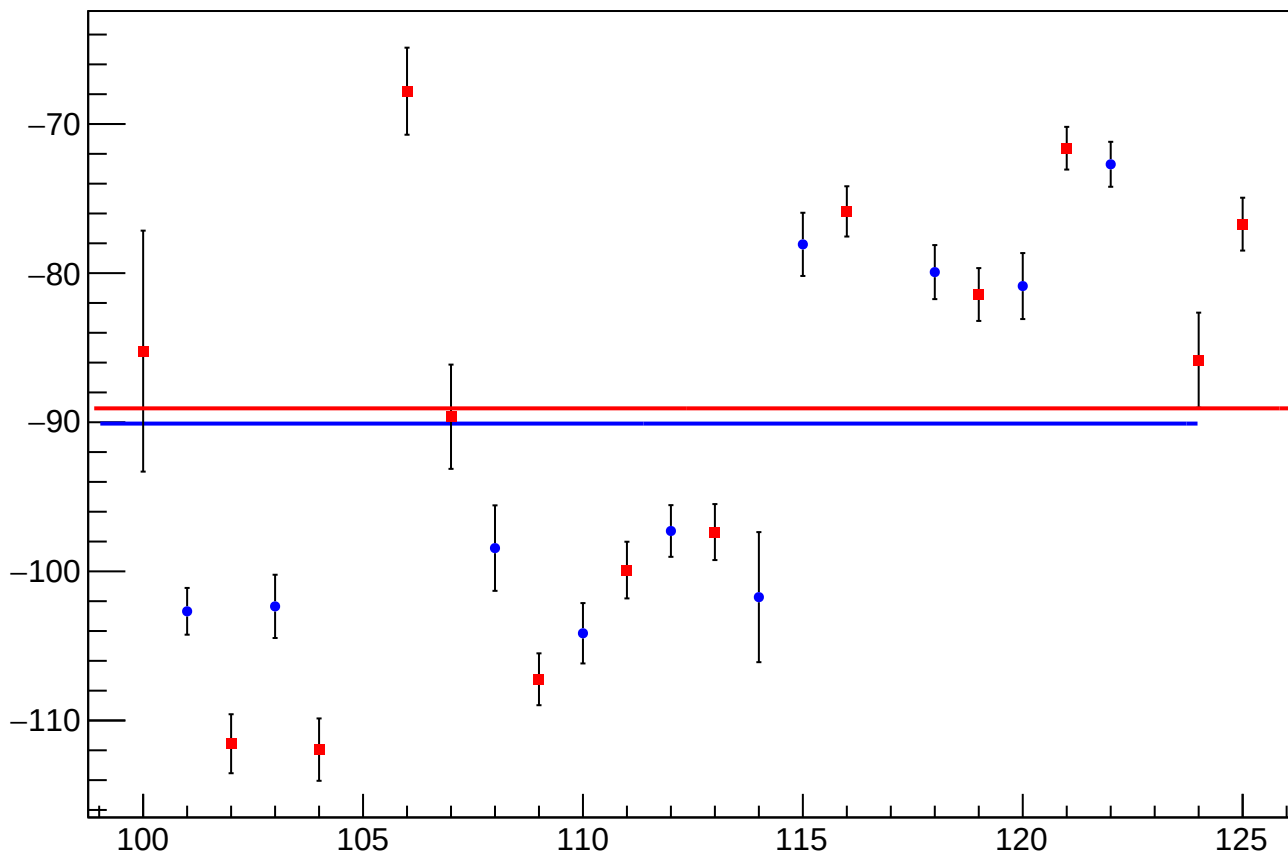
Right: 0.454+/-0.384 χ^2/NDF : 1800.7/22

In: 1.076+/-0.555 χ^2/NDF : 912.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.454+/-0.384 χ^2/NDF : 1800.7/22

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -90.089+/-0.626 χ^2/NDF : 393.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -89.068+/-0.562 χ^2/NDF : 741.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

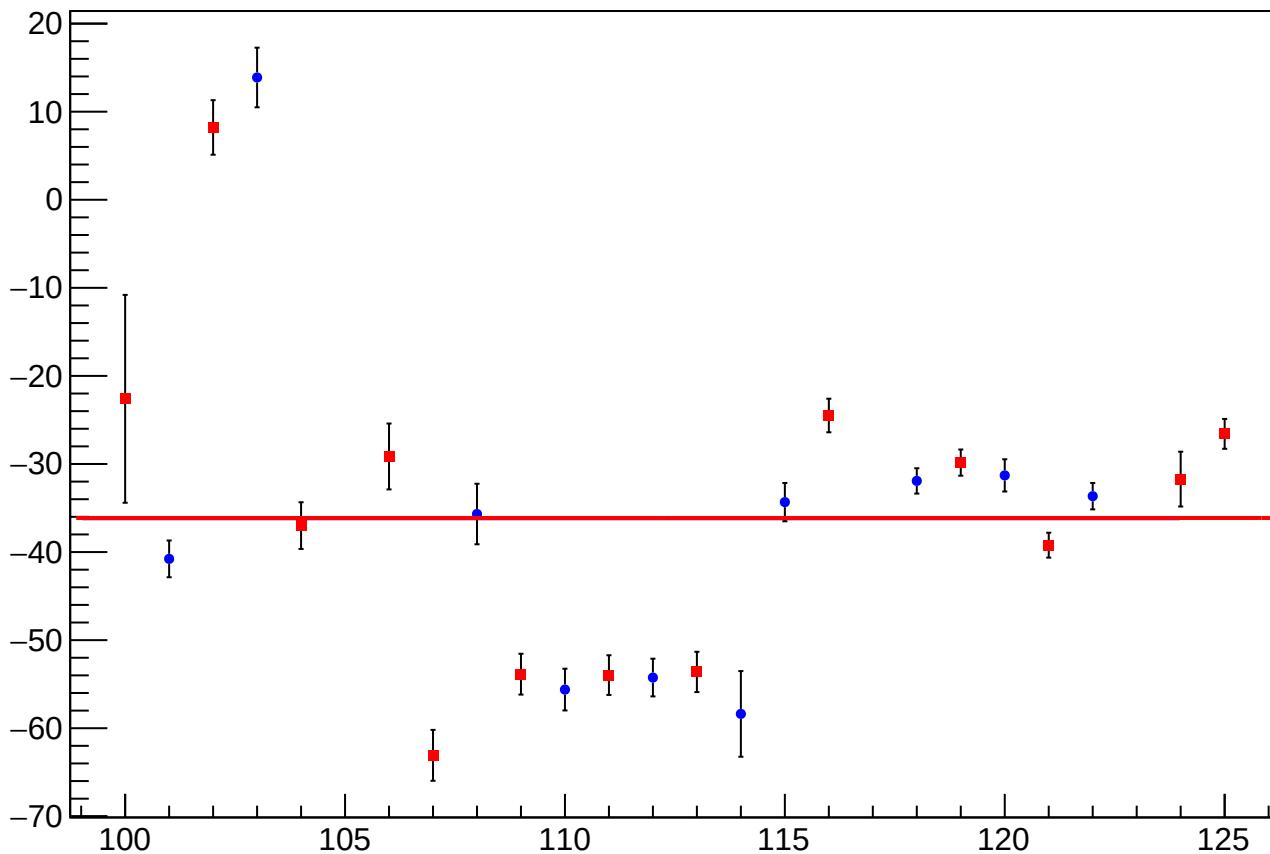
Right: -89.524+/-0.418 χ^2/NDF : 1136.1/22

In: -90.089+/-0.626 χ^2/NDF : 393.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -89.524+/-0.418 χ^2/NDF : 1136.1/22

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -36.161+/-0.663 χ^2/NDF : 402.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.131+/-0.609 χ^2/NDF : 570.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

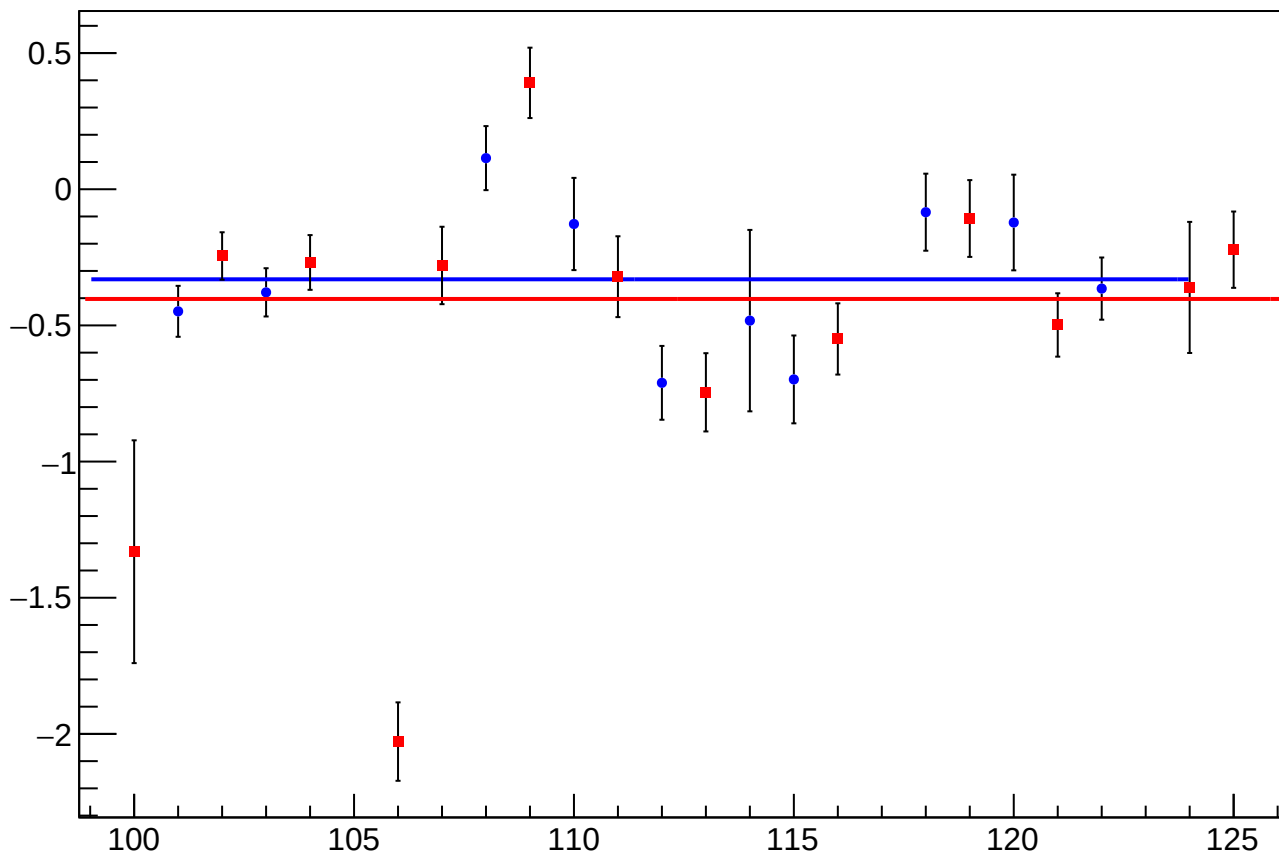
Right: -36.144+/-0.448 χ^2/NDF : 972.6/22

In: -36.161+/-0.663 χ^2/NDF : 402.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.144+/-0.448 χ^2/NDF : 972.6/22

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: -0.403+/-0.037 χ^2/NDF : 190.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

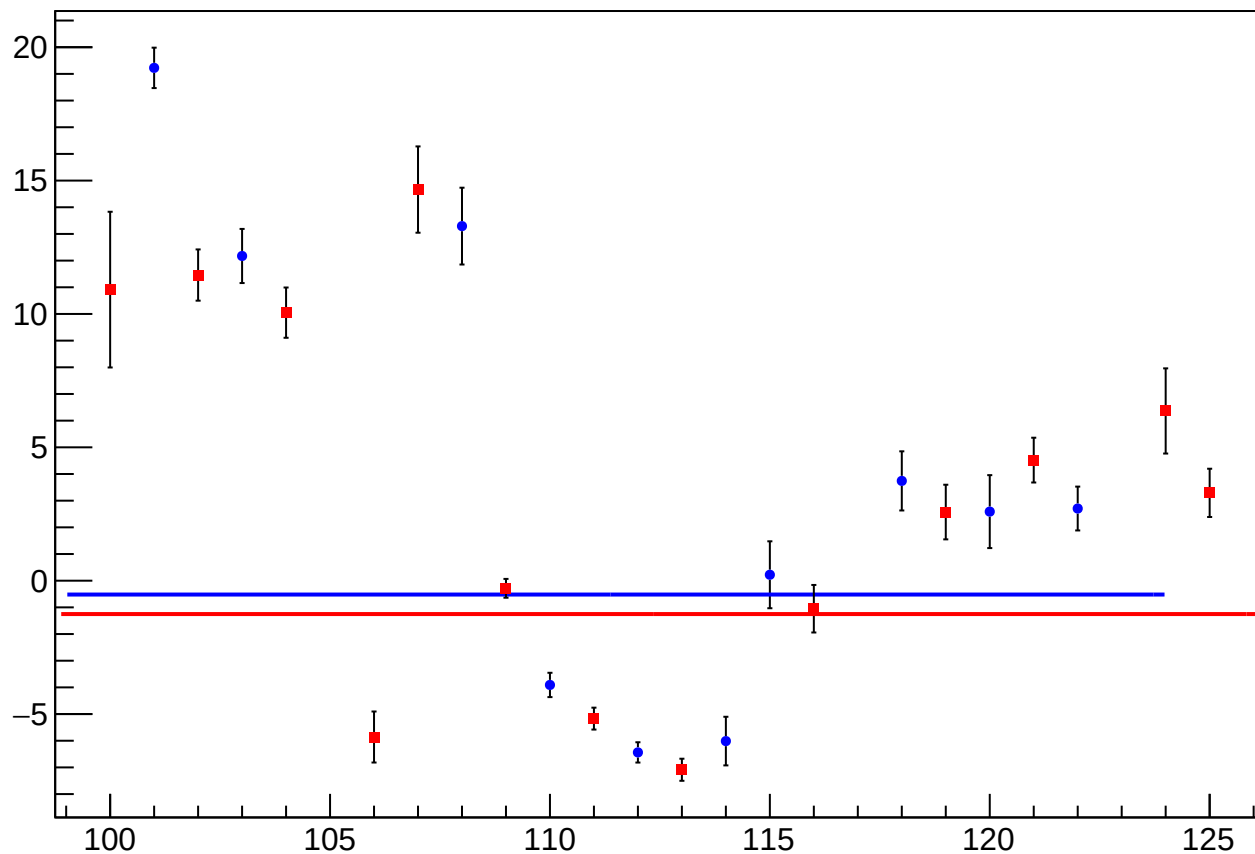
Right: -0.370+/-0.027 χ^2/NDF : 227.3/22

In: -0.331+/-0.040 χ^2/NDF : 35.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.370+/-0.027 χ^2/NDF : 227.3/22

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: -1.251 ± 0.186 χ^2/NDF : 863.2/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

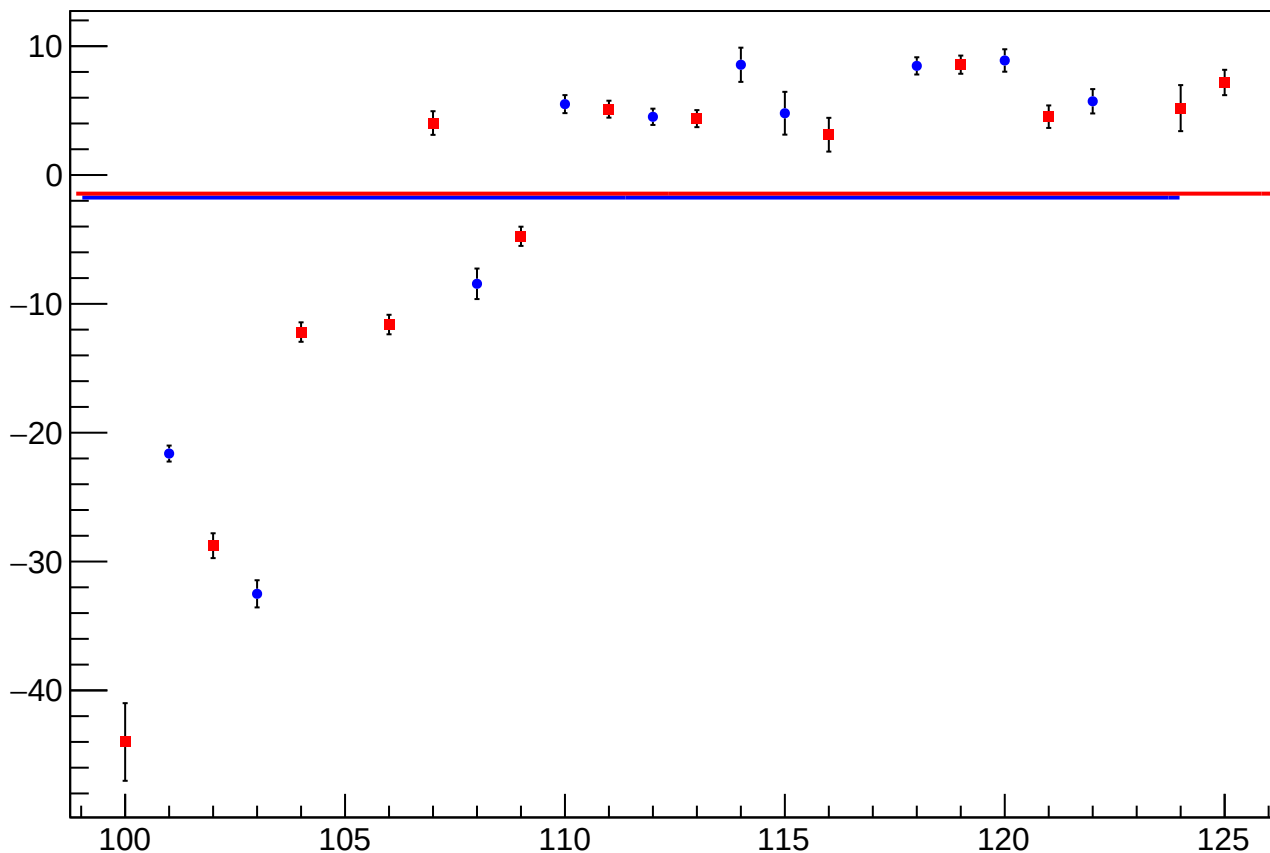
Right: -0.955 ± 0.144 χ^2/NDF : 2166.8/22

In: -0.519 ± 0.226 χ^2/NDF : 1297.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.955 ± 0.144 χ^2/NDF : 2166.8/22

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.749+/-0.264 χ^2 /NDF: 2634.5/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1.445+/-0.239 χ^2 /NDF: 1968.6/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

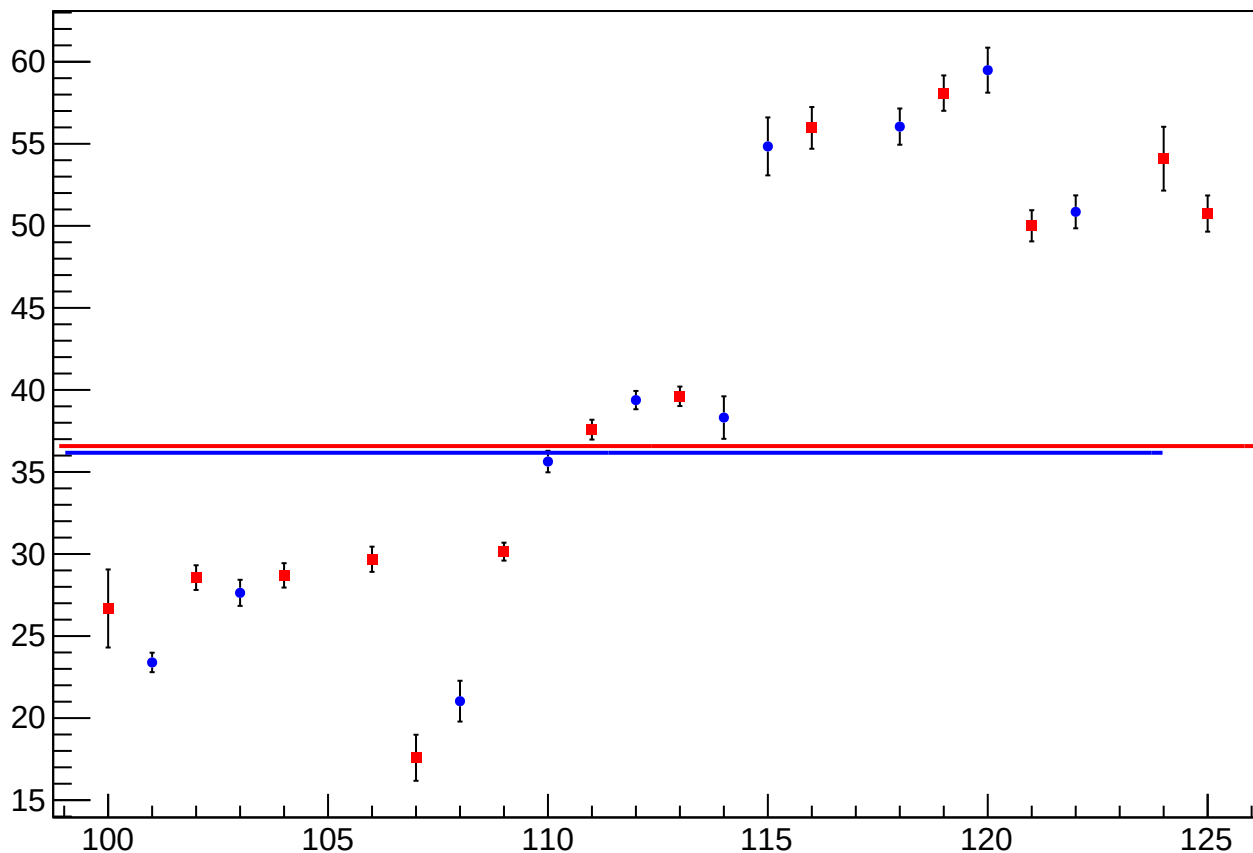
Right: -1.582+/-0.177 χ^2 /NDF: 4603.8/22

In: -1.749+/-0.264 χ^2 /NDF:2634.5/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1.582+/-0.177 χ^2 /NDF: 4603.8/22

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: 36.578+/-0.232 χ^2/NDF : 1751.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

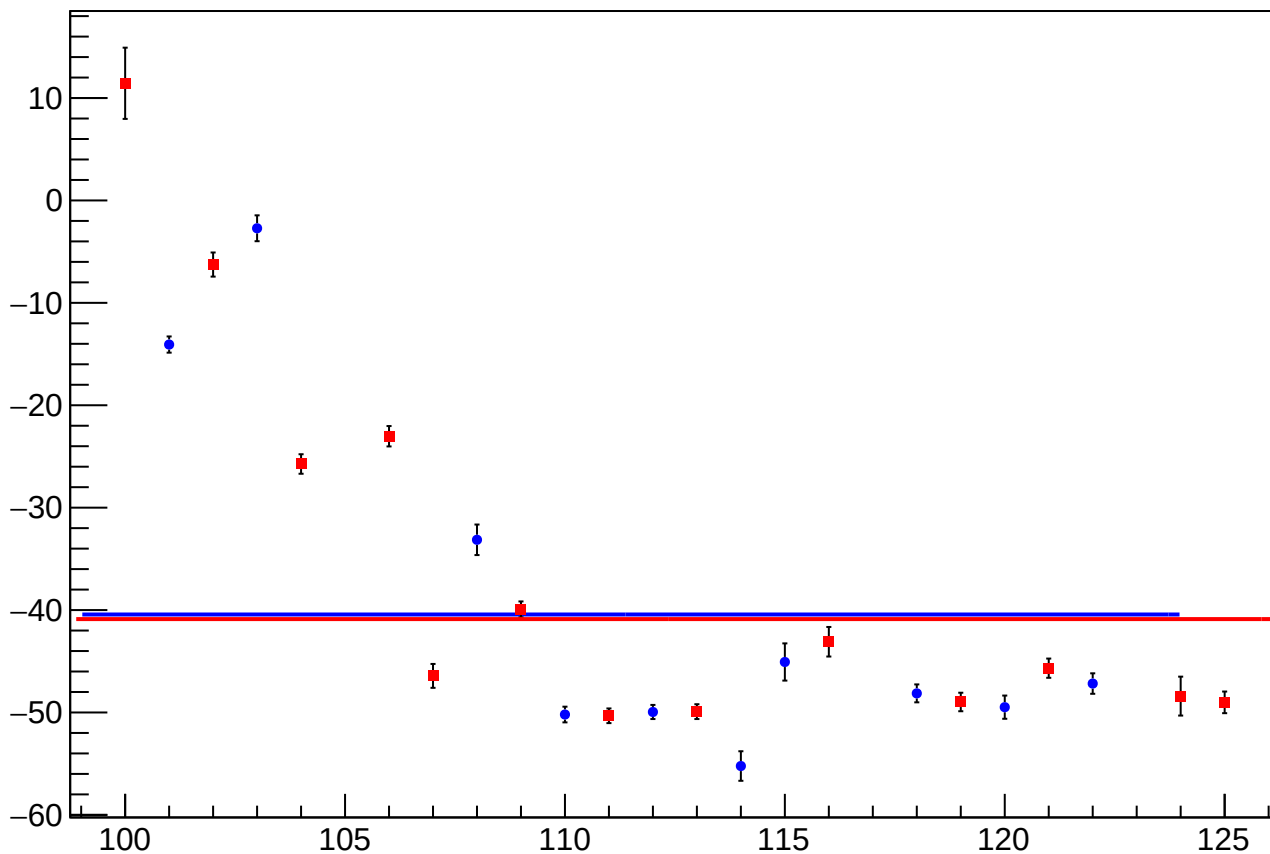
Right: 36.404+/-0.176 χ^2/NDF : 3456.7/22

In: 36.170+/-0.268 χ^2/NDF : 1703.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.404+/-0.176 χ^2/NDF : 3456.7/22

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: -40.881+/-0.275 χ^2/NDF : 2203.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

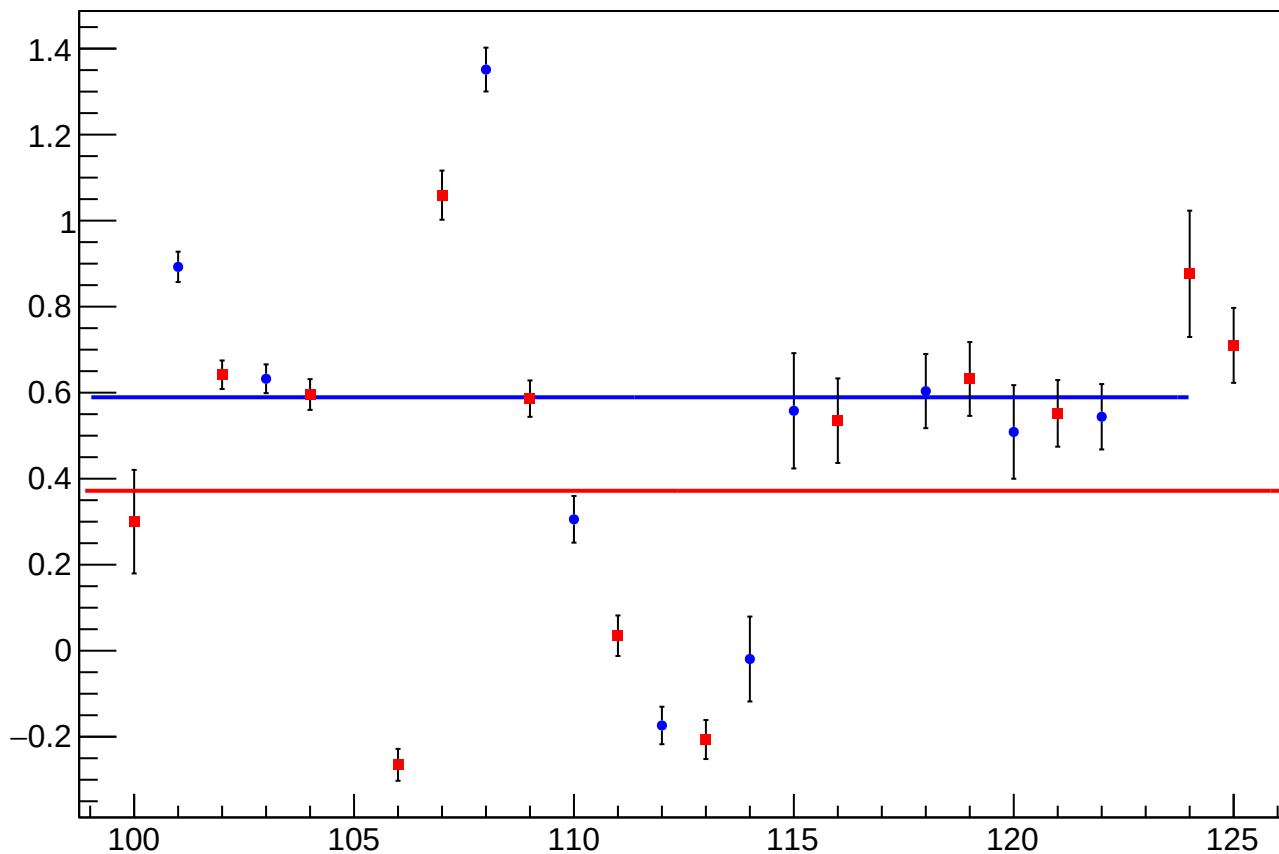
Right: -40.684+/-0.206 χ^2/NDF : 4882.0/22

In: -40.433+/-0.311 χ^2/NDF : 2677.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.684+/-0.206 χ^2/NDF : 4882.0/22

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: 0.372+/-0.014 χ^2/NDF : 829.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

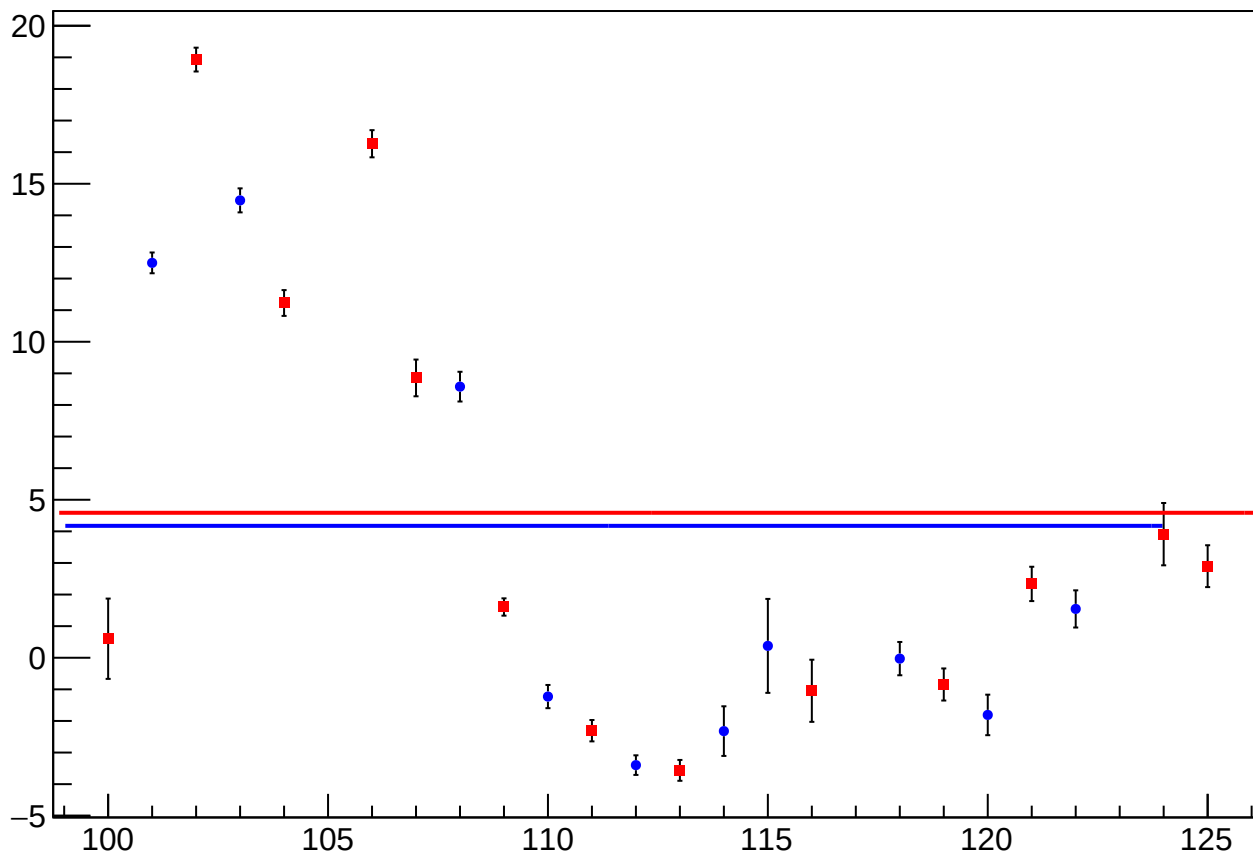
Right: 0.463+/-0.011 χ^2/NDF : 1597.3/22

In: 0.589+/-0.017 χ^2/NDF : 672.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.463+/-0.011 χ^2/NDF : 1597.3/22

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: 4.588+/-0.124 χ^2/NDF : 3830.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

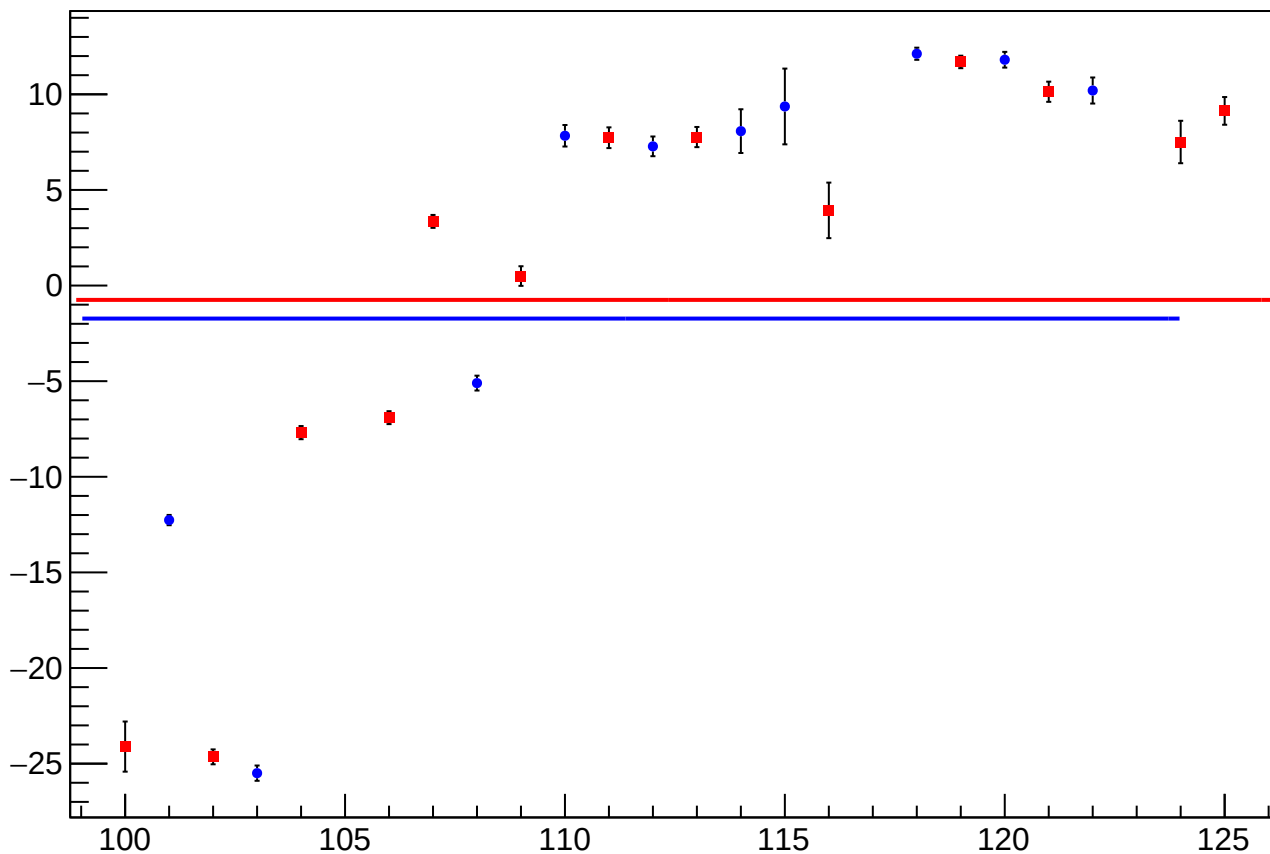
Right: 4.409+/-0.093 χ^2/NDF : 6356.4/22

In: 4.175+/-0.142 χ^2/NDF : 2521.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.409+/-0.093 χ^2/NDF : 6356.4/22

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: -0.750+/-0.129 χ^2/NDF : 7606.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

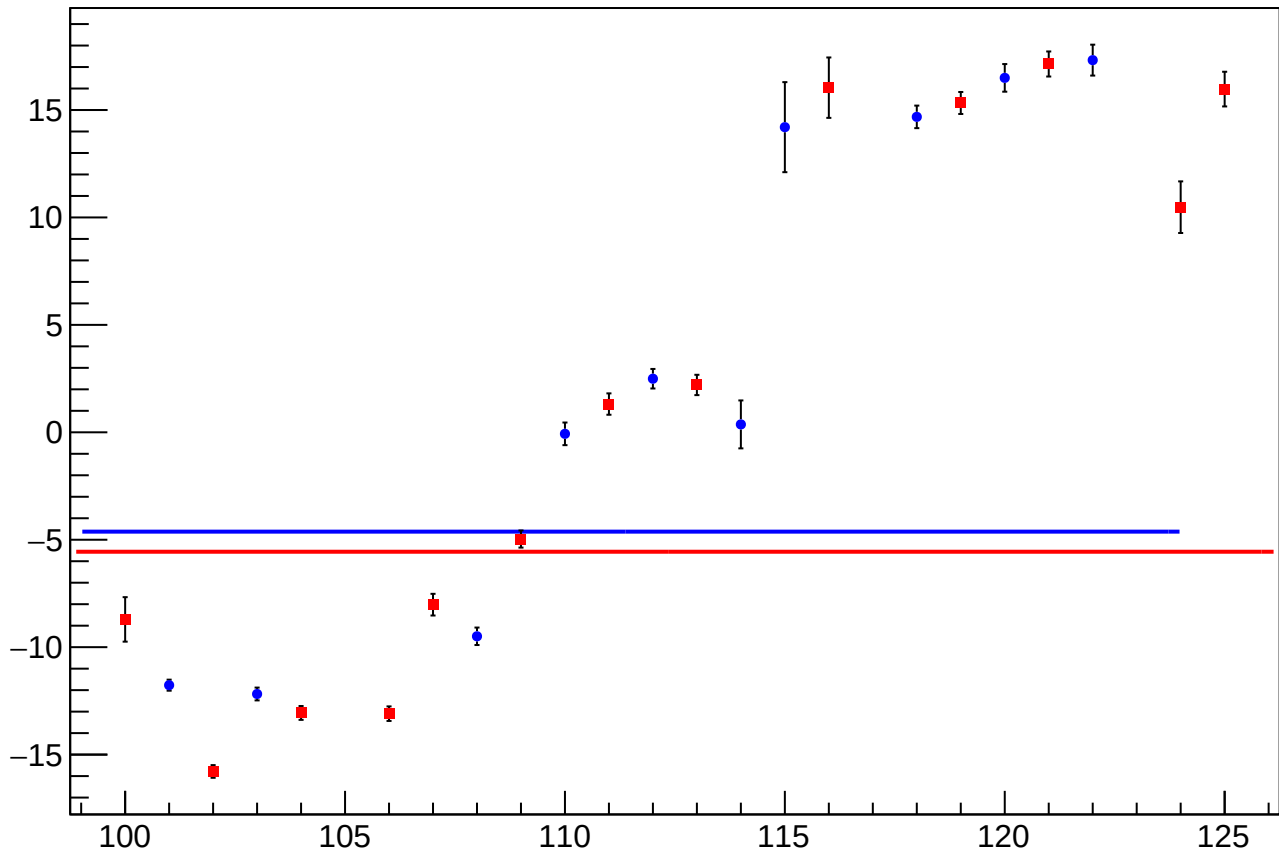
Right: -1.206+/-0.094 χ^2/NDF : 16777.2/22

In: -1.726+/-0.138 χ^2/NDF :9144.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.206+/-0.094 χ^2/NDF : 16777.2/22

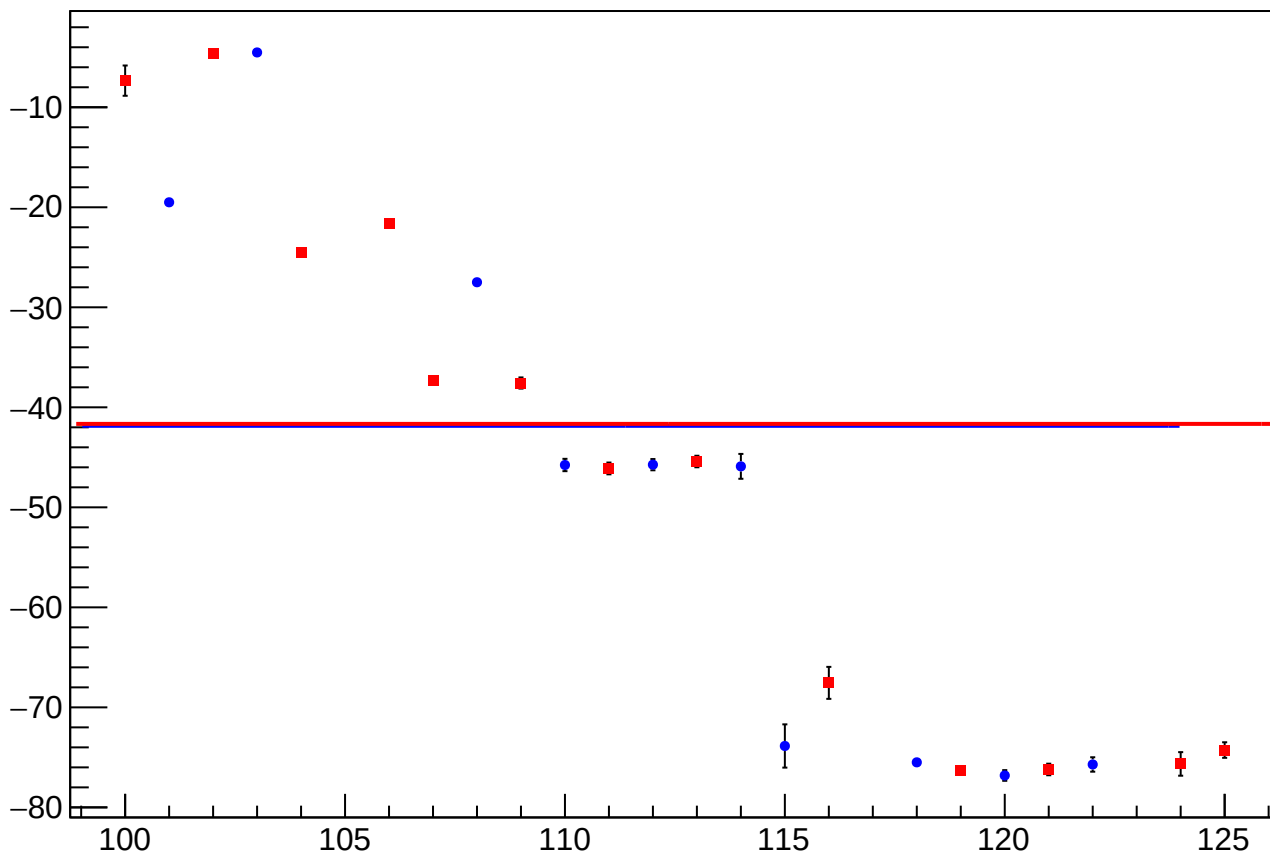
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: -5.558+/-0.130 χ^2/NDF : 7038.4/12
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -5.130+/-0.096 χ^2/NDF : 12405.5/22
 In: -4.623+/-0.142 χ^2/NDF :5343.4/9
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -5.130+/-0.096 χ^2/NDF : 12405.5/22

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -41.848 $\pm$ 0.169 χ^2 /NDF: 24668.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -41.658 $\pm$ 0.156 χ^2 /NDF: 23800.7/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

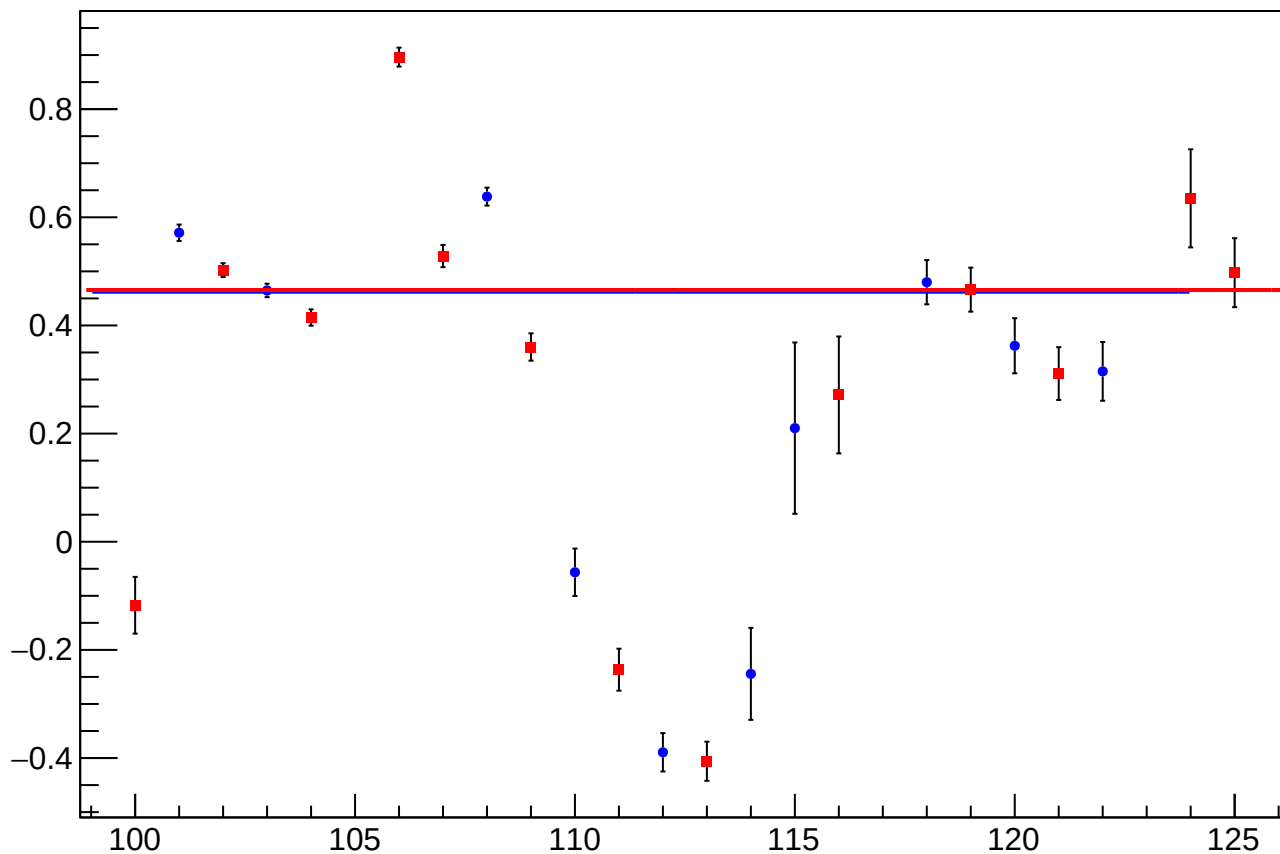
Right: -41.745 $\pm$ 0.114 χ^2 /NDF: 48469.8/22

In: -41.848 $\pm$ 0.169 χ^2 /NDF:24668.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -41.745 $\pm$ 0.114 χ^2 /NDF: 48469.8/22

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.462+/-0.008 χ^2/NDF : 962.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.466+/-0.007 χ^2/NDF : 1703.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

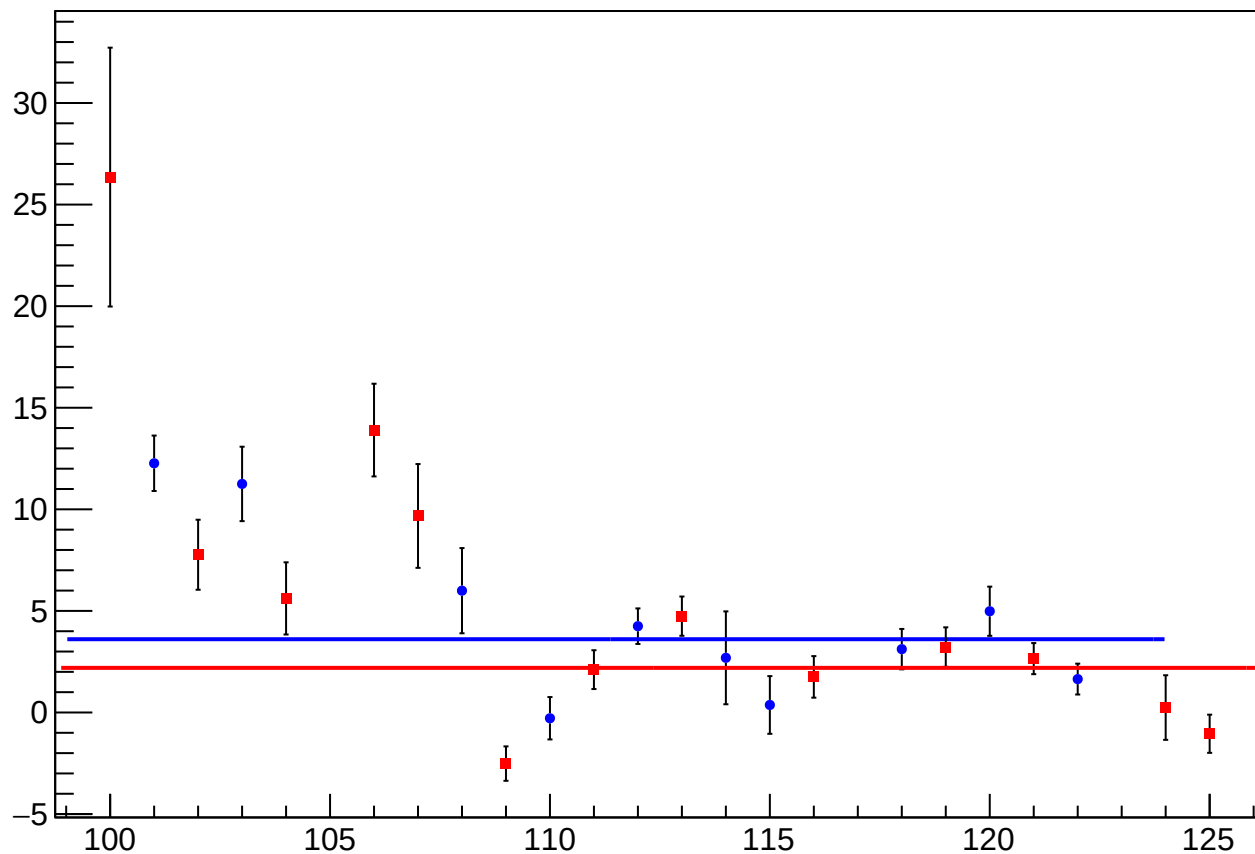
Right: 0.464+/-0.005 χ^2/NDF : 2665.9/22

In: 0.462+/-0.008 χ^2/NDF : 962.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.464+/-0.005 χ^2/NDF : 2665.9/22

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: 2.197+/-0.319 χ^2/NDF : 116.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

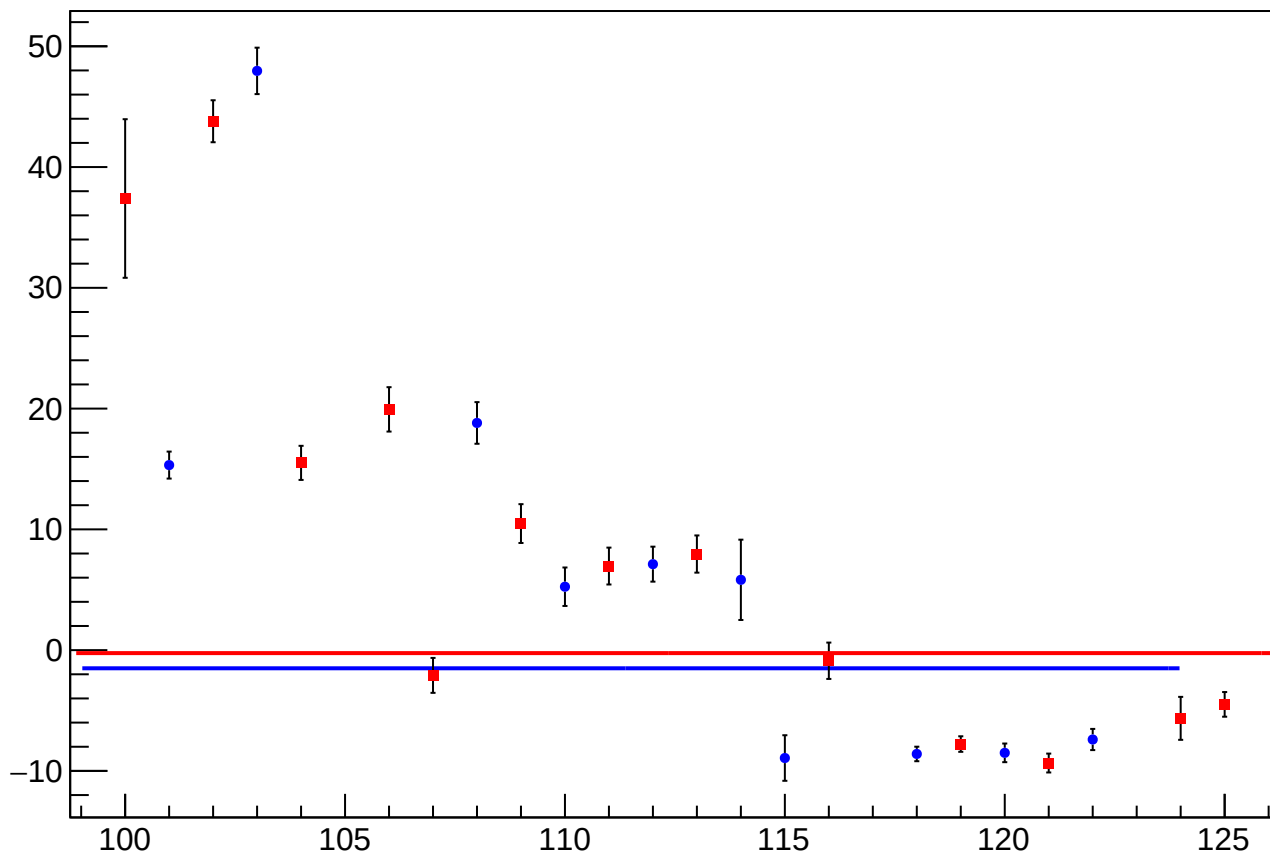
Right: 2.802+/-0.241 χ^2/NDF : 211.9/22

In: 3.606+/-0.367 χ^2/NDF :87.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2.802+/-0.241 χ^2/NDF : 211.9/22

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: -0.246+/-0.340 χ^2/NDF : 1316.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

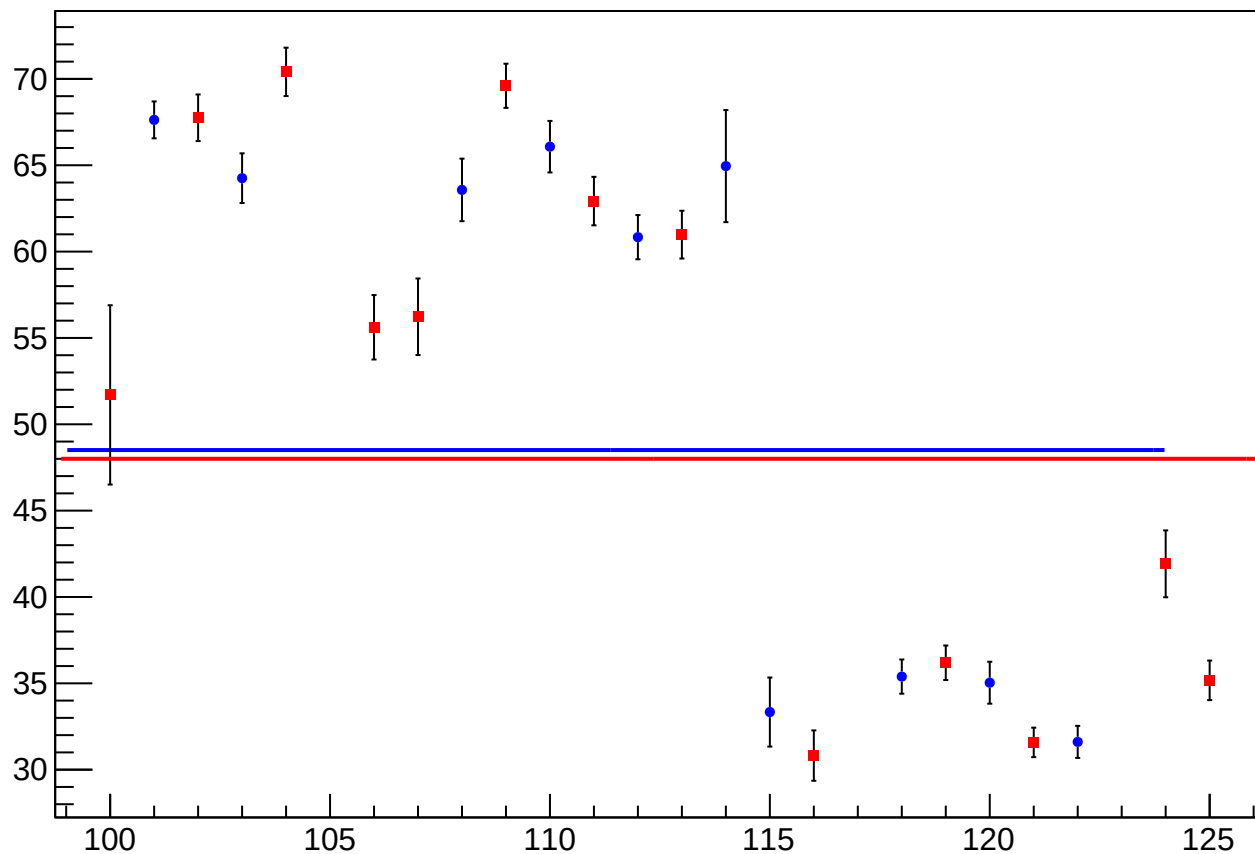
Right: -0.866+/-0.242 χ^2/NDF : 2691.1/22

In: -1.503+/-0.345 χ^2/NDF :1368.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.866+/-0.242 χ^2/NDF : 2691.1/22

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: 48.002 $\pm$ 0.375 χ^2 /NDF: 1770.4/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

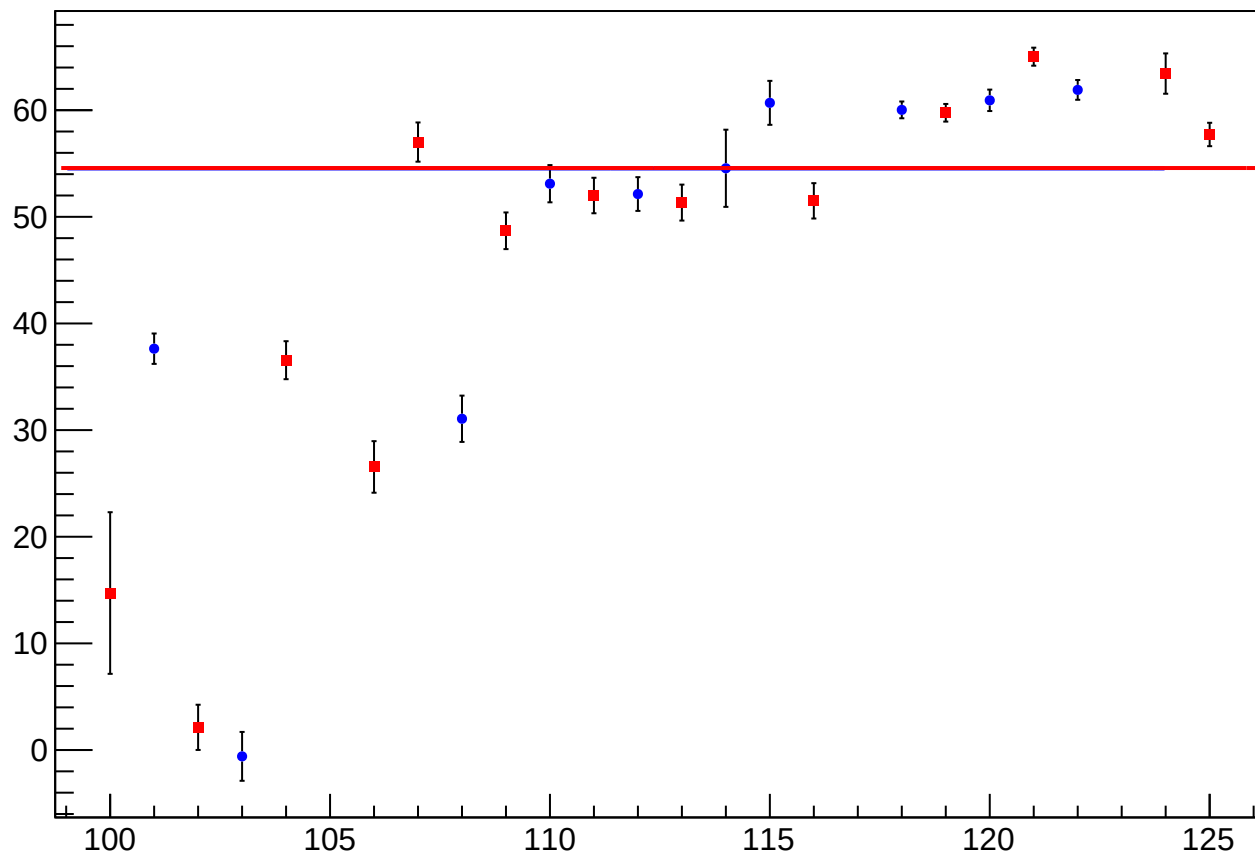
Right: 48.232 $\pm$ 0.277 χ^2 /NDF: 3225.6/22

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: 48.232 $\pm$ 0.277 χ^2 /NDF: 3225.6/22

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: 54.576+/-0.395 χ^2/NDF : 1121.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

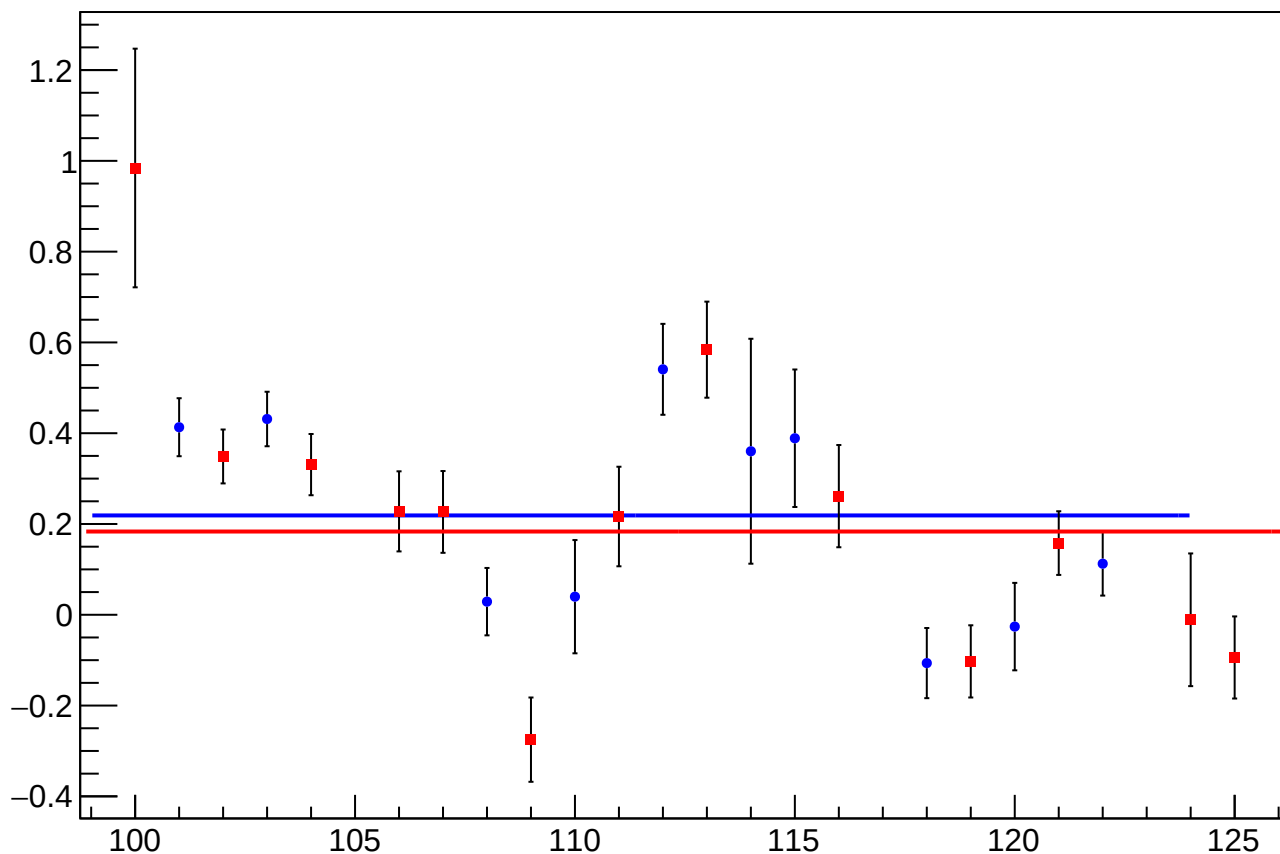
Right: 54.556+/-0.287 χ^2/NDF : 2122.5/22

In: 54.534+/-0.419 χ^2/NDF :1000.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 54.556+/-0.287 χ^2/NDF : 2122.5/22

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: 0.183+/-0.024 χ^2/NDF : 85.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

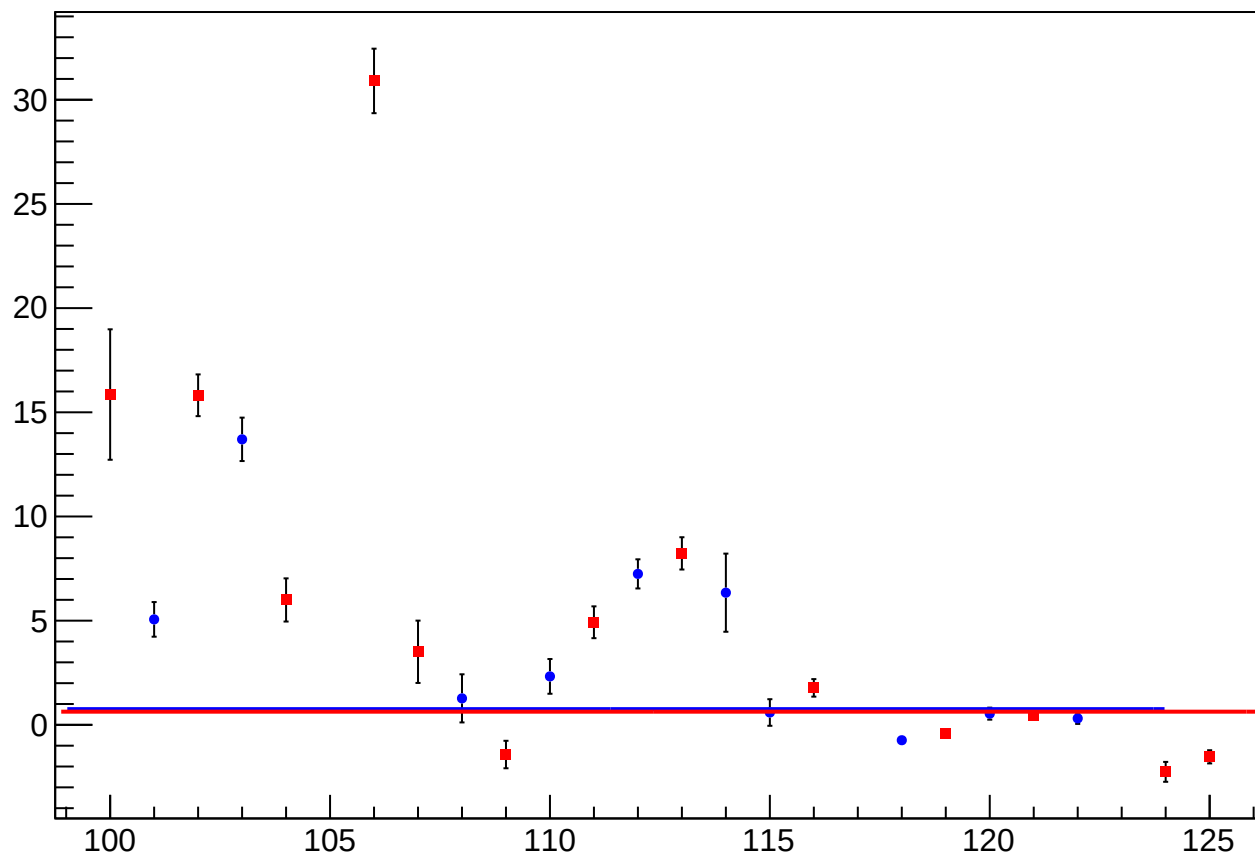
Right: 0.200+/-0.018 χ^2/NDF : 155.6/22

In: 0.219+/-0.027 χ^2/NDF : 68.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.200+/-0.018 χ^2/NDF : 155.6/22

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: 0.632+/-0.123 χ^2/NDF : 915.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

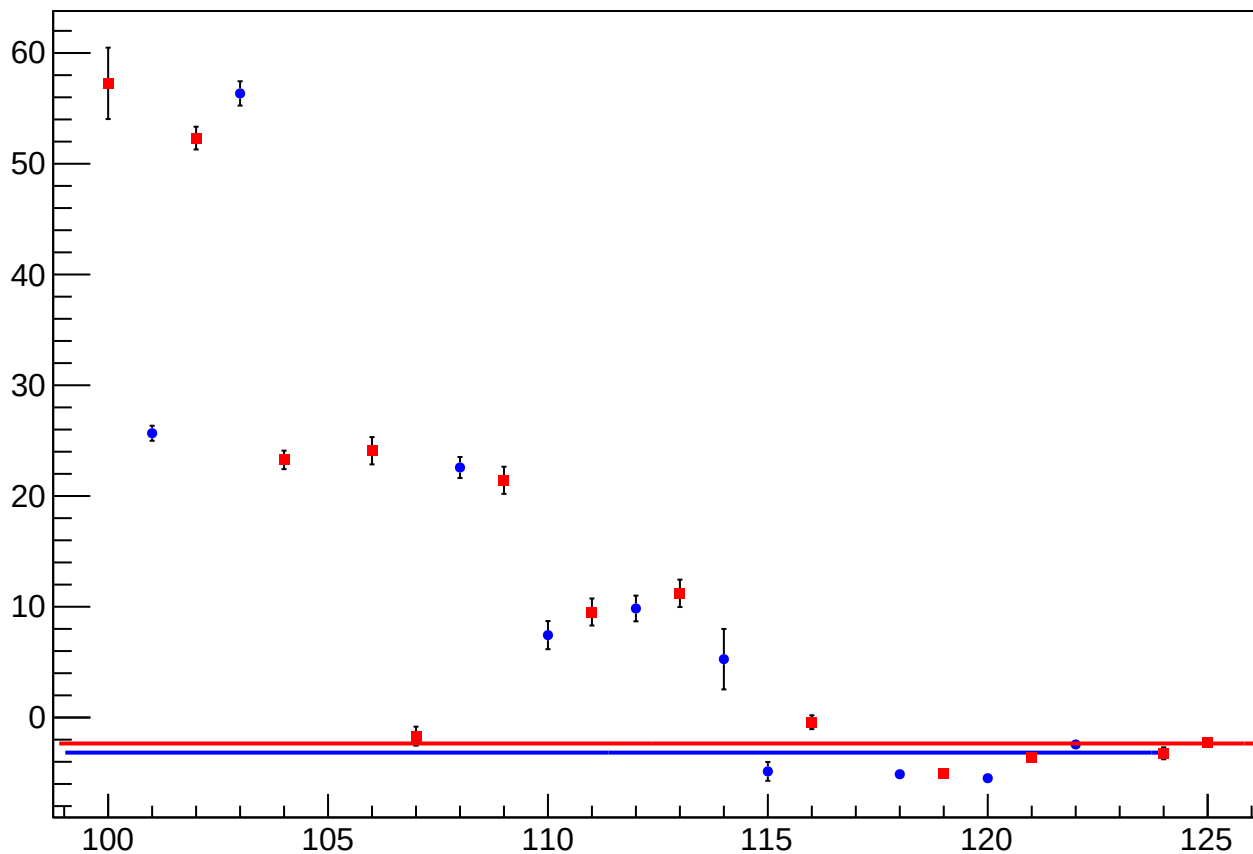
Right: 0.687+/-0.092 χ^2/NDF : 1239.2/22

In: 0.754+/-0.137 χ^2/NDF : 323.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.687+/-0.092 χ^2/NDF : 1239.2/22

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: -2.347+/-0.108 χ^2/NDF : 5540.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

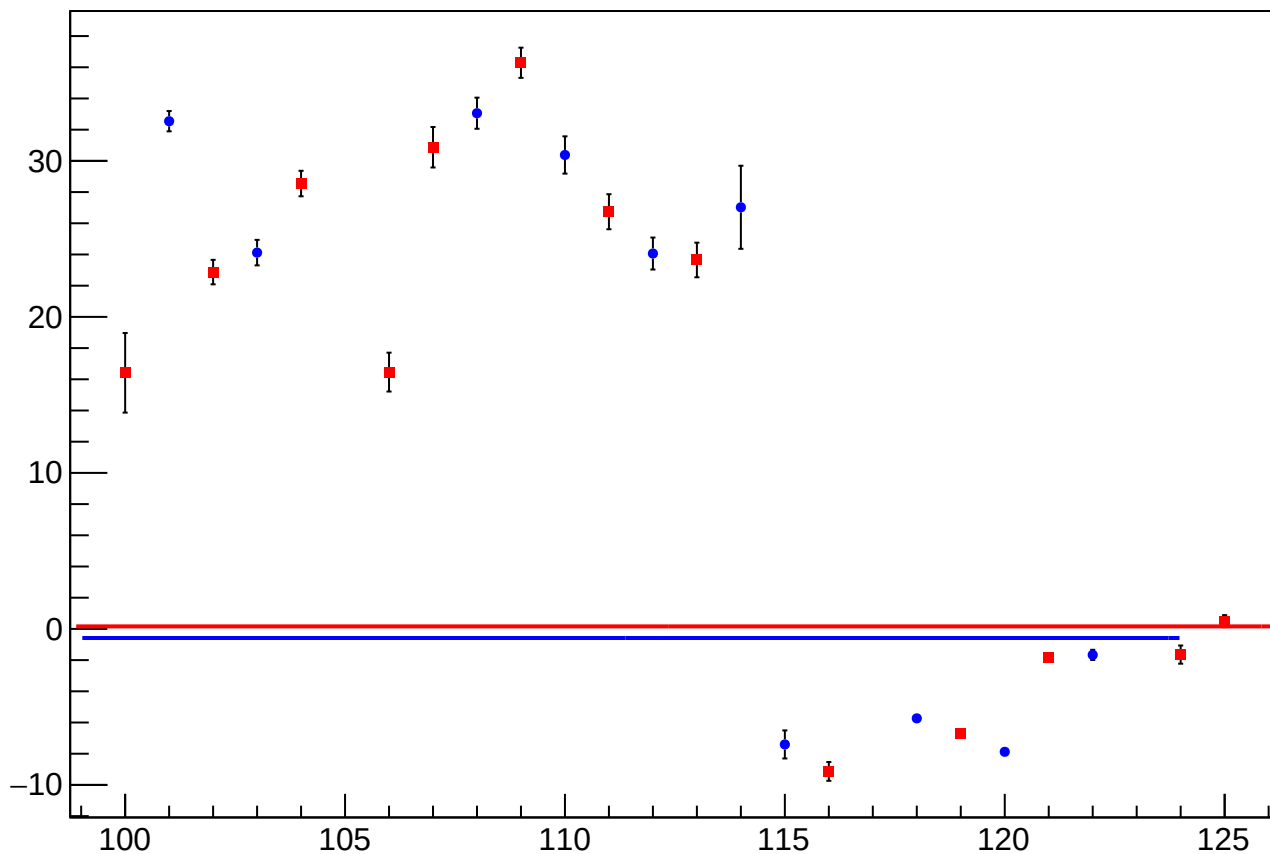
Right: -2.779+/-0.074 χ^2/NDF : 11602.1/22

In: -3.169+/-0.102 χ^2/NDF :6031.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.779+/-0.074 χ^2/NDF : 11602.1/22

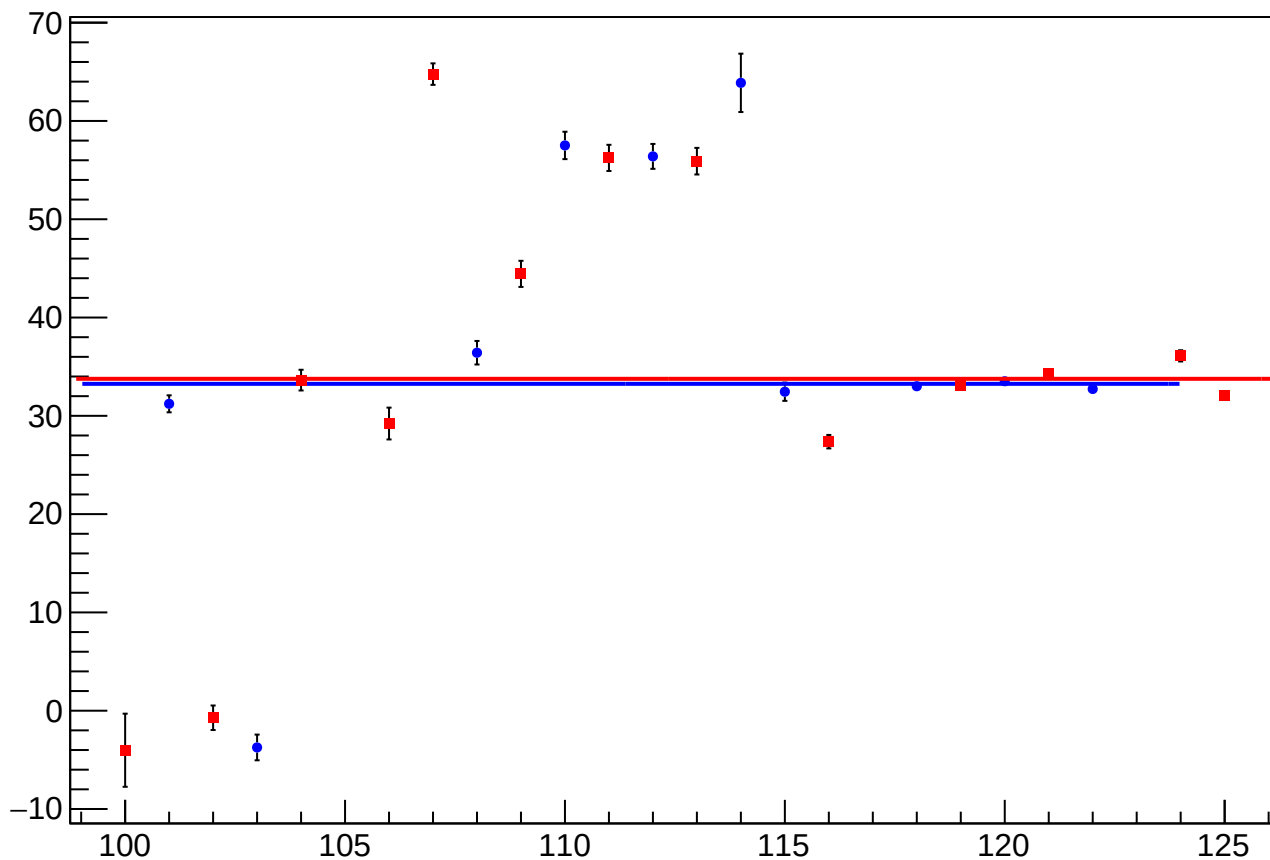
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 0.161 ± 0.136 χ^2/NDF : 6418.3/12
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -0.185 ± 0.099 χ^2/NDF : 13615.6/22
 In: -0.583 ± 0.146 χ^2/NDF : 7183.2/9
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -0.185 ± 0.099 χ^2/NDF : 13615.6/22

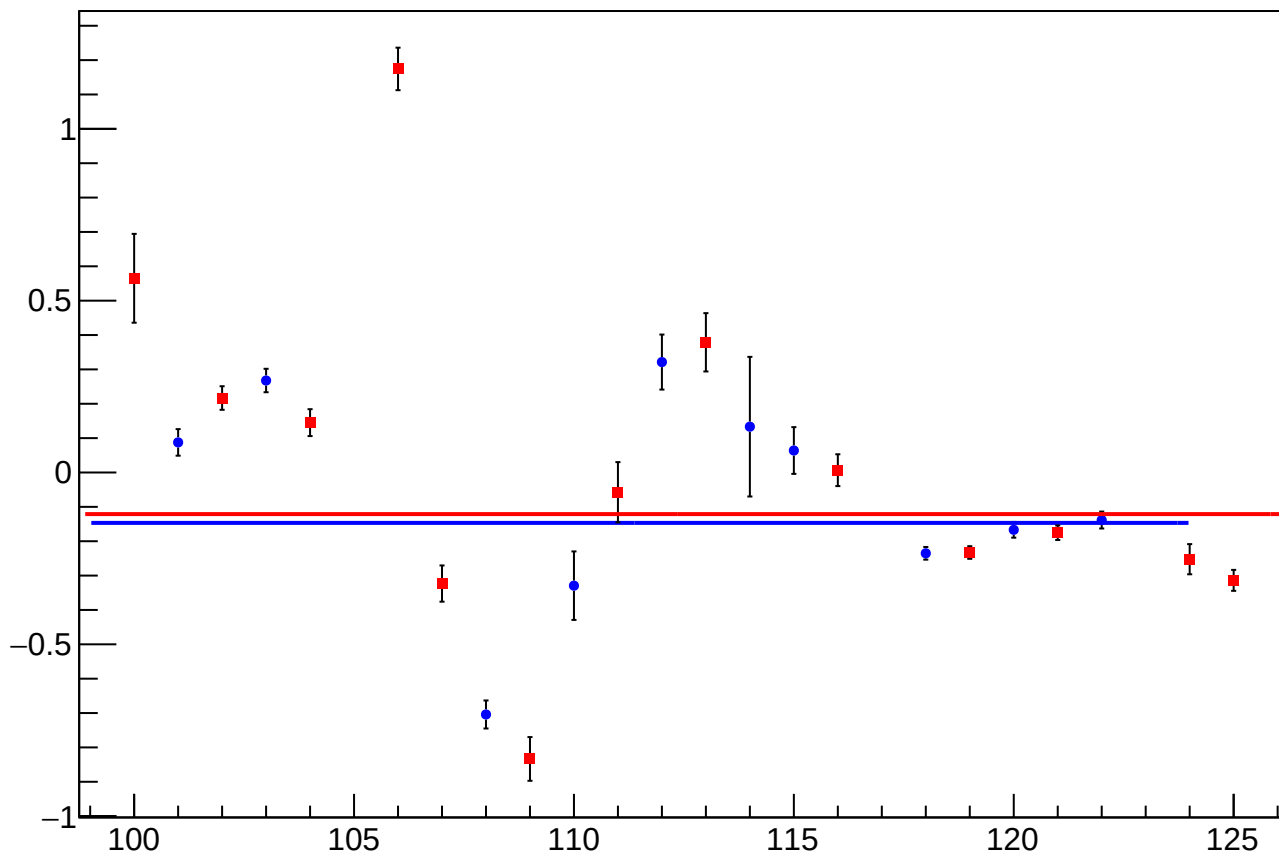
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 33.766+/-0.128 χ^2/NDF : 2440.8/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 33.511+/-0.091 χ^2/NDF : 4011.9/22
 In: 33.255+/-0.129 χ^2/NDF : 1563.1/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 33.511+/-0.091 χ^2/NDF : 4011.9/22

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: -0.121+/-0.010 χ^2/NDF : 885.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

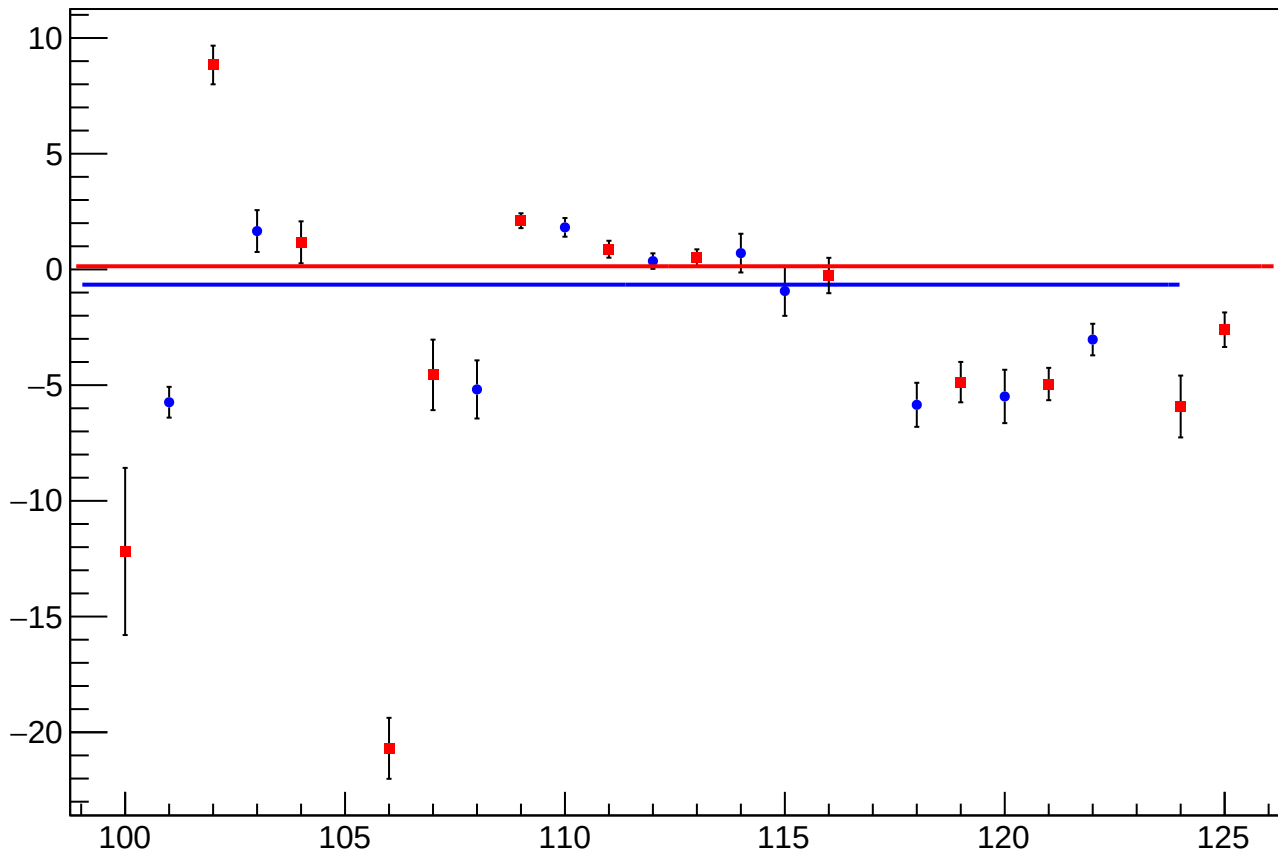
Right: -0.133+/-0.007 χ^2/NDF : 1332.9/22

In: -0.147+/-0.010 χ^2/NDF :444.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.133+/-0.007 χ^2/NDF : 1332.9/22

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: 0.137 ± 0.168 χ^2/NDF : 543.9/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

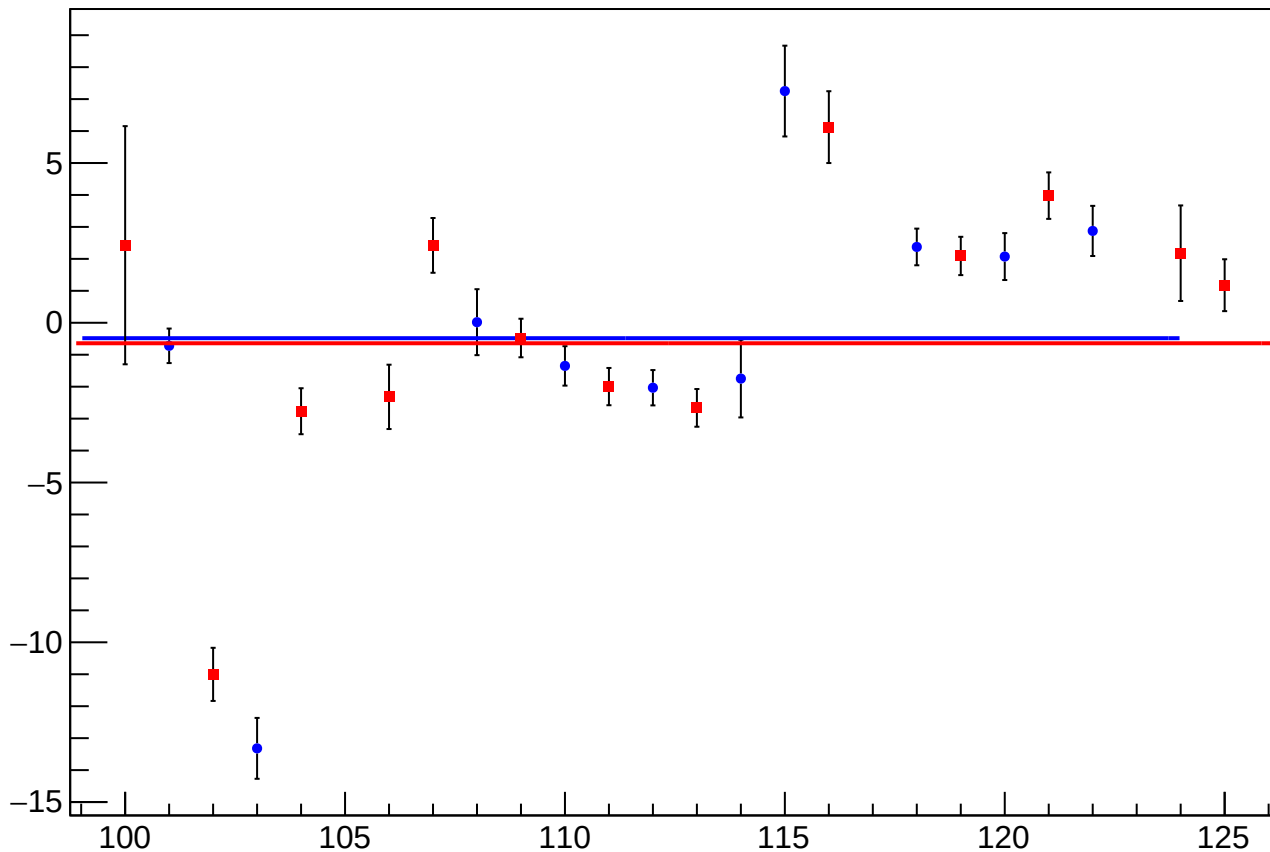
Right: -0.195 ± 0.128 χ^2/NDF : 740.2/22

In: -0.658 ± 0.198 χ^2/NDF : 186.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.195 ± 0.128 χ^2/NDF : 740.2/22

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: -0.641+/-0.214 χ^2/NDF : 303.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

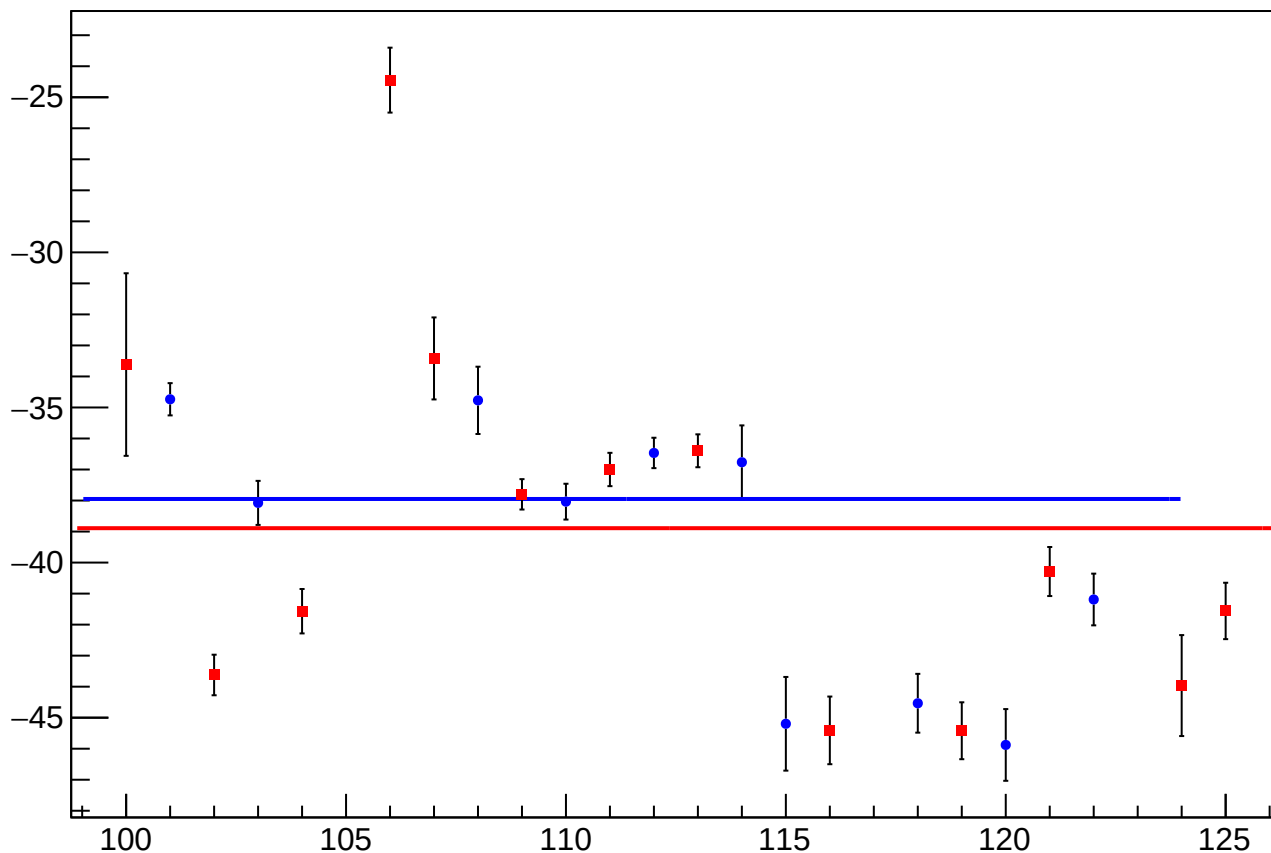
Right: -0.567+/-0.156 χ^2/NDF : 581.4/22

In: -0.483+/-0.229 χ^2/NDF : 277.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.567+/-0.156 χ^2/NDF : 581.4/22

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: -38.891 ± 0.212 $\chi^2/\text{NDF}: 424.6/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

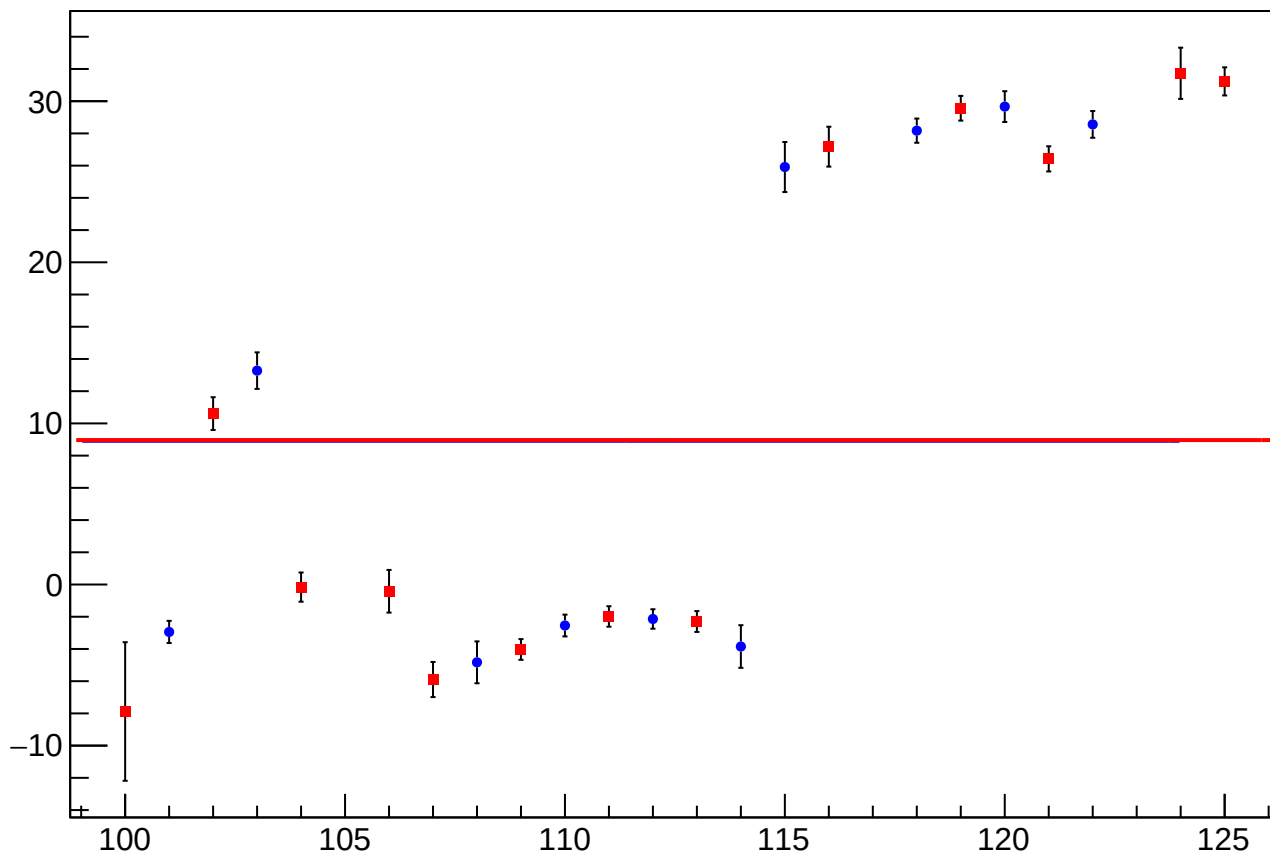
Right: -38.469 ± 0.157 $\chi^2/\text{NDF}: 624.0/22$

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: -38.469 ± 0.157 $\chi^2/\text{NDF}: 624.0/22$

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: 8.965+/-0.245 χ^2/NDF : 3654.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

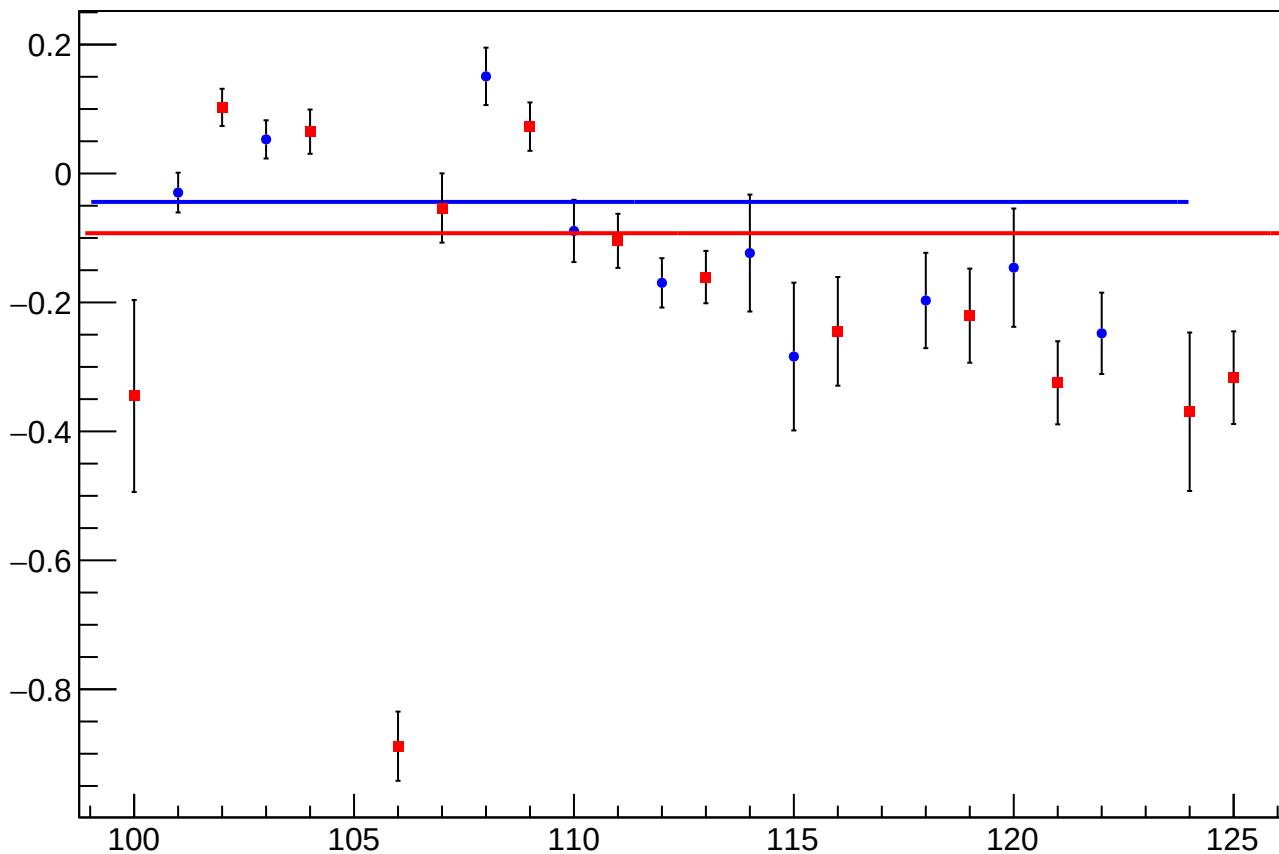
Right: 8.946+/-0.182 χ^2/NDF : 6600.7/22

In: 8.923+/-0.270 χ^2/NDF : 2945.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.946+/-0.182 χ^2/NDF : 6600.7/22

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: -0.093+/-0.013 χ^2/NDF : 346.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

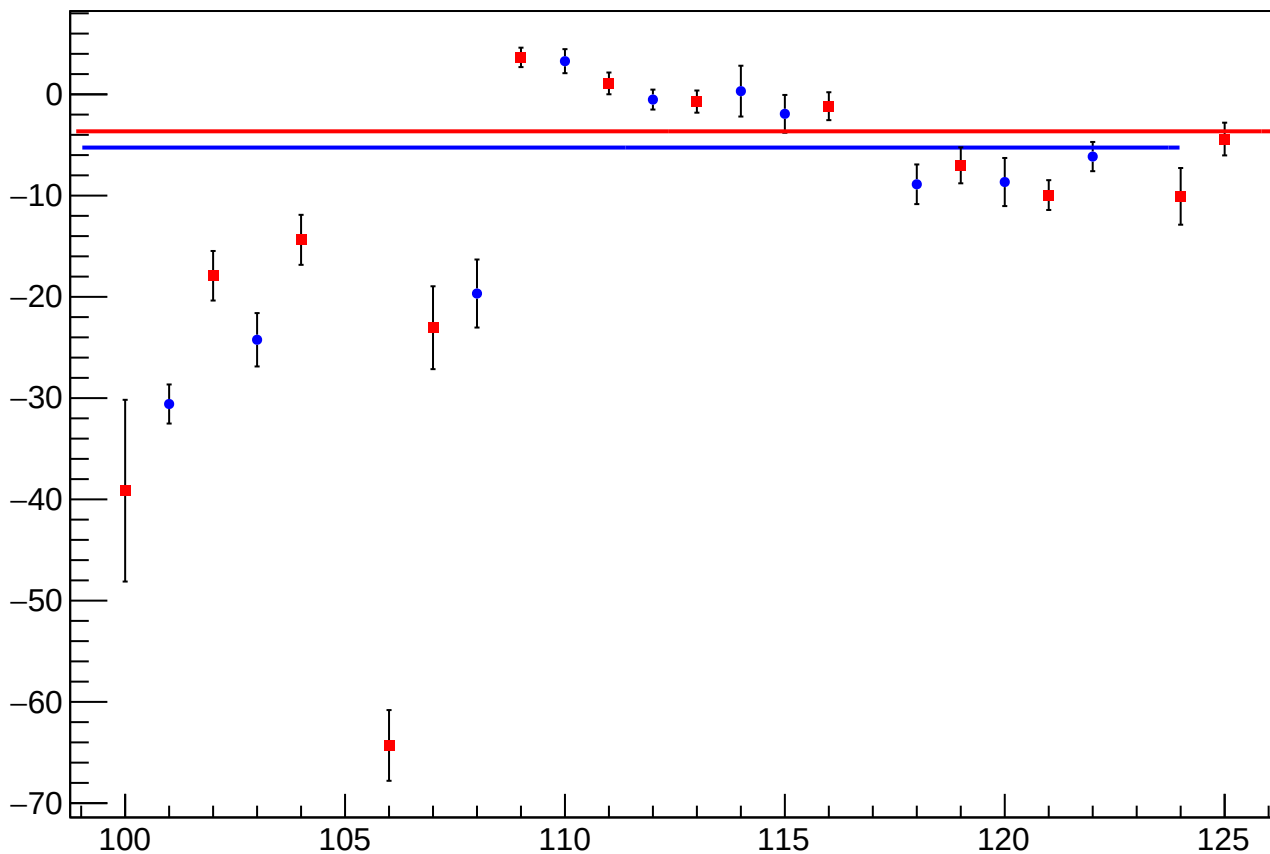
Right: -0.071+/-0.010 χ^2/NDF : 414.9/22

In: -0.044+/-0.015 χ^2/NDF :62.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.071+/-0.010 χ^2/NDF : 414.9/22

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: -3.652+/-0.443 χ^2/NDF : 507.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

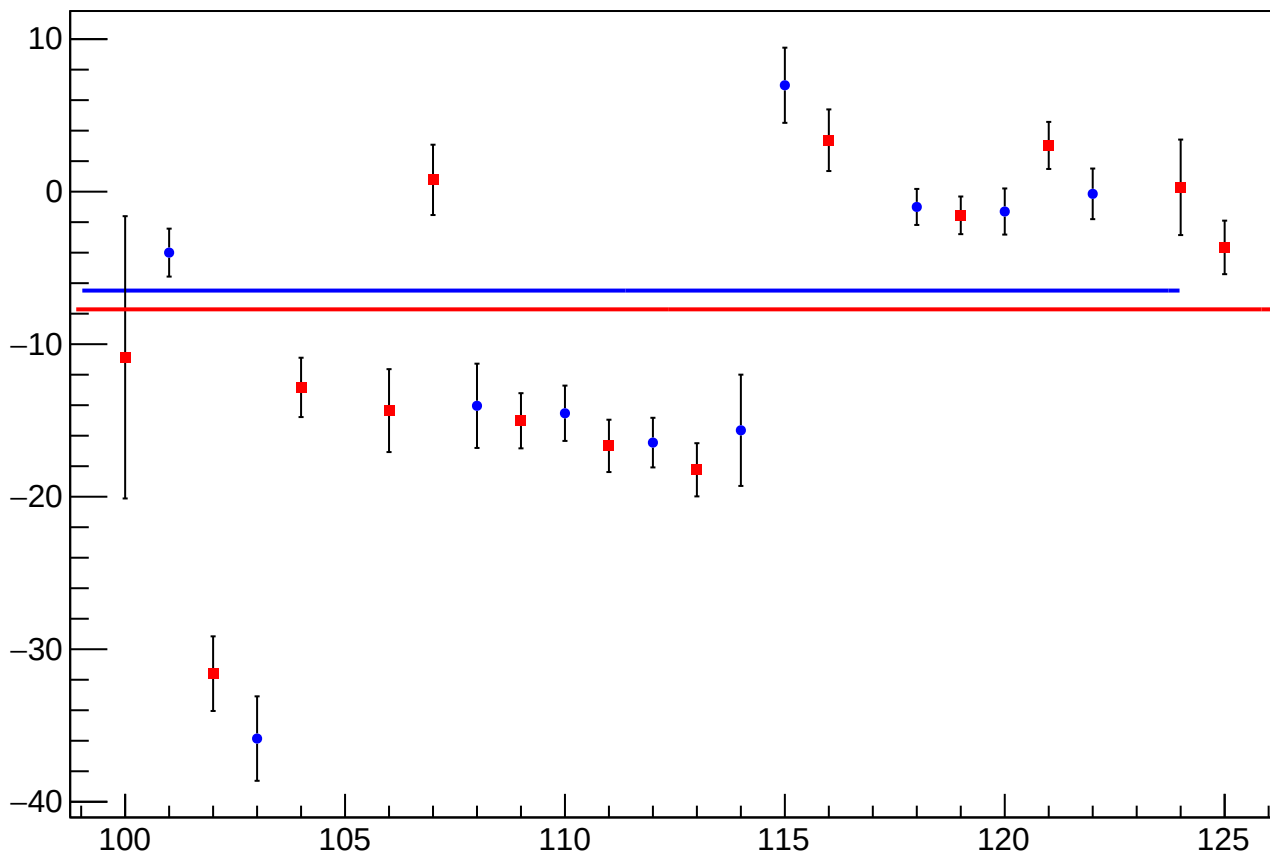
Right: -4.317+/-0.339 χ^2/NDF : 844.3/22

In: -5.256+/-0.527 χ^2/NDF : 331.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.317+/-0.339 χ^2/NDF : 844.3/22

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: -7.716+/-0.535 χ^2/NDF : 317.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

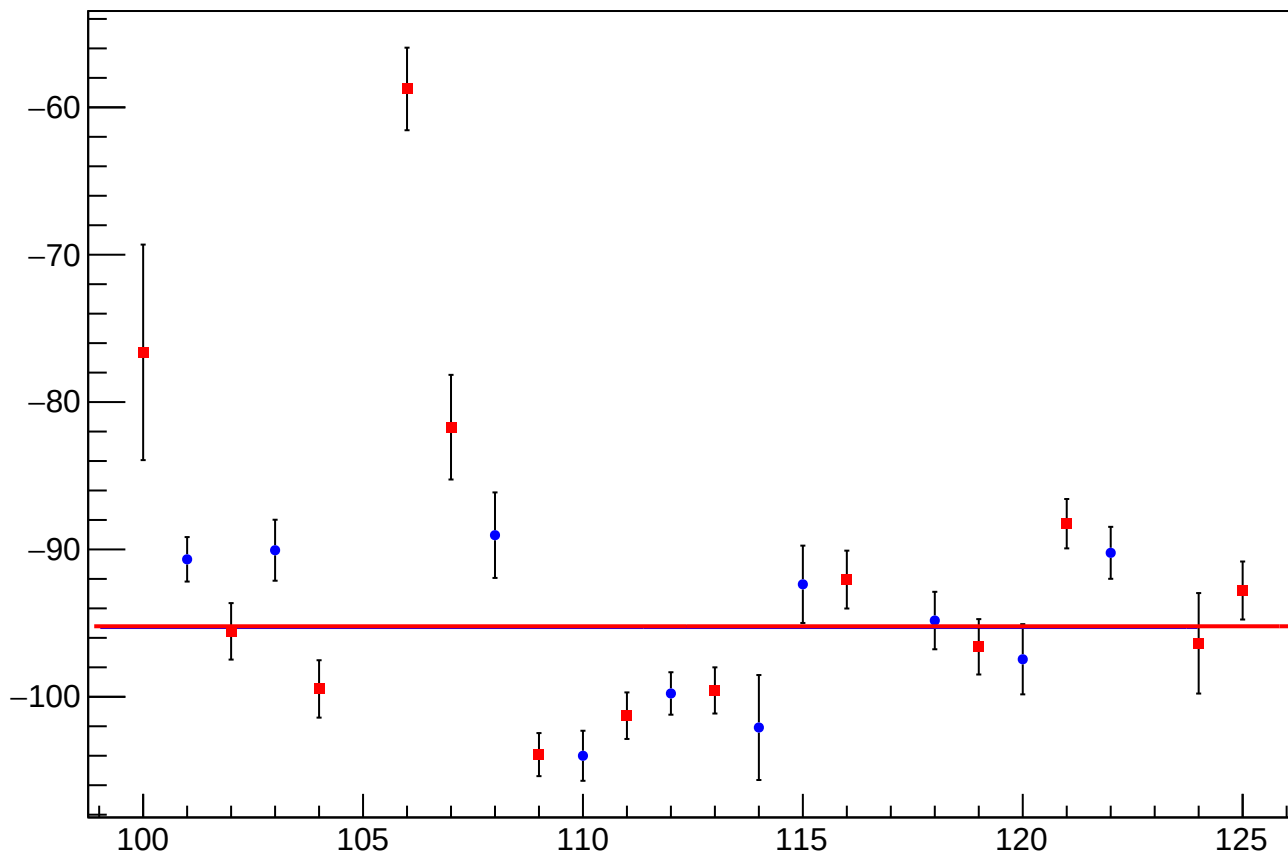
Right: -7.136+/-0.389 χ^2/NDF : 583.6/22

In: -6.485+/-0.567 χ^2/NDF : 263.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.136+/-0.389 χ^2/NDF : 583.6/22

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: -95.214+/-0.552 χ^2/NDF : 275.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

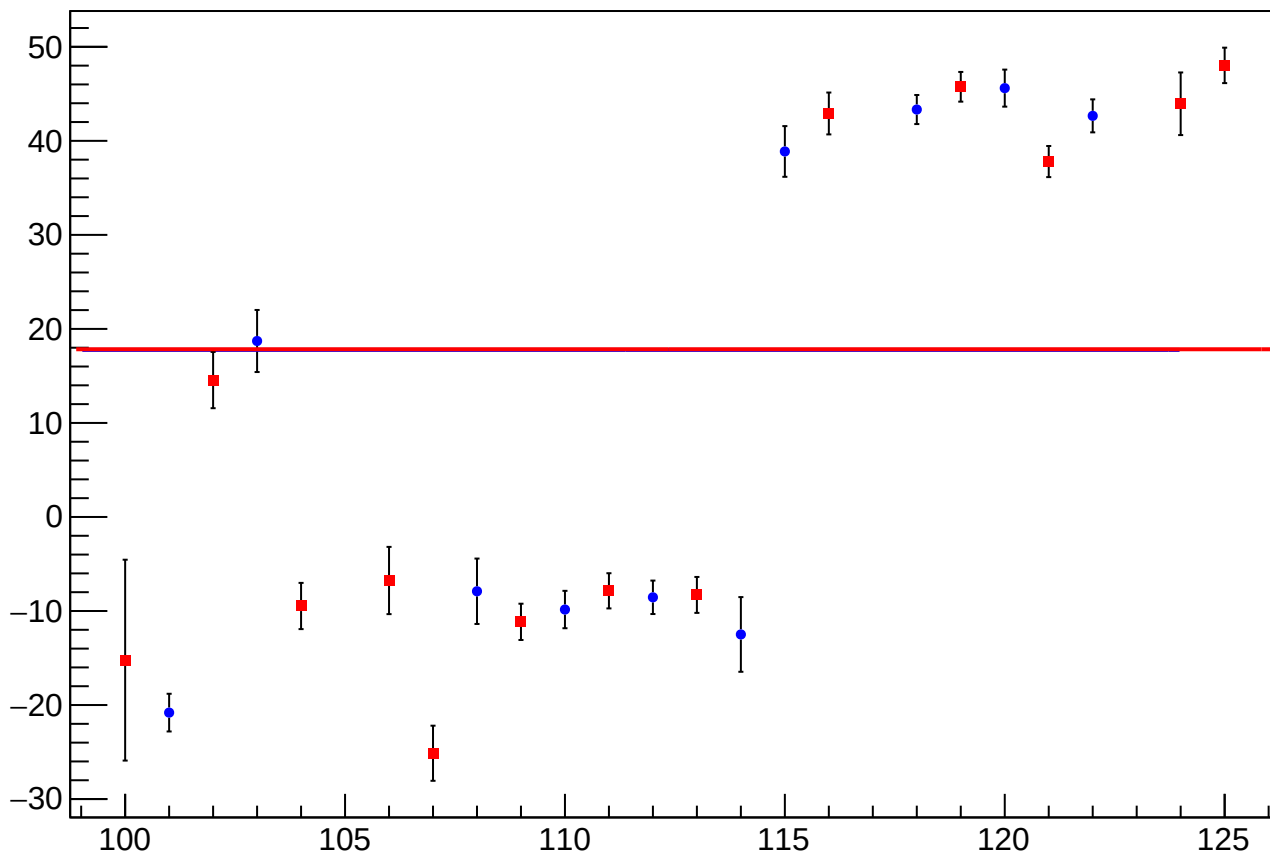
Right: -95.237+/-0.412 χ^2/NDF : 345.6/22

In: -95.265+/-0.620 χ^2/NDF : 70.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -95.237+/-0.412 χ^2/NDF : 345.6/22

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: 17.836+/-0.614 χ^2/NDF : 1900.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

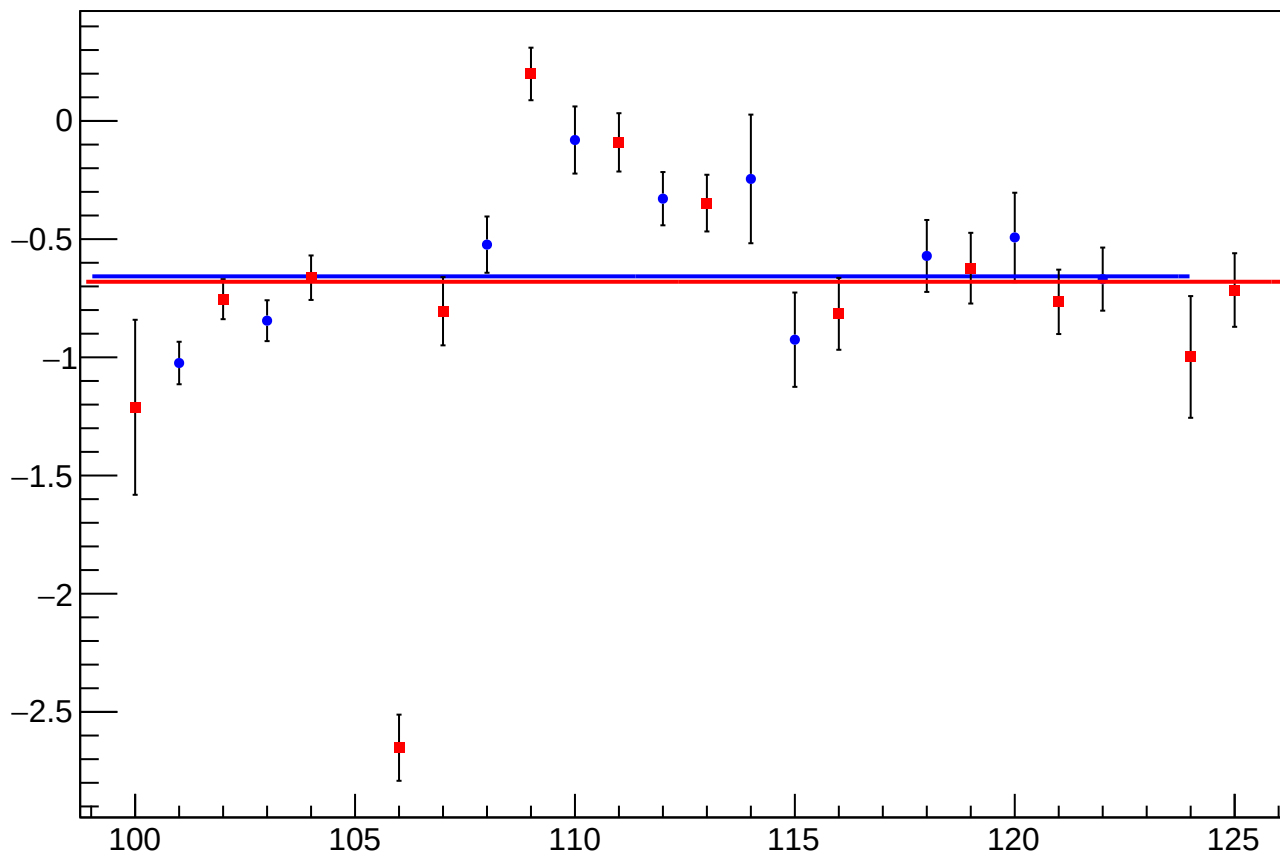
Right: 17.806+/-0.454 χ^2/NDF : 3531.0/22

In: 17.769+/-0.675 χ^2/NDF : 1630.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.806+/-0.454 χ^2/NDF : 3531.0/22

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: -0.680 ± 0.036 χ^2/NDF : 298.0/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

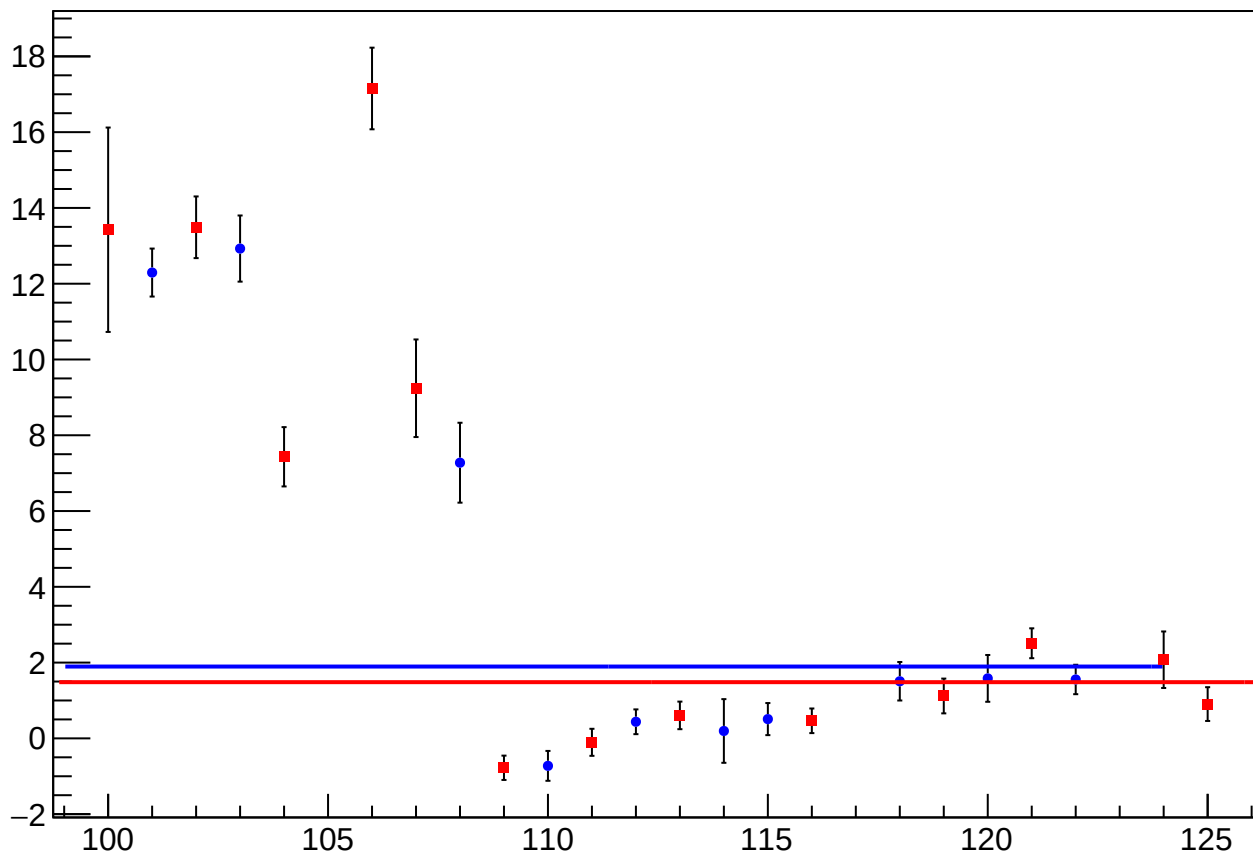
Right: -0.670 ± 0.027 χ^2/NDF : 351.0/22

In: -0.657 ± 0.040 χ^2/NDF : 52.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.670 ± 0.027 χ^2/NDF : 351.0/22

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.896 $\pm$ 0.157 χ^2 /NDF: 536.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.483 $\pm$ 0.132 χ^2 /NDF: 637.7/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

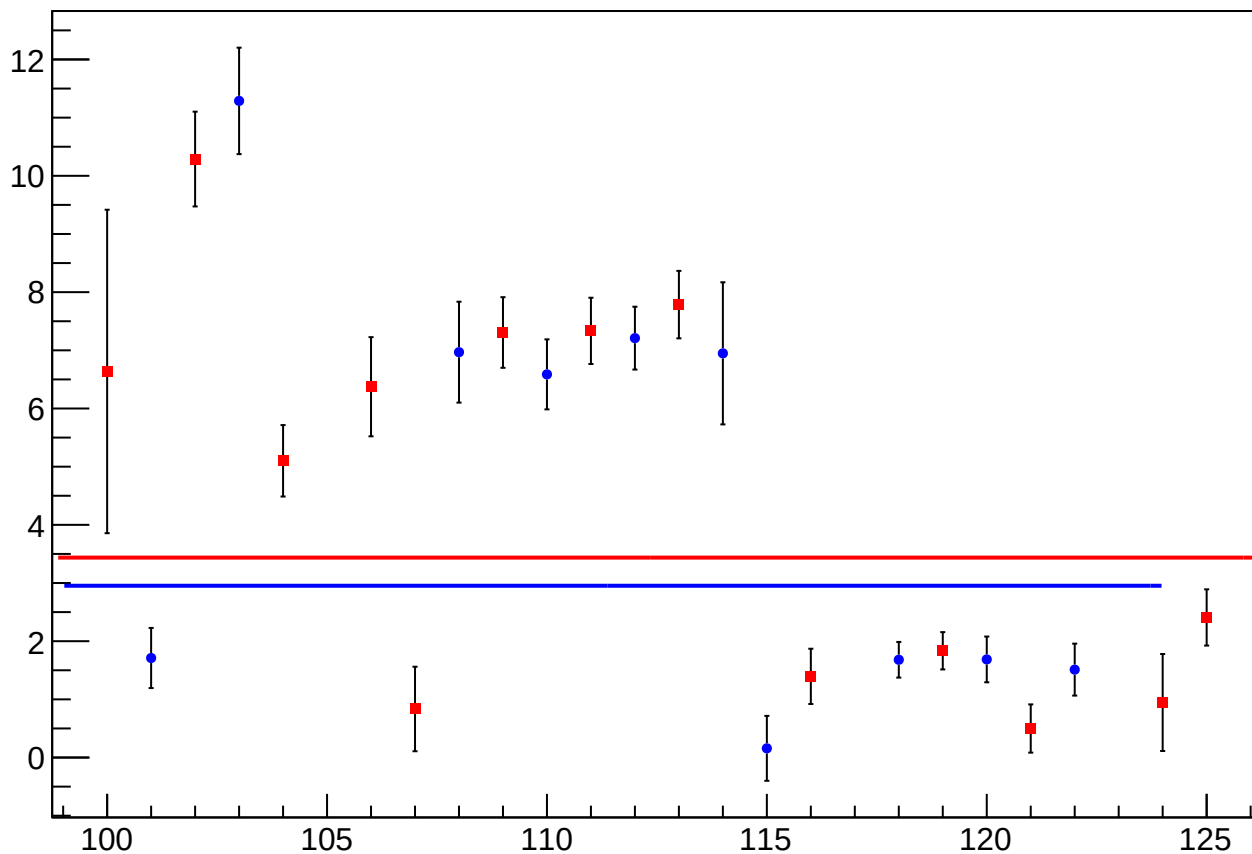
Right: 1.654 $\pm$ 0.101 χ^2 /NDF: 1177.7/22

In: 1.896 $\pm$ 0.157 χ^2 /NDF:536.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.654 $\pm$ 0.101 χ^2 /NDF: 1177.7/22

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: 3.437+/-0.154 χ^2/NDF : 354.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

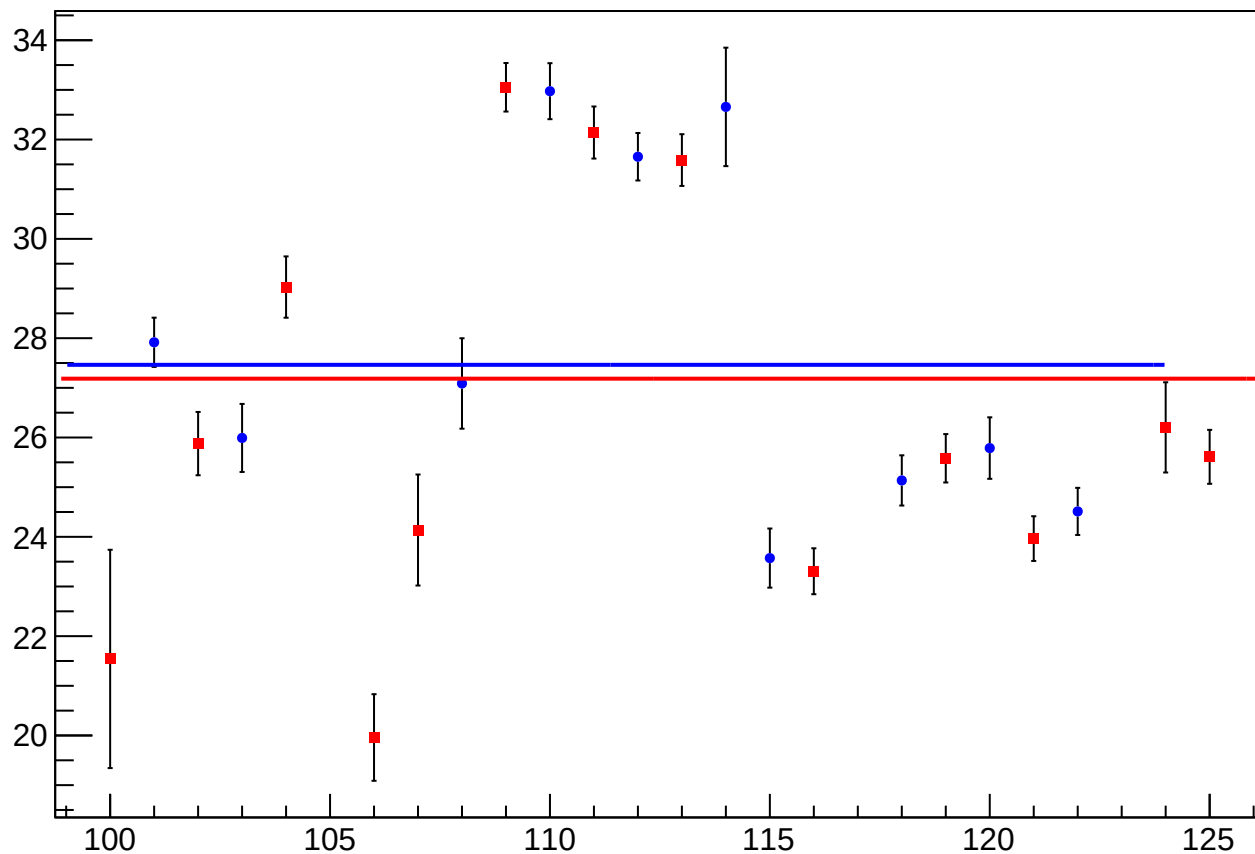
Right: 3.206+/-0.111 χ^2/NDF : 642.2/22

In: 2.953+/-0.161 χ^2/NDF : 282.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.206+/-0.111 χ^2/NDF : 642.2/22

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.464 $\pm$ 0.184 χ^2 /NDF: 306.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 27.185 $\pm$ 0.164 χ^2 /NDF: 542.6/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

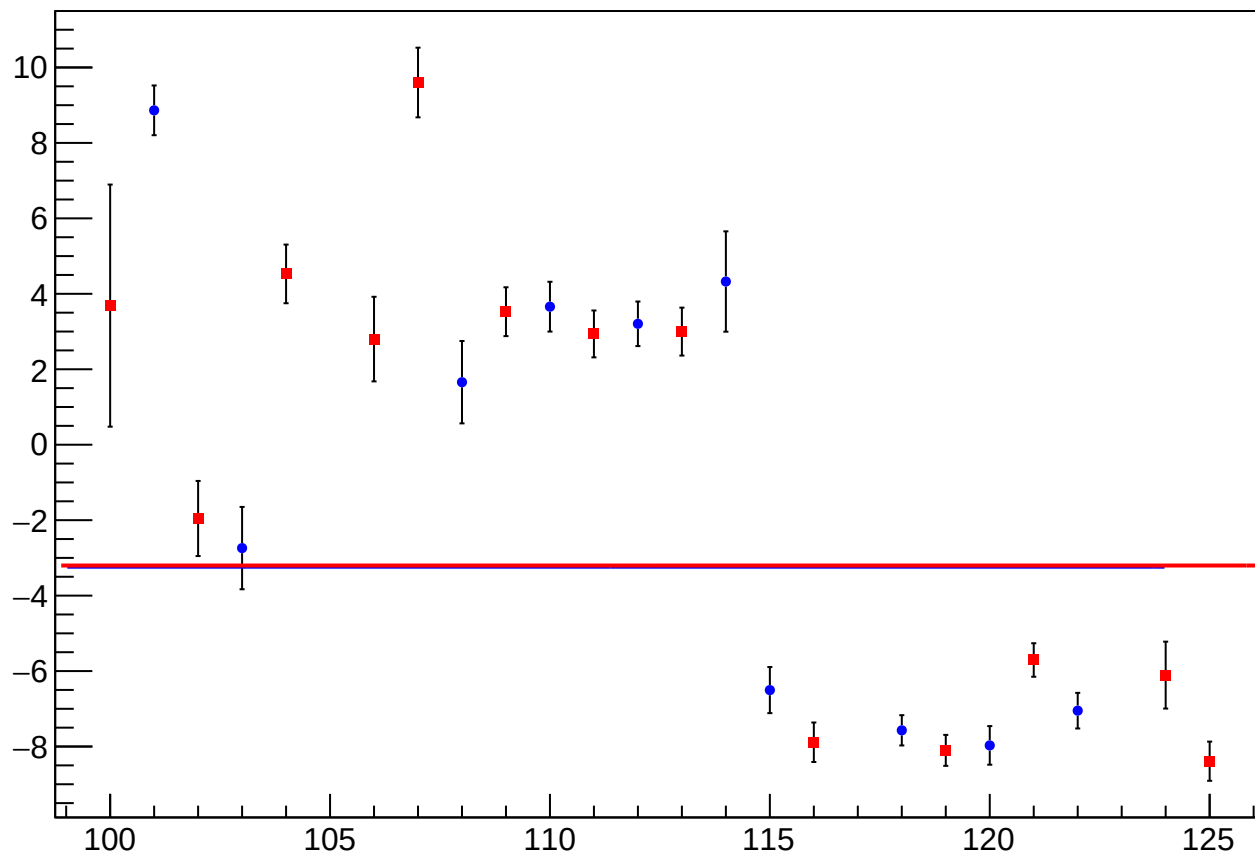
Right: 27.308 $\pm$ 0.122 χ^2 /NDF: 850.7/22

In: 27.464 $\pm$ 0.184 χ^2 /NDF:306.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 27.308 $\pm$ 0.122 χ^2 /NDF: 850.7/22

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: -3.202+/-0.177 χ^2 /NDF: 991.8/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

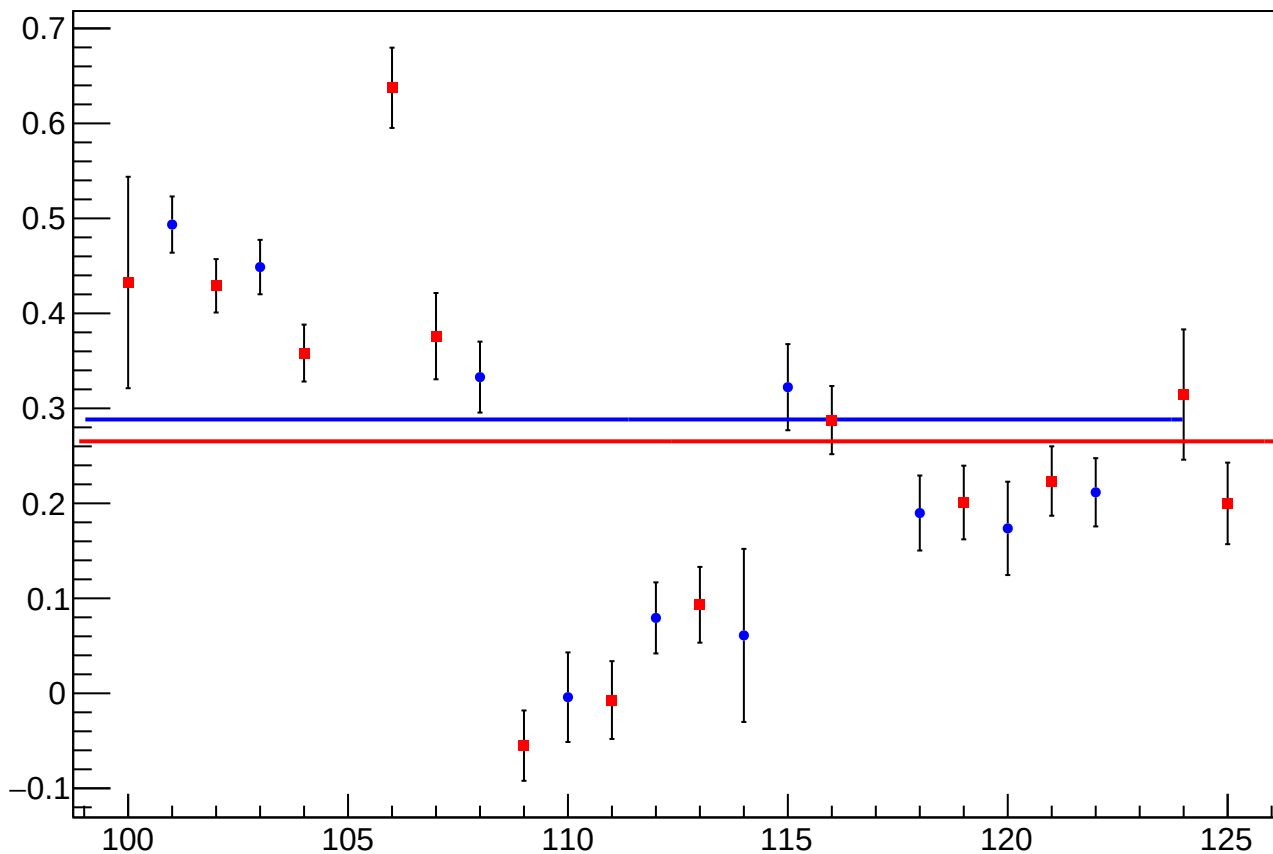
Right: -3.216+/-0.130 χ^2 /NDF: 1905.4/22

In: -3.233+/-0.193 χ^2 /NDF:913.6/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -3.216+/-0.130 χ^2 /NDF: 1905.4/22

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: 0.265+/-0.011 χ^2/NDF : 274.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

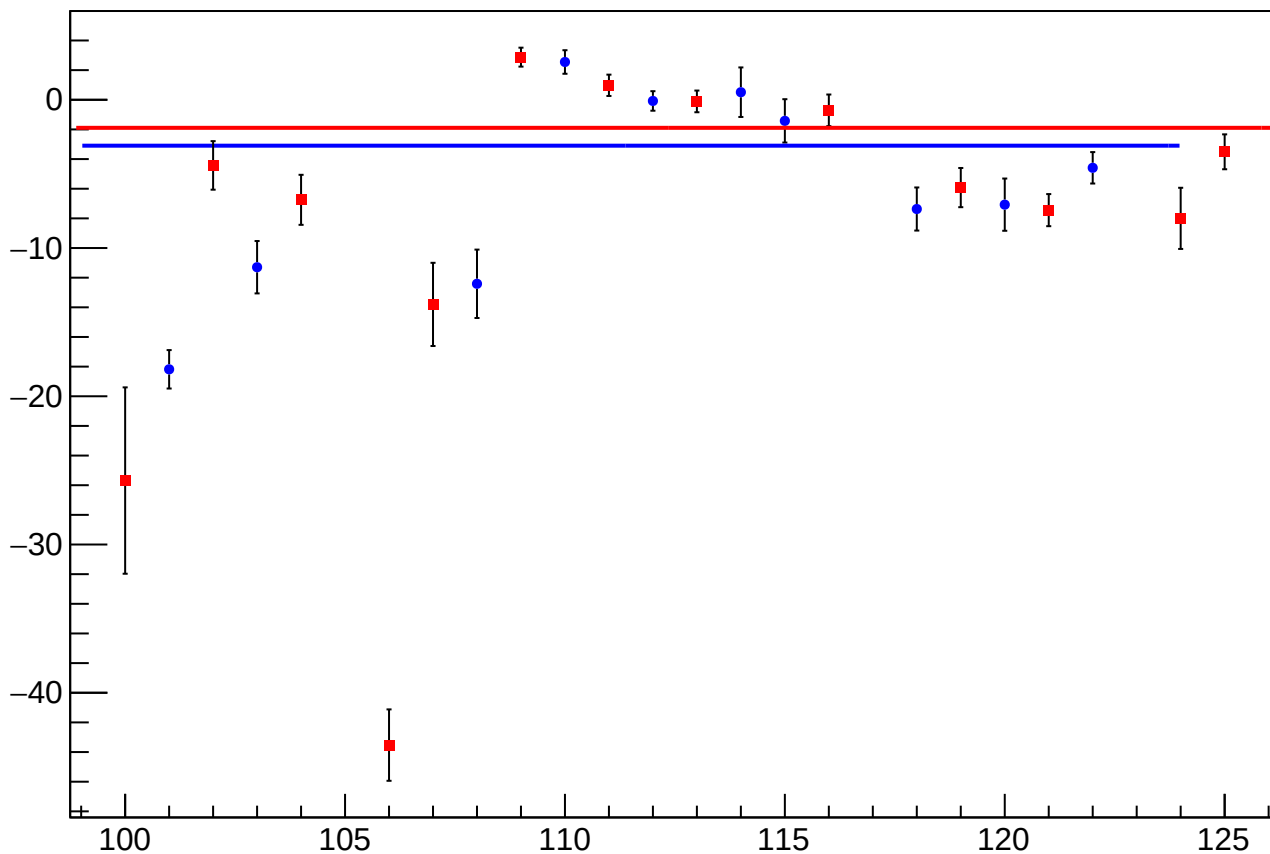
Right: 0.275+/-0.008 χ^2/NDF : 449.8/22

In: 0.288+/-0.012 χ^2/NDF : 173.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.275+/-0.008 χ^2/NDF : 449.8/22

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: -1.892+/-0.308 χ^2 /NDF: 466.9/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

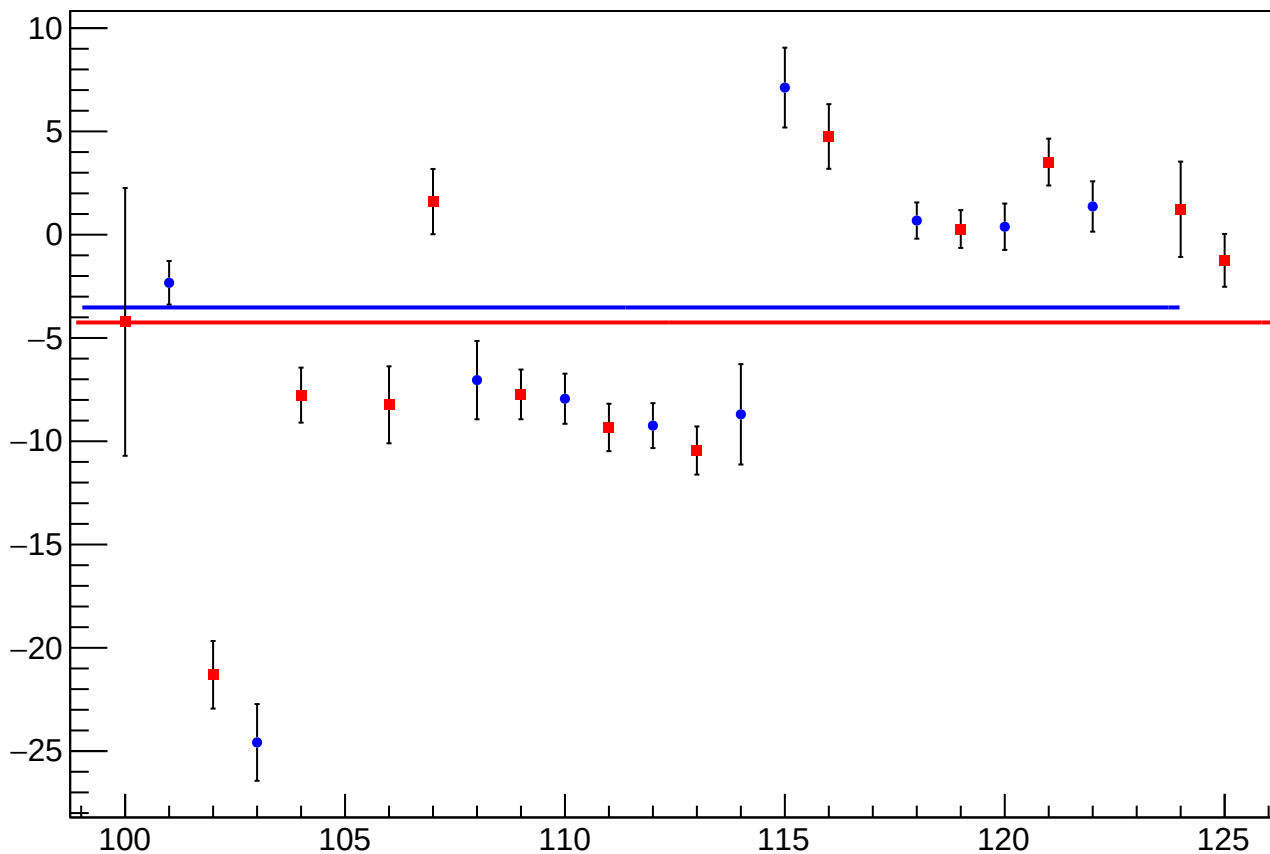
Right: -2.392+/-0.235 χ^2 /NDF: 739.7/22

In: -3.096+/-0.365 χ^2 /NDF:266.4/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2.392+/-0.235 χ^2 /NDF: 739.7/22

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: -4.249+/-0.378 χ^2 /NDF: 306.0/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

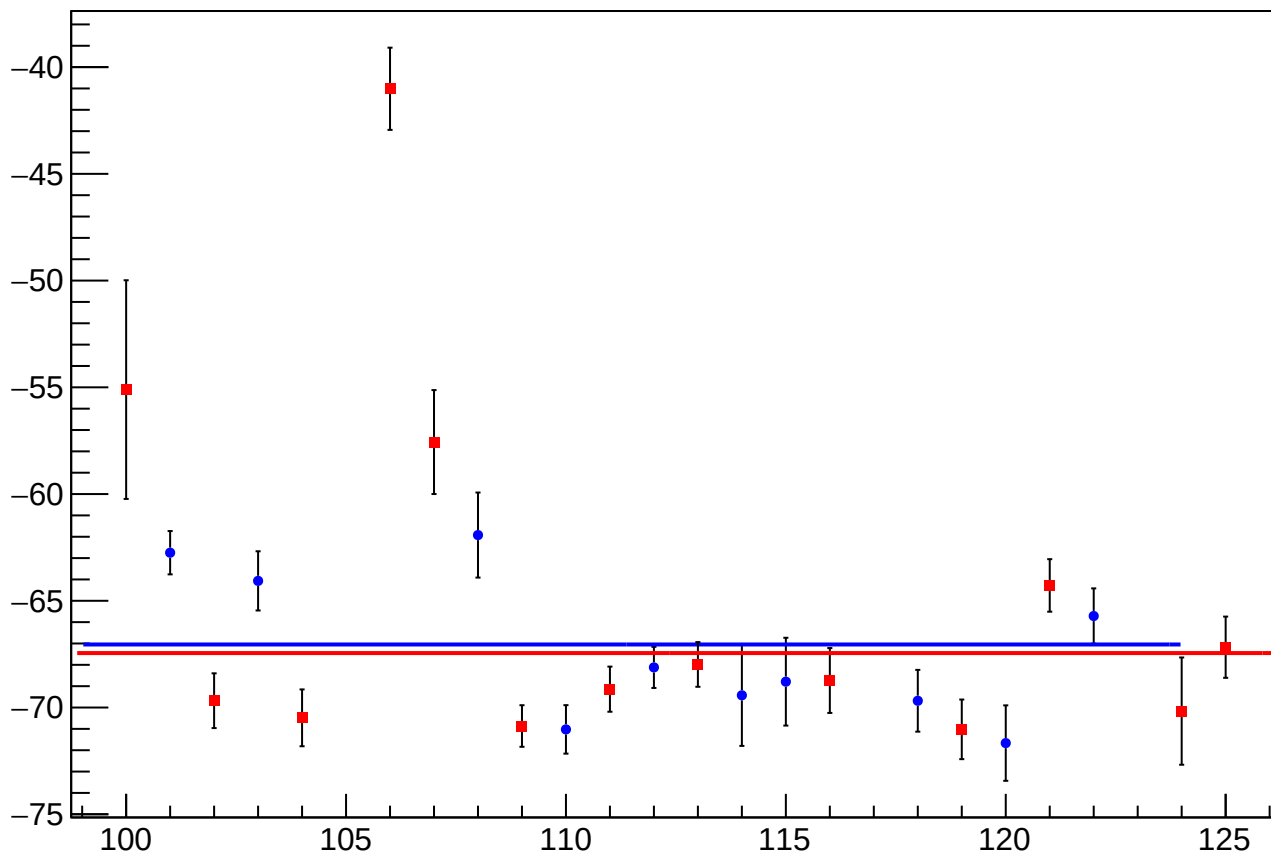
Right: -3.909+/-0.275 χ^2 /NDF: 568.0/22

In: -3.523+/-0.402 χ^2 /NDF:260.3/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -3.909+/-0.275 χ^2 /NDF: 568.0/22

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: -67.449+/-0.385 χ^2/NDF : 249.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

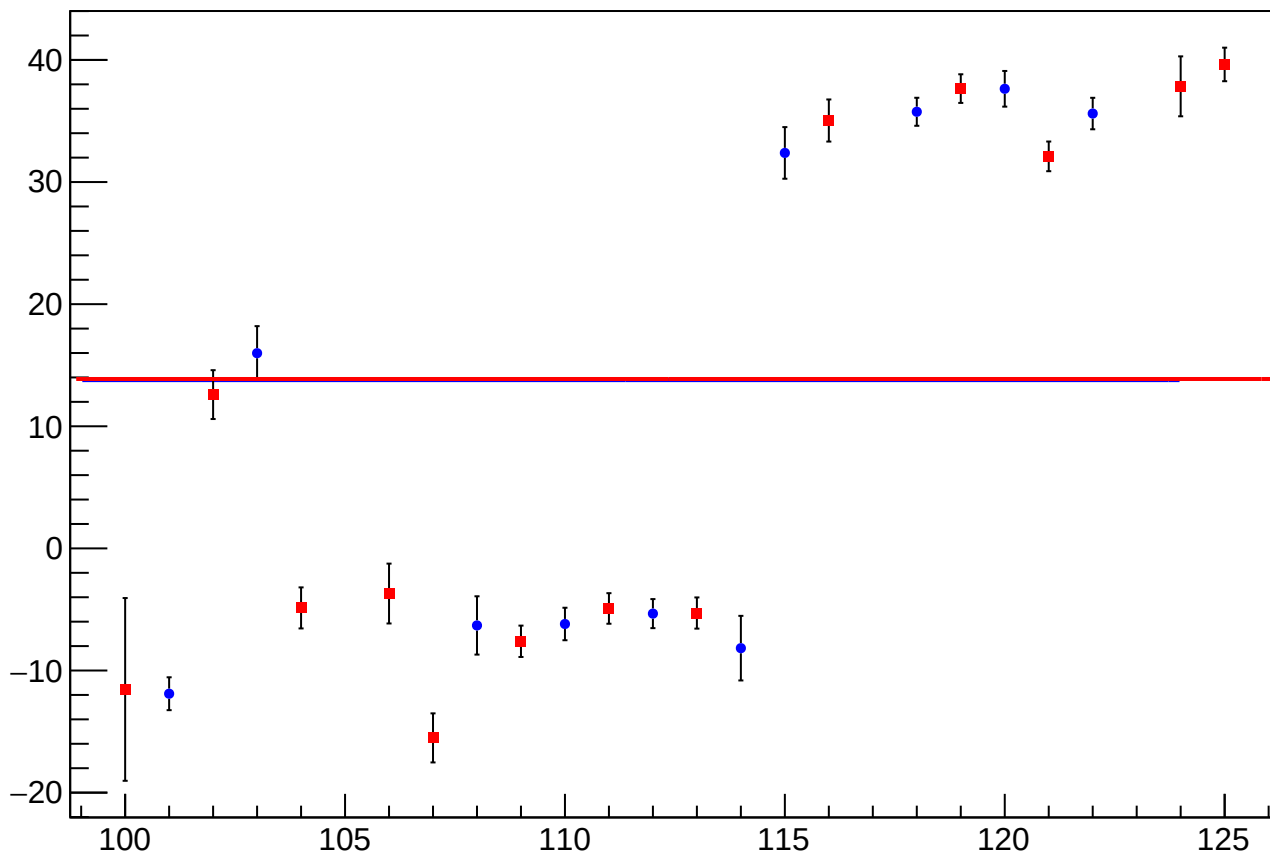
Right: -67.270+/-0.287 χ^2/NDF : 305.3/22

In: -67.047+/-0.430 χ^2/NDF : 55.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -67.270+/-0.287 χ^2/NDF : 305.3/22

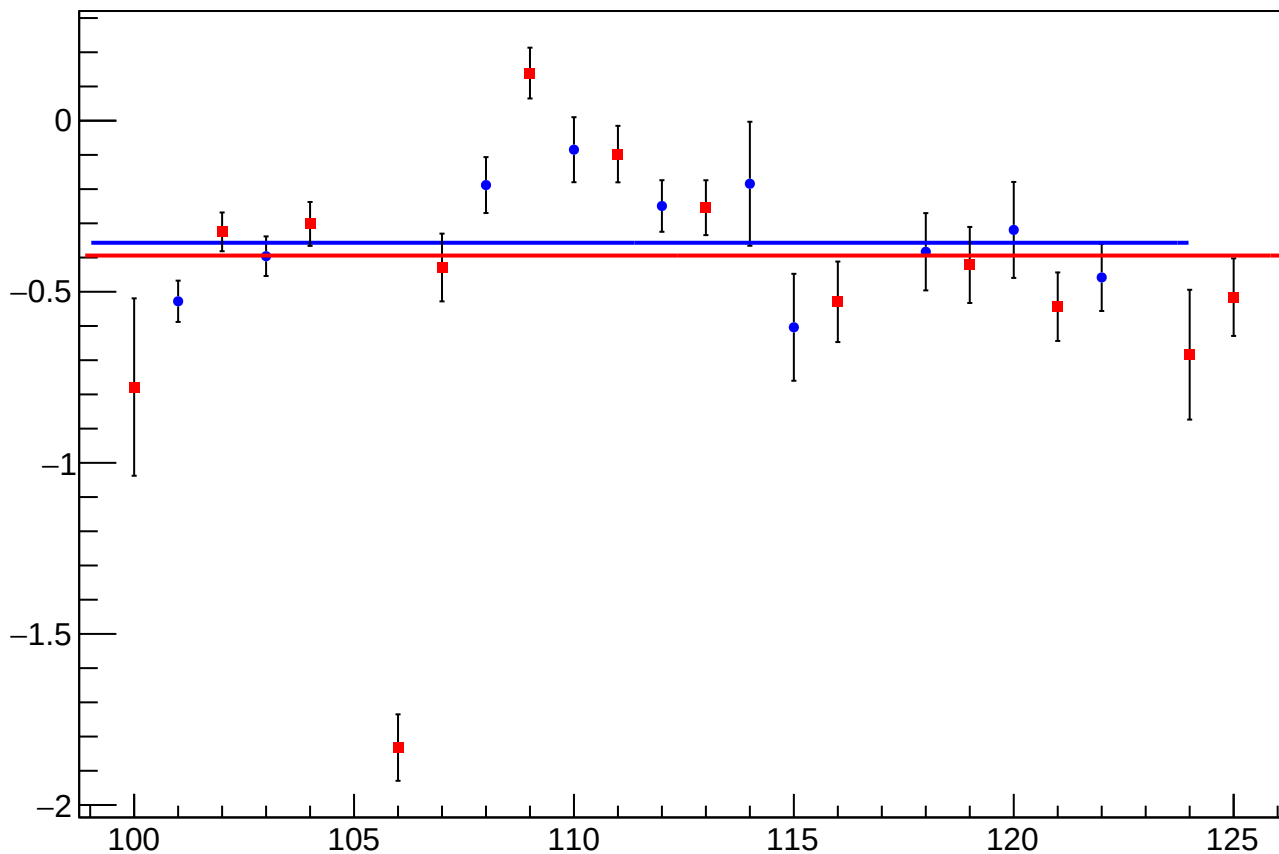
reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 13.872+/-0.433 χ^2/NDF : 2366.4/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 13.831+/-0.321 χ^2/NDF : 4352.9/22
 In: 13.780+/-0.477 χ^2/NDF : 1986.4/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 13.831+/-0.321 χ^2/NDF : 4352.9/22

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: -0.394+/-0.025 χ^2 /NDF: 299.7/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

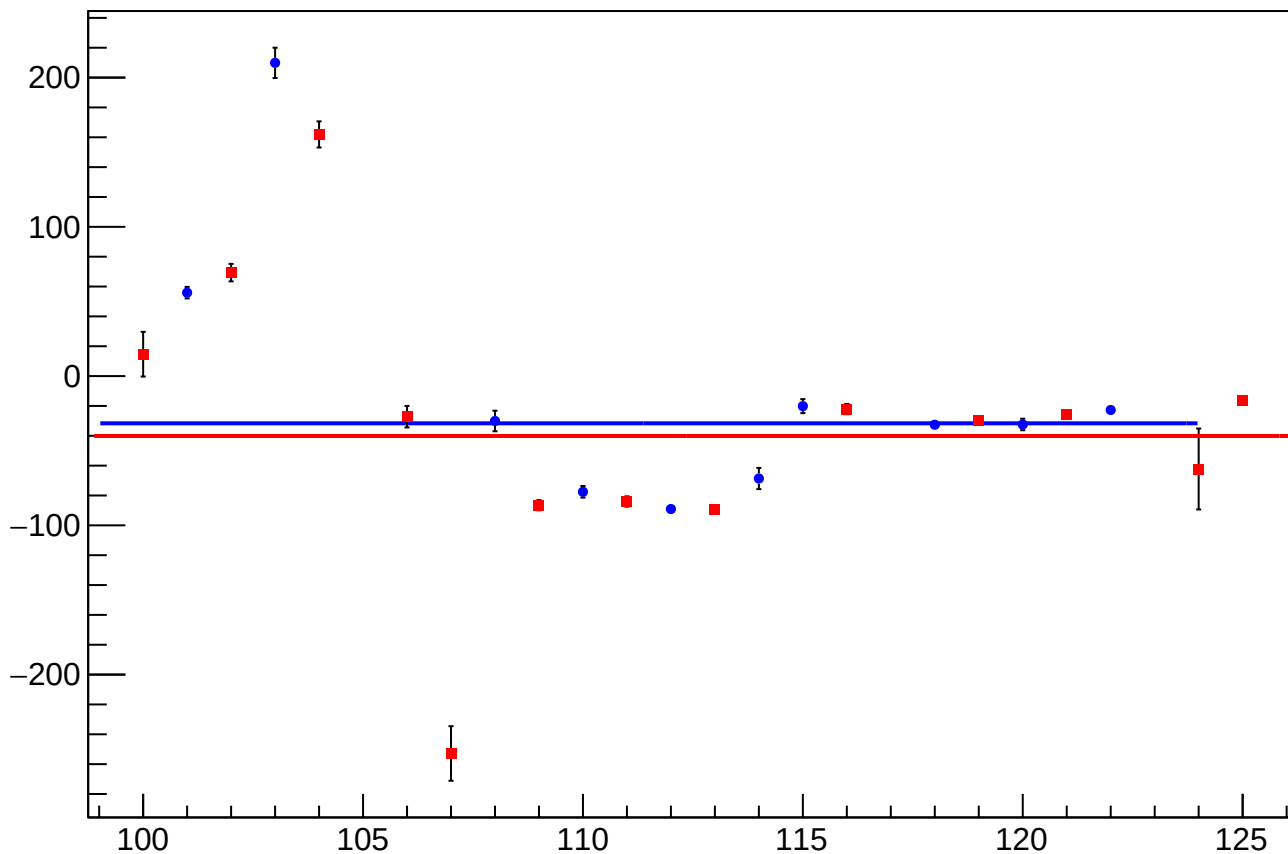
Right: -0.377+/-0.018 χ^2 /NDF: 328.3/22

In: -0.357+/-0.028 χ^2 /NDF:27.6/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.377+/-0.018 χ^2 /NDF: 328.3/22

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: -40.118+/-1.167 χ^2/NDF : 1715.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

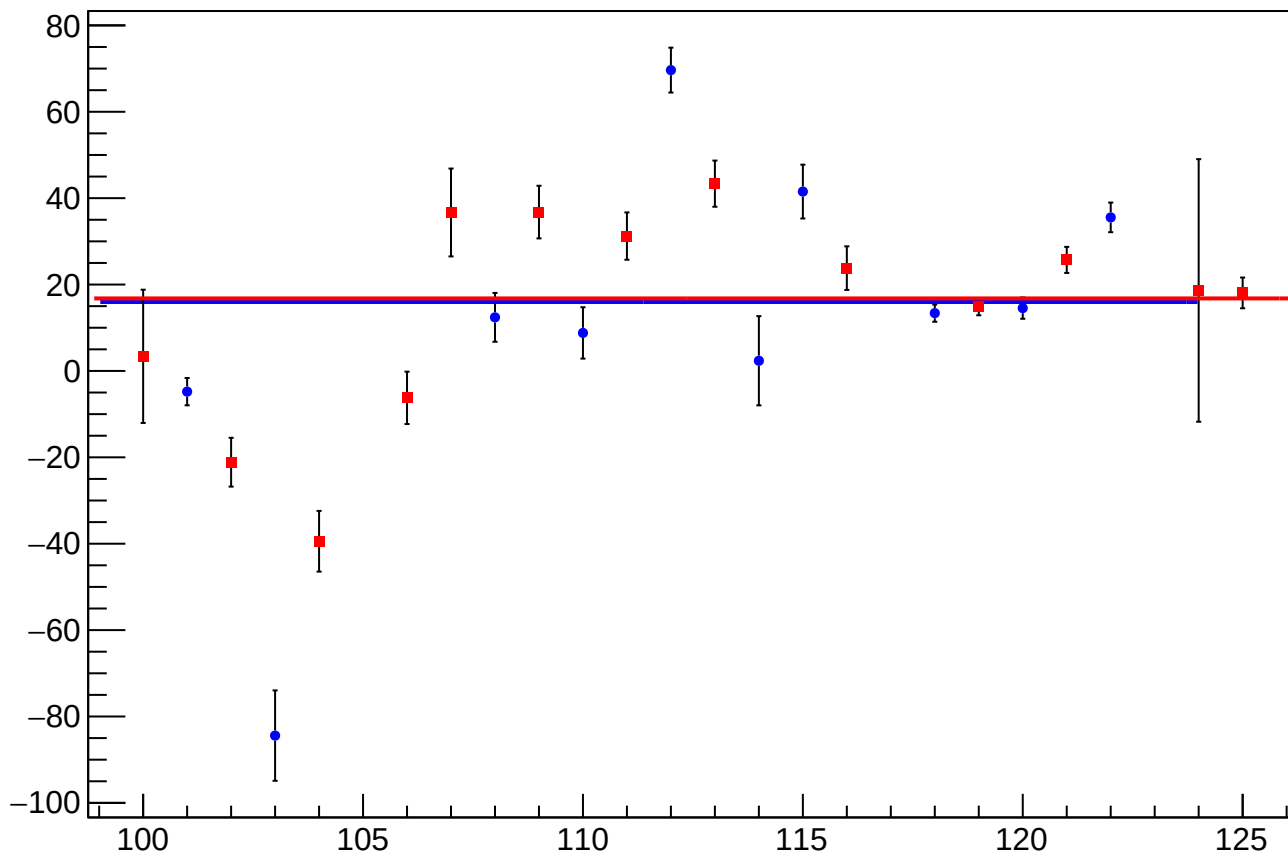
Right: -36.300+/-0.865 χ^2/NDF : 3333.9/22

In: -31.638+/-1.289 χ^2/NDF : 1594.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.300+/-0.865 χ^2/NDF : 3333.9/22

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: 16.790+/-1.220 χ^2/NDF : 182.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

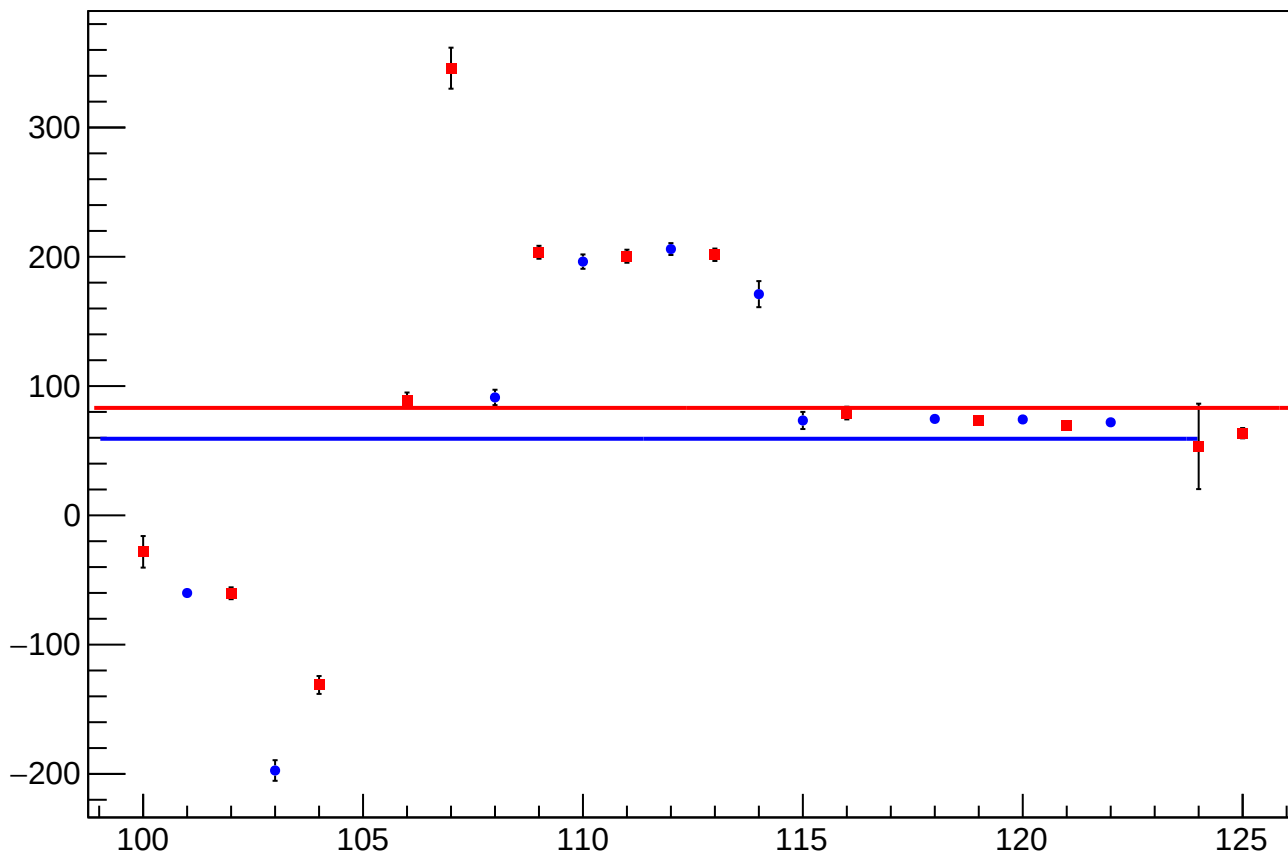
Right: 16.356+/-0.841 χ^2/NDF : 479.3/22

In: 15.964+/-1.161 χ^2/NDF : 296.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.356+/-0.841 χ^2/NDF : 479.3/22

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: 83.116+/-1.369 χ^2/NDF : 4080.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

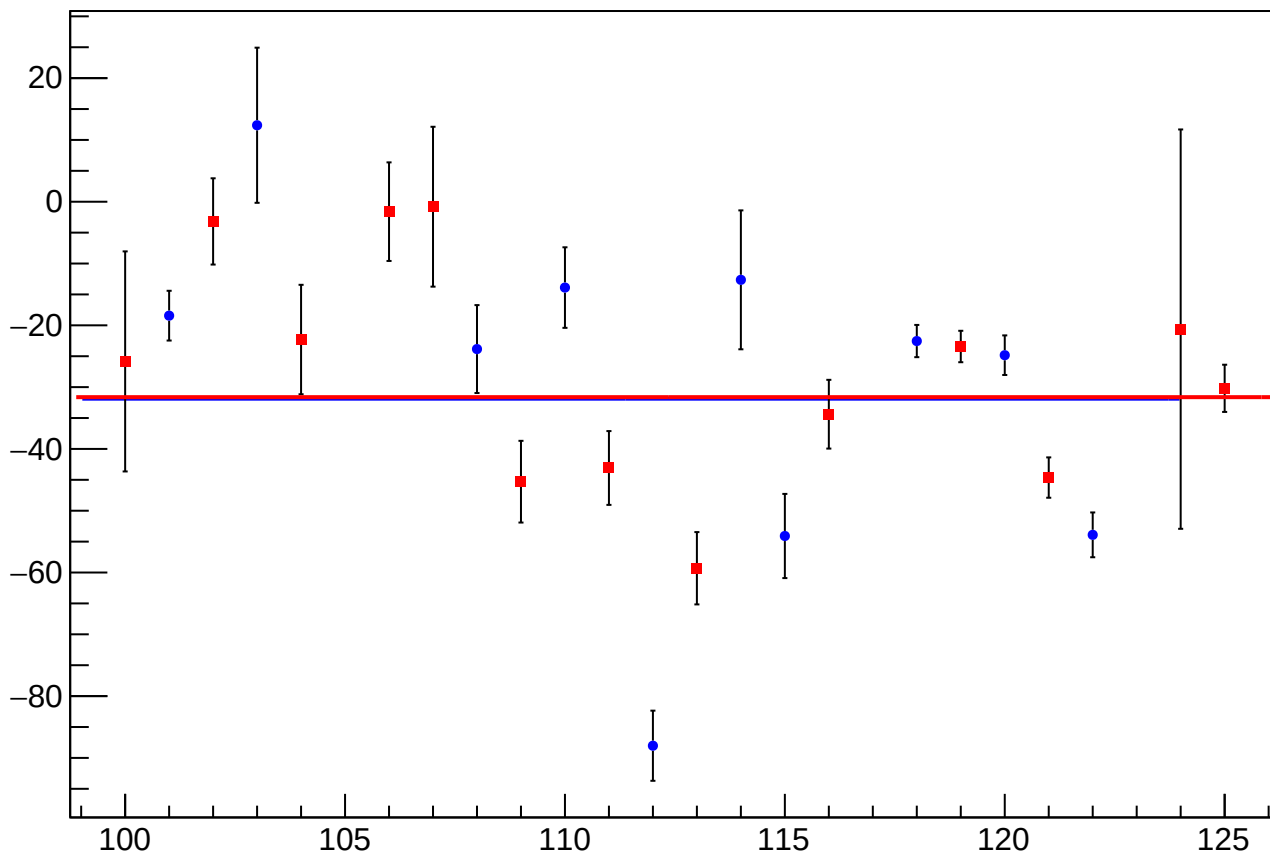
Right: 71.570+/-0.984 χ^2/NDF : 8654.1/22

In: 59.241+/-1.415 χ^2/NDF : 4426.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.570+/-0.984 χ^2/NDF : 8654.1/22

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: -31.624+/-1.431 χ^2/NDF : 94.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

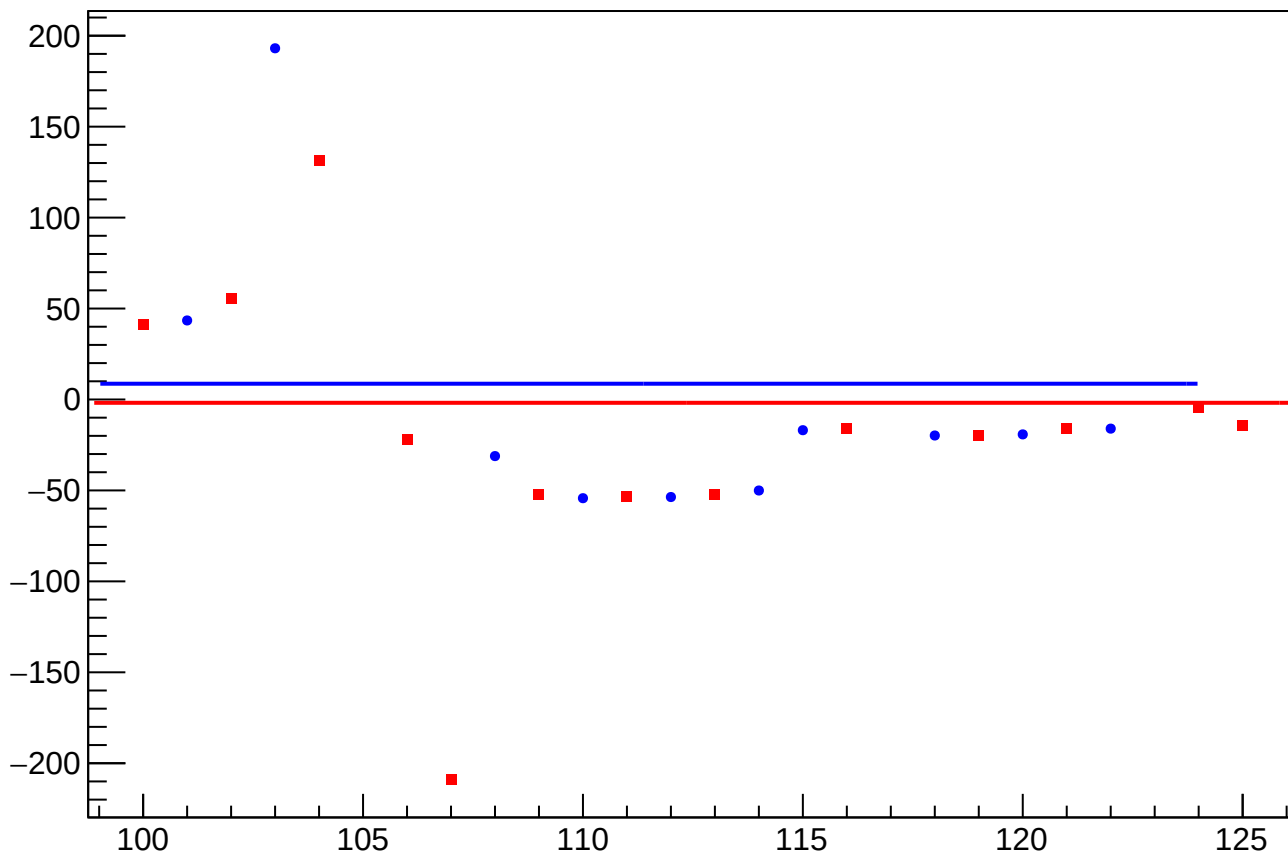
Right: -31.746+/-1.010 χ^2/NDF : 293.3/22

In: -31.867+/-1.425 χ^2/NDF :198.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -31.746+/-1.010 χ^2/NDF : 293.3/22

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: -1.826+/-0.091 χ^2/NDF : 415914.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

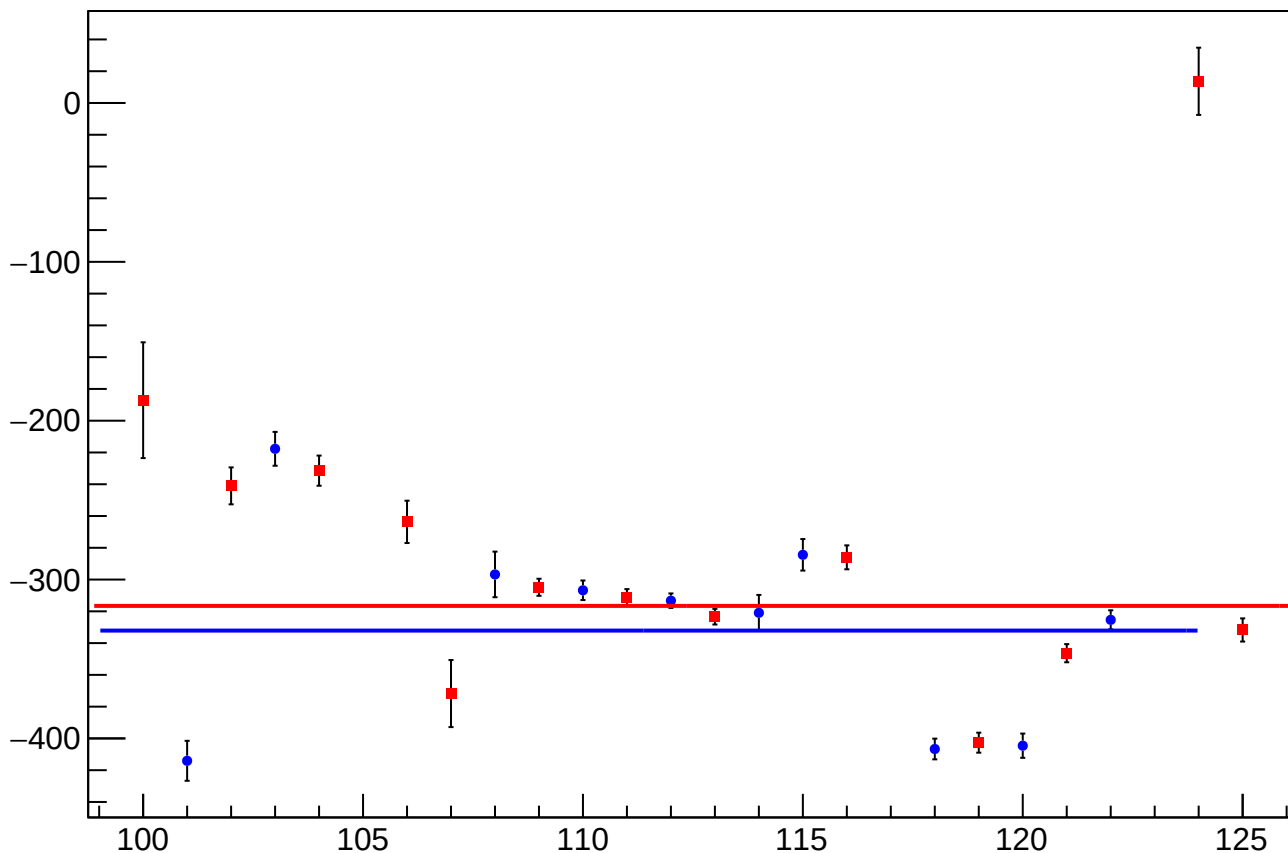
Right: 3.267+/-0.065 χ^2/NDF : 873512.7/22

In: 8.664+/-0.094 χ^2/NDF : 451154.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.267+/-0.065 χ^2/NDF : 873512.7/22

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: -316.574+/-2.065 χ^2/NDF : 644.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

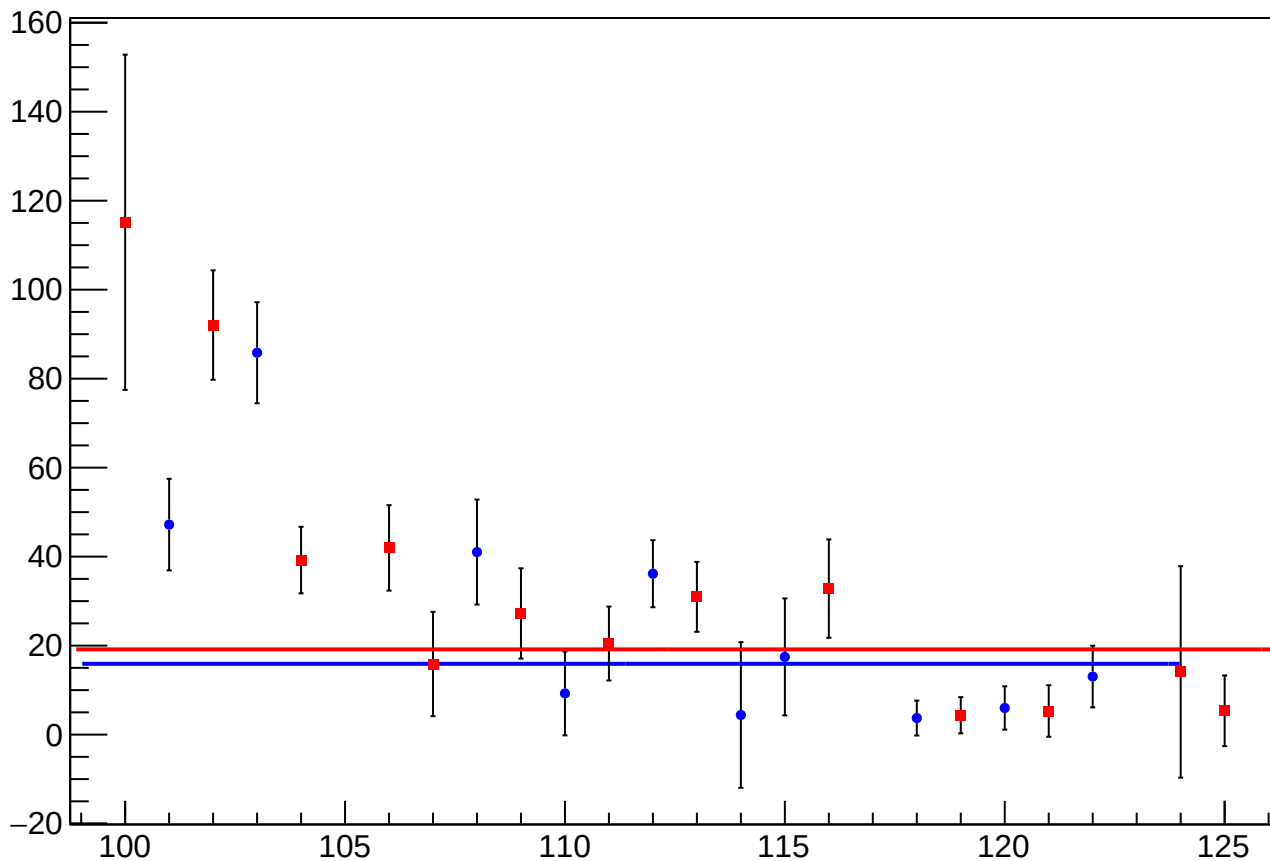
Right: -323.345+/-1.551 χ^2/NDF : 1113.5/22

In: -332.119+/-2.350 χ^2/NDF :444.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -323.345+/-1.551 χ^2/NDF : 1113.5/22

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: 19.154 $\pm$ 2.238 χ^2 /NDF: 81.0/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

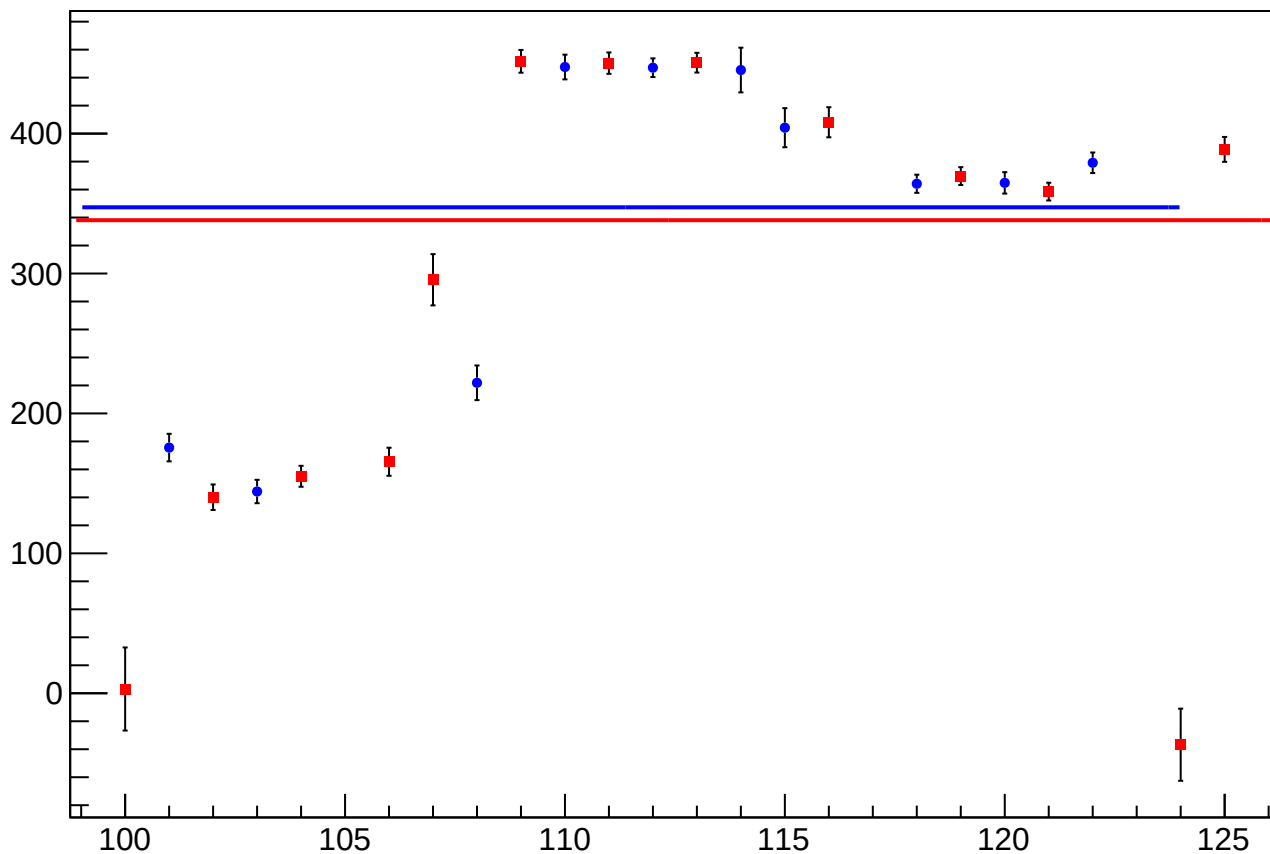
Right: 17.571 $\pm$ 1.601 χ^2 /NDF: 155.9/22

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: 17.571 $\pm$ 1.601 χ^2 /NDF: 155.9/22

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: 338.101+/-2.435 χ^2 /NDF: 2485.9/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

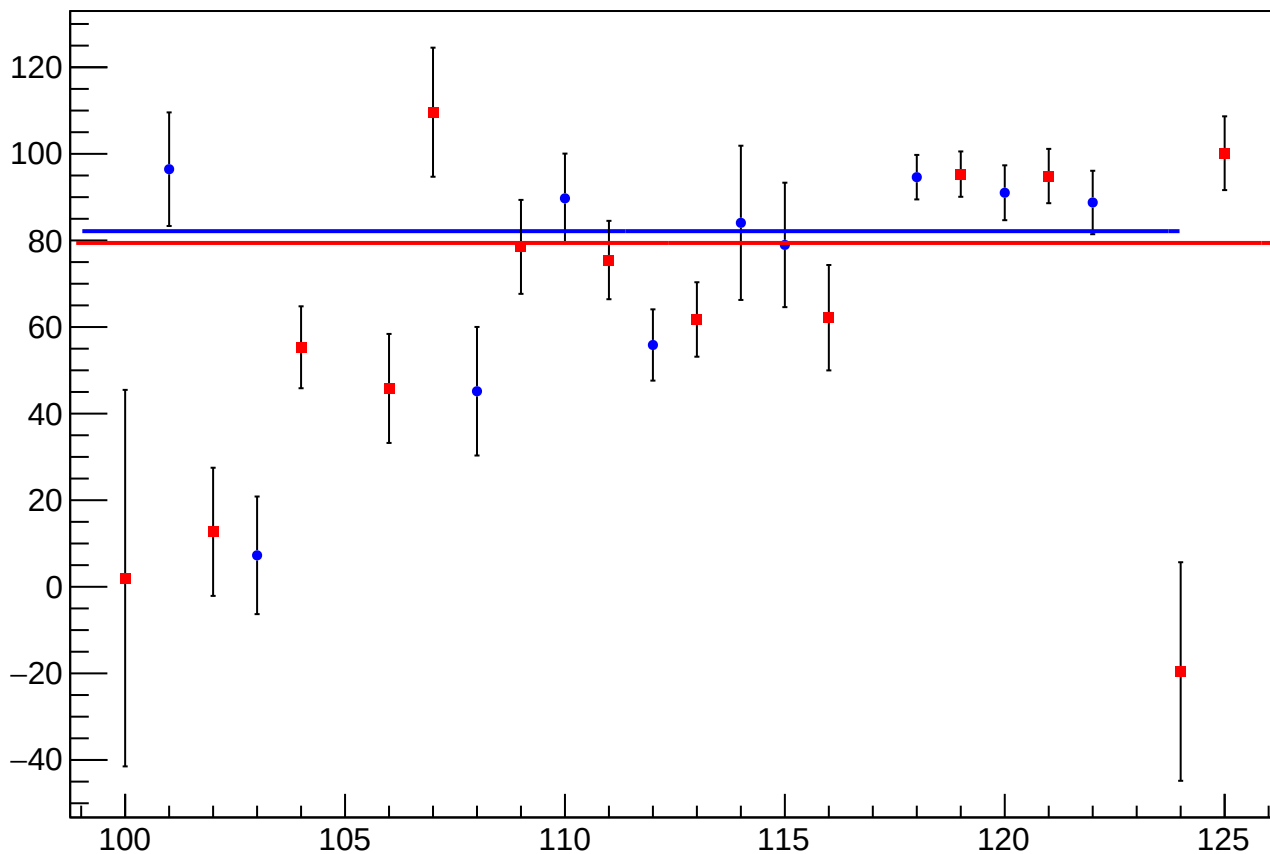
Right: 342.196+/-1.815 χ^2 /NDF: 3927.1/22

In: 347.317+/-2.723 χ^2 /NDF:1434.9/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 342.196+/-1.815 χ^2 /NDF: 3927.1/22

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: 79.422+/-2.624 χ^2/NDF : 84.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

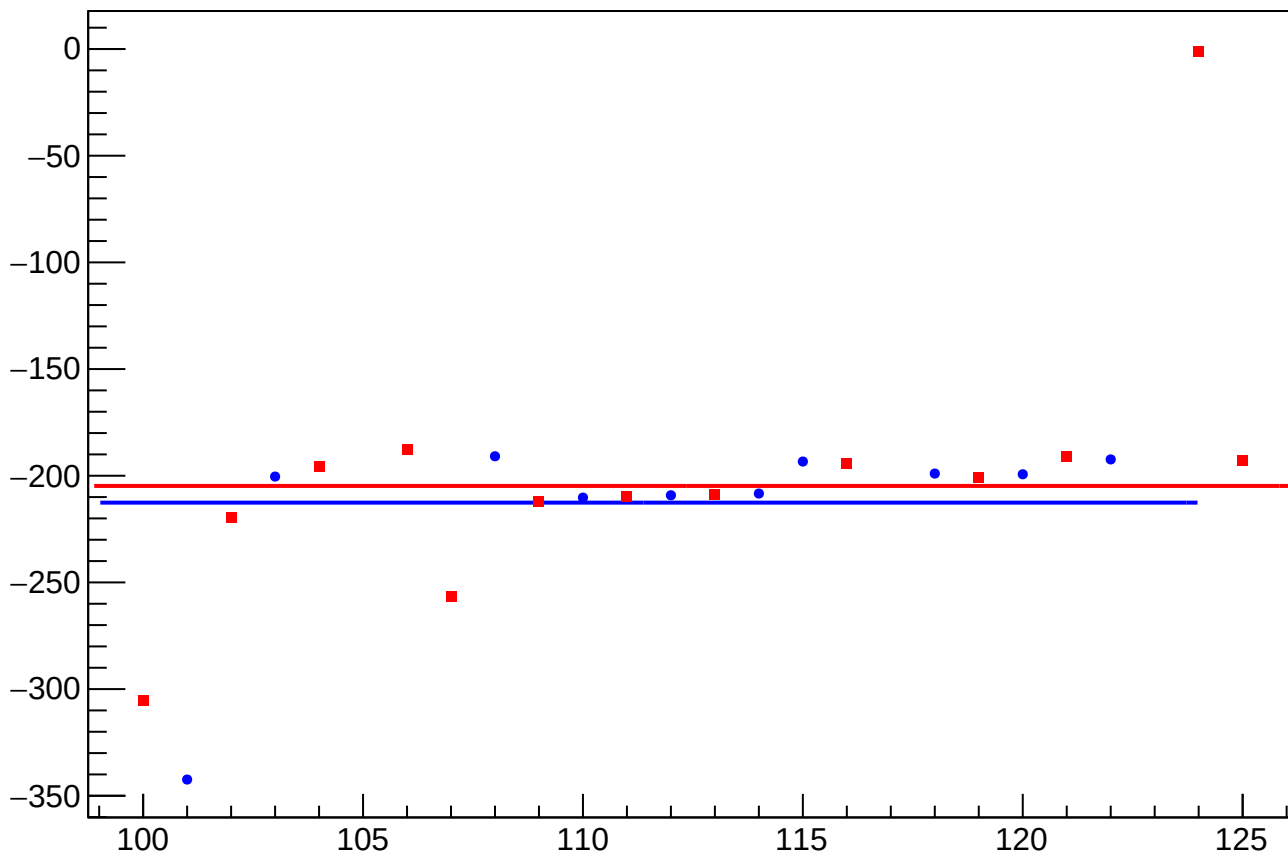
Right: 80.703+/-1.909 χ^2/NDF : 142.0/22

In: 82.143+/-2.781 χ^2/NDF : 57.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.703+/-1.909 χ^2/NDF : 142.0/22

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: -204.778+/-0.158 χ^2/NDF : 24768.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

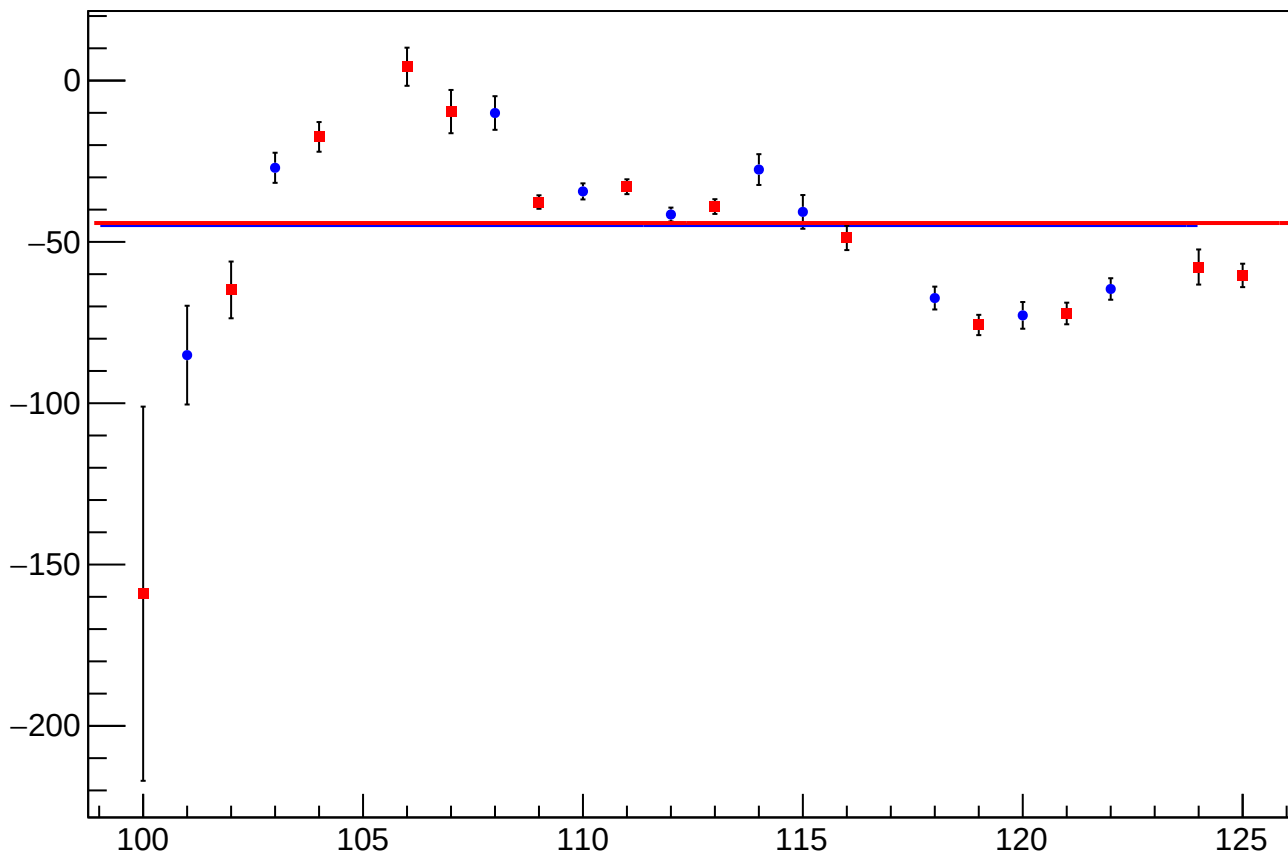
Right: -208.250+/-0.118 χ^2/NDF : 80483.6/22

In: -212.605+/-0.177 χ^2/NDF : 54630.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -208.250+/-0.118 χ^2/NDF : 80483.6/22

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: -44.150+/-0.958 χ^2/NDF : 374.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

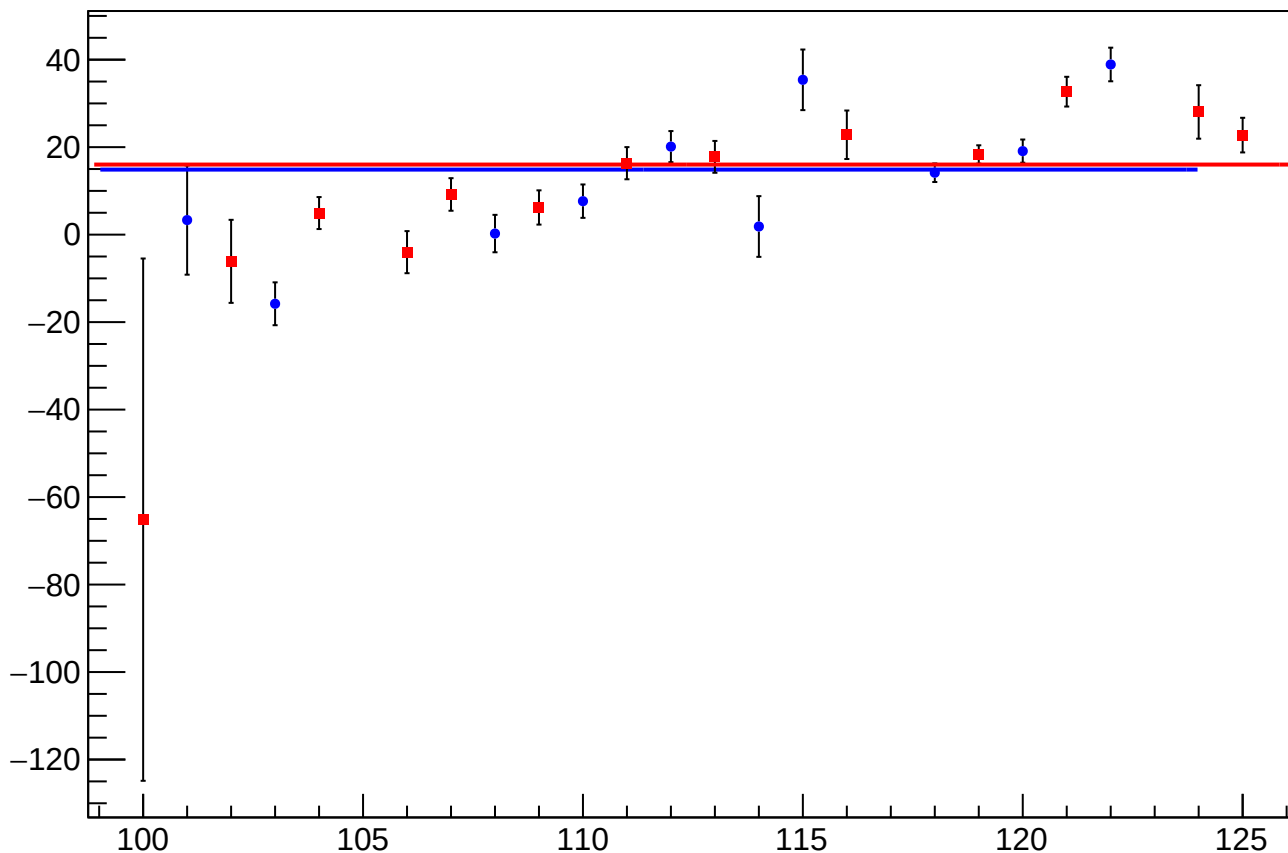
Right: -44.413+/-0.732 χ^2/NDF : 595.5/22

In: -44.783+/-1.137 χ^2/NDF :221.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -44.413+/-0.732 χ^2/NDF : 595.5/22

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.868+/-1.175 χ^2/NDF : 111.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.020+/-1.083 χ^2/NDF : 77.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

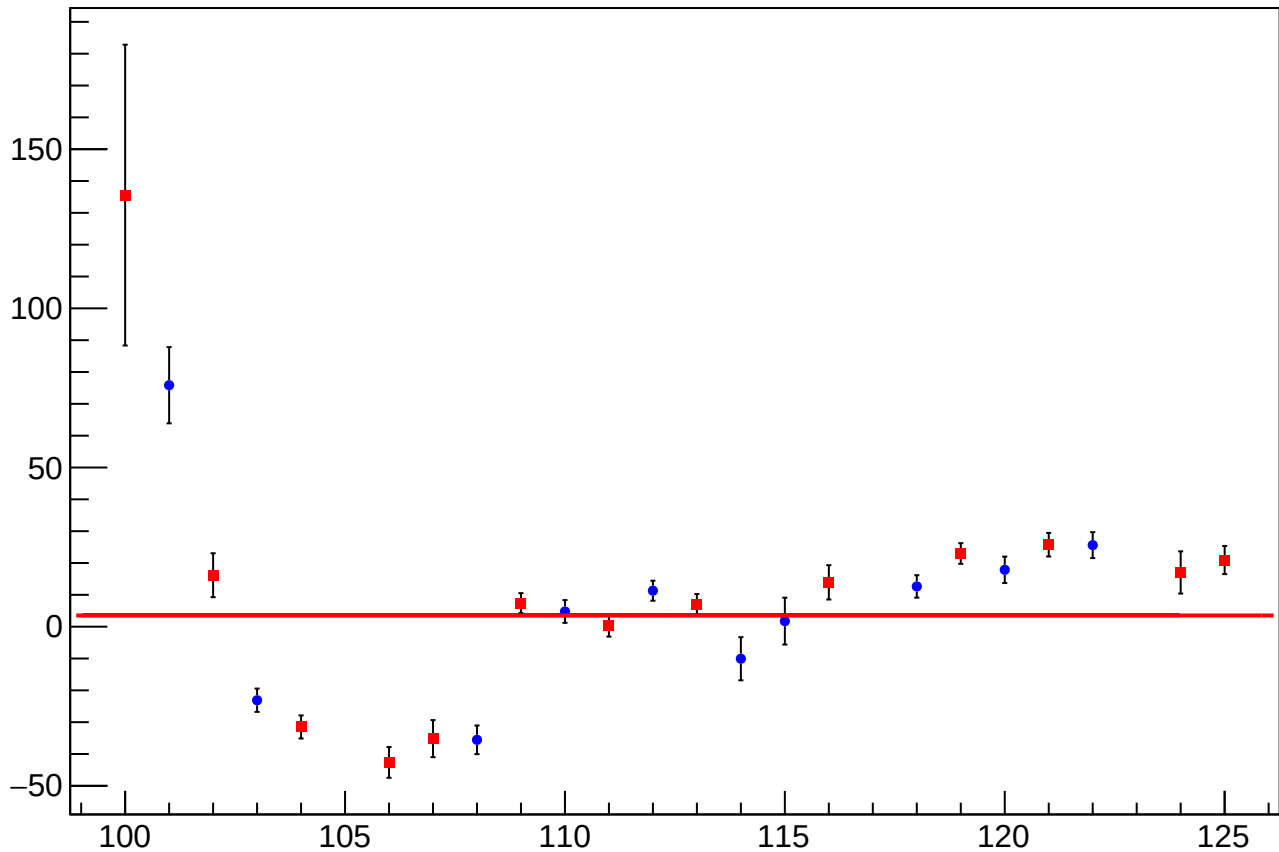
Right: 15.491+/-0.796 χ^2/NDF : 189.3/22

In: 14.868+/-1.175 χ^2/NDF : 111.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.491+/-0.796 χ^2/NDF : 189.3/22

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: 3.520+/-1.172 χ^2/NDF : 338.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

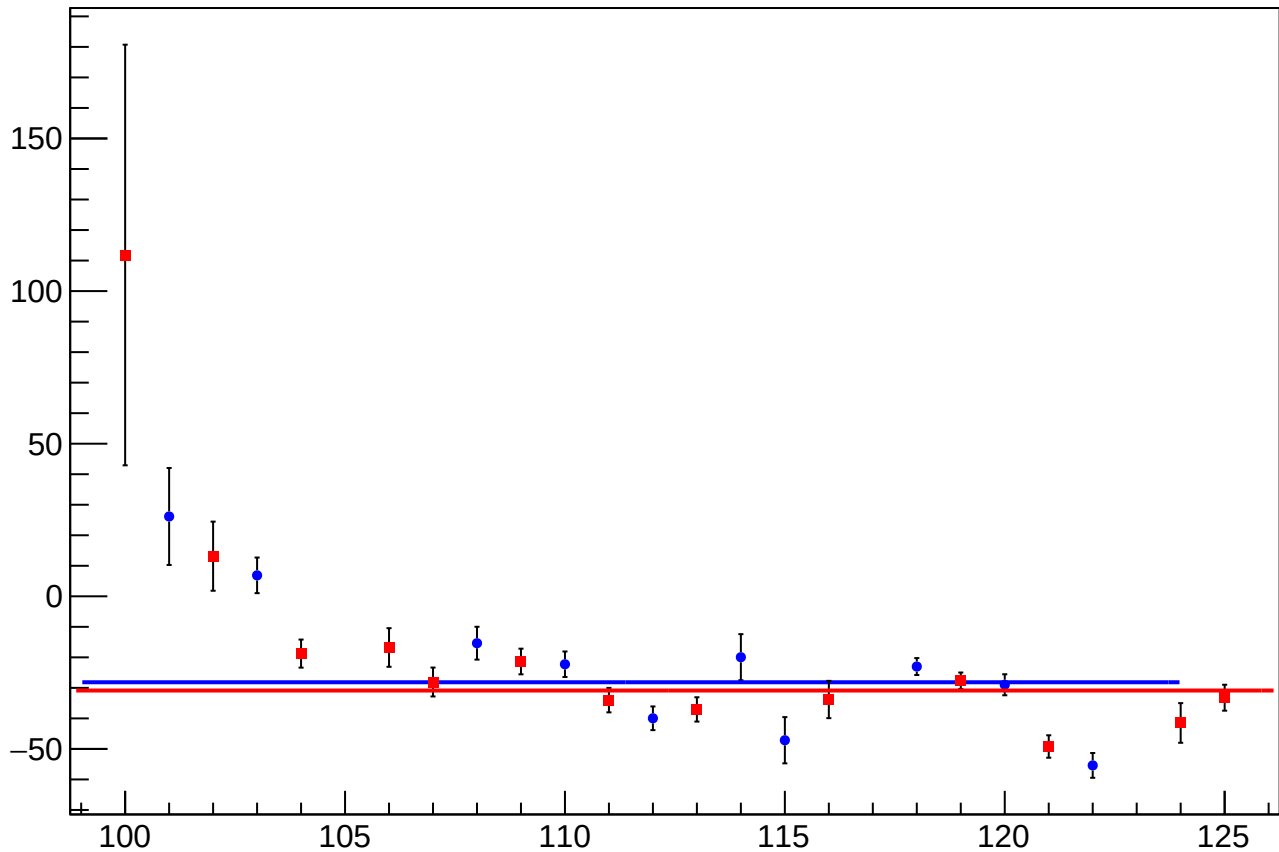
Right: 3.557+/-0.885 χ^2/NDF : 561.9/22

In: 3.605+/-1.349 χ^2/NDF : 223.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.557+/-0.885 χ^2/NDF : 561.9/22

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: -30.866+/-1.265 χ^2/NDF : 69.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

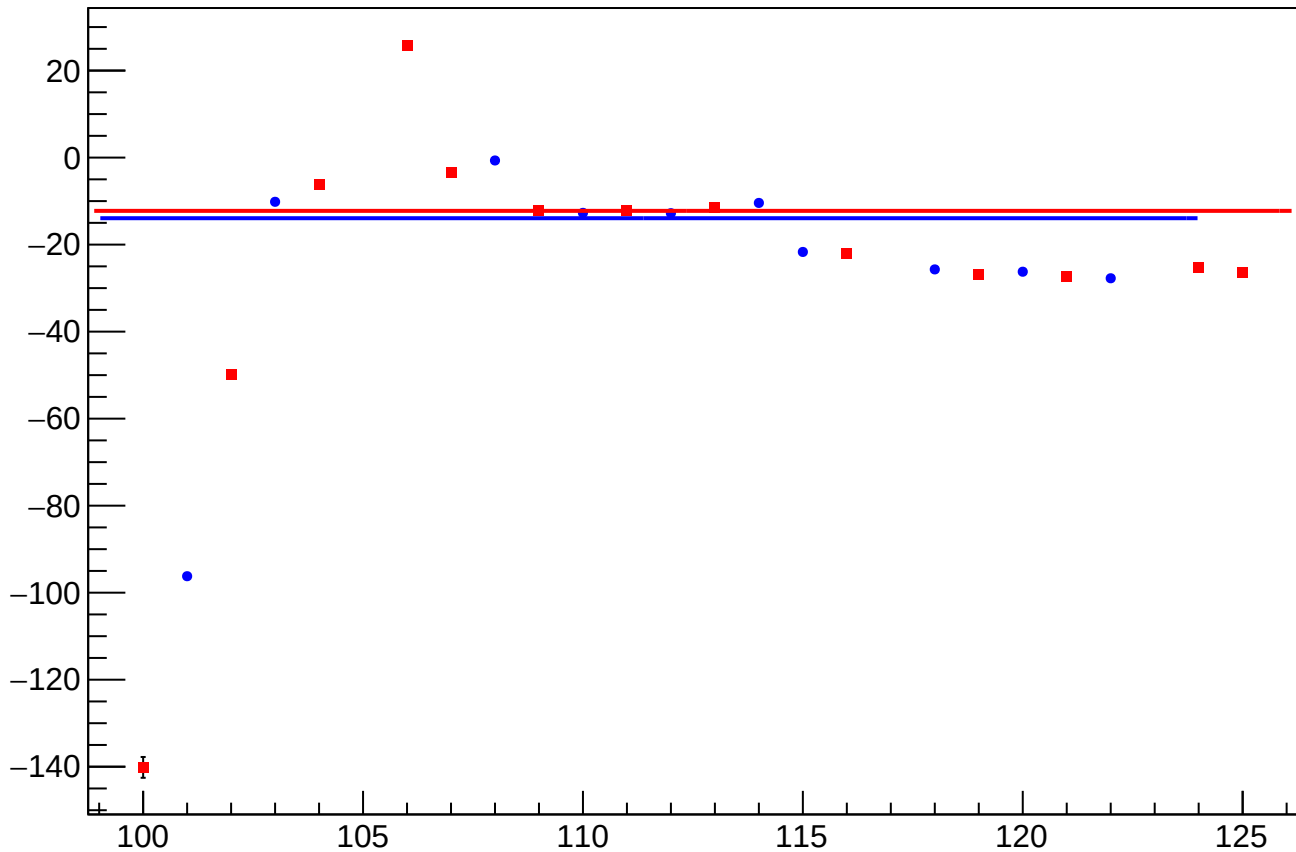
Right: -29.660+/-0.942 χ^2/NDF : 191.9/22

In: -28.157+/-1.412 χ^2/NDF : 120.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.660+/-0.942 χ^2/NDF : 191.9/22

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: -12.245+/-0.075 χ^2/NDF : 56910.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

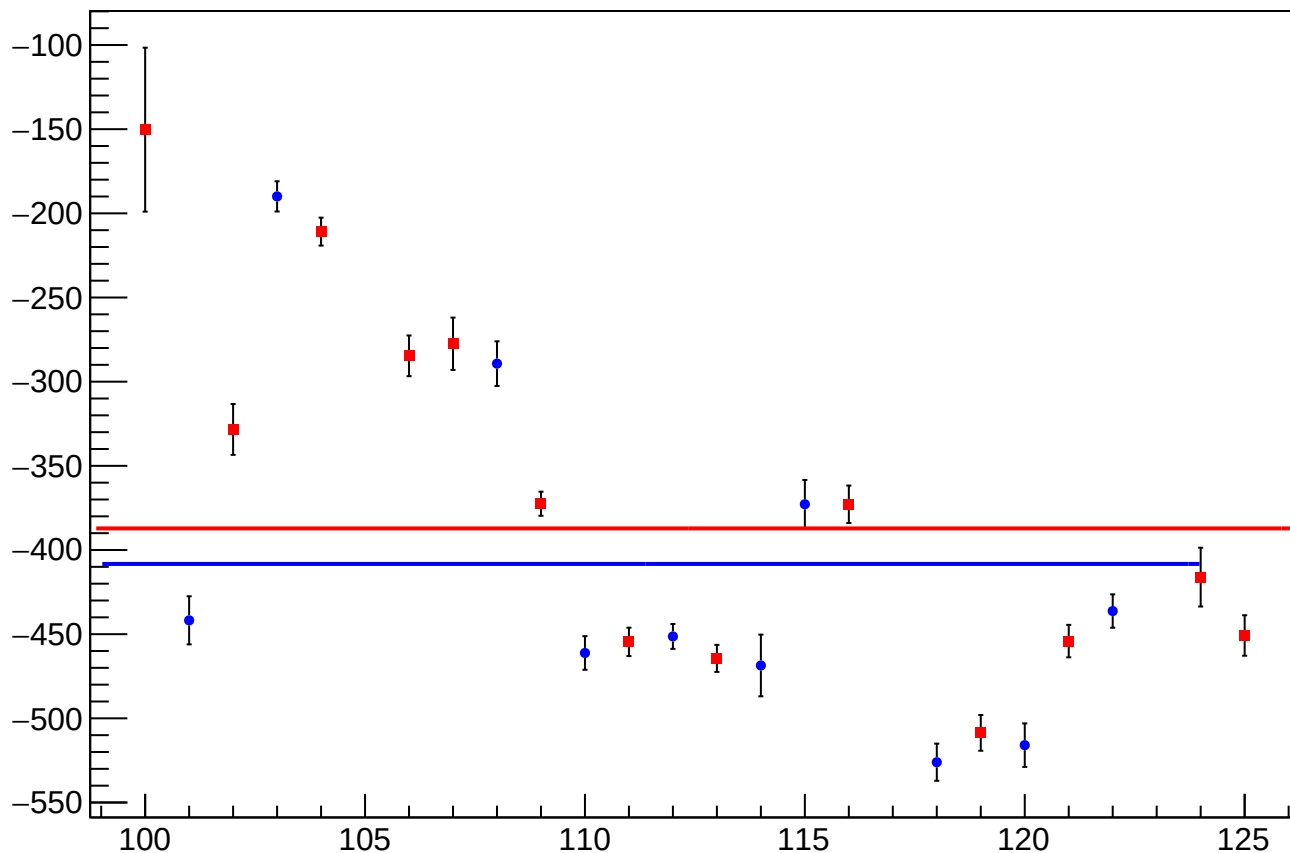
Right: -13.001+/-0.056 χ^2/NDF : 81996.7/22

In: -13.933+/-0.084 χ^2/NDF :24862.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -13.001+/-0.056 χ^2/NDF : 81996.7/22

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: -387.181+/-2.920 χ^2/NDF : 984.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

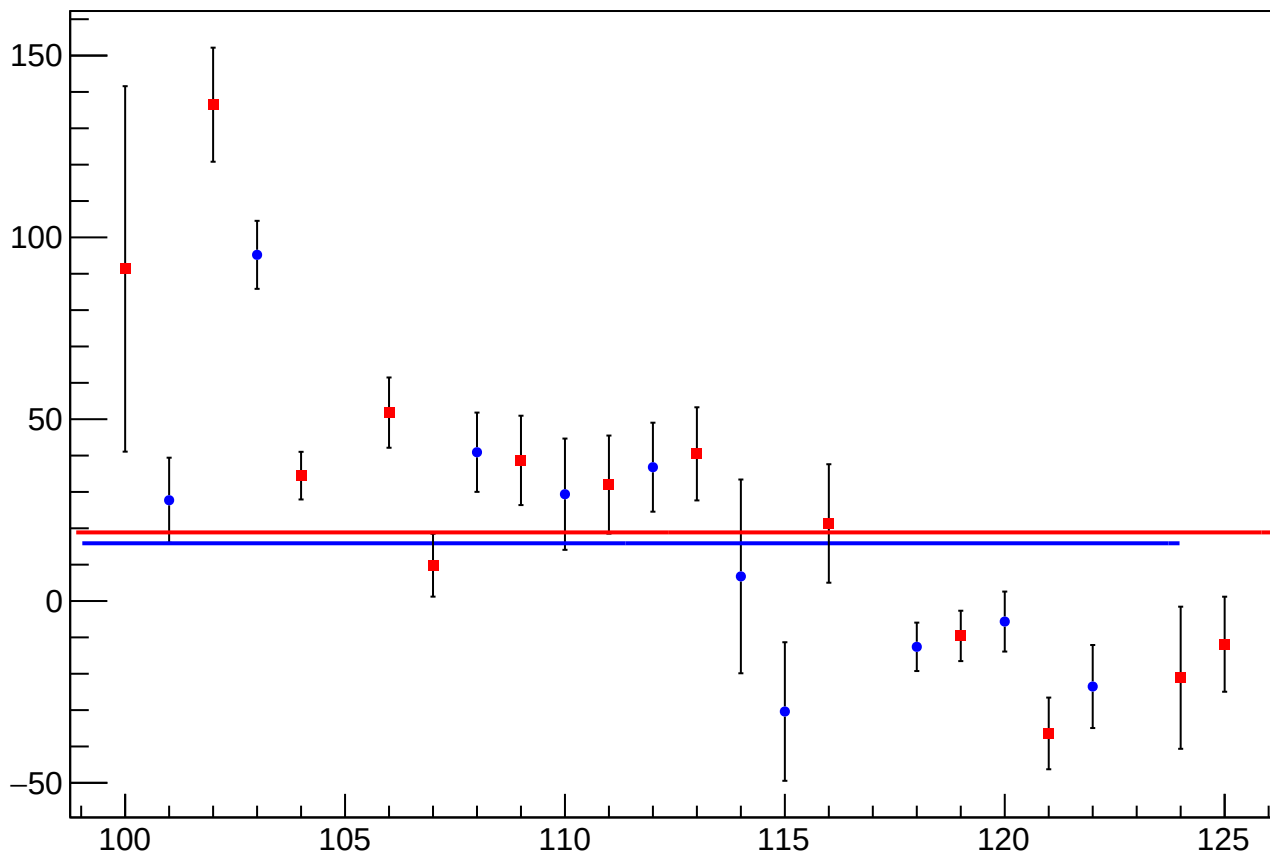
Right: -395.949+/-2.232 χ^2/NDF : 1953.6/22

In: -408.277+/-3.462 χ^2/NDF :947.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -395.949+/-2.232 χ^2/NDF : 1953.6/22

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: 18.869+/-2.969 χ^2/NDF : 141.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

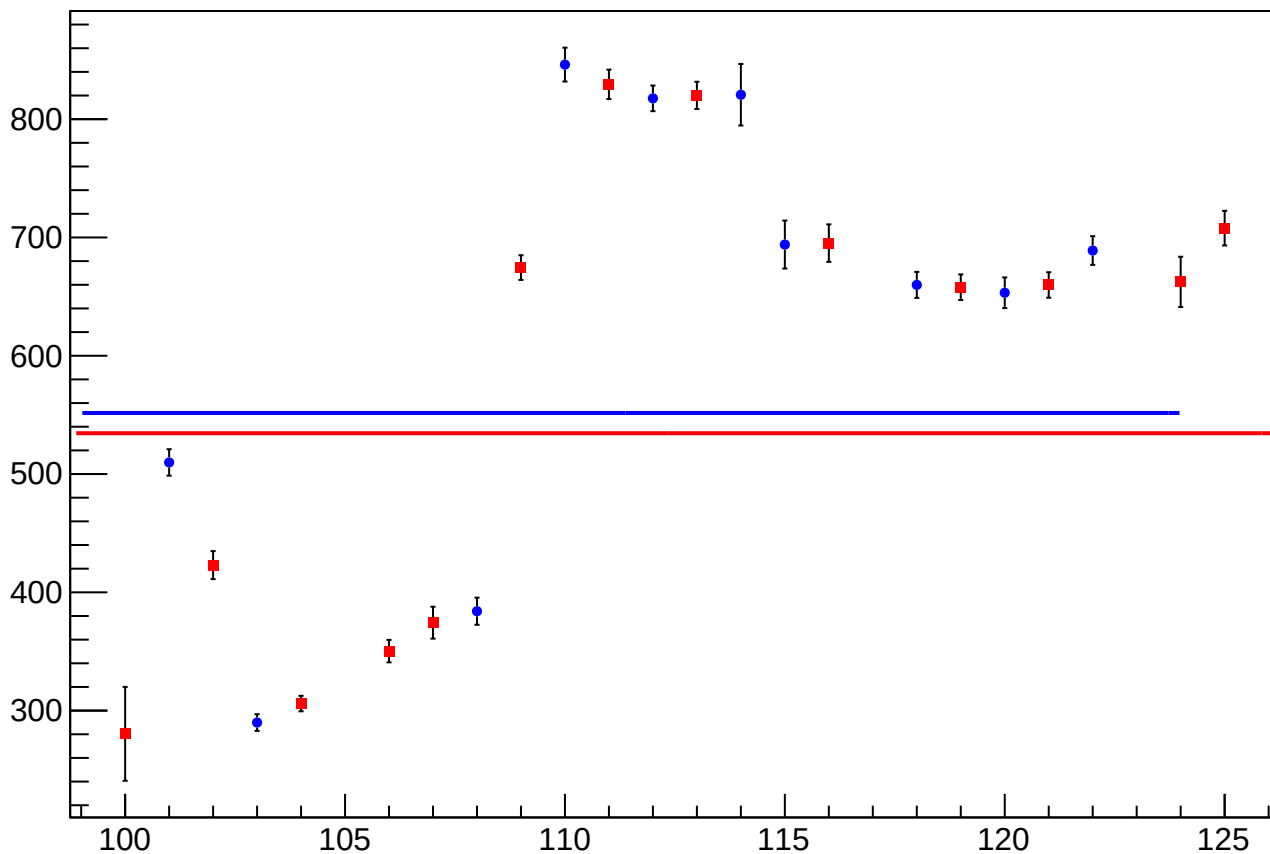
Right: 17.570+/-2.232 χ^2/NDF : 266.6/22

In: 15.879+/-3.386 χ^2/NDF : 125.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.570+/-2.232 χ^2/NDF : 266.6/22

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: 534.518+/-3.178 χ^2/NDF : 3774.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

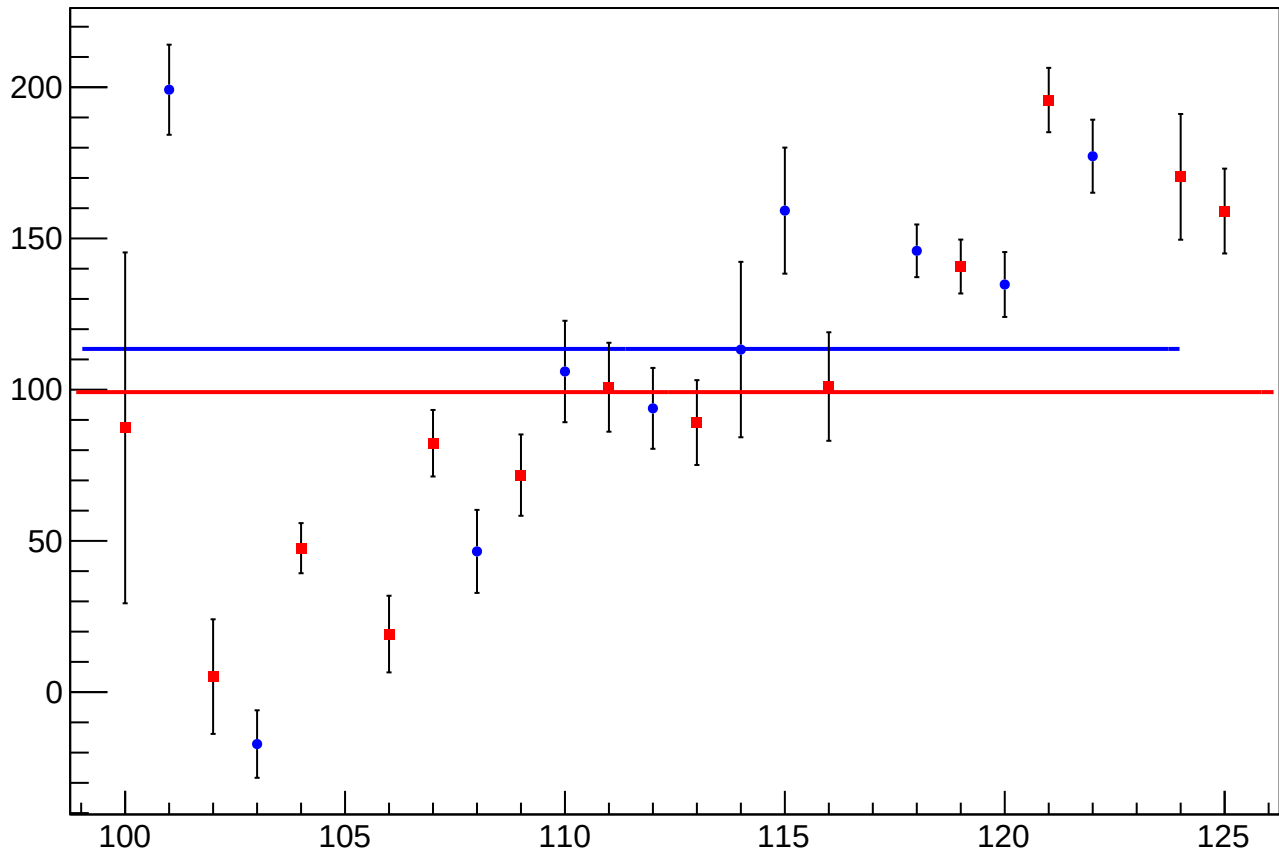
Right: 541.847+/-2.403 χ^2/NDF : 6864.9/22

In: 551.636+/-3.673 χ^2/NDF : 3077.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 541.847+/-2.403 χ^2/NDF : 6864.9/22

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: 99.195+/-3.551 χ^2/NDF : 244.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

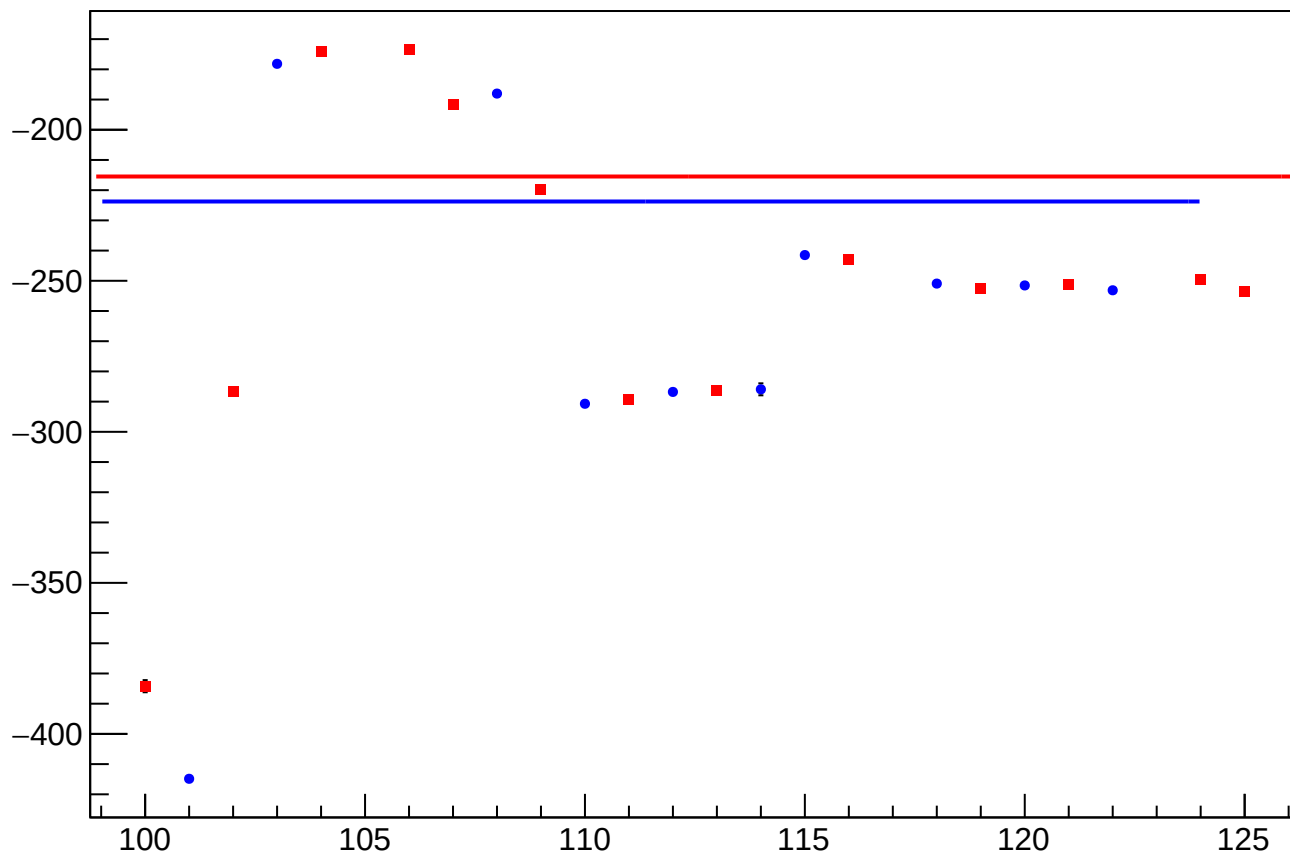
Right: 105.299+/-2.687 χ^2/NDF : 498.1/22

In: 113.473+/-4.109 χ^2/NDF : 246.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.299+/-2.687 χ^2/NDF : 498.1/22

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: -215.476+/-0.183 χ^2/NDF : 69766.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

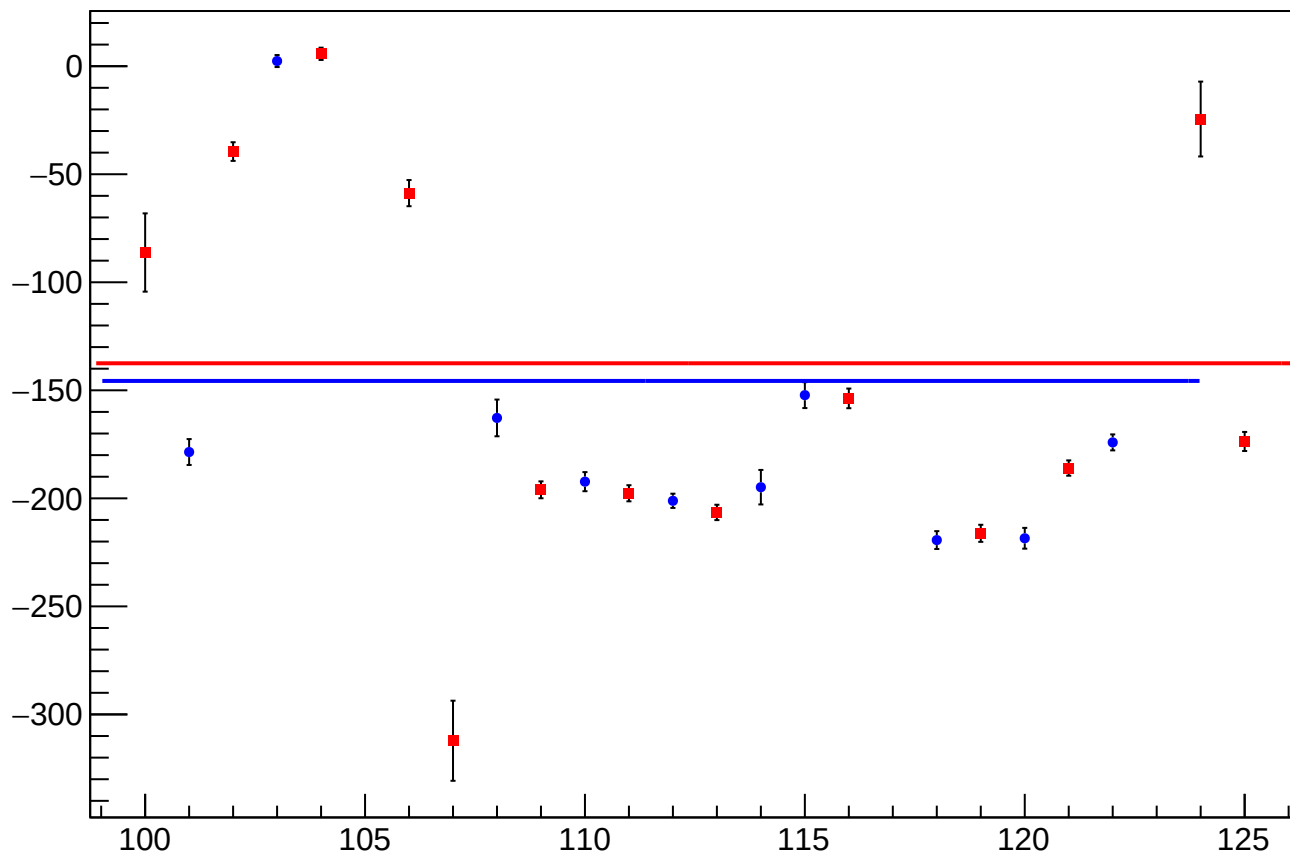
Right: -219.204+/-0.136 χ^2/NDF : 194933.5/22

In: -223.749+/-0.202 χ^2/NDF : 124244.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -219.204+/-0.136 χ^2/NDF : 194933.5/22

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: -137.495 ± 1.218 χ^2/NDF : 4894.1/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

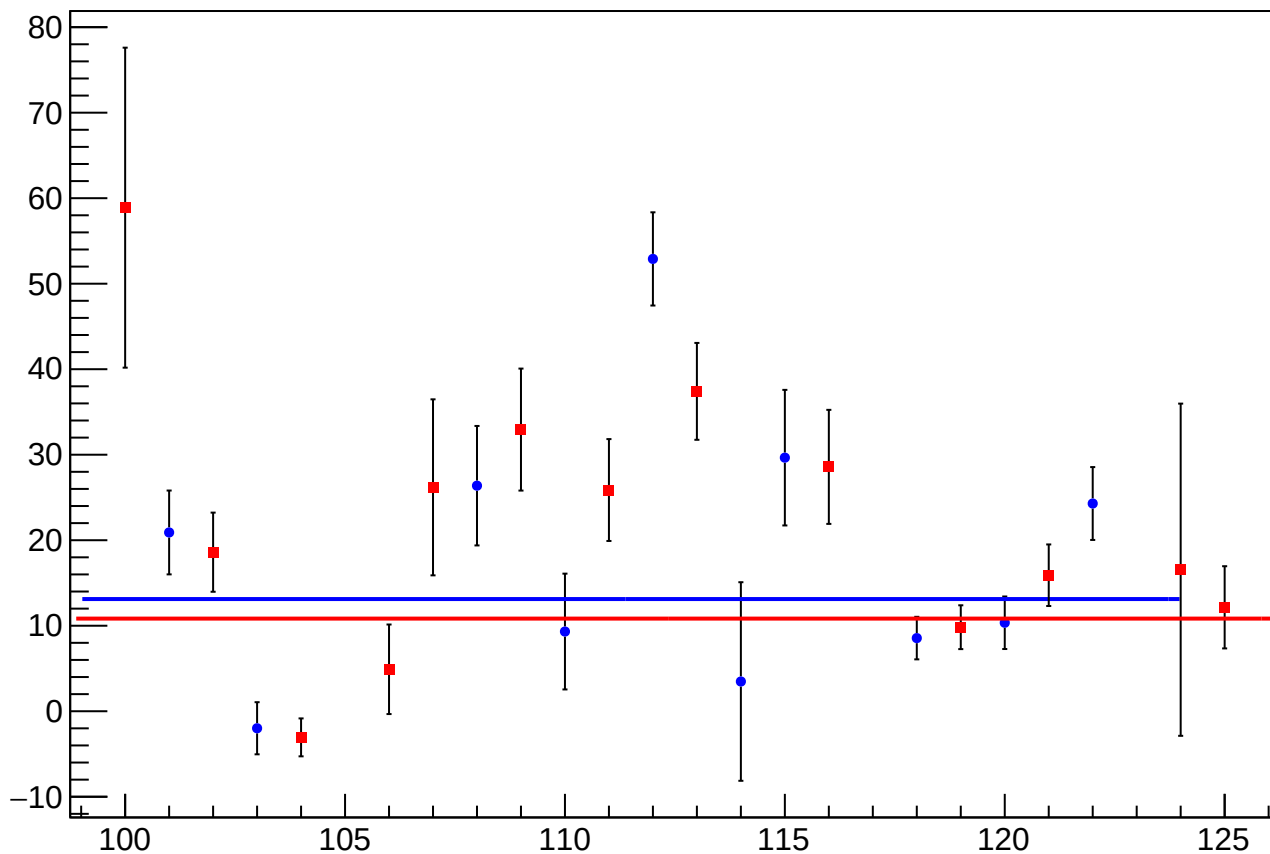
Right: -141.100 ± 0.910 χ^2/NDF : 8826.6/22

In: -145.660 ± 1.370 χ^2/NDF : 3912.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -141.100 ± 0.910 χ^2/NDF : 8826.6/22

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: 10.834 $\pm$ 1.217 χ^2 /NDF: 99.5/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

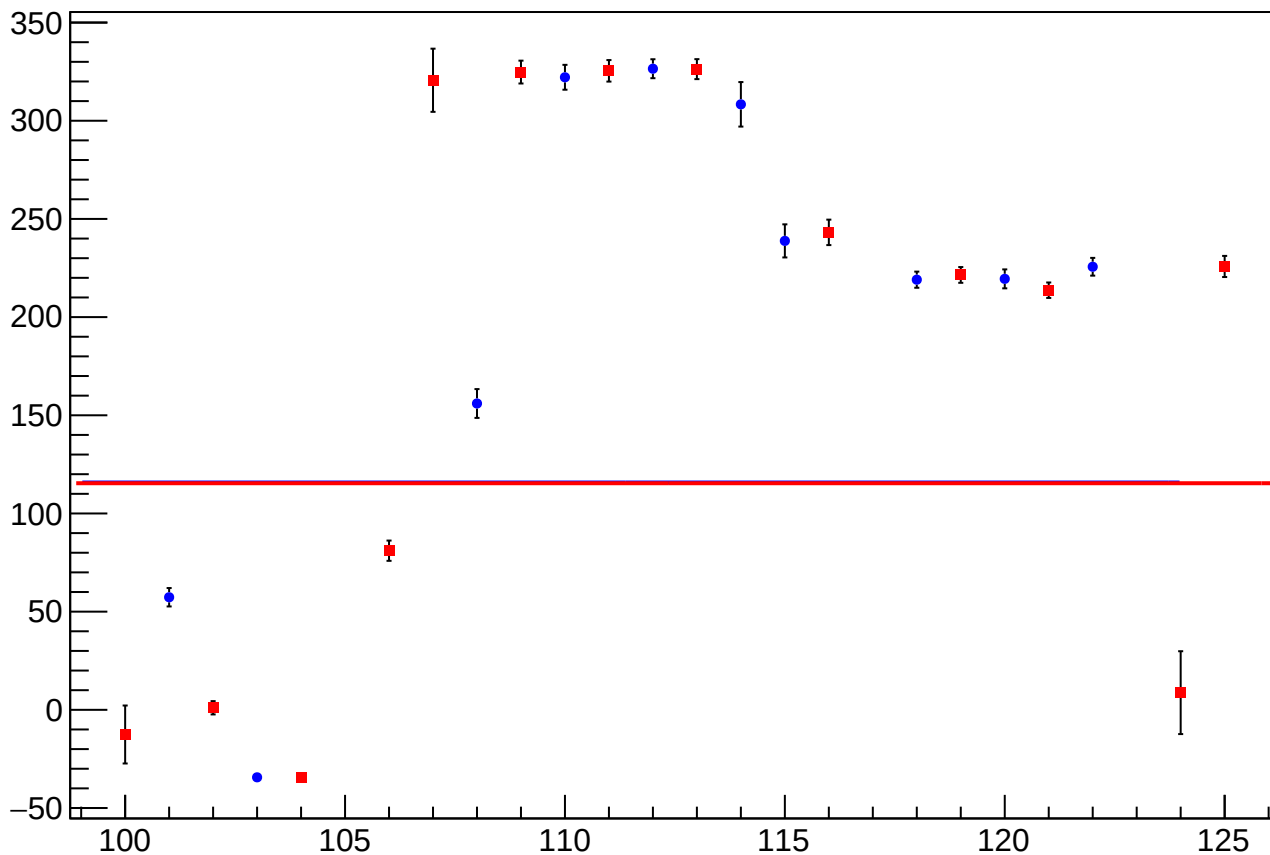
Right: 11.882 $\pm$ 0.896 χ^2 /NDF: 201.5/22

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: 11.882 $\pm$ 0.896 χ^2 /NDF: 201.5/22

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 115.757 $\pm$ 1.394 χ^2 /NDF: 10069.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 115.401 $\pm$ 1.269 χ^2 /NDF: 12537.1/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

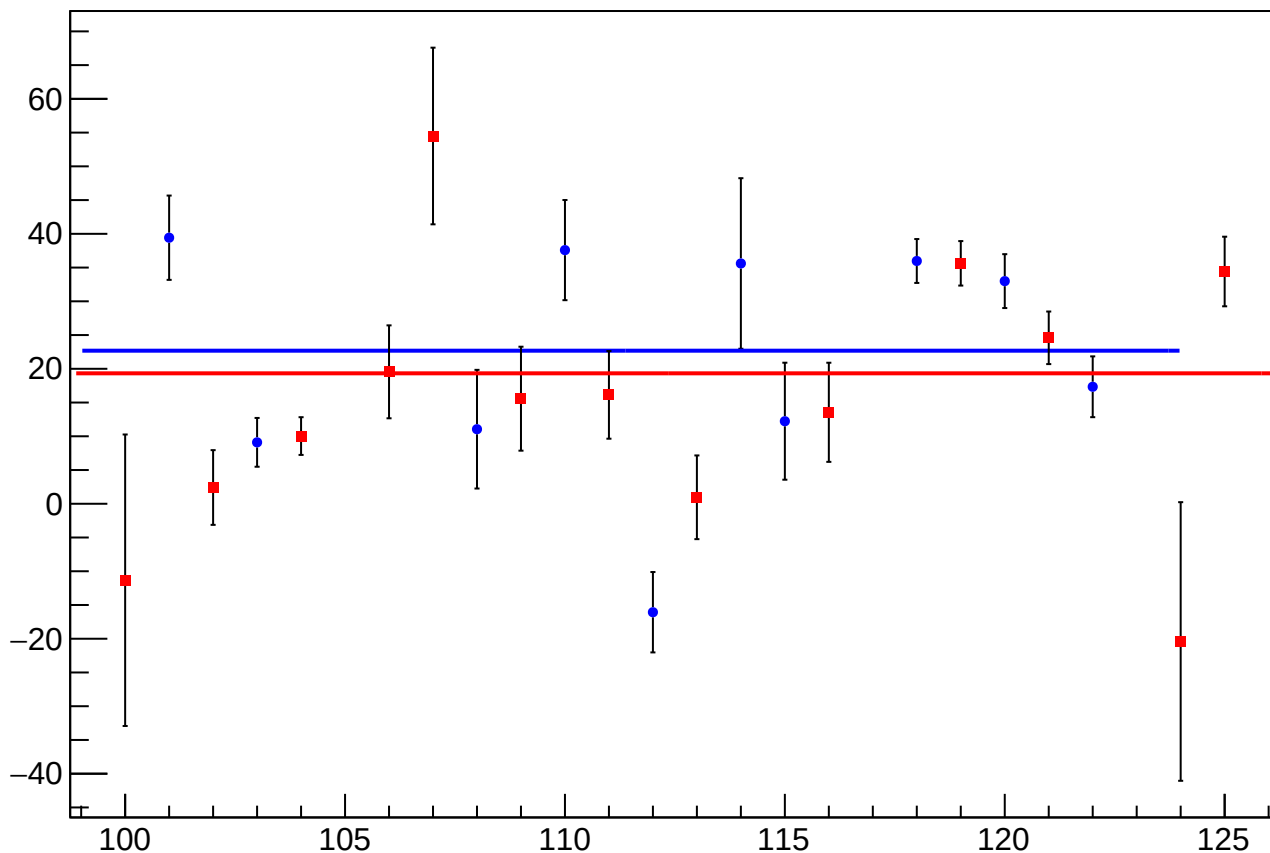
Right: 115.562 $\pm$ 0.938 χ^2 /NDF: 22606.2/22

In: 115.757 $\pm$ 1.394 χ^2 /NDF:10069.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 115.562 $\pm$ 0.938 χ^2 /NDF: 22606.2/22

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: 19.329+/-1.454 χ^2/NDF : 78.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

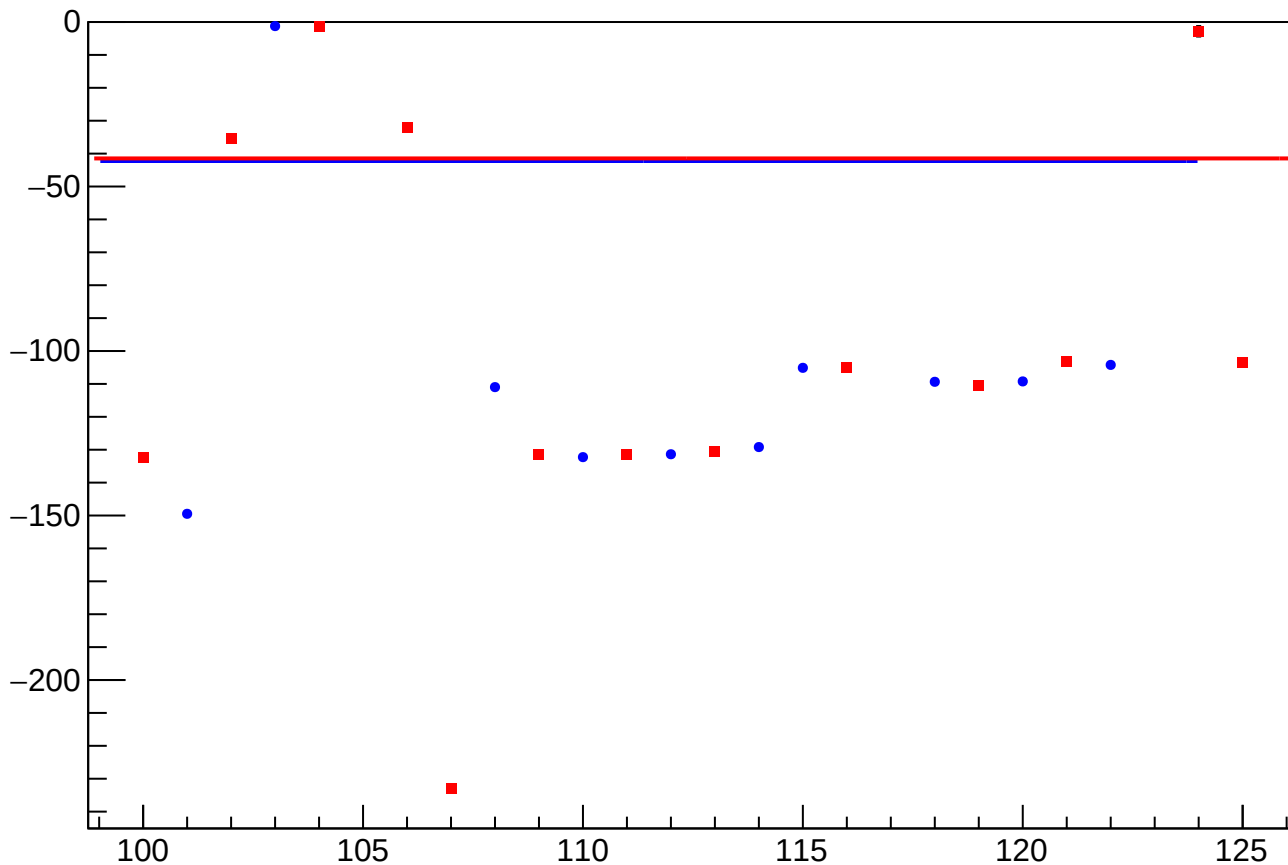
Right: 20.840+/-1.078 χ^2/NDF : 177.2/22

In: 22.683+/-1.606 χ^2/NDF : 96.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.840+/-1.078 χ^2/NDF : 177.2/22

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: -41.464+/-0.068 χ^2/NDF : 513664.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

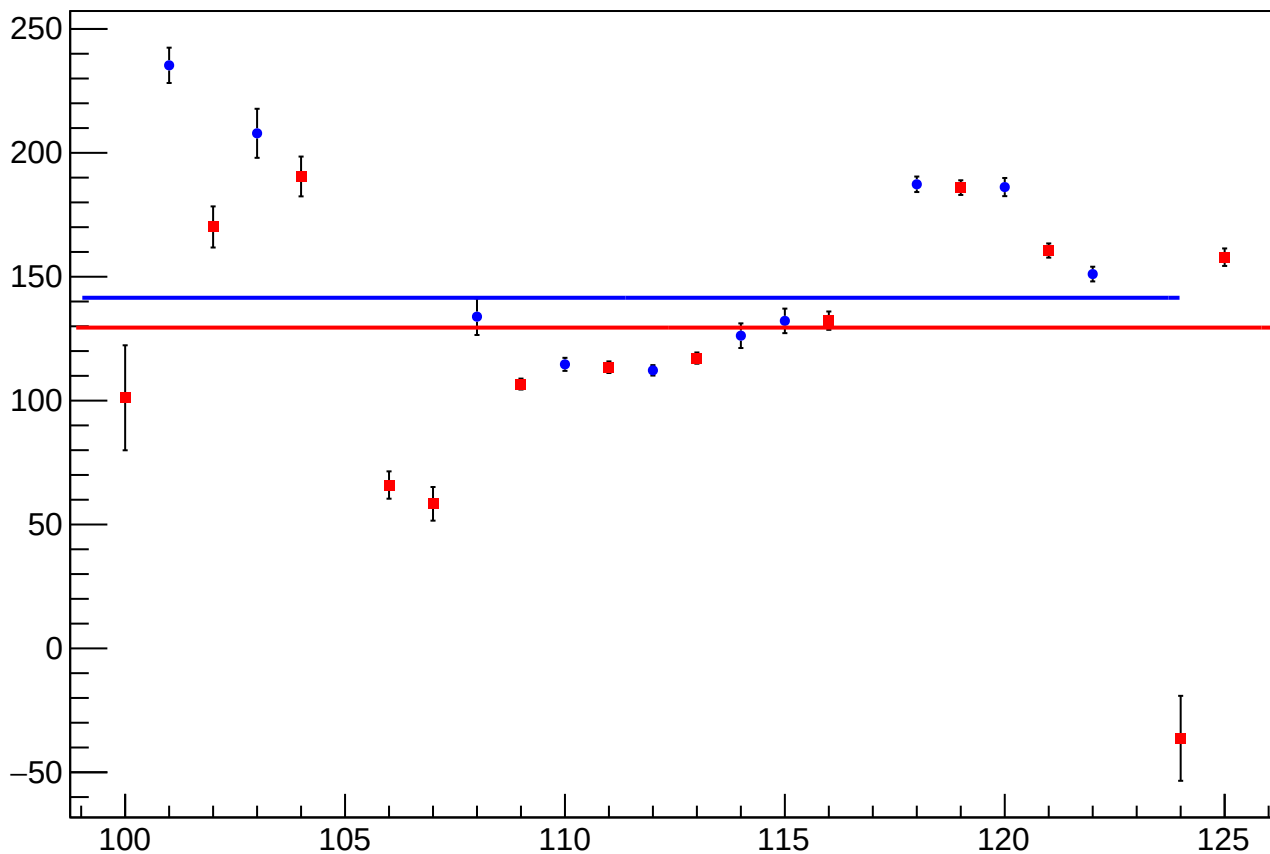
Right: -41.826+/-0.050 χ^2/NDF : 1129357.8/22

In: -42.243+/-0.074 χ^2/NDF :615632.9/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -41.826+/-0.050 χ^2/NDF : 1129357.8/22

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 141.513 $\pm$ 1.126 χ^2/NDF : 902.9/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Right Out: 129.474 $\pm$ 0.970 χ^2/NDF : 1149.6/12

Left In: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

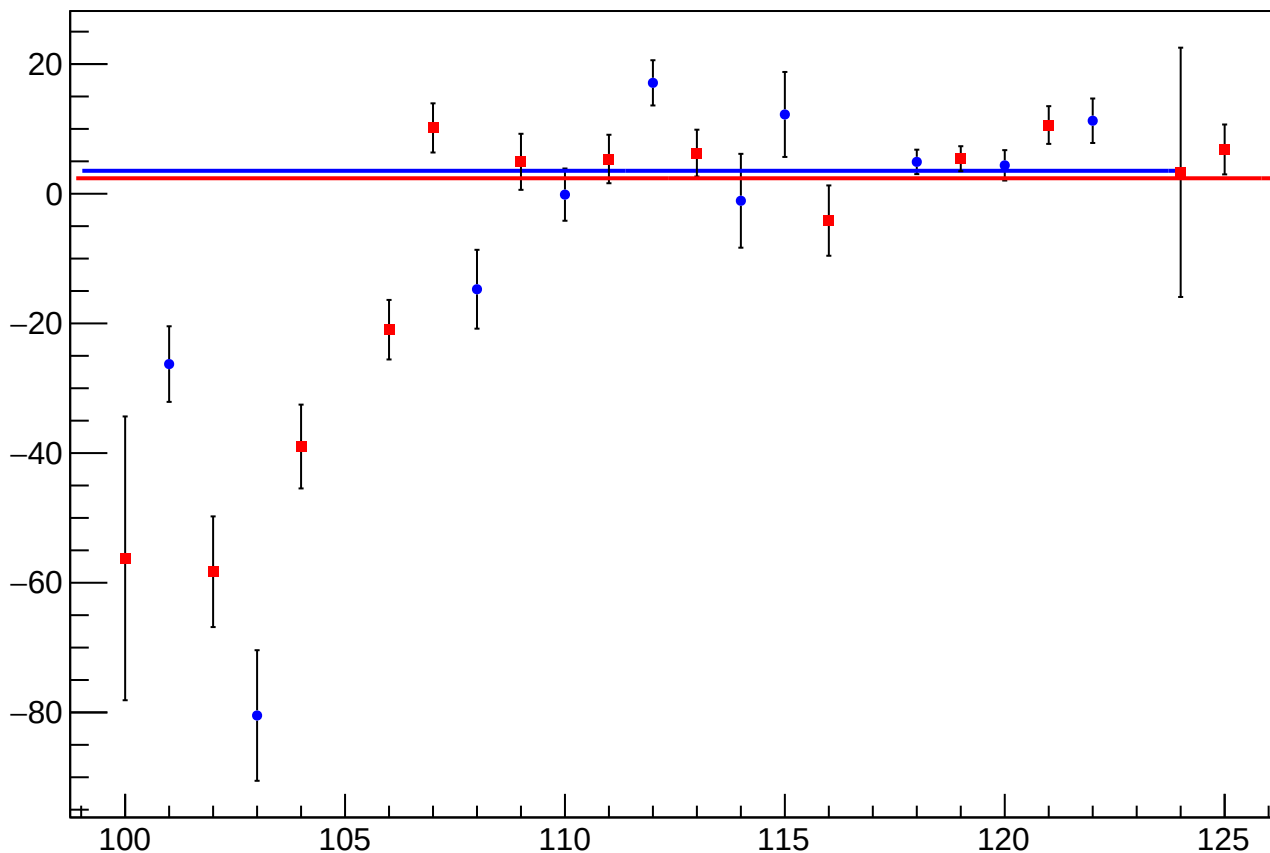
Right: 134.604 $\pm$ 0.735 χ^2/NDF : 2118.1/22

In: 141.513 $\pm$ 1.126 χ^2/NDF :902.9/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

All: 134.604 $\pm$ 0.735 χ^2/NDF : 2118.1/22

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.539+/-1.117 χ^2/NDF : 128.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.386+/-1.084 χ^2/NDF : 144.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

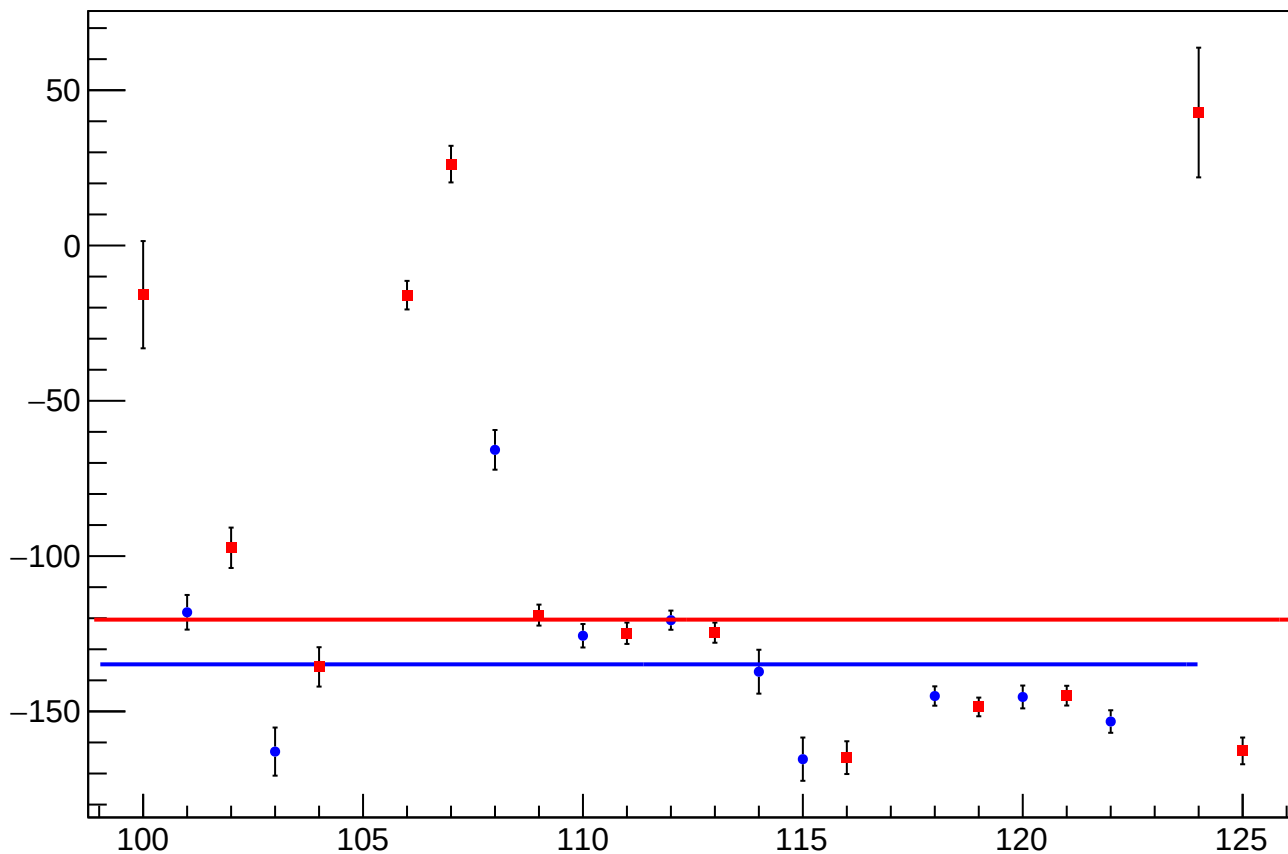
Right: 2.945+/-0.778 χ^2/NDF : 273.3/22

In: 3.539+/-1.117 χ^2/NDF : 128.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.945+/-0.778 χ^2/NDF : 273.3/22

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -134.848 ± 1.358 $\chi^2/\text{NDF}: 230.2/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -120.451 ± 1.198 $\chi^2/\text{NDF}: 1569.0/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

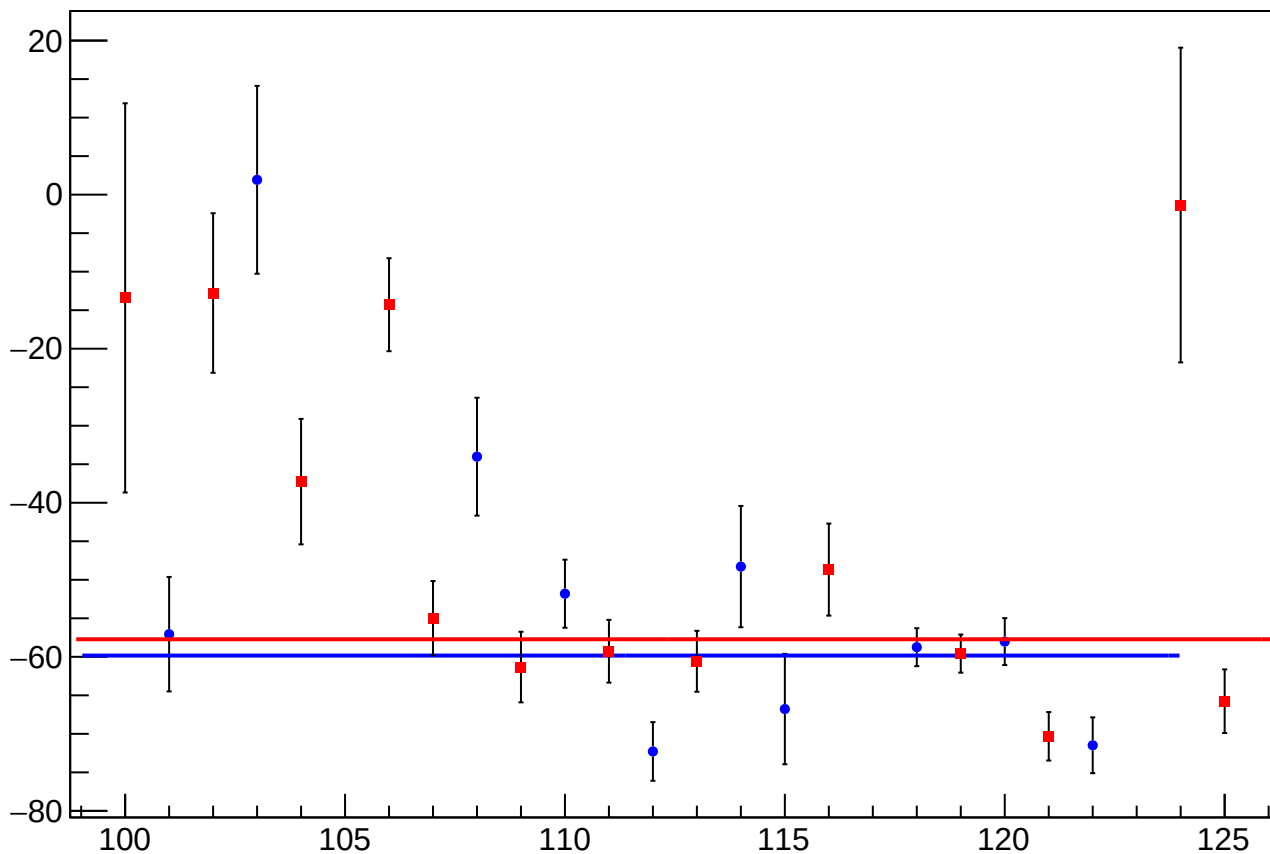
Right: -126.749 ± 0.898 $\chi^2/\text{NDF}: 1862.4/22$

In: -134.848 ± 1.358 $\chi^2/\text{NDF}: 230.2/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -126.749 ± 0.898 $\chi^2/\text{NDF}: 1862.4/22$

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: -57.722 ± 1.268 χ^2/NDF : 111.9/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

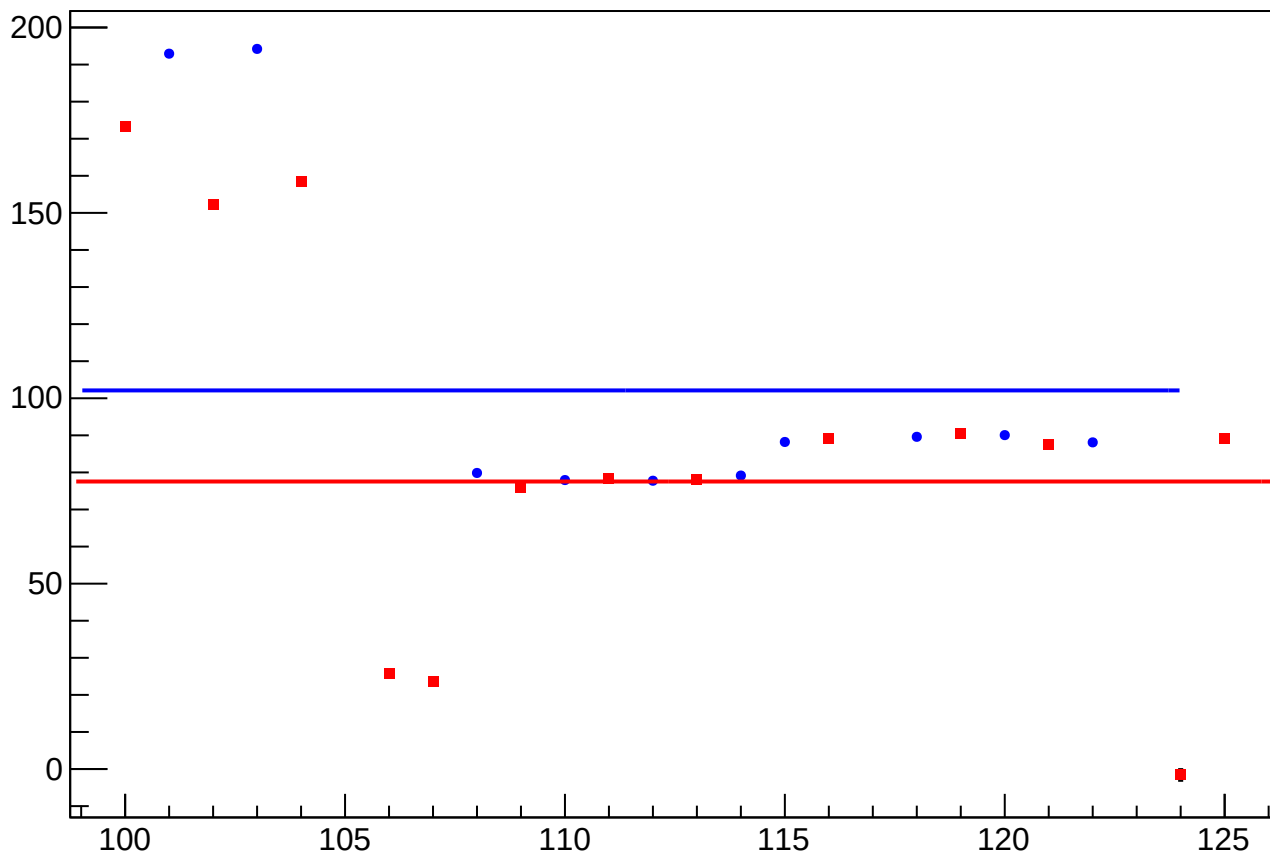
Right: -58.712 ± 0.925 χ^2/NDF : 178.4/22

In: -59.838 ± 1.352 χ^2/NDF : 65.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -58.712 ± 0.925 χ^2/NDF : 178.4/22

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 102.118+/-0.096 χ^2/NDF : 184422.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.550+/-0.078 χ^2/NDF : 284005.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

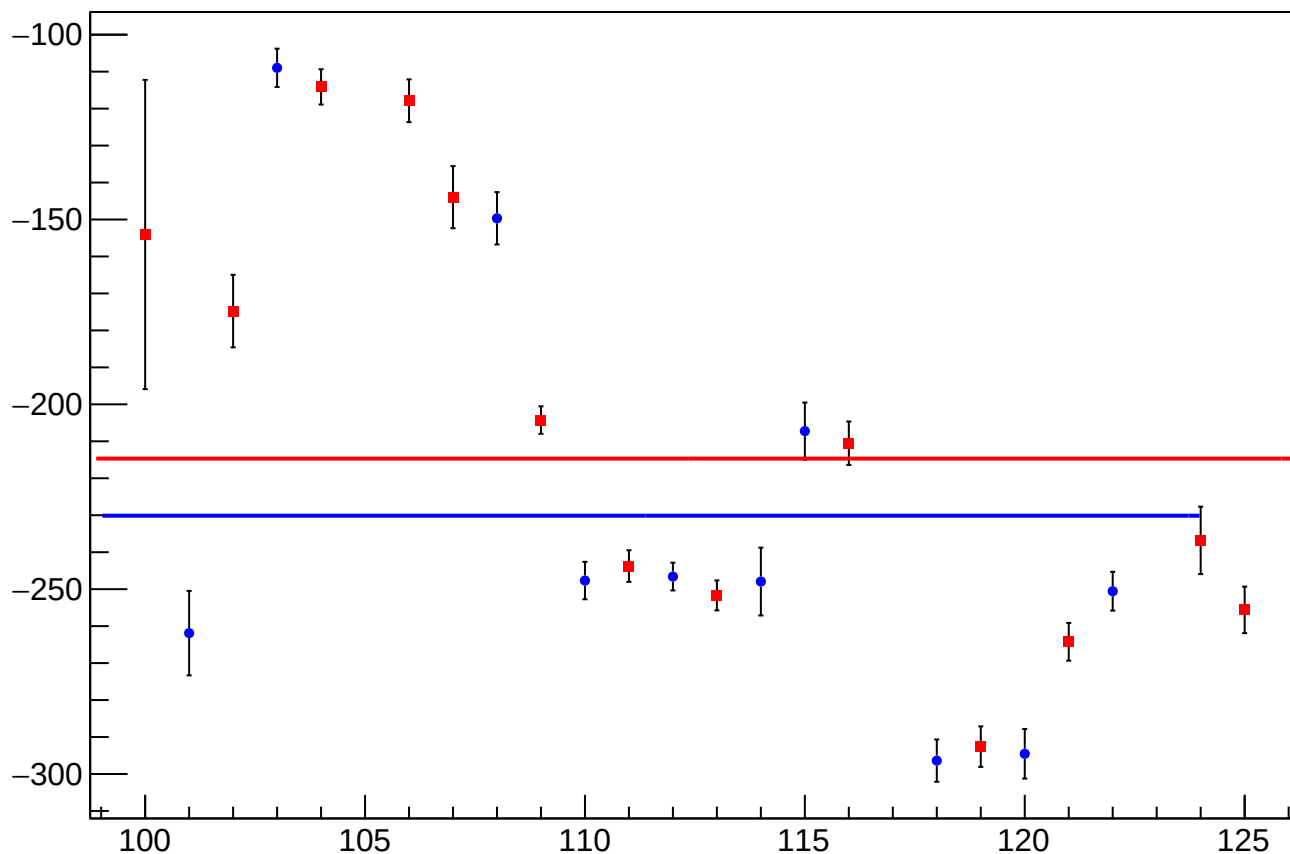
Right: 87.420+/-0.061 χ^2/NDF : 507804.3/22

In: 102.118+/-0.096 χ^2/NDF : 184422.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.420+/-0.061 χ^2/NDF : 507804.3/22

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: -214.671+/-1.535 χ^2/NDF : 1295.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

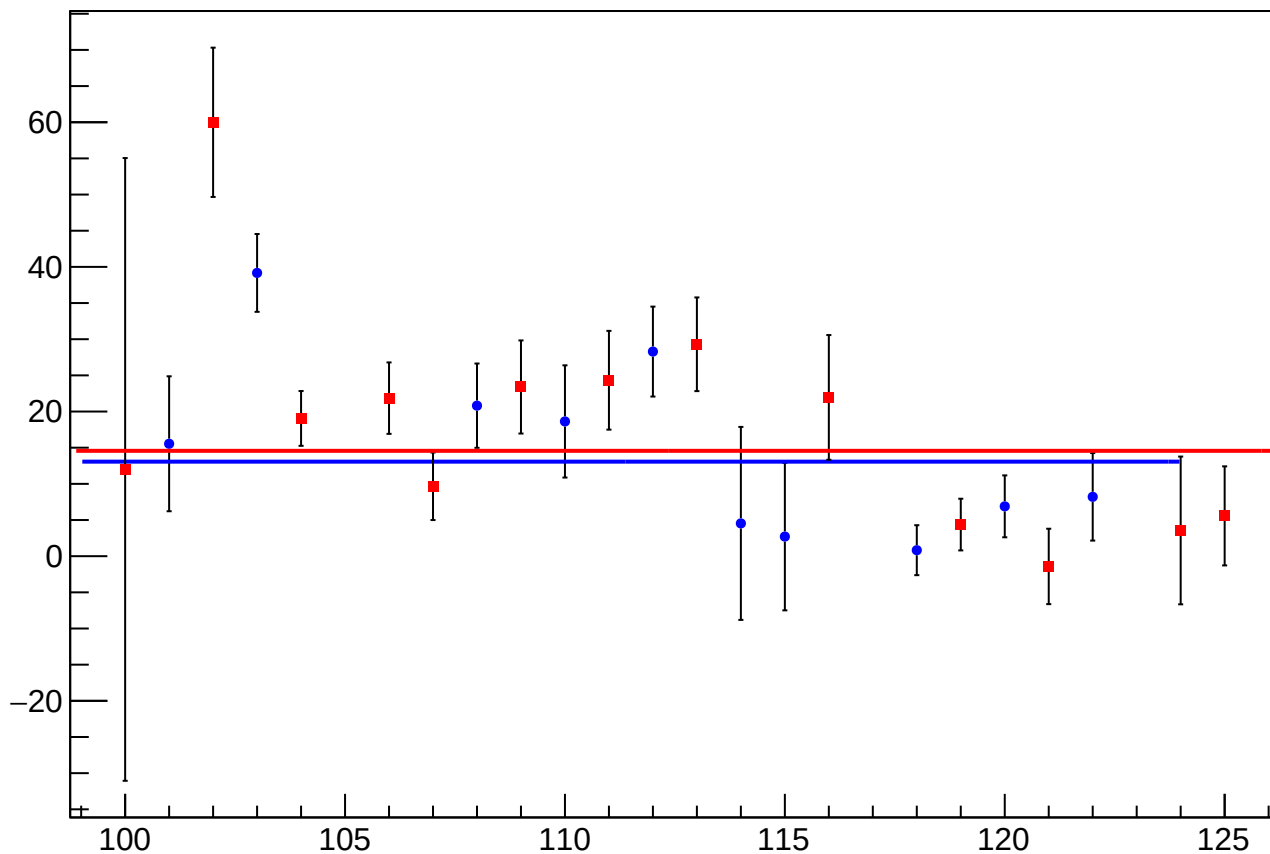
Right: -220.974+/-1.181 χ^2/NDF : 2305.1/22

In: -230.123+/-1.850 χ^2/NDF :968.2/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -220.974+/-1.181 χ^2/NDF : 2305.1/22

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: 14.567+/-1.590 χ^2 /NDF: 54.3/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

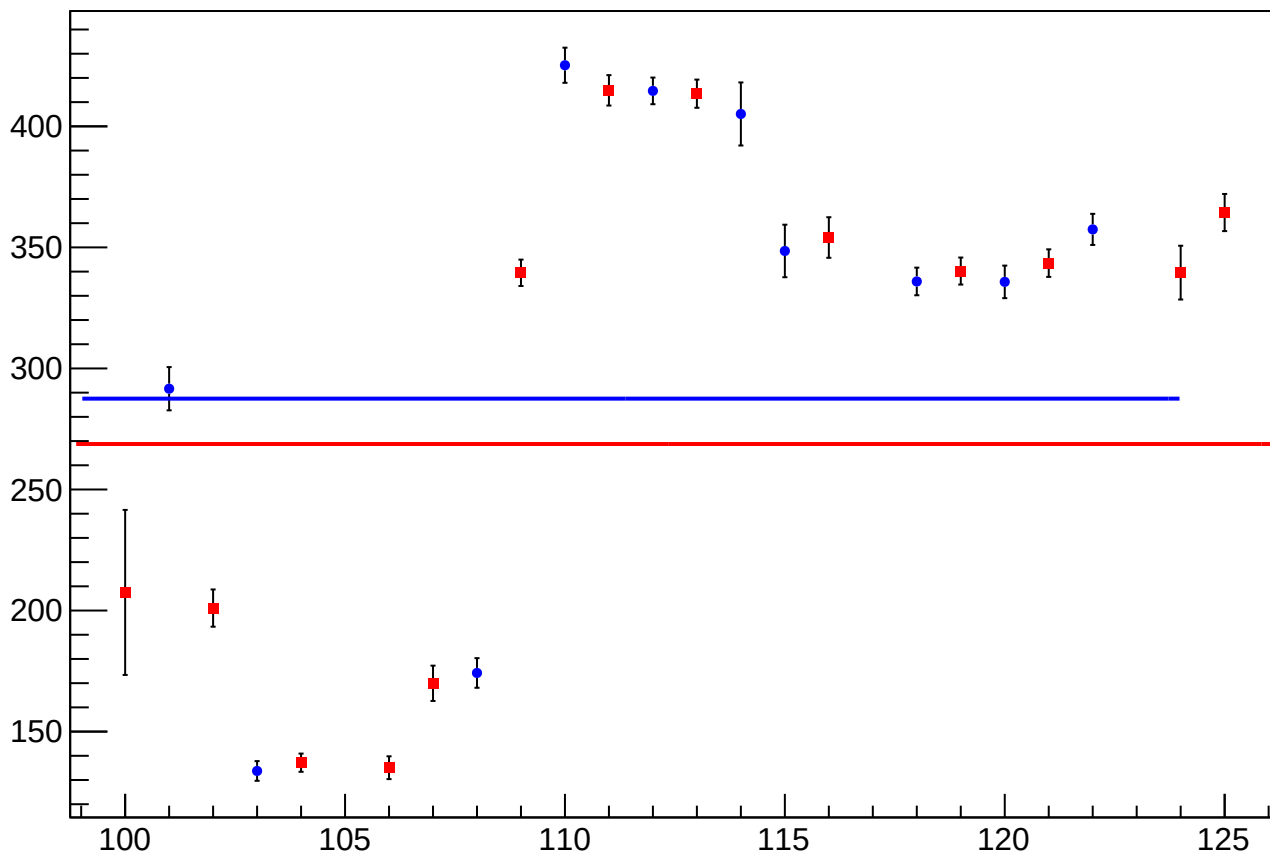
Right: 13.923+/-1.200 χ^2 /NDF: 103.3/22

In: 13.071+/-1.829 χ^2 /NDF:48.6/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 13.923+/-1.200 χ^2 /NDF: 103.3/22

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: 268.786+/-1.707 χ^2/NDF : 4256.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

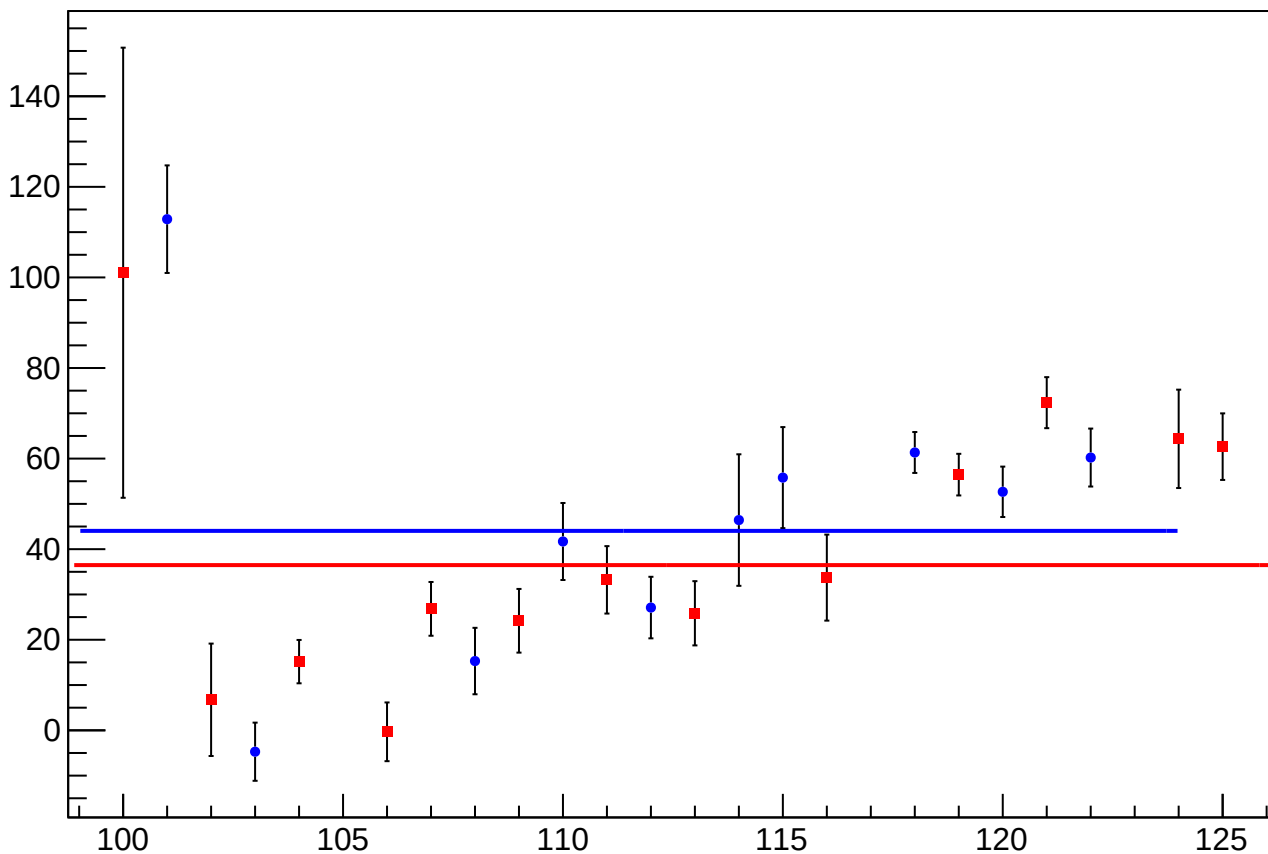
Right: 276.561+/-1.306 χ^2/NDF : 7328.2/22

In: 287.528+/-2.028 χ^2/NDF : 3021.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 276.561+/-1.306 χ^2/NDF : 7328.2/22

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: 36.482+/-1.897 χ^2/NDF : 146.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

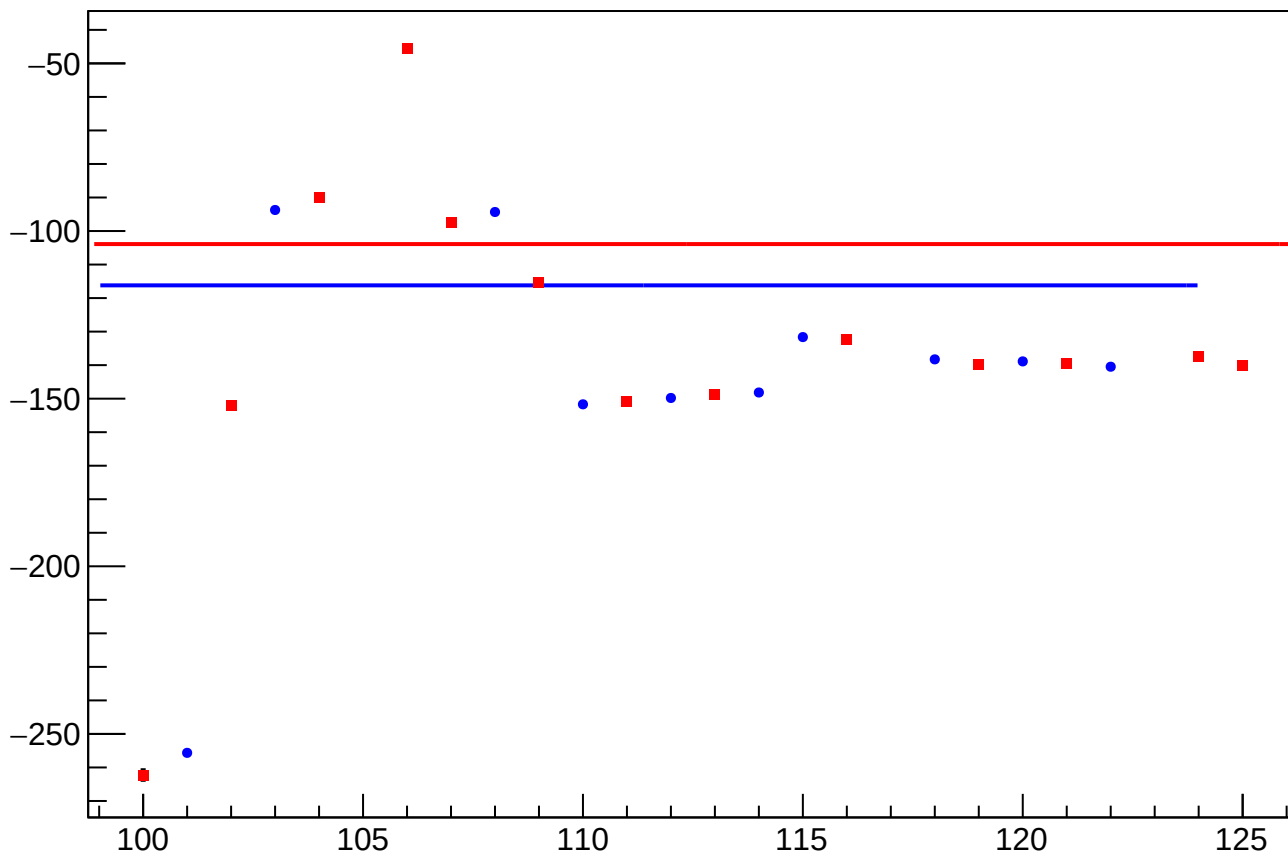
Right: 39.681+/-1.441 χ^2/NDF : 290.6/22

In: 44.039+/-2.215 χ^2/NDF : 137.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.681+/-1.441 χ^2/NDF : 290.6/22

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: -103.891+/-0.099 χ^2/NDF : 138151.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

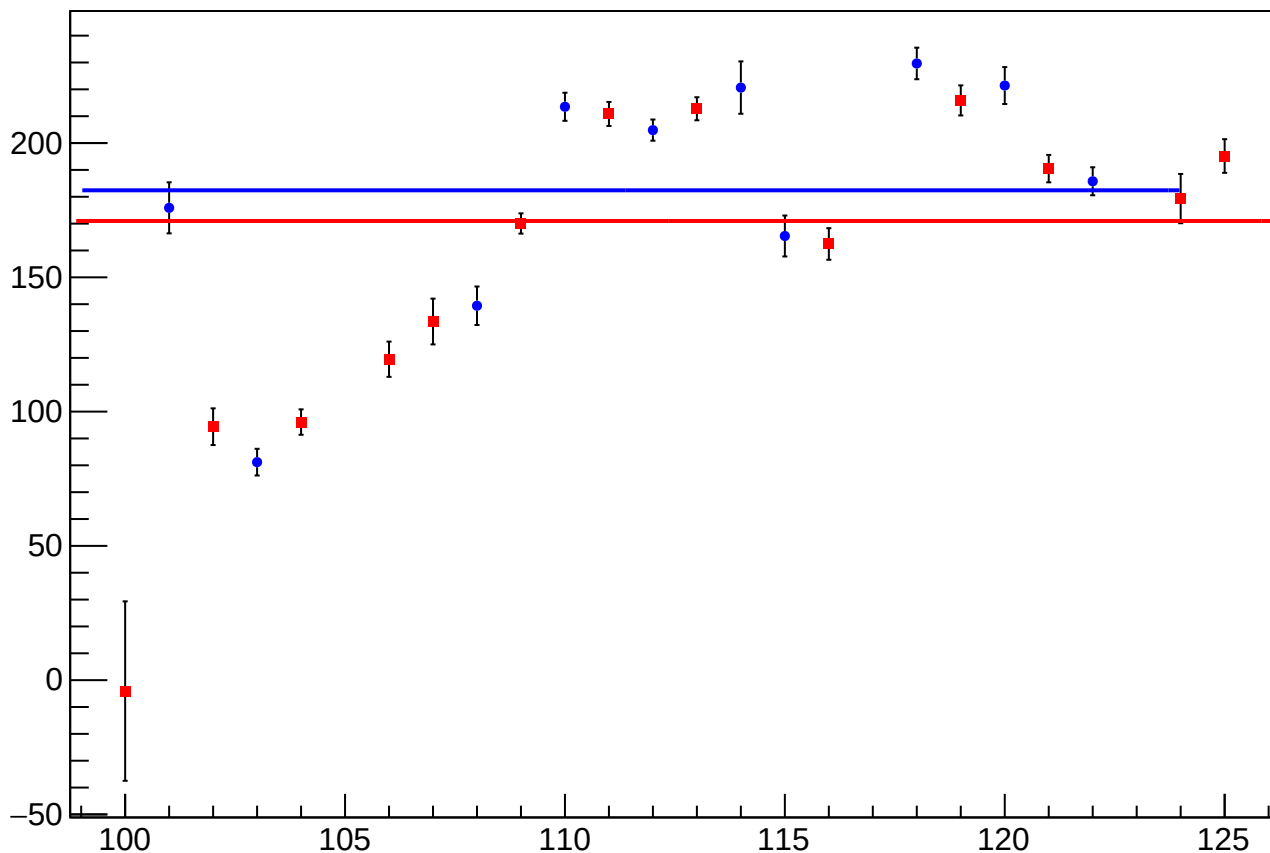
Right: -109.183+/-0.075 χ^2/NDF : 256518.4/22

In: -116.204+/-0.114 χ^2/NDF : 111681.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -109.183+/-0.075 χ^2/NDF : 256518.4/22

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 182.407+/-1.868 χ^2/NDF : 636.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 170.987+/-1.552 χ^2/NDF : 755.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

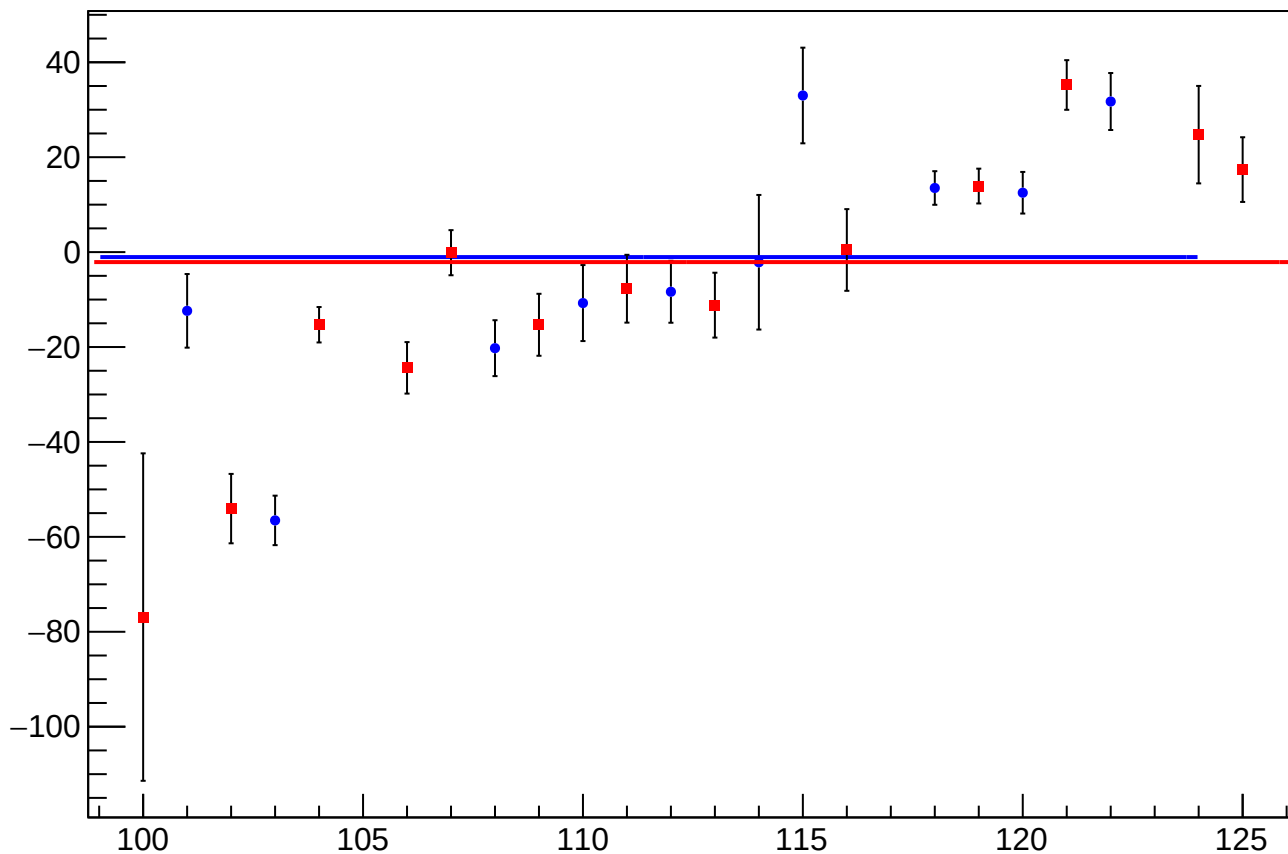
Right: 175.651+/-1.194 χ^2/NDF : 1413.5/22

In: 182.407+/-1.868 χ^2/NDF : 636.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.651+/-1.194 χ^2/NDF : 1413.5/22

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: -2.103+/-1.602 χ^2/NDF : 176.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

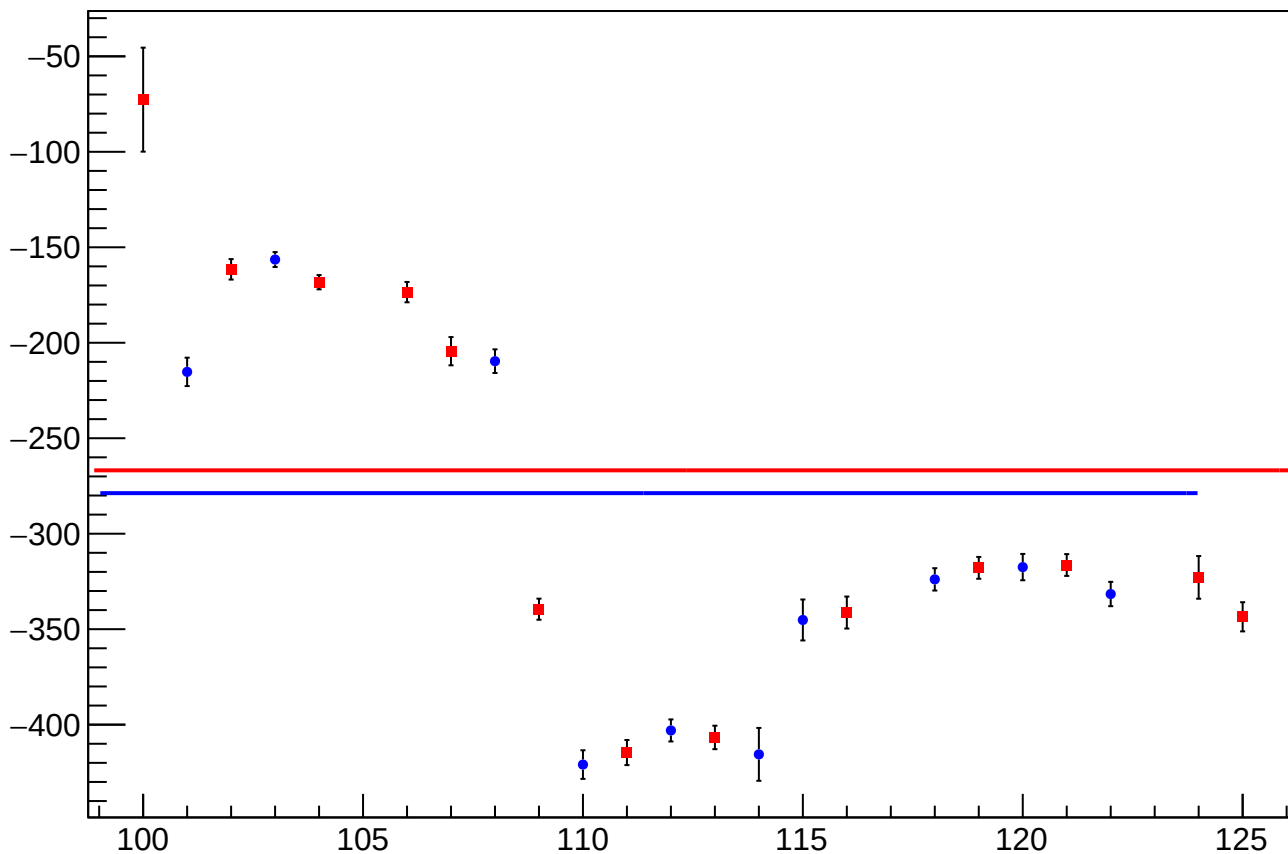
Right: -1.648+/-1.208 χ^2/NDF : 373.0/22

In: -1.048+/-1.839 χ^2/NDF :196.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.648+/-1.208 χ^2/NDF : 373.0/22

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: -266.815+/-1.704 χ^2/NDF : 3069.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

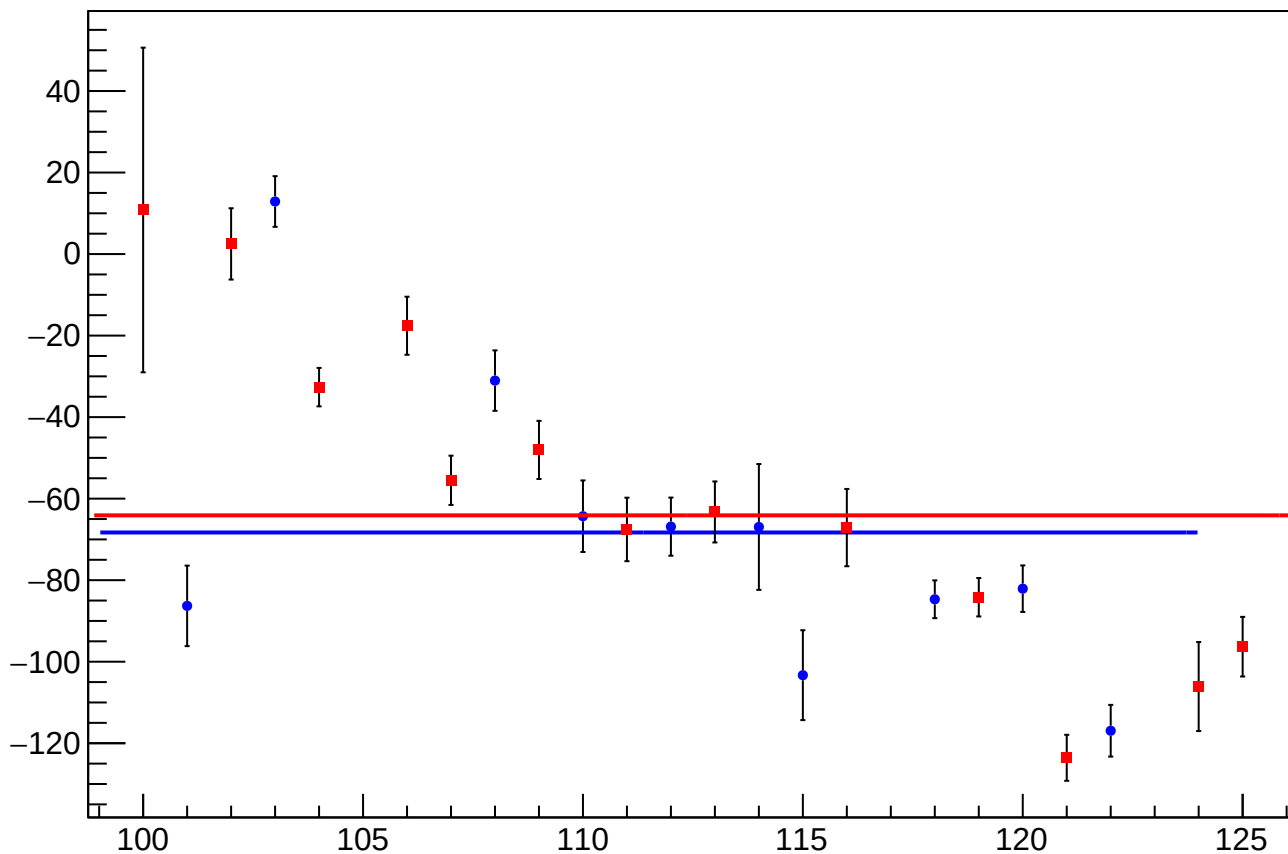
Right: -271.794+/-1.301 χ^2/NDF : 5388.4/22

In: -278.755+/-2.014 χ^2/NDF : 2298.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -271.794+/-1.301 χ^2/NDF : 5388.4/22

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: -64.100 ± 1.909 χ^2/NDF : 319.4/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

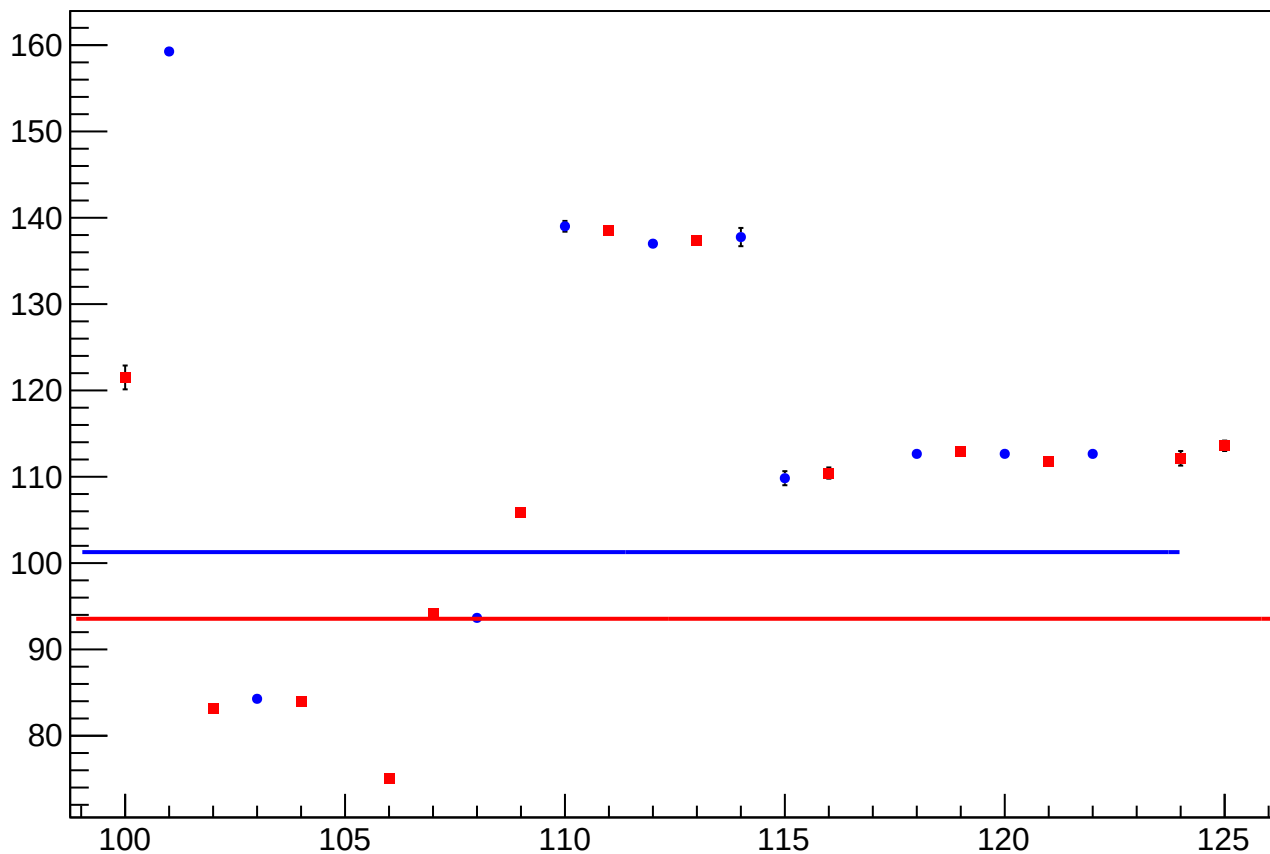
Right: -65.879 ± 1.450 χ^2/NDF : 608.4/22

In: -68.300 ± 2.227 χ^2/NDF : 286.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -65.879 ± 1.450 χ^2/NDF : 608.4/22

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: 93.550 $\pm$ 0.096 χ^2 /NDF: 33635.7/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

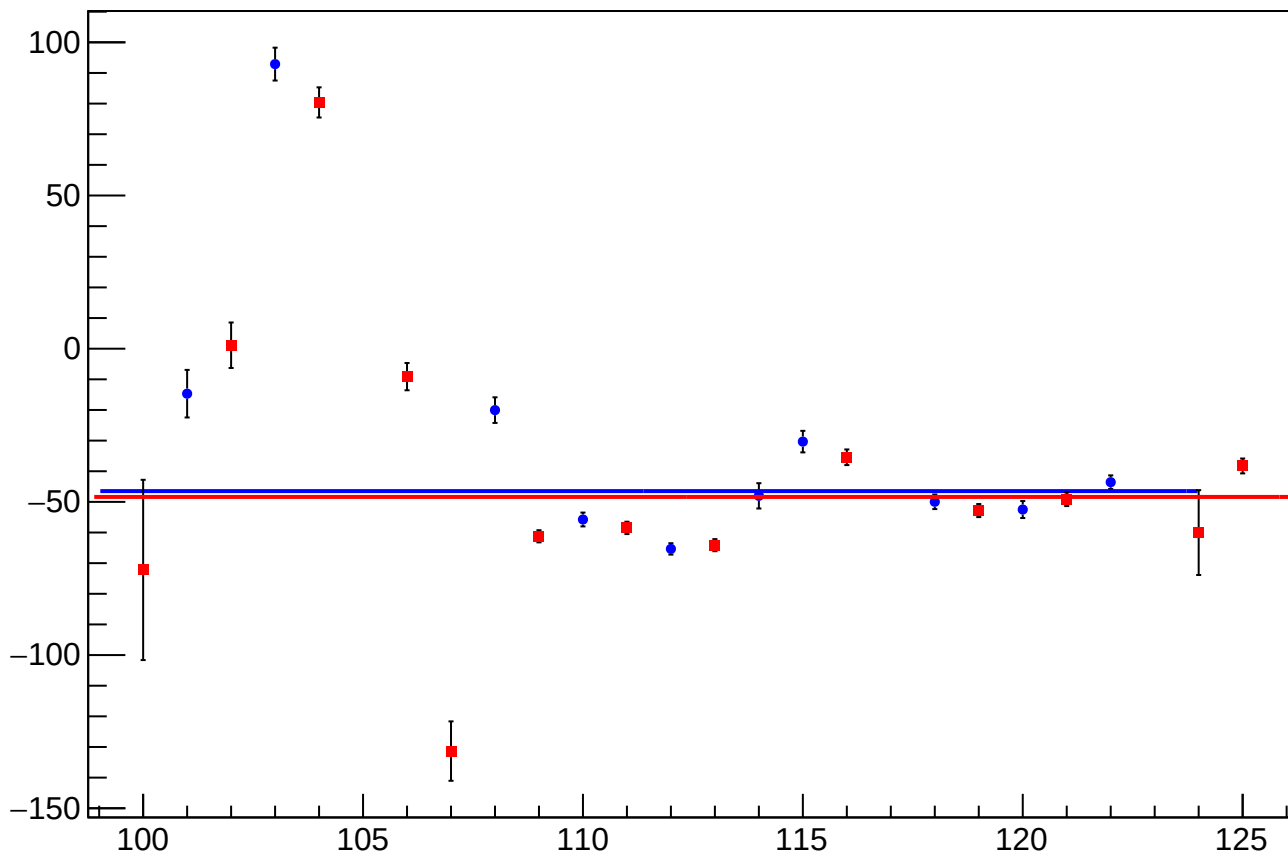
Right: 96.837 $\pm$ 0.073 χ^2 /NDF: 78298.1/22

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: 96.837 $\pm$ 0.073 χ^2 /NDF: 78298.1/22

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: -48.382+/-0.783 χ^2/NDF : 1059.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

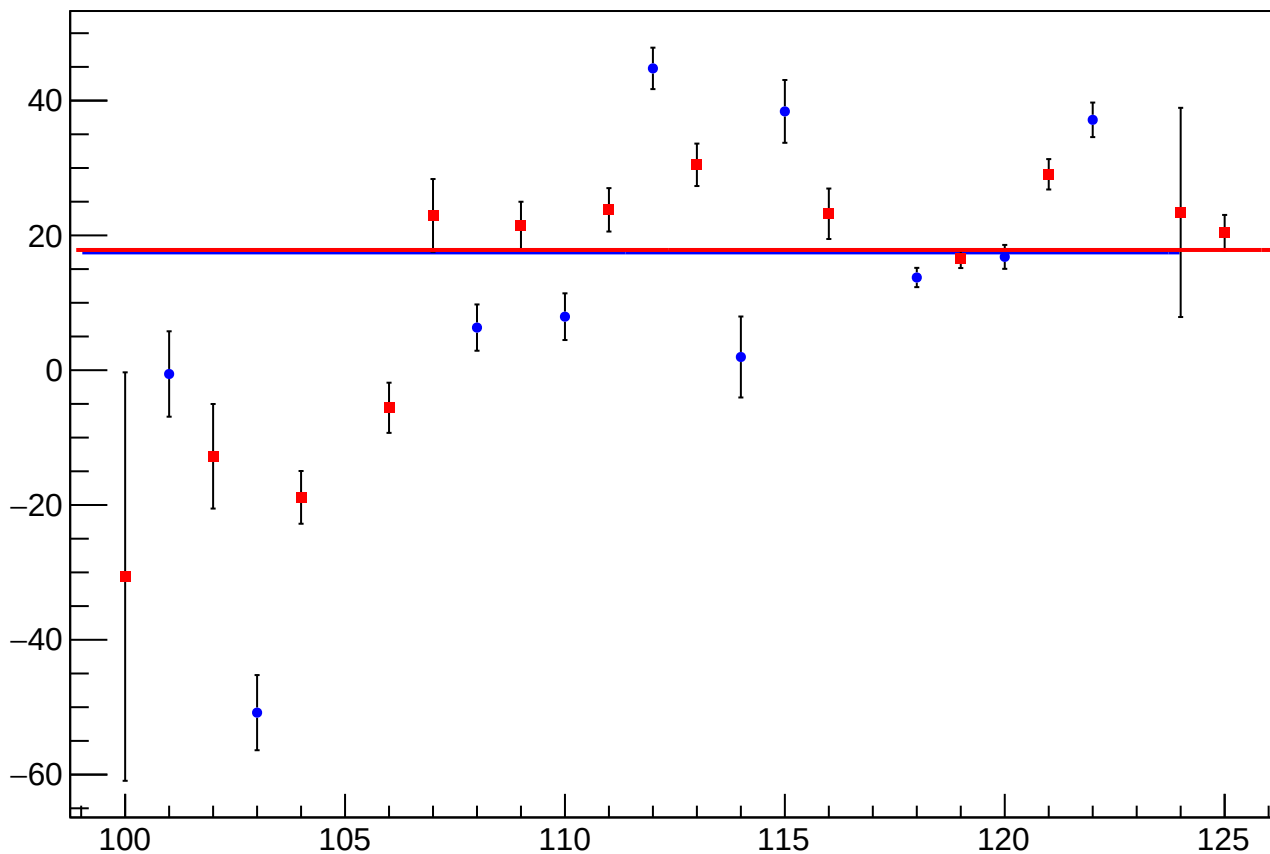
Right: -47.562+/-0.590 χ^2/NDF : 1943.3/22

In: -46.486+/-0.897 χ^2/NDF :881.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -47.562+/-0.590 χ^2/NDF : 1943.3/22

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: 17.837+/-0.851 χ^2/NDF : 195.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

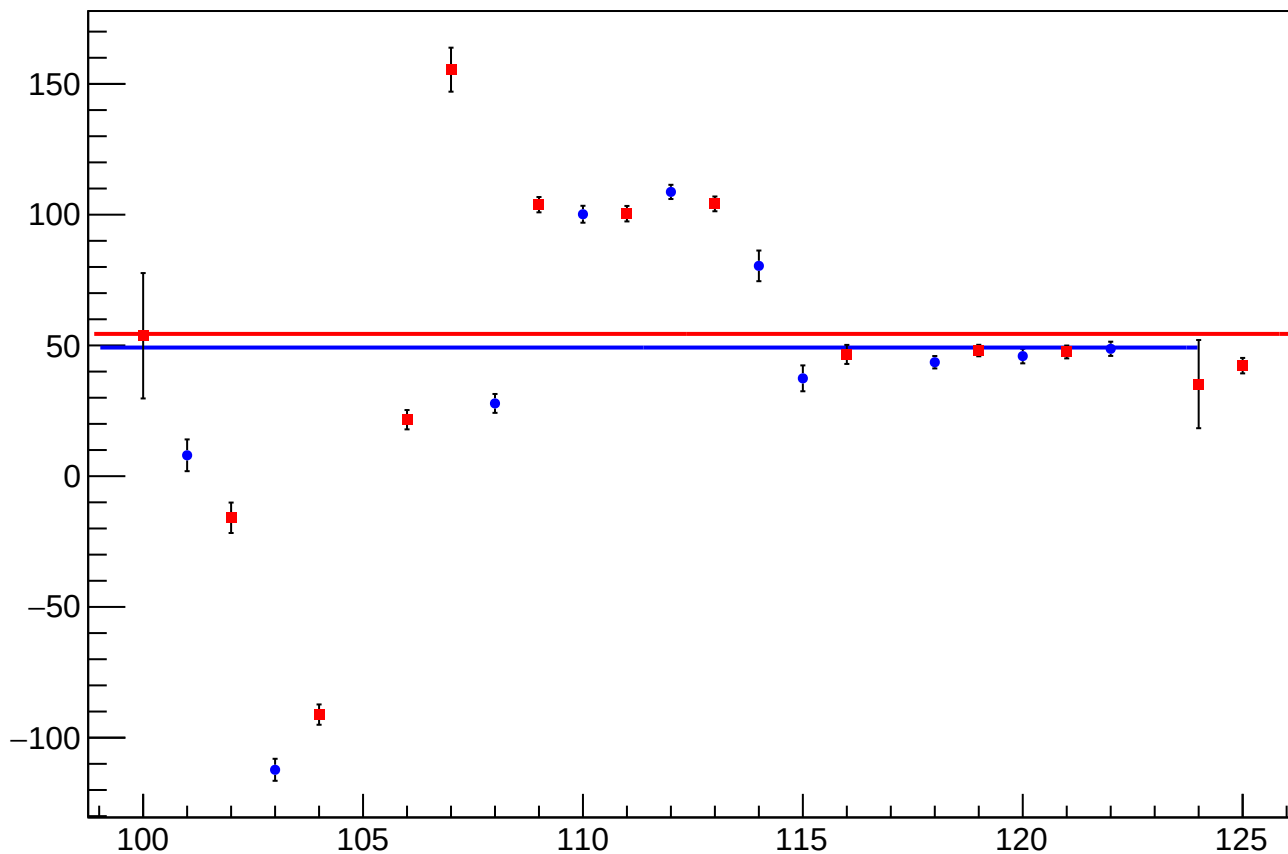
Right: 17.658+/-0.604 χ^2/NDF : 543.6/22

In: 17.476+/-0.856 χ^2/NDF : 347.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.658+/-0.604 χ^2/NDF : 543.6/22

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: 54.408+/-0.950 χ^2/NDF : 2647.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

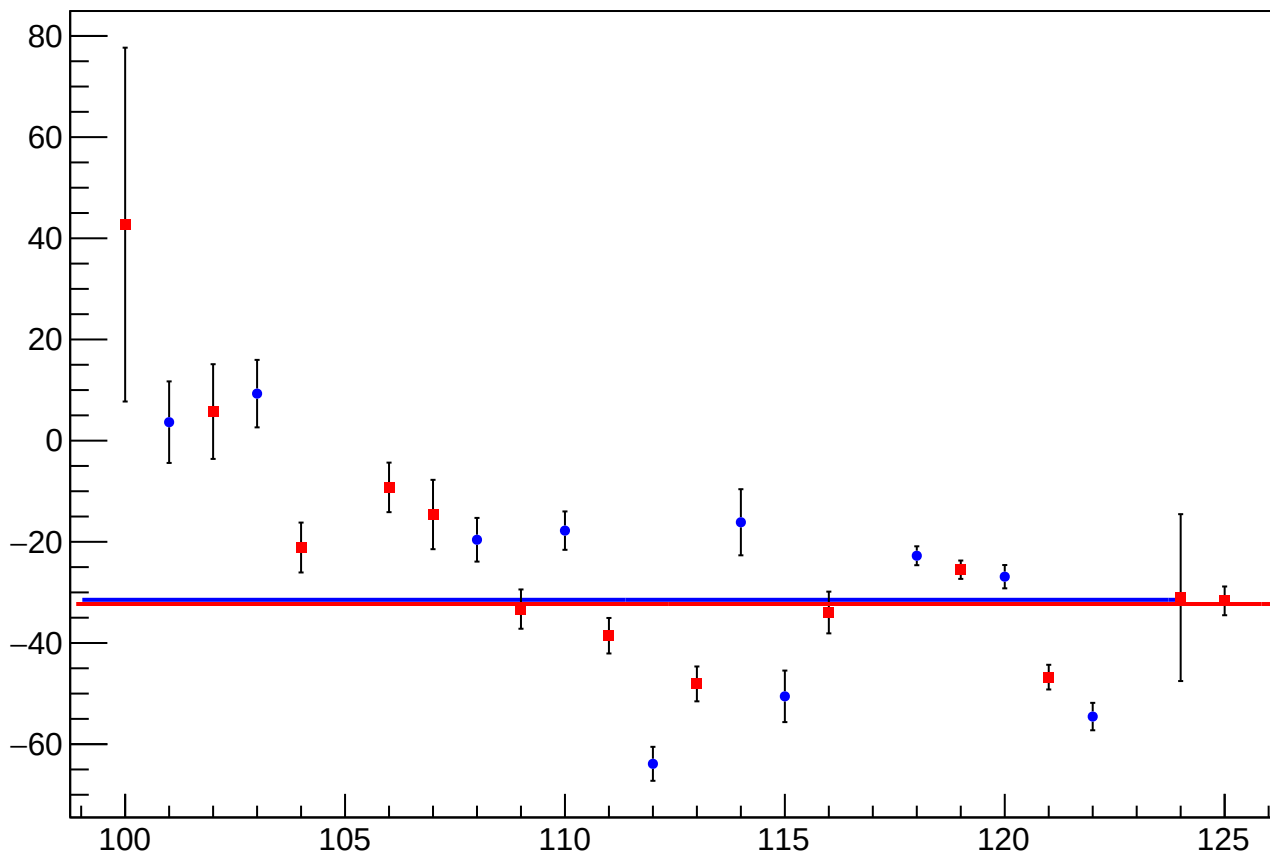
Right: 52.064+/-0.705 χ^2/NDF : 4983.4/22

In: 49.191+/-1.052 χ^2/NDF : 2322.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.064+/-0.705 χ^2/NDF : 4983.4/22

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -31.460+/-1.041 χ^2/NDF : 287.8/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -32.291+/-0.997 χ^2/NDF : 128.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

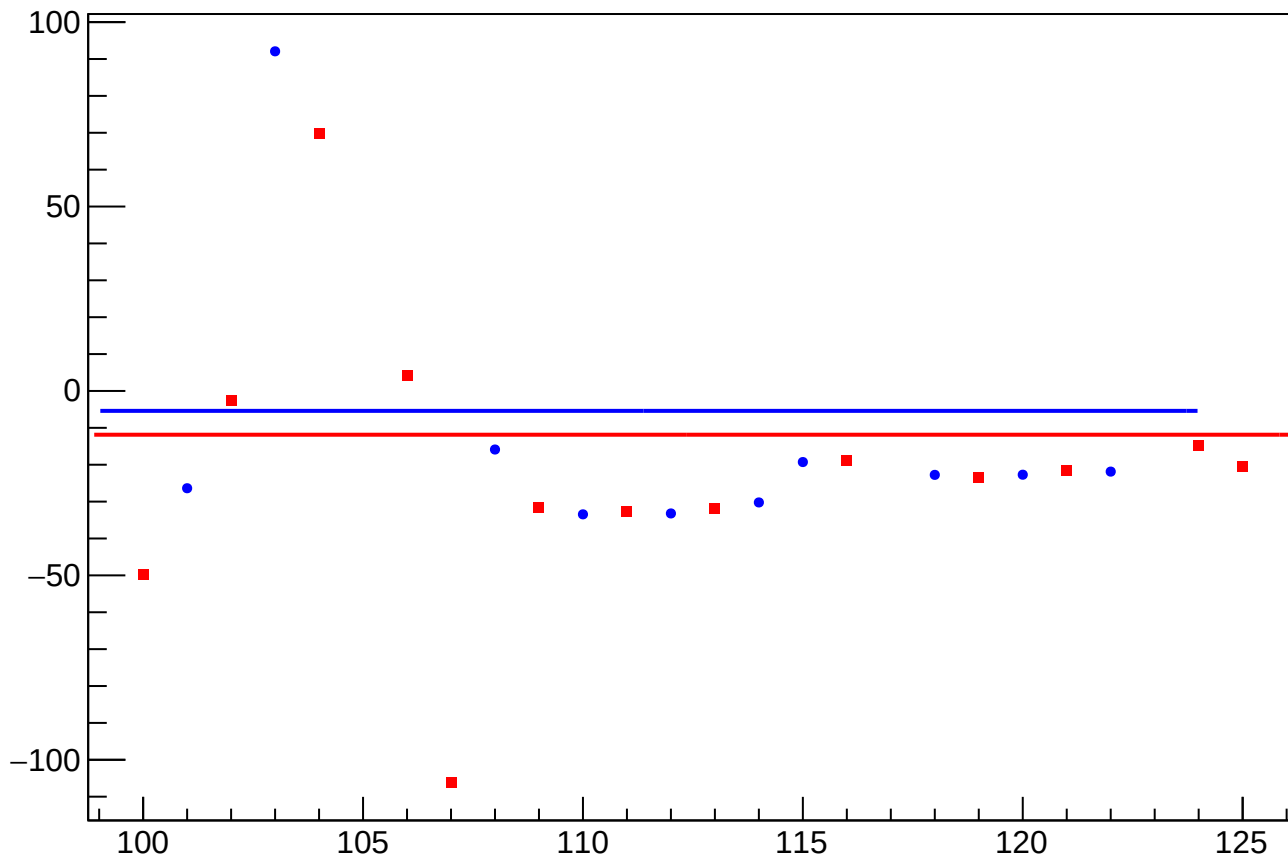
Right: -31.894+/-0.720 χ^2/NDF : 416.8/22

In: -31.460+/-1.041 χ^2/NDF : 287.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.894+/-0.720 χ^2/NDF : 416.8/22

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: -11.866+/-0.065 χ^2/NDF : 311572.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

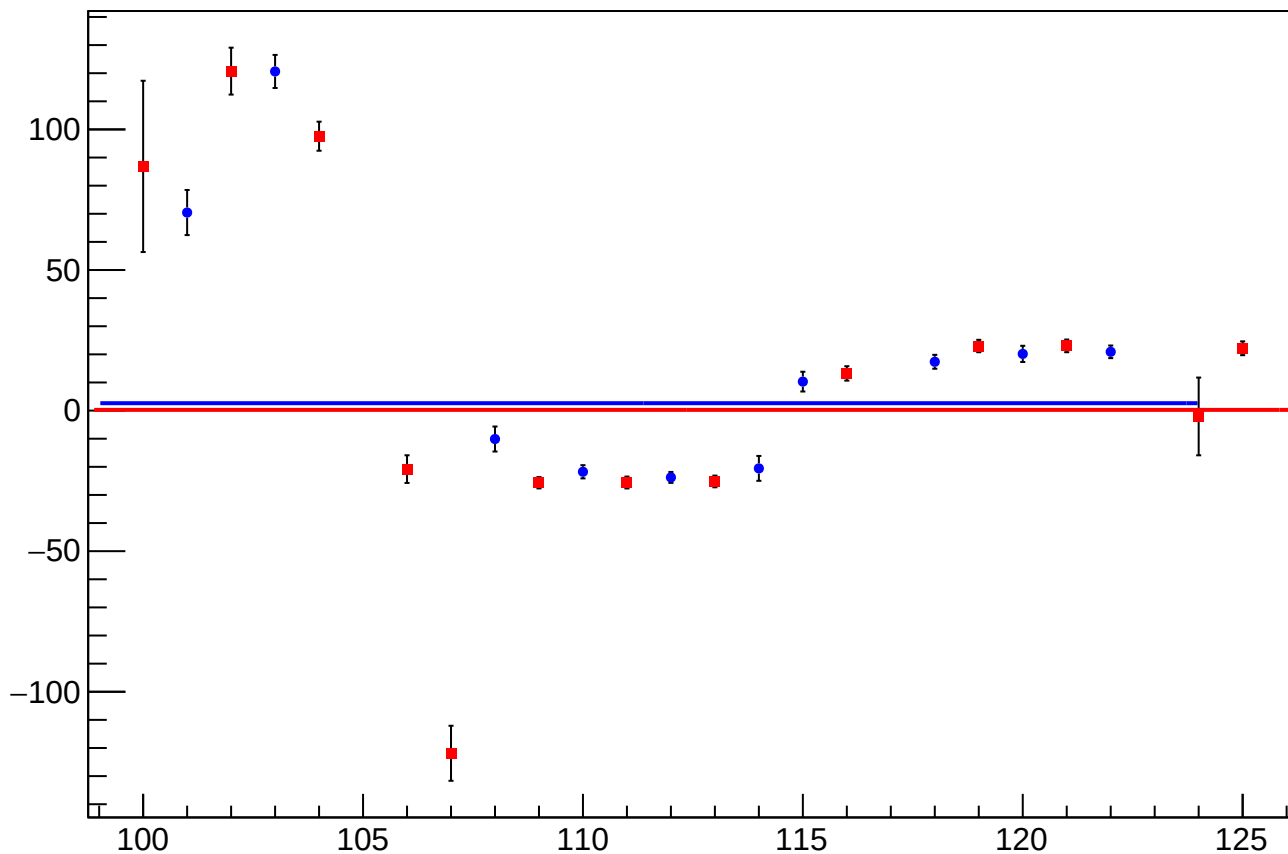
Right: -8.867+/-0.047 χ^2/NDF : 683482.4/22

In: -5.398+/-0.069 χ^2/NDF : 367249.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.867+/-0.047 χ^2/NDF : 683482.4/22

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: 0.252+/-0.808 χ^2/NDF : 1524.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

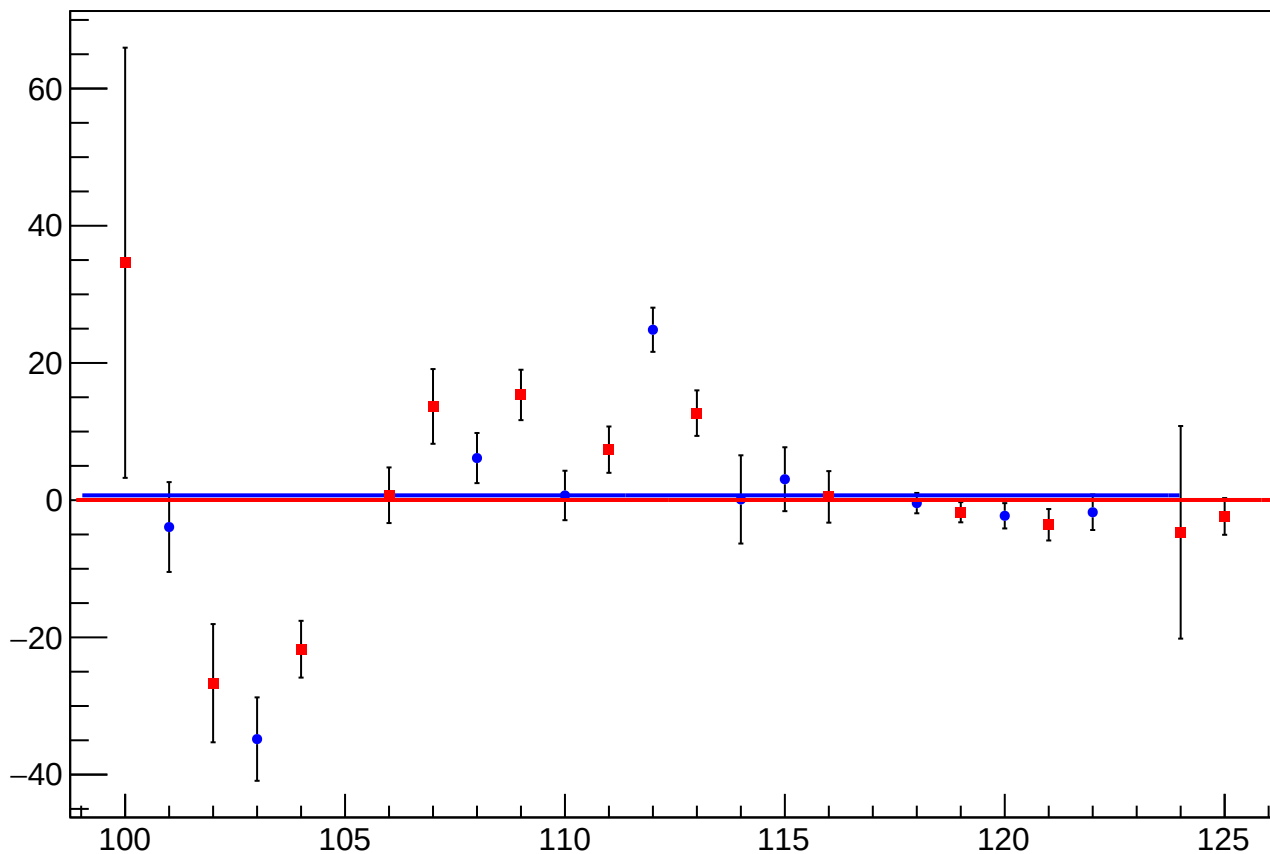
Right: 1.274+/-0.610 χ^2/NDF : 2472.7/22

In: 2.631+/-0.931 χ^2/NDF :944.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.274+/-0.610 χ^2/NDF : 2472.7/22

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: 0.028+/-0.881 χ^2/NDF : 86.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

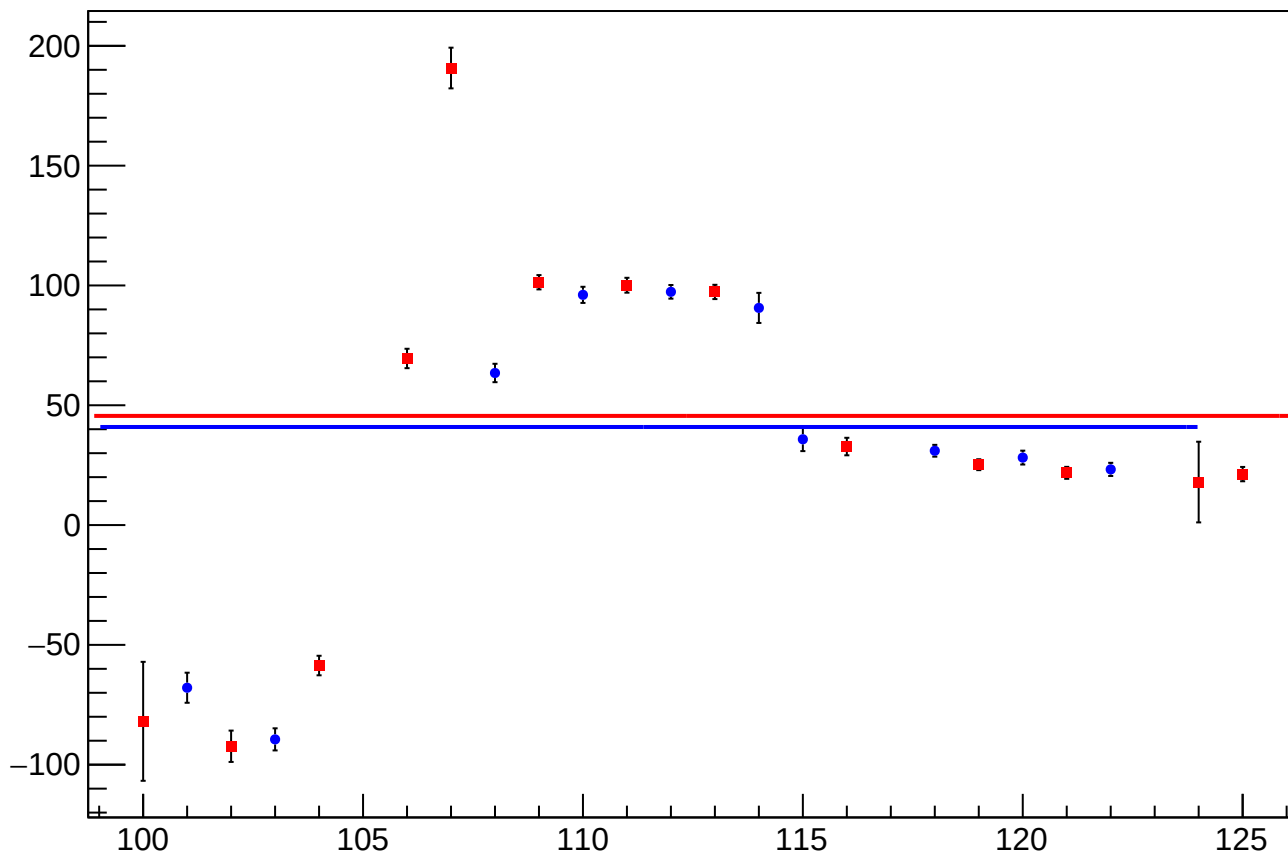
Right: 0.363+/-0.626 χ^2/NDF : 184.0/22

In: 0.703+/-0.888 χ^2/NDF : 97.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.363+/-0.626 χ^2/NDF : 184.0/22

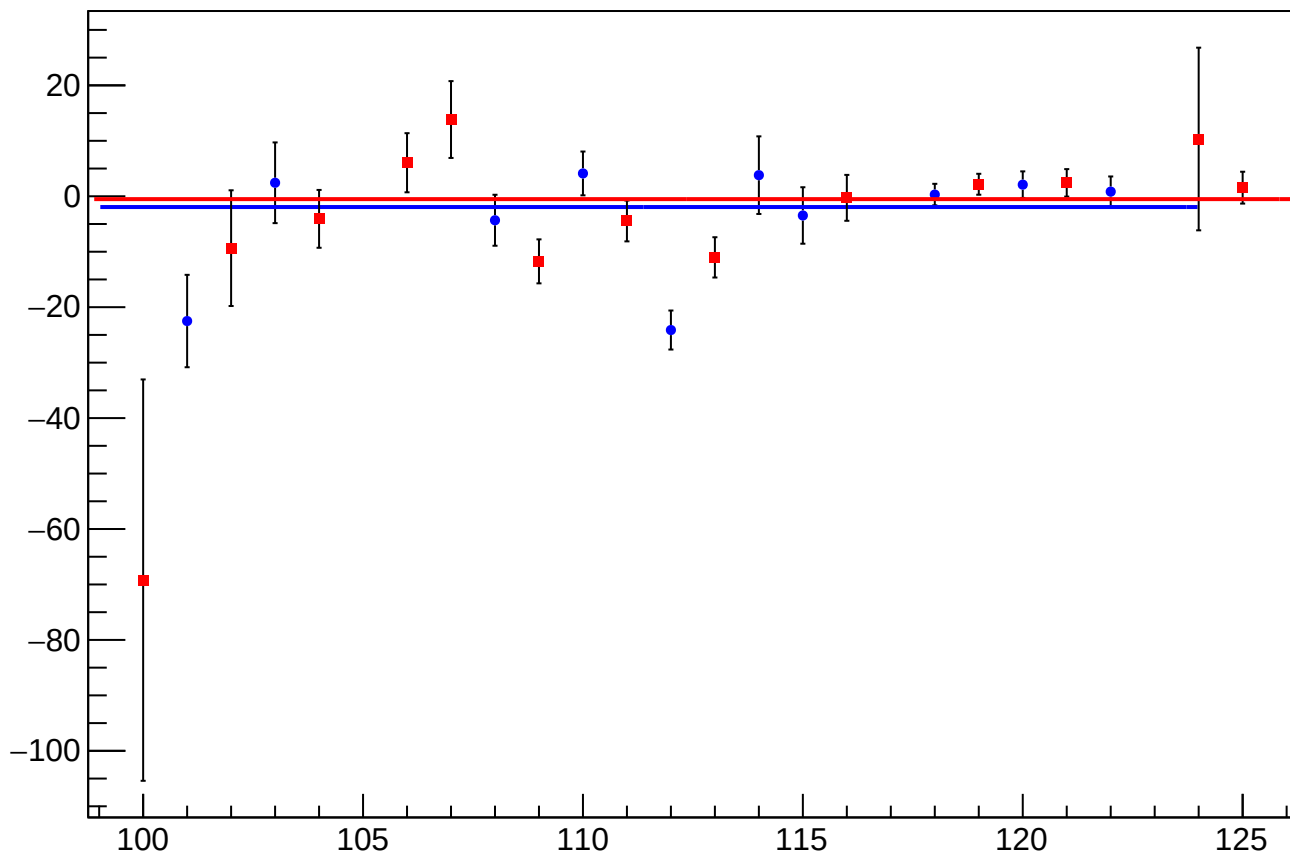
reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 45.560+/-0.984 χ^2 /NDF: 2661.5/12
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 43.491+/-0.732 χ^2 /NDF: 4606.6/22
 In: 40.933+/-1.094 χ^2 /NDF:1935.2/9
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: 43.491+/-0.732 χ^2 /NDF: 4606.6/22

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: -0.514 ± 1.030 χ^2/NDF : 32.5/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

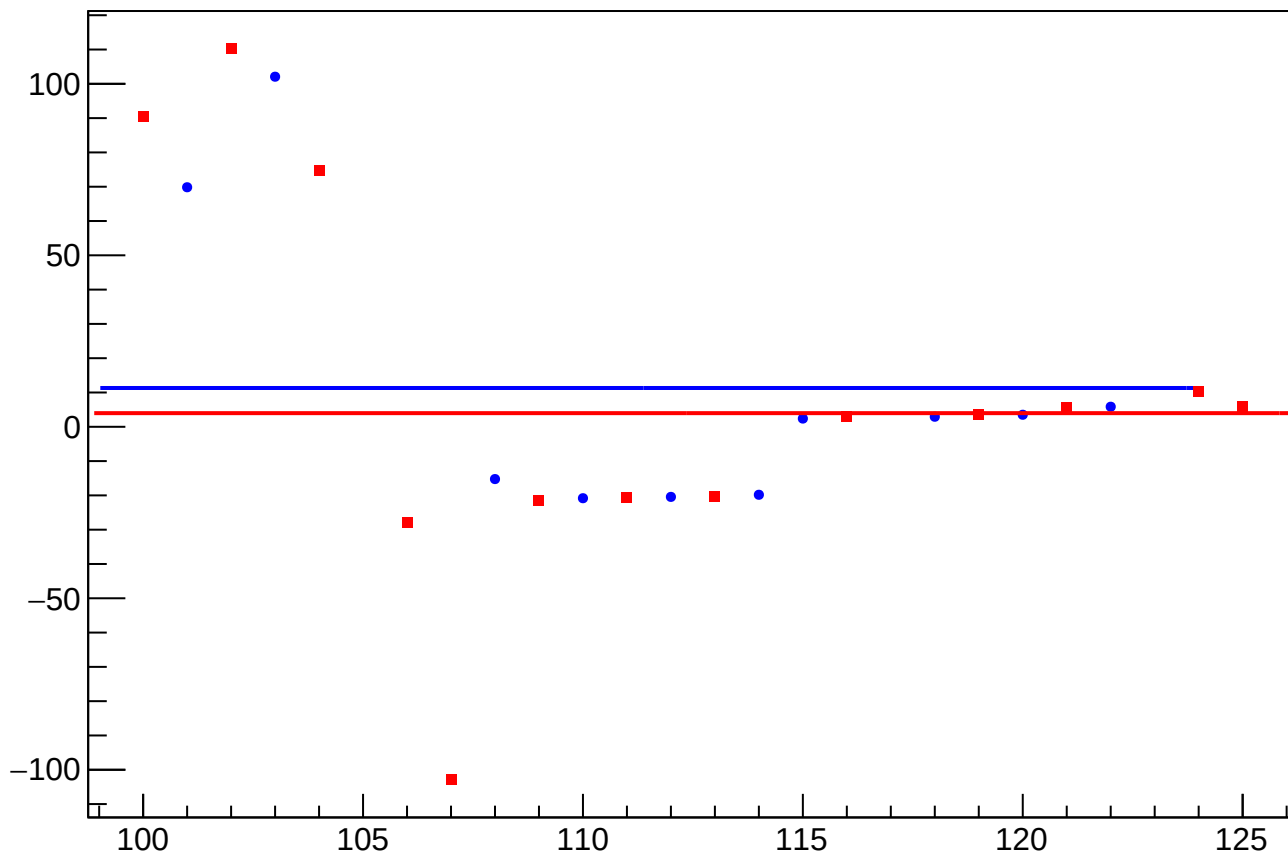
Right: -1.195 ± 0.745 χ^2/NDF : 88.2/22

In: -1.942 ± 1.079 χ^2/NDF : 54.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.195 ± 0.745 χ^2/NDF : 88.2/22

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: 3.979+/-0.068 χ^2/NDF : 434281.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

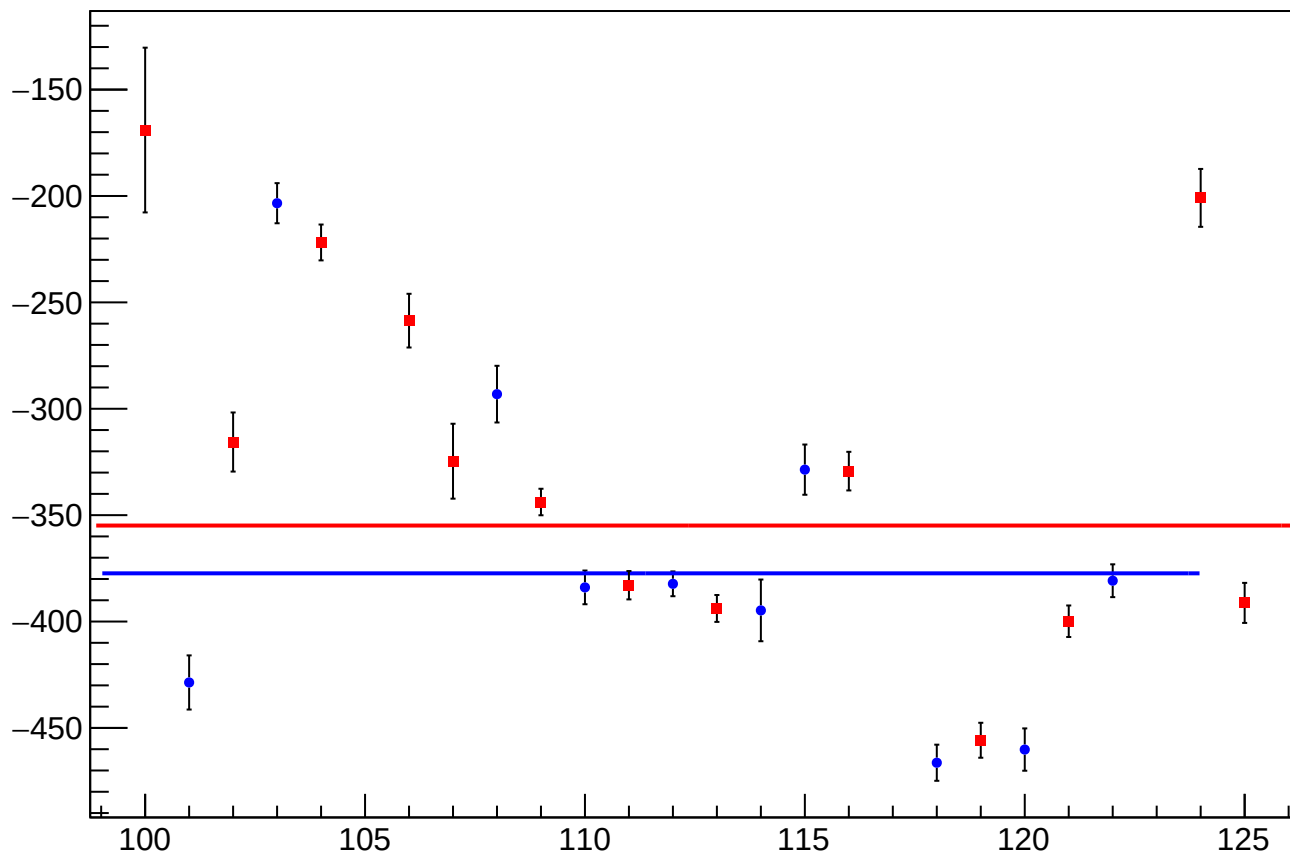
Right: 7.370+/-0.050 χ^2/NDF : 754451.8/22

In: 11.314+/-0.073 χ^2/NDF : 314718.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.370+/-0.050 χ^2/NDF : 754451.8/22

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: -354.883+/-2.465 χ^2 /NDF: 739.2/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

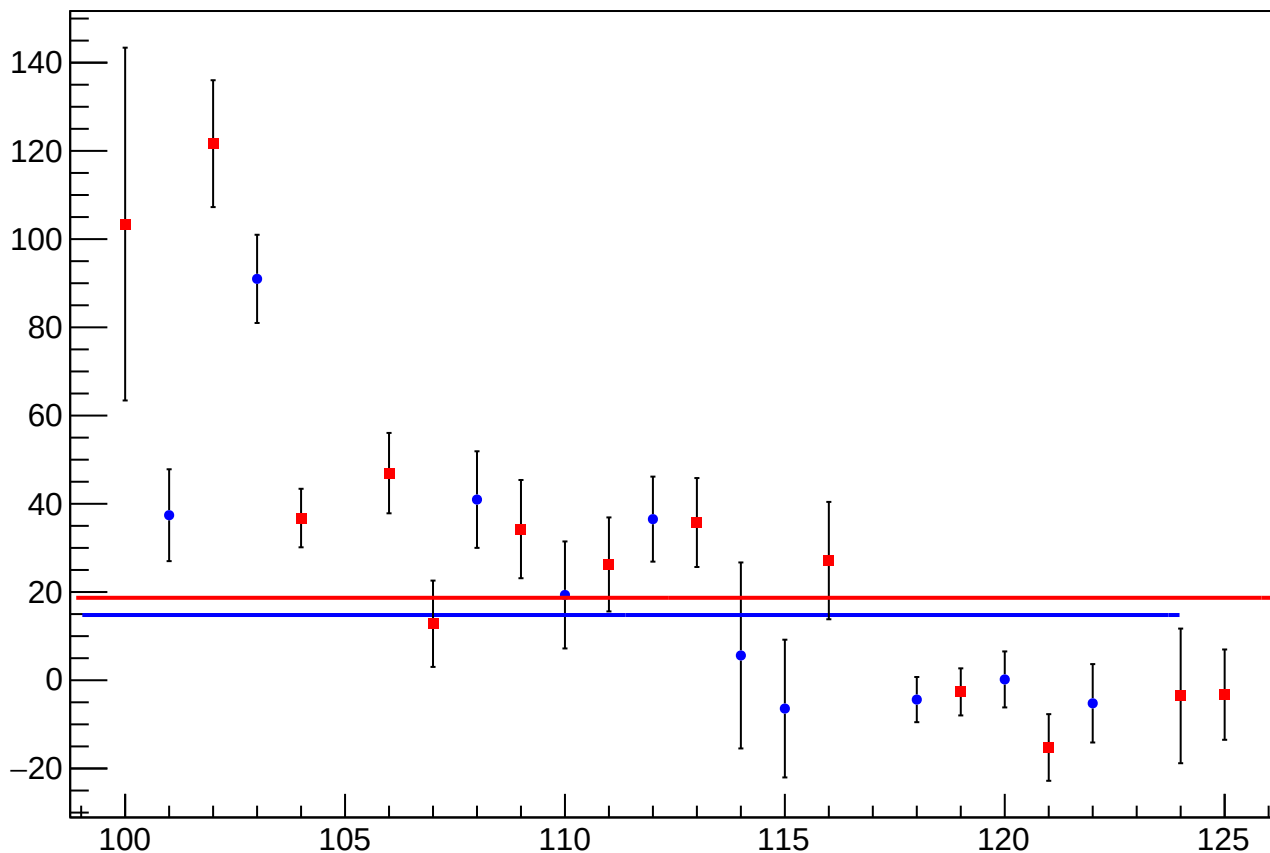
Right: -364.408+/-1.870 χ^2 /NDF: 1370.4/22

In: -377.344+/-2.872 χ^2 /NDF:595.9/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -364.408+/-1.870 χ^2 /NDF: 1370.4/22

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: 18.692+/-2.586 χ^2/NDF : 121.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

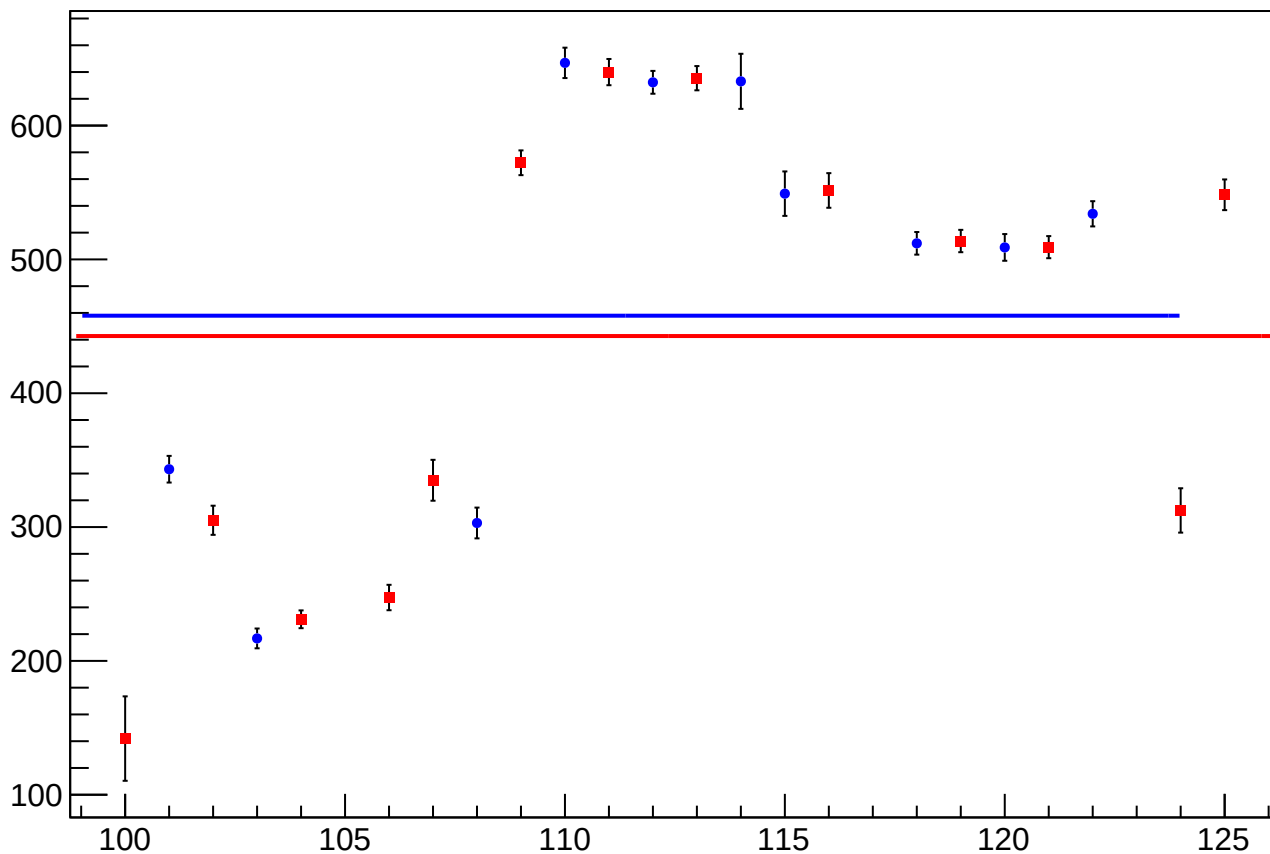
Right: 16.899+/-1.901 χ^2/NDF : 223.0/22

In: 14.789+/-2.805 χ^2/NDF : 100.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.899+/-1.901 χ^2/NDF : 223.0/22

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 457.935 $\pm$ 3.183 χ^2 /NDF: 2306.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 442.736 $\pm$ 2.795 χ^2 /NDF: 3146.8/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

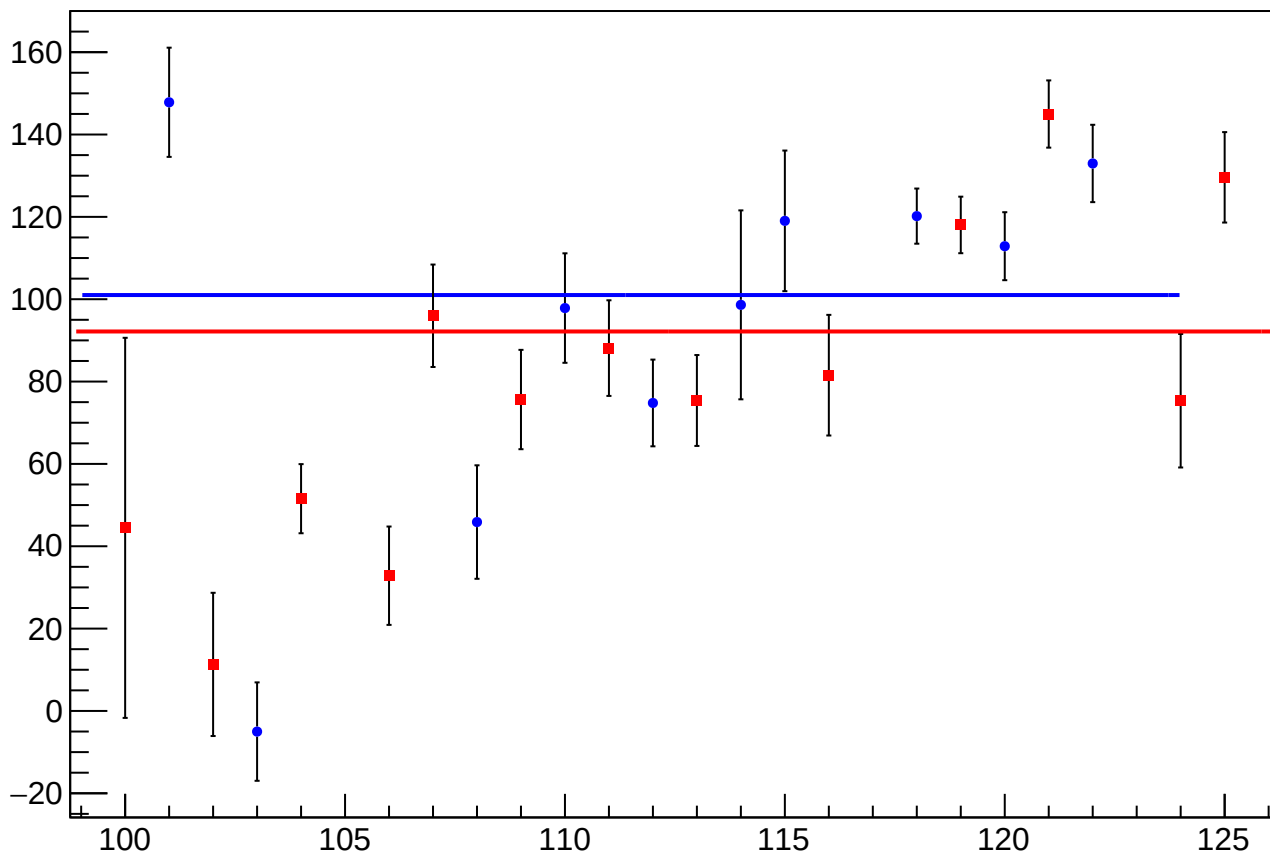
Right: 449.353 $\pm$ 2.100 χ^2 /NDF: 5465.6/22

In: 457.935 $\pm$ 3.183 χ^2 /NDF:2306.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 449.353 $\pm$ 2.100 χ^2 /NDF: 5465.6/22

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: 92.164+/-3.059 χ^2/NDF : 144.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

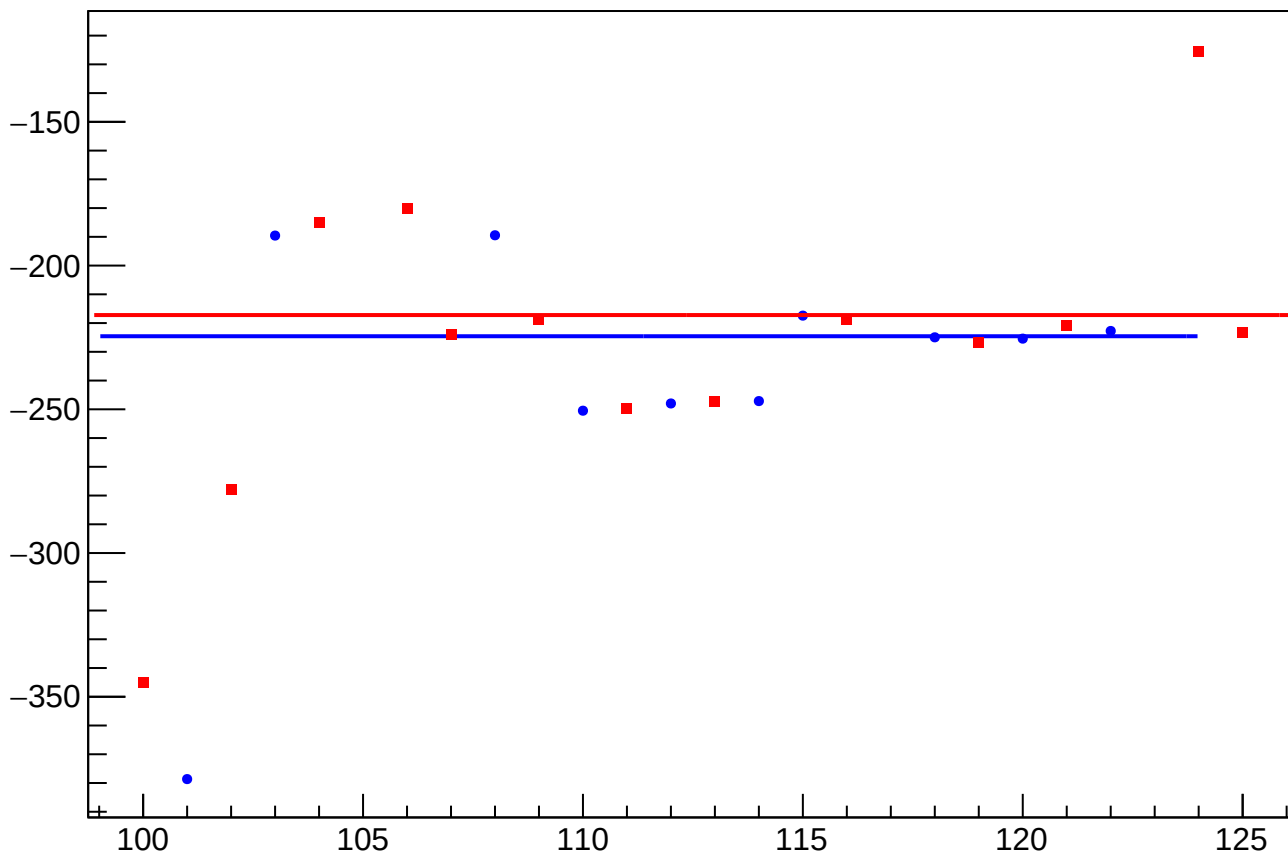
Right: 96.116+/-2.275 χ^2/NDF : 284.5/22

In: 101.013+/-3.405 χ^2/NDF : 136.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.116+/-2.275 χ^2/NDF : 284.5/22

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: -217.213 ± 0.171 χ^2/NDF : 47350.2/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

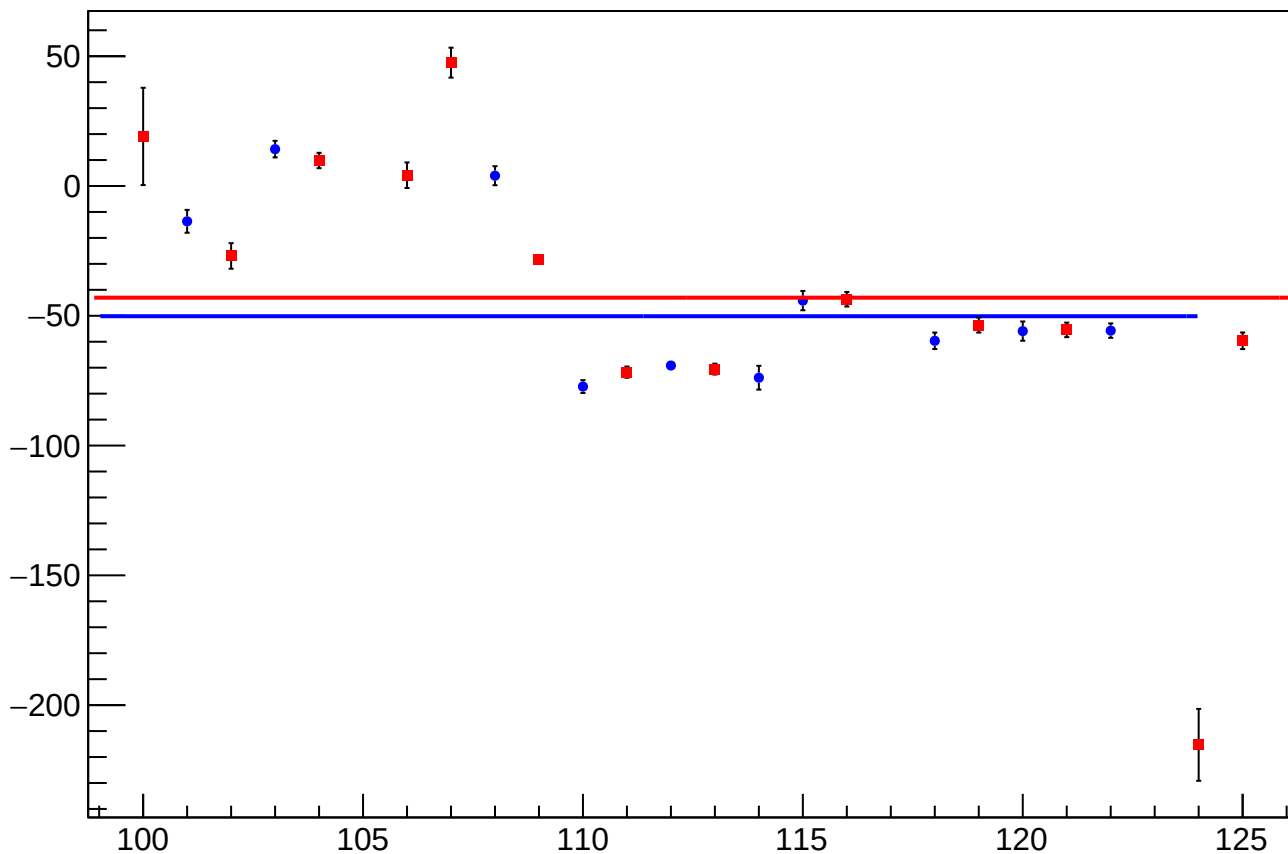
Right: -220.525 ± 0.127 χ^2/NDF : 135793.2/22

In: -224.580 ± 0.189 χ^2/NDF : 87608.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -220.525 ± 0.127 χ^2/NDF : 135793.2/22

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: -43.029 ± 0.797 χ^2/NDF : 1331.7/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

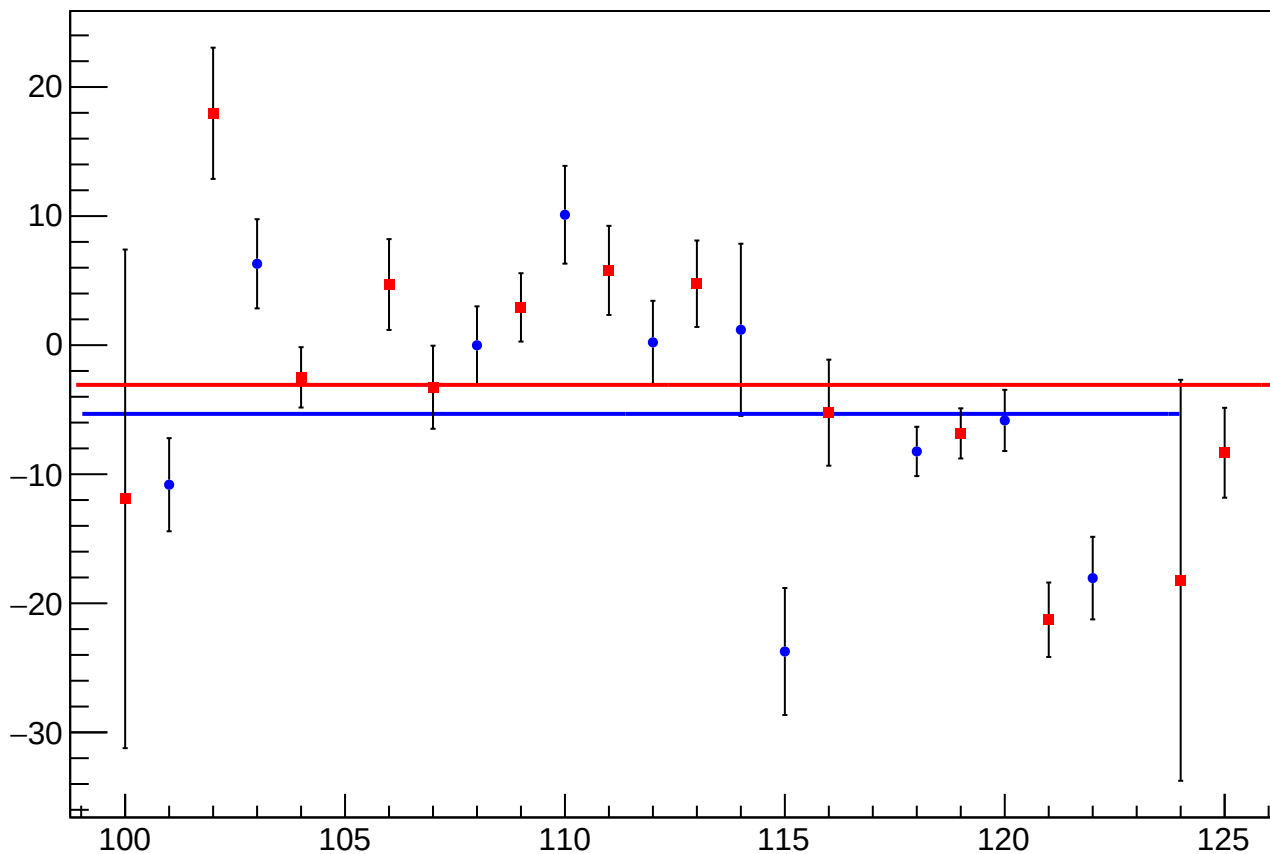
Right: -45.924 ± 0.615 χ^2/NDF : 2317.9/22

In: -50.172 ± 0.965 χ^2/NDF : 953.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -45.924 ± 0.615 χ^2/NDF : 2317.9/22

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: -3.077+/-0.895 χ^2/NDF : 86.5/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

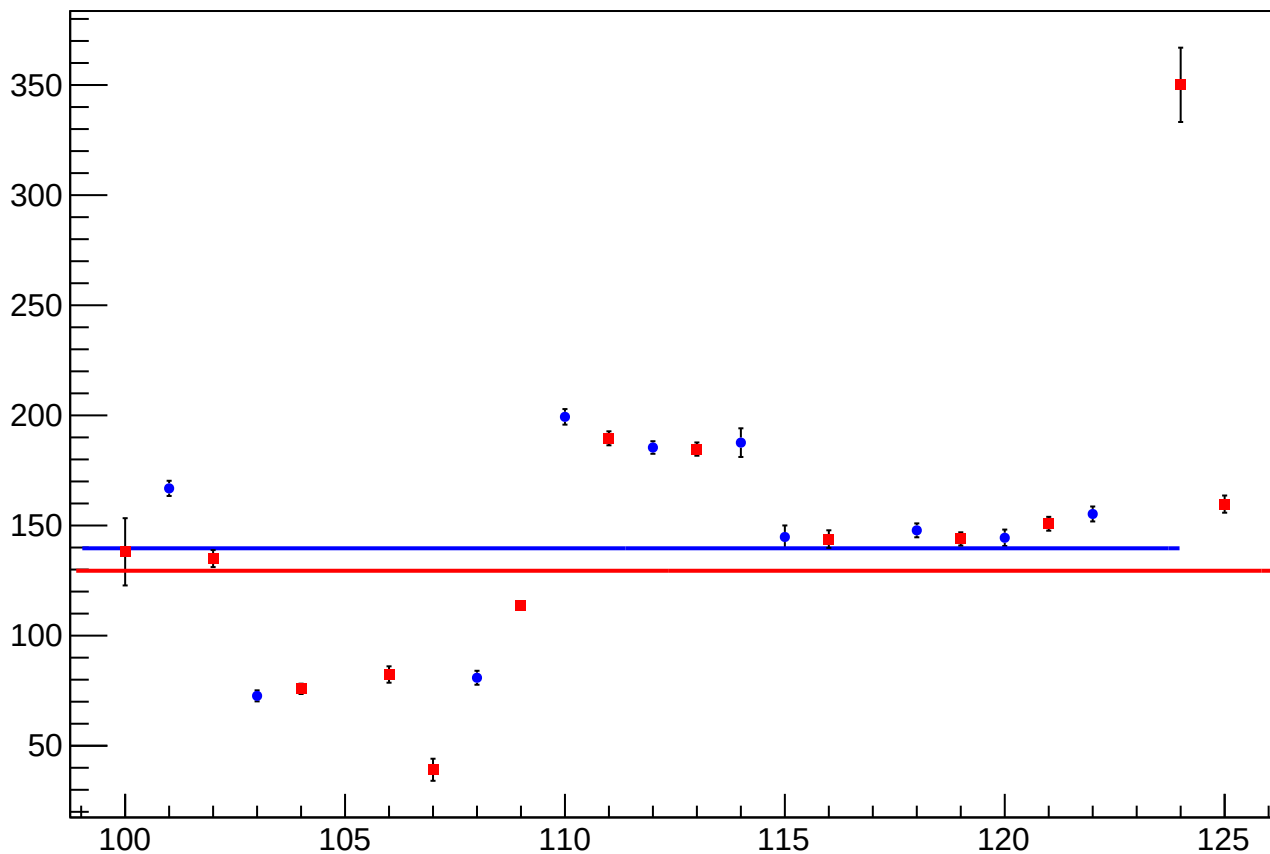
Right: -4.104+/-0.660 χ^2/NDF : 158.9/22

In: -5.325+/-0.976 χ^2/NDF :69.4/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.104+/-0.660 χ^2/NDF : 158.9/22

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: 129.456+/-0.947 χ^2/NDF : 2072.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

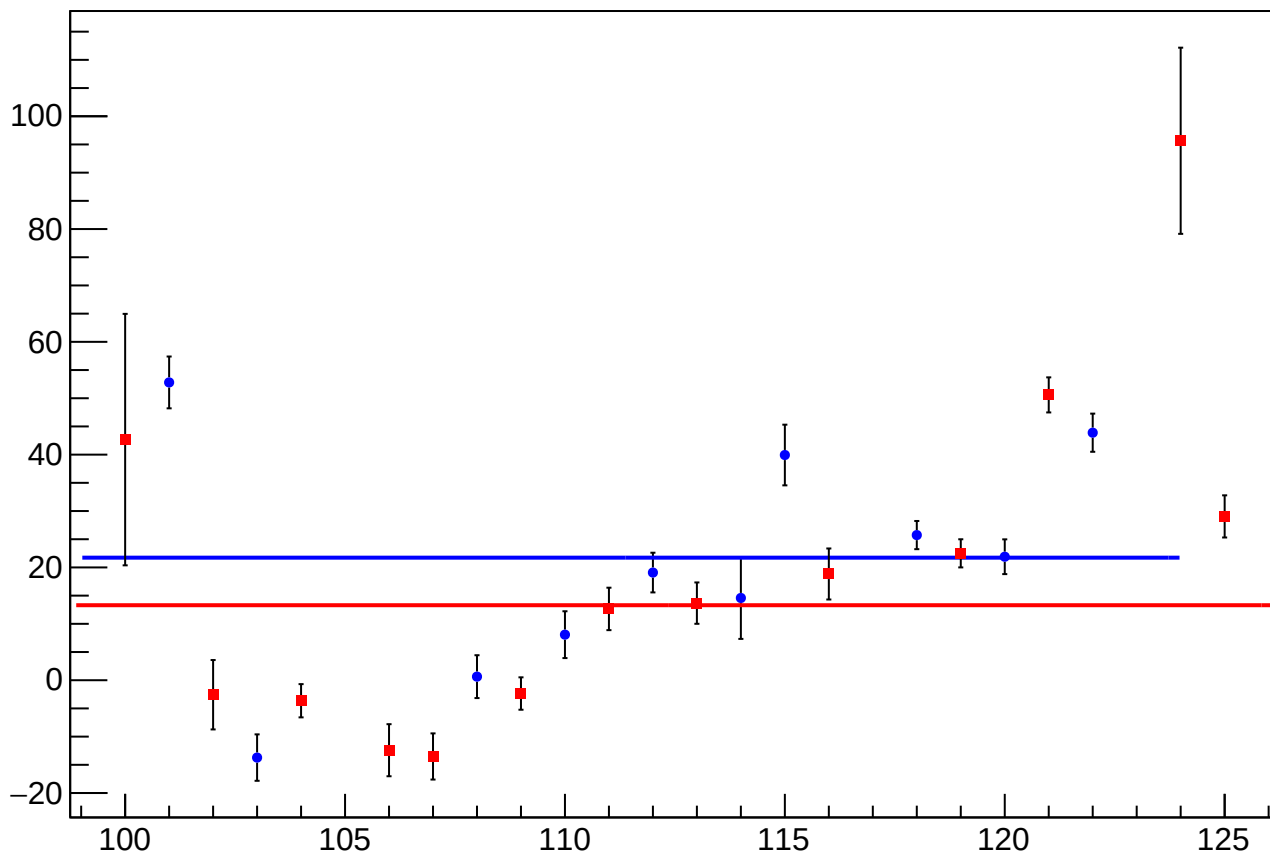
Right: 133.913+/-0.711 χ^2/NDF : 3871.4/22

In: 139.655+/-1.075 χ^2/NDF : 1748.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.913+/-0.711 χ^2/NDF : 3871.4/22

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 21.732 ± 1.178 $\chi^2/\text{NDF}: 220.0/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 13.299 ± 1.051 $\chi^2/\text{NDF}: 346.7/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

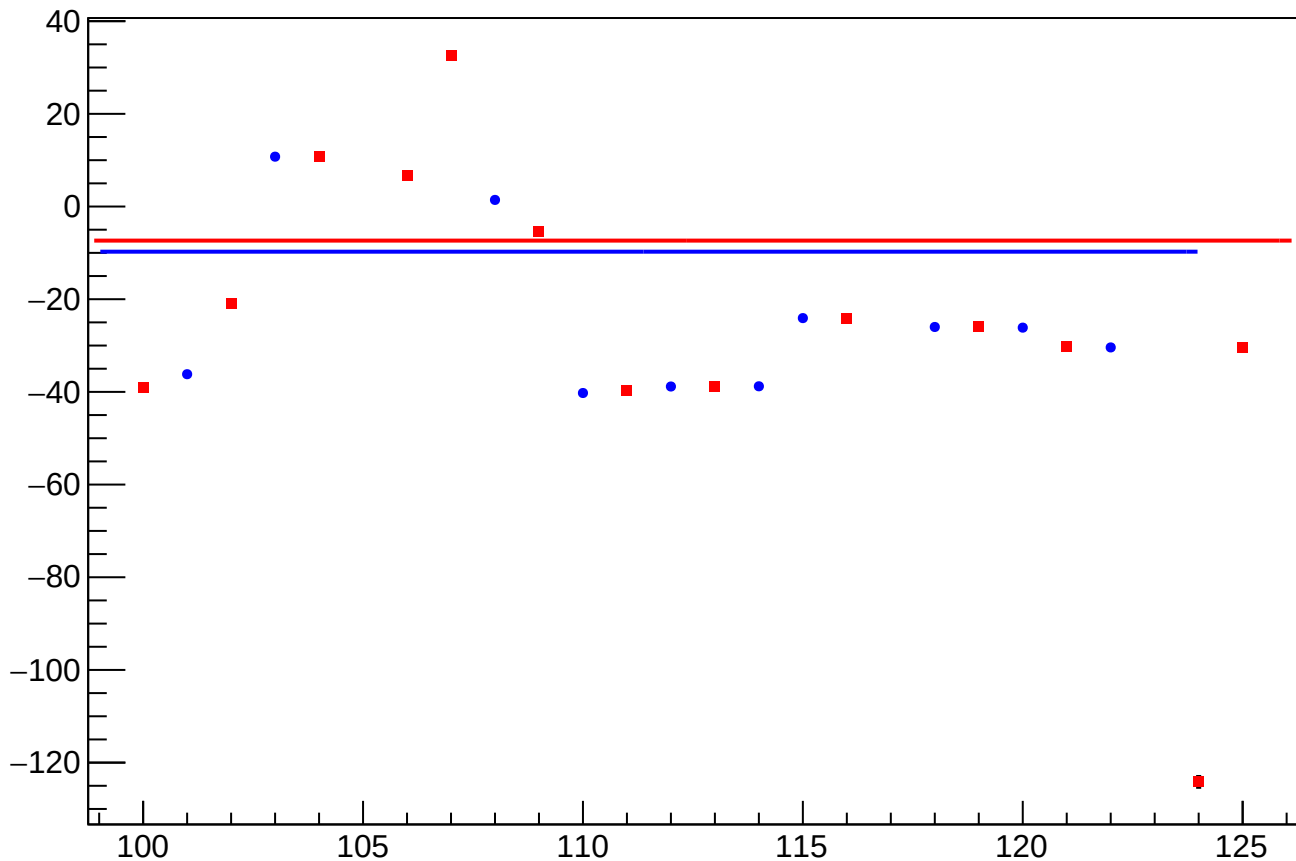
Right: 17.039 ± 0.784 $\chi^2/\text{NDF}: 595.3/22$

In: 21.732 ± 1.178 $\chi^2/\text{NDF}: 220.0/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 17.039 ± 0.784 $\chi^2/\text{NDF}: 595.3/22$

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: -7.353+/-0.058 χ^2/NDF : 144431.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

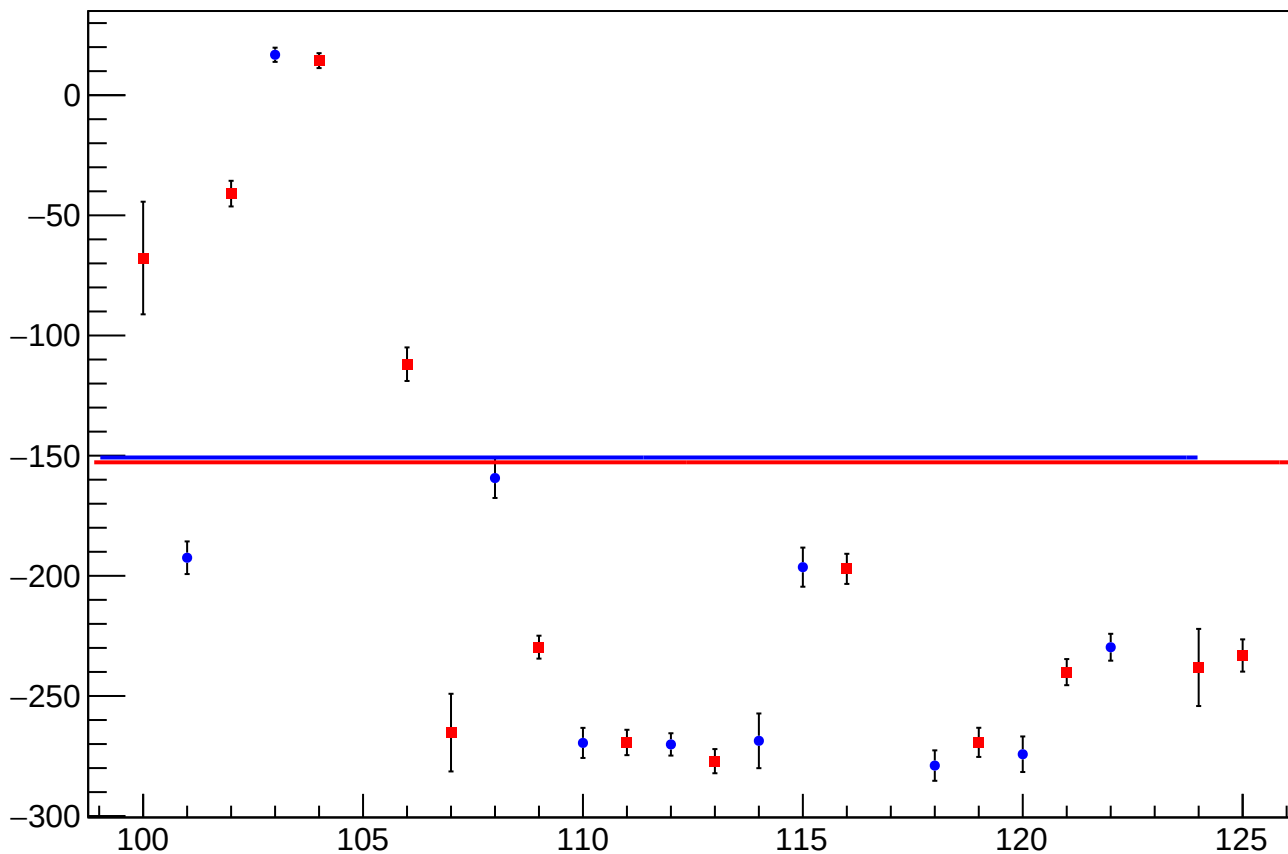
Right: -8.476+/-0.043 χ^2/NDF : 253973.6/22

In: -9.744+/-0.062 χ^2/NDF : 108755.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.476+/-0.043 χ^2/NDF : 253973.6/22

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: -152.770+/-1.587 χ^2/NDF : 5643.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

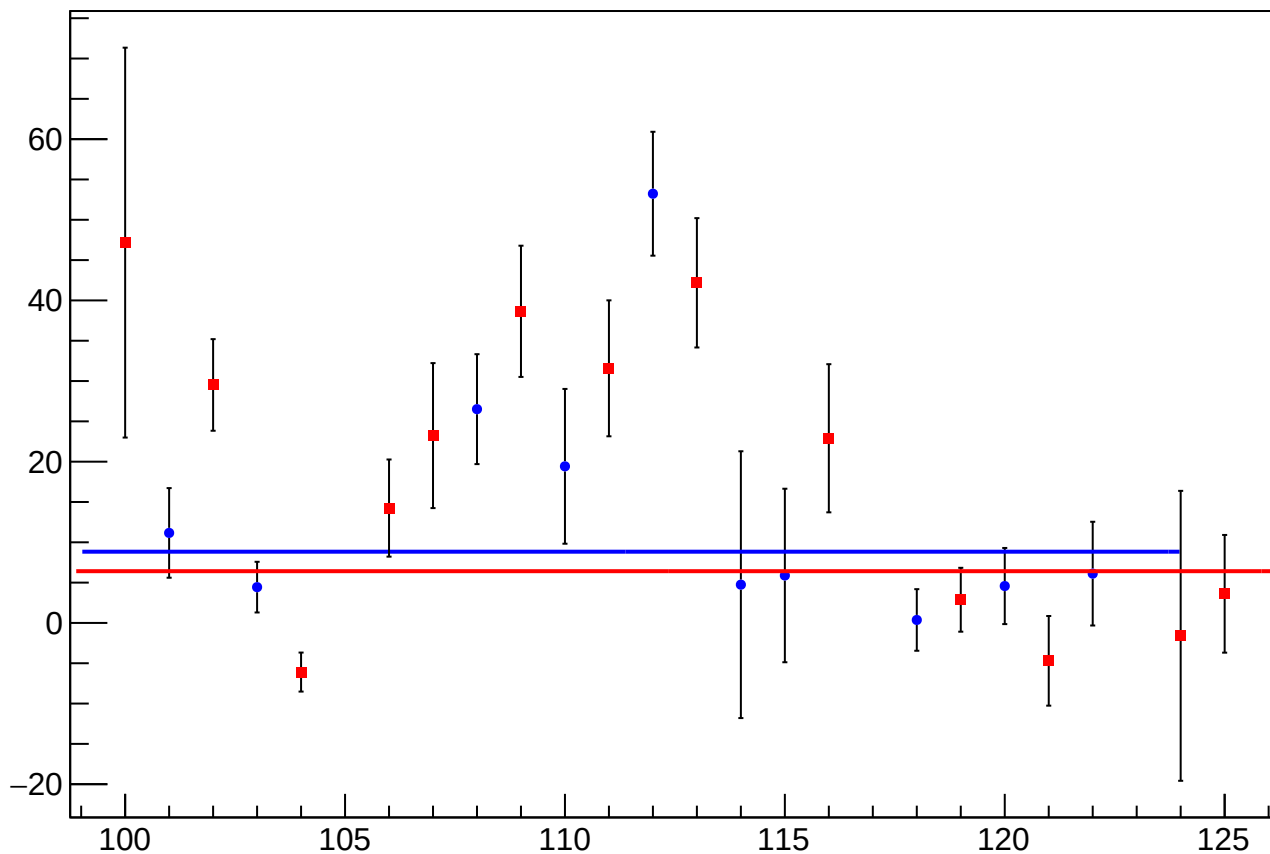
Right: -151.873+/-1.181 χ^2/NDF : 10941.5/22

In: -150.761+/-1.766 χ^2/NDF :5297.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -151.873+/-1.181 χ^2/NDF : 10941.5/22

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: 6.418+/-1.547 χ^2/NDF : 104.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

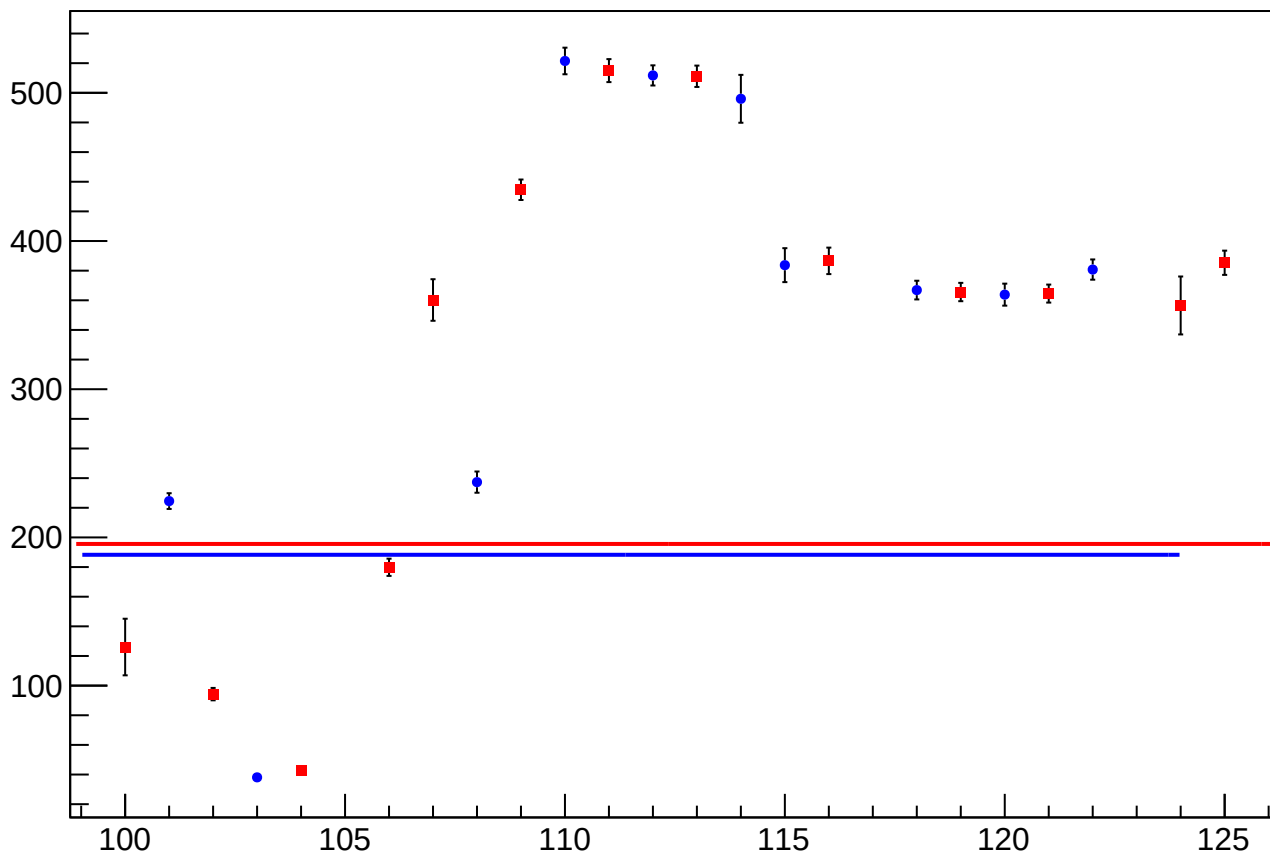
Right: 7.490+/-1.154 χ^2/NDF : 154.7/22

In: 8.835+/-1.733 χ^2/NDF : 49.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.490+/-1.154 χ^2/NDF : 154.7/22

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: 195.593+/-1.578 χ^2/NDF : 12036.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

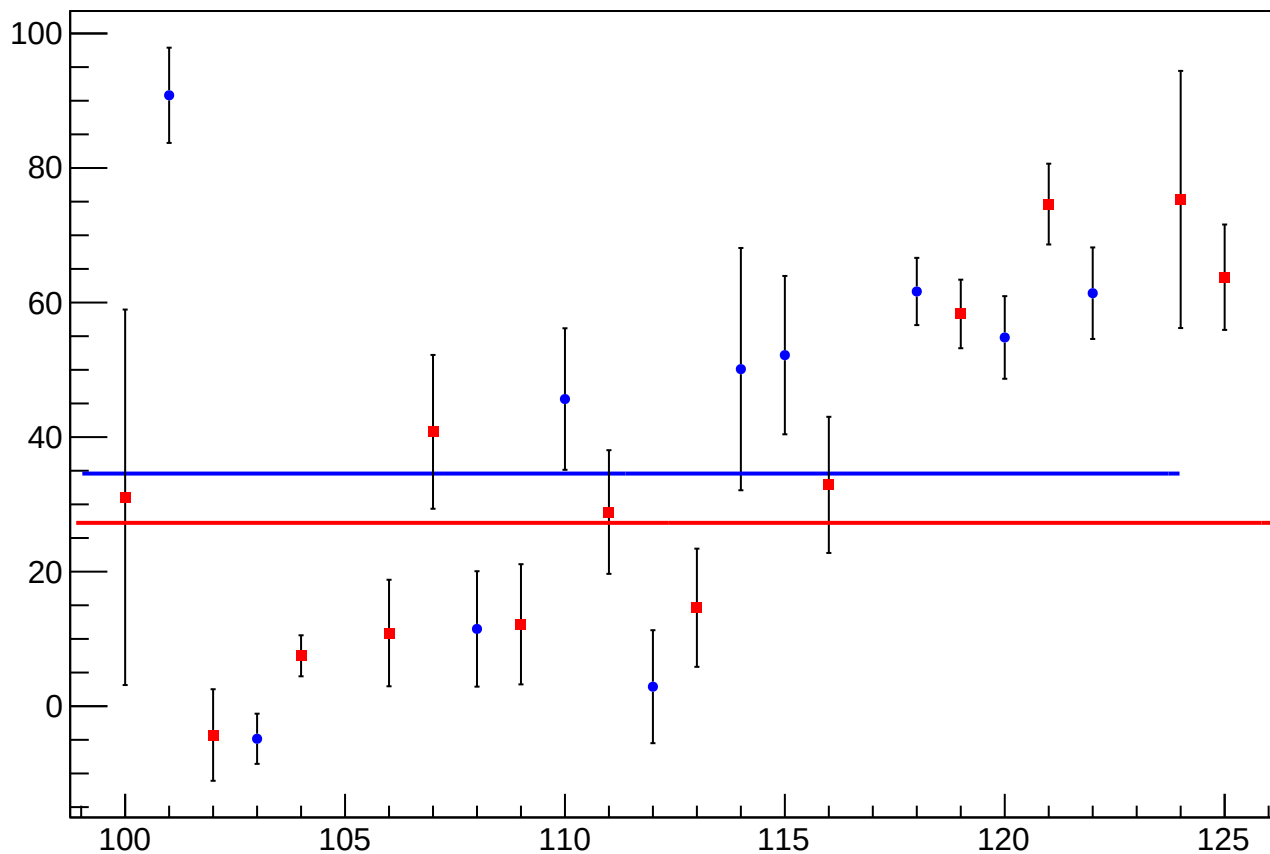
Right: 192.184+/-1.153 χ^2/NDF : 22770.8/22

In: 188.278+/-1.689 χ^2/NDF :10724.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 192.184+/-1.153 χ^2/NDF : 22770.8/22

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: 27.253+/-1.869 χ^2/NDF : 201.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

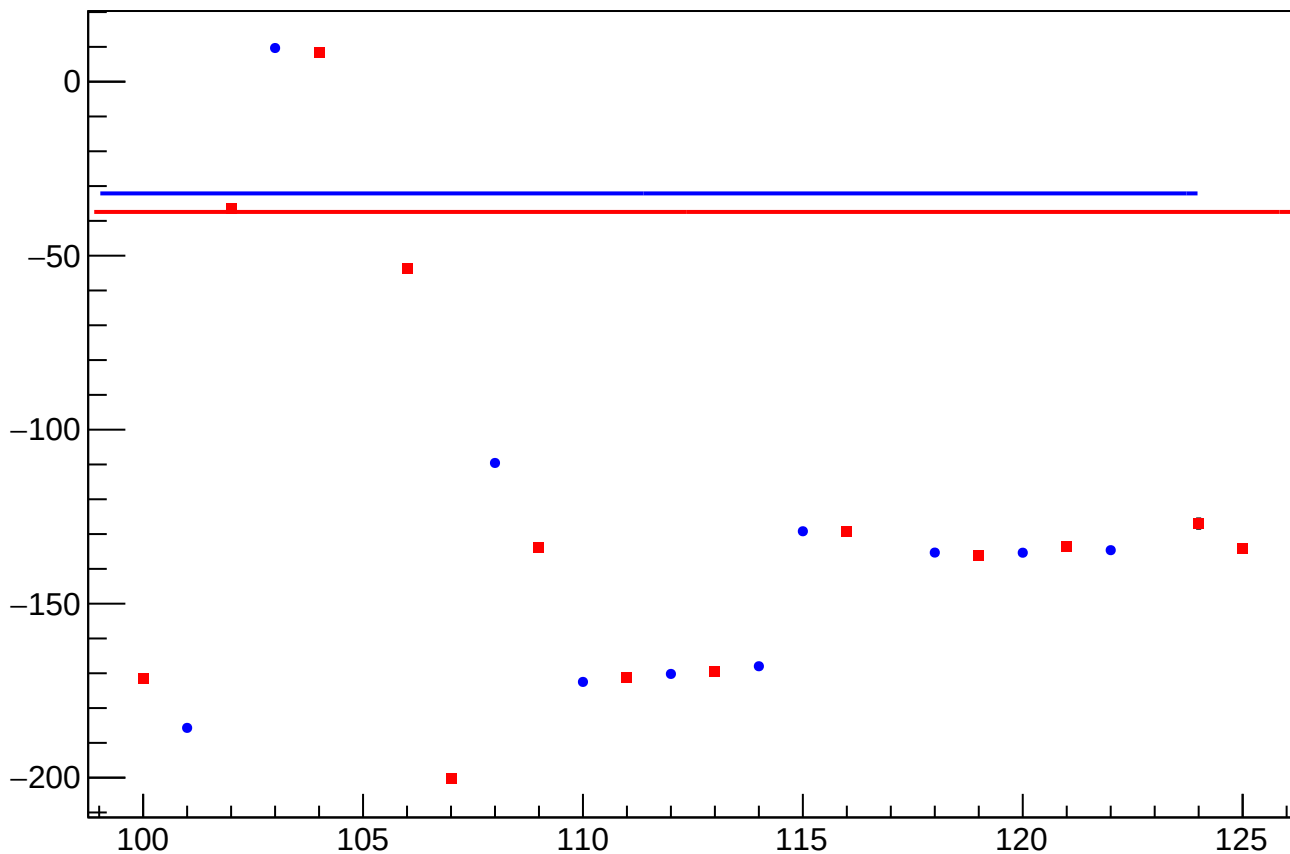
Right: 30.493+/-1.395 χ^2/NDF : 464.8/22

In: 34.580+/-2.098 χ^2/NDF : 256.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.493+/-1.395 χ^2/NDF : 464.8/22

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: -37.430+/-0.082 χ^2/NDF : 533435.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

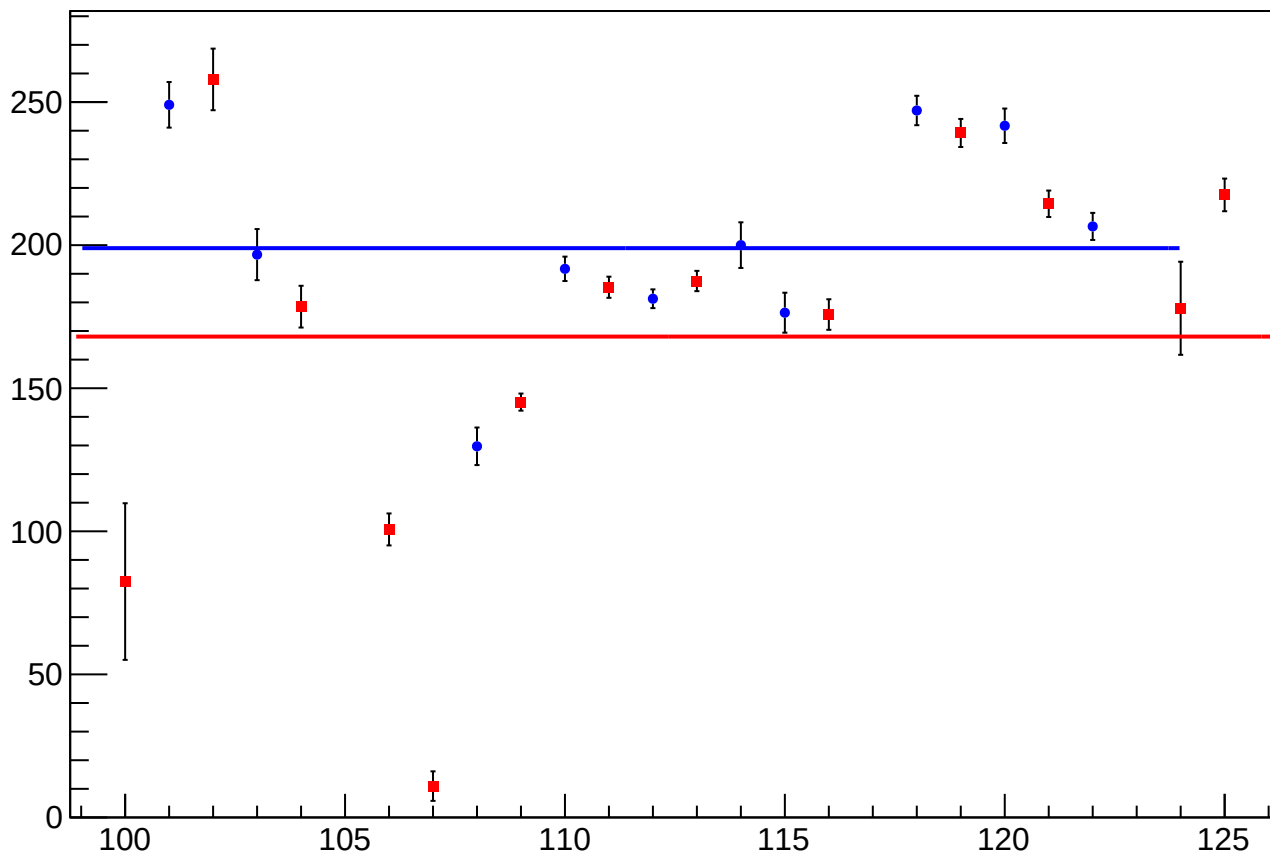
Right: -34.781+/-0.058 χ^2/NDF : 1269206.3/22

In: -32.108+/-0.082 χ^2/NDF : 733676.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.781+/-0.058 χ^2/NDF : 1269206.3/22

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 198.958 $\pm$ 1.700 χ^2 /NDF: 334.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 168.053 $\pm$ 1.385 χ^2 /NDF: 1653.7/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

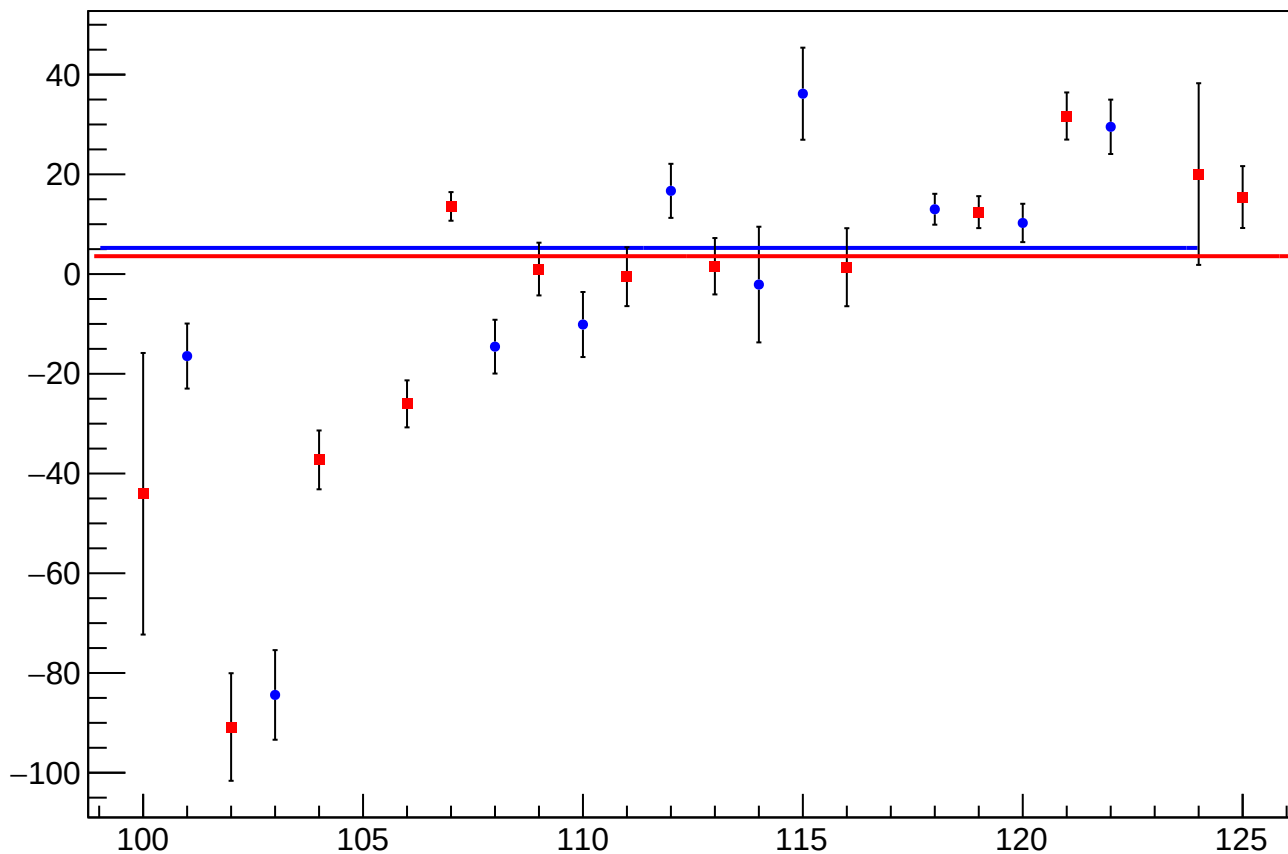
Right: 180.387 $\pm$ 1.074 χ^2 /NDF: 2186.4/22

In: 198.958 $\pm$ 1.700 χ^2 /NDF:334.0/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 180.387 $\pm$ 1.074 χ^2 /NDF: 2186.4/22

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: 3.585+/-1.431 χ^2/NDF : 227.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

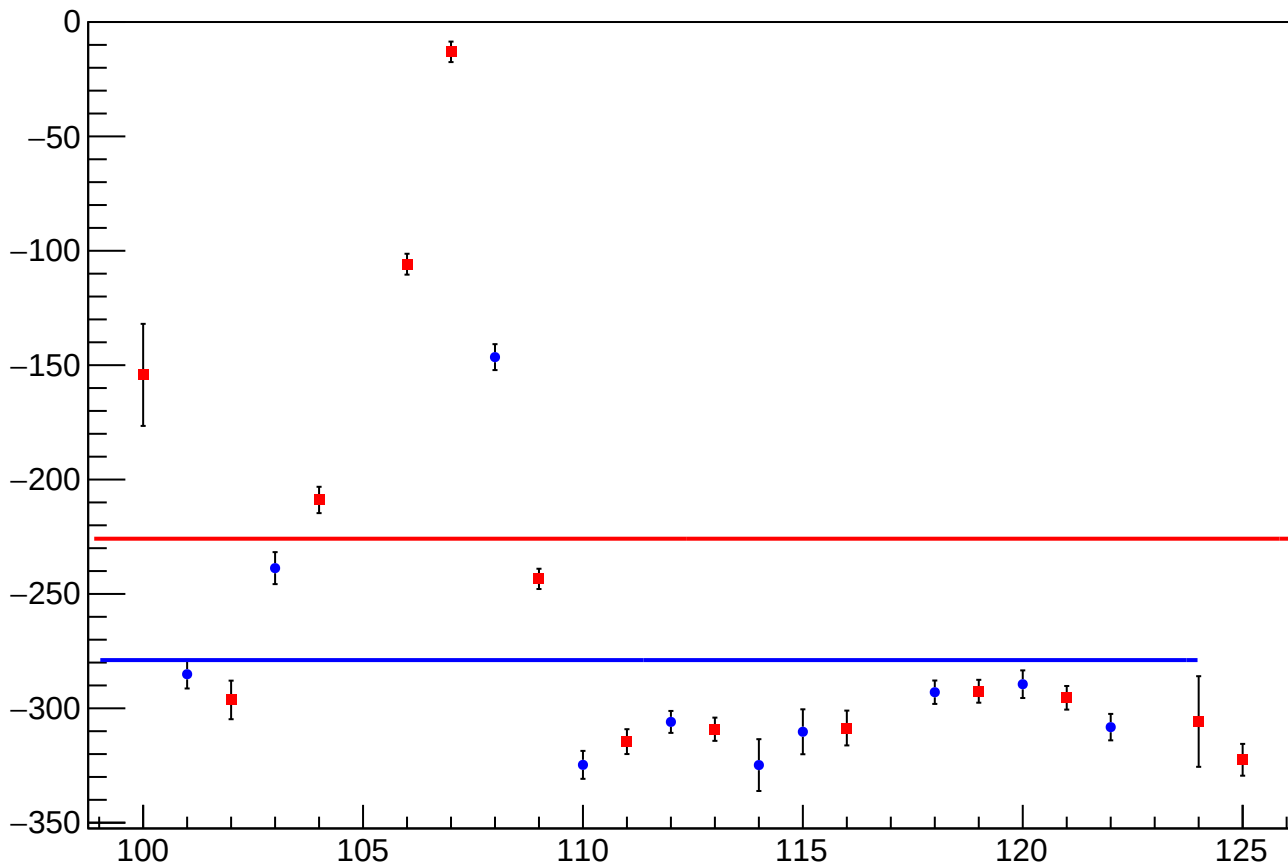
Right: 4.281+/-1.091 χ^2/NDF : 401.4/22

In: 5.245+/-1.684 χ^2/NDF :173.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4.281+/-1.091 χ^2/NDF : 401.4/22

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: -225.855+/-1.610 χ^2/NDF : 4278.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

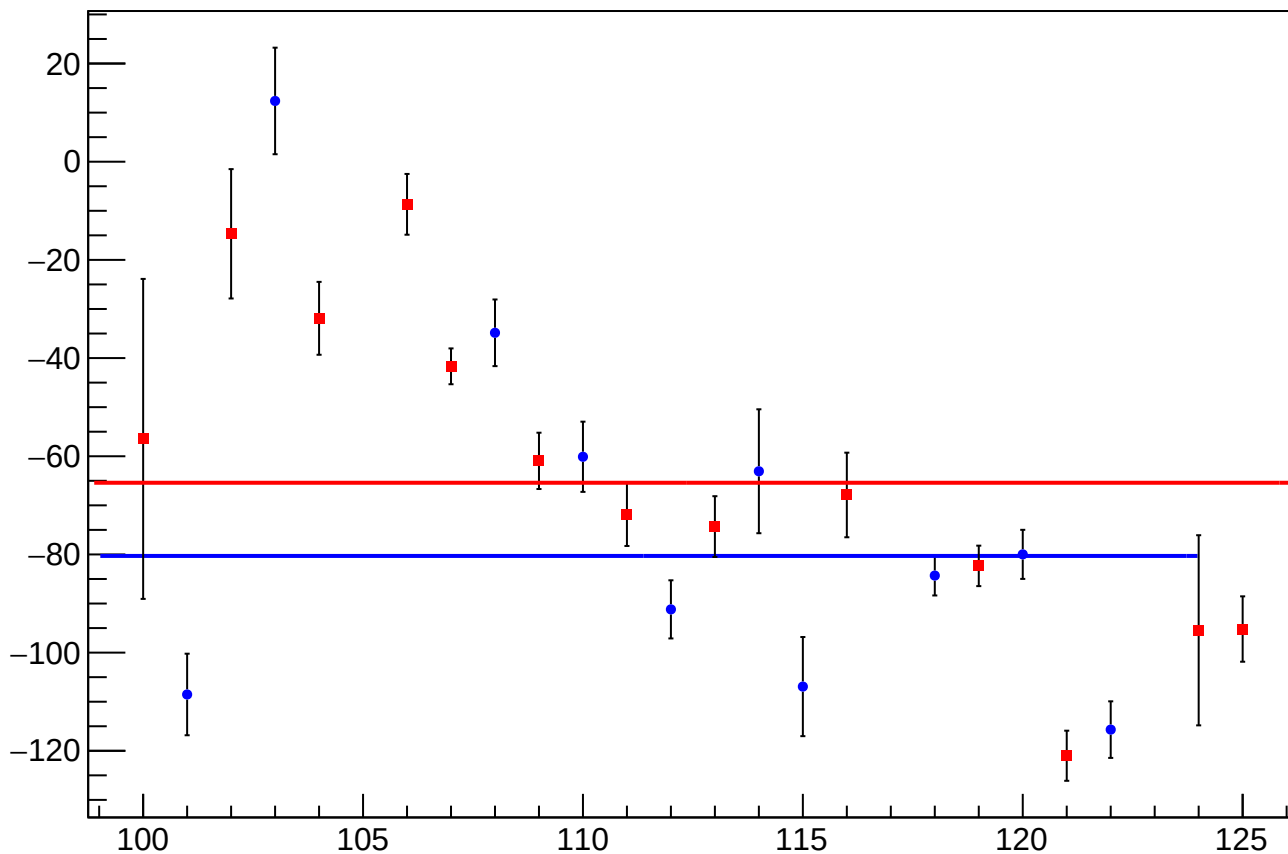
Right: -247.280+/-1.243 χ^2/NDF : 5447.7/22

In: -278.919+/-1.956 χ^2/NDF : 731.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -247.280+/-1.243 χ^2/NDF : 5447.7/22

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -80.304 ± 2.042 $\chi^2/\text{NDF}: 188.2/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -65.398 ± 1.708 $\chi^2/\text{NDF}: 323.2/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

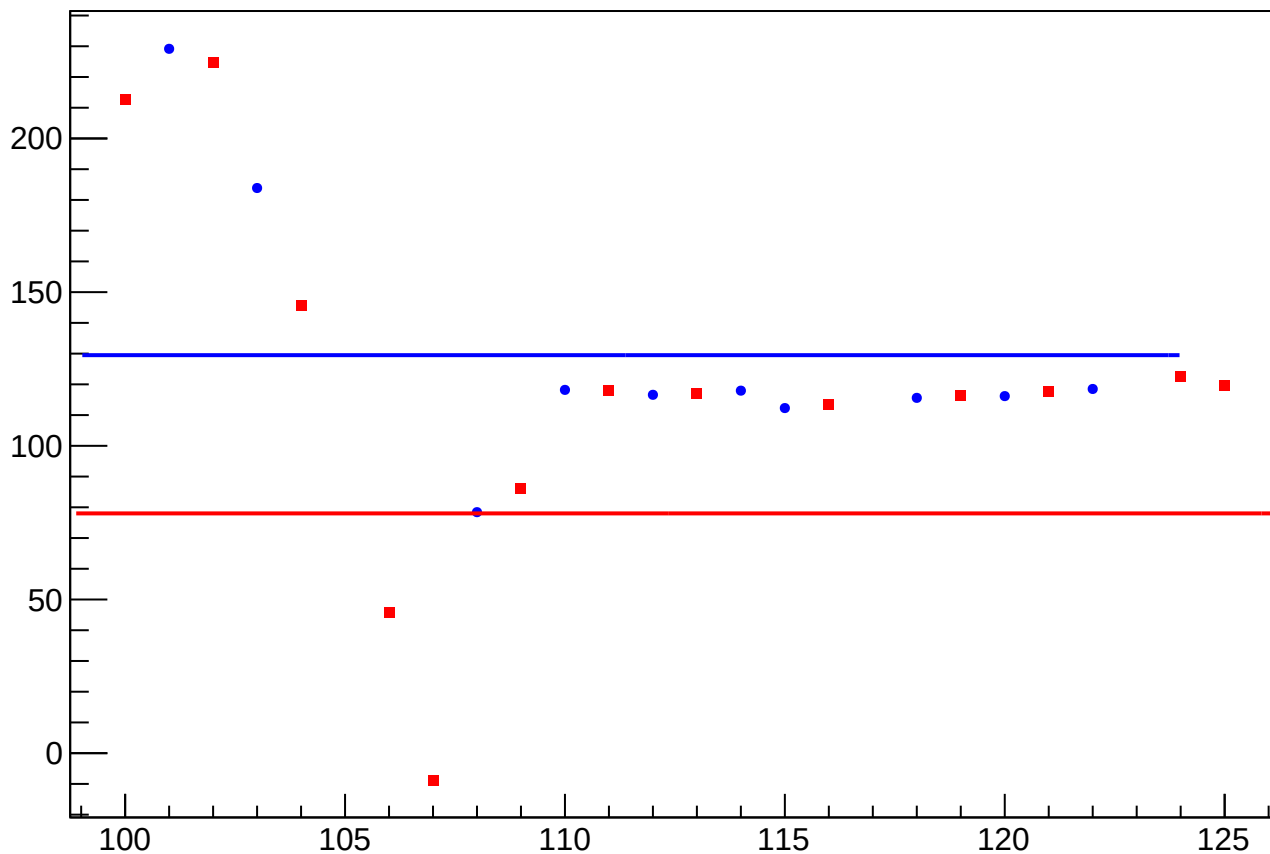
Right: -71.537 ± 1.310 $\chi^2/\text{NDF}: 542.7/22$

In: -80.304 ± 2.042 $\chi^2/\text{NDF}: 188.2/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -71.537 ± 1.310 $\chi^2/\text{NDF}: 542.7/22$

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: 78.013+/-0.094 χ^2/NDF : 526481.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

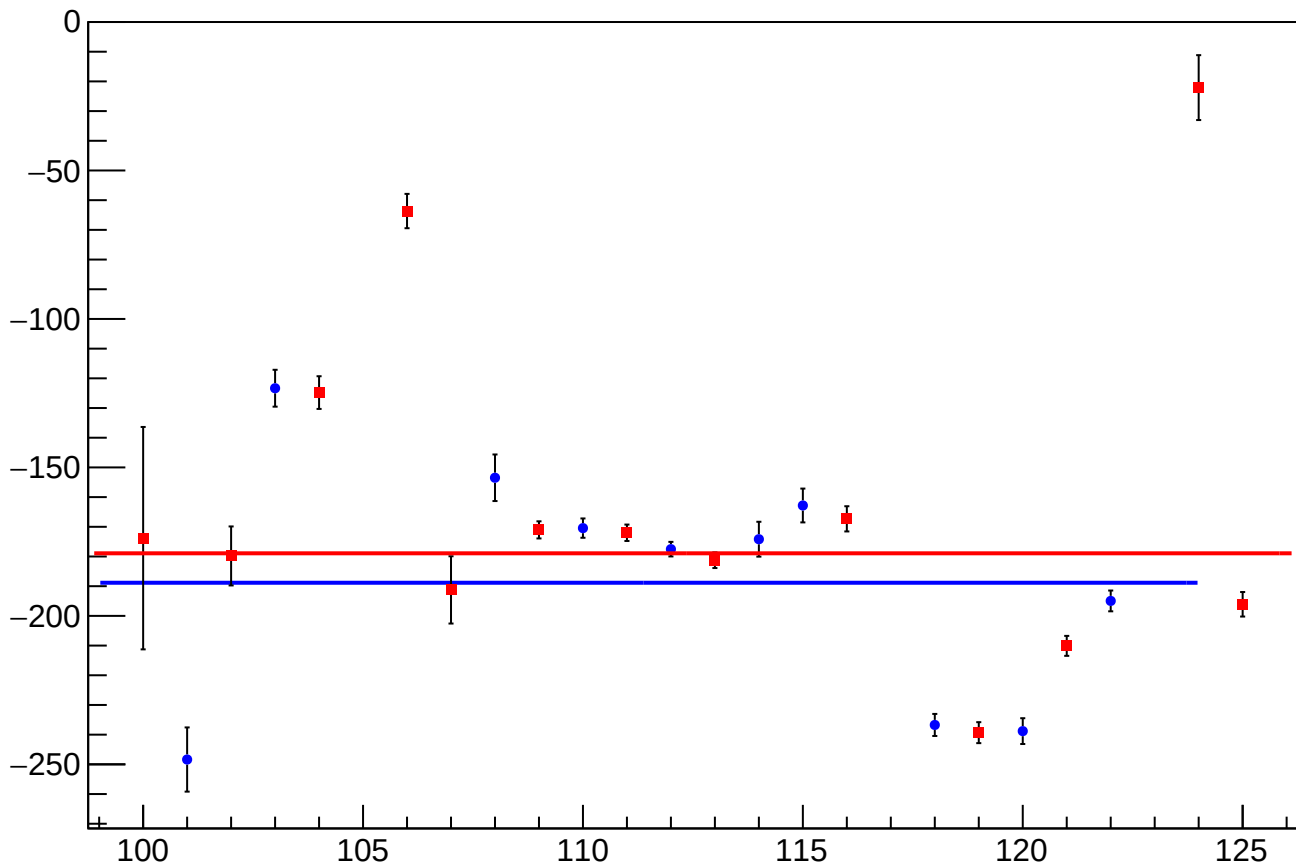
Right: 97.162+/-0.075 χ^2/NDF : 796418.6/22

In: 129.498+/-0.122 χ^2/NDF : 158400.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.162+/-0.075 χ^2/NDF : 796418.6/22

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: -178.925 ± 1.141 χ^2/NDF : 1119.5/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

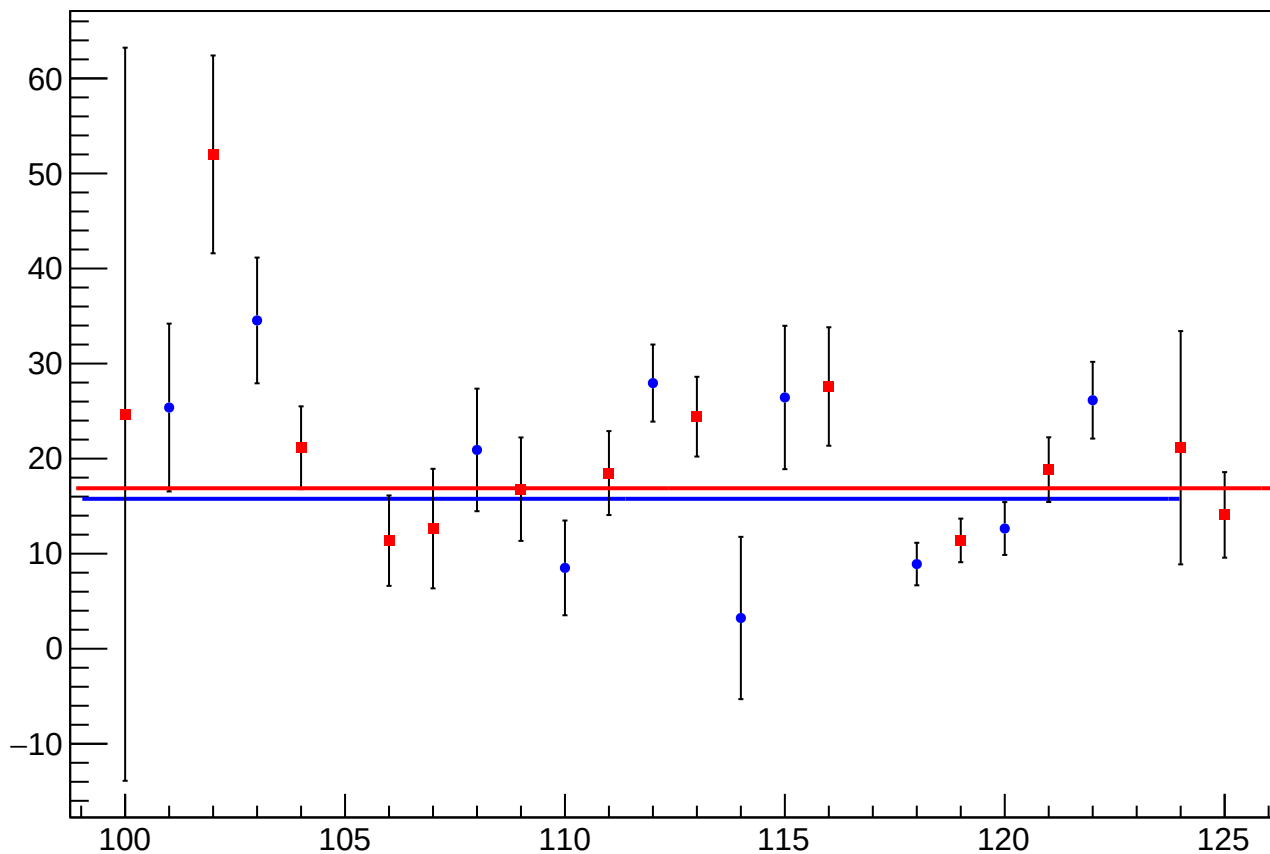
Right: -183.184 ± 0.861 χ^2/NDF : 1696.0/22

In: -188.840 ± 1.314 χ^2/NDF : 544.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -183.184 ± 0.861 χ^2/NDF : 1696.0/22

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: 16.882+/-1.257 χ^2/NDF : 27.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

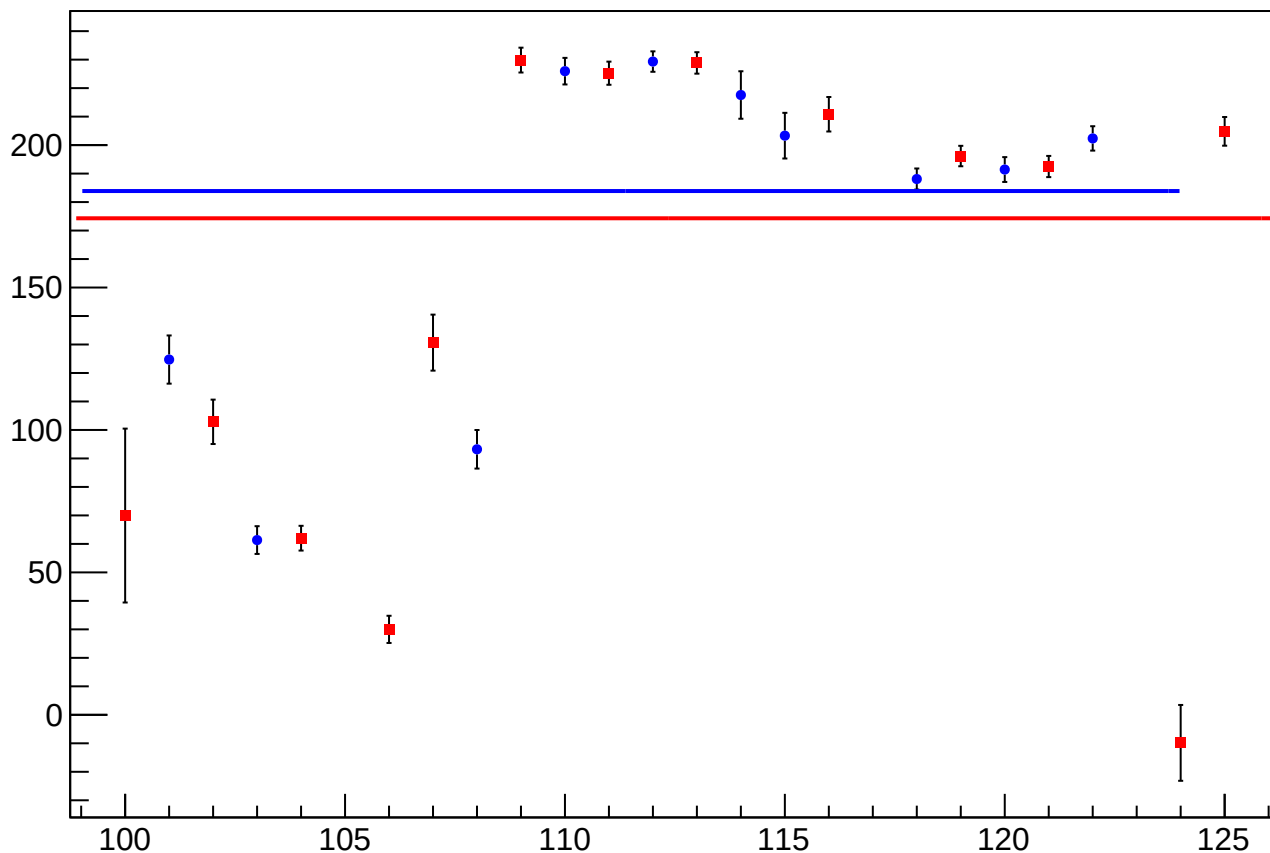
Right: 16.350+/-0.907 χ^2/NDF : 69.9/22

In: 15.772+/-1.310 χ^2/NDF : 42.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.350+/-0.907 χ^2/NDF : 69.9/22

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: 174.307+/-1.372 χ^2/NDF : 2552.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

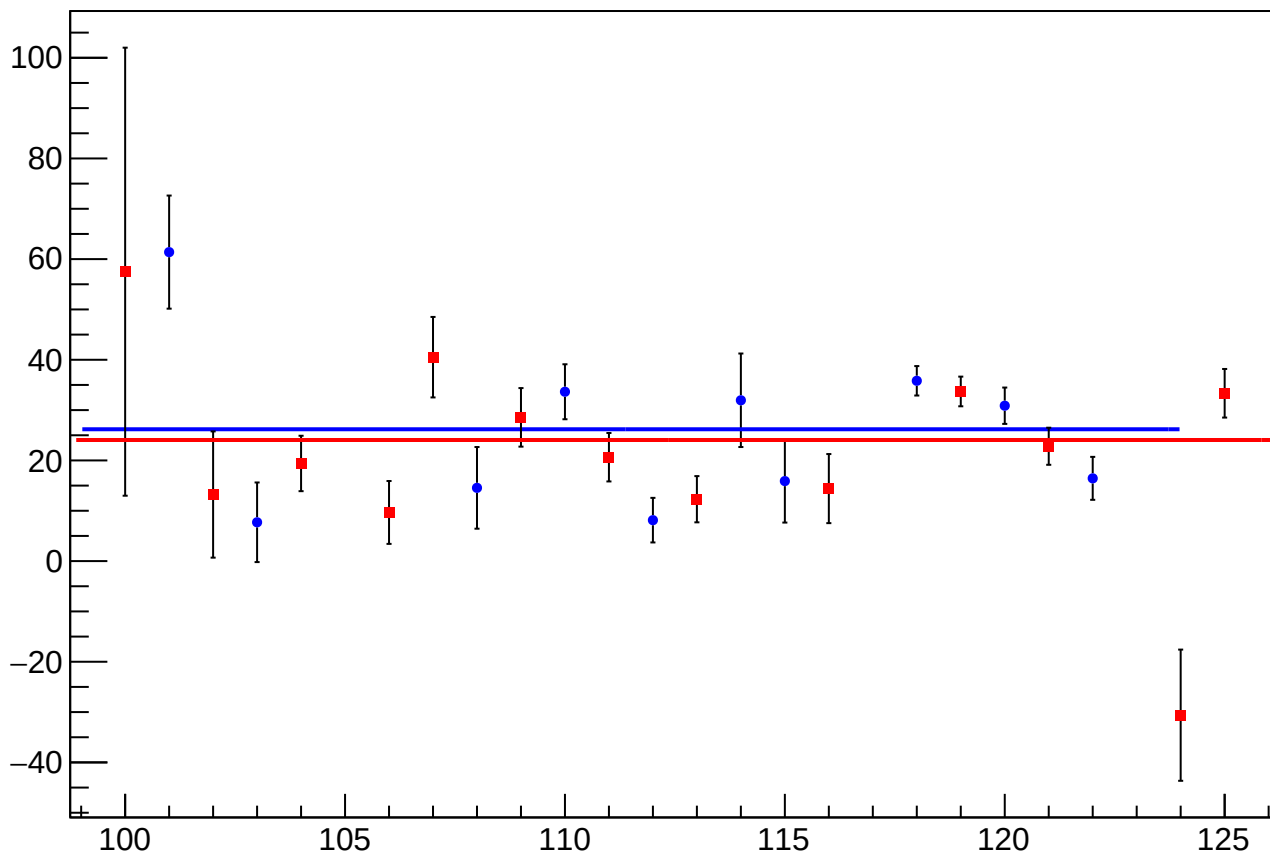
Right: 178.486+/-1.030 χ^2/NDF : 3722.0/22

In: 183.873+/-1.558 χ^2/NDF : 1148.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.486+/-1.030 χ^2/NDF : 3722.0/22

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: 24.060+/-1.474 χ^2/NDF : 53.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

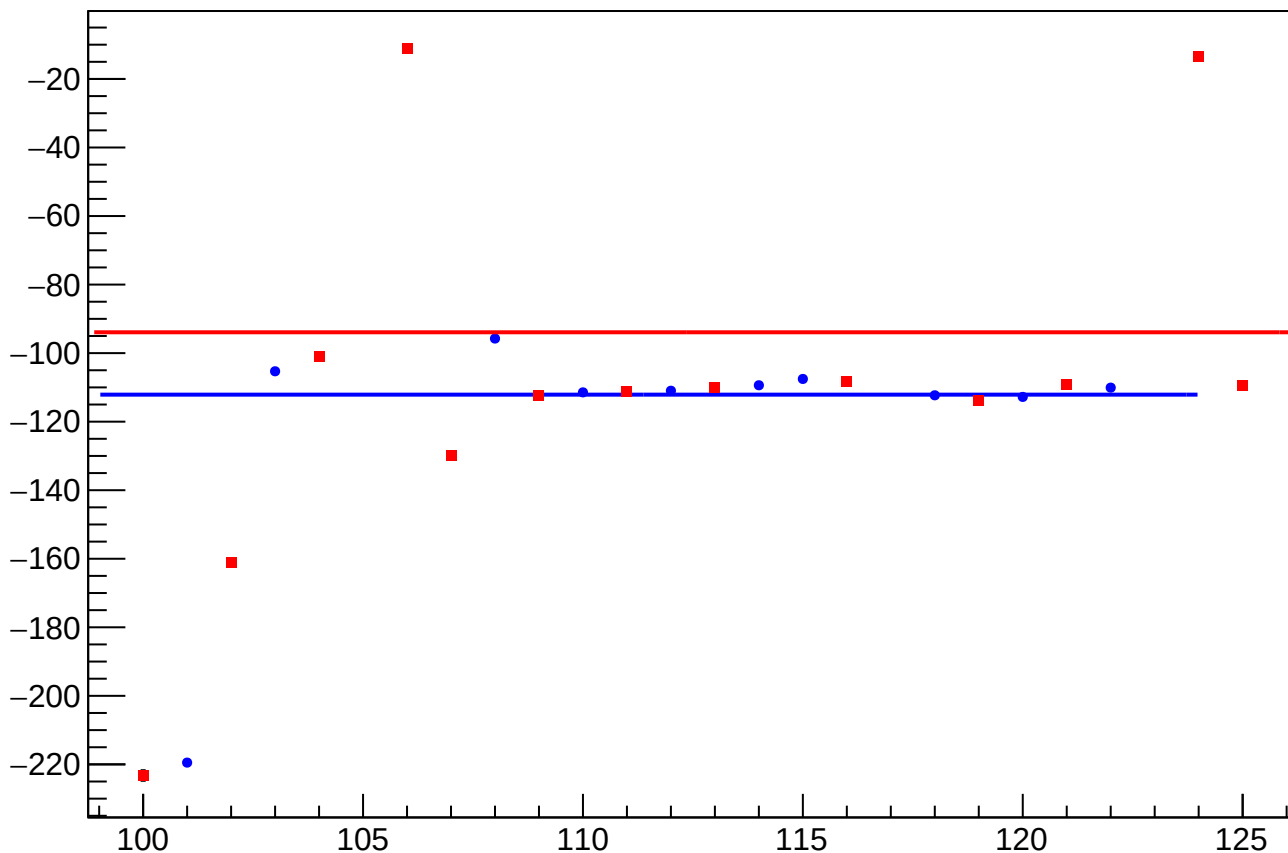
Right: 25.050+/-1.079 χ^2/NDF : 109.8/22

In: 26.193+/-1.584 χ^2/NDF : 55.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.050+/-1.079 χ^2/NDF : 109.8/22

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: -93.917 ± 0.088 χ^2/NDF : 254181.1/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

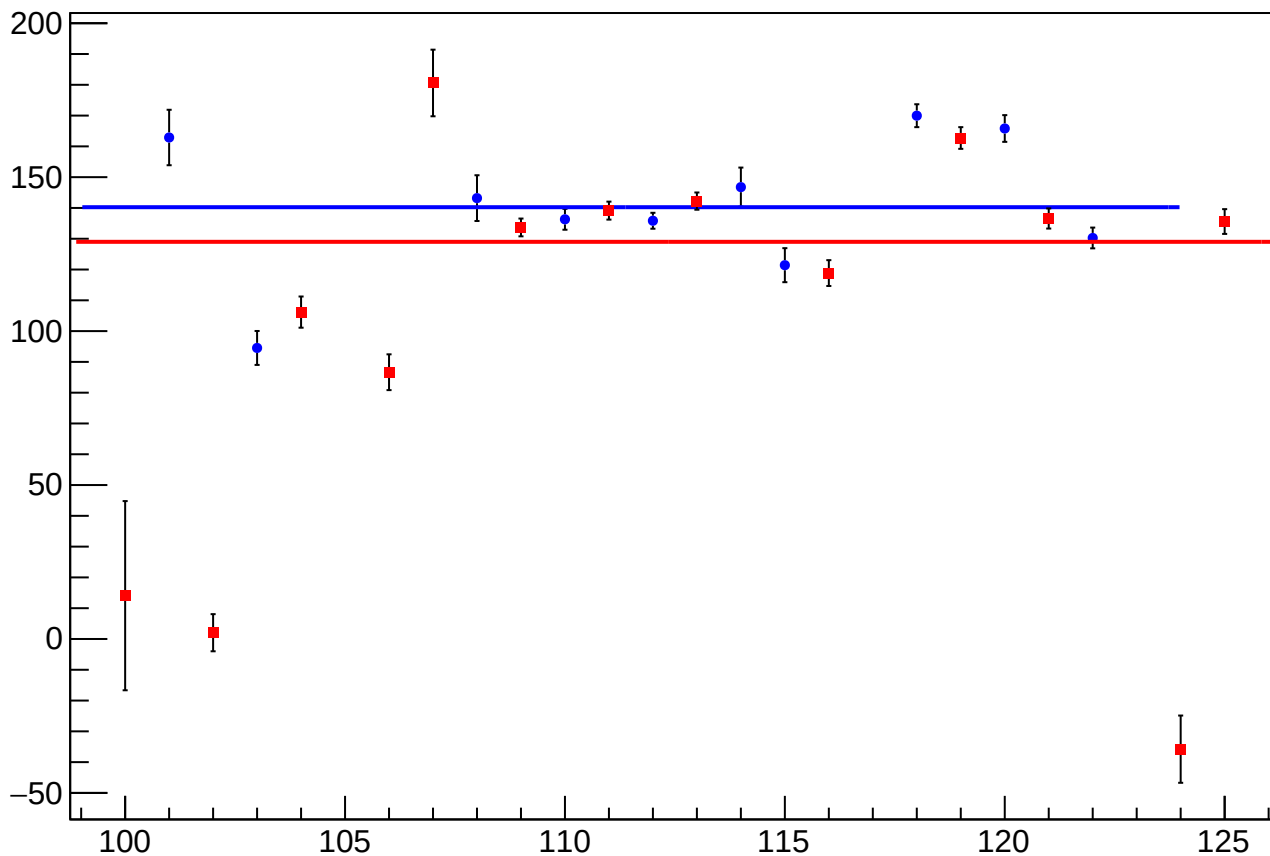
Right: -101.617 ± 0.067 χ^2/NDF : 322769.2/22

In: -112.116 ± 0.102 χ^2/NDF : 50377.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -101.617 ± 0.067 χ^2/NDF : 322769.2/22

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 140.245+/-1.323 χ^2/NDF : 199.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.999+/-1.138 χ^2/NDF : 923.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

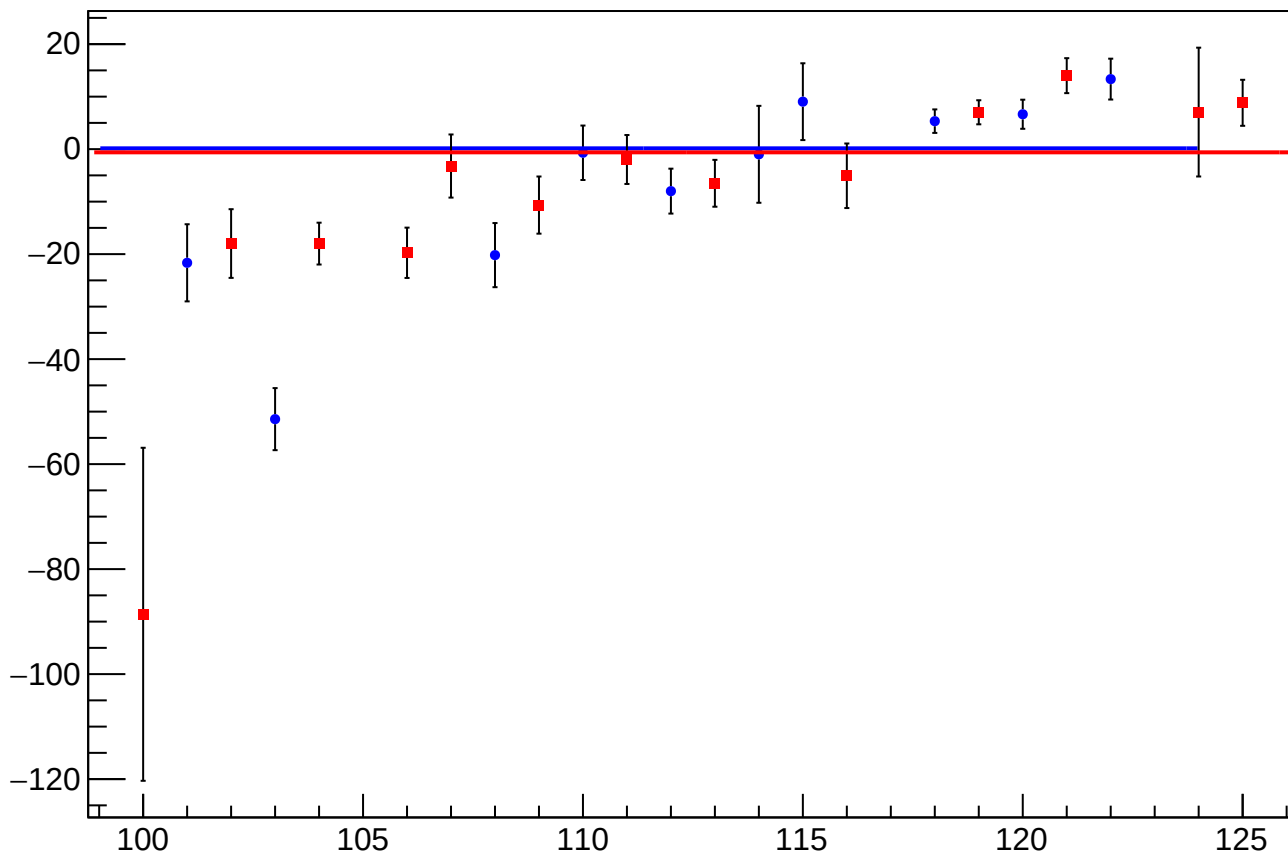
Right: 133.781+/-0.863 χ^2/NDF : 1164.4/22

In: 140.245+/-1.323 χ^2/NDF : 199.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.781+/-0.863 χ^2/NDF : 1164.4/22

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: -0.609+/-1.236 χ^2/NDF : 91.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

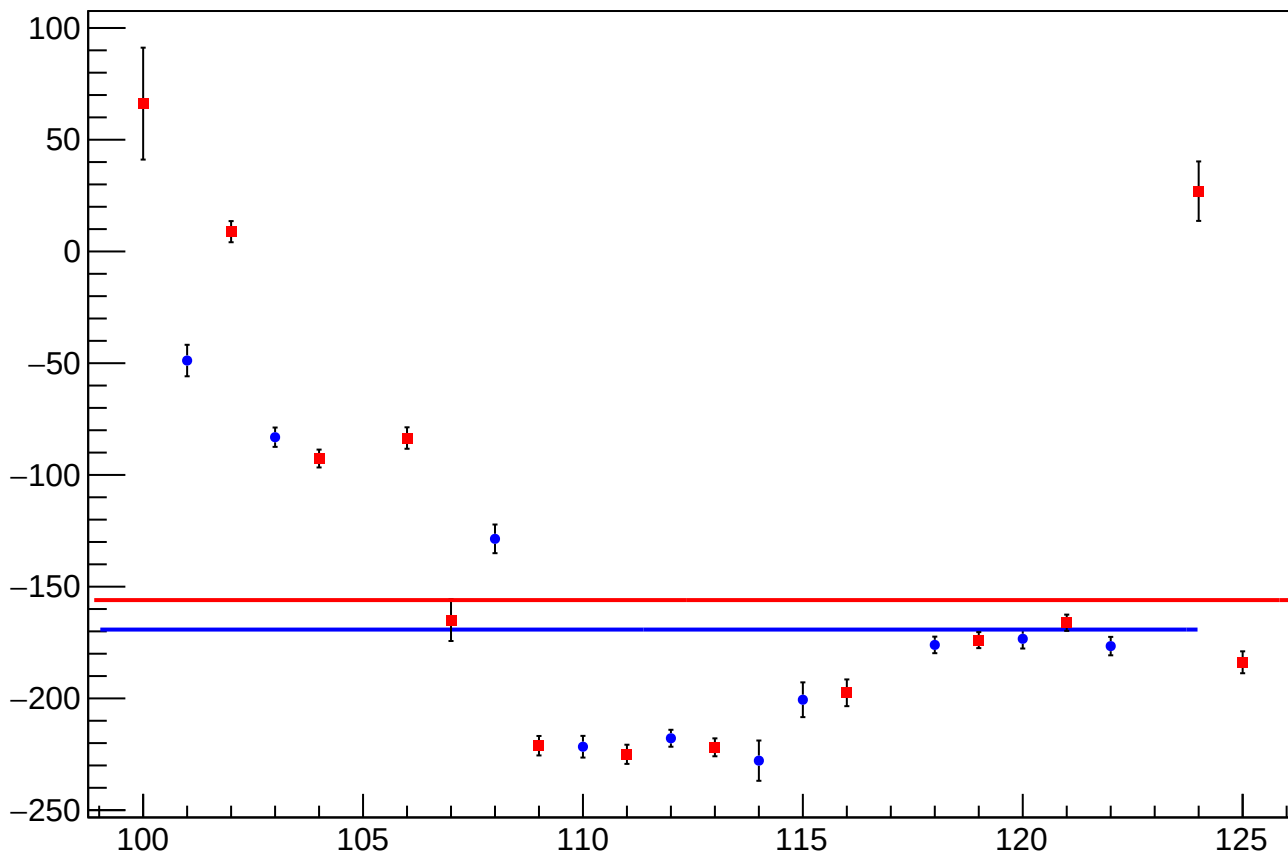
Right: -0.247+/-0.896 χ^2/NDF : 214.7/22

In: 0.152+/-1.300 χ^2/NDF :123.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.247+/-0.896 χ^2/NDF : 214.7/22

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: -156.005+/-1.334 χ^2/NDF : 2828.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

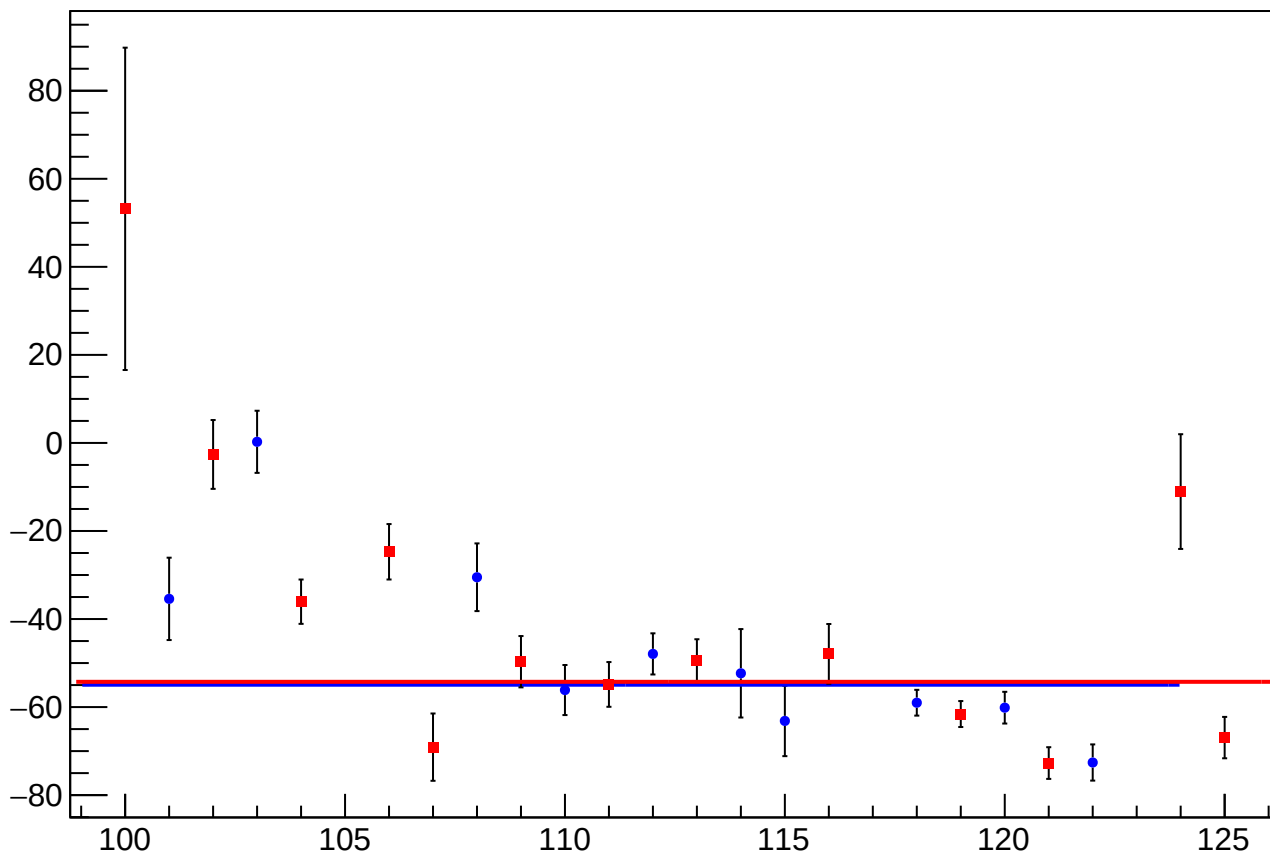
Right: -161.676+/-1.008 χ^2/NDF : 3946.7/22

In: -169.197+/-1.537 χ^2/NDF : 1075.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -161.676+/-1.008 χ^2/NDF : 3946.7/22

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: -54.262+/-1.452 χ^2/NDF : 144.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

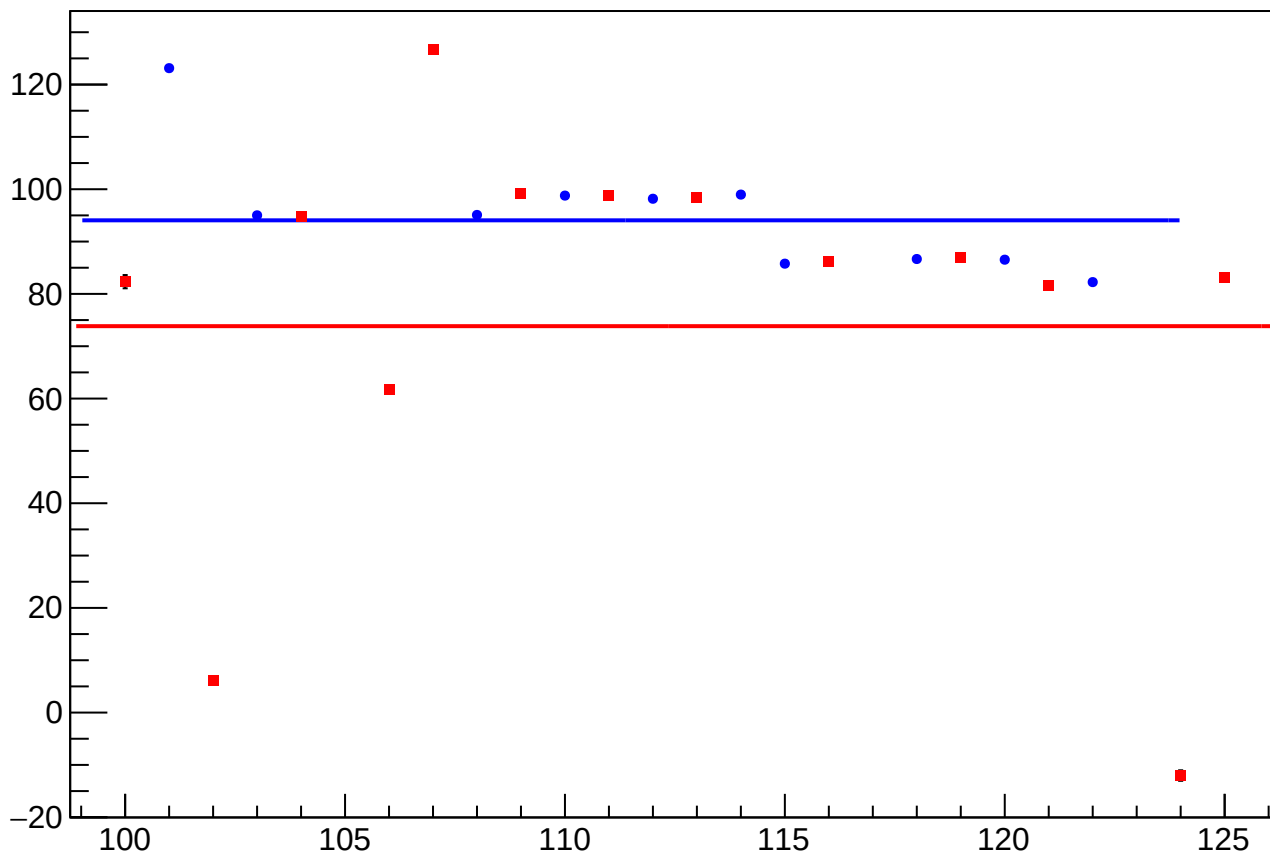
Right: -54.564+/-1.067 χ^2/NDF : 245.9/22

In: -54.919+/-1.574 χ^2/NDF : 101.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -54.564+/-1.067 χ^2/NDF : 245.9/22

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: 73.834+/-0.082 χ^2/NDF : 176604.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

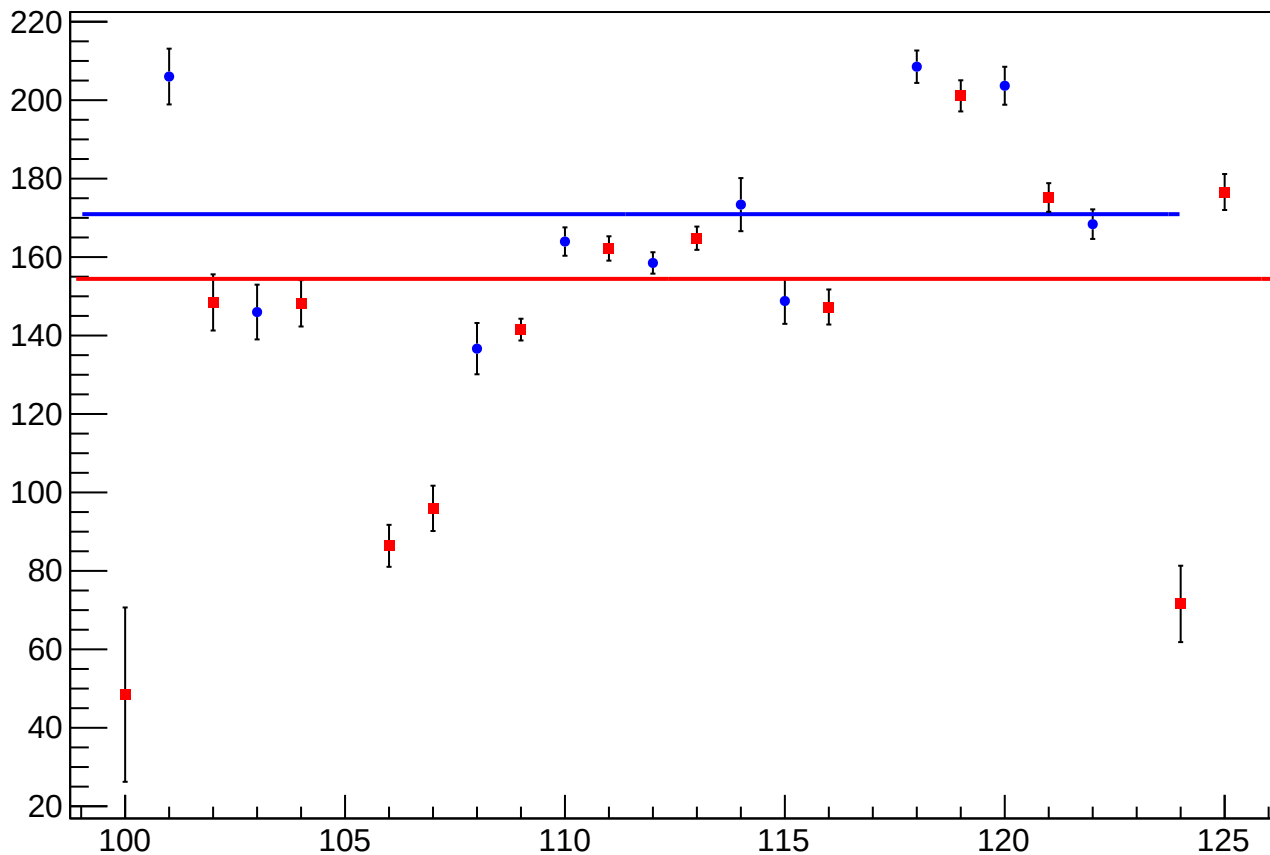
Right: 82.136+/-0.063 χ^2/NDF : 209666.7/22

In: 94.057+/-0.098 χ^2/NDF : 8027.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.136+/-0.063 χ^2/NDF : 209666.7/22

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: 154.443+/-1.187 χ^2/NDF : 598.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

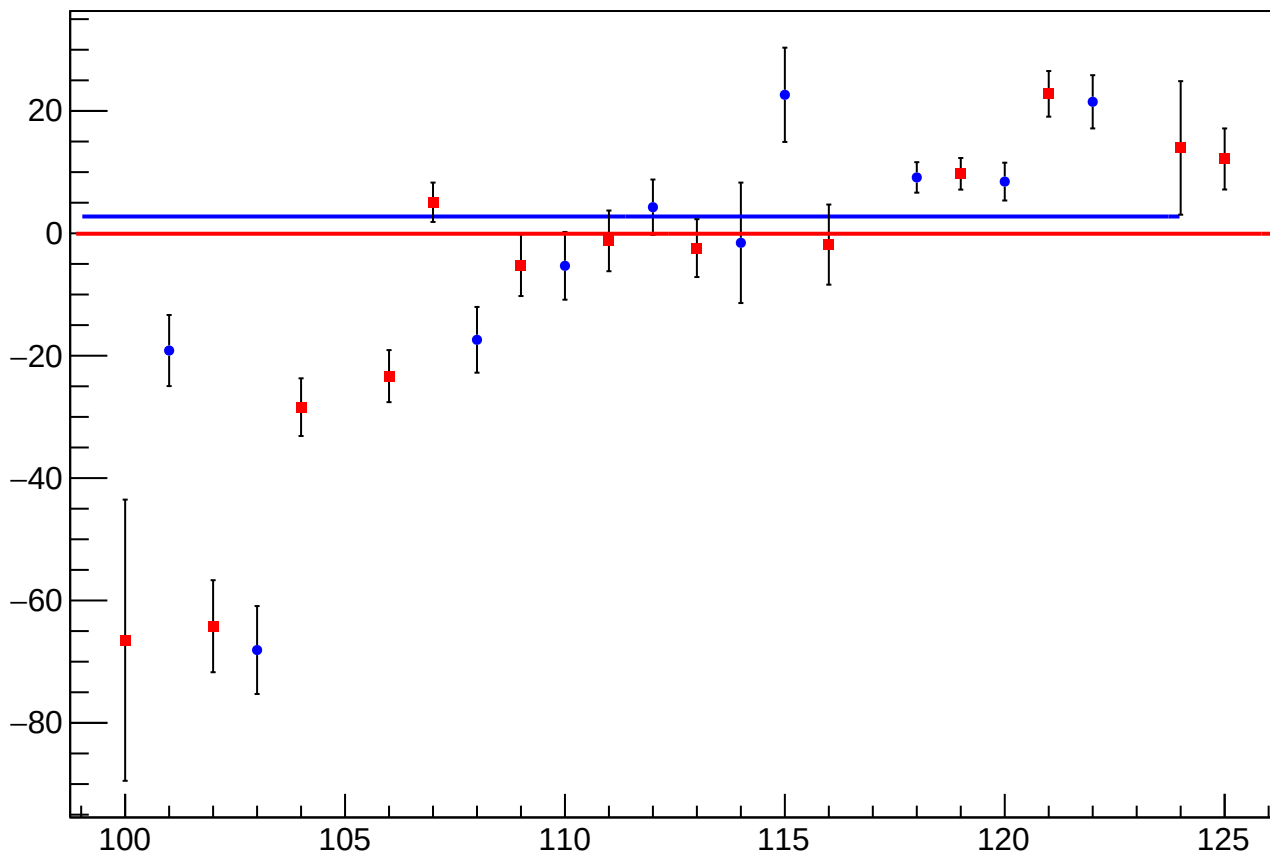
Right: 161.240+/-0.910 χ^2/NDF : 910.2/22

In: 170.939+/-1.418 χ^2/NDF : 232.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.240+/-0.910 χ^2/NDF : 910.2/22

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.750+/-1.399 χ^2/NDF : 163.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.067+/-1.255 χ^2/NDF : 210.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

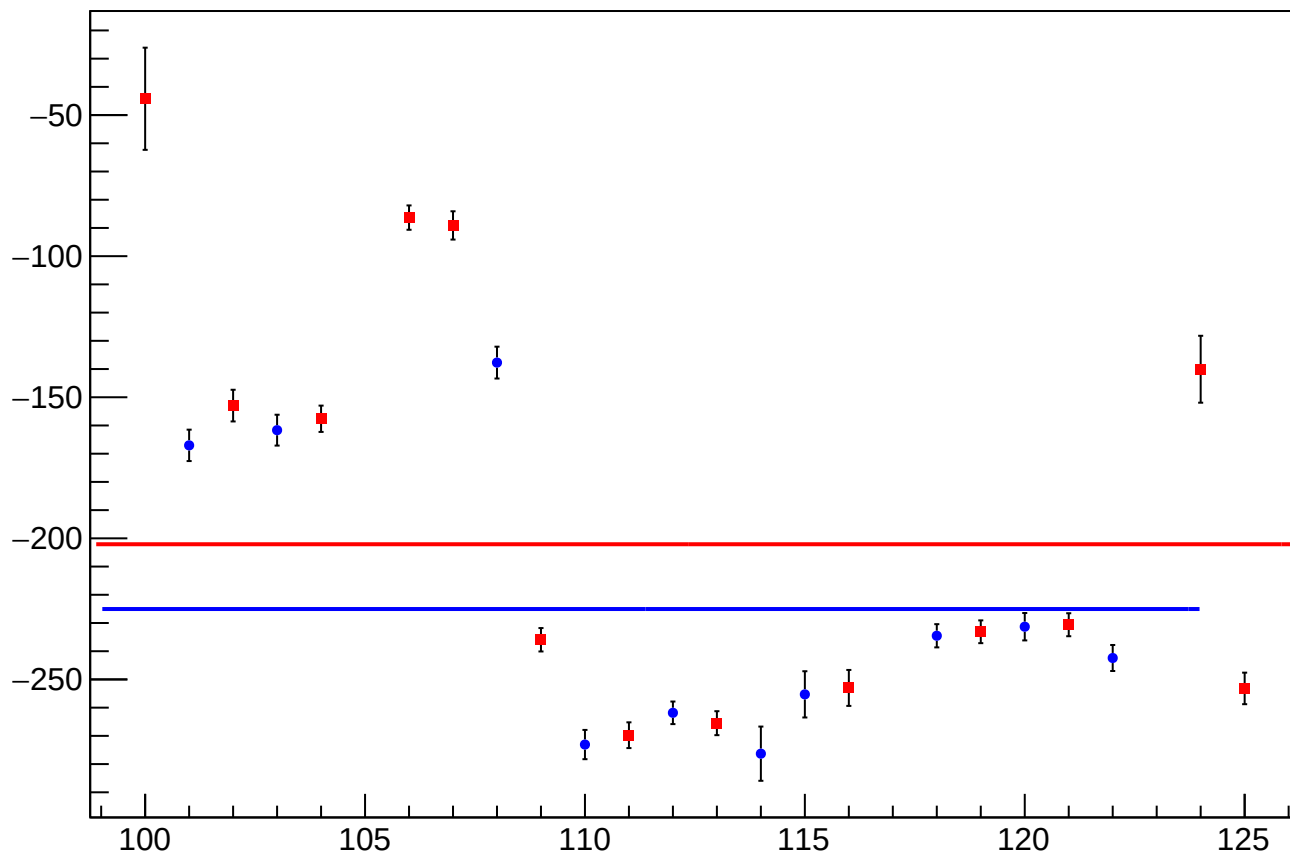
Right: 1.190+/-0.934 χ^2/NDF : 376.1/22

In: 2.750+/-1.399 χ^2/NDF : 163.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.190+/-0.934 χ^2/NDF : 376.1/22

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: -202.091+/-1.385 χ^2/NDF : 2264.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

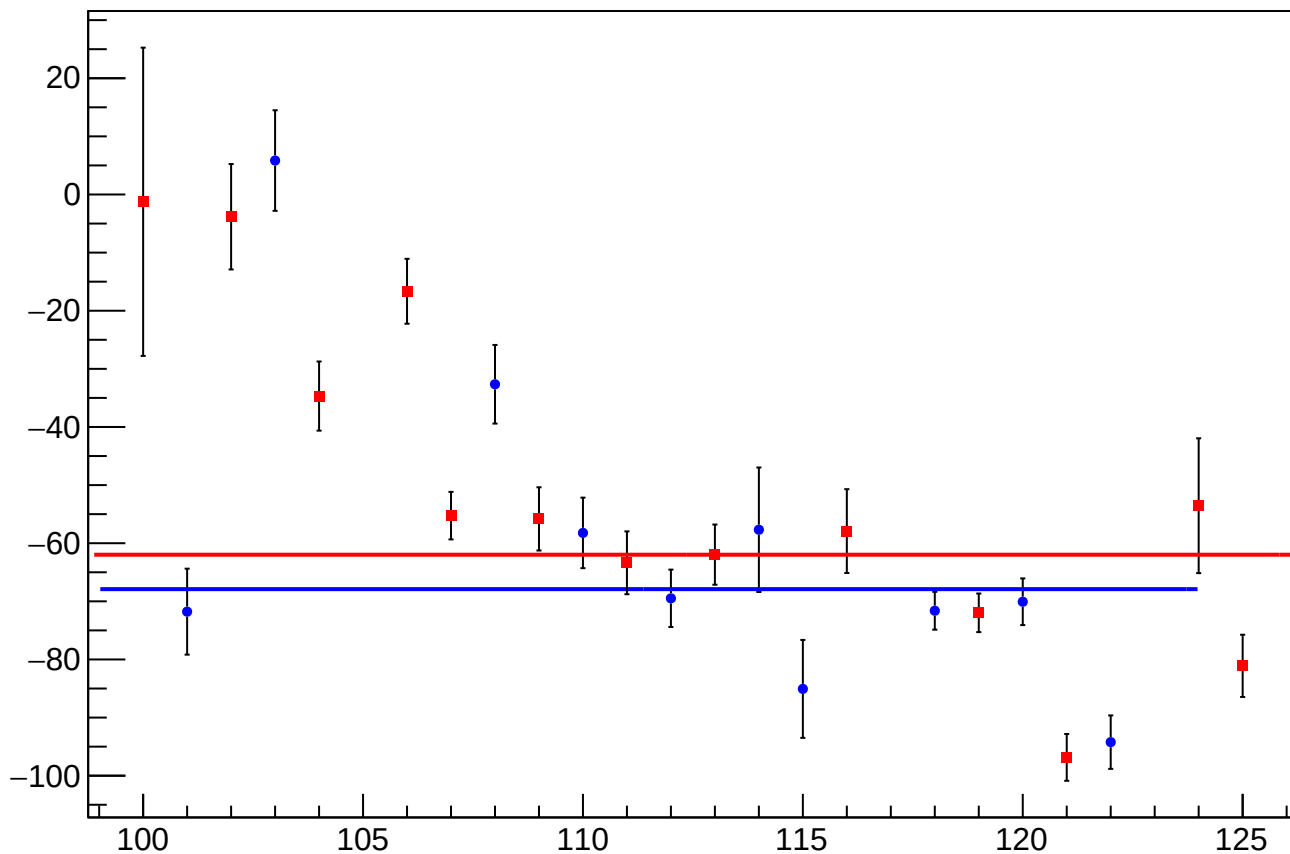
Right: -211.639+/-1.059 χ^2/NDF : 3094.7/22

In: -225.048+/-1.641 χ^2/NDF : 716.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -211.639+/-1.059 χ^2/NDF : 3094.7/22

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -67.902 ± 1.695 χ^2/NDF : 142.2/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -61.978 ± 1.486 χ^2/NDF : 234.9/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

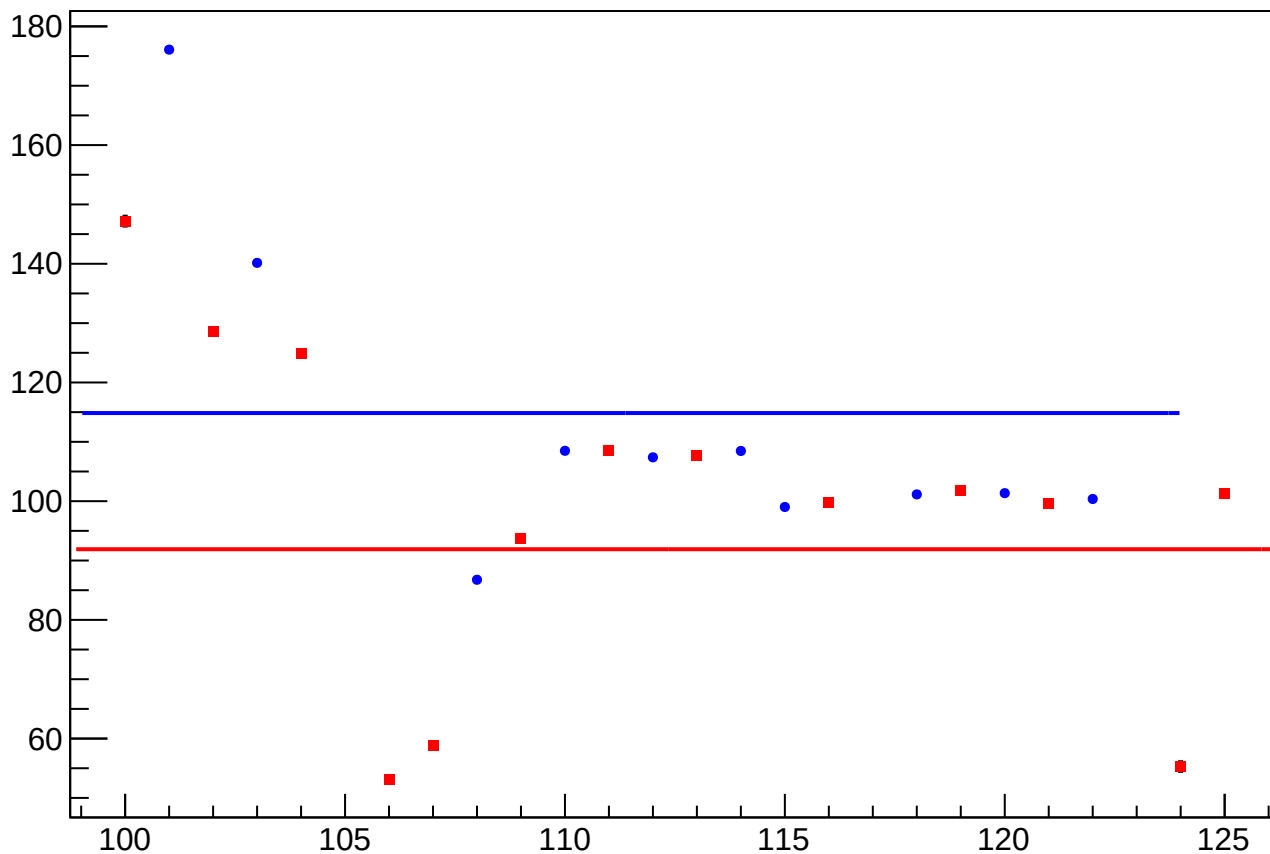
Right: -64.552 ± 1.118 χ^2/NDF : 384.0/22

In: -67.902 ± 1.695 χ^2/NDF : 142.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -64.552 ± 1.118 χ^2/NDF : 384.0/22

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: 91.906+/-0.083 χ^2/NDF : 122432.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

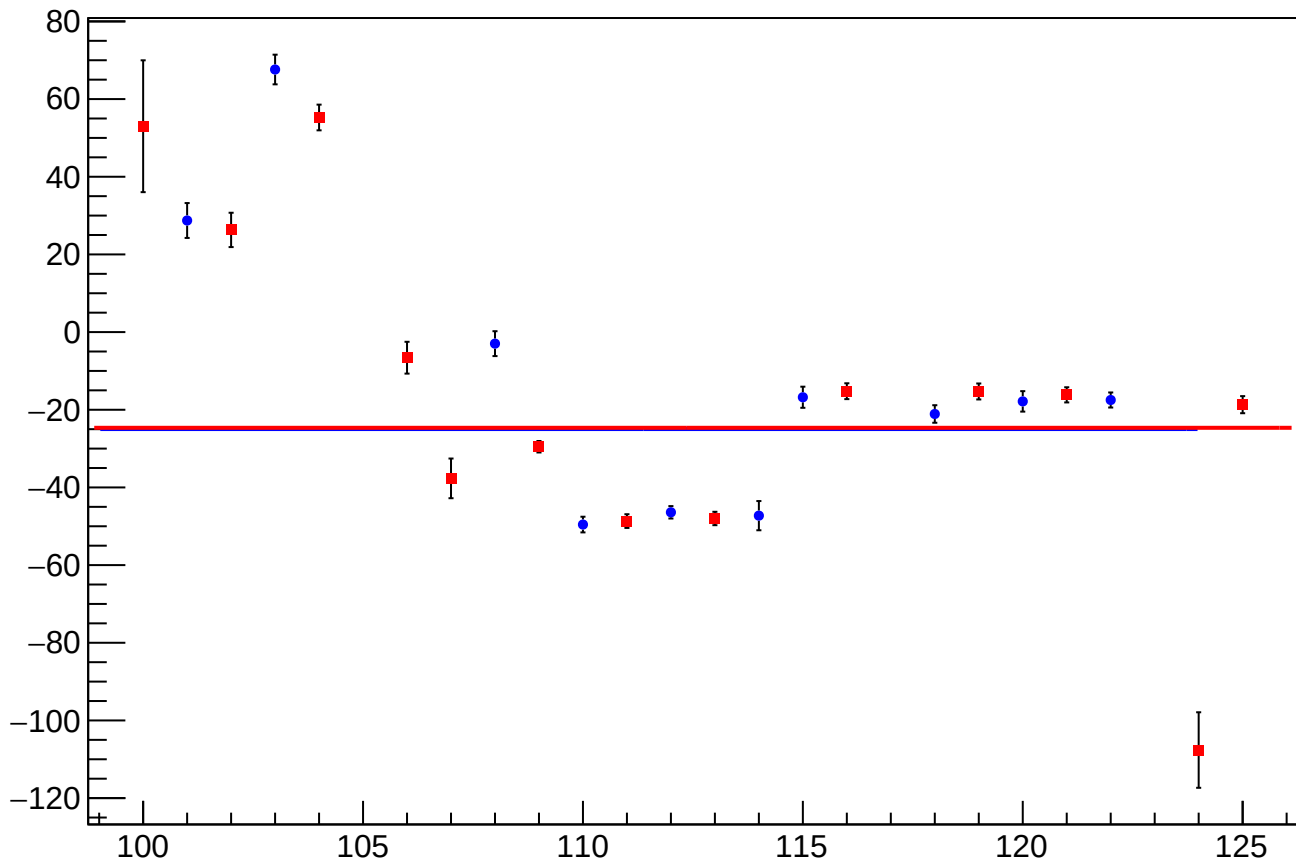
Right: 100.712+/-0.065 χ^2/NDF : 219075.1/22

In: 114.850+/-0.105 χ^2/NDF : 67102.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.712+/-0.065 χ^2/NDF : 219075.1/22

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: -24.645 $\pm$ 0.657 χ^2 /NDF: 1283.9/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

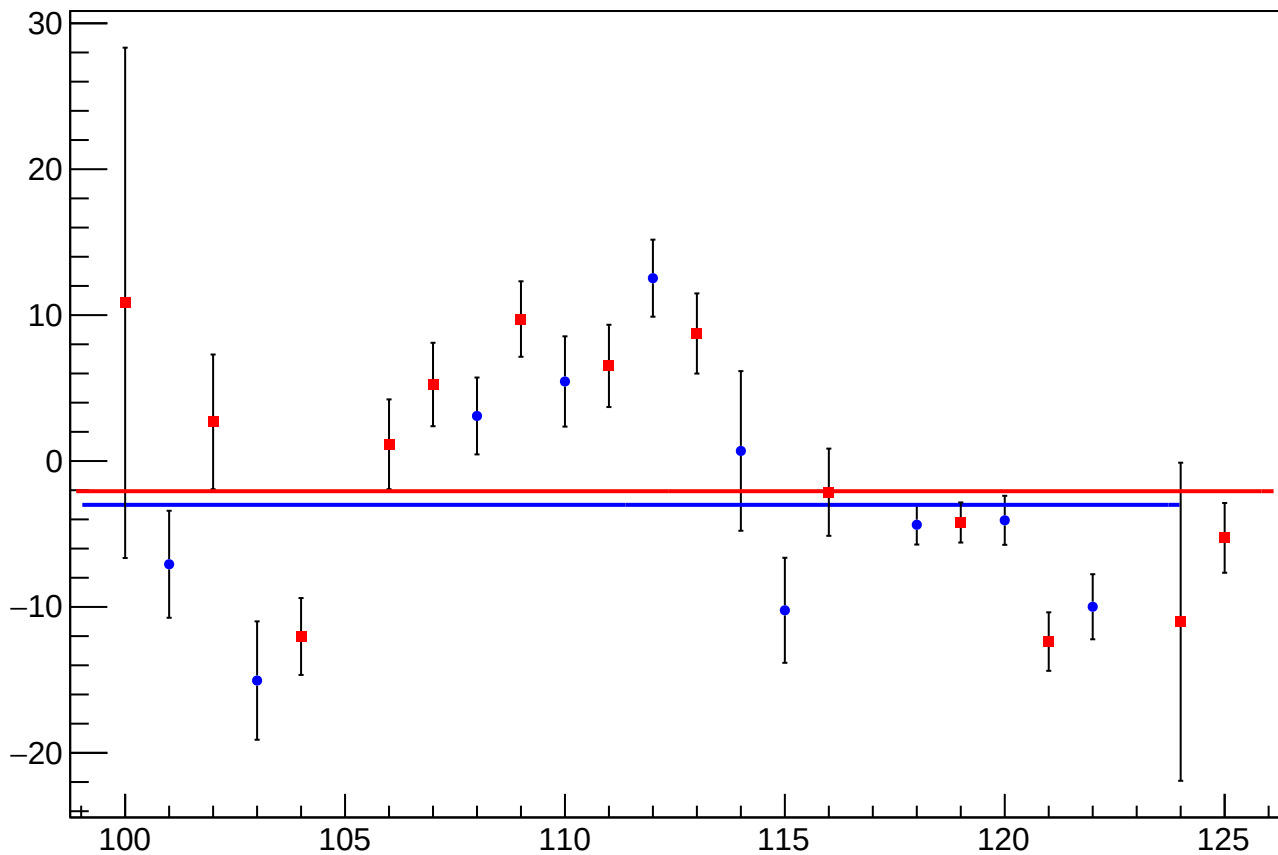
Right: -24.779 $\pm$ 0.501 χ^2 /NDF: 2459.9/22

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: -24.779 $\pm$ 0.501 χ^2 /NDF: 2459.9/22

reg_asym_atl_dd_atr_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: -2.068+/-0.725 χ^2/NDF : 100.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

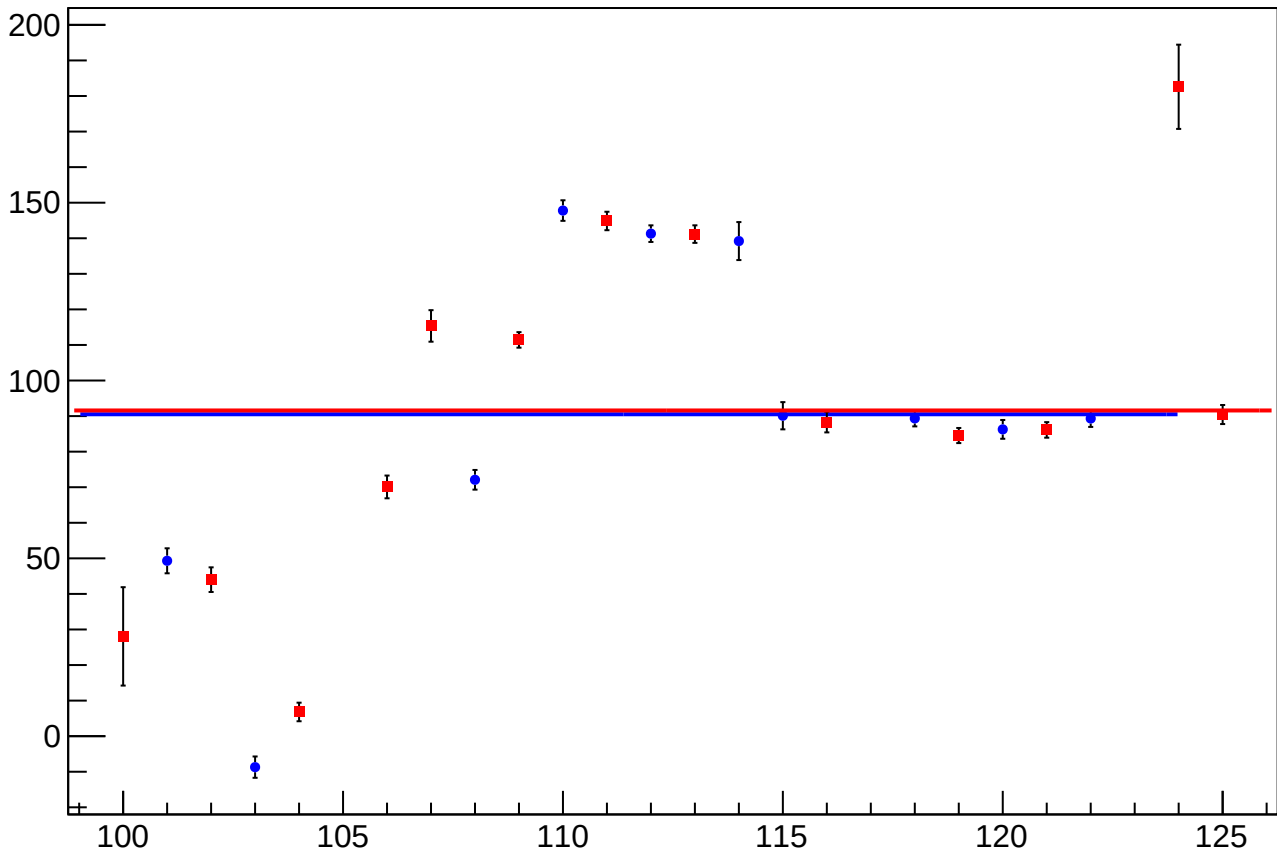
Right: -2.514+/-0.524 χ^2/NDF : 174.4/22

In: -3.003+/-0.759 χ^2/NDF : 73.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.514+/-0.524 χ^2/NDF : 174.4/22

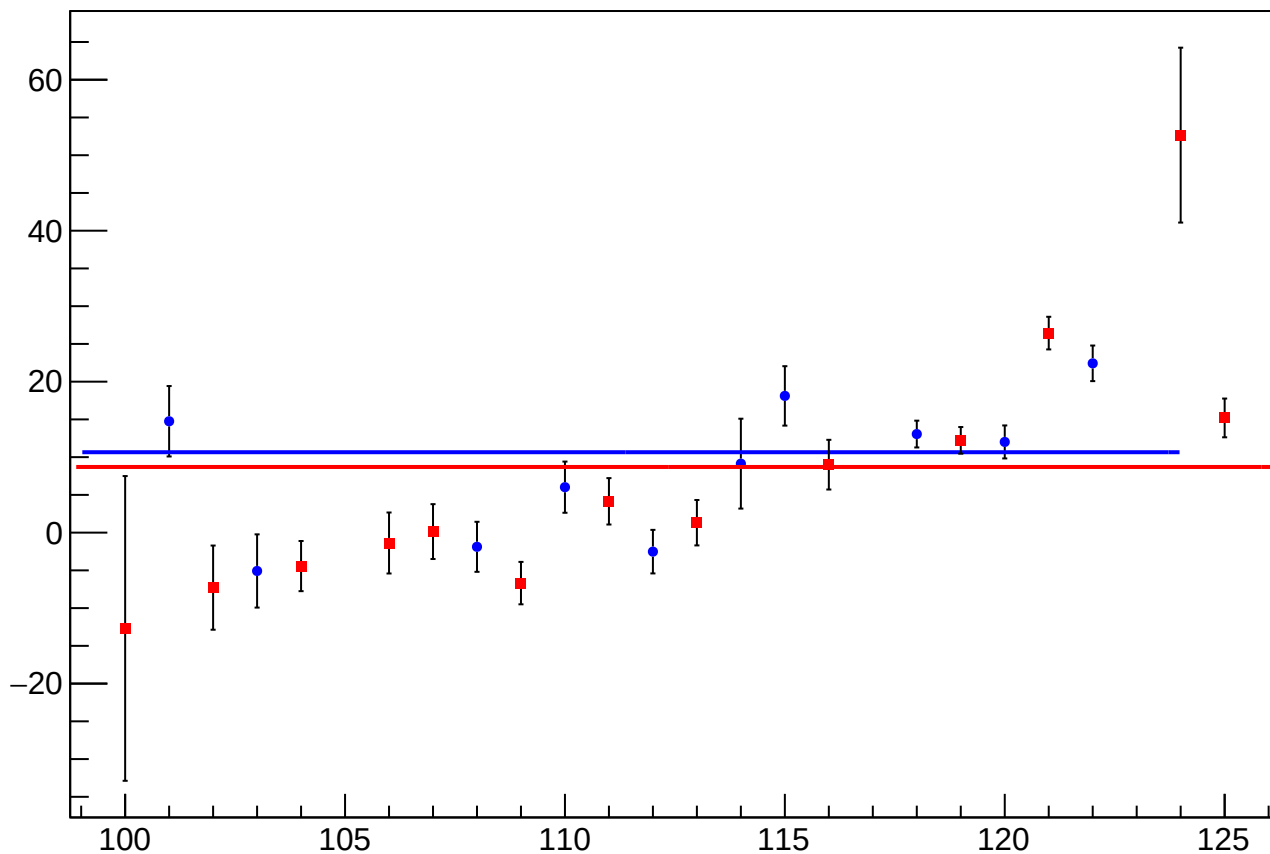
reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 91.581+/-0.790 χ^2/NDF : 2324.7/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 91.113+/-0.592 χ^2/NDF : 4555.0/22
 In: 90.513+/-0.895 χ^2/NDF : 2229.5/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 91.113+/-0.592 χ^2/NDF : 4555.0/22

reg_asym_atl_dd_atr_dd_dd_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: 8.699+/-0.848 χ^2/NDF : 167.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

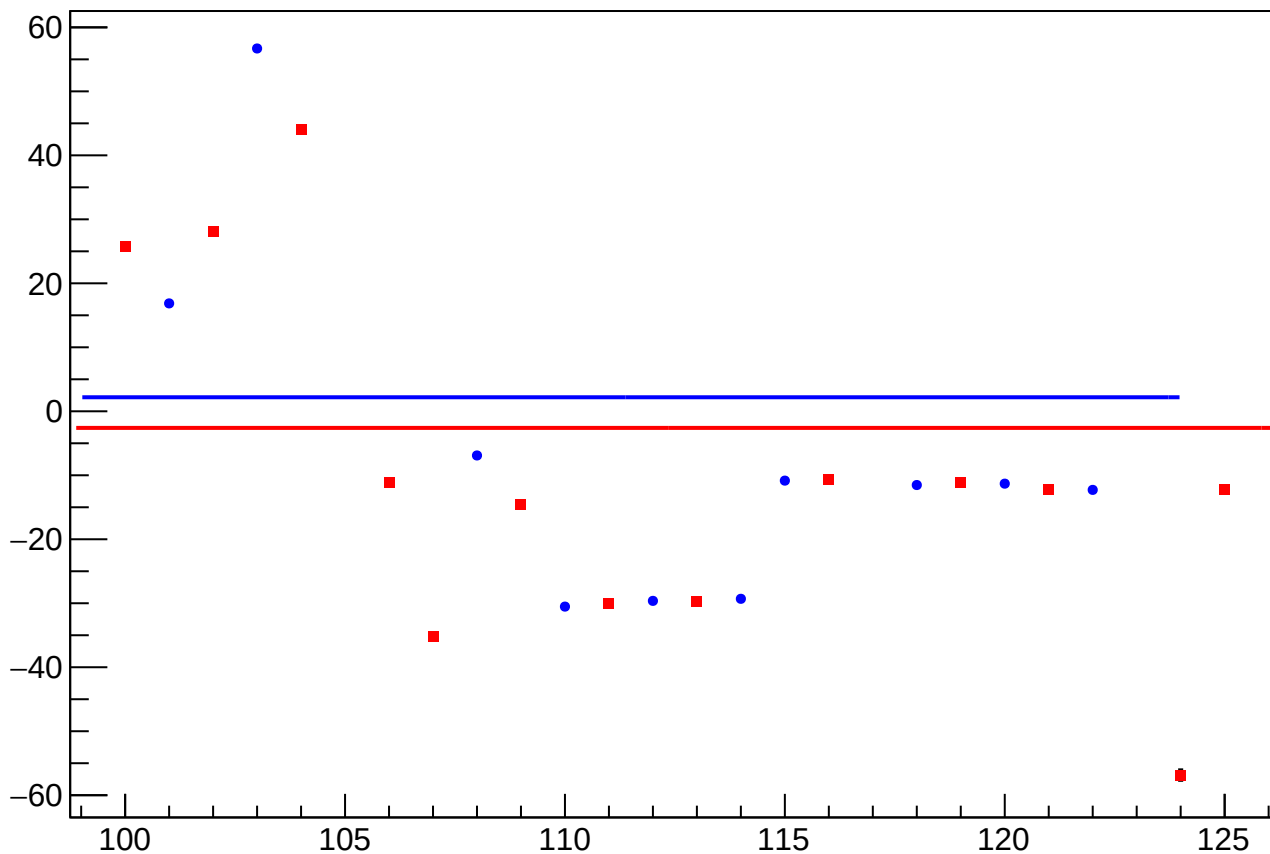
Right: 9.597+/-0.623 χ^2/NDF : 248.6/22

In: 10.652+/-0.918 χ^2/NDF : 79.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.597+/-0.623 χ^2/NDF : 248.6/22

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 2.192+/-0.056 χ^2/NDF : 272745.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.595+/-0.051 χ^2/NDF : 273442.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

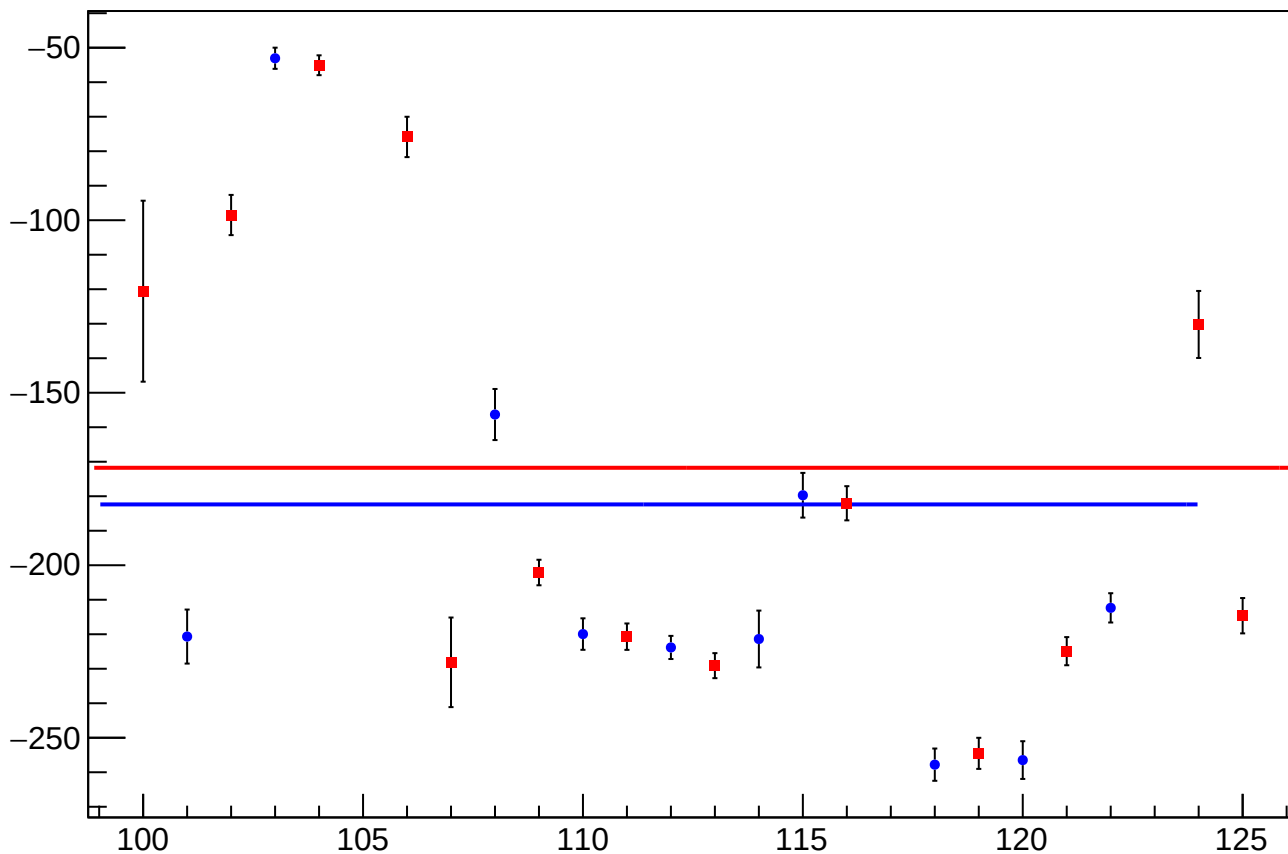
Right: -0.439+/-0.038 χ^2/NDF : 550171.1/22

In: 2.192+/-0.056 χ^2/NDF : 272745.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.439+/-0.038 χ^2/NDF : 550171.1/22

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: -171.751+/-1.287 χ^2/NDF : 3176.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

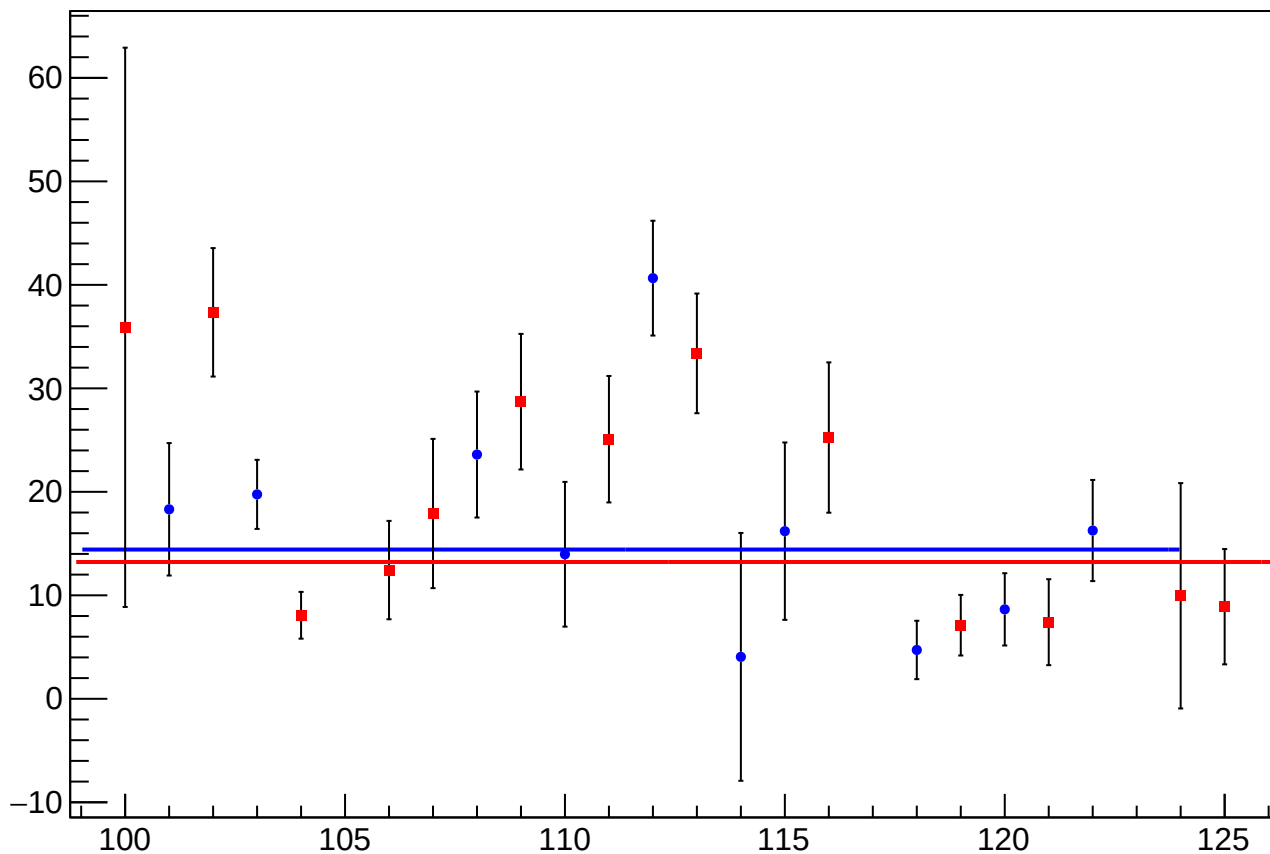
Right: -176.294+/-0.974 χ^2/NDF : 5756.7/22

In: -182.371+/-1.489 χ^2/NDF :2550.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -176.294+/-0.974 χ^2/NDF : 5756.7/22

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: 13.219+/-1.290 χ^2/NDF : 52.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

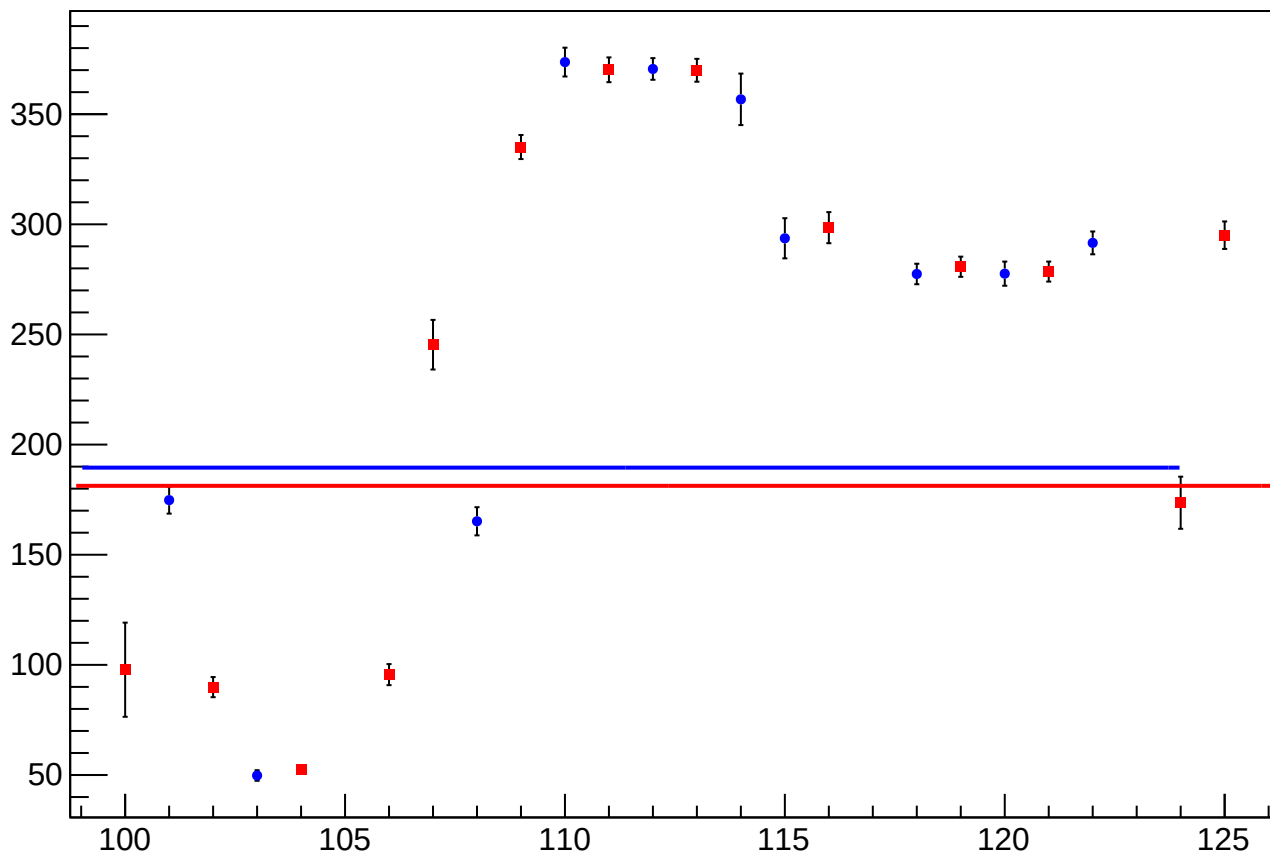
Right: 13.744+/-0.969 χ^2/NDF : 96.2/22

In: 14.423+/-1.468 χ^2/NDF :43.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 13.744+/-0.969 χ^2/NDF : 96.2/22

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: 181.280+/-1.352 χ^2/NDF : 8768.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

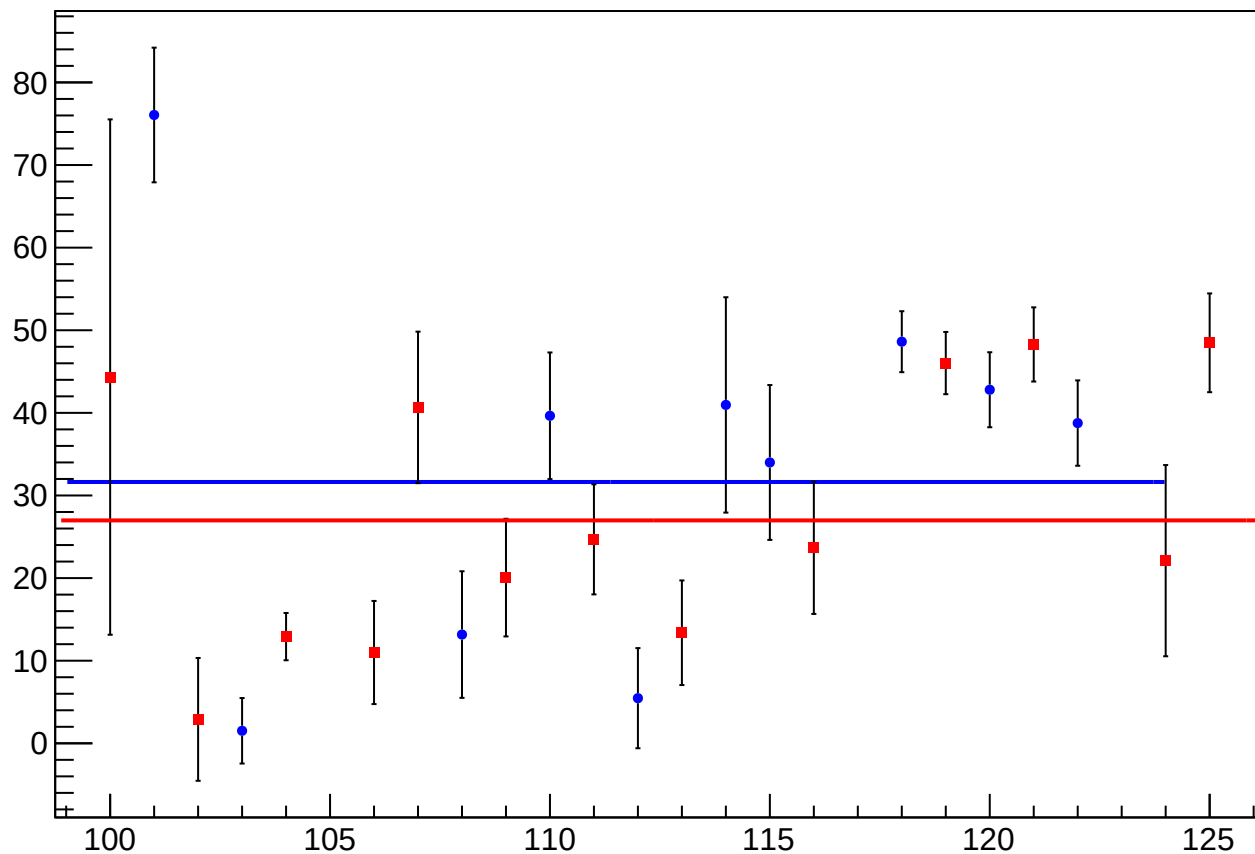
Right: 184.887+/-1.015 χ^2/NDF : 15656.7/22

In: 189.544+/-1.536 χ^2/NDF : 6871.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.887+/-1.015 χ^2/NDF : 15656.7/22

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: 26.983+/-1.548 χ^2/NDF : 110.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

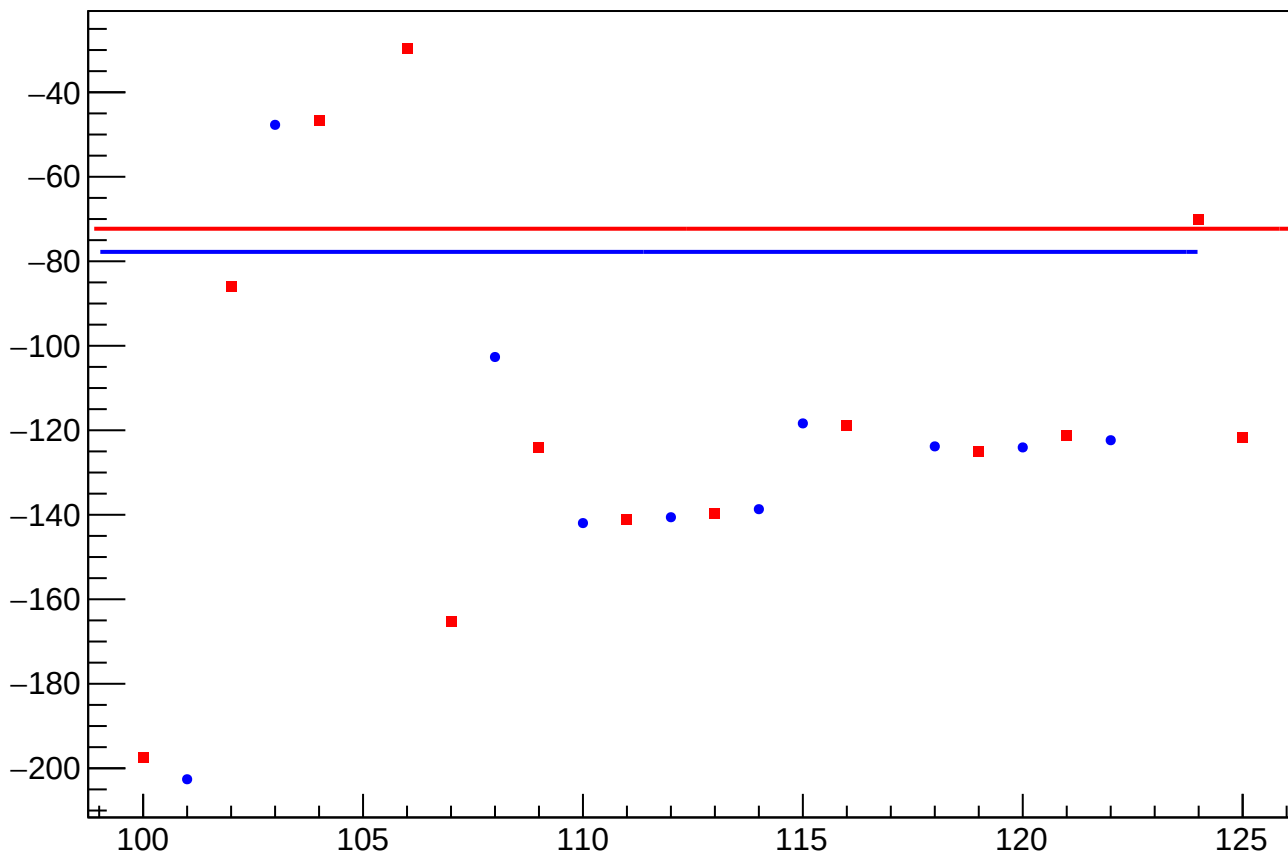
Right: 28.990+/-1.167 χ^2/NDF : 257.4/22

In: 31.634+/-1.777 χ^2/NDF : 142.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.990+/-1.167 χ^2/NDF : 257.4/22

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: -72.297+/-0.074 χ^2/NDF : 285828.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

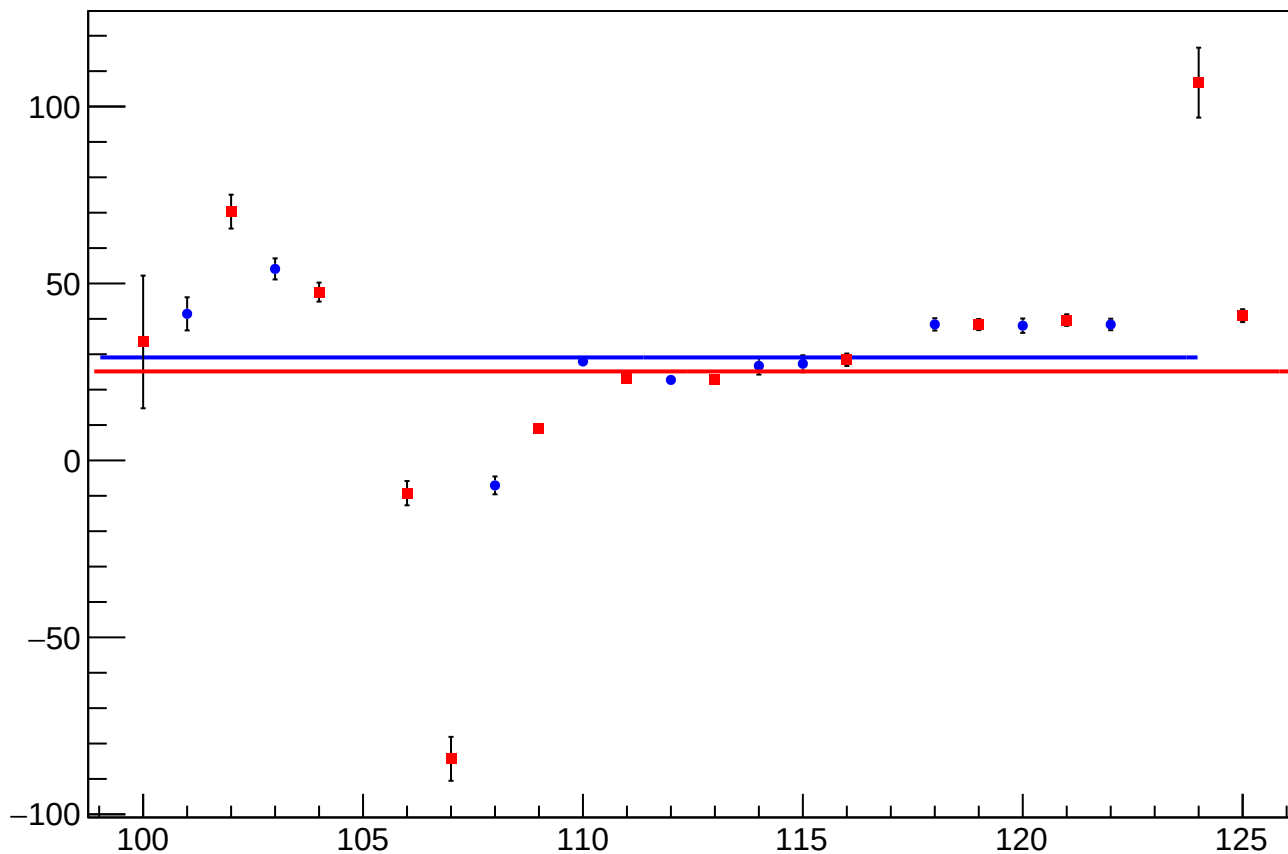
Right: -74.804+/-0.054 χ^2/NDF : 593286.6/22

In: -77.775+/-0.081 χ^2/NDF :304947.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -74.804+/-0.054 χ^2/NDF : 593286.6/22

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: 25.151+/-0.501 χ^2/NDF : 1098.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

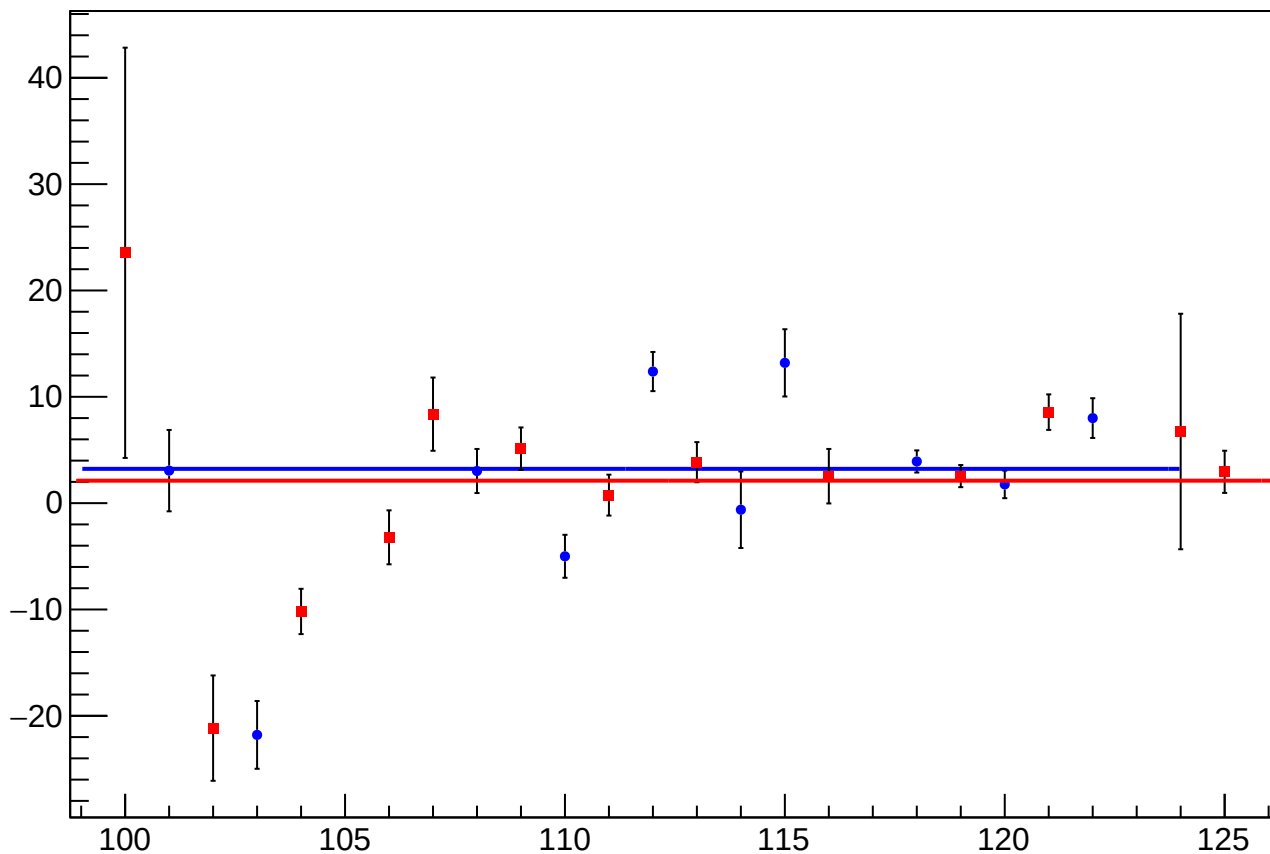
Right: 26.849+/-0.379 χ^2/NDF : 1524.2/22

In: 29.107+/-0.578 χ^2/NDF : 399.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.849+/-0.379 χ^2/NDF : 1524.2/22

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: 2.113+/-0.577 χ^2/NDF : 83.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

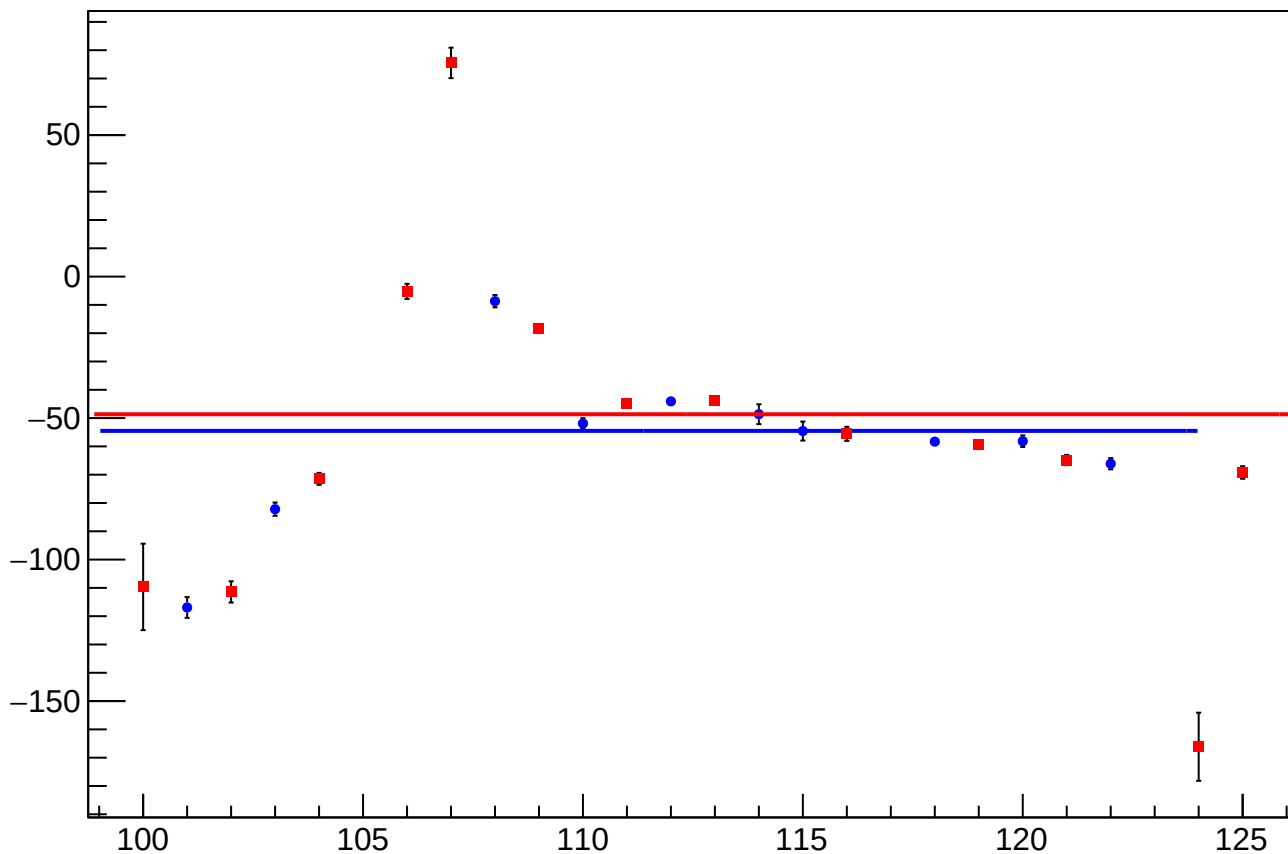
Right: 2.661+/-0.411 χ^2/NDF : 207.4/22

In: 3.226+/-0.585 χ^2/NDF : 122.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.661+/-0.411 χ^2/NDF : 207.4/22

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.522+/-0.686 χ^2/NDF : 961.0/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -48.642+/-0.622 χ^2/NDF : 1891.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

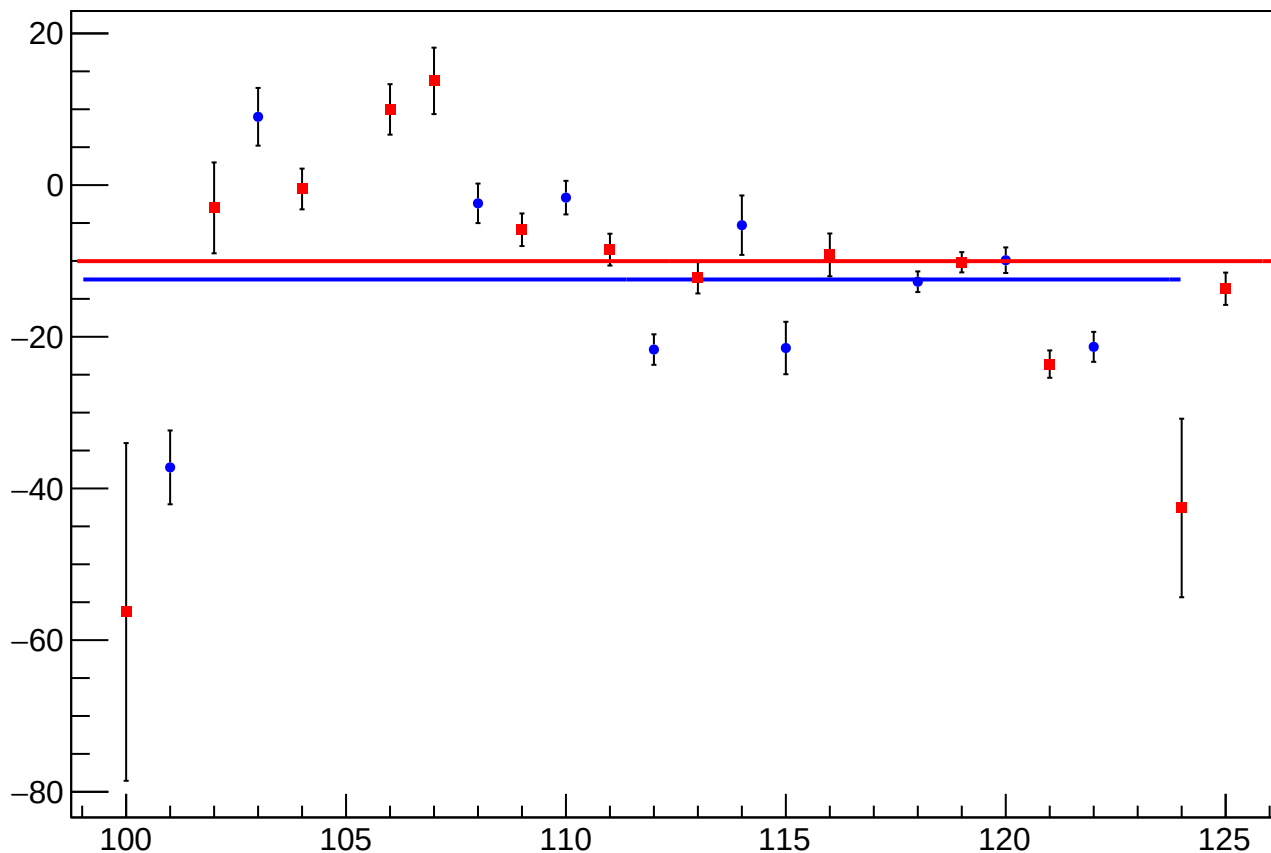
Right: -51.295+/-0.461 χ^2/NDF : 2892.7/22

In: -54.522+/-0.686 χ^2/NDF : 961.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -51.295+/-0.461 χ^2/NDF : 2892.7/22

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.444 $\pm$ 0.706 χ^2 /NDF: 150.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -10.026 $\pm$ 0.672 χ^2 /NDF: 156.5/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

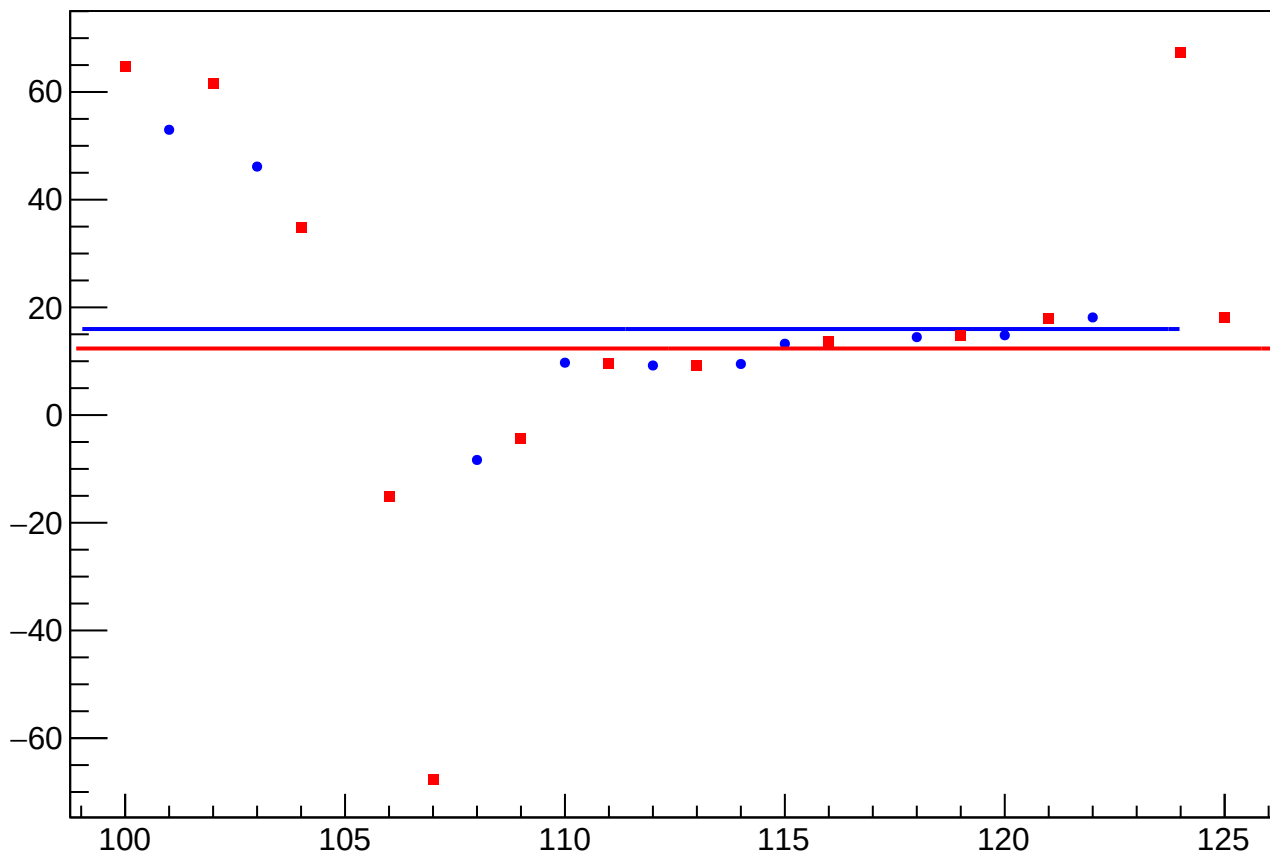
Right: -11.176 $\pm$ 0.487 χ^2 /NDF: 312.7/22

In: -12.444 $\pm$ 0.706 χ^2 /NDF:150.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -11.176 $\pm$ 0.487 χ^2 /NDF: 312.7/22

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 15.979+/-0.044 χ^2/NDF : 204454.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.362+/-0.042 χ^2/NDF : 349745.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

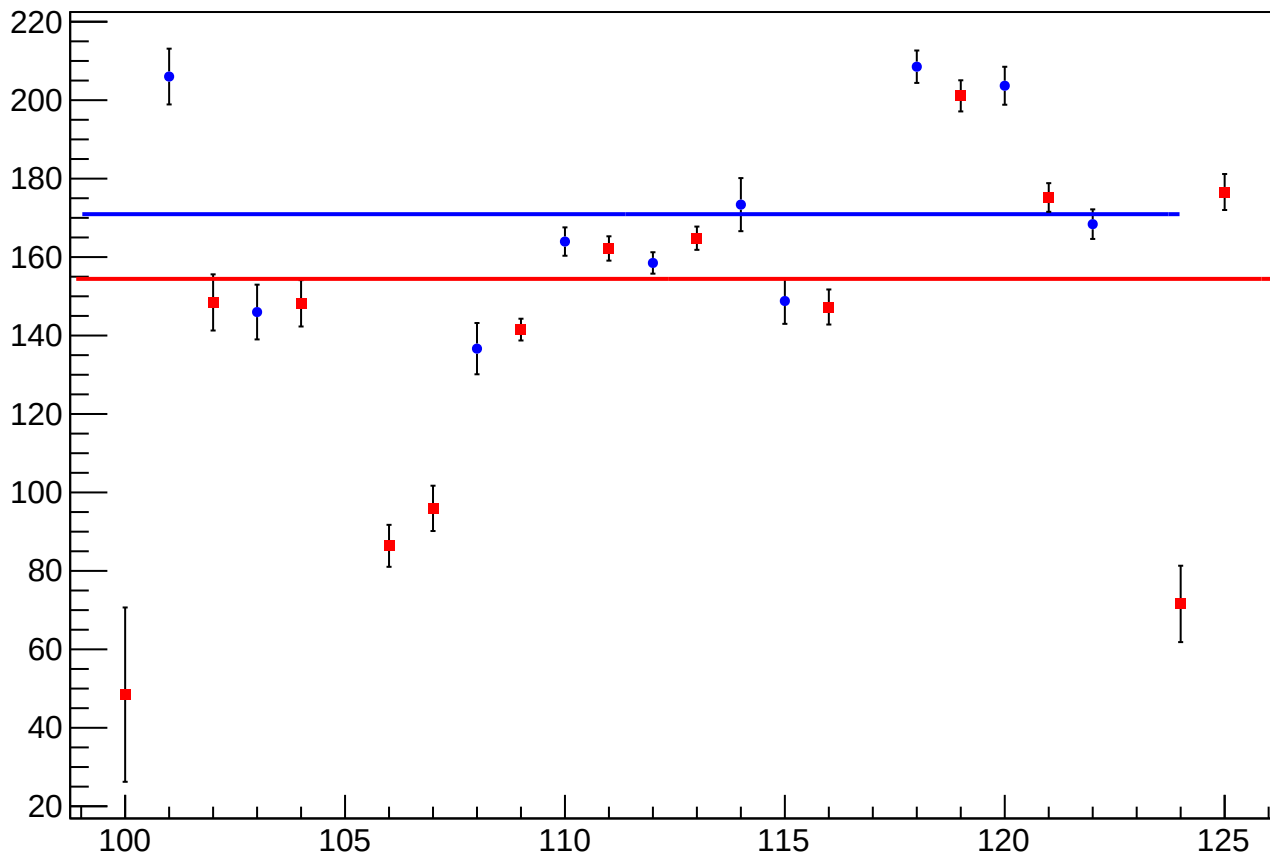
Right: 14.095+/-0.030 χ^2/NDF : 557755.1/22

In: 15.979+/-0.044 χ^2/NDF : 204454.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.095+/-0.030 χ^2/NDF : 557755.1/22

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: 154.443+/-1.187 χ^2/NDF : 598.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

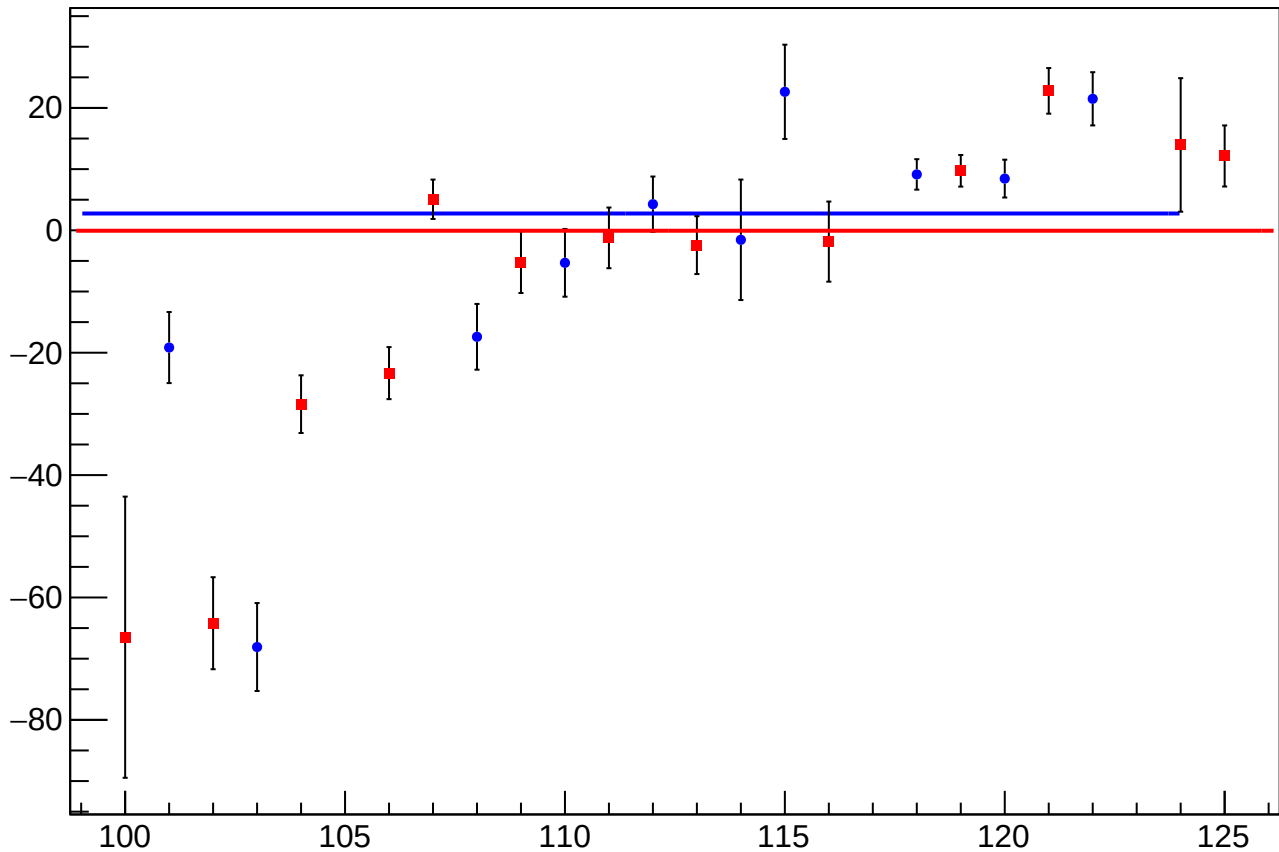
Right: 161.240+/-0.910 χ^2/NDF : 910.2/22

In: 170.939+/-1.418 χ^2/NDF : 232.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.240+/-0.910 χ^2/NDF : 910.2/22

reg_asym_at1_avg_at2_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.750+/-1.399 χ^2/NDF : 163.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.067+/-1.255 χ^2/NDF : 210.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

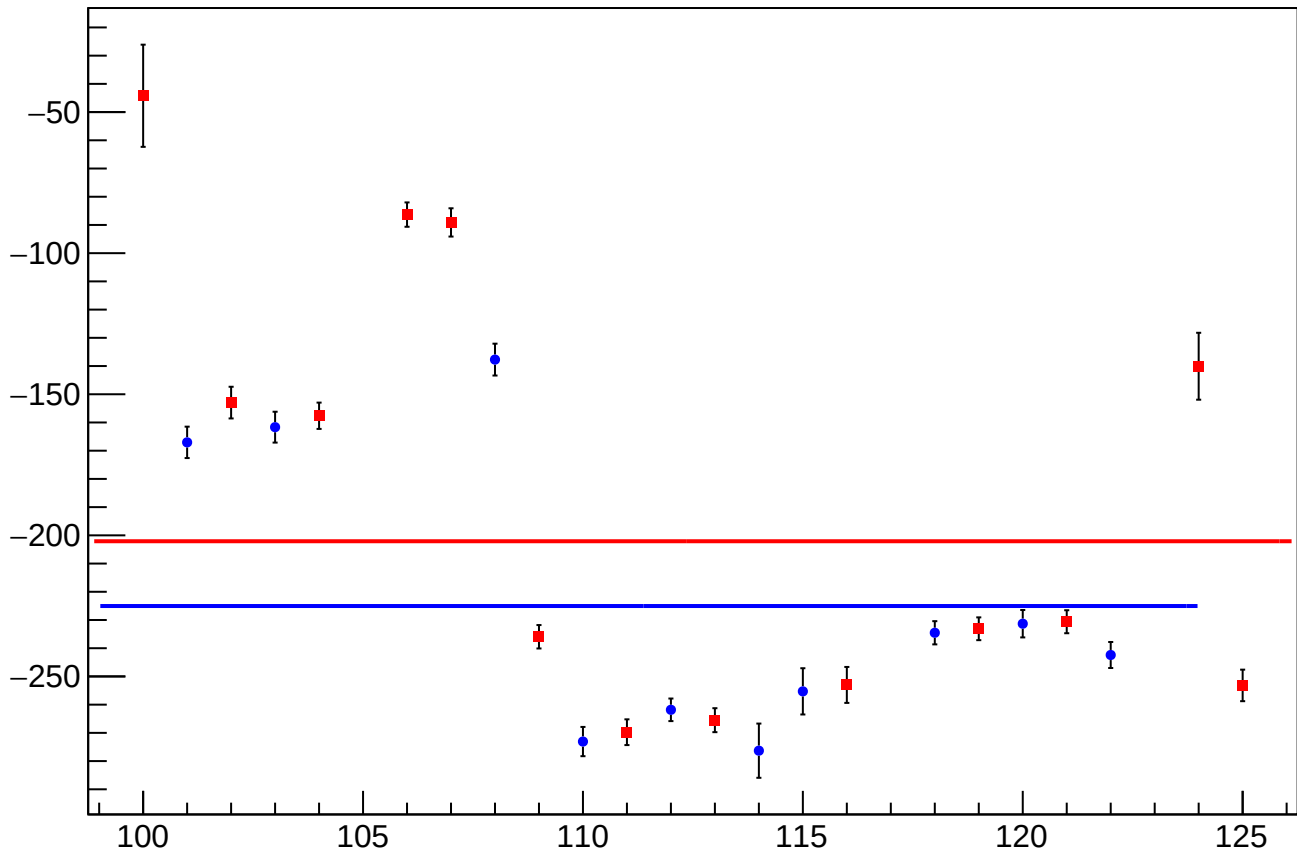
Right: 1.190+/-0.934 χ^2/NDF : 376.1/22

In: 2.750+/-1.399 χ^2/NDF : 163.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.190+/-0.934 χ^2/NDF : 376.1/22

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: -202.091+/-1.385 χ^2/NDF : 2264.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

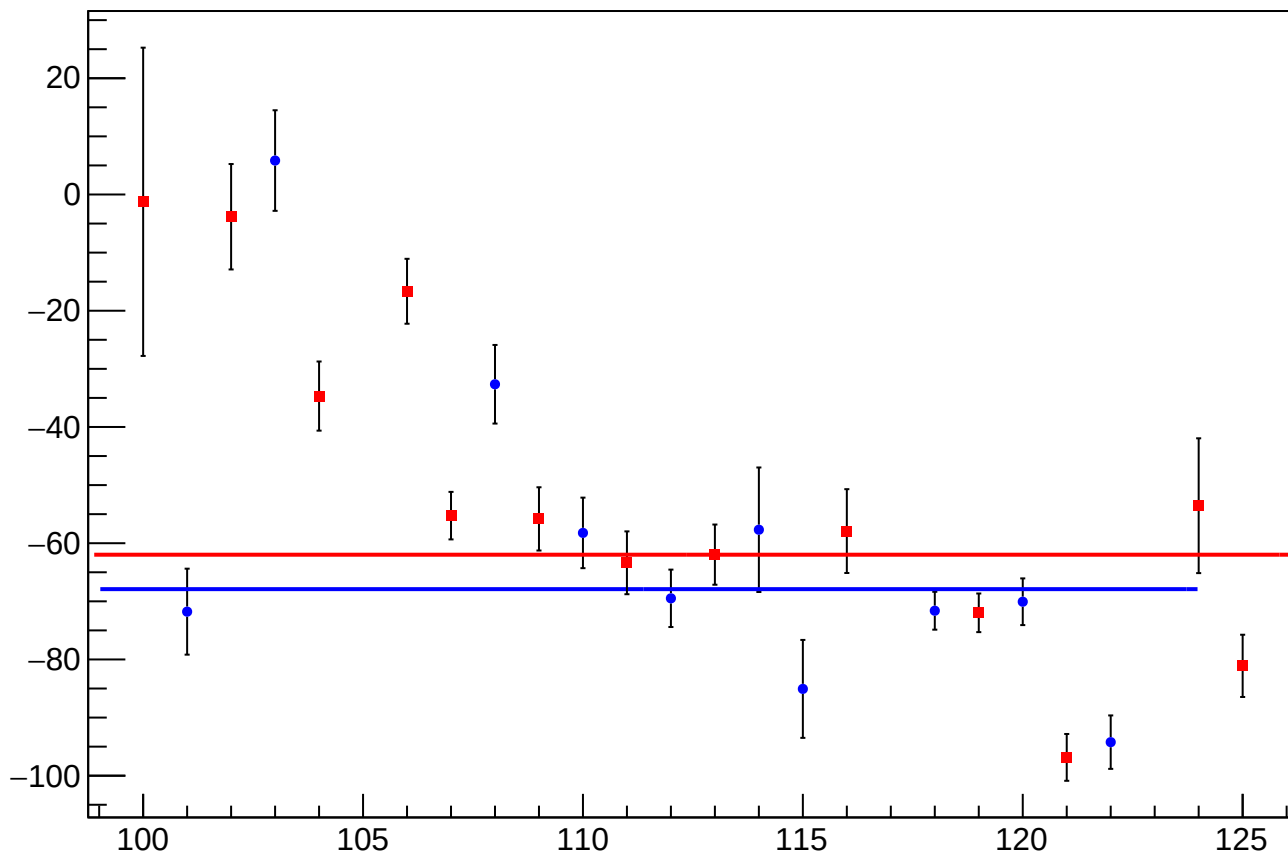
Right: -211.639+/-1.059 χ^2/NDF : 3094.7/22

In: -225.048+/-1.641 χ^2/NDF : 716.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -211.639+/-1.059 χ^2/NDF : 3094.7/22

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: -61.978 $\pm$ 1.486 χ^2 /NDF: 234.9/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

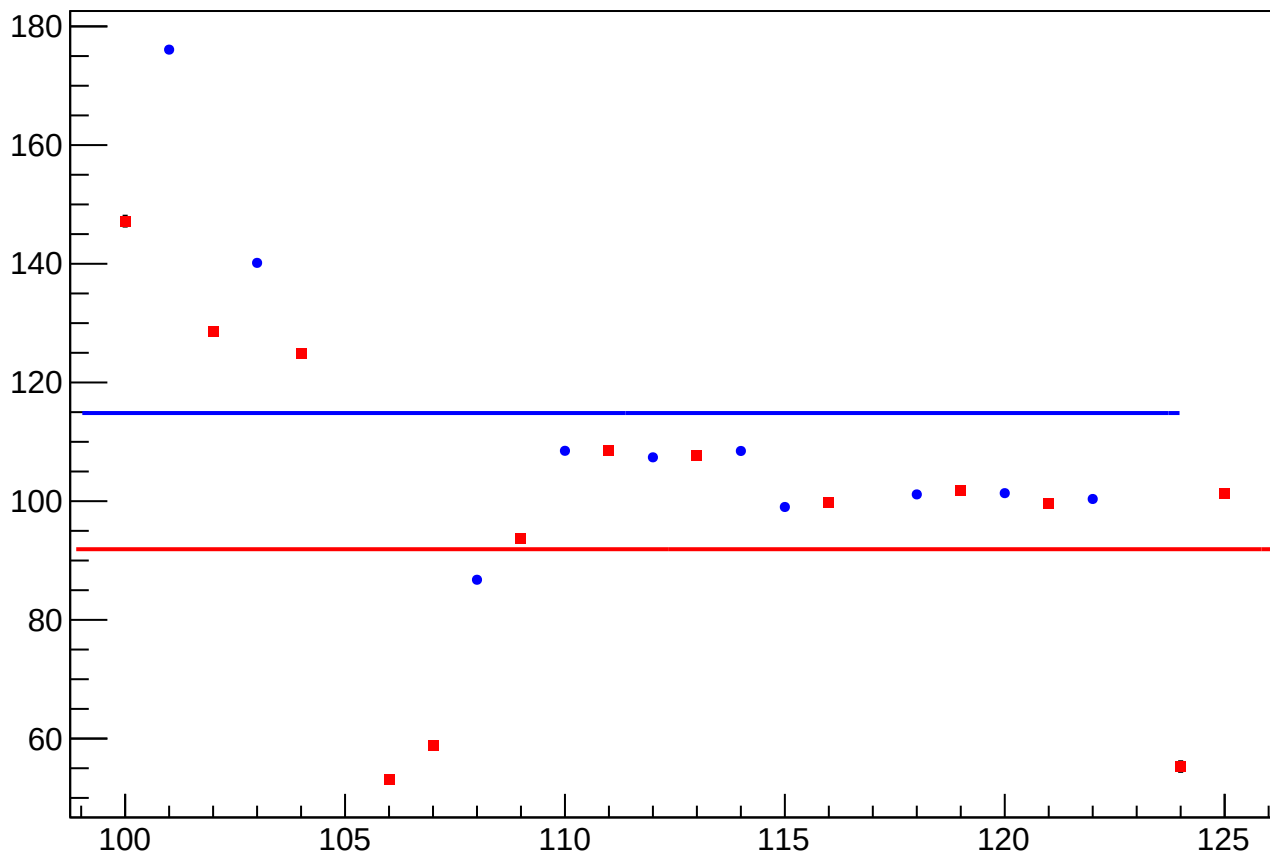
Right: -64.552 $\pm$ 1.118 χ^2 /NDF: 384.0/22

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: -64.552 $\pm$ 1.118 χ^2 /NDF: 384.0/22

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: 91.906+/-0.083 χ^2/NDF : 122432.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

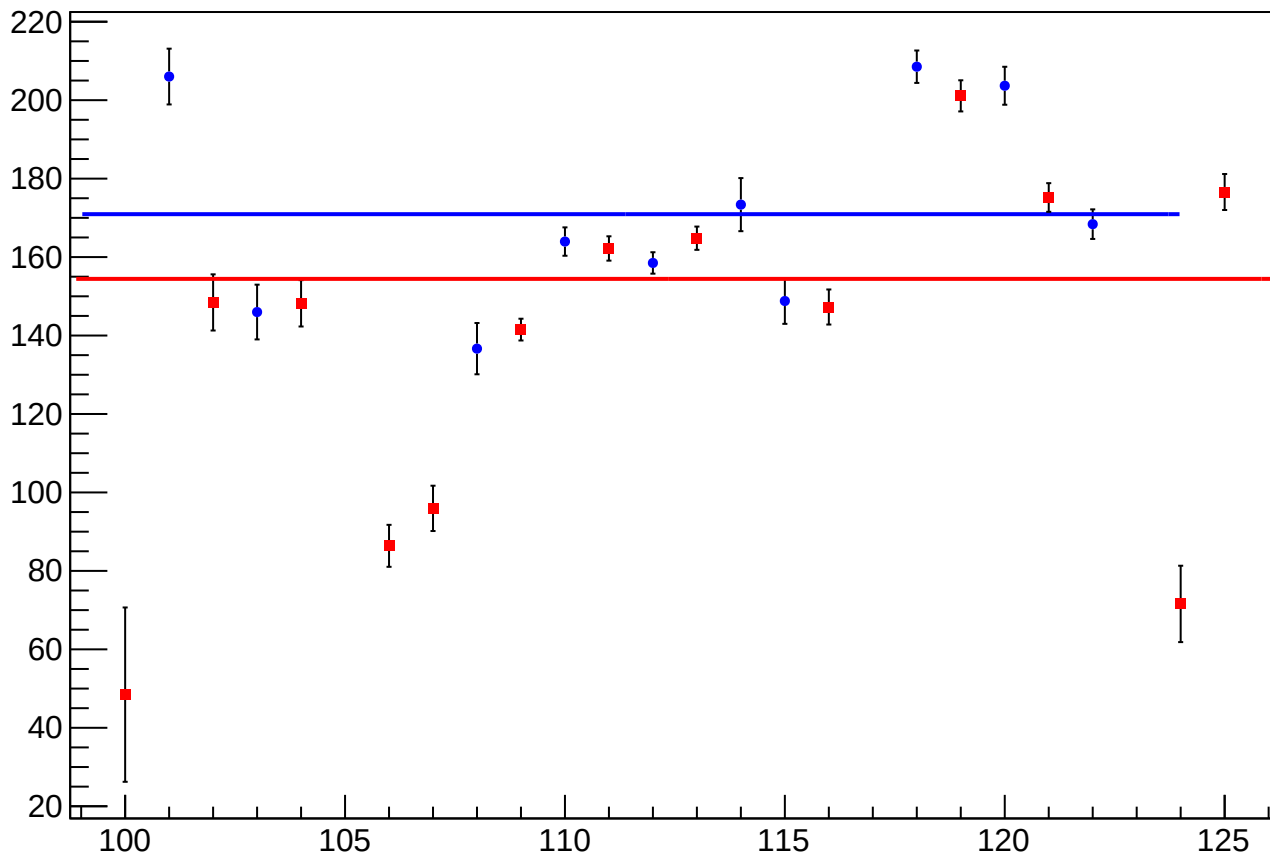
Right: 100.712+/-0.065 χ^2/NDF : 219075.1/22

In: 114.850+/-0.105 χ^2/NDF : 67102.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.712+/-0.065 χ^2/NDF : 219075.1/22

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: 154.443±1.187 χ^2/NDF : 598.0/12

Left In: 0.000±0.000 χ^2/NDF :0.0/0

Left: 0.000±0.000 χ^2/NDF : 0.0/0

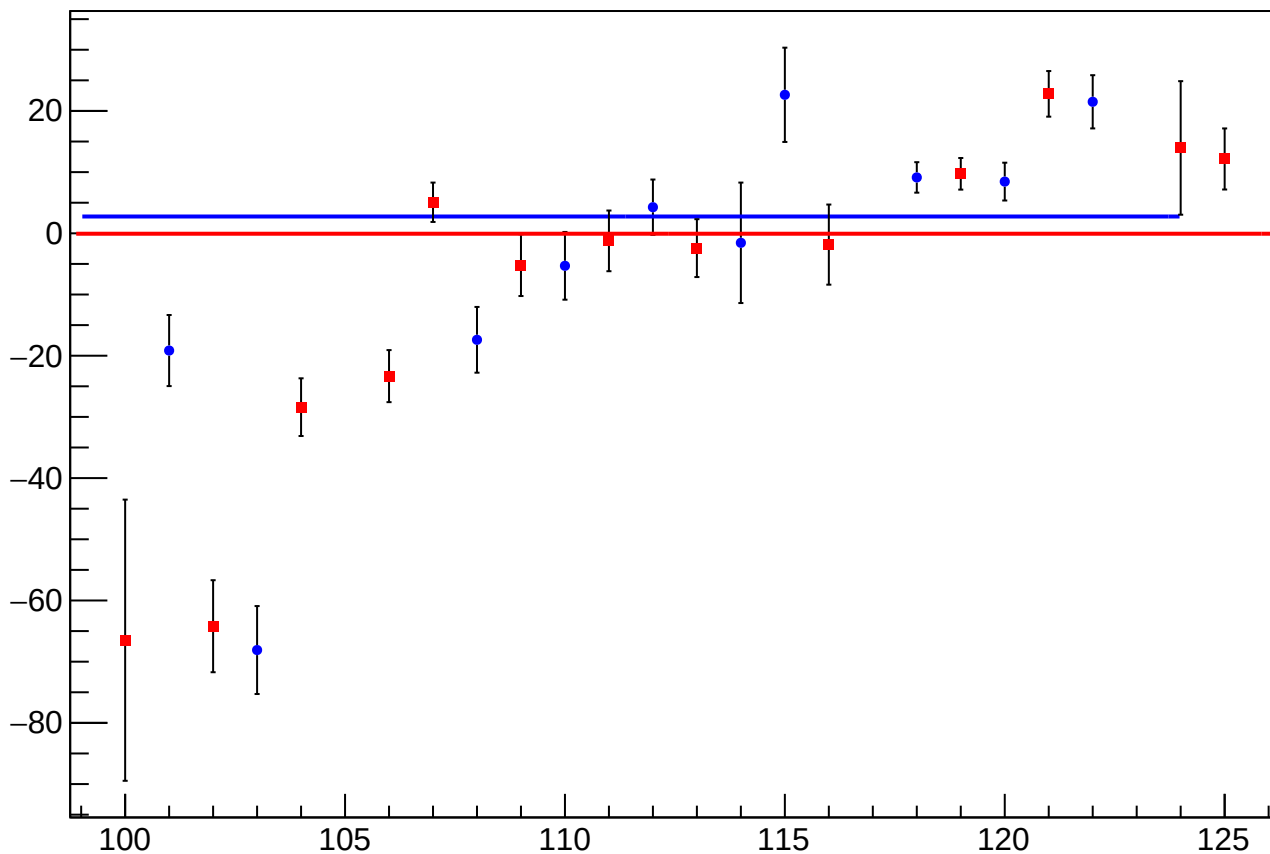
Right: 161.240±0.910 χ^2/NDF : 910.2/22

In: 170.939±1.418 χ^2/NDF :232.7/9

Out: 0.000±0.000 χ^2/NDF :0.0/0

All: 161.240±0.910 χ^2/NDF : 910.2/22

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.750+/-1.399 χ^2/NDF : 163.1/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.067+/-1.255 χ^2/NDF : 210.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

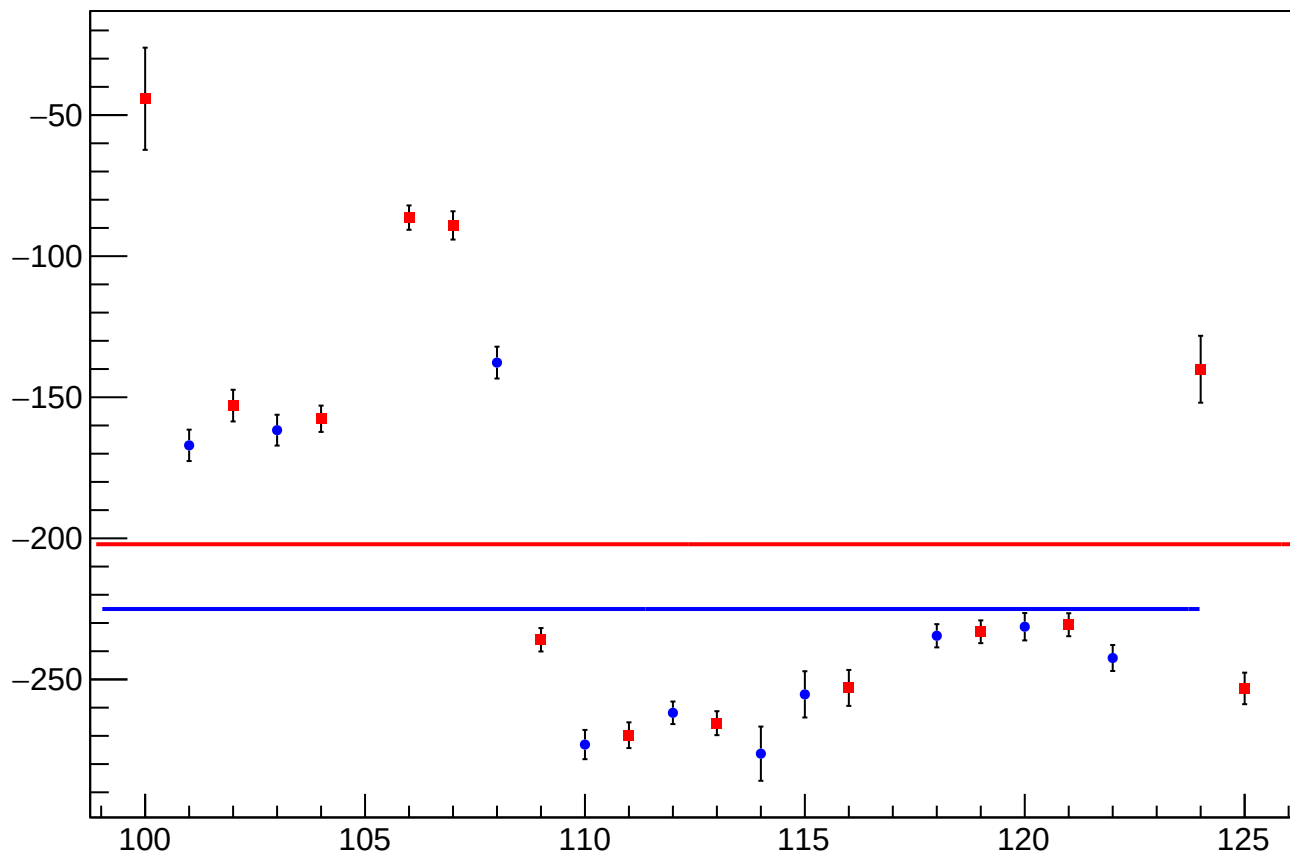
Right: 1.190+/-0.934 χ^2/NDF : 376.1/22

In: 2.750+/-1.399 χ^2/NDF : 163.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.190+/-0.934 χ^2/NDF : 376.1/22

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: -202.091+/-1.385 χ^2/NDF : 2264.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

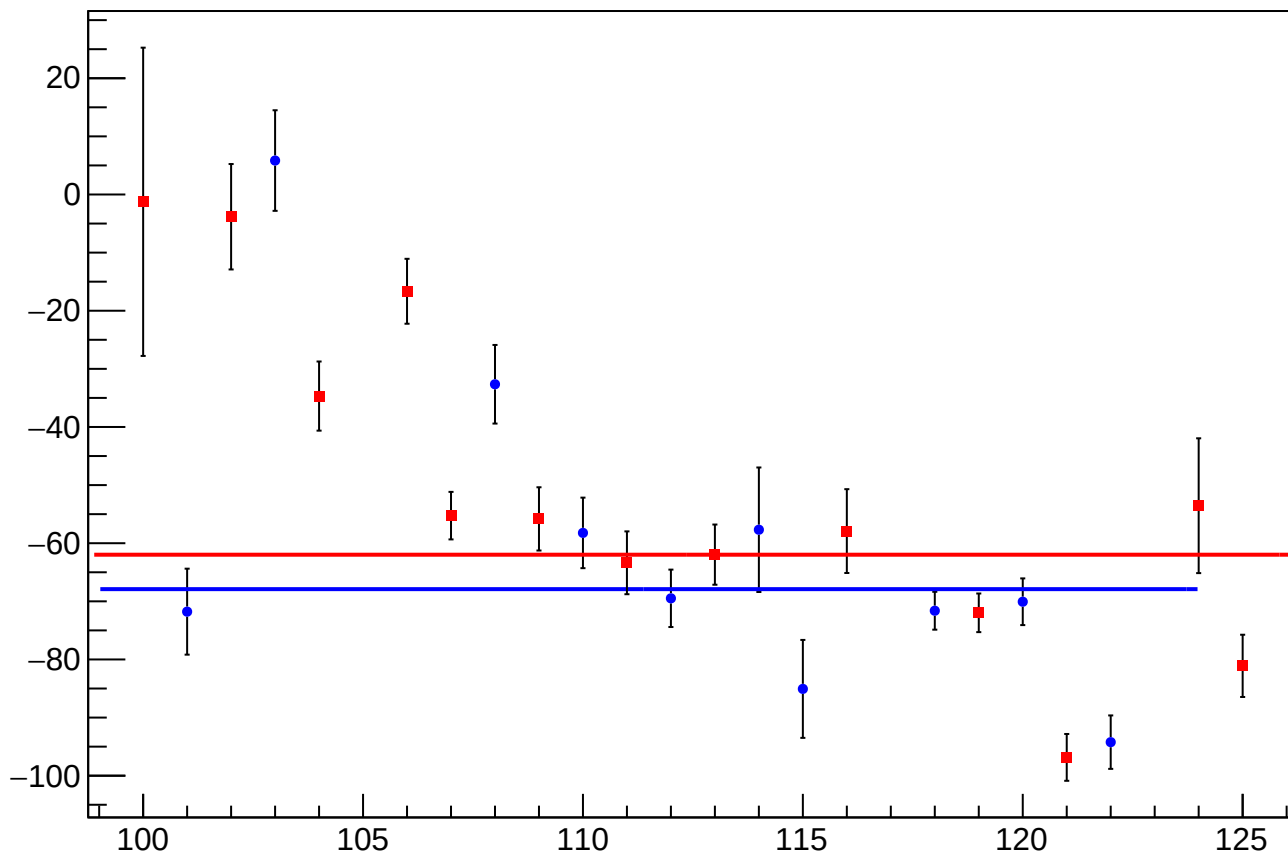
Right: -211.639+/-1.059 χ^2/NDF : 3094.7/22

In: -225.048+/-1.641 χ^2/NDF : 716.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -211.639+/-1.059 χ^2/NDF : 3094.7/22

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -67.902 ± 1.695 $\chi^2/\text{NDF}: 142.2/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -61.978 ± 1.486 $\chi^2/\text{NDF}: 234.9/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

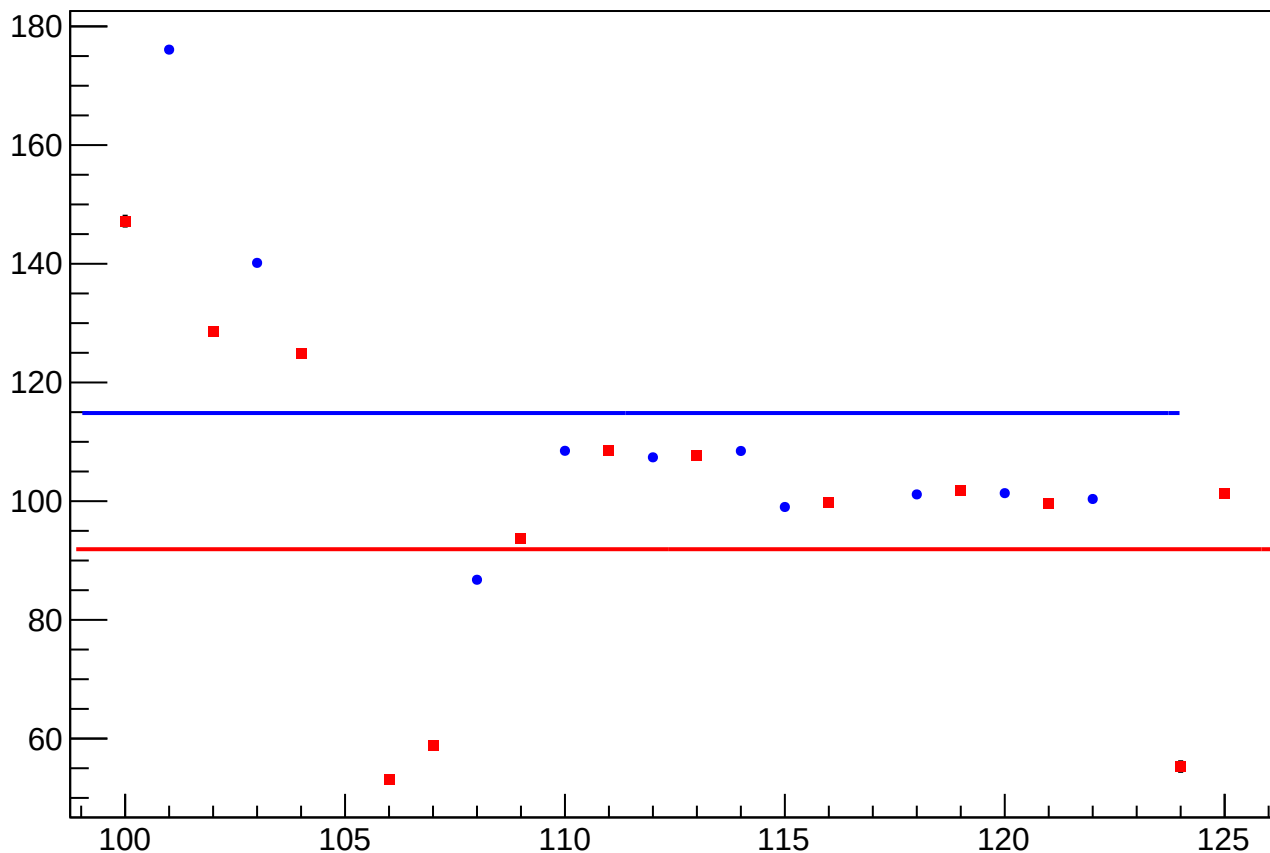
Right: -64.552 ± 1.118 $\chi^2/\text{NDF}: 384.0/22$

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: -64.552 ± 1.118 $\chi^2/\text{NDF}: 384.0/22$

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: 91.906+/-0.083 χ^2/NDF : 122432.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

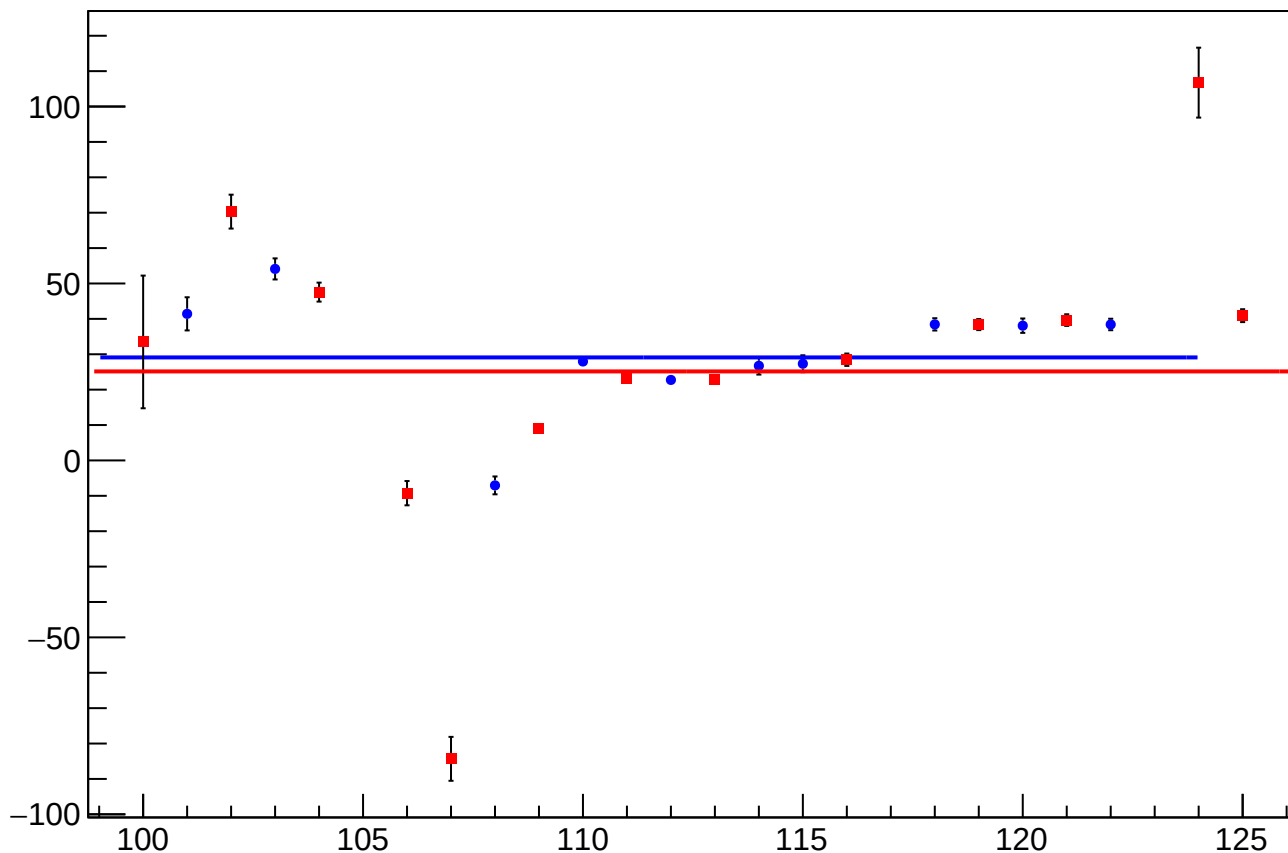
Right: 100.712+/-0.065 χ^2/NDF : 219075.1/22

In: 114.850+/-0.105 χ^2/NDF : 67102.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.712+/-0.065 χ^2/NDF : 219075.1/22

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: 25.151+/-0.501 χ^2/NDF : 1098.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

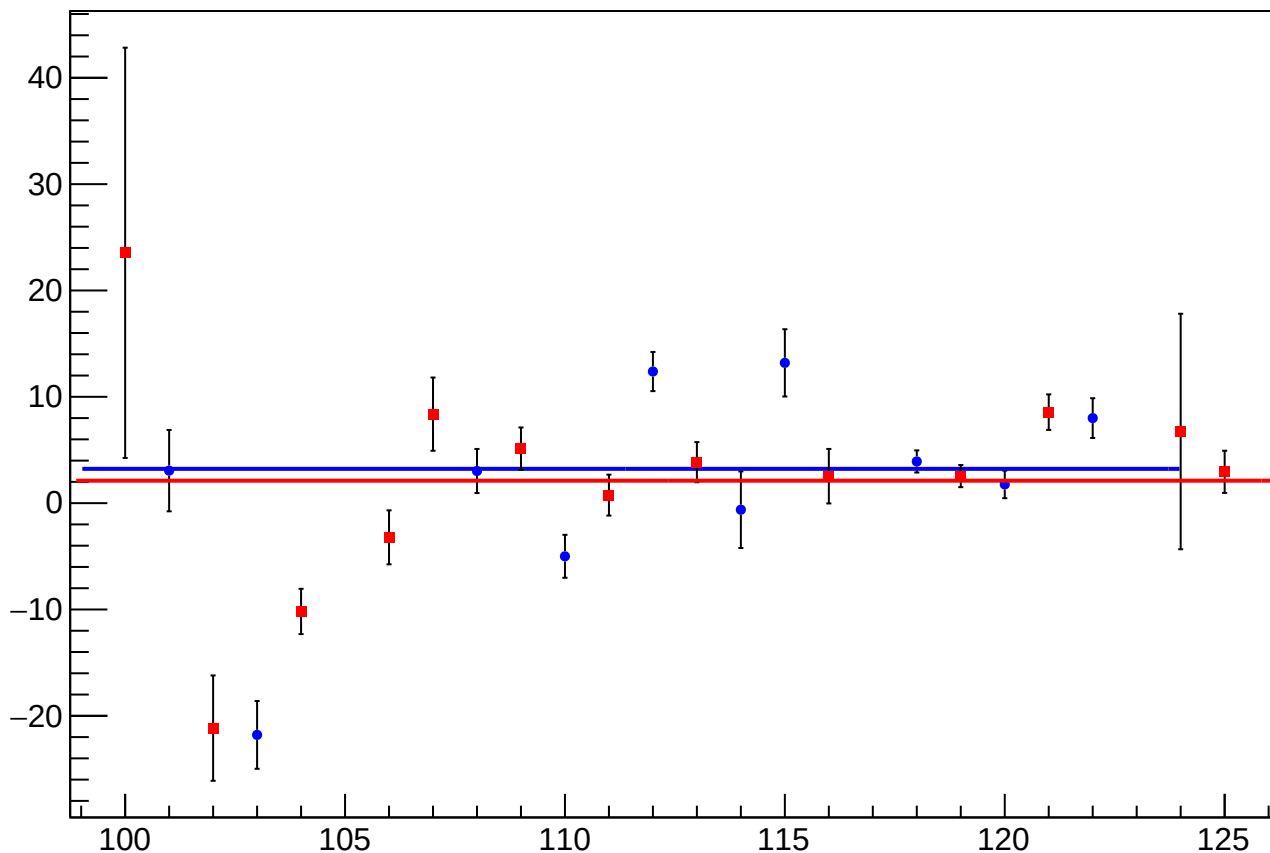
Right: 26.849+/-0.379 χ^2/NDF : 1524.2/22

In: 29.107+/-0.578 χ^2/NDF : 399.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.849+/-0.379 χ^2/NDF : 1524.2/22

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: 2.113+/-0.577 χ^2/NDF : 83.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

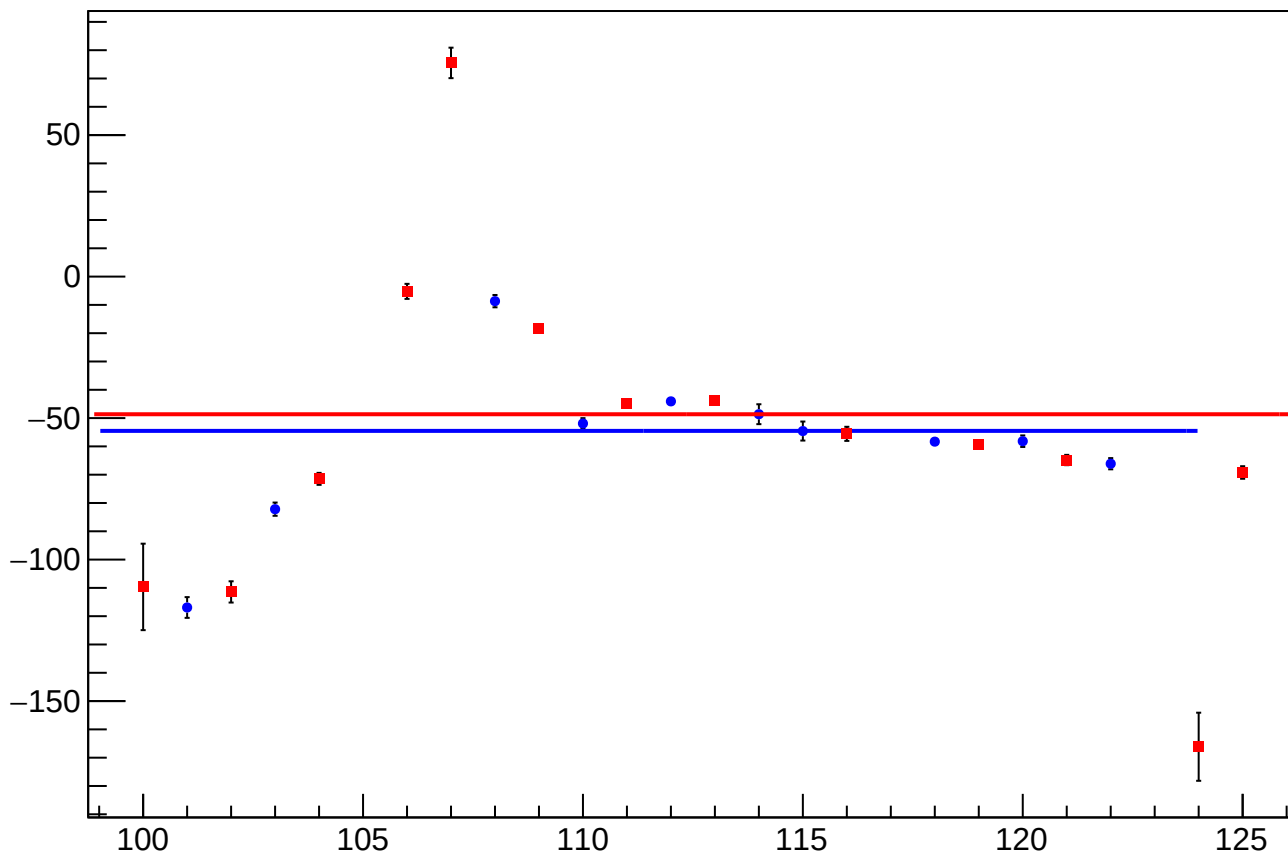
Right: 2.661+/-0.411 χ^2/NDF : 207.4/22

In: 3.226+/-0.585 χ^2/NDF : 122.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.661+/-0.411 χ^2/NDF : 207.4/22

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: -48.642+/-0.622 χ^2/NDF : 1891.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

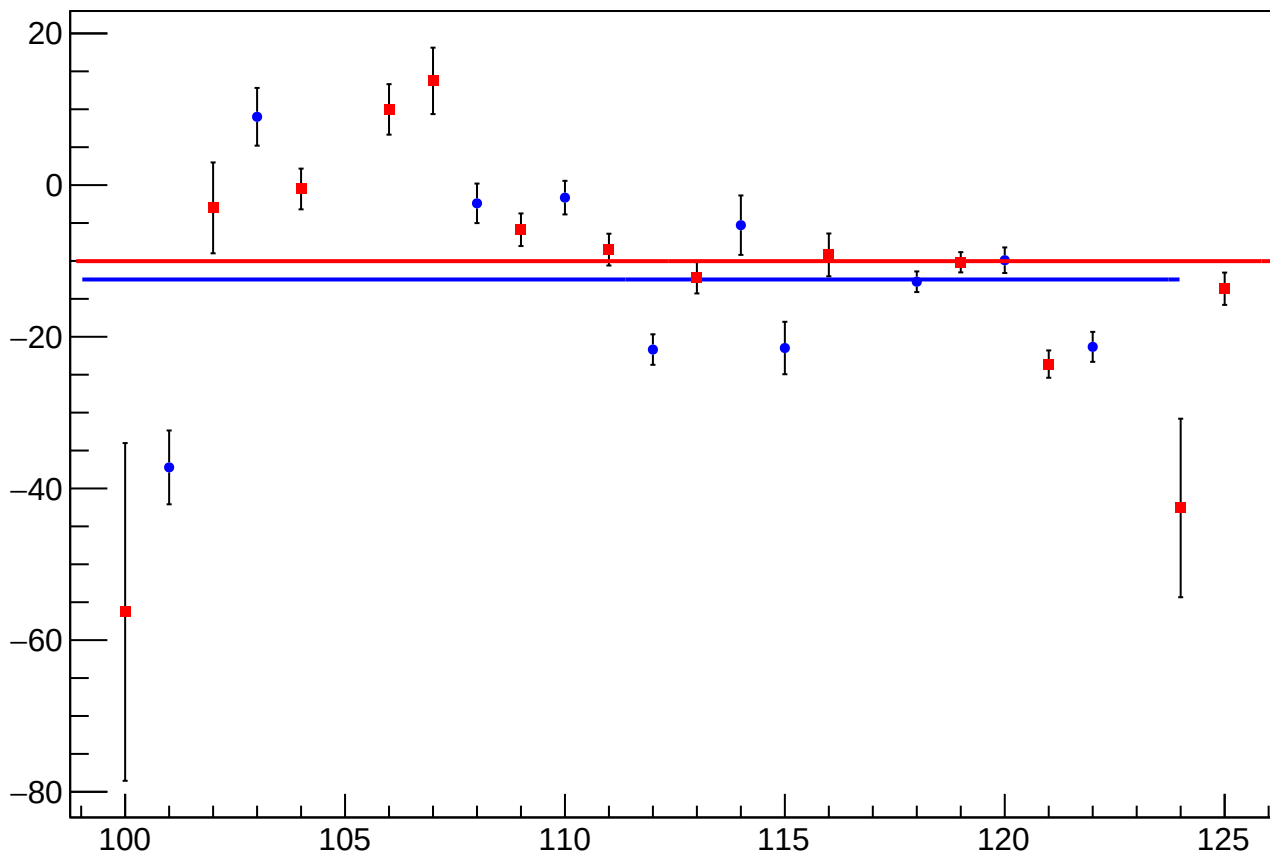
Right: -51.295+/-0.461 χ^2/NDF : 2892.7/22

In: -54.522+/-0.686 χ^2/NDF : 961.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -51.295+/-0.461 χ^2/NDF : 2892.7/22

reg_asym_atl1r2_dd_atl2r1_dd_avg_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: -10.026 ± 0.672 χ^2/NDF : 156.5/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

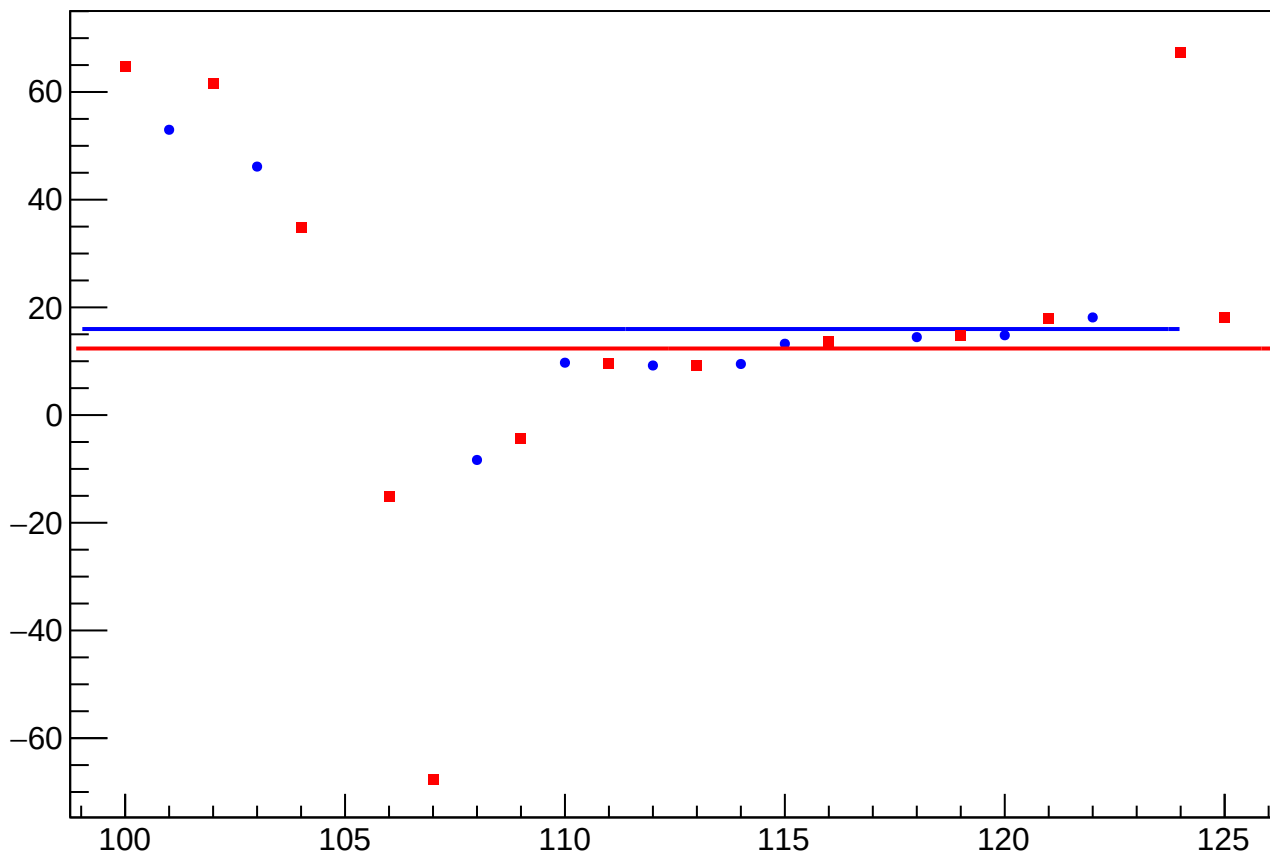
Right: -11.176 ± 0.487 χ^2/NDF : 312.7/22

In: -12.444 ± 0.706 χ^2/NDF : 150.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.176 ± 0.487 χ^2/NDF : 312.7/22

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 15.979+/-0.044 χ^2/NDF : 204454.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 12.362+/-0.042 χ^2/NDF : 349745.8/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

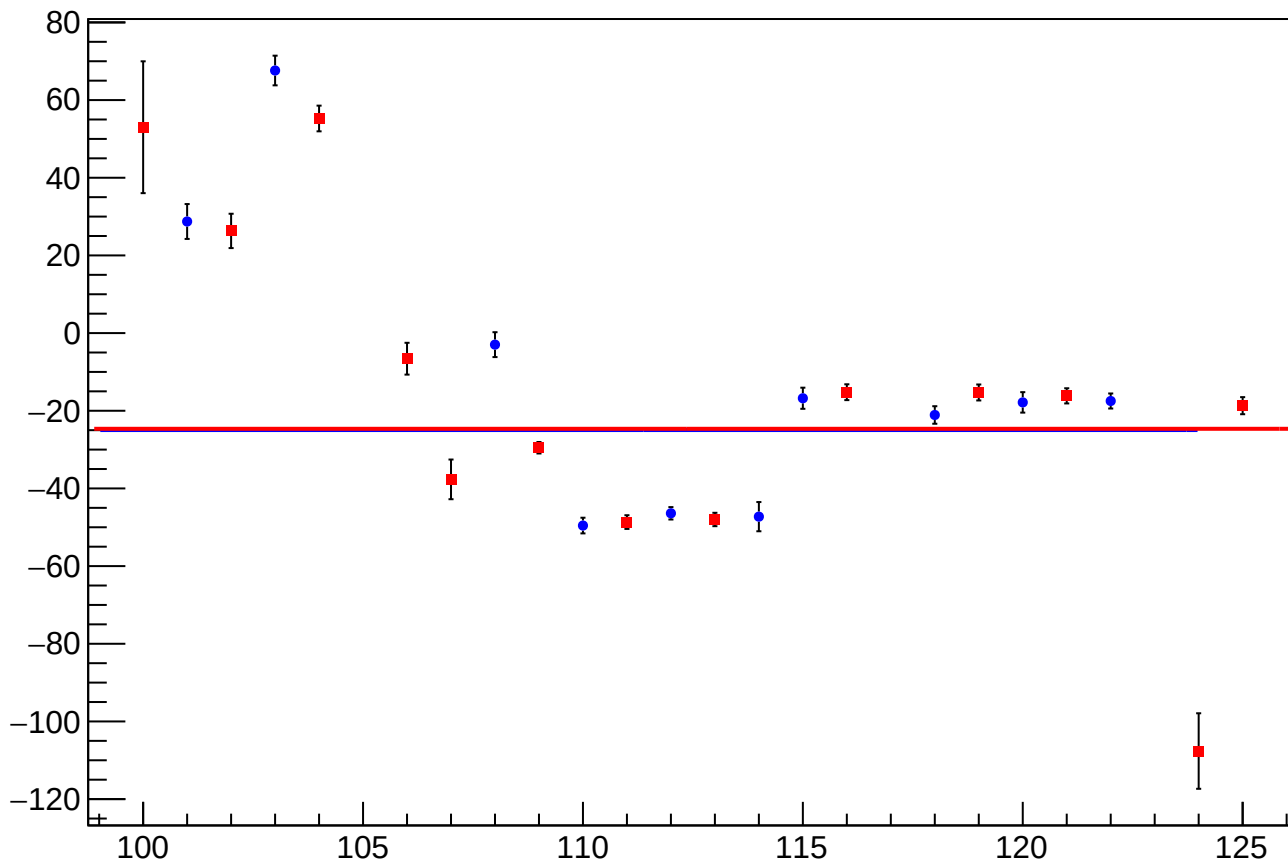
Right: 14.095+/-0.030 χ^2/NDF : 557755.1/22

In: 15.979+/-0.044 χ^2/NDF :204454.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 14.095+/-0.030 χ^2/NDF : 557755.1/22

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: -24.645 $\pm$ 0.657 χ^2 /NDF: 1283.9/12

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

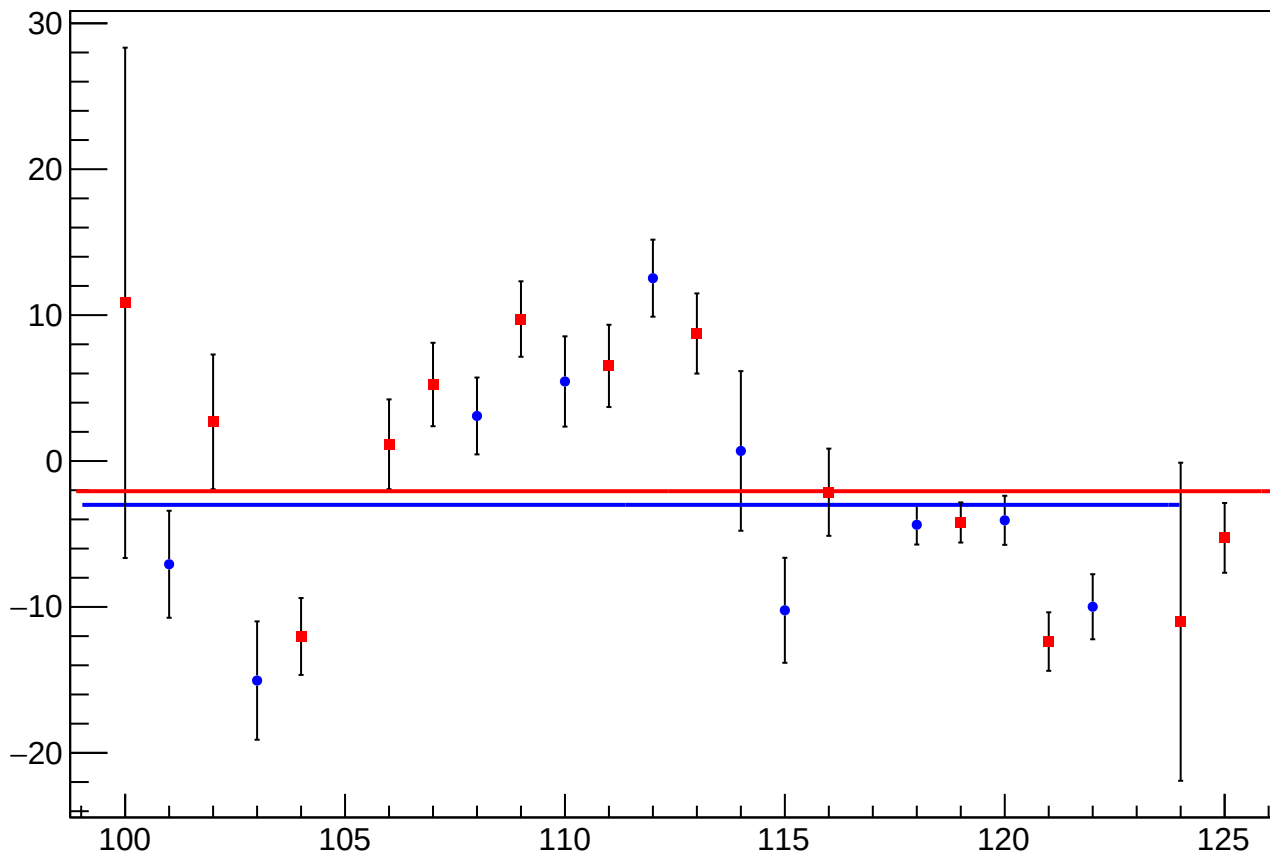
Right: -24.779 $\pm$ 0.501 χ^2 /NDF: 2459.9/22

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: -24.779 $\pm$ 0.501 χ^2 /NDF: 2459.9/22

reg_asym_at1_dd_at2_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.003 ± 0.759 $\chi^2/\text{NDF}: 73.2/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -2.068 ± 0.725 $\chi^2/\text{NDF}: 100.4/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

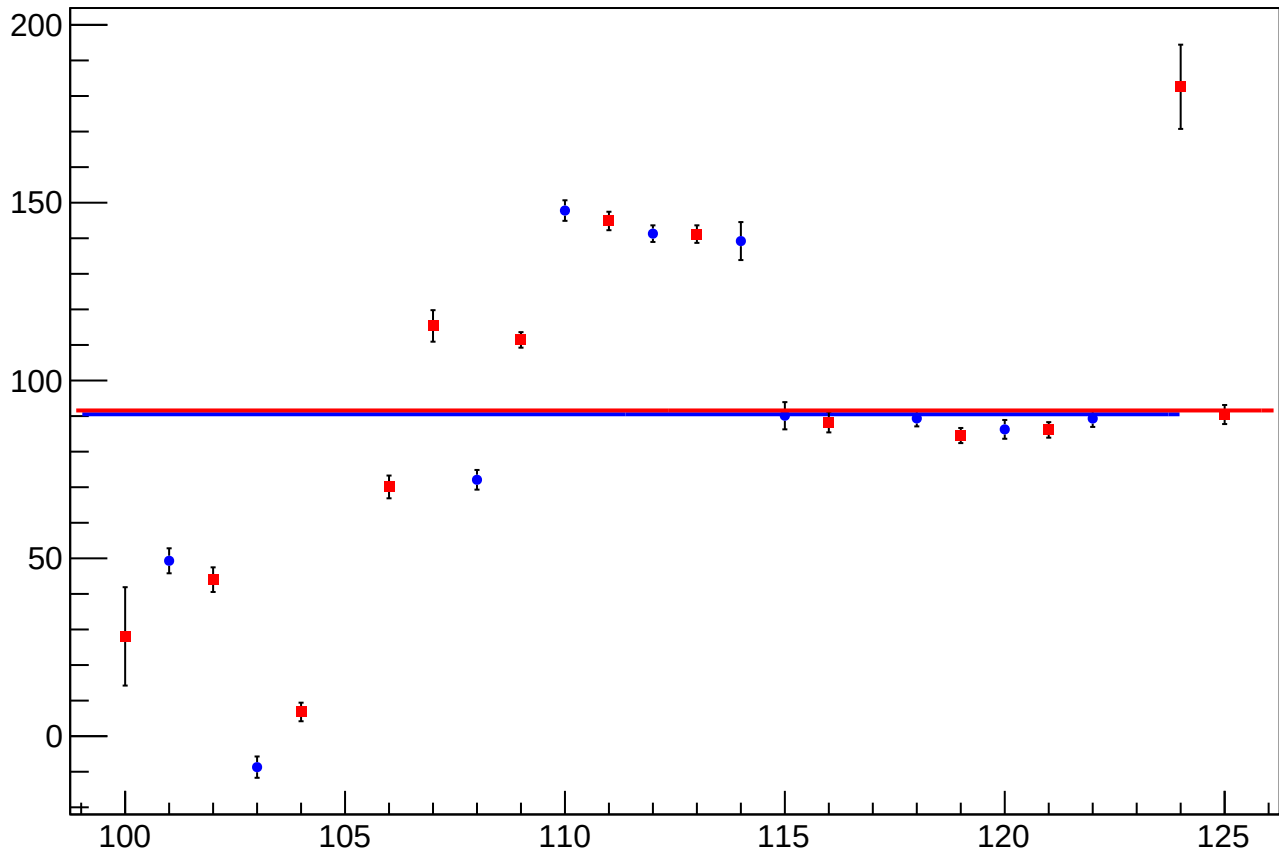
Right: -2.514 ± 0.524 $\chi^2/\text{NDF}: 174.4/22$

In: -3.003 ± 0.759 $\chi^2/\text{NDF}: 73.2/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -2.514 ± 0.524 $\chi^2/\text{NDF}: 174.4/22$

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: 91.581+/-0.790 χ^2/NDF : 2324.7/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

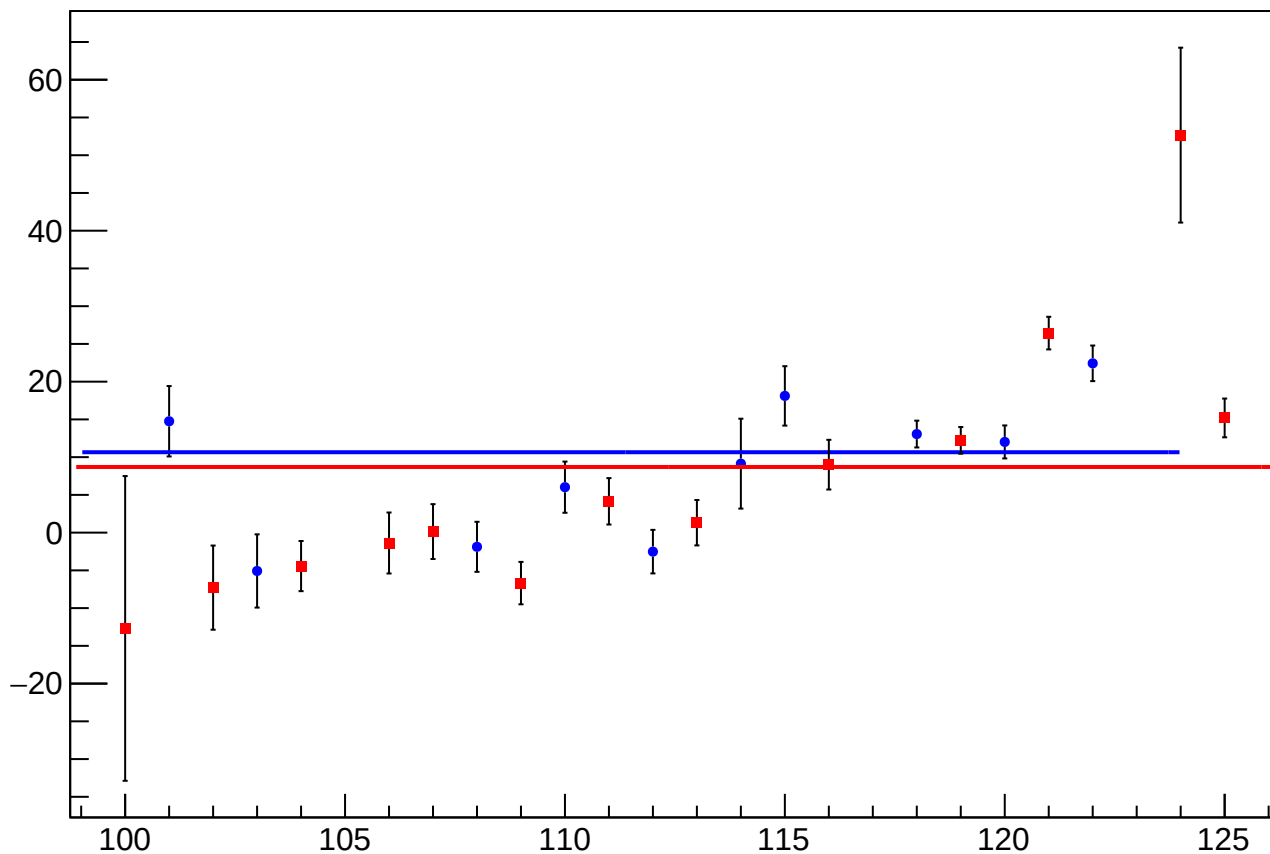
Right: 91.113+/-0.592 χ^2/NDF : 4555.0/22

In: 90.513+/-0.895 χ^2/NDF : 2229.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.113+/-0.592 χ^2/NDF : 4555.0/22

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.652 ± 0.918 $\chi^2/\text{NDF}: 79.1/9$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 8.699 ± 0.848 $\chi^2/\text{NDF}: 167.0/12$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

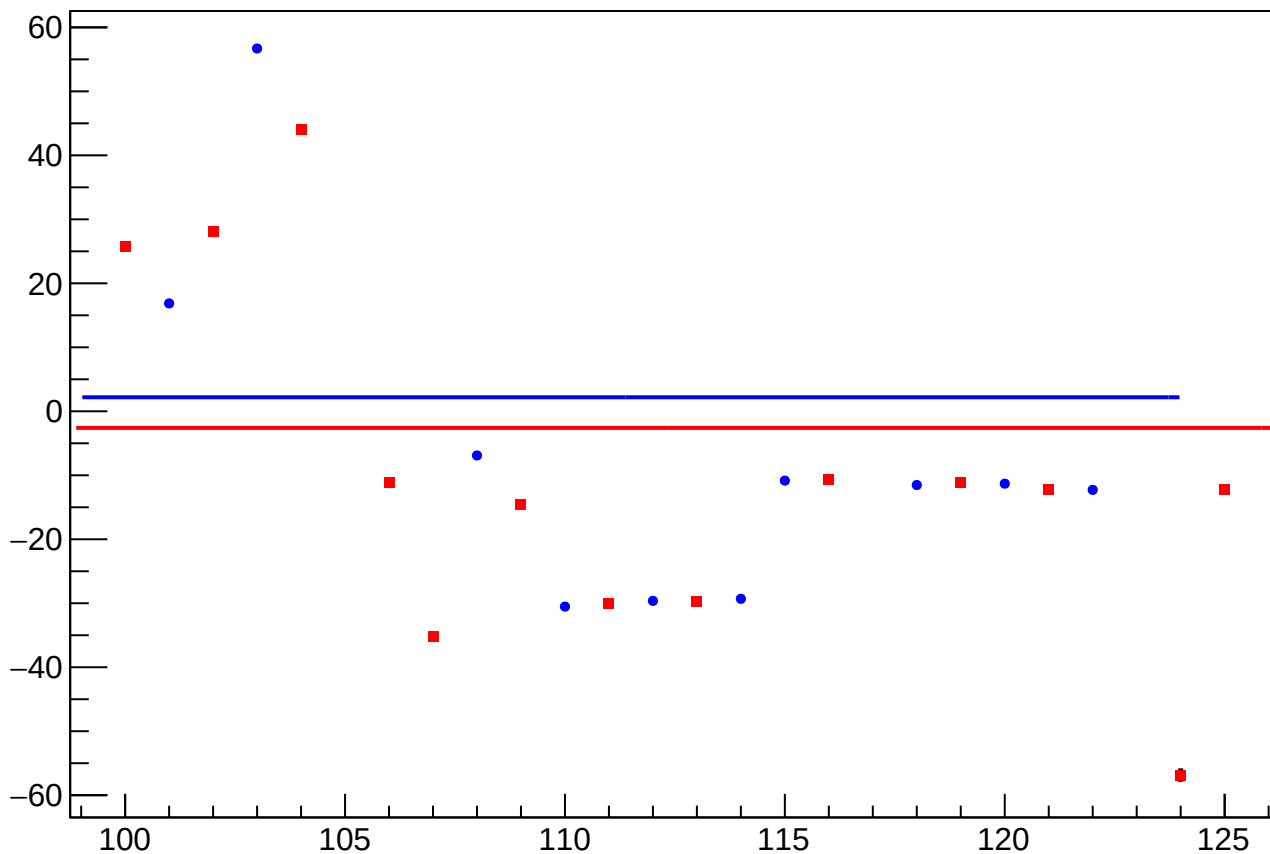
Right: 9.597 ± 0.623 $\chi^2/\text{NDF}: 248.6/22$

In: 10.652 ± 0.918 $\chi^2/\text{NDF}: 79.1/9$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 9.597 ± 0.623 $\chi^2/\text{NDF}: 248.6/22$

reg_asym_at1_dd_at2_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 2.192+/-0.056 χ^2/NDF : 272745.6/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.595+/-0.051 χ^2/NDF : 273442.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

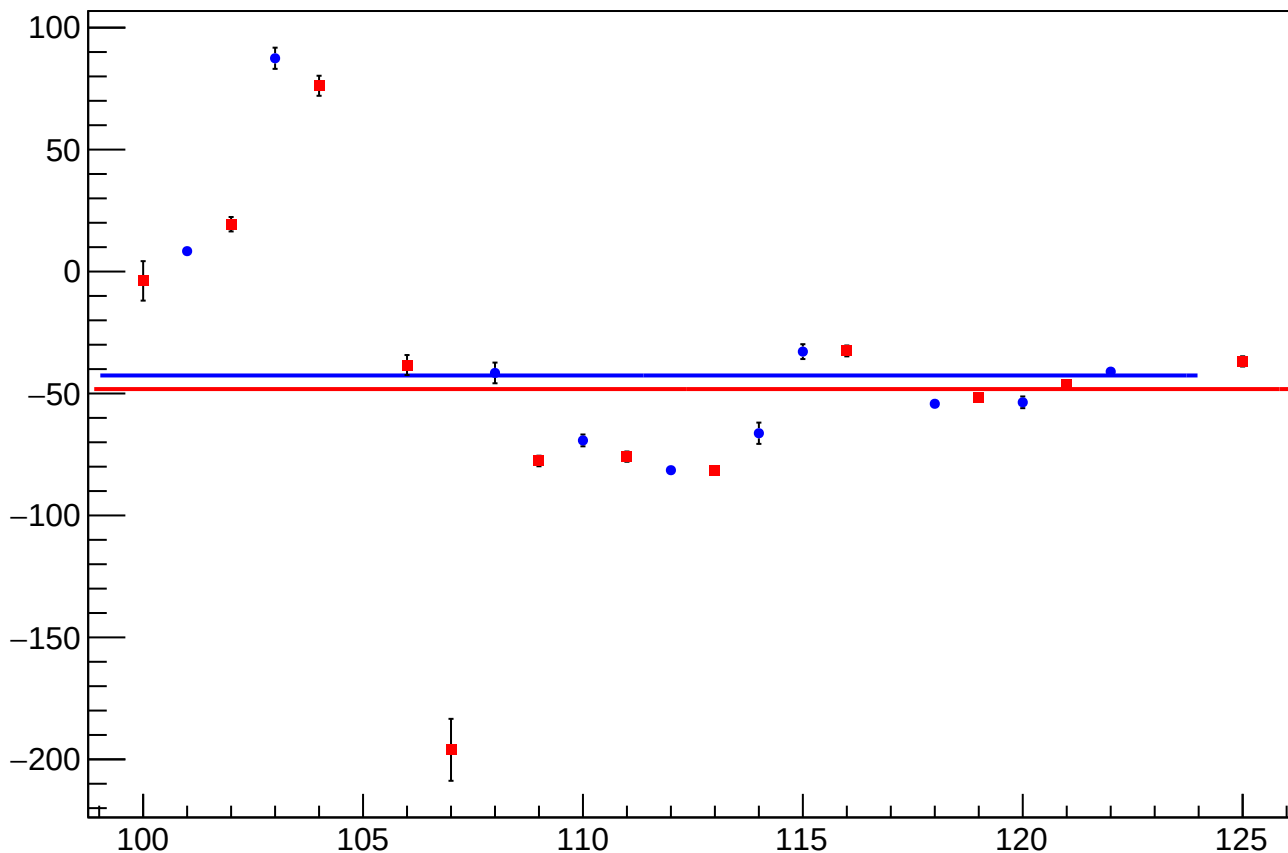
Right: -0.439+/-0.038 χ^2/NDF : 550171.1/22

In: 2.192+/-0.056 χ^2/NDF : 272745.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.439+/-0.038 χ^2/NDF : 550171.1/22

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: -48.186+/-0.719 χ^2/NDF : 2323.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

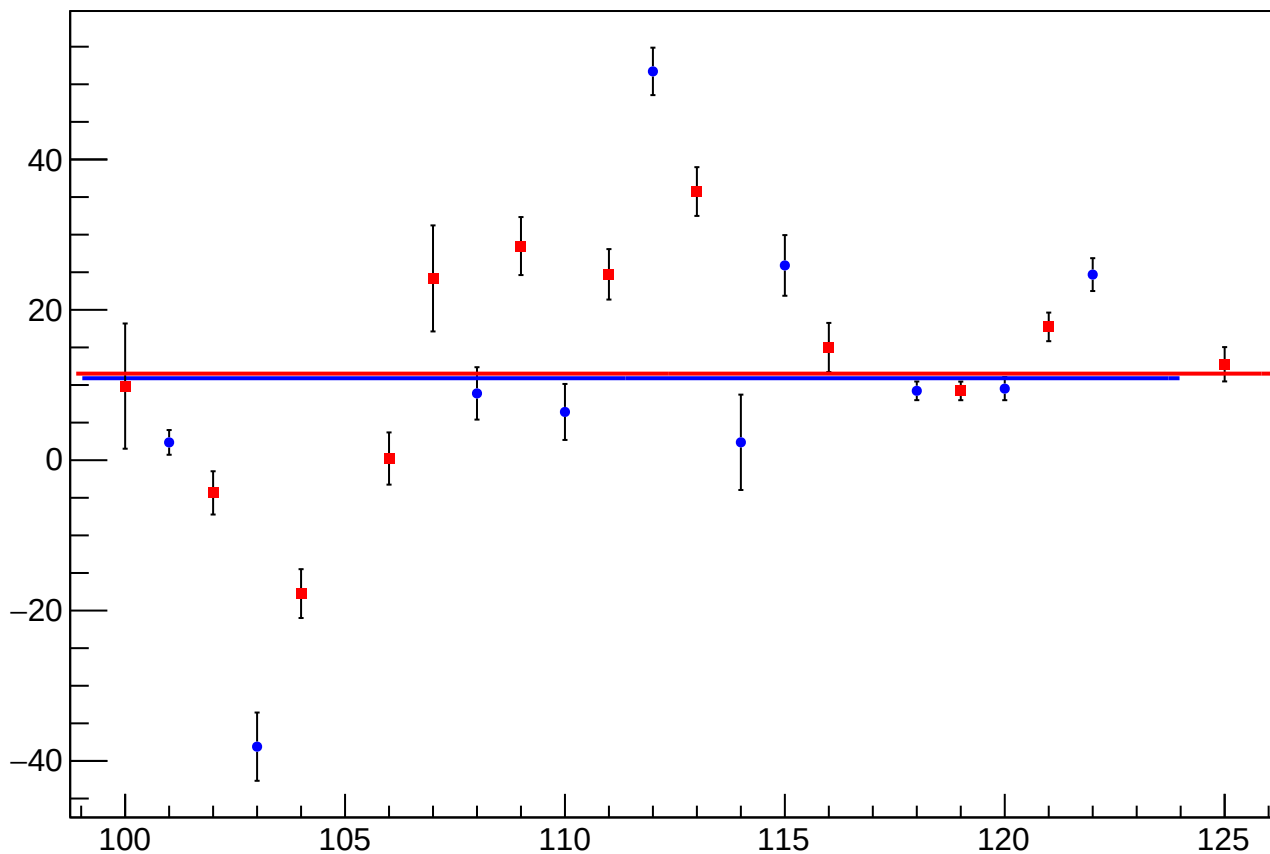
Right: -45.620+/-0.528 χ^2/NDF : 4521.4/21

In: -42.609+/-0.779 χ^2/NDF : 2170.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -45.620+/-0.528 χ^2/NDF : 4521.4/21

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: 11.515+/-0.745 χ^2/NDF : 231.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

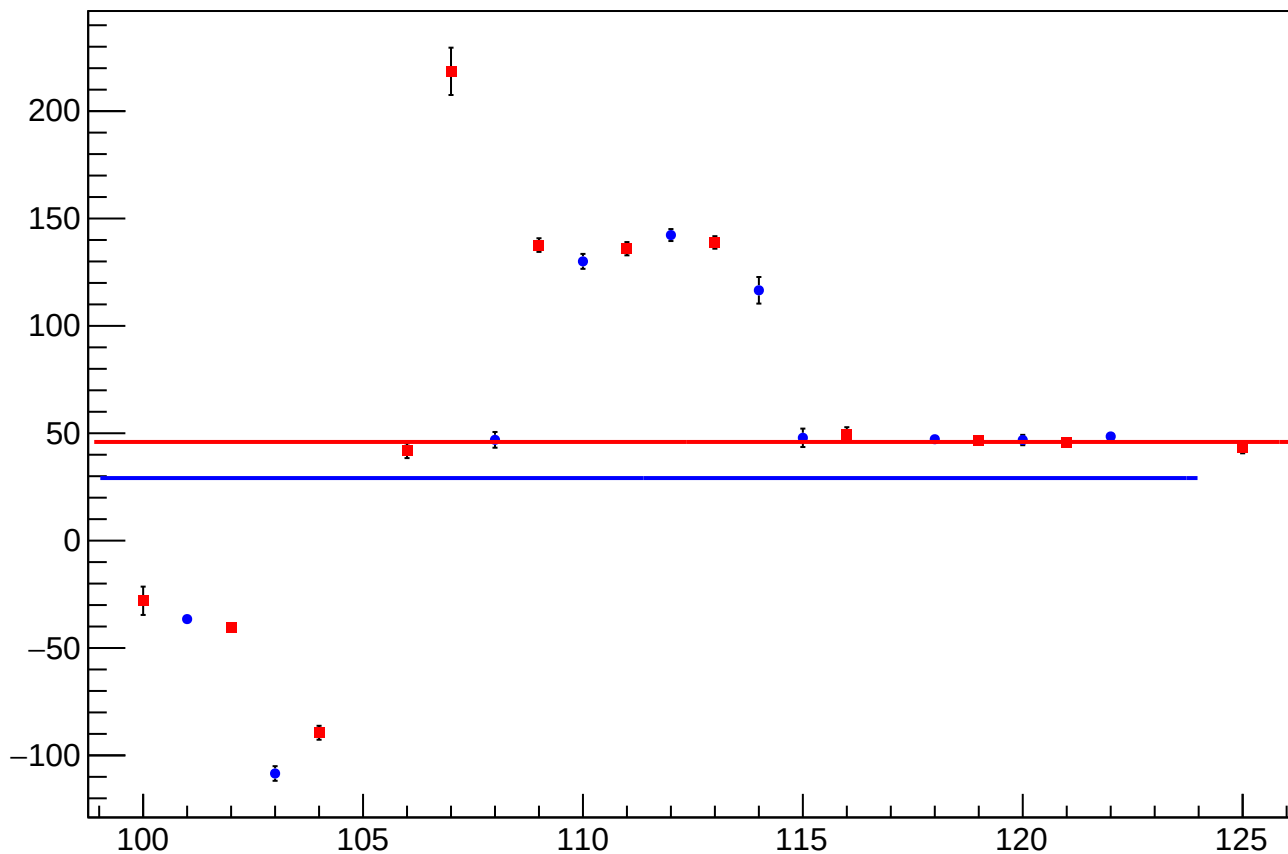
Right: 11.189+/-0.510 χ^2/NDF : 602.5/21

In: 10.902+/-0.700 χ^2/NDF : 370.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.189+/-0.510 χ^2/NDF : 602.5/21

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: 45.951+/-0.823 χ^2/NDF : 6210.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

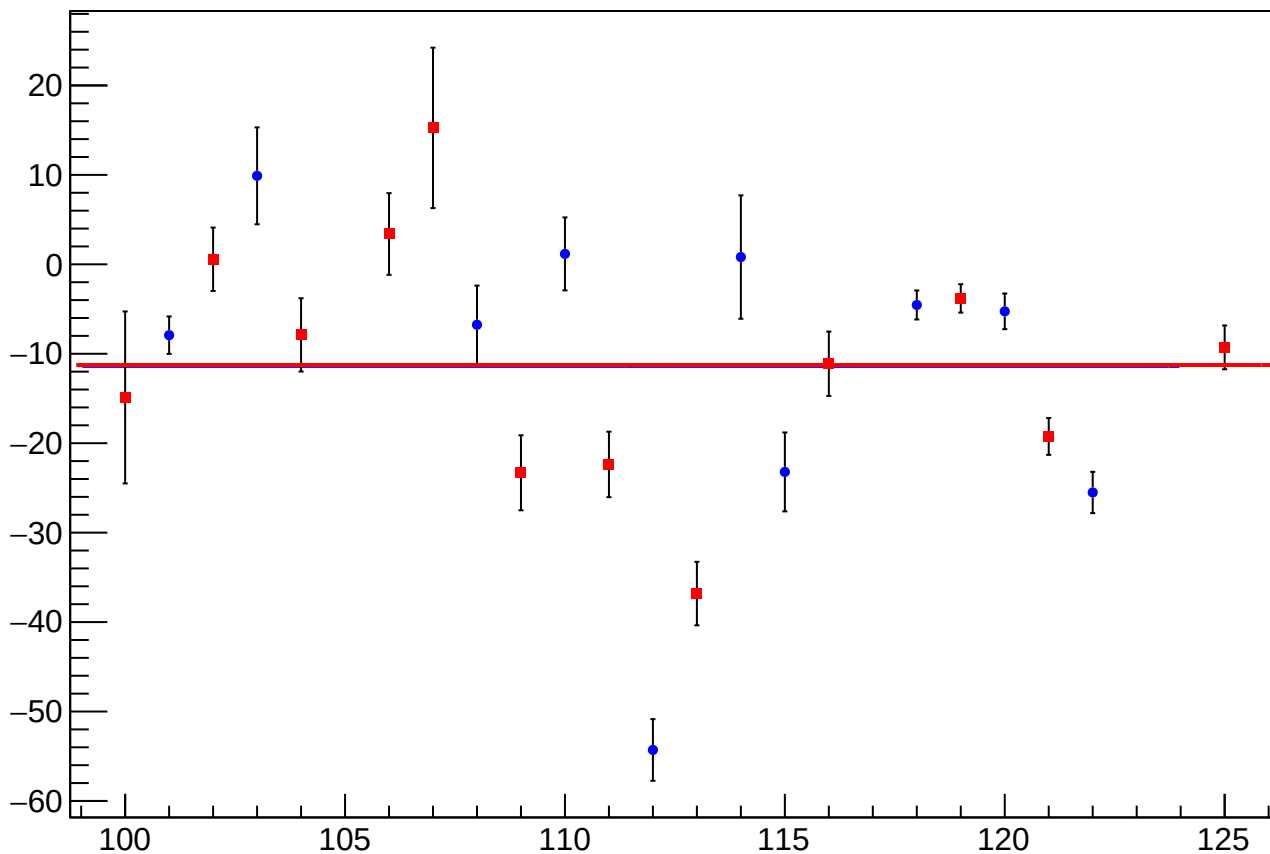
Right: 37.611+/-0.584 χ^2/NDF : 12723.6/21

In: 29.134+/-0.830 χ^2/NDF : 6306.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.611+/-0.584 χ^2/NDF : 12723.6/21

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: -11.257 $\pm$ 0.878 χ^2 /NDF: 138.0/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

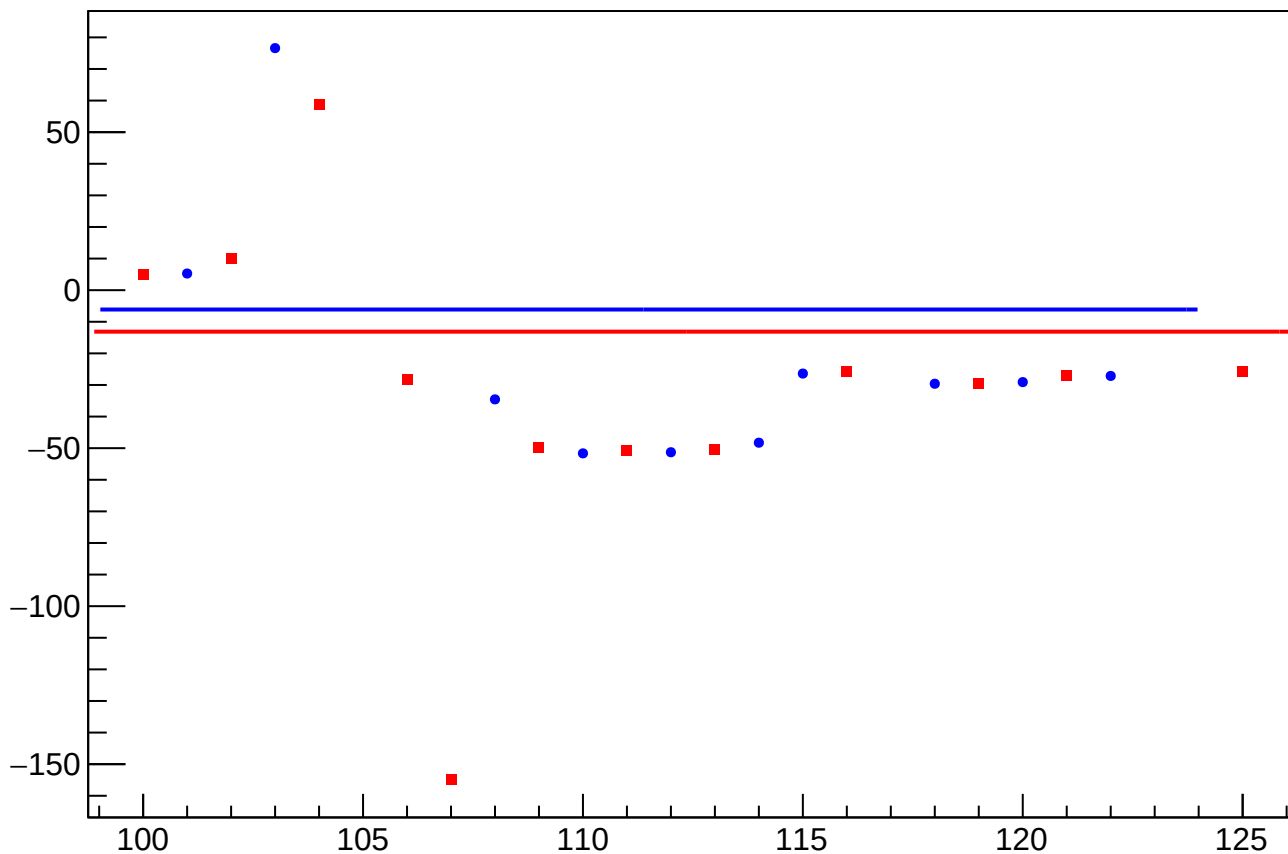
Right: -11.307 $\pm$ 0.615 χ^2 /NDF: 396.6/21

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: -11.307 $\pm$ 0.615 χ^2 /NDF: 396.6/21

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: -13.127+/-0.052 χ^2/NDF : 478235.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

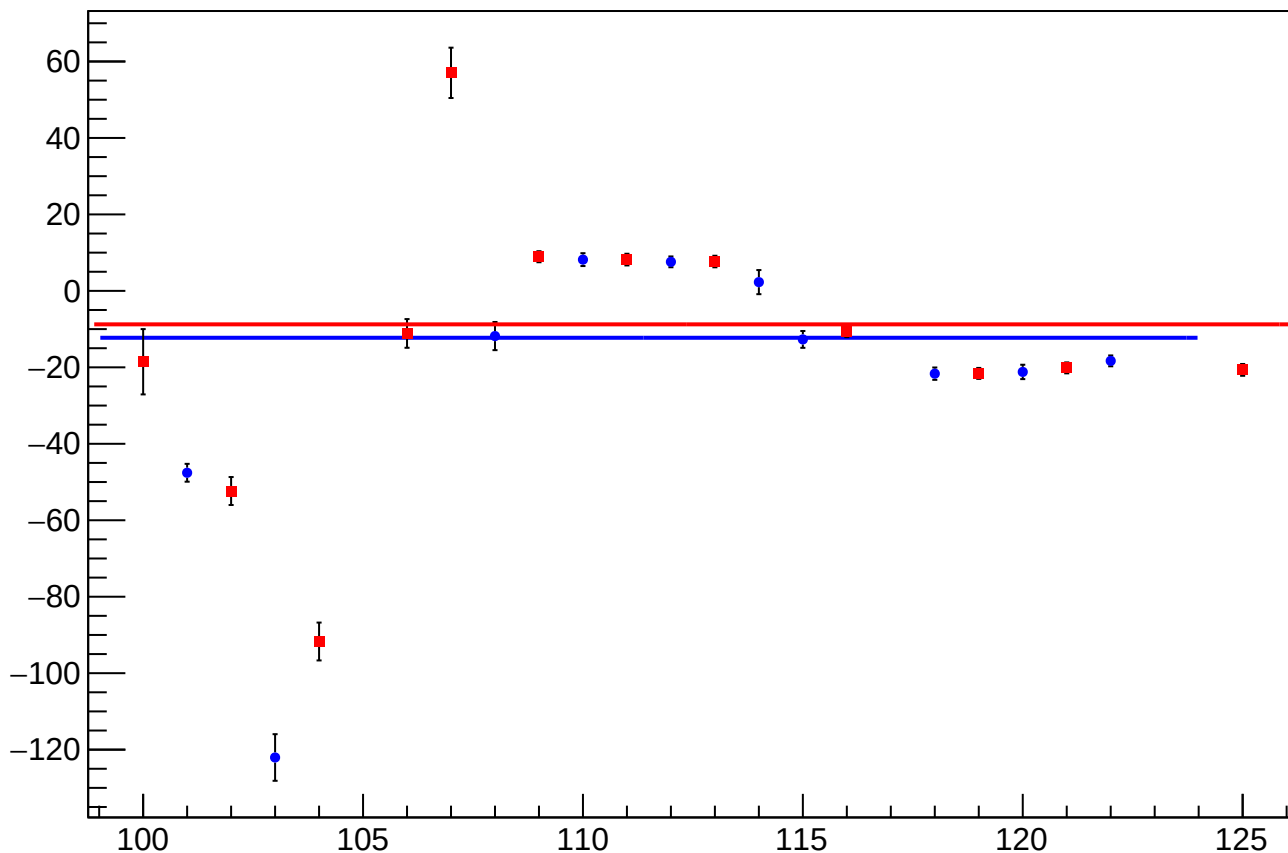
Right: -9.680+/-0.037 χ^2/NDF : 1004884.4/21

In: -6.121+/-0.053 χ^2/NDF : 517811.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.680+/-0.037 χ^2/NDF : 1004884.4/21

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: -8.757+/-0.546 χ^2/NDF : 1120.2/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

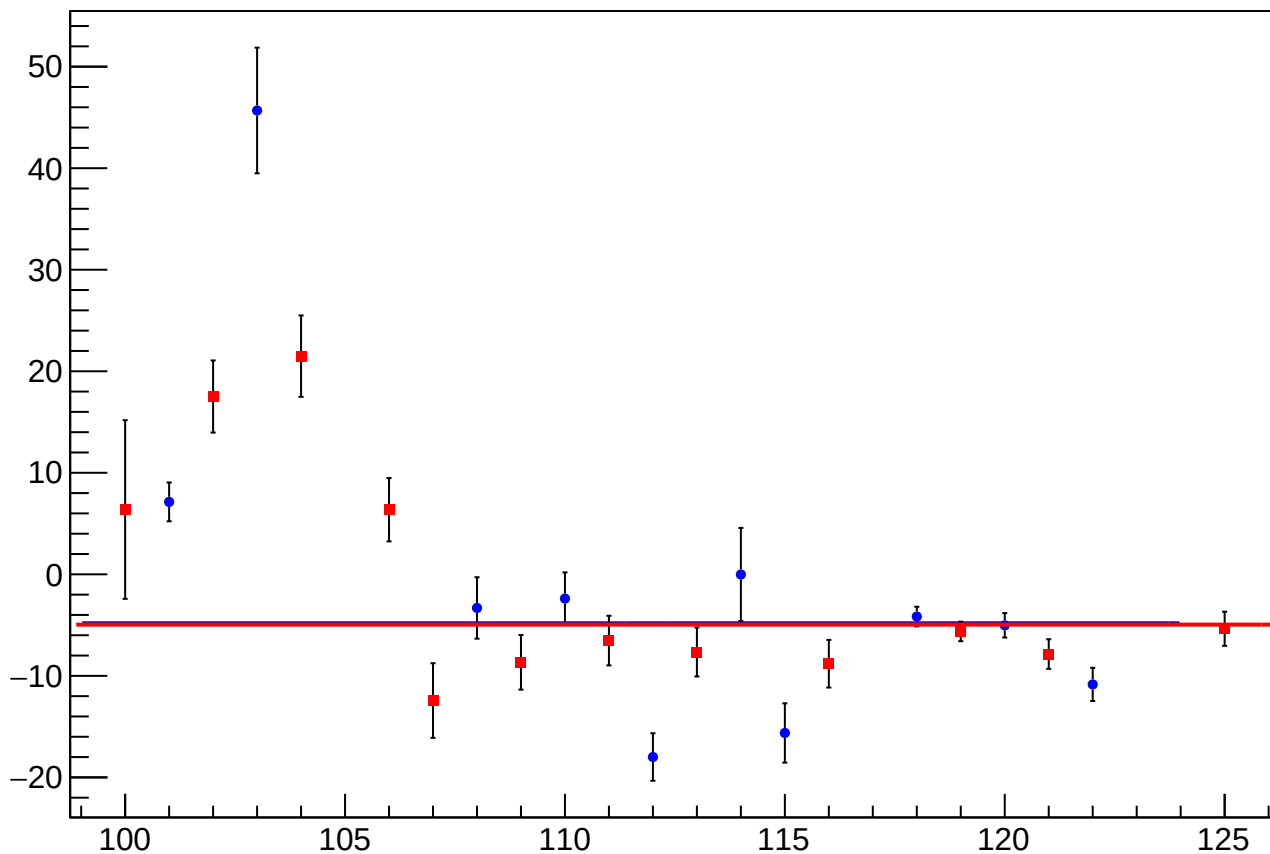
Right: -10.291+/-0.409 χ^2/NDF : 2132.1/21

In: -12.266+/-0.619 χ^2/NDF : 993.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.291+/-0.409 χ^2/NDF : 2132.1/21

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: -4.952+/-0.587 χ^2 /NDF: 113.3/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

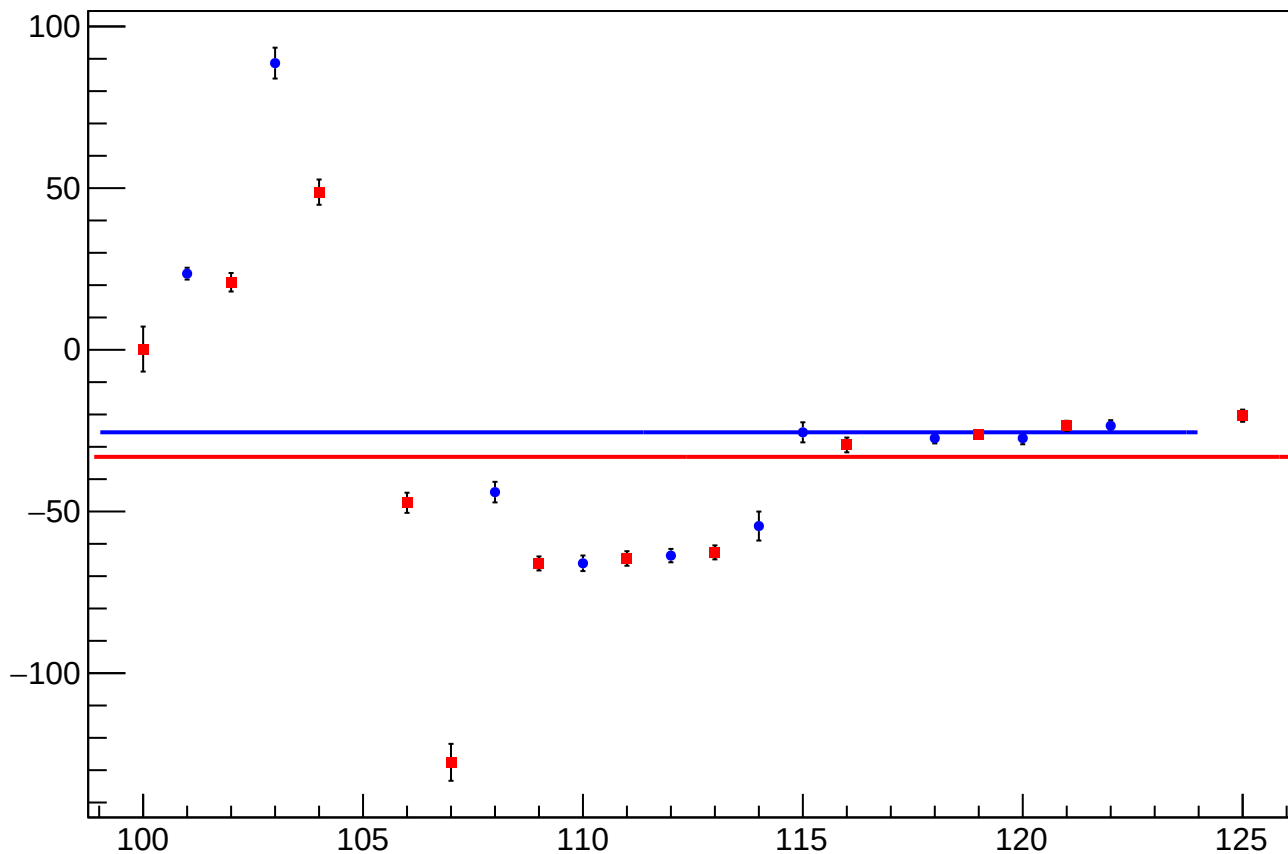
Right: -4.886+/-0.410 χ^2 /NDF: 280.6/21

In: -4.822+/-0.573 χ^2 /NDF:167.4/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -4.886+/-0.410 χ^2 /NDF: 280.6/21

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: -33.102+/-0.660 χ^2/NDF : 1832.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

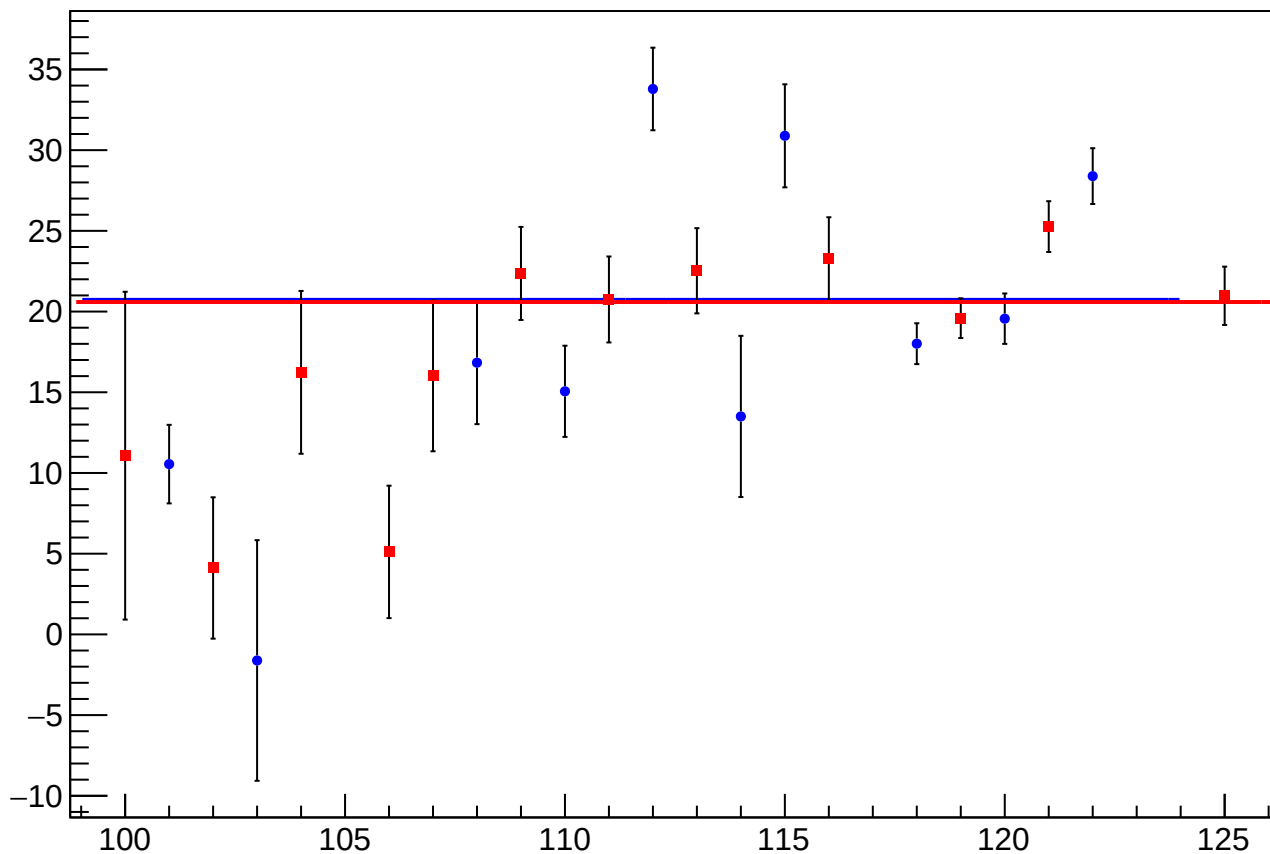
Right: -29.562+/-0.482 χ^2/NDF : 3887.6/21

In: -25.509+/-0.707 χ^2/NDF : 1993.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.562+/-0.482 χ^2/NDF : 3887.6/21

reg_asym_usl_atl1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.724 $\pm$ 0.700 χ^2 /NDF: 94.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.592 $\pm$ 0.685 χ^2 /NDF: 42.5/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

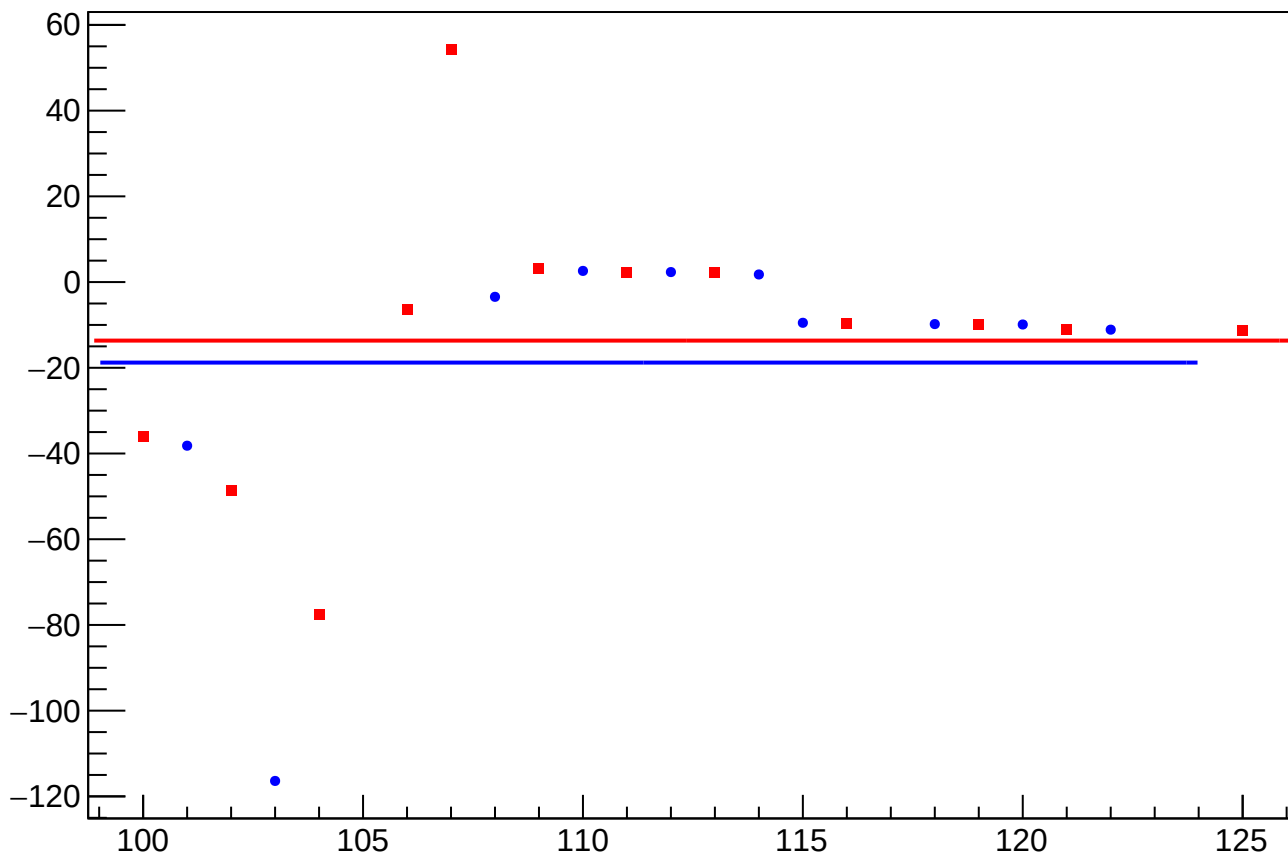
Right: 20.656 $\pm$ 0.490 χ^2 /NDF: 137.2/21

In: 20.724 $\pm$ 0.700 χ^2 /NDF: 94.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.656 $\pm$ 0.490 χ^2 /NDF: 137.2/21

reg_asym_usl_atl1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -18.787 $\pm$ 0.049 χ^2 /NDF: 323295.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -13.656 $\pm$ 0.046 χ^2 /NDF: 310063.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

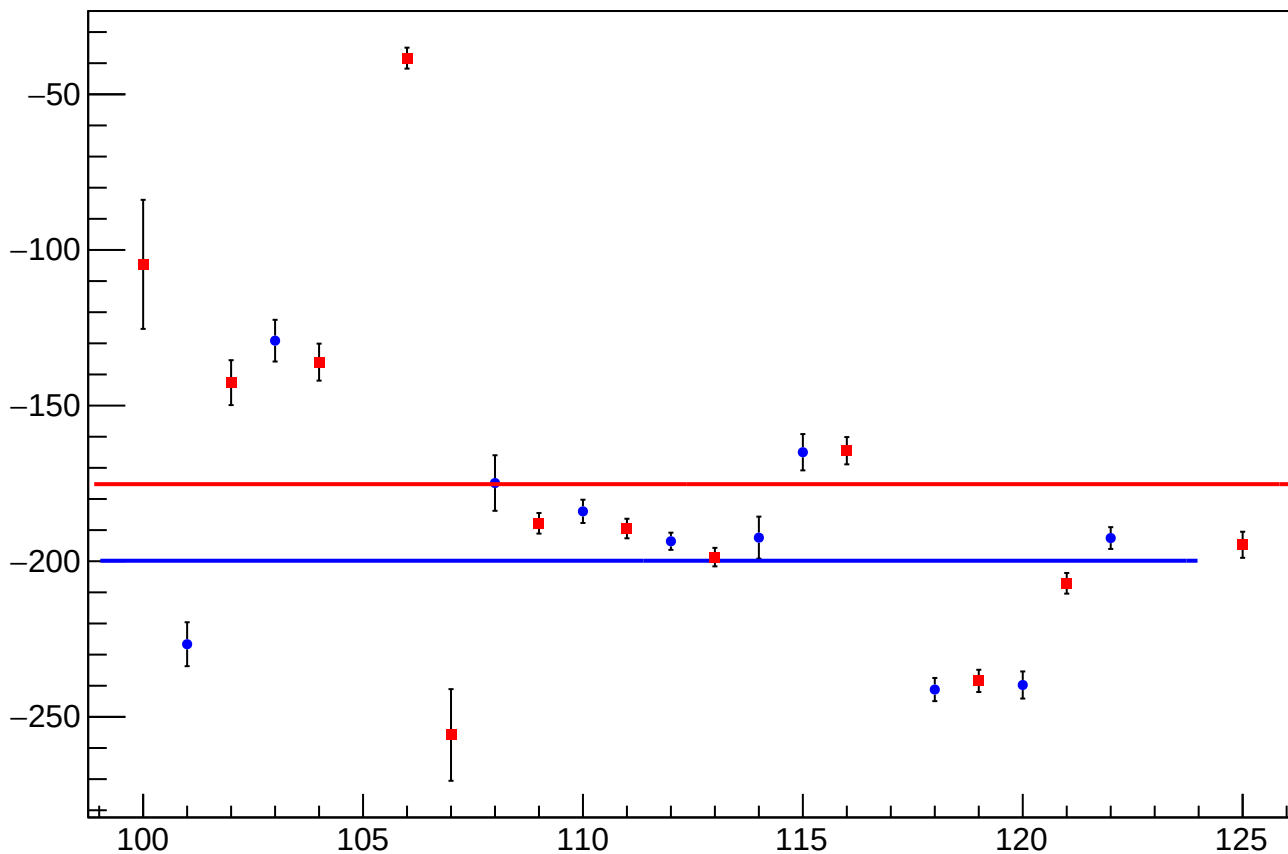
Right: -16.062 $\pm$ 0.033 χ^2 /NDF: 639295.0/21

In: -18.787 $\pm$ 0.049 χ^2 /NDF:323295.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -16.062 $\pm$ 0.033 χ^2 /NDF: 639295.0/21

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: -175.240+/-1.173 χ^2 /NDF: 2290.1/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

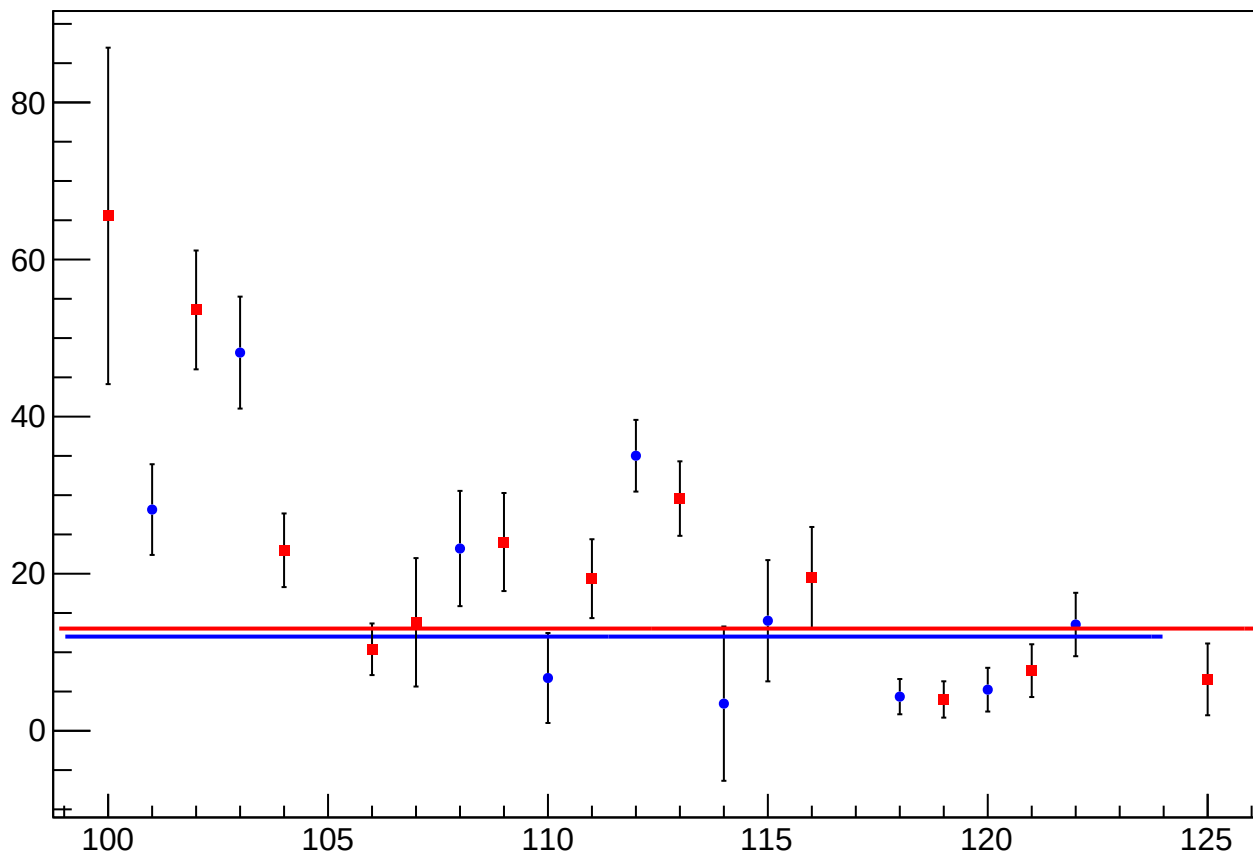
Right: -185.455+/-0.897 χ^2 /NDF: 2878.2/21

In: -199.838+/-1.392 χ^2 /NDF:405.6/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -185.455+/-0.897 χ^2 /NDF: 2878.2/21

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: 13.017+/-1.260 χ^2/NDF : 77.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

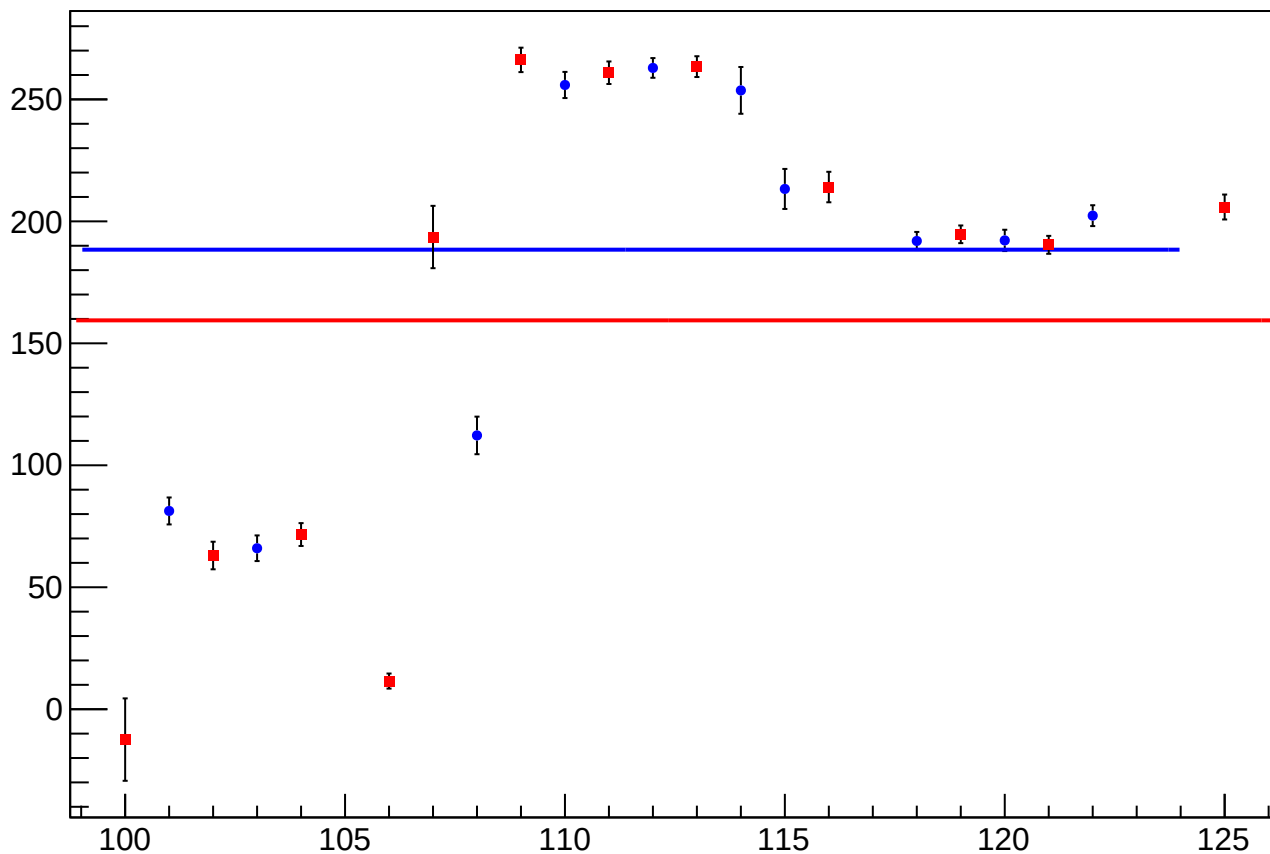
Right: 12.535+/-0.916 χ^2/NDF : 158.6/21

In: 11.996+/-1.333 χ^2/NDF : 80.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.535+/-0.916 χ^2/NDF : 158.6/21

reg_asym_usl_atl2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 188.391+/-1.607 χ^2/NDF : 1582.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 159.414+/-1.352 χ^2/NDF : 4904.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

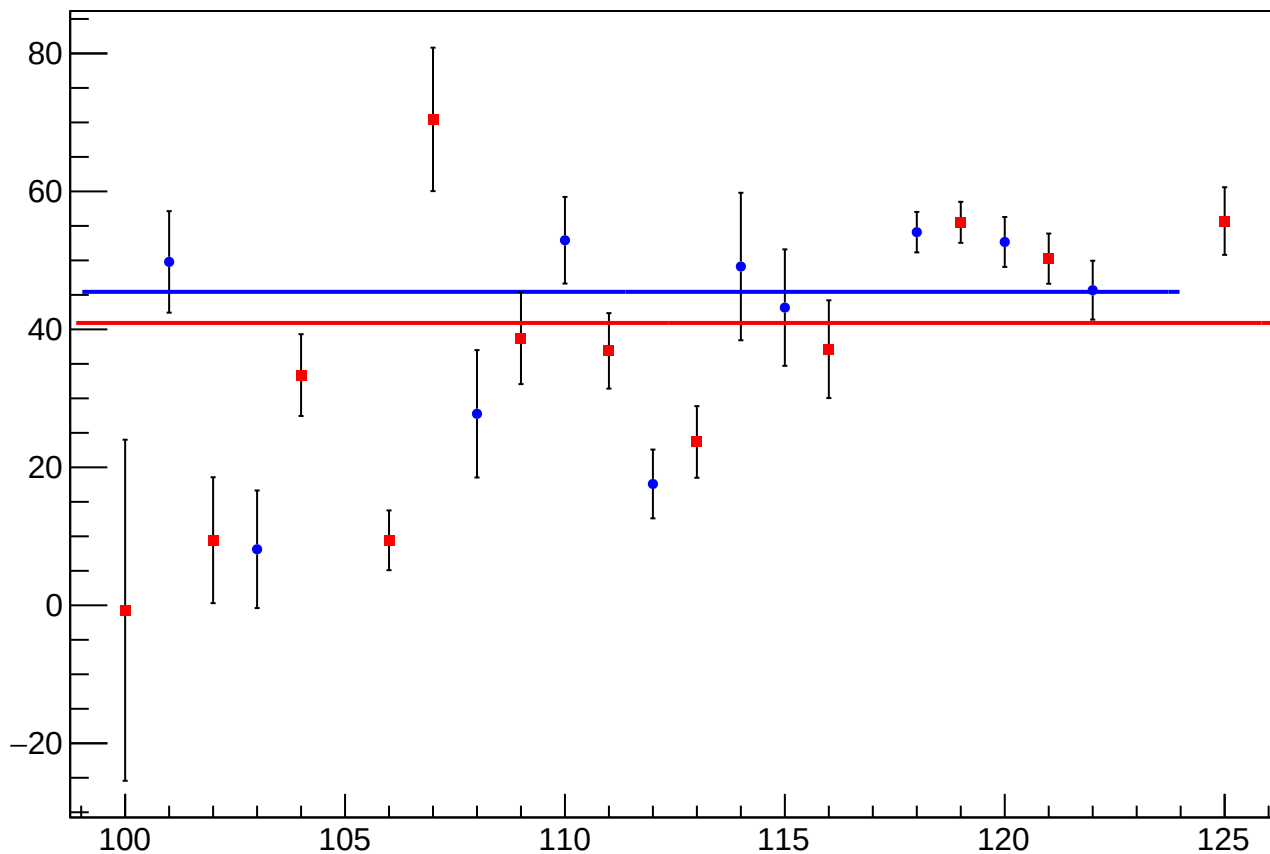
Right: 171.423+/-1.034 χ^2/NDF : 6677.7/21

In: 188.391+/-1.607 χ^2/NDF : 1582.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.423+/-1.034 χ^2/NDF : 6677.7/21

reg_asym_usl_atl2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.442 $\pm$ 1.622 χ^2 /NDF: 68.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 40.933 $\pm$ 1.495 χ^2 /NDF: 129.0/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

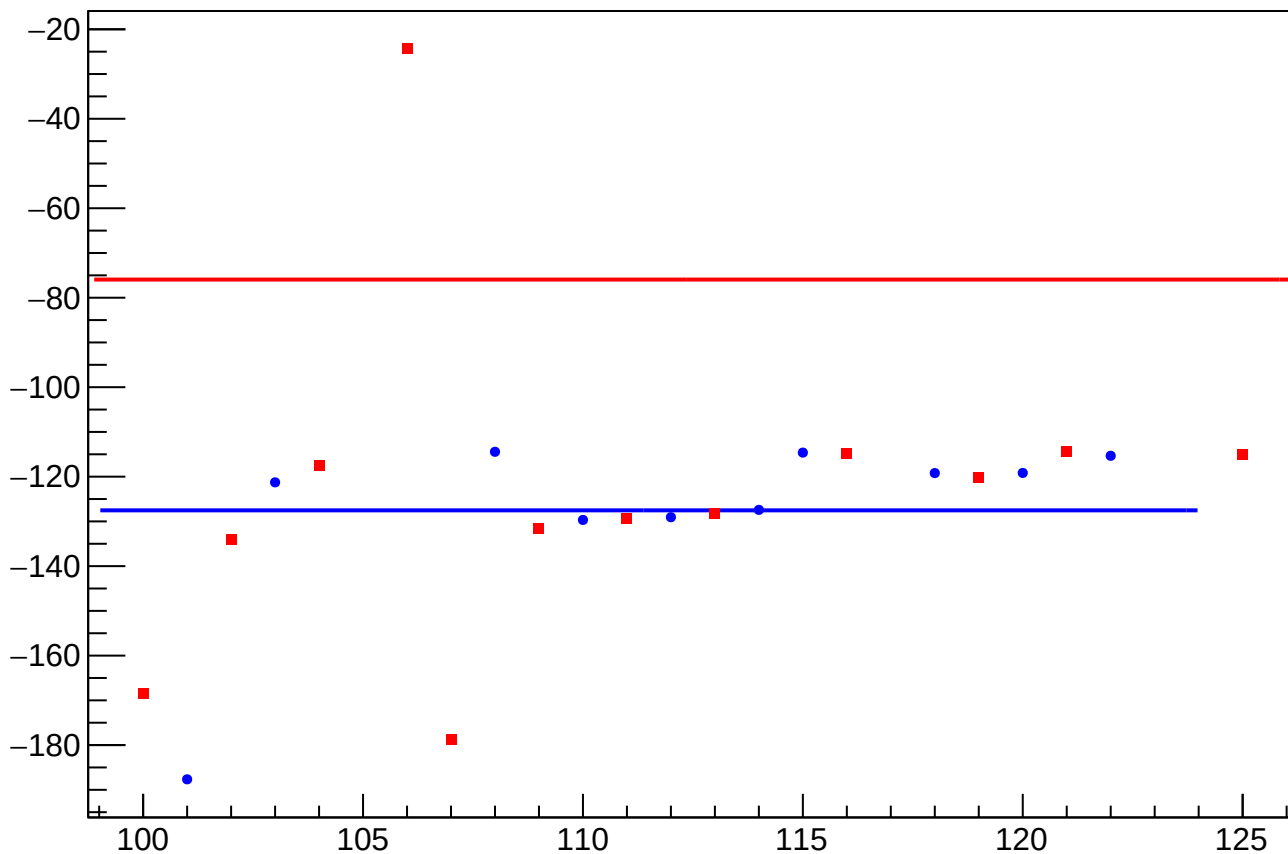
Right: 43.003 $\pm$ 1.099 χ^2 /NDF: 201.9/21

In: 45.442 $\pm$ 1.622 χ^2 /NDF:68.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 43.003 $\pm$ 1.099 χ^2 /NDF: 201.9/21

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: -75.940+/-0.072 χ^2/NDF : 523868.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

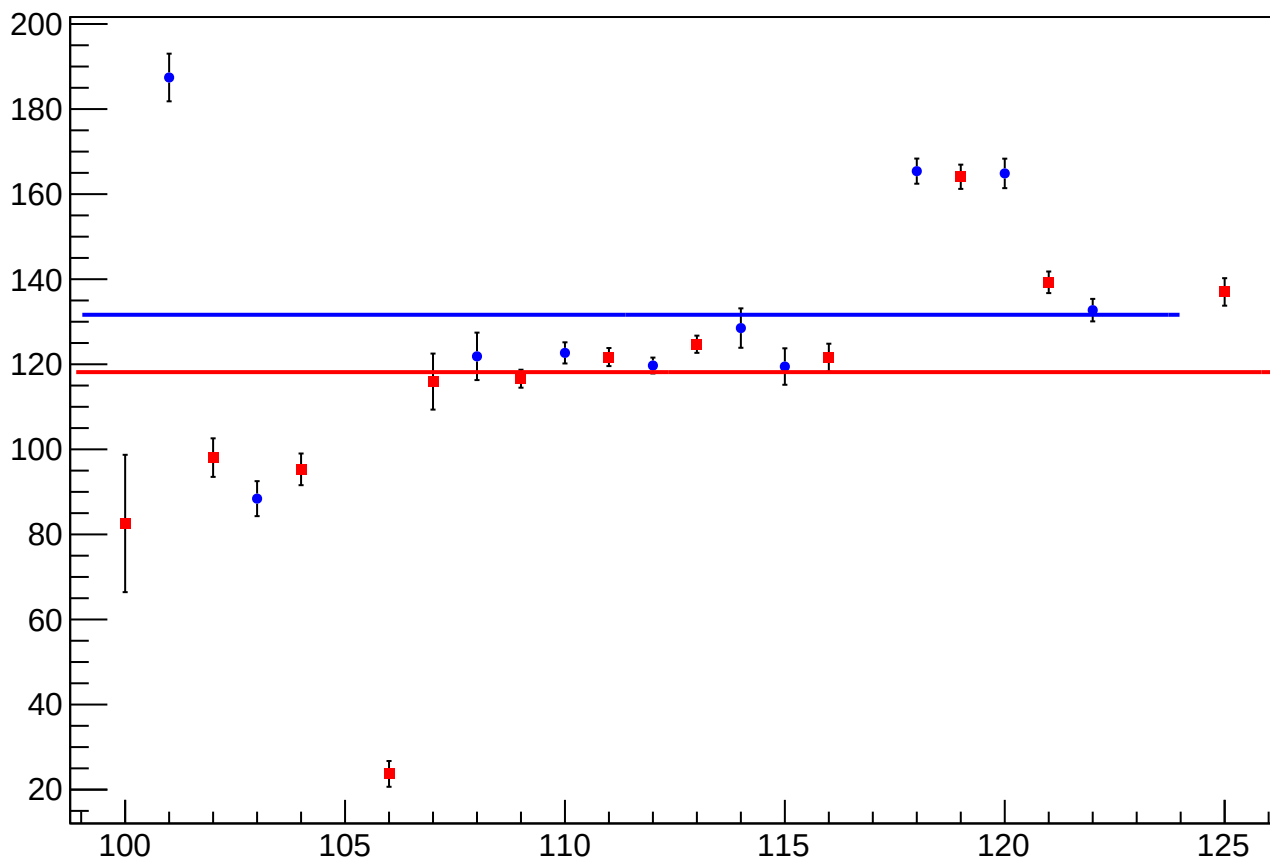
Right: -92.110+/-0.059 χ^2/NDF : 725585.6/21

In: -127.528+/-0.106 χ^2/NDF : 39027.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -92.110+/-0.059 χ^2/NDF : 725585.6/21

reg_asym_usl_atl2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 131.638 ± 0.993 χ^2/NDF : 497.7/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 118.156 ± 0.841 χ^2/NDF : 1410.2/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

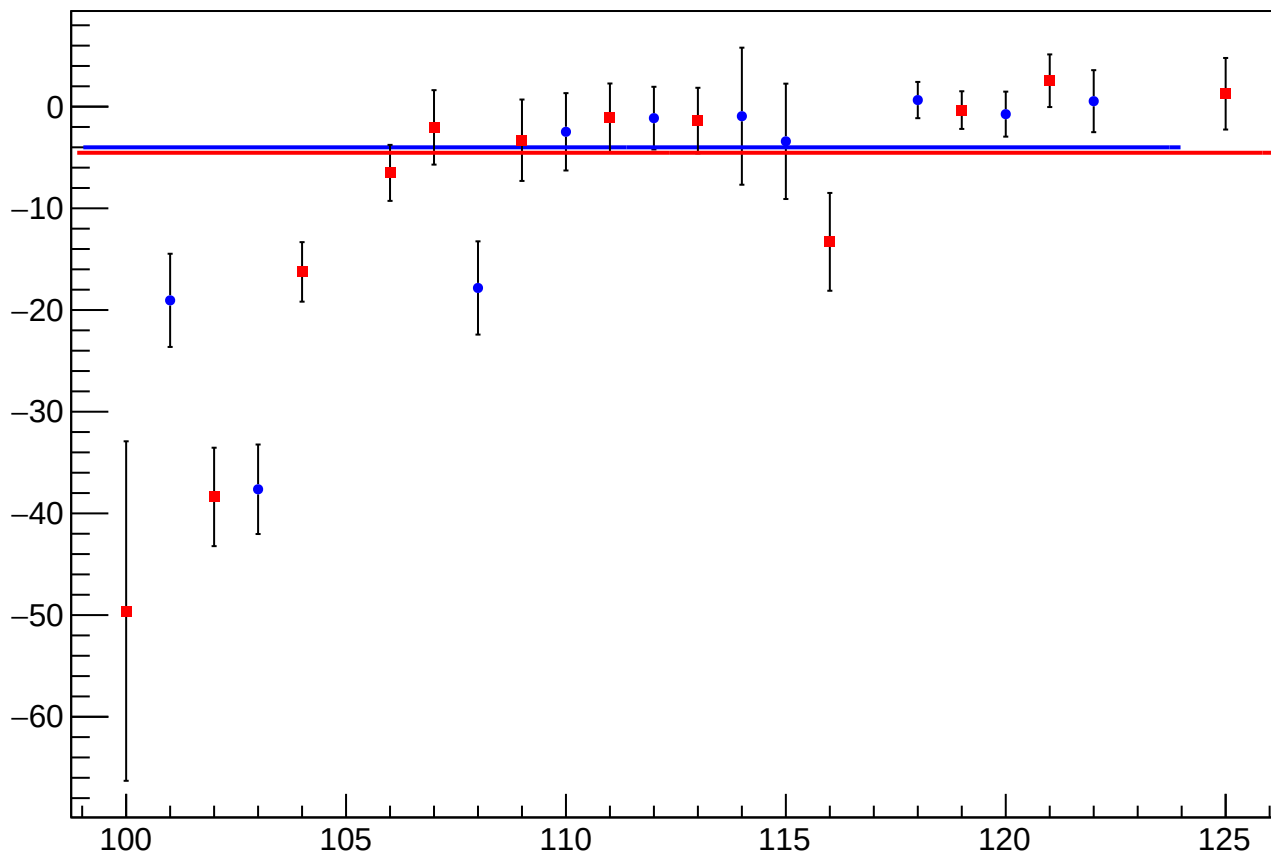
Right: 123.790 ± 0.642 χ^2/NDF : 2015.2/21

In: 131.638 ± 0.993 χ^2/NDF : 497.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 123.790 ± 0.642 χ^2/NDF : 2015.2/21

reg_asym_usl_atl2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.001+/-1.000 χ^2/NDF : 90.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.536+/-0.921 χ^2/NDF : 93.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

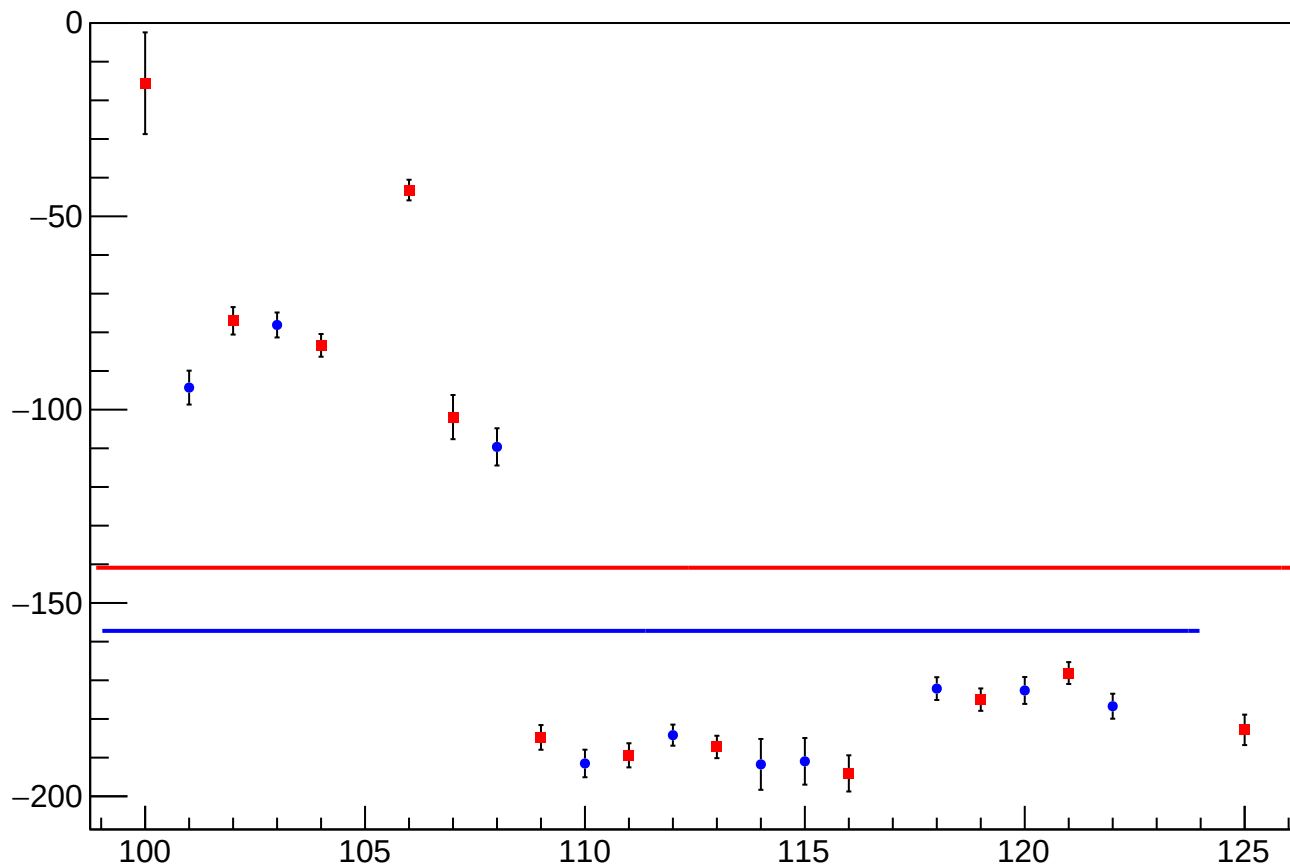
Right: -4.290+/-0.677 χ^2/NDF : 184.8/21

In: -4.001+/-1.000 χ^2/NDF : 90.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.290+/-0.677 χ^2/NDF : 184.8/21

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: -140.885+/-0.978 χ^2 /NDF: 3348.5/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

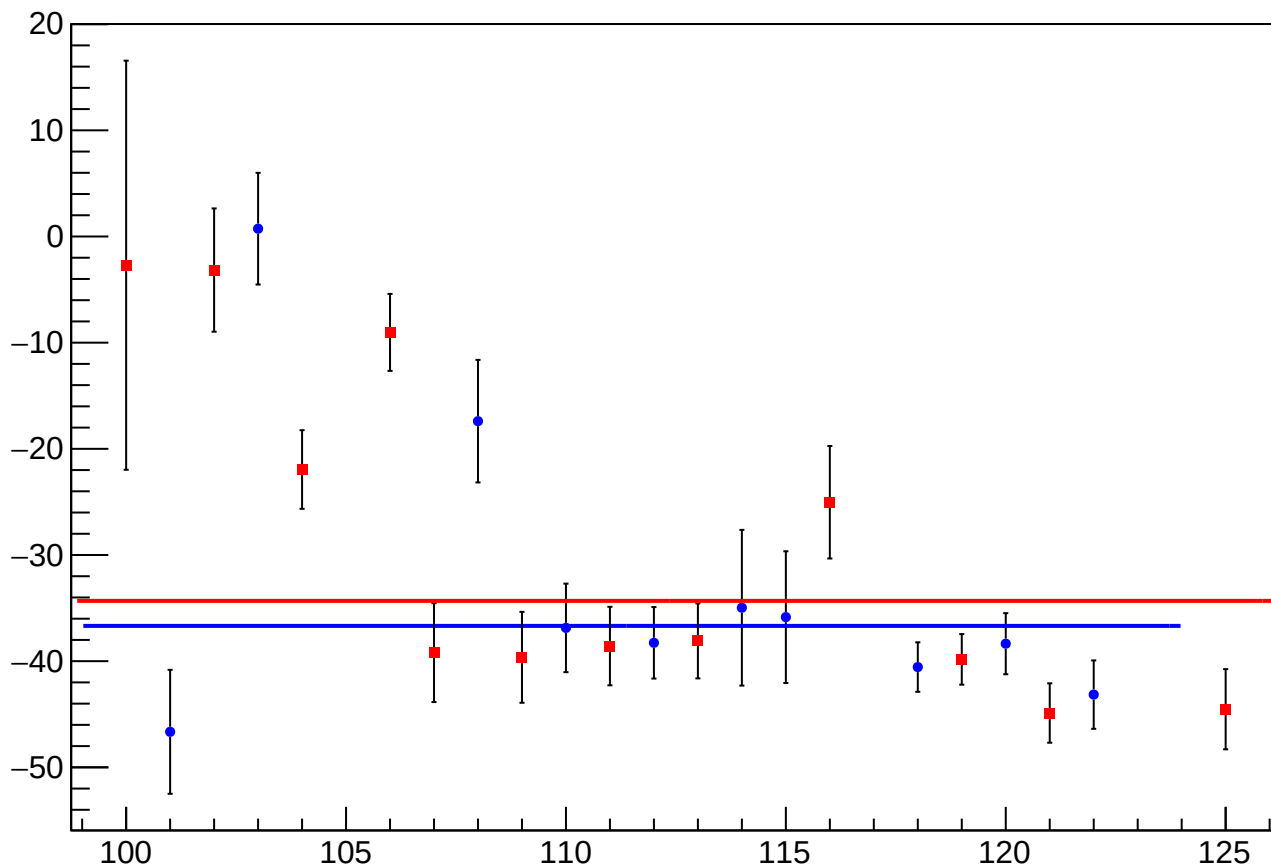
Right: -147.695+/-0.746 χ^2 /NDF: 4700.0/21

In: -157.214+/-1.156 χ^2 /NDF:1235.1/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -147.695+/-0.746 χ^2 /NDF: 4700.0/21

reg_asym_usl_atl2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -36.677 $\pm$ 1.207 χ^2 /NDF: 72.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -34.319 $\pm$ 1.088 χ^2 /NDF: 126.4/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

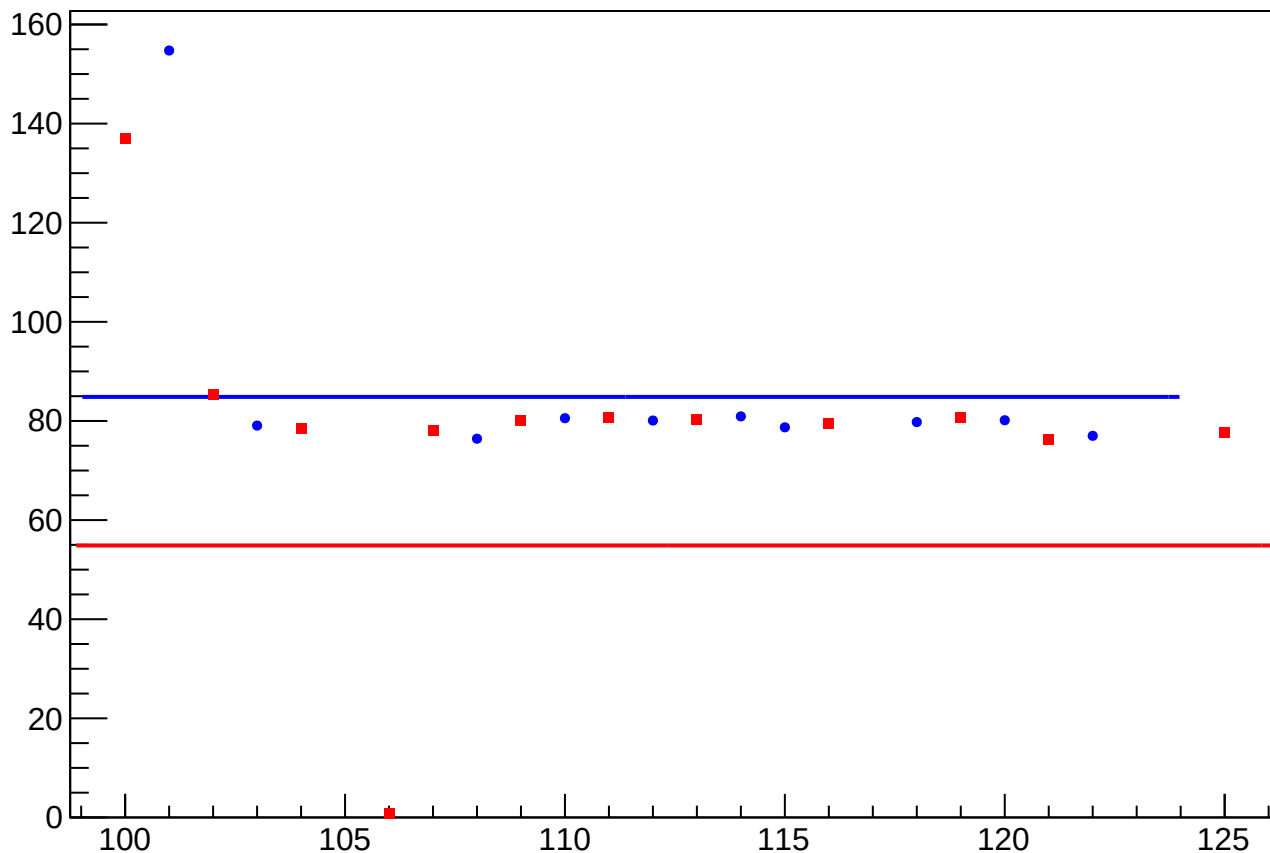
Right: -35.376 $\pm$ 0.808 χ^2 /NDF: 200.6/21

In: -36.677 $\pm$ 1.207 χ^2 /NDF:72.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -35.376 $\pm$ 0.808 χ^2 /NDF: 200.6/21

reg_asym_usl_atl2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 84.856 $\pm$ 0.073 χ^2/NDF : 77605.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 54.884 $\pm$ 0.055 χ^2/NDF : 473429.0/11

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

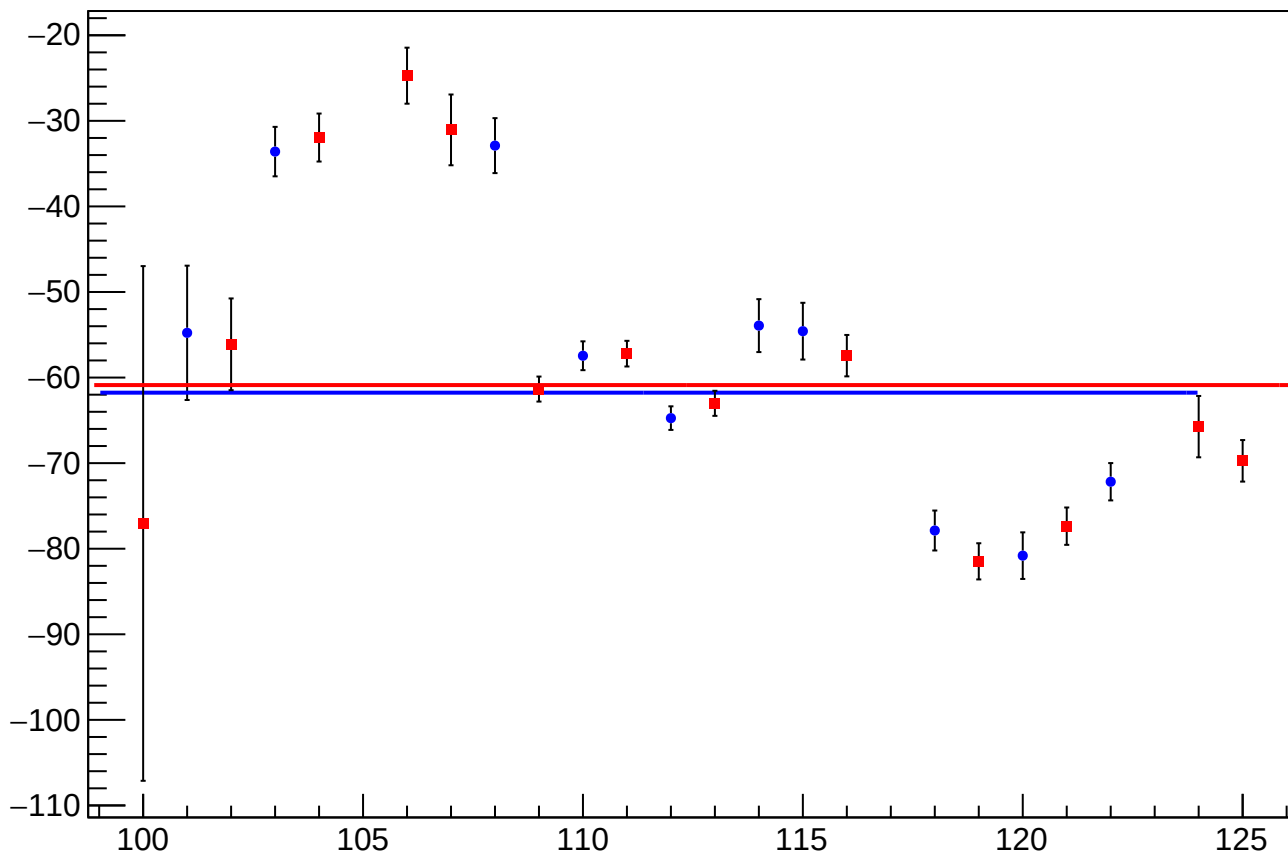
Right: 65.635 $\pm$ 0.044 χ^2/NDF : 657927.7/21

In: 84.856 $\pm$ 0.073 χ^2/NDF : 77605.2/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 65.635 $\pm$ 0.044 χ^2/NDF : 657927.7/21

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: -60.877+/-0.627 χ^2/NDF : 458.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

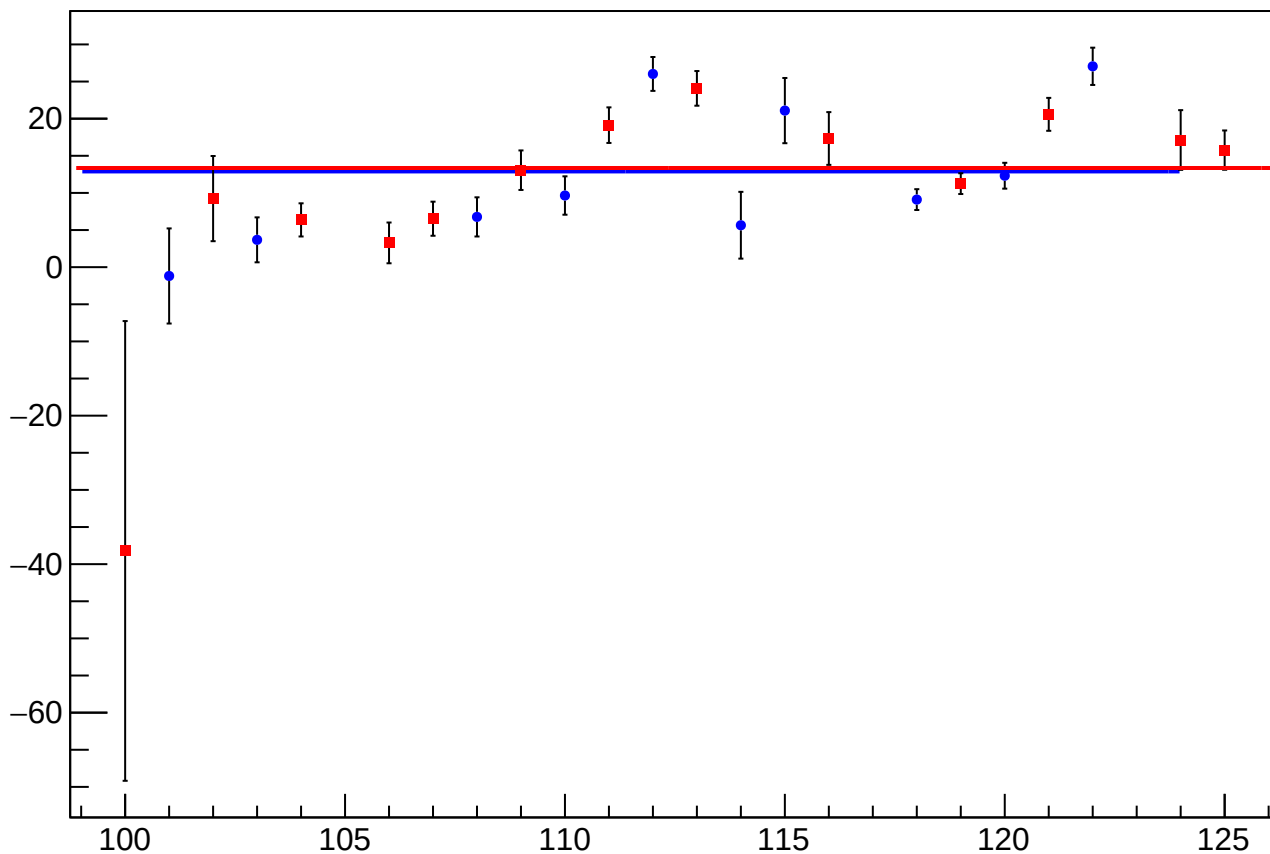
Right: -61.249+/-0.478 χ^2/NDF : 778.1/22

In: -61.765+/-0.738 χ^2/NDF :318.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -61.249+/-0.478 χ^2/NDF : 778.1/22

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: 13.356+/-0.698 χ^2/NDF : 78.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

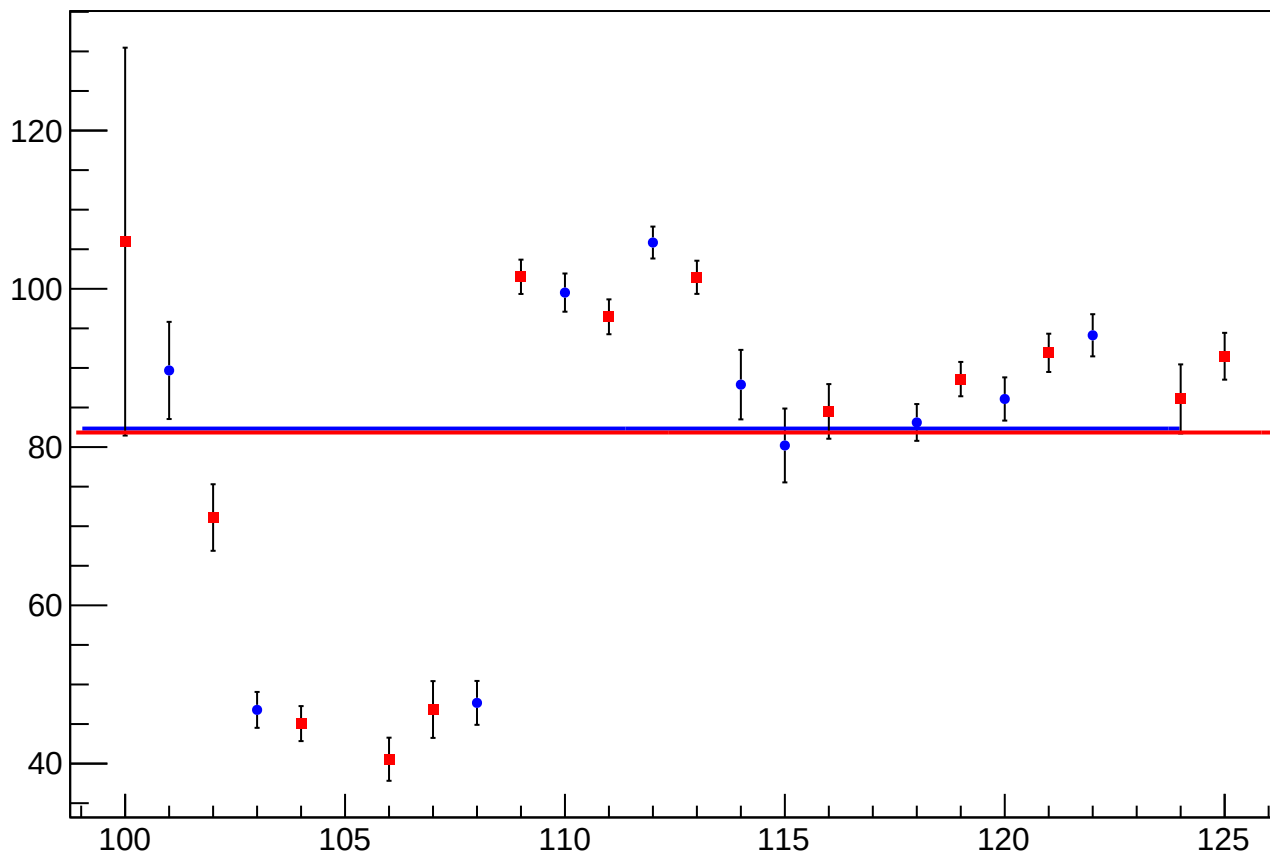
Right: 13.145+/-0.515 χ^2/NDF : 177.9/22

In: 12.893+/-0.763 χ^2/NDF : 99.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.145+/-0.515 χ^2/NDF : 177.9/22

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: 81.841+/-0.755 χ^2/NDF : 861.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

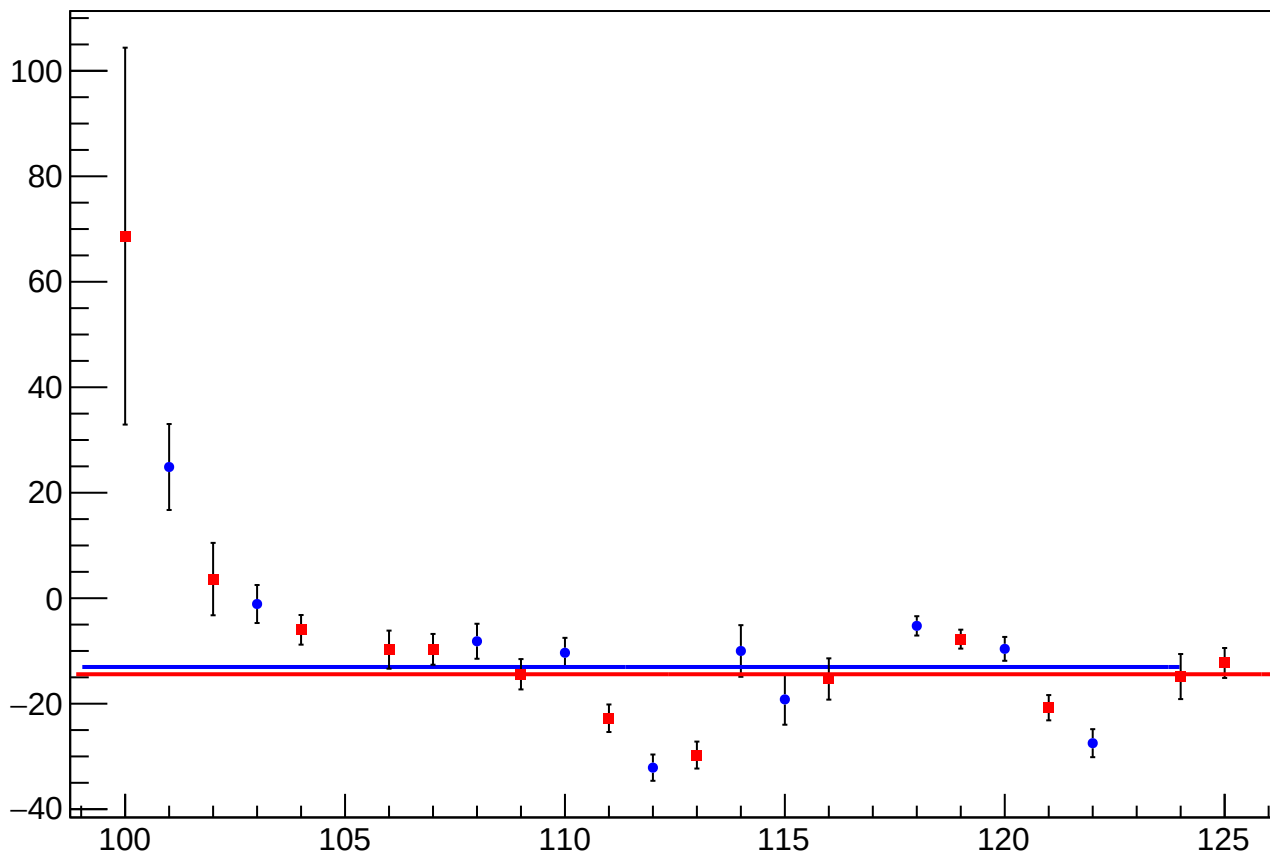
Right: 82.055+/-0.570 χ^2/NDF : 1475.1/22

In: 82.339+/-0.868 χ^2/NDF : 613.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.055+/-0.570 χ^2/NDF : 1475.1/22

reg_asym_usr_atr1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -13.039+/-0.917 χ^2/NDF : 146.4/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.416+/-0.819 χ^2/NDF : 93.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

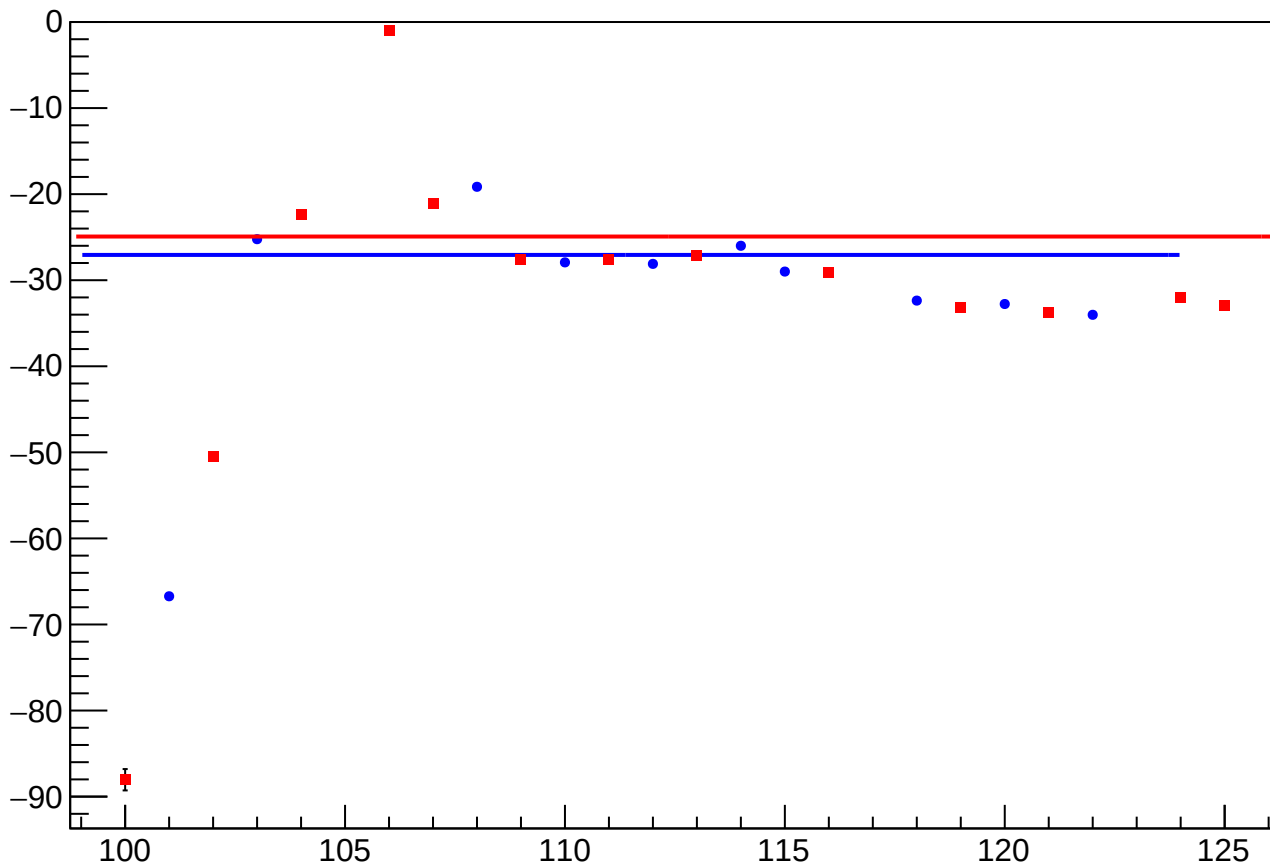
Right: -13.806+/-0.611 χ^2/NDF : 240.8/22

In: -13.039+/-0.917 χ^2/NDF : 146.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.806+/-0.611 χ^2/NDF : 240.8/22

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: -24.925+/-0.047 χ^2/NDF : 66856.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

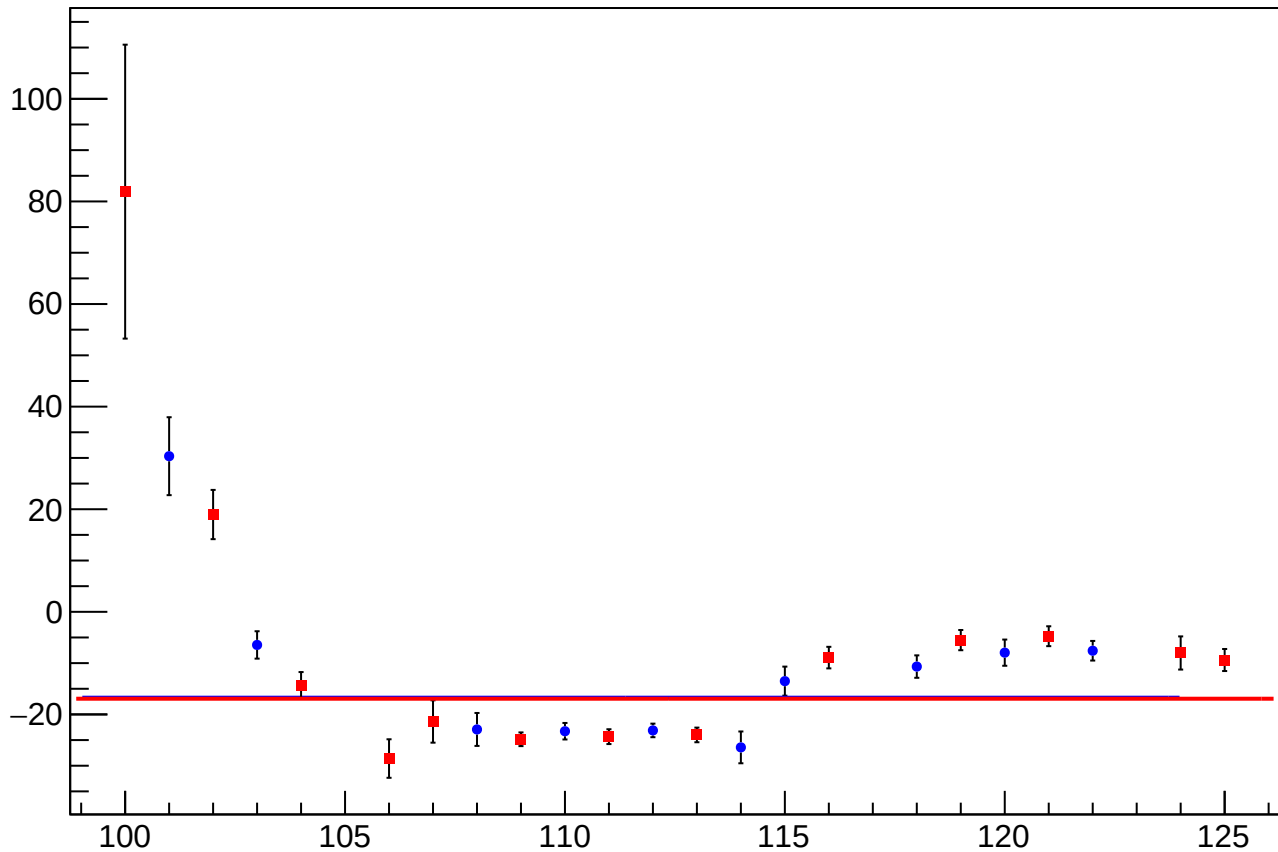
Right: -25.869+/-0.035 χ^2/NDF : 87802.5/22

In: -27.061+/-0.053 χ^2/NDF : 20040.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.869+/-0.035 χ^2/NDF : 87802.5/22

reg_asym_usr_atr1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -16.739+/-0.694 χ^2/NDF : 150.2/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.939+/-0.586 χ^2/NDF : 273.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

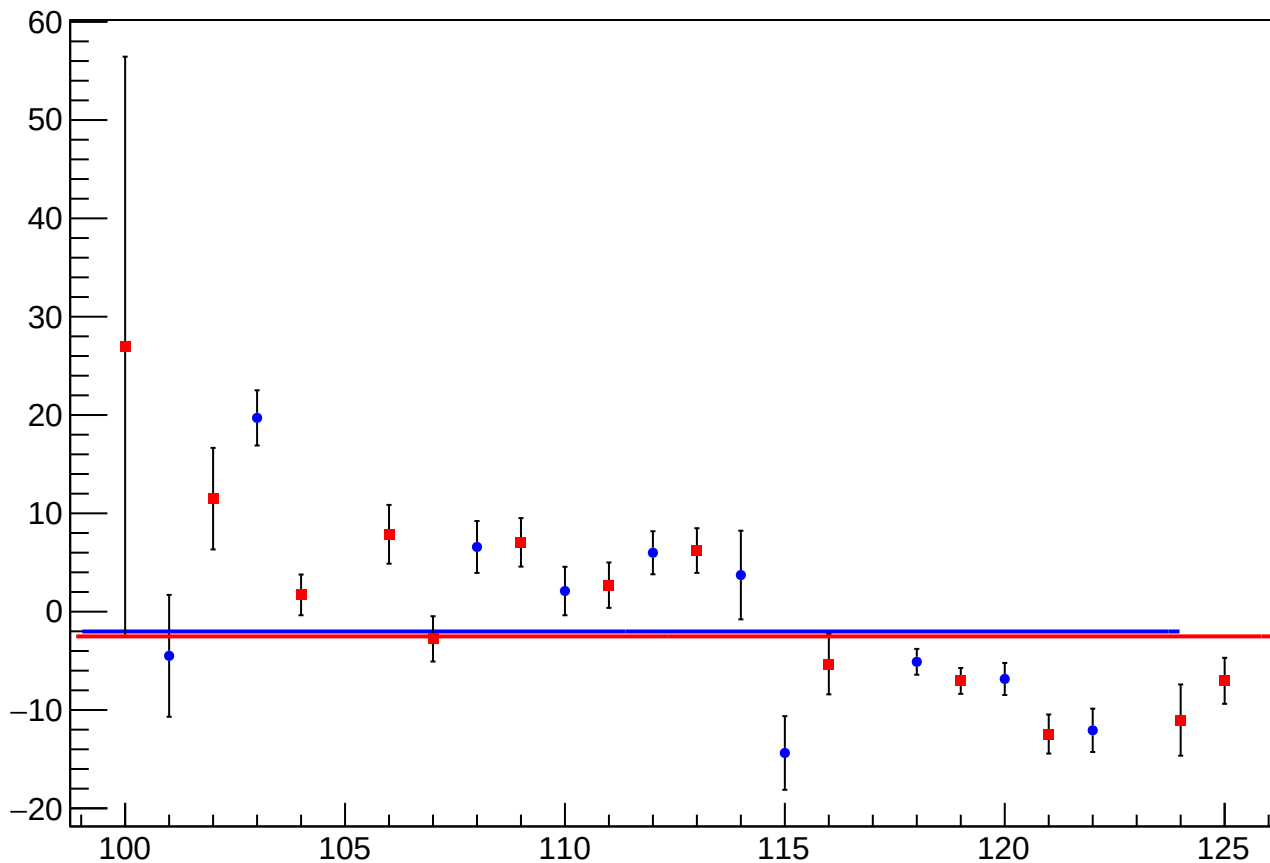
Right: -16.855+/-0.448 χ^2/NDF : 423.3/22

In: -16.739+/-0.694 χ^2/NDF : 150.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.855+/-0.448 χ^2/NDF : 423.3/22

reg_asym_usr_atr1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.017+/-0.716 χ^2 /NDF: 134.4/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2.516+/-0.658 χ^2 /NDF: 106.3/12

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

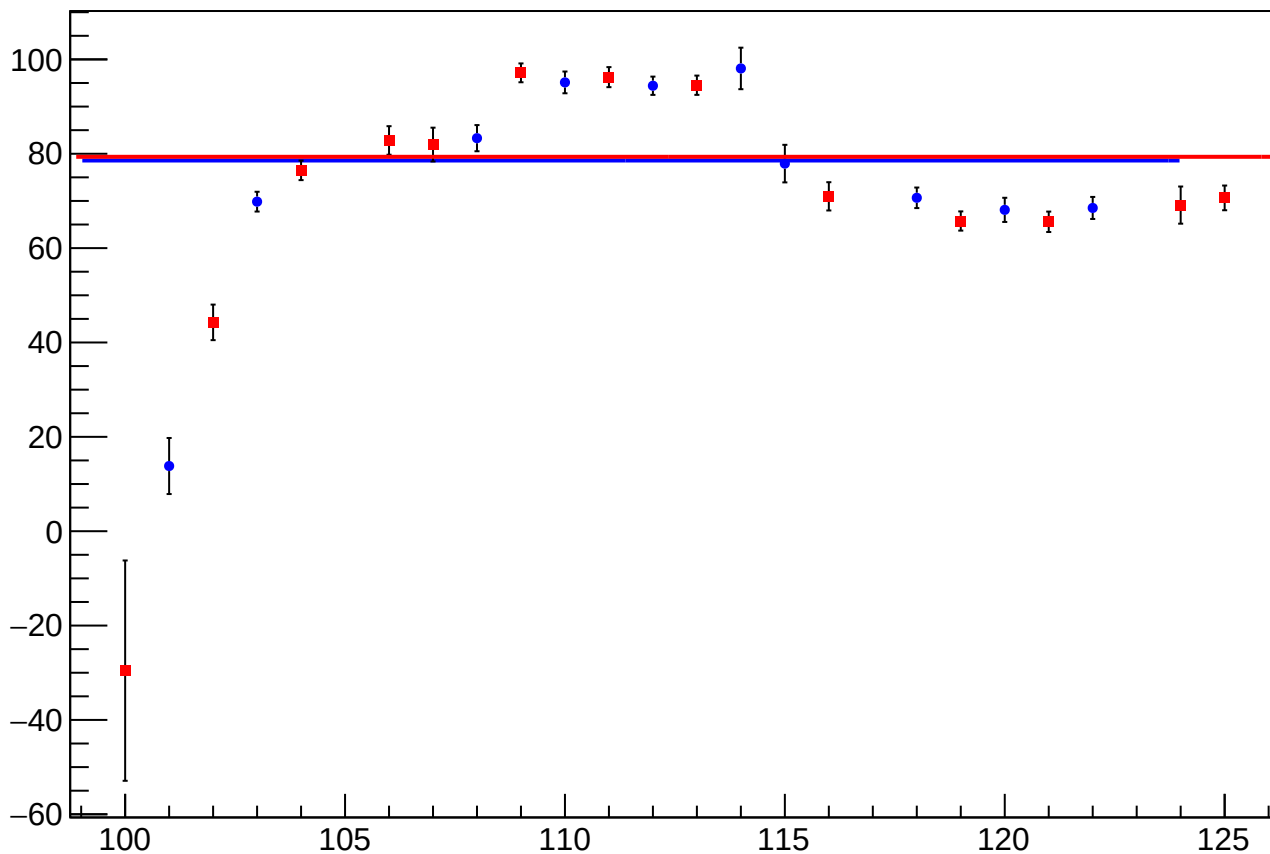
Right: -2.287+/-0.484 χ^2 /NDF: 241.0/22

In: -2.017+/-0.716 χ^2 /NDF:134.4/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2.287+/-0.484 χ^2 /NDF: 241.0/22

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: 79.355+/-0.710 χ^2 /NDF: 421.0/12

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

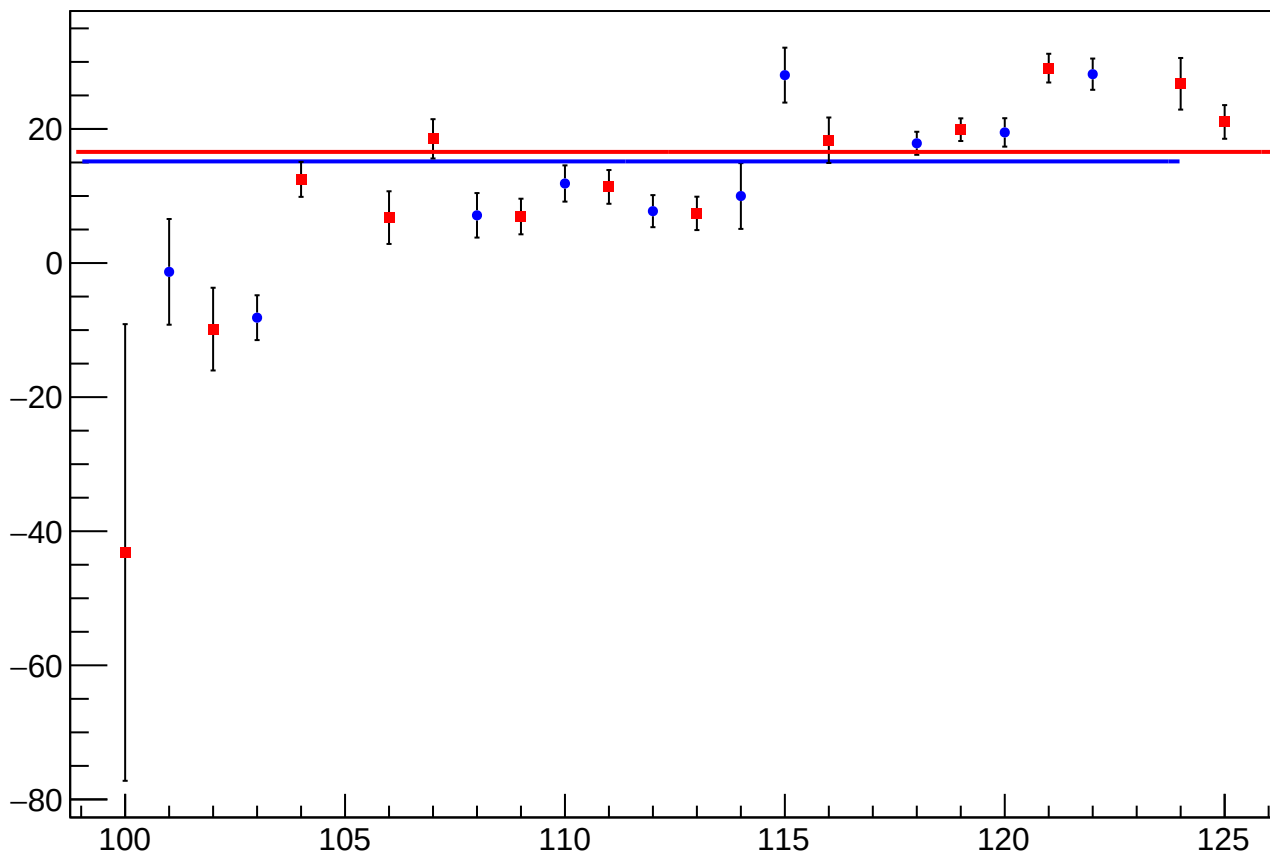
Right: 79.017+/-0.536 χ^2 /NDF: 747.2/22

In: 78.571+/-0.816 χ^2 /NDF: 325.6/9

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 79.017+/-0.536 χ^2 /NDF: 747.2/22

reg_asym_usr_atr1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.159+/-0.859 χ^2/NDF : 118.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.577+/-0.768 χ^2/NDF : 109.9/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

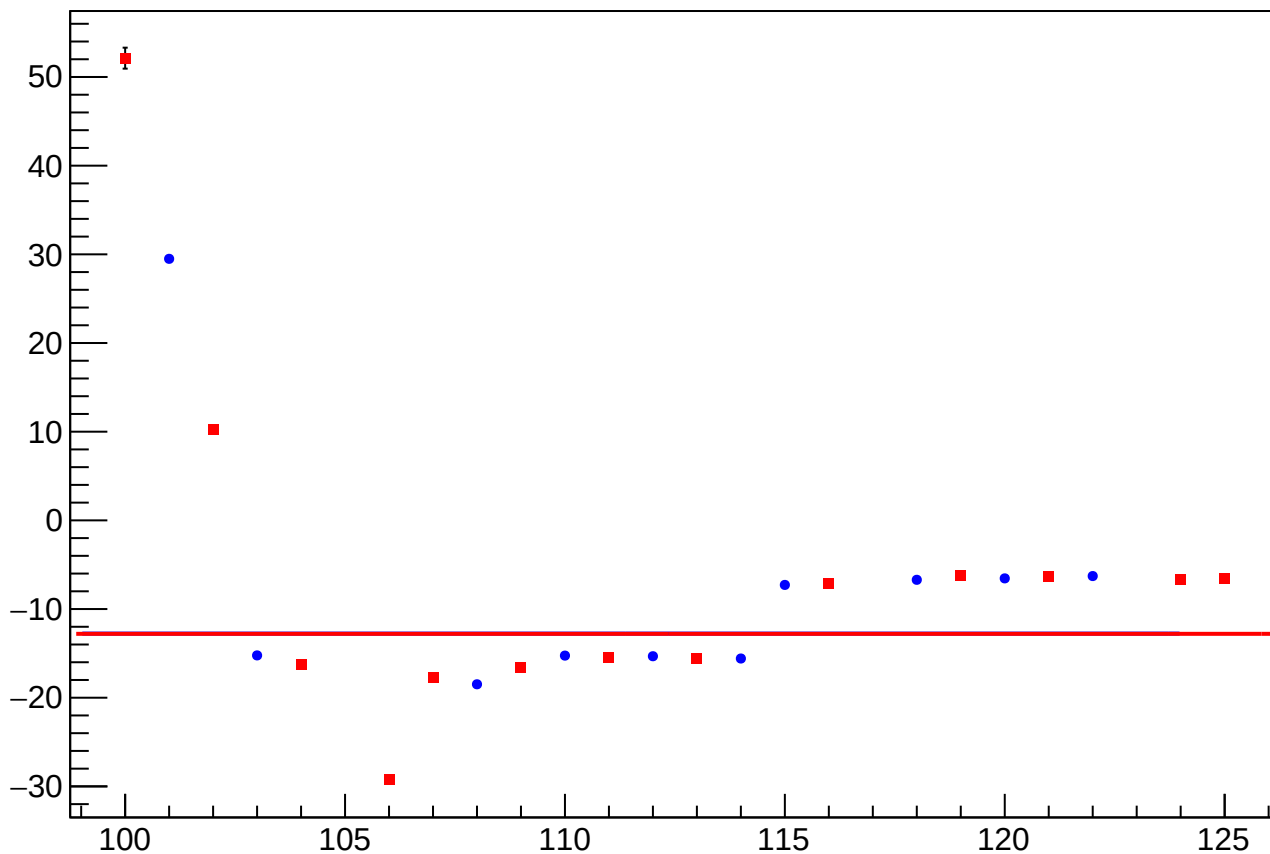
Right: 15.948+/-0.572 χ^2/NDF : 230.1/22

In: 15.159+/-0.859 χ^2/NDF : 118.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.948+/-0.572 χ^2/NDF : 230.1/22

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: -12.796+/-0.045 χ^2/NDF : 44328.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

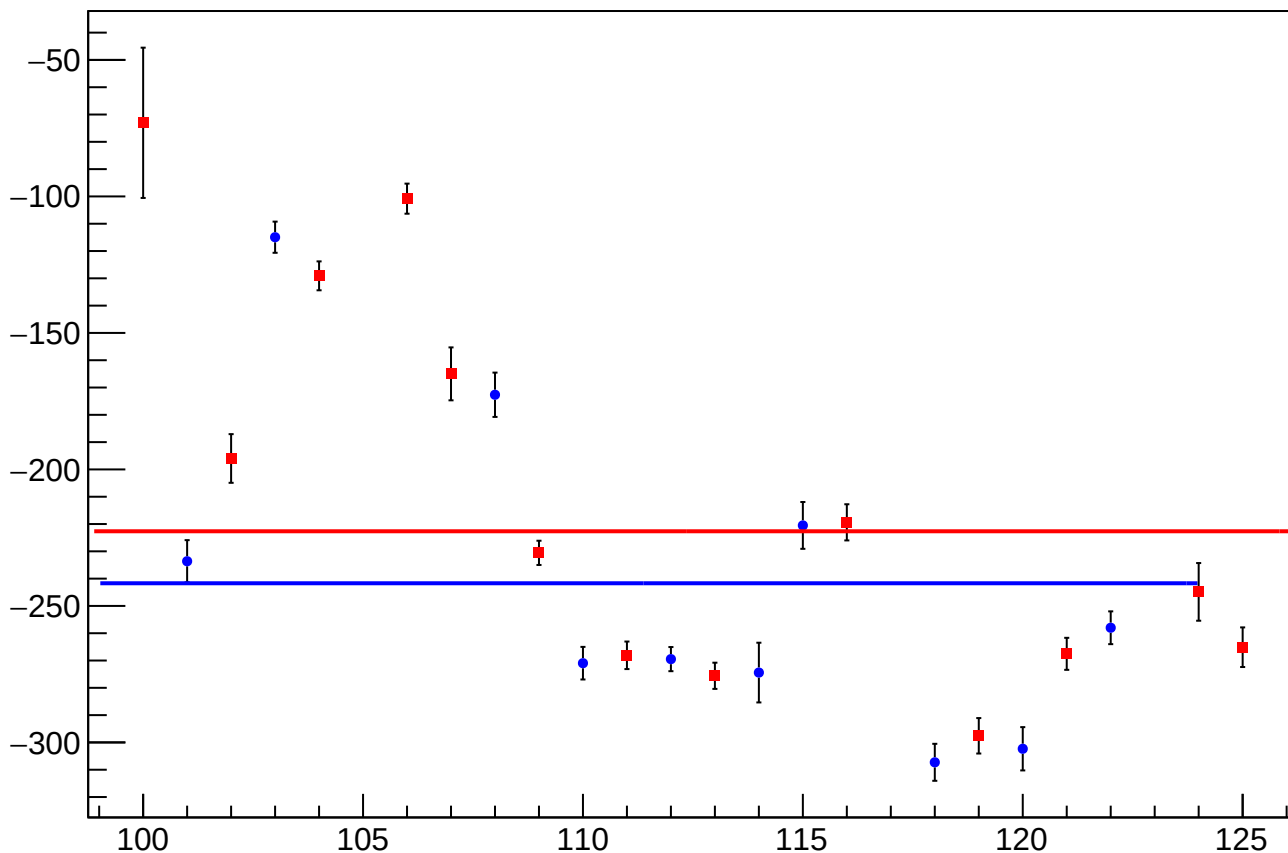
Right: -12.784+/-0.034 χ^2/NDF : 66534.2/22

In: -12.770+/-0.050 χ^2/NDF : 22205.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.784+/-0.034 χ^2/NDF : 66534.2/22

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: -222.653+/-1.740 χ^2/NDF : 1312.0/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

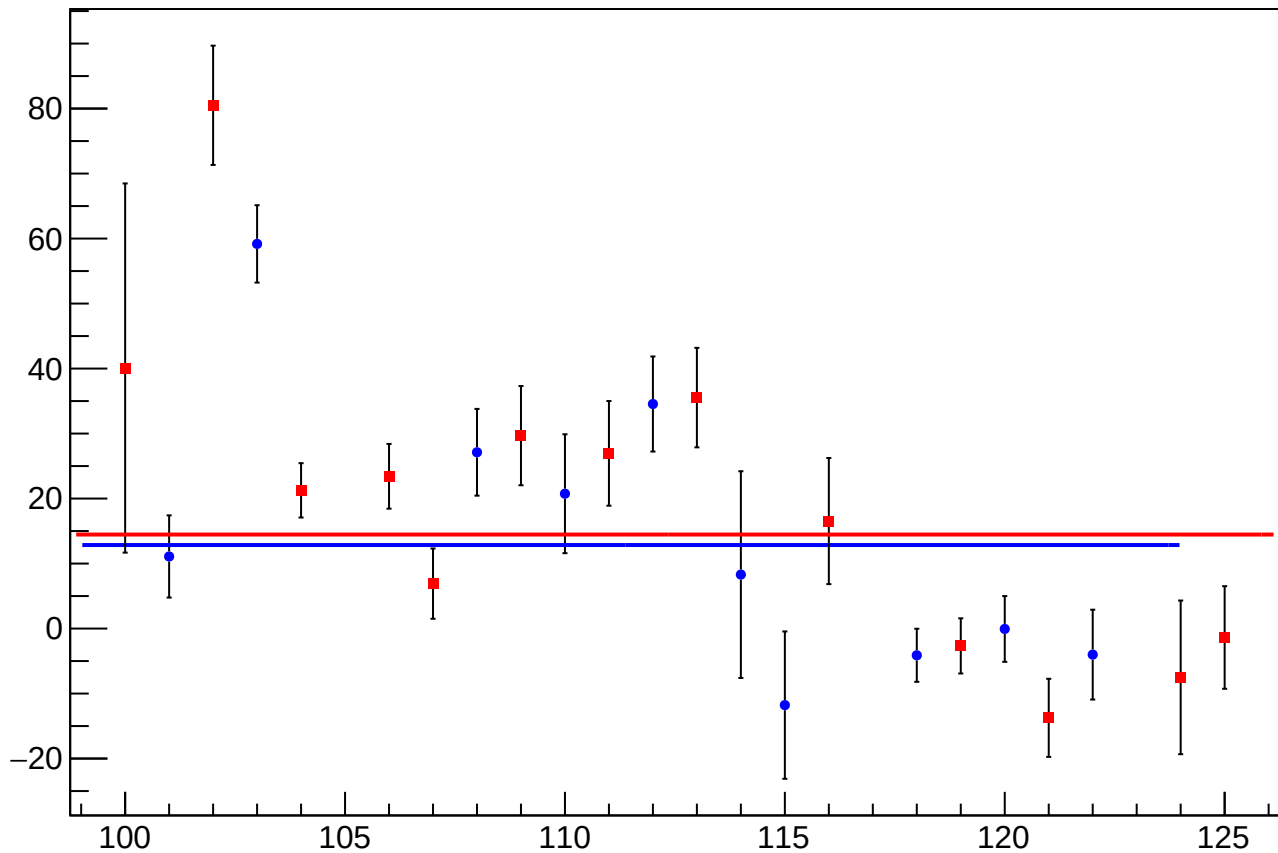
Right: -230.457+/-1.337 χ^2/NDF : 2165.7/22

In: -241.699+/-2.089 χ^2/NDF :804.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -230.457+/-1.337 χ^2/NDF : 2165.7/22

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: 14.465+/-1.792 χ^2/NDF : 120.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

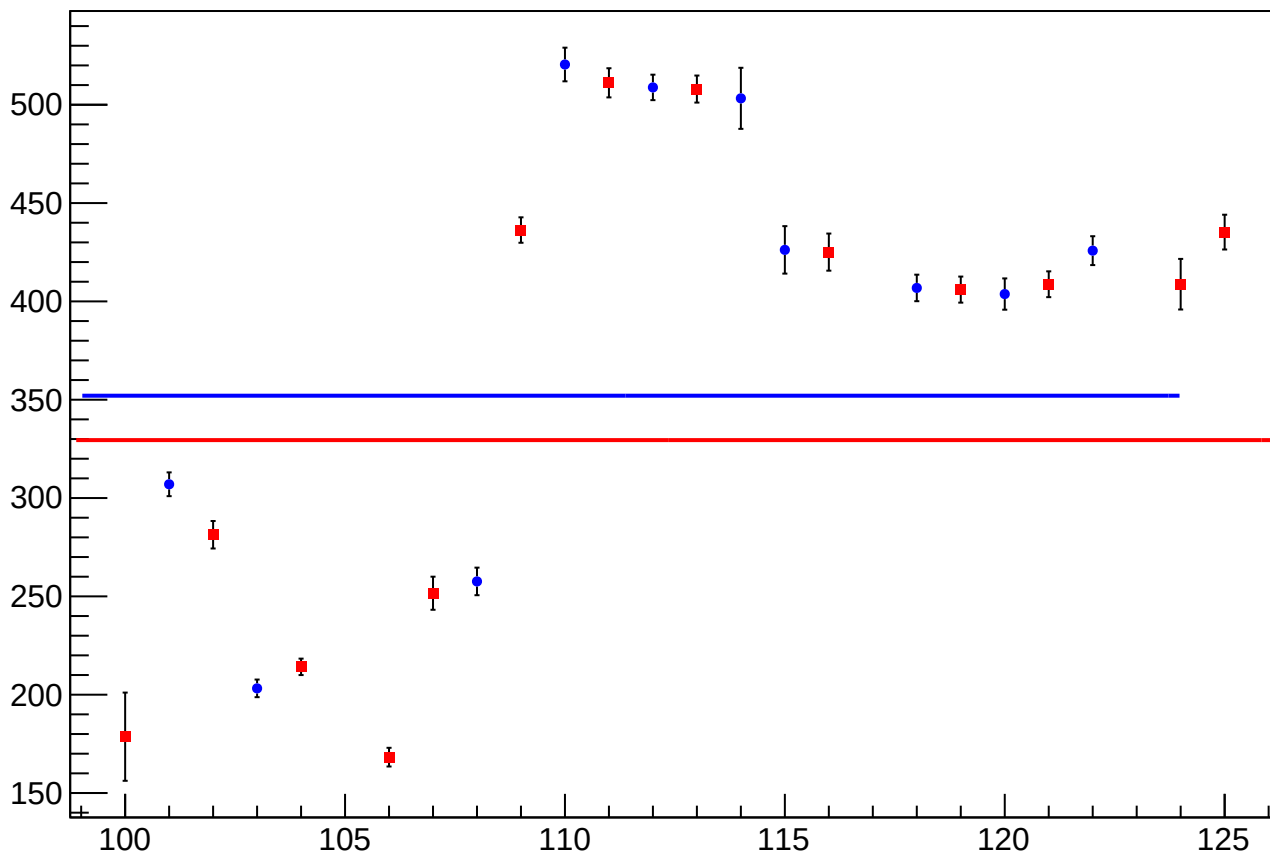
Right: 13.765+/-1.349 χ^2/NDF : 229.9/22

In: 12.850+/-2.050 χ^2/NDF : 109.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.765+/-1.349 χ^2/NDF : 229.9/22

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: 329.462+/-1.898 χ^2/NDF : 4202.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

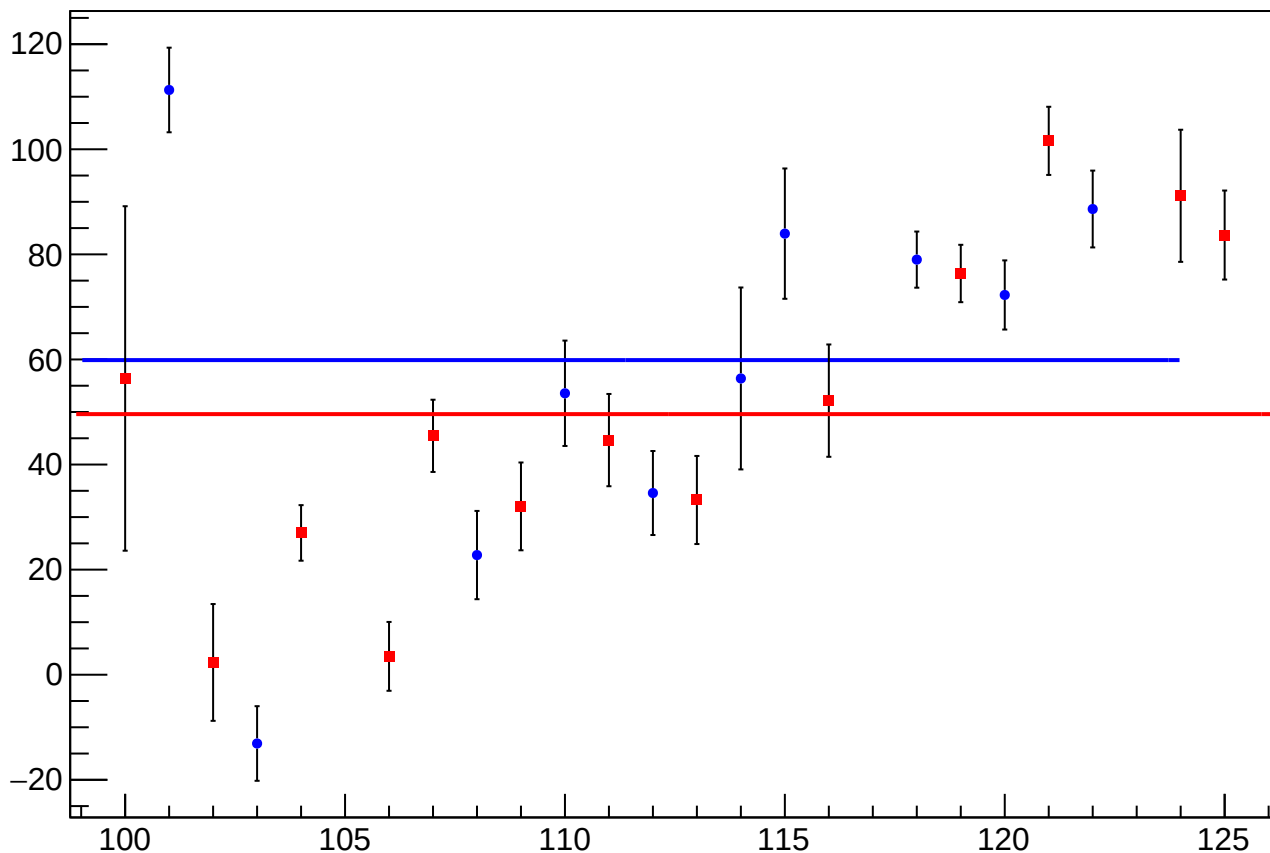
Right: 338.986+/-1.443 χ^2/NDF : 6917.8/22

In: 352.044+/-2.223 χ^2/NDF : 2656.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 338.986+/-1.443 χ^2/NDF : 6917.8/22

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: 49.596+/-2.146 χ^2/NDF : 210.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

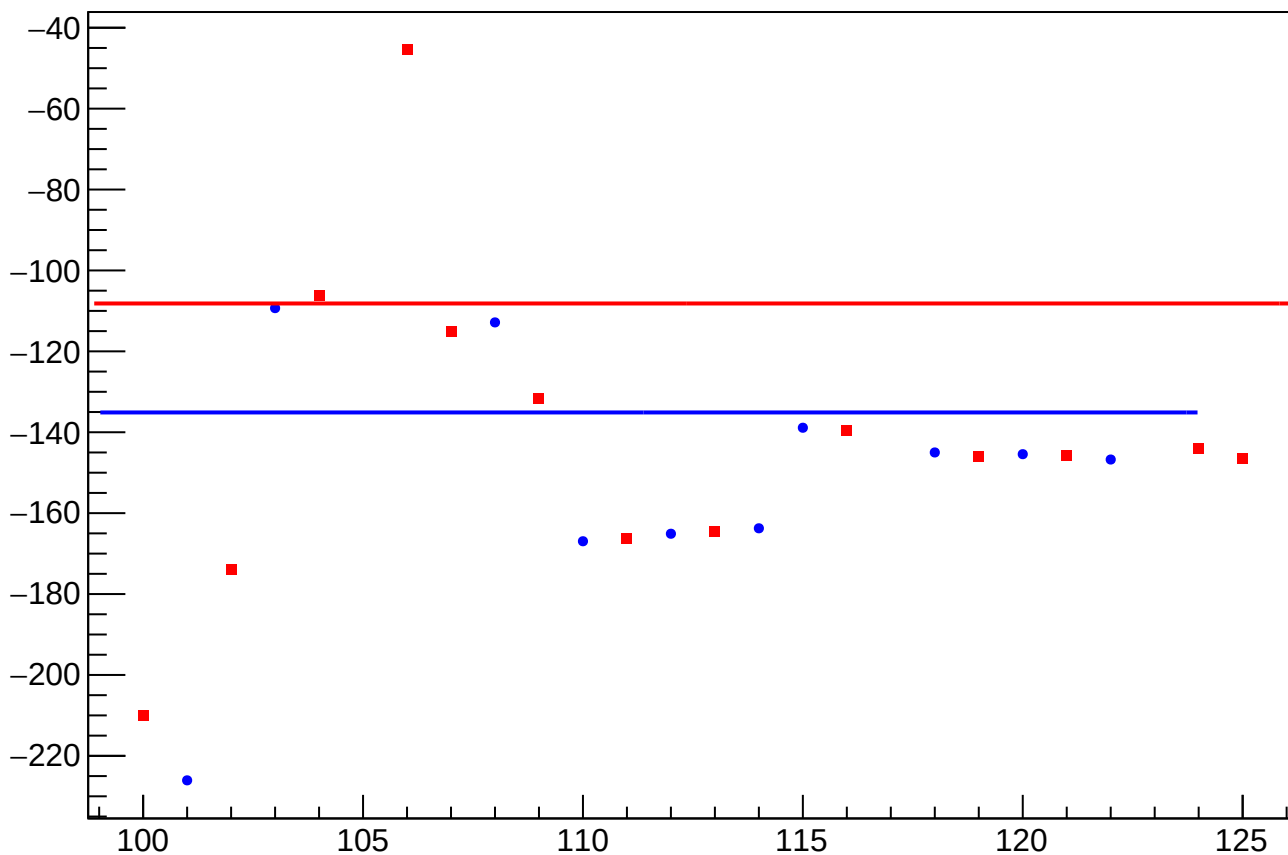
Right: 53.984+/-1.625 χ^2/NDF : 432.0/22

In: 59.877+/-2.487 χ^2/NDF : 211.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.984+/-1.625 χ^2/NDF : 432.0/22

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: -108.166+/-0.102 χ^2/NDF : 206652.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

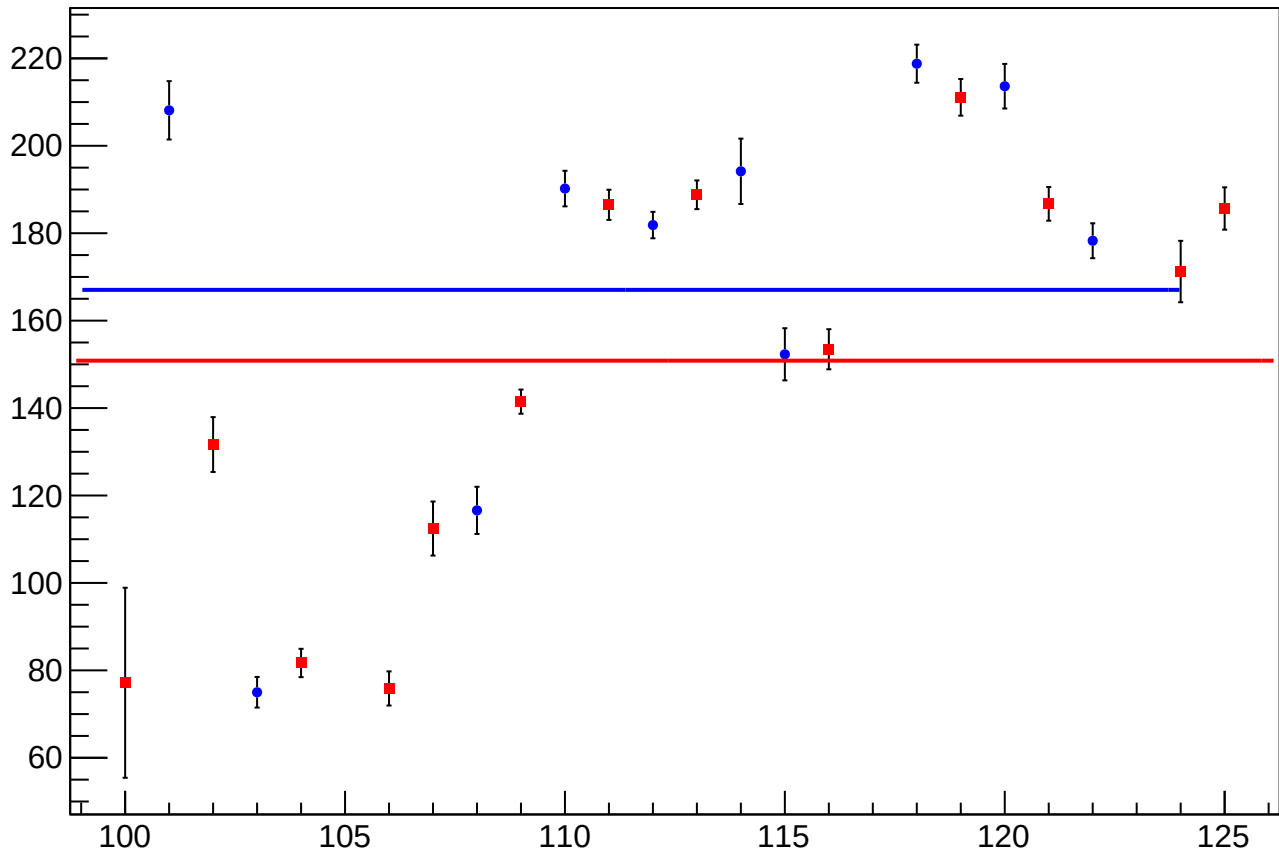
Right: -119.021+/-0.079 χ^2/NDF : 330637.7/22

In: -135.106+/-0.124 χ^2/NDF : 95658.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -119.021+/-0.079 χ^2/NDF : 330637.7/22

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: 150.848+/-1.149 χ^2/NDF : 1489.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

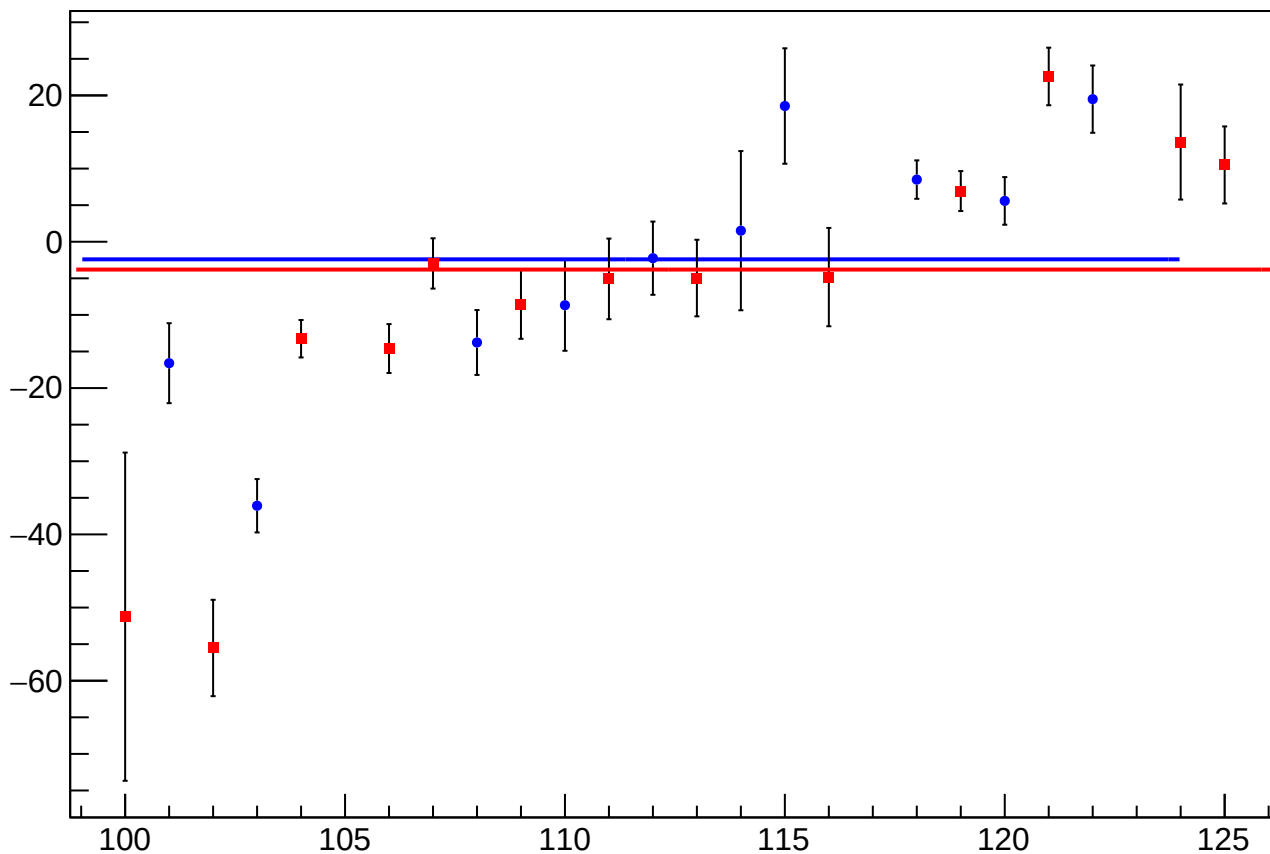
Right: 157.351+/-0.889 χ^2/NDF : 2693.5/22

In: 167.043+/-1.403 χ^2/NDF : 1124.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.351+/-0.889 χ^2/NDF : 2693.5/22

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: -3.803+/-1.164 χ^2/NDF : 164.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

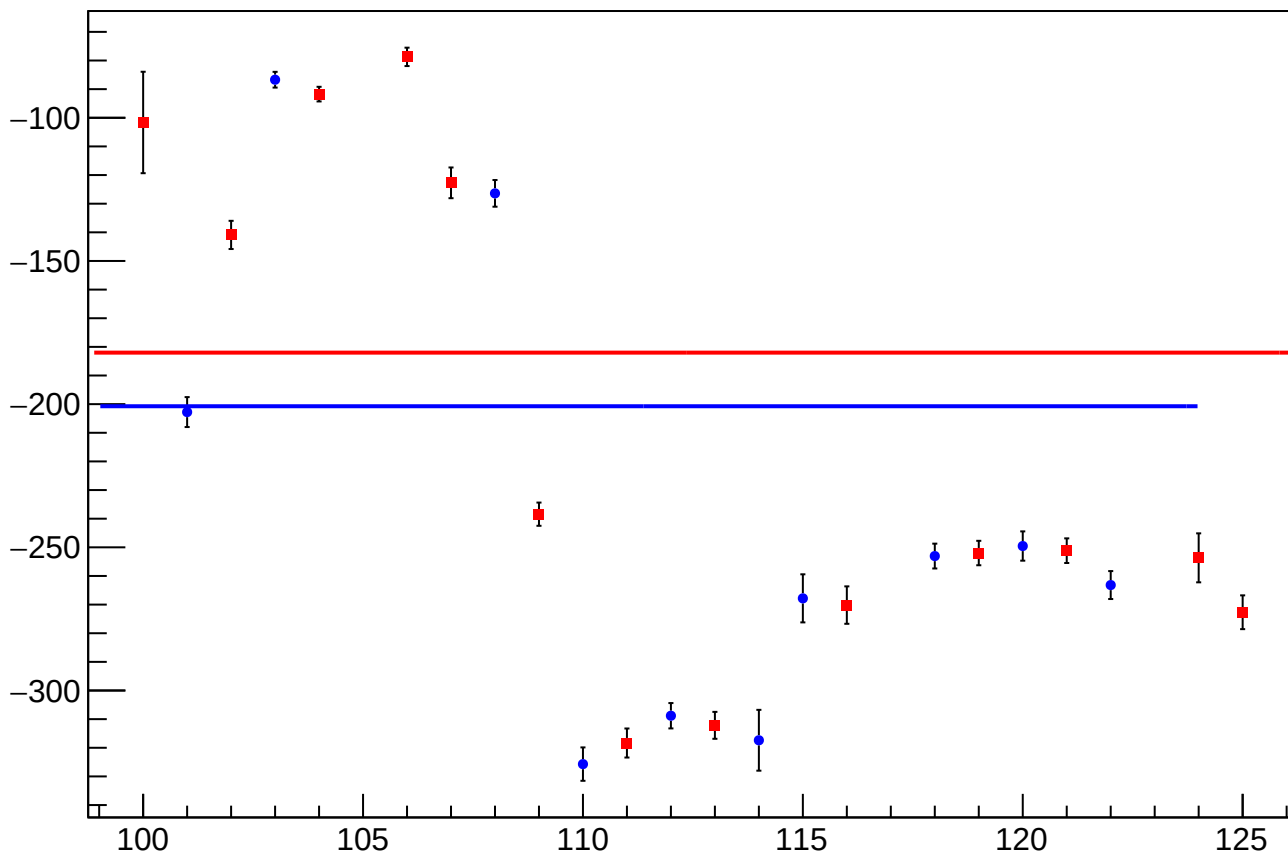
Right: -3.215+/-0.886 χ^2/NDF : 317.4/22

In: -2.405+/-1.365 χ^2/NDF : 152.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.215+/-0.886 χ^2/NDF : 317.4/22

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: -182.009 ± 1.241 χ^2/NDF : 5194.0/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

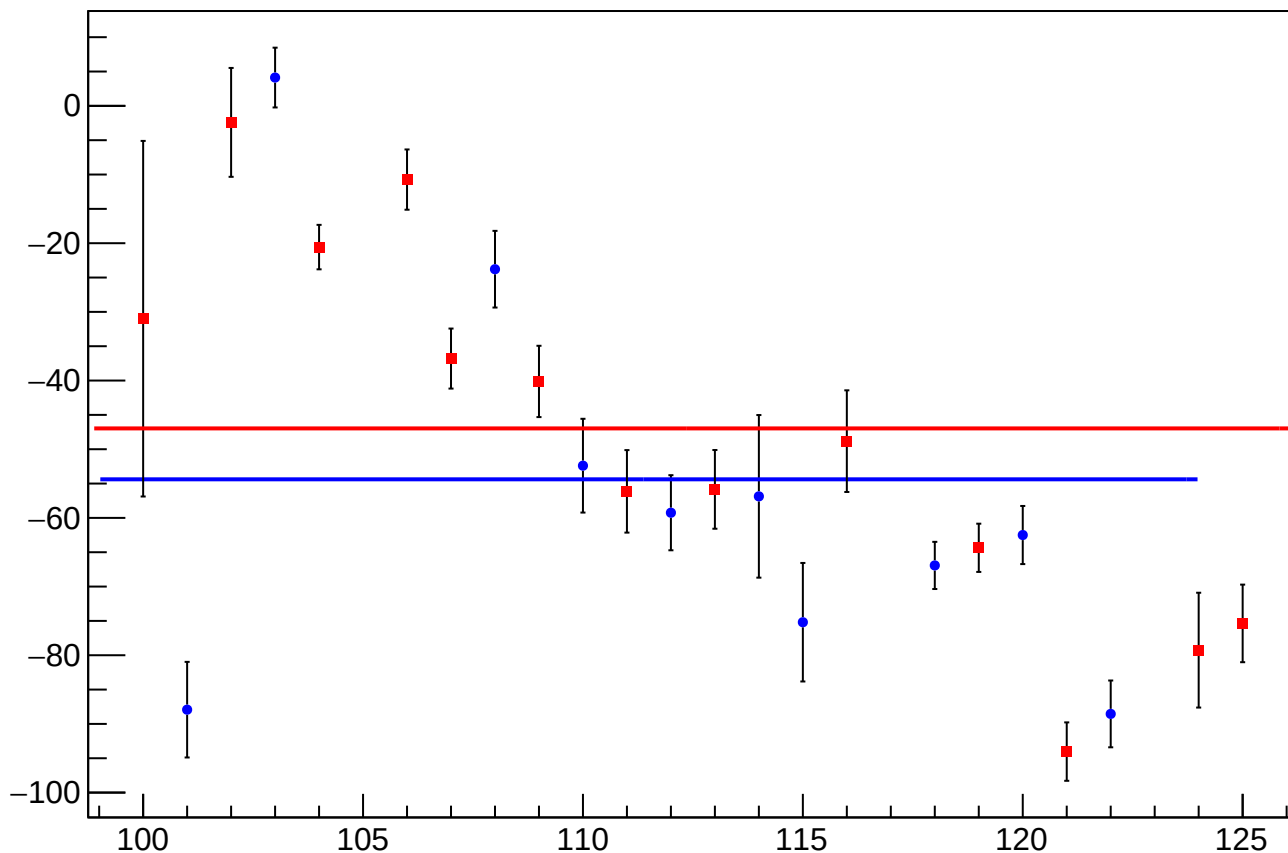
Right: -189.695 ± 0.953 χ^2/NDF : 8903.7/22

In: -200.733 ± 1.487 χ^2/NDF : 3616.4/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -189.695 ± 0.953 χ^2/NDF : 8903.7/22

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: -46.970+/-1.397 χ^2/NDF : 365.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

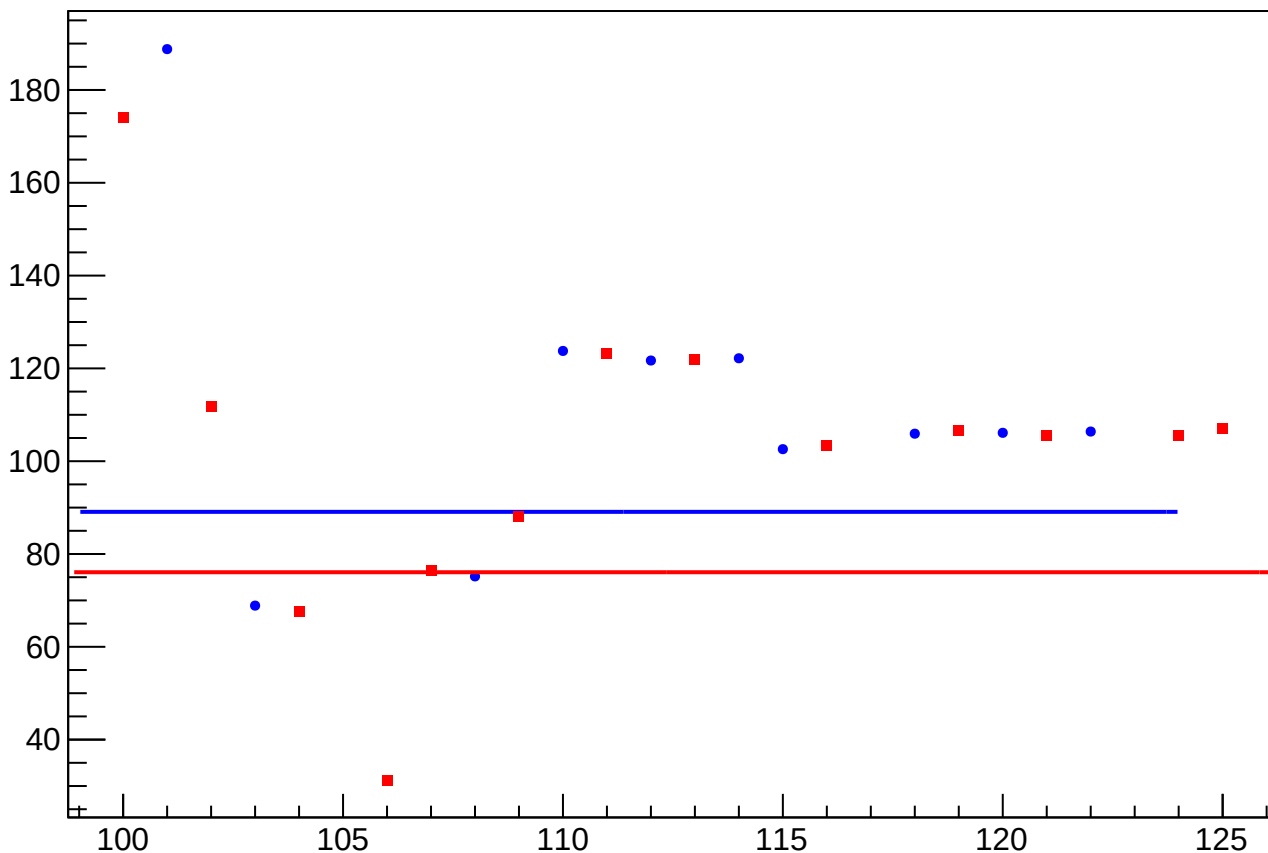
Right: -50.047+/-1.068 χ^2/NDF : 684.5/22

In: -54.383+/-1.658 χ^2/NDF : 307.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.047+/-1.068 χ^2/NDF : 684.5/22

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: 76.072+/-0.069 χ^2/NDF : 191806.4/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

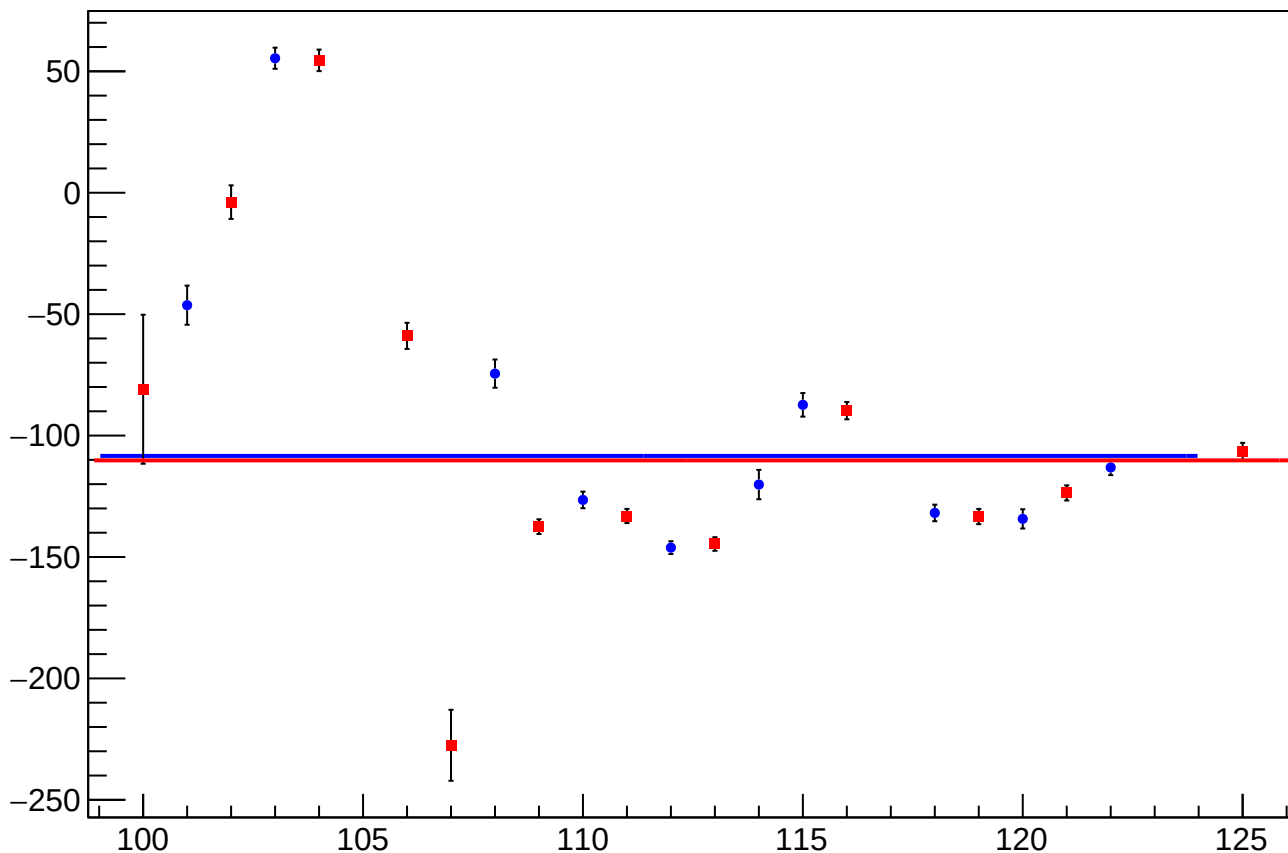
Right: 81.530+/-0.053 χ^2/NDF : 367687.2/22

In: 89.086+/-0.081 χ^2/NDF :160944.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 81.530+/-0.053 χ^2/NDF : 367687.2/22

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: -110.215+/-1.098 χ^2 /NDF: 2172.9/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

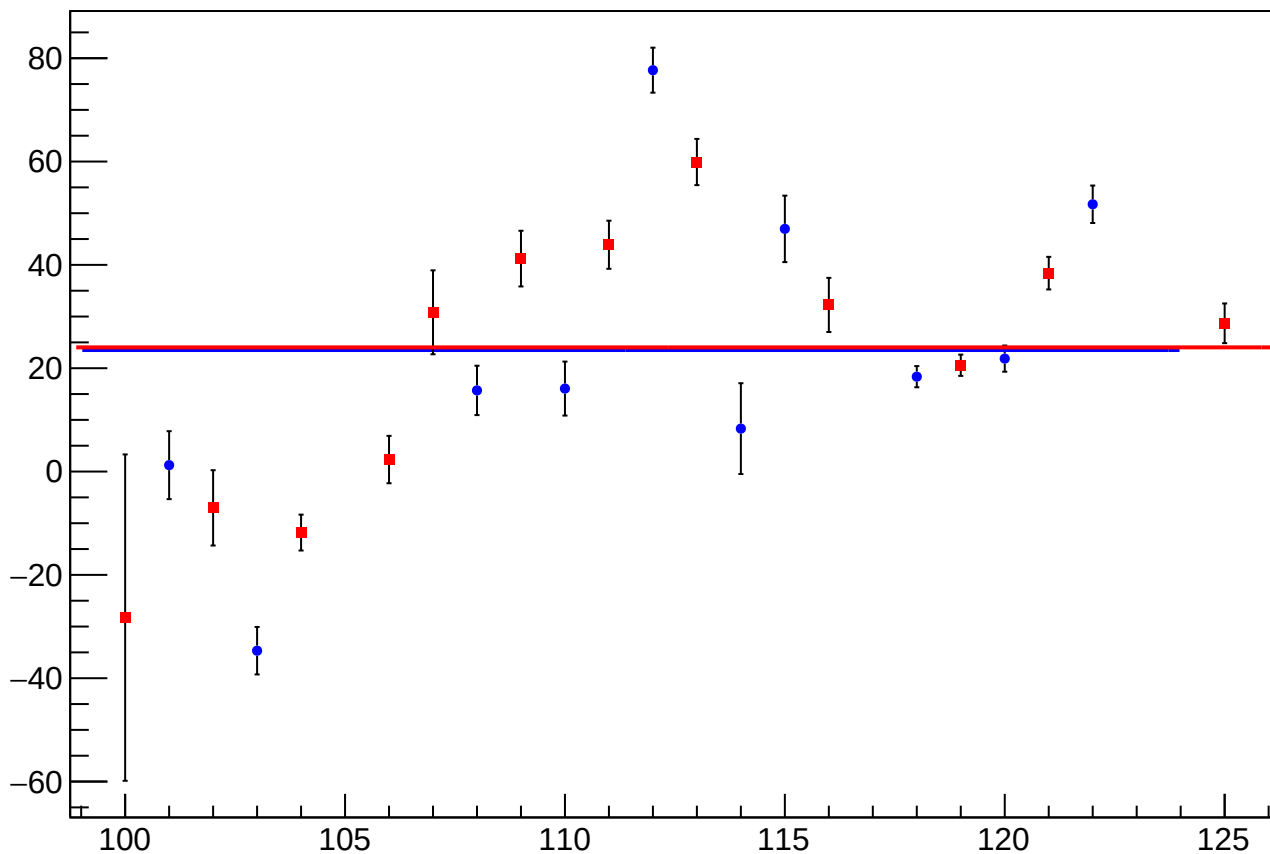
Right: -109.402+/-0.822 χ^2 /NDF: 4033.5/21

In: -108.363+/-1.241 χ^2 /NDF:1859.4/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -109.402+/-0.822 χ^2 /NDF: 4033.5/21

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: 24.035+/-1.165 χ^2/NDF : 270.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

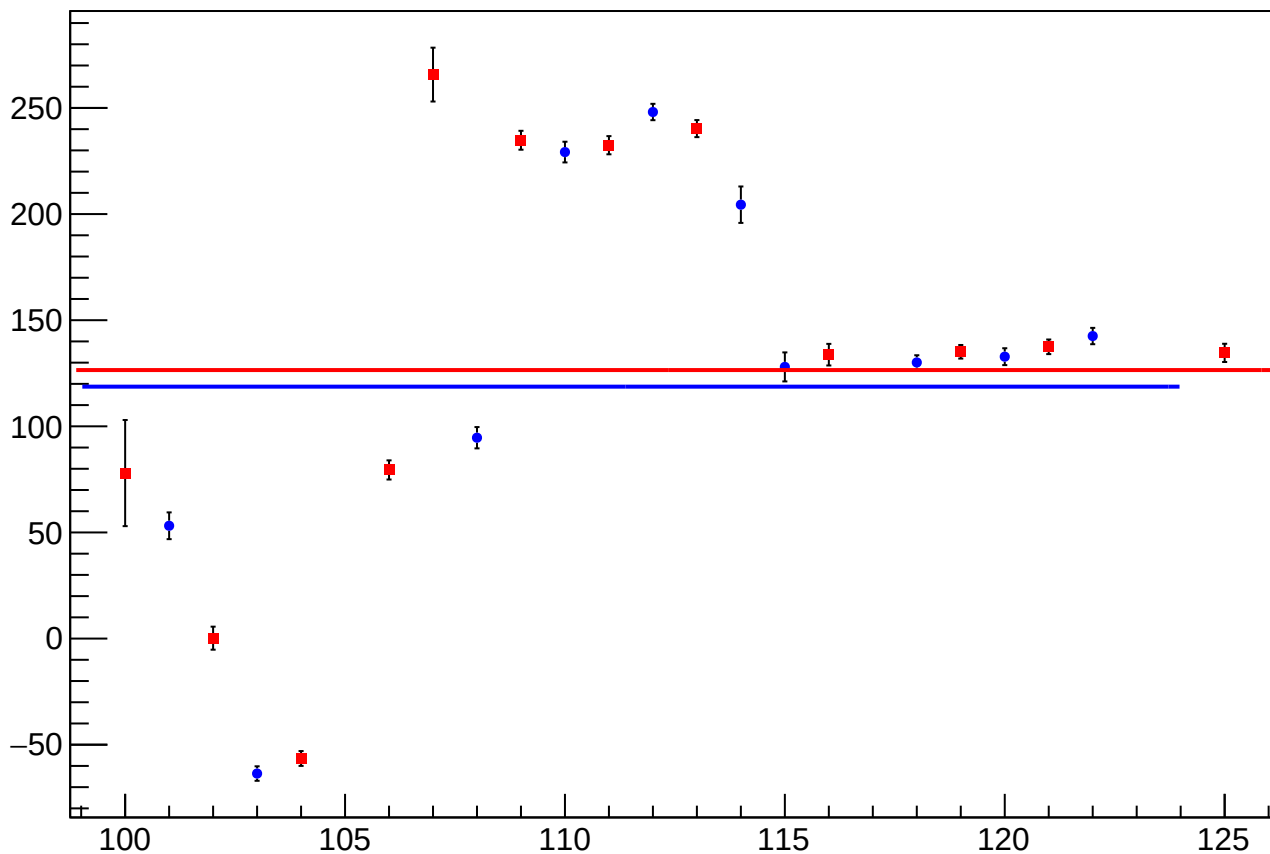
Right: 23.783+/-0.831 χ^2/NDF : 685.7/21

In: 23.522+/-1.186 χ^2/NDF : 414.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.783+/-0.831 χ^2/NDF : 685.7/21

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: 126.506 $\pm$ 1.276 χ^2 /NDF: 5540.1/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

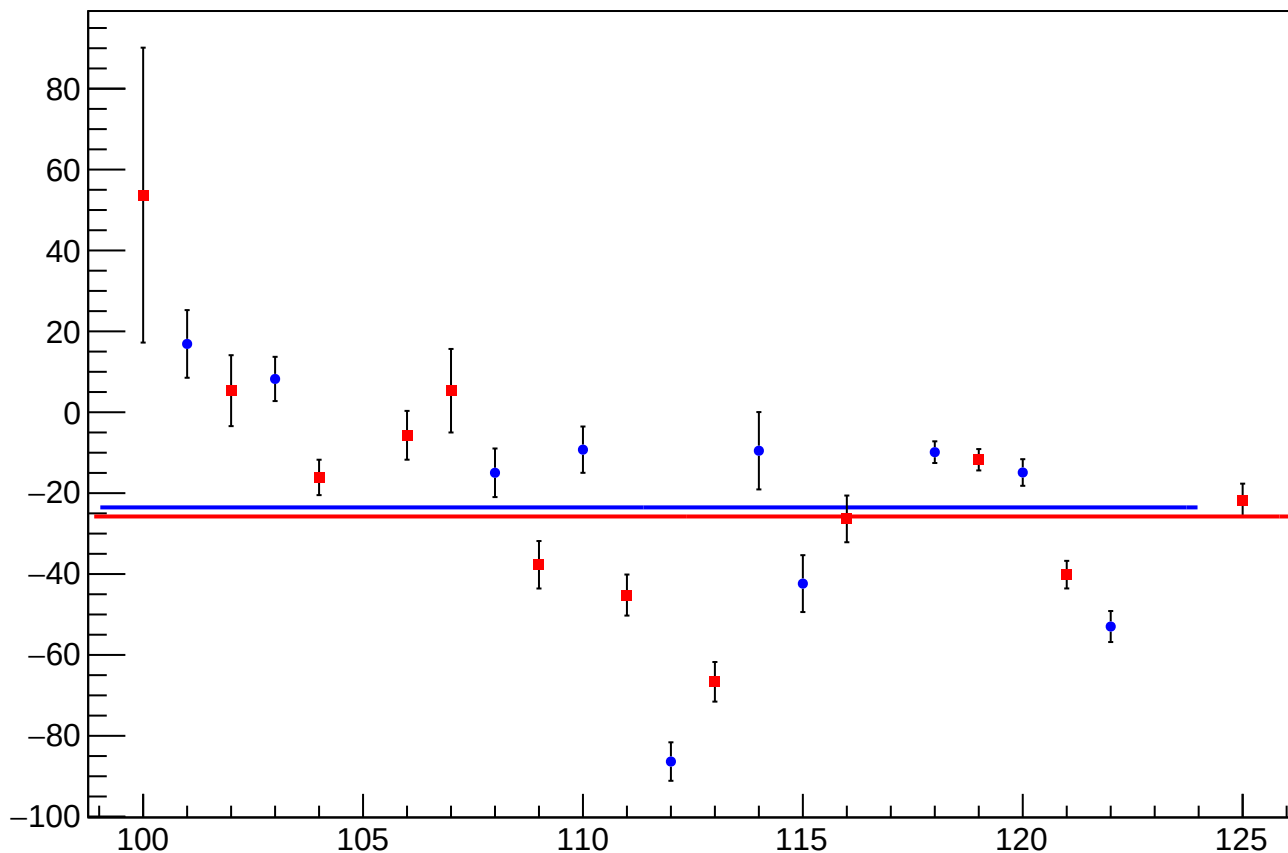
Right: 122.952 $\pm$ 0.942 χ^2 /NDF: 10341.3/21

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: 122.952 $\pm$ 0.942 χ^2 /NDF: 10341.3/21

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: -25.770+/-1.373 χ^2/NDF : 177.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

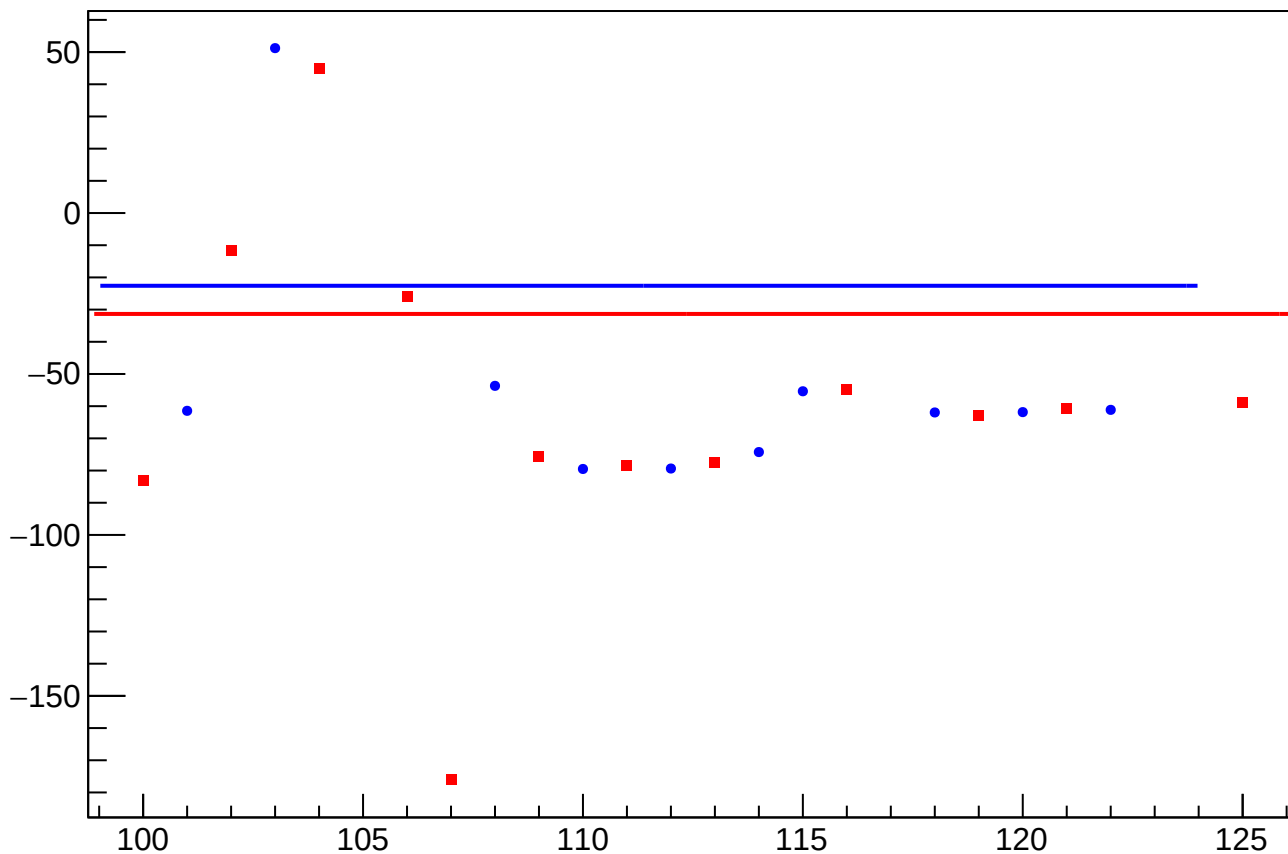
Right: -24.702+/-0.994 χ^2/NDF : 519.9/21

In: -23.523+/-1.442 χ^2/NDF : 340.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.702+/-0.994 χ^2/NDF : 519.9/21

reg_asym_us_avg_at1lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -22.597 $\pm$ 0.085 χ^2 /NDF: 423798.8/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -31.347 $\pm$ 0.080 χ^2 /NDF: 395822.2/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

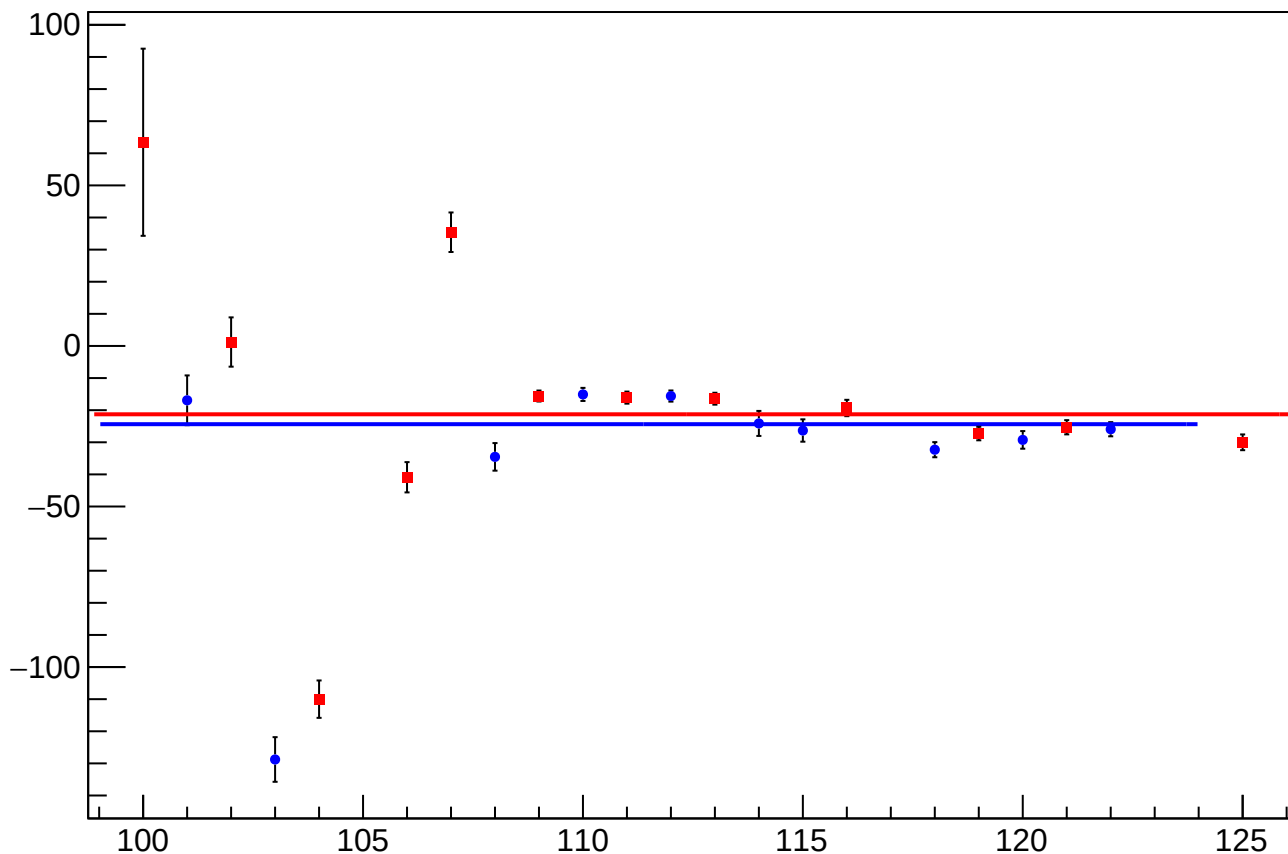
Right: -27.221 $\pm$ 0.058 χ^2 /NDF: 825275.1/21

In: -22.597 $\pm$ 0.085 χ^2 /NDF:423798.8/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -27.221 $\pm$ 0.058 χ^2 /NDF: 825275.1/21

reg_asym_us_avg_at1lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -24.363 $\pm$ 0.867 χ^2 /NDF: 293.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -21.283 $\pm$ 0.748 χ^2 /NDF: 401.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

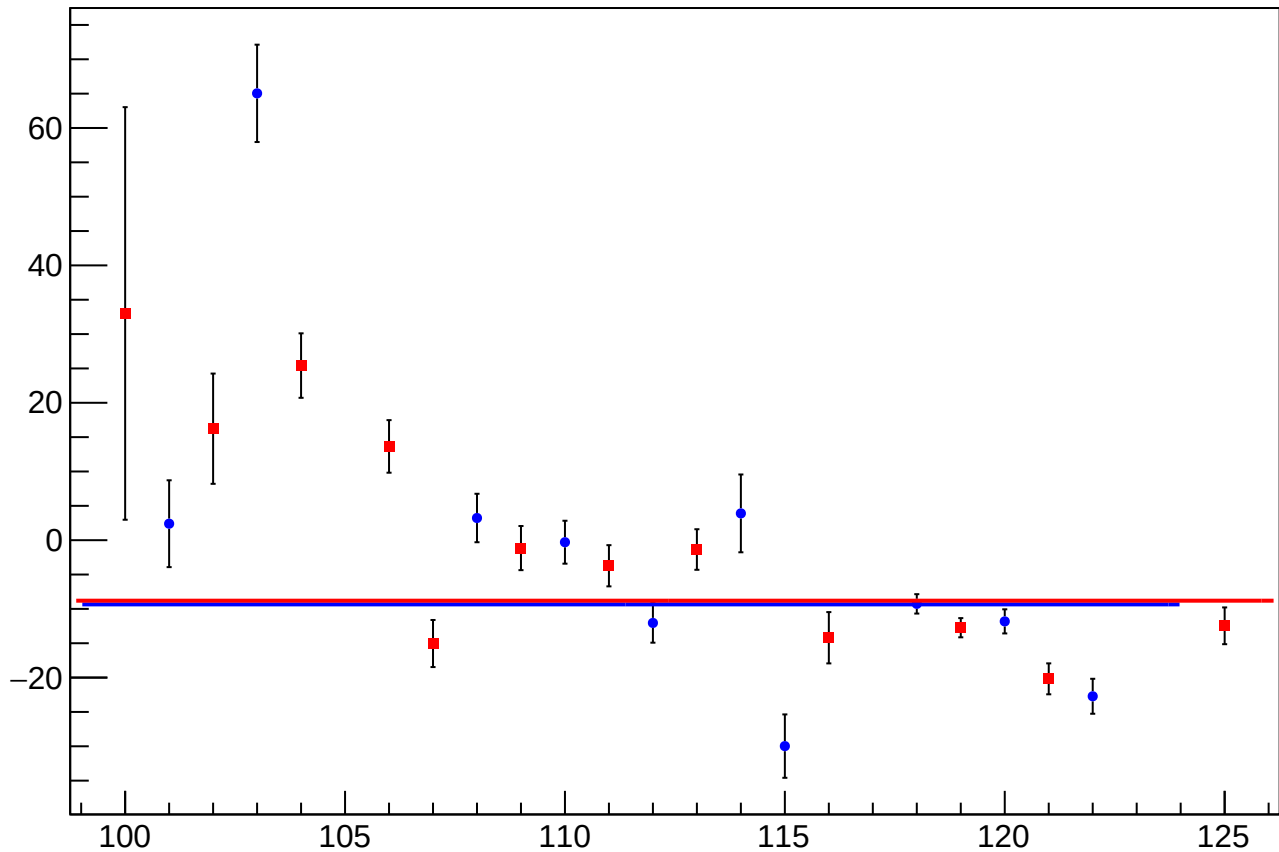
Right: -22.598 $\pm$ 0.566 χ^2 /NDF: 702.6/21

In: -24.363 $\pm$ 0.867 χ^2 /NDF:293.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -22.598 $\pm$ 0.566 χ^2 /NDF: 702.6/21

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: -8.806+/-0.828 χ^2/NDF : 154.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

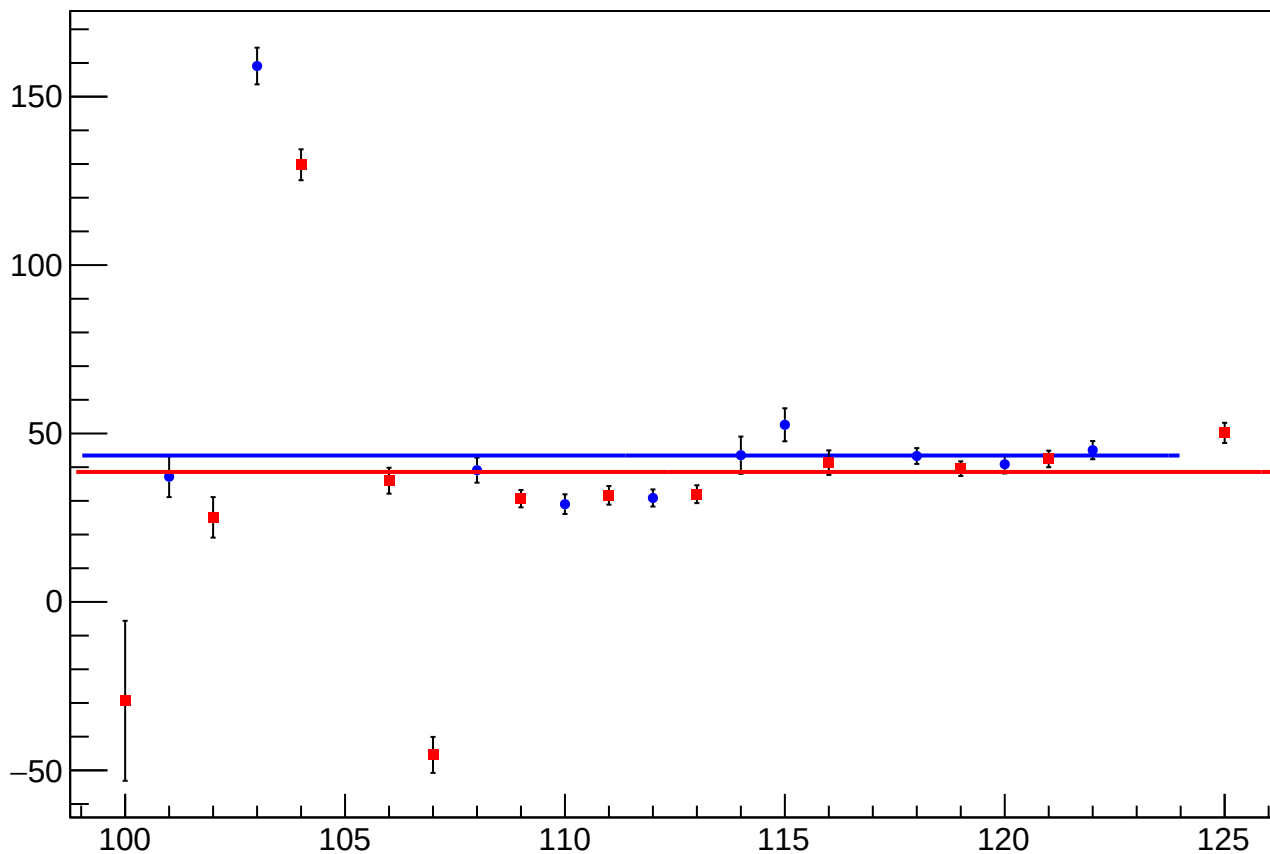
Right: -9.071+/-0.591 χ^2/NDF : 345.8/21

In: -9.345+/-0.843 χ^2/NDF : 190.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.071+/-0.591 χ^2/NDF : 345.8/21

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: 38.592+/-0.924 χ^2 /NDF: 695.6/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

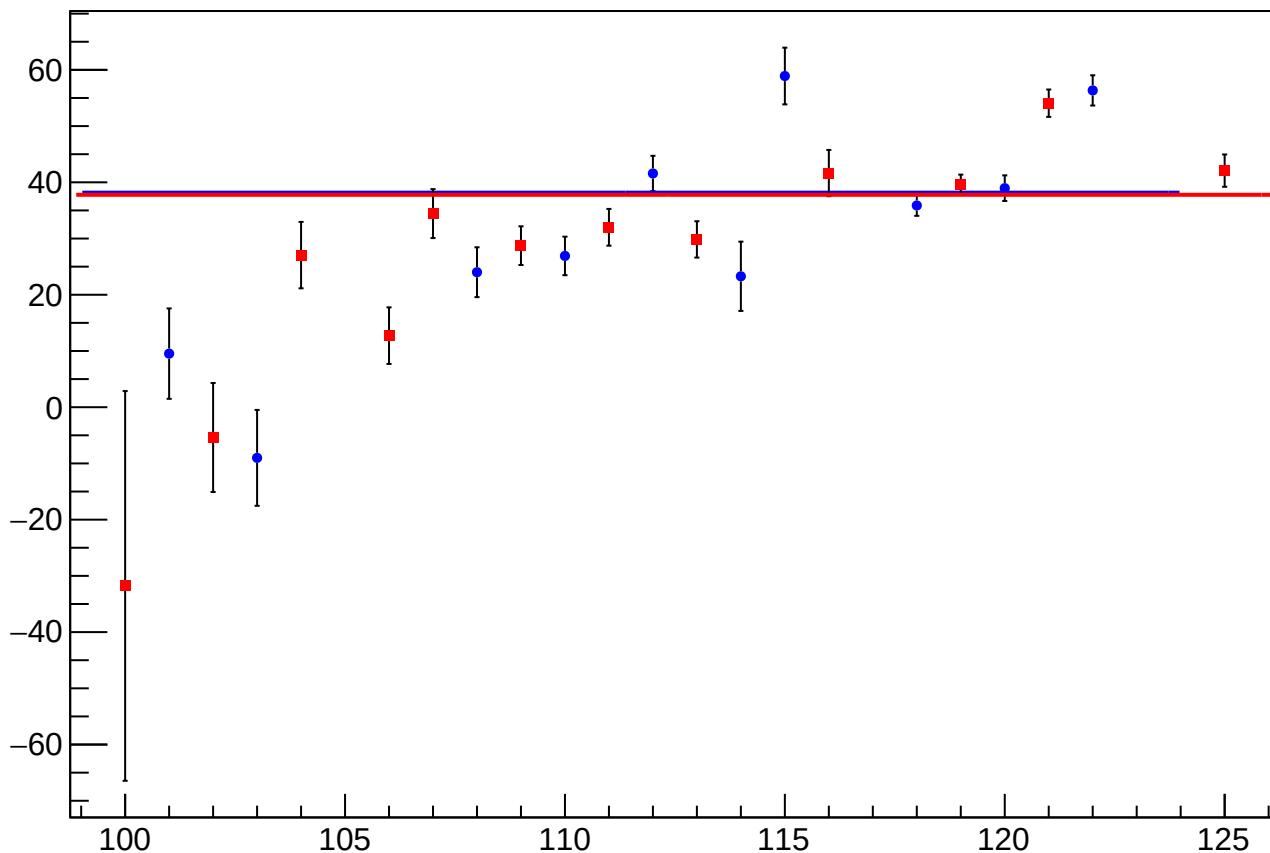
Right: 40.750+/-0.690 χ^2 /NDF: 1214.8/21

In: 43.463+/-1.036 χ^2 /NDF:507.0/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 40.750+/-0.690 χ^2 /NDF: 1214.8/21

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: 37.781+/-0.969 χ^2/NDF : 117.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

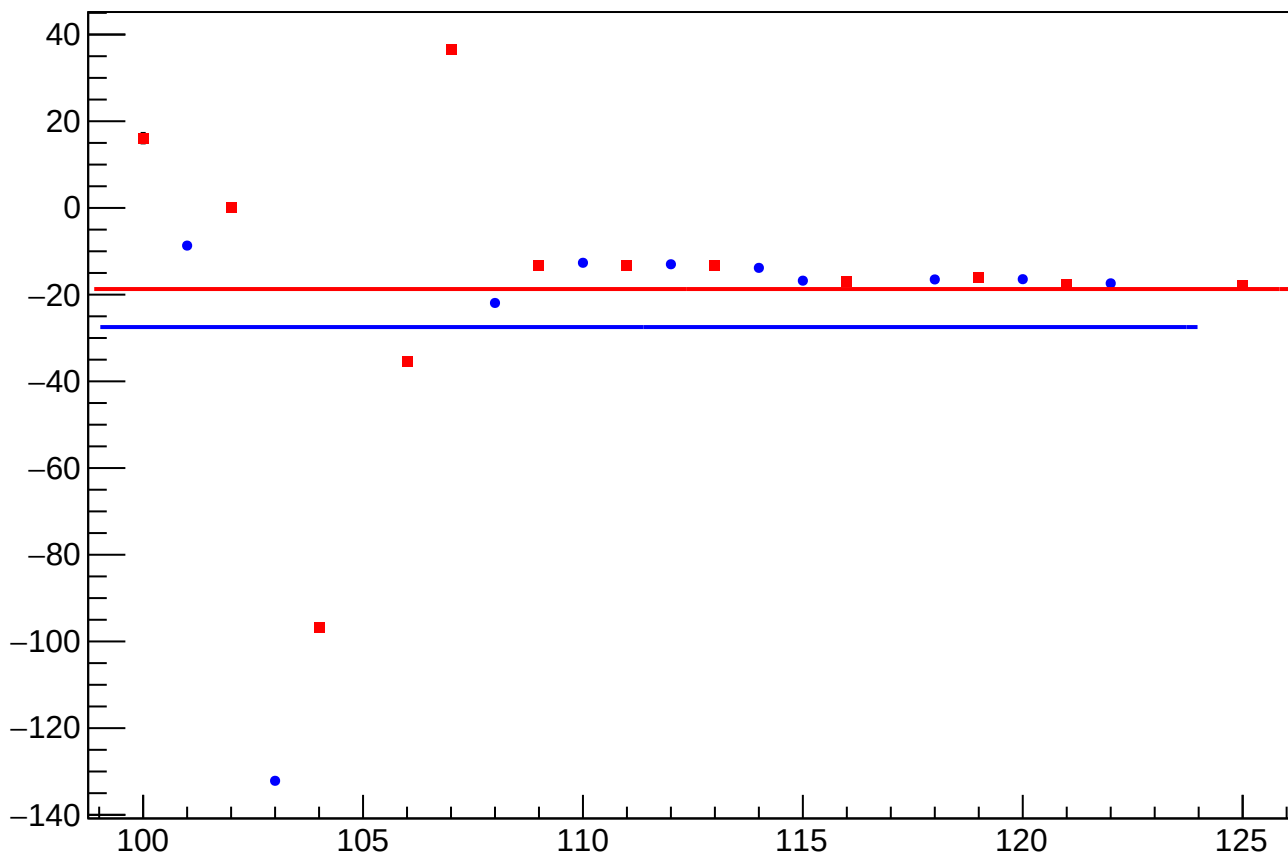
Right: 37.959+/-0.703 χ^2/NDF : 253.1/21

In: 38.158+/-1.022 χ^2/NDF : 135.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.959+/-0.703 χ^2/NDF : 253.1/21

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: -18.708+/-0.063 χ^2/NDF : 203283.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

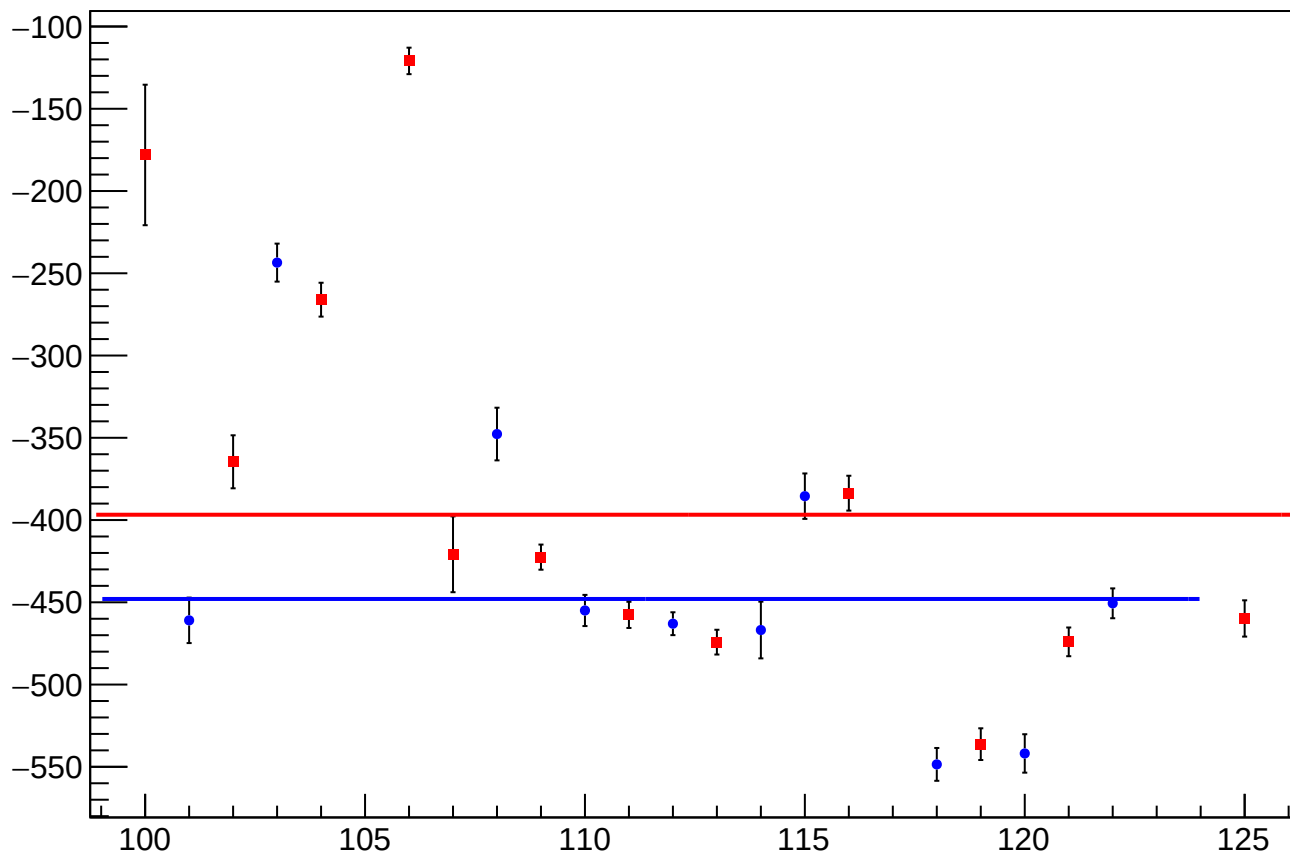
Right: -22.615+/-0.047 χ^2/NDF : 441292.8/21

In: -27.479+/-0.071 χ^2/NDF : 229454.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.615+/-0.047 χ^2/NDF : 441292.8/21

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: -396.766+/-2.854 χ^2/NDF : 1864.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

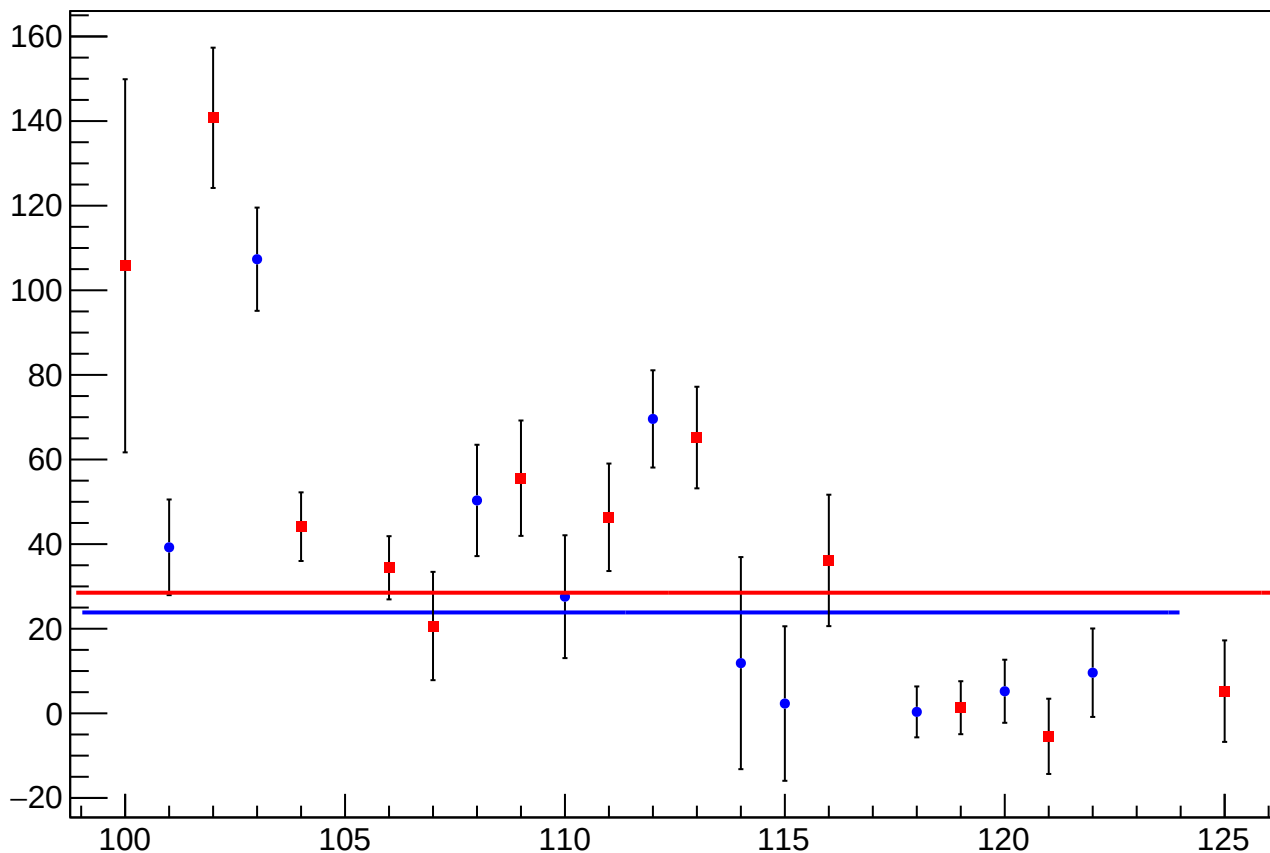
Right: -417.947+/-2.185 χ^2/NDF : 2544.8/21

In: -447.974+/-3.398 χ^2/NDF : 546.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -417.947+/-2.185 χ^2/NDF : 2544.8/21

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: 28.514+/-3.000 χ^2/NDF : 106.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

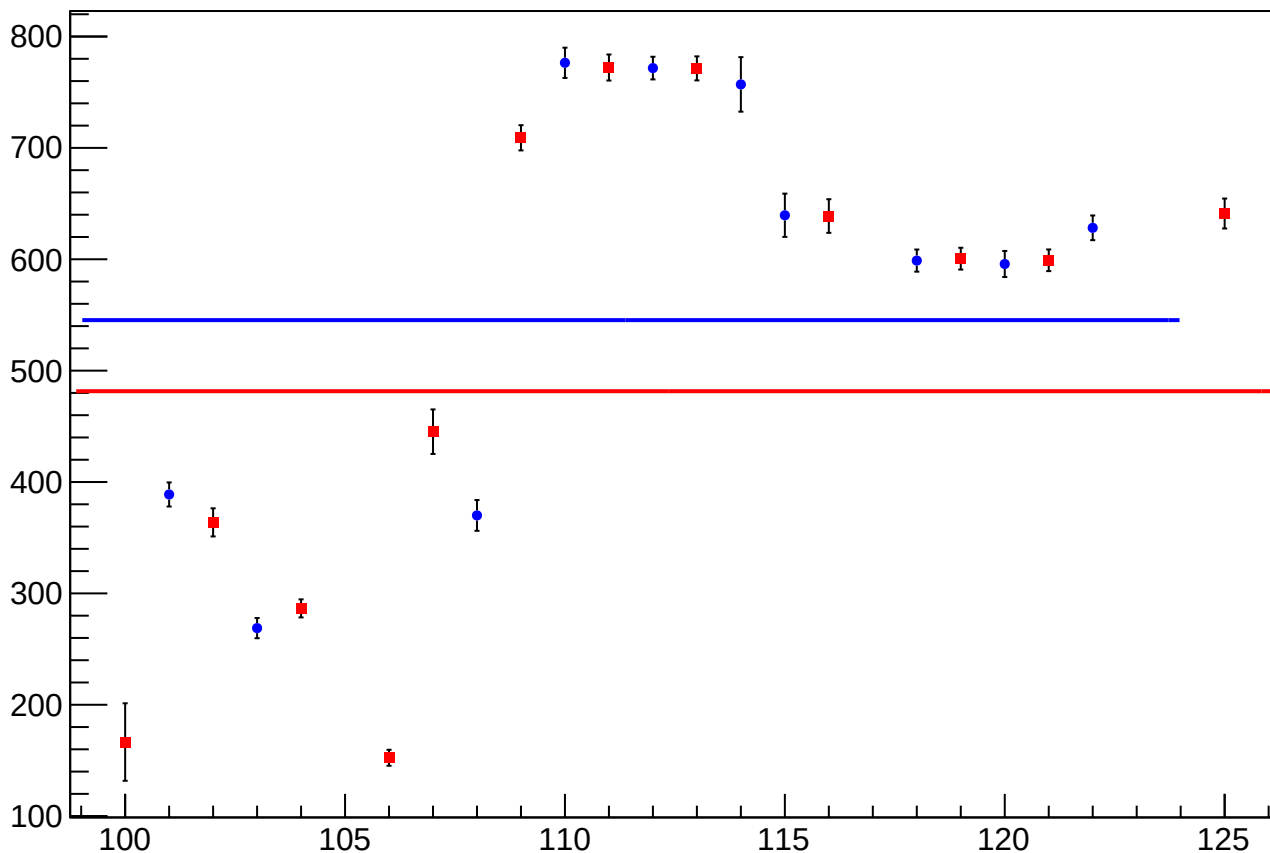
Right: 26.400+/-2.219 χ^2/NDF : 201.0/21

In: 23.846+/-3.297 χ^2/NDF : 93.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.400+/-2.219 χ^2/NDF : 201.0/21

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: 481.525+/-3.180 χ^2/NDF : 5146.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

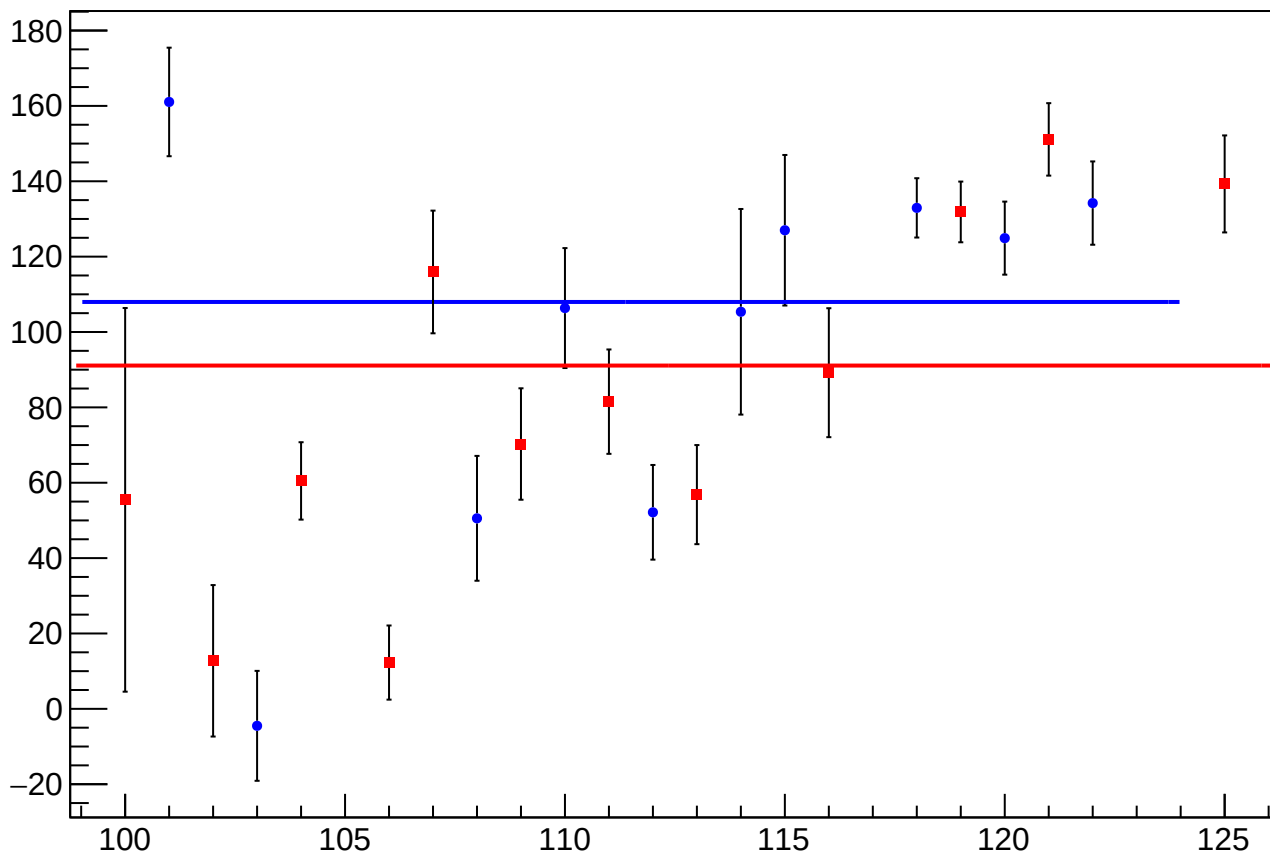
Right: 508.182+/-2.427 χ^2/NDF : 7601.9/21

In: 545.355+/-3.755 χ^2/NDF : 2287.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 508.182+/-2.427 χ^2/NDF : 7601.9/21

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: 91.096 $\pm$ 3.587 χ^2 /NDF: 179.0/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

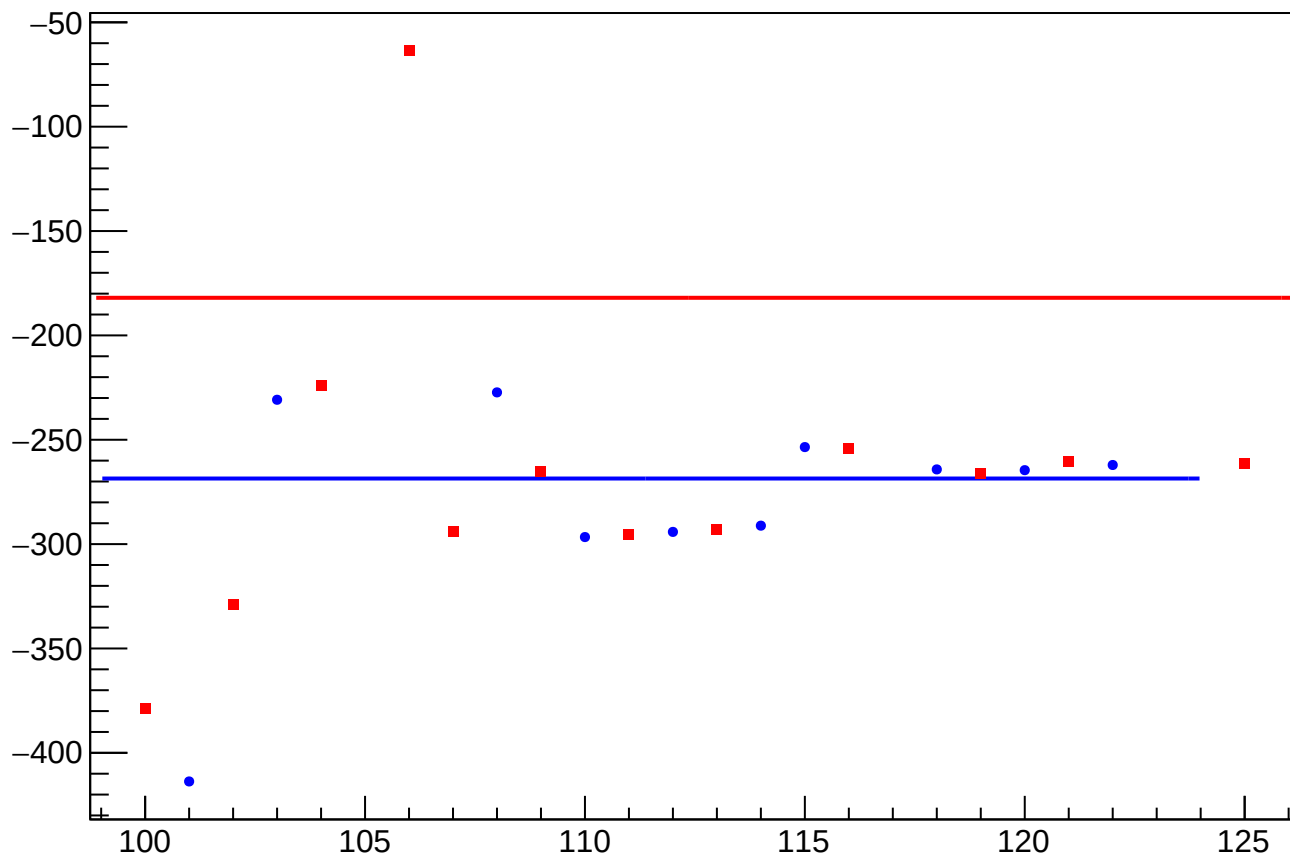
Right: 98.604 $\pm$ 2.673 χ^2 /NDF: 313.3/21

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: 98.604 $\pm$ 2.673 χ^2 /NDF: 313.3/21

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: -181.983+/-0.167 χ^2/NDF : 404651.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

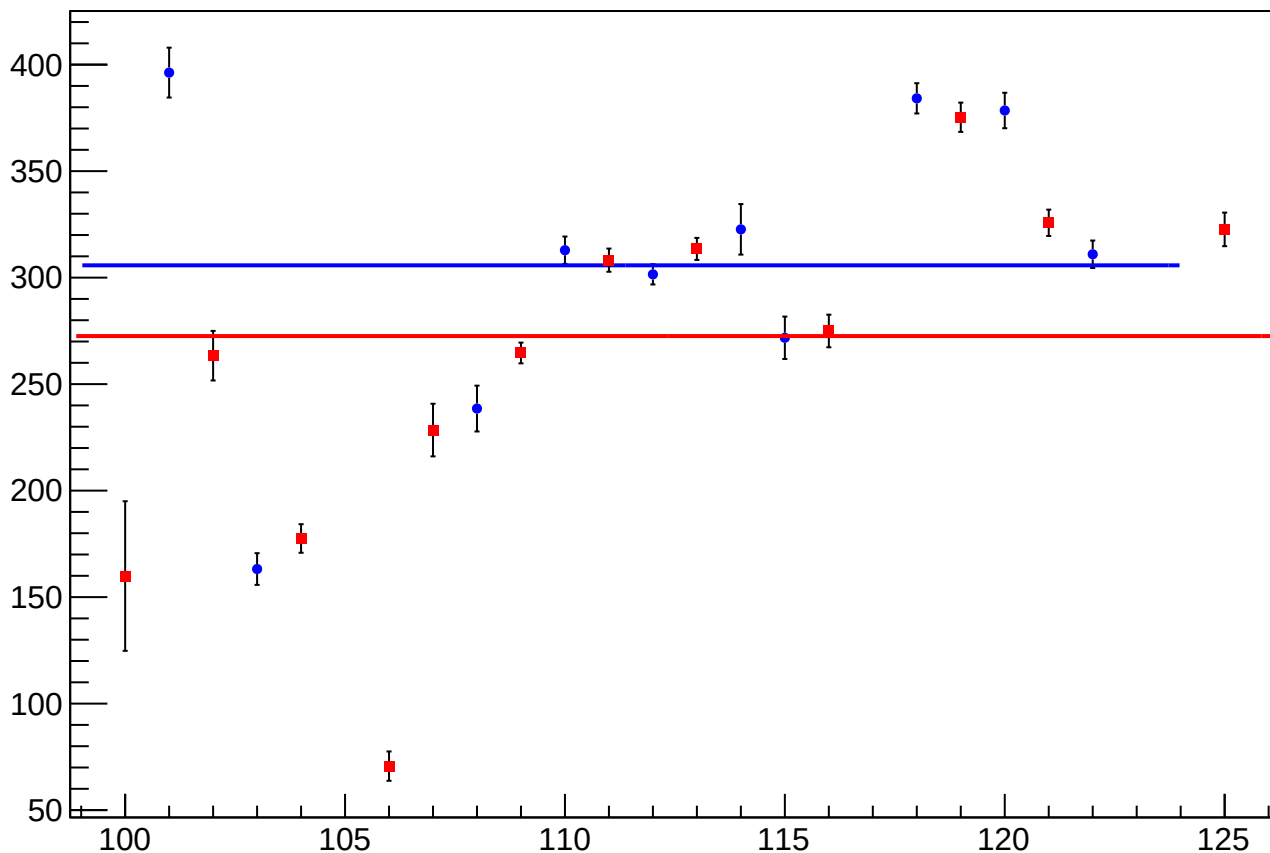
Right: -212.670+/-0.134 χ^2/NDF : 568018.7/21

In: -268.572+/-0.225 χ^2/NDF : 67674.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -212.670+/-0.134 χ^2/NDF : 568018.7/21

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: 272.559 $\pm$ 1.993 χ^2 /NDF: 1529.6/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

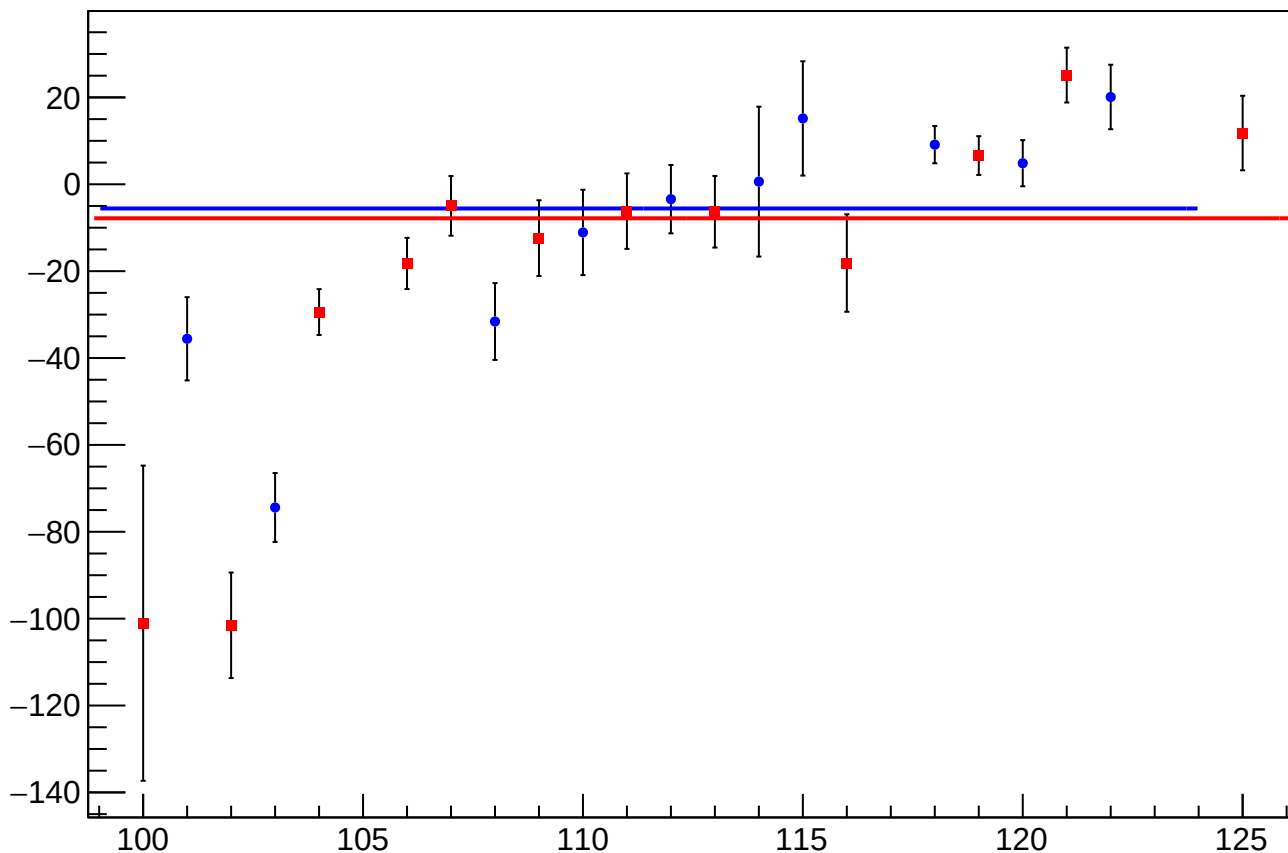
Right: 286.312 $\pm$ 1.525 χ^2 /NDF: 2324.4/21

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: 286.312 $\pm$ 1.525 χ^2 /NDF: 2324.4/21

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: -7.828 ± 2.079 χ^2/NDF : 130.2/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

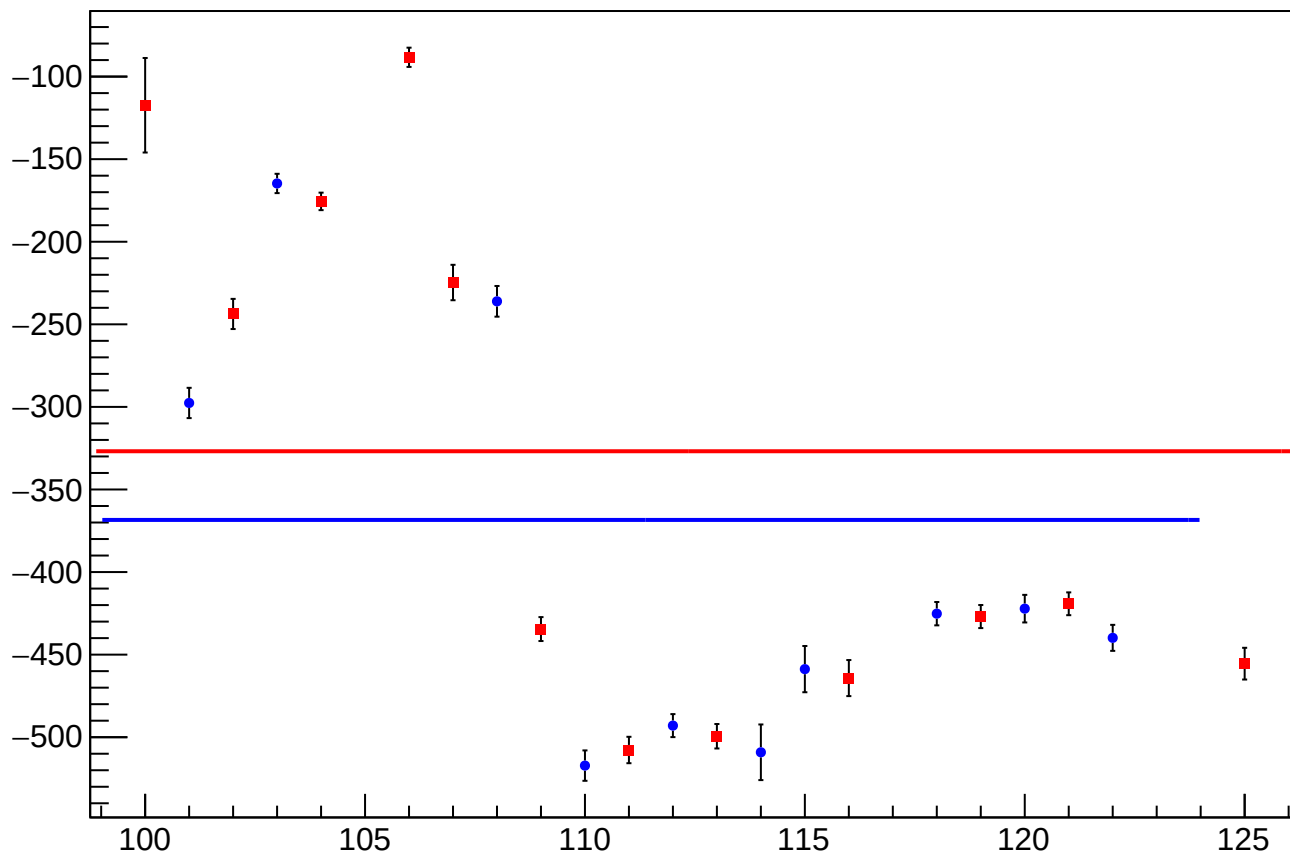
Right: -6.830 ± 1.553 χ^2/NDF : 255.1/21

In: -5.570 ± 2.336 χ^2/NDF : 124.3/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.830 ± 1.553 χ^2/NDF : 255.1/21

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: -326.851+/-2.232 χ^2/NDF : 4717.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

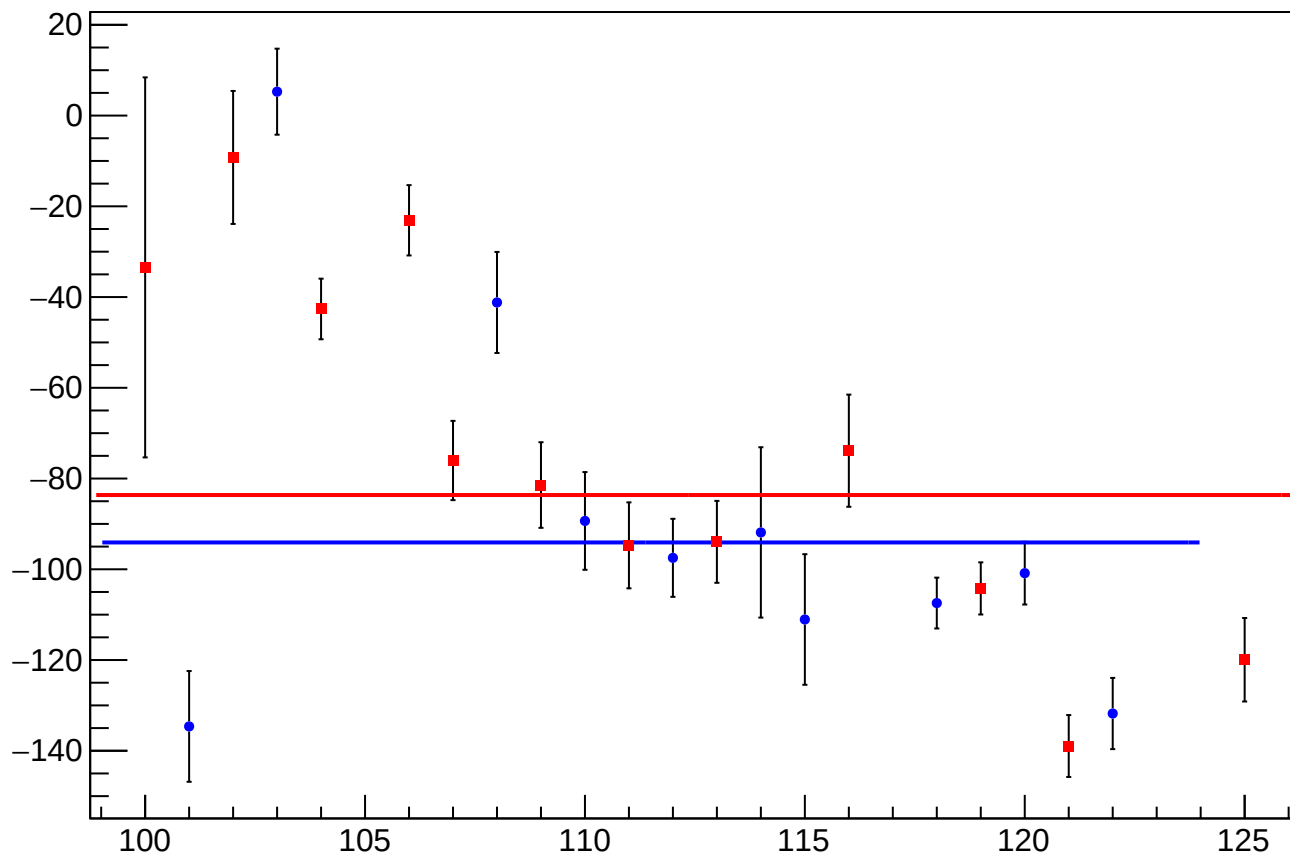
Right: -344.245+/-1.703 χ^2/NDF : 7220.2/21

In: -368.437+/-2.633 χ^2/NDF : 2357.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -344.245+/-1.703 χ^2/NDF : 7220.2/21

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: -83.633 ± 2.483 χ^2/NDF : 224.2/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

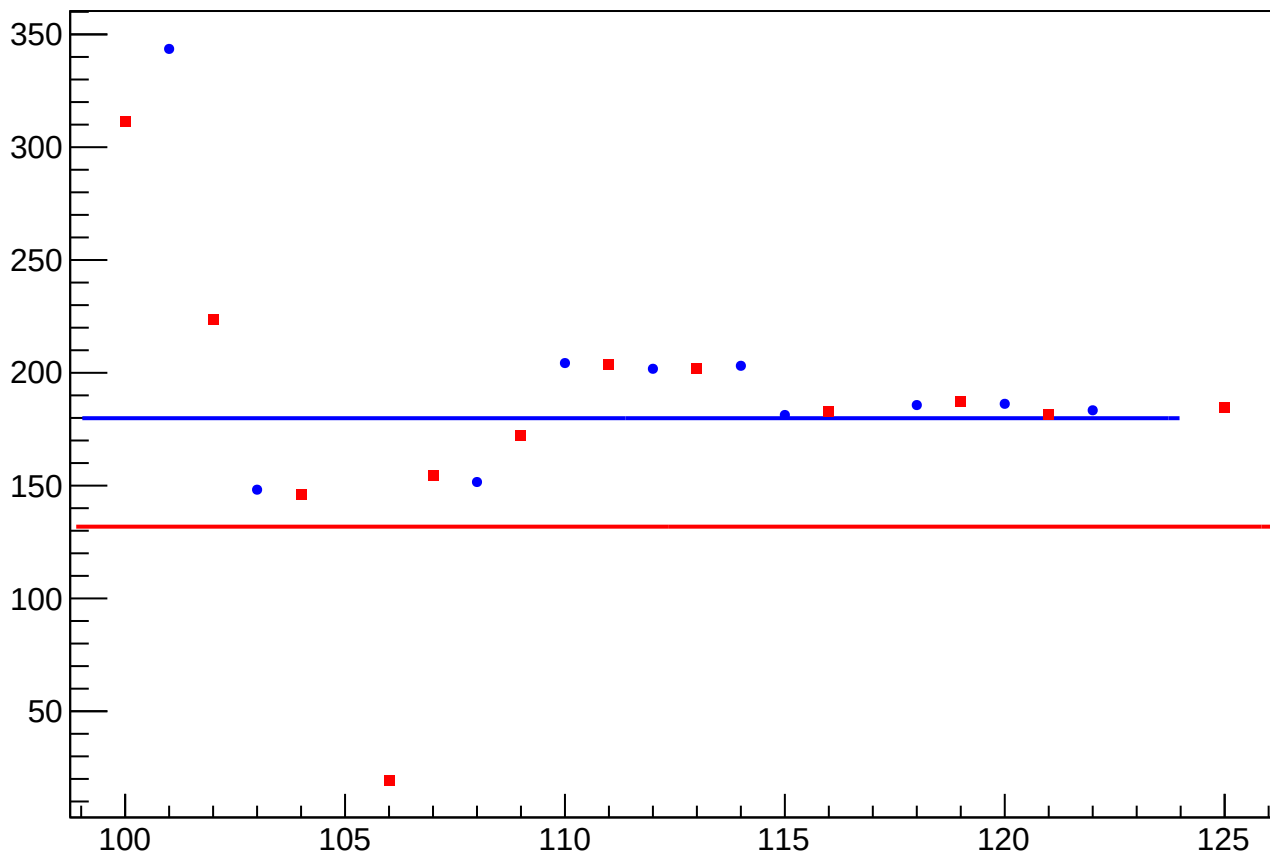
Right: -88.179 ± 1.867 χ^2/NDF : 406.8/21

In: -94.086 ± 2.831 χ^2/NDF : 174.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -88.179 ± 1.867 χ^2/NDF : 406.8/21

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: 131.812+/-0.124 χ^2/NDF : 370593.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

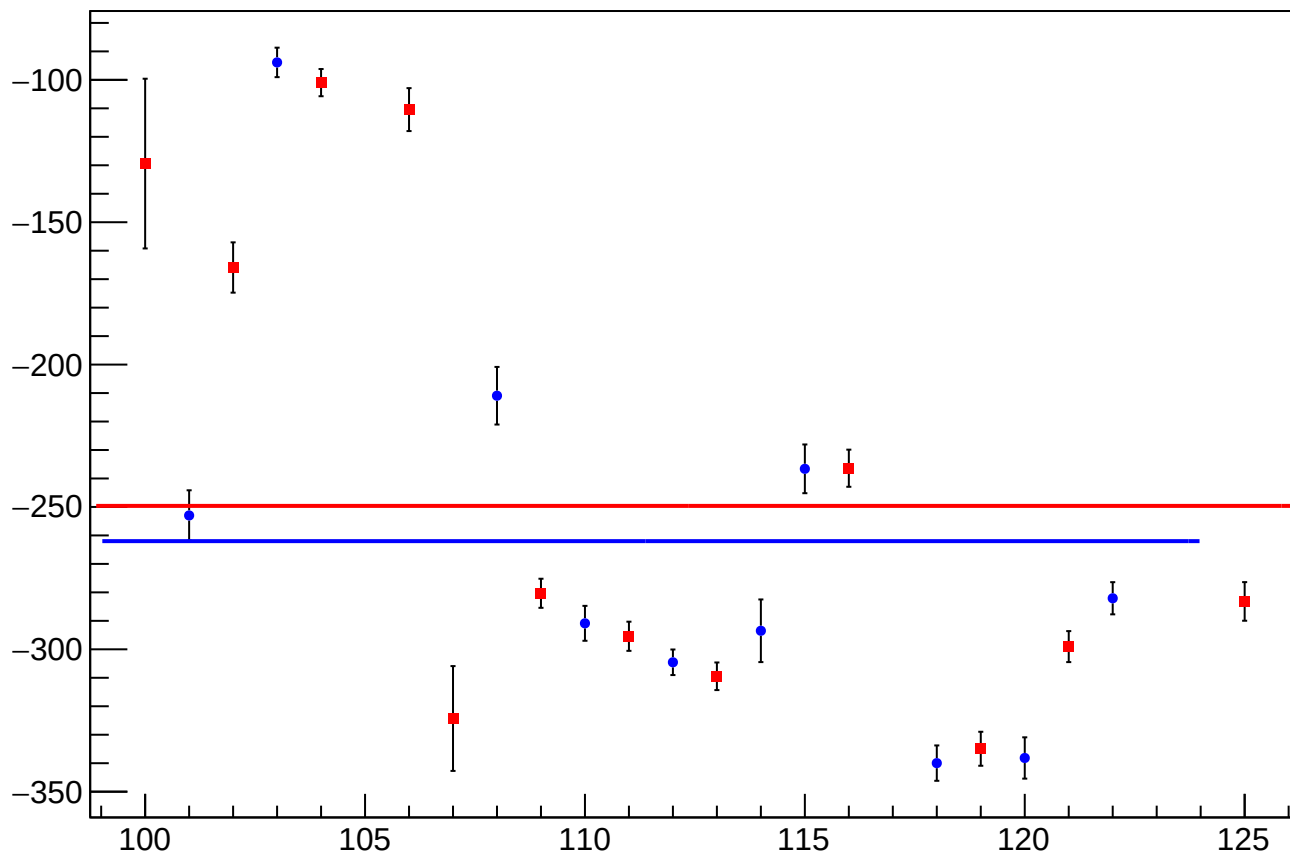
Right: 150.637+/-0.097 χ^2/NDF : 544208.2/21

In: 179.881+/-0.155 χ^2/NDF : 114863.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.637+/-0.097 χ^2/NDF : 544208.2/21

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: -249.628 ± 1.813 χ^2/NDF : 2015.1/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

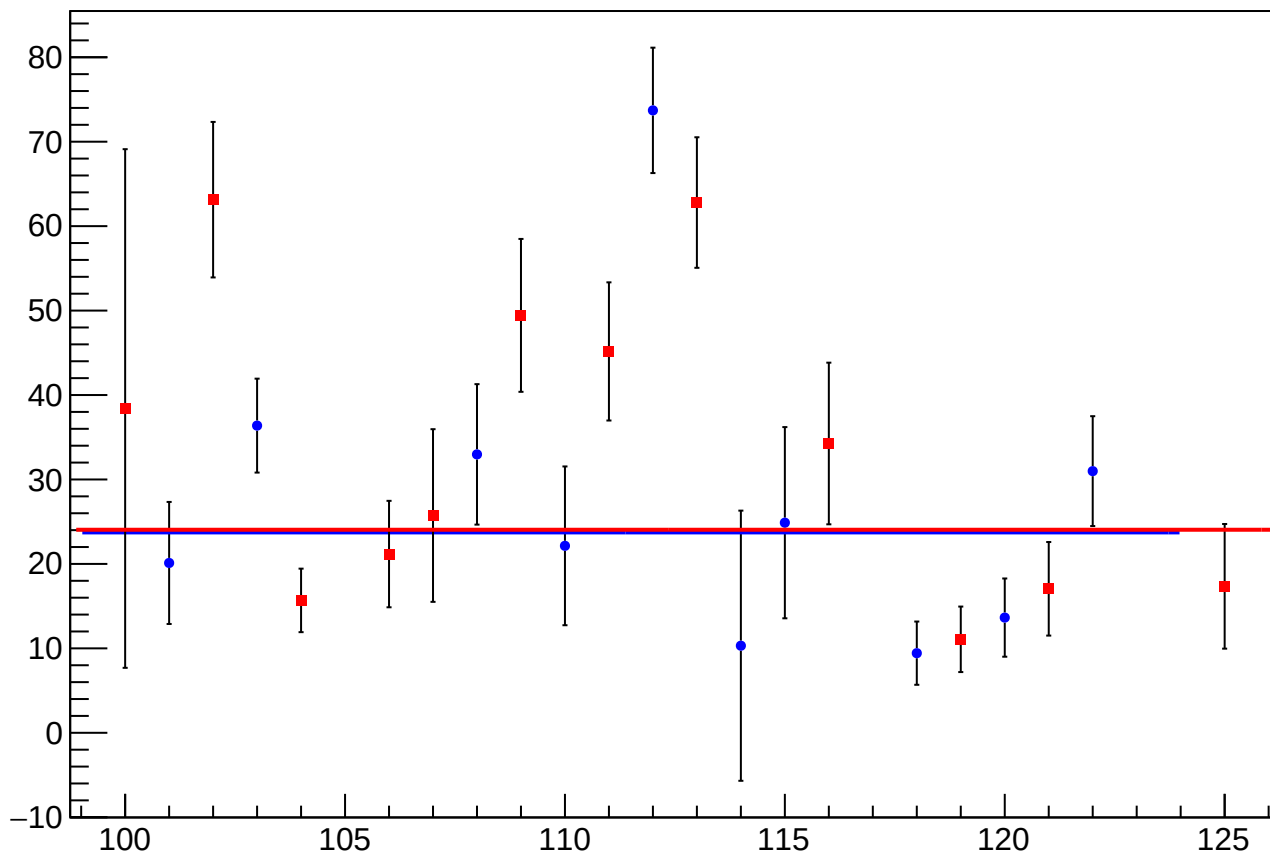
Right: -255.012 ± 1.363 χ^2/NDF : 3526.6/21

In: -262.006 ± 2.066 χ^2/NDF : 1491.2/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -255.012 ± 1.363 χ^2/NDF : 3526.6/21

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: 24.046+/-1.855 χ^2/NDF : 77.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

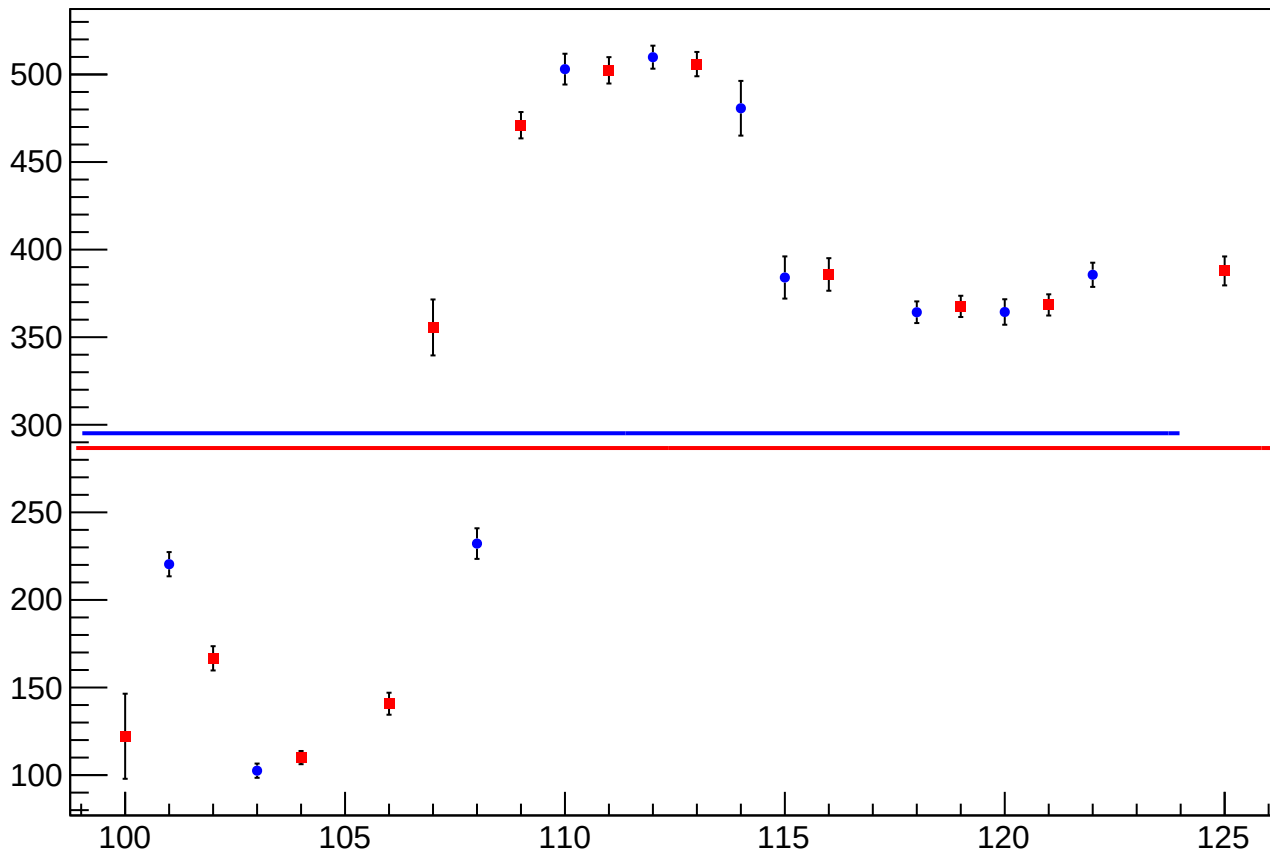
Right: 23.901+/-1.362 χ^2/NDF : 151.1/21

In: 23.731+/-2.005 χ^2/NDF : 73.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.901+/-1.362 χ^2/NDF : 151.1/21

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: 286.722+/-1.965 χ^2/NDF : 6144.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

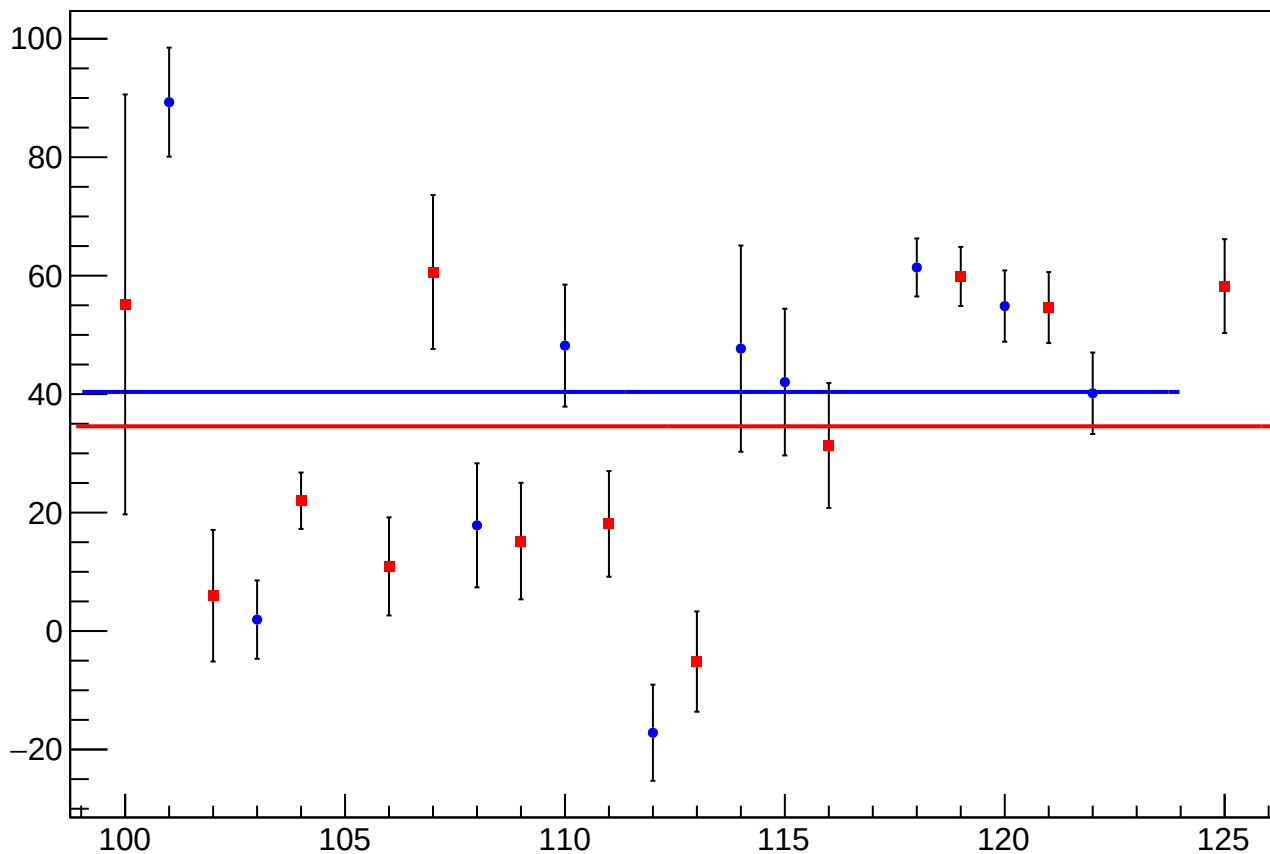
Right: 290.477+/-1.464 χ^2/NDF : 10776.2/21

In: 295.159+/-2.195 χ^2/NDF : 4623.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 290.477+/-1.464 χ^2/NDF : 10776.2/21

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: 34.571+/-2.218 χ^2/NDF : 101.4/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

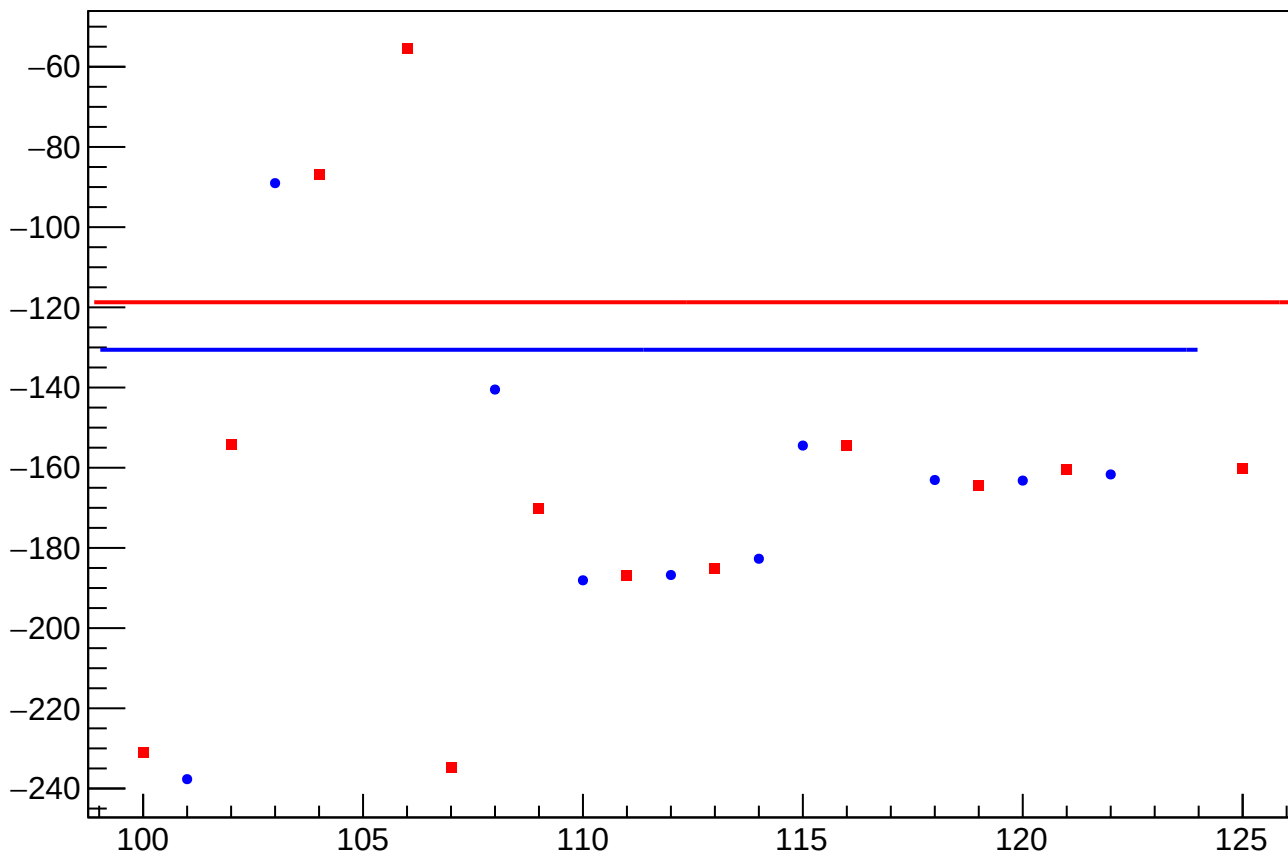
Right: 37.199+/-1.640 χ^2/NDF : 246.4/21

In: 40.369+/-2.435 χ^2/NDF : 141.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.199+/-1.640 χ^2/NDF : 246.4/21

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: -118.730+/-0.110 χ^2/NDF : 206246.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

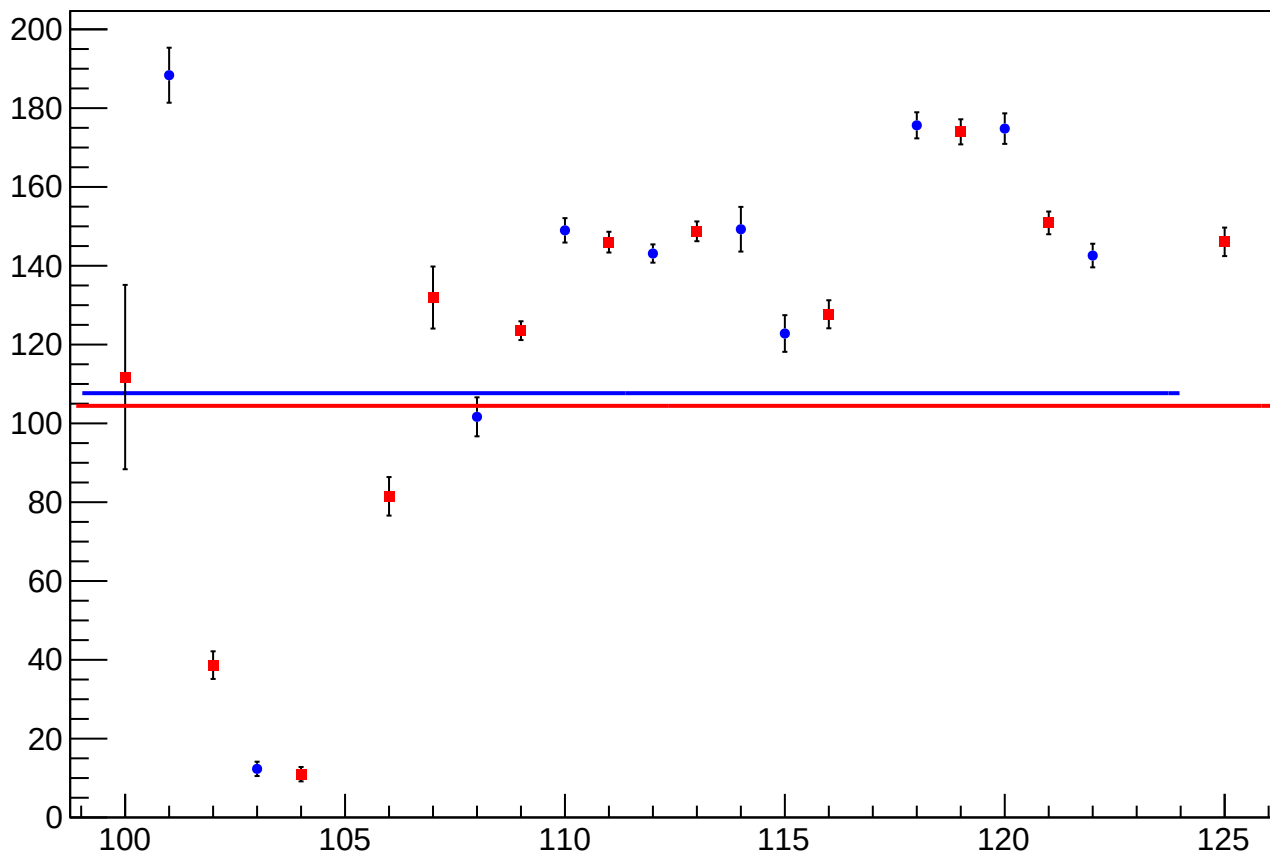
Right: -124.037+/-0.082 χ^2/NDF : 371798.4/21

In: -130.578+/-0.122 χ^2/NDF :160362.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -124.037+/-0.082 χ^2/NDF : 371798.4/21

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: 104.451 $\pm$ 0.879 χ^2 /NDF: 4540.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

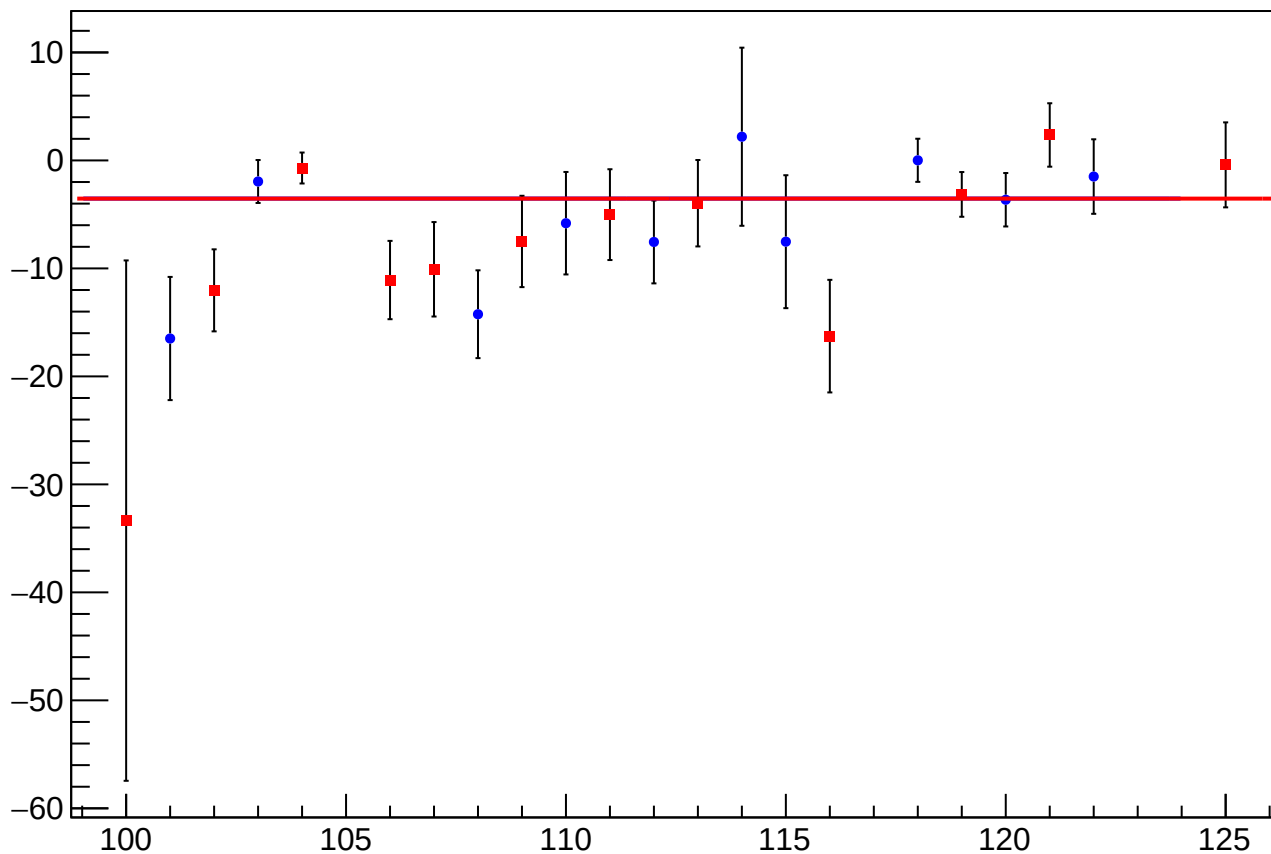
Right: 105.853 $\pm$ 0.660 χ^2 /NDF: 8767.0/21

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: 105.853 $\pm$ 0.660 χ^2 /NDF: 8767.0/21

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: -3.537+/-0.873 χ^2/NDF : 28.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

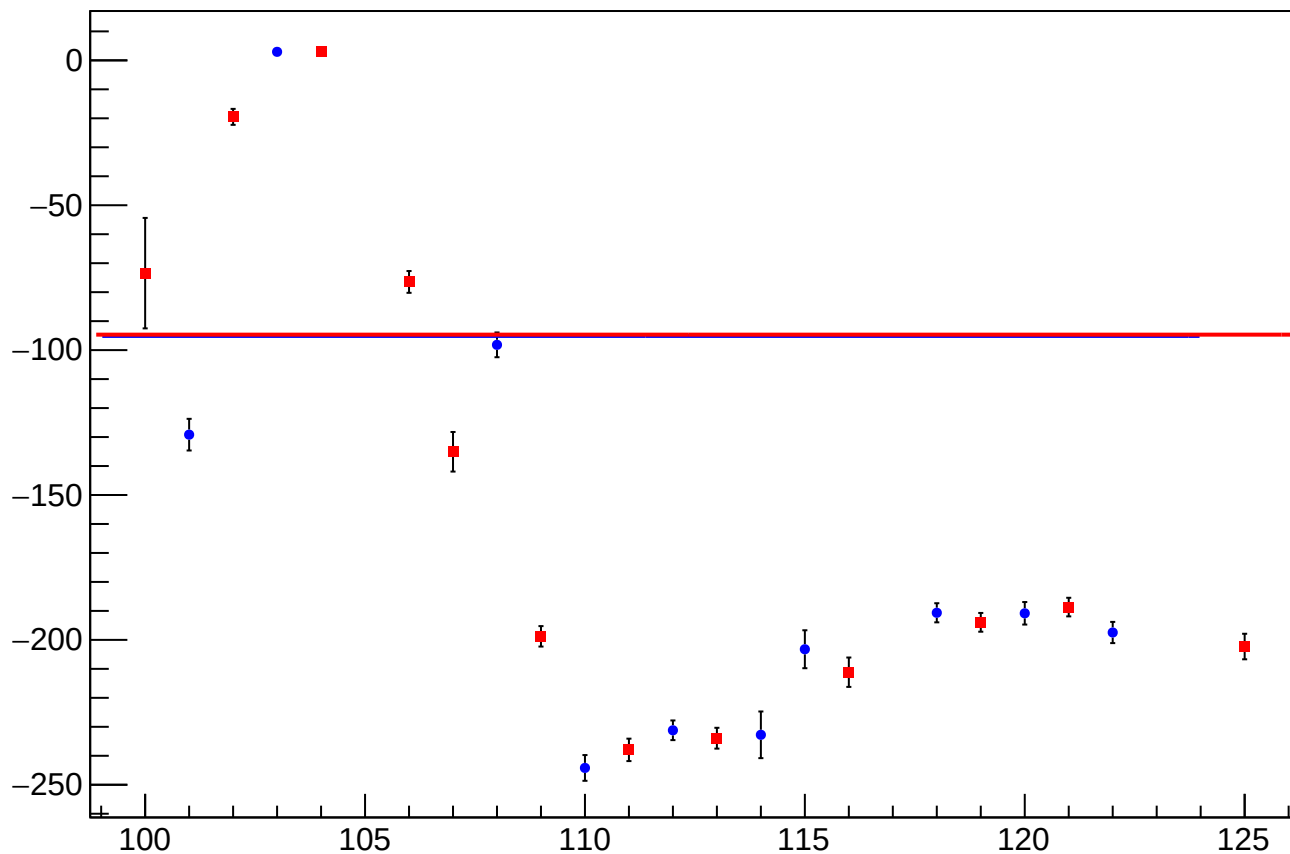
Right: -3.535+/-0.658 χ^2/NDF : 47.2/21

In: -3.532+/-1.002 χ^2/NDF : 18.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.535+/-0.658 χ^2/NDF : 47.2/21

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -95.098 $\pm$ 1.006 χ^2 /NDF: 10282.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -94.662 $\pm$ 0.907 χ^2 /NDF: 12059.7/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

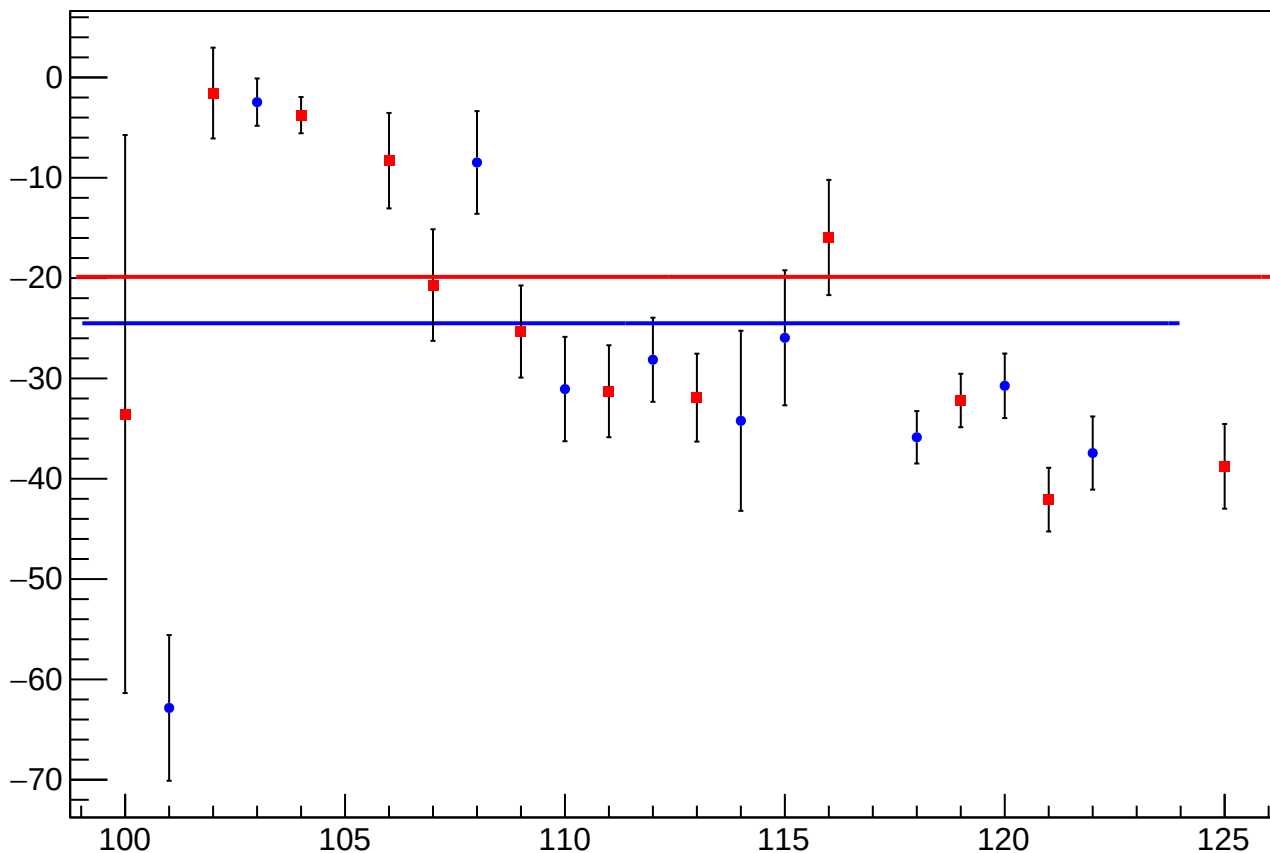
Right: -94.857 $\pm$ 0.674 χ^2 /NDF: 22342.2/21

In: -95.098 $\pm$ 1.006 χ^2 /NDF:10282.4/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -94.857 $\pm$ 0.674 χ^2 /NDF: 22342.2/21

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -24.503 $\pm$ 1.210 χ^2 /NDF: 163.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -19.878 $\pm$ 1.050 χ^2 /NDF: 208.2/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

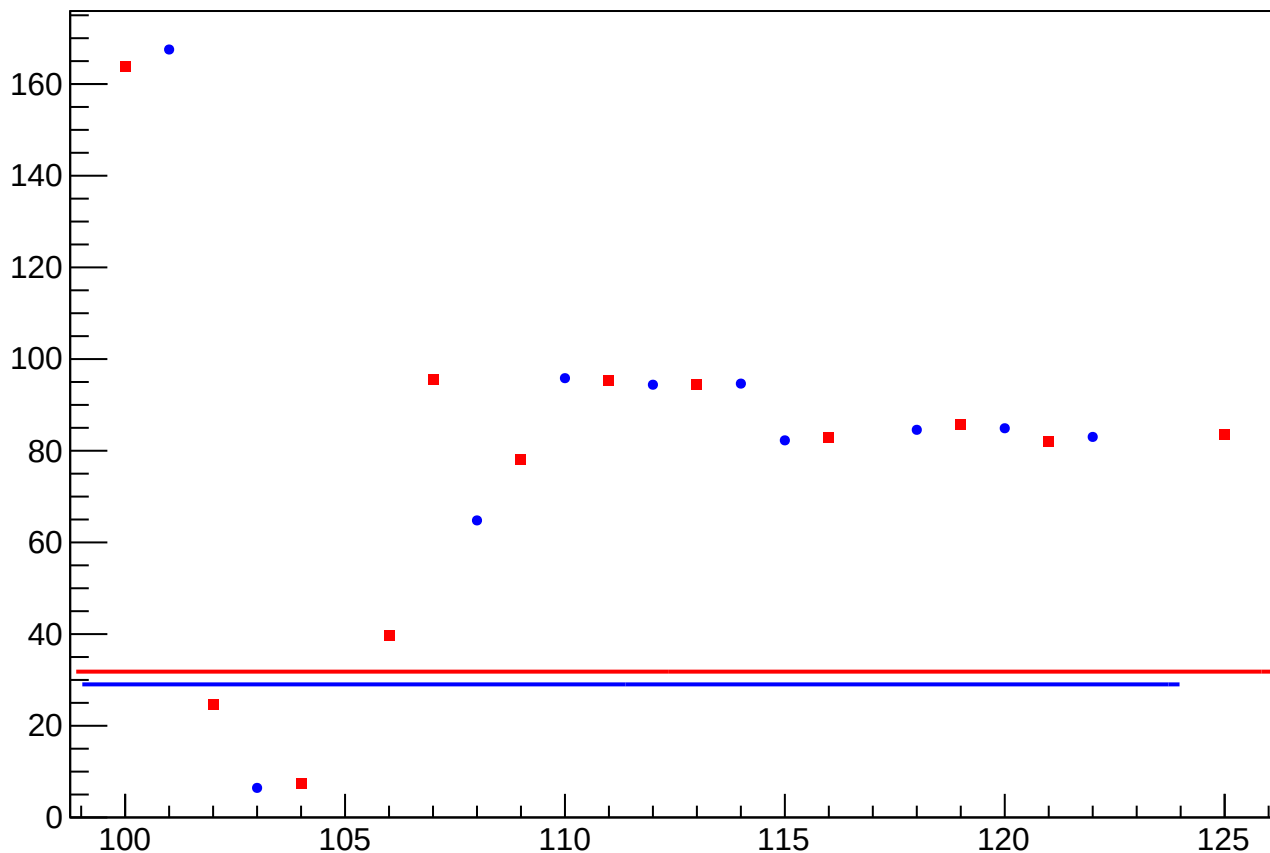
Right: -21.865 $\pm$ 0.793 χ^2 /NDF: 380.3/21

In: -24.503 $\pm$ 1.210 χ^2 /NDF:163.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -21.865 $\pm$ 0.793 χ^2 /NDF: 380.3/21

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: 31.812+/-0.049 χ^2/NDF : 456337.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

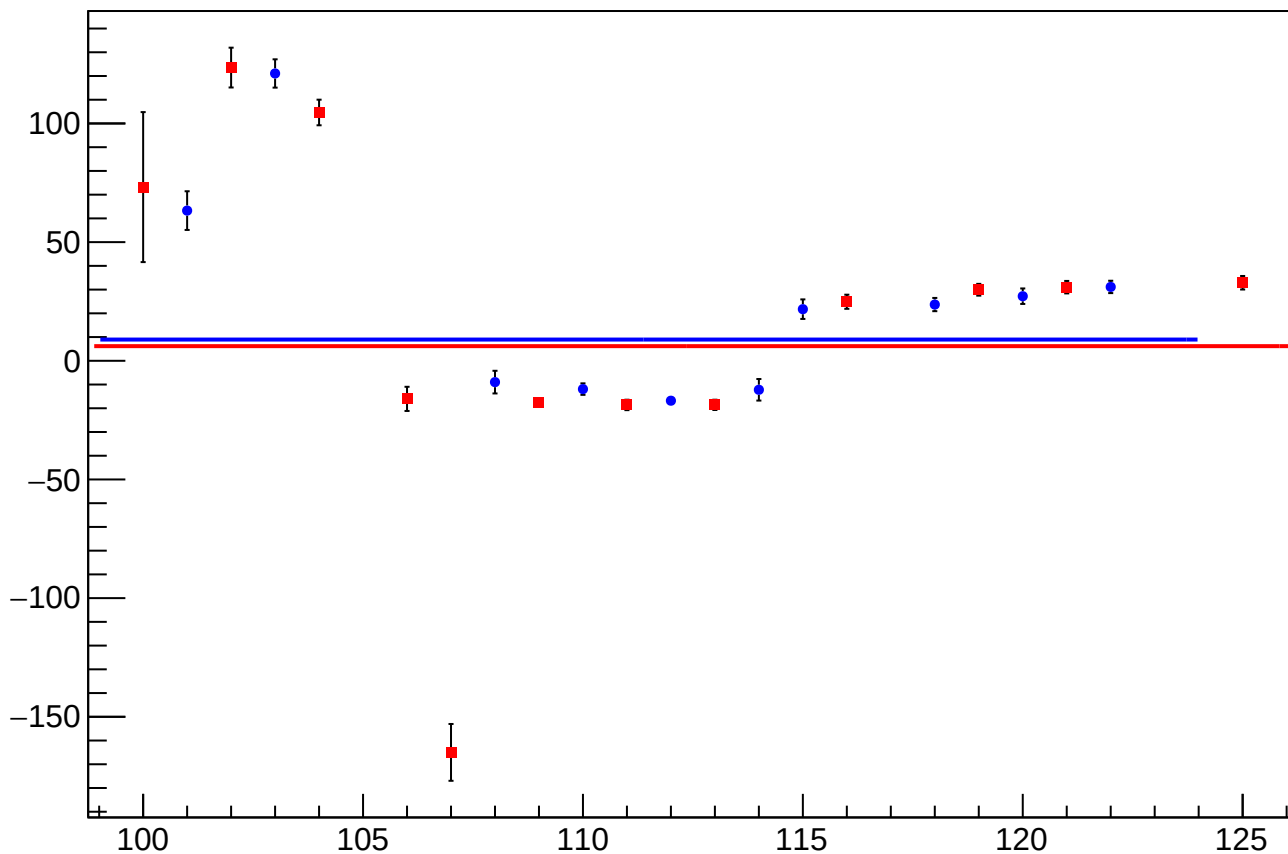
Right: 30.458+/-0.035 χ^2/NDF : 1059881.9/21

In: 29.031+/-0.050 χ^2/NDF :601983.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 30.458+/-0.035 χ^2/NDF : 1059881.9/21

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: 6.171+/-0.880 χ^2/NDF : 1455.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

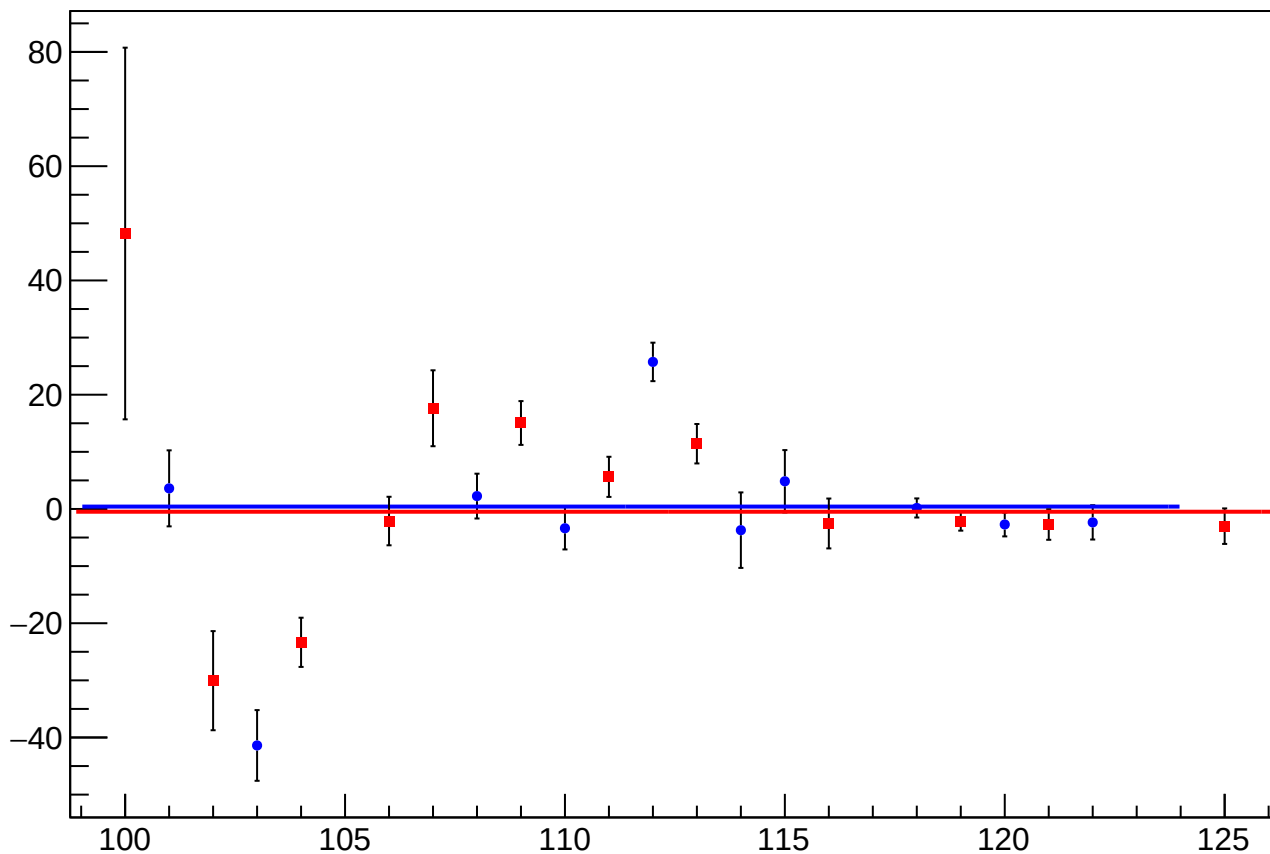
Right: 7.368+/-0.664 χ^2/NDF : 2269.8/21

In: 8.950+/-1.012 χ^2/NDF : 810.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.368+/-0.664 χ^2/NDF : 2269.8/21

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: -0.484+/-0.980 χ^2/NDF : 83.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

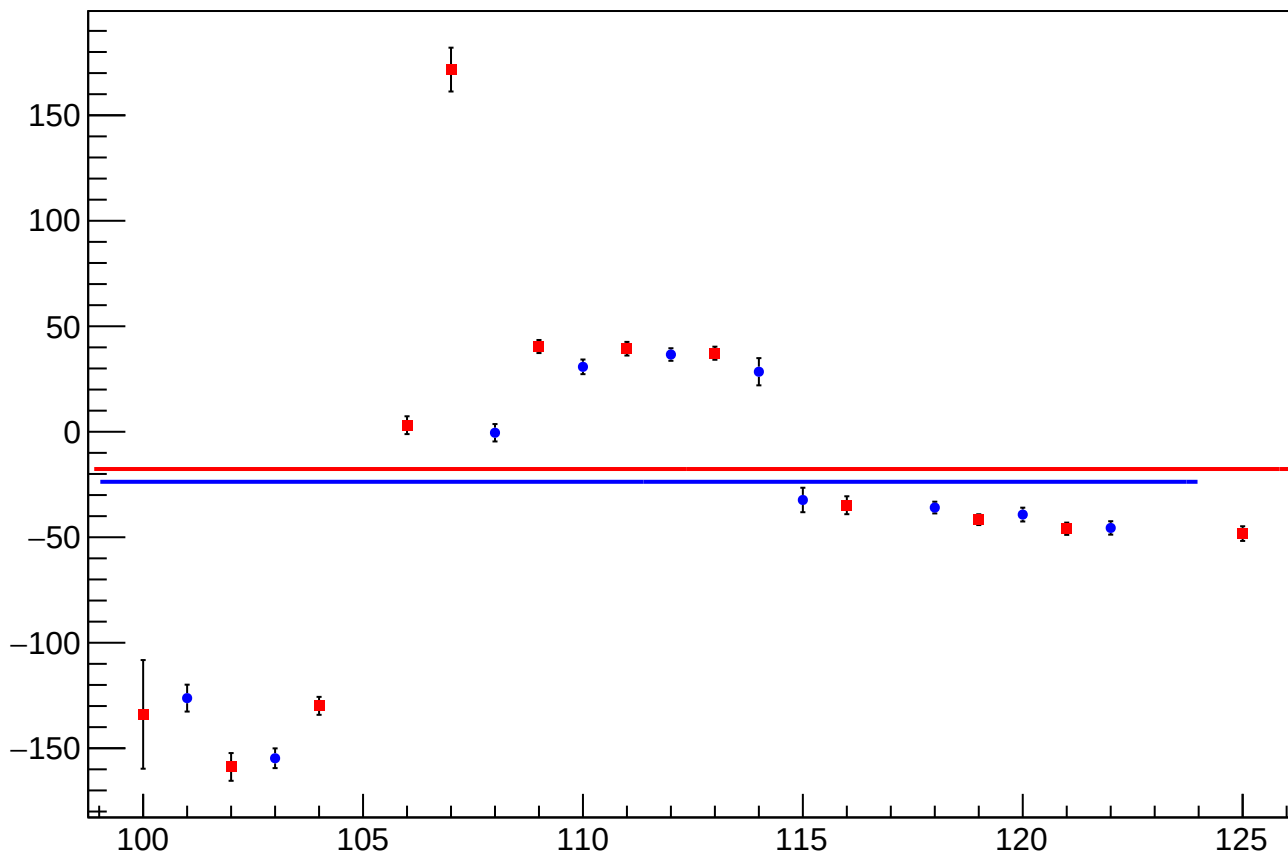
Right: -0.036+/-0.695 χ^2/NDF : 191.8/21

In: 0.417+/-0.985 χ^2/NDF : 107.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.036+/-0.695 χ^2/NDF : 191.8/21

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -23.714+/-1.195 χ^2/NDF : 1888.9/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.656+/-1.079 χ^2/NDF : 2787.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

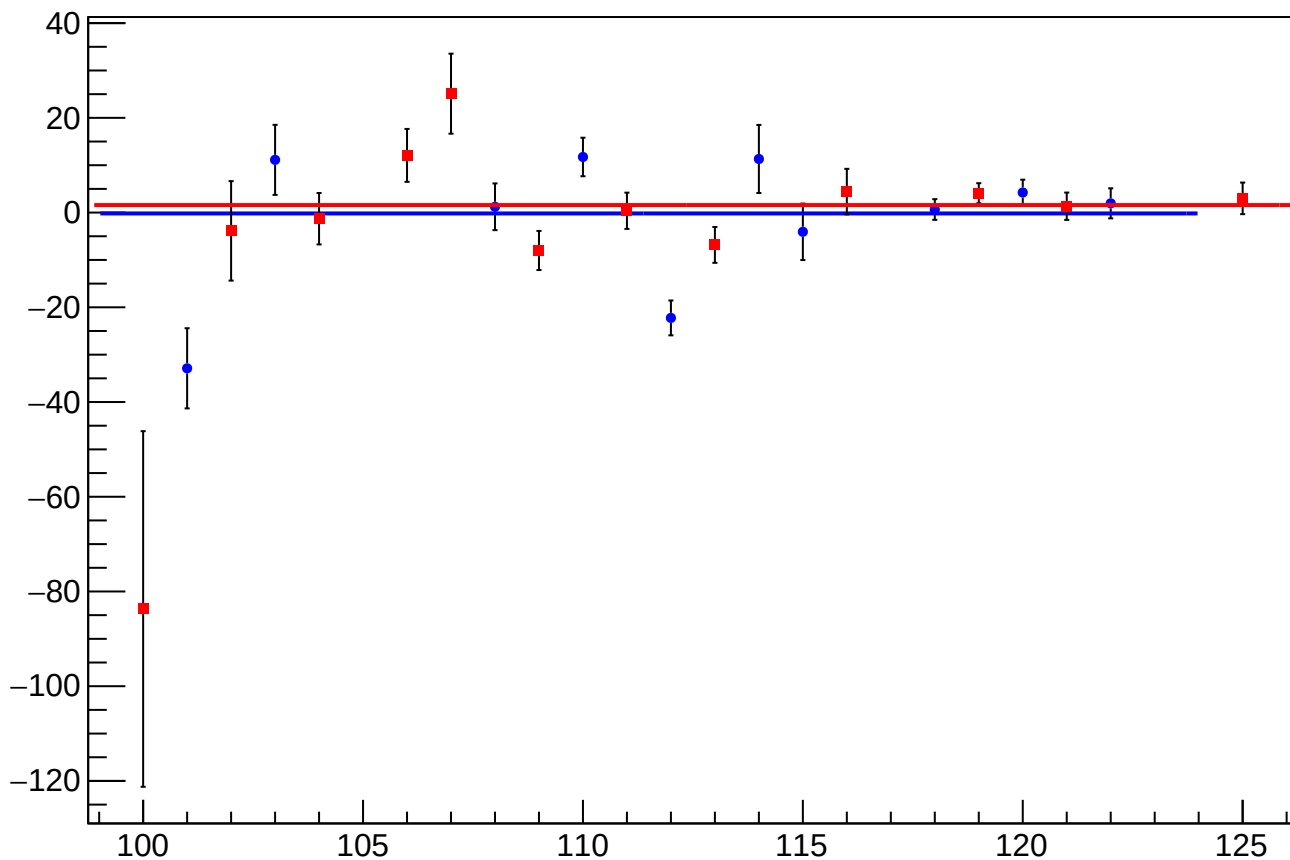
Right: -20.377+/-0.801 χ^2/NDF : 4690.6/21

In: -23.714+/-1.195 χ^2/NDF : 1888.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.377+/-0.801 χ^2/NDF : 4690.6/21

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: 1.585+/-1.145 χ^2 /NDF: 29.4/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

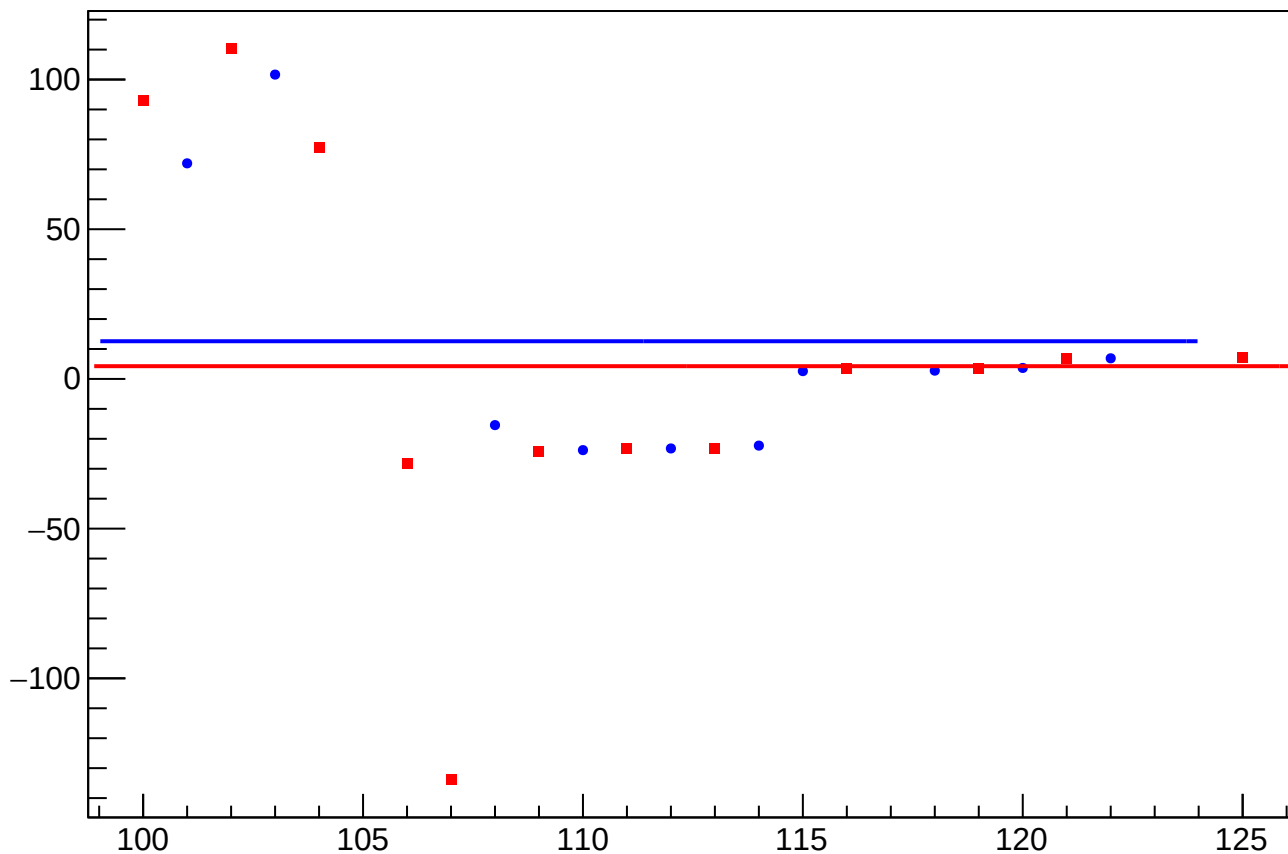
Right: 0.738+/-0.827 χ^2 /NDF: 98.6/21

In: -0.184+/-1.195 χ^2 /NDF:68.1/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.738+/-0.827 χ^2 /NDF: 98.6/21

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: 4.257+/-0.073 χ^2/NDF : 446354.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

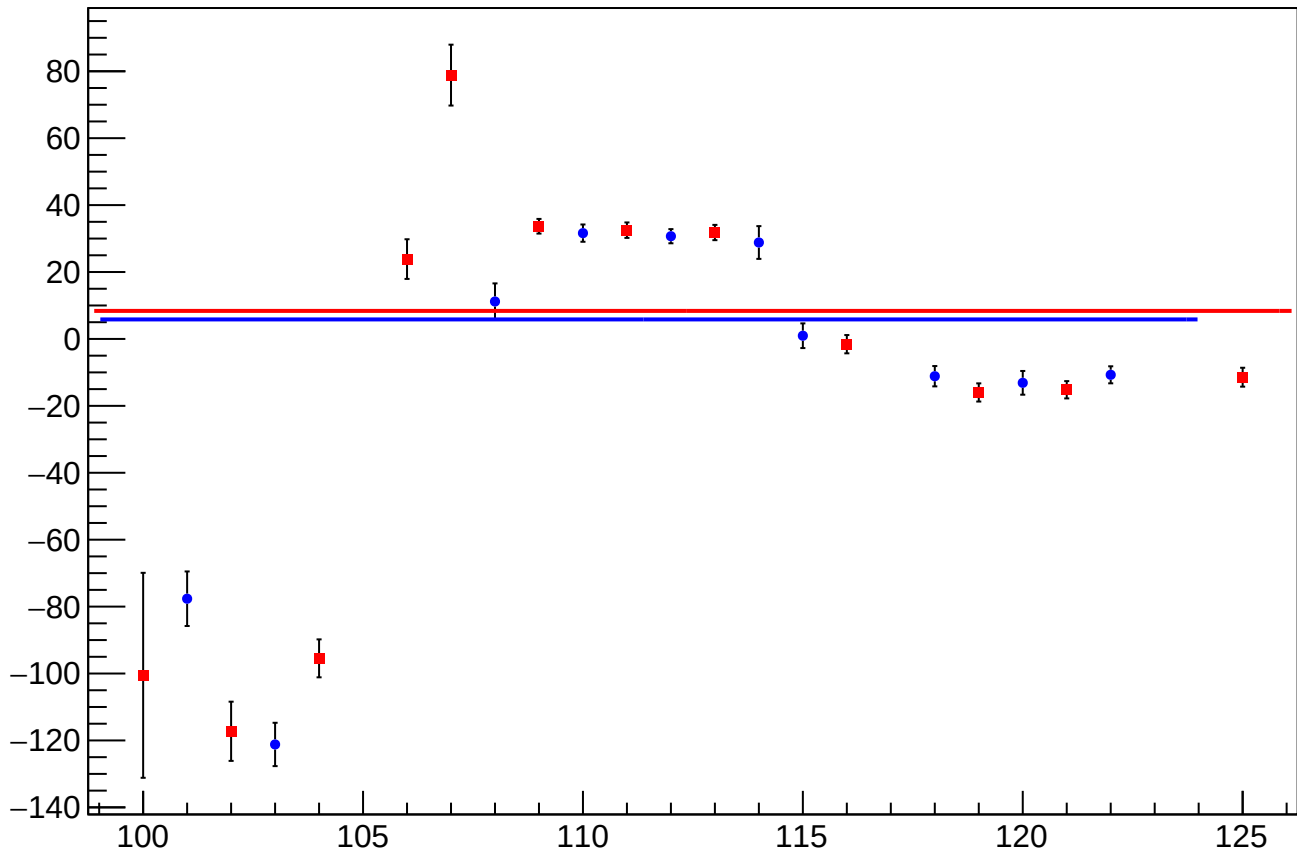
Right: 8.122+/-0.054 χ^2/NDF : 759802.8/21

In: 12.589+/-0.079 χ^2/NDF : 307428.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.122+/-0.054 χ^2/NDF : 759802.8/21

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: 8.378+/-0.906 χ^2/NDF : 1190.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

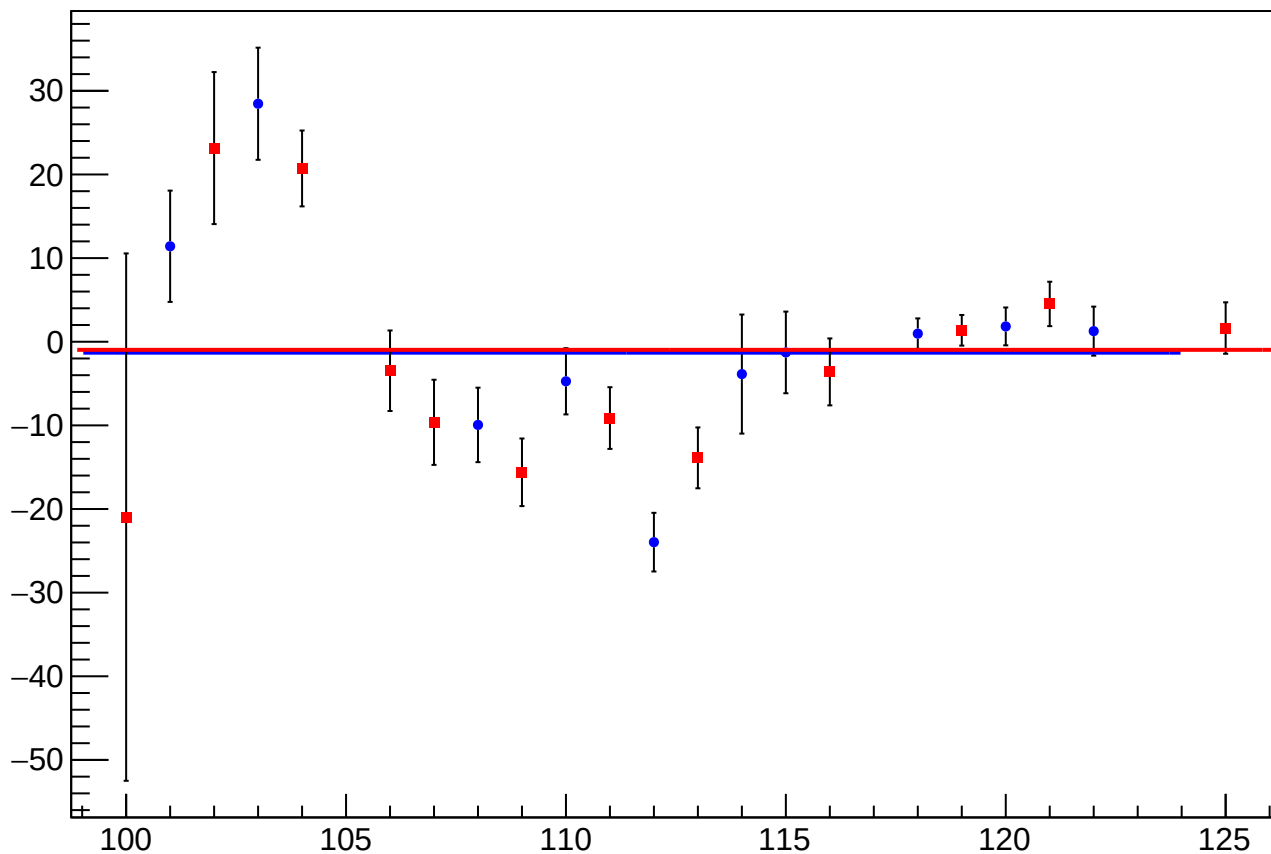
Right: 7.293+/-0.687 χ^2/NDF : 2048.2/21

In: 5.830+/-1.052 χ^2/NDF : 854.2/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.293+/-0.687 χ^2/NDF : 2048.2/21

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: -0.969+/-1.020 χ^2 /NDF: 71.2/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

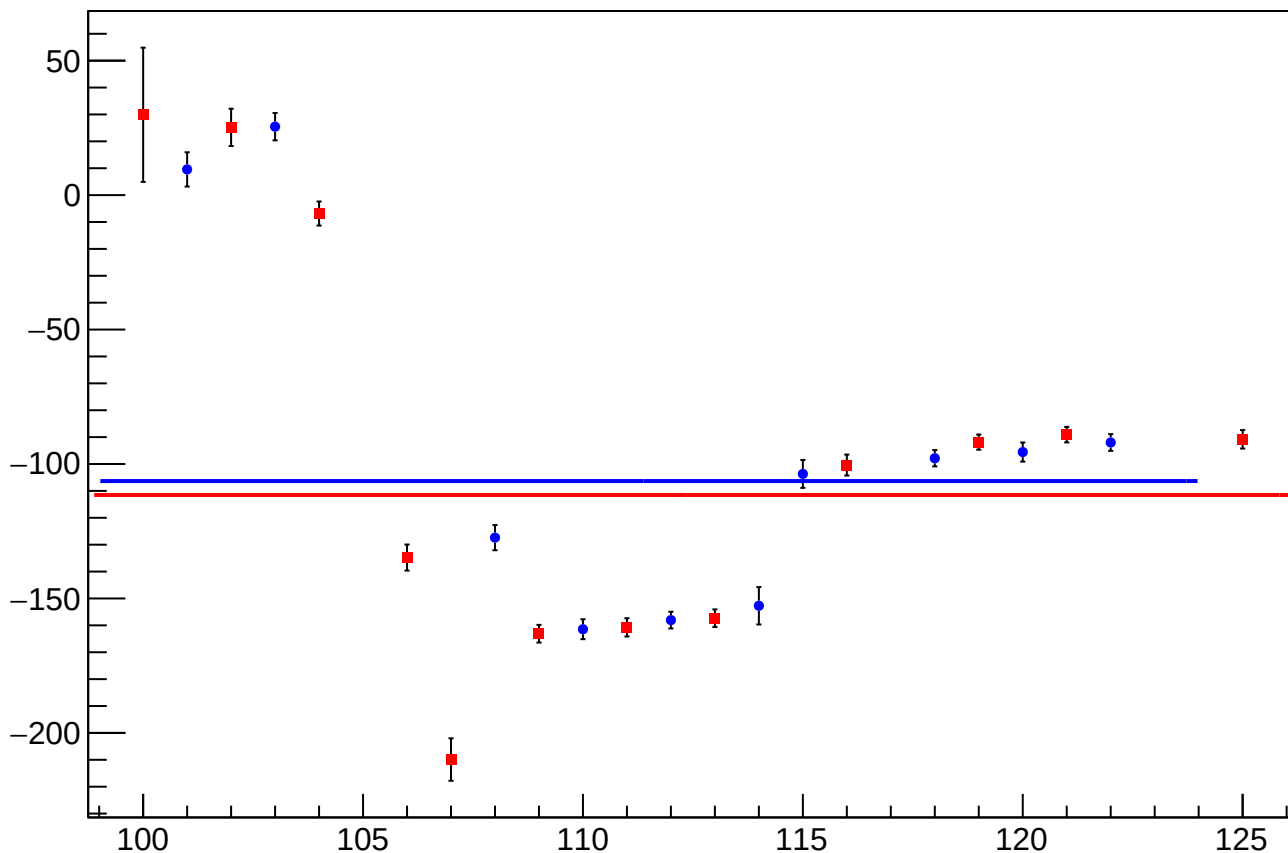
Right: -1.133+/-0.730 χ^2 /NDF: 145.2/21

In: -1.306+/-1.046 χ^2 /NDF:74.0/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1.133+/-0.730 χ^2 /NDF: 145.2/21

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: -111.517+/-1.118 χ^2/NDF : 1953.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

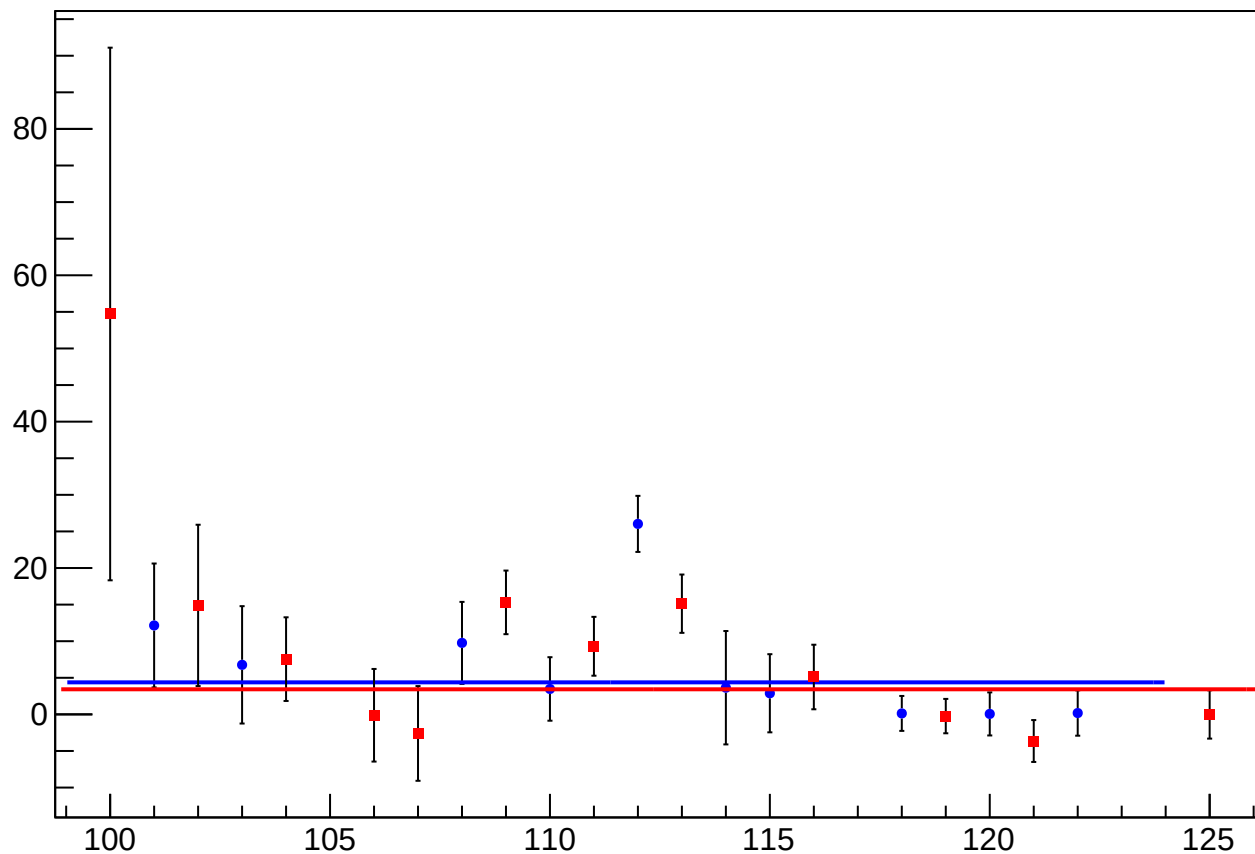
Right: -109.224+/-0.835 χ^2/NDF : 3570.2/21

In: -106.340+/-1.254 χ^2/NDF : 1606.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -109.224+/-0.835 χ^2/NDF : 3570.2/21

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: 3.428+/-1.184 χ^2/NDF : 32.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

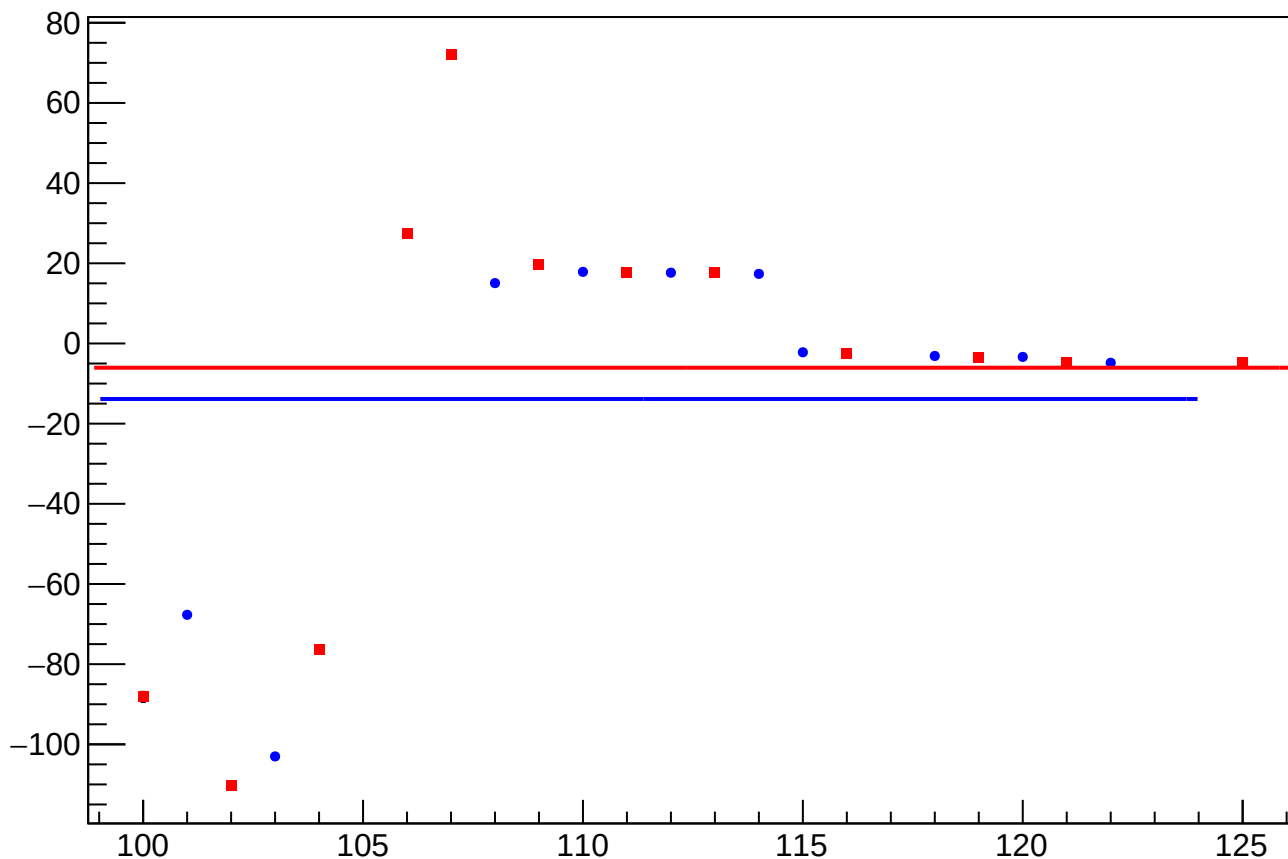
Right: 3.874+/-0.863 χ^2/NDF : 74.1/21

In: 4.378+/-1.260 χ^2/NDF : 41.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.874+/-0.863 χ^2/NDF : 74.1/21

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: -6.045+/-0.076 χ^2/NDF : 338812.0/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

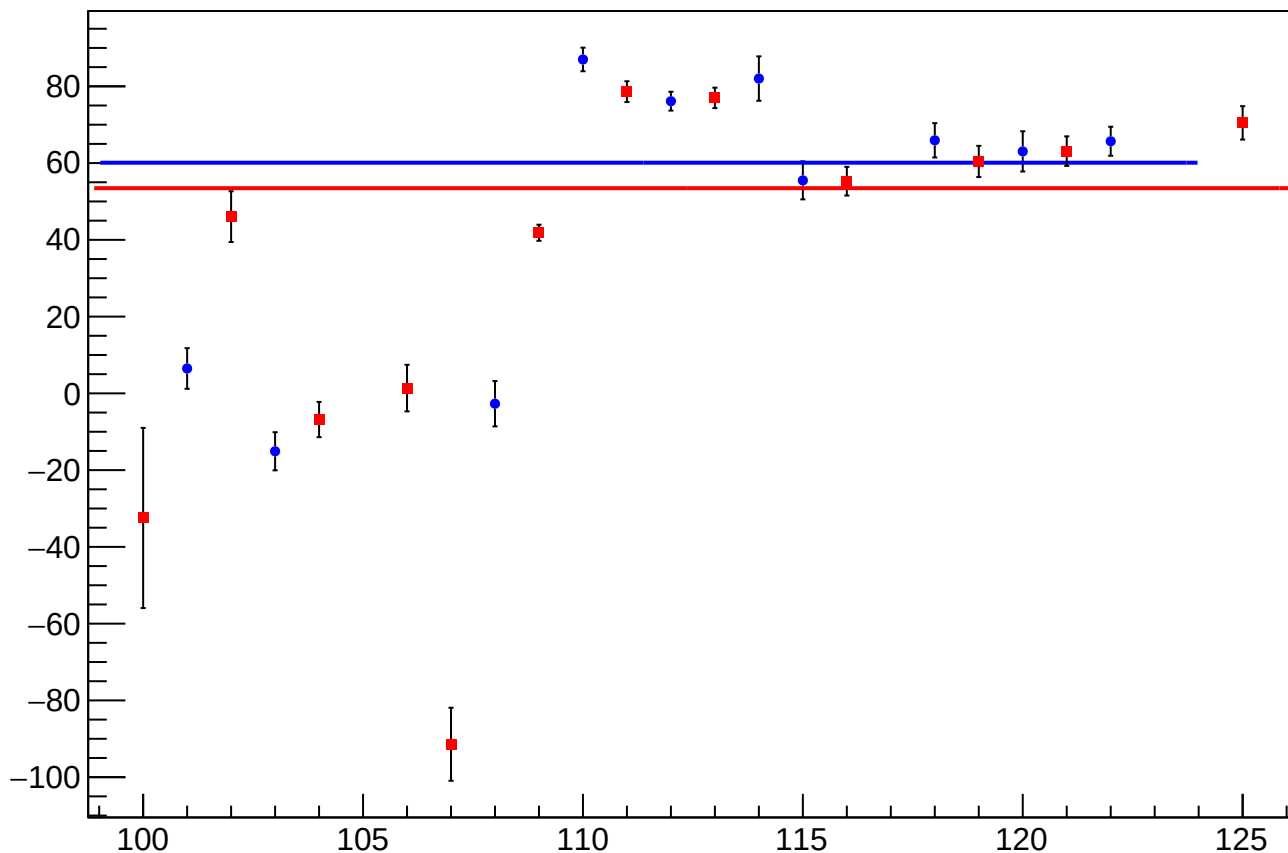
Right: -9.581+/-0.056 χ^2/NDF : 598307.9/21

In: -13.847+/-0.084 χ^2/NDF : 254749.5/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.581+/-0.056 χ^2/NDF : 598307.9/21

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: 53.462+/-1.073 χ^2/NDF : 712.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

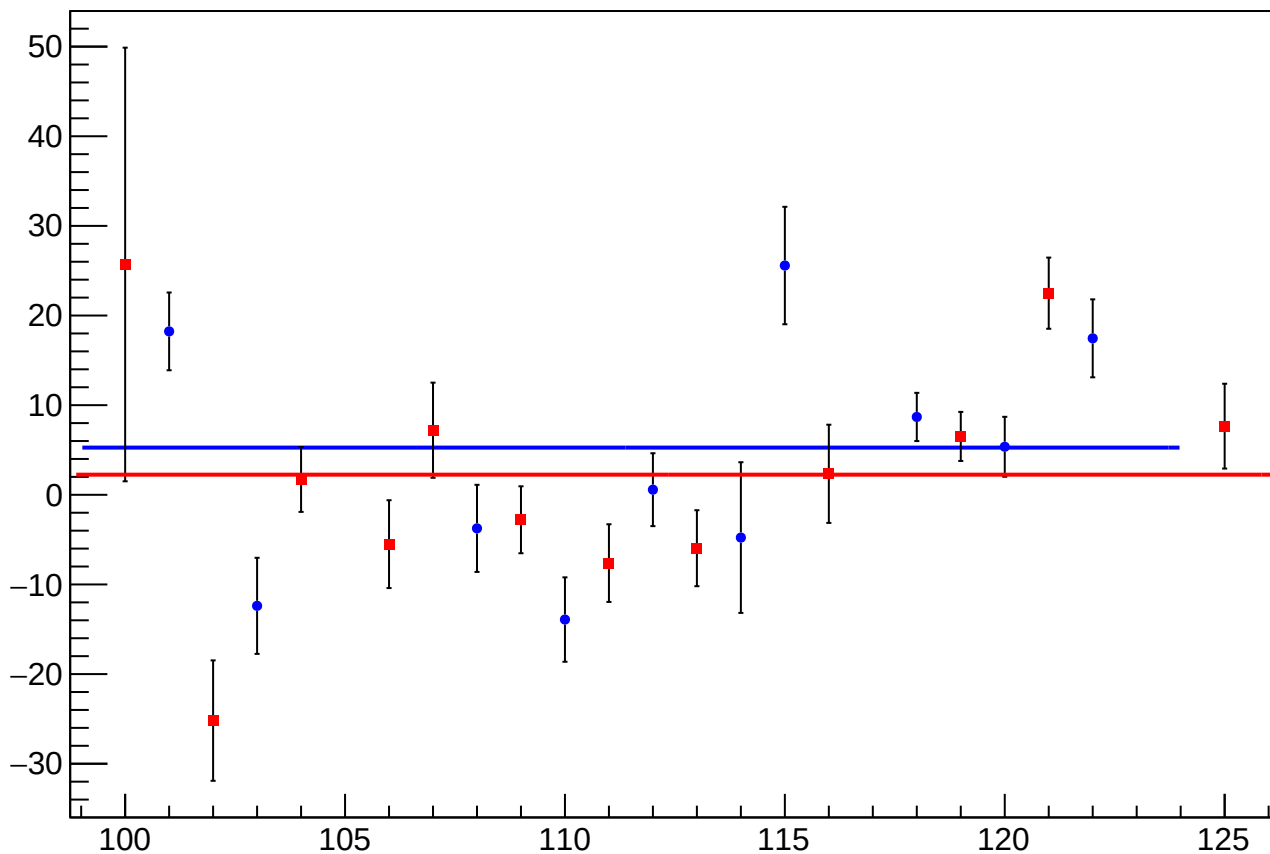
Right: 56.182+/-0.824 χ^2/NDF : 1311.4/21

In: 60.097+/-1.287 χ^2/NDF : 583.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.182+/-0.824 χ^2/NDF : 1311.4/21

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.267 $\pm$ 1.343 χ^2 /NDF: 61.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.247 $\pm$ 1.257 χ^2 /NDF: 61.5/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

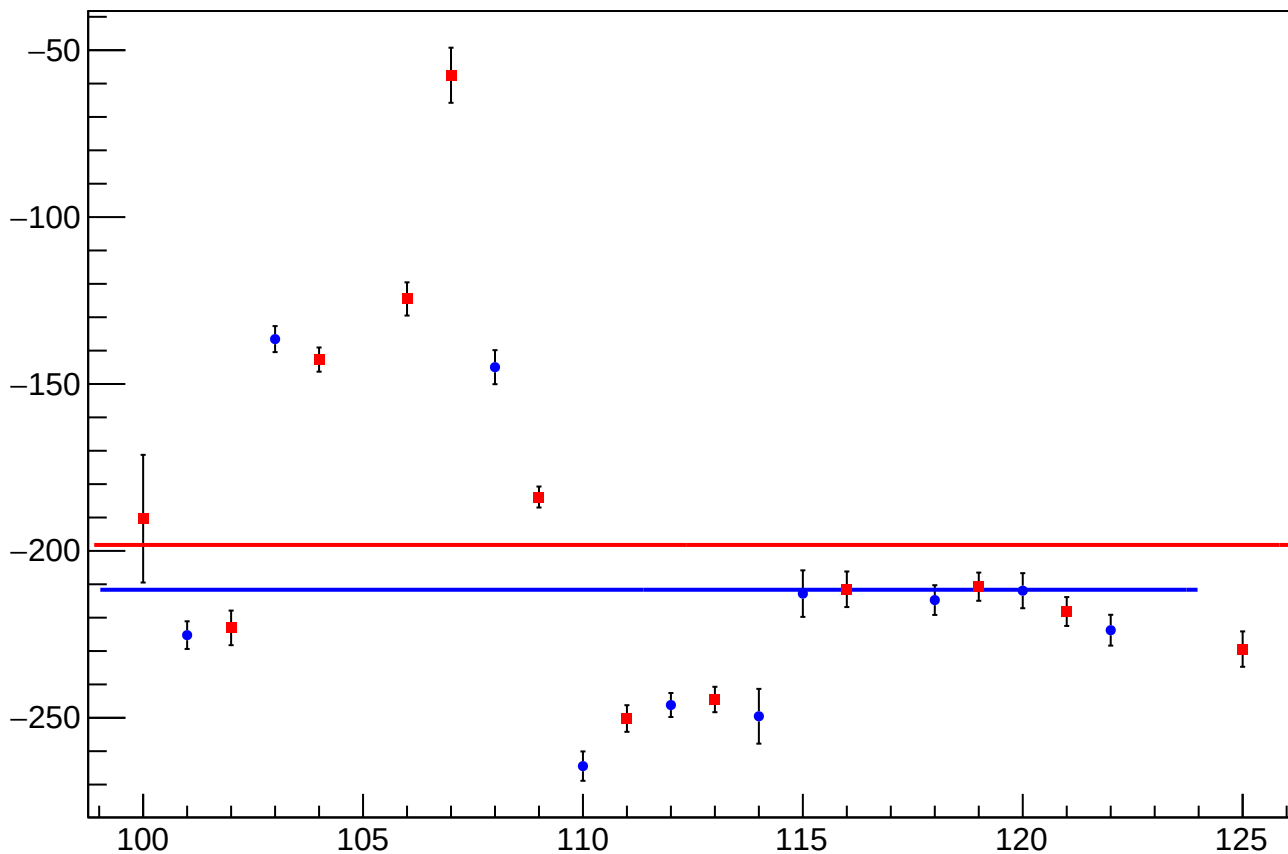
Right: 3.657 $\pm$ 0.918 χ^2 /NDF: 125.9/21

In: 5.267 $\pm$ 1.343 χ^2 /NDF:61.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.657 $\pm$ 0.918 χ^2 /NDF: 125.9/21

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: -198.216+/-1.308 χ^2 /NDF: 1177.1/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

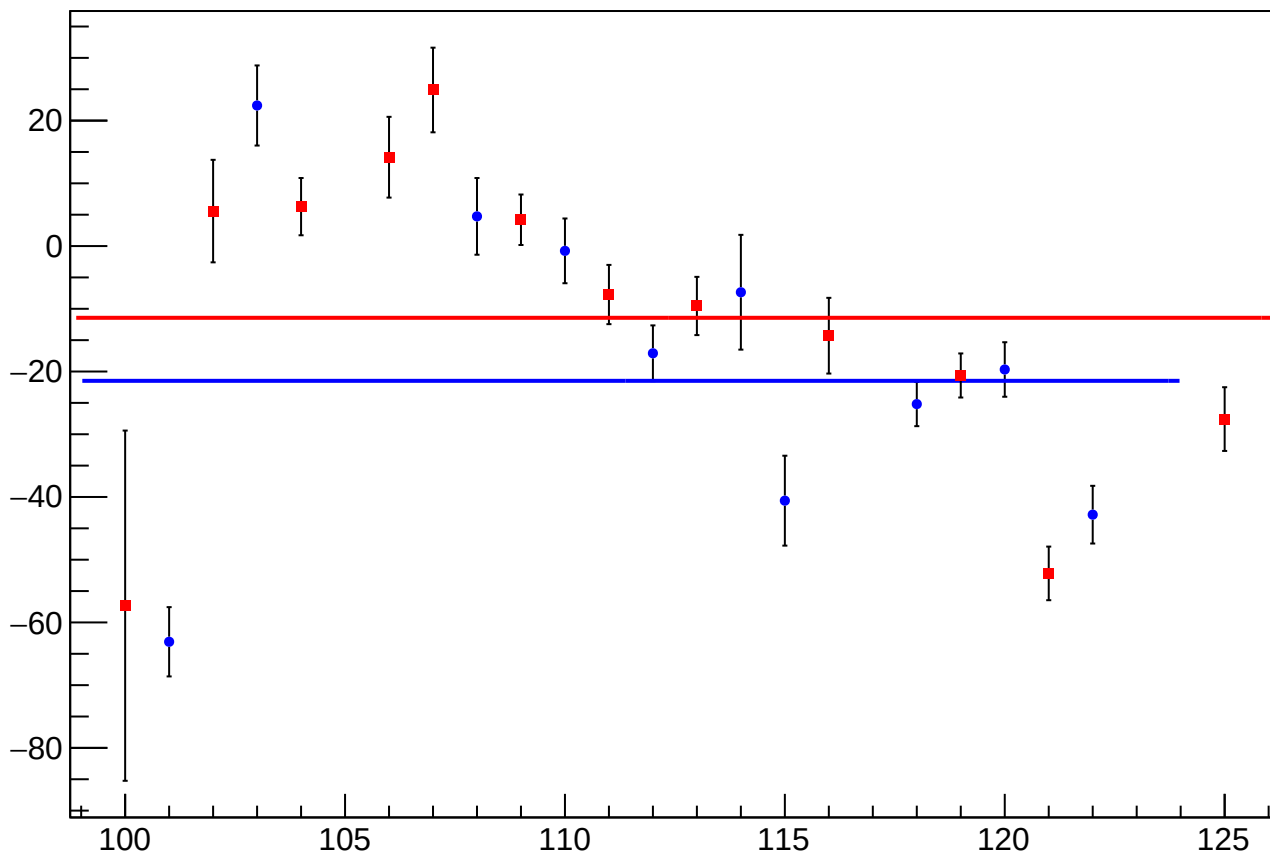
Right: -204.130+/-0.978 χ^2 /NDF: 2041.6/21

In: -211.640+/-1.474 χ^2 /NDF:818.1/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -204.130+/-0.978 χ^2 /NDF: 2041.6/21

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -21.485+/-1.612 χ^2/NDF : 171.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.436+/-1.466 χ^2/NDF : 190.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

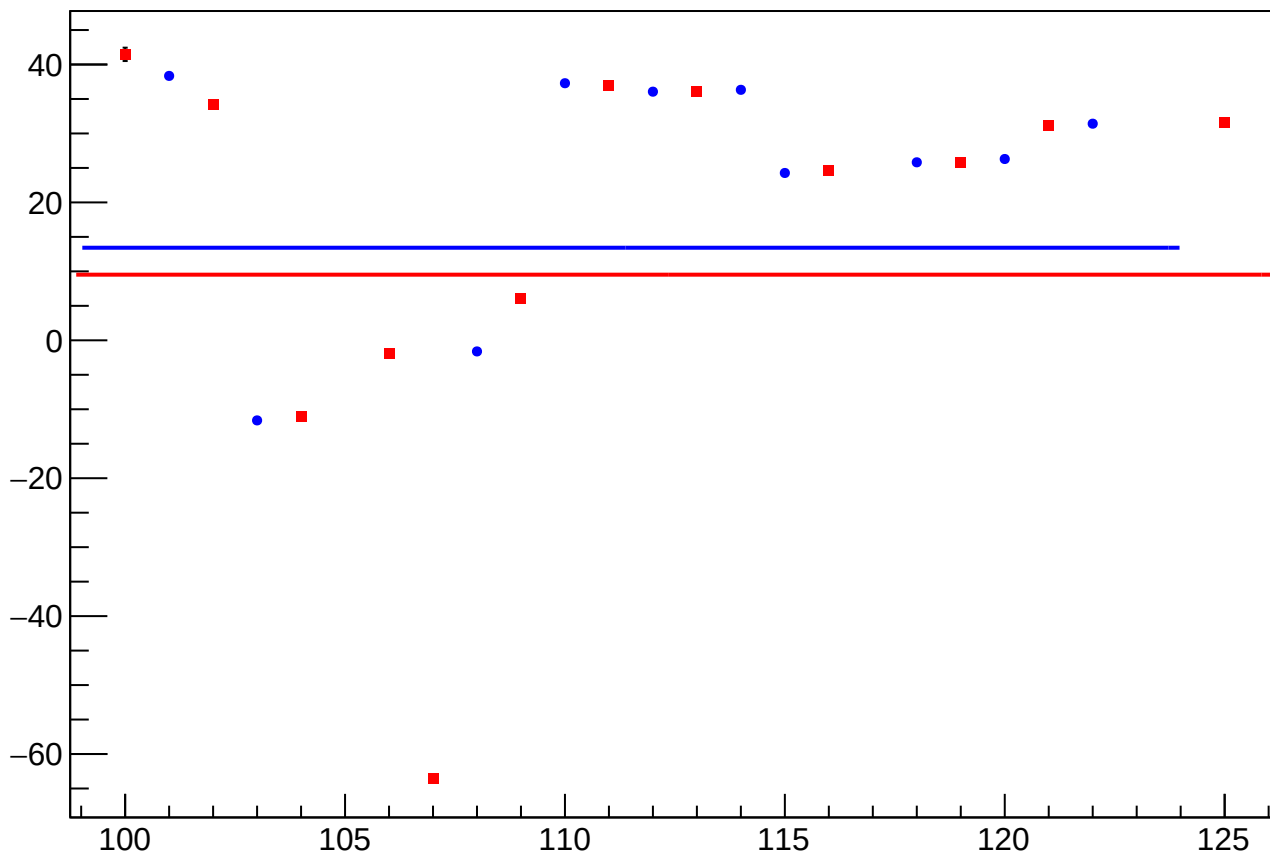
Right: -15.983+/-1.085 χ^2/NDF : 383.9/21

In: -21.485+/-1.612 χ^2/NDF : 171.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.983+/-1.085 χ^2/NDF : 383.9/21

reg_asym_us_dd_at2lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 13.428+/-0.089 χ^2/NDF : 56386.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.519+/-0.081 χ^2/NDF : 103679.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

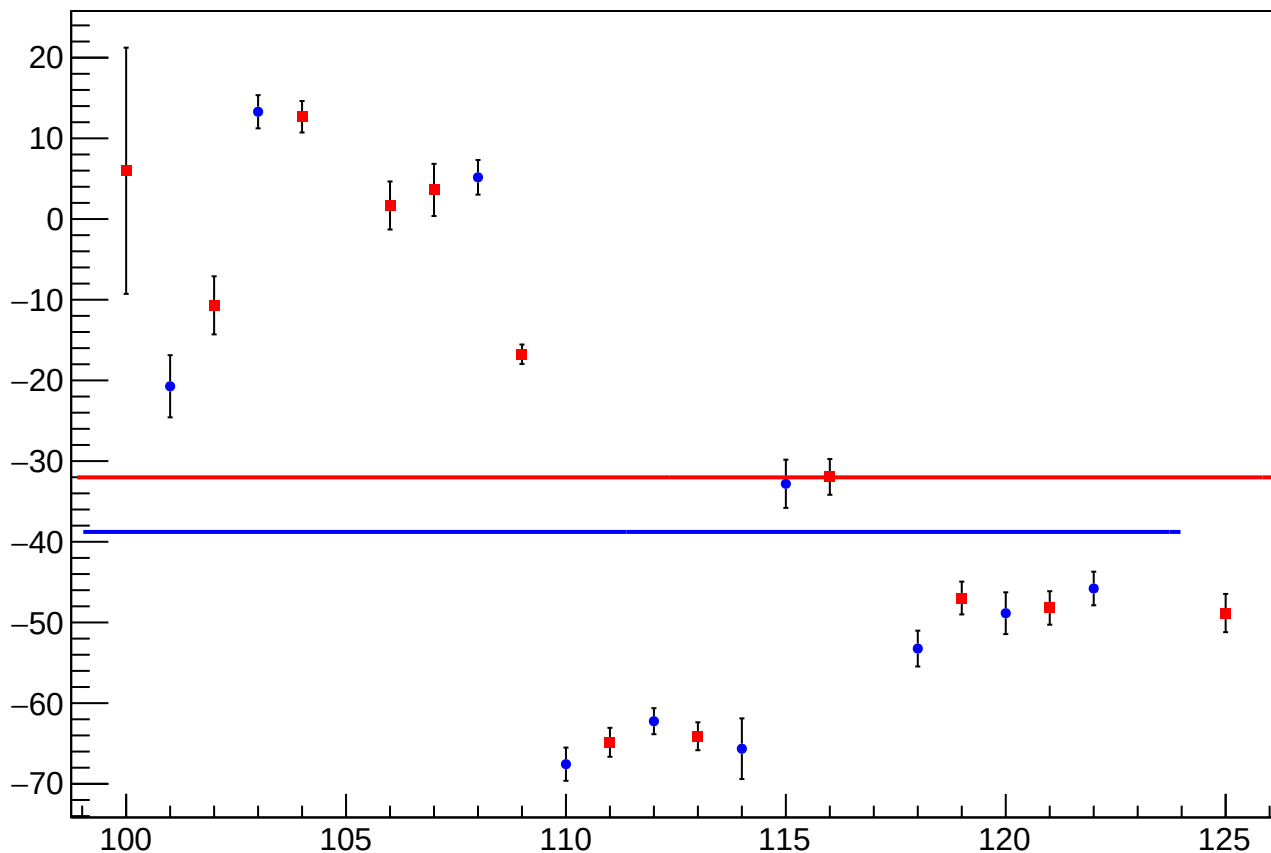
Right: 11.277+/-0.060 χ^2/NDF : 161121.5/21

In: 13.428+/-0.089 χ^2/NDF : 56386.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.277+/-0.060 χ^2/NDF : 161121.5/21

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: -32.016 $\pm$ 0.604 χ^2 /NDF: 1820.5/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

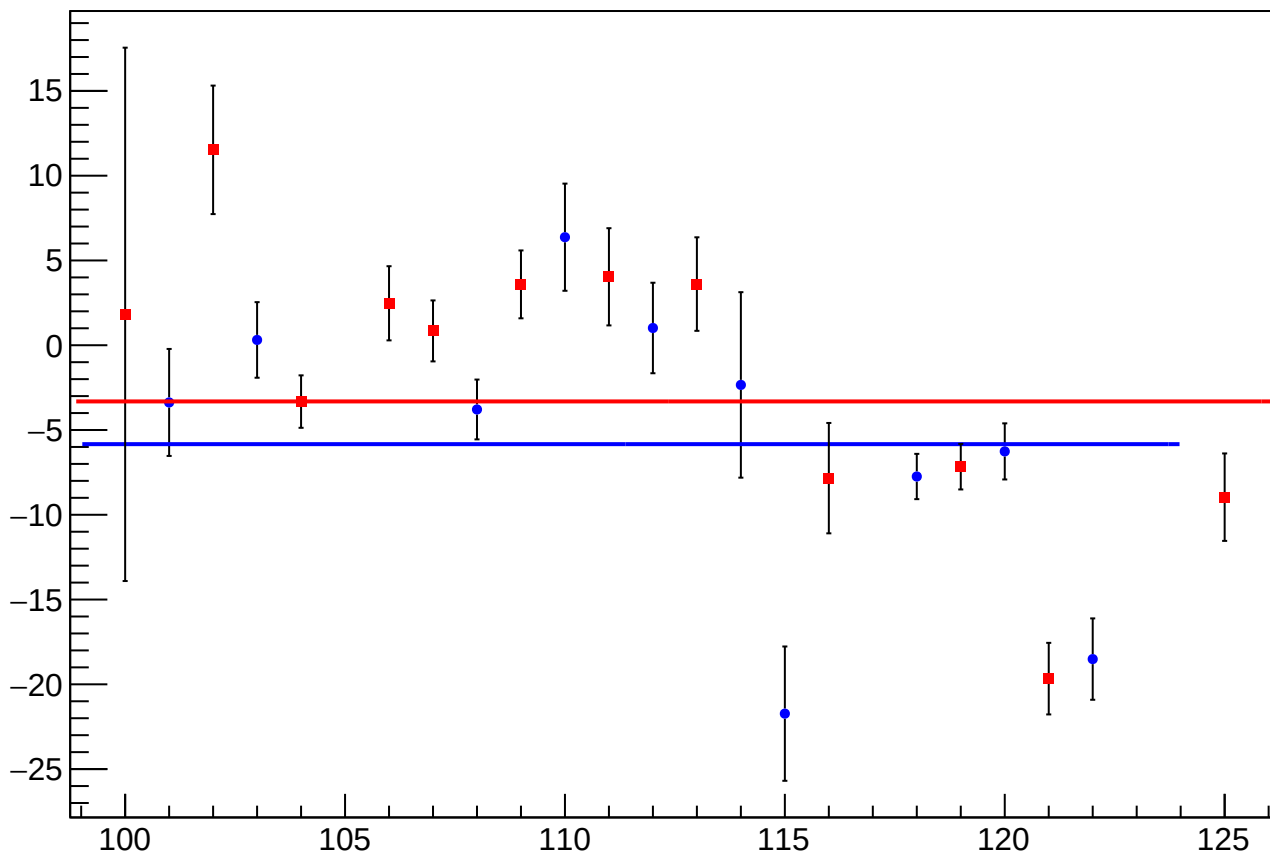
Right: -34.788 $\pm$ 0.464 χ^2 /NDF: 3485.6/21

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: -34.788 $\pm$ 0.464 χ^2 /NDF: 3485.6/21

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: -3.314+/-0.628 χ^2/NDF : 127.5/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

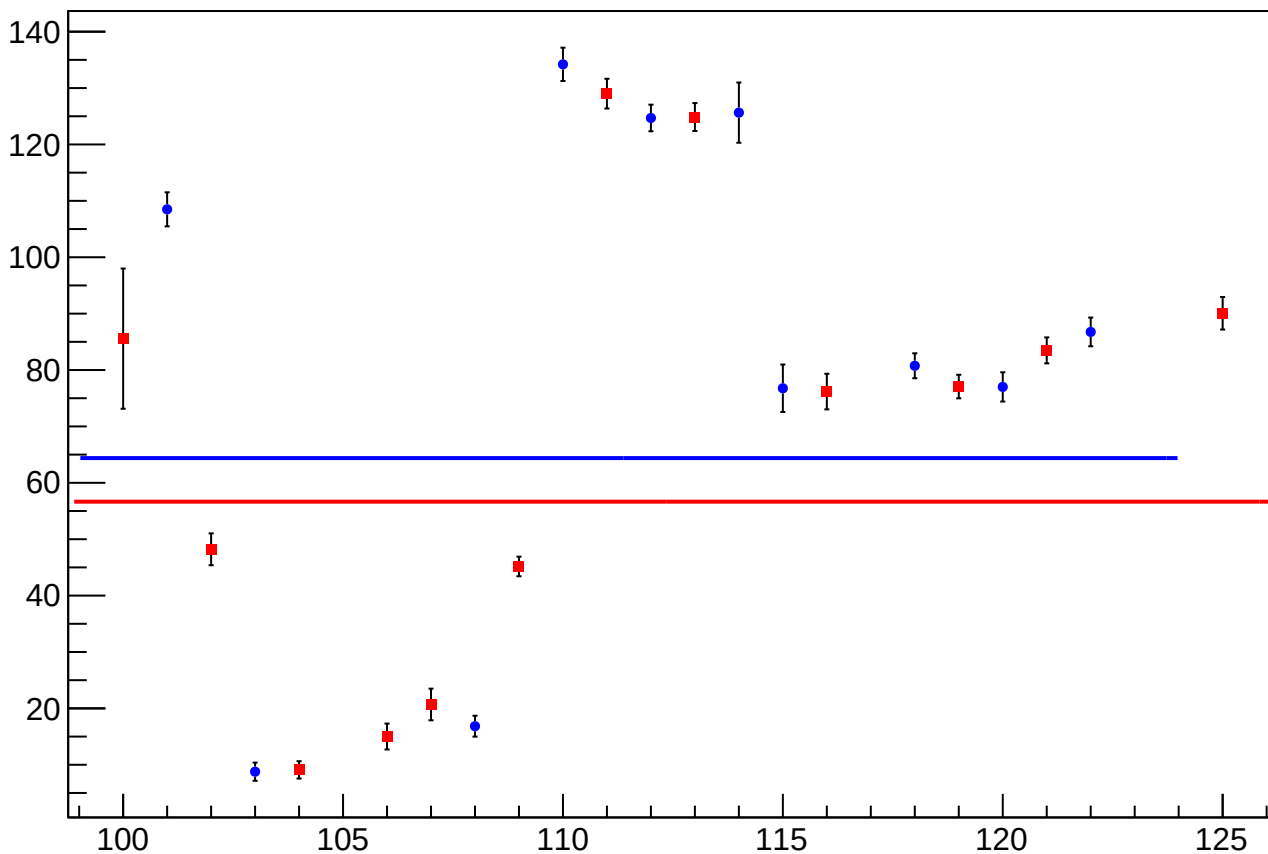
Right: -4.444+/-0.466 χ^2/NDF : 212.3/21

In: -5.834+/-0.697 χ^2/NDF :77.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.444+/-0.466 χ^2/NDF : 212.3/21

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: 56.655+/-0.683 χ^2/NDF : 3420.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

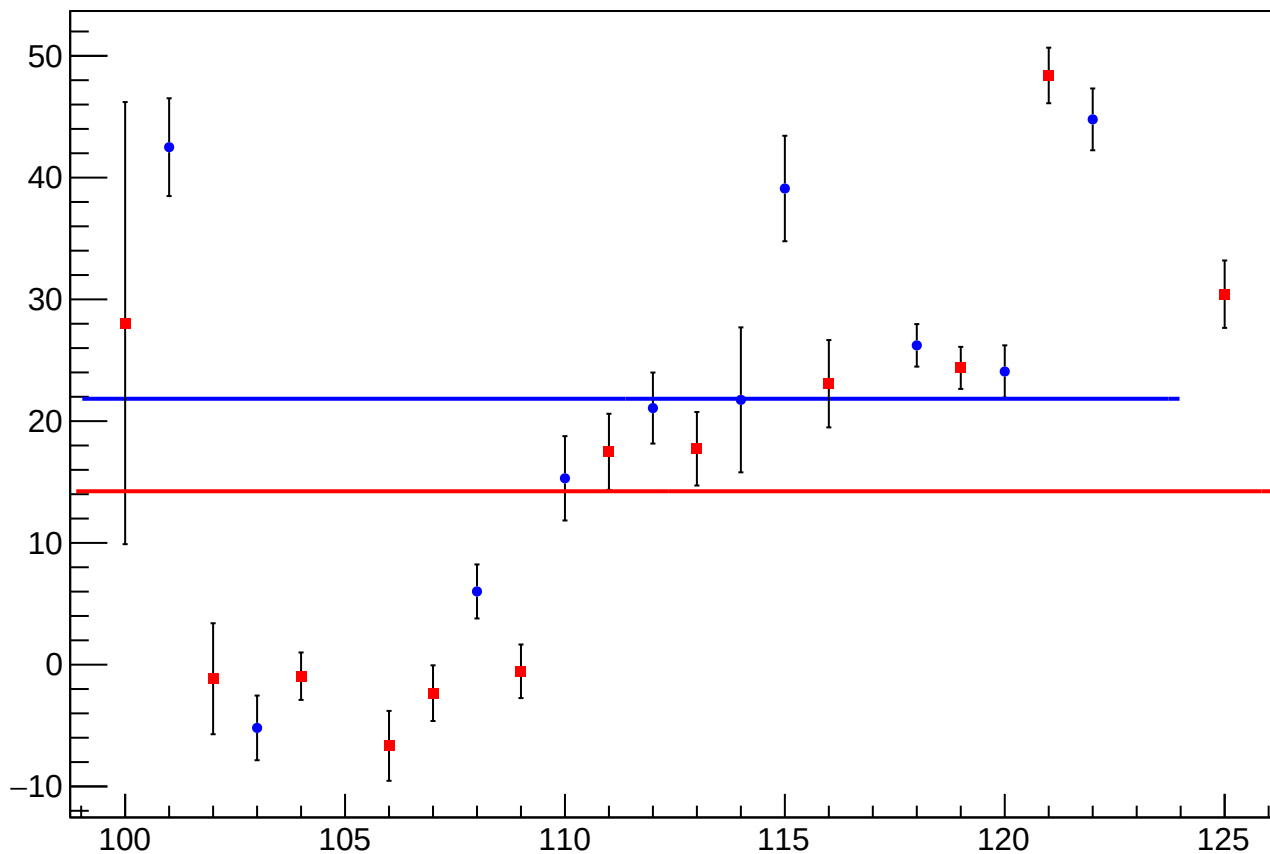
Right: 60.046+/-0.511 χ^2/NDF : 7043.5/21

In: 64.386+/-0.772 χ^2/NDF : 3566.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.046+/-0.511 χ^2/NDF : 7043.5/21

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 21.838 $\pm$ 0.849 χ^2 /NDF: 289.7/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 14.242 $\pm$ 0.749 χ^2 /NDF: 524.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

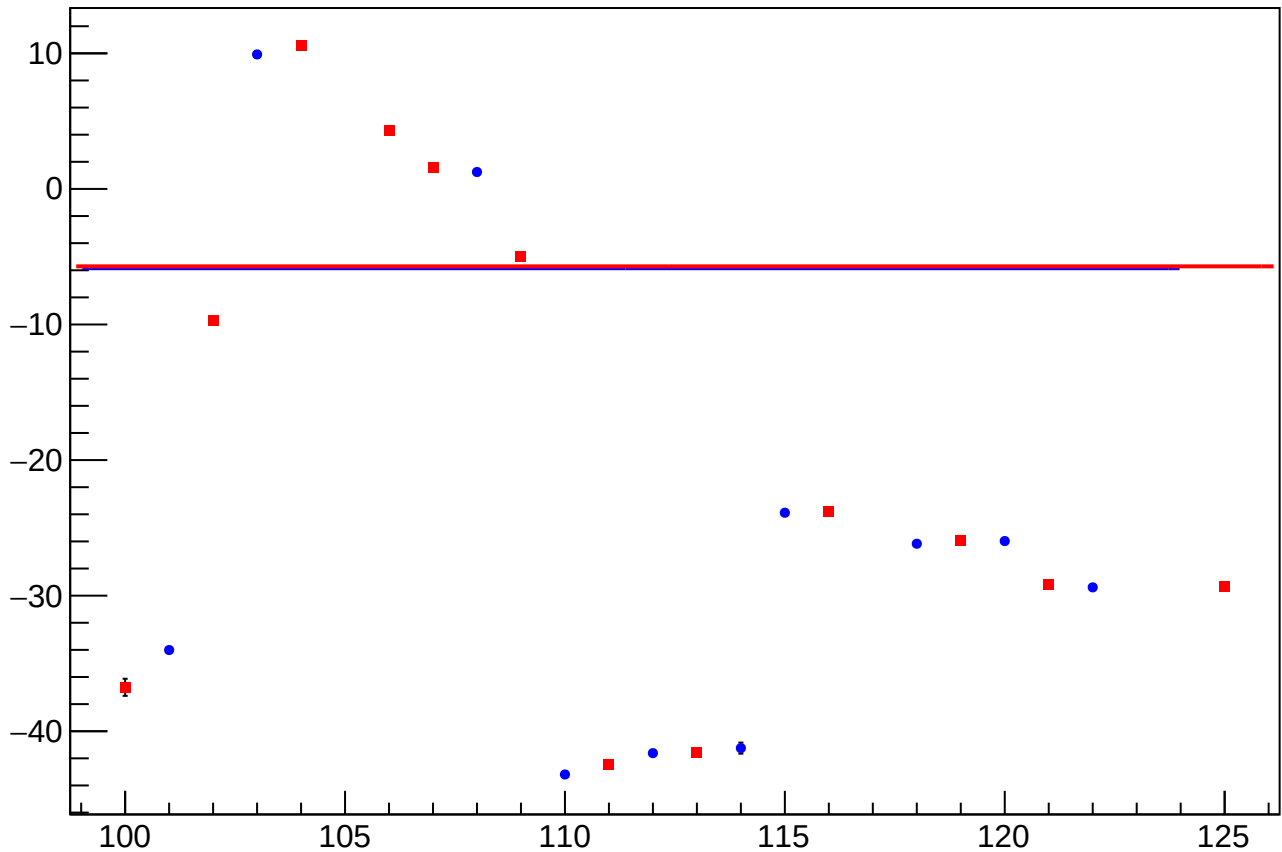
Right: 17.569 $\pm$ 0.562 χ^2 /NDF: 859.5/21

In: 21.838 $\pm$ 0.849 χ^2 /NDF:289.7/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 17.569 $\pm$ 0.562 χ^2 /NDF: 859.5/21

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: -5.711+/-0.040 χ^2/NDF : 177987.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

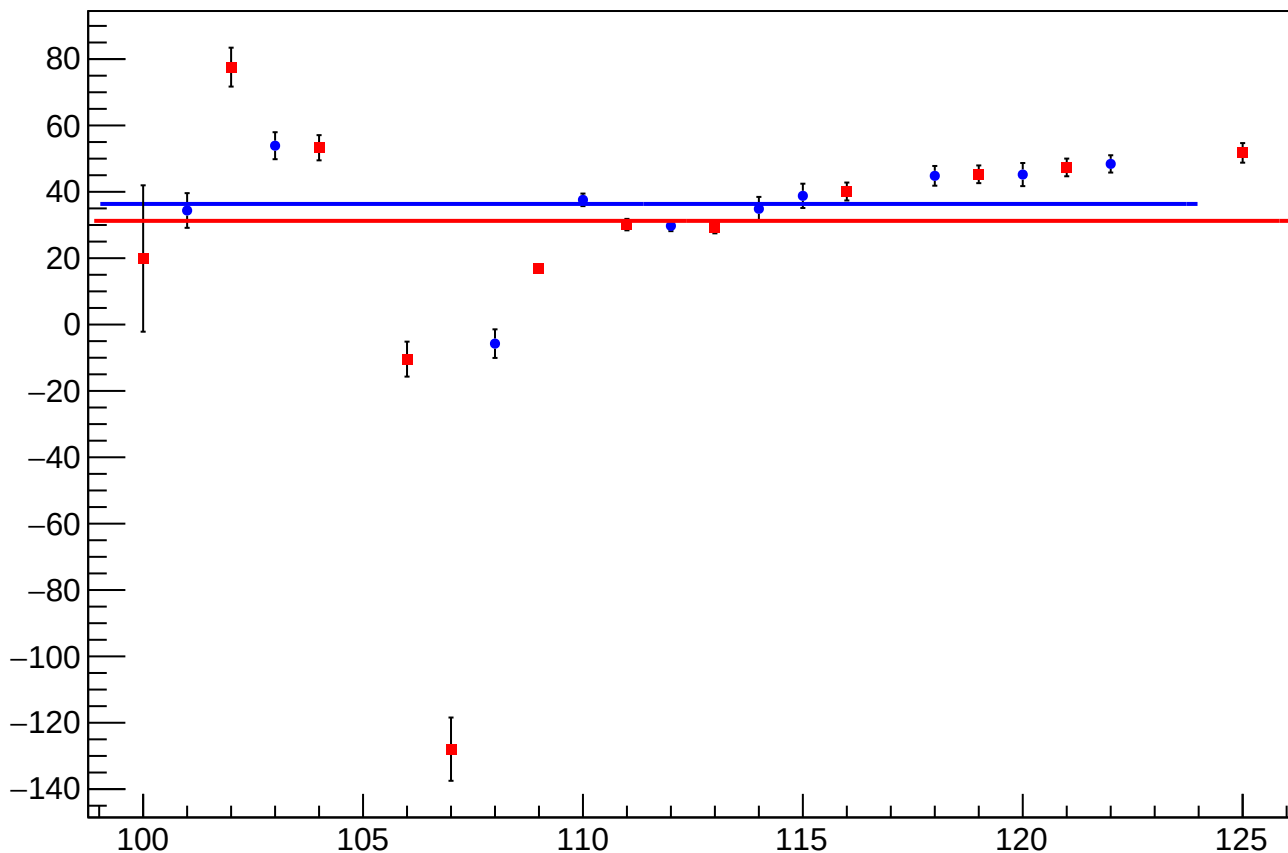
Right: -5.776+/-0.029 χ^2/NDF : 375982.5/21

In: -5.848+/-0.042 χ^2/NDF :197989.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.776+/-0.029 χ^2/NDF : 375982.5/21

reg_asym_us_dd_atlr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 36.348+/-0.871 χ^2 /NDF: 168.4/9

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 31.246+/-0.745 χ^2 /NDF: 652.8/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

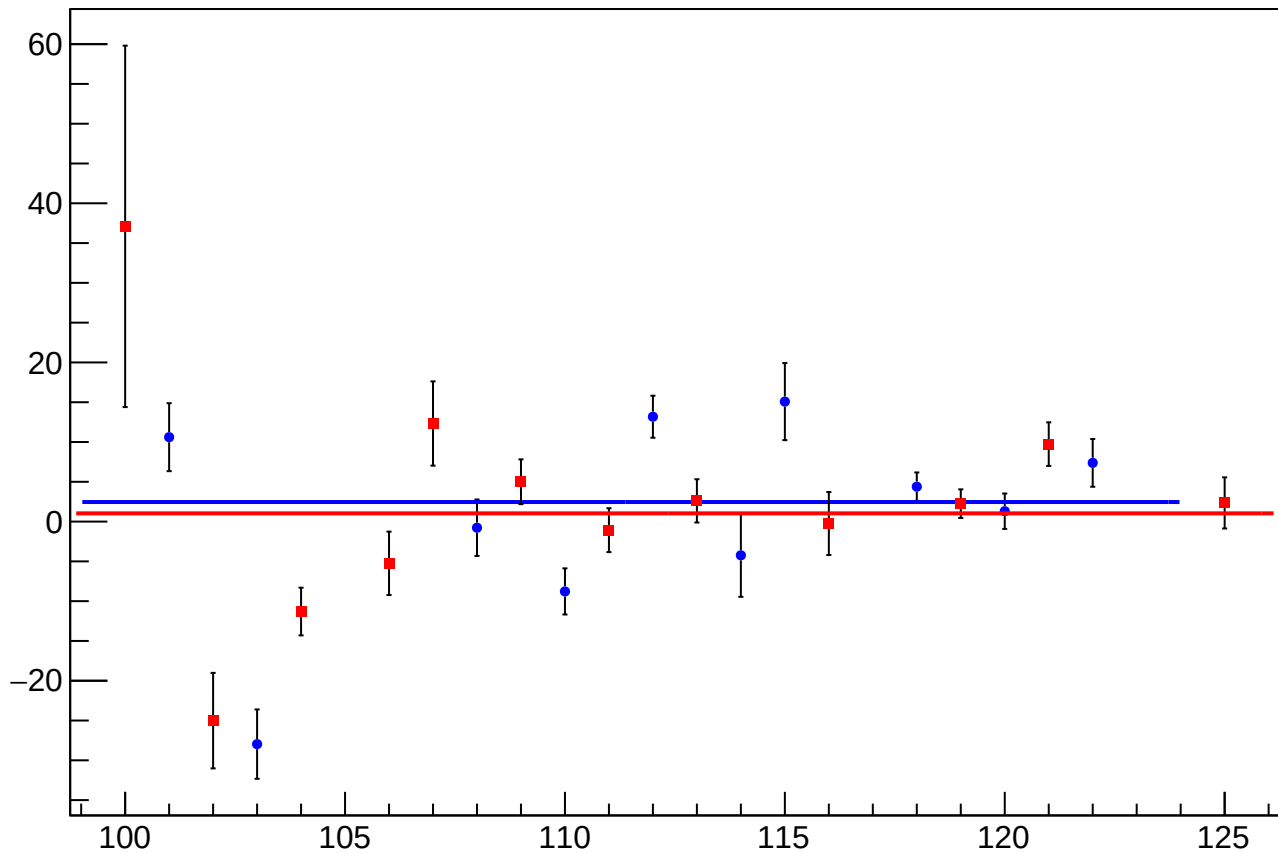
Right: 33.401+/-0.566 χ^2 /NDF: 841.0/21

In: 36.348+/-0.871 χ^2 /NDF:168.4/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 33.401+/-0.566 χ^2 /NDF: 841.0/21

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: 1.034+/-0.899 χ^2/NDF : 59.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

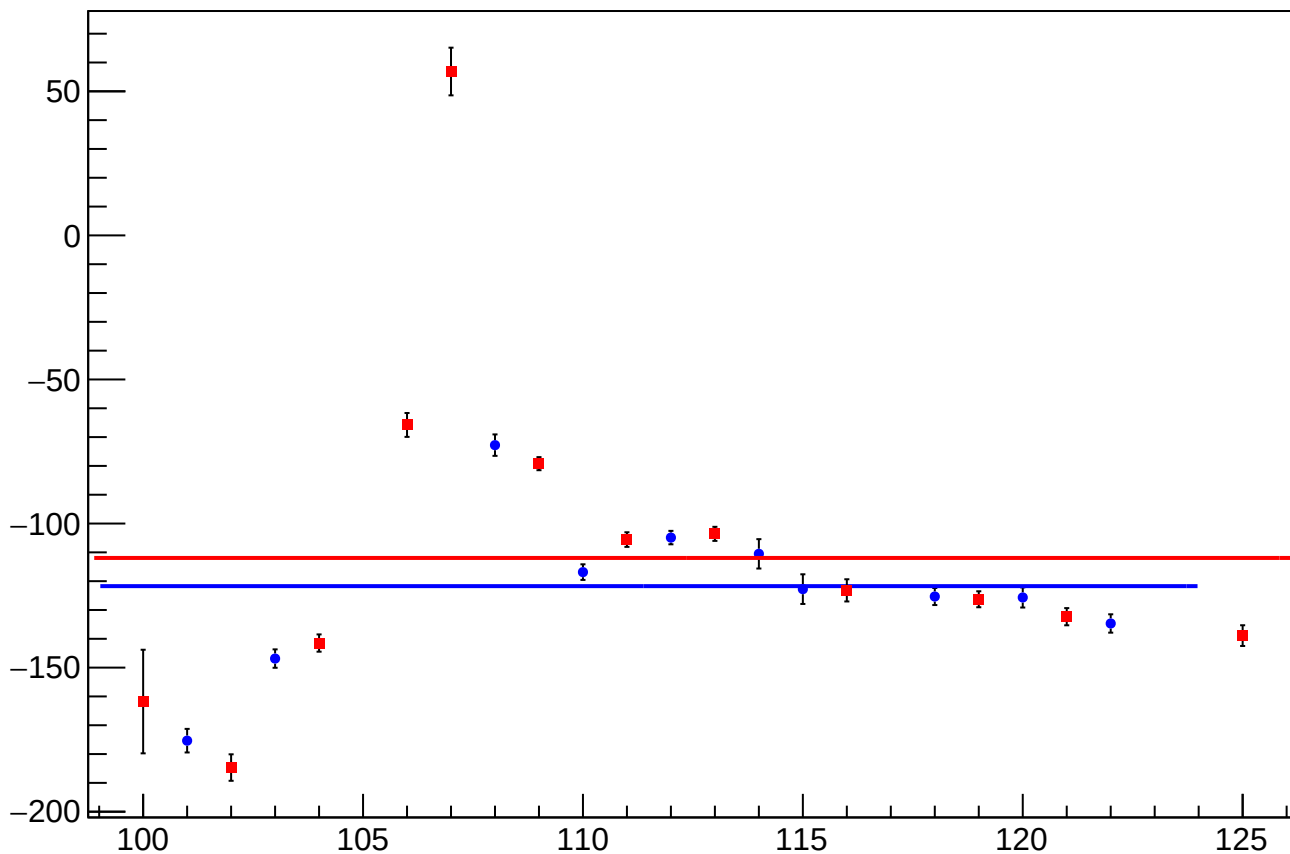
Right: 1.722+/-0.647 χ^2/NDF : 157.5/21

In: 2.458+/-0.930 χ^2/NDF : 97.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.722+/-0.647 χ^2/NDF : 157.5/21

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: -111.939+/-0.937 χ^2 /NDF: 1259.6/11

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

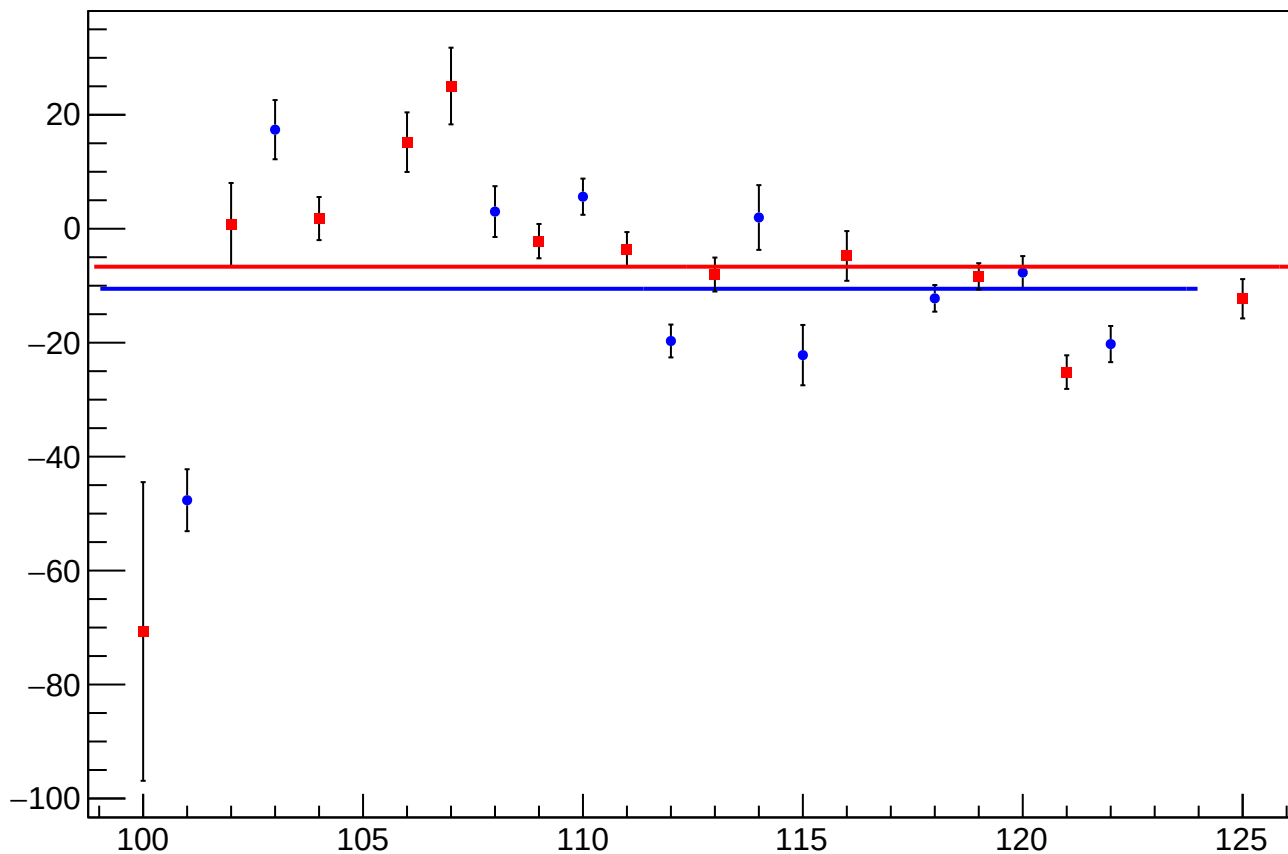
Right: -116.313+/-0.697 χ^2 /NDF: 1794.6/21

In: -121.723+/-1.042 χ^2 /NDF:486.3/9

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -116.313+/-0.697 χ^2 /NDF: 1794.6/21

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -10.537 $\pm$ 1.112 χ^2 /NDF: 141.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -6.663 $\pm$ 1.041 χ^2 /NDF: 97.8/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

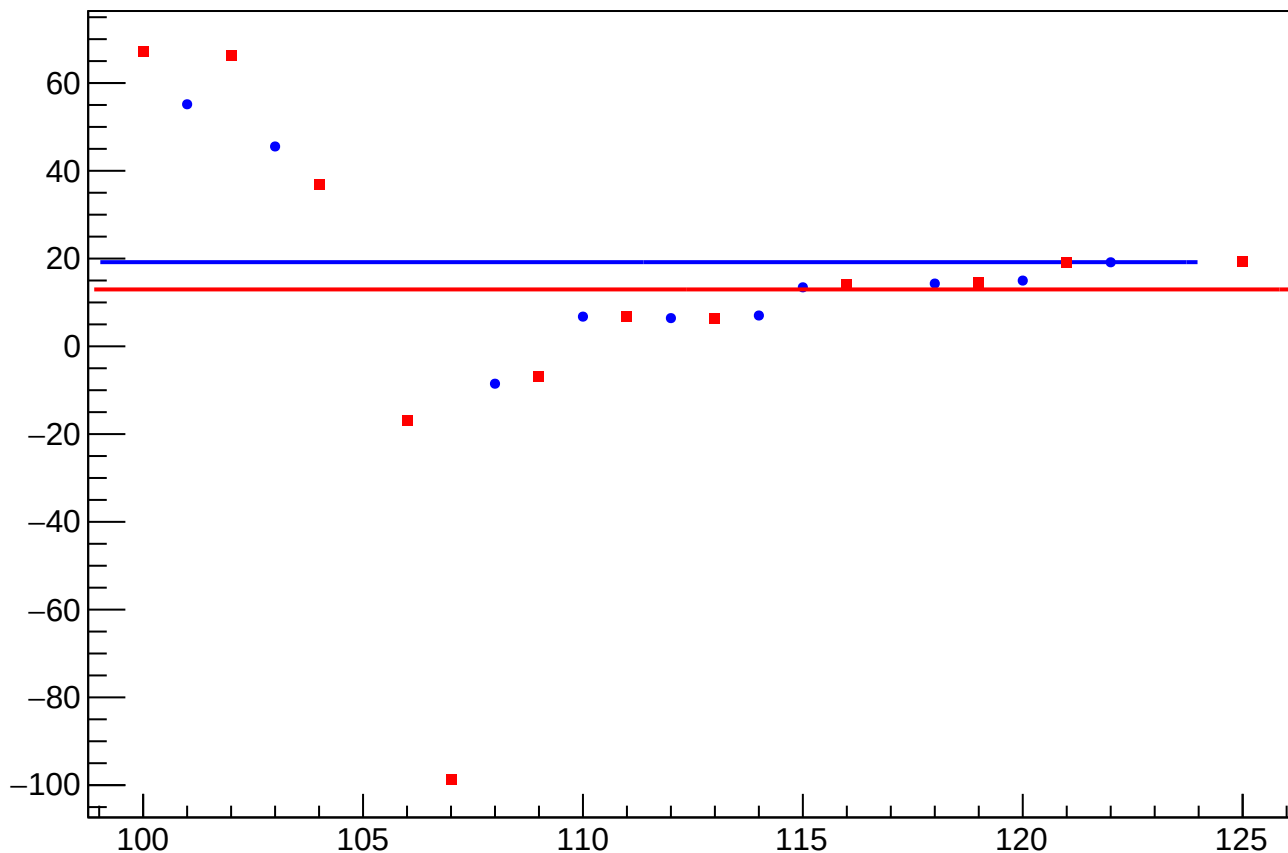
Right: -8.473 $\pm$ 0.760 χ^2 /NDF: 245.5/21

In: -10.537 $\pm$ 1.112 χ^2 /NDF:141.2/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -8.473 $\pm$ 0.760 χ^2 /NDF: 245.5/21

reg_asym_us_dd_atlr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 19.180+/-0.066 χ^2/NDF : 104024.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.964+/-0.062 χ^2/NDF : 252052.6/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

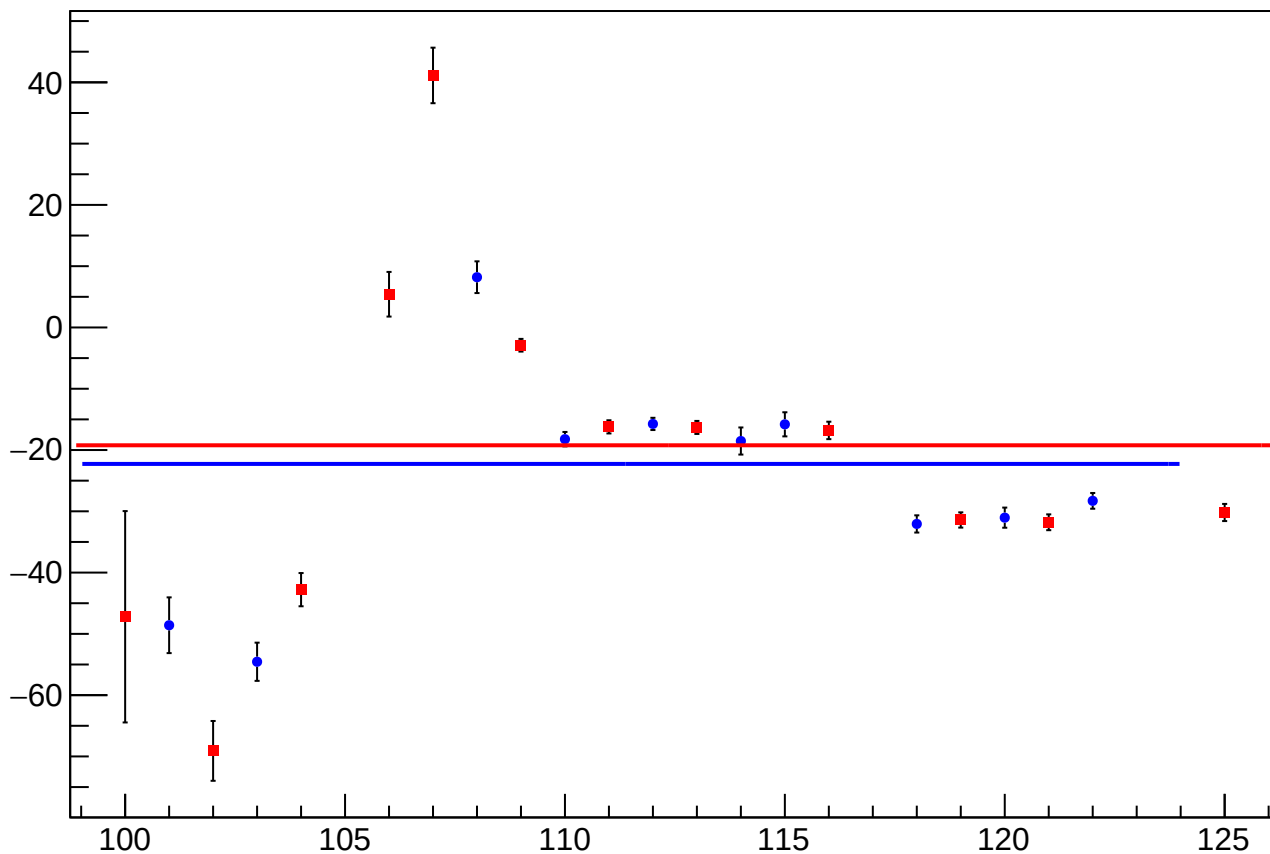
Right: 15.876+/-0.045 χ^2/NDF : 360766.4/21

In: 19.180+/-0.066 χ^2/NDF : 104024.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.876+/-0.045 χ^2/NDF : 360766.4/21

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: -19.226 ± 0.437 χ^2/NDF : 925.2/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

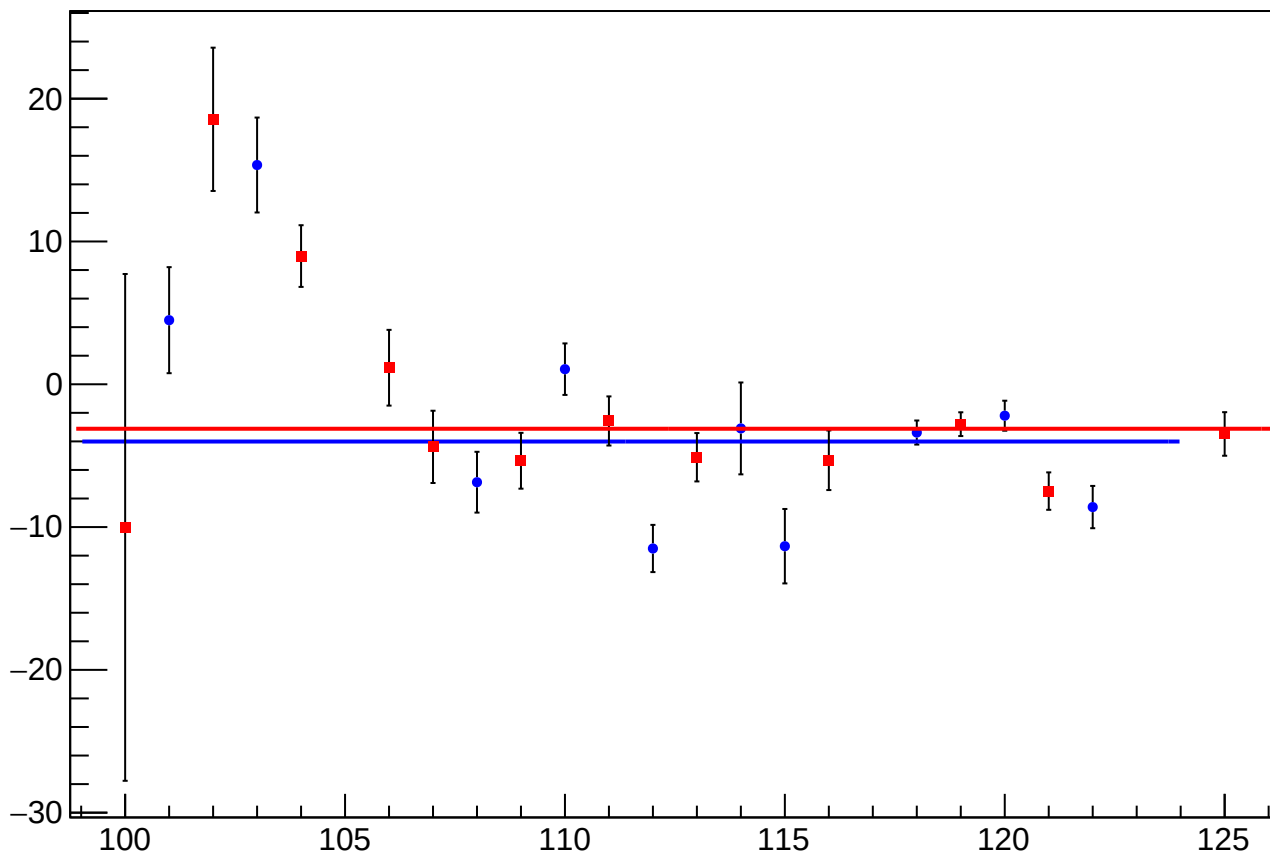
Right: -20.538 ± 0.329 χ^2/NDF : 1392.7/21

In: -22.267 ± 0.502 χ^2/NDF : 446.6/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -20.538 ± 0.329 χ^2/NDF : 1392.7/21

reg_asym_us_dd_atlr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.009 $\pm$ 0.496 χ^2 /NDF: 90.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.114 $\pm$ 0.488 χ^2 /NDF: 68.2/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

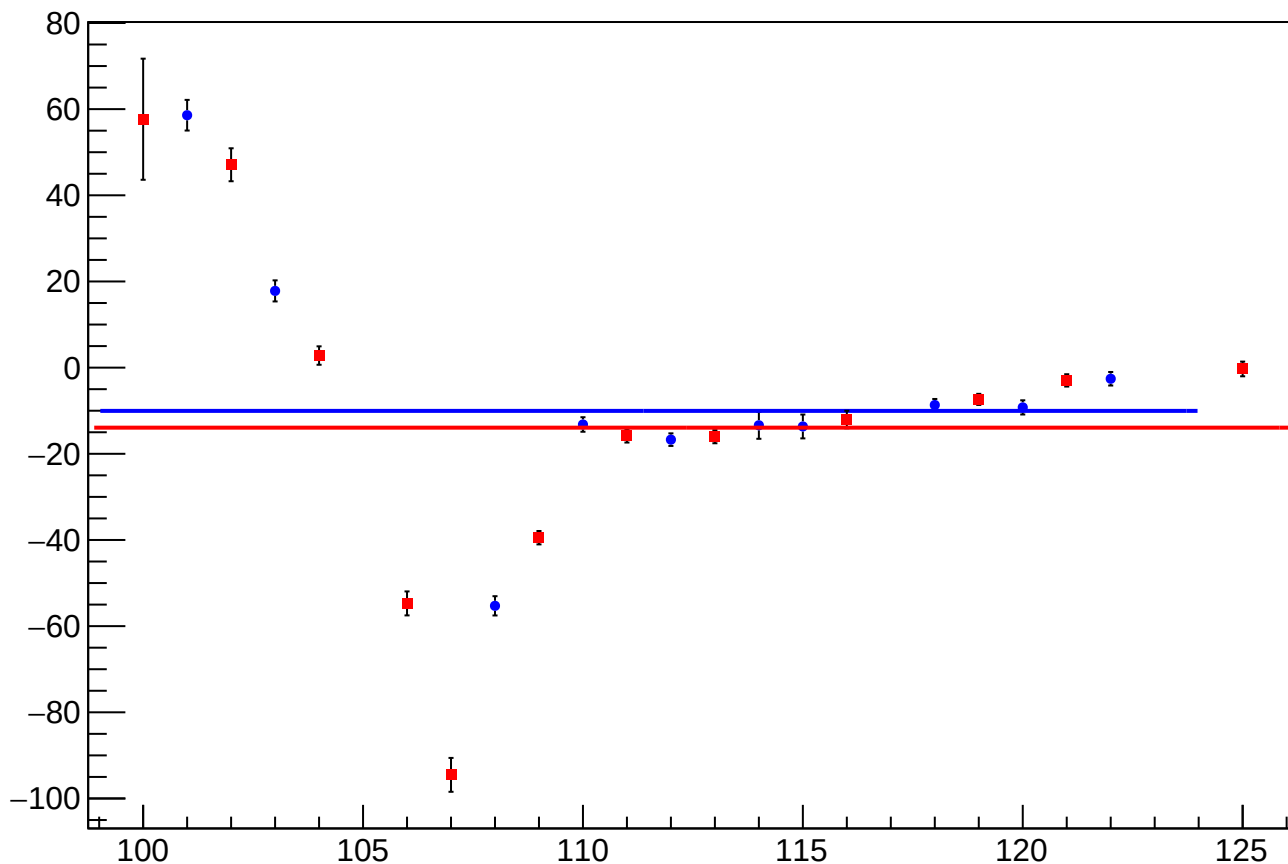
Right: -3.555 $\pm$ 0.348 χ^2 /NDF: 160.4/21

In: -4.009 $\pm$ 0.496 χ^2 /NDF:90.5/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -3.555 $\pm$ 0.348 χ^2 /NDF: 160.4/21

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -10.040+/-0.599 χ^2/NDF : 962.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -13.932+/-0.541 χ^2/NDF : 1399.1/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

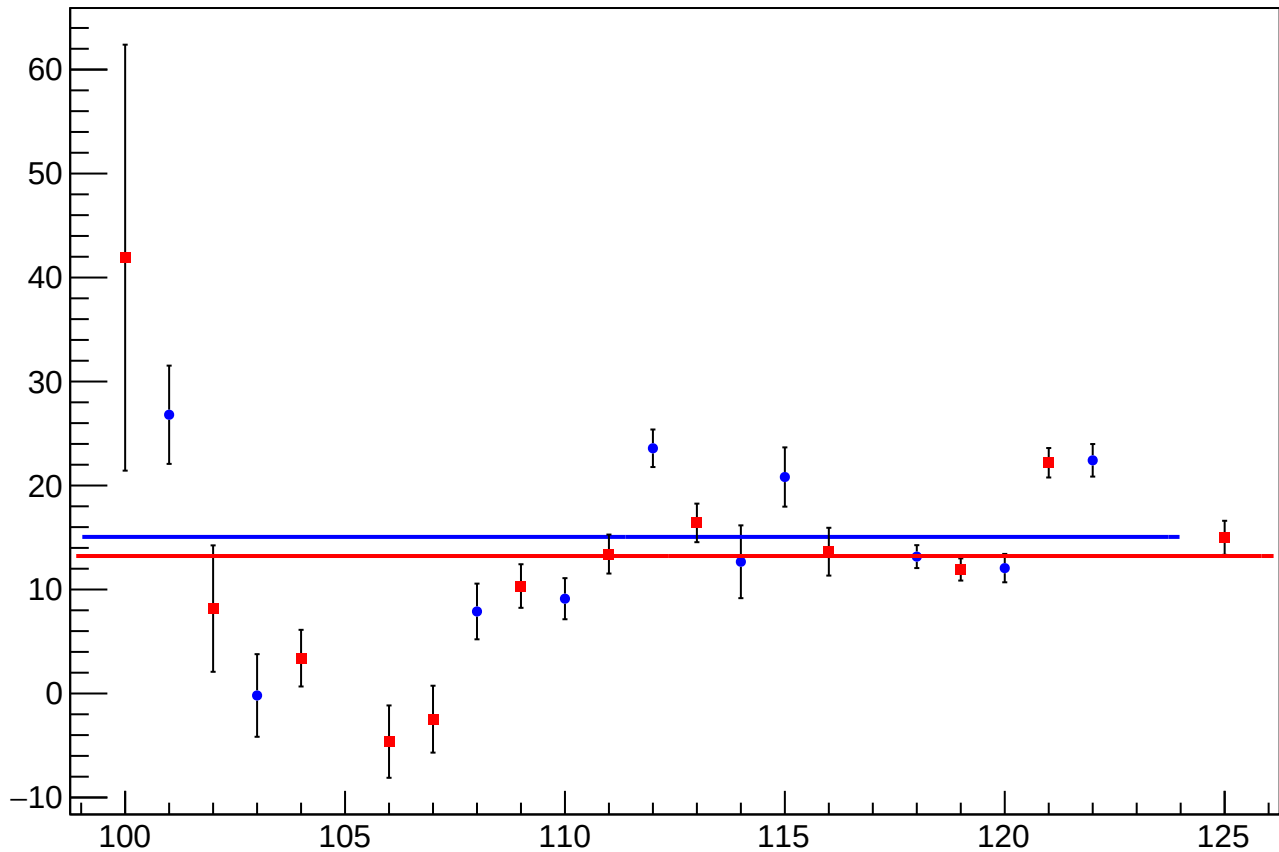
Right: -12.184+/-0.402 χ^2/NDF : 2384.7/21

In: -10.040+/-0.599 χ^2/NDF :962.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -12.184+/-0.402 χ^2/NDF : 2384.7/21

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: 13.221+/-0.569 χ^2/NDF : 113.3/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

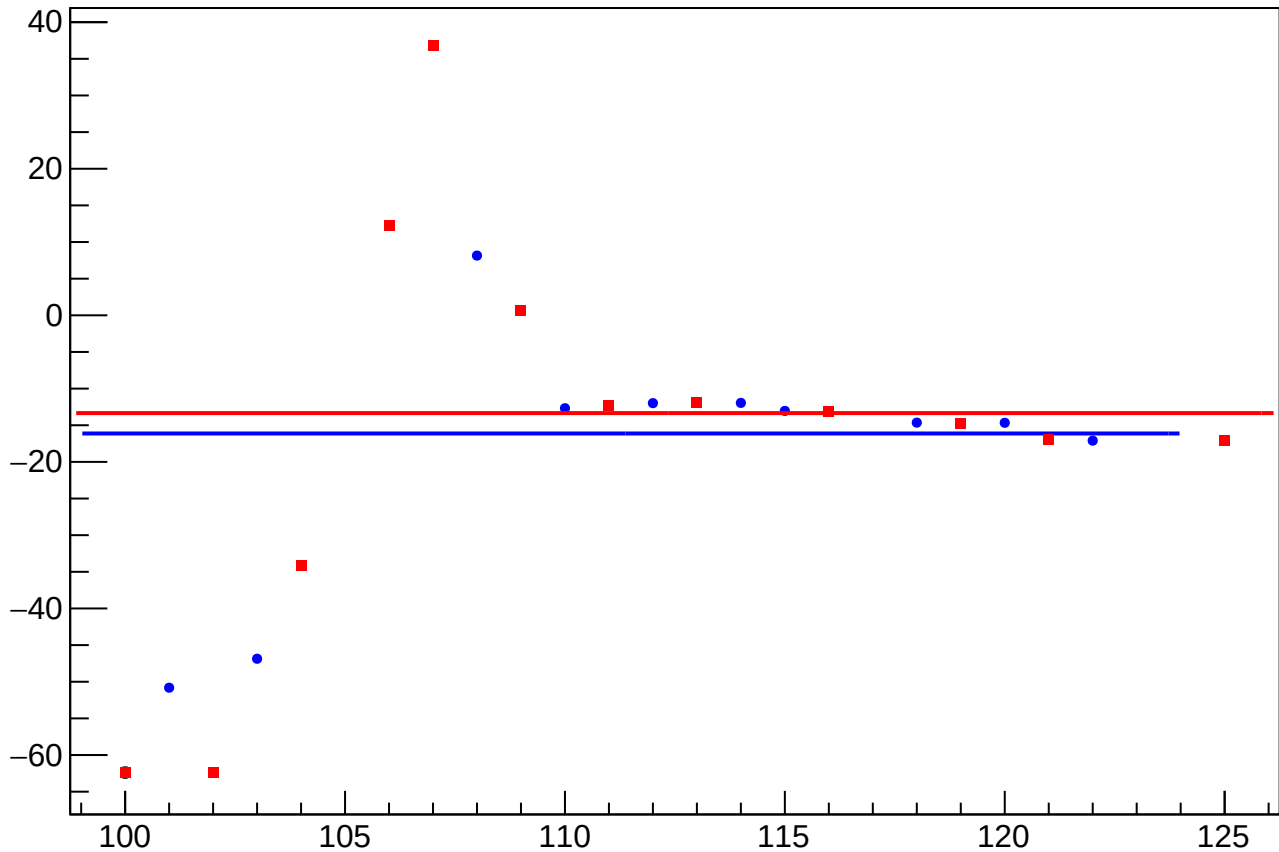
Right: 14.092+/-0.413 χ^2/NDF : 212.2/21

In: 15.059+/-0.599 χ^2/NDF : 93.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.092+/-0.413 χ^2/NDF : 212.2/21

reg_asym_us_dd_atlr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.125+/-0.040 χ^2/NDF : 190519.7/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.341+/-0.038 χ^2/NDF : 279149.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

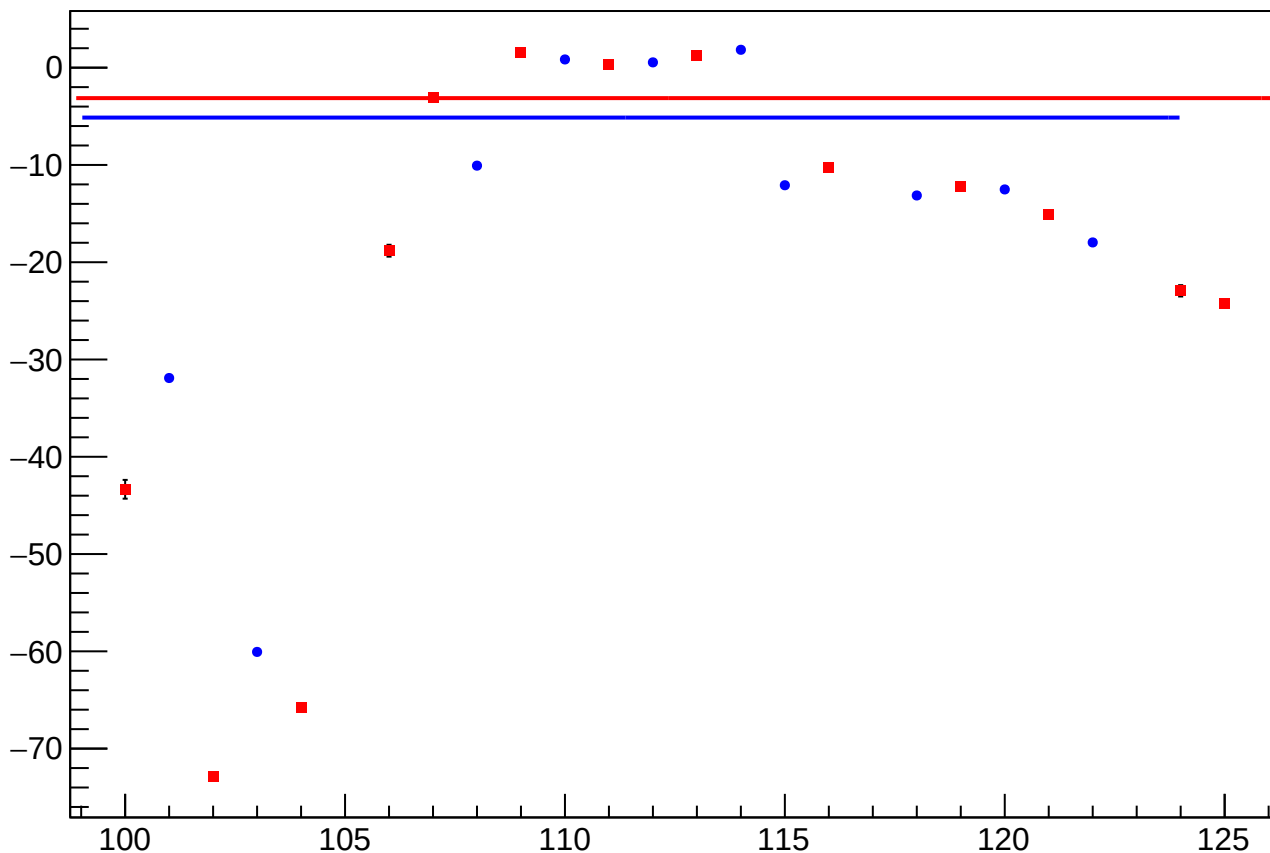
Right: -14.647+/-0.028 χ^2/NDF : 472217.2/21

In: -16.125+/-0.040 χ^2/NDF : 190519.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.647+/-0.028 χ^2/NDF : 472217.2/21

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: -3.130+/-0.051 χ^2/NDF : 56846.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

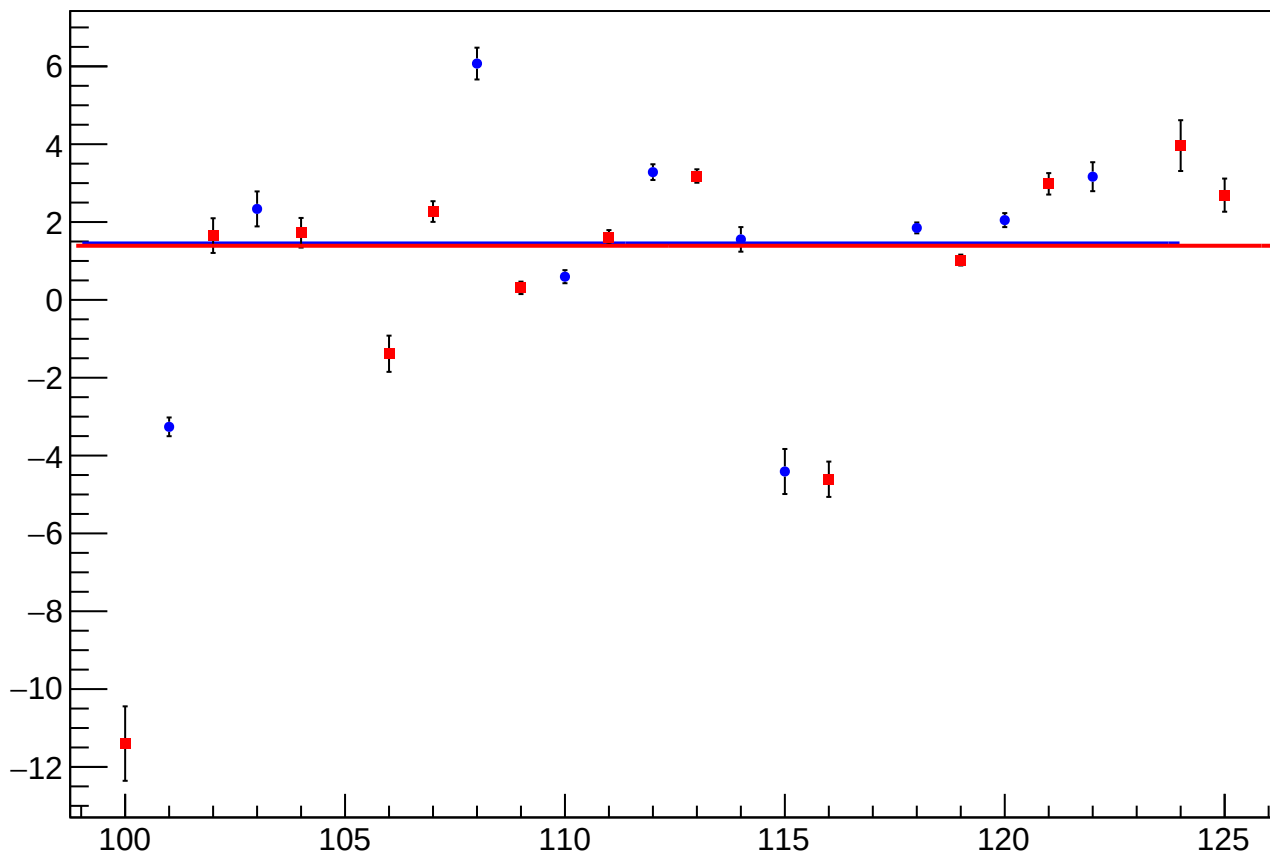
Right: -3.904+/-0.040 χ^2/NDF : 91833.7/22

In: -5.130+/-0.065 χ^2/NDF : 34402.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.904+/-0.040 χ^2/NDF : 91833.7/22

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: 1.391+/-0.069 χ^2/NDF : 621.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

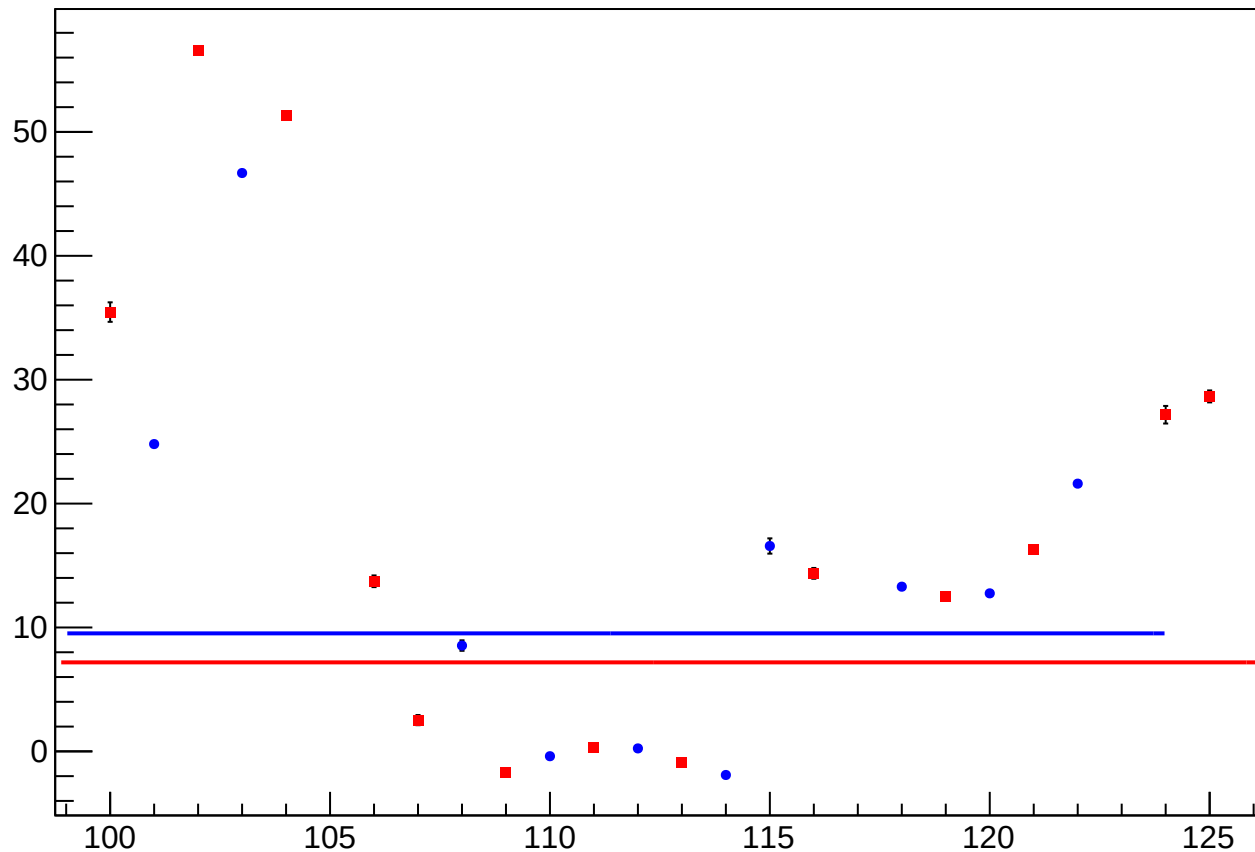
Right: 1.418+/-0.050 χ^2/NDF : 1388.2/22

In: 1.449+/-0.073 χ^2/NDF : 766.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.418+/-0.050 χ^2/NDF : 1388.2/22

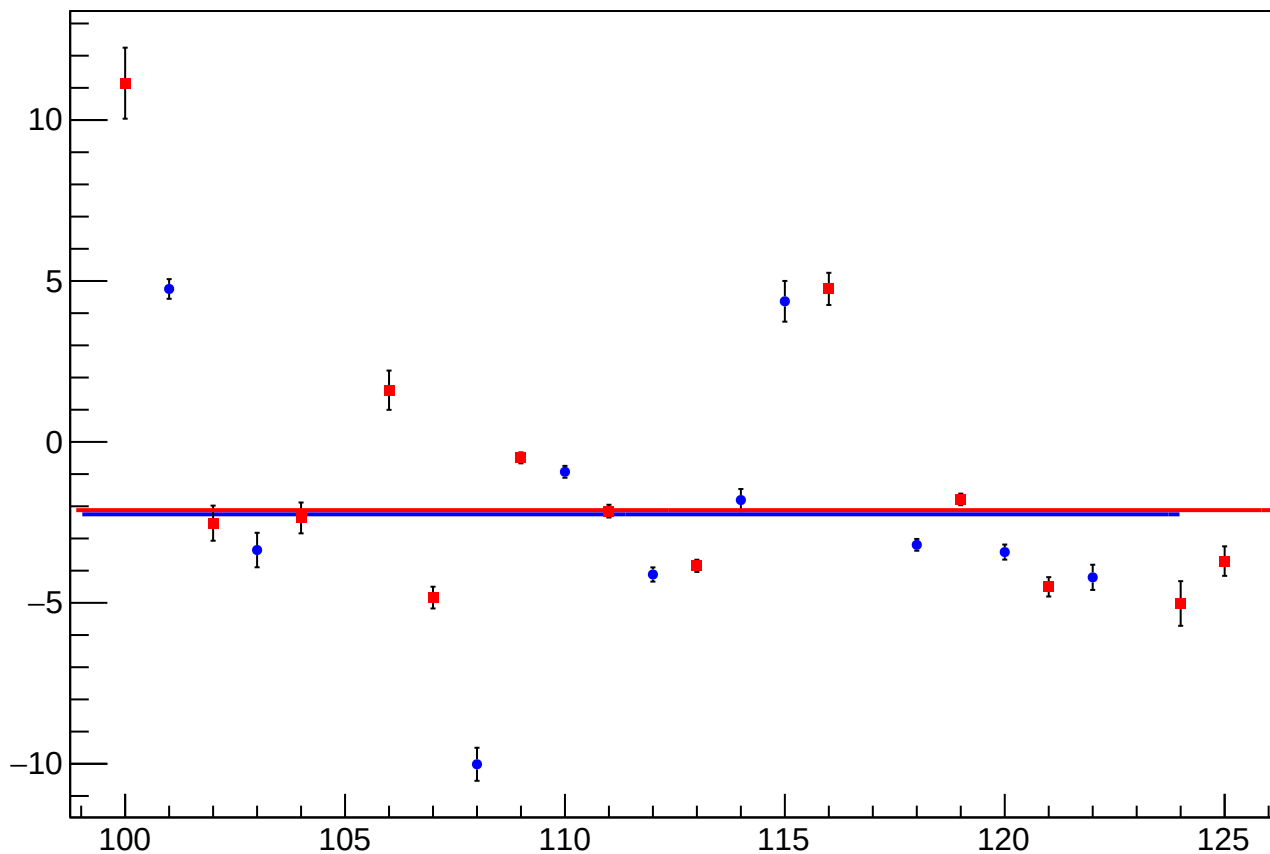
reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 7.183+/-0.069 χ^2/NDF : 48198.2/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 8.184+/-0.052 χ^2/NDF : 74637.3/22
 In: 9.525+/-0.080 χ^2/NDF : 25950.2/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 8.184+/-0.052 χ^2/NDF : 74637.3/22

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: -2.120 ± 0.079 χ^2/NDF : 708.4/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

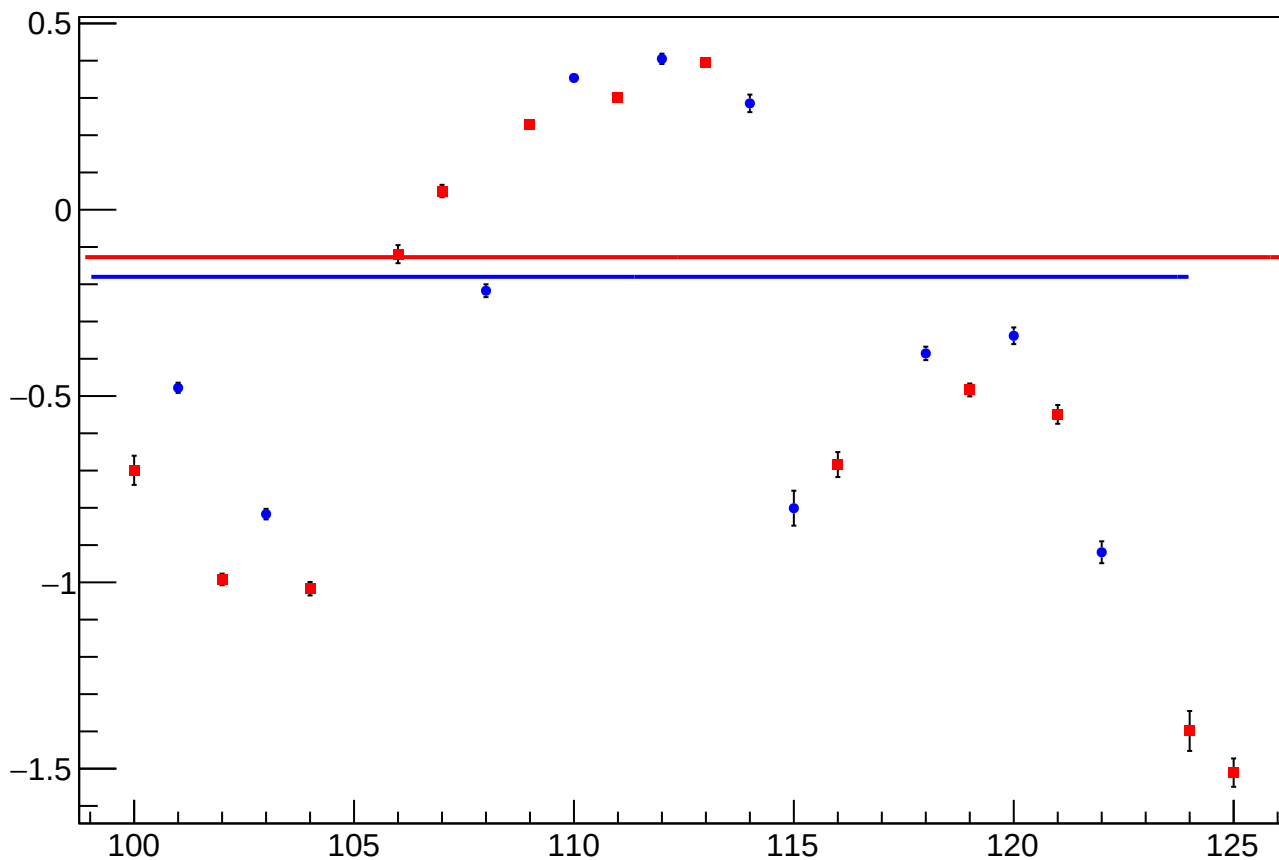
Right: -2.179 ± 0.058 χ^2/NDF : 1778.6/22

In: -2.250 ± 0.087 χ^2/NDF : 1069.0/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.179 ± 0.058 χ^2/NDF : 1778.6/22

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: -0.127 ± 0.005 χ^2/NDF : 13019.3/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

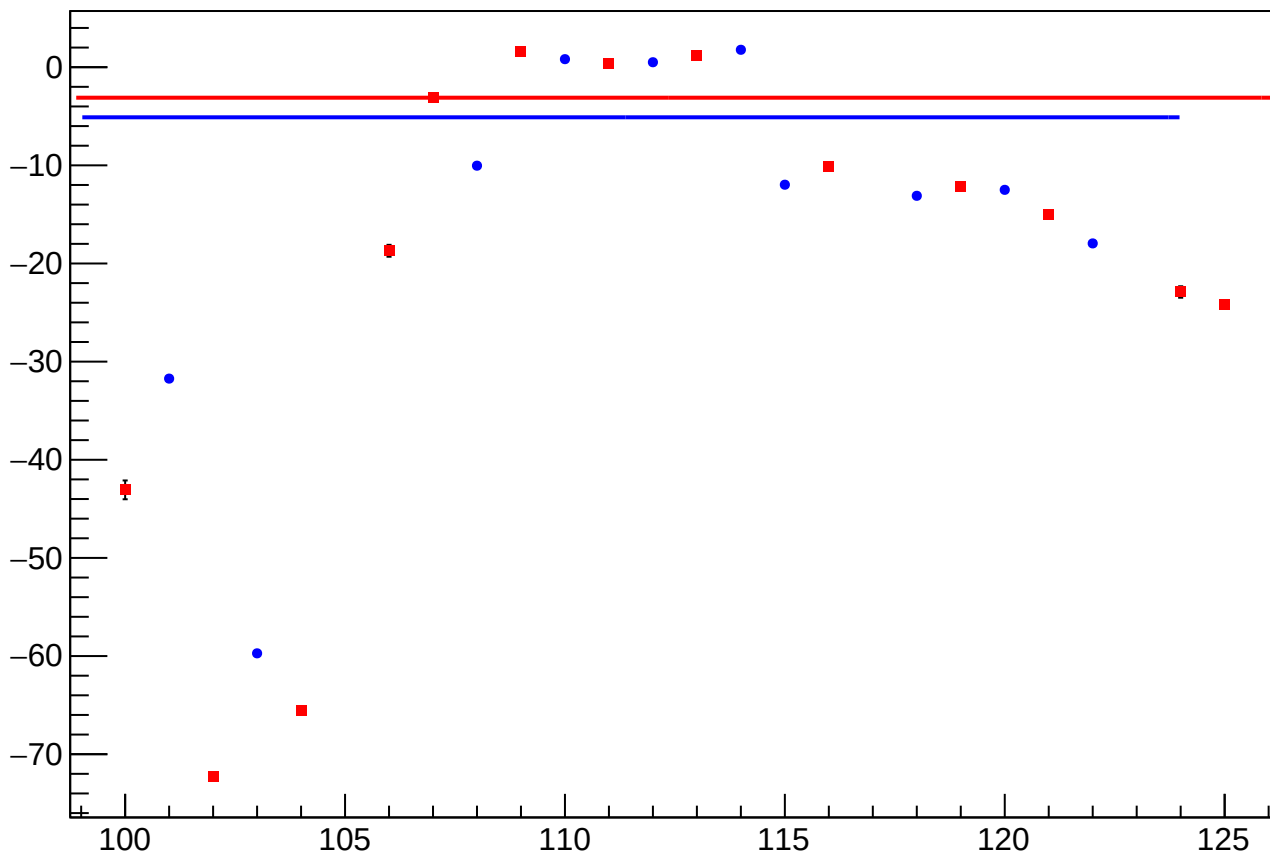
Right: -0.150 ± 0.004 χ^2/NDF : 20389.4/22

In: -0.180 ± 0.005 χ^2/NDF : 7317.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.150 ± 0.004 χ^2/NDF : 20389.4/22

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: -3.108+/-0.051 χ^2/NDF : 56827.3/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

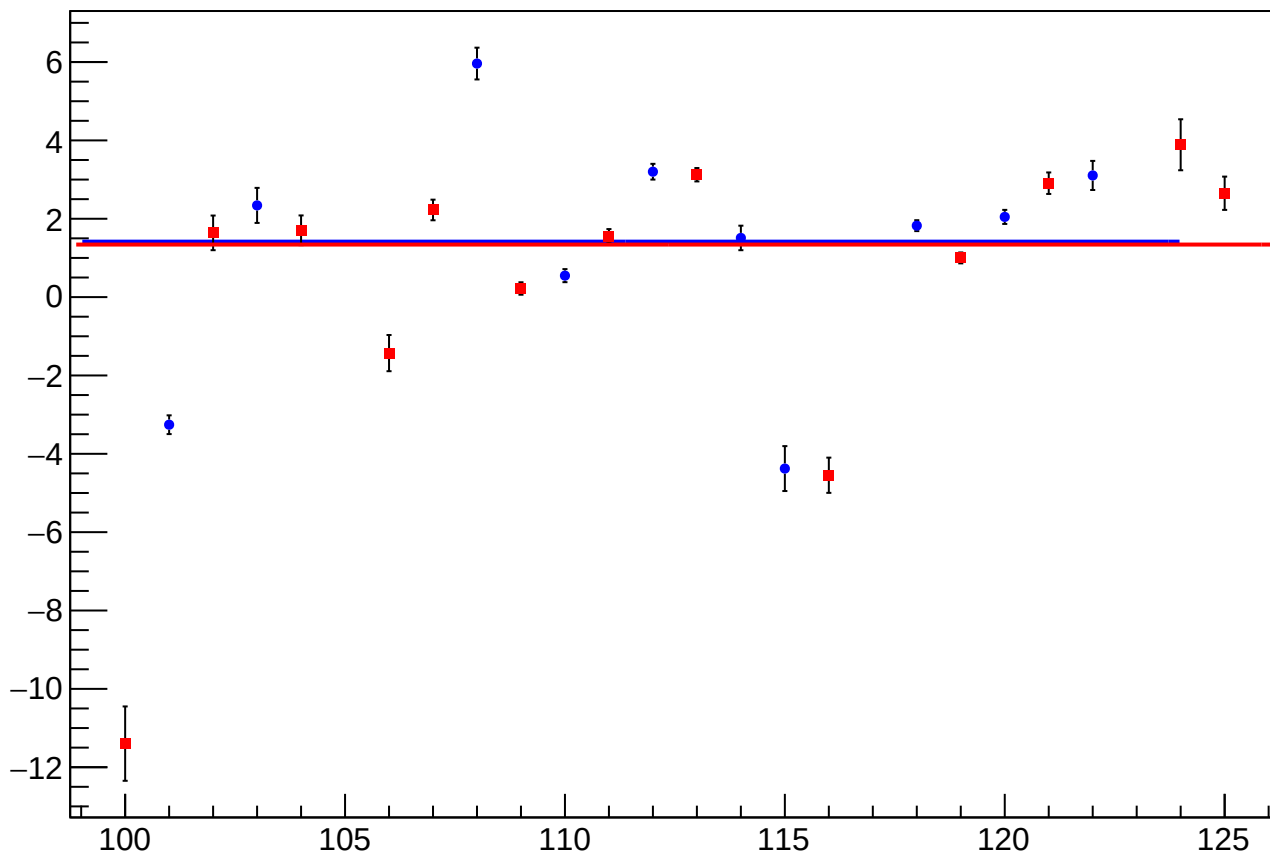
Right: -3.880+/-0.040 χ^2/NDF : 91800.1/22

In: -5.105+/-0.064 χ^2/NDF :34380.6/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.880+/-0.040 χ^2/NDF : 91800.1/22

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: 1.341+/-0.068 χ^2/NDF : 623.8/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

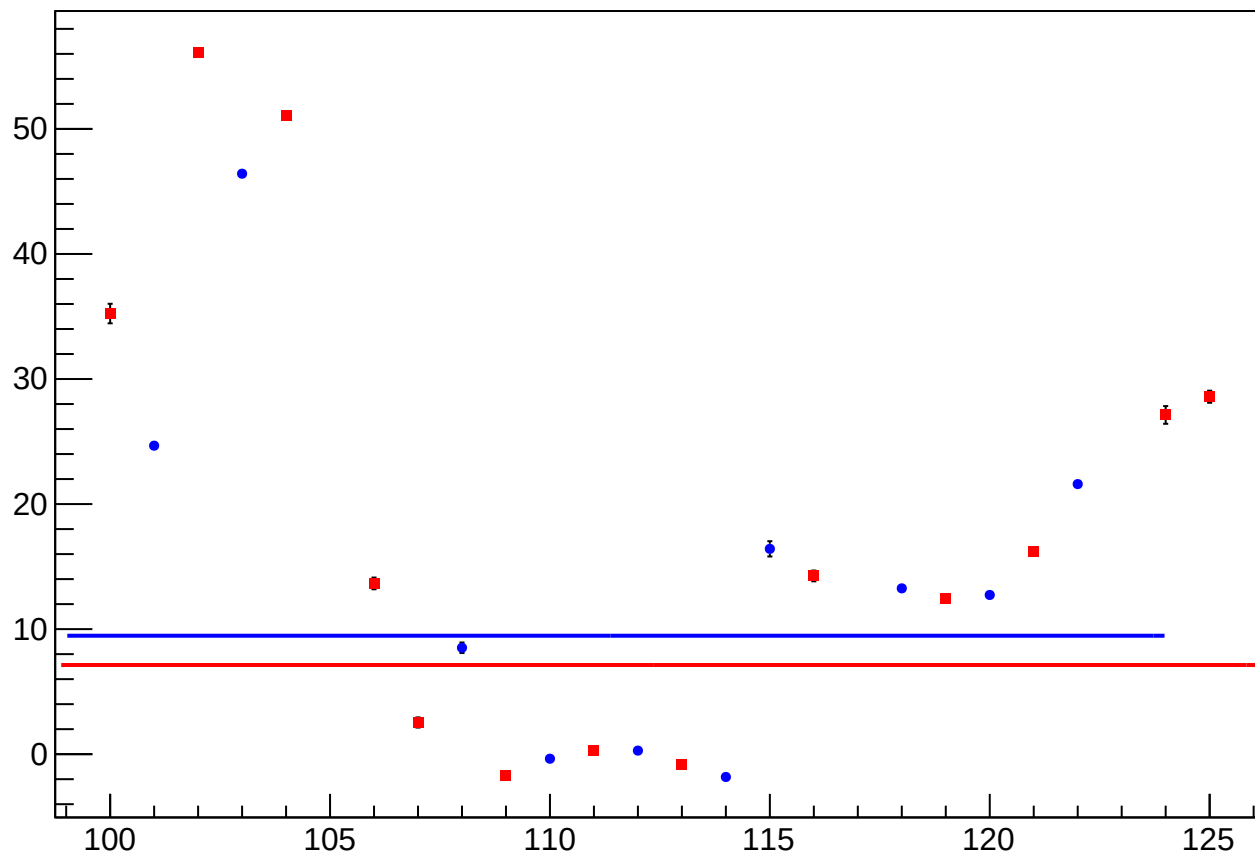
Right: 1.377+/-0.050 χ^2/NDF : 1385.7/22

In: 1.416+/-0.072 χ^2/NDF : 761.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.377+/-0.050 χ^2/NDF : 1385.7/22

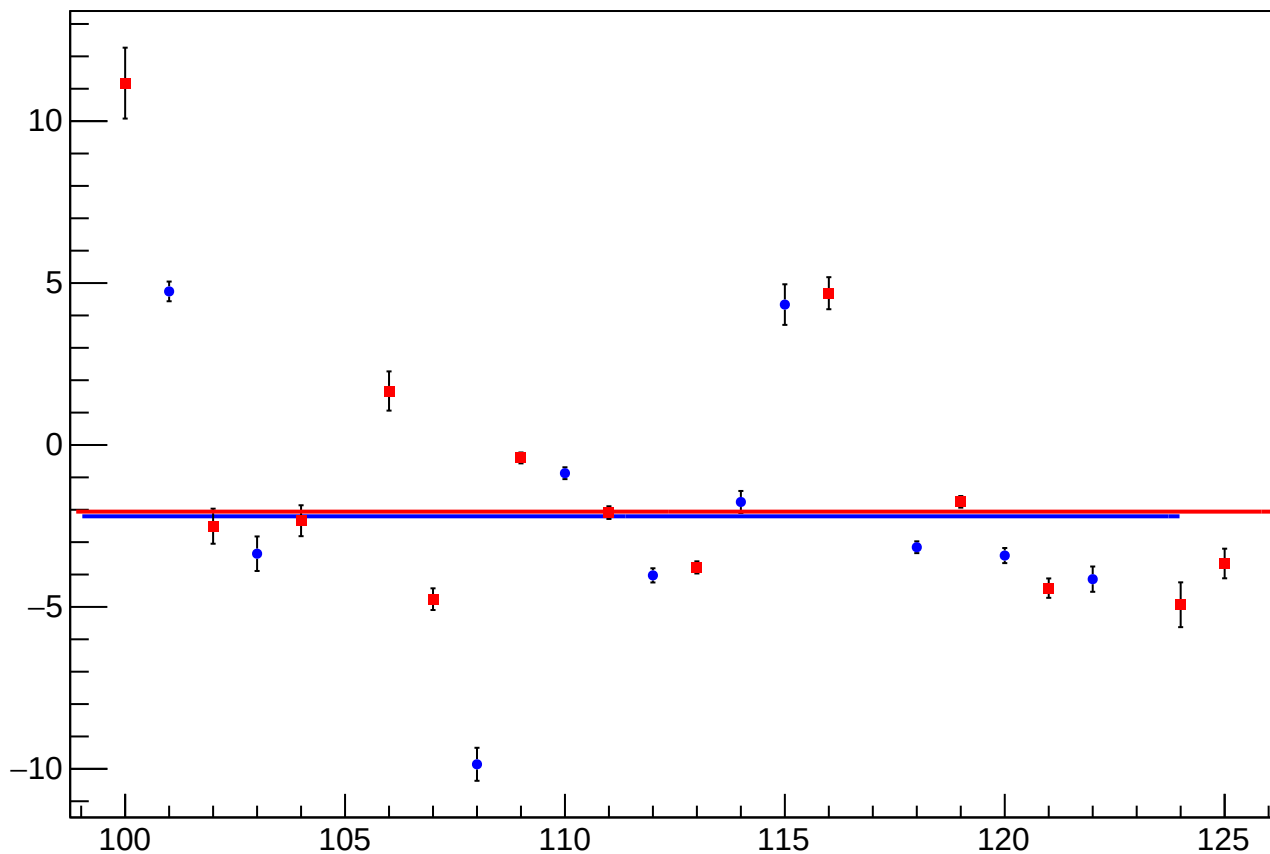
reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 7.130+/-0.069 χ^2/NDF : 48194.1/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 8.130+/-0.052 χ^2/NDF : 74621.6/22
 In: 9.472+/-0.080 χ^2/NDF : 25931.6/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 8.130+/-0.052 χ^2/NDF : 74621.6/22

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.202+/-0.086 χ^2/NDF : 1064.3/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.058+/-0.078 χ^2/NDF : 712.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

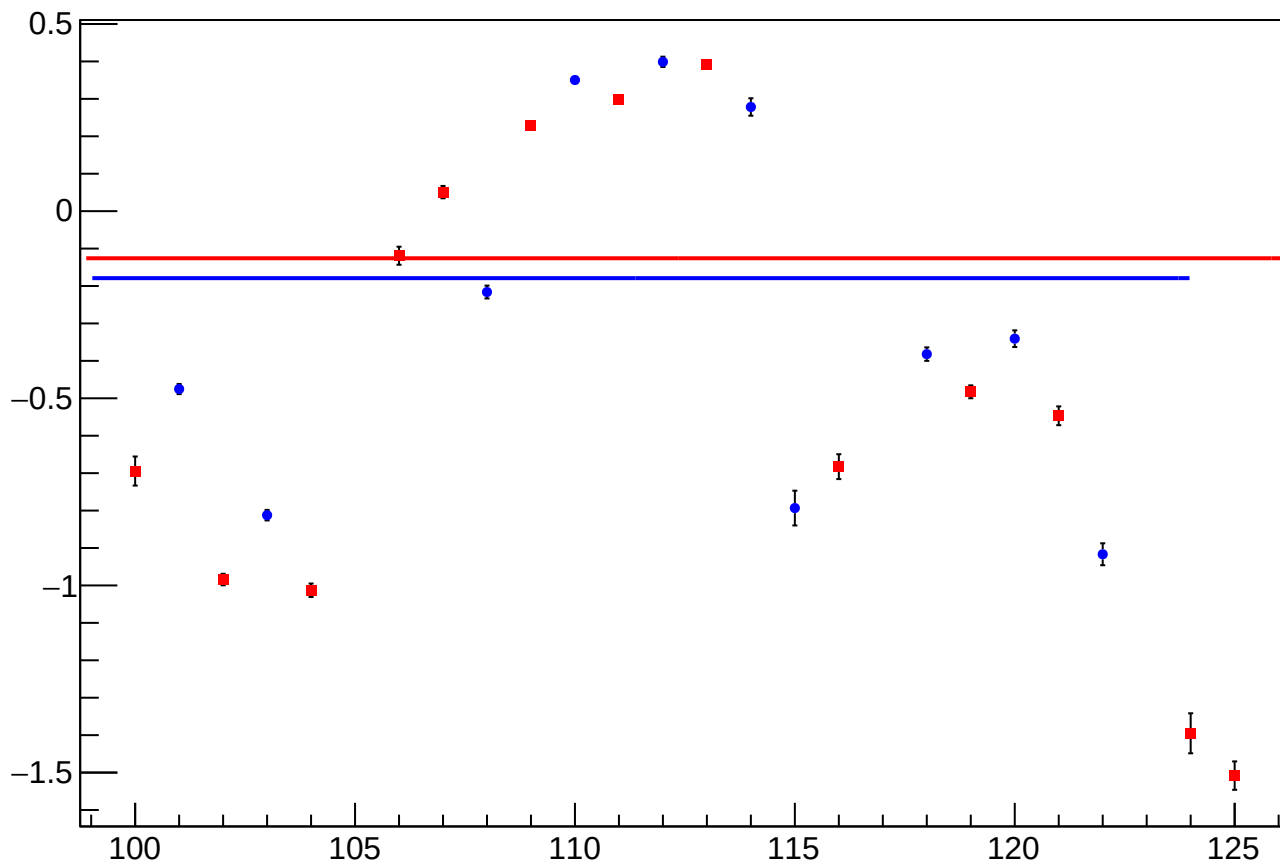
Right: -2.123+/-0.058 χ^2/NDF : 1778.6/22

In: -2.202+/-0.086 χ^2/NDF :1064.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.123+/-0.058 χ^2/NDF : 1778.6/22

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: -0.126+/-0.005 χ^2/NDF : 13026.9/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

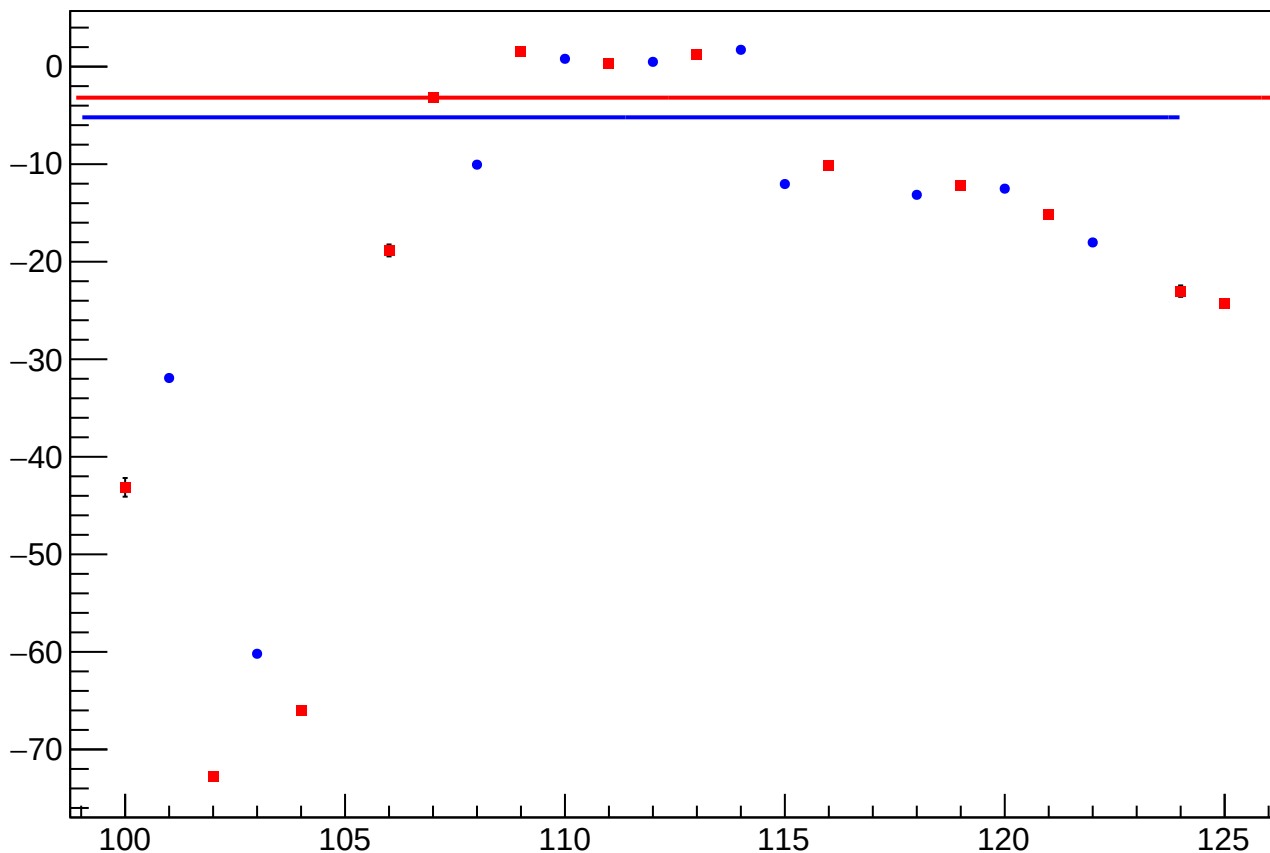
Right: -0.149+/-0.004 χ^2/NDF : 20376.6/22

In: -0.179+/-0.005 χ^2/NDF :7296.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.149+/-0.004 χ^2/NDF : 20376.6/22

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: -3.180+/-0.051 χ^2/NDF : 56773.6/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

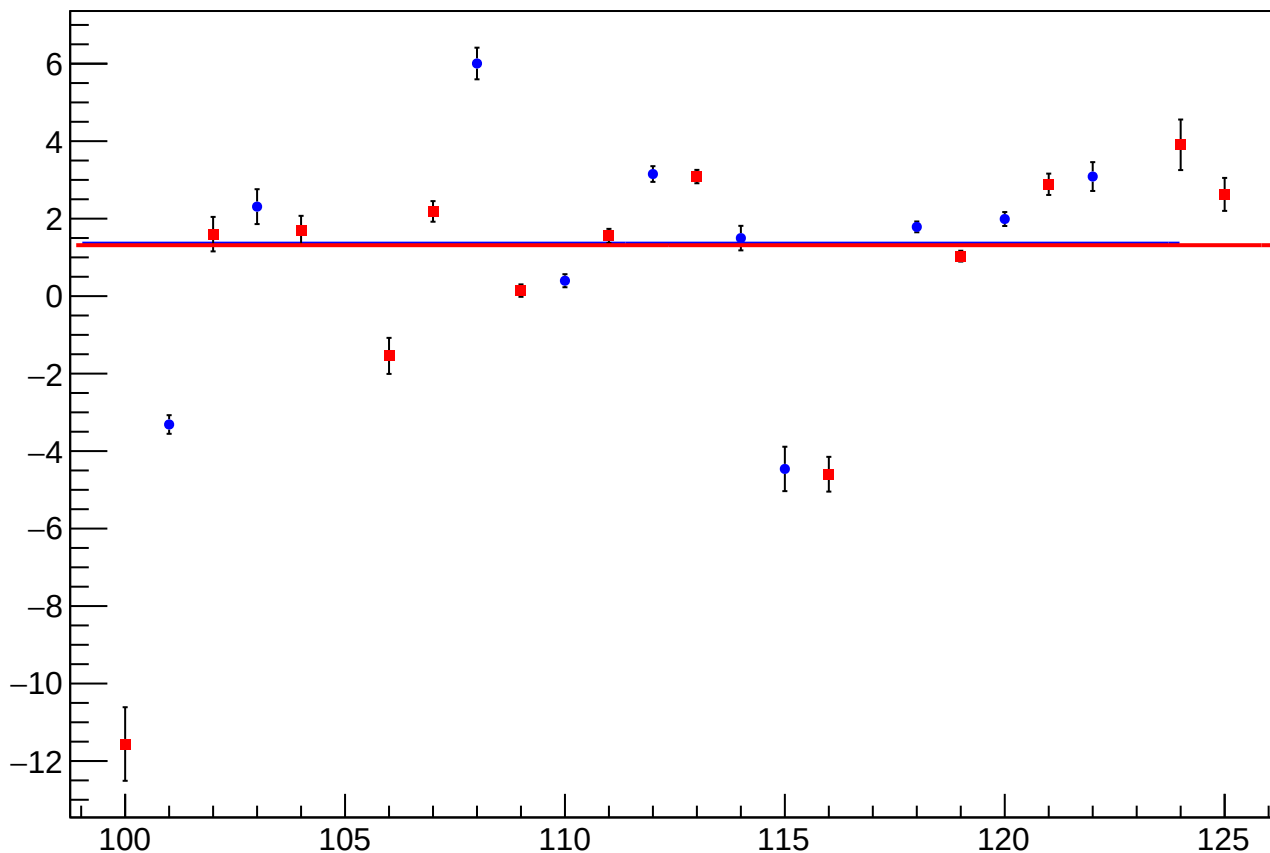
Right: -3.960+/-0.040 χ^2/NDF : 91690.4/22

In: -5.197+/-0.065 χ^2/NDF :34323.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.960+/-0.040 χ^2/NDF : 91690.4/22

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: 1.315+/-0.069 χ^2/NDF : 629.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

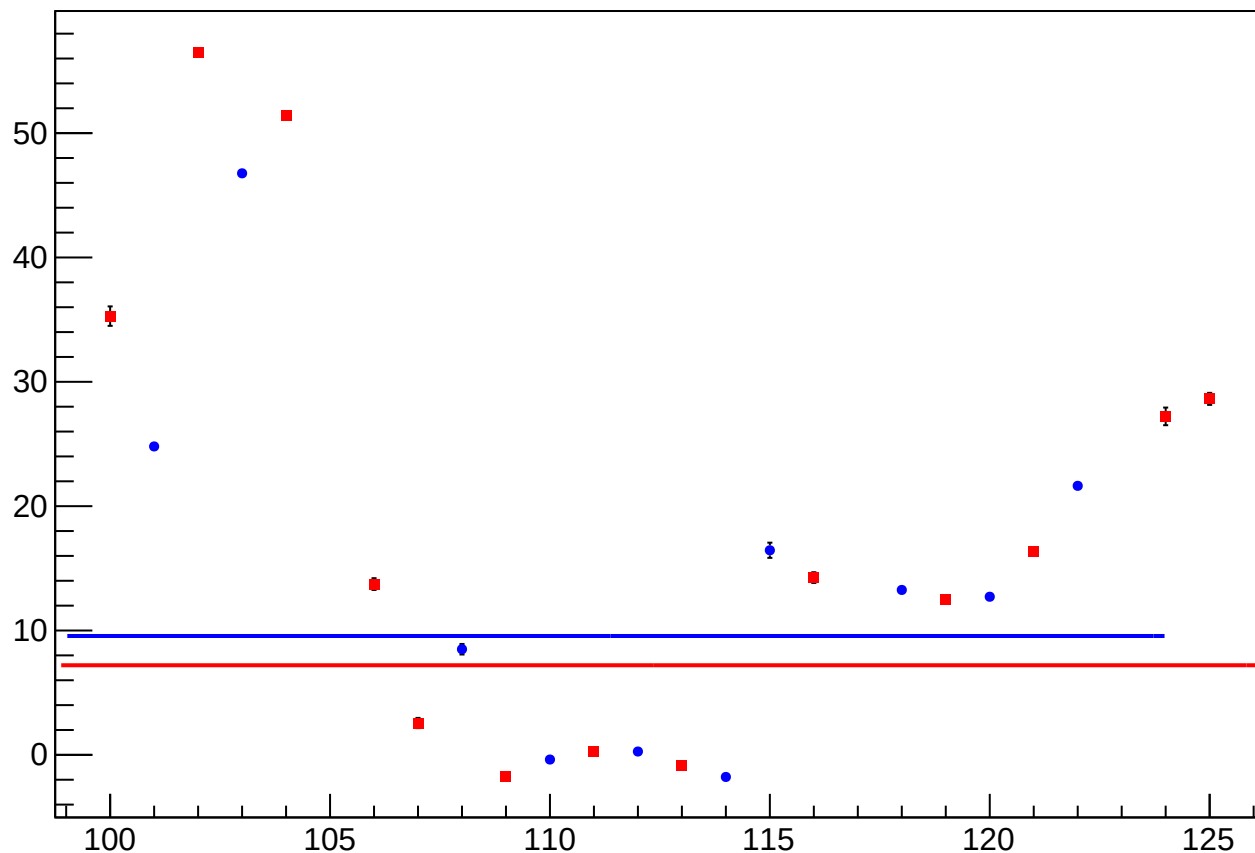
Right: 1.334+/-0.050 χ^2/NDF : 1398.1/22

In: 1.355+/-0.073 χ^2/NDF : 768.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.334+/-0.050 χ^2/NDF : 1398.1/22

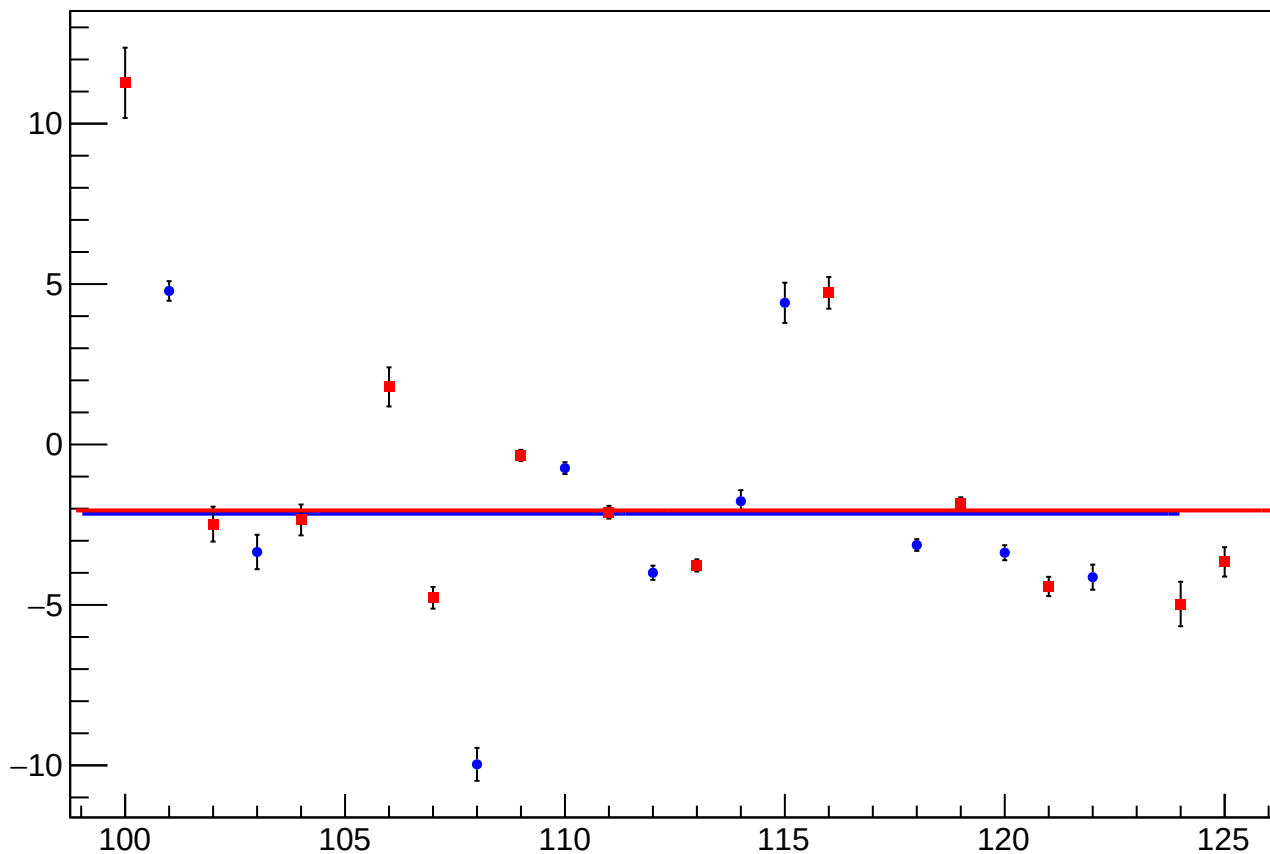
reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 7.207+/-0.069 χ^2/NDF : 48135.9/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 8.213+/-0.052 χ^2/NDF : 74500.9/22
 In: 9.560+/-0.080 χ^2/NDF : 25871.9/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 8.213+/-0.052 χ^2/NDF : 74500.9/22

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.156 ± 0.087 χ^2/NDF : 1073.3/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.054 ± 0.079 χ^2/NDF : 720.4/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

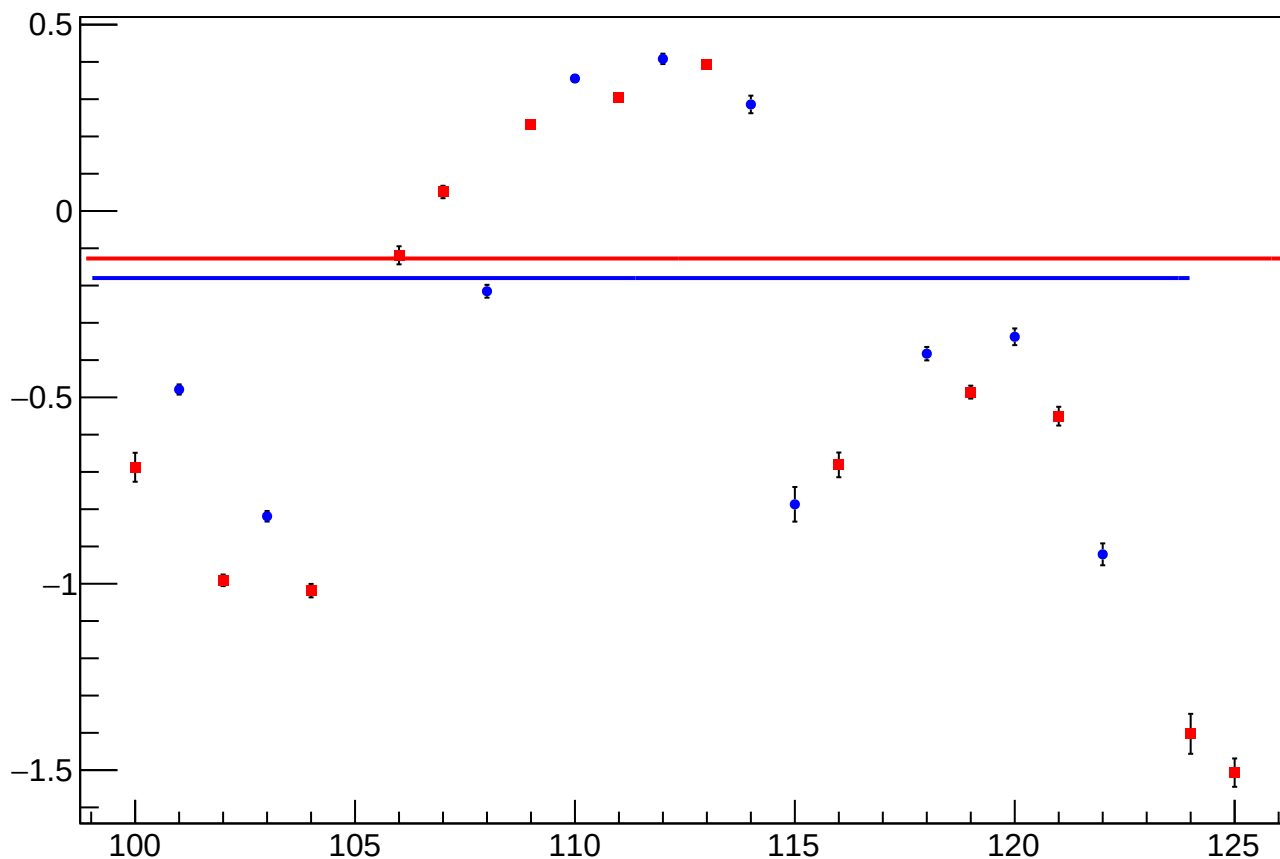
Right: -2.101 ± 0.058 χ^2/NDF : 1794.4/22

In: -2.156 ± 0.087 χ^2/NDF : 1073.3/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.101 ± 0.058 χ^2/NDF : 1794.4/22

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: -0.127 ± 0.005 χ^2/NDF : 13022.9/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

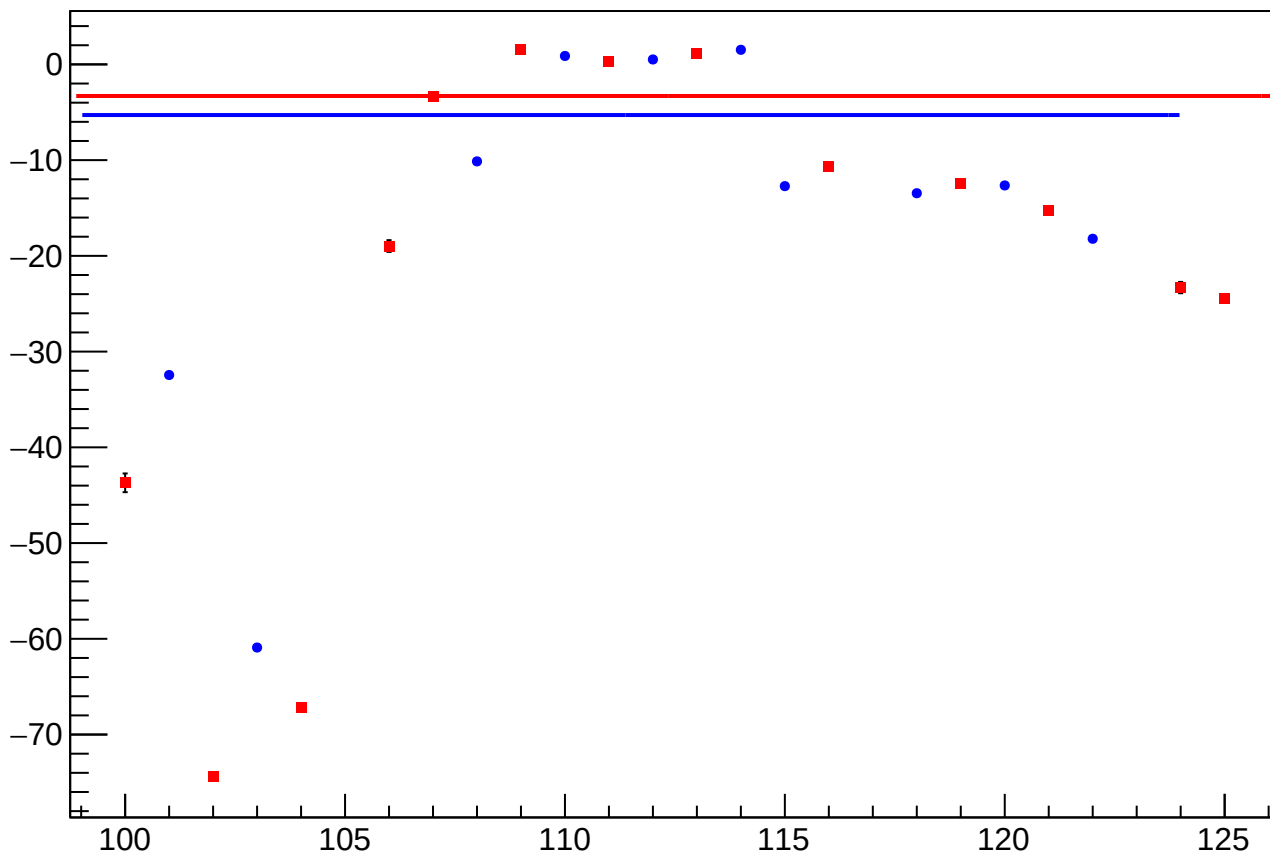
Right: -0.150 ± 0.004 χ^2/NDF : 20413.2/22

In: -0.180 ± 0.005 χ^2/NDF : 7338.8/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.150 ± 0.004 χ^2/NDF : 20413.2/22

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: -3.300+/-0.053 χ^2/NDF : 56309.6/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

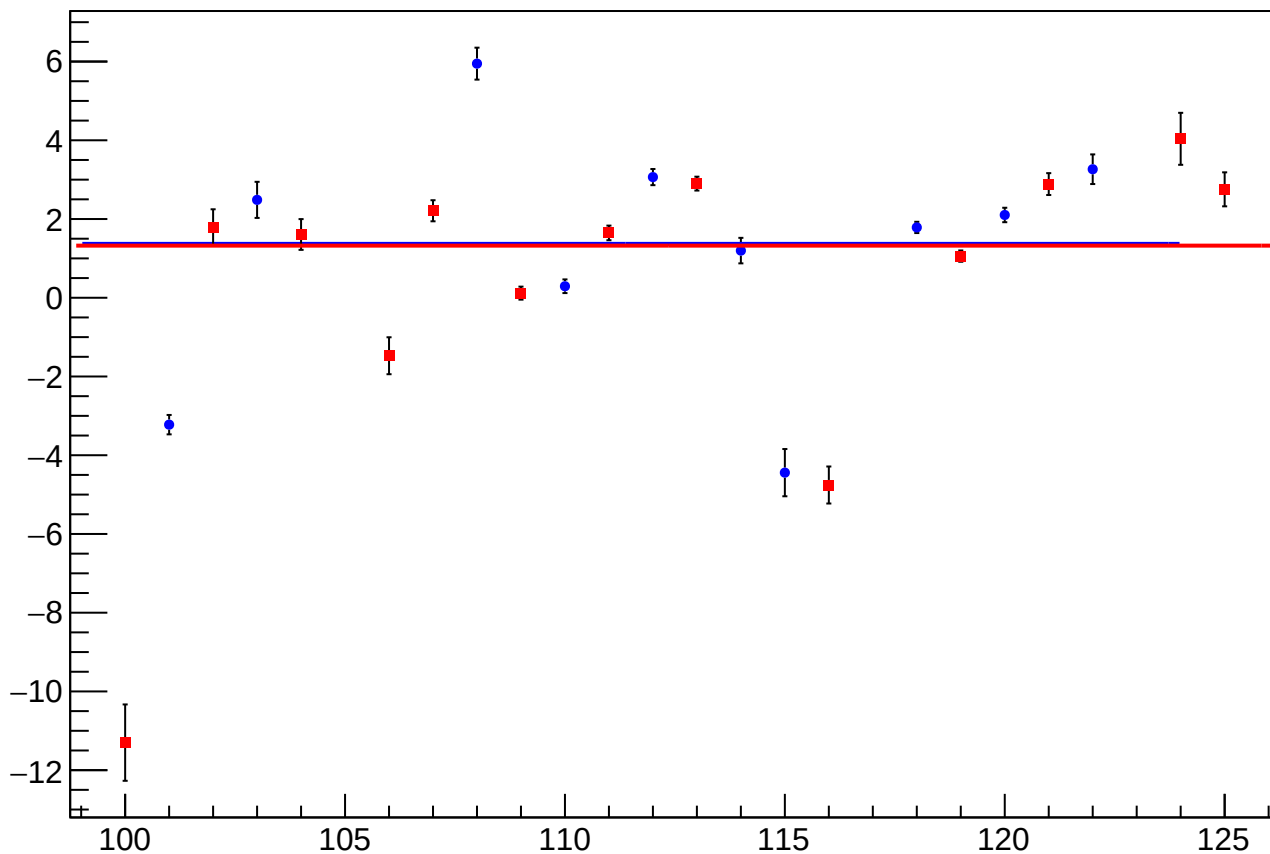
Right: -4.073+/-0.041 χ^2/NDF : 90752.6/22

In: -5.290+/-0.066 χ^2/NDF : 33890.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.073+/-0.041 χ^2/NDF : 90752.6/22

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: 1.324+/-0.070 χ^2/NDF : 584.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

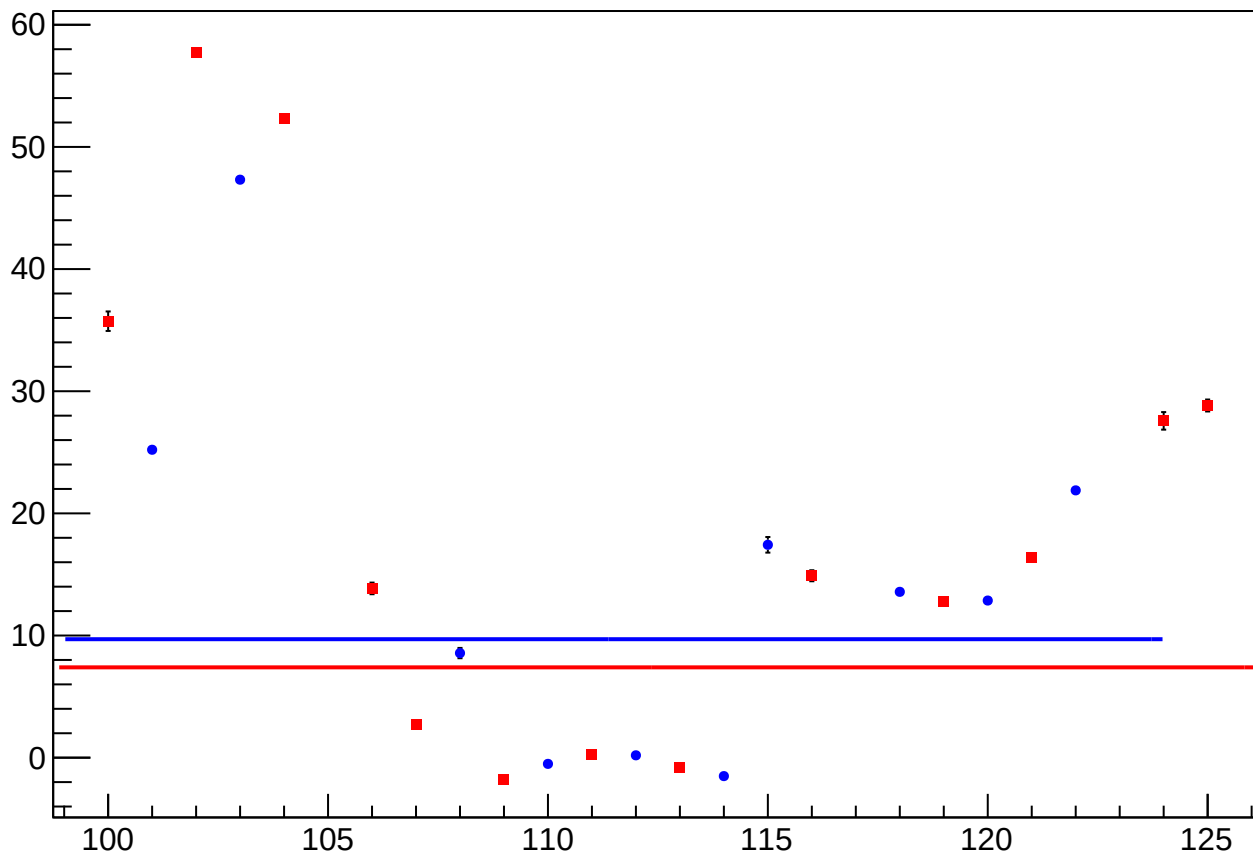
Right: 1.345+/-0.051 χ^2/NDF : 1315.8/22

In: 1.369+/-0.074 χ^2/NDF : 731.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.345+/-0.051 χ^2/NDF : 1315.8/22

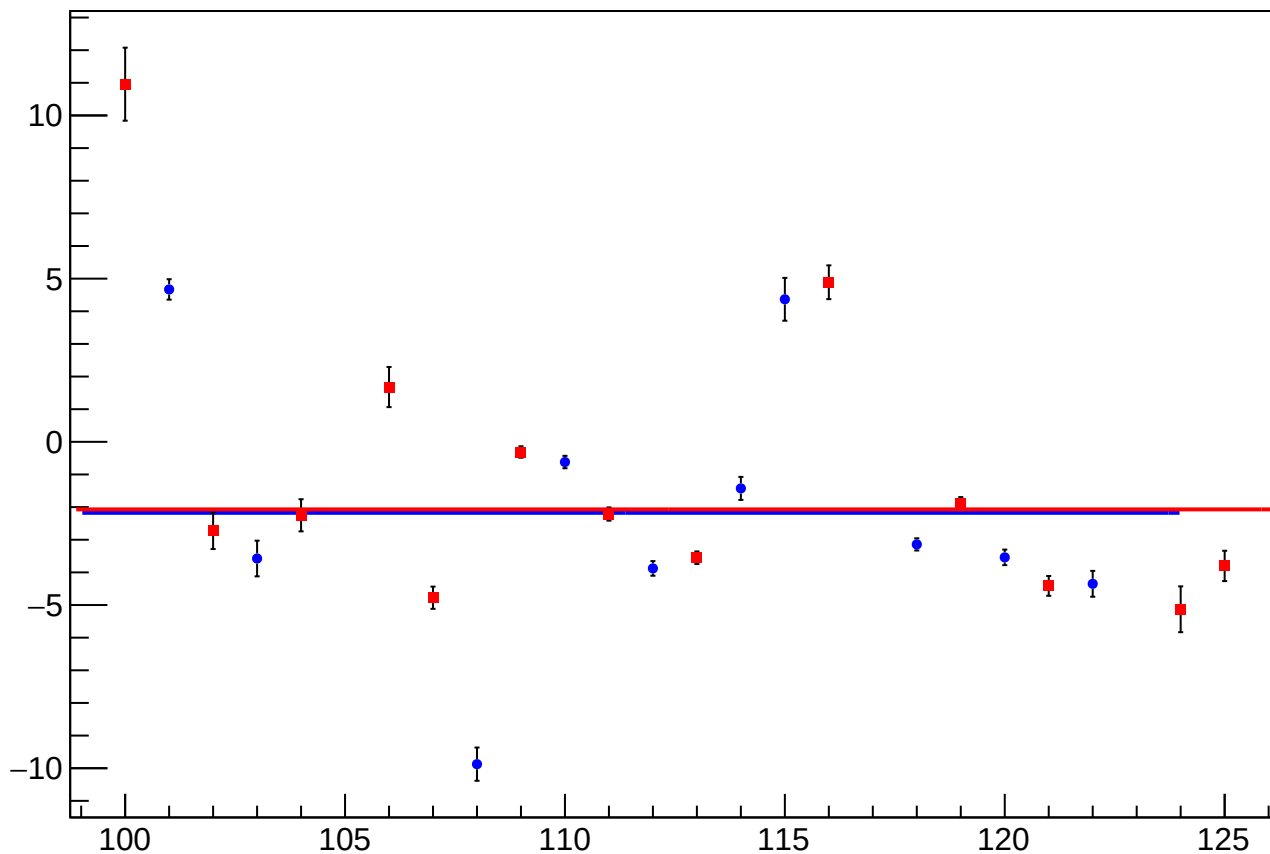
reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 7.394+/-0.071 χ^2/NDF : 47729.7/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 8.382+/-0.054 χ^2/NDF : 73772.2/22
 In: 9.698+/-0.082 χ^2/NDF : 25590.0/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 8.382+/-0.054 χ^2/NDF : 73772.2/22

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: -2.070+/-0.081 χ^2/NDF : 672.7/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

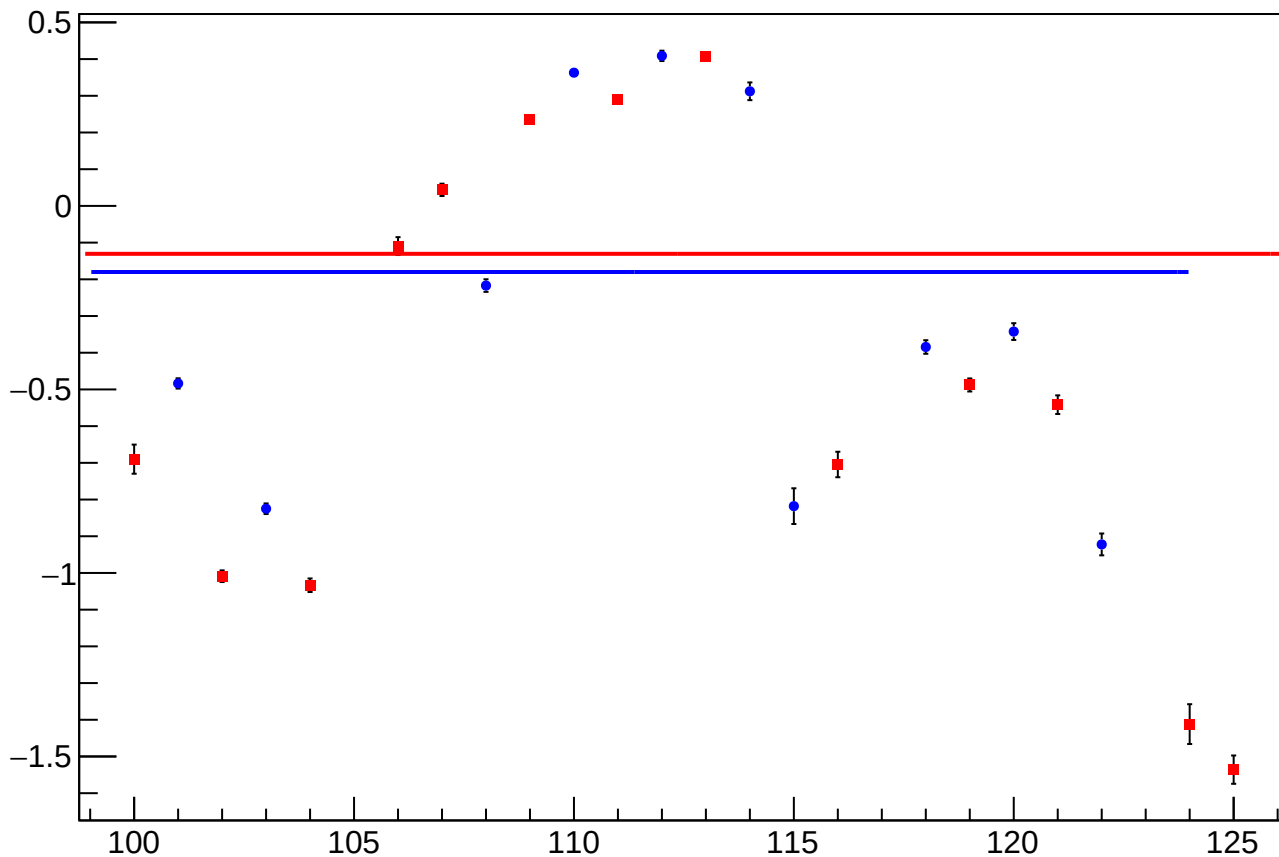
Right: -2.117+/-0.060 χ^2/NDF : 1704.4/22

In: -2.175+/-0.088 χ^2/NDF :1031.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.117+/-0.060 χ^2/NDF : 1704.4/22

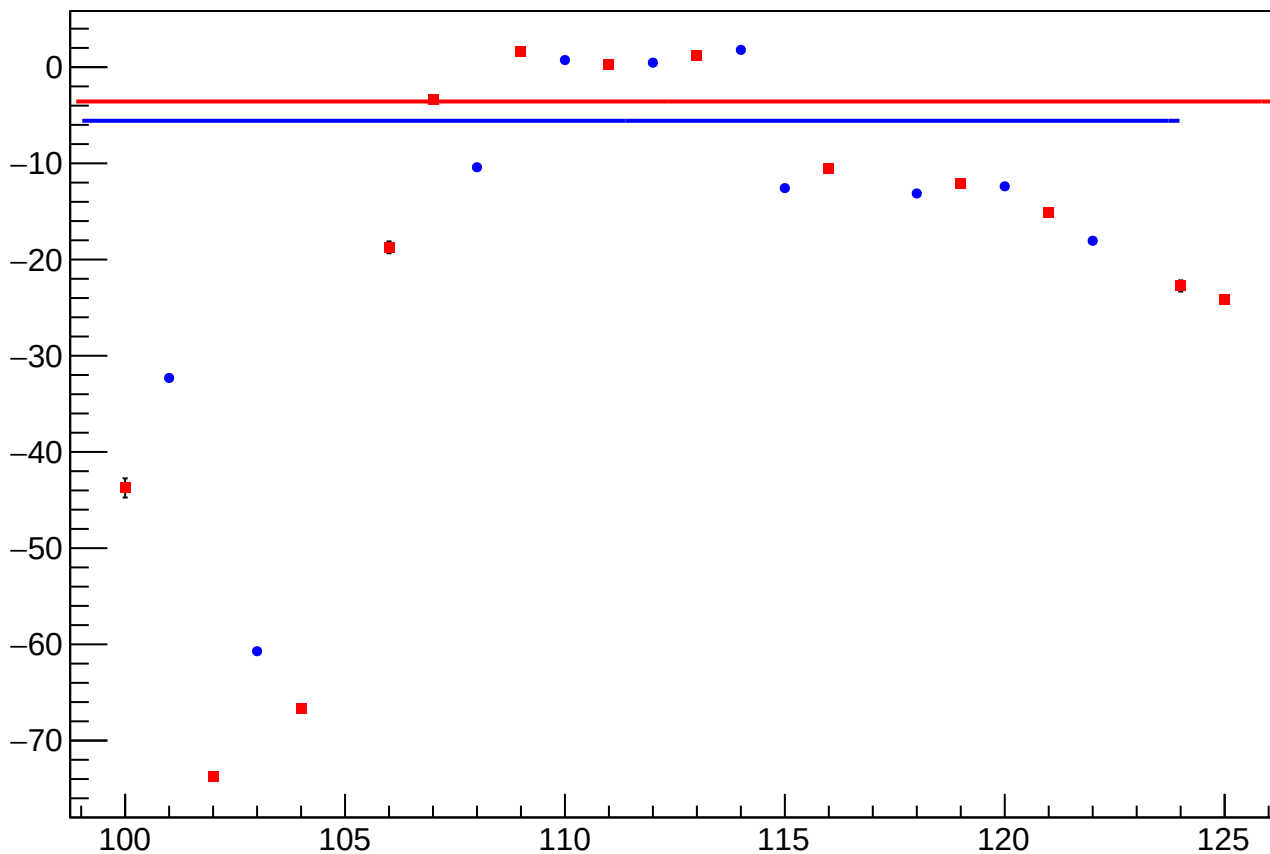
reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



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: -0.131+/-0.005 χ^2/NDF : 12794.6/12
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.152+/-0.004 χ^2/NDF : 20051.4/22
 In: -0.180+/-0.006 χ^2/NDF :7212.7/9
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -0.152+/-0.004 χ^2/NDF : 20051.4/22

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.575+/-0.068 χ^2/NDF : 32895.1/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.569+/-0.054 χ^2/NDF : 54974.1/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

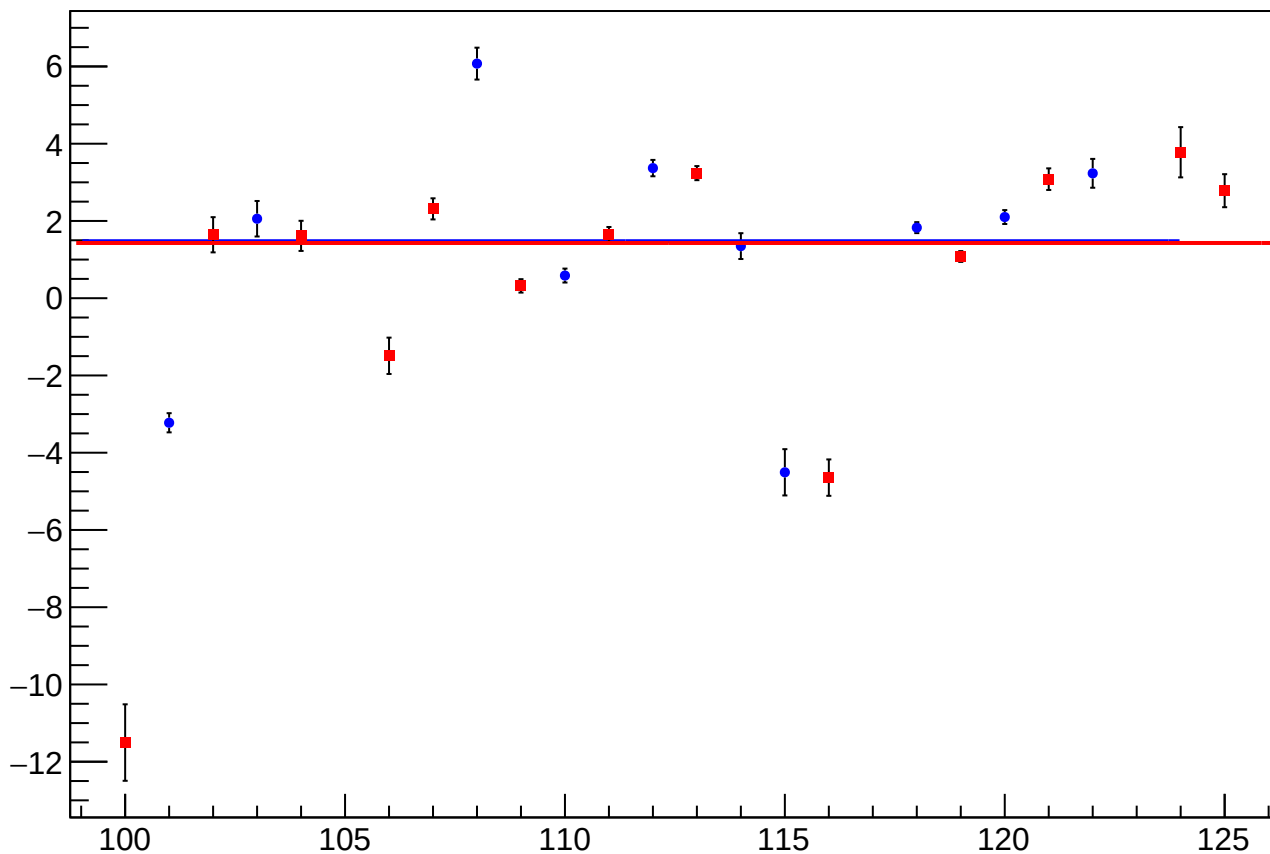
Right: -4.356+/-0.042 χ^2/NDF : 88401.5/22

In: -5.575+/-0.068 χ^2/NDF :32895.1/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.356+/-0.042 χ^2/NDF : 88401.5/22

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: 1.430+/-0.071 χ^2/NDF : 591.1/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

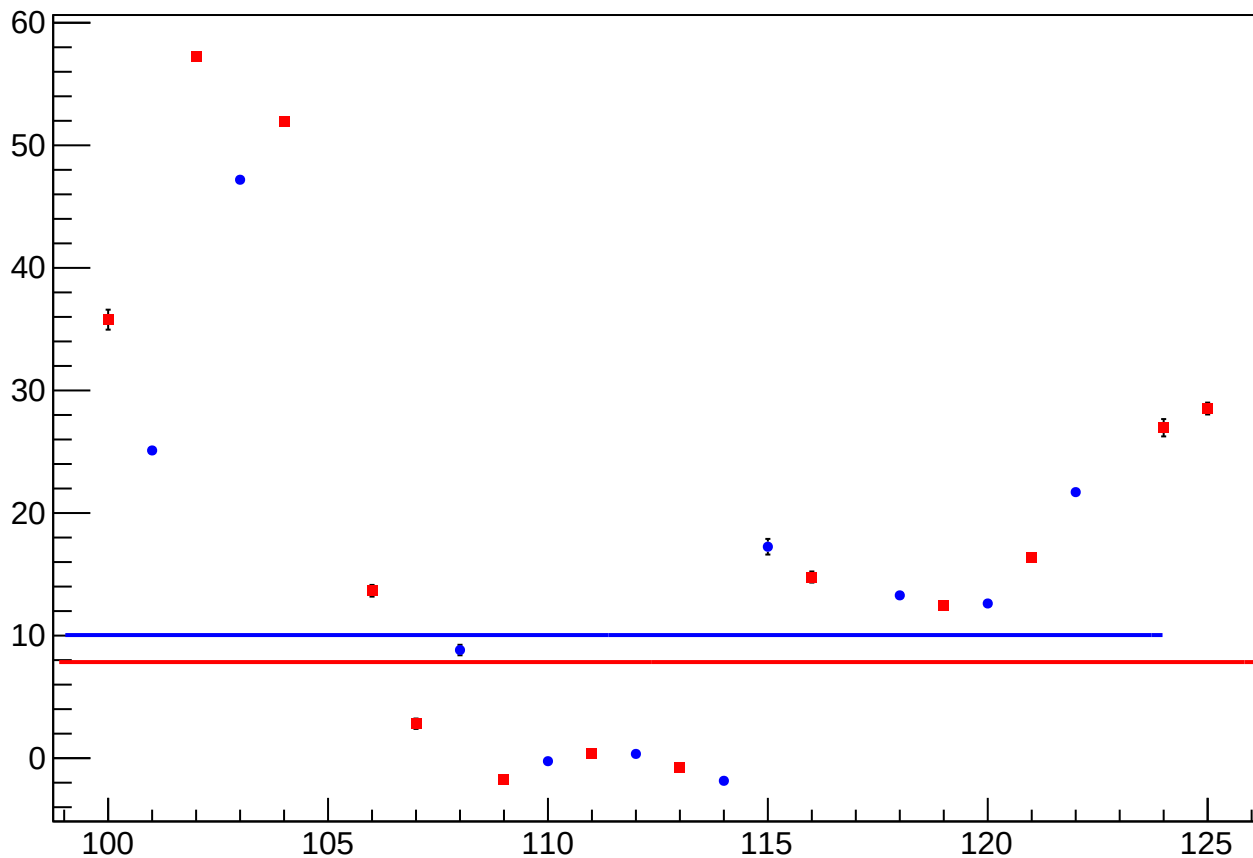
Right: 1.451+/-0.052 χ^2/NDF : 1319.7/22

In: 1.475+/-0.075 χ^2/NDF : 728.4/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.451+/-0.052 χ^2/NDF : 1319.7/22

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: 7.840+/-0.073 χ^2/NDF : 46107.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

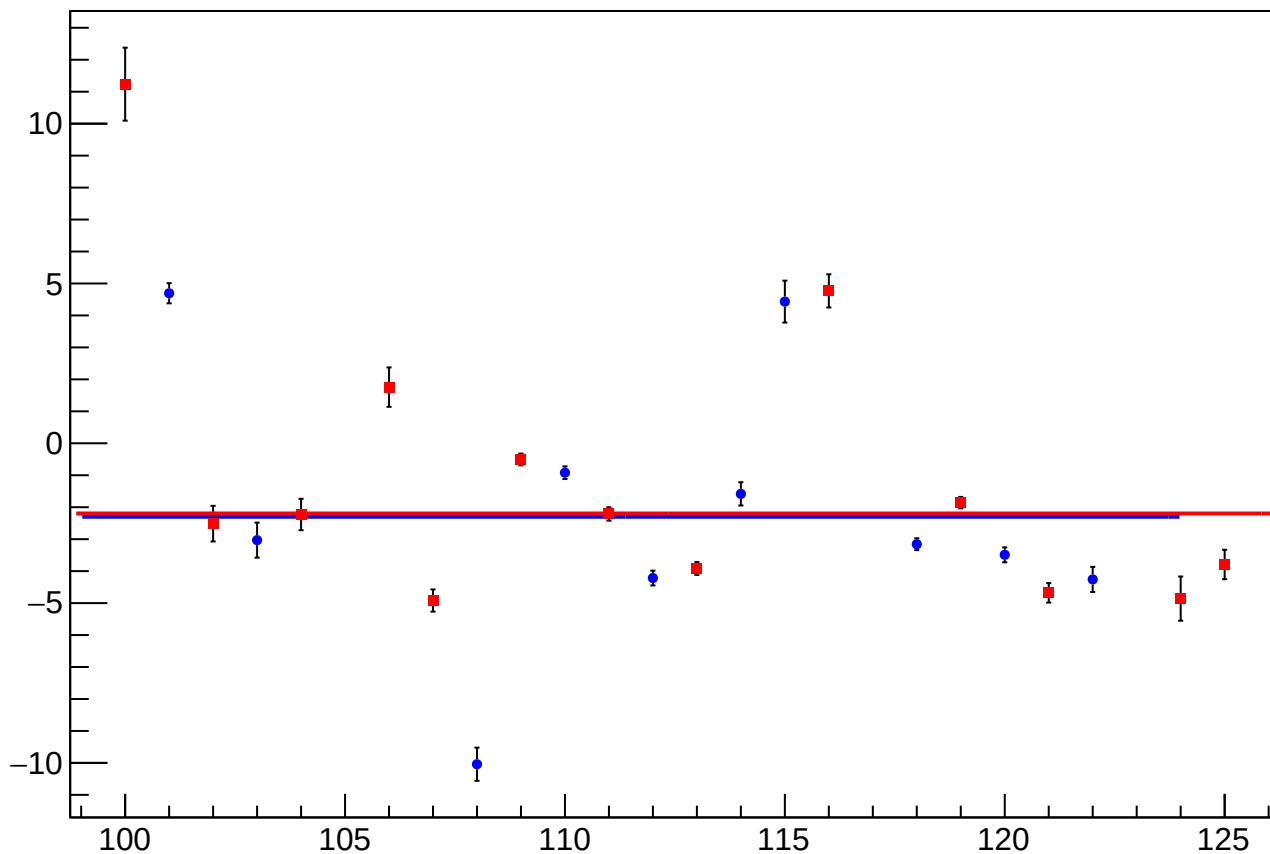
Right: 8.793+/-0.055 χ^2/NDF : 71040.0/22

In: 10.044+/-0.083 χ^2/NDF : 24535.3/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.793+/-0.055 χ^2/NDF : 71040.0/22

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: -2.197+/-0.082 χ^2/NDF : 677.2/12

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

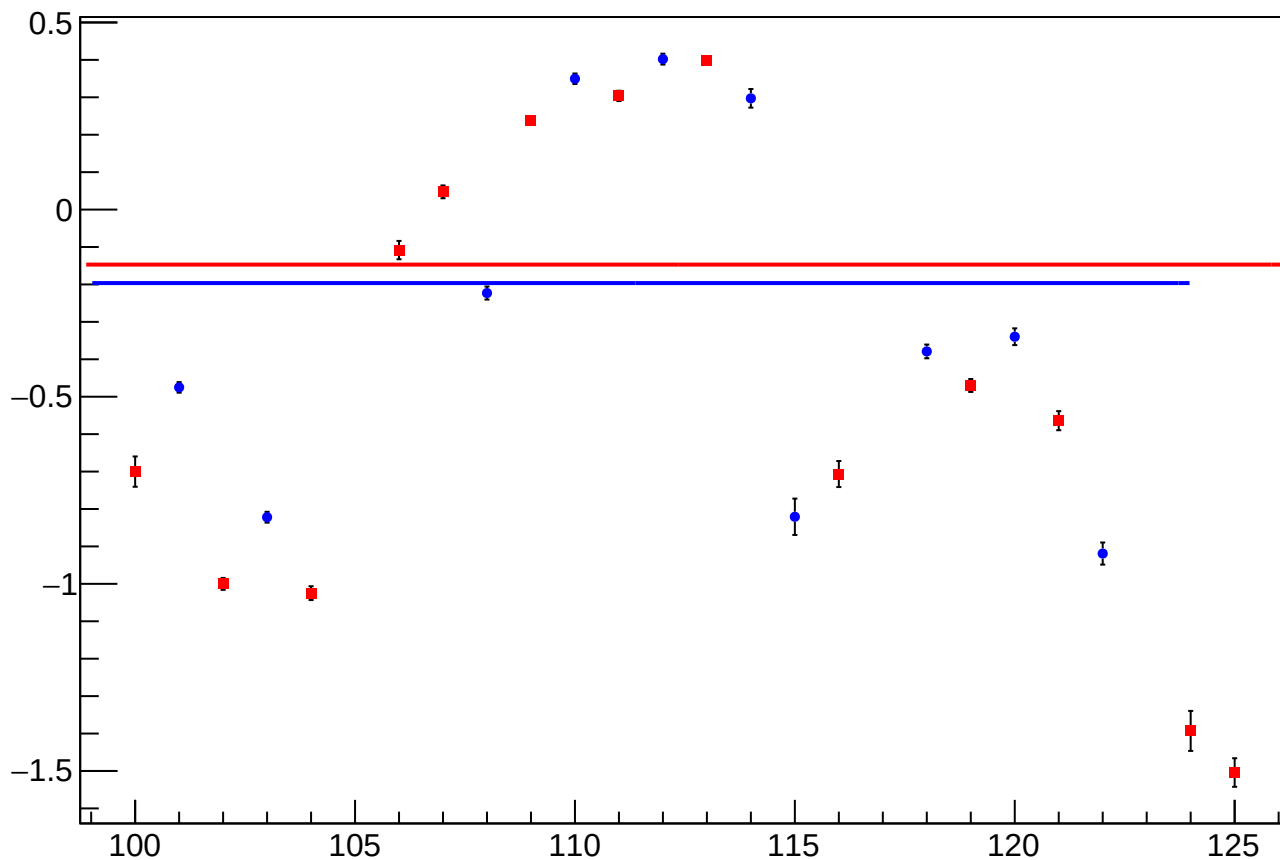
Right: -2.243+/-0.060 χ^2/NDF : 1692.9/22

In: -2.298+/-0.089 χ^2/NDF :1015.0/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.243+/-0.060 χ^2/NDF : 1692.9/22

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: -0.147 ± 0.005 χ^2/NDF : 12383.0/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

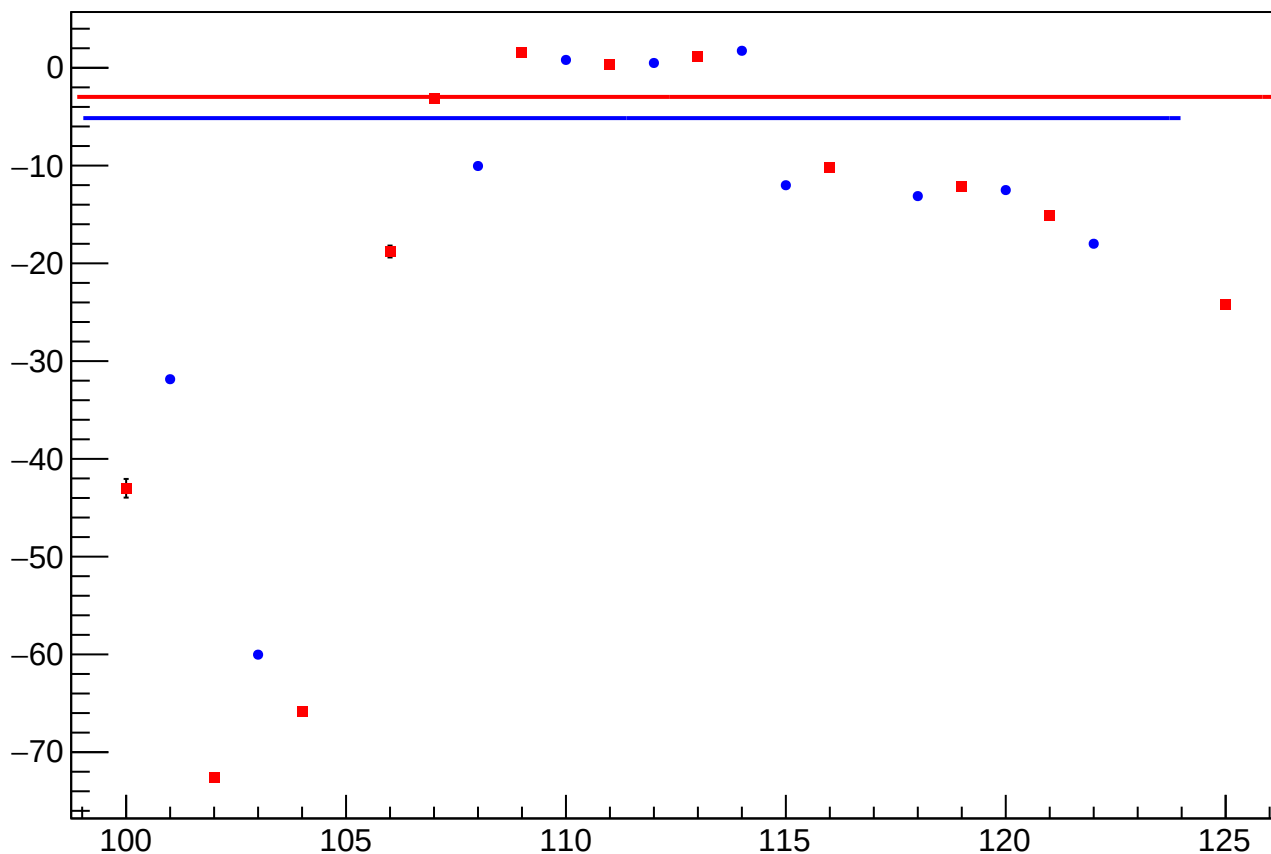
Right: -0.169 ± 0.004 χ^2/NDF : 19195.0/22

In: -0.196 ± 0.006 χ^2/NDF : 6769.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.169 ± 0.004 χ^2/NDF : 19195.0/22

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: -2.975+/-0.051 χ^2/NDF : 55732.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

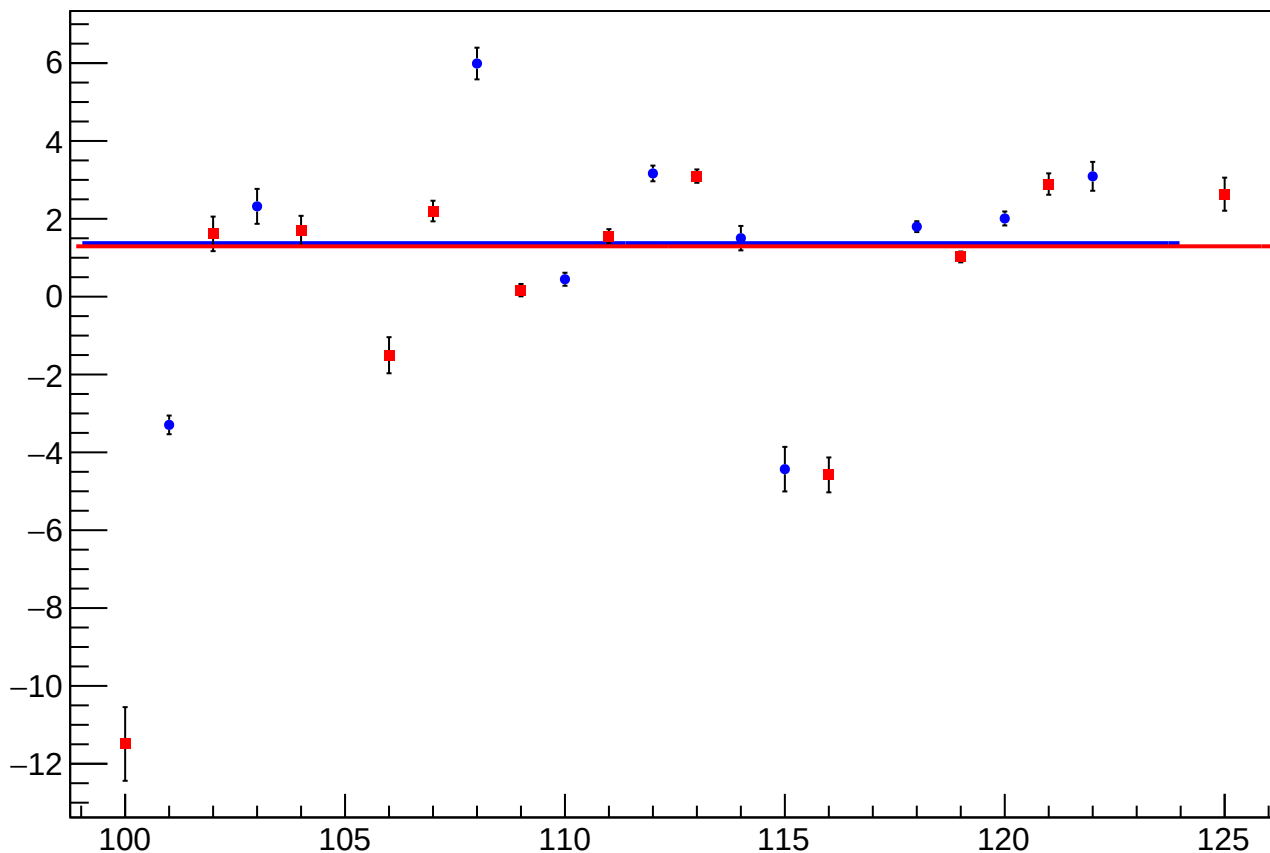
Right: -3.817+/-0.040 χ^2/NDF : 90851.0/21

In: -5.145+/-0.064 χ^2/NDF :34424.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.817+/-0.040 χ^2/NDF : 90851.0/21

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: 1.293+/-0.069 χ^2/NDF : 614.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

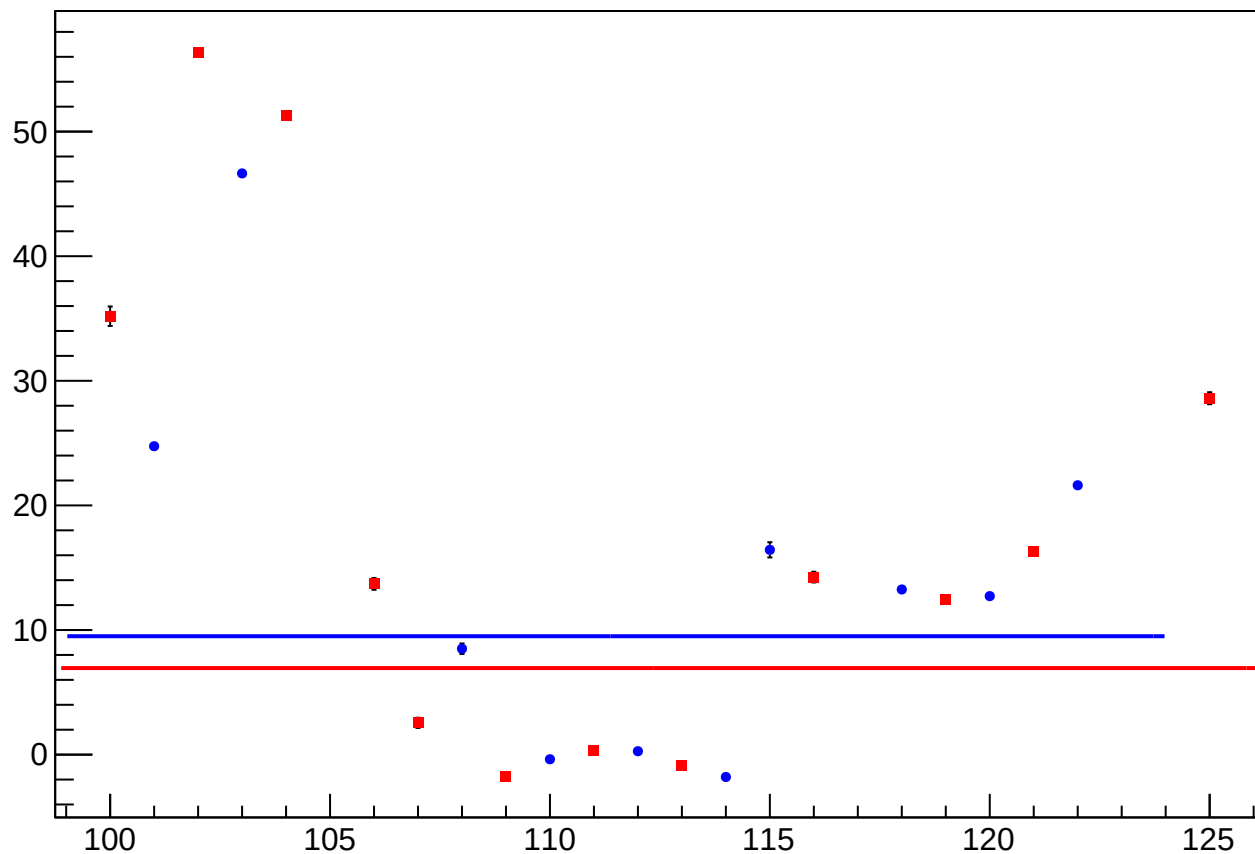
Right: 1.332+/-0.050 χ^2/NDF : 1383.0/21

In: 1.374+/-0.072 χ^2/NDF : 767.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.332+/-0.050 χ^2/NDF : 1383.0/21

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: 6.947+/-0.069 χ^2/NDF : 47475.8/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

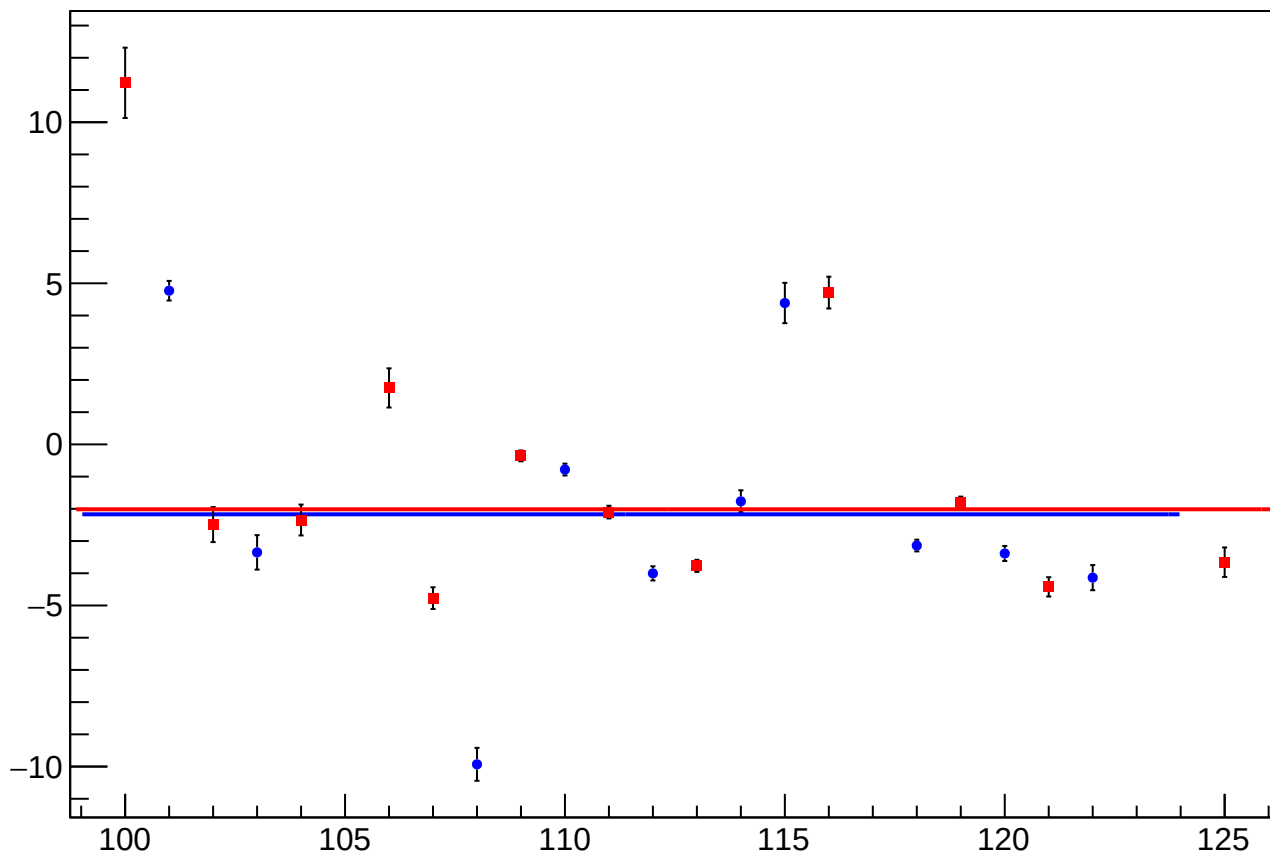
Right: 8.043+/-0.052 χ^2/NDF : 74031.1/21

In: 9.502+/-0.080 χ^2/NDF : 25969.8/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.043+/-0.052 χ^2/NDF : 74031.1/21

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: -2.014 ± 0.079 χ^2/NDF : 703.4/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

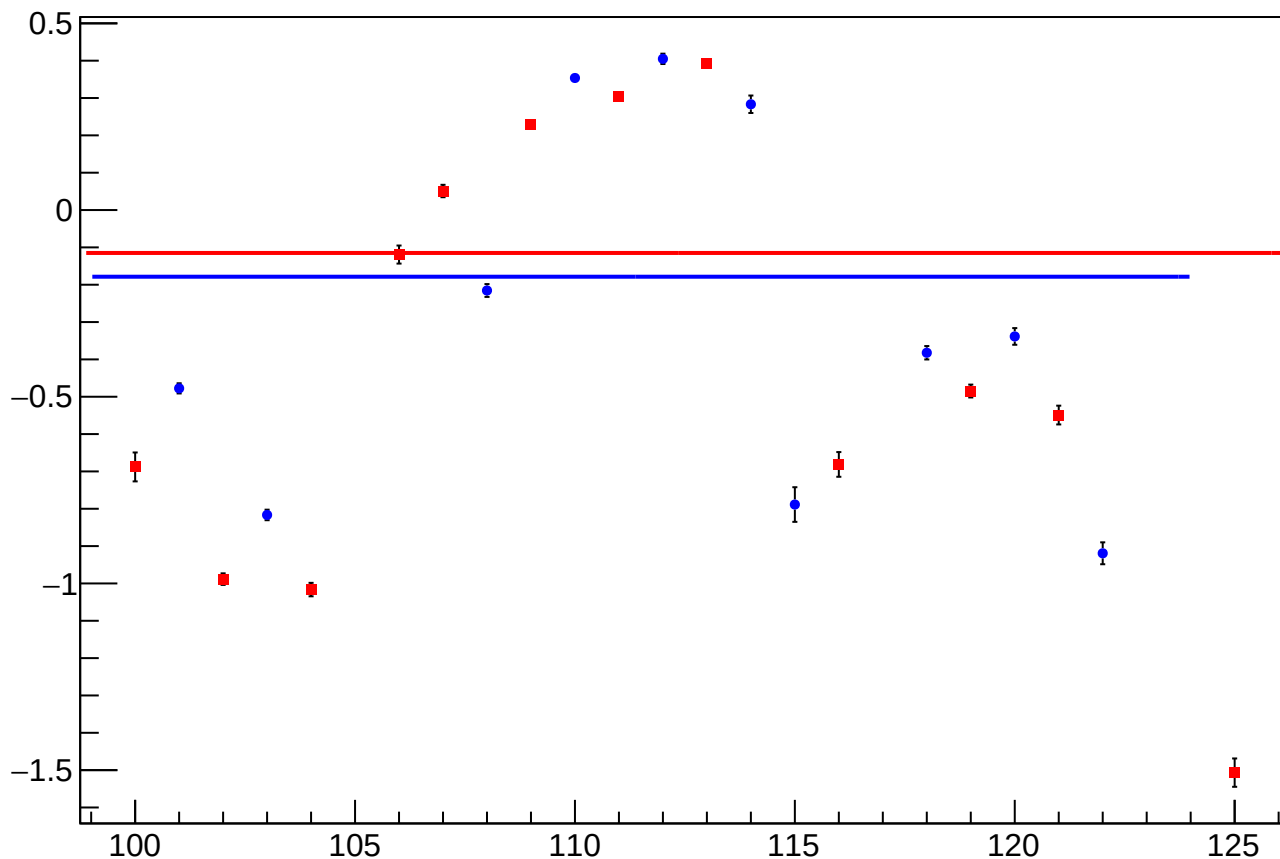
Right: -2.085 ± 0.058 χ^2/NDF : 1777.9/21

In: -2.170 ± 0.086 χ^2/NDF : 1072.7/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.085 ± 0.058 χ^2/NDF : 1777.9/21

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: -0.115+/-0.005 χ^2/NDF : 12500.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

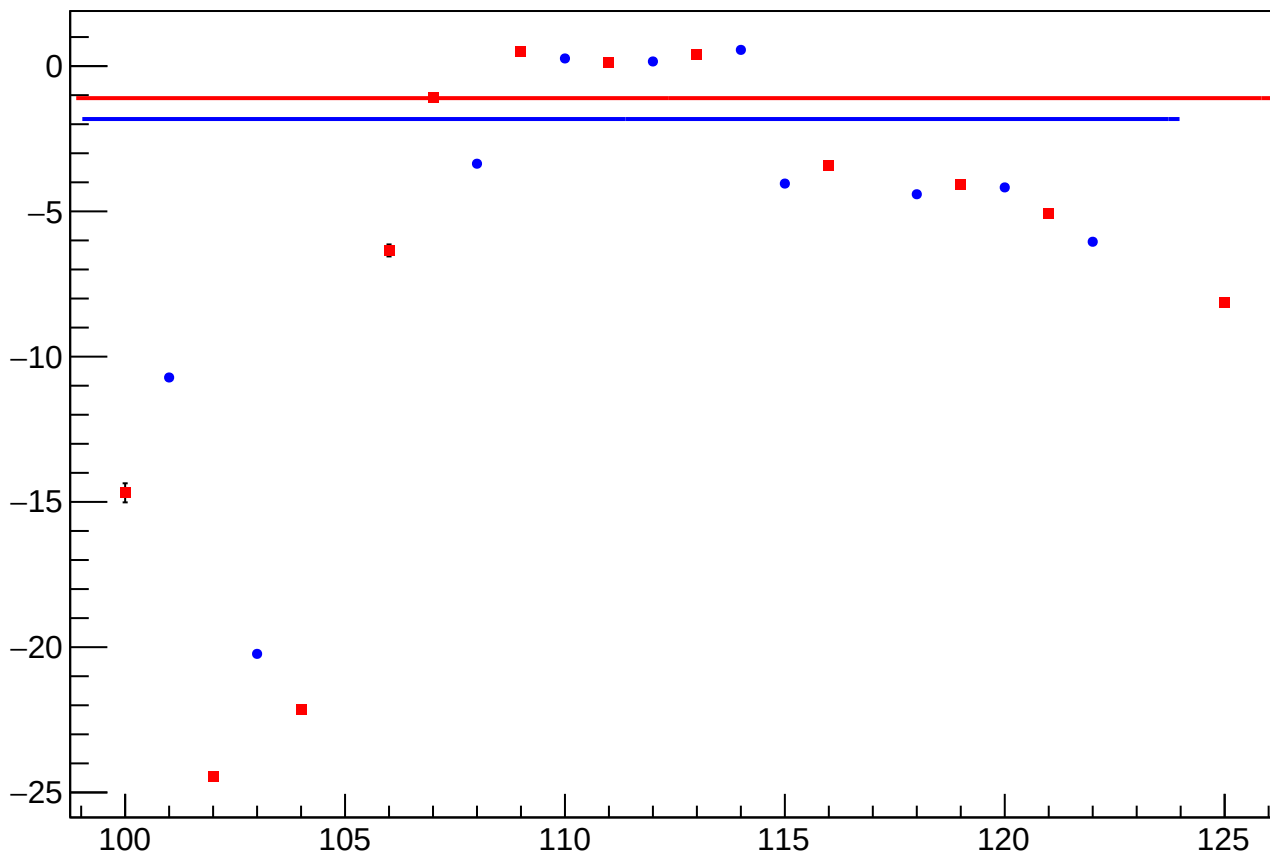
Right: -0.143+/-0.004 χ^2/NDF : 19930.1/21

In: -0.179+/-0.005 χ^2/NDF :7353.3/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.143+/-0.004 χ^2/NDF : 19930.1/21

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.822 $\pm$ 0.022 χ^2 /NDF: 33569.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.102 $\pm$ 0.018 χ^2 /NDF: 54613.6/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

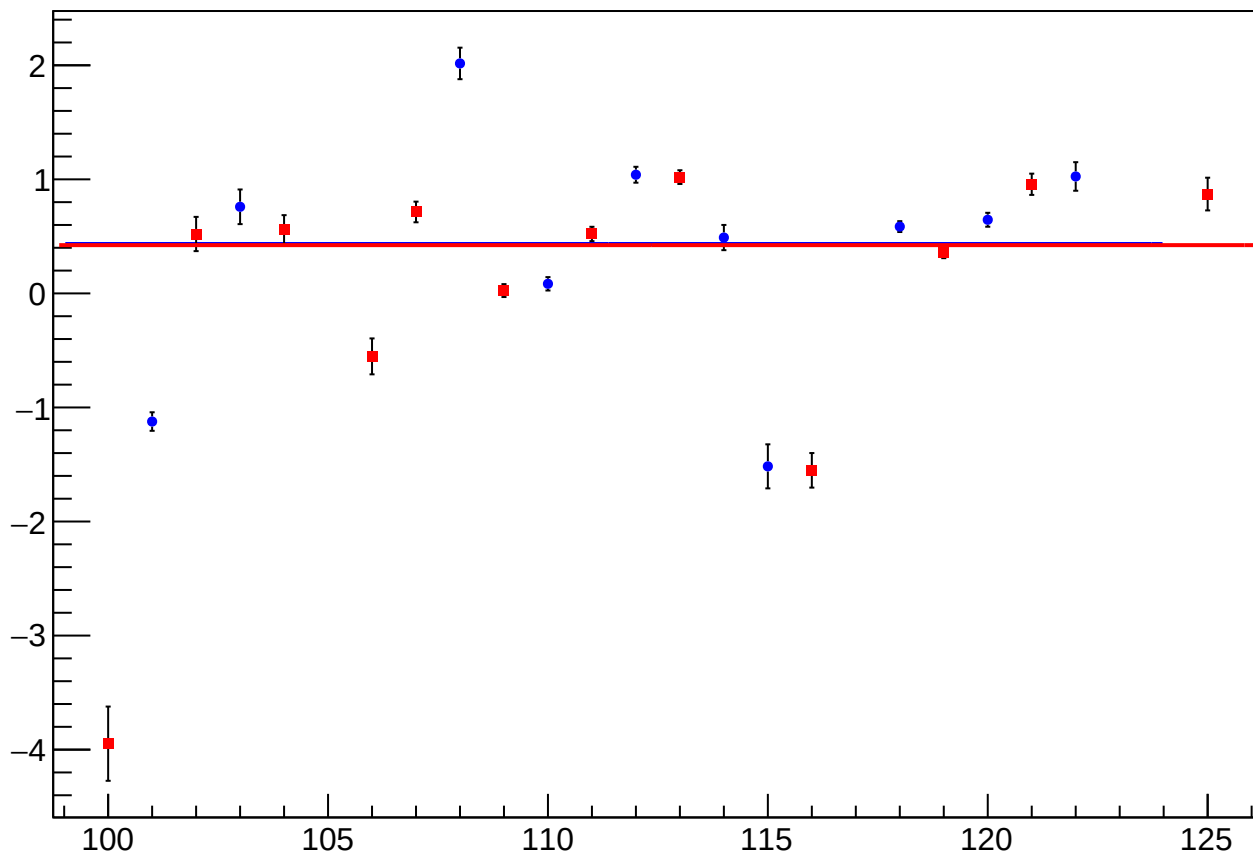
Right: -1.386 $\pm$ 0.014 χ^2 /NDF: 88812.6/21

In: -1.822 $\pm$ 0.022 χ^2 /NDF:33569.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.386 $\pm$ 0.014 χ^2 /NDF: 88812.6/21

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: 0.423+/-0.024 χ^2/NDF : 594.9/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

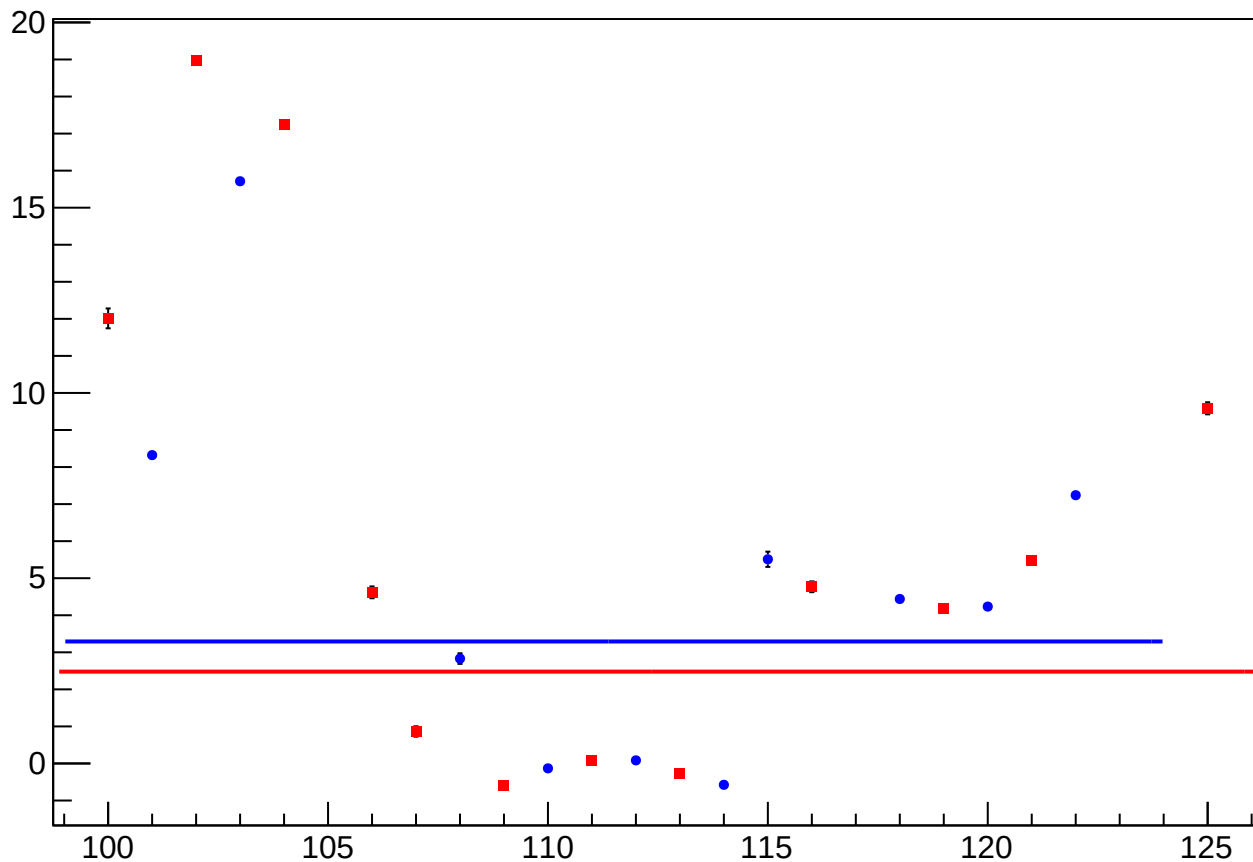
Right: 0.428+/-0.017 χ^2/NDF : 1355.6/21

In: 0.433+/-0.025 χ^2/NDF : 760.6/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.428+/-0.017 χ^2/NDF : 1355.6/21

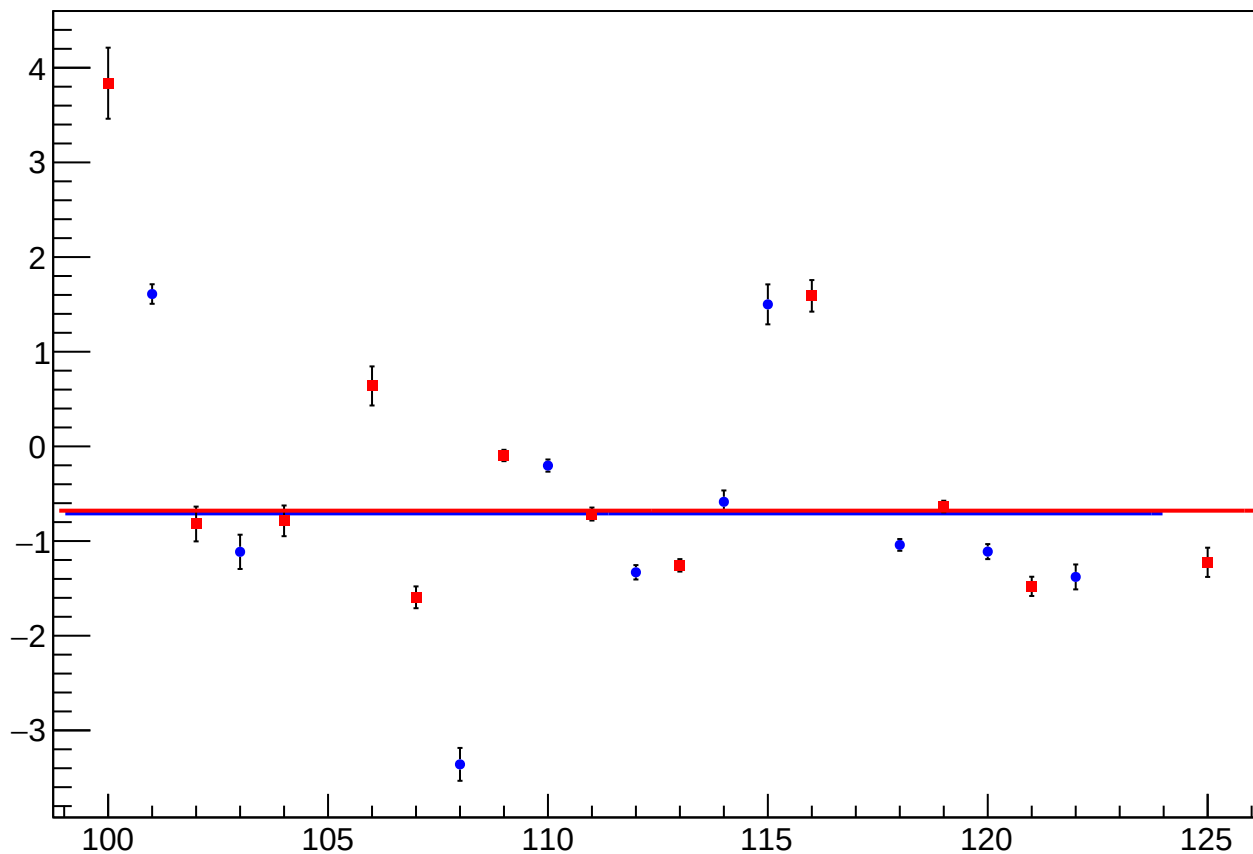
reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 2.479+/-0.024 χ^2/NDF : 46228.2/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 2.832+/-0.018 χ^2/NDF : 71885.1/21
 In: 3.293+/-0.027 χ^2/NDF : 25161.0/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 2.832+/-0.018 χ^2/NDF : 71885.1/21

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.708 ± 0.030 χ^2/NDF : 1060.9/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.679 ± 0.027 χ^2/NDF : 681.3/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

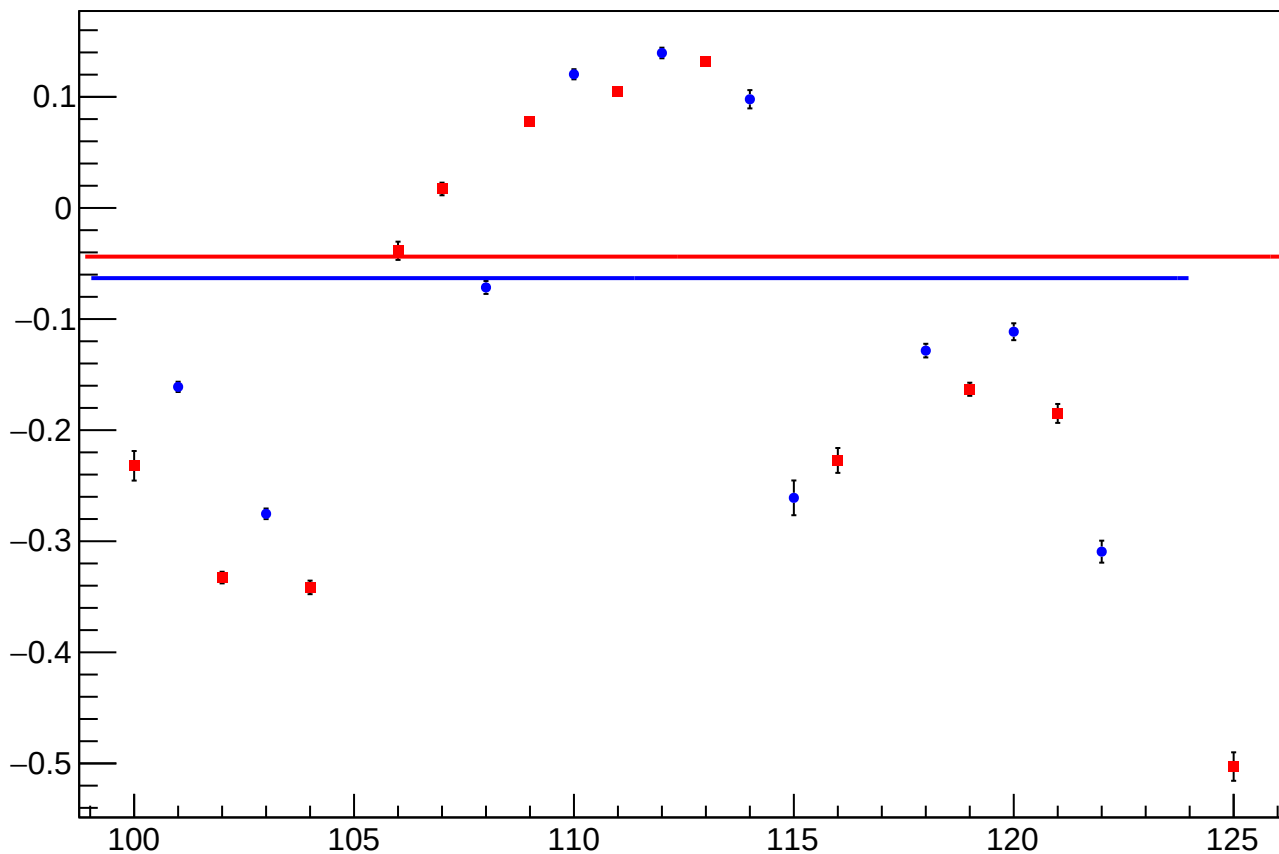
Right: -0.692 ± 0.020 χ^2/NDF : 1742.7/21

In: -0.708 ± 0.030 χ^2/NDF : 1060.9/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.692 ± 0.020 χ^2/NDF : 1742.7/21

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: -0.044 ± 0.002 χ^2/NDF : 12059.0/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

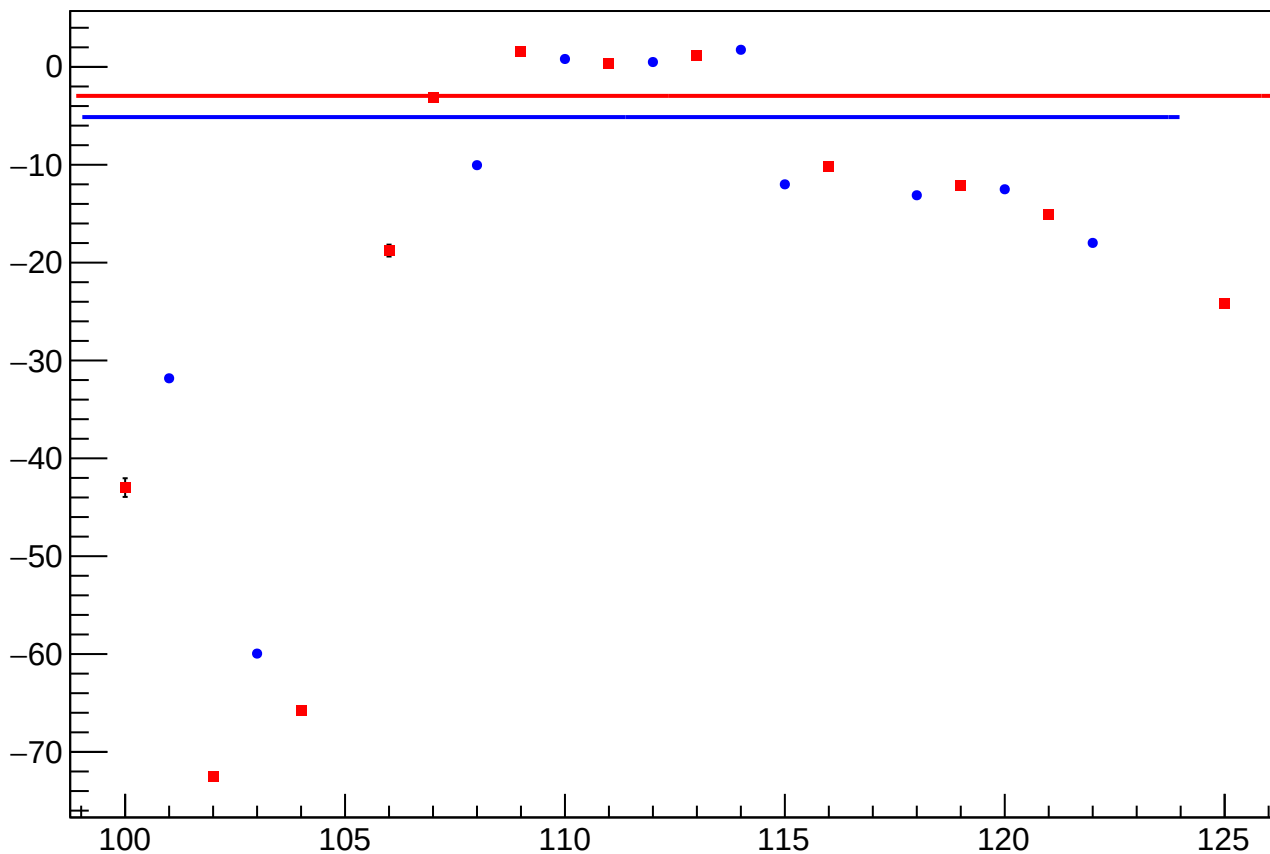
Right: -0.052 ± 0.001 χ^2/NDF : 19258.0/21

In: -0.063 ± 0.002 χ^2/NDF : 7139.5/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.052 ± 0.001 χ^2/NDF : 19258.0/21

reg_asym_bcm_an_us_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.127+/-0.064 χ^2/NDF : 34444.7/9

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.960+/-0.051 χ^2/NDF : 55755.4/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

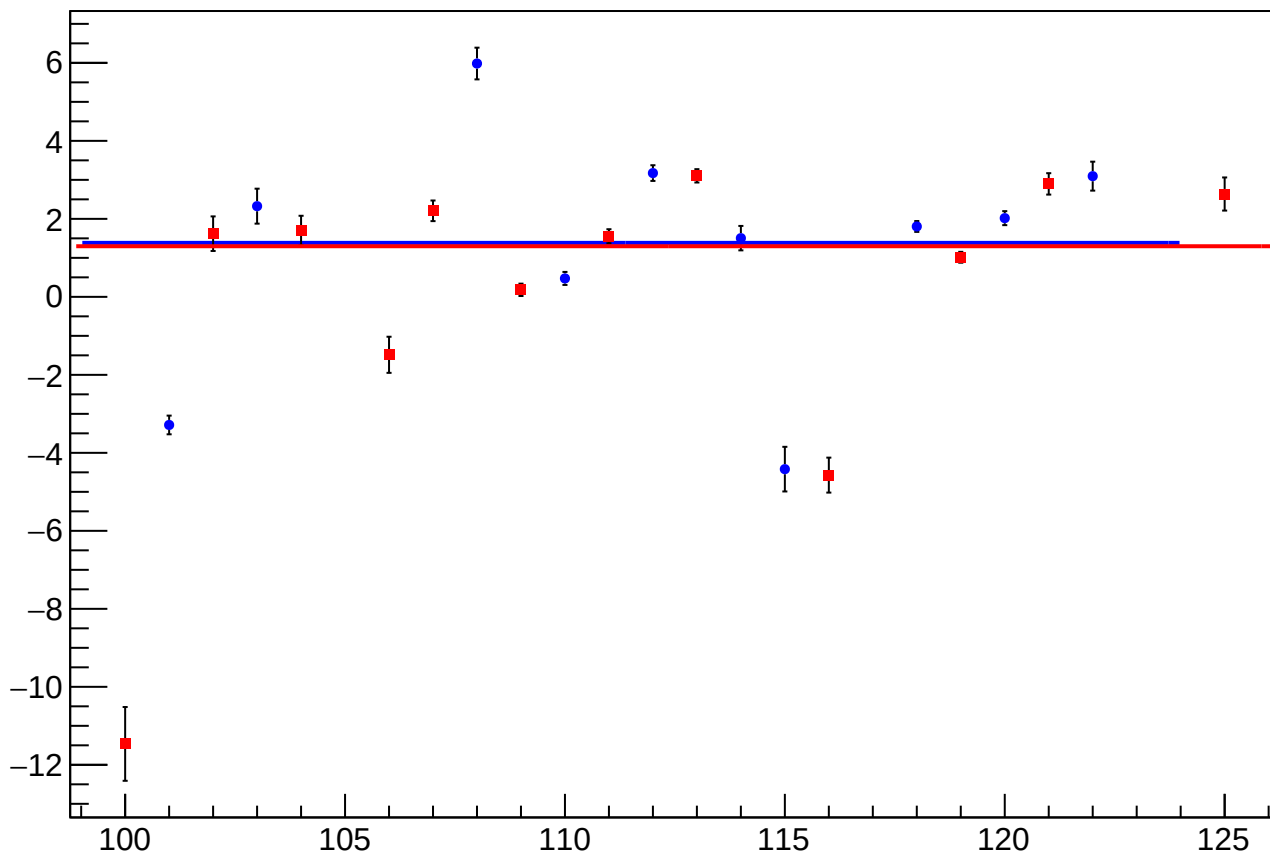
Right: -3.801+/-0.040 χ^2/NDF : 90894.6/21

In: -5.127+/-0.064 χ^2/NDF :34444.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.801+/-0.040 χ^2/NDF : 90894.6/21

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: 1.298+/-0.069 χ^2/NDF : 614.1/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

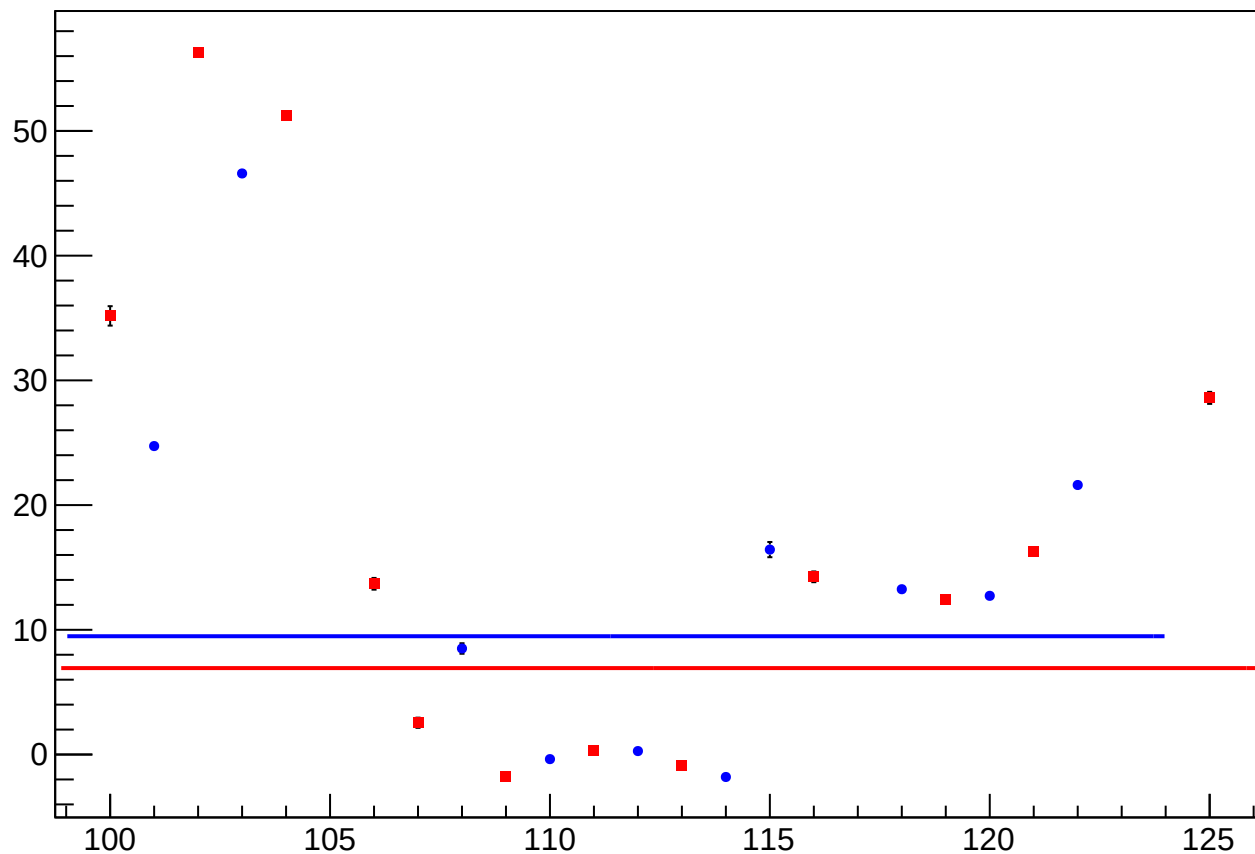
Right: 1.339+/-0.050 χ^2/NDF : 1381.6/21

In: 1.384+/-0.072 χ^2/NDF : 766.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.339+/-0.050 χ^2/NDF : 1381.6/21

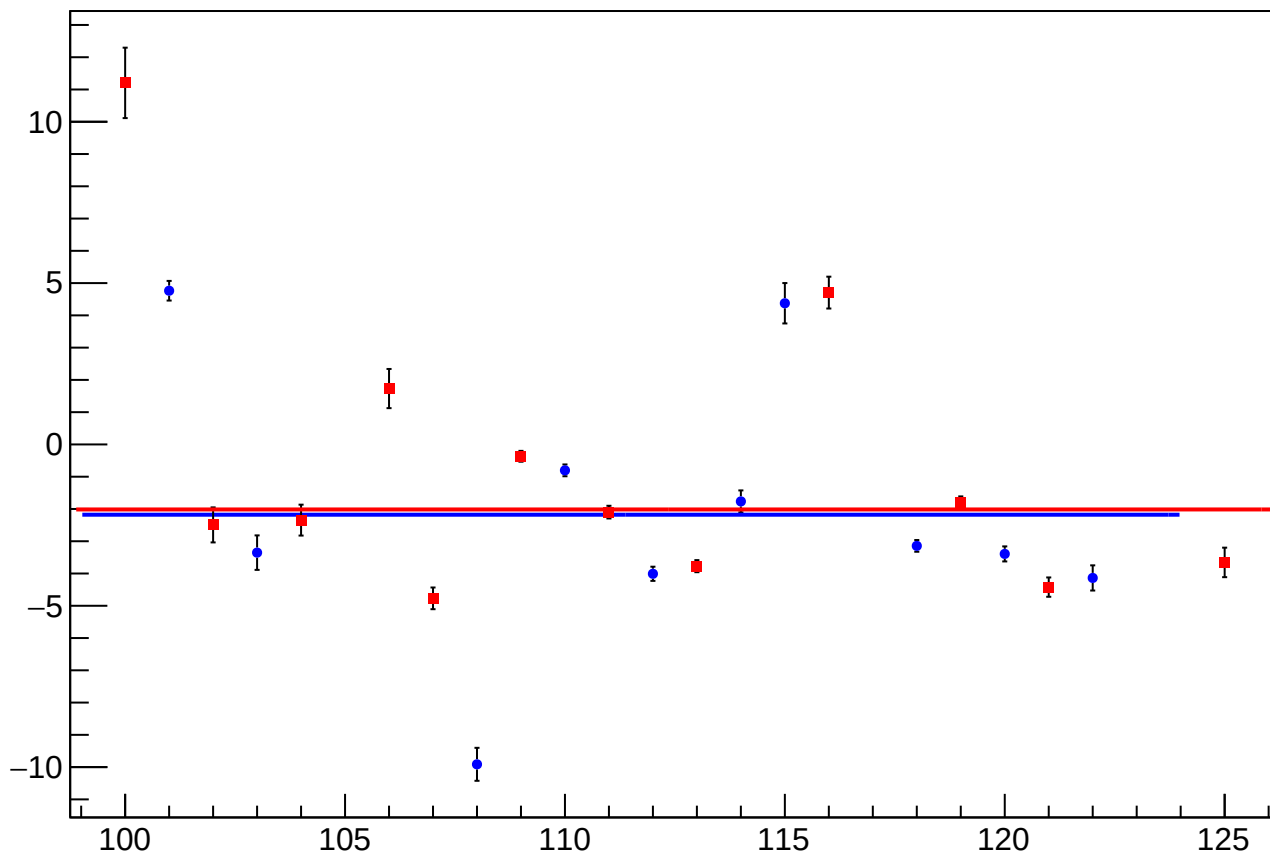
reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 6.930+/-0.069 χ^2/NDF : 47501.0/11
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 8.026+/-0.052 χ^2/NDF : 74078.1/21
 In: 9.484+/-0.080 χ^2/NDF : 25989.9/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 8.026+/-0.052 χ^2/NDF : 74078.1/21

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: -2.015+/-0.079 χ^2/NDF : 702.6/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

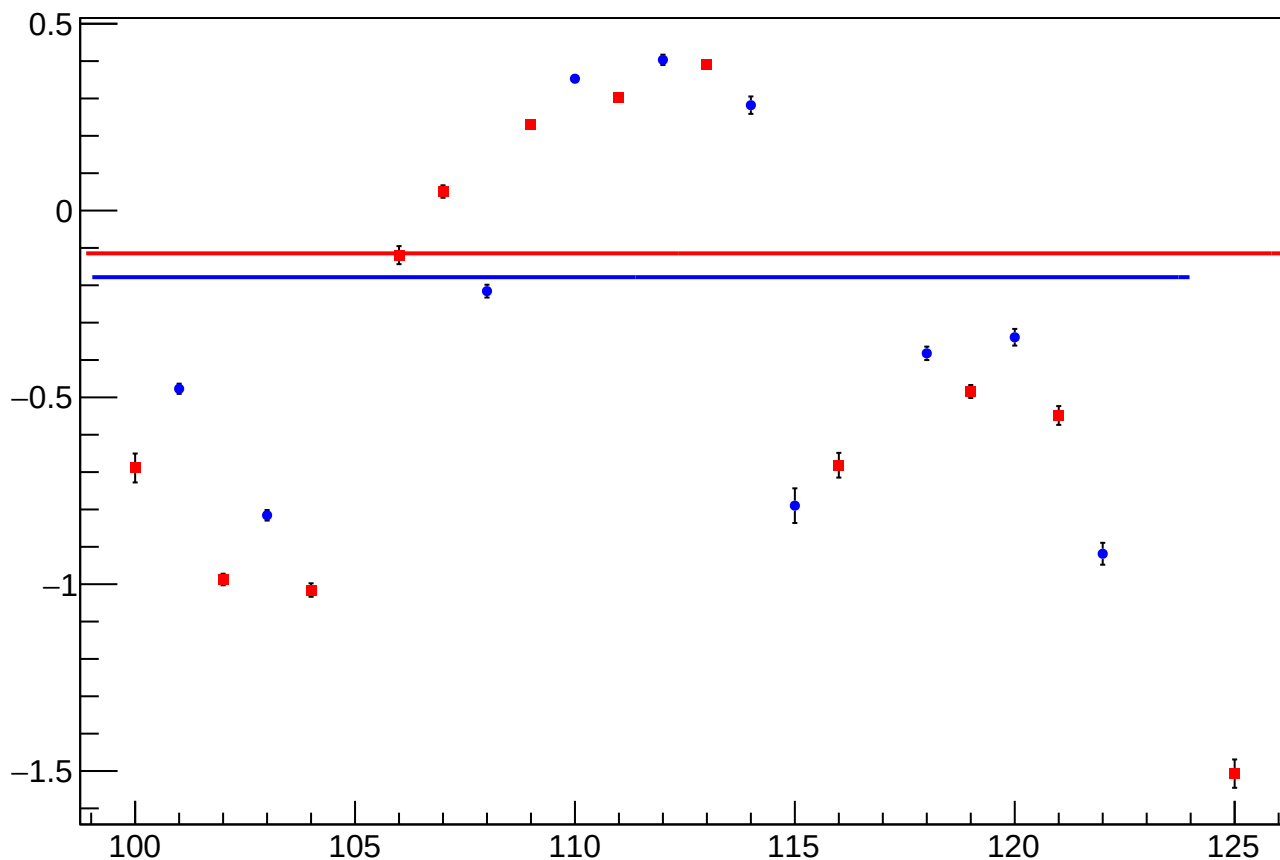
Right: -2.089+/-0.058 χ^2/NDF : 1776.1/21

In: -2.178+/-0.086 χ^2/NDF :1071.5/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.089+/-0.058 χ^2/NDF : 1776.1/21

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: -0.115+/-0.005 χ^2/NDF : 12507.7/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

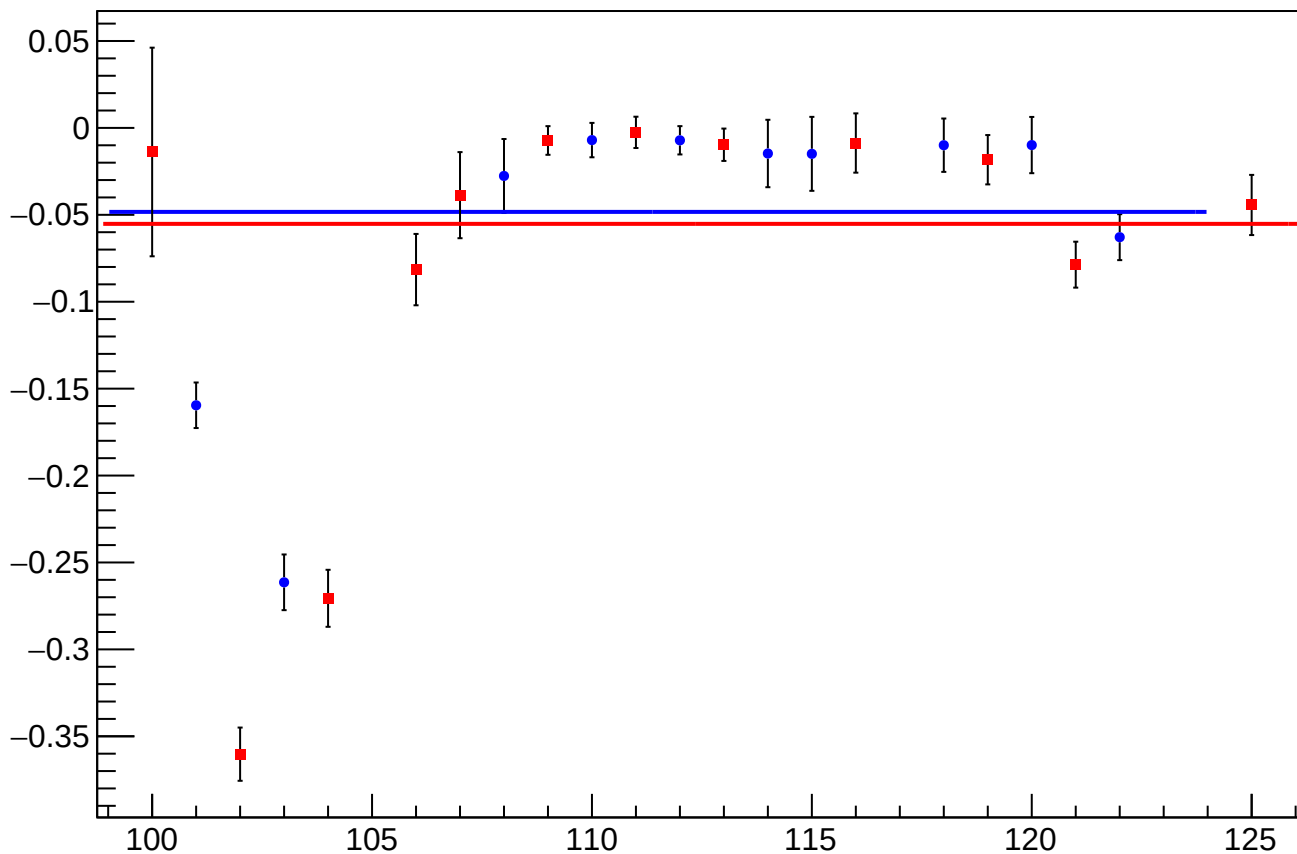
Right: -0.142+/-0.004 χ^2/NDF : 19934.3/21

In: -0.178+/-0.005 χ^2/NDF :7349.8/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.142+/-0.004 χ^2/NDF : 19934.3/21

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: -0.055+/-0.004 χ^2/NDF : 681.8/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

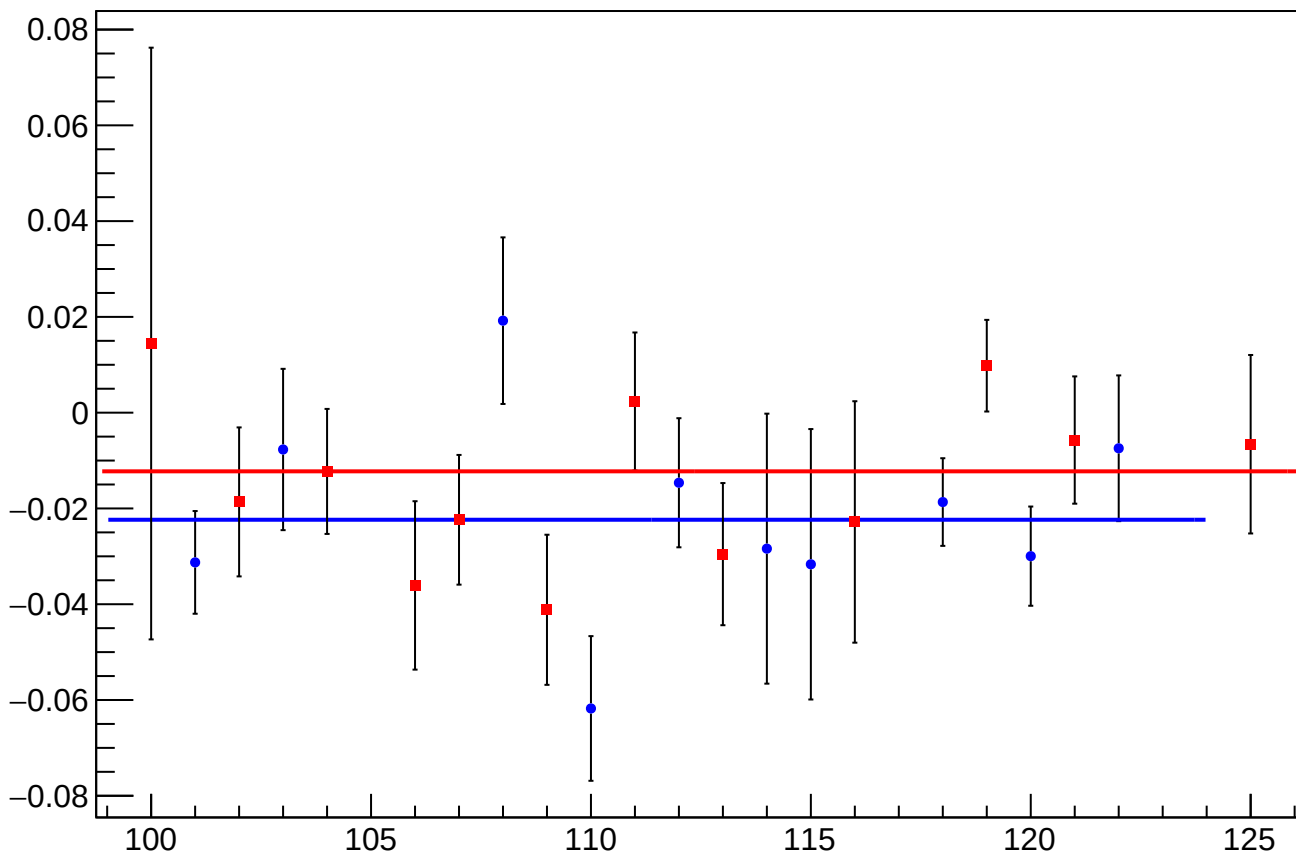
Right: -0.052+/-0.003 χ^2/NDF : 994.9/21

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 : 994.9/21

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.004 χ^2/NDF : 16.1/9

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.012 ± 0.004 χ^2/NDF : 14.4/11

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

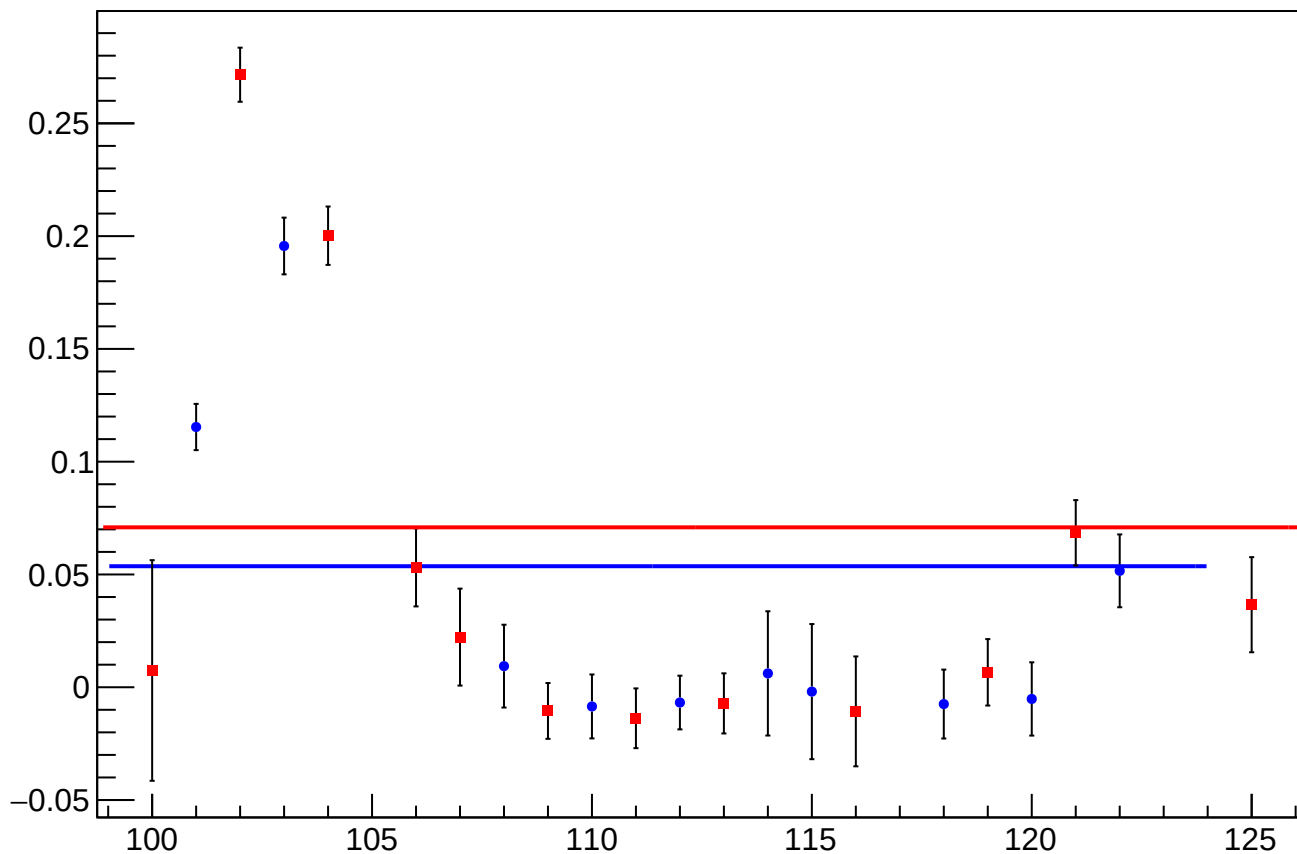
Right: -0.017 ± 0.003 χ^2/NDF : 33.2/21

In: -0.022 ± 0.004 χ^2/NDF : 16.1/9

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.017 ± 0.003 χ^2/NDF : 33.2/21

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.054 $\pm$ 0.005 χ^2 /NDF: 250.1/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.071 $\pm$ 0.004 χ^2 /NDF: 539.0/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

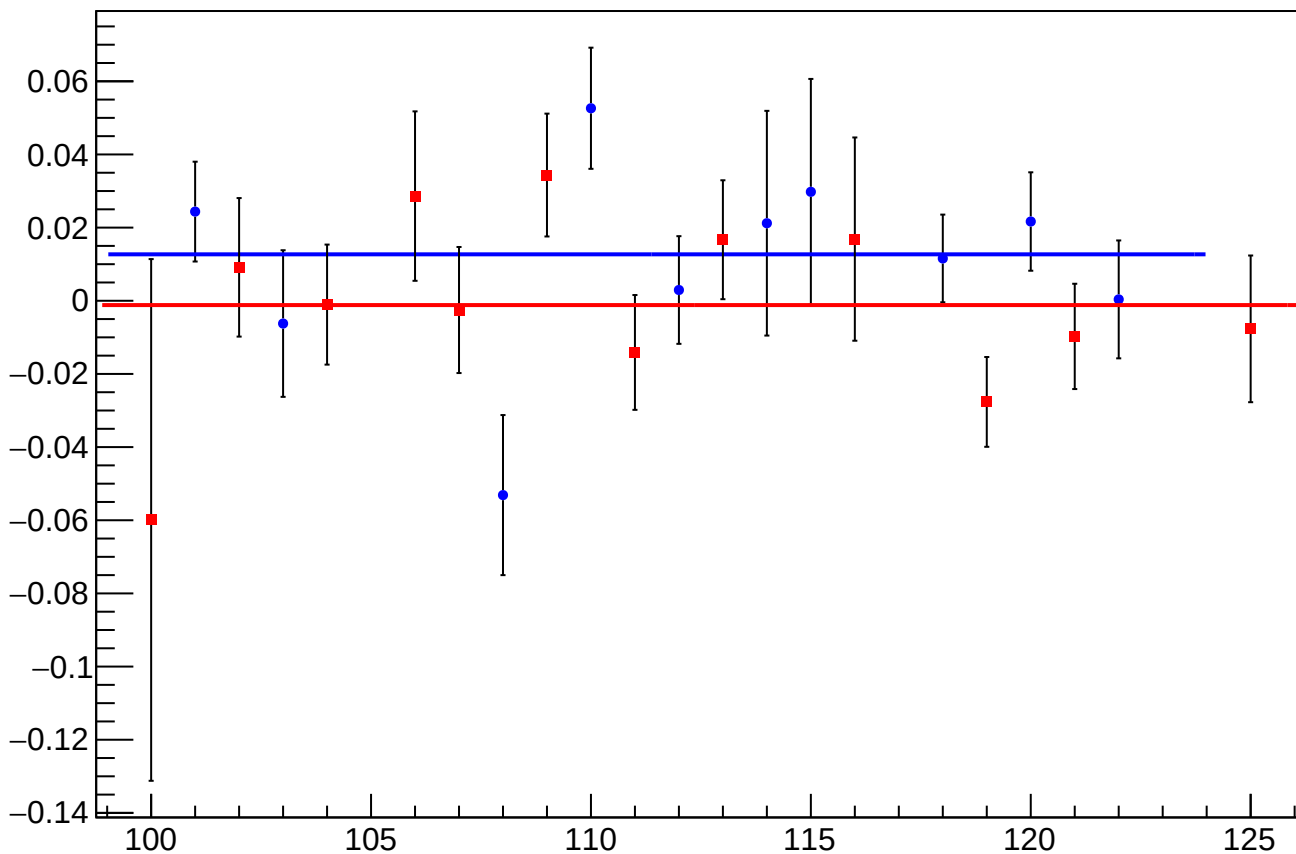
Right: 0.063 $\pm$ 0.003 χ^2 /NDF: 796.1/21

In: 0.054 $\pm$ 0.005 χ^2 /NDF:250.1/9

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.063 $\pm$ 0.003 χ^2 /NDF: 796.1/21

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 : 14.5/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

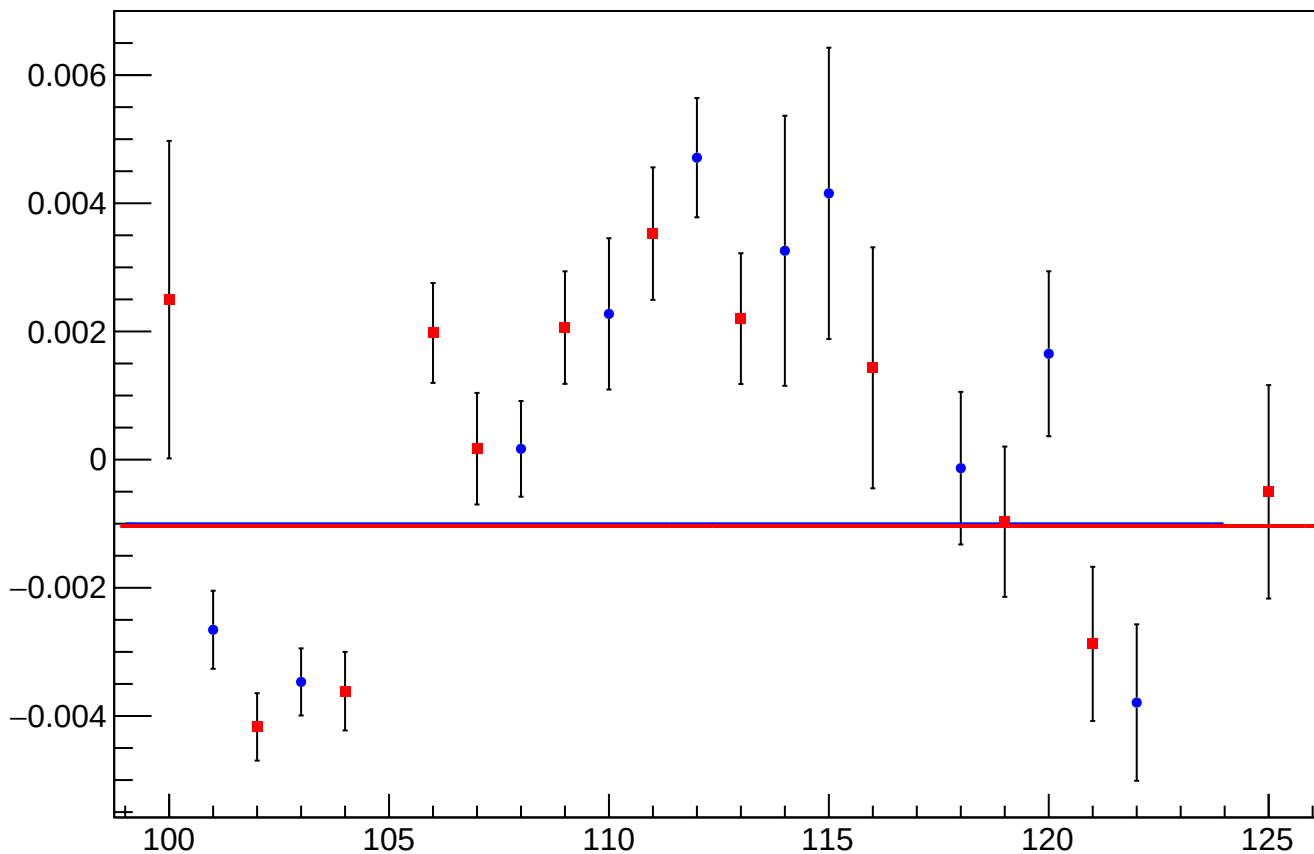
Right: 0.006+/-0.004 χ^2/NDF : 36.5/21

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 : 36.5/21

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 : 118.2/11

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

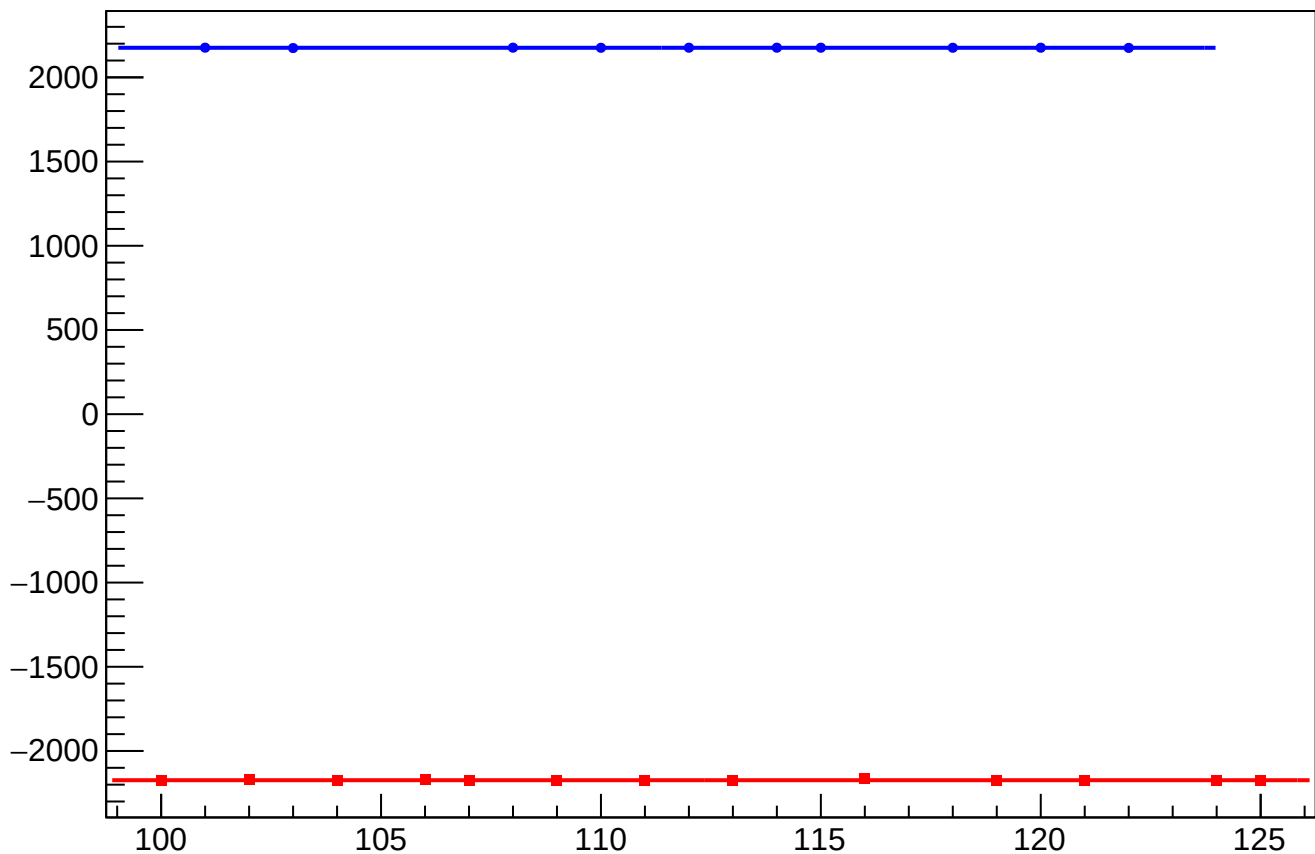
Right: -0.001+/-0.000 χ^2/NDF : 214.9/21

In: -0.001+/-0.000 χ^2/NDF :96.7/9

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

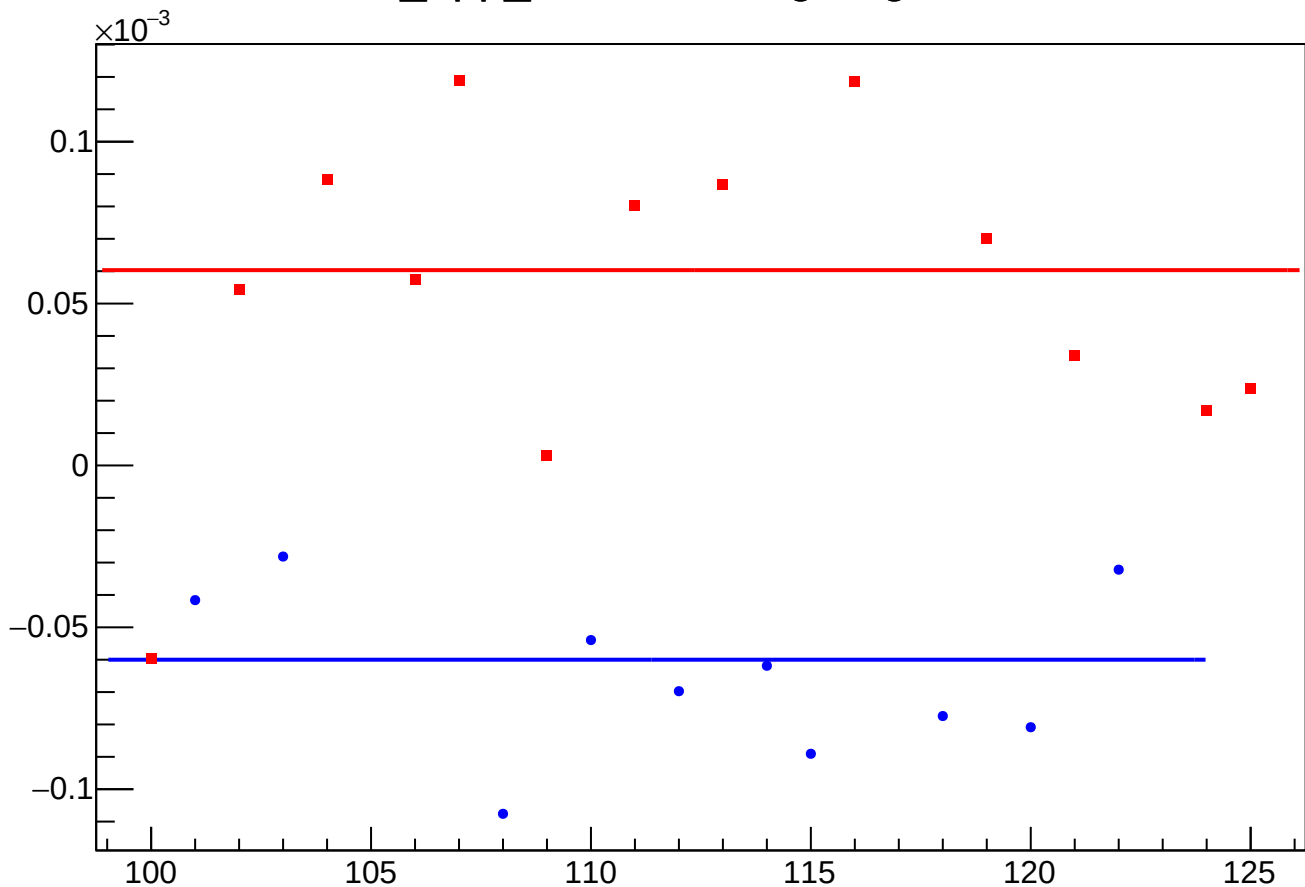
All: -0.001+/-0.000 χ^2/NDF : 214.9/21

HALLA_p_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: -219.945+/-0.000 χ^2/NDF : 43761355806302
In: 2175.677+/-0.000 χ^2/NDF : 238648917366506955491952904110080.0/9
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -219.945+/-0.000 χ^2/NDF : 43761355806302

HALLA_dpp_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000

χ^2/NDF : 263095982272525675528192.0/9

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000

χ^2/NDF : 42655792426971668

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000

χ^2/NDF : 653147486183258513735680.0/12

In: -0.000+/-0.000

χ^2/NDF : 263095982272525675

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

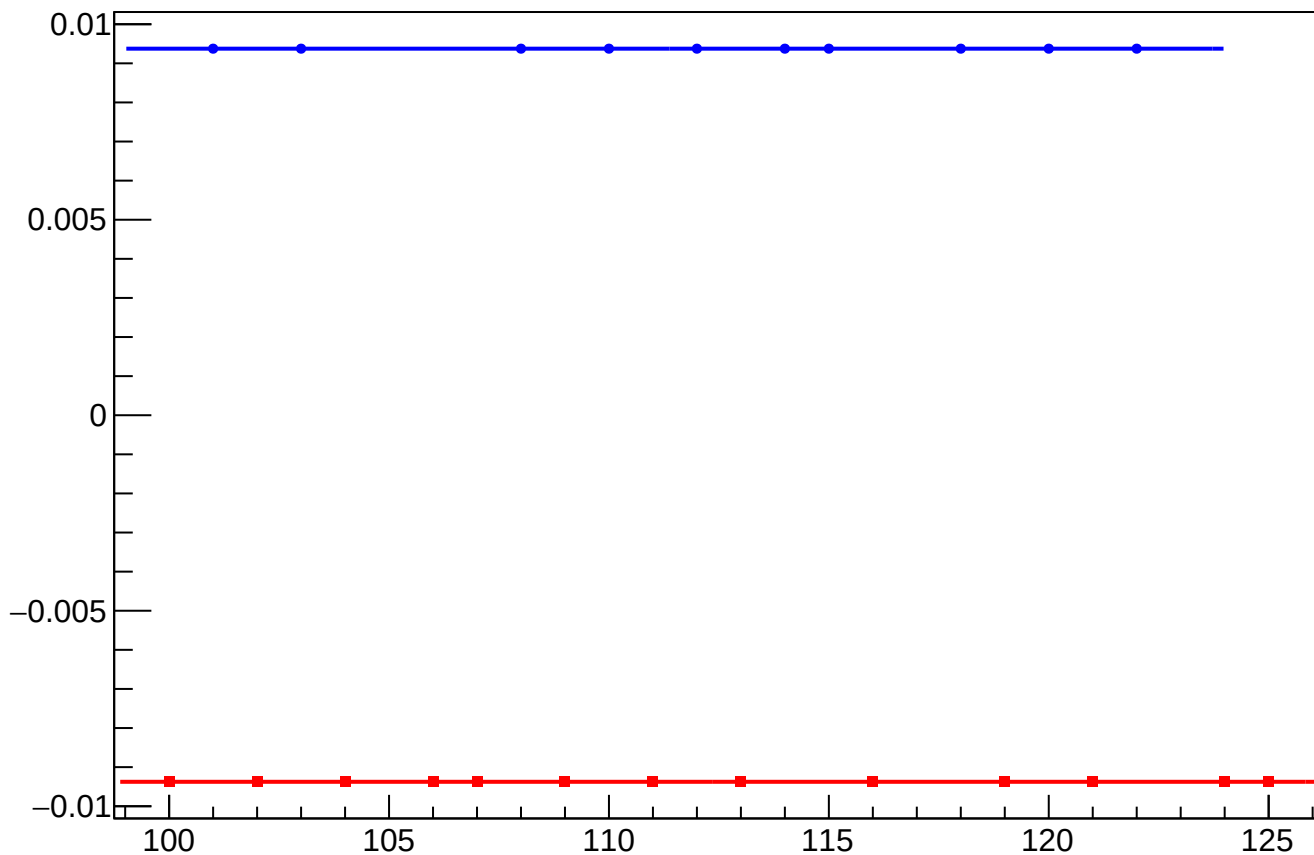
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.000+/-0.000

χ^2/NDF : 42655792426971

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 : 0.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

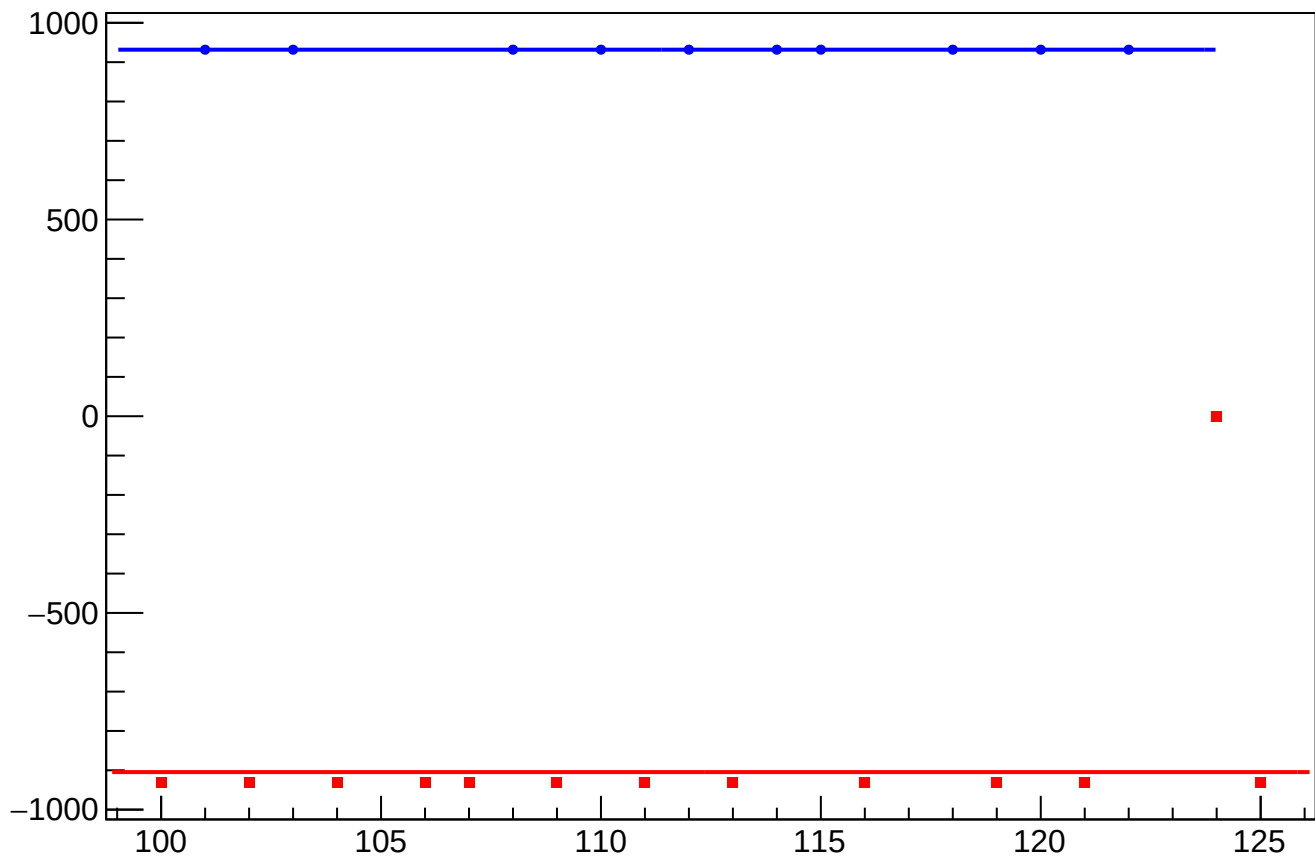
Right: -0.001+/-0.000 χ^2/NDF : 8132937834224594

In: 0.009+/-0.000 χ^2/NDF : 0.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

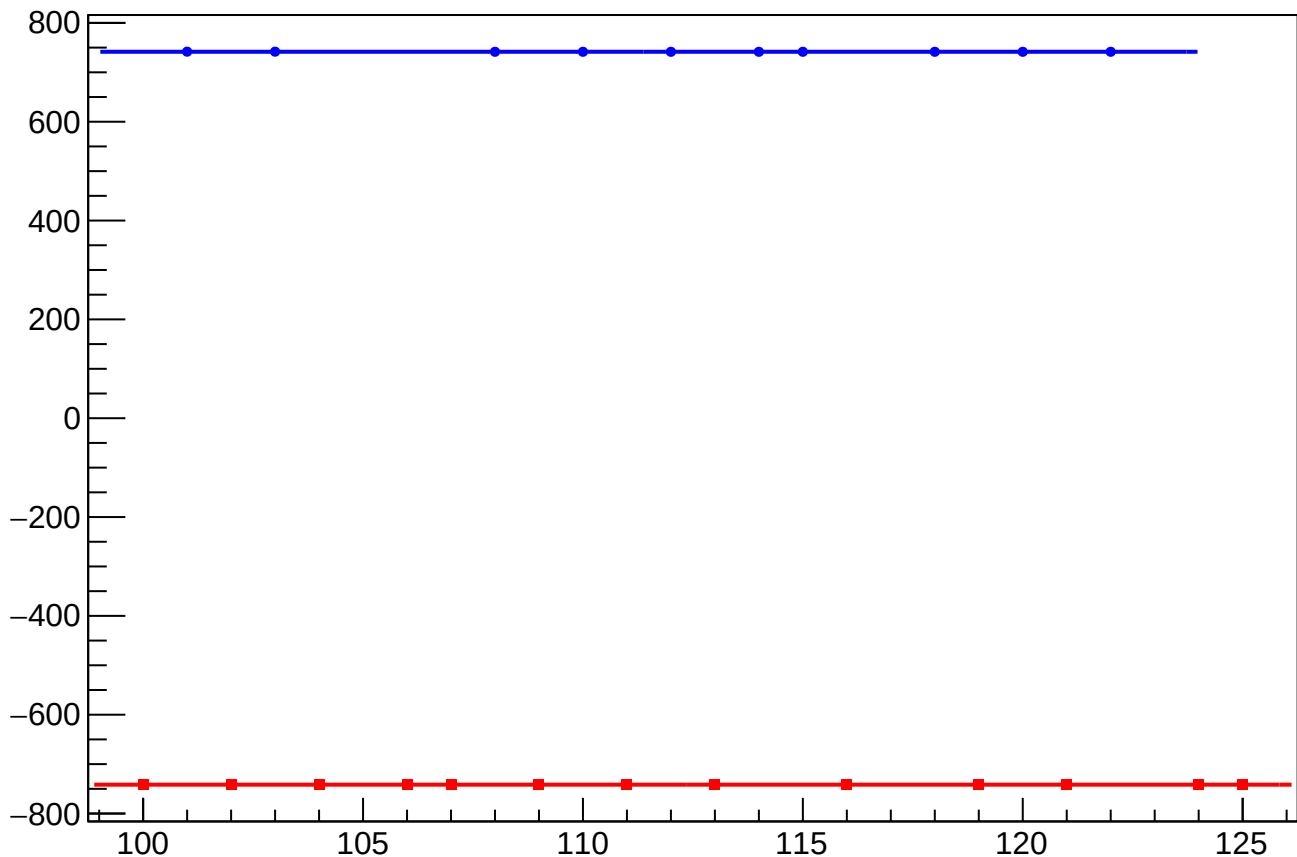
All: -0.001+/-0.000 χ^2/NDF : 8132937834224

HacL_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



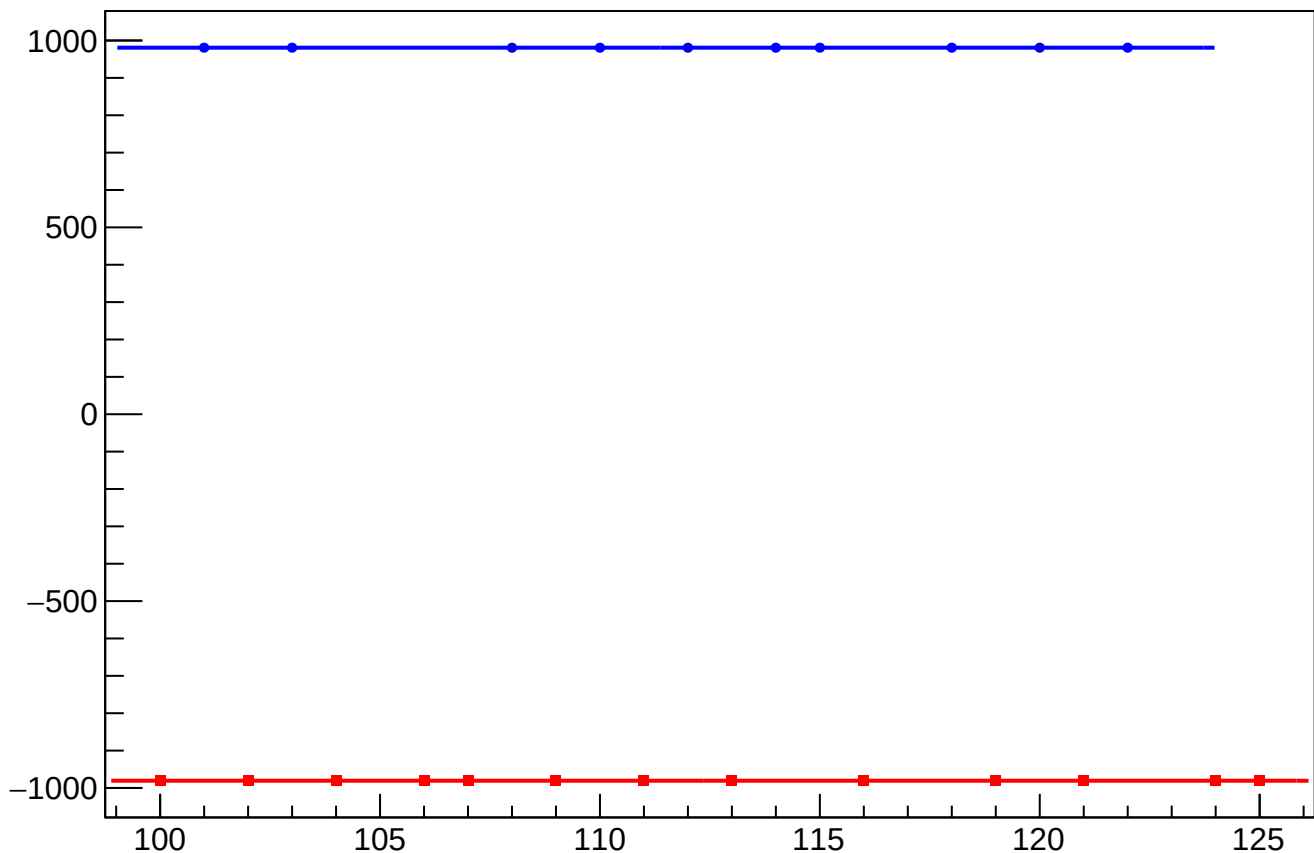
Right In: 931.721+/-0.000 χ^2/NDF : 335831269772626469011031326720.0/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -904.593+/-0.000 χ^2/NDF : 12641680010762441436495712017568497664.0/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -79.725+/-0.000 χ^2/NDF : 792721675677893

HacL_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



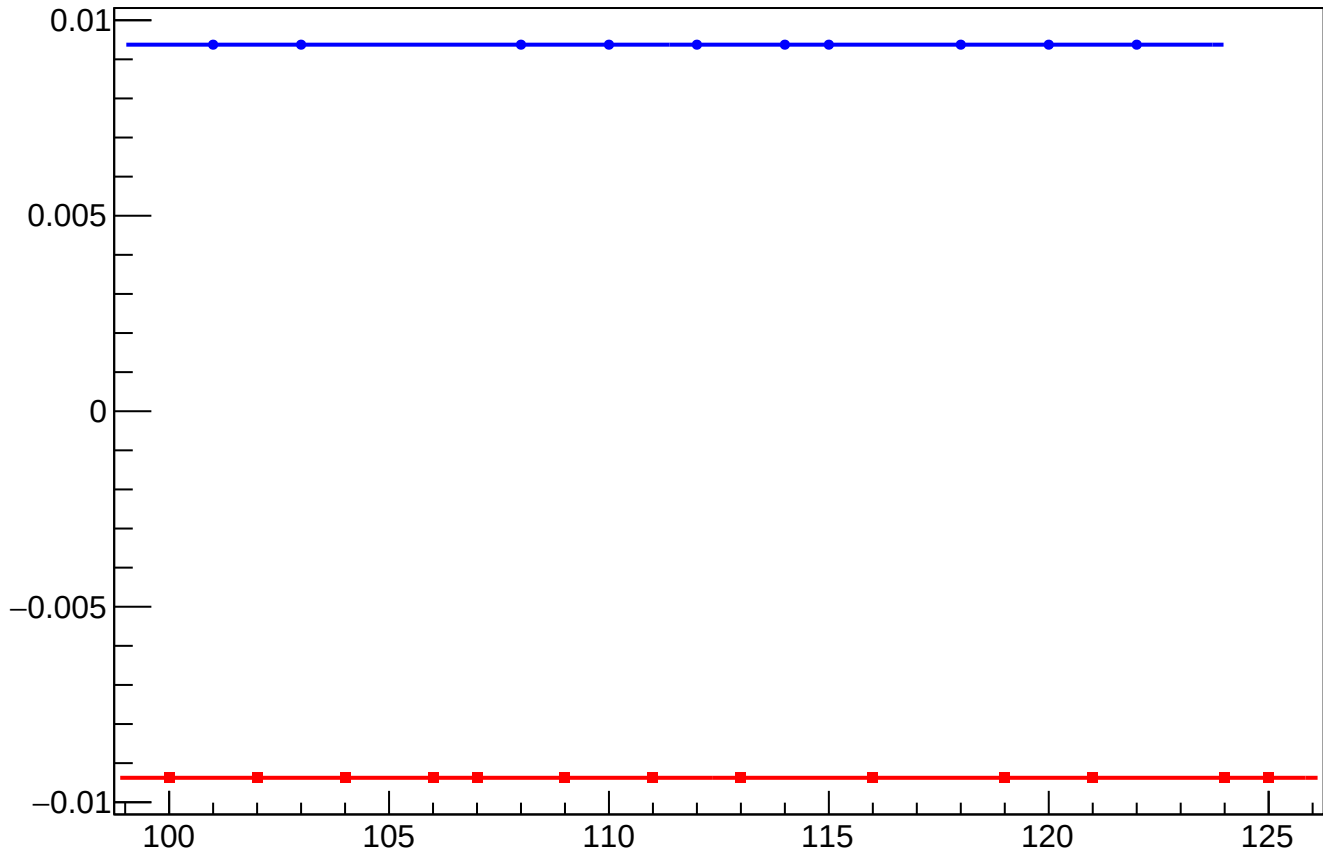
Right In: 741.600+/-0.000 χ^2/NDF : 5466449801330526994908330328064.0/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -741.601+/-0.000 χ^2/NDF : 6751316188354676950369325547520.0/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -75.350+/-0.000 χ^2/NDF : 508914674883486

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: -980.683+/-0.000 χ^2/NDF : 53100444663754820237857491255296.0/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -99.595+/-0.000 χ^2/NDF : 890035522762069

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 : 0.0/12

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

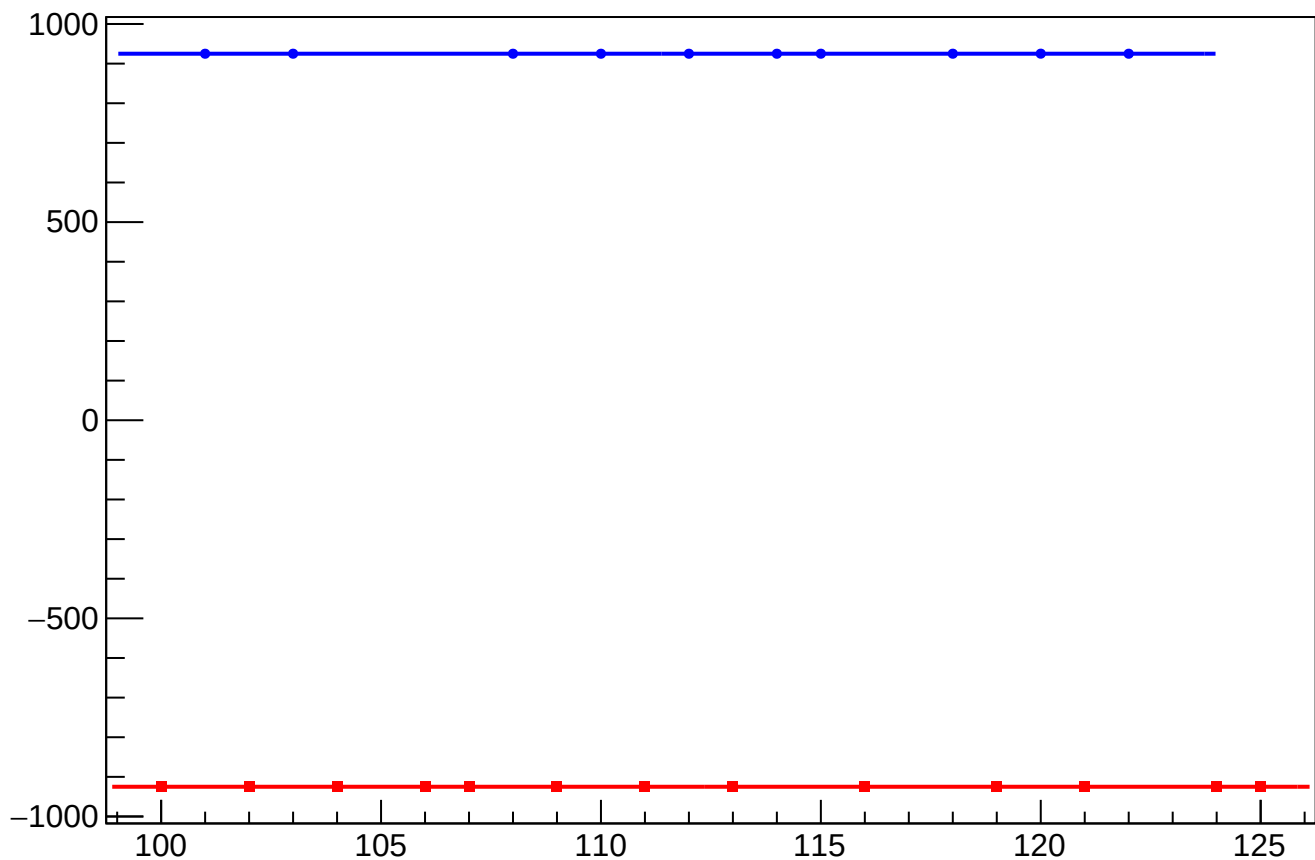
Right: -0.001 $\pm$ 0.000 χ^2/NDF : 8132937834224594

In: 0.009 $\pm$ 0.000 χ^2/NDF : 0.0/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

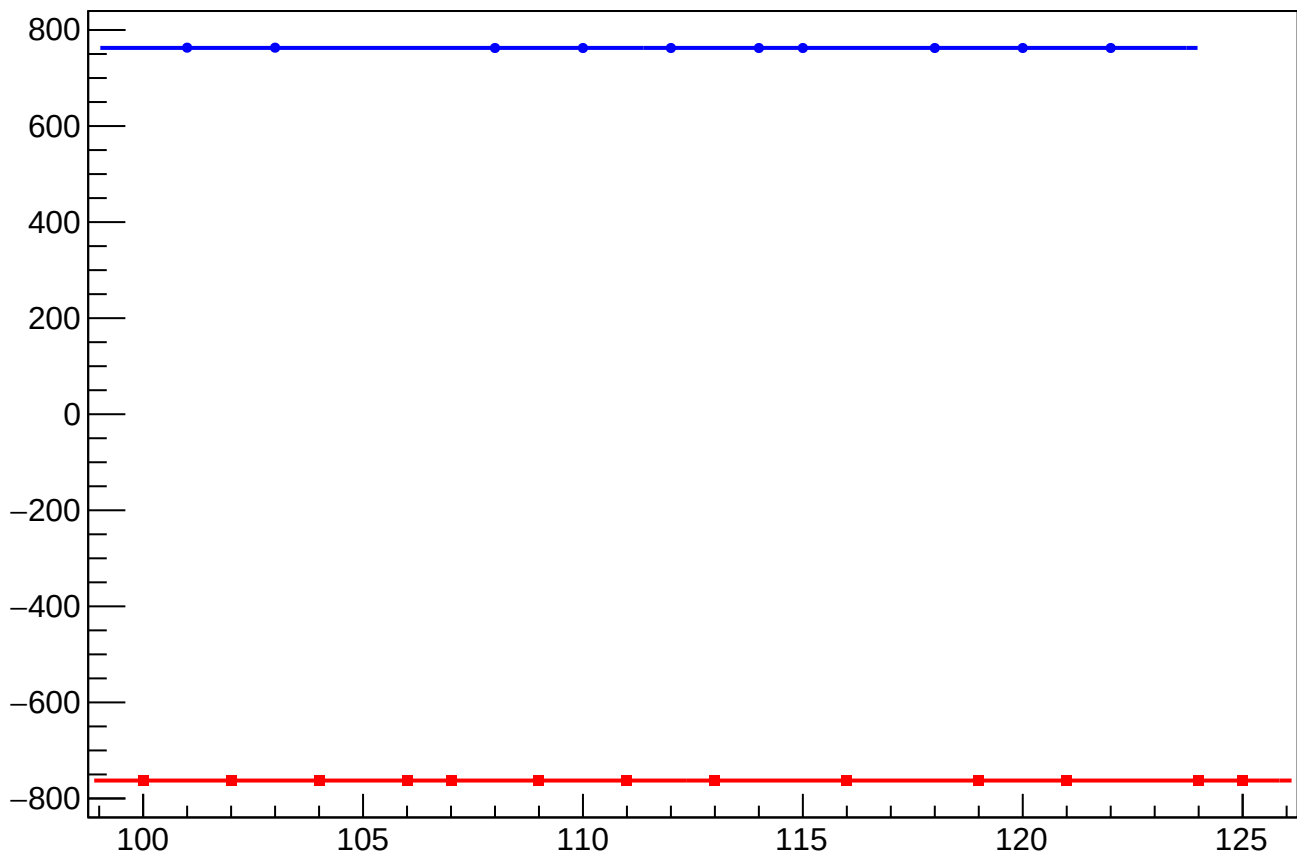
All: -0.001 $\pm$ 0.000 χ^2/NDF : 8132937834224

HacR_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



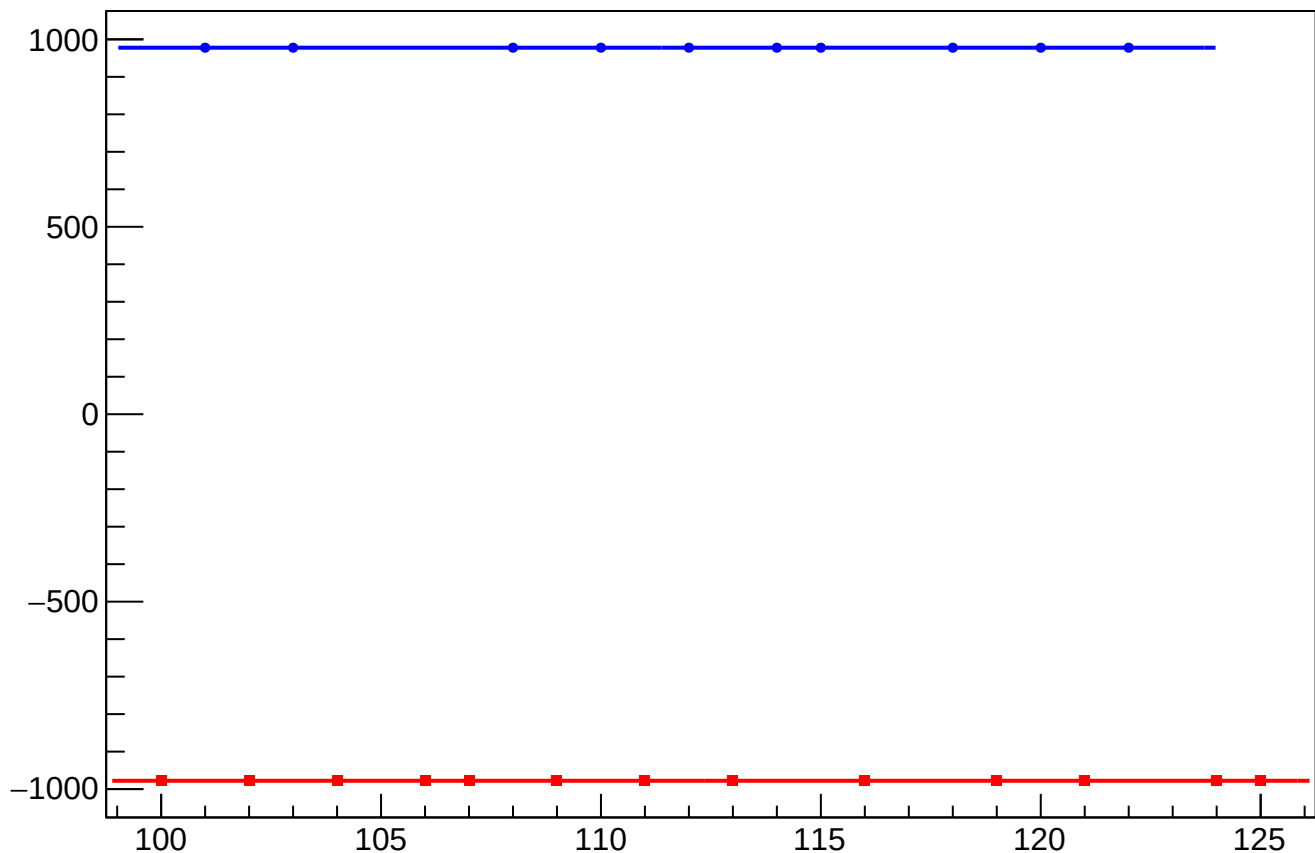
Right In: 924.987+/-0.000 χ^2/NDF : 823347902670756328461169590272.0/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -924.982+/-0.000 χ^2/NDF : 1062648964169660569140691206144.0/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -93.980+/-0.000 χ^2/NDF : 791723467596718

HacR_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



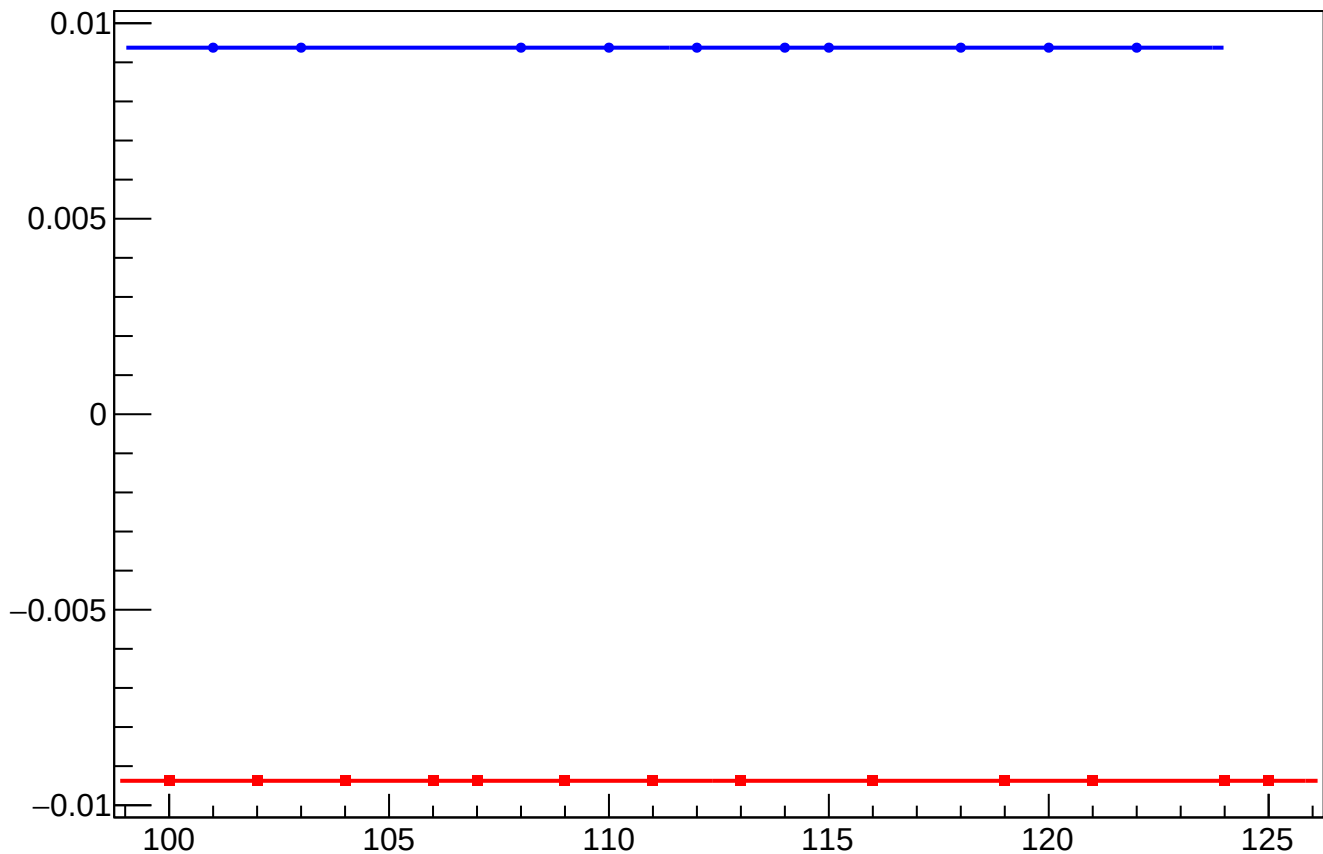
Right In: 762.709+/-0.000 χ^2/NDF : 42100768055252526895353399607296.0/9
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -762.675+/-0.000 χ^2/NDF : 48080344450734169066198783754240.0/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -77.476+/-0.000 χ^2/NDF : 538273514263945

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: -977.755+/-0.000 χ^2/NDF : 844770880278461220044461309952.0/12
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -99.344+/-0.000 χ^2/NDF : 884637538999111

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 : 0.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

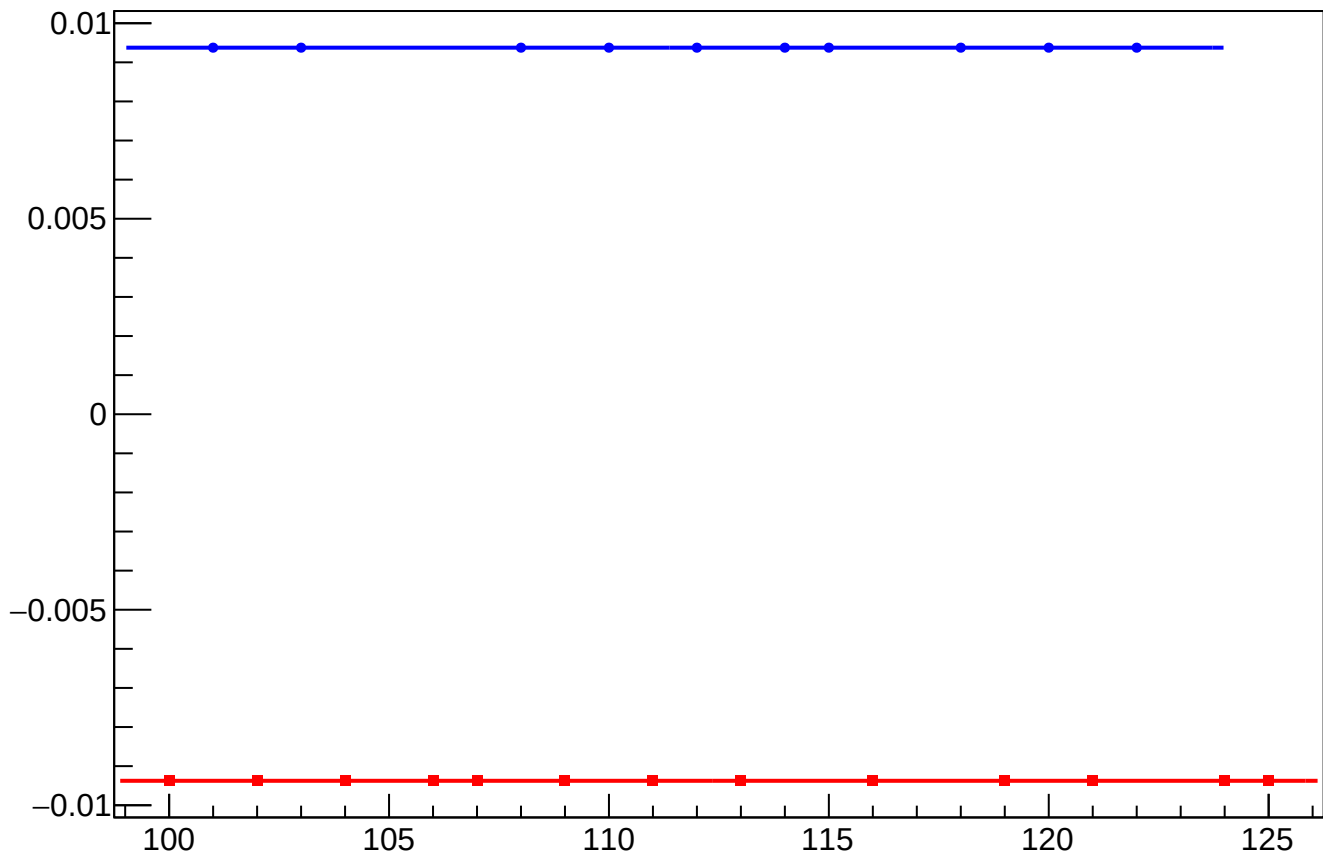
Right: -0.001+/-0.000 χ^2/NDF : 8132937834224594

In: 0.009+/-0.000 χ^2/NDF : 0.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 8132937834224

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 : 0.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

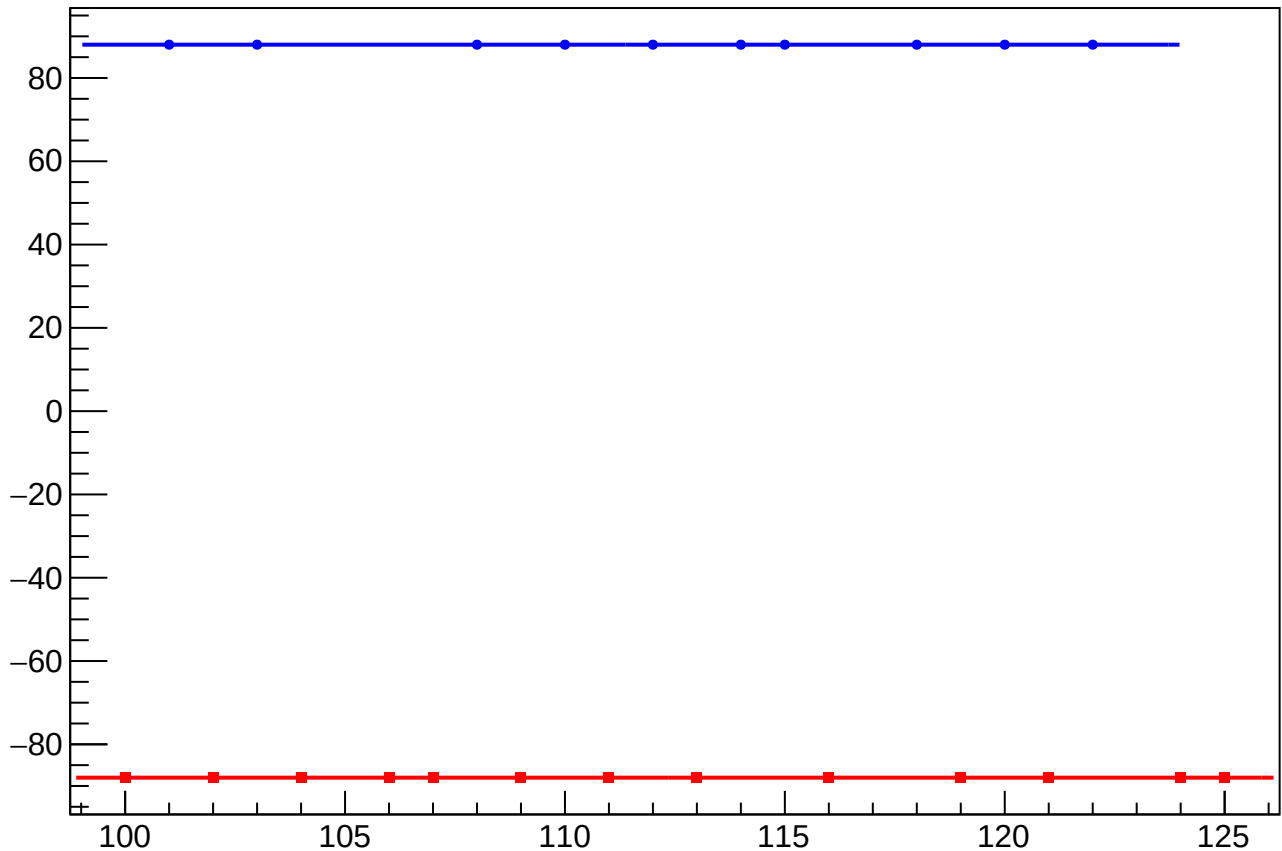
Right: -0.001+/-0.000 χ^2/NDF : 8132937834224594

In: 0.009+/-0.000 χ^2/NDF : 0.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 8132937834224

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 : 70541321410512685045290893312.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

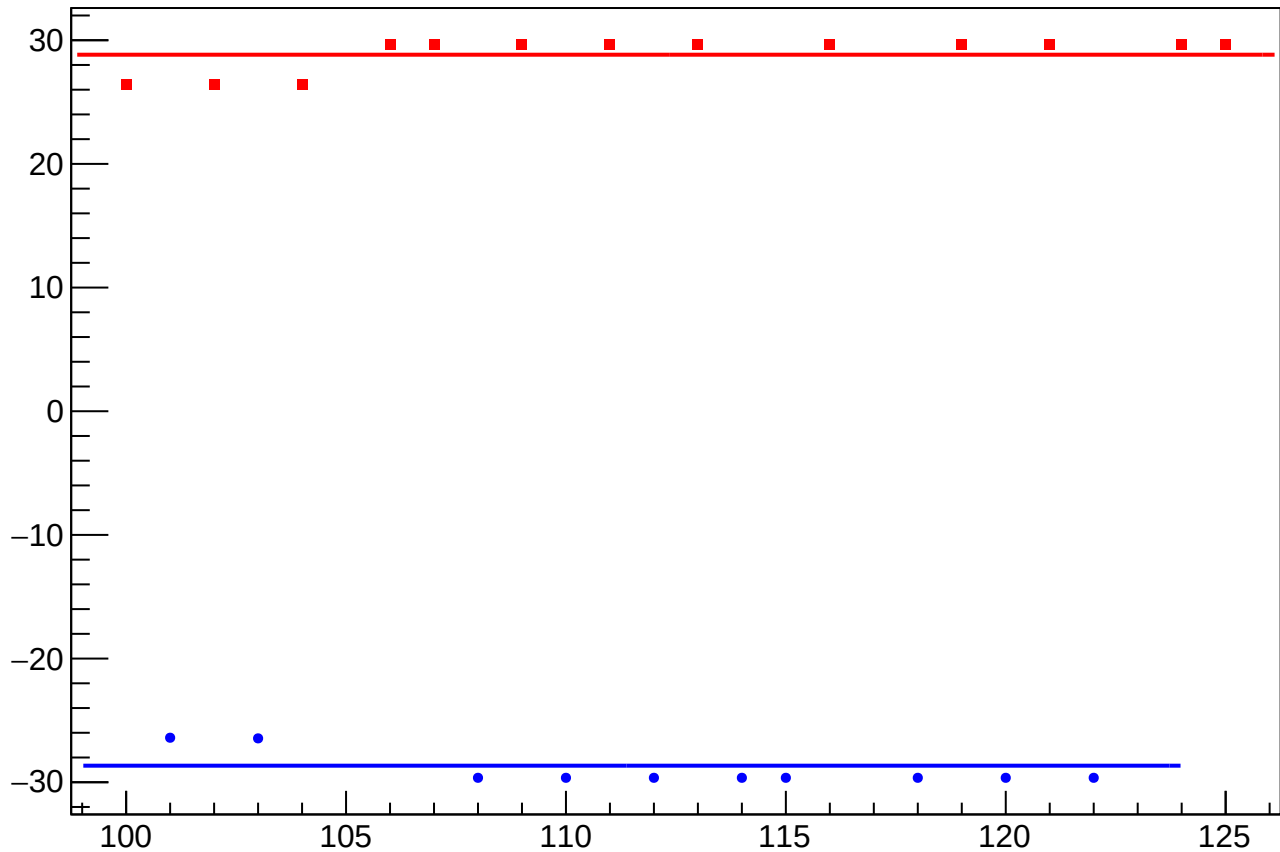
Right: -8.943+/-0.000 χ^2/NDF : 7166332529913145

In: 88.001+/-0.000 χ^2/NDF : 803552.7/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

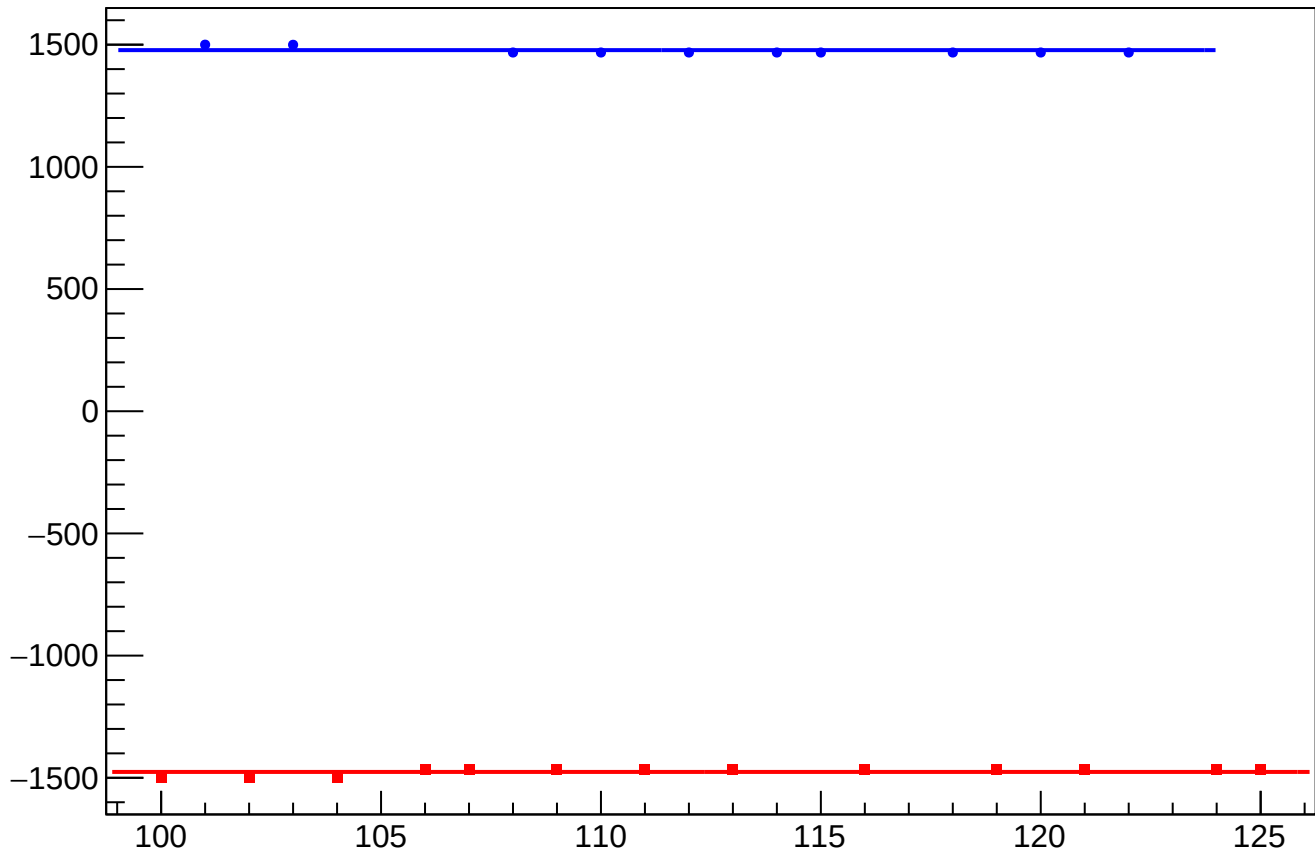
All: -8.943+/-0.000 χ^2/NDF : 7166332529913

HWienAngle_mean vs Slug, Sign Corrected



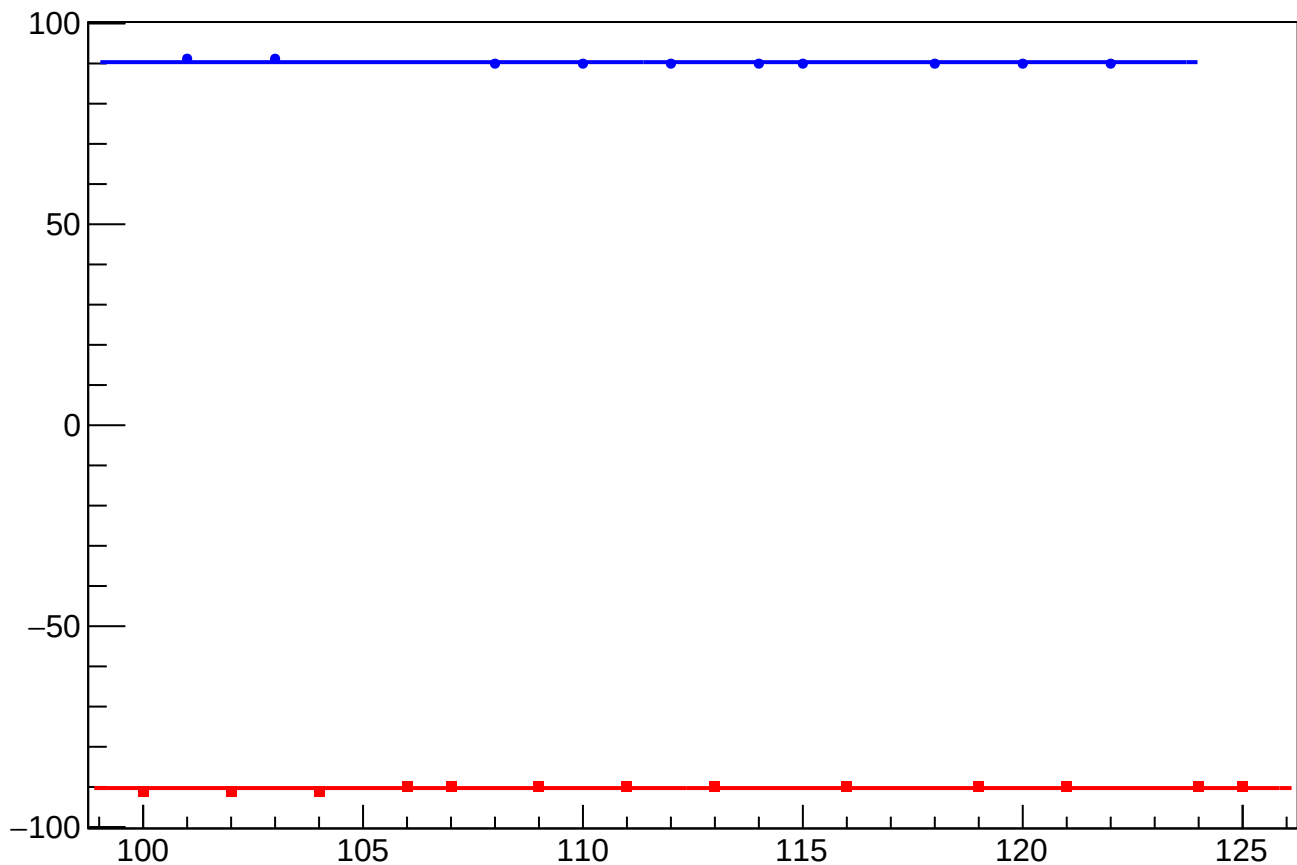
Right In: -28.661+/-0.000 χ^2/NDF : 919731394285736865991463733821440.0/9
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 28.829+/-0.000 χ^2/NDF : 1014985426019435336885324639895552.0/12
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 3.005+/-0.000 χ^2/NDF : 76652949209651571

psub_pl_pos_mean vs Slug, Sign Corrected



Right In: 1477.662+/-0.000 χ^2/NDF : 89836286504042277981641585534697472.0/9
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -1476.000+/-0.000 χ^2/NDF : 99140381741698821347882068271431680.0/12
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -149.221+/-0.000 χ^2/NDF : 20183998650916

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: -90.270+/-0.000

χ^2/NDF : 148666513398074850956447143952384.0/12

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 90.334+/-0.000

χ^2/NDF : 134714505396837803159477821636608.0/9

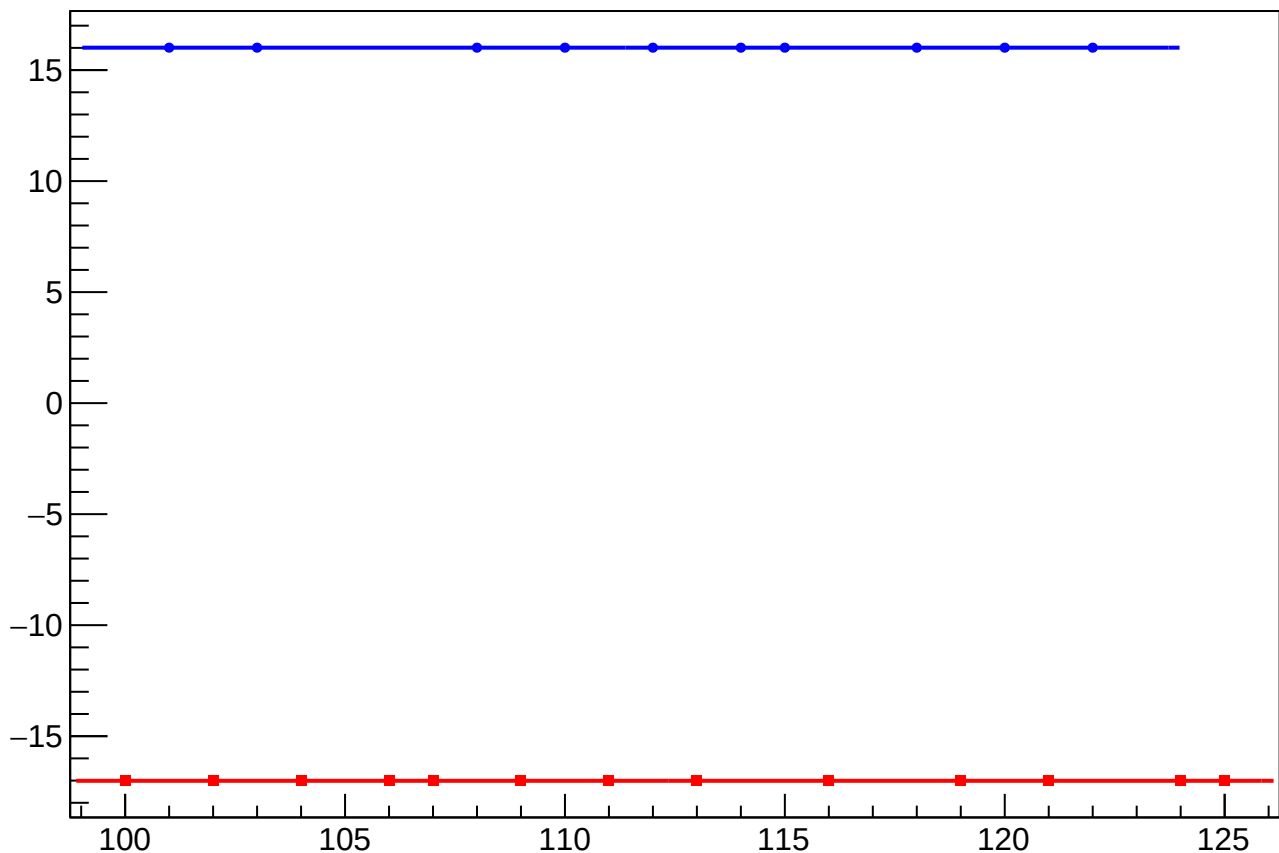
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: -9.143+/-0.000

χ^2/NDF : 7545997552698482.0/1

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 : 11011645072245916629467136.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

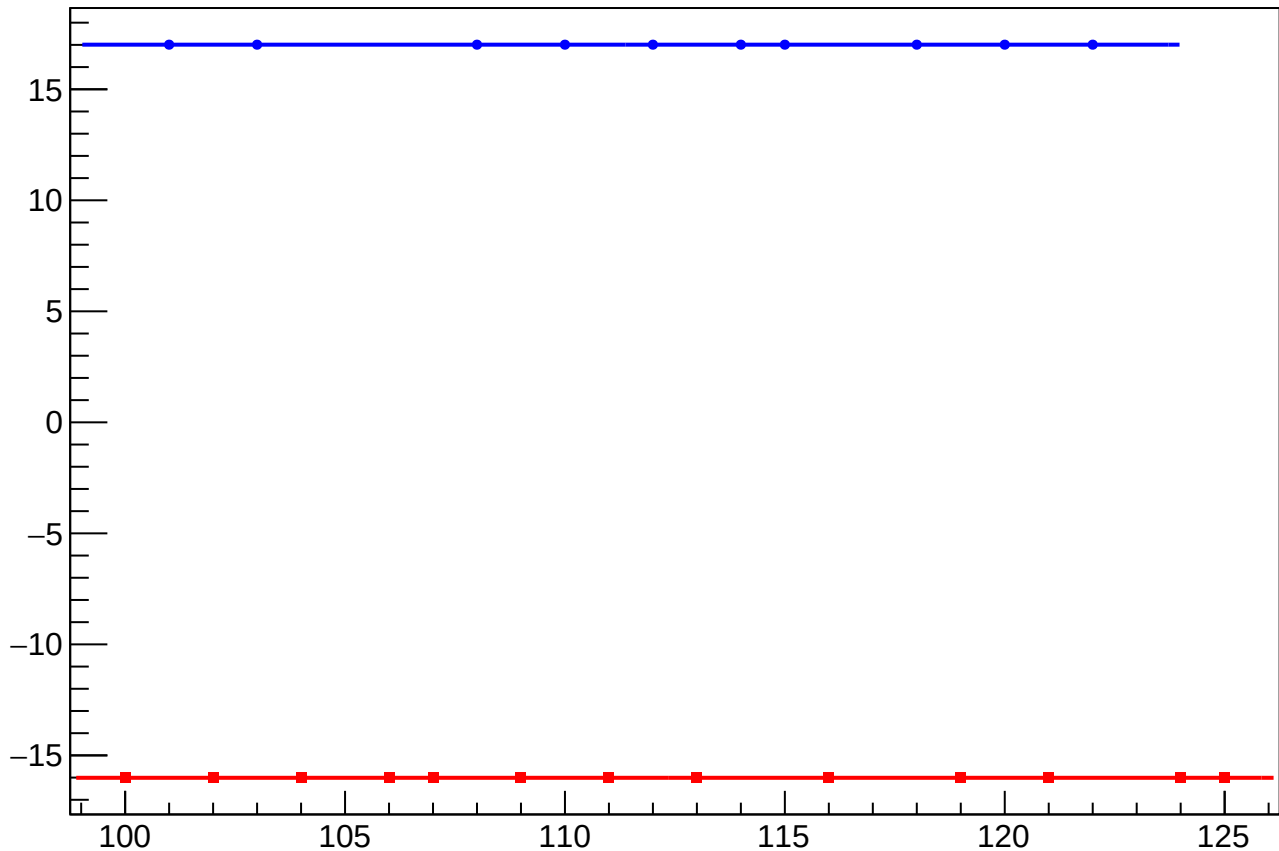
Right: -1.387+/-0.000 χ^2/NDF : 2378004577971034

In: 16.009+/-0.000 χ^2/NDF : 34608.9/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.387+/-0.000 χ^2/NDF : 2378004577971

IGL1I00OD16_16_mean vs Slug, Sign Corrected



Right In: 17.009 $\pm$ 0.000 χ^2/NDF : 35656.5/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -16.009 $\pm$ 0.000 χ^2/NDF : 27616.4/12

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

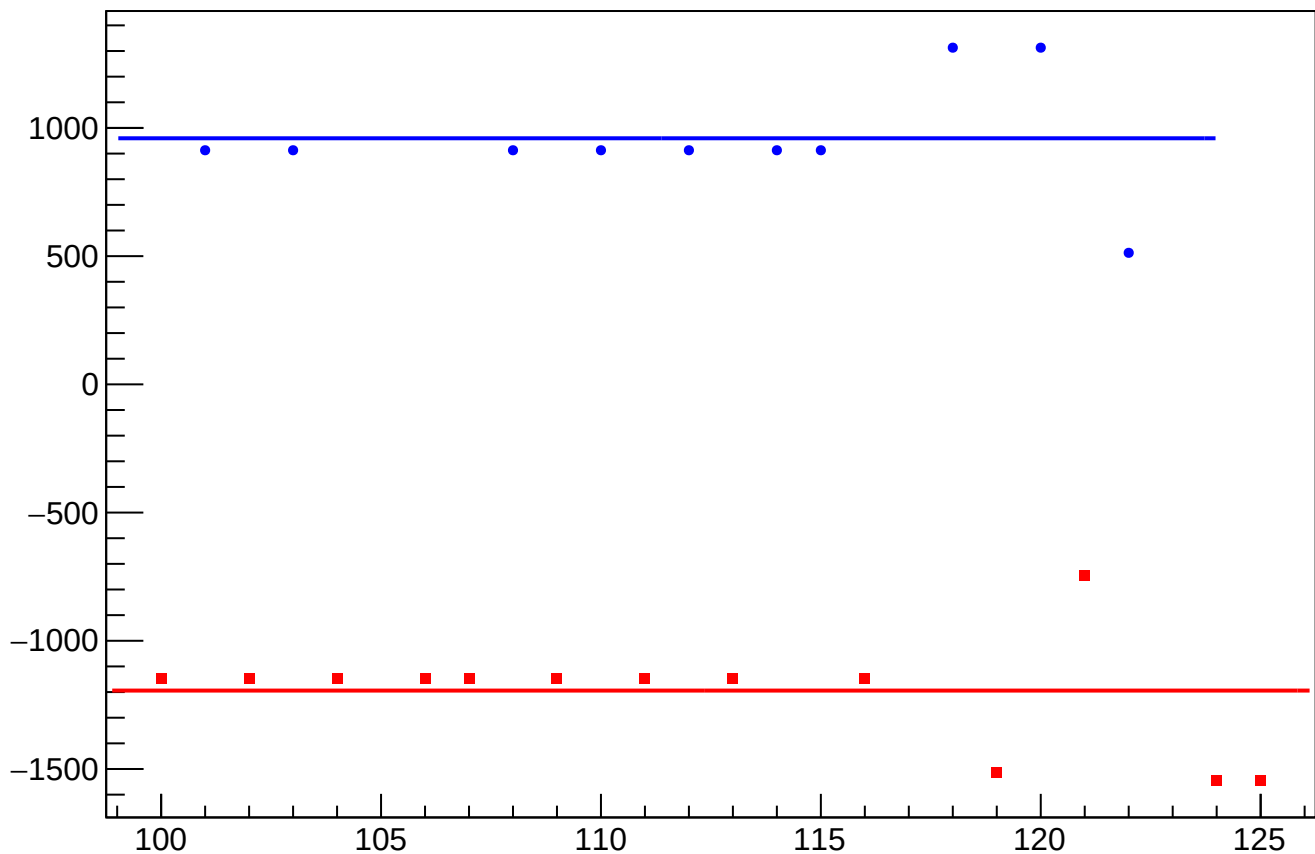
Right: -1.801 $\pm$ 0.000 χ^2/NDF : 2397380772232966

In: 17.009 $\pm$ 0.000 χ^2/NDF : 35656.5/9

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

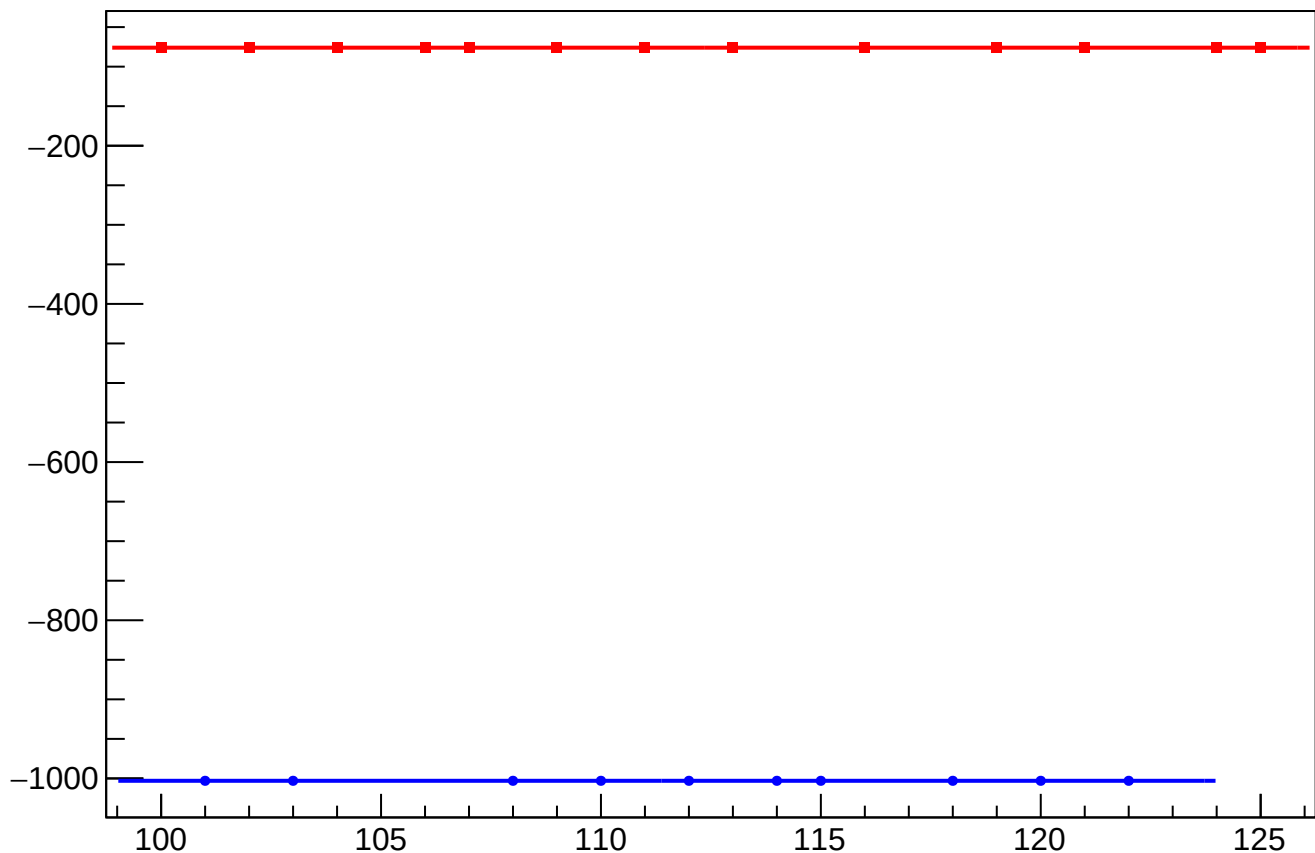
All: -1.801 $\pm$ 0.000 χ^2/NDF : 2397380772232

RTPAPOSUCNT_mean vs Slug, Sign Corrected



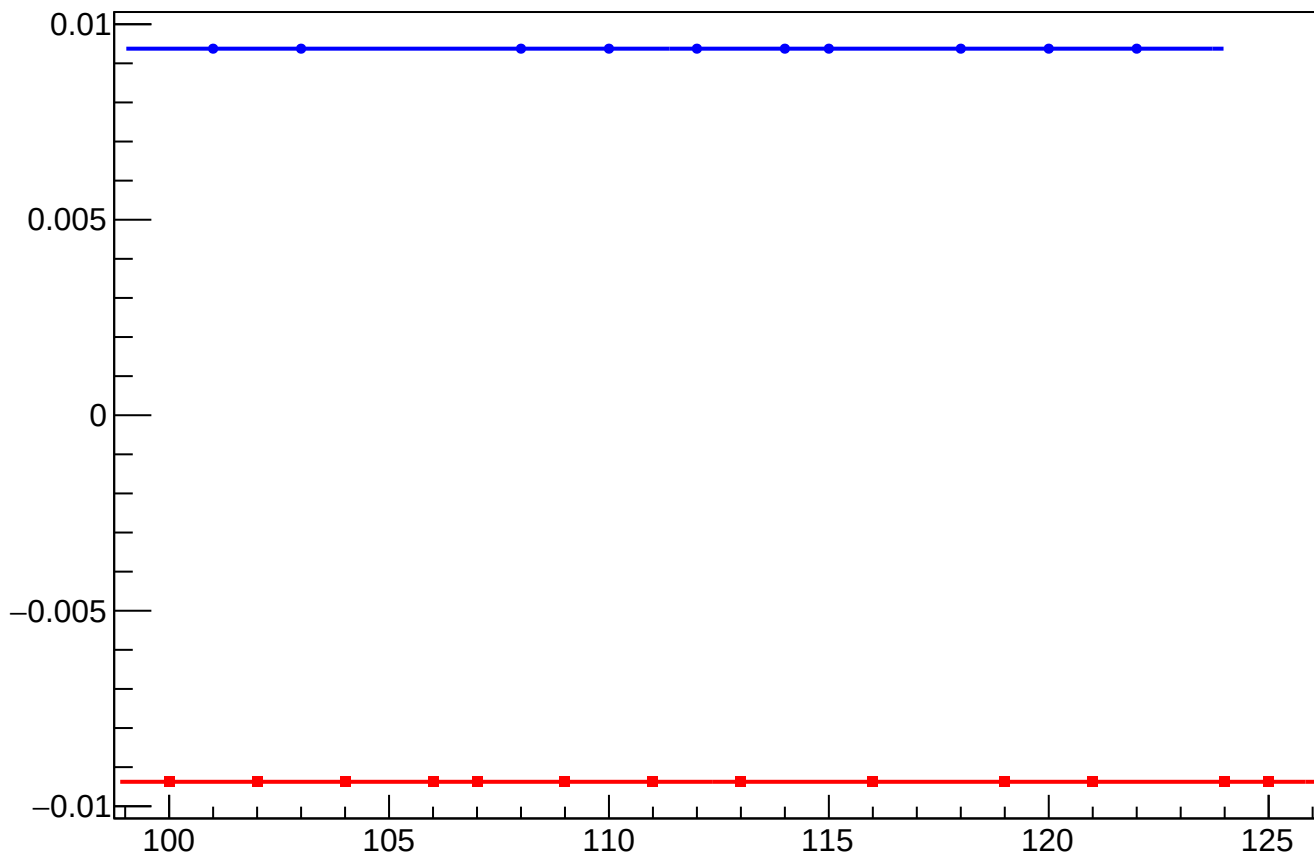
Right In: 959.664+/-0.000 χ^2/NDF : 20686620207801755634634601142746611712.0/9
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -226.669+/-0.000 χ^2/NDF : 11156048476296
 In: 959.664+/-0.000 χ^2/NDF : 20686620207801755634634601142746611712.0/9
 Right Out: -1194.164+/-0.000 χ^2/NDF : 21752150769304085504363148375190667264.0/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -226.669+/-0.000 χ^2/NDF : 11156048476

RTPAPOSVCNT_mean vs Slug, Sign Corrected



Right In: -1002.990+/-0.000 χ^2/NDF : 1395232253753838630252576768.0/9
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -76.010+/-0.000 χ^2/NDF : 1378706516795805170250285056.0/12
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -492.407+/-0.000 χ^2/NDF : 19878581507710

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 : 0.0/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

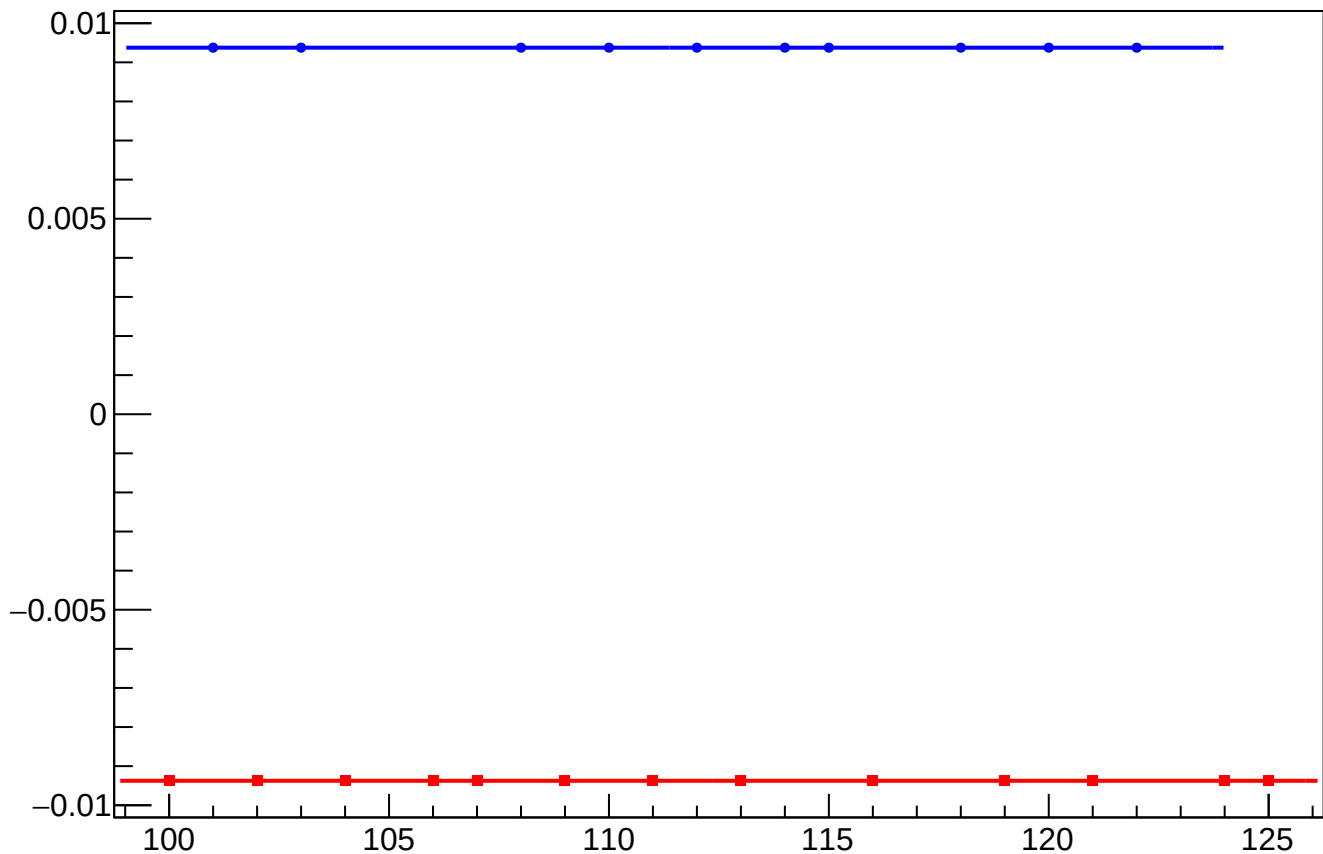
Right: -0.001+/-0.000 χ^2/NDF : 8132937834224594

In: 0.009+/-0.000 χ^2/NDF : 0.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 8132937834224

RTPPITA2CNT_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 : 0.0/12

Left 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 : 8132937834224594

In: 0.009+/-0.000 χ^2/NDF : 0.0/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 8132937834224