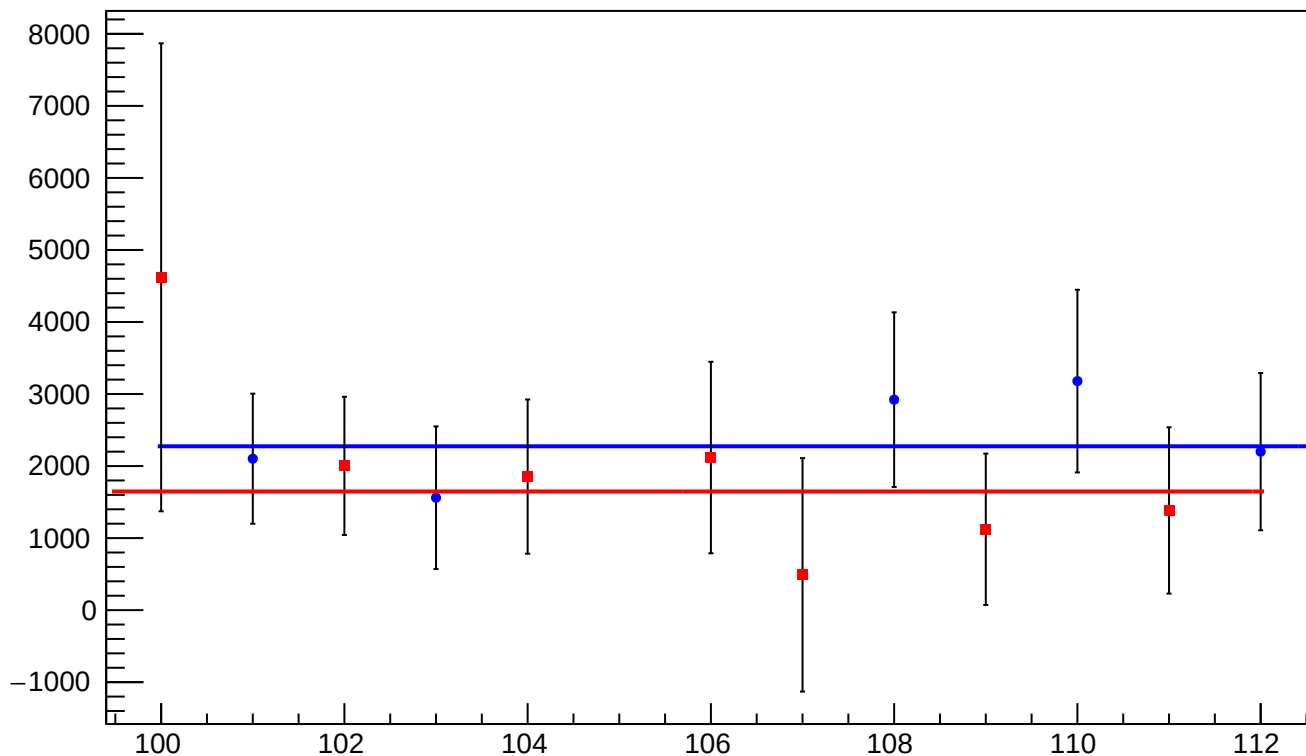


reg_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2274.620+/-477.382 $\chi^2/\text{NDF: } 1.4/4$

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

Right Out: 1647.407+/-463.417 $\chi^2/\text{NDF: } 1.9/6$

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: 1951.705+/-332.513

$\chi^2/\text{NDF: } 4.2/11$

In: 2274.620+/-477.382

$\chi^2/\text{NDF: } 1.4/4$

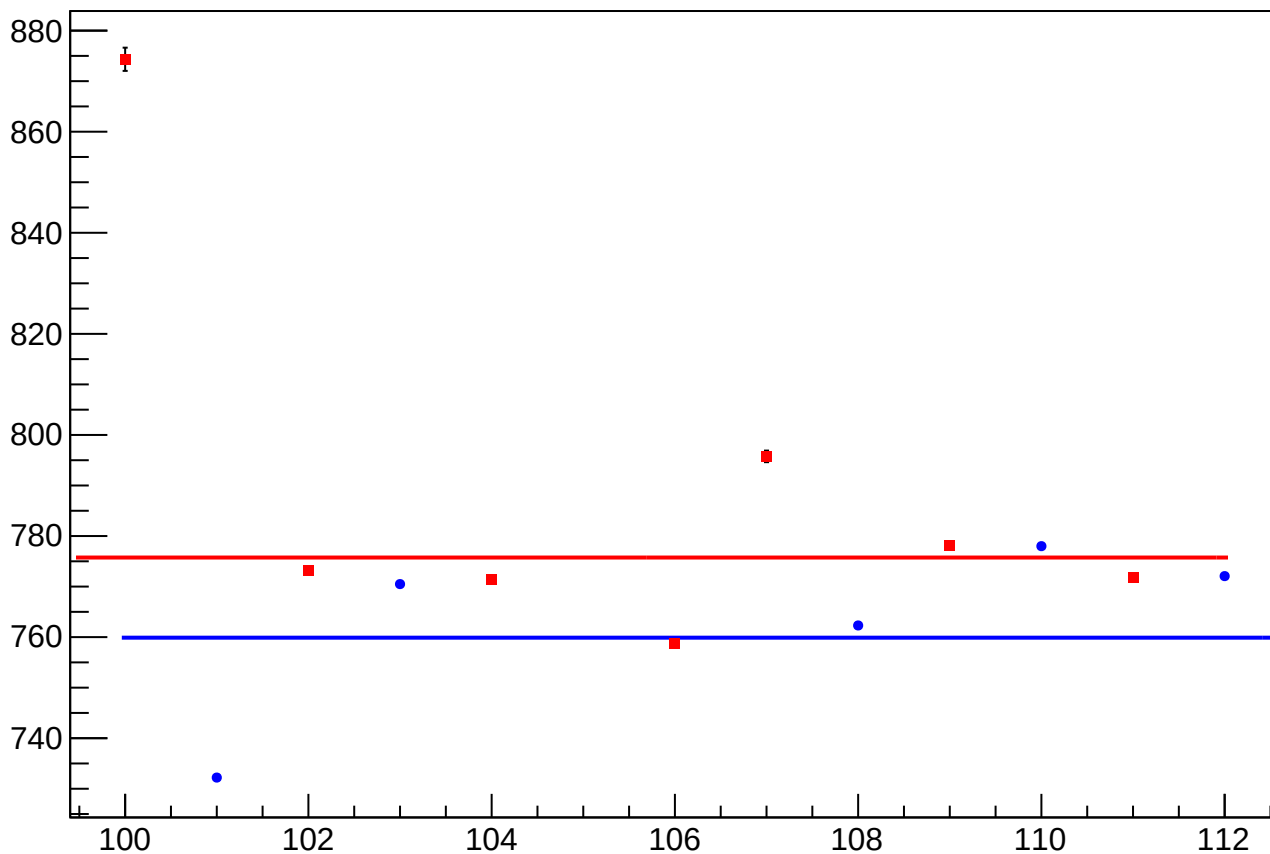
Out: 0.000+/-0.000

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

All: 1951.705+/-332.513

$\chi^2/\text{NDF: } 4.2/11$

reg_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 759.890+/-0.338 χ^2/NDF : 2773.7/4

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

Right Out: 775.747+/-0.328 χ^2/NDF : 2550.6/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

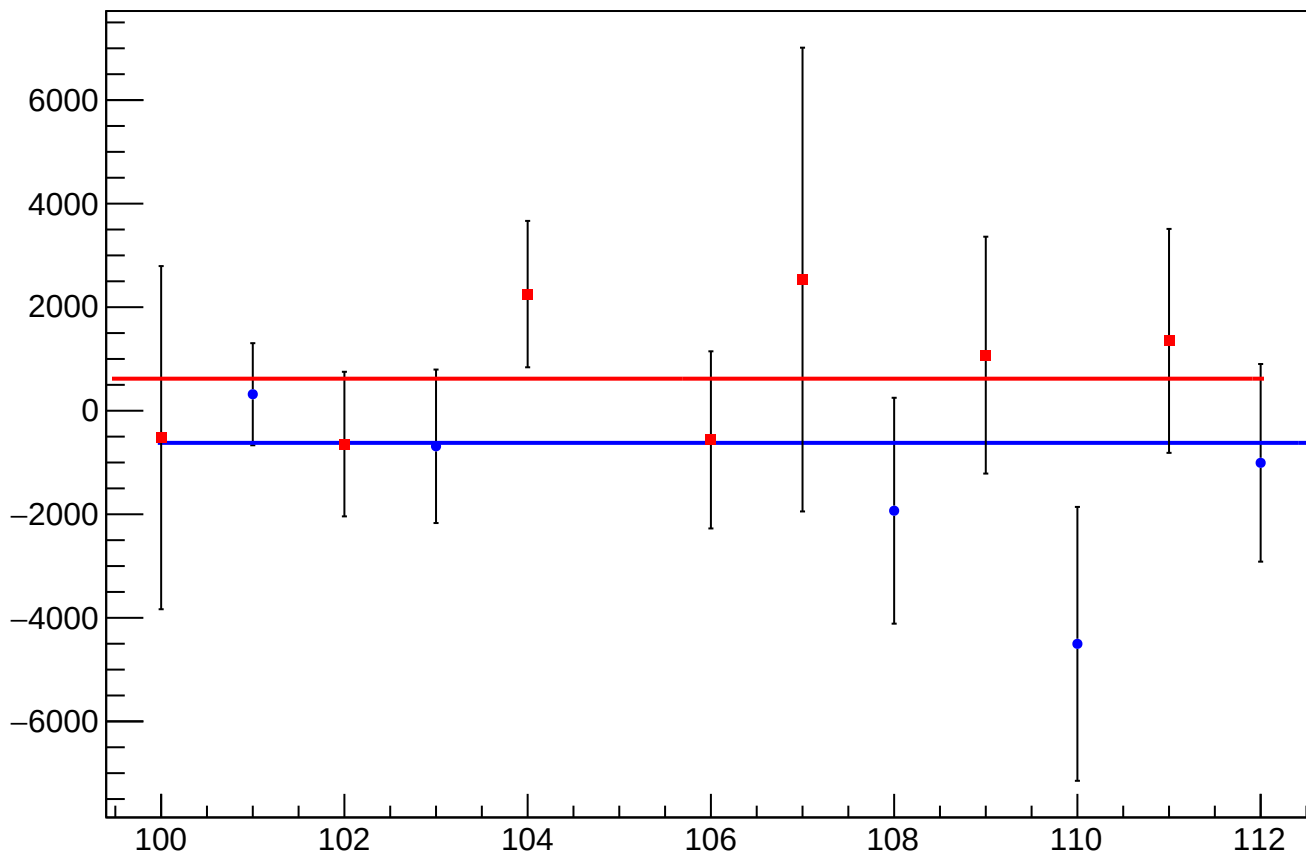
Right: 768.054+/-0.235 χ^2/NDF : 6460.3/11

In: 759.890+/-0.338 χ^2/NDF : 2773.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 768.054+/-0.235 χ^2/NDF : 6460.3/11

asym_us_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -620.630+/-688.206 χ^2/NDF : 3.5/4

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

Right Out: 619.136+/-725.350 χ^2/NDF : 3.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

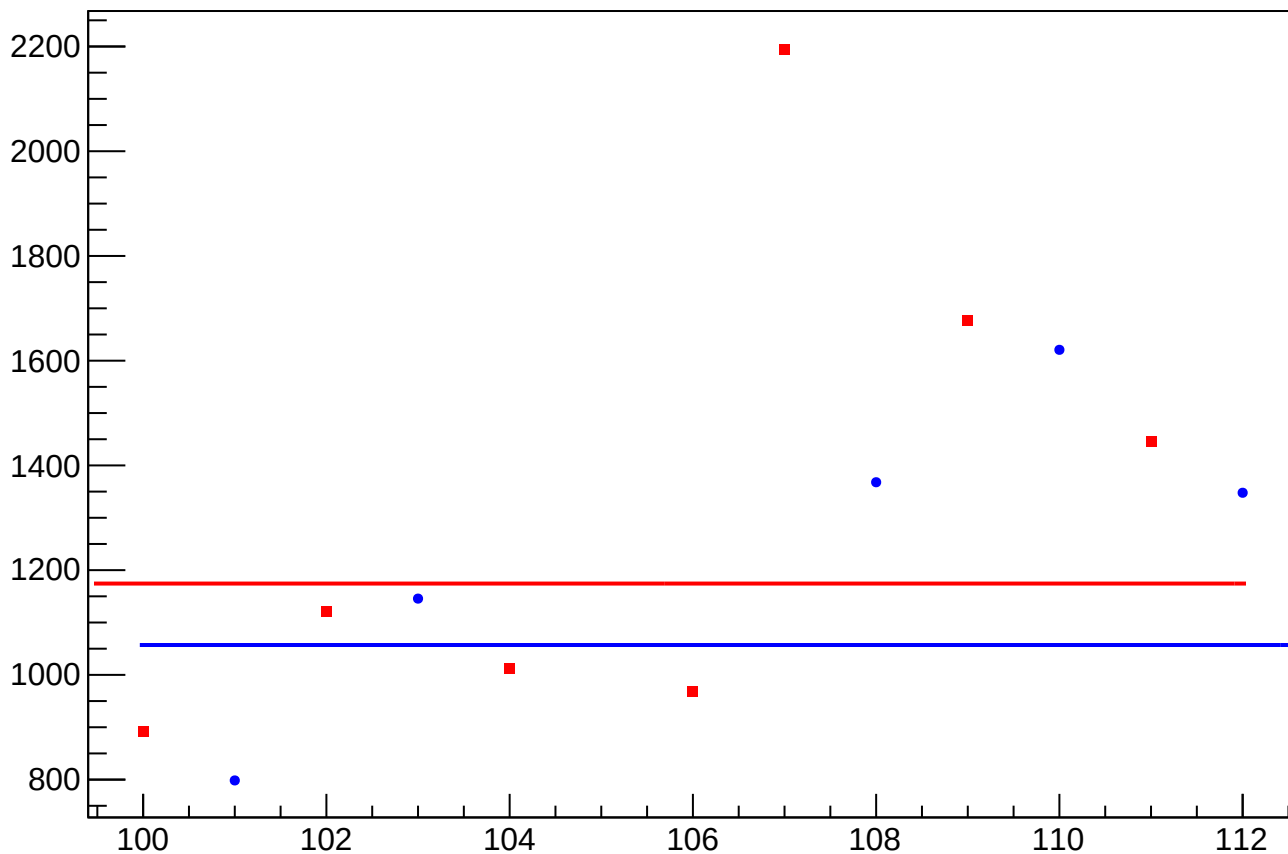
Right: -33.302+/-499.250 χ^2/NDF : 8.1/11

In: -620.630+/-688.206 χ^2/NDF : 3.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.302+/-499.250 χ^2/NDF : 8.1/11

asym_us_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1057.054+/-0.487 χ^2/NDF : 322601.6/4

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

Right Out: 1174.389+/-0.513 χ^2/NDF : 304559.7/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

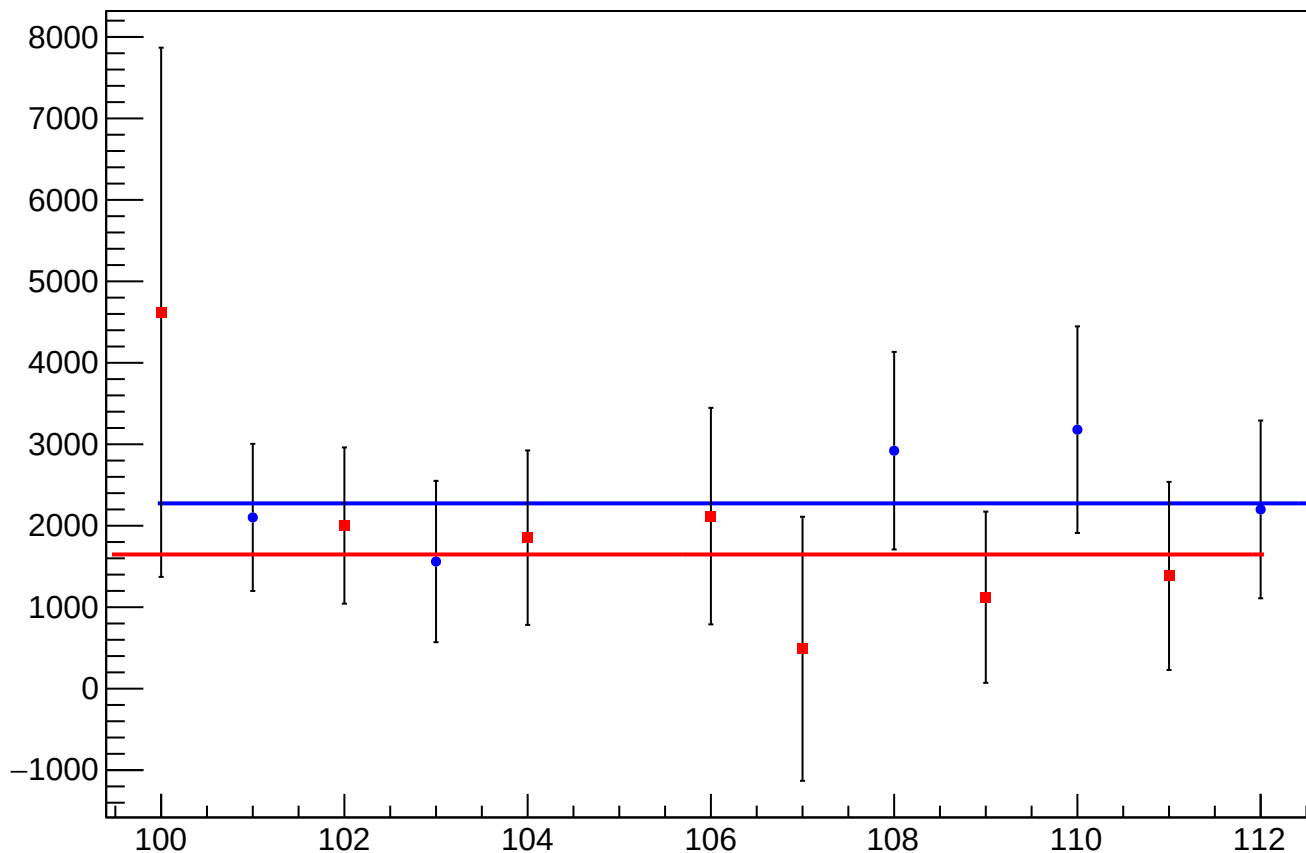
Right: 1112.640+/-0.353 χ^2/NDF : 654702.7/11

In: 1057.054+/-0.487 χ^2/NDF : 322601.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1112.640+/-0.353 χ^2/NDF : 654702.7/11

cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2274.620+/-477.382 χ^2/NDF : 1.4/4

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

Right Out: 1647.407+/-463.417 χ^2/NDF : 1.9/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

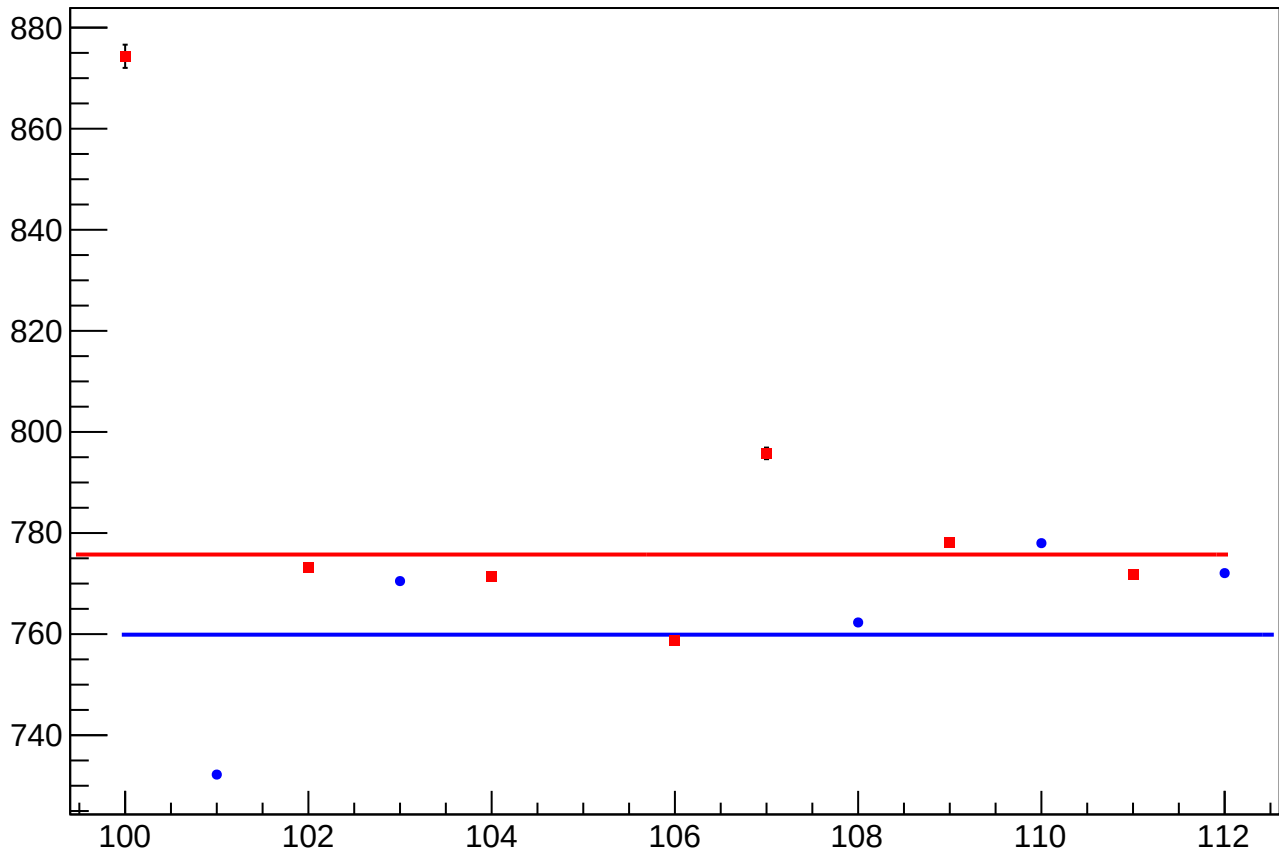
Right: 1951.705+/-332.513 χ^2/NDF : 4.2/11

In: 2274.620+/-477.382 χ^2/NDF : 1.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1951.705+/-332.513 χ^2/NDF : 4.2/11

cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 759.890 ± 0.338 χ^2/NDF : 2773.7/4

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

Right Out: 775.747 ± 0.328 χ^2/NDF : 2550.6/6

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

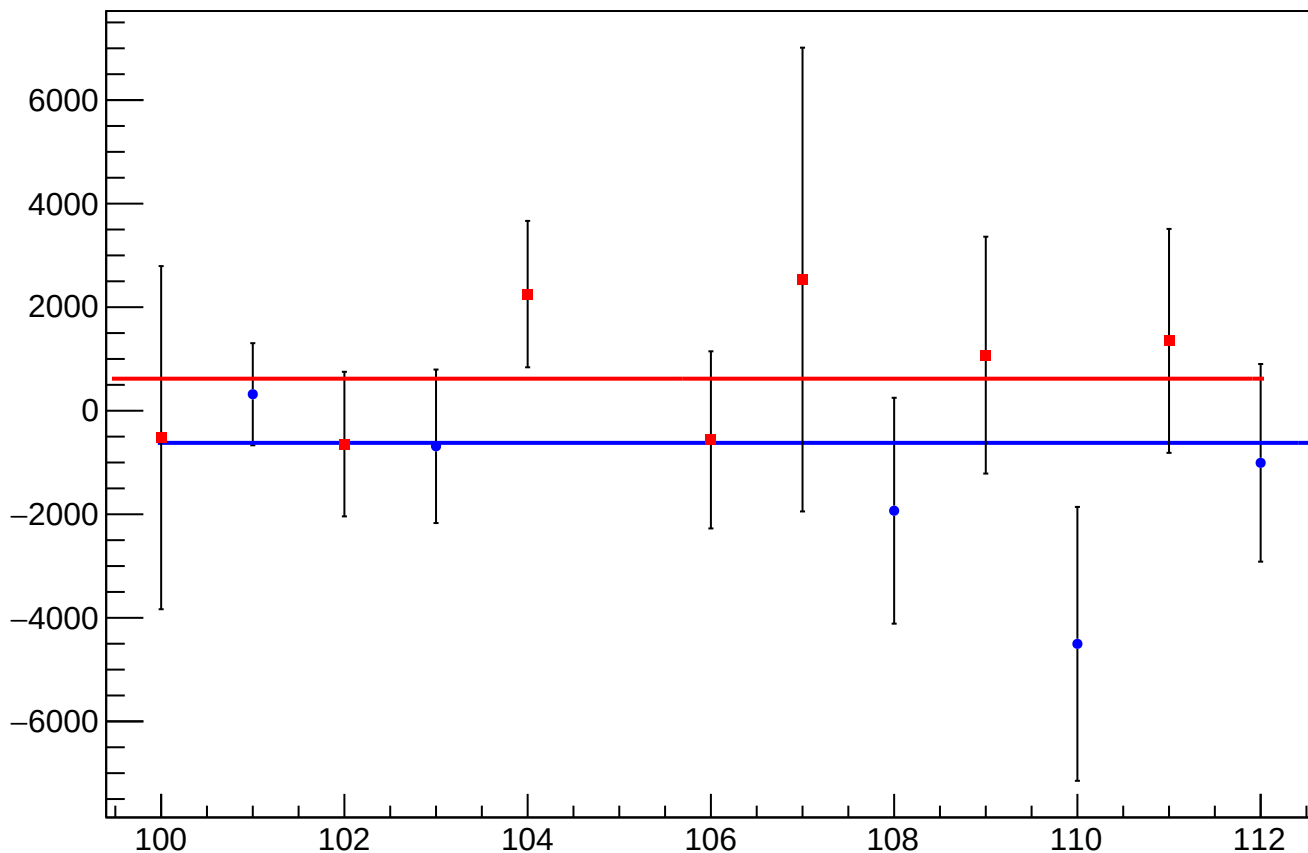
Right: 768.054 ± 0.235 χ^2/NDF : 6460.3/11

In: 759.890 ± 0.338 χ^2/NDF : 2773.7/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 768.054 ± 0.235 χ^2/NDF : 6460.3/11

asym_us_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -620.630+/-688.206 χ^2/NDF : 3.5/4

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

Right Out: 619.136+/-725.350 χ^2/NDF : 3.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

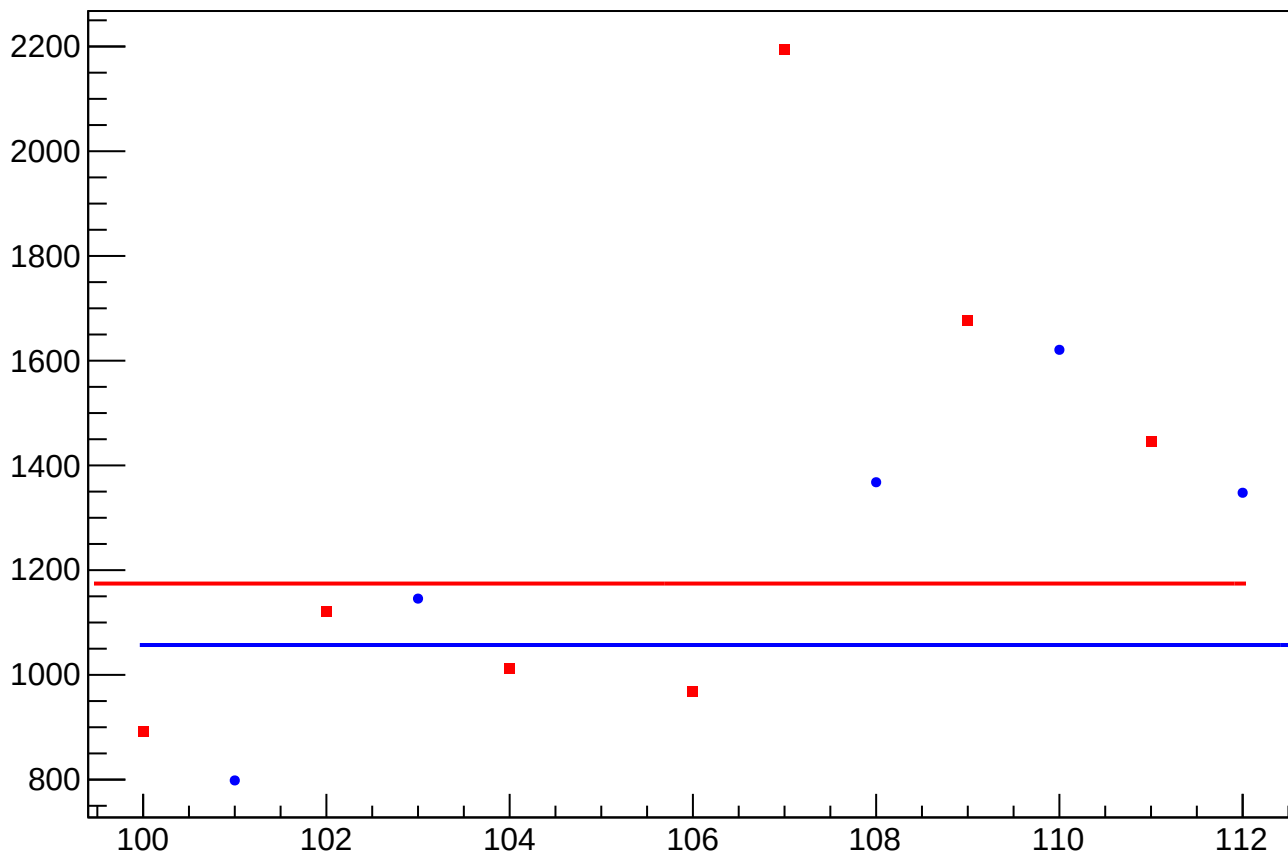
Right: -33.302+/-499.250 χ^2/NDF : 8.1/11

In: -620.630+/-688.206 χ^2/NDF : 3.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.302+/-499.250 χ^2/NDF : 8.1/11

asym_us_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1057.054+/-0.487 χ^2/NDF : 322601.6/4

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

Right Out: 1174.389+/-0.513 χ^2/NDF : 304559.7/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

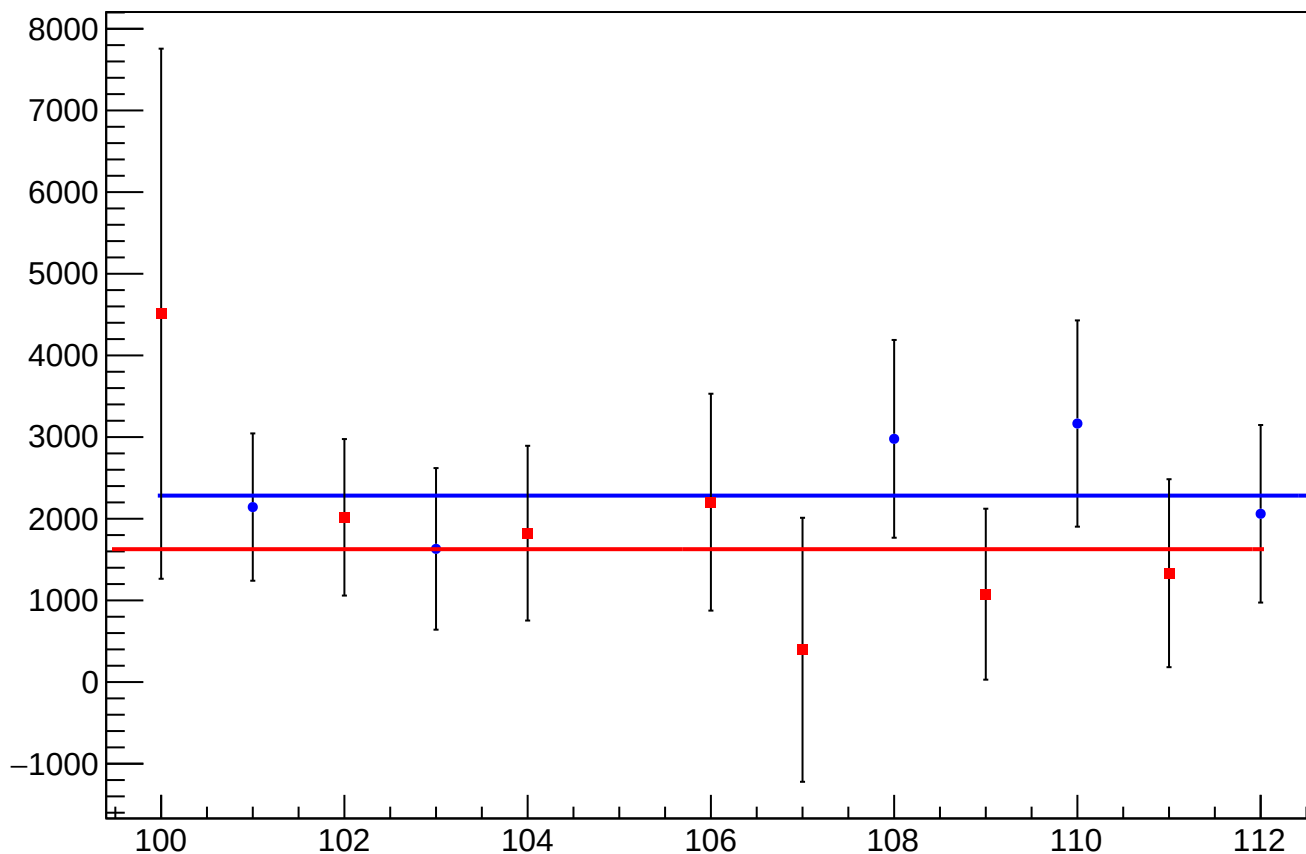
Right: 1112.640+/-0.353 χ^2/NDF : 654702.7/11

In: 1057.054+/-0.487 χ^2/NDF : 322601.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1112.640+/-0.353 χ^2/NDF : 654702.7/11

overload_cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2283.299+/-476.451 χ^2/NDF : 1.3/4

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

Right Out: 1627.197+/-462.522 χ^2/NDF : 2.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

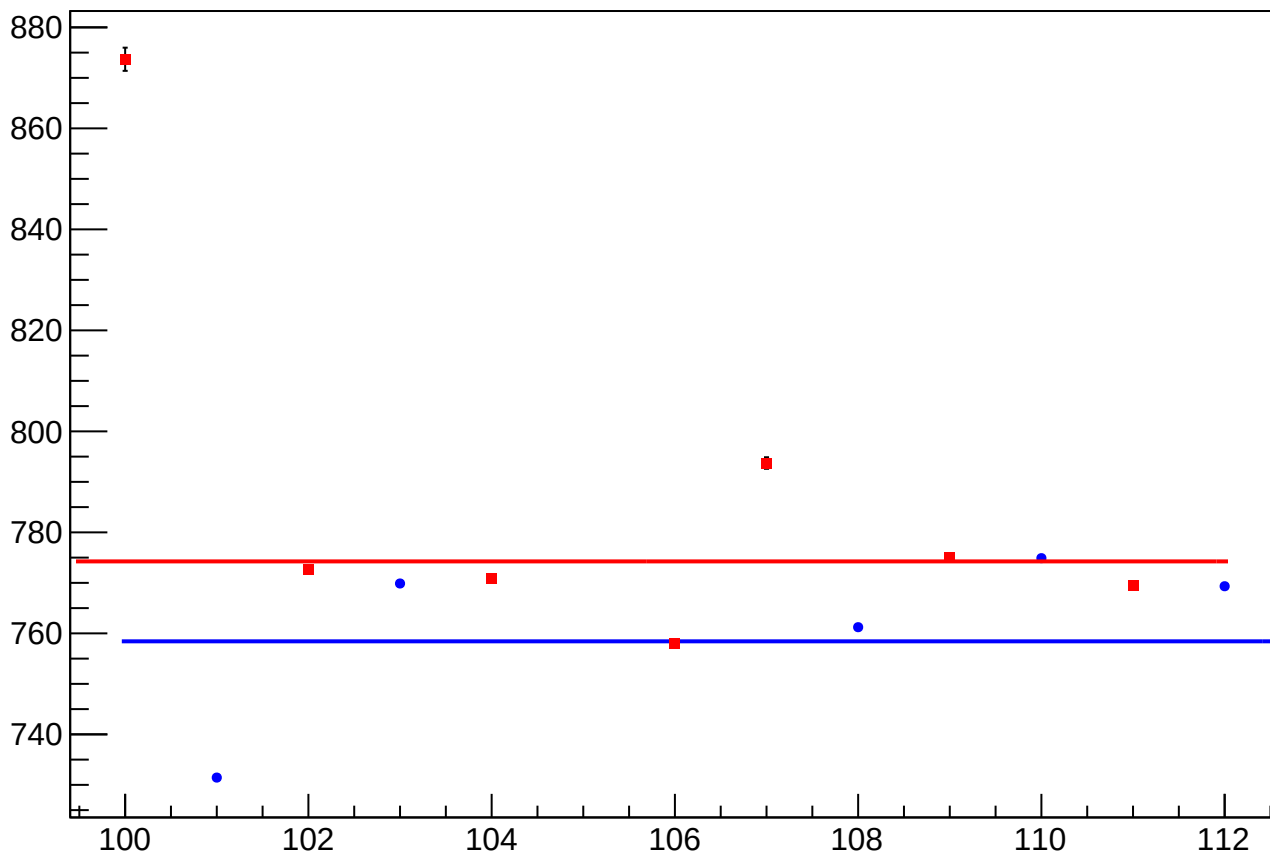
Right: 1945.518+/-331.868 χ^2/NDF : 4.4/11

In: 2283.299+/-476.451 χ^2/NDF : 1.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1945.518+/-331.868 χ^2/NDF : 4.4/11

overload_cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 758.424 $\pm$ 0.337 χ^2 /NDF: 2609.5/4

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

Right Out: 774.252 $\pm$ 0.327 χ^2 /NDF: 2525.3/6

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

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

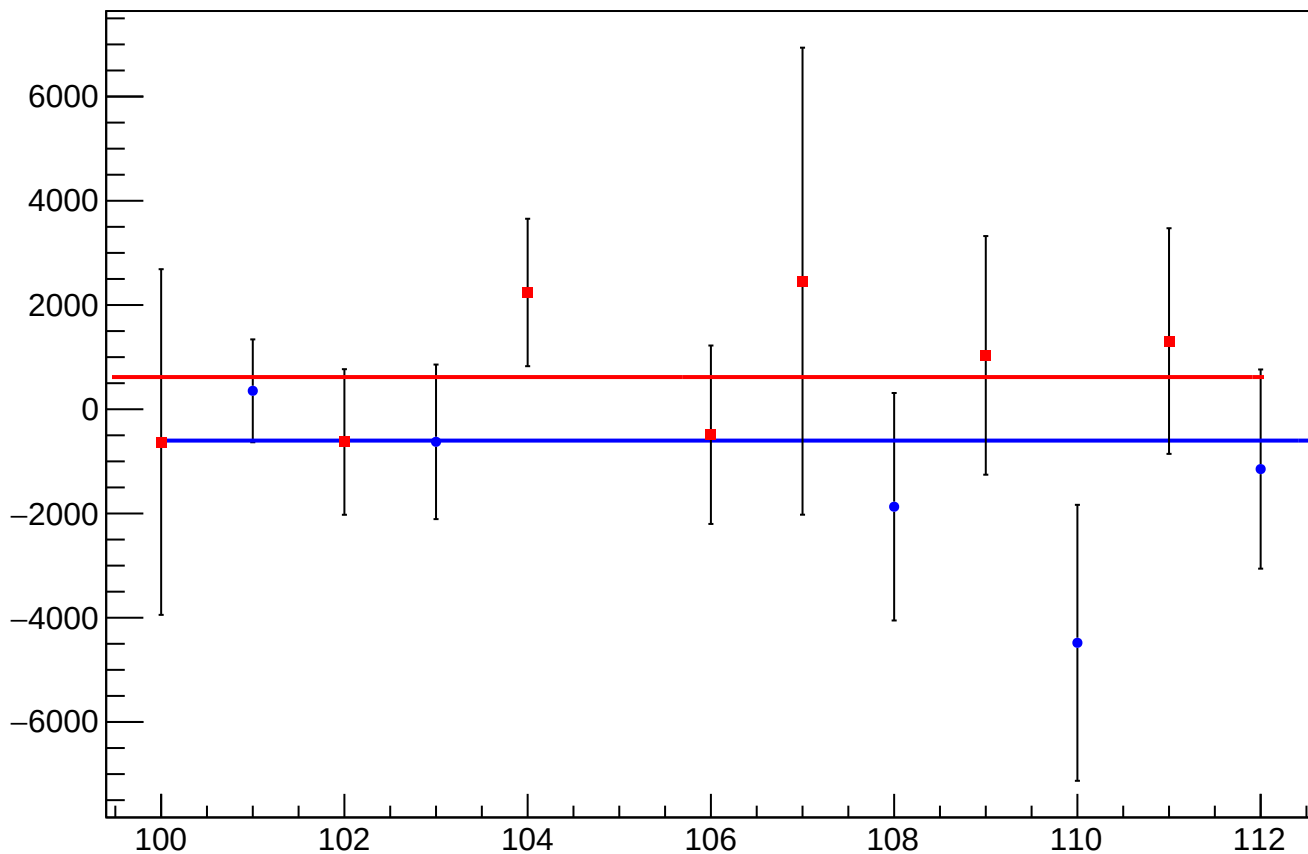
Right: 766.572 $\pm$ 0.235 χ^2 /NDF: 6271.1/11

In: 758.424 $\pm$ 0.337 χ^2 /NDF:2609.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 766.572 $\pm$ 0.235 χ^2 /NDF: 6271.1/11

asym_us_avg_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: -601.204+/-688.736 χ^2/NDF : 3.5/4

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

Right Out: 617.832+/-725.736 χ^2/NDF : 3.0/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

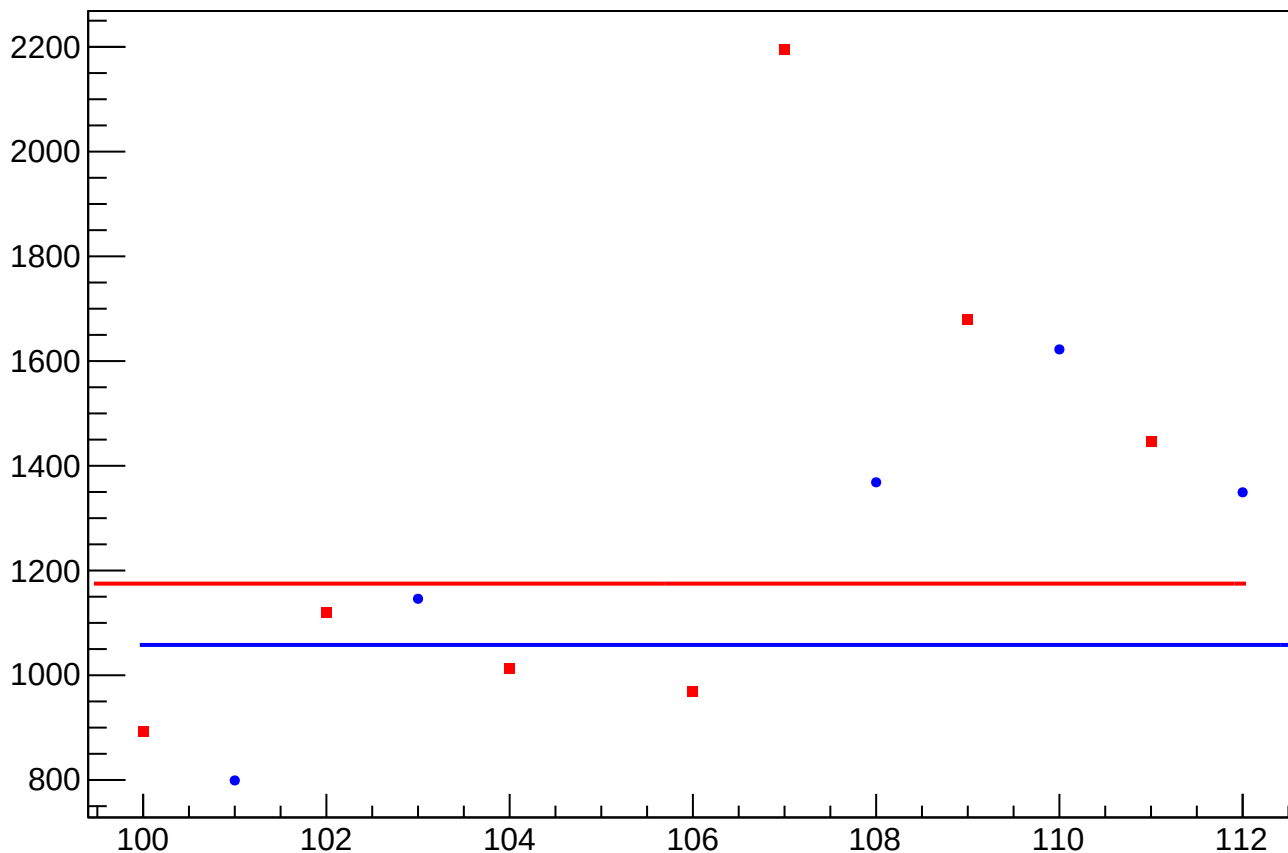
Right: -23.553+/-499.578 χ^2/NDF : 8.0/11

In: -601.204+/-688.736 χ^2/NDF : 3.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.553+/-499.578 χ^2/NDF : 8.0/11

asym_us_avg_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 1057.884+/-0.487 χ^2/NDF : 322490.0/4

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

Right Out: 1174.997+/-0.513 χ^2/NDF : 304744.2/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

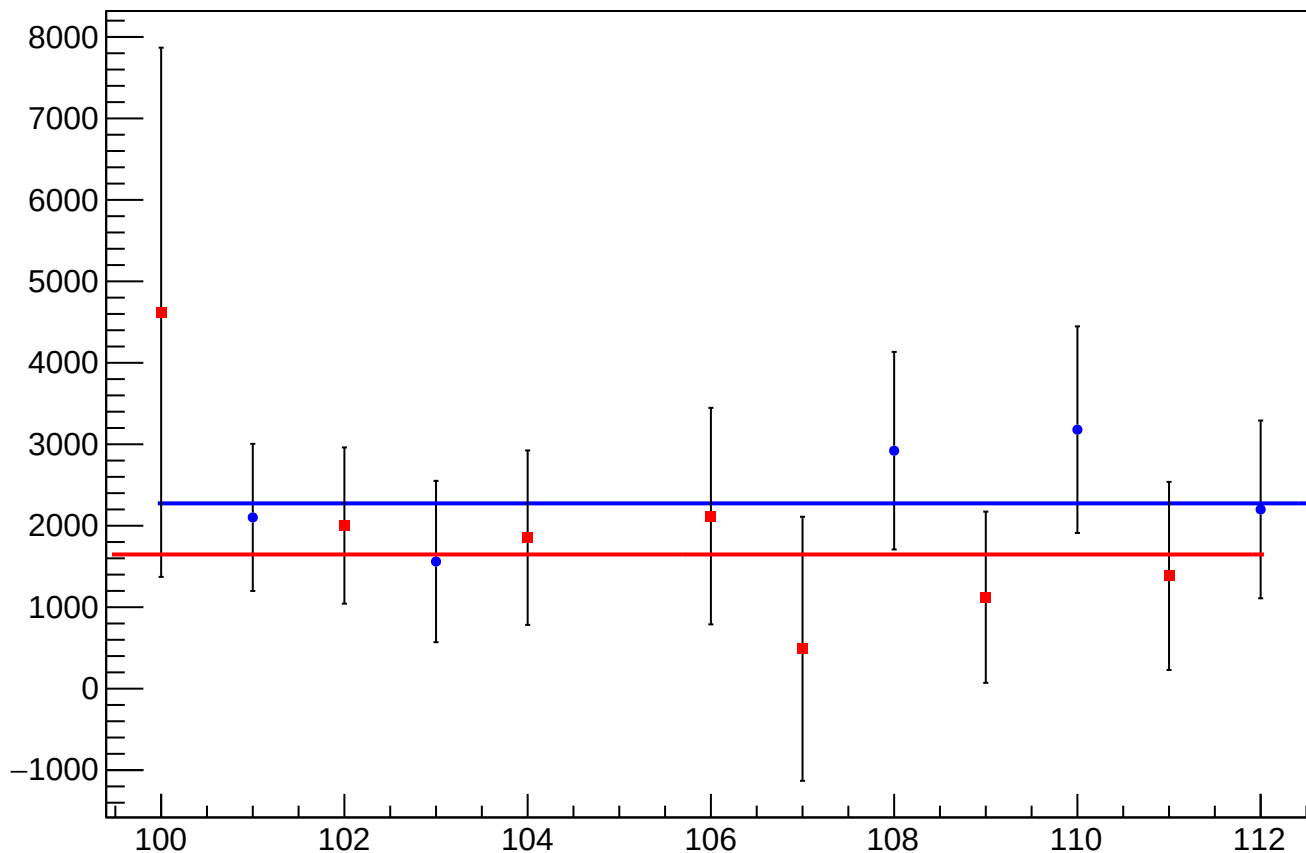
Right: 1113.379+/-0.353 χ^2/NDF : 654636.4/11

In: 1057.884+/-0.487 χ^2/NDF : 322490.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1113.379+/-0.353 χ^2/NDF : 654636.4/11

eigen_cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2274.620+/-477.382 χ^2/NDF : 1.4/4

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

Right Out: 1647.407+/-463.417 χ^2/NDF : 1.9/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

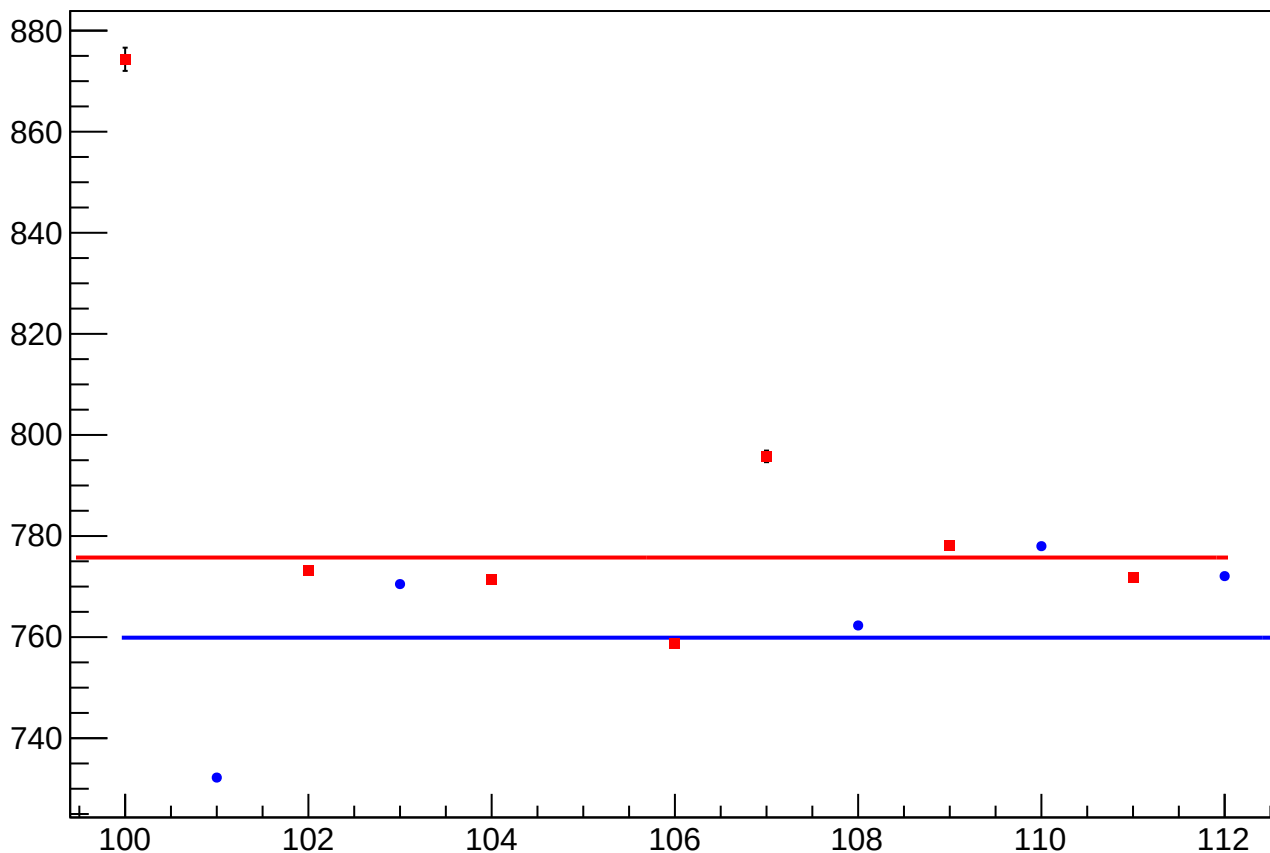
Right: 1951.705+/-332.513 χ^2/NDF : 4.2/11

In: 2274.620+/-477.382 χ^2/NDF : 1.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1951.705+/-332.513 χ^2/NDF : 4.2/11

eigen_cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 759.890 $\pm$ 0.338 χ^2 /NDF: 2773.7/4

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

Right Out: 775.747 $\pm$ 0.328 χ^2 /NDF: 2550.6/6

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

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

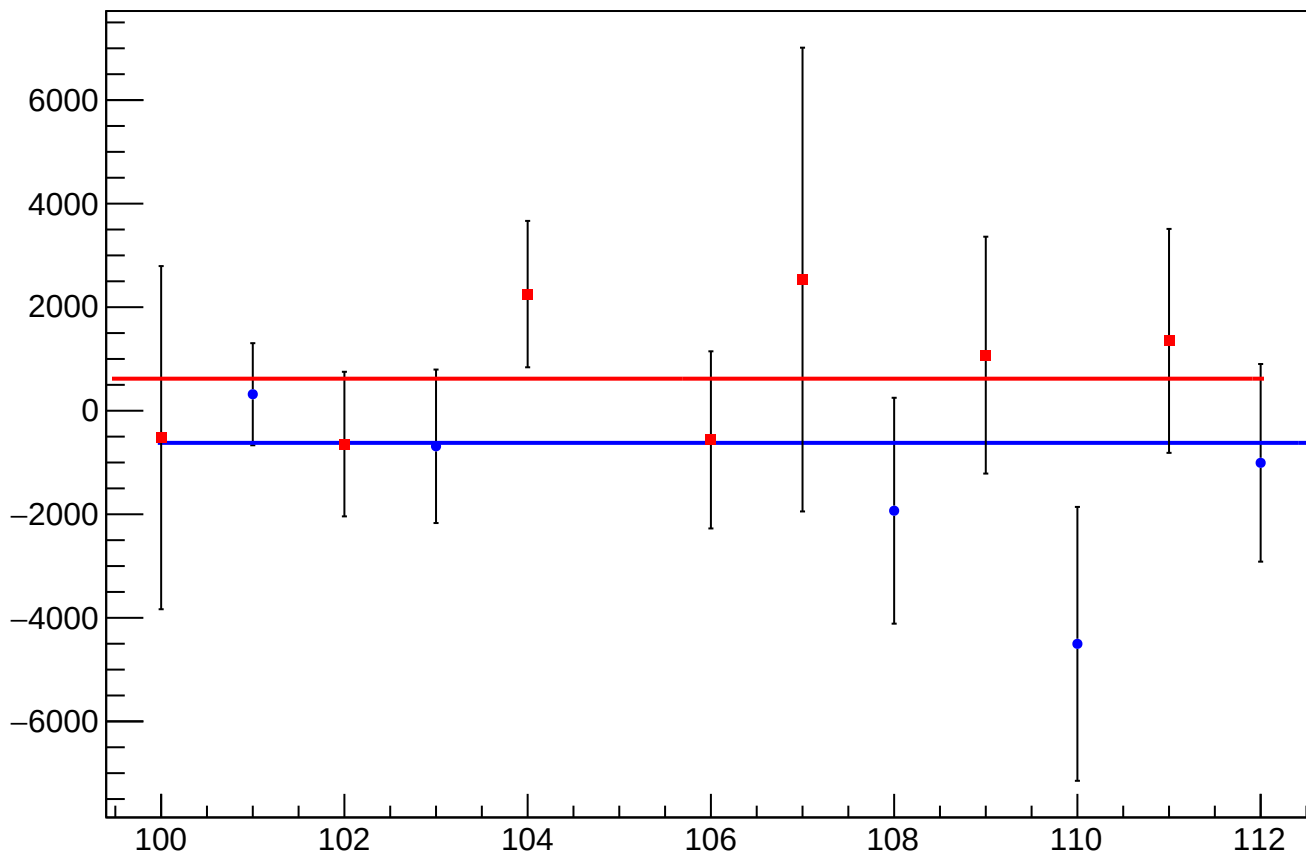
Right: 768.054 $\pm$ 0.235 χ^2 /NDF: 6460.3/11

In: 759.890 $\pm$ 0.338 χ^2 /NDF:2773.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 768.054 $\pm$ 0.235 χ^2 /NDF: 6460.3/11

asym_us_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -620.630+/-688.206 χ^2/NDF : 3.5/4

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

Right Out: 619.136+/-725.350 χ^2/NDF : 3.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

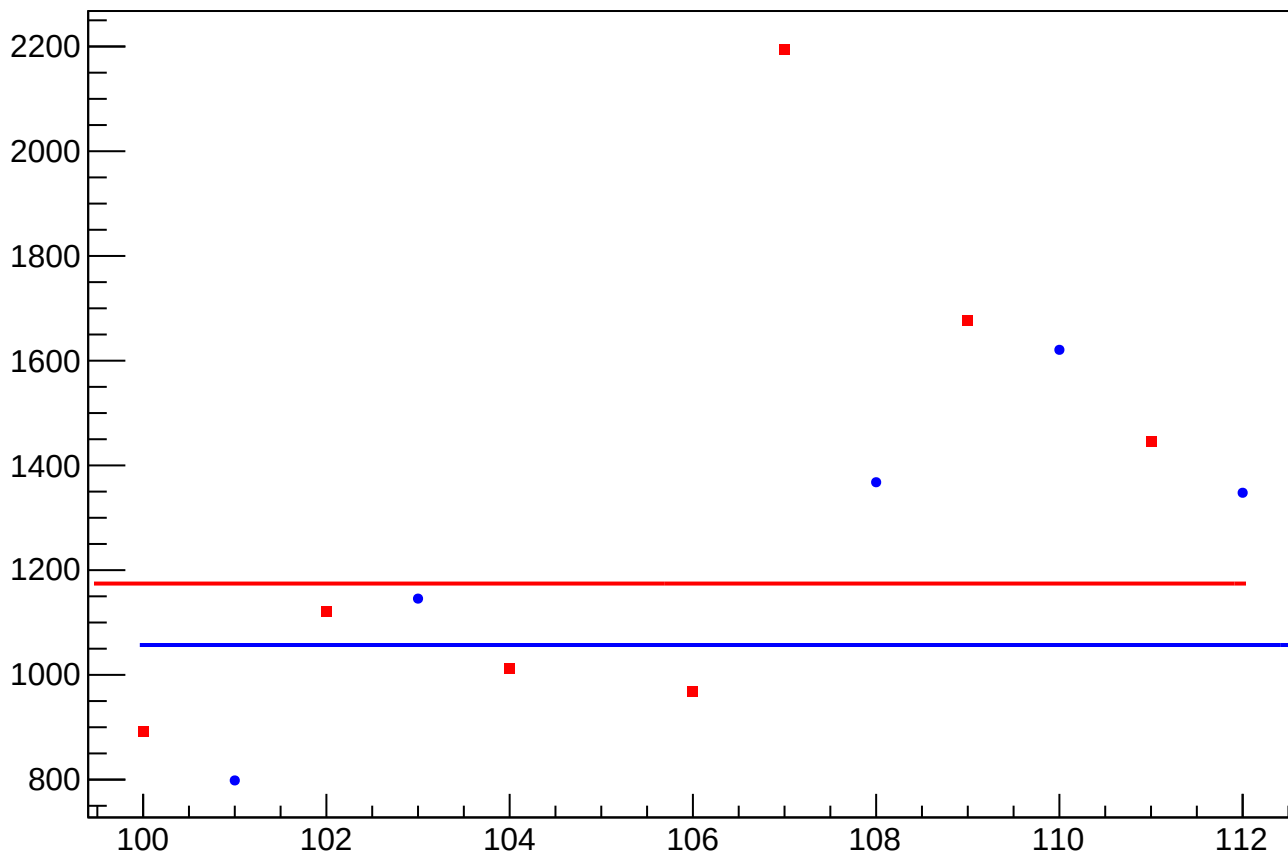
Right: -33.302+/-499.250 χ^2/NDF : 8.1/11

In: -620.630+/-688.206 χ^2/NDF : 3.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.302+/-499.250 χ^2/NDF : 8.1/11

asym_us_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1057.054+/-0.487 χ^2/NDF : 322601.6/4

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

Right Out: 1174.389+/-0.513 χ^2/NDF : 304559.7/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

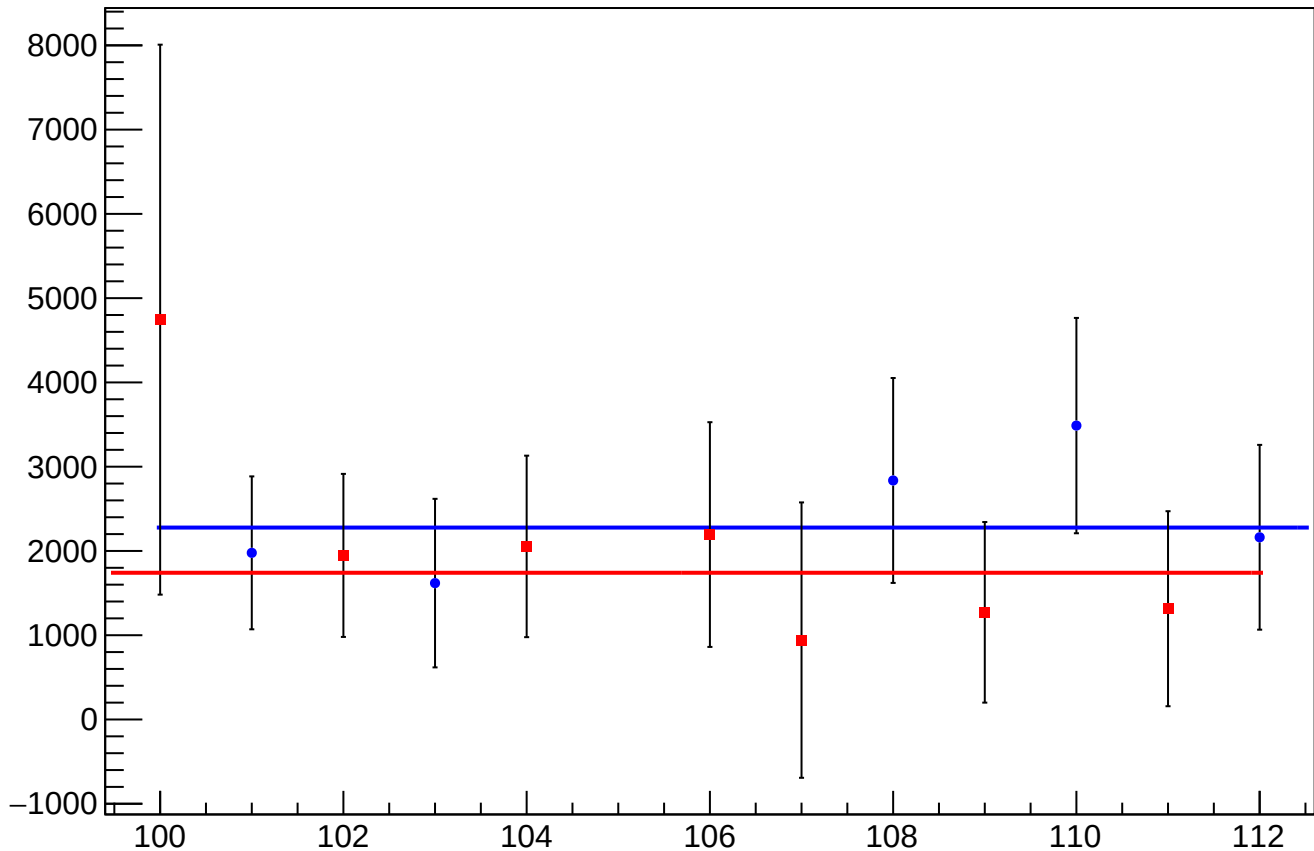
Right: 1112.640+/-0.353 χ^2/NDF : 654702.7/11

In: 1057.054+/-0.487 χ^2/NDF : 322601.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1112.640+/-0.353 χ^2/NDF : 654702.7/11

dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2277.546 $\pm$ 480.281 χ^2 /NDF: 1.7/4

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

Right Out: 1741.137 $\pm$ 467.323 χ^2 /NDF: 1.7/6

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

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

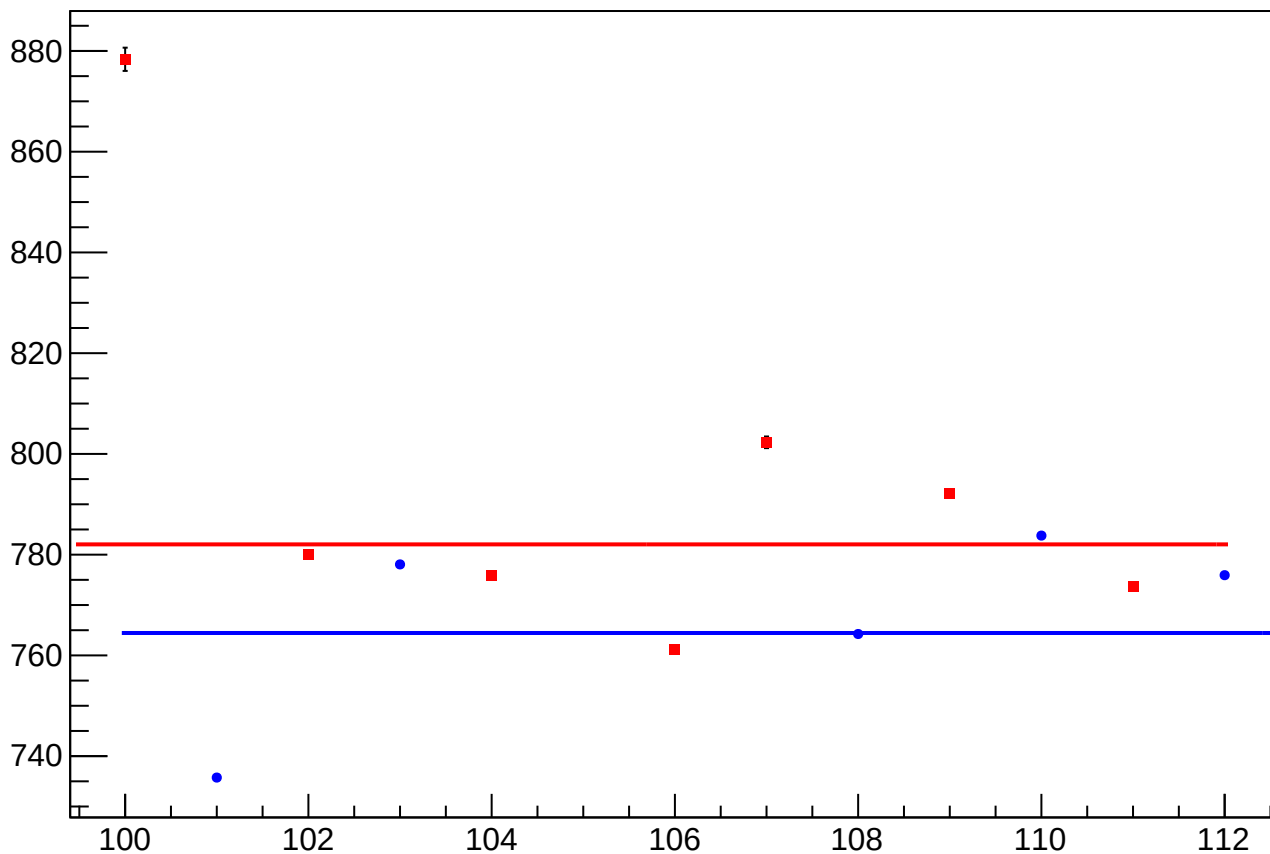
Right: 2002.008 $\pm$ 334.935 χ^2 /NDF: 4.0/11

In: 2277.546 $\pm$ 480.281 χ^2 /NDF: 1.7/4

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

All: 2002.008 $\pm$ 334.935 χ^2 /NDF: 4.0/11

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 764.450+/-0.340 χ^2/NDF : 3049.3/4

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

Right Out: 782.041+/-0.330 χ^2/NDF : 2895.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

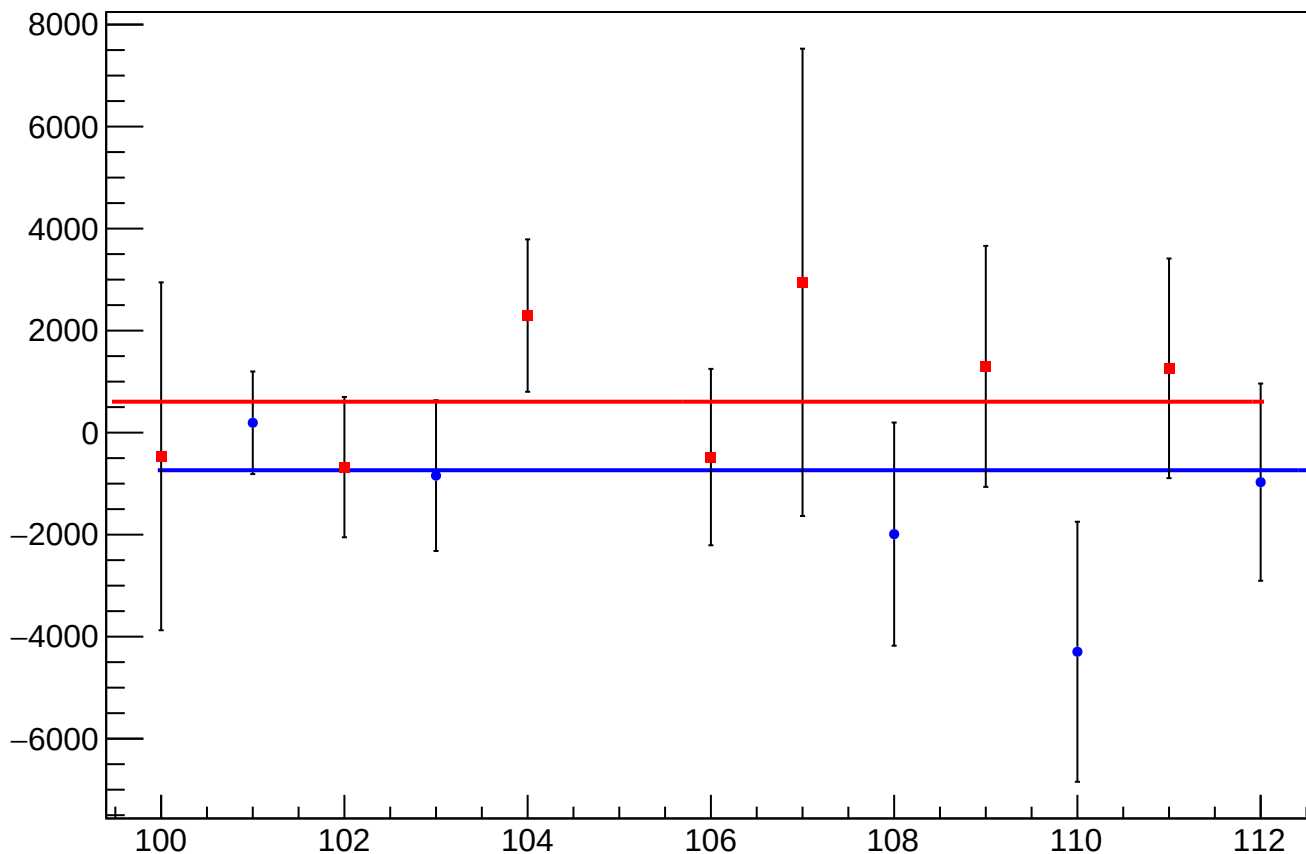
Right: 773.486+/-0.237 χ^2/NDF : 7322.9/11

In: 764.450+/-0.340 χ^2/NDF : 3049.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 773.486+/-0.237 χ^2/NDF : 7322.9/11

asym_us_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -737.220+/-693.814 χ^2/NDF : 3.2/4

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

Right Out: 606.430+/-737.287 χ^2/NDF : 3.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

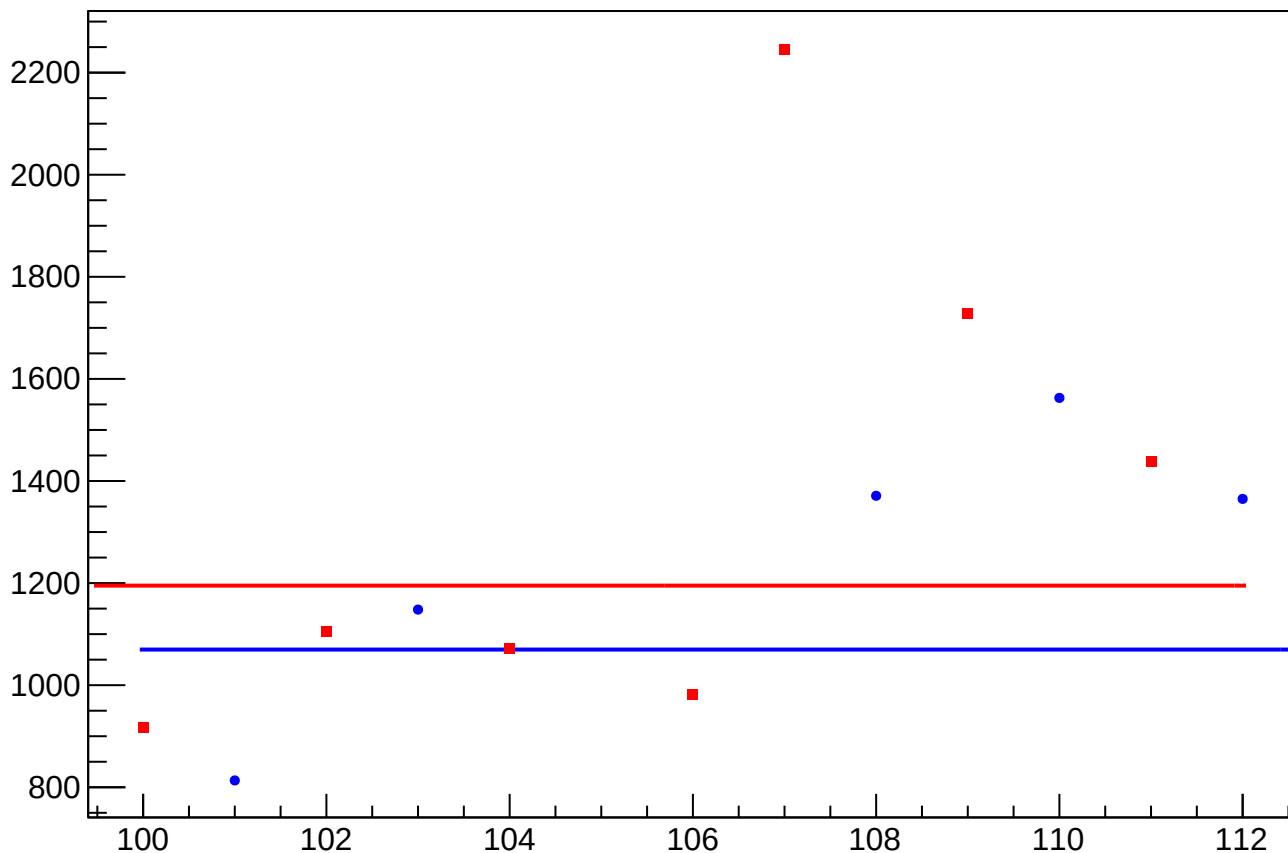
Right: -106.174+/-505.271 χ^2/NDF : 8.0/11

In: -737.220+/-693.814 χ^2/NDF : 3.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -106.174+/-505.271 χ^2/NDF : 8.0/11

asym_us_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1069.808+/-0.491 χ^2/NDF : 294996.0/4

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

Right Out: 1195.042+/-0.521 χ^2/NDF : 298272.0/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

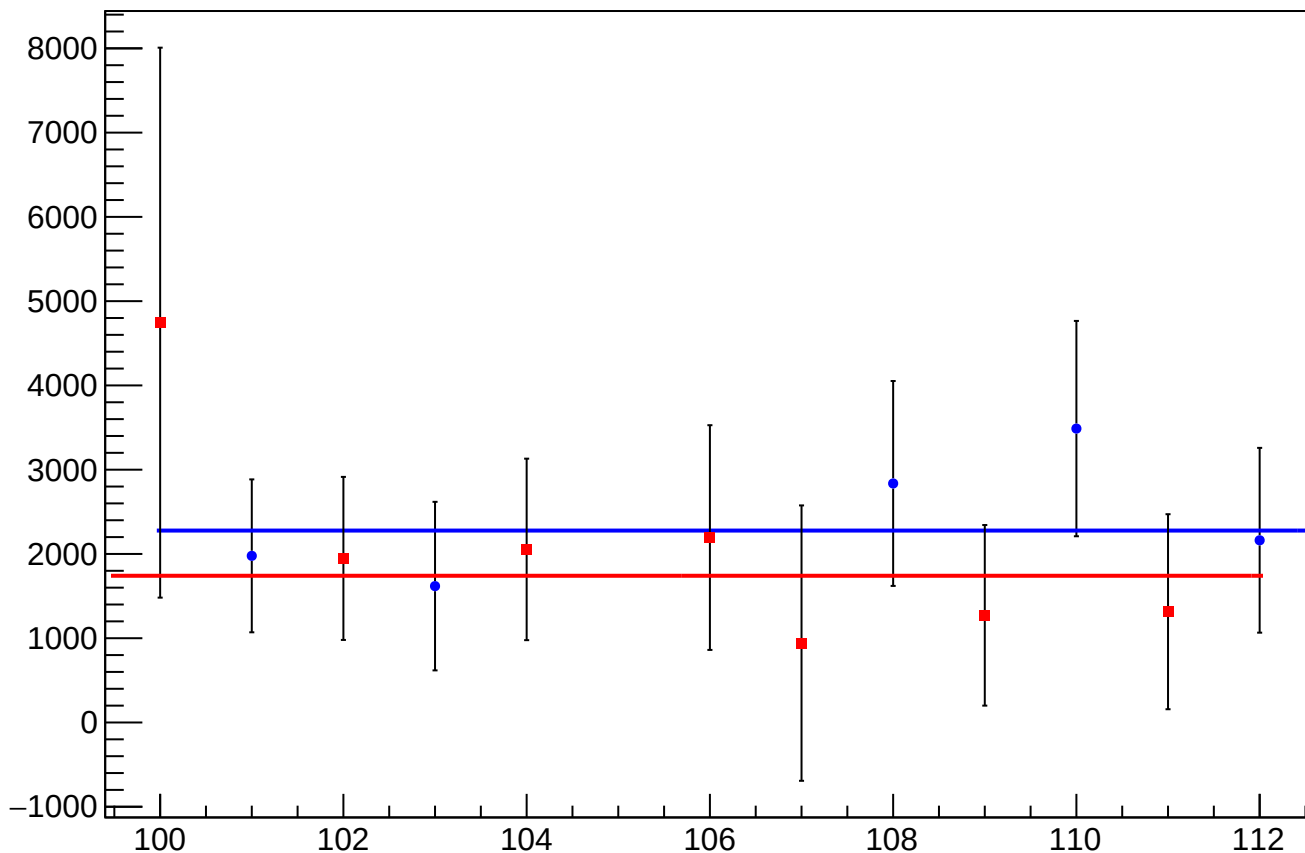
Right: 1128.624+/-0.357 χ^2/NDF : 623870.9/11

In: 1069.808+/-0.491 χ^2/NDF : 294996.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1128.624+/-0.357 χ^2/NDF : 623870.9/11

eigen_dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2277.548+/-480.281 χ^2/NDF : 1.7/4

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

Right Out: 1741.133+/-467.323 χ^2/NDF : 1.7/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

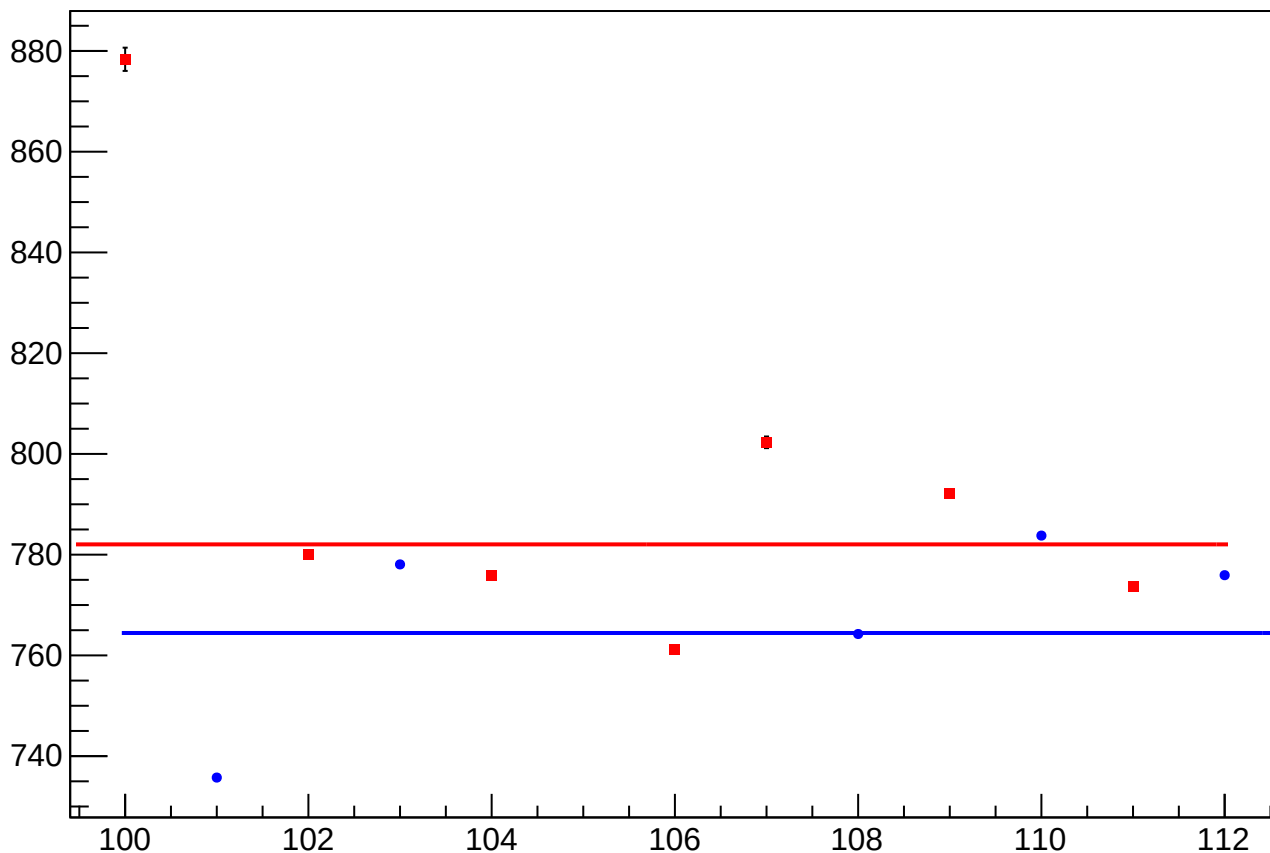
Right: 2002.006+/-334.935 χ^2/NDF : 4.0/11

In: 2277.548+/-480.281 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2002.006+/-334.935 χ^2/NDF : 4.0/11

eigen_dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 764.450+/-0.340 χ^2/NDF : 3049.3/4

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

Right Out: 782.040+/-0.330 χ^2/NDF : 2895.4/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

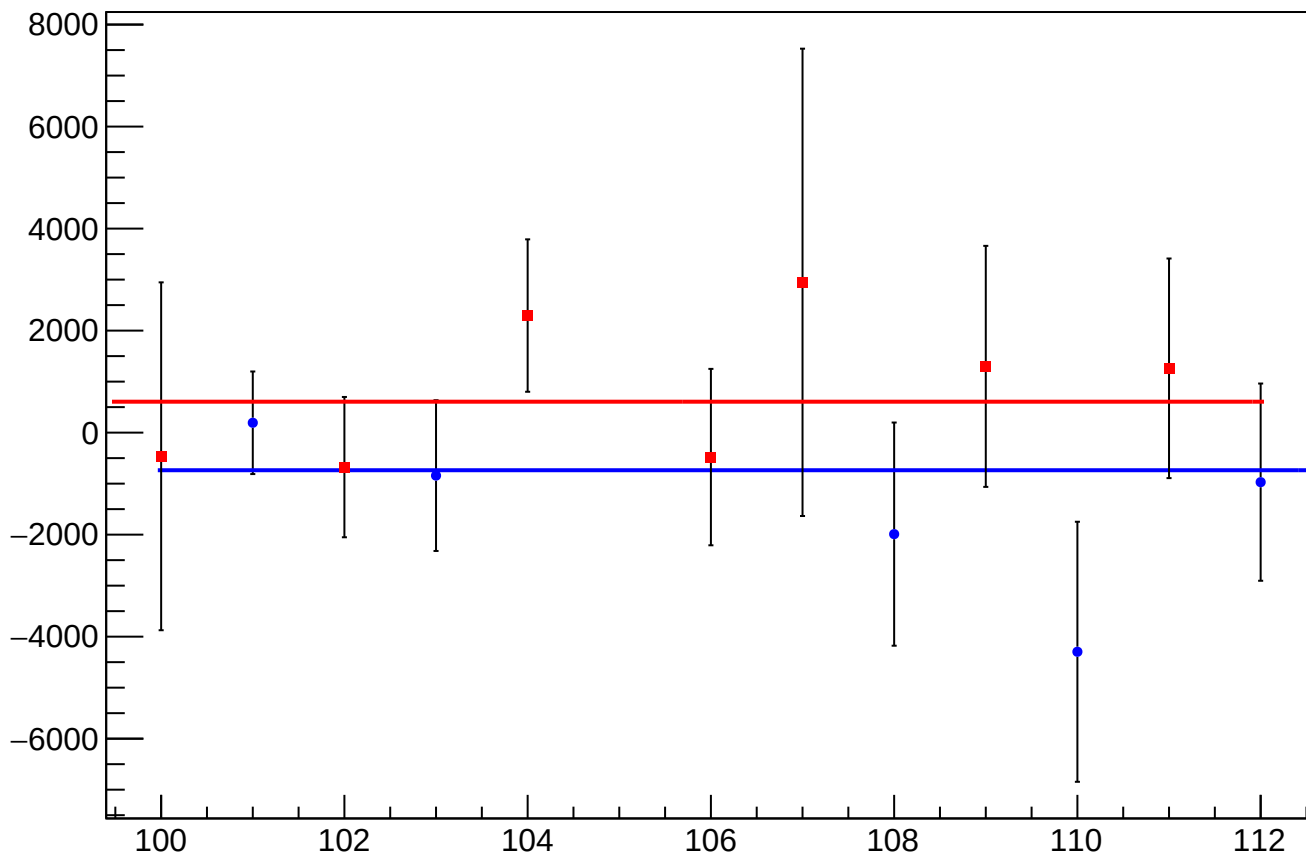
Right: 773.486+/-0.237 χ^2/NDF : 7322.9/11

In: 764.450+/-0.340 χ^2/NDF : 3049.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 773.486+/-0.237 χ^2/NDF : 7322.9/11

asym_us_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -737.220+/-693.813 χ^2/NDF : 3.2/4

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

Right Out: 606.428+/-737.286 χ^2/NDF : 3.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

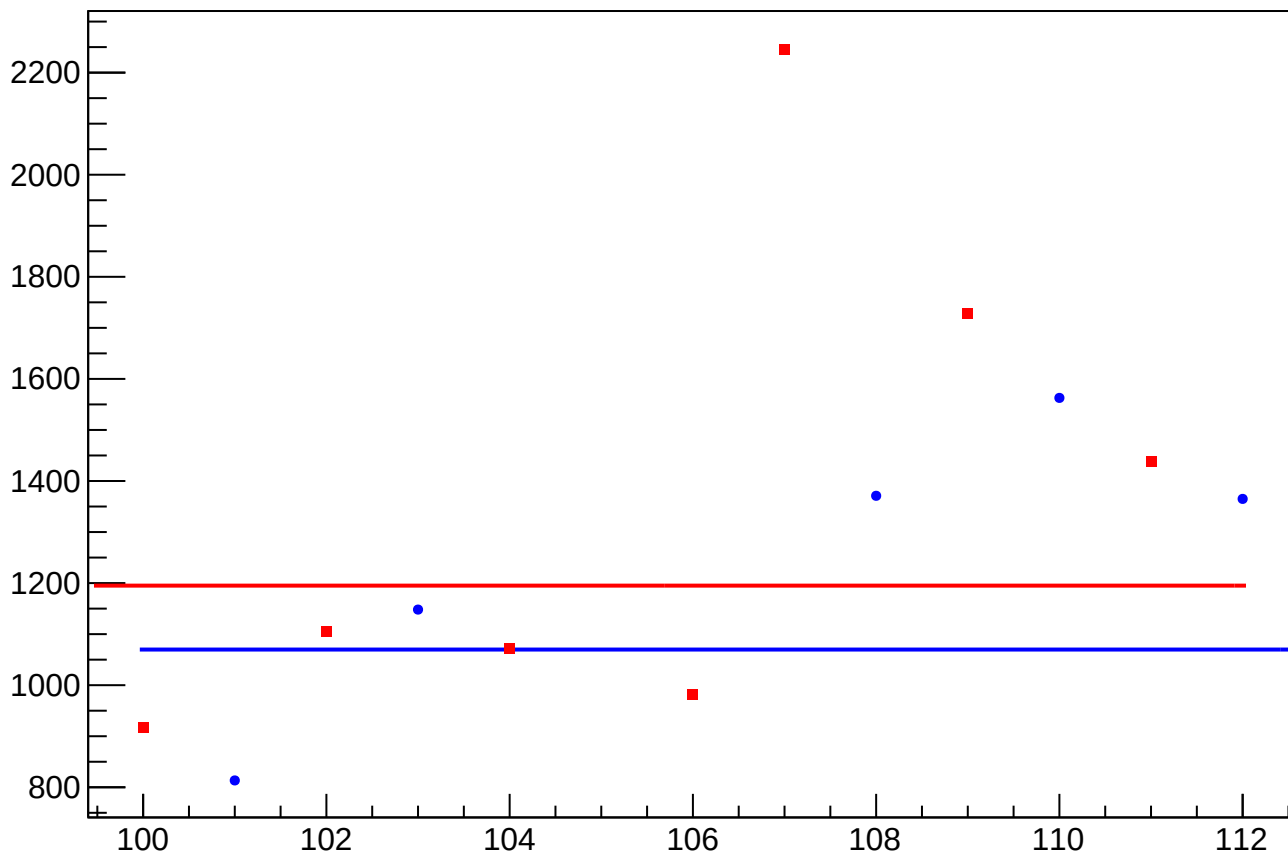
Right: -106.175+/-505.270 χ^2/NDF : 8.0/11

In: -737.220+/-693.813 χ^2/NDF : 3.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -106.175+/-505.270 χ^2/NDF : 8.0/11

asym_us_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1069.806+/-0.491 χ^2 /NDF: 294994.4/4

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

Right Out: 1195.039+/-0.521 χ^2 /NDF: 298270.2/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

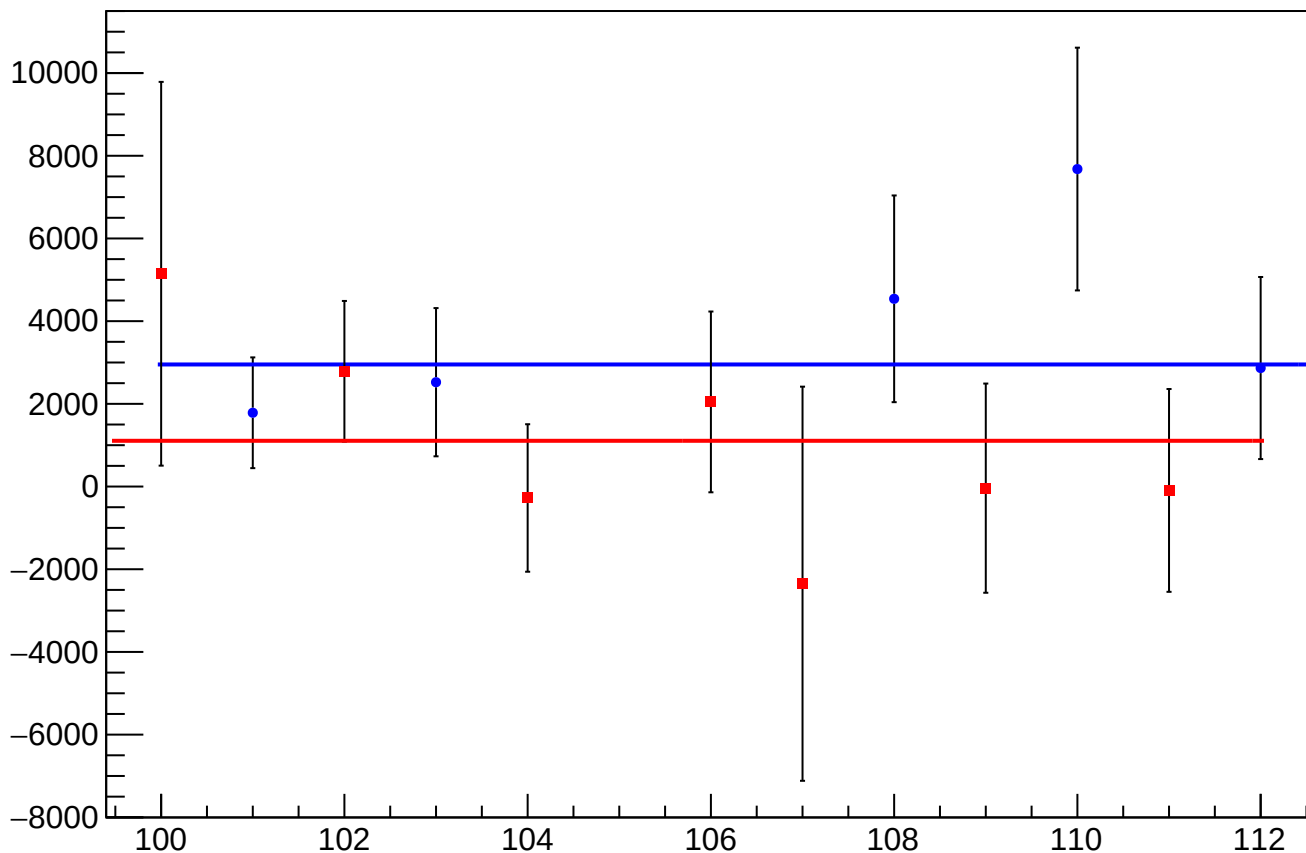
Right: 1128.622+/-0.357 χ^2 /NDF: 623867.4/11

In: 1069.806+/-0.491 χ^2 /NDF:294994.4/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1128.622+/-0.357 χ^2 /NDF: 623867.4/11

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2952.469+/-860.326 χ^2/NDF : 3.8/4

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

Right Out: 1106.421+/-883.137 χ^2/NDF : 3.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

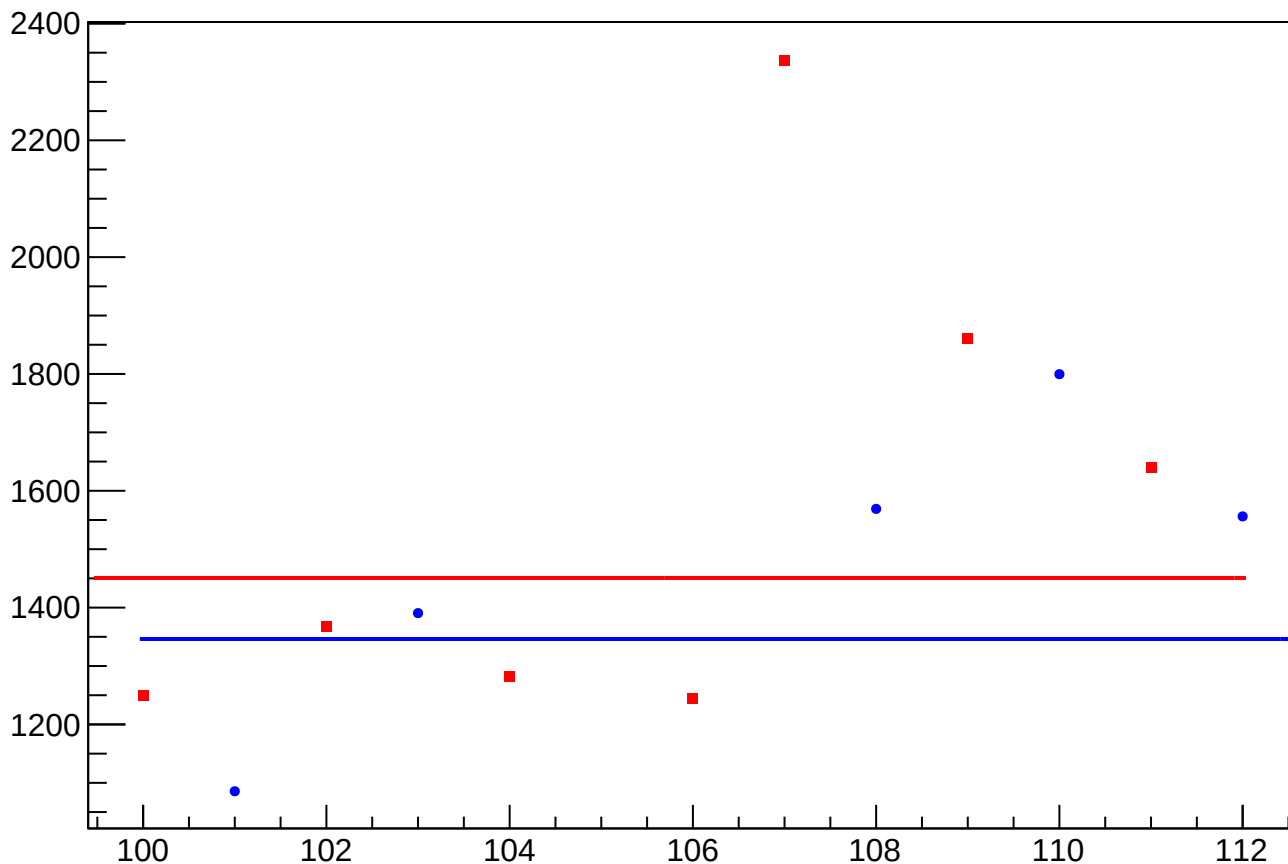
Right: 2053.595+/-616.249 χ^2/NDF : 9.5/11

In: 2952.469+/-860.326 χ^2/NDF : 3.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2053.595+/-616.249 χ^2/NDF : 9.5/11

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1346.284+/-0.608 χ^2/NDF : 158722.1/4

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

Right Out: 1450.744+/-0.624 χ^2/NDF : 177586.8/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

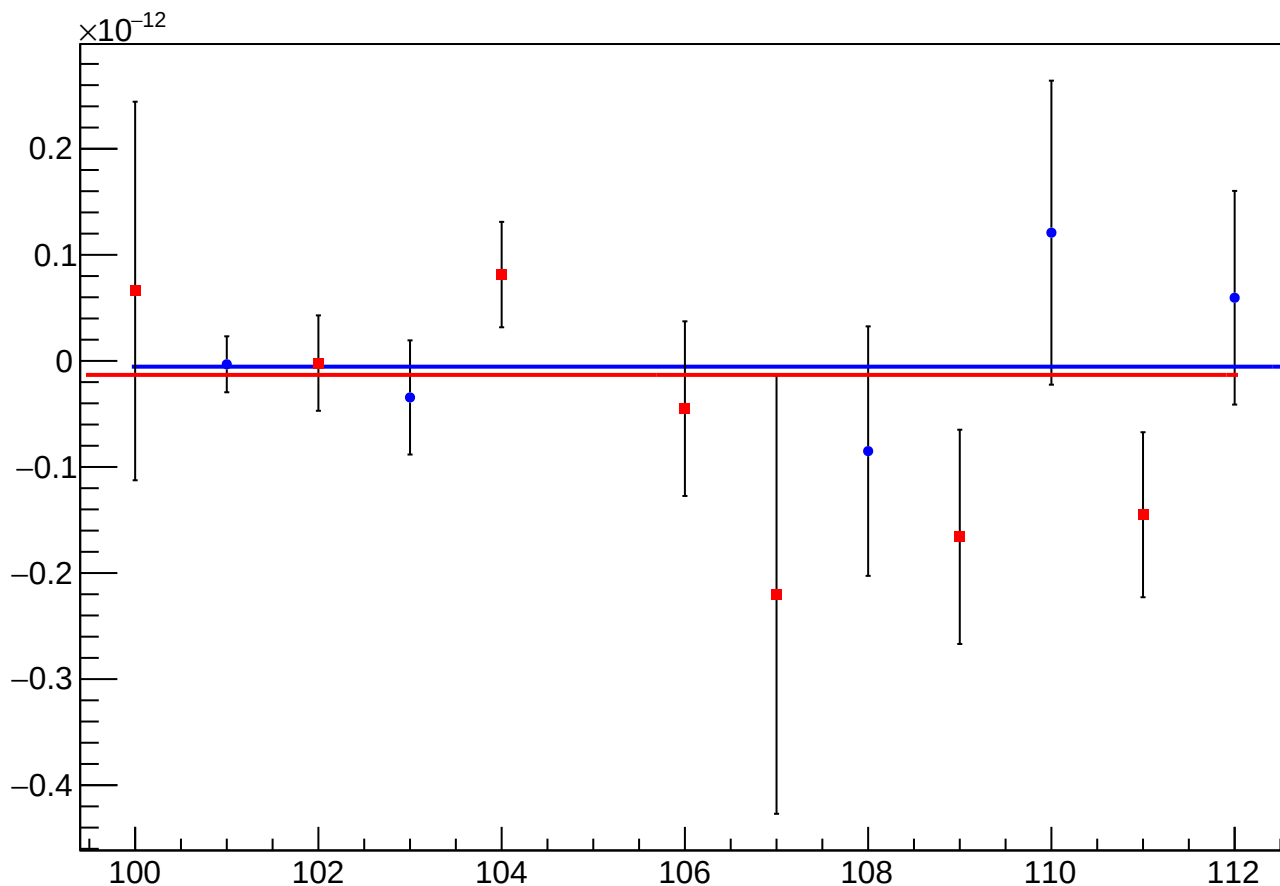
Right: 1397.147+/-0.436 χ^2/NDF : 350665.7/11

In: 1346.284+/-0.608 χ^2/NDF : 158722.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1397.147+/-0.436 χ^2/NDF : 350665.7/11

asym_us_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.9/4

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

Right Out: -0.000+/-0.000 χ^2/NDF : 10.2/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

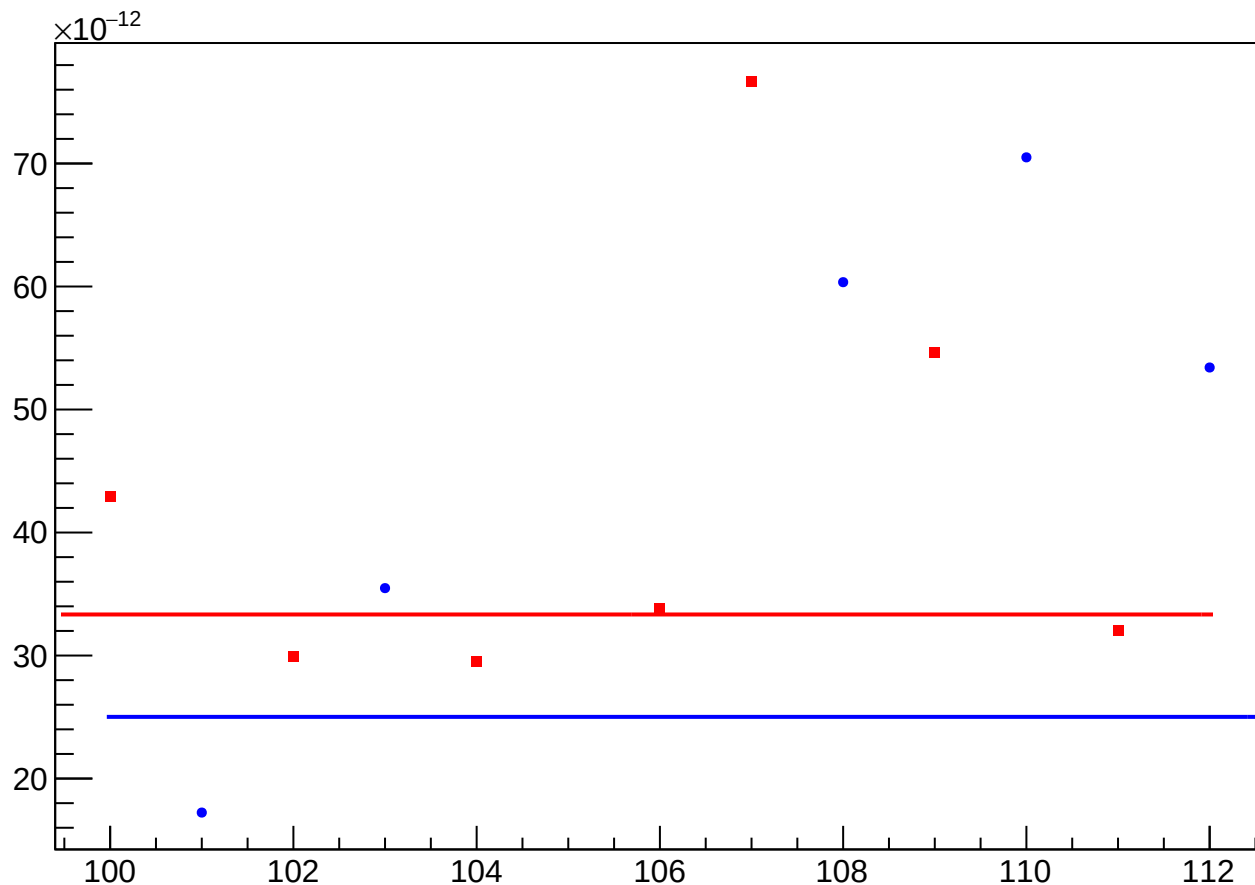
Right: -0.000+/-0.000 χ^2/NDF : 12.2/11

In: -0.000+/-0.000 χ^2/NDF : 1.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.2/11

asym_us_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 790605.7/4

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

Right Out: 0.000+/-0.000 χ^2/NDF : 206713.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

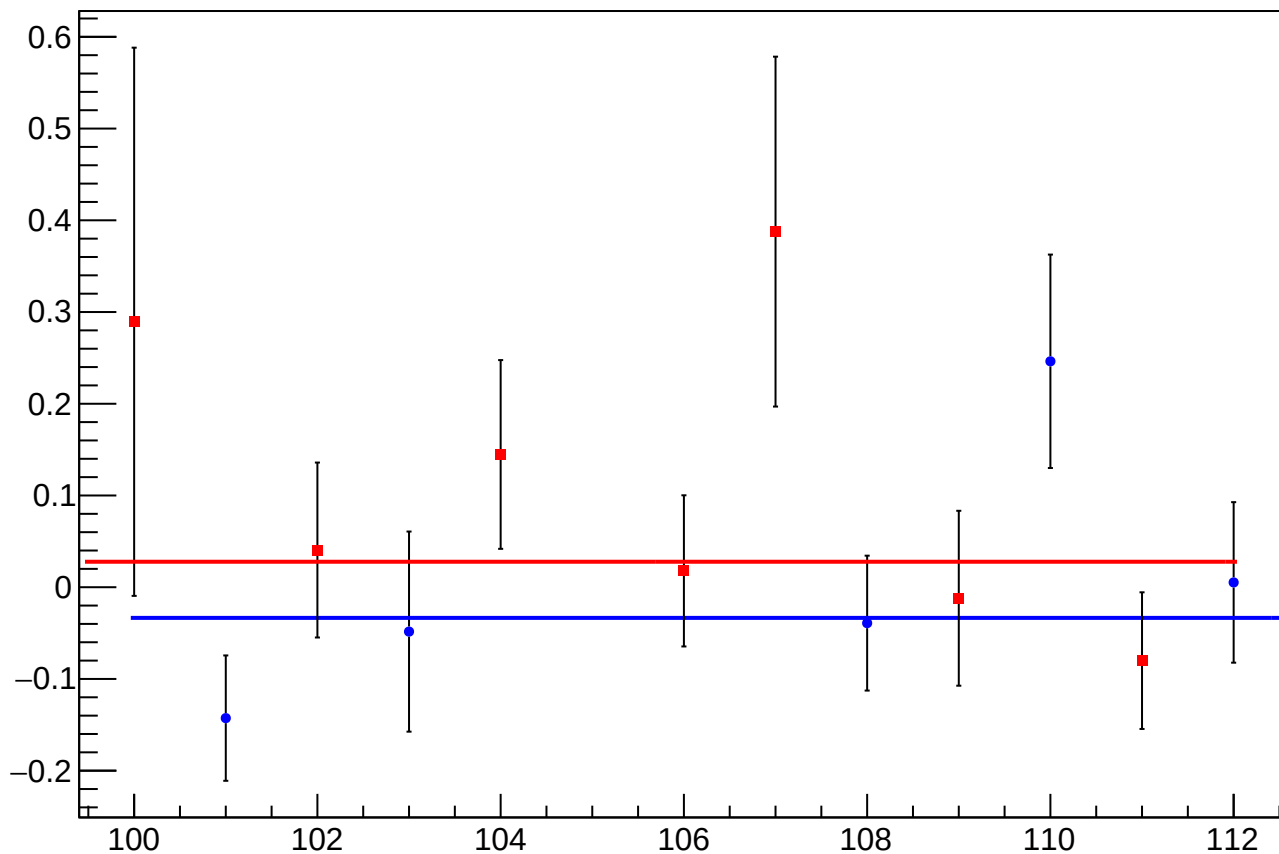
Right: 0.000+/-0.000 χ^2/NDF : 1109794.0/11

In: 0.000+/-0.000 χ^2/NDF : 790605.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1109794.0/11

asym_us_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.033 $\pm$ 0.038 χ^2 /NDF: 8.6/4

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

Right Out: 0.028 $\pm$ 0.038 χ^2 /NDF: 7.9/6

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

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

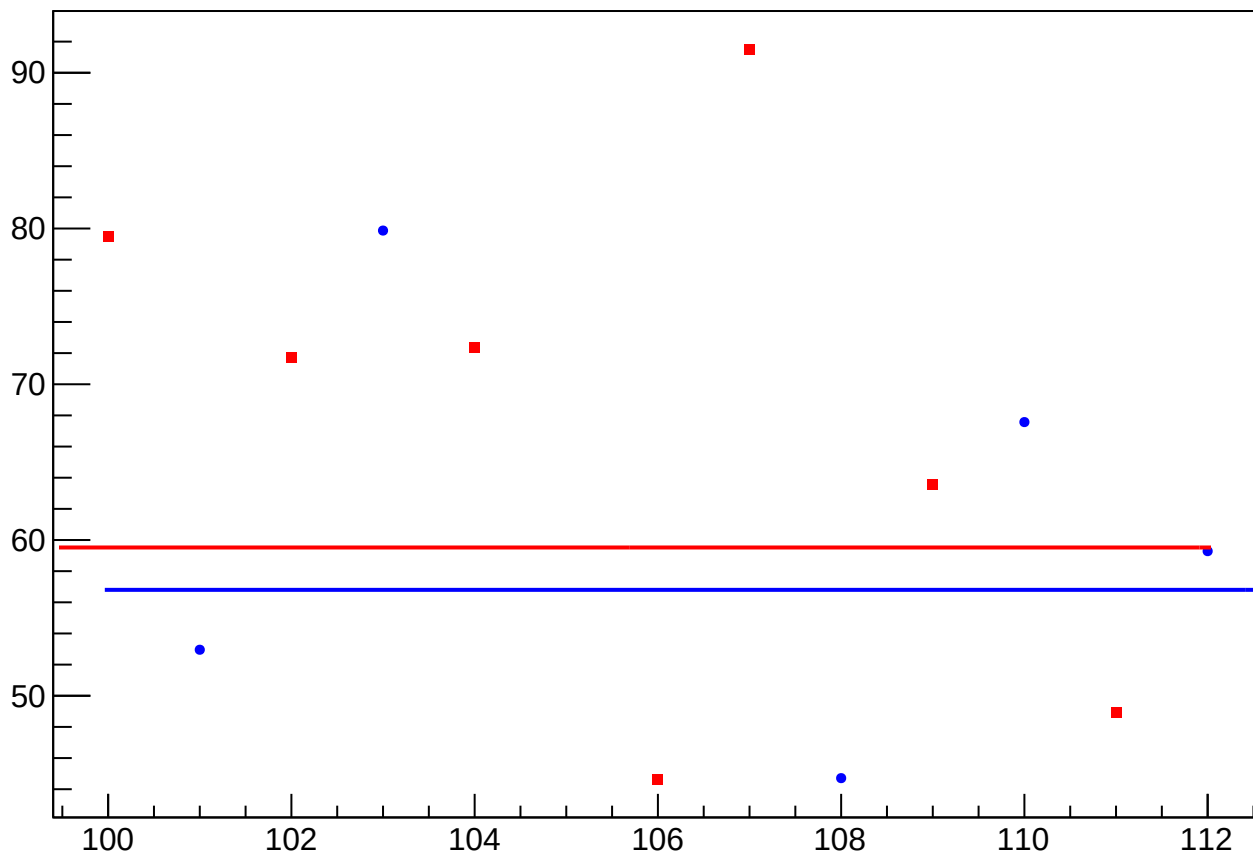
Right: -0.003 $\pm$ 0.027 χ^2 /NDF: 17.8/11

In: -0.033 $\pm$ 0.038 χ^2 /NDF:8.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.003 $\pm$ 0.027 χ^2 /NDF: 17.8/11

asym_us_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.800+/-0.027 χ^2/NDF : 168595.4/4

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

Right Out: 59.520+/-0.027 χ^2/NDF : 238327.9/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

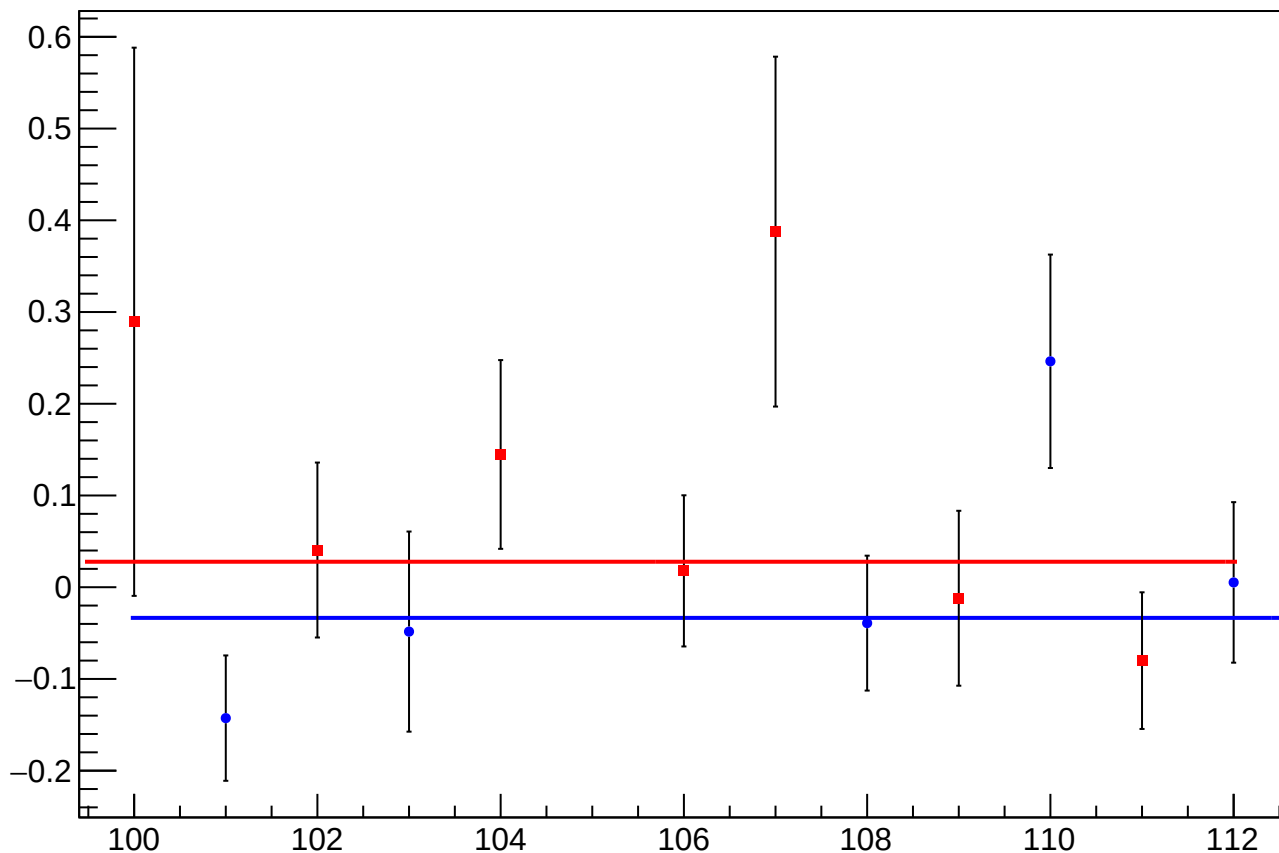
Right: 58.153+/-0.019 χ^2/NDF : 411985.4/11

In: 56.800+/-0.027 χ^2/NDF : 168595.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.153+/-0.019 χ^2/NDF : 411985.4/11

asym_us_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.033+/-0.038 χ^2/NDF : 8.6/4

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

Right Out: 0.028+/-0.038 χ^2/NDF : 7.9/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

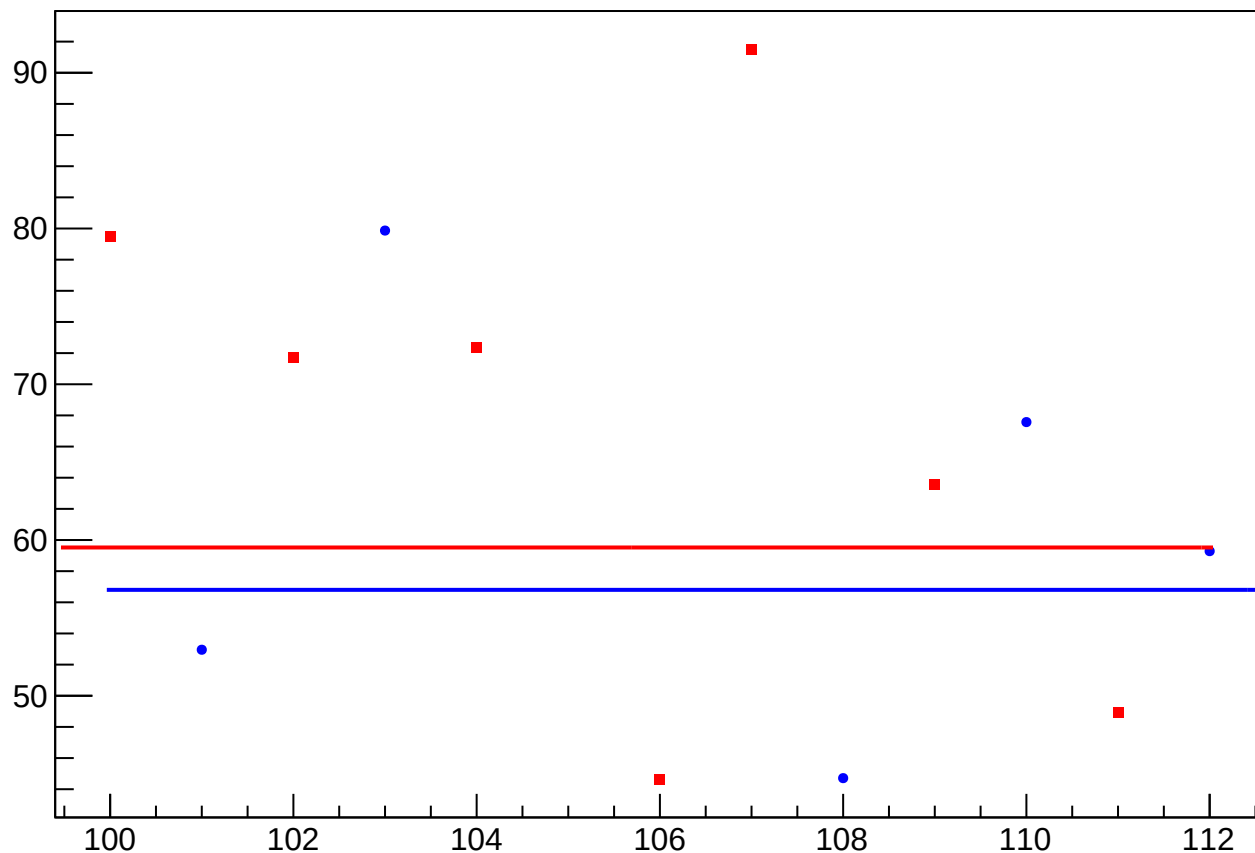
Right: -0.003+/-0.027 χ^2/NDF : 17.8/11

In: -0.033+/-0.038 χ^2/NDF :8.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.003+/-0.027 χ^2/NDF : 17.8/11

asym_us_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.800+/-0.027 χ^2/NDF : 168595.4/4

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

Right Out: 59.520+/-0.027 χ^2/NDF : 238327.9/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

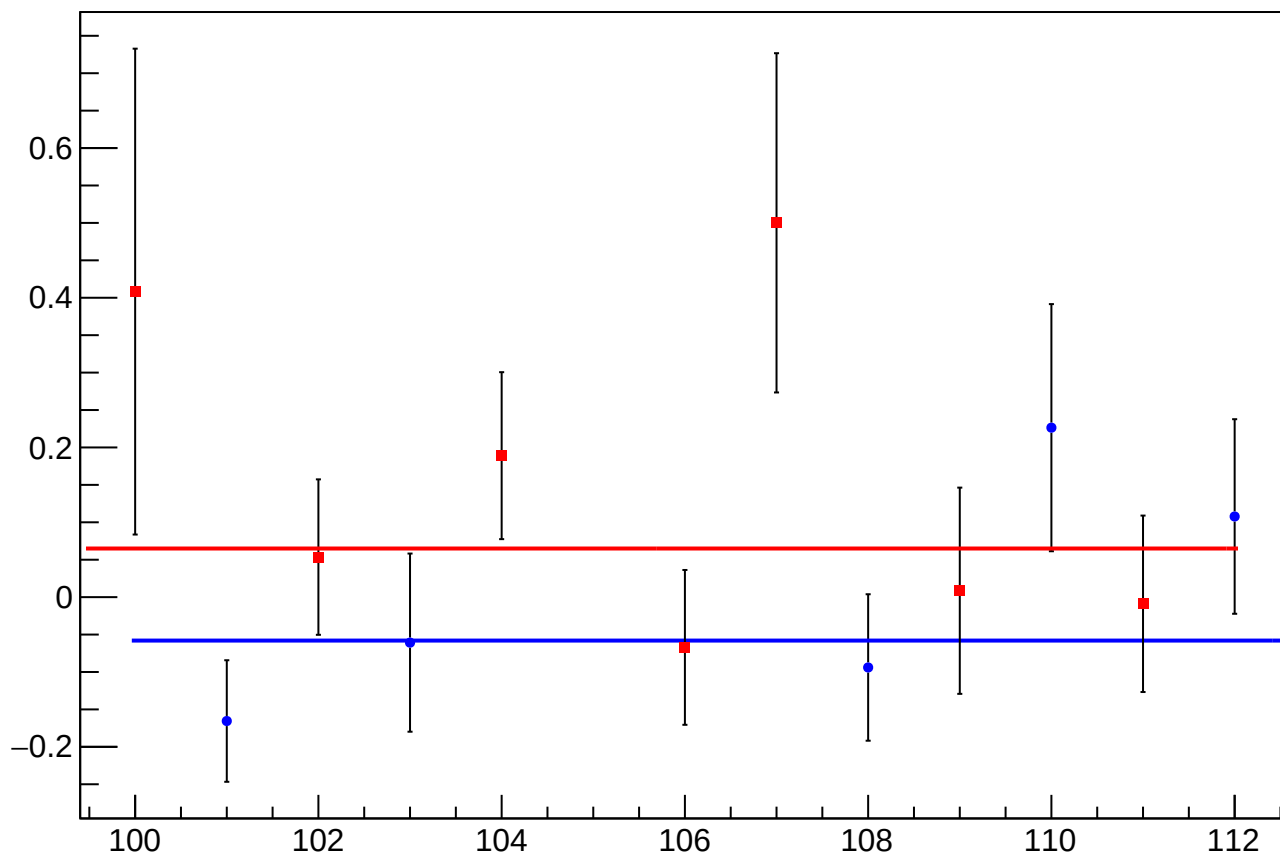
Right: 58.153+/-0.019 χ^2/NDF : 411985.4/11

In: 56.800+/-0.027 χ^2/NDF :168595.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 58.153+/-0.019 χ^2/NDF : 411985.4/11

asym_us_avg_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.058+/-0.049 χ^2/NDF : 6.5/4

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

Right Out: 0.065+/-0.049 χ^2/NDF : 8.2/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

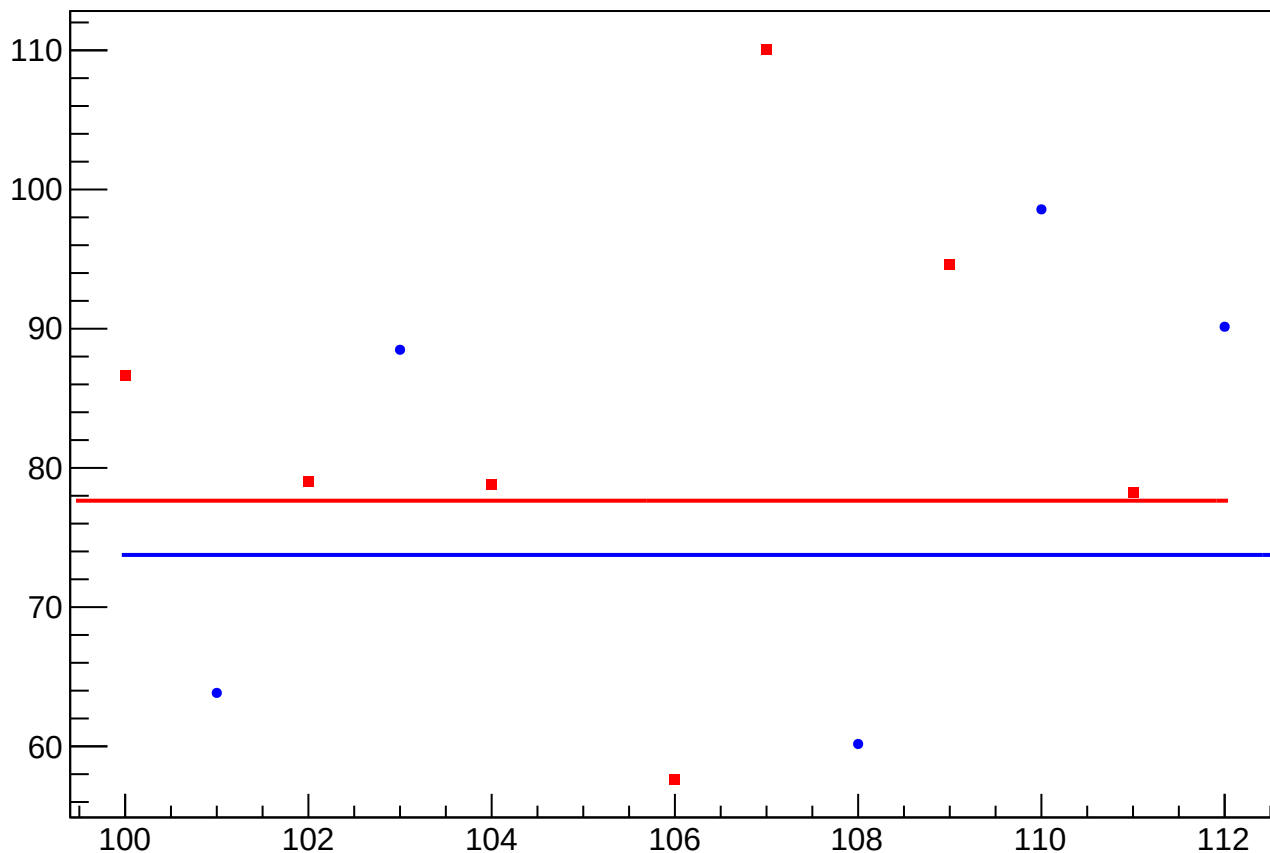
Right: 0.003+/-0.034 χ^2/NDF : 17.9/11

In: -0.058+/-0.049 χ^2/NDF : 6.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.034 χ^2/NDF : 17.9/11

asym_us_avg_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.750+/-0.034 χ^2/NDF : 176012.7/4

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

Right Out: 77.646+/-0.034 χ^2/NDF : 148440.3/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

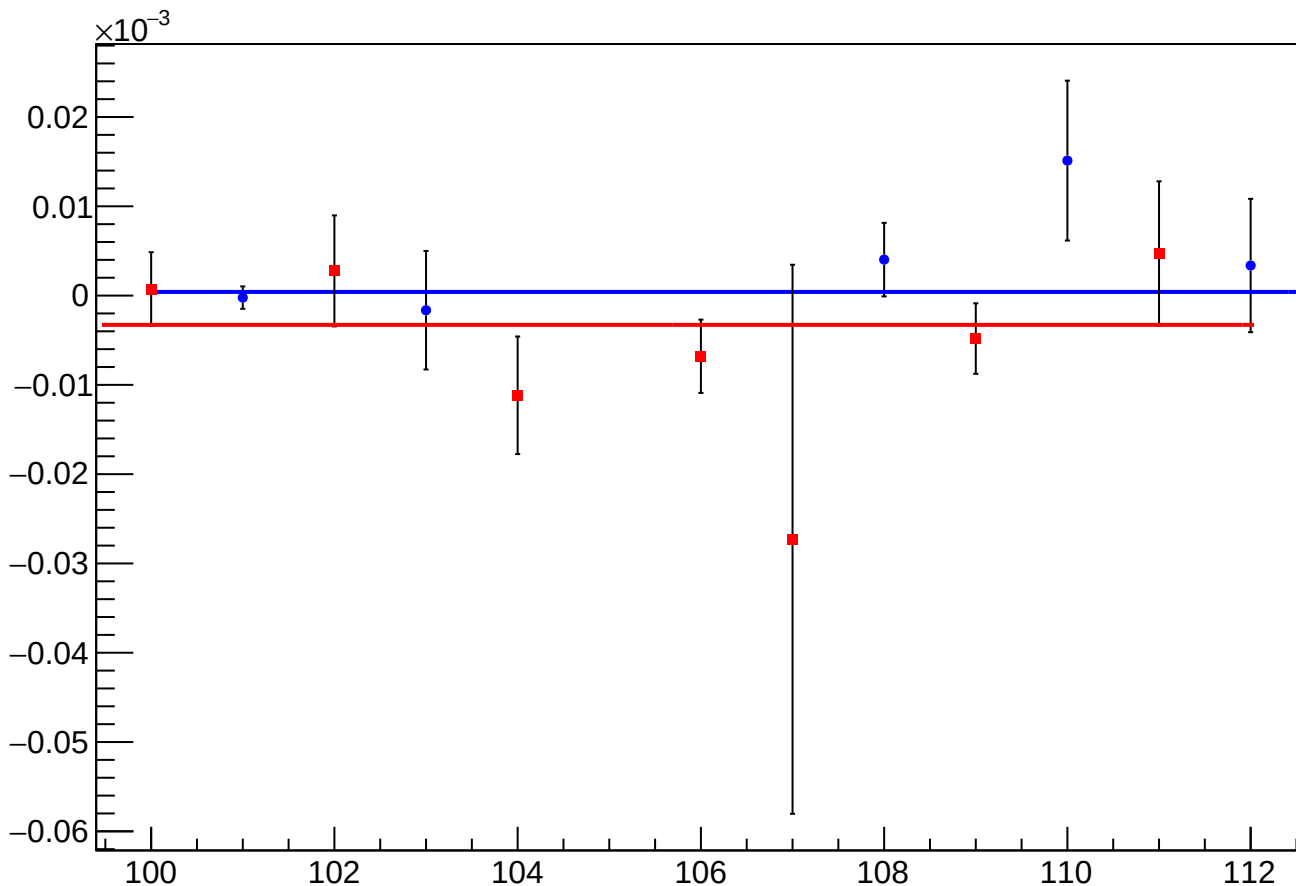
Right: 75.692+/-0.024 χ^2/NDF : 330848.7/11

In: 73.750+/-0.034 χ^2/NDF : 176012.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.692+/-0.024 χ^2/NDF : 330848.7/11

asym_us_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.0/4

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

Right Out: -0.000+/-0.000 χ^2/NDF : 5.8/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

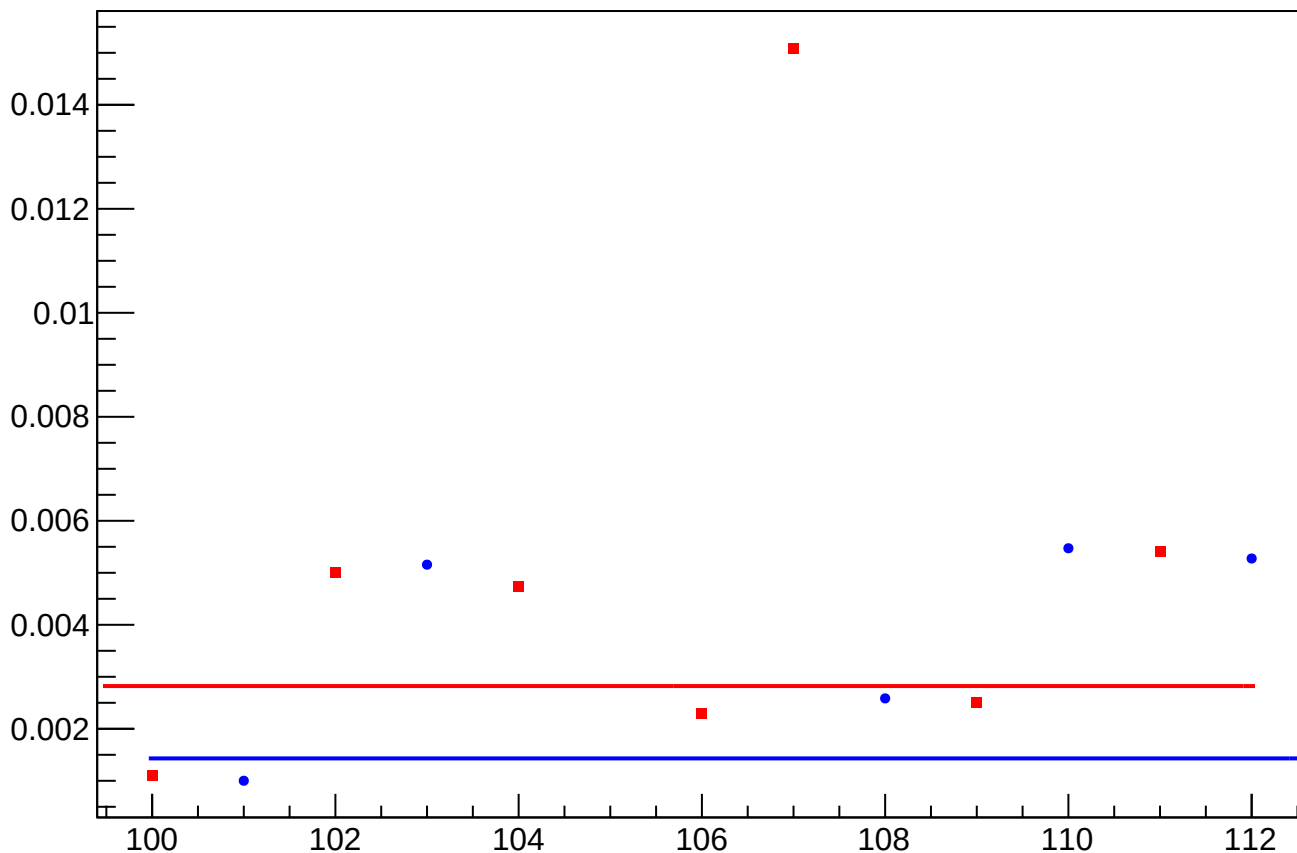
Right: -0.000+/-0.000 χ^2/NDF : 12.3/11

In: 0.000+/-0.000 χ^2/NDF : 4.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.3/11

asym_us_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1958623.5/4

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

Right Out: 0.003+/-0.000 χ^2/NDF : 1326456.4/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

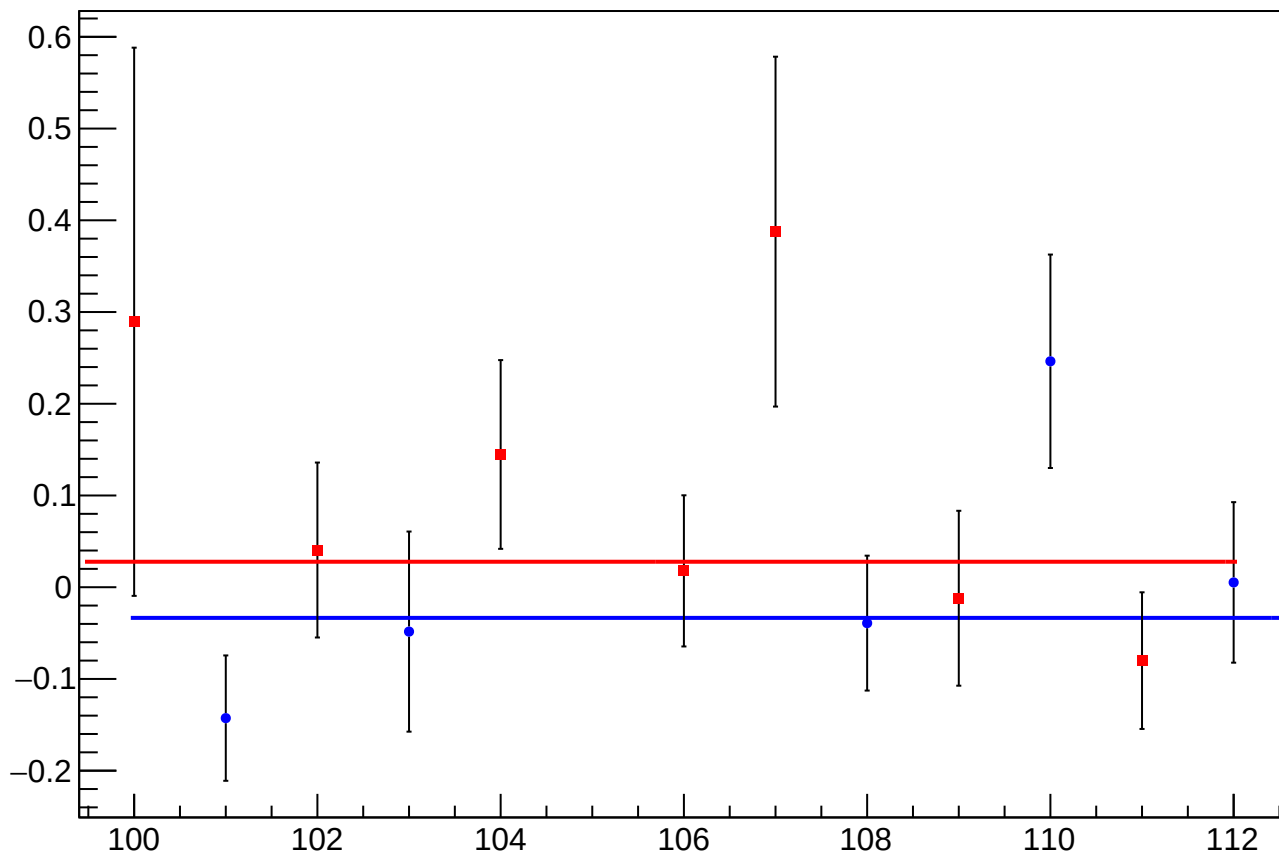
Right: 0.002+/-0.000 χ^2/NDF : 4004417.0/11

In: 0.001+/-0.000 χ^2/NDF : 1958623.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4004417.0/11

asym_us_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.033+/-0.038 χ^2/NDF : 8.6/4

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

Right Out: 0.028+/-0.038 χ^2/NDF : 7.9/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

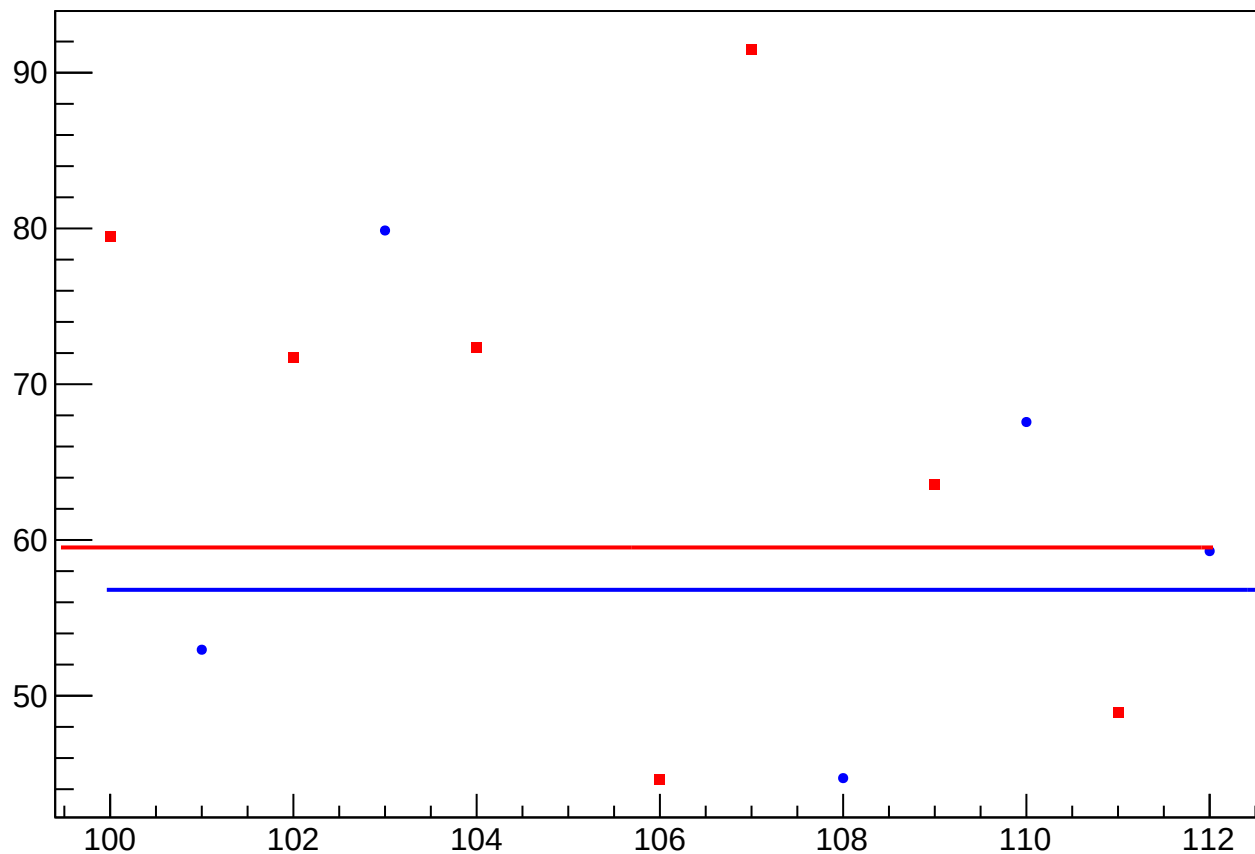
Right: -0.003+/-0.027 χ^2/NDF : 17.8/11

In: -0.033+/-0.038 χ^2/NDF :8.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.003+/-0.027 χ^2/NDF : 17.8/11

asym_us_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.800+/-0.027 χ^2/NDF : 168606.7/4

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

Right Out: 59.520+/-0.027 χ^2/NDF : 238325.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

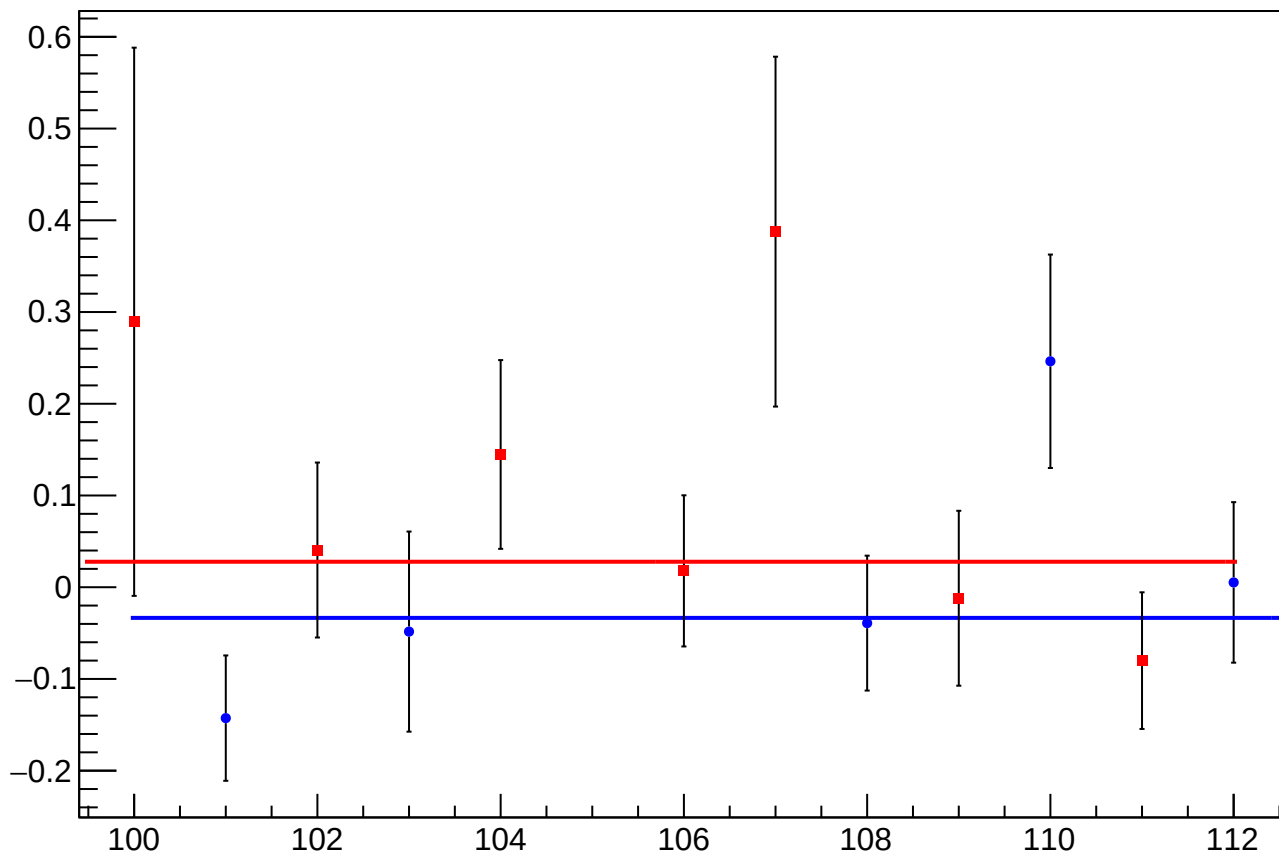
Right: 58.153+/-0.019 χ^2/NDF : 411993.1/11

In: 56.800+/-0.027 χ^2/NDF : 168606.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.153+/-0.019 χ^2/NDF : 411993.1/11

asym_us_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.033+/-0.038 χ^2/NDF : 8.6/4

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

Right Out: 0.028+/-0.038 χ^2/NDF : 7.9/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

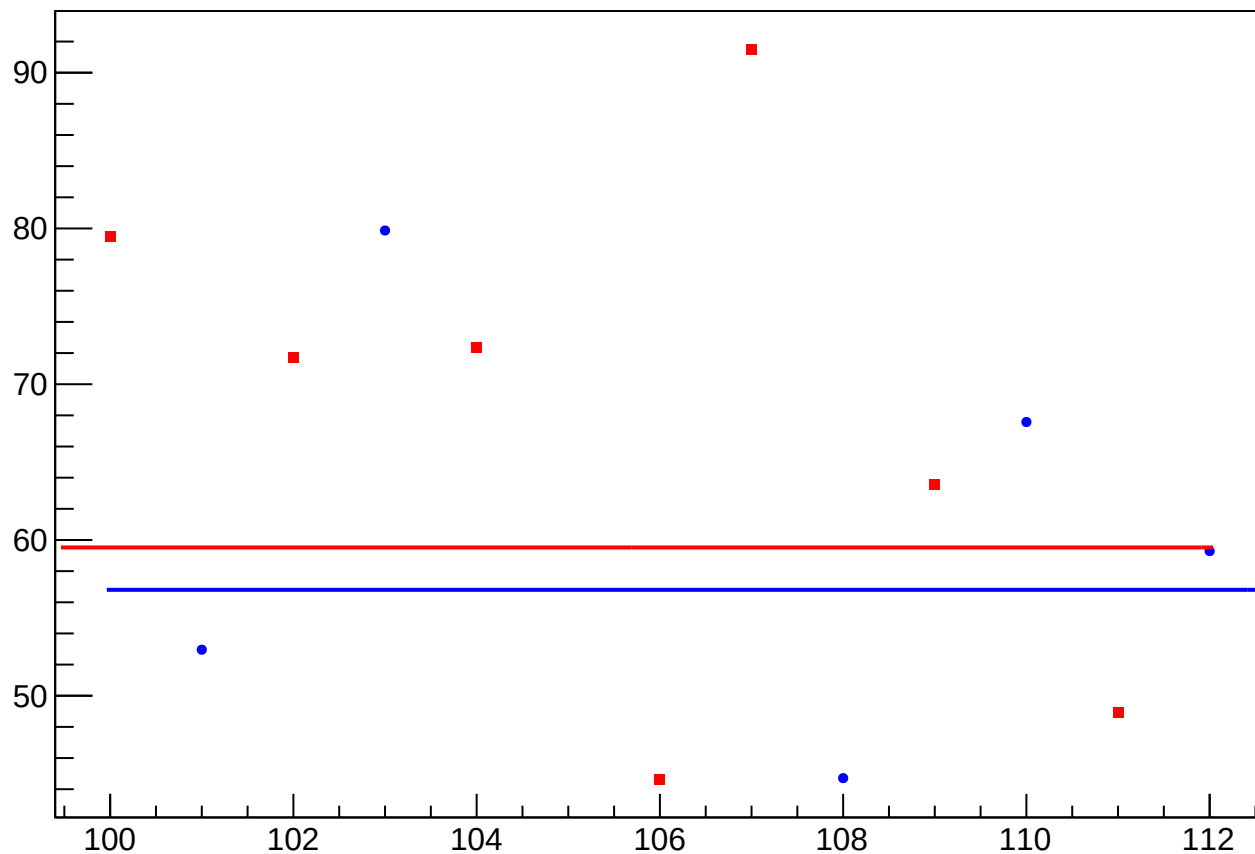
Right: -0.003+/-0.027 χ^2/NDF : 17.8/11

In: -0.033+/-0.038 χ^2/NDF : 8.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.003+/-0.027 χ^2/NDF : 17.8/11

asym_us_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.800+/-0.027 χ^2/NDF : 168606.7/4

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

Right Out: 59.520+/-0.027 χ^2/NDF : 238325.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

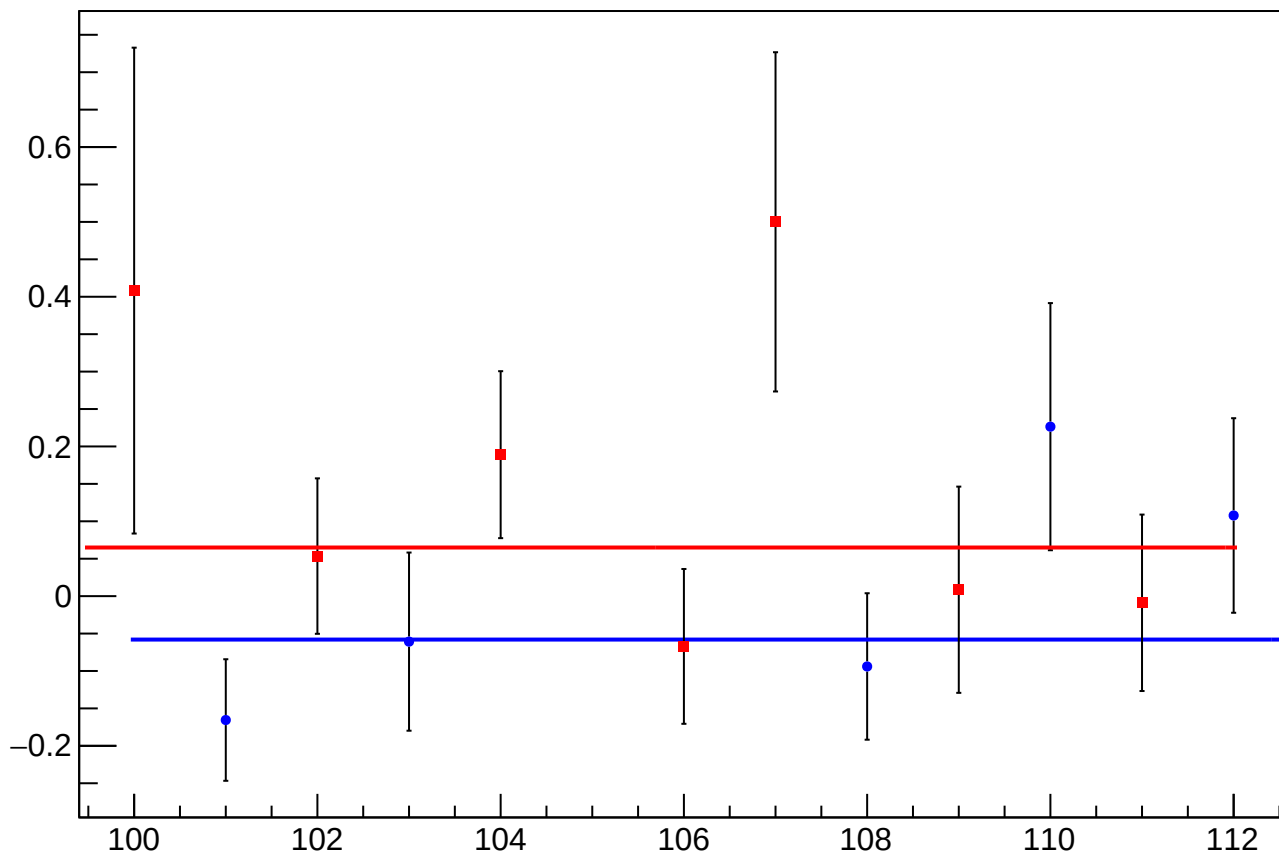
Right: 58.153+/-0.019 χ^2/NDF : 411993.1/11

In: 56.800+/-0.027 χ^2/NDF : 168606.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.153+/-0.019 χ^2/NDF : 411993.1/11

asym_us_avg_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.058 ± 0.049 χ^2/NDF : 6.5/4

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

Right Out: 0.065 ± 0.049 χ^2/NDF : 8.2/6

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

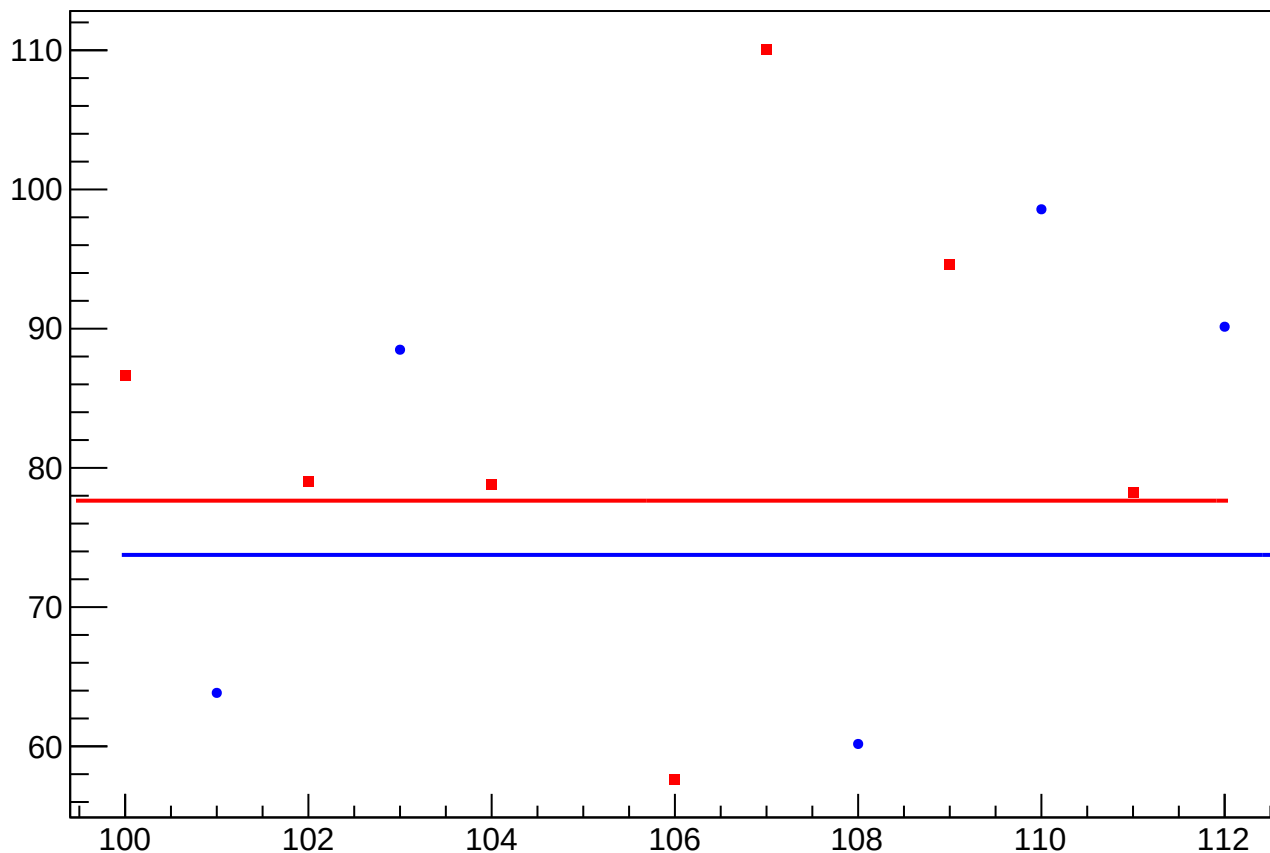
Right: 0.003 ± 0.034 χ^2/NDF : 17.9/11

In: -0.058 ± 0.049 χ^2/NDF : 6.5/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.003 ± 0.034 χ^2/NDF : 17.9/11

asym_us_avg_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.750+/-0.034 χ^2/NDF : 176018.3/4

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

Right Out: 77.645+/-0.034 χ^2/NDF : 148438.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

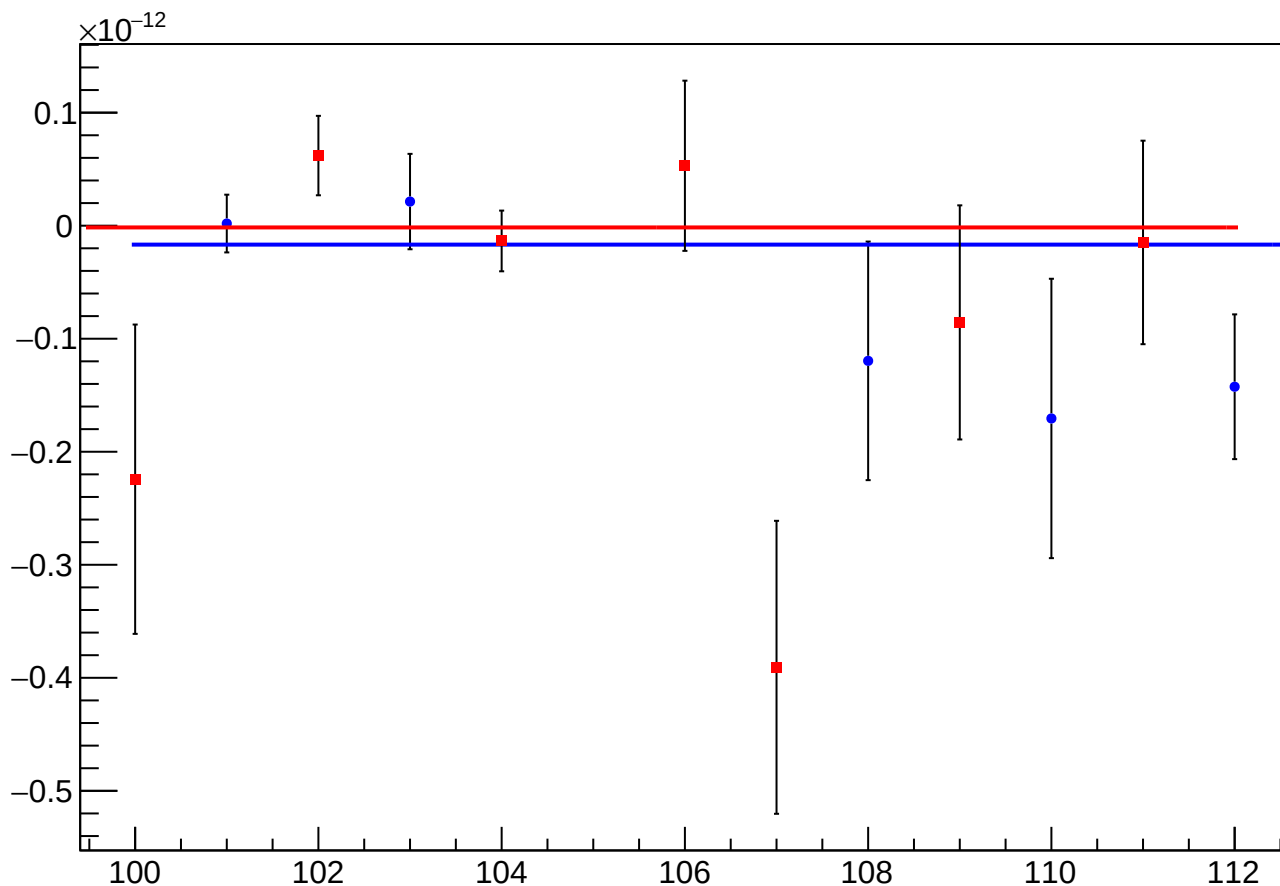
Right: 75.692+/-0.024 χ^2/NDF : 330851.1/11

In: 73.750+/-0.034 χ^2/NDF : 176018.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.692+/-0.024 χ^2/NDF : 330851.1/11

asym_us_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.7/4

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

Right Out: -0.000+/-0.000 χ^2/NDF : 16.3/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

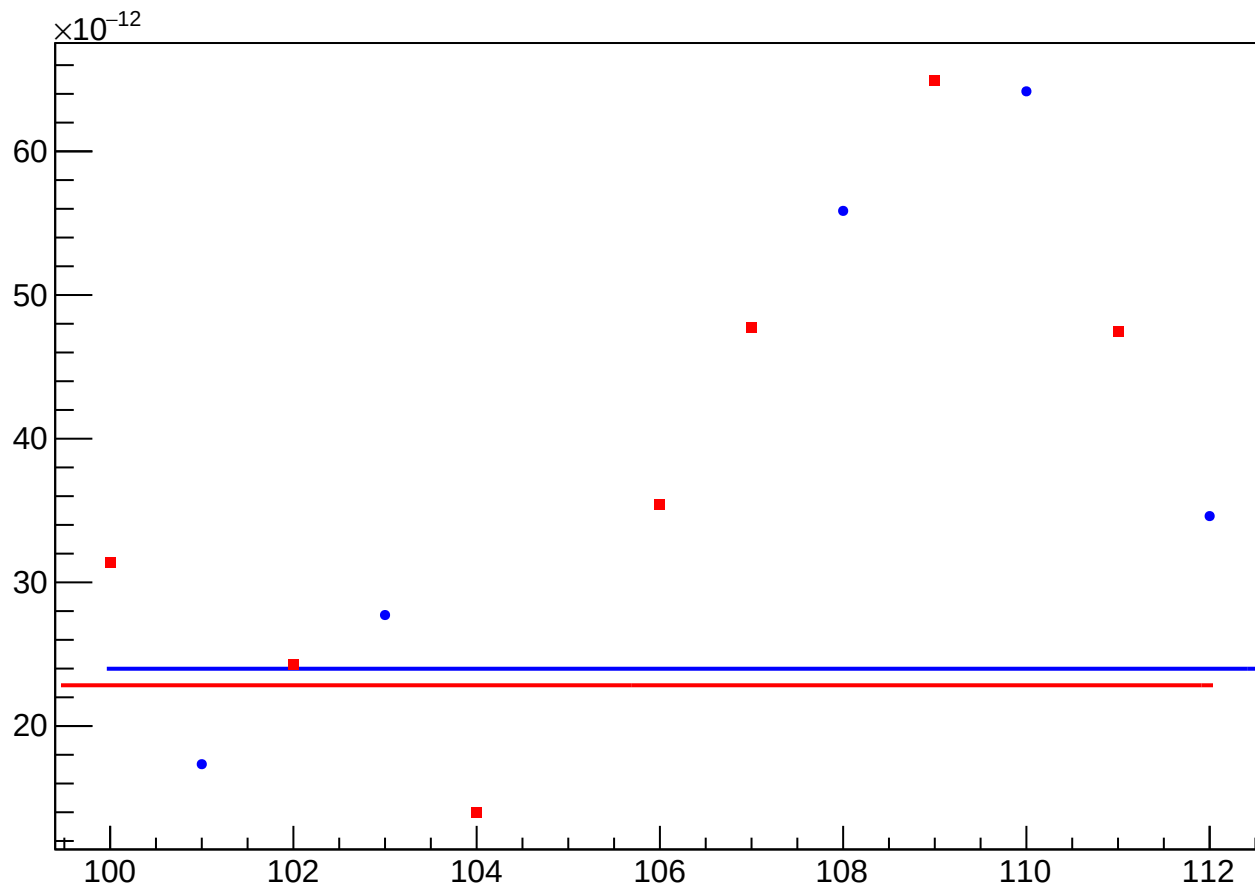
Right: -0.000+/-0.000 χ^2/NDF : 24.3/11

In: -0.000+/-0.000 χ^2/NDF : 7.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.3/11

asym_us_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 599896.7/4

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

Right Out: 0.000+/-0.000 χ^2/NDF : 838399.4/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

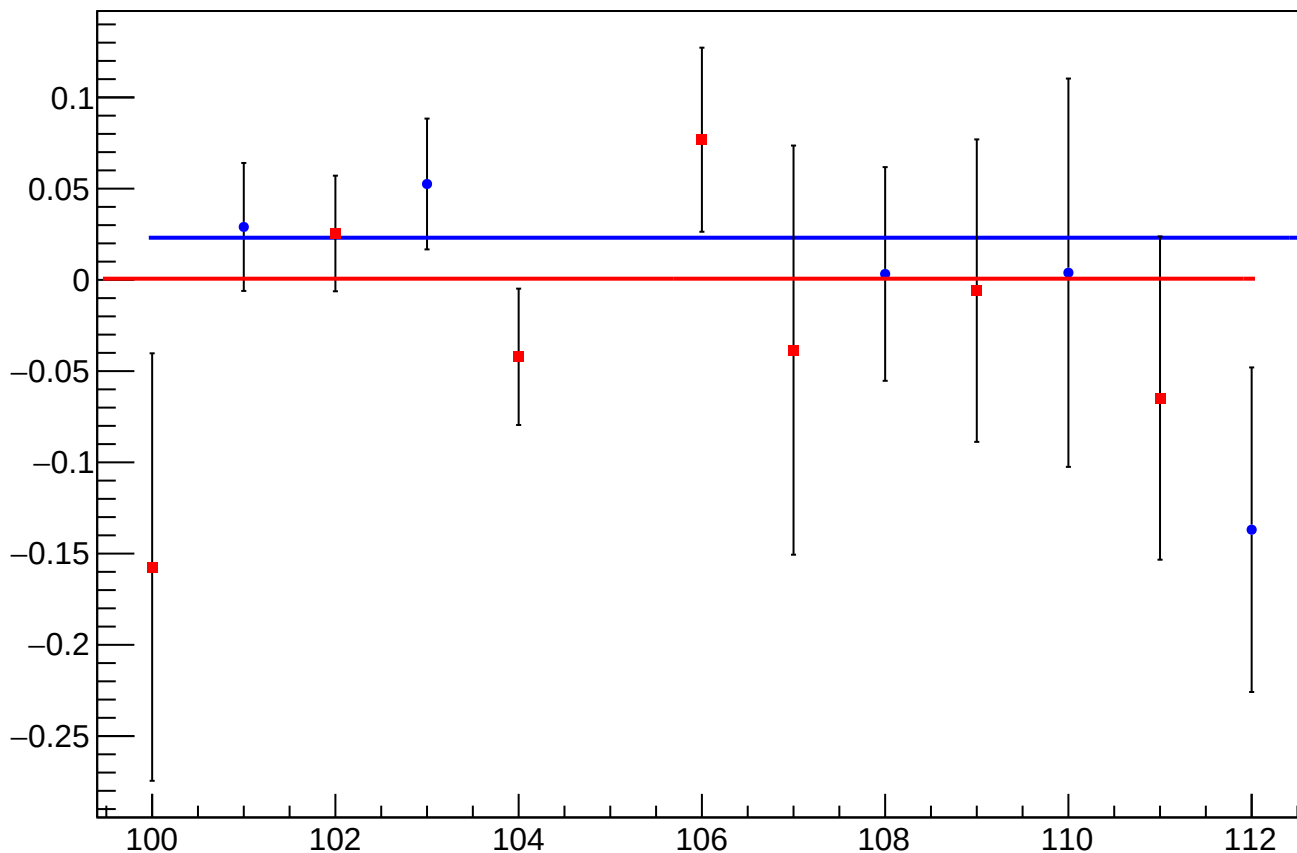
Right: 0.000+/-0.000 χ^2/NDF : 1441733.8/11

In: 0.000+/-0.000 χ^2/NDF : 599896.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1441733.8/11

asym_us_avg_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.022 χ^2/NDF : 4.1/4

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

Right Out: 0.001+/-0.020 χ^2/NDF : 6.7/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

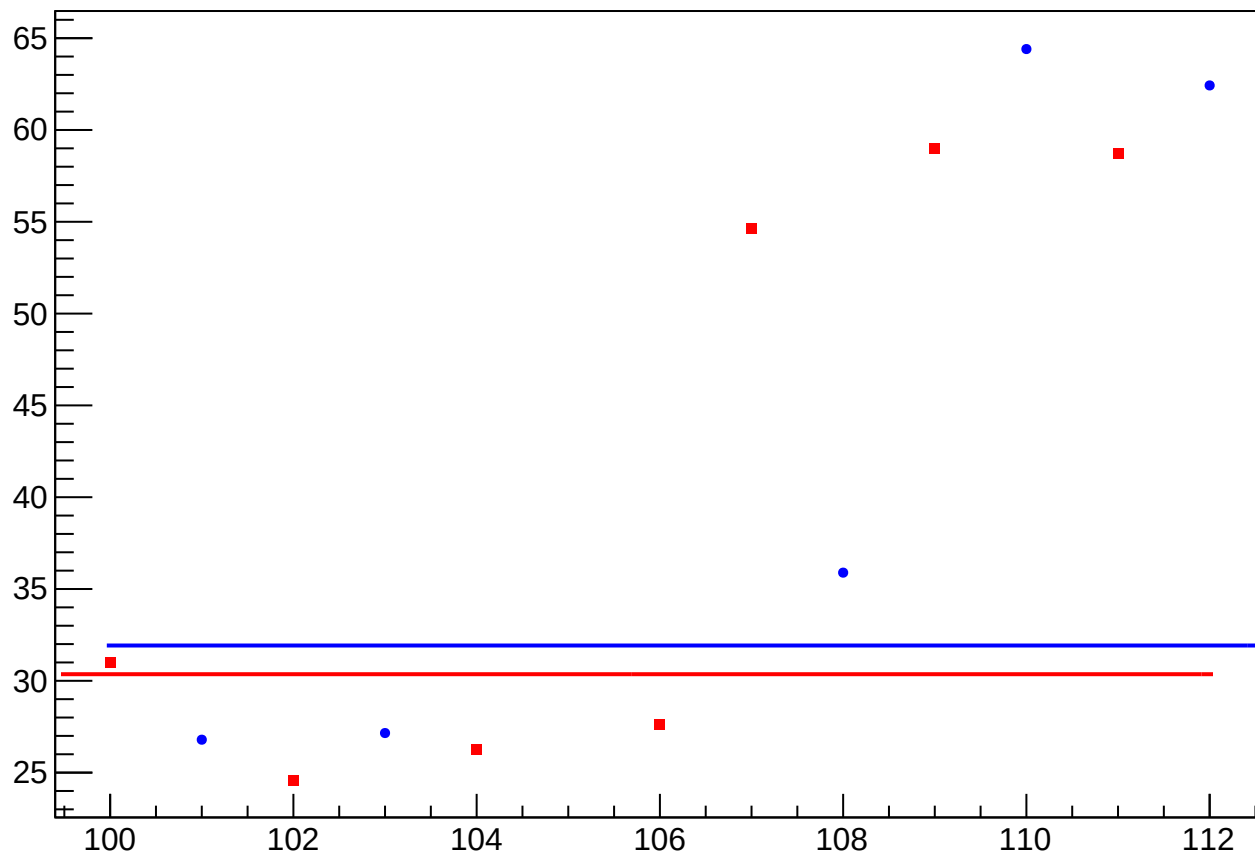
Right: 0.011+/-0.015 χ^2/NDF : 11.4/11

In: 0.023+/-0.022 χ^2/NDF : 4.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.015 χ^2/NDF : 11.4/11

asym_us_avg_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.923+/-0.015 χ^2/NDF : 509100.1/4

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

Right Out: 30.360+/-0.014 χ^2/NDF : 634639.4/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

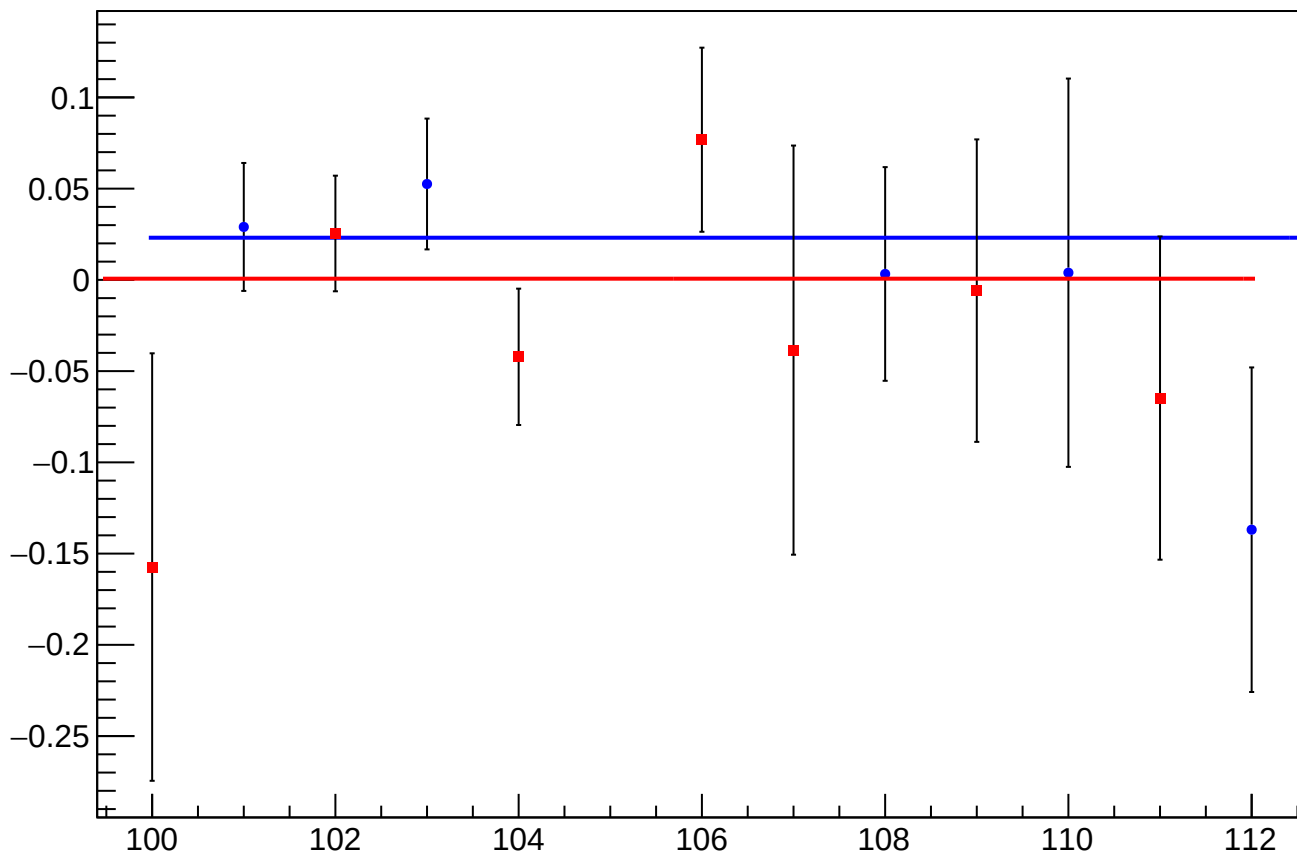
Right: 31.068+/-0.010 χ^2/NDF : 1149343.2/11

In: 31.923+/-0.015 χ^2/NDF :509100.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 31.068+/-0.010 χ^2/NDF : 1149343.2/11

asym_us_avg_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.022 χ^2/NDF : 4.1/4

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

Right Out: 0.001+/-0.020 χ^2/NDF : 6.7/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

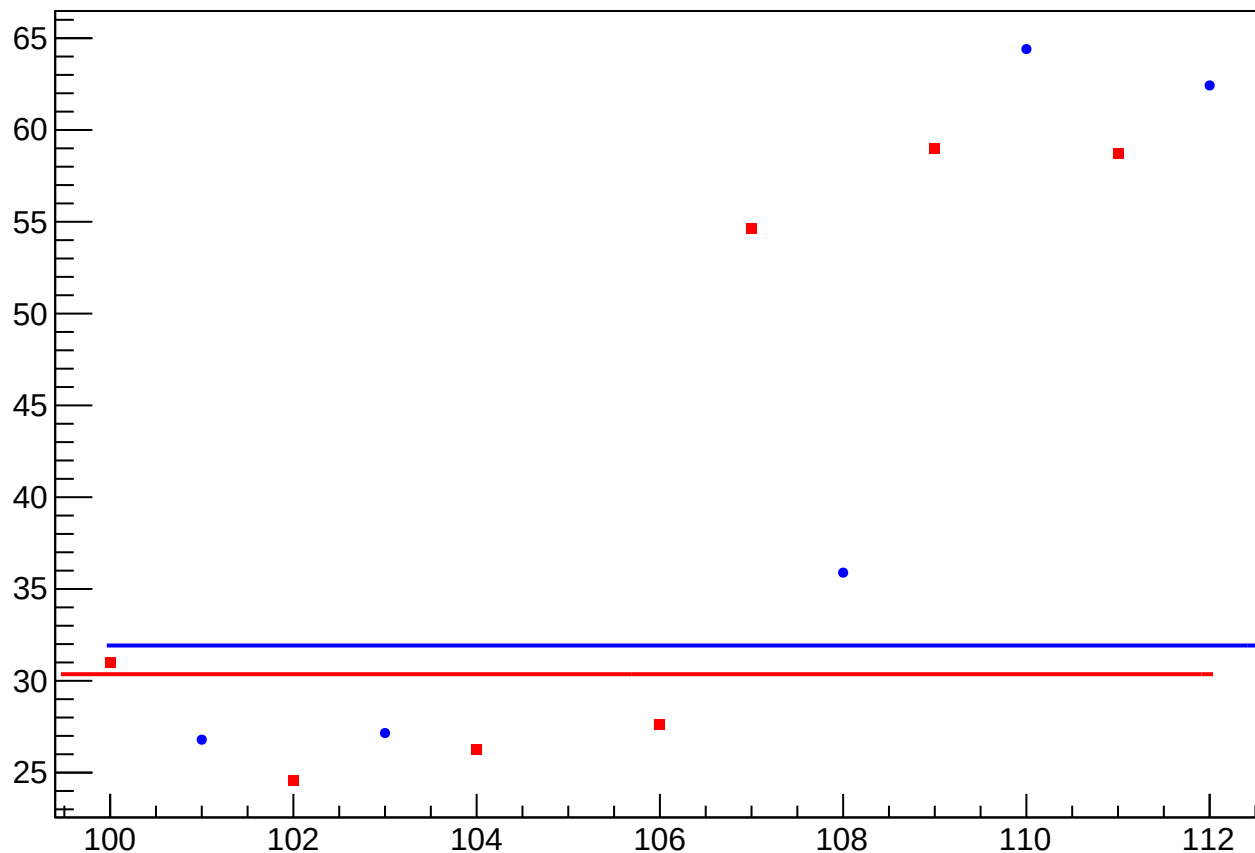
Right: 0.011+/-0.015 χ^2/NDF : 11.4/11

In: 0.023+/-0.022 χ^2/NDF : 4.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.015 χ^2/NDF : 11.4/11

asym_us_avg_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.923+/-0.015 χ^2/NDF : 509100.1/4

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

Right Out: 30.360+/-0.014 χ^2/NDF : 634639.4/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

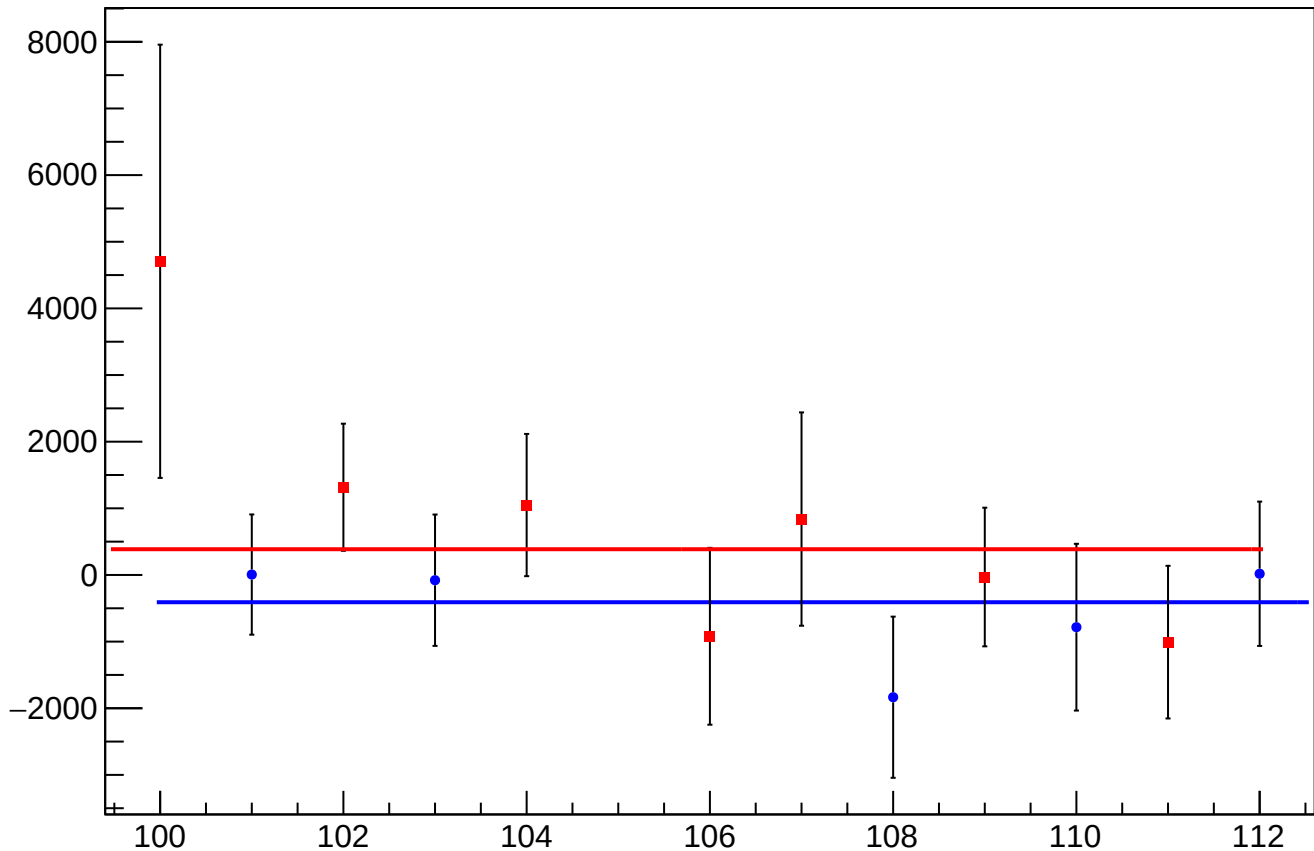
Right: 31.068+/-0.010 χ^2/NDF : 1149343.2/11

In: 31.923+/-0.015 χ^2/NDF : 509100.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.068+/-0.010 χ^2/NDF : 1149343.2/11

reg_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -409.010+/-474.874 χ^2/NDF : 2.0/4

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

Right Out: 386.258+/-460.424 χ^2/NDF : 5.8/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

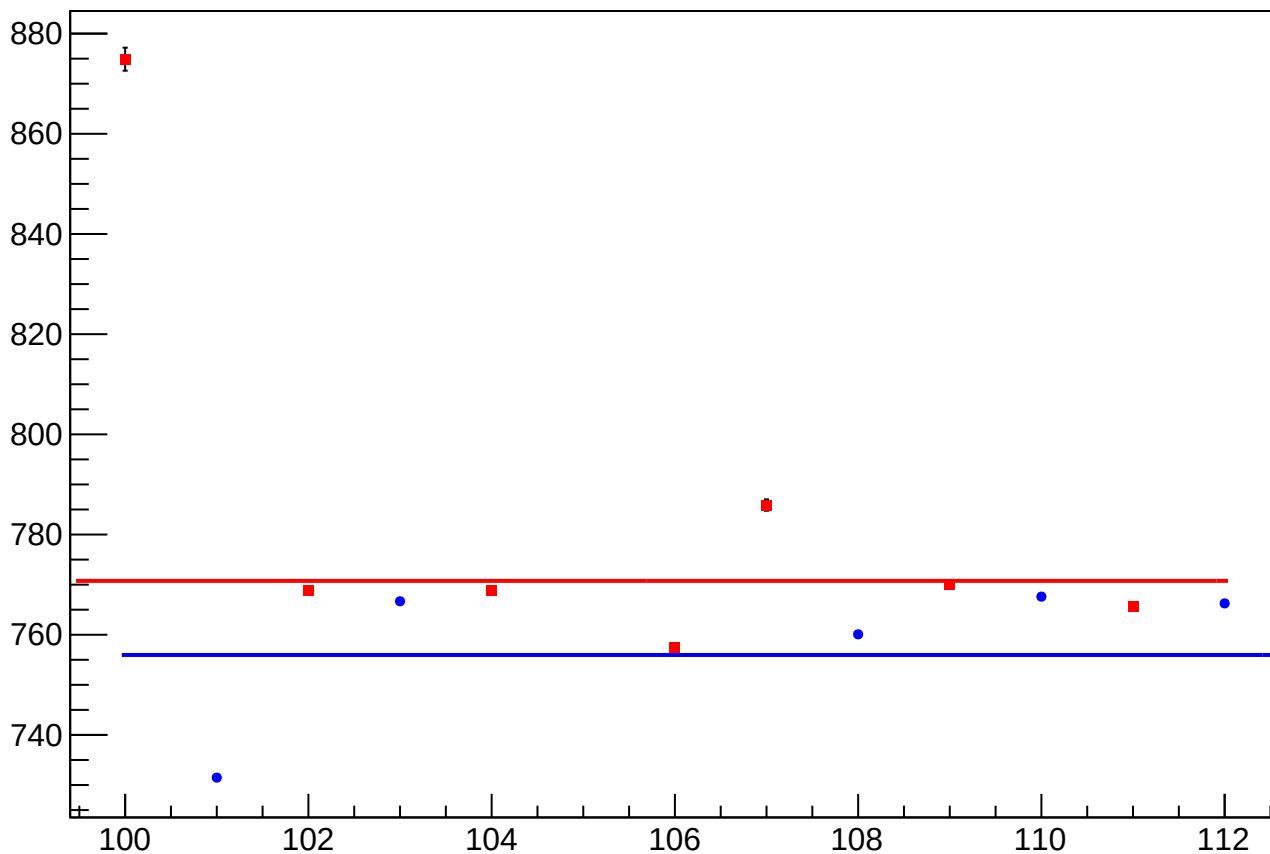
Right: 0.908+/-330.559 χ^2/NDF : 9.2/11

In: -409.010+/-474.874 χ^2/NDF : 2.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.908+/-330.559 χ^2/NDF : 9.2/11

reg_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 755.962 $\pm$ 0.336 χ^2 /NDF: 2087.0/4

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

Right Out: 770.752 $\pm$ 0.326 χ^2 /NDF: 2485.3/6

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

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

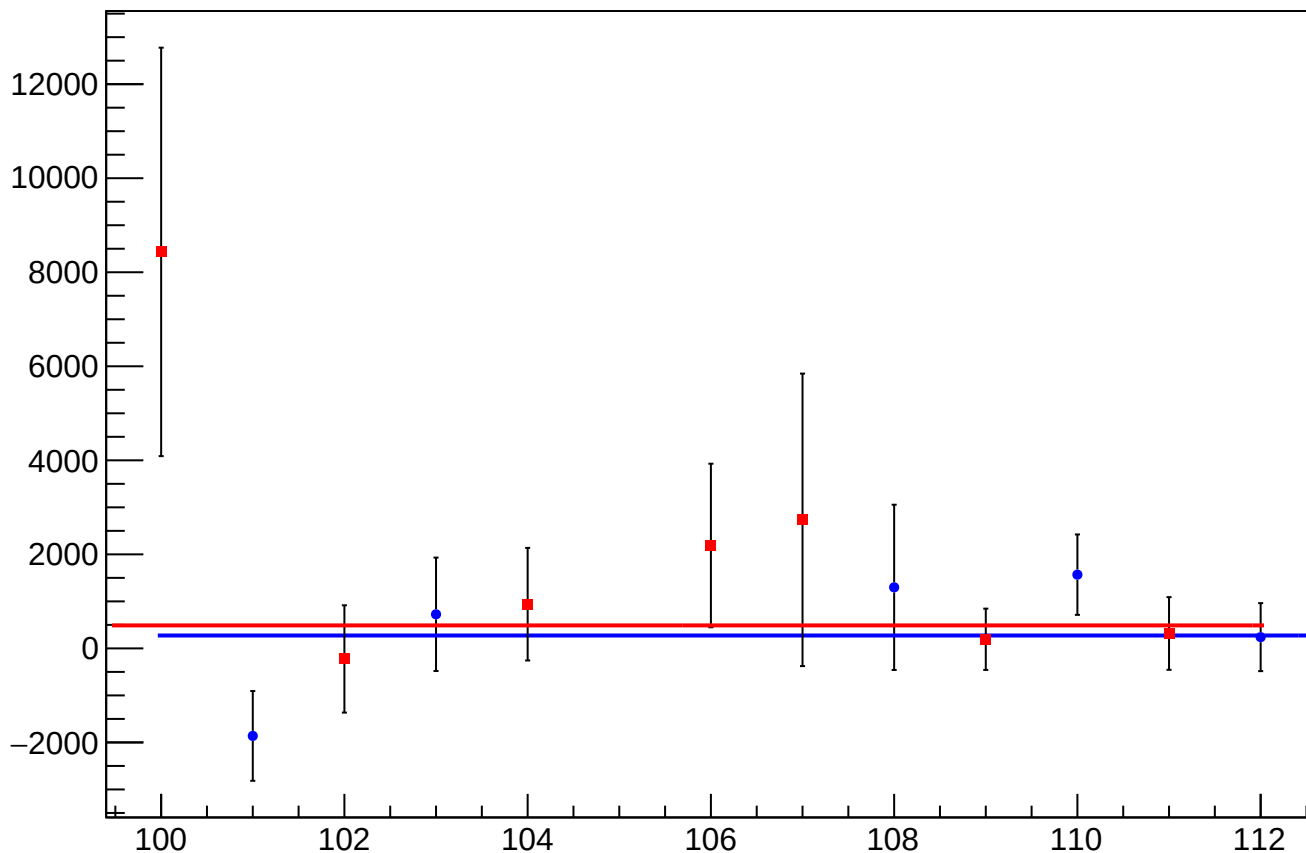
Right: 763.586 $\pm$ 0.234 χ^2 /NDF: 5572.3/11

In: 755.962 $\pm$ 0.336 χ^2 /NDF: 2087.0/4

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

All: 763.586 $\pm$ 0.234 χ^2 /NDF: 5572.3/11

asym_us_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 274.391+/-430.785 χ^2/NDF : 7.8/4

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

Right Out: 488.969+/-408.869 χ^2/NDF : 5.6/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

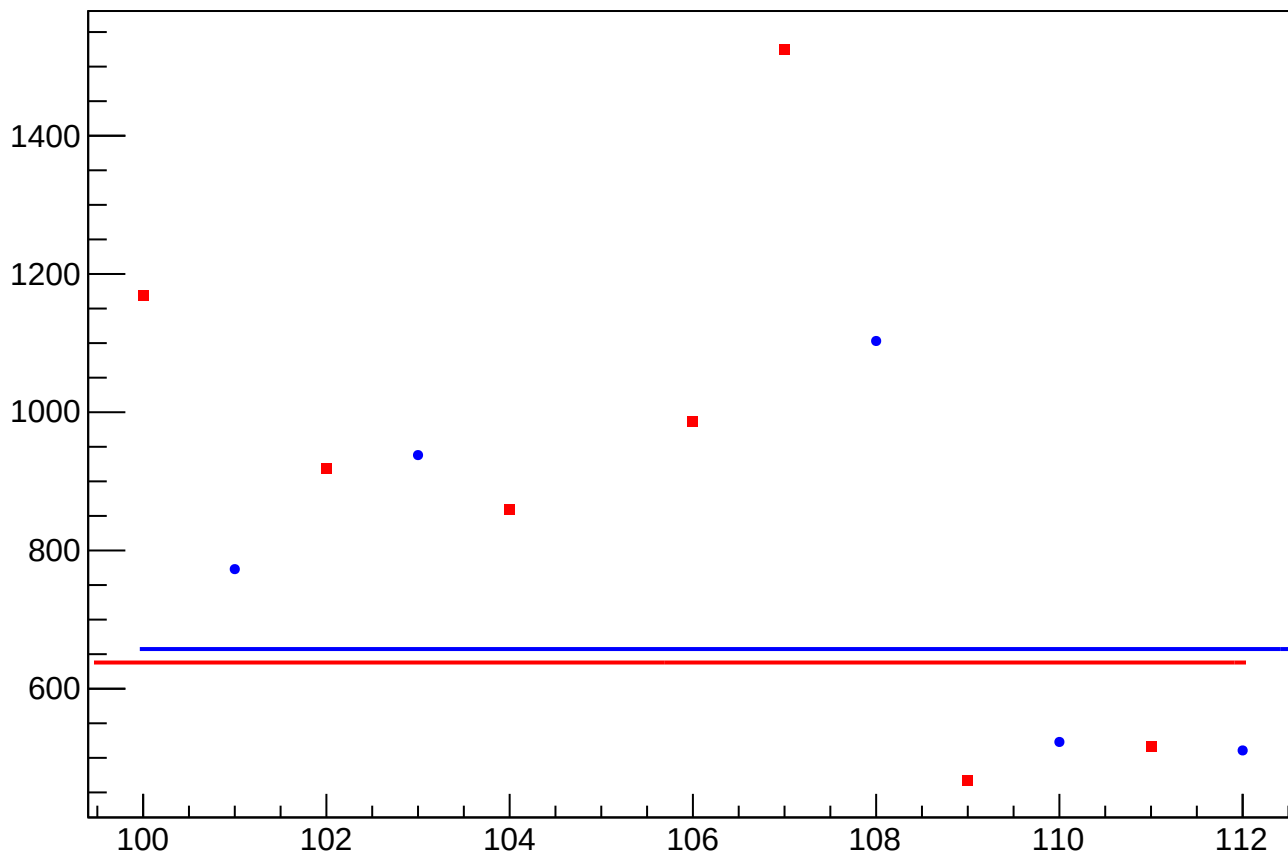
Right: 387.277+/-296.559 χ^2/NDF : 13.5/11

In: 274.391+/-430.785 χ^2/NDF :7.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 387.277+/-296.559 χ^2/NDF : 13.5/11

asym_us_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 657.408+/-0.305 χ^2/NDF : 397963.1/4

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

Right Out: 637.920+/-0.289 χ^2/NDF : 649552.3/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

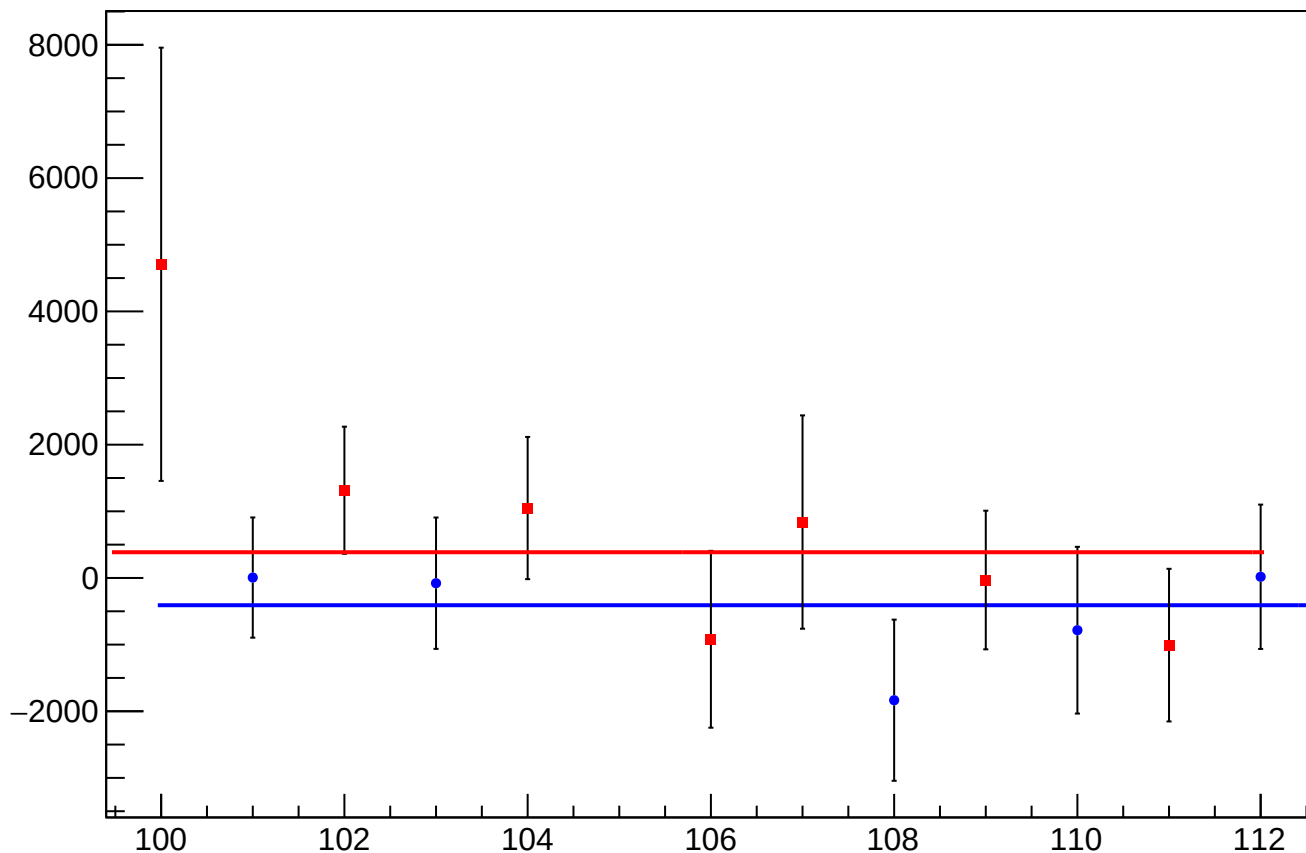
Right: 647.156+/-0.210 χ^2/NDF : 1049668.6/11

In: 657.408+/-0.305 χ^2/NDF : 397963.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 647.156+/-0.210 χ^2/NDF : 1049668.6/11

cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -409.010+/-474.874 χ^2/NDF : 2.0/4

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

Right Out: 386.258+/-460.424 χ^2/NDF : 5.8/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

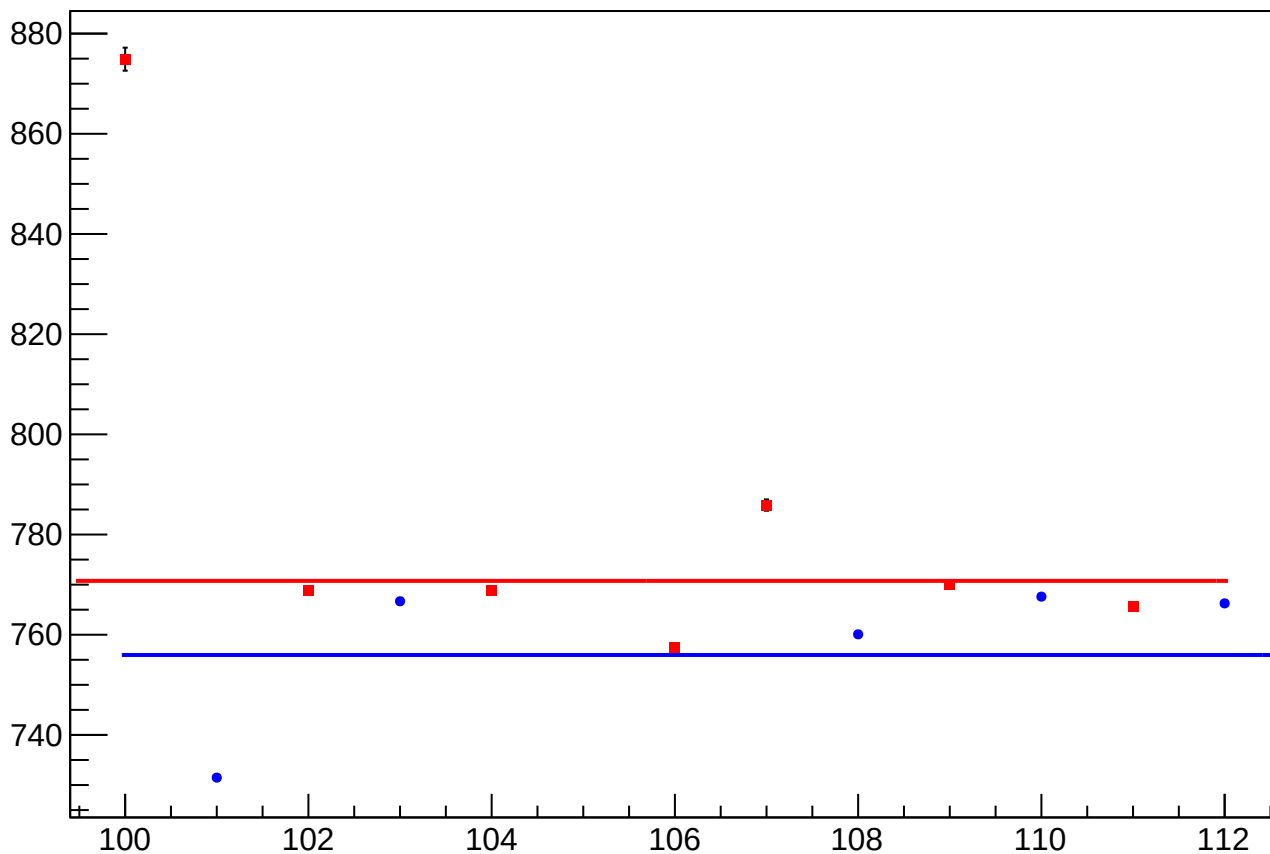
Right: 0.908+/-330.559 χ^2/NDF : 9.2/11

In: -409.010+/-474.874 χ^2/NDF : 2.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.908+/-330.559 χ^2/NDF : 9.2/11

cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 755.962 ± 0.336 χ^2/NDF : 2087.0/4

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

Right Out: 770.752 ± 0.326 χ^2/NDF : 2485.3/6

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

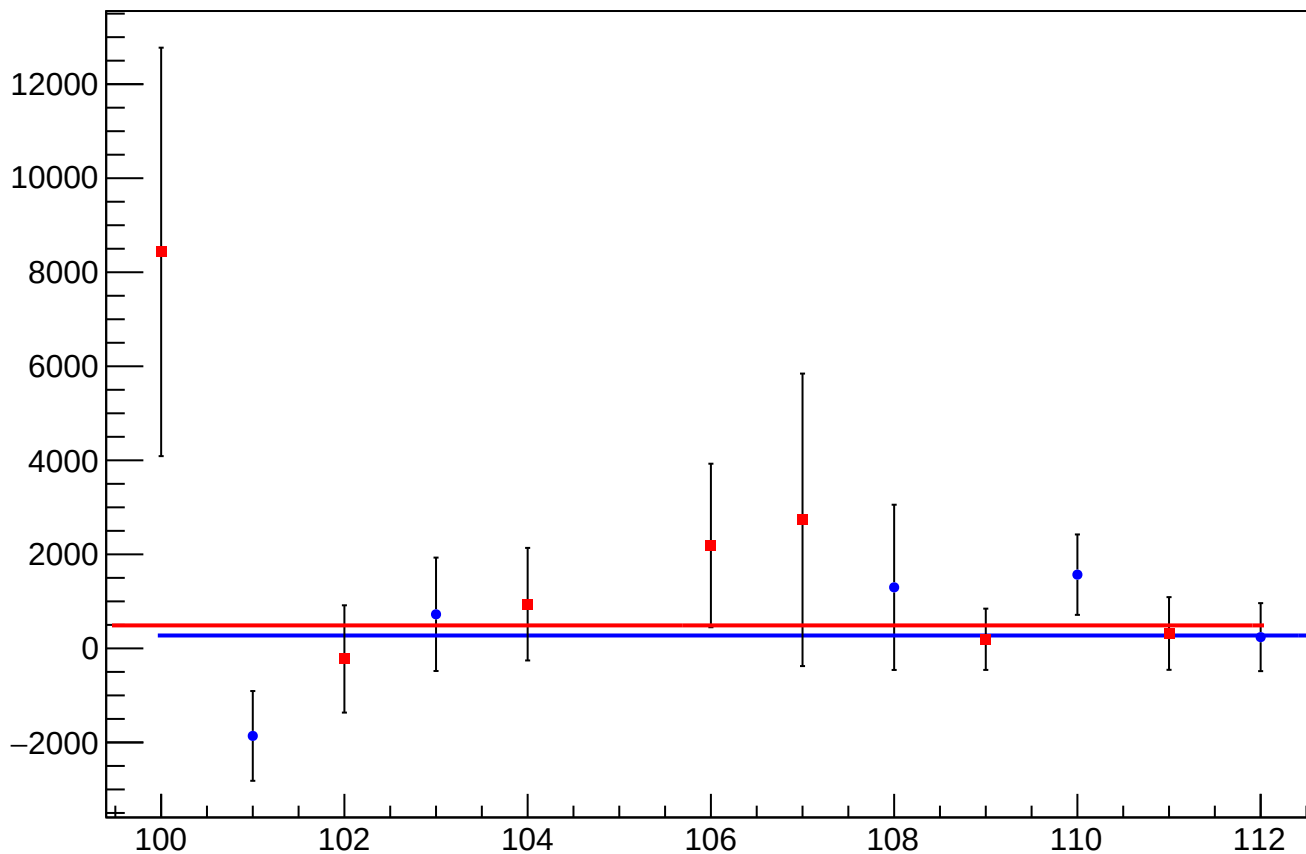
Right: 763.586 ± 0.234 χ^2/NDF : 5572.3/11

In: 755.962 ± 0.336 χ^2/NDF : 2087.0/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 763.586 ± 0.234 χ^2/NDF : 5572.3/11

asym_us_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 274.391+/-430.785 χ^2/NDF : 7.8/4

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

Right Out: 488.969+/-408.869 χ^2/NDF : 5.6/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

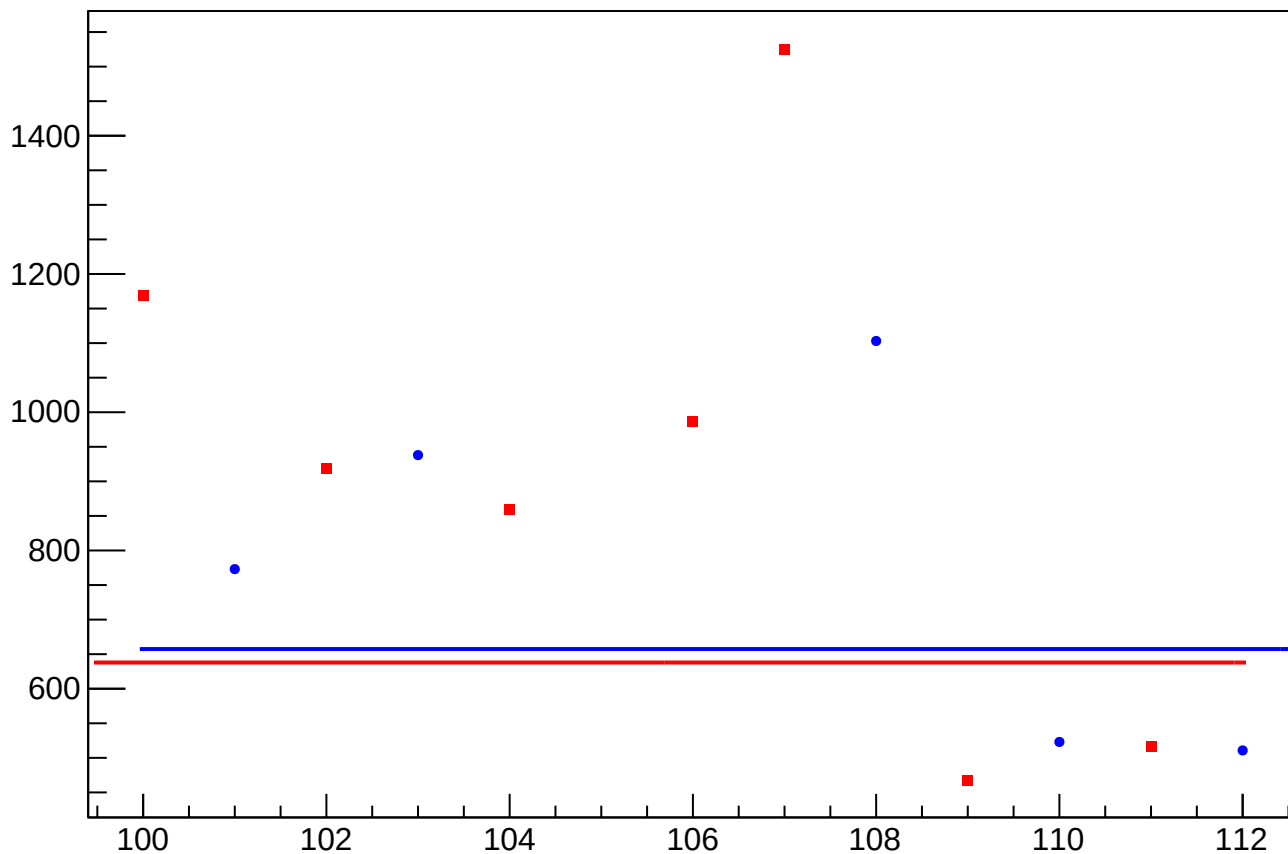
Right: 387.277+/-296.559 χ^2/NDF : 13.5/11

In: 274.391+/-430.785 χ^2/NDF : 7.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 387.277+/-296.559 χ^2/NDF : 13.5/11

asym_us_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 657.408+/-0.305 χ^2/NDF : 397963.1/4

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

Right Out: 637.920+/-0.289 χ^2/NDF : 649552.3/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

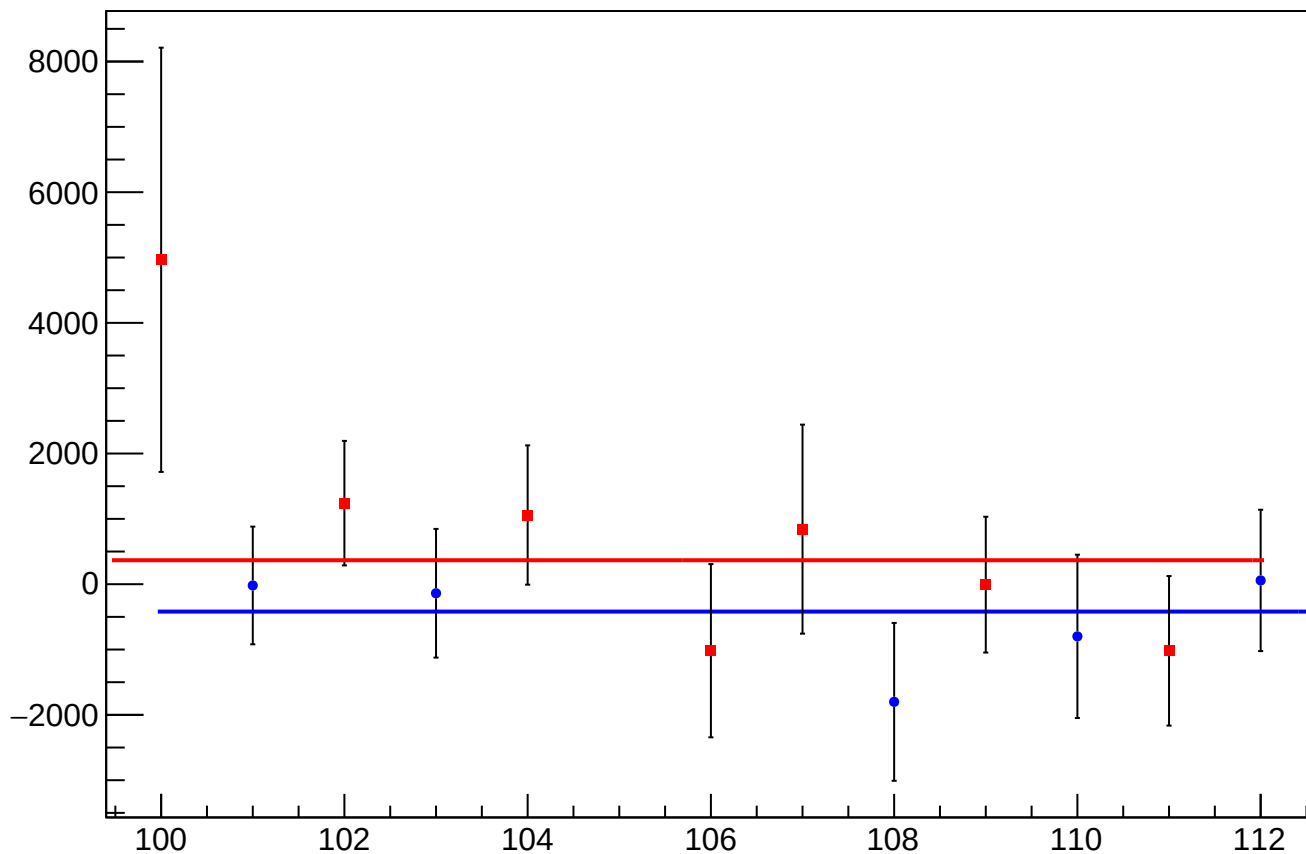
Right: 647.156+/-0.210 χ^2/NDF : 1049668.6/11

In: 657.408+/-0.305 χ^2/NDF : 397963.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 647.156+/-0.210 χ^2/NDF : 1049668.6/11

overload_cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -419.025+/-474.417 χ^2/NDF : 1.9/4

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

Right Out: 366.939+/-460.062 χ^2/NDF : 6.0/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

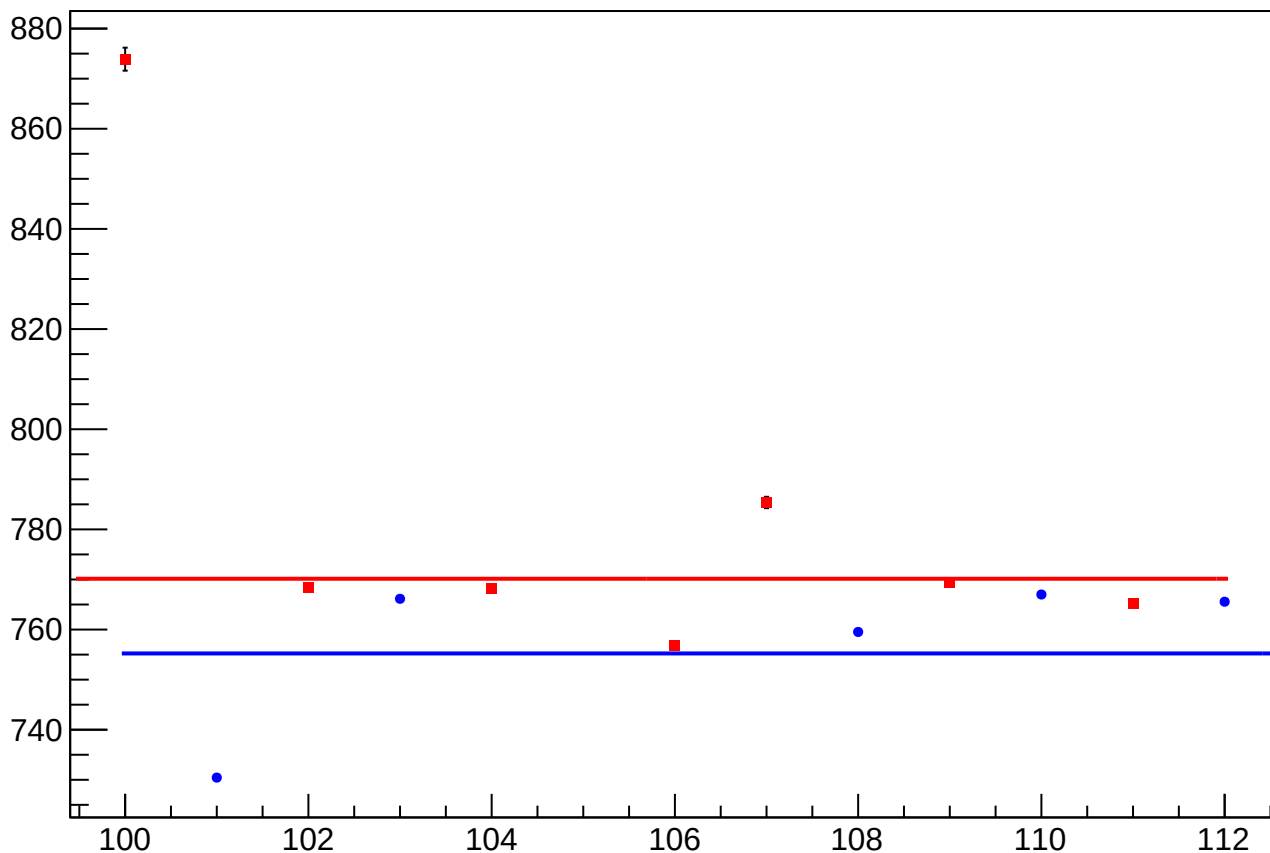
Right: -13.972+/-330.271 χ^2/NDF : 9.3/11

In: -419.025+/-474.417 χ^2/NDF : 1.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.972+/-330.271 χ^2/NDF : 9.3/11

overload_cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 755.230+/-0.335 χ^2/NDF : 2145.5/4

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

Right Out: 770.146+/-0.325 χ^2/NDF : 2479.0/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

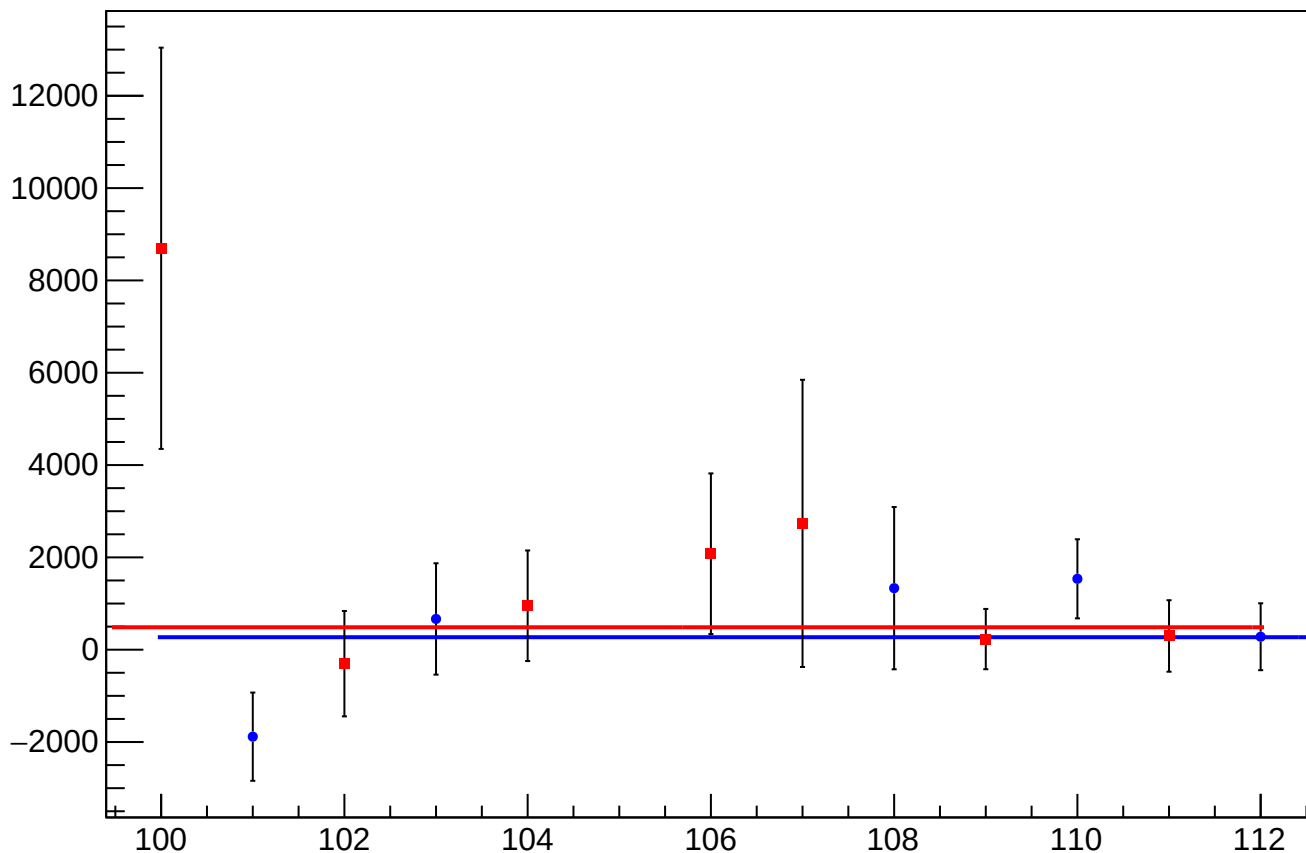
Right: 762.917+/-0.234 χ^2/NDF : 5643.4/11

In: 755.230+/-0.335 χ^2/NDF : 2145.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 762.917+/-0.234 χ^2/NDF : 5643.4/11

asym_us_dd_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 270.557+/-431.439 χ^2/NDF : 7.7/4

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

Right Out: 485.874+/-409.516 χ^2/NDF : 5.8/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

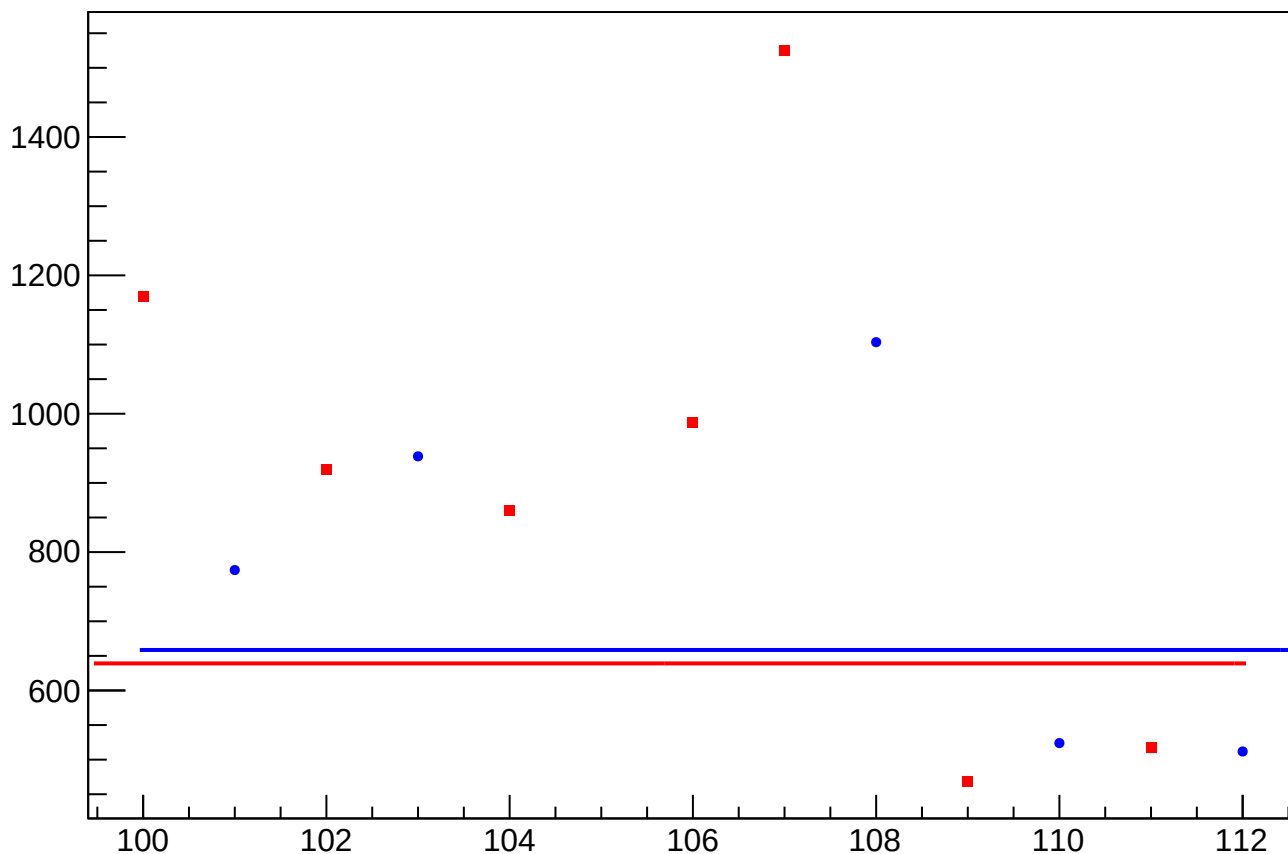
Right: 383.825+/-297.019 χ^2/NDF : 13.6/11

In: 270.557+/-431.439 χ^2/NDF :7.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 383.825+/-297.019 χ^2/NDF : 13.6/11

asym_us_dd_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 658.522+/-0.305 χ^2/NDF : 396400.2/4

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

Right Out: 639.120+/-0.290 χ^2/NDF : 646966.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

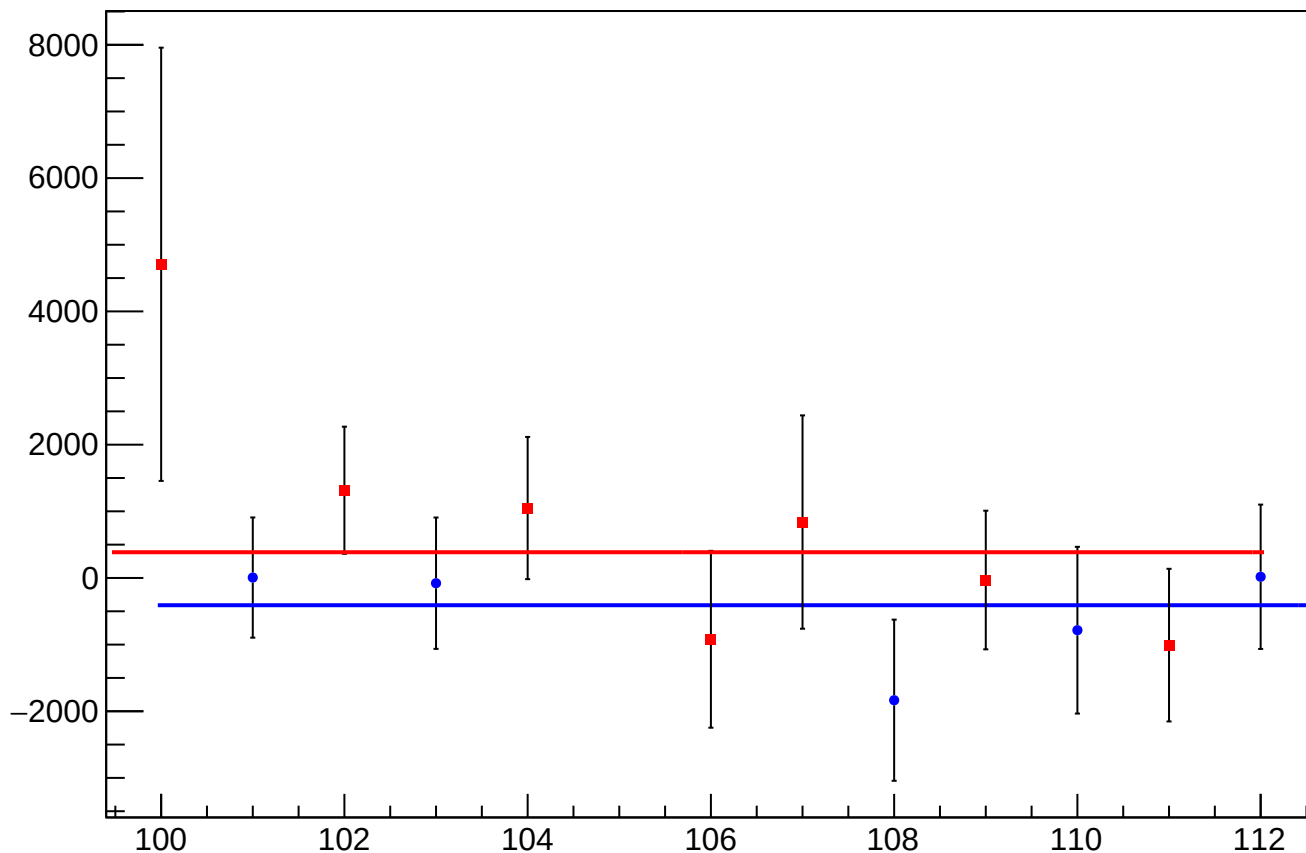
Right: 648.316+/-0.210 χ^2/NDF : 1045493.9/11

In: 658.522+/-0.305 χ^2/NDF : 396400.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 648.316+/-0.210 χ^2/NDF : 1045493.9/11

eigen_cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -409.010+/-474.874 χ^2/NDF : 2.0/4

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

Right Out: 386.258+/-460.424 χ^2/NDF : 5.8/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

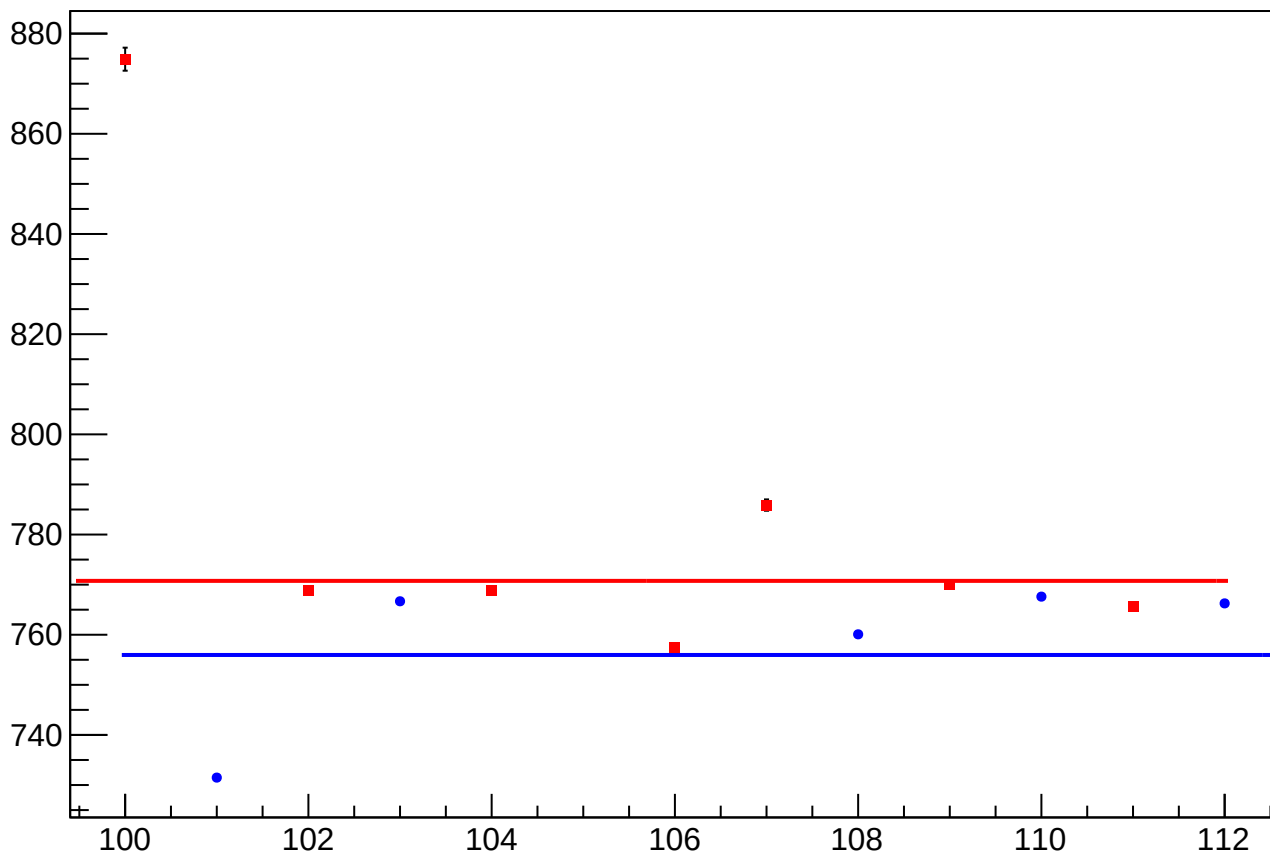
Right: 0.908+/-330.559 χ^2/NDF : 9.2/11

In: -409.010+/-474.874 χ^2/NDF : 2.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.908+/-330.559 χ^2/NDF : 9.2/11

eigen_cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 755.962 $\pm$ 0.336 χ^2 /NDF: 2087.0/4

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

Right Out: 770.752 $\pm$ 0.326 χ^2 /NDF: 2485.3/6

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

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

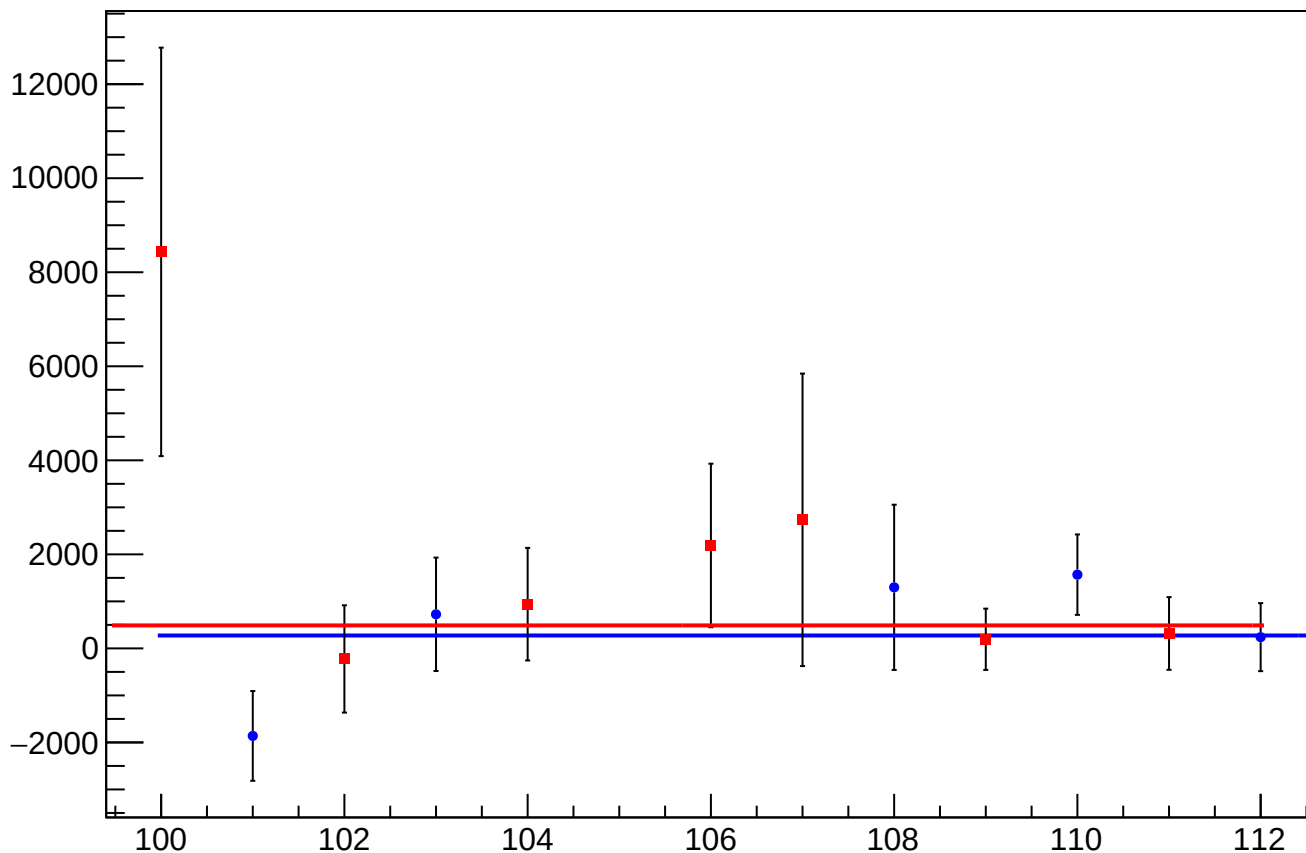
Right: 763.586 $\pm$ 0.234 χ^2 /NDF: 5572.3/11

In: 755.962 $\pm$ 0.336 χ^2 /NDF: 2087.0/4

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

All: 763.586 $\pm$ 0.234 χ^2 /NDF: 5572.3/11

asym_us_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 274.391+/-430.785 χ^2/NDF : 7.8/4

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

Right Out: 488.969+/-408.869 χ^2/NDF : 5.6/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

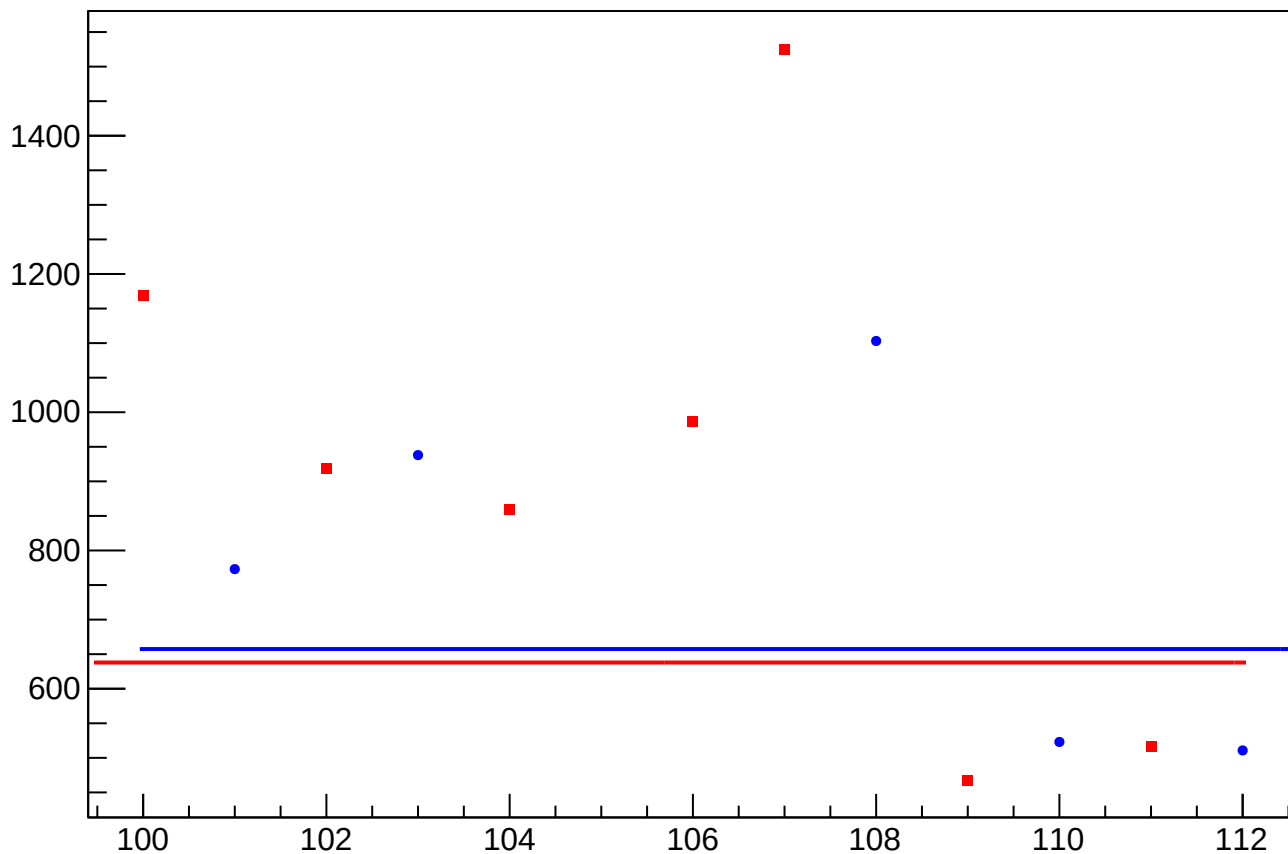
Right: 387.277+/-296.559 χ^2/NDF : 13.5/11

In: 274.391+/-430.785 χ^2/NDF : 7.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 387.277+/-296.559 χ^2/NDF : 13.5/11

asym_us_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 657.408+/-0.305 χ^2/NDF : 397963.1/4

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

Right Out: 637.920+/-0.289 χ^2/NDF : 649552.3/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

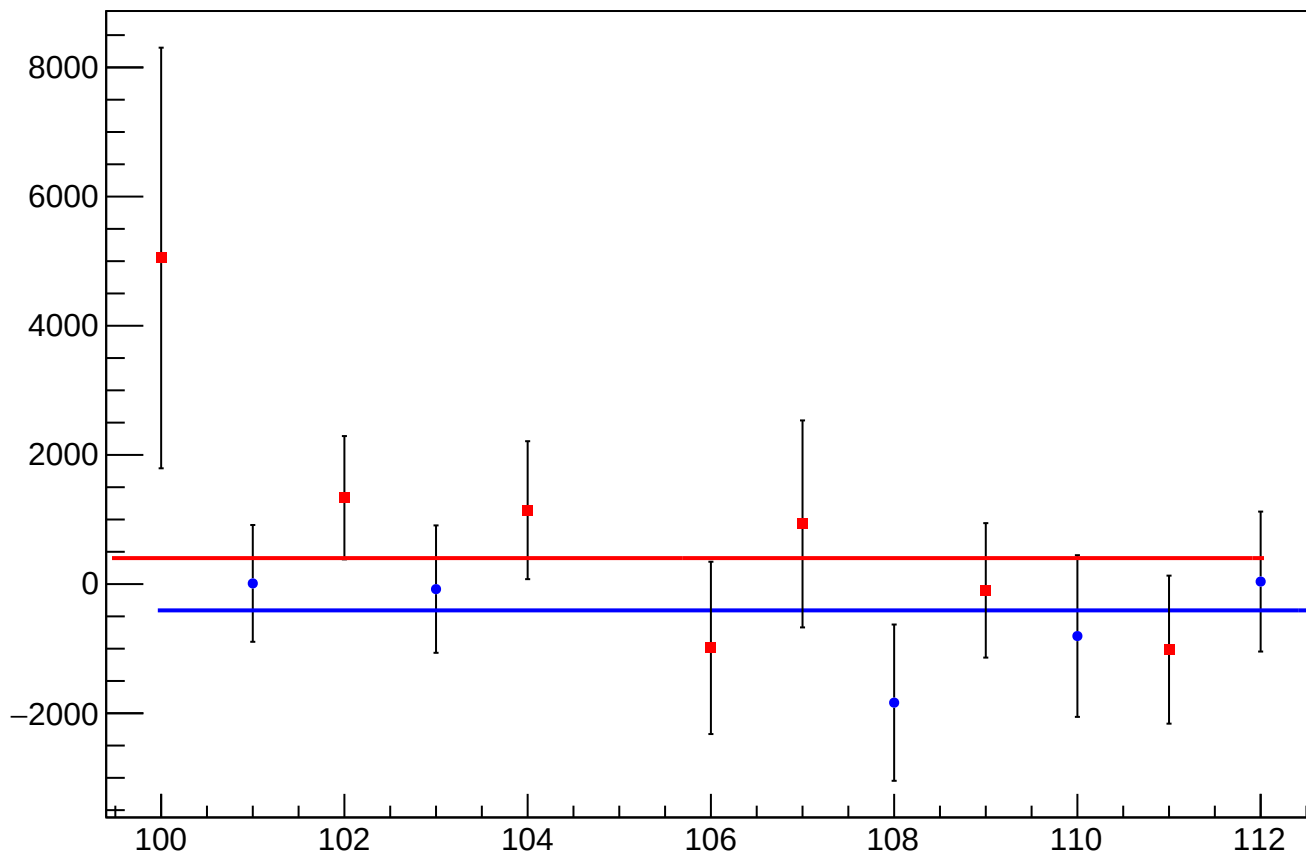
Right: 647.156+/-0.210 χ^2/NDF : 1049668.6/11

In: 657.408+/-0.305 χ^2/NDF : 397963.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 647.156+/-0.210 χ^2/NDF : 1049668.6/11

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -407.108+/-475.443 χ^2/NDF : 2.0/4

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

Right Out: 402.380+/-461.052 χ^2/NDF : 6.4/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

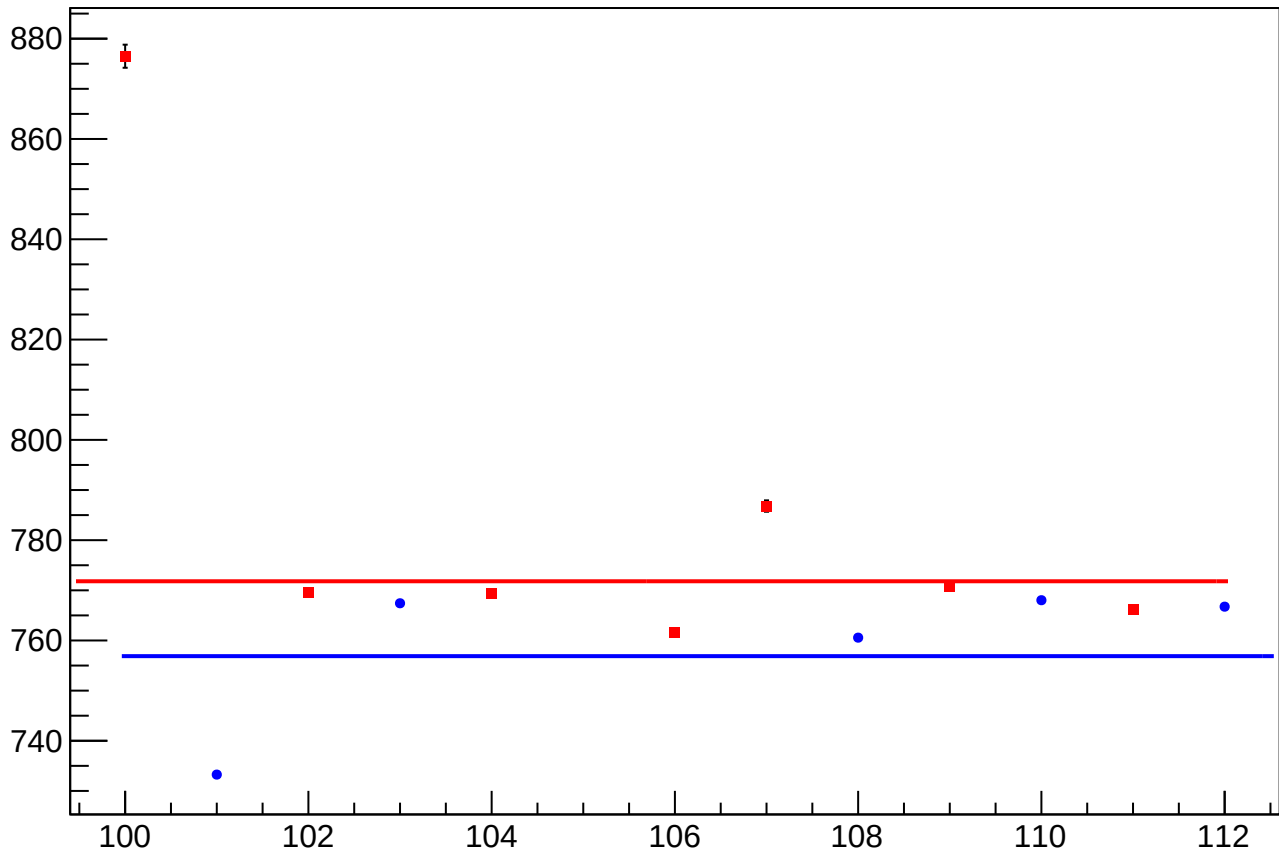
Right: 10.073+/-330.984 χ^2/NDF : 9.9/11

In: -407.108+/-475.443 χ^2/NDF : 2.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.073+/-330.984 χ^2/NDF : 9.9/11

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 756.876 ± 0.336 χ^2/NDF : 1936.1/4

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

Right Out: 771.807 ± 0.326 χ^2/NDF : 2432.7/6

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

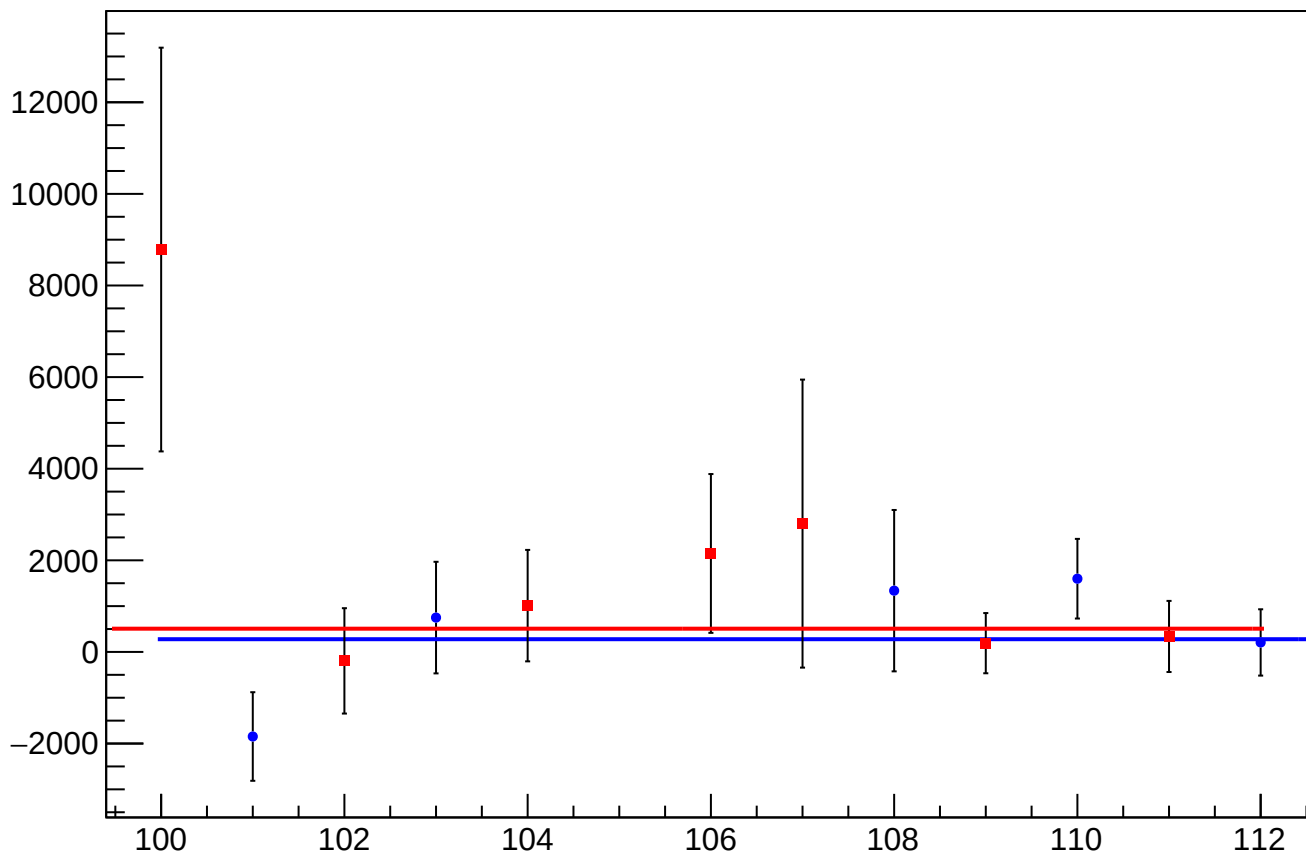
Right: 764.571 ± 0.234 χ^2/NDF : 5385.4/11

In: 756.876 ± 0.336 χ^2/NDF : 1936.1/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 764.571 ± 0.234 χ^2/NDF : 5385.4/11

asym_us_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 277.773+/-434.527 χ^2/NDF : 7.7/4

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

Right Out: 507.476+/-412.007 χ^2/NDF : 5.8/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

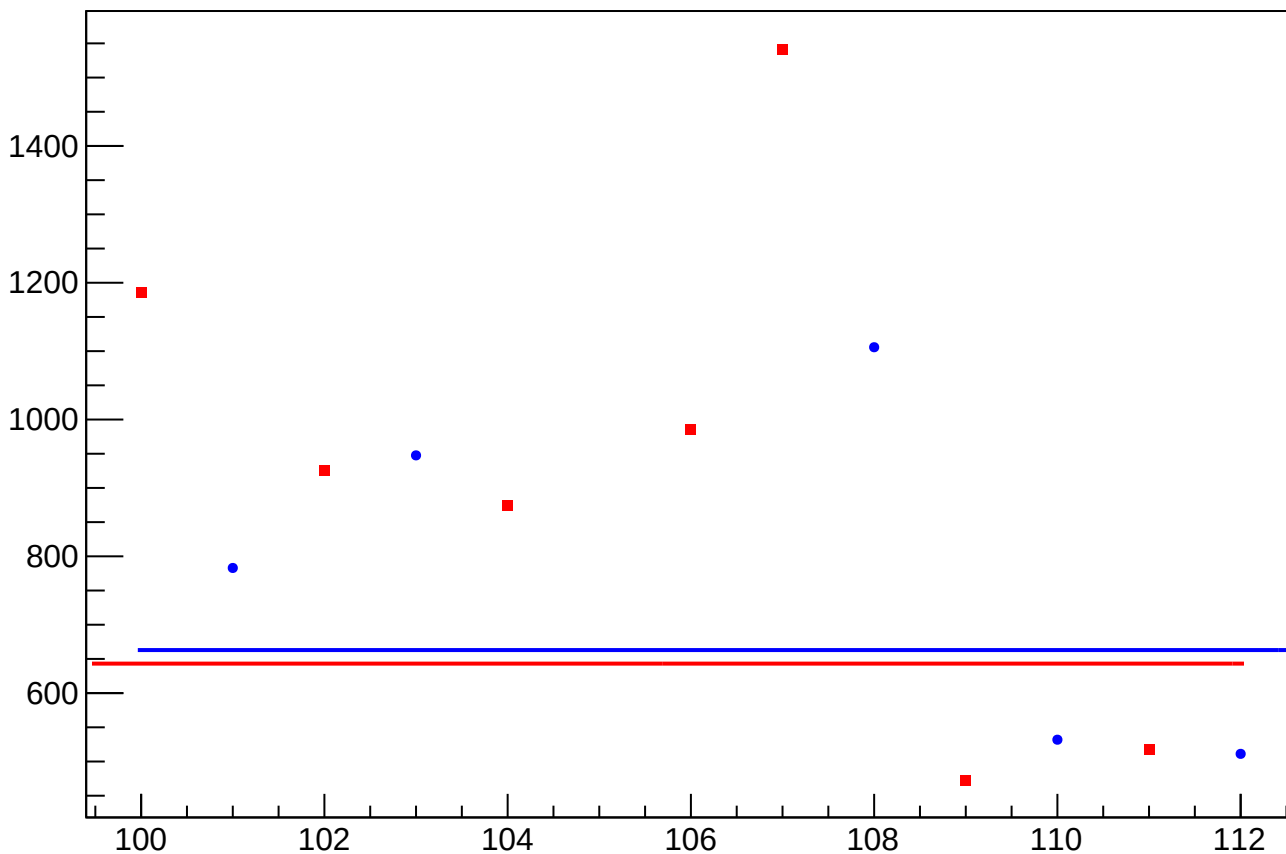
Right: 398.731+/-298.977 χ^2/NDF : 13.6/11

In: 277.773+/-434.527 χ^2/NDF : 7.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 398.731+/-298.977 χ^2/NDF : 13.6/11

asym_us_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 662.949+/-0.307 χ^2/NDF : 399713.3/4

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

Right Out: 643.136+/-0.291 χ^2/NDF : 651640.3/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

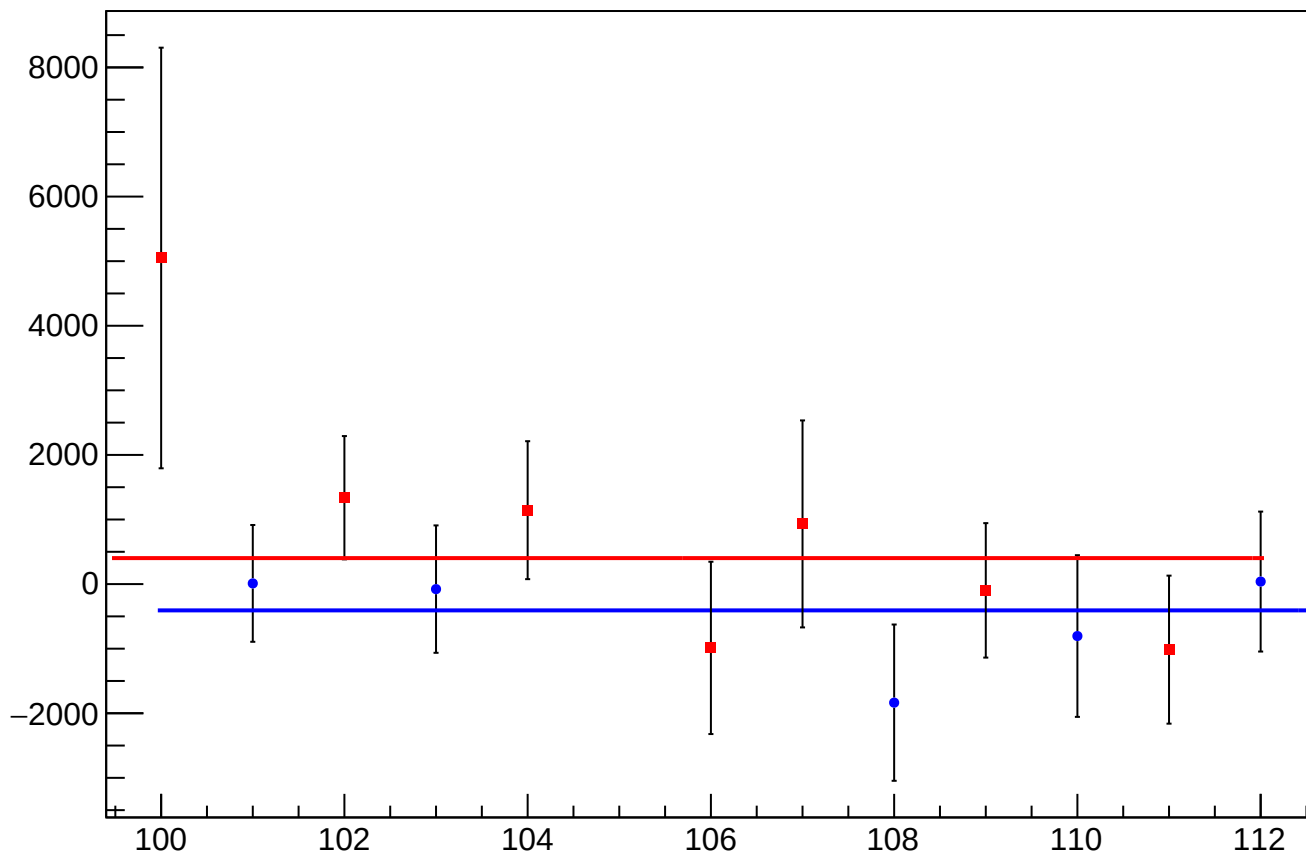
Right: 652.516+/-0.211 χ^2/NDF : 1053543.2/11

In: 662.949+/-0.307 χ^2/NDF : 399713.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 652.516+/-0.211 χ^2/NDF : 1053543.2/11

eigen_dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -407.109+/-475.443 χ^2/NDF : 2.0/4

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

Right Out: 402.379+/-461.052 χ^2/NDF : 6.4/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

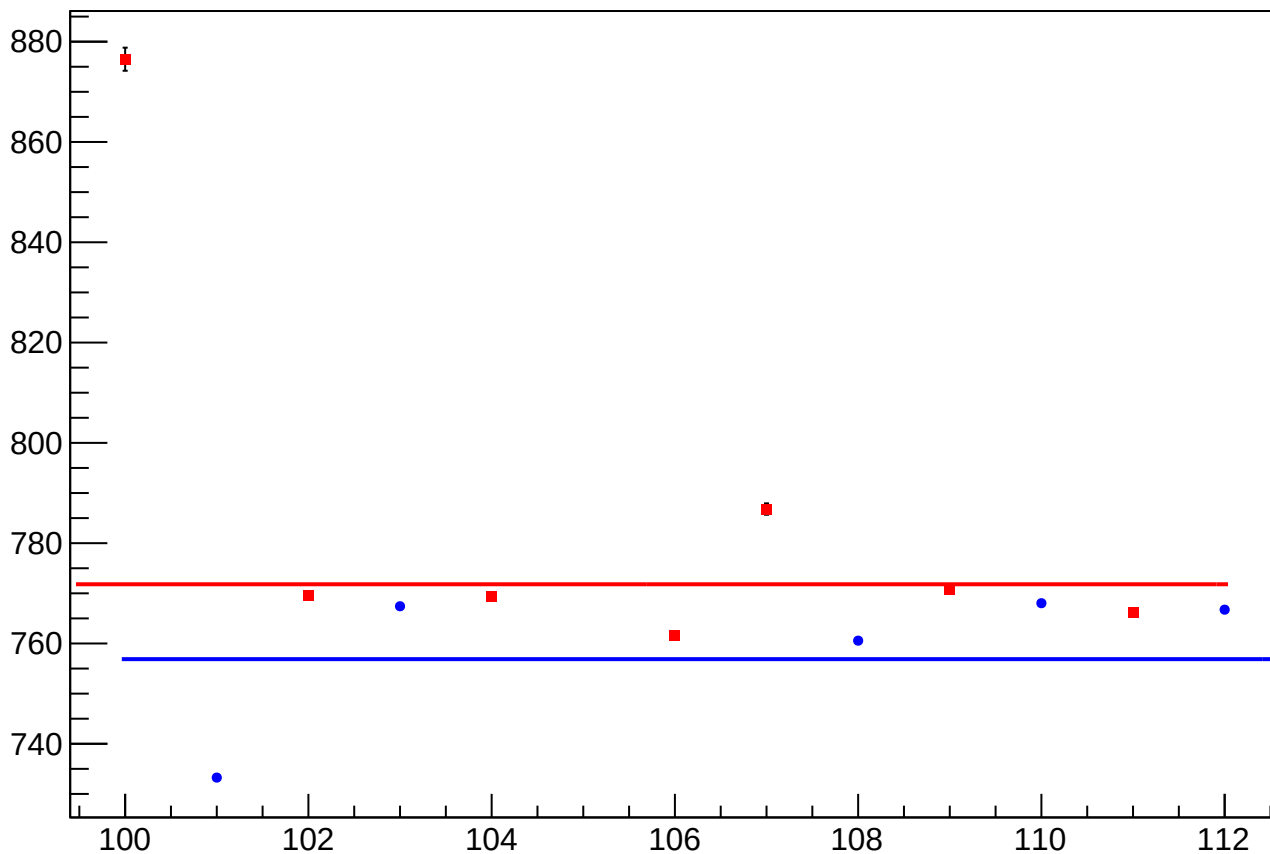
Right: 10.072+/-330.984 χ^2/NDF : 9.9/11

In: -407.109+/-475.443 χ^2/NDF : 2.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.072+/-330.984 χ^2/NDF : 9.9/11

eigen_dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 756.876+/-0.336 χ^2/NDF : 1936.1/4

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

Right Out: 771.807+/-0.326 χ^2/NDF : 2432.7/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

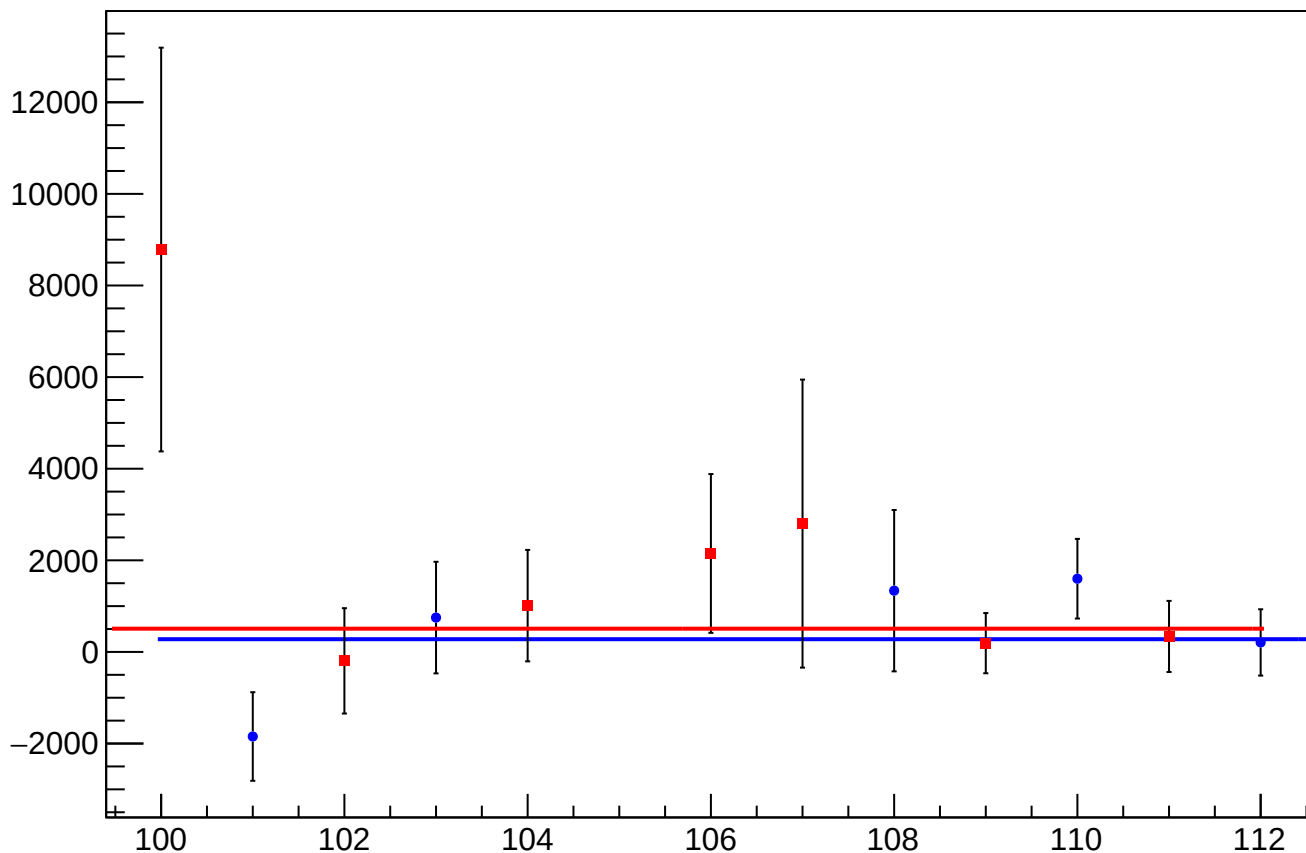
Right: 764.571+/-0.234 χ^2/NDF : 5385.4/11

In: 756.876+/-0.336 χ^2/NDF : 1936.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 764.571+/-0.234 χ^2/NDF : 5385.4/11

asym_us_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 277.773+/-434.524 χ^2/NDF : 7.7/4

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

Right Out: 507.475+/-412.006 χ^2/NDF : 5.8/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

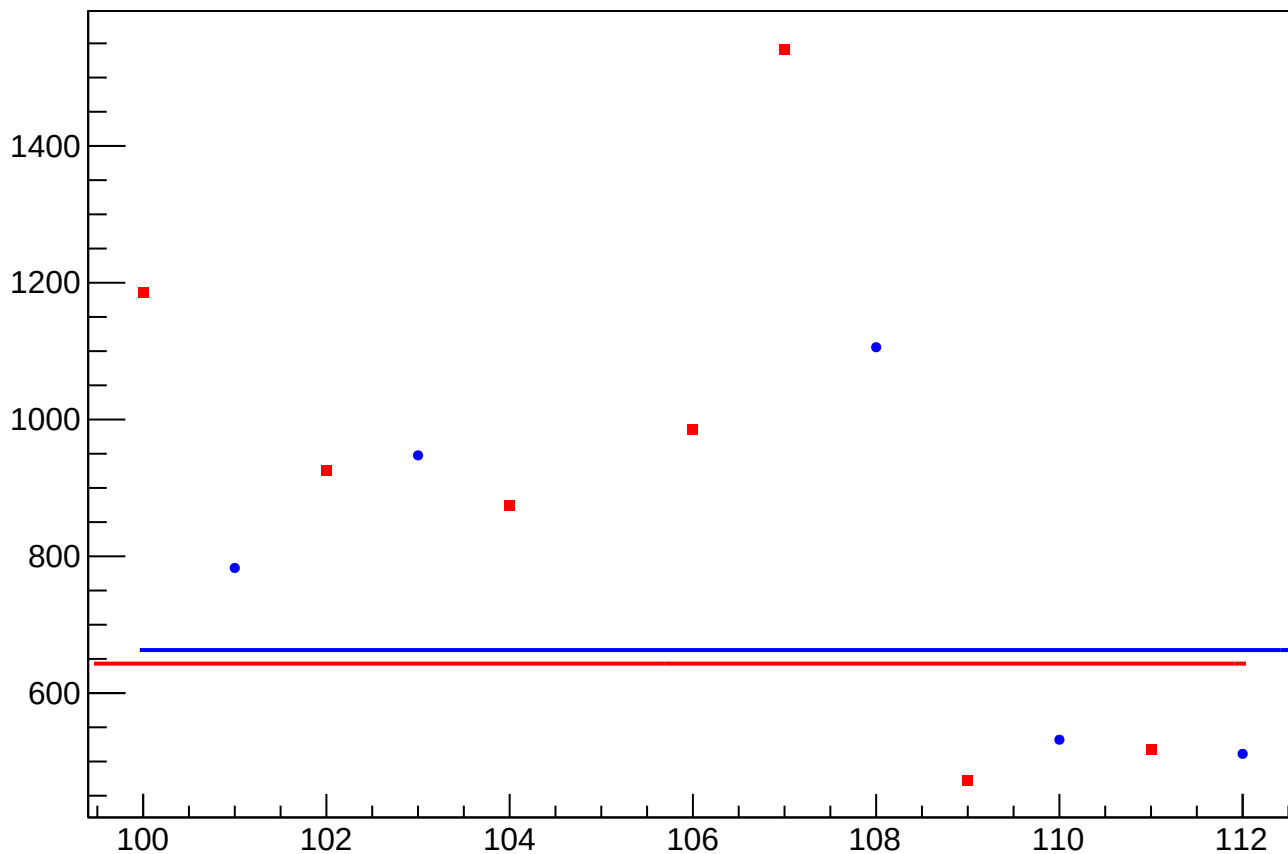
Right: 398.730+/-298.976 χ^2/NDF : 13.6/11

In: 277.773+/-434.524 χ^2/NDF : 7.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 398.730+/-298.976 χ^2/NDF : 13.6/11

asym_us_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 662.944+/-0.307 χ^2/NDF : 399727.0/4

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

Right Out: 643.132+/-0.291 χ^2/NDF : 651654.9/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

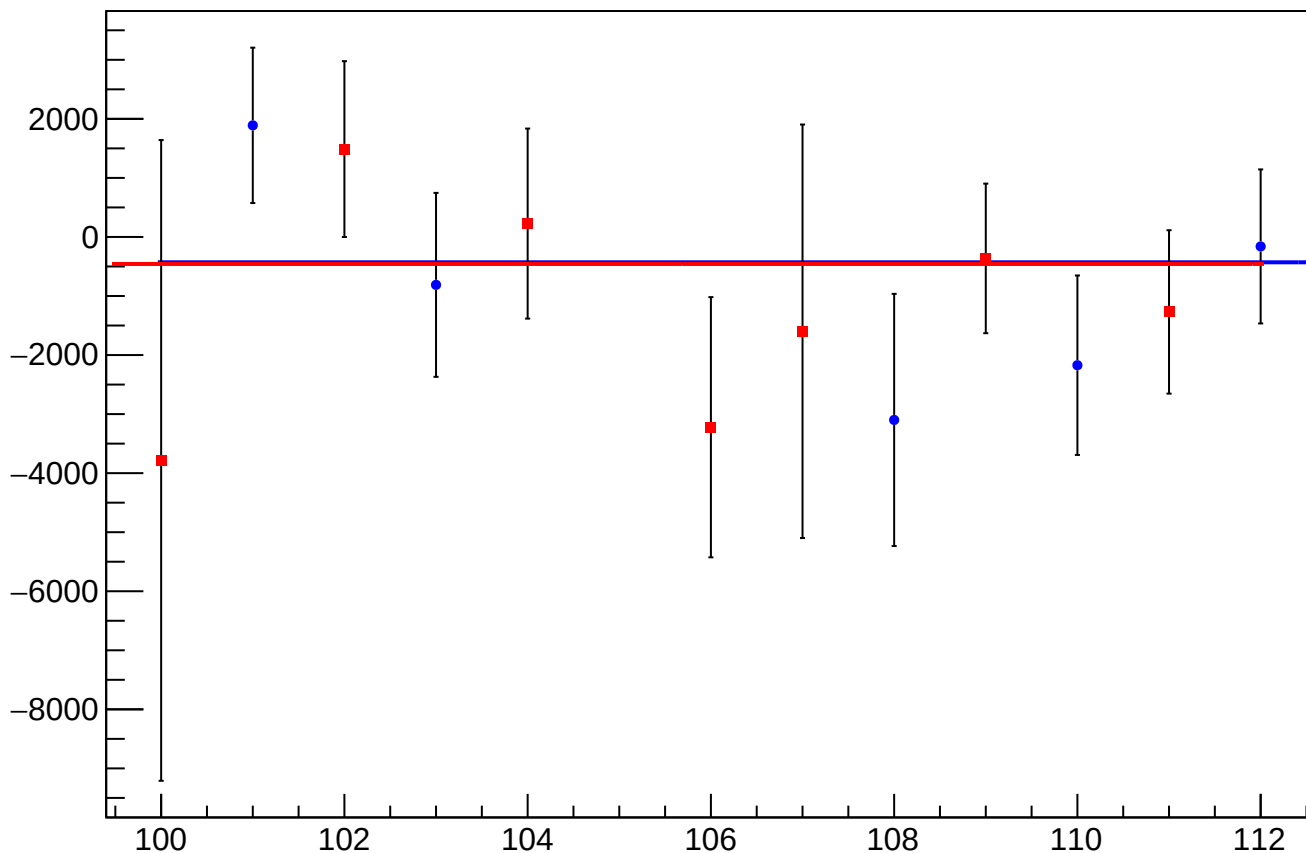
Right: 652.511+/-0.211 χ^2/NDF : 1053571.2/11

In: 662.944+/-0.307 χ^2/NDF : 399727.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 652.511+/-0.211 χ^2/NDF : 1053571.2/11

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -429.254 $\pm$ 669.650 χ^2/NDF : 6.1/4

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

Right Out: -457.261 $\pm$ 658.748 χ^2/NDF : 4.3/6

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

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

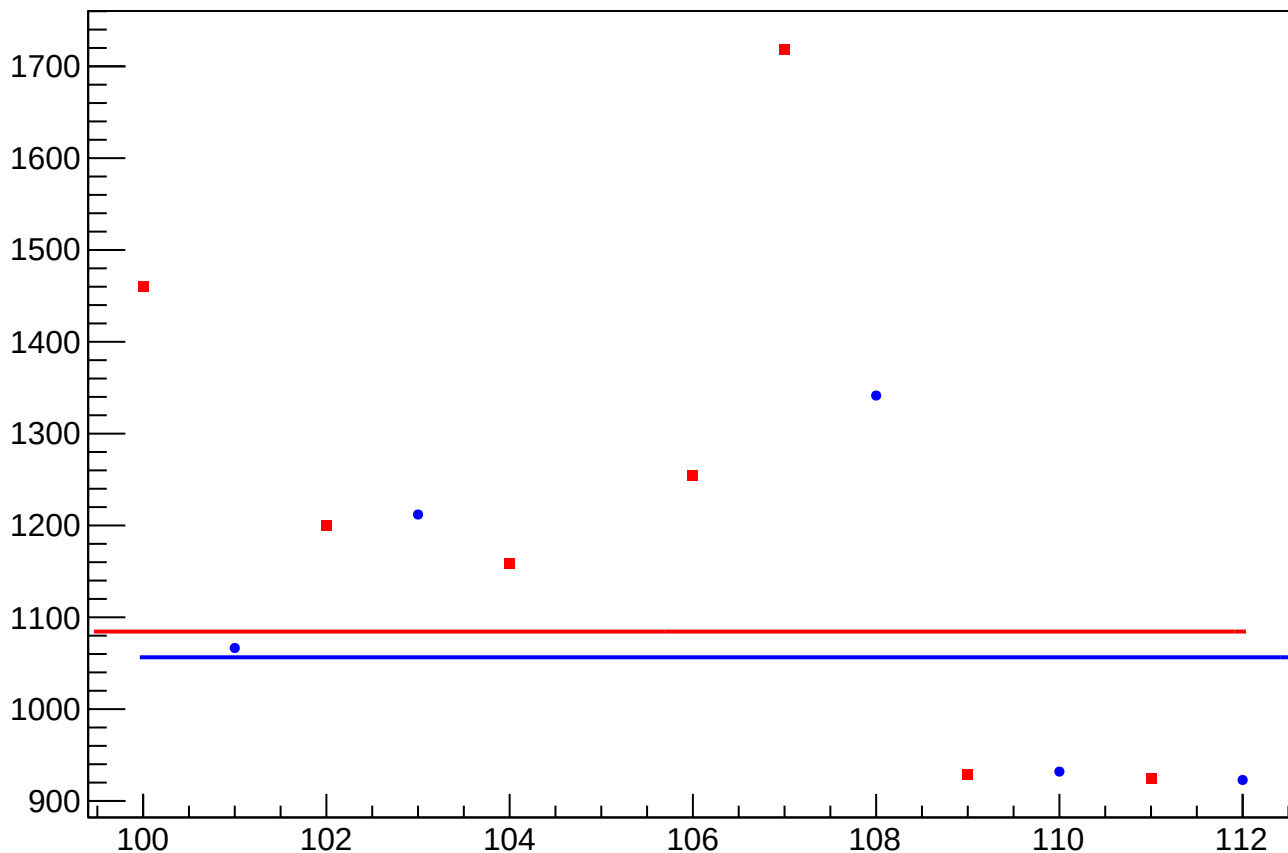
Right: -443.487 $\pm$ 469.612 χ^2/NDF : 10.4/11

In: -429.254 $\pm$ 669.650 χ^2/NDF : 6.1/4

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

All: -443.487 $\pm$ 469.612 χ^2/NDF : 10.4/11

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1056.452+/-0.474 χ^2/NDF : 90072.3/4

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

Right Out: 1084.483+/-0.466 χ^2/NDF : 159942.2/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

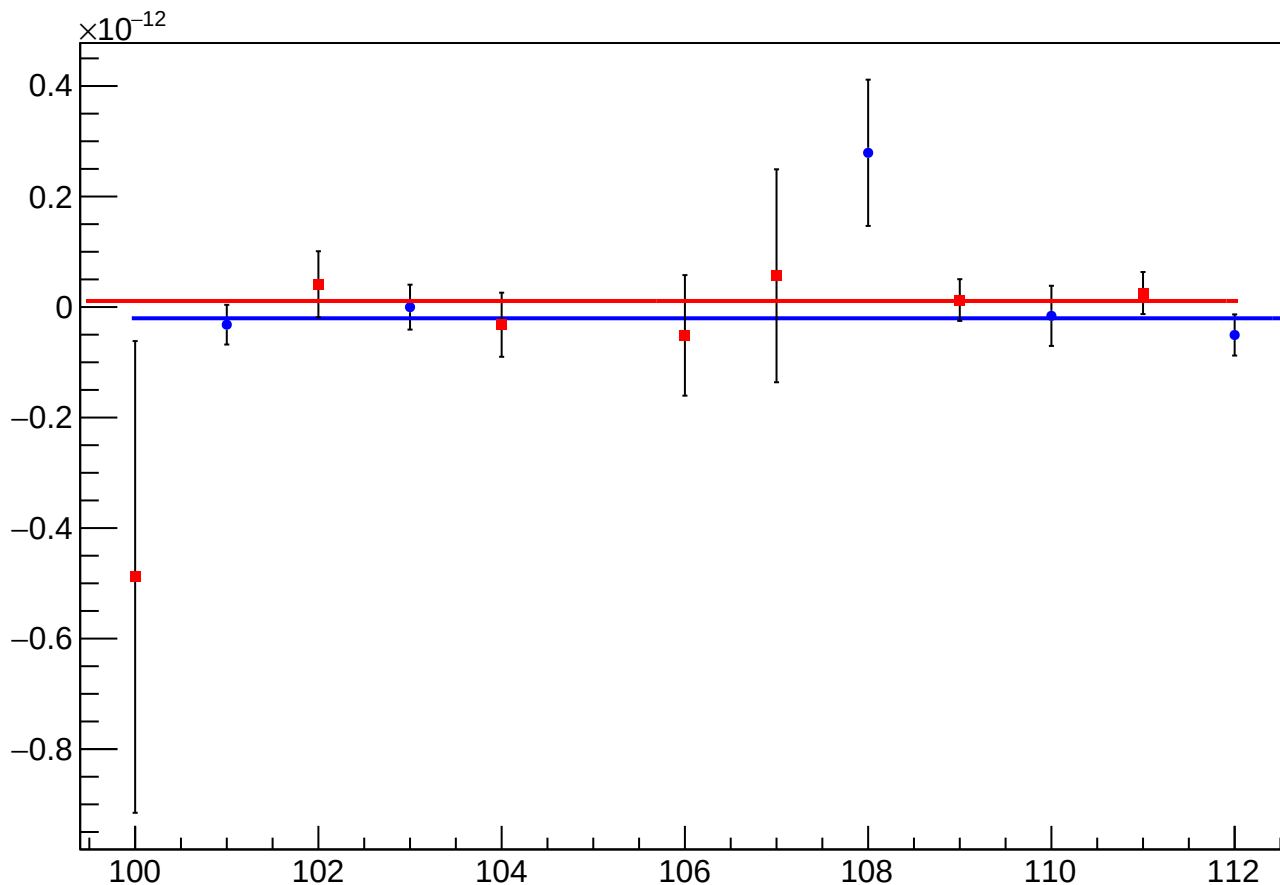
Right: 1070.697+/-0.332 χ^2/NDF : 251795.5/11

In: 1056.452+/-0.474 χ^2/NDF : 90072.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1070.697+/-0.332 χ^2/NDF : 251795.5/11

asym_us_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.1/4

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2.7/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

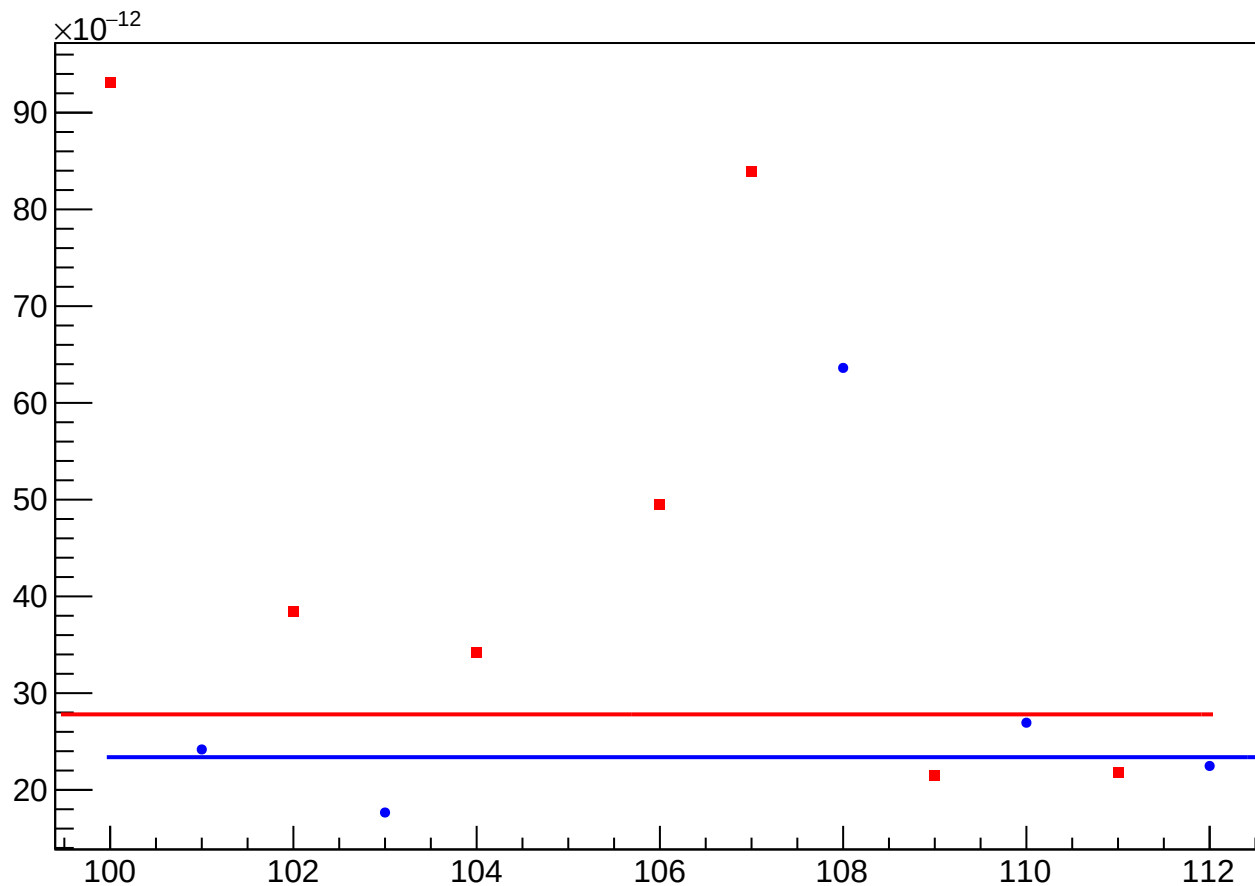
Right: -0.000+/-0.000 χ^2/NDF : 9.9/11

In: -0.000+/-0.000 χ^2/NDF : 6.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.9/11

asym_us_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 235225.8/4

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

Right Out: 0.000+/-0.000 χ^2/NDF : 486935.3/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

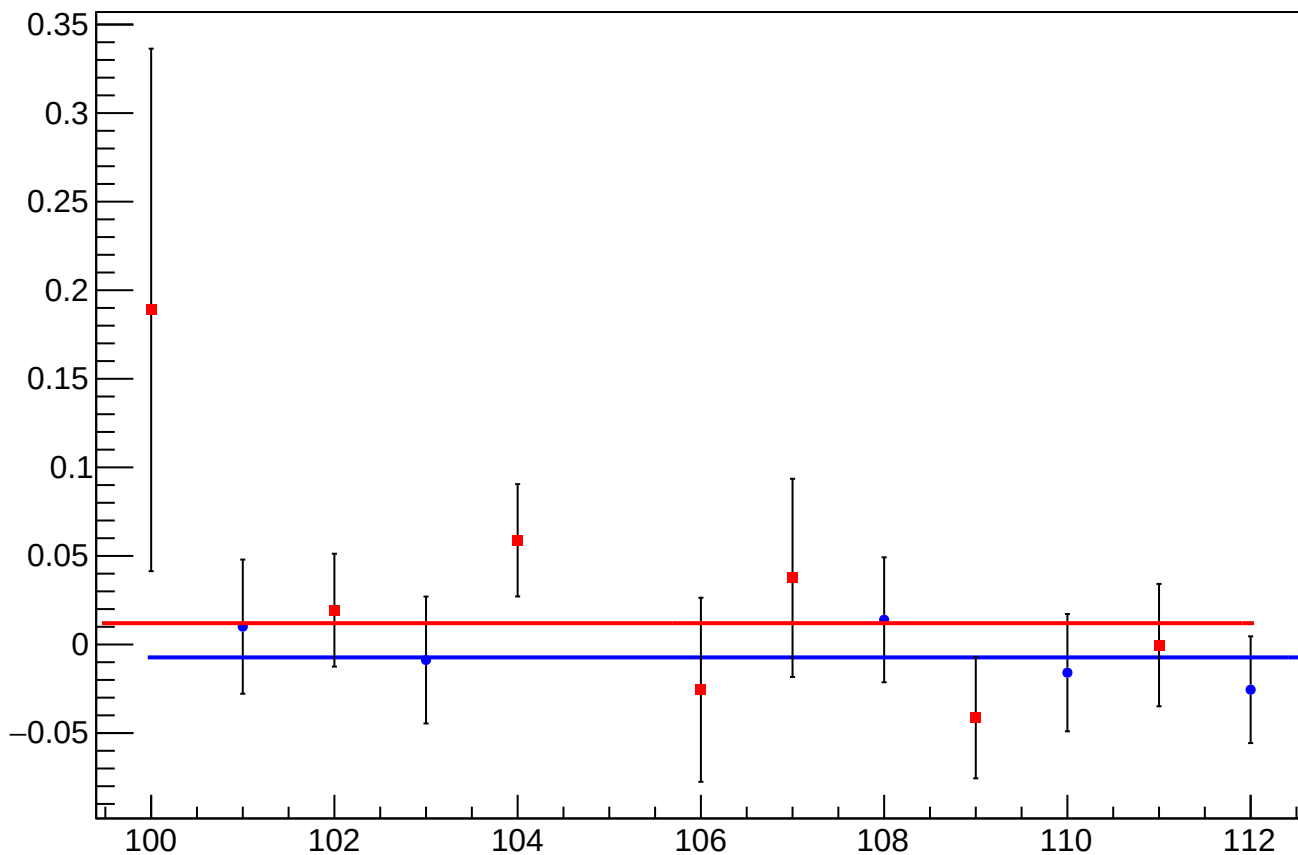
Right: 0.000+/-0.000 χ^2/NDF : 766615.5/11

In: 0.000+/-0.000 χ^2/NDF : 235225.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 766615.5/11

asym_us_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.015 χ^2 /NDF: 1.0/4

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

Right Out: 0.012 $\pm$ 0.015 χ^2 /NDF: 7.0/6

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

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

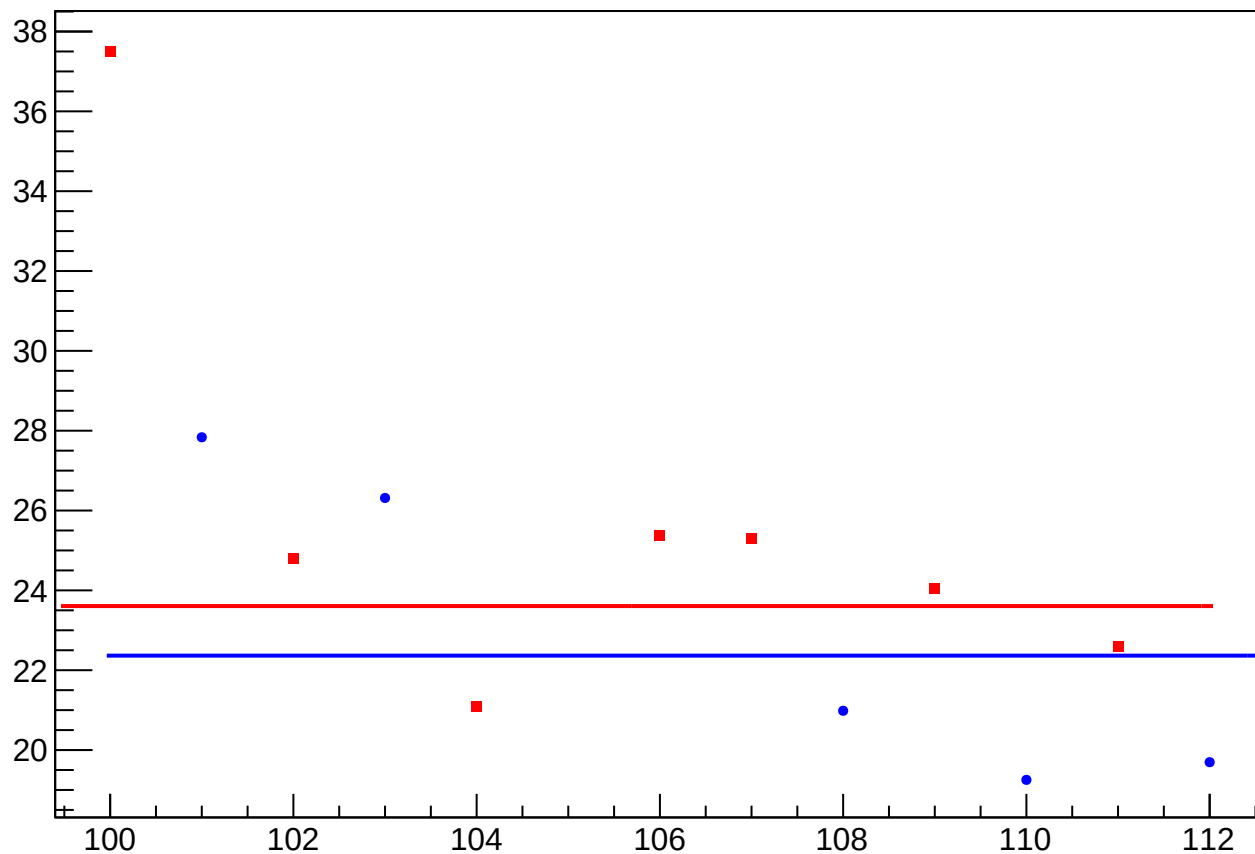
Right: 0.003 $\pm$ 0.011 χ^2 /NDF: 8.8/11

In: -0.007 $\pm$ 0.015 χ^2 /NDF:1.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.011 χ^2 /NDF: 8.8/11

asym_us_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.365+/-0.011 χ^2/NDF : 102494.3/4

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

Right Out: 23.607+/-0.011 χ^2/NDF : 39409.3/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

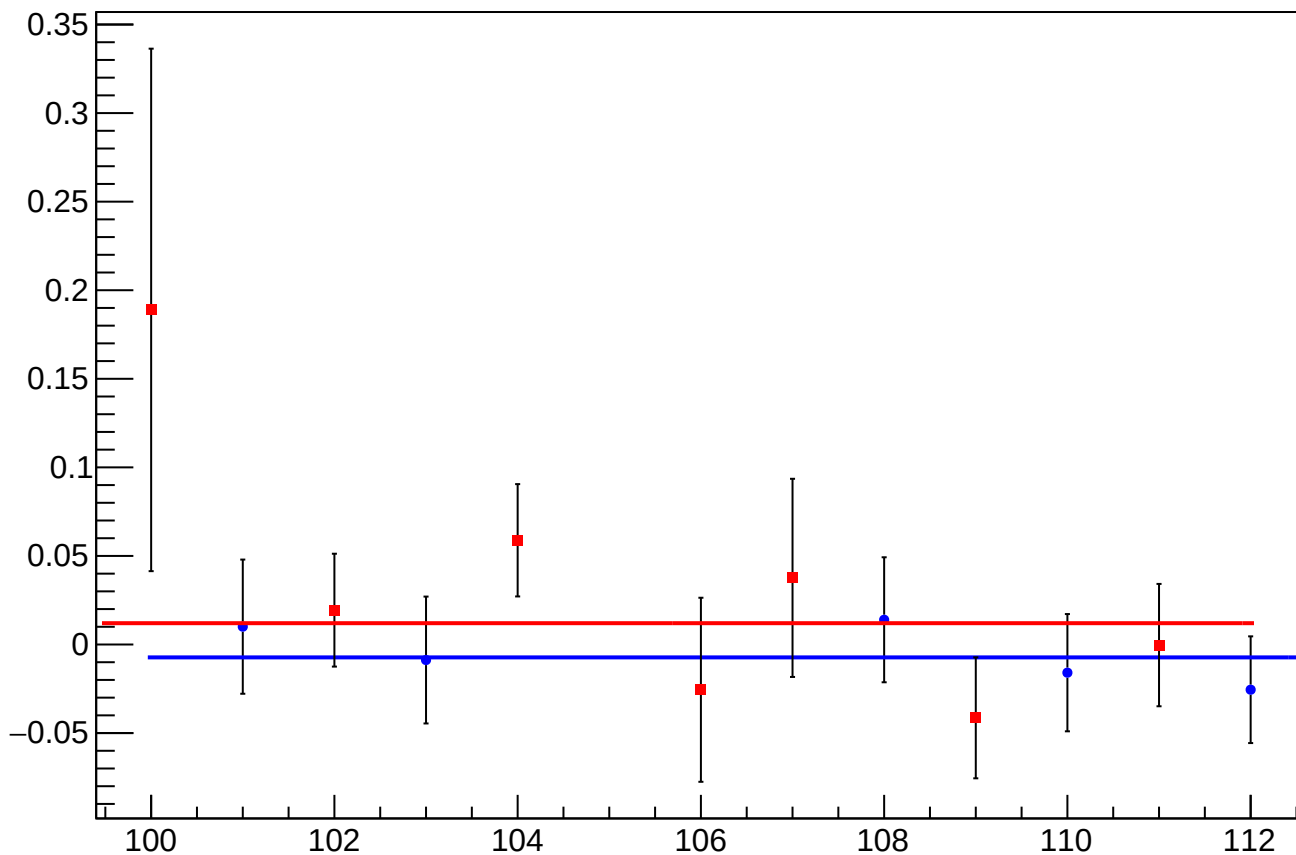
Right: 22.994+/-0.008 χ^2/NDF : 148612.7/11

In: 22.365+/-0.011 χ^2/NDF : 102494.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.994+/-0.008 χ^2/NDF : 148612.7/11

asym_us_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.015 χ^2 /NDF: 1.0/4

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

Right Out: 0.012 $\pm$ 0.015 χ^2 /NDF: 7.0/6

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

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

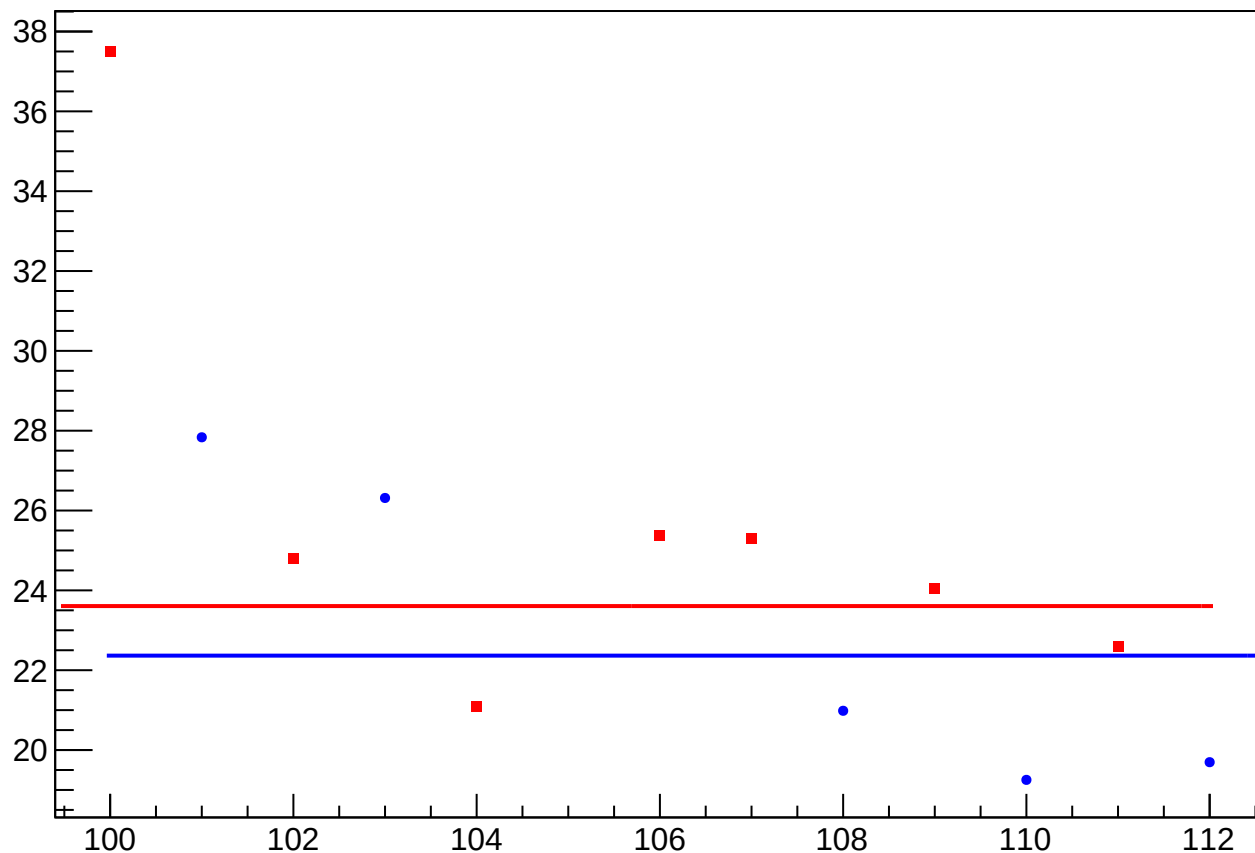
Right: 0.003 $\pm$ 0.011 χ^2 /NDF: 8.8/11

In: -0.007 $\pm$ 0.015 χ^2 /NDF:1.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.011 χ^2 /NDF: 8.8/11

asym_us_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.365+/-0.011 χ^2/NDF : 102494.3/4

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

Right Out: 23.607+/-0.011 χ^2/NDF : 39409.3/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

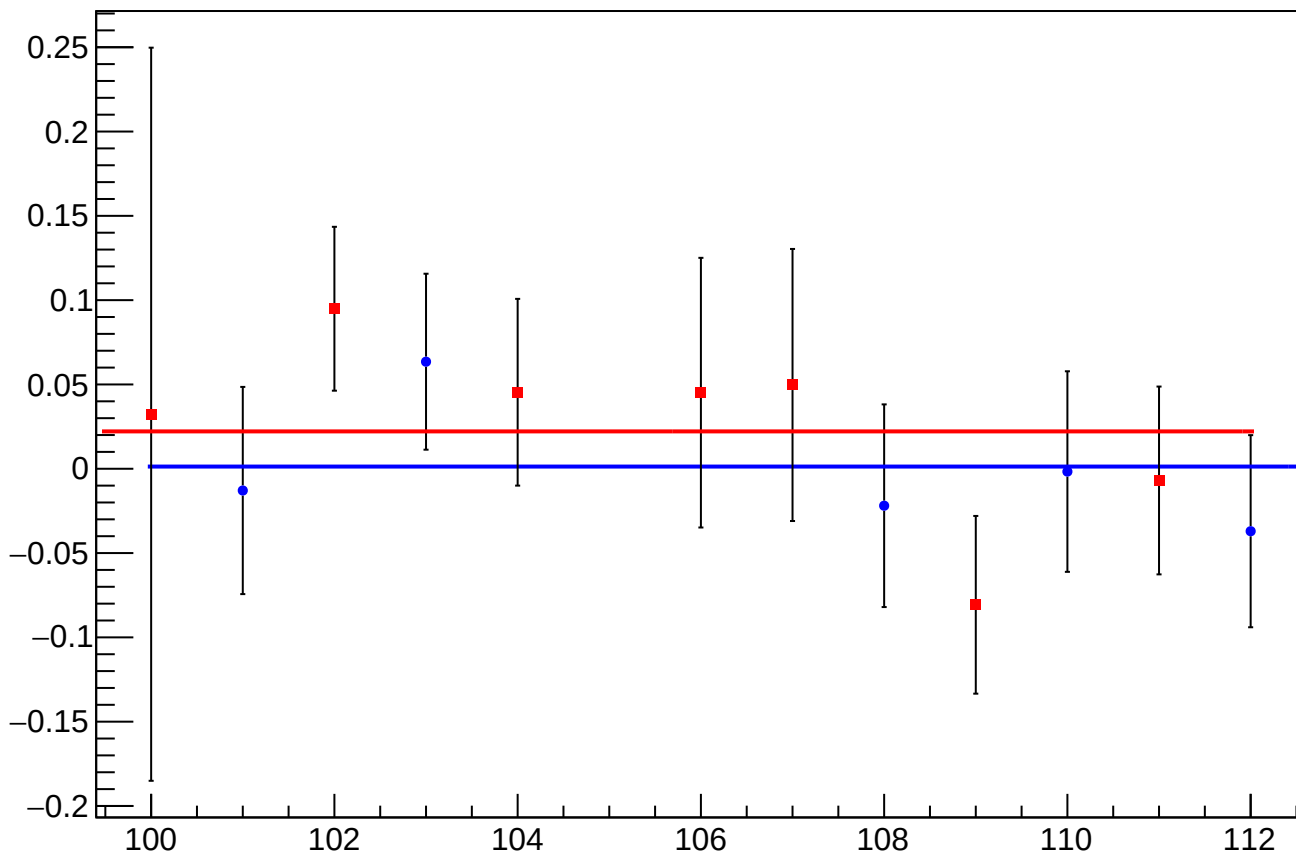
Right: 22.994+/-0.008 χ^2/NDF : 148612.7/11

In: 22.365+/-0.011 χ^2/NDF : 102494.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.994+/-0.008 χ^2/NDF : 148612.7/11

asym_us_dd_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.026 χ^2 /NDF: 2.1/4

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

Right Out: 0.022 $\pm$ 0.024 χ^2 /NDF: 6.7/6

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

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

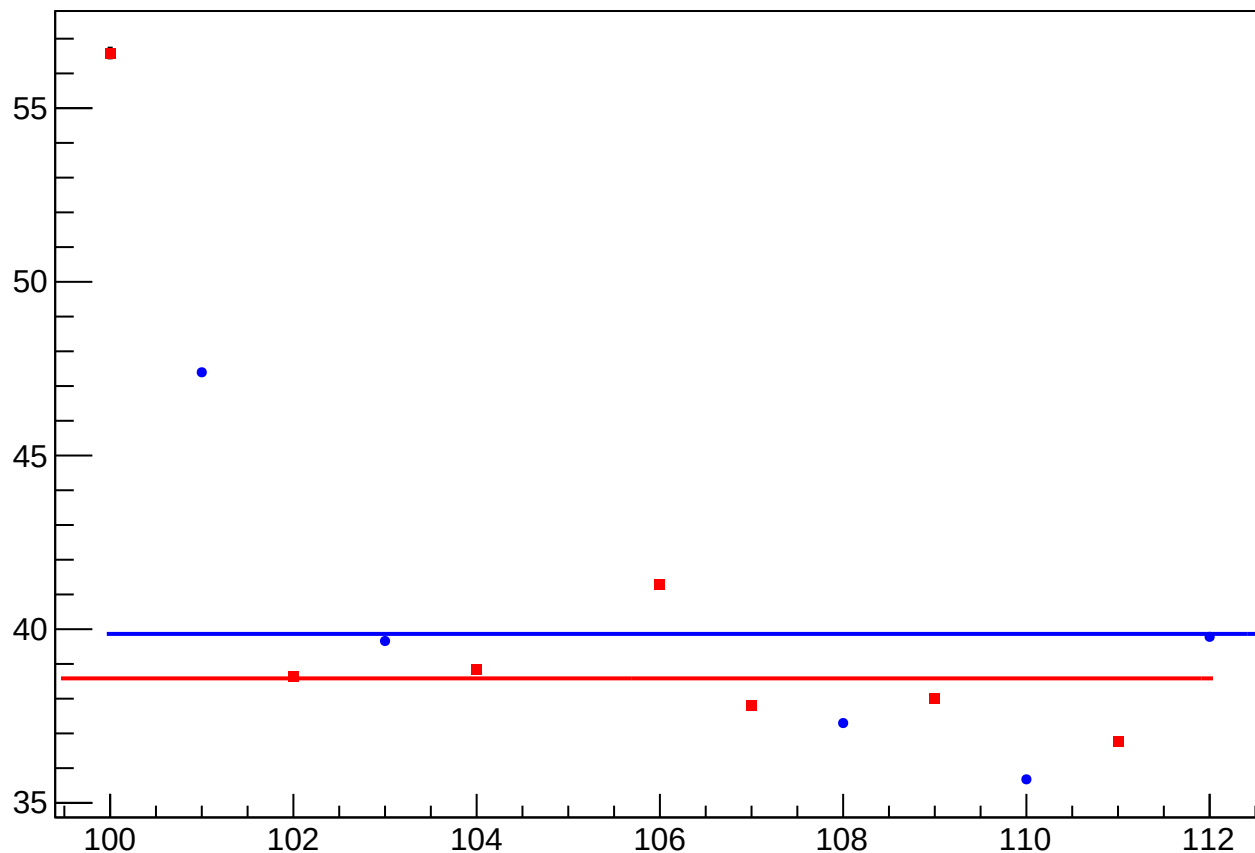
Right: 0.013 $\pm$ 0.018 χ^2 /NDF: 9.1/11

In: 0.001 $\pm$ 0.026 χ^2 /NDF:2.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.013 $\pm$ 0.018 χ^2 /NDF: 9.1/11

asym_us_dd_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.865+/-0.018 χ^2/NDF : 43640.2/4

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

Right Out: 38.584+/-0.017 χ^2/NDF : 18601.6/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

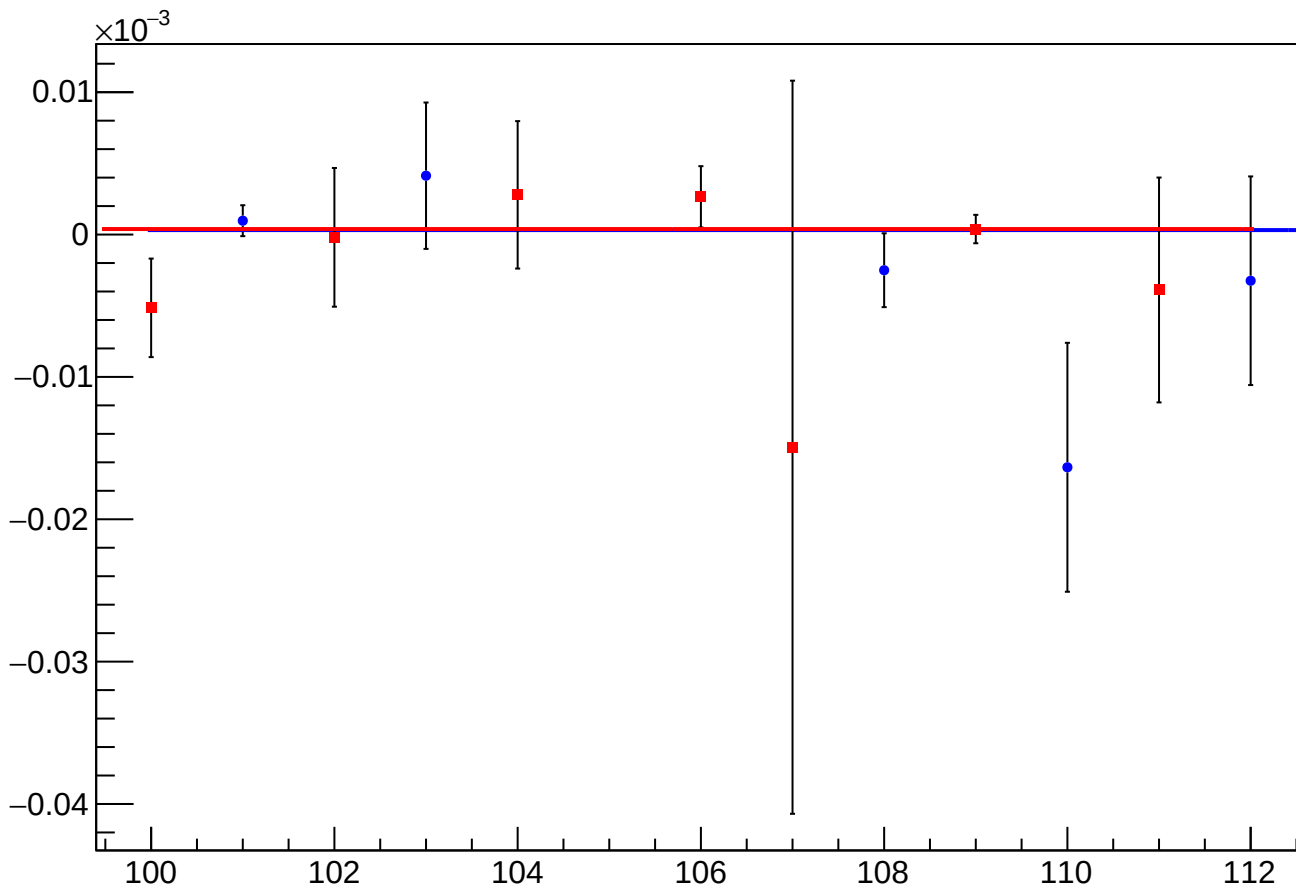
Right: 39.173+/-0.012 χ^2/NDF : 64898.7/11

In: 39.865+/-0.018 χ^2/NDF : 43640.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.173+/-0.012 χ^2/NDF : 64898.7/11

asym_us_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.0/4

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

Right Out: 0.000+/-0.000 χ^2/NDF : 4.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

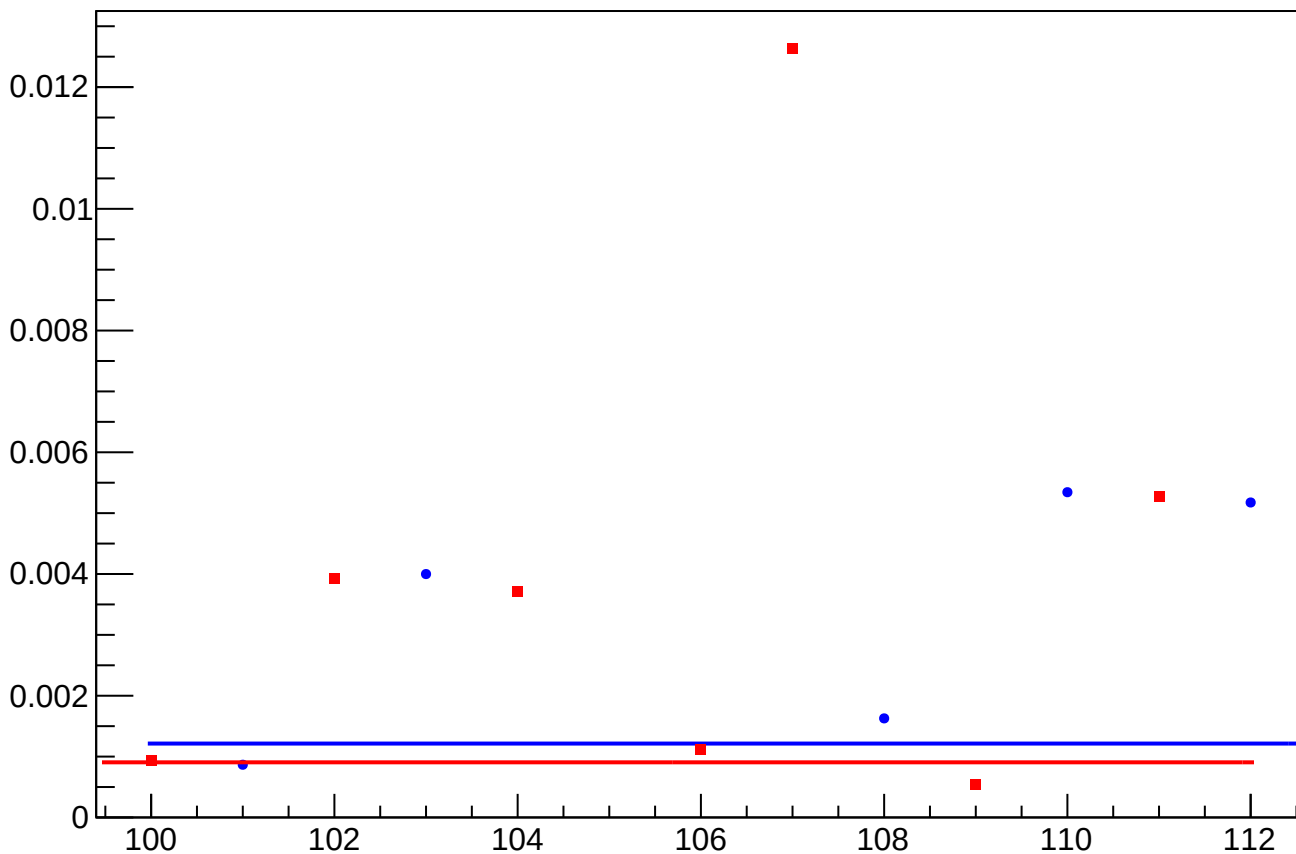
Right: 0.000+/-0.000 χ^2/NDF : 10.5/11

In: 0.000+/-0.000 χ^2/NDF : 6.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.5/11

asym_us_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1873814.8/4

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

Right Out: 0.001+/-0.000 χ^2/NDF : 2672708.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

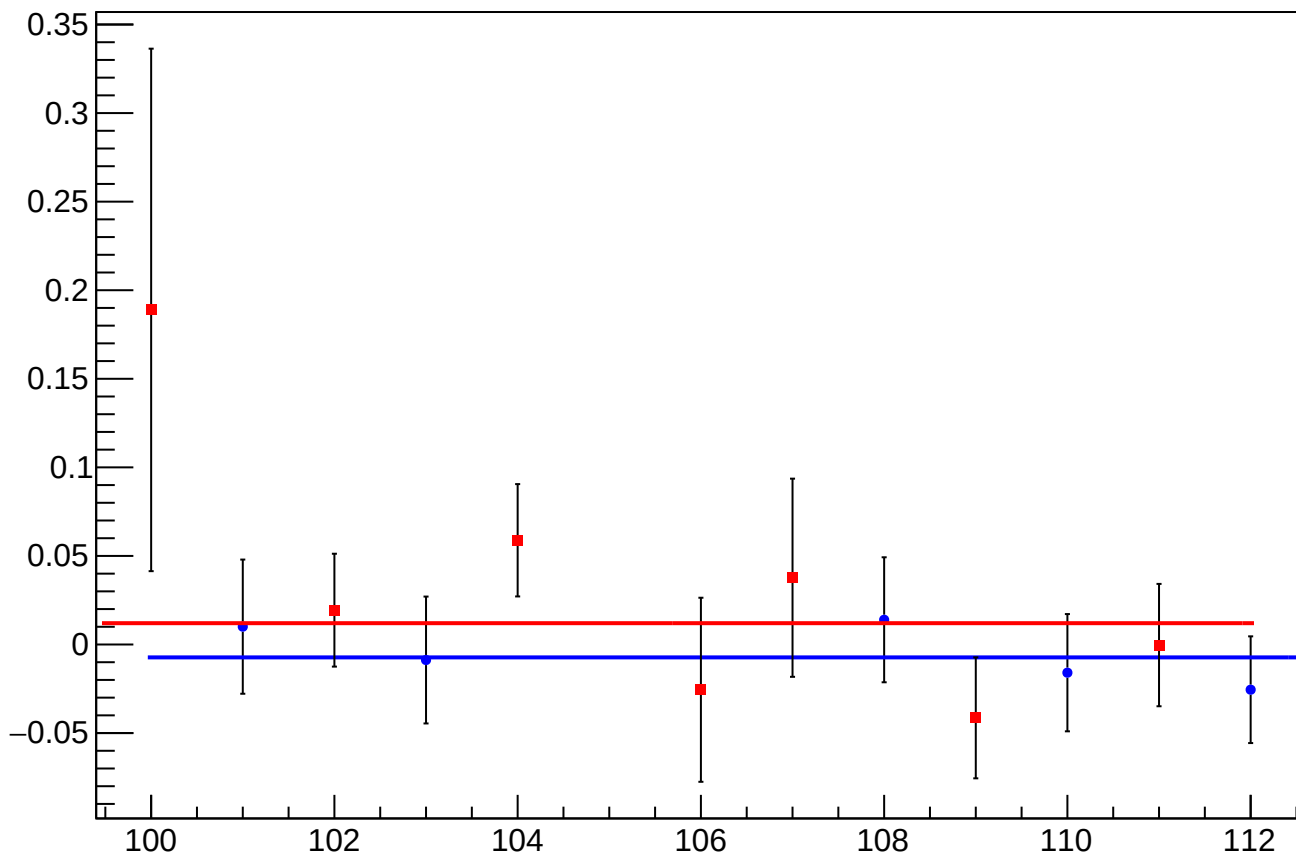
Right: 0.001+/-0.000 χ^2/NDF : 4661553.9/11

In: 0.001+/-0.000 χ^2/NDF : 1873814.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4661553.9/11

asym_us_dd_eigen_dit_vs_slug, Sign Corrected



Right In: -0.007 $\pm$ 0.015 χ^2 /NDF: 1.0/4

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

Right Out: 0.012 $\pm$ 0.015 χ^2 /NDF: 7.0/6

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

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

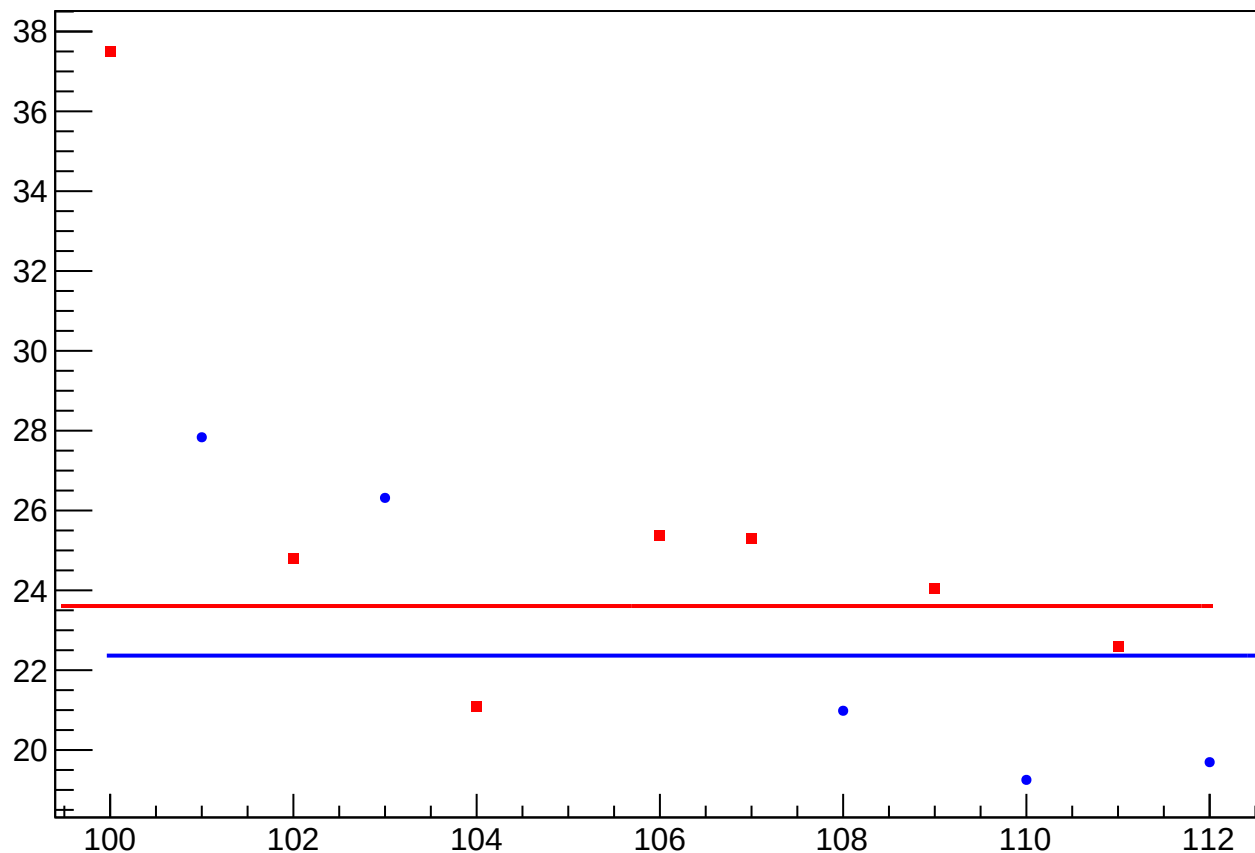
Right: 0.003 $\pm$ 0.011 χ^2 /NDF: 8.8/11

In: -0.007 $\pm$ 0.015 χ^2 /NDF:1.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.011 χ^2 /NDF: 8.8/11

asym_us_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.365+/-0.011 χ^2/NDF : 102528.8/4

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

Right Out: 23.607+/-0.011 χ^2/NDF : 39406.7/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

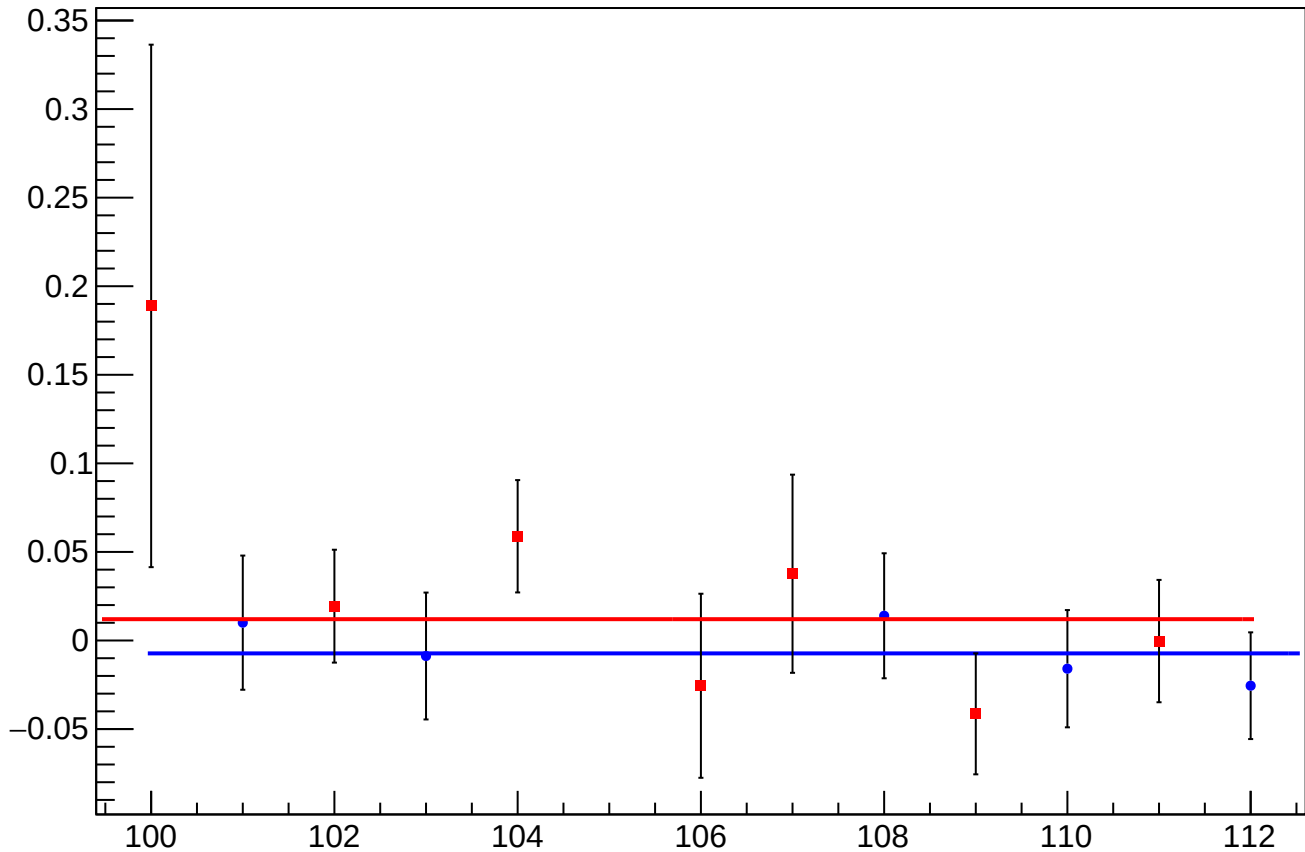
Right: 22.995+/-0.008 χ^2/NDF : 148653.9/11

In: 22.365+/-0.011 χ^2/NDF : 102528.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.995+/-0.008 χ^2/NDF : 148653.9/11

asym_us_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.015 χ^2 /NDF: 1.0/4

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

Right Out: 0.012 $\pm$ 0.015 χ^2 /NDF: 7.0/6

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

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

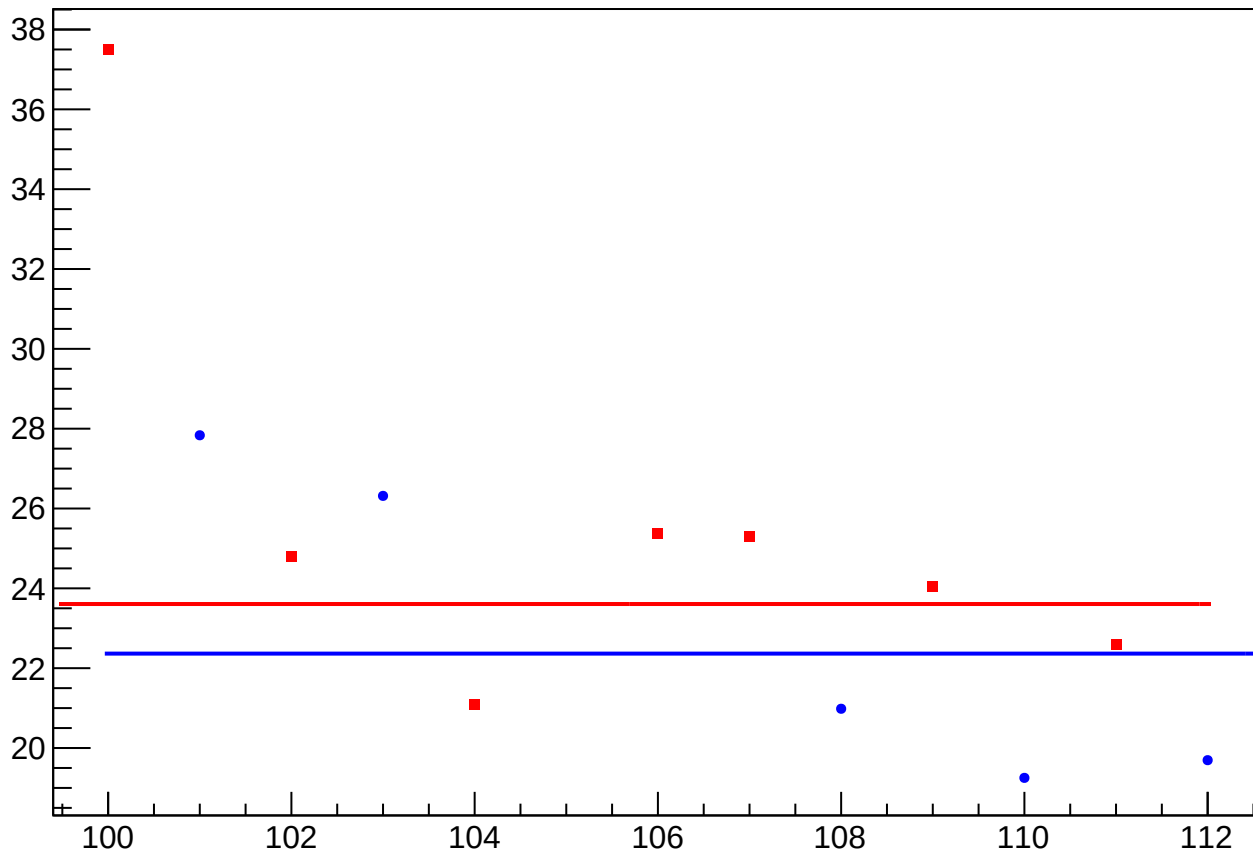
Right: 0.003 $\pm$ 0.011 χ^2 /NDF: 8.8/11

In: -0.007 $\pm$ 0.015 χ^2 /NDF:1.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.011 χ^2 /NDF: 8.8/11

asym_us_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.365+/-0.011 χ^2/NDF : 102528.8/4

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

Right Out: 23.607+/-0.011 χ^2/NDF : 39406.7/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

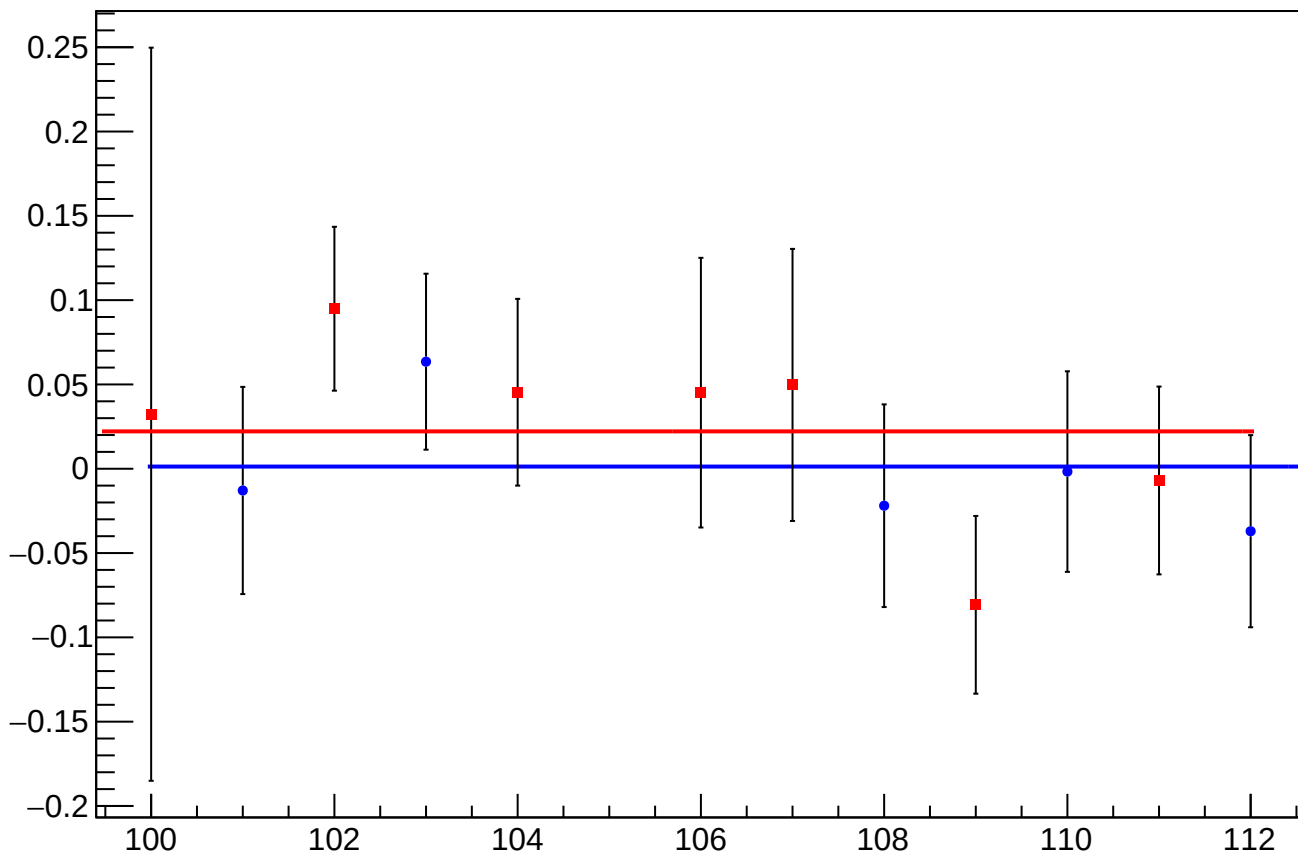
Right: 22.995+/-0.008 χ^2/NDF : 148653.9/11

In: 22.365+/-0.011 χ^2/NDF : 102528.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.995+/-0.008 χ^2/NDF : 148653.9/11

asym_us_dd_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.026 χ^2 /NDF: 2.1/4

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

Right Out: 0.022 $\pm$ 0.024 χ^2 /NDF: 6.7/6

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

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

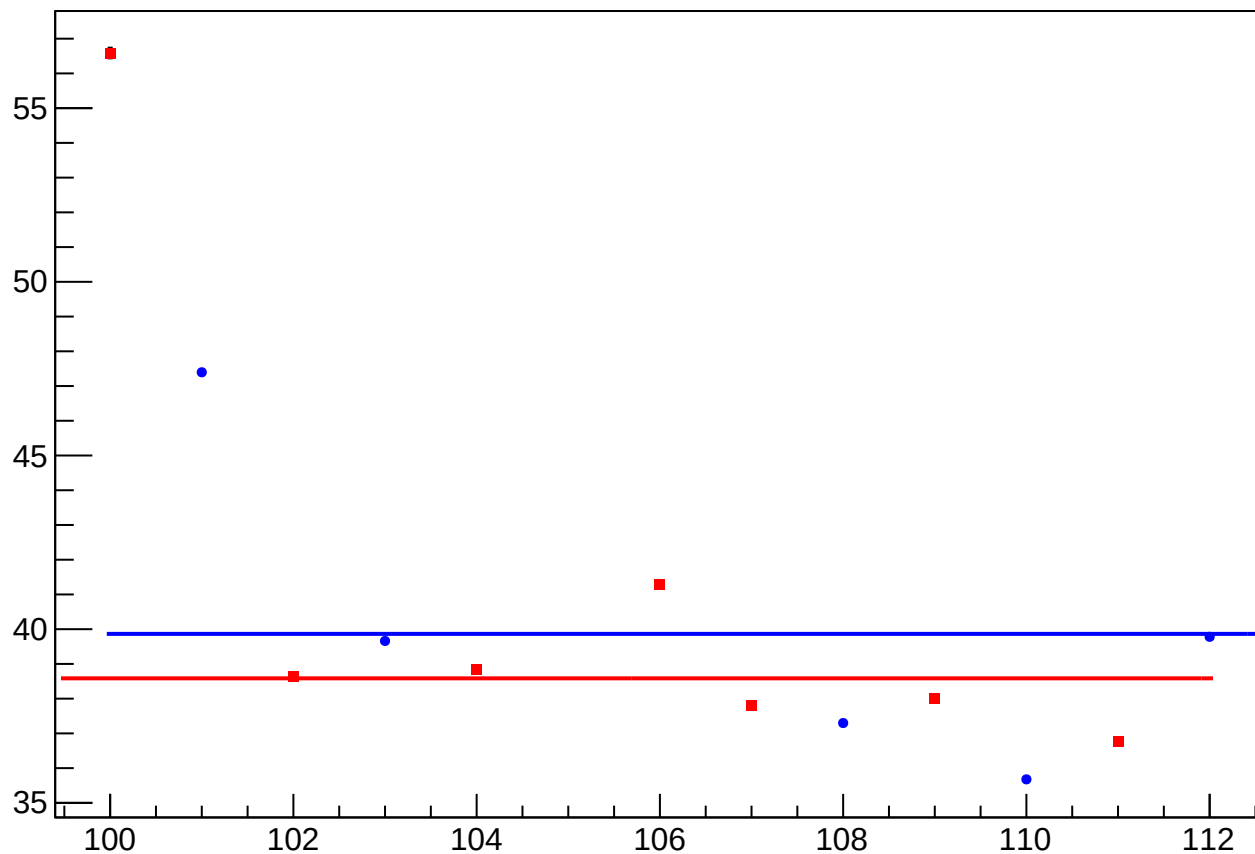
Right: 0.013 $\pm$ 0.018 χ^2 /NDF: 9.1/11

In: 0.001 $\pm$ 0.026 χ^2 /NDF:2.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.013 $\pm$ 0.018 χ^2 /NDF: 9.1/11

asym_us_dd_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.865+/-0.018 χ^2/NDF : 43643.5/4

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

Right Out: 38.585+/-0.017 χ^2/NDF : 18602.6/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

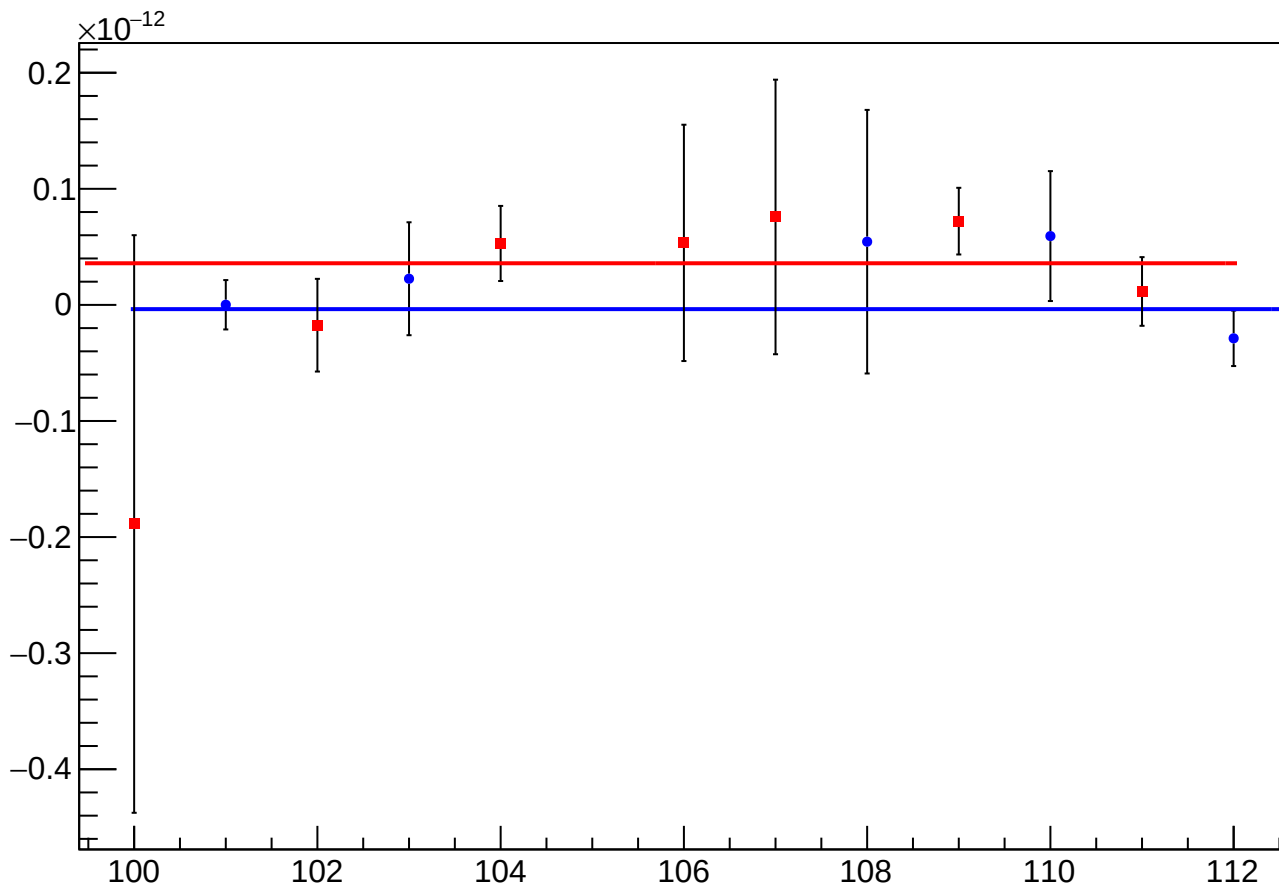
Right: 39.173+/-0.012 χ^2/NDF : 64902.3/11

In: 39.865+/-0.018 χ^2/NDF : 43643.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.173+/-0.012 χ^2/NDF : 64902.3/11

asym_us_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.0/4

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

Right Out: 0.000+/-0.000 χ^2/NDF : 5.3/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

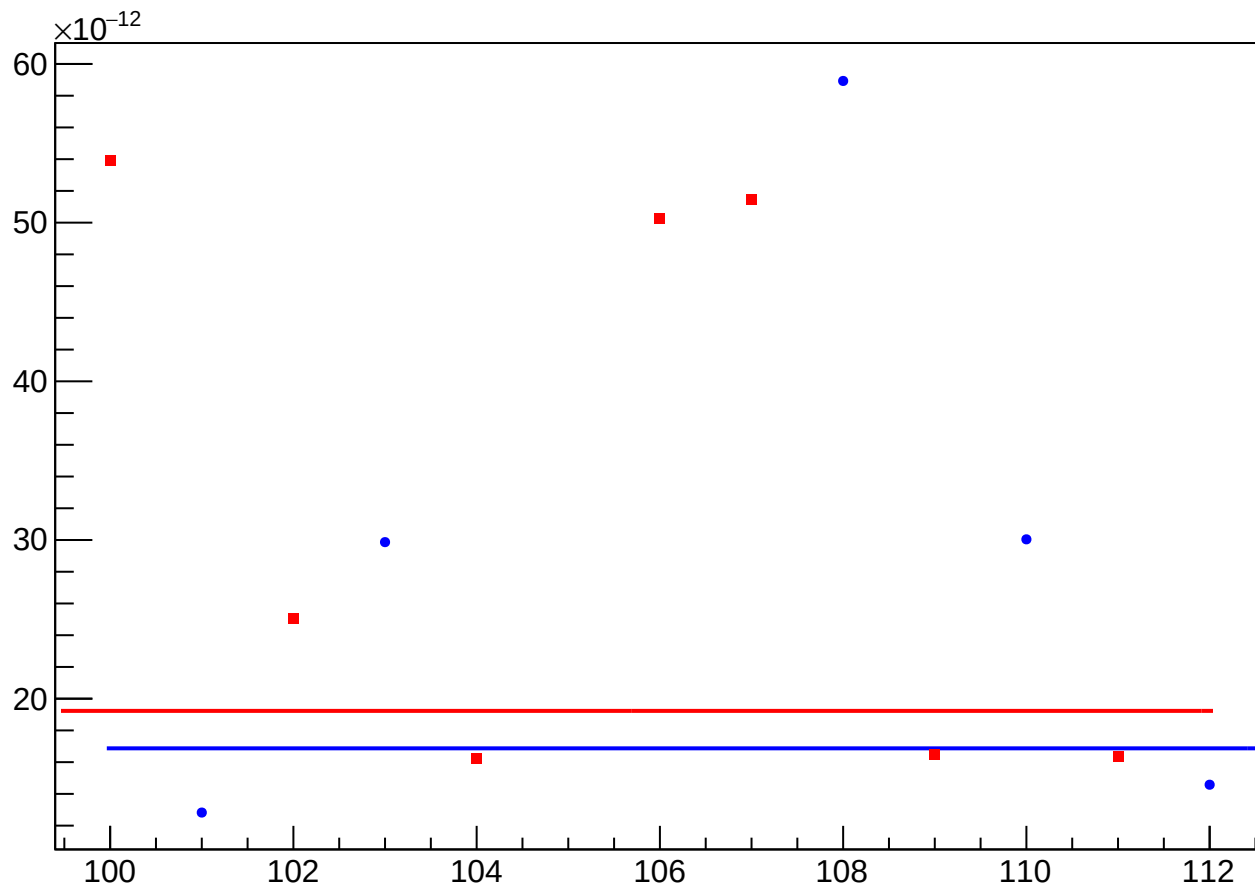
Right: 0.000+/-0.000 χ^2/NDF : 11.7/11

In: -0.000+/-0.000 χ^2/NDF : 3.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.7/11

asym_us_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 618905.4/4

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

Right Out: 0.000+/-0.000 χ^2/NDF : 470257.6/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

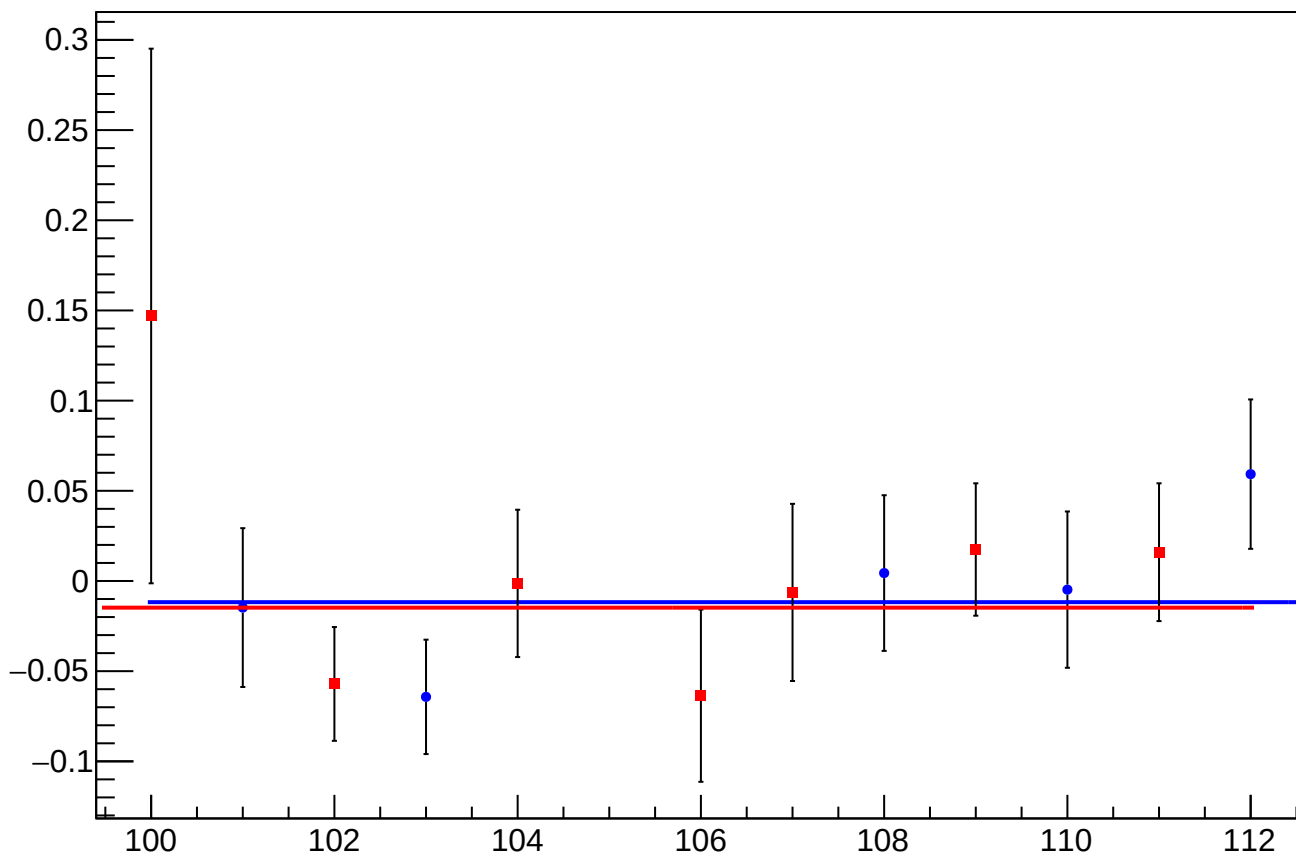
Right: 0.000+/-0.000 χ^2/NDF : 1113830.4/11

In: 0.000+/-0.000 χ^2/NDF : 618905.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1113830.4/11

asym_us_dd_overload_cor_vs_slug_diff_mean vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.018 χ^2 /NDF: 5.9/4

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

Right Out: -0.015 $\pm$ 0.016 χ^2 /NDF: 5.6/6

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

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

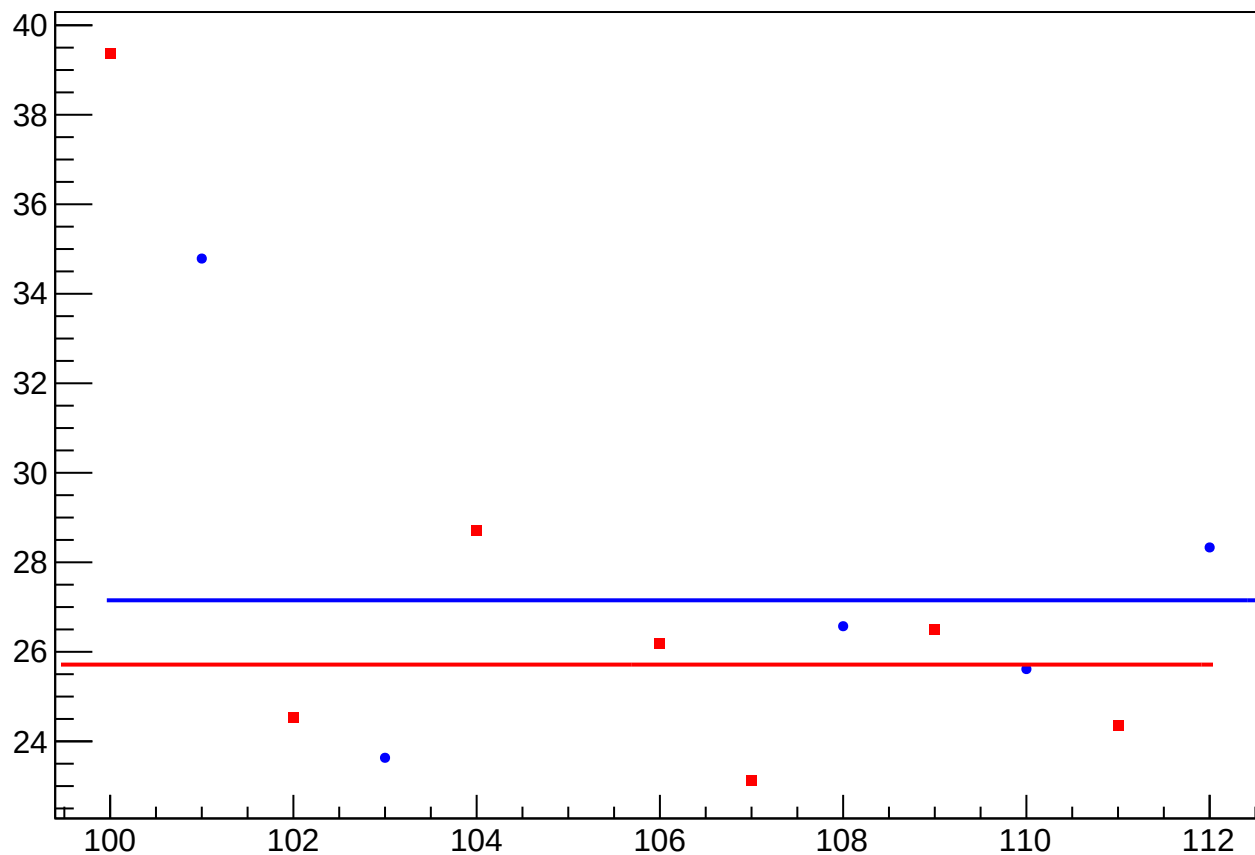
Right: -0.013 $\pm$ 0.012 χ^2 /NDF: 11.5/11

In: -0.012 $\pm$ 0.018 χ^2 /NDF:5.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.012 χ^2 /NDF: 11.5/11

asym_us_dd_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.151+/-0.013 χ^2/NDF : 89288.6/4

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

Right Out: 25.715+/-0.011 χ^2/NDF : 39684.6/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

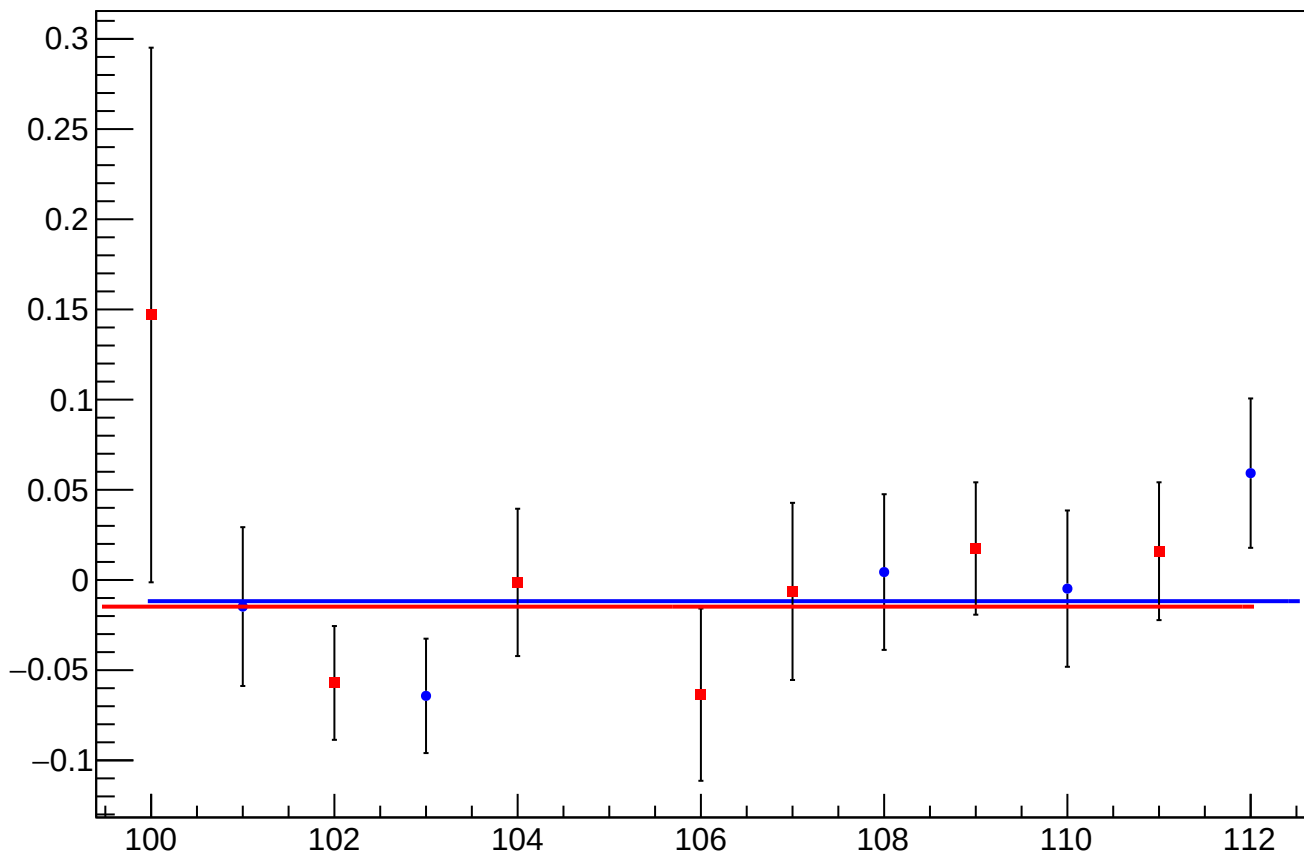
Right: 26.355+/-0.008 χ^2/NDF : 136207.3/11

In: 27.151+/-0.013 χ^2/NDF : 89288.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.355+/-0.008 χ^2/NDF : 136207.3/11

asym_us_dd_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.018 χ^2 /NDF: 5.9/4

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

Right Out: -0.015 $\pm$ 0.016 χ^2 /NDF: 5.6/6

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

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

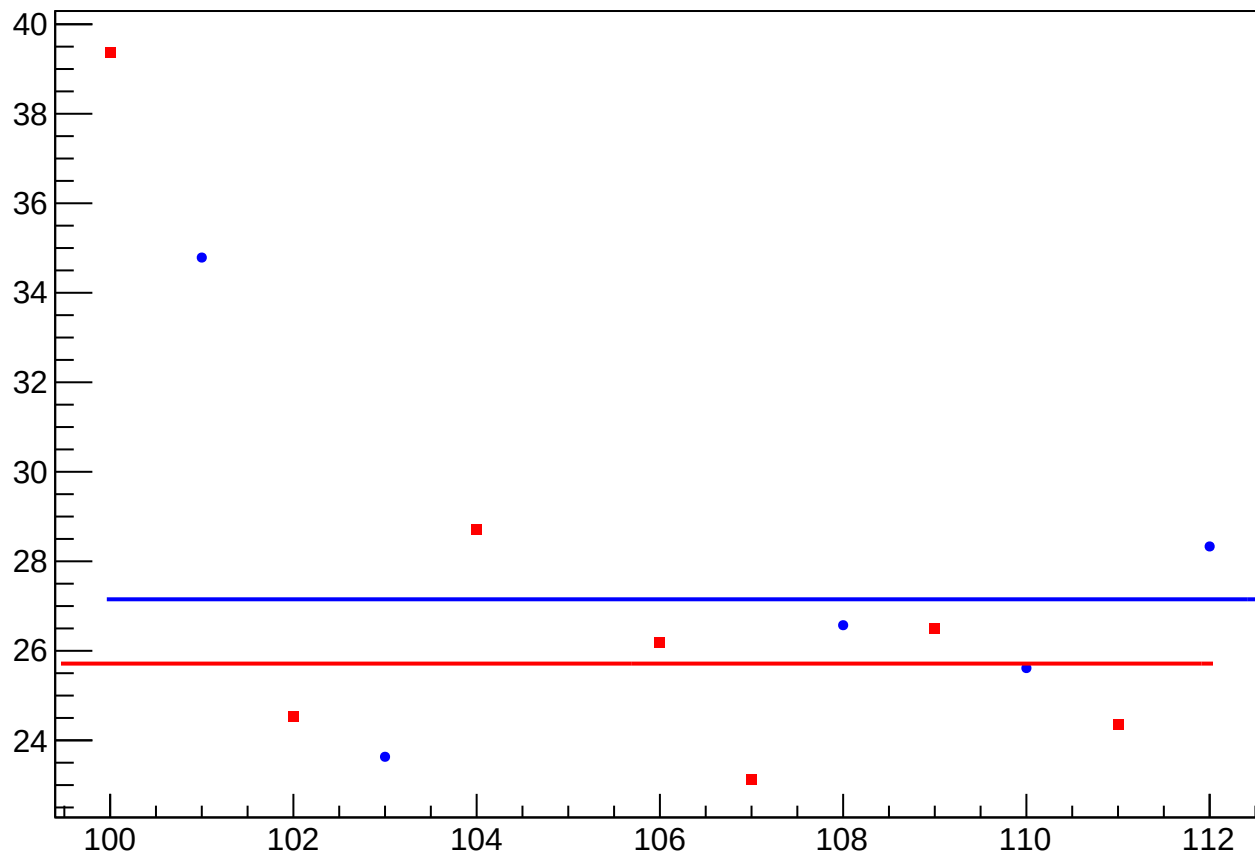
Right: -0.013 $\pm$ 0.012 χ^2 /NDF: 11.5/11

In: -0.012 $\pm$ 0.018 χ^2 /NDF:5.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.012 χ^2 /NDF: 11.5/11

asym_us_dd_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.151+/-0.013 χ^2/NDF : 89288.6/4

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

Right Out: 25.715+/-0.011 χ^2/NDF : 39684.6/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

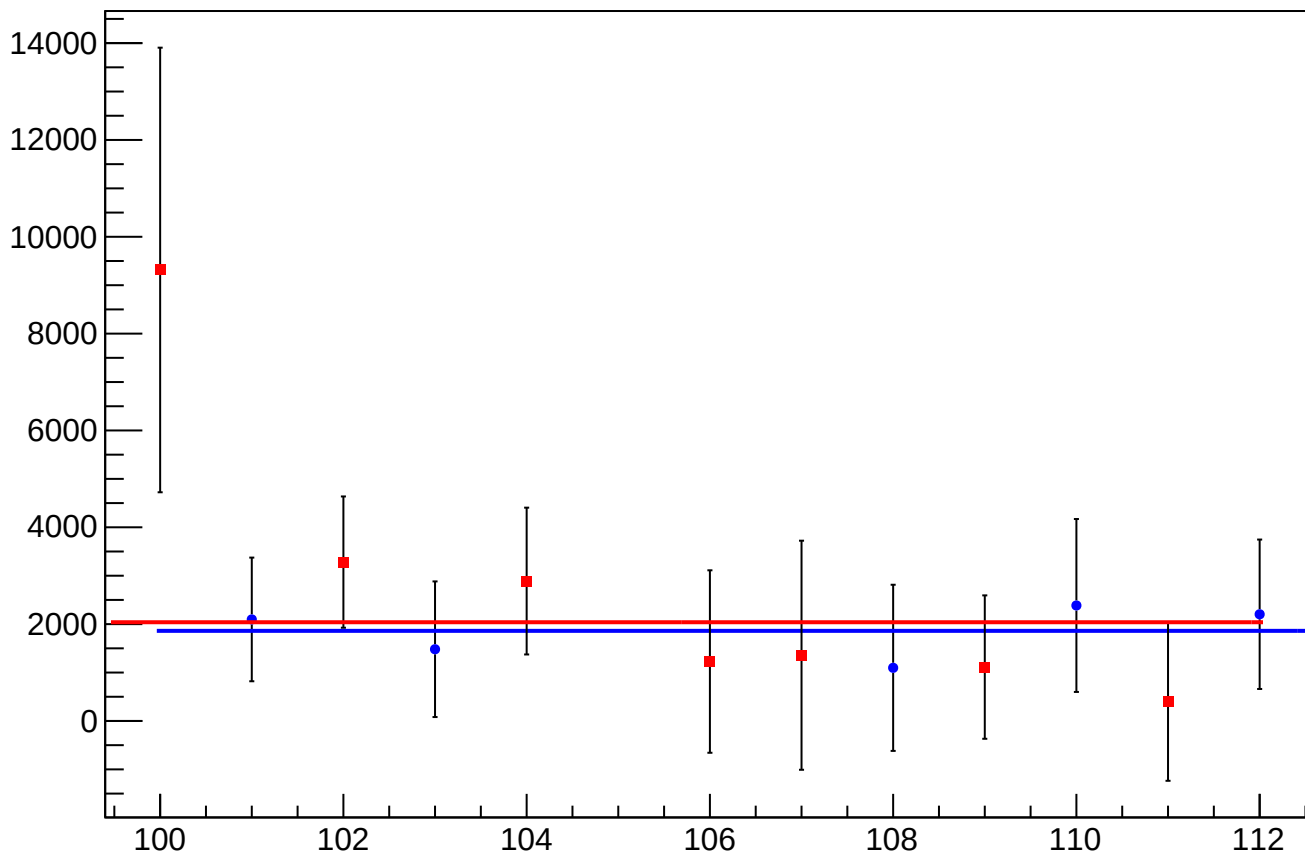
Right: 26.355+/-0.008 χ^2/NDF : 136207.3/11

In: 27.151+/-0.013 χ^2/NDF : 89288.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.355+/-0.008 χ^2/NDF : 136207.3/11

reg_asym_usl_mean vs Slug, Sign Corrected



Right In: 1861.127+/-674.796 χ^2/NDF : 0.4/4

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

Right Out: 2039.128+/-656.658 χ^2/NDF : 5.3/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

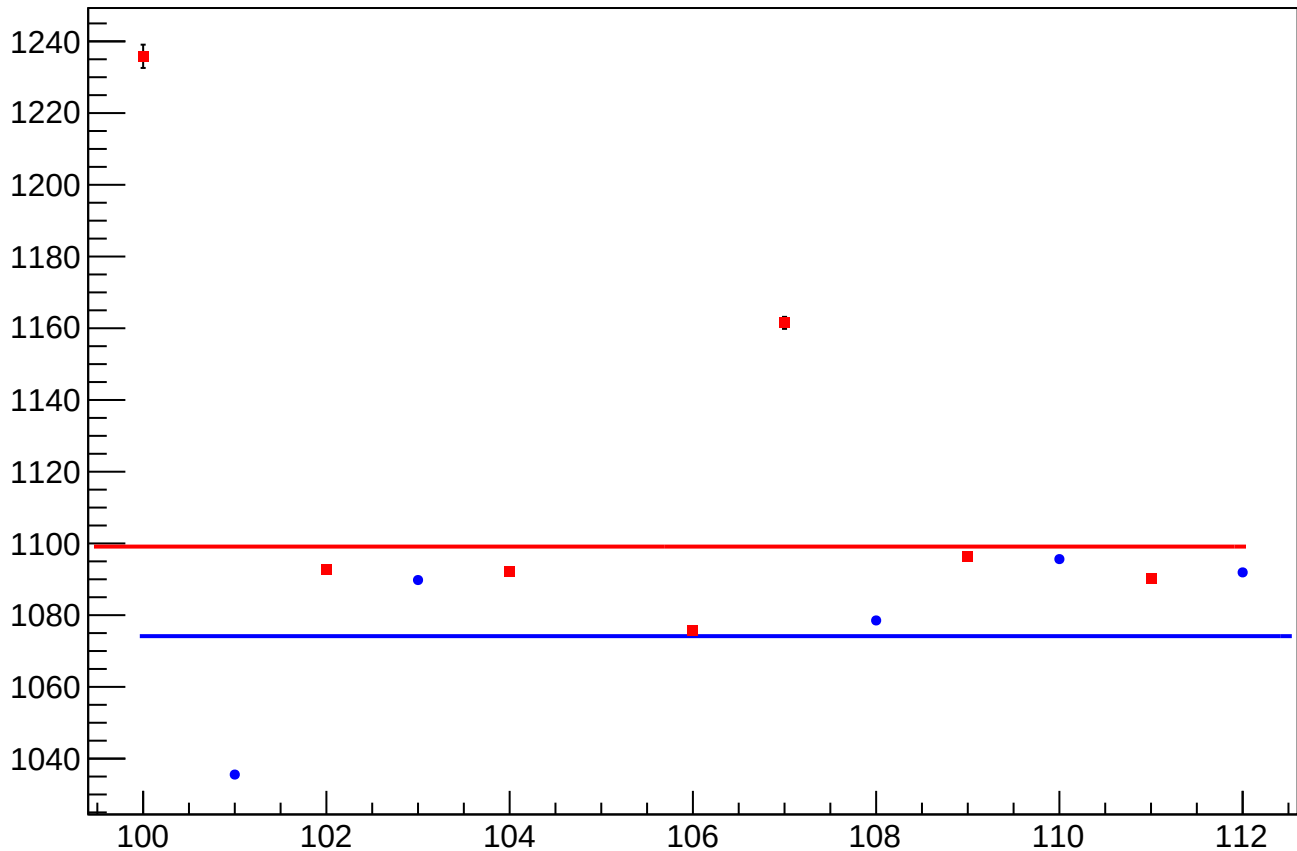
Right: 1952.552+/-470.609 χ^2/NDF : 5.8/11

In: 1861.127+/-674.796 χ^2/NDF : 0.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1952.552+/-470.609 χ^2/NDF : 5.8/11

reg_asym_usl_rms vs Slug, Sign Corrected



Right In: 1074.150+/-0.477 χ^2/NDF : 2644.2/4

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

Right Out: 1099.121+/-0.464 χ^2/NDF : 3624.0/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

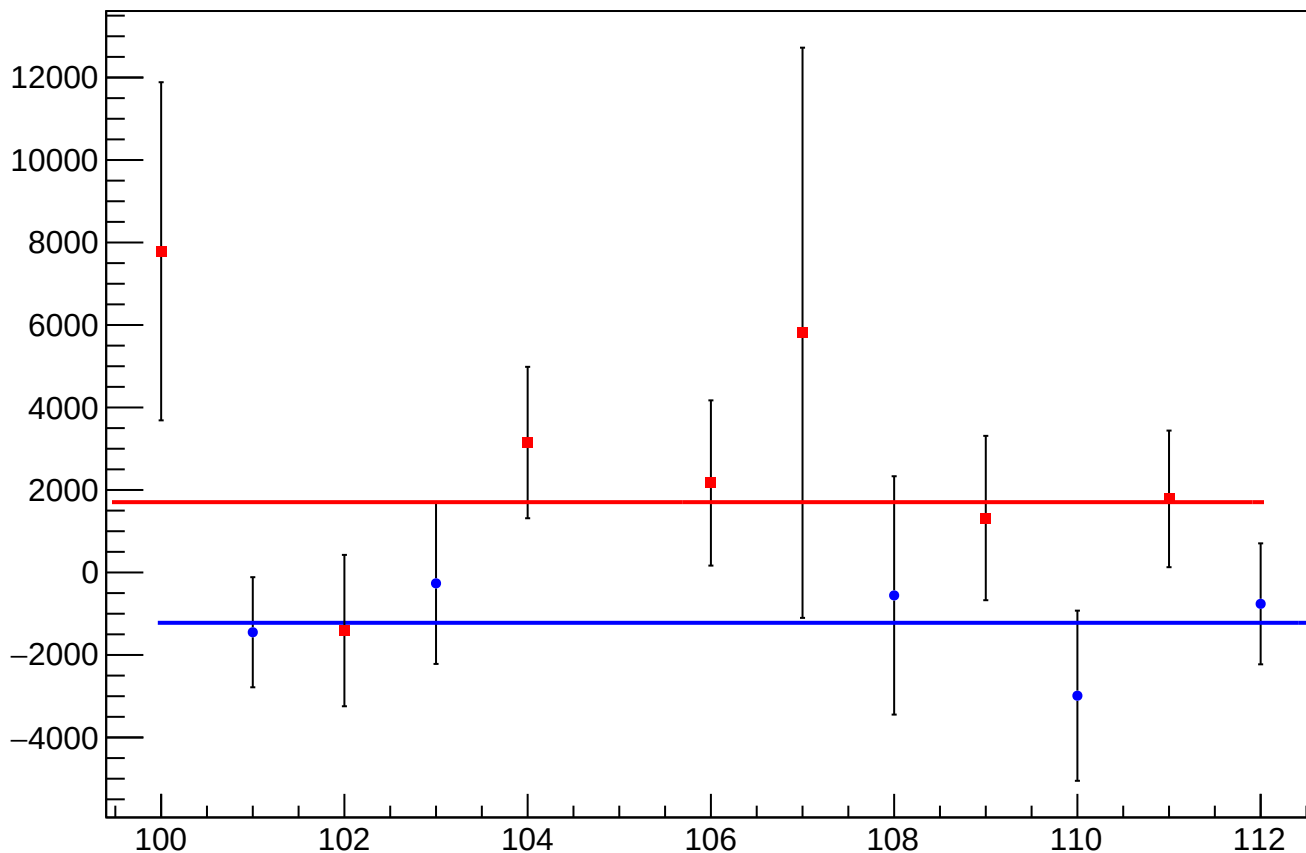
Right: 1086.976+/-0.333 χ^2/NDF : 7674.9/11

In: 1074.150+/-0.477 χ^2/NDF : 2644.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1086.976+/-0.333 χ^2/NDF : 7674.9/11

asym_usl_reg_correction_mean vs Slug, Sign Corrected



Right In: -1220.237+/-780.147 χ^2/NDF : 1.2/4

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

Right Out: 1704.777+/-805.782 χ^2/NDF : 6.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

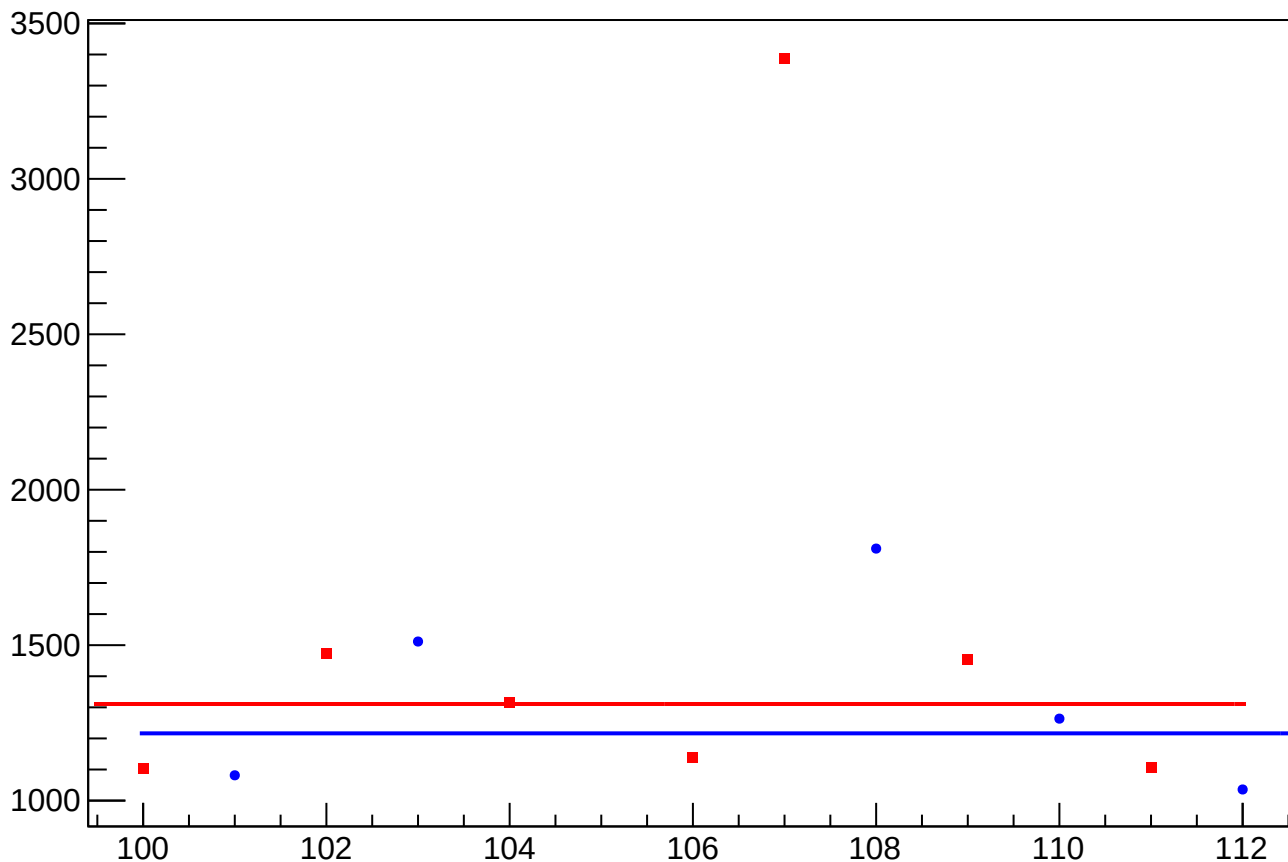
Right: 195.002+/-560.491 χ^2/NDF : 14.1/11

In: -1220.237+/-780.147 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.002+/-560.491 χ^2/NDF : 14.1/11

asym_usl_reg_correction_rms vs Slug, Sign Corrected



Right In: 1216.332+/-0.552 χ^2/NDF : 182122.7/4

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

Right Out: 1310.746+/-0.570 χ^2/NDF : 257495.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

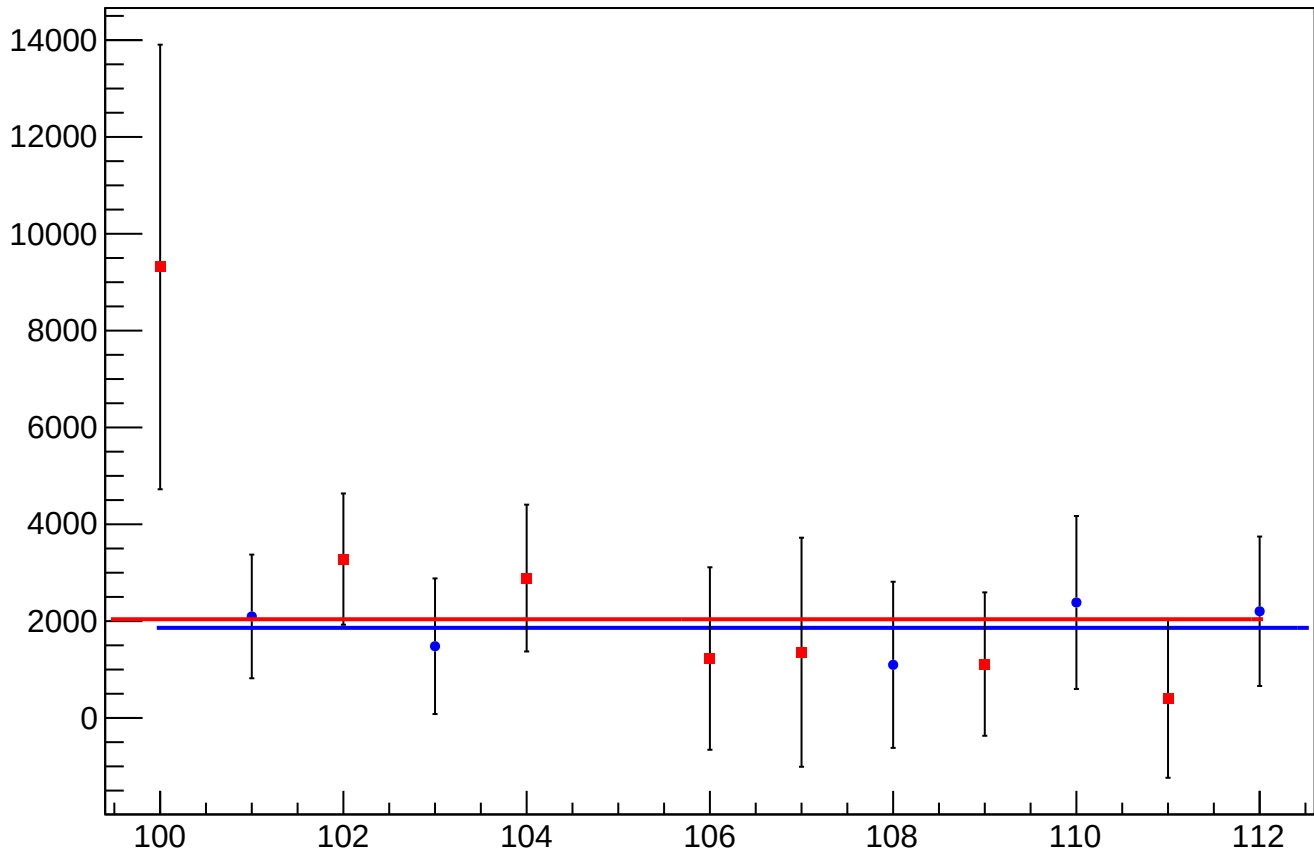
Right: 1262.013+/-0.396 χ^2/NDF : 453790.3/11

In: 1216.332+/-0.552 χ^2/NDF : 182122.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1262.013+/-0.396 χ^2/NDF : 453790.3/11

cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 1861.127+/-674.796 χ^2/NDF : 0.4/4

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

Right Out: 2039.128+/-656.658 χ^2/NDF : 5.3/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

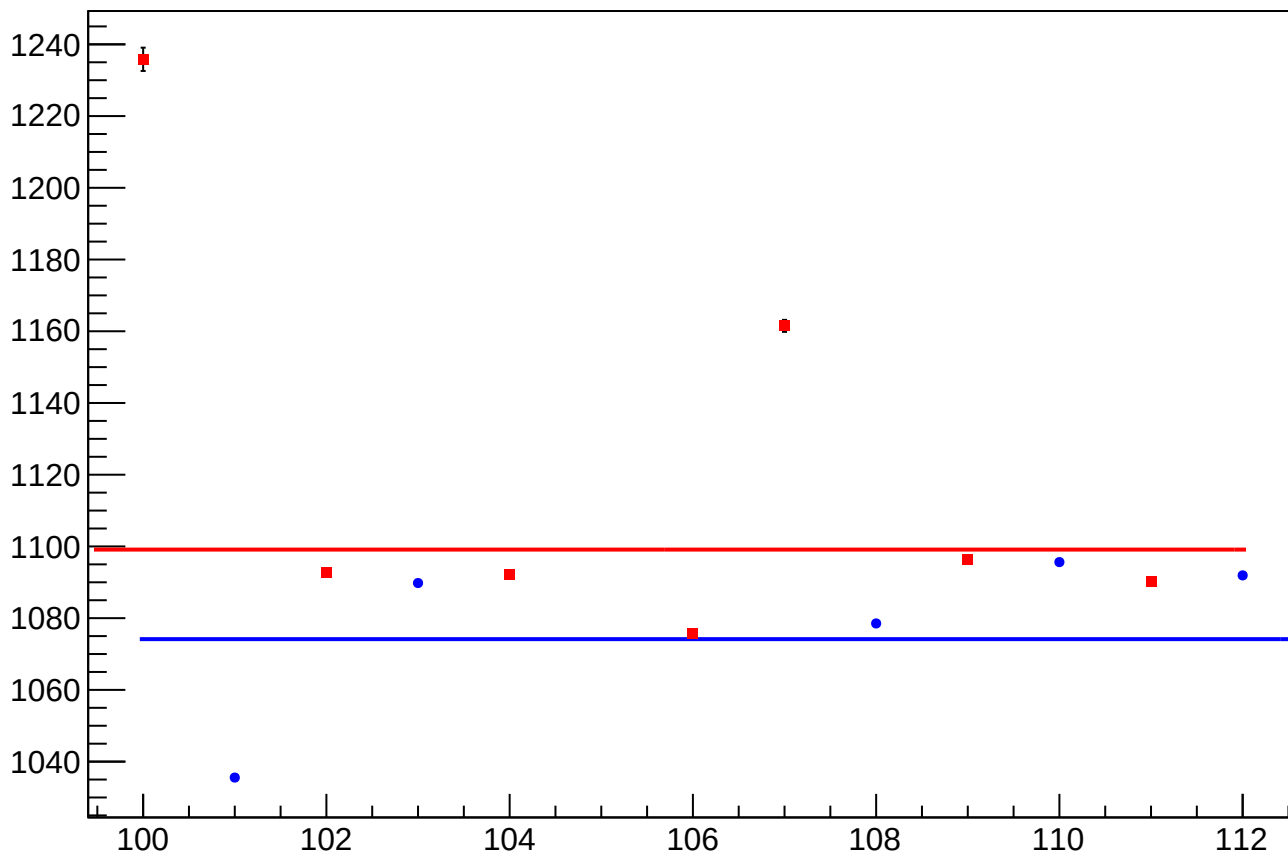
Right: 1952.552+/-470.609 χ^2/NDF : 5.8/11

In: 1861.127+/-674.796 χ^2/NDF : 0.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1952.552+/-470.609 χ^2/NDF : 5.8/11

cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1074.150 ± 0.477 χ^2/NDF : 2644.2/4

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

Right Out: 1099.121 ± 0.464 χ^2/NDF : 3624.0/6

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

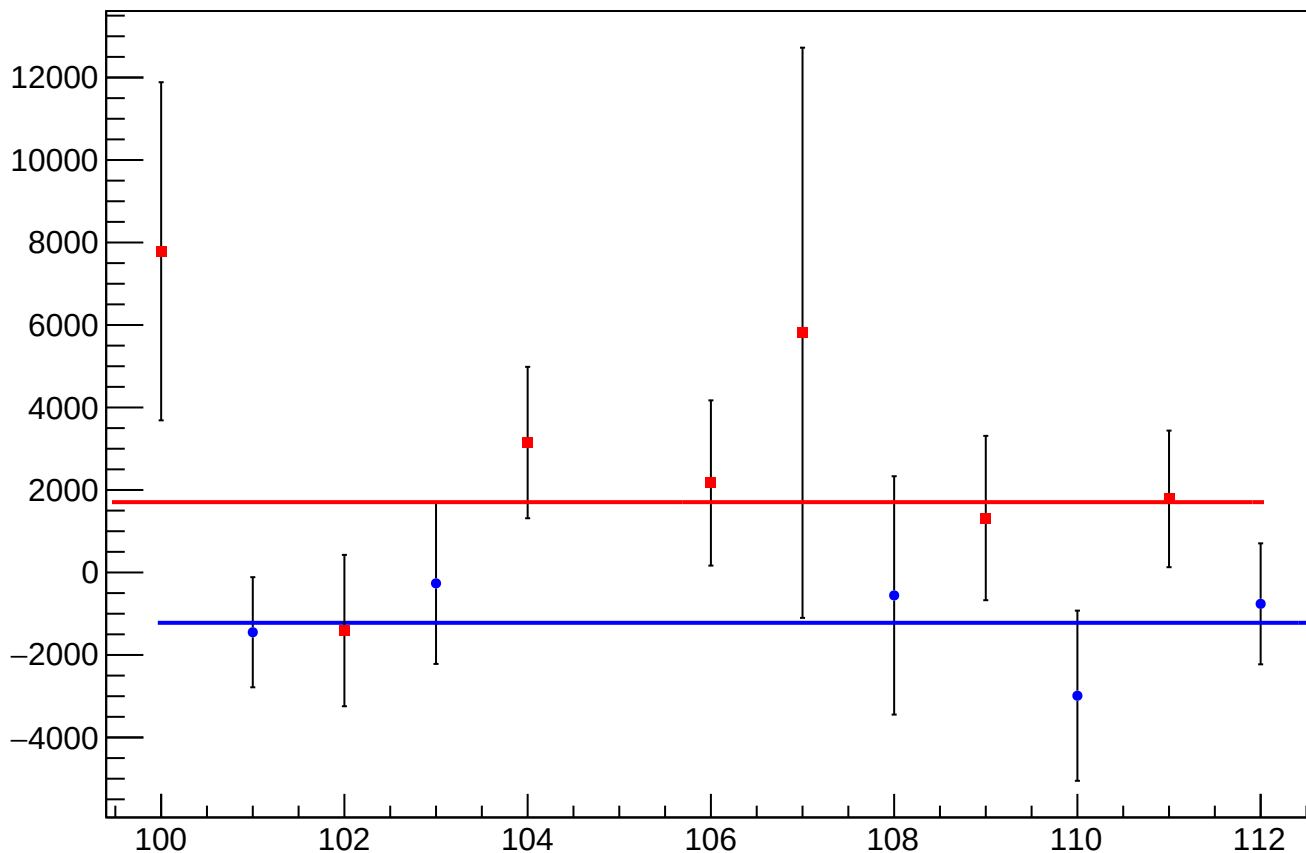
Right: 1086.976 ± 0.333 χ^2/NDF : 7674.9/11

In: 1074.150 ± 0.477 χ^2/NDF : 2644.2/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1086.976 ± 0.333 χ^2/NDF : 7674.9/11

asym_usl_cor_correction_mean vs Slug, Sign Corrected



Right In: -1220.237+/-780.147 χ^2/NDF : 1.2/4

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

Right Out: 1704.777+/-805.782 χ^2/NDF : 6.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

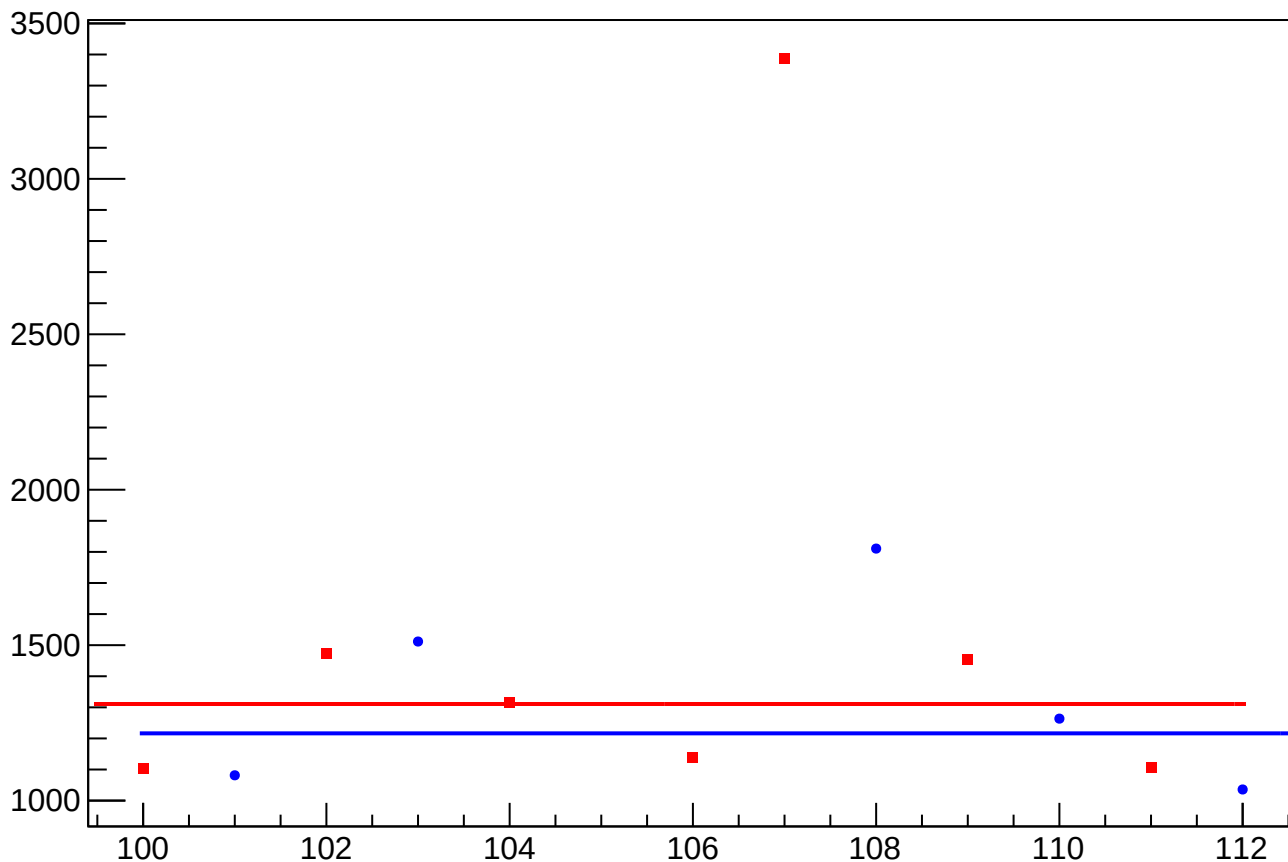
Right: 195.002+/-560.491 χ^2/NDF : 14.1/11

In: -1220.237+/-780.147 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.002+/-560.491 χ^2/NDF : 14.1/11

asym_usl_cor_correction_rms vs Slug, Sign Corrected



Right In: 1216.332+/-0.552 χ^2/NDF : 182122.7/4

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

Right Out: 1310.746+/-0.570 χ^2/NDF : 257495.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

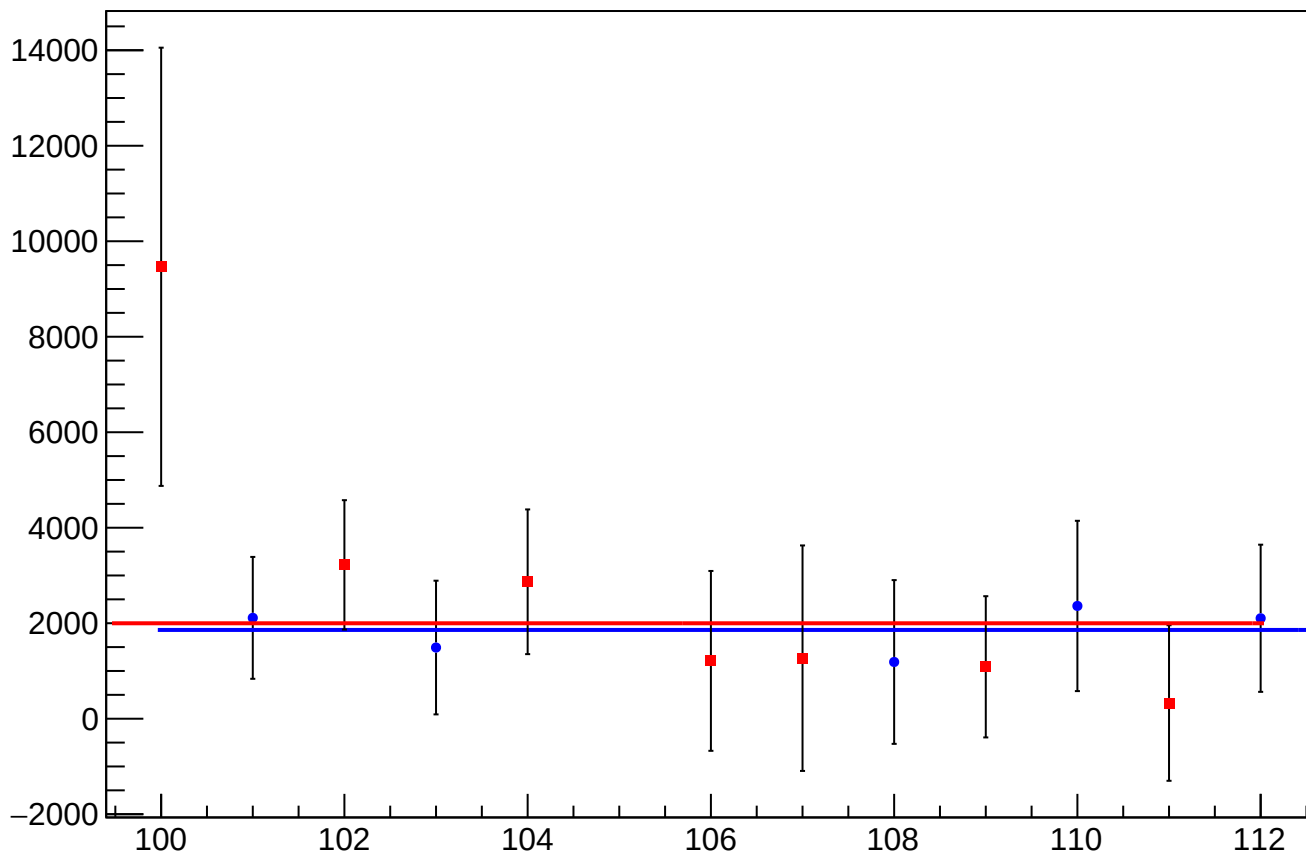
Right: 1262.013+/-0.396 χ^2/NDF : 453790.3/11

In: 1216.332+/-0.552 χ^2/NDF : 182122.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1262.013+/-0.396 χ^2/NDF : 453790.3/11

overload_cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 1859.251+/-674.263 χ^2/NDF : 0.4/4

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

Right Out: 1998.816+/-656.100 χ^2/NDF : 5.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

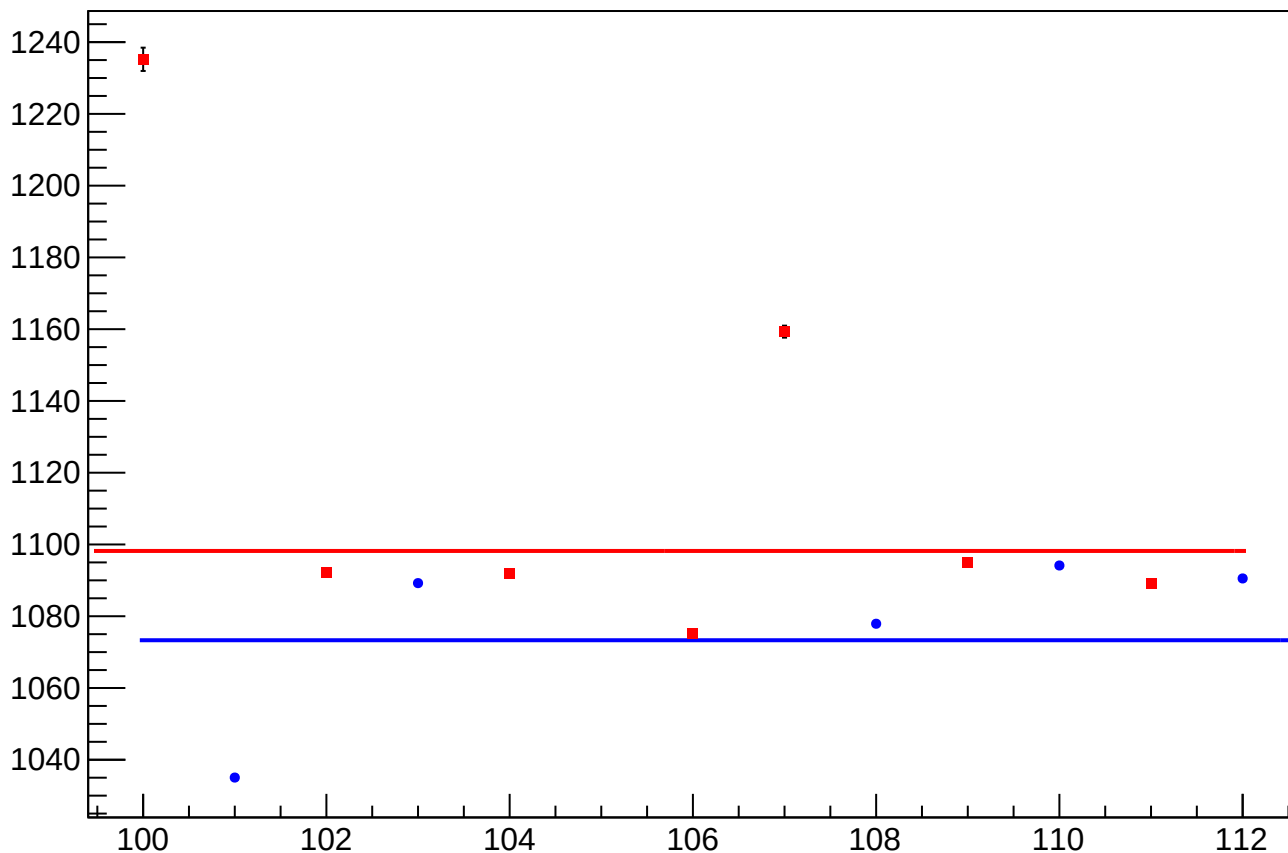
Right: 1930.939+/-470.223 χ^2/NDF : 5.9/11

In: 1859.251+/-674.263 χ^2/NDF : 0.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1930.939+/-470.223 χ^2/NDF : 5.9/11

overload_cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1073.309+/-0.477 χ^2/NDF : 2593.5/4

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

Right Out: 1098.193+/-0.464 χ^2/NDF : 3569.0/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

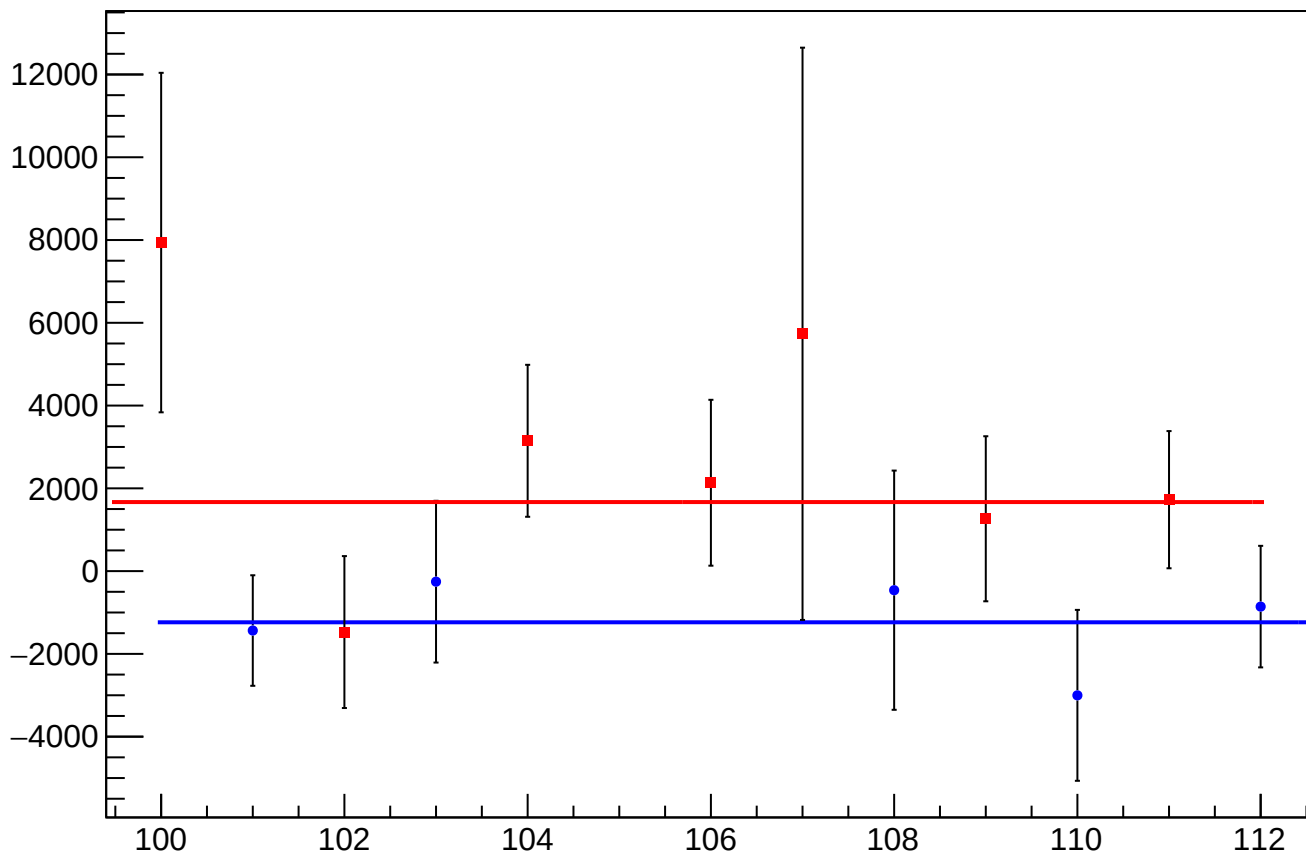
Right: 1086.091+/-0.332 χ^2/NDF : 7561.7/11

In: 1073.309+/-0.477 χ^2/NDF : 2593.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1086.091+/-0.332 χ^2/NDF : 7561.7/11

asym_usl_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: -1236.695+/-780.735 χ^2/NDF : 1.1/4

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

Right Out: 1668.524+/-806.256 χ^2/NDF : 6.4/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

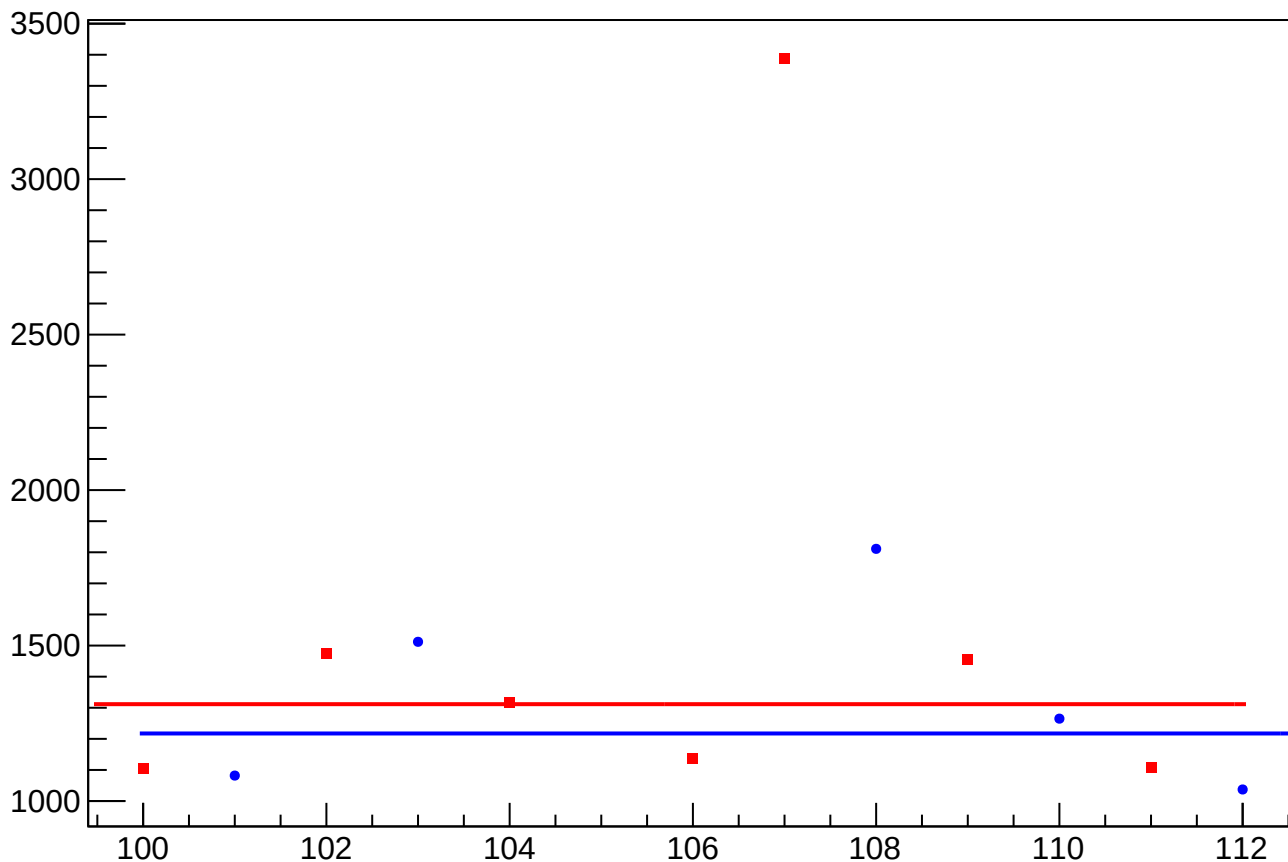
Right: 169.206+/-560.869 χ^2/NDF : 14.2/11

In: -1236.695+/-780.735 χ^2/NDF : 1.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.206+/-560.869 χ^2/NDF : 14.2/11

asym_usl_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 1217.314+/-0.552 χ^2/NDF : 181618.2/4

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

Right Out: 1311.561+/-0.570 χ^2/NDF : 257255.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

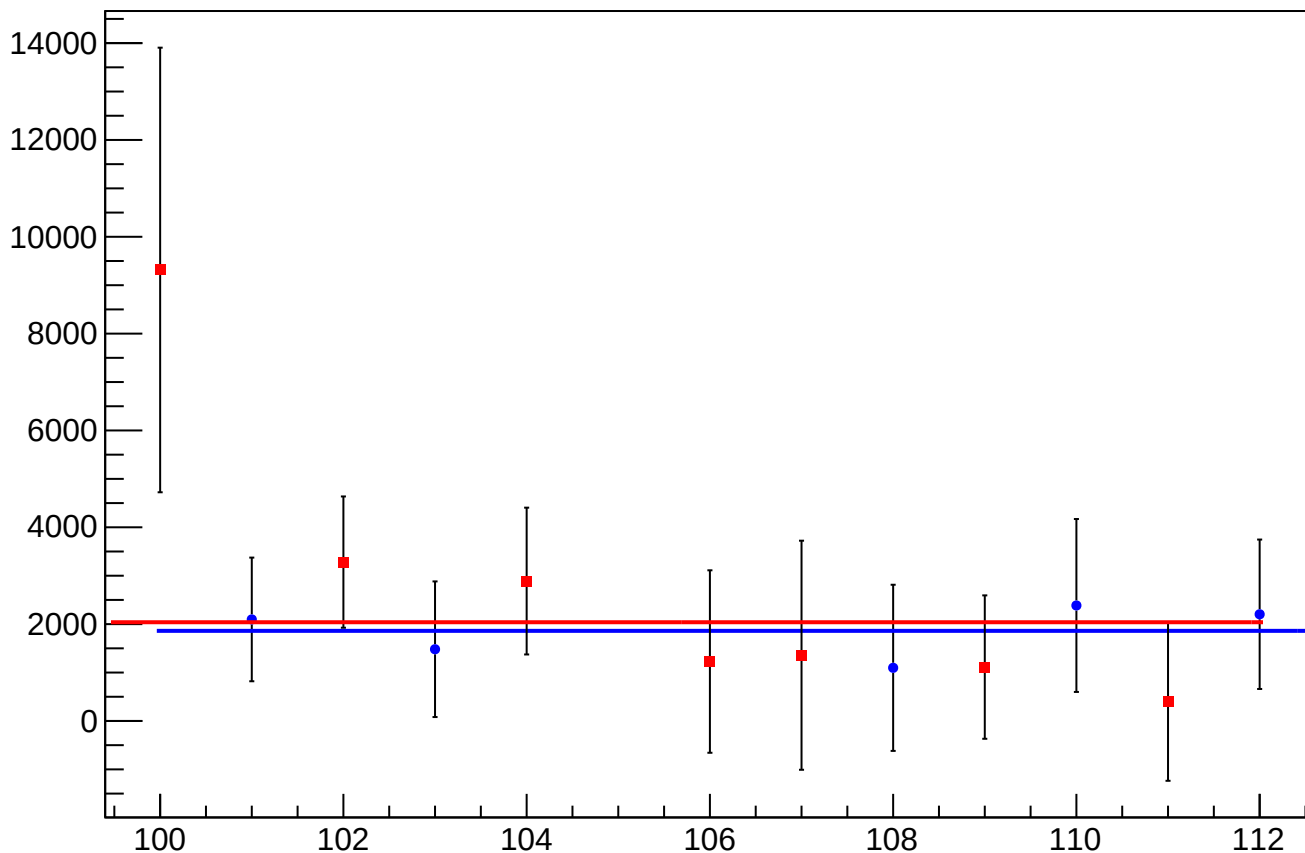
Right: 1262.922+/-0.397 χ^2/NDF : 452977.0/11

In: 1217.314+/-0.552 χ^2/NDF : 181618.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1262.922+/-0.397 χ^2/NDF : 452977.0/11

eigen_cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 1861.127+/-674.796 χ^2/NDF : 0.4/4

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

Right Out: 2039.128+/-656.658 χ^2/NDF : 5.3/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

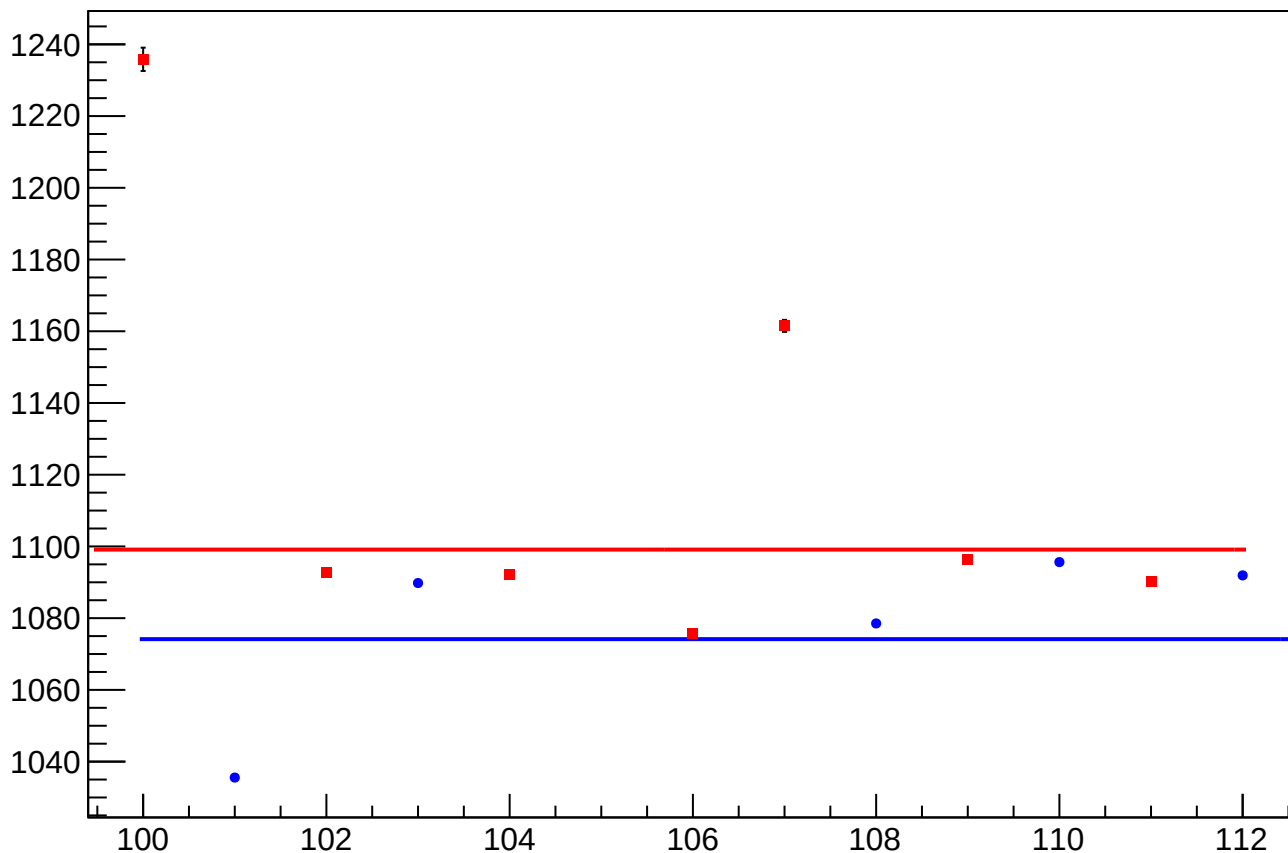
Right: 1952.552+/-470.609 χ^2/NDF : 5.8/11

In: 1861.127+/-674.796 χ^2/NDF : 0.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1952.552+/-470.609 χ^2/NDF : 5.8/11

eigen_cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1074.150+/-0.477 χ^2/NDF : 2644.2/4

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

Right Out: 1099.121+/-0.464 χ^2/NDF : 3624.0/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

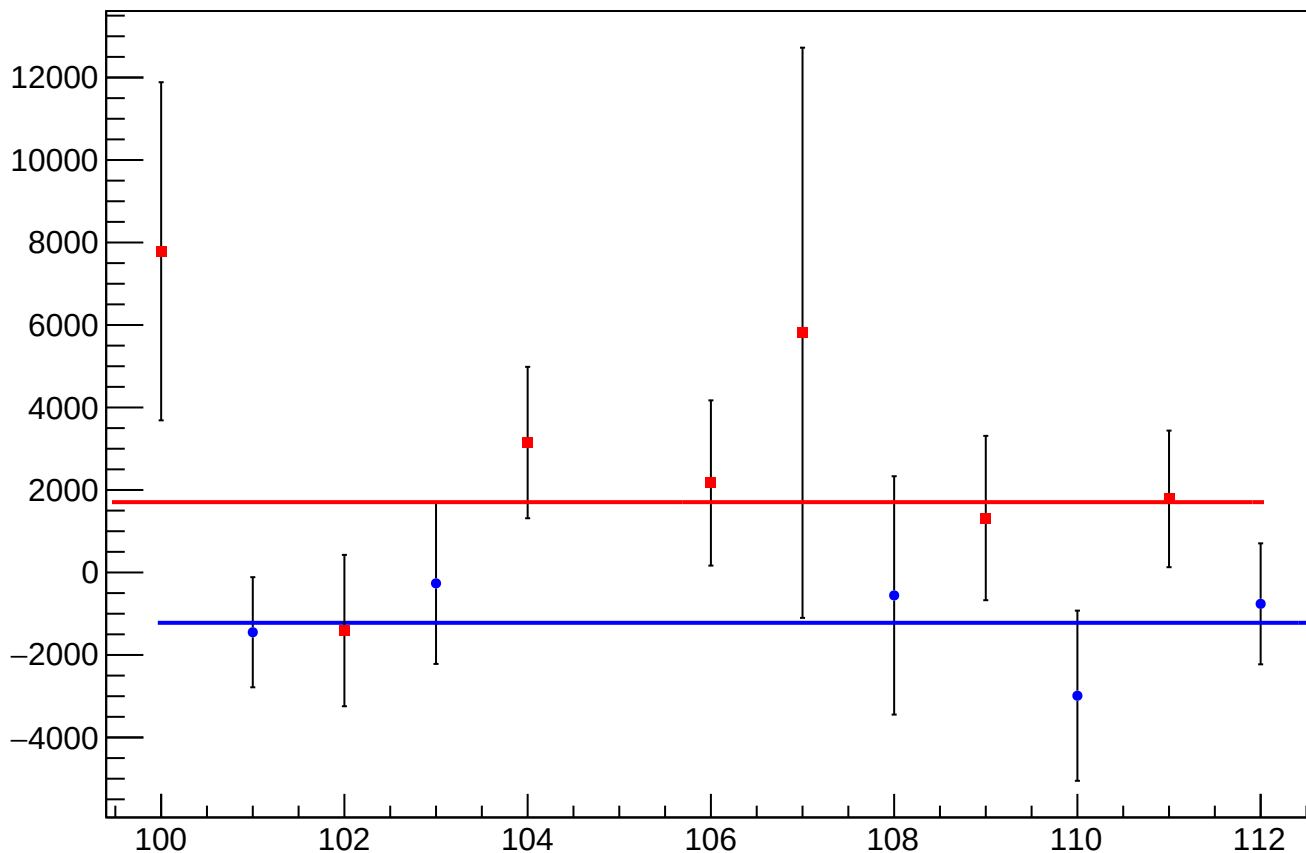
Right: 1086.976+/-0.333 χ^2/NDF : 7674.9/11

In: 1074.150+/-0.477 χ^2/NDF : 2644.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1086.976+/-0.333 χ^2/NDF : 7674.9/11

asym_usl_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1220.237+/-780.147 χ^2/NDF : 1.2/4

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

Right Out: 1704.777+/-805.782 χ^2/NDF : 6.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

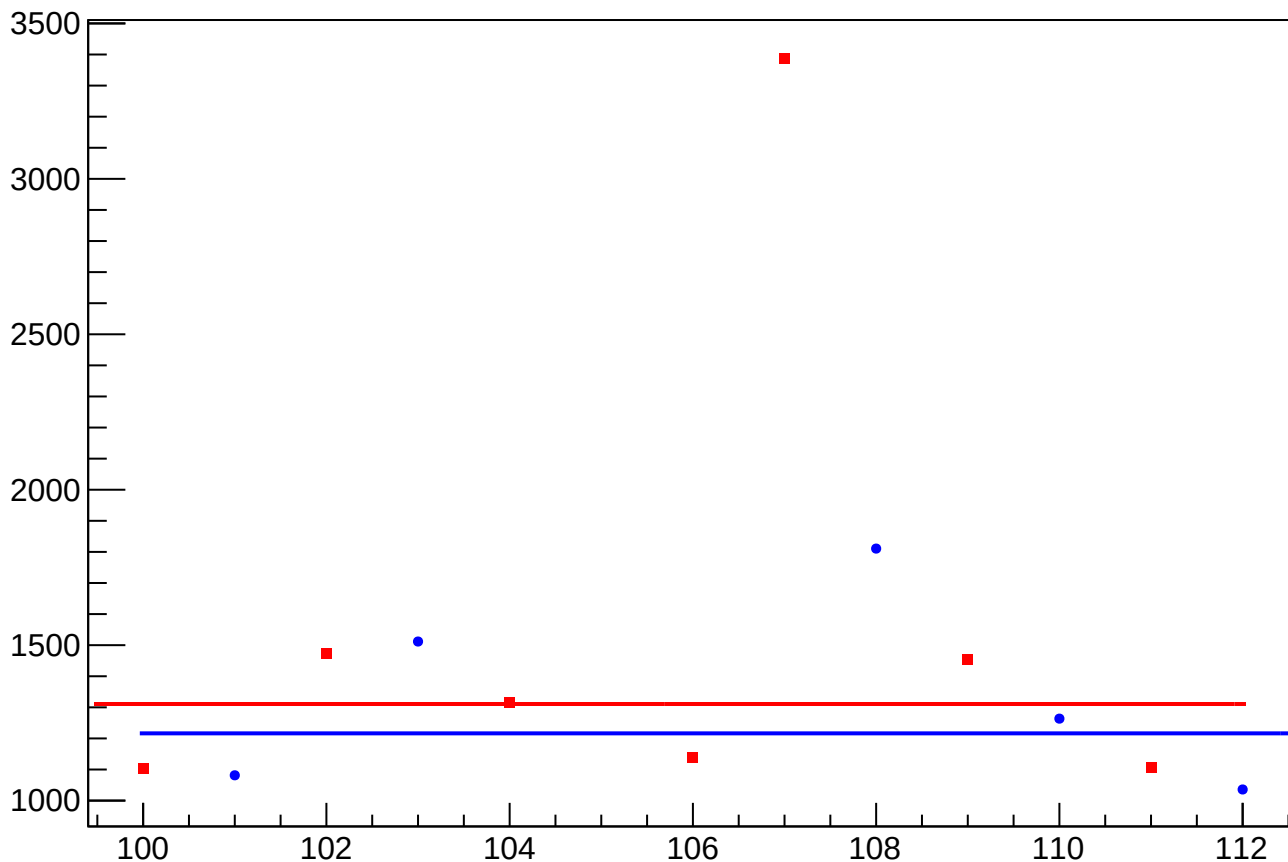
Right: 195.002+/-560.491 χ^2/NDF : 14.1/11

In: -1220.237+/-780.147 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.002+/-560.491 χ^2/NDF : 14.1/11

asym_usl_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1216.332+/-0.552 χ^2/NDF : 182122.7/4

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

Right Out: 1310.746+/-0.570 χ^2/NDF : 257495.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

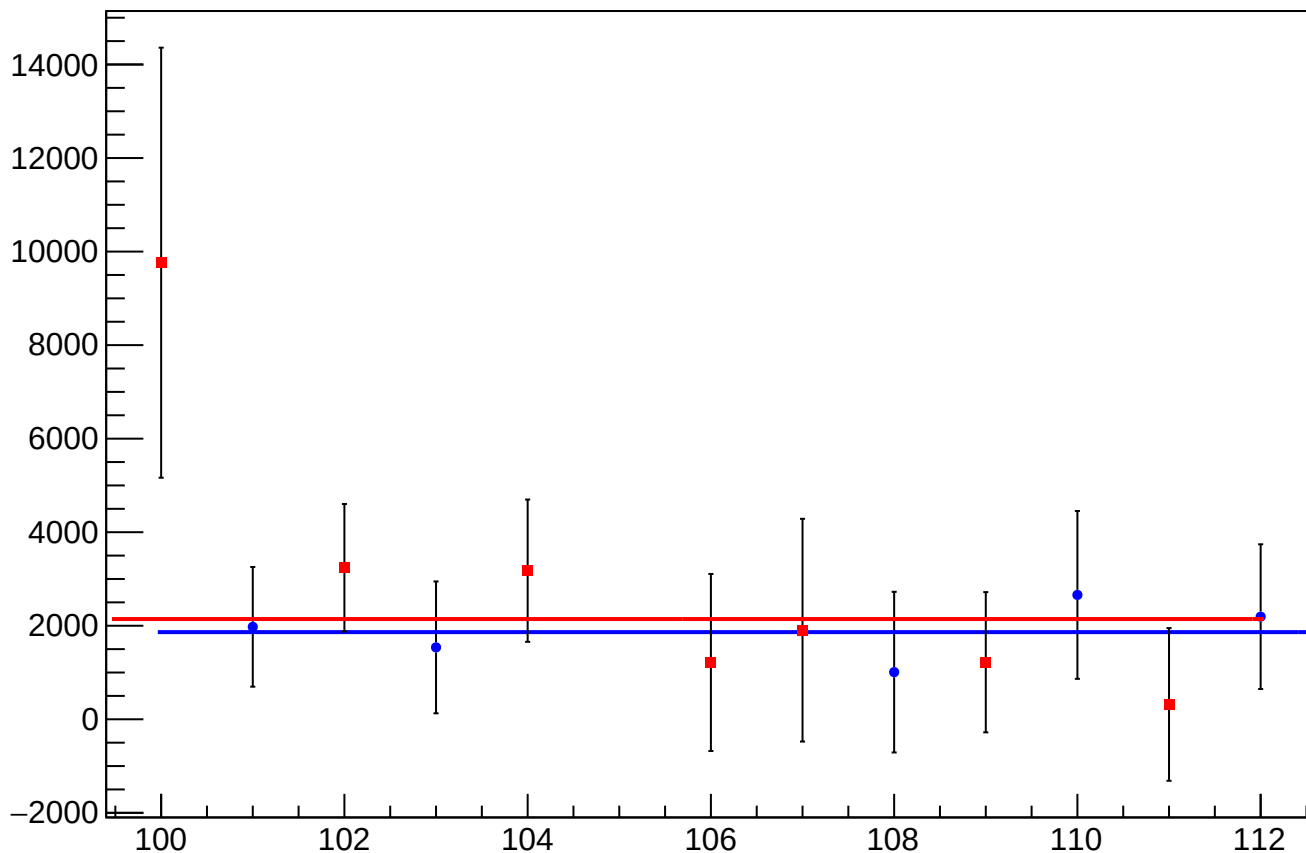
Right: 1262.013+/-0.396 χ^2/NDF : 453790.3/11

In: 1216.332+/-0.552 χ^2/NDF : 182122.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1262.013+/-0.396 χ^2/NDF : 453790.3/11

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1863.786+/-677.124 χ^2/NDF : 0.6/4

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

Right Out: 2143.528+/-660.334 χ^2/NDF : 5.7/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

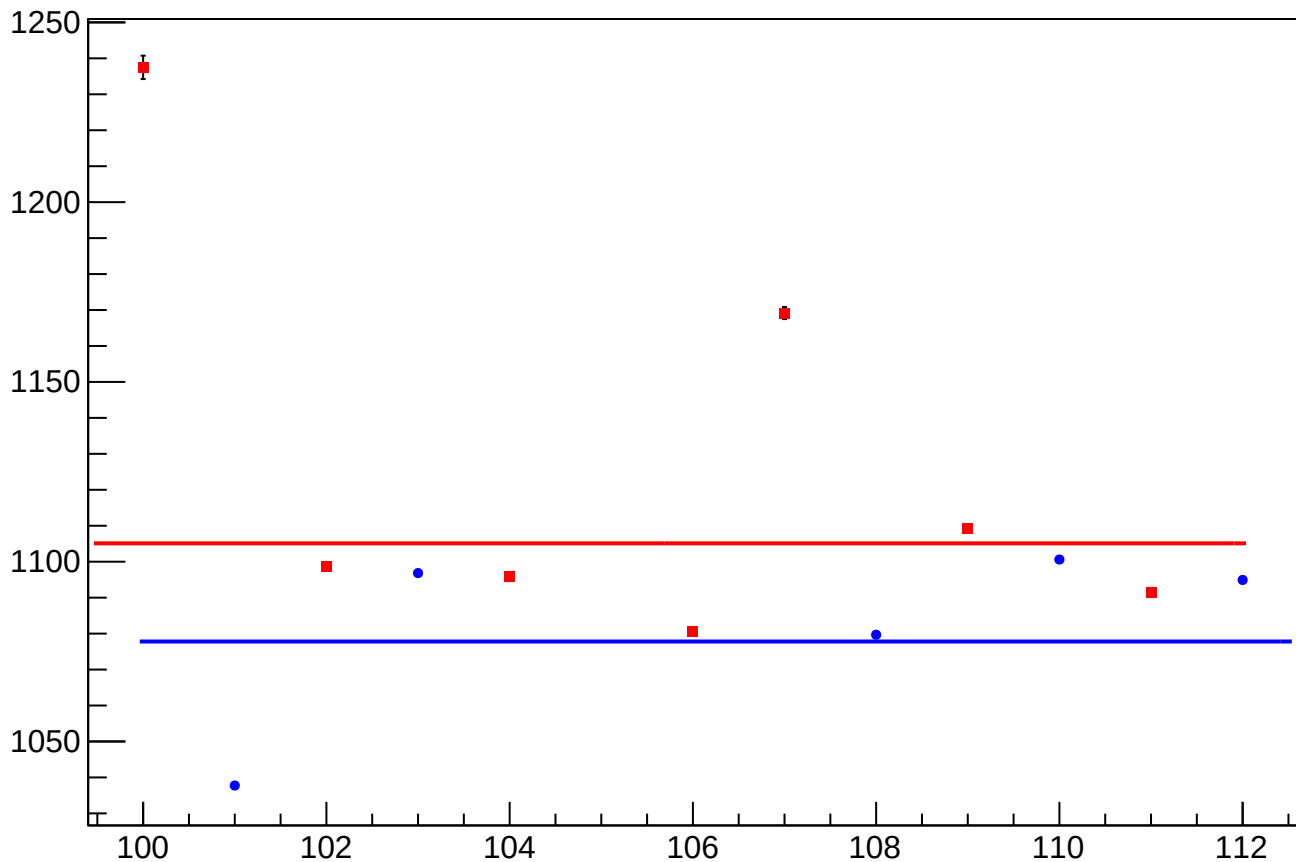
Right: 2007.168+/-472.751 χ^2/NDF : 6.4/11

In: 1863.786+/-677.124 χ^2/NDF : 0.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2007.168+/-472.751 χ^2/NDF : 6.4/11

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1077.801+/-0.479 χ^2/NDF : 2894.7/4

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

Right Out: 1105.110+/-0.467 χ^2/NDF : 3716.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

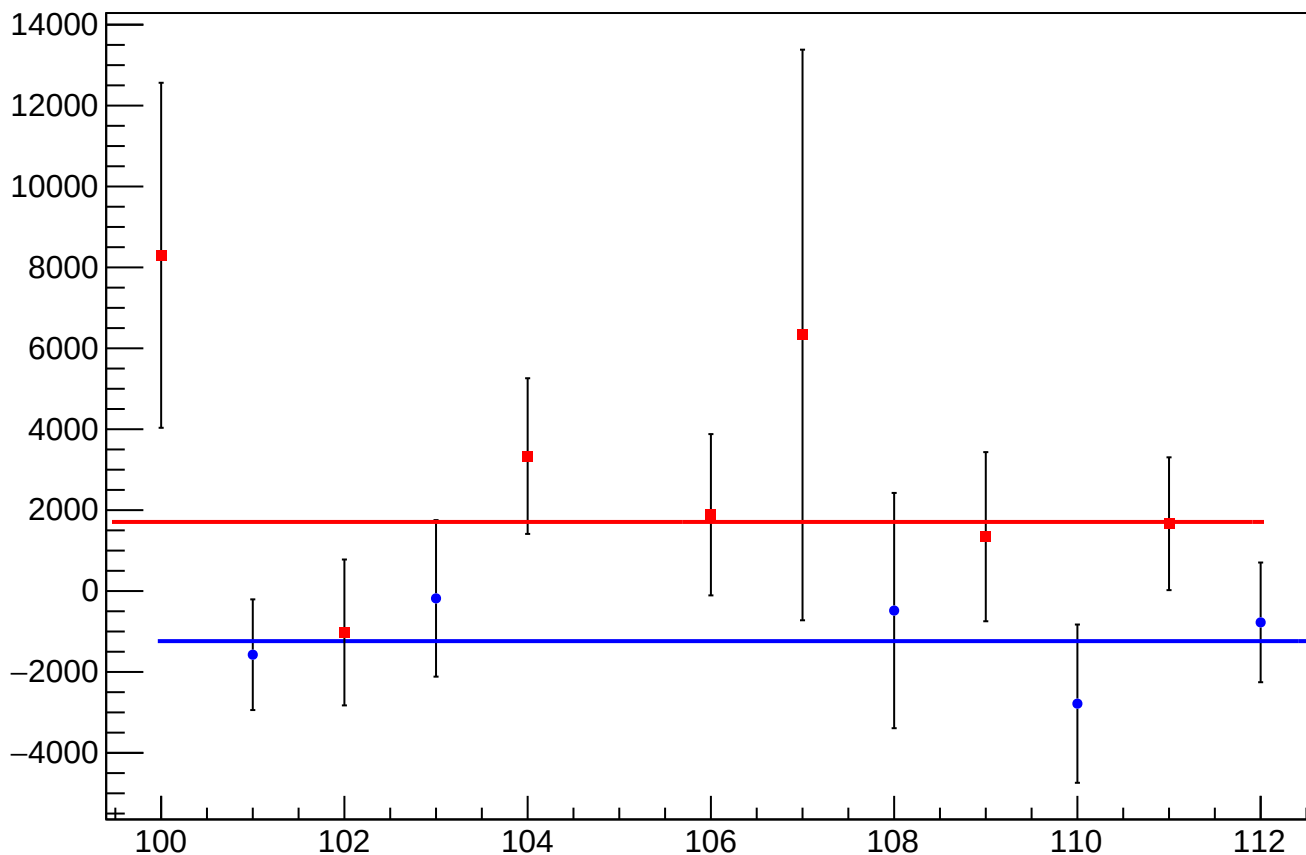
Right: 1091.798+/-0.334 χ^2/NDF : 8278.5/11

In: 1077.801+/-0.479 χ^2/NDF : 2894.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1091.798+/-0.334 χ^2/NDF : 8278.5/11

asym_usl_dit_correction_mean vs Slug, Sign Corrected



Right In: -1237.801+/-781.346 χ^2/NDF : 1.1/4

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

Right Out: 1708.228+/-815.292 χ^2/NDF : 5.9/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

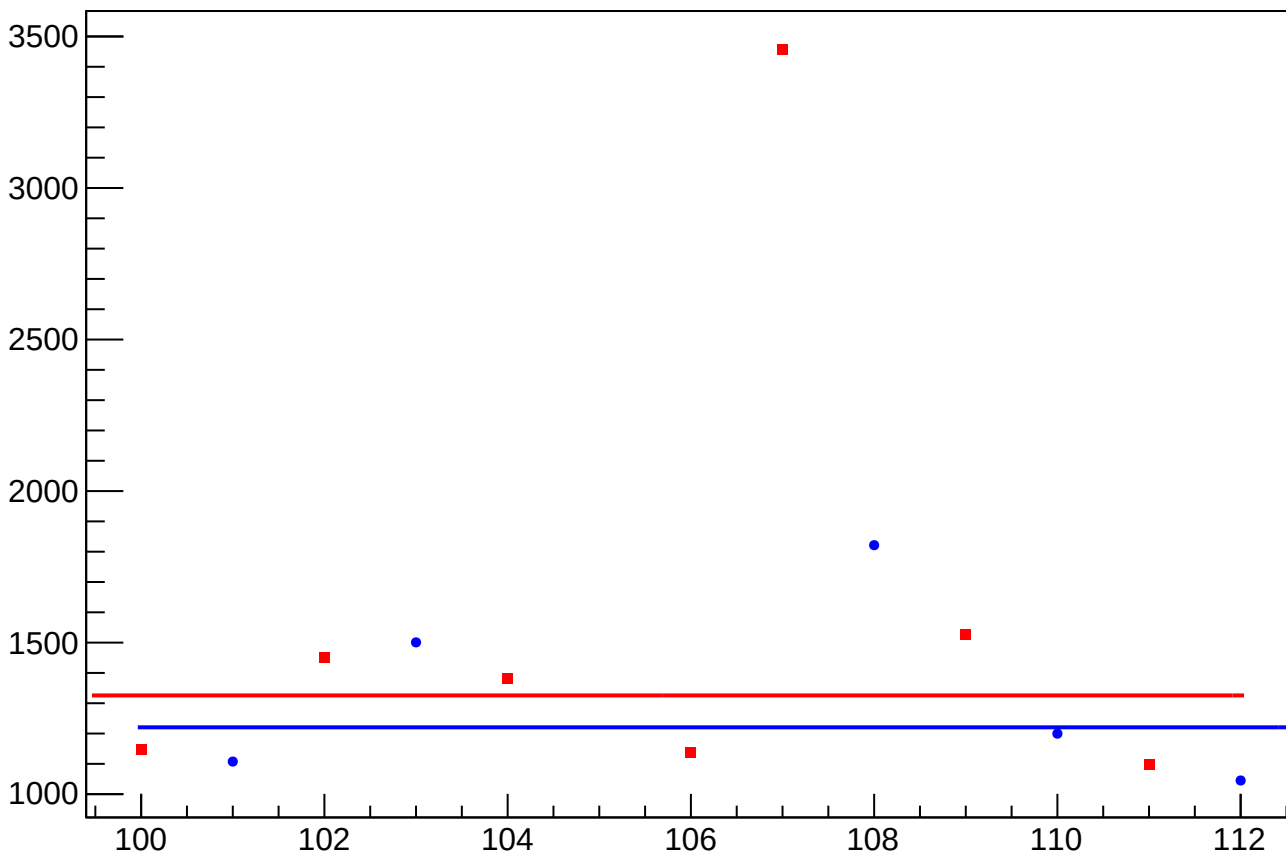
Right: 172.607+/-564.114 χ^2/NDF : 13.8/11

In: -1237.801+/-781.346 χ^2/NDF : 1.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.607+/-564.114 χ^2/NDF : 13.8/11

asym_usl_dit_correction_rms vs Slug, Sign Corrected



Right In: 1220.500+/-0.552 χ^2/NDF : 169415.6/4

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

Right Out: 1325.705+/-0.576 χ^2/NDF : 272934.9/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

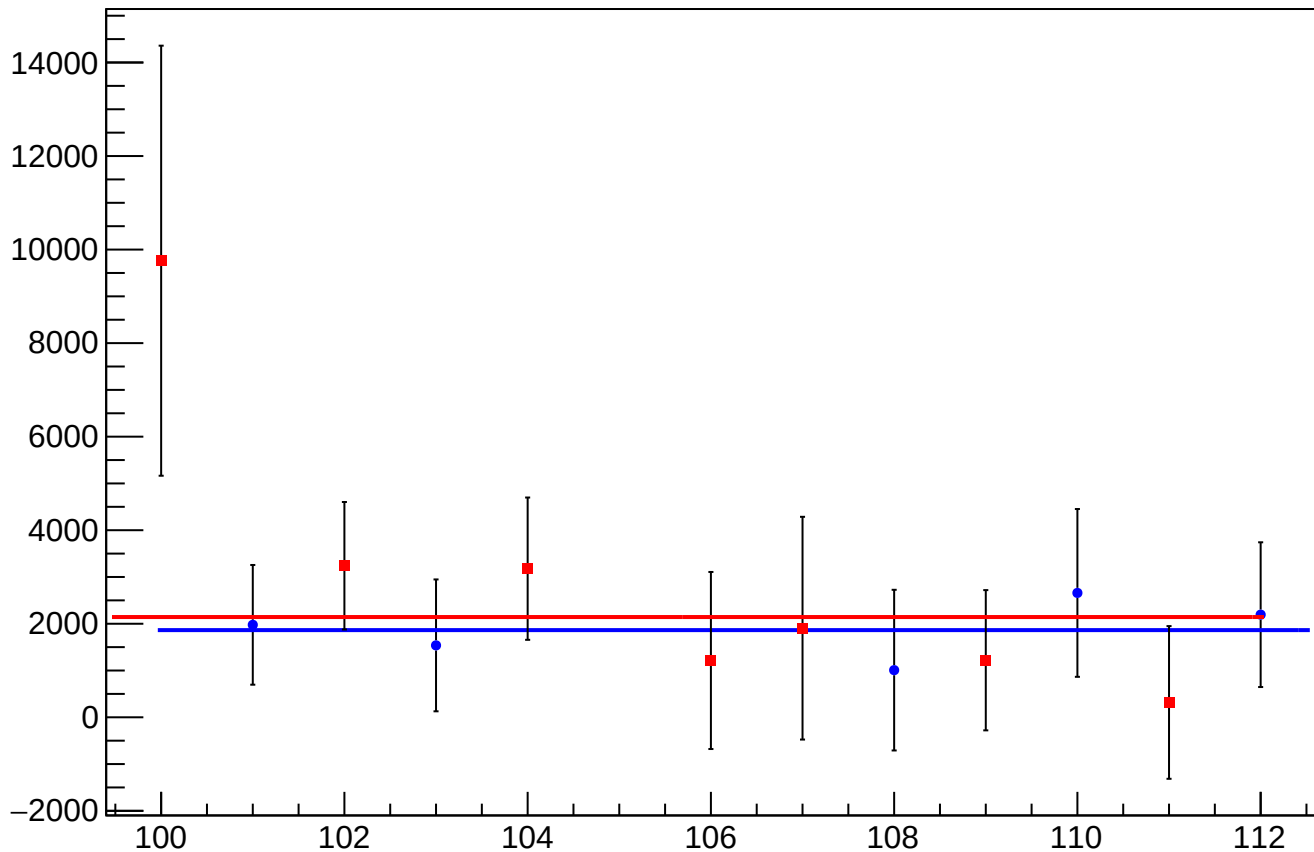
Right: 1270.866+/-0.399 χ^2/NDF : 459709.4/11

In: 1220.500+/-0.552 χ^2/NDF : 169415.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1270.866+/-0.399 χ^2/NDF : 459709.4/11

eigen_dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1863.787+/-677.124 χ^2/NDF : 0.6/4

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

Right Out: 2143.524+/-660.334 χ^2/NDF : 5.7/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

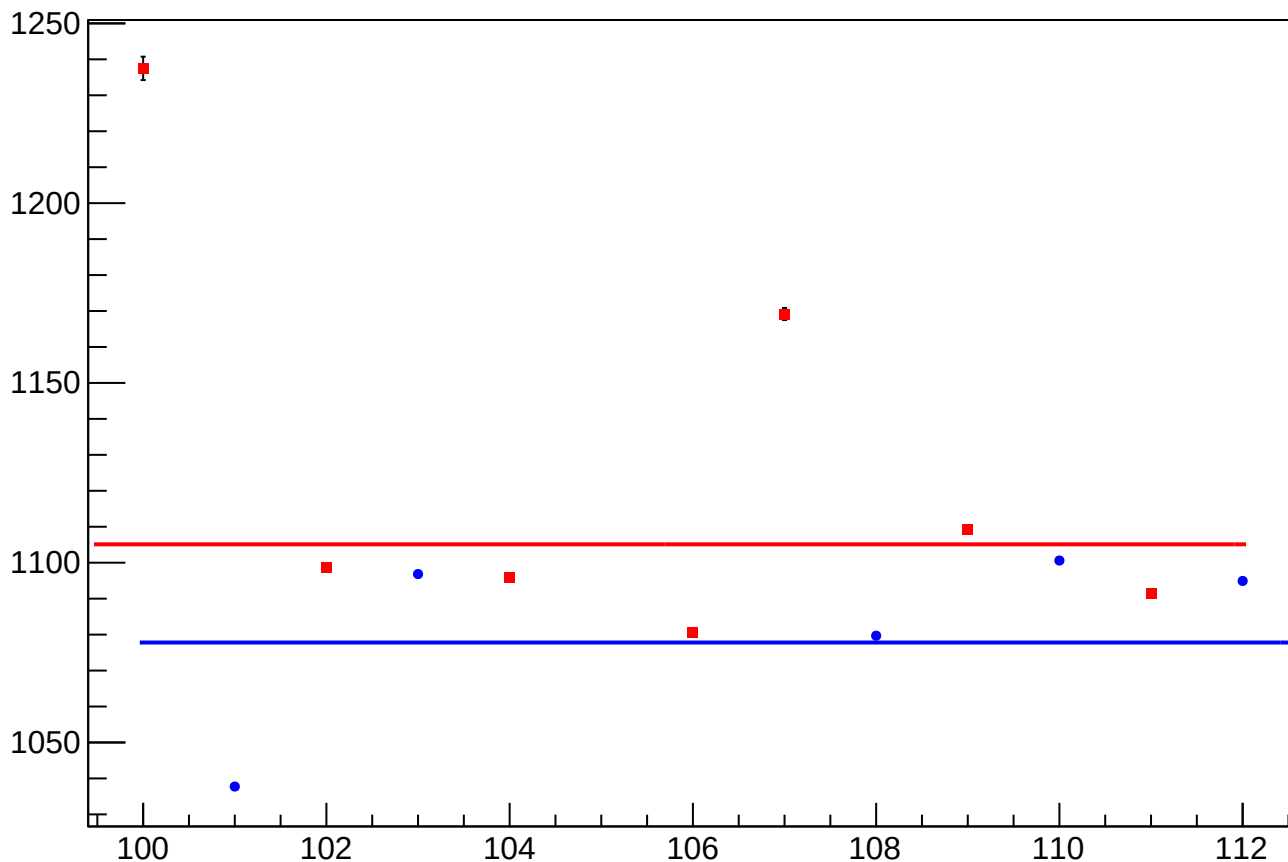
Right: 2007.167+/-472.751 χ^2/NDF : 6.4/11

In: 1863.787+/-677.124 χ^2/NDF : 0.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2007.167+/-472.751 χ^2/NDF : 6.4/11

eigen_dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1077.801+/-0.479 χ^2/NDF : 2894.7/4

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

Right Out: 1105.110+/-0.467 χ^2/NDF : 3716.4/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

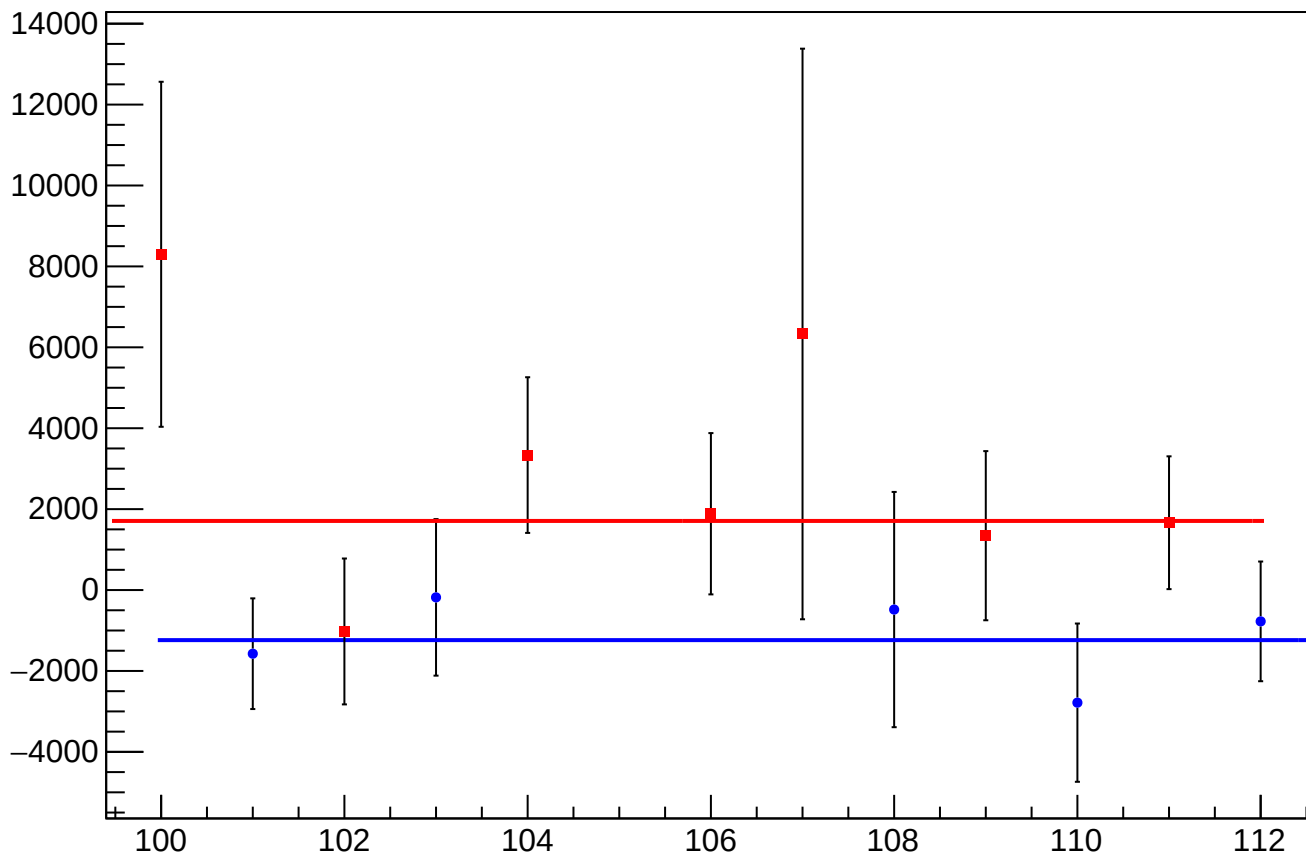
Right: 1091.798+/-0.334 χ^2/NDF : 8278.5/11

In: 1077.801+/-0.479 χ^2/NDF : 2894.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1091.798+/-0.334 χ^2/NDF : 8278.5/11

asym_usl_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1237.800+/-781.346 χ^2/NDF : 1.1/4

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

Right Out: 1708.226+/-815.291 χ^2/NDF : 5.9/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

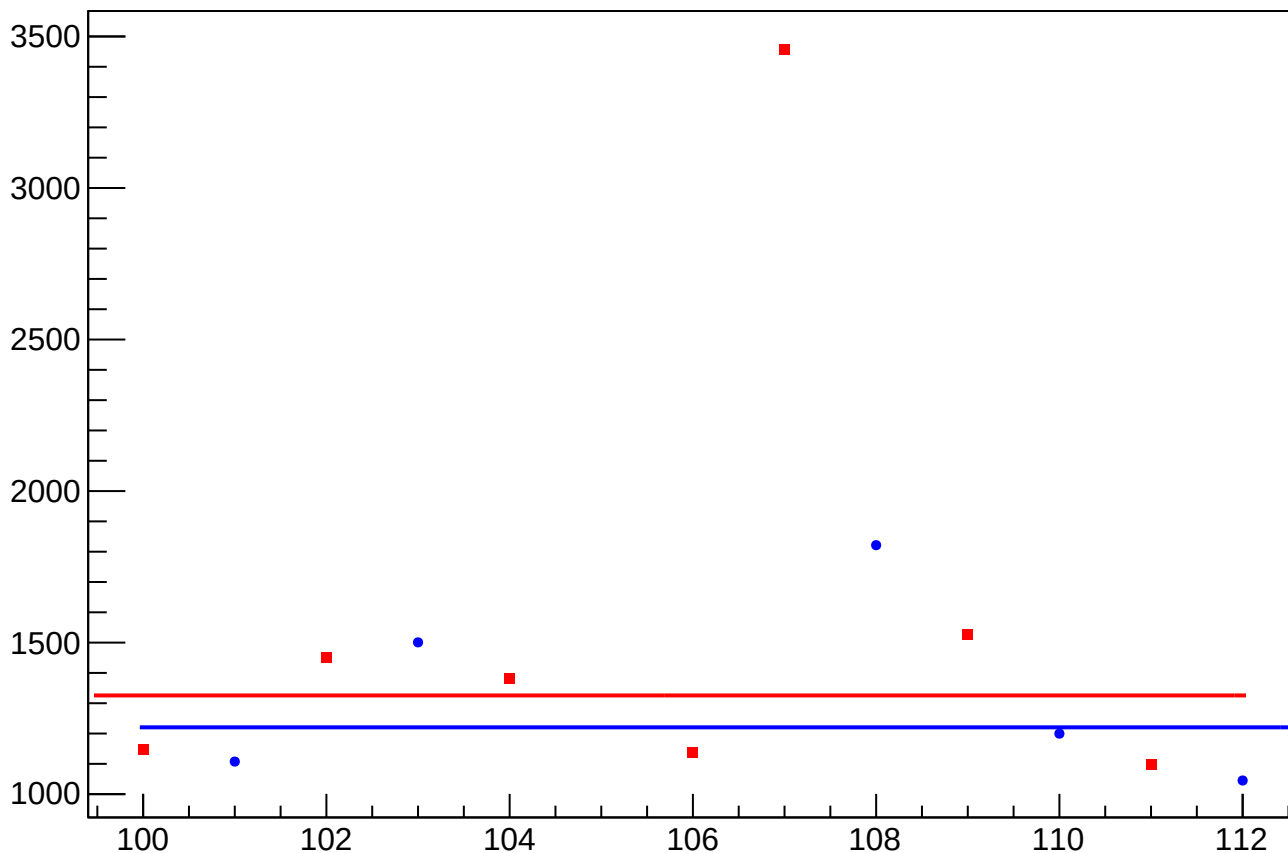
Right: 172.607+/-564.114 χ^2/NDF : 13.8/11

In: -1237.800+/-781.346 χ^2/NDF : 1.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.607+/-564.114 χ^2/NDF : 13.8/11

asym_usl_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1220.499+/-0.552 χ^2/NDF : 169414.9/4

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

Right Out: 1325.703+/-0.576 χ^2/NDF : 272932.3/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

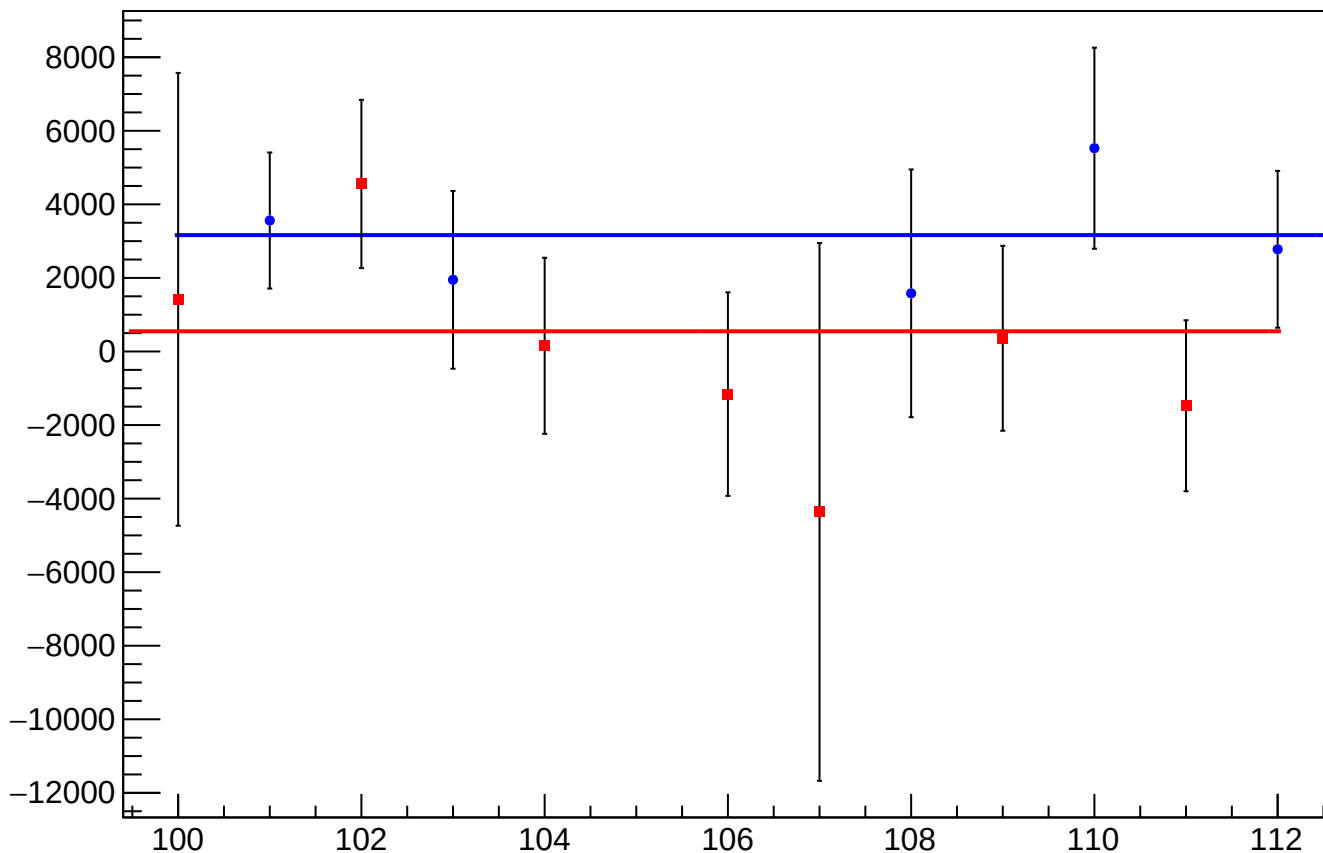
Right: 1270.865+/-0.399 χ^2/NDF : 459706.0/11

In: 1220.499+/-0.552 χ^2/NDF : 169414.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1270.865+/-0.399 χ^2/NDF : 459706.0/11

asym_usl_mean vs Slug, Sign Corrected



Right In: 3164.235+/-1050.854 χ^2/NDF : 1.3/4

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

Right Out: 548.939+/-1063.346 χ^2/NDF : 4.7/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

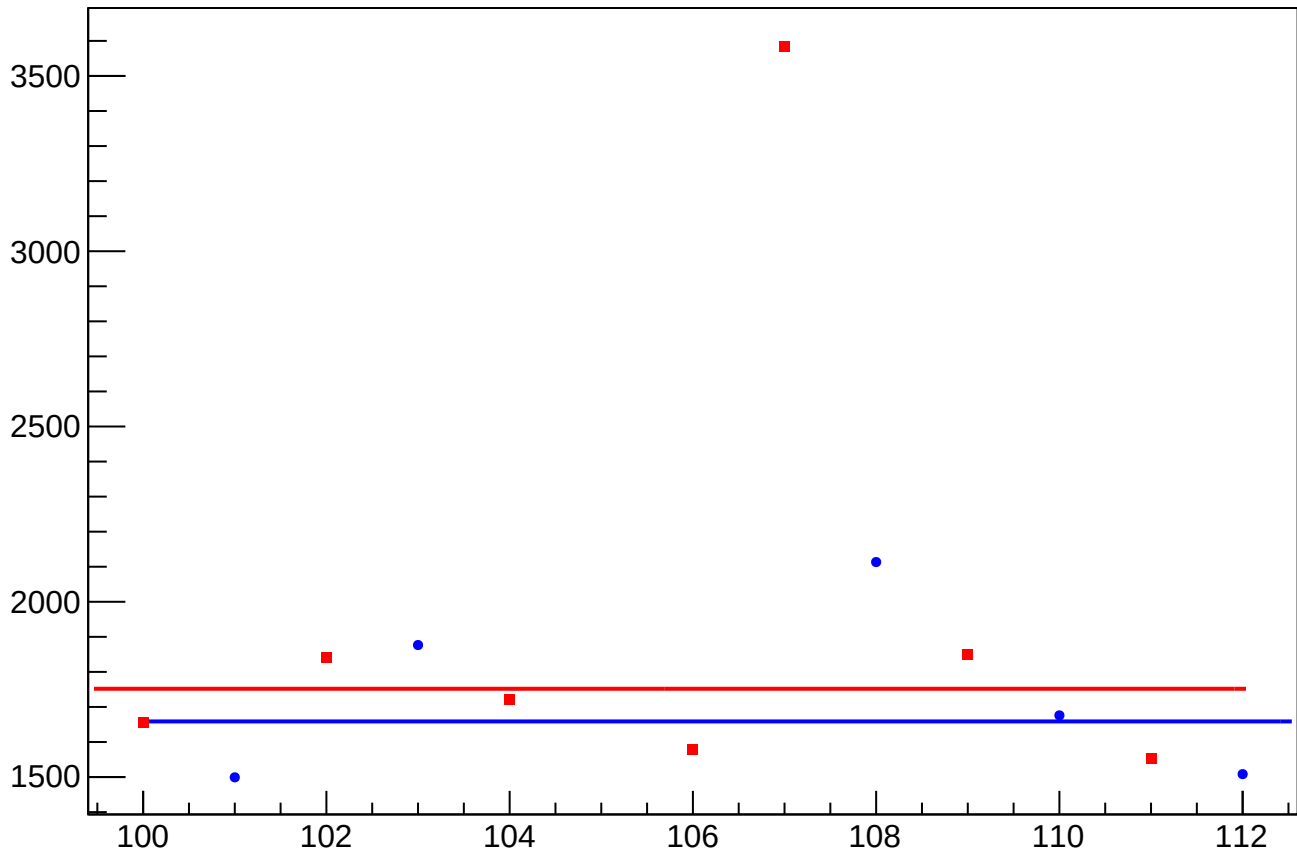
Right: 1872.040+/-747.443 χ^2/NDF : 9.1/11

In: 3164.235+/-1050.854 χ^2/NDF : 1.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1872.040+/-747.443 χ^2/NDF : 9.1/11

asym_usl_rms vs Slug, Sign Corrected



Right In: 1658.707+/-0.743 χ^2/NDF : 77606.2/4

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

Right Out: 1751.891+/-0.752 χ^2/NDF : 154911.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

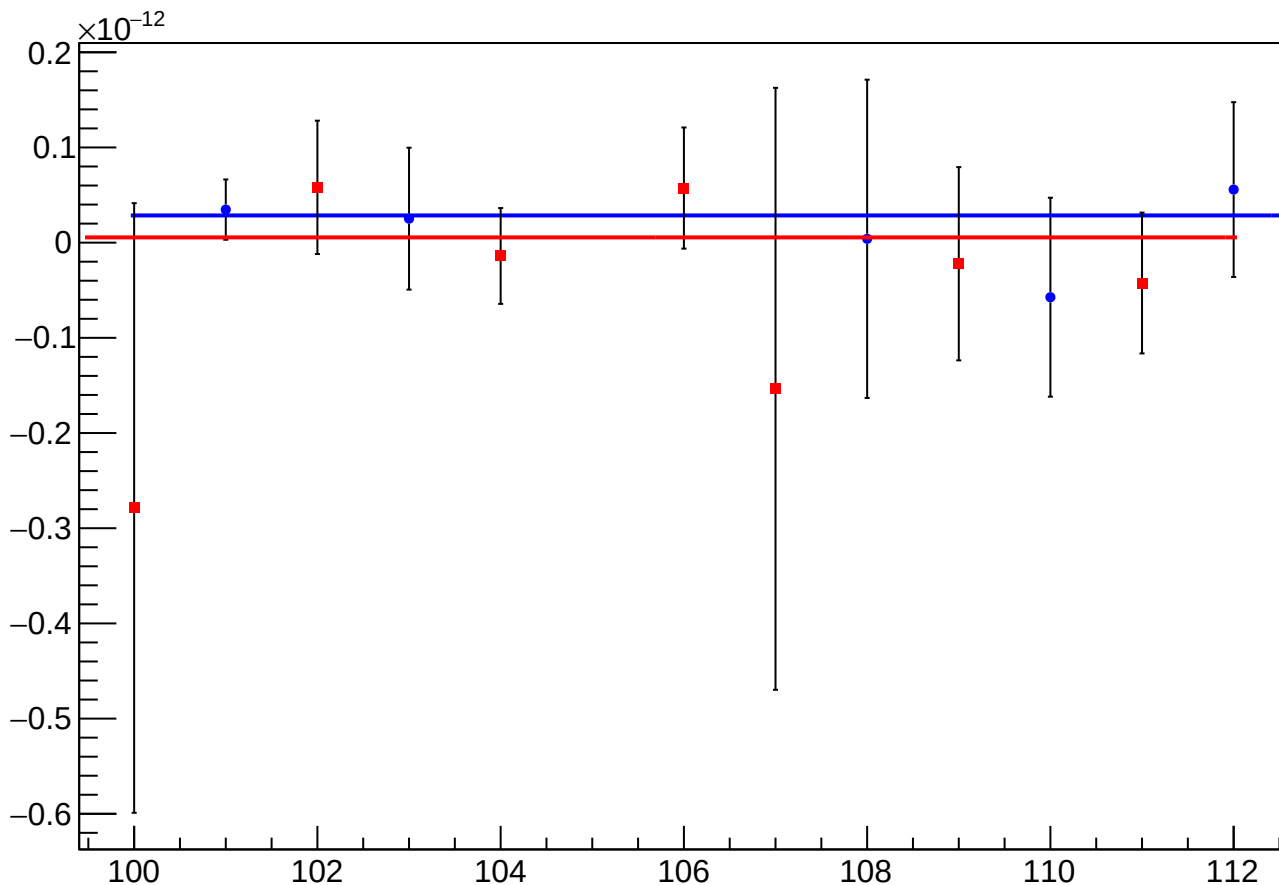
Right: 1704.748+/-0.529 χ^2/NDF : 240287.4/11

In: 1658.707+/-0.743 χ^2/NDF : 77606.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1704.748+/-0.529 χ^2/NDF : 240287.4/11

asym_usl_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.8/4

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2.9/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

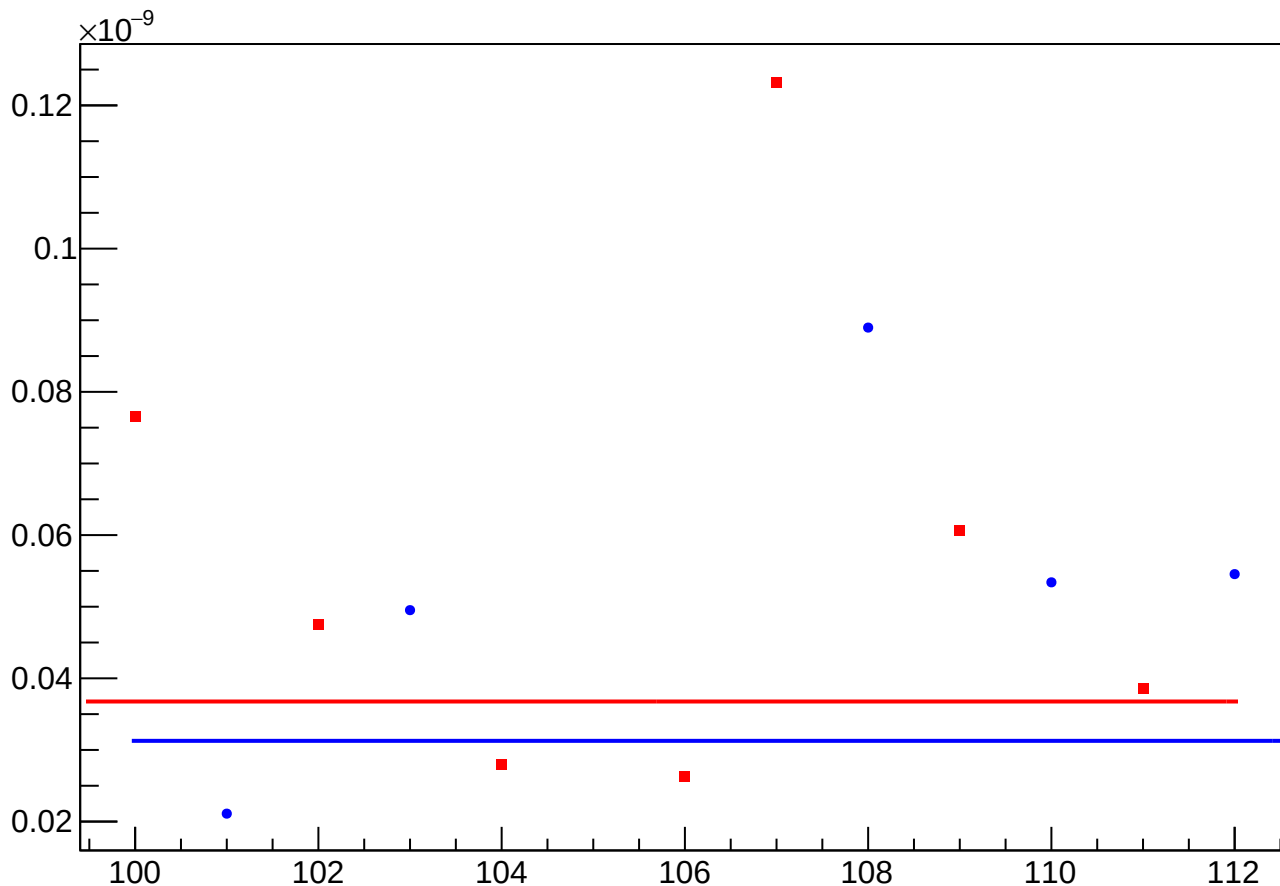
Right: 0.000+/-0.000 χ^2/NDF : 4.1/11

In: 0.000+/-0.000 χ^2/NDF : 0.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.1/11

asym_usl_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 782553.0/4

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

Right Out: 0.000+/-0.000 χ^2/NDF : 455632.8/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

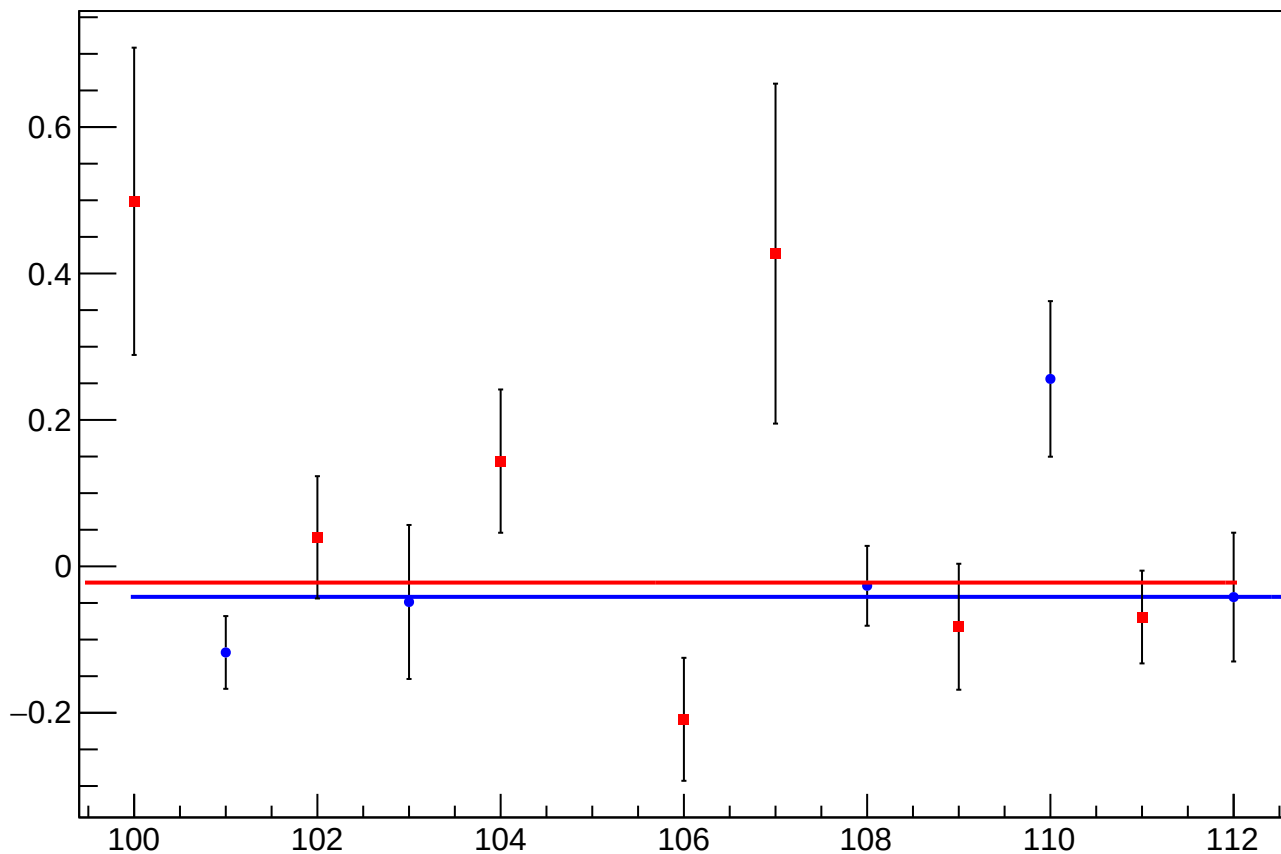
Right: 0.000+/-0.000 χ^2/NDF : 1276489.1/11

In: 0.000+/-0.000 χ^2/NDF : 782553.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1276489.1/11

asym_usl_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.042 $\pm$ 0.031 χ^2 /NDF: 10.3/4

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

Right Out: -0.022 $\pm$ 0.035 χ^2 /NDF: 19.3/6

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

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

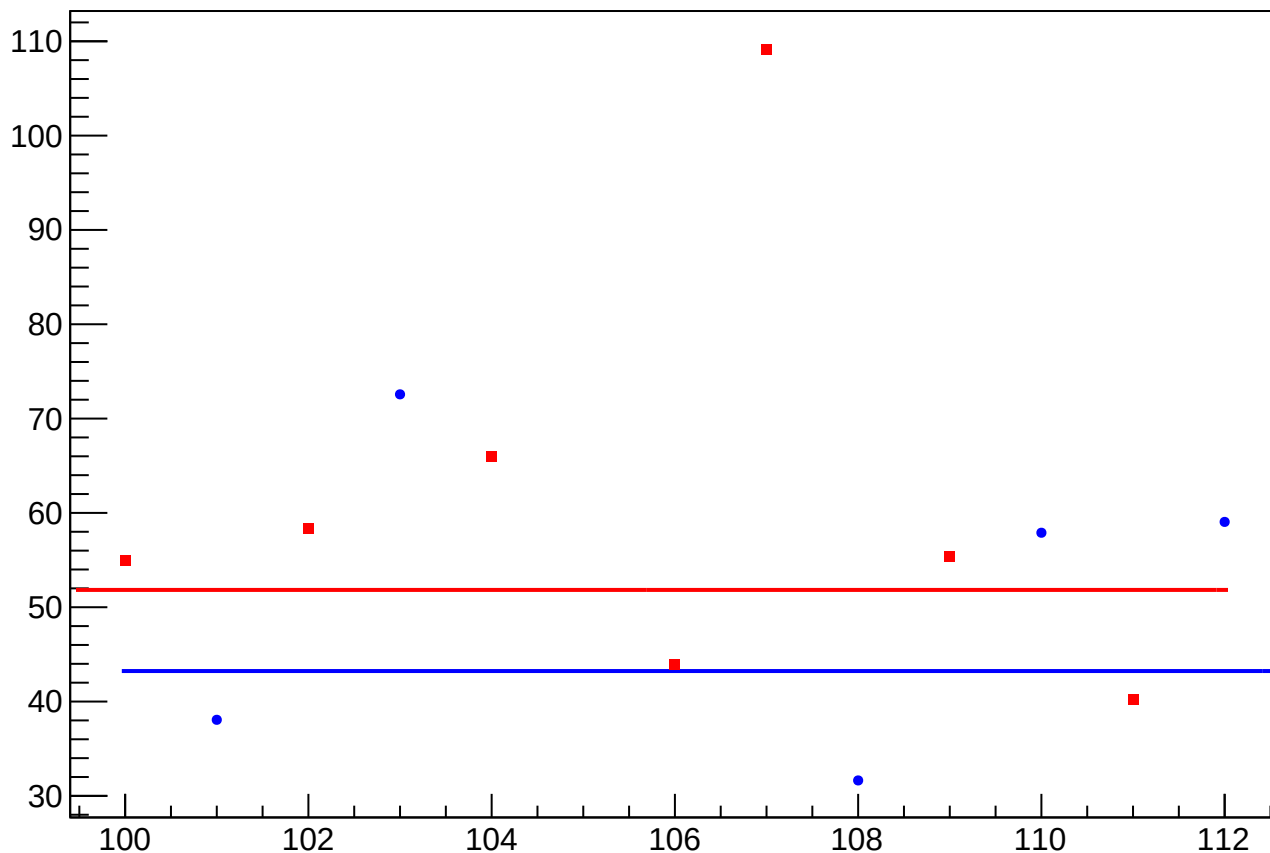
Right: -0.033 $\pm$ 0.023 χ^2 /NDF: 29.8/11

In: -0.042 $\pm$ 0.031 χ^2 /NDF:10.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.033 $\pm$ 0.023 χ^2 /NDF: 29.8/11

asym_usl_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 43.235+/-0.022 χ^2/NDF : 370422.4/4

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

Right Out: 51.835+/-0.025 χ^2/NDF : 264986.9/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

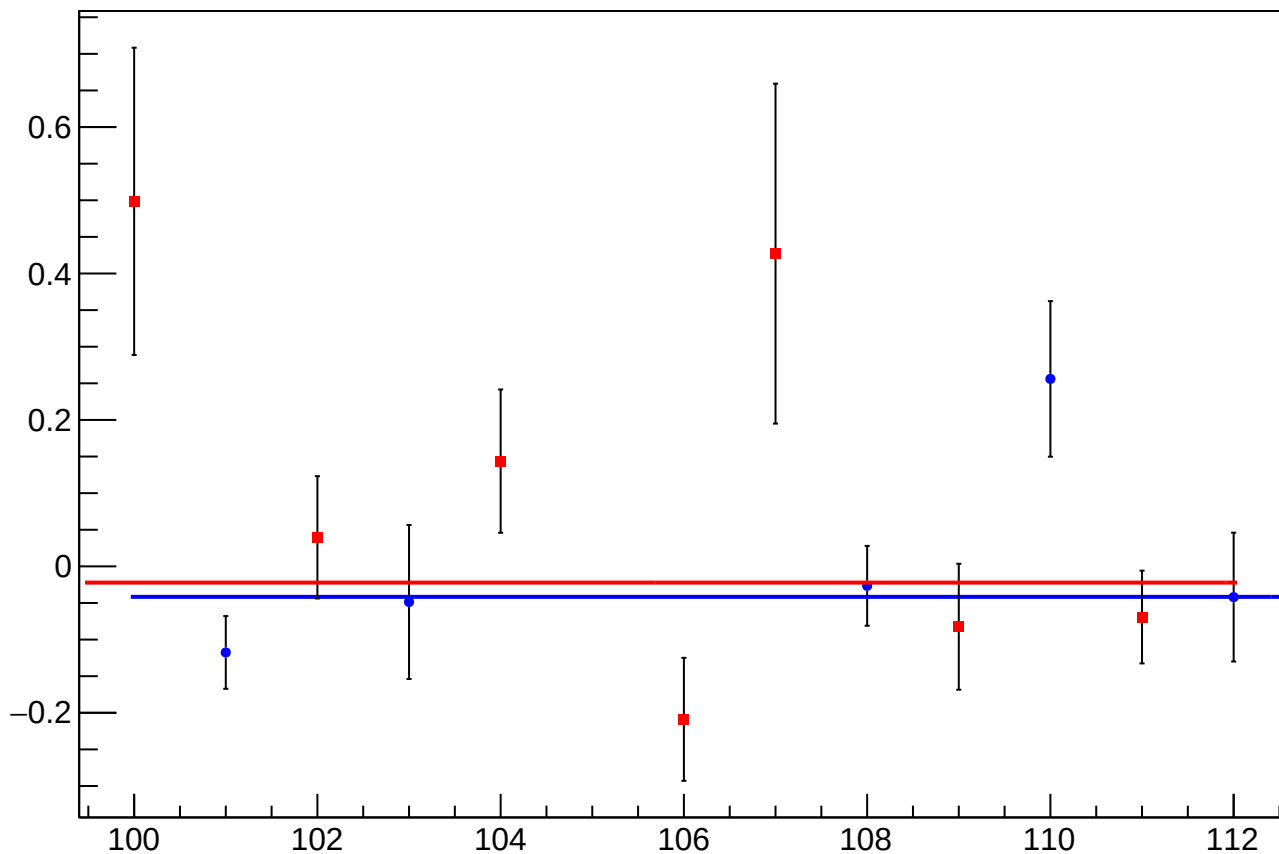
Right: 46.995+/-0.016 χ^2/NDF : 703277.0/11

In: 43.235+/-0.022 χ^2/NDF : 370422.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.995+/-0.016 χ^2/NDF : 703277.0/11

asym_usl_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.042 $\pm$ 0.031 χ^2 /NDF: 10.3/4

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

Right Out: -0.022 $\pm$ 0.035 χ^2 /NDF: 19.3/6

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

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

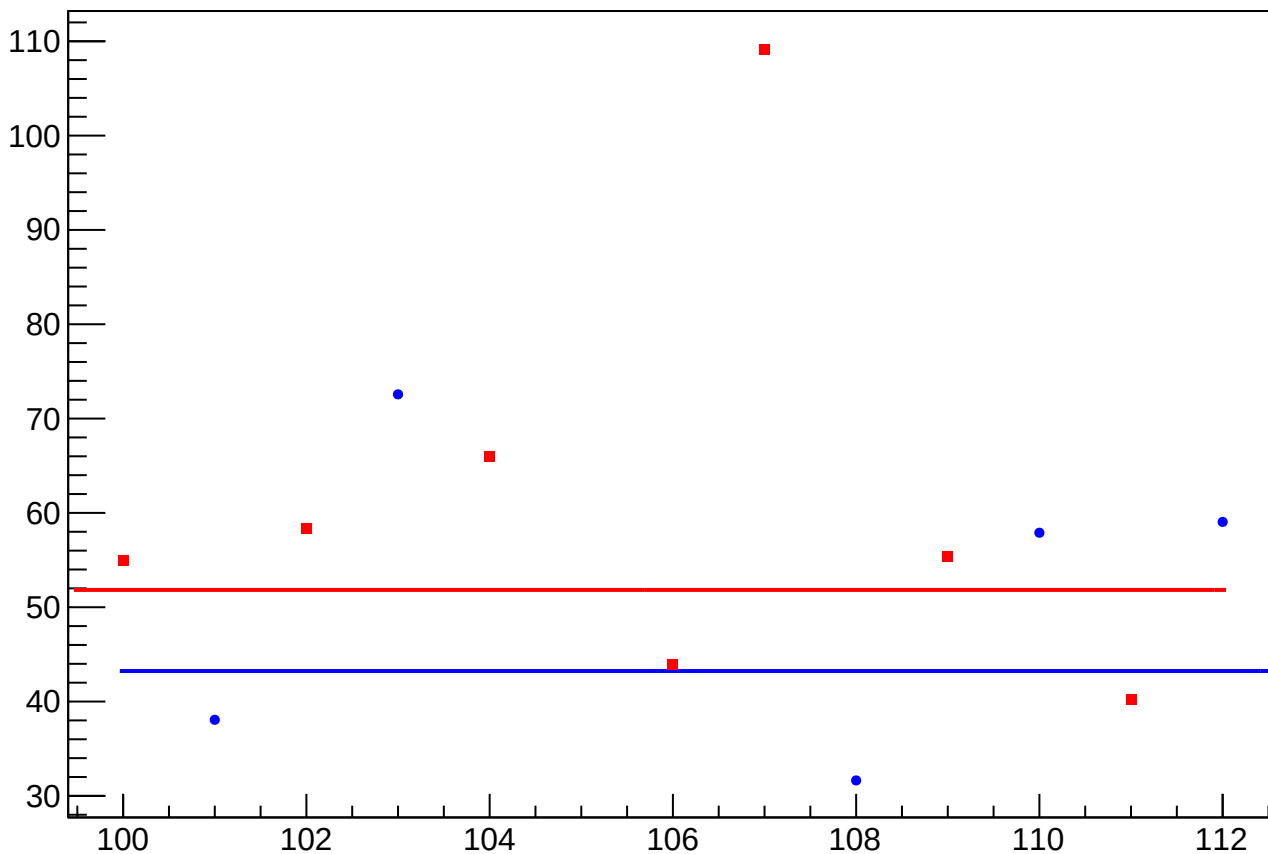
Right: -0.033 $\pm$ 0.023 χ^2 /NDF: 29.8/11

In: -0.042 $\pm$ 0.031 χ^2 /NDF:10.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.033 $\pm$ 0.023 χ^2 /NDF: 29.8/11

asym_usl_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 43.235+/-0.022 χ^2/NDF : 370422.4/4

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

Right Out: 51.835+/-0.025 χ^2/NDF : 264986.9/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

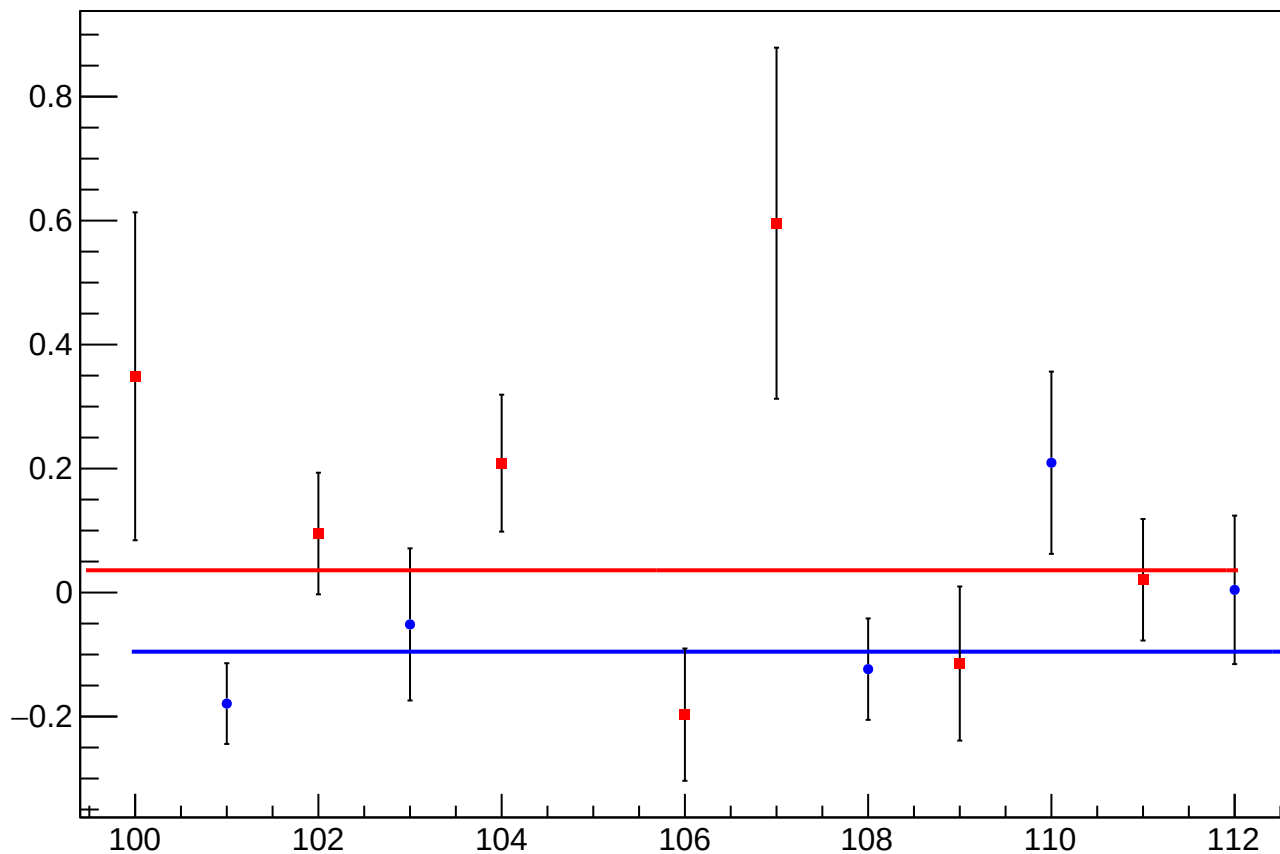
Right: 46.995+/-0.016 χ^2/NDF : 703277.0/11

In: 43.235+/-0.022 χ^2/NDF : 370422.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.995+/-0.016 χ^2/NDF : 703277.0/11

asym_usl_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.095+/-0.042 χ^2/NDF : 6.9/4

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

Right Out: 0.036+/-0.046 χ^2/NDF : 14.4/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

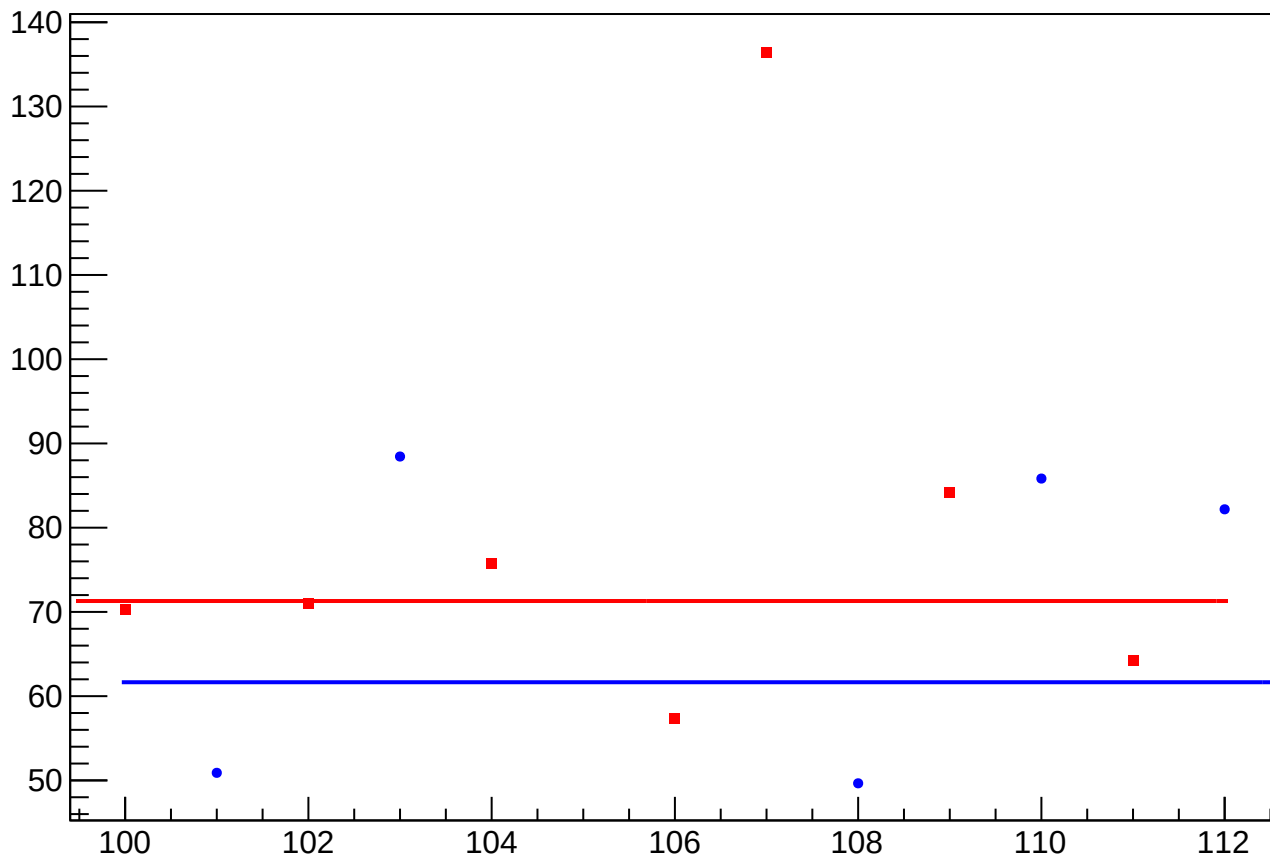
Right: -0.036+/-0.031 χ^2/NDF : 25.7/11

In: -0.095+/-0.042 χ^2/NDF : 6.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.036+/-0.031 χ^2/NDF : 25.7/11

asym_usl_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.652 $\pm$ 0.030 χ^2 /NDF: 305793.9/4

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

Right Out: 71.295 $\pm$ 0.033 χ^2 /NDF: 175246.8/6

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

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

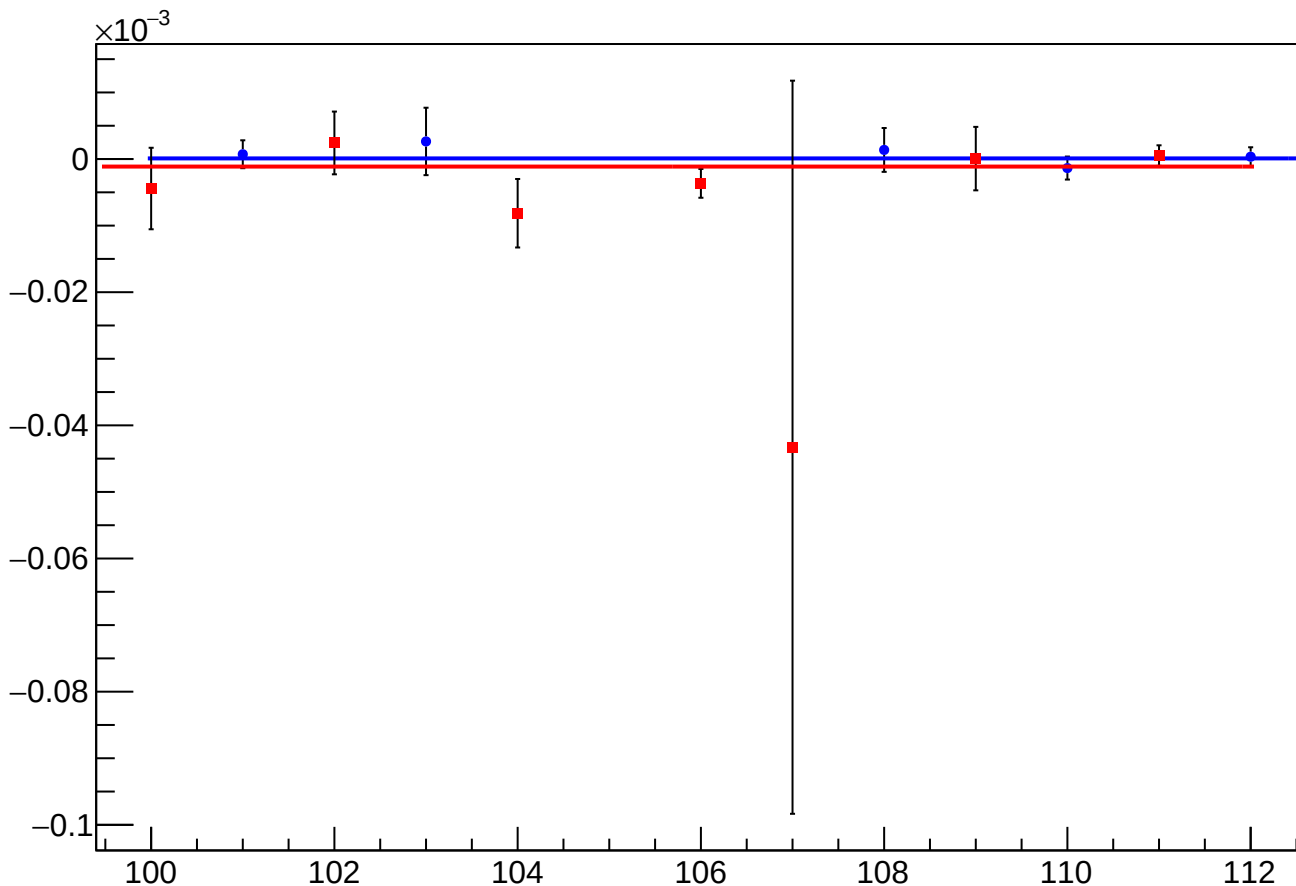
Right: 66.017 $\pm$ 0.022 χ^2 /NDF: 528824.4/11

In: 61.652 $\pm$ 0.030 χ^2 /NDF:305793.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 66.017 $\pm$ 0.022 χ^2 /NDF: 528824.4/11

asym_usl_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.2/4

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

Right Out: -0.000+/-0.000 χ^2/NDF : 5.9/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

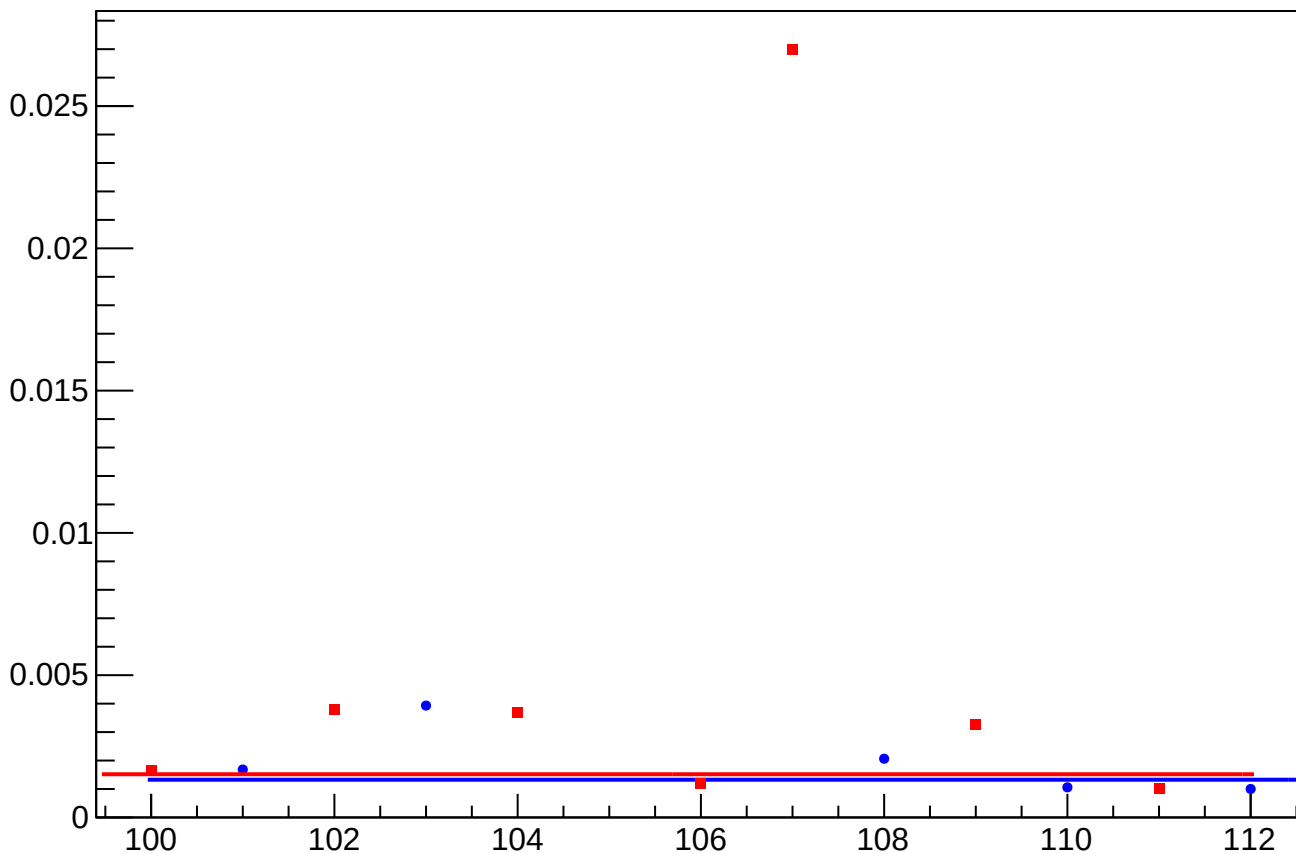
Right: -0.000+/-0.000 χ^2/NDF : 7.8/11

In: 0.000+/-0.000 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.8/11

asym_usl_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 841482.6/4

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

Right Out: 0.002+/-0.000 χ^2/NDF : 1762950.3/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

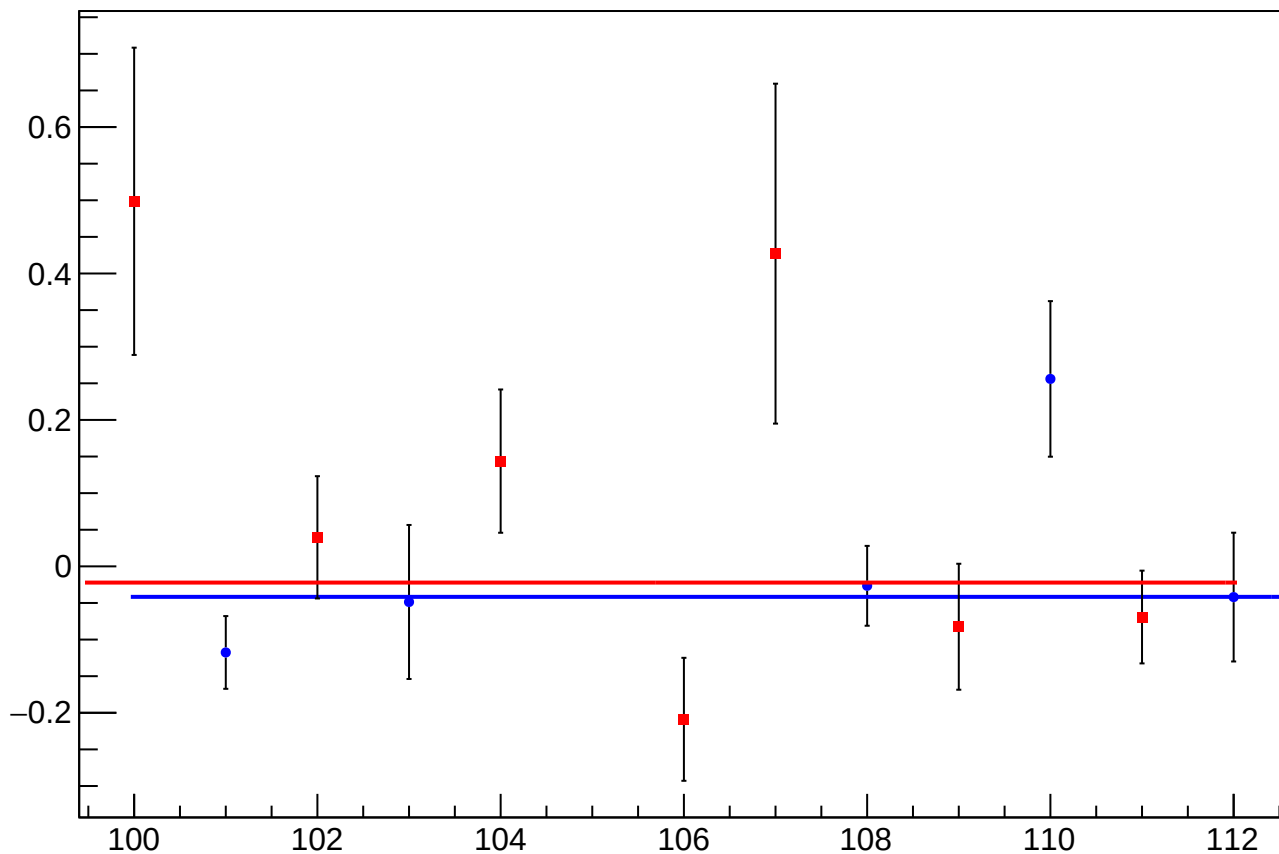
Right: 0.001+/-0.000 χ^2/NDF : 2639437.8/11

In: 0.001+/-0.000 χ^2/NDF : 841482.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2639437.8/11

asym_usl_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.042 $\pm$ 0.031 χ^2 /NDF: 10.3/4

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

Right Out: -0.022 $\pm$ 0.035 χ^2 /NDF: 19.3/6

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

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

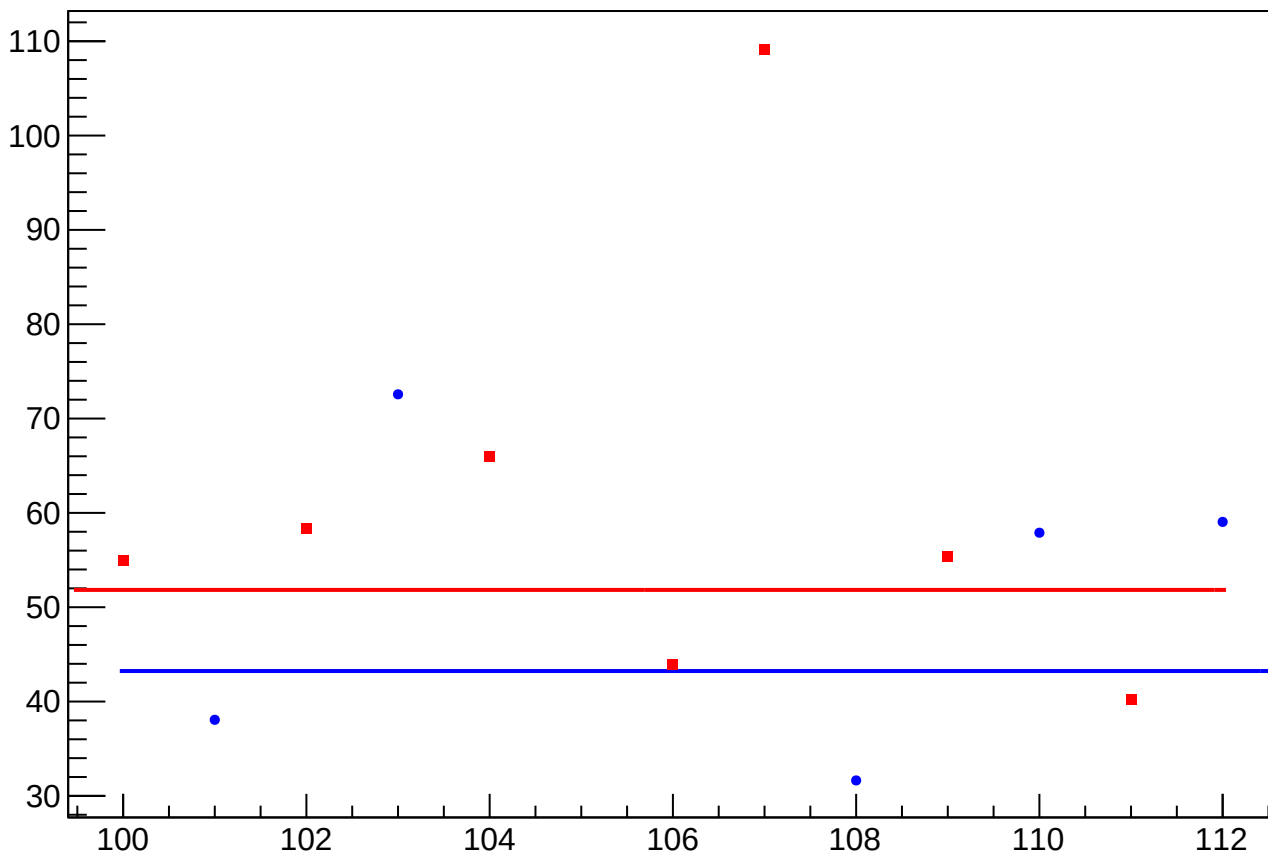
Right: -0.033 $\pm$ 0.023 χ^2 /NDF: 29.8/11

In: -0.042 $\pm$ 0.031 χ^2 /NDF:10.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.033 $\pm$ 0.023 χ^2 /NDF: 29.8/11

asym_usl_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 43.235+/-0.022 χ^2/NDF : 370418.7/4

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

Right Out: 51.835+/-0.025 χ^2/NDF : 264970.3/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

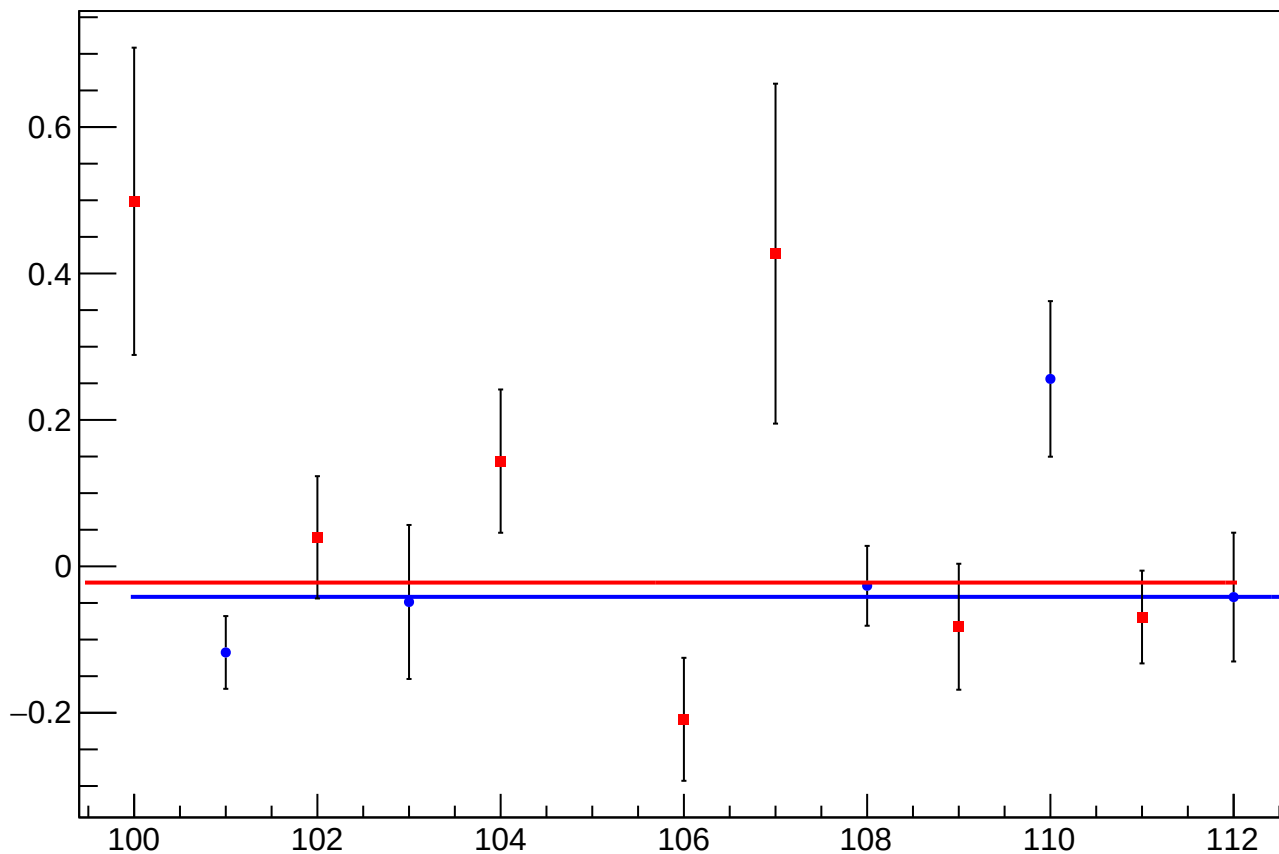
Right: 46.994+/-0.016 χ^2/NDF : 703255.6/11

In: 43.235+/-0.022 χ^2/NDF : 370418.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.994+/-0.016 χ^2/NDF : 703255.6/11

asym_usl_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.042+/-0.031 χ^2/NDF : 10.3/4

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

Right Out: -0.022+/-0.035 χ^2/NDF : 19.3/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

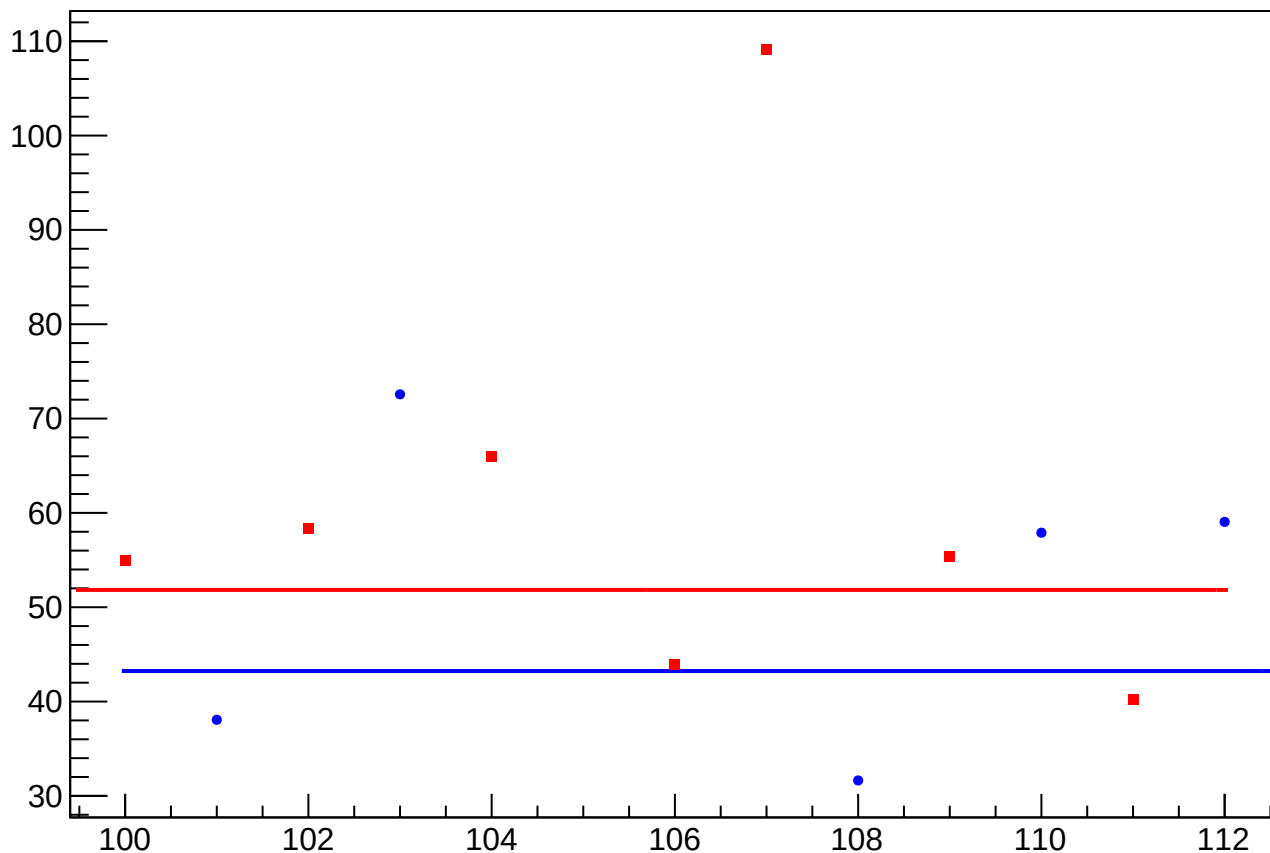
Right: -0.033+/-0.023 χ^2/NDF : 29.8/11

In: -0.042+/-0.031 χ^2/NDF :10.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.033+/-0.023 χ^2/NDF : 29.8/11

asym_usl_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 43.235+/-0.022 χ^2/NDF : 370418.7/4

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

Right Out: 51.835+/-0.025 χ^2/NDF : 264970.3/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

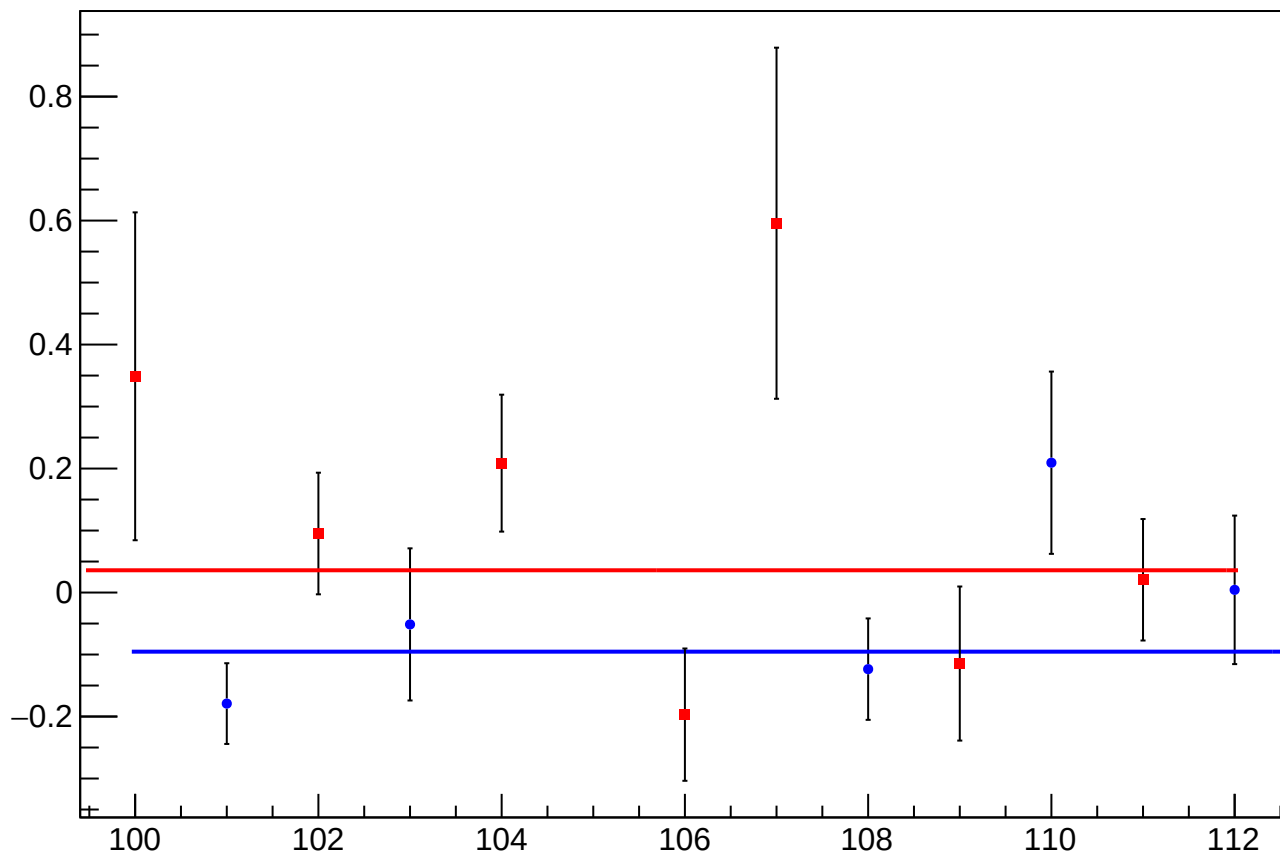
Right: 46.994+/-0.016 χ^2/NDF : 703255.6/11

In: 43.235+/-0.022 χ^2/NDF :370418.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 46.994+/-0.016 χ^2/NDF : 703255.6/11

asym_usl_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.095 ± 0.042 χ^2/NDF : 6.9/4

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

Right Out: 0.036 ± 0.046 χ^2/NDF : 14.4/6

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

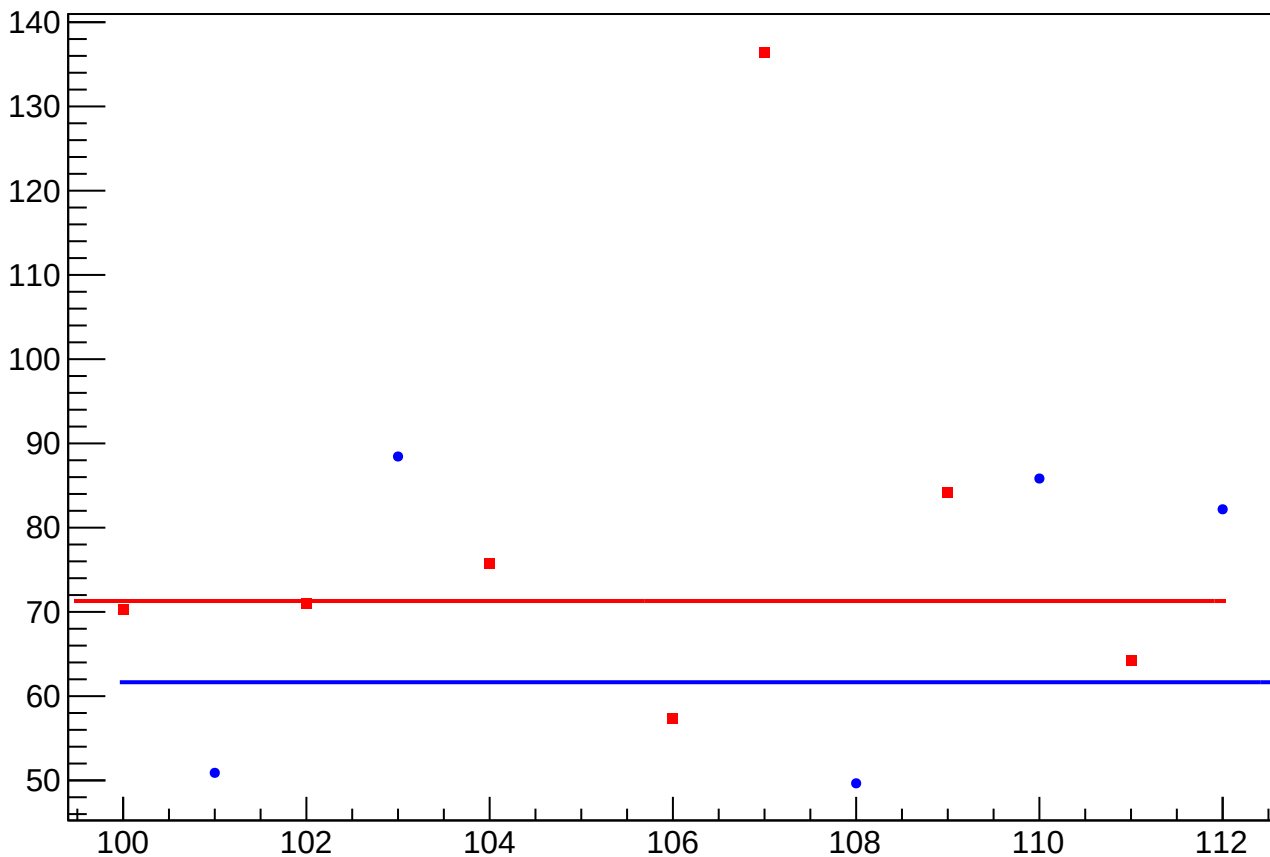
Right: -0.036 ± 0.031 χ^2/NDF : 25.7/11

In: -0.095 ± 0.042 χ^2/NDF : 6.9/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.036 ± 0.031 χ^2/NDF : 25.7/11

asym_usl_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.652 $\pm$ 0.030 χ^2 /NDF: 305795.6/4

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

Right Out: 71.295 $\pm$ 0.033 χ^2 /NDF: 175231.1/6

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

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

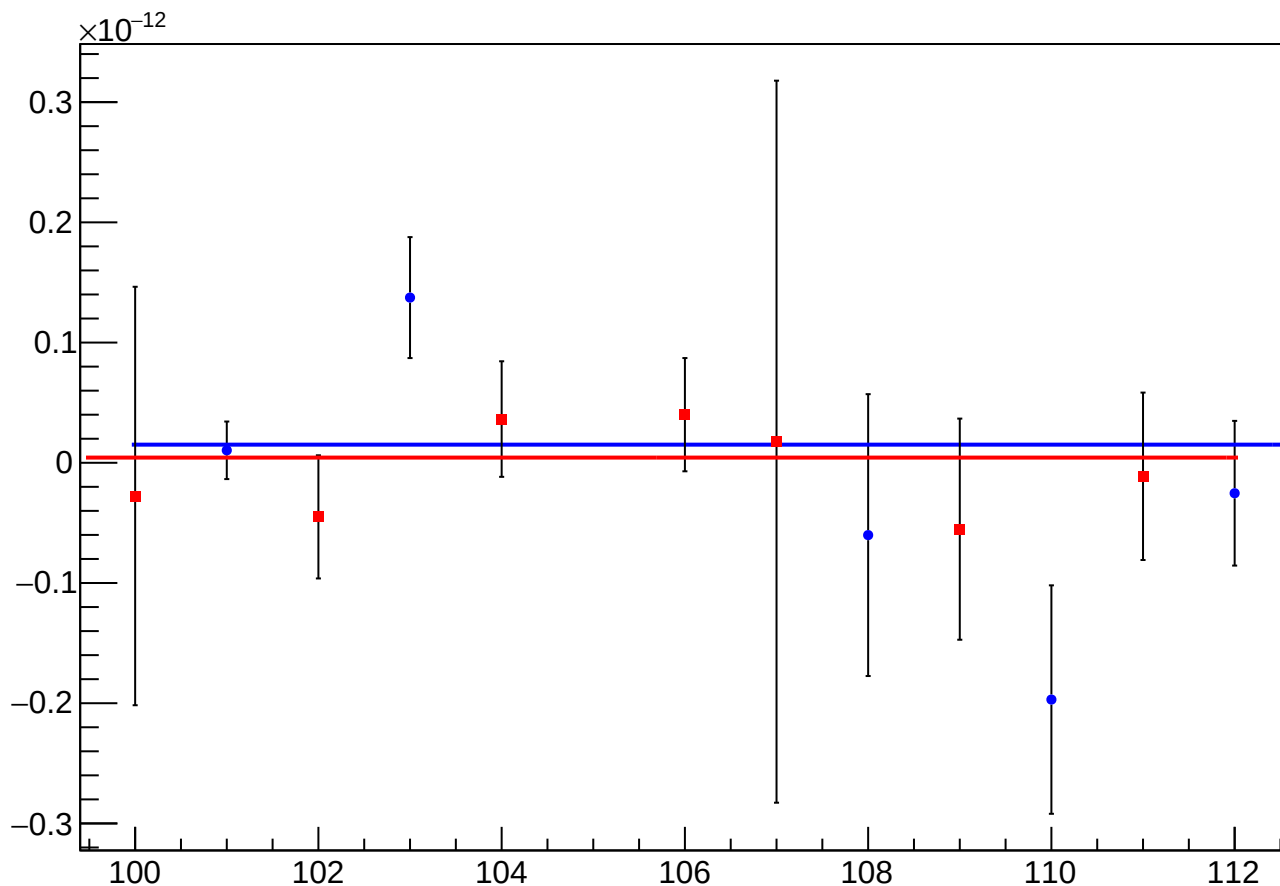
Right: 66.017 $\pm$ 0.022 χ^2 /NDF: 528809.6/11

In: 61.652 $\pm$ 0.030 χ^2 /NDF:305795.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 66.017 $\pm$ 0.022 χ^2 /NDF: 528809.6/11

asym_usl_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.8/4

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

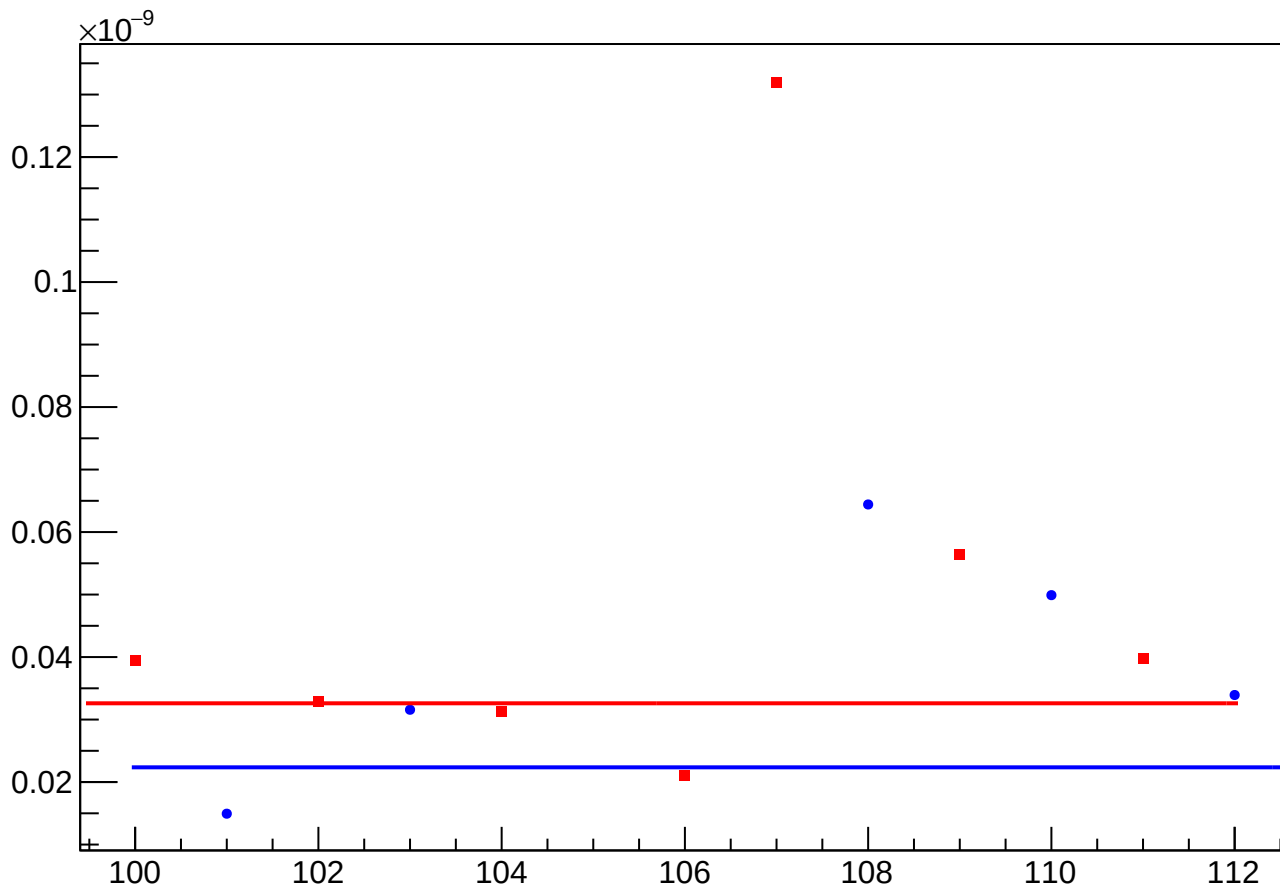
Right: 0.000+/-0.000 χ^2/NDF : 14.4/11

In: 0.000+/-0.000 χ^2/NDF : 11.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.4/11

asym_usl_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 758643.4/4

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

Right Out: 0.000+/-0.000 χ^2/NDF : 496670.0/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

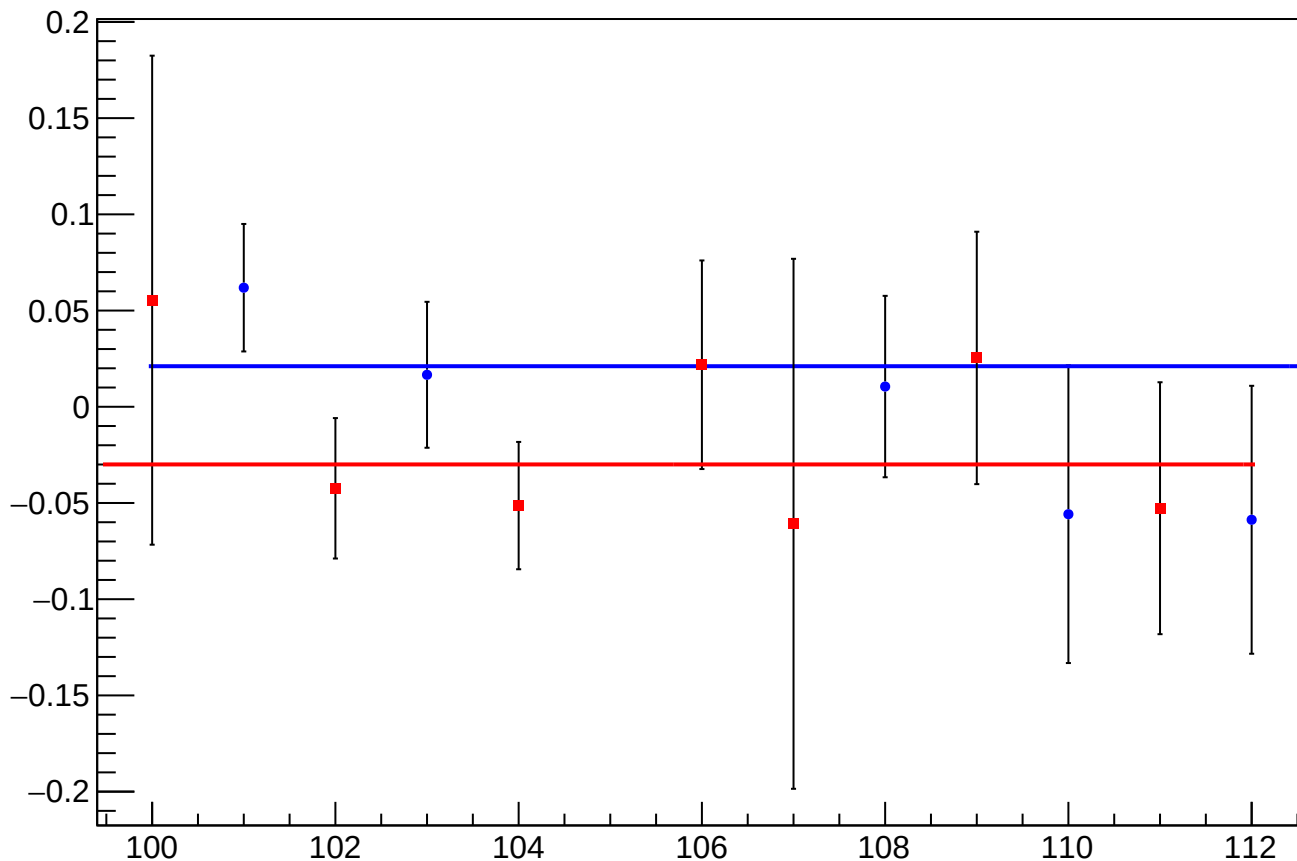
Right: 0.000+/-0.000 χ^2/NDF : 1465889.3/11

In: 0.000+/-0.000 χ^2/NDF : 758643.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1465889.3/11

asym_usl_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.020 χ^2/NDF : 3.9/4

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

Right Out: -0.030+/-0.020 χ^2/NDF : 2.8/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

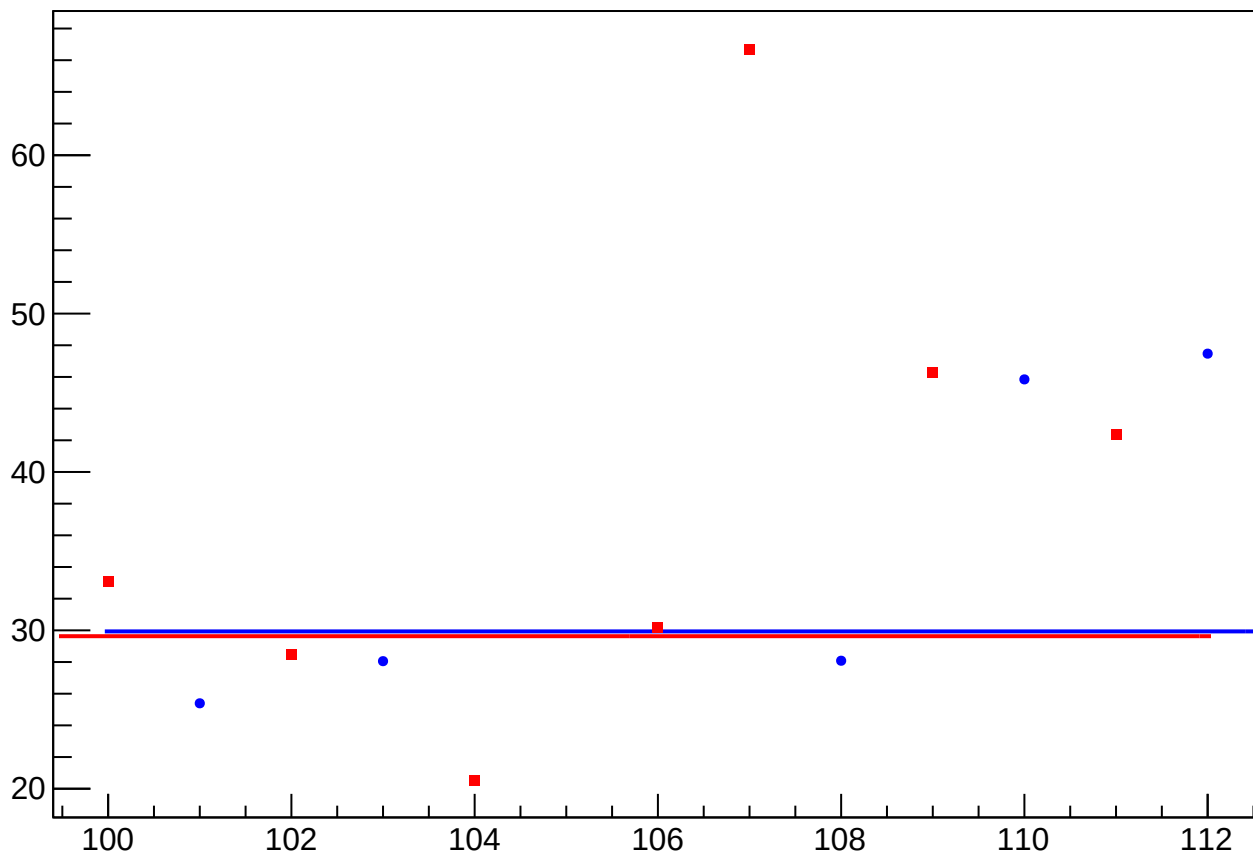
Right: -0.005+/-0.014 χ^2/NDF : 9.9/11

In: 0.021+/-0.020 χ^2/NDF : 3.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.014 χ^2/NDF : 9.9/11

asym_usl_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.934+/-0.014 χ^2/NDF : 257092.3/4

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

Right Out: 29.631+/-0.014 χ^2/NDF : 505190.9/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

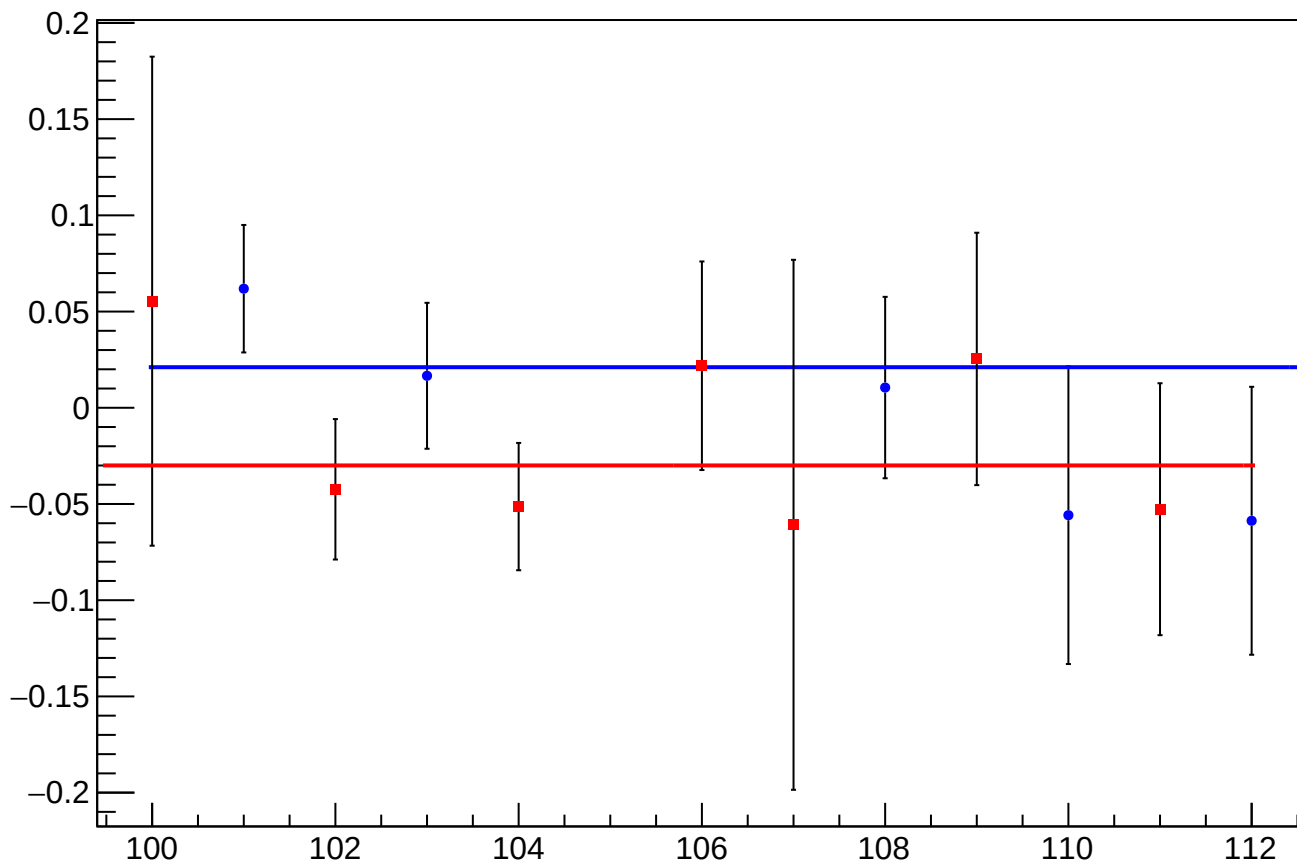
Right: 29.778+/-0.010 χ^2/NDF : 762513.1/11

In: 29.934+/-0.014 χ^2/NDF : 257092.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.778+/-0.010 χ^2/NDF : 762513.1/11

asym_usl_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021 $\pm$ 0.020 χ^2 /NDF: 3.9/4

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

Right Out: -0.030 $\pm$ 0.020 χ^2 /NDF: 2.8/6

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

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

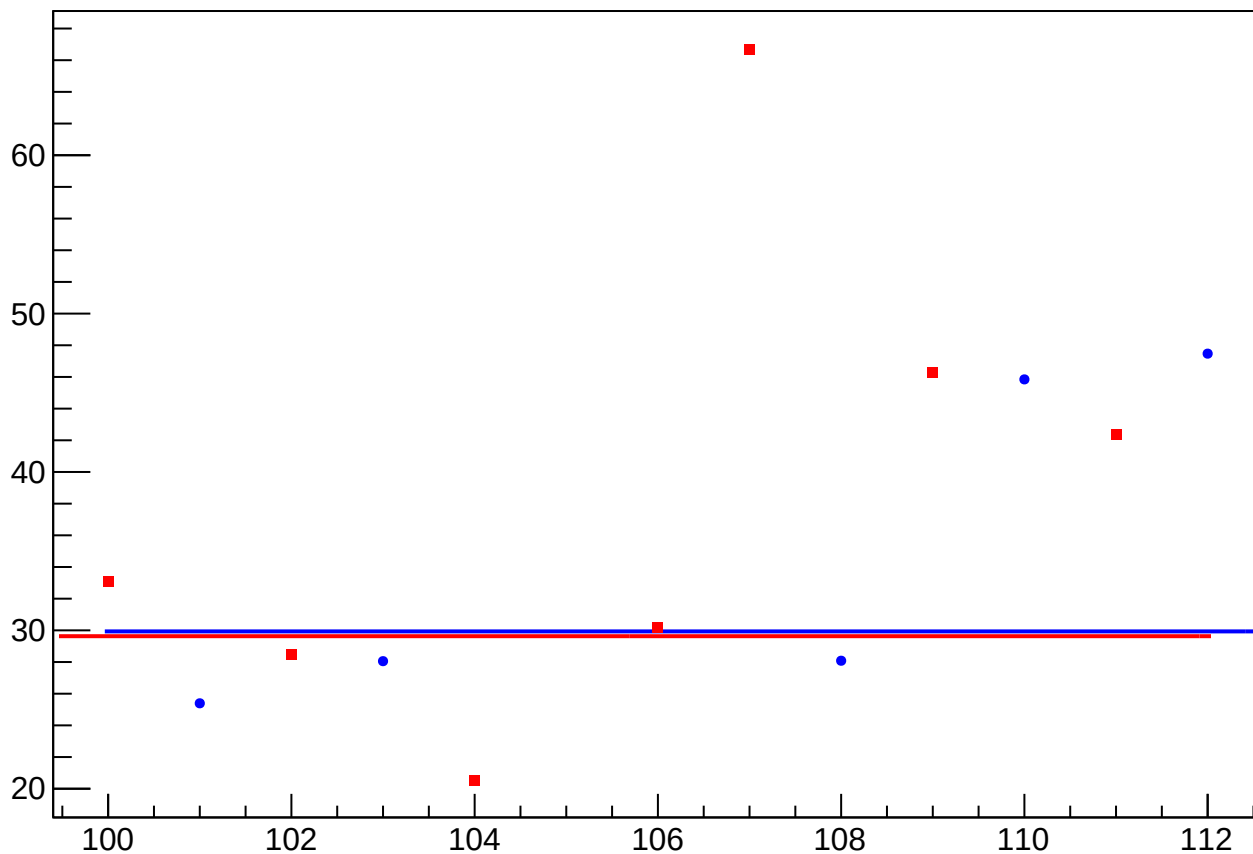
Right: -0.005 $\pm$ 0.014 χ^2 /NDF: 9.9/11

In: 0.021 $\pm$ 0.020 χ^2 /NDF:3.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.005 $\pm$ 0.014 χ^2 /NDF: 9.9/11

asym_usl_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.934+/-0.014 χ^2/NDF : 257092.3/4

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

Right Out: 29.631+/-0.014 χ^2/NDF : 505190.9/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

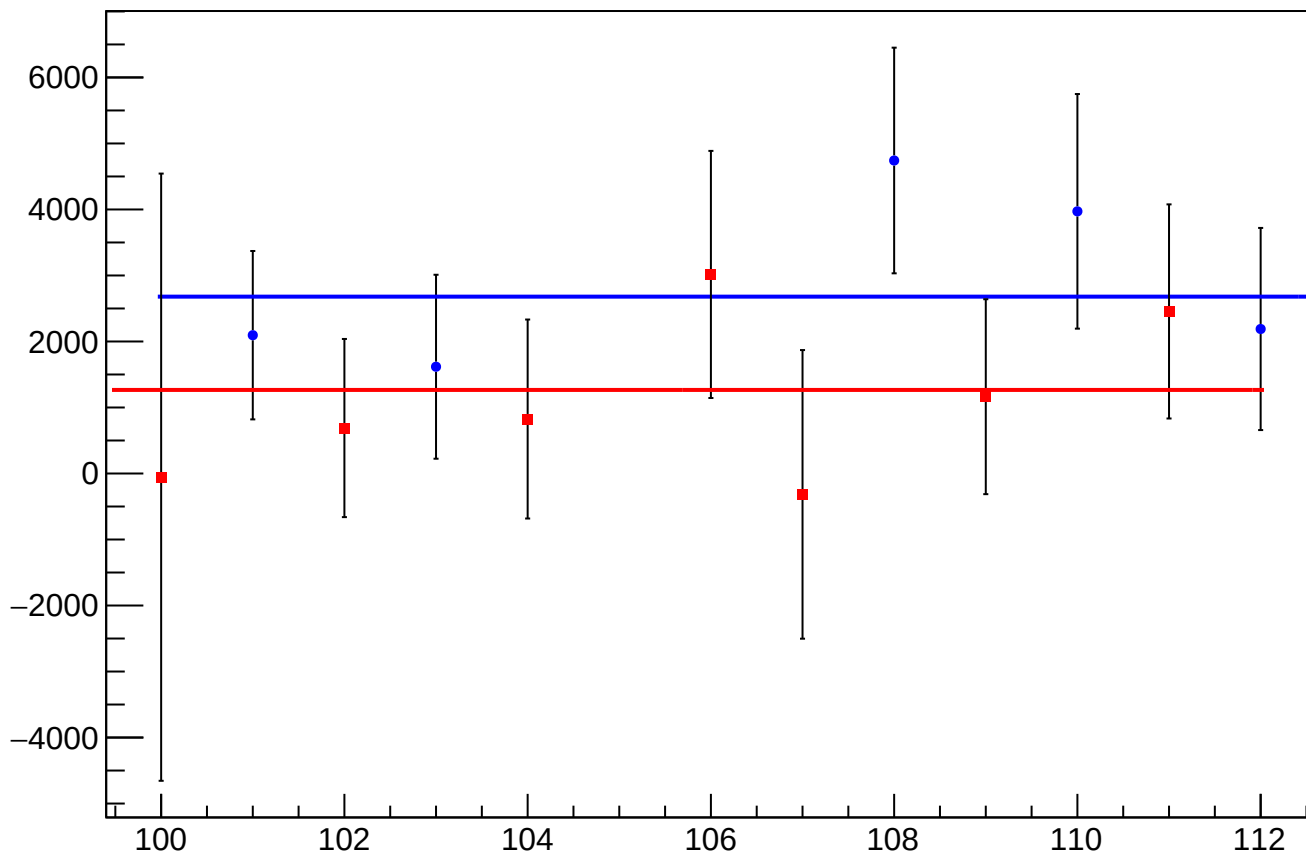
Right: 29.778+/-0.010 χ^2/NDF : 762513.1/11

In: 29.934+/-0.014 χ^2/NDF : 257092.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.778+/-0.010 χ^2/NDF : 762513.1/11

reg_asym_usr_mean vs Slug, Sign Corrected



Right In: 2679.414+/-671.908 χ^2/NDF : 2.9/4

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

Right Out: 1266.011+/-649.576 χ^2/NDF : 2.3/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

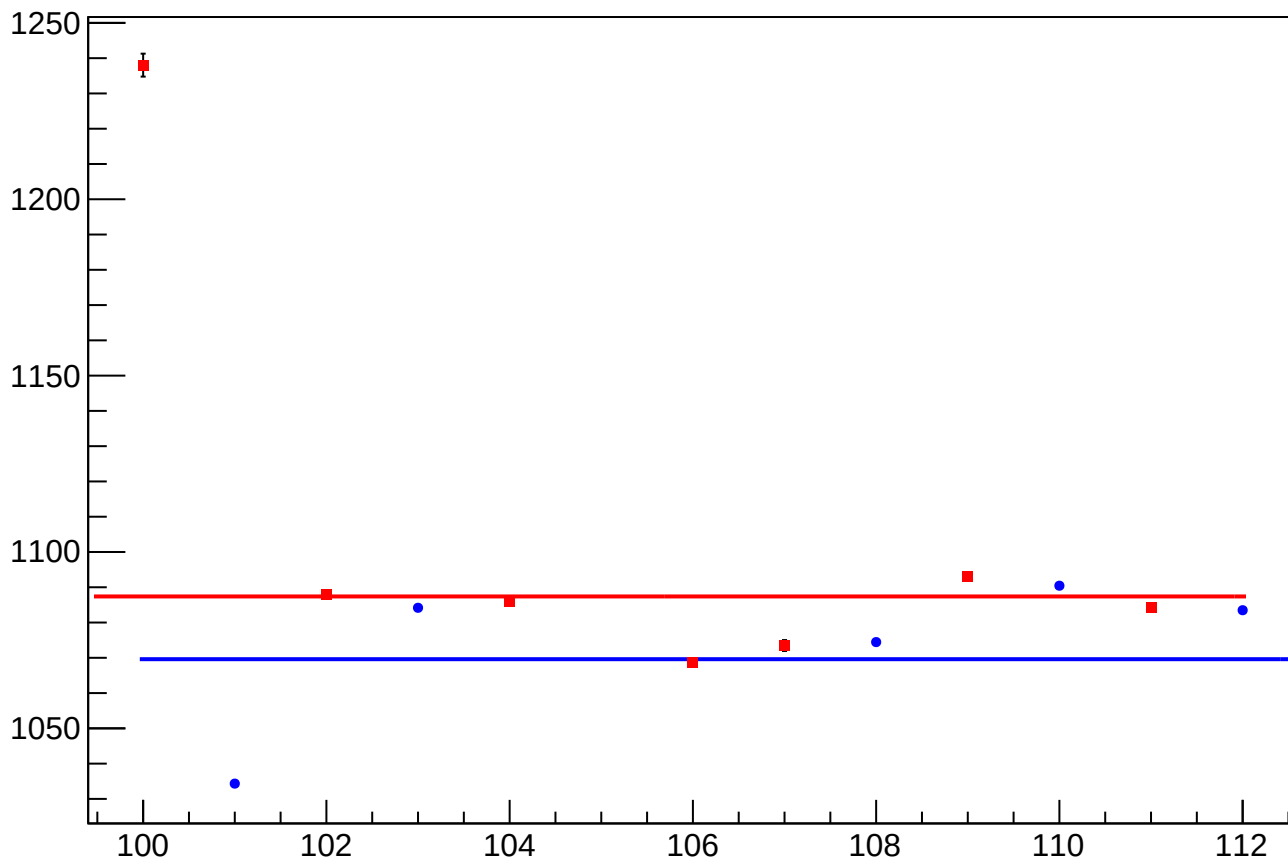
Right: 1948.833+/-467.015 χ^2/NDF : 7.5/11

In: 2679.414+/-671.908 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1948.833+/-467.015 χ^2/NDF : 7.5/11

reg_asym_usr_rms vs Slug, Sign Corrected



Right In: 1069.609+/-0.475 χ^2/NDF : 2203.7/4

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

Right Out: 1087.396+/-0.459 χ^2/NDF : 2467.4/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

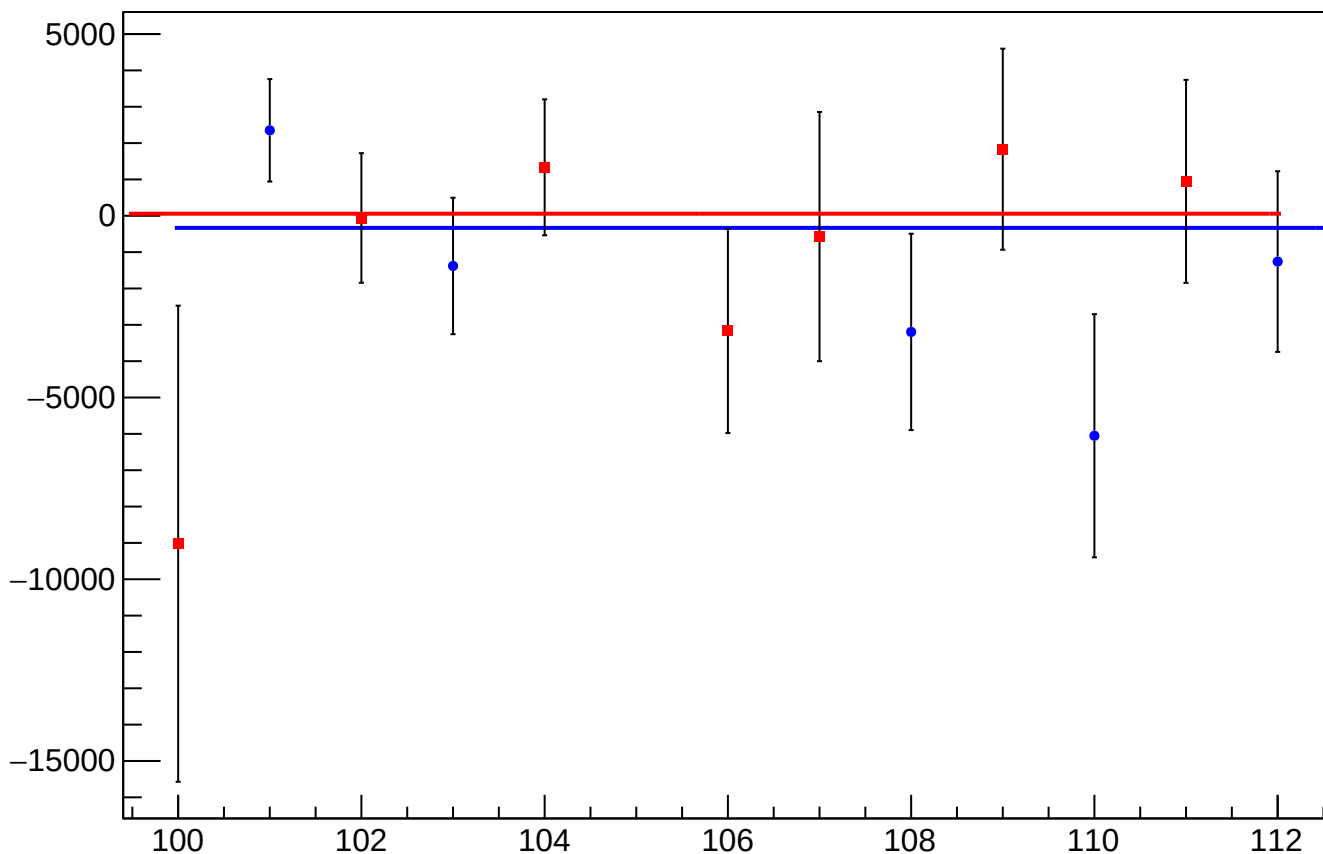
Right: 1078.803+/-0.330 χ^2/NDF : 5395.6/11

In: 1069.609+/-0.475 χ^2/NDF : 2203.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1078.803+/-0.330 χ^2/NDF : 5395.6/11

asym_usr_reg_correction_mean vs Slug, Sign Corrected



Right In: -332.530 $\pm$ 922.410 χ^2 /NDF: 8.1/4

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

Right Out: 57.159 $\pm$ 955.963 χ^2 /NDF: 4.3/6

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

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

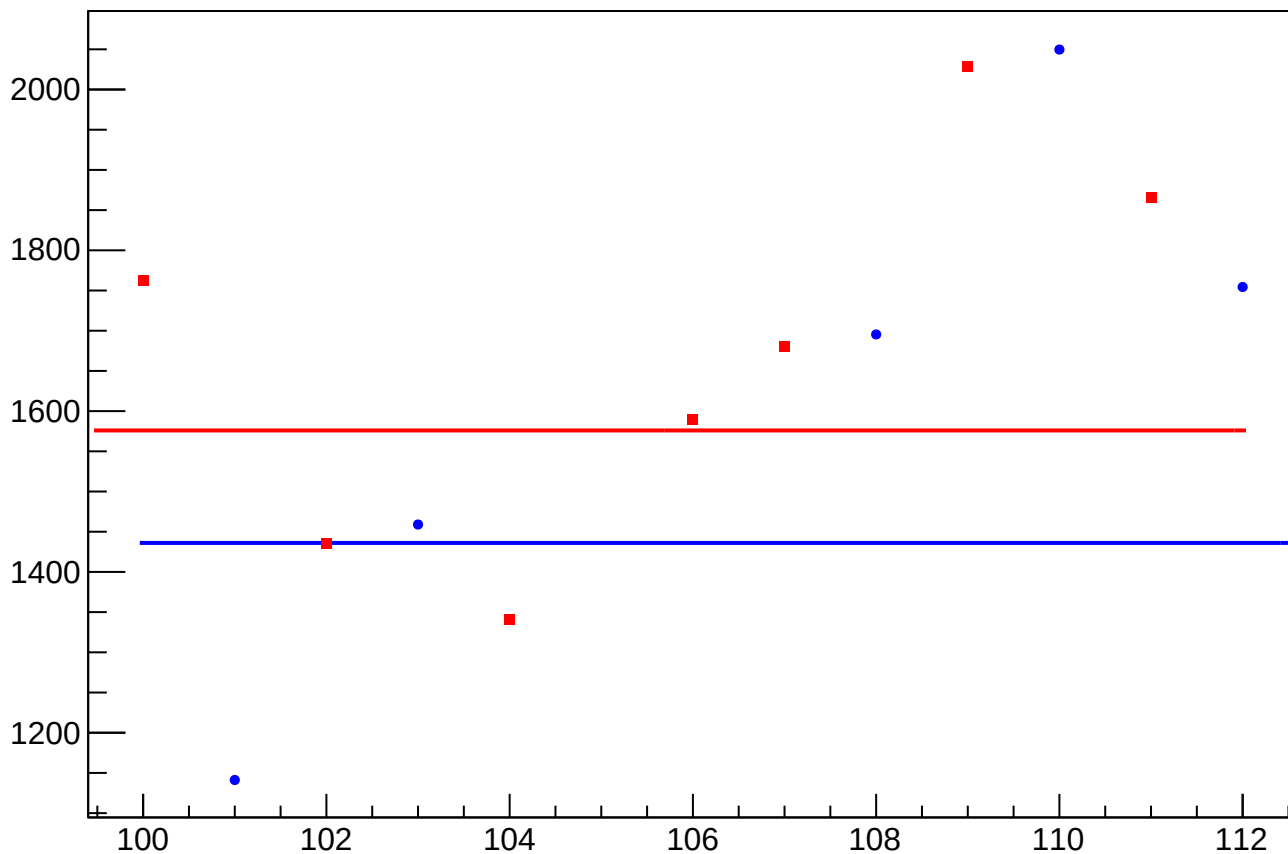
Right: -144.644 $\pm$ 663.787 χ^2 /NDF: 12.5/11

In: -332.530 $\pm$ 922.410 χ^2 /NDF: 8.1/4

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

All: -144.644 $\pm$ 663.787 χ^2 /NDF: 12.5/11

asym_usr_reg_correction_rms vs Slug, Sign Corrected



Right In: 1436.076+/-0.652 χ^2/NDF : 206320.0/4

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

Right Out: 1575.965+/-0.676 χ^2/NDF : 122370.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

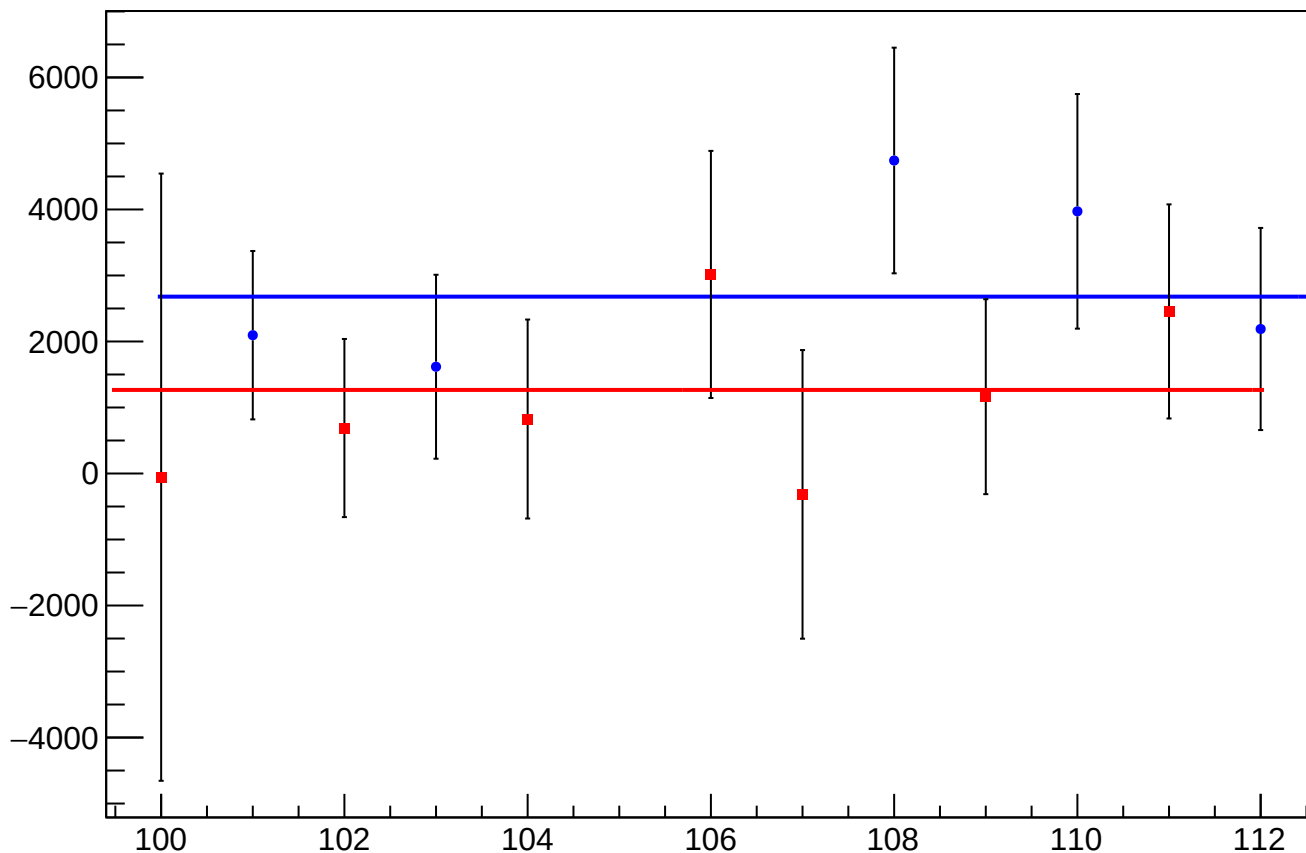
Right: 1503.523+/-0.469 χ^2/NDF : 350868.5/11

In: 1436.076+/-0.652 χ^2/NDF : 206320.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1503.523+/-0.469 χ^2/NDF : 350868.5/11

cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2679.414+/-671.908 χ^2/NDF : 2.9/4

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

Right Out: 1266.011+/-649.576 χ^2/NDF : 2.3/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

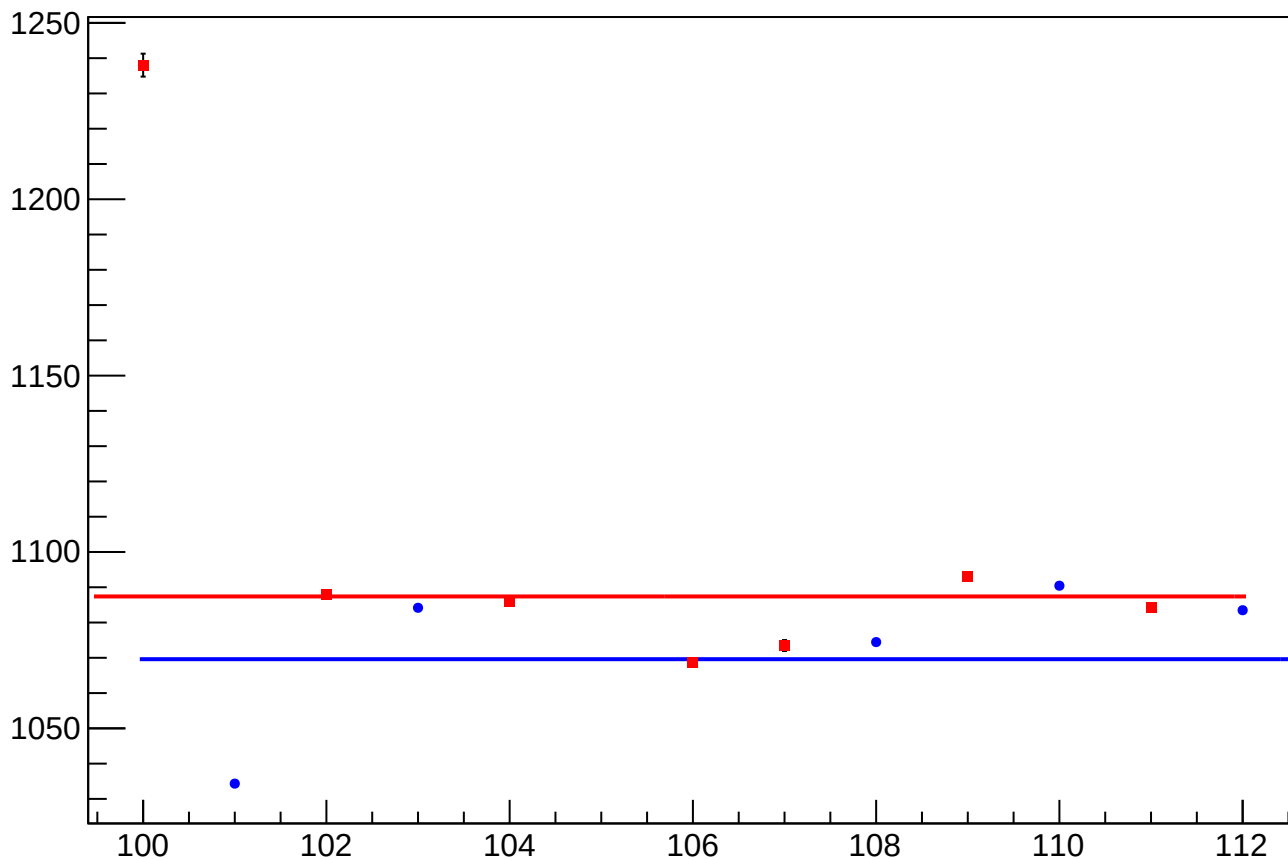
Right: 1948.833+/-467.015 χ^2/NDF : 7.5/11

In: 2679.414+/-671.908 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1948.833+/-467.015 χ^2/NDF : 7.5/11

cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1069.609+/-0.475 χ^2/NDF : 2203.7/4

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

Right Out: 1087.396+/-0.459 χ^2/NDF : 2467.4/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

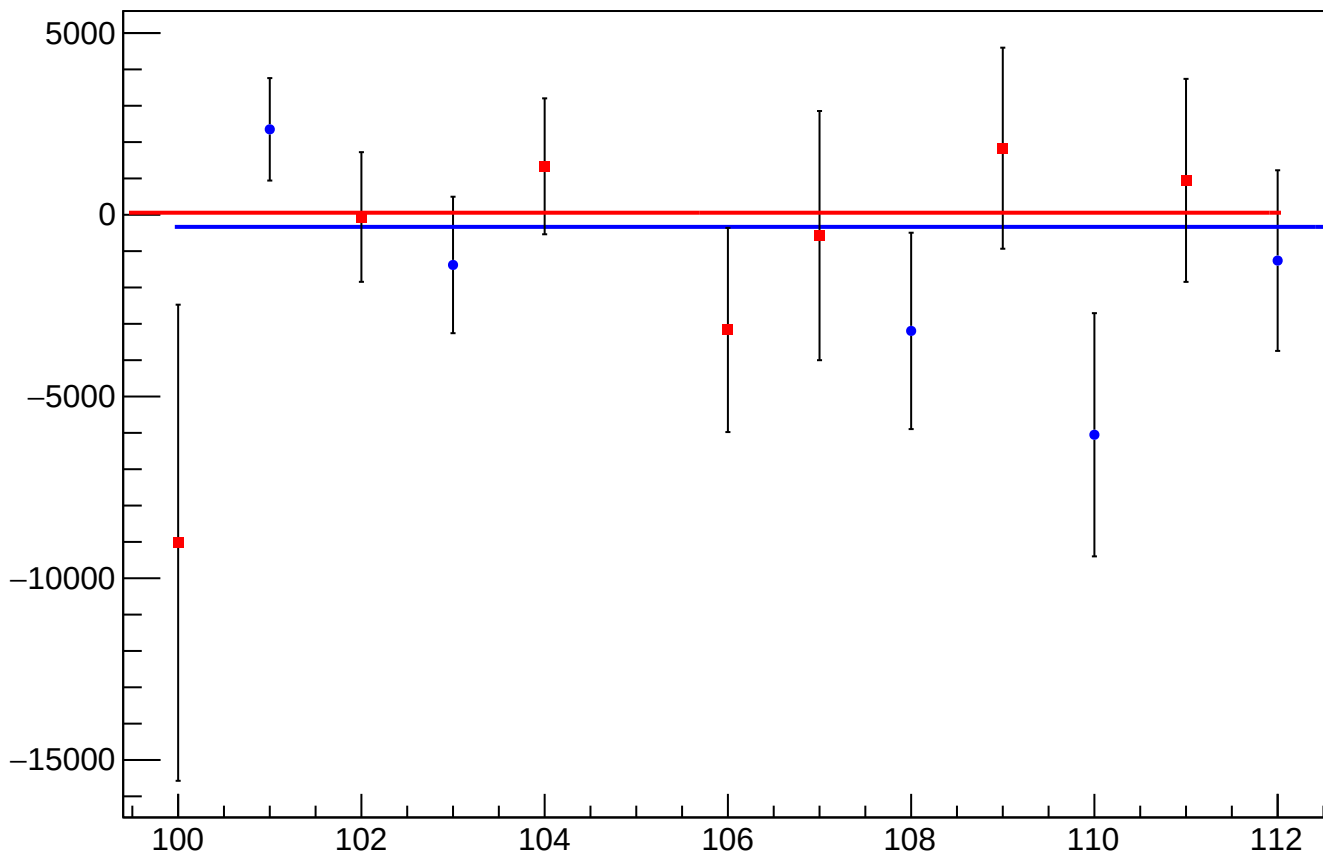
Right: 1078.803+/-0.330 χ^2/NDF : 5395.6/11

In: 1069.609+/-0.475 χ^2/NDF : 2203.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1078.803+/-0.330 χ^2/NDF : 5395.6/11

asym_usr_cor_correction_mean vs Slug, Sign Corrected



Right In: -332.530+/-922.410 χ^2/NDF : 8.1/4

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

Right Out: 57.159+/-955.963 χ^2/NDF : 4.3/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

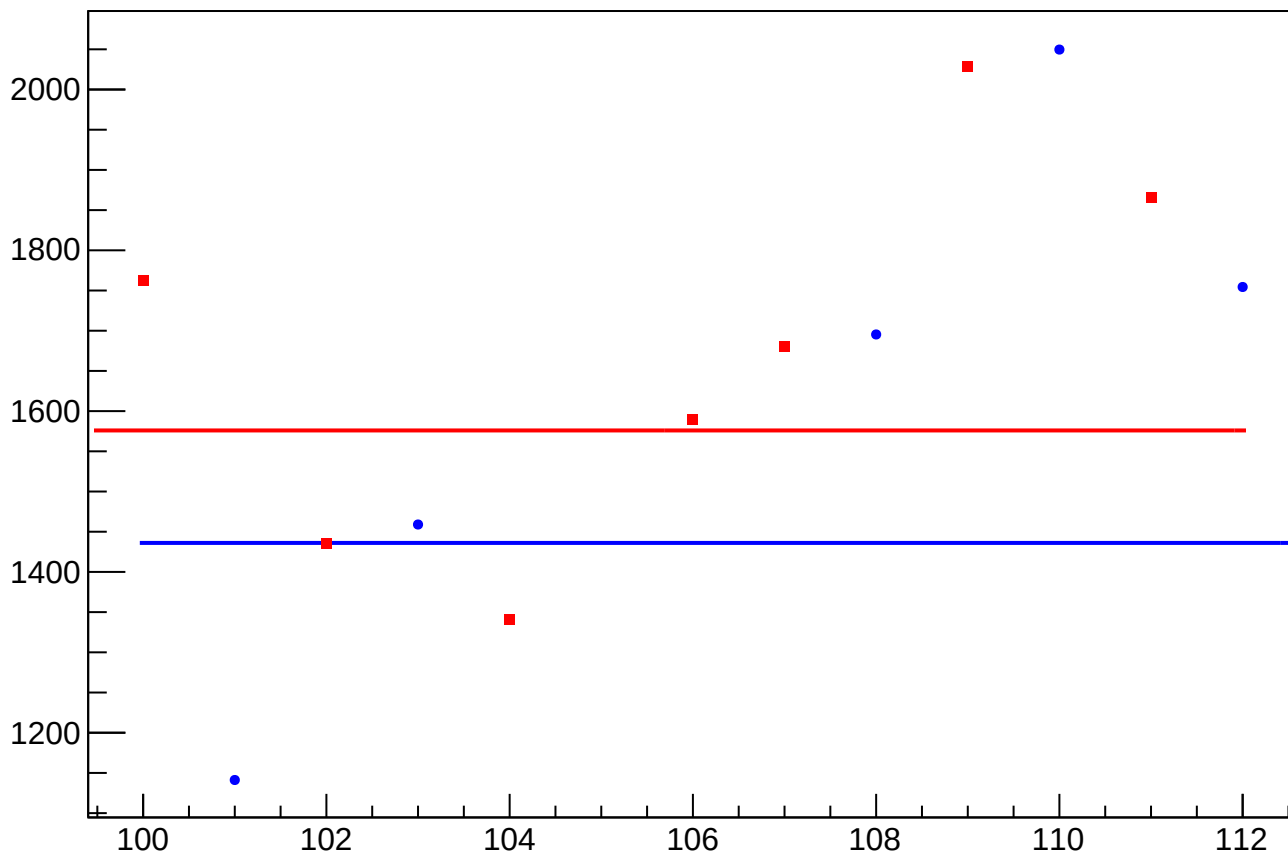
Right: -144.644+/-663.787 χ^2/NDF : 12.5/11

In: -332.530+/-922.410 χ^2/NDF : 8.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -144.644+/-663.787 χ^2/NDF : 12.5/11

asym_usr_cor_correction_rms vs Slug, Sign Corrected



Right In: 1436.076+/-0.652 χ^2/NDF : 206320.0/4

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

Right Out: 1575.965+/-0.676 χ^2/NDF : 122370.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

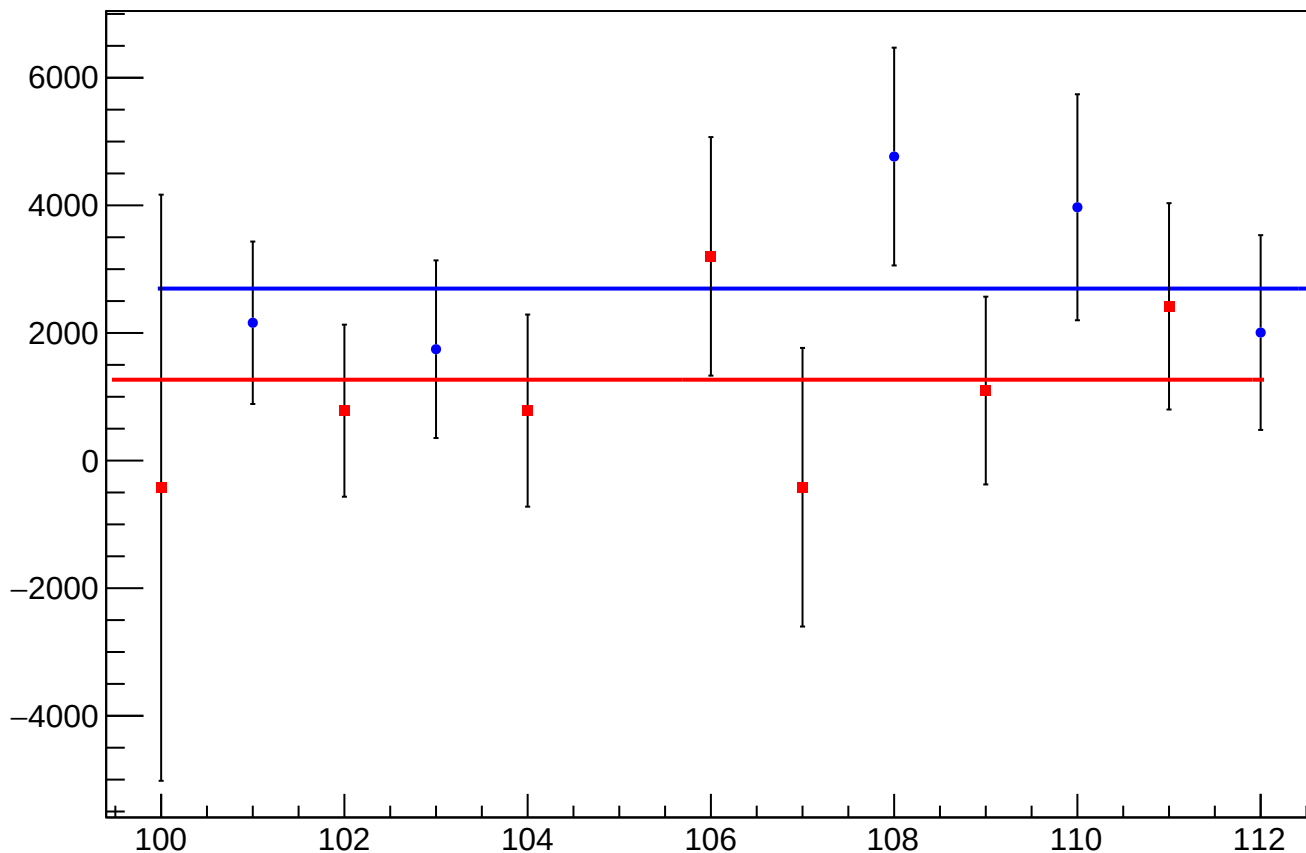
Right: 1503.523+/-0.469 χ^2/NDF : 350868.5/11

In: 1436.076+/-0.652 χ^2/NDF : 206320.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1503.523+/-0.469 χ^2/NDF : 350868.5/11

overload_cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2695.795+/-670.464 χ^2/NDF : 2.8/4

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

Right Out: 1267.465+/-648.356 χ^2/NDF : 2.6/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

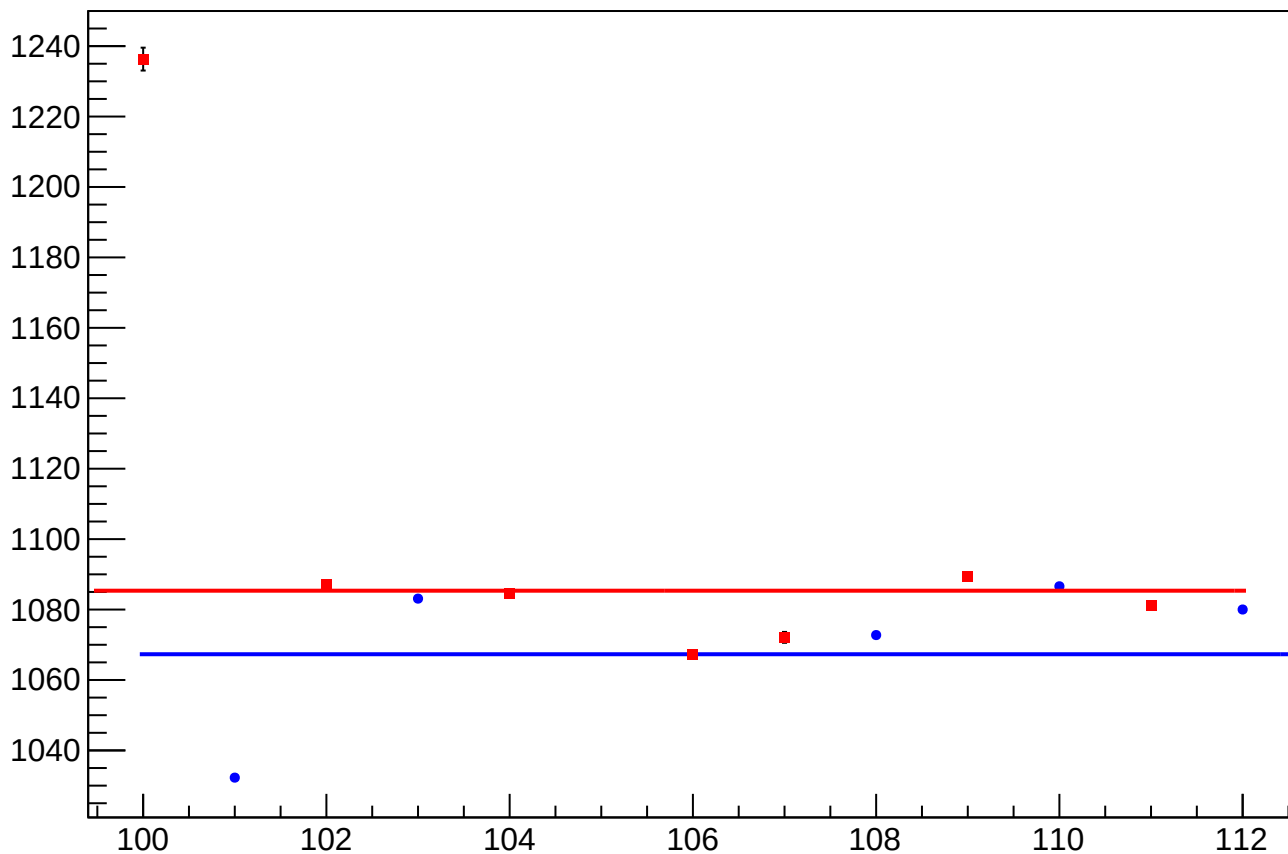
Right: 1957.693+/-466.077 χ^2/NDF : 7.7/11

In: 2695.795+/-670.464 χ^2/NDF : 2.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1957.693+/-466.077 χ^2/NDF : 7.7/11

overload_cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1067.313+/-0.474 χ^2/NDF : 2168.9/4

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

Right Out: 1085.356+/-0.458 χ^2/NDF : 2455.4/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

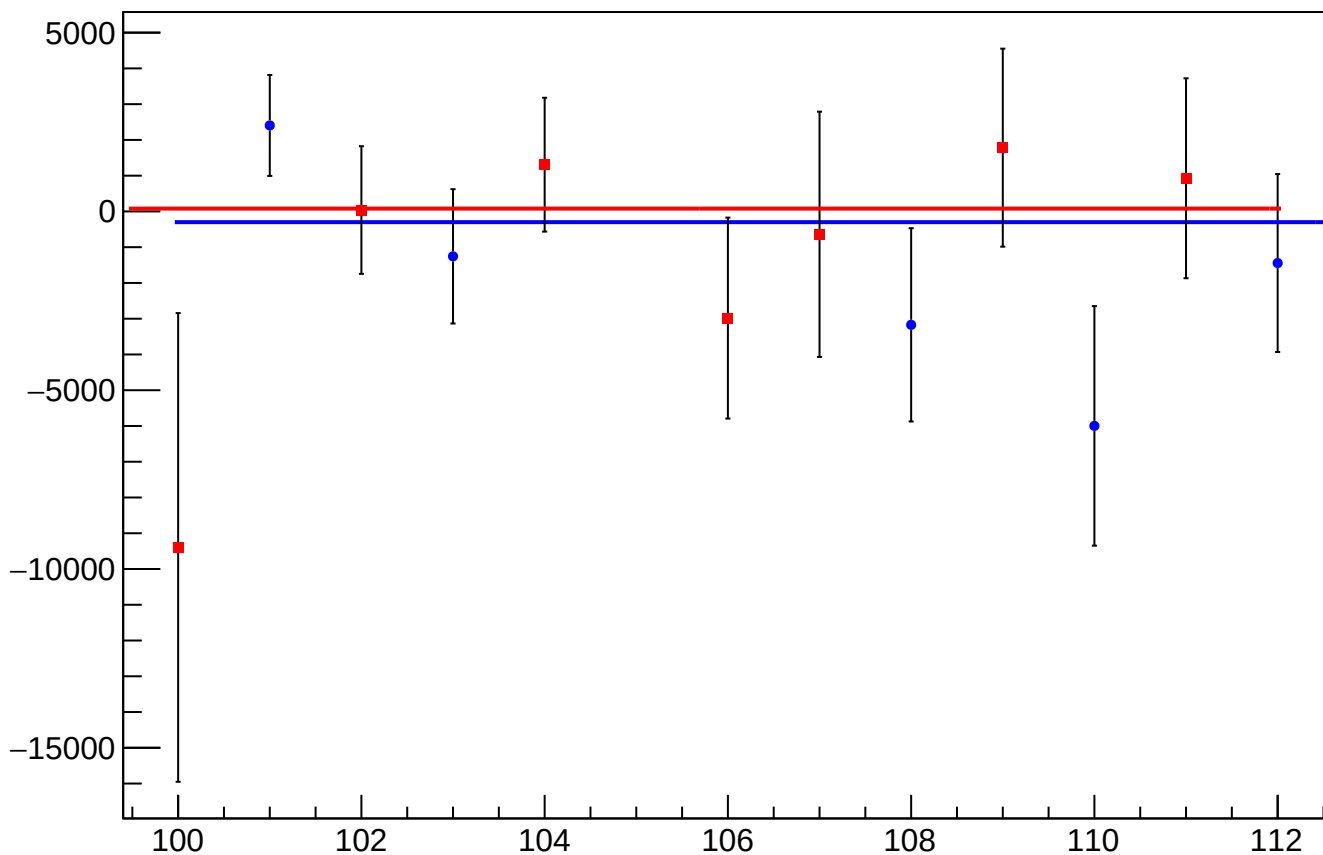
Right: 1076.637+/-0.330 χ^2/NDF : 5372.8/11

In: 1067.313+/-0.474 χ^2/NDF : 2168.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1076.637+/-0.330 χ^2/NDF : 5372.8/11

asym_usr_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: -299.884+/-923.479 χ^2/NDF : 8.2/4

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

Right Out: 78.936+/-956.648 χ^2/NDF : 4.2/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

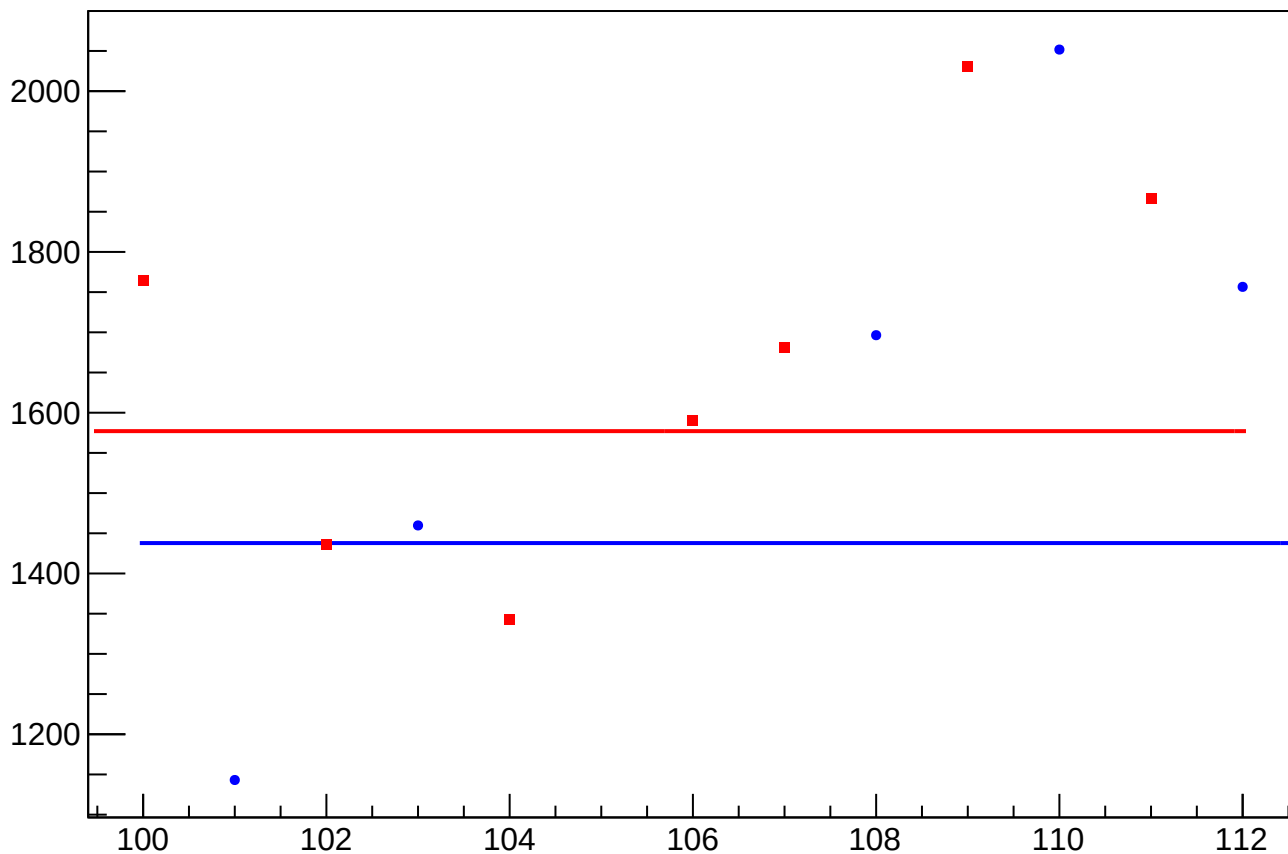
Right: -117.155+/-664.415 χ^2/NDF : 12.5/11

In: -299.884+/-923.479 χ^2/NDF : 8.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -117.155+/-664.415 χ^2/NDF : 12.5/11

asym_usr_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 1437.836+/-0.653 χ^2/NDF : 205733.9/4

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

Right Out: 1577.082+/-0.676 χ^2/NDF : 122504.6/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

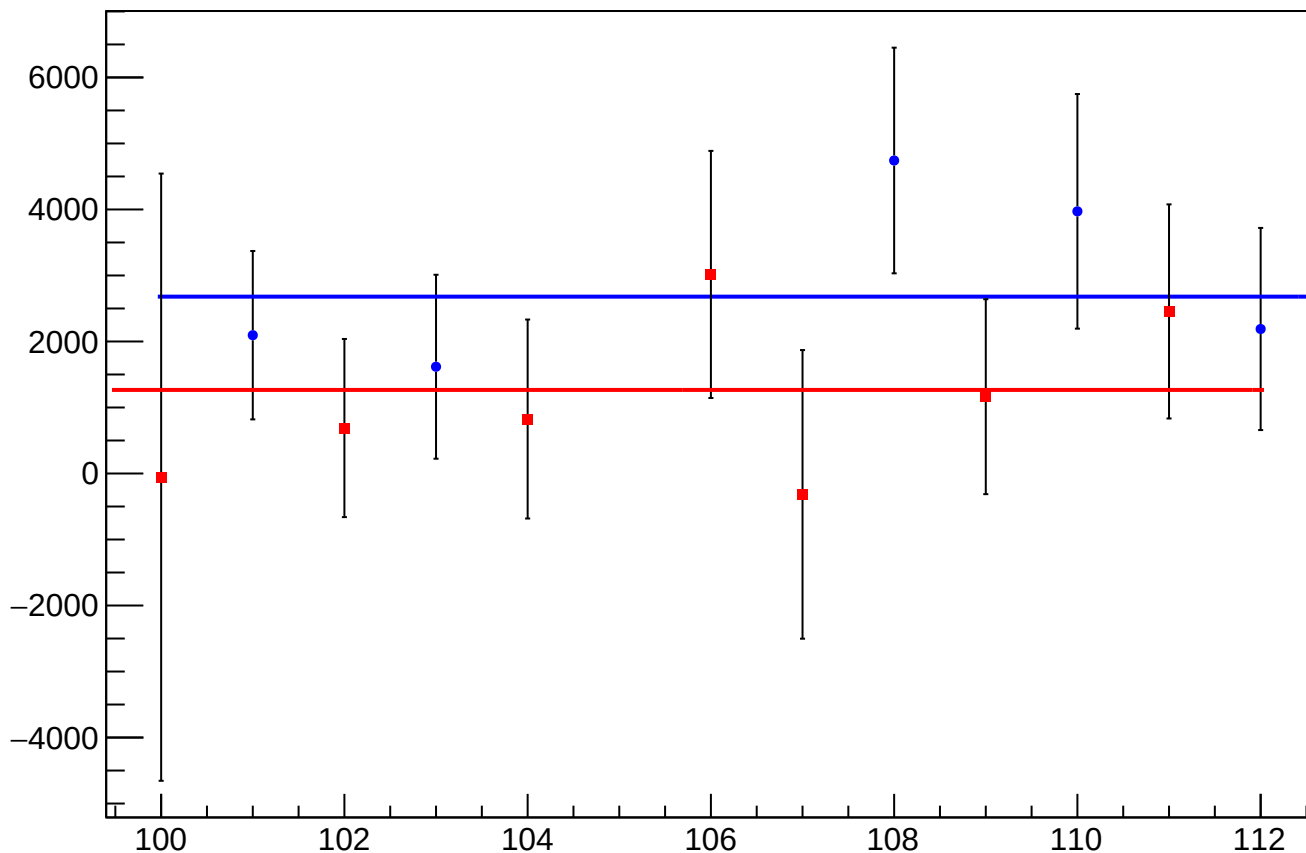
Right: 1505.003+/-0.470 χ^2/NDF : 350172.7/11

In: 1437.836+/-0.653 χ^2/NDF : 205733.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1505.003+/-0.470 χ^2/NDF : 350172.7/11

eigen_cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2679.414+/-671.908 χ^2/NDF : 2.9/4

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

Right Out: 1266.011+/-649.576 χ^2/NDF : 2.3/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

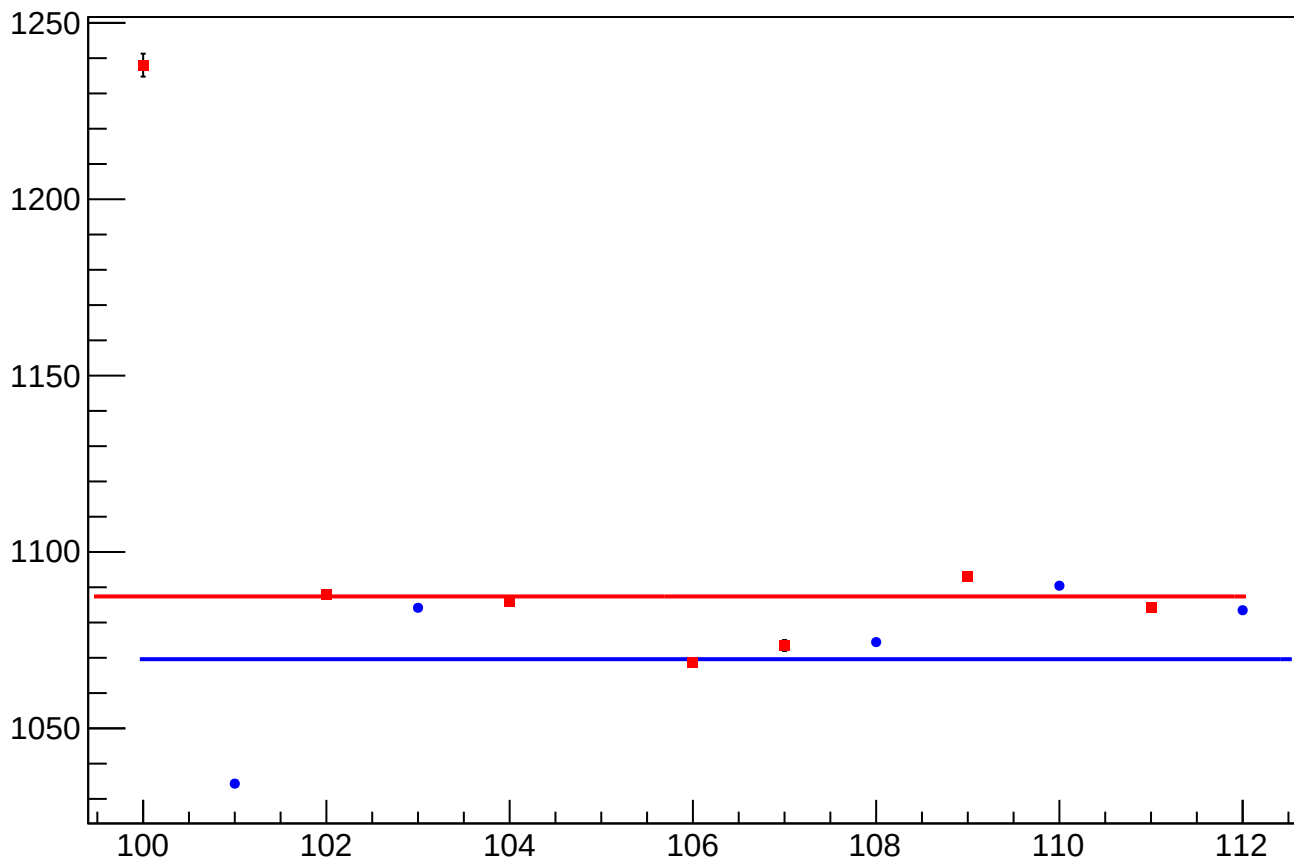
Right: 1948.833+/-467.015 χ^2/NDF : 7.5/11

In: 2679.414+/-671.908 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1948.833+/-467.015 χ^2/NDF : 7.5/11

eigen_cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1069.609+/-0.475 χ^2/NDF : 2203.7/4

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

Right Out: 1087.396+/-0.459 χ^2/NDF : 2467.4/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

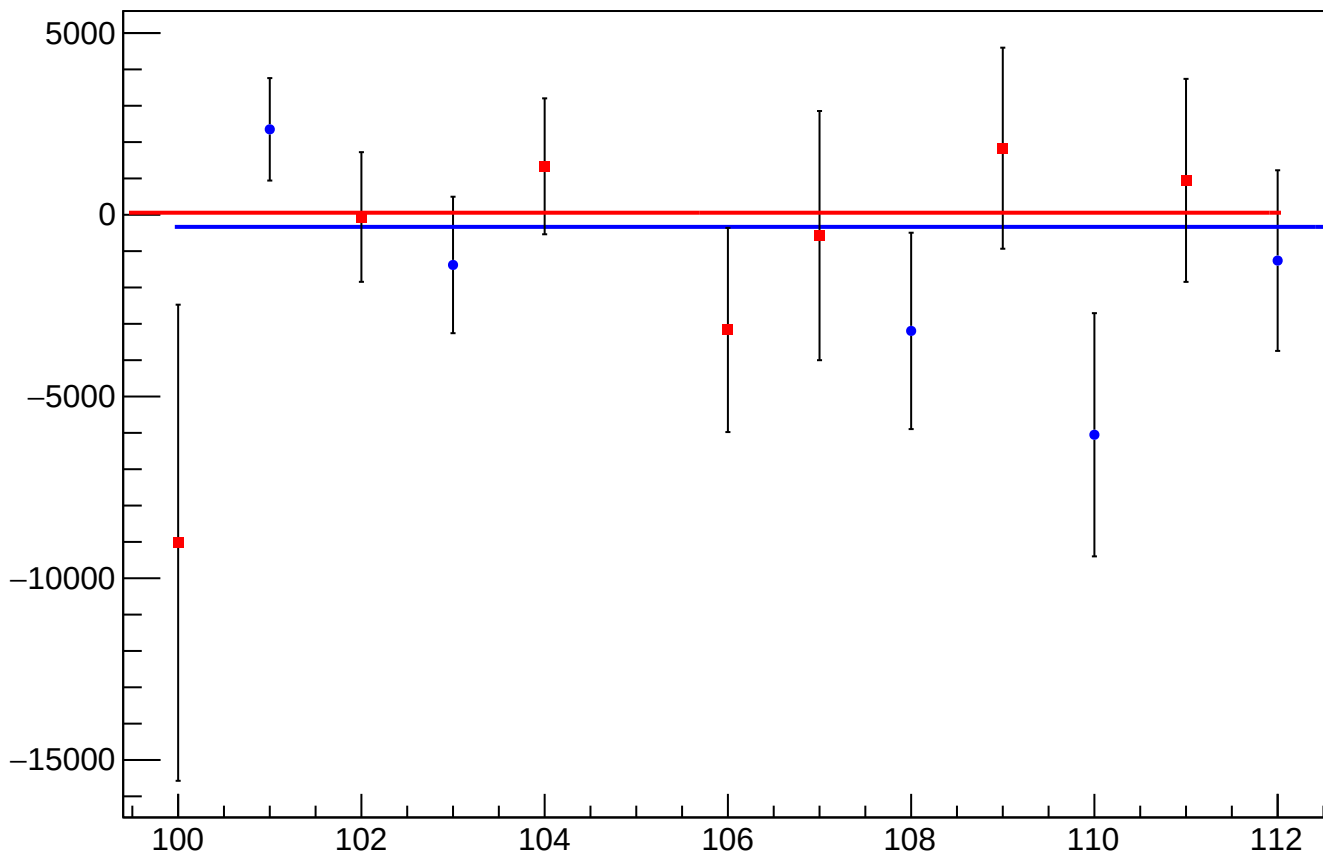
Right: 1078.803+/-0.330 χ^2/NDF : 5395.6/11

In: 1069.609+/-0.475 χ^2/NDF : 2203.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1078.803+/-0.330 χ^2/NDF : 5395.6/11

asym_usr_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -332.530+/-922.410 χ^2/NDF : 8.1/4

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

Right Out: 57.159+/-955.963 χ^2/NDF : 4.3/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

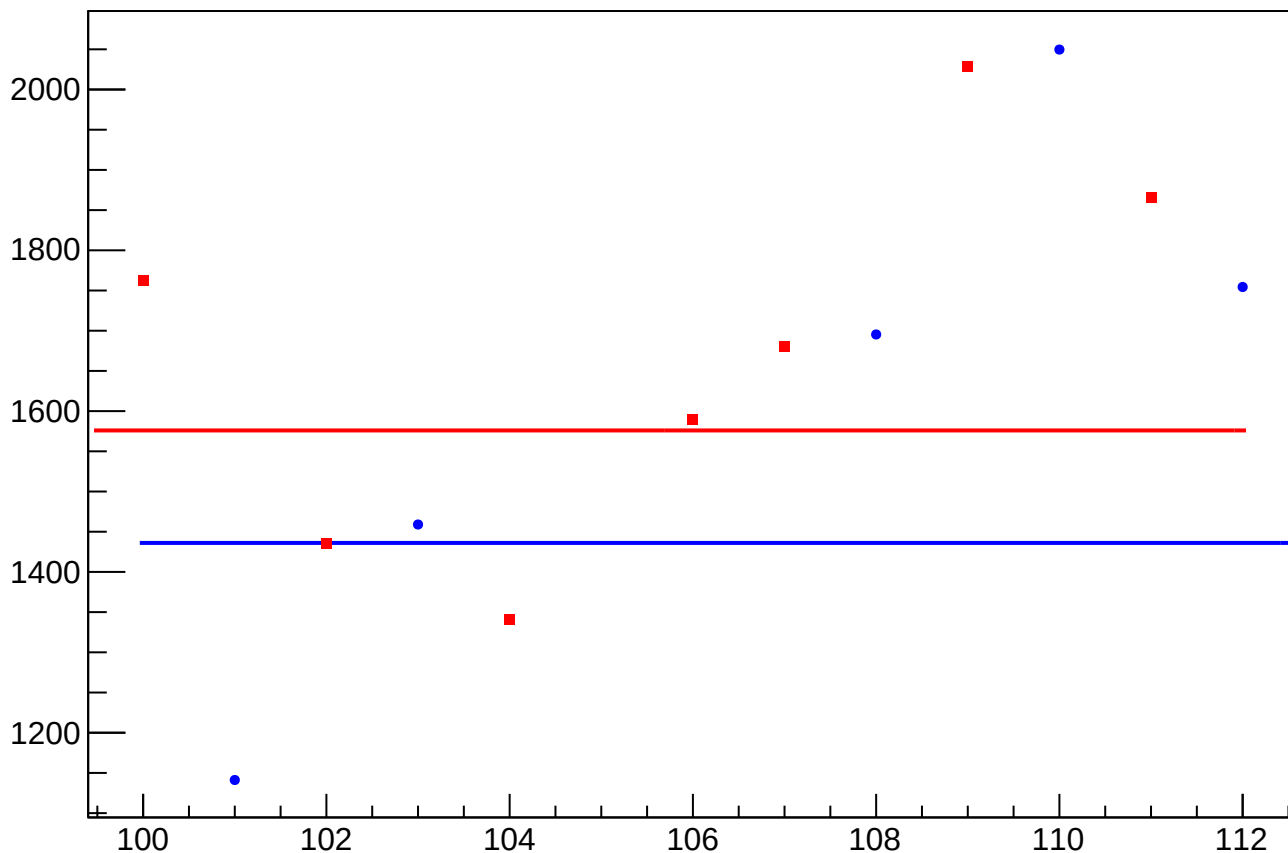
Right: -144.644+/-663.787 χ^2/NDF : 12.5/11

In: -332.530+/-922.410 χ^2/NDF : 8.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -144.644+/-663.787 χ^2/NDF : 12.5/11

asym_usr_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1436.076+/-0.652 χ^2/NDF : 206320.0/4

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

Right Out: 1575.965+/-0.676 χ^2/NDF : 122370.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

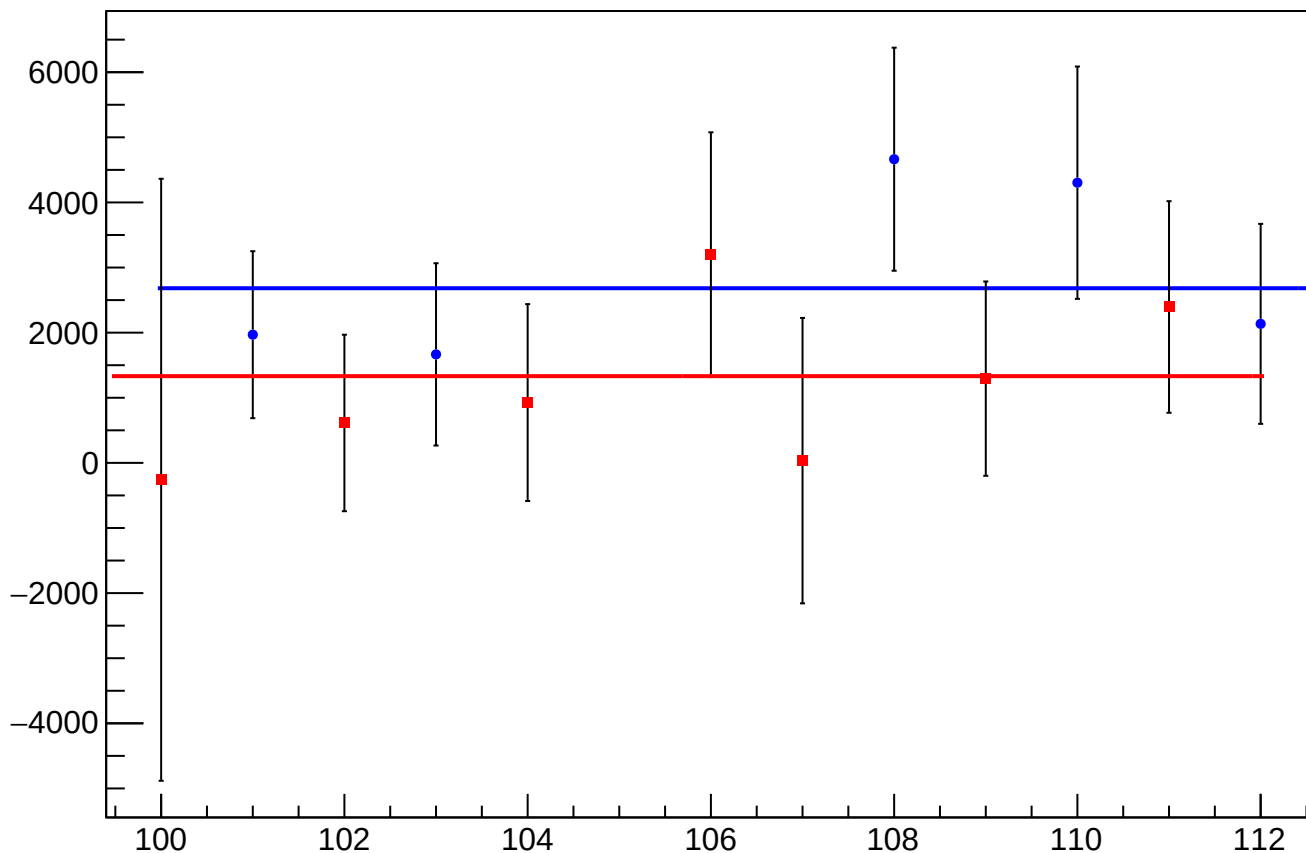
Right: 1503.523+/-0.469 χ^2/NDF : 350868.5/11

In: 1436.076+/-0.652 χ^2/NDF : 206320.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1503.523+/-0.469 χ^2/NDF : 350868.5/11

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2682.220+/-674.547 χ^2/NDF : 3.1/4

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

Right Out: 1331.979+/-652.639 χ^2/NDF : 2.2/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

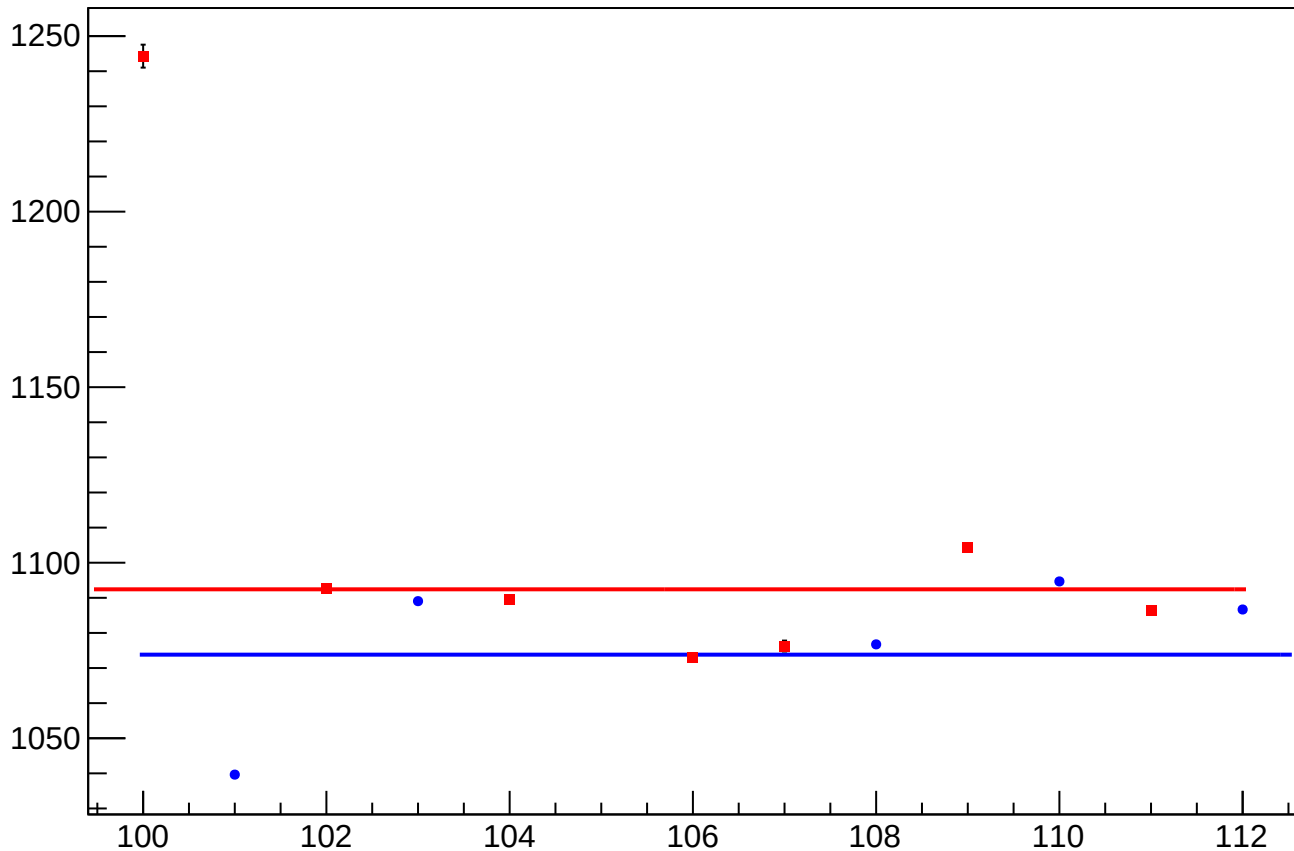
Right: 1984.817+/-469.039 χ^2/NDF : 7.4/11

In: 2682.220+/-674.547 χ^2/NDF : 3.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1984.817+/-469.039 χ^2/NDF : 7.4/11

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1073.811+/-0.477 χ^2/NDF : 2077.3/4

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

Right Out: 1092.422+/-0.461 χ^2/NDF : 2644.7/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

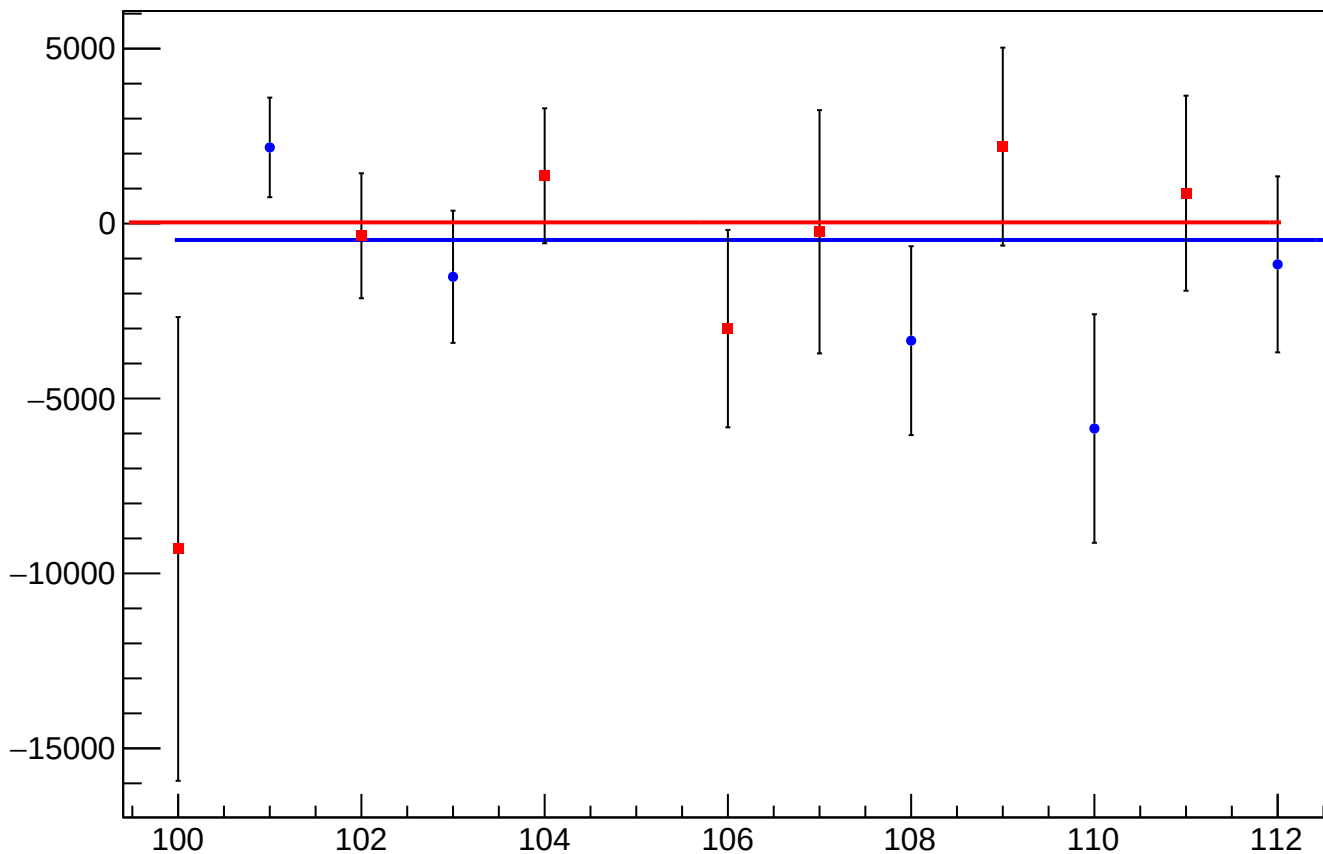
Right: 1083.424+/-0.332 χ^2/NDF : 5508.3/11

In: 1073.811+/-0.477 χ^2/NDF : 2077.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1083.424+/-0.332 χ^2/NDF : 5508.3/11

asym_usr_dit_correction_mean vs Slug, Sign Corrected



Right In: -468.812 $\pm$ 927.465 χ^2 /NDF: 7.7/4

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

Right Out: 34.033 $\pm$ 968.033 χ^2 /NDF: 4.3/6

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

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

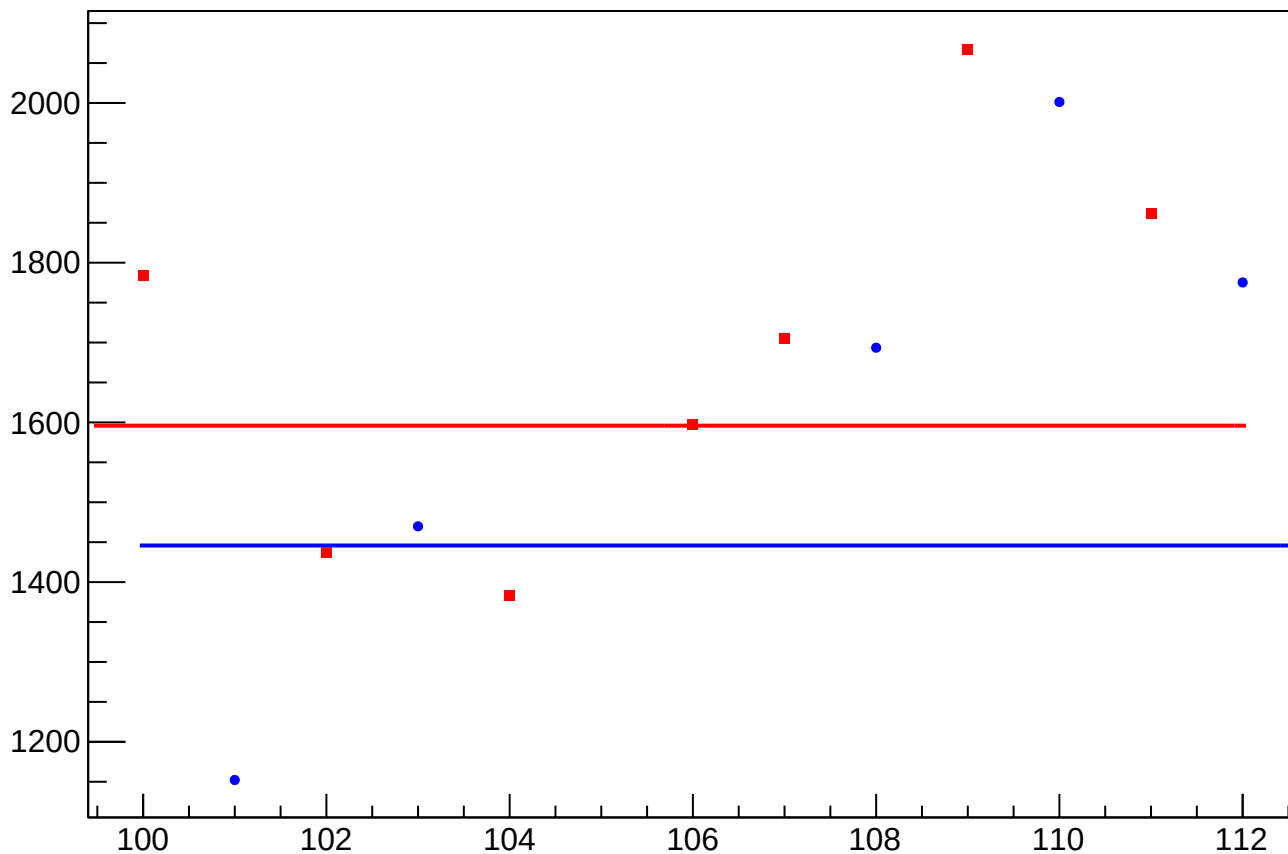
Right: -228.147 $\pm$ 669.700 χ^2 /NDF: 12.2/11

In: -468.812 $\pm$ 927.465 χ^2 /NDF: 7.7/4

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

All: -228.147 $\pm$ 669.700 χ^2 /NDF: 12.2/11

asym_usr_dit_correction_rms vs Slug, Sign Corrected



Right In: 1445.820+/-0.656 χ^2/NDF : 194374.9/4

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

Right Out: 1595.920+/-0.685 χ^2/NDF : 117227.3/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

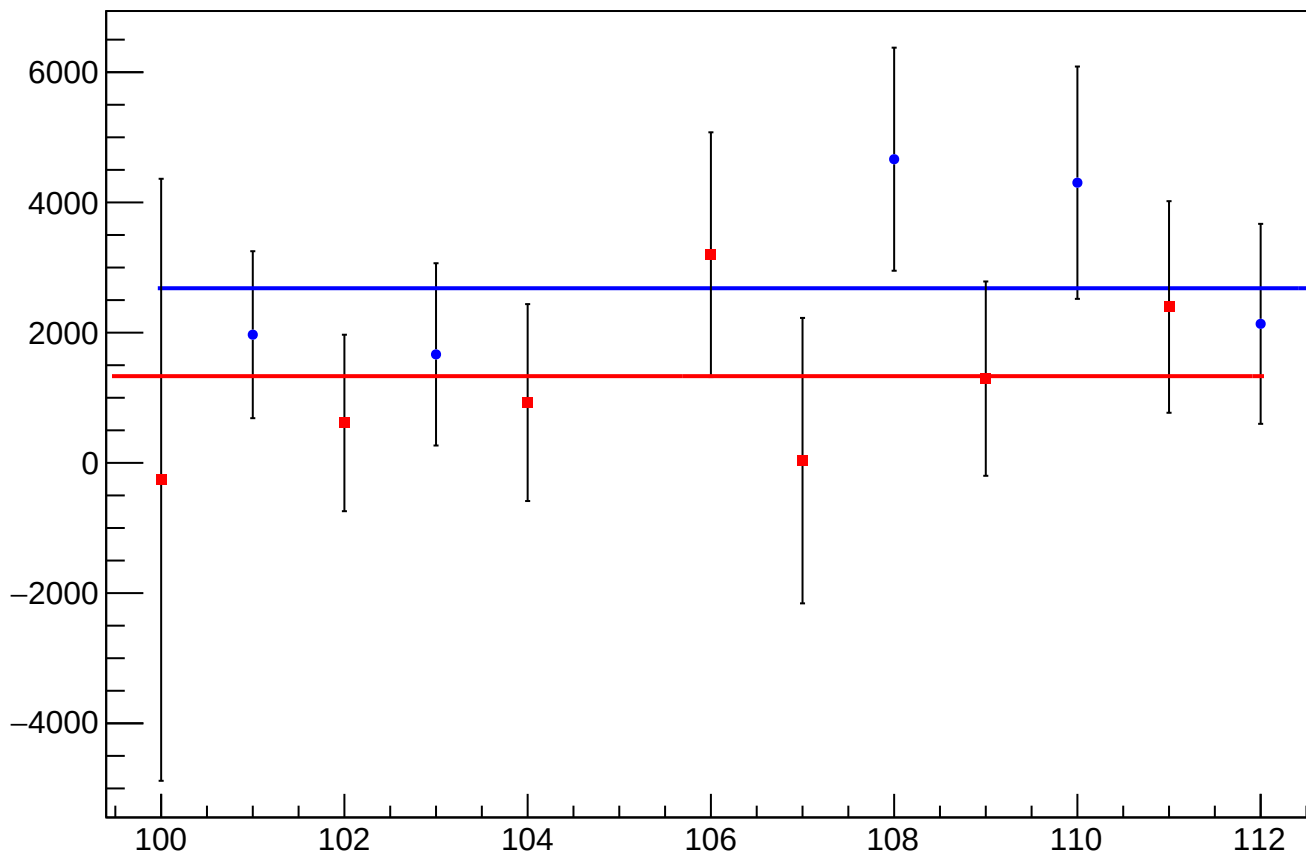
Right: 1517.659+/-0.474 χ^2/NDF : 336673.3/11

In: 1445.820+/-0.656 χ^2/NDF : 194374.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1517.659+/-0.474 χ^2/NDF : 336673.3/11

eigen_dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2682.223+/-674.547 χ^2/NDF : 3.1/4

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

Right Out: 1331.977+/-652.639 χ^2/NDF : 2.2/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

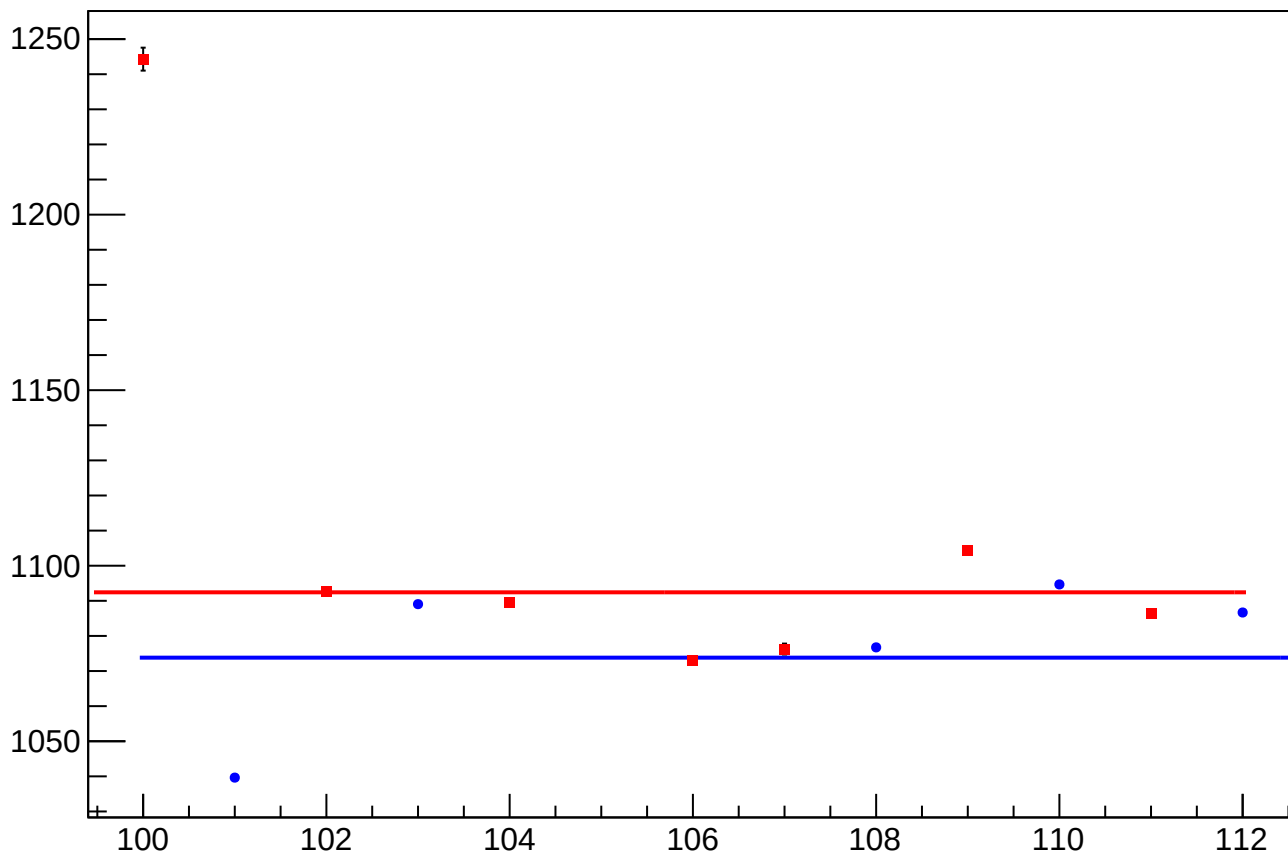
Right: 1984.817+/-469.039 χ^2/NDF : 7.4/11

In: 2682.223+/-674.547 χ^2/NDF : 3.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1984.817+/-469.039 χ^2/NDF : 7.4/11

eigen_dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1073.811+/-0.477 χ^2/NDF : 2077.3/4

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

Right Out: 1092.422+/-0.461 χ^2/NDF : 2644.7/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

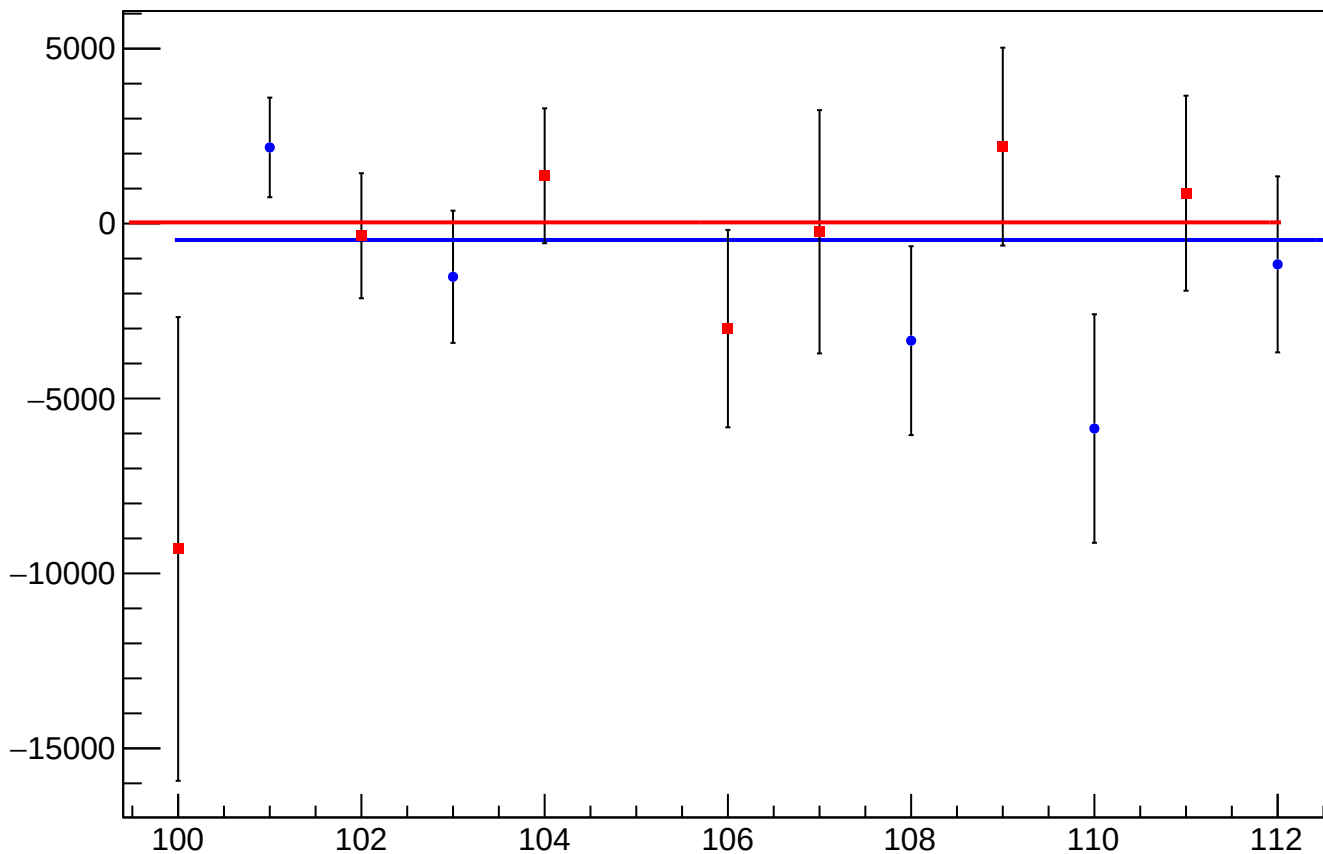
Right: 1083.423+/-0.332 χ^2/NDF : 5508.3/11

In: 1073.811+/-0.477 χ^2/NDF : 2077.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1083.423+/-0.332 χ^2/NDF : 5508.3/11

asym_usr_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -468.814+/-927.464 χ^2/NDF : 7.7/4

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

Right Out: 34.030+/-968.034 χ^2/NDF : 4.3/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

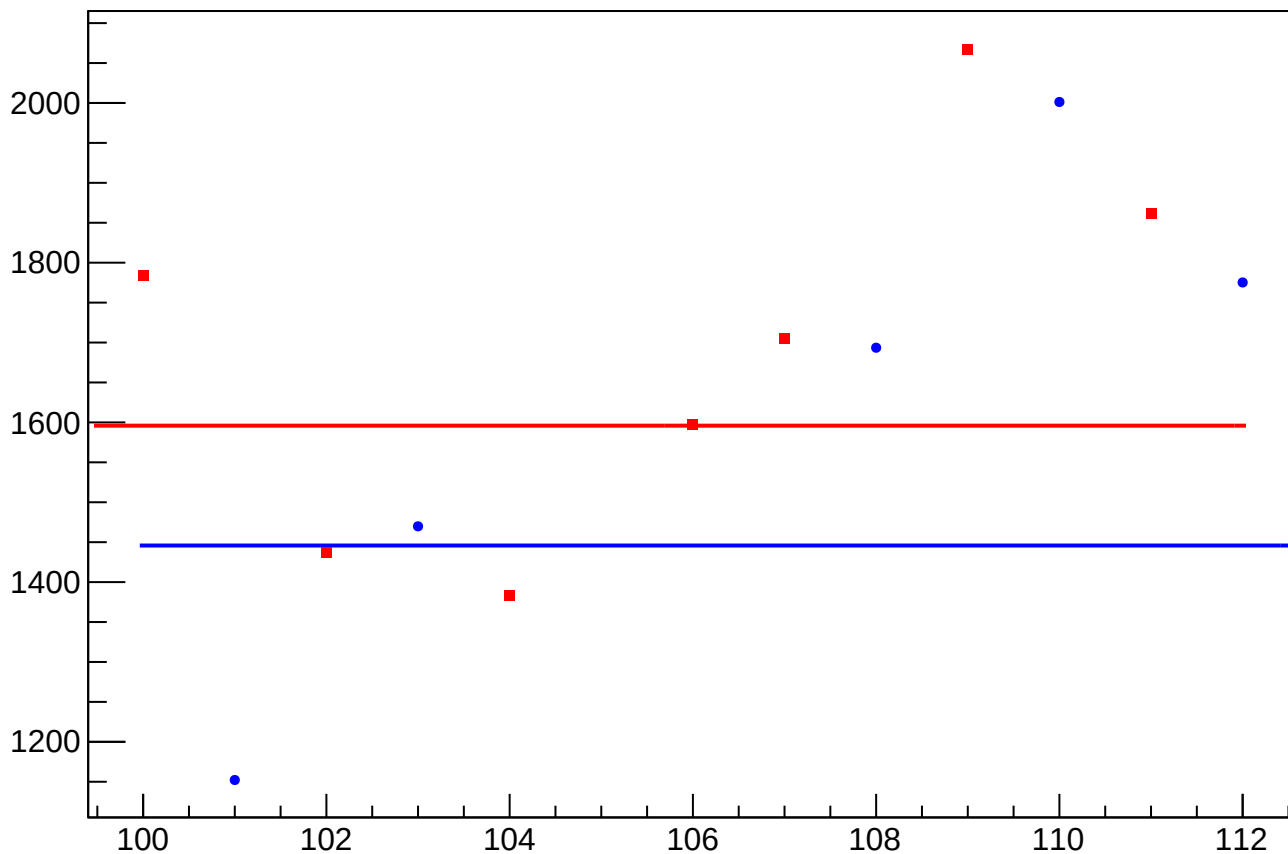
Right: -228.150+/-669.700 χ^2/NDF : 12.2/11

In: -468.814+/-927.464 χ^2/NDF : 7.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -228.150+/-669.700 χ^2/NDF : 12.2/11

asym_usr_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1445.819+/-0.656 χ^2/NDF : 194371.9/4

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

Right Out: 1595.922+/-0.685 χ^2/NDF : 117223.6/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

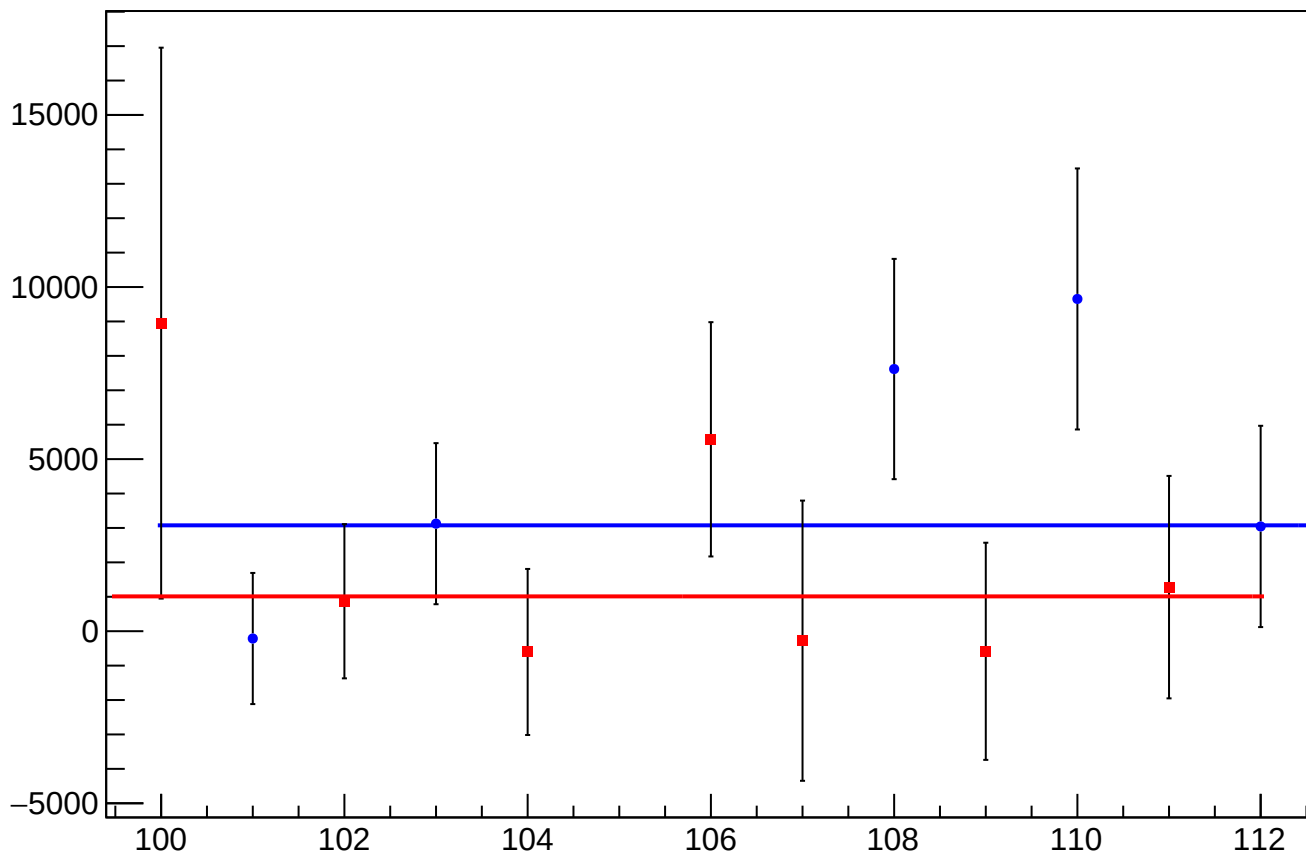
Right: 1517.659+/-0.474 χ^2/NDF : 336667.5/11

In: 1445.819+/-0.656 χ^2/NDF : 194371.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1517.659+/-0.474 χ^2/NDF : 336667.5/11

asym_usr_mean vs Slug, Sign Corrected



Right In: 3075.836+/-1160.794 χ^2/NDF : 8.0/4

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

Right Out: 1011.422+/-1170.822 χ^2/NDF : 3.6/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

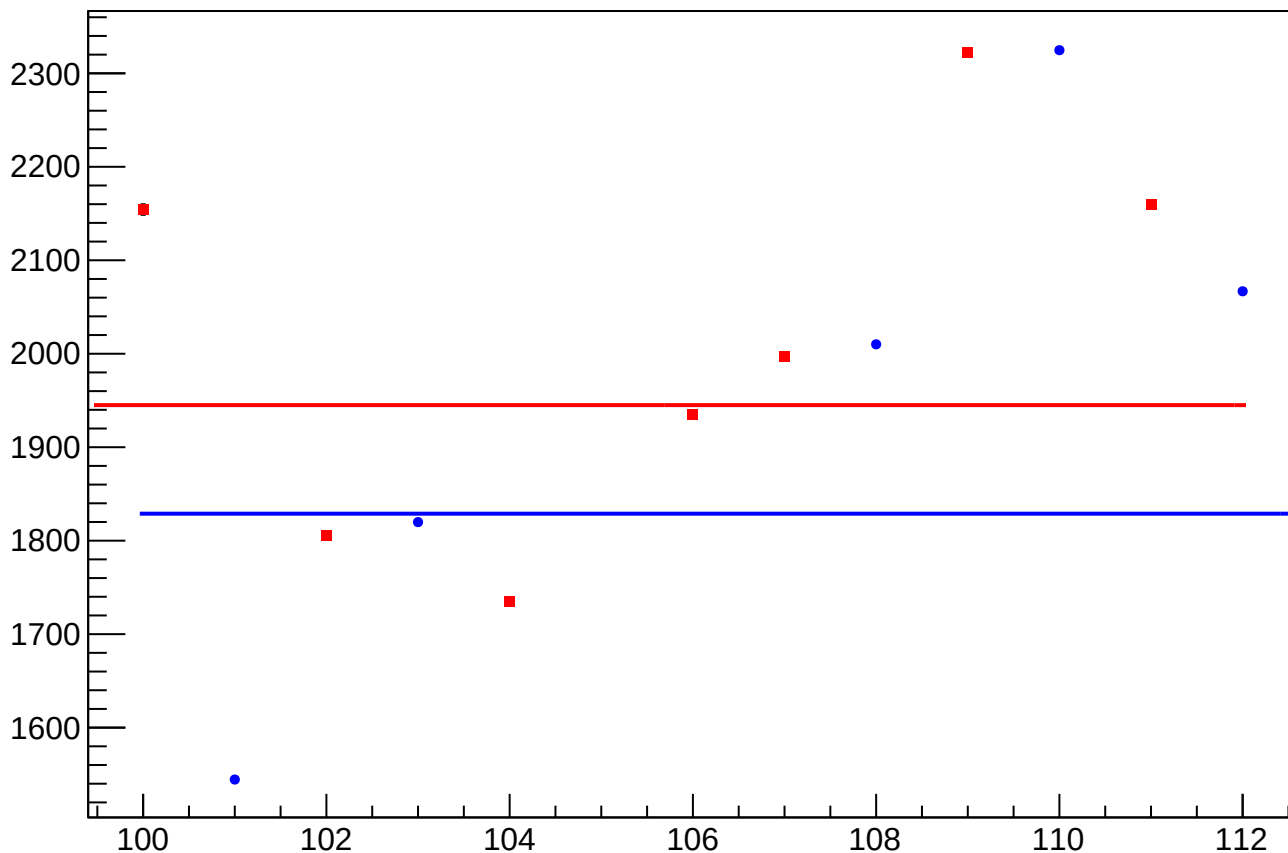
Right: 2052.508+/-824.328 χ^2/NDF : 13.2/11

In: 3075.836+/-1160.794 χ^2/NDF : 8.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2052.508+/-824.328 χ^2/NDF : 13.2/11

asym_usr_rms vs Slug, Sign Corrected



Right In: 1828.884+/-0.821 χ^2/NDF : 98440.9/4

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

Right Out: 1945.034+/-0.828 χ^2/NDF : 61962.2/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

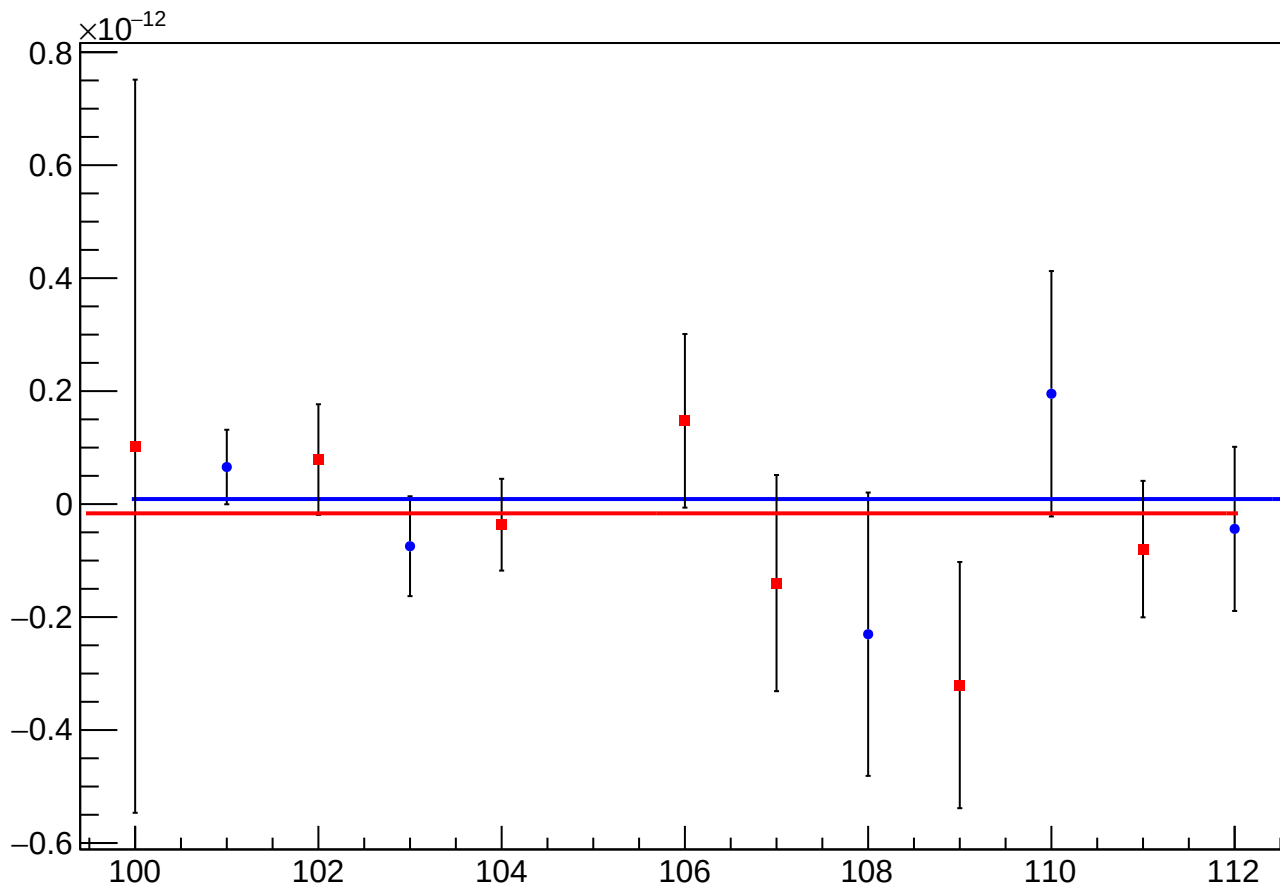
Right: 1886.460+/-0.583 χ^2/NDF : 170329.2/11

In: 1828.884+/-0.821 χ^2/NDF : 98440.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1886.460+/-0.583 χ^2/NDF : 170329.2/11

asym_usr_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.4/4

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

Right Out: -0.000+/-0.000 χ^2/NDF : 4.8/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

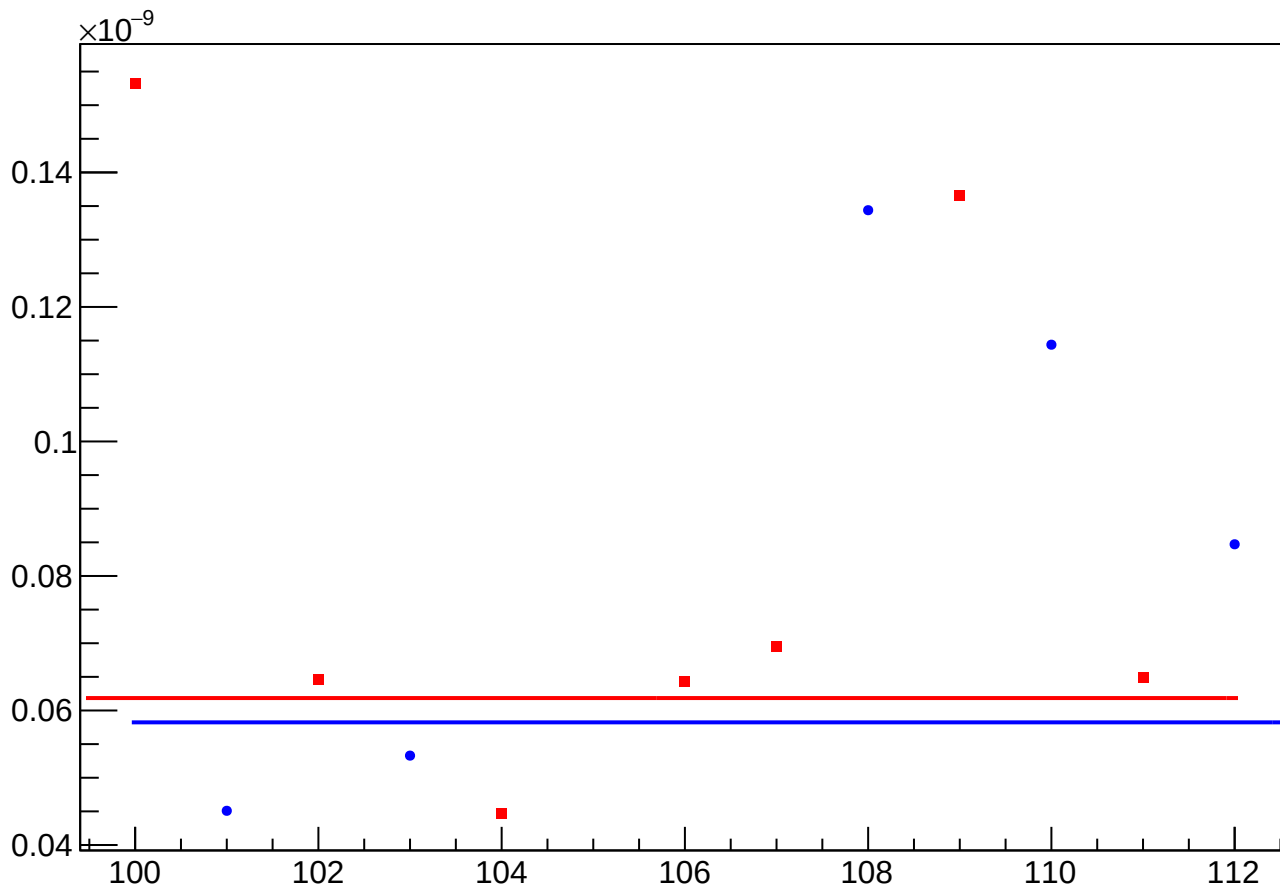
Right: -0.000+/-0.000 χ^2/NDF : 8.4/11

In: 0.000+/-0.000 χ^2/NDF : 3.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.4/11

asym_usr_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 470191.9/4

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

Right Out: 0.000+/-0.000 χ^2/NDF : 370031.9/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

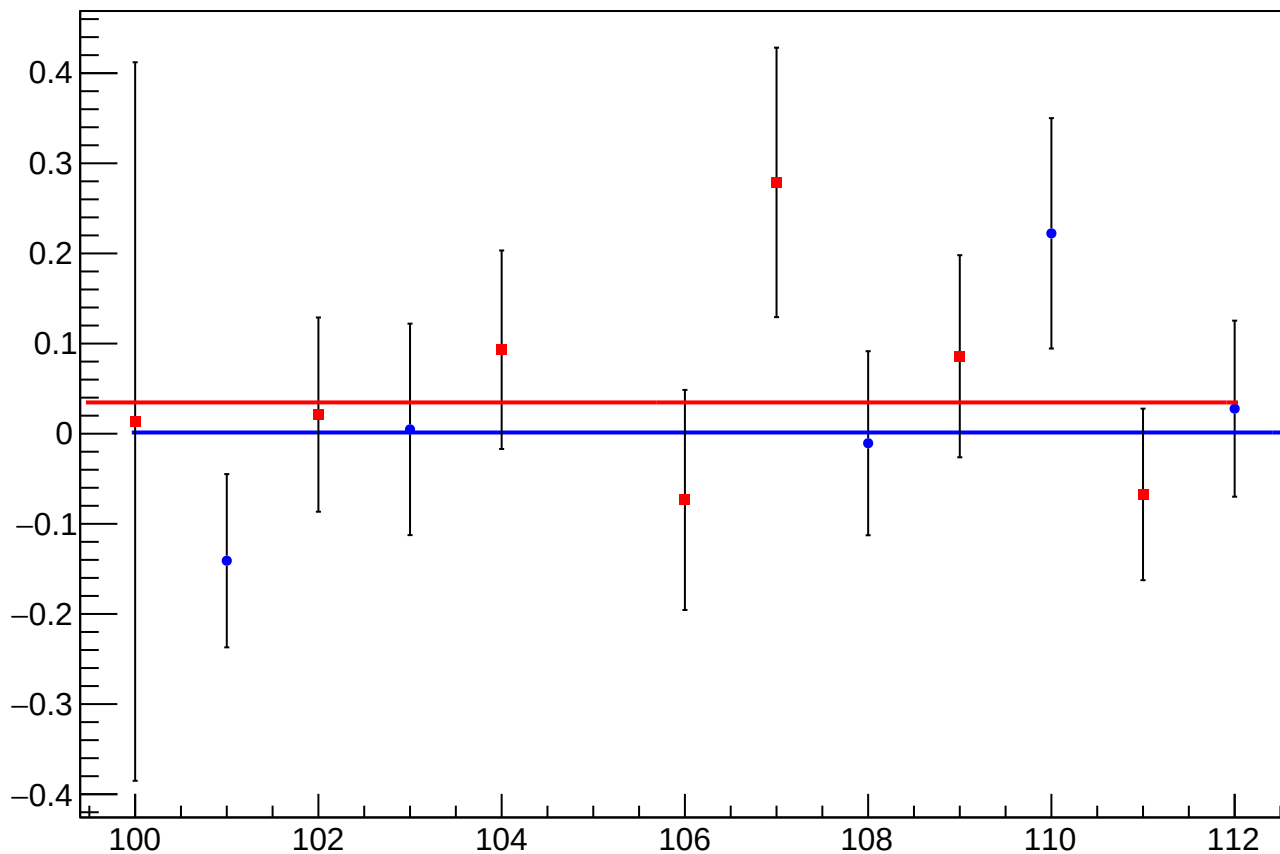
Right: 0.000+/-0.000 χ^2/NDF : 845829.8/11

In: 0.000+/-0.000 χ^2/NDF : 470191.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 845829.8/11

asym_usr_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.048 χ^2 /NDF: 5.3/4

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

Right Out: 0.035 $\pm$ 0.046 χ^2 /NDF: 5.1/6

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

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

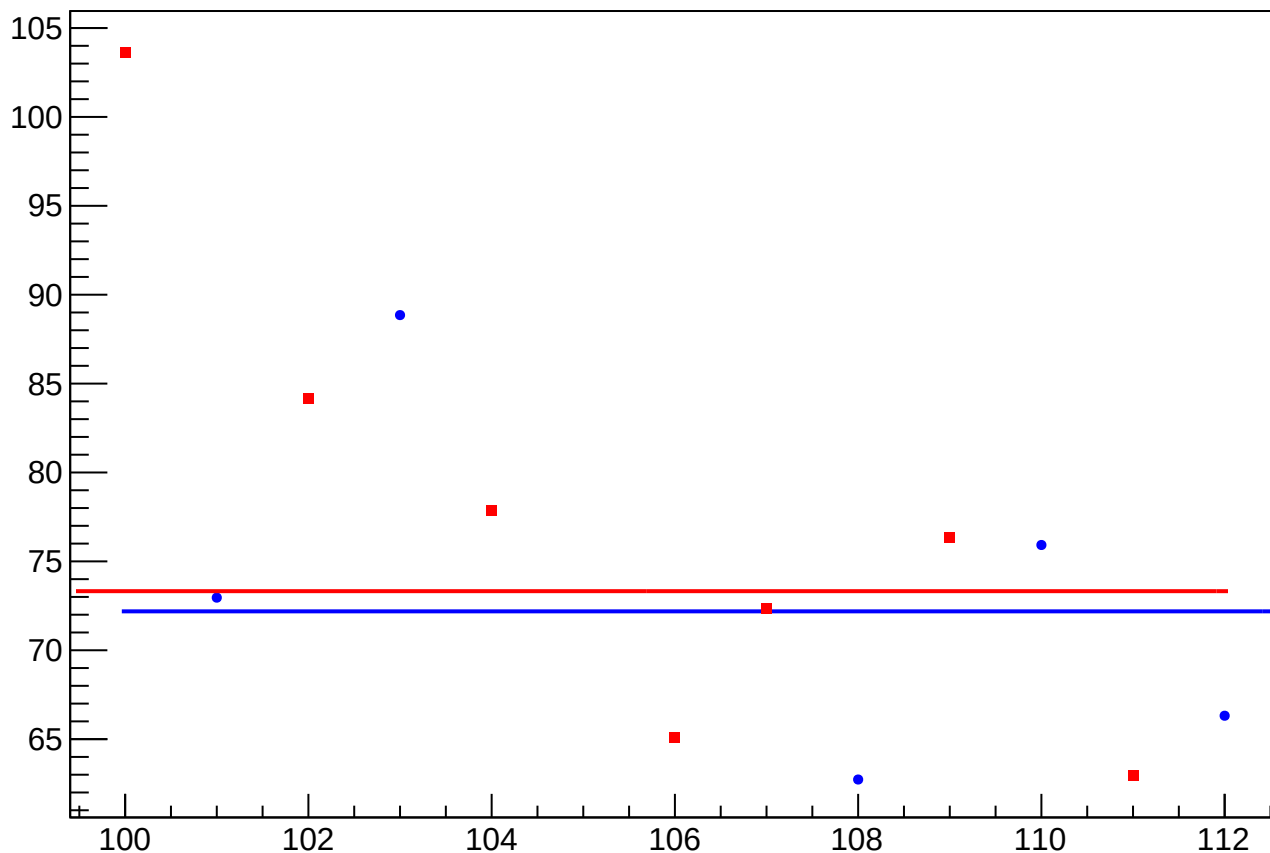
Right: 0.019 $\pm$ 0.033 χ^2 /NDF: 10.6/11

In: 0.001 $\pm$ 0.048 χ^2 /NDF:5.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.019 $\pm$ 0.033 χ^2 /NDF: 10.6/11

asym_usr_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 72.189+/-0.034 χ^2/NDF : 66590.6/4

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

Right Out: 73.324+/-0.032 χ^2/NDF : 69547.0/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

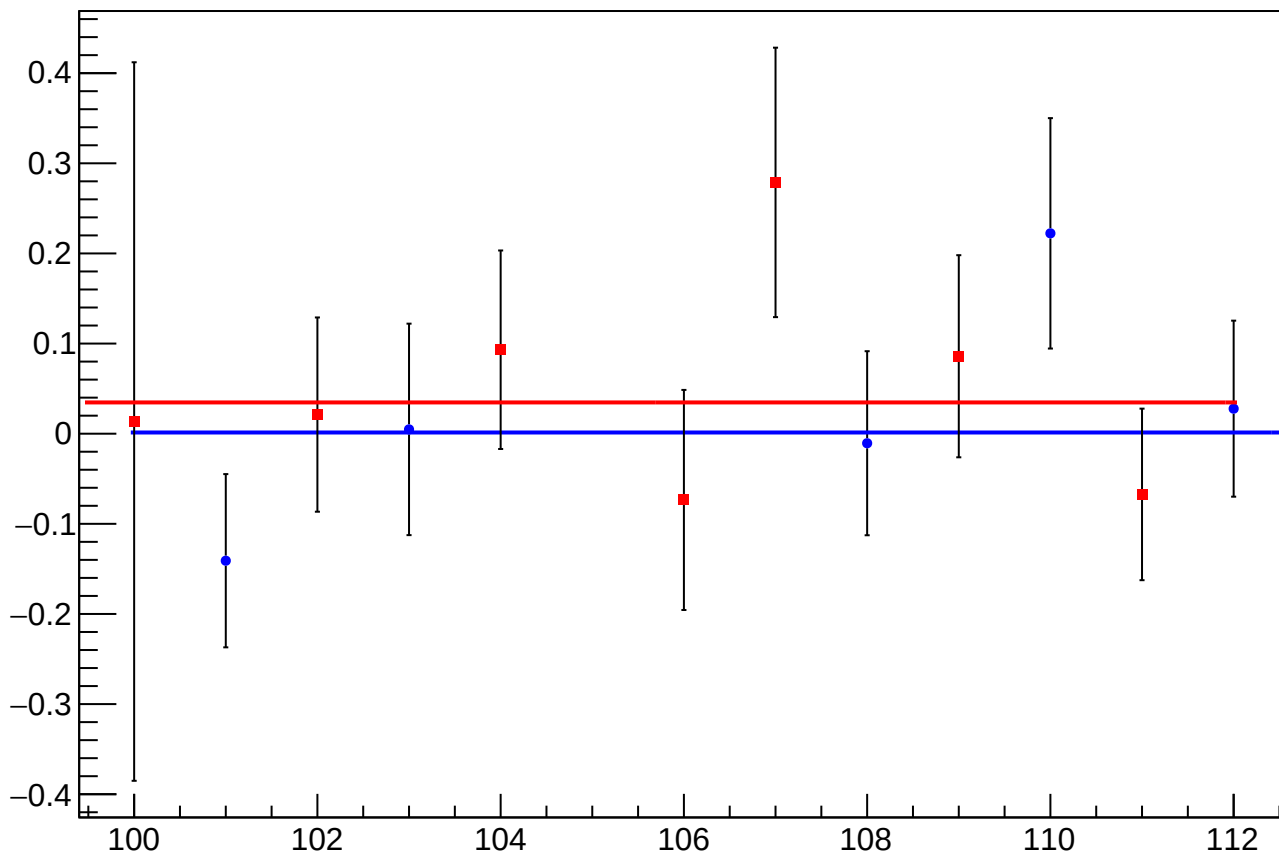
Right: 72.777+/-0.023 χ^2/NDF : 136729.1/11

In: 72.189+/-0.034 χ^2/NDF : 66590.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.777+/-0.023 χ^2/NDF : 136729.1/11

asym_usr_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.048 χ^2/NDF : 5.3/4

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

Right Out: 0.035+/-0.046 χ^2/NDF : 5.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

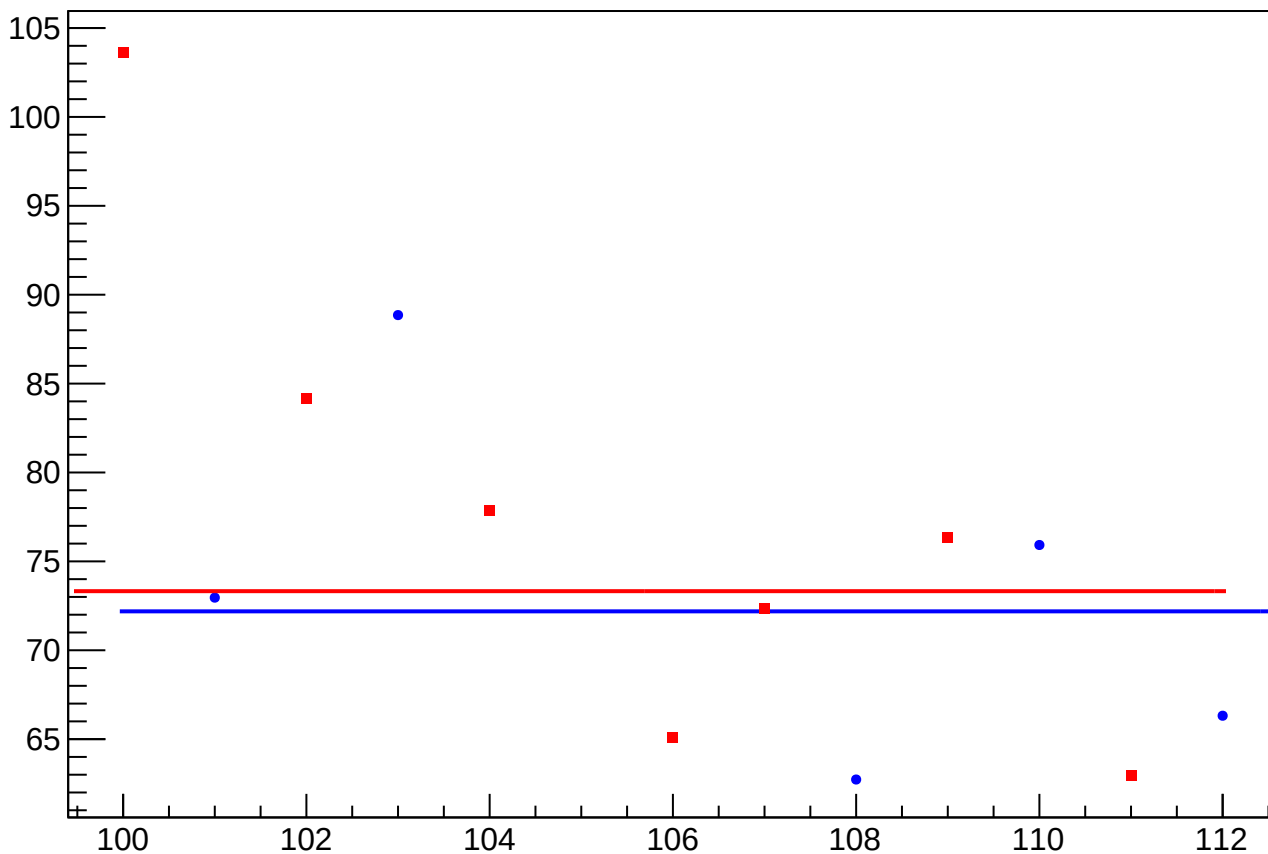
Right: 0.019+/-0.033 χ^2/NDF : 10.6/11

In: 0.001+/-0.048 χ^2/NDF : 5.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.033 χ^2/NDF : 10.6/11

asym_usr_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 72.189+/-0.034 χ^2/NDF : 66590.6/4

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

Right Out: 73.324+/-0.032 χ^2/NDF : 69547.0/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

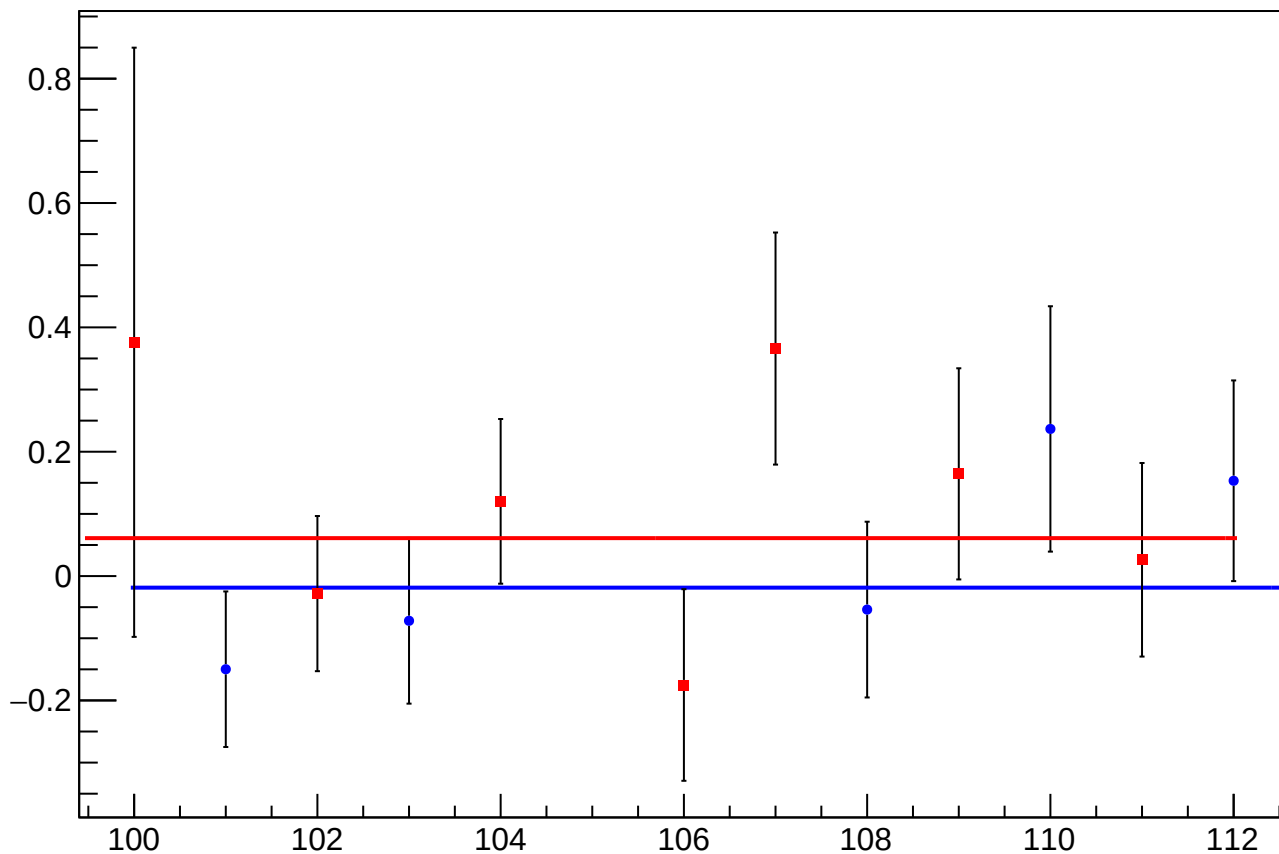
Right: 72.777+/-0.023 χ^2/NDF : 136729.1/11

In: 72.189+/-0.034 χ^2/NDF : 66590.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.777+/-0.023 χ^2/NDF : 136729.1/11

asym_usr_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.019 $\pm$ 0.065 χ^2 /NDF: 4.1/4

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

Right Out: 0.061 $\pm$ 0.061 χ^2 /NDF: 6.6/6

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

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

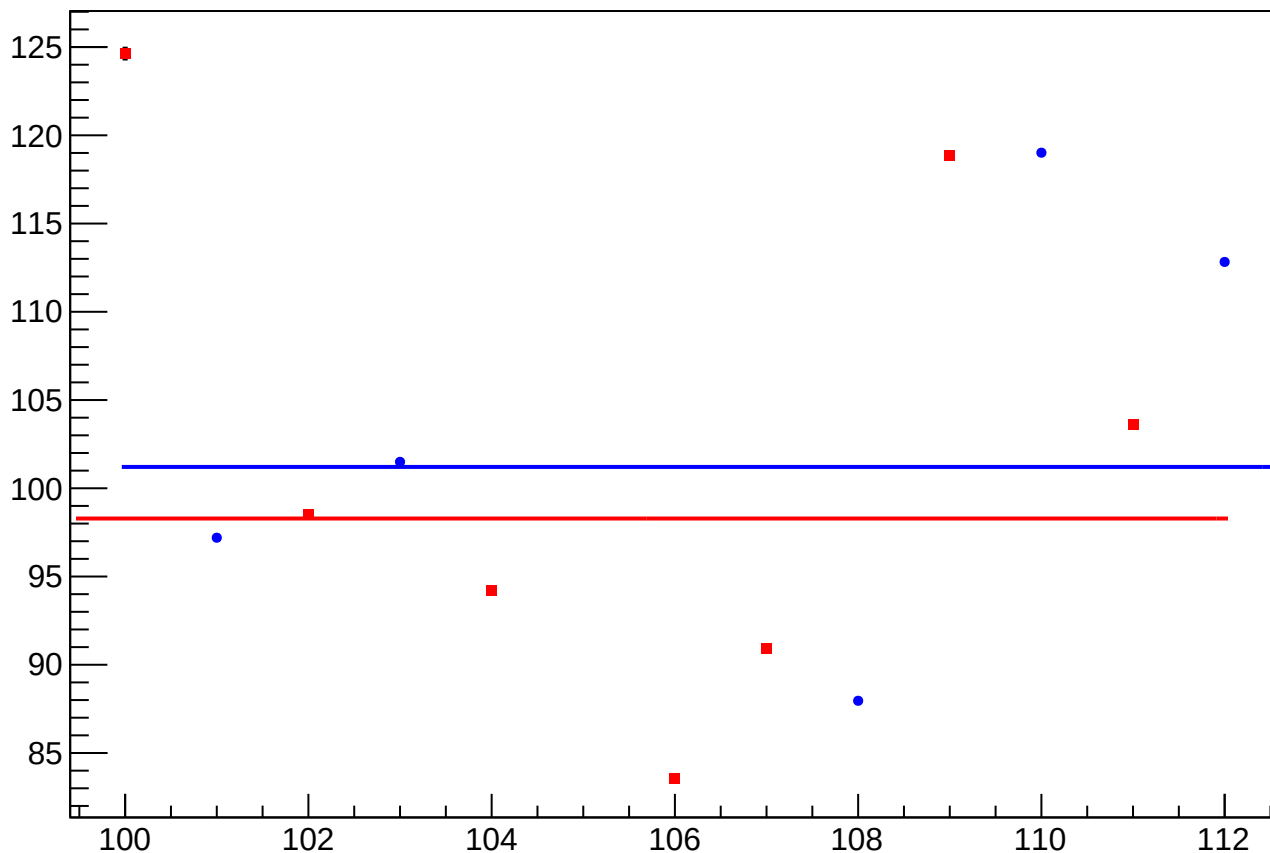
Right: 0.024 $\pm$ 0.044 χ^2 /NDF: 11.5/11

In: -0.019 $\pm$ 0.065 χ^2 /NDF:4.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.024 $\pm$ 0.044 χ^2 /NDF: 11.5/11

asym_usr_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 101.209+/-0.046 χ^2/NDF : 46287.7/4

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

Right Out: 98.286+/-0.043 χ^2/NDF : 61313.7/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

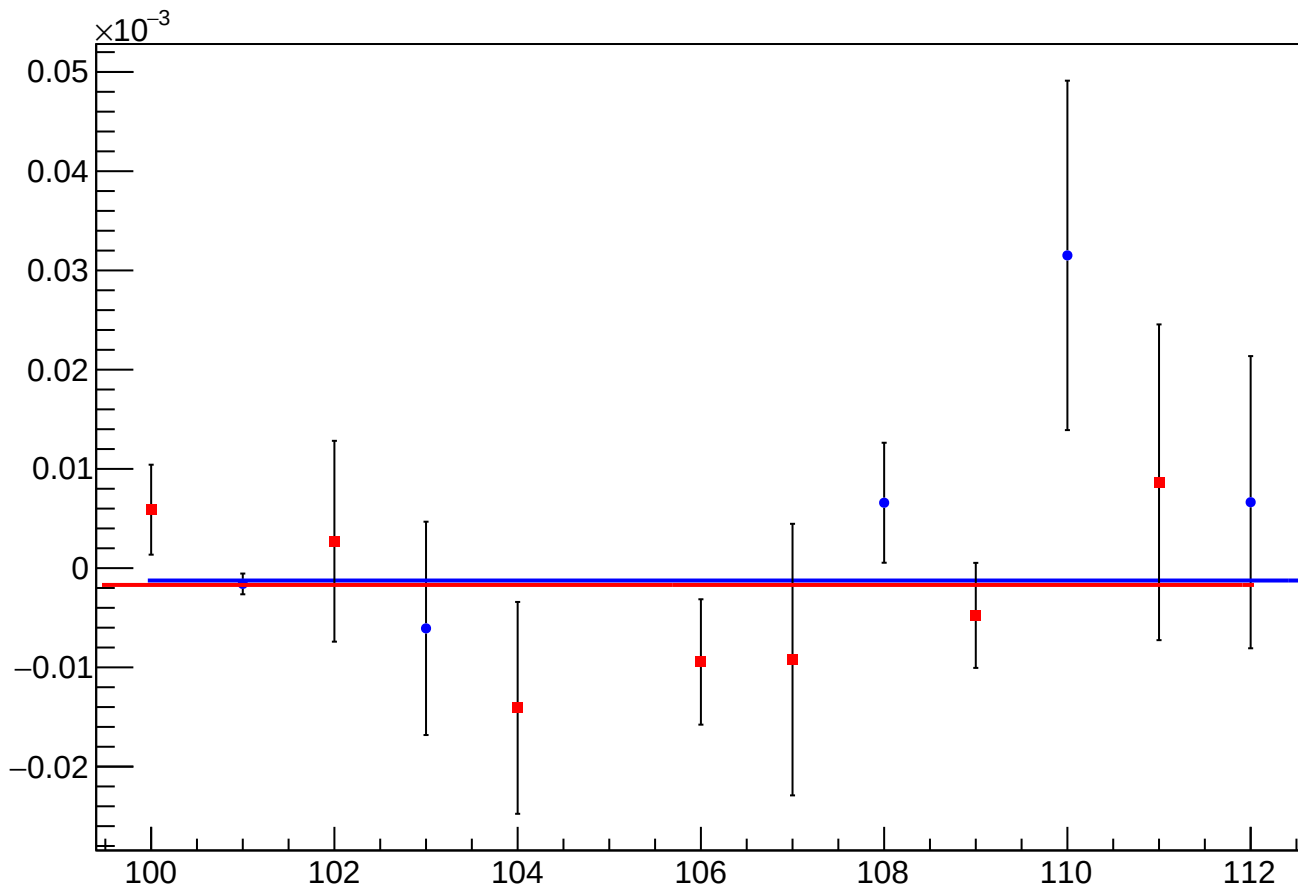
Right: 99.638+/-0.031 χ^2/NDF : 109754.0/11

In: 101.209+/-0.046 χ^2/NDF : 46287.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.638+/-0.031 χ^2/NDF : 109754.0/11

asym_usr_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 5.7/4

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

Right Out: -0.000+/-0.000 χ^2 /NDF: 6.9/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

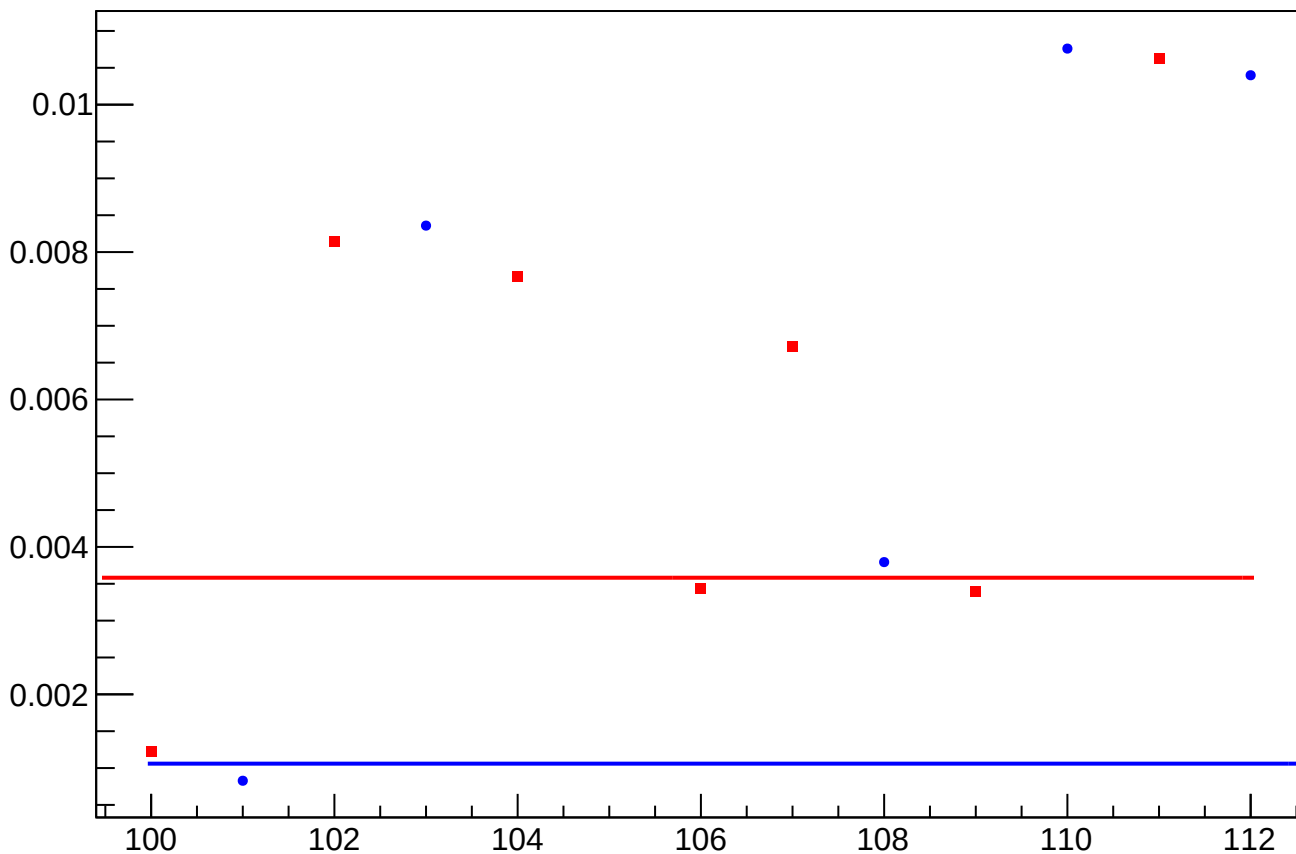
Right: -0.000+/-0.000 χ^2 /NDF: 12.7/11

In: -0.000+/-0.000 χ^2 /NDF:5.7/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 12.7/11

asym_usr_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2841998.4/4

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

Right Out: 0.004+/-0.000 χ^2/NDF : 1743284.0/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

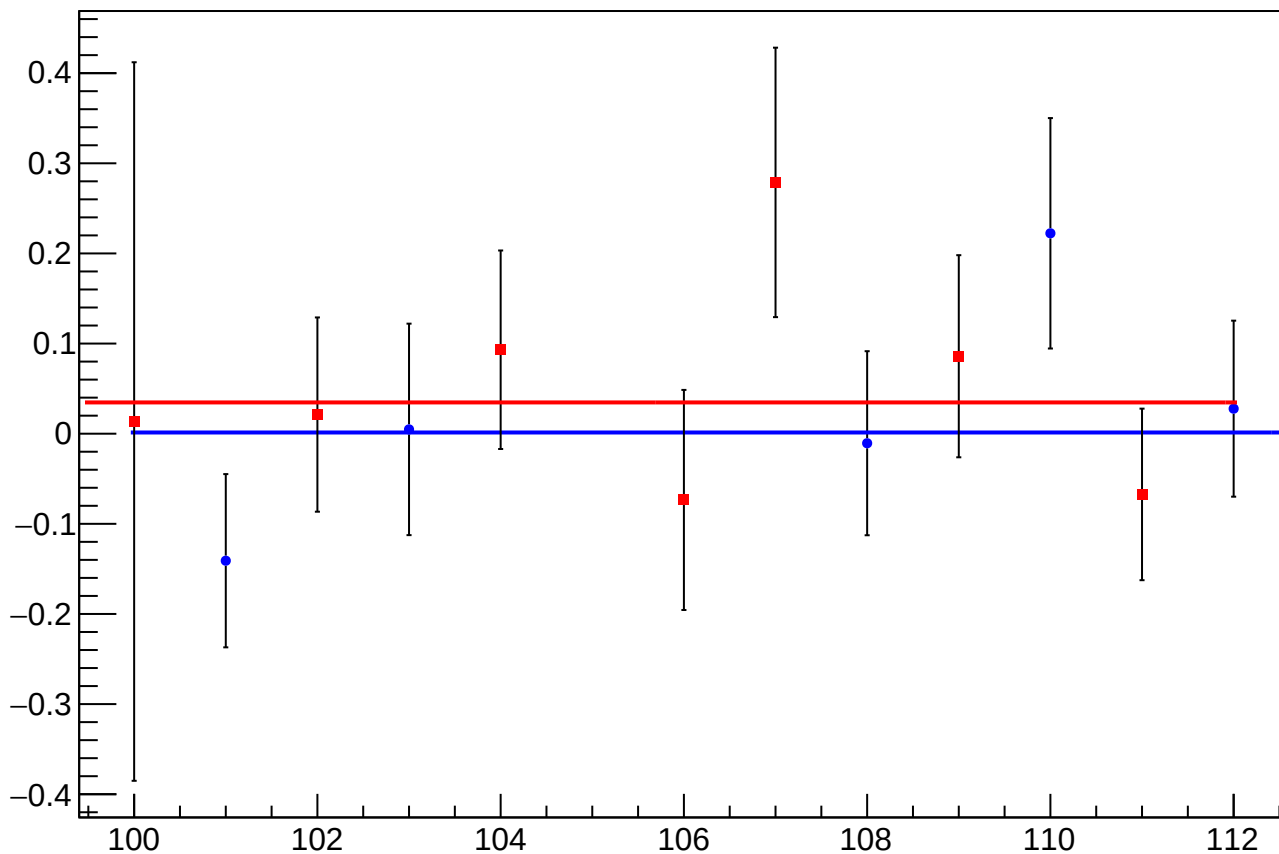
Right: 0.001+/-0.000 χ^2/NDF : 6113372.8/11

In: 0.001+/-0.000 χ^2/NDF : 2841998.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6113372.8/11

asym_usr_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.048 χ^2/NDF : 5.3/4

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

Right Out: 0.035+/-0.046 χ^2/NDF : 5.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

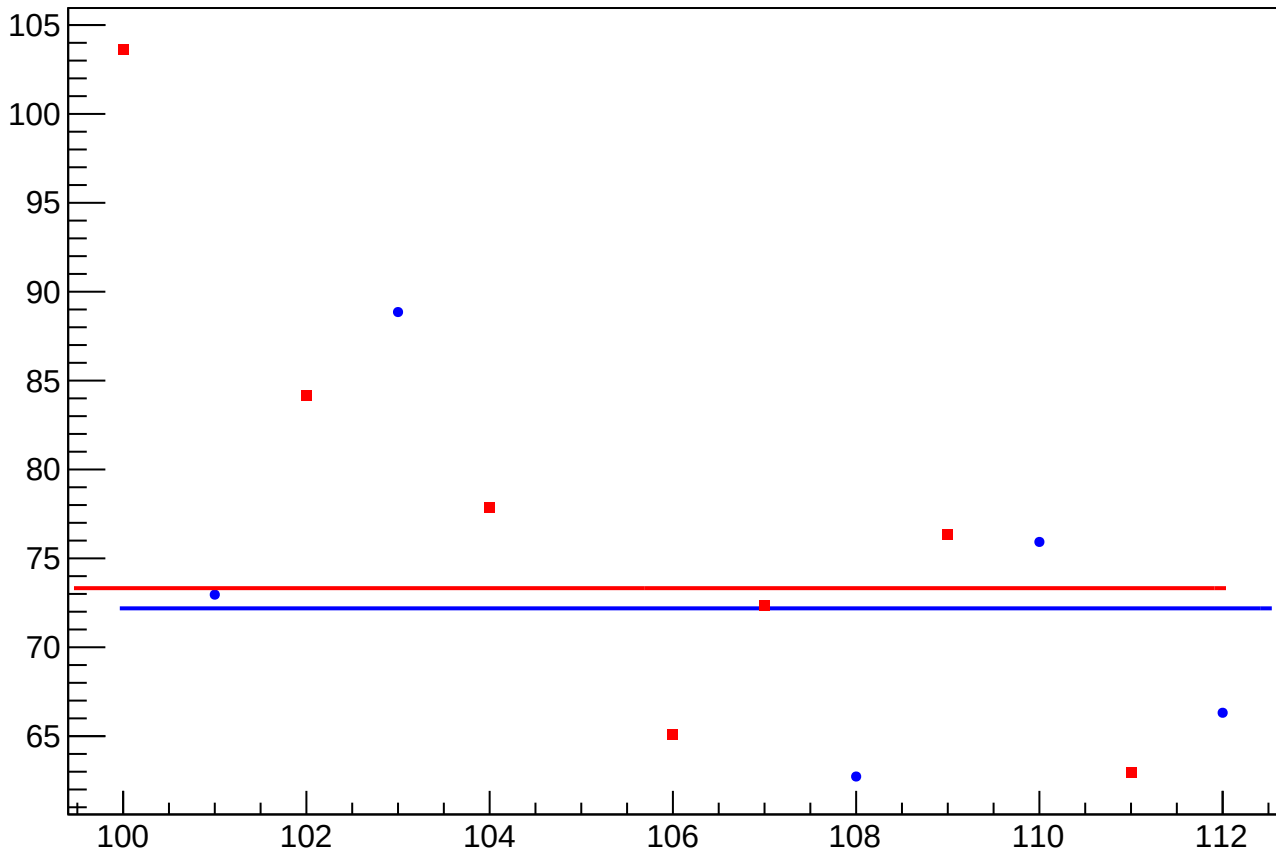
Right: 0.019+/-0.033 χ^2/NDF : 10.6/11

In: 0.001+/-0.048 χ^2/NDF : 5.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.033 χ^2/NDF : 10.6/11

asym_usr_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 72.189+/-0.034 χ^2/NDF : 66607.9/4

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

Right Out: 73.324+/-0.032 χ^2/NDF : 69554.3/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

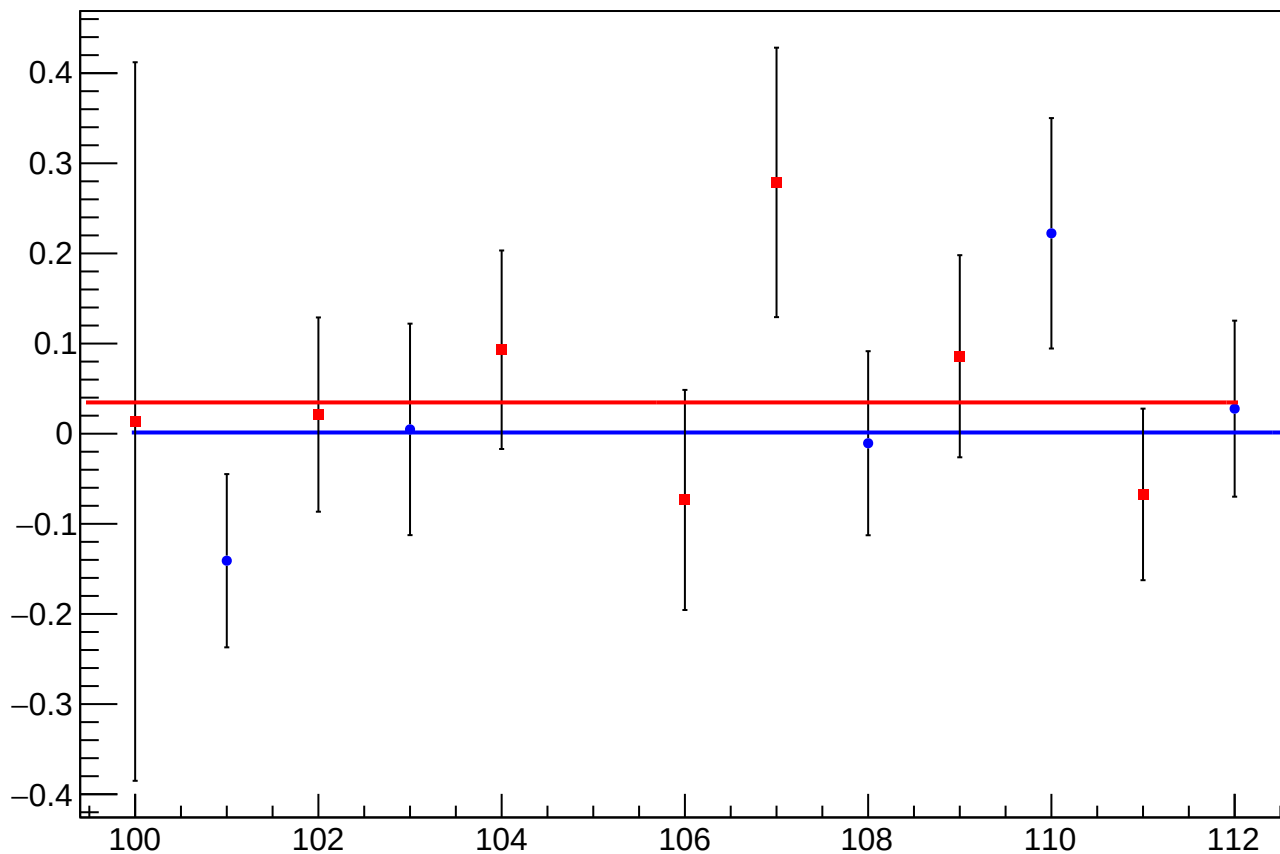
Right: 72.778+/-0.023 χ^2/NDF : 136753.8/11

In: 72.189+/-0.034 χ^2/NDF : 66607.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.778+/-0.023 χ^2/NDF : 136753.8/11

asym_usr_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.048 χ^2 /NDF: 5.3/4

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

Right Out: 0.035 $\pm$ 0.046 χ^2 /NDF: 5.1/6

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

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

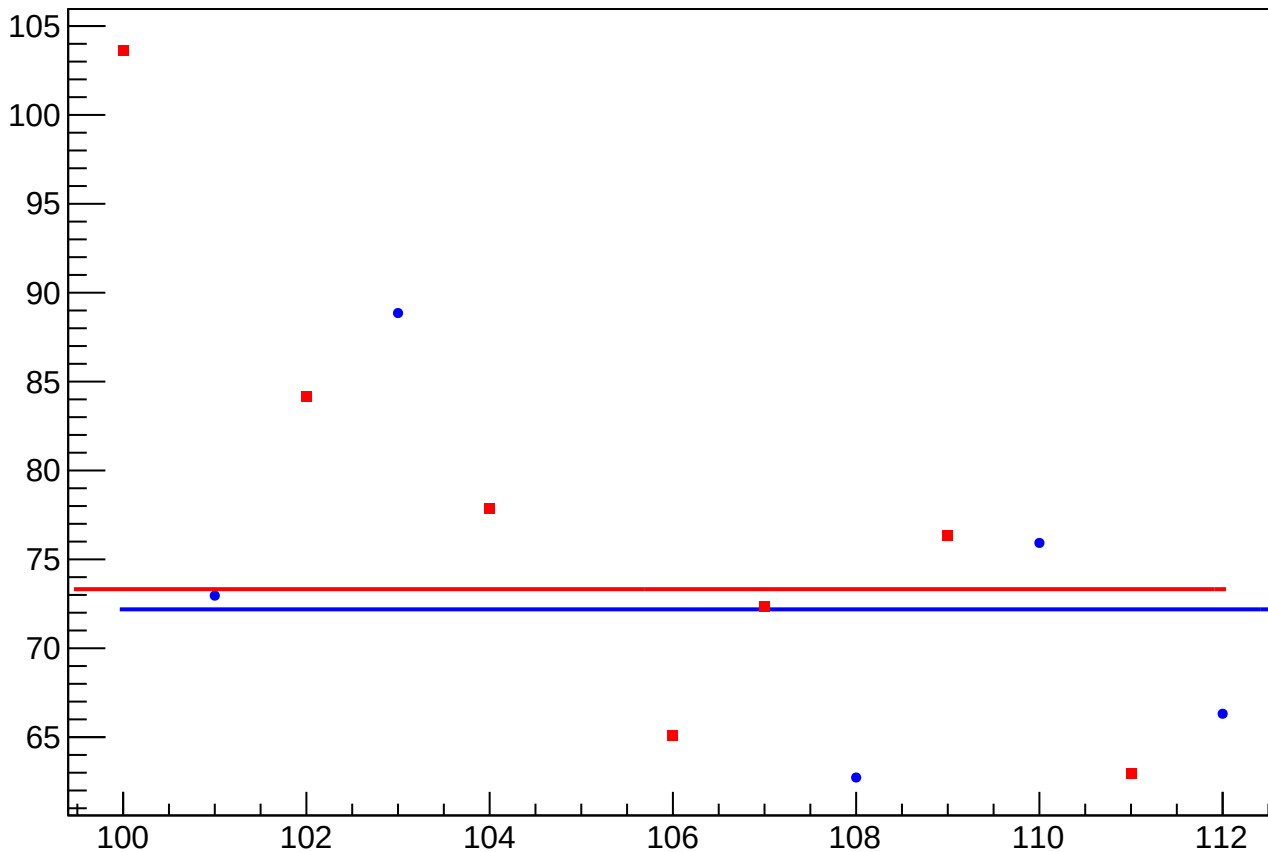
Right: 0.019 $\pm$ 0.033 χ^2 /NDF: 10.6/11

In: 0.001 $\pm$ 0.048 χ^2 /NDF:5.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.019 $\pm$ 0.033 χ^2 /NDF: 10.6/11

asym_usr_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 72.189+/-0.034 χ^2/NDF : 66607.9/4

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

Right Out: 73.324+/-0.032 χ^2/NDF : 69554.3/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

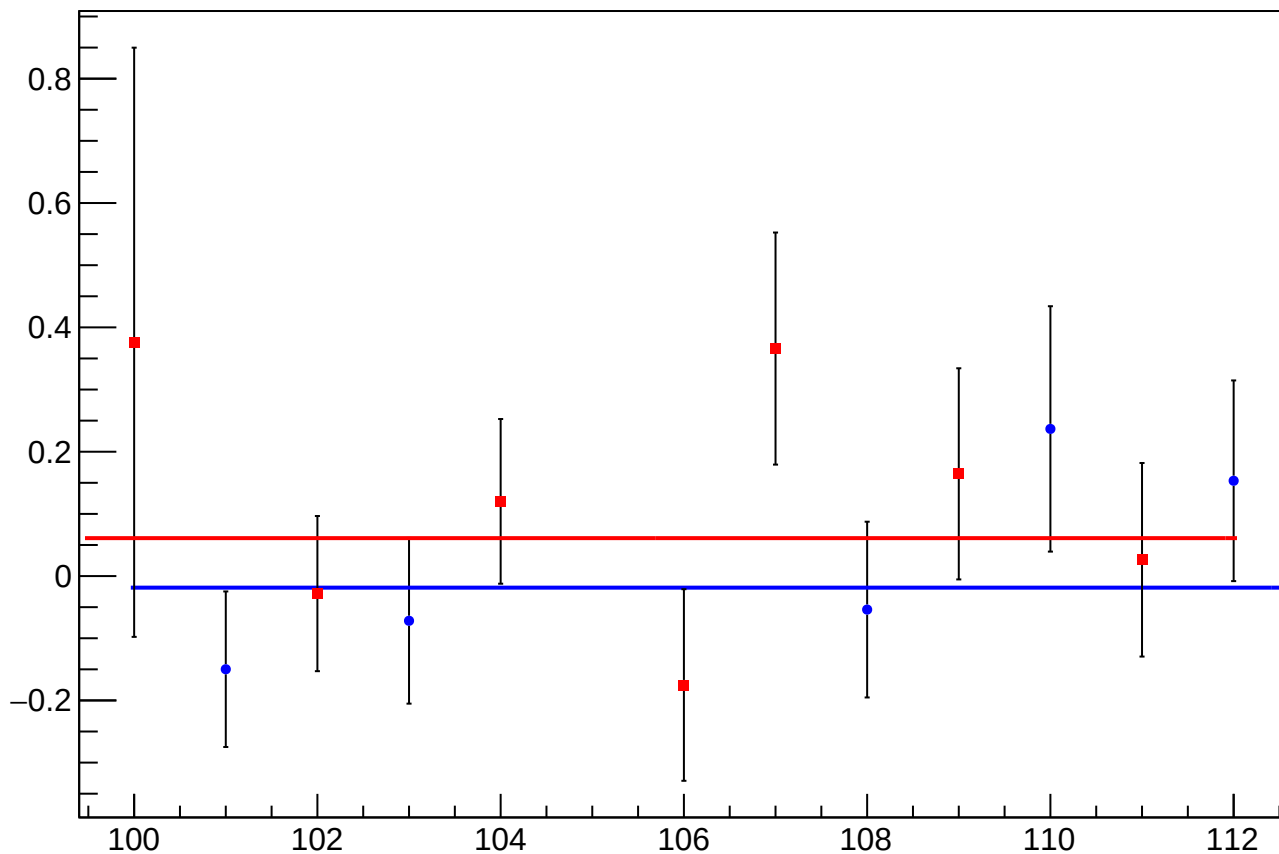
Right: 72.778+/-0.023 χ^2/NDF : 136753.8/11

In: 72.189+/-0.034 χ^2/NDF : 66607.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.778+/-0.023 χ^2/NDF : 136753.8/11

asym_usr_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.019+/-0.065 χ^2/NDF : 4.1/4

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

Right Out: 0.061+/-0.061 χ^2/NDF : 6.6/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

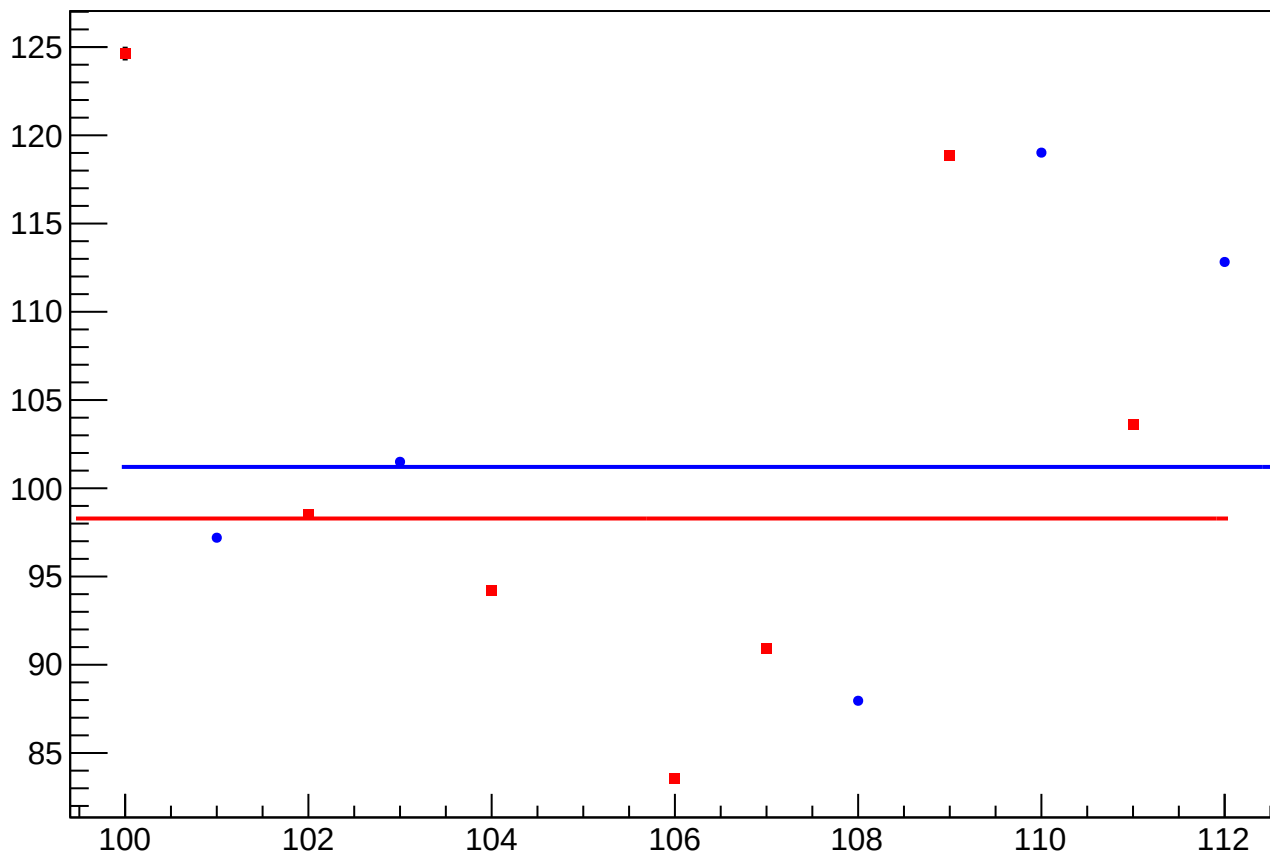
Right: 0.024+/-0.044 χ^2/NDF : 11.5/11

In: -0.019+/-0.065 χ^2/NDF : 4.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.044 χ^2/NDF : 11.5/11

asym_usr_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 101.210+/-0.046 χ^2/NDF : 46289.2/4

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

Right Out: 98.287+/-0.043 χ^2/NDF : 61314.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

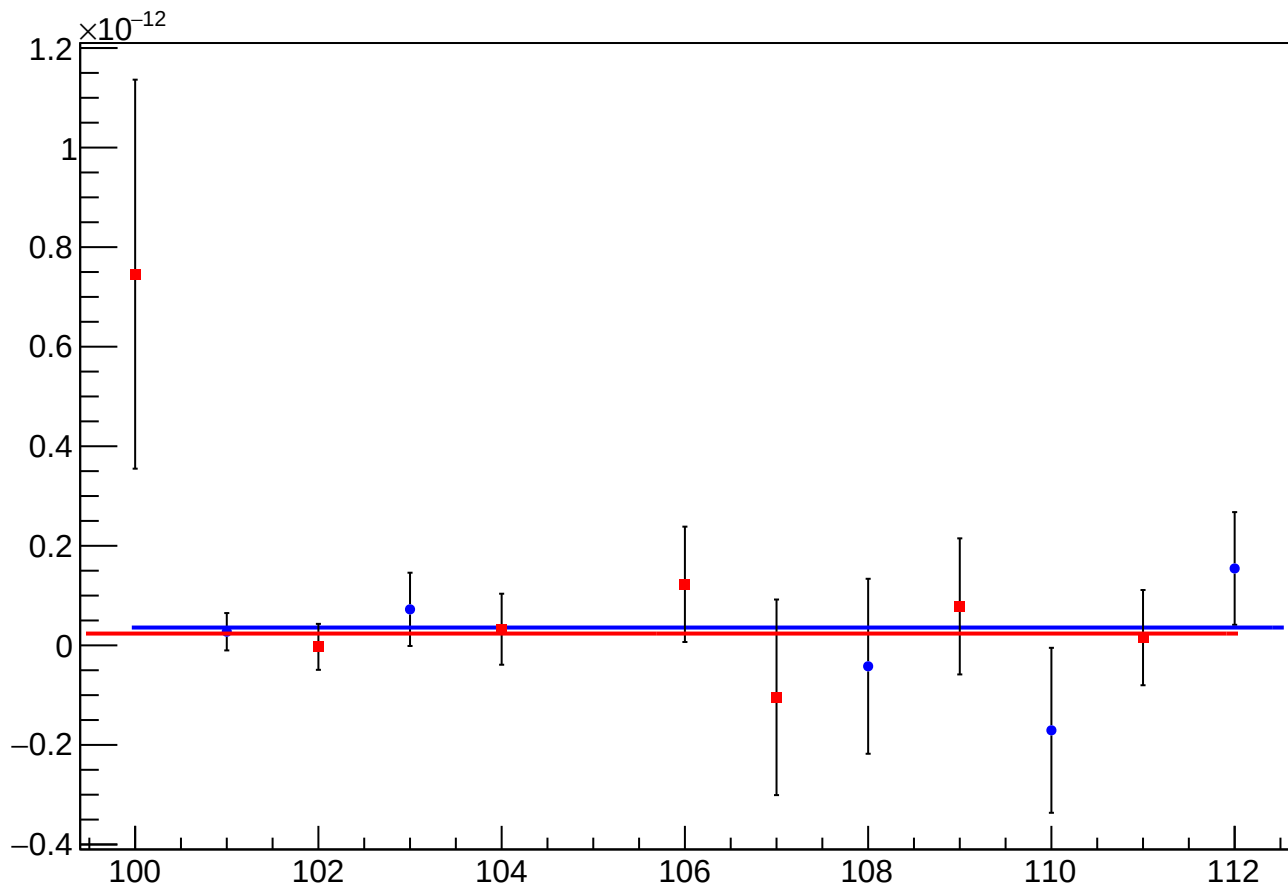
Right: 99.638+/-0.031 χ^2/NDF : 109756.6/11

In: 101.210+/-0.046 χ^2/NDF : 46289.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.638+/-0.031 χ^2/NDF : 109756.6/11

asym_usr_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.1/4

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

Right Out: 0.000+/-0.000 χ^2/NDF : 5.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

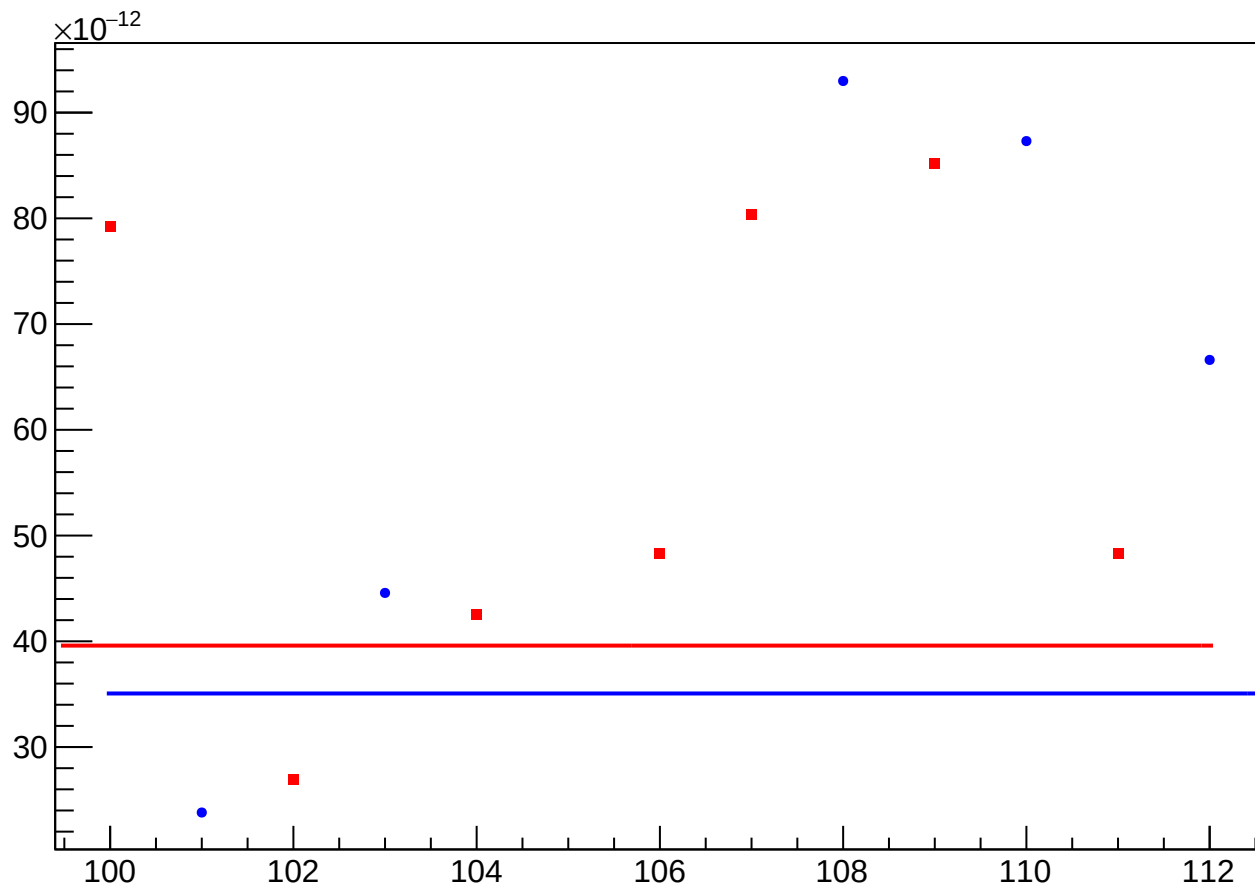
Right: 0.000+/-0.000 χ^2/NDF : 8.3/11

In: 0.000+/-0.000 χ^2/NDF : 3.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.3/11

asym_usr_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 784744.0/4

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

Right Out: 0.000+/-0.000 χ^2/NDF : 510904.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

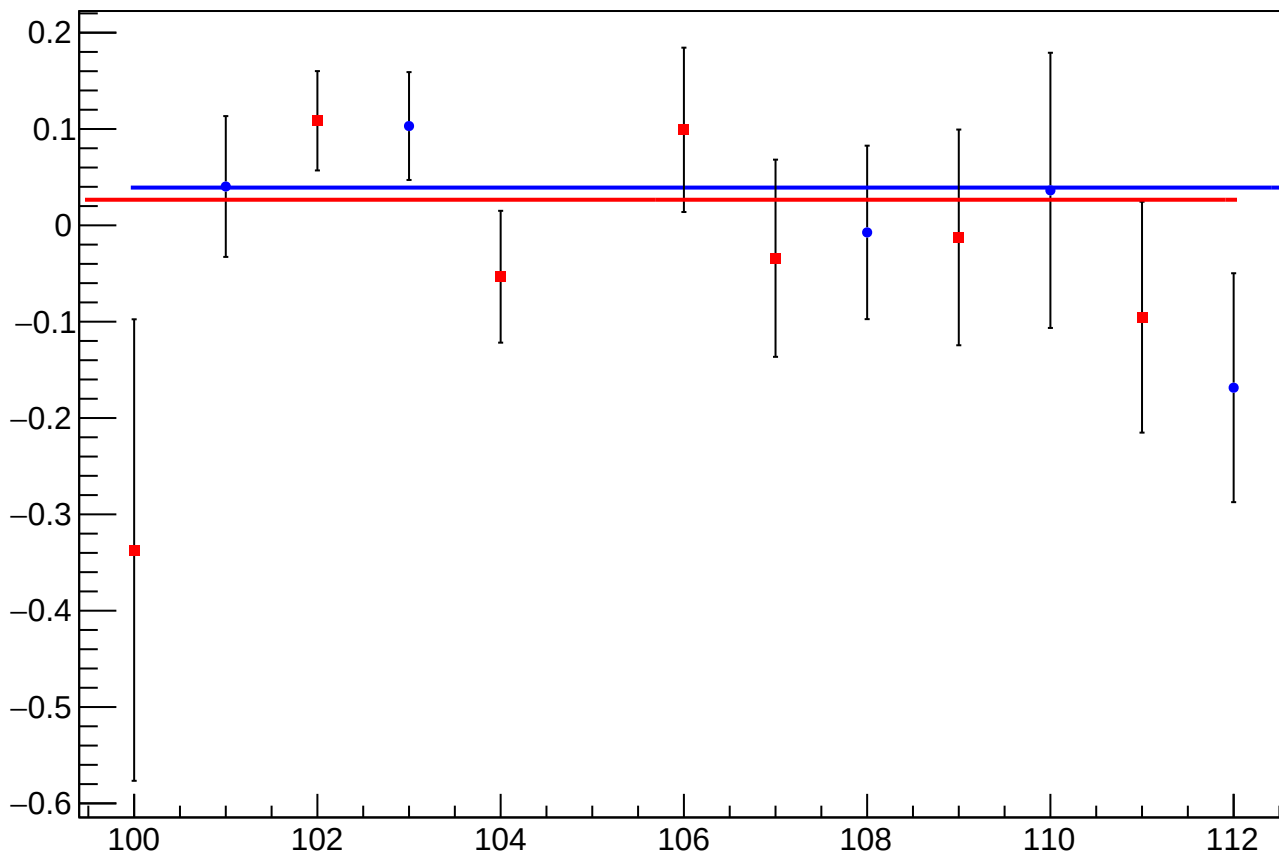
Right: 0.000+/-0.000 χ^2/NDF : 1315855.0/11

In: 0.000+/-0.000 χ^2/NDF : 784744.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1315855.0/11

asym_usr_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.039 $\pm$ 0.037 χ^2 /NDF: 4.6/4

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

Right Out: 0.027 $\pm$ 0.032 χ^2 /NDF: 8.4/6

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

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

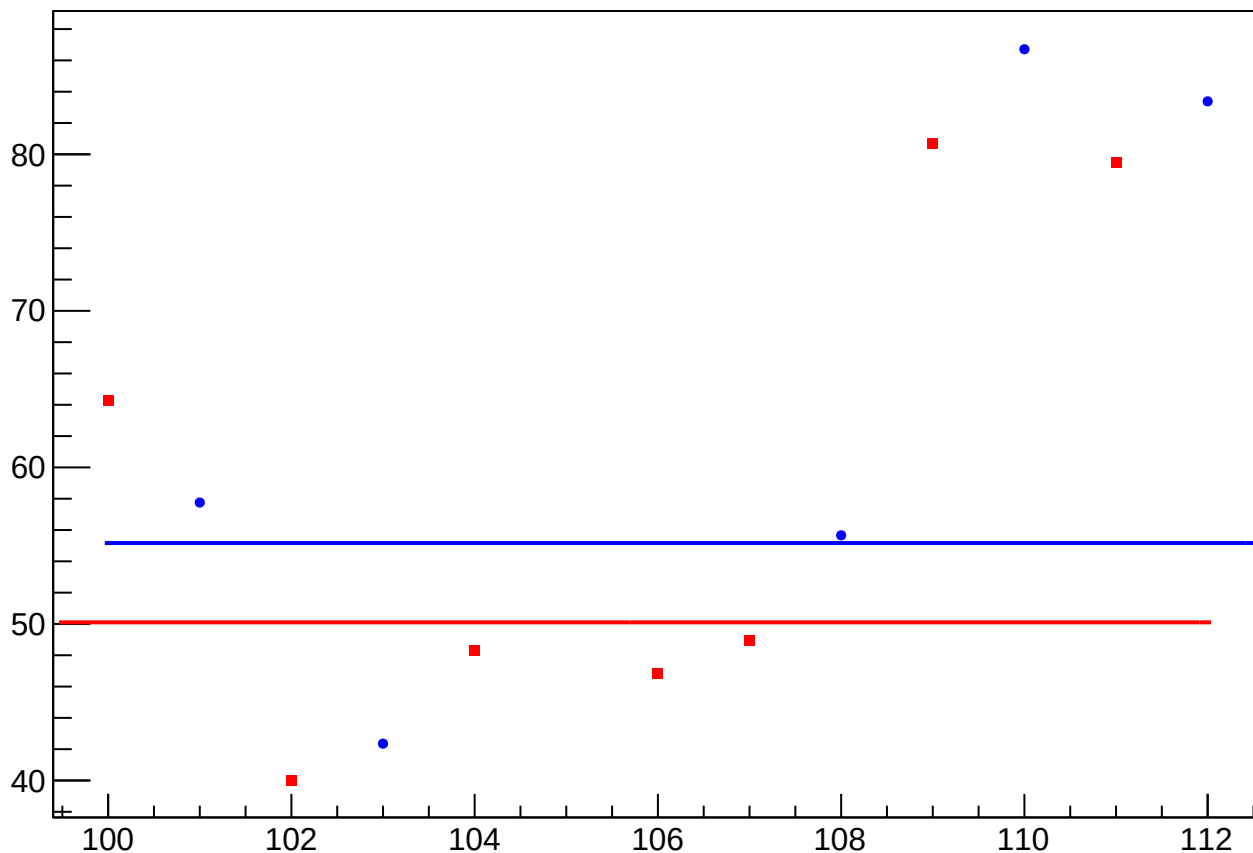
Right: 0.032 $\pm$ 0.024 χ^2 /NDF: 13.1/11

In: 0.039 $\pm$ 0.037 χ^2 /NDF:4.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.032 $\pm$ 0.024 χ^2 /NDF: 13.1/11

asym_usr_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.169+/-0.026 χ^2/NDF : 317763.2/4

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

Right Out: 50.103+/-0.022 χ^2/NDF : 357755.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

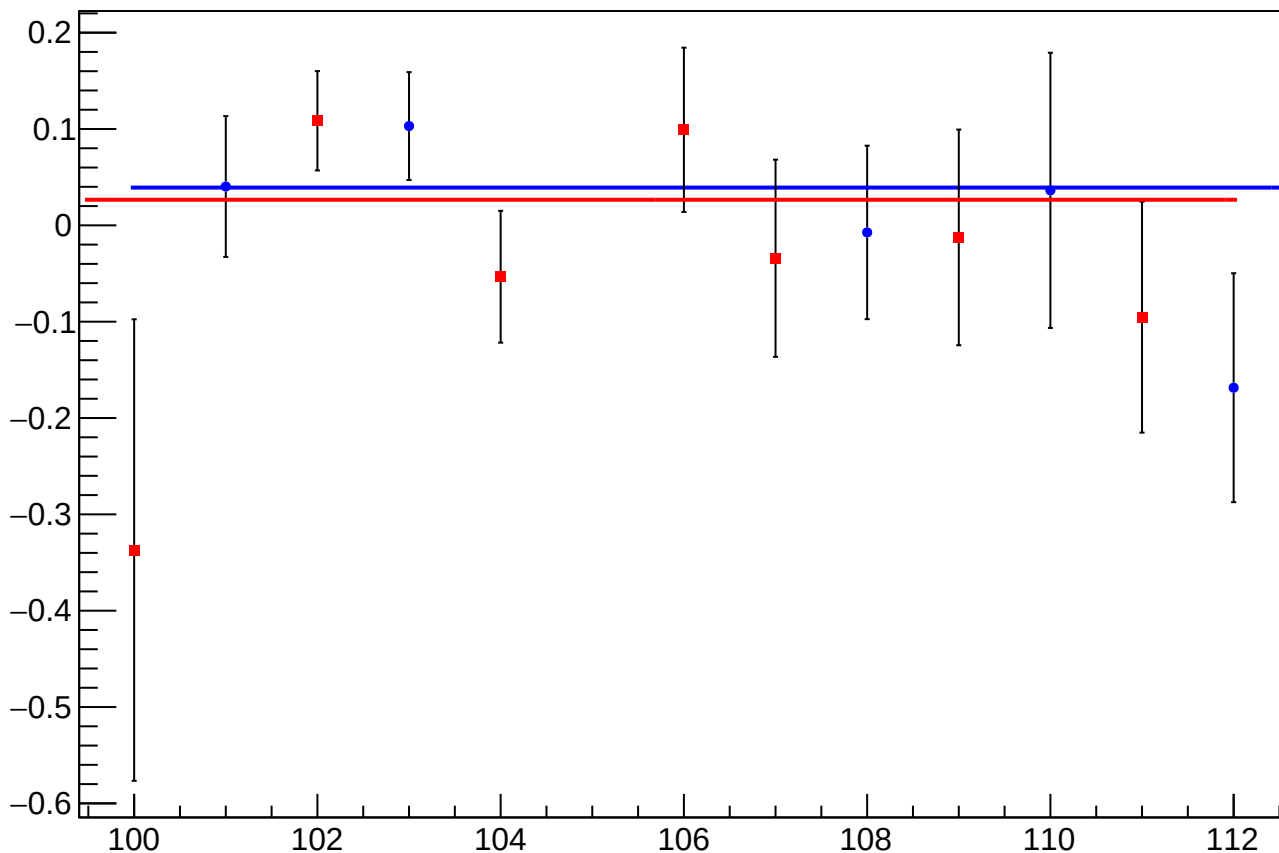
Right: 52.286+/-0.017 χ^2/NDF : 697412.9/11

In: 55.169+/-0.026 χ^2/NDF : 317763.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.286+/-0.017 χ^2/NDF : 697412.9/11

asym_usr_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.039 $\pm$ 0.037 χ^2 /NDF: 4.6/4

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

Right Out: 0.027 $\pm$ 0.032 χ^2 /NDF: 8.4/6

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

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

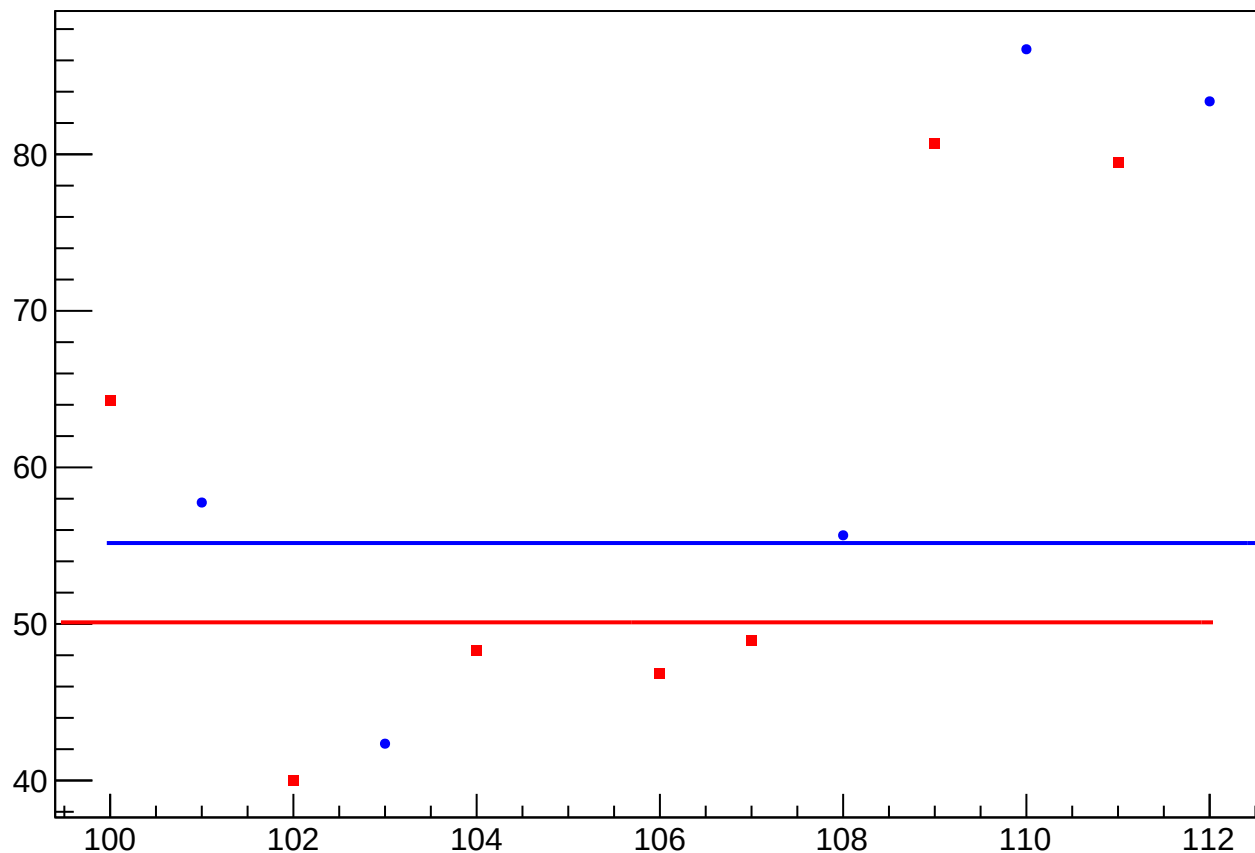
Right: 0.032 $\pm$ 0.024 χ^2 /NDF: 13.1/11

In: 0.039 $\pm$ 0.037 χ^2 /NDF:4.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.032 $\pm$ 0.024 χ^2 /NDF: 13.1/11

asym_usr_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.169+/-0.026 χ^2/NDF : 317763.2/4

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

Right Out: 50.103+/-0.022 χ^2/NDF : 357755.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

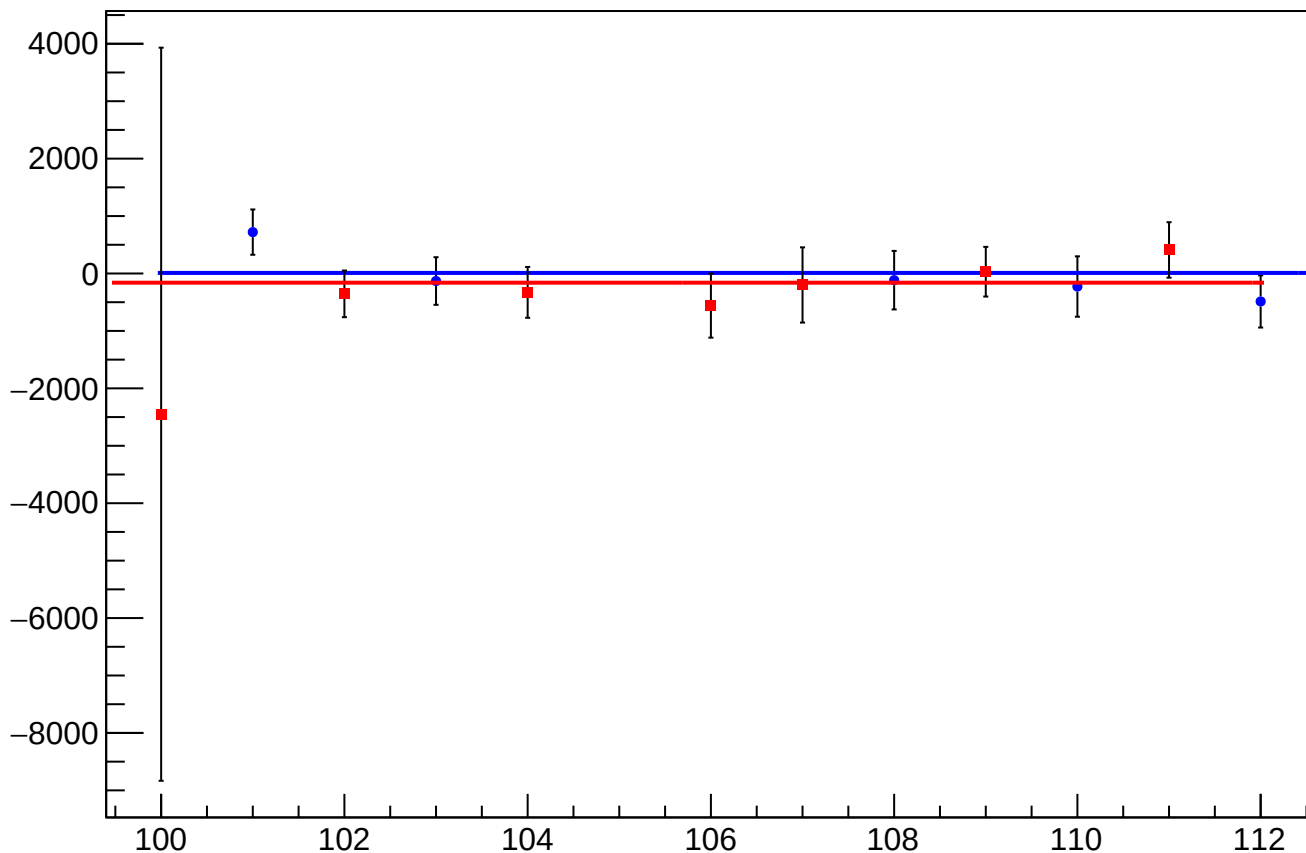
Right: 52.286+/-0.017 χ^2/NDF : 697412.9/11

In: 55.169+/-0.026 χ^2/NDF : 317763.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.286+/-0.017 χ^2/NDF : 697412.9/11

asym_dsl_mean vs Slug, Sign Corrected



Right In: 9.824+/-201.739 χ^2/NDF : 4.8/4

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

Right Out: -160.304+/-194.693 χ^2/NDF : 2.6/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

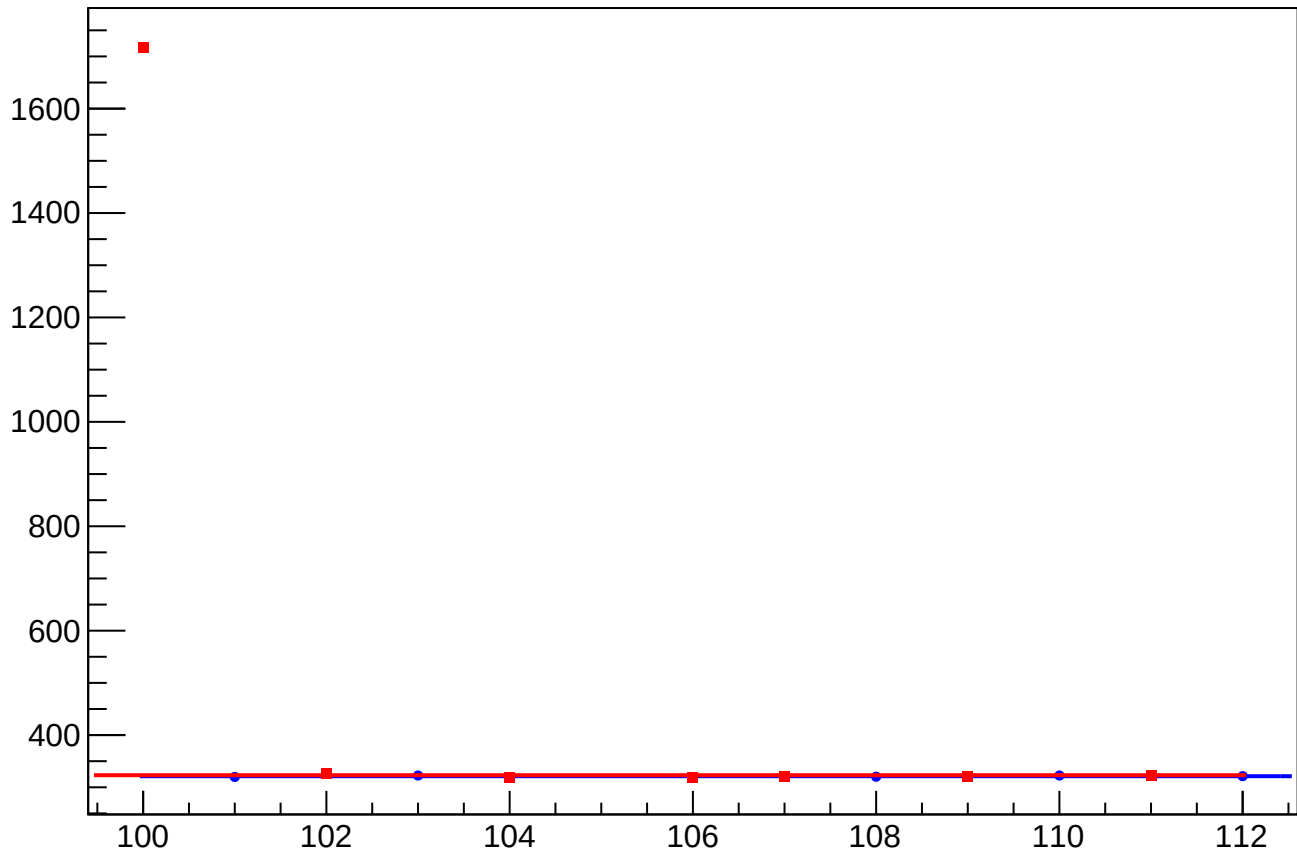
Right: -78.263+/-140.093 χ^2/NDF : 7.8/11

In: 9.824+/-201.739 χ^2/NDF : 4.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -78.263+/-140.093 χ^2/NDF : 7.8/11

asym_dsl_rms vs Slug, Sign Corrected



Right In: 321.227 $\pm$ 0.143 χ^2 /NDF: 66.3/4

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

Right Out: 323.184 $\pm$ 0.138 χ^2 /NDF: 96150.6/6

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

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

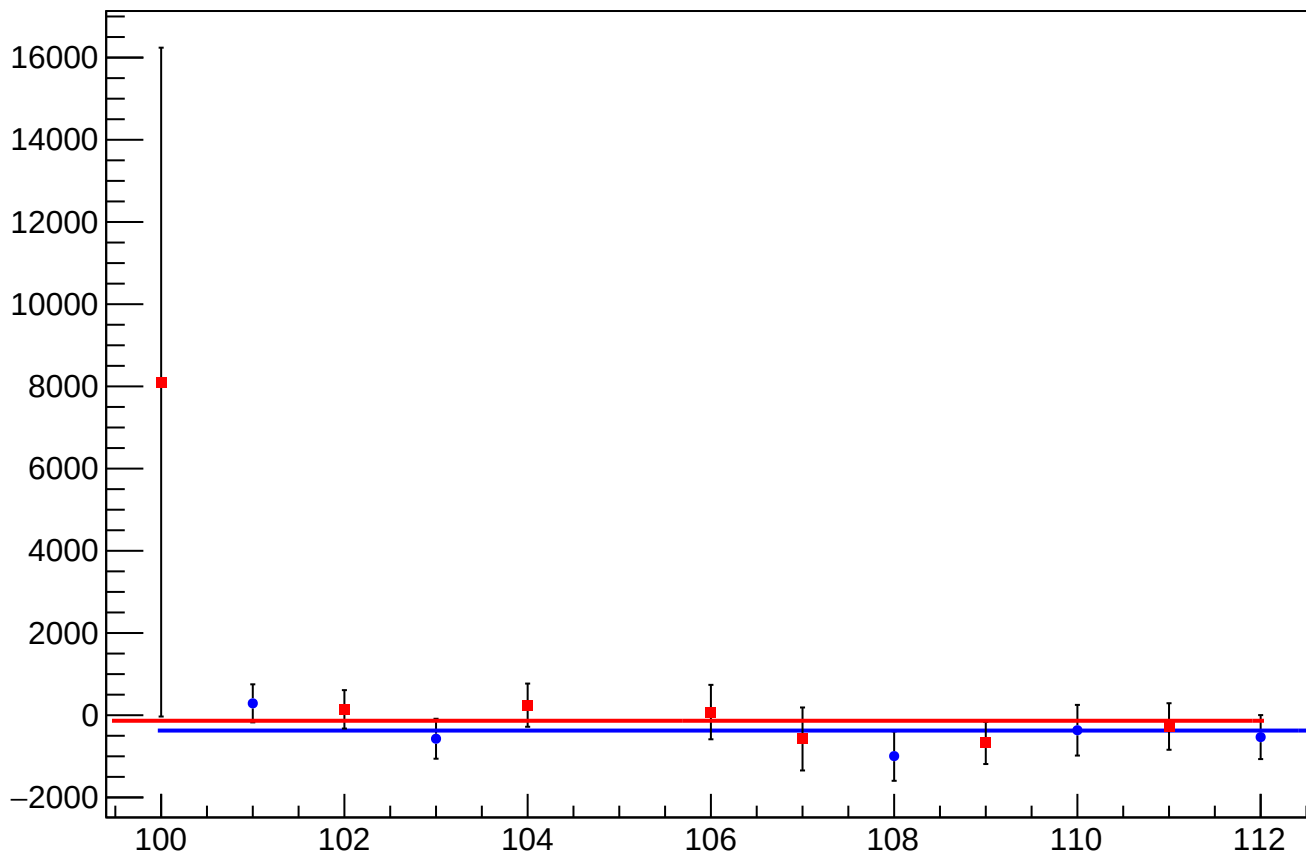
Right: 322.240 $\pm$ 0.099 χ^2 /NDF: 96314.3/11

In: 321.227 $\pm$ 0.143 χ^2 /NDF: 66.3/4

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

All: 322.240 $\pm$ 0.099 χ^2 /NDF: 96314.3/11

asym_dsr_mean vs Slug, Sign Corrected



Right In: -373.295+/-237.063 χ^2/NDF : 3.4/4

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

Right Out: -134.733+/-228.633 χ^2/NDF : 3.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

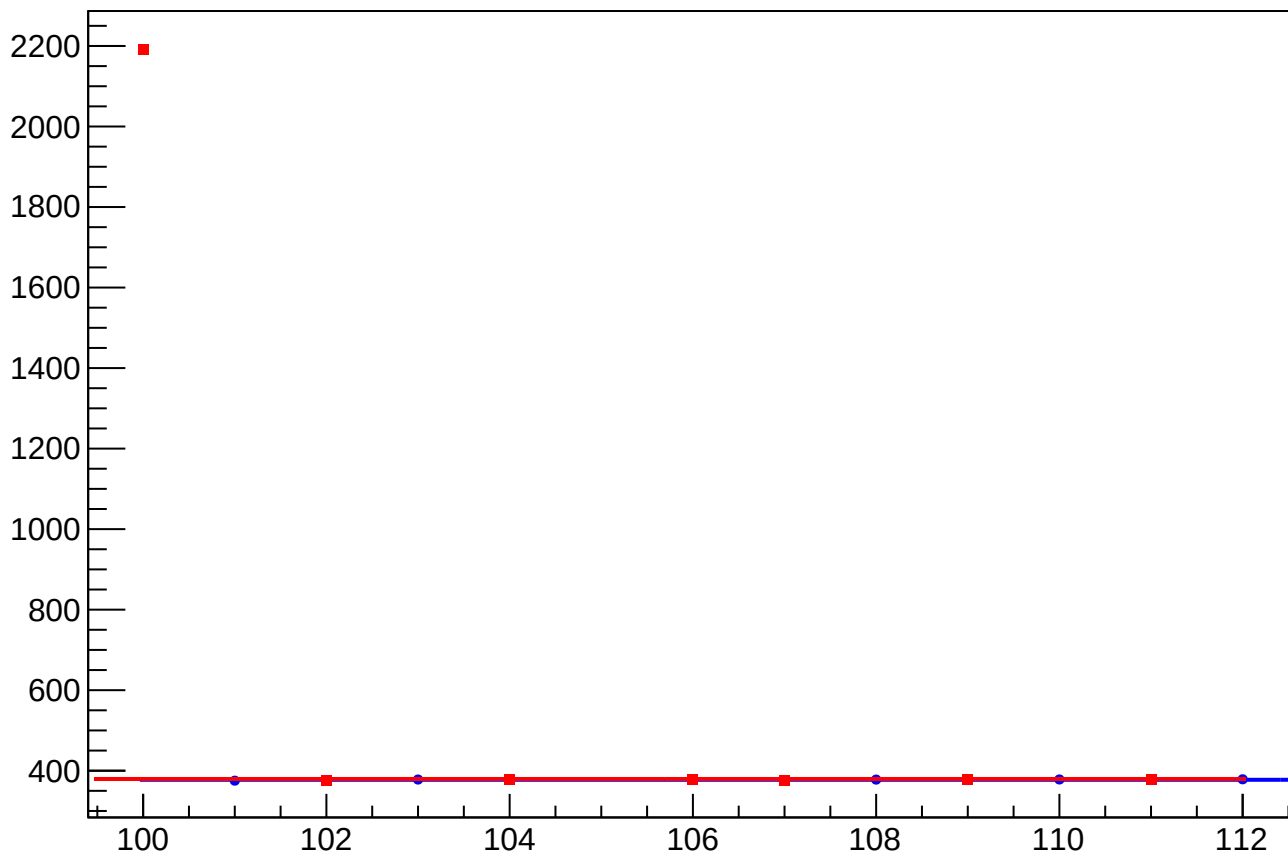
Right: -249.697+/-164.568 χ^2/NDF : 7.4/11

In: -373.295+/-237.063 χ^2/NDF : 3.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -249.697+/-164.568 χ^2/NDF : 7.4/11

asym_dsr_rms vs Slug, Sign Corrected



Right In: 377.452+/-0.168 χ^2/NDF : 62.9/4

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

Right Out: 379.409+/-0.162 χ^2/NDF : 99159.2/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

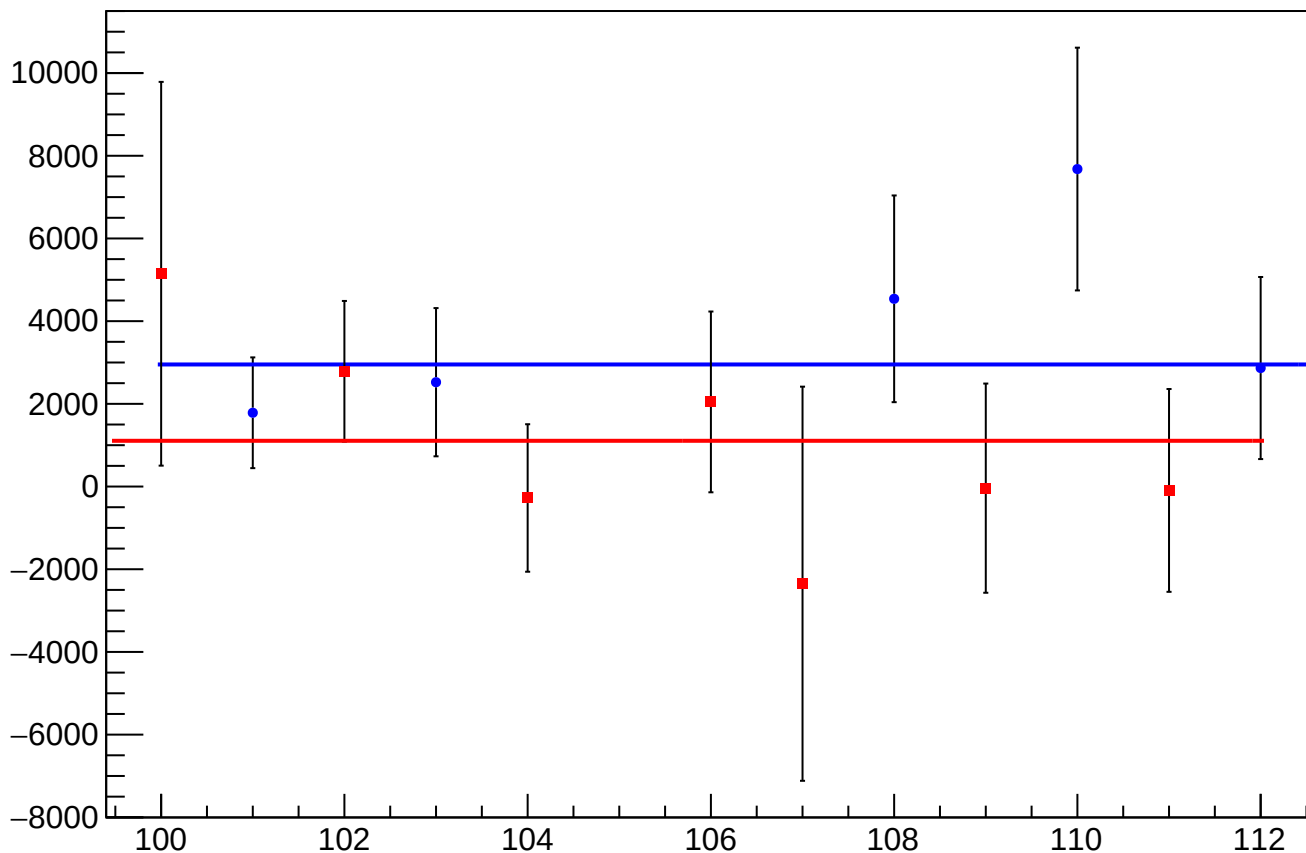
Right: 378.466+/-0.116 χ^2/NDF : 99292.7/11

In: 377.452+/-0.168 χ^2/NDF : 62.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 378.466+/-0.116 χ^2/NDF : 99292.7/11

asym_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 2952.469+/-860.326 χ^2/NDF : 3.8/4

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

Right Out: 1106.421+/-883.137 χ^2/NDF : 3.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

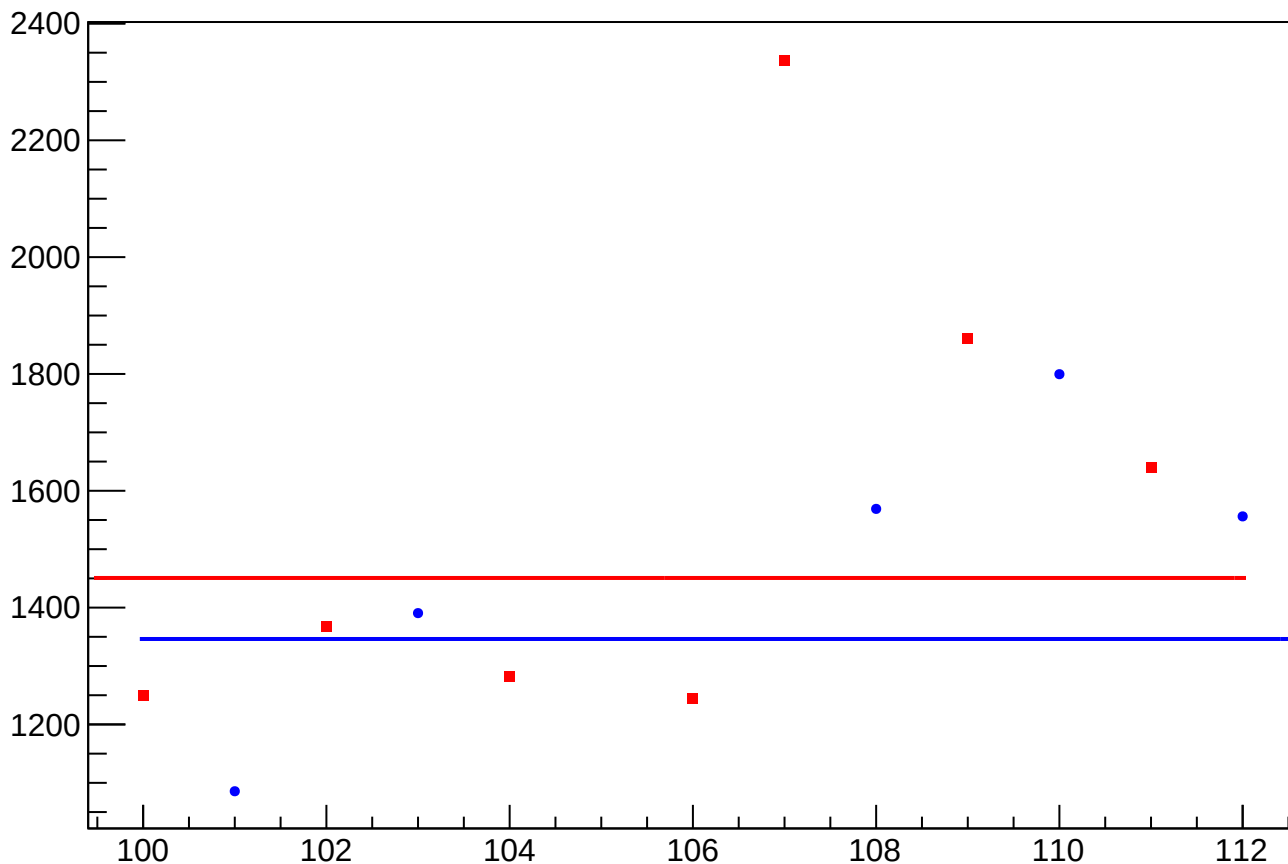
Right: 2053.595+/-616.249 χ^2/NDF : 9.5/11

In: 2952.469+/-860.326 χ^2/NDF : 3.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2053.595+/-616.249 χ^2/NDF : 9.5/11

asym_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 1346.284+/-0.608 χ^2/NDF : 158722.1/4

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

Right Out: 1450.744+/-0.624 χ^2/NDF : 177586.8/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

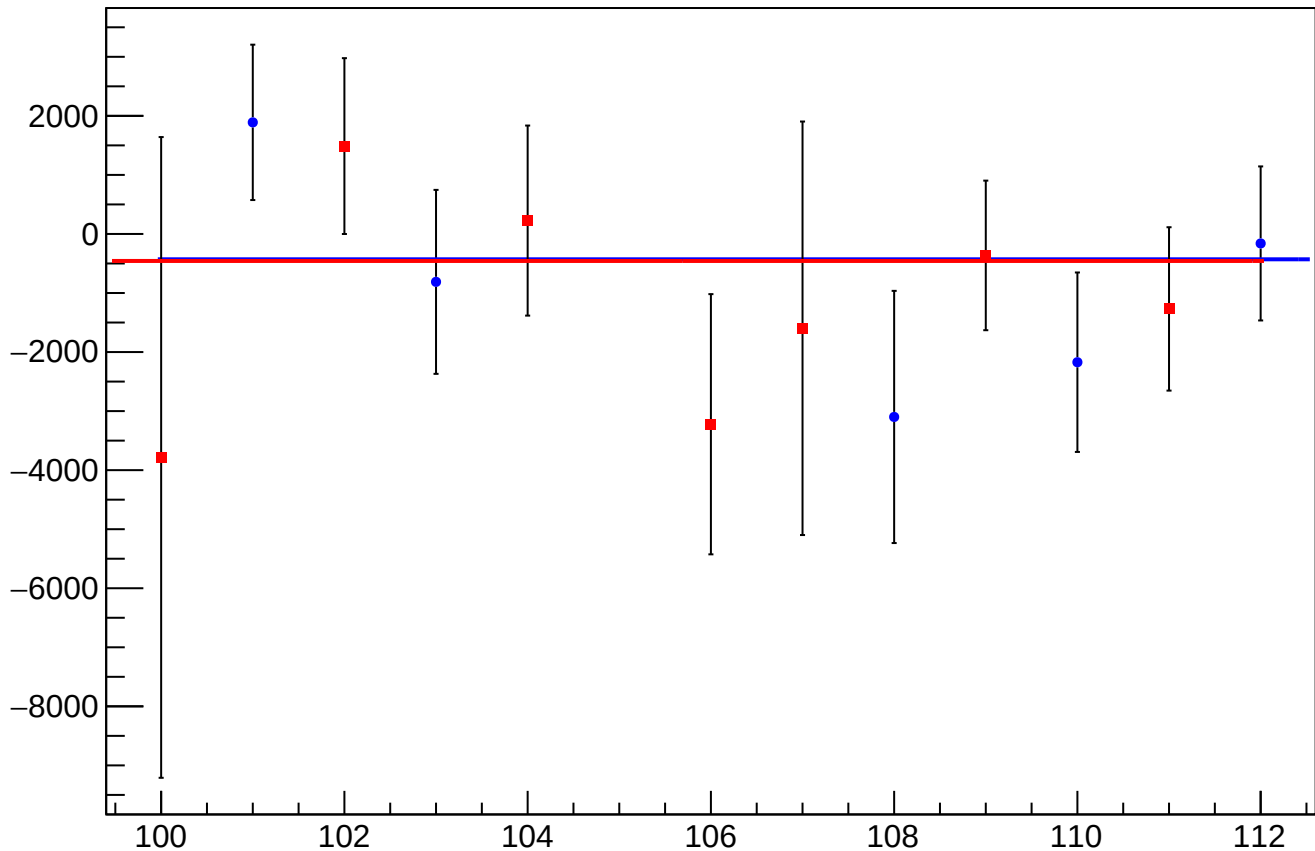
Right: 1397.147+/-0.436 χ^2/NDF : 350665.7/11

In: 1346.284+/-0.608 χ^2/NDF : 158722.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1397.147+/-0.436 χ^2/NDF : 350665.7/11

asym_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -429.254+/-669.650 χ^2/NDF : 6.1/4

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

Right Out: -457.261+/-658.748 χ^2/NDF : 4.3/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

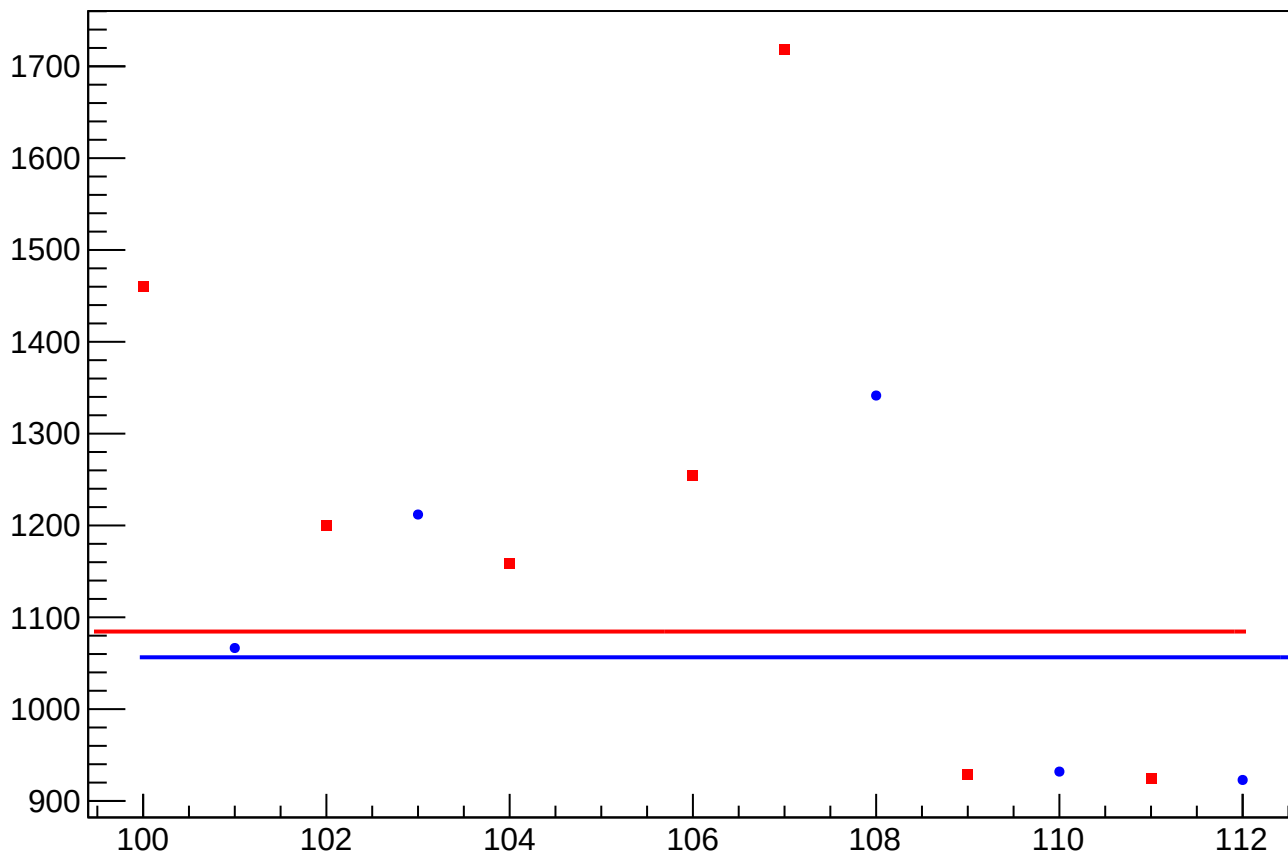
Right: -443.487+/-469.612 χ^2/NDF : 10.4/11

In: -429.254+/-669.650 χ^2/NDF :6.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -443.487+/-469.612 χ^2/NDF : 10.4/11

asym_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 1056.452+/-0.474 χ^2/NDF : 90072.3/4

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

Right Out: 1084.483+/-0.466 χ^2/NDF : 159942.2/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

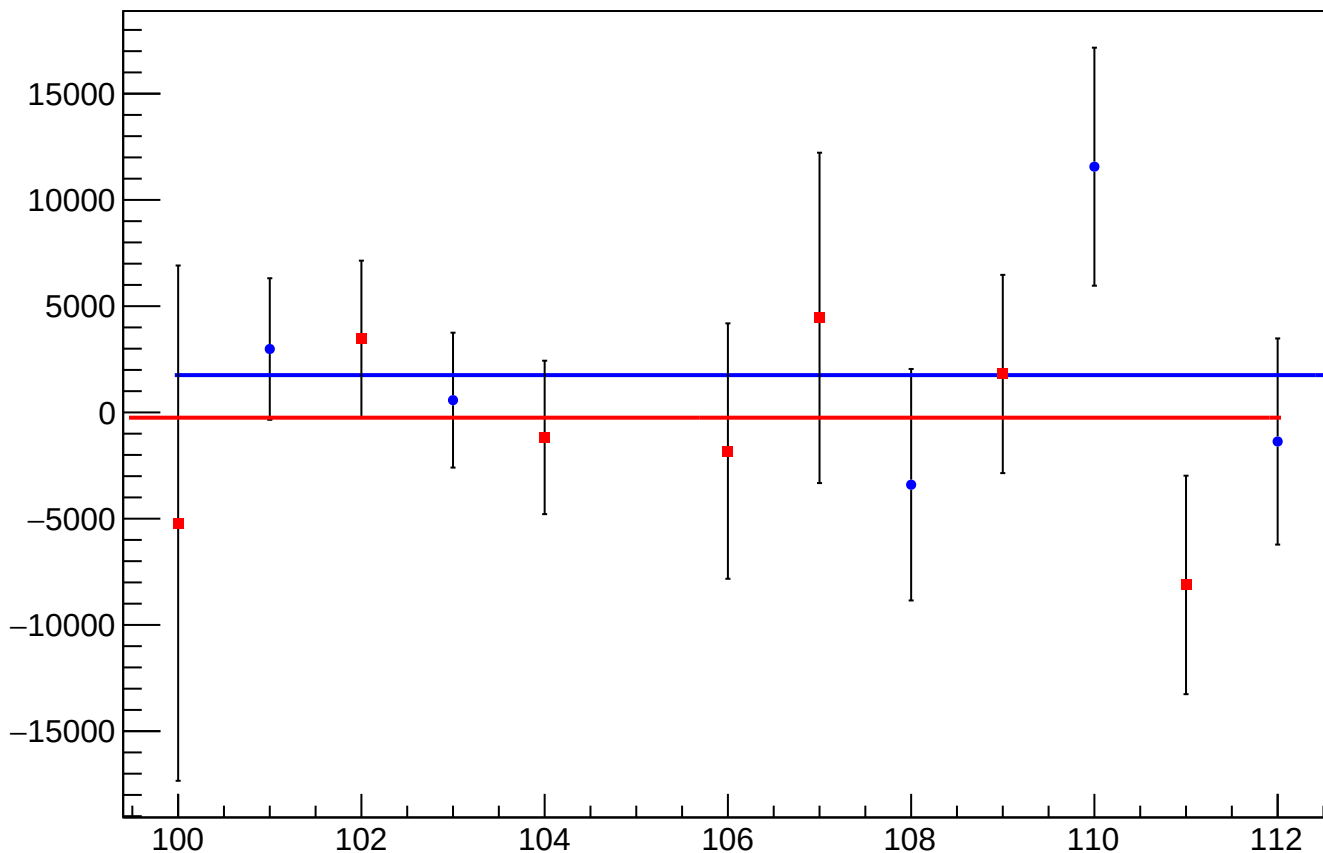
Right: 1070.697+/-0.332 χ^2/NDF : 251795.5/11

In: 1056.452+/-0.474 χ^2/NDF : 90072.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1070.697+/-0.332 χ^2/NDF : 251795.5/11

reg_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1755.403+/-1833.405 χ^2/NDF : 4.7/4

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

Right Out: -247.294+/-1871.607 χ^2/NDF : 4.2/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

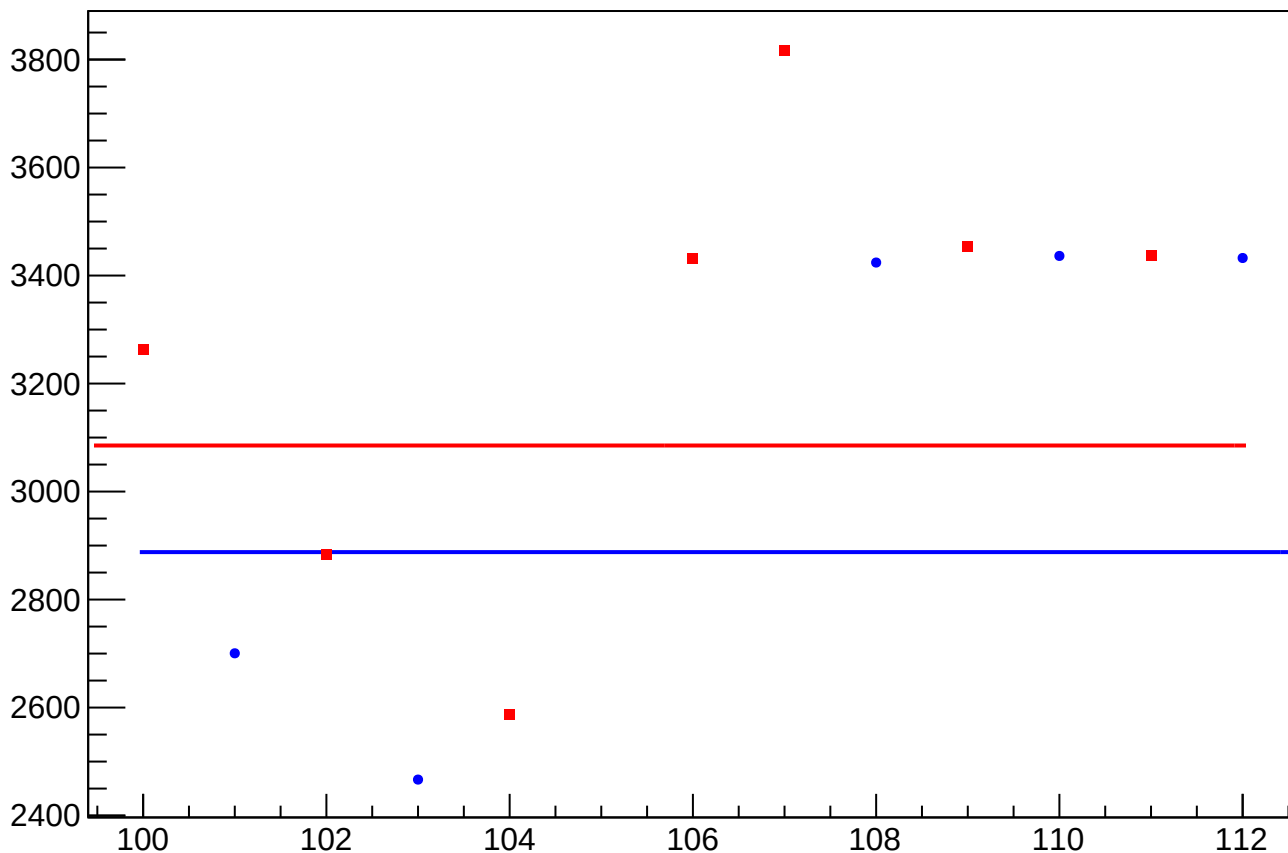
Right: 774.703+/-1309.711 χ^2/NDF : 9.5/11

In: 1755.403+/-1833.405 χ^2/NDF : 4.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 774.703+/-1309.711 χ^2/NDF : 9.5/11

reg_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2887.880+/-1.296 χ^2/NDF : 105326.3/4

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

Right Out: 3085.287+/-1.323 χ^2/NDF : 90585.4/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

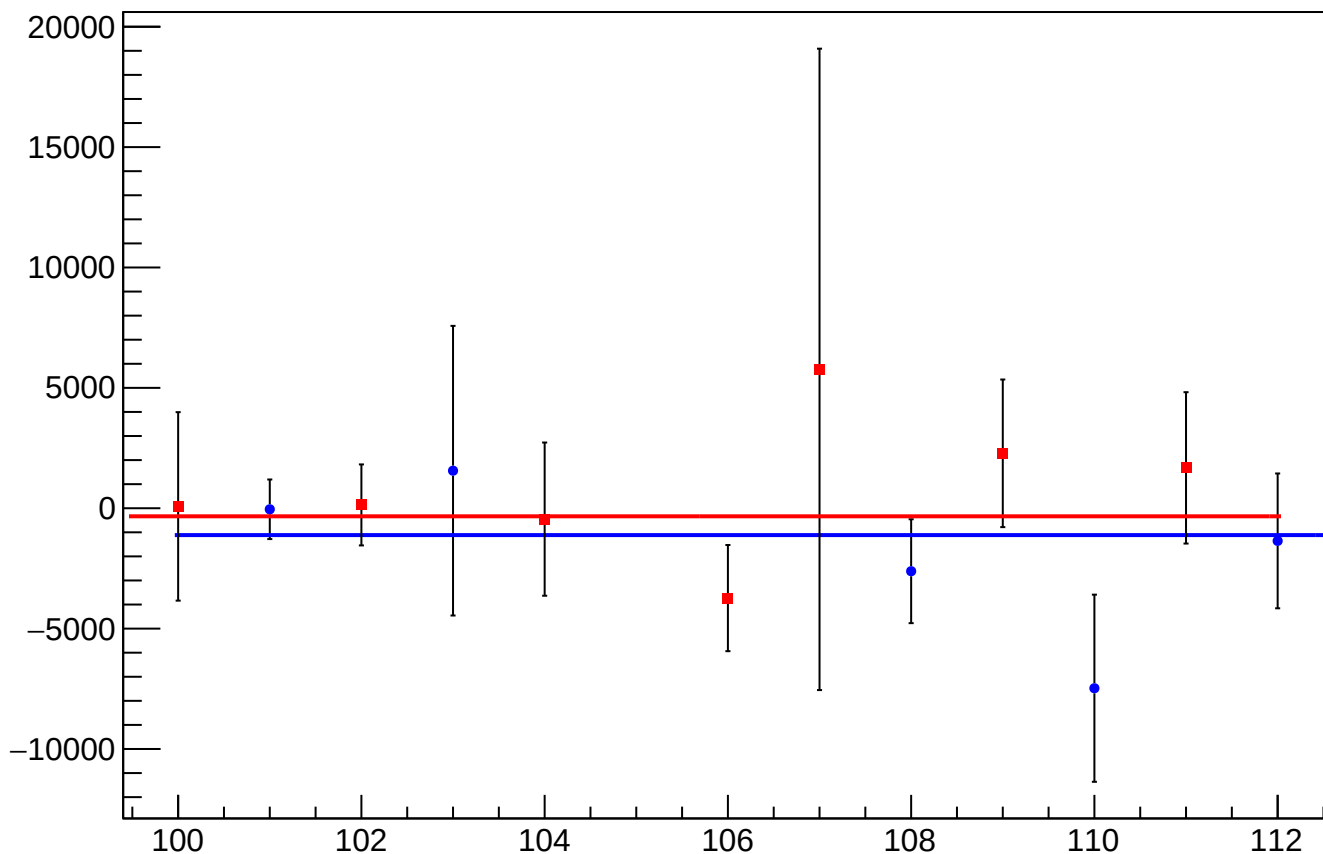
Right: 2984.548+/-0.926 χ^2/NDF : 207265.9/11

In: 2887.880+/-1.296 χ^2/NDF : 105326.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2984.548+/-0.926 χ^2/NDF : 207265.9/11

asym_atl1_reg_correction_mean vs Slug, Sign Corrected



Right In: -1115.478+/-958.154 χ^2/NDF : 4.1/4

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

Right Out: -335.188+/-1033.455 χ^2/NDF : 3.8/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

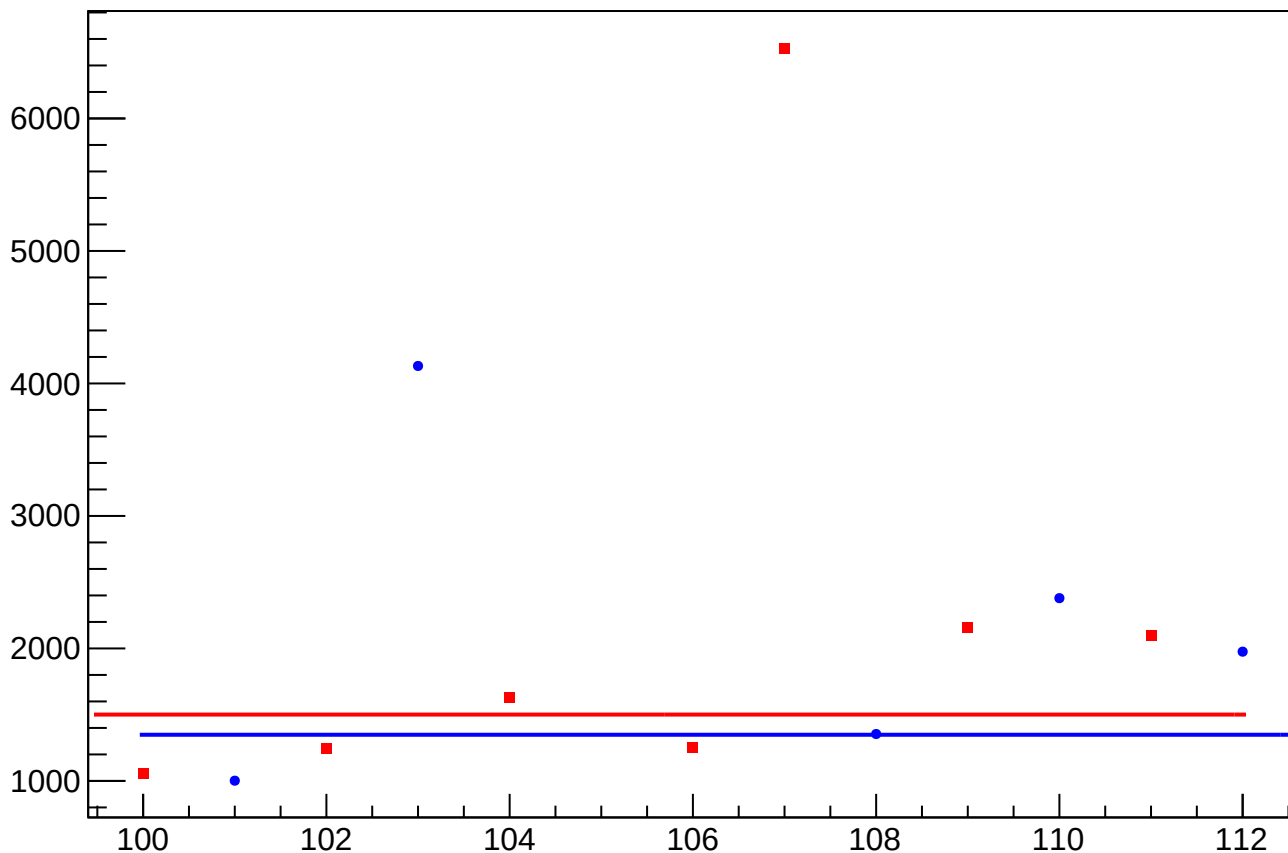
Right: -754.793+/-702.632 χ^2/NDF : 8.2/11

In: -1115.478+/-958.154 χ^2/NDF : 4.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -754.793+/-702.632 χ^2/NDF : 8.2/11

asym_atl1_reg_correction_rms vs Slug, Sign Corrected



Right In: 1348.554+/-0.678 χ^2/NDF : 826273.0/4

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

Right Out: 1500.846+/-0.731 χ^2/NDF : 551428.6/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

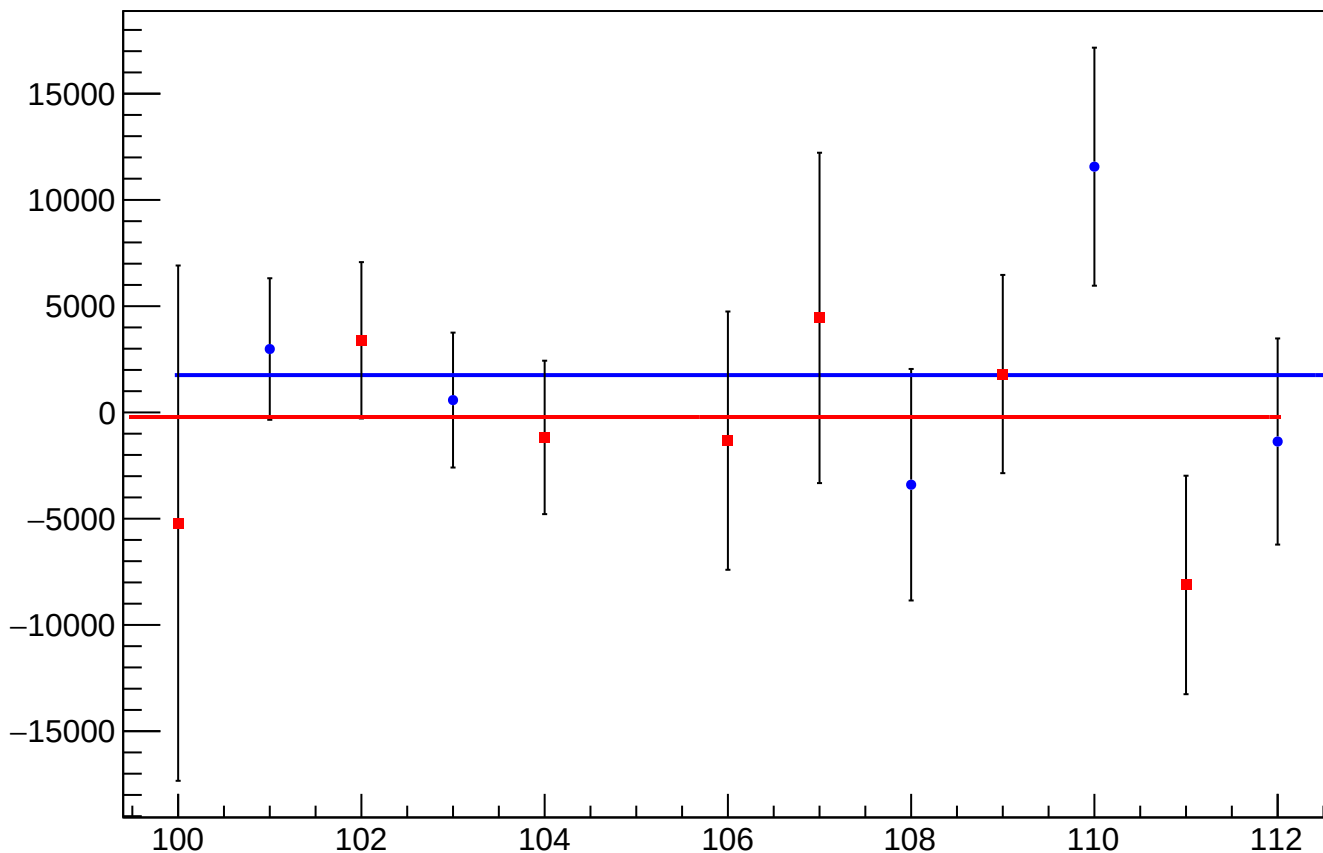
Right: 1418.950+/-0.497 χ^2/NDF : 1401056.8/11

In: 1348.554+/-0.678 χ^2/NDF : 826273.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1418.950+/-0.497 χ^2/NDF : 1401056.8/11

cor_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1756.816+/-1833.405 χ^2/NDF : 4.7/4

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

Right Out: -215.317+/-1873.672 χ^2/NDF : 4.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

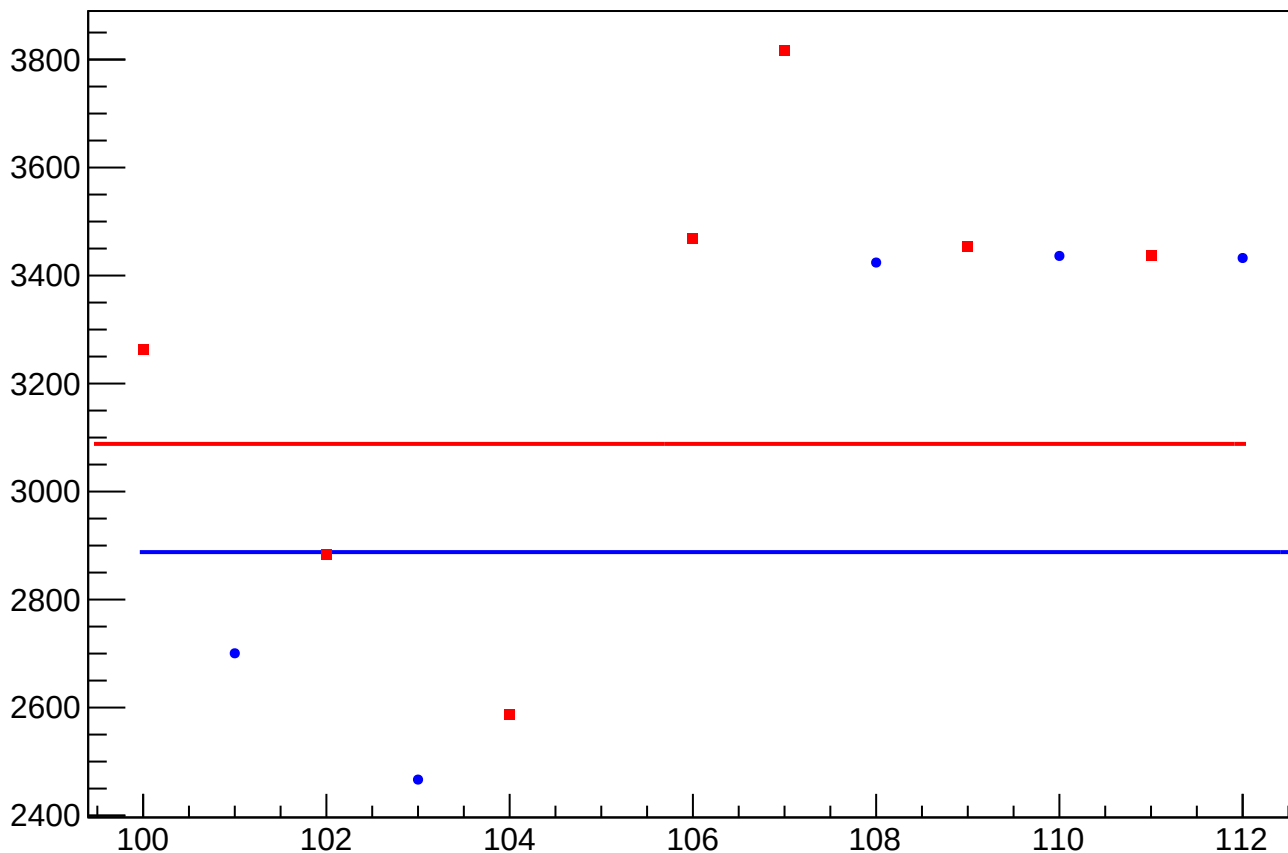
Right: 792.169+/-1310.418 χ^2/NDF : 9.4/11

In: 1756.816+/-1833.405 χ^2/NDF : 4.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 792.169+/-1310.418 χ^2/NDF : 9.4/11

cor_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2887.881 $\pm$ 1.296 χ^2 /NDF: 105326.1/4

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

Right Out: 3088.268 $\pm$ 1.325 χ^2 /NDF: 91912.1/6

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

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

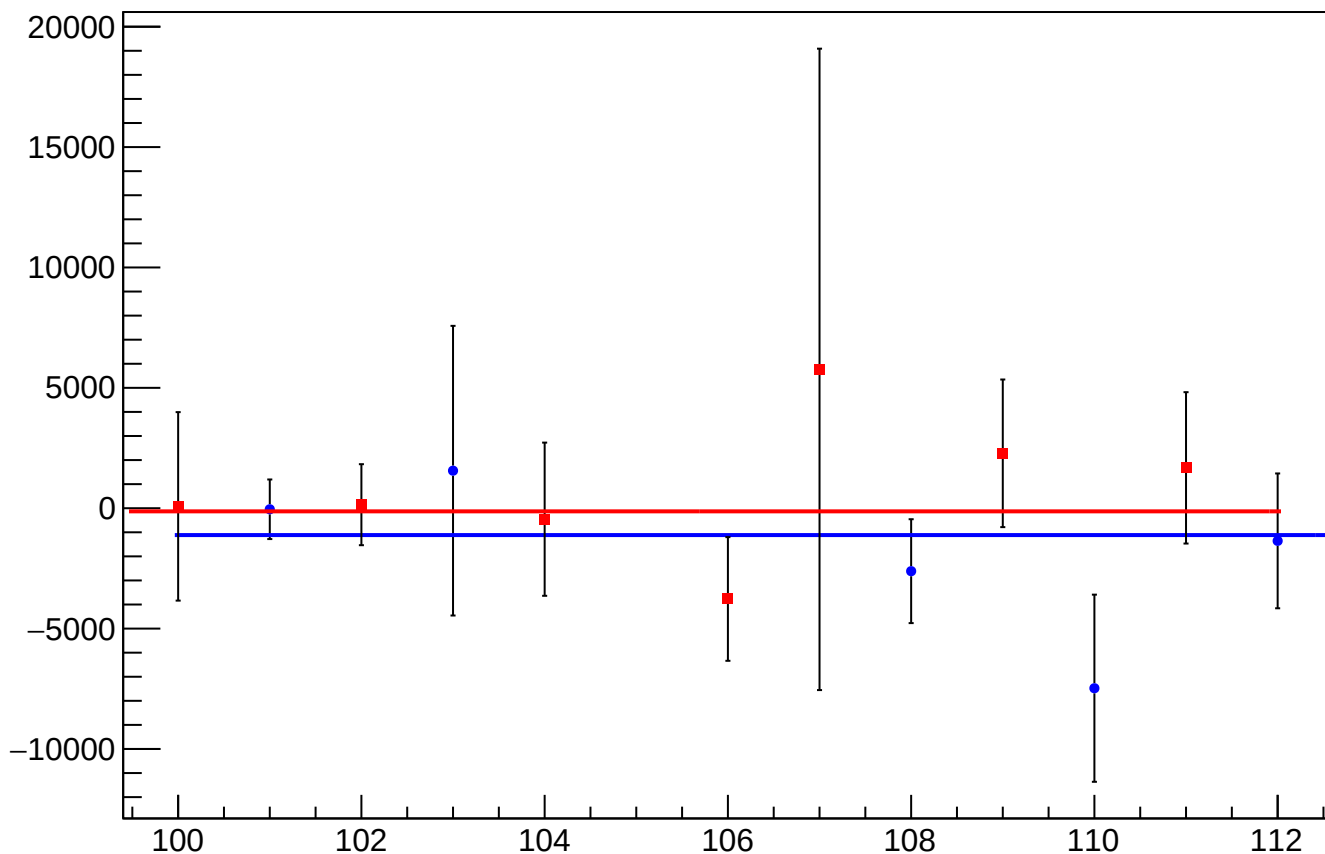
Right: 2985.898 $\pm$ 0.927 χ^2 /NDF: 208924.8/11

In: 2887.881 $\pm$ 1.296 χ^2 /NDF:105326.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2985.898 $\pm$ 0.927 χ^2 /NDF: 208924.8/11

asym_atl1_cor_correction_mean vs Slug, Sign Corrected



Right In: -1115.470+/-958.146 χ^2/NDF : 4.1/4

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

Right Out: -130.148+/-1064.709 χ^2/NDF : 3.2/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

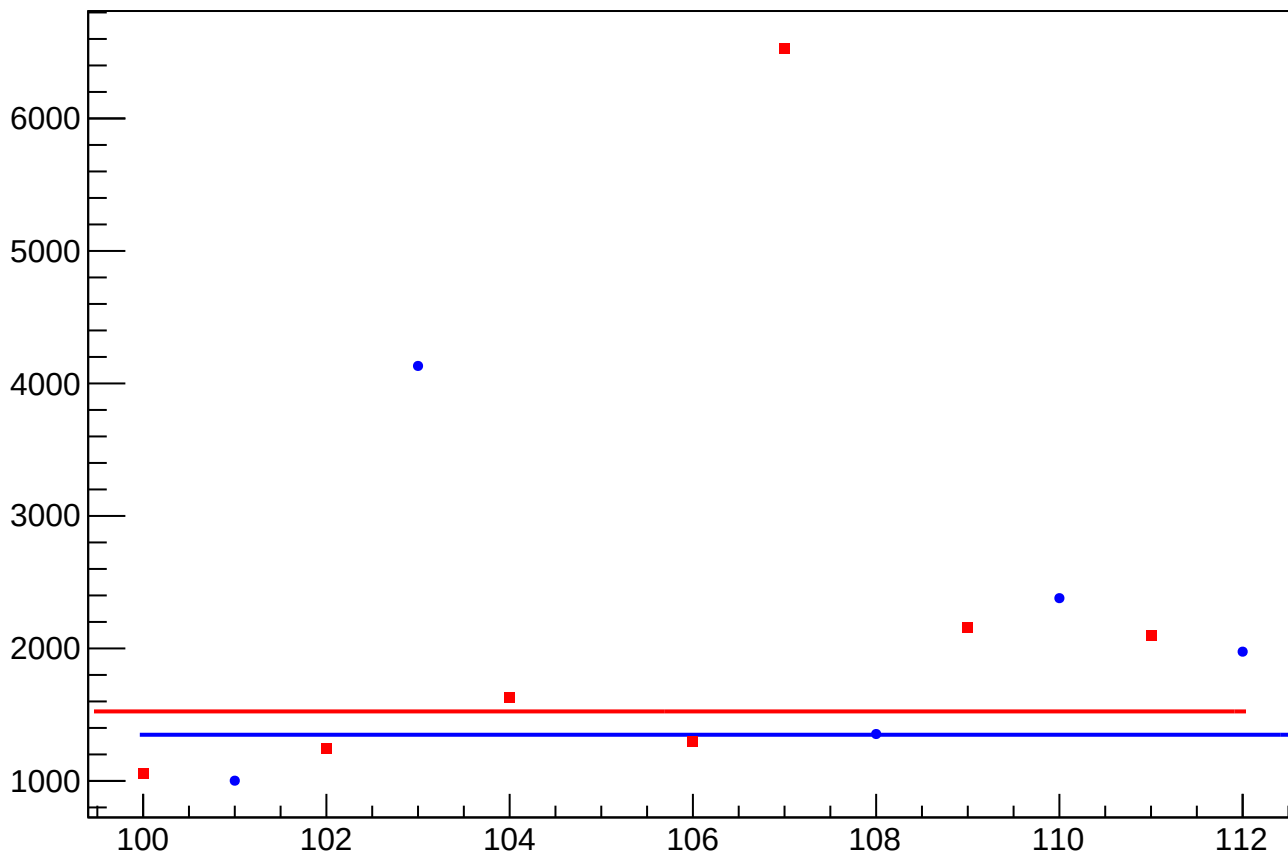
Right: -674.571+/-712.215 χ^2/NDF : 7.8/11

In: -1115.470+/-958.146 χ^2/NDF : 4.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -674.571+/-712.215 χ^2/NDF : 7.8/11

asym_atl1_cor_correction_rms vs Slug, Sign Corrected



Right In: 1348.535+/-0.678 χ^2/NDF : 826280.1/4

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

Right Out: 1524.645+/-0.753 χ^2/NDF : 536940.0/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

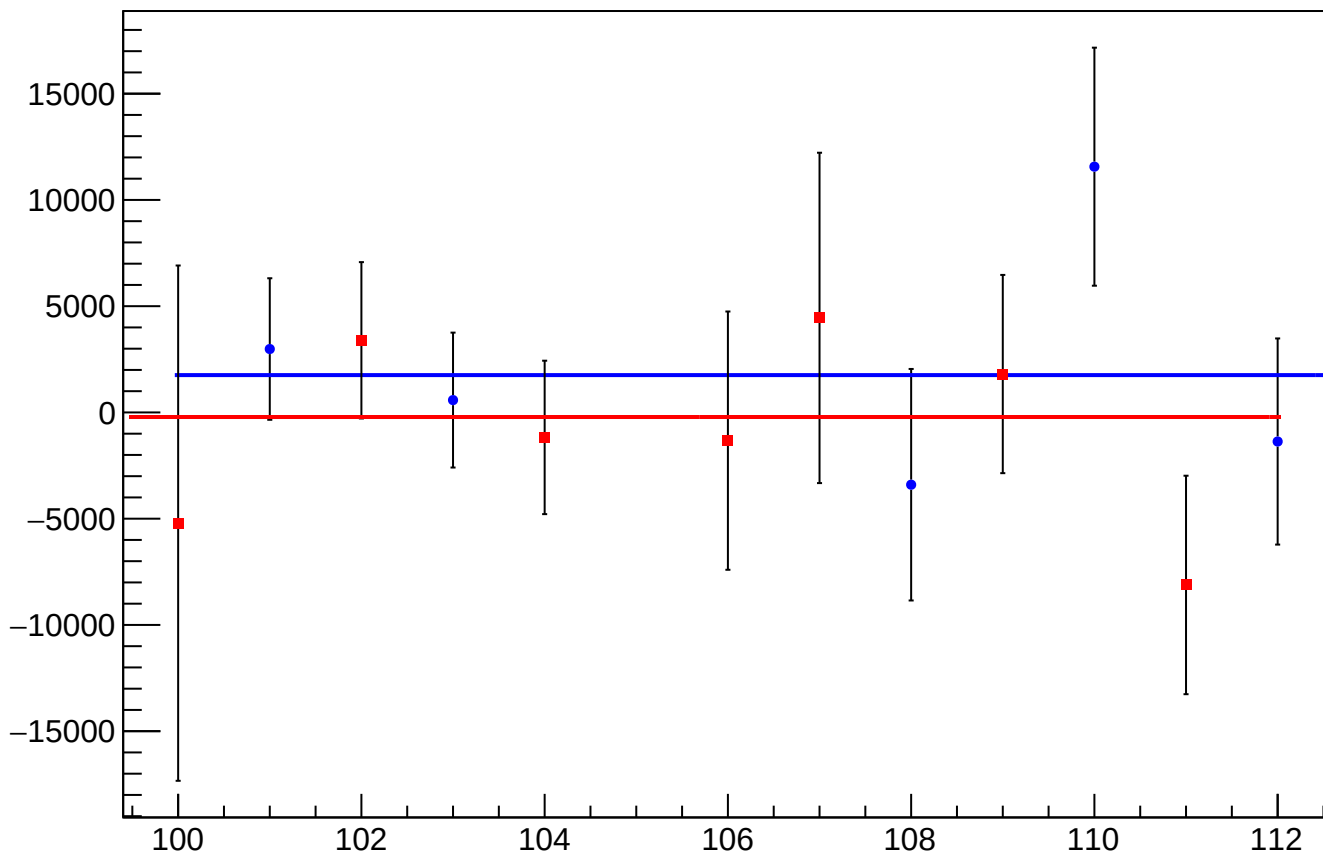
Right: 1427.338+/-0.504 χ^2/NDF : 1393454.0/11

In: 1348.535+/-0.678 χ^2/NDF : 826280.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1427.338+/-0.504 χ^2/NDF : 1393454.0/11

eigen_cor_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1756.816+/-1833.405 χ^2/NDF : 4.7/4

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

Right Out: -215.317+/-1873.672 χ^2/NDF : 4.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

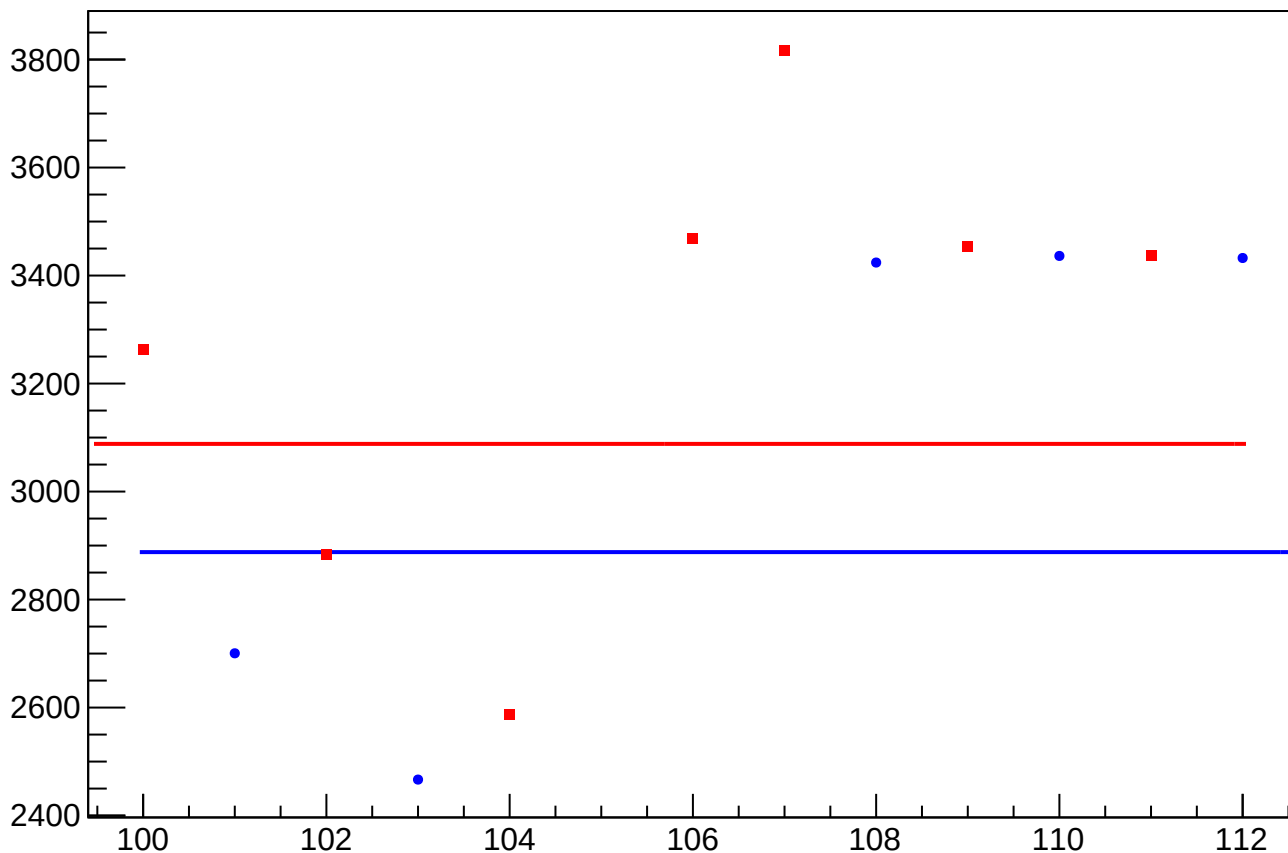
Right: 792.169+/-1310.418 χ^2/NDF : 9.4/11

In: 1756.816+/-1833.405 χ^2/NDF : 4.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 792.169+/-1310.418 χ^2/NDF : 9.4/11

eigen_cor_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2887.881+/-1.296 χ^2/NDF : 105326.1/4

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

Right Out: 3088.268+/-1.325 χ^2/NDF : 91912.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

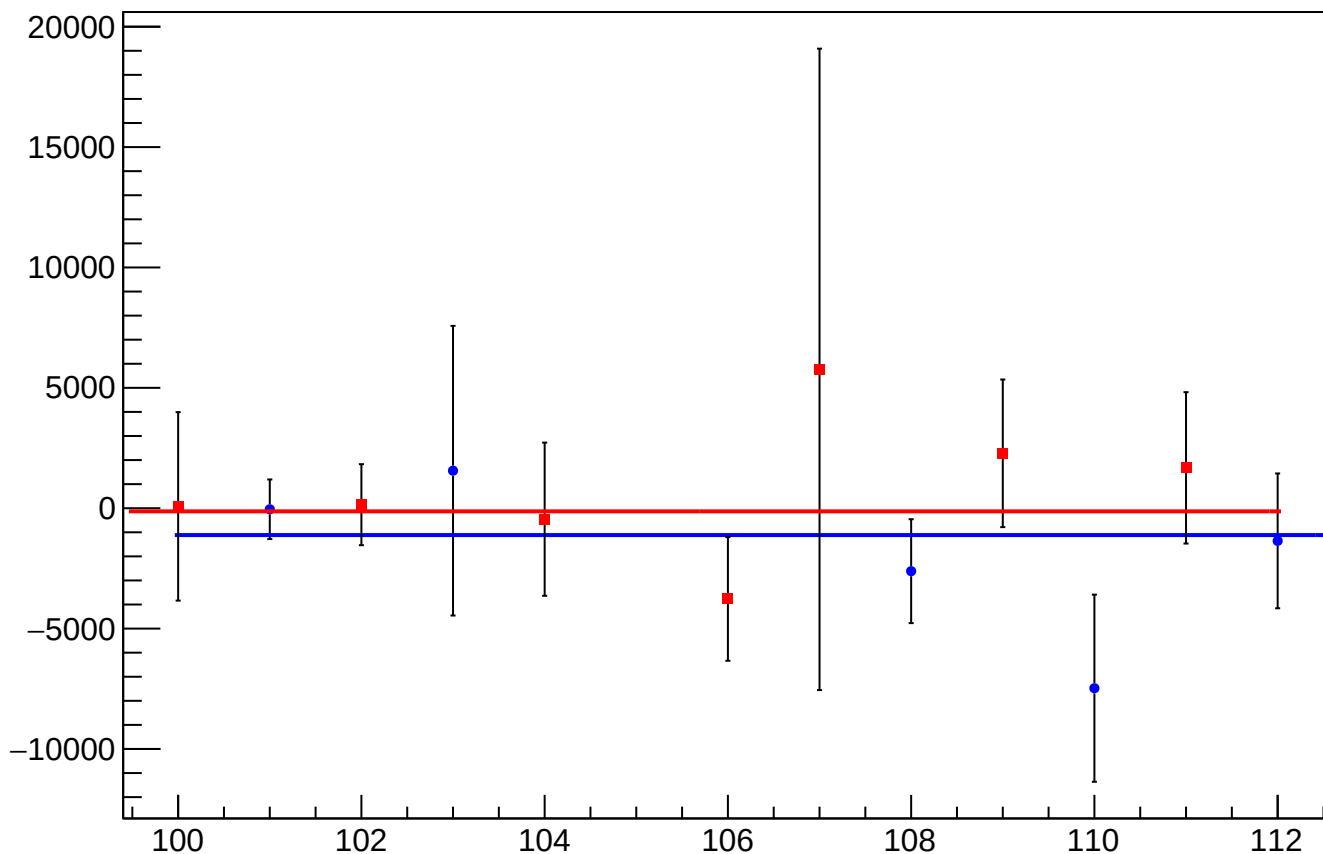
Right: 2985.898+/-0.927 χ^2/NDF : 208924.8/11

In: 2887.881+/-1.296 χ^2/NDF : 105326.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2985.898+/-0.927 χ^2/NDF : 208924.8/11

asym_atl1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1115.470+/-958.146 χ^2/NDF : 4.1/4

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

Right Out: -130.148+/-1064.709 χ^2/NDF : 3.2/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

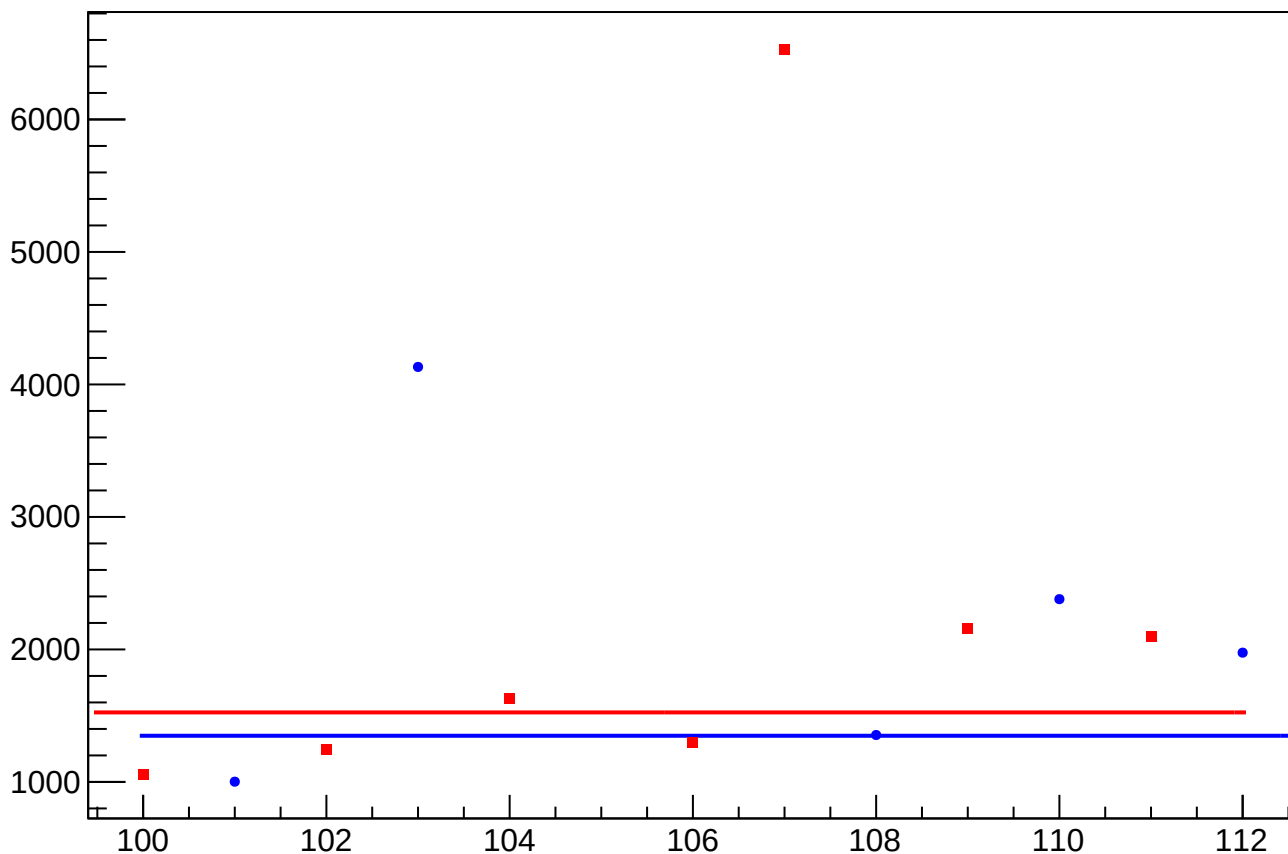
Right: -674.571+/-712.215 χ^2/NDF : 7.8/11

In: -1115.470+/-958.146 χ^2/NDF : 4.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -674.571+/-712.215 χ^2/NDF : 7.8/11

asym_atl1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1348.535+/-0.678 χ^2/NDF : 826280.1/4

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

Right Out: 1524.645+/-0.753 χ^2/NDF : 536940.0/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

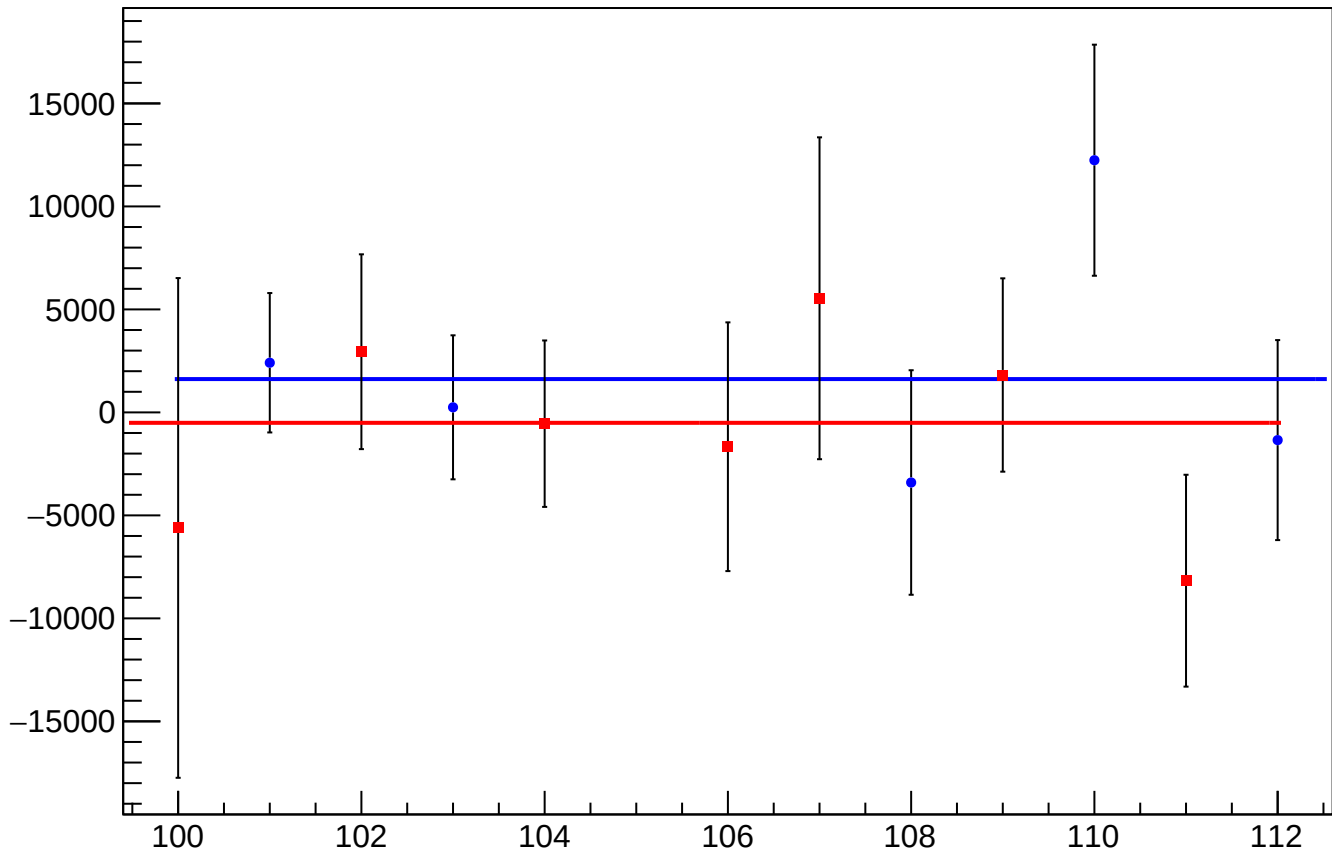
Right: 1427.338+/-0.504 χ^2/NDF : 1393454.0/11

In: 1348.535+/-0.678 χ^2/NDF : 826280.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1427.338+/-0.504 χ^2/NDF : 1393454.0/11

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1617.609+/-1899.969 χ^2/NDF : 5.0/4

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

Right Out: -506.597+/-2042.103 χ^2/NDF : 3.8/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

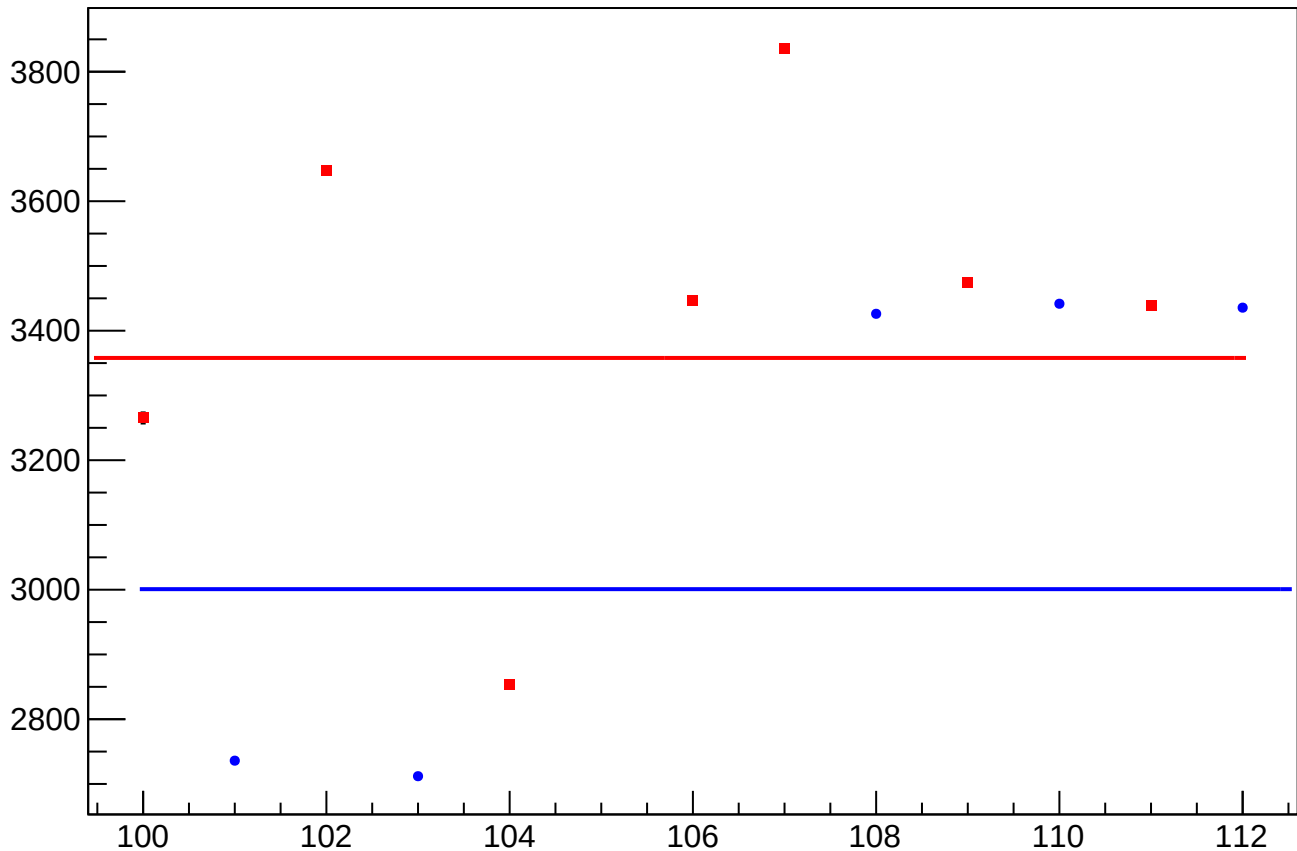
Right: 631.996+/-1391.017 χ^2/NDF : 9.4/11

In: 1617.609+/-1899.969 χ^2/NDF : 5.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 631.996+/-1391.017 χ^2/NDF : 9.4/11

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 3000.853+/-1.343 χ^2/NDF : 66473.7/4

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

Right Out: 3357.940+/-1.444 χ^2/NDF : 48520.4/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

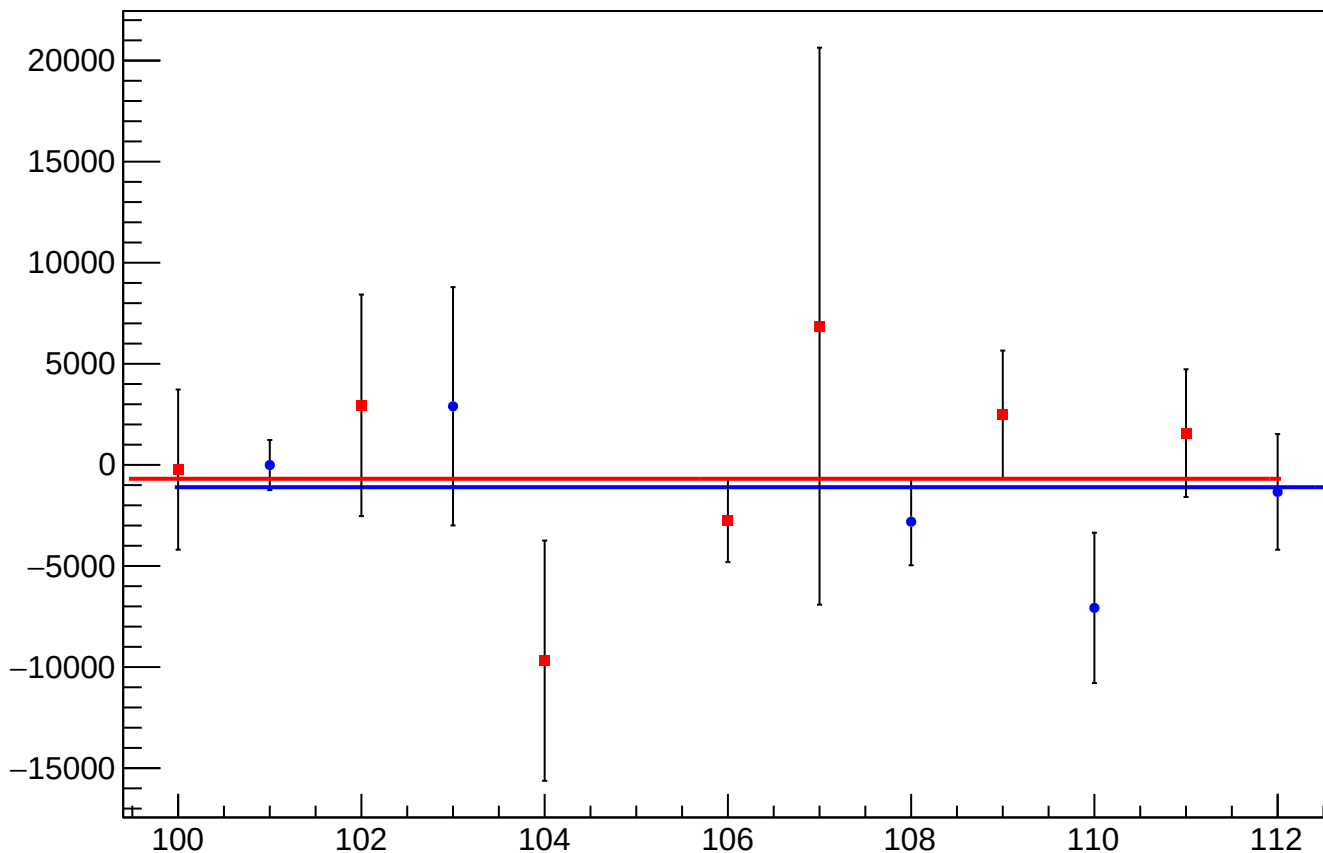
Right: 3166.538+/-0.984 χ^2/NDF : 147773.0/11

In: 3000.853+/-1.343 χ^2/NDF : 66473.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3166.538+/-0.984 χ^2/NDF : 147773.0/11

asym_atl1_dit_correction_mean vs Slug, Sign Corrected



Right In: -1103.691+/-958.399 χ^2/NDF : 4.5/4

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

Right Out: -686.248+/-1330.812 χ^2/NDF : 5.6/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

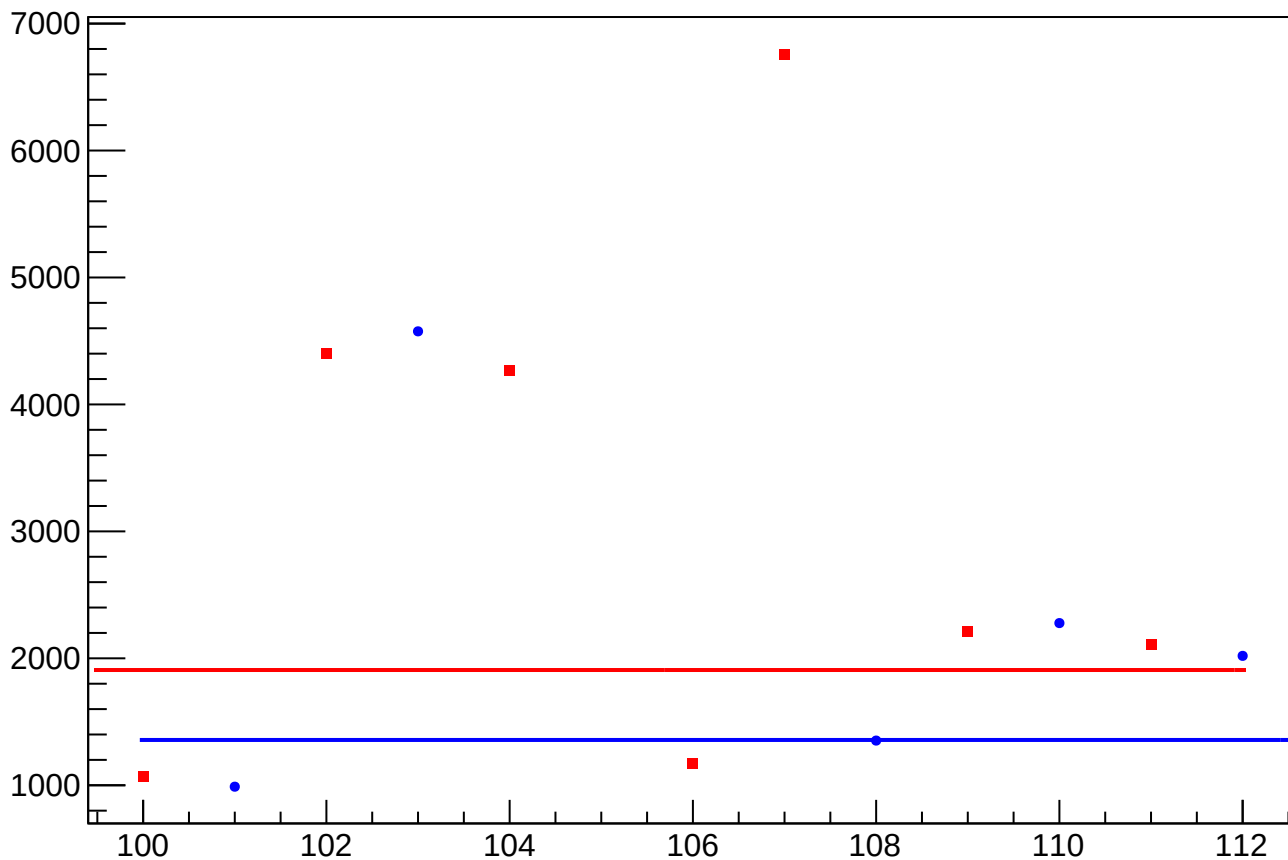
Right: -961.129+/-777.714 χ^2/NDF : 10.1/11

In: -1103.691+/-958.399 χ^2/NDF : 4.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -961.129+/-777.714 χ^2/NDF : 10.1/11

asym_atl1_dit_correction_rms vs Slug, Sign Corrected



Right In: 1356.917+/-0.678 χ^2/NDF : 1002673.4/4

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

Right Out: 1907.943+/-0.941 χ^2/NDF : 1346346.4/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

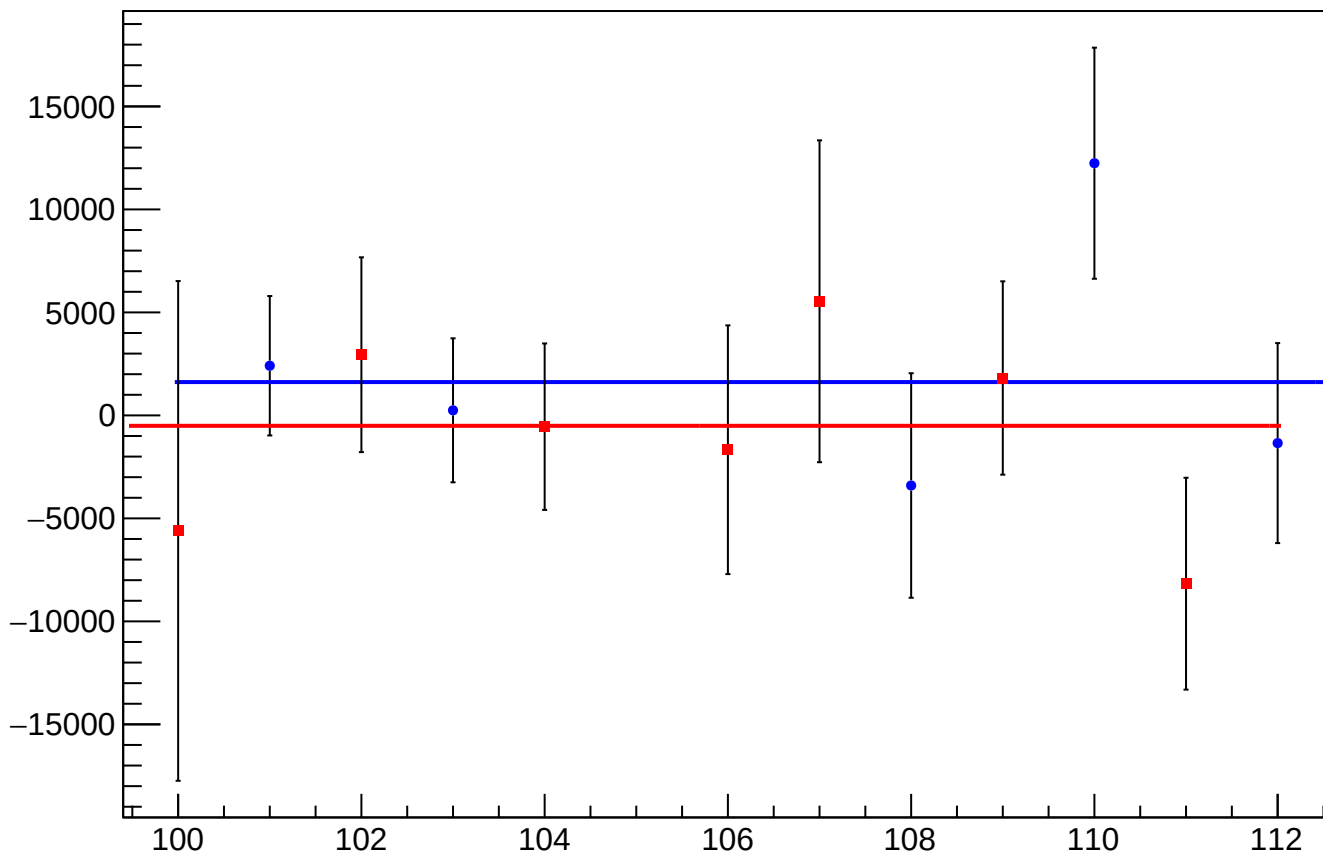
Right: 1545.099+/-0.550 χ^2/NDF : 2574801.7/11

In: 1356.917+/-0.678 χ^2/NDF : 1002673.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1545.099+/-0.550 χ^2/NDF : 2574801.7/11

eigen_dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1617.601 $\pm$ 1899.968 χ^2 /NDF: 5.0/4

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

Right Out: -506.602 $\pm$ 2042.102 χ^2 /NDF: 3.8/6

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

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

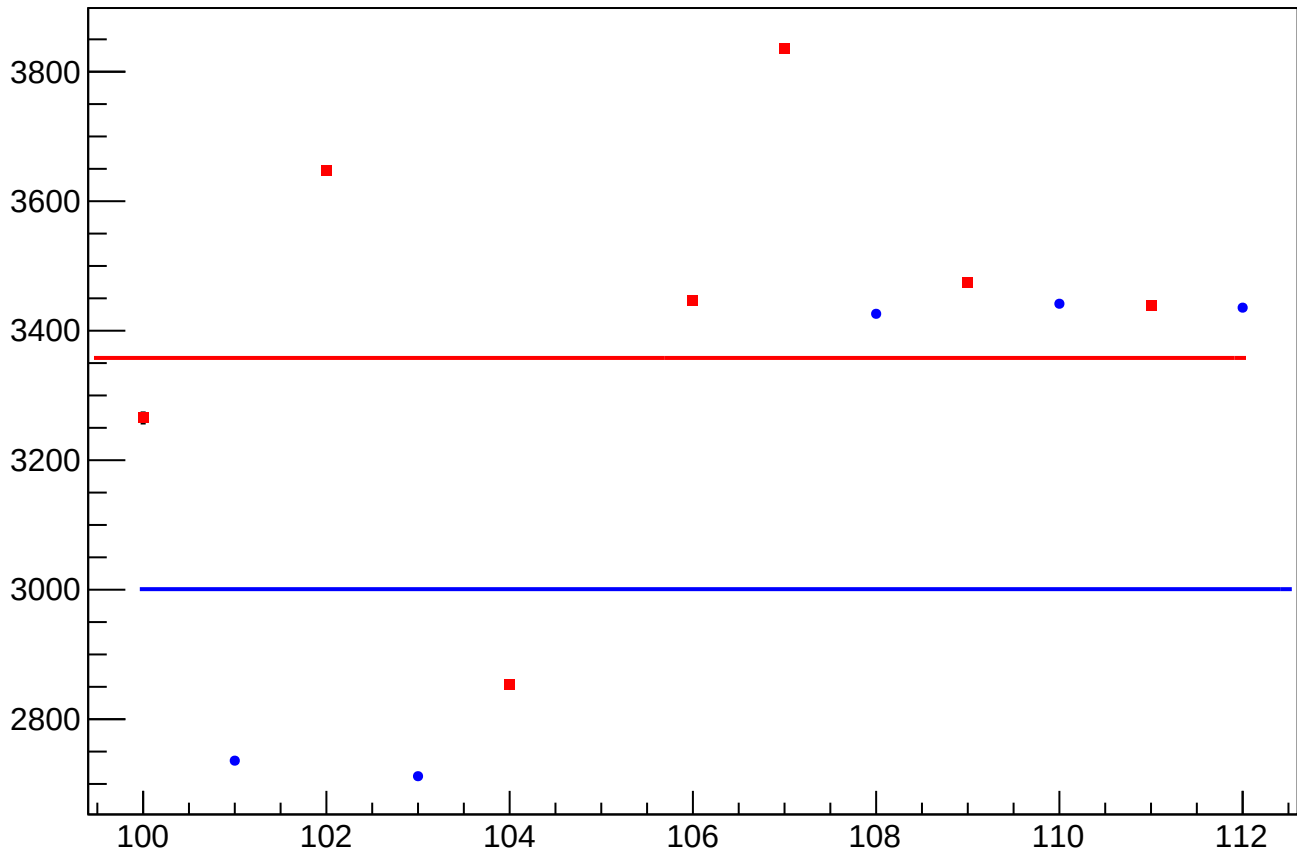
Right: 631.990 $\pm$ 1391.016 χ^2 /NDF: 9.4/11

In: 1617.601 $\pm$ 1899.968 χ^2 /NDF: 5.0/4

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

All: 631.990 $\pm$ 1391.016 χ^2 /NDF: 9.4/11

eigen_dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 3000.851+/-1.343 χ^2/NDF : 66474.3/4

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

Right Out: 3357.938+/-1.444 χ^2/NDF : 48521.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

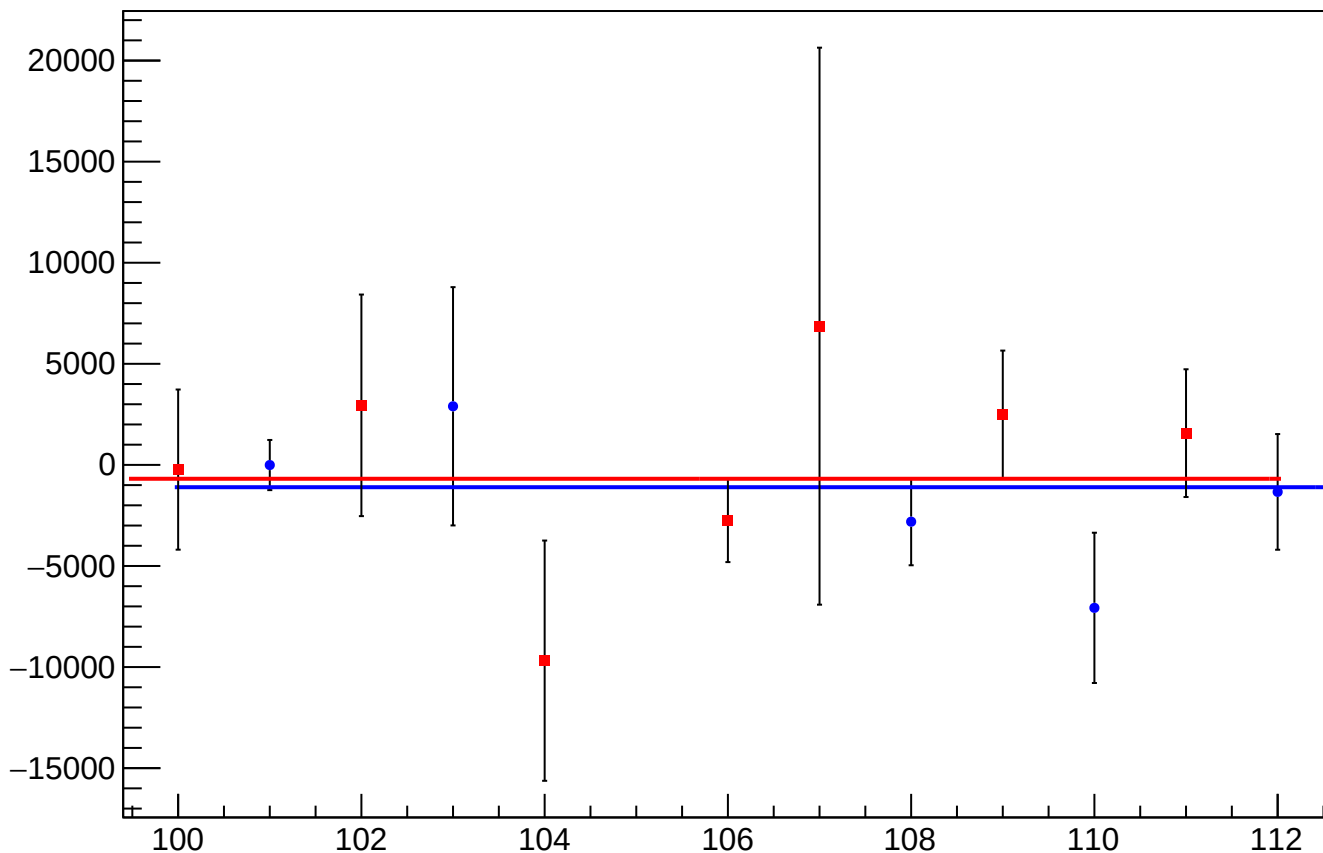
Right: 3166.536+/-0.984 χ^2/NDF : 147774.2/11

In: 3000.851+/-1.343 χ^2/NDF : 66474.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3166.536+/-0.984 χ^2/NDF : 147774.2/11

asym_atl1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1103.697+/-958.399 χ^2/NDF : 4.5/4

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

Right Out: -686.247+/-1330.811 χ^2/NDF : 5.6/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

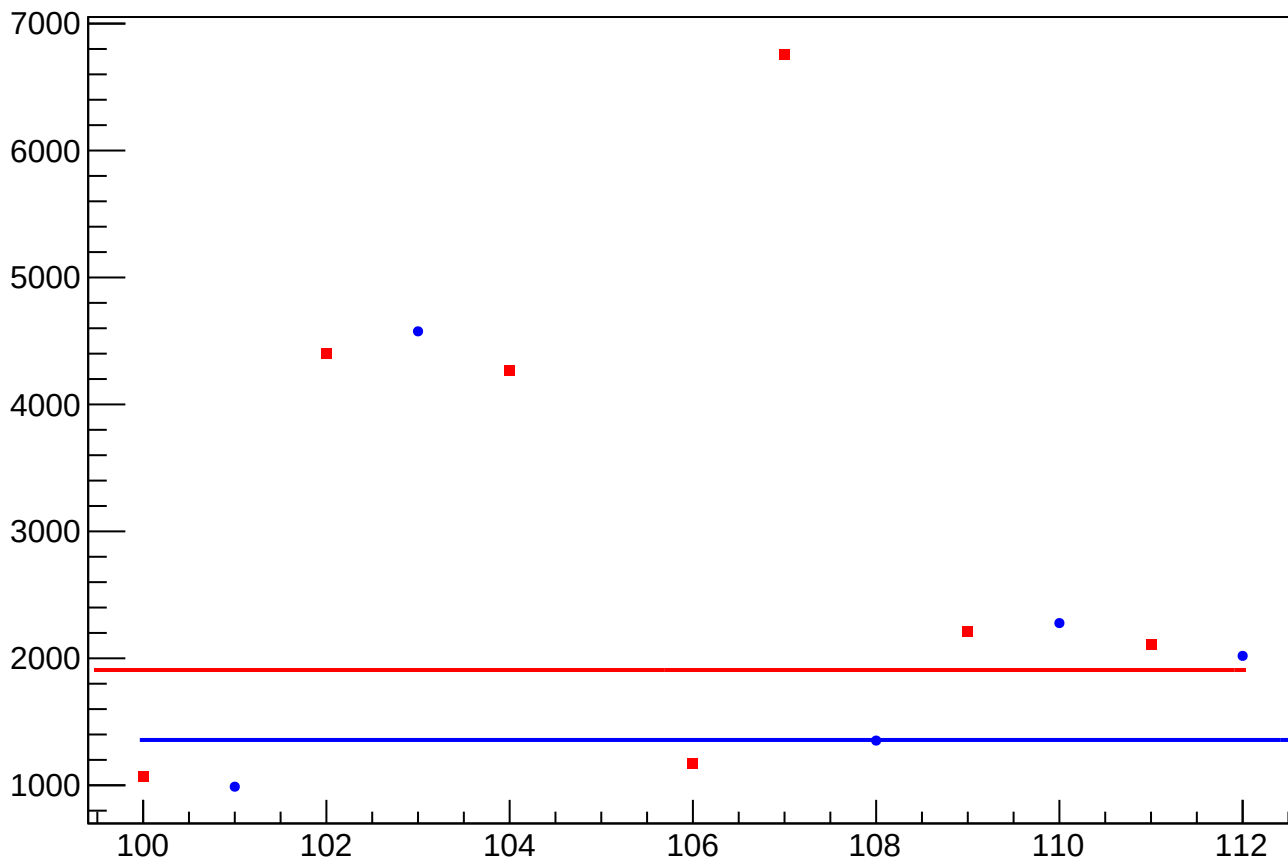
Right: -961.133+/-777.714 χ^2/NDF : 10.1/11

In: -1103.697+/-958.399 χ^2/NDF : 4.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -961.133+/-777.714 χ^2/NDF : 10.1/11

asym_atl1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1356.916+/-0.678 χ^2/NDF : 1002674.4/4

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

Right Out: 1907.941+/-0.941 χ^2/NDF : 1346349.8/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

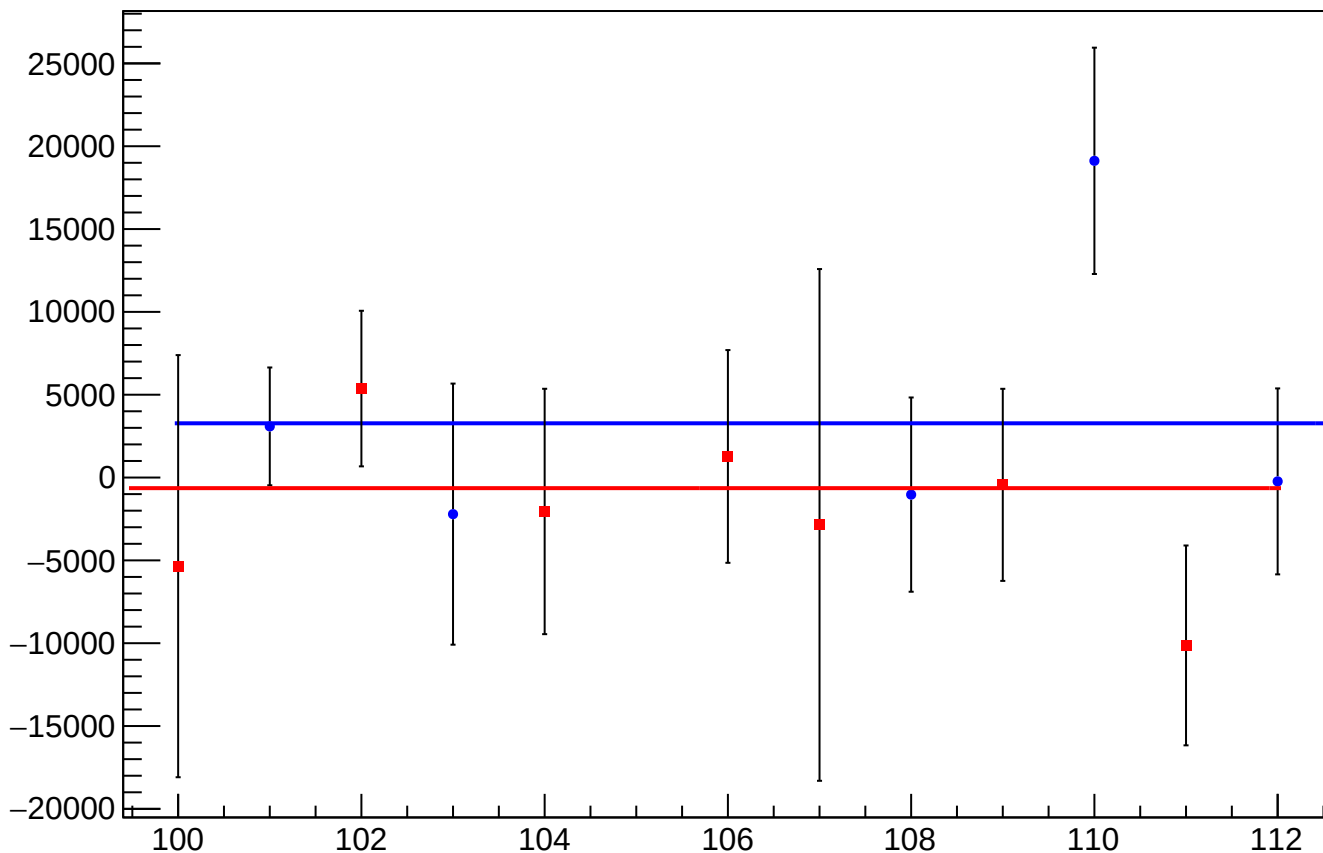
Right: 1545.098+/-0.550 χ^2/NDF : 2574805.0/11

In: 1356.916+/-0.678 χ^2/NDF : 1002674.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1545.098+/-0.550 χ^2/NDF : 2574805.0/11

asym_atl1_mean vs Slug, Sign Corrected



Right In: 3274.611+/-2373.858 χ^2/NDF : 6.8/4

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

Right Out: -640.039+/-2536.606 χ^2/NDF : 4.4/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

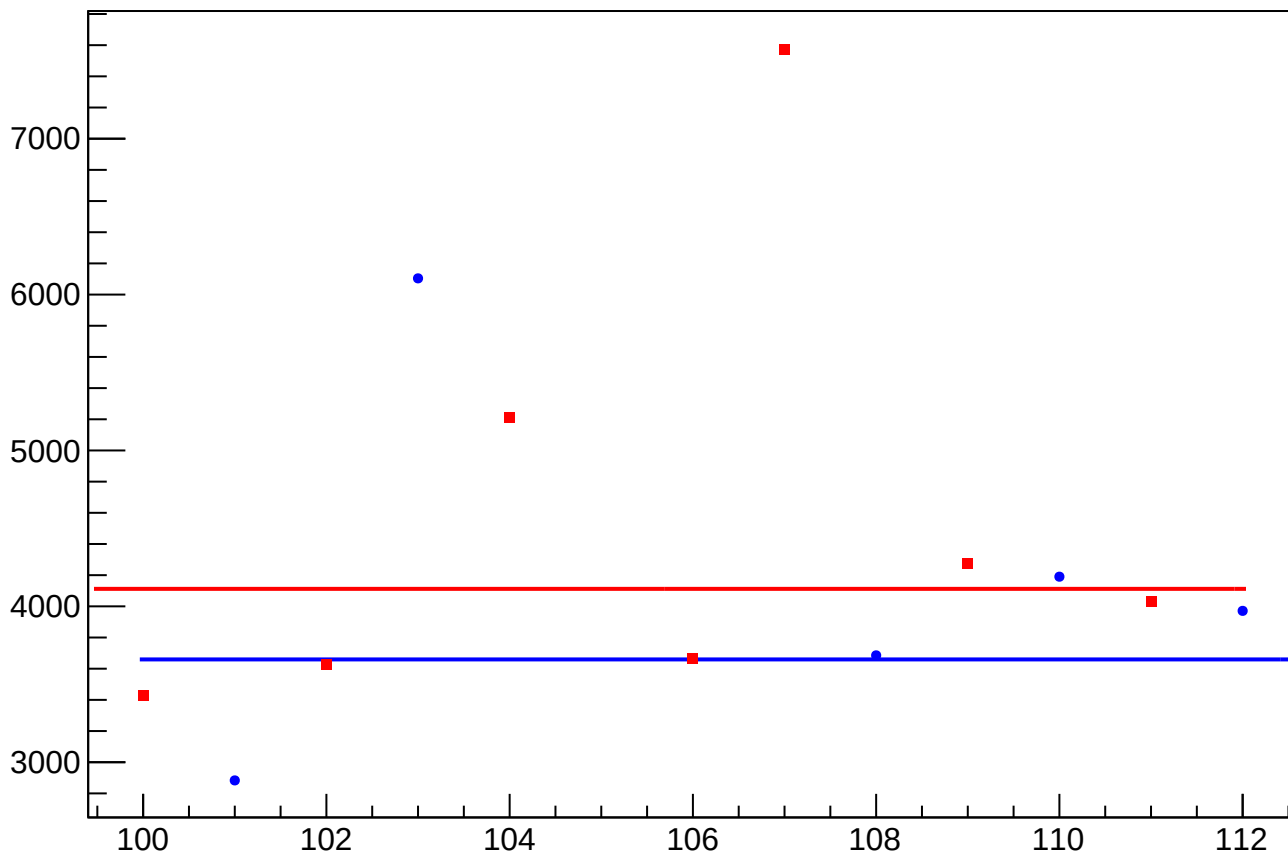
Right: 1446.887+/-1733.253 χ^2/NDF : 12.5/11

In: 3274.611+/-2373.858 χ^2/NDF : 6.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1446.887+/-1733.253 χ^2/NDF : 12.5/11

asym_atl1_rms vs Slug, Sign Corrected



Right In: 3659.454+/-1.679 χ^2/NDF : 306024.2/4

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

Right Out: 4112.153+/-1.794 χ^2/NDF : 183344.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

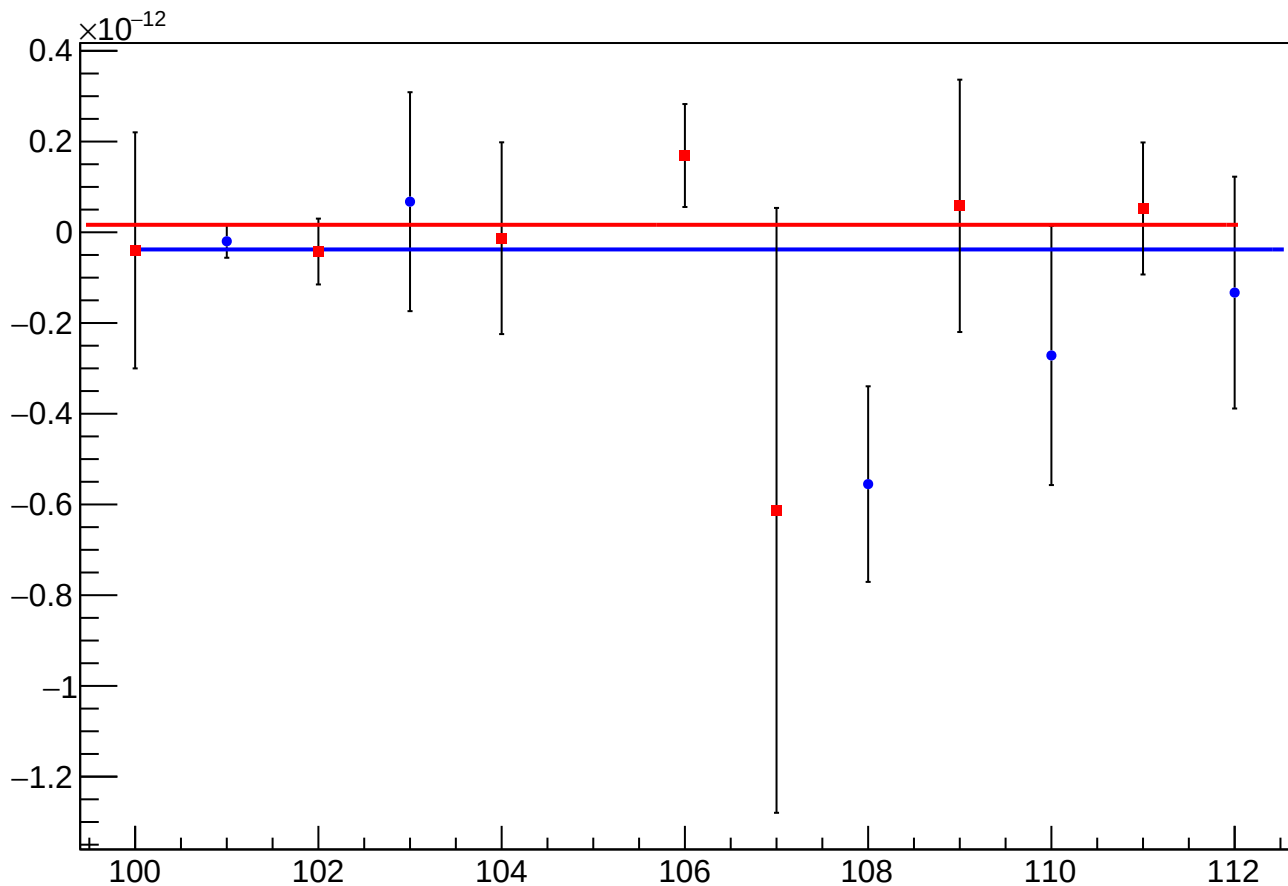
Right: 3870.816+/-1.226 χ^2/NDF : 523327.3/11

In: 3659.454+/-1.679 χ^2/NDF : 306024.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3870.816+/-1.226 χ^2/NDF : 523327.3/11

asym_atl1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 7.0/4

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

Right Out: 0.000+/-0.000 χ^2 /NDF: 3.5/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

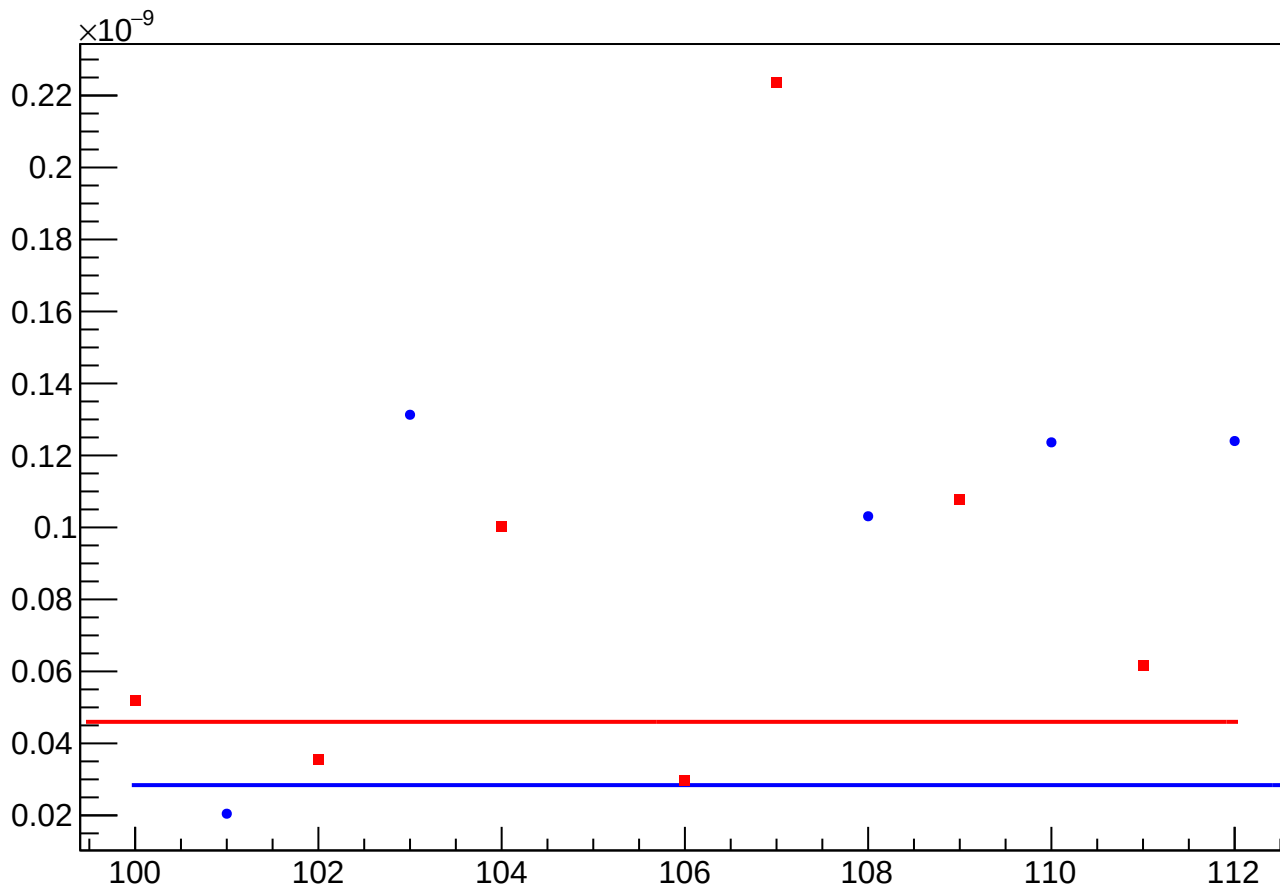
Right: -0.000+/-0.000 χ^2 /NDF: 11.3/11

In: -0.000+/-0.000 χ^2 /NDF:7.0/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 11.3/11

asym_atl1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1201160.9/4

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

Right Out: 0.000+/-0.000 χ^2/NDF : 477481.0/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

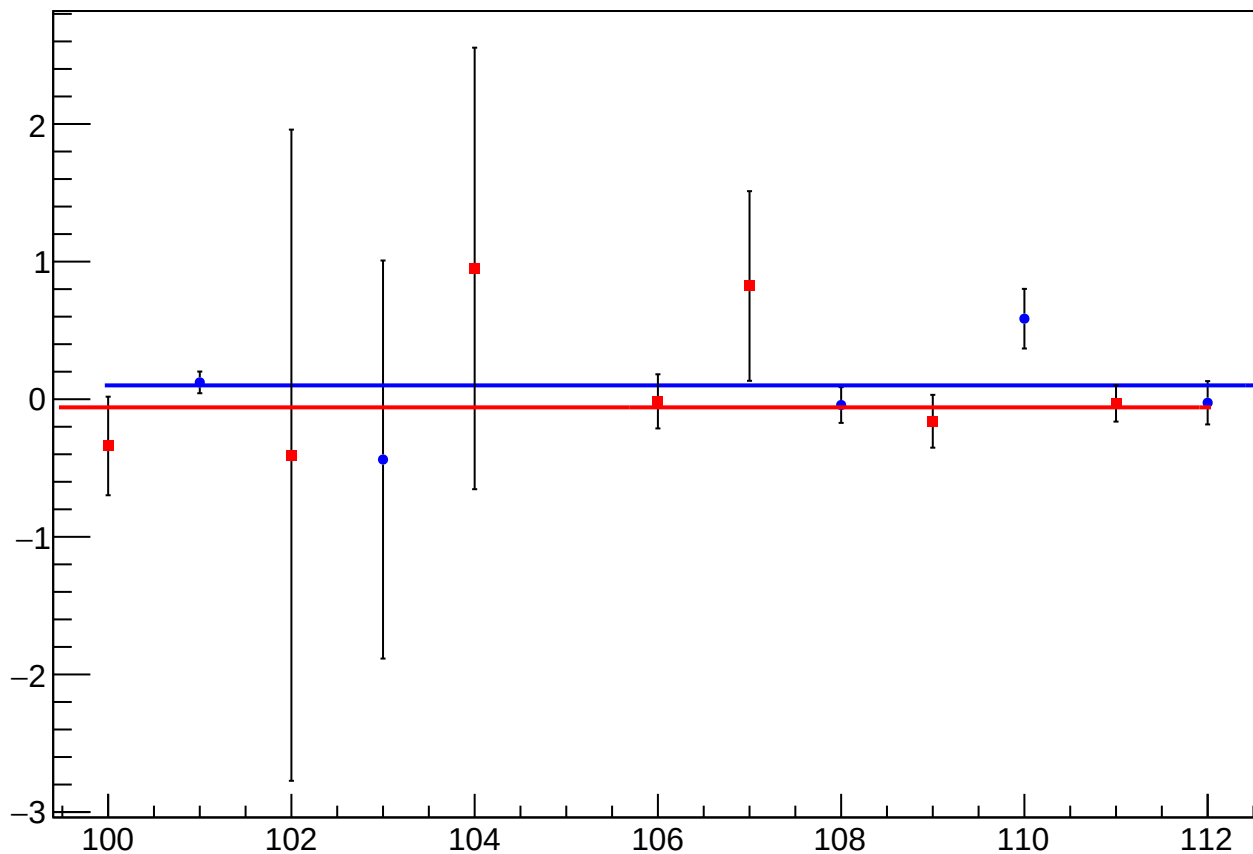
Right: 0.000+/-0.000 χ^2/NDF : 1835522.6/11

In: 0.000+/-0.000 χ^2/NDF : 1201160.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1835522.6/11

asym_atl1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.101 $\pm$ 0.059 χ^2 /NDF: 7.1/4

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

Right Out: -0.059 $\pm$ 0.091 χ^2 /NDF: 3.0/6

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

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

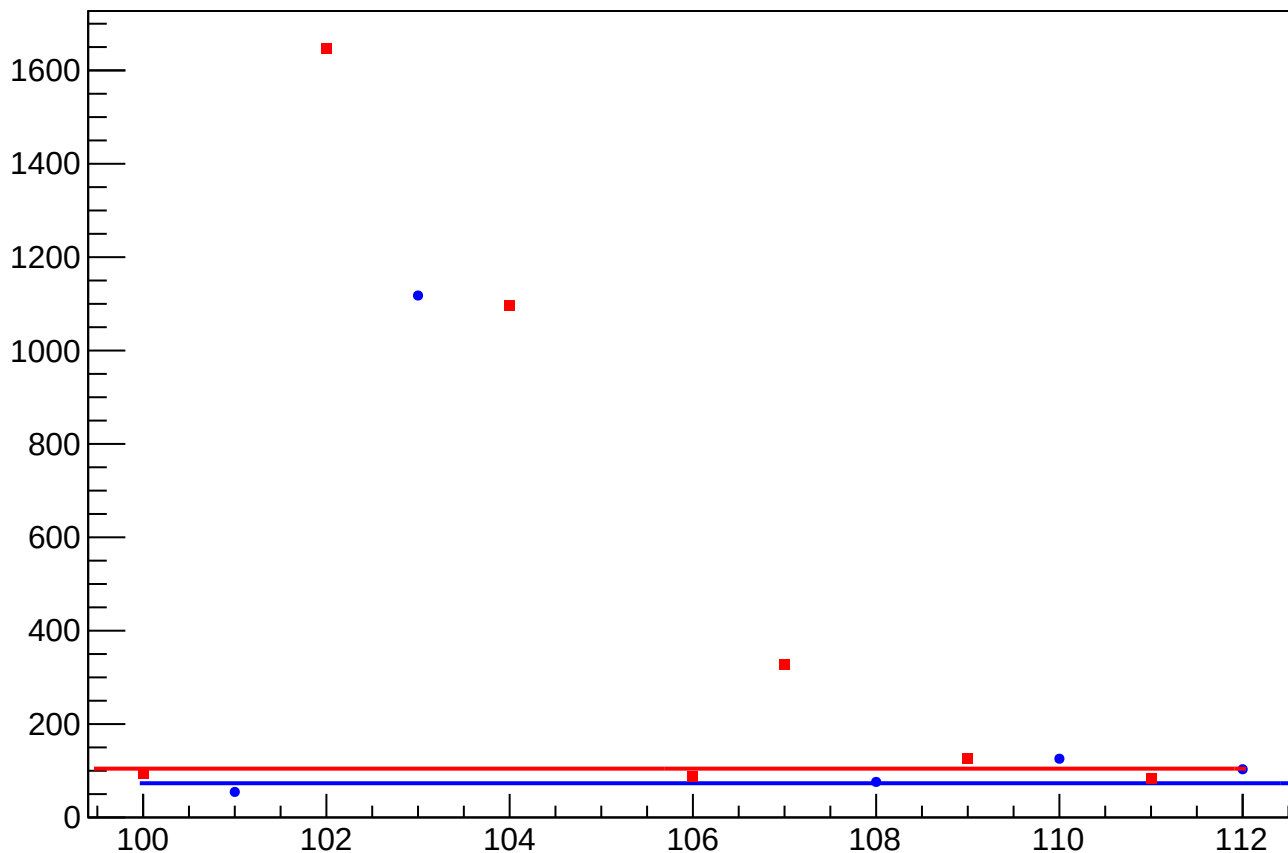
Right: 0.053 $\pm$ 0.050 χ^2 /NDF: 12.3/11

In: 0.101 $\pm$ 0.059 χ^2 /NDF:7.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.053 $\pm$ 0.050 χ^2 /NDF: 12.3/11

asym_atl1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.285+/-0.042 χ^2/NDF : 1345277.1/4

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

Right Out: 104.556+/-0.064 χ^2/NDF : 1909941.6/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

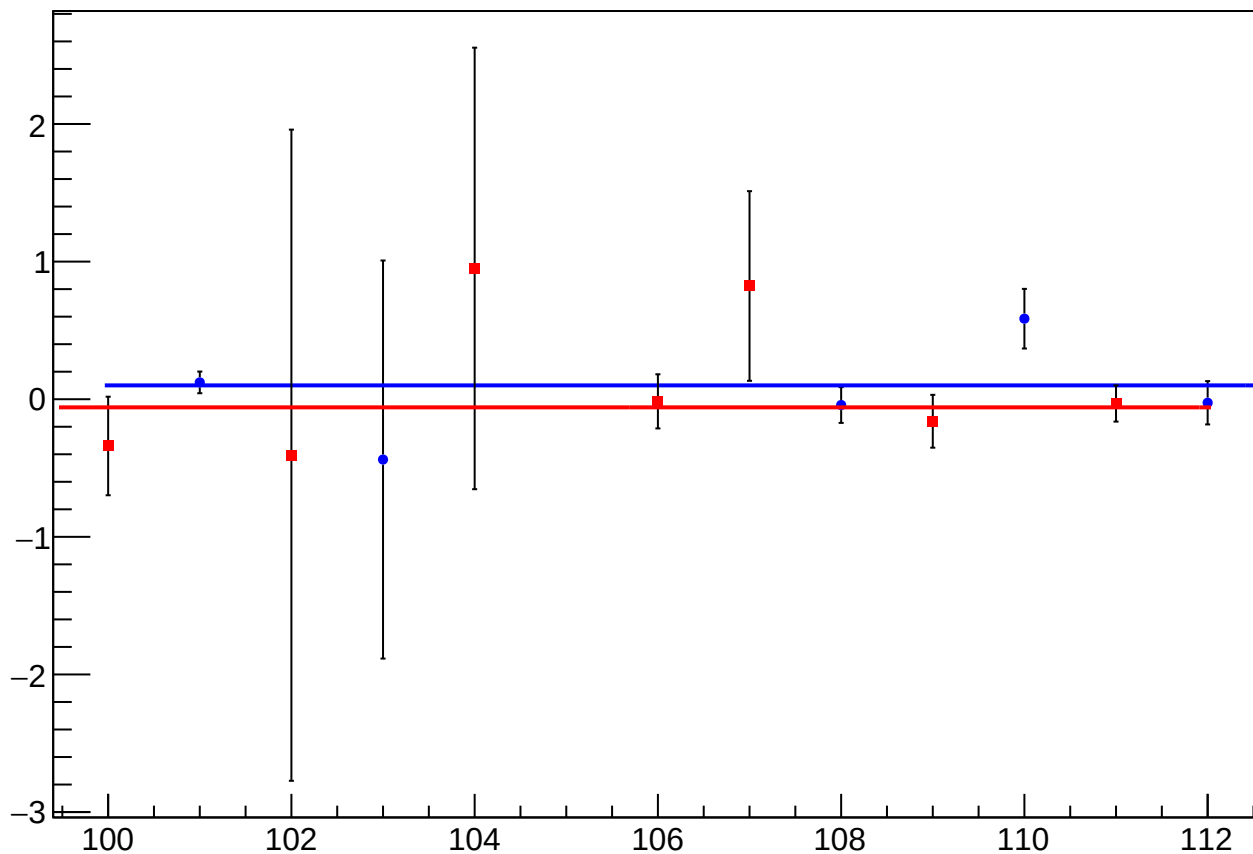
Right: 82.674+/-0.035 χ^2/NDF : 3421128.2/11

In: 73.285+/-0.042 χ^2/NDF : 1345277.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.674+/-0.035 χ^2/NDF : 3421128.2/11

asym_atl1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.101 $\pm$ 0.059 χ^2 /NDF: 7.1/4

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

Right Out: -0.059 $\pm$ 0.091 χ^2 /NDF: 3.0/6

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

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

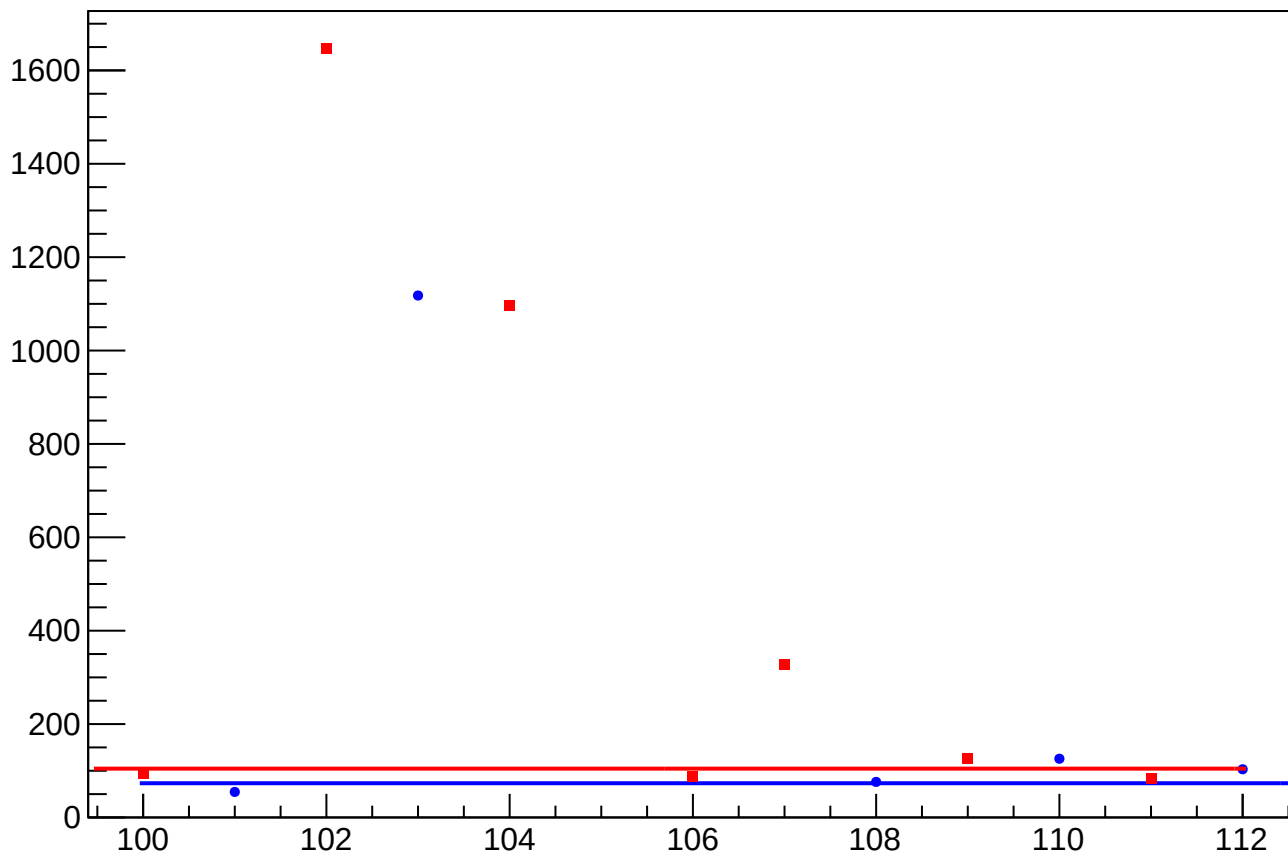
Right: 0.053 $\pm$ 0.050 χ^2 /NDF: 12.3/11

In: 0.101 $\pm$ 0.059 χ^2 /NDF:7.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.053 $\pm$ 0.050 χ^2 /NDF: 12.3/11

asym_atl1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.285+/-0.042 χ^2/NDF : 1345277.1/4

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

Right Out: 104.556+/-0.064 χ^2/NDF : 1909941.6/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

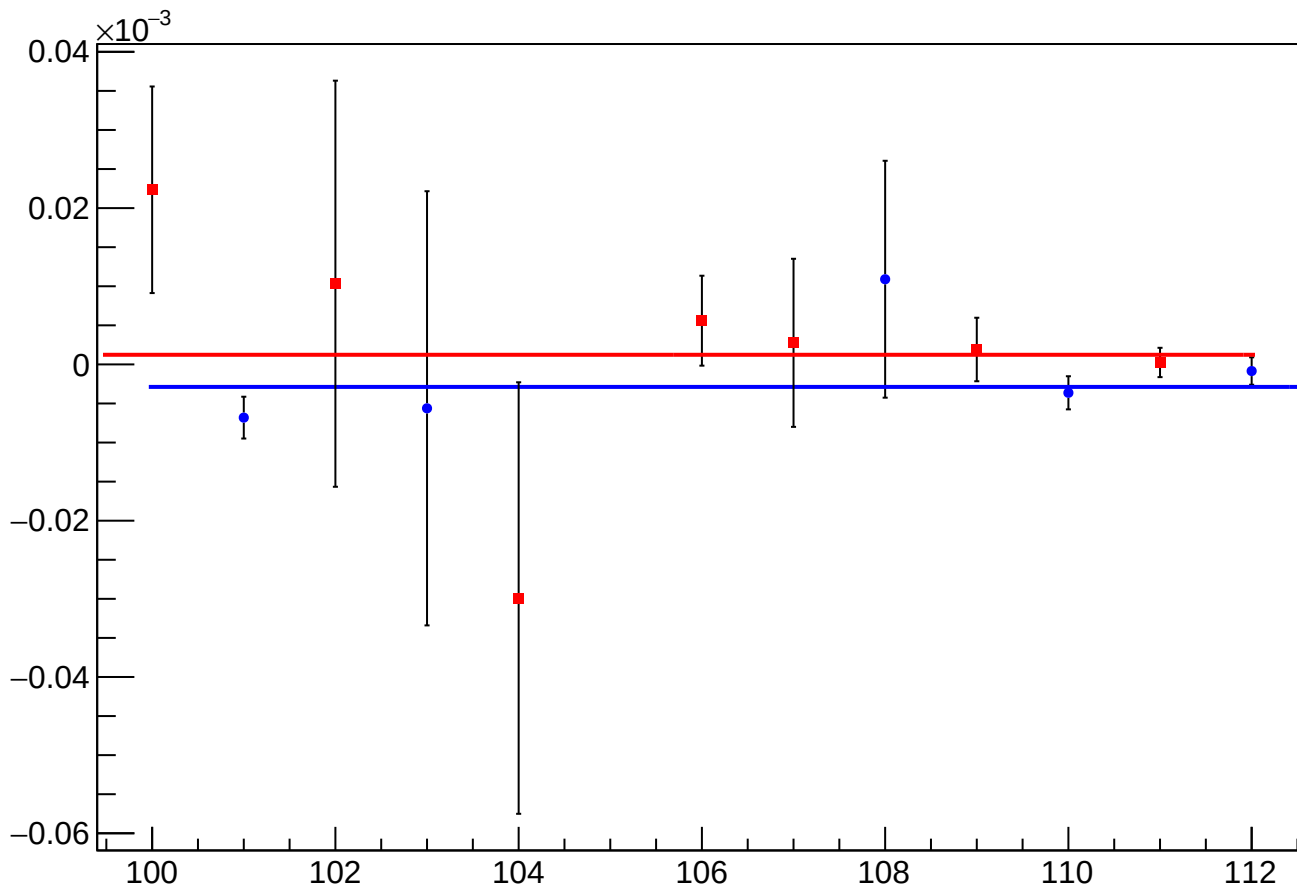
Right: 82.674+/-0.035 χ^2/NDF : 3421128.2/11

In: 73.285+/-0.042 χ^2/NDF : 1345277.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.674+/-0.035 χ^2/NDF : 3421128.2/11

asym_atl1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.5/4

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

Right Out: 0.000+/-0.000 χ^2/NDF : 4.8/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

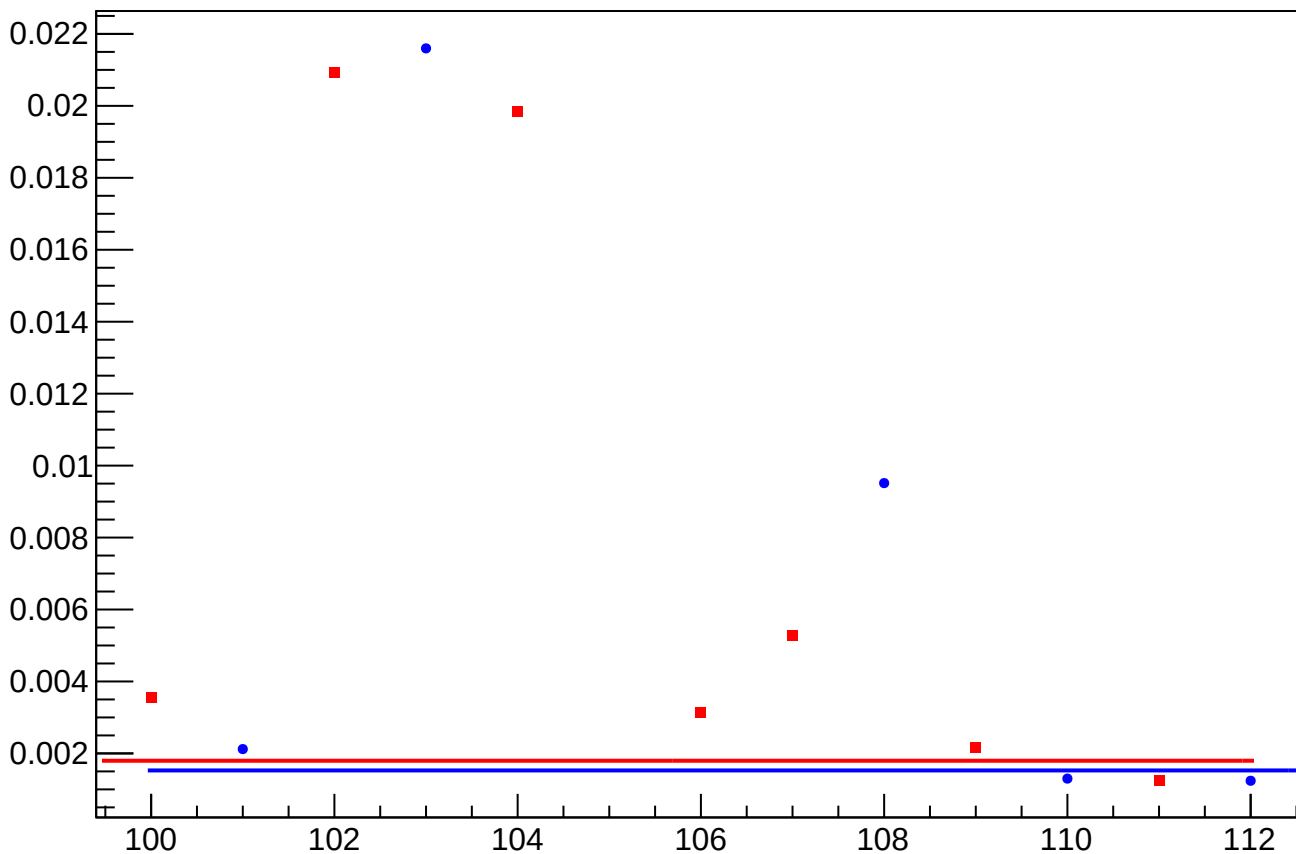
Right: -0.000+/-0.000 χ^2/NDF : 13.5/11

In: -0.000+/-0.000 χ^2/NDF : 4.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.5/11

asym_atl1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1774265.4/4

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

Right Out: 0.002+/-0.000 χ^2/NDF : 2473239.9/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

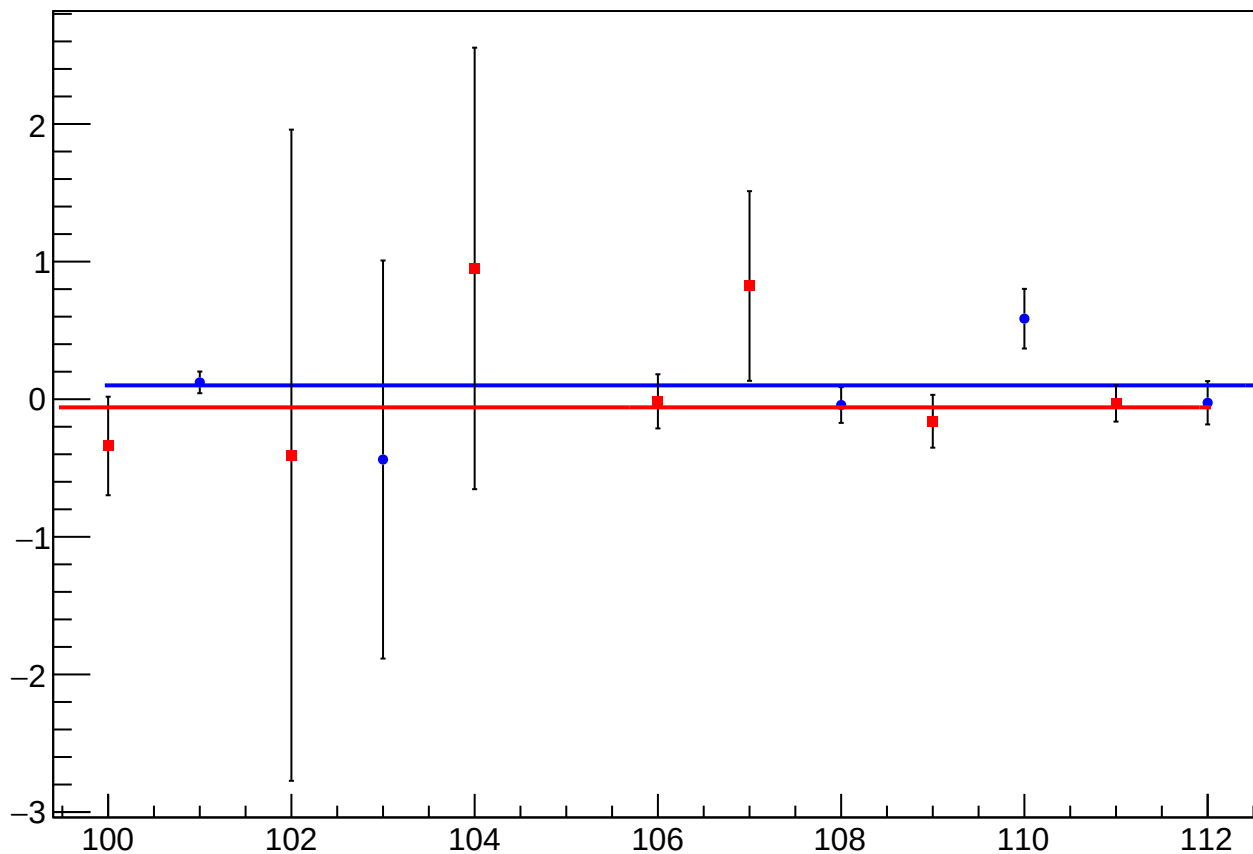
Right: 0.002+/-0.000 χ^2/NDF : 4283988.2/11

In: 0.002+/-0.000 χ^2/NDF : 1774265.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4283988.2/11

asym_atl1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.101 $\pm$ 0.059 χ^2 /NDF: 7.1/4

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

Right Out: -0.059 $\pm$ 0.091 χ^2 /NDF: 3.0/6

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

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

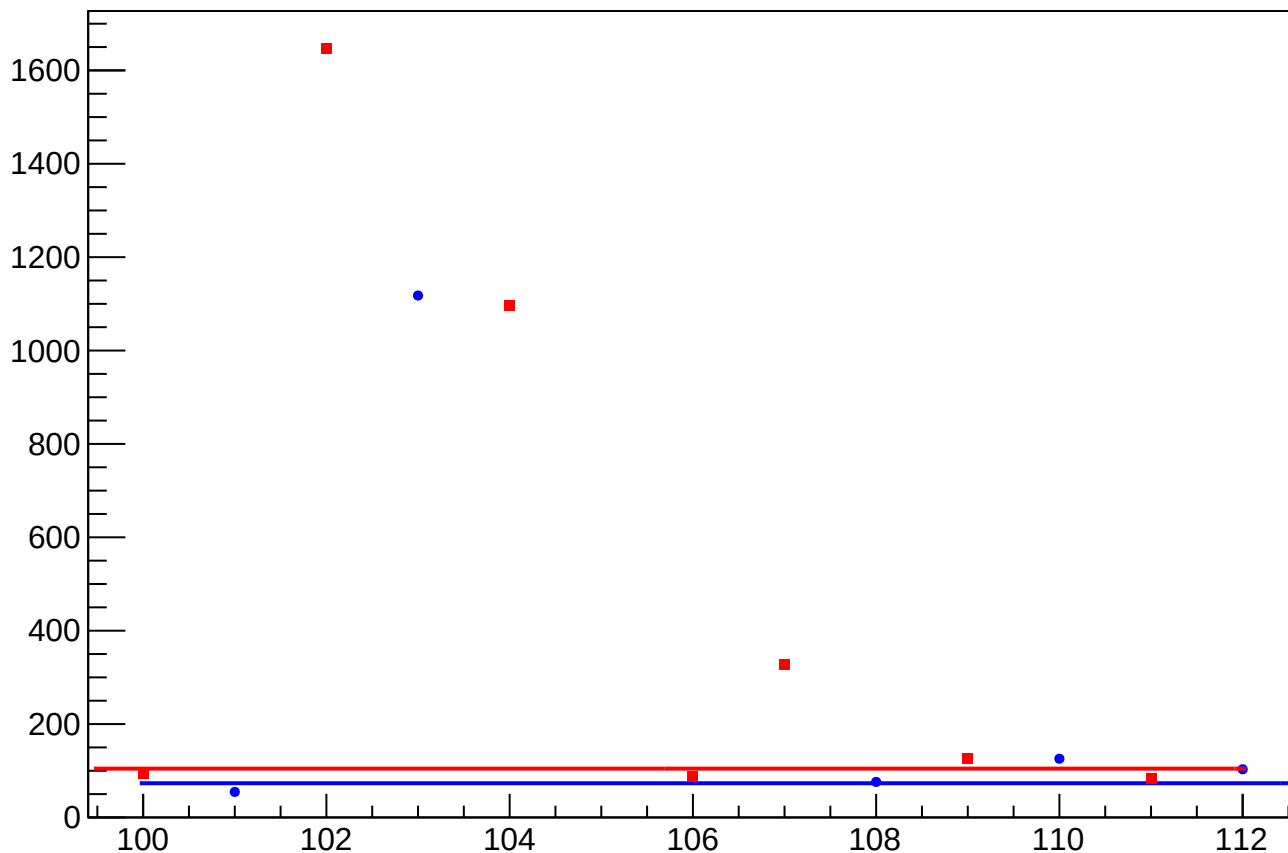
Right: 0.053 $\pm$ 0.050 χ^2 /NDF: 12.3/11

In: 0.101 $\pm$ 0.059 χ^2 /NDF:7.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.053 $\pm$ 0.050 χ^2 /NDF: 12.3/11

asym_atl1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.285+/-0.042 χ^2/NDF : 1345288.7/4

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

Right Out: 104.556+/-0.064 χ^2/NDF : 1909937.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

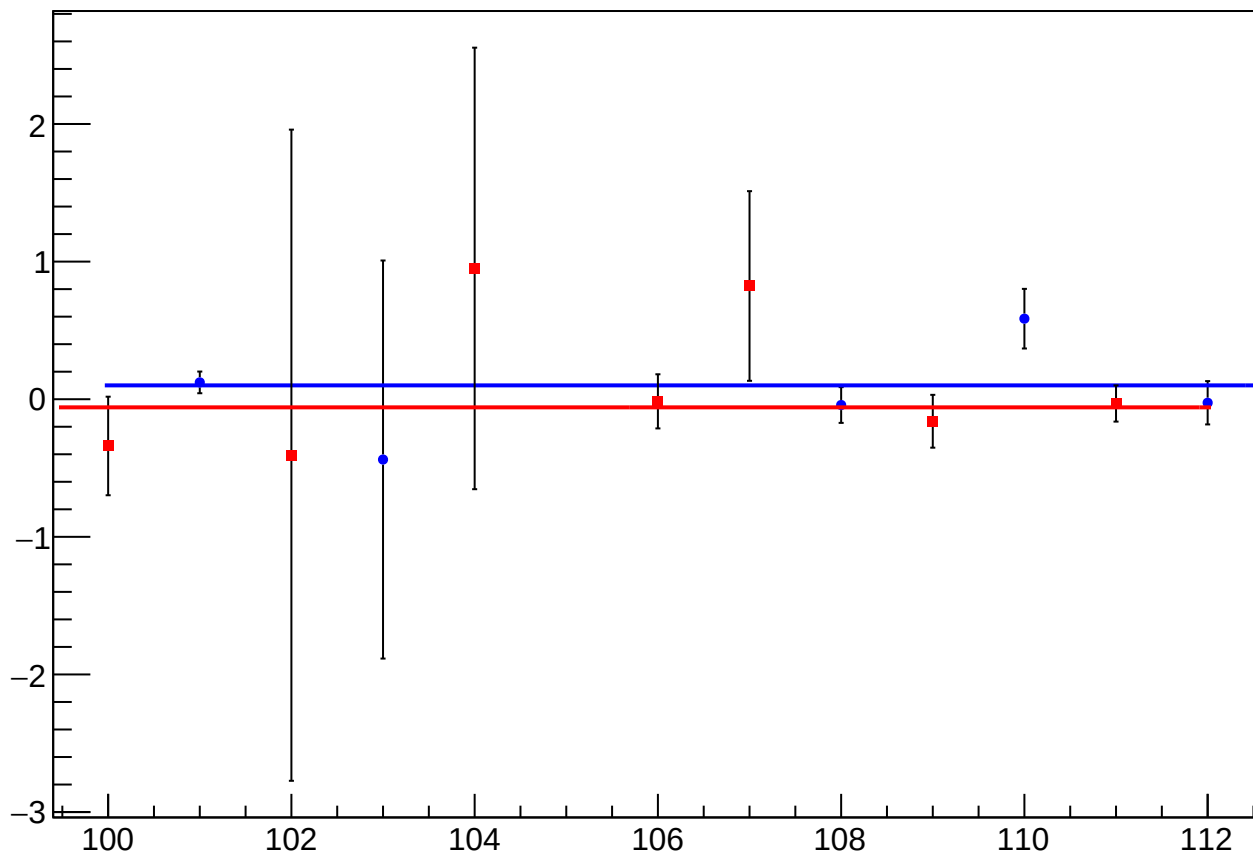
Right: 82.674+/-0.035 χ^2/NDF : 3421125.8/11

In: 73.285+/-0.042 χ^2/NDF : 1345288.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.674+/-0.035 χ^2/NDF : 3421125.8/11

asym_atl1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.101 $\pm$ 0.059 χ^2 /NDF: 7.1/4

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

Right Out: -0.059 $\pm$ 0.091 χ^2 /NDF: 3.0/6

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

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

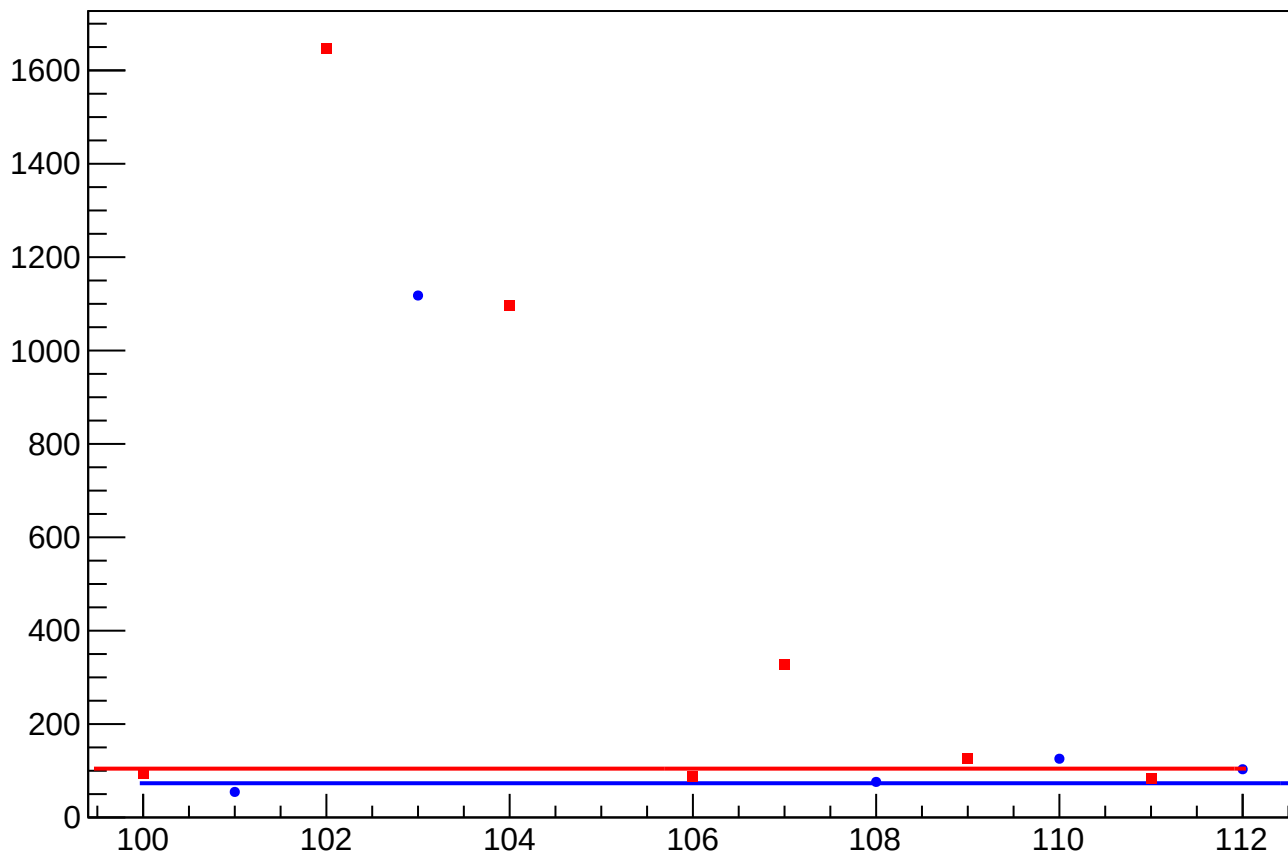
Right: 0.053 $\pm$ 0.050 χ^2 /NDF: 12.3/11

In: 0.101 $\pm$ 0.059 χ^2 /NDF: 7.1/4

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

All: 0.053 $\pm$ 0.050 χ^2 /NDF: 12.3/11

asym_atl1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.285+/-0.042 χ^2/NDF : 1345288.7/4

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

Right Out: 104.556+/-0.064 χ^2/NDF : 1909937.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

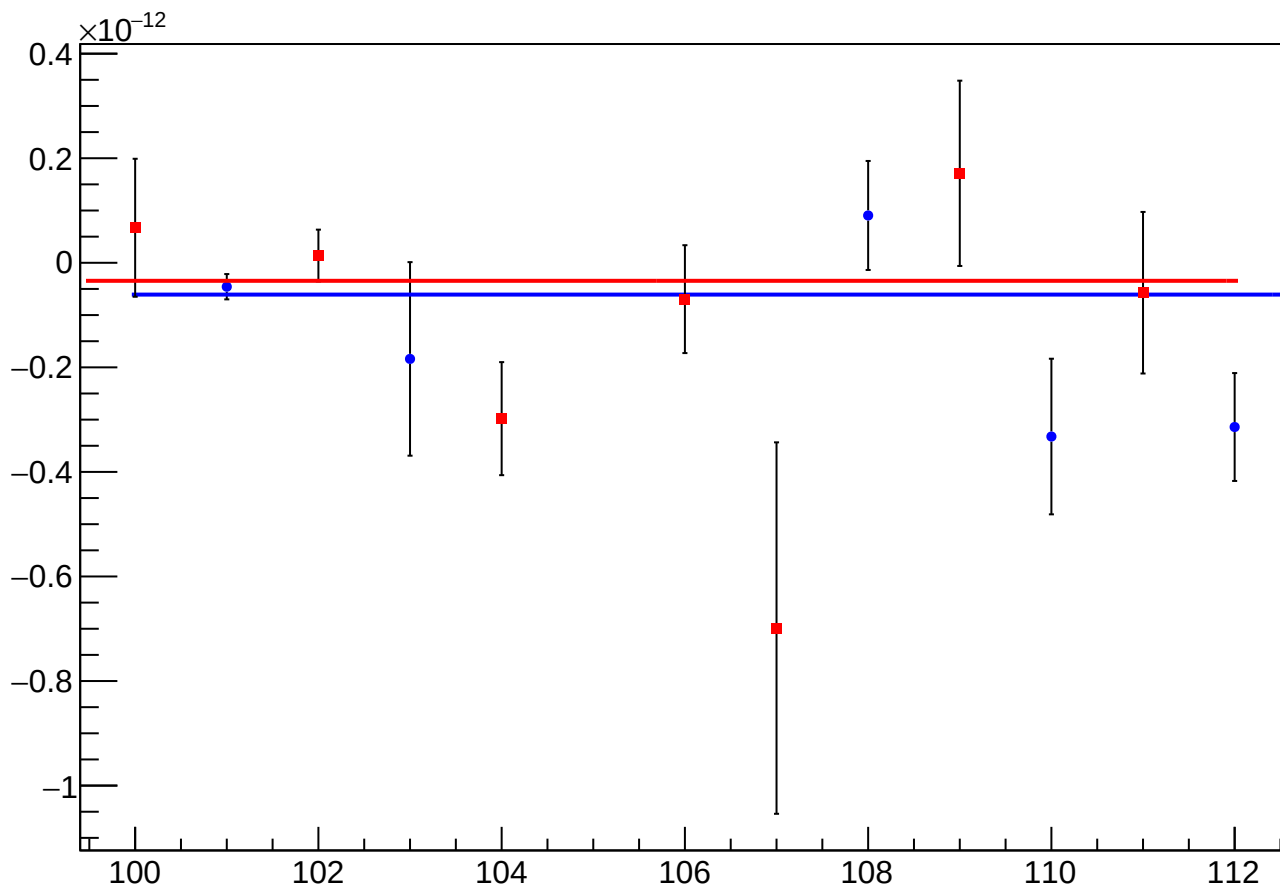
Right: 82.674+/-0.035 χ^2/NDF : 3421125.8/11

In: 73.285+/-0.042 χ^2/NDF : 1345288.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.674+/-0.035 χ^2/NDF : 3421125.8/11

asym_atl1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.3/4

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

Right Out: -0.000+/-0.000 χ^2/NDF : 12.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

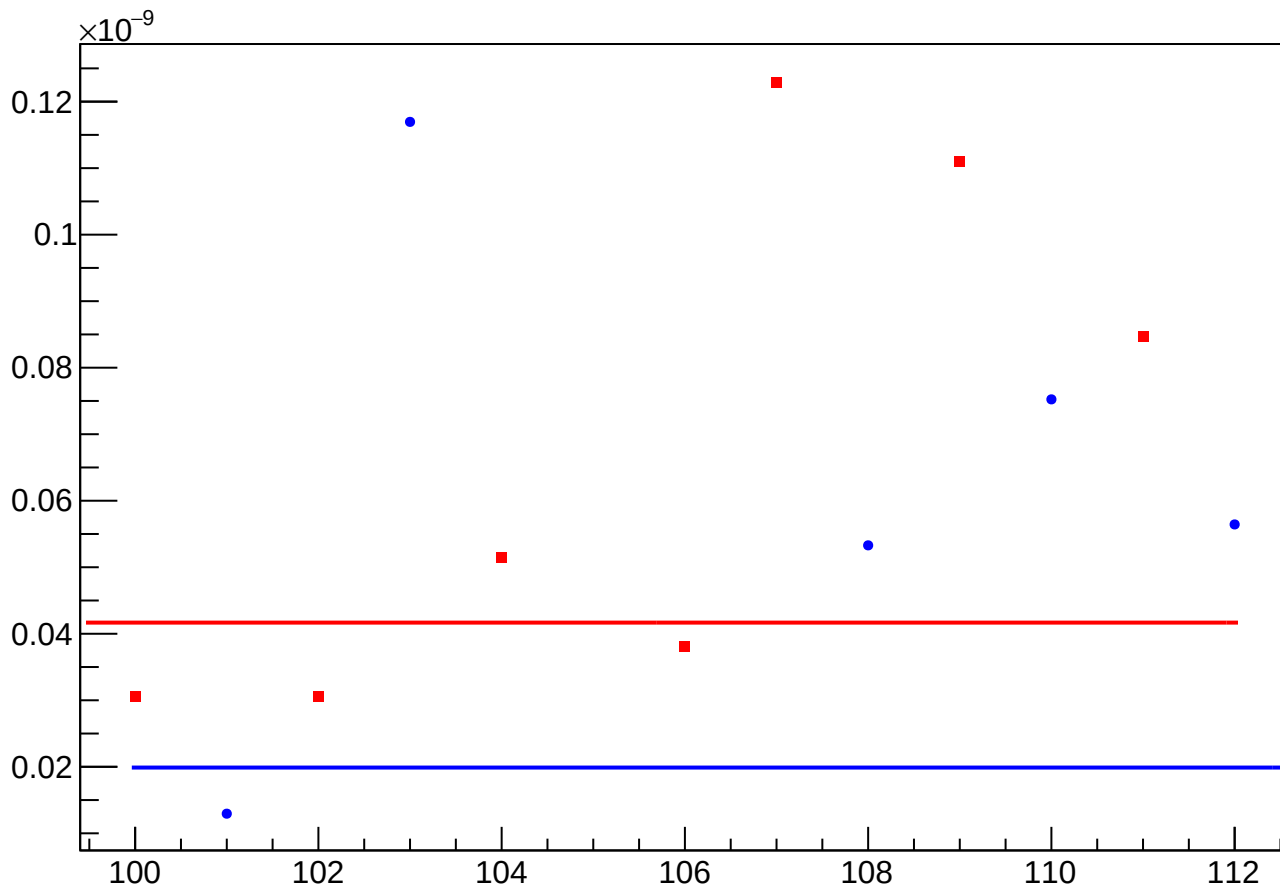
Right: -0.000+/-0.000 χ^2/NDF : 25.1/11

In: -0.000+/-0.000 χ^2/NDF : 12.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.1/11

asym_atl1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1447100.3/4

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

Right Out: 0.000+/-0.000 χ^2/NDF : 698403.0/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

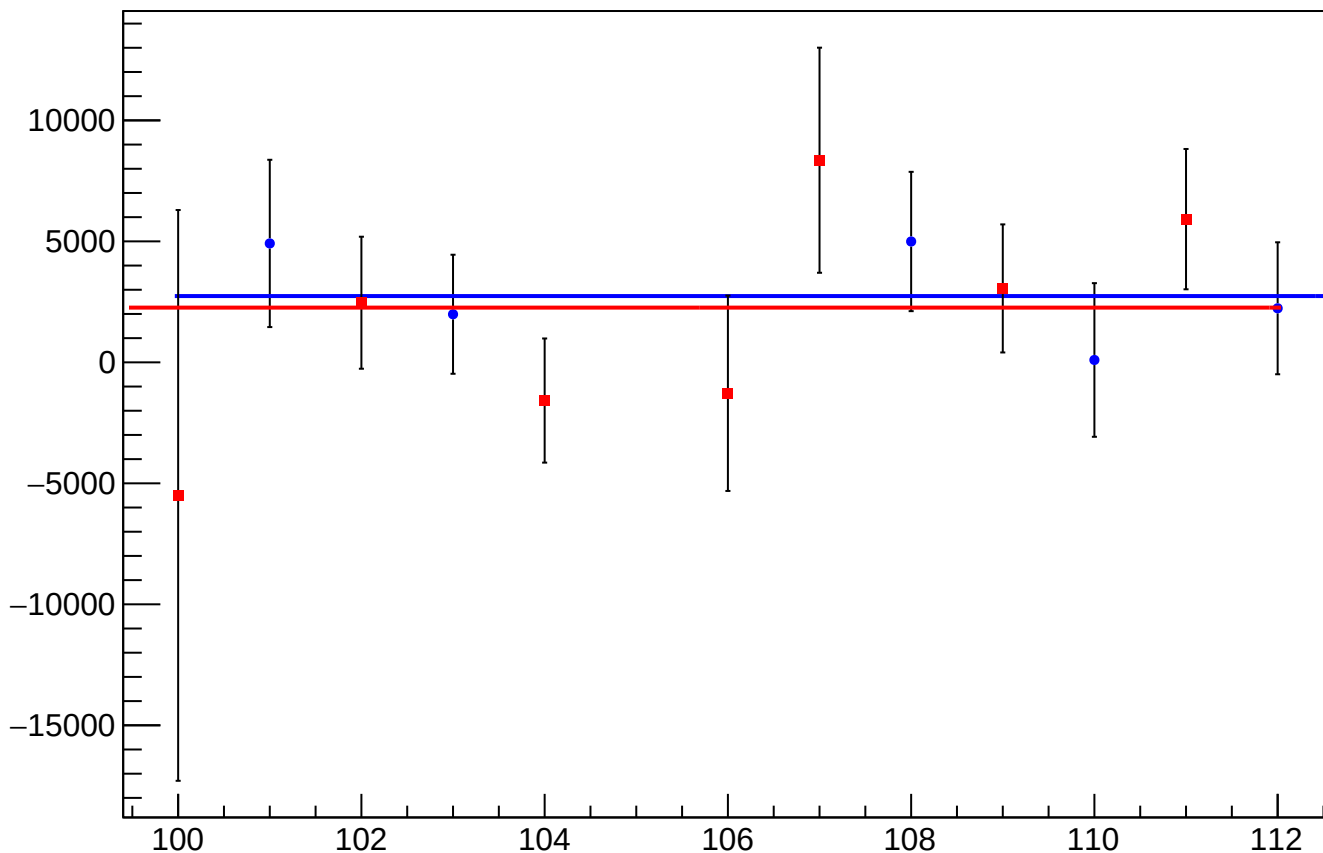
Right: 0.000+/-0.000 χ^2/NDF : 2649081.4/11

In: 0.000+/-0.000 χ^2/NDF : 1447100.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2649081.4/11

reg_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2739.399+/-1287.446 χ^2/NDF : 1.8/4

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

Right Out: 2262.172+/-1228.282 χ^2/NDF : 6.8/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

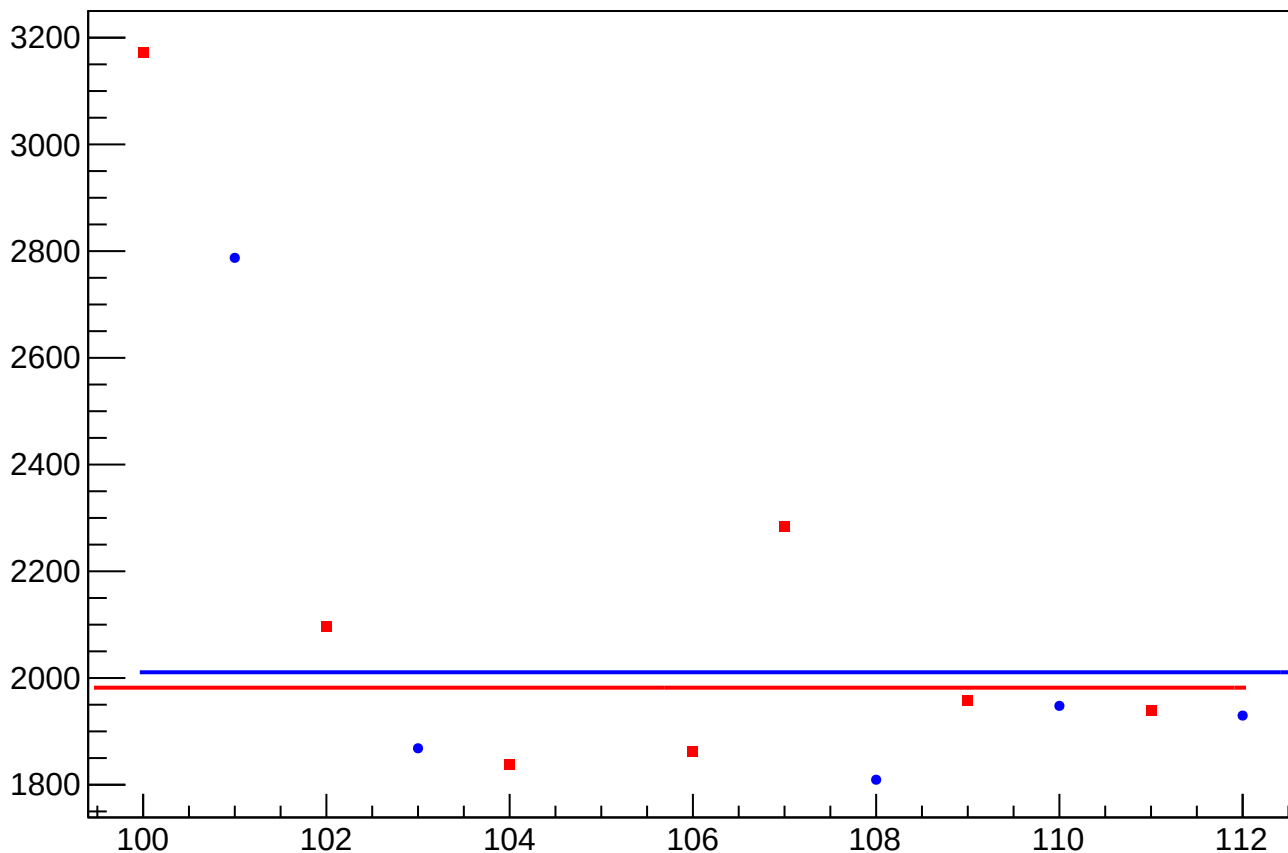
Right: 2489.569+/-888.707 χ^2/NDF : 8.7/11

In: 2739.399+/-1287.446 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2489.569+/-888.707 χ^2/NDF : 8.7/11

reg_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2010.782+/-0.910 χ^2/NDF : 119996.4/4

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

Right Out: 1981.930+/-0.869 χ^2/NDF : 40993.2/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

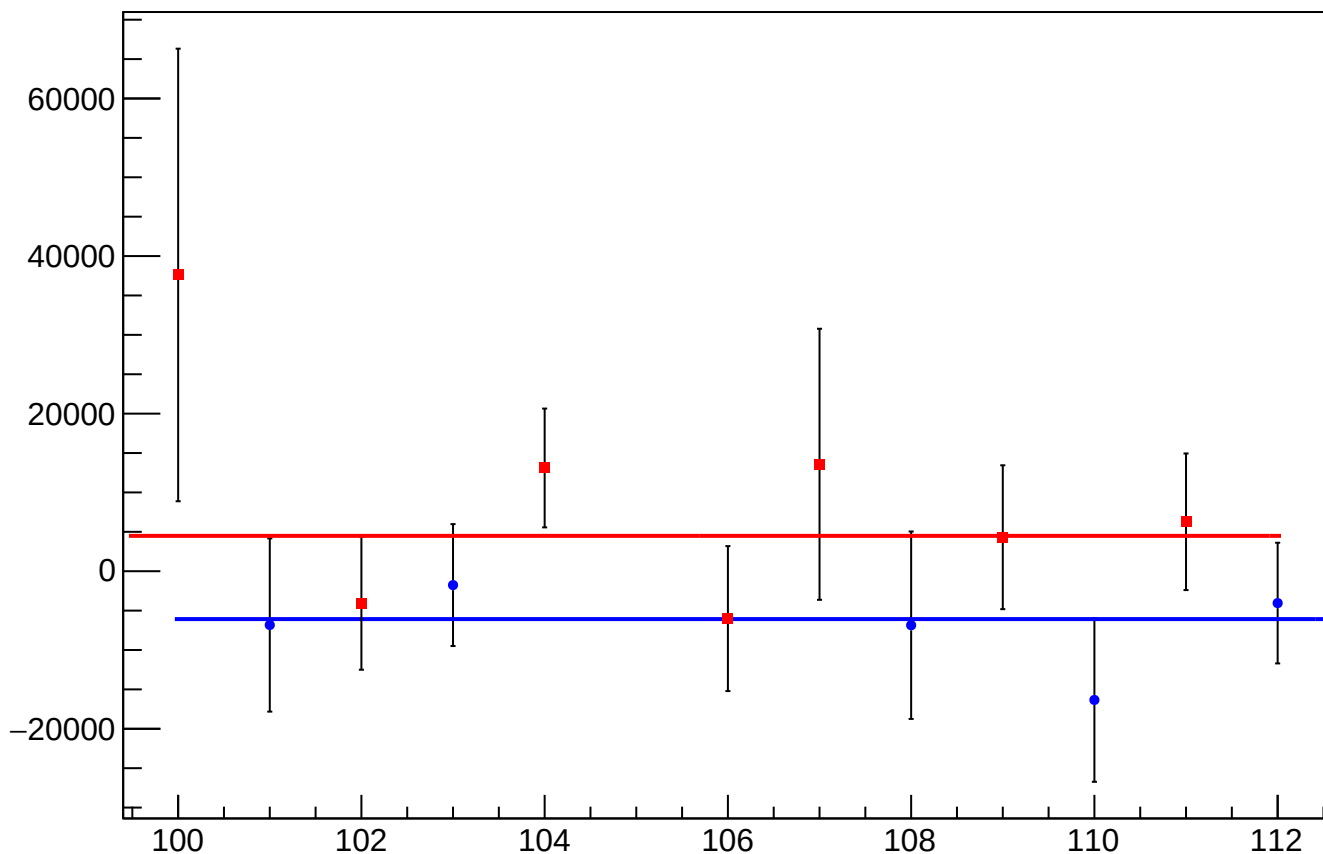
Right: 1995.678+/-0.628 χ^2/NDF : 161515.6/11

In: 2010.782+/-0.910 χ^2/NDF : 119996.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1995.678+/-0.628 χ^2/NDF : 161515.6/11

asym_atl2_reg_correction_mean vs Slug, Sign Corrected



Right In: -6077.716+/-4139.401 χ^2/NDF : 1.4/4

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

Right Out: 4488.061+/-3692.759 χ^2/NDF : 5.3/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

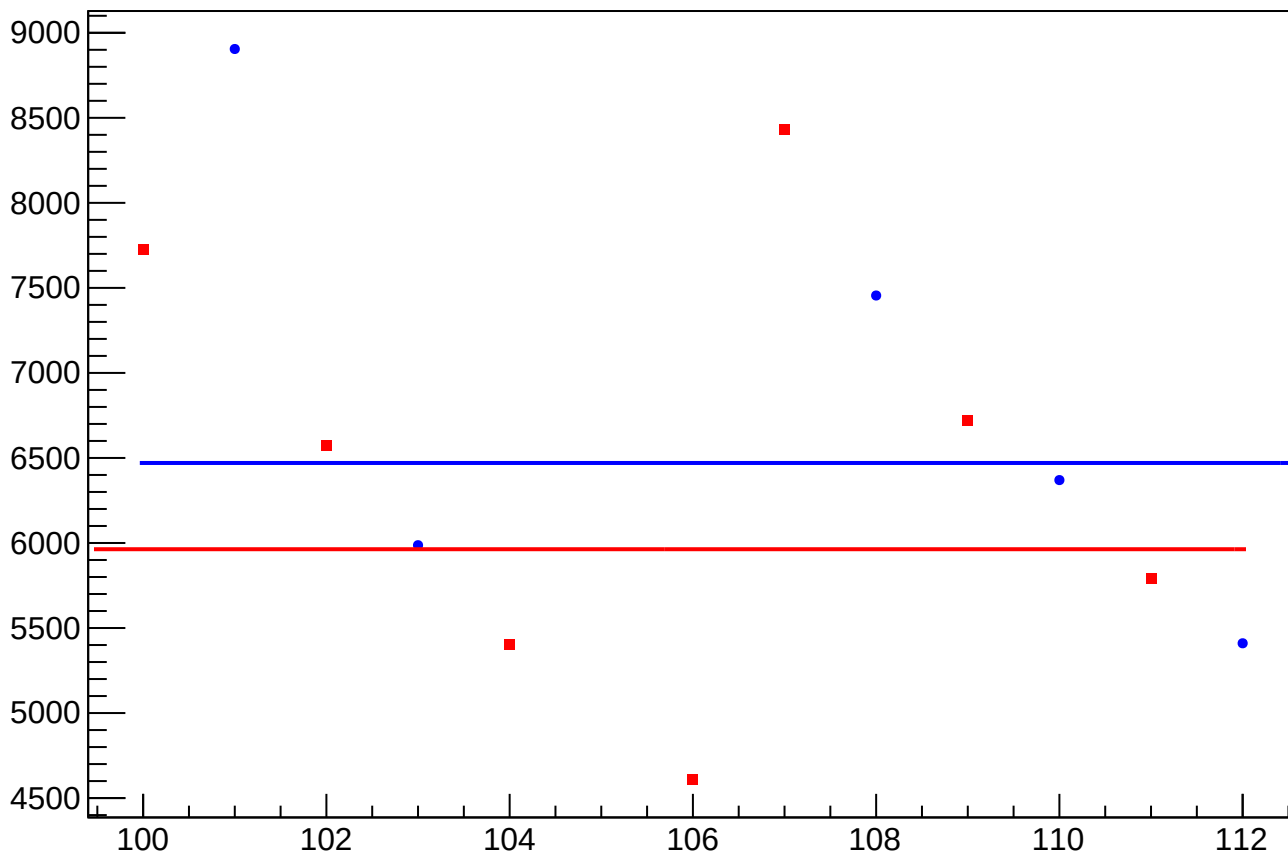
Right: -194.250+/-2755.605 χ^2/NDF : 10.3/11

In: -6077.716+/-4139.401 χ^2/NDF : 1.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -194.250+/-2755.605 χ^2/NDF : 10.3/11

asym_atl2_reg_correction_rms vs Slug, Sign Corrected



Right In: 6470.495+/-2.927 χ^2/NDF : 158059.6/4

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

Right Out: 5963.335+/-2.611 χ^2/NDF : 128285.6/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

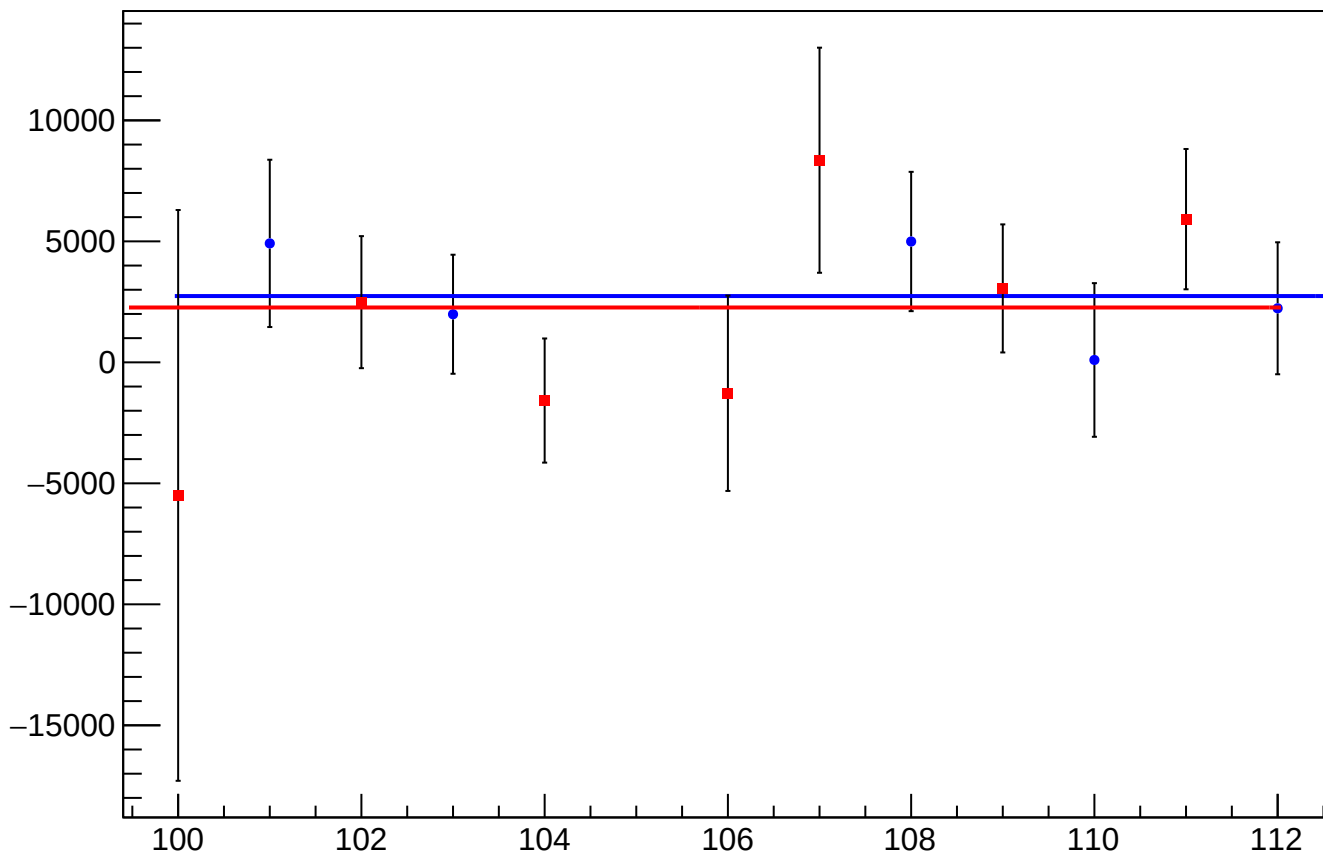
Right: 6188.087+/-1.949 χ^2/NDF : 303063.0/11

In: 6470.495+/-2.927 χ^2/NDF : 158059.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6188.087+/-1.949 χ^2/NDF : 303063.0/11

cor_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2739.613+/-1287.446 χ^2/NDF : 1.8/4

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

Right Out: 2266.978+/-1228.315 χ^2/NDF : 6.8/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

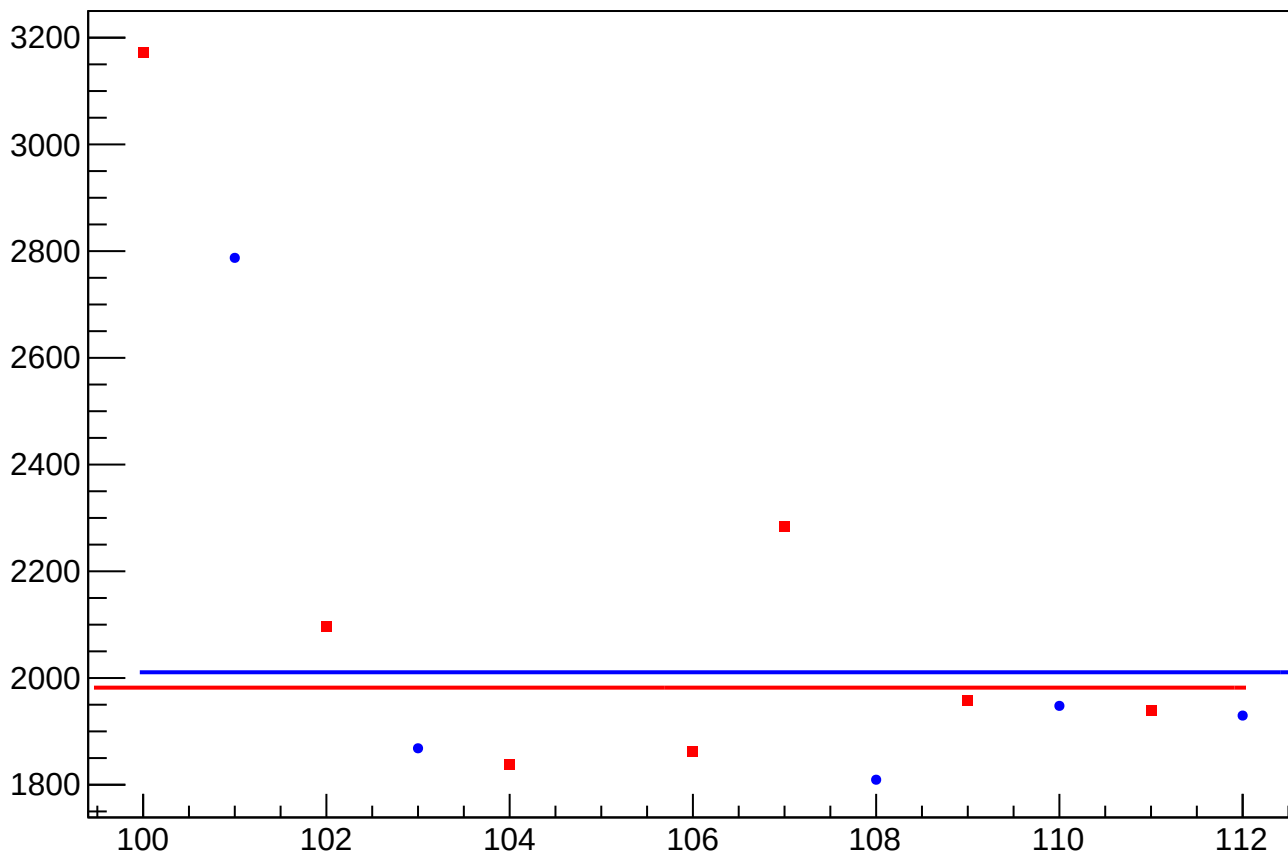
Right: 2492.193+/-888.719 χ^2/NDF : 8.7/11

In: 2739.613+/-1287.446 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2492.193+/-888.719 χ^2/NDF : 8.7/11

cor_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2010.782+/-0.910 χ^2/NDF : 119996.2/4

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

Right Out: 1981.984+/-0.869 χ^2/NDF : 41010.8/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

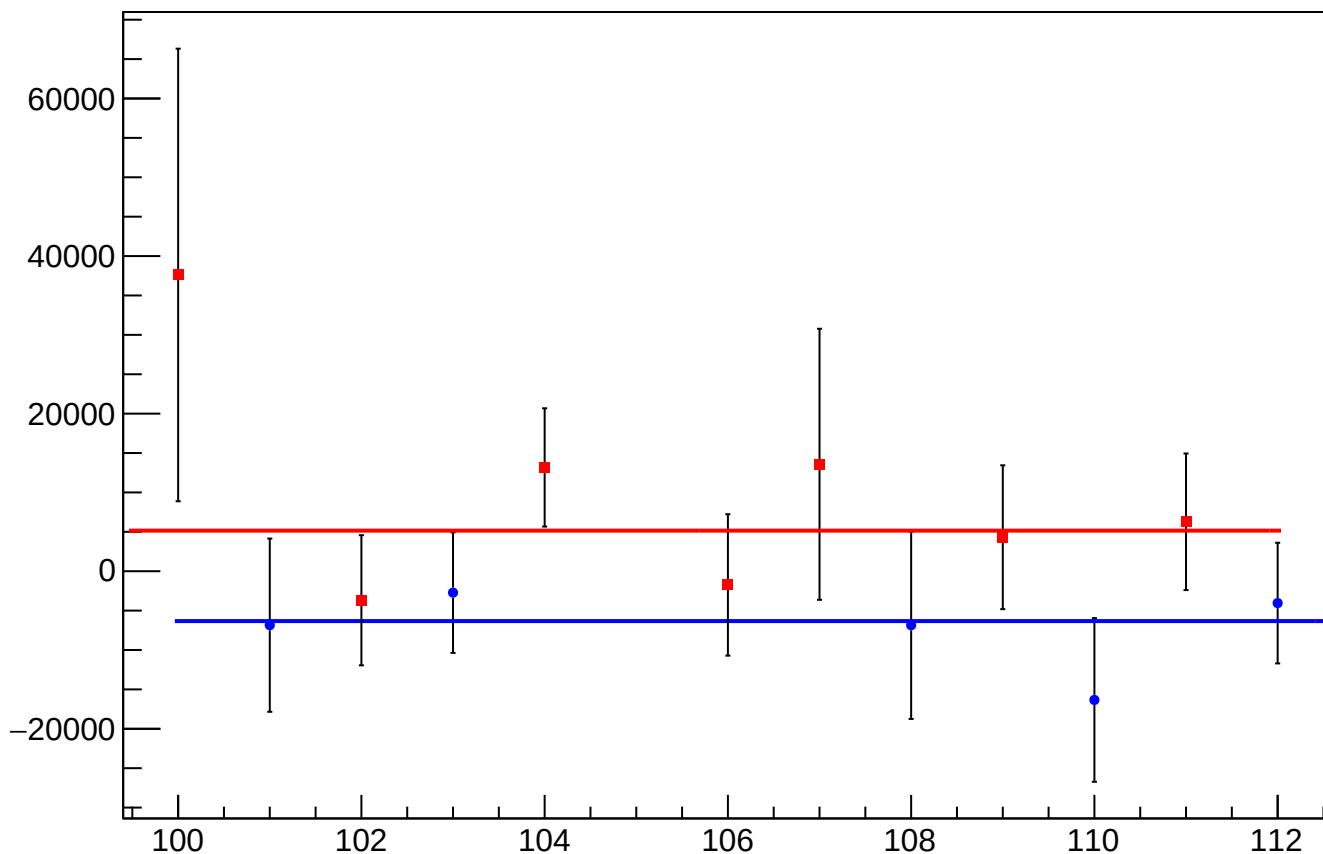
Right: 1995.707+/-0.628 χ^2/NDF : 161530.8/11

In: 2010.782+/-0.910 χ^2/NDF : 119996.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1995.707+/-0.628 χ^2/NDF : 161530.8/11

asym_atl2_cor_correction_mean vs Slug, Sign Corrected



Right In: -6330.761+/-4125.355 χ^2/NDF : 1.2/4

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

Right Out: 5150.975+/-3658.418 χ^2/NDF : 4.4/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

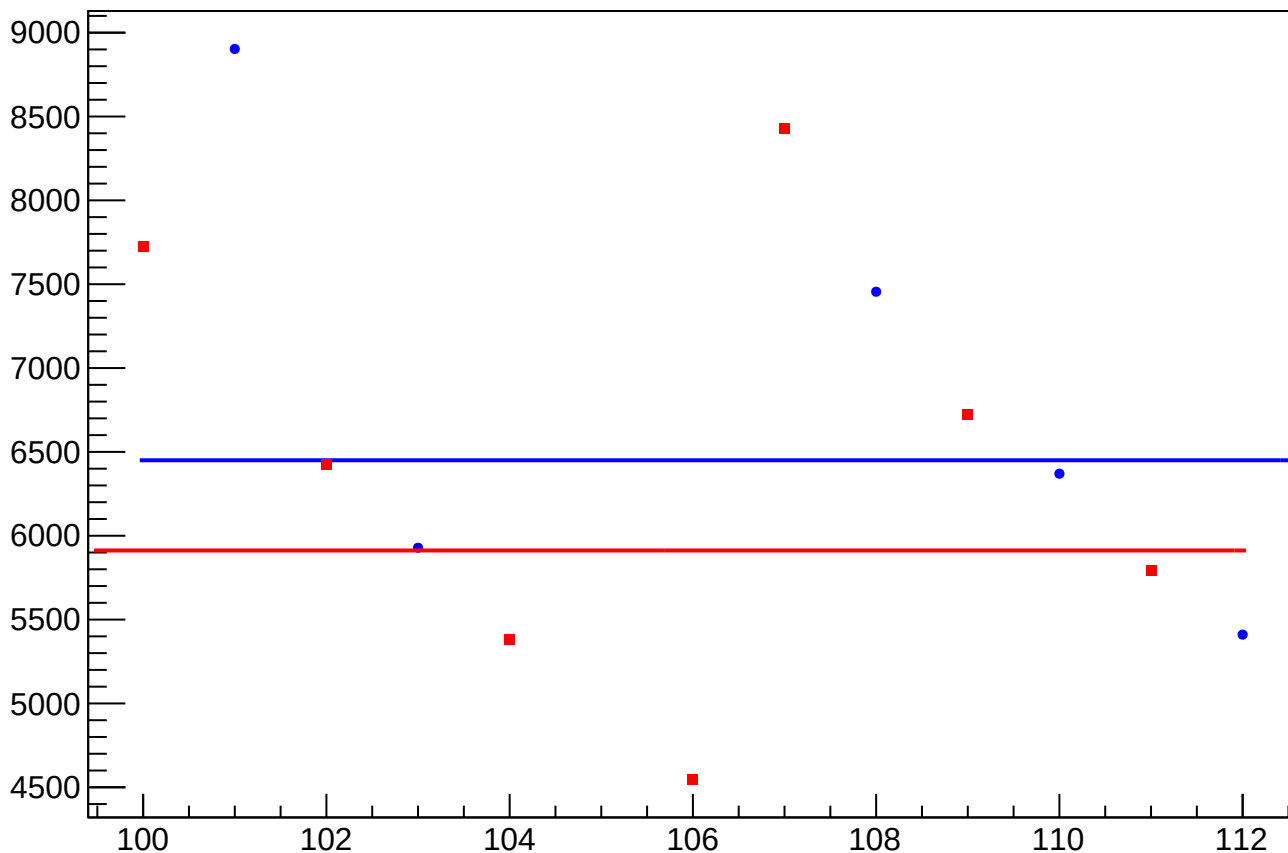
Right: 96.410+/-2737.155 χ^2/NDF : 10.0/11

In: -6330.761+/-4125.355 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.410+/-2737.155 χ^2/NDF : 10.0/11

asym_atl2_cor_correction_rms vs Slug, Sign Corrected



Right In: 6450.084+/-2.917 χ^2/NDF : 160131.8/4

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

Right Out: 5912.275+/-2.587 χ^2/NDF : 131167.7/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

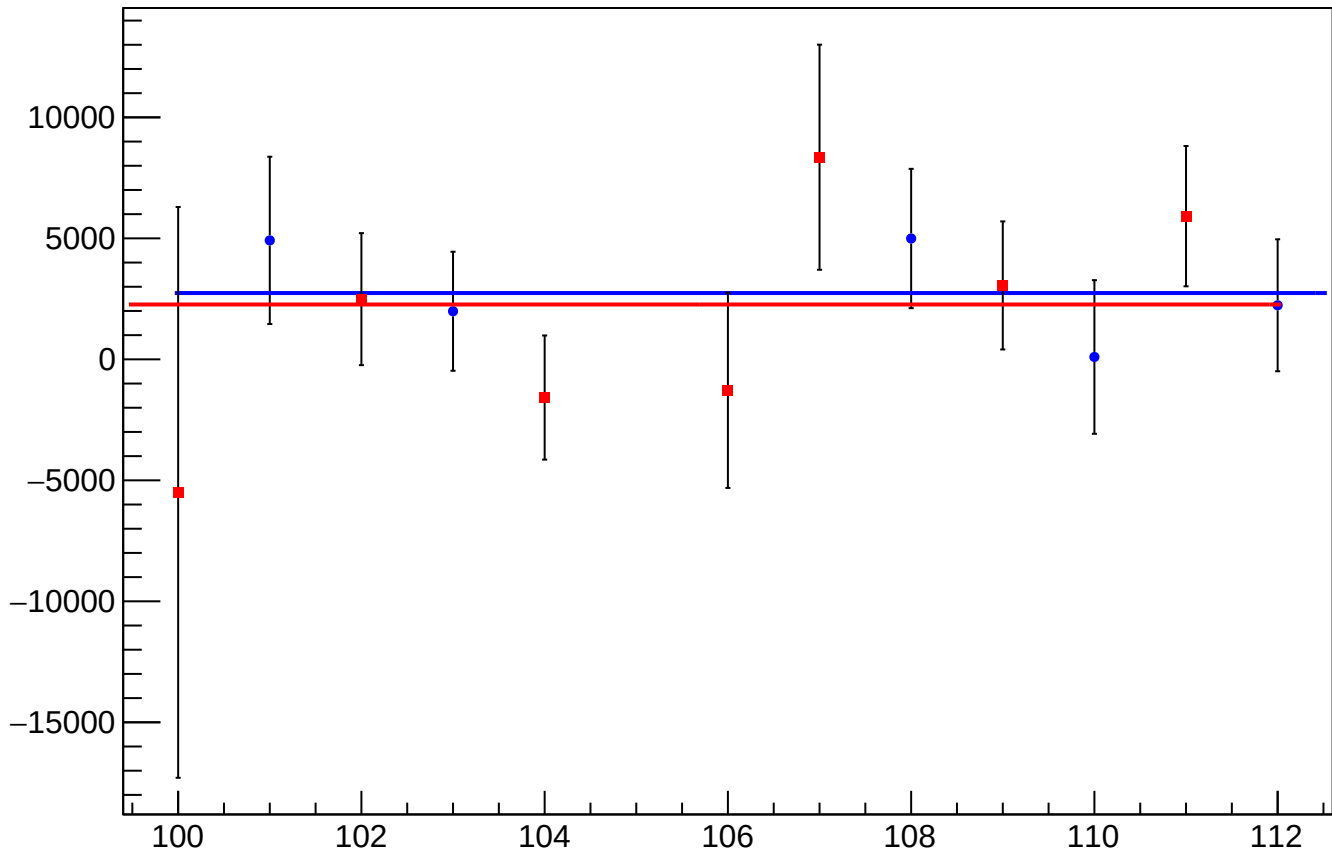
Right: 6149.033+/-1.935 χ^2/NDF : 310326.8/11

In: 6450.084+/-2.917 χ^2/NDF : 160131.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6149.033+/-1.935 χ^2/NDF : 310326.8/11

eigen_cor_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2739.613+/-1287.446 χ^2 /NDF: 1.8/4

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

Right Out: 2266.978+/-1228.315 χ^2 /NDF: 6.8/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

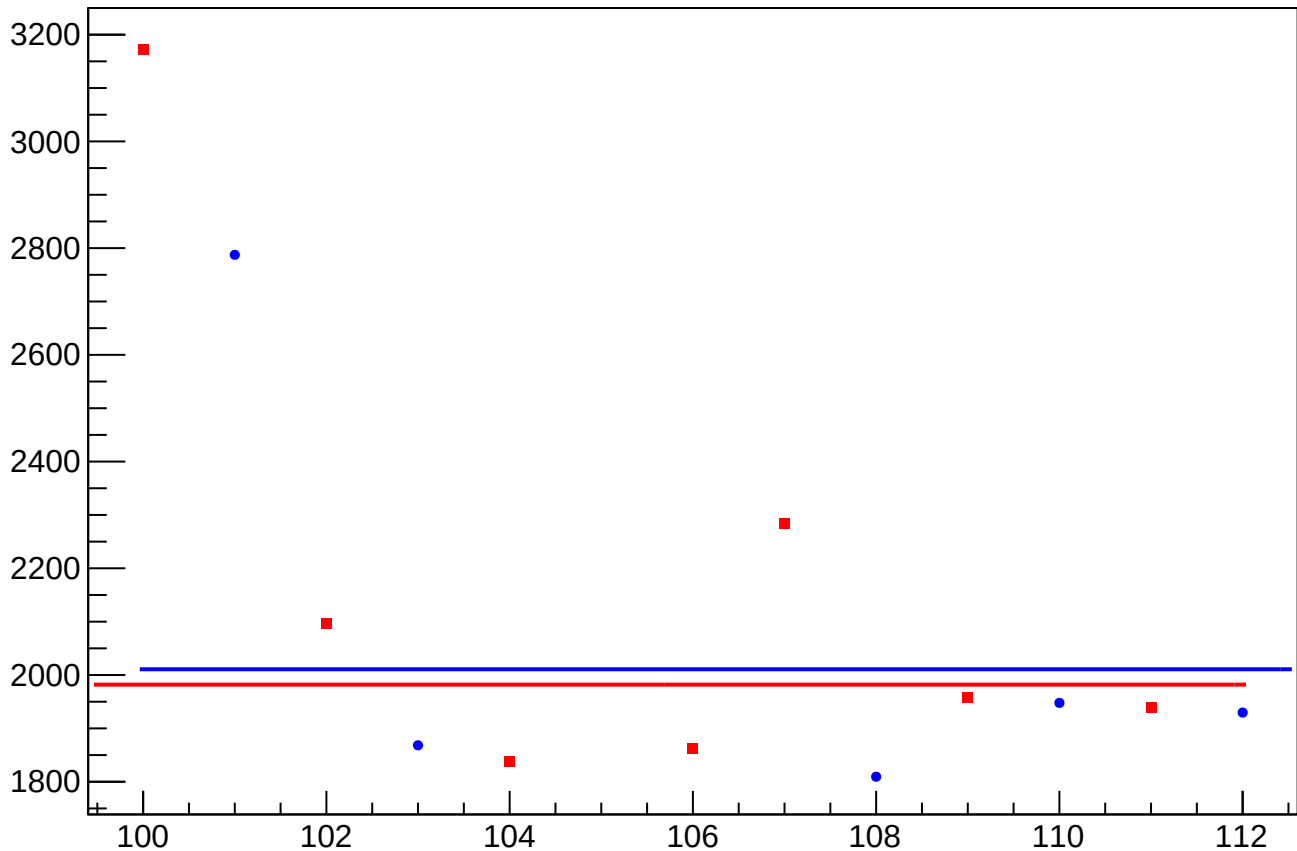
Right: 2492.193+/-888.719 χ^2 /NDF: 8.7/11

In: 2739.613+/-1287.446 χ^2 /NDF:1.8/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2492.193+/-888.719 χ^2 /NDF: 8.7/11

eigen_cor_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2010.782+/-0.910 χ^2/NDF : 119996.2/4

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

Right Out: 1981.984+/-0.869 χ^2/NDF : 41010.8/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

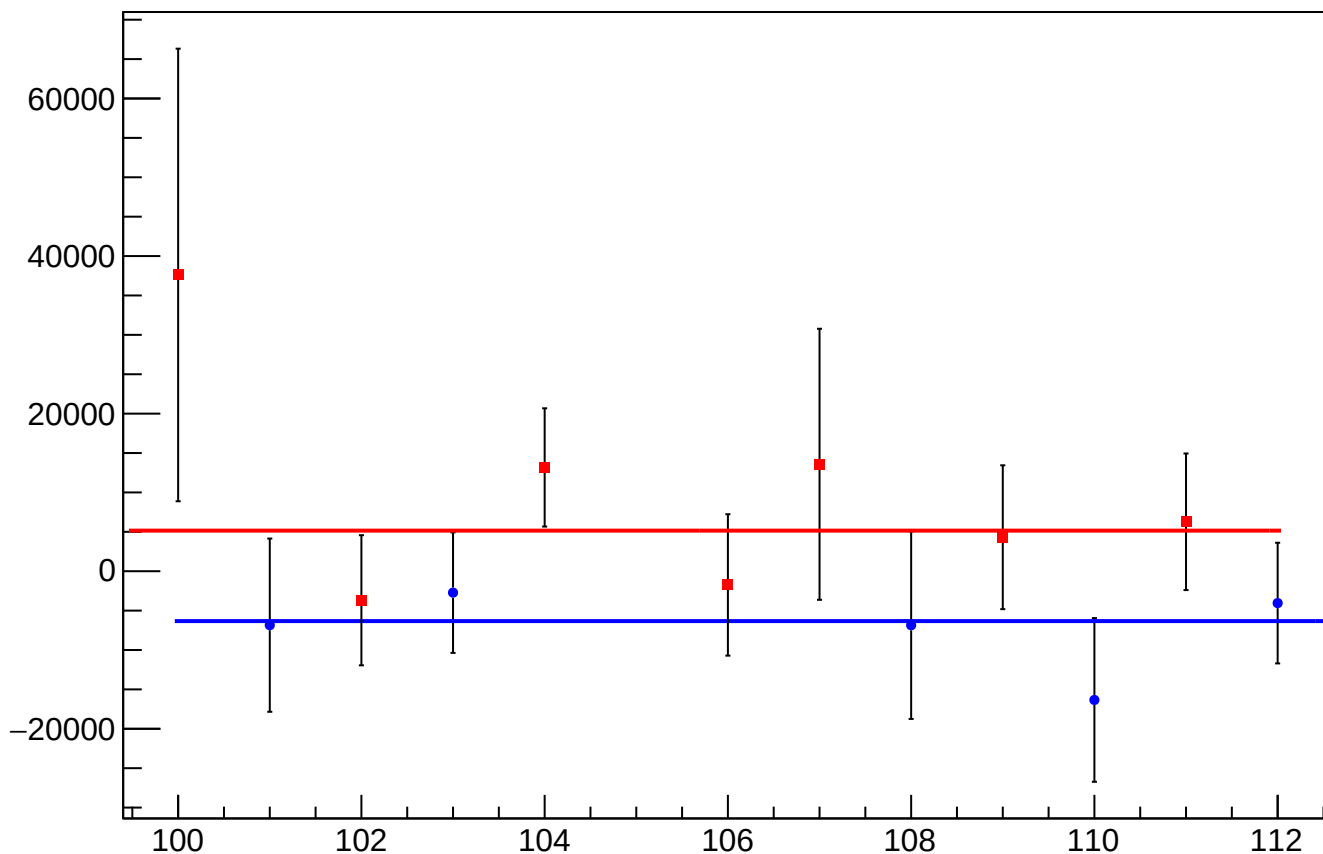
Right: 1995.707+/-0.628 χ^2/NDF : 161530.8/11

In: 2010.782+/-0.910 χ^2/NDF : 119996.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1995.707+/-0.628 χ^2/NDF : 161530.8/11

asym_atl2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -6330.761+/-4125.355 χ^2/NDF : 1.2/4

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

Right Out: 5150.975+/-3658.418 χ^2/NDF : 4.4/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

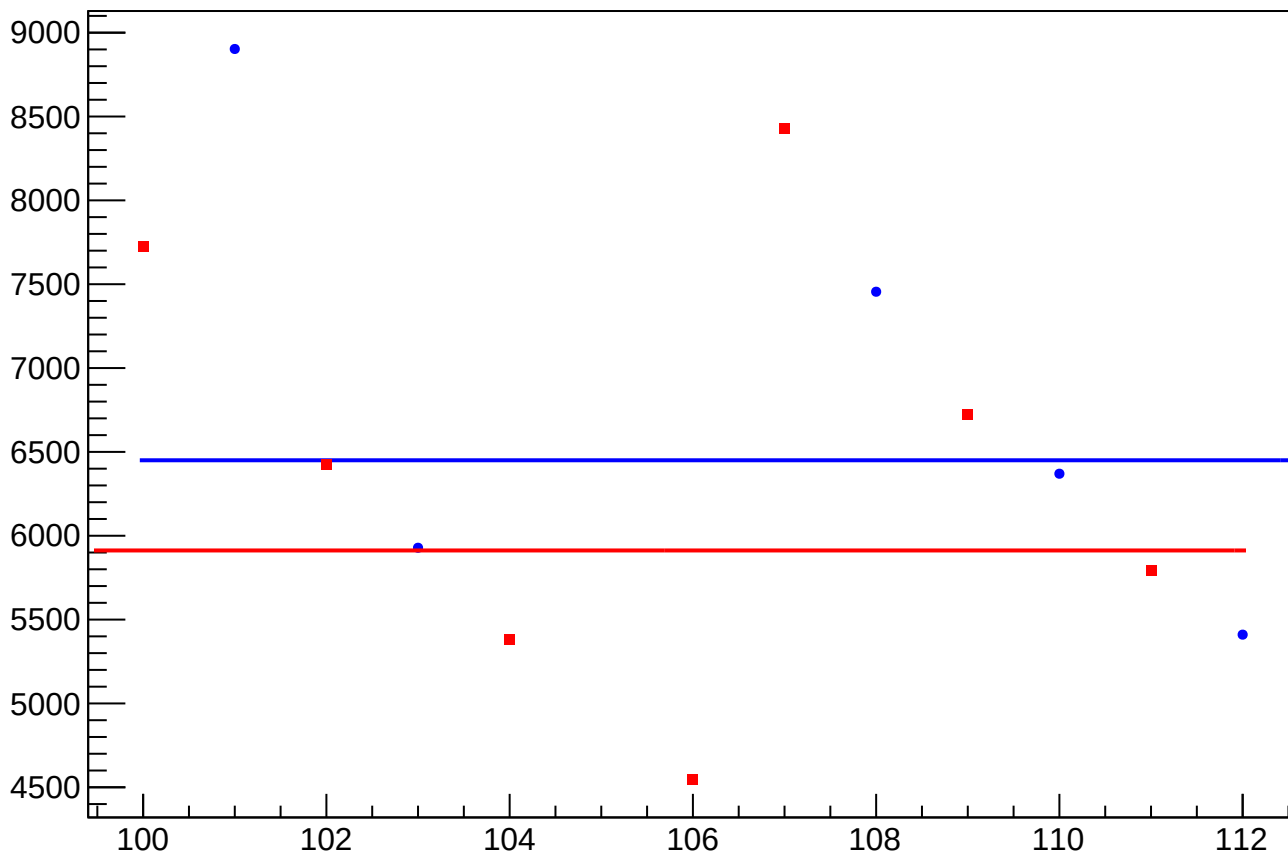
Right: 96.410+/-2737.155 χ^2/NDF : 10.0/11

In: -6330.761+/-4125.355 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.410+/-2737.155 χ^2/NDF : 10.0/11

asym_atl2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 6450.084+/-2.917 χ^2/NDF : 160131.8/4

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

Right Out: 5912.275+/-2.587 χ^2/NDF : 131167.7/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

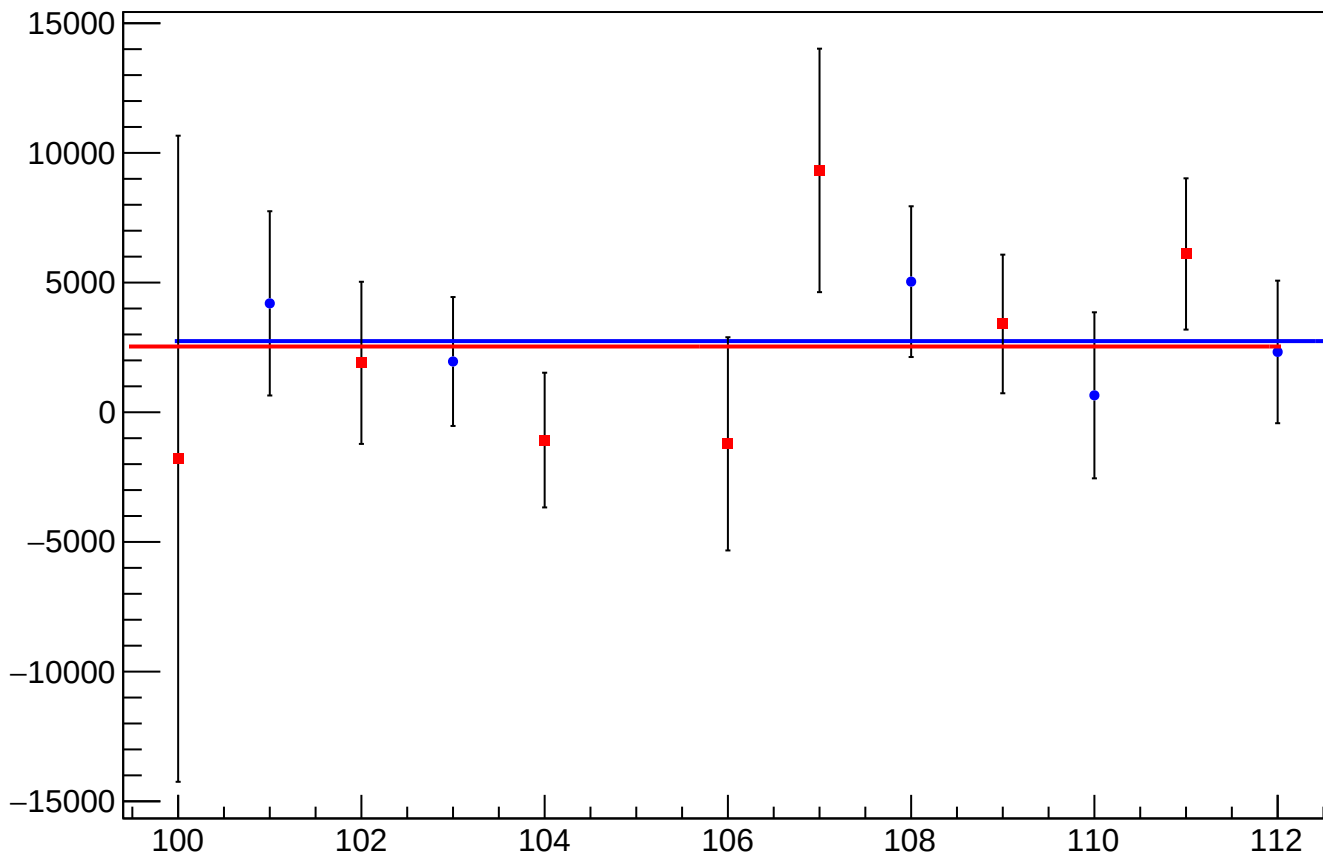
Right: 6149.033+/-1.935 χ^2/NDF : 310326.8/11

In: 6450.084+/-2.917 χ^2/NDF : 160131.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6149.033+/-1.935 χ^2/NDF : 310326.8/11

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2743.794+/-1302.462 χ^2/NDF : 1.3/4

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

Right Out: 2535.253+/-1270.777 χ^2/NDF : 6.6/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

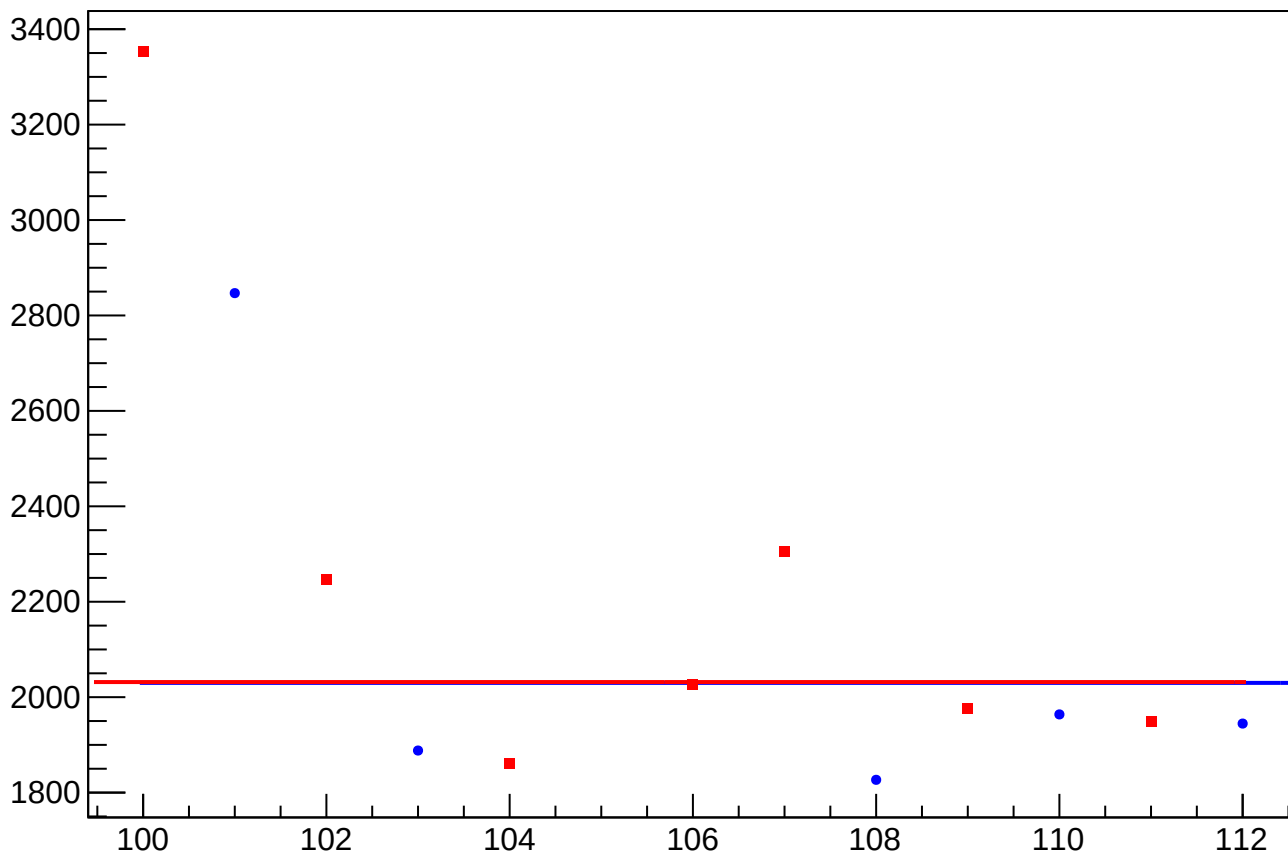
Right: 2636.956+/-909.570 χ^2/NDF : 8.0/11

In: 2743.794+/-1302.462 χ^2/NDF : 1.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2636.956+/-909.570 χ^2/NDF : 8.0/11

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2029.937 +/- 0.921 χ^2/NDF : 124816.3/4

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

Right Out: 2031.669 +/- 0.895 χ^2/NDF : 49870.7/6

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

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

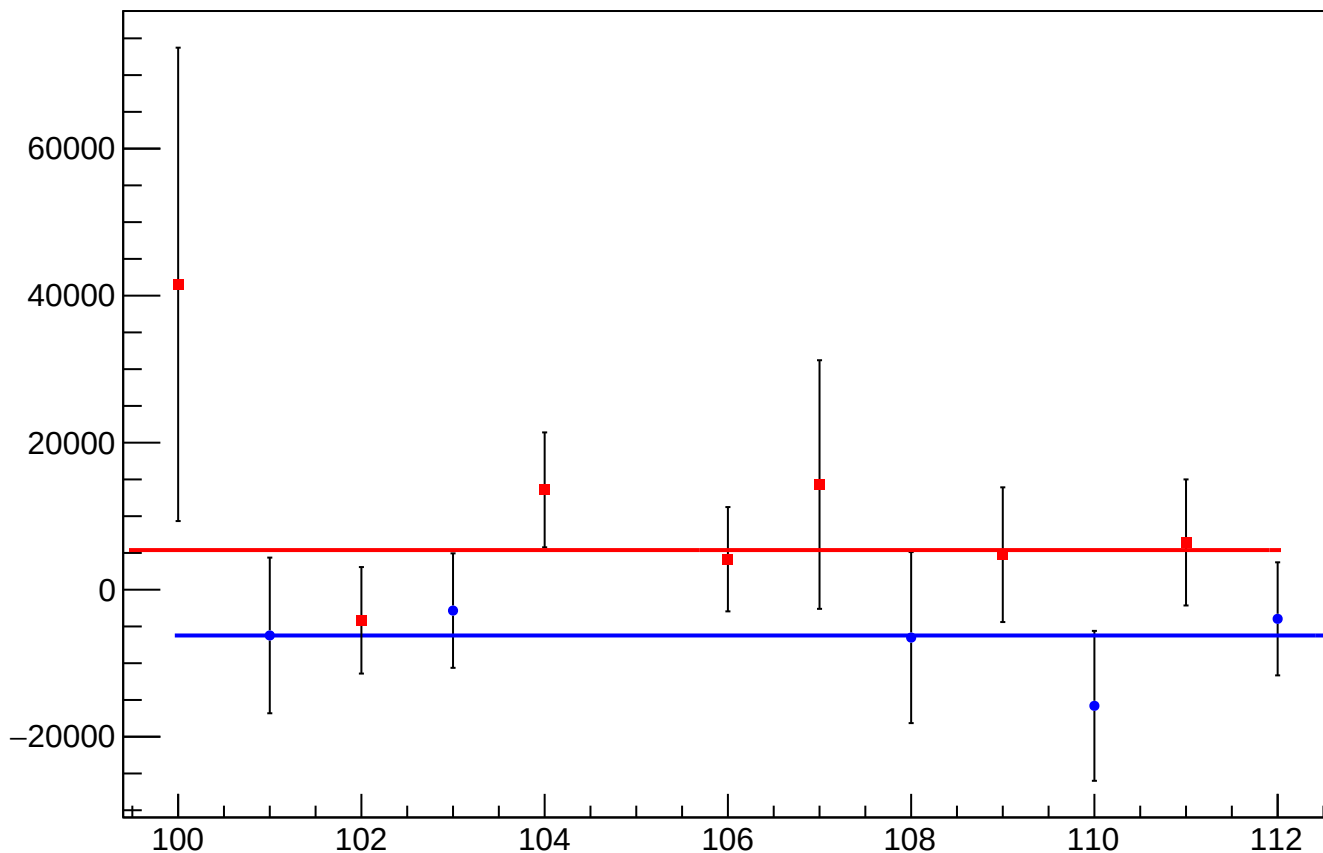
Right: 2030.828 +/- 0.642 χ^2/NDF : 174688.8/11

In: 2029.937 +/- 0.921 χ^2/NDF : 124816.3/4

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 2030.828 +/- 0.642 χ^2/NDF : 174688.8/11

asym_atl2_dit_correction_mean vs Slug, Sign Corrected



Right In: -6228.594+/-4105.450 χ^2/NDF : 1.2/4

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

Right Out: 5389.890+/-3424.510 χ^2/NDF : 4.4/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

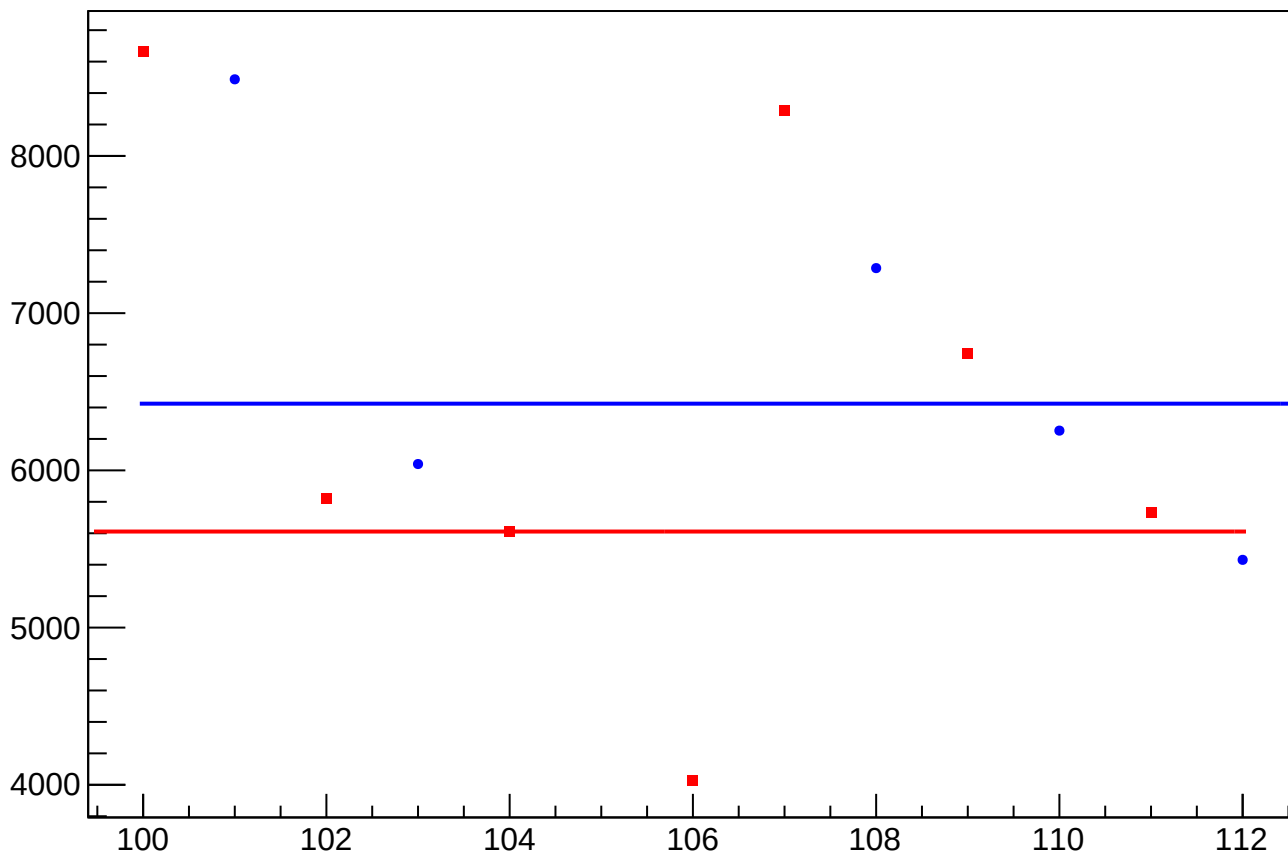
Right: 622.793+/-2629.741 χ^2/NDF : 10.3/11

In: -6228.594+/-4105.450 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 622.793+/-2629.741 χ^2/NDF : 10.3/11

asym_atl2_dit_correction_rms vs Slug, Sign Corrected



Right In: 6424.319+/-2.903 χ^2/NDF : 125738.6/4

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

Right Out: 5610.984+/-2.421 χ^2/NDF : 200104.6/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

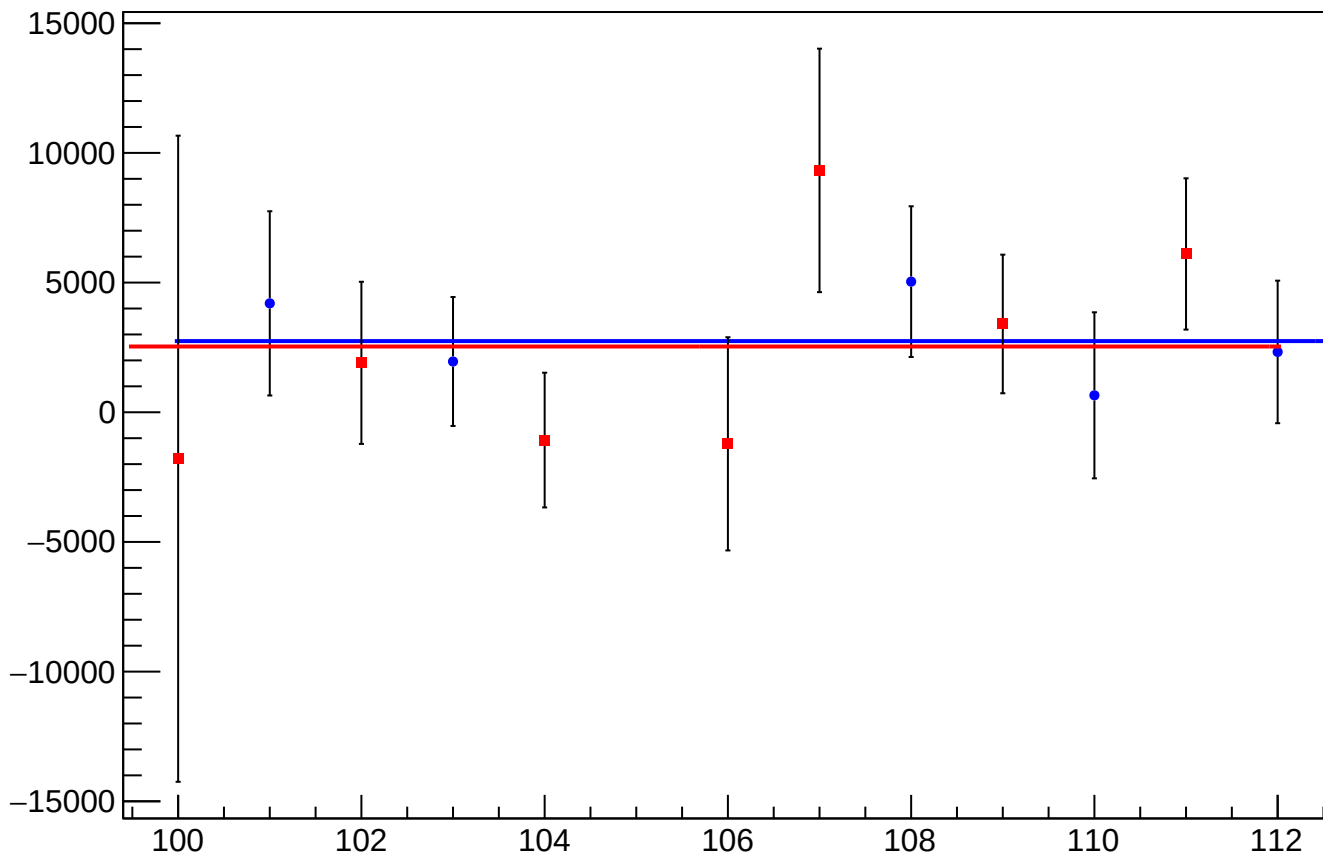
Right: 5944.697+/-1.860 χ^2/NDF : 372132.1/11

In: 6424.319+/-2.903 χ^2/NDF : 125738.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5944.697+/-1.860 χ^2/NDF : 372132.1/11

eigen_dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2743.812 $\pm$ 1302.462 χ^2 /NDF: 1.3/4

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

Right Out: 2535.256 $\pm$ 1270.777 χ^2 /NDF: 6.6/6

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

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

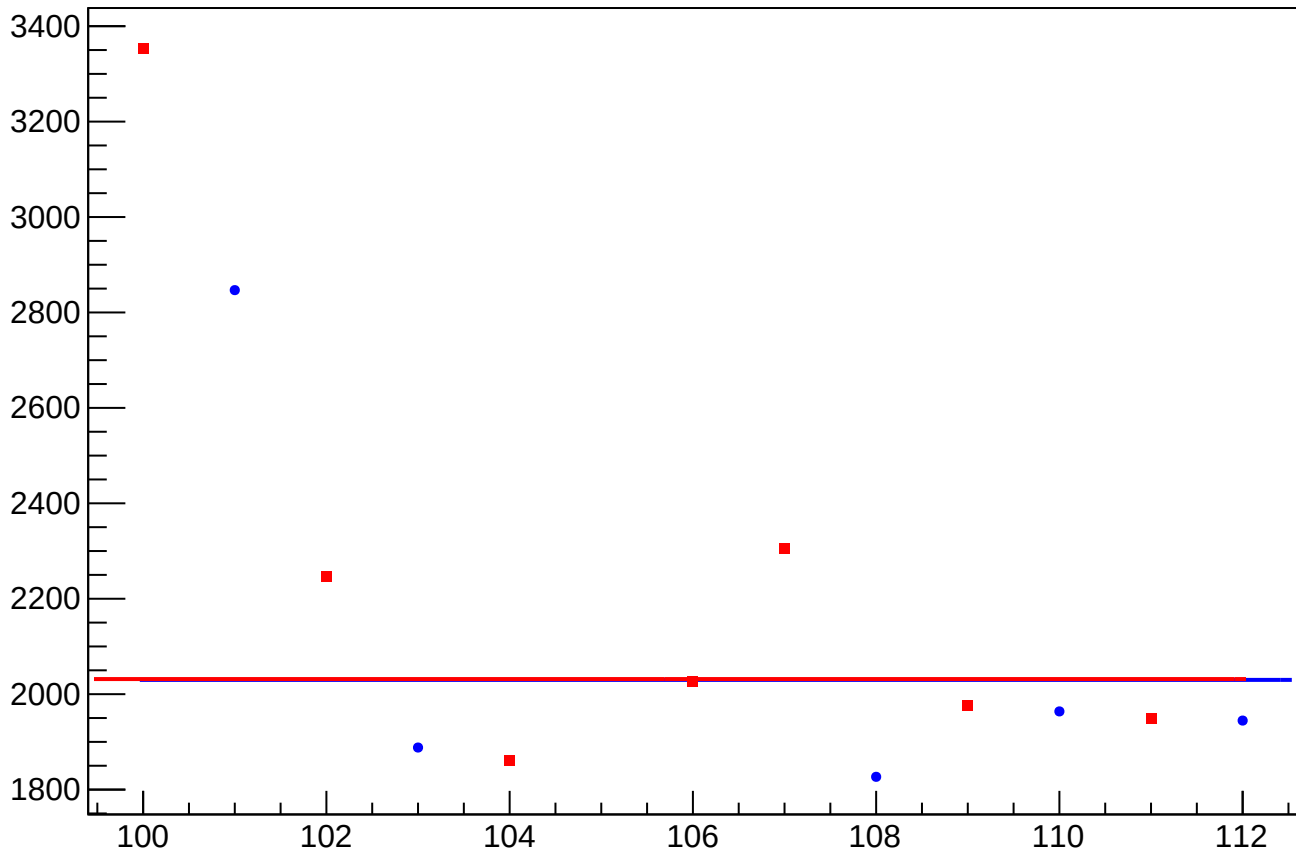
Right: 2636.967 $\pm$ 909.571 χ^2 /NDF: 8.0/11

In: 2743.812 $\pm$ 1302.462 χ^2 /NDF:1.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2636.967 $\pm$ 909.571 χ^2 /NDF: 8.0/11

eigen_dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2029.938+/-0.921 χ^2/NDF : 124815.8/4

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

Right Out: 2031.669+/-0.895 χ^2/NDF : 49870.7/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

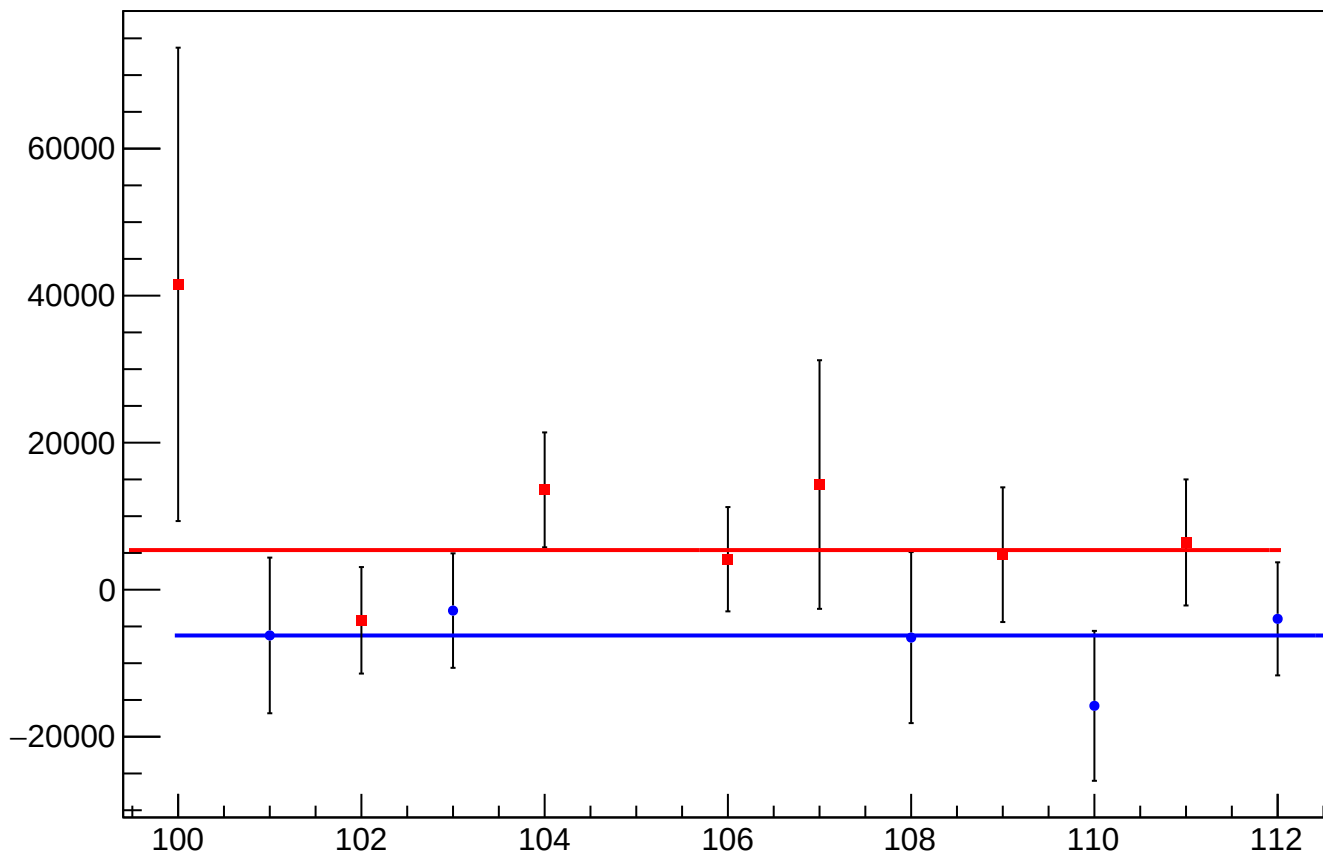
Right: 2030.828+/-0.642 χ^2/NDF : 174688.3/11

In: 2029.938+/-0.921 χ^2/NDF : 124815.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2030.828+/-0.642 χ^2/NDF : 174688.3/11

asym_atl2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -6228.582+/-4105.441 χ^2/NDF : 1.2/4

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

Right Out: 5389.891+/-3424.504 χ^2/NDF : 4.4/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

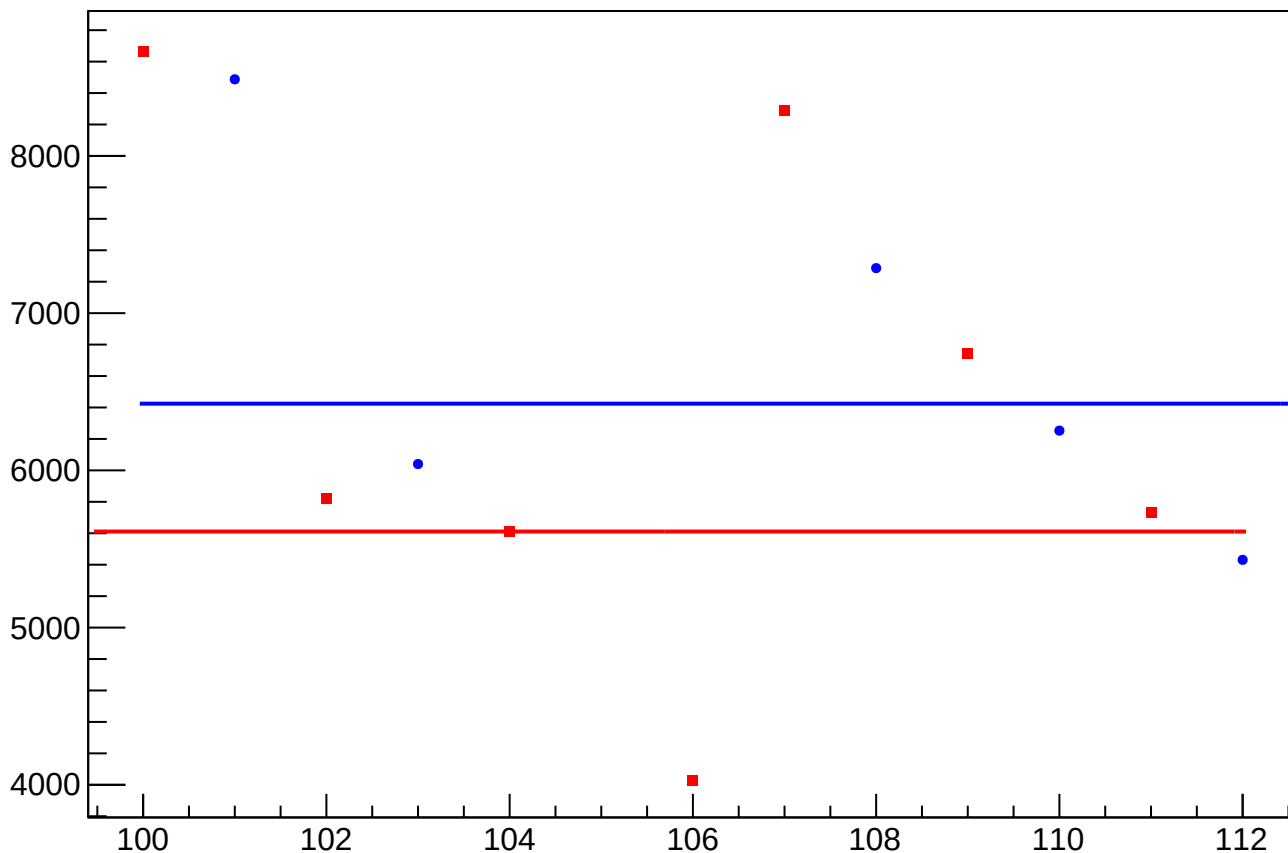
Right: 622.797+/-2629.736 χ^2/NDF : 10.3/11

In: -6228.582+/-4105.441 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 622.797+/-2629.736 χ^2/NDF : 10.3/11

asym_atl2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 6424.306+/-2.903 χ^2/NDF : 125738.7/4

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

Right Out: 5610.973+/-2.421 χ^2/NDF : 200105.7/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

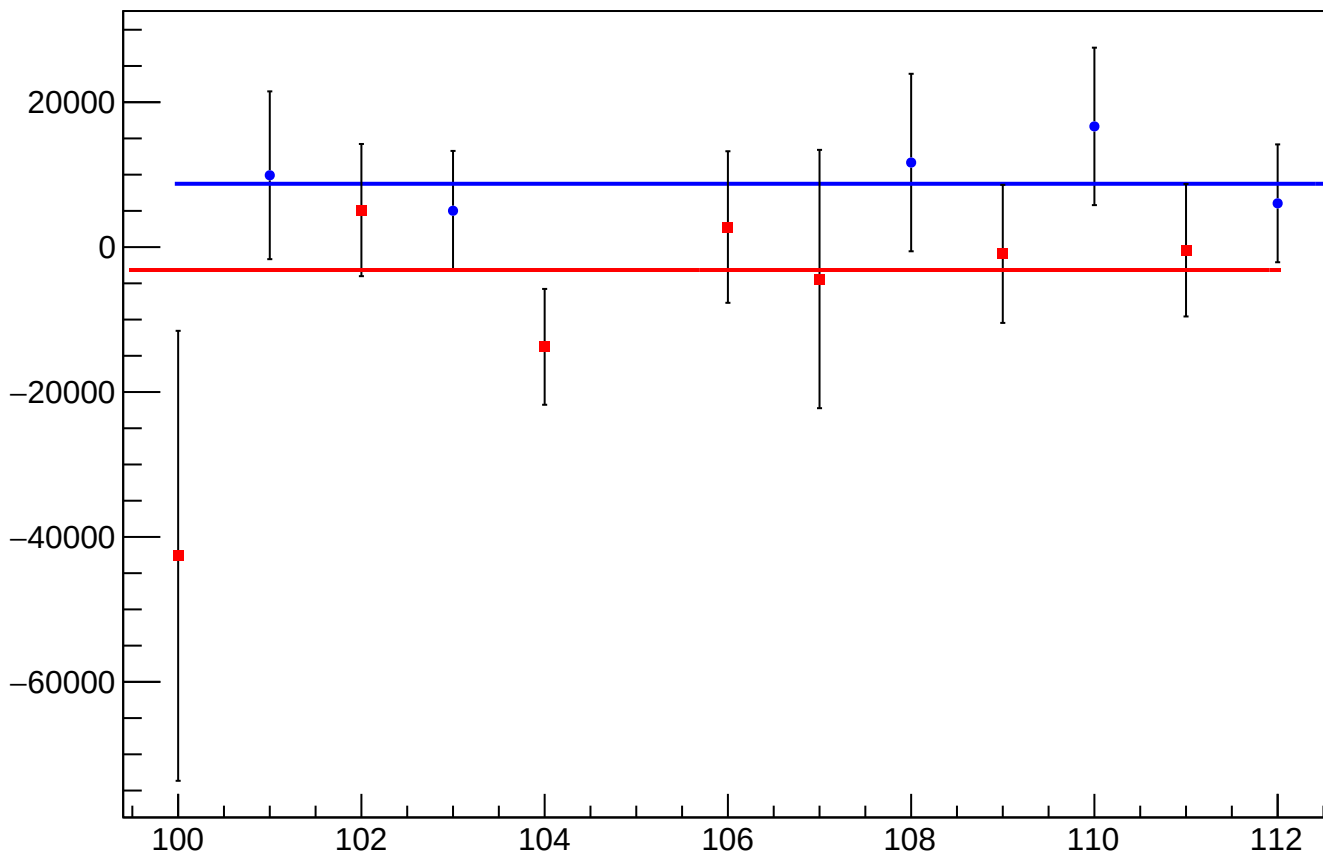
Right: 5944.686+/-1.860 χ^2/NDF : 372133.2/11

In: 6424.306+/-2.903 χ^2/NDF : 125738.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5944.686+/-1.860 χ^2/NDF : 372133.2/11

asym_atl2_mean vs Slug, Sign Corrected



Right In: 8741.497+/-4369.326 χ^2 /NDF: 0.9/4

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

Right Out: -3158.560+/-3953.708 χ^2 /NDF: 4.7/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

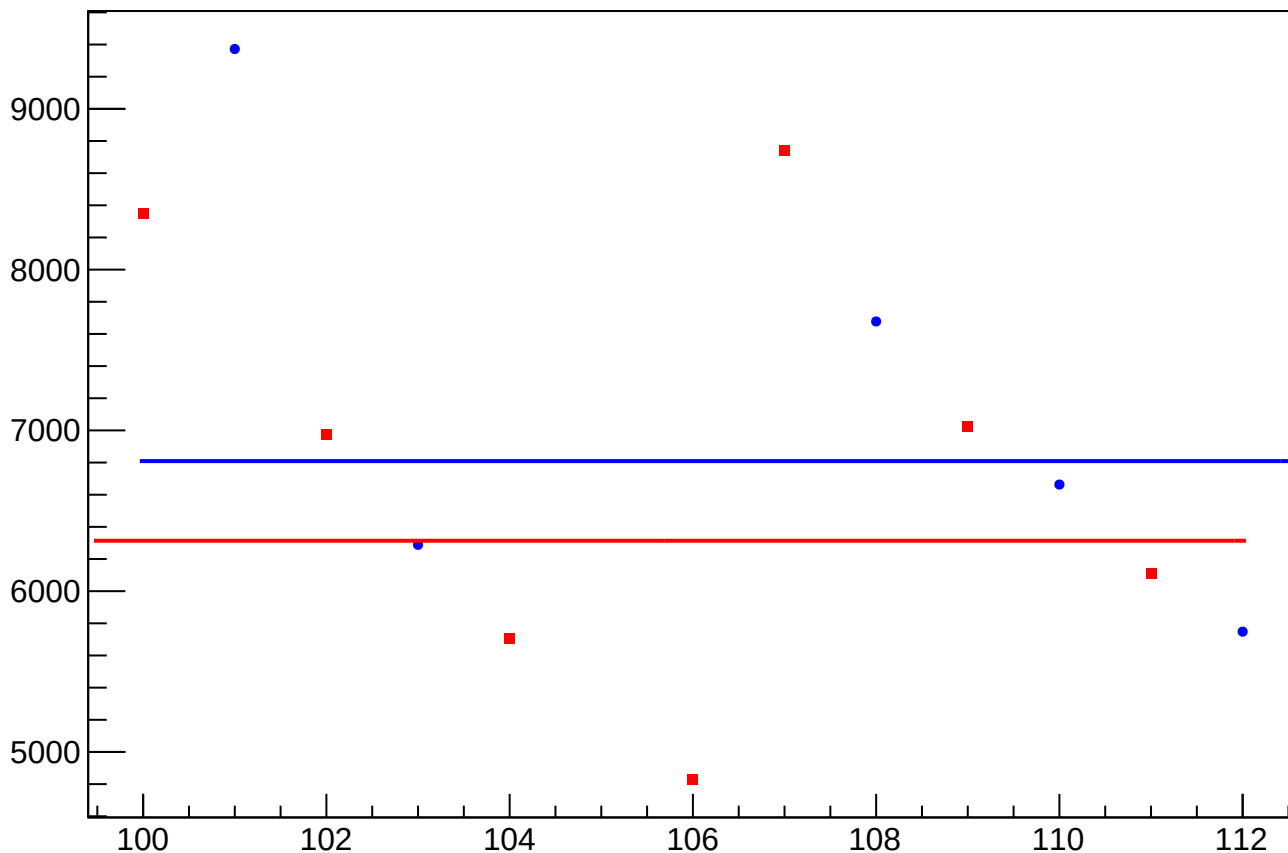
Right: 2198.707+/-2931.646 χ^2 /NDF: 9.7/11

In: 8741.497+/-4369.326 χ^2 /NDF:0.9/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2198.707+/-2931.646 χ^2 /NDF: 9.7/11

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6809.049+/-3.090 χ^2/NDF : 150412.0/4

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

Right Out: 6313.839+/-2.796 χ^2/NDF : 120157.0/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

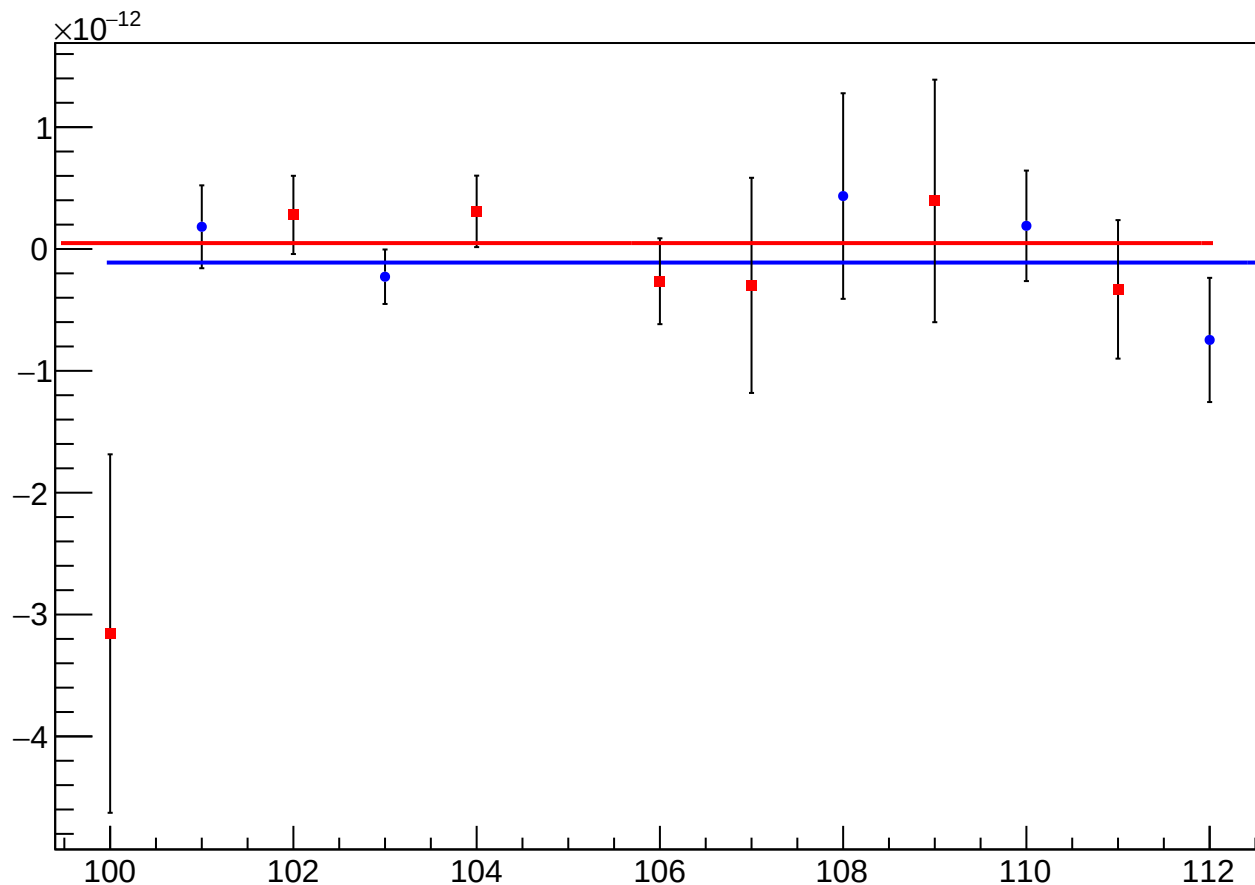
Right: 6536.776+/-2.073 χ^2/NDF : 284694.3/11

In: 6809.049+/-3.090 χ^2/NDF : 150412.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6536.776+/-2.073 χ^2/NDF : 284694.3/11

asym_atl2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 3.4/4

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

Right Out: 0.000 ± 0.000 χ^2/NDF : 7.6/6

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

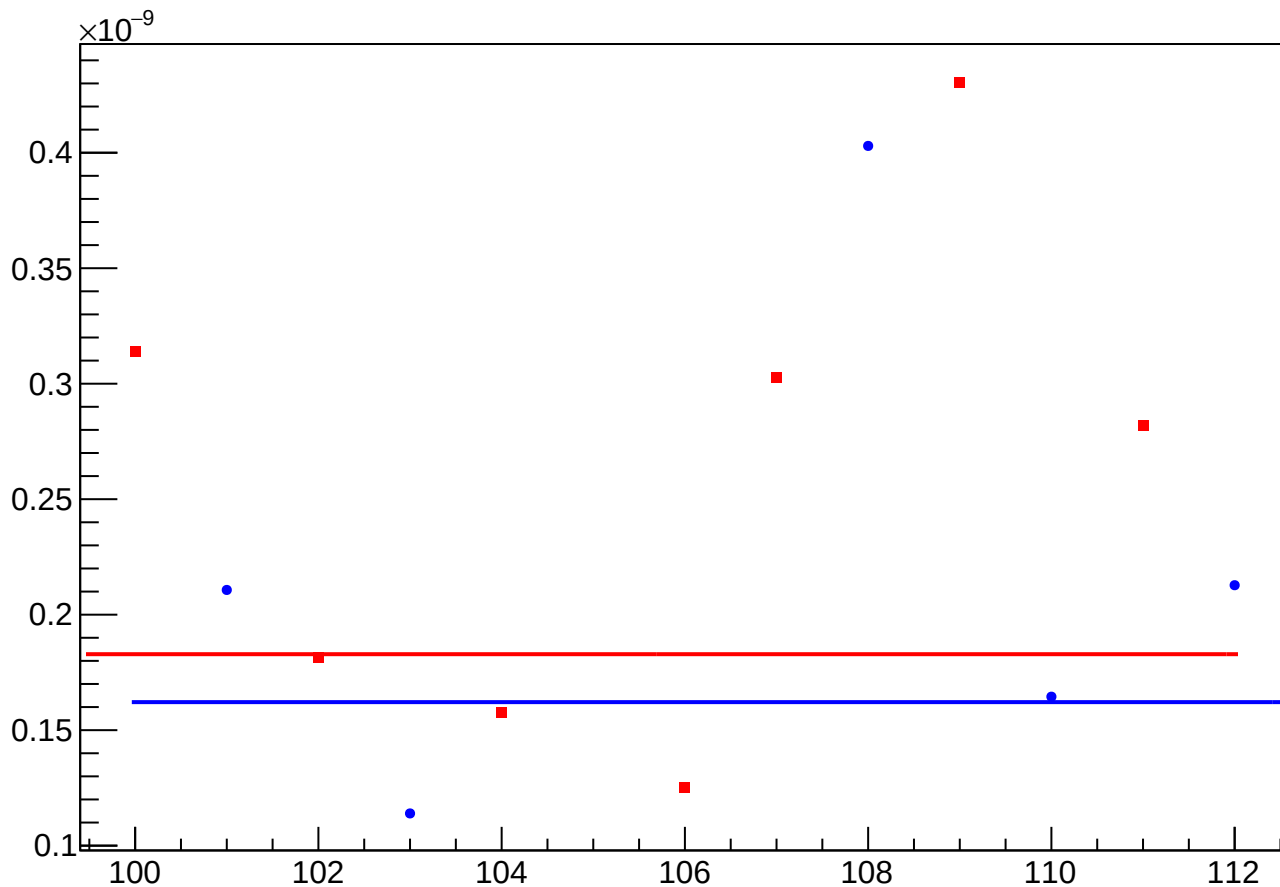
Right: -0.000 ± 0.000 χ^2/NDF : 11.5/11

In: -0.000 ± 0.000 χ^2/NDF : 3.4/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 11.5/11

asym_atl2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 316503.9/4

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

Right Out: 0.000+/-0.000 χ^2/NDF : 305387.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

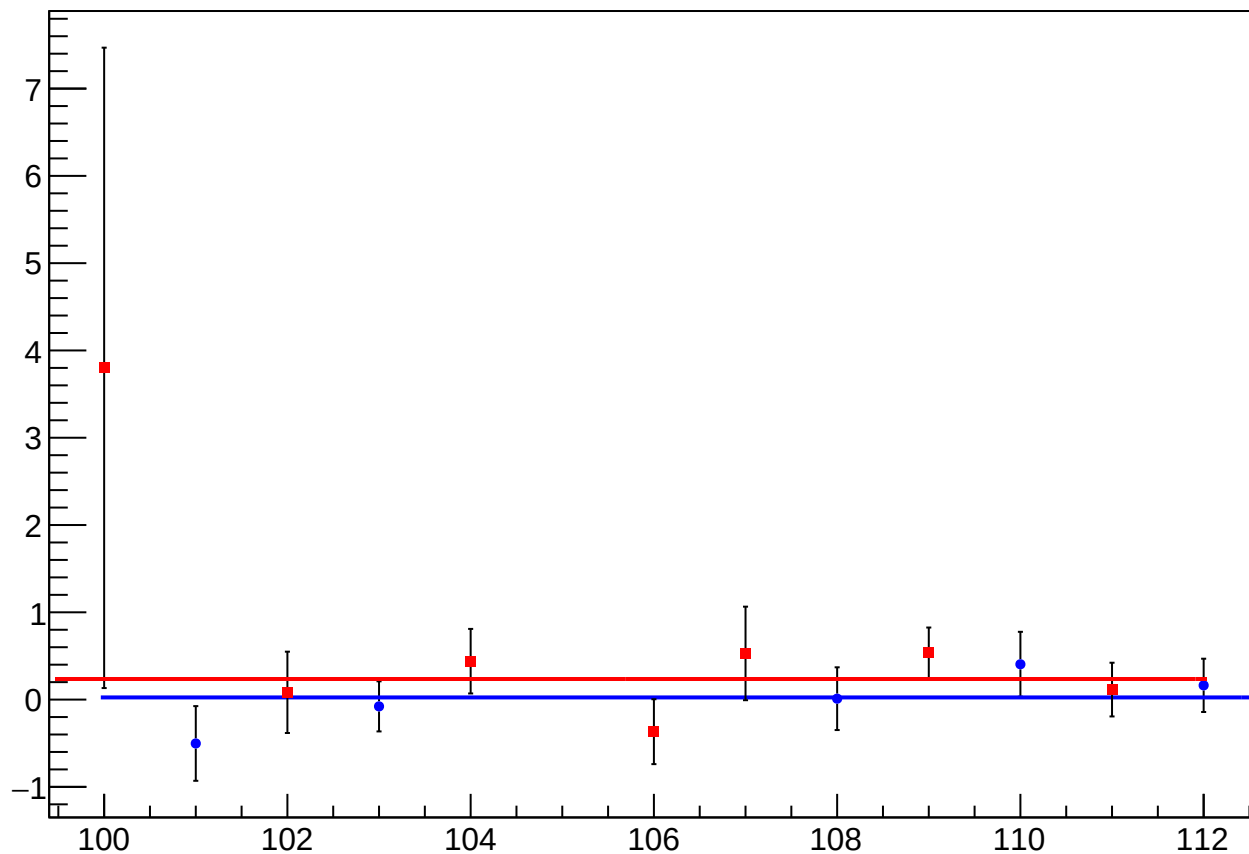
Right: 0.000+/-0.000 χ^2/NDF : 637798.3/11

In: 0.000+/-0.000 χ^2/NDF : 316503.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 637798.3/11

asym_atl2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.025+/-0.152 χ^2/NDF : 2.9/4

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

Right Out: 0.236+/-0.149 χ^2/NDF : 5.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

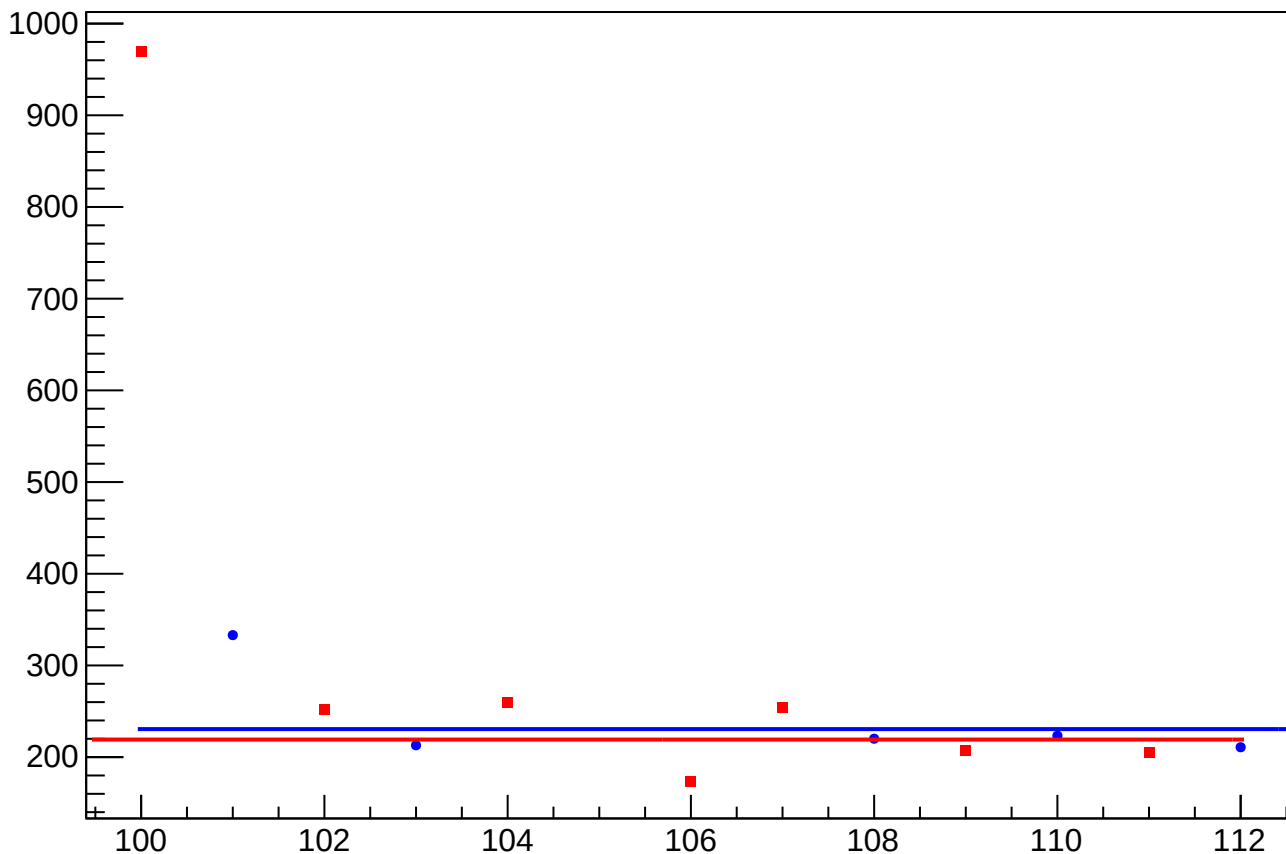
Right: 0.133+/-0.106 χ^2/NDF : 9.4/11

In: 0.025+/-0.152 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.133+/-0.106 χ^2/NDF : 9.4/11

asym_atl2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 230.577+/-0.107 χ^2/NDF : 133172.8/4

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

Right Out: 219.186+/-0.105 χ^2/NDF : 163745.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

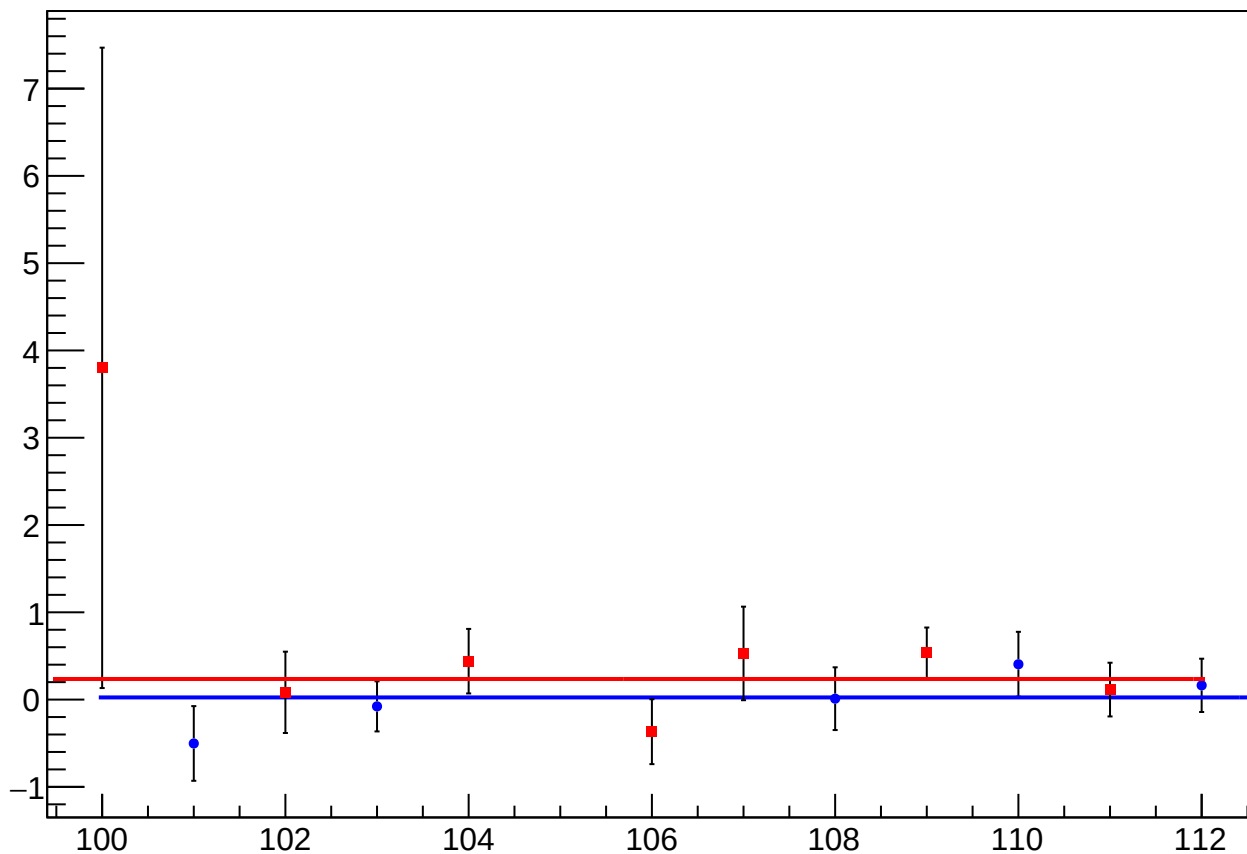
Right: 224.761+/-0.075 χ^2/NDF : 302658.4/11

In: 230.577+/-0.107 χ^2/NDF : 133172.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 224.761+/-0.075 χ^2/NDF : 302658.4/11

asym_atl2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.025+/-0.152 χ^2/NDF : 2.9/4

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

Right Out: 0.236+/-0.149 χ^2/NDF : 5.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

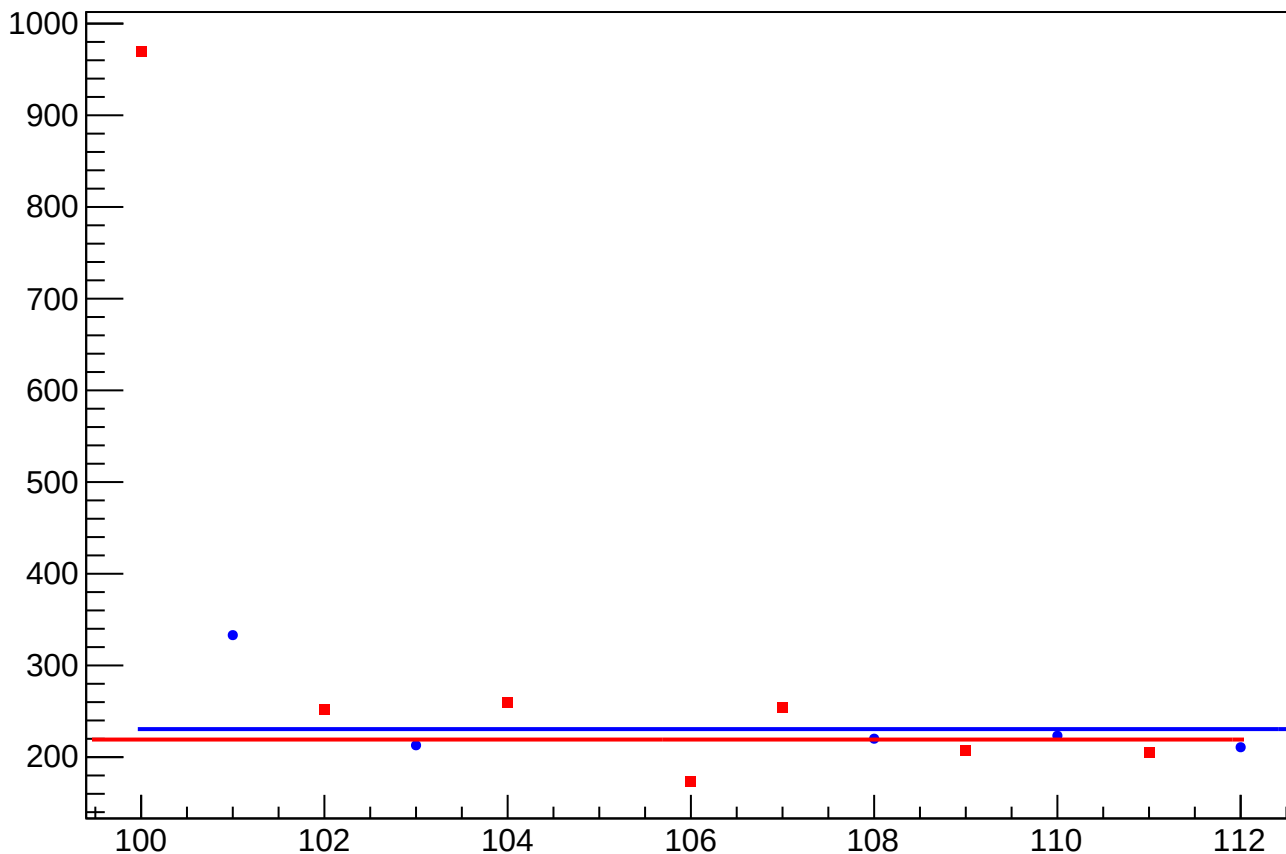
Right: 0.133+/-0.106 χ^2/NDF : 9.4/11

In: 0.025+/-0.152 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.133+/-0.106 χ^2/NDF : 9.4/11

asym_atl2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 230.577+/-0.107 χ^2/NDF : 133172.8/4

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

Right Out: 219.186+/-0.105 χ^2/NDF : 163745.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

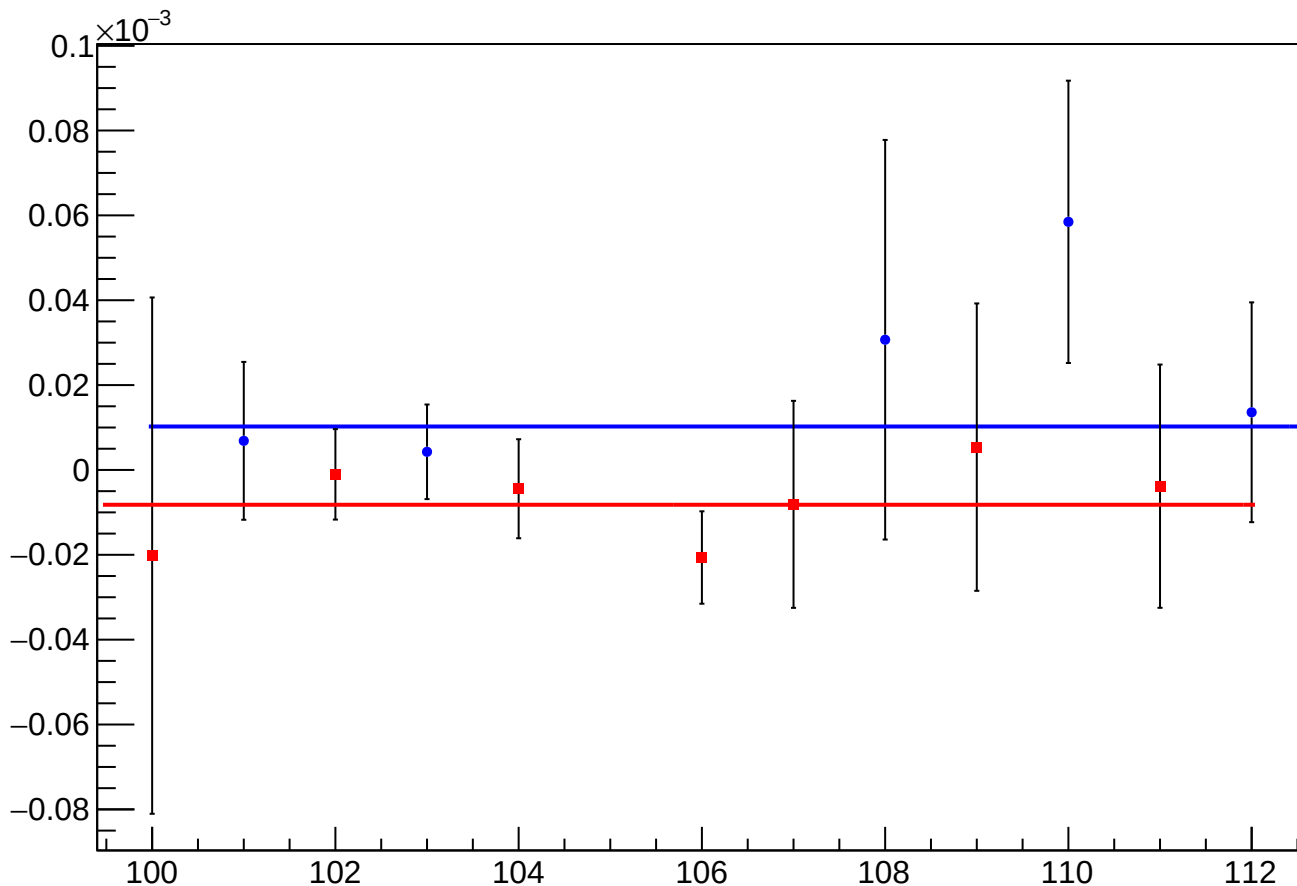
Right: 224.761+/-0.075 χ^2/NDF : 302658.4/11

In: 230.577+/-0.107 χ^2/NDF : 133172.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 224.761+/-0.075 χ^2/NDF : 302658.4/11

asym_atl2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.6/4

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

Right Out: -0.000+/-0.000 χ^2/NDF : 2.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

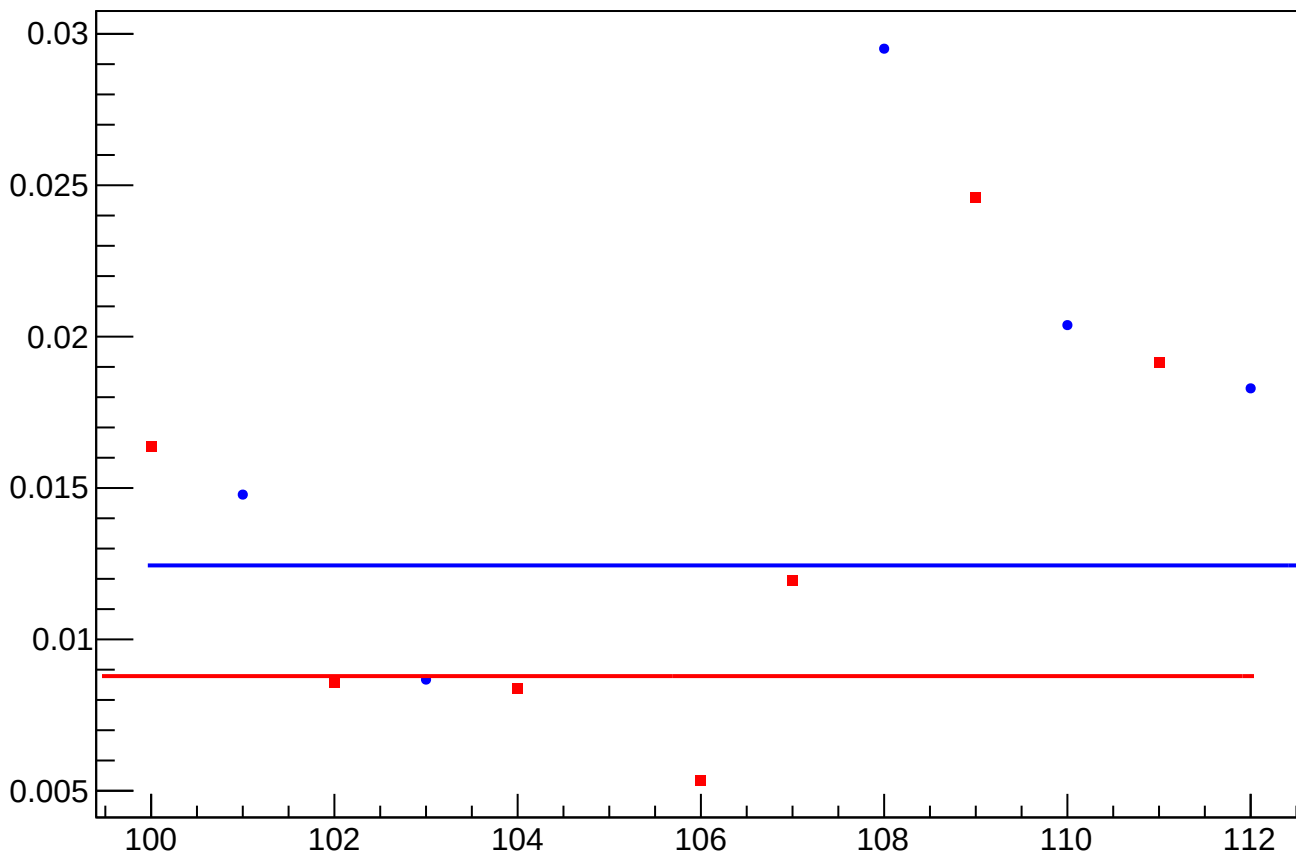
Right: -0.000+/-0.000 χ^2/NDF : 7.9/11

In: 0.000+/-0.000 χ^2/NDF : 2.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.9/11

asym_atl2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 739091.6/4

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

Right Out: 0.009+/-0.000 χ^2/NDF : 965870.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

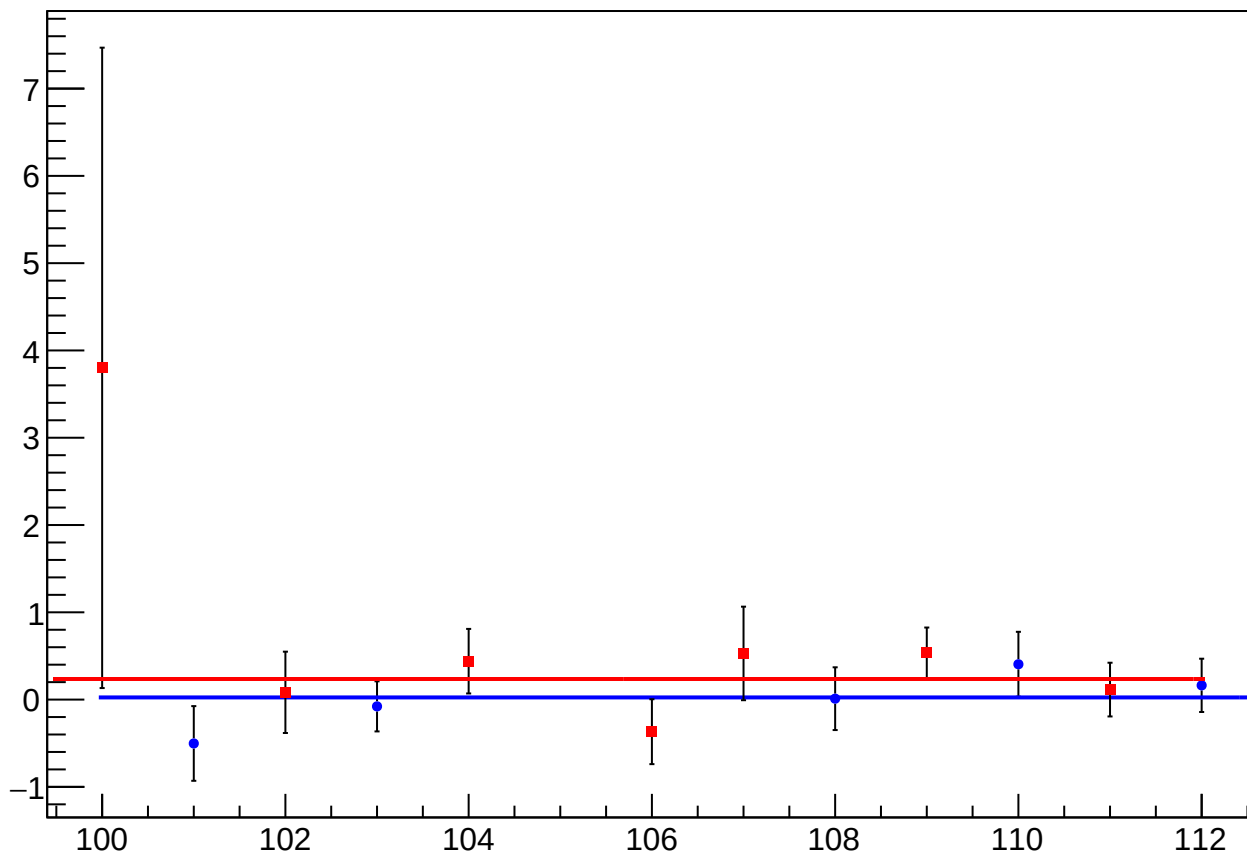
Right: 0.010+/-0.000 χ^2/NDF : 1953623.4/11

In: 0.012+/-0.000 χ^2/NDF : 739091.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 1953623.4/11

asym_atl2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.025+/-0.152 χ^2/NDF : 2.9/4

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

Right Out: 0.236+/-0.149 χ^2/NDF : 5.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

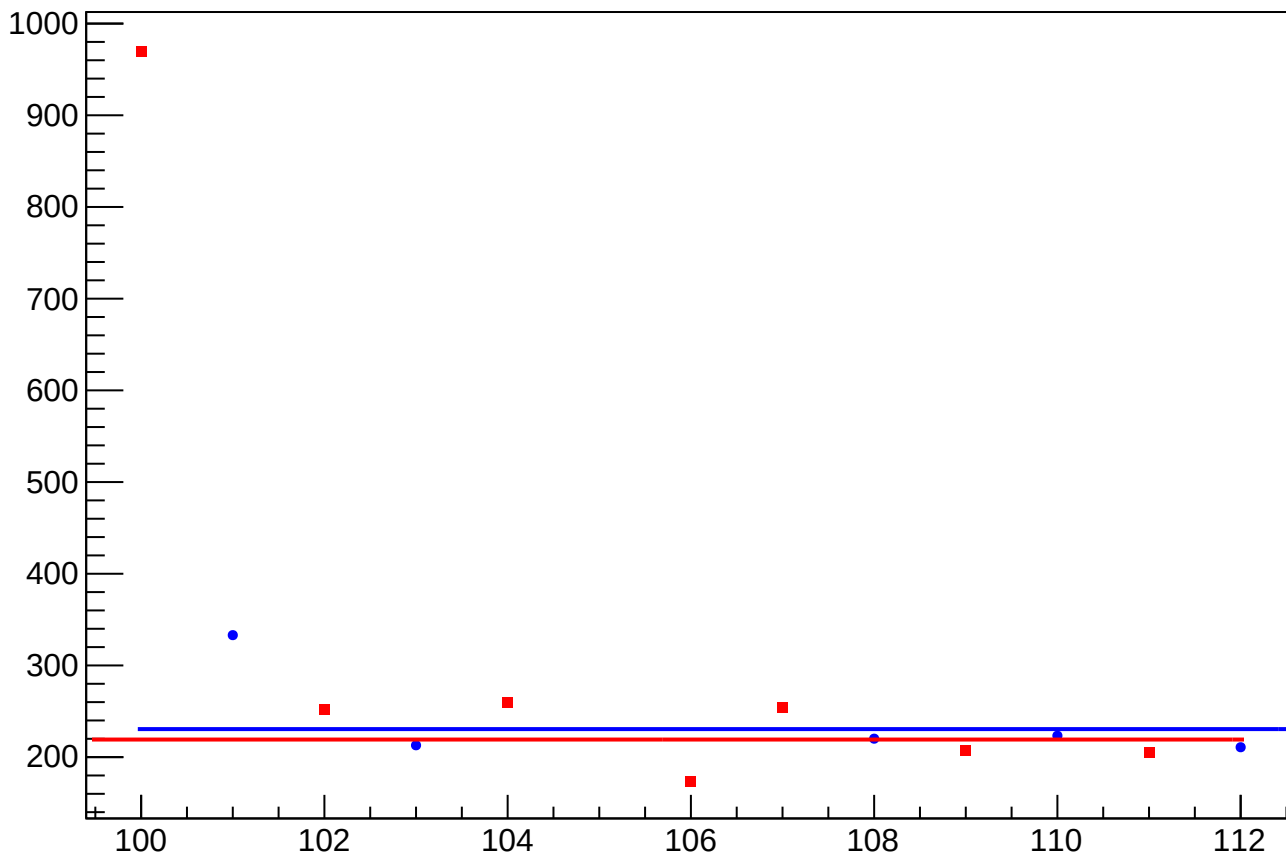
Right: 0.133+/-0.106 χ^2/NDF : 9.4/11

In: 0.025+/-0.152 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.133+/-0.106 χ^2/NDF : 9.4/11

asym_atl2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 230.584+/-0.107 χ^2/NDF : 133147.5/4

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

Right Out: 219.190+/-0.105 χ^2/NDF : 163740.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

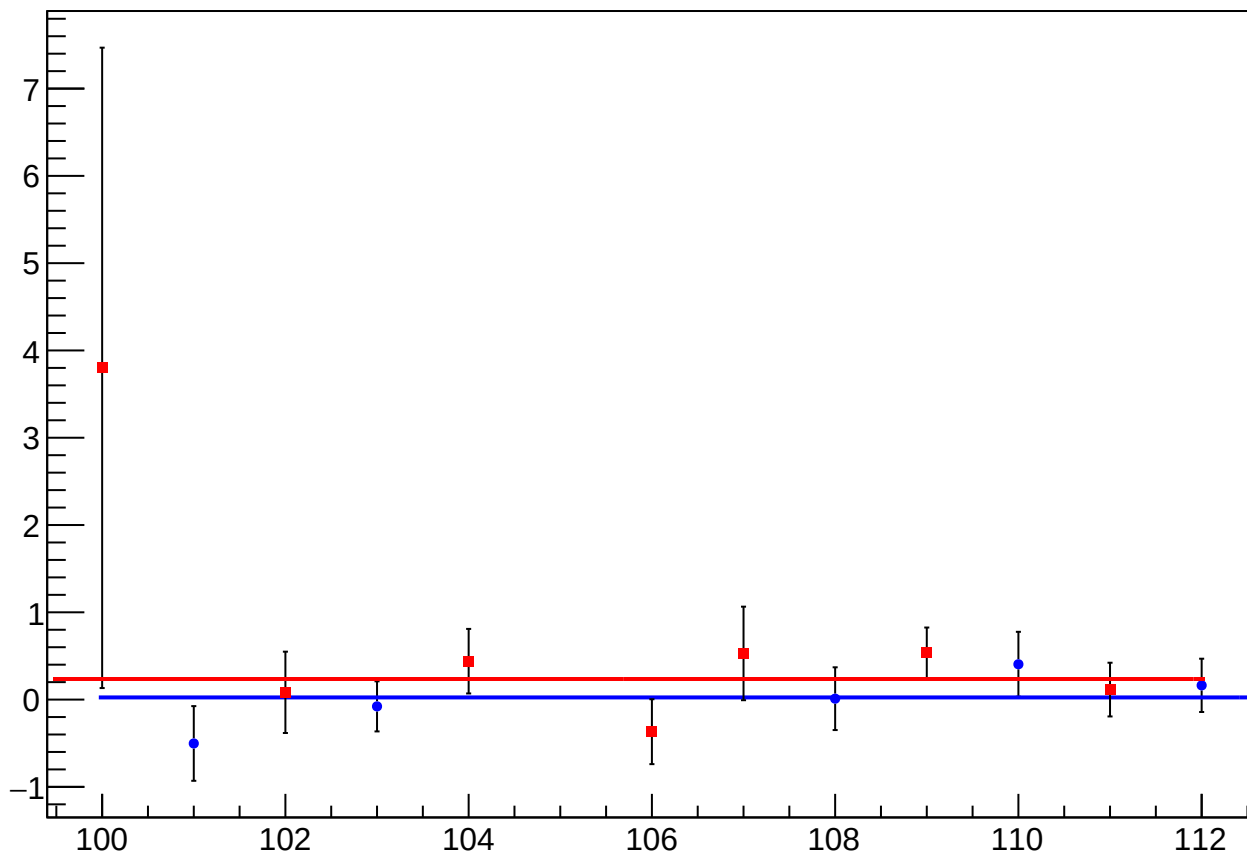
Right: 224.767+/-0.075 χ^2/NDF : 302631.6/11

In: 230.584+/-0.107 χ^2/NDF : 133147.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 224.767+/-0.075 χ^2/NDF : 302631.6/11

asym_atl2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.025+/-0.152 χ^2/NDF : 2.9/4

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

Right Out: 0.236+/-0.149 χ^2/NDF : 5.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

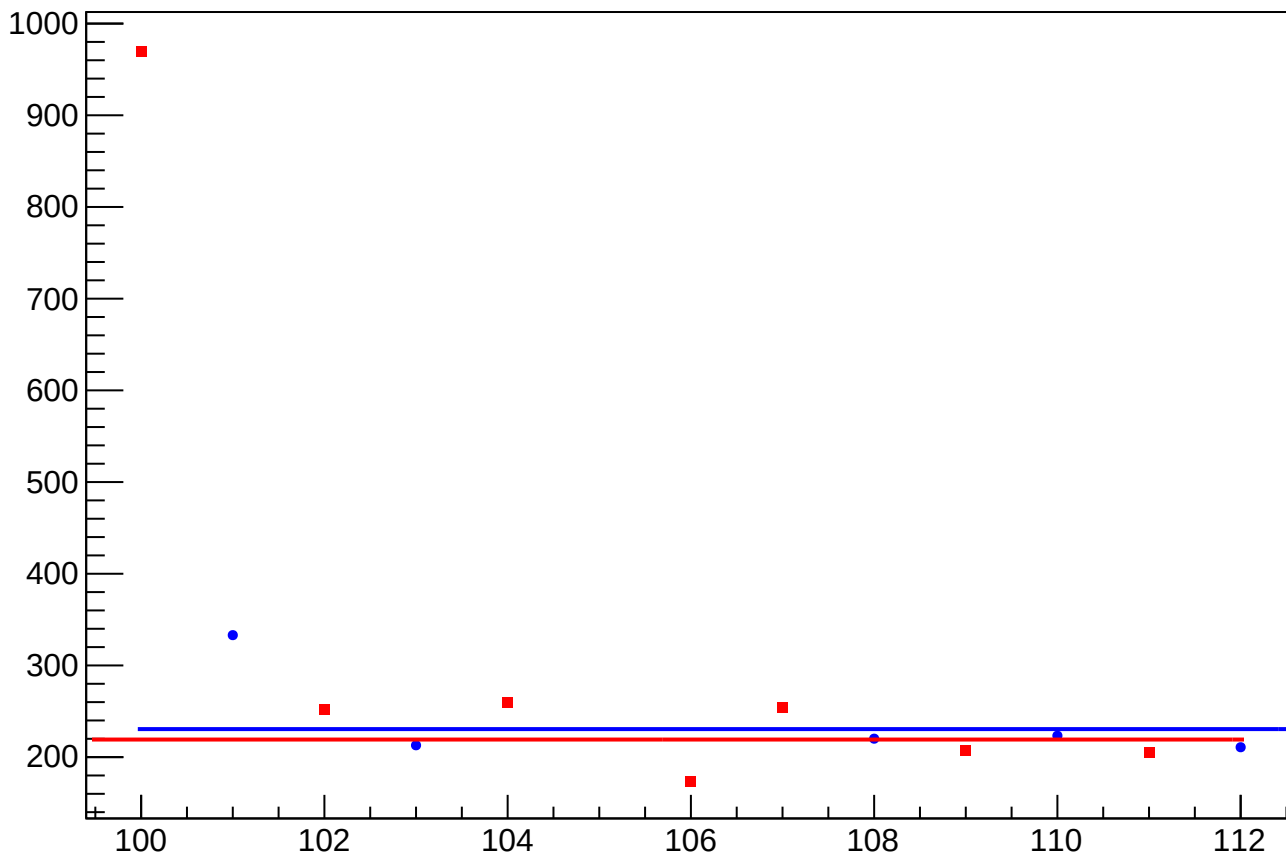
Right: 0.133+/-0.106 χ^2/NDF : 9.4/11

In: 0.025+/-0.152 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.133+/-0.106 χ^2/NDF : 9.4/11

asym_atl2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 230.584+/-0.107 χ^2/NDF : 133147.5/4

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

Right Out: 219.190+/-0.105 χ^2/NDF : 163740.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

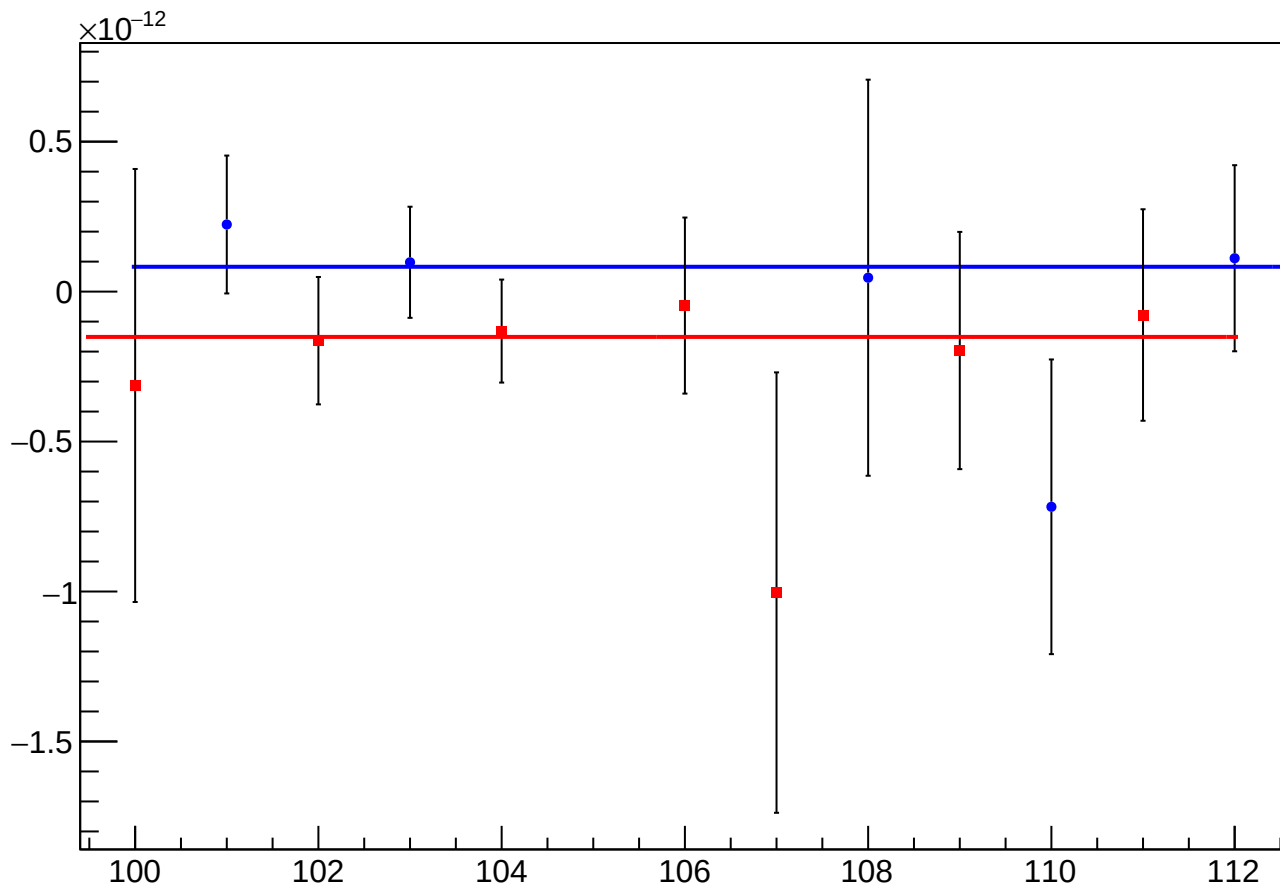
Right: 224.767+/-0.075 χ^2/NDF : 302631.6/11

In: 230.584+/-0.107 χ^2/NDF : 133147.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 224.767+/-0.075 χ^2/NDF : 302631.6/11

asym_atl2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 3.0/4

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

Right Out: -0.000 +/- 0.000 χ^2/NDF : 1.6/6

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

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

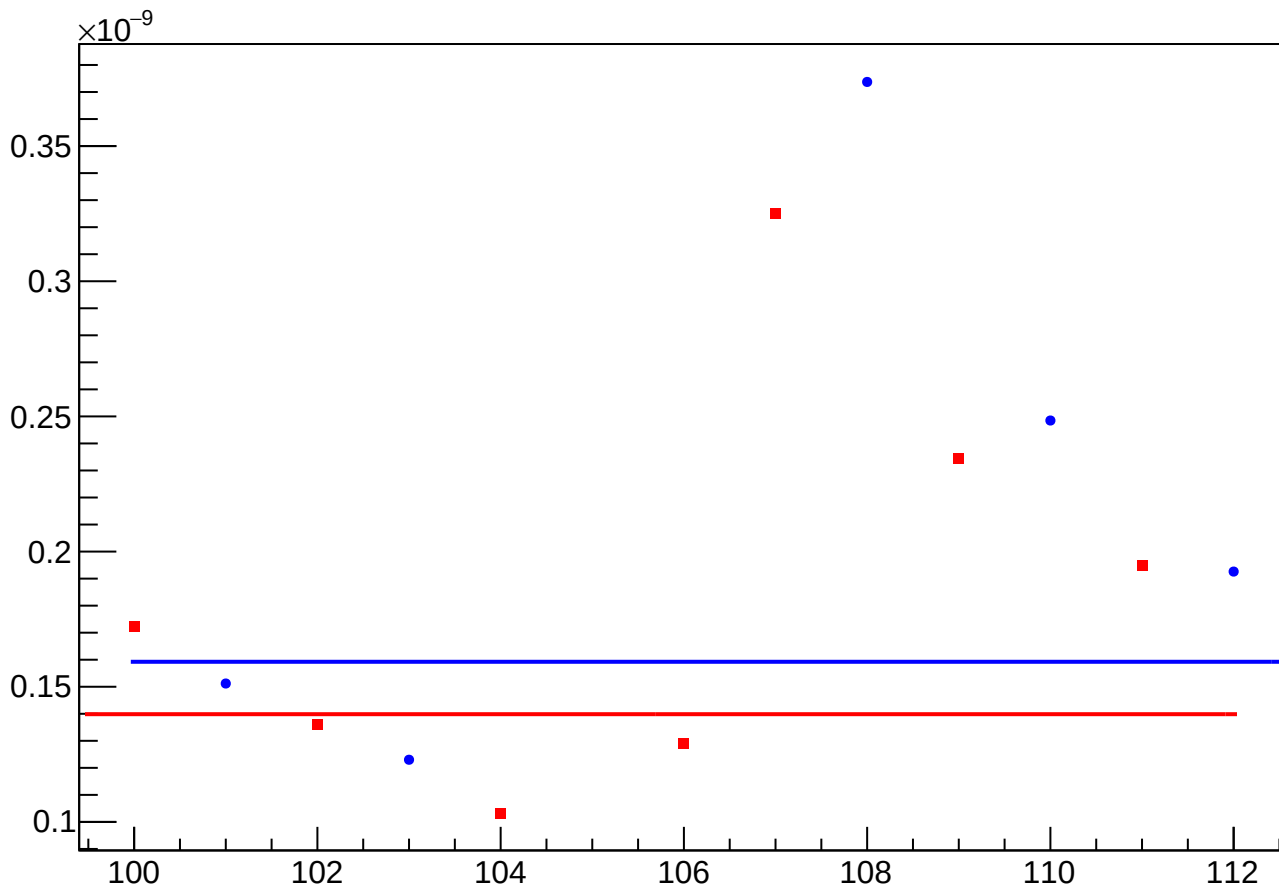
Right: -0.000 +/- 0.000 χ^2/NDF : 6.7/11

In: 0.000 +/- 0.000 χ^2/NDF : 3.0/4

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -0.000 +/- 0.000 χ^2/NDF : 6.7/11

asym_atl2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 379132.8/4

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

Right Out: 0.000+/-0.000 χ^2/NDF : 388910.4/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

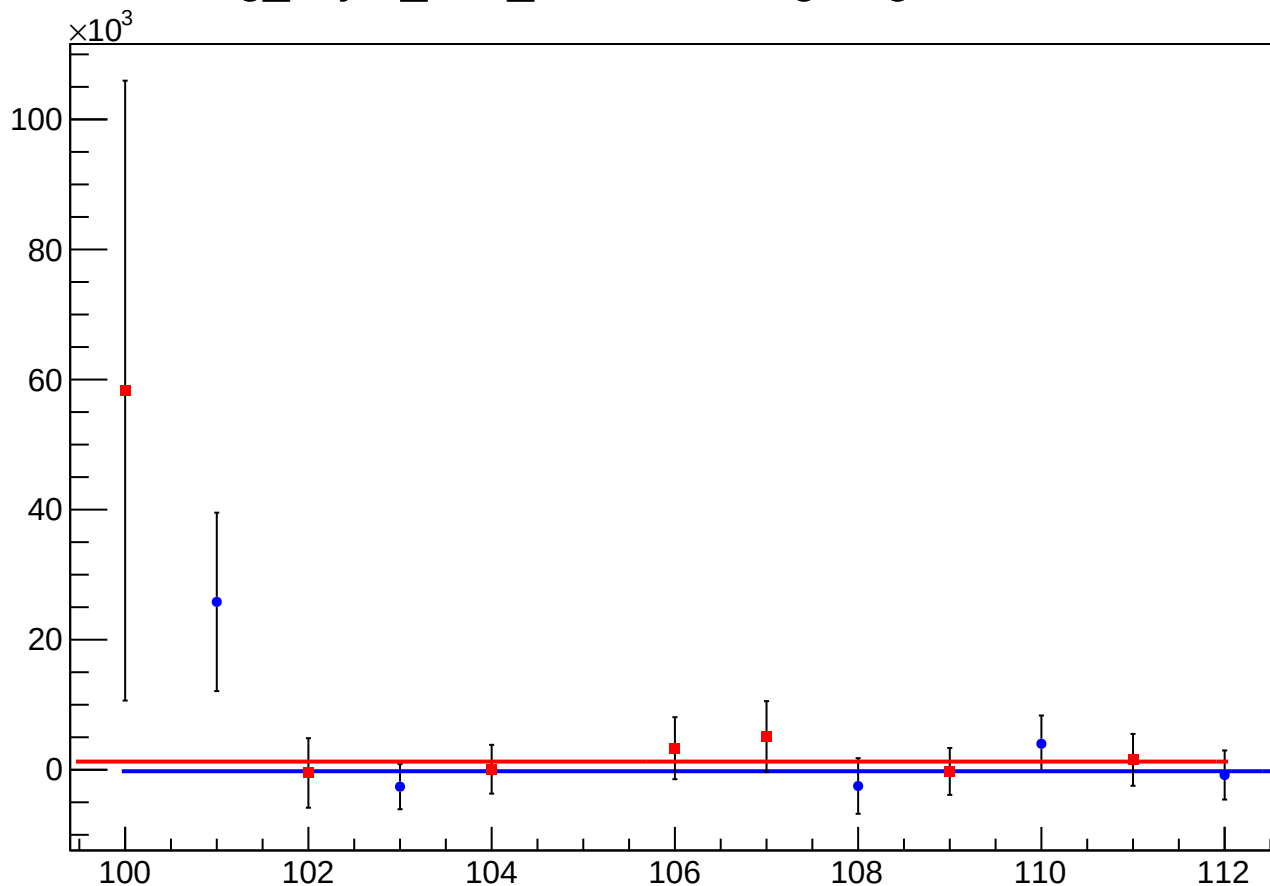
Right: 0.000+/-0.000 χ^2/NDF : 795833.9/11

In: 0.000+/-0.000 χ^2/NDF : 379132.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 795833.9/11

reg_asym_atr1_mean vs Slug, Sign Corrected



Right In: -221.981 ± 1937.889 χ^2/NDF : 5.3/4

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

Right Out: 1260.265 ± 1756.844 χ^2/NDF : 2.5/6

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

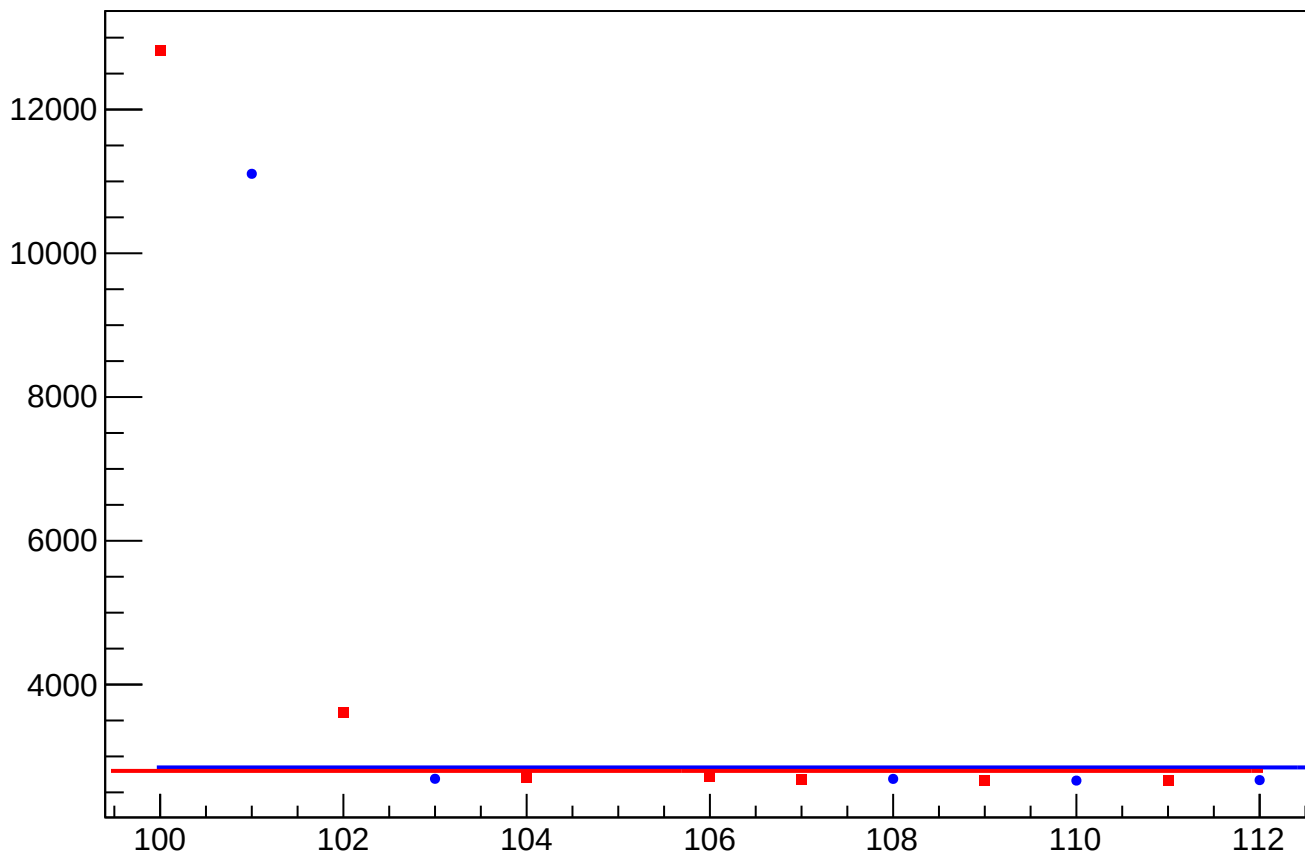
Right: 591.600 ± 1301.587 χ^2/NDF : 8.1/11

In: -221.981 ± 1937.889 χ^2/NDF : 5.3/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 591.600 ± 1301.587 χ^2/NDF : 8.1/11

reg_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2846.934+/-1.370 χ^2/NDF : 739914.1/4

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

Right Out: 2798.646+/-1.242 χ^2/NDF : 141858.4/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

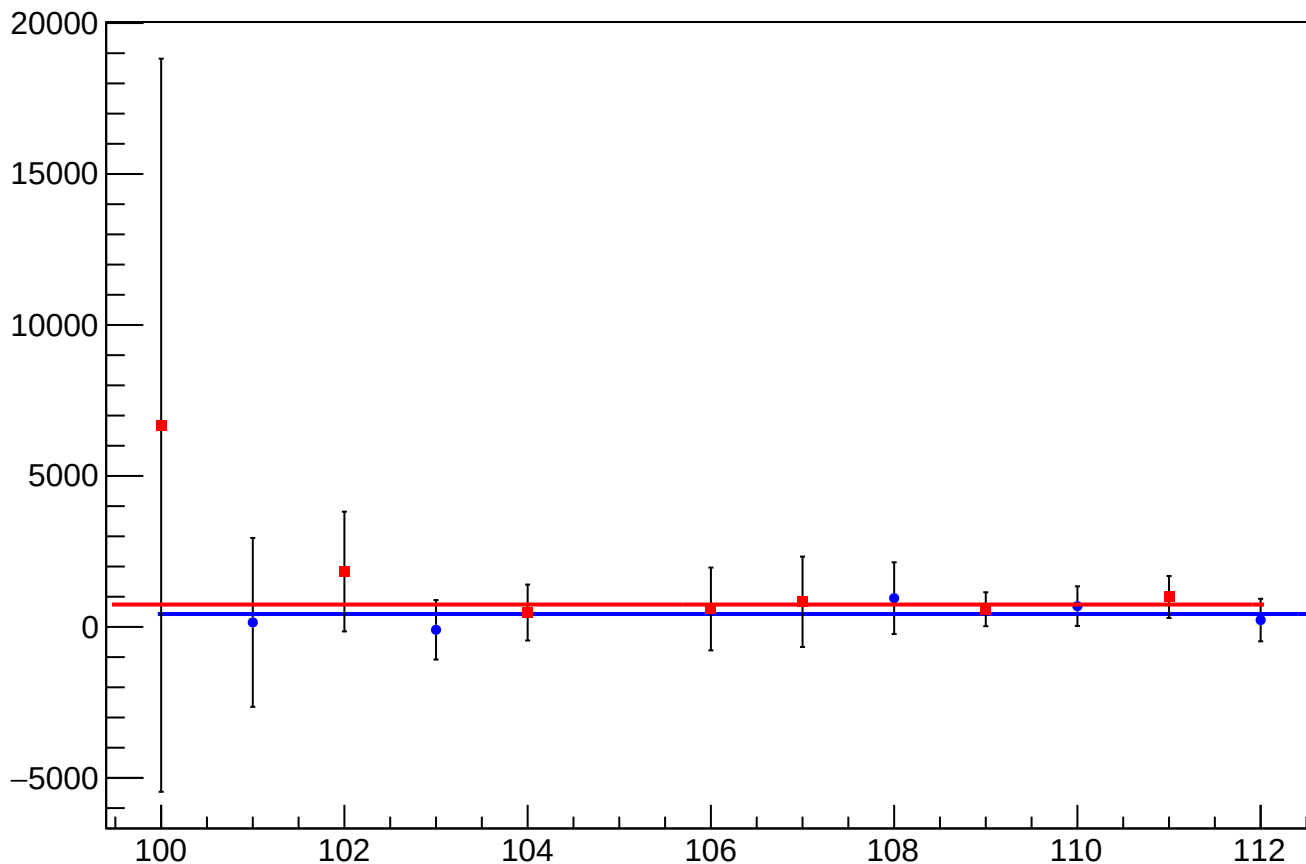
Right: 2820.430+/-0.920 χ^2/NDF : 882454.0/11

In: 2846.934+/-1.370 χ^2/NDF : 739914.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2820.430+/-0.920 χ^2/NDF : 882454.0/11

asym_atr1_reg_correction_mean vs Slug, Sign Corrected



Right In: 427.094+/-401.642 χ^2/NDF : 0.7/4

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

Right Out: 740.981+/-361.798 χ^2/NDF : 0.8/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

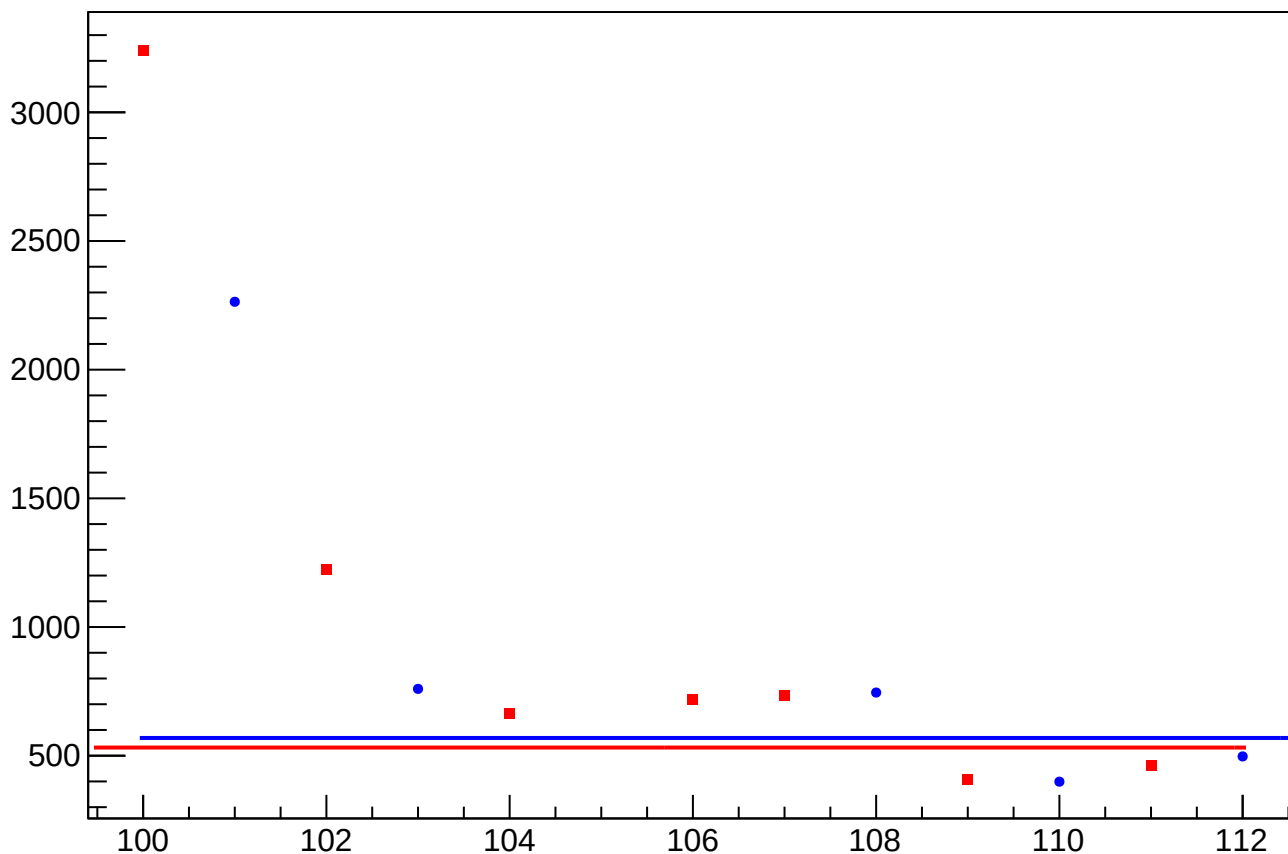
Right: 600.375+/-268.816 χ^2/NDF : 1.9/11

In: 427.094+/-401.642 χ^2/NDF : 0.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 600.375+/-268.816 χ^2/NDF : 1.9/11

asym_atr1_reg_correction_rms vs Slug, Sign Corrected



Right In: 568.949+/-0.284 χ^2/NDF : 1008041.3/4

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

Right Out: 531.652+/-0.256 χ^2/NDF : 576777.2/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

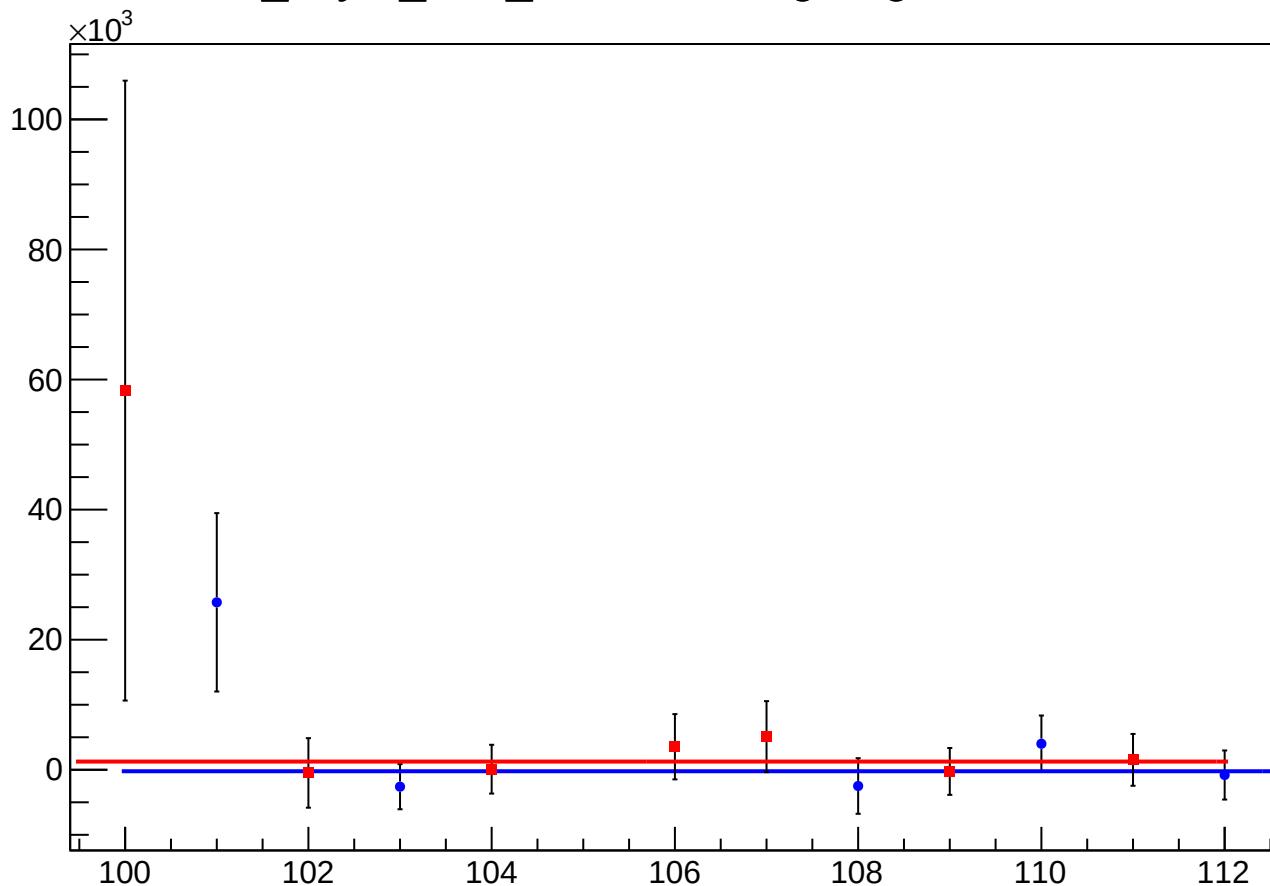
Right: 548.359+/-0.190 χ^2/NDF : 1594339.5/11

In: 568.949+/-0.284 χ^2/NDF : 1008041.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 548.359+/-0.190 χ^2/NDF : 1594339.5/11

cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: -224.139 ± 1937.890 χ^2/NDF : 5.3/4

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

Right Out: 1262.569 ± 1768.568 χ^2/NDF : 2.5/6

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

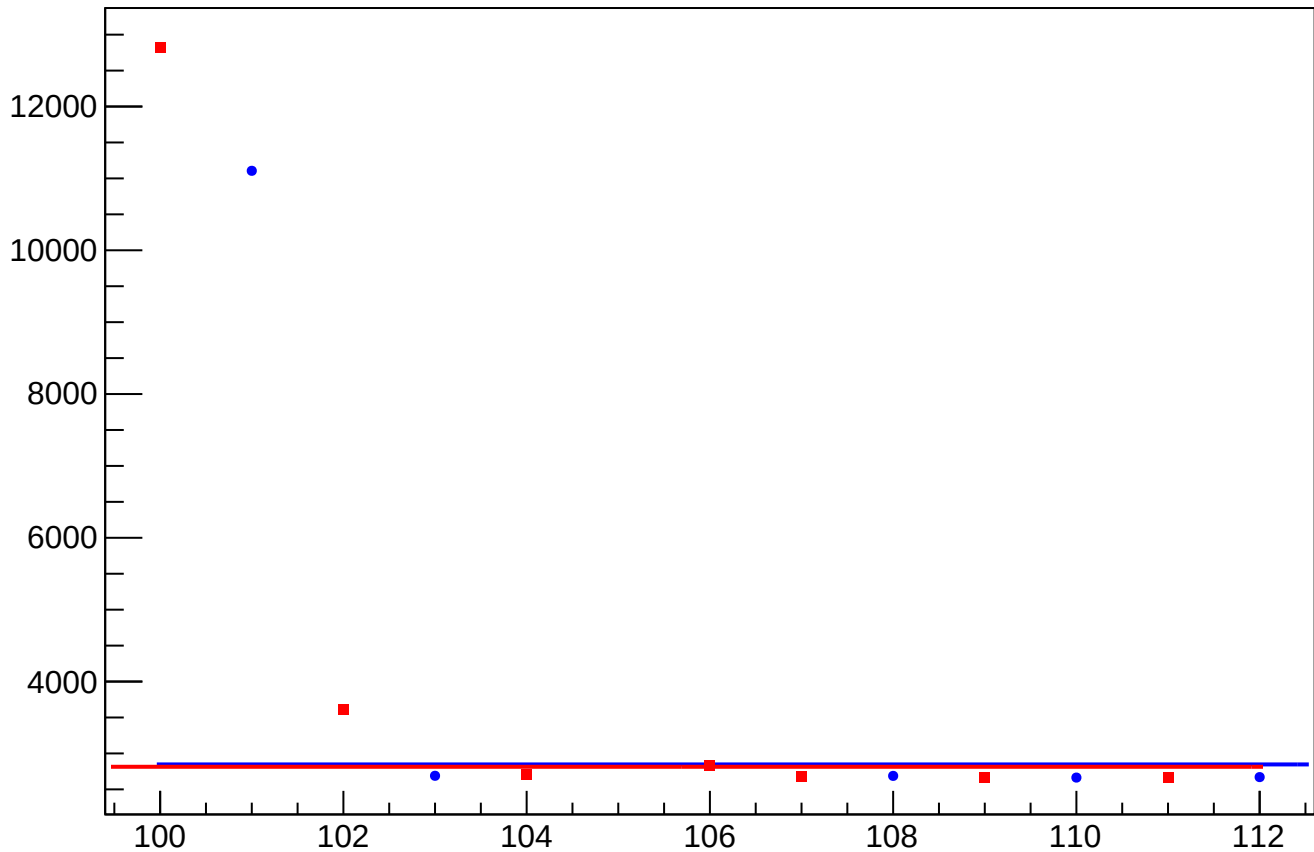
Right: 586.991 ± 1306.334 χ^2/NDF : 8.1/11

In: -224.139 ± 1937.890 χ^2/NDF : 5.3/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 586.991 ± 1306.334 χ^2/NDF : 8.1/11

cor_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2846.934+/-1.370 χ^2/NDF : 739913.2/4

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

Right Out: 2814.275+/-1.251 χ^2/NDF : 141305.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

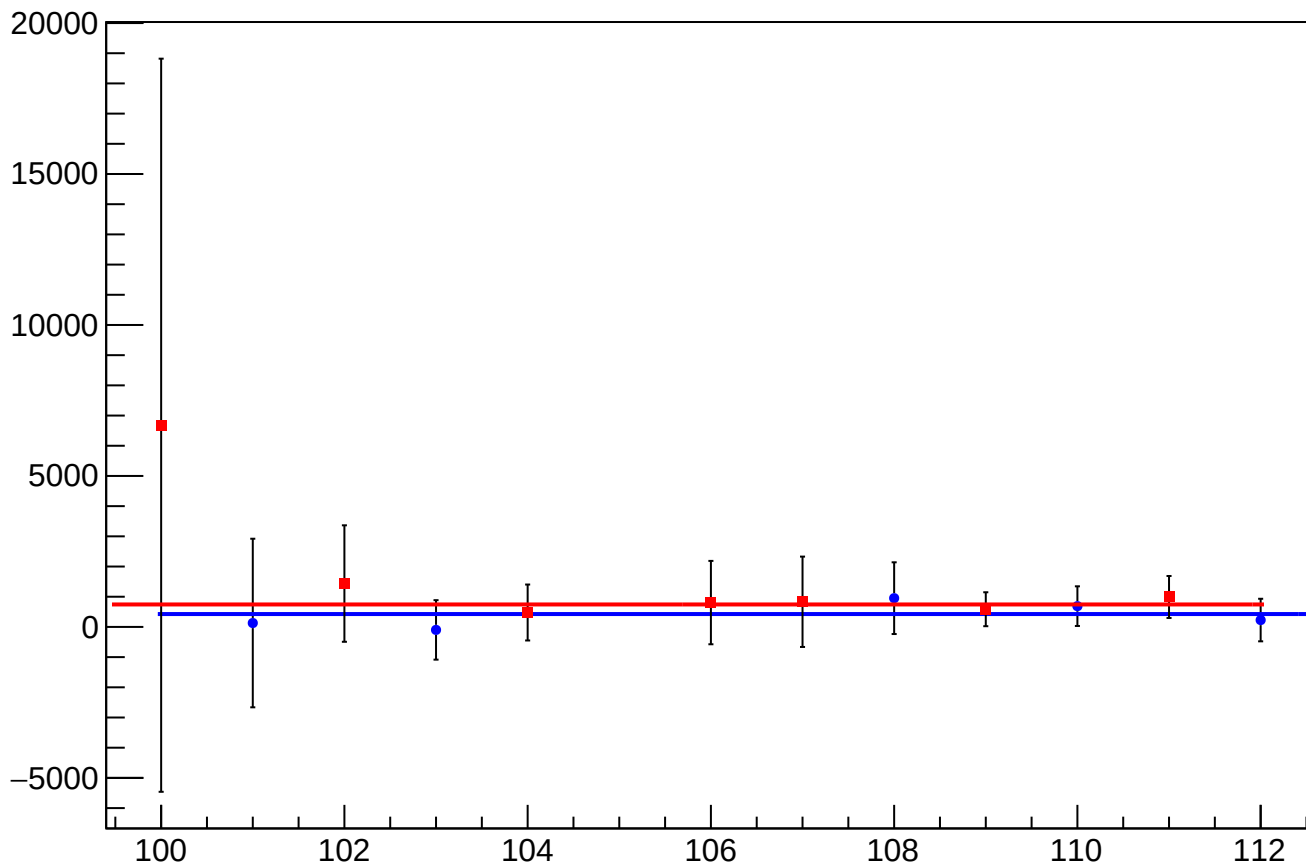
Right: 2829.115+/-0.924 χ^2/NDF : 881528.6/11

In: 2846.934+/-1.370 χ^2/NDF : 739913.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2829.115+/-0.924 χ^2/NDF : 881528.6/11

asym_atr1_cor_correction_mean vs Slug, Sign Corrected



Right In: 426.344+/-401.606 χ^2/NDF : 0.7/4

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

Right Out: 743.975+/-361.587 χ^2/NDF : 0.7/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

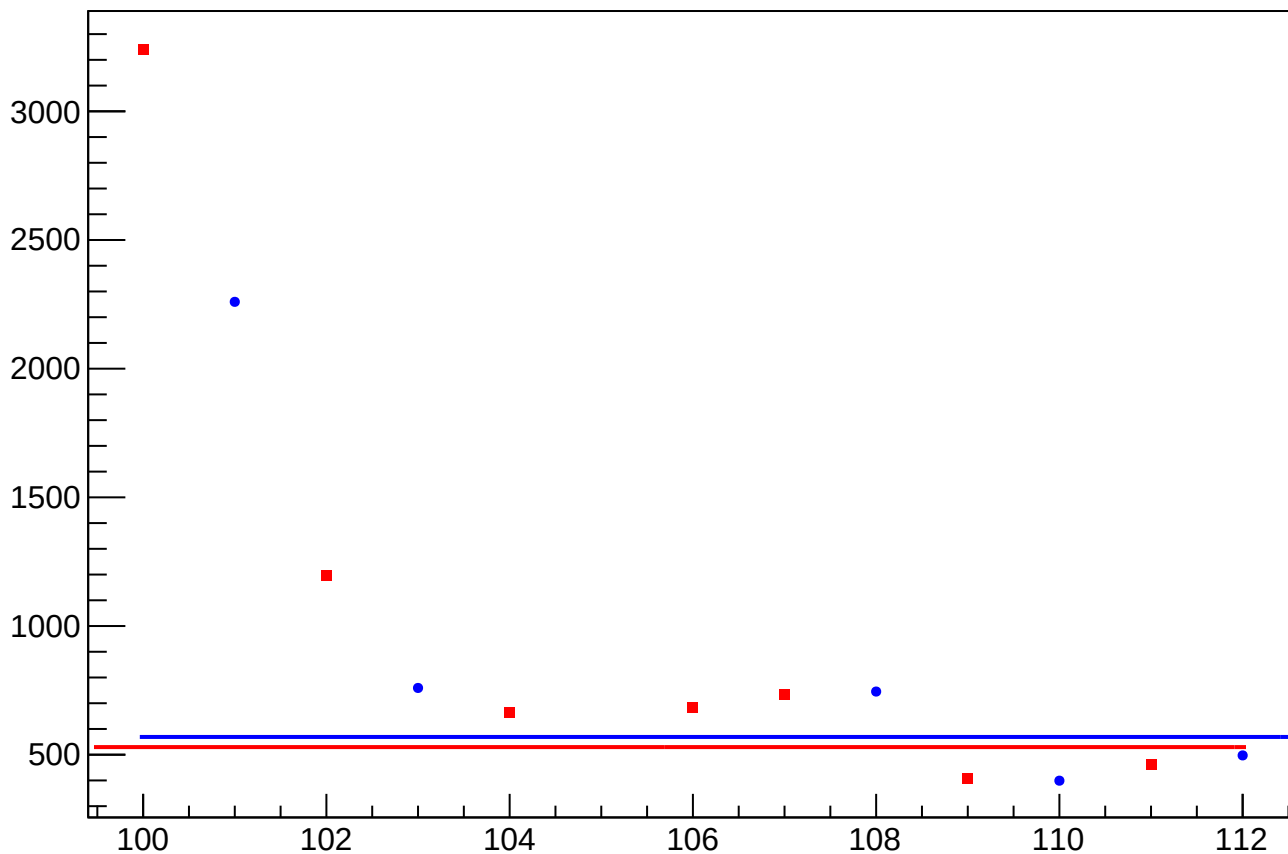
Right: 601.769+/-268.719 χ^2/NDF : 1.7/11

In: 426.344+/-401.606 χ^2/NDF : 0.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 601.769+/-268.719 χ^2/NDF : 1.7/11

asym_atr1_cor_correction_rms vs Slug, Sign Corrected



Right In: 568.980+/-0.284 χ^2/NDF : 1007030.7/4

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

Right Out: 529.588+/-0.256 χ^2/NDF : 560088.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

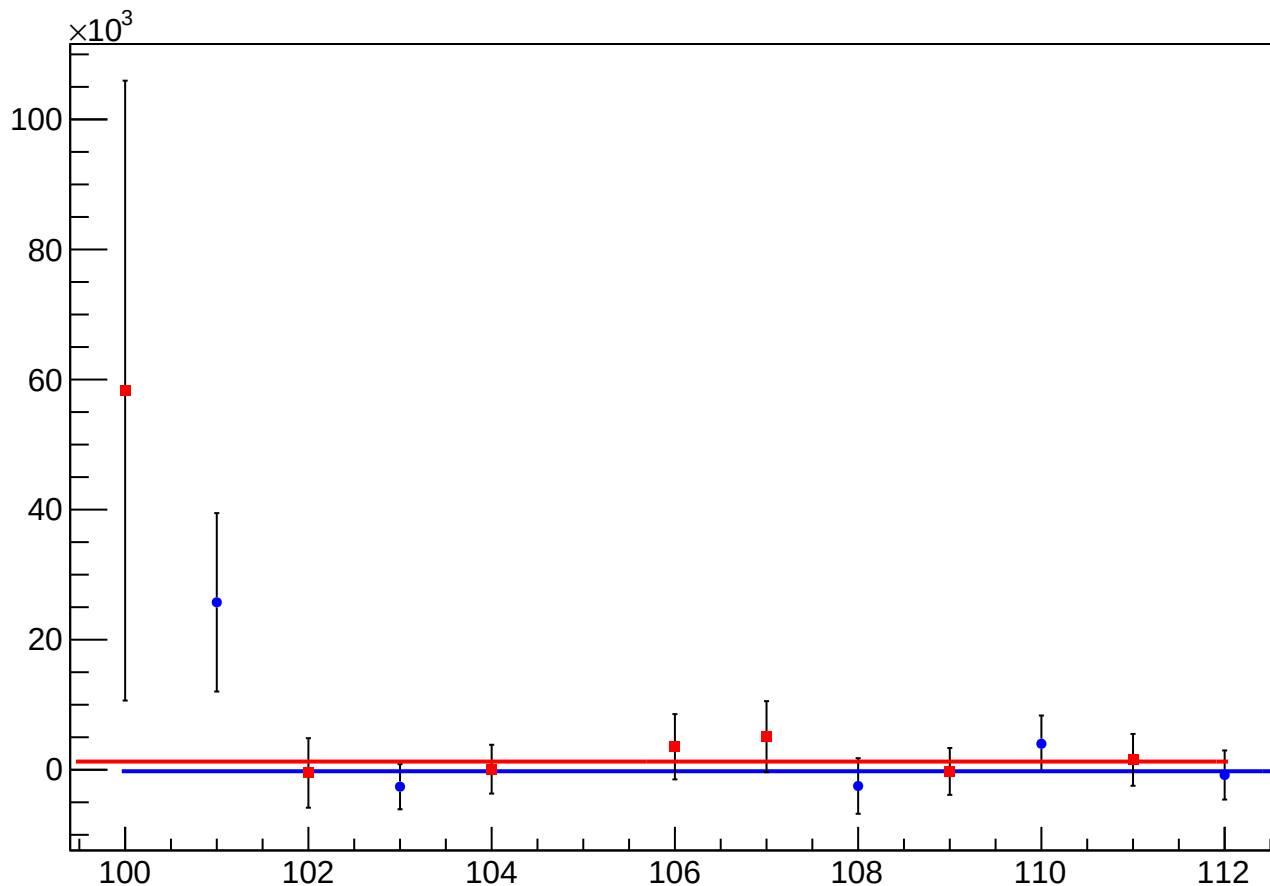
Right: 547.224+/-0.190 χ^2/NDF : 1577746.2/11

In: 568.980+/-0.284 χ^2/NDF : 1007030.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 547.224+/-0.190 χ^2/NDF : 1577746.2/11

eigen_cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: -224.139+/-1937.890 χ^2/NDF : 5.3/4

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

Right Out: 1262.569+/-1768.568 χ^2/NDF : 2.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

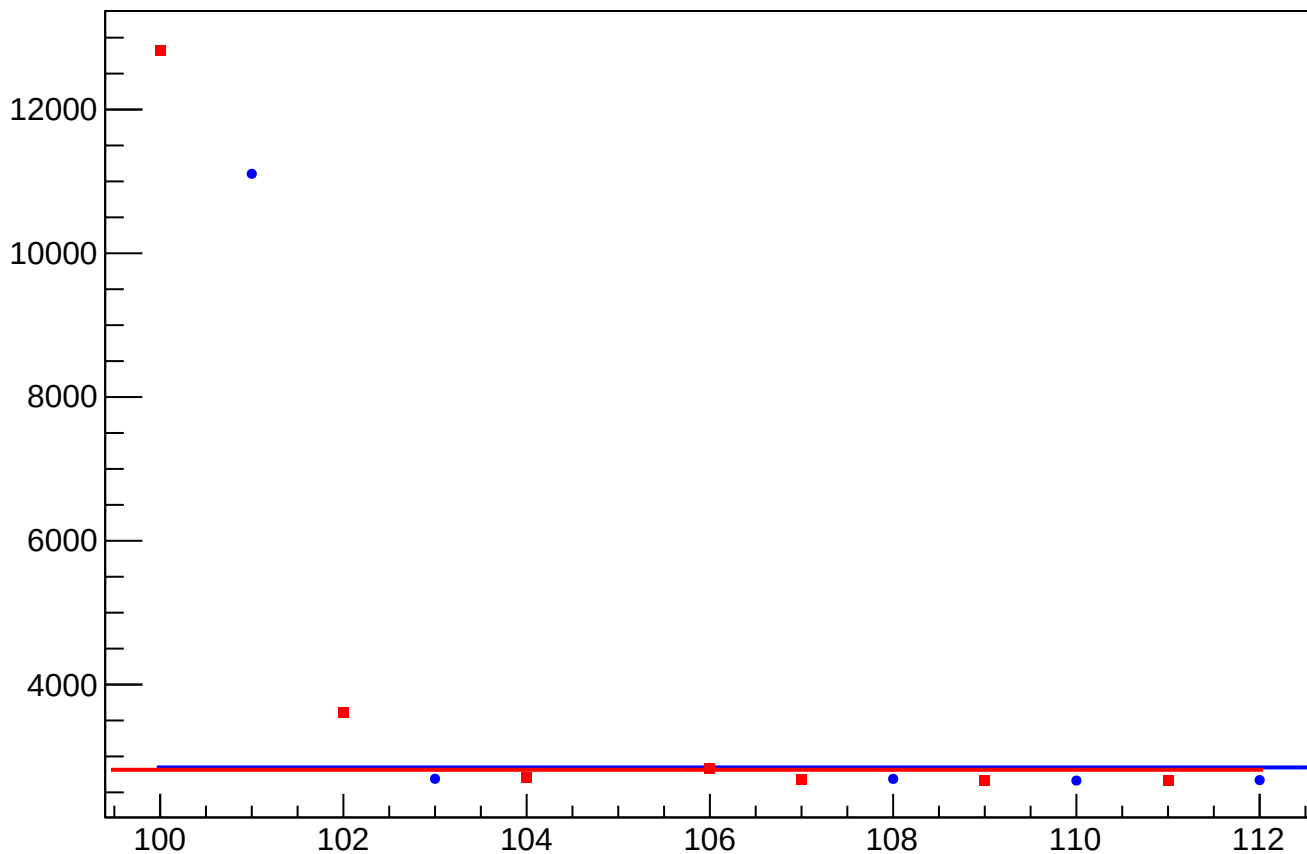
Right: 586.991+/-1306.334 χ^2/NDF : 8.1/11

In: -224.139+/-1937.890 χ^2/NDF : 5.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 586.991+/-1306.334 χ^2/NDF : 8.1/11

eigen_cor_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2846.934+/-1.370 χ^2/NDF : 739913.2/4

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

Right Out: 2814.275+/-1.251 χ^2/NDF : 141305.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

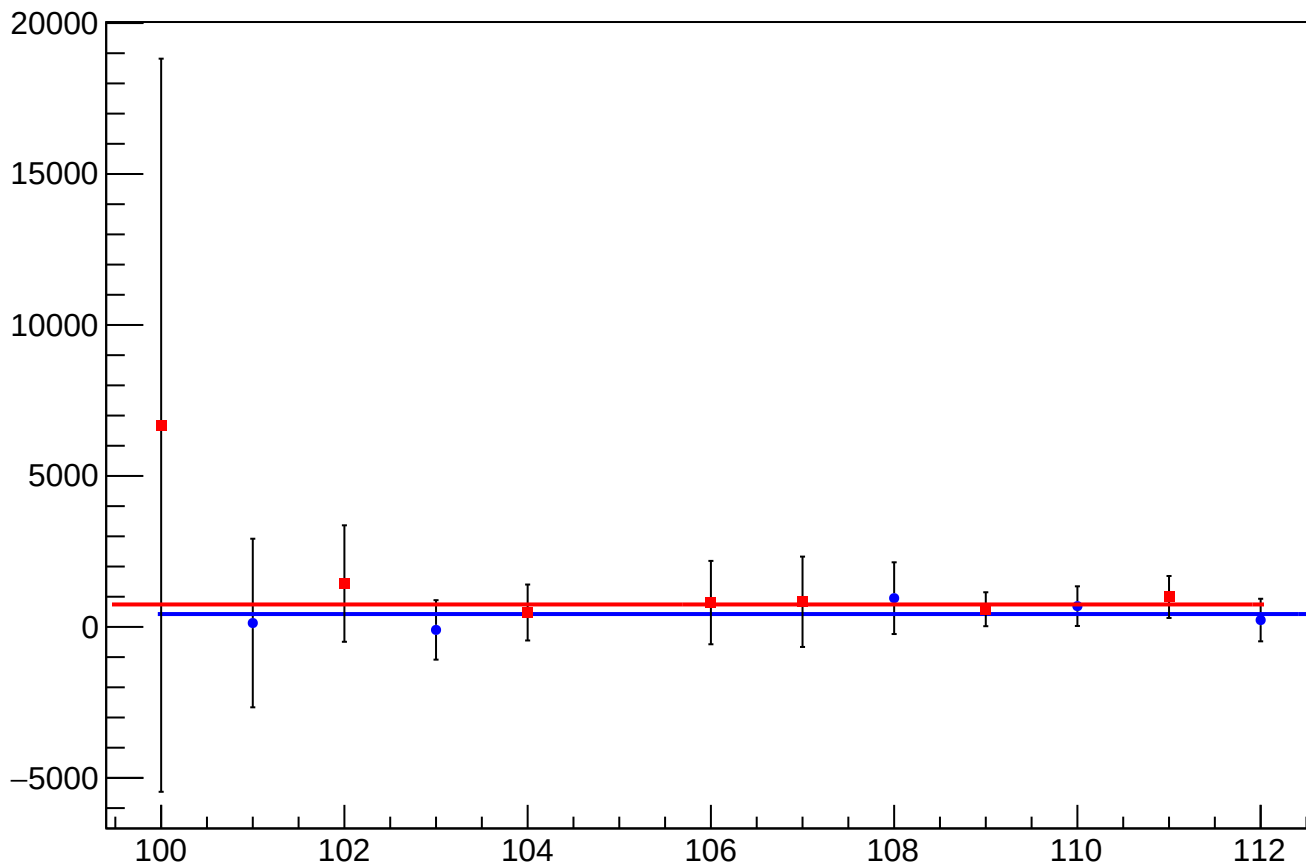
Right: 2829.115+/-0.924 χ^2/NDF : 881528.6/11

In: 2846.934+/-1.370 χ^2/NDF : 739913.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2829.115+/-0.924 χ^2/NDF : 881528.6/11

asym_atr1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 426.344+/-401.606 χ^2/NDF : 0.7/4

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

Right Out: 743.975+/-361.587 χ^2/NDF : 0.7/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

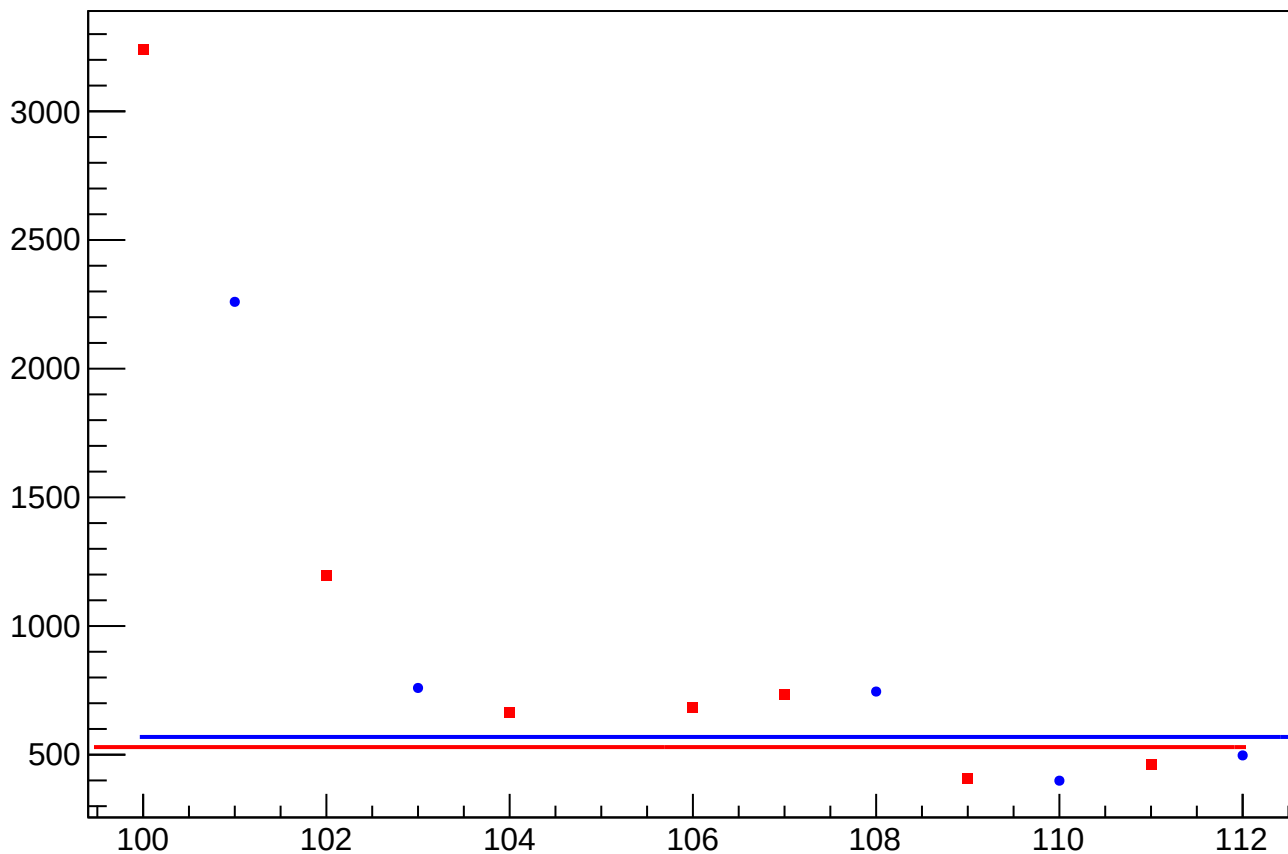
Right: 601.769+/-268.719 χ^2/NDF : 1.7/11

In: 426.344+/-401.606 χ^2/NDF : 0.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 601.769+/-268.719 χ^2/NDF : 1.7/11

asym_atr1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 568.980+/-0.284 χ^2/NDF : 1007030.7/4

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

Right Out: 529.588+/-0.256 χ^2/NDF : 560088.5/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

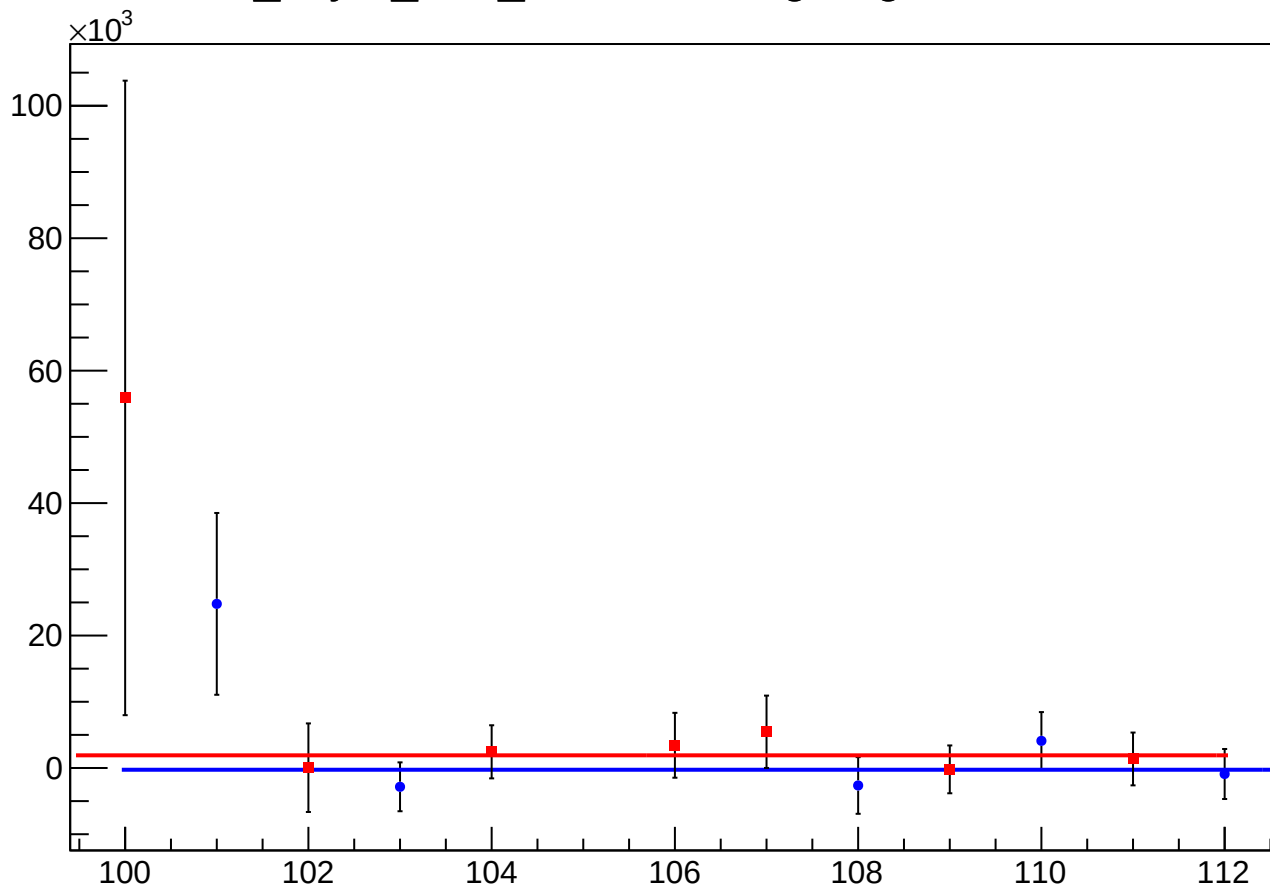
Right: 547.224+/-0.190 χ^2/NDF : 1577746.2/11

In: 568.980+/-0.284 χ^2/NDF :1007030.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 547.224+/-0.190 χ^2/NDF : 1577746.2/11

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: -264.113±1974.618 χ^2/NDF : 5.2/4

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

Right Out: 1913.166±/-1826.371 χ^2/NDF : 2.2/6

Left In: 0.000±/-0.000 χ^2/NDF :0.0/0

Left: 0.000±/-0.000 χ^2/NDF : 0.0/0

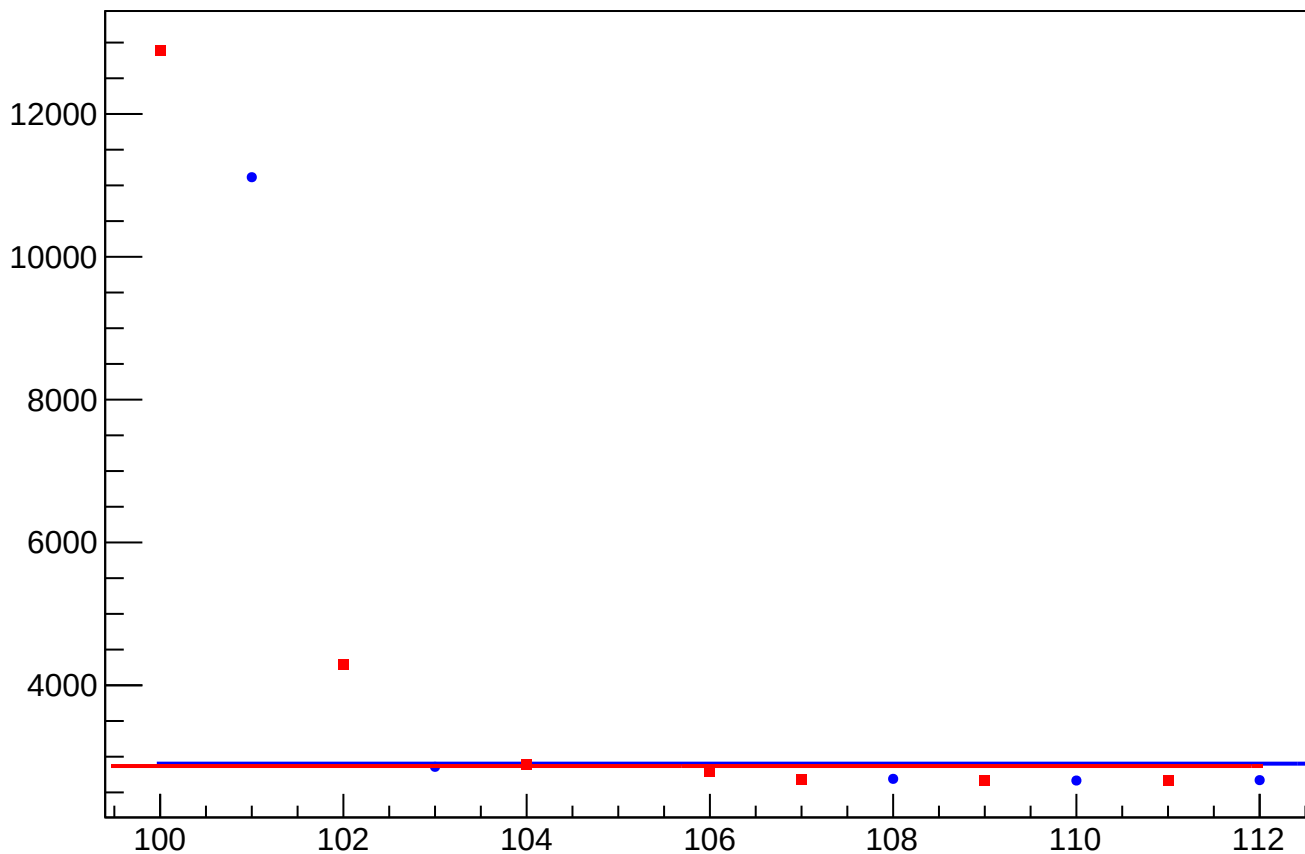
Right: 909.317±/-1340.789 χ^2/NDF : 8.1/11

In: -264.113±/-1974.618 χ^2/NDF :5.2/4

Out: 0.000±/-0.000 χ^2/NDF :0.0/0

All: 909.317±/-1340.789 χ^2/NDF : 8.1/11

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2902.697+/-1.396 χ^2/NDF : 734353.6/4

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

Right Out: 2869.487+/-1.291 χ^2/NDF : 192696.0/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

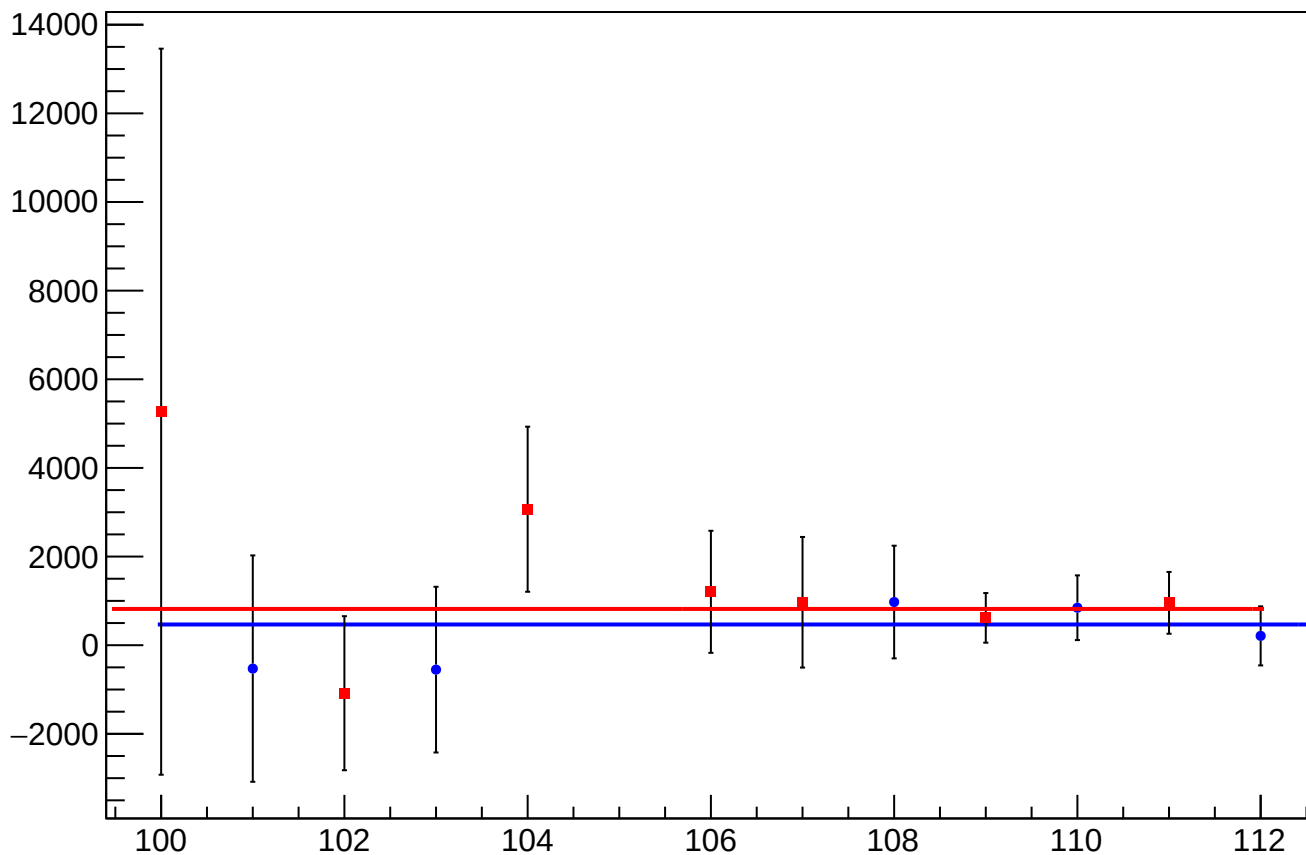
Right: 2884.799+/-0.948 χ^2/NDF : 927354.5/11

In: 2902.697+/-1.396 χ^2/NDF : 734353.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2884.799+/-0.948 χ^2/NDF : 927354.5/11

asym_atr1_dit_correction_mean vs Slug, Sign Corrected



Right In: 467.546+/-439.062 χ^2/NDF : 1.0/4

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

Right Out: 818.213+/-381.578 χ^2/NDF : 3.2/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

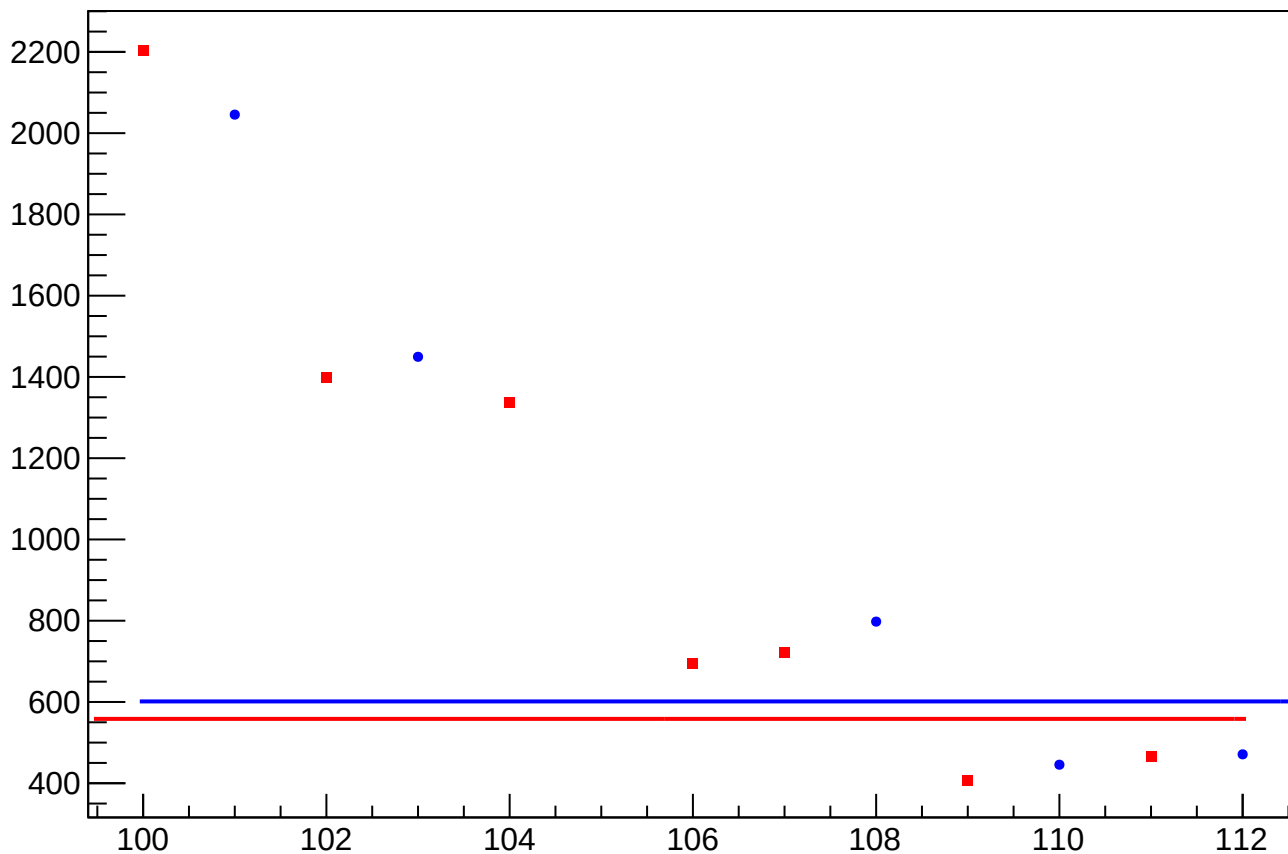
Right: 667.323+/-288.011 χ^2/NDF : 4.6/11

In: 467.546+/-439.062 χ^2/NDF : 1.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 667.323+/-288.011 χ^2/NDF : 4.6/11

asym_atr1_dit_correction_rms vs Slug, Sign Corrected



Right In: 601.371+/-0.310 χ^2/NDF : 1266493.0/4

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

Right Out: 558.394+/-0.270 χ^2/NDF : 1123526.4/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

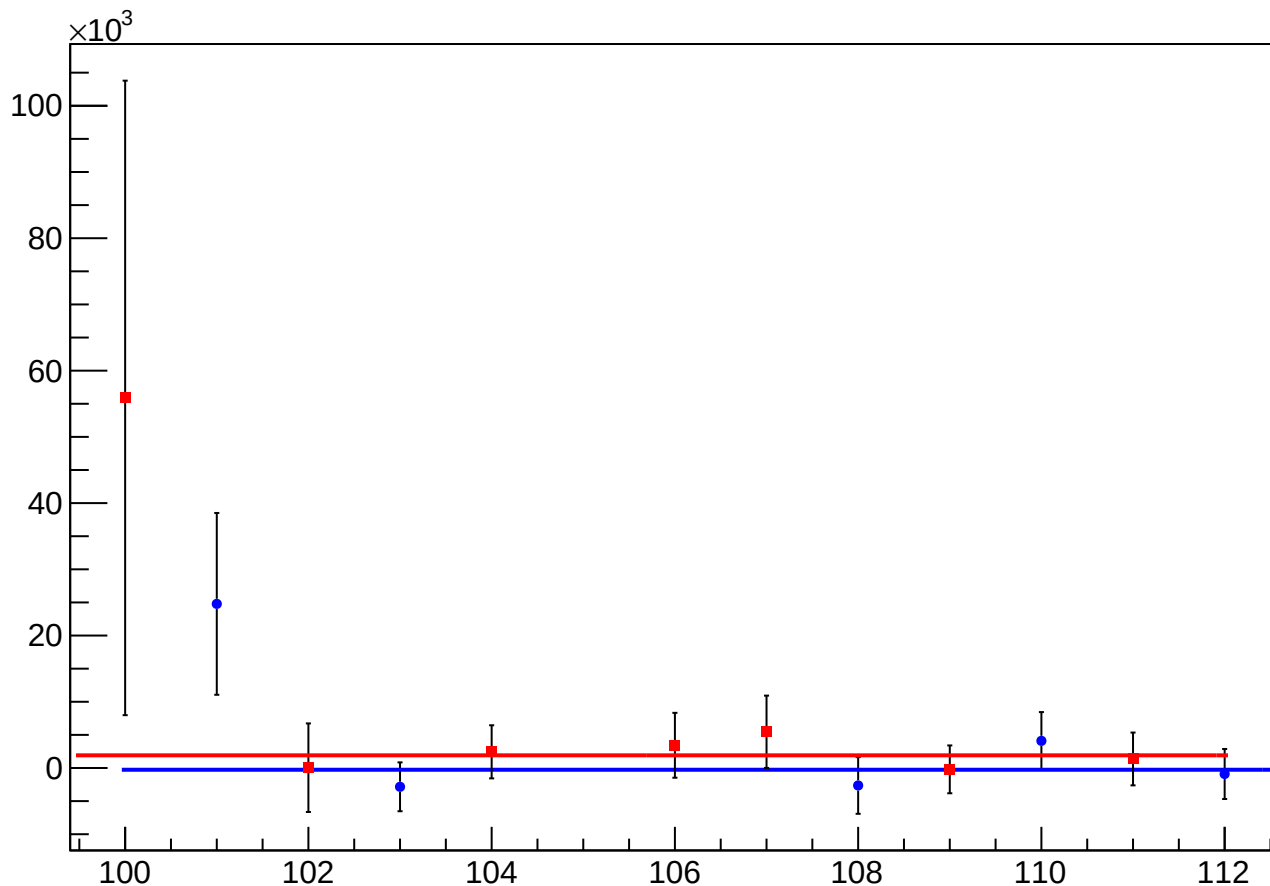
Right: 576.886+/-0.204 χ^2/NDF : 2400936.5/11

In: 601.371+/-0.310 χ^2/NDF :1266493.0/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 576.886+/-0.204 χ^2/NDF : 2400936.5/11

eigen_dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: -264.112 ± 1974.618 χ^2/NDF : 5.2/4

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

Right Out: 1913.159 ± 1826.370 χ^2/NDF : 2.2/6

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

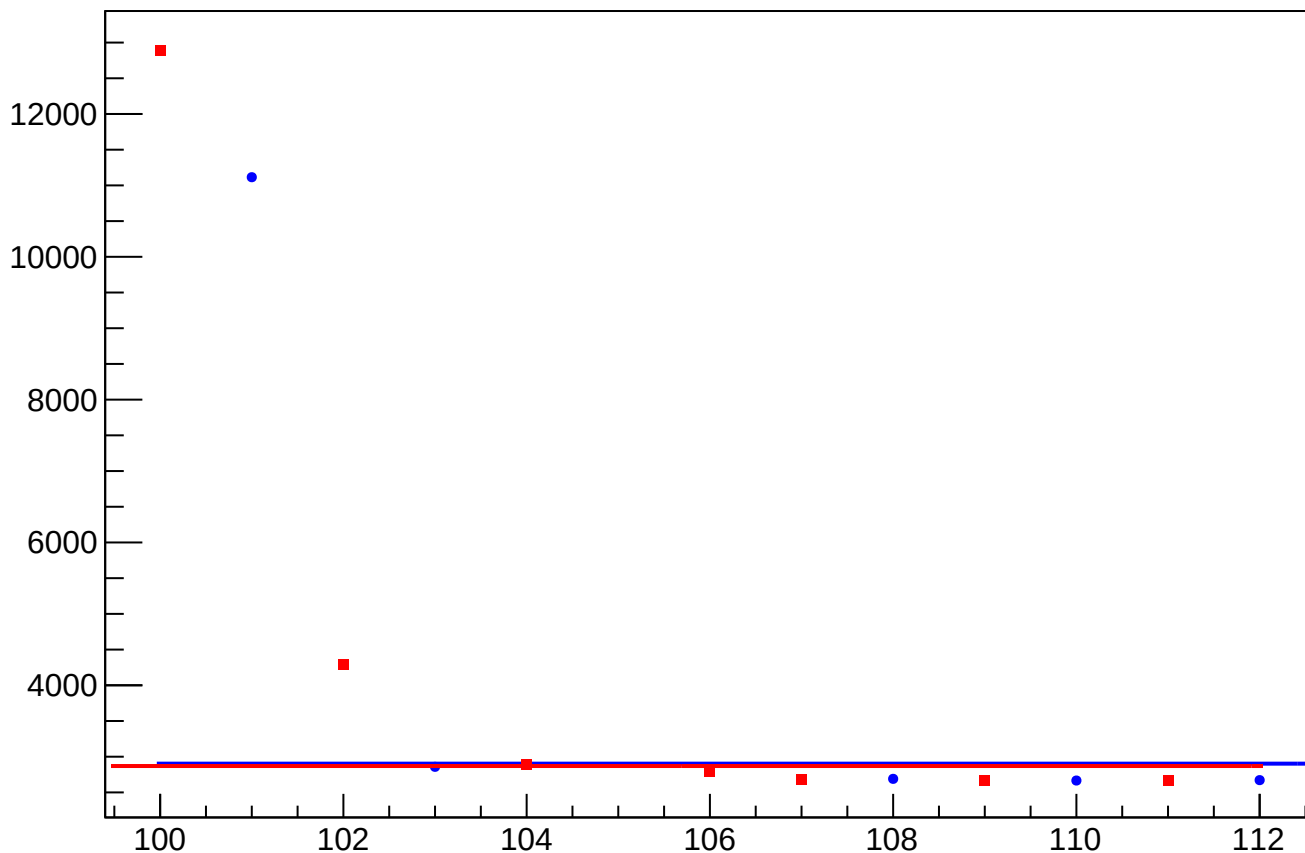
Right: 909.313 ± 1340.789 χ^2/NDF : 8.1/11

In: -264.112 ± 1974.618 χ^2/NDF : 5.2/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 909.313 ± 1340.789 χ^2/NDF : 8.1/11

eigen_dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2902.697+/-1.396 χ^2/NDF : 734353.6/4

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

Right Out: 2869.487+/-1.291 χ^2/NDF : 192695.8/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

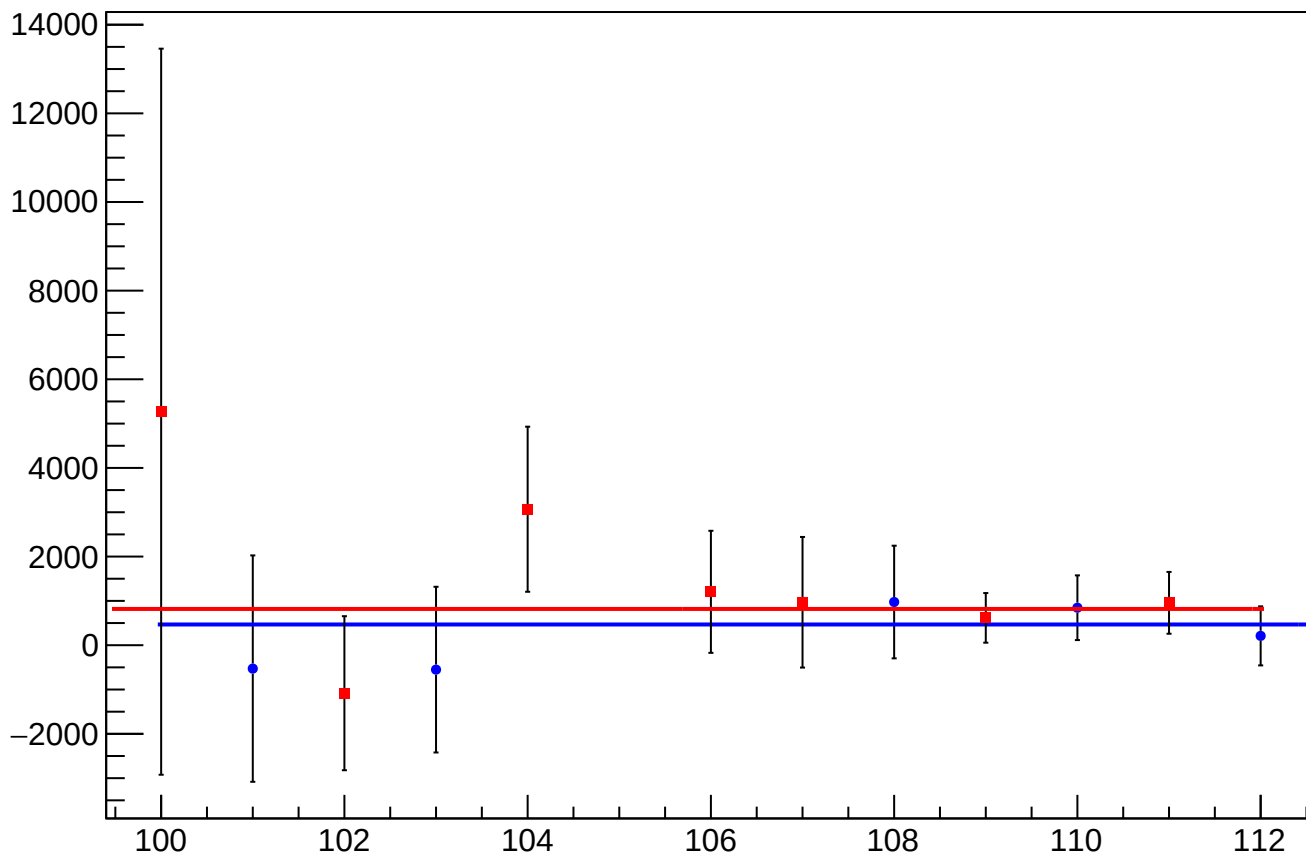
Right: 2884.799+/-0.948 χ^2/NDF : 927354.3/11

In: 2902.697+/-1.396 χ^2/NDF : 734353.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2884.799+/-0.948 χ^2/NDF : 927354.3/11

asym_atr1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 467.549+/-439.063 χ^2/NDF : 1.0/4

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

Right Out: 818.210+/-381.578 χ^2/NDF : 3.2/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

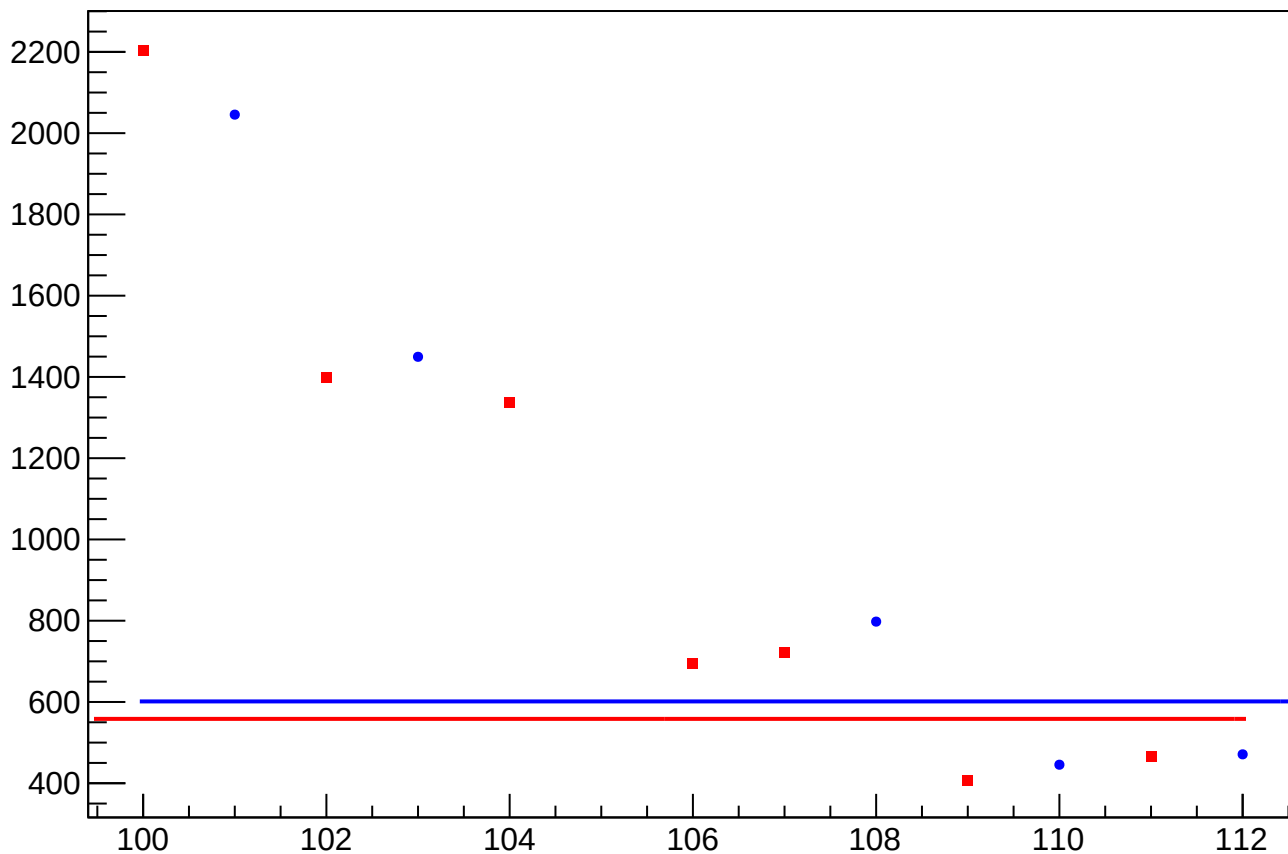
Right: 667.323+/-288.011 χ^2/NDF : 4.6/11

In: 467.549+/-439.063 χ^2/NDF : 1.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 667.323+/-288.011 χ^2/NDF : 4.6/11

asym_atr1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 601.373+/-0.310 χ^2/NDF : 1266485.1/4

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

Right Out: 558.394+/-0.270 χ^2/NDF : 1123522.6/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

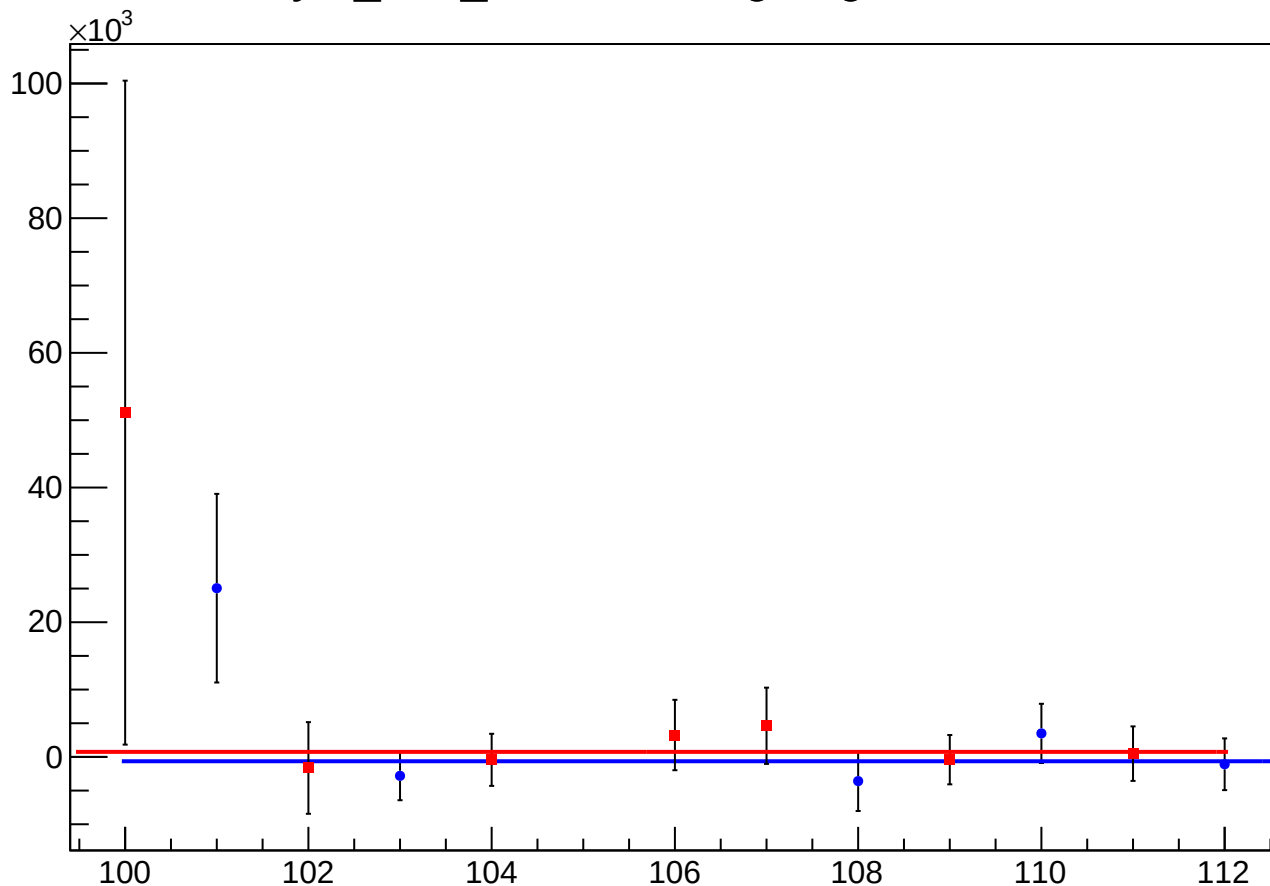
Right: 576.887+/-0.204 χ^2/NDF : 2400925.5/11

In: 601.373+/-0.310 χ^2/NDF : 1266485.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 576.887+/-0.204 χ^2/NDF : 2400925.5/11

asym_atr1_mean vs Slug, Sign Corrected



Right In: -644.270+/-1993.131 χ^2/NDF : 5.1/4

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

Right Out: 747.804+/-1849.520 χ^2/NDF : 2.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

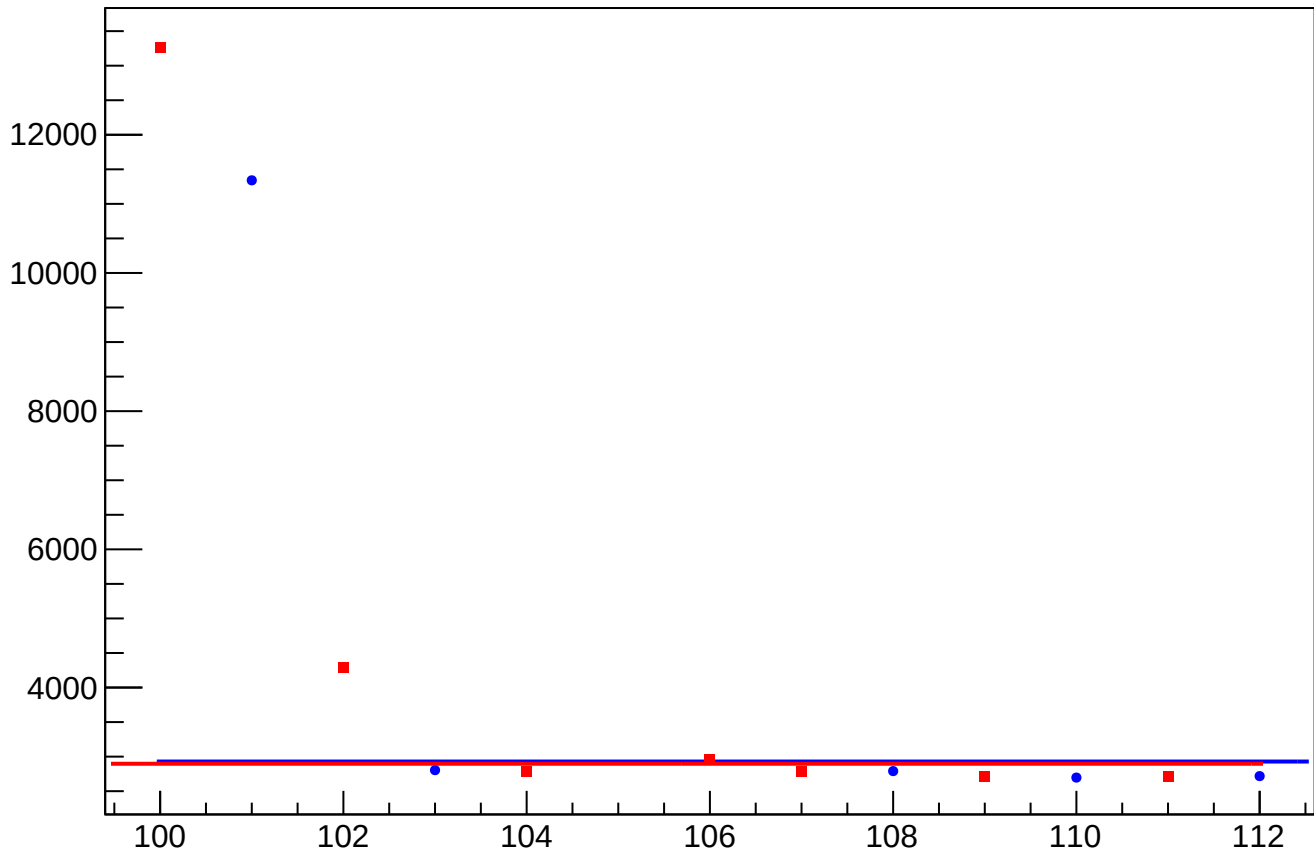
Right: 103.720+/-1355.738 χ^2/NDF : 7.4/11

In: -644.270+/-1993.131 χ^2/NDF : 5.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.720+/-1355.738 χ^2/NDF : 7.4/11

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.072+/-1.409 χ^2/NDF : 737407.9/4

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

Right Out: 2896.954+/-1.308 χ^2/NDF : 185232.6/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

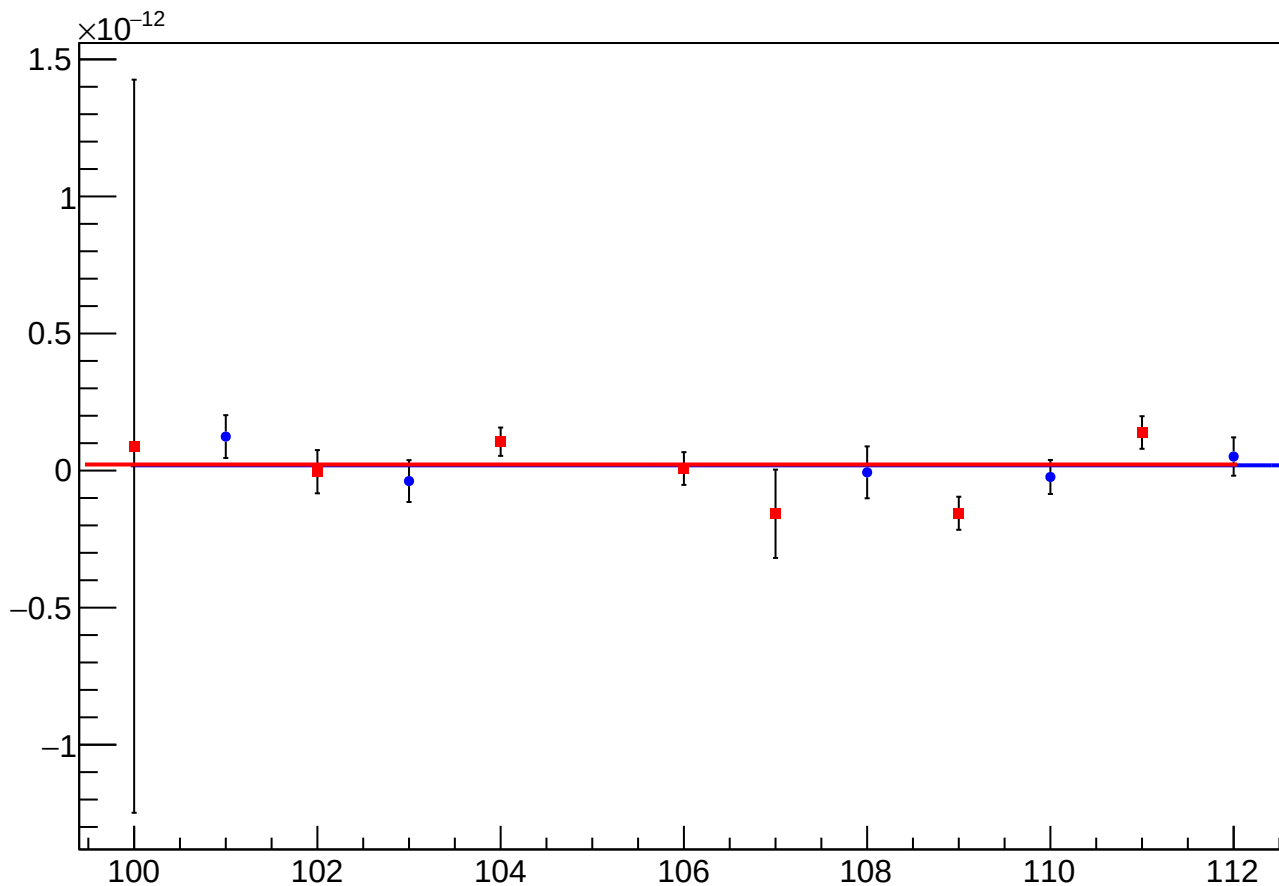
Right: 2911.815+/-0.959 χ^2/NDF : 922919.5/11

In: 2929.072+/-1.409 χ^2/NDF : 737407.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2911.815+/-0.959 χ^2/NDF : 922919.5/11

asym_atr1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.1/4

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

Right Out: 0.000+/-0.000 χ^2/NDF : 16.6/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

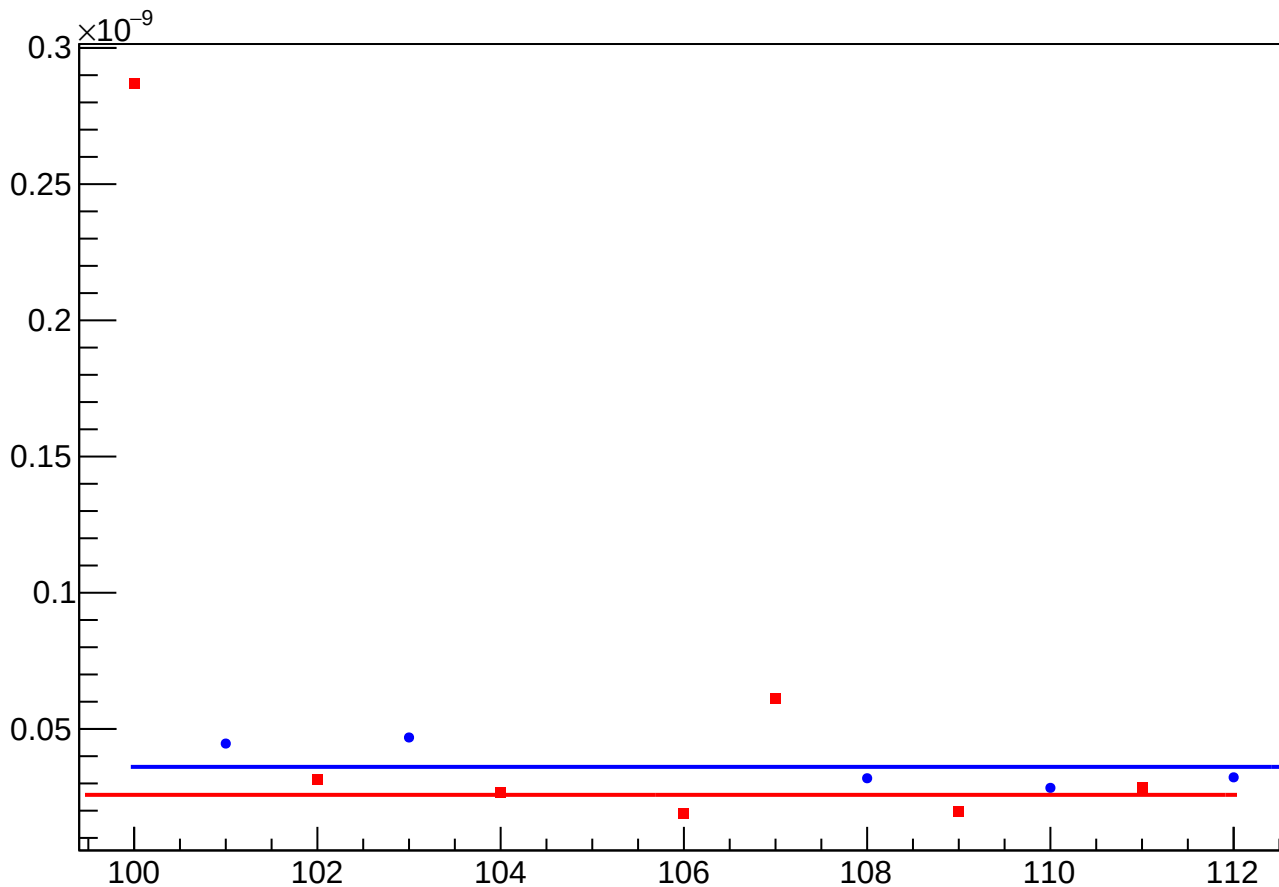
Right: 0.000+/-0.000 χ^2/NDF : 19.7/11

In: 0.000+/-0.000 χ^2/NDF : 3.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.7/11

asym_atr1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 104689.0/4

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

Right Out: 0.000+/-0.000 χ^2/NDF : 234366.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

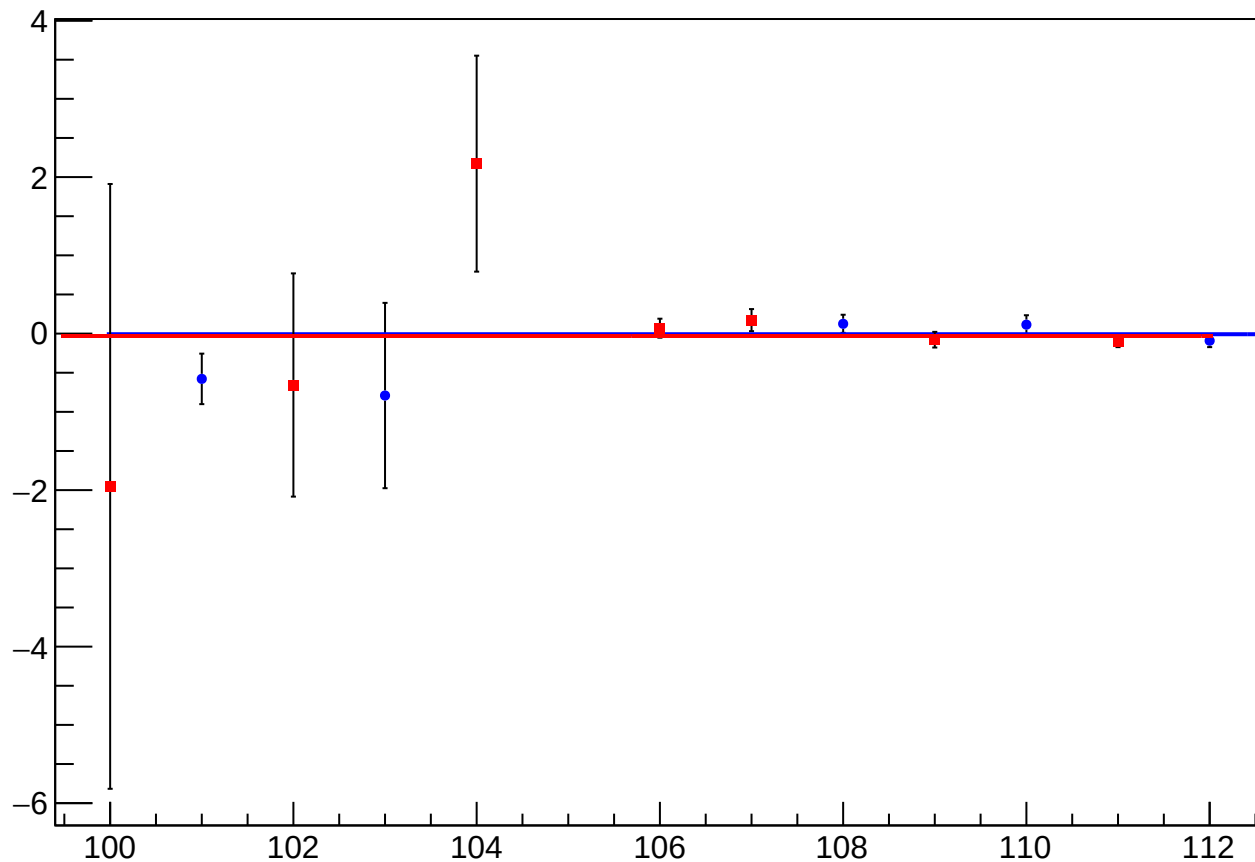
Right: 0.000+/-0.000 χ^2/NDF : 455945.2/11

In: 0.000+/-0.000 χ^2/NDF : 104689.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 455945.2/11

asym_atr1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008+/-0.058 χ^2/NDF : 6.9/4

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

Right Out: -0.031+/-0.050 χ^2/NDF : 6.9/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

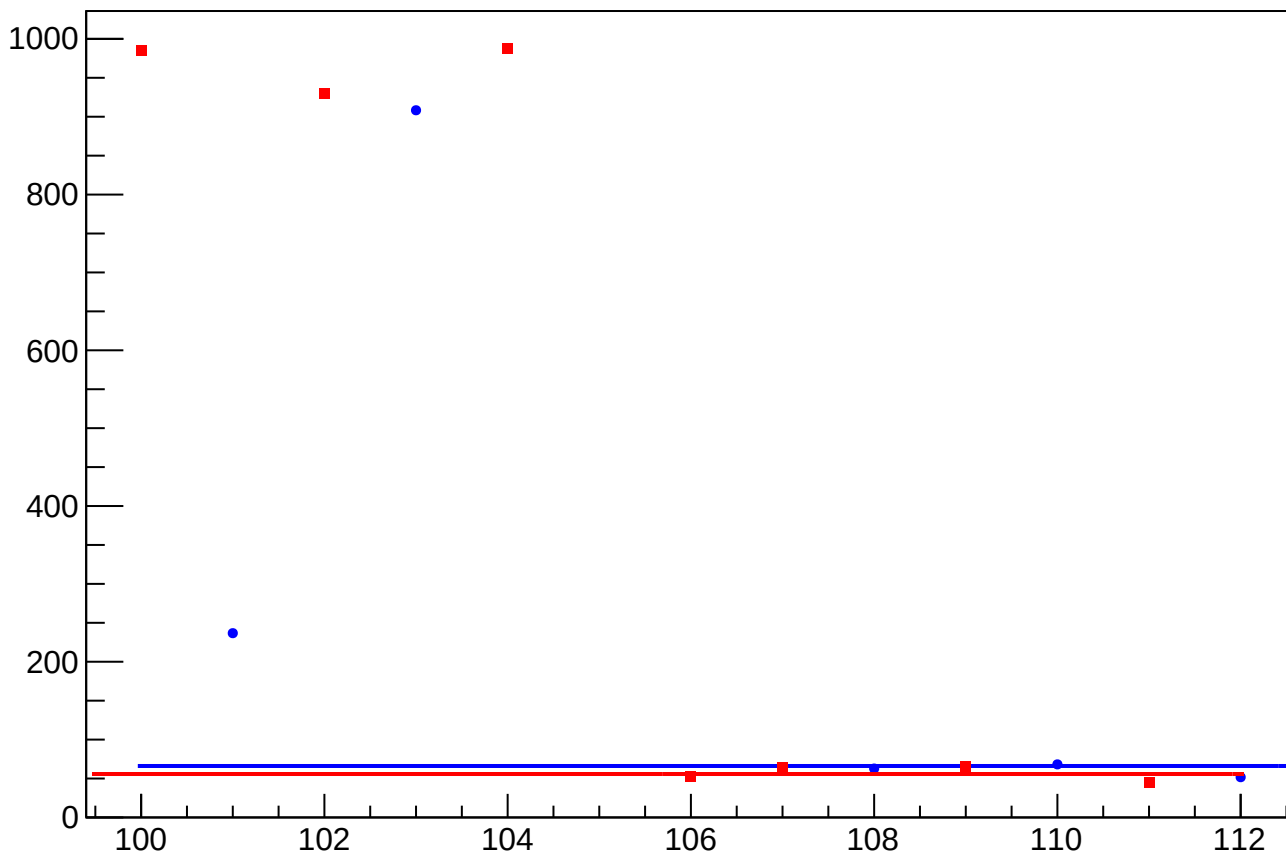
Right: -0.021+/-0.038 χ^2/NDF : 13.9/11

In: -0.008+/-0.058 χ^2/NDF :6.9/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.021+/-0.038 χ^2/NDF : 13.9/11

asym_atr1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.102+/-0.041 χ^2/NDF : 1634781.1/4

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

Right Out: 55.803+/-0.035 χ^2/NDF : 1856503.7/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

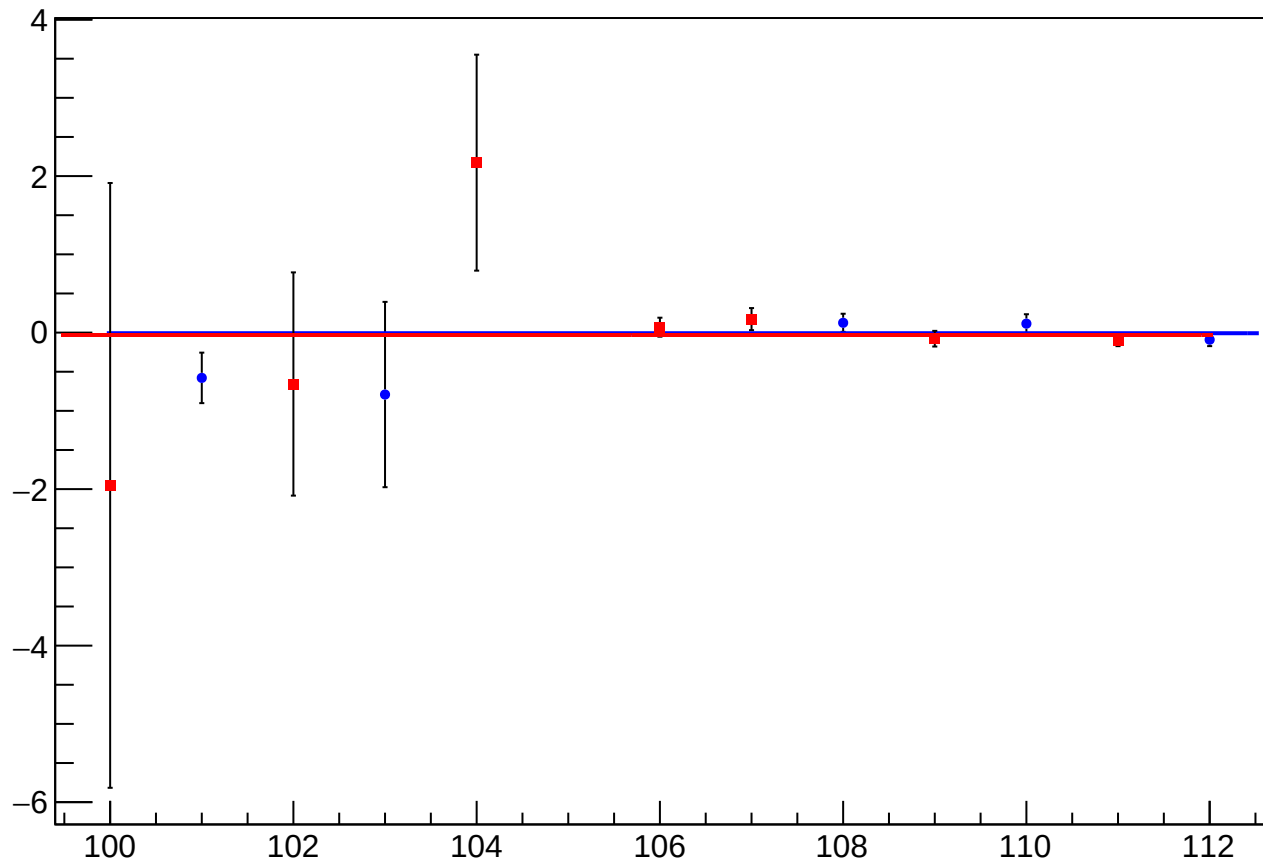
Right: 60.195+/-0.027 χ^2/NDF : 3528075.2/11

In: 66.102+/-0.041 χ^2/NDF : 1634781.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.195+/-0.027 χ^2/NDF : 3528075.2/11

asym_atr1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008+/-0.058 χ^2 /NDF: 6.9/4

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

Right Out: -0.031+/-0.050 χ^2 /NDF: 6.9/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

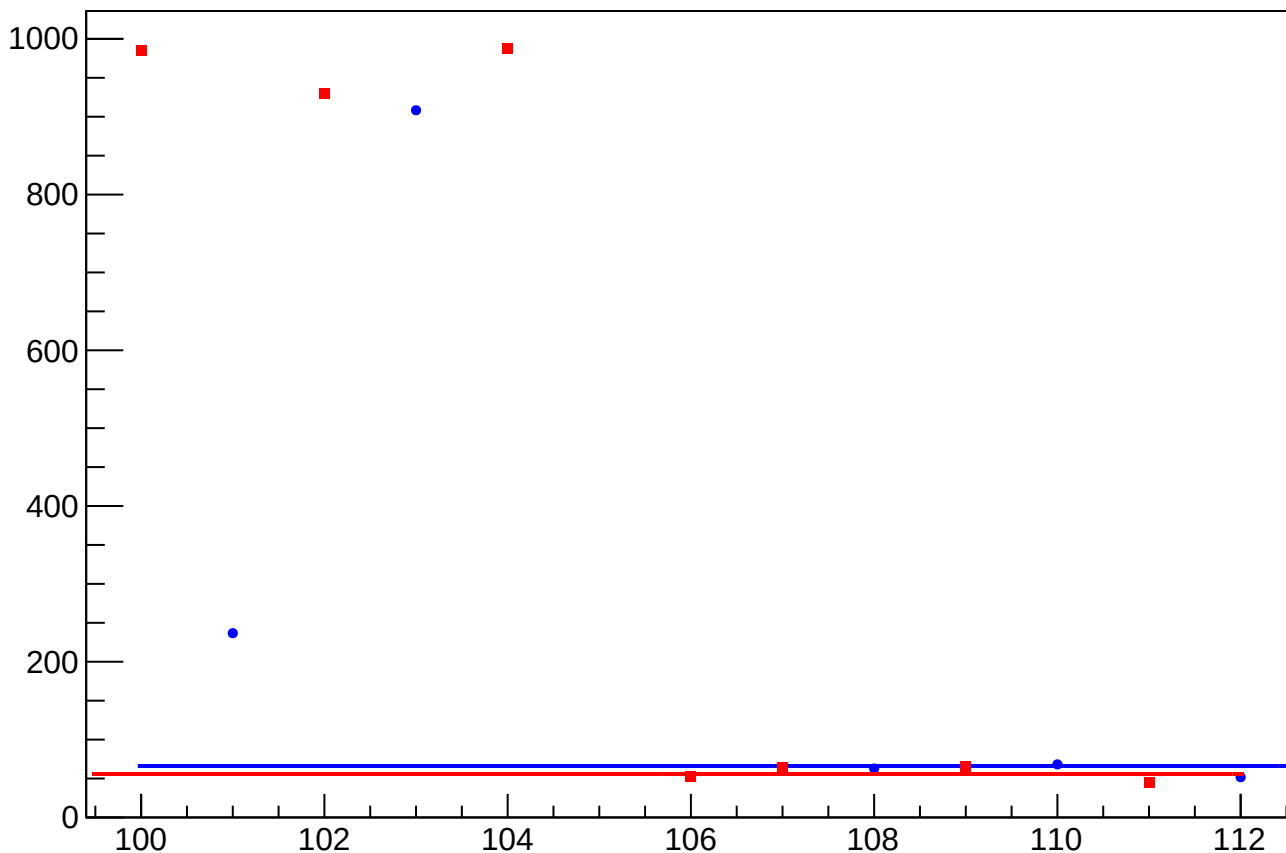
Right: -0.021+/-0.038 χ^2 /NDF: 13.9/11

In: -0.008+/-0.058 χ^2 /NDF:6.9/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.021+/-0.038 χ^2 /NDF: 13.9/11

asym_atr1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.102+/-0.041 χ^2/NDF : 1634781.1/4

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

Right Out: 55.803+/-0.035 χ^2/NDF : 1856503.7/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

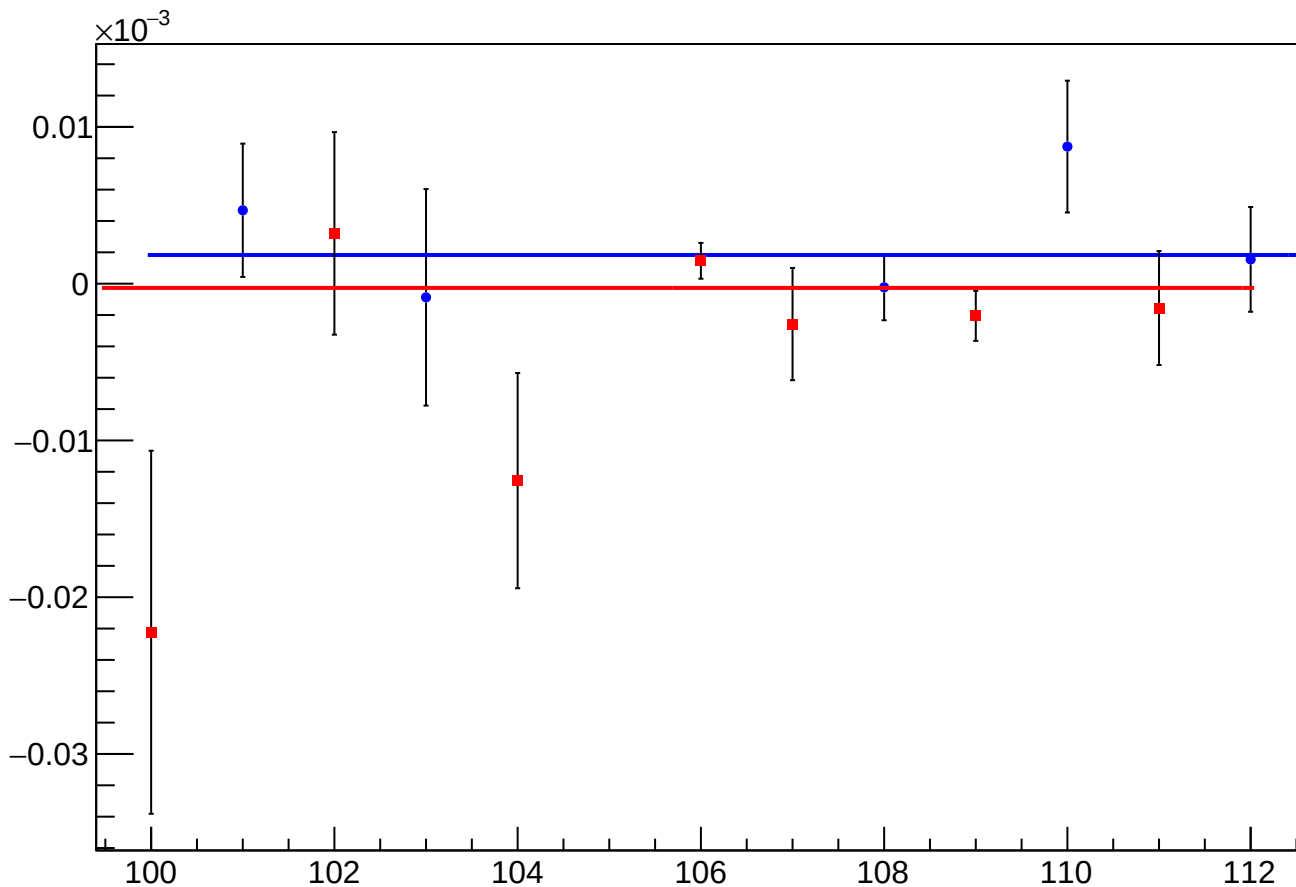
Right: 60.195+/-0.027 χ^2/NDF : 3528075.2/11

In: 66.102+/-0.041 χ^2/NDF : 1634781.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.195+/-0.027 χ^2/NDF : 3528075.2/11

asym_atr1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.3/4

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

Right Out: -0.000+/-0.000 χ^2/NDF : 11.2/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

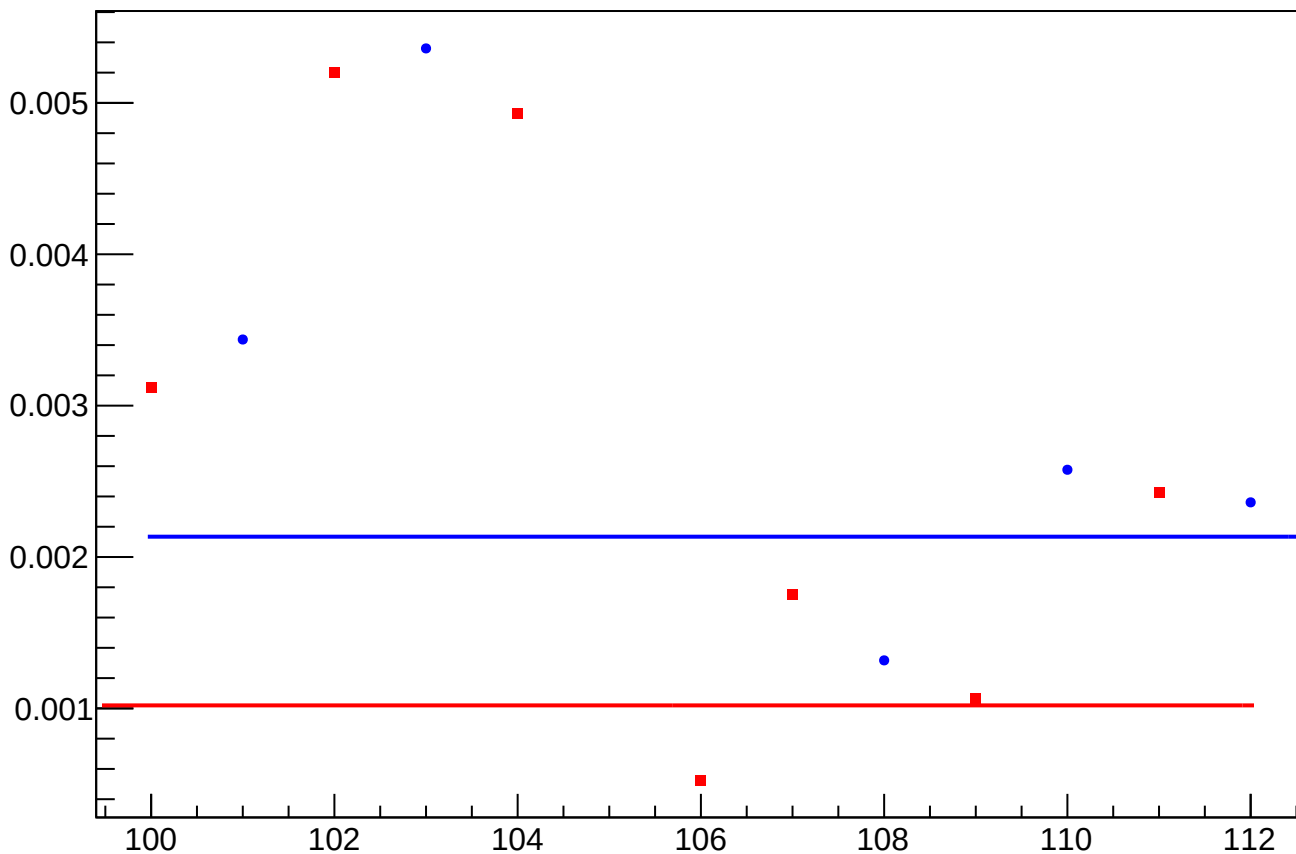
Right: 0.000+/-0.000 χ^2/NDF : 16.9/11

In: 0.000+/-0.000 χ^2/NDF : 4.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.9/11

asym_atr1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 957758.2/4

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

Right Out: 0.001+/-0.000 χ^2/NDF : 2315568.7/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

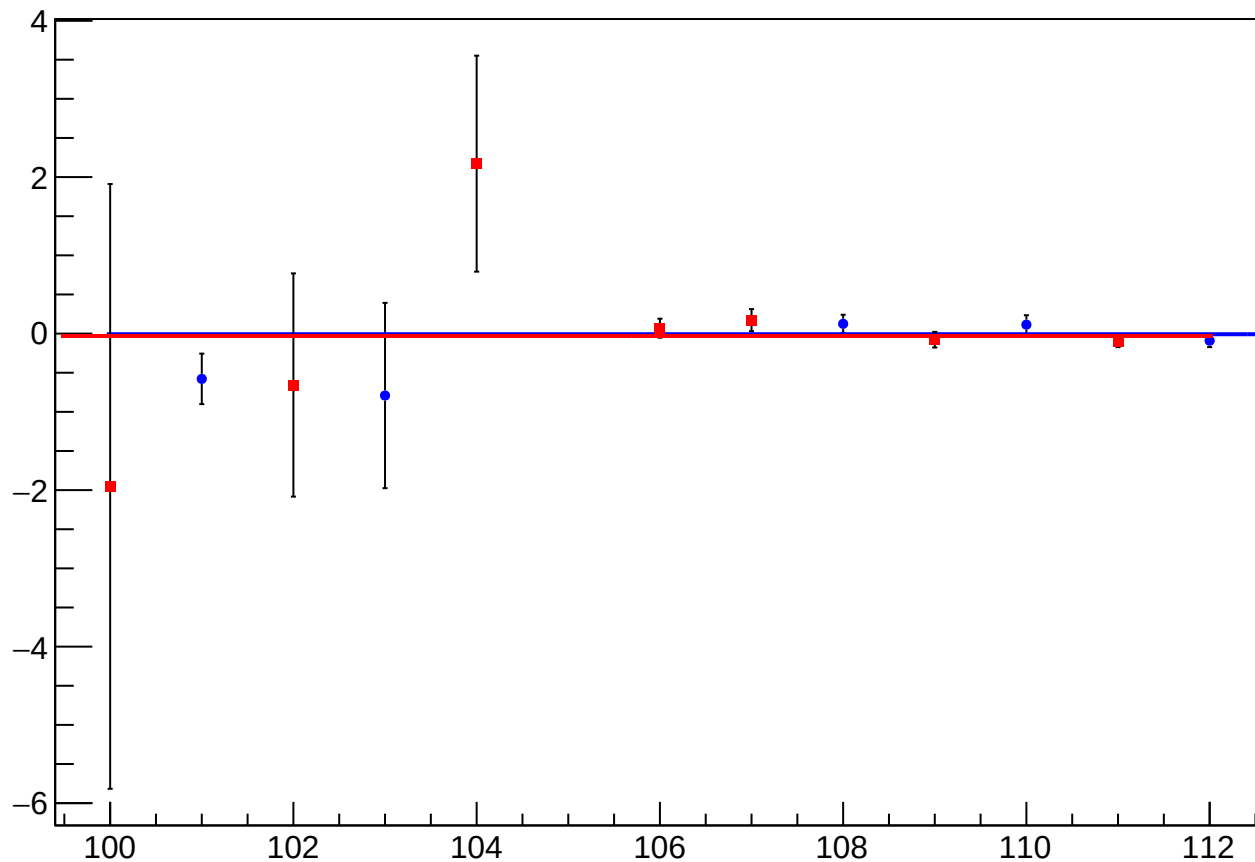
Right: 0.001+/-0.000 χ^2/NDF : 4112332.6/11

In: 0.002+/-0.000 χ^2/NDF : 957758.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4112332.6/11

asym_atr1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008+/-0.058 χ^2/NDF : 6.9/4

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

Right Out: -0.031+/-0.050 χ^2/NDF : 6.9/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

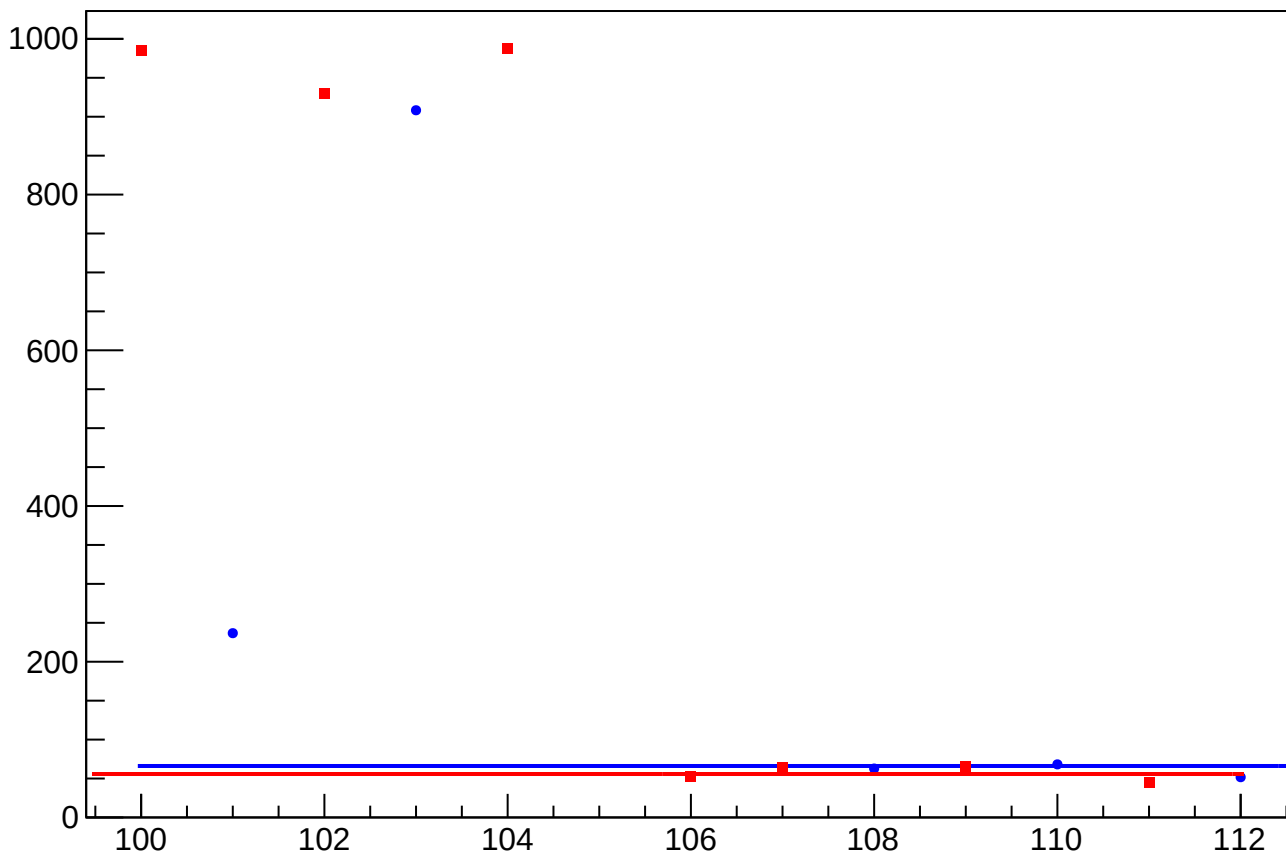
Right: -0.021+/-0.038 χ^2/NDF : 13.9/11

In: -0.008+/-0.058 χ^2/NDF :6.9/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.021+/-0.038 χ^2/NDF : 13.9/11

asym_atr1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.102+/-0.041 χ^2/NDF : 1634784.4/4

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

Right Out: 55.803+/-0.035 χ^2/NDF : 1856504.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

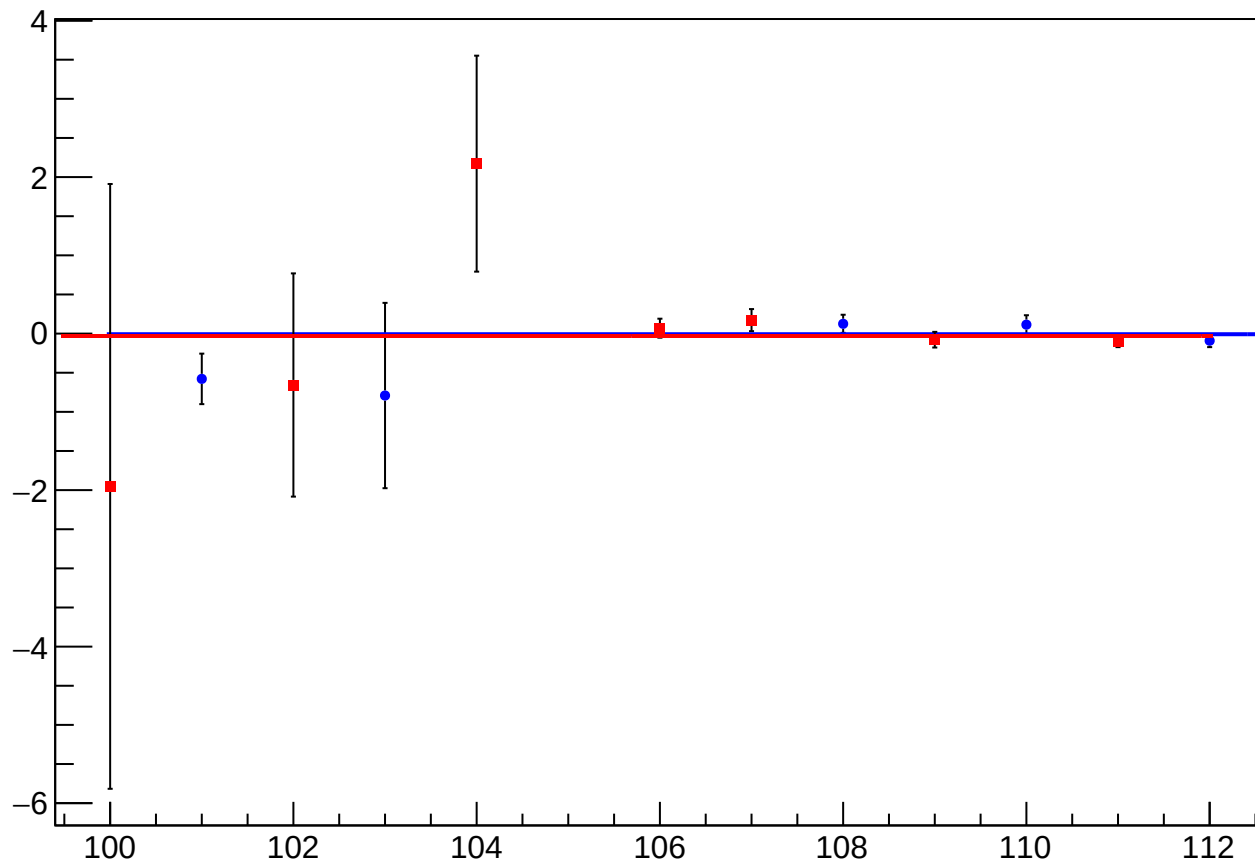
Right: 60.195+/-0.027 χ^2/NDF : 3528081.6/11

In: 66.102+/-0.041 χ^2/NDF : 1634784.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.195+/-0.027 χ^2/NDF : 3528081.6/11

asym_atr1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008+/-0.058 χ^2/NDF : 6.9/4

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

Right Out: -0.031+/-0.050 χ^2/NDF : 6.9/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

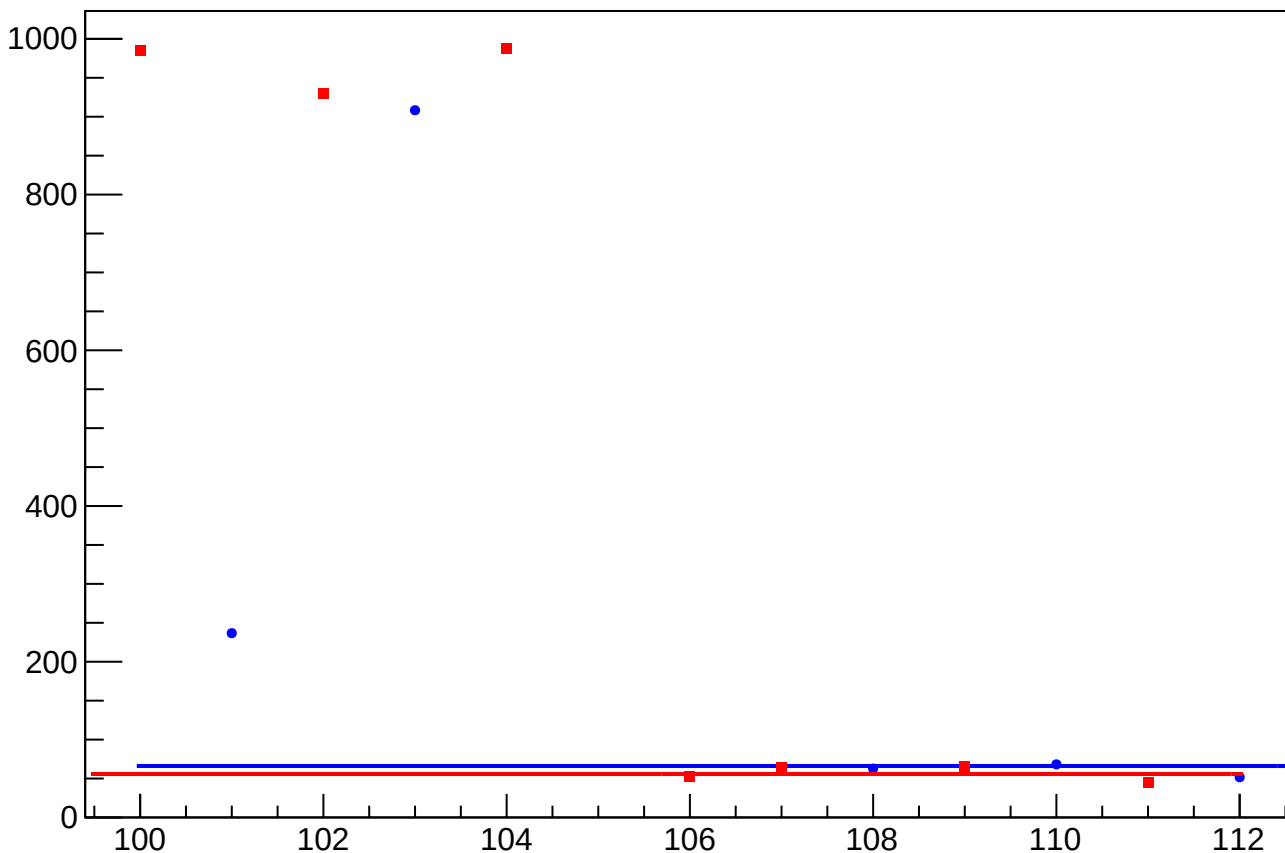
Right: -0.021+/-0.038 χ^2/NDF : 13.9/11

In: -0.008+/-0.058 χ^2/NDF :6.9/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.021+/-0.038 χ^2/NDF : 13.9/11

asym_atr1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.102+/-0.041 χ^2/NDF : 1634784.4/4

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

Right Out: 55.803+/-0.035 χ^2/NDF : 1856504.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

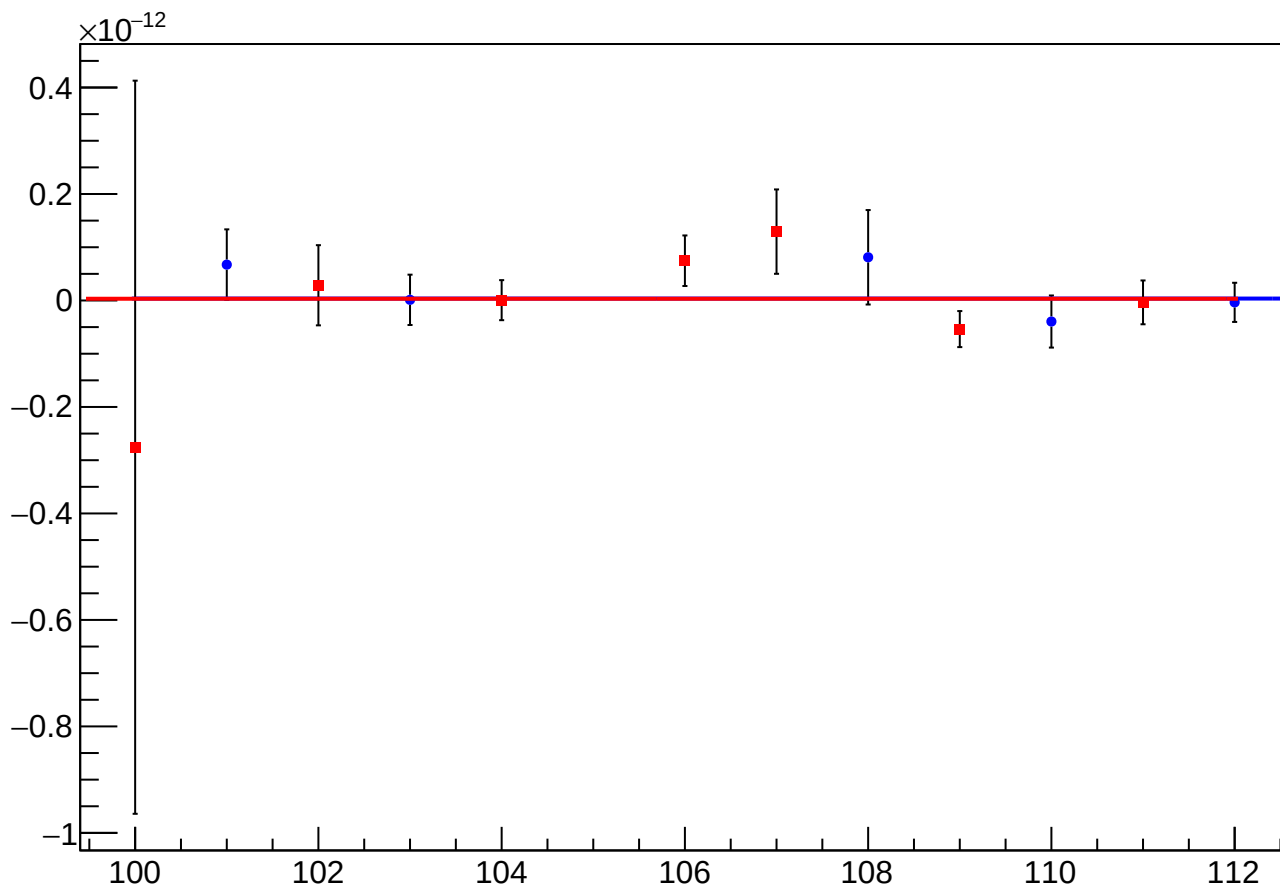
Right: 60.195+/-0.027 χ^2/NDF : 3528081.6/11

In: 66.102+/-0.041 χ^2/NDF : 1634784.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.195+/-0.027 χ^2/NDF : 3528081.6/11

asym_atr1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.5/4

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

Right Out: 0.000+/-0.000 χ^2/NDF : 7.9/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

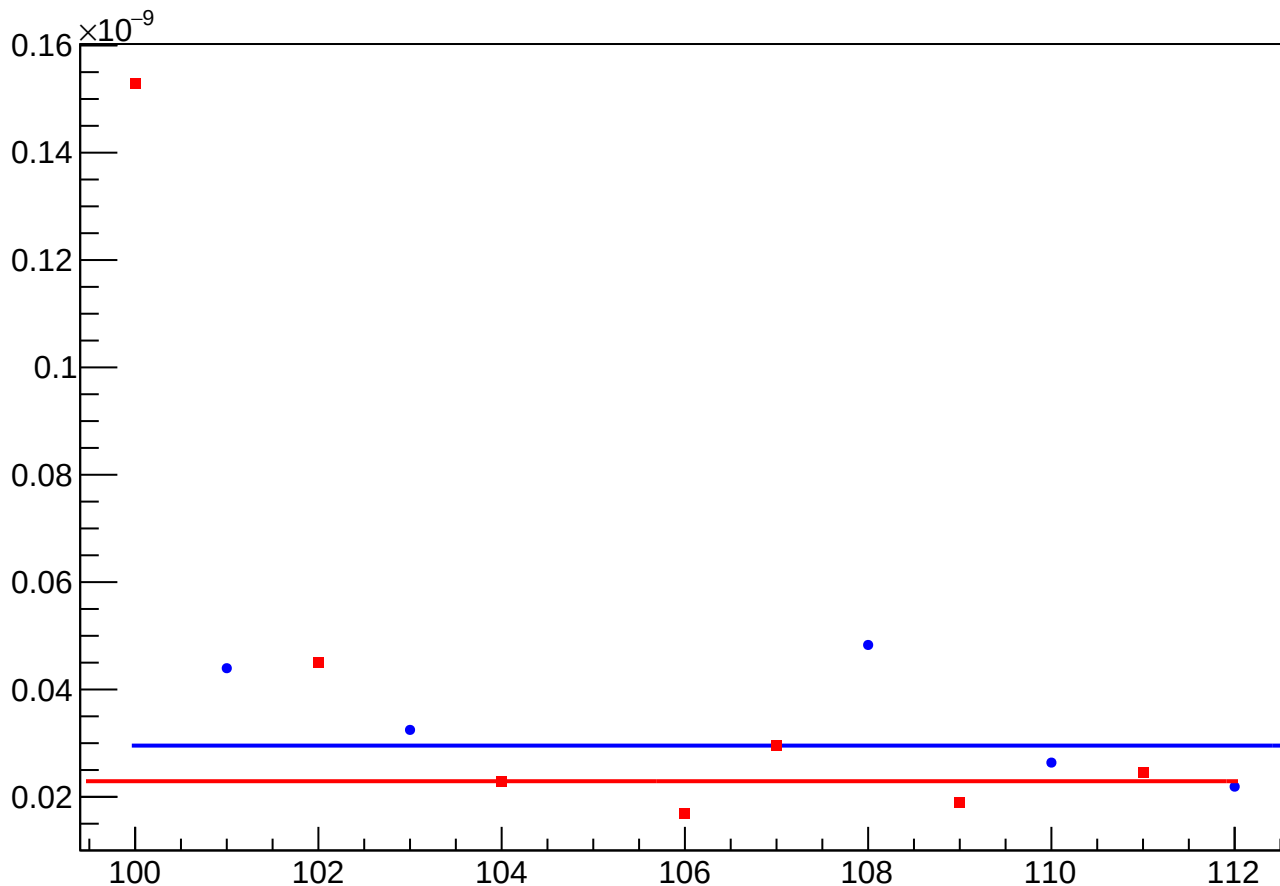
Right: 0.000+/-0.000 χ^2/NDF : 10.4/11

In: 0.000+/-0.000 χ^2/NDF : 2.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.4/11

asym_atr1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 286529.9/4

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

Right Out: 0.000+/-0.000 χ^2/NDF : 319075.2/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

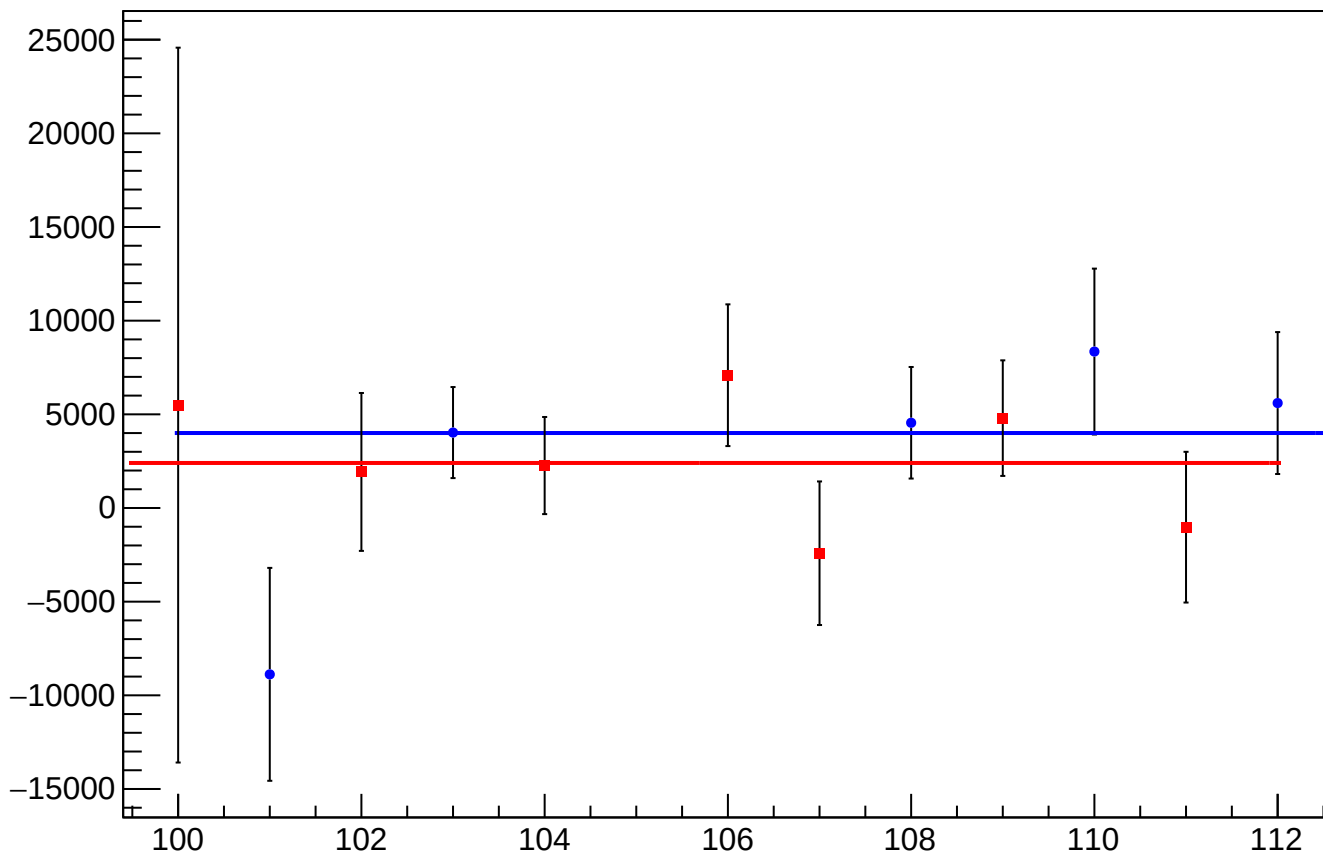
Right: 0.000+/-0.000 χ^2/NDF : 709261.0/11

In: 0.000+/-0.000 χ^2/NDF : 286529.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 709261.0/11

reg_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4002.852+/-1518.438 χ^2/NDF : 6.3/4

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

Right Out: 2403.802+/-1396.583 χ^2/NDF : 4.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

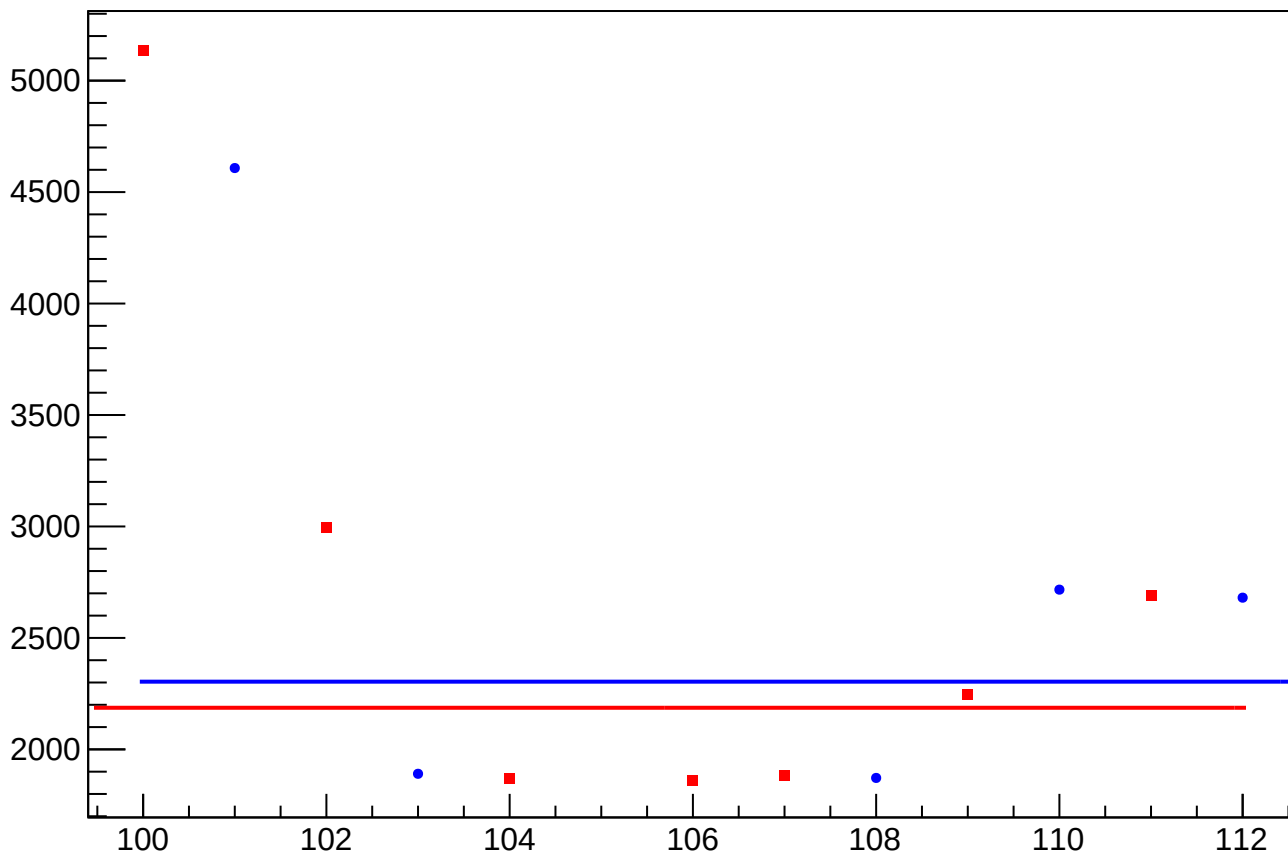
Right: 3136.600+/-1027.917 χ^2/NDF : 11.4/11

In: 4002.852+/-1518.438 χ^2/NDF : 6.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3136.600+/-1027.917 χ^2/NDF : 11.4/11

reg_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2303.767+/-1.074 χ^2/NDF : 465838.6/4

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

Right Out: 2186.678+/-0.988 χ^2/NDF : 211404.2/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

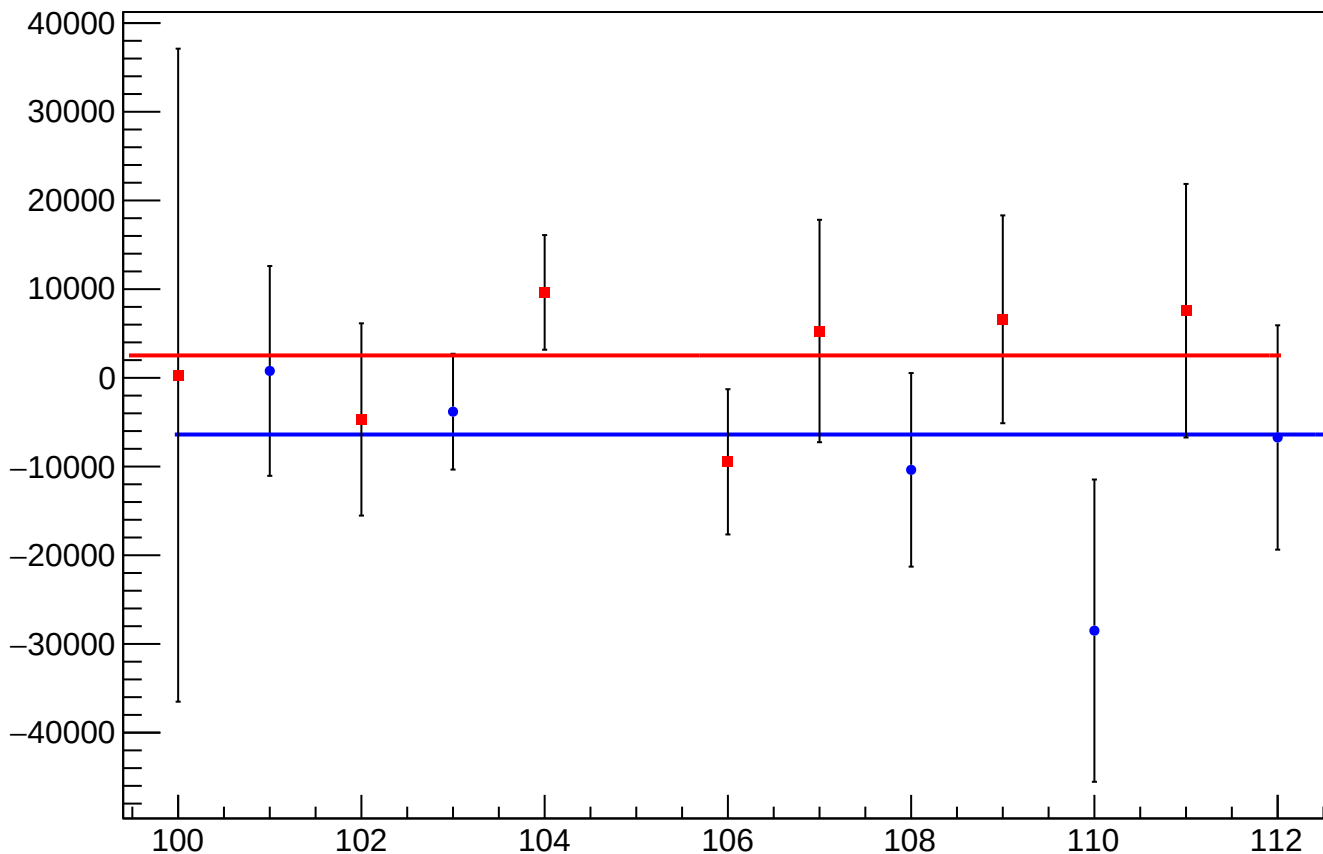
Right: 2240.336+/-0.727 χ^2/NDF : 683685.3/11

In: 2303.767+/-1.074 χ^2/NDF : 465838.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2240.336+/-0.727 χ^2/NDF : 683685.3/11

asym_atr2_reg_correction_mean vs Slug, Sign Corrected



Right In: -6387.947+/-4530.979 χ^2/NDF : 2.3/4

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

Right Out: 2528.180+/-3873.430 χ^2/NDF : 4.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

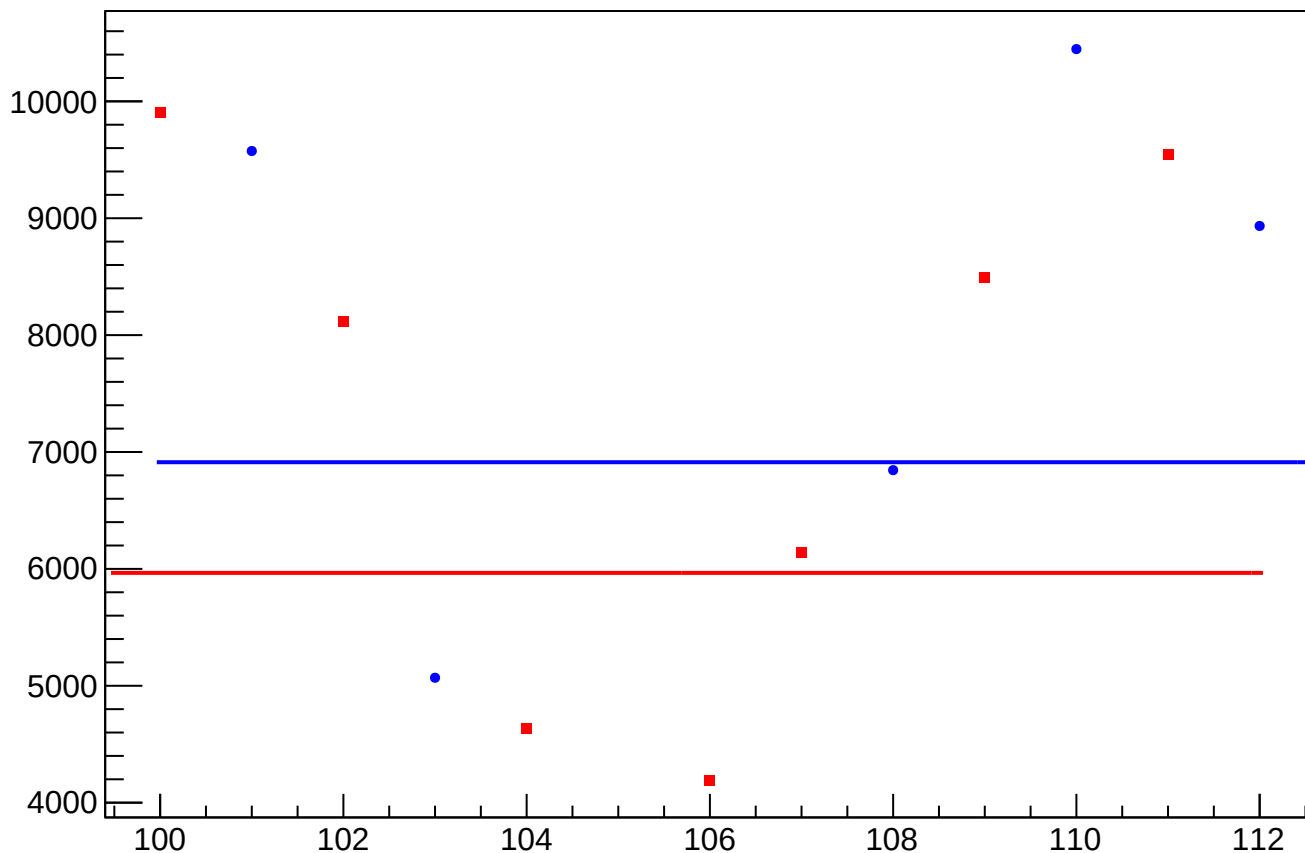
Right: -1236.543+/-2944.221 χ^2/NDF : 8.7/11

In: -6387.947+/-4530.979 χ^2/NDF : 2.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1236.543+/-2944.221 χ^2/NDF : 8.7/11

asym_atr2_reg_correction_rms vs Slug, Sign Corrected



Right In: 6912.646+/-3.204 χ^2/NDF : 398143.6/4

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

Right Out: 5965.874+/-2.739 χ^2/NDF : 500185.3/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

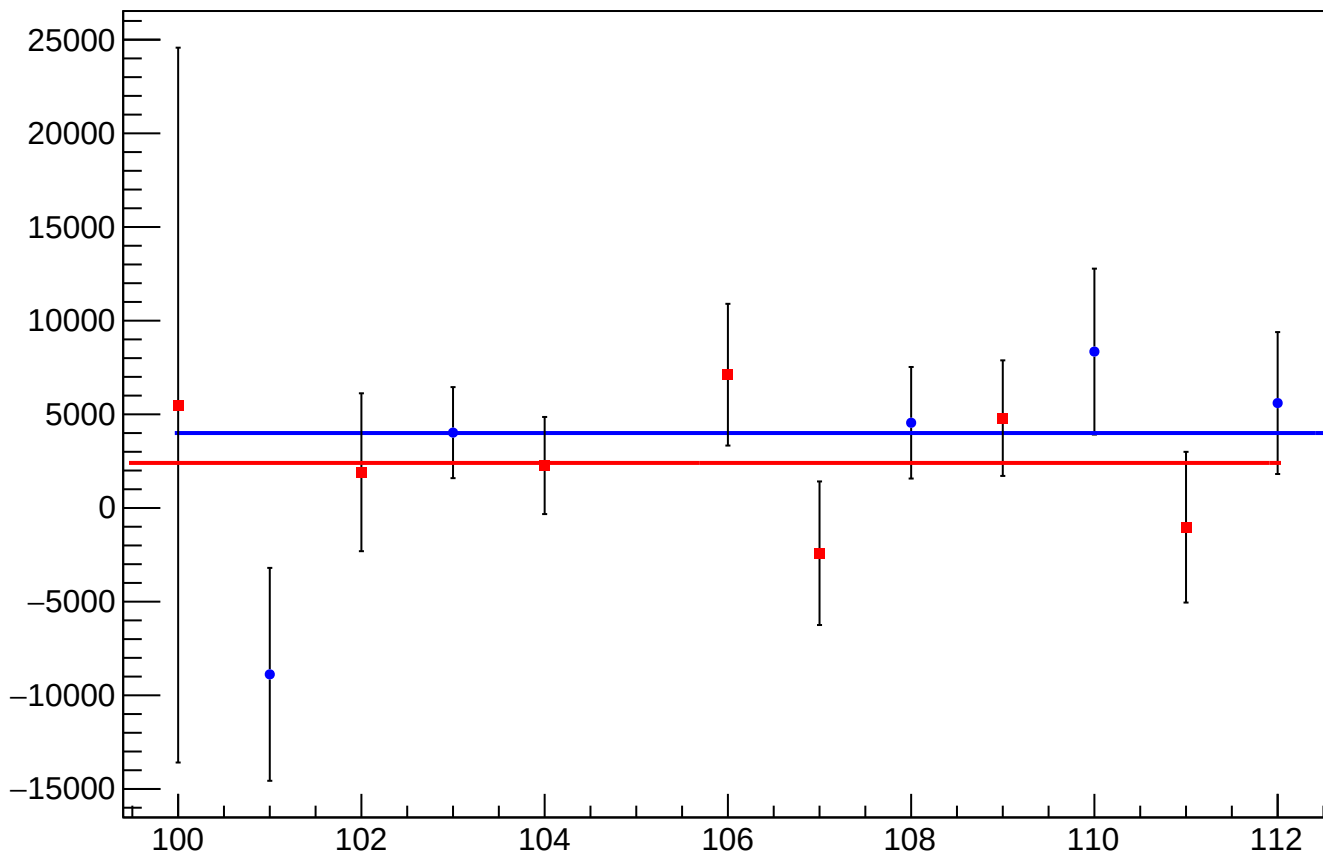
Right: 6365.636+/-2.082 χ^2/NDF : 948781.8/11

In: 6912.646+/-3.204 χ^2/NDF : 398143.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6365.636+/-2.082 χ^2/NDF : 948781.8/11

cor_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4001.453+/-1518.439 χ^2/NDF : 6.3/4

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

Right Out: 2405.695+/-1396.609 χ^2/NDF : 4.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

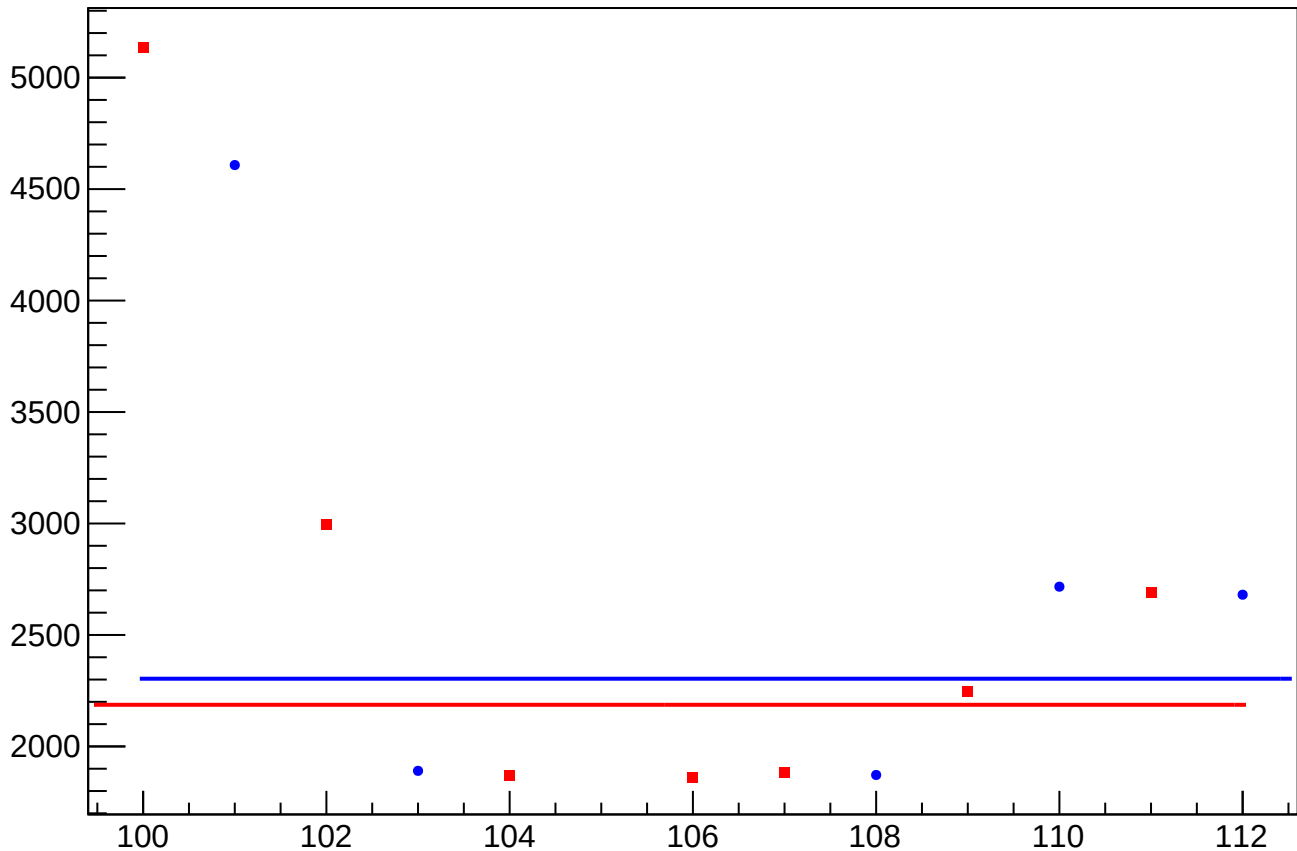
Right: 3136.998+/-1027.927 χ^2/NDF : 11.4/11

In: 4001.453+/-1518.439 χ^2/NDF : 6.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3136.998+/-1027.927 χ^2/NDF : 11.4/11

cor_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2303.770+/-1.074 χ^2/NDF : 465837.2/4

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

Right Out: 2186.724+/-0.988 χ^2/NDF : 211377.3/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

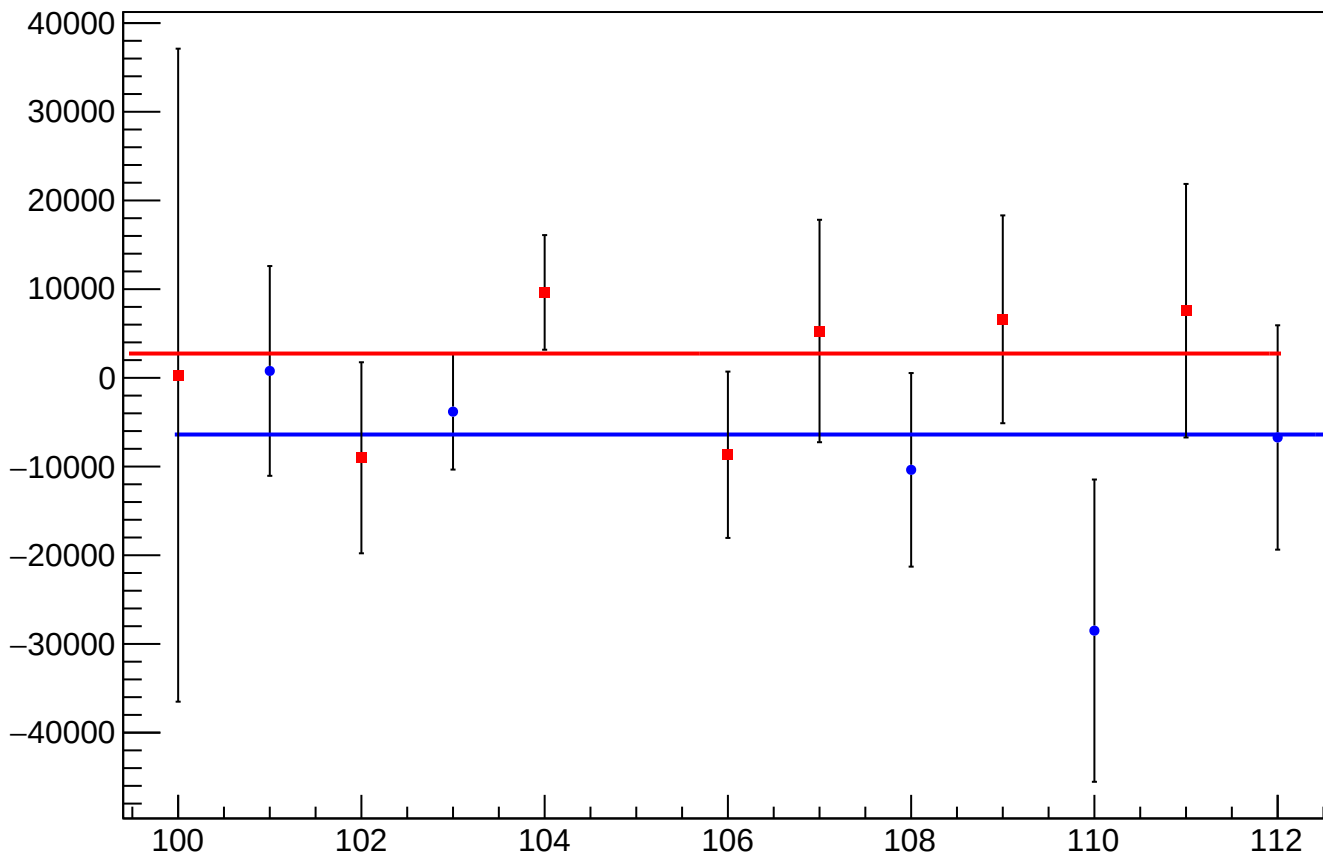
Right: 2240.363+/-0.727 χ^2/NDF : 683652.1/11

In: 2303.770+/-1.074 χ^2/NDF : 465837.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2240.363+/-0.727 χ^2/NDF : 683652.1/11

asym_atr2_cor_correction_mean vs Slug, Sign Corrected



Right In: -6387.946+/-4531.263 χ^2/NDF : 2.3/4

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

Right Out: 2742.059+/-3977.260 χ^2/NDF : 4.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

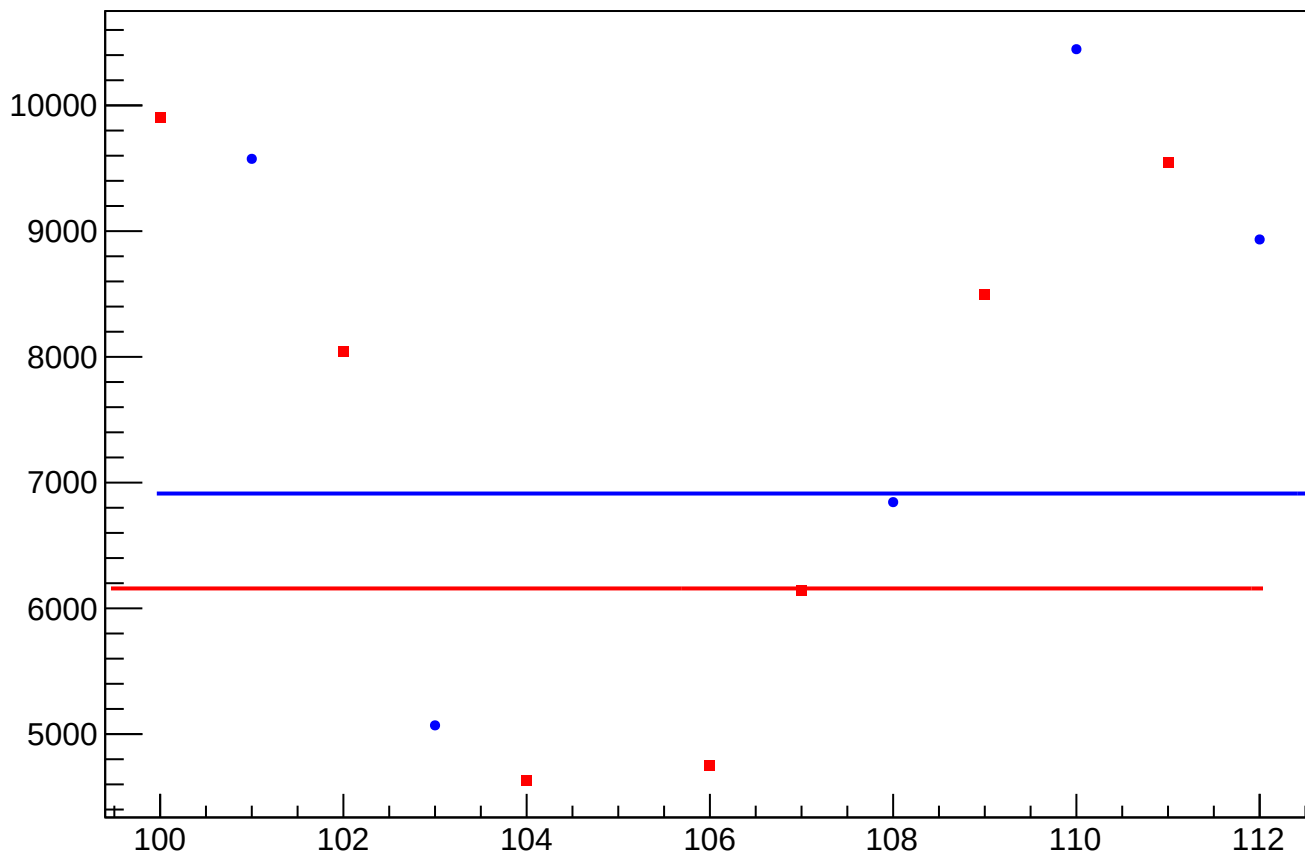
Right: -1230.985+/-2989.134 χ^2/NDF : 8.7/11

In: -6387.946+/-4531.263 χ^2/NDF : 2.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1230.985+/-2989.134 χ^2/NDF : 8.7/11

asym_atr2_cor_correction_rms vs Slug, Sign Corrected



Right In: 6913.221+/-3.204 χ^2/NDF : 397976.2/4

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

Right Out: 6158.278+/-2.812 χ^2/NDF : 431059.9/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

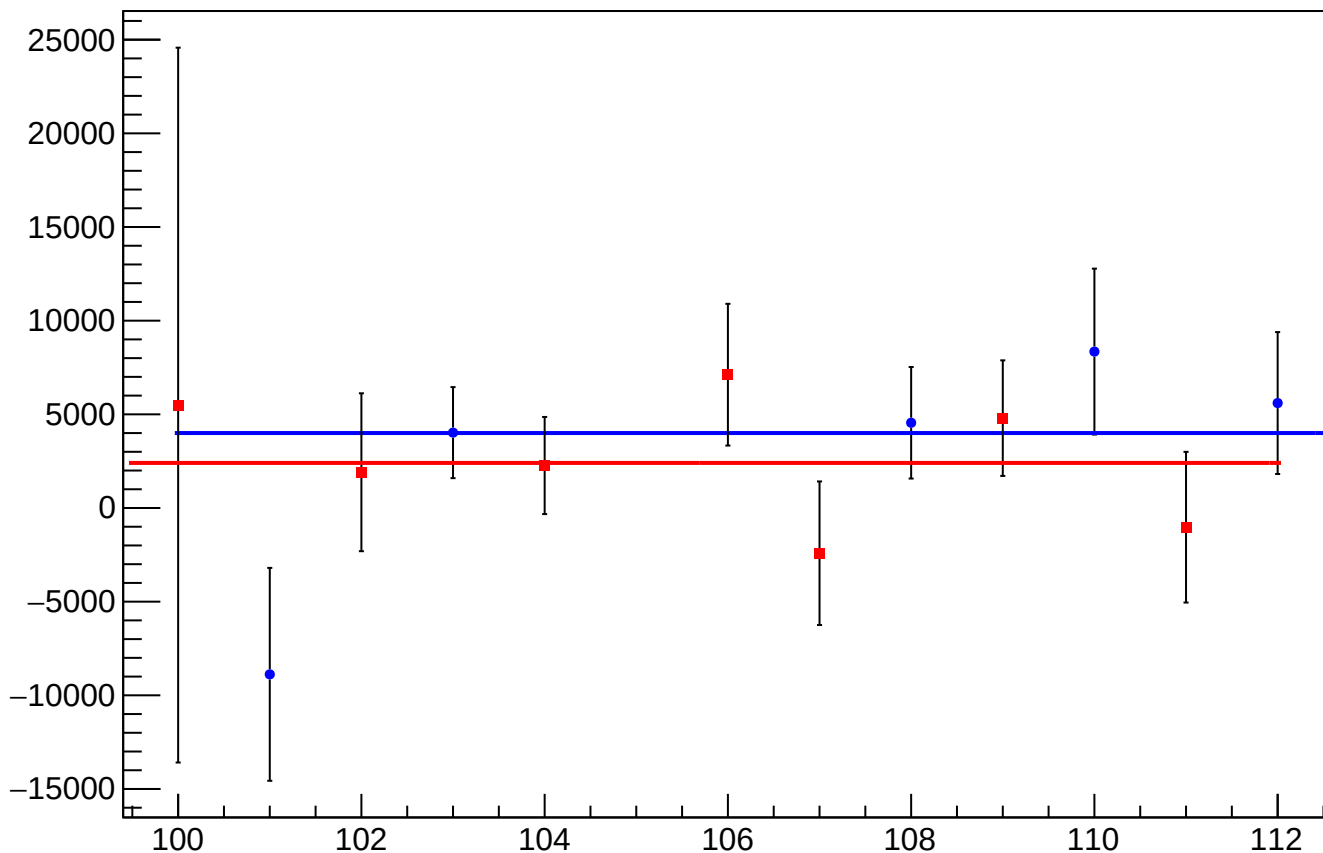
Right: 6486.801+/-2.114 χ^2/NDF : 860393.7/11

In: 6913.221+/-3.204 χ^2/NDF : 397976.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6486.801+/-2.114 χ^2/NDF : 860393.7/11

eigen_cor_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4001.453+/-1518.439 χ^2/NDF : 6.3/4

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

Right Out: 2405.695+/-1396.609 χ^2/NDF : 4.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

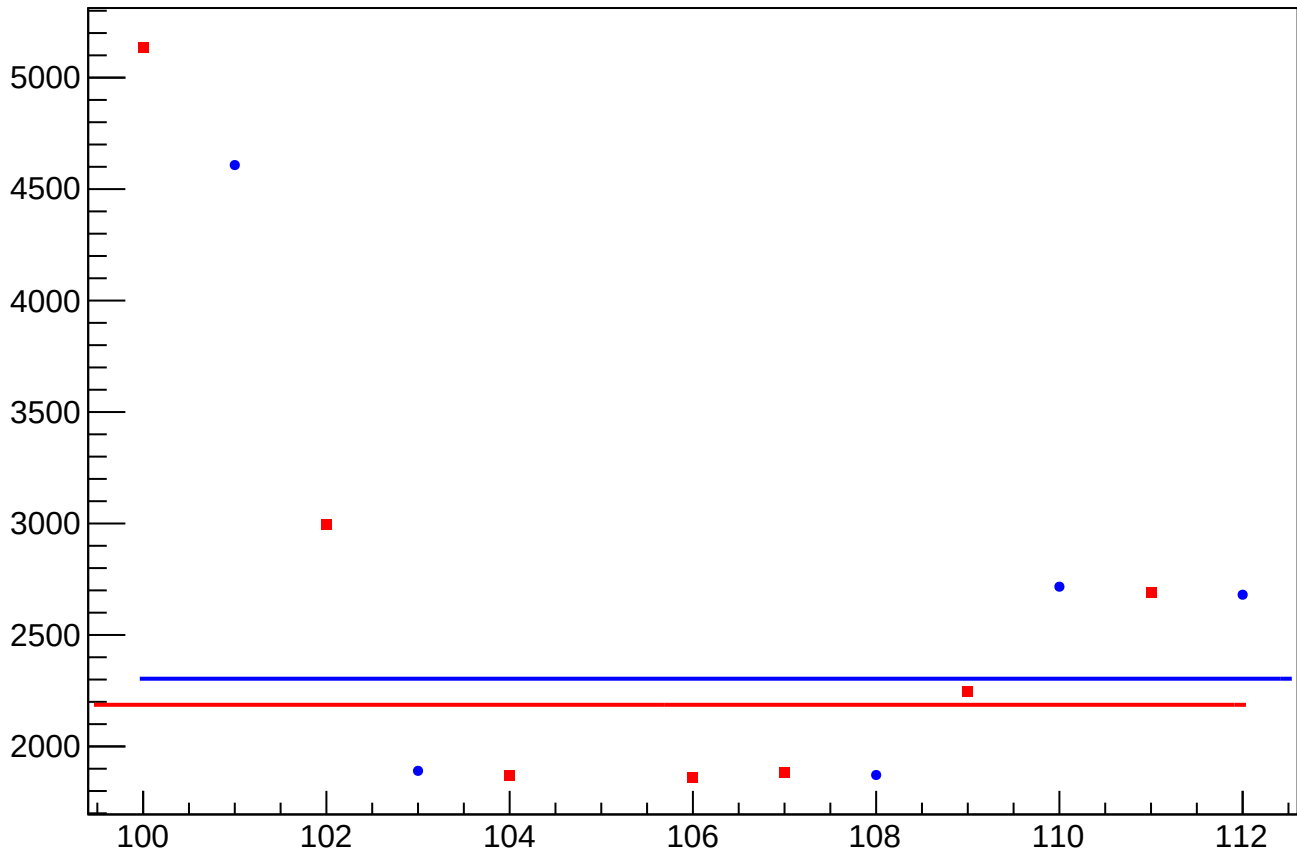
Right: 3136.998+/-1027.927 χ^2/NDF : 11.4/11

In: 4001.453+/-1518.439 χ^2/NDF : 6.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3136.998+/-1027.927 χ^2/NDF : 11.4/11

eigen_cor_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2303.770+/-1.074 χ^2/NDF : 465837.2/4

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

Right Out: 2186.724+/-0.988 χ^2/NDF : 211377.3/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

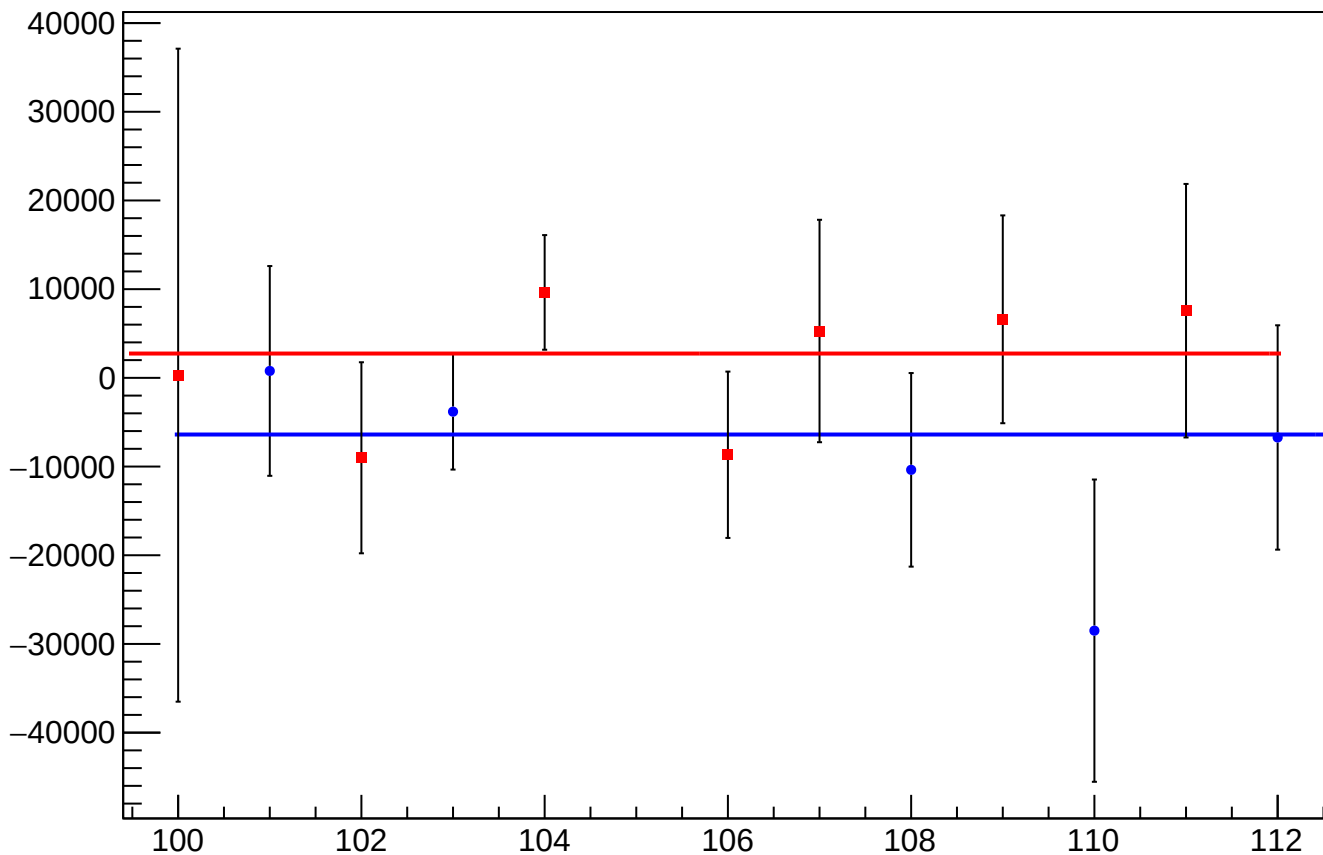
Right: 2240.363+/-0.727 χ^2/NDF : 683652.1/11

In: 2303.770+/-1.074 χ^2/NDF : 465837.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2240.363+/-0.727 χ^2/NDF : 683652.1/11

asym_atr2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -6387.946+/-4531.263 χ^2/NDF : 2.3/4

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

Right Out: 2742.059+/-3977.260 χ^2/NDF : 4.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

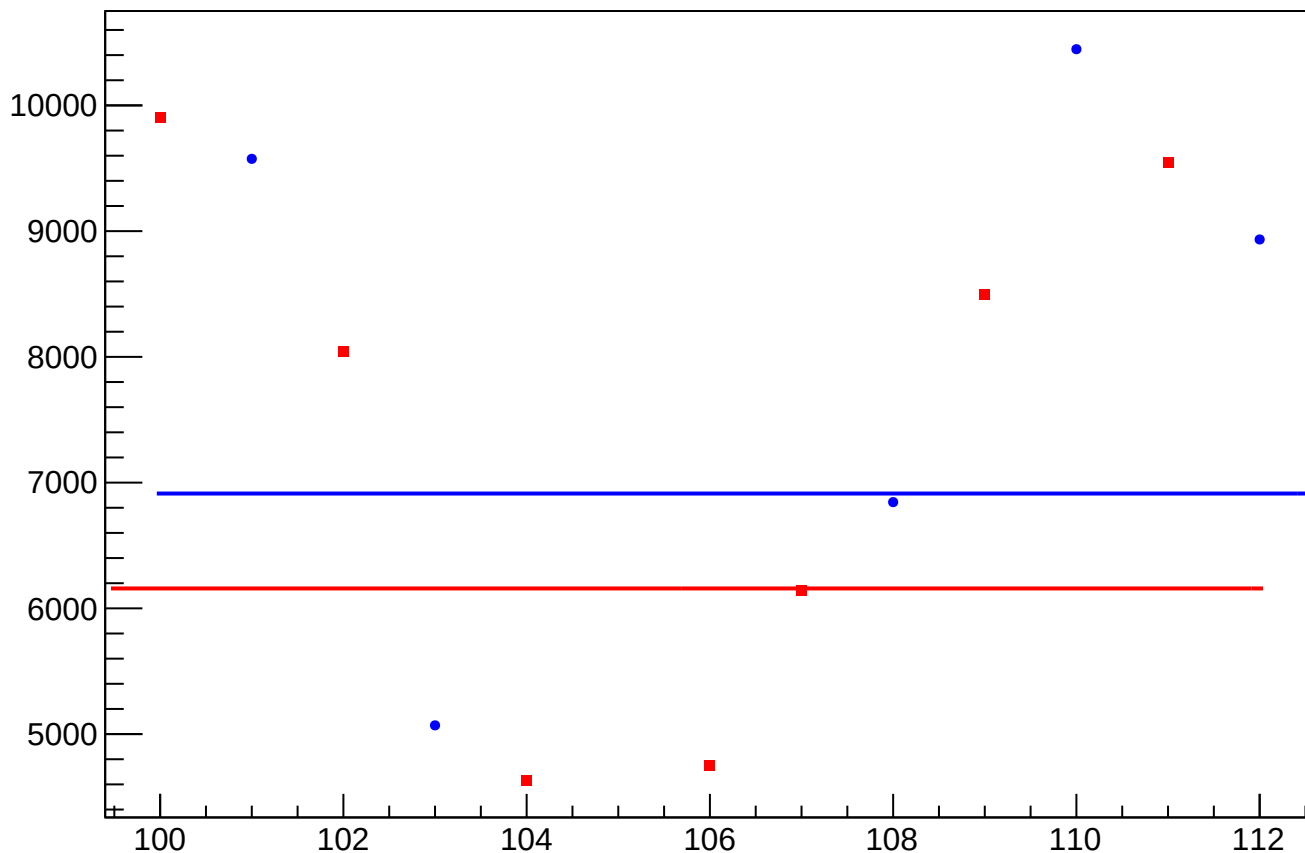
Right: -1230.985+/-2989.134 χ^2/NDF : 8.7/11

In: -6387.946+/-4531.263 χ^2/NDF : 2.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1230.985+/-2989.134 χ^2/NDF : 8.7/11

asym_atr2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 6913.221+/-3.204 χ^2/NDF : 397976.2/4

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

Right Out: 6158.278+/-2.812 χ^2/NDF : 431059.9/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

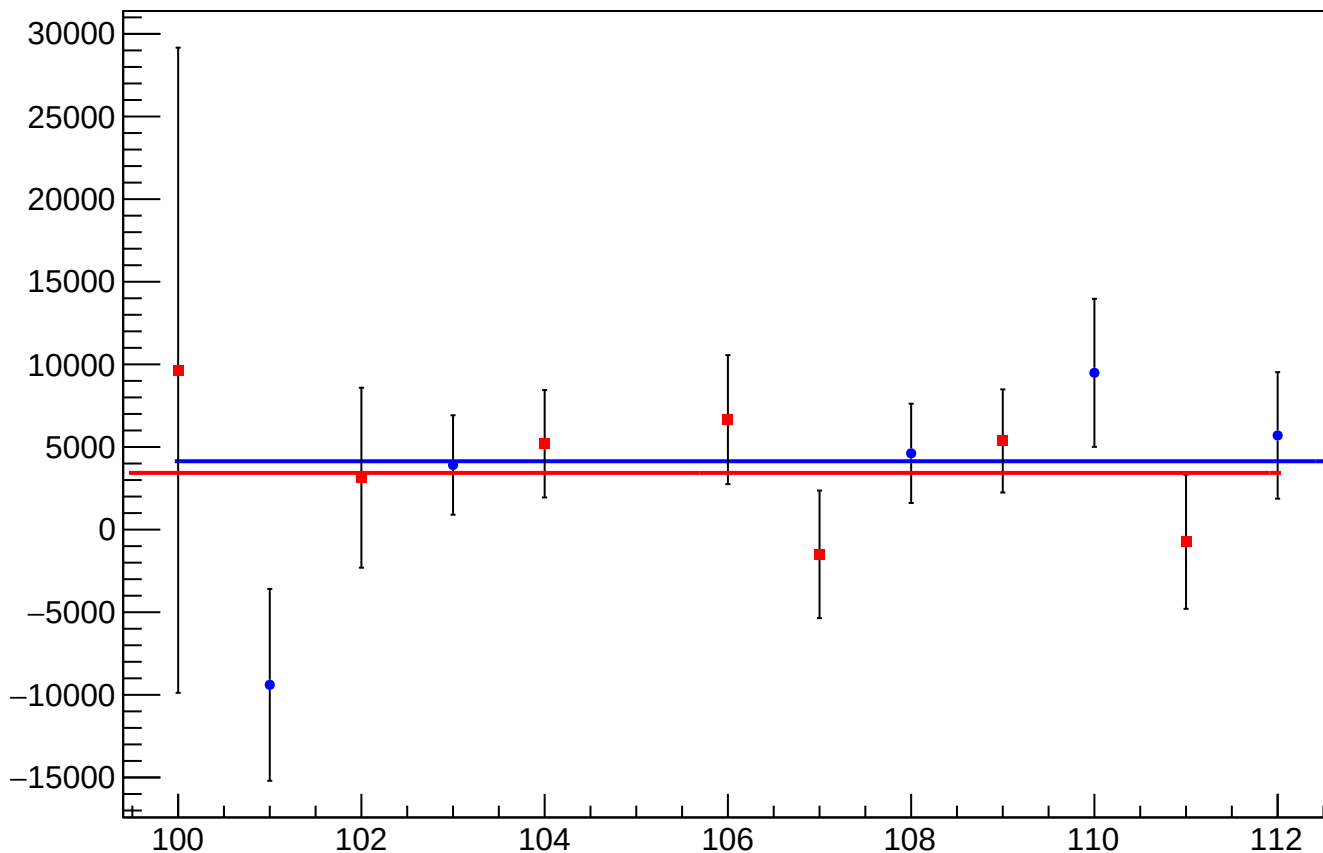
Right: 6486.801+/-2.114 χ^2/NDF : 860393.7/11

In: 6913.221+/-3.204 χ^2/NDF : 397976.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6486.801+/-2.114 χ^2/NDF : 860393.7/11

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4136.776+/-1646.400 χ^2/NDF : 7.1/4

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

Right Out: 3432.720+/-1529.988 χ^2/NDF : 4.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

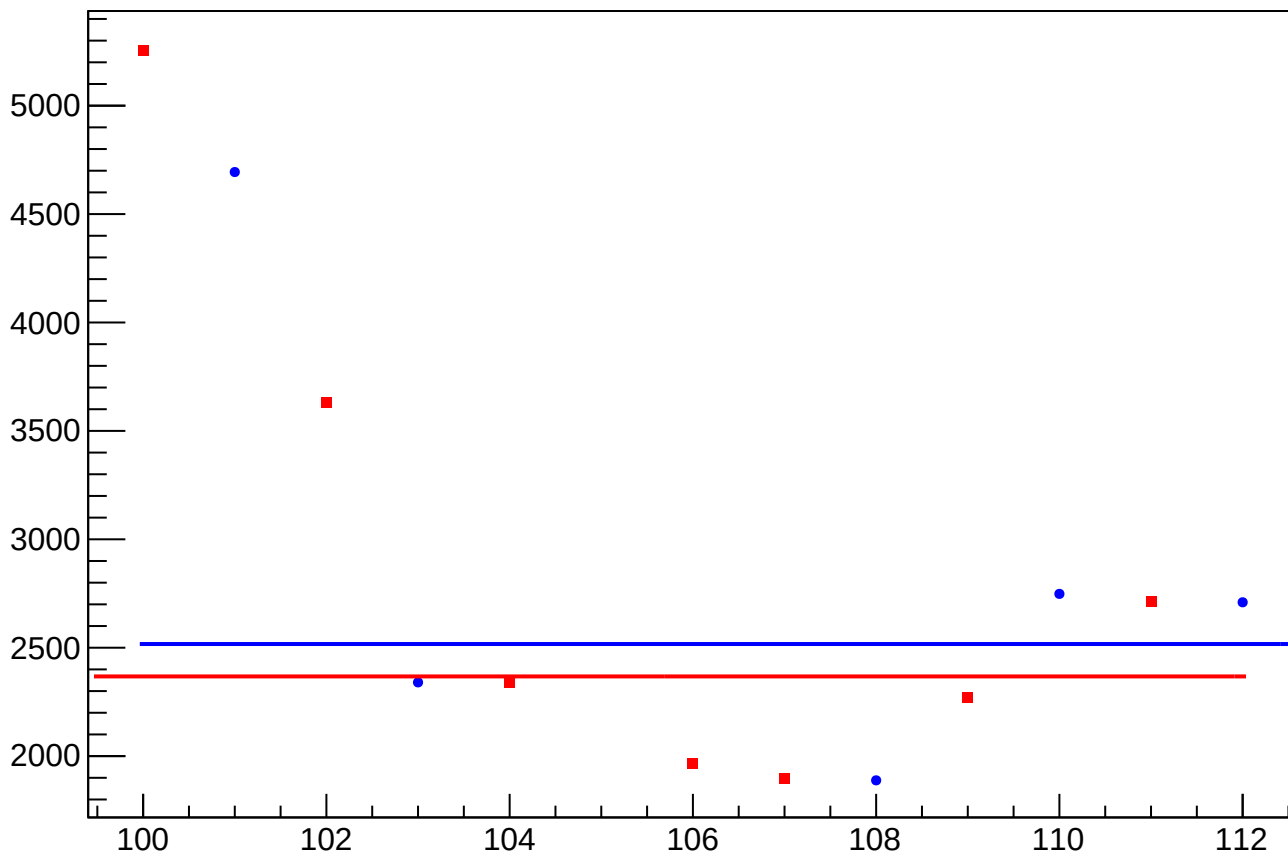
Right: 3758.980+/-1120.762 χ^2/NDF : 11.3/11

In: 4136.776+/-1646.400 χ^2/NDF : 7.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3758.980+/-1120.762 χ^2/NDF : 11.3/11

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2517.045+/-1.164 χ^2/NDF : 385958.3/4

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

Right Out: 2367.584+/-1.080 χ^2/NDF : 219040.6/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

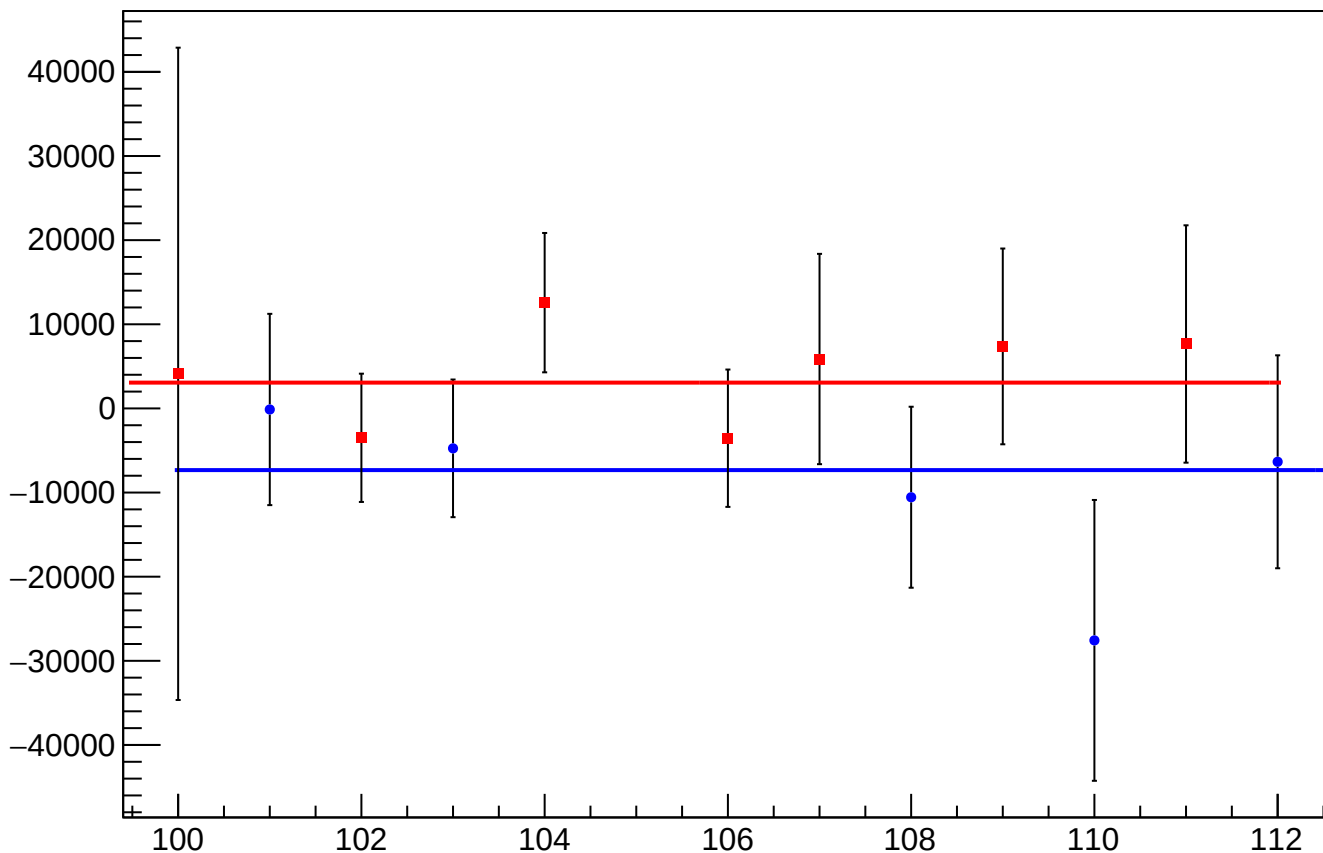
Right: 2436.735+/-0.792 χ^2/NDF : 613855.3/11

In: 2517.045+/-1.164 χ^2/NDF : 385958.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2436.735+/-0.792 χ^2/NDF : 613855.3/11

asym_atr2_dit_correction_mean vs Slug, Sign Corrected



Right In: -7330.837+/-4928.963 χ^2/NDF : 2.1/4

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

Right Out: 3066.724+/-3884.303 χ^2/NDF : 3.0/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

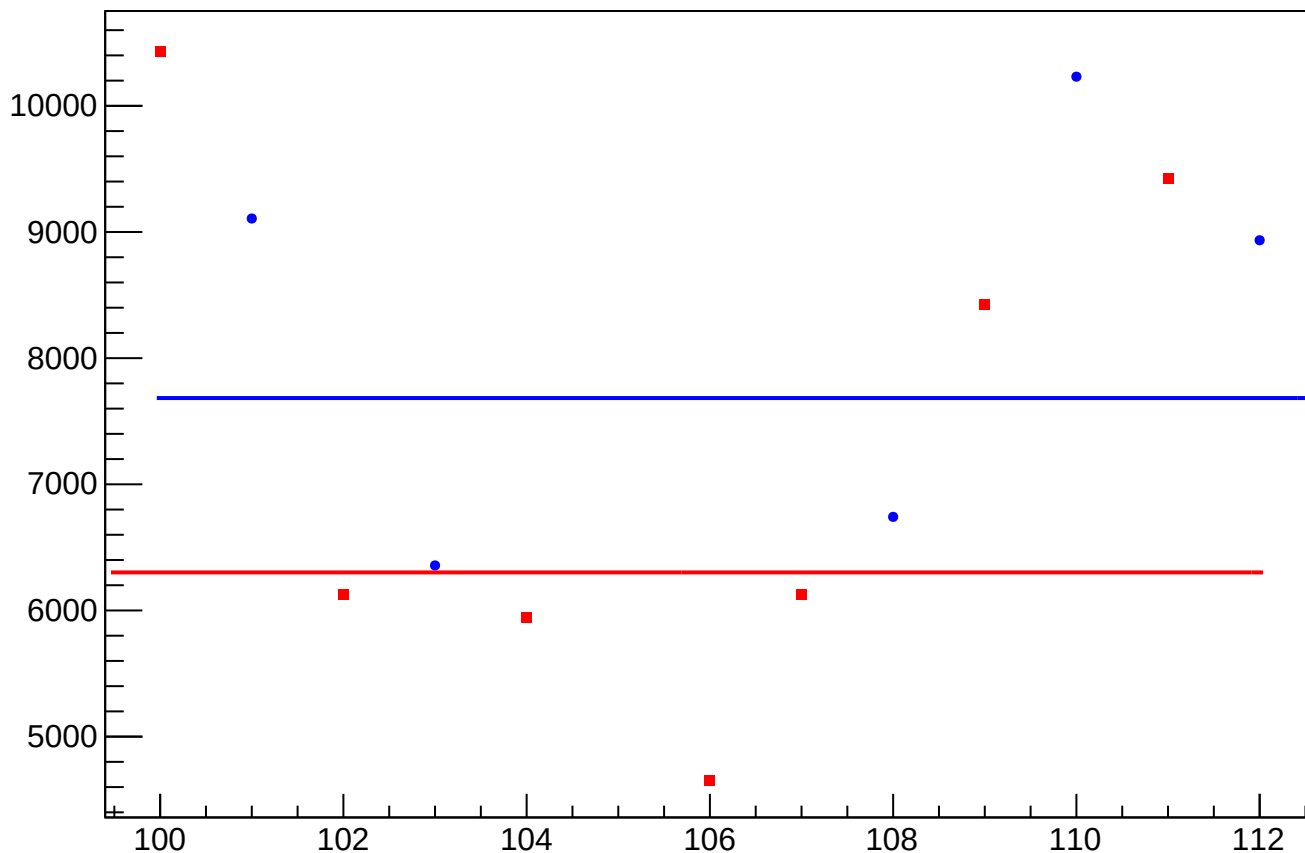
Right: -916.682+/-3050.823 χ^2/NDF : 7.8/11

In: -7330.837+/-4928.963 χ^2/NDF : 2.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -916.682+/-3050.823 χ^2/NDF : 7.8/11

asym_atr2_dit_correction_rms vs Slug, Sign Corrected



Right In: 7683.812+/-3.485 χ^2/NDF : 165458.5/4

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

Right Out: 6301.633+/-2.747 χ^2/NDF : 273779.3/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

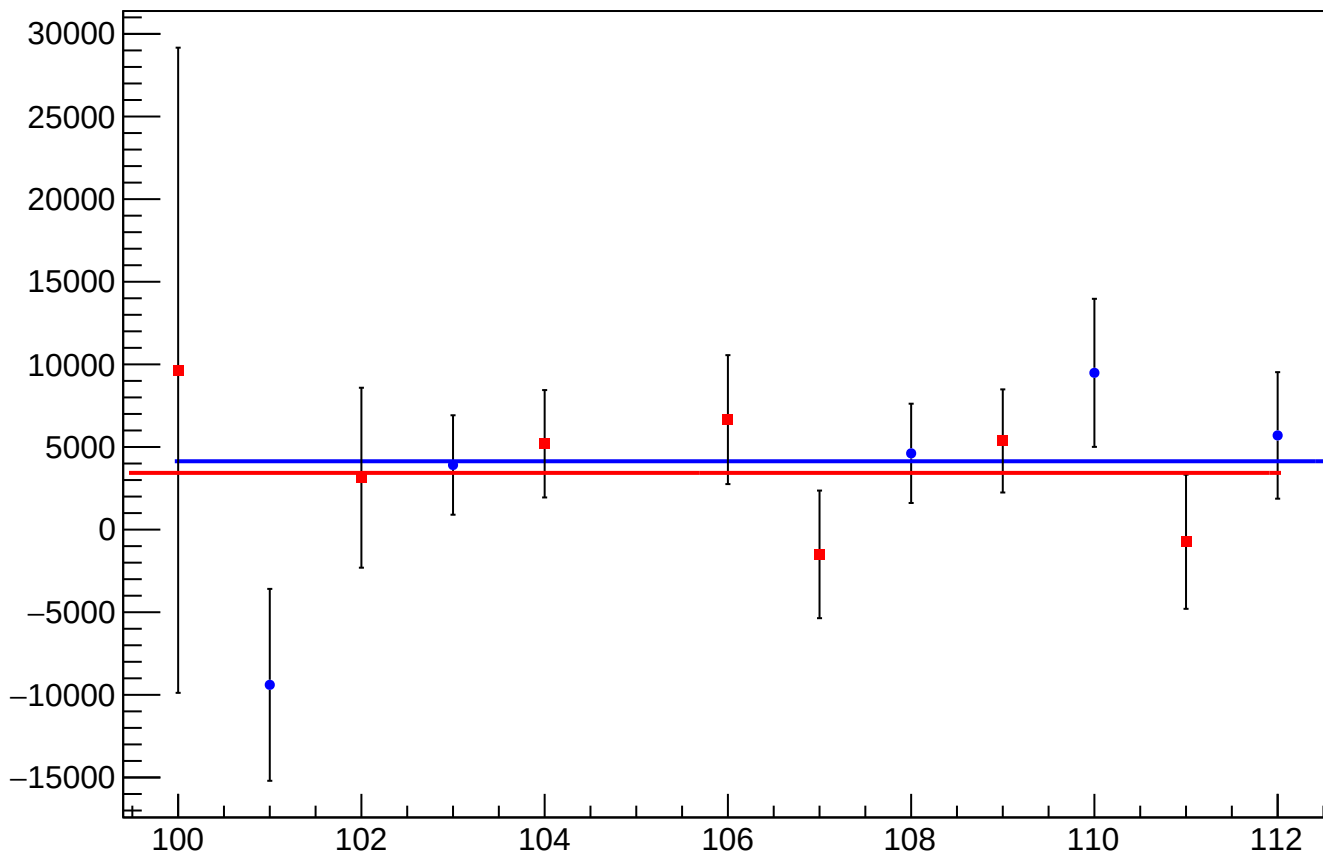
Right: 6831.159+/-2.157 χ^2/NDF : 536256.6/11

In: 7683.812+/-3.485 χ^2/NDF : 165458.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6831.159+/-2.157 χ^2/NDF : 536256.6/11

eigen_dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4136.778+/-1646.400 χ^2/NDF : 7.1/4

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

Right Out: 3432.717+/-1529.988 χ^2/NDF : 4.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

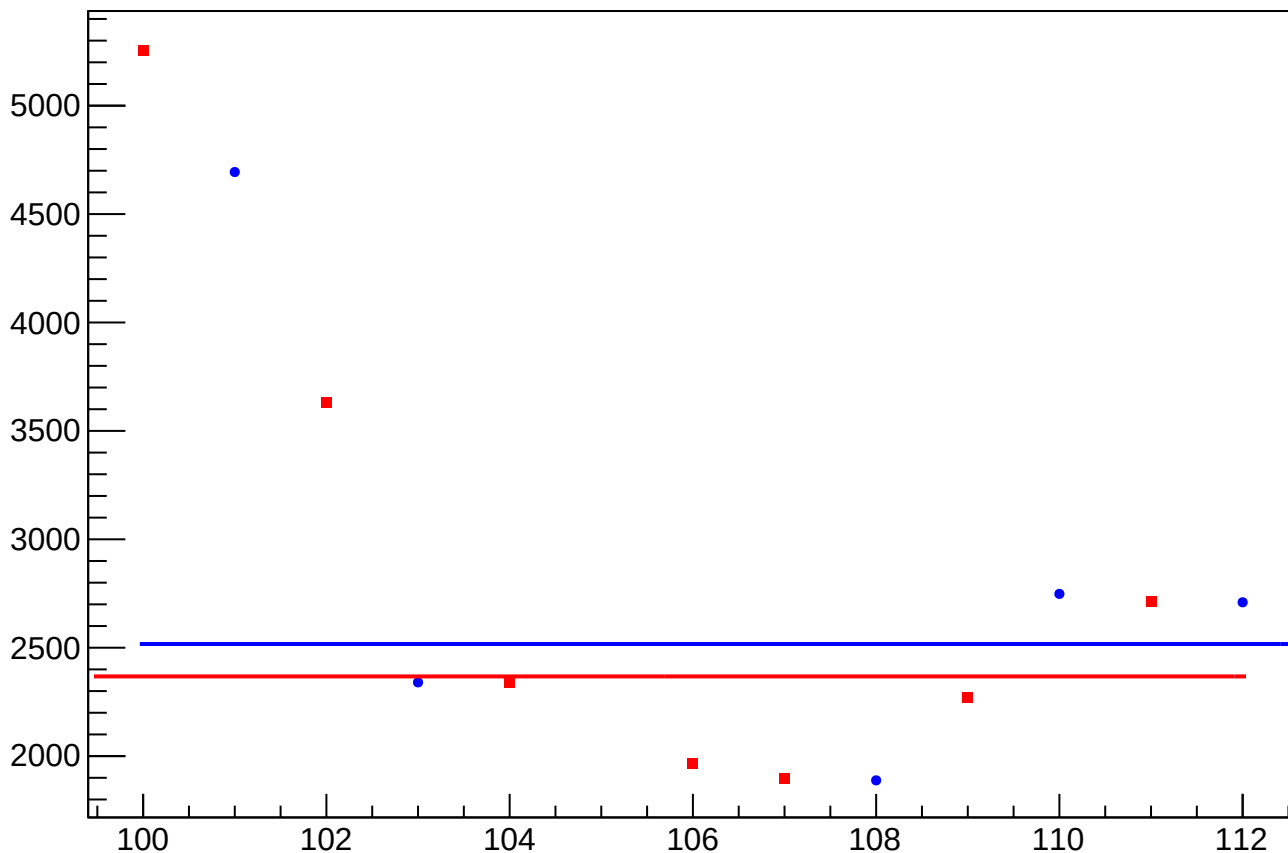
Right: 3758.979+/-1120.762 χ^2/NDF : 11.3/11

In: 4136.778+/-1646.400 χ^2/NDF : 7.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3758.979+/-1120.762 χ^2/NDF : 11.3/11

eigen_dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2517.044+/-1.164 χ^2/NDF : 385958.7/4

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

Right Out: 2367.585+/-1.080 χ^2/NDF : 219040.4/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

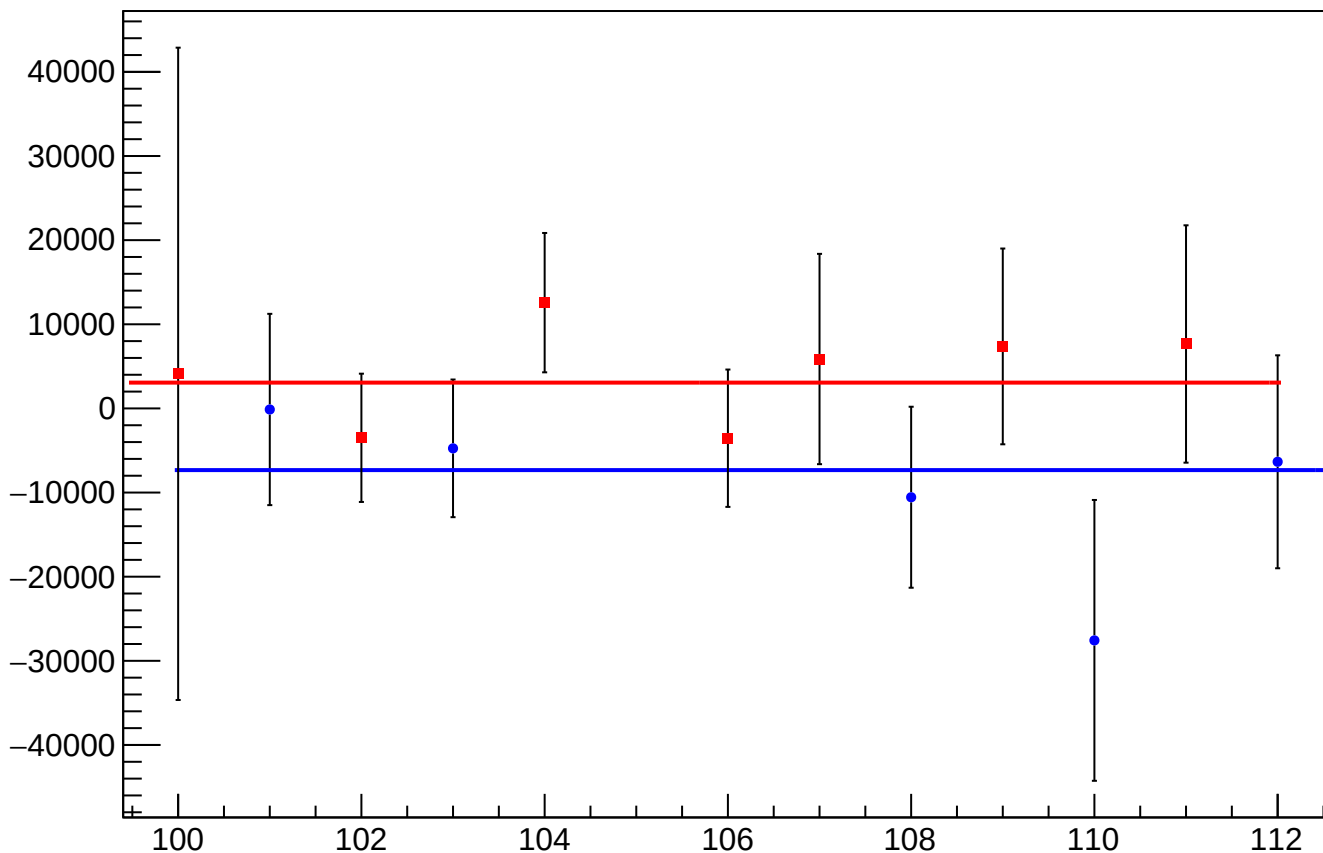
Right: 2436.735+/-0.792 χ^2/NDF : 613855.3/11

In: 2517.044+/-1.164 χ^2/NDF : 385958.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2436.735+/-0.792 χ^2/NDF : 613855.3/11

asym_atr2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -7330.842+/-4928.960 χ^2/NDF : 2.1/4

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

Right Out: 3066.728+/-3884.298 χ^2/NDF : 3.0/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

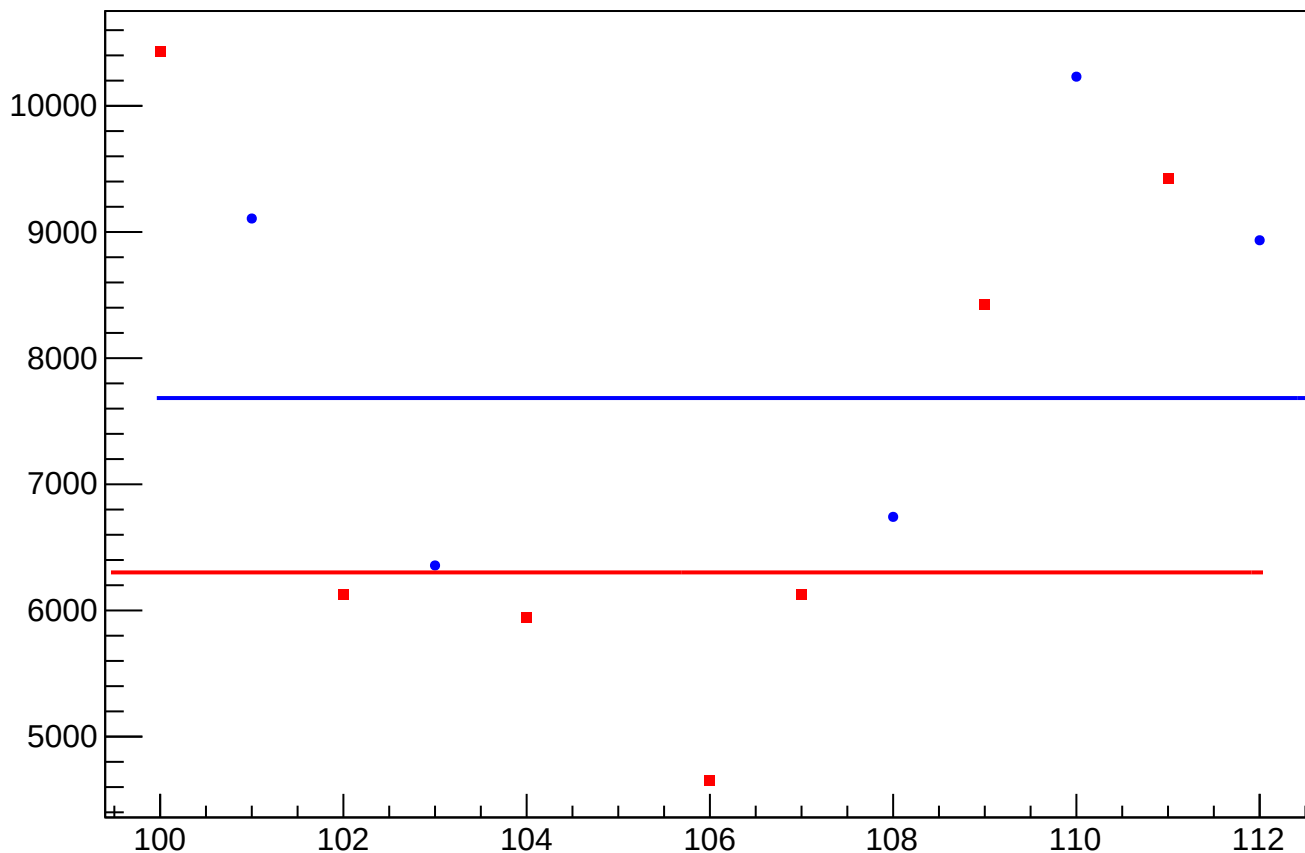
Right: -916.677+/-3050.820 χ^2/NDF : 7.8/11

In: -7330.842+/-4928.960 χ^2/NDF : 2.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -916.677+/-3050.820 χ^2/NDF : 7.8/11

asym_atr2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 7683.810+/-3.485 χ^2/NDF : 165456.9/4

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

Right Out: 6301.624+/-2.747 χ^2/NDF : 273779.8/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

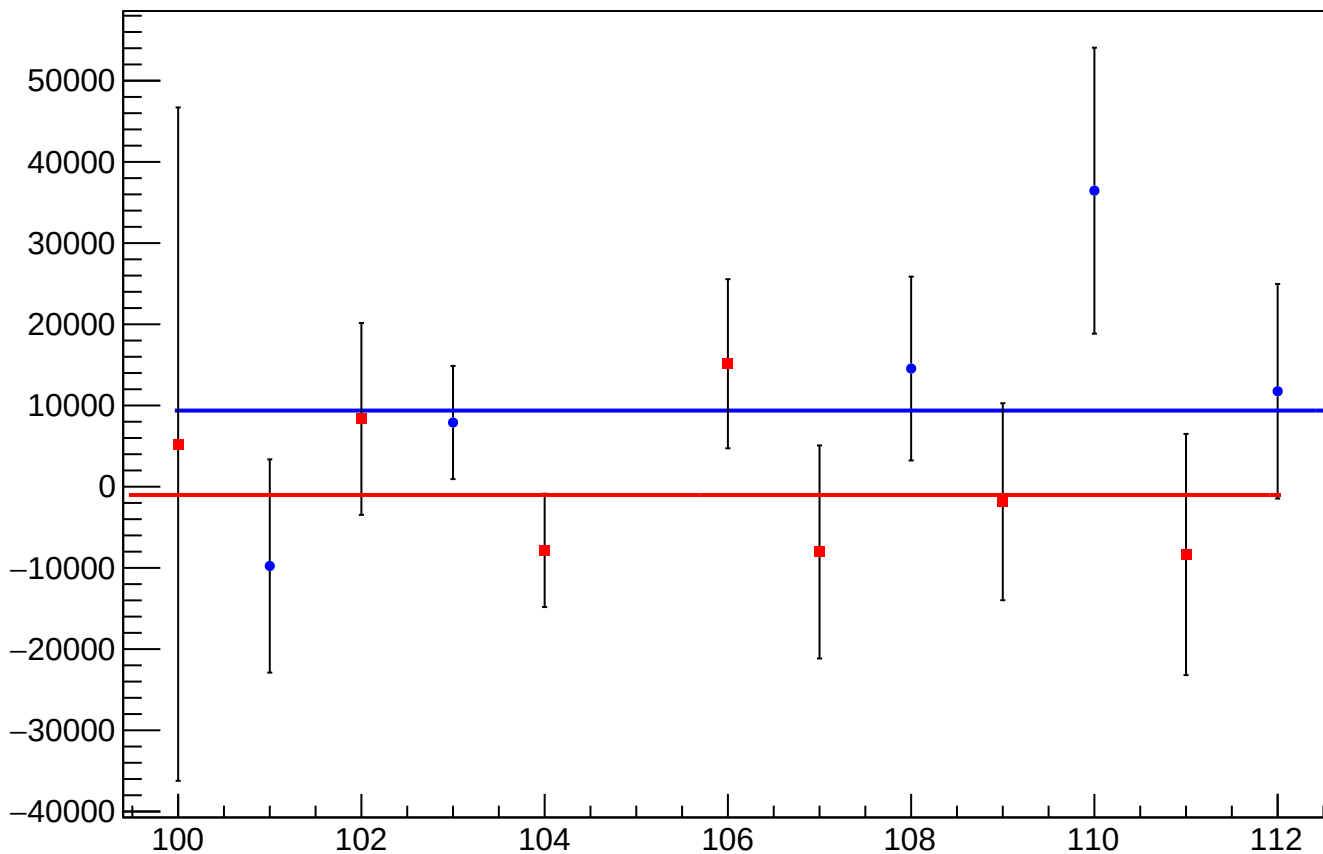
Right: 6831.152+/-2.157 χ^2/NDF : 536256.6/11

In: 7683.810+/-3.485 χ^2/NDF : 165456.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6831.152+/-2.157 χ^2/NDF : 536256.6/11

asym_atr2_mean vs Slug, Sign Corrected



Right In: 9376.424+/-4814.182 χ^2/NDF : 4.8/4

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

Right Out: -1021.014+/-4278.415 χ^2/NDF : 4.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

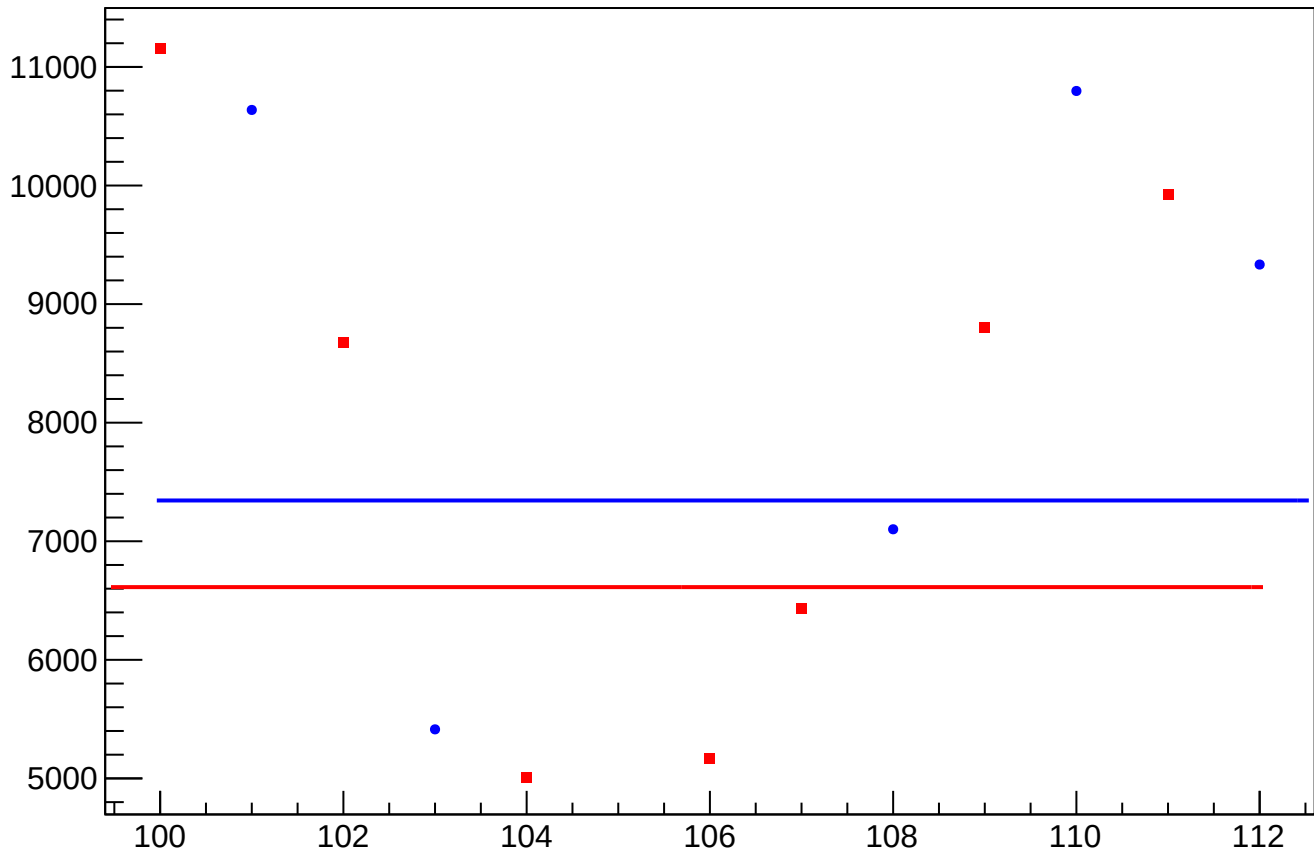
Right: 3567.172+/-3198.010 χ^2/NDF : 11.9/11

In: 9376.424+/-4814.182 χ^2/NDF : 4.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3567.172+/-3198.010 χ^2/NDF : 11.9/11

asym_atr2_rms vs Slug, Sign Corrected



Right In: 7343.932+/-3.404 χ^2/NDF : 402434.5/4

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

Right Out: 6613.267+/-3.025 χ^2/NDF : 393631.6/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

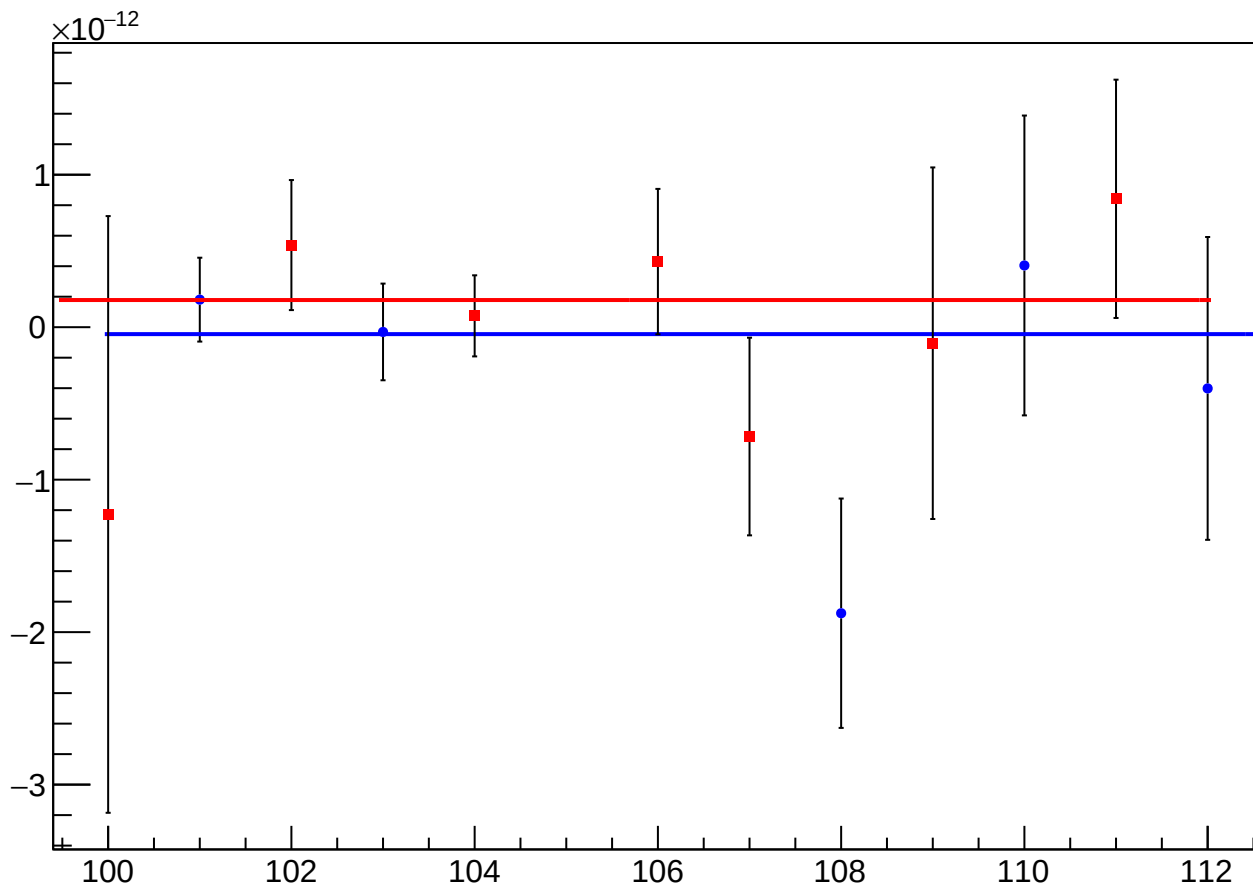
Right: 6935.682+/-2.261 χ^2/NDF : 821807.3/11

In: 7343.932+/-3.404 χ^2/NDF : 402434.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6935.682+/-2.261 χ^2/NDF : 821807.3/11

asym_atr2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.9/4

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

Right Out: 0.000+/-0.000 χ^2/NDF : 4.4/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

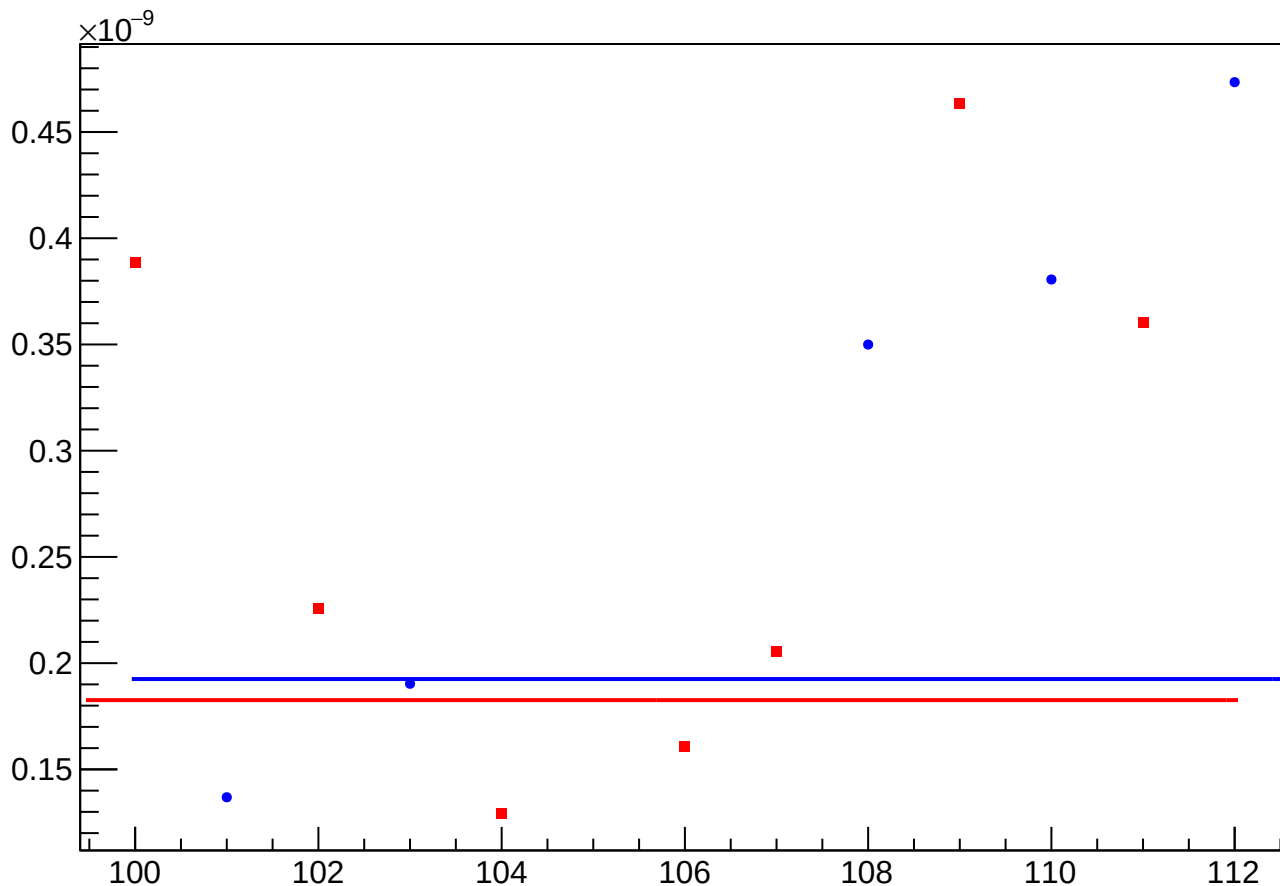
Right: 0.000+/-0.000 χ^2/NDF : 12.0/11

In: -0.000+/-0.000 χ^2/NDF : 6.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.0/11

asym_atr2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 402835.1/4

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

Right Out: 0.000+/-0.000 χ^2/NDF : 352084.7/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

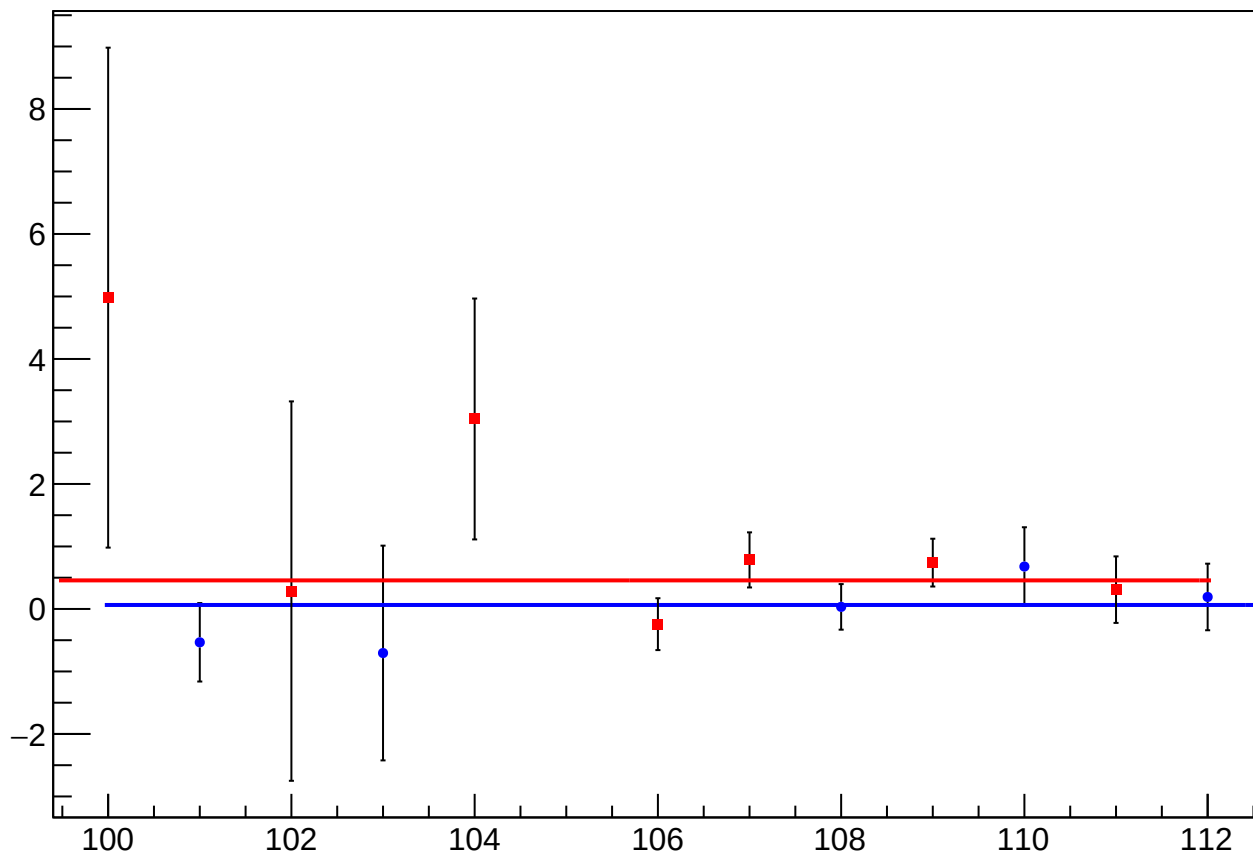
Right: 0.000+/-0.000 χ^2/NDF : 757677.3/11

In: 0.000+/-0.000 χ^2/NDF : 402835.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 757677.3/11

asym_atr2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.064 $\pm$ 0.247 χ^2 /NDF: 2.1/4

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

Right Out: 0.457 $\pm$ 0.214 χ^2 /NDF: 7.1/6

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

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

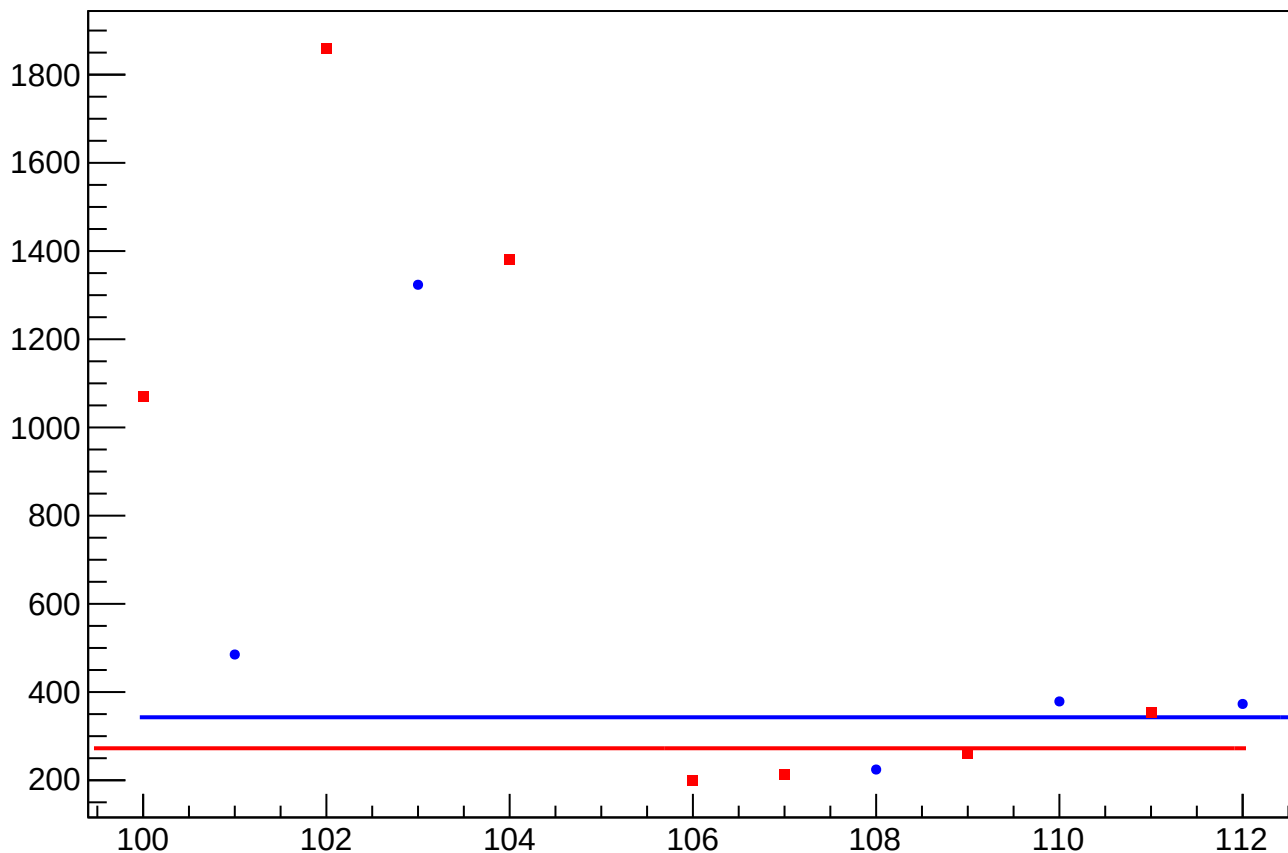
Right: 0.288 $\pm$ 0.162 χ^2 /NDF: 10.7/11

In: 0.064 $\pm$ 0.247 χ^2 /NDF:2.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.288 $\pm$ 0.162 χ^2 /NDF: 10.7/11

asym_atr2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 342.824+/-0.174 χ^2/NDF : 978638.6/4

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

Right Out: 272.539+/-0.152 χ^2/NDF : 1436104.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

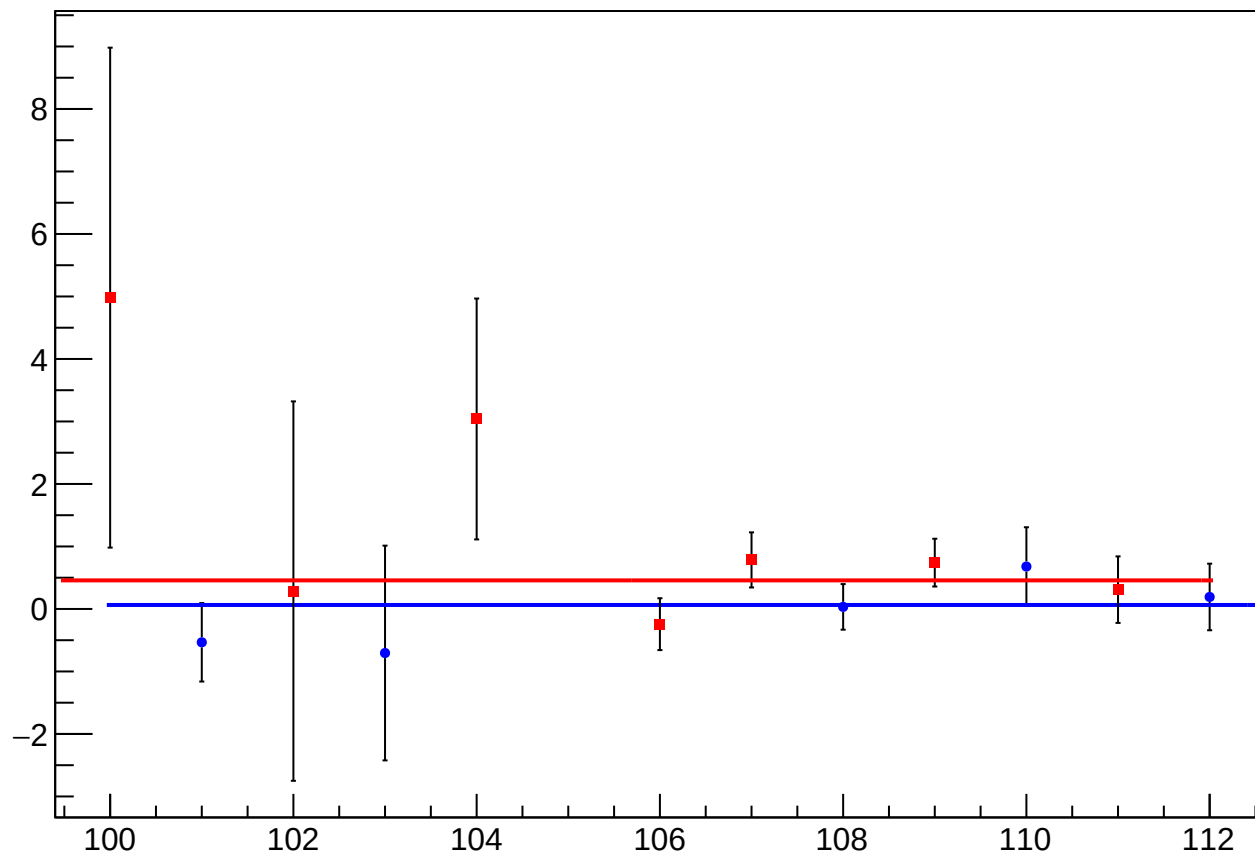
Right: 302.792+/-0.114 χ^2/NDF : 2507307.7/11

In: 342.824+/-0.174 χ^2/NDF : 978638.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 302.792+/-0.114 χ^2/NDF : 2507307.7/11

asym_atr2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.064 $\pm$ 0.247 χ^2 /NDF: 2.1/4

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

Right Out: 0.457 $\pm$ 0.214 χ^2 /NDF: 7.1/6

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

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

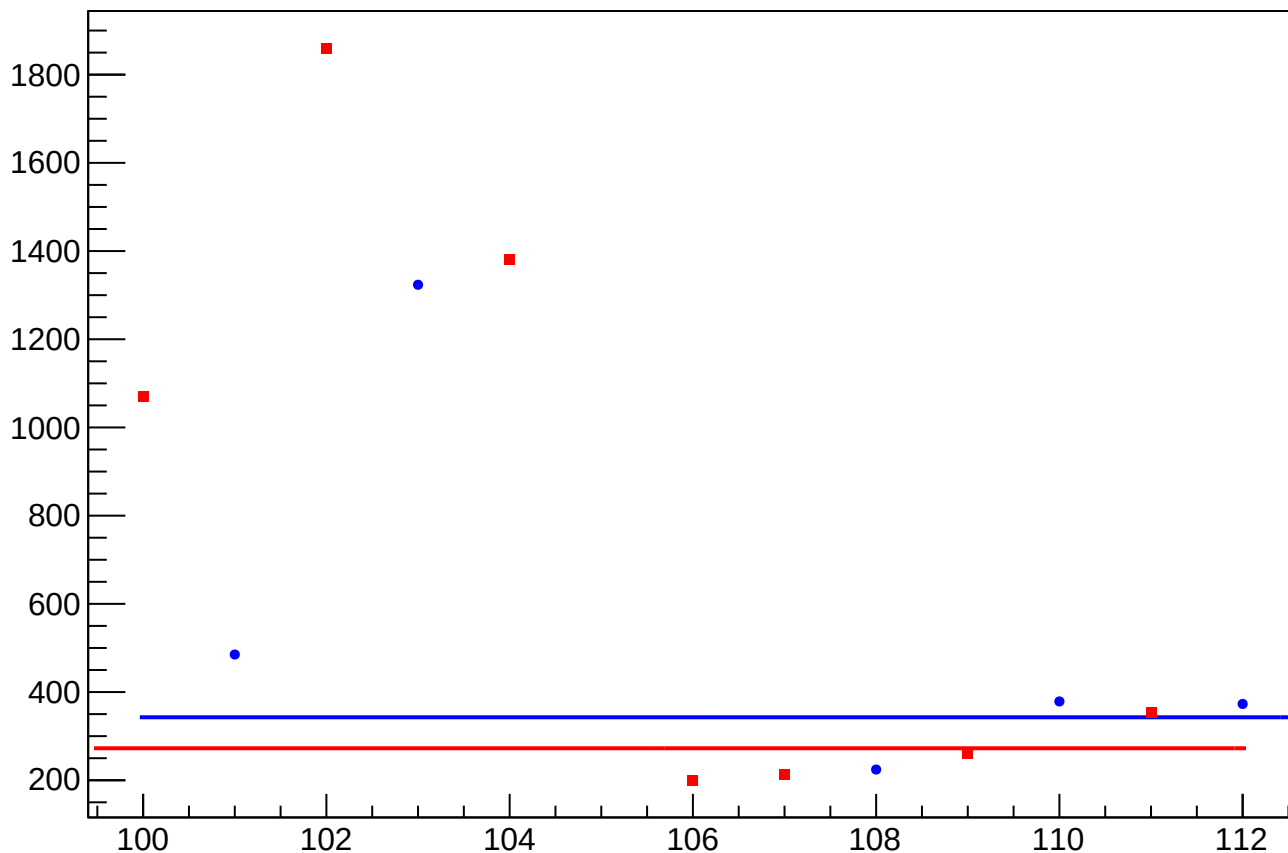
Right: 0.288 $\pm$ 0.162 χ^2 /NDF: 10.7/11

In: 0.064 $\pm$ 0.247 χ^2 /NDF: 2.1/4

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

All: 0.288 $\pm$ 0.162 χ^2 /NDF: 10.7/11

asym_atr2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 342.824+/-0.174 χ^2/NDF : 978638.6/4

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

Right Out: 272.539+/-0.152 χ^2/NDF : 1436104.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

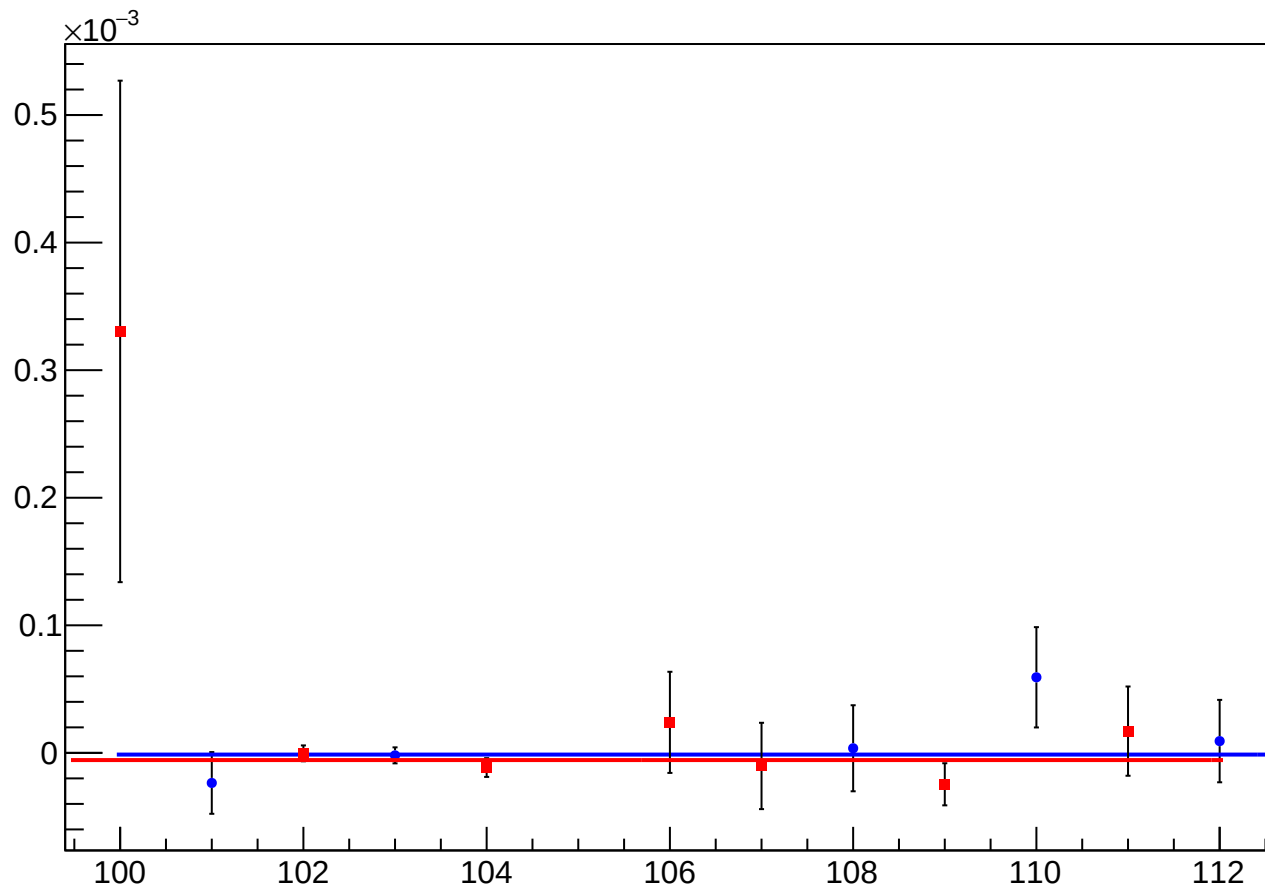
Right: 302.792+/-0.114 χ^2/NDF : 2507307.7/11

In: 342.824+/-0.174 χ^2/NDF : 978638.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 302.792+/-0.114 χ^2/NDF : 2507307.7/11

asym_atr2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.4/4

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

Right Out: -0.000+/-0.000 χ^2/NDF : 6.6/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

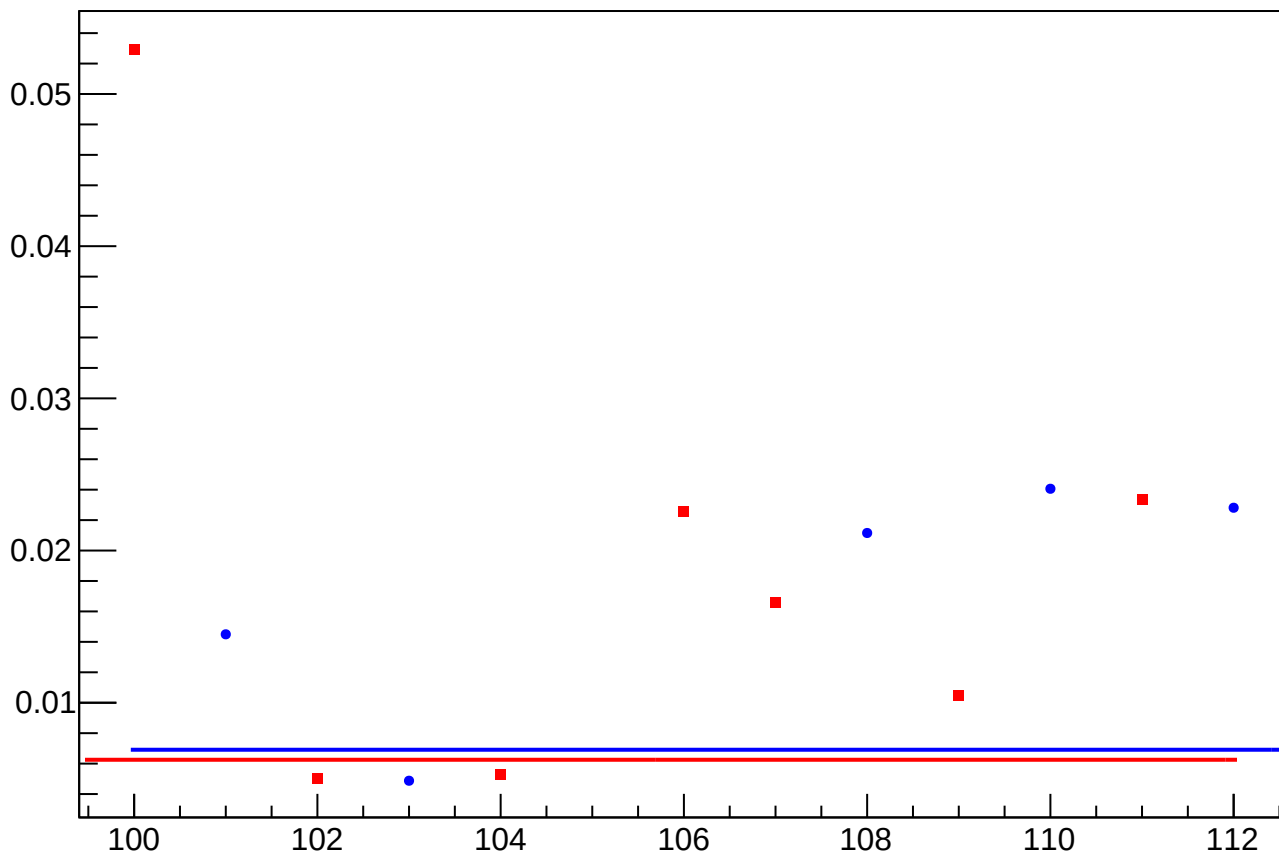
Right: -0.000+/-0.000 χ^2/NDF : 10.3/11

In: -0.000+/-0.000 χ^2/NDF : 3.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.3/11

asym_atr2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 1629898.5/4

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

Right Out: 0.006+/-0.000 χ^2/NDF : 1363711.0/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

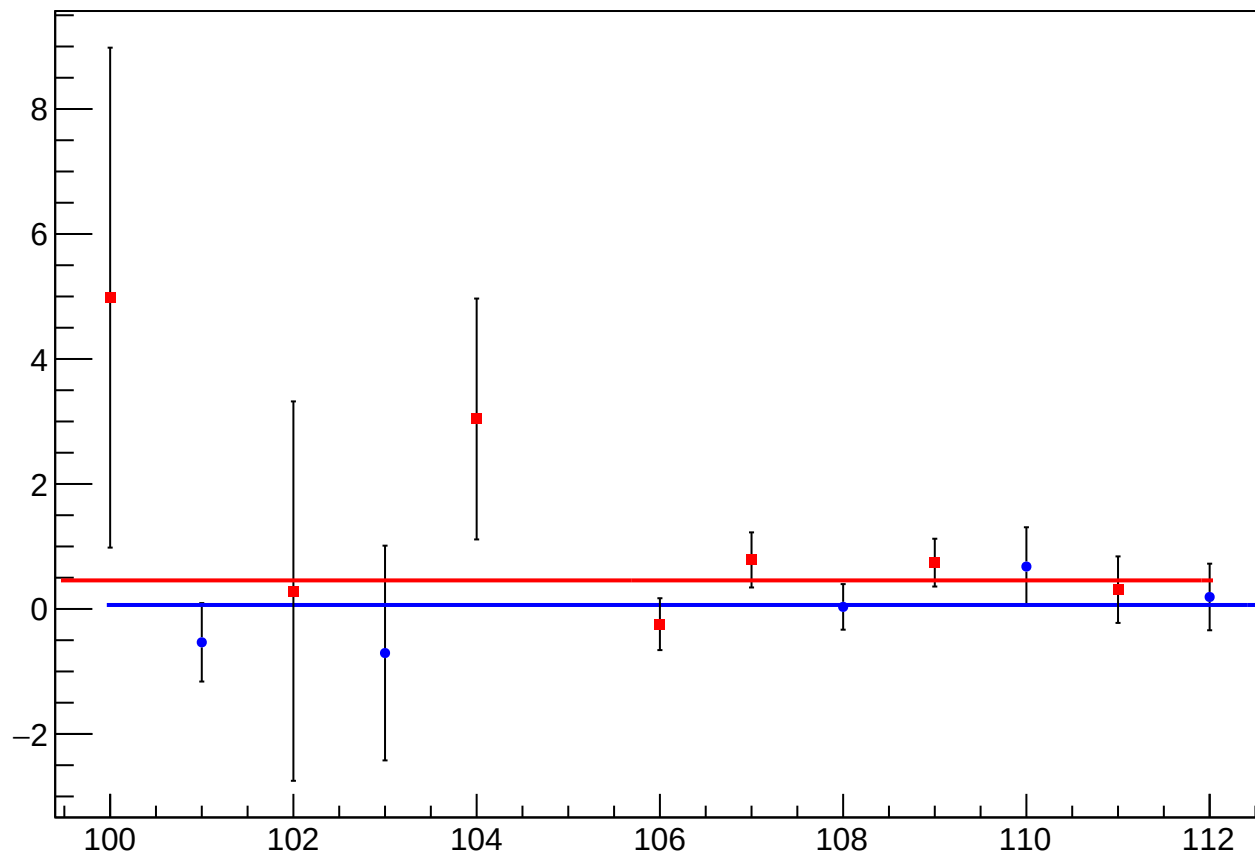
Right: 0.006+/-0.000 χ^2/NDF : 3009797.5/11

In: 0.007+/-0.000 χ^2/NDF : 1629898.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 3009797.5/11

asym_atr2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.064 $\pm$ 0.247 χ^2 /NDF: 2.1/4

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

Right Out: 0.457 $\pm$ 0.214 χ^2 /NDF: 7.1/6

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

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

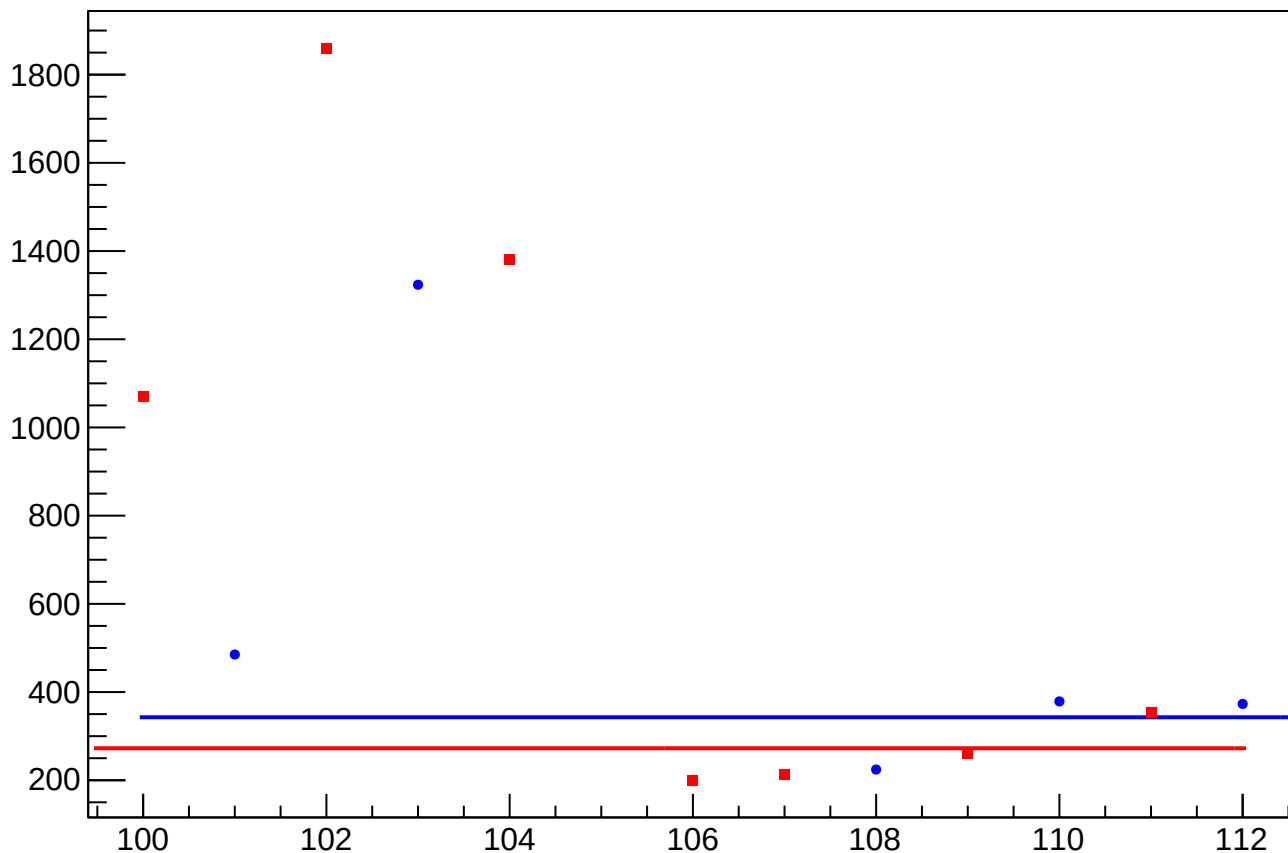
Right: 0.288 $\pm$ 0.162 χ^2 /NDF: 10.7/11

In: 0.064 $\pm$ 0.247 χ^2 /NDF:2.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.288 $\pm$ 0.162 χ^2 /NDF: 10.7/11

asym_atr2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 342.821+/-0.174 χ^2/NDF : 978668.2/4

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

Right Out: 272.539+/-0.152 χ^2/NDF : 1436113.3/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

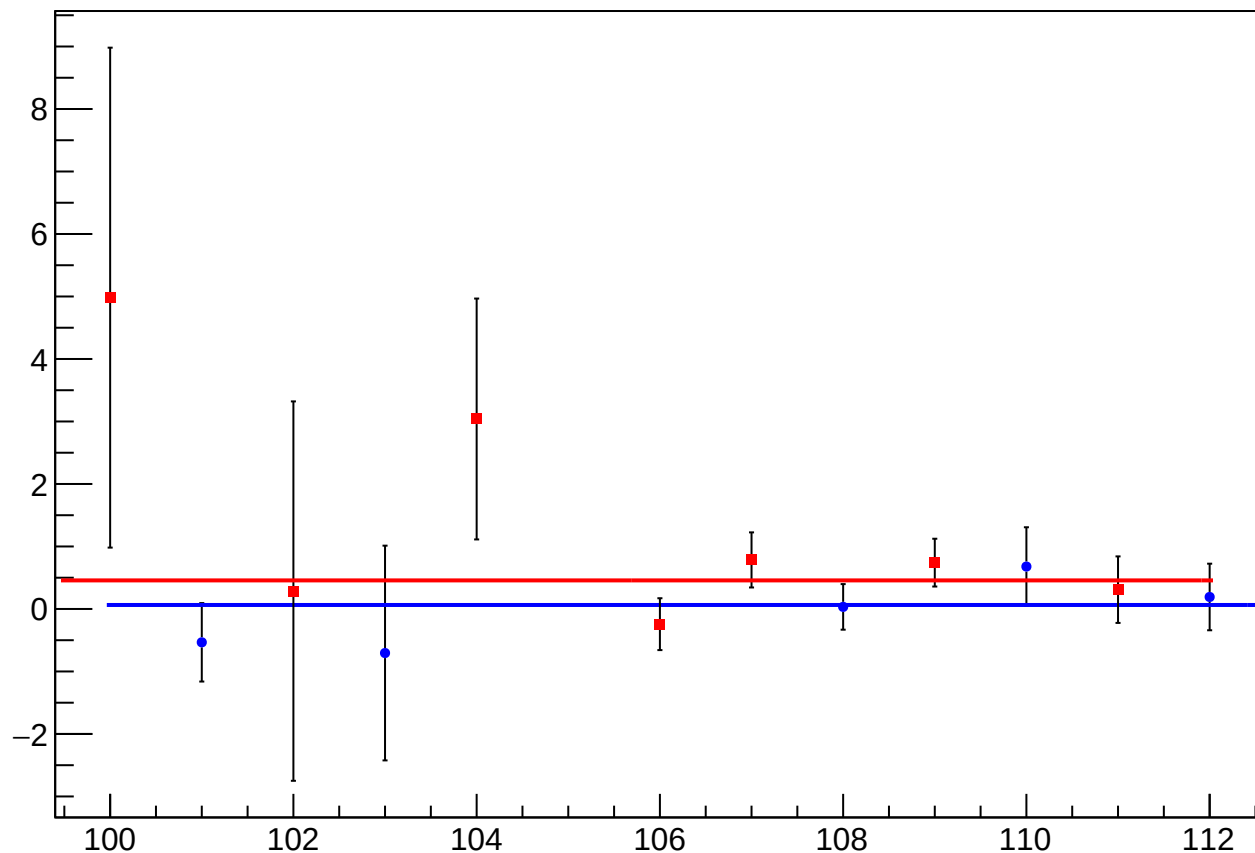
Right: 302.791+/-0.114 χ^2/NDF : 2507337.9/11

In: 342.821+/-0.174 χ^2/NDF : 978668.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 302.791+/-0.114 χ^2/NDF : 2507337.9/11

asym_atr2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.064+/-0.247 χ^2/NDF : 2.1/4

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

Right Out: 0.457+/-0.214 χ^2/NDF : 7.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

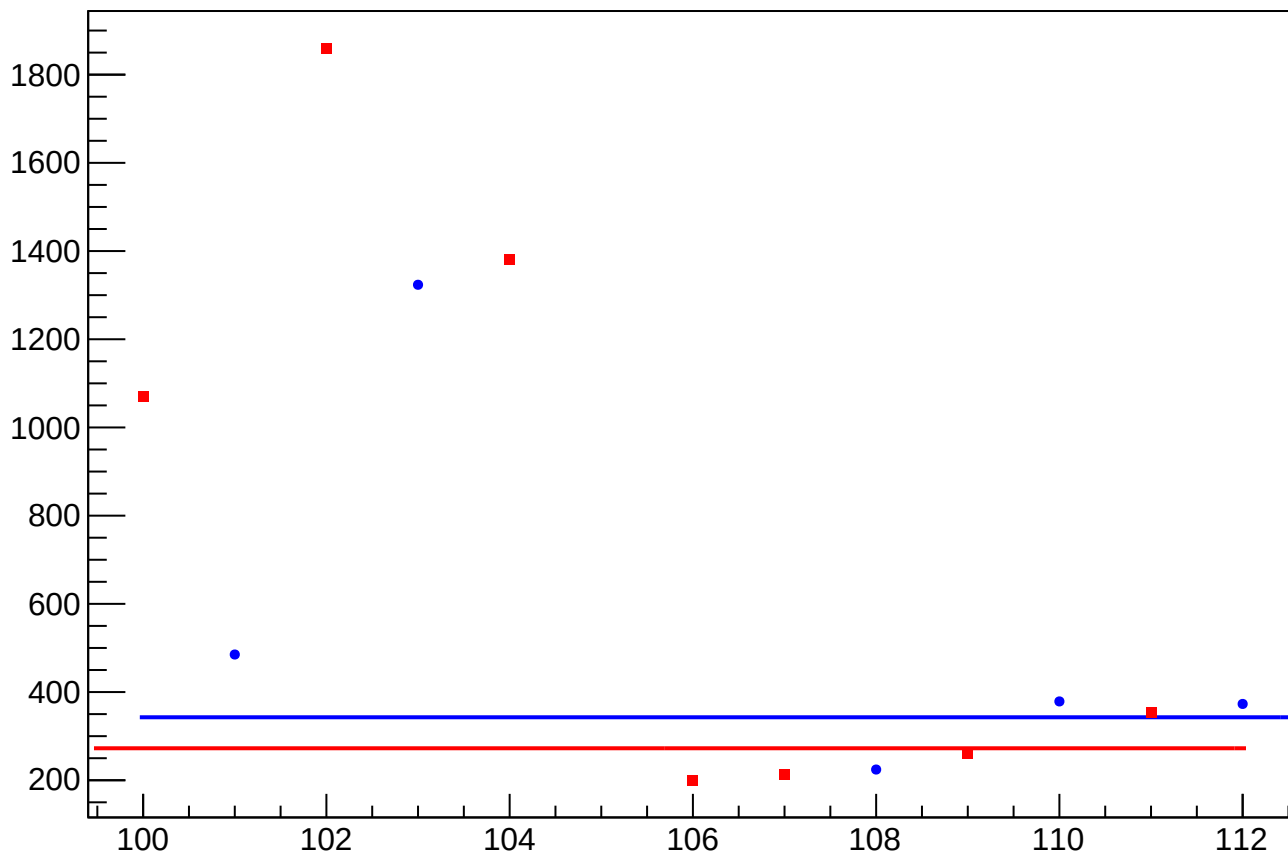
Right: 0.288+/-0.162 χ^2/NDF : 10.7/11

In: 0.064+/-0.247 χ^2/NDF : 2.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.288+/-0.162 χ^2/NDF : 10.7/11

asym_atr2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 342.821+/-0.174 χ^2/NDF : 978668.2/4

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

Right Out: 272.539+/-0.152 χ^2/NDF : 1436113.3/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

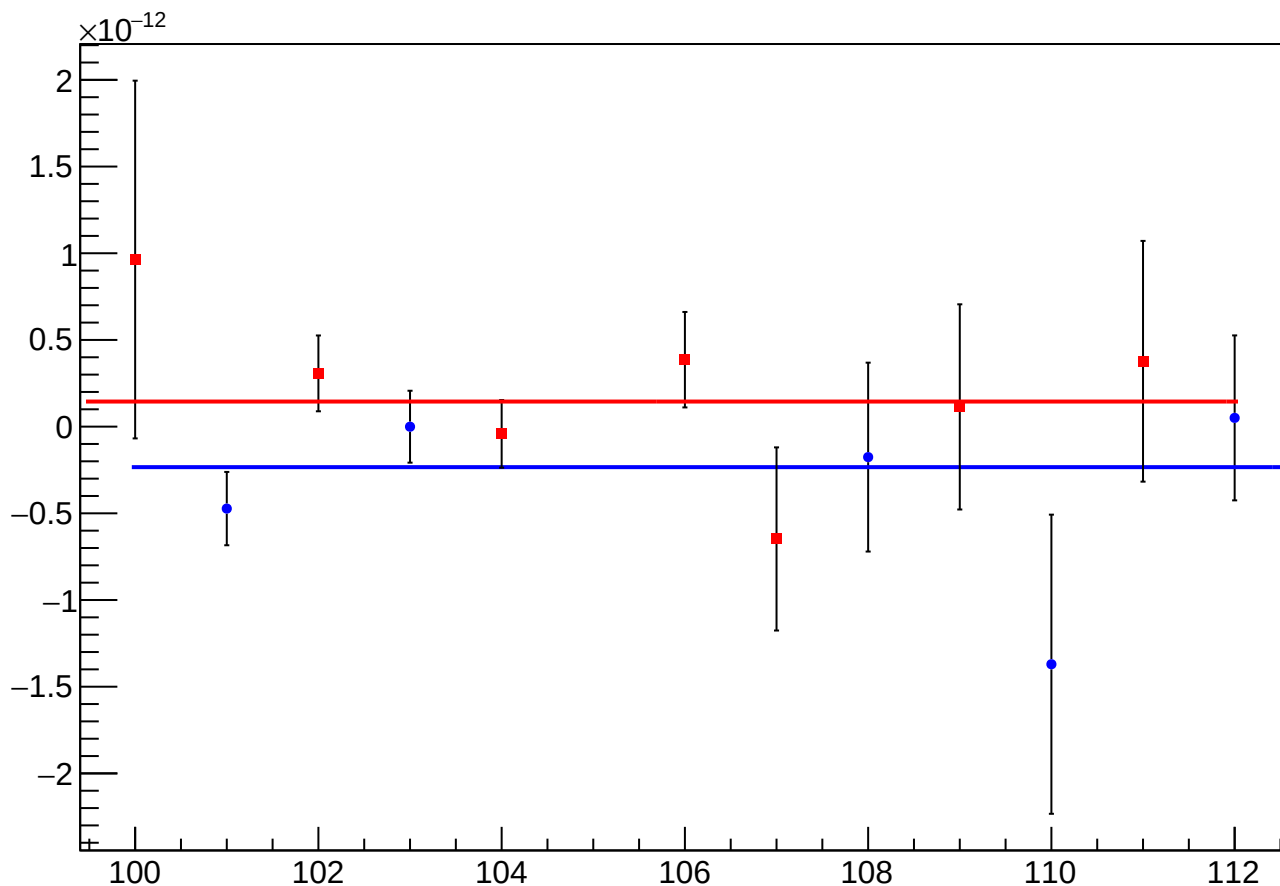
Right: 302.791+/-0.114 χ^2/NDF : 2507337.9/11

In: 342.821+/-0.174 χ^2/NDF : 978668.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 302.791+/-0.114 χ^2/NDF : 2507337.9/11

asym_atr2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.6/4

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

Right Out: 0.000+/-0.000 χ^2/NDF : 5.2/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

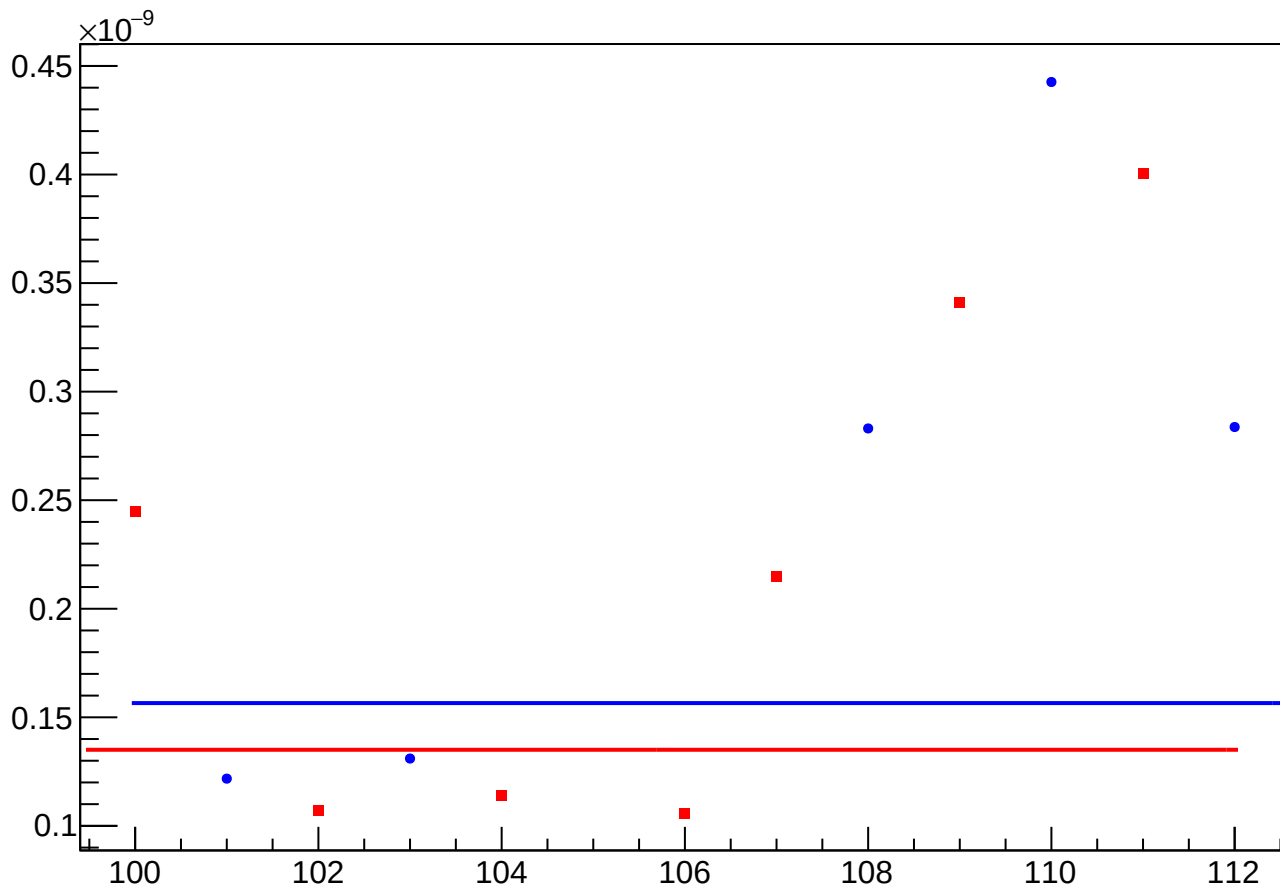
Right: -0.000+/-0.000 χ^2/NDF : 14.3/11

In: -0.000+/-0.000 χ^2/NDF :4.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.3/11

asym_atr2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 555199.6/4

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

Right Out: 0.000+/-0.000 χ^2/NDF : 681767.9/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

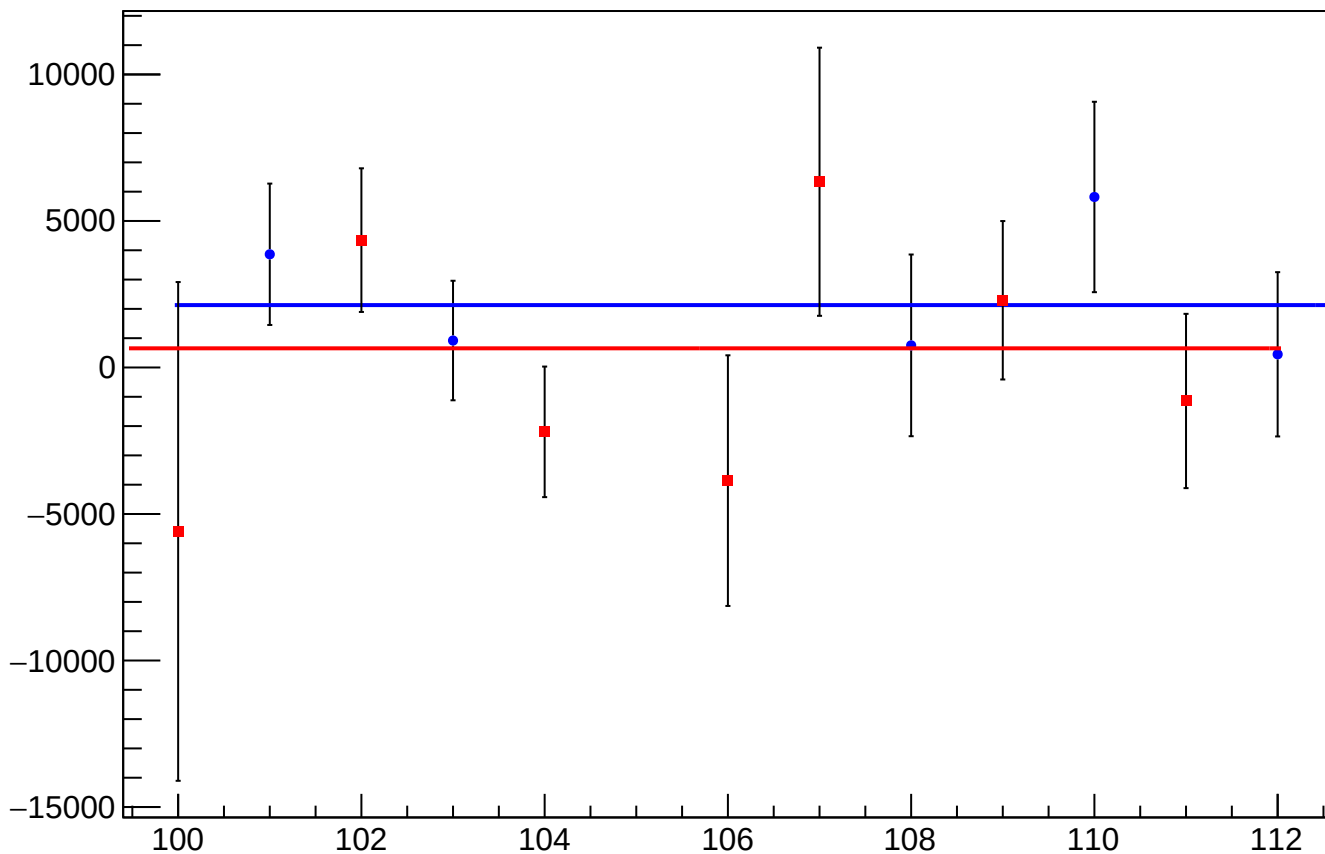
Right: 0.000+/-0.000 χ^2/NDF : 1265359.6/11

In: 0.000+/-0.000 χ^2/NDF : 555199.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1265359.6/11

reg_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2129.331+/-1163.829 χ^2/NDF : 2.7/4

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

Right Out: 653.853+/-1167.132 χ^2/NDF : 7.8/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

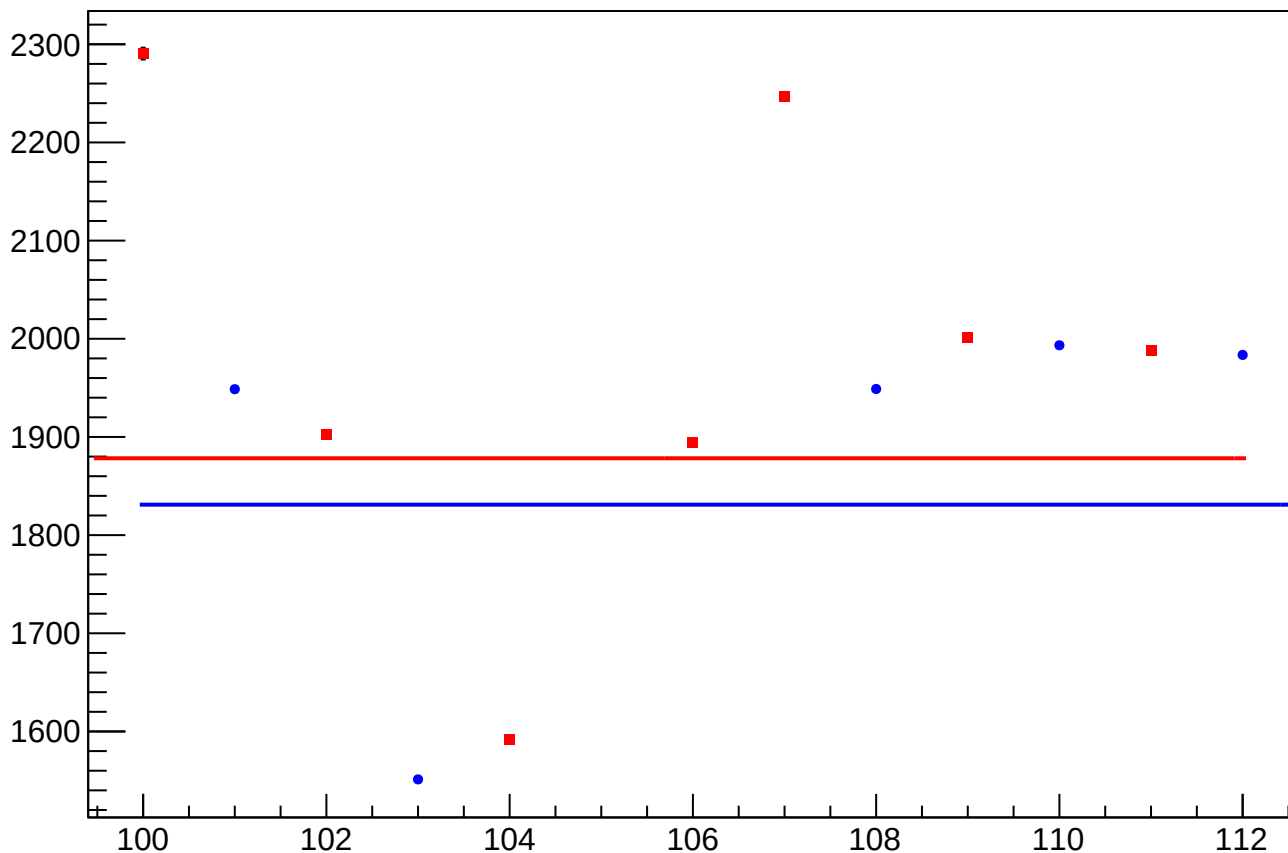
Right: 1393.682+/-824.117 χ^2/NDF : 11.4/11

In: 2129.331+/-1163.829 χ^2/NDF : 2.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1393.682+/-824.117 χ^2/NDF : 11.4/11

reg_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1831.019+/-0.823 χ^2/NDF : 56215.0/4

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

Right Out: 1878.272+/-0.813 χ^2/NDF : 57880.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

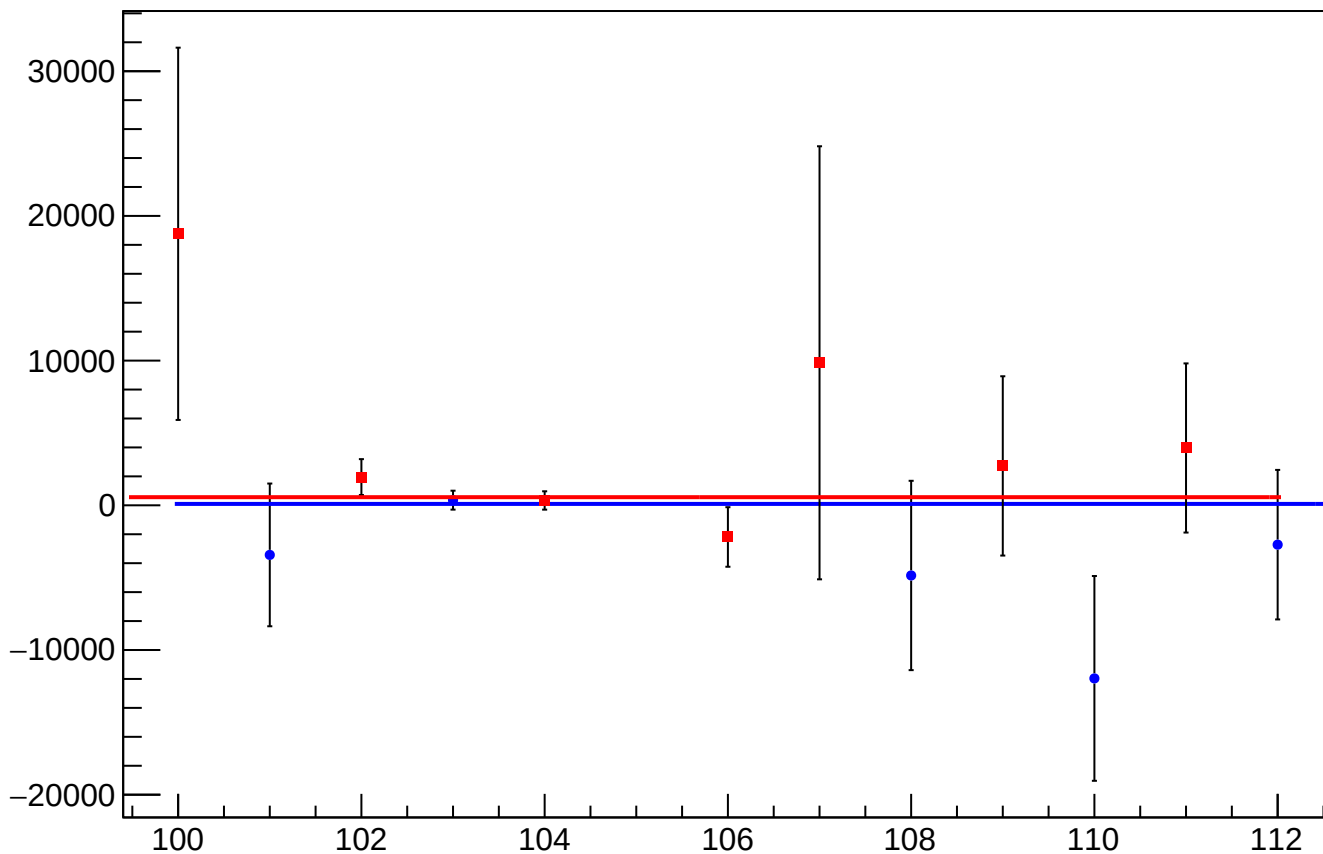
Right: 1854.944+/-0.578 χ^2/NDF : 115764.8/11

In: 1831.019+/-0.823 χ^2/NDF : 56215.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1854.944+/-0.578 χ^2/NDF : 115764.8/11

asym_atl_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 96.485+/-637.576 χ^2/NDF : 4.4/4

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

Right Out: 561.754+/-539.141 χ^2/NDF : 6.0/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

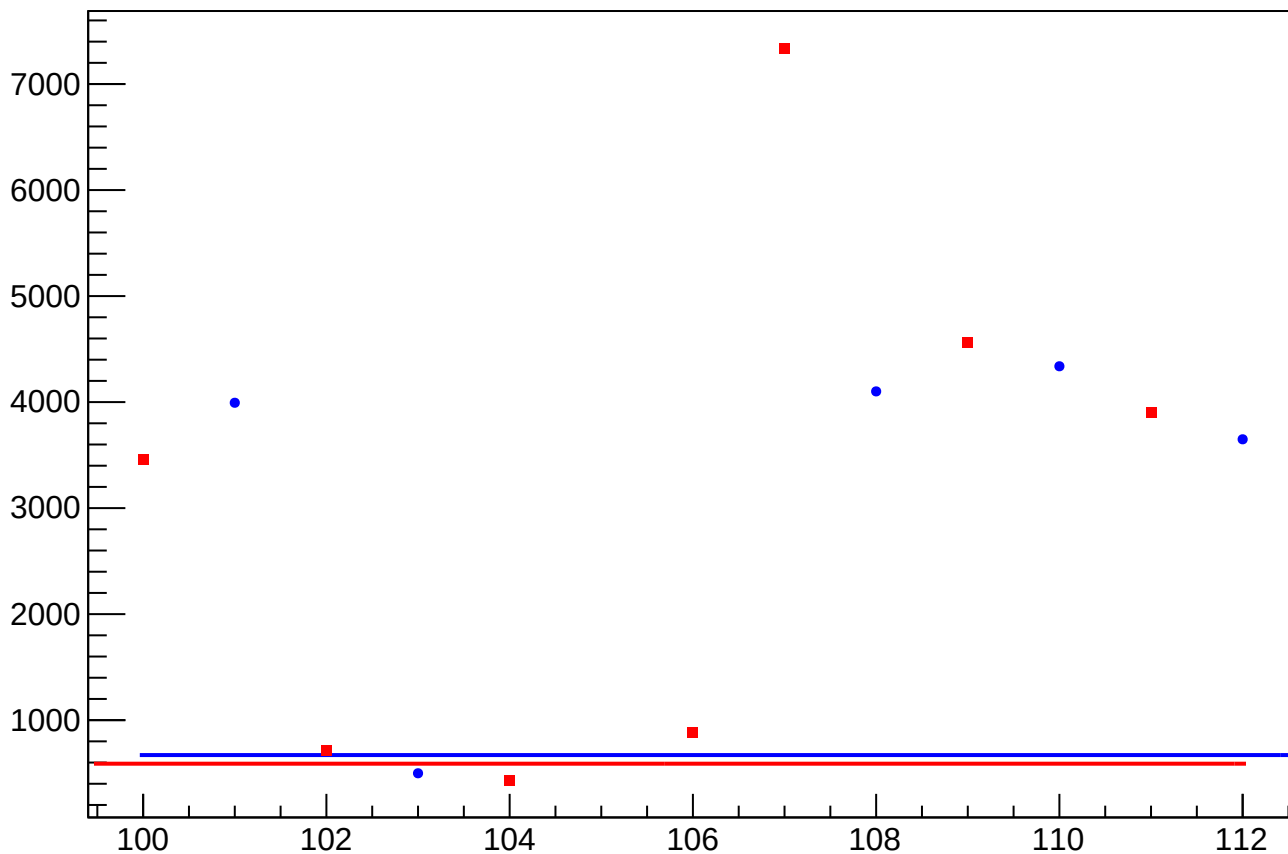
Right: 367.770+/-411.683 χ^2/NDF : 10.8/11

In: 96.485+/-637.576 χ^2/NDF : 4.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 367.770+/-411.683 χ^2/NDF : 10.8/11

asym_atl_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 670.681+/-0.451 χ^2/NDF : 2797704.5/4

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

Right Out: 589.236+/-0.381 χ^2/NDF : 2163572.2/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

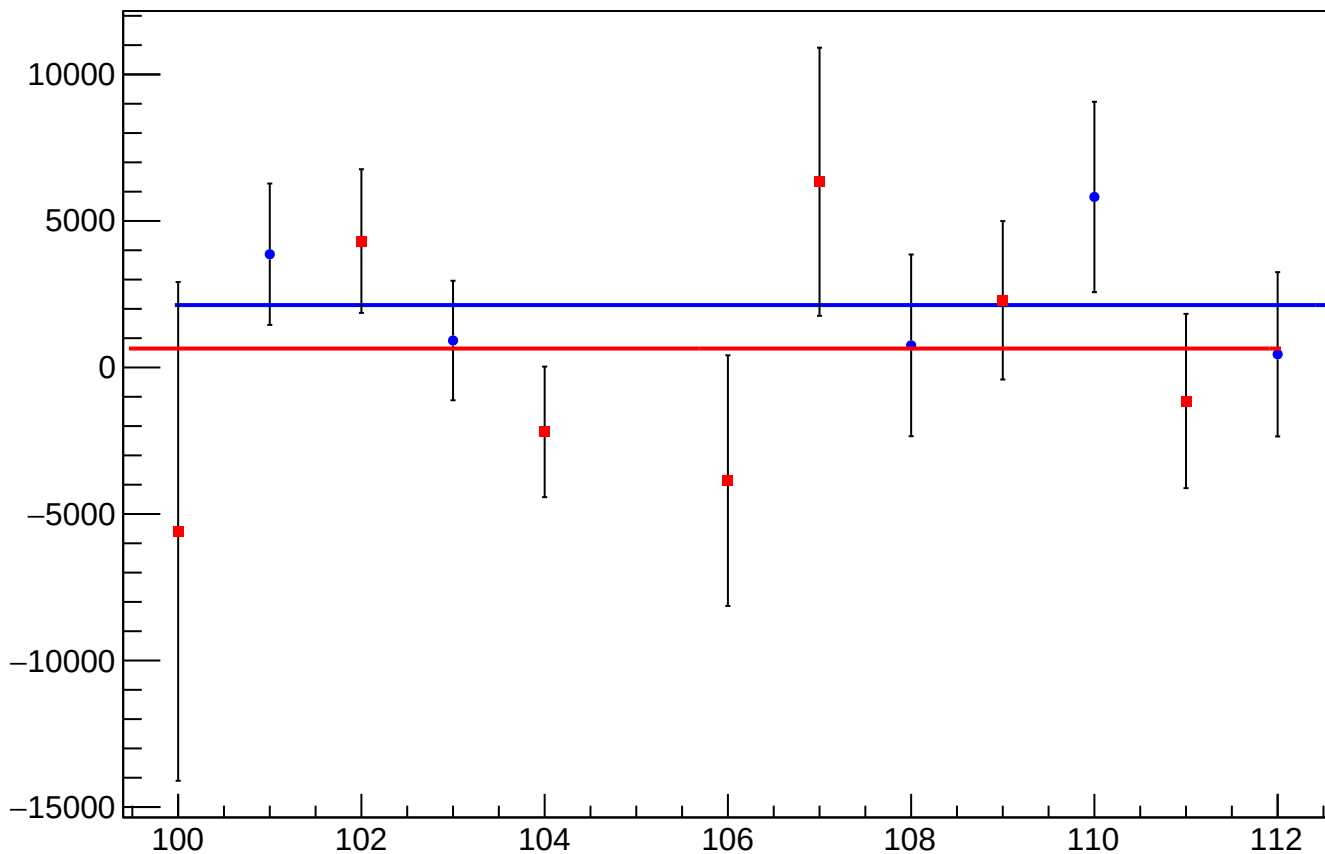
Right: 623.192+/-0.291 χ^2/NDF : 4980305.9/11

In: 670.681+/-0.451 χ^2/NDF : 2797704.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 623.192+/-0.291 χ^2/NDF : 4980305.9/11

cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2129.786+/-1163.829 χ^2/NDF : 2.7/4

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

Right Out: 646.037+/-1167.162 χ^2/NDF : 7.8/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

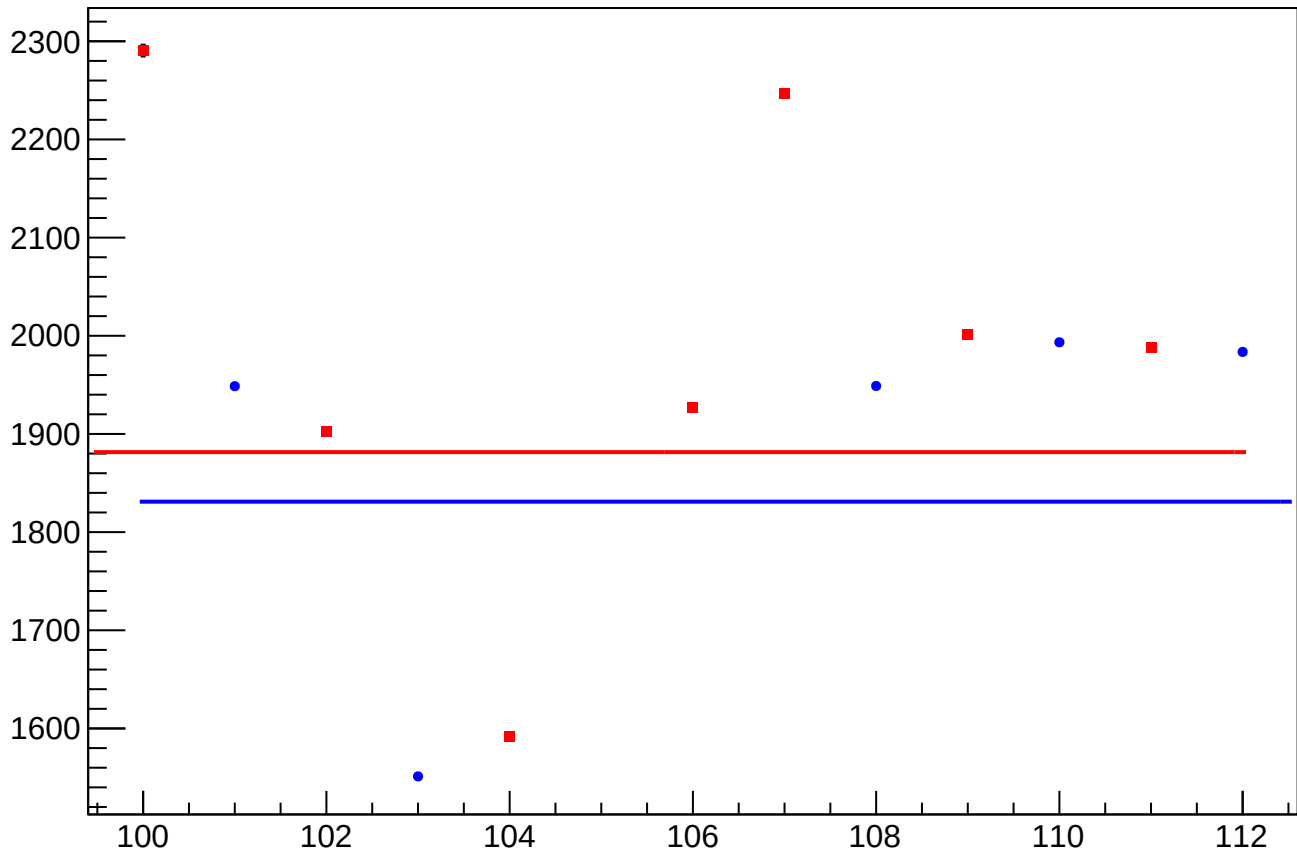
Right: 1390.033+/-824.127 χ^2/NDF : 11.3/11

In: 2129.786+/-1163.829 χ^2/NDF : 2.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1390.033+/-824.127 χ^2/NDF : 11.3/11

cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1831.018+/-0.823 χ^2/NDF : 56215.3/4

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

Right Out: 1881.486+/-0.814 χ^2/NDF : 58182.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

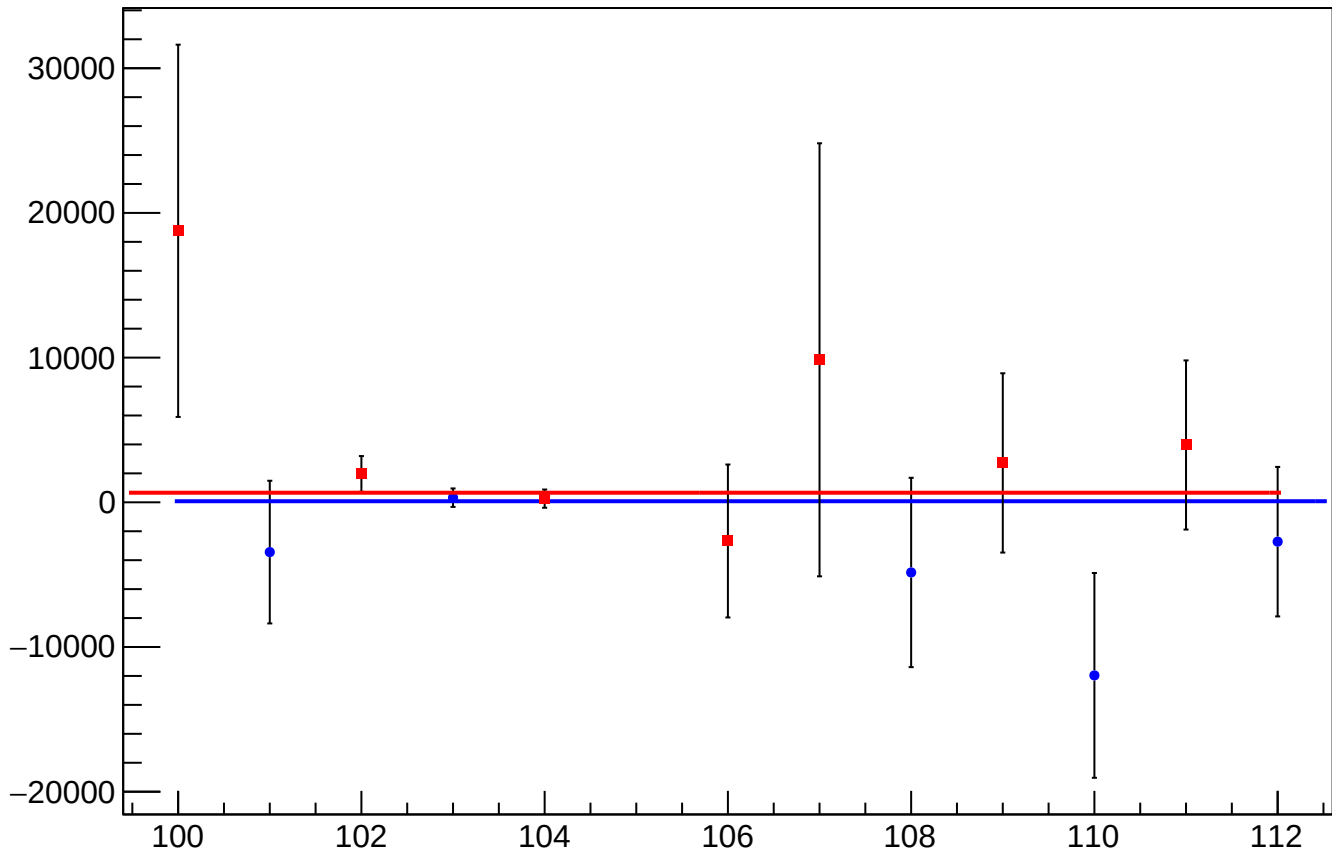
Right: 1856.531+/-0.579 χ^2/NDF : 116299.0/11

In: 1831.018+/-0.823 χ^2/NDF : 56215.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1856.531+/-0.579 χ^2/NDF : 116299.0/11

asym_atl_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 74.781+/-622.318 χ^2/NDF : 4.4/4

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

Right Out: 662.777+/-552.548 χ^2/NDF : 4.7/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

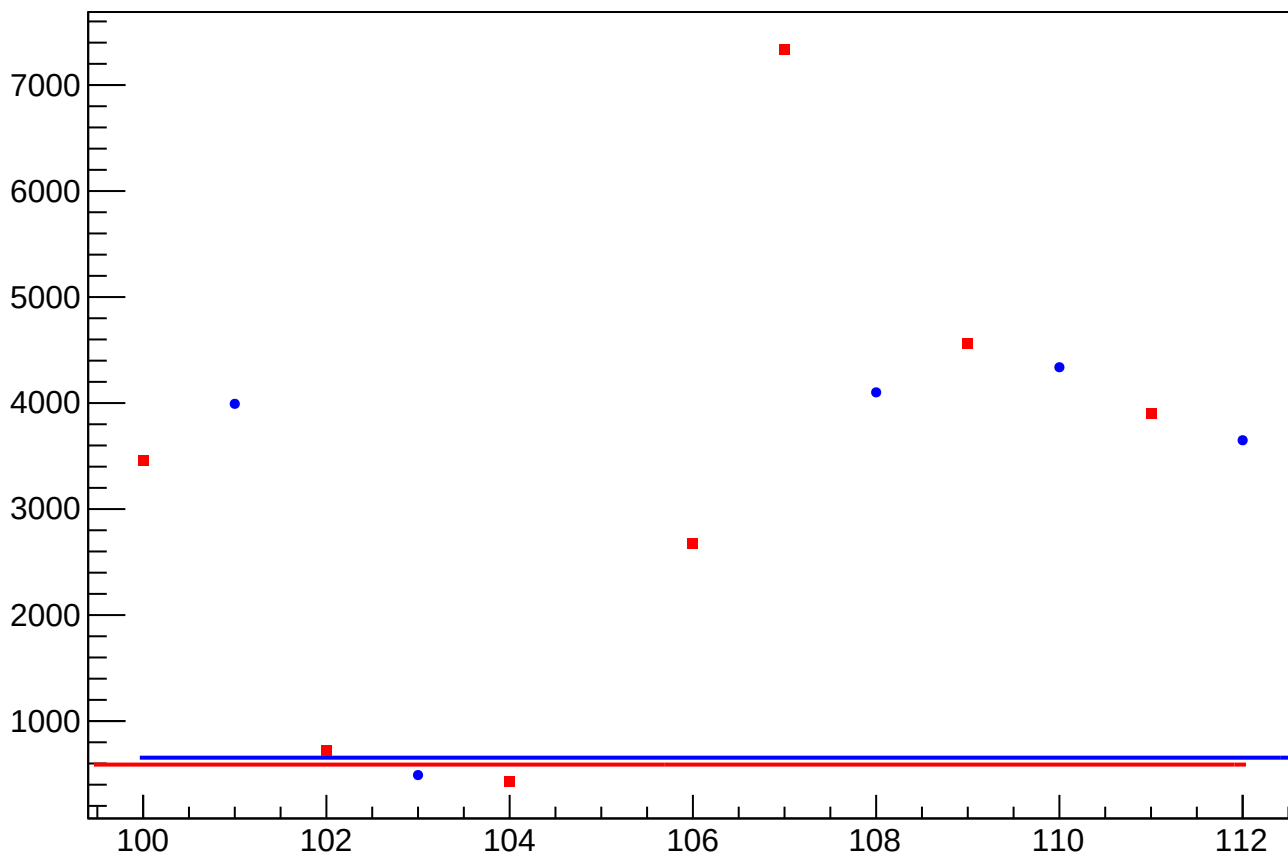
Right: 403.575+/-413.185 χ^2/NDF : 9.6/11

In: 74.781+/-622.318 χ^2/NDF : 4.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 403.575+/-413.185 χ^2/NDF : 9.6/11

asym_atl_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 654.807+/-0.440 χ^2/NDF : 2817603.5/4

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

Right Out: 589.619+/-0.391 χ^2/NDF : 2438055.2/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

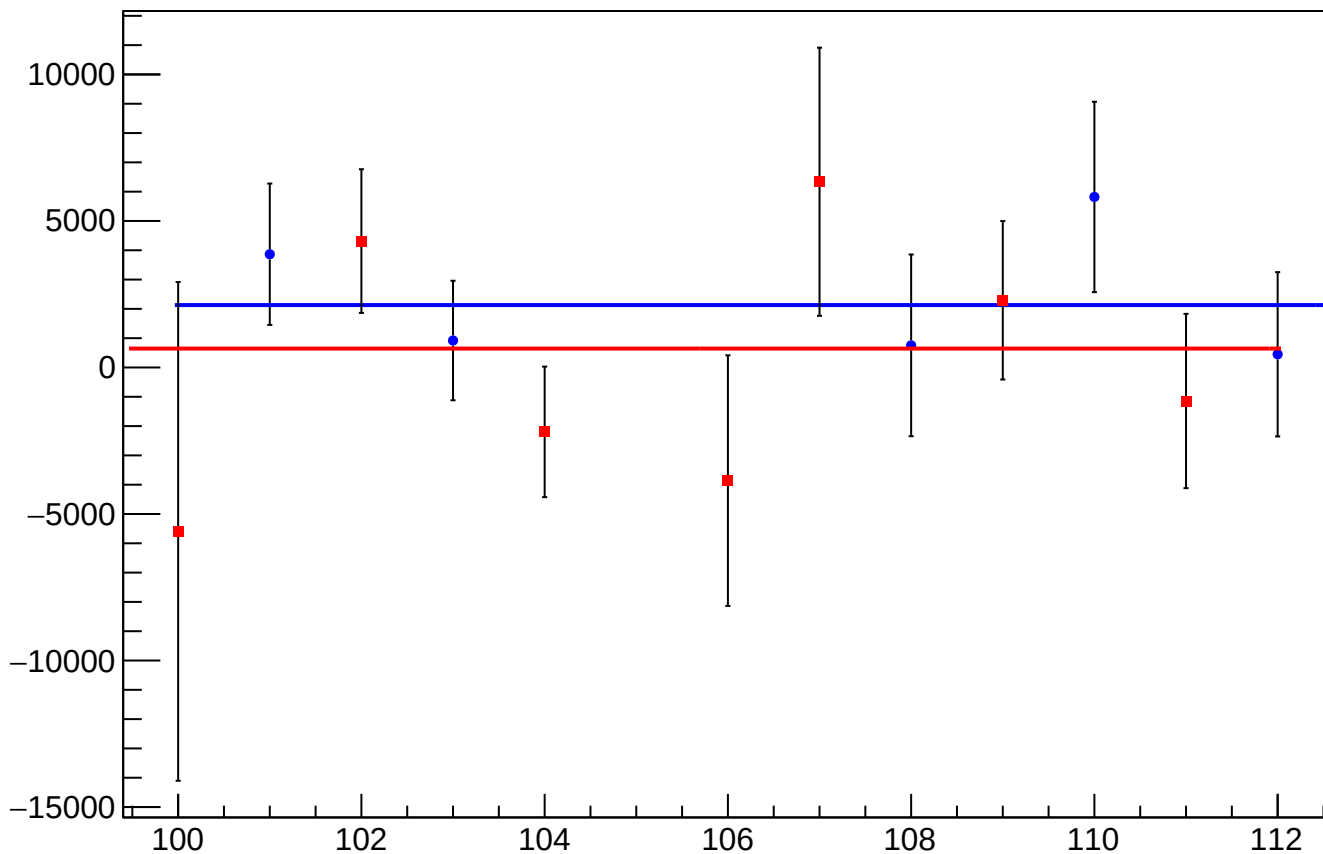
Right: 618.355+/-0.292 χ^2/NDF : 5267929.9/11

In: 654.807+/-0.440 χ^2/NDF : 2817603.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 618.355+/-0.292 χ^2/NDF : 5267929.9/11

eigen_cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2129.786+/-1163.829 χ^2/NDF : 2.7/4

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

Right Out: 646.037+/-1167.162 χ^2/NDF : 7.8/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

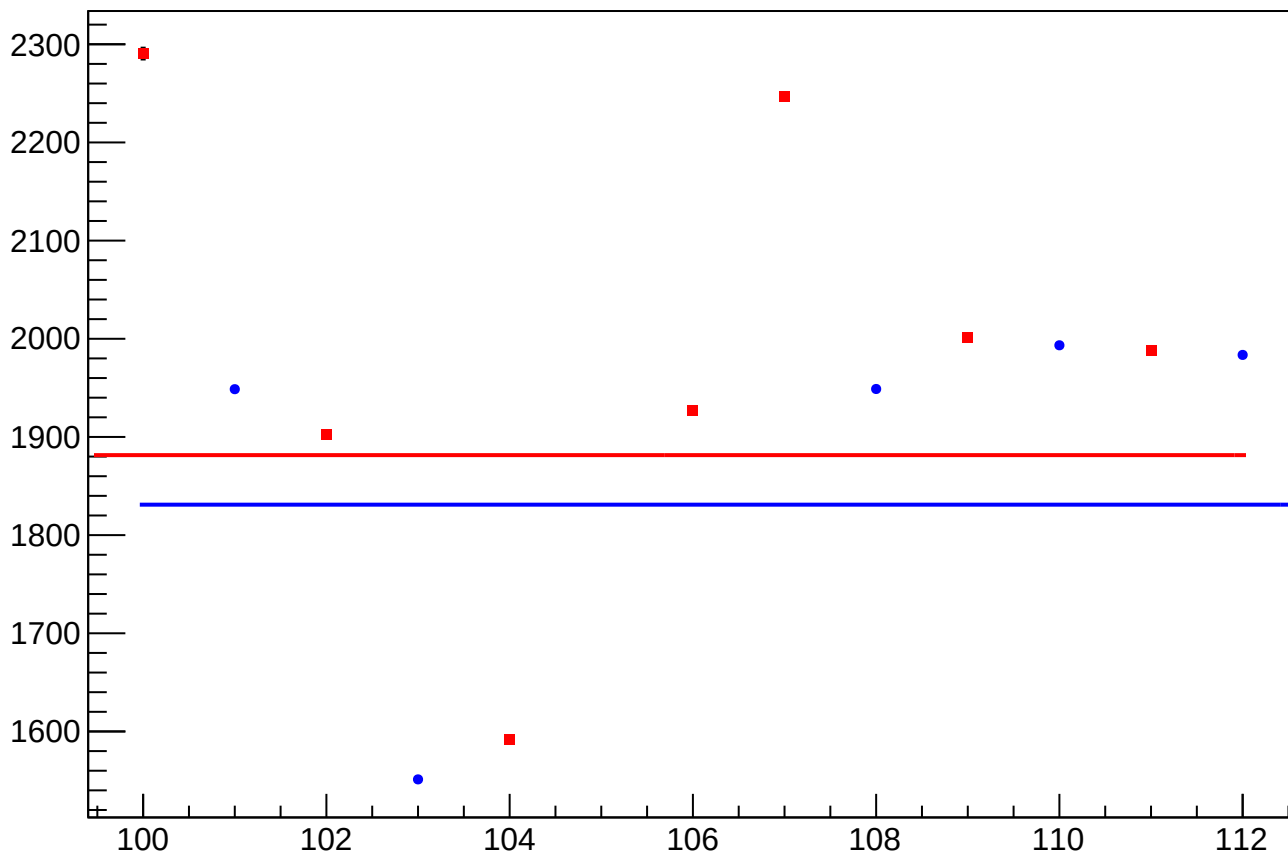
Right: 1390.033+/-824.127 χ^2/NDF : 11.3/11

In: 2129.786+/-1163.829 χ^2/NDF : 2.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1390.033+/-824.127 χ^2/NDF : 11.3/11

eigen_cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1831.018+/-0.823 χ^2/NDF : 56215.3/4

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

Right Out: 1881.486+/-0.814 χ^2/NDF : 58182.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

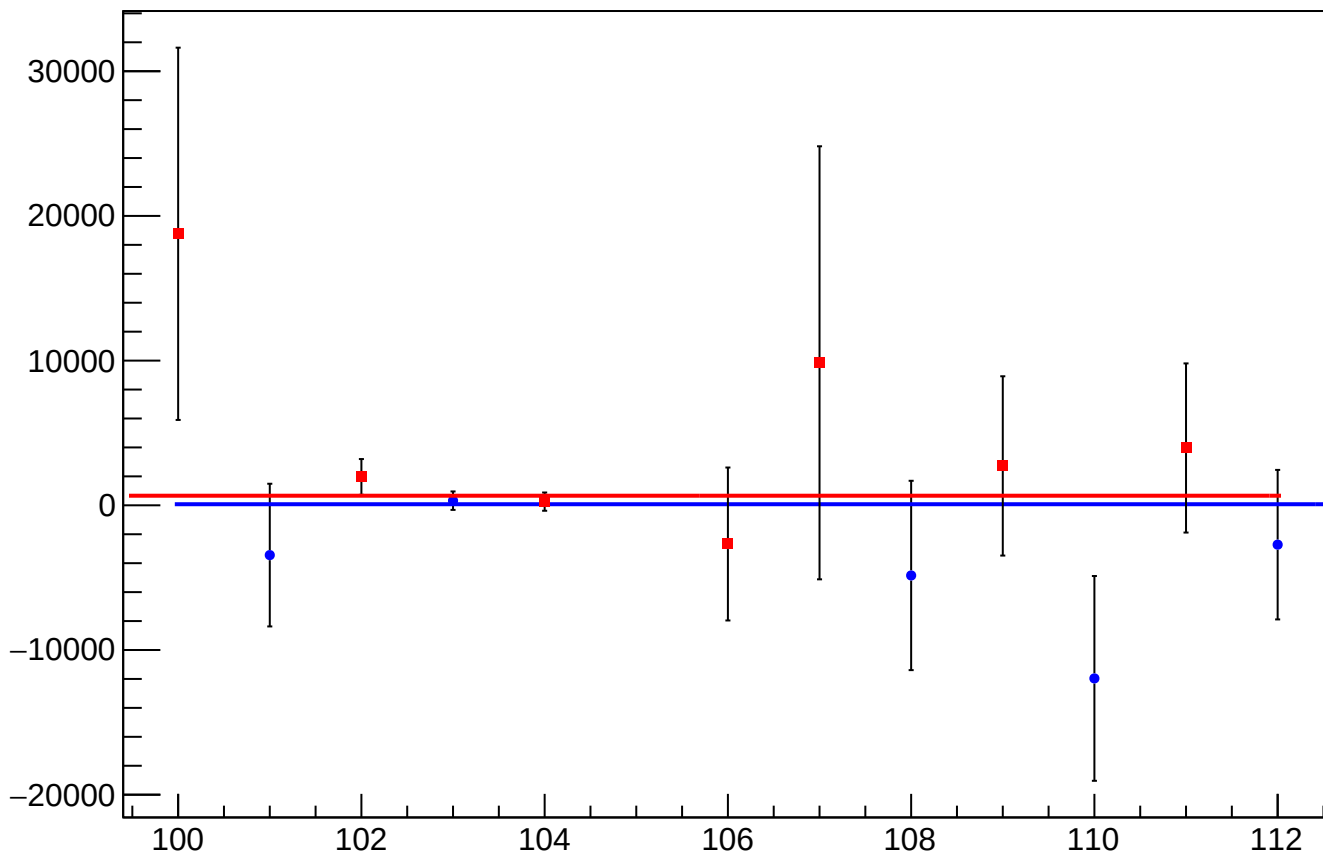
Right: 1856.531+/-0.579 χ^2/NDF : 116299.0/11

In: 1831.018+/-0.823 χ^2/NDF : 56215.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1856.531+/-0.579 χ^2/NDF : 116299.0/11

asym_atl_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 74.781+/-622.318 χ^2/NDF : 4.4/4

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

Right Out: 662.777+/-552.548 χ^2/NDF : 4.7/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

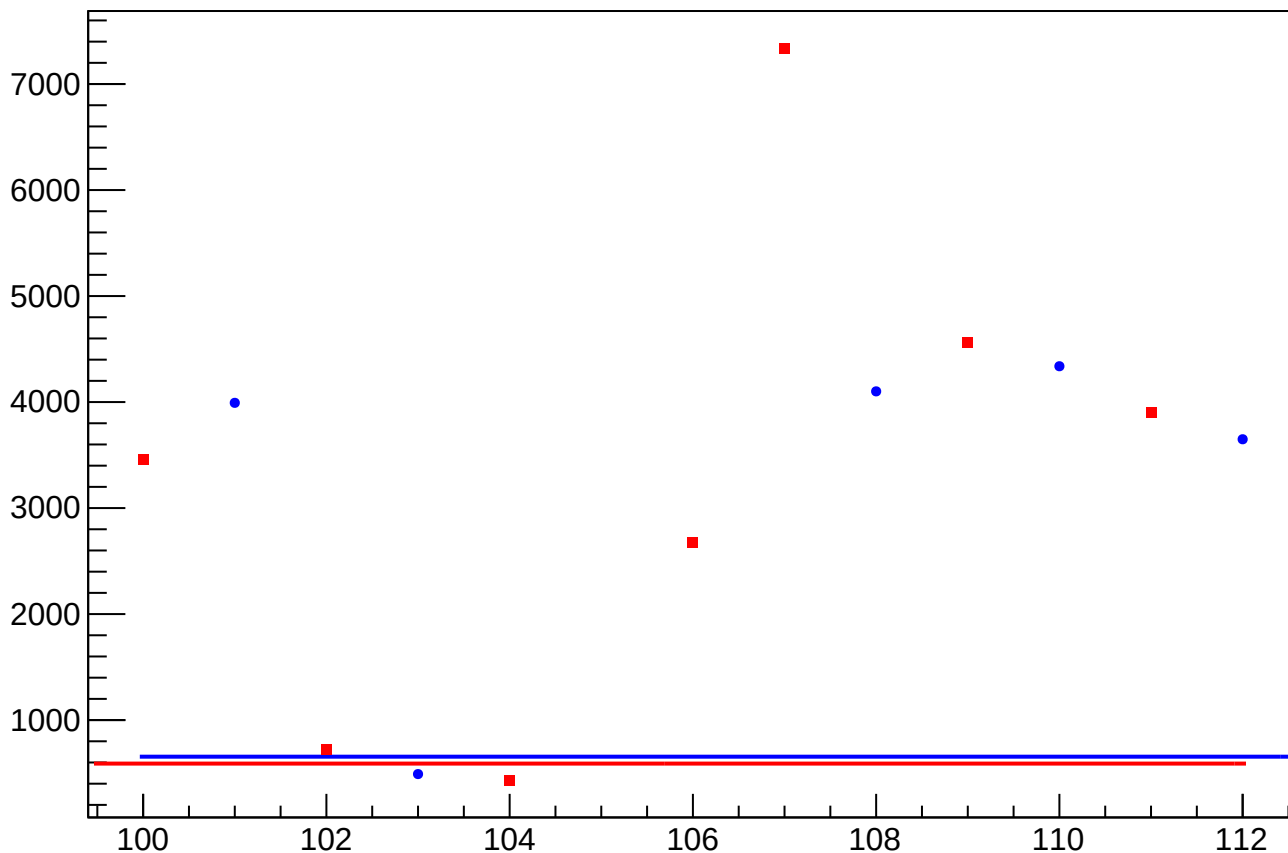
Right: 403.575+/-413.185 χ^2/NDF : 9.6/11

In: 74.781+/-622.318 χ^2/NDF : 4.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 403.575+/-413.185 χ^2/NDF : 9.6/11

asym_atl_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 654.807+/-0.440 χ^2/NDF : 2817603.5/4

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

Right Out: 589.619+/-0.391 χ^2/NDF : 2438055.2/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

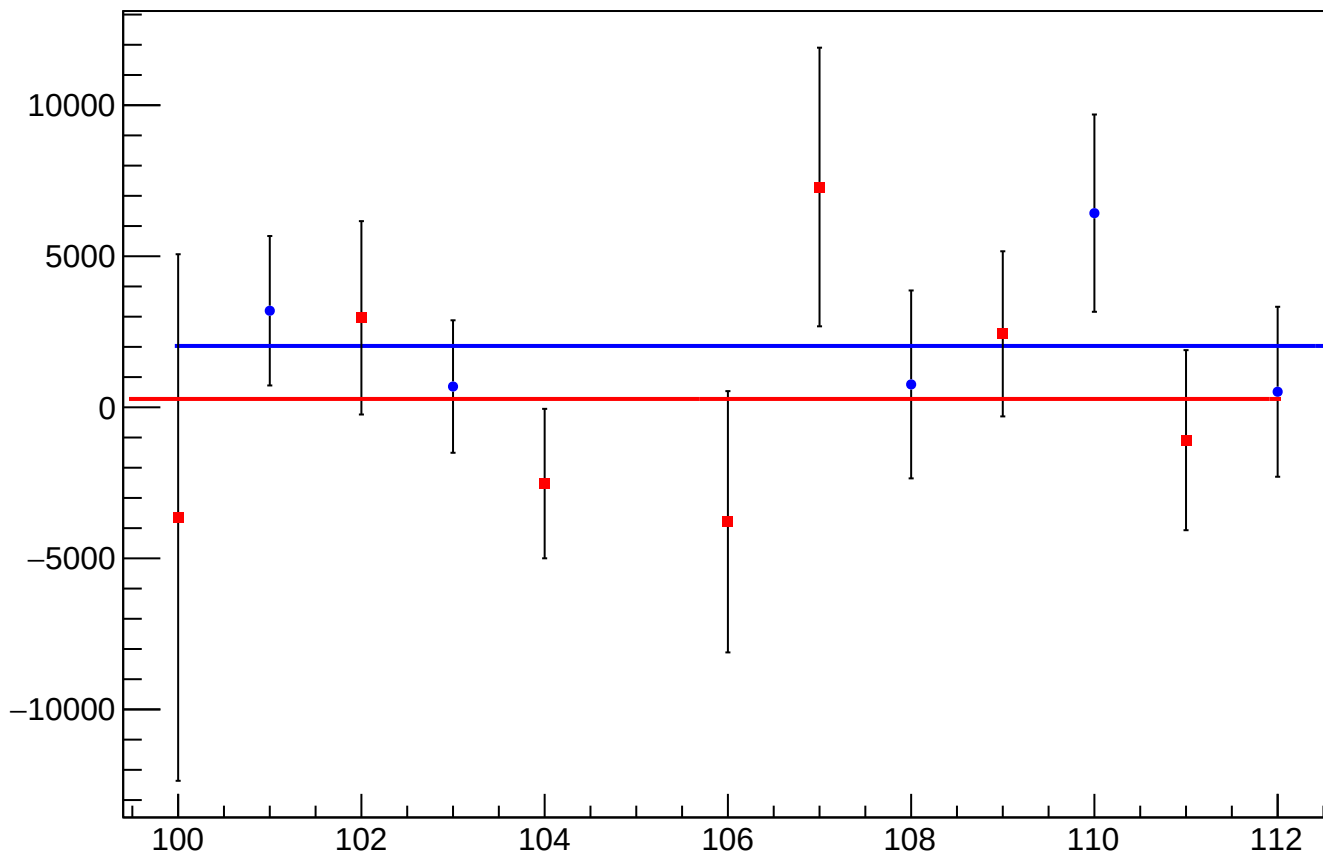
Right: 618.355+/-0.292 χ^2/NDF : 5267929.9/11

In: 654.807+/-0.440 χ^2/NDF : 2817603.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 618.355+/-0.292 χ^2/NDF : 5267929.9/11

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2031.138 $\pm$ 1199.529 χ^2 /NDF: 2.9/4

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

Right Out: 276.701 $\pm$ 1268.773 χ^2 /NDF: 6.2/6

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

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

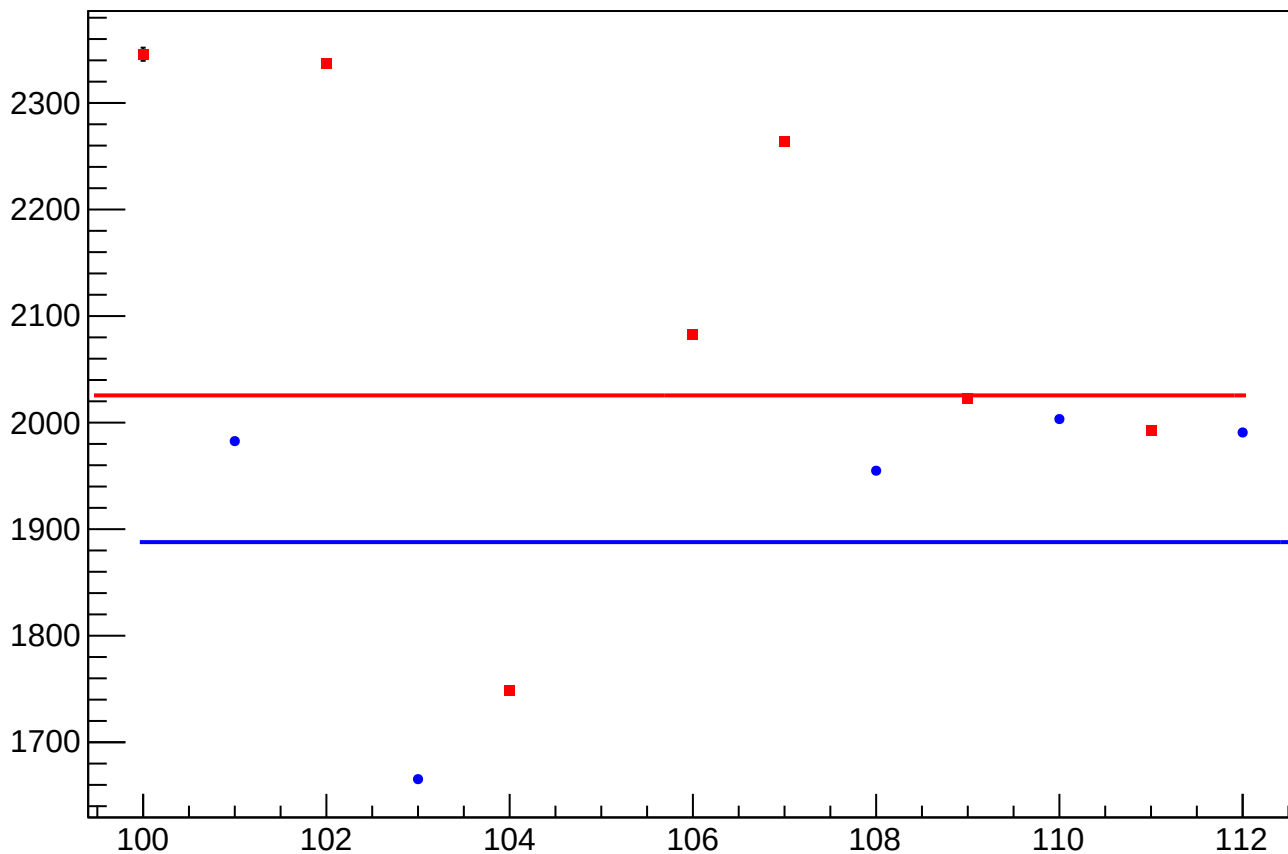
Right: 1203.098 $\pm$ 871.647 χ^2 /NDF: 10.1/11

In: 2031.138 $\pm$ 1199.529 χ^2 /NDF:2.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1203.098 $\pm$ 871.647 χ^2 /NDF: 10.1/11

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1887.835+/-0.848 χ^2/NDF : 29630.4/4

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

Right Out: 2025.549+/-0.890 χ^2/NDF : 52715.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

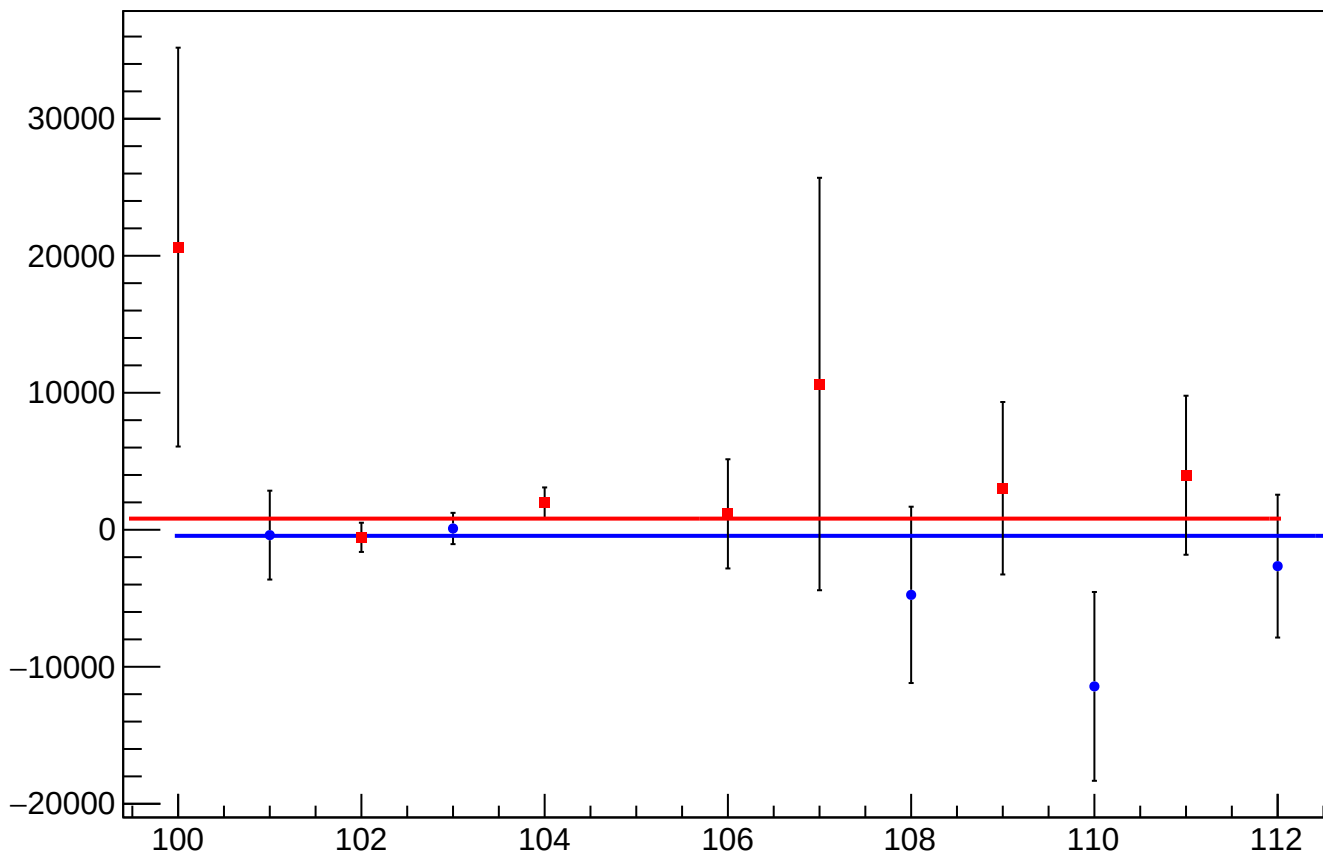
Right: 1953.404+/-0.614 χ^2/NDF : 94896.9/11

In: 1887.835+/-0.848 χ^2/NDF : 29630.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1953.404+/-0.614 χ^2/NDF : 94896.9/11

asym_atl_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -442.424+/-1028.775 χ^2/NDF : 3.4/4

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

Right Out: 814.668+/-747.571 χ^2/NDF : 5.4/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

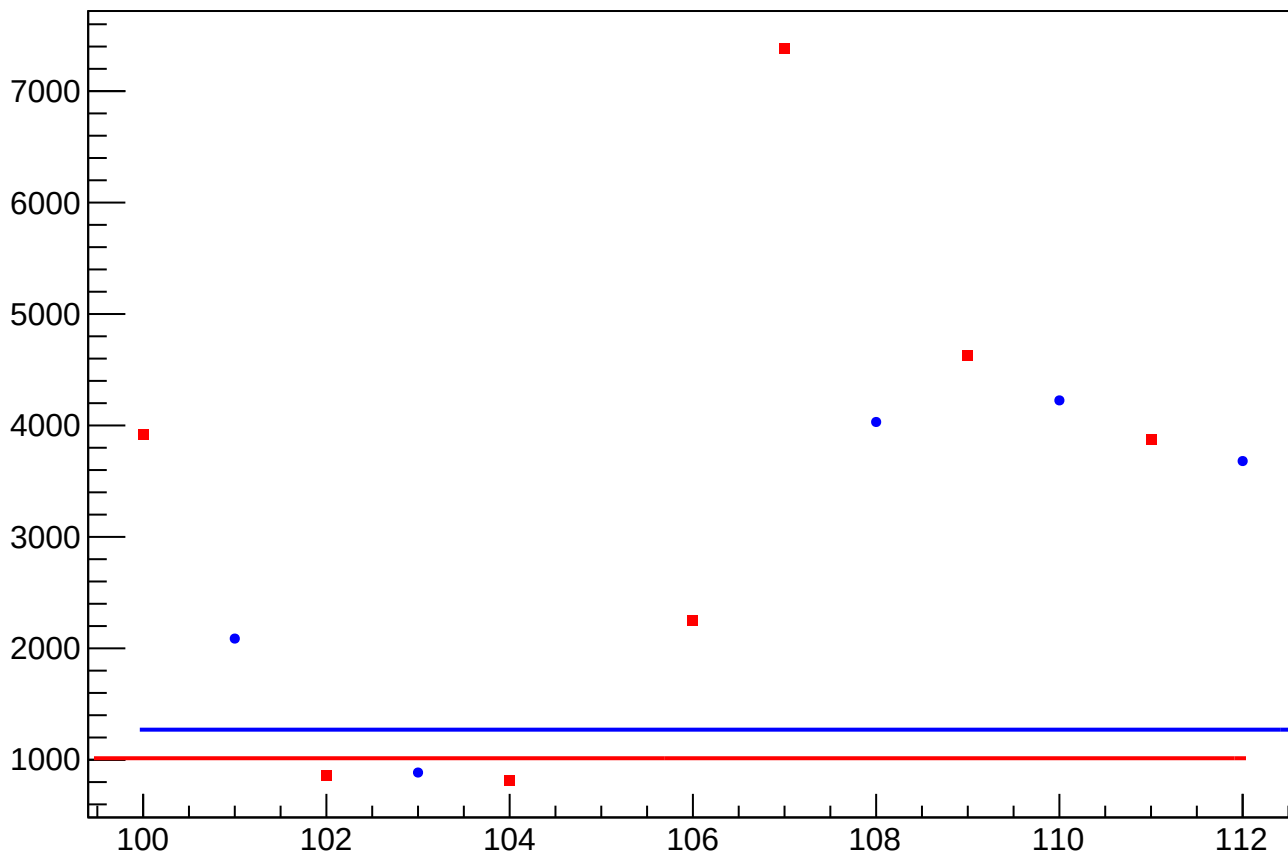
Right: 380.261+/-604.764 χ^2/NDF : 9.7/11

In: -442.424+/-1028.775 χ^2/NDF : 3.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 380.261+/-604.764 χ^2/NDF : 9.7/11

asym_atl_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1270.325+/-0.727 χ^2/NDF : 1517773.5/4

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

Right Out: 1013.981+/-0.529 χ^2/NDF : 1883316.9/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

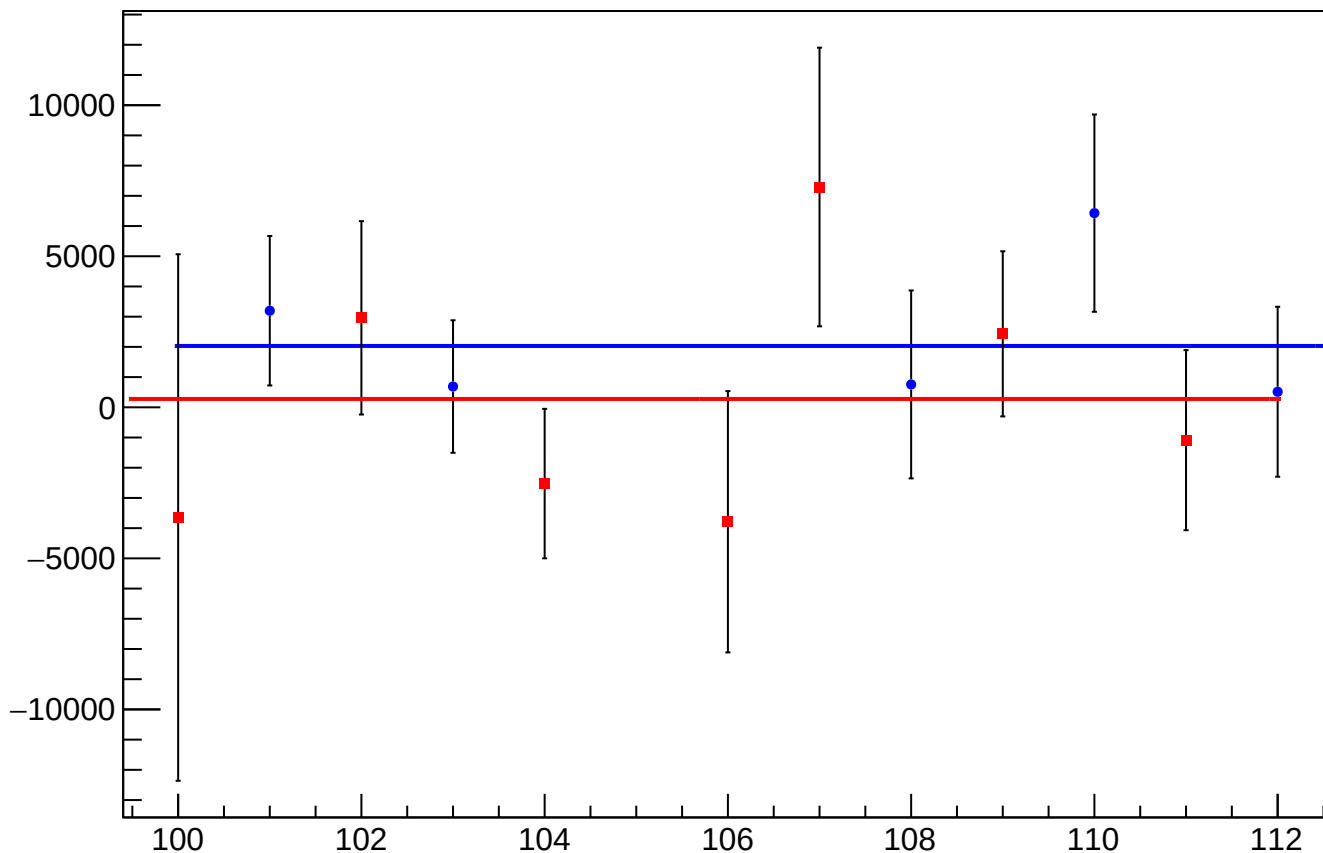
Right: 1102.565+/-0.428 χ^2/NDF : 3482354.9/11

In: 1270.325+/-0.727 χ^2/NDF : 1517773.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1102.565+/-0.428 χ^2/NDF : 3482354.9/11

eigen_dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2031.141+/-1199.528 χ^2/NDF : 2.9/4

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

Right Out: 276.693+/-1268.773 χ^2/NDF : 6.2/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

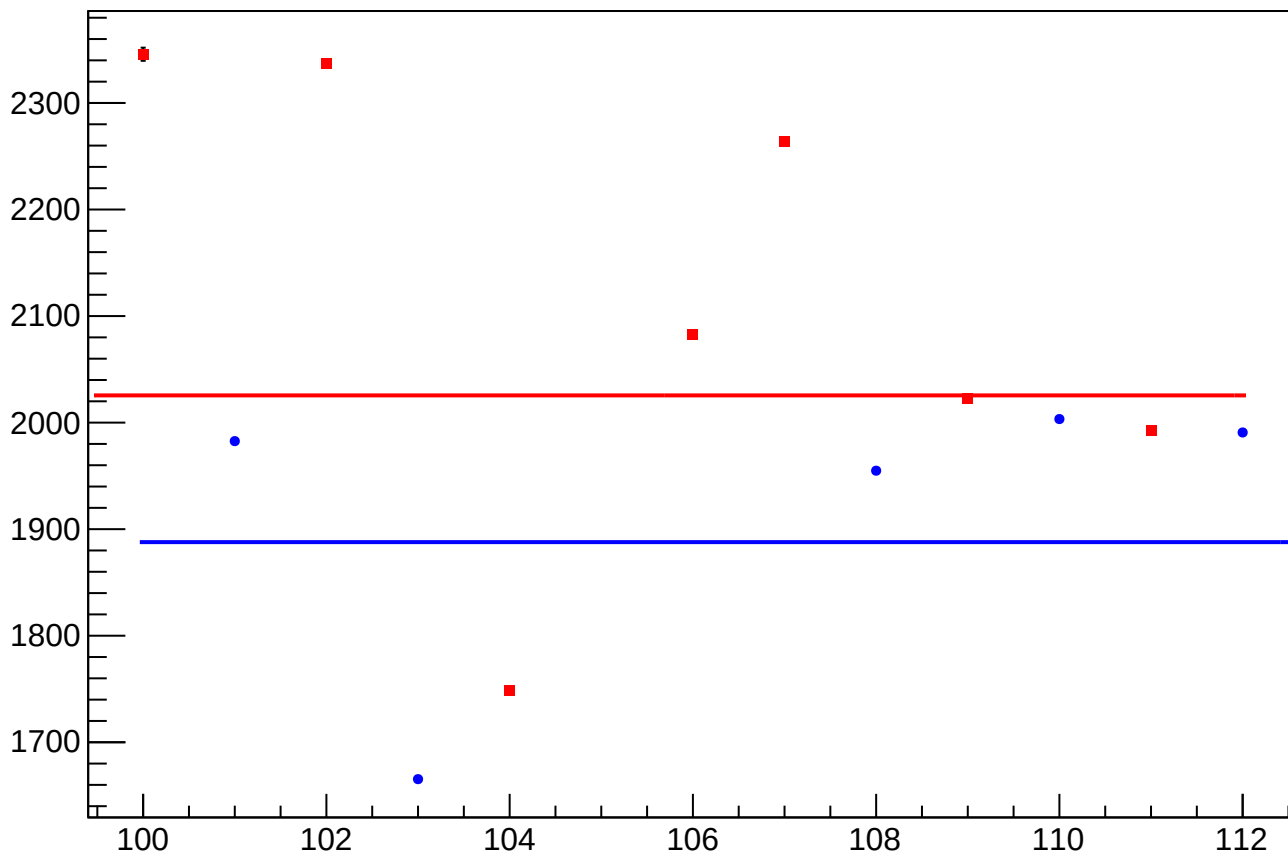
Right: 1203.097+/-871.646 χ^2/NDF : 10.1/11

In: 2031.141+/-1199.528 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1203.097+/-871.646 χ^2/NDF : 10.1/11

eigen_dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1887.834+/-0.848 χ^2/NDF : 29630.9/4

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

Right Out: 2025.548+/-0.890 χ^2/NDF : 52715.3/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

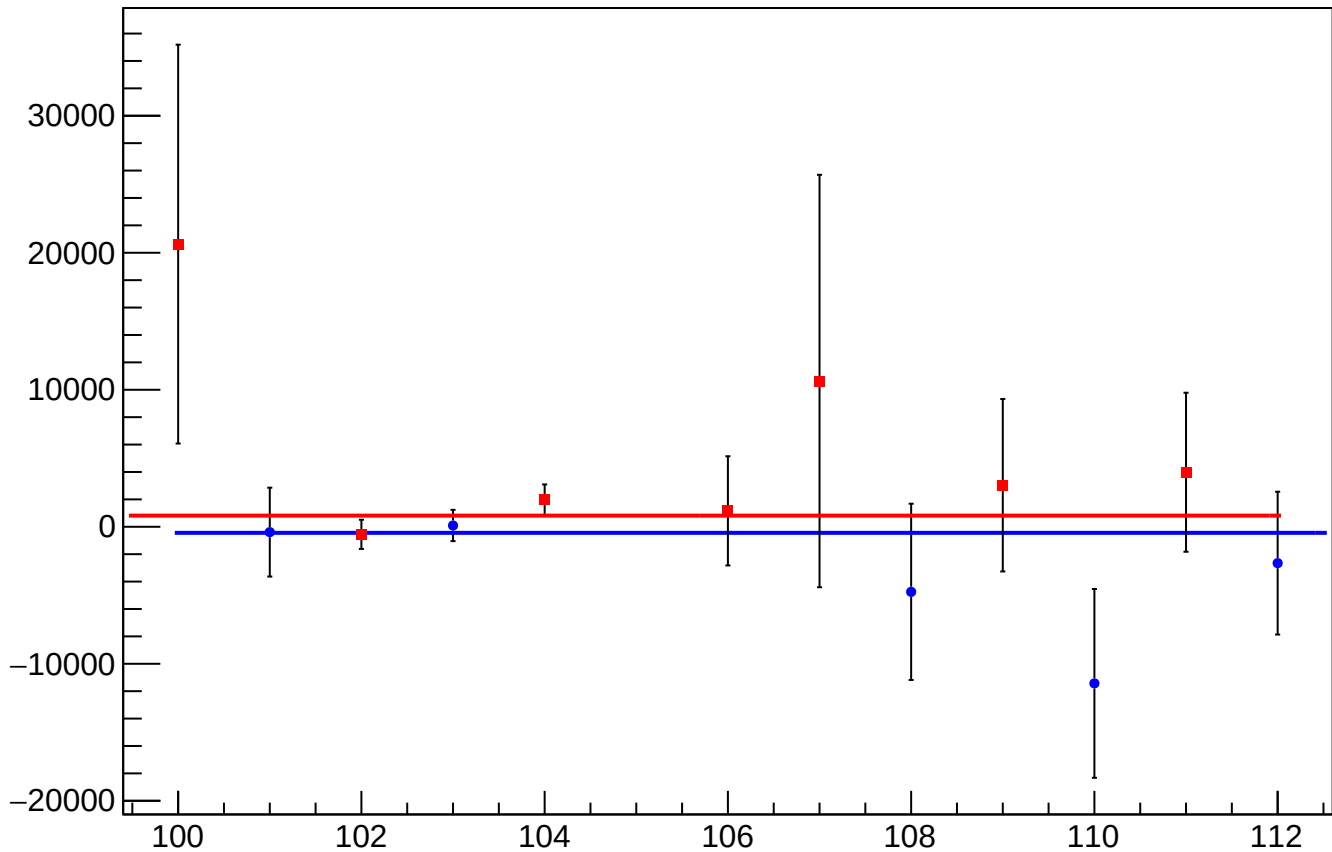
Right: 1953.403+/-0.614 χ^2/NDF : 94897.6/11

In: 1887.834+/-0.848 χ^2/NDF : 29630.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1953.403+/-0.614 χ^2/NDF : 94897.6/11

asym_atl_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -442.416+/-1028.767 χ^2/NDF : 3.4/4

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

Right Out: 814.662+/-747.565 χ^2/NDF : 5.4/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

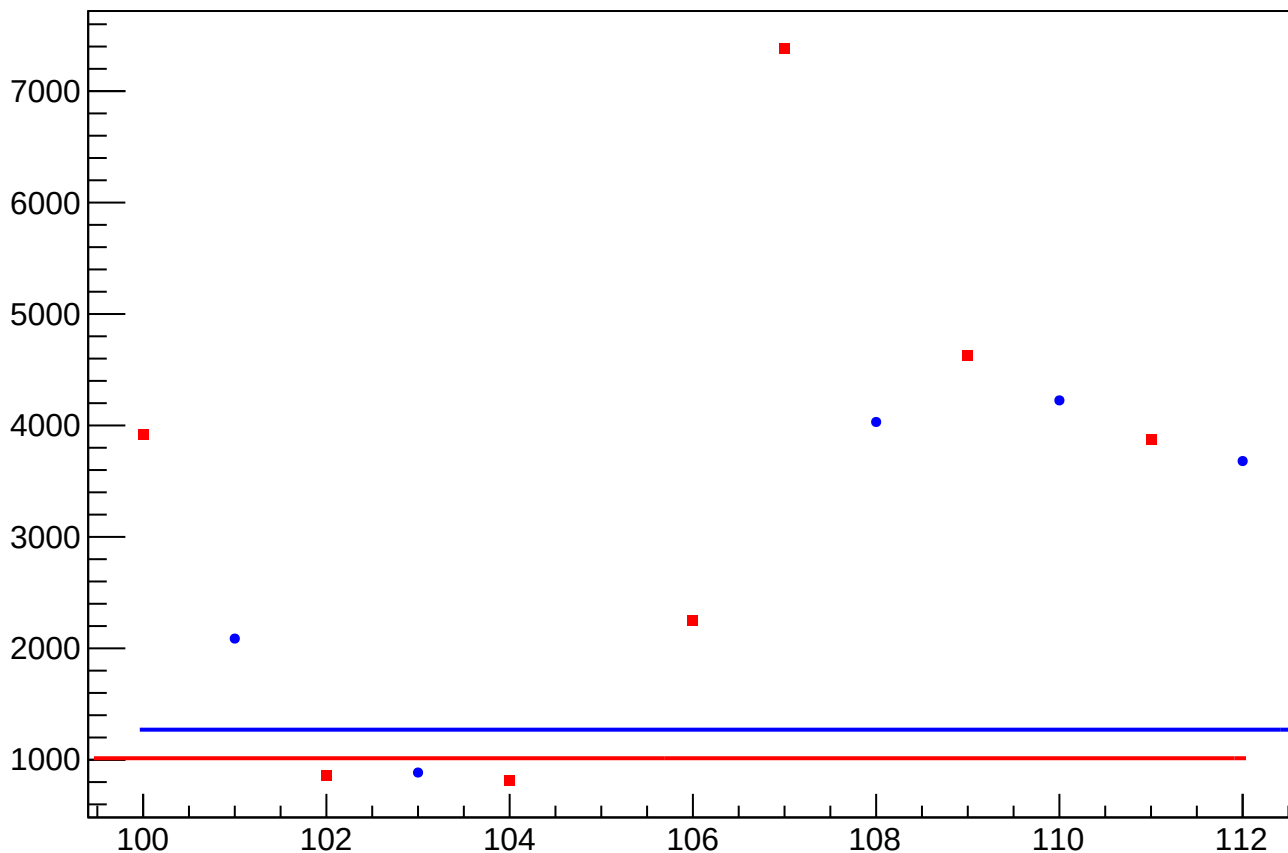
Right: 380.259+/-604.759 χ^2/NDF : 9.7/11

In: -442.416+/-1028.767 χ^2/NDF :3.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 380.259+/-604.759 χ^2/NDF : 9.7/11

asym_atl_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1270.313+/-0.727 χ^2/NDF : 1517779.8/4

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

Right Out: 1013.972+/-0.529 χ^2/NDF : 1883323.7/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

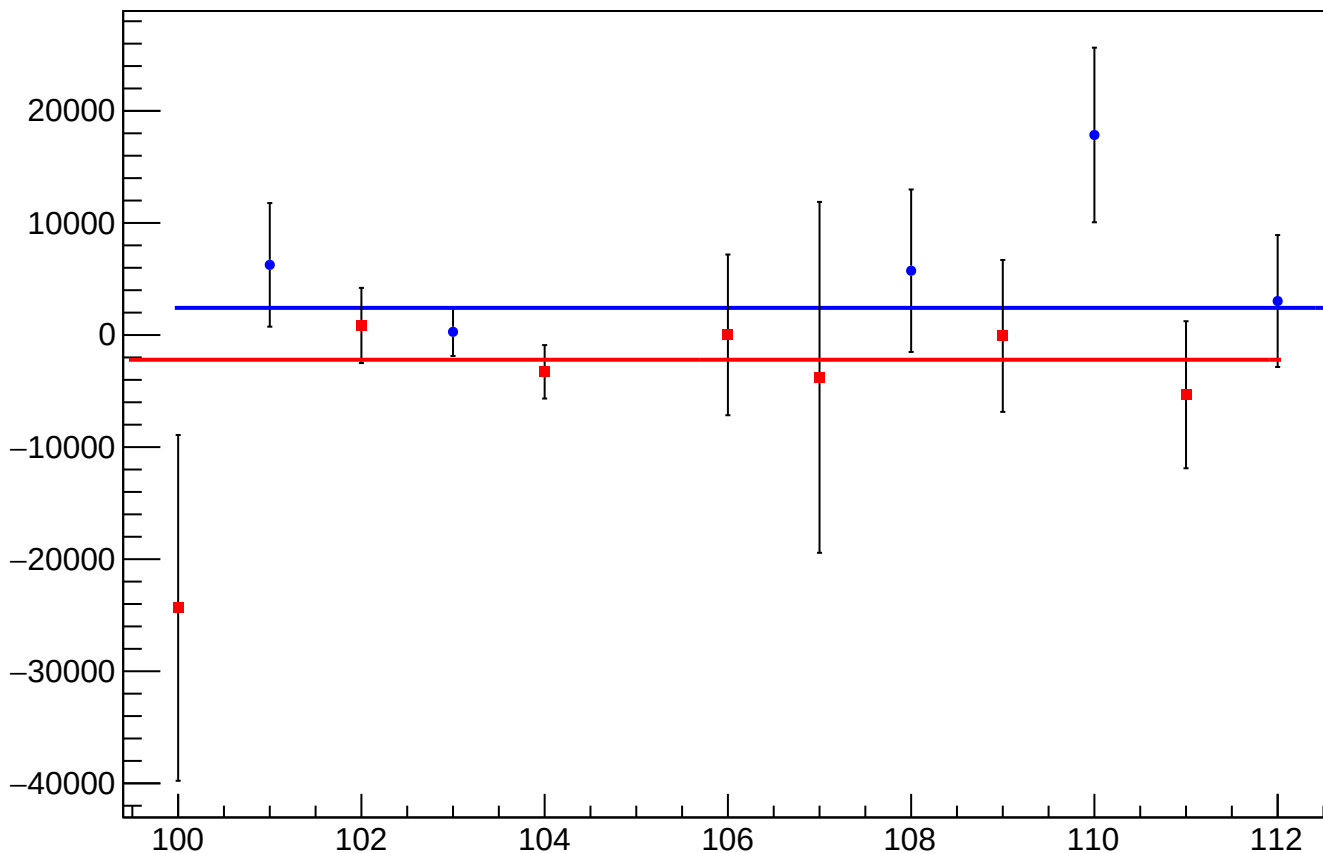
Right: 1102.554+/-0.428 χ^2/NDF : 3482367.5/11

In: 1270.313+/-0.727 χ^2/NDF : 1517779.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1102.554+/-0.428 χ^2/NDF : 3482367.5/11

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2422.727+/-1787.512 χ^2/NDF : 5.6/4

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

Right Out: -2205.265+/-1721.133 χ^2/NDF : 3.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

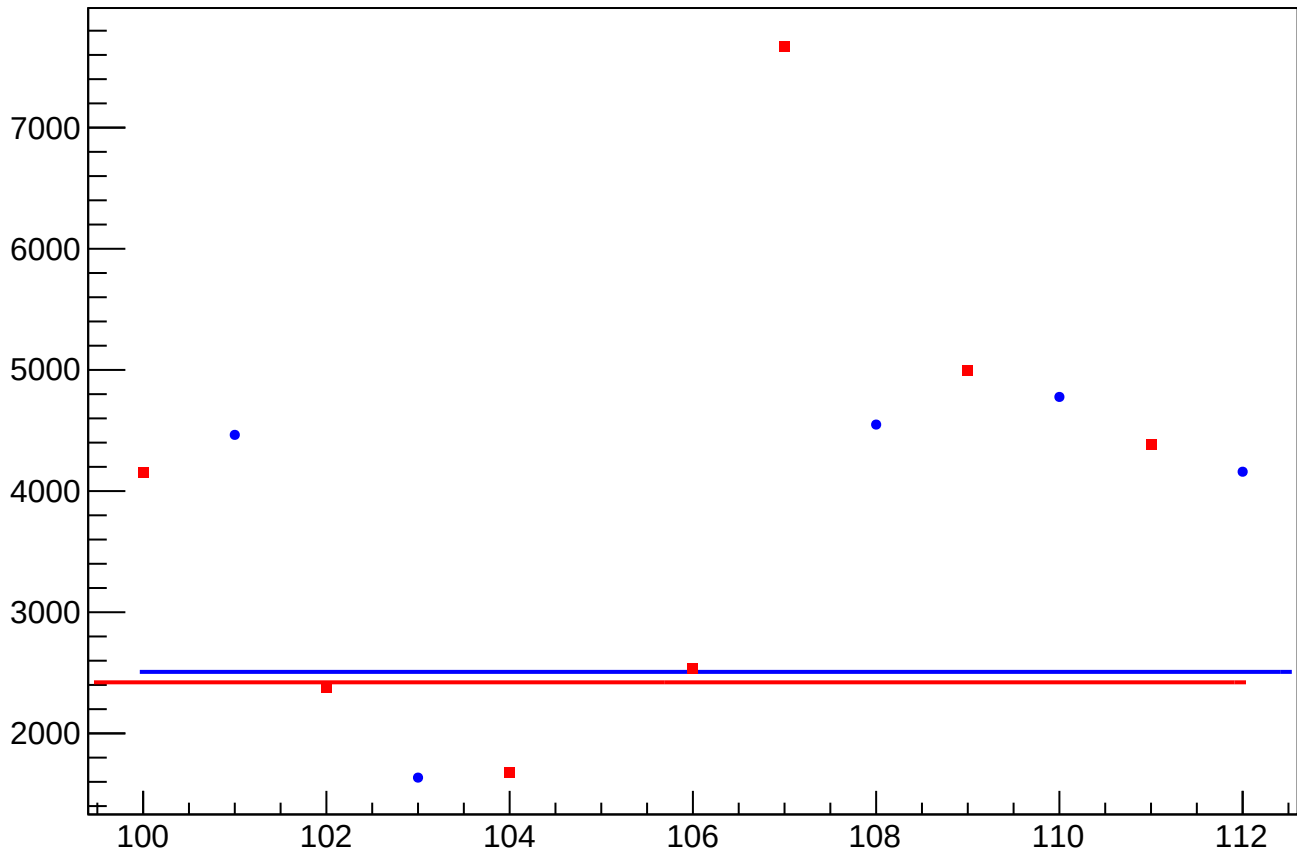
Right: 21.207+/-1239.828 χ^2/NDF : 12.6/11

In: 2422.727+/-1787.512 χ^2/NDF : 5.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.207+/-1239.828 χ^2/NDF : 12.6/11

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 2507.717+/-1.264 χ^2/NDF : 1066186.8/4

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

Right Out: 2421.524+/-1.181 χ^2/NDF : 916282.9/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

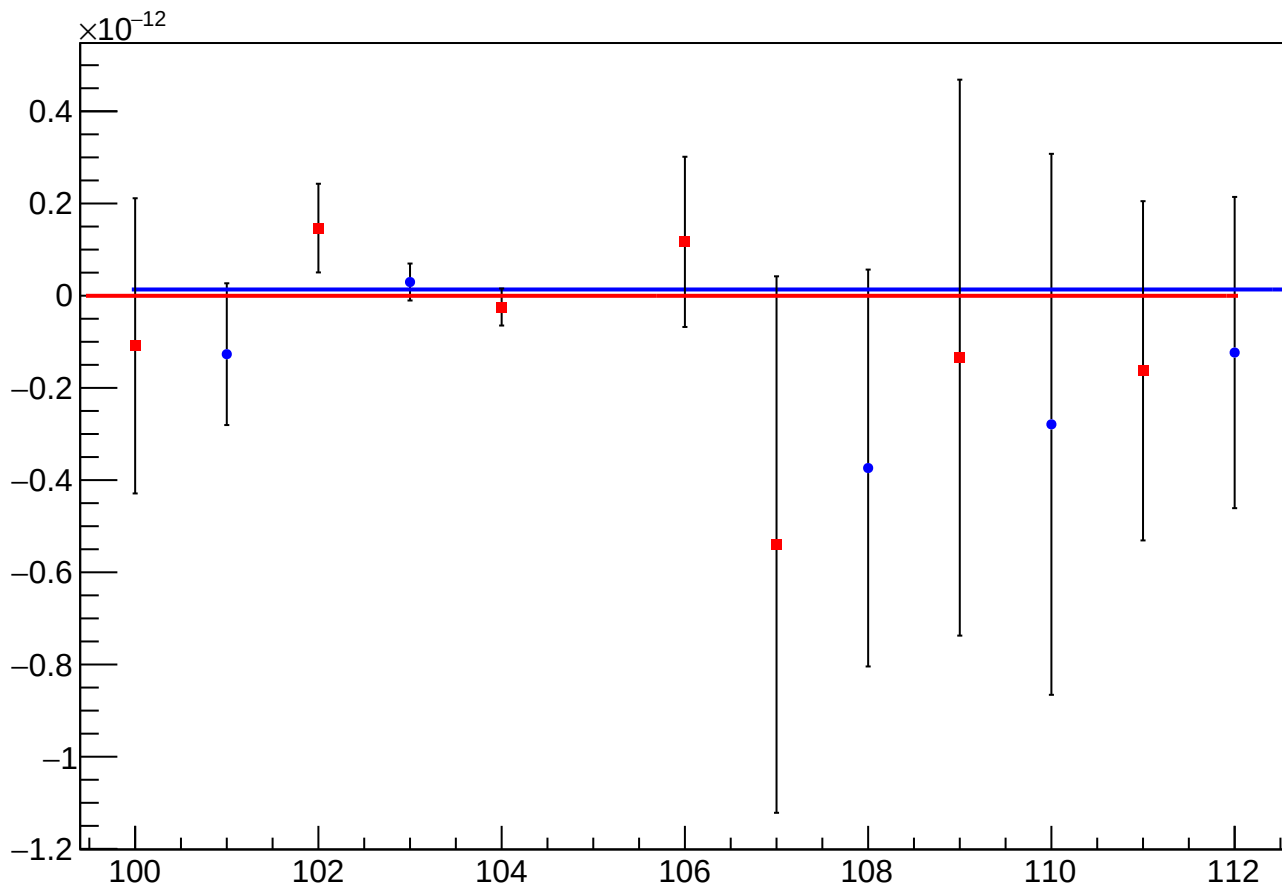
Right: 2461.712+/-0.863 χ^2/NDF : 1984951.8/11

In: 2507.717+/-1.264 χ^2/NDF : 1066186.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2461.712+/-0.863 χ^2/NDF : 1984951.8/11

asym_atl_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.2/4

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

Right Out: -0.000+/-0.000 χ^2/NDF : 4.3/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

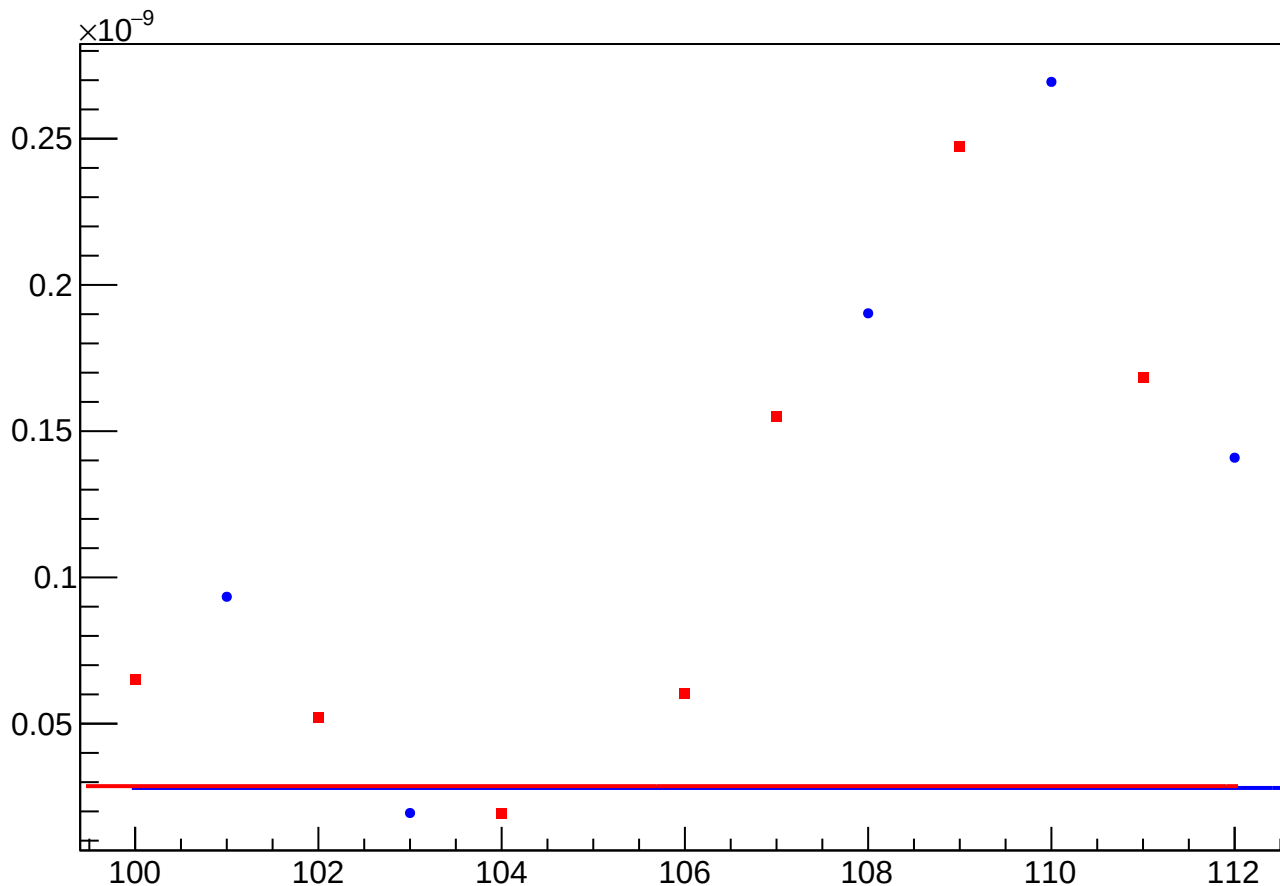
Right: 0.000+/-0.000 χ^2/NDF : 6.6/11

In: 0.000+/-0.000 χ^2/NDF : 2.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.6/11

asym_atl_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1299382.4/4

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

Right Out: 0.000+/-0.000 χ^2/NDF : 961978.3/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

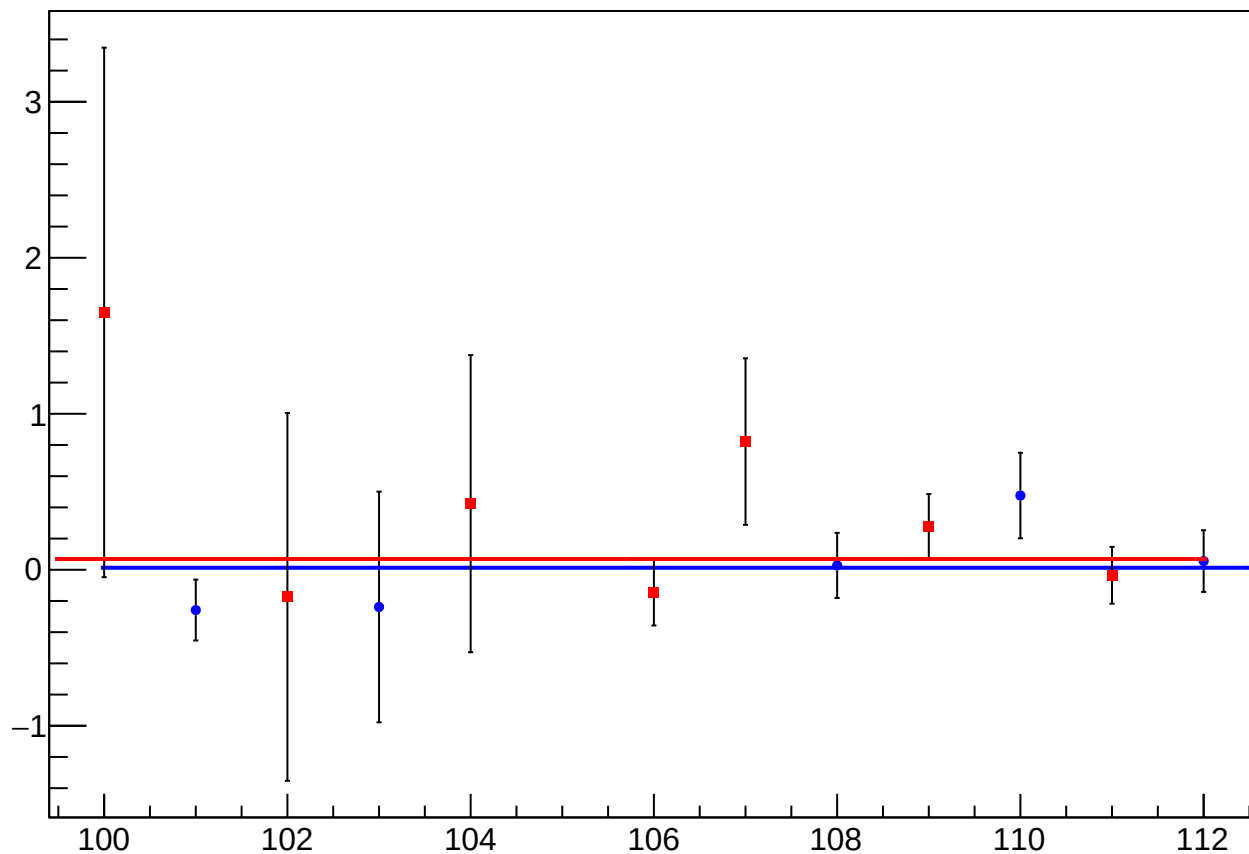
Right: 0.000+/-0.000 χ^2/NDF : 2261637.5/11

In: 0.000+/-0.000 χ^2/NDF : 1299382.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2261637.5/11

asym_atl_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.105 χ^2 /NDF: 5.0/4

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

Right Out: 0.069 $\pm$ 0.111 χ^2 /NDF: 5.4/6

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

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

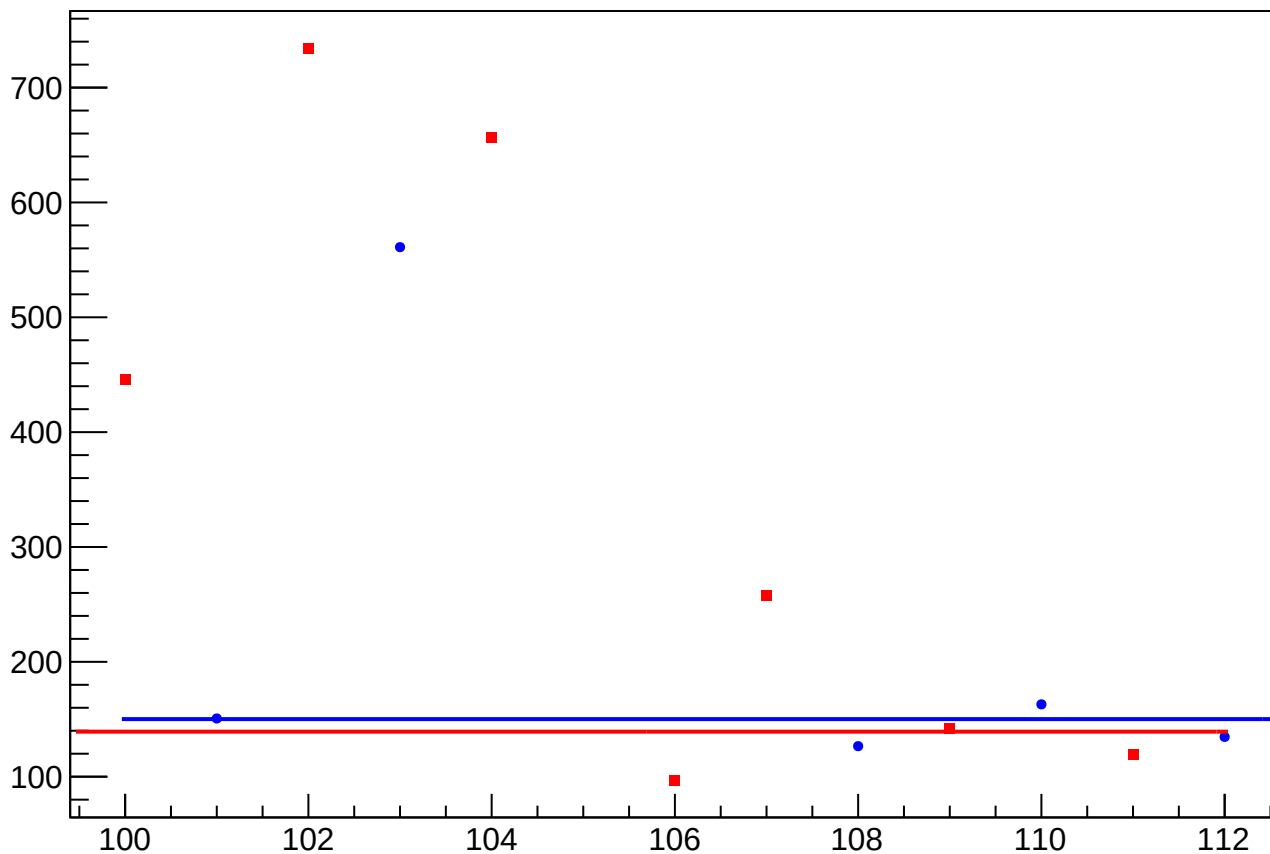
Right: 0.040 $\pm$ 0.076 χ^2 /NDF: 10.5/11

In: 0.013 $\pm$ 0.105 χ^2 /NDF:5.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.040 $\pm$ 0.076 χ^2 /NDF: 10.5/11

asym_atl_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 150.141+/-0.075 χ^2/NDF : 660210.8/4

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

Right Out: 139.214+/-0.079 χ^2/NDF : 1370154.7/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

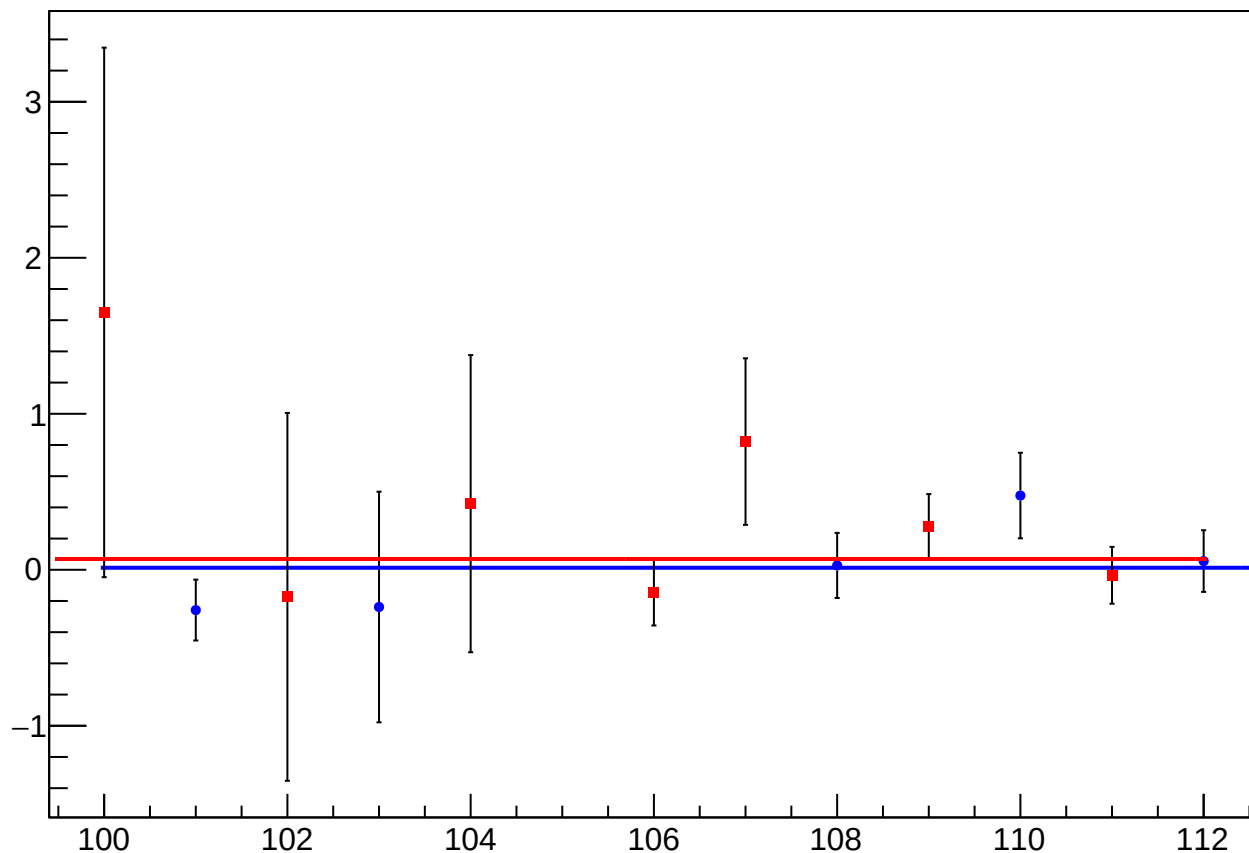
Right: 144.963+/-0.054 χ^2/NDF : 2040541.4/11

In: 150.141+/-0.075 χ^2/NDF :660210.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 144.963+/-0.054 χ^2/NDF : 2040541.4/11

asym_atl_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.105 χ^2/NDF : 5.0/4

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

Right Out: 0.069+/-0.111 χ^2/NDF : 5.4/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

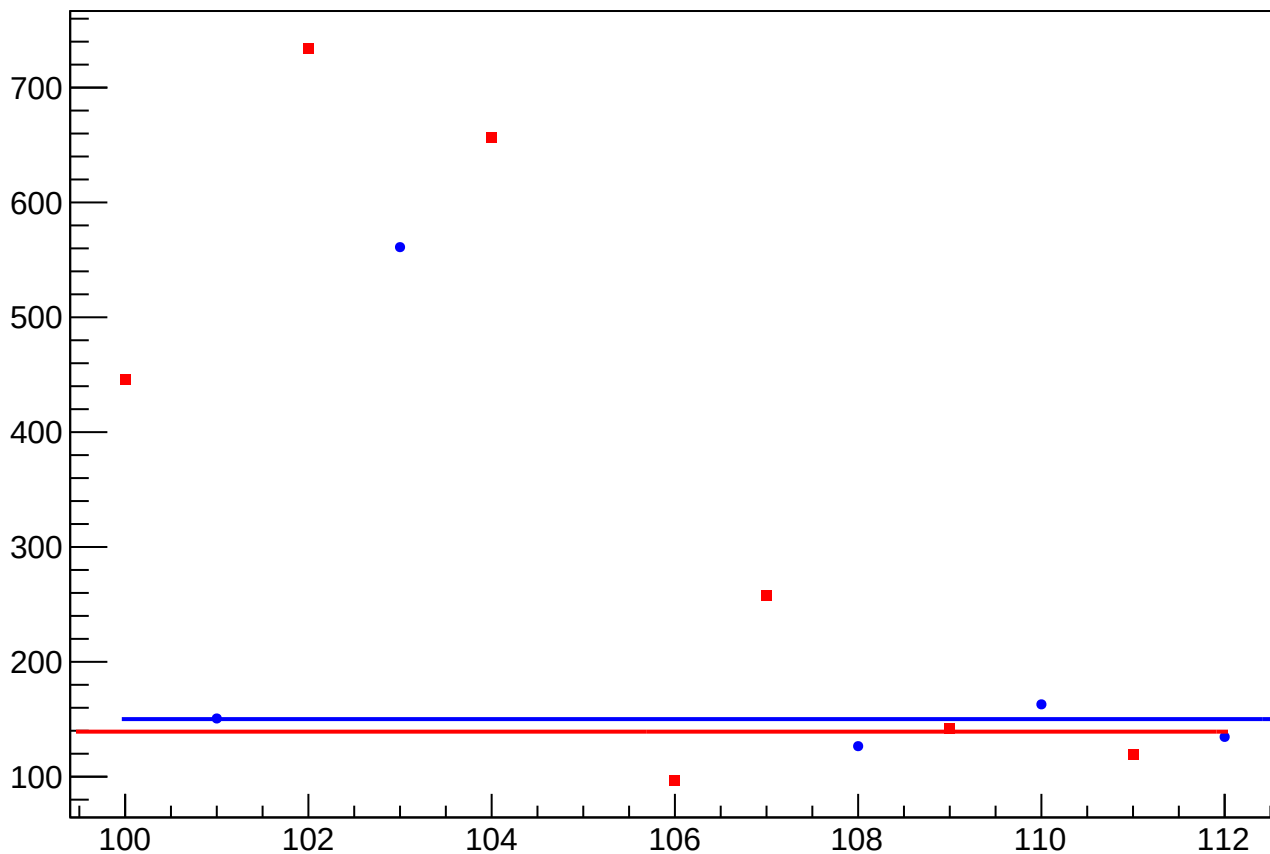
Right: 0.040+/-0.076 χ^2/NDF : 10.5/11

In: 0.013+/-0.105 χ^2/NDF : 5.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.040+/-0.076 χ^2/NDF : 10.5/11

asym_atl_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 150.141+/-0.075 χ^2/NDF : 660210.8/4

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

Right Out: 139.214+/-0.079 χ^2/NDF : 1370154.7/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

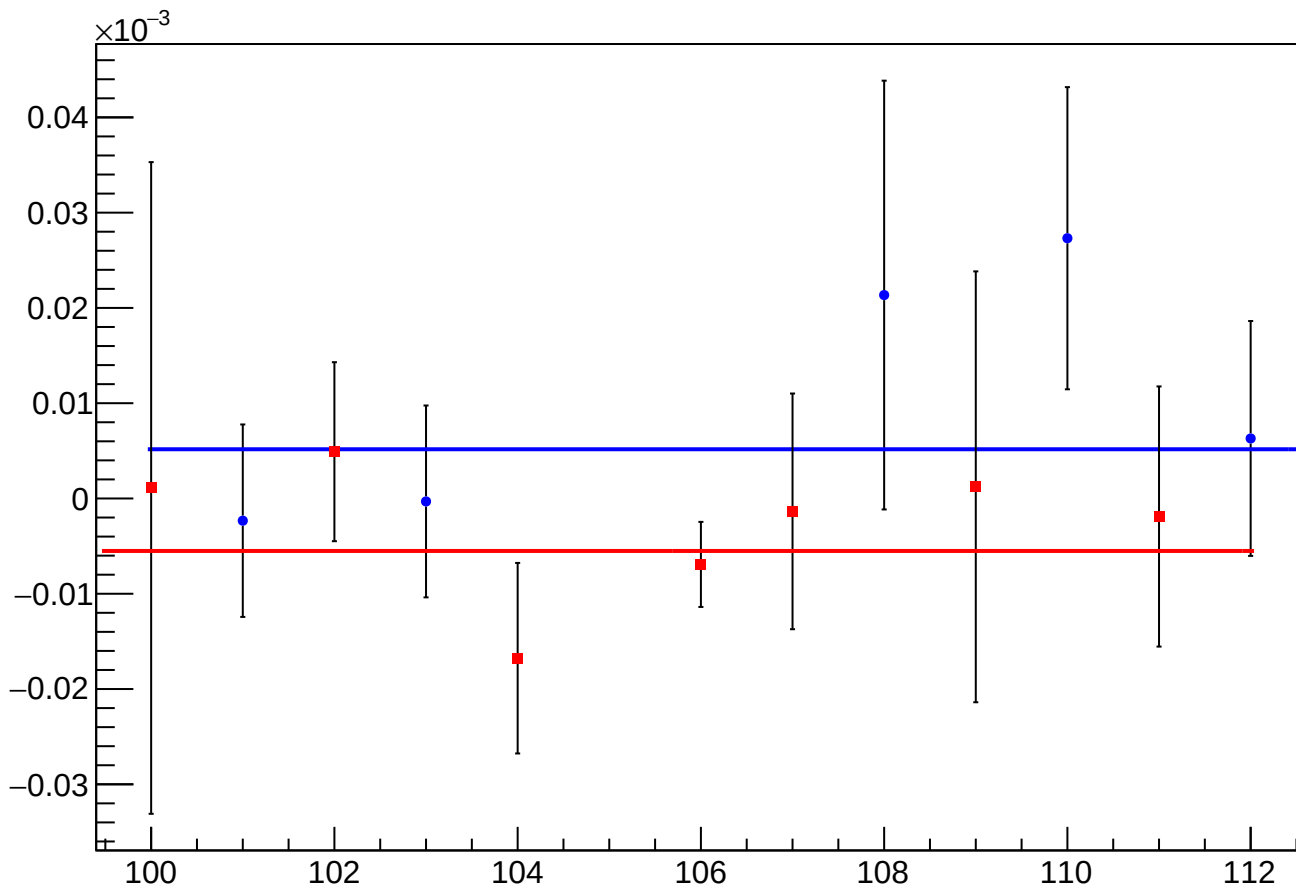
Right: 144.963+/-0.054 χ^2/NDF : 2040541.4/11

In: 150.141+/-0.075 χ^2/NDF :660210.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 144.963+/-0.054 χ^2/NDF : 2040541.4/11

asym_atl_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.3/4

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

Right Out: -0.000+/-0.000 χ^2/NDF : 2.9/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

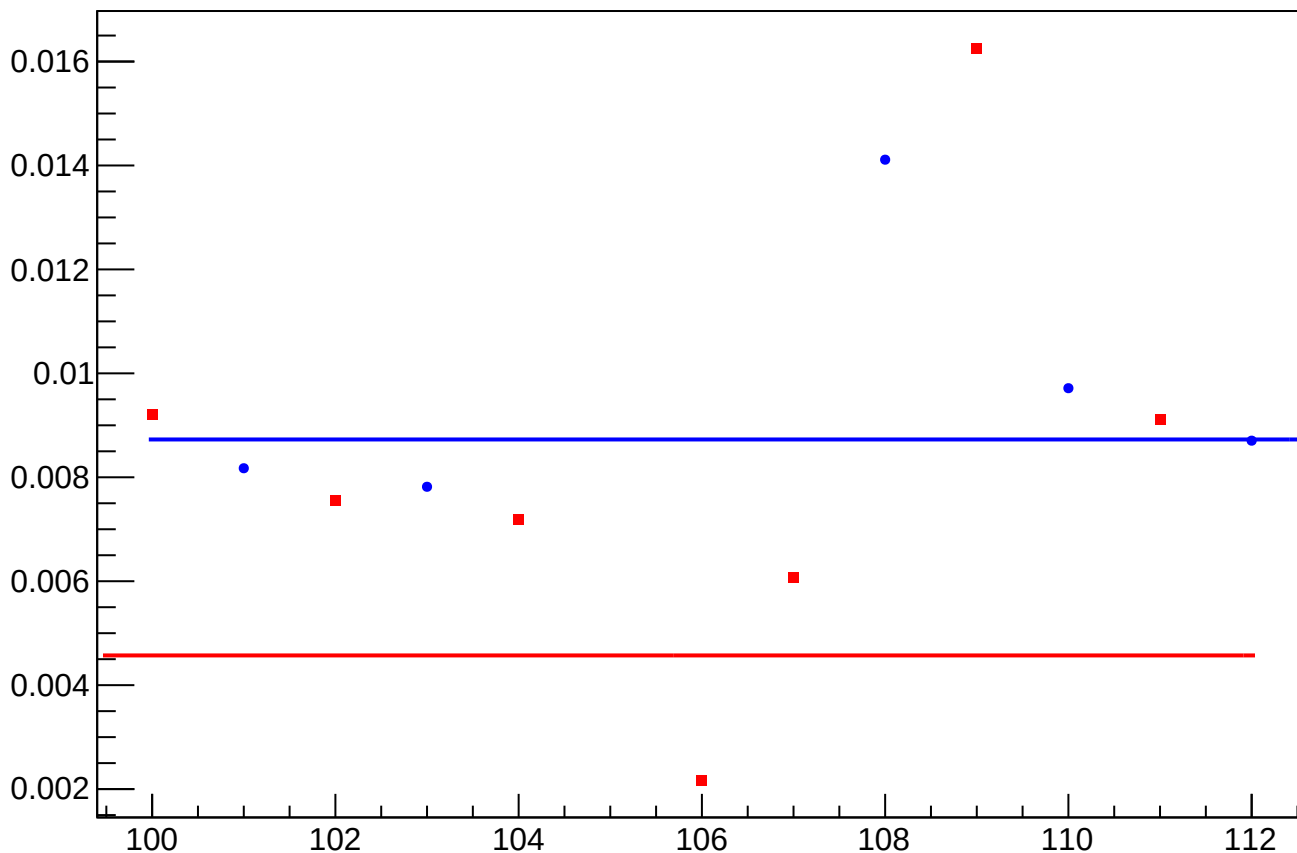
Right: -0.000+/-0.000 χ^2/NDF : 8.9/11

In: 0.000+/-0.000 χ^2/NDF : 3.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.9/11

asym_atl_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 144594.8/4

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

Right Out: 0.005+/-0.000 χ^2/NDF : 1742033.7/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

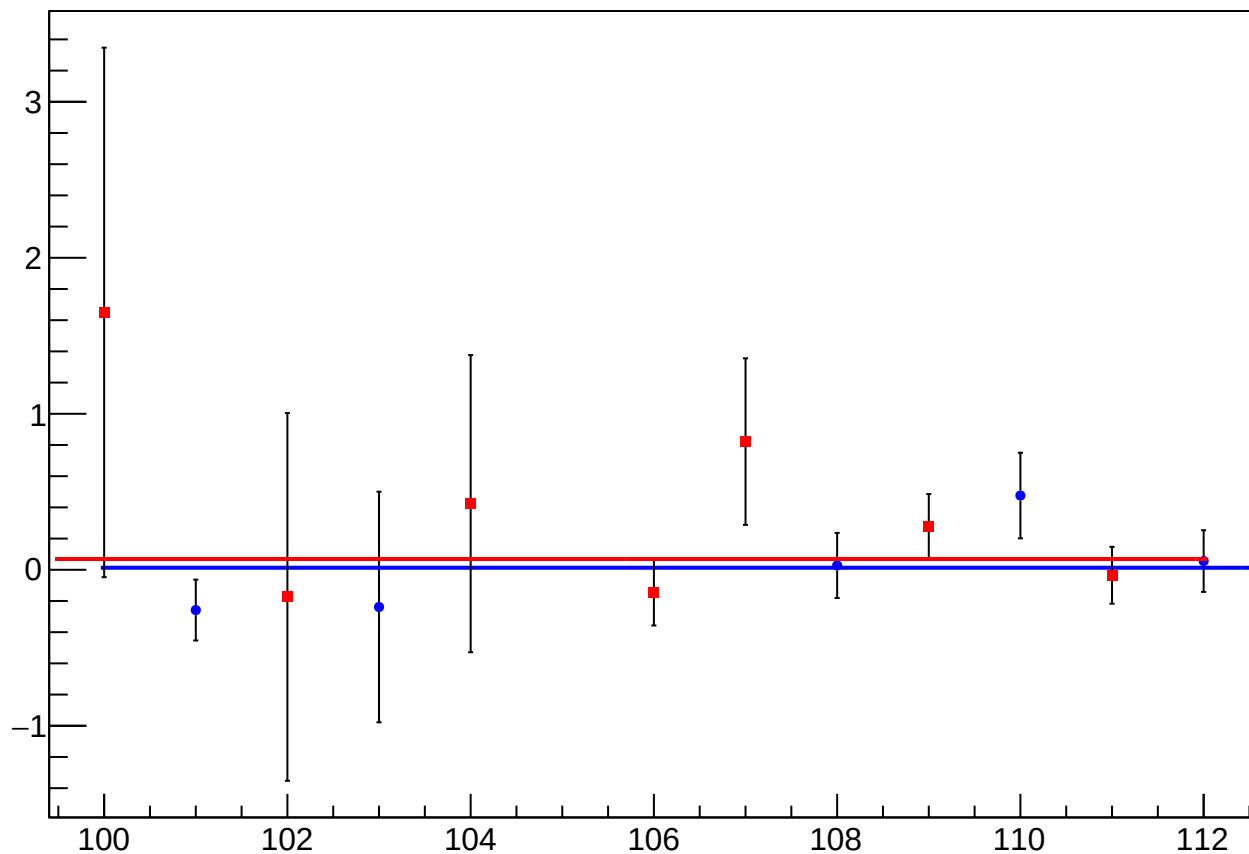
Right: 0.006+/-0.000 χ^2/NDF : 2696374.9/11

In: 0.009+/-0.000 χ^2/NDF : 144594.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 2696374.9/11

asym_atl_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.105 χ^2/NDF : 5.0/4

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

Right Out: 0.069+/-0.111 χ^2/NDF : 5.4/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

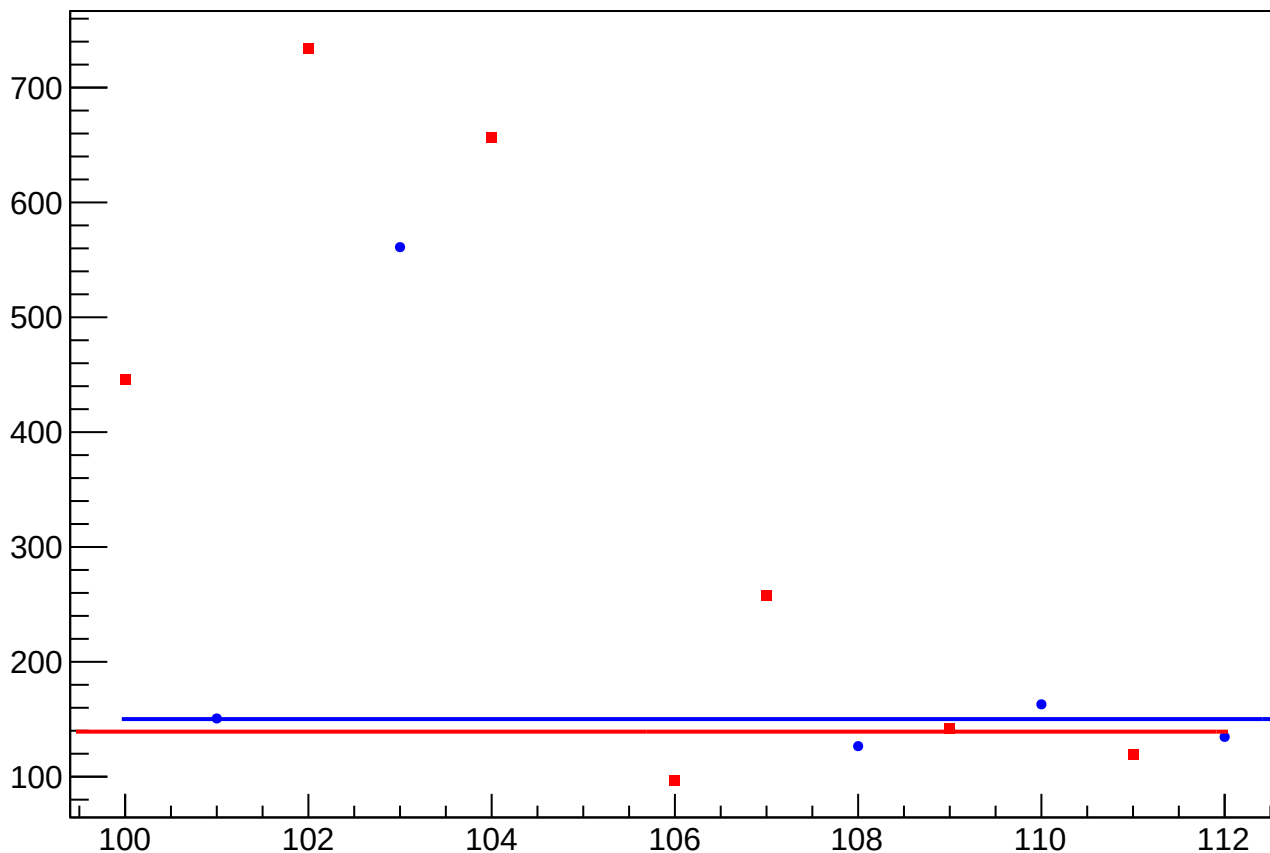
Right: 0.040+/-0.076 χ^2/NDF : 10.5/11

In: 0.013+/-0.105 χ^2/NDF : 5.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.040+/-0.076 χ^2/NDF : 10.5/11

asym_atl_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 150.143+/-0.075 χ^2/NDF : 660186.3/4

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

Right Out: 139.216+/-0.079 χ^2/NDF : 1370137.1/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

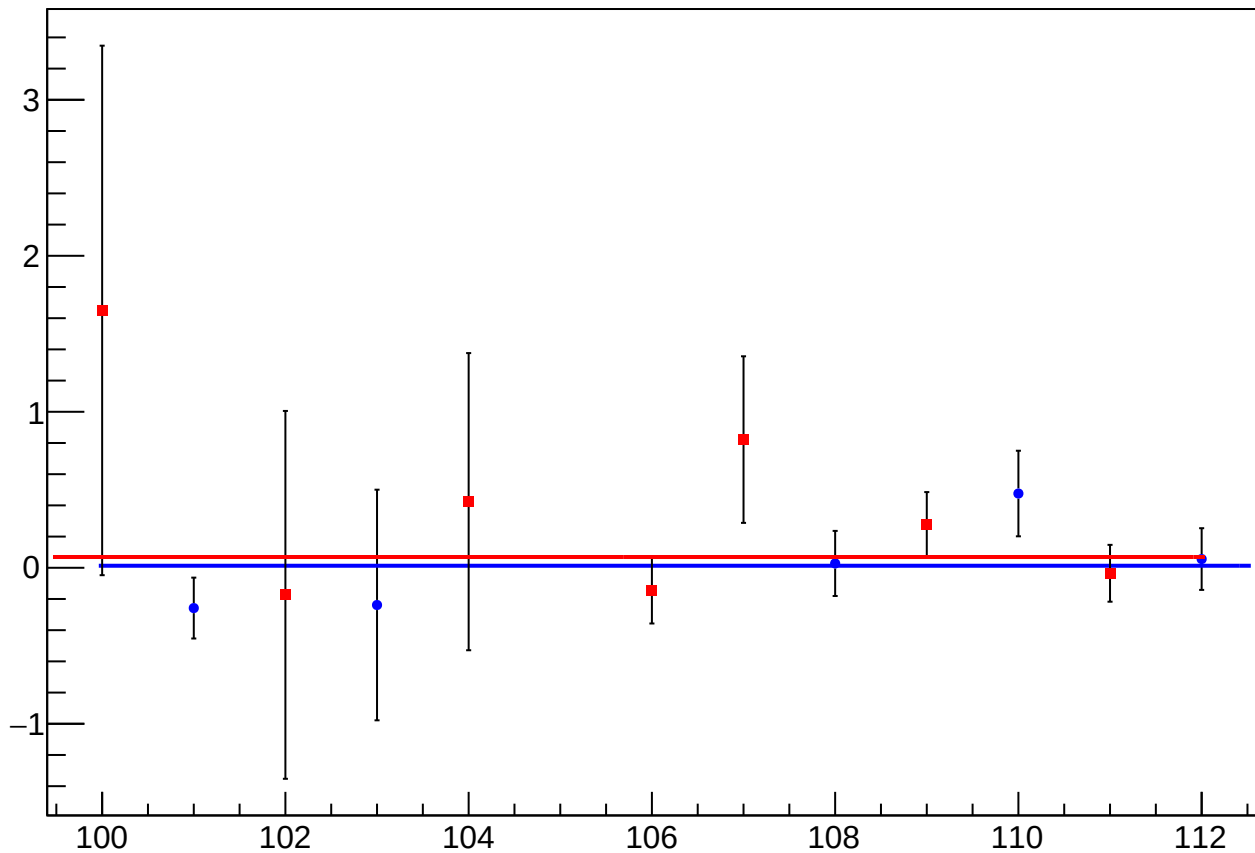
Right: 144.965+/-0.054 χ^2/NDF : 2040501.6/11

In: 150.143+/-0.075 χ^2/NDF :660186.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 144.965+/-0.054 χ^2/NDF : 2040501.6/11

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.105 χ^2/NDF : 5.0/4

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

Right Out: 0.069+/-0.111 χ^2/NDF : 5.4/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

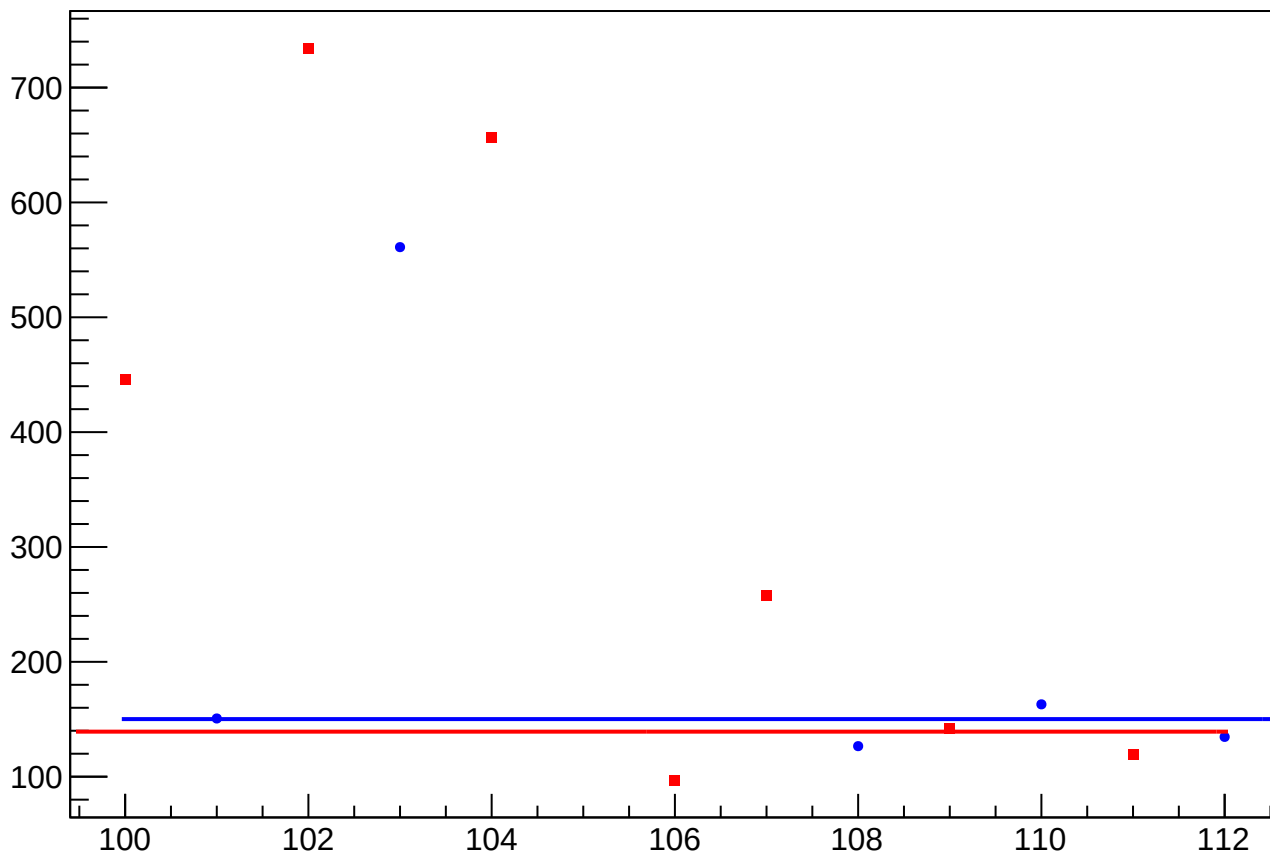
Right: 0.040+/-0.076 χ^2/NDF : 10.5/11

In: 0.013+/-0.105 χ^2/NDF : 5.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.040+/-0.076 χ^2/NDF : 10.5/11

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 150.143+/-0.075 χ^2/NDF : 660186.3/4

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

Right Out: 139.216+/-0.079 χ^2/NDF : 1370137.1/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

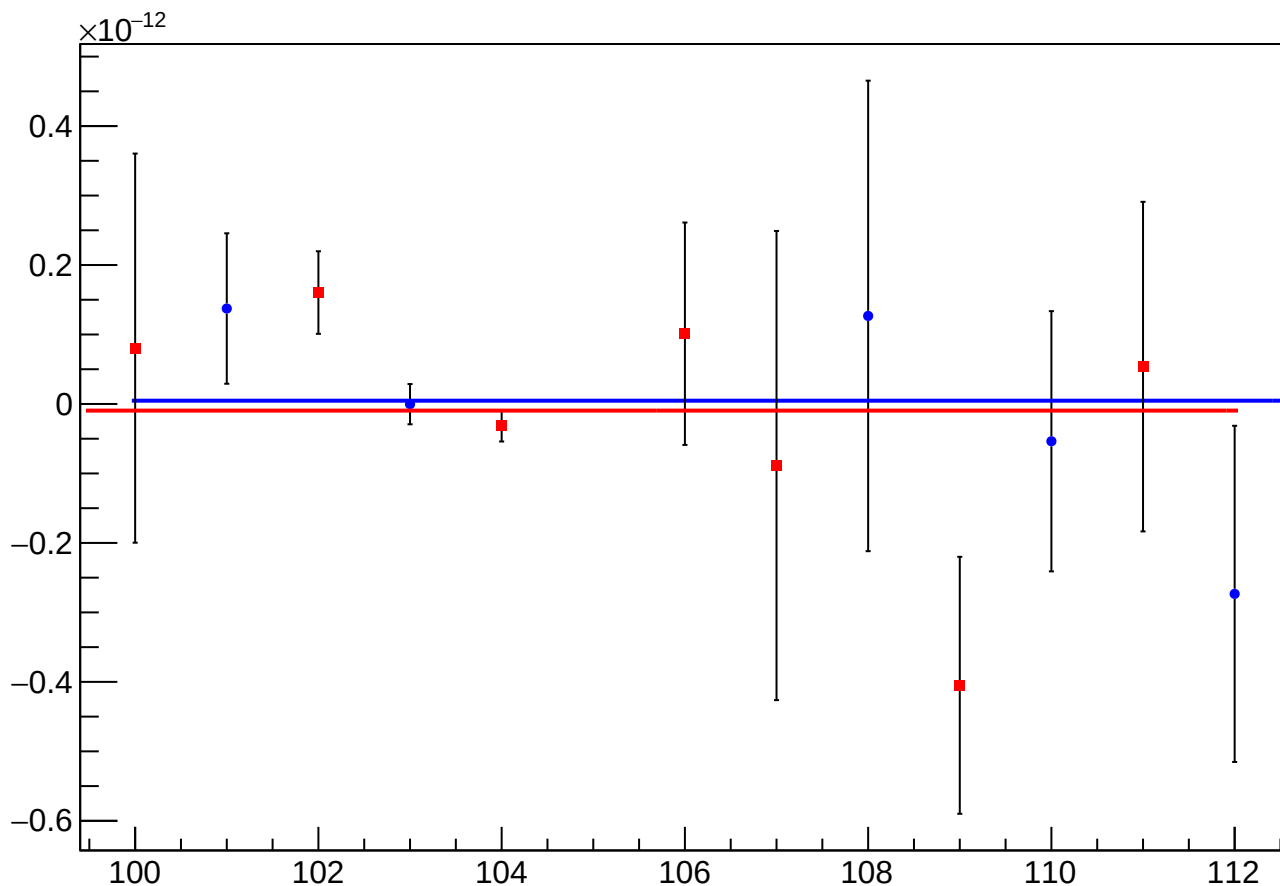
Right: 144.965+/-0.054 χ^2/NDF : 2040501.6/11

In: 150.143+/-0.075 χ^2/NDF : 660186.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.965+/-0.054 χ^2/NDF : 2040501.6/11

asym_atl_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.1/4

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

Right Out: -0.000+/-0.000 χ^2/NDF : 14.4/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

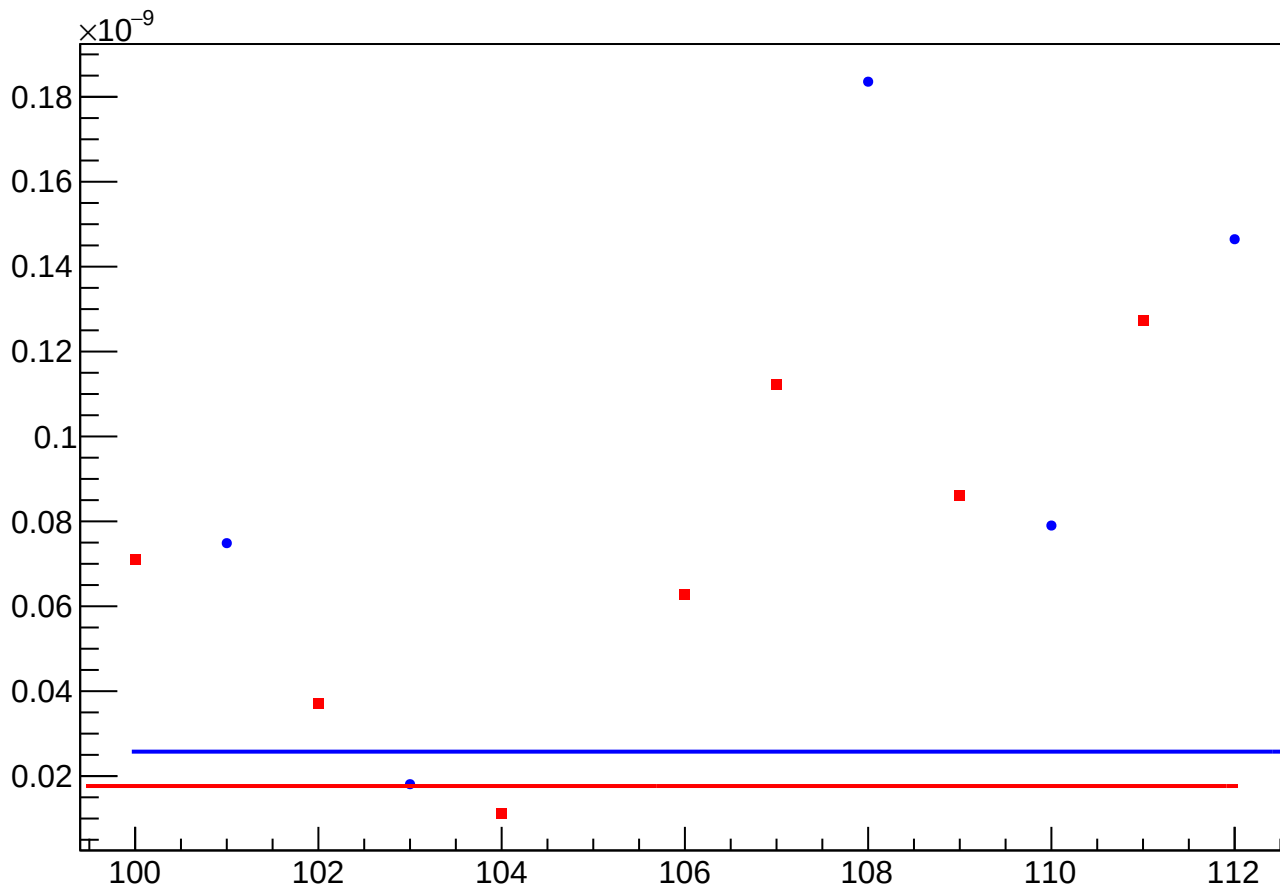
Right: -0.000+/-0.000 χ^2/NDF : 17.6/11

In: 0.000+/-0.000 χ^2/NDF : 3.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.6/11

asym_atl_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1645655.8/4

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1467726.6/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

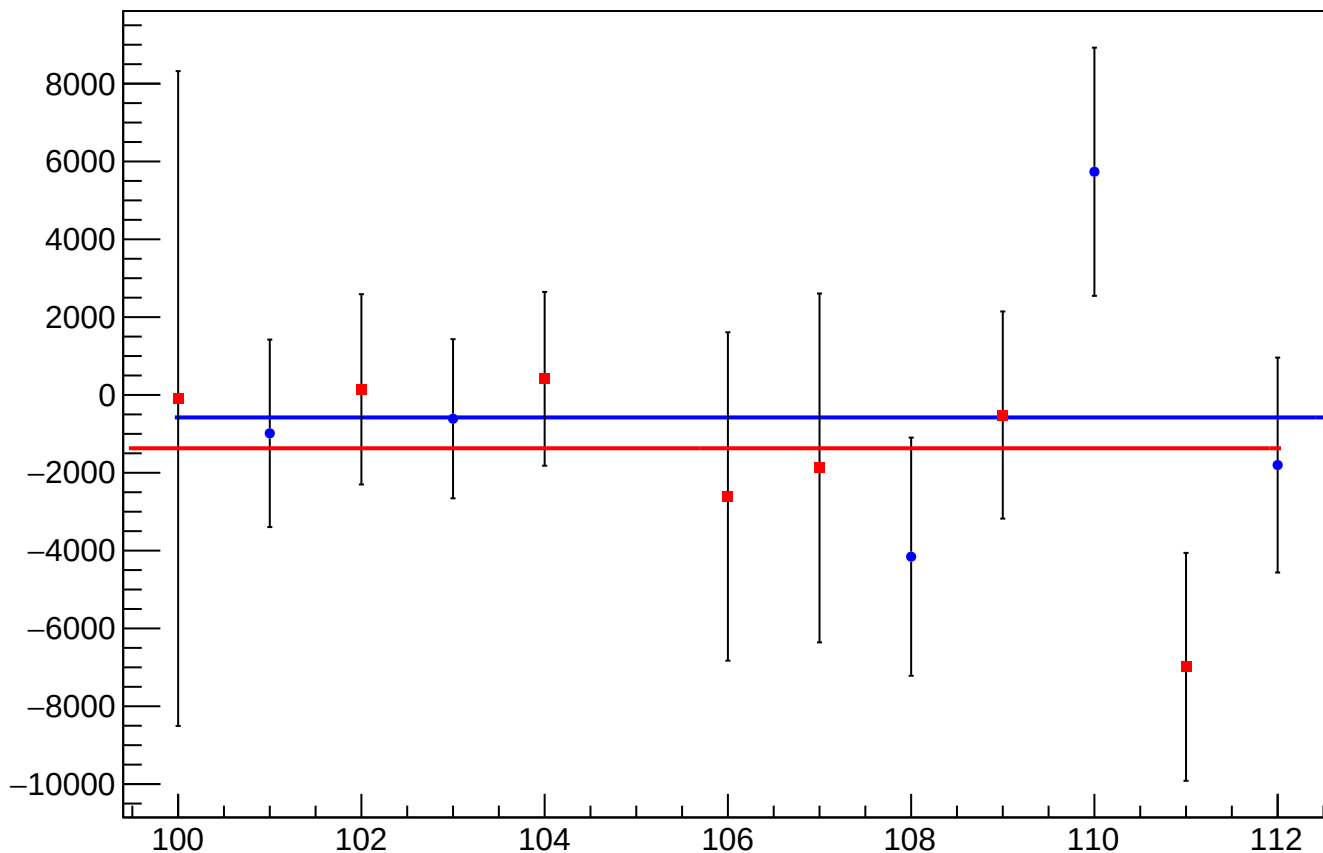
Right: 0.000+/-0.000 χ^2/NDF : 3224714.7/11

In: 0.000+/-0.000 χ^2/NDF : 1645655.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3224714.7/11

reg_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -577.550+/-1156.464 χ^2/NDF : 5.5/4

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

Right Out: -1370.138+/-1158.152 χ^2/NDF : 4.9/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

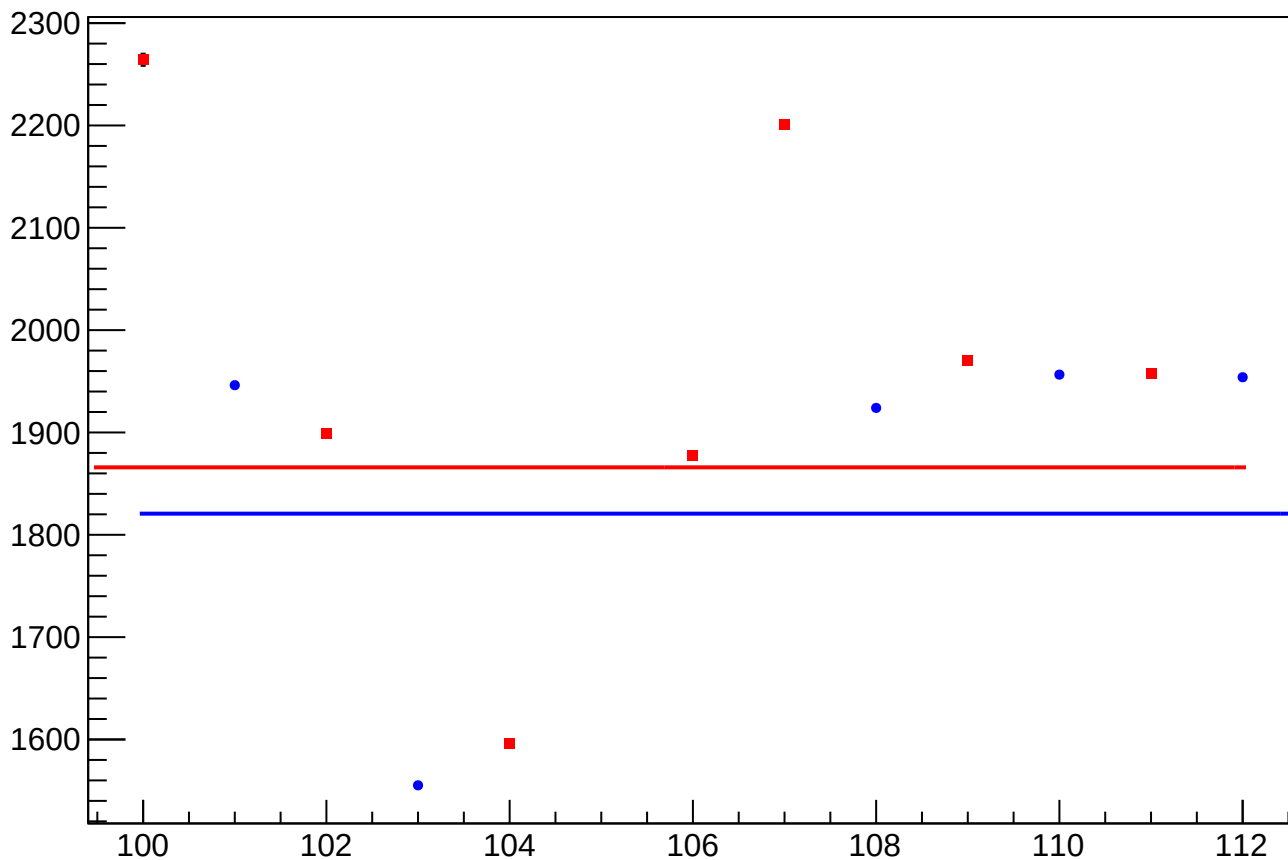
Right: -973.266+/-818.340 χ^2/NDF : 10.7/11

In: -577.550+/-1156.464 χ^2/NDF : 5.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -973.266+/-818.340 χ^2/NDF : 10.7/11

reg_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1820.664+/-0.818 χ^2/NDF : 49716.0/4

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

Right Out: 1865.911+/-0.807 χ^2/NDF : 50322.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

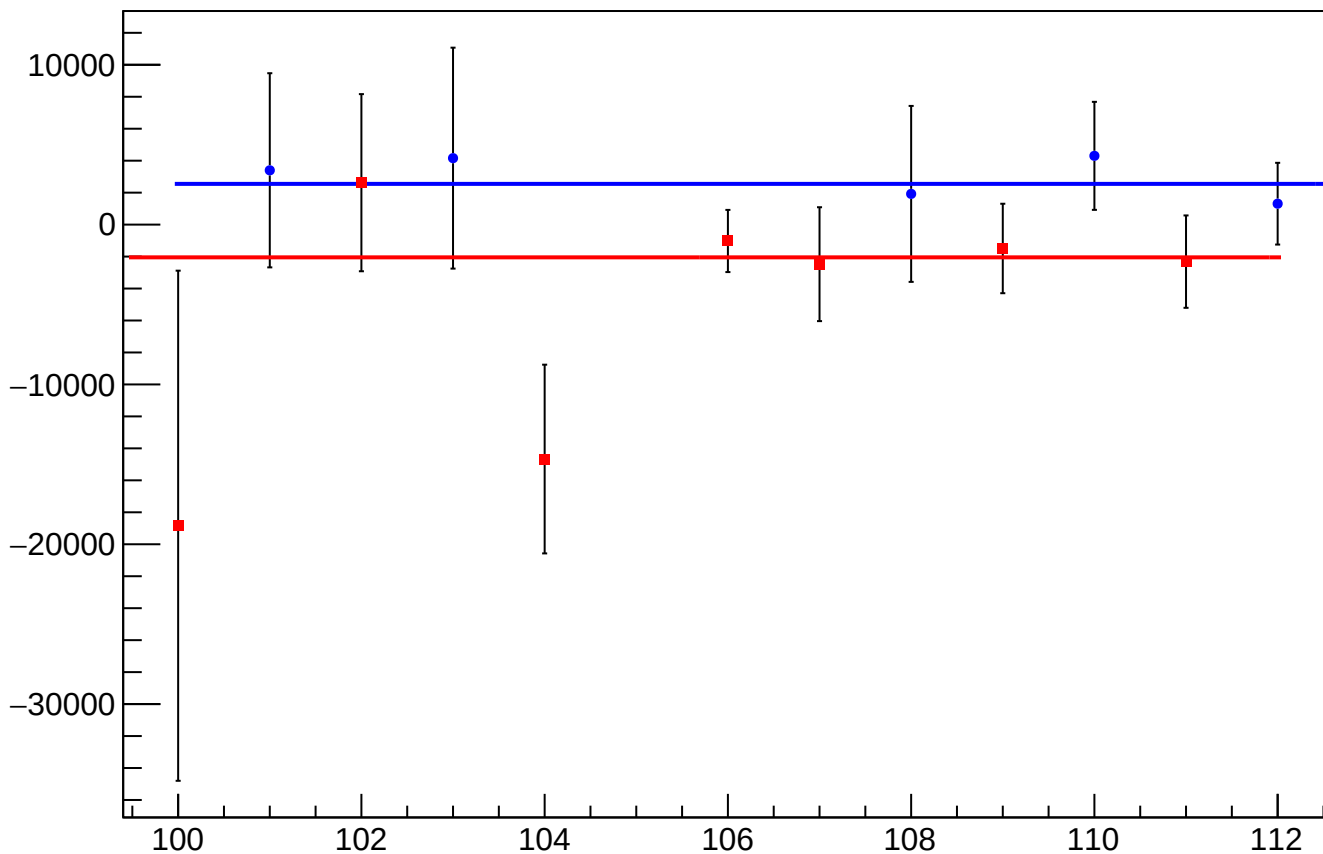
Right: 1843.600+/-0.574 χ^2/NDF : 101590.4/11

In: 1820.664+/-0.818 χ^2/NDF : 49716.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1843.600+/-0.574 χ^2/NDF : 101590.4/11

asym_atl_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 2548.581+/-1763.555 χ^2/NDF : 0.6/4

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

Right Out: -2048.522+/-1234.955 χ^2/NDF : 6.7/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

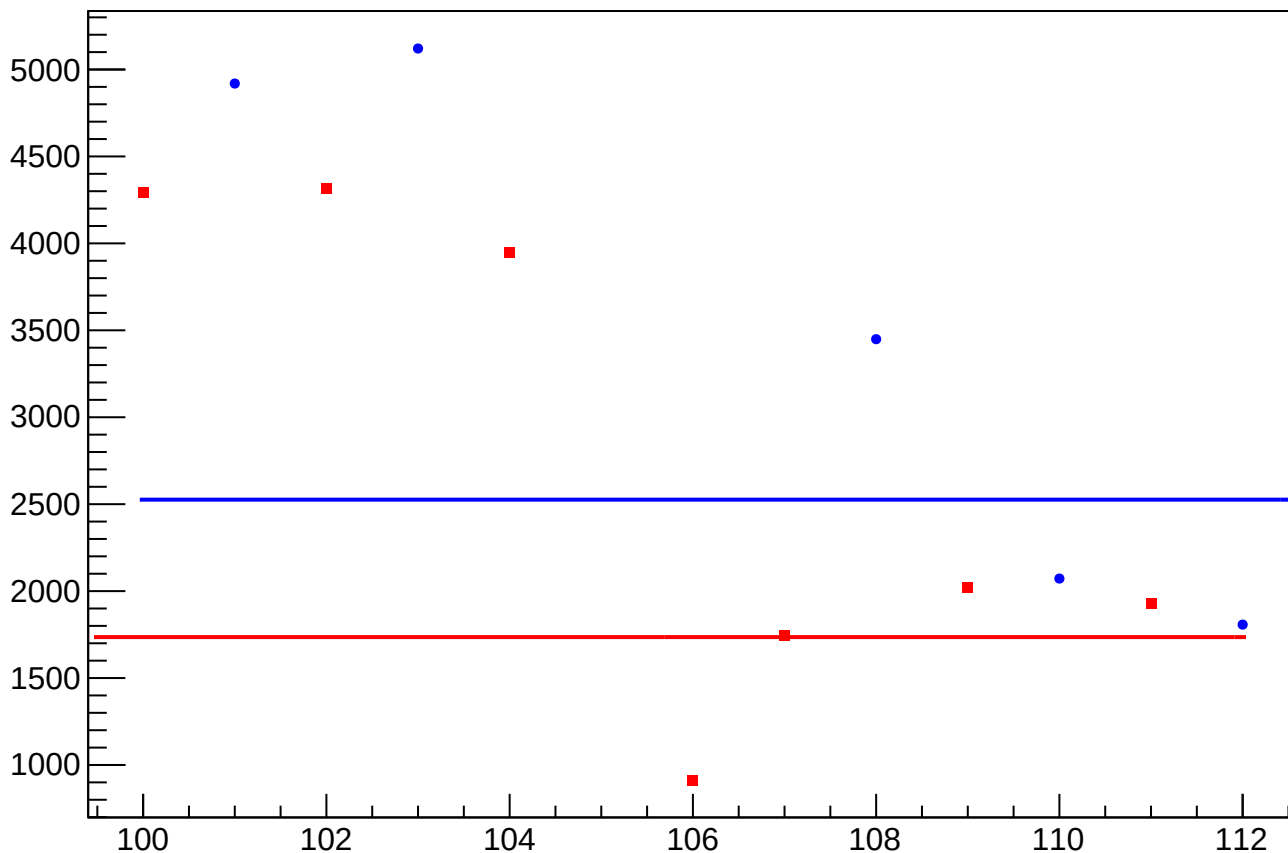
Right: -535.956+/-1011.589 χ^2/NDF : 11.9/11

In: 2548.581+/-1763.555 χ^2/NDF : 0.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -535.956+/-1011.589 χ^2/NDF : 11.9/11

asym_atl_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2526.011+/-1.247 χ^2/NDF : 842526.6/4

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

Right Out: 1735.552+/-0.873 χ^2/NDF : 1154659.3/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

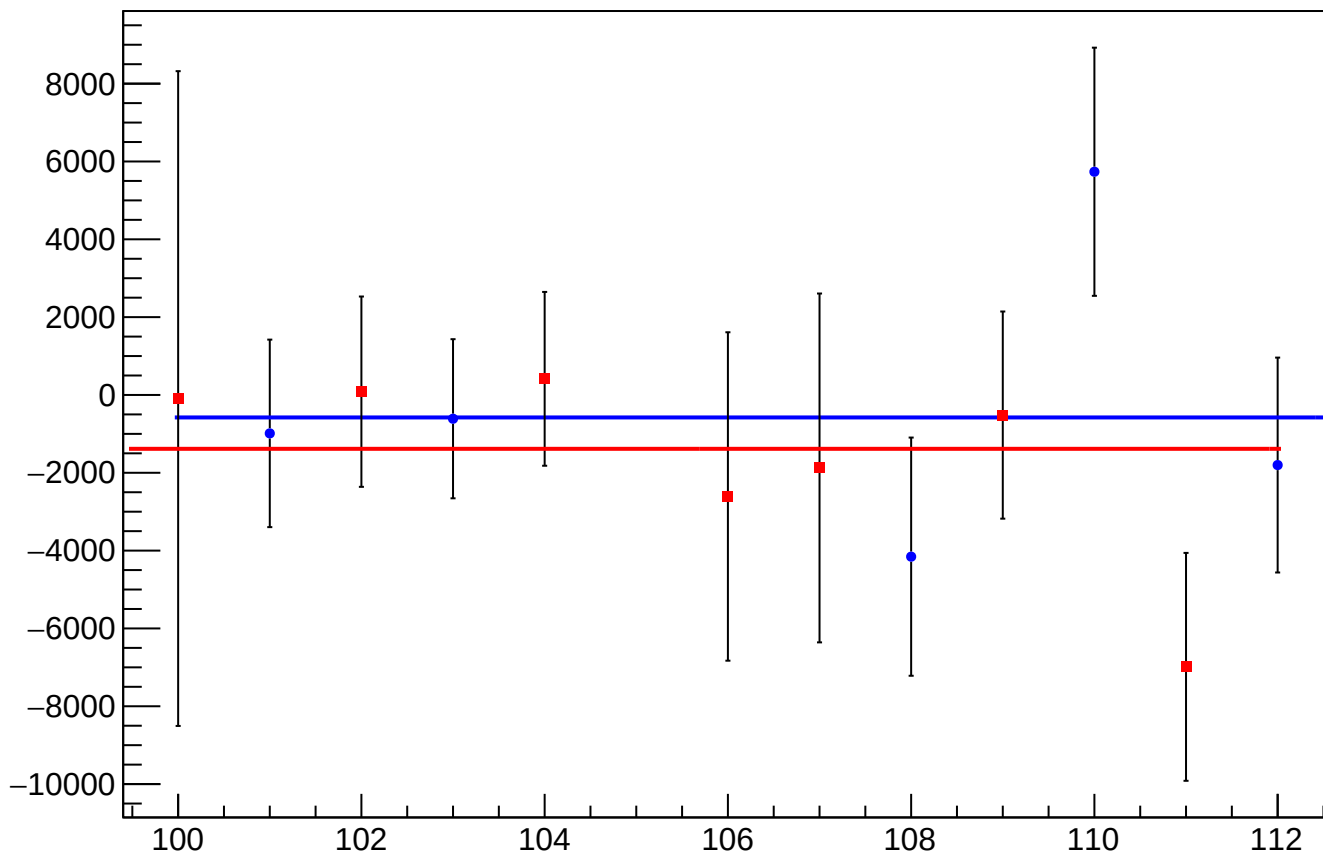
Right: 1995.633+/-0.715 χ^2/NDF : 2266783.9/11

In: 2526.011+/-1.247 χ^2/NDF : 842526.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1995.633+/-0.715 χ^2/NDF : 2266783.9/11

cor_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -577.773+/-1156.464 χ^2/NDF : 5.5/4

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

Right Out: -1384.153+/-1158.190 χ^2/NDF : 4.9/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

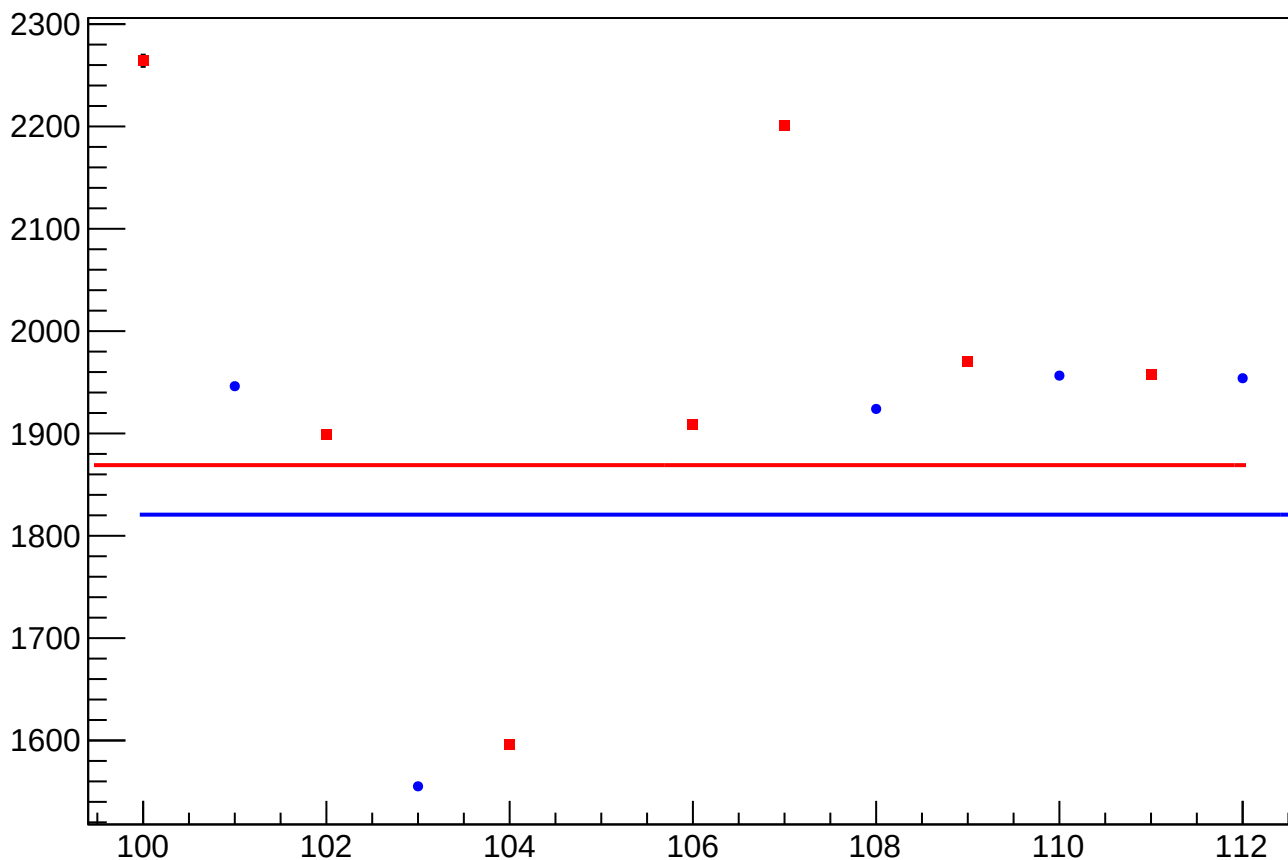
Right: -980.362+/-818.353 χ^2/NDF : 10.7/11

In: -577.773+/-1156.464 χ^2/NDF : 5.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -980.362+/-818.353 χ^2/NDF : 10.7/11

cor_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1820.664+/-0.818 χ^2/NDF : 49716.3/4

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

Right Out: 1869.050+/-0.808 χ^2/NDF : 50571.4/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

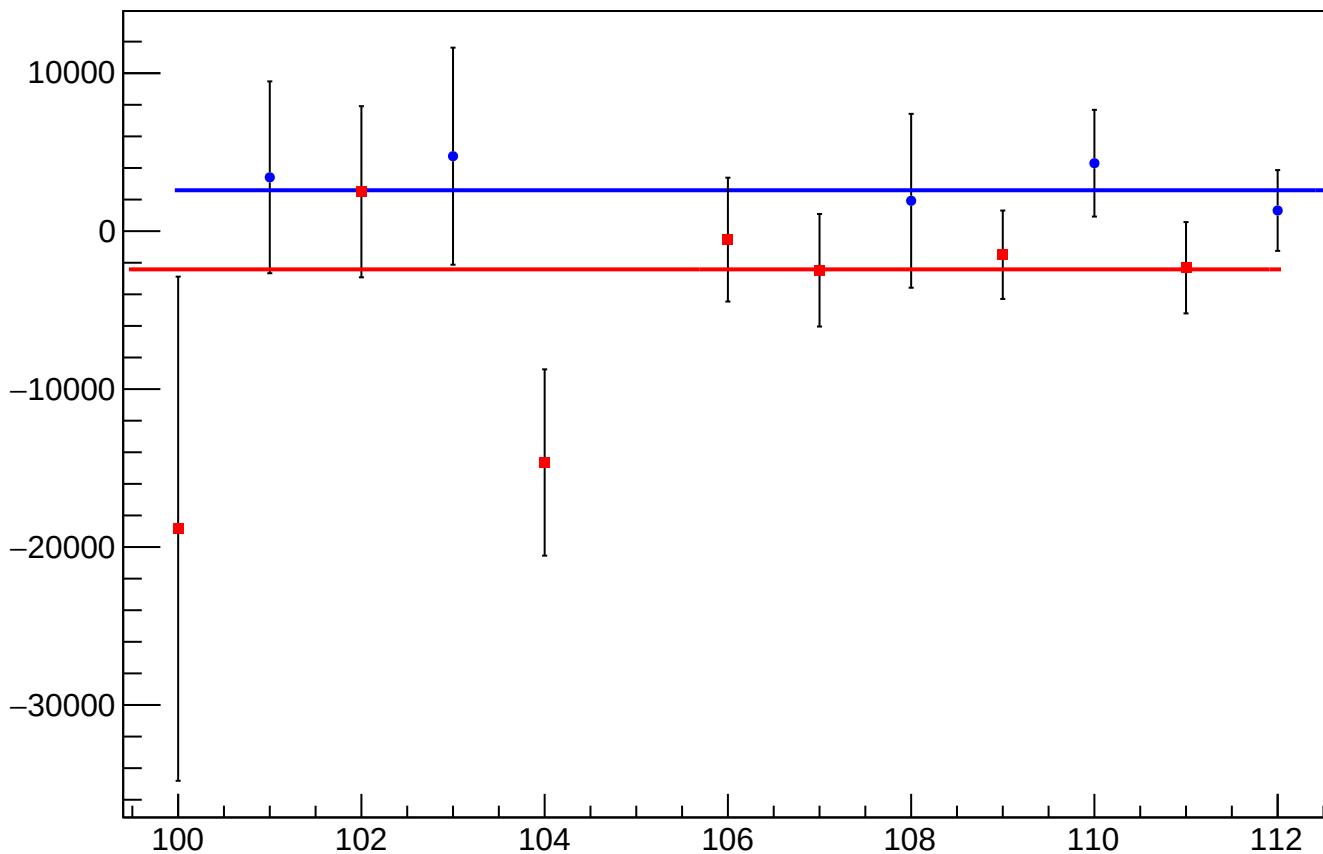
Right: 1845.152+/-0.575 χ^2/NDF : 102059.5/11

In: 1820.664+/-0.818 χ^2/NDF : 49716.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1845.152+/-0.575 χ^2/NDF : 102059.5/11

asym_atl_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 2589.397+/-1762.831 χ^2/NDF : 0.6/4

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

Right Out: -2419.675+/-1477.750 χ^2/NDF : 6.5/6

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

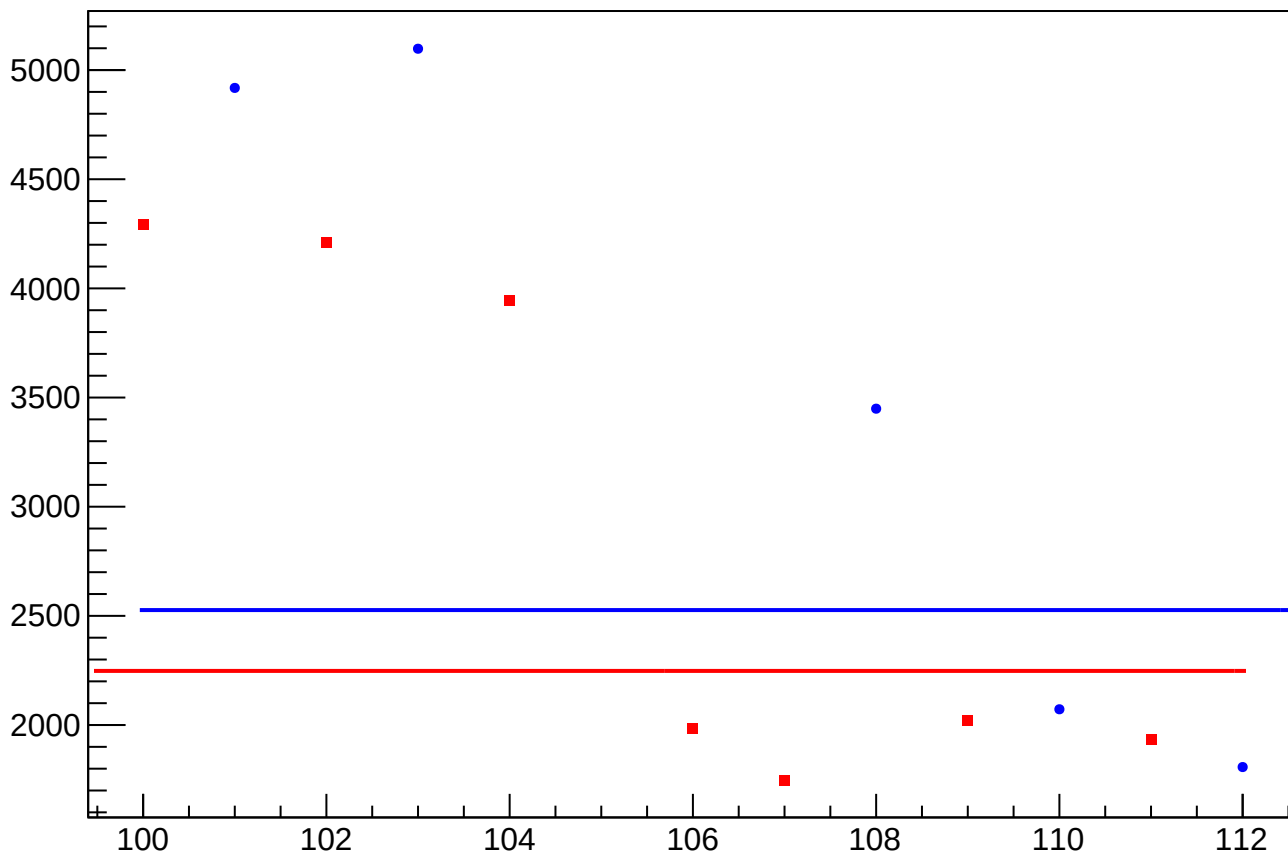
Right: -352.414+/-1132.478 χ^2/NDF : 11.9/11

In: 2589.397+/-1762.831 χ^2/NDF : 0.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -352.414+/-1132.478 χ^2/NDF : 11.9/11

asym_atl_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2526.505+/-1.247 χ^2/NDF : 840762.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2247.820+/-1.045 χ^2/NDF : 545696.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

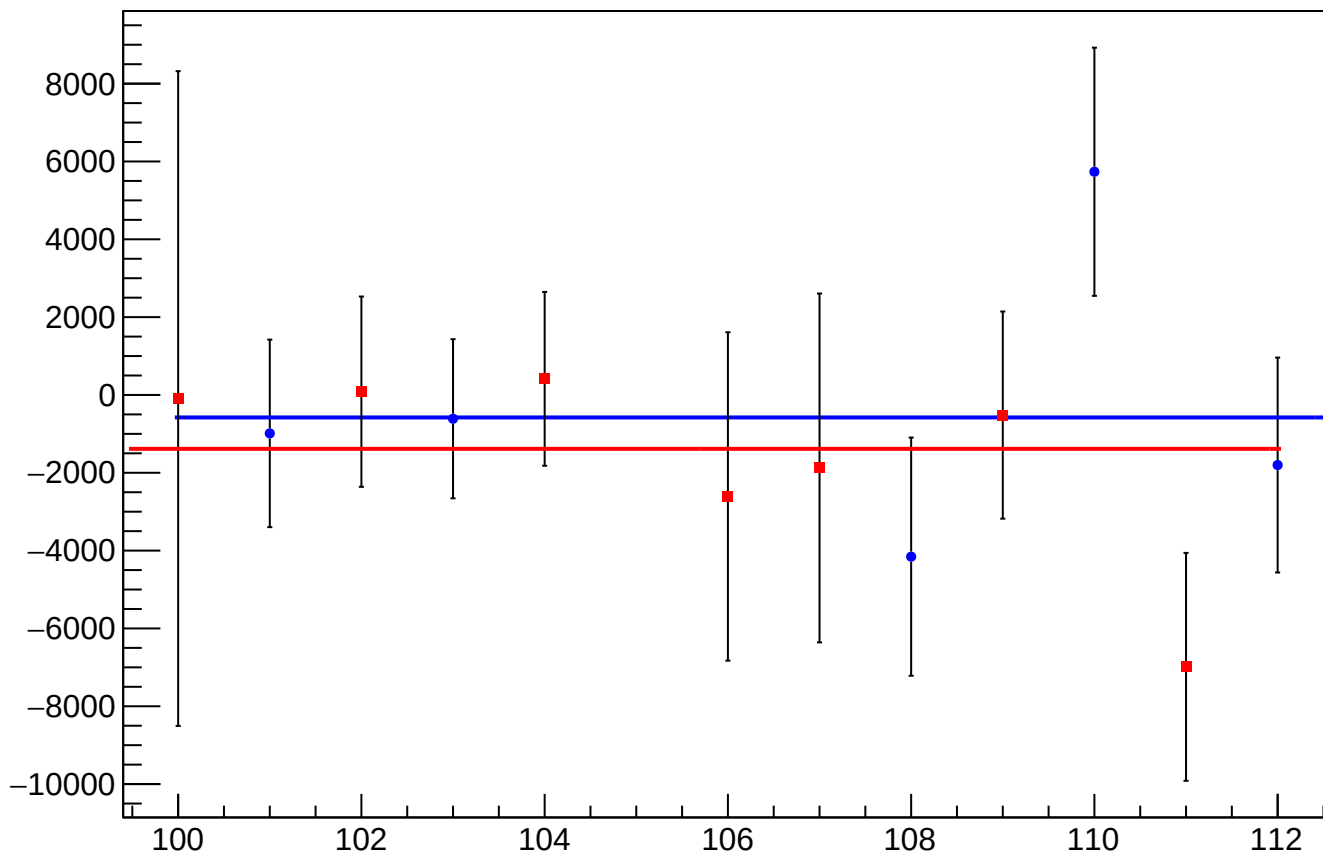
Right: 2362.834+/-0.801 χ^2/NDF : 1415814.2/11

In: 2526.505+/-1.247 χ^2/NDF : 840762.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2362.834+/-0.801 χ^2/NDF : 1415814.2/11

eigen_cor_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -577.773+/-1156.464 χ^2/NDF : 5.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1384.153+/-1158.190 χ^2/NDF : 4.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

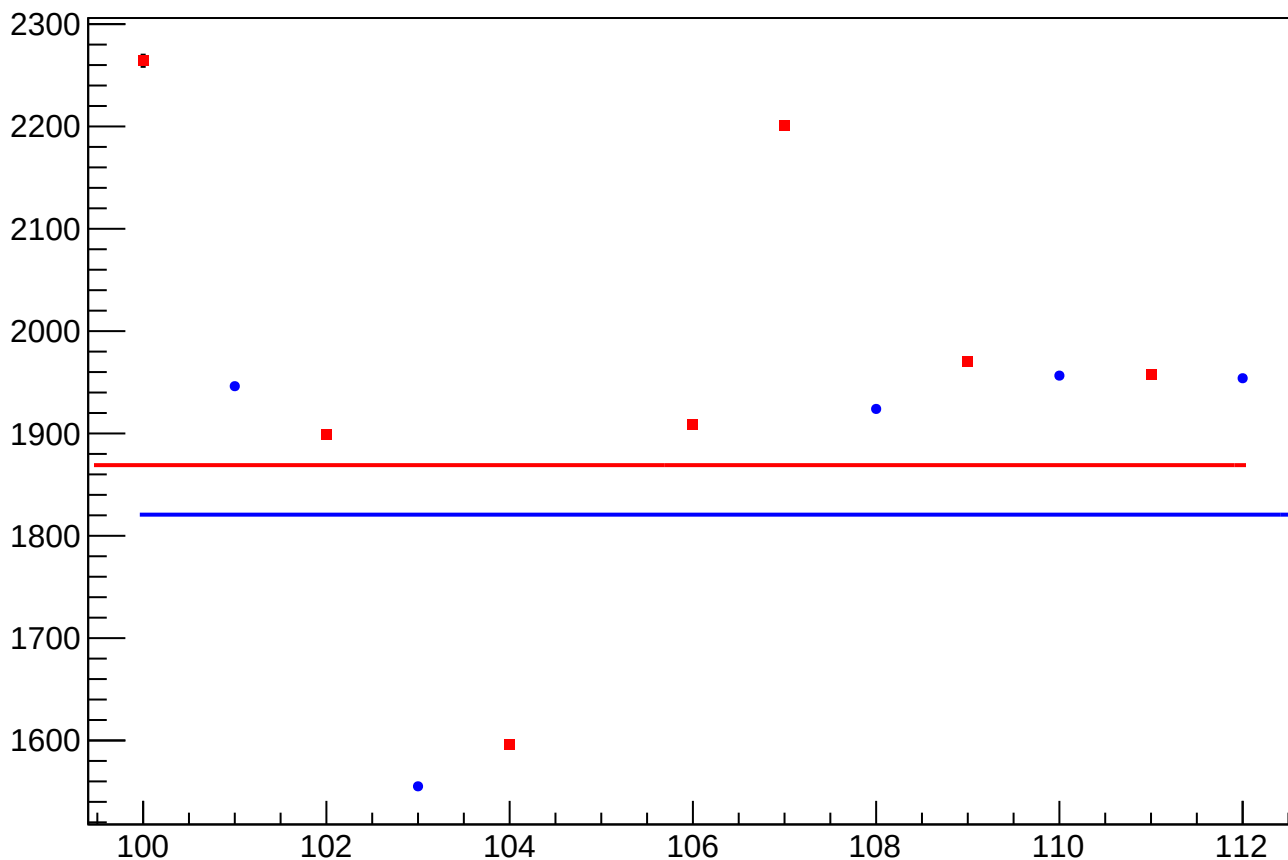
Right: -980.362+/-818.353 χ^2/NDF : 10.7/11

In: -577.773+/-1156.464 χ^2/NDF : 5.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -980.362+/-818.353 χ^2/NDF : 10.7/11

eigen_cor_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1820.664+/-0.818 χ^2/NDF : 49716.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1869.050+/-0.808 χ^2/NDF : 50571.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

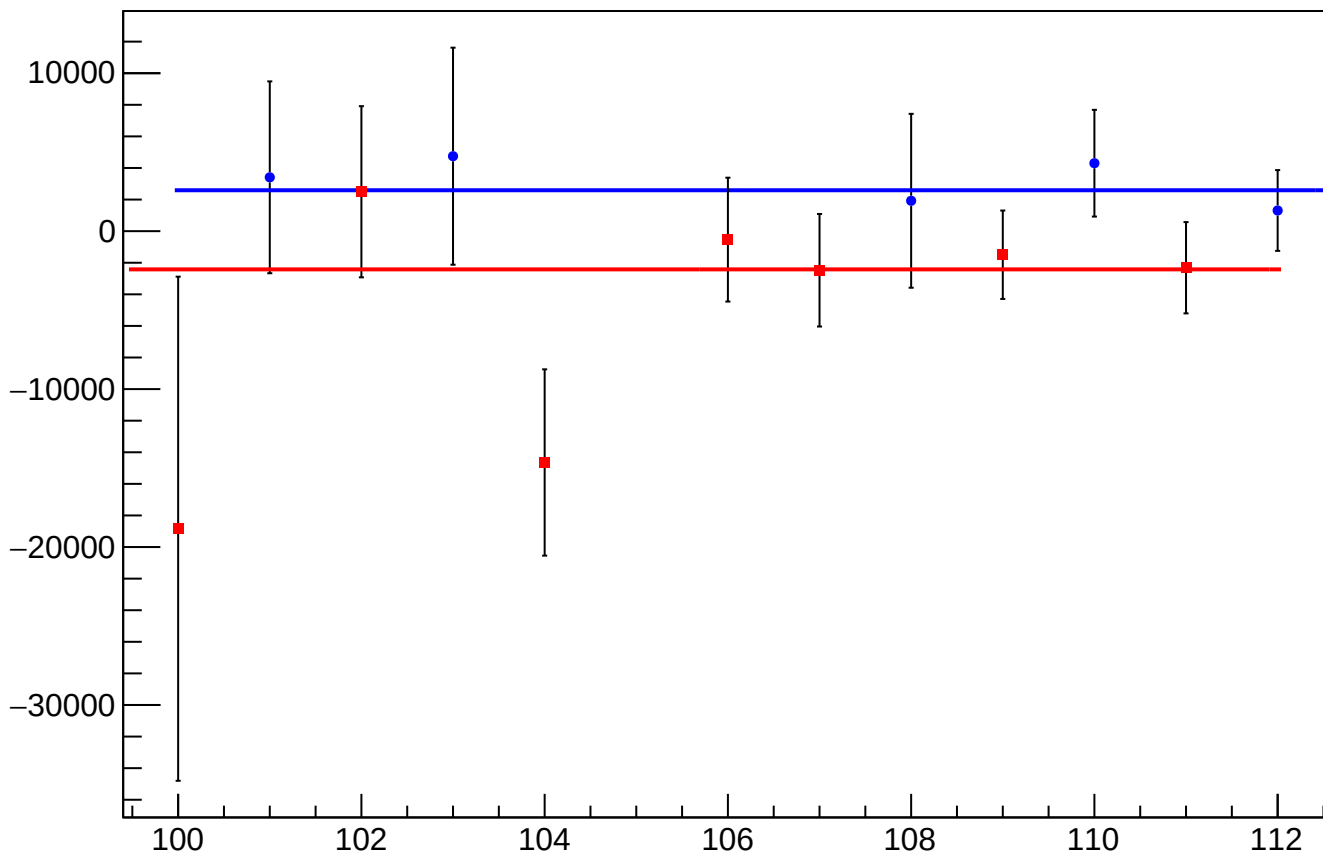
Right: 1845.152+/-0.575 χ^2/NDF : 102059.5/11

In: 1820.664+/-0.818 χ^2/NDF : 49716.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1845.152+/-0.575 χ^2/NDF : 102059.5/11

asym_atl_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2589.397+/-1762.831 χ^2/NDF : 0.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2419.675+/-1477.750 χ^2/NDF : 6.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

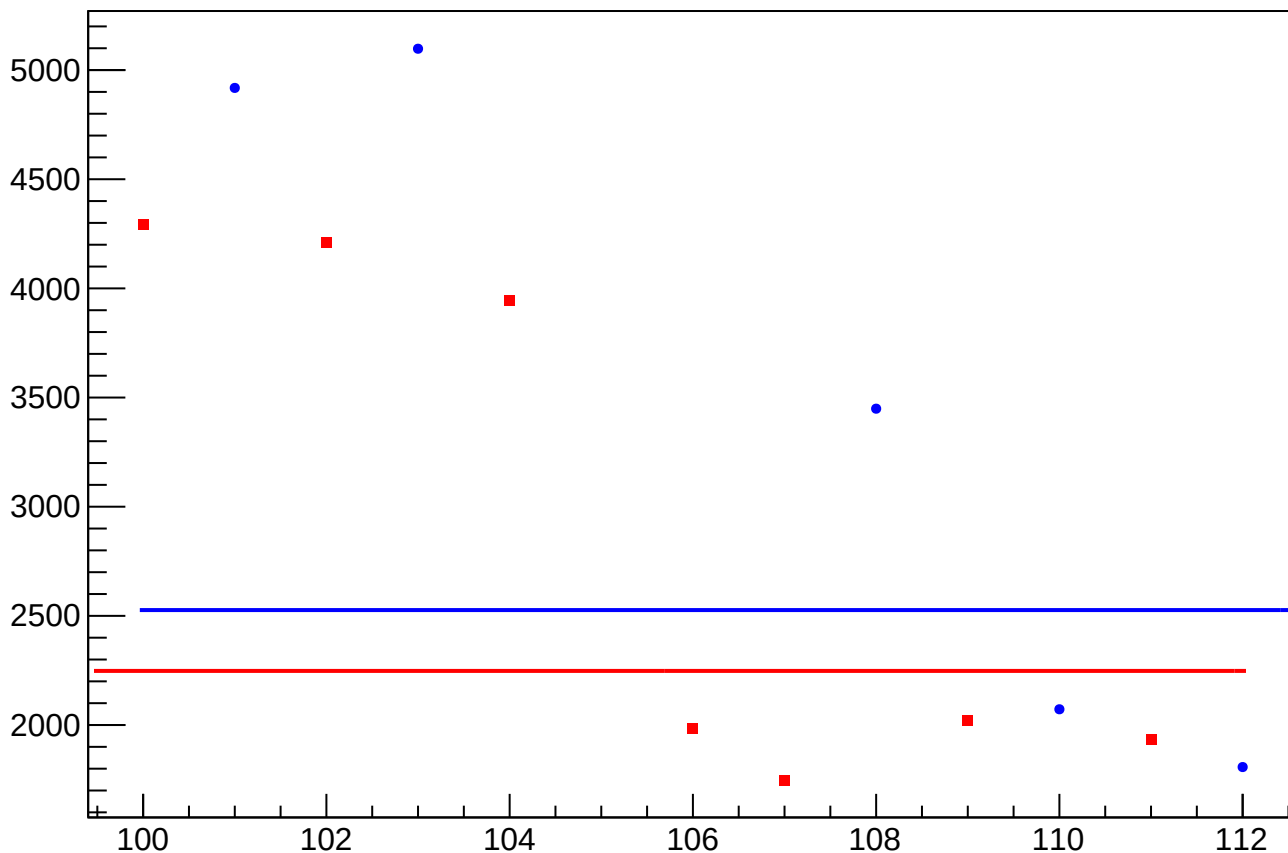
Right: -352.414+/-1132.478 χ^2/NDF : 11.9/11

In: 2589.397+/-1762.831 χ^2/NDF : 0.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -352.414+/-1132.478 χ^2/NDF : 11.9/11

asym_atl_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2526.505+/-1.247 χ^2/NDF : 840762.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2247.820+/-1.045 χ^2/NDF : 545696.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

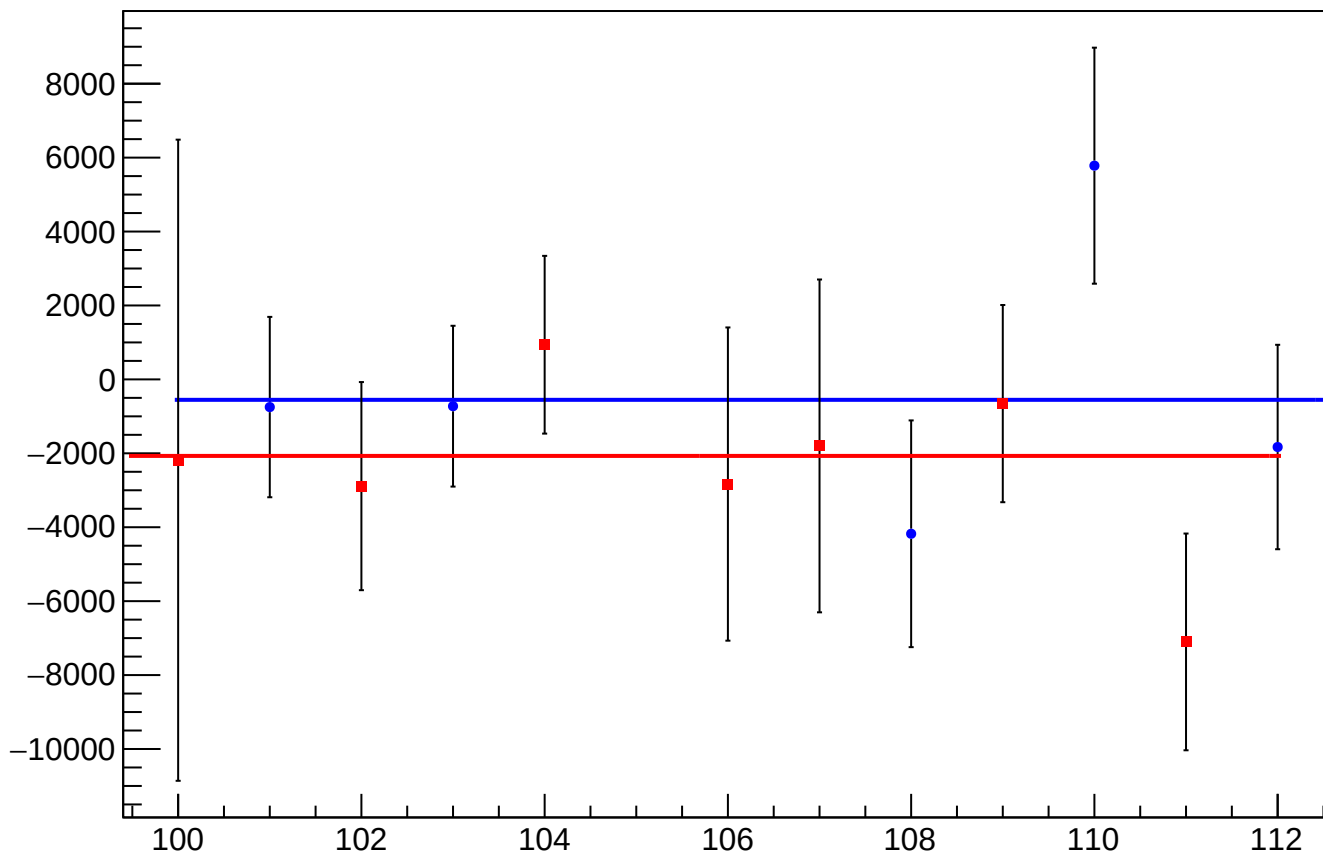
Right: 2362.834+/-0.801 χ^2/NDF : 1415814.2/11

In: 2526.505+/-1.247 χ^2/NDF : 840762.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2362.834+/-0.801 χ^2/NDF : 1415814.2/11

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -553.093+/-1183.074 χ^2/NDF : 5.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2070.408+/-1217.806 χ^2/NDF : 4.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

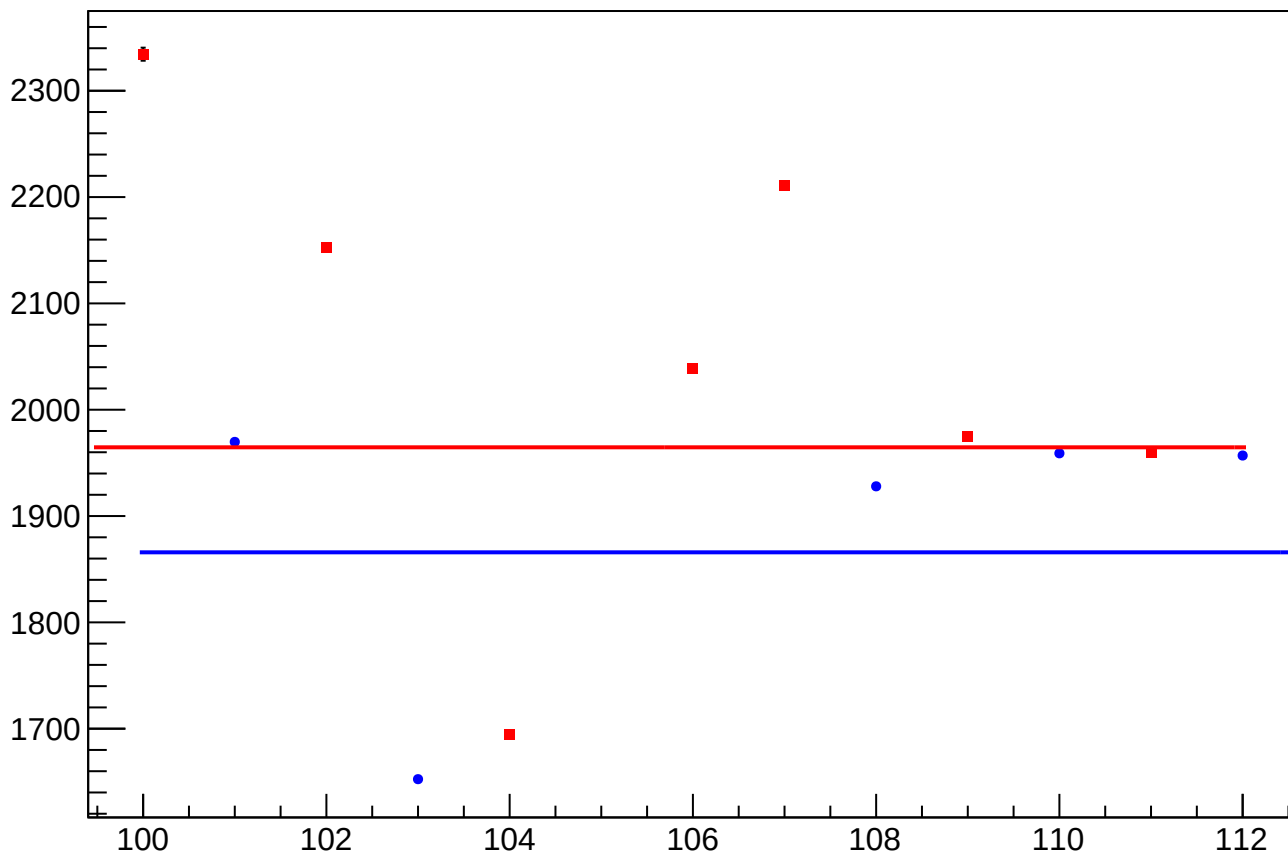
Right: -1289.805+/-848.573 χ^2/NDF : 11.3/11

In: -553.093+/-1183.074 χ^2/NDF : 5.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1289.805+/-848.573 χ^2/NDF : 11.3/11

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1865.874+/-0.837 χ^2/NDF : 27551.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1964.644+/-0.854 χ^2/NDF : 44433.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

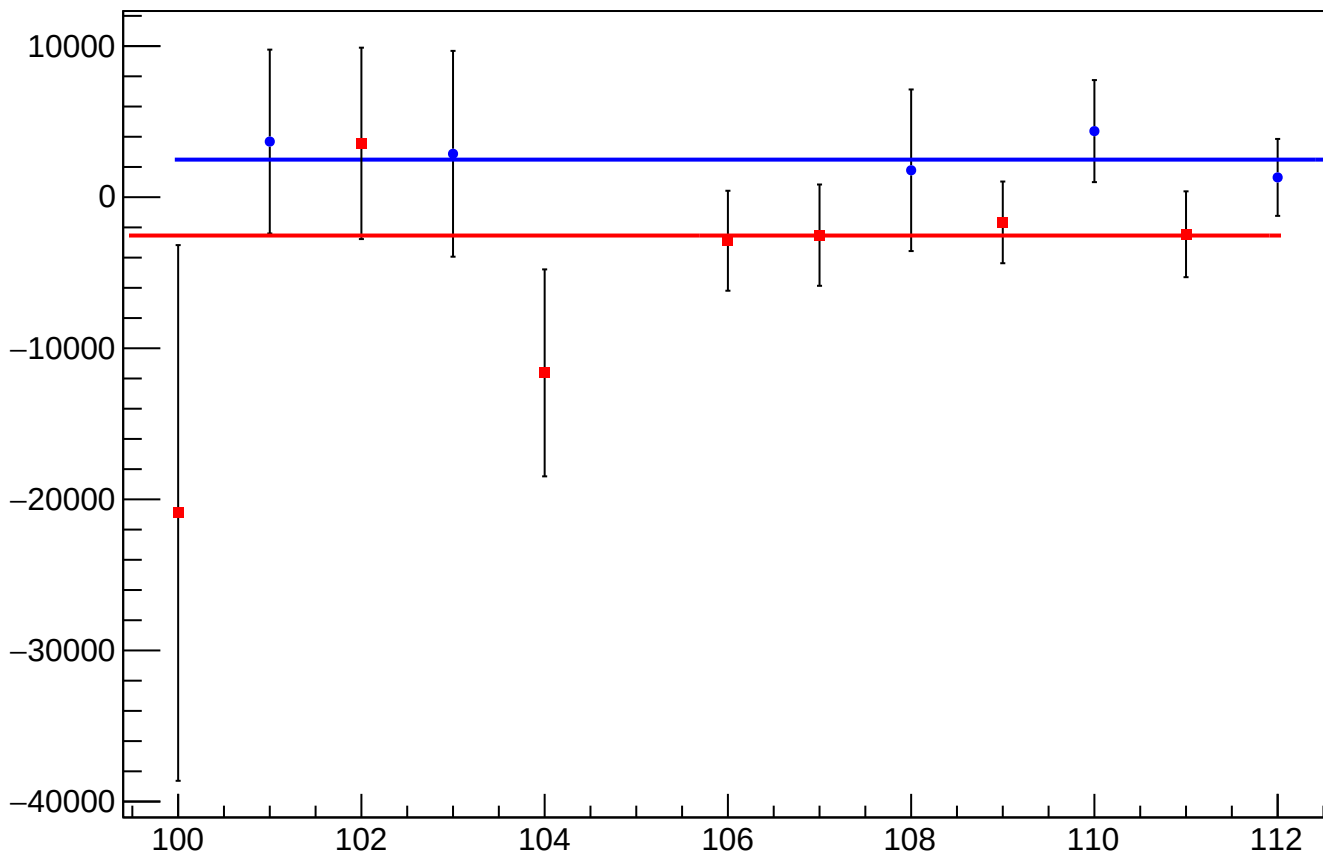
Right: 1914.236+/-0.598 χ^2/NDF : 78810.3/11

In: 1865.874+/-0.837 χ^2/NDF : 27551.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1914.236+/-0.598 χ^2/NDF : 78810.3/11

asym_atl_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 2486.080+/-1752.877 χ^2/NDF : 0.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2537.656+/-1427.826 χ^2/NDF : 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

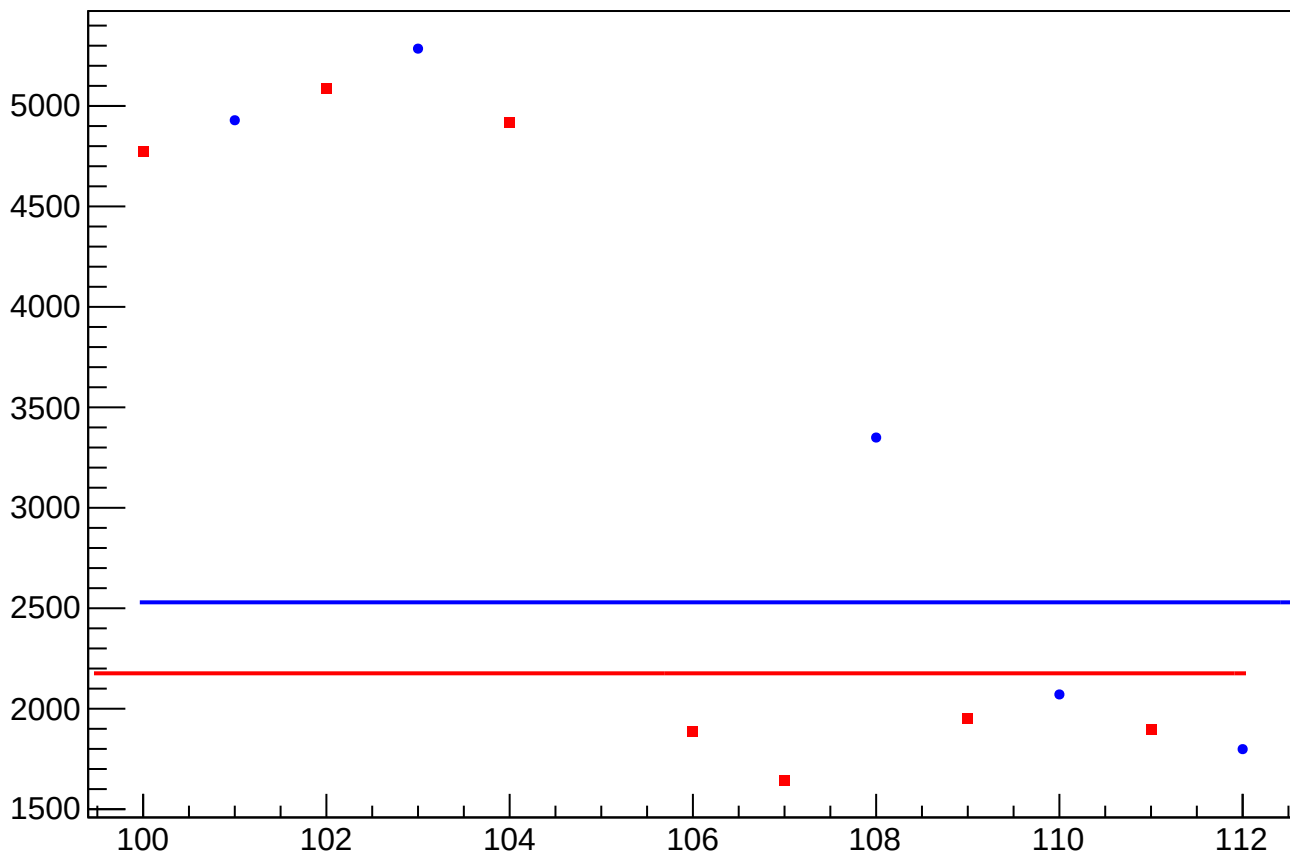
Right: -533.881+/-1107.038 χ^2/NDF : 9.4/11

In: 2486.080+/-1752.877 χ^2/NDF : 0.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -533.881+/-1107.038 χ^2/NDF : 9.4/11

asym_atl_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2529.516+/-1.239 χ^2/NDF : 887031.7/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2176.185+/-1.010 χ^2/NDF : 884731.4/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

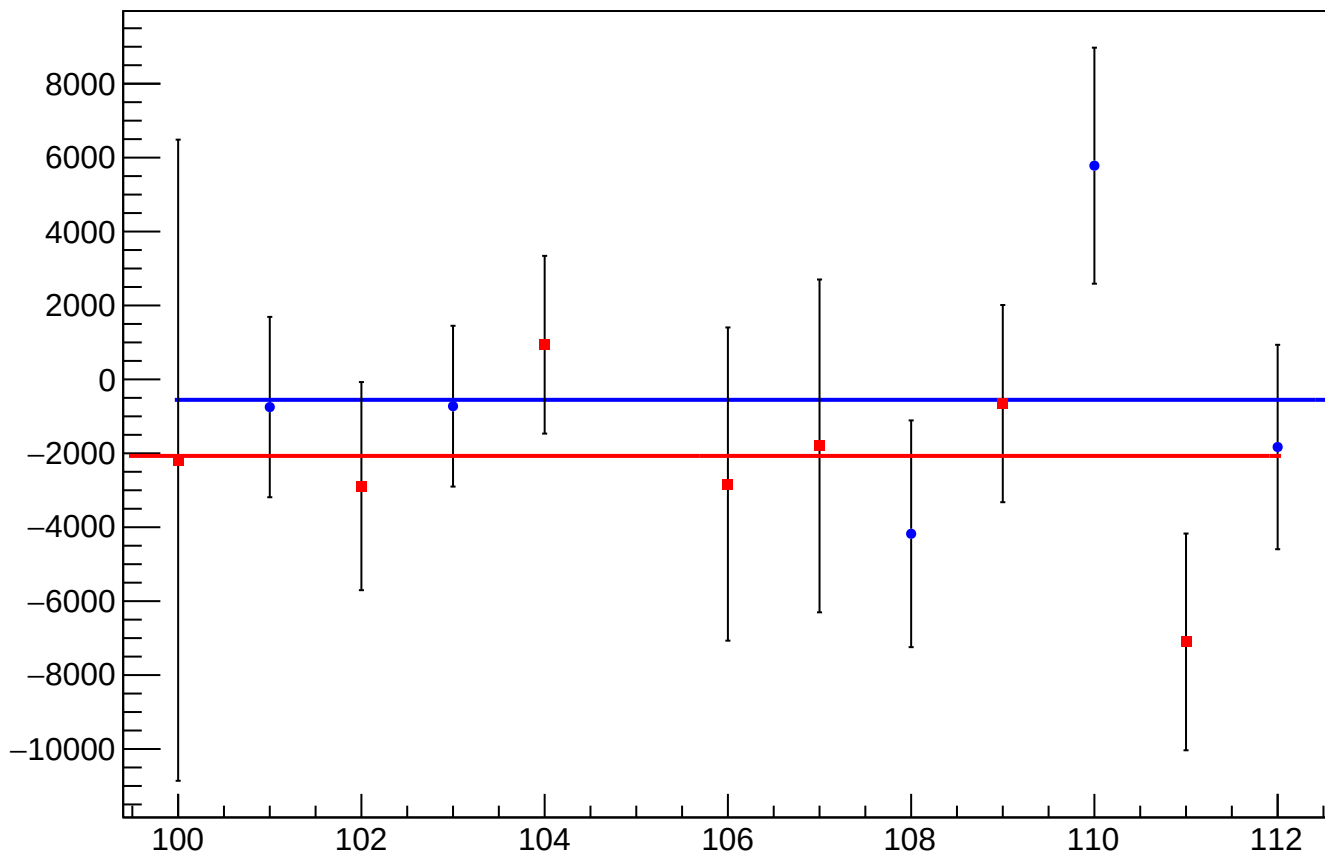
Right: 2317.115+/-0.783 χ^2/NDF : 1820613.0/11

In: 2529.516+/-1.239 χ^2/NDF :887031.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2317.115+/-0.783 χ^2/NDF : 1820613.0/11

eigen_dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -553.103+/-1183.073 χ^2/NDF : 5.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2070.412+/-1217.806 χ^2/NDF : 4.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

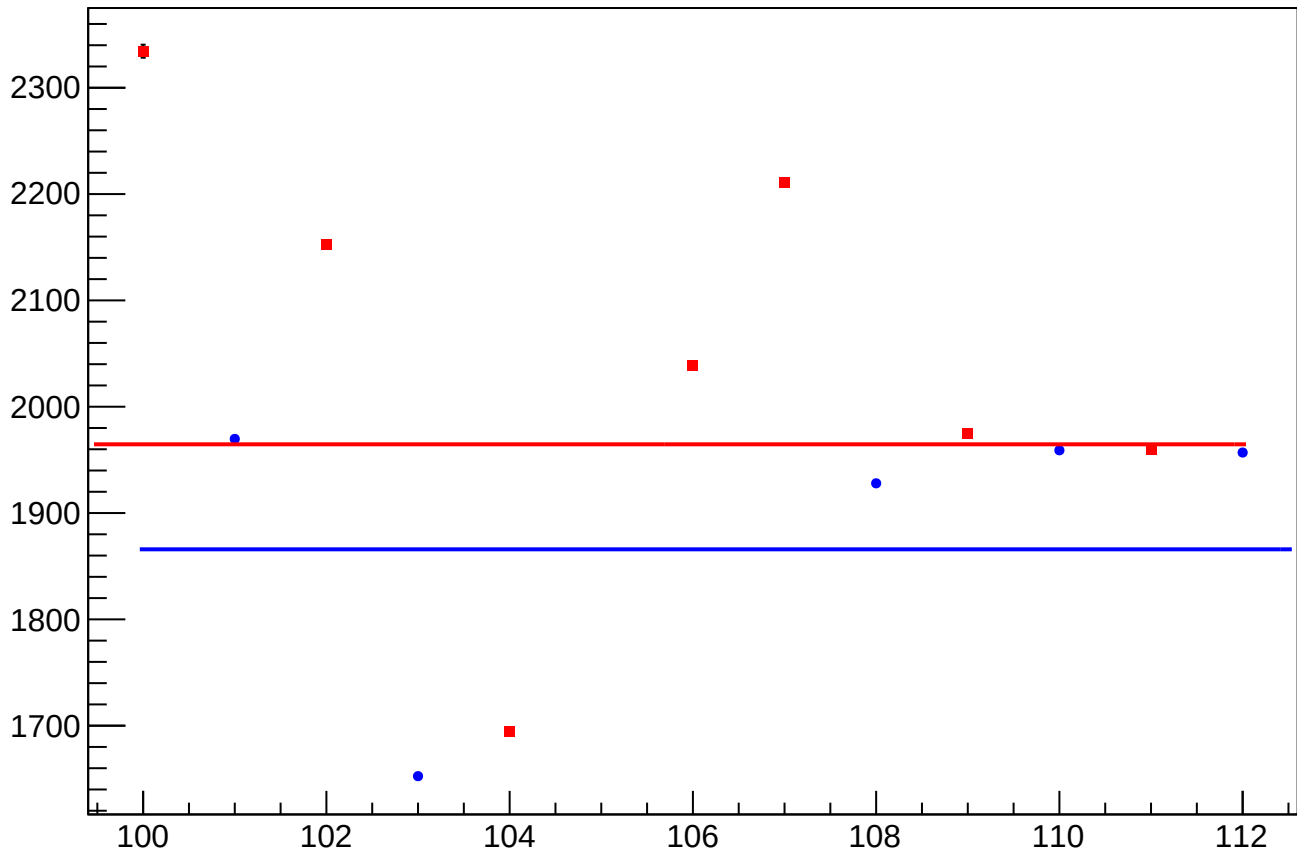
Right: -1289.812+/-848.572 χ^2/NDF : 11.3/11

In: -553.103+/-1183.073 χ^2/NDF : 5.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1289.812+/-848.572 χ^2/NDF : 11.3/11

eigen_dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1865.873+/-0.837 χ^2/NDF : 27552.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1964.643+/-0.854 χ^2/NDF : 44433.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

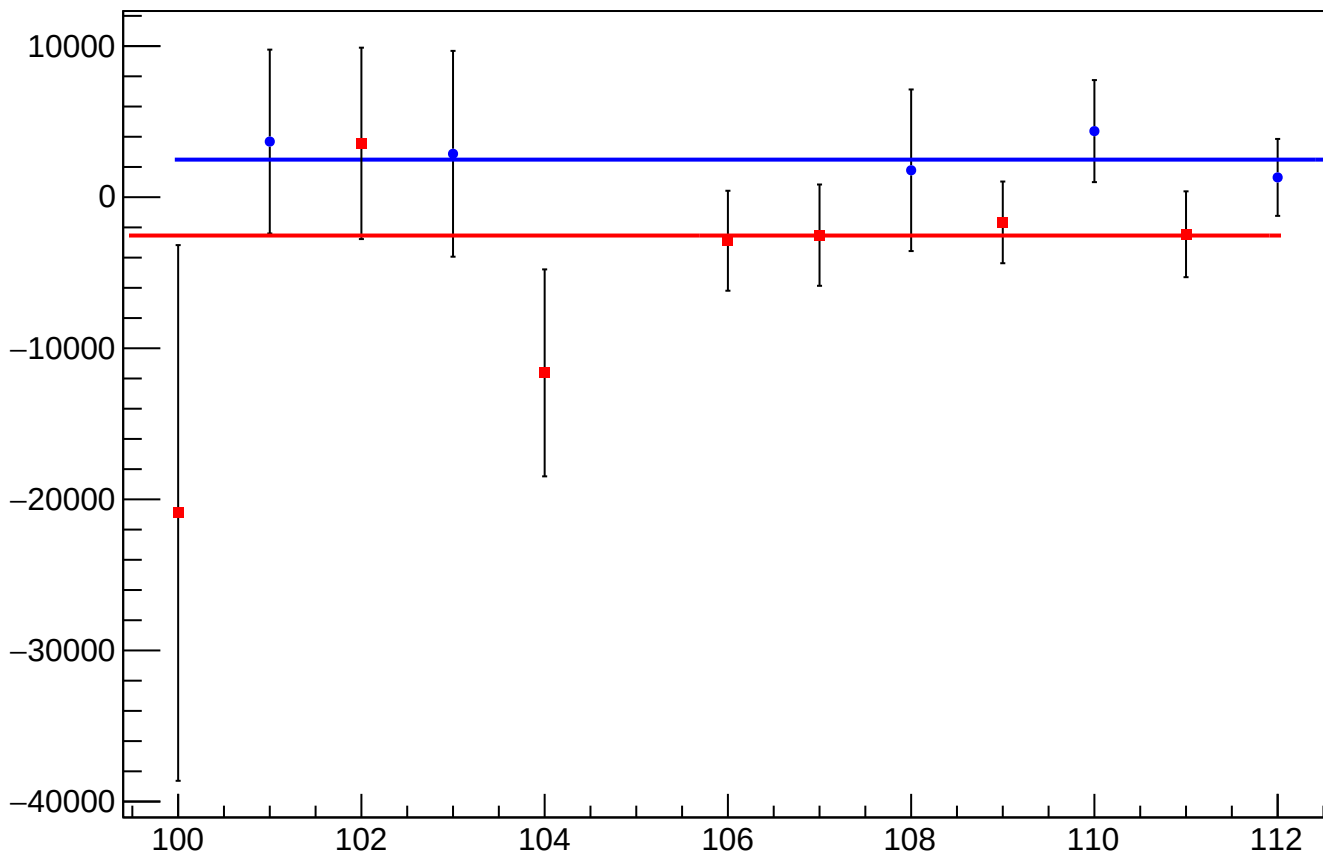
Right: 1914.235+/-0.598 χ^2/NDF : 78810.7/11

In: 1865.873+/-0.837 χ^2/NDF : 27552.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1914.235+/-0.598 χ^2/NDF : 78810.7/11

asym_atl_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 2486.066+/-1752.870 χ^2/NDF : 0.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2537.653+/-1427.823 χ^2/NDF : 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

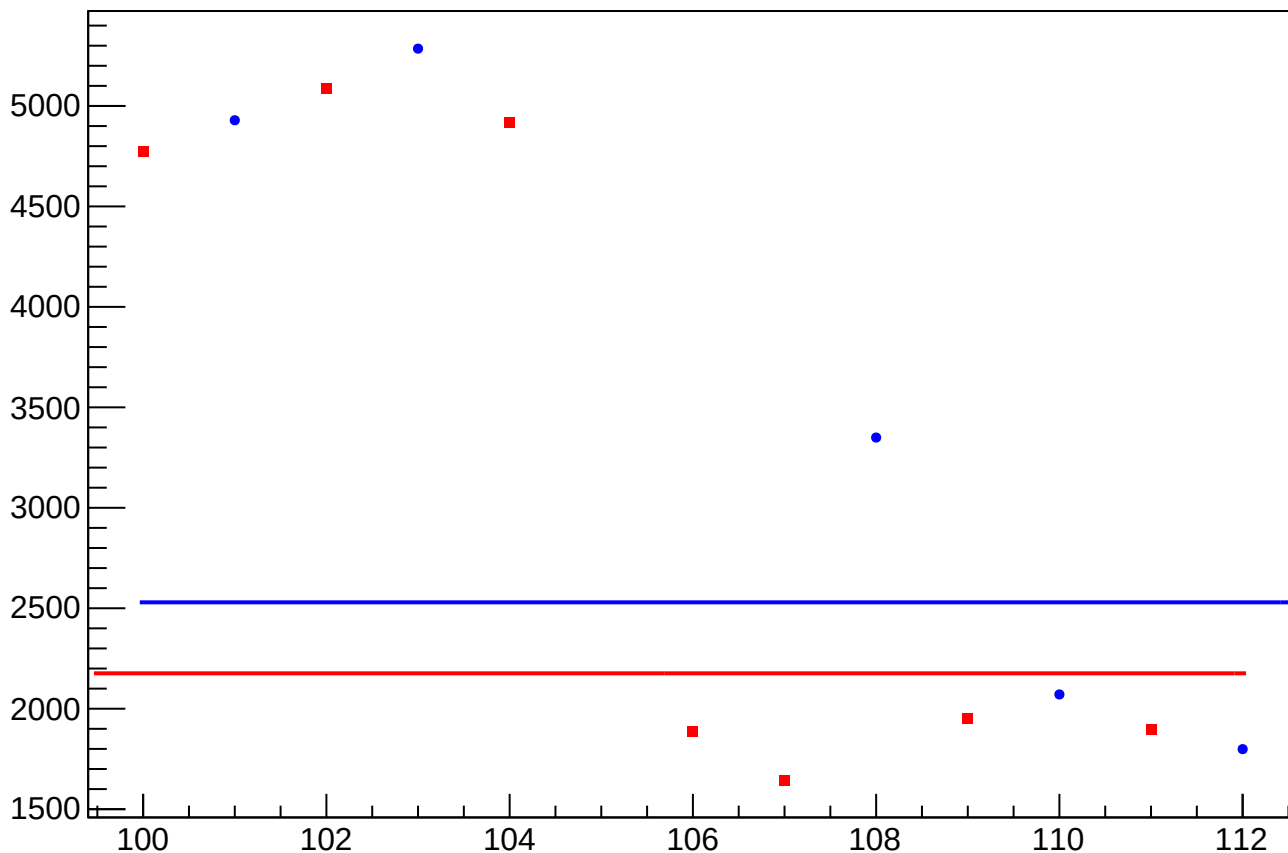
Right: -533.881+/-1107.035 χ^2/NDF : 9.4/11

In: 2486.066+/-1752.870 χ^2/NDF : 0.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -533.881+/-1107.035 χ^2/NDF : 9.4/11

asym_atl_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2529.504+/-1.239 χ^2/NDF : 887037.0/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2176.179+/-1.010 χ^2/NDF : 884735.9/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

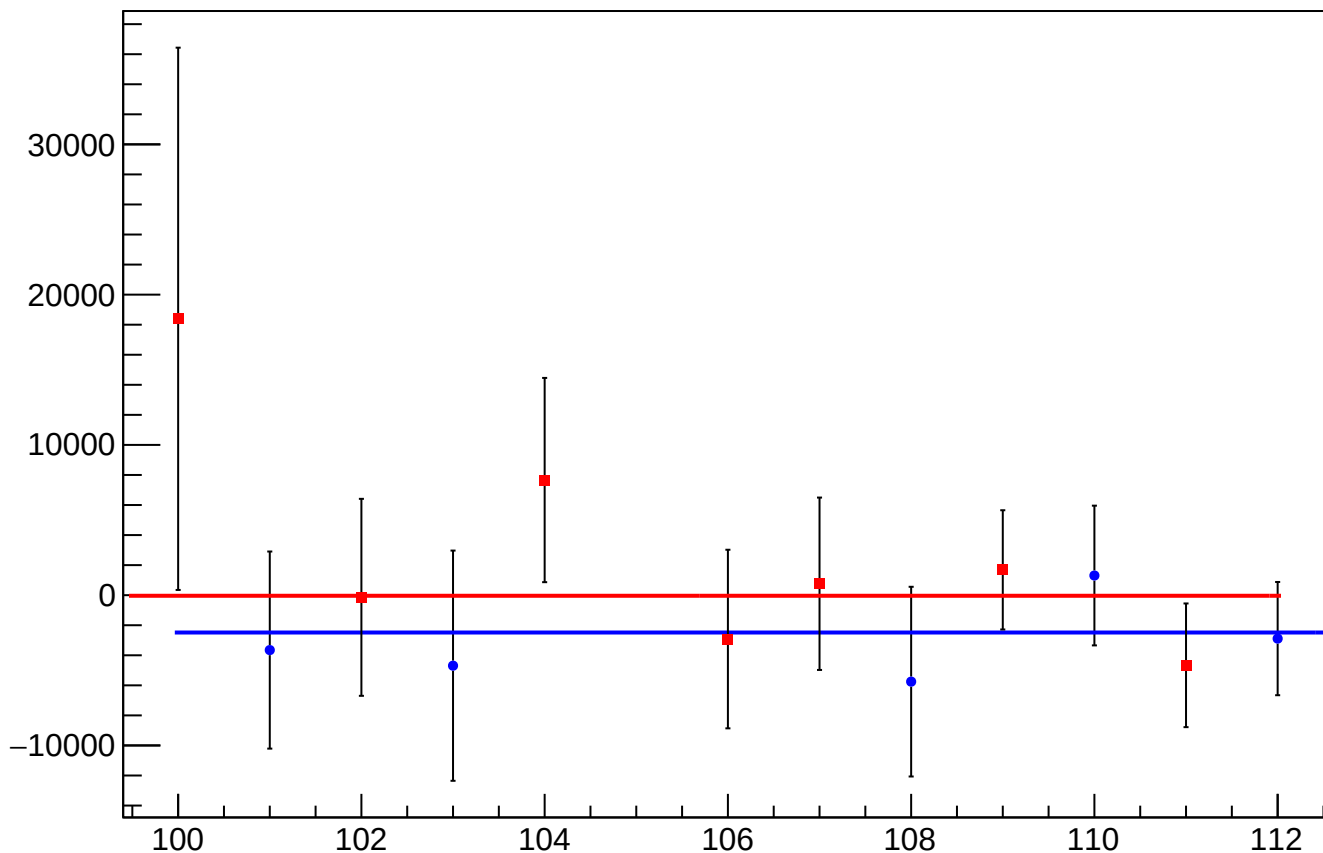
Right: 2317.107+/-0.783 χ^2/NDF : 1820621.7/11

In: 2529.504+/-1.239 χ^2/NDF :887037.0/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2317.107+/-0.783 χ^2/NDF : 1820621.7/11

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -2484.213+/-2343.504 χ^2/NDF : 1.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -39.241+/-2088.344 χ^2/NDF : 4.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

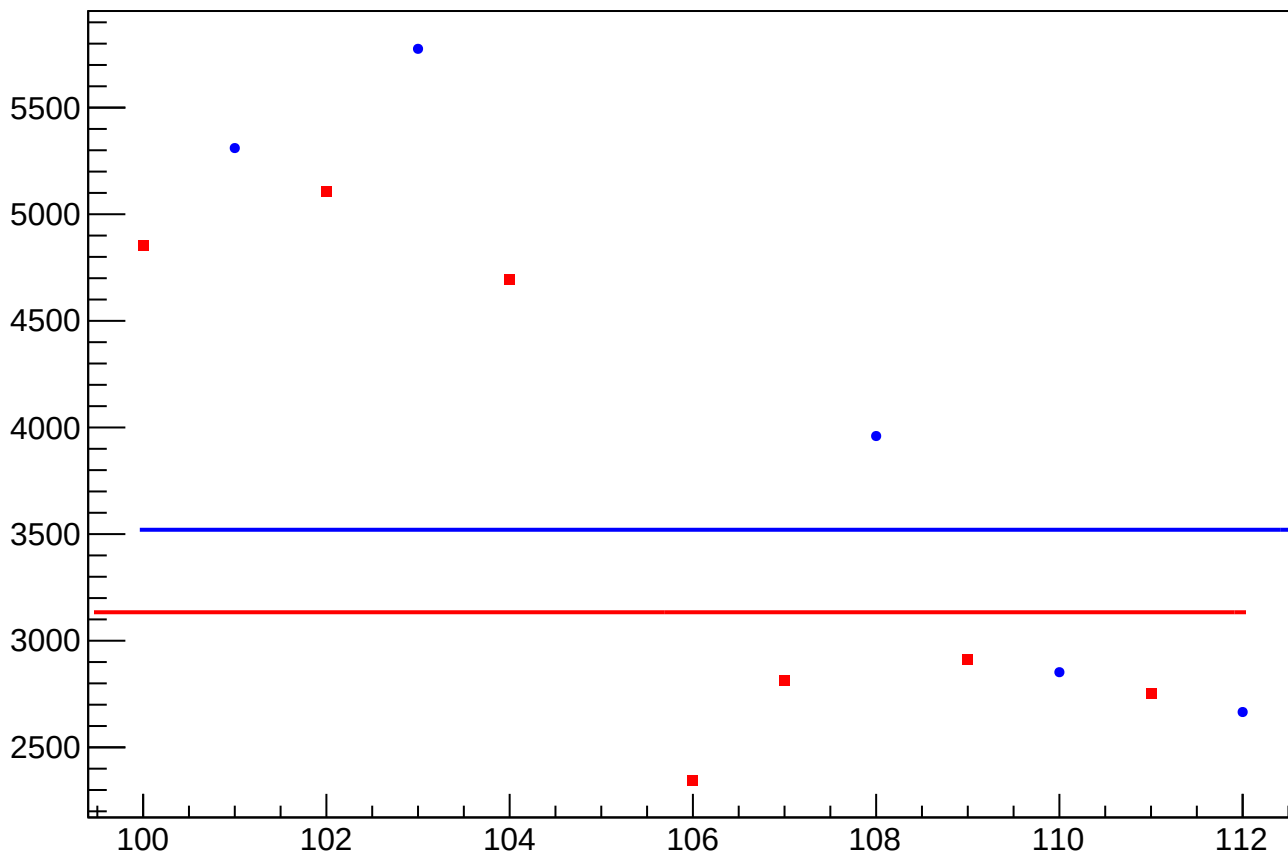
Right: -1121.425+/-1559.119 χ^2/NDF : 5.7/11

In: -2484.213+/-2343.504 χ^2/NDF : 1.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1121.425+/-1559.119 χ^2/NDF : 5.7/11

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3520.320+/-1.657 χ^2/NDF : 476265.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3133.513+/-1.414 χ^2/NDF : 395610.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

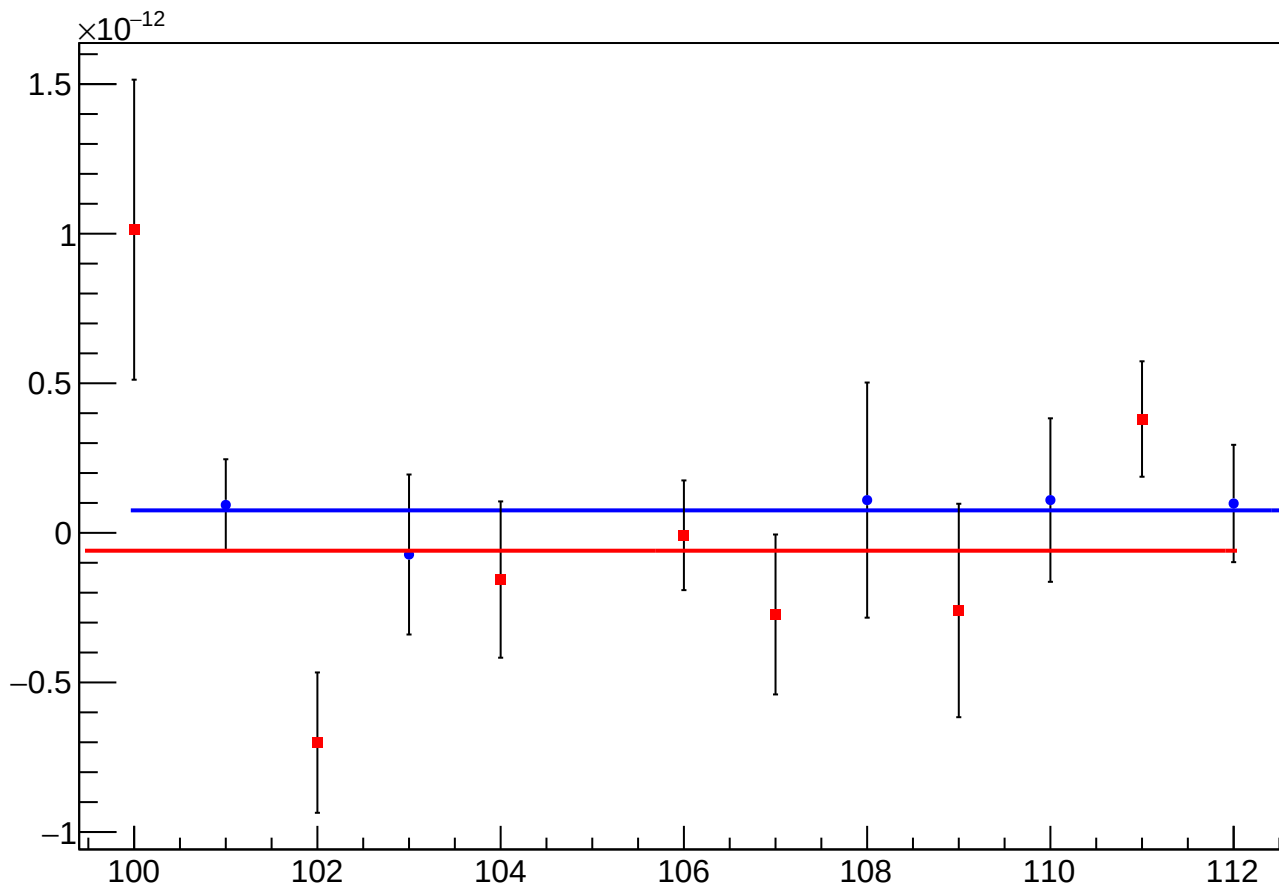
Right: 3296.519+/-1.076 χ^2/NDF : 903401.8/11

In: 3520.320+/-1.657 χ^2/NDF : 476265.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3296.519+/-1.076 χ^2/NDF : 903401.8/11

asym_atl_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

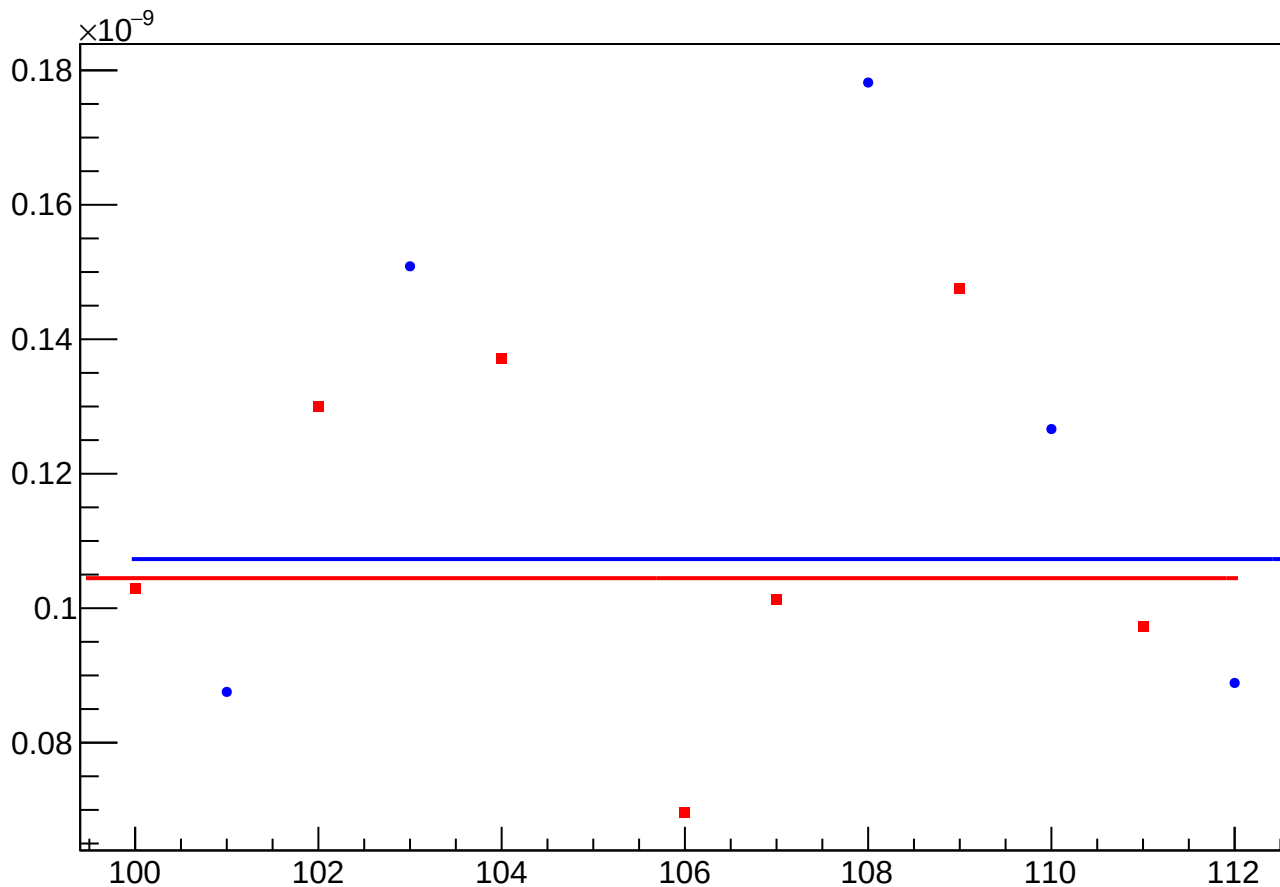
Right: 0.000+/-0.000 χ^2/NDF : 19.8/11

In: 0.000+/-0.000 χ^2/NDF : 0.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.8/11

asym_atl_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 179282.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 159976.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

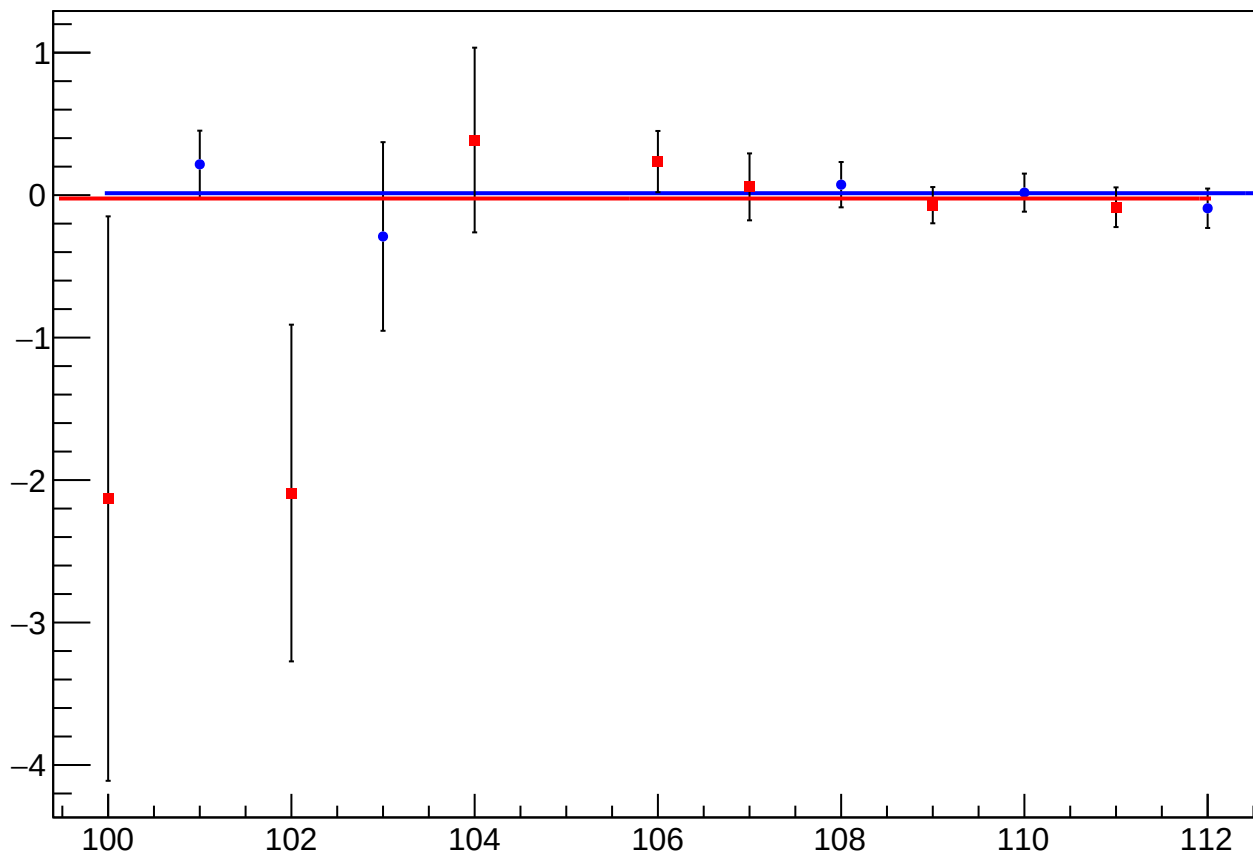
Right: 0.000+/-0.000 χ^2/NDF : 340133.0/11

In: 0.000+/-0.000 χ^2/NDF : 179282.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 340133.0/11

asym_atl_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.077 χ^2 /NDF: 1.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.024 $\pm$ 0.080 χ^2 /NDF: 6.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

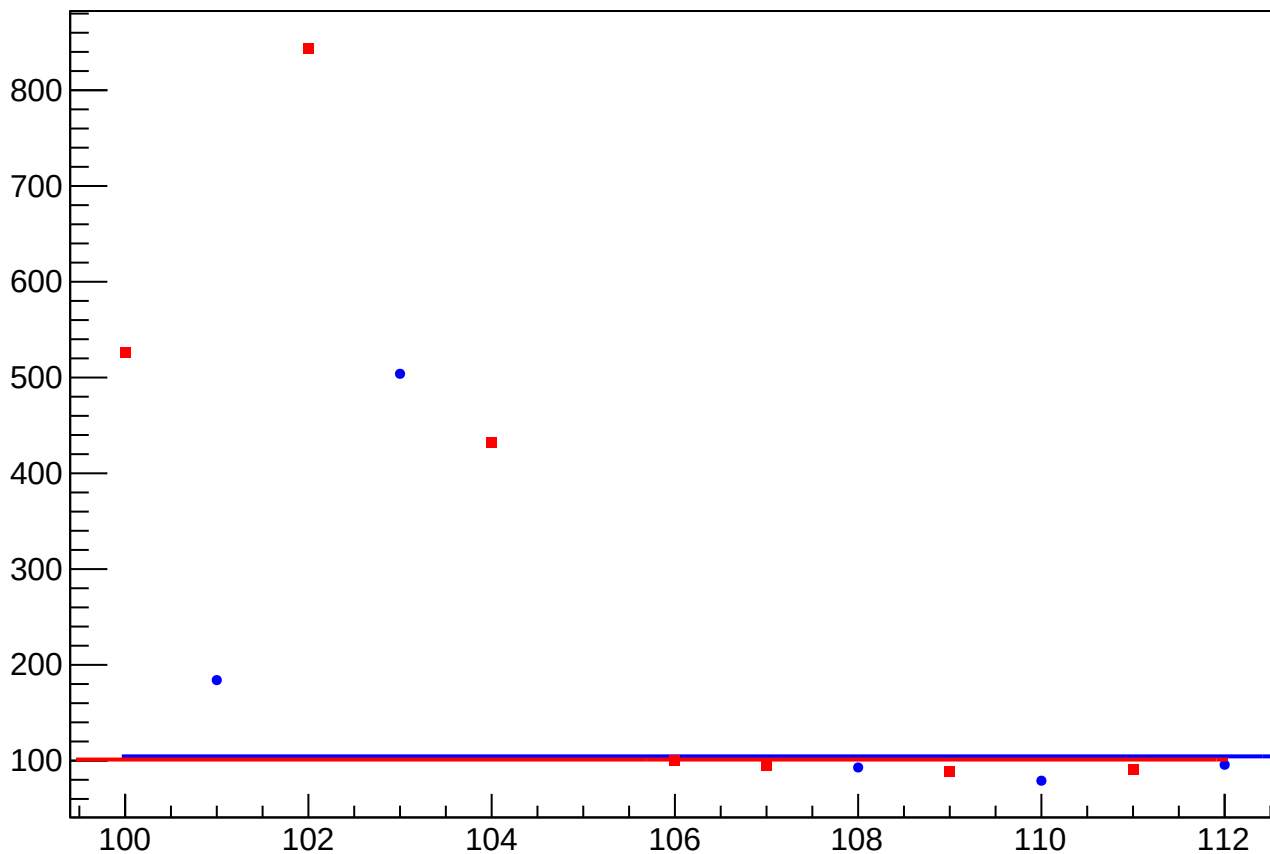
Right: -0.004 $\pm$ 0.056 χ^2 /NDF: 8.3/11

In: 0.013 $\pm$ 0.077 χ^2 /NDF:1.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.056 χ^2 /NDF: 8.3/11

asym_atl_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 104.461+/-0.055 χ^2/NDF : 1046219.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.152+/-0.057 χ^2/NDF : 1434796.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

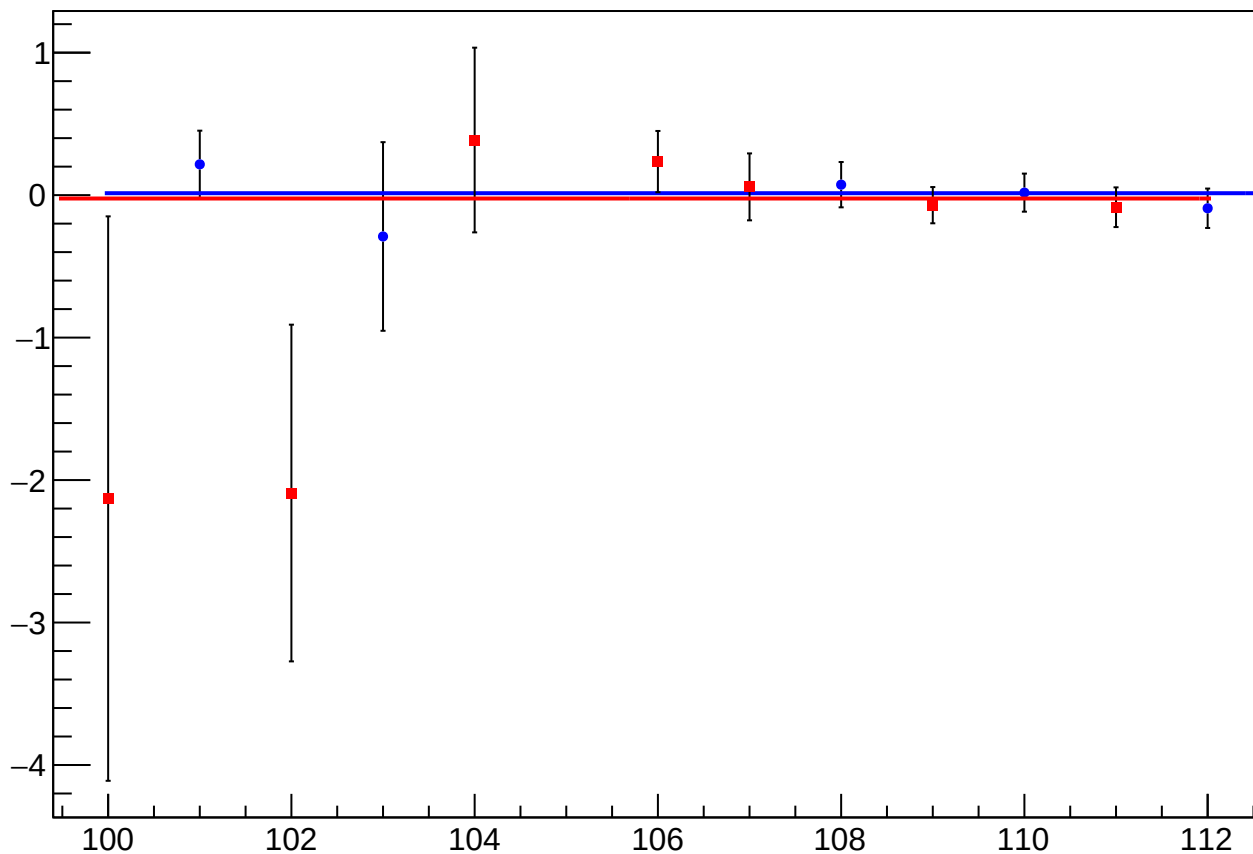
Right: 102.865+/-0.039 χ^2/NDF : 2482789.2/11

In: 104.461+/-0.055 χ^2/NDF : 1046219.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.865+/-0.039 χ^2/NDF : 2482789.2/11

asym_atl_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.077 χ^2/NDF : 1.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.024+/-0.080 χ^2/NDF : 6.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

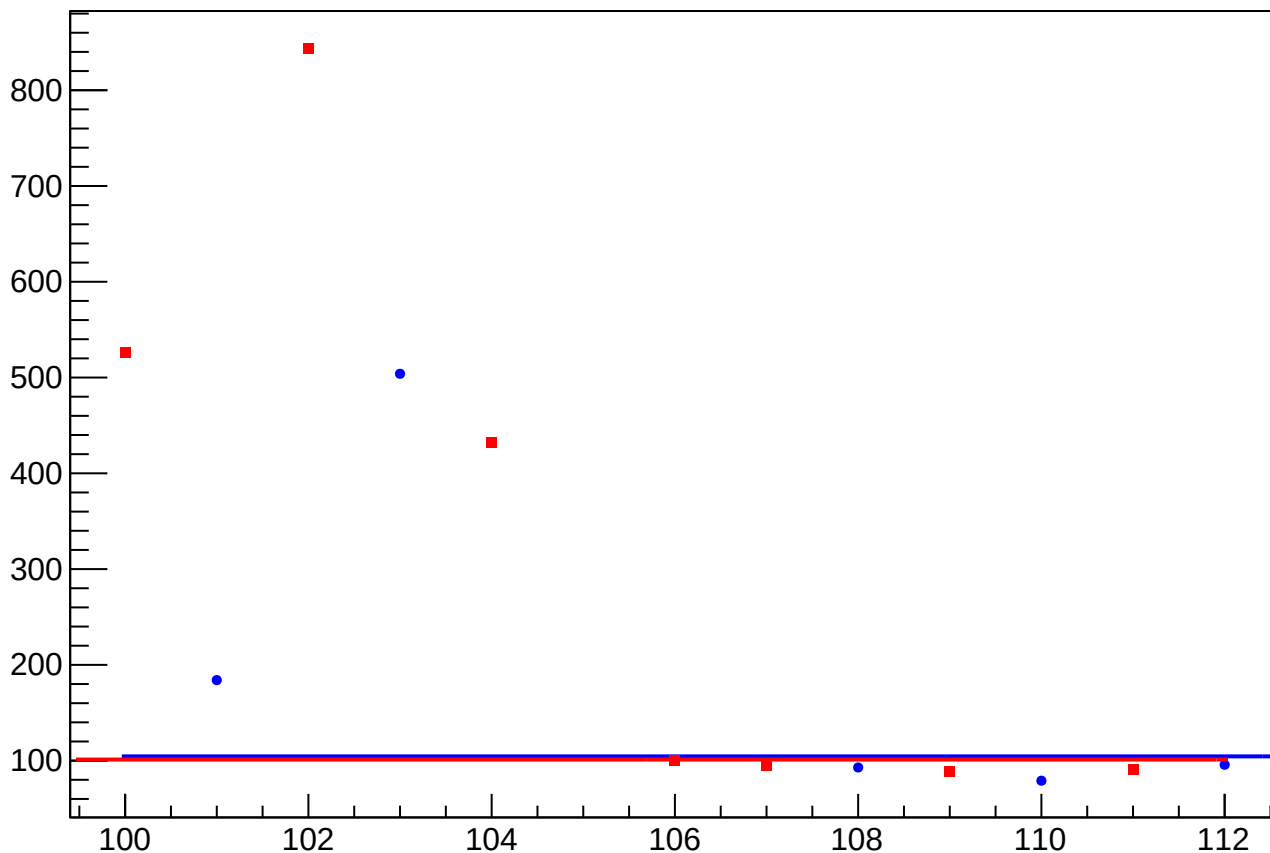
Right: -0.004+/-0.056 χ^2/NDF : 8.3/11

In: 0.013+/-0.077 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.004+/-0.056 χ^2/NDF : 8.3/11

asym_atl_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 104.461+/-0.055 χ^2/NDF : 1046219.8/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 101.152+/-0.057 χ^2/NDF : 1434796.0/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

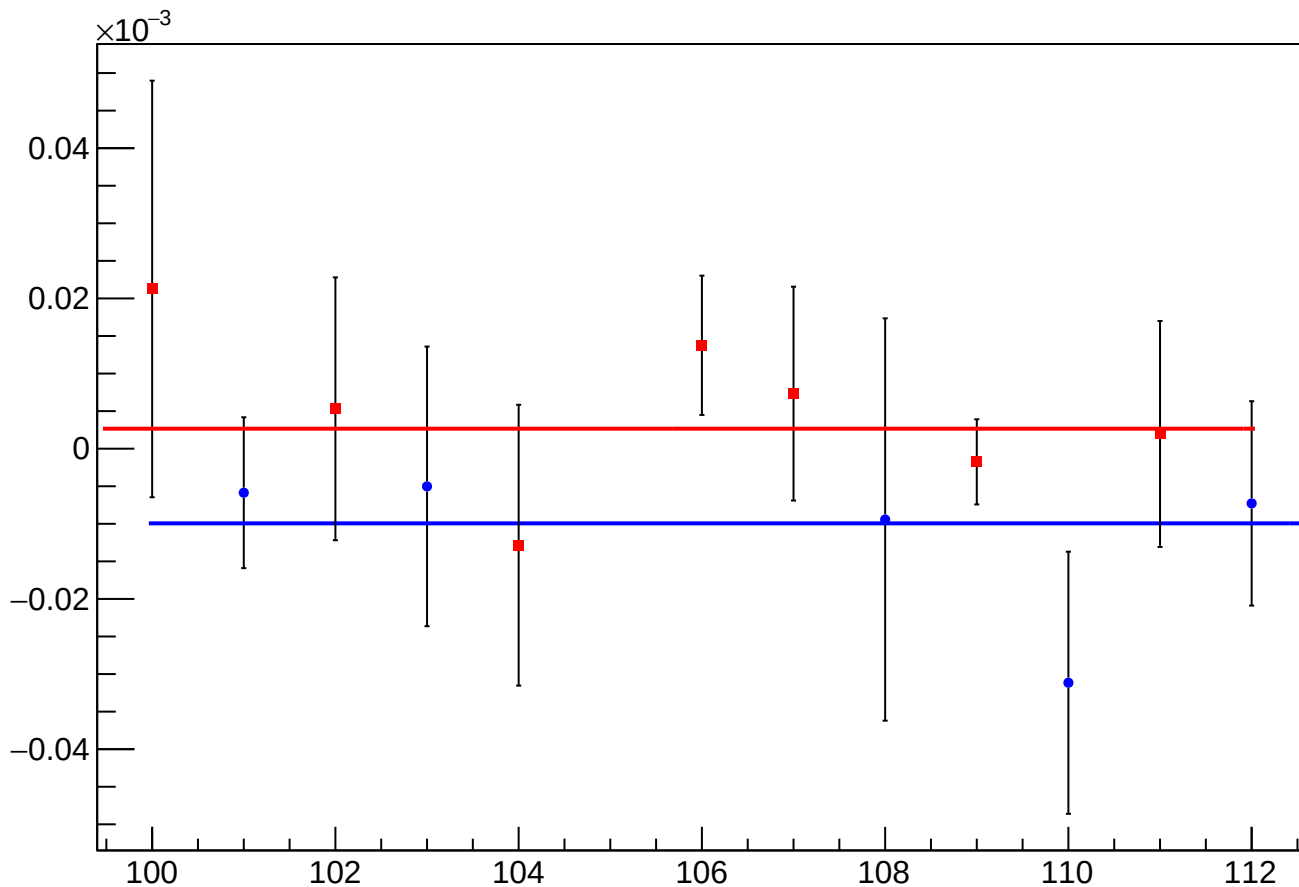
Right: 102.865+/-0.039 χ^2/NDF : 2482789.2/11

In: 104.461+/-0.055 χ^2/NDF :1046219.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 102.865+/-0.039 χ^2/NDF : 2482789.2/11

asym_atl_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

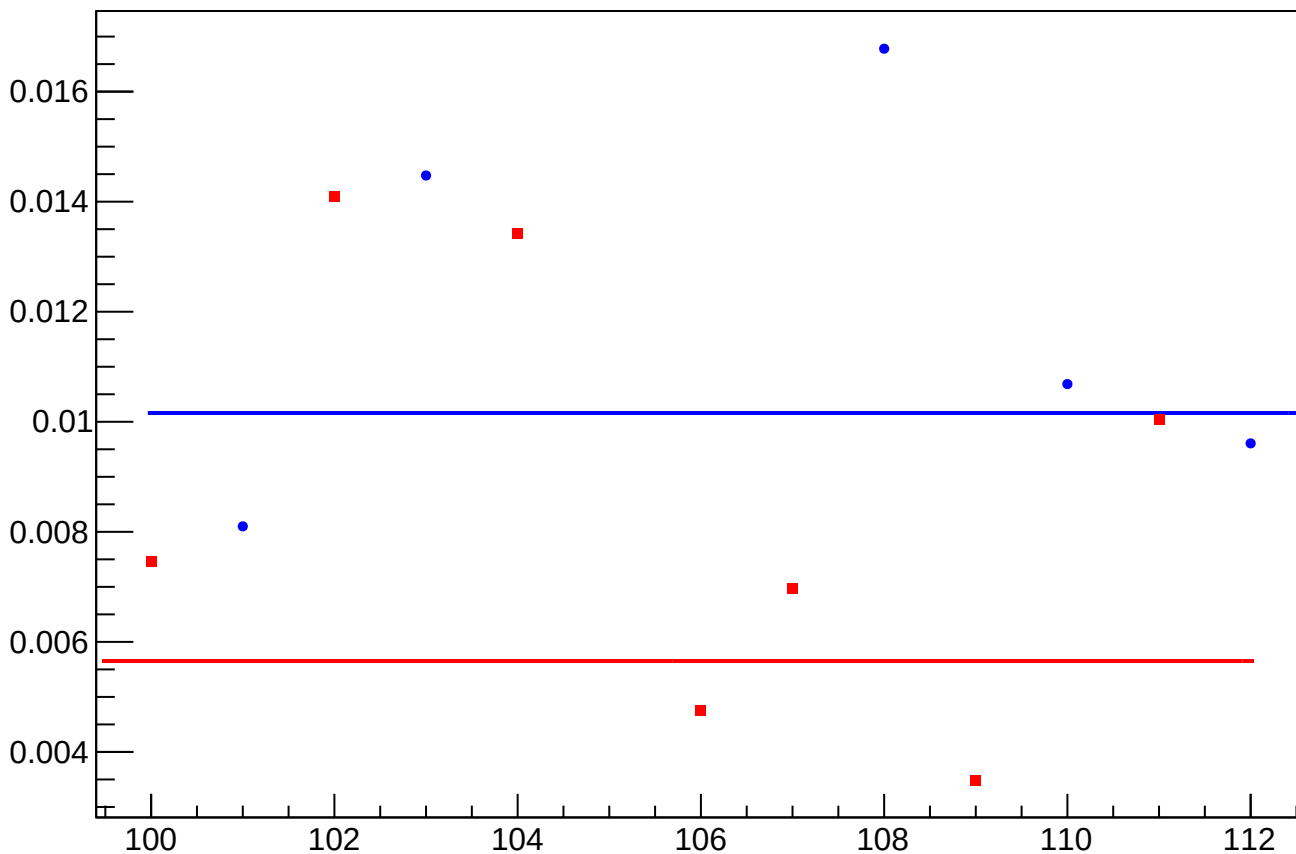
Right: -0.000+/-0.000 χ^2/NDF : 7.7/11

In: -0.000+/-0.000 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.7/11

asym_atl_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 319074.0/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1321010.7/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

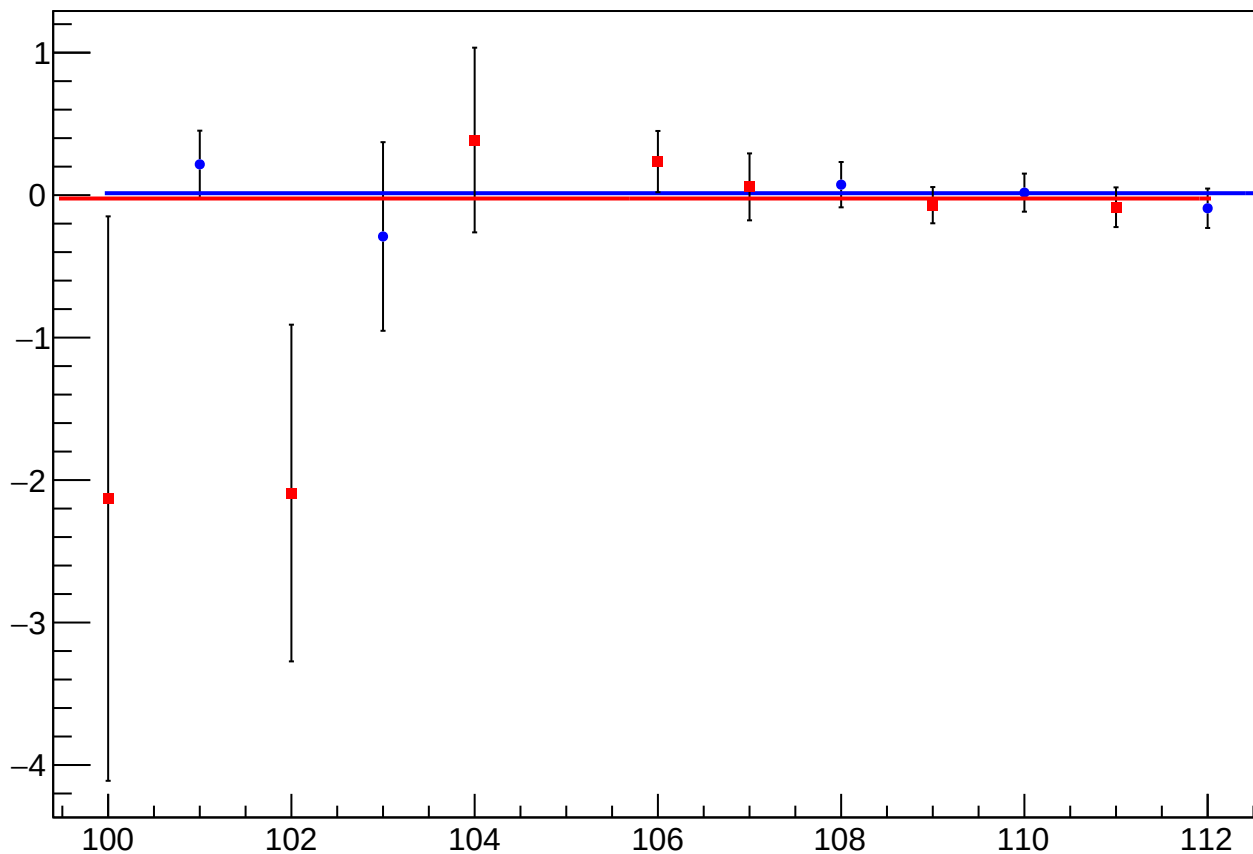
Right: 0.007+/-0.000 χ^2/NDF : 2312004.6/11

In: 0.010+/-0.000 χ^2/NDF :319074.0/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 2312004.6/11

asym_atl_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.077 χ^2 /NDF: 1.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.024 $\pm$ 0.080 χ^2 /NDF: 6.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

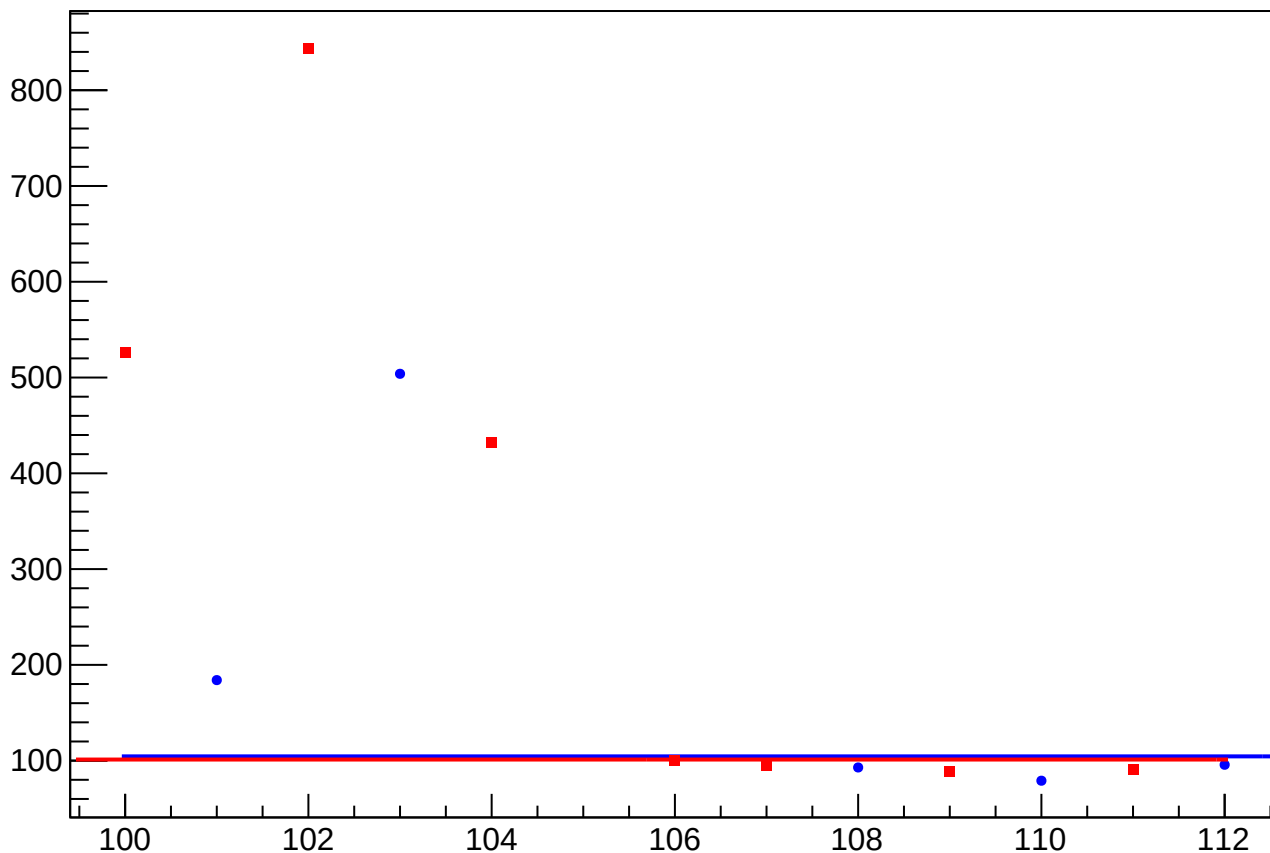
Right: -0.004 $\pm$ 0.056 χ^2 /NDF: 8.3/11

In: 0.014 $\pm$ 0.077 χ^2 /NDF:1.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.056 χ^2 /NDF: 8.3/11

asym_atl_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 104.465+/-0.055 χ^2/NDF : 1046168.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.155+/-0.057 χ^2/NDF : 1434771.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

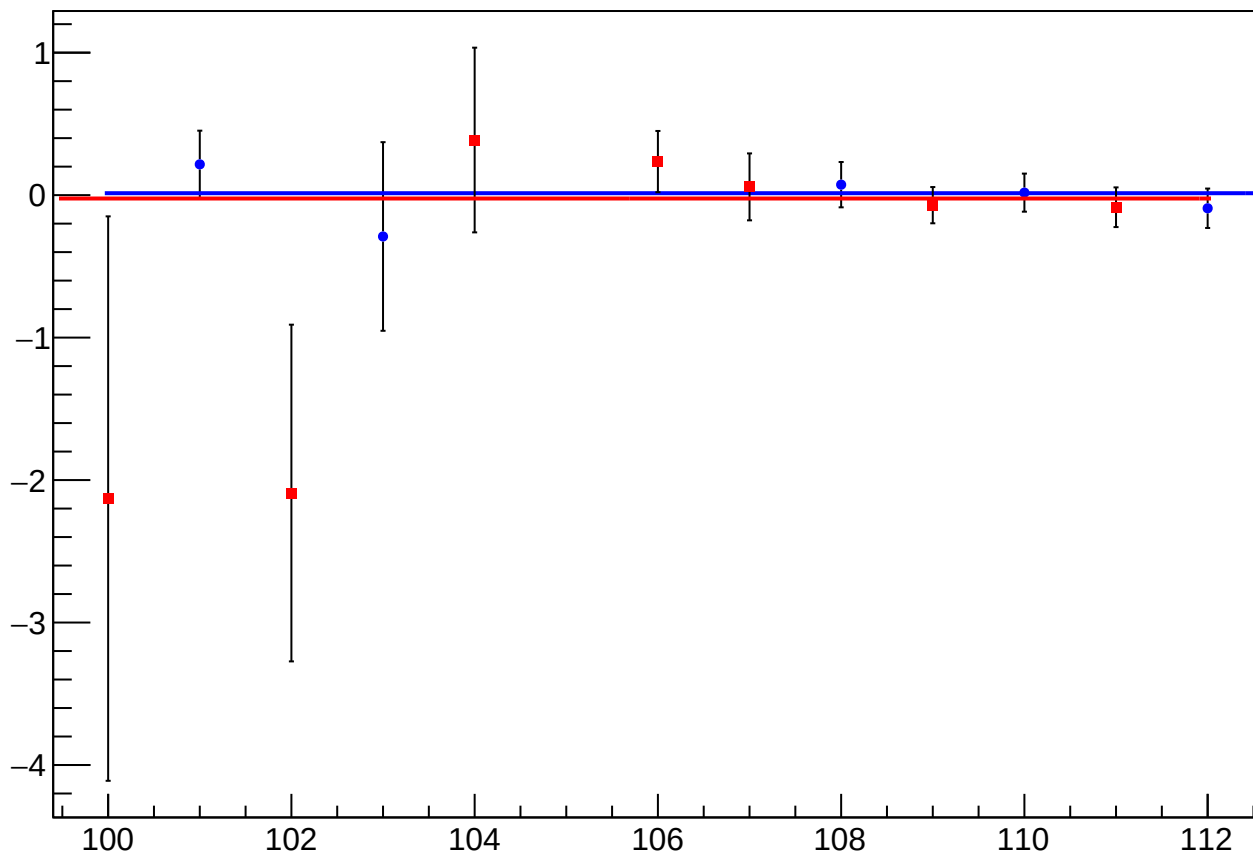
Right: 102.869+/-0.039 χ^2/NDF : 2482714.0/11

In: 104.465+/-0.055 χ^2/NDF : 1046168.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.869+/-0.039 χ^2/NDF : 2482714.0/11

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.077 χ^2 /NDF: 1.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.024 $\pm$ 0.080 χ^2 /NDF: 6.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

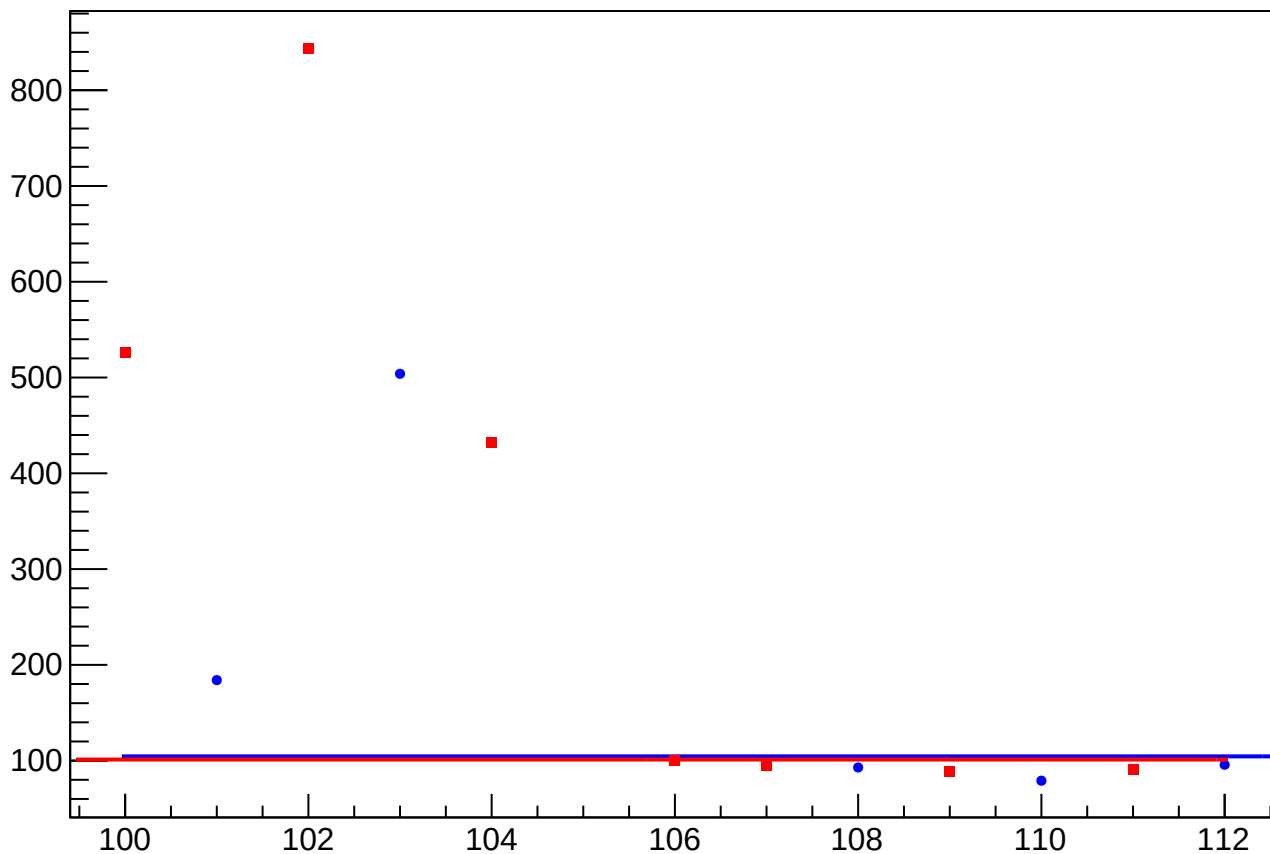
Right: -0.004 $\pm$ 0.056 χ^2 /NDF: 8.3/11

In: 0.014 $\pm$ 0.077 χ^2 /NDF:1.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.056 χ^2 /NDF: 8.3/11

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 104.465+/-0.055 χ^2/NDF : 1046168.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.155+/-0.057 χ^2/NDF : 1434771.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

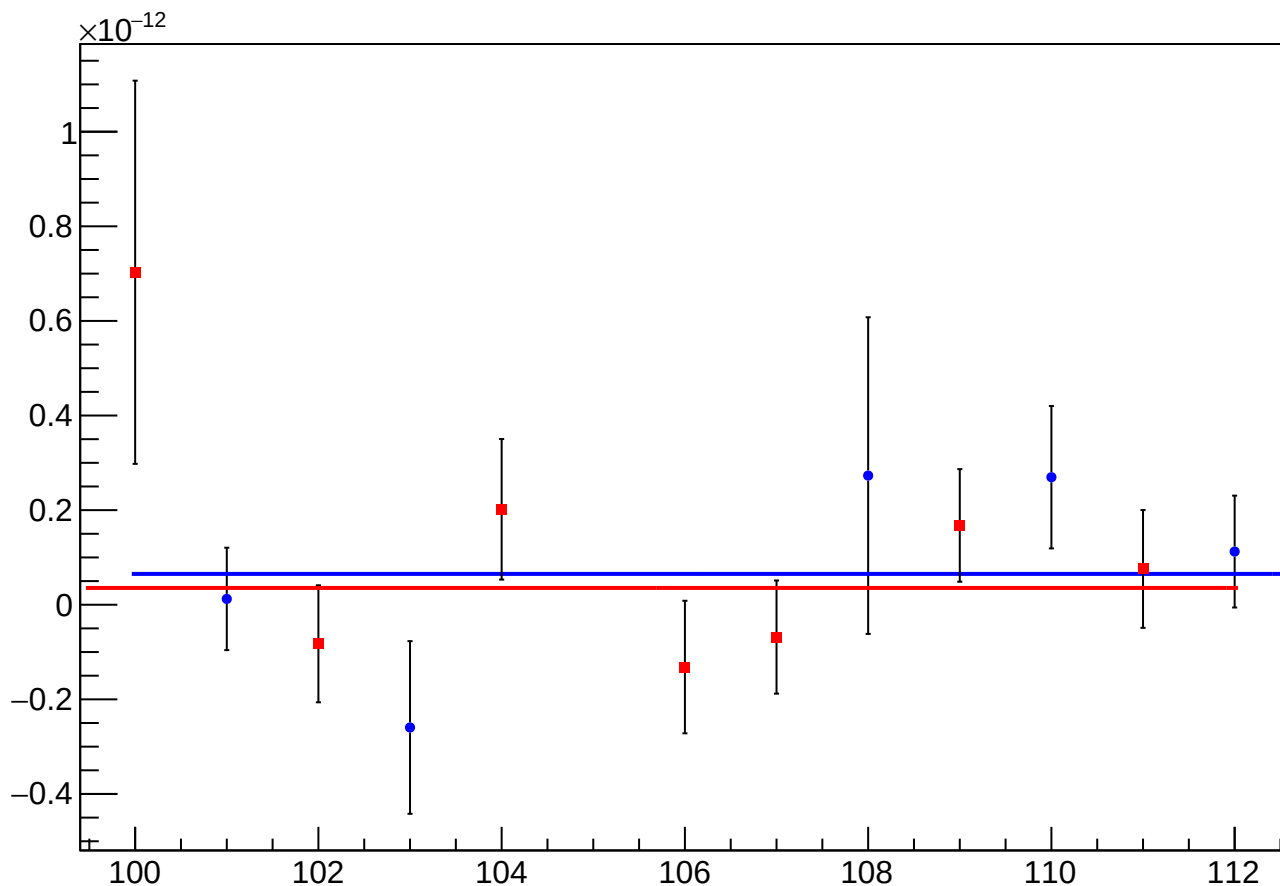
Right: 102.869+/-0.039 χ^2/NDF : 2482714.0/11

In: 104.465+/-0.055 χ^2/NDF : 1046168.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.869+/-0.039 χ^2/NDF : 2482714.0/11

asym_atl_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

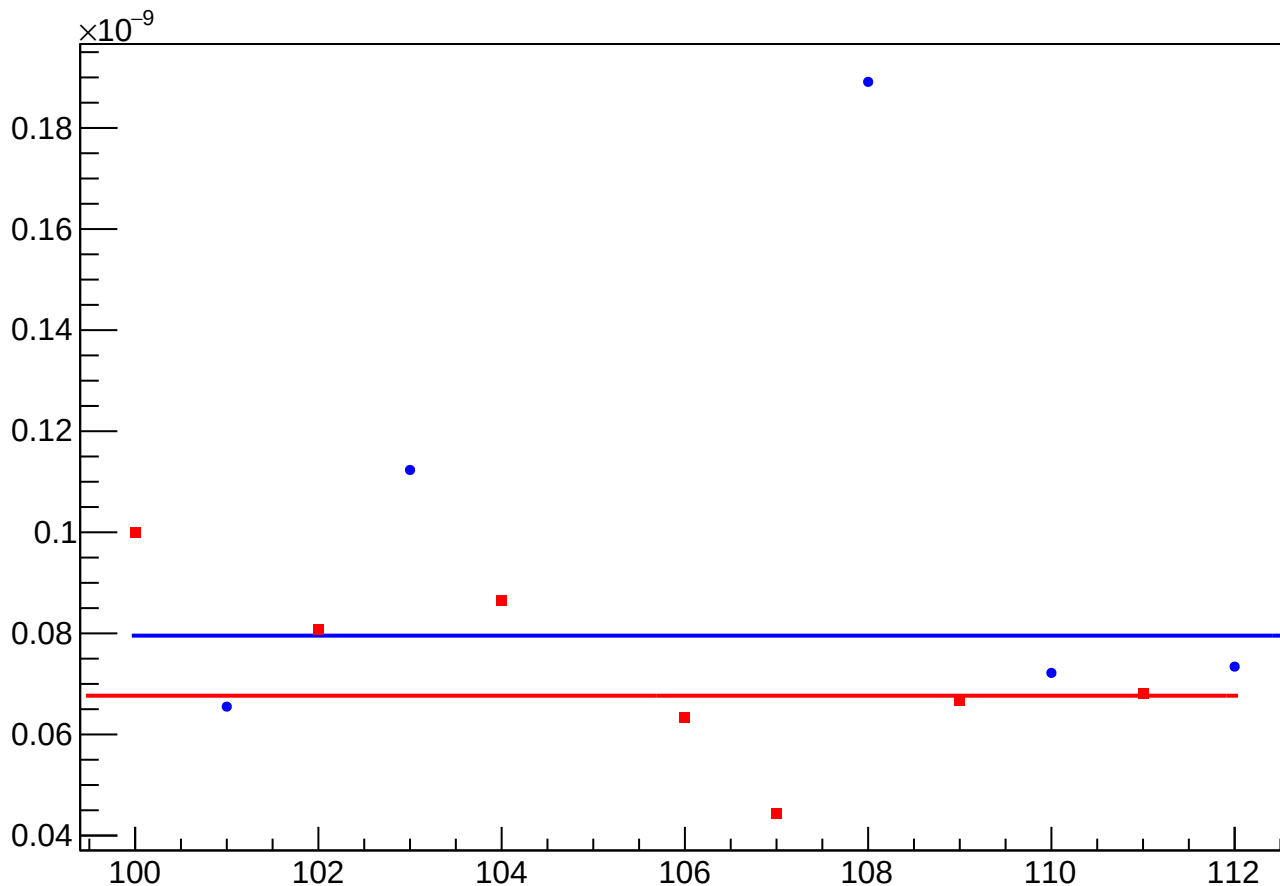
Right: 0.000+/-0.000 χ^2/NDF : 14.3/11

In: 0.000+/-0.000 χ^2/NDF : 5.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.3/11

asym_atl_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 322666.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 144816.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

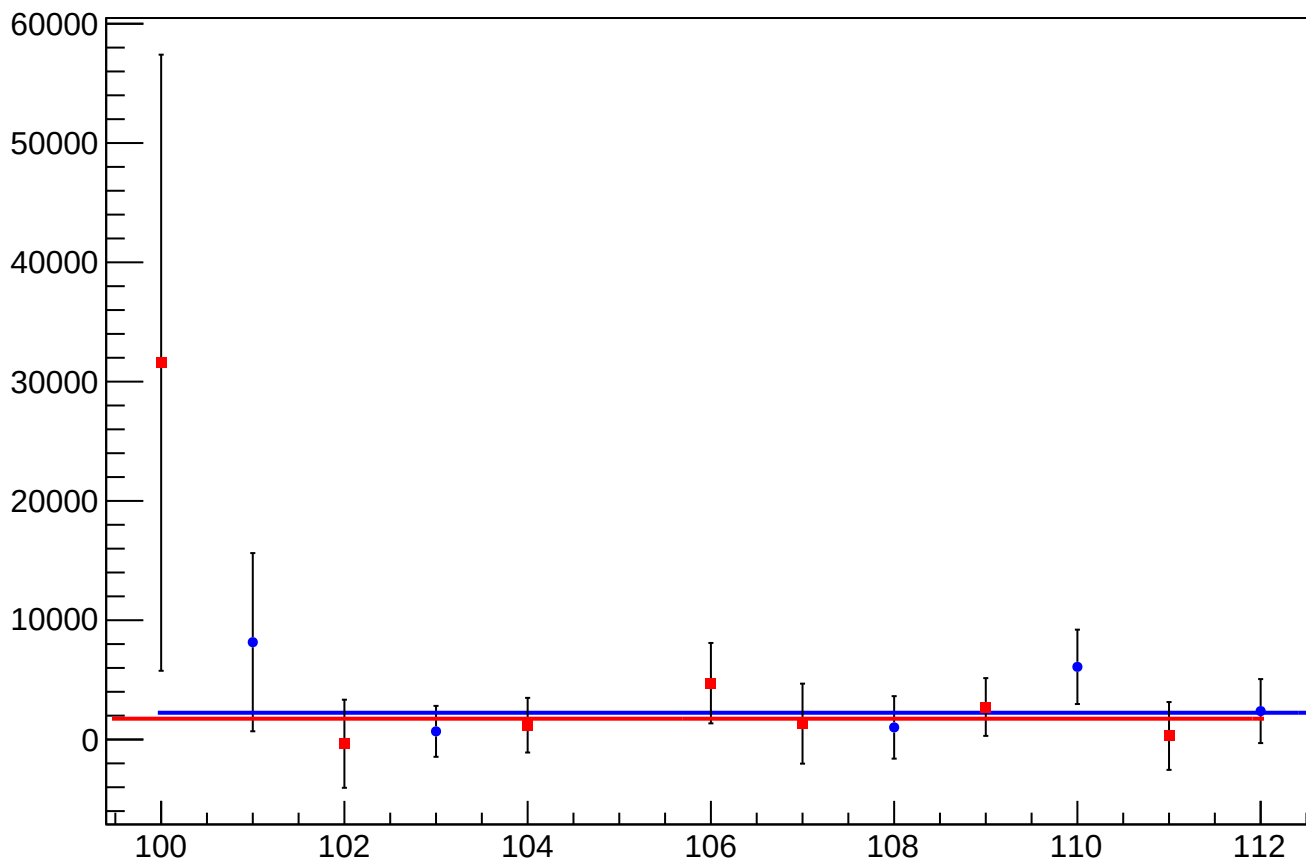
Right: 0.000+/-0.000 χ^2/NDF : 508709.7/11

In: 0.000+/-0.000 χ^2/NDF : 322666.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 508709.7/11

reg_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2243.991+/-1264.829 χ^2/NDF : 2.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1745.961+/-1165.081 χ^2/NDF : 2.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

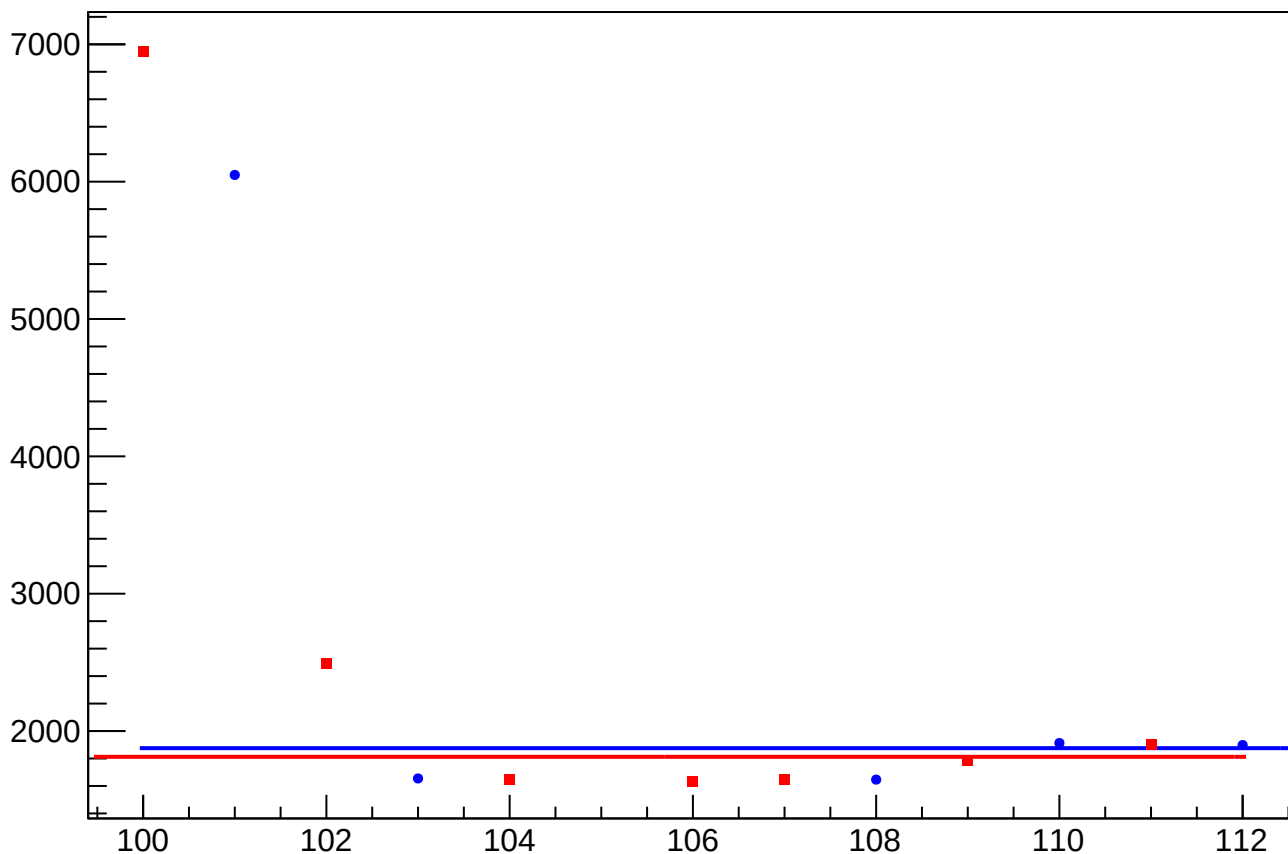
Right: 1974.567+/-856.934 χ^2/NDF : 5.9/11

In: 2243.991+/-1264.829 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1974.567+/-856.934 χ^2/NDF : 5.9/11

reg_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1875.362+/-0.894 χ^2/NDF : 661608.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1812.346+/-0.816 χ^2/NDF : 170206.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

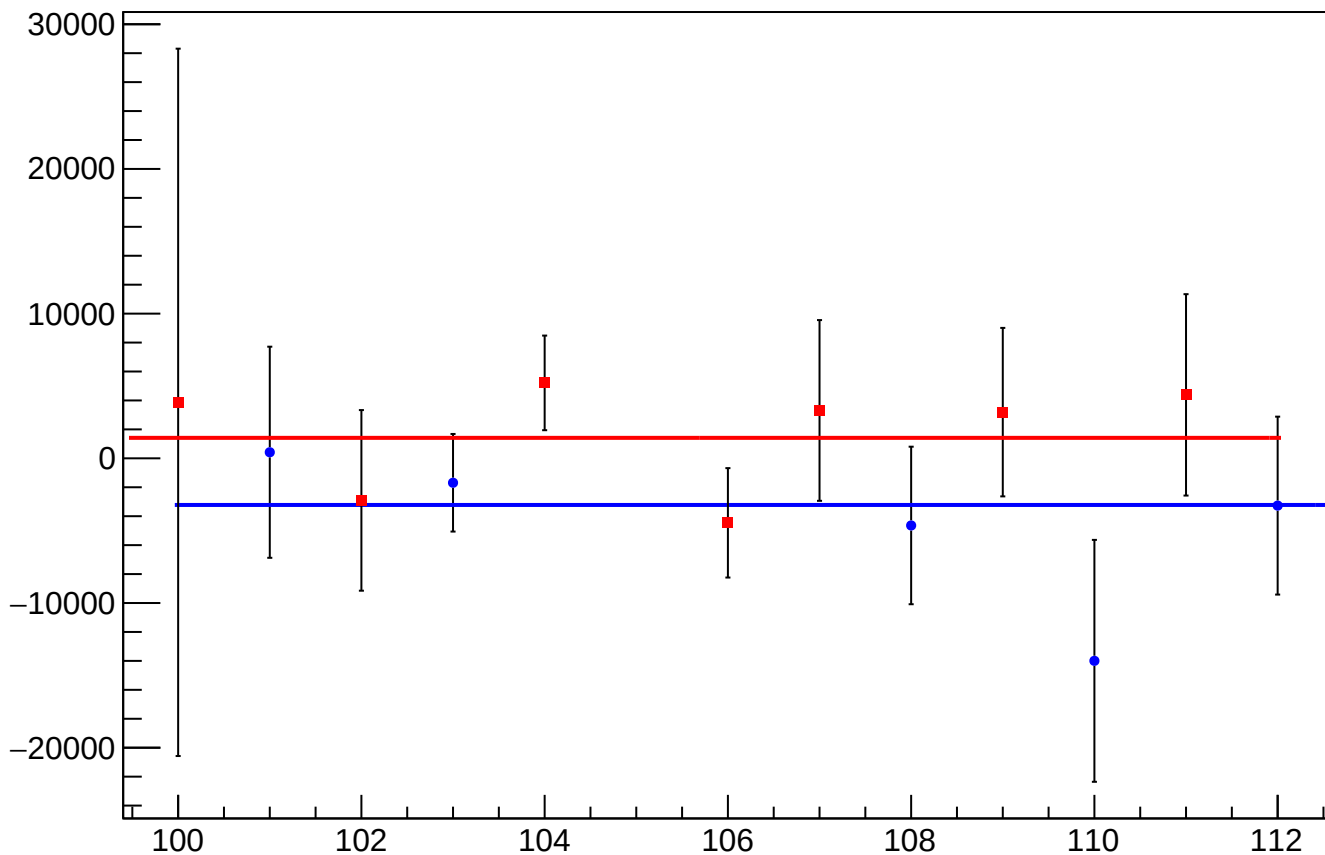
Right: 1840.982+/-0.603 χ^2/NDF : 834523.1/11

In: 1875.362+/-0.894 χ^2/NDF : 661608.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1840.982+/-0.603 χ^2/NDF : 834523.1/11

asym_atr_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -3222.884 $\pm$ 2349.178 χ^2 /NDF: 2.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1414.883 $\pm$ 1936.712 χ^2 /NDF: 4.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

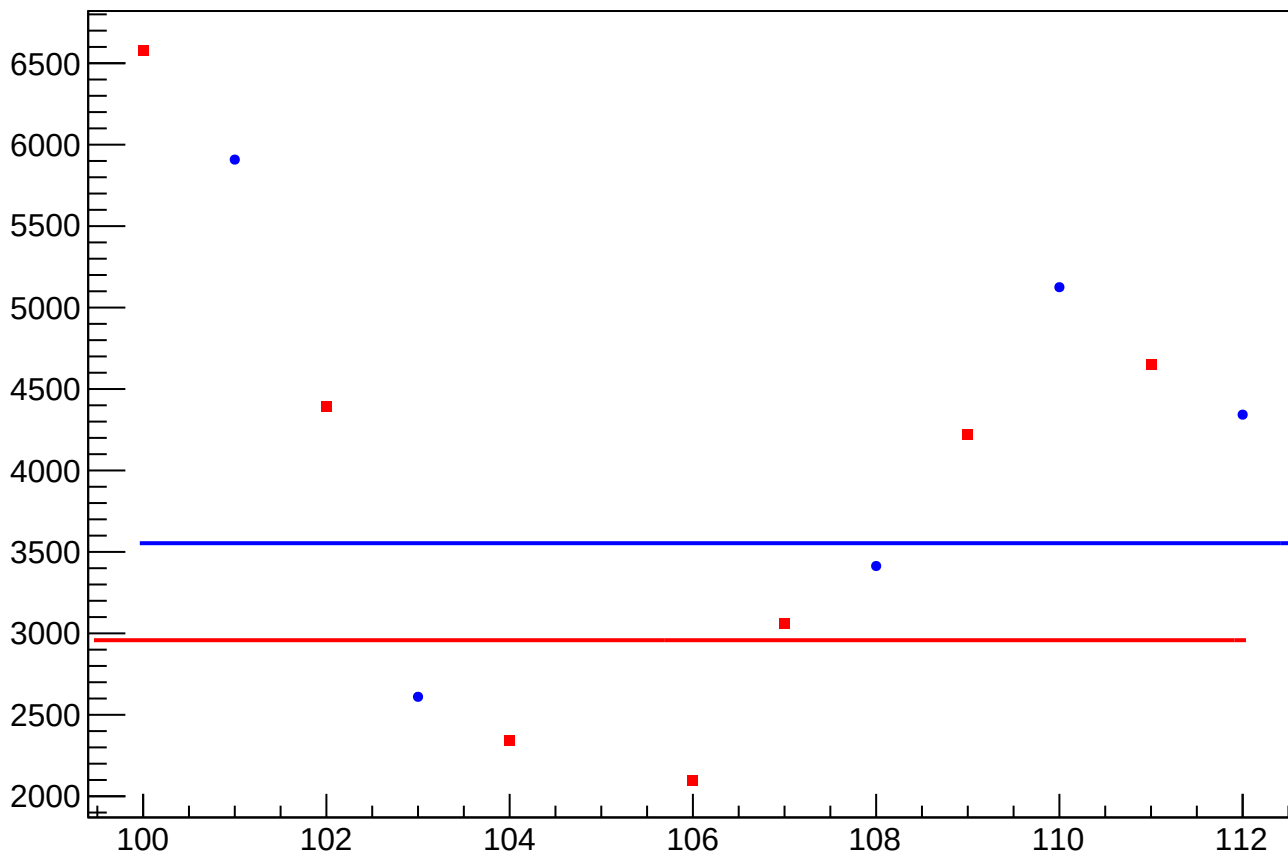
Right: -461.767 $\pm$ 1494.352 χ^2 /NDF: 9.1/11

In: -3222.884 $\pm$ 2349.178 χ^2 /NDF: 2.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -461.767 $\pm$ 1494.352 χ^2 /NDF: 9.1/11

asym_atr_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3553.519+/-1.661 χ^2/NDF : 469642.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2958.074+/-1.369 χ^2/NDF : 537168.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

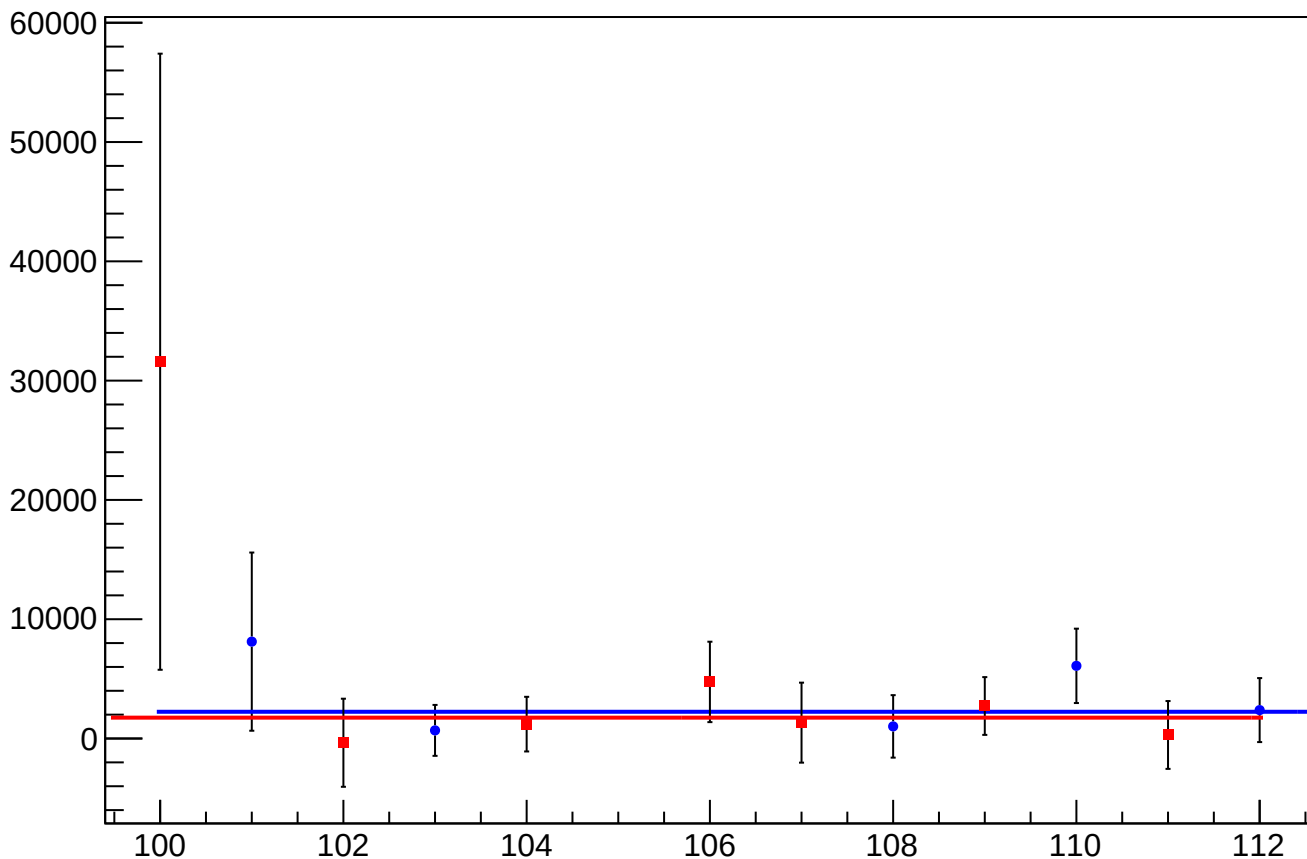
Right: 3199.018+/-1.057 χ^2/NDF : 1083309.9/11

In: 3553.519+/-1.661 χ^2/NDF : 469642.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3199.018+/-1.057 χ^2/NDF : 1083309.9/11

cor_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2241.893+/-1264.830 χ^2/NDF : 2.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1749.378+/-1165.100 χ^2/NDF : 2.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

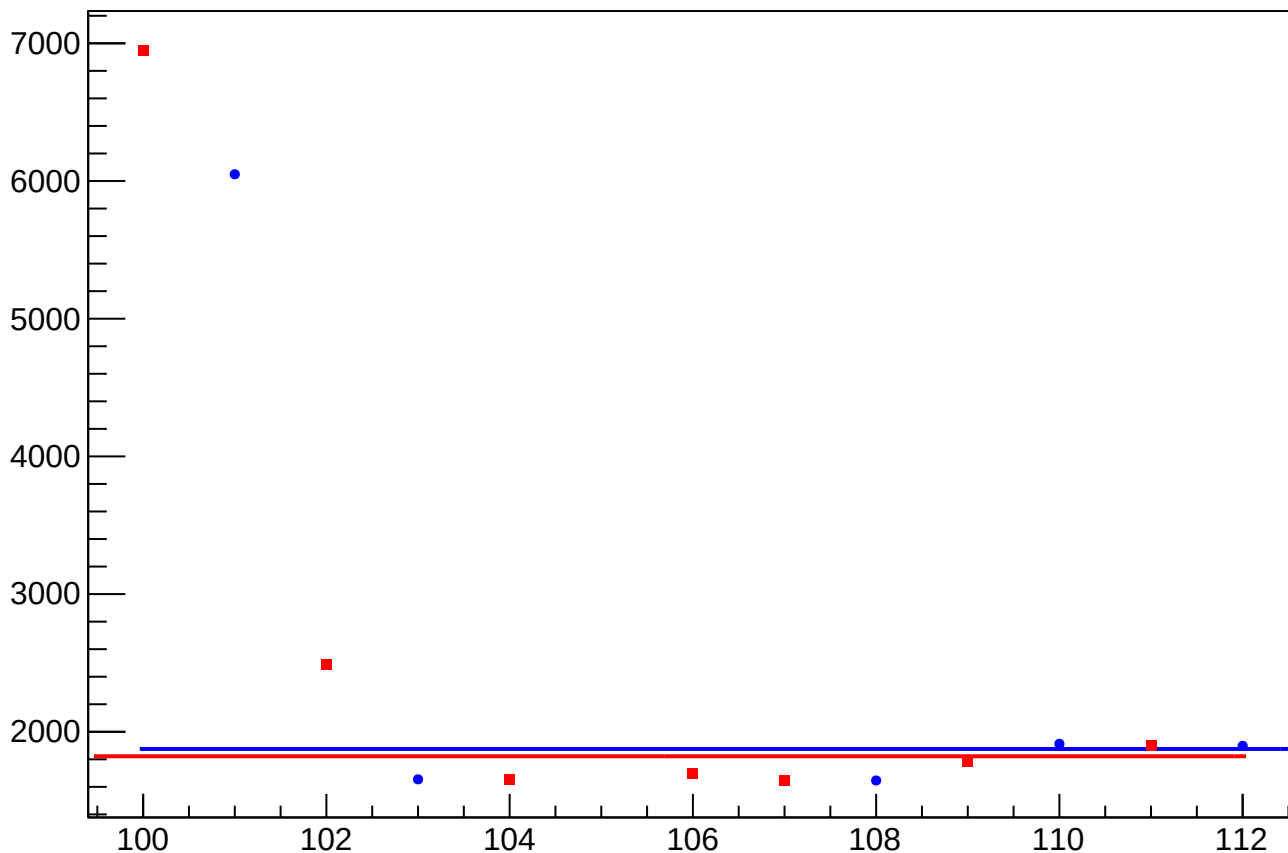
Right: 1975.456+/-856.941 χ^2/NDF : 5.9/11

In: 2241.893+/-1264.830 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1975.456+/-856.941 χ^2/NDF : 5.9/11

cor_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1875.363+/-0.894 χ^2/NDF : 661607.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1822.198+/-0.820 χ^2/NDF : 166040.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

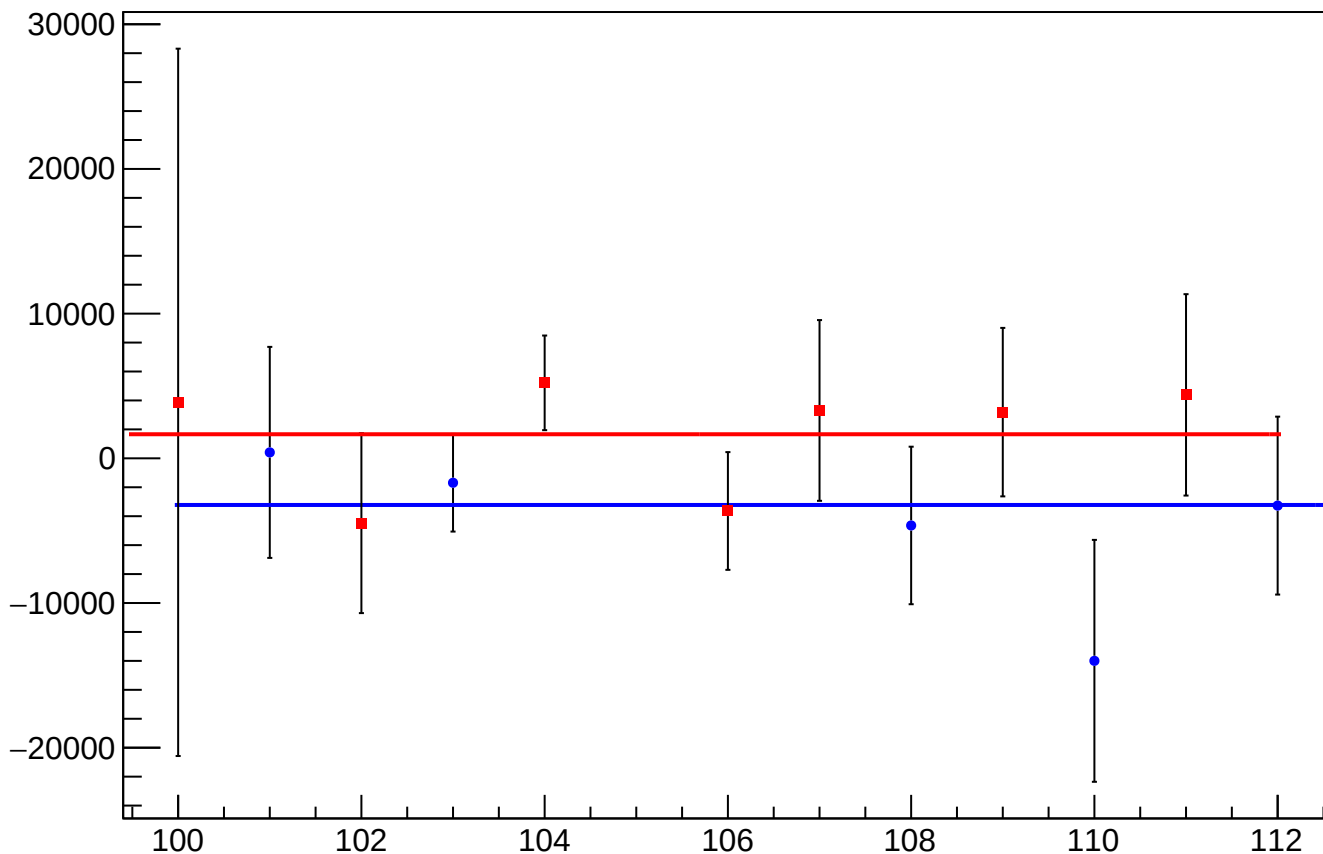
Right: 1846.490+/-0.605 χ^2/NDF : 829566.7/11

In: 1875.363+/-0.894 χ^2/NDF : 661607.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1846.490+/-0.605 χ^2/NDF : 829566.7/11

asym_atr_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -3223.776 $\pm$ 2349.185 χ^2 /NDF: 2.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1663.870 $\pm$ 1971.526 χ^2 /NDF: 4.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

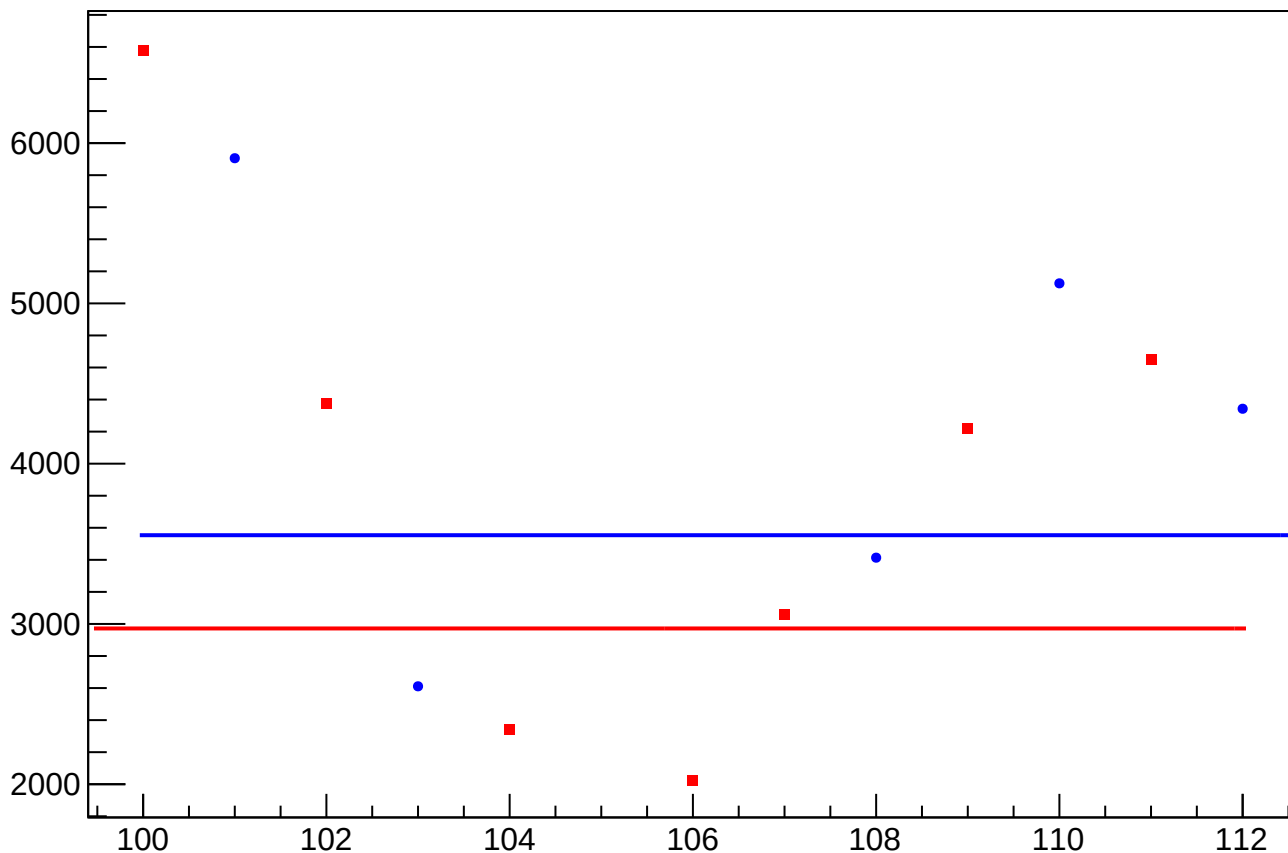
Right: -355.979 $\pm$ 1510.173 χ^2 /NDF: 8.9/11

In: -3223.776 $\pm$ 2349.185 χ^2 /NDF: 2.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -355.979 $\pm$ 1510.173 χ^2 /NDF: 8.9/11

asym_atr_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3553.717+/-1.661 χ^2/NDF : 469220.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2971.866+/-1.394 χ^2/NDF : 536504.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

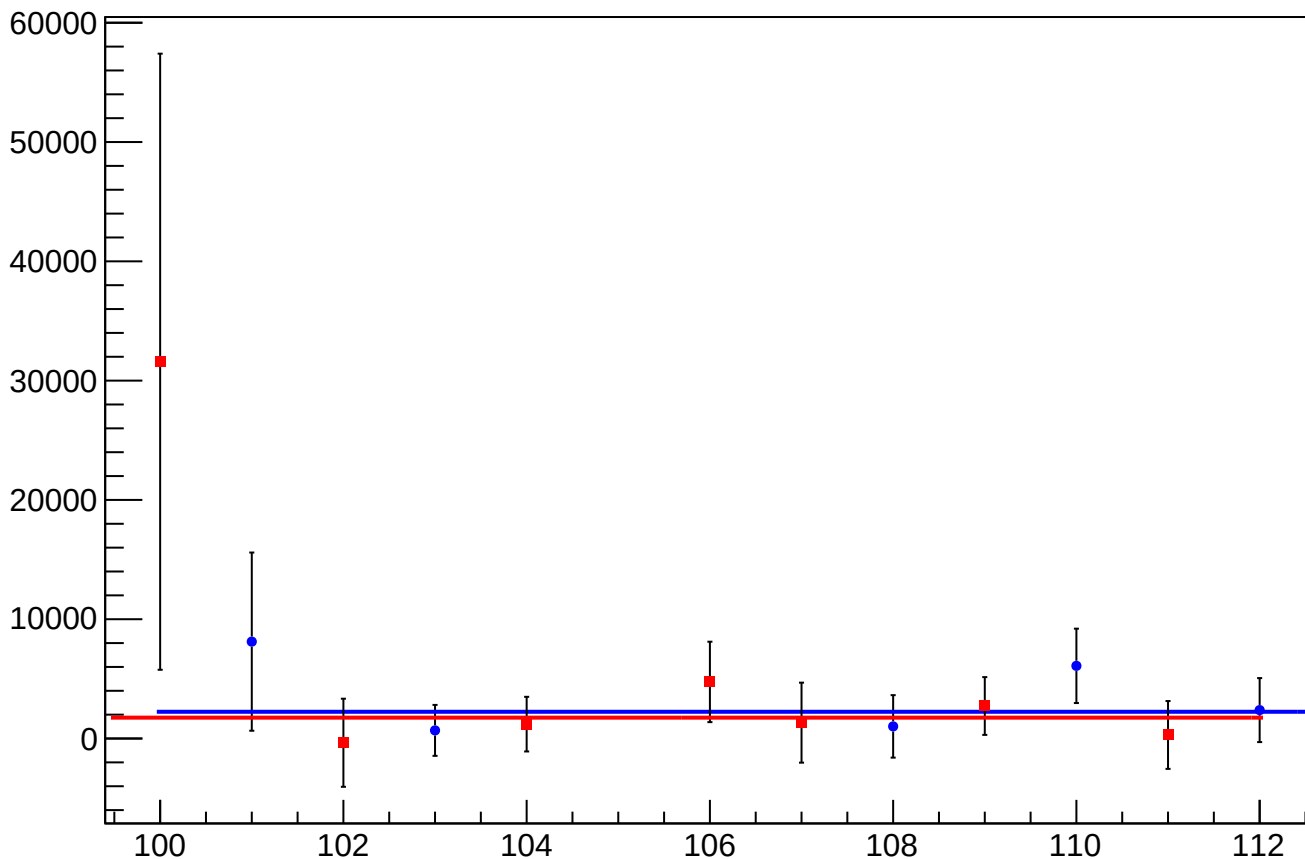
Right: 3212.319+/-1.068 χ^2/NDF : 1077714.2/11

In: 3553.717+/-1.661 χ^2/NDF : 469220.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3212.319+/-1.068 χ^2/NDF : 1077714.2/11

eigen_cor_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2241.893+/-1264.830 χ^2/NDF : 2.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1749.378+/-1165.100 χ^2/NDF : 2.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

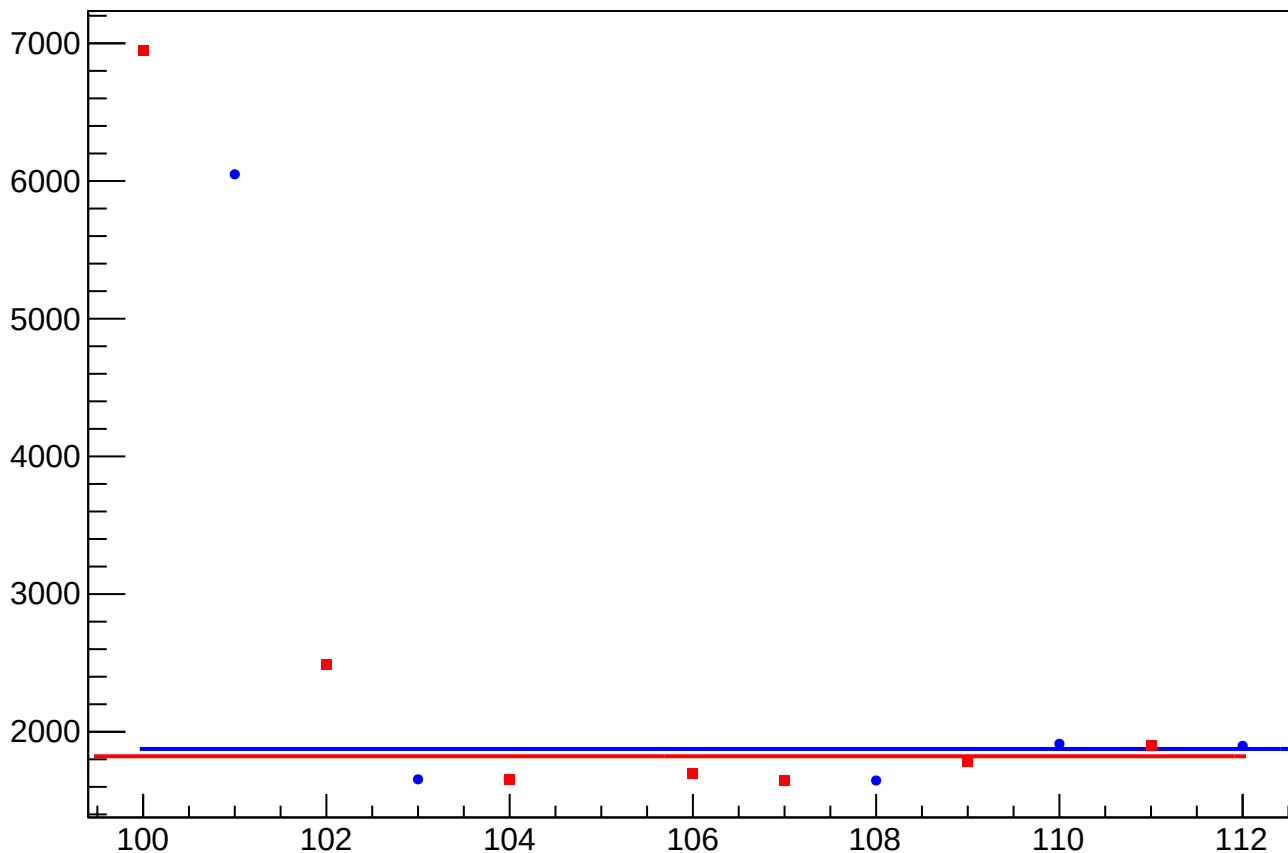
Right: 1975.456+/-856.941 χ^2/NDF : 5.9/11

In: 2241.893+/-1264.830 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1975.456+/-856.941 χ^2/NDF : 5.9/11

eigen_cor_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1875.363+/-0.894 χ^2/NDF : 661607.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1822.198+/-0.820 χ^2/NDF : 166040.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

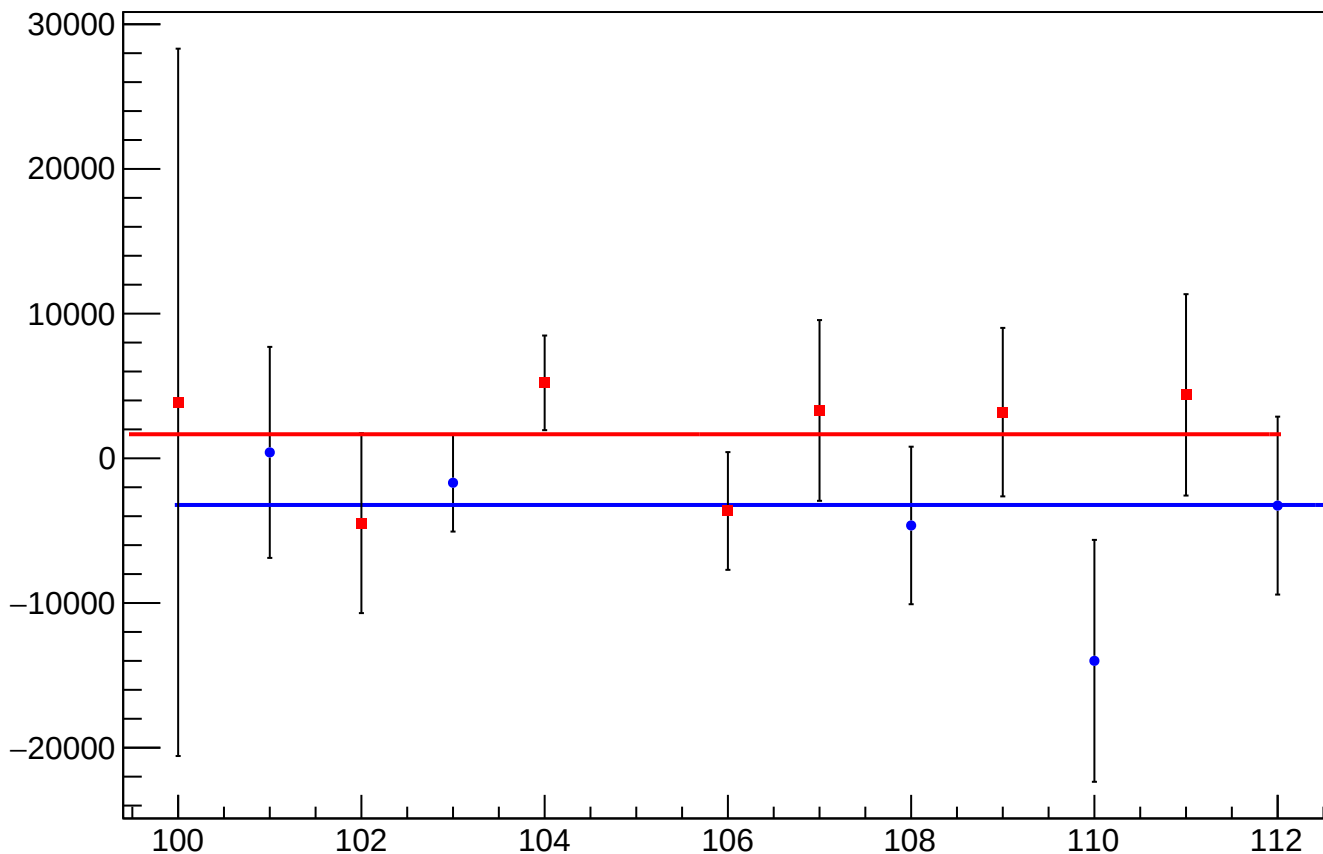
Right: 1846.490+/-0.605 χ^2/NDF : 829566.7/11

In: 1875.363+/-0.894 χ^2/NDF : 661607.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1846.490+/-0.605 χ^2/NDF : 829566.7/11

asym_atr_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -3223.776+/-2349.185 χ^2/NDF : 2.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1663.870+/-1971.526 χ^2/NDF : 4.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

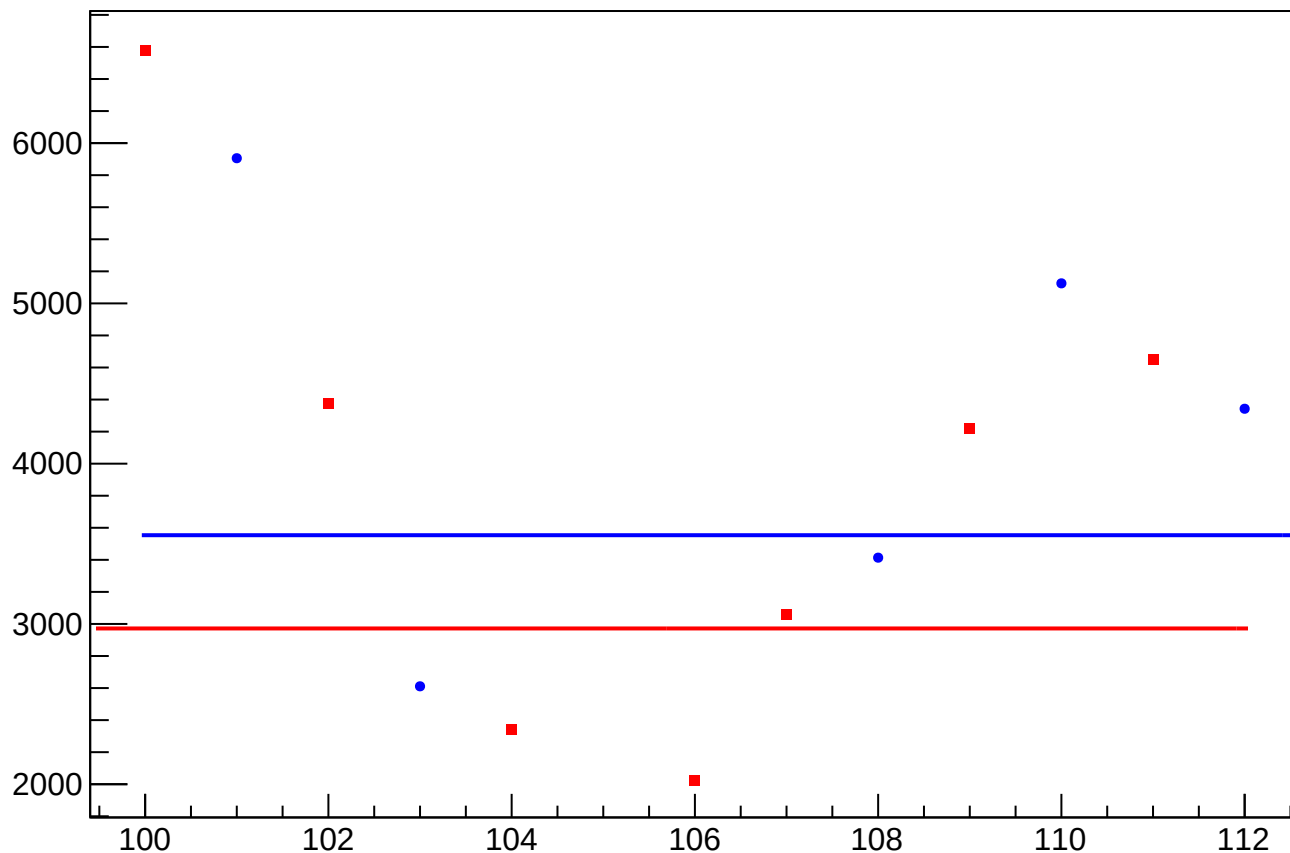
Right: -355.979+/-1510.173 χ^2/NDF : 8.9/11

In: -3223.776+/-2349.185 χ^2/NDF : 2.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -355.979+/-1510.173 χ^2/NDF : 8.9/11

asym_atr_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3553.717+/-1.661 χ^2/NDF : 469220.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2971.866+/-1.394 χ^2/NDF : 536504.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

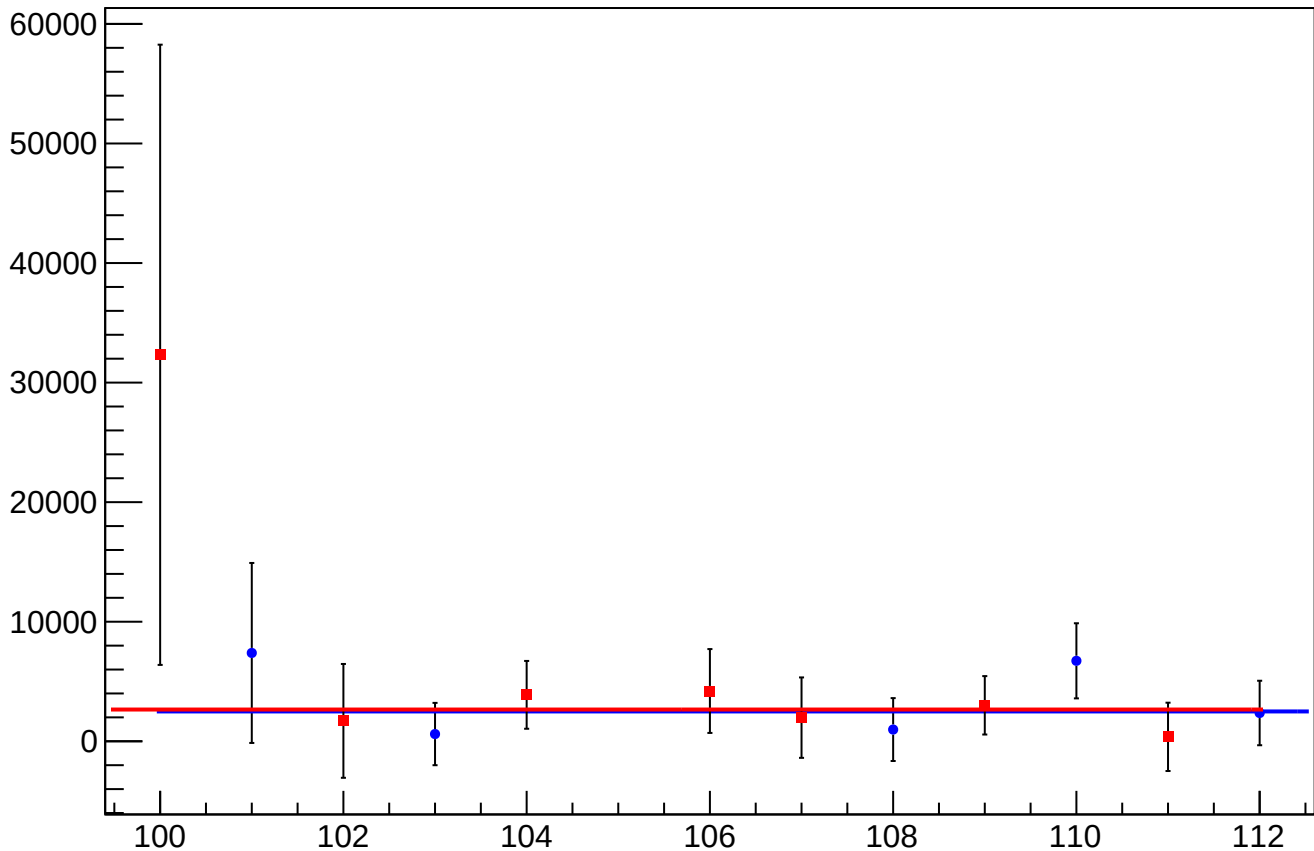
Right: 3212.319+/-1.068 χ^2/NDF : 1077714.2/11

In: 3553.717+/-1.661 χ^2/NDF : 469220.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3212.319+/-1.068 χ^2/NDF : 1077714.2/11

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2495.715+/-1350.551 χ^2/NDF : 3.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2655.421+/-1260.181 χ^2/NDF : 2.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

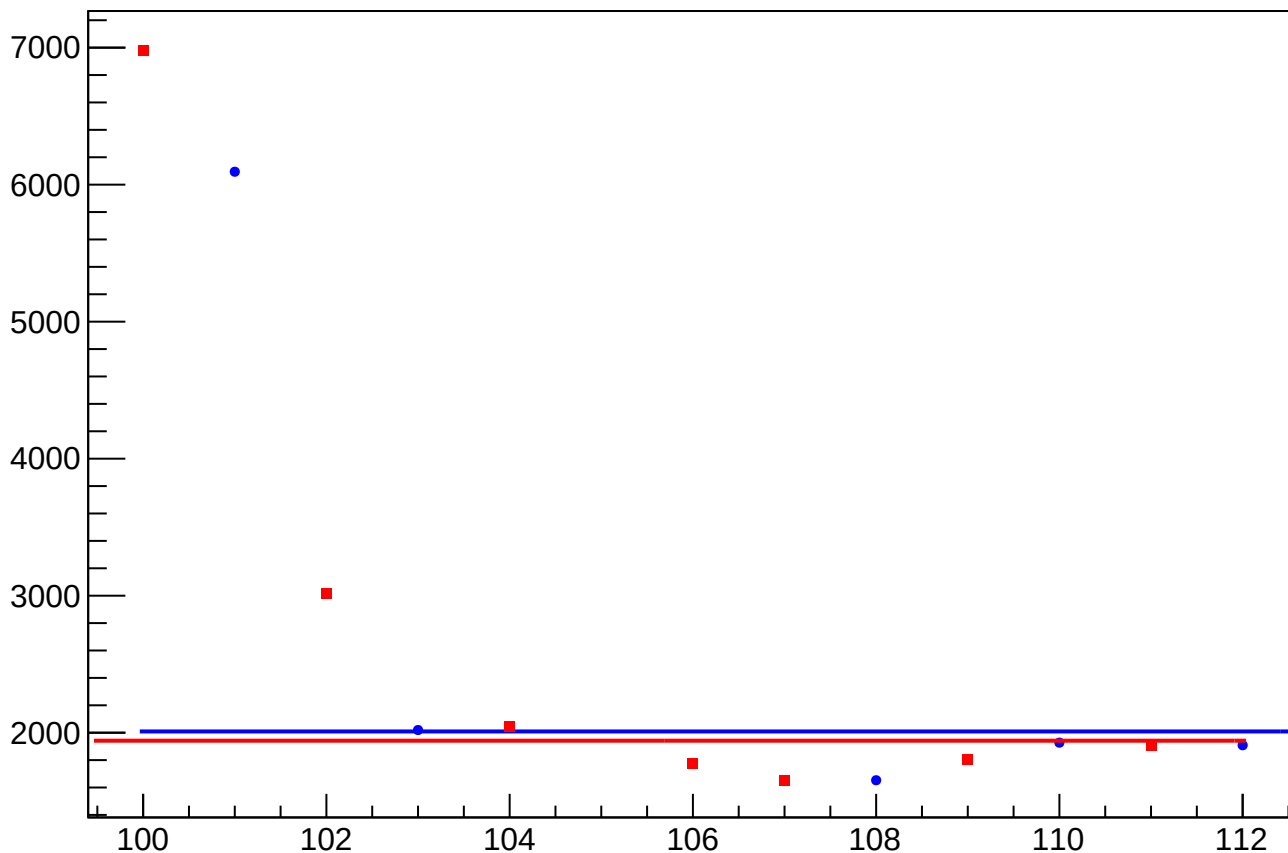
Right: 2581.089+/-921.375 χ^2/NDF : 5.5/11

In: 2495.715+/-1350.551 χ^2/NDF : 3.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2581.089+/-921.375 χ^2/NDF : 5.5/11

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 2009.230+/-0.955 χ^2/NDF : 629895.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1941.710+/-0.889 χ^2/NDF : 206884.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

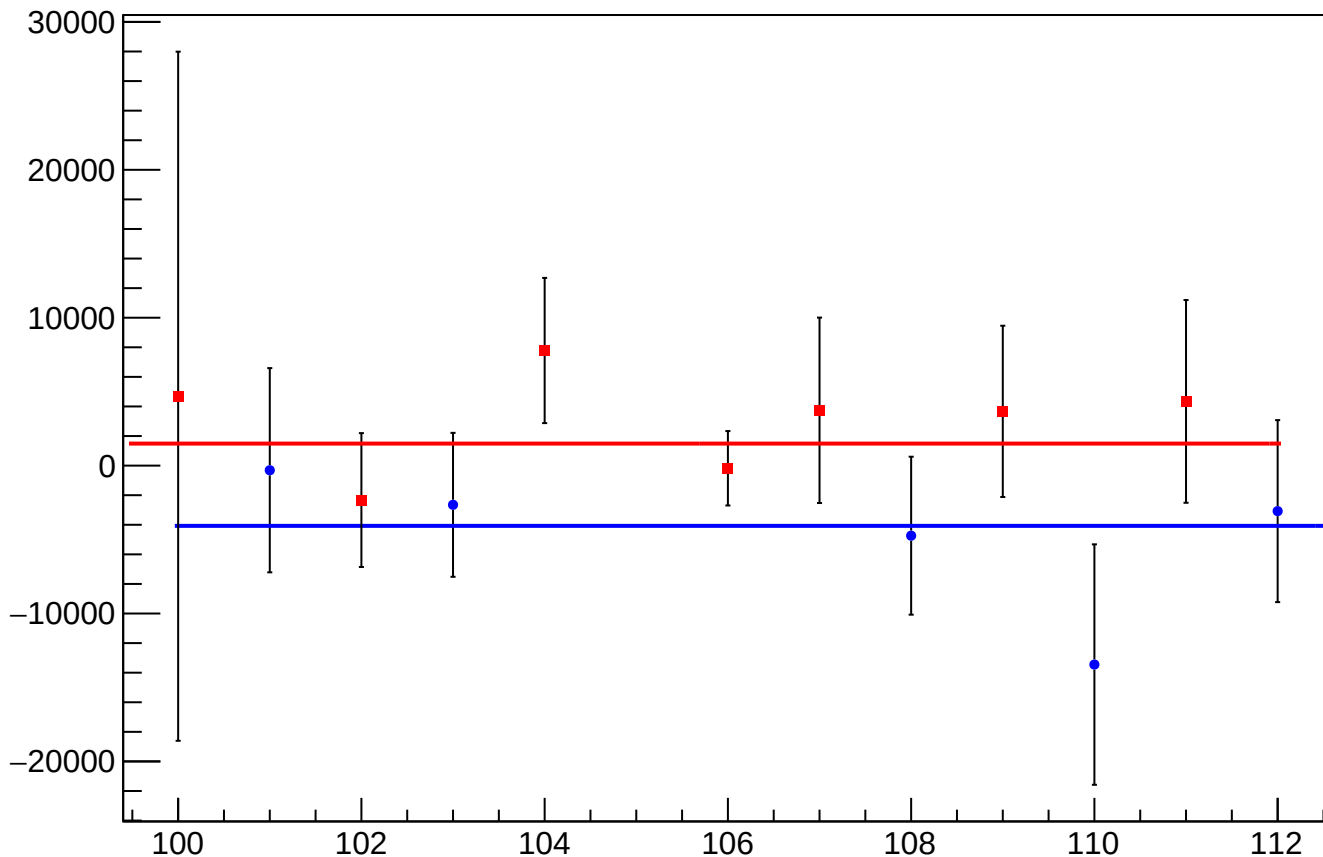
Right: 1973.049+/-0.651 χ^2/NDF : 839457.9/11

In: 2009.230+/-0.955 χ^2/NDF : 629895.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1973.049+/-0.651 χ^2/NDF : 839457.9/11

asym_atr_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -4072.807+/-2674.109 χ^2/NDF : 1.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1489.793+/-1749.664 χ^2/NDF : 3.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

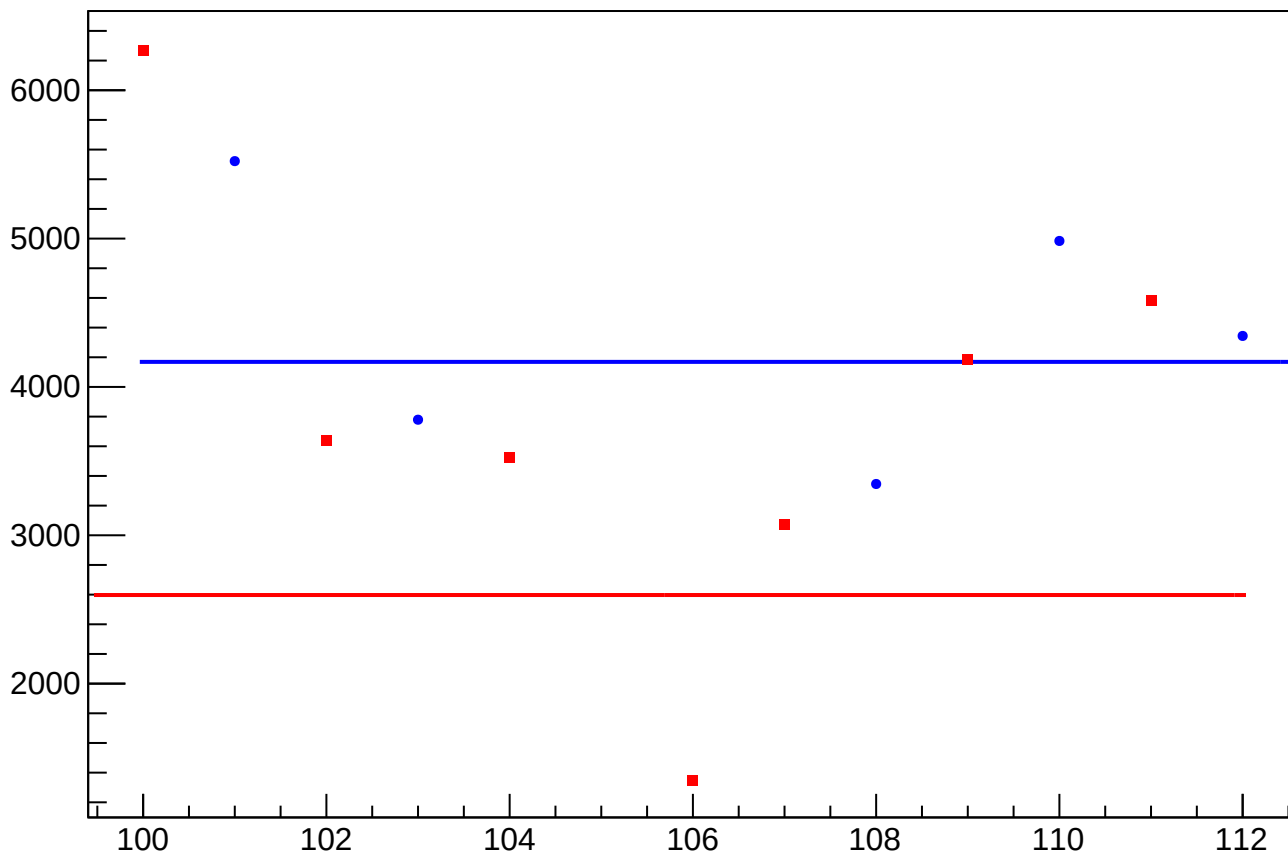
Right: -177.719+/-1464.113 χ^2/NDF : 8.0/11

In: -4072.807+/-2674.109 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -177.719+/-1464.113 χ^2/NDF : 8.0/11

asym_atr_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4168.940+/-1.891 χ^2/NDF : 158930.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2597.304+/-1.237 χ^2/NDF : 1049124.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

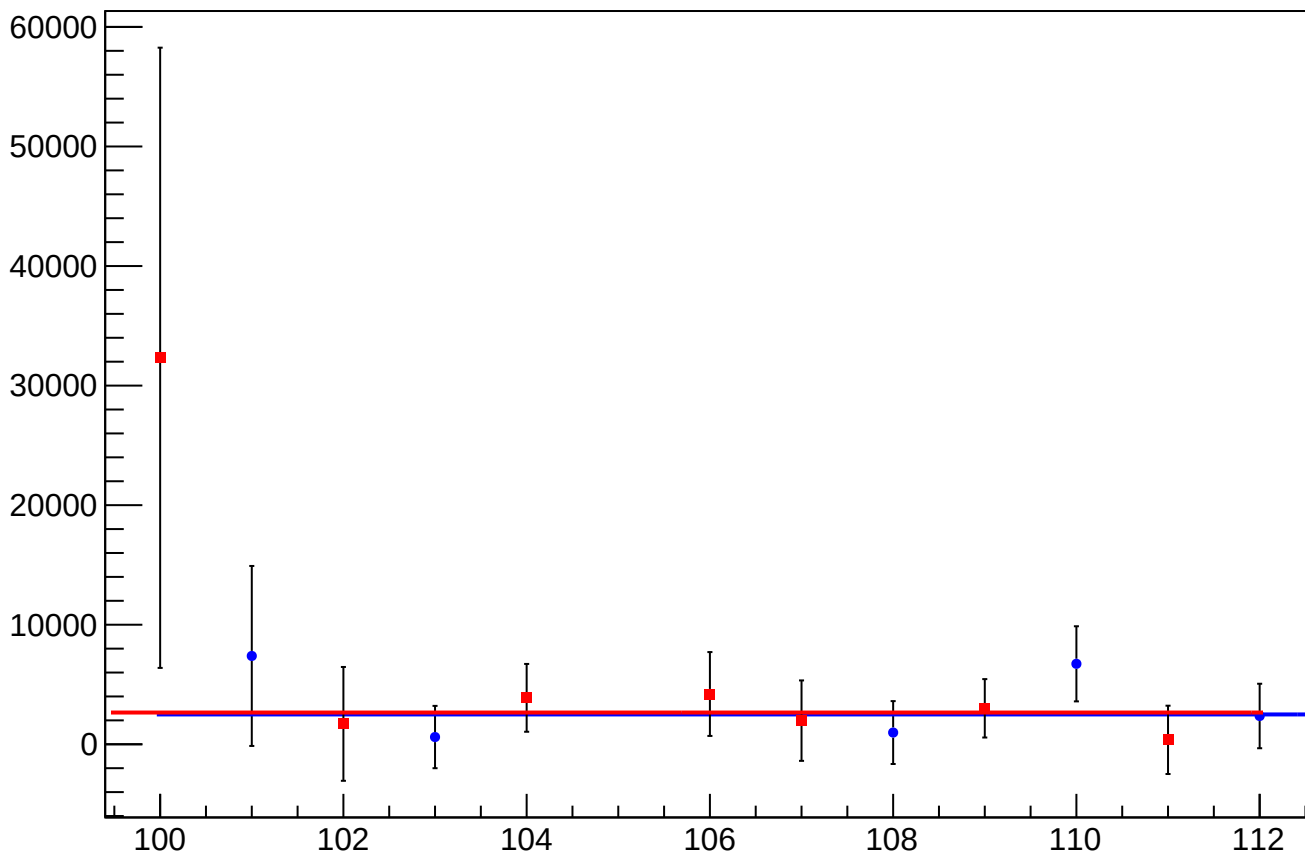
Right: 3068.436+/-1.035 χ^2/NDF : 1691798.1/11

In: 4168.940+/-1.891 χ^2/NDF : 158930.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3068.436+/-1.035 χ^2/NDF : 1691798.1/11

eigen_dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2495.720+/-1350.550 χ^2/NDF : 3.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2655.419+/-1260.181 χ^2/NDF : 2.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

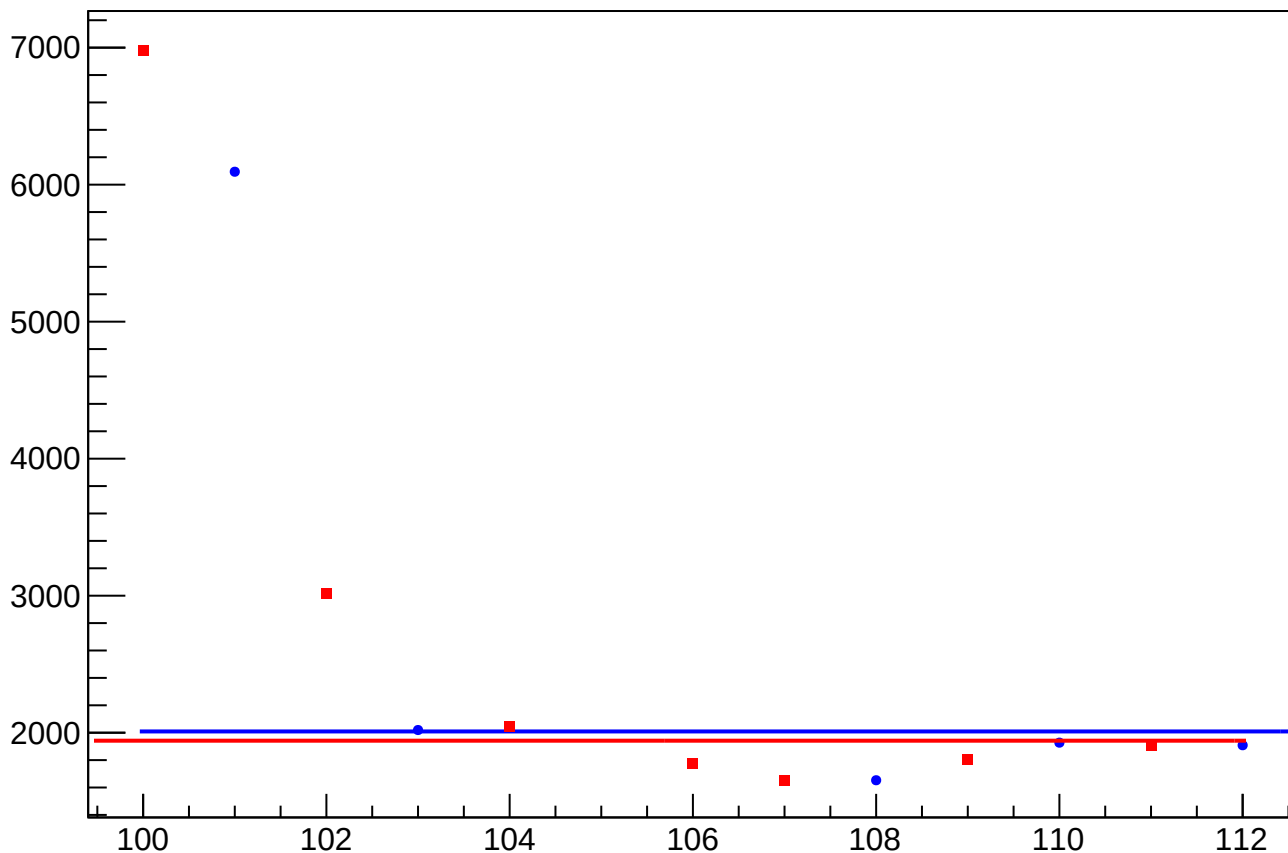
Right: 2581.090+/-921.375 χ^2/NDF : 5.5/11

In: 2495.720+/-1350.550 χ^2/NDF : 3.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2581.090+/-921.375 χ^2/NDF : 5.5/11

eigen_dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 2009.230+/-0.955 χ^2/NDF : 629895.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1941.710+/-0.889 χ^2/NDF : 206883.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

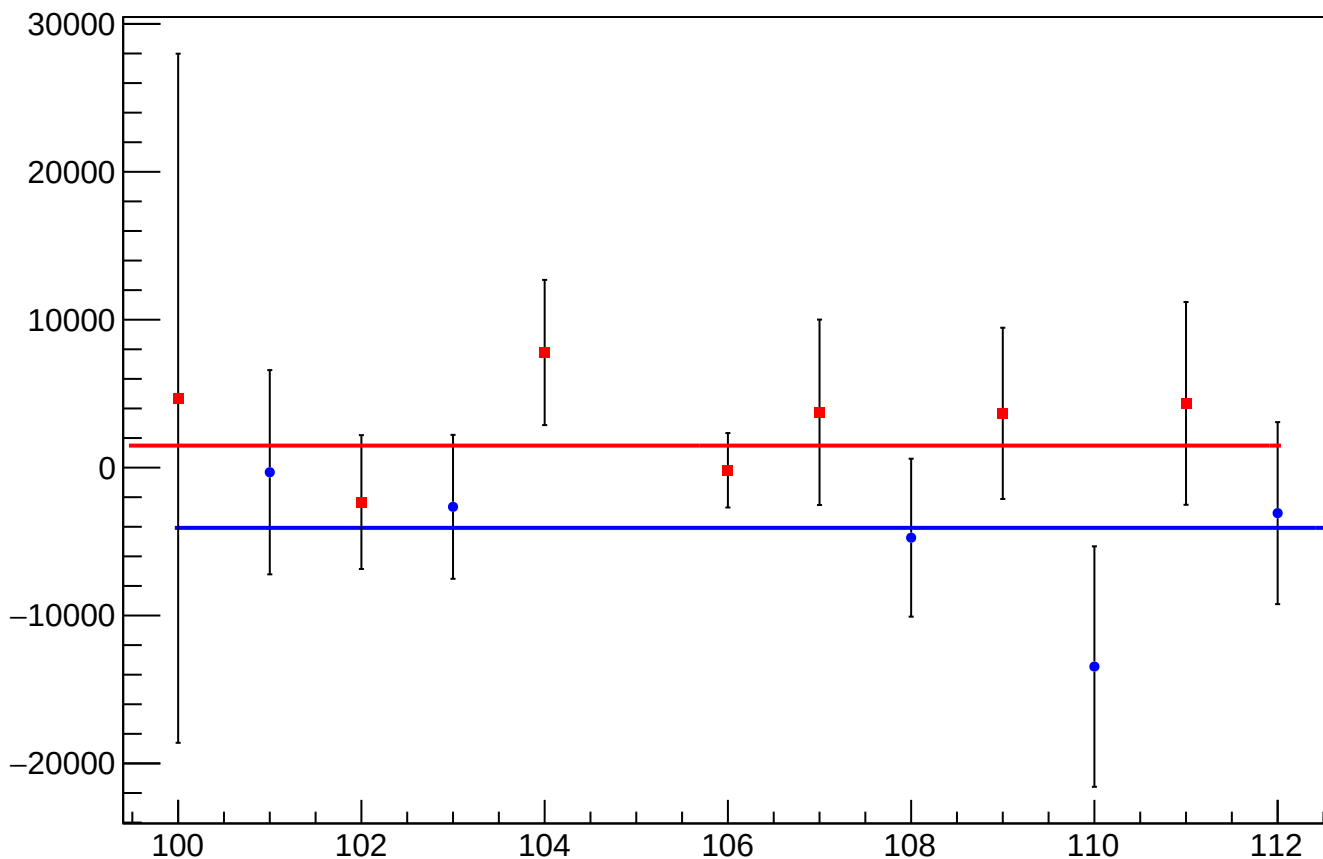
Right: 1973.049+/-0.651 χ^2/NDF : 839457.5/11

In: 2009.230+/-0.955 χ^2/NDF : 629895.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1973.049+/-0.651 χ^2/NDF : 839457.5/11

asym_atr_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -4072.808+/-2674.107 χ^2/NDF : 1.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1489.786+/-1749.661 χ^2/NDF : 3.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

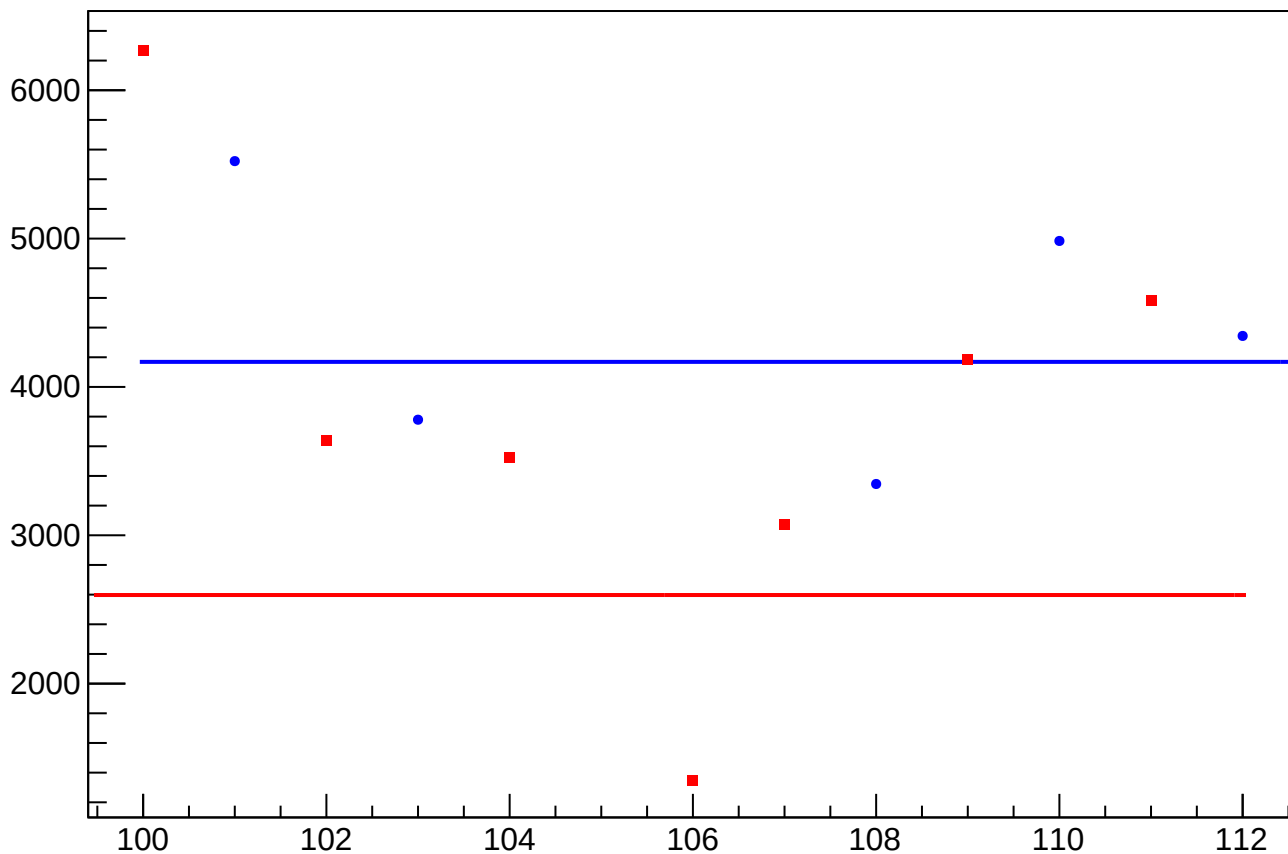
Right: -177.720+/-1464.110 χ^2/NDF : 8.0/11

In: -4072.808+/-2674.107 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -177.720+/-1464.110 χ^2/NDF : 8.0/11

asym_atr_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4168.938+/-1.891 χ^2/NDF : 158928.4/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2597.297+/-1.237 χ^2/NDF : 1049128.0/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

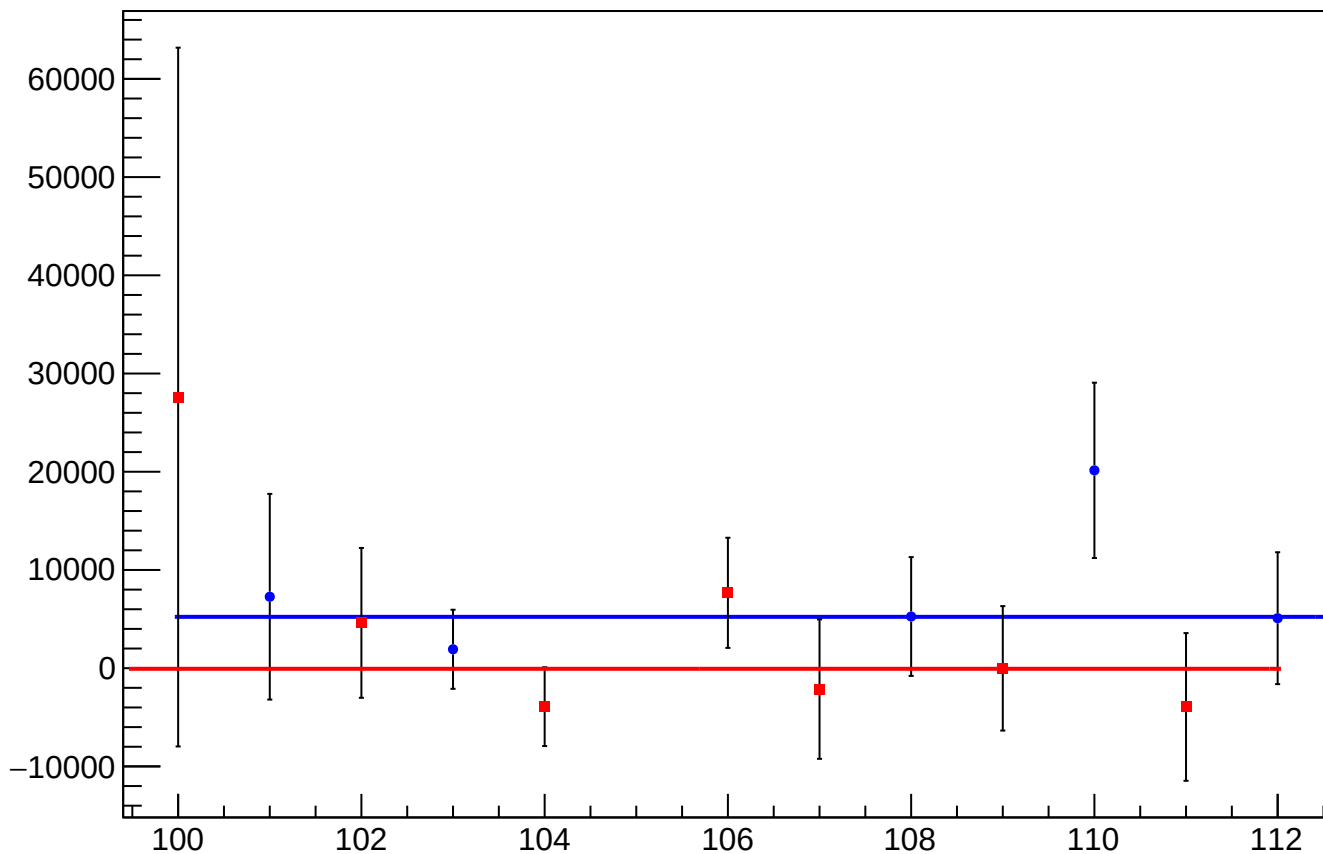
Right: 3068.430+/-1.035 χ^2/NDF : 1691804.4/11

In: 4168.938+/-1.891 χ^2/NDF :158928.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3068.430+/-1.035 χ^2/NDF : 1691804.4/11

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 5226.445 $\pm$ 2742.962 χ^2 /NDF: 3.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -61.439 $\pm$ 2394.926 χ^2 /NDF: 4.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

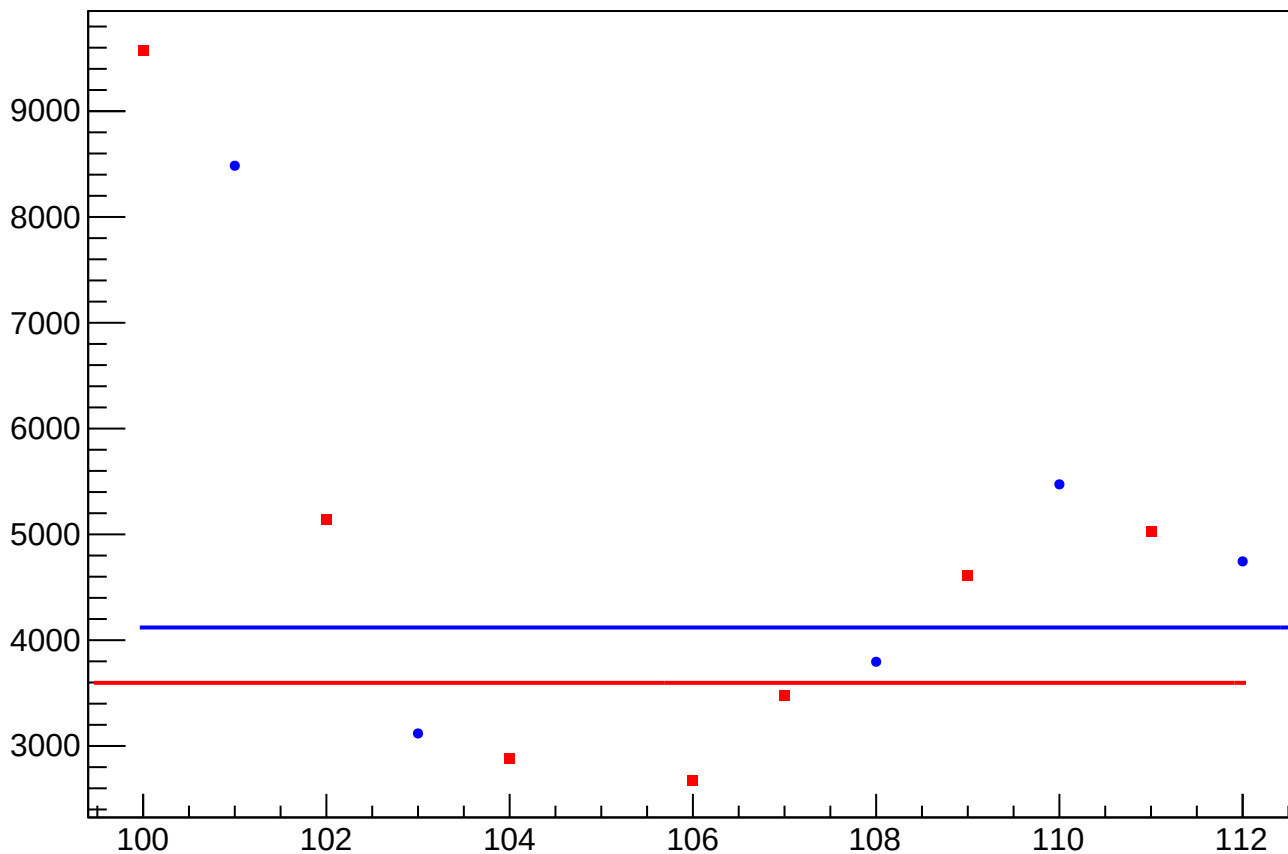
Right: 2225.942 $\pm$ 1804.048 χ^2 /NDF: 9.8/11

In: 5226.445 $\pm$ 2742.962 χ^2 /NDF:3.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2225.942 $\pm$ 1804.048 χ^2 /NDF: 9.8/11

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4119.894+/-1.940 χ^2/NDF : 540349.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3596.819+/-1.664 χ^2/NDF : 390119.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

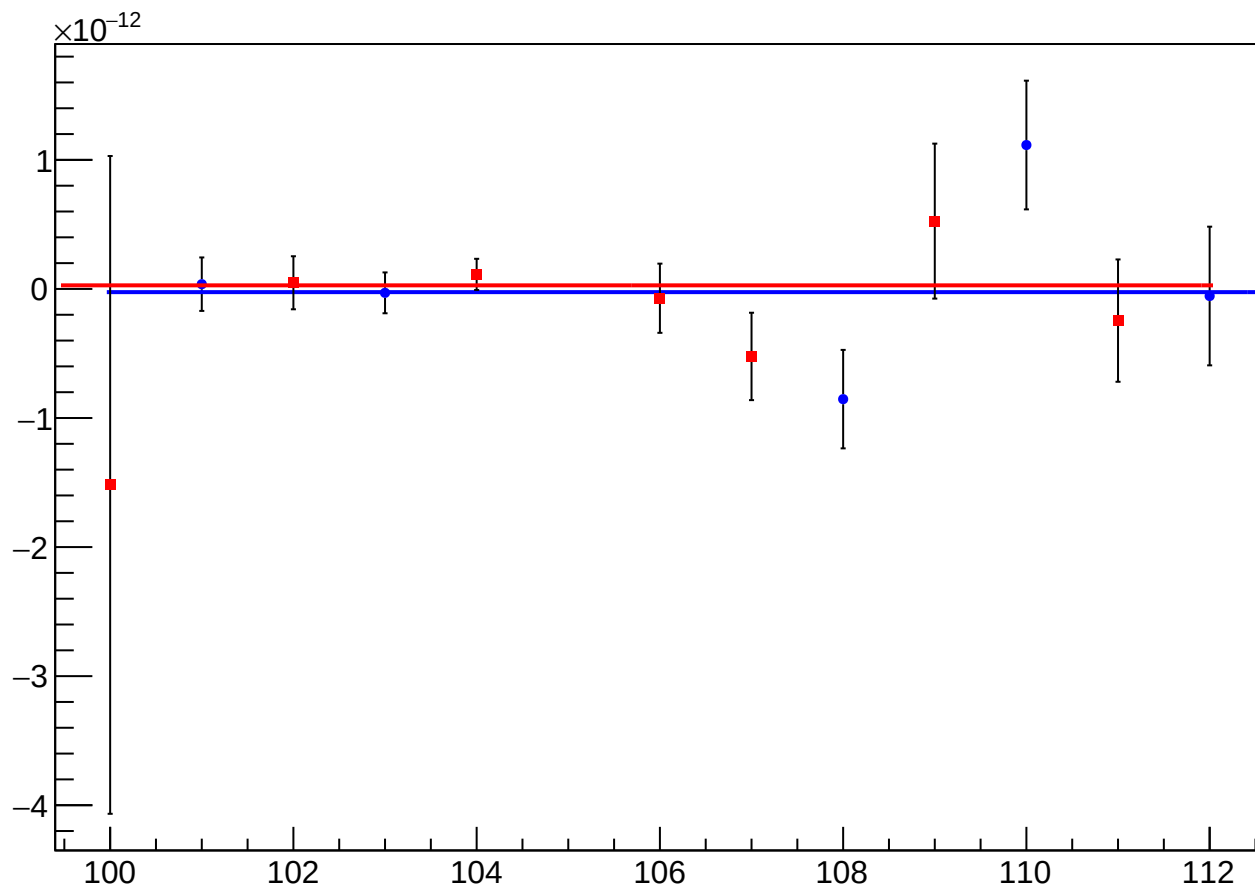
Right: 3818.559+/-1.263 χ^2/NDF : 972367.9/11

In: 4119.894+/-1.940 χ^2/NDF : 540349.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3818.559+/-1.263 χ^2/NDF : 972367.9/11

asym_atr_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 10.0/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 4.7/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

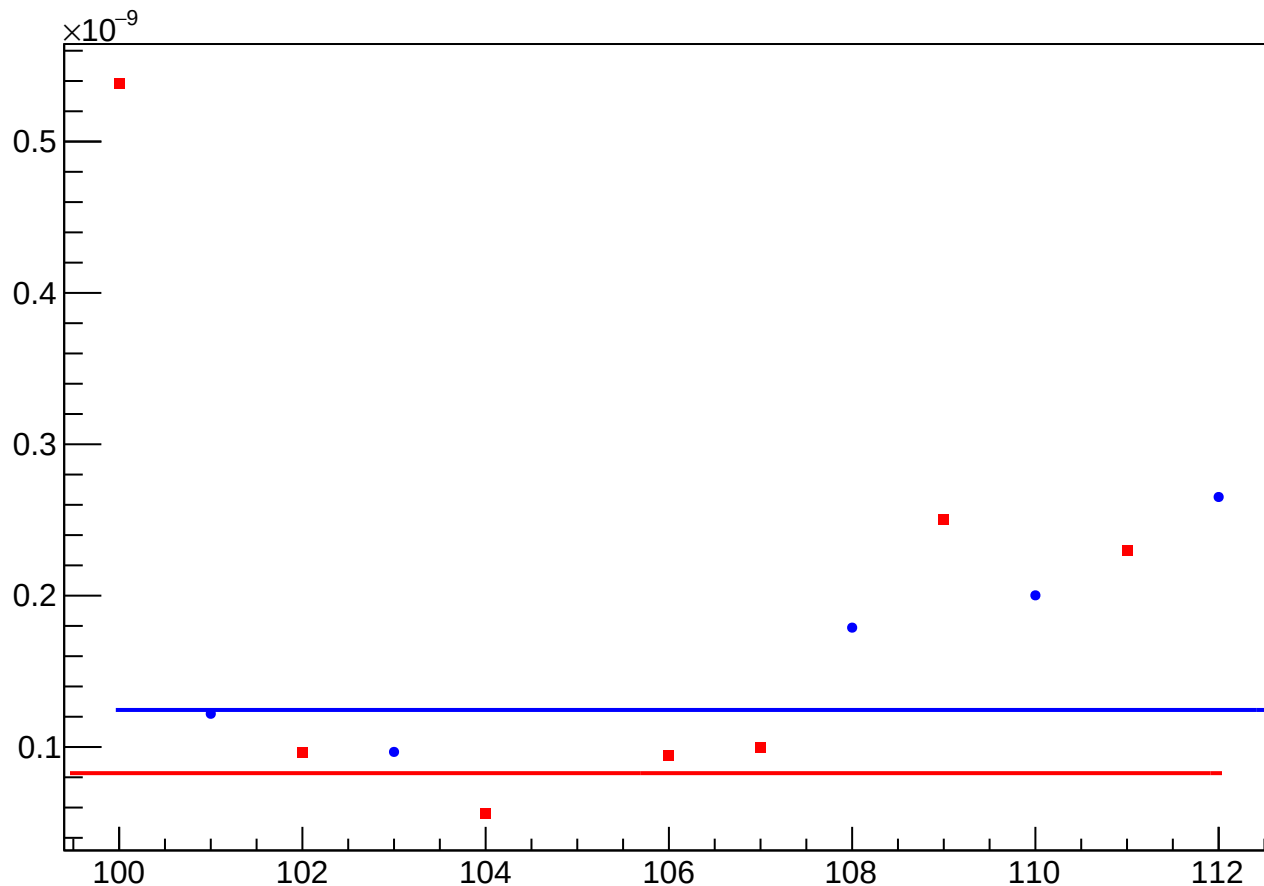
Right: 0.000+/-0.000 χ^2 /NDF: 14.8/11

In: -0.000+/-0.000 χ^2 /NDF:10.0/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 14.8/11

asym_atr_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 285574.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 528179.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

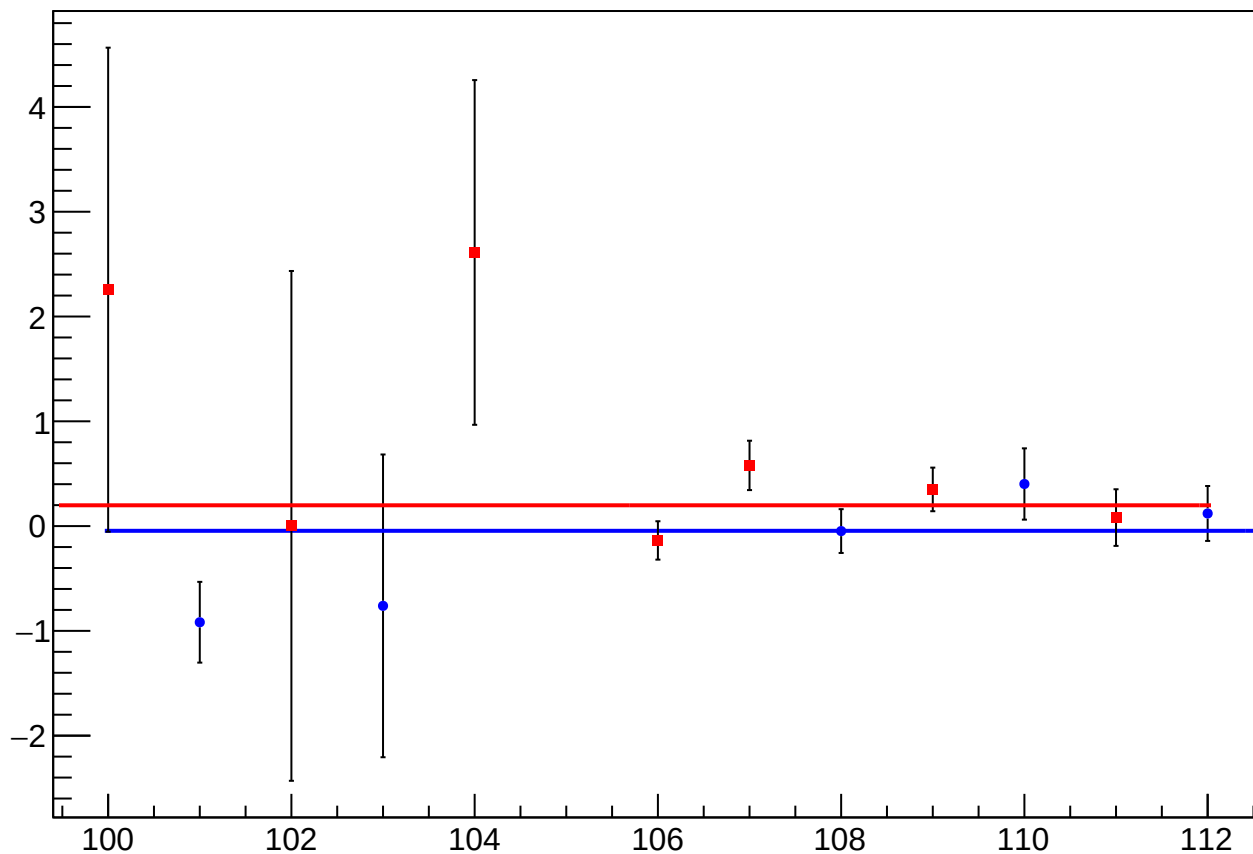
Right: 0.000+/-0.000 χ^2/NDF : 979186.6/11

In: 0.000+/-0.000 χ^2/NDF : 285574.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 979186.6/11

asym_atr_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.045 ± 0.137 $\chi^2/\text{NDF}: 7.5/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.198 ± 0.108 $\chi^2/\text{NDF}: 9.6/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

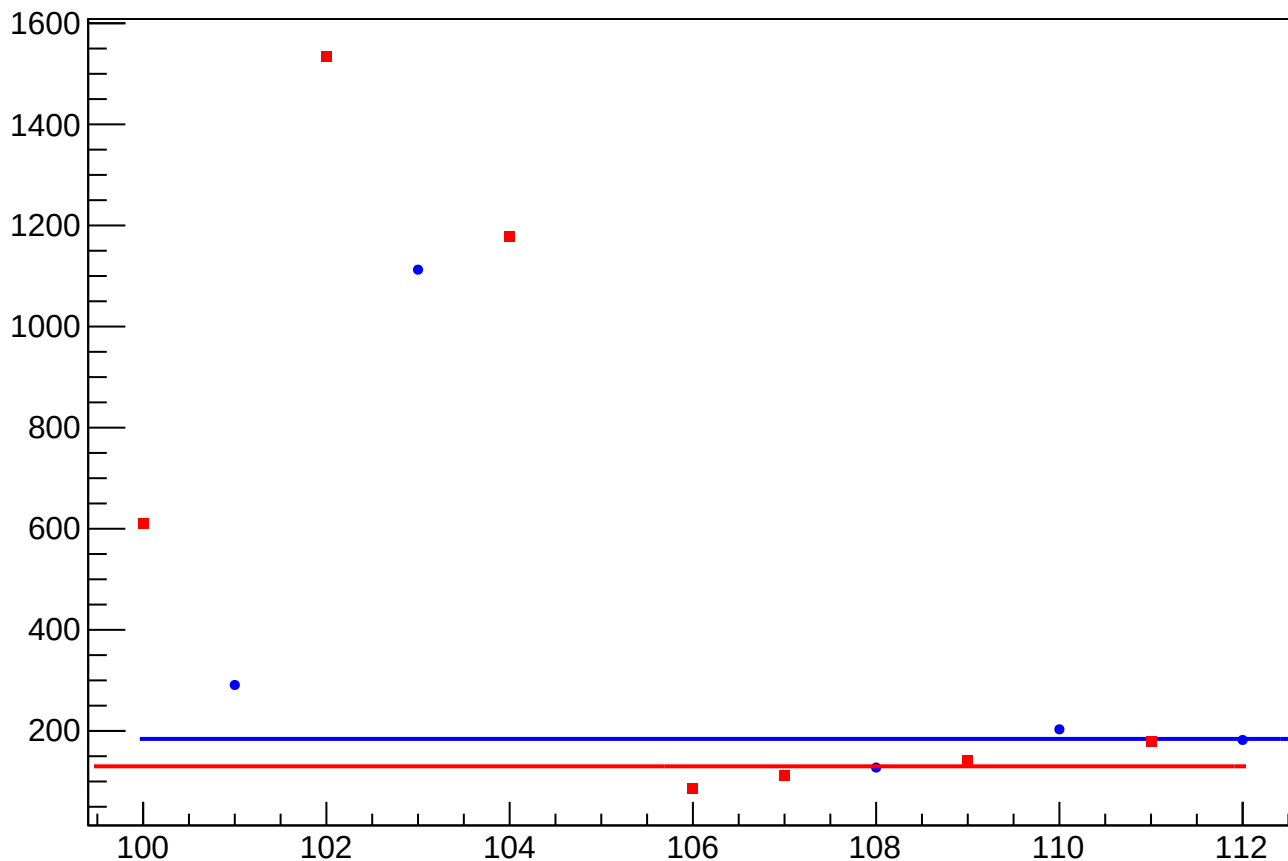
Right: 0.105 ± 0.085 $\chi^2/\text{NDF}: 19.1/11$

In: -0.045 ± 0.137 $\chi^2/\text{NDF}: 7.5/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.105 ± 0.085 $\chi^2/\text{NDF}: 19.1/11$

asym_atr_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 184.232+/-0.097 χ^2/NDF : 1132340.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.029+/-0.077 χ^2/NDF : 1764827.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

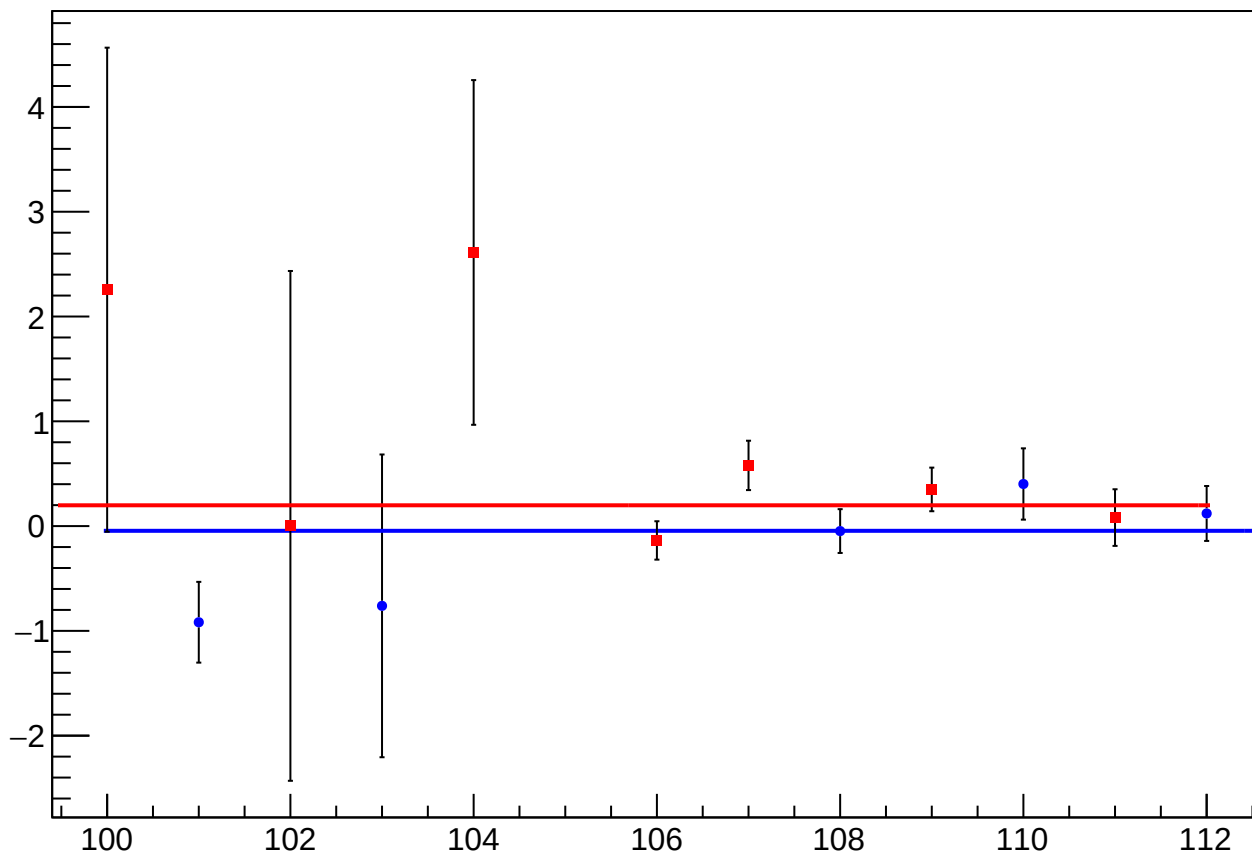
Right: 150.868+/-0.060 χ^2/NDF : 3089940.0/11

In: 184.232+/-0.097 χ^2/NDF : 1132340.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.868+/-0.060 χ^2/NDF : 3089940.0/11

asym_atr_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.045 ± 0.137 $\chi^2/\text{NDF}: 7.5/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.198 ± 0.108 $\chi^2/\text{NDF}: 9.6/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

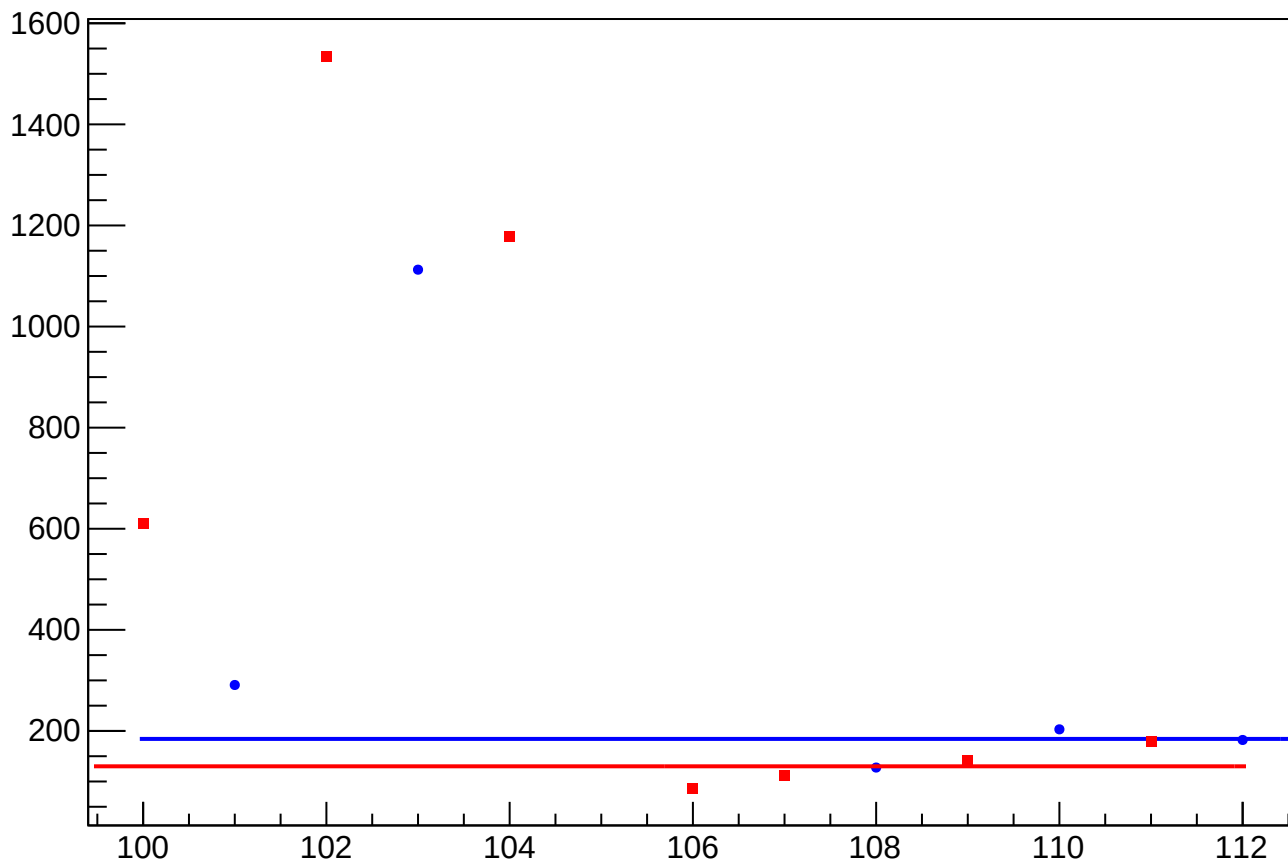
Right: 0.105 ± 0.085 $\chi^2/\text{NDF}: 19.1/11$

In: -0.045 ± 0.137 $\chi^2/\text{NDF}: 7.5/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.105 ± 0.085 $\chi^2/\text{NDF}: 19.1/11$

asym_atr_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 184.232+/-0.097 χ^2/NDF : 1132340.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.029+/-0.077 χ^2/NDF : 1764827.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

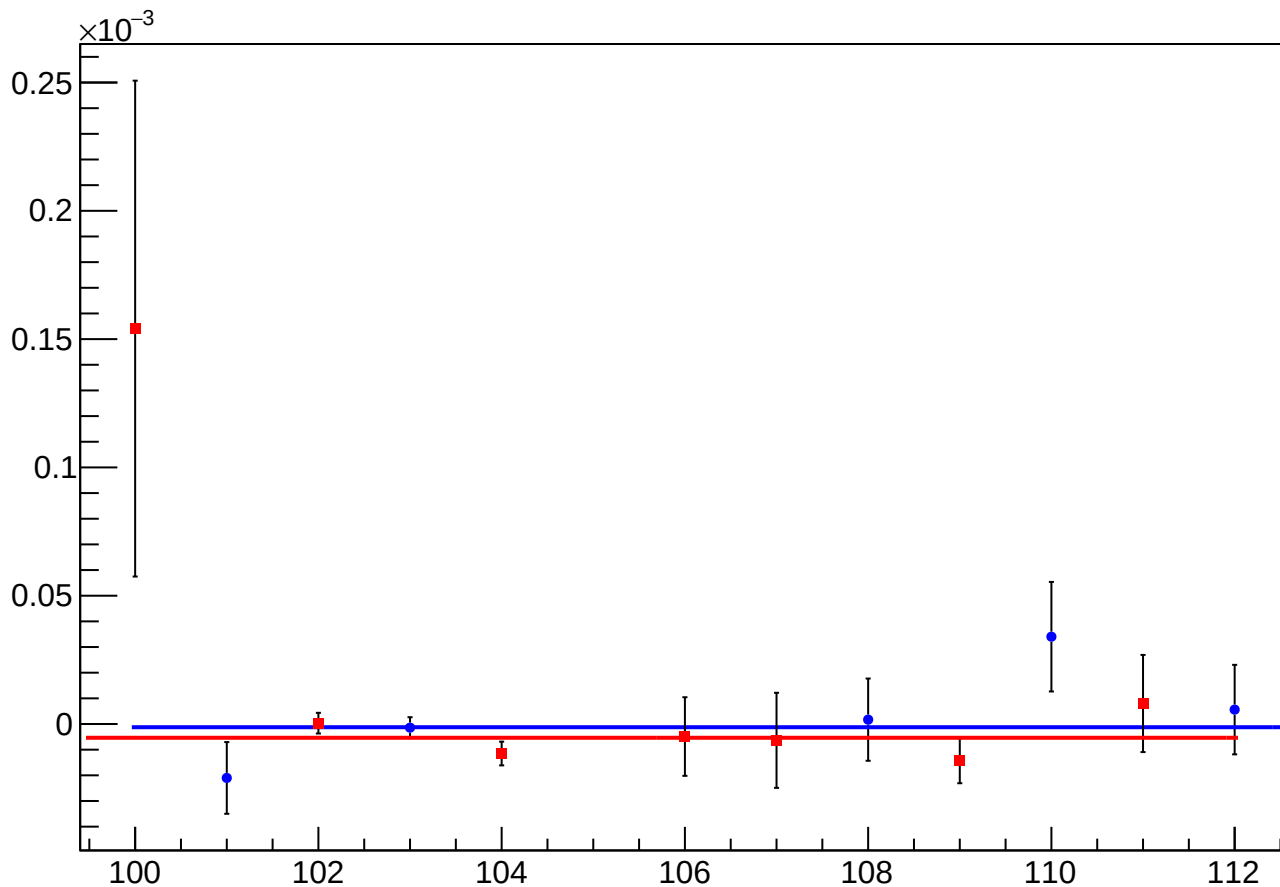
Right: 150.868+/-0.060 χ^2/NDF : 3089940.0/11

In: 184.232+/-0.097 χ^2/NDF : 1132340.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.868+/-0.060 χ^2/NDF : 3089940.0/11

asym_atr_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

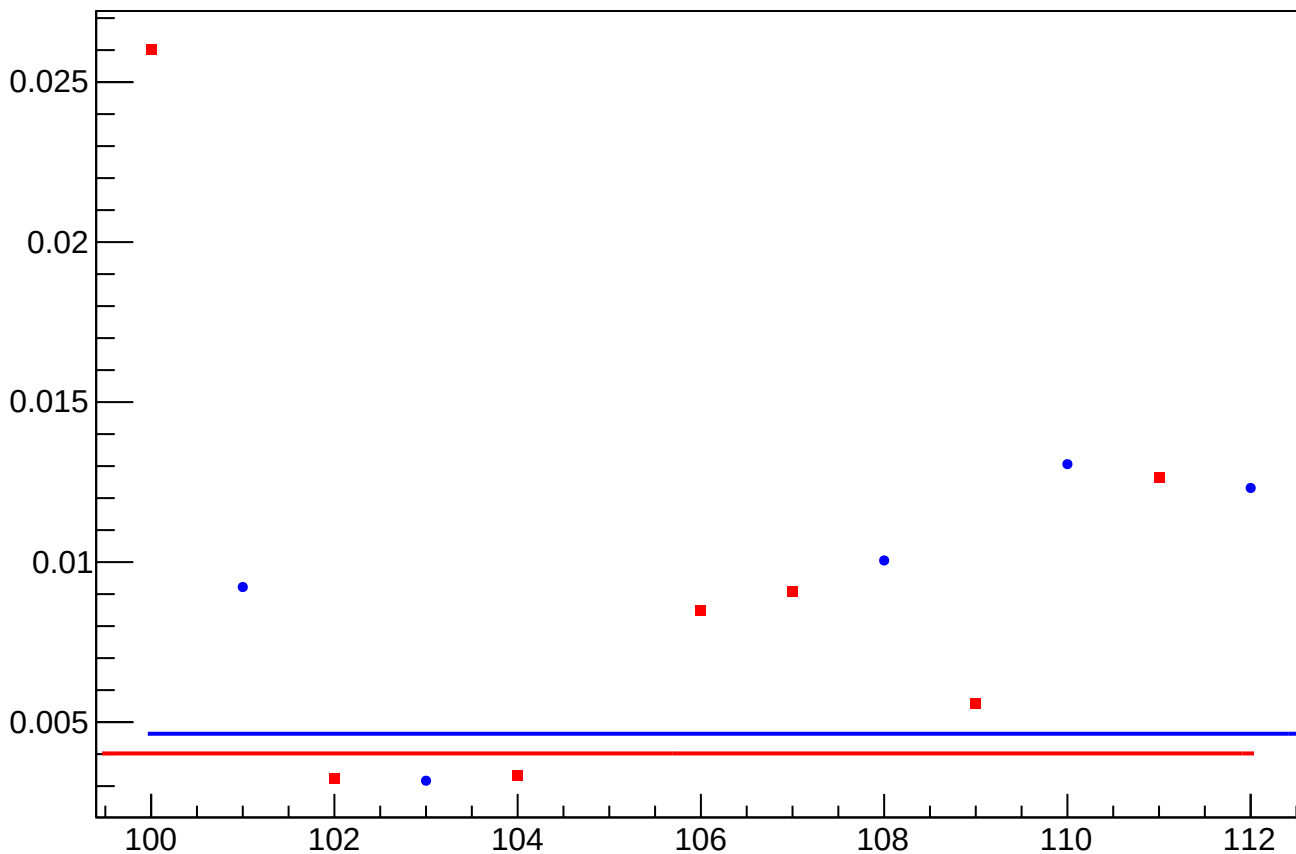
Right: -0.000+/-0.000 χ^2/NDF : 13.8/11

In: -0.000+/-0.000 χ^2/NDF : 4.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.8/11

asym_atr_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1402101.5/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 1022009.4/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

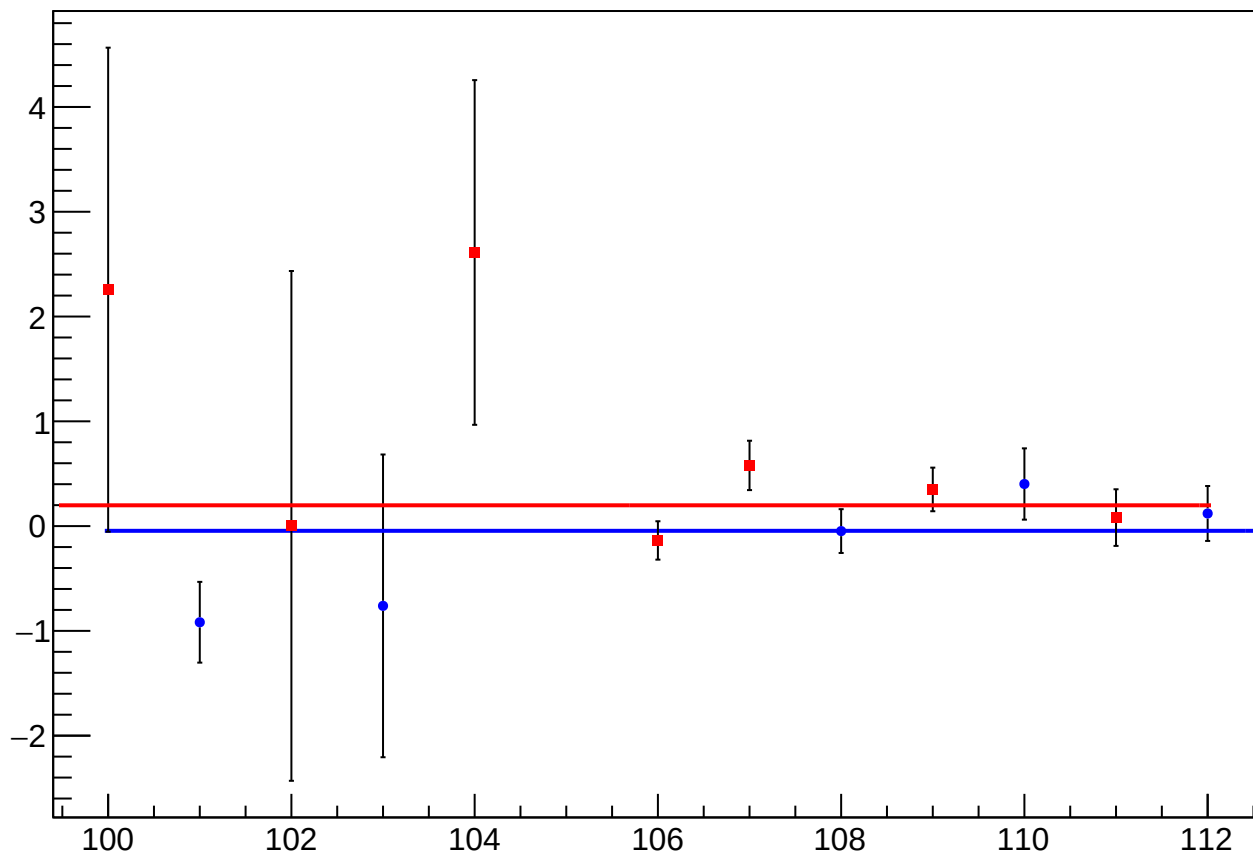
Right: 0.004+/-0.000 χ^2/NDF : 2460174.0/11

In: 0.005+/-0.000 χ^2/NDF :1402101.5/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 2460174.0/11

asym_atr_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.045 ± 0.137 $\chi^2/\text{NDF}: 7.5/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.198 ± 0.108 $\chi^2/\text{NDF}: 9.6/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

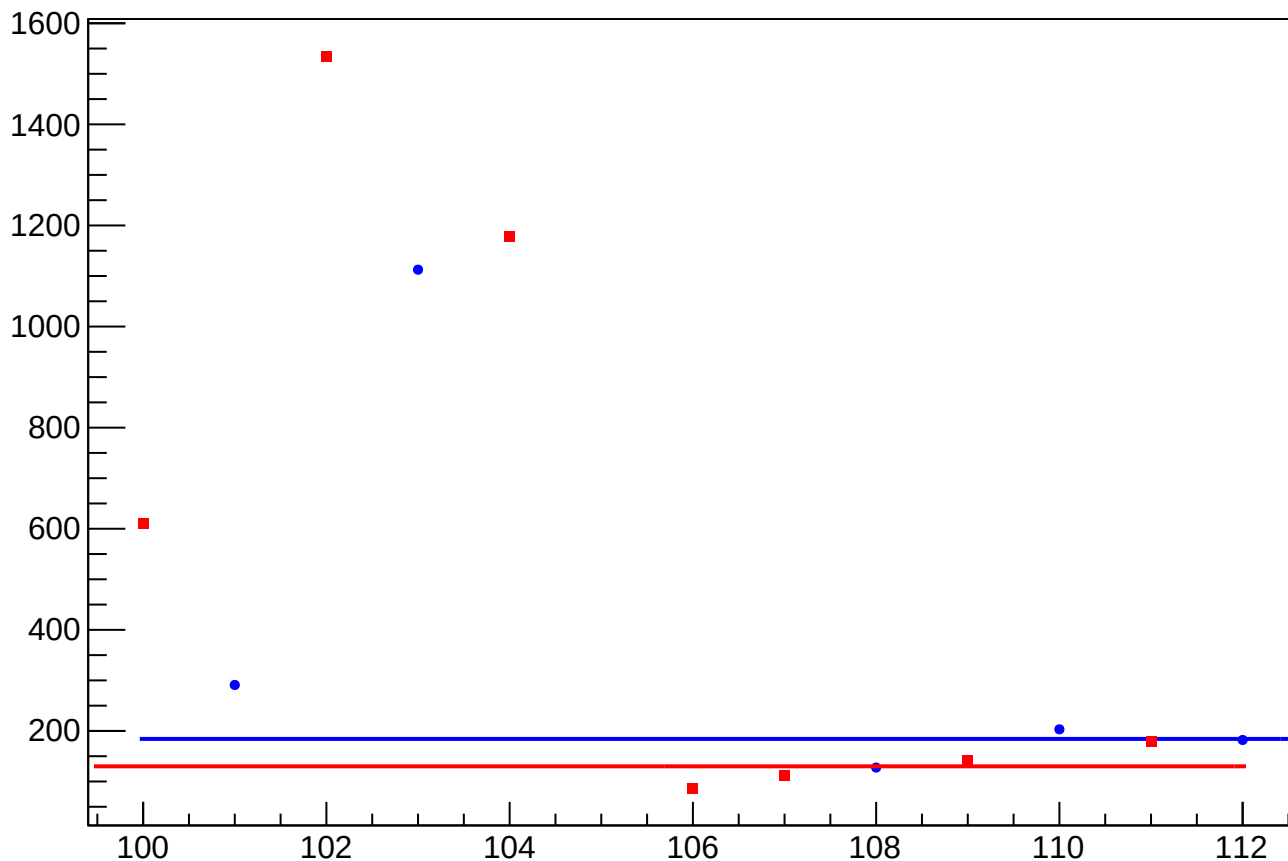
Right: 0.105 ± 0.085 $\chi^2/\text{NDF}: 19.1/11$

In: -0.045 ± 0.137 $\chi^2/\text{NDF}: 7.5/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.105 ± 0.085 $\chi^2/\text{NDF}: 19.1/11$

asym_atr_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 184.233+/-0.097 χ^2/NDF : 1132351.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.030+/-0.077 χ^2/NDF : 1764837.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

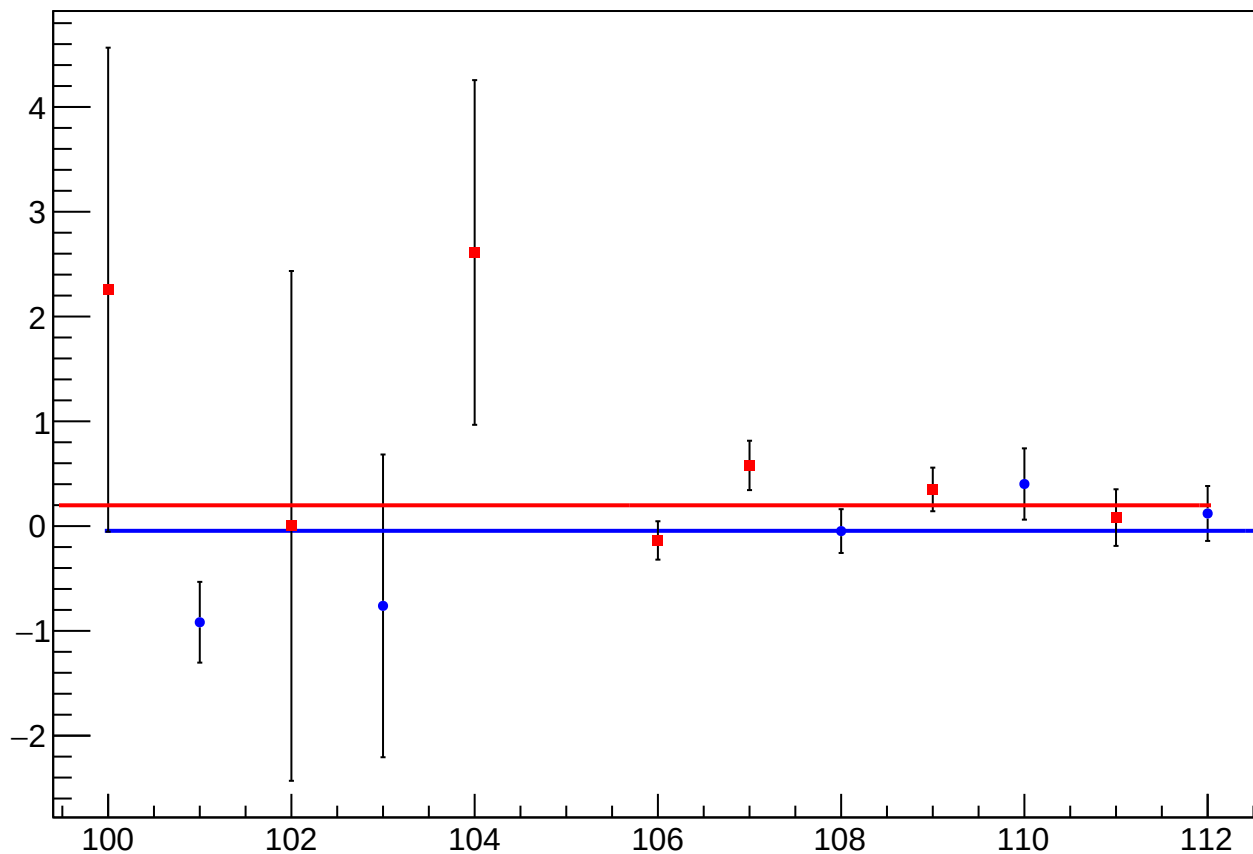
Right: 150.868+/-0.060 χ^2/NDF : 3089962.8/11

In: 184.233+/-0.097 χ^2/NDF : 1132351.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.868+/-0.060 χ^2/NDF : 3089962.8/11

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.045 ± 0.137 $\chi^2/\text{NDF}: 7.5/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.198 ± 0.108 $\chi^2/\text{NDF}: 9.6/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

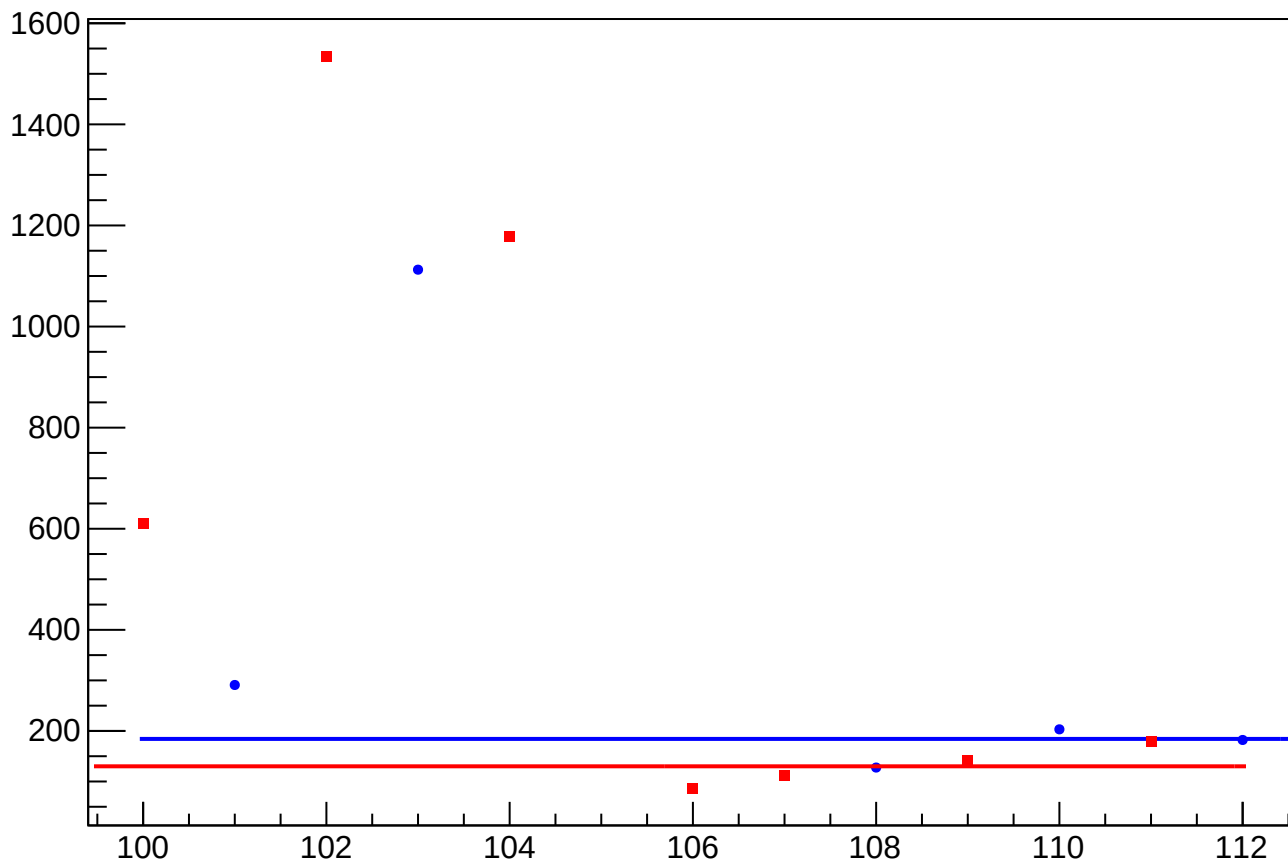
Right: 0.105 ± 0.085 $\chi^2/\text{NDF}: 19.1/11$

In: -0.045 ± 0.137 $\chi^2/\text{NDF}: 7.5/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.105 ± 0.085 $\chi^2/\text{NDF}: 19.1/11$

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 184.233+/-0.097 χ^2/NDF : 1132351.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.030+/-0.077 χ^2/NDF : 1764837.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

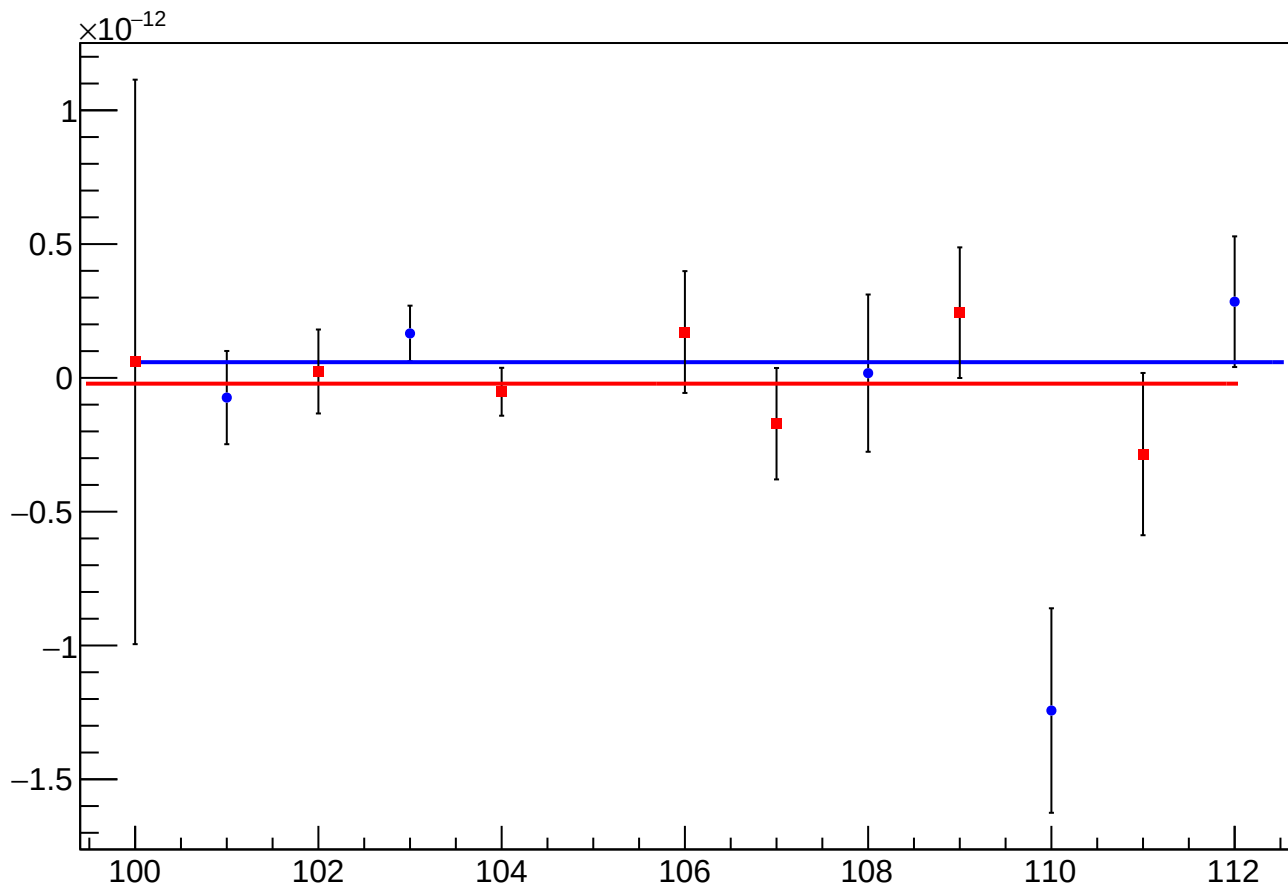
Right: 150.868+/-0.060 χ^2/NDF : 3089962.8/11

In: 184.233+/-0.097 χ^2/NDF : 1132351.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.868+/-0.060 χ^2/NDF : 3089962.8/11

asym_atr_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

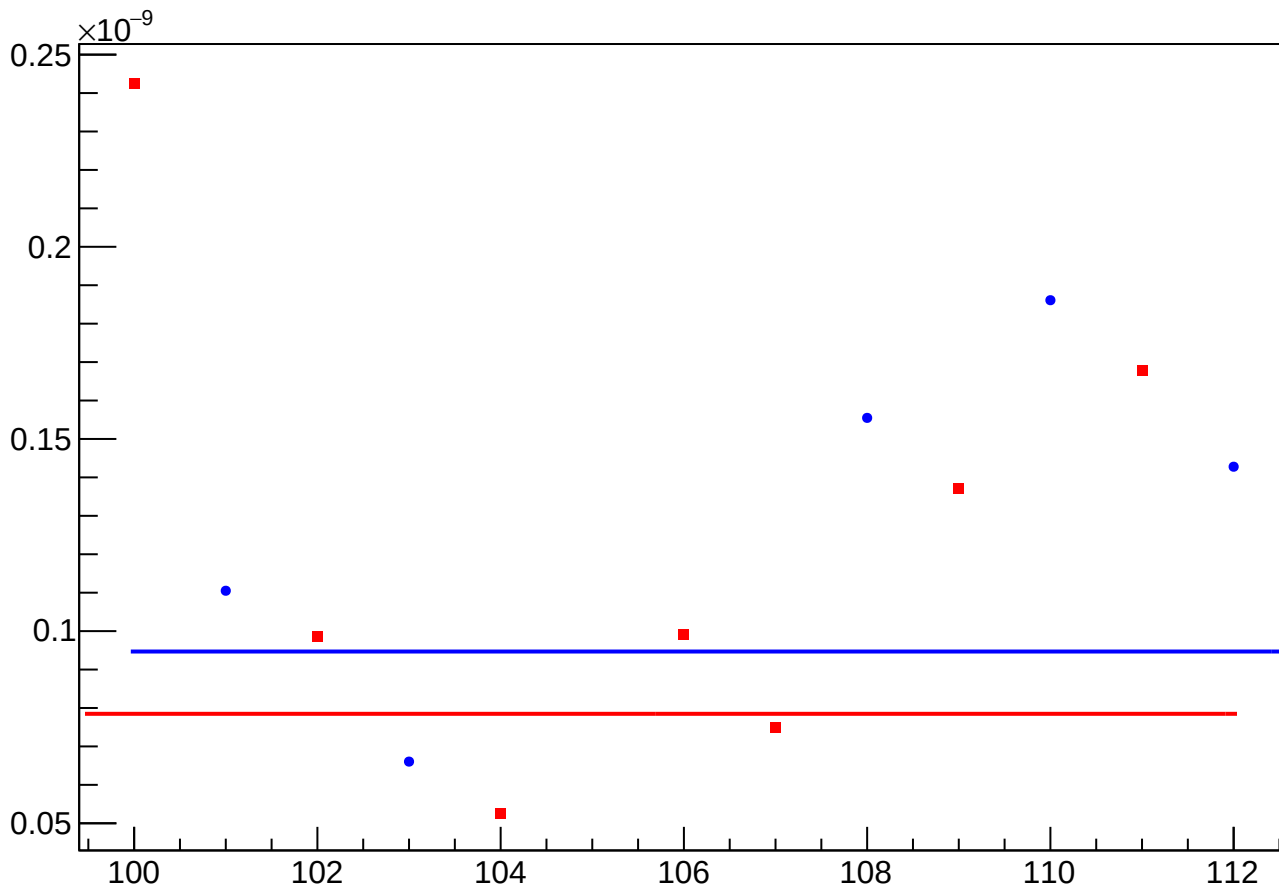
Right: 0.000+/-0.000 χ^2/NDF : 18.1/11

In: 0.000+/-0.000 χ^2/NDF : 14.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.1/11

asym_atr_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 446382.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 556003.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

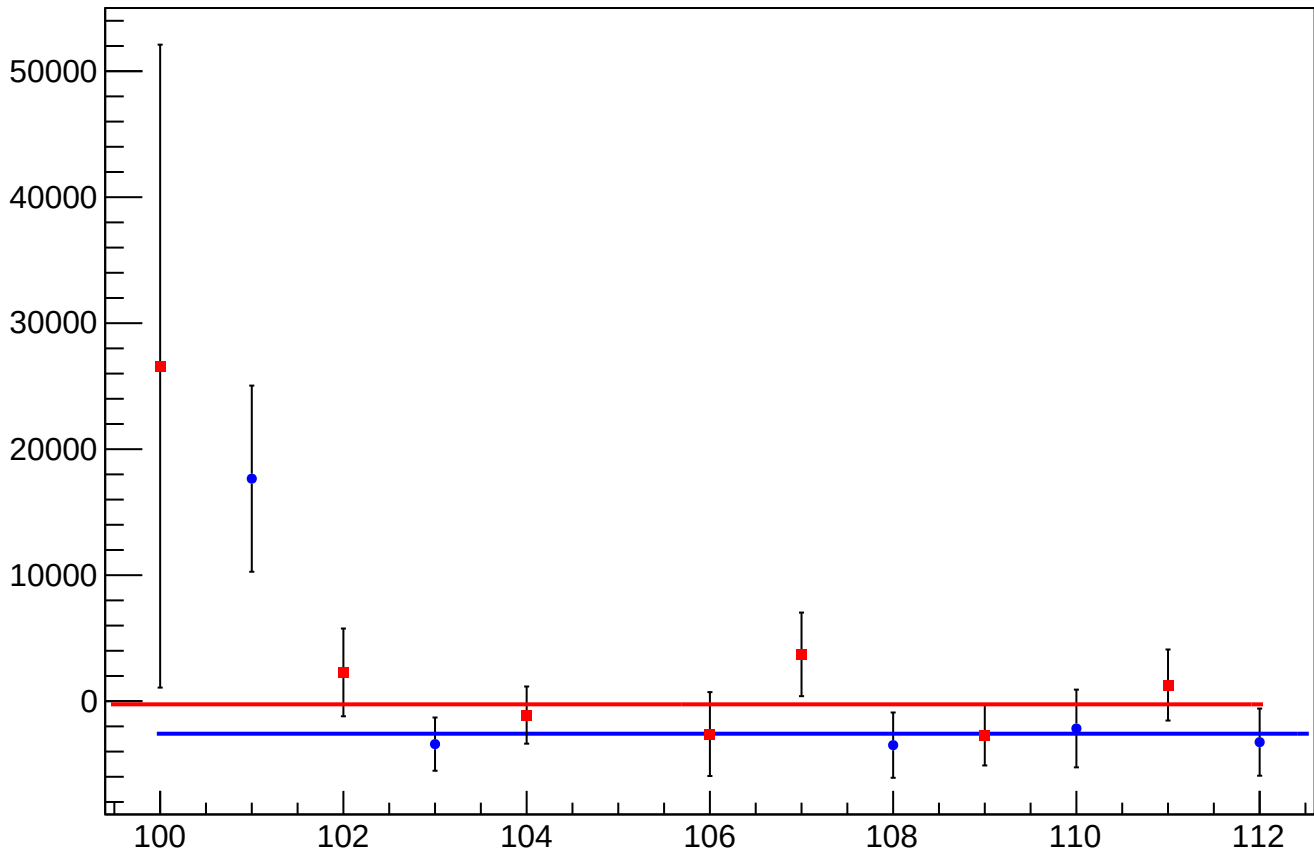
Right: 0.000+/-0.000 χ^2/NDF : 1052705.6/11

In: 0.000+/-0.000 χ^2/NDF : 446382.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1052705.6/11

reg_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2581.620+/-1252.811 χ^2/NDF : 7.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -249.861+/-1148.195 χ^2/NDF : 5.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

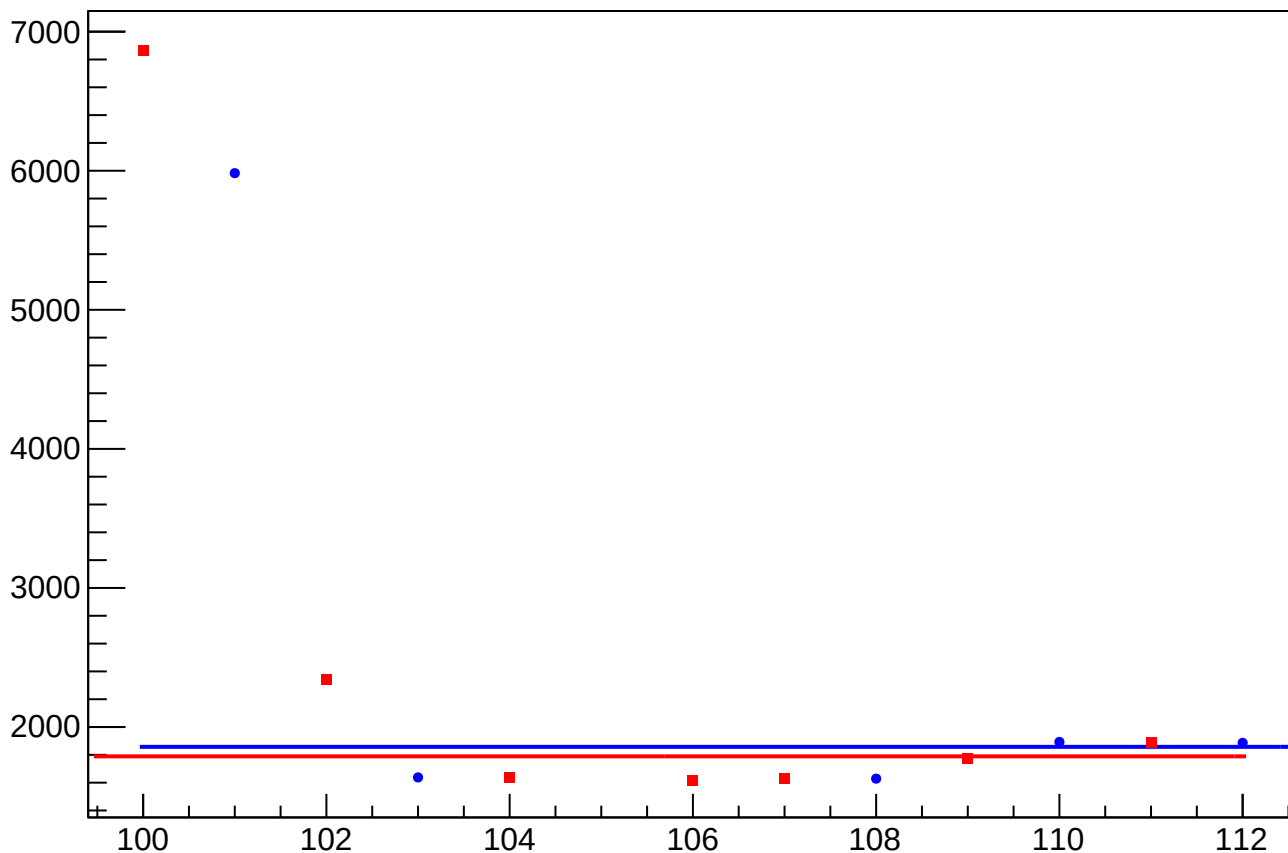
Right: -1314.334+/-846.469 χ^2/NDF : 14.8/11

In: -2581.620+/-1252.811 χ^2/NDF : 7.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1314.334+/-846.469 χ^2/NDF : 14.8/11

reg_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1857.555+/-0.886 χ^2/NDF : 661436.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1789.128+/-0.805 χ^2/NDF : 152818.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

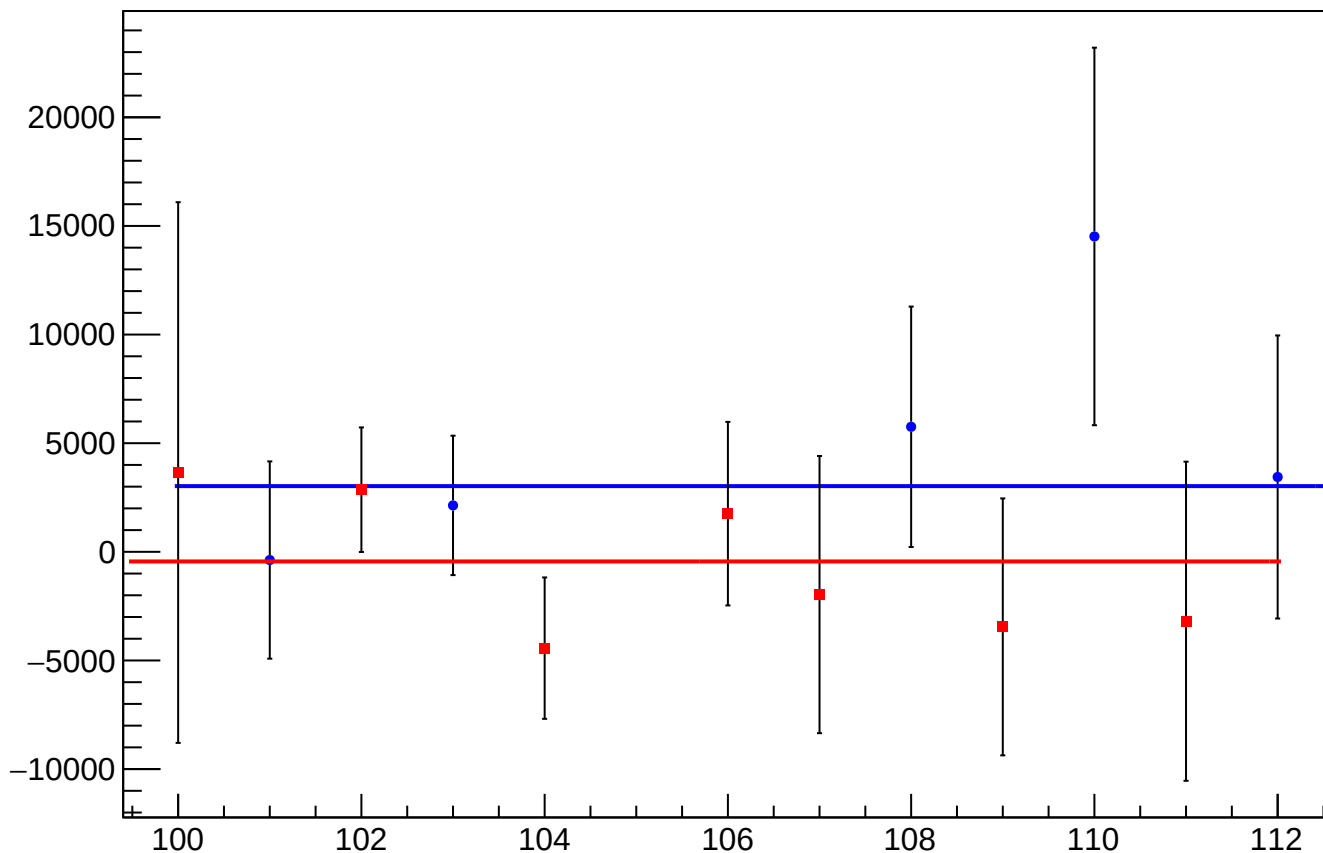
Right: 1820.061+/-0.596 χ^2/NDF : 817524.3/11

In: 1857.555+/-0.886 χ^2/NDF : 661436.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1820.061+/-0.596 χ^2/NDF : 817524.3/11

asym_atr_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 3024.450+/-2155.872 χ^2/NDF : 2.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -442.322+/-1689.500 χ^2/NDF : 3.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

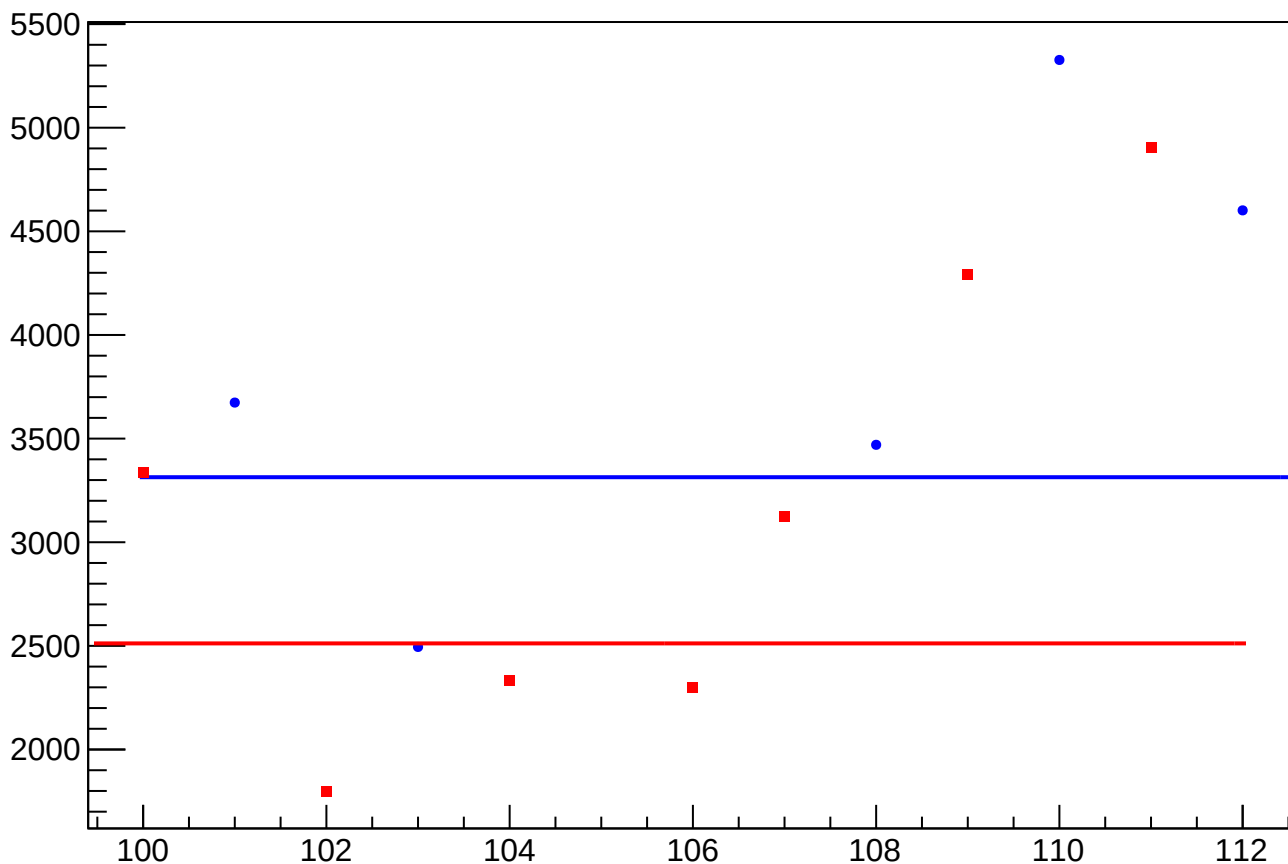
Right: 876.705+/-1329.802 χ^2/NDF : 7.9/11

In: 3024.450+/-2155.872 χ^2/NDF : 2.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 876.705+/-1329.802 χ^2/NDF : 7.9/11

asym_atr_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3313.767+/-1.524 χ^2/NDF : 329962.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2511.921+/-1.195 χ^2/NDF : 556359.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

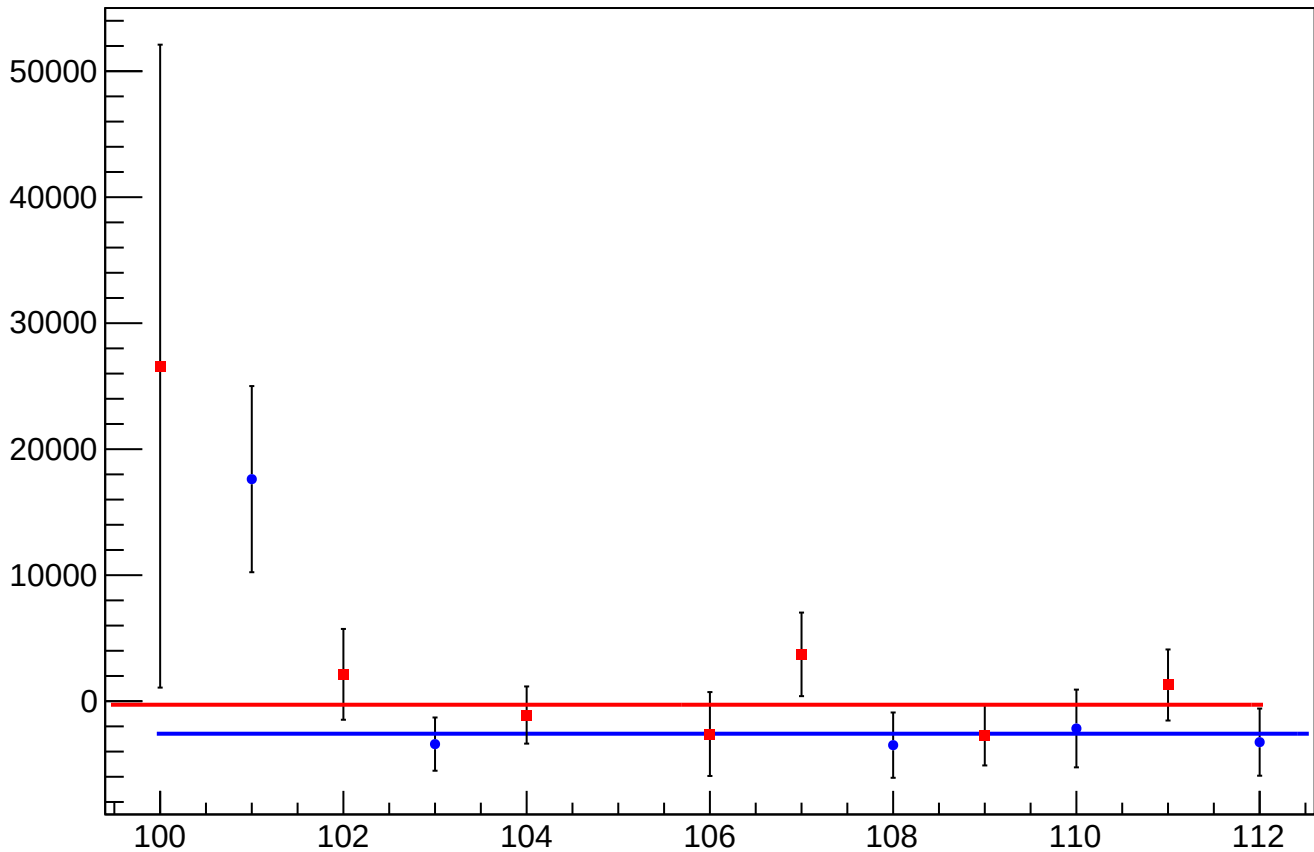
Right: 2817.005+/-0.940 χ^2/NDF : 1057727.0/11

In: 3313.767+/-1.524 χ^2/NDF : 329962.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2817.005+/-0.940 χ^2/NDF : 1057727.0/11

cor_asym_atr_dd_mean vs Slug, Sign Corrected



Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

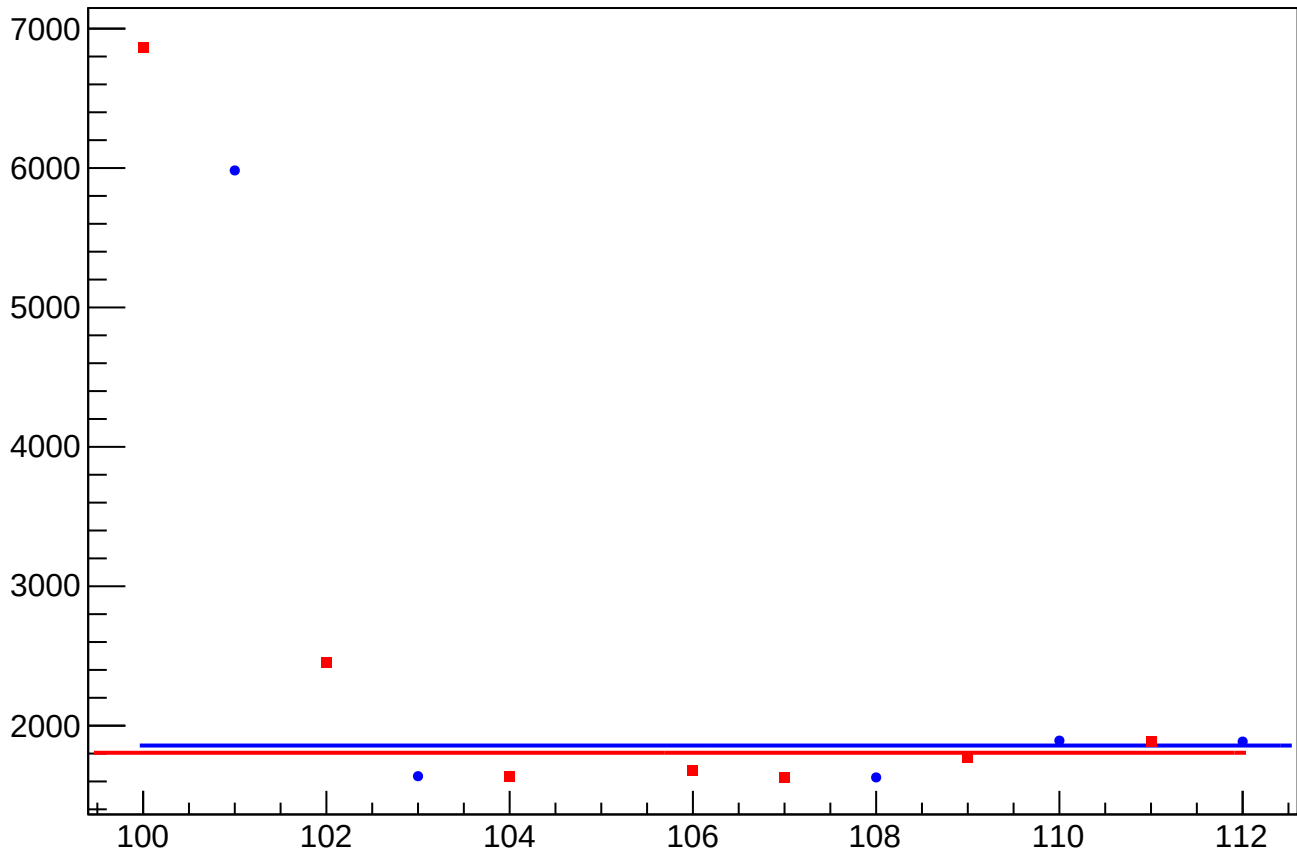
Right: -1336.464 $\pm$ 848.127 χ^2/NDF : 14.6/11

In: -2582.476 $\pm$ 1252.812 χ^2/NDF : 7.8/4

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -1336.464 $\pm$ 848.127 χ^2/NDF : 14.6/11

cor_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1857.555+/-0.886 χ^2/NDF : 661437.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1805.703+/-0.811 χ^2/NDF : 165965.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

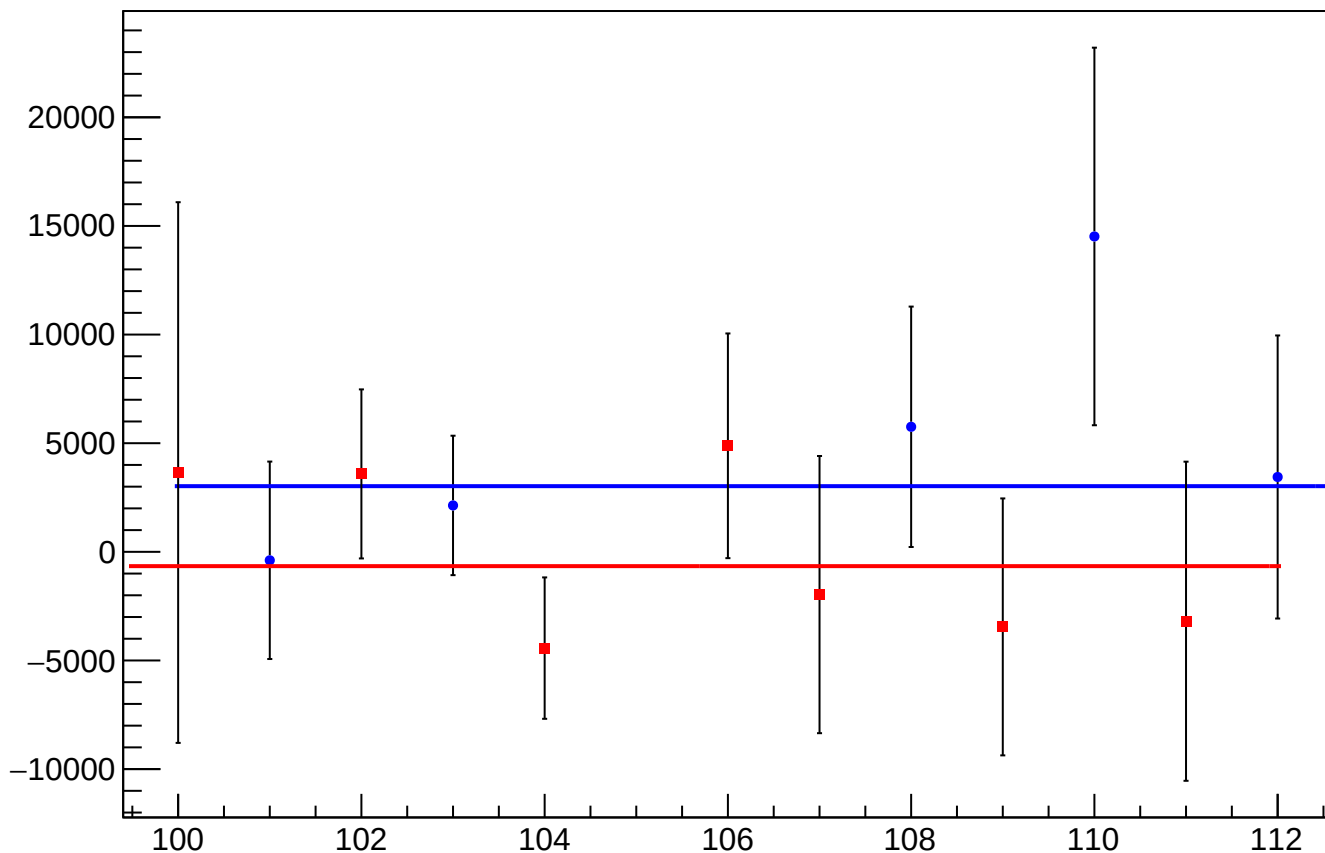
Right: 1829.360+/-0.598 χ^2/NDF : 829265.5/11

In: 1857.555+/-0.886 χ^2/NDF : 661437.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1829.360+/-0.598 χ^2/NDF : 829265.5/11

asym_atr_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 3022.796+/-2156.409 χ^2/NDF : 2.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -658.453+/-1903.196 χ^2/NDF : 4.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

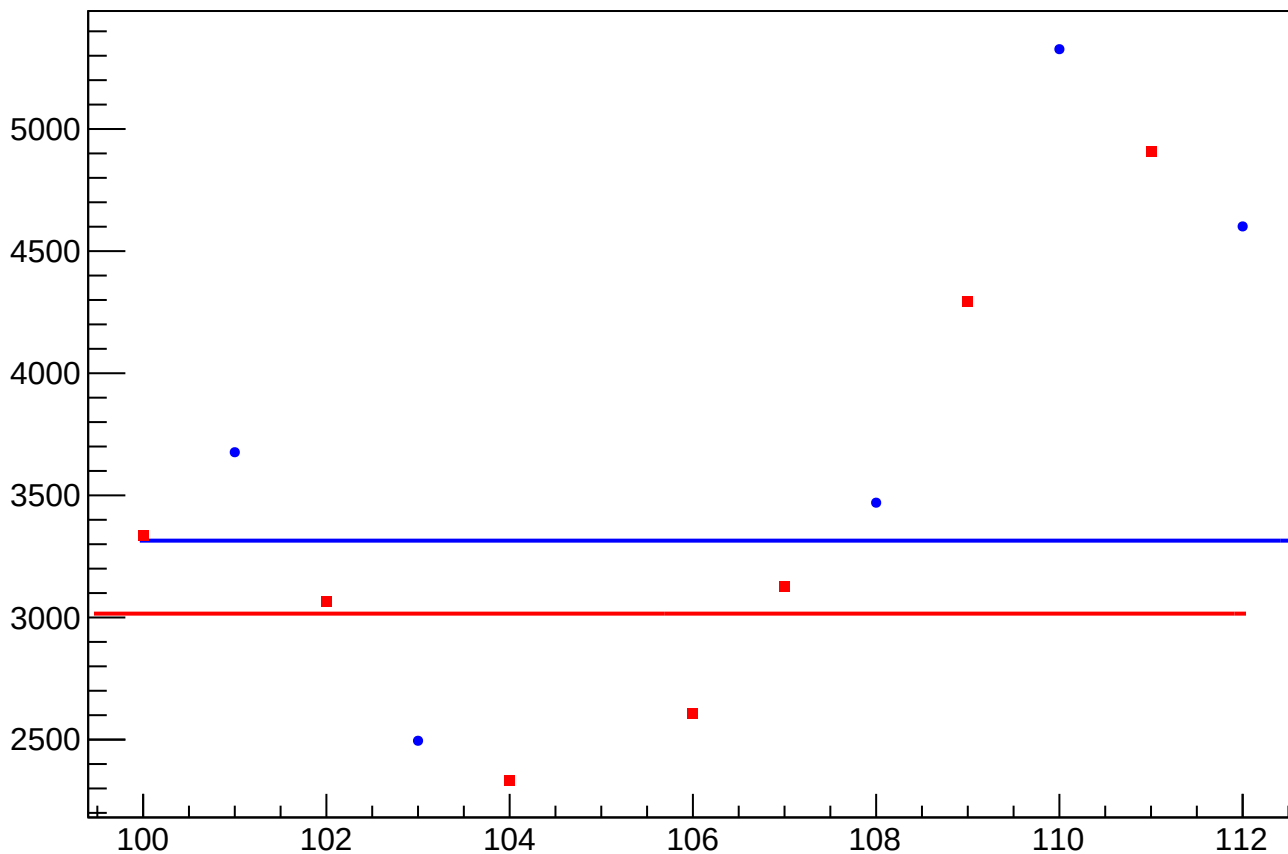
Right: 953.447+/-1426.930 χ^2/NDF : 8.5/11

In: 3022.796+/-2156.409 χ^2/NDF : 2.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 953.447+/-1426.930 χ^2/NDF : 8.5/11

asym_atr_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3314.627+/-1.525 χ^2/NDF : 329943.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3015.800+/-1.346 χ^2/NDF : 328274.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

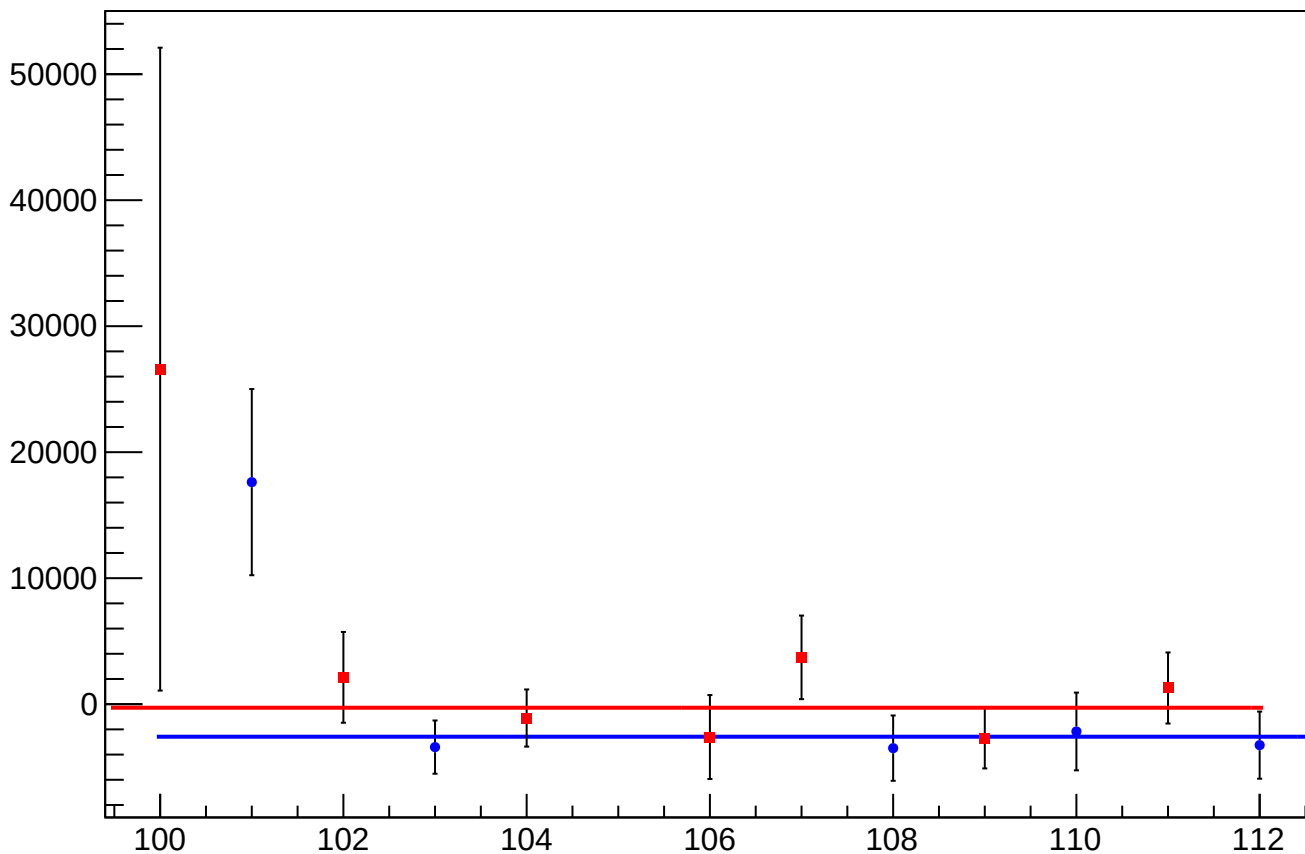
Right: 3146.647+/-1.009 χ^2/NDF : 679807.7/11

In: 3314.627+/-1.525 χ^2/NDF : 329943.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3146.647+/-1.009 χ^2/NDF : 679807.7/11

eigen_cor_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2582.476+/-1252.812 χ^2 /NDF: 7.8/4

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -282.284+/-1152.344 χ^2 /NDF: 4.9/6

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

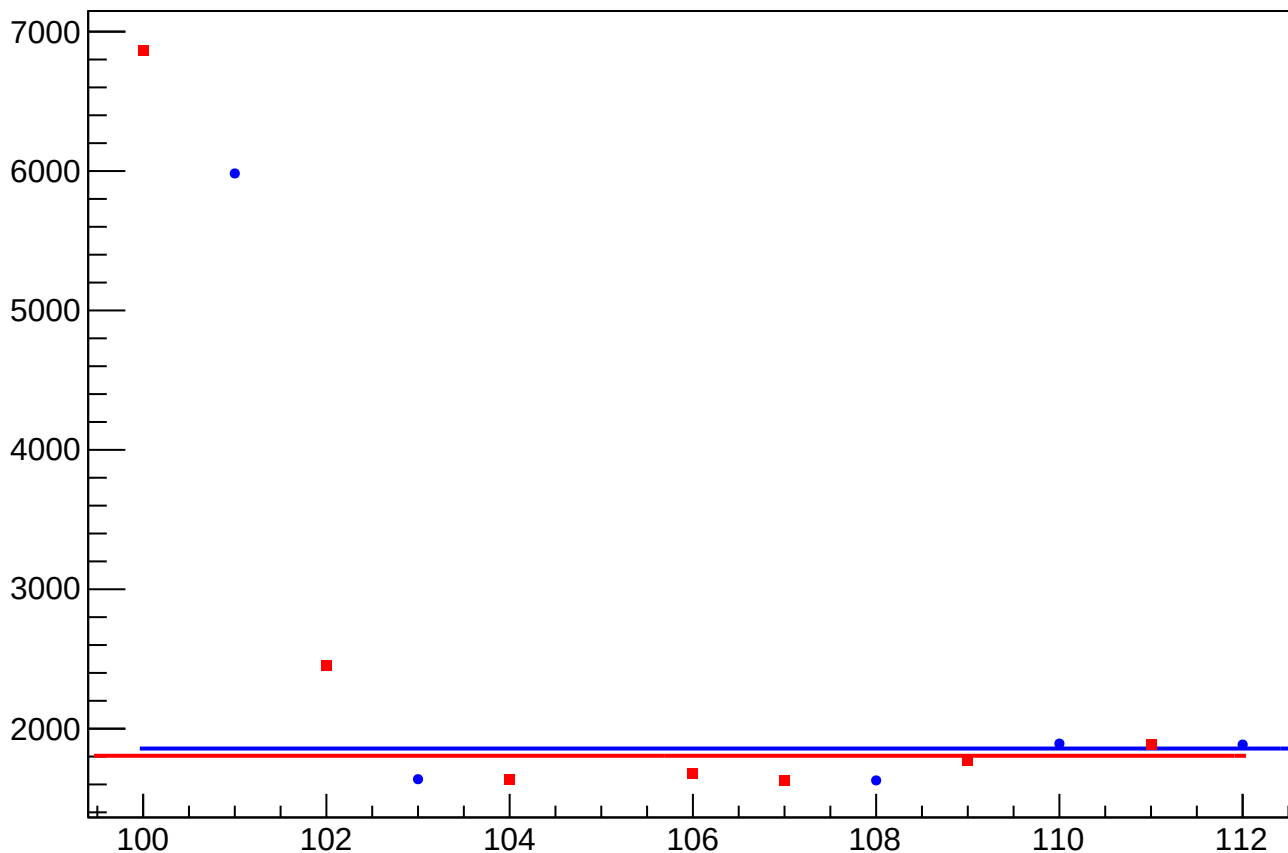
Right: -1336.464+/-848.127 χ^2 /NDF: 14.6/11

In: -2582.476+/-1252.812 χ^2 /NDF: 7.8/4

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1336.464+/-848.127 χ^2 /NDF: 14.6/11

eigen_cor_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1857.555+/-0.886 χ^2/NDF : 661437.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1805.703+/-0.811 χ^2/NDF : 165965.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

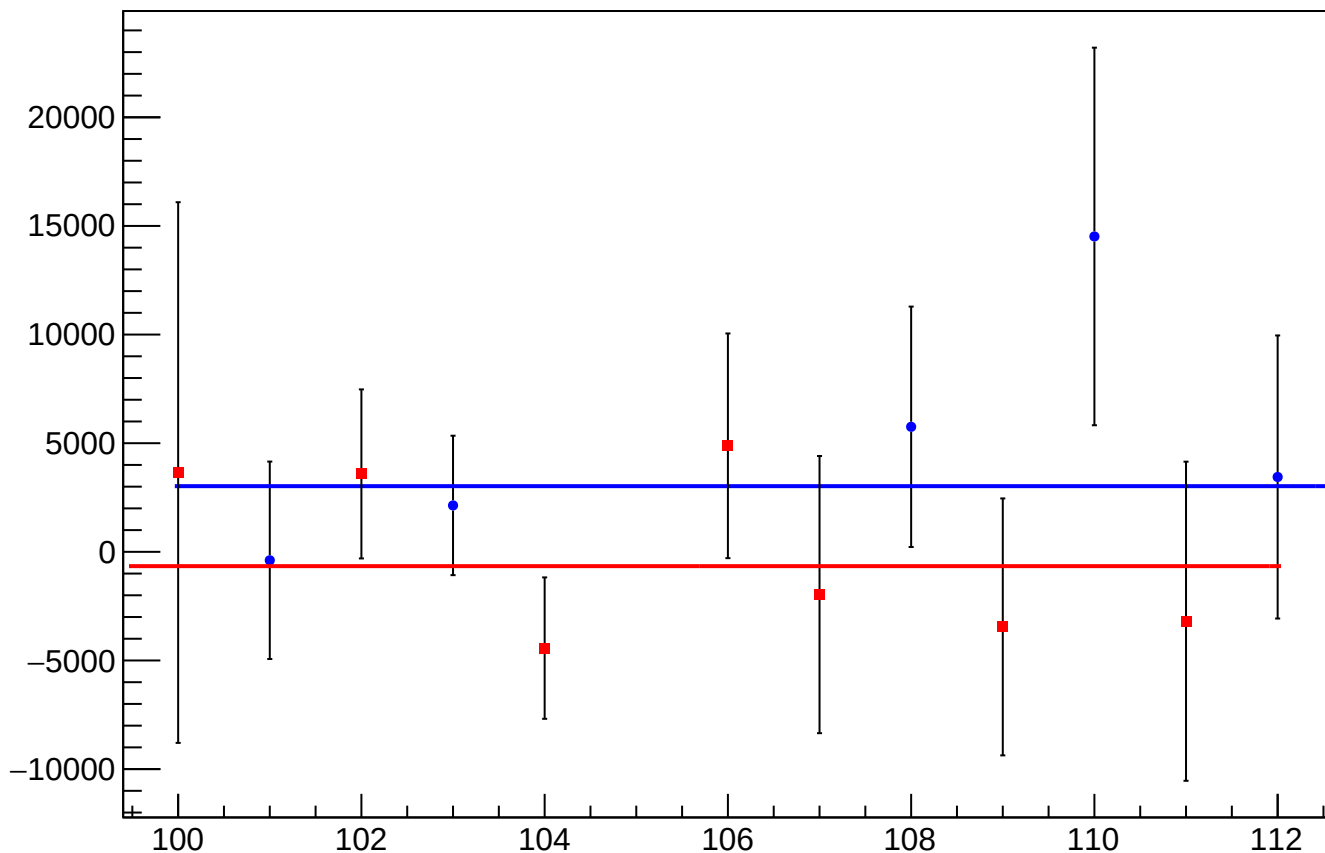
Right: 1829.360+/-0.598 χ^2/NDF : 829265.5/11

In: 1857.555+/-0.886 χ^2/NDF : 661437.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1829.360+/-0.598 χ^2/NDF : 829265.5/11

asym_atr_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 3022.796+/-2156.409 χ^2/NDF : 2.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -658.453+/-1903.196 χ^2/NDF : 4.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

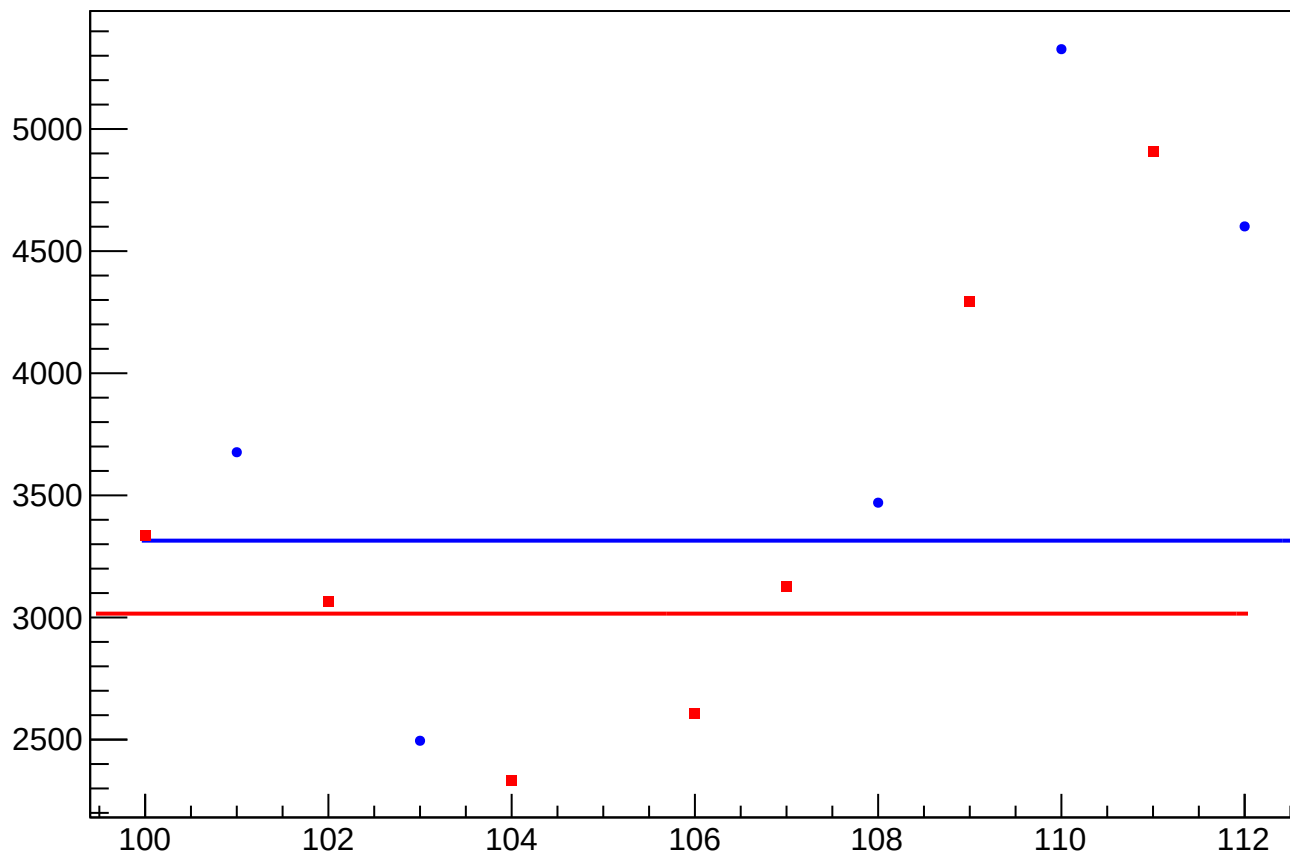
Right: 953.447+/-1426.930 χ^2/NDF : 8.5/11

In: 3022.796+/-2156.409 χ^2/NDF : 2.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 953.447+/-1426.930 χ^2/NDF : 8.5/11

asym_atr_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3314.627+/-1.525 χ^2/NDF : 329943.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3015.800+/-1.346 χ^2/NDF : 328274.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

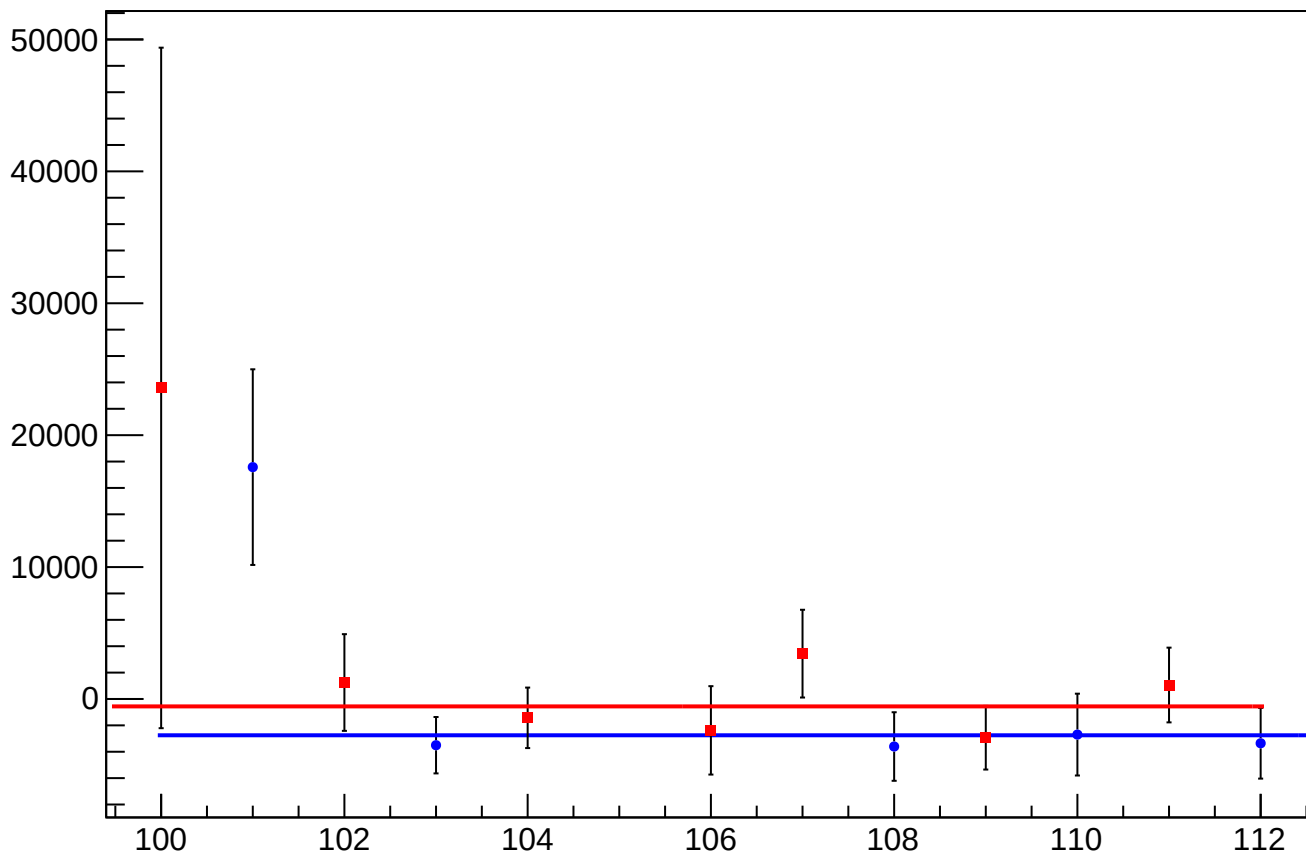
Right: 3146.647+/-1.009 χ^2/NDF : 679807.7/11

In: 3314.627+/-1.525 χ^2/NDF : 329943.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3146.647+/-1.009 χ^2/NDF : 679807.7/11

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2751.823 +/- 1261.620 χ^2/NDF : 7.8/4

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -562.113 +/- 1160.954 χ^2/NDF : 4.3/6

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

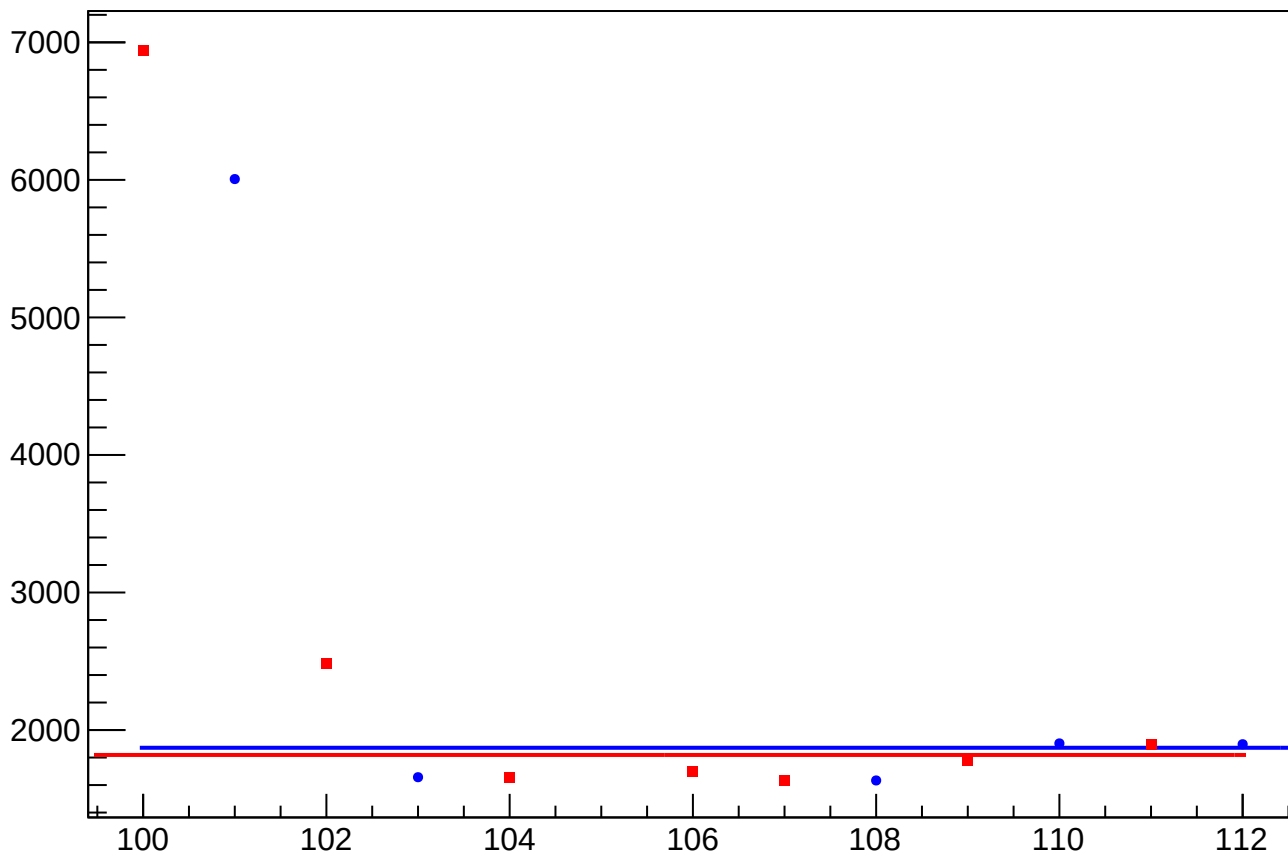
Right: -1566.135 +/- 854.293 χ^2/NDF : 13.7/11

In: -2751.823 +/- 1261.620 χ^2/NDF : 7.8/4

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -1566.135 +/- 854.293 χ^2/NDF : 13.7/11

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1871.124+/-0.892 χ^2/NDF : 658896.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1818.820+/-0.819 χ^2/NDF : 165942.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

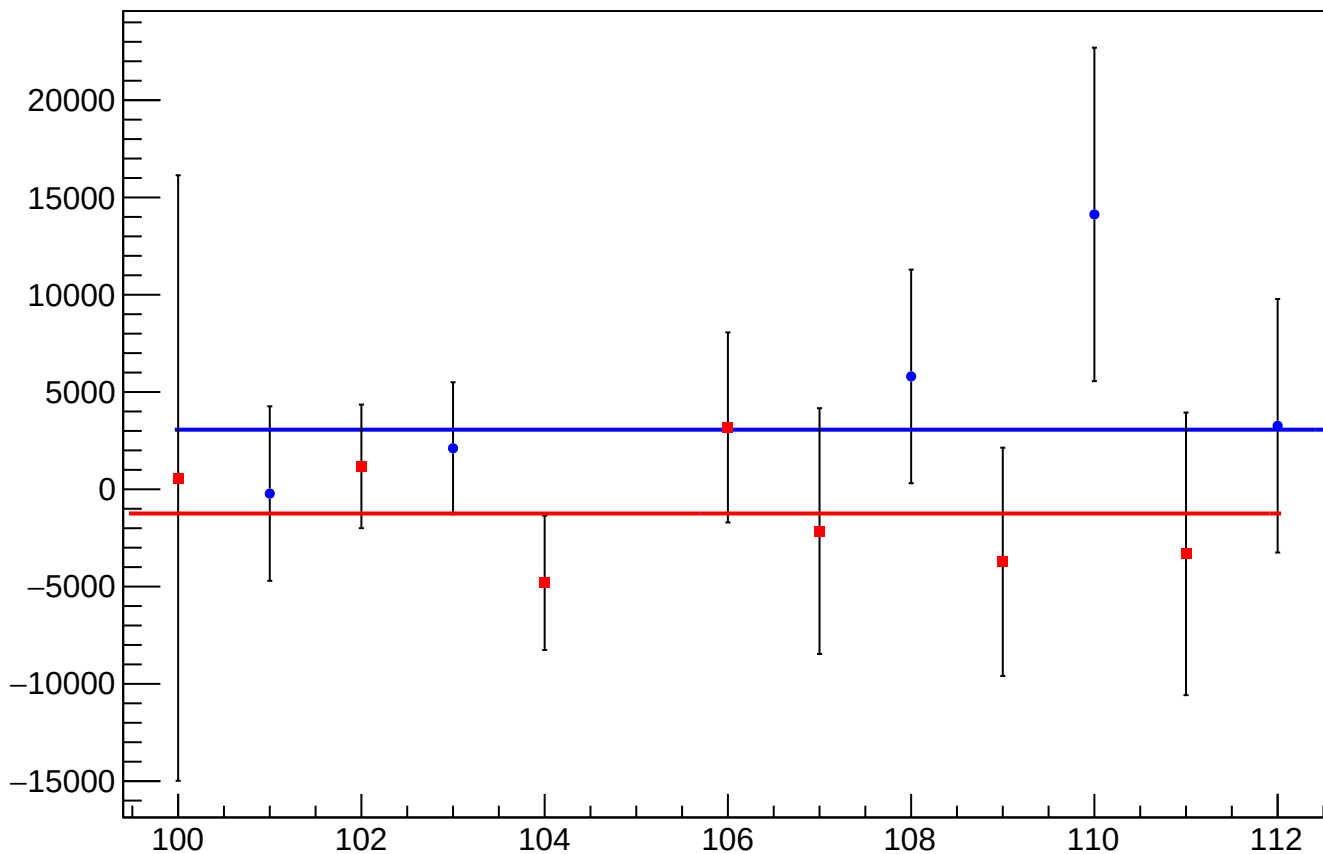
Right: 1842.729+/-0.603 χ^2/NDF : 826705.7/11

In: 1871.124+/-0.892 χ^2/NDF : 658896.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1842.729+/-0.603 χ^2/NDF : 826705.7/11

asym_atr_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 3064.714+/-2198.766 χ^2/NDF : 2.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1243.534+/-1819.196 χ^2/NDF : 2.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

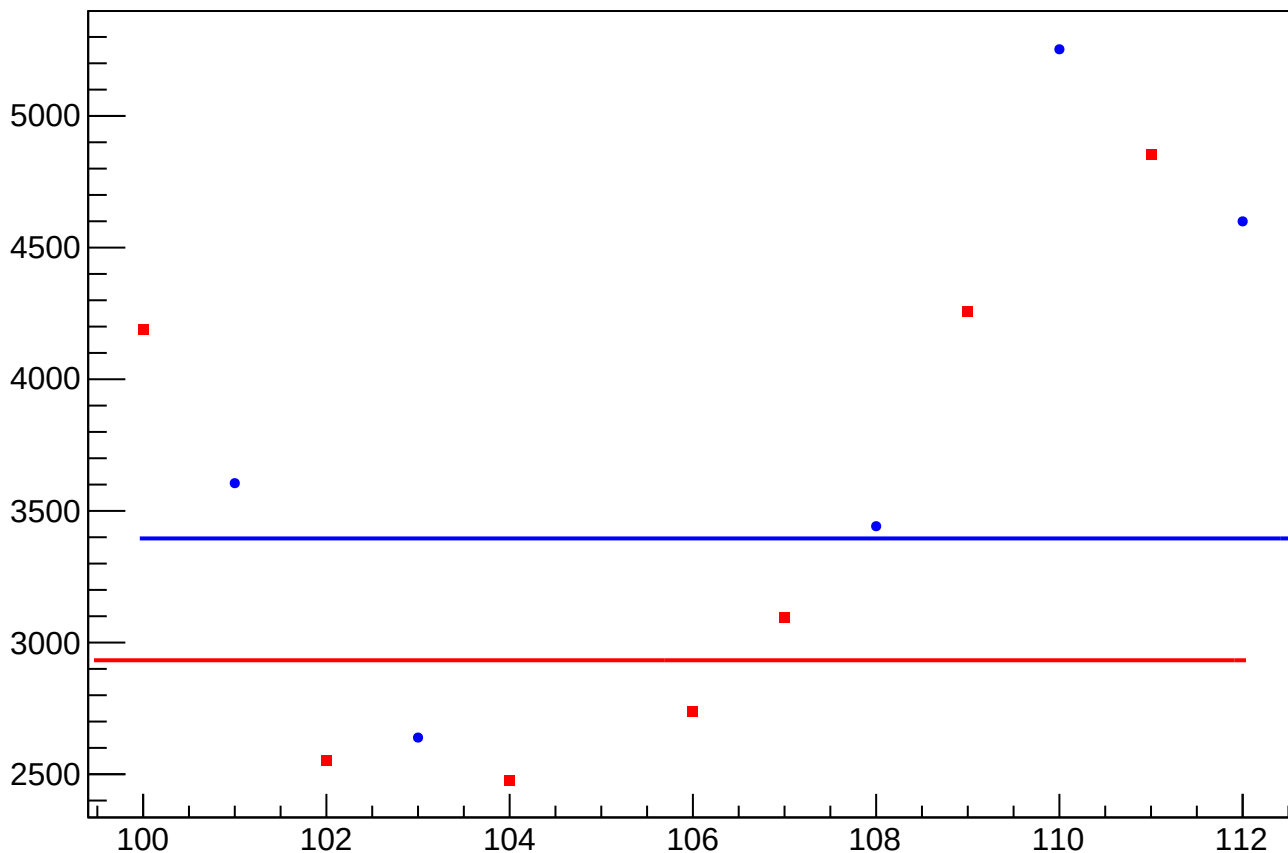
Right: 507.197+/-1401.646 χ^2/NDF : 7.6/11

In: 3064.714+/-2198.766 χ^2/NDF : 2.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 507.197+/-1401.646 χ^2/NDF : 7.6/11

asym_atr_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3395.489+/-1.555 χ^2/NDF : 266111.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2932.751+/-1.286 χ^2/NDF : 322478.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

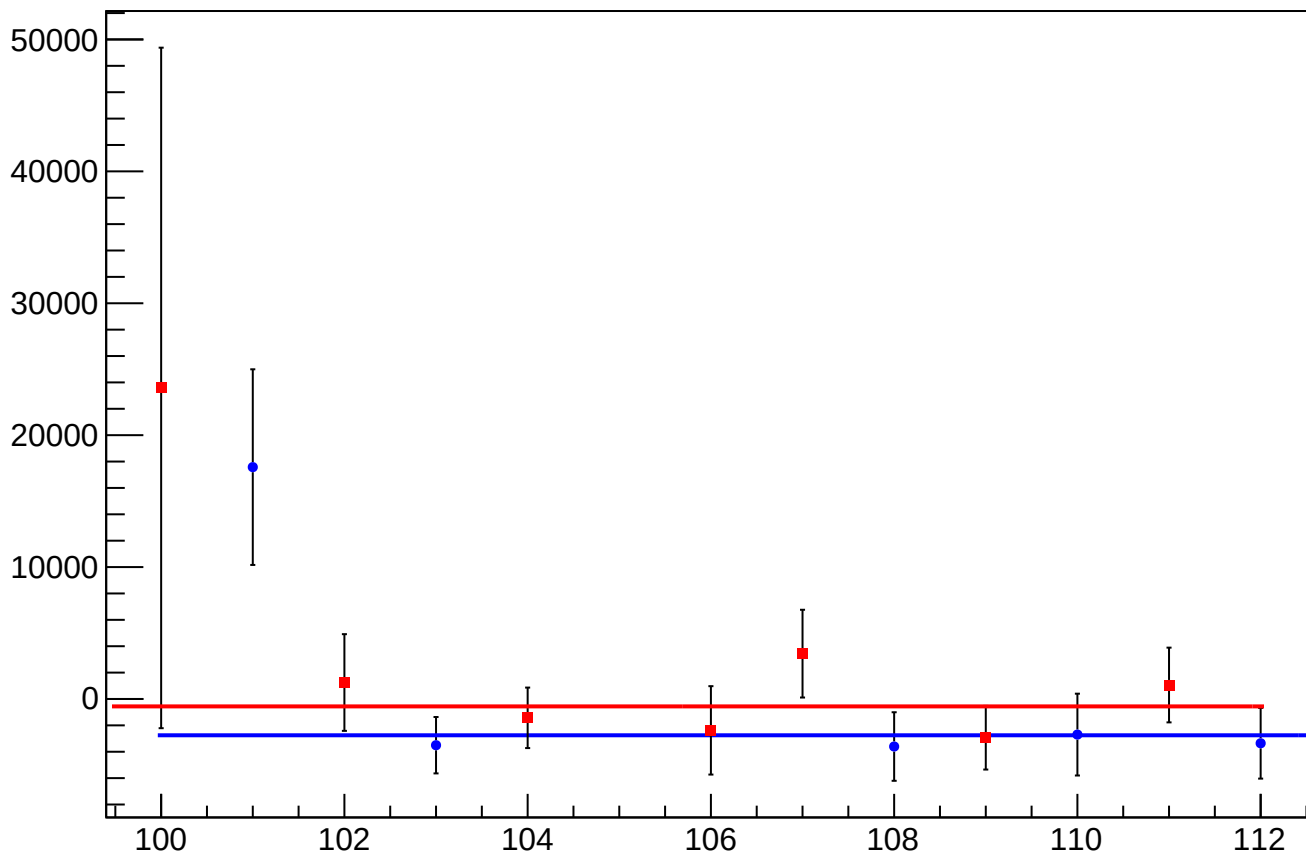
Right: 3120.793+/-0.991 χ^2/NDF : 641175.2/11

In: 3395.489+/-1.555 χ^2/NDF : 266111.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3120.793+/-0.991 χ^2/NDF : 641175.2/11

eigen_dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2751.826+/-1261.620 χ^2/NDF : 7.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -562.114+/-1160.954 χ^2/NDF : 4.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

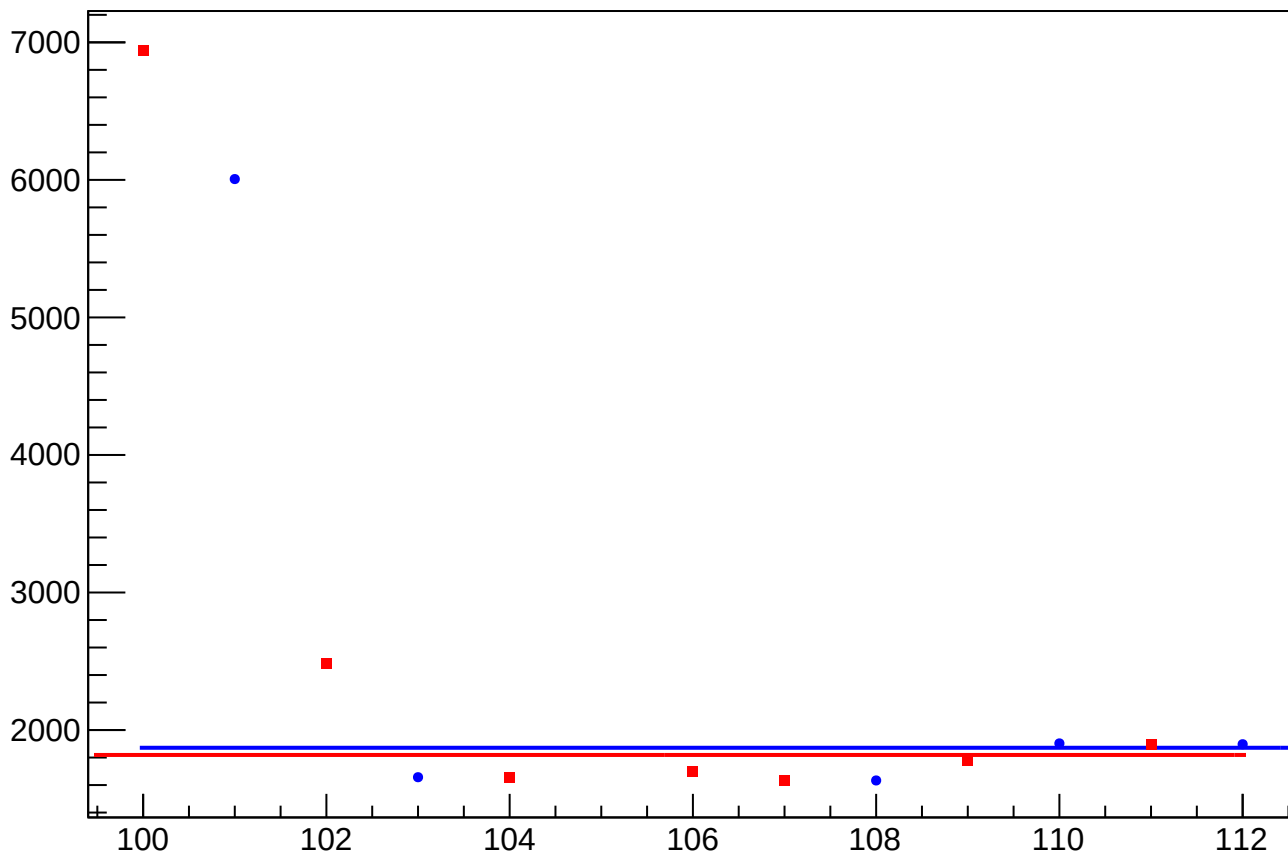
Right: -1566.137+/-854.293 χ^2/NDF : 13.7/11

In: -2751.826+/-1261.620 χ^2/NDF : 7.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1566.137+/-854.293 χ^2/NDF : 13.7/11

eigen_dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1871.124+/-0.892 χ^2/NDF : 658896.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1818.821+/-0.819 χ^2/NDF : 165942.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

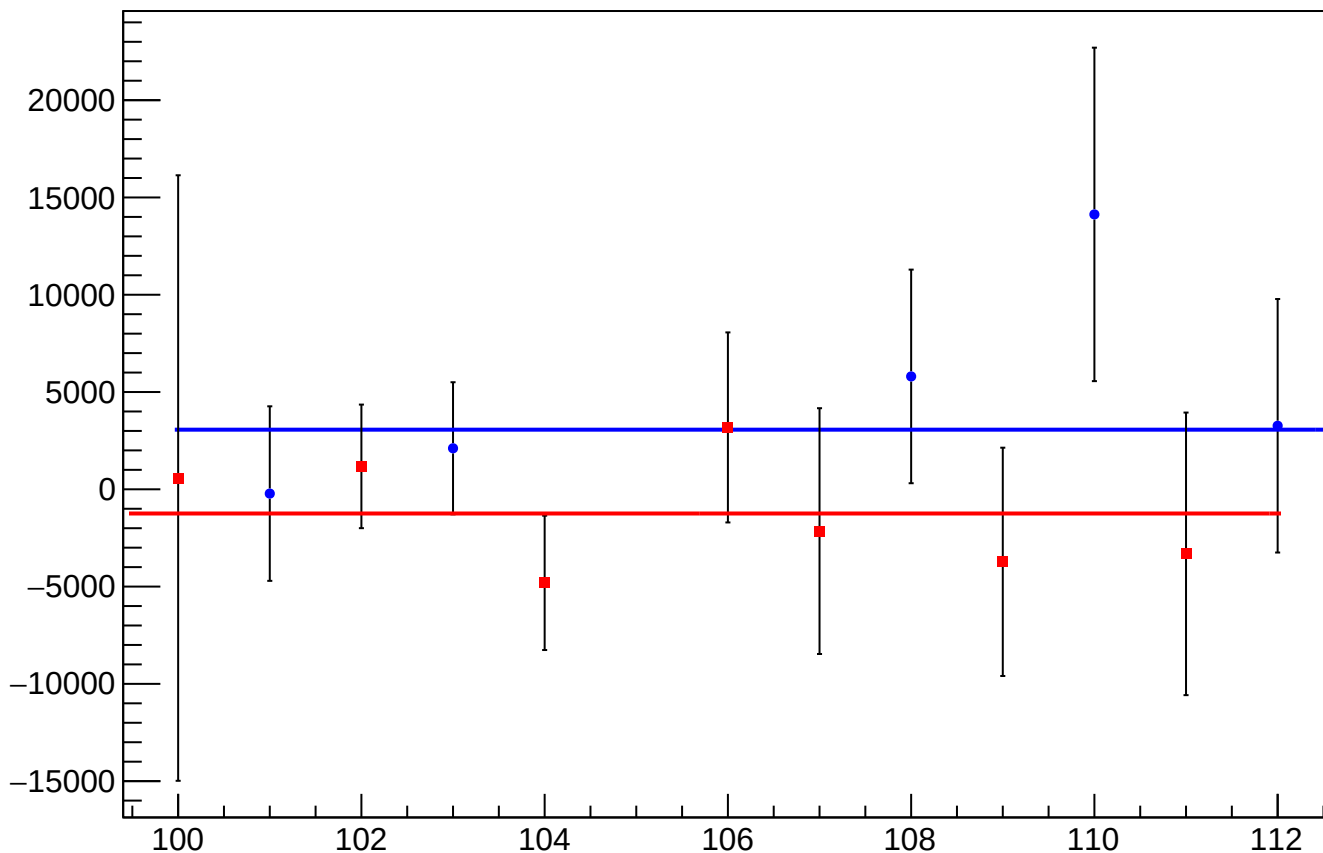
Right: 1842.729+/-0.603 χ^2/NDF : 826705.7/11

In: 1871.124+/-0.892 χ^2/NDF : 658896.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1842.729+/-0.603 χ^2/NDF : 826705.7/11

asym_atr_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 3064.719+/-2198.765 χ^2/NDF : 2.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1243.537+/-1819.194 χ^2/NDF : 2.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

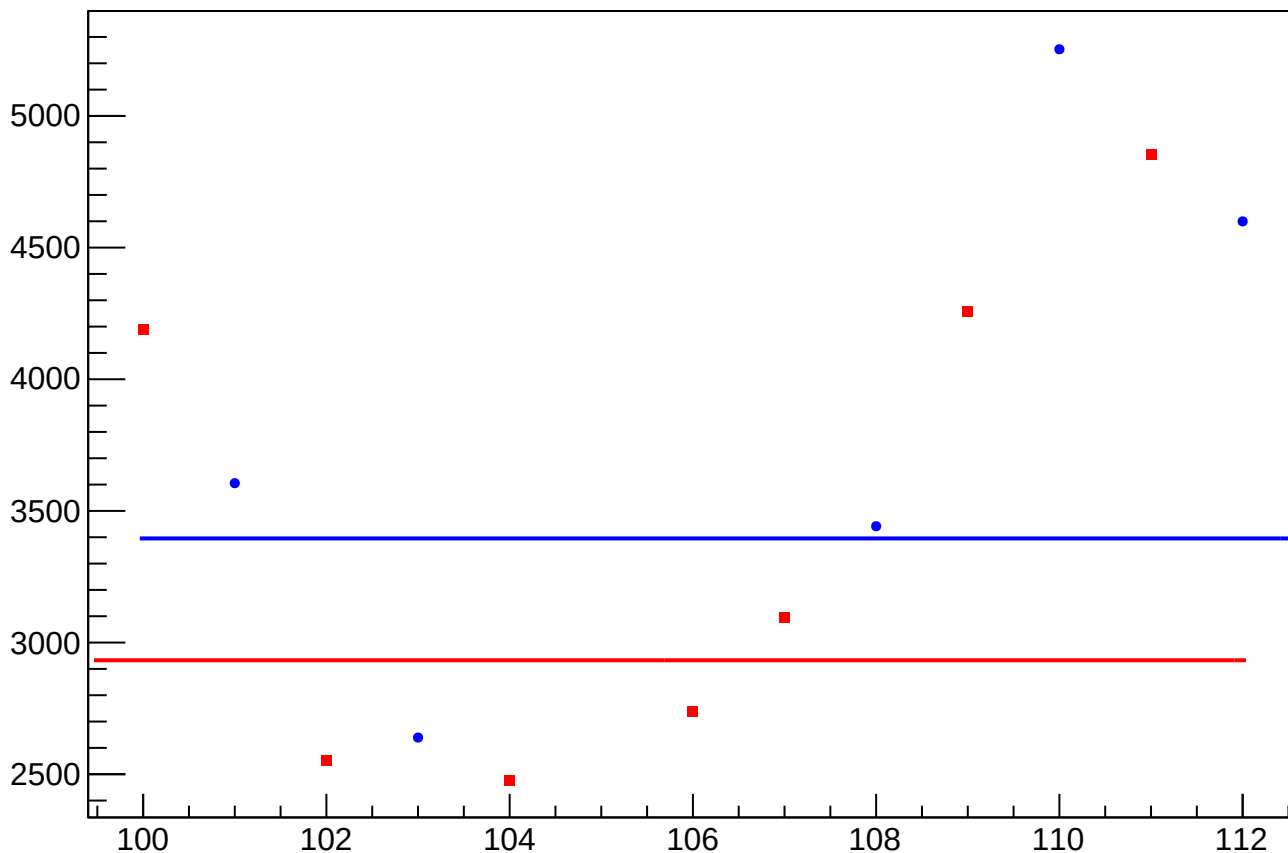
Right: 507.197+/-1401.645 χ^2/NDF : 7.6/11

In: 3064.719+/-2198.765 χ^2/NDF : 2.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 507.197+/-1401.645 χ^2/NDF : 7.6/11

asym_atr_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3395.488+/-1.555 χ^2/NDF : 266110.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2932.749+/-1.286 χ^2/NDF : 322477.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

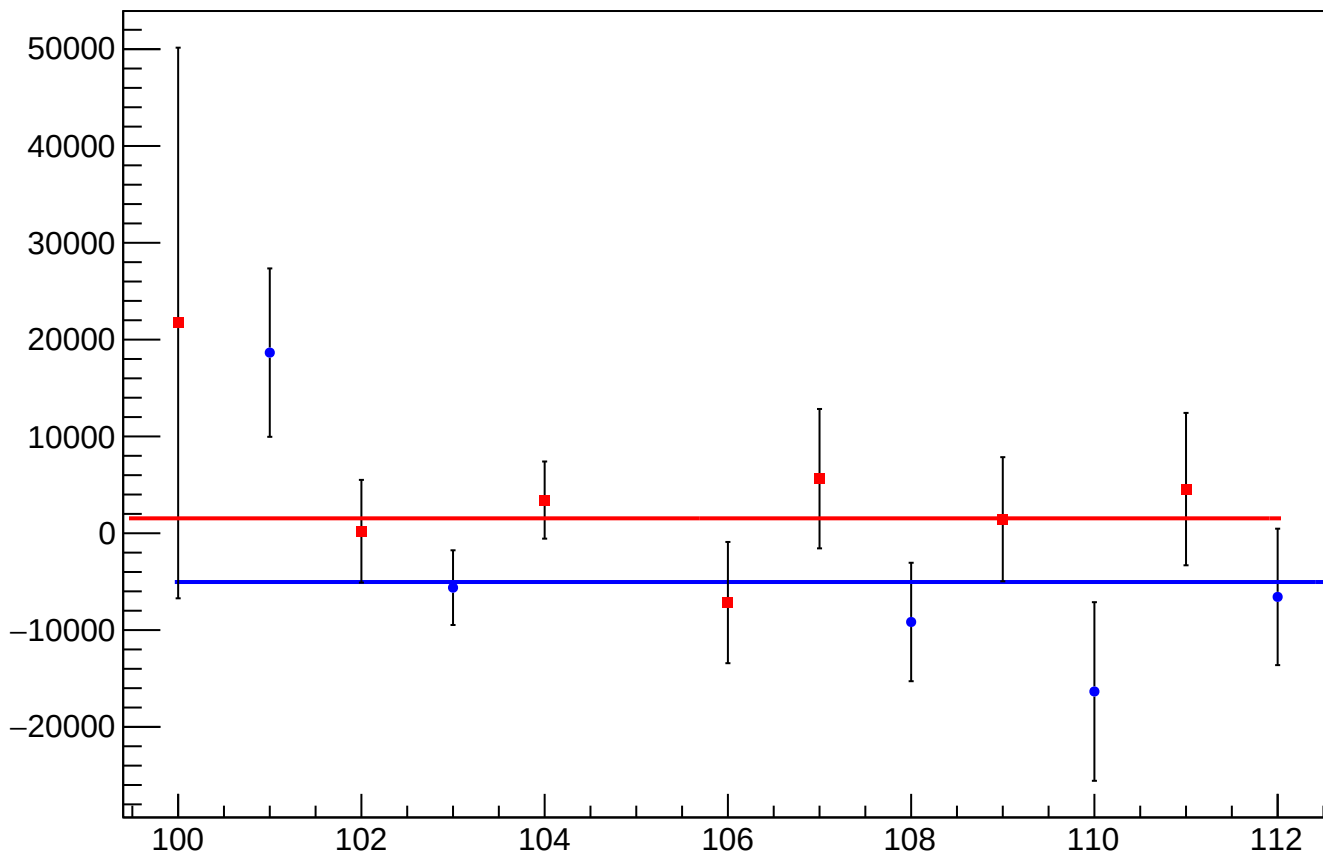
Right: 3120.791+/-0.991 χ^2/NDF : 641172.7/11

In: 3395.488+/-1.555 χ^2/NDF : 266110.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3120.791+/-0.991 χ^2/NDF : 641172.7/11

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -5035.555 +/- 2681.756 χ^2/NDF : 9.5/4

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 1541.617 +/- 2324.753 χ^2/NDF : 3.2/6

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

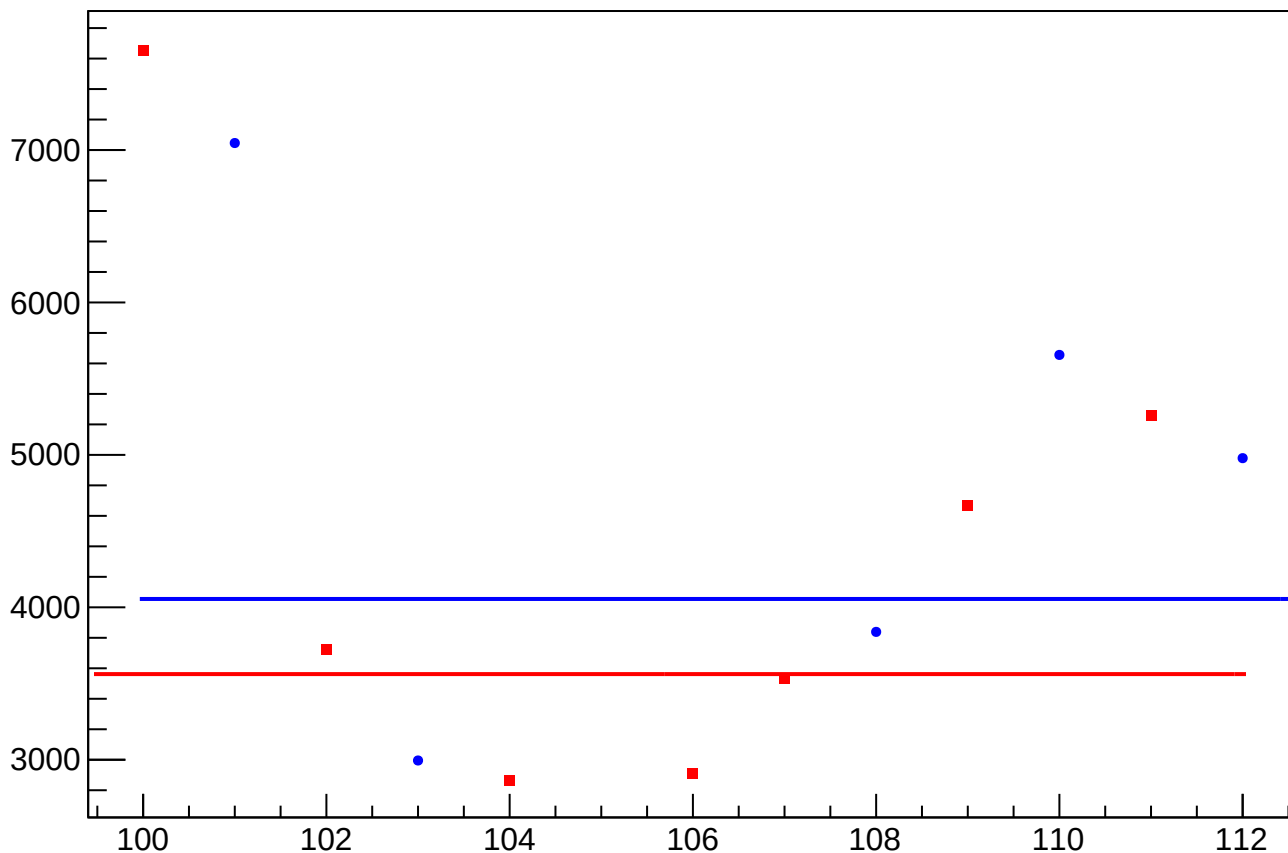
Right: -1280.338 +/- 1756.607 χ^2/NDF : 16.1/11

In: -5035.555 +/- 2681.756 χ^2/NDF : 9.5/4

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -1280.338 +/- 1756.607 χ^2/NDF : 16.1/11

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4054.803+/-1.896 χ^2/NDF : 484615.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3561.951+/-1.617 χ^2/NDF : 284212.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

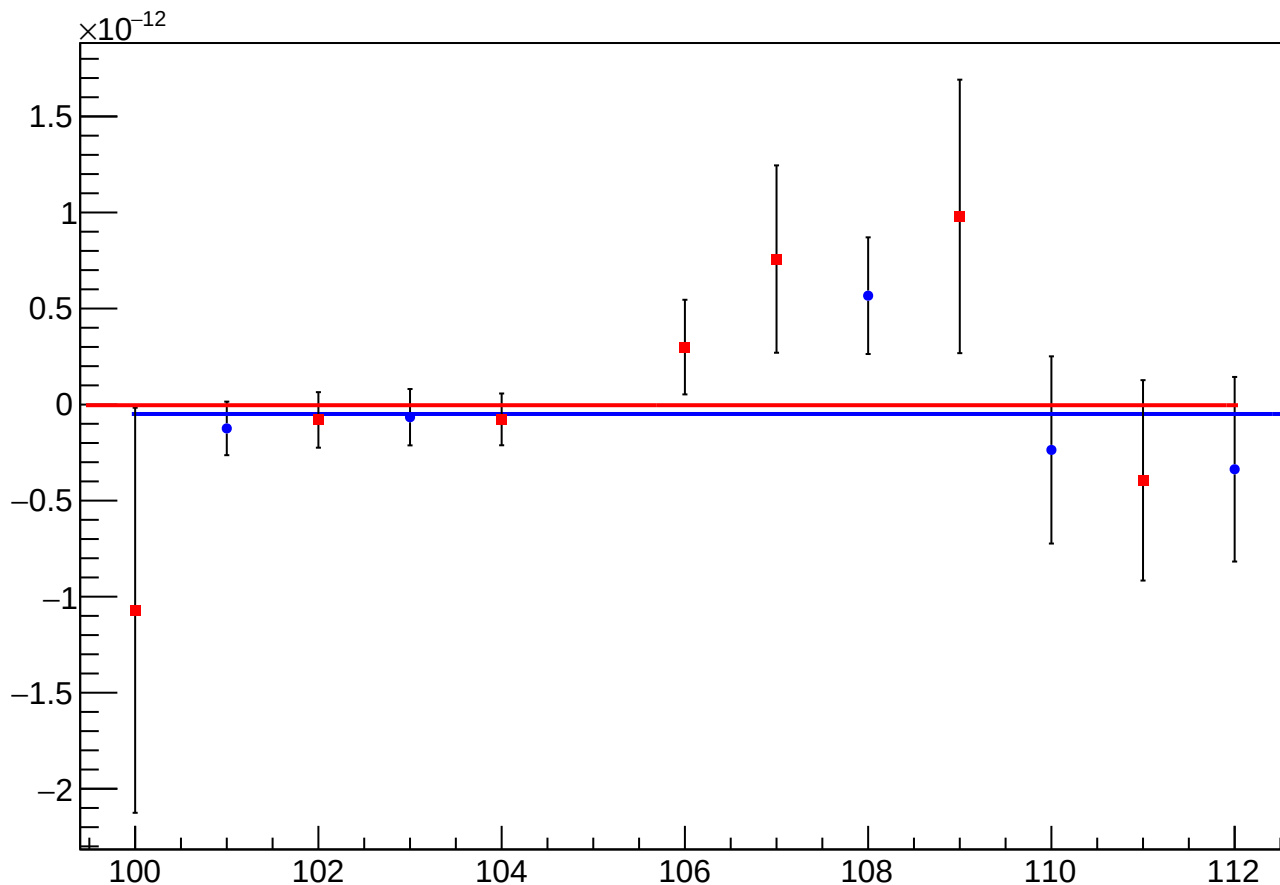
Right: 3769.394+/-1.230 χ^2/NDF : 807945.5/11

In: 4054.803+/-1.896 χ^2/NDF : 484615.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3769.394+/-1.230 χ^2/NDF : 807945.5/11

asym_atr_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

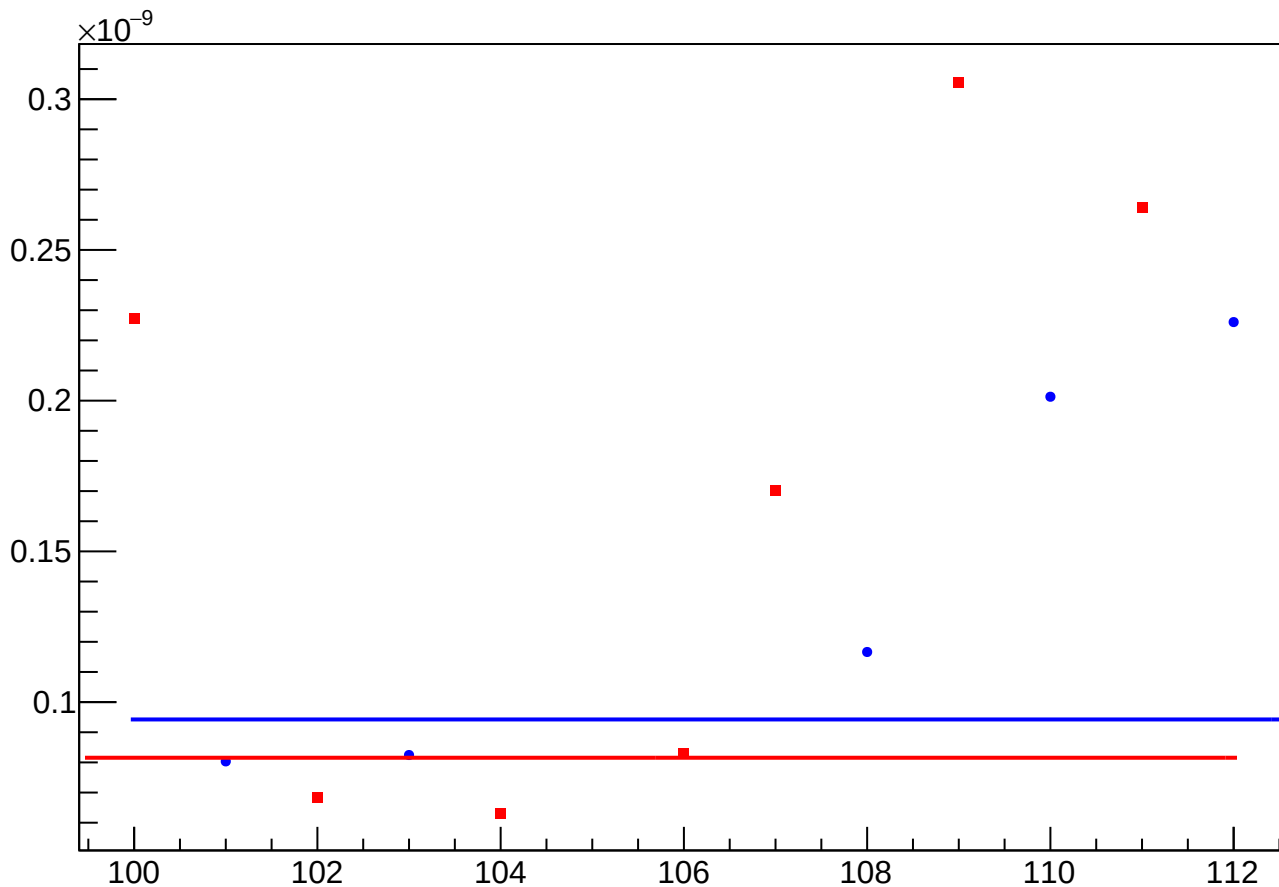
Right: -0.000+/-0.000 χ^2/NDF : 13.1/11

In: -0.000+/-0.000 χ^2/NDF : 4.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.1/11

asym_atr_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 290771.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 601433.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

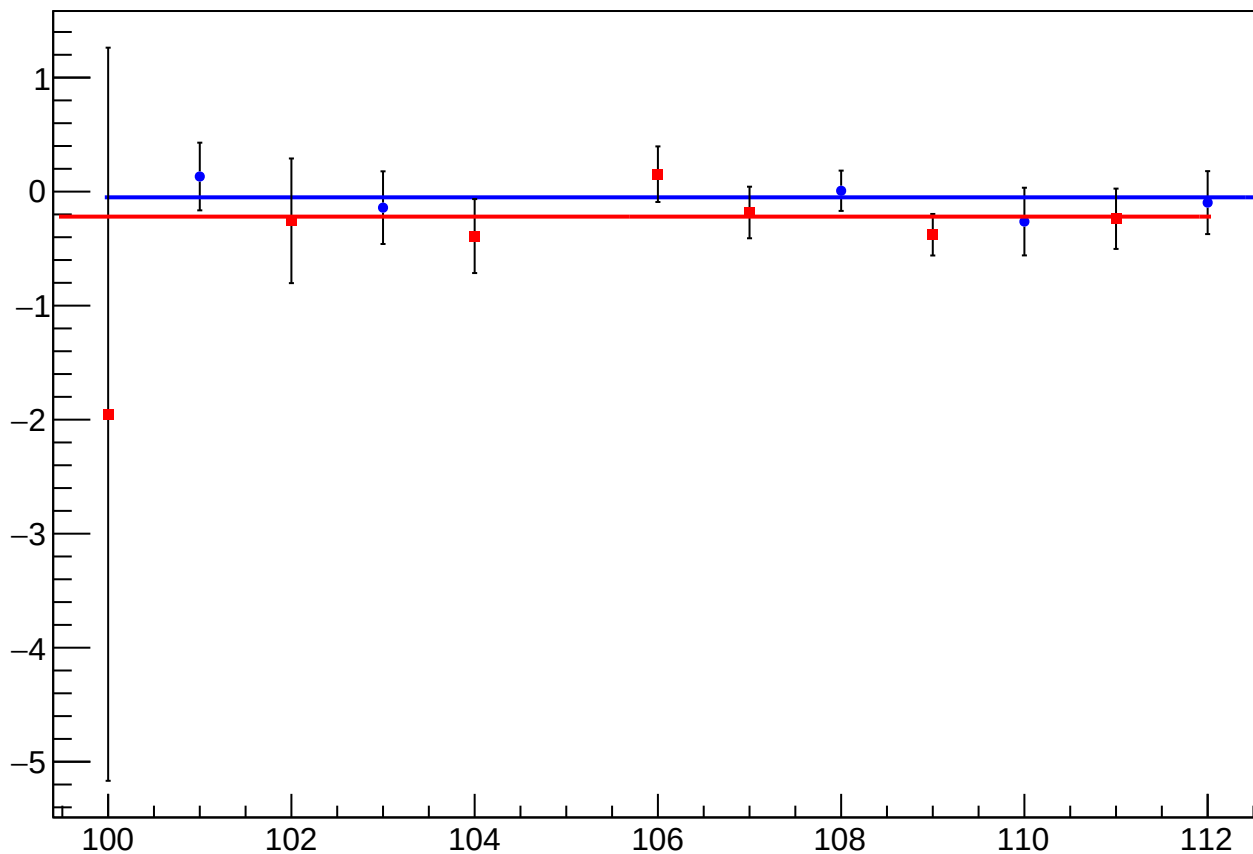
Right: 0.000+/-0.000 χ^2/NDF : 912107.7/11

In: 0.000+/-0.000 χ^2/NDF : 290771.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 912107.7/11

asym_atr_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.050 ± 0.113 χ^2/NDF : 1.1/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.219 ± 0.103 χ^2/NDF : 3.7/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

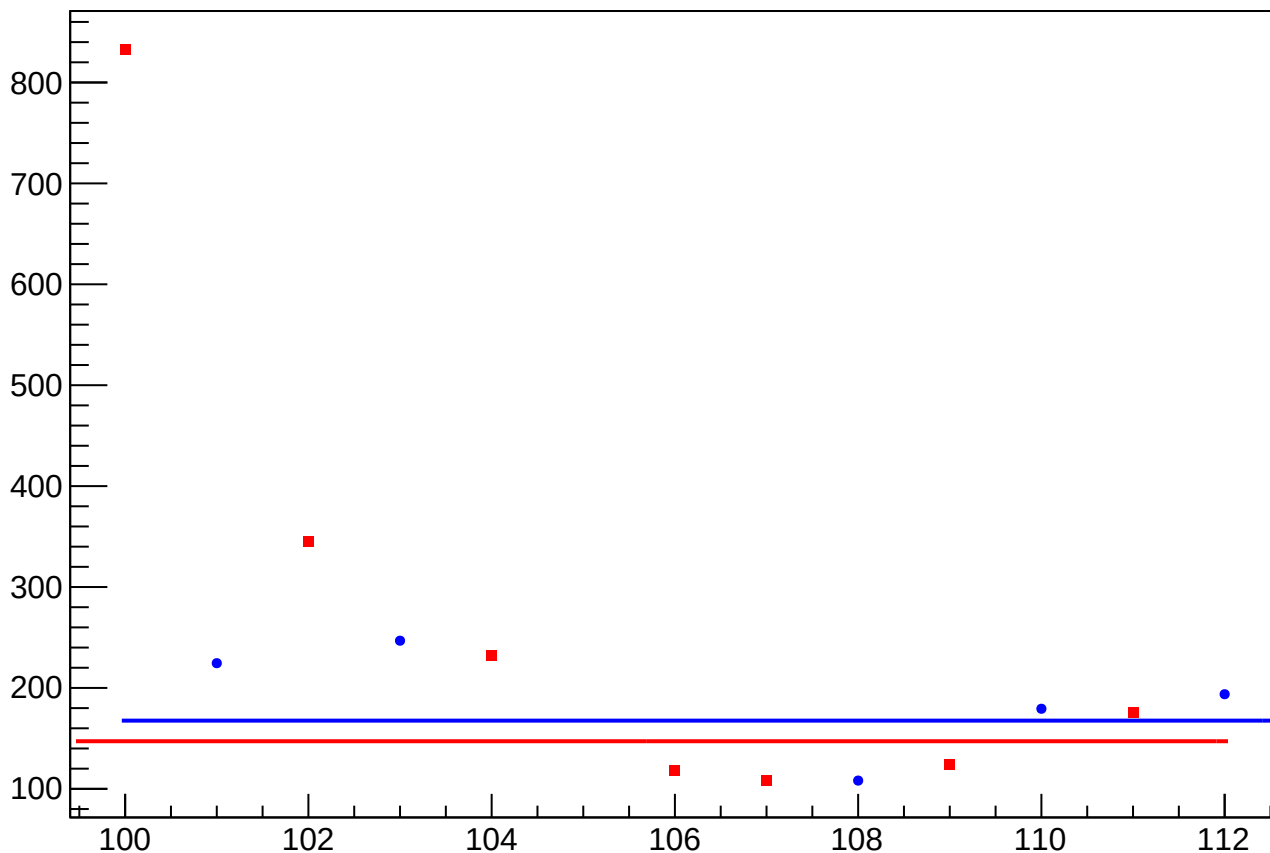
Right: -0.143 ± 0.076 χ^2/NDF : 6.0/11

In: -0.050 ± 0.113 χ^2/NDF : 1.1/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.143 ± 0.076 χ^2/NDF : 6.0/11

asym_atr_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 167.601+/-0.080 χ^2/NDF : 444478.6/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 147.181+/-0.073 χ^2/NDF : 633945.2/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

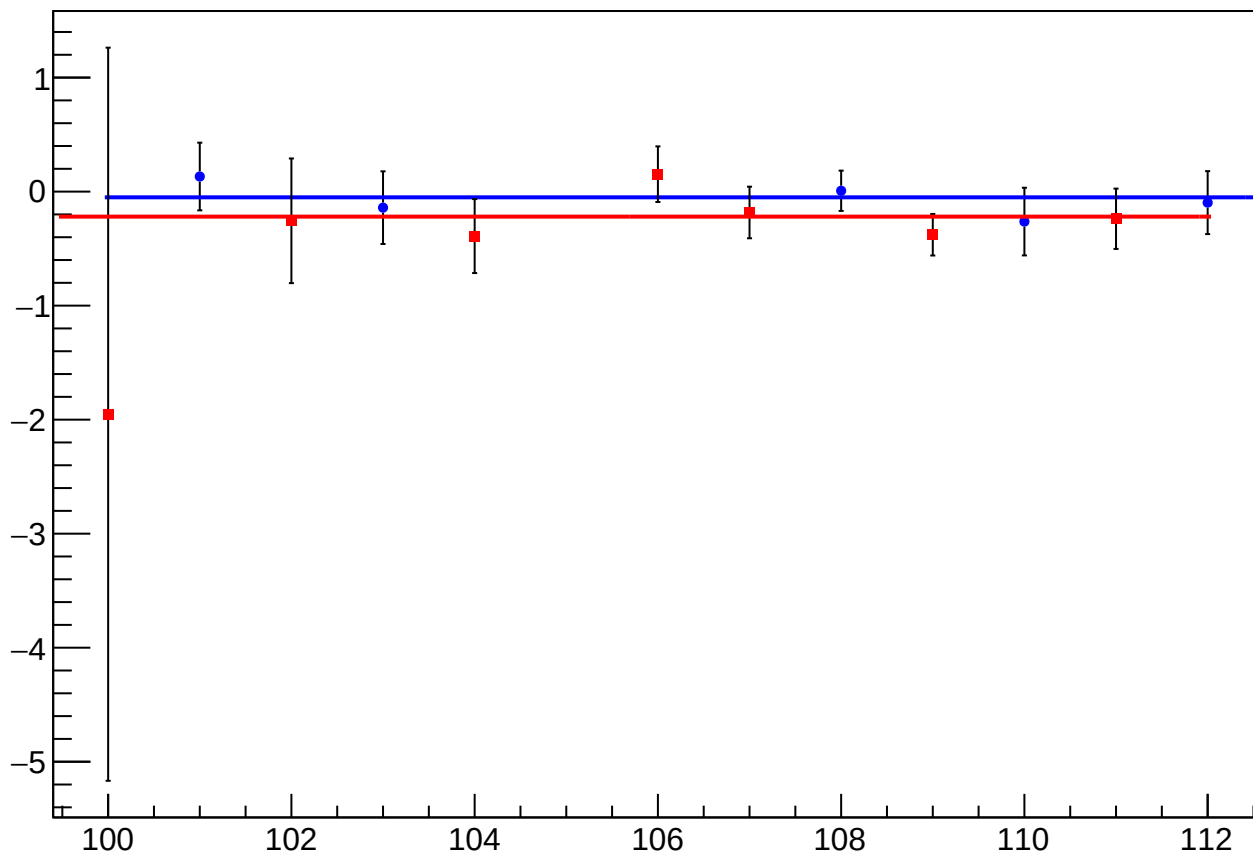
Right: 156.436+/-0.054 χ^2/NDF : 1113862.5/11

In: 167.601+/-0.080 χ^2/NDF :444478.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 156.436+/-0.054 χ^2/NDF : 1113862.5/11

asym_atr_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.050 ± 0.113 χ^2/NDF : 1.1/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.219 ± 0.103 χ^2/NDF : 3.7/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

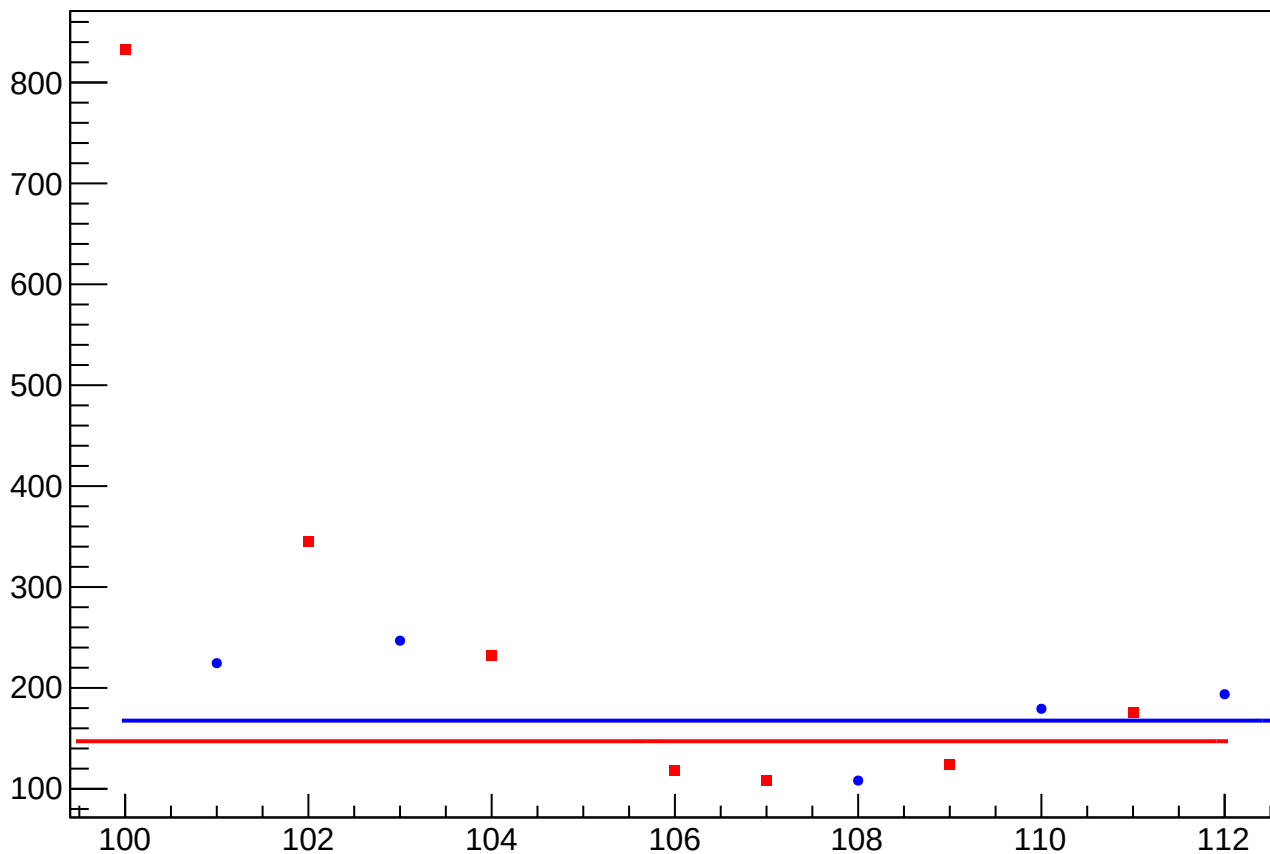
Right: -0.143 ± 0.076 χ^2/NDF : 6.0/11

In: -0.050 ± 0.113 χ^2/NDF : 1.1/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.143 ± 0.076 χ^2/NDF : 6.0/11

asym_atr_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 167.601+/-0.080 χ^2/NDF : 444478.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.181+/-0.073 χ^2/NDF : 633945.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

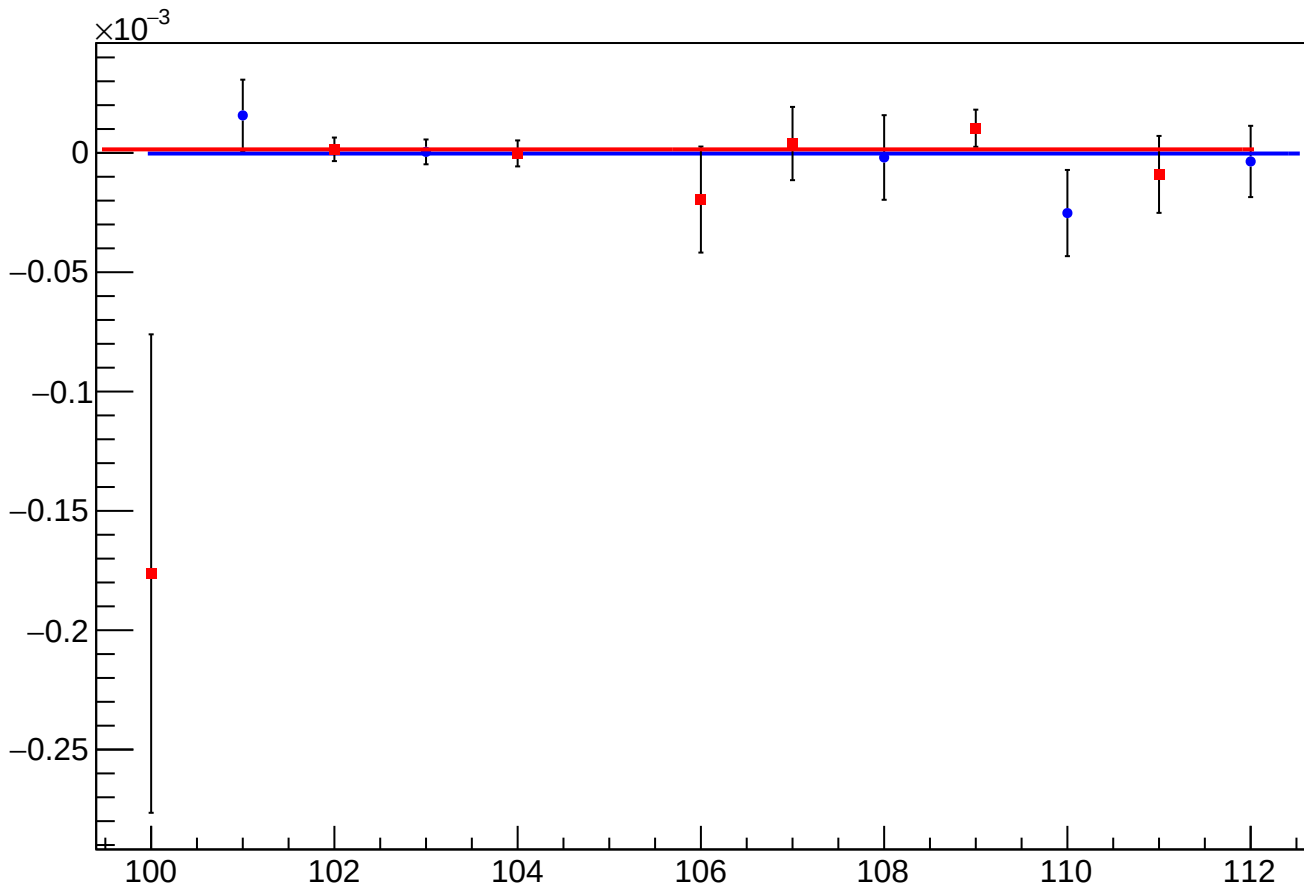
Right: 156.436+/-0.054 χ^2/NDF : 1113862.5/11

In: 167.601+/-0.080 χ^2/NDF : 444478.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.436+/-0.054 χ^2/NDF : 1113862.5/11

asym_atr_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

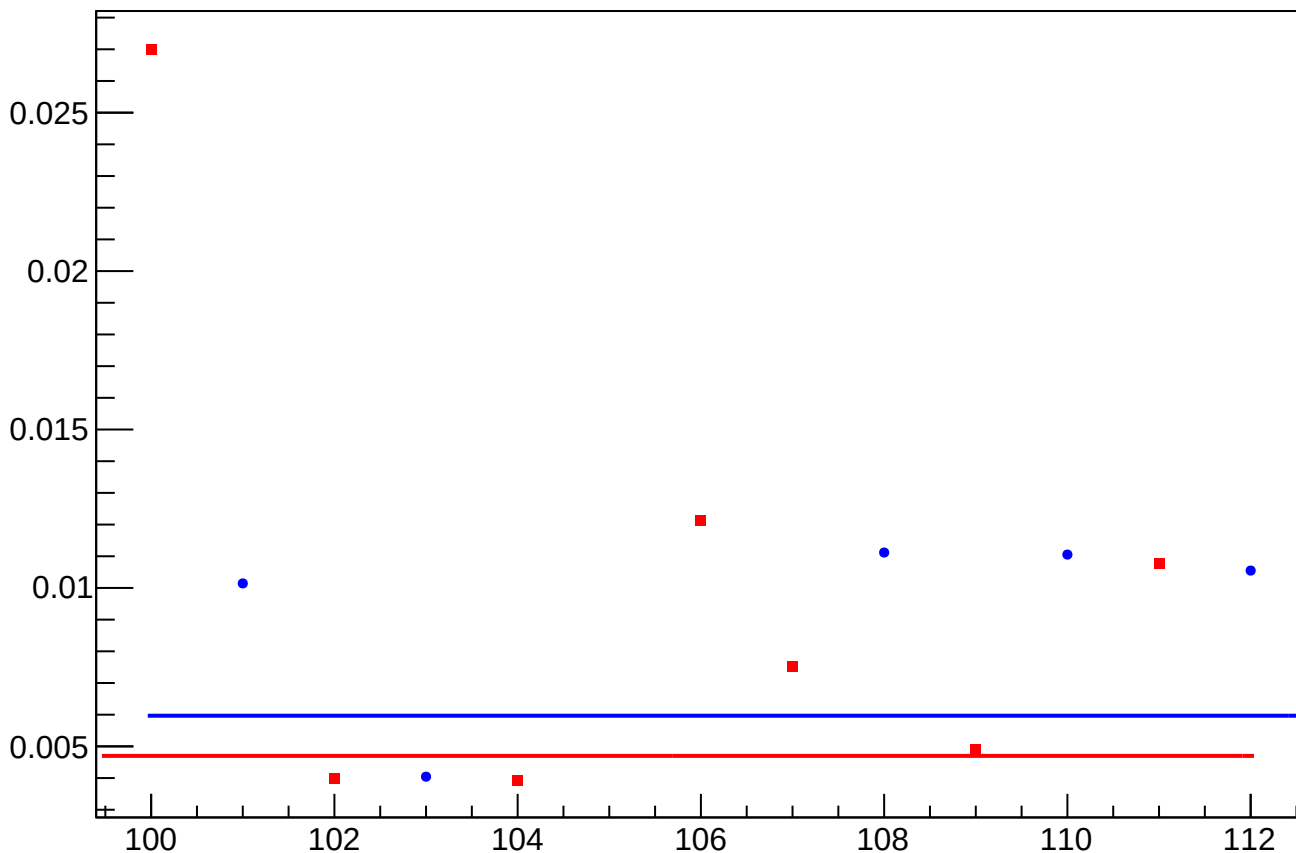
Right: 0.000+/-0.000 χ^2/NDF : 9.1/11

In: -0.000+/-0.000 χ^2/NDF : 3.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.1/11

asym_atr_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 944865.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 758681.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

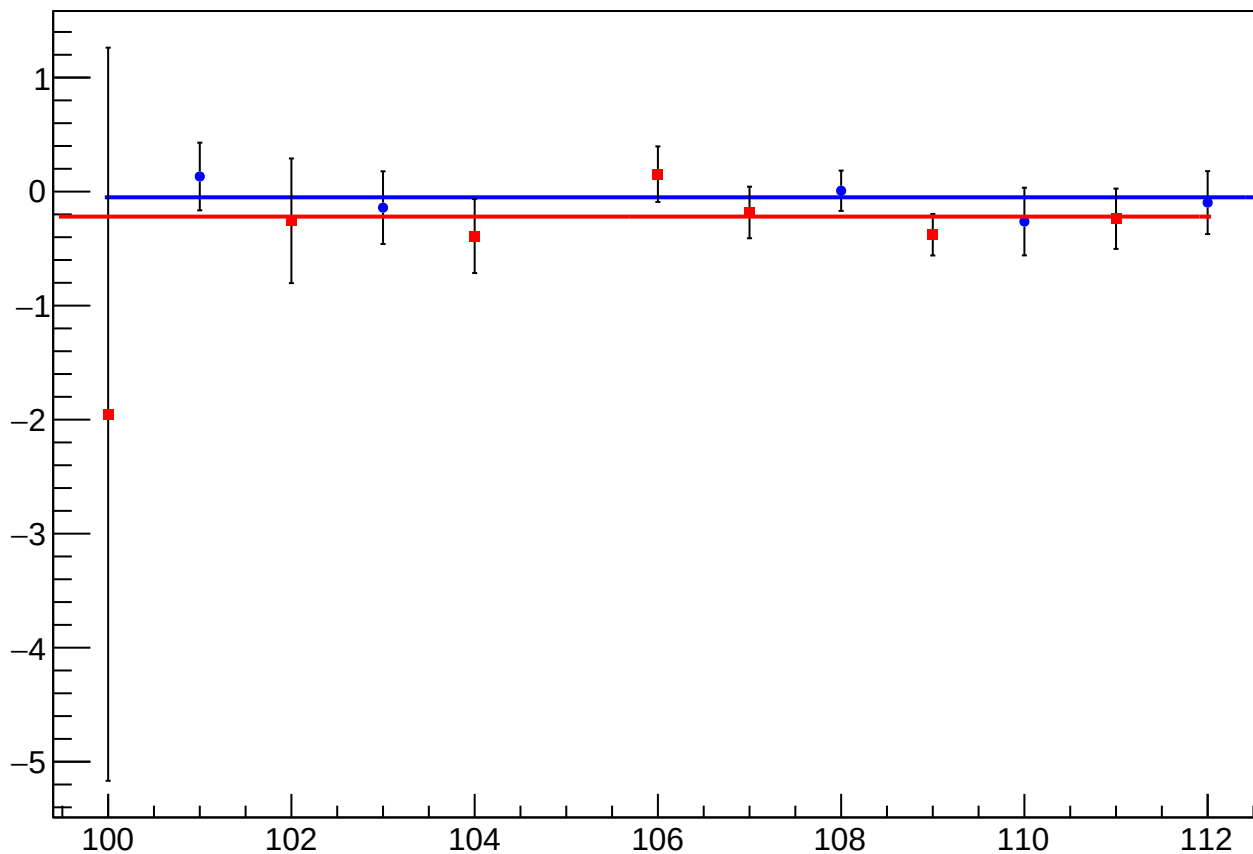
Right: 0.005+/-0.000 χ^2/NDF : 1814350.1/11

In: 0.006+/-0.000 χ^2/NDF : 944865.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1814350.1/11

asym_atr_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.050+/-0.113 χ^2/NDF : 1.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.219+/-0.103 χ^2/NDF : 3.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

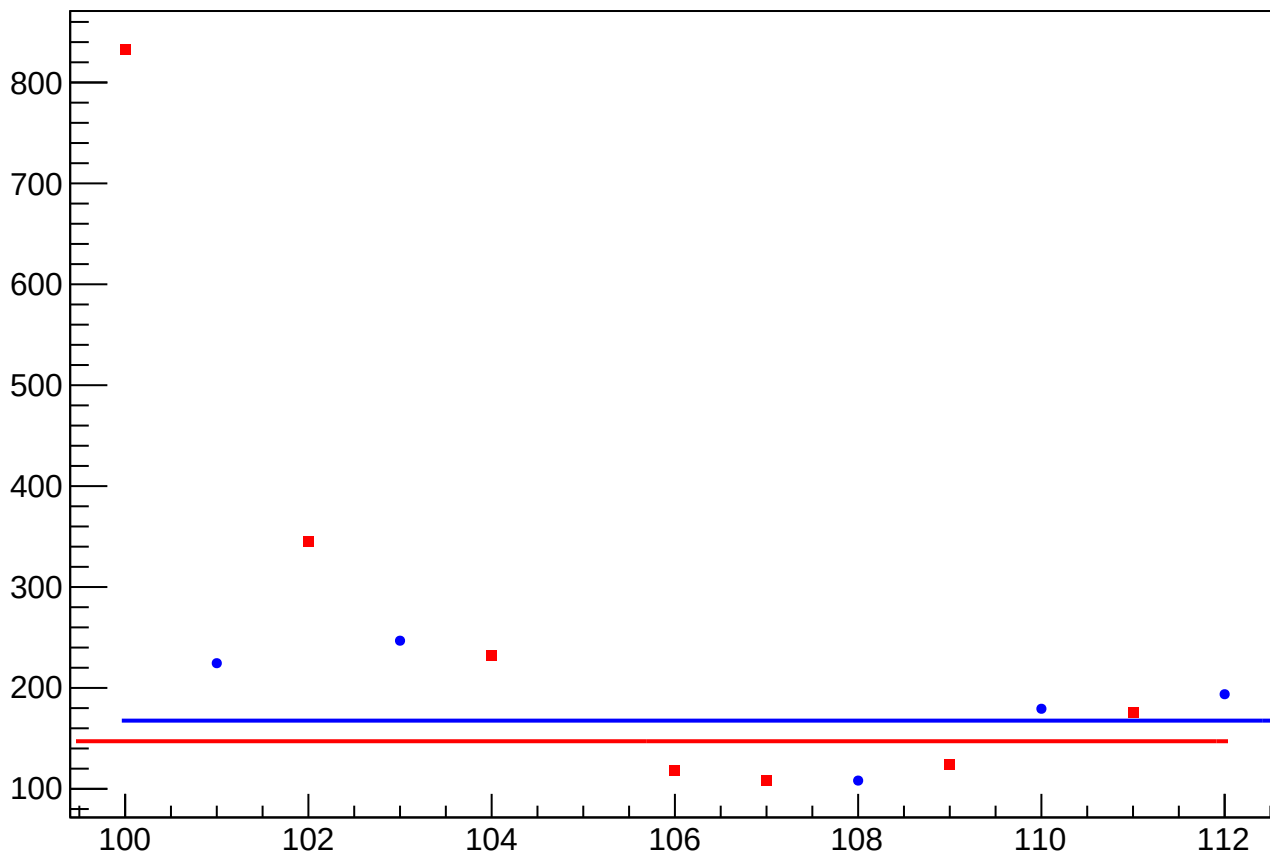
Right: -0.143+/-0.076 χ^2/NDF : 6.0/11

In: -0.050+/-0.113 χ^2/NDF : 1.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.143+/-0.076 χ^2/NDF : 6.0/11

asym_atr_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 167.597+/-0.080 χ^2/NDF : 444533.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.181+/-0.073 χ^2/NDF : 633958.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

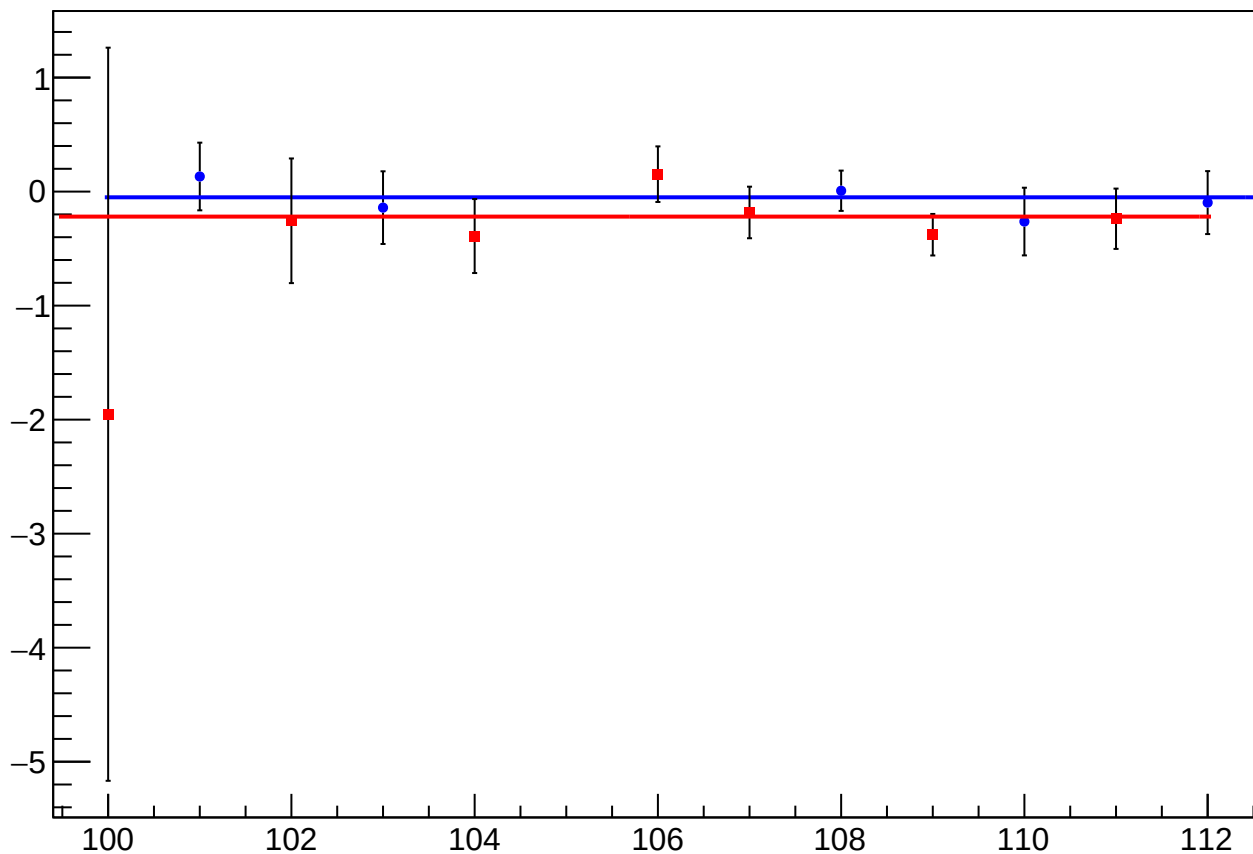
Right: 156.435+/-0.054 χ^2/NDF : 1113916.2/11

In: 167.597+/-0.080 χ^2/NDF : 444533.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.435+/-0.054 χ^2/NDF : 1113916.2/11

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.050 ± 0.113 χ^2/NDF : 1.1/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.219 ± 0.103 χ^2/NDF : 3.7/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

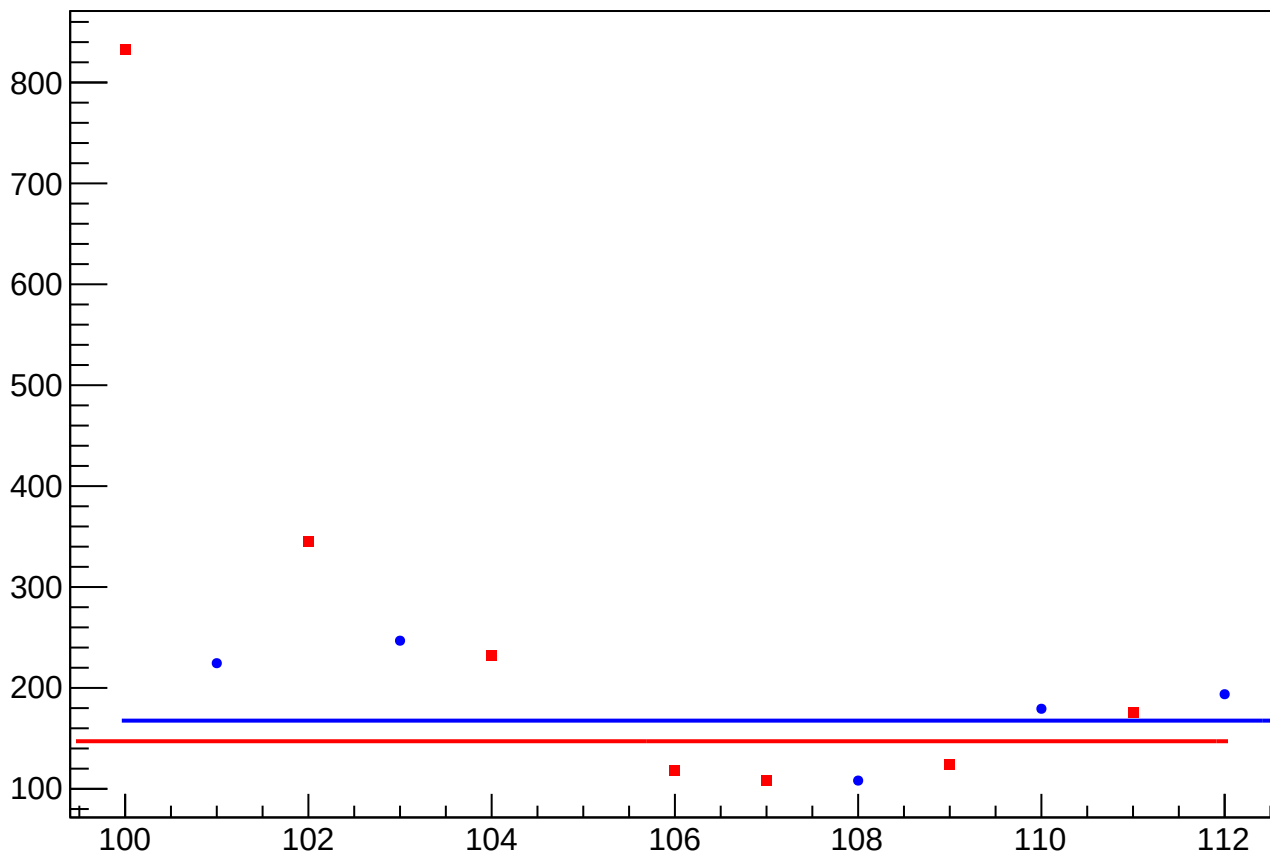
Right: -0.143 ± 0.076 χ^2/NDF : 6.0/11

In: -0.050 ± 0.113 χ^2/NDF : 1.1/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.143 ± 0.076 χ^2/NDF : 6.0/11

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 167.597+/-0.080 χ^2/NDF : 444533.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.181+/-0.073 χ^2/NDF : 633958.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

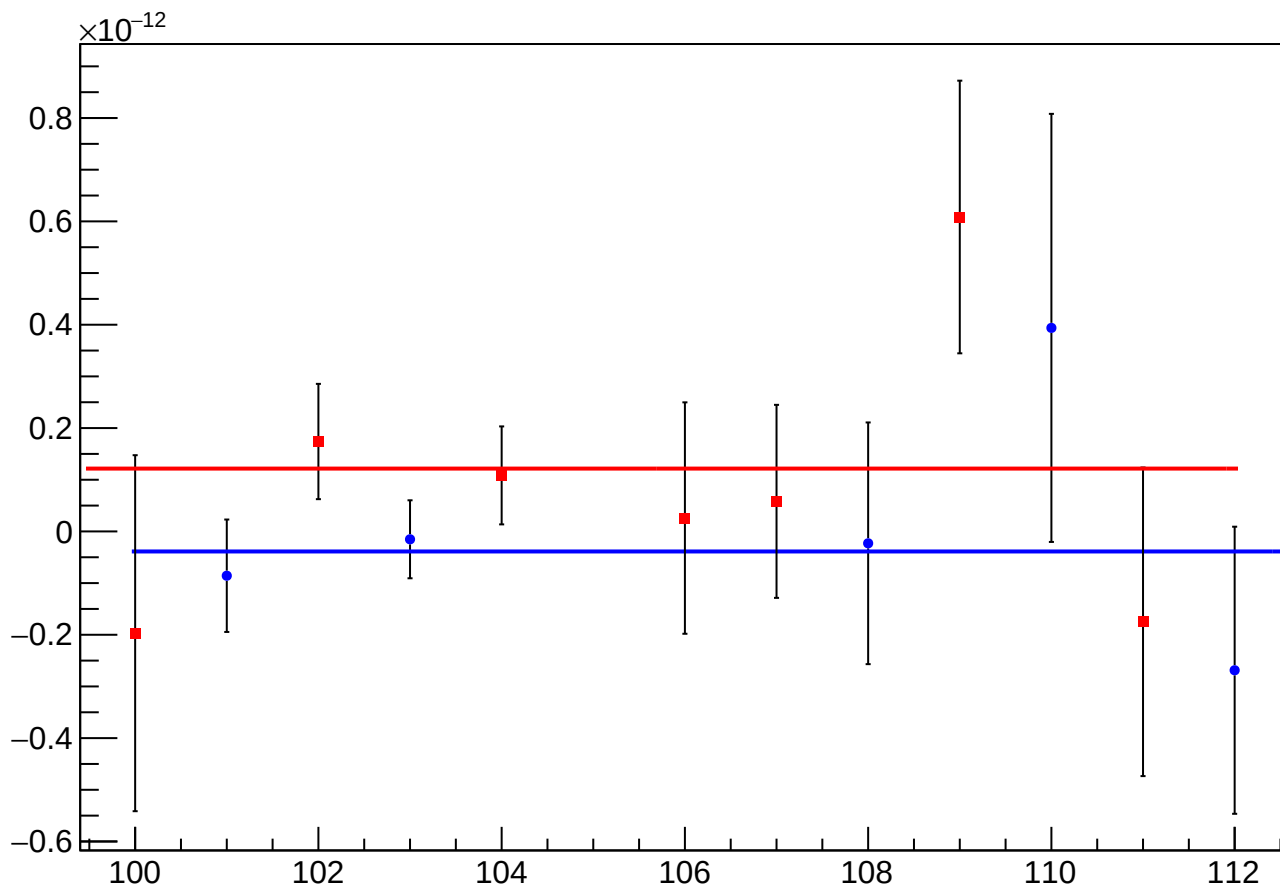
Right: 156.435+/-0.054 χ^2/NDF : 1113916.2/11

In: 167.597+/-0.080 χ^2/NDF : 444533.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.435+/-0.054 χ^2/NDF : 1113916.2/11

asym_atr_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

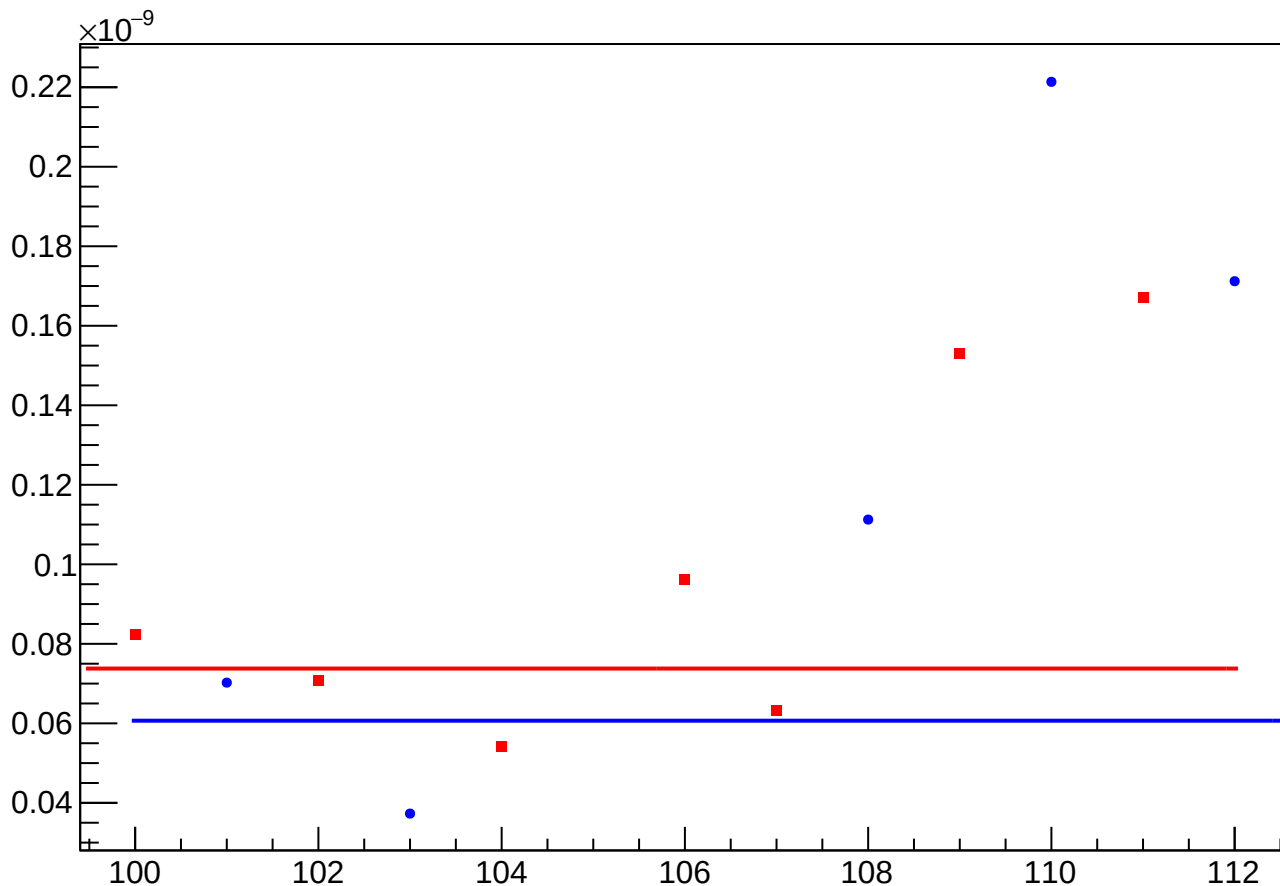
Right: 0.000+/-0.000 χ^2/NDF : 11.5/11

In: -0.000+/-0.000 χ^2/NDF : 2.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.5/11

asym_atr_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 918479.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 489888.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

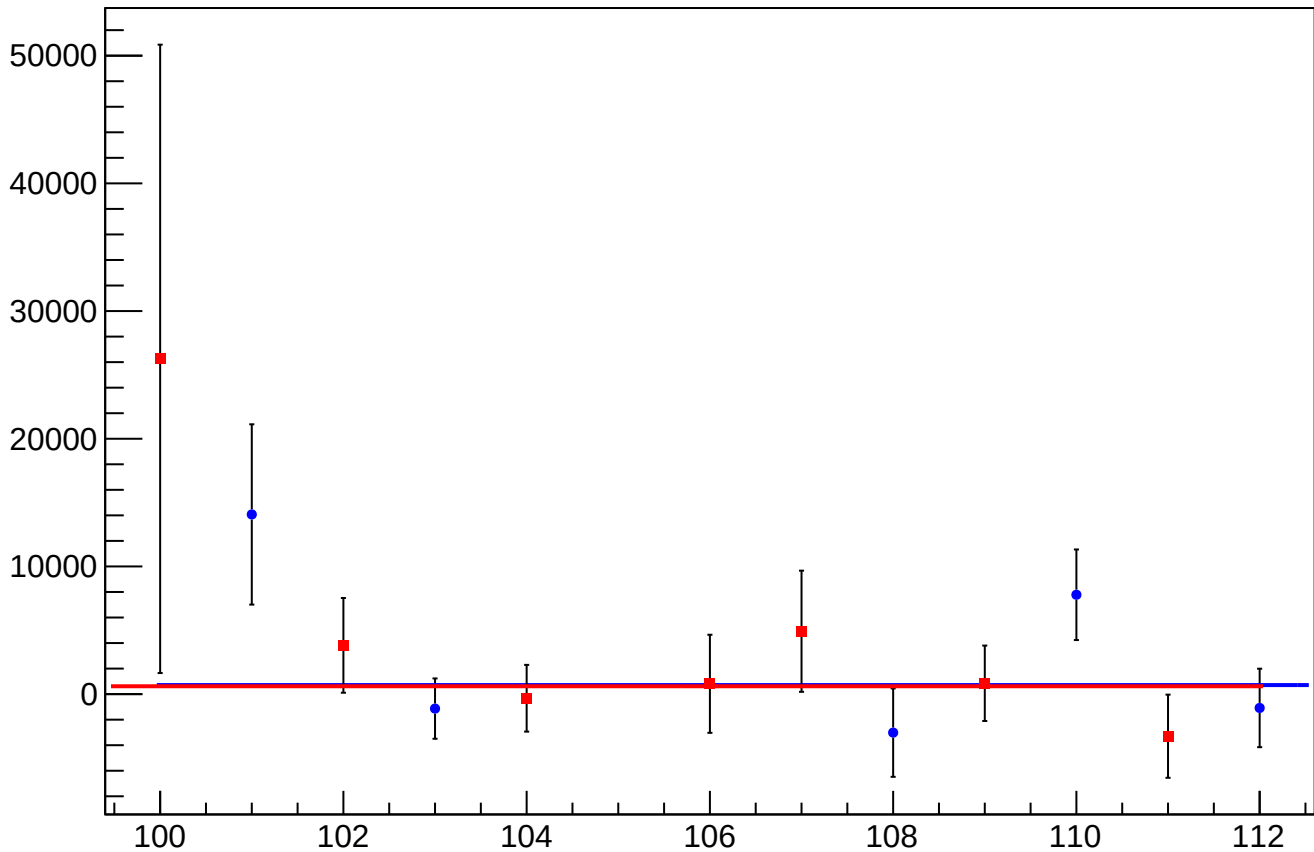
Right: 0.000+/-0.000 χ^2/NDF : 1457450.3/11

In: 0.000+/-0.000 χ^2/NDF : 918479.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1457450.3/11

reg_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 708.941+/-1461.739 χ^2/NDF : 9.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 616.347+/-1358.292 χ^2/NDF : 4.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

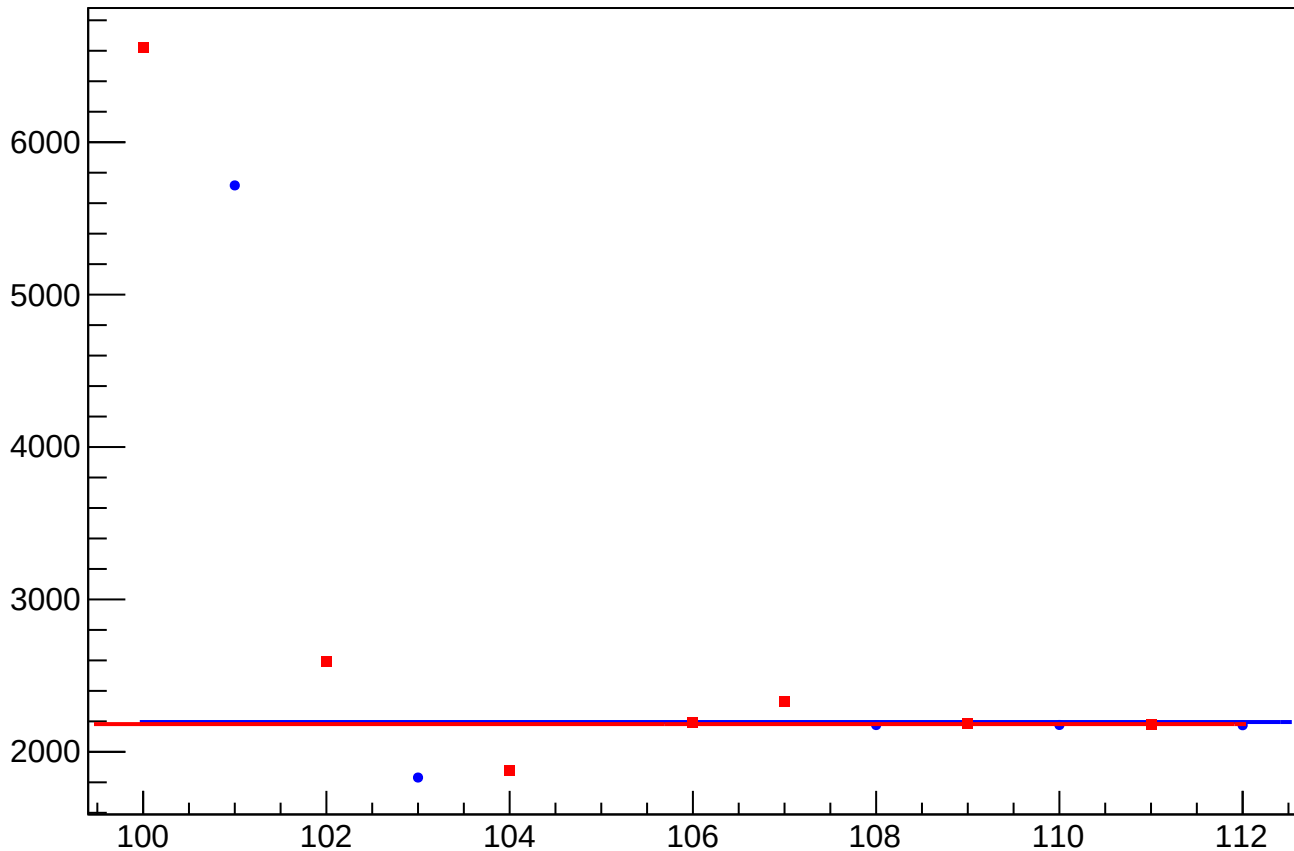
Right: 659.252+/-995.021 χ^2/NDF : 13.9/11

In: 708.941+/-1461.739 χ^2/NDF : 9.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 659.252+/-995.021 χ^2/NDF : 13.9/11

reg_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2195.640+/-1.034 χ^2/NDF : 545236.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2182.109+/-0.960 χ^2/NDF : 118451.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

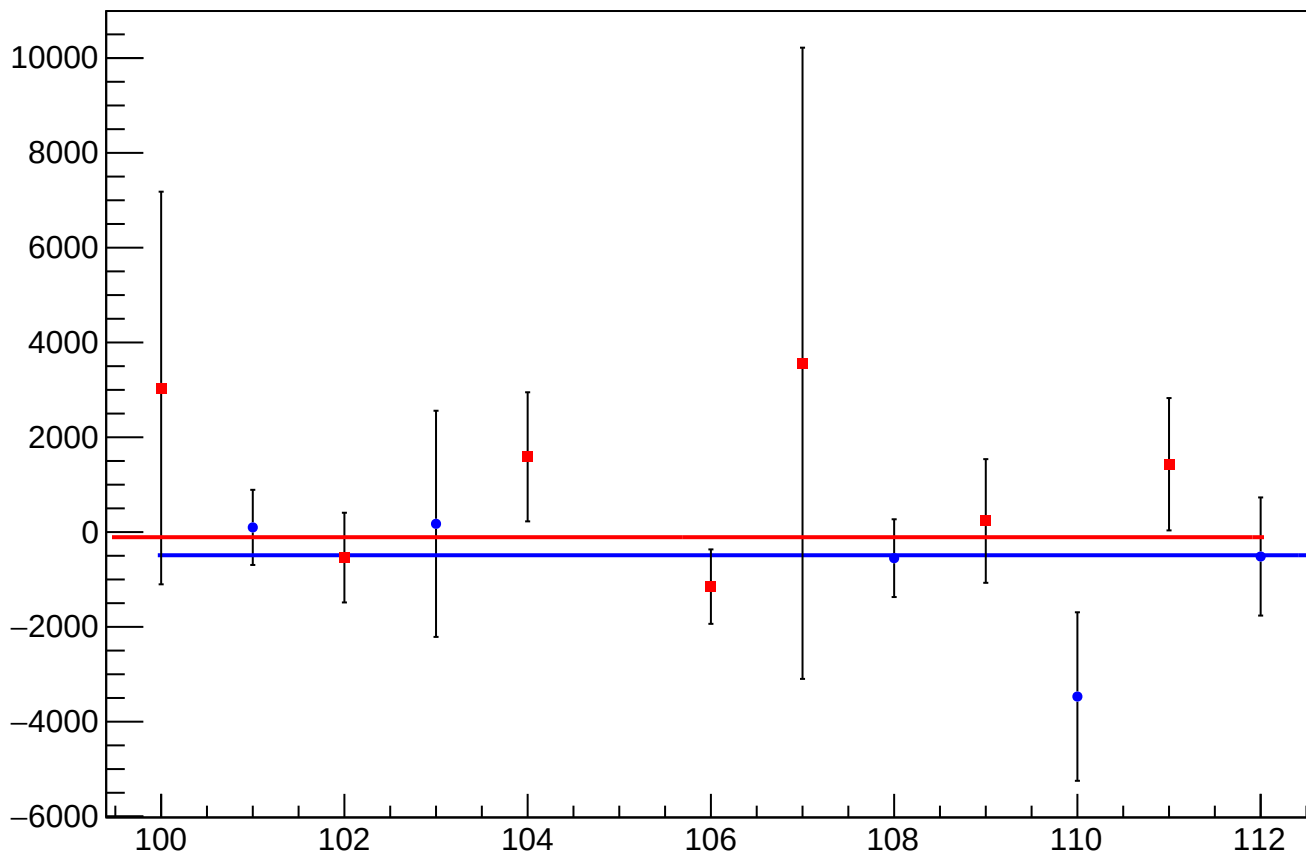
Right: 2188.379+/-0.704 χ^2/NDF : 663779.7/11

In: 2195.640+/-1.034 χ^2/NDF : 545236.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2188.379+/-0.704 χ^2/NDF : 663779.7/11

asym_at1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -488.816+/-487.153 χ^2/NDF : 3.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -108.029+/-473.571 χ^2/NDF : 5.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

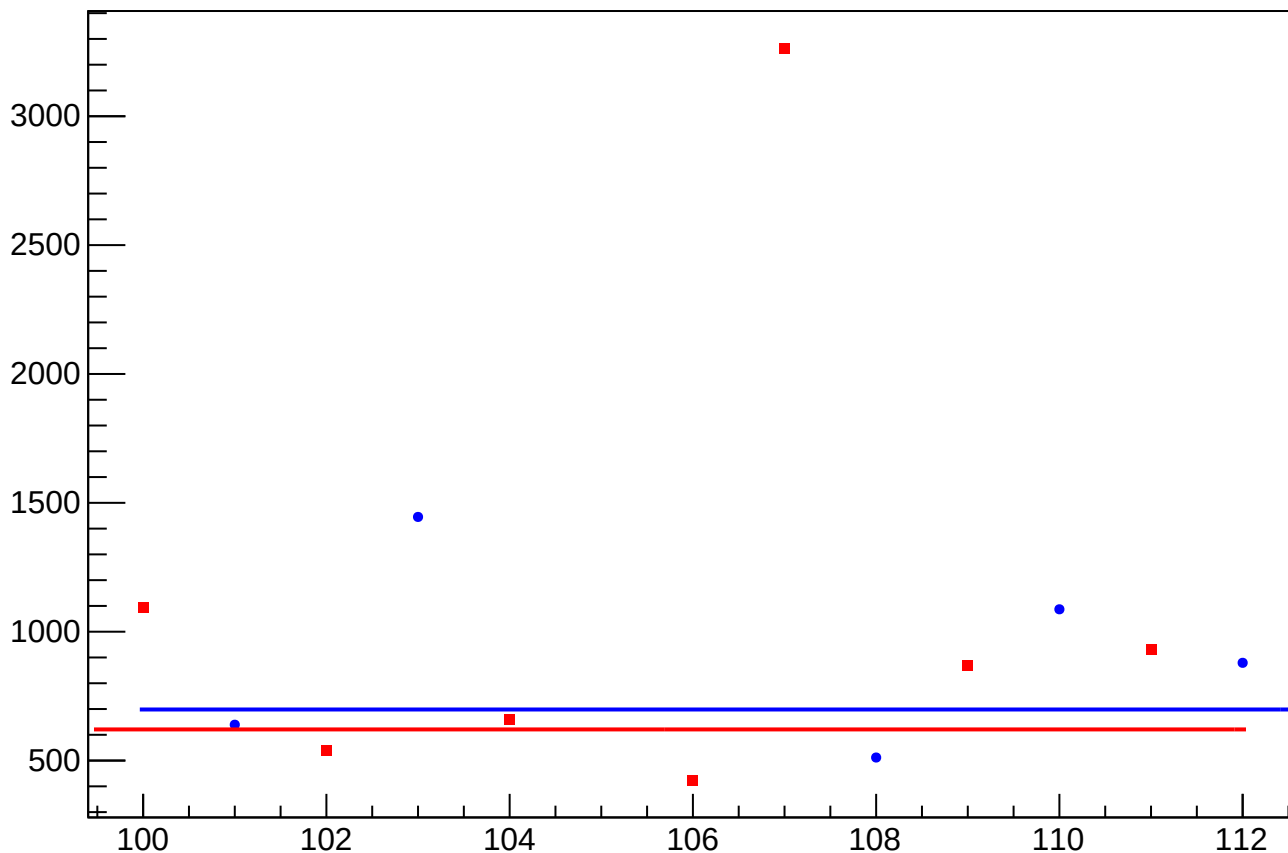
Right: -293.041+/-339.565 χ^2/NDF : 9.4/11

In: -488.816+/-487.153 χ^2/NDF : 3.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -293.041+/-339.565 χ^2/NDF : 9.4/11

asym_at1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 698.178+/-0.344 χ^2/NDF : 448369.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 620.833+/-0.335 χ^2/NDF : 657076.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

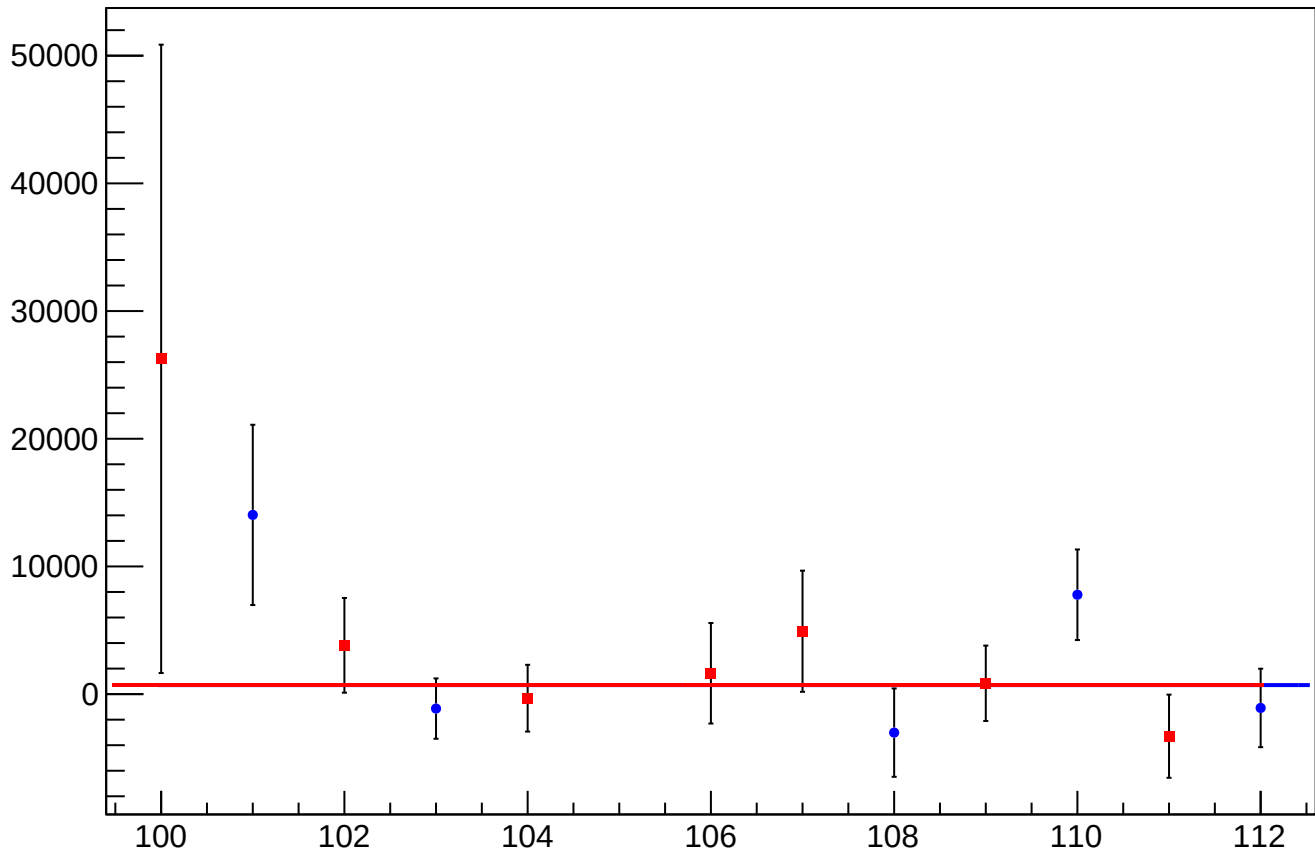
Right: 658.412+/-0.240 χ^2/NDF : 1131366.6/11

In: 698.178+/-0.344 χ^2/NDF : 448369.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 658.412+/-0.240 χ^2/NDF : 1131366.6/11

cor_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 707.928+/-1461.740 χ^2/NDF : 9.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 715.172+/-1362.370 χ^2/NDF : 4.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

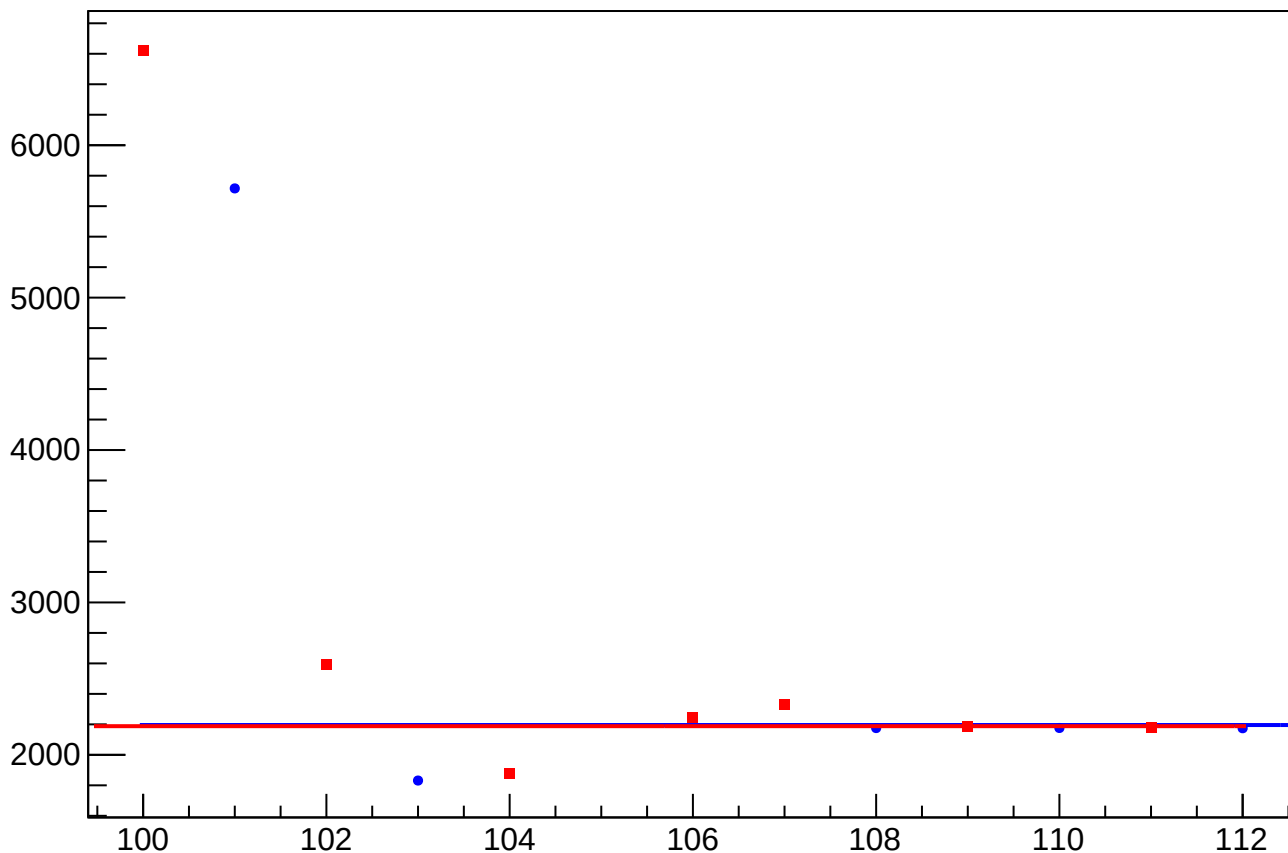
Right: 711.804+/-996.621 χ^2/NDF : 13.9/11

In: 707.928+/-1461.740 χ^2/NDF : 9.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 711.804+/-996.621 χ^2/NDF : 13.9/11

cor_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2195.639+/-1.034 χ^2/NDF : 545236.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2188.128+/-0.963 χ^2/NDF : 118881.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

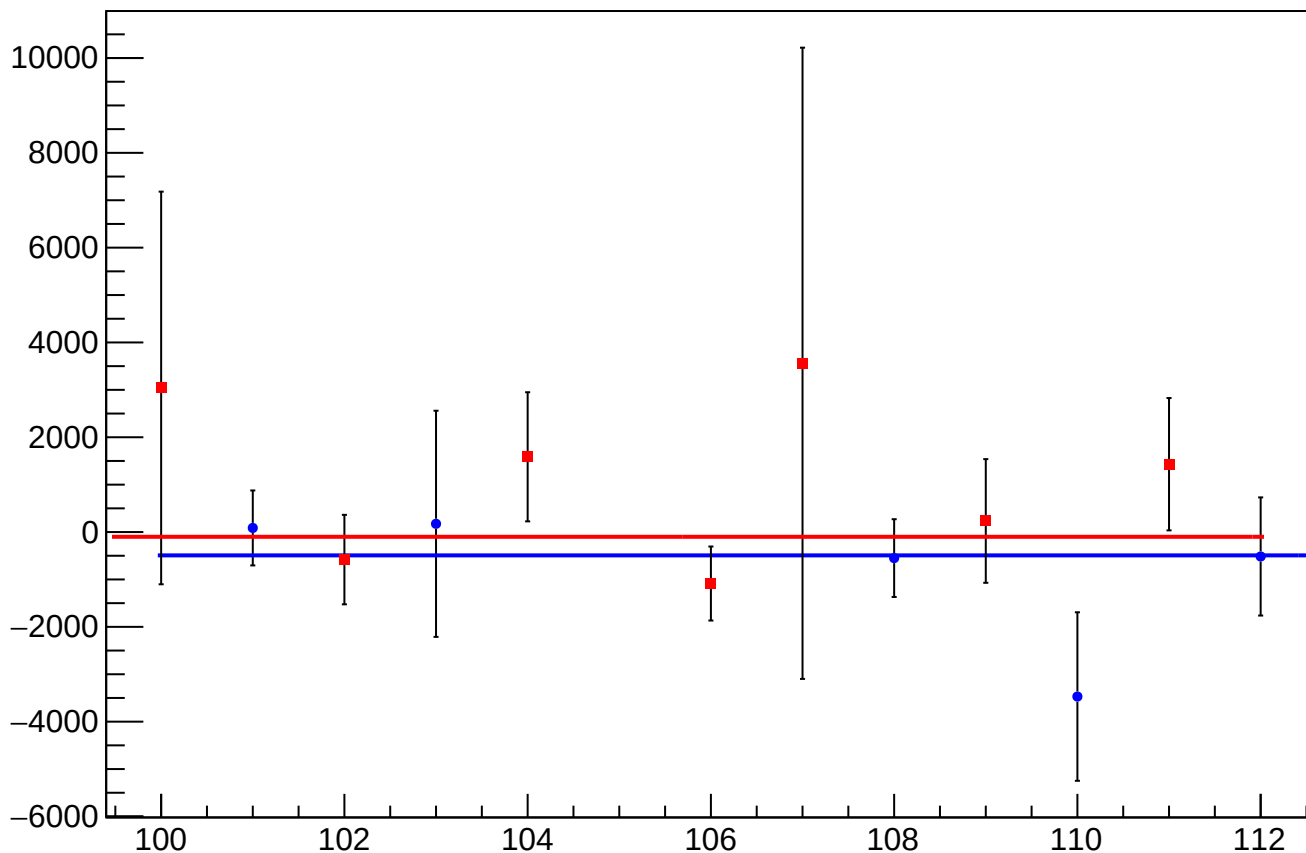
Right: 2191.620+/-0.705 χ^2/NDF : 664145.9/11

In: 2195.639+/-1.034 χ^2/NDF : 545236.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2191.620+/-0.705 χ^2/NDF : 664145.9/11

asym_at1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -492.006+/-486.677 χ^2/NDF : 3.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -99.991+/-472.291 χ^2/NDF : 5.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

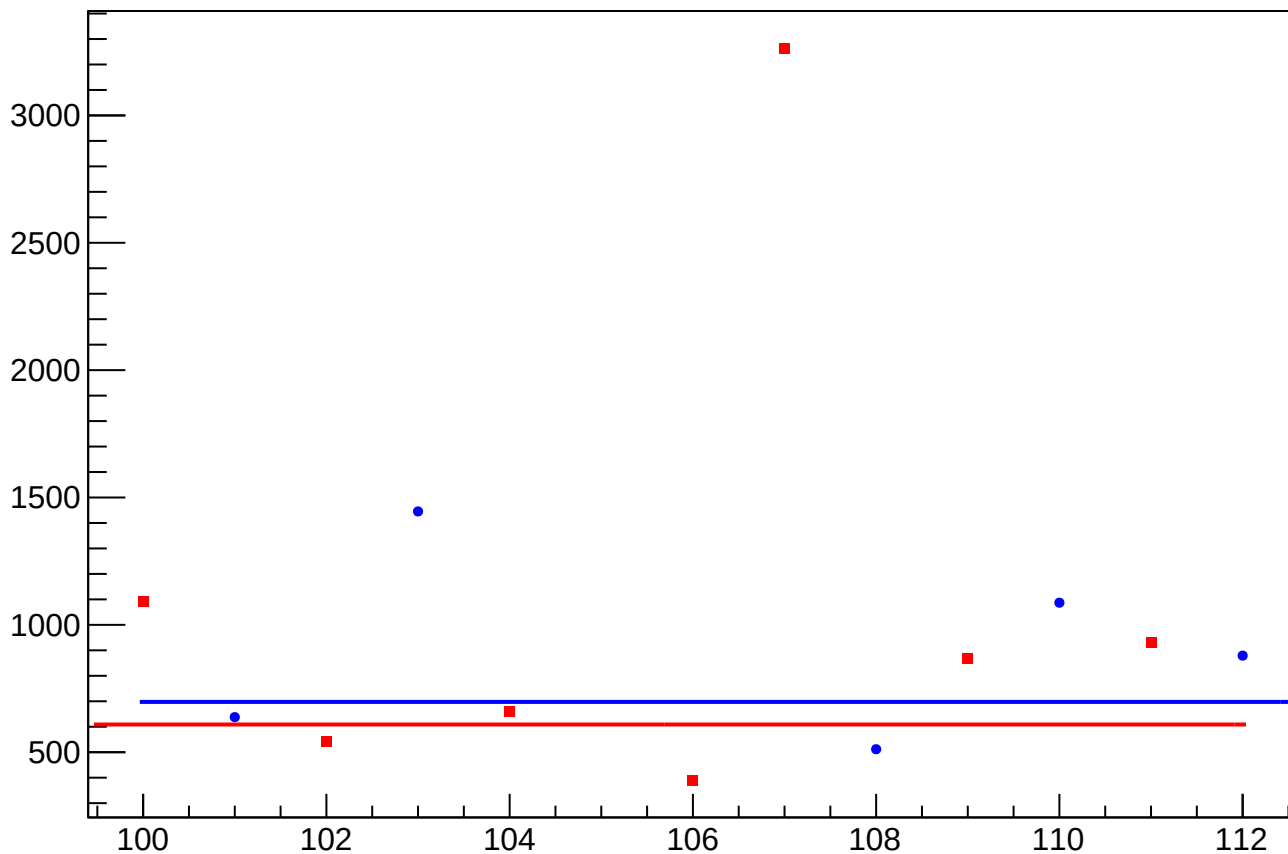
Right: -290.119+/-338.932 χ^2/NDF : 9.3/11

In: -492.006+/-486.677 χ^2/NDF : 3.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -290.119+/-338.932 χ^2/NDF : 9.3/11

asym_at1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 697.513+/-0.344 χ^2/NDF : 449002.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 608.732+/-0.334 χ^2/NDF : 703426.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

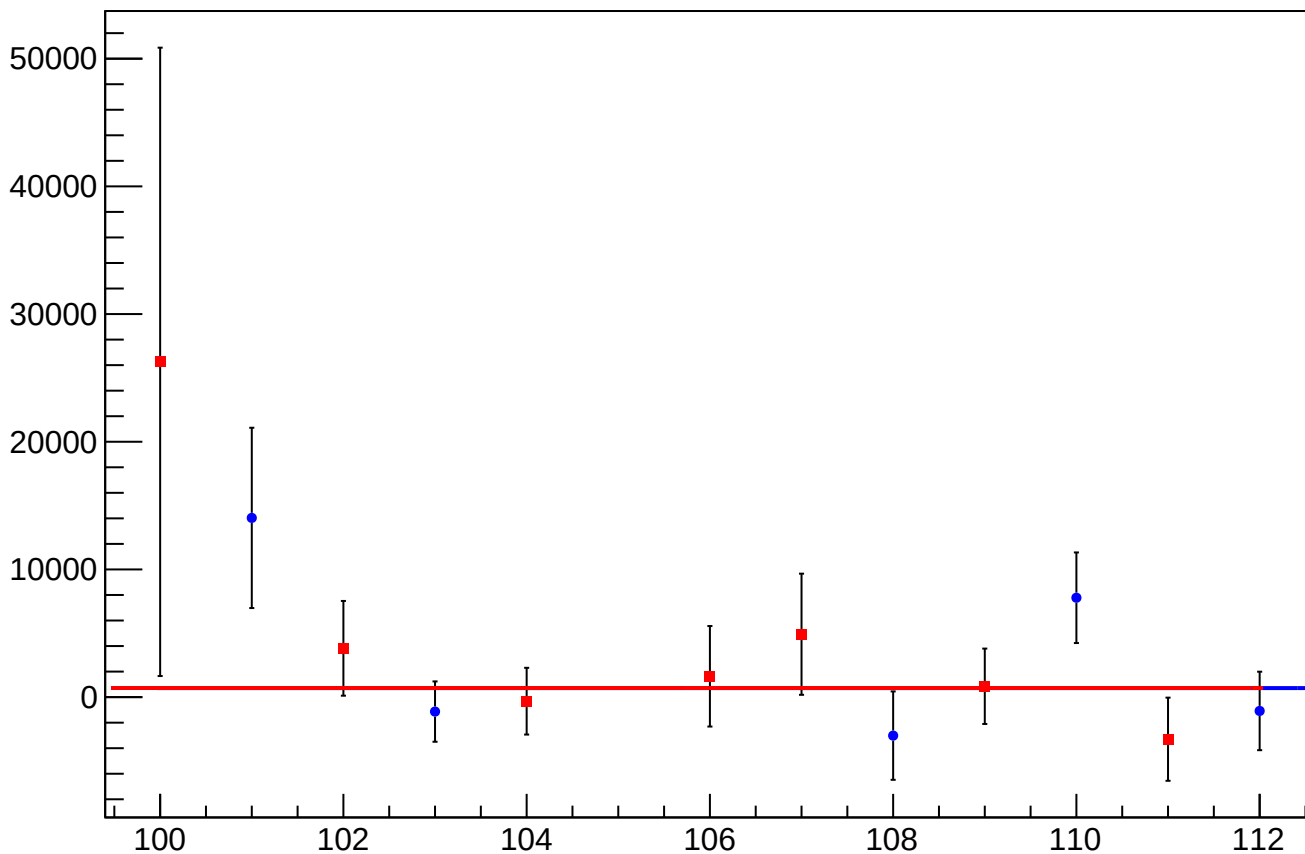
Right: 651.791+/-0.240 χ^2/NDF : 1186705.9/11

In: 697.513+/-0.344 χ^2/NDF : 449002.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 651.791+/-0.240 χ^2/NDF : 1186705.9/11

eigen_cor_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 707.928+/-1461.740 χ^2/NDF : 9.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 715.172+/-1362.370 χ^2/NDF : 4.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

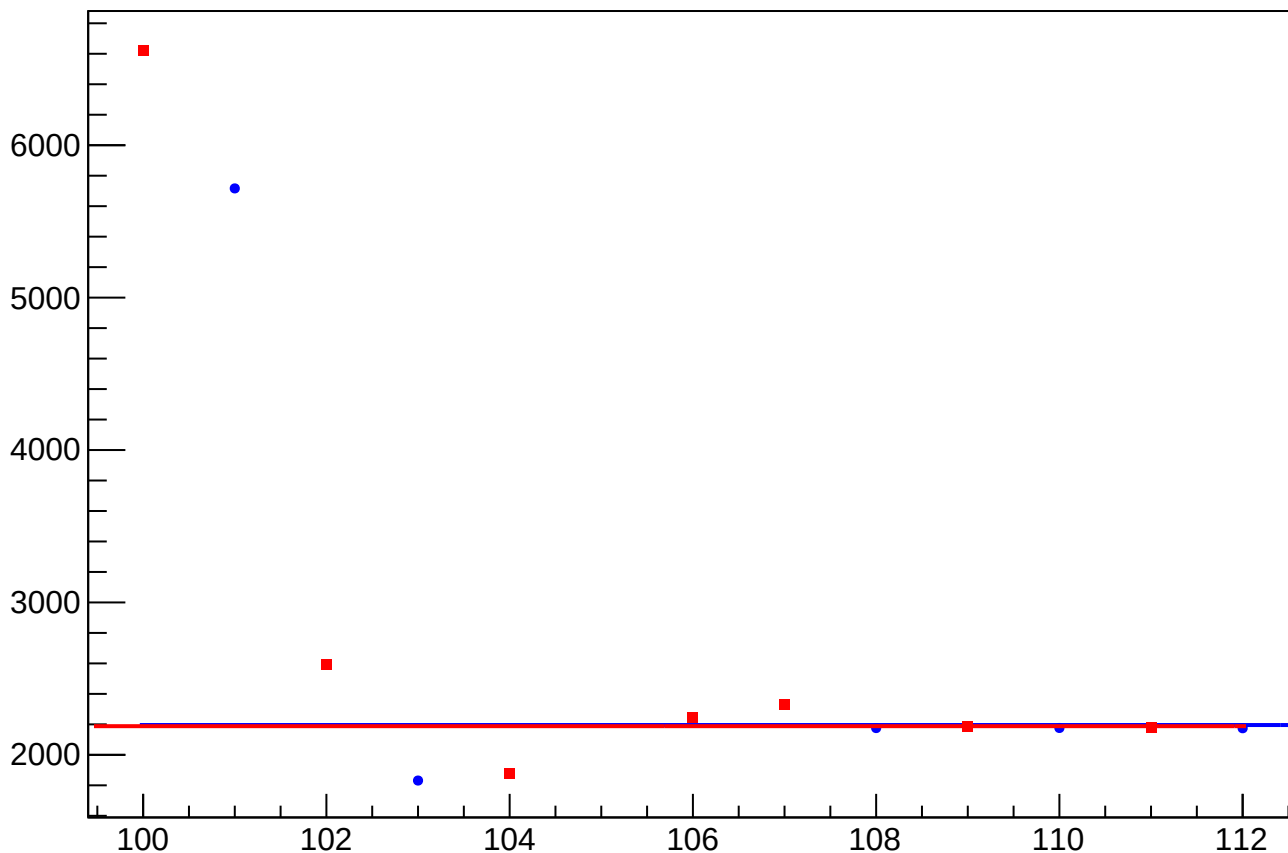
Right: 711.804+/-996.621 χ^2/NDF : 13.9/11

In: 707.928+/-1461.740 χ^2/NDF : 9.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 711.804+/-996.621 χ^2/NDF : 13.9/11

eigen_cor_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2195.639+/-1.034 χ^2/NDF : 545236.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2188.128+/-0.963 χ^2/NDF : 118881.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

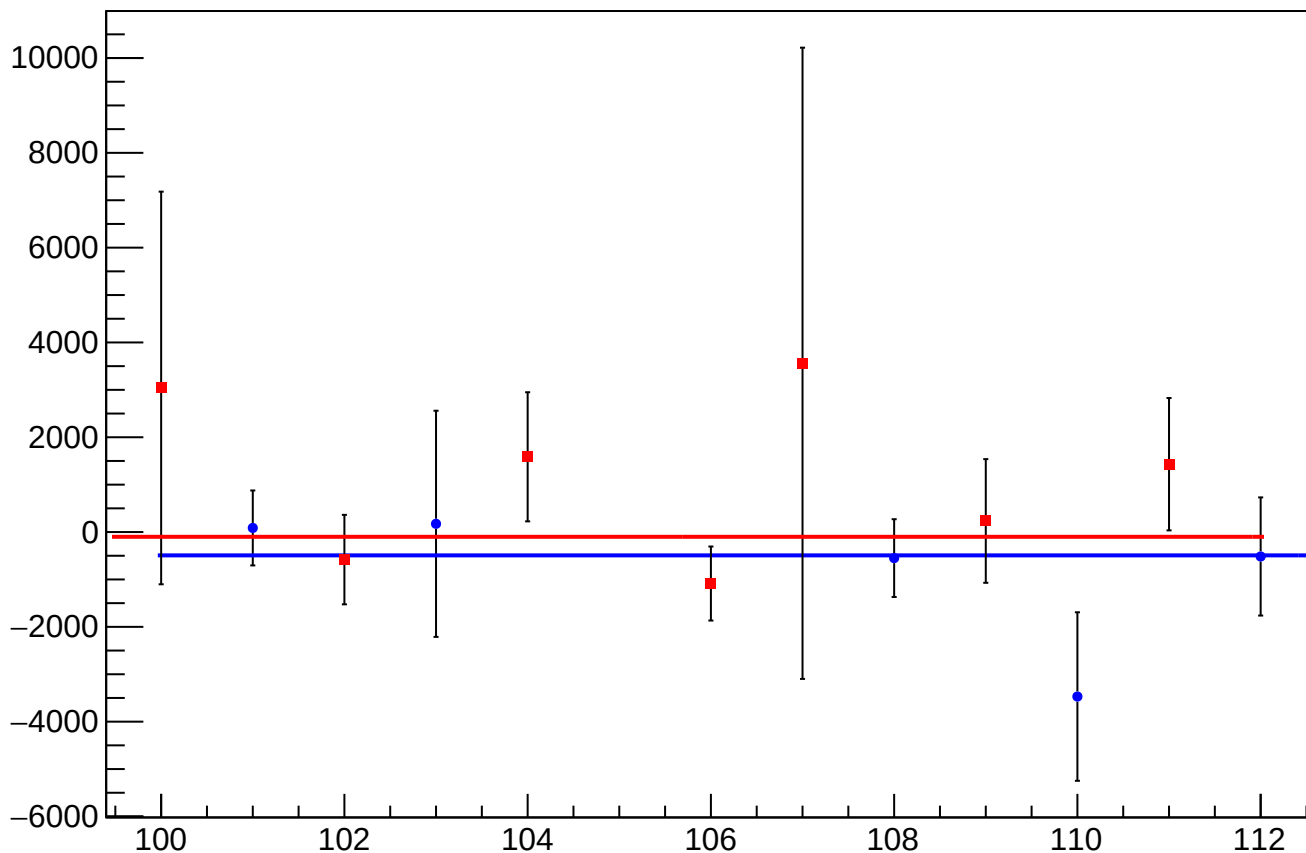
Right: 2191.620+/-0.705 χ^2/NDF : 664145.9/11

In: 2195.639+/-1.034 χ^2/NDF : 545236.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2191.620+/-0.705 χ^2/NDF : 664145.9/11

asym_at1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -492.006+/-486.677 χ^2/NDF : 3.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -99.991+/-472.291 χ^2/NDF : 5.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

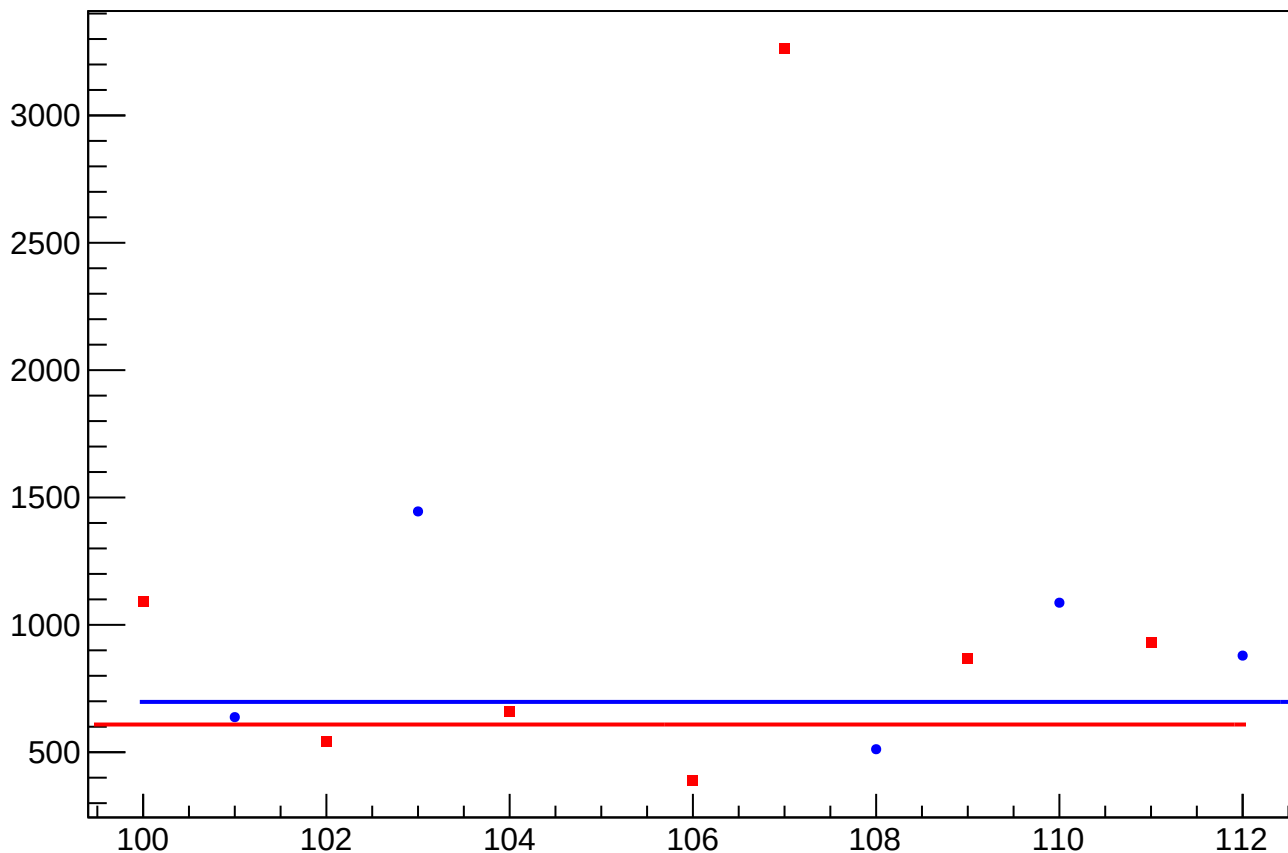
Right: -290.119+/-338.932 χ^2/NDF : 9.3/11

In: -492.006+/-486.677 χ^2/NDF : 3.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -290.119+/-338.932 χ^2/NDF : 9.3/11

asym_at1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 697.513 ± 0.344 χ^2/NDF : 449002.6/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 608.732 ± 0.334 χ^2/NDF : 703426.6/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

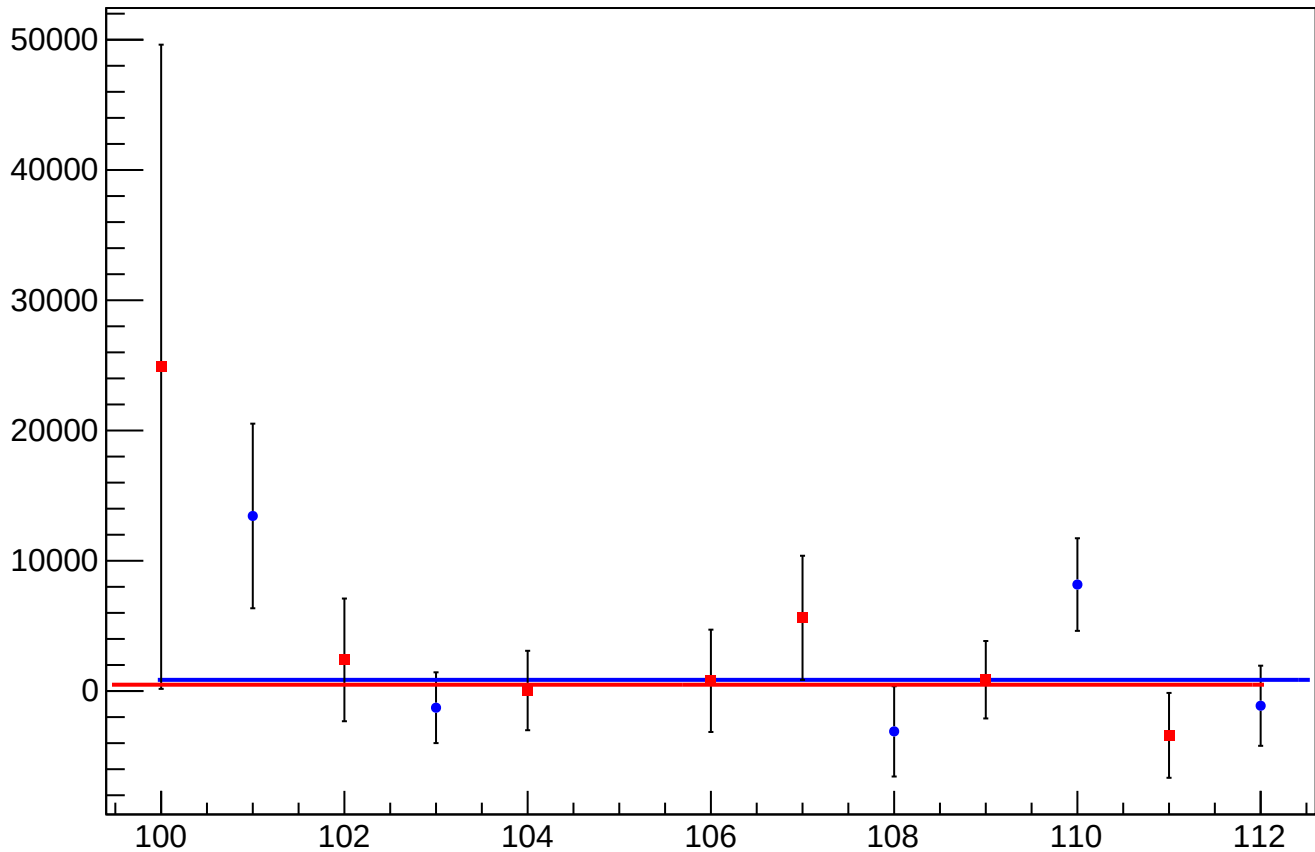
Right: 651.791 ± 0.240 χ^2/NDF : 1186705.9/11

In: 697.513 ± 0.344 χ^2/NDF : 449002.6/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 651.791 ± 0.240 χ^2/NDF : 1186705.9/11

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 859.461+/-1536.601 χ^2/NDF : 9.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 486.903+/-1457.748 χ^2/NDF : 3.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

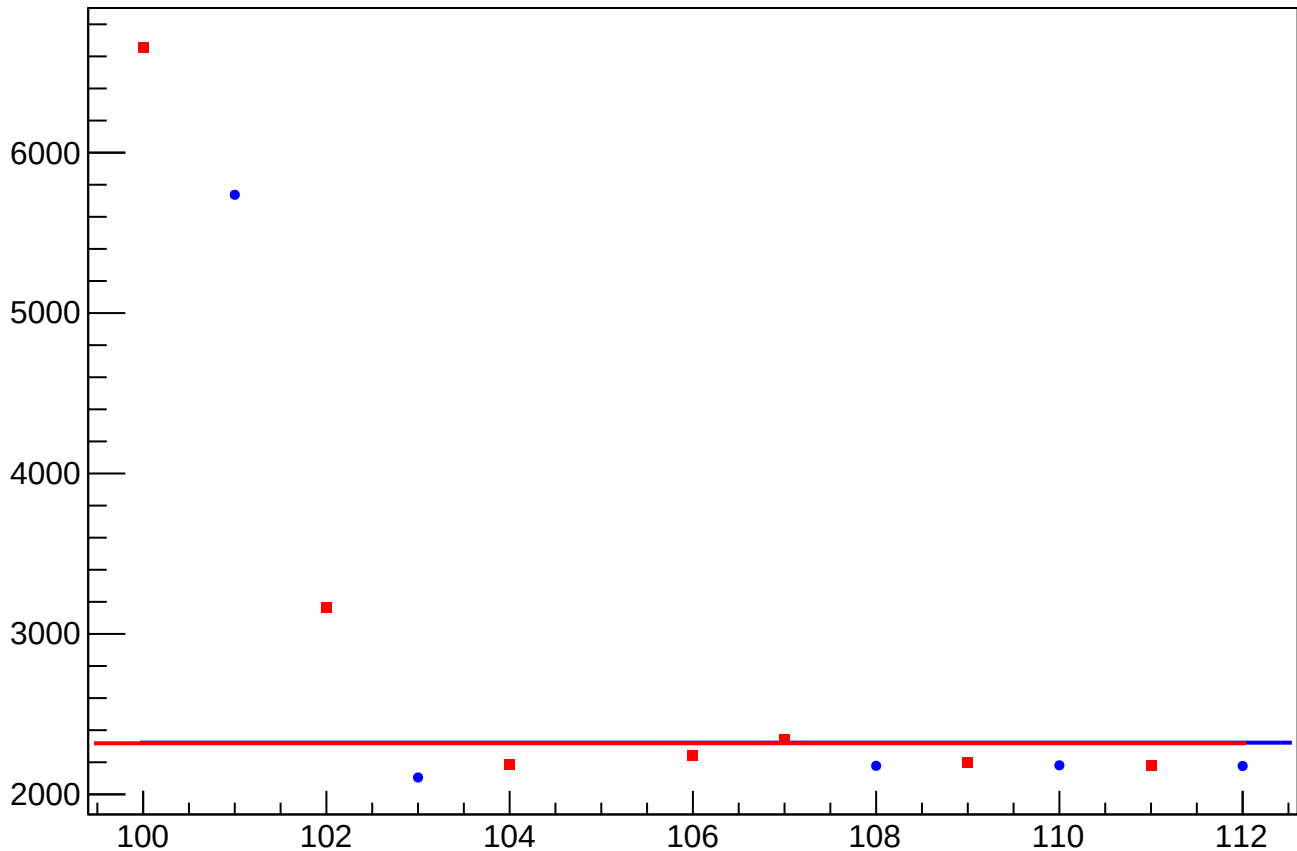
Right: 663.378+/-1057.561 χ^2/NDF : 13.5/11

In: 859.461+/-1536.601 χ^2/NDF : 9.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 663.378+/-1057.561 χ^2/NDF : 13.5/11

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2322.316+/-1.087 χ^2/NDF : 488447.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2318.480+/-1.031 χ^2/NDF : 137527.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

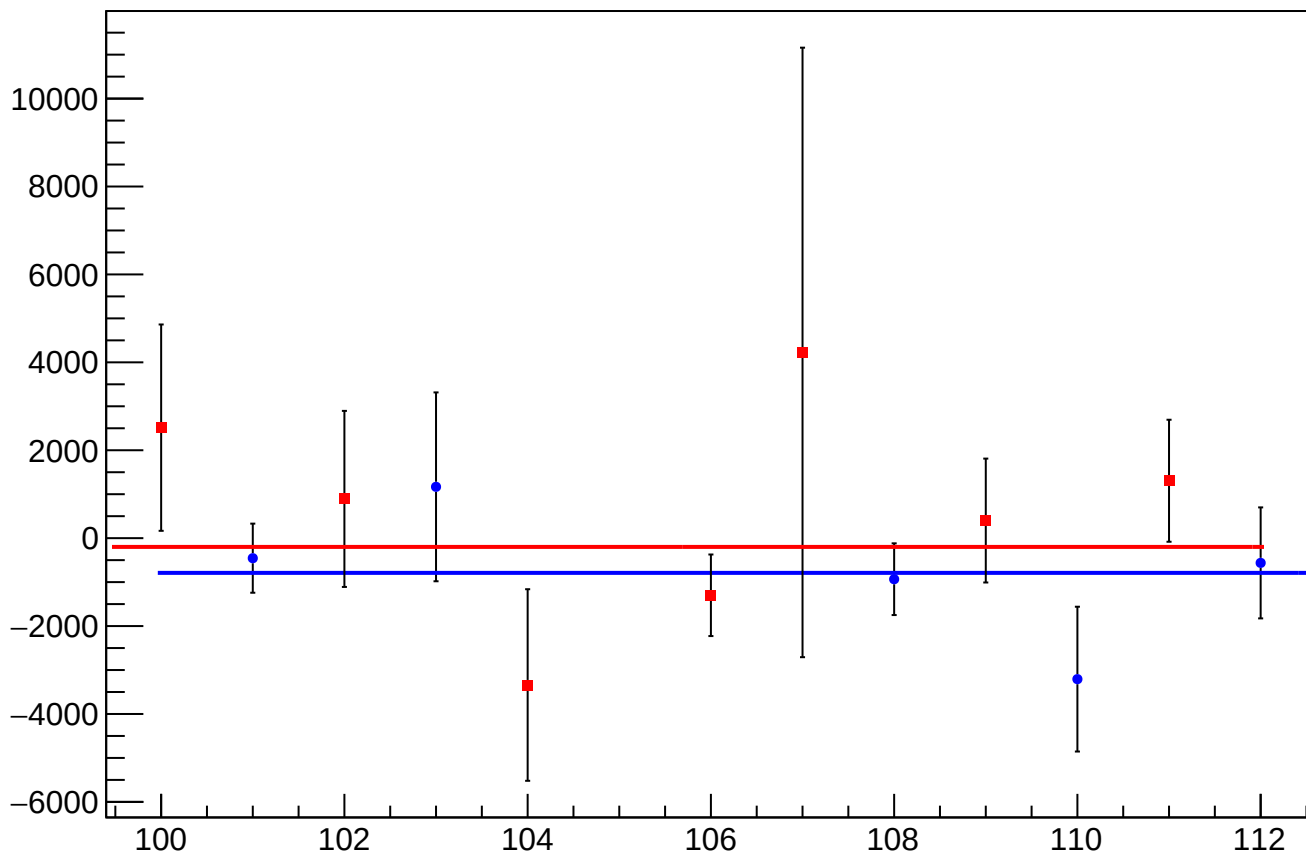
Right: 2320.297+/-0.748 χ^2/NDF : 625981.1/11

In: 2322.316+/-1.087 χ^2/NDF : 488447.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2320.297+/-0.748 χ^2/NDF : 625981.1/11

asym_at1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -789.684 $\pm$ 480.356 χ^2 /NDF: 3.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -199.122 $\pm$ 592.686 χ^2 /NDF: 6.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

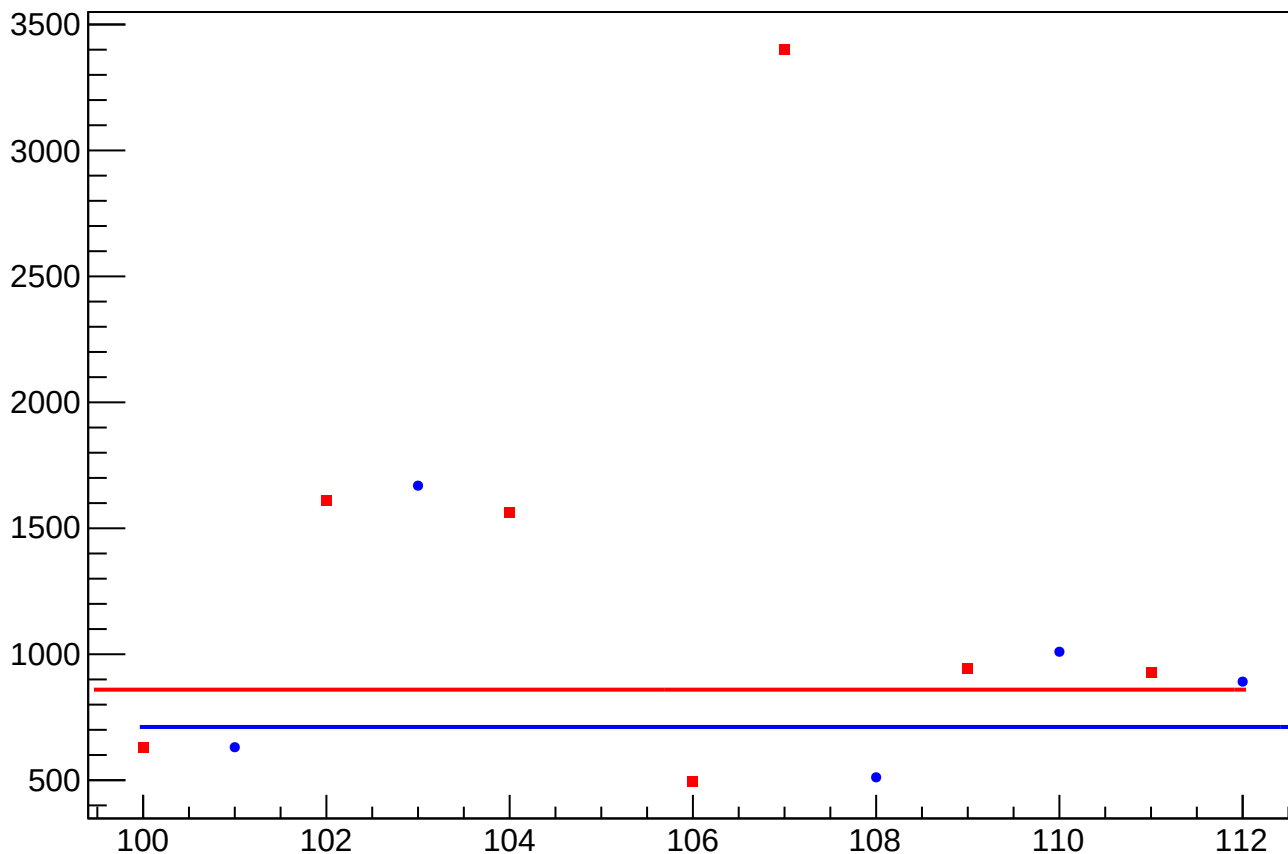
Right: -555.555 $\pm$ 373.181 χ^2 /NDF: 10.7/11

In: -789.684 $\pm$ 480.356 χ^2 /NDF:3.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -555.555 $\pm$ 373.181 χ^2 /NDF: 10.7/11

asym_at1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 711.335+/-0.340 χ^2/NDF : 645042.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 859.465+/-0.419 χ^2/NDF : 1098052.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

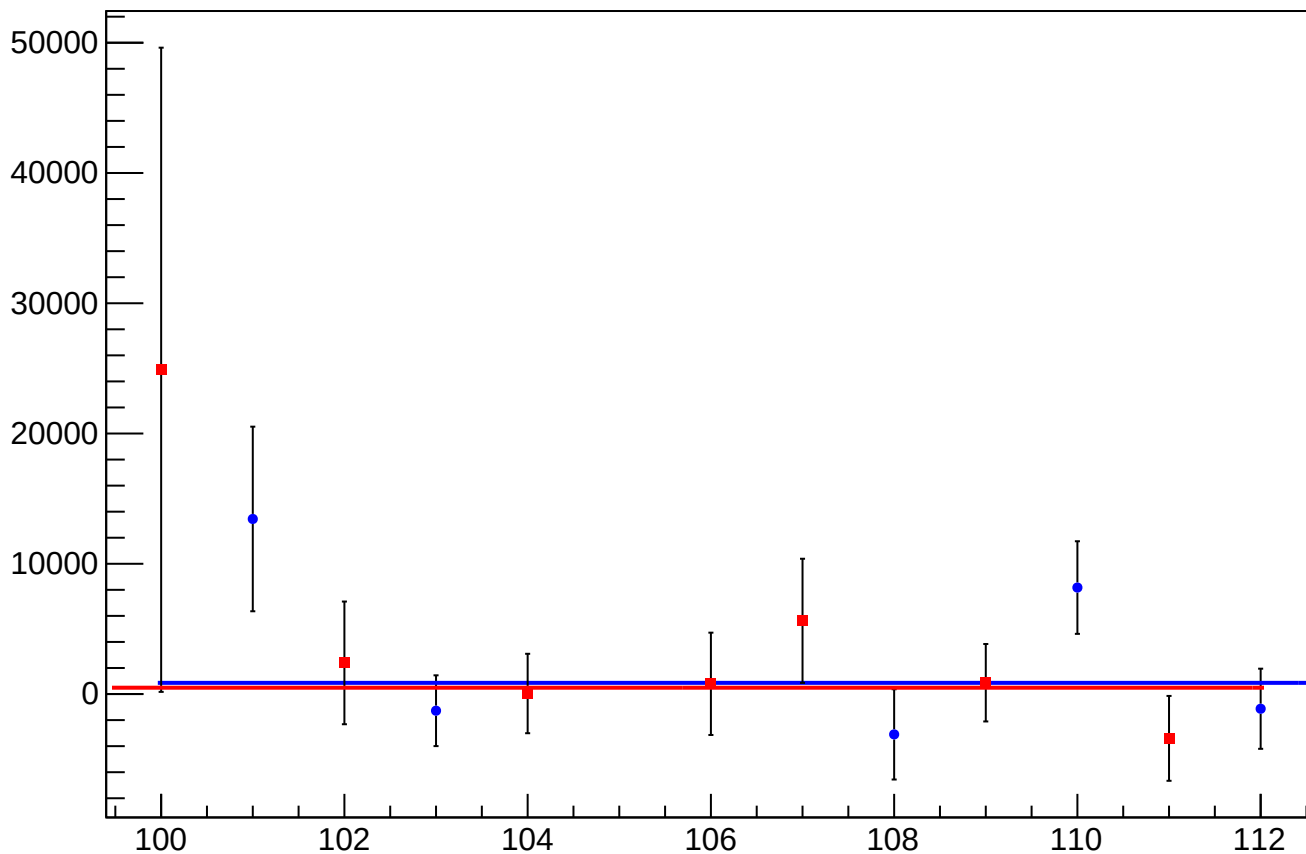
Right: 770.062+/-0.264 χ^2/NDF : 1818495.7/11

In: 711.335+/-0.340 χ^2/NDF : 645042.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 770.062+/-0.264 χ^2/NDF : 1818495.7/11

eigen_dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 859.458+/-1536.600 χ^2/NDF : 9.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 486.898+/-1457.747 χ^2/NDF : 3.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

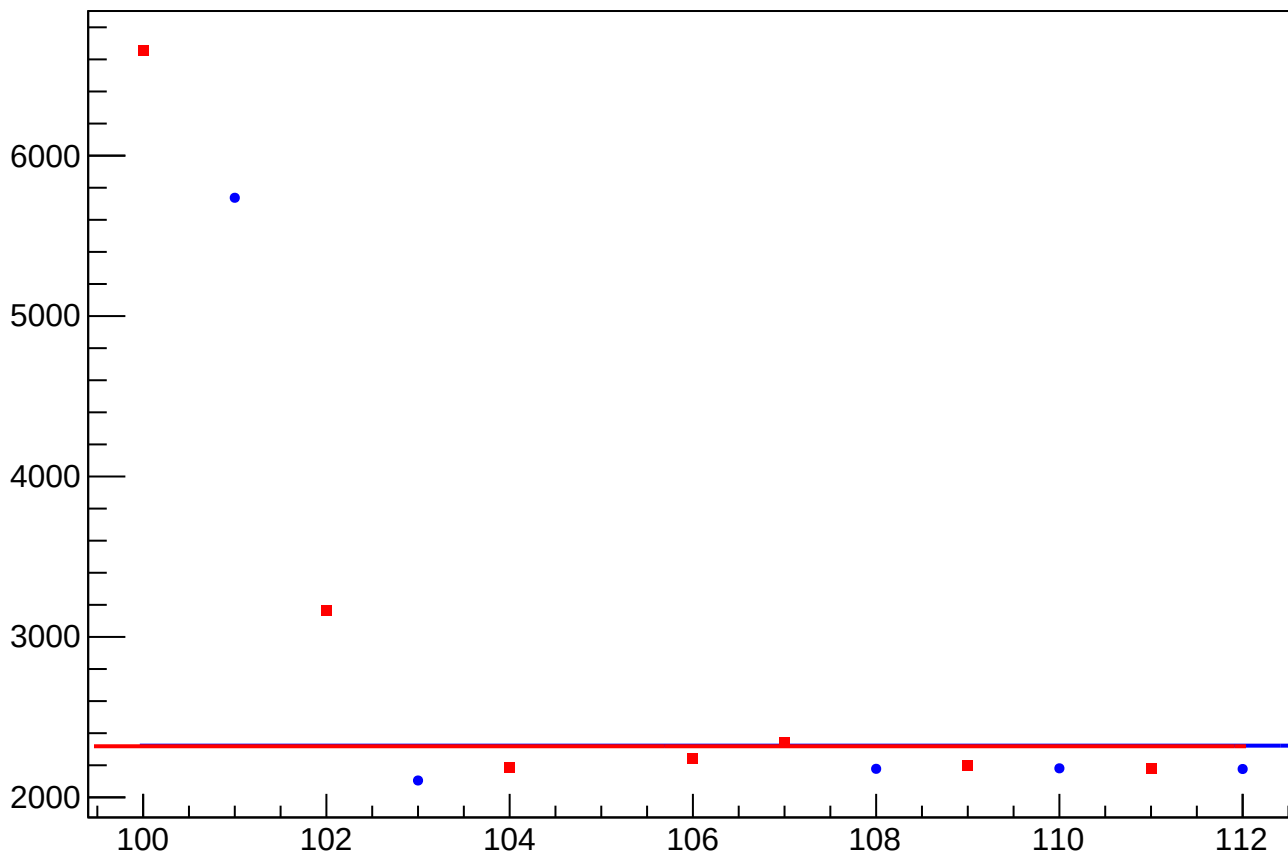
Right: 663.374+/-1057.561 χ^2/NDF : 13.5/11

In: 859.458+/-1536.600 χ^2/NDF : 9.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 663.374+/-1057.561 χ^2/NDF : 13.5/11

eigen_dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2322.314+/-1.087 χ^2/NDF : 488447.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2318.478+/-1.031 χ^2/NDF : 137526.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

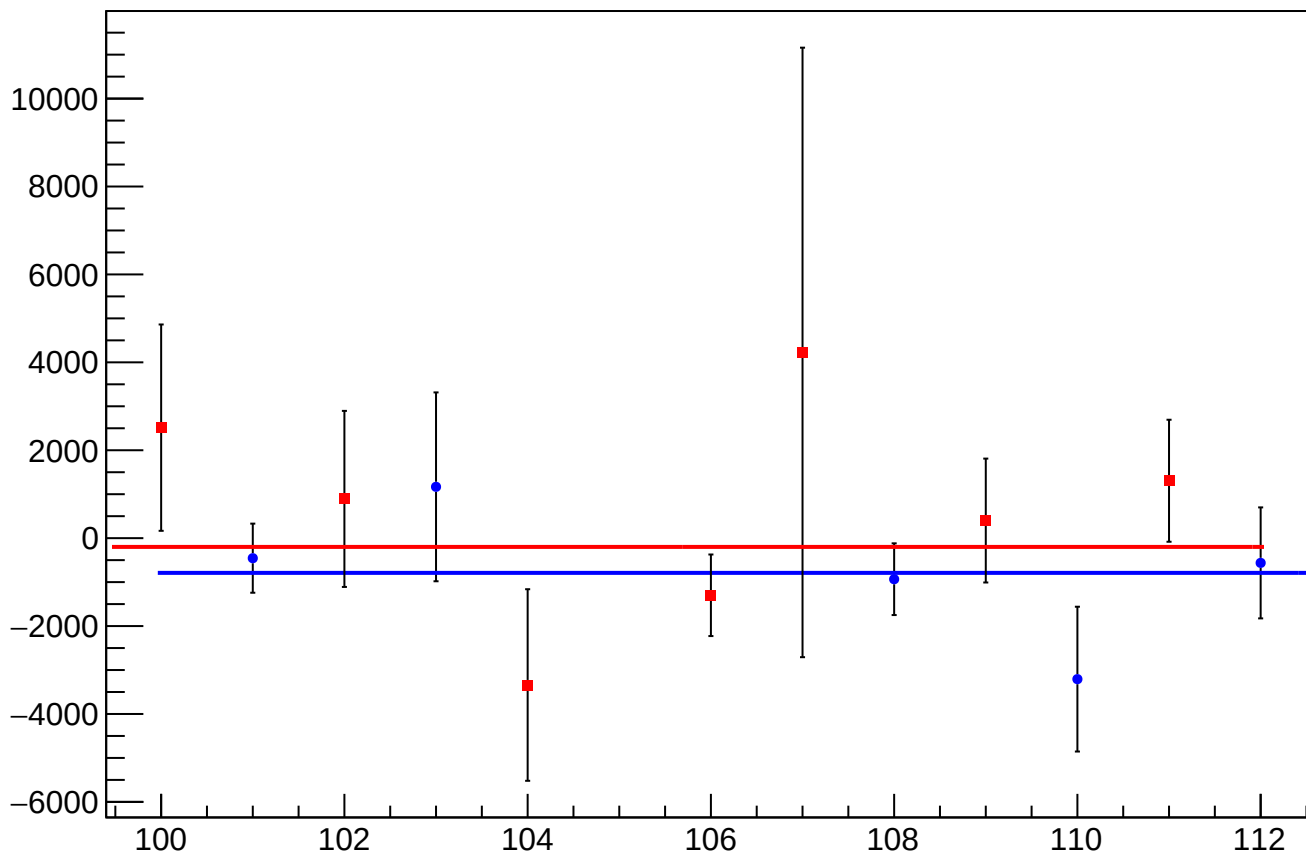
Right: 2320.295+/-0.748 χ^2/NDF : 625981.1/11

In: 2322.314+/-1.087 χ^2/NDF : 488447.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2320.295+/-0.748 χ^2/NDF : 625981.1/11

asym_at1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -789.682+/-480.356 χ^2 /NDF: 3.2/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -199.123+/-592.686 χ^2 /NDF: 6.9/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

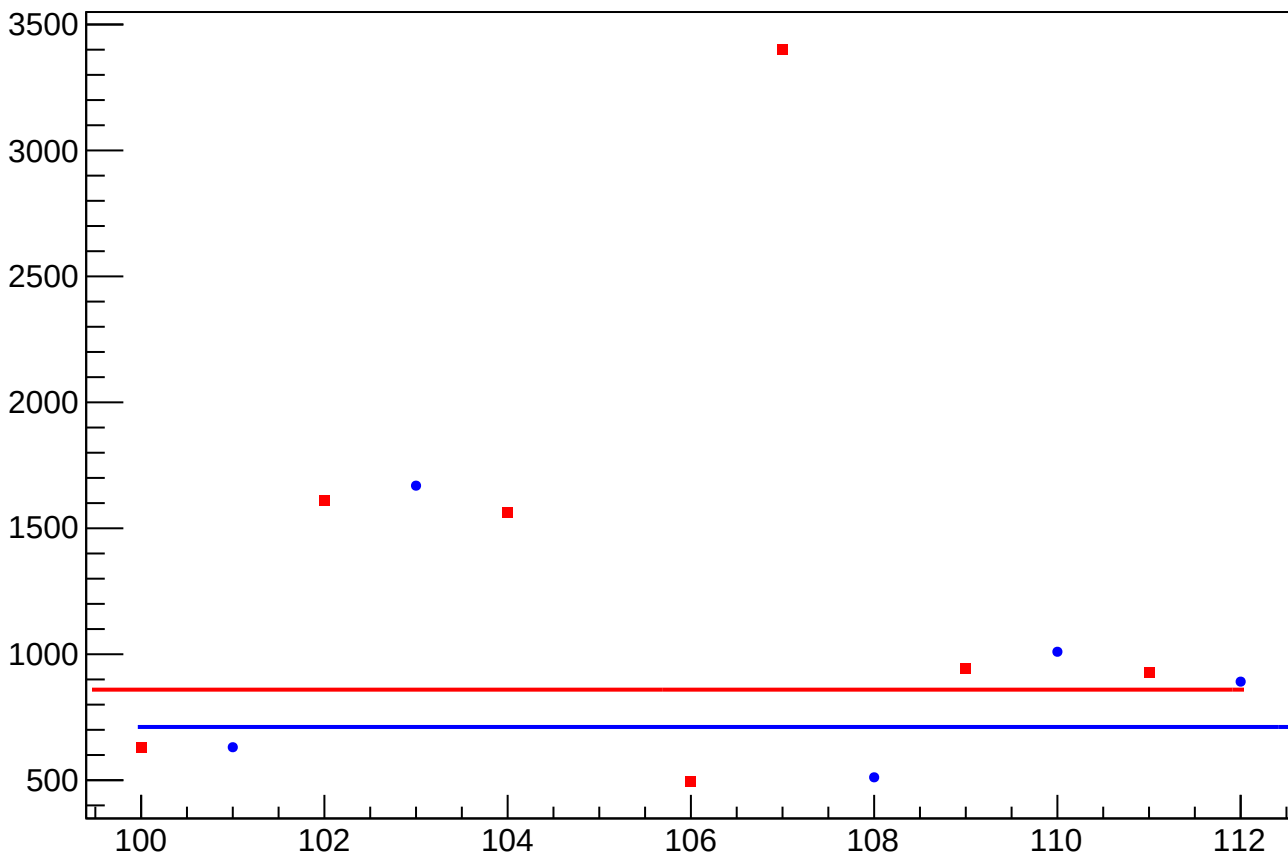
Right: -555.554+/-373.181 χ^2 /NDF: 10.7/11

In: -789.682+/-480.356 χ^2 /NDF:3.2/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -555.554+/-373.181 χ^2 /NDF: 10.7/11

asym_at1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 711.334+/-0.340 χ^2/NDF : 645045.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 859.464+/-0.419 χ^2/NDF : 1098056.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

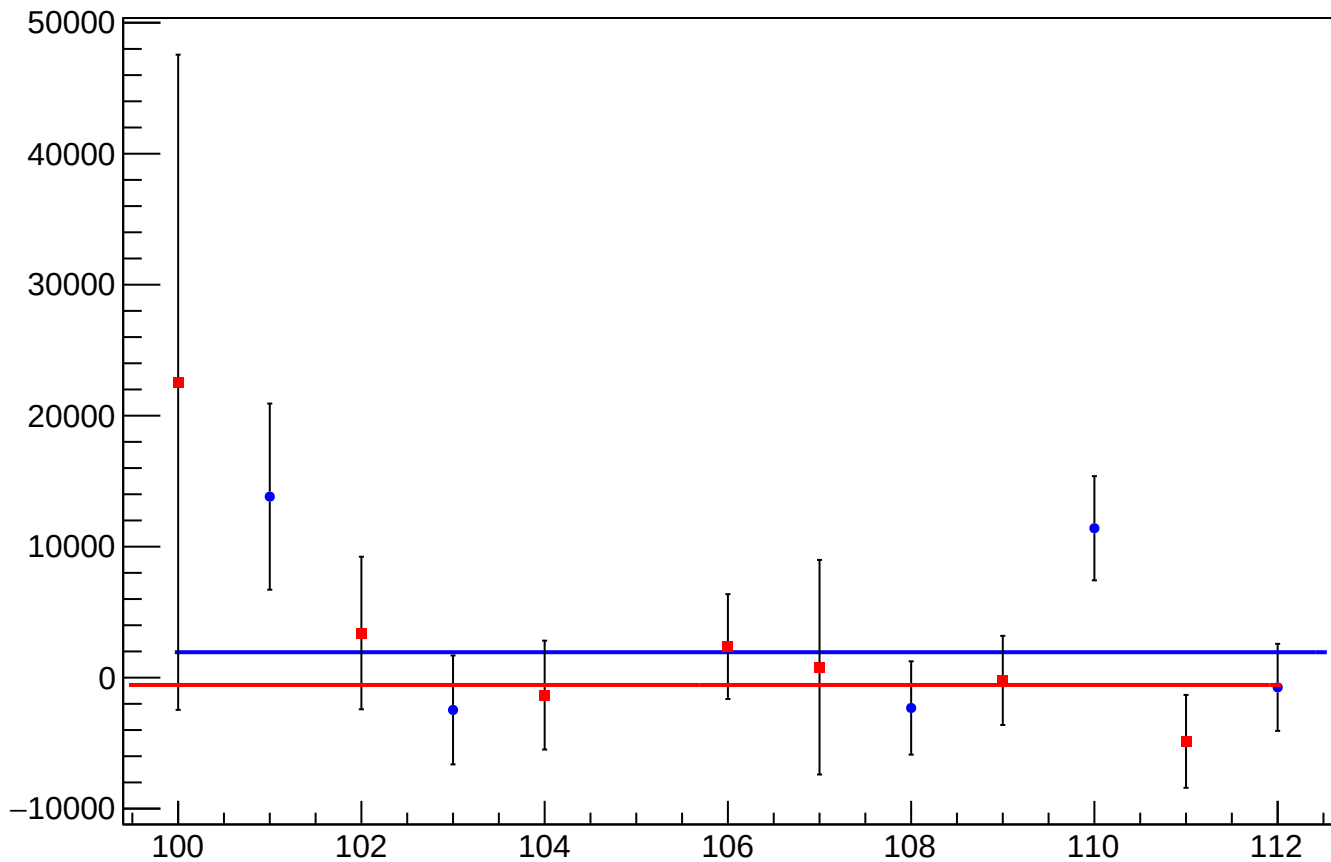
Right: 770.061+/-0.264 χ^2/NDF : 1818504.0/11

In: 711.334+/-0.340 χ^2/NDF : 645045.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 770.061+/-0.264 χ^2/NDF : 1818504.0/11

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1940.808+/-1795.007 χ^2/NDF : 11.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -559.914+/-1735.092 χ^2/NDF : 3.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

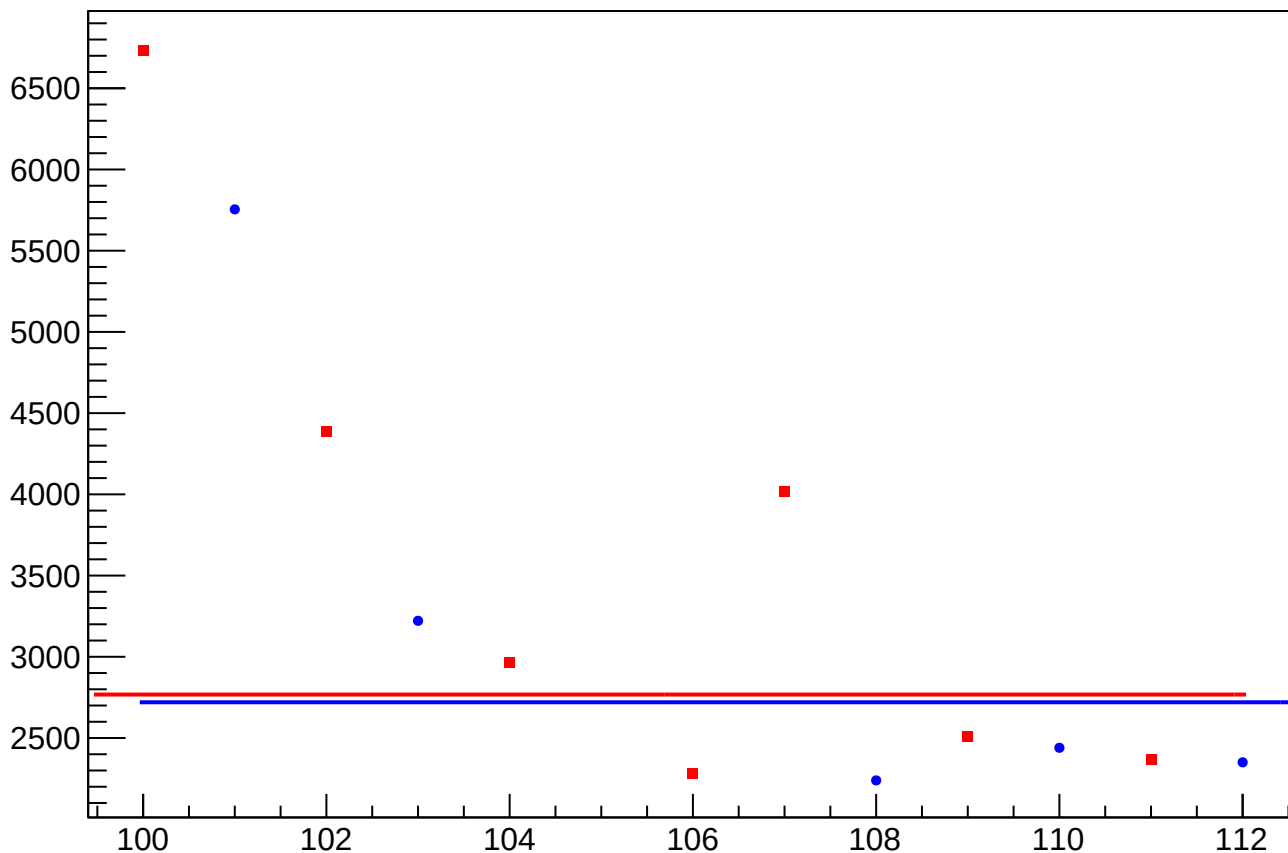
Right: 648.015+/-1247.539 χ^2/NDF : 16.1/11

In: 1940.808+/-1795.007 χ^2/NDF : 11.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 648.015+/-1247.539 χ^2/NDF : 16.1/11

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2719.967+/-1.269 χ^2/NDF : 464973.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2767.538+/-1.227 χ^2/NDF : 321739.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

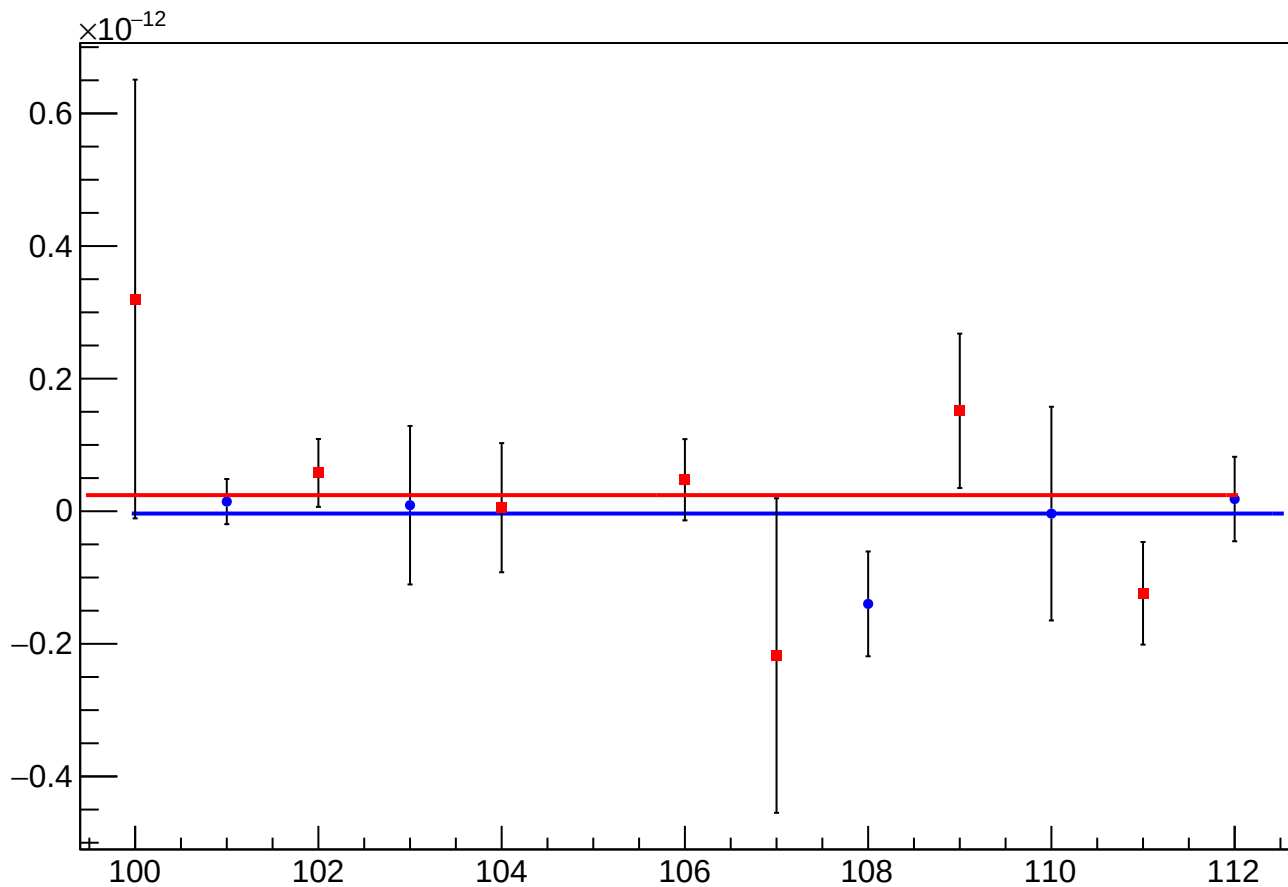
Right: 2744.560+/-0.882 χ^2/NDF : 787438.7/11

In: 2719.967+/-1.269 χ^2/NDF : 464973.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2744.560+/-0.882 χ^2/NDF : 787438.7/11

asym_at1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

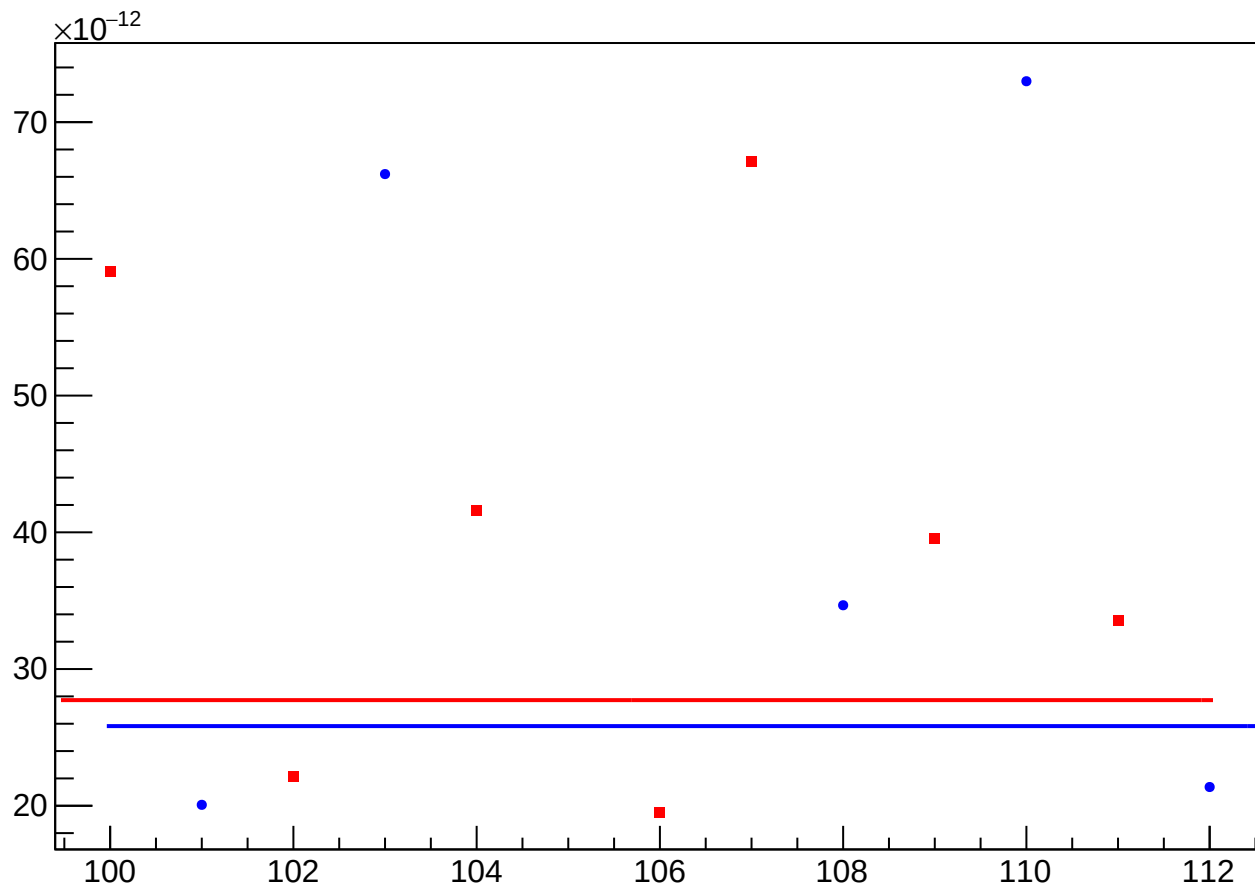
Right: 0.000+/-0.000 χ^2/NDF : 11.1/11

In: -0.000+/-0.000 χ^2/NDF : 3.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.1/11

asym_at1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 491385.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 205191.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

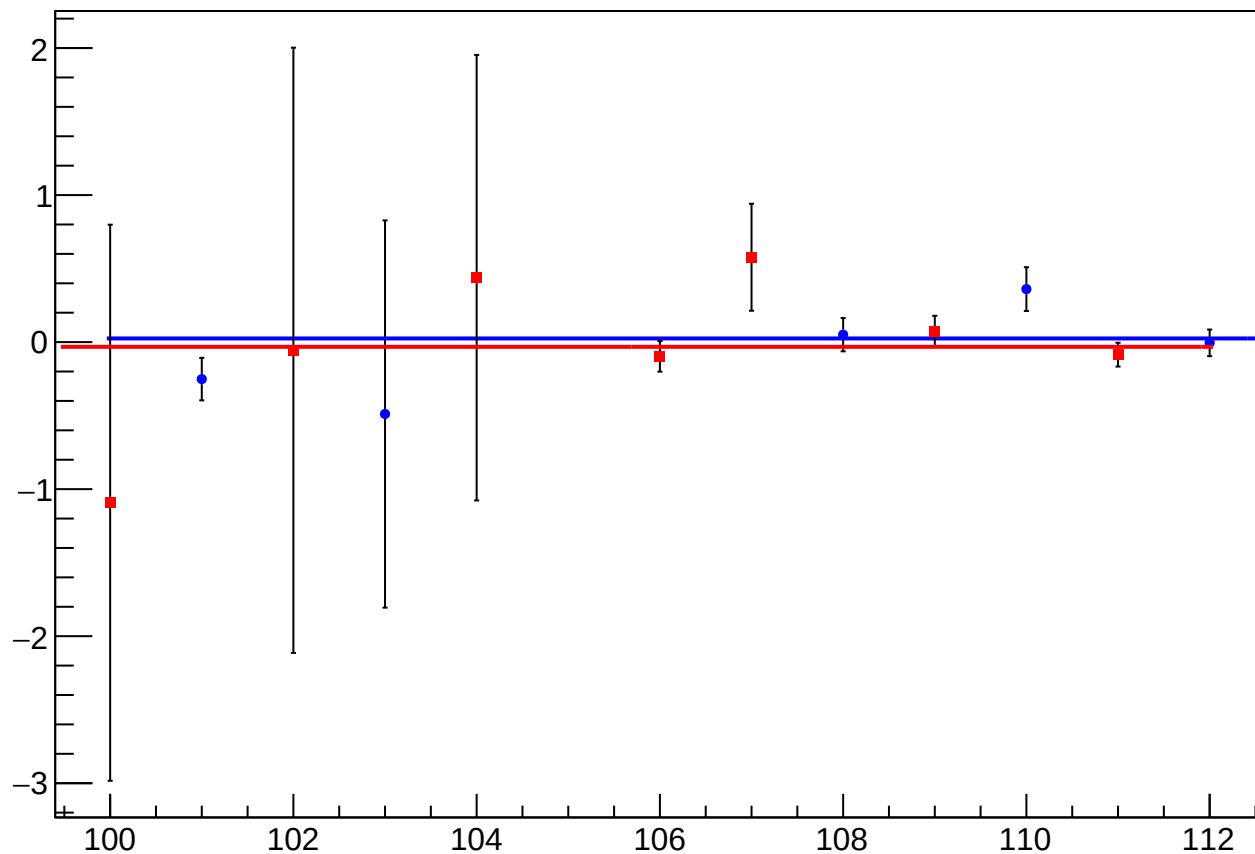
Right: 0.000+/-0.000 χ^2/NDF : 700808.0/11

In: 0.000+/-0.000 χ^2/NDF : 491385.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 700808.0/11

asym_at1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.025+/-0.058 χ^2/NDF : 9.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.032+/-0.054 χ^2/NDF : 5.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

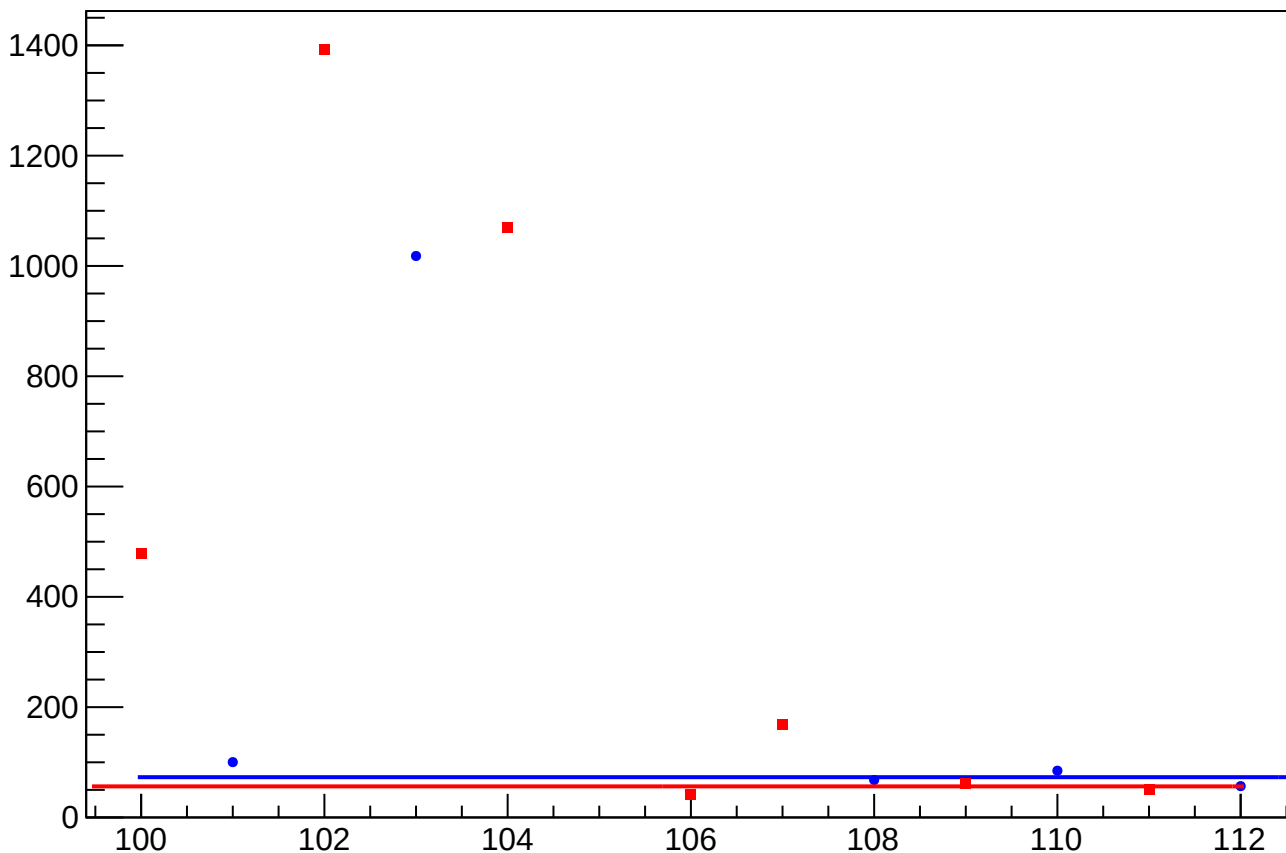
Right: -0.006+/-0.040 χ^2/NDF : 14.6/11

In: 0.025+/-0.058 χ^2/NDF : 9.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.040 χ^2/NDF : 14.6/11

asym_at1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.025+/-0.041 χ^2/NDF : 1181901.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.343+/-0.038 χ^2/NDF : 2087879.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

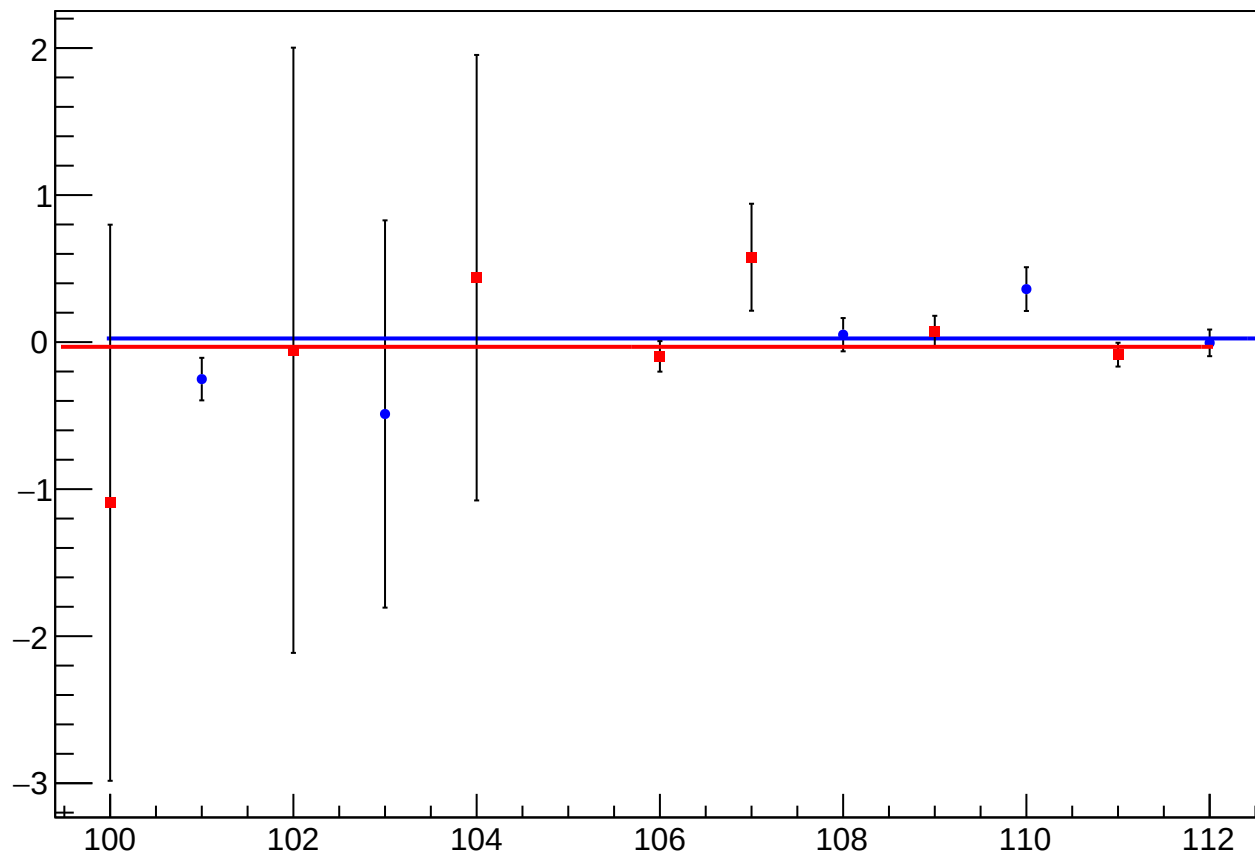
Right: 64.015+/-0.028 χ^2/NDF : 3358007.5/11

In: 73.025+/-0.041 χ^2/NDF : 1181901.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.015+/-0.028 χ^2/NDF : 3358007.5/11

asym_at1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.025+/-0.058 χ^2/NDF : 9.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.032+/-0.054 χ^2/NDF : 5.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

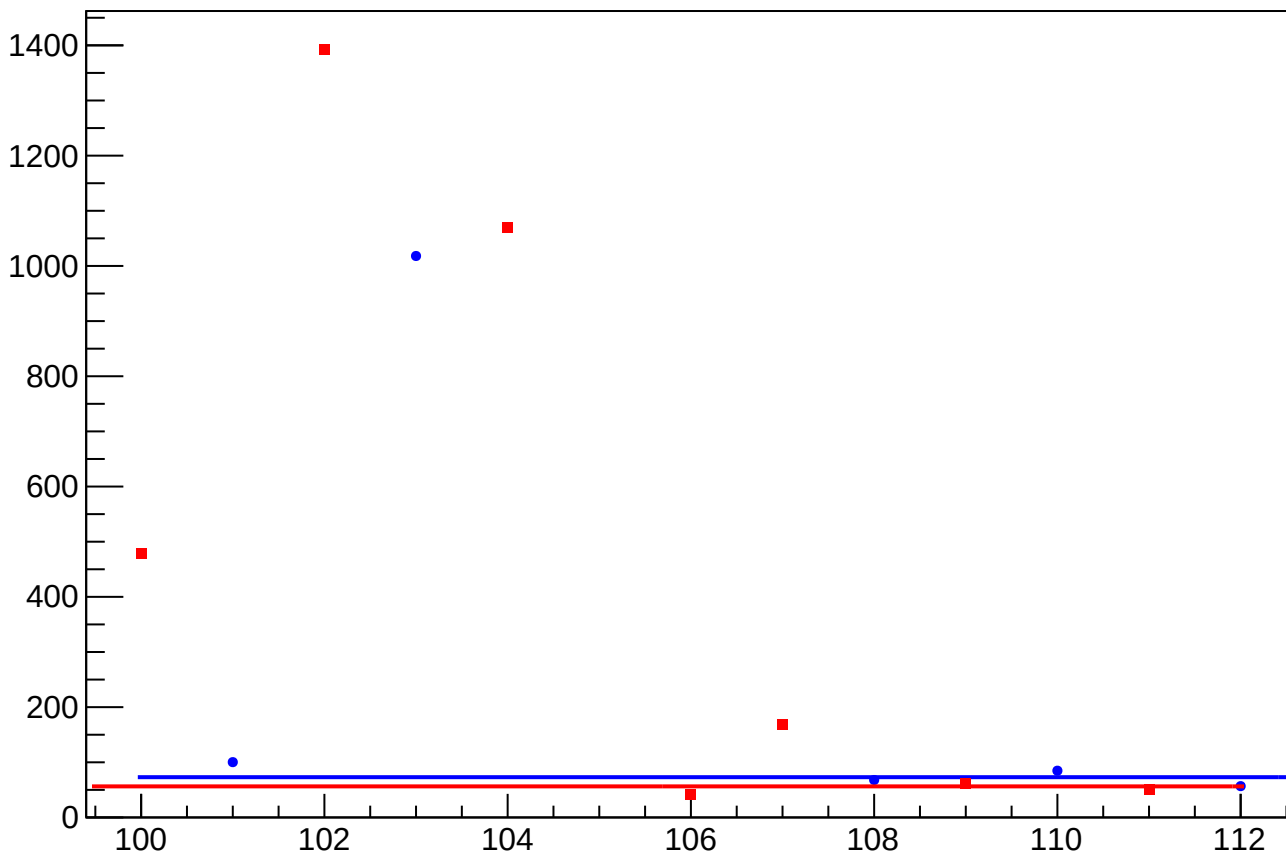
Right: -0.006+/-0.040 χ^2/NDF : 14.6/11

In: 0.025+/-0.058 χ^2/NDF : 9.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.040 χ^2/NDF : 14.6/11

asym_at1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.025+/-0.041 χ^2/NDF : 1181901.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.343+/-0.038 χ^2/NDF : 2087879.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

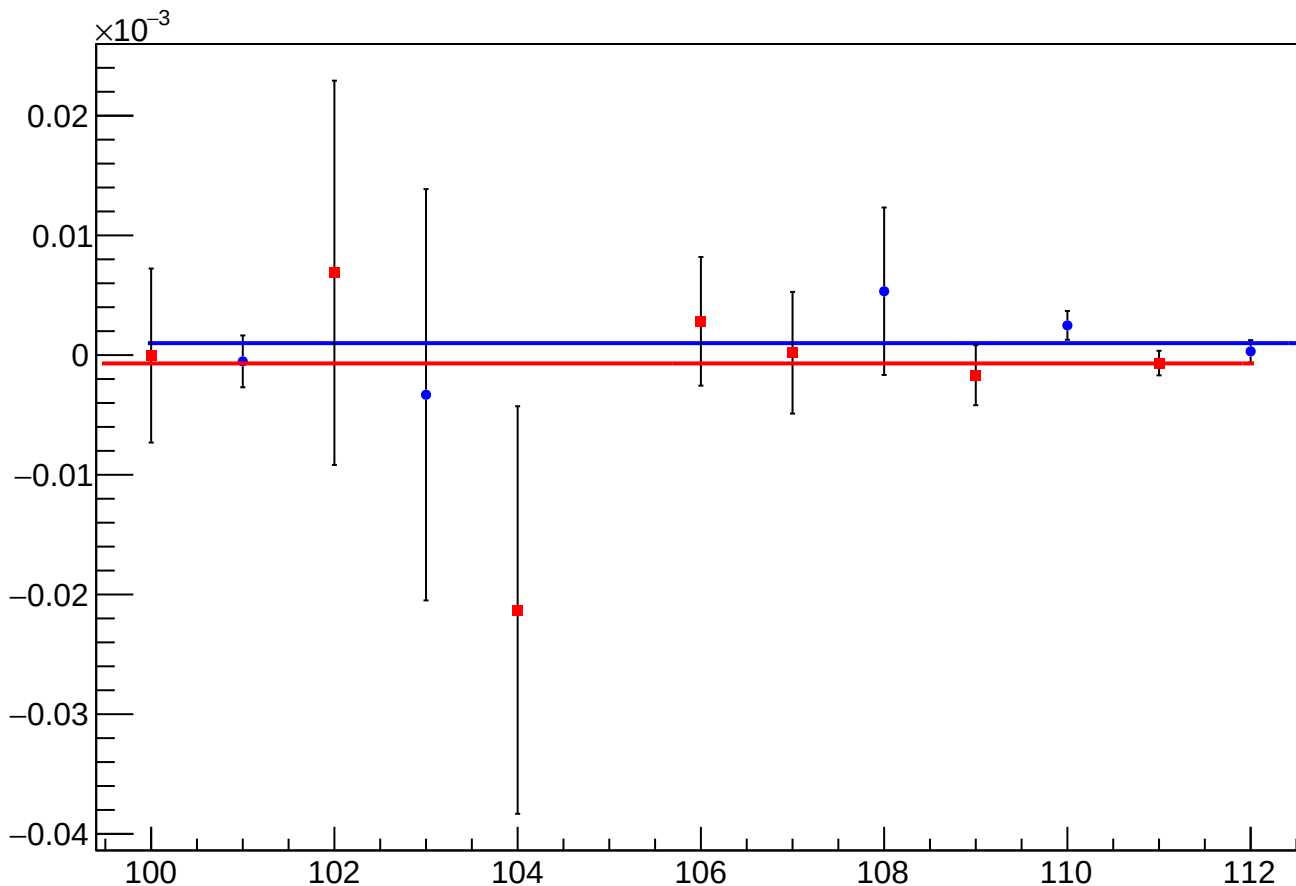
Right: 64.015+/-0.028 χ^2/NDF : 3358007.5/11

In: 73.025+/-0.041 χ^2/NDF : 1181901.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.015+/-0.028 χ^2/NDF : 3358007.5/11

asym_at1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

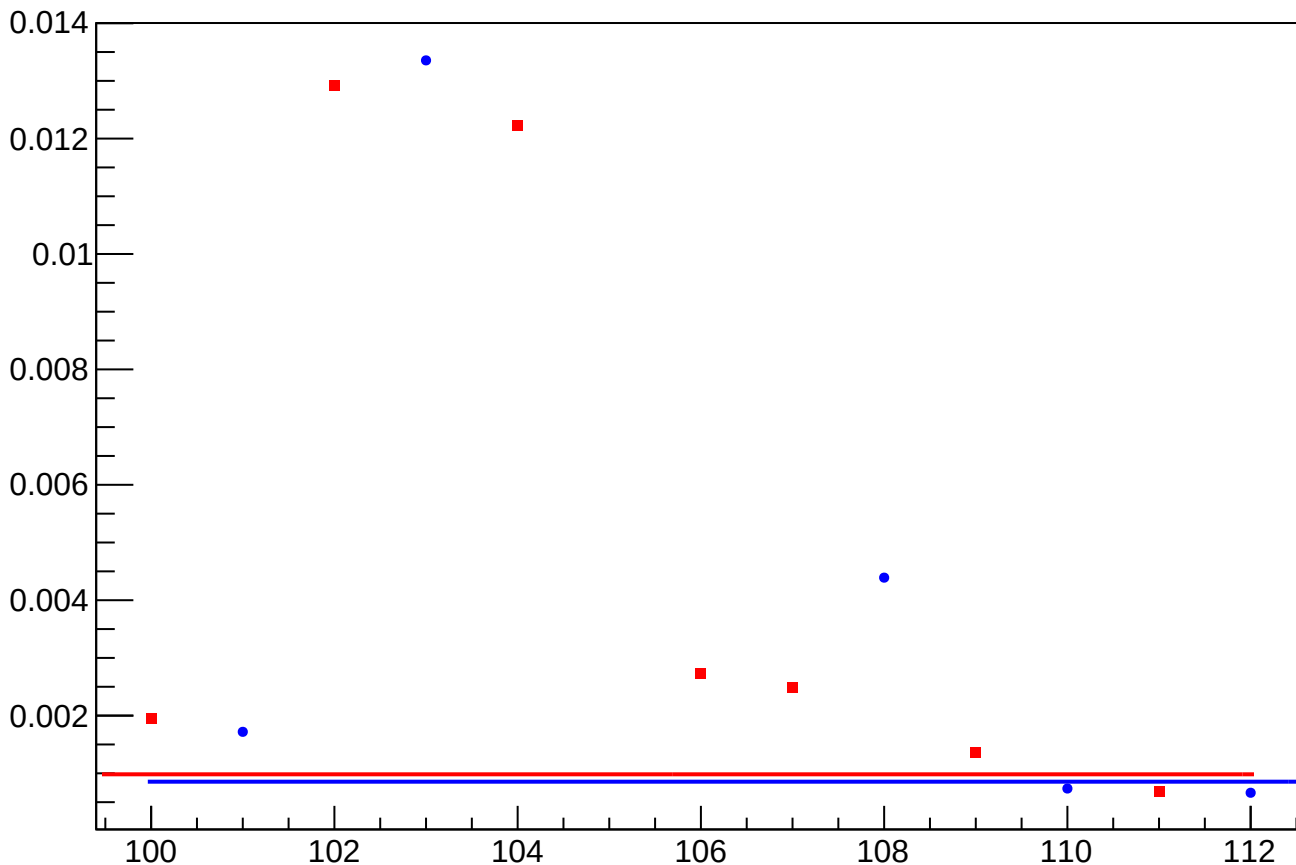
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.5/11

In: 0.000 $\pm$ 0.000 χ^2 /NDF:3.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.5/11

asym_at1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1990603.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2614596.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

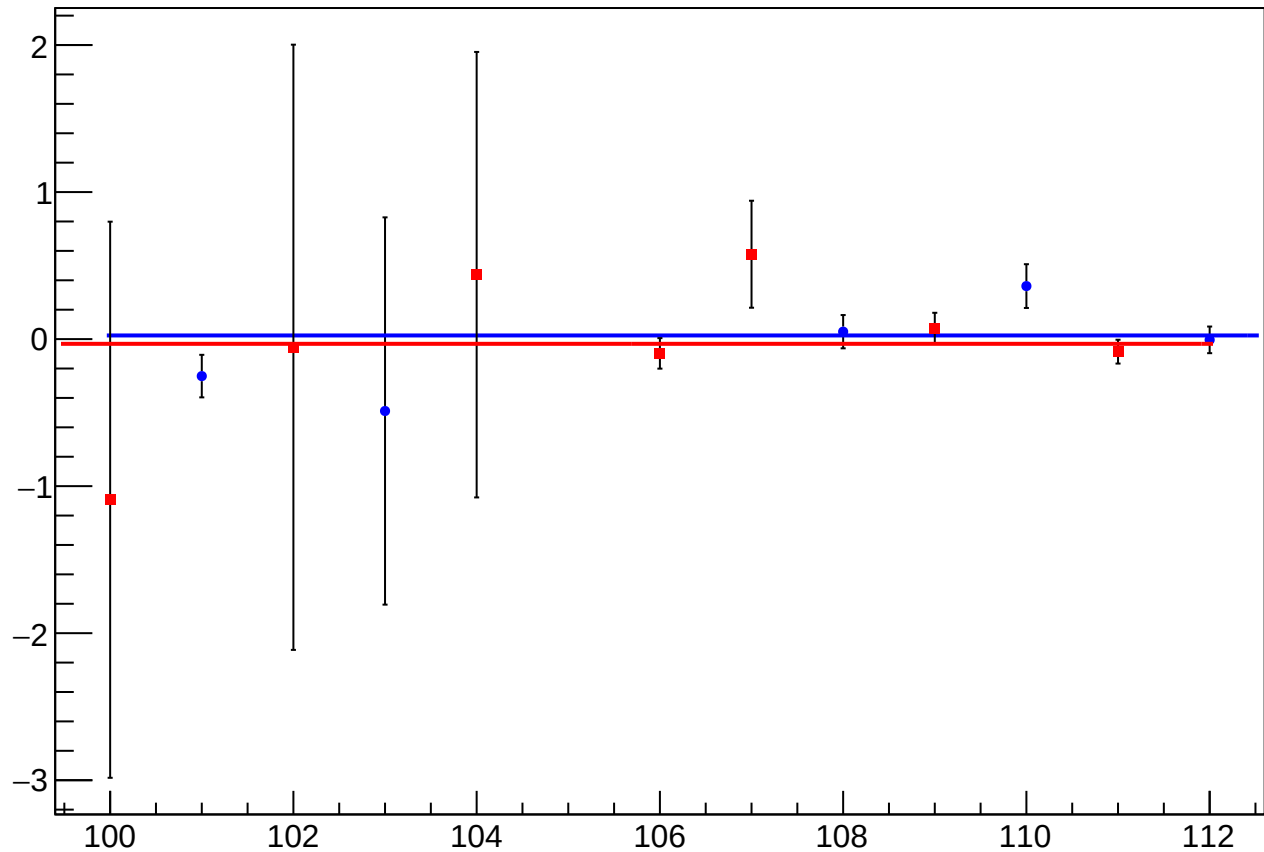
Right: 0.001+/-0.000 χ^2/NDF : 4630117.2/11

In: 0.001+/-0.000 χ^2/NDF : 1990603.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4630117.2/11

asym_at1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.025+/-0.058 χ^2/NDF : 9.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.032+/-0.054 χ^2/NDF : 5.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

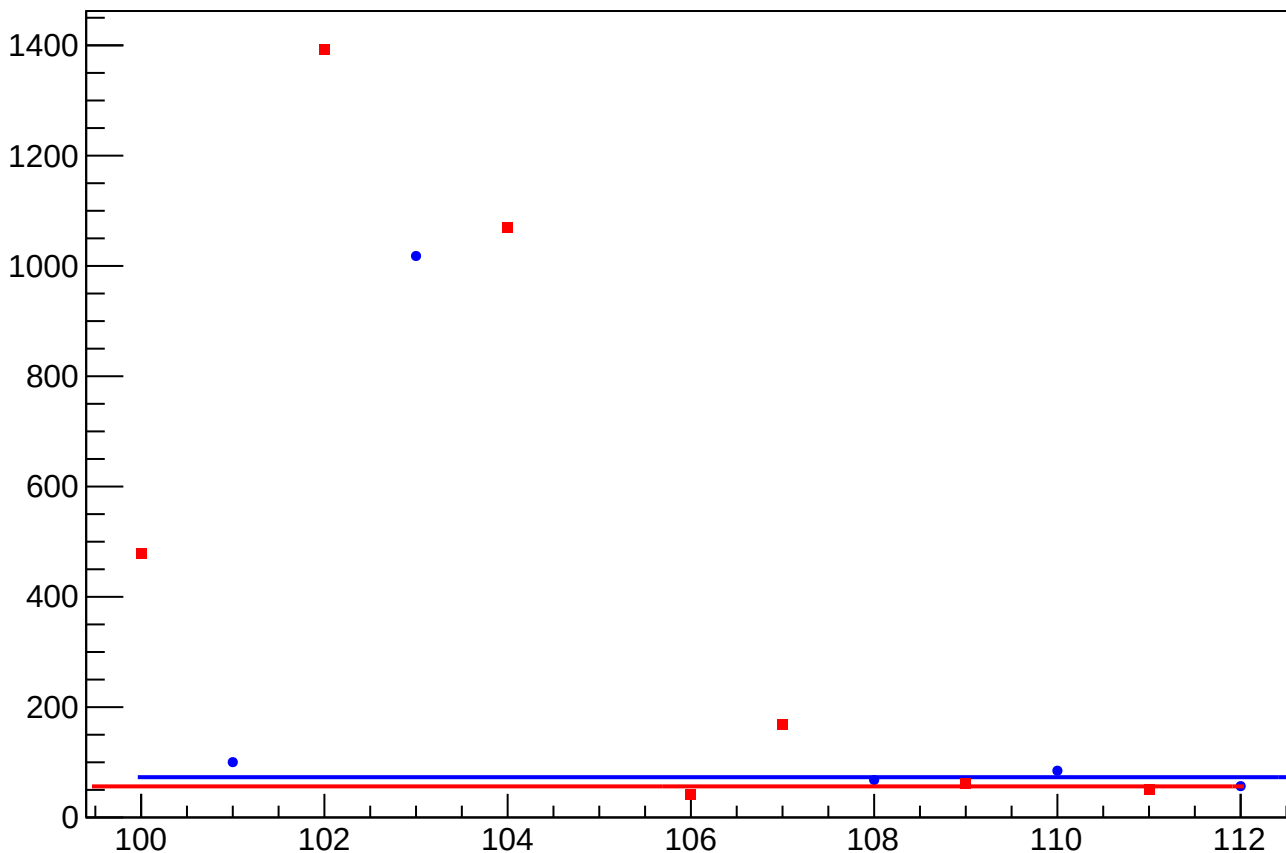
Right: -0.006+/-0.040 χ^2/NDF : 14.6/11

In: 0.025+/-0.058 χ^2/NDF : 9.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.040 χ^2/NDF : 14.6/11

asym_at1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.026+/-0.041 χ^2/NDF : 1181895.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.341+/-0.038 χ^2/NDF : 2087897.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

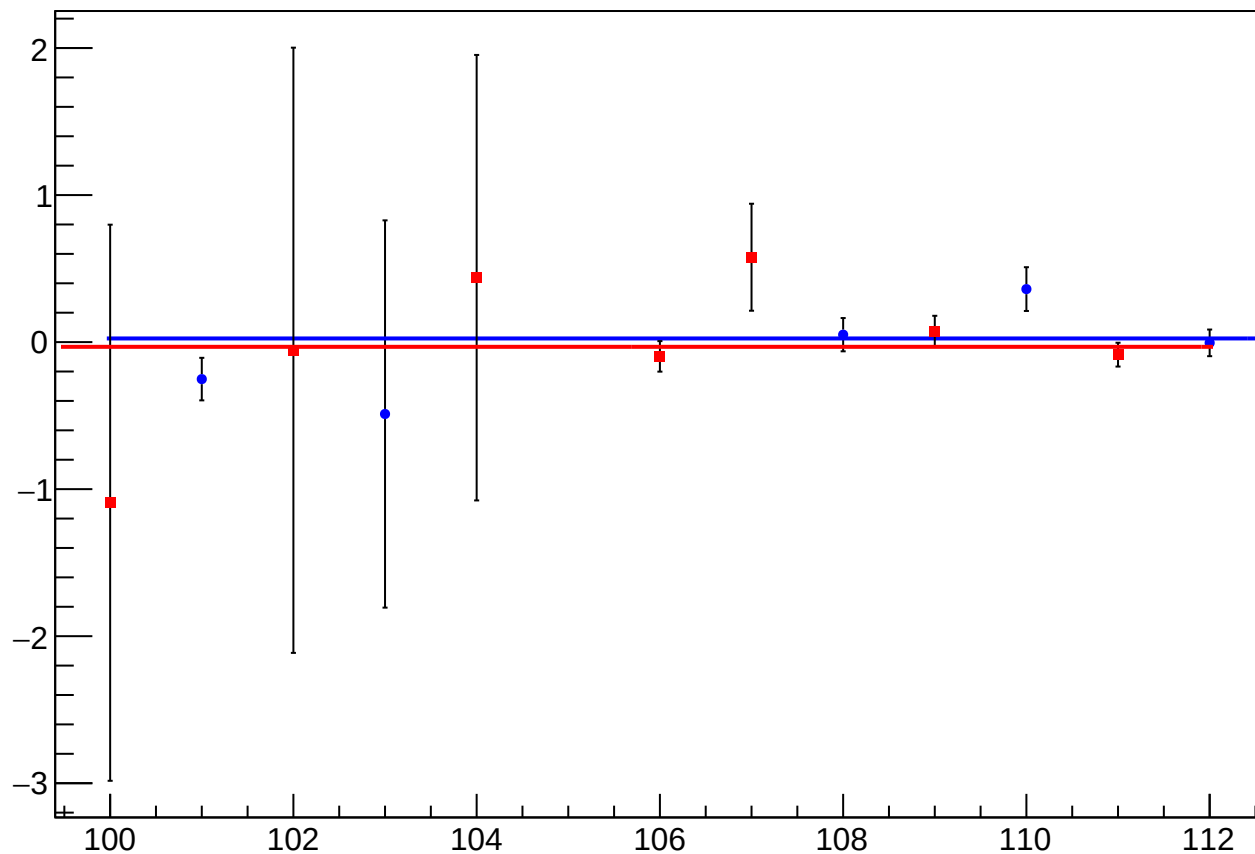
Right: 64.014+/-0.028 χ^2/NDF : 3358044.3/11

In: 73.026+/-0.041 χ^2/NDF : 1181895.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.014+/-0.028 χ^2/NDF : 3358044.3/11

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.025+/-0.058 χ^2/NDF : 9.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.032+/-0.054 χ^2/NDF : 5.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

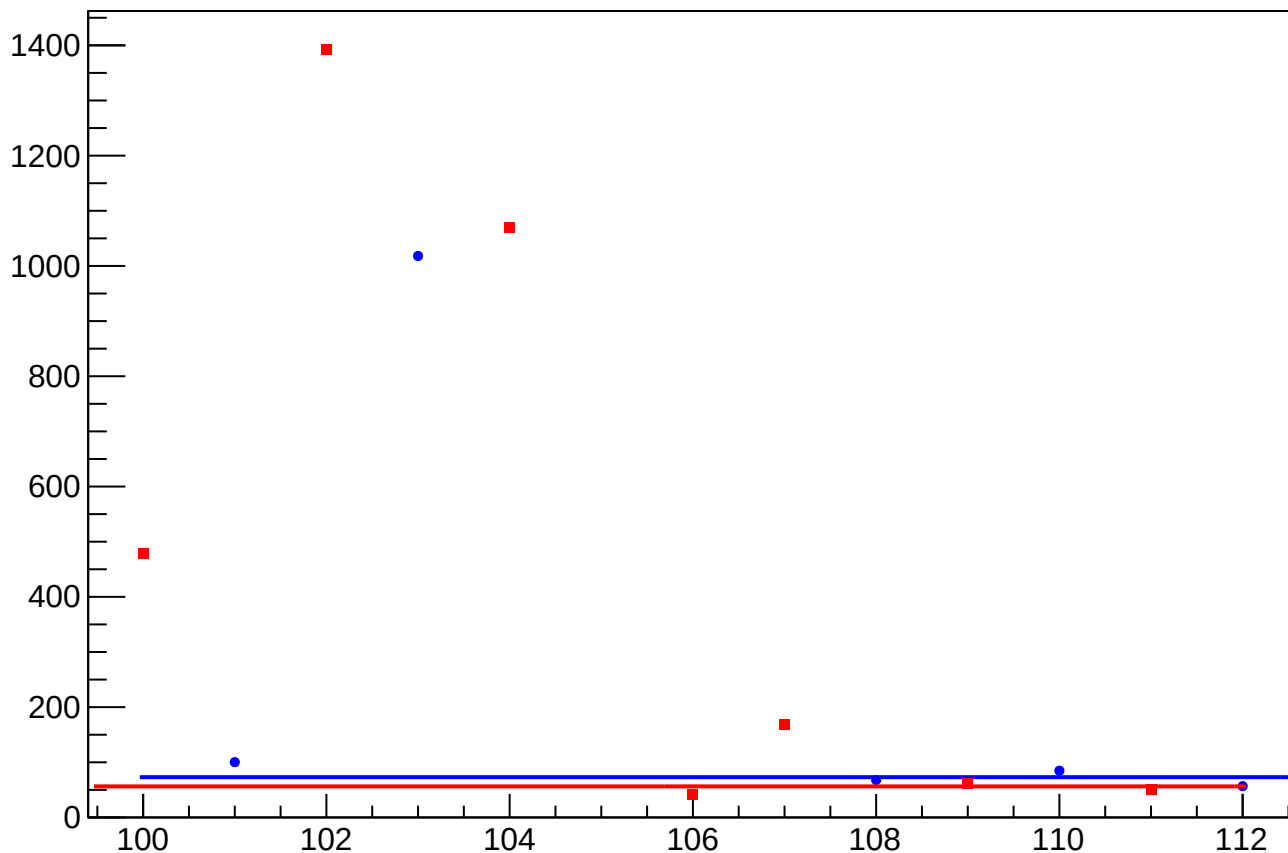
Right: -0.006+/-0.040 χ^2/NDF : 14.6/11

In: 0.025+/-0.058 χ^2/NDF : 9.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.040 χ^2/NDF : 14.6/11

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.026+/-0.041 χ^2/NDF : 1181895.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.341+/-0.038 χ^2/NDF : 2087897.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

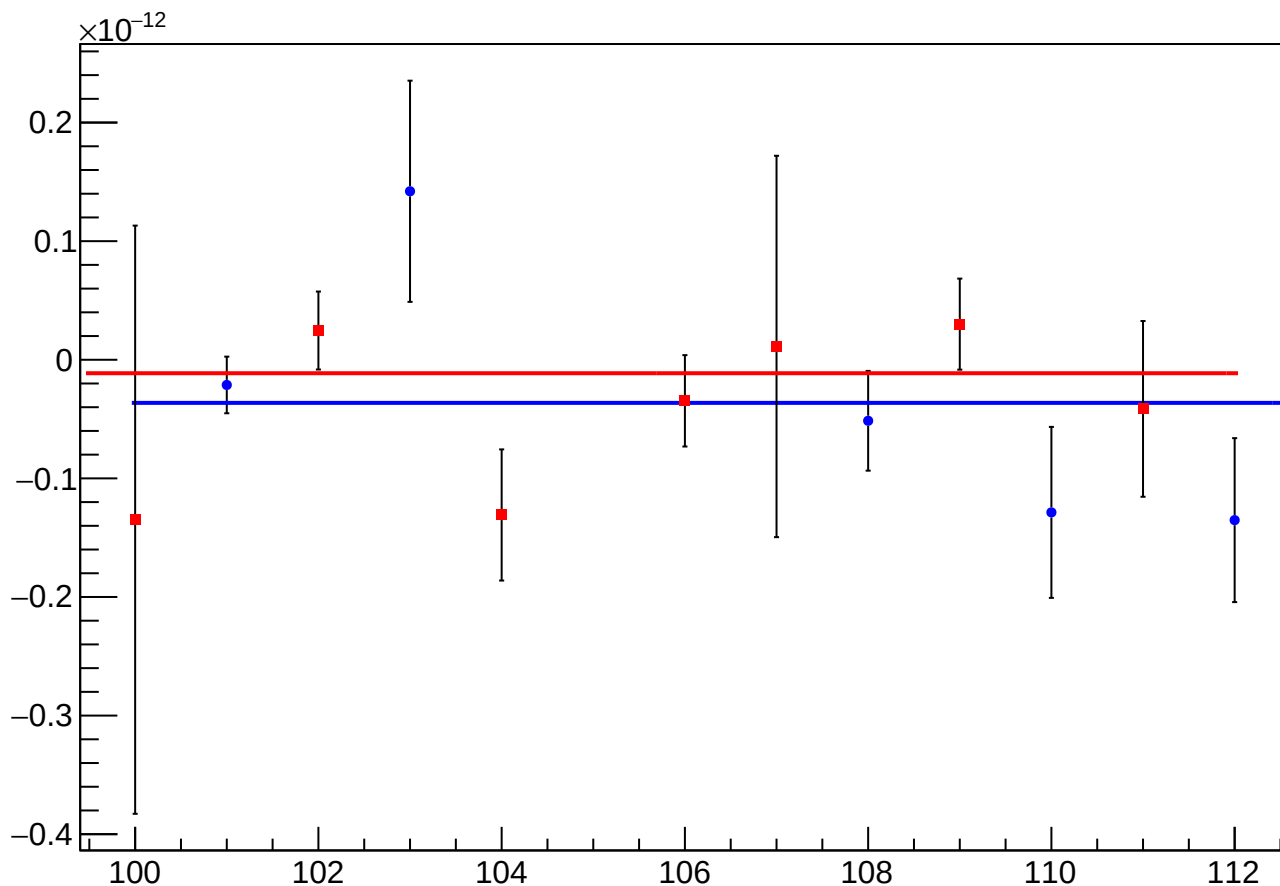
Right: 64.014+/-0.028 χ^2/NDF : 3358044.3/11

In: 73.026+/-0.041 χ^2/NDF : 1181895.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.014+/-0.028 χ^2/NDF : 3358044.3/11

asym_at1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

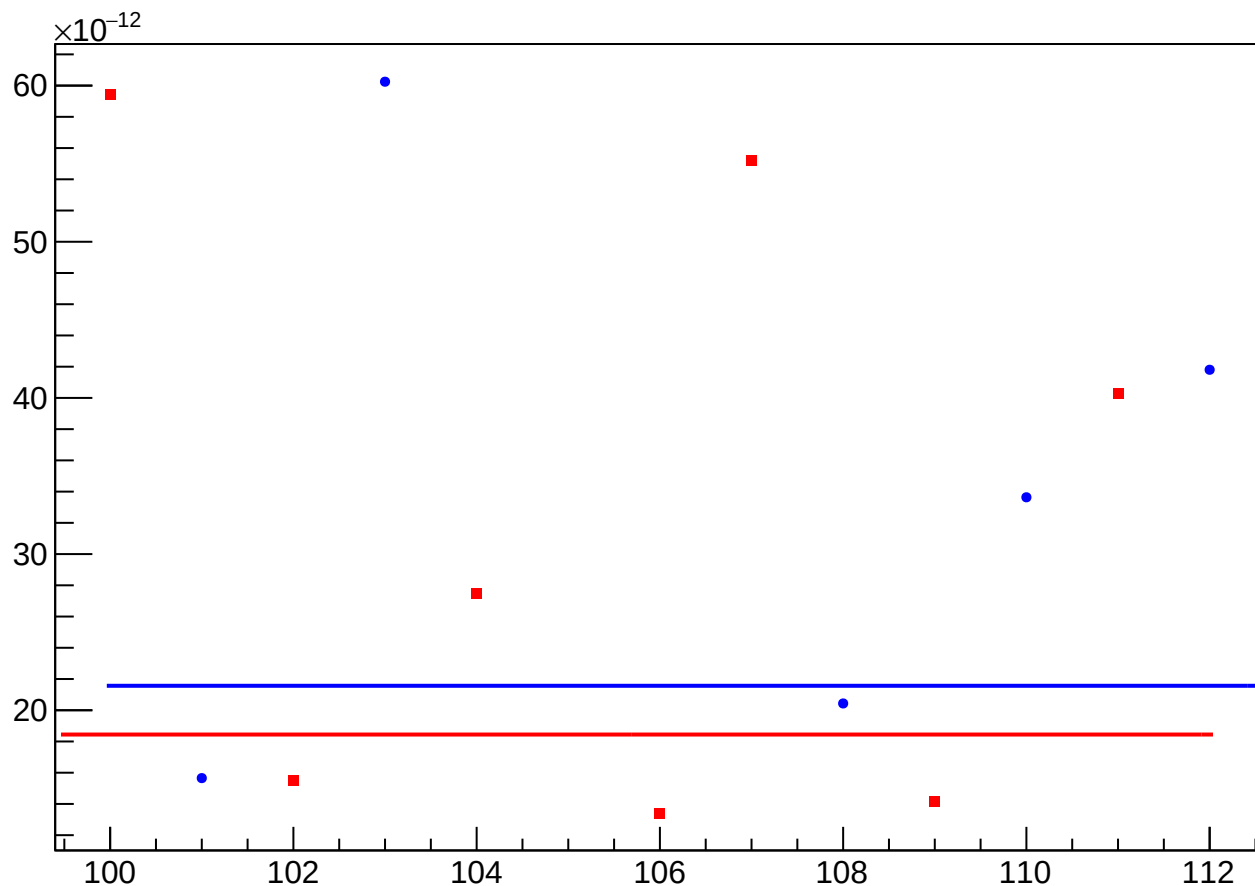
Right: -0.000+/-0.000 χ^2/NDF : 16.6/11

In: -0.000+/-0.000 χ^2/NDF : 7.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.6/11

asym_at1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 695766.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 461883.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

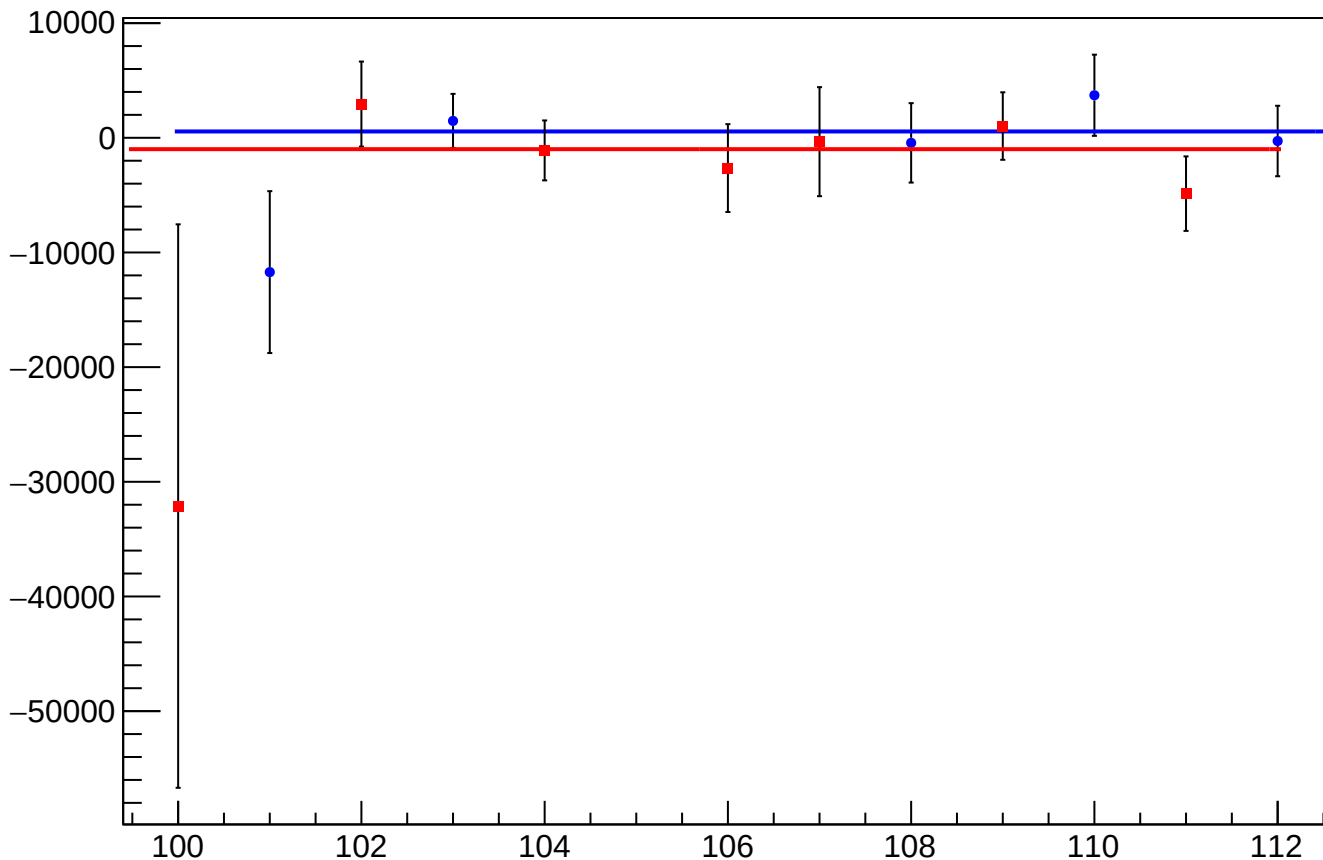
Right: 0.000+/-0.000 χ^2/NDF : 1185321.0/11

In: 0.000+/-0.000 χ^2/NDF : 695766.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1185321.0/11

reg_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 552.973+/-1460.299 χ^2/NDF : 4.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -991.604+/-1356.711 χ^2/NDF : 4.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

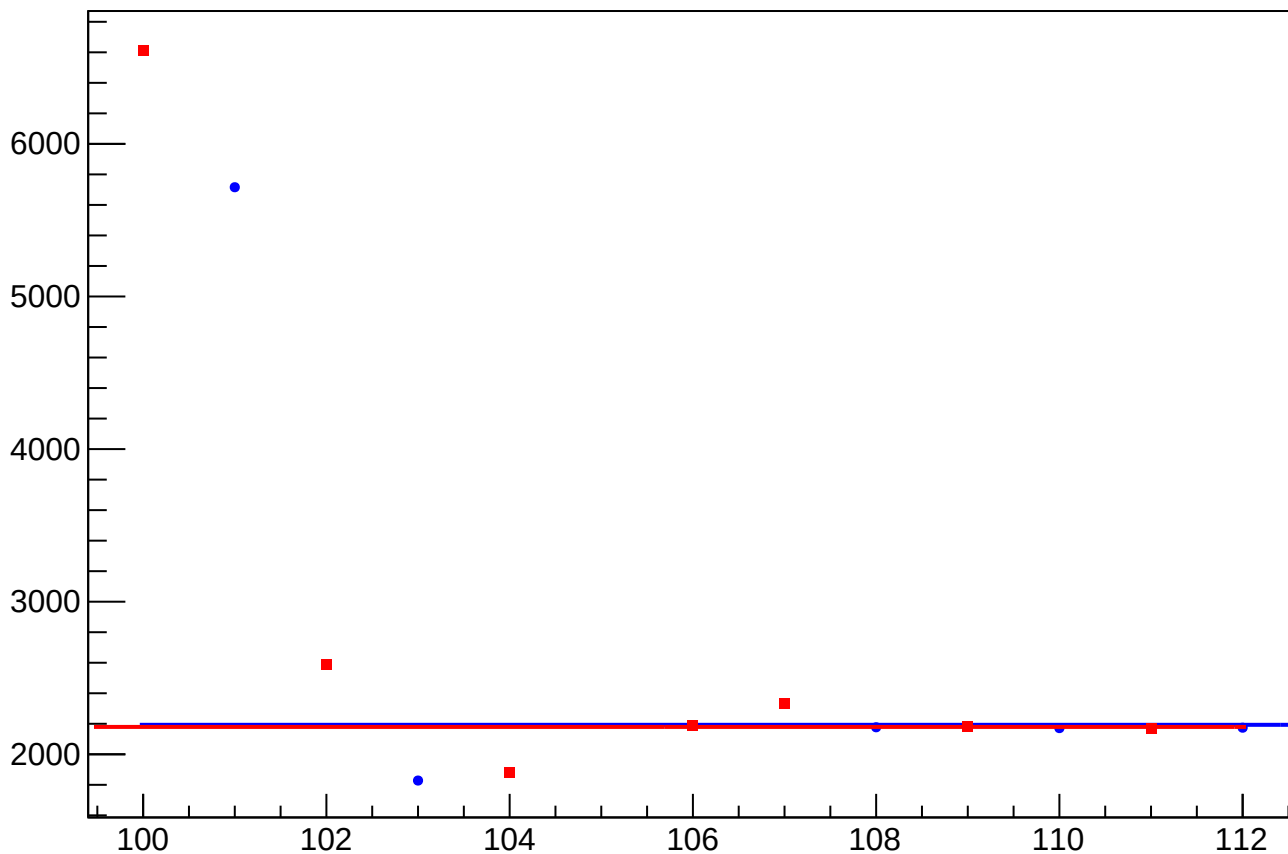
Right: -276.037+/-993.945 χ^2/NDF : 9.6/11

In: 552.973+/-1460.299 χ^2/NDF : 4.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -276.037+/-993.945 χ^2/NDF : 9.6/11

reg_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2193.225+/-1.033 χ^2/NDF : 546264.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2179.443+/-0.959 χ^2/NDF : 118318.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

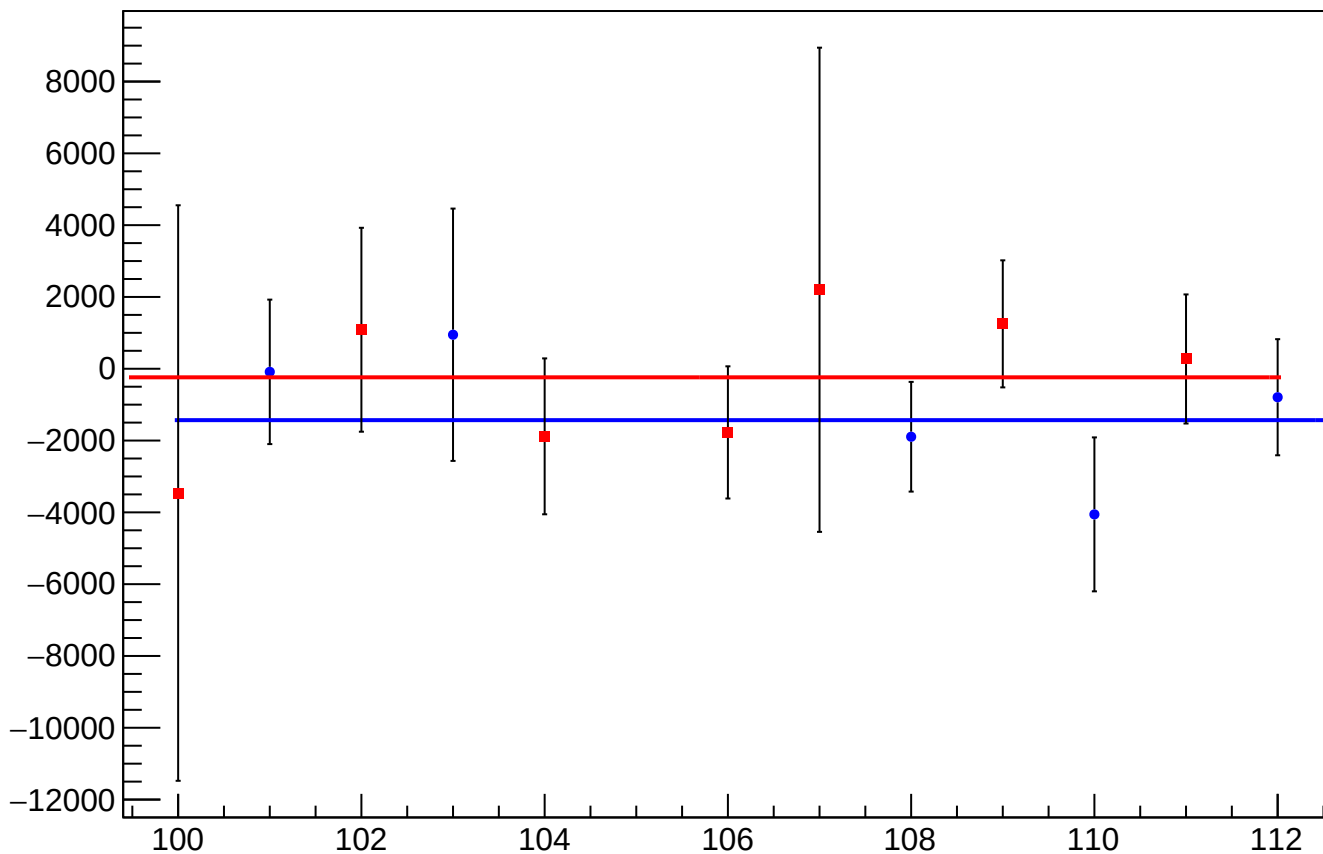
Right: 2185.828+/-0.703 χ^2/NDF : 664679.2/11

In: 2193.225+/-1.033 χ^2/NDF : 546264.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2185.828+/-0.703 χ^2/NDF : 664679.2/11

asym_at1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -1431.500+/-858.674 χ^2/NDF : 2.7/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -238.675+/-877.917 χ^2/NDF : 2.6/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

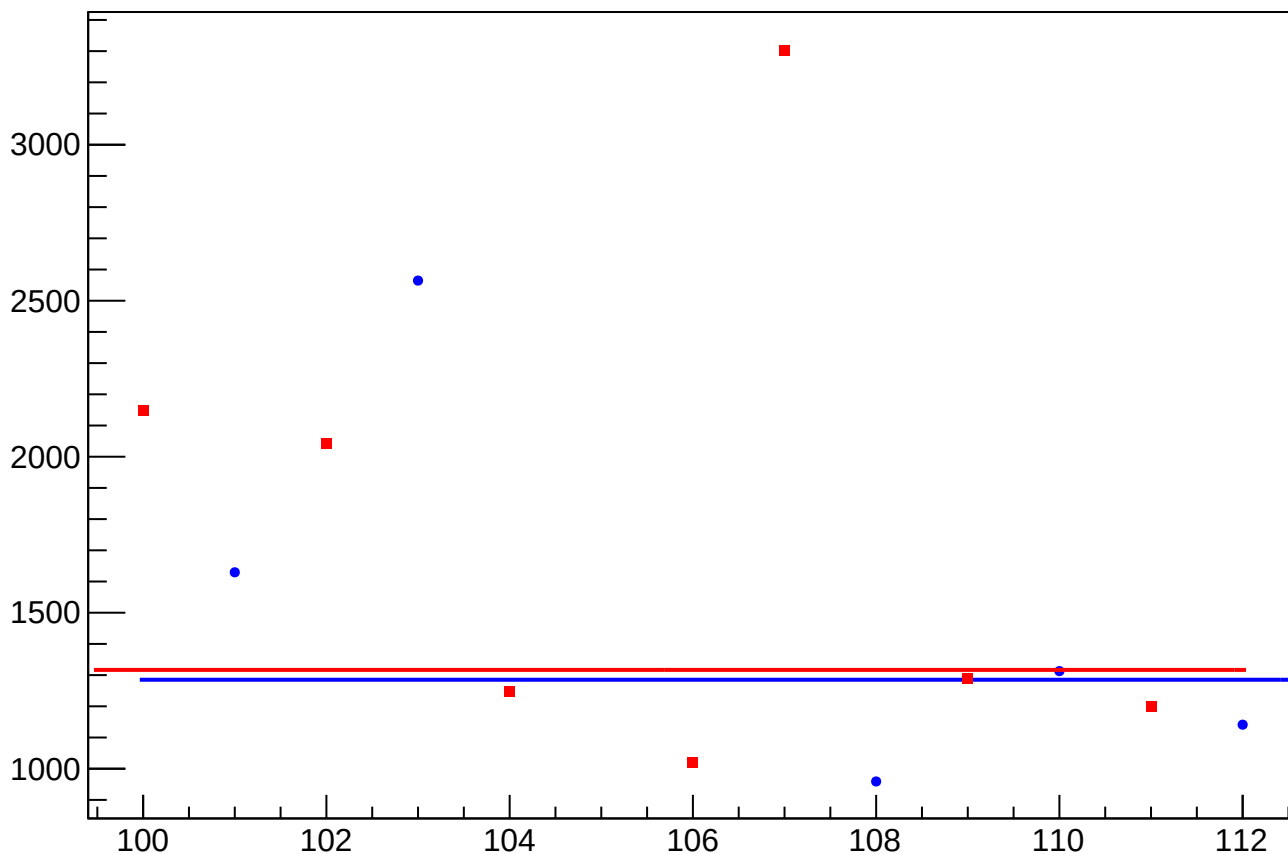
Right: -848.303+/-613.864 χ^2/NDF : 6.2/11

In: -1431.500+/-858.674 χ^2/NDF :2.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -848.303+/-613.864 χ^2/NDF : 6.2/11

asym_at1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1285.141+/-0.607 χ^2/NDF : 430944.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1316.711+/-0.621 χ^2/NDF : 388857.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

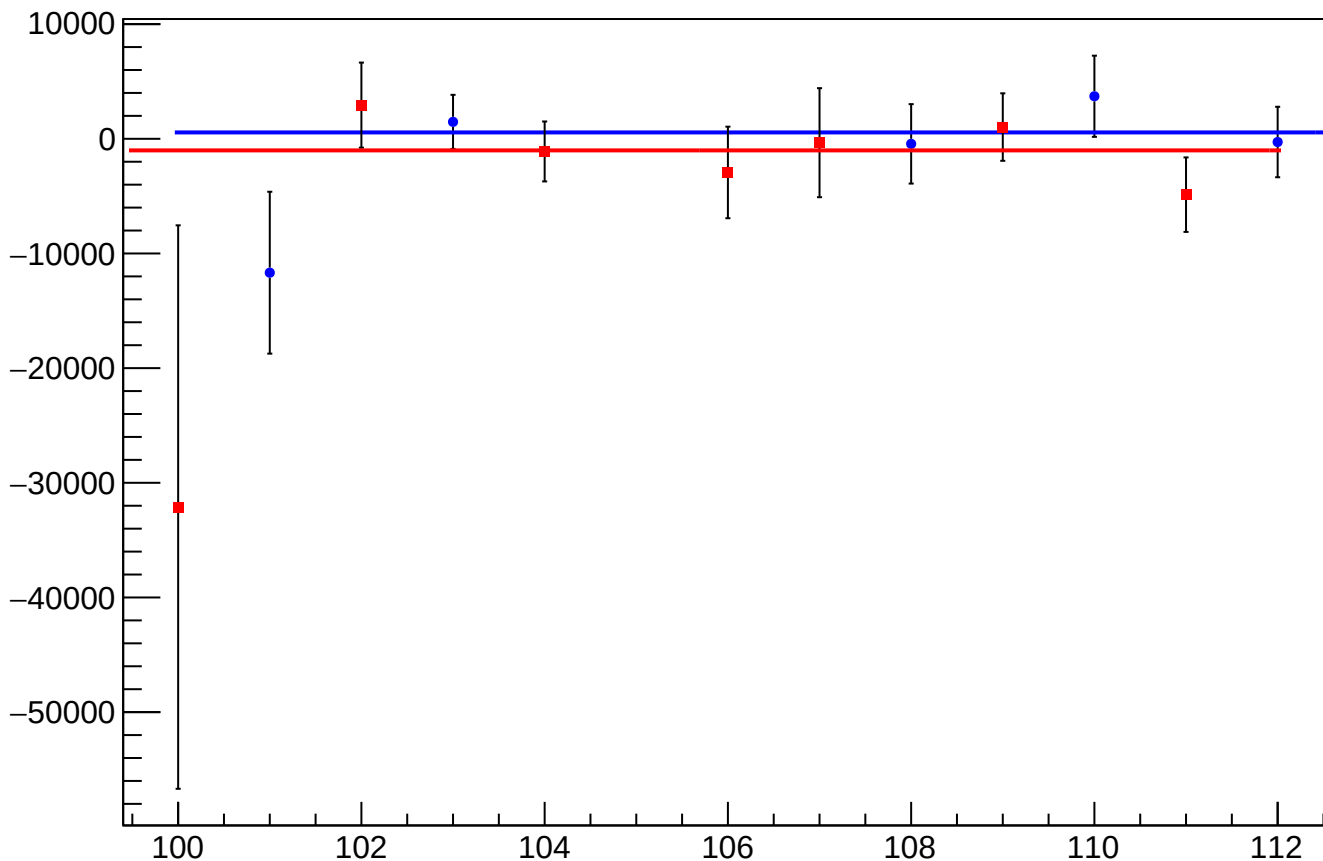
Right: 1300.576+/-0.434 χ^2/NDF : 821123.1/11

In: 1285.141+/-0.607 χ^2/NDF : 430944.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1300.576+/-0.434 χ^2/NDF : 821123.1/11

cor_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 555.837+/-1460.300 χ^2/NDF : 4.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1011.095+/-1363.473 χ^2/NDF : 4.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

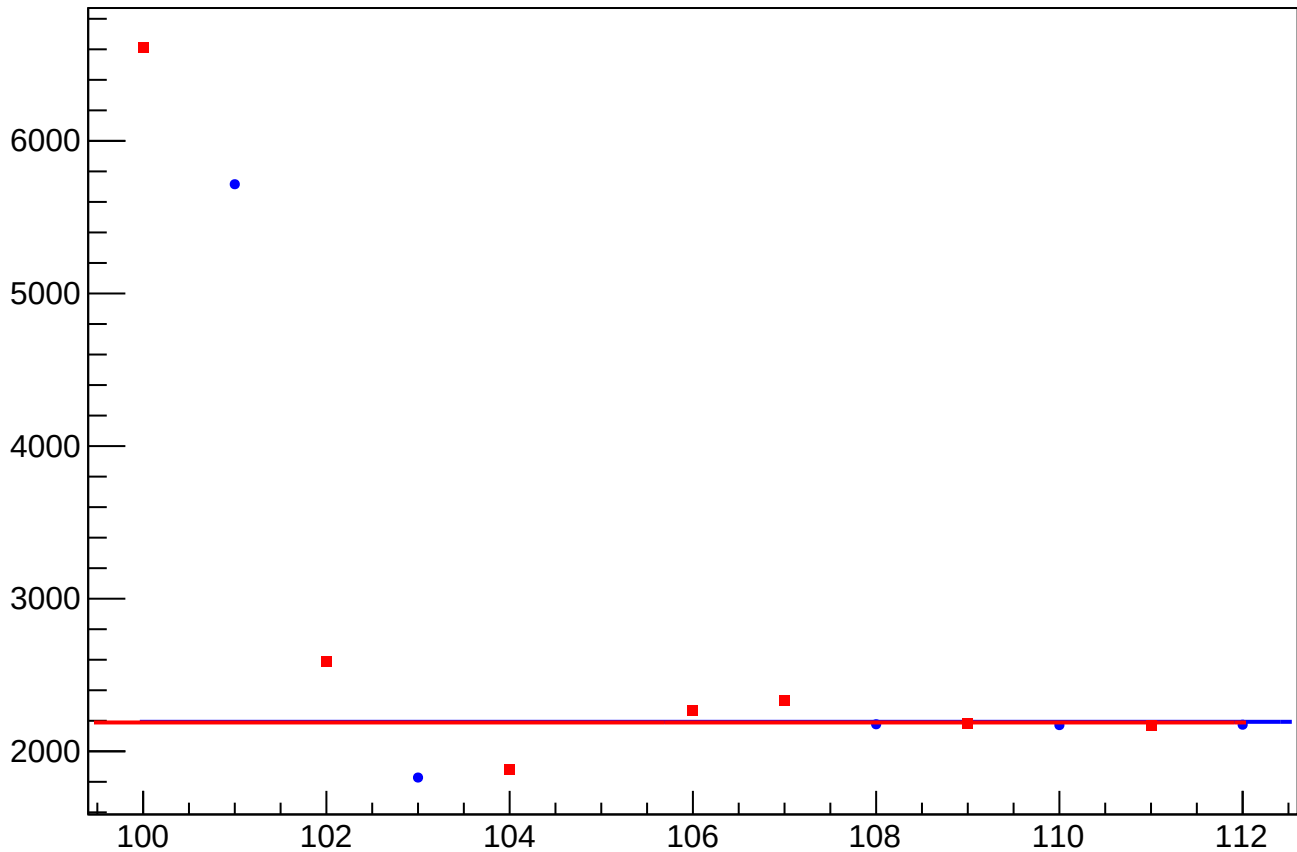
Right: -281.296+/-996.595 χ^2/NDF : 9.6/11

In: 555.837+/-1460.300 χ^2/NDF : 4.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -281.296+/-996.595 χ^2/NDF : 9.6/11

cor_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2193.226+/-1.033 χ^2/NDF : 546264.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2188.921+/-0.964 χ^2/NDF : 119224.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

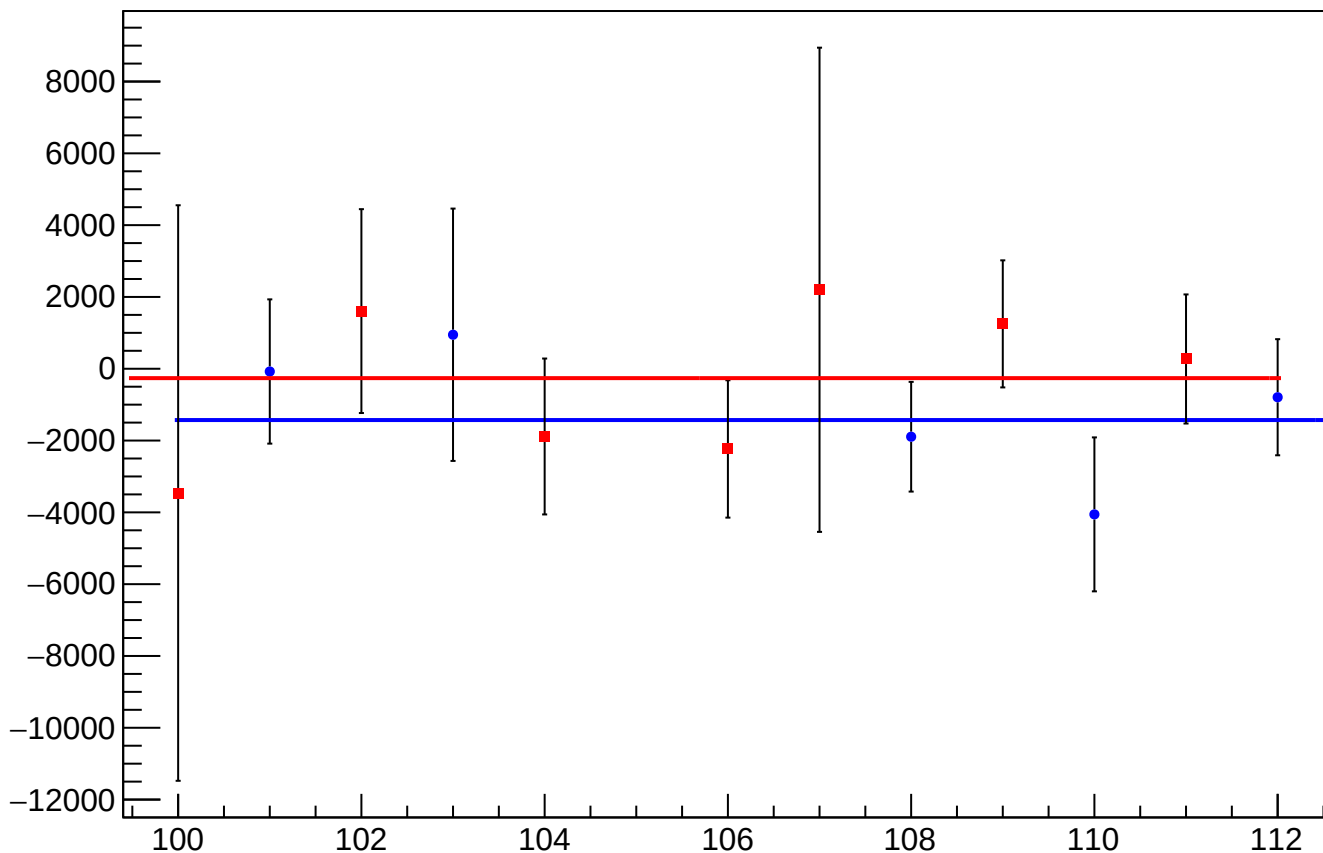
Right: 2190.926+/-0.705 χ^2/NDF : 665498.4/11

In: 2193.226+/-1.033 χ^2/NDF : 546264.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2190.926+/-0.705 χ^2/NDF : 665498.4/11

asym_at1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -1428.899+/-858.439 χ^2/NDF : 2.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -261.456+/-885.368 χ^2/NDF : 3.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

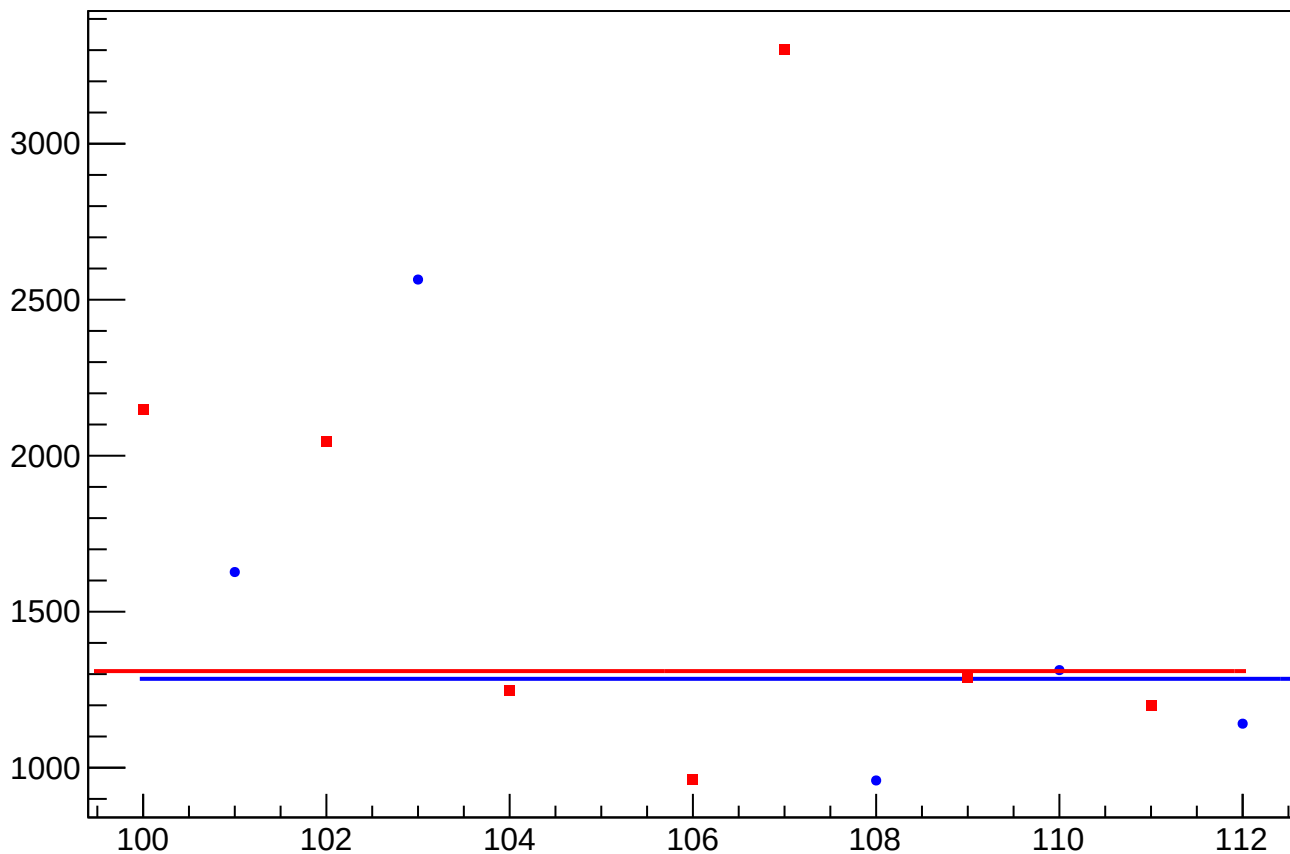
Right: -863.202+/-616.308 χ^2/NDF : 6.7/11

In: -1428.899+/-858.439 χ^2/NDF : 2.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -863.202+/-616.308 χ^2/NDF : 6.7/11

asym_at1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1284.878+/-0.607 χ^2/NDF : 430353.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1309.637+/-0.626 χ^2/NDF : 407051.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

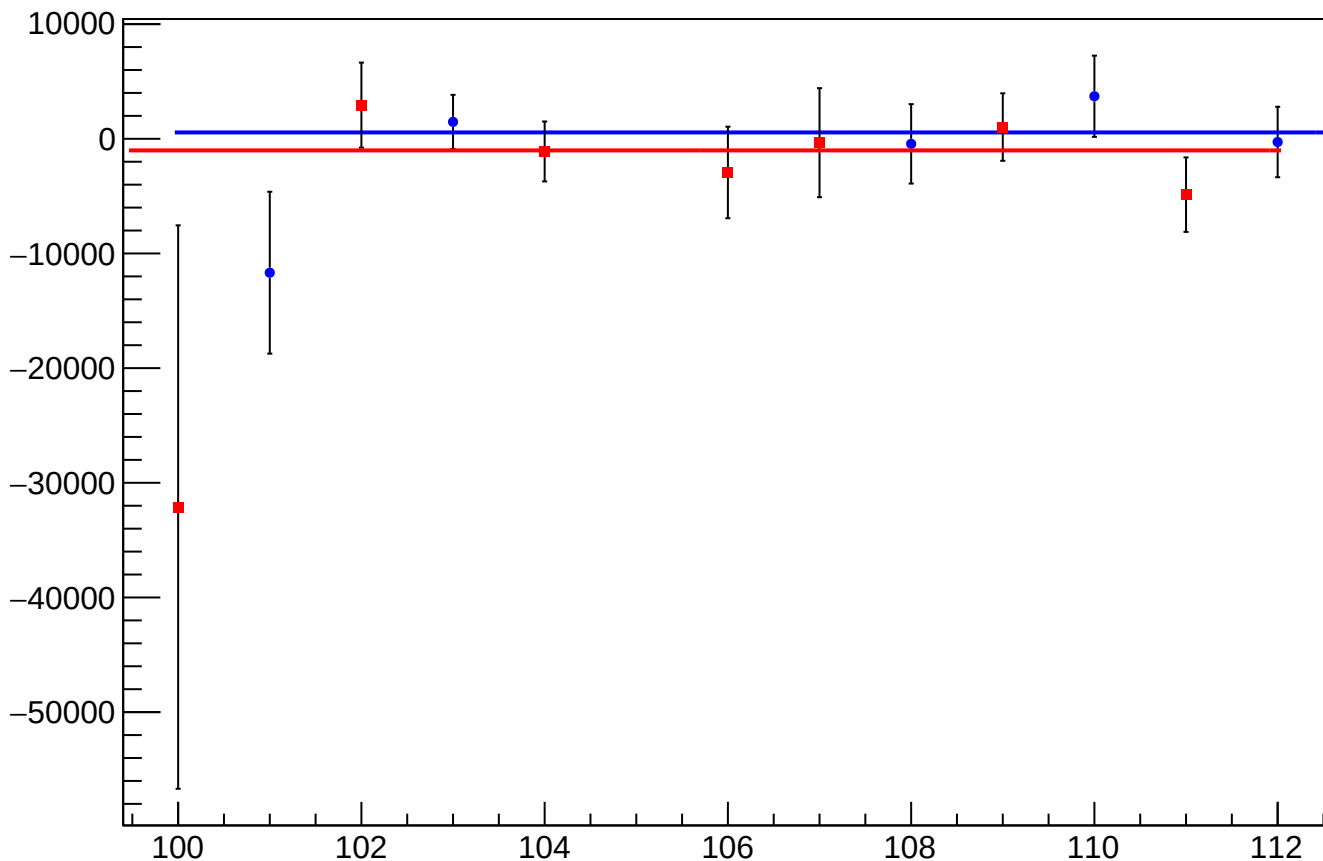
Right: 1296.875+/-0.436 χ^2/NDF : 838211.5/11

In: 1284.878+/-0.607 χ^2/NDF : 430353.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1296.875+/-0.436 χ^2/NDF : 838211.5/11

eigen_cor_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 555.837+/-1460.300 χ^2/NDF : 4.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1011.095+/-1363.473 χ^2/NDF : 4.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

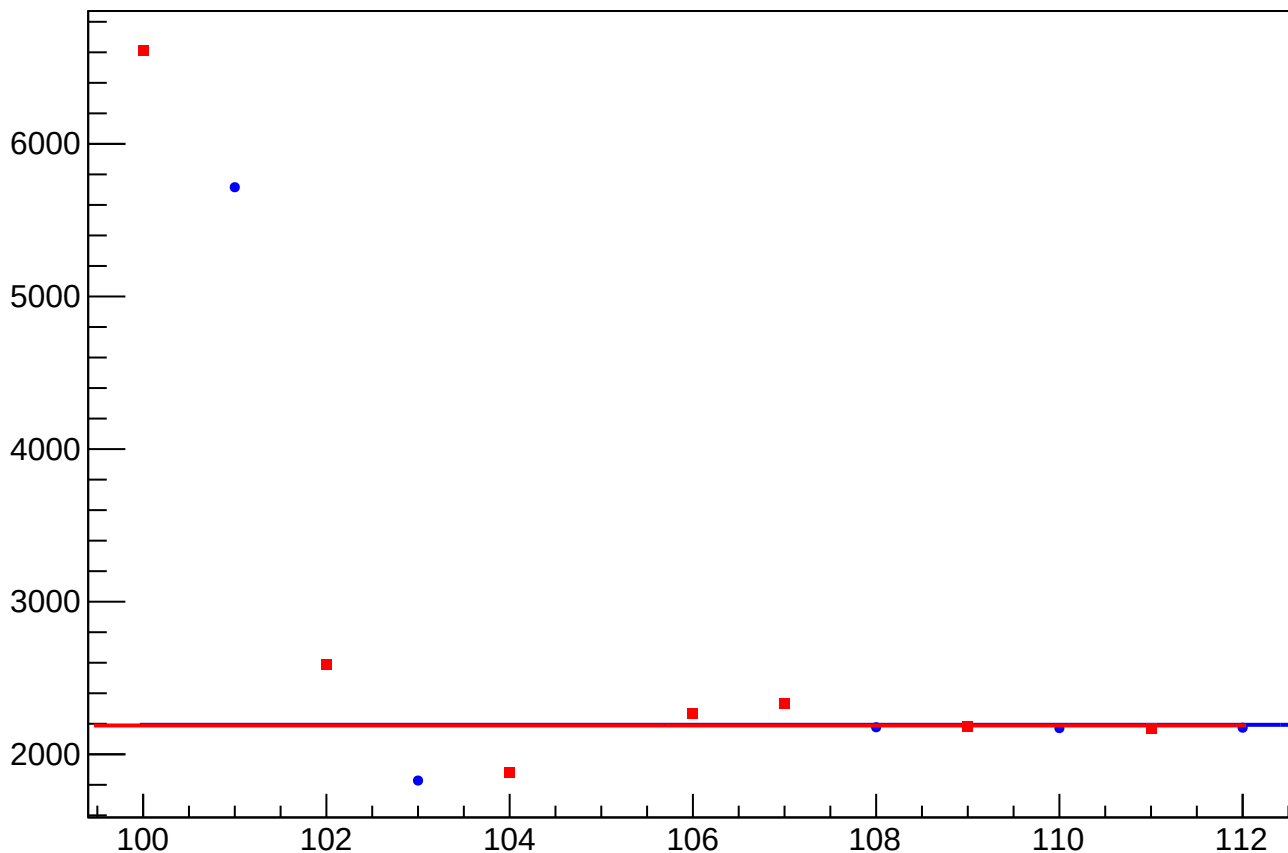
Right: -281.296+/-996.595 χ^2/NDF : 9.6/11

In: 555.837+/-1460.300 χ^2/NDF : 4.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -281.296+/-996.595 χ^2/NDF : 9.6/11

eigen_cor_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2193.226+/-1.033 χ^2/NDF : 546264.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2188.921+/-0.964 χ^2/NDF : 119224.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

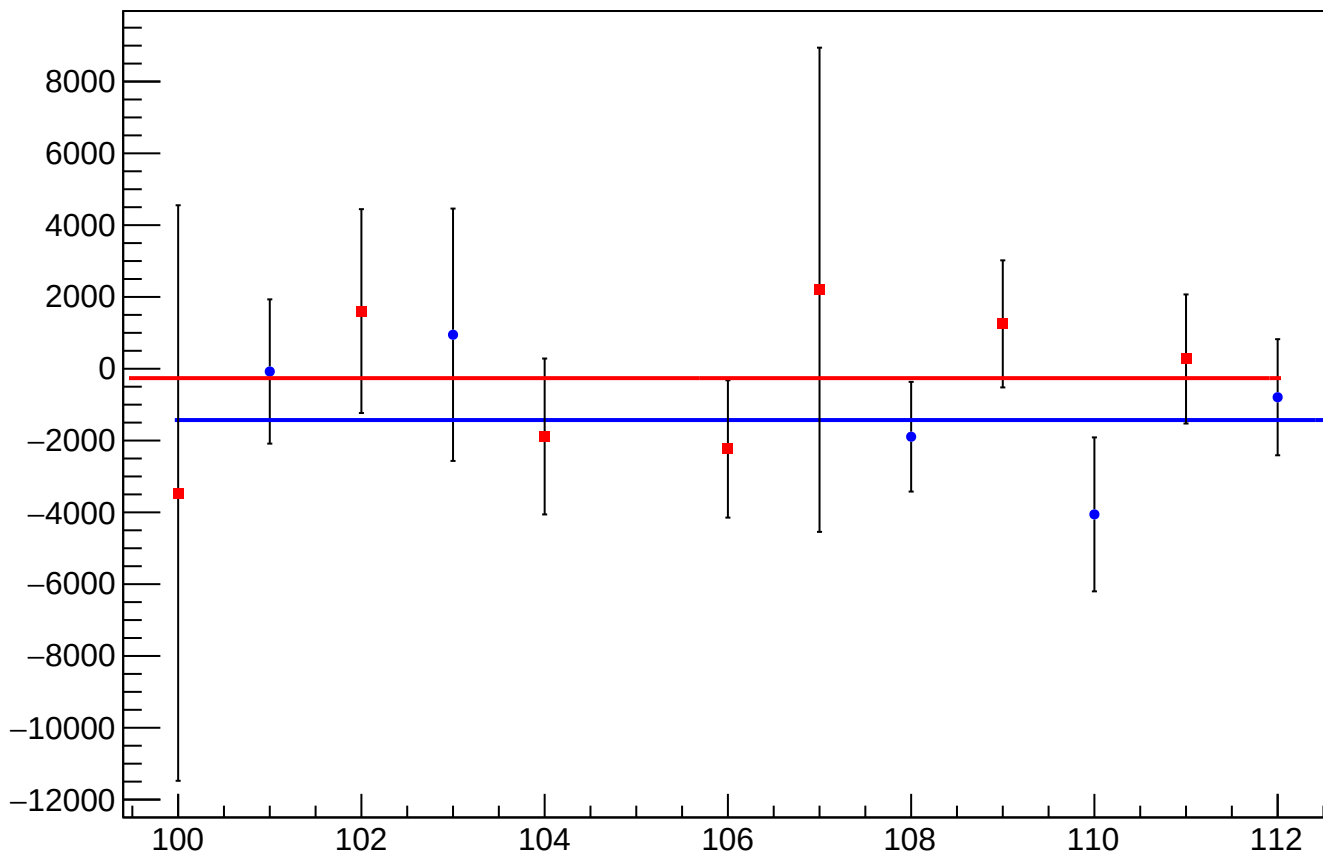
Right: 2190.926+/-0.705 χ^2/NDF : 665498.4/11

In: 2193.226+/-1.033 χ^2/NDF : 546264.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2190.926+/-0.705 χ^2/NDF : 665498.4/11

asym_at1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1428.899+/-858.439 χ^2/NDF : 2.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -261.456+/-885.368 χ^2/NDF : 3.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

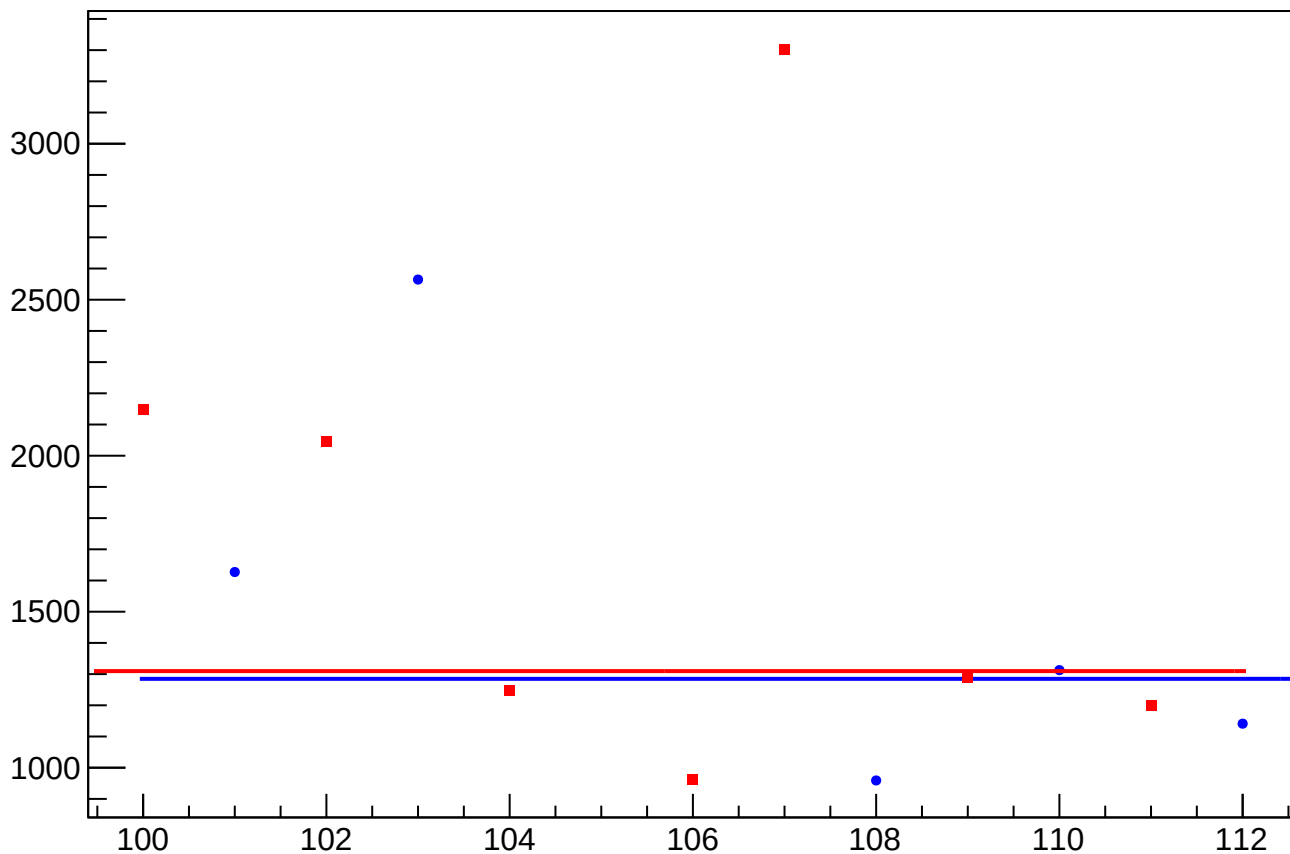
Right: -863.202+/-616.308 χ^2/NDF : 6.7/11

In: -1428.899+/-858.439 χ^2/NDF : 2.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -863.202+/-616.308 χ^2/NDF : 6.7/11

asym_at1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1284.878+/-0.607 χ^2/NDF : 430353.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1309.637+/-0.626 χ^2/NDF : 407051.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

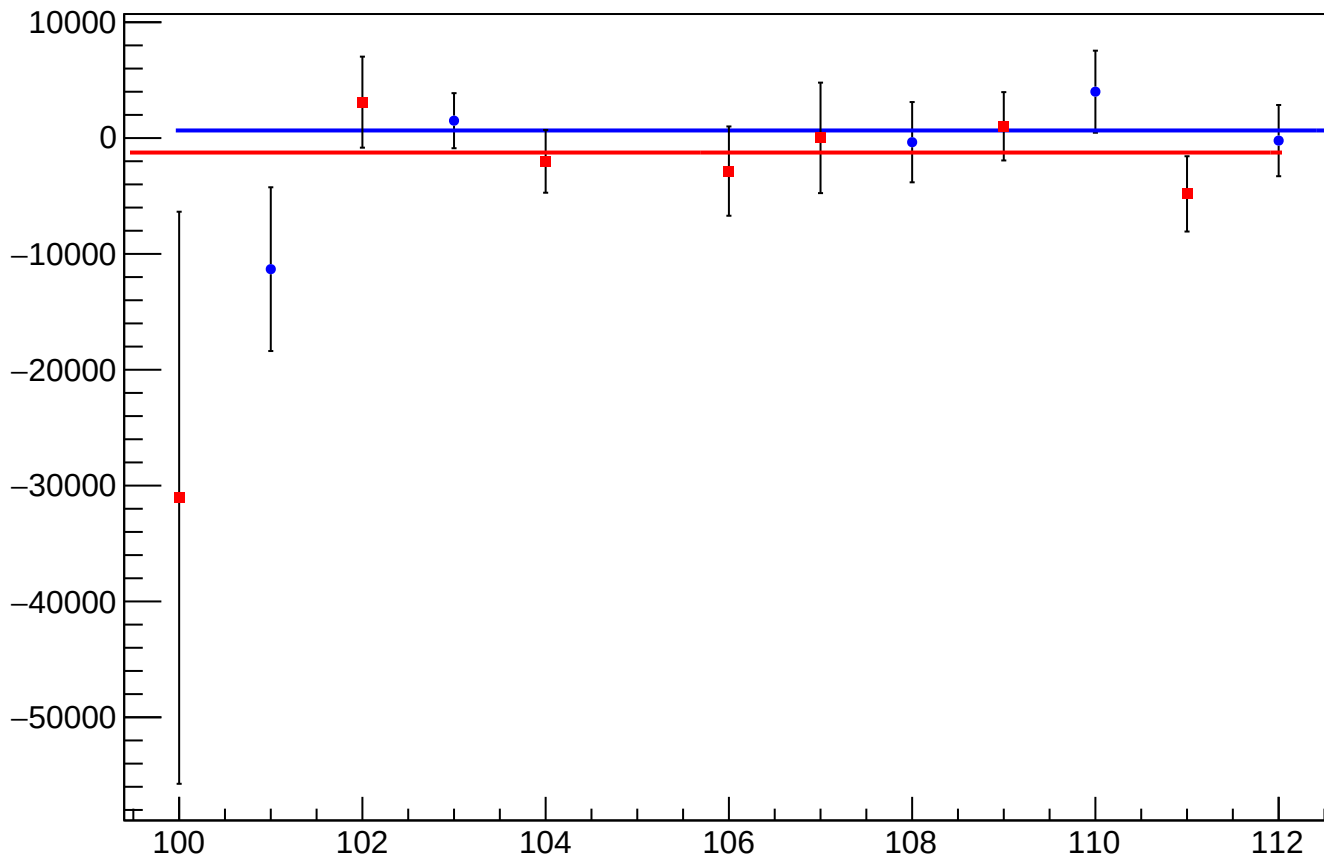
Right: 1296.875+/-0.436 χ^2/NDF : 838211.5/11

In: 1284.878+/-0.607 χ^2/NDF : 430353.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1296.875+/-0.436 χ^2/NDF : 838211.5/11

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 656.245+/-1465.039 χ^2/NDF : 4.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1249.569+/-1382.009 χ^2/NDF : 4.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

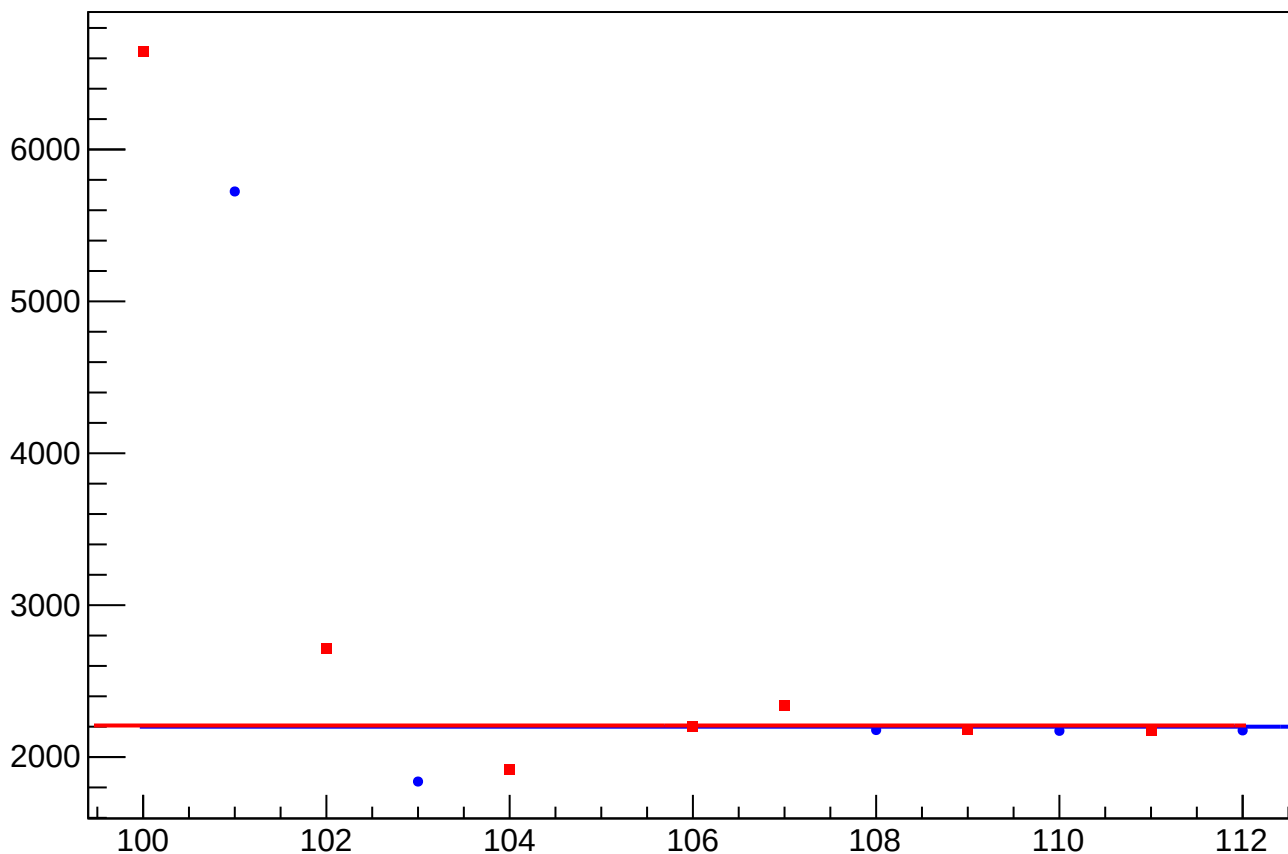
Right: -352.195+/-1005.300 χ^2/NDF : 9.8/11

In: 656.245+/-1465.039 χ^2/NDF : 4.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -352.195+/-1005.300 χ^2/NDF : 9.8/11

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2199.984+/-1.036 χ^2/NDF : 543537.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2207.841+/-0.977 χ^2/NDF : 122057.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

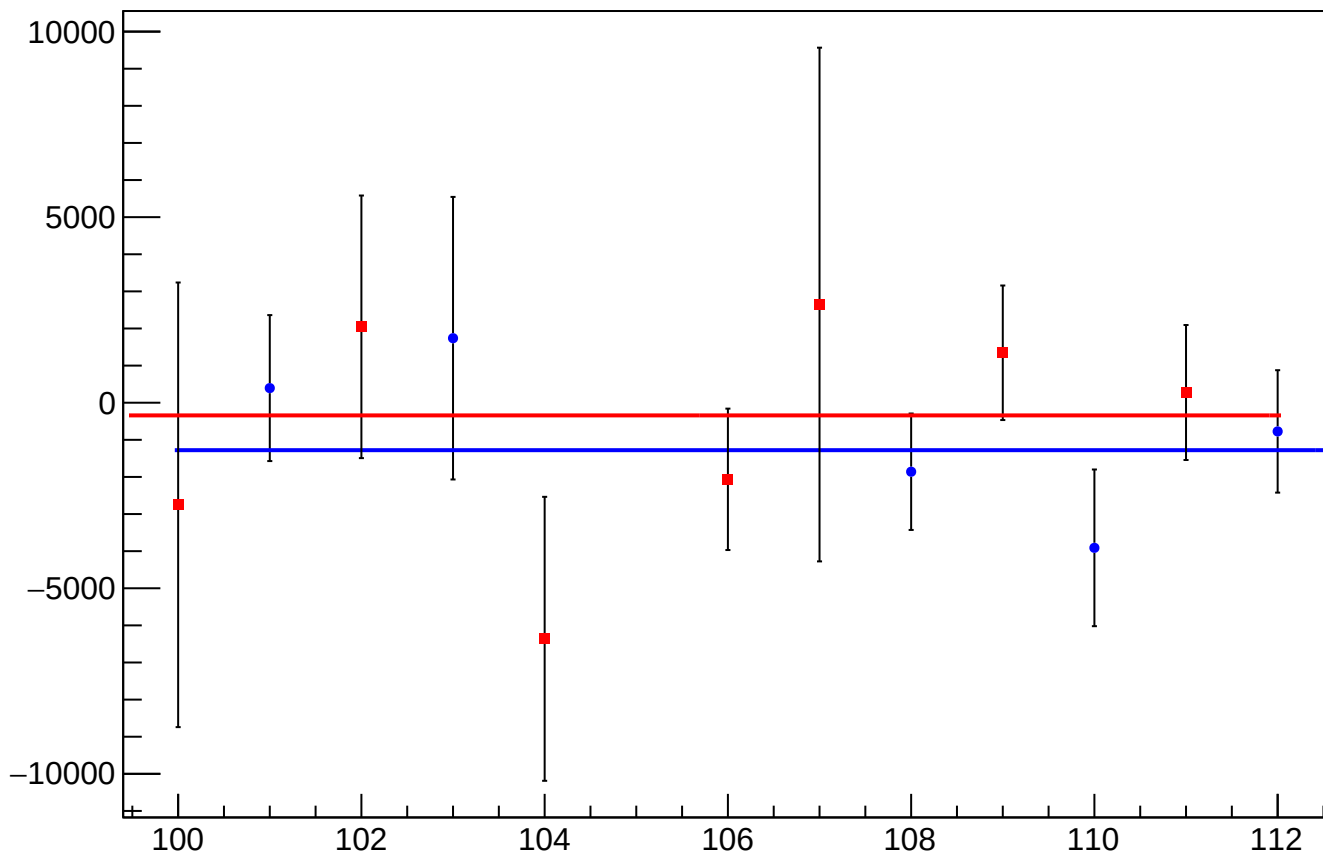
Right: 2204.142+/-0.711 χ^2/NDF : 665625.5/11

In: 2199.984+/-1.036 χ^2/NDF : 543537.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2204.142+/-0.711 χ^2/NDF : 665625.5/11

asym_at1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -1278.861+/-868.451 χ^2/NDF : 3.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -341.731+/-962.574 χ^2/NDF : 5.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

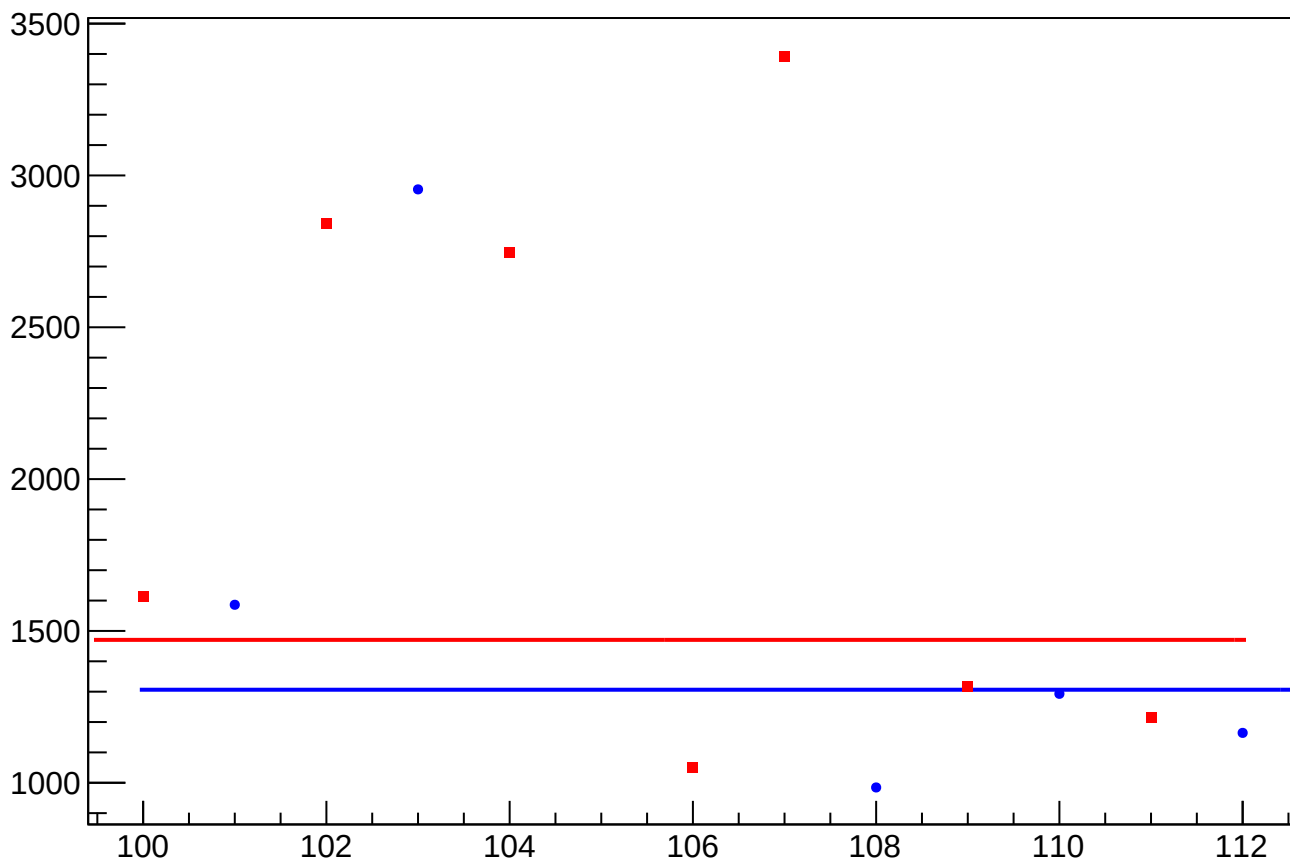
Right: -858.342+/-644.803 χ^2/NDF : 8.7/11

In: -1278.861+/-868.451 χ^2/NDF : 3.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -858.342+/-644.803 χ^2/NDF : 8.7/11

asym_at1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1306.388+/-0.614 χ^2/NDF : 514261.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1470.588+/-0.681 χ^2/NDF : 830633.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

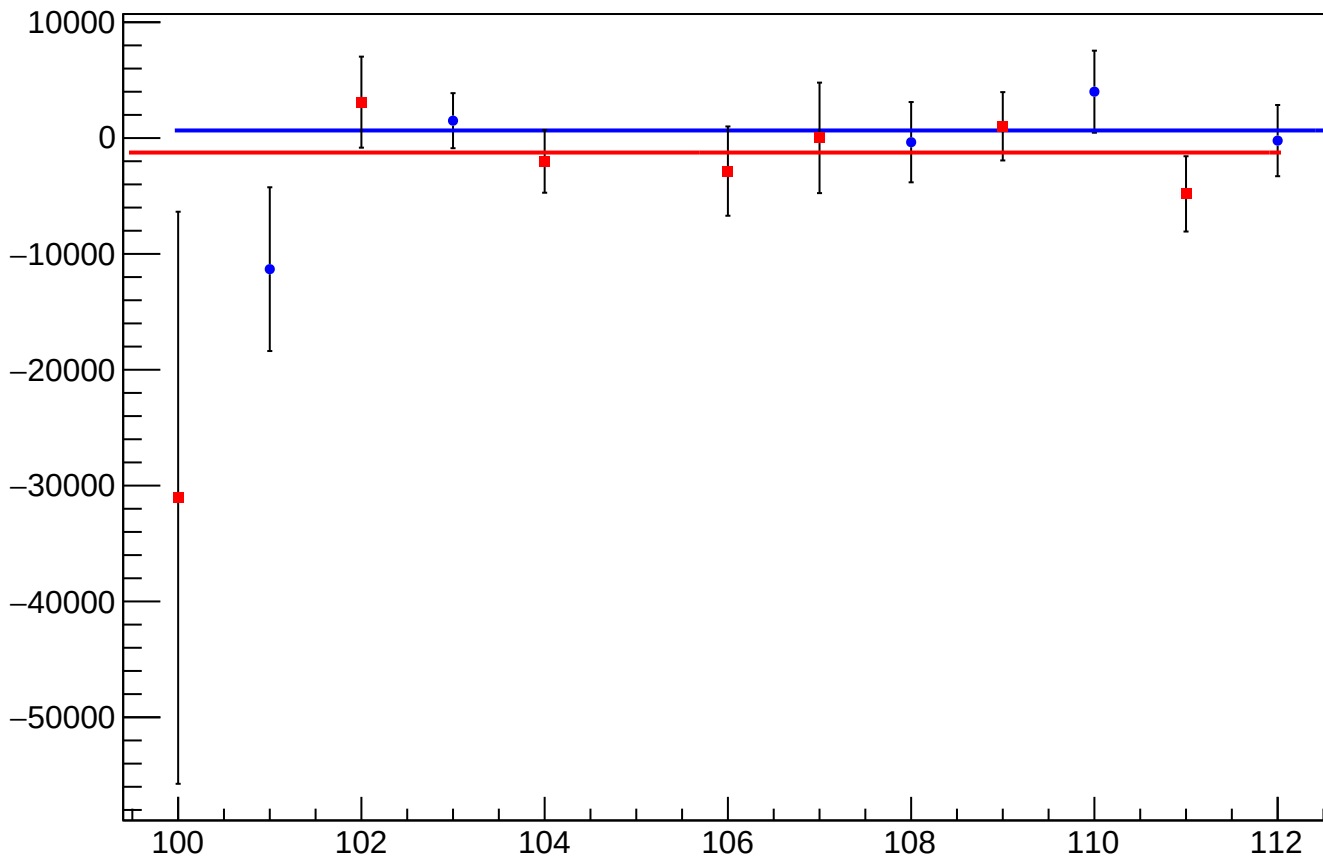
Right: 1380.069+/-0.456 χ^2/NDF : 1376977.5/11

In: 1306.388+/-0.614 χ^2/NDF : 514261.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1380.069+/-0.456 χ^2/NDF : 1376977.5/11

eigen_dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 656.243+/-1465.039 χ^2/NDF : 4.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1249.570+/-1382.009 χ^2/NDF : 4.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

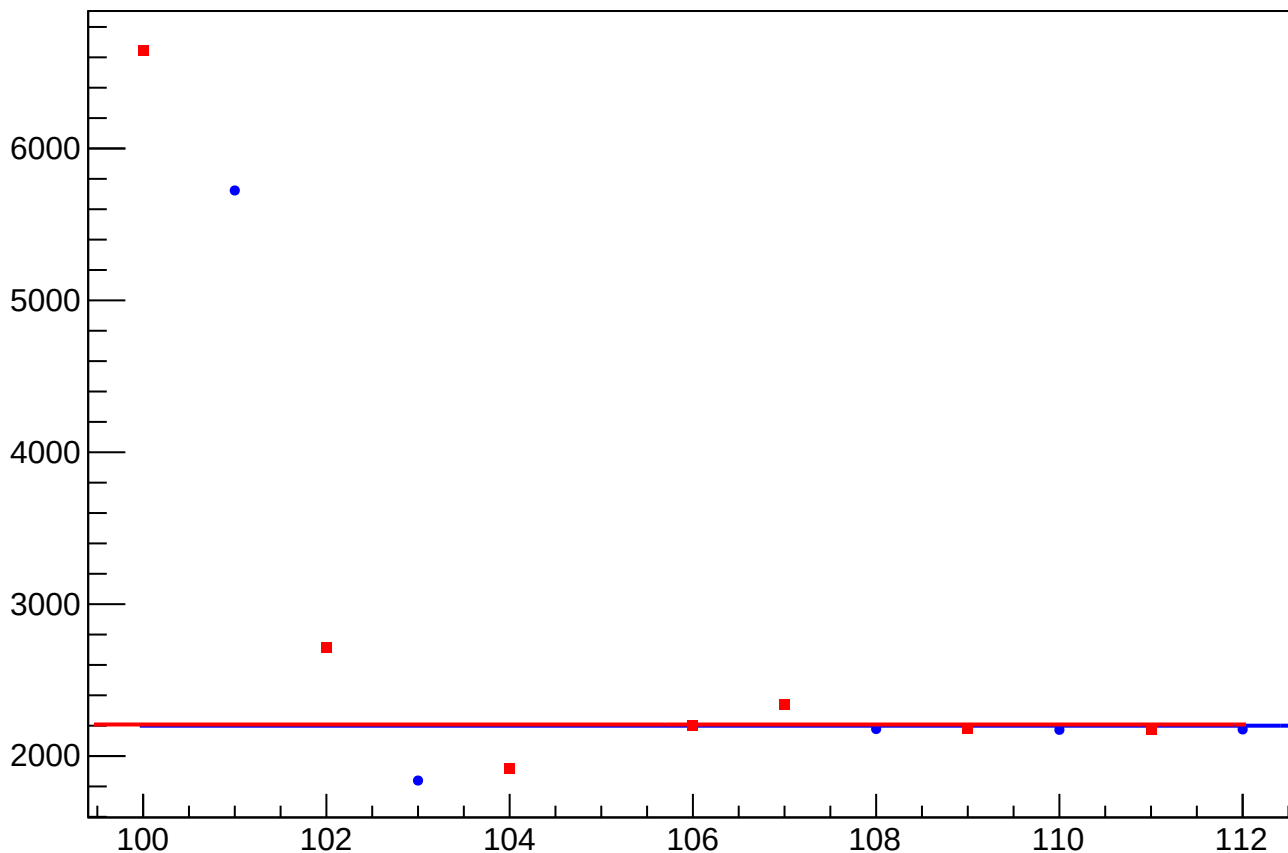
Right: -352.196+/-1005.300 χ^2/NDF : 9.8/11

In: 656.243+/-1465.039 χ^2/NDF : 4.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -352.196+/-1005.300 χ^2/NDF : 9.8/11

eigen_dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2199.984+/-1.036 χ^2/NDF : 543537.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2207.841+/-0.977 χ^2/NDF : 122057.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

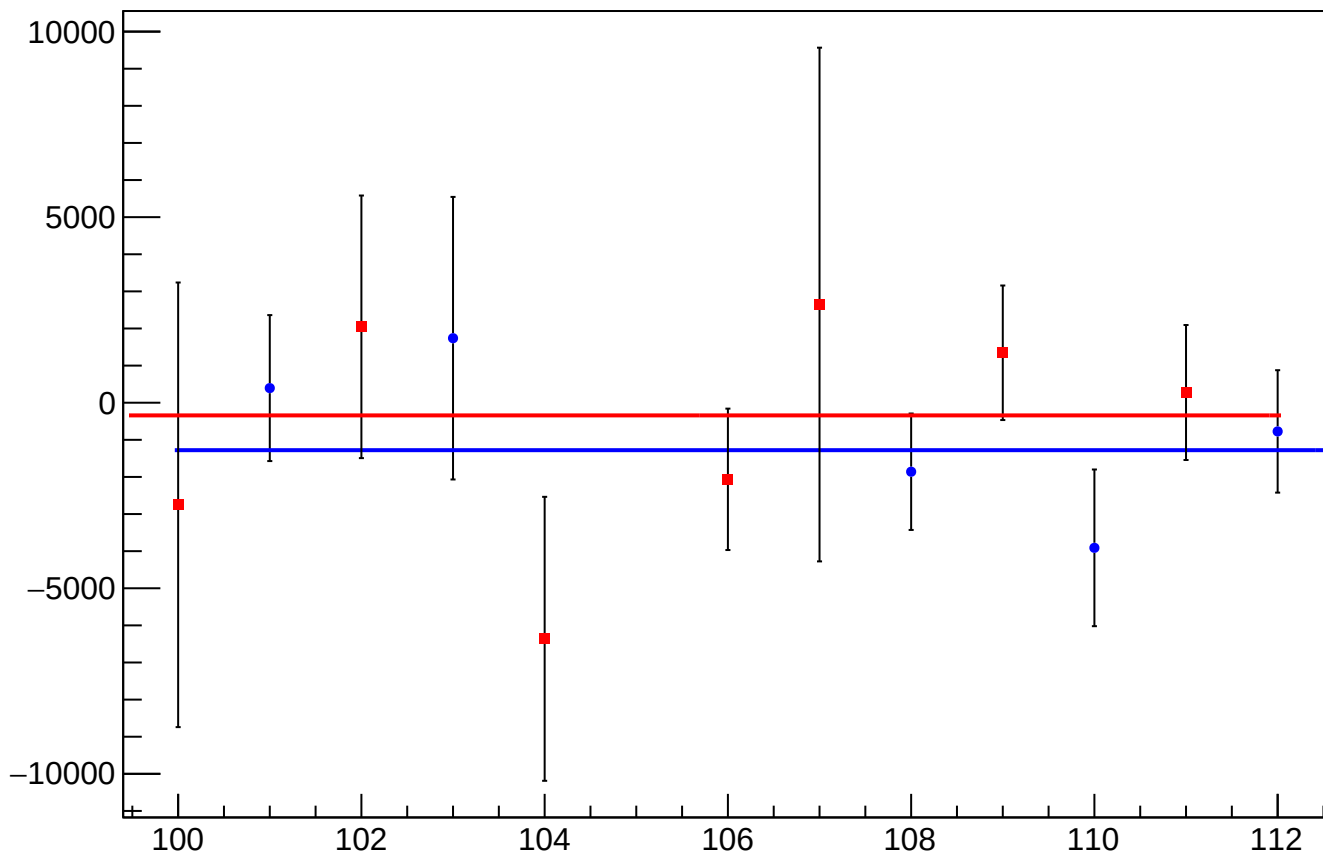
Right: 2204.141+/-0.711 χ^2/NDF : 665625.6/11

In: 2199.984+/-1.036 χ^2/NDF : 543537.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2204.141+/-0.711 χ^2/NDF : 665625.6/11

asym_at1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1278.862 $\pm$ 868.450 χ^2 /NDF: 3.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -341.729 $\pm$ 962.573 χ^2 /NDF: 5.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

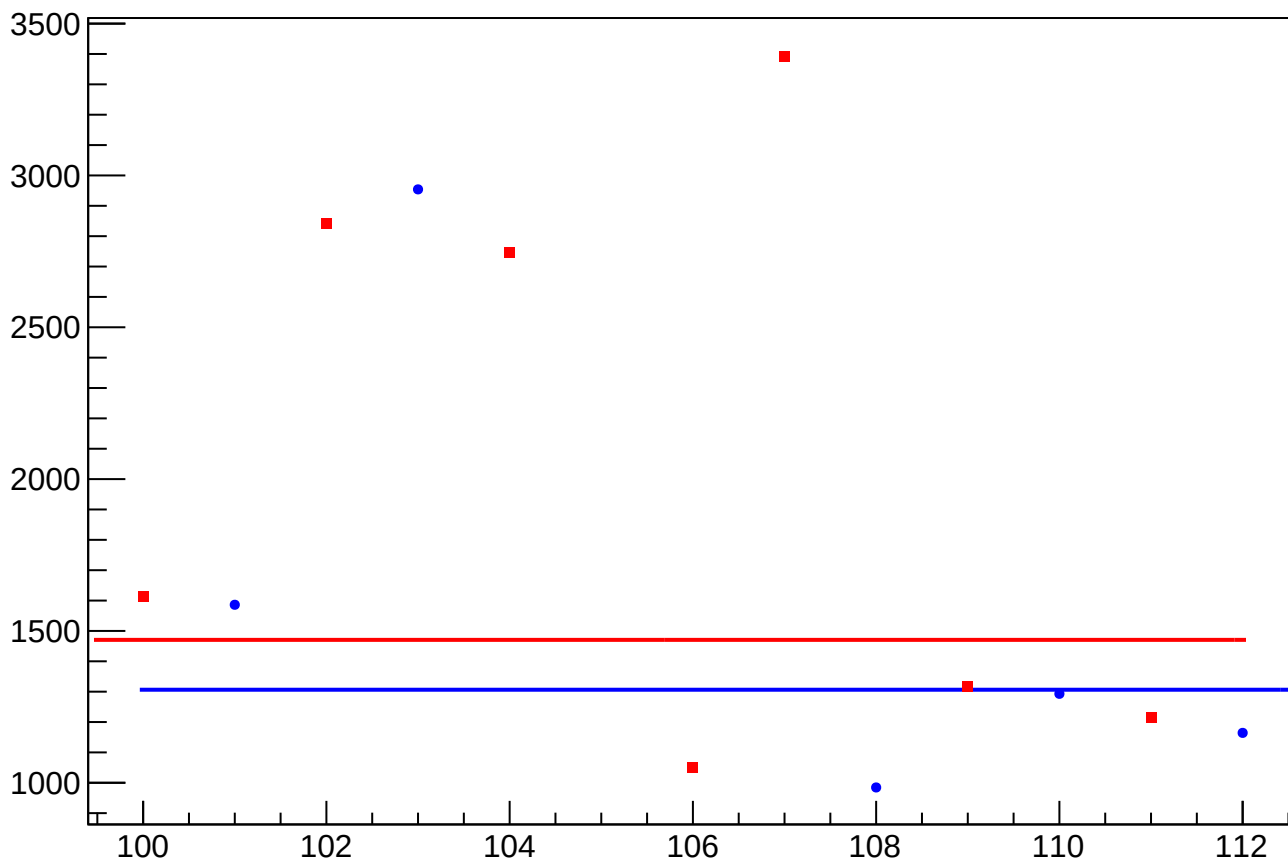
Right: -858.342 $\pm$ 644.803 χ^2 /NDF: 8.7/11

In: -1278.862 $\pm$ 868.450 χ^2 /NDF:3.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -858.342 $\pm$ 644.803 χ^2 /NDF: 8.7/11

asym_at1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1306.387+/-0.614 χ^2/NDF : 514263.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1470.586+/-0.681 χ^2/NDF : 830637.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

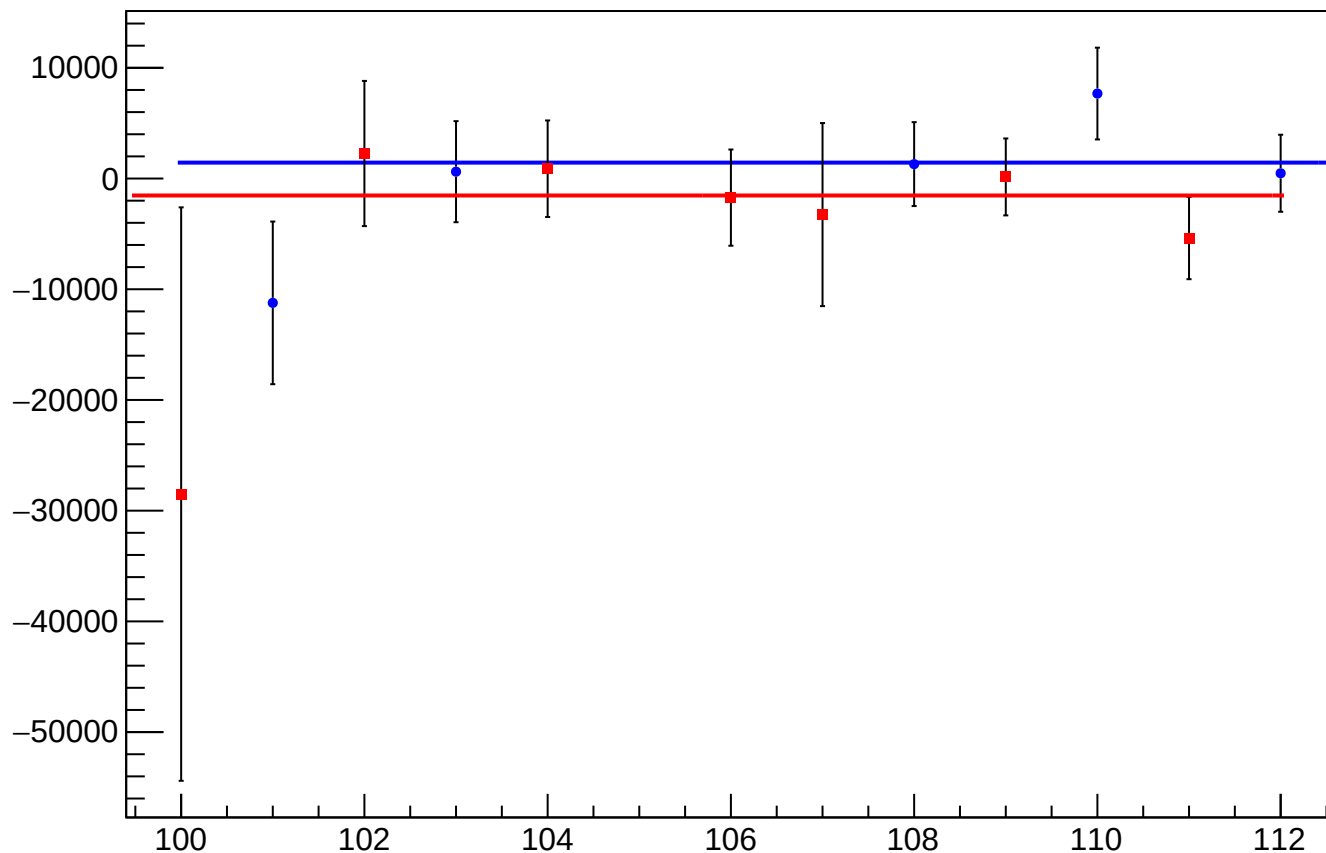
Right: 1380.068+/-0.456 χ^2/NDF : 1376983.5/11

In: 1306.387+/-0.614 χ^2/NDF : 514263.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1380.068+/-0.456 χ^2/NDF : 1376983.5/11

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 1438.318+/-1899.837 χ^2/NDF : 5.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1530.725+/-1825.205 χ^2/NDF : 3.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

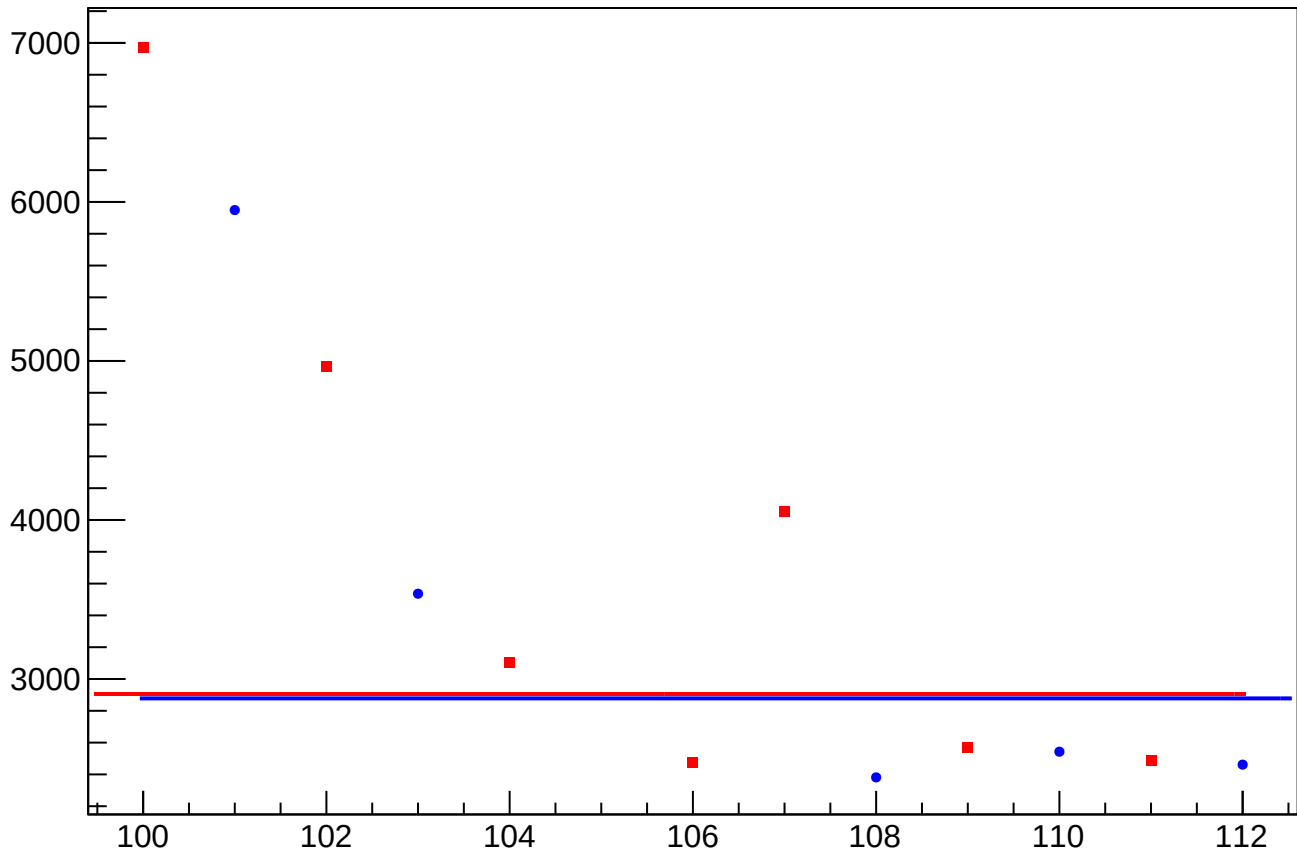
Right: -105.665+/-1316.209 χ^2/NDF : 9.7/11

In: 1438.318+/-1899.837 χ^2/NDF : 5.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -105.665+/-1316.209 χ^2/NDF : 9.7/11

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2877.971+/-1.343 χ^2/NDF : 467333.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2905.734+/-1.291 χ^2/NDF : 354009.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

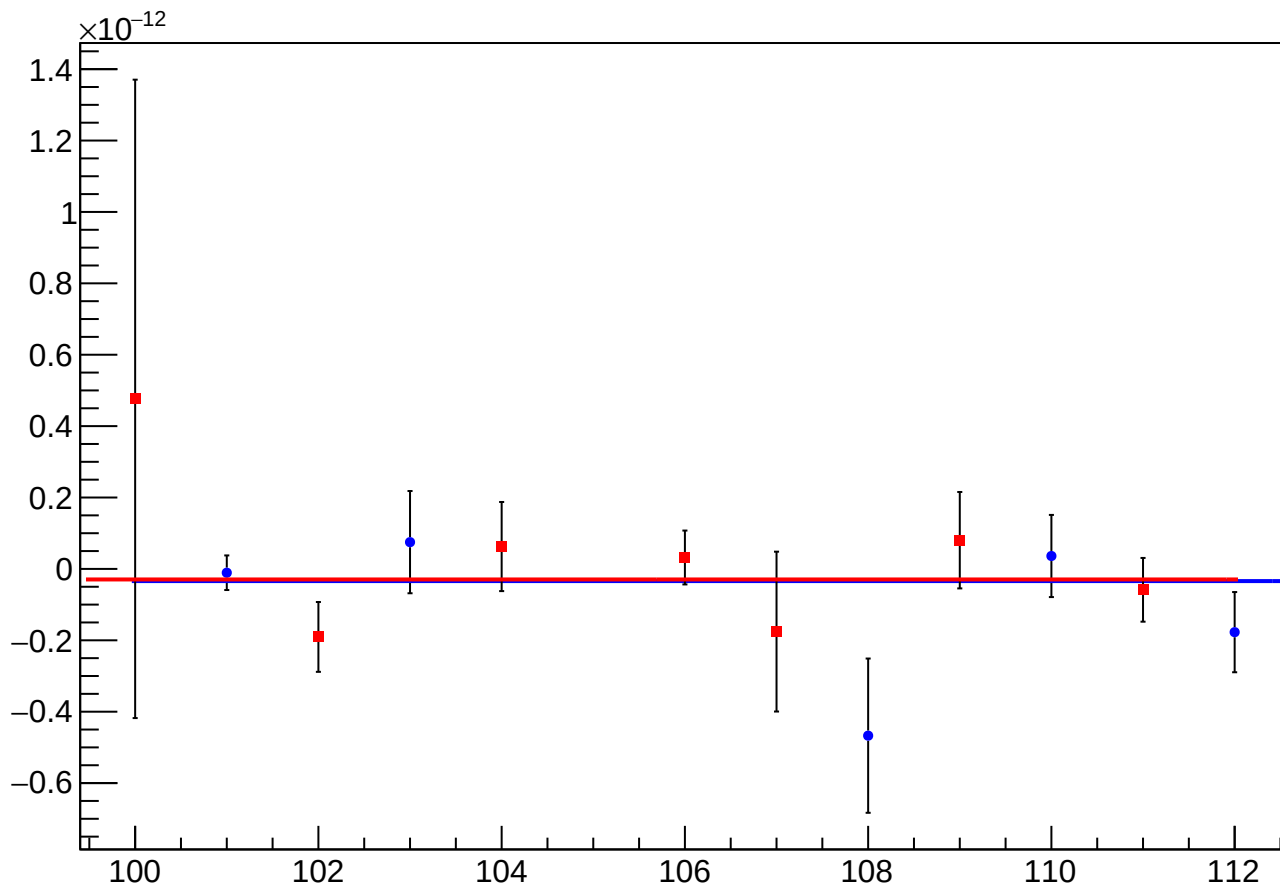
Right: 2892.409+/-0.931 χ^2/NDF : 821565.1/11

In: 2877.971+/-1.343 χ^2/NDF : 467333.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2892.409+/-0.931 χ^2/NDF : 821565.1/11

asym_at1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

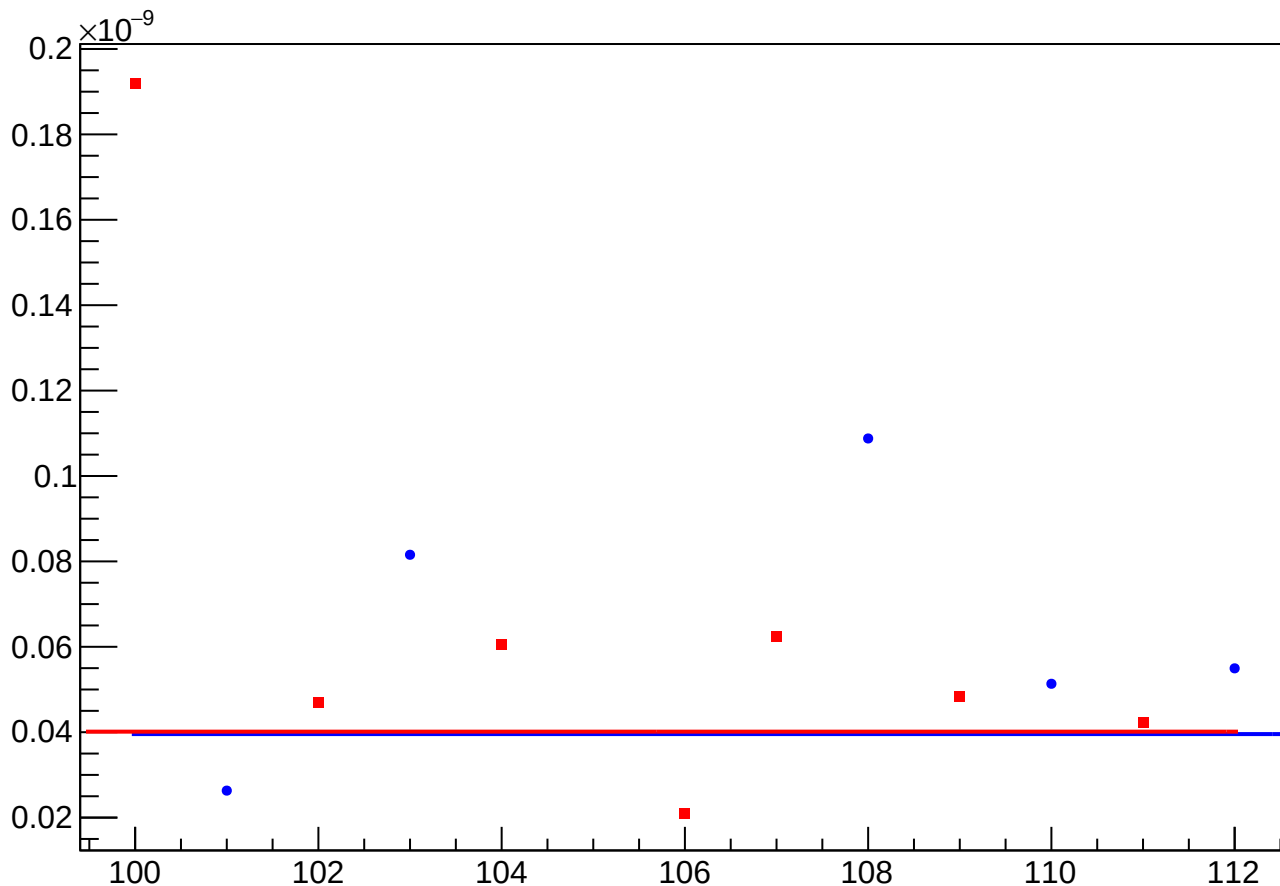
Right: -0.000+/-0.000 χ^2/NDF : 12.3/11

In: -0.000+/-0.000 χ^2/NDF : 6.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.3/11

asym_at1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 585158.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 278315.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

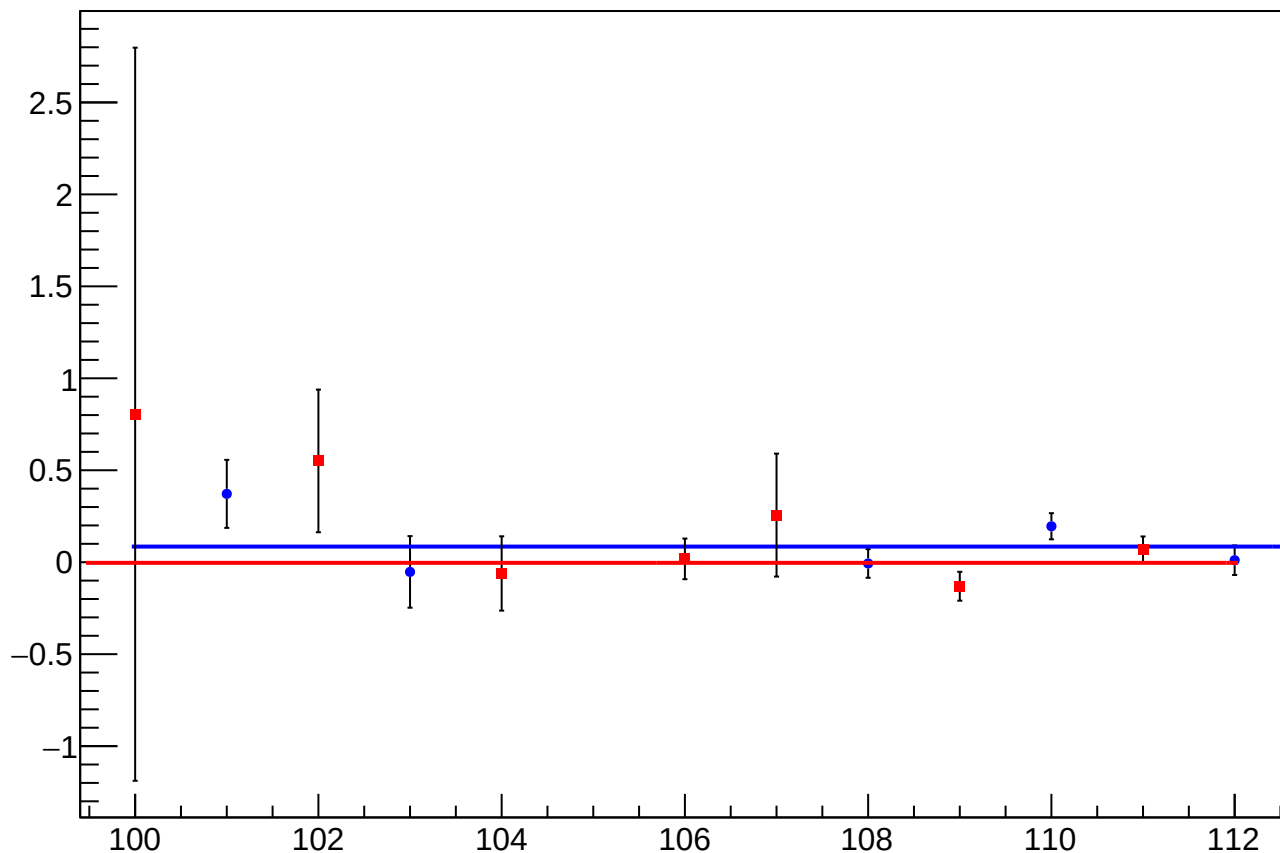
Right: 0.000+/-0.000 χ^2/NDF : 863666.6/11

In: 0.000+/-0.000 χ^2/NDF : 585158.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 863666.6/11

asym_at1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.085+/-0.042 χ^2/NDF : 7.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.003+/-0.046 χ^2/NDF : 6.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

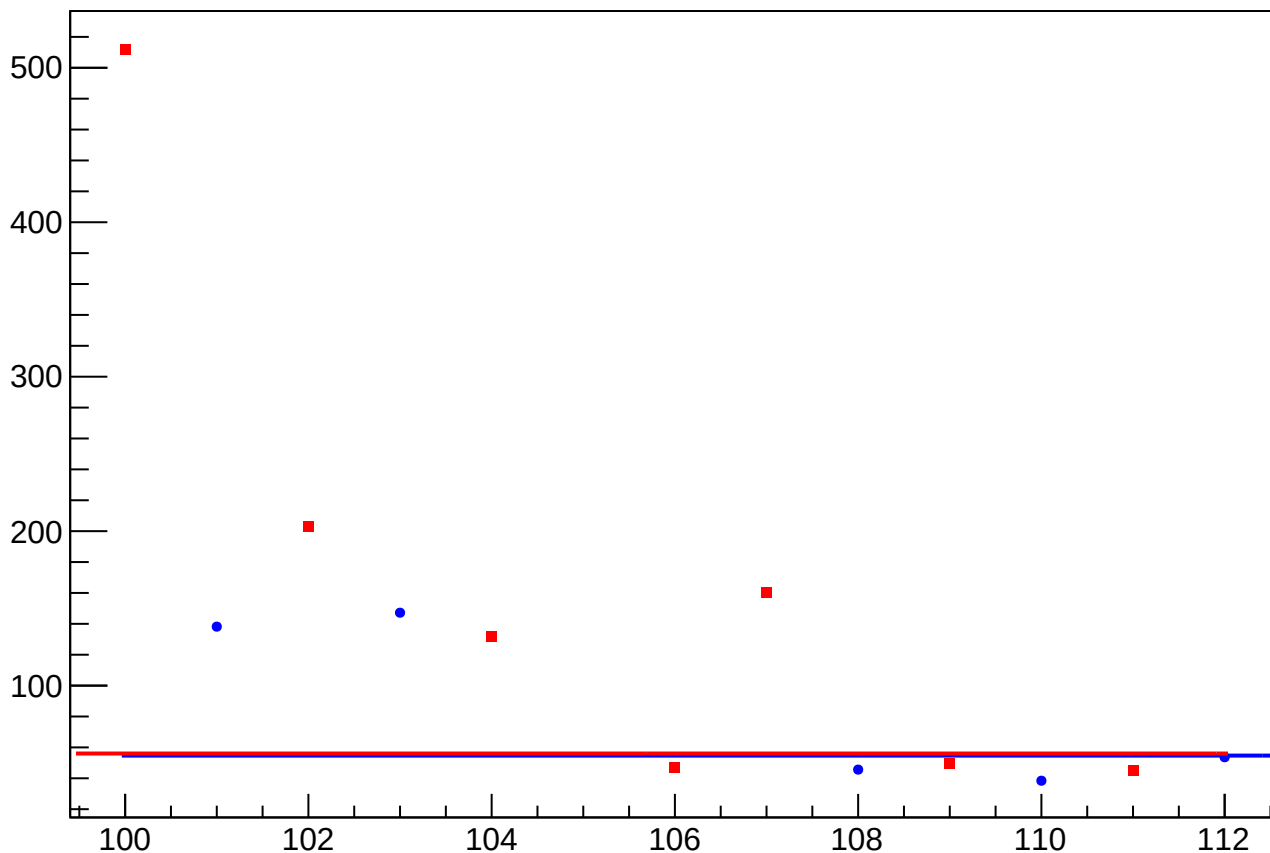
Right: 0.045+/-0.031 χ^2/NDF : 16.2/11

In: 0.085+/-0.042 χ^2/NDF : 7.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.045+/-0.031 χ^2/NDF : 16.2/11

asym_at1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.700+/-0.030 χ^2/NDF : 991836.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.038+/-0.032 χ^2/NDF : 943646.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

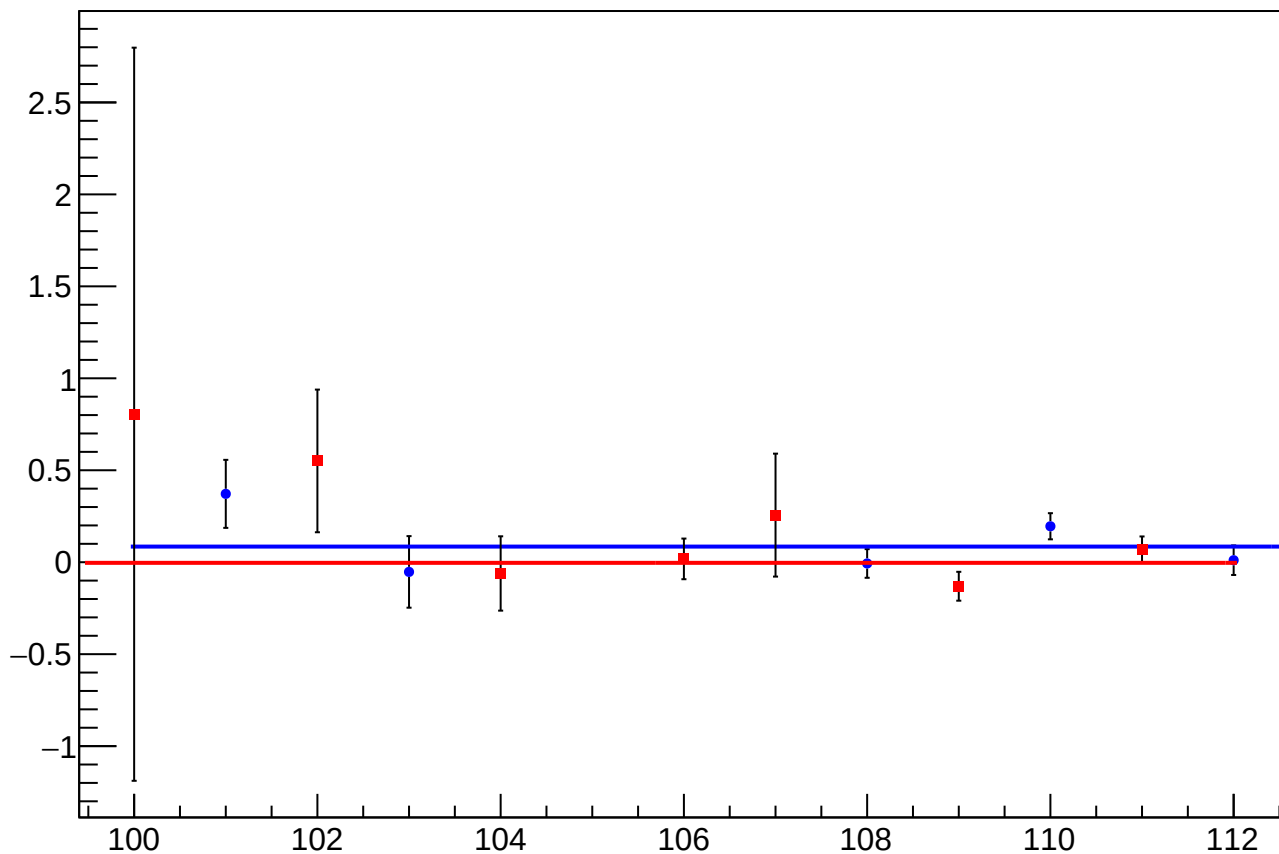
Right: 55.310+/-0.022 χ^2/NDF : 1936418.9/11

In: 54.700+/-0.030 χ^2/NDF : 991836.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.310+/-0.022 χ^2/NDF : 1936418.9/11

asym_at1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.085 $\pm$ 0.042 χ^2 /NDF: 7.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.003 $\pm$ 0.046 χ^2 /NDF: 6.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

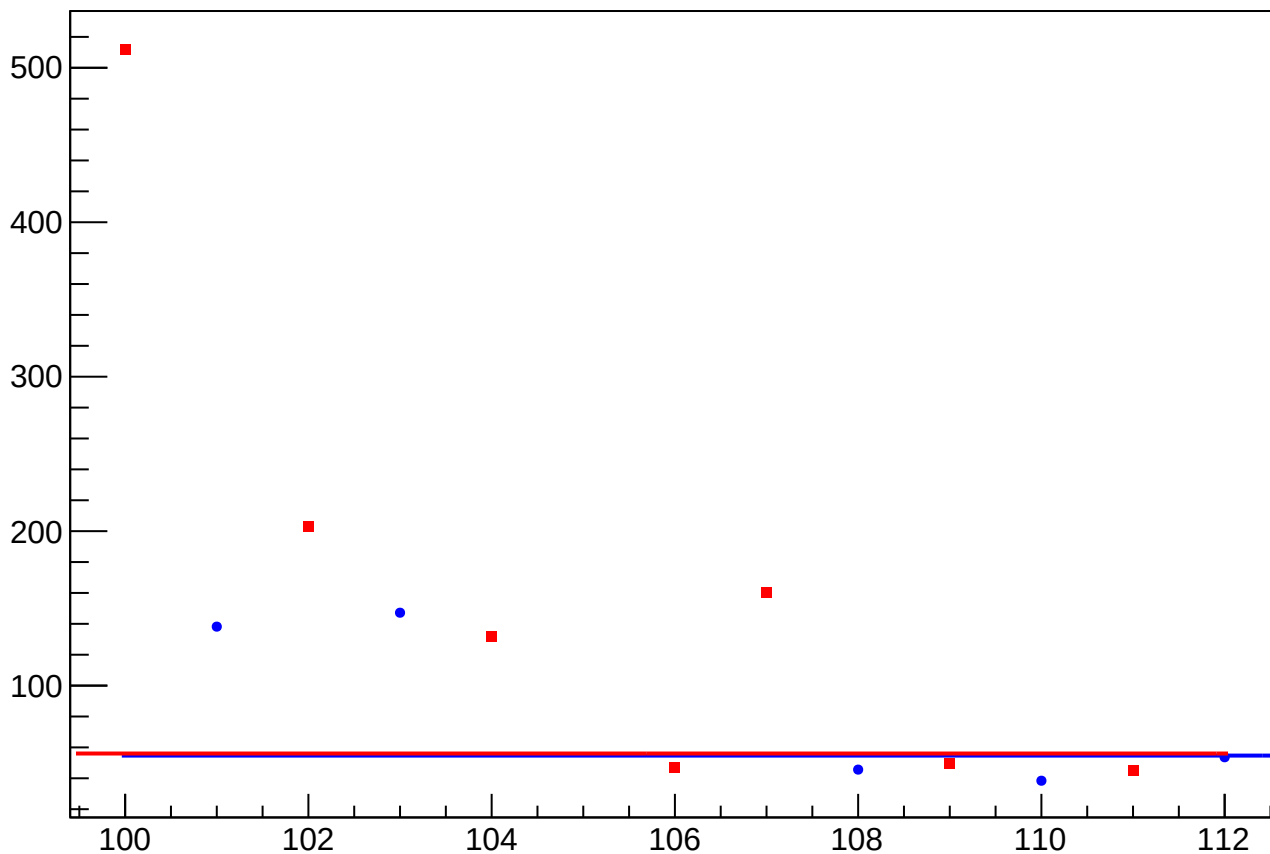
Right: 0.045 $\pm$ 0.031 χ^2 /NDF: 16.2/11

In: 0.085 $\pm$ 0.042 χ^2 /NDF: 7.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.045 $\pm$ 0.031 χ^2 /NDF: 16.2/11

asym_at1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.700+/-0.030 χ^2/NDF : 991836.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.038+/-0.032 χ^2/NDF : 943646.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

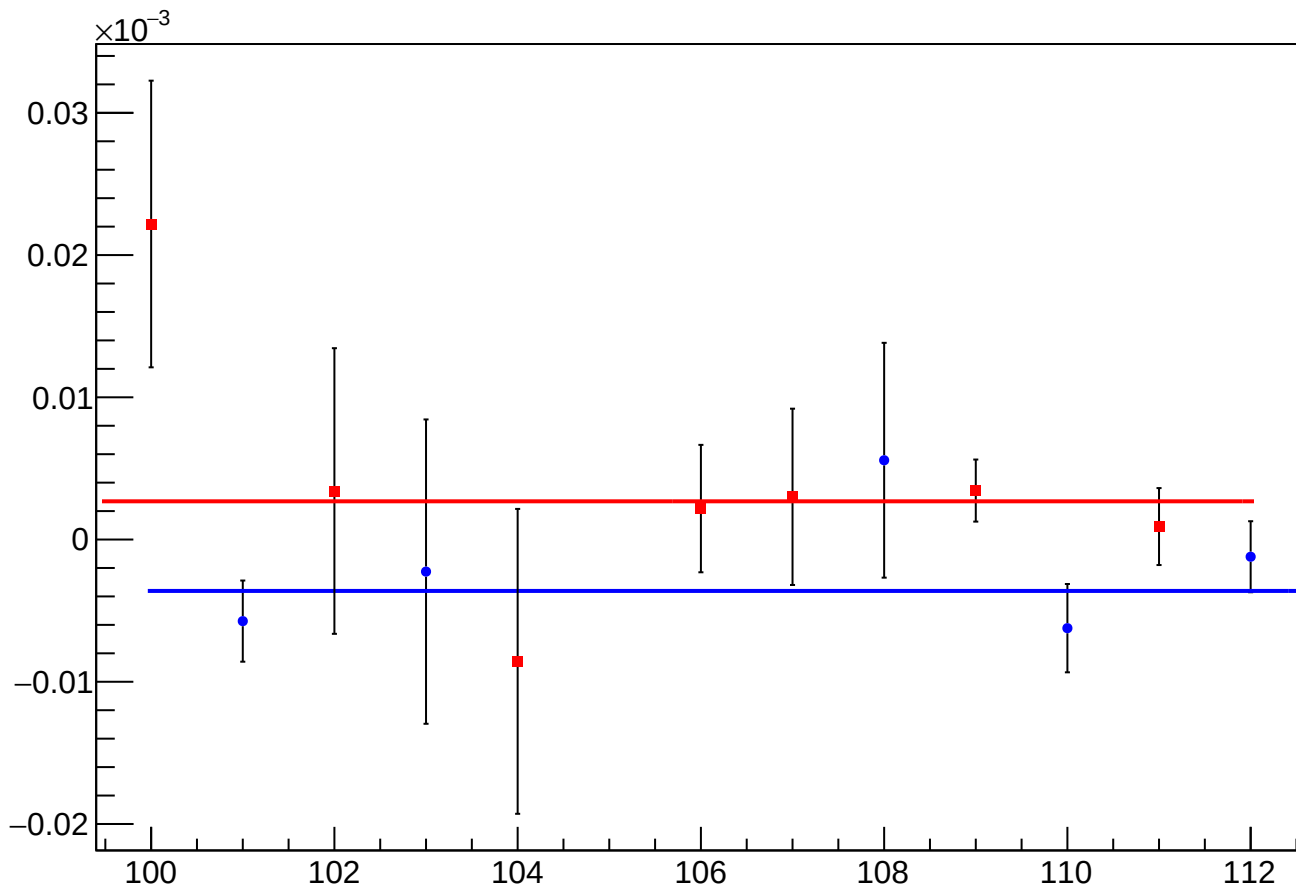
Right: 55.310+/-0.022 χ^2/NDF : 1936418.9/11

In: 54.700+/-0.030 χ^2/NDF : 991836.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.310+/-0.022 χ^2/NDF : 1936418.9/11

asym_at1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

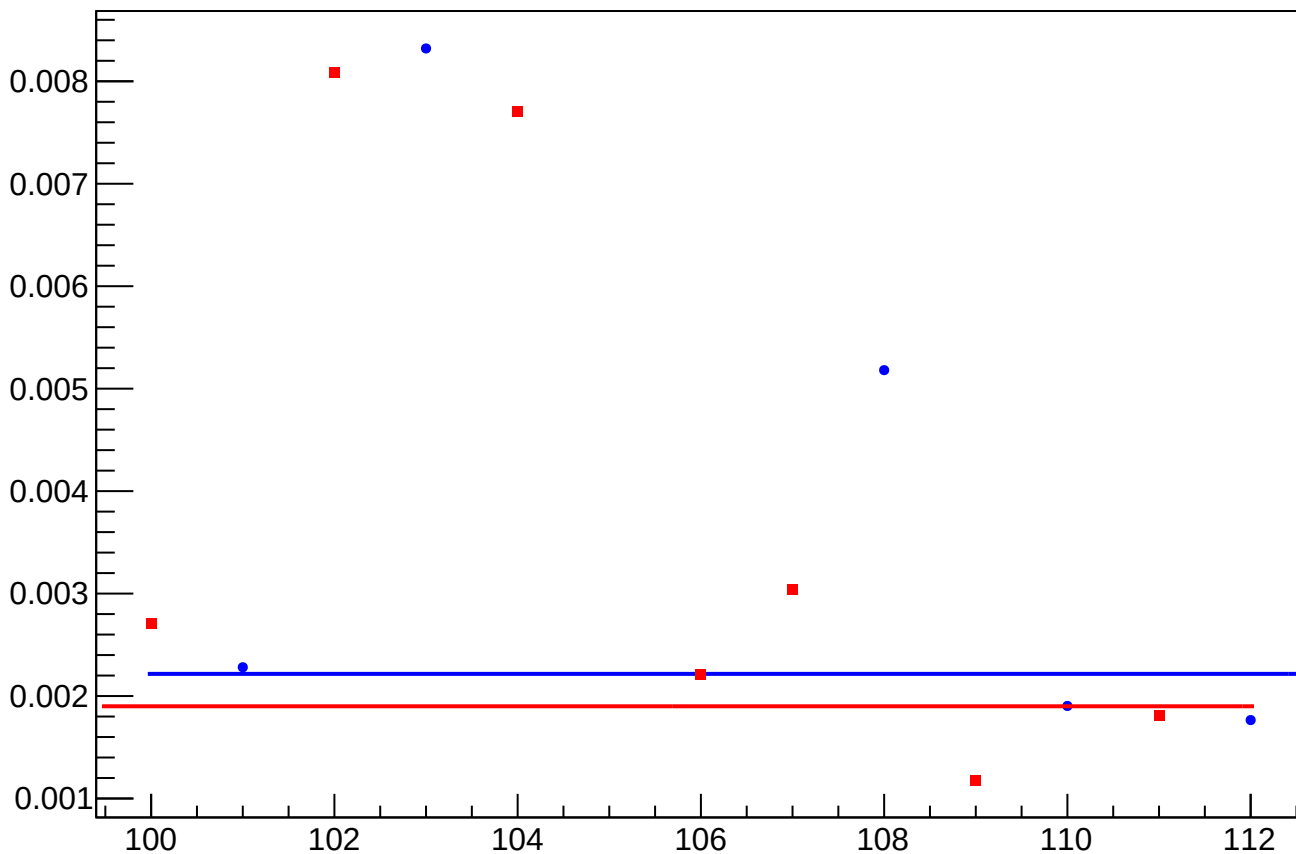
Right: -0.000+/-0.000 χ^2/NDF : 17.4/11

In: -0.000+/-0.000 χ^2/NDF : 3.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.4/11

asym_at1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 995471.1/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1659098.0/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

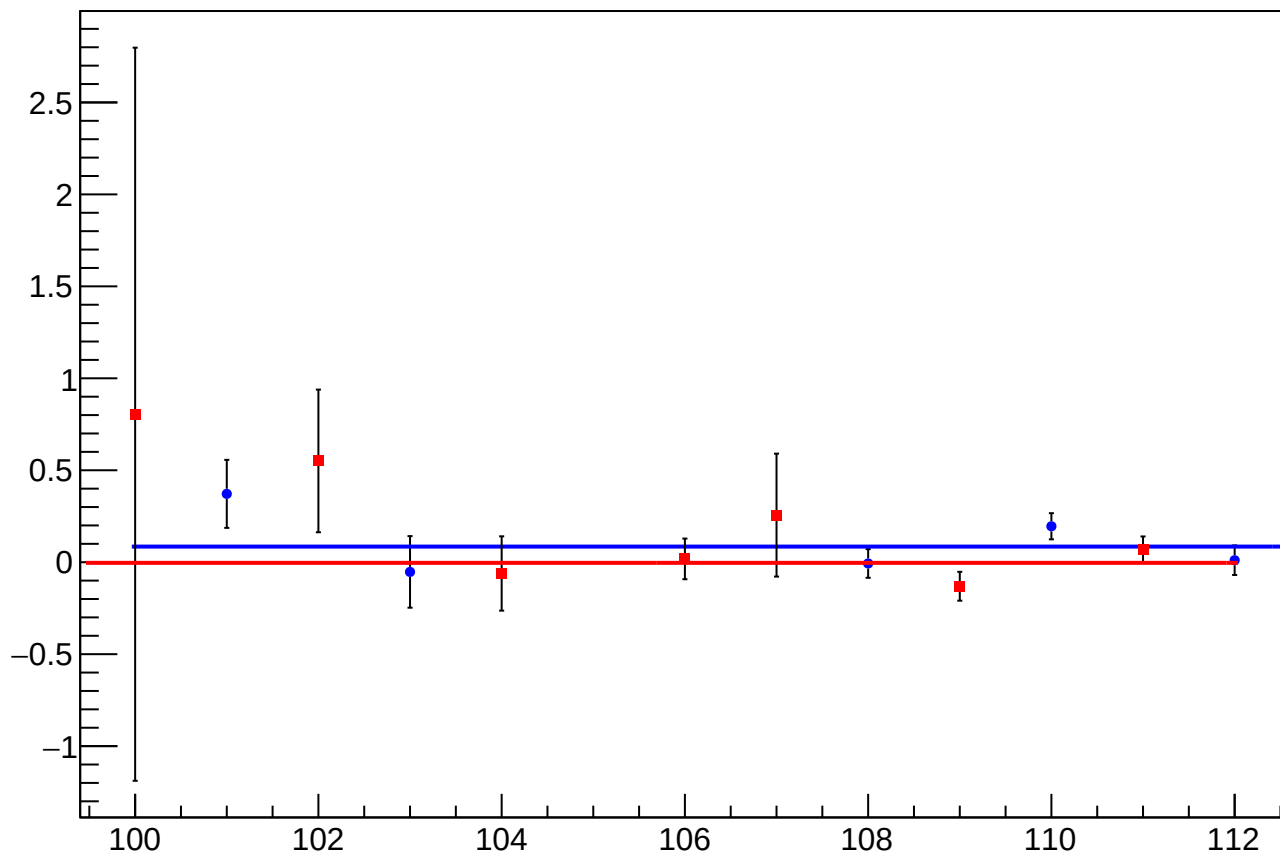
Right: 0.002+/-0.000 χ^2/NDF : 2697548.3/11

In: 0.002+/-0.000 χ^2/NDF :995471.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2697548.3/11

asym_at1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.085 $\pm$ 0.042 χ^2 /NDF: 7.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.003 $\pm$ 0.046 χ^2 /NDF: 6.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

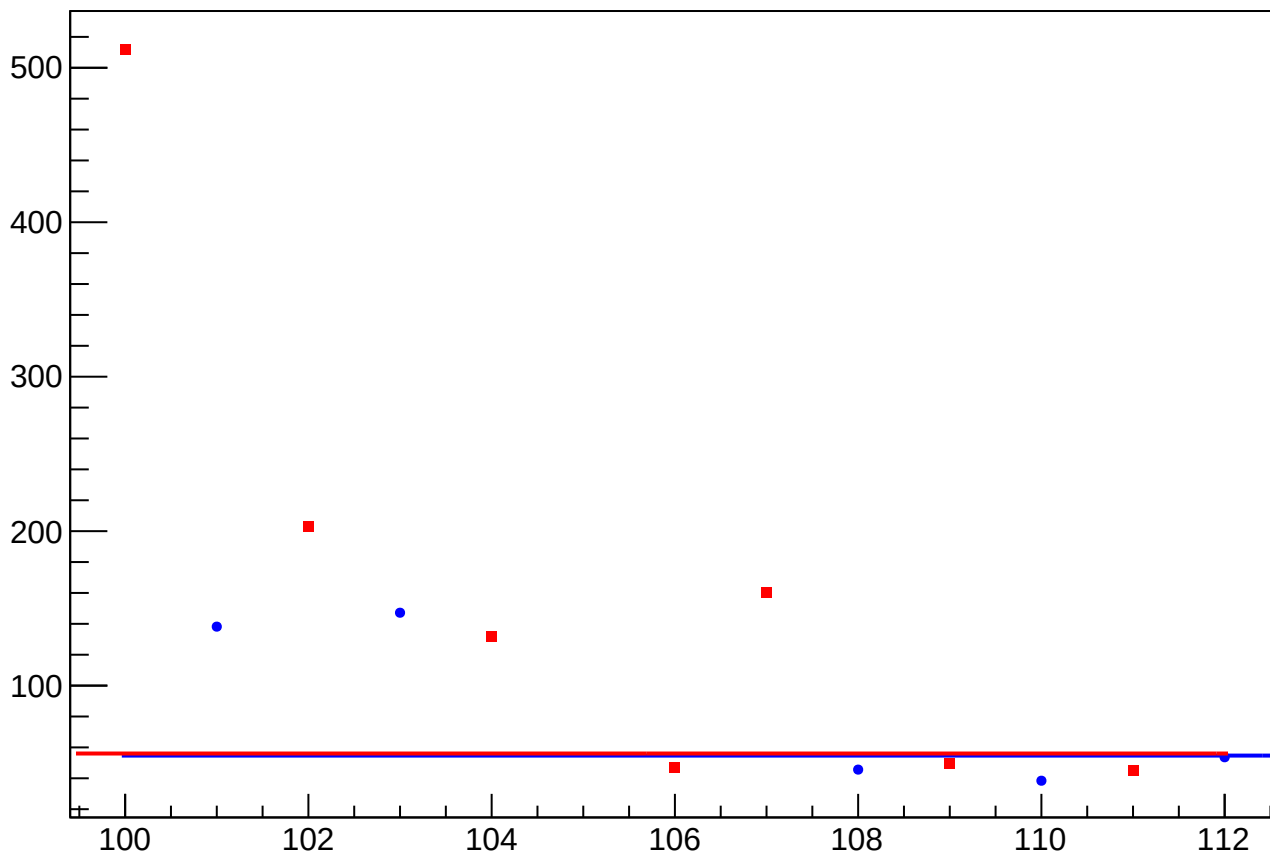
Right: 0.045 $\pm$ 0.031 χ^2 /NDF: 16.2/11

In: 0.085 $\pm$ 0.042 χ^2 /NDF:7.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.045 $\pm$ 0.031 χ^2 /NDF: 16.2/11

asym_at1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.700+/-0.030 χ^2/NDF : 991803.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.038+/-0.032 χ^2/NDF : 943611.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

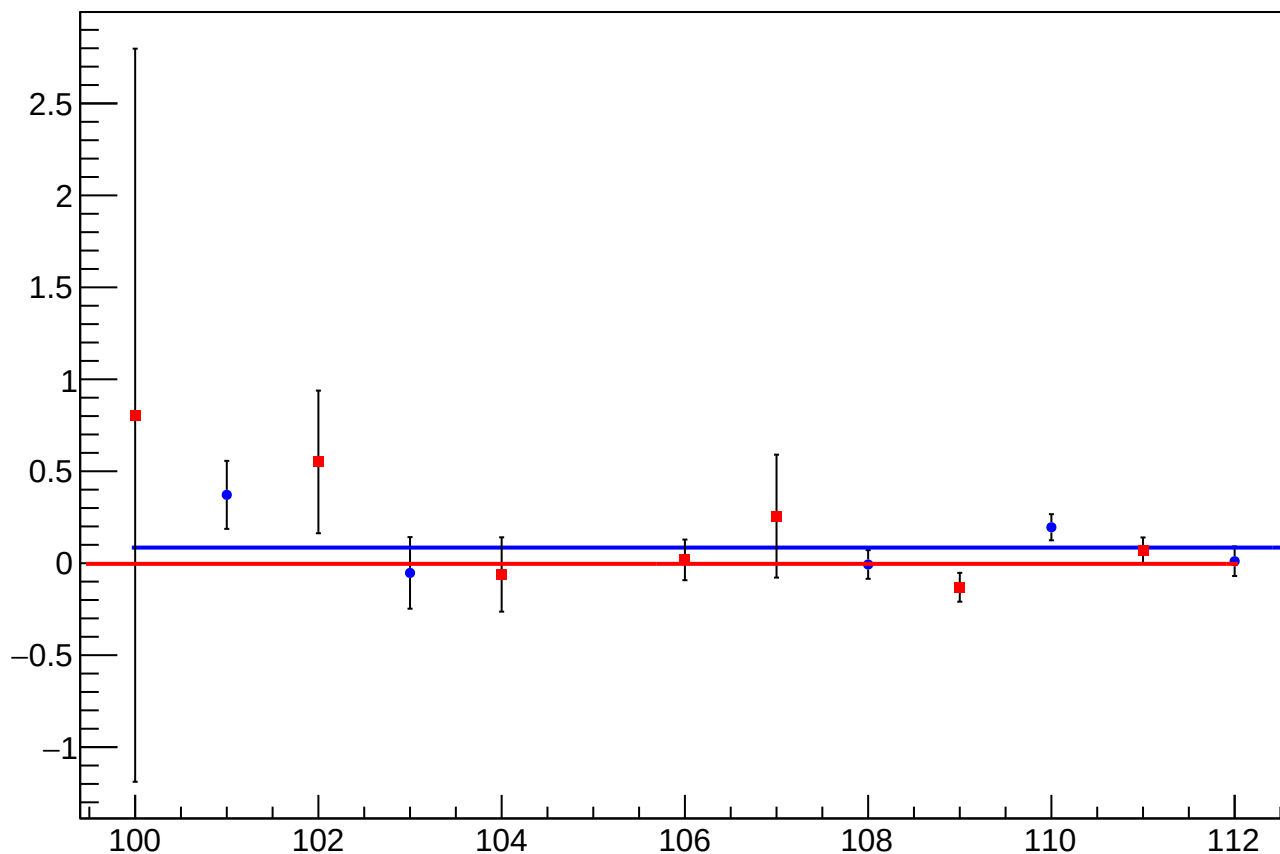
Right: 55.310+/-0.022 χ^2/NDF : 1936350.2/11

In: 54.700+/-0.030 χ^2/NDF : 991803.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.310+/-0.022 χ^2/NDF : 1936350.2/11

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.085+/-0.042 χ^2/NDF : 7.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.003+/-0.046 χ^2/NDF : 6.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

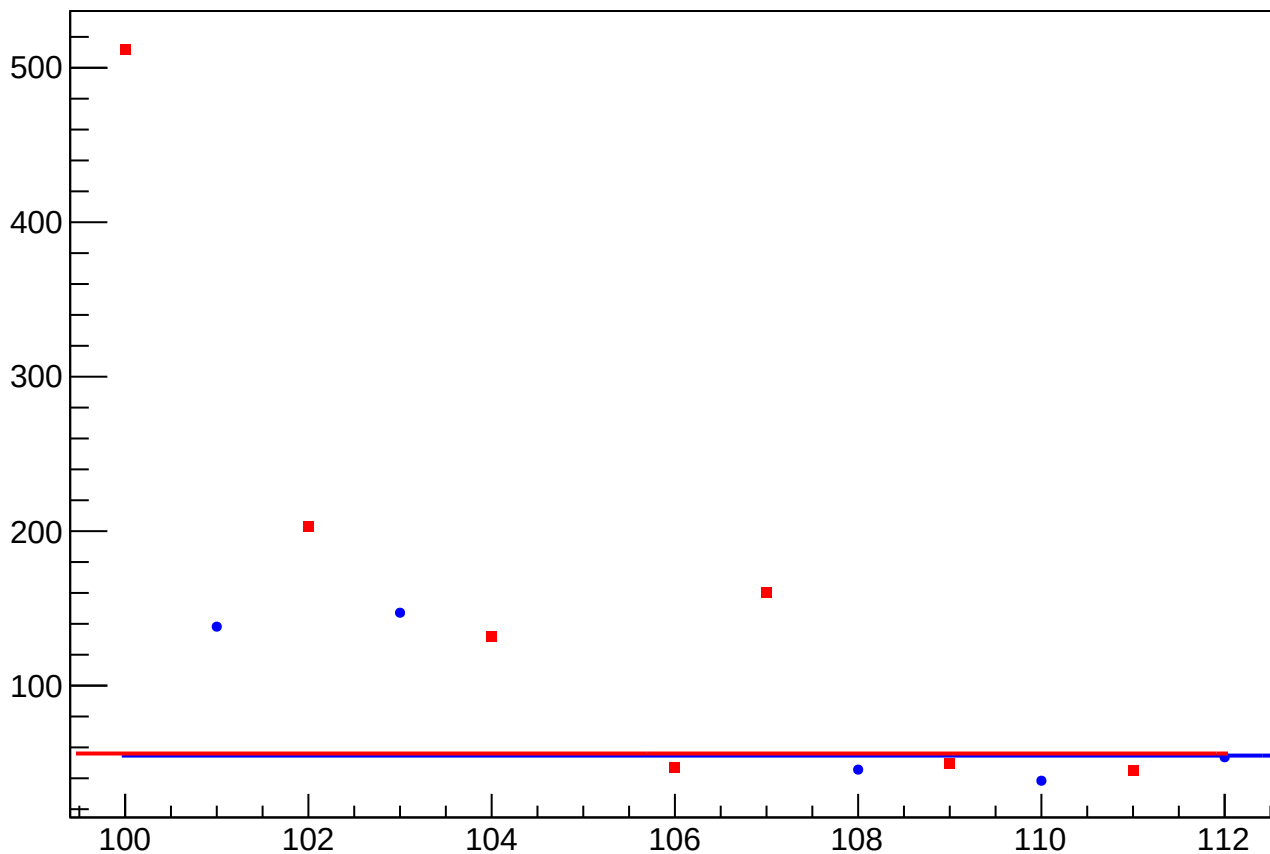
Right: 0.045+/-0.031 χ^2/NDF : 16.2/11

In: 0.085+/-0.042 χ^2/NDF : 7.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.045+/-0.031 χ^2/NDF : 16.2/11

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.700+/-0.030 χ^2/NDF : 991803.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.038+/-0.032 χ^2/NDF : 943611.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

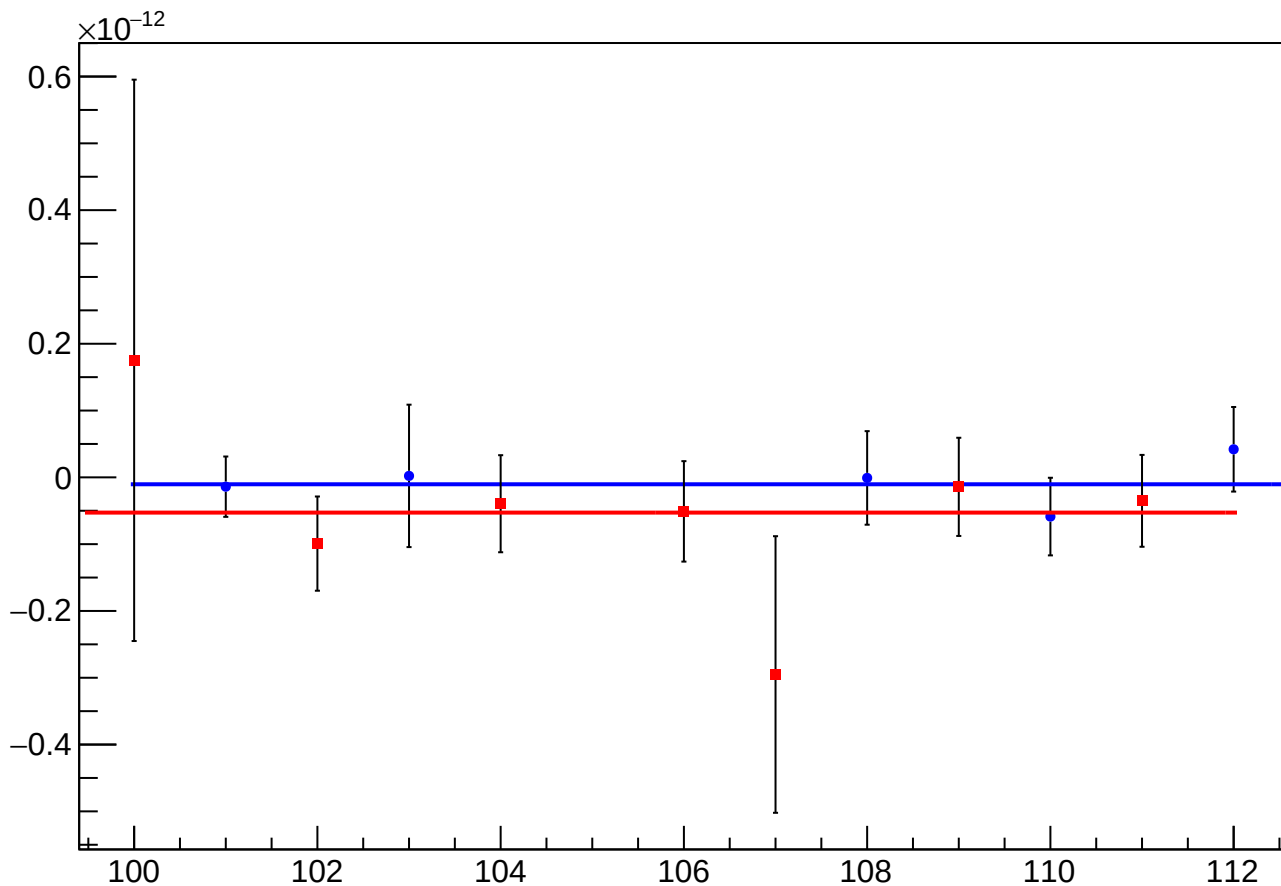
Right: 55.310+/-0.022 χ^2/NDF : 1936350.2/11

In: 54.700+/-0.030 χ^2/NDF : 991803.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.310+/-0.022 χ^2/NDF : 1936350.2/11

asym_at1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

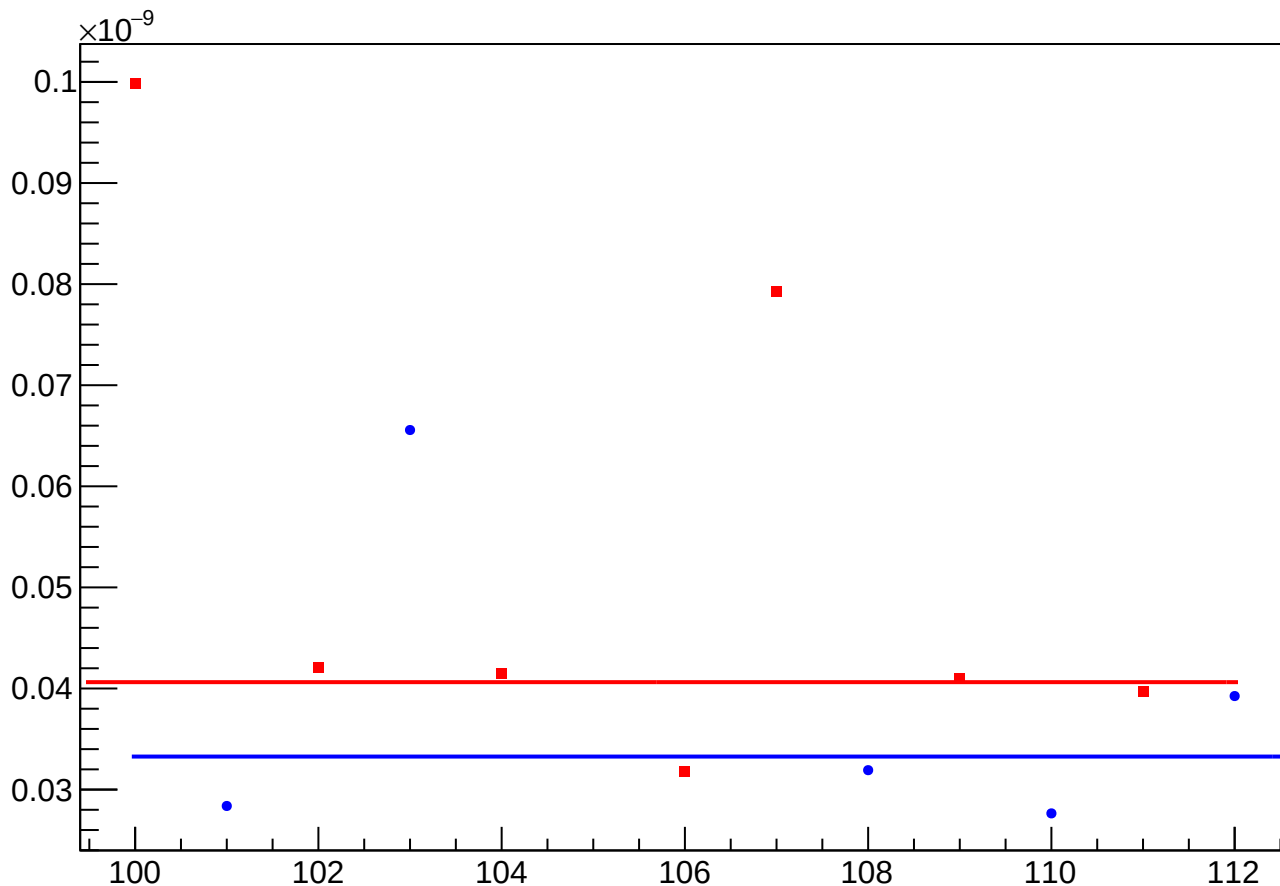
Right: -0.000+/-0.000 χ^2/NDF : 4.9/11

In: -0.000+/-0.000 χ^2/NDF : 1.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.9/11

asym_at1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 244438.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 138891.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

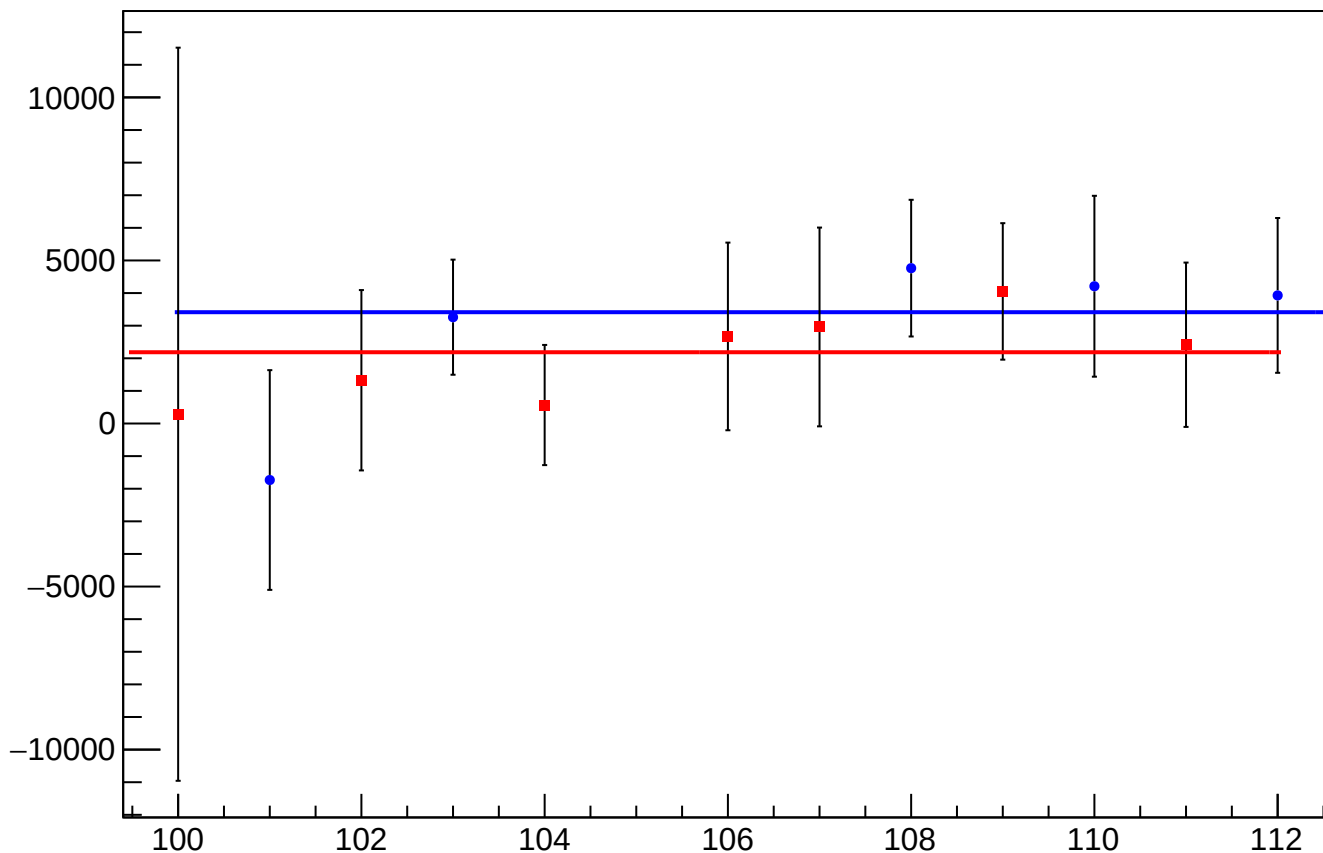
Right: 0.000+/-0.000 χ^2/NDF : 444892.1/11

In: 0.000+/-0.000 χ^2/NDF : 244438.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 444892.1/11

reg_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3413.277+/-1029.022 χ^2/NDF : 2.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2185.578+/-977.083 χ^2/NDF : 1.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

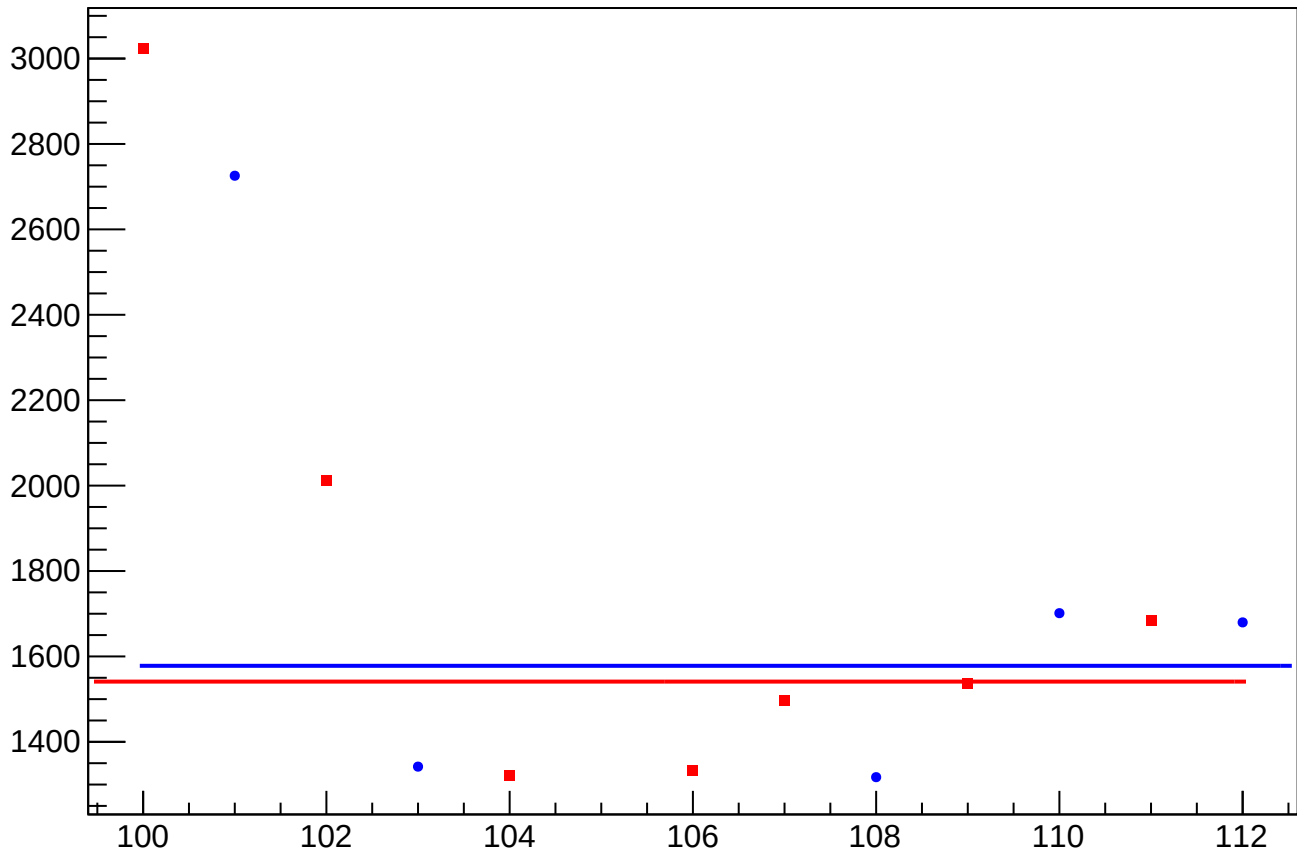
Right: 2767.663+/-708.552 χ^2/NDF : 5.4/11

In: 3413.277+/-1029.022 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2767.663+/-708.552 χ^2/NDF : 5.4/11

reg_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1578.042+/-0.728 χ^2/NDF : 306435.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1541.073+/-0.691 χ^2/NDF : 139008.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

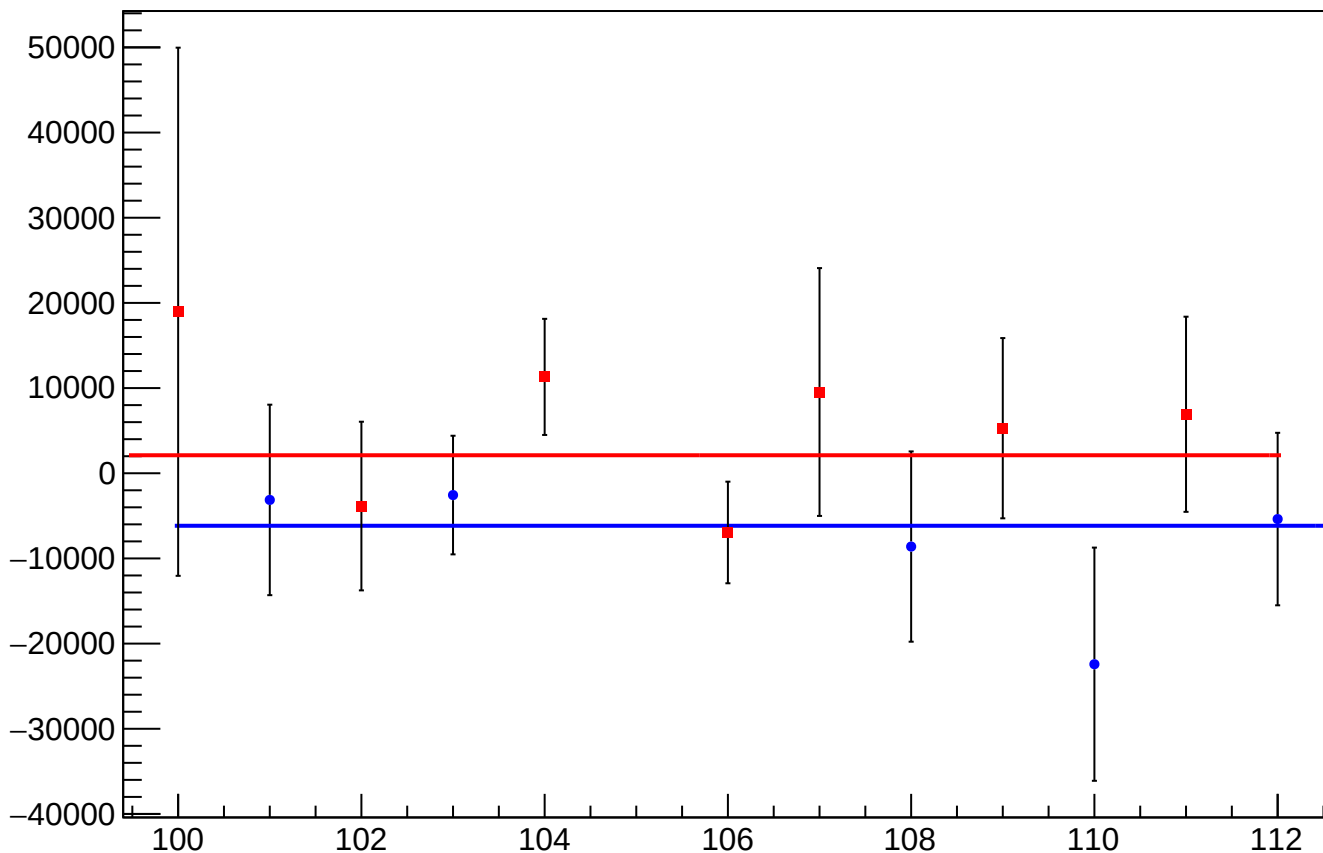
Right: 1558.601+/-0.501 χ^2/NDF : 446801.6/11

In: 1578.042+/-0.728 χ^2/NDF : 306435.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1558.601+/-0.501 χ^2/NDF : 446801.6/11

asym_at2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -6165.489+/-4396.958 χ^2/NDF : 1.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2113.527+/-3489.027 χ^2/NDF : 5.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

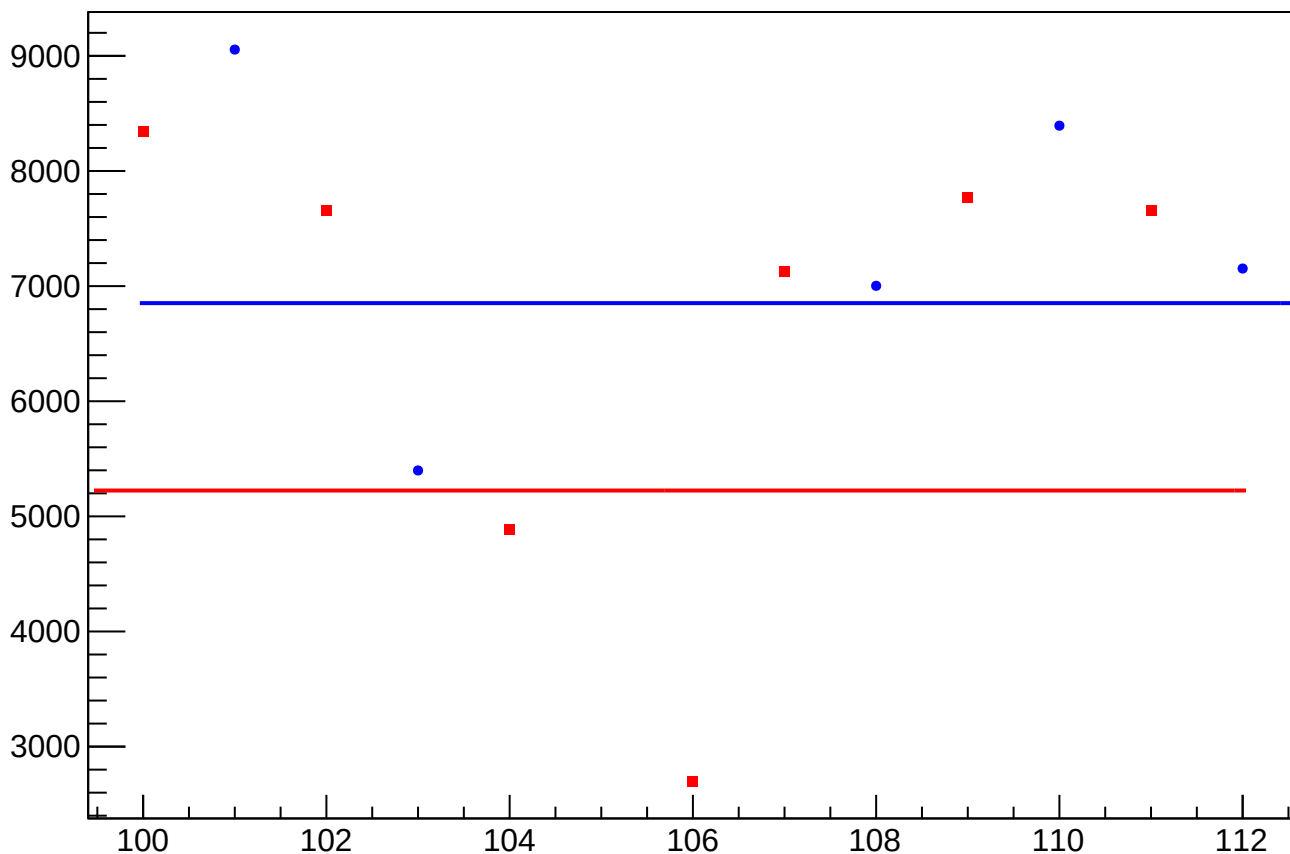
Right: -1085.270+/-2733.105 χ^2/NDF : 9.3/11

In: -6165.489+/-4396.958 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1085.270+/-2733.105 χ^2/NDF : 9.3/11

asym_at2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 6852.199+/-3.109 χ^2/NDF : 192213.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5224.446+/-2.467 χ^2/NDF : 744298.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

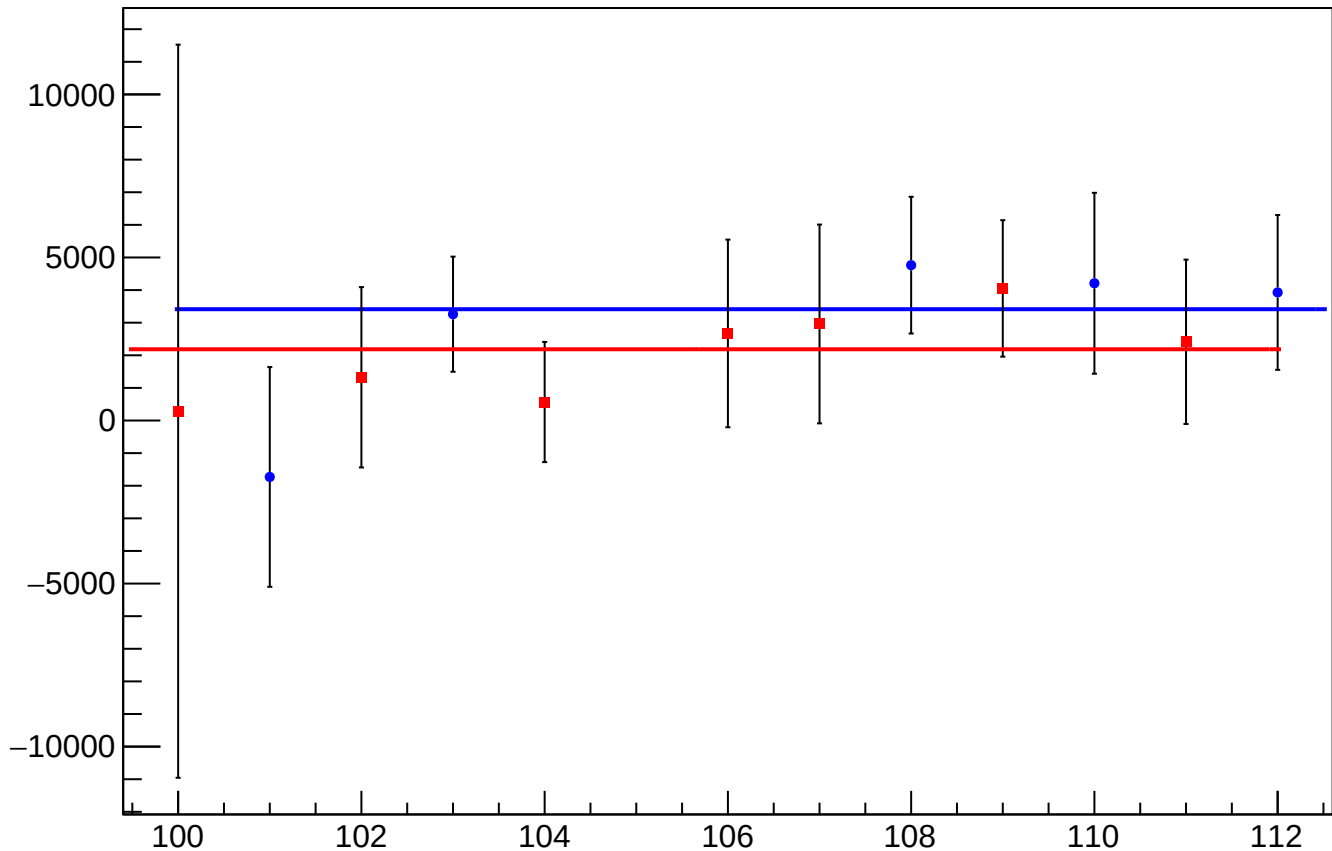
Right: 5853.368+/-1.933 χ^2/NDF : 1104704.3/11

In: 6852.199+/-3.109 χ^2/NDF : 192213.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5853.368+/-1.933 χ^2/NDF : 1104704.3/11

cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3413.398+/-1029.022 χ^2/NDF : 2.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2185.271+/-977.083 χ^2/NDF : 1.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

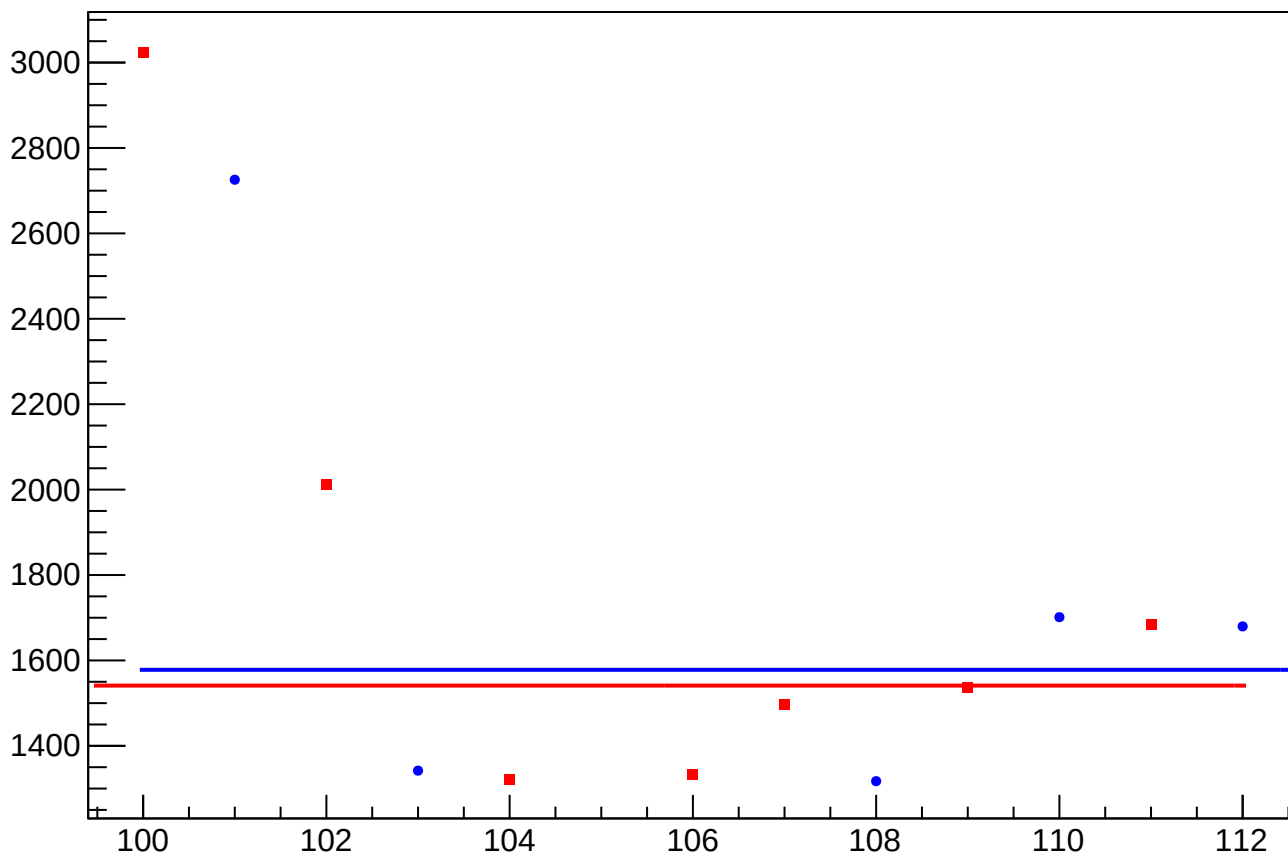
Right: 2767.559+/-708.552 χ^2/NDF : 5.4/11

In: 3413.398+/-1029.022 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2767.559+/-708.552 χ^2/NDF : 5.4/11

cor_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1578.041+/-0.728 χ^2/NDF : 306435.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1541.072+/-0.691 χ^2/NDF : 139008.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

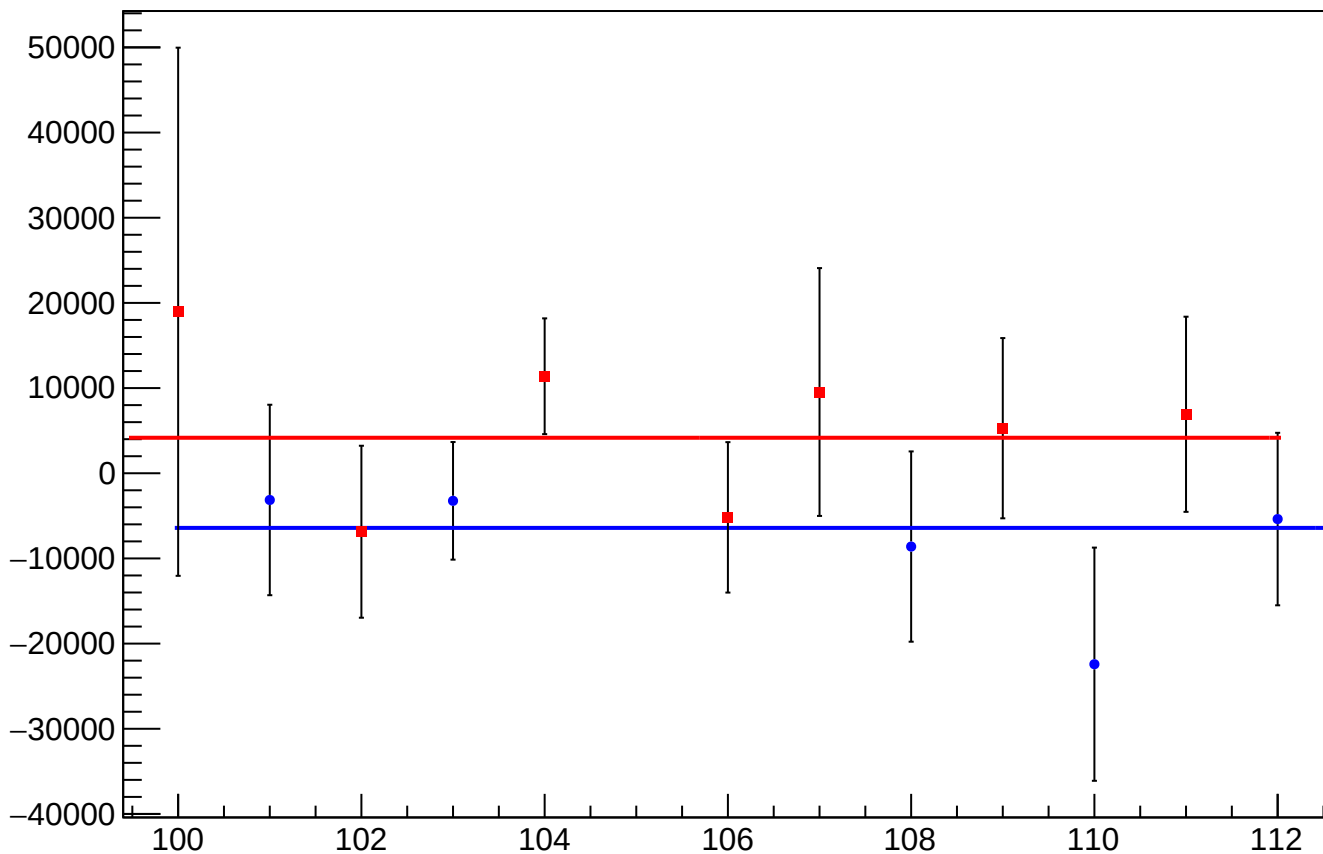
Right: 1558.600+/-0.501 χ^2/NDF : 446801.5/11

In: 1578.041+/-0.728 χ^2/NDF : 306435.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1558.600+/-0.501 χ^2/NDF : 446801.5/11

asym_at2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -6414.842 $\pm$ 4381.929 χ^2 /NDF: 1.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4167.891 $\pm$ 3874.958 χ^2 /NDF: 3.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

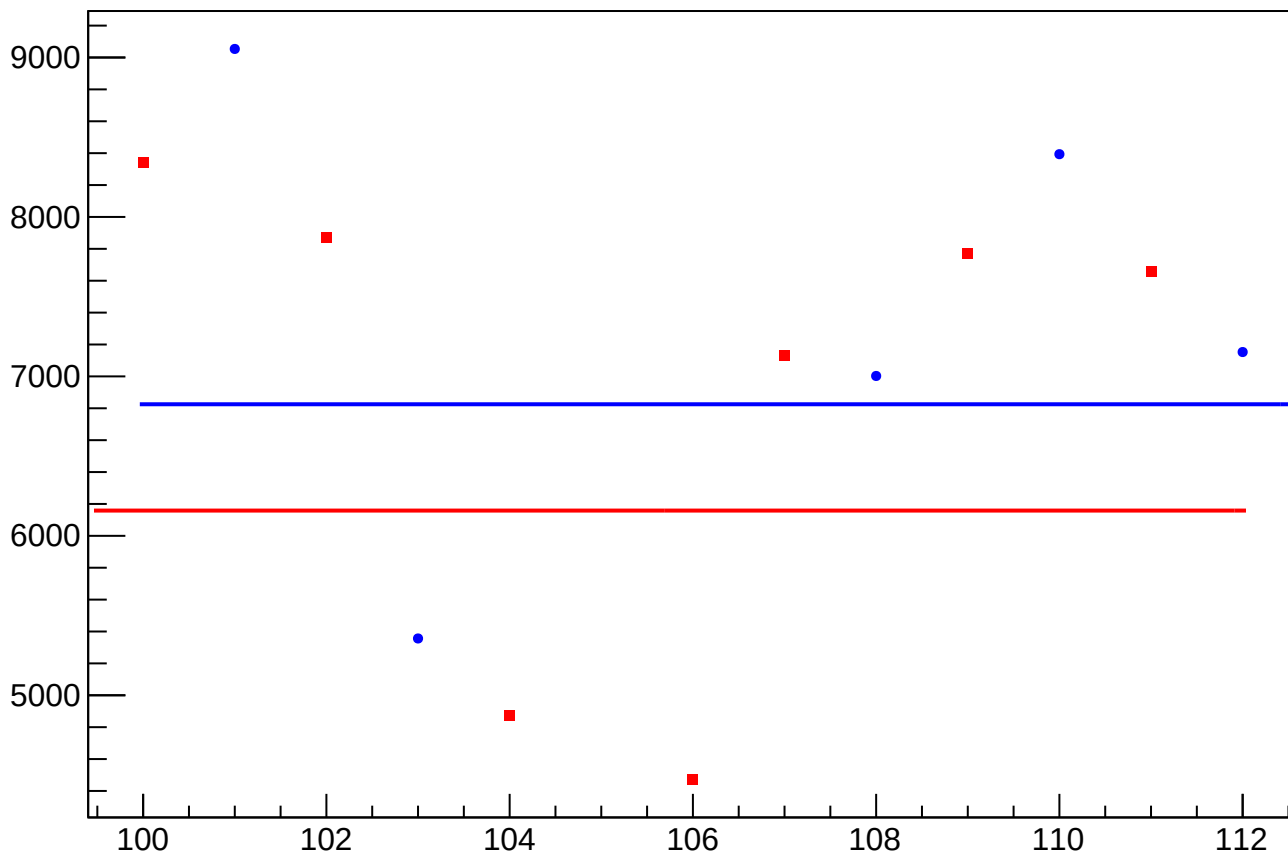
Right: -476.139 $\pm$ 2902.778 χ^2 /NDF: 8.9/11

In: -6414.842 $\pm$ 4381.929 χ^2 /NDF:1.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -476.139 $\pm$ 2902.778 χ^2 /NDF: 8.9/11

asym_at2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 6825.195+/-3.098 χ^2/NDF : 198826.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6158.438+/-2.740 χ^2/NDF : 301864.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

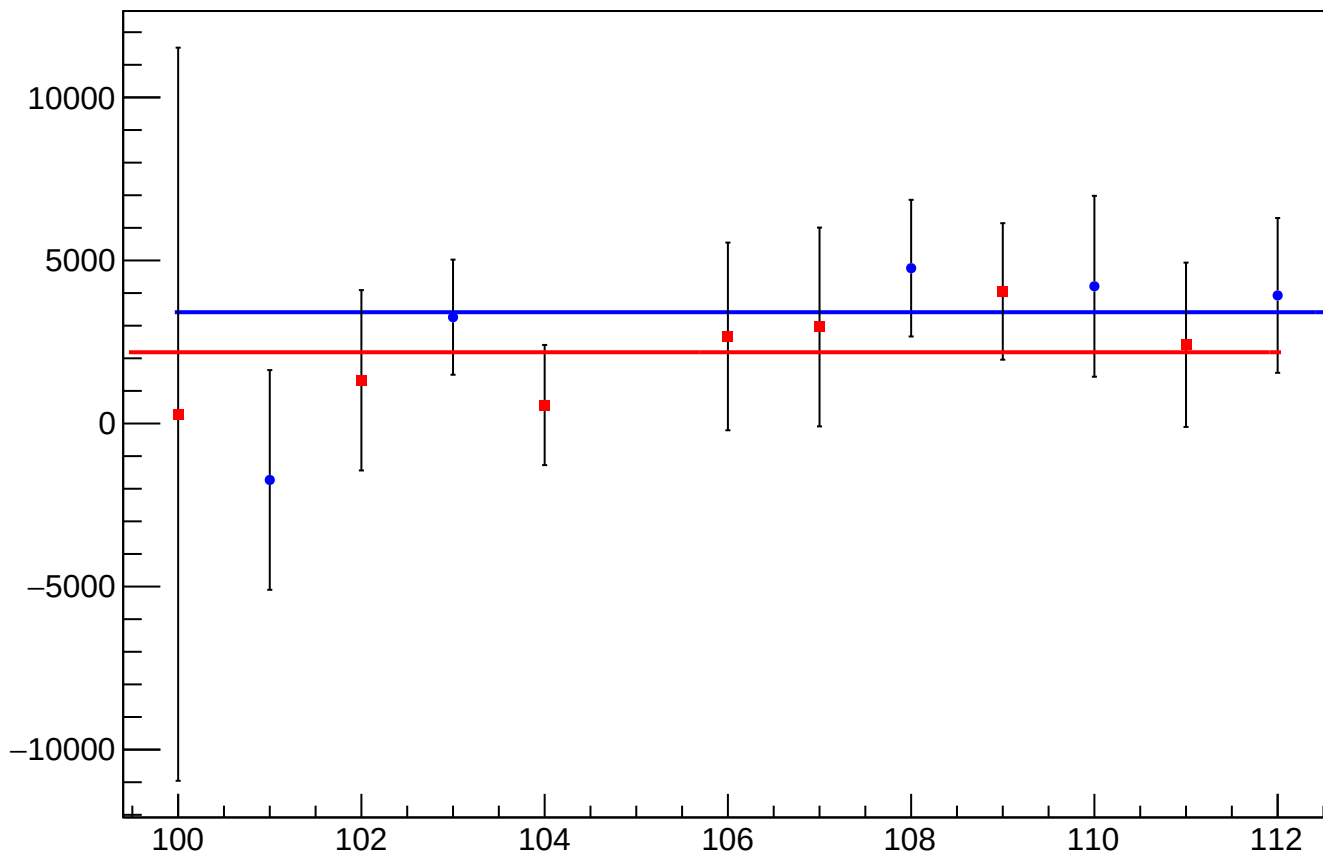
Right: 6451.031+/-2.053 χ^2/NDF : 526675.7/11

In: 6825.195+/-3.098 χ^2/NDF : 198826.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6451.031+/-2.053 χ^2/NDF : 526675.7/11

eigen_cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3413.398+/-1029.022 χ^2/NDF : 2.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2185.271+/-977.083 χ^2/NDF : 1.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

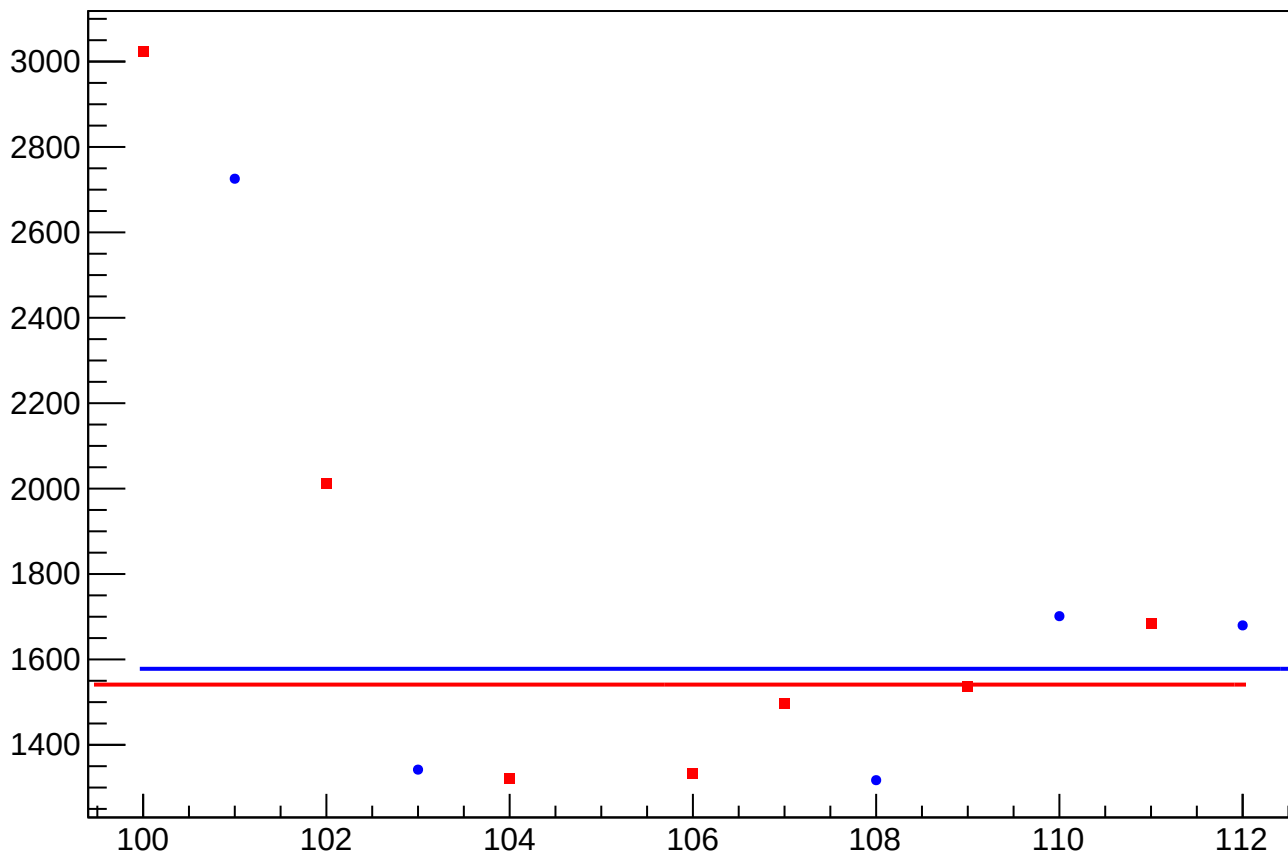
Right: 2767.559+/-708.552 χ^2/NDF : 5.4/11

In: 3413.398+/-1029.022 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2767.559+/-708.552 χ^2/NDF : 5.4/11

eigen_cor_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1578.041+/-0.728 χ^2/NDF : 306435.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1541.072+/-0.691 χ^2/NDF : 139008.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

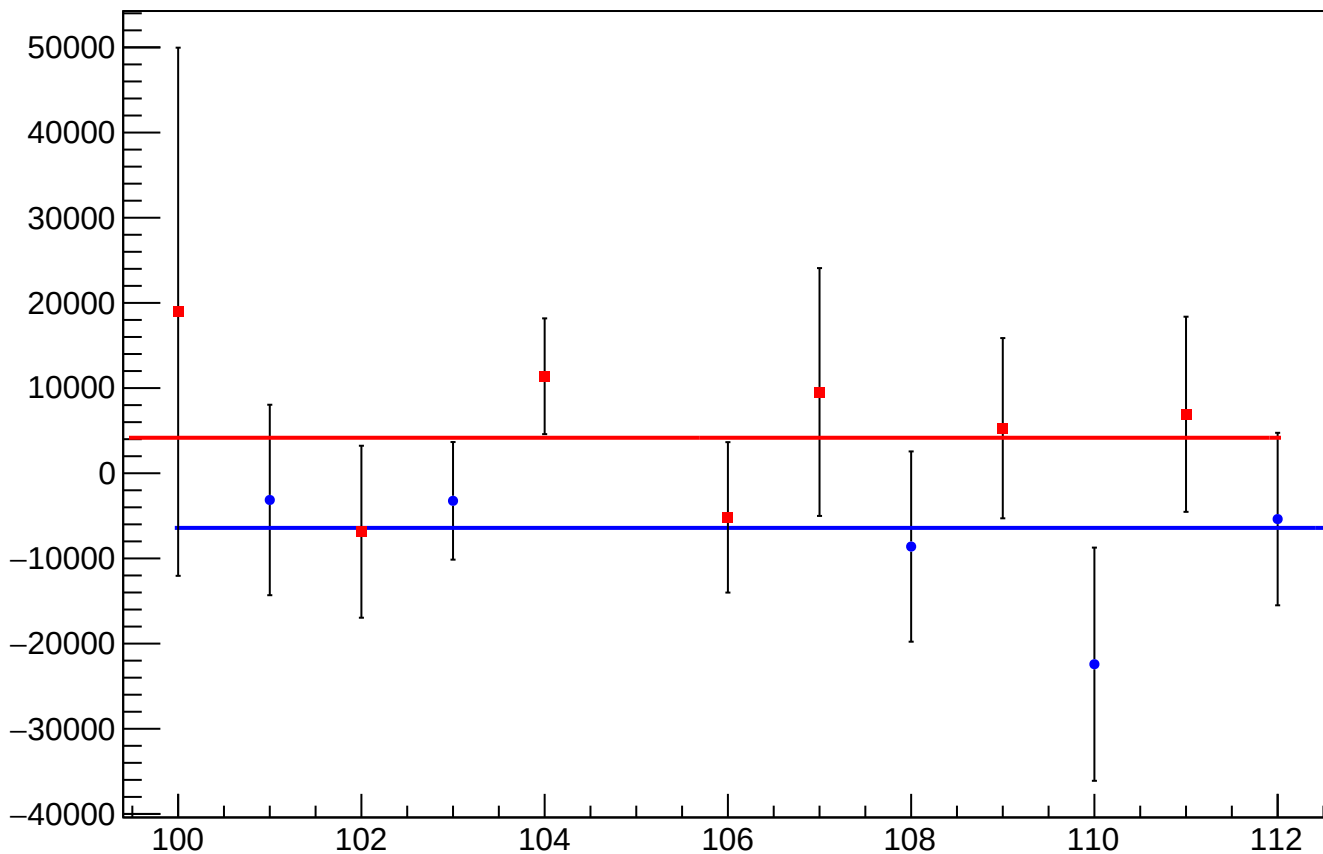
Right: 1558.600+/-0.501 χ^2/NDF : 446801.5/11

In: 1578.041+/-0.728 χ^2/NDF : 306435.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1558.600+/-0.501 χ^2/NDF : 446801.5/11

asym_at2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -6414.842 $\pm$ 4381.929 χ^2 /NDF: 1.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4167.891 $\pm$ 3874.958 χ^2 /NDF: 3.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

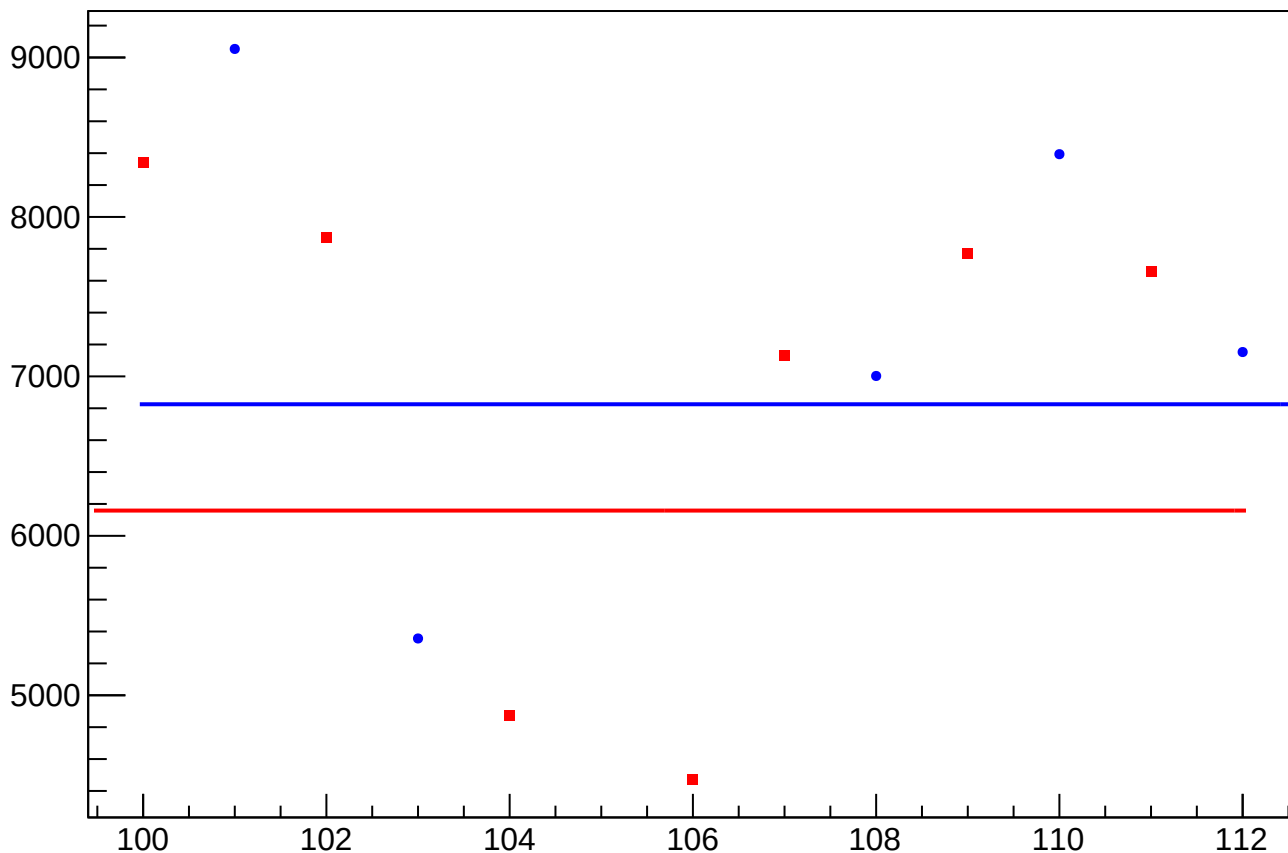
Right: -476.139 $\pm$ 2902.778 χ^2 /NDF: 8.9/11

In: -6414.842 $\pm$ 4381.929 χ^2 /NDF:1.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -476.139 $\pm$ 2902.778 χ^2 /NDF: 8.9/11

asym_at2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 6825.195+/-3.098 χ^2/NDF : 198826.1/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 6158.438+/-2.740 χ^2/NDF : 301864.3/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

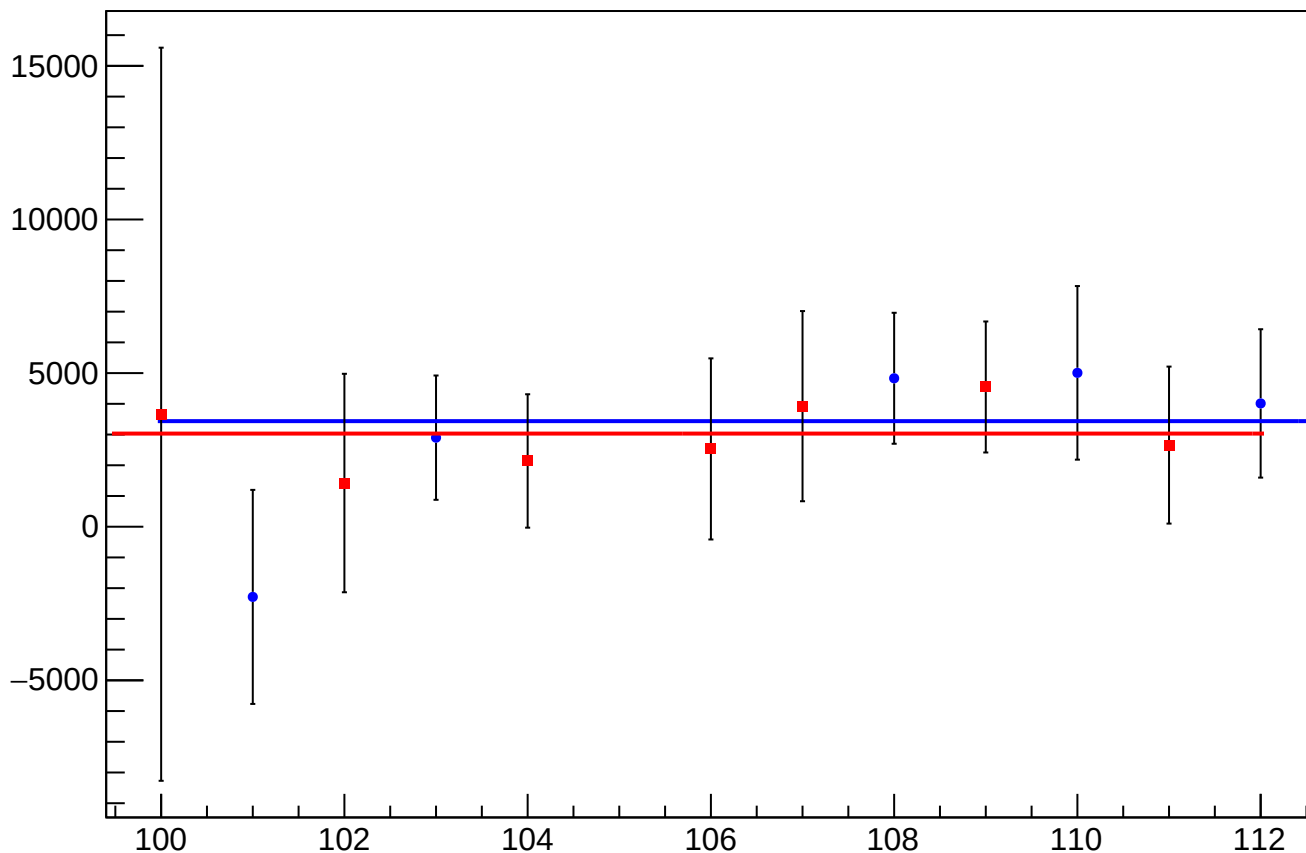
Right: 6451.031+/-2.053 χ^2/NDF : 526675.7/11

In: 6825.195+/-3.098 χ^2/NDF :198826.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6451.031+/-2.053 χ^2/NDF : 526675.7/11

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3436.555+/-1088.736 χ^2/NDF : 3.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3031.358+/-1059.469 χ^2/NDF : 1.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

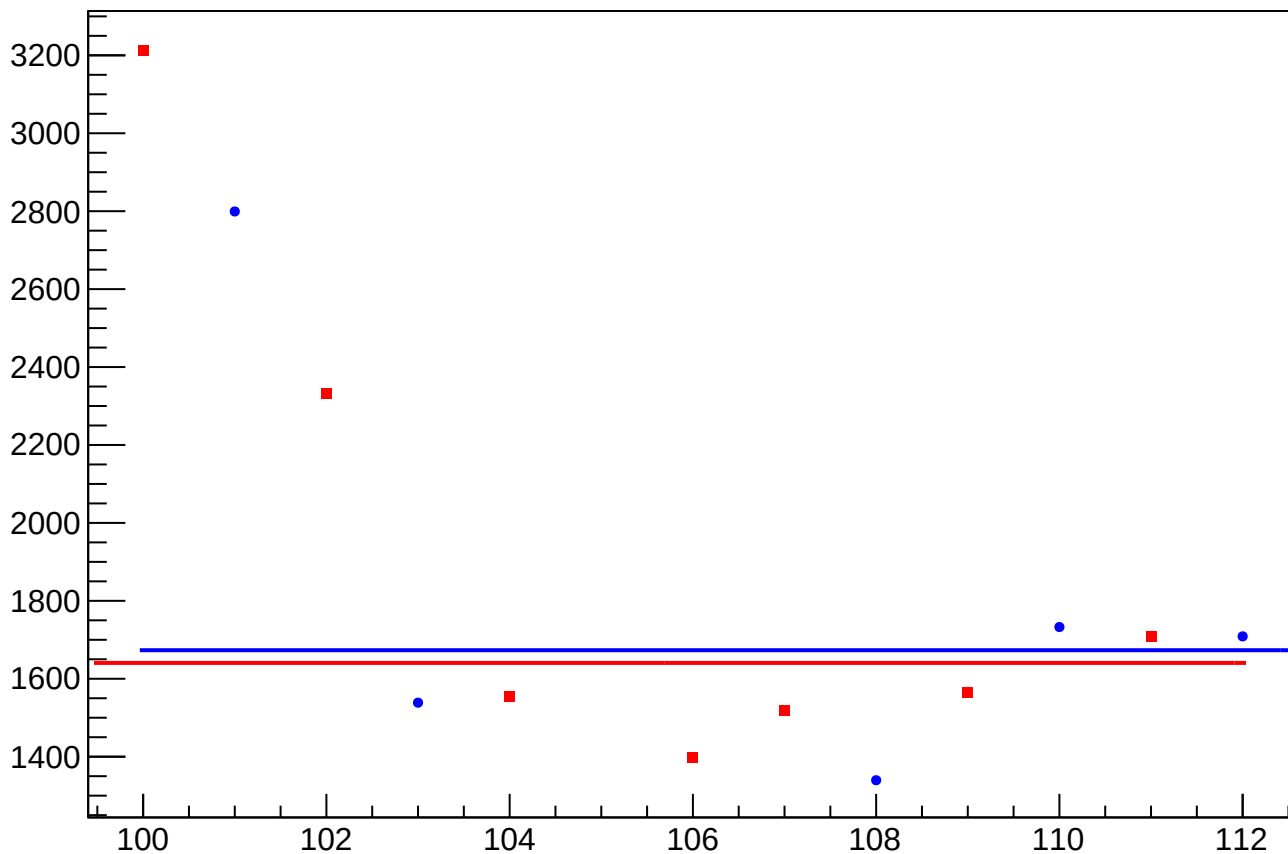
Right: 3228.438+/-759.294 χ^2/NDF : 4.6/11

In: 3436.555+/-1088.736 χ^2/NDF : 3.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3228.438+/-759.294 χ^2/NDF : 4.6/11

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1673.271+/-0.770 χ^2/NDF : 268148.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1640.685+/-0.748 χ^2/NDF : 134033.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

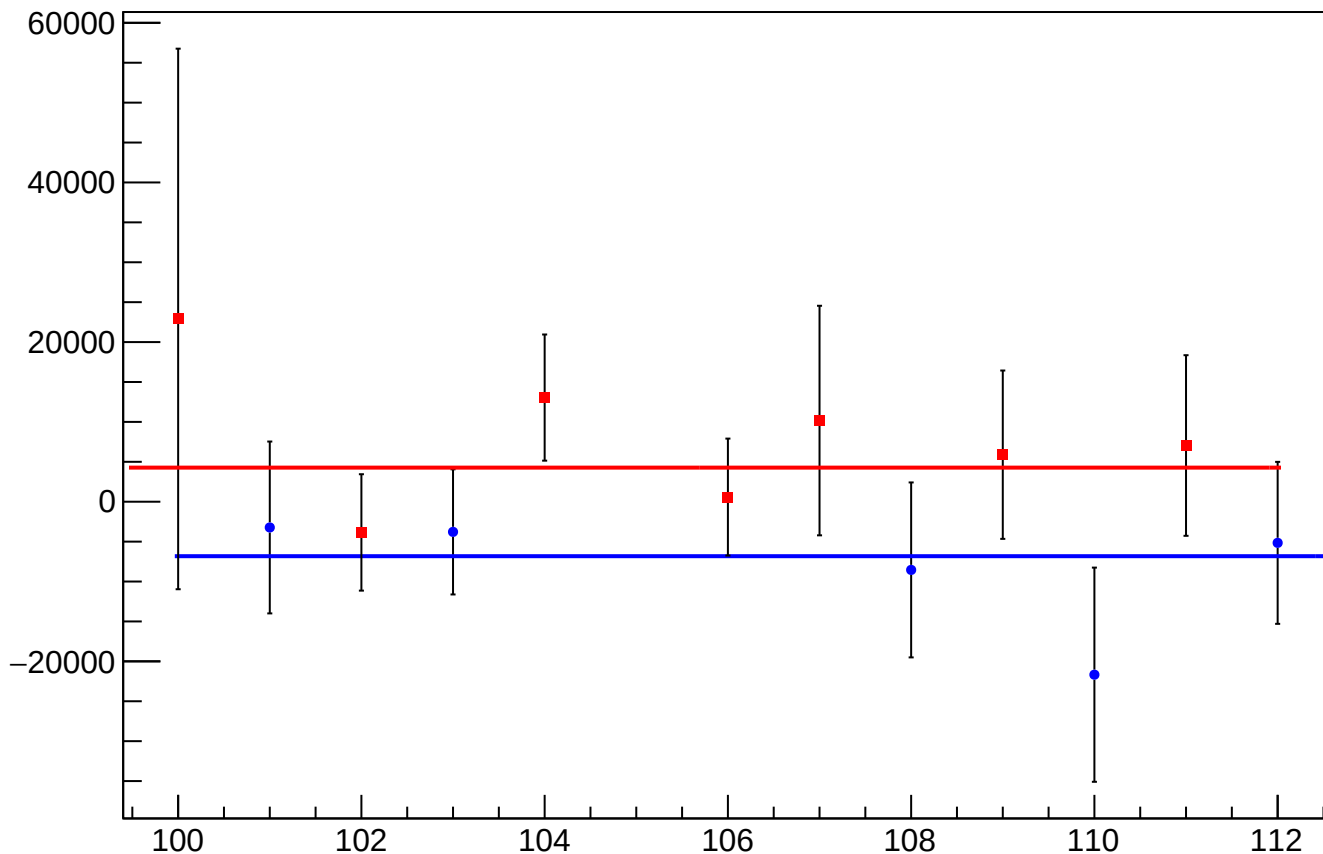
Right: 1656.518+/-0.537 χ^2/NDF : 403103.2/11

In: 1673.271+/-0.770 χ^2/NDF : 268148.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1656.518+/-0.537 χ^2/NDF : 403103.2/11

asym_at2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -6824.962+/-4541.079 χ^2/NDF : 1.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4271.682+/-3628.391 χ^2/NDF : 3.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

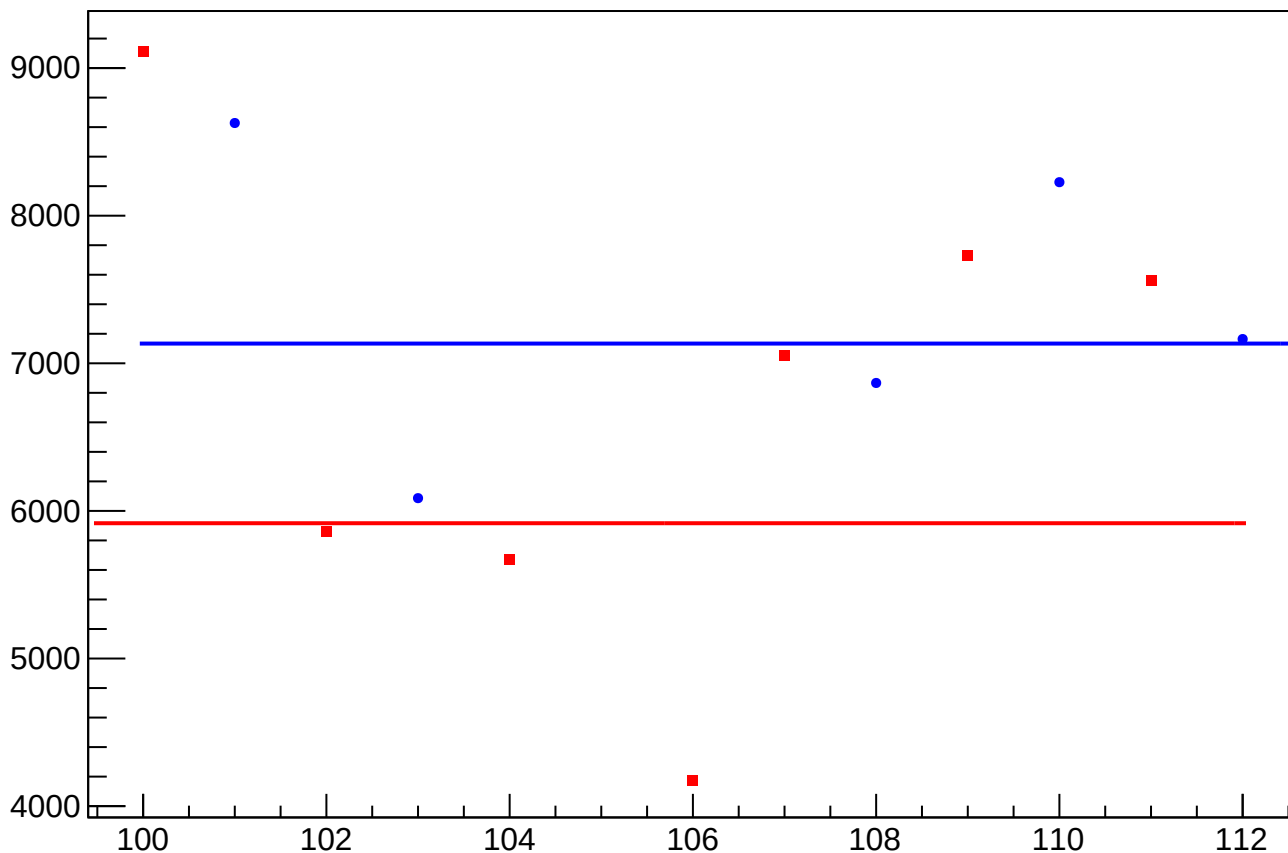
Right: -52.212+/-2834.658 χ^2/NDF : 8.5/11

In: -6824.962+/-4541.079 χ^2/NDF : 1.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -52.212+/-2834.658 χ^2/NDF : 8.5/11

asym_at2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 7133.665+/-3.211 χ^2/NDF : 88700.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5916.607+/-2.566 χ^2/NDF : 246631.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

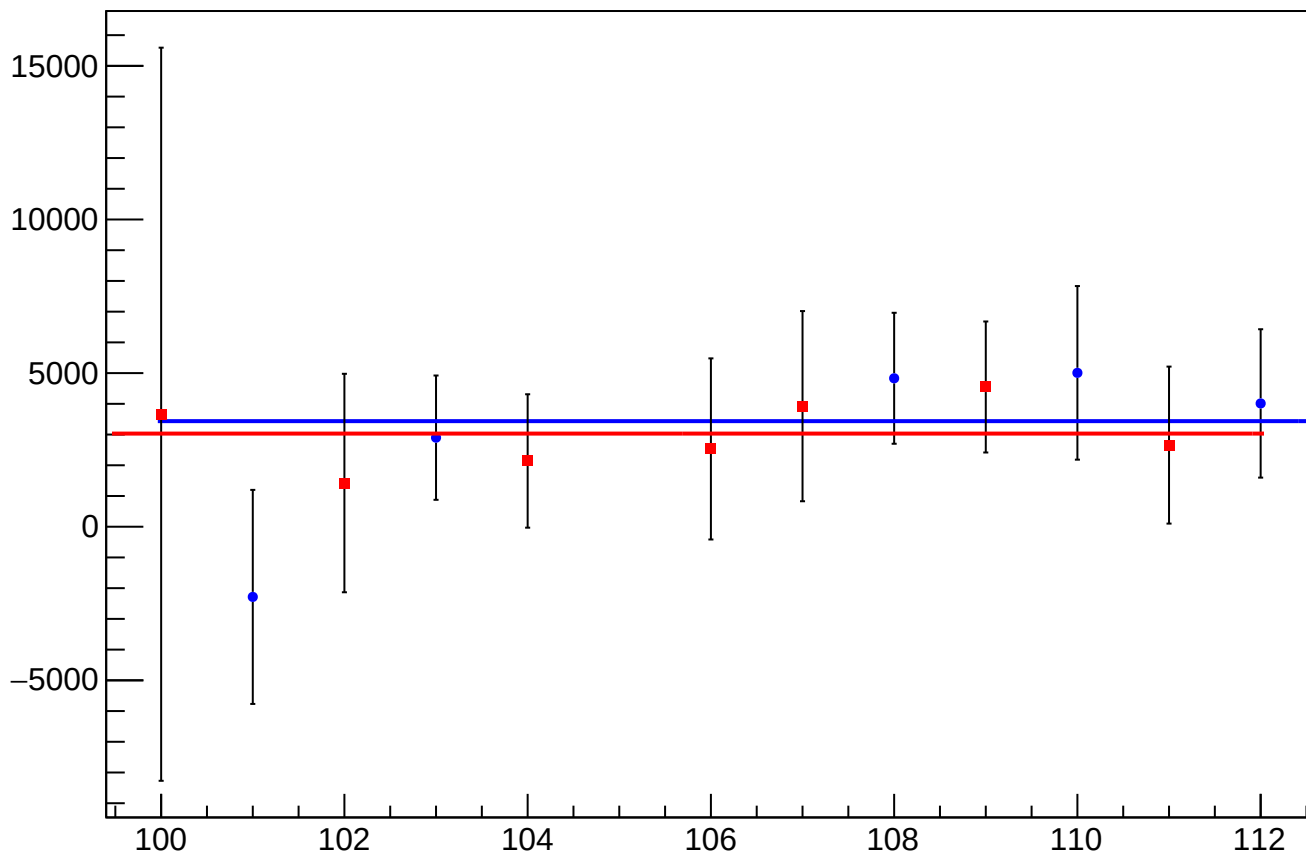
Right: 6390.844+/-2.004 χ^2/NDF : 423013.8/11

In: 7133.665+/-3.211 χ^2/NDF : 88700.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6390.844+/-2.004 χ^2/NDF : 423013.8/11

eigen_dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3436.566+/-1088.736 χ^2/NDF : 3.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3031.360+/-1059.469 χ^2/NDF : 1.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

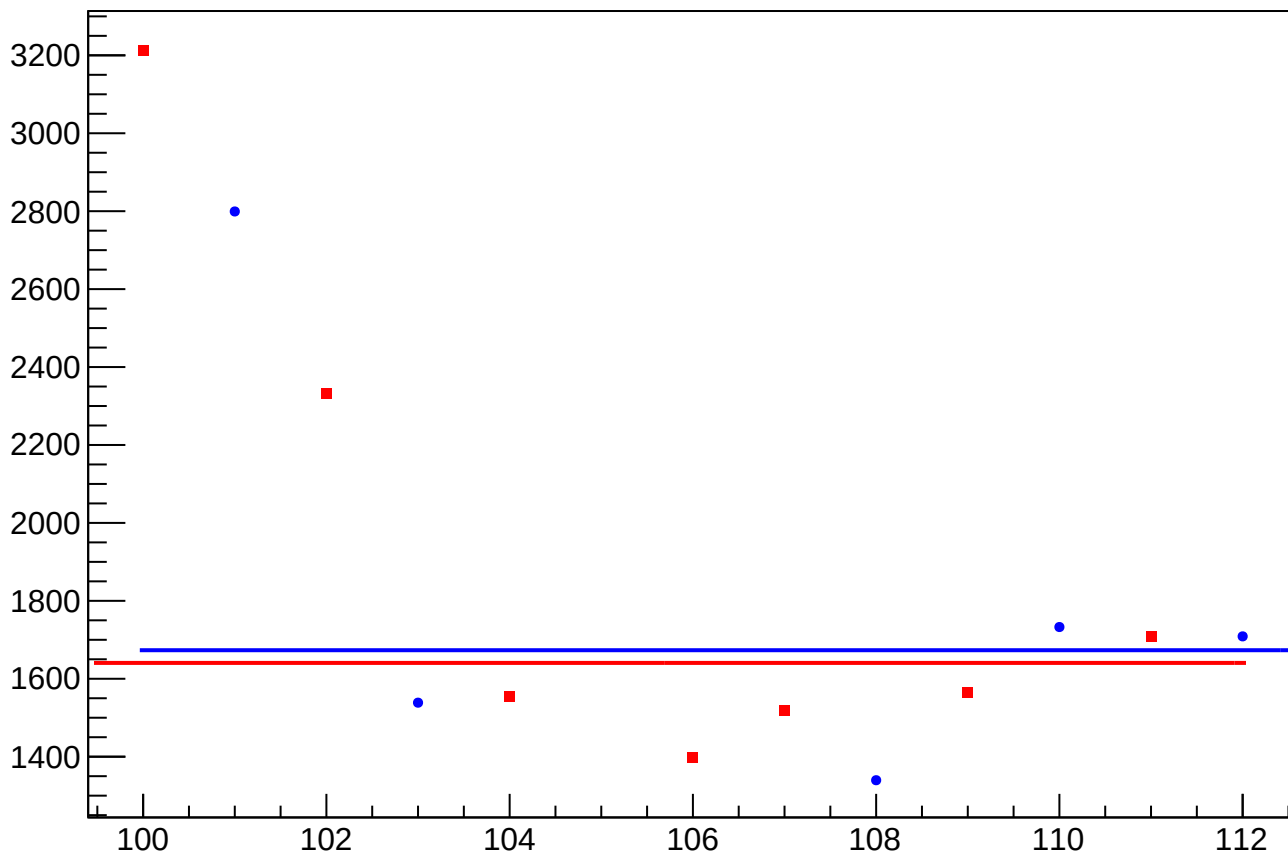
Right: 3228.443+/-759.294 χ^2/NDF : 4.6/11

In: 3436.566+/-1088.736 χ^2/NDF : 3.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3228.443+/-759.294 χ^2/NDF : 4.6/11

eigen_dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1673.272+/-0.770 χ^2/NDF : 268148.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1640.686+/-0.748 χ^2/NDF : 134033.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

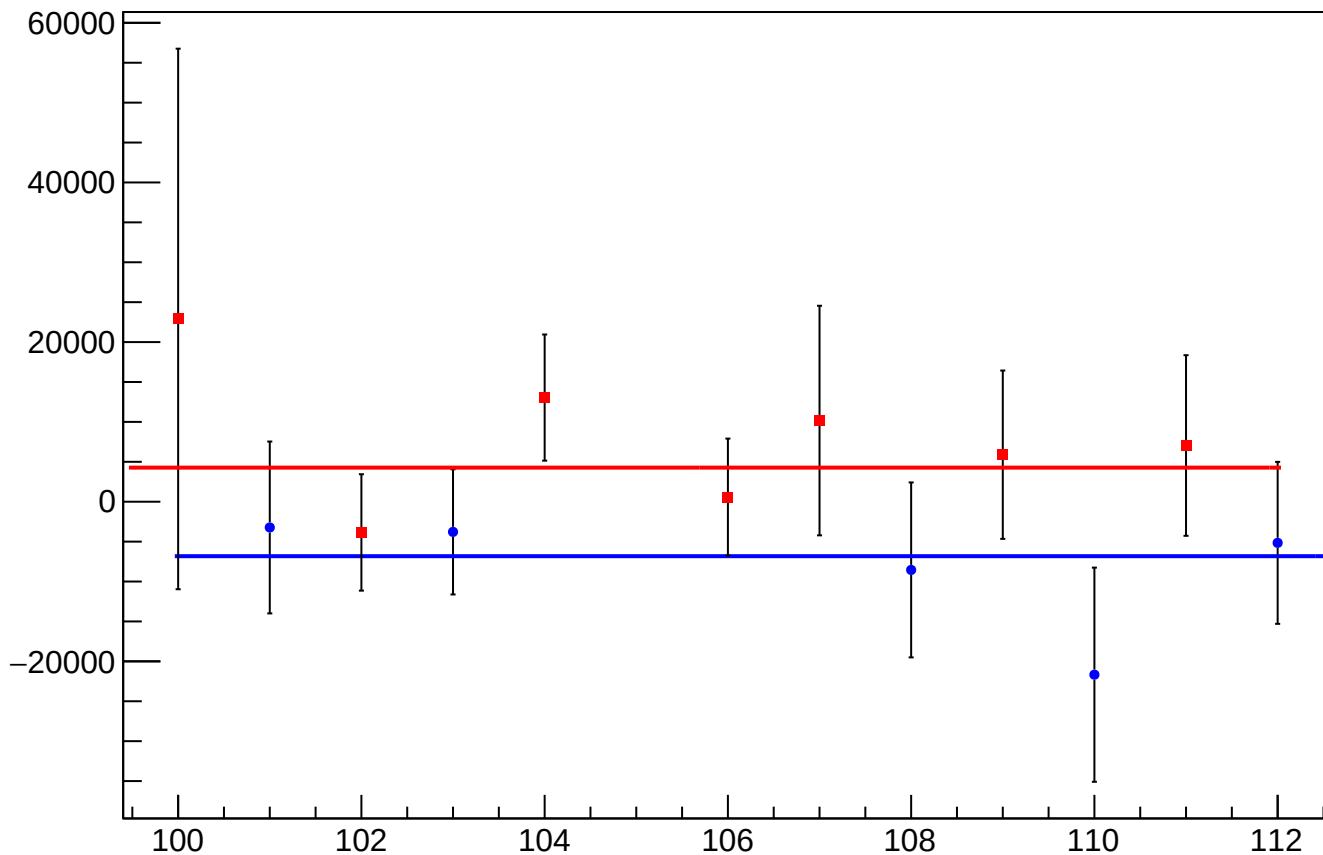
Right: 1656.518+/-0.537 χ^2/NDF : 403102.8/11

In: 1673.272+/-0.770 χ^2/NDF : 268148.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1656.518+/-0.537 χ^2/NDF : 403102.8/11

asym_at2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -6824.960+/-4541.073 χ^2 /NDF: 1.5/4

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 4271.690+/-3628.386 χ^2 /NDF: 3.3/6

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

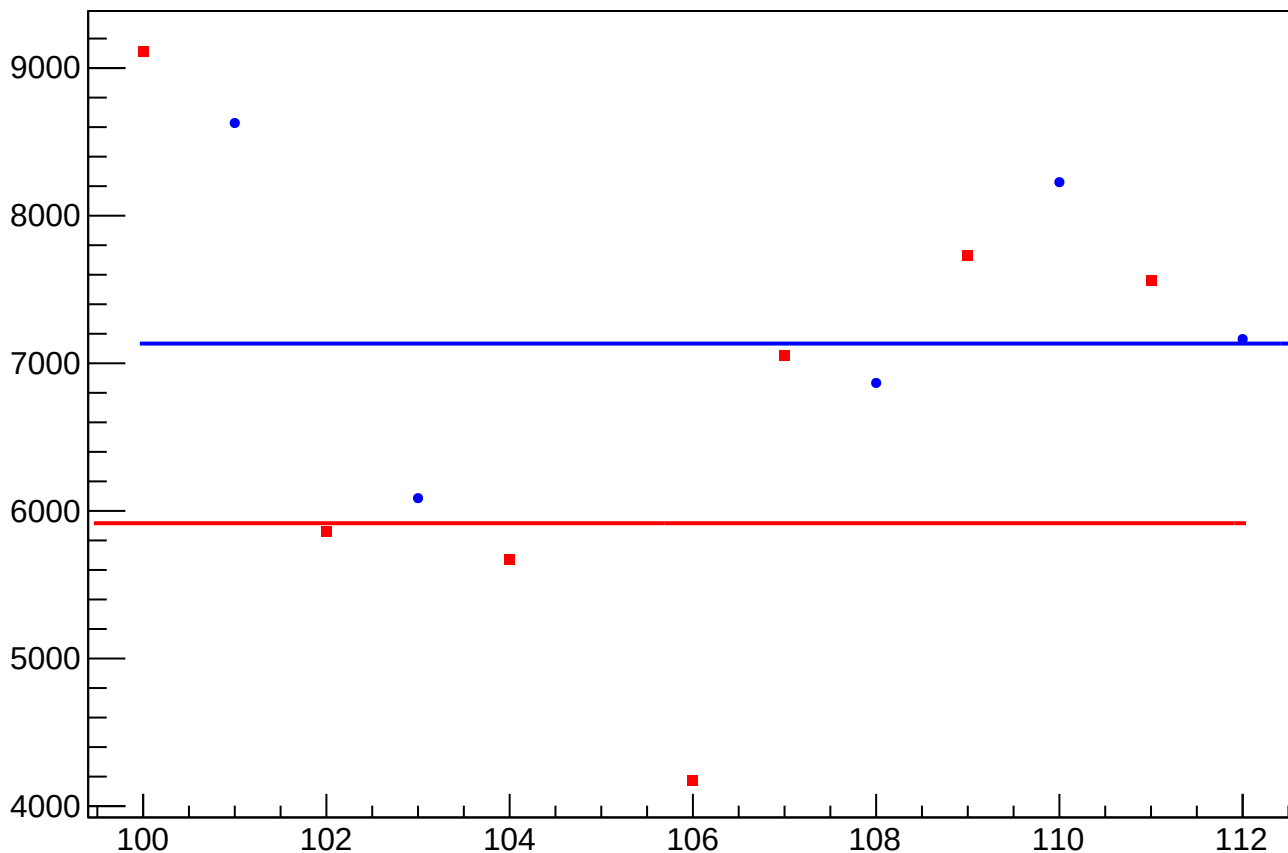
Right: -52.205+/-2834.655 χ^2 /NDF: 8.5/11

In: -6824.960+/-4541.073 χ^2 /NDF: 1.5/4

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -52.205+/-2834.655 χ^2 /NDF: 8.5/11

asym_at2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 7133.657 $\pm$ 3.211 χ^2 /NDF: 88699.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5916.599 $\pm$ 2.566 χ^2 /NDF: 246632.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

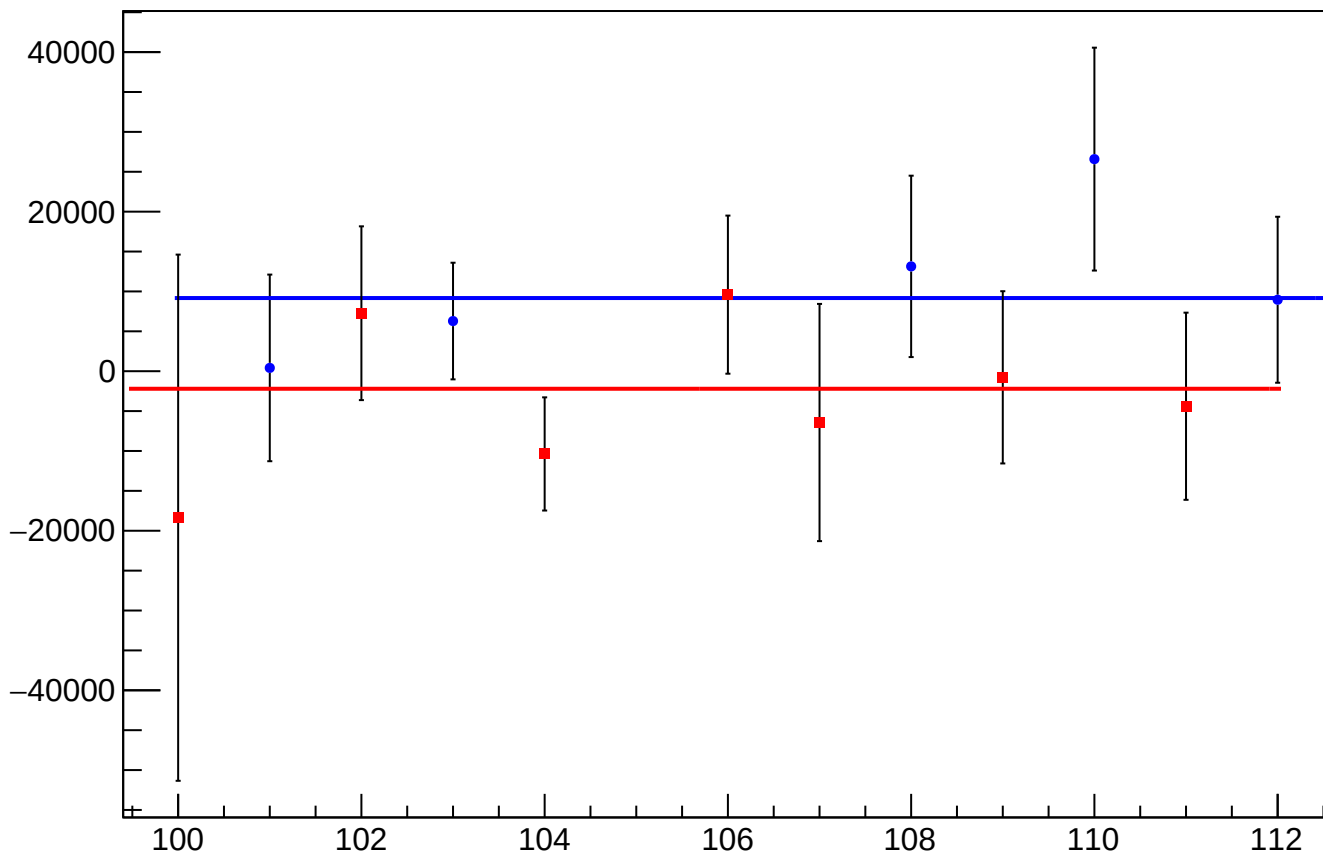
Right: 6390.835 $\pm$ 2.004 χ^2 /NDF: 423013.5/11

In: 7133.657 $\pm$ 3.211 χ^2 /NDF:88699.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 6390.835 $\pm$ 2.004 χ^2 /NDF: 423013.5/11

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 9171.069+/-4558.684 χ^2/NDF : 2.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2201.380+/-4090.156 χ^2/NDF : 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

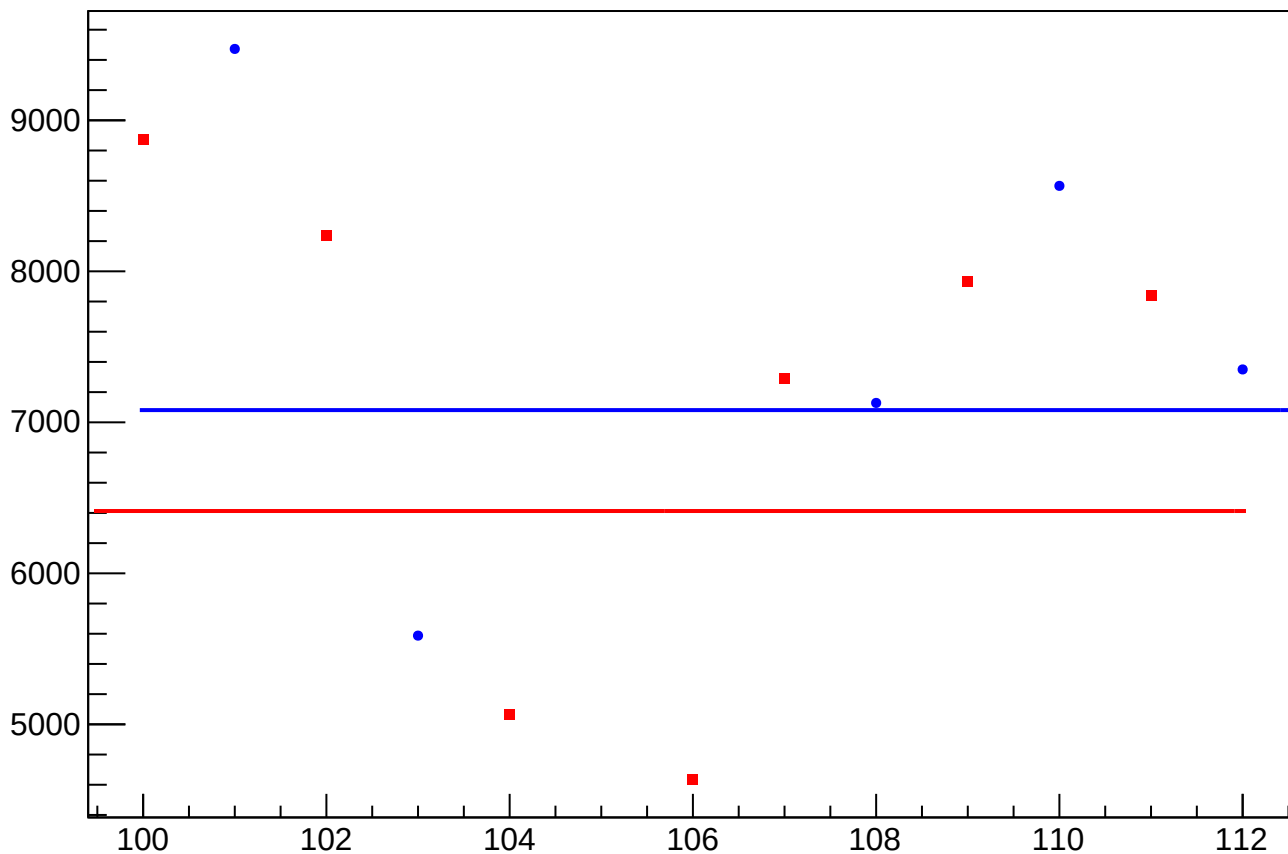
Right: 2870.576+/-3044.389 χ^2/NDF : 9.7/11

In: 9171.069+/-4558.684 χ^2/NDF : 2.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2870.576+/-3044.389 χ^2/NDF : 9.7/11

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7081.009+/-3.223 χ^2/NDF : 191076.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6412.720+/-2.892 χ^2/NDF : 280273.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

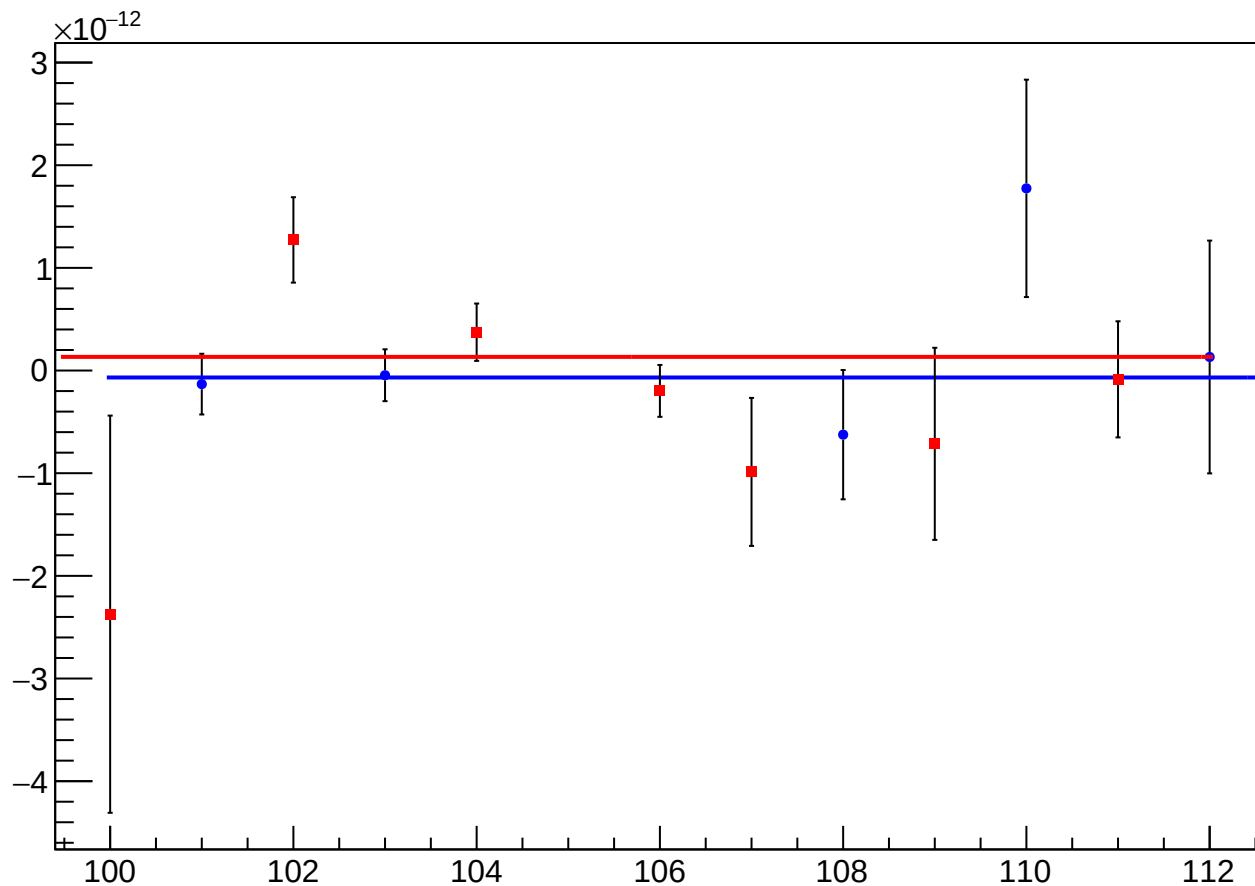
Right: 6710.722+/-2.152 χ^2/NDF : 495166.0/11

In: 7081.009+/-3.223 χ^2/NDF : 191076.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6710.722+/-2.152 χ^2/NDF : 495166.0/11

asym_at2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.9/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.0/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

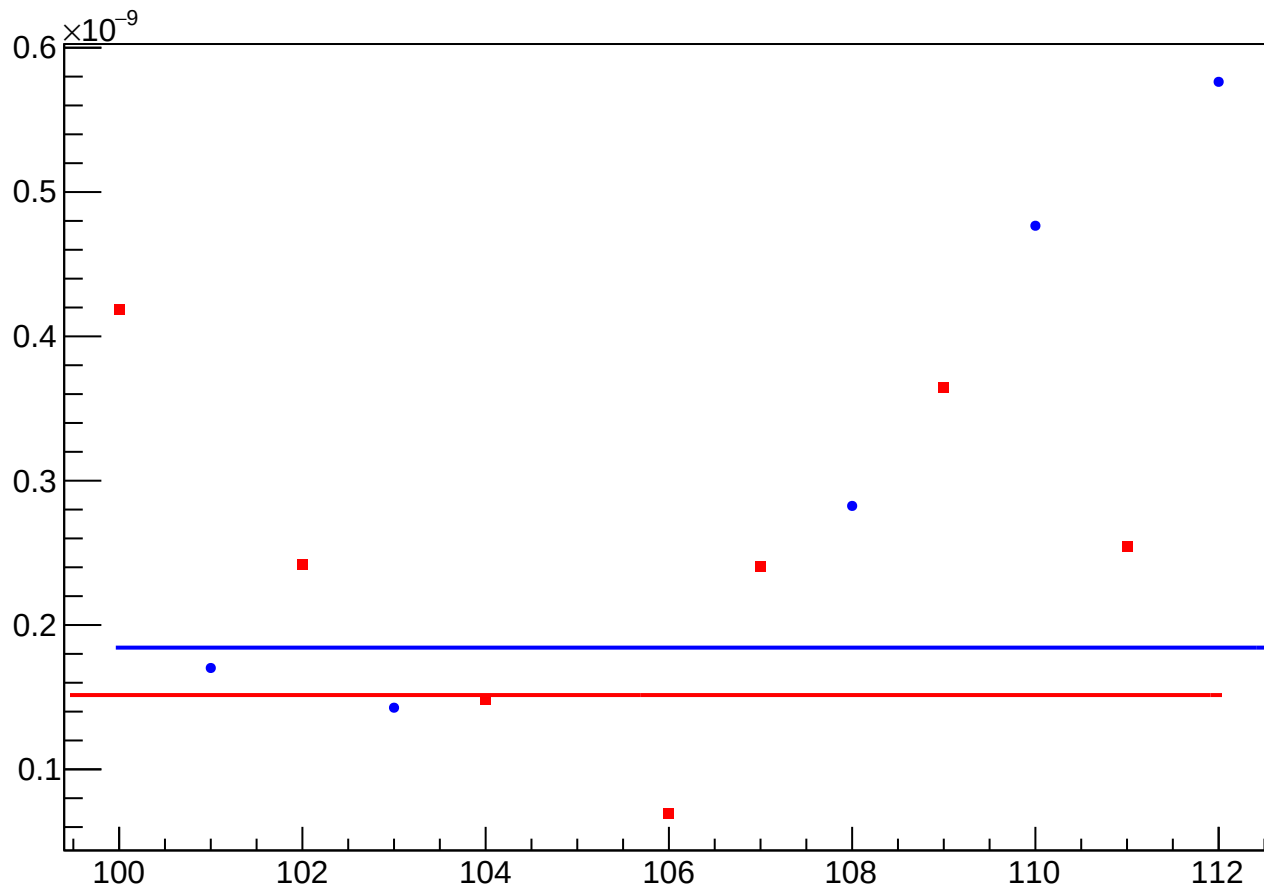
Right: 0.000+/-0.000 χ^2/NDF : 19.6/11

In: -0.000+/-0.000 χ^2/NDF :3.9/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.6/11

asym_at2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 499073.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 543917.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

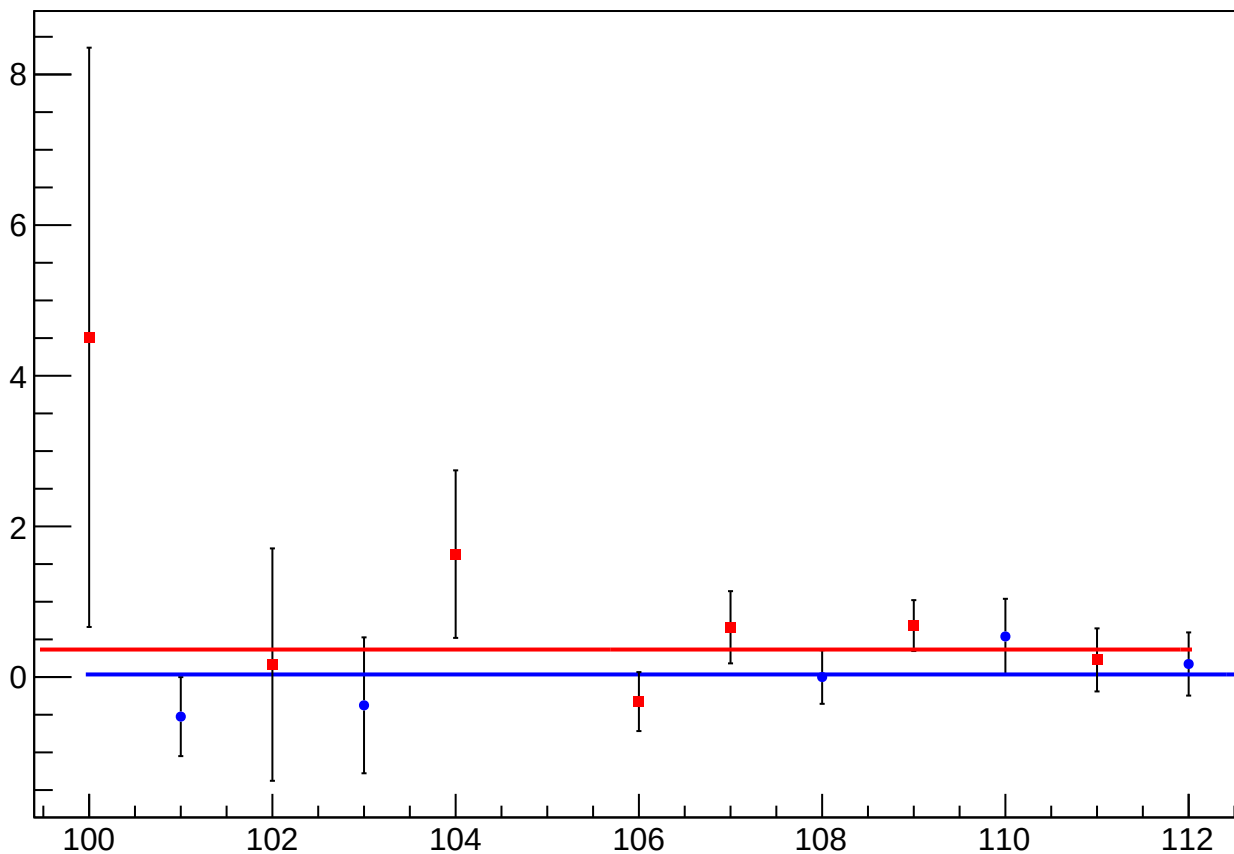
Right: 0.000+/-0.000 χ^2/NDF : 1081214.3/11

In: 0.000+/-0.000 χ^2/NDF : 499073.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1081214.3/11

asym_at2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035 $\pm$ 0.211 χ^2 /NDF: 2.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.365 $\pm$ 0.194 χ^2 /NDF: 7.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

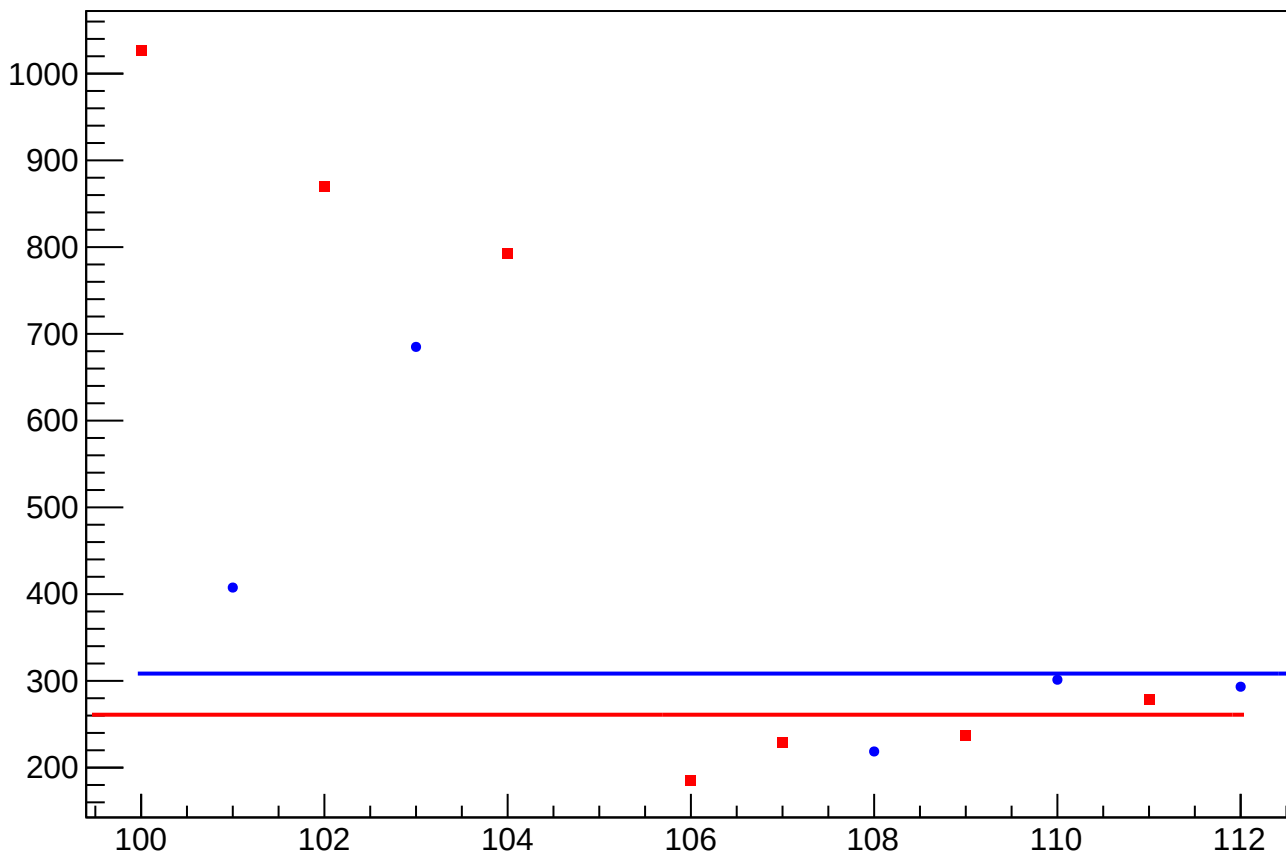
Right: 0.214 $\pm$ 0.143 χ^2 /NDF: 10.8/11

In: 0.035 $\pm$ 0.211 χ^2 /NDF:2.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.214 $\pm$ 0.143 χ^2 /NDF: 10.8/11

asym_at2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 308.412+/-0.149 χ^2/NDF : 550255.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 260.996+/-0.137 χ^2/NDF : 945576.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

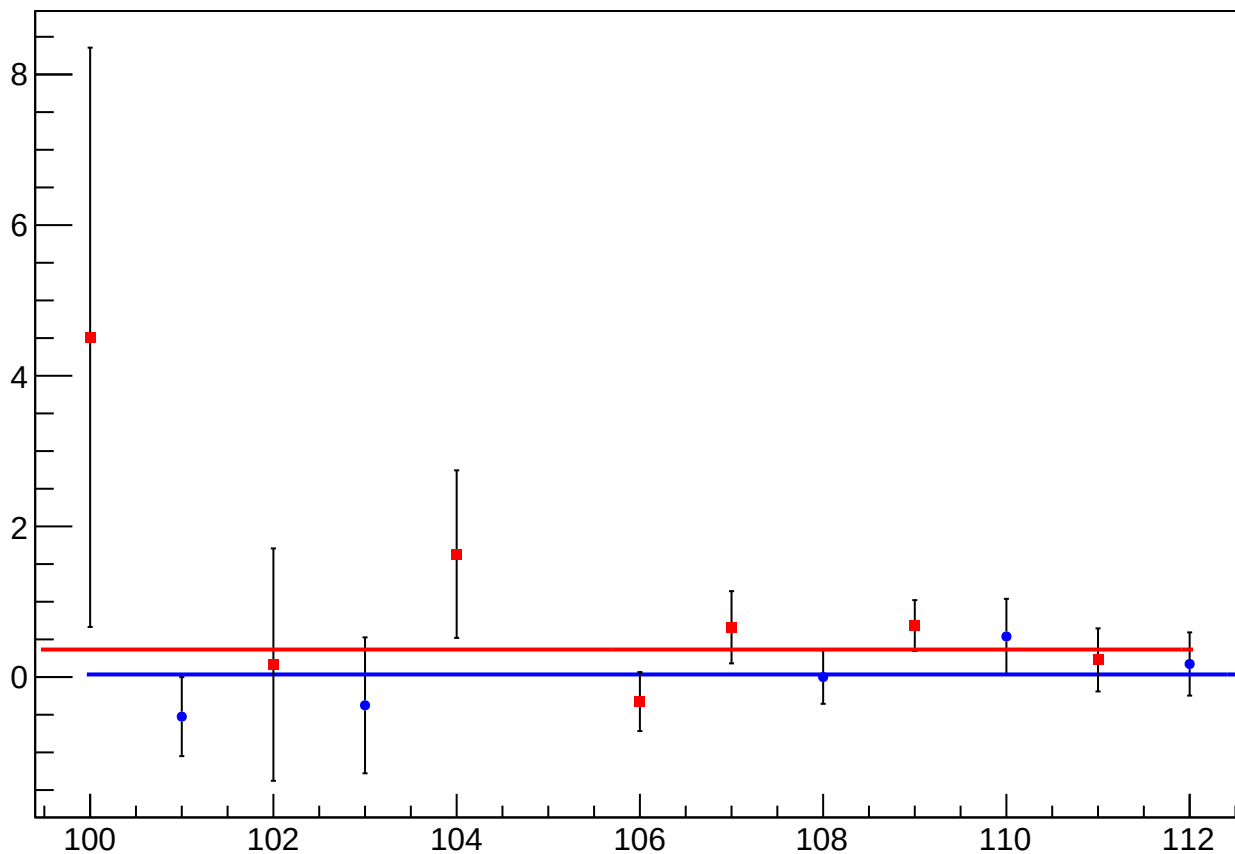
Right: 282.678+/-0.101 χ^2/NDF : 1550612.0/11

In: 308.412+/-0.149 χ^2/NDF : 550255.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 282.678+/-0.101 χ^2/NDF : 1550612.0/11

asym_at2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035 $\pm$ 0.211 χ^2 /NDF: 2.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.365 $\pm$ 0.194 χ^2 /NDF: 7.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

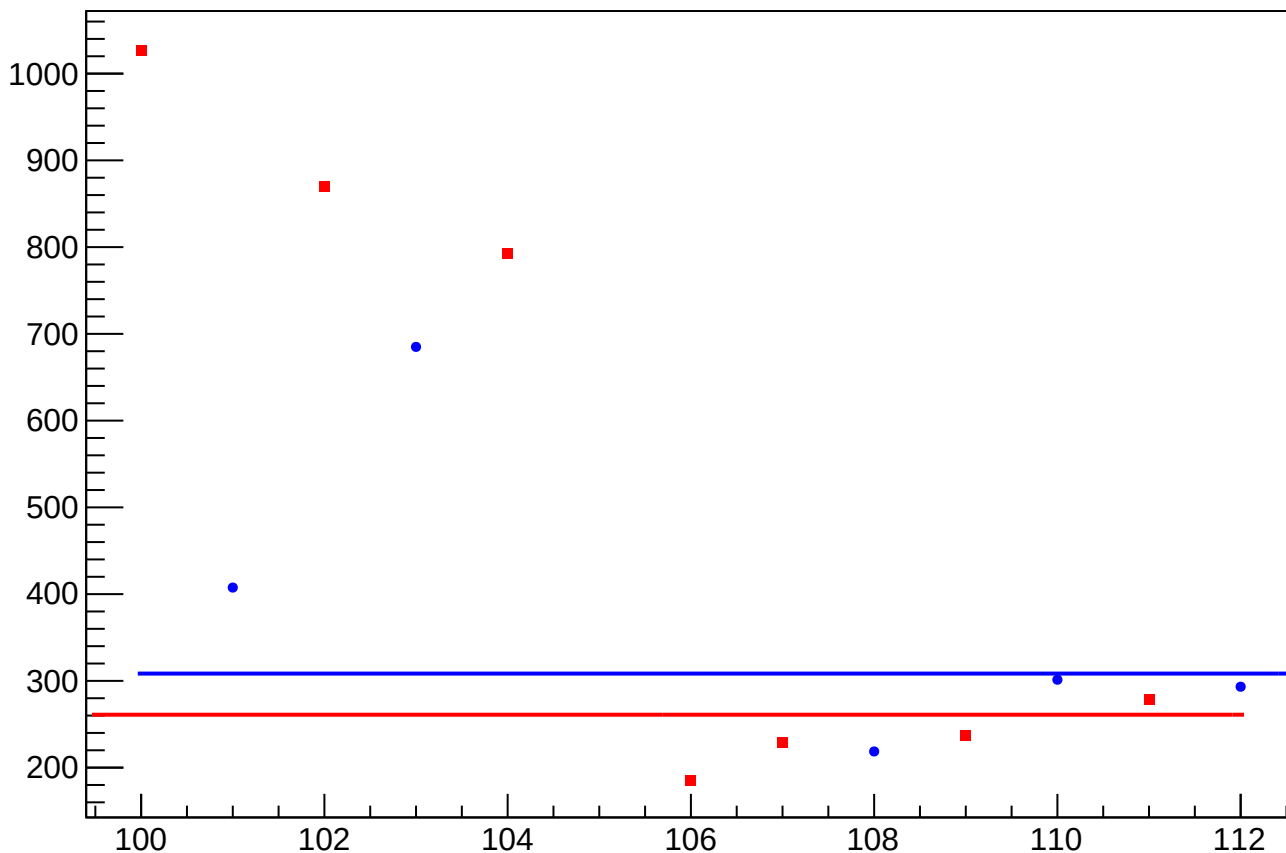
Right: 0.214 $\pm$ 0.143 χ^2 /NDF: 10.8/11

In: 0.035 $\pm$ 0.211 χ^2 /NDF:2.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.214 $\pm$ 0.143 χ^2 /NDF: 10.8/11

asym_at2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 308.412+/-0.149 χ^2/NDF : 550255.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 260.996+/-0.137 χ^2/NDF : 945576.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

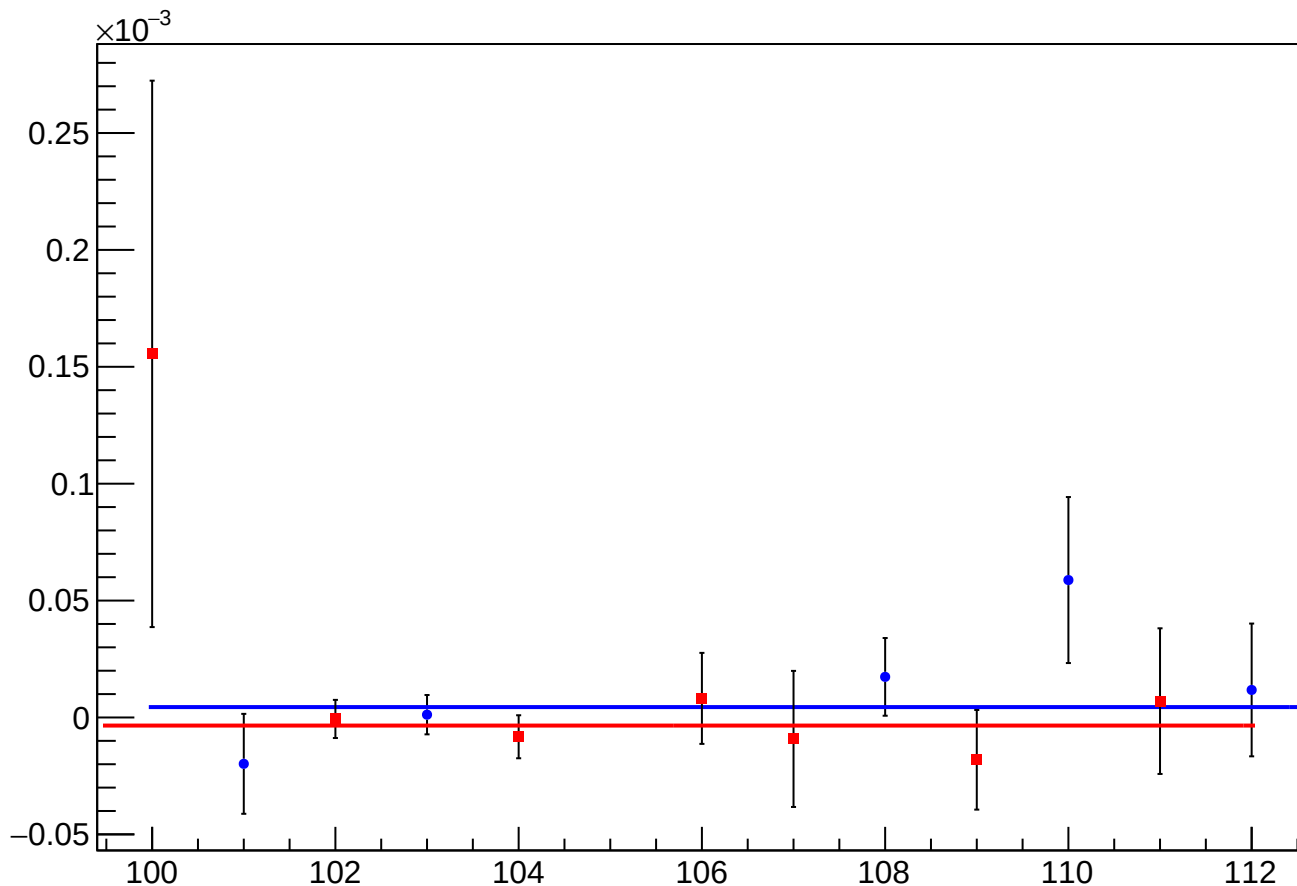
Right: 282.678+/-0.101 χ^2/NDF : 1550612.0/11

In: 308.412+/-0.149 χ^2/NDF : 550255.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 282.678+/-0.101 χ^2/NDF : 1550612.0/11

asym_at2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

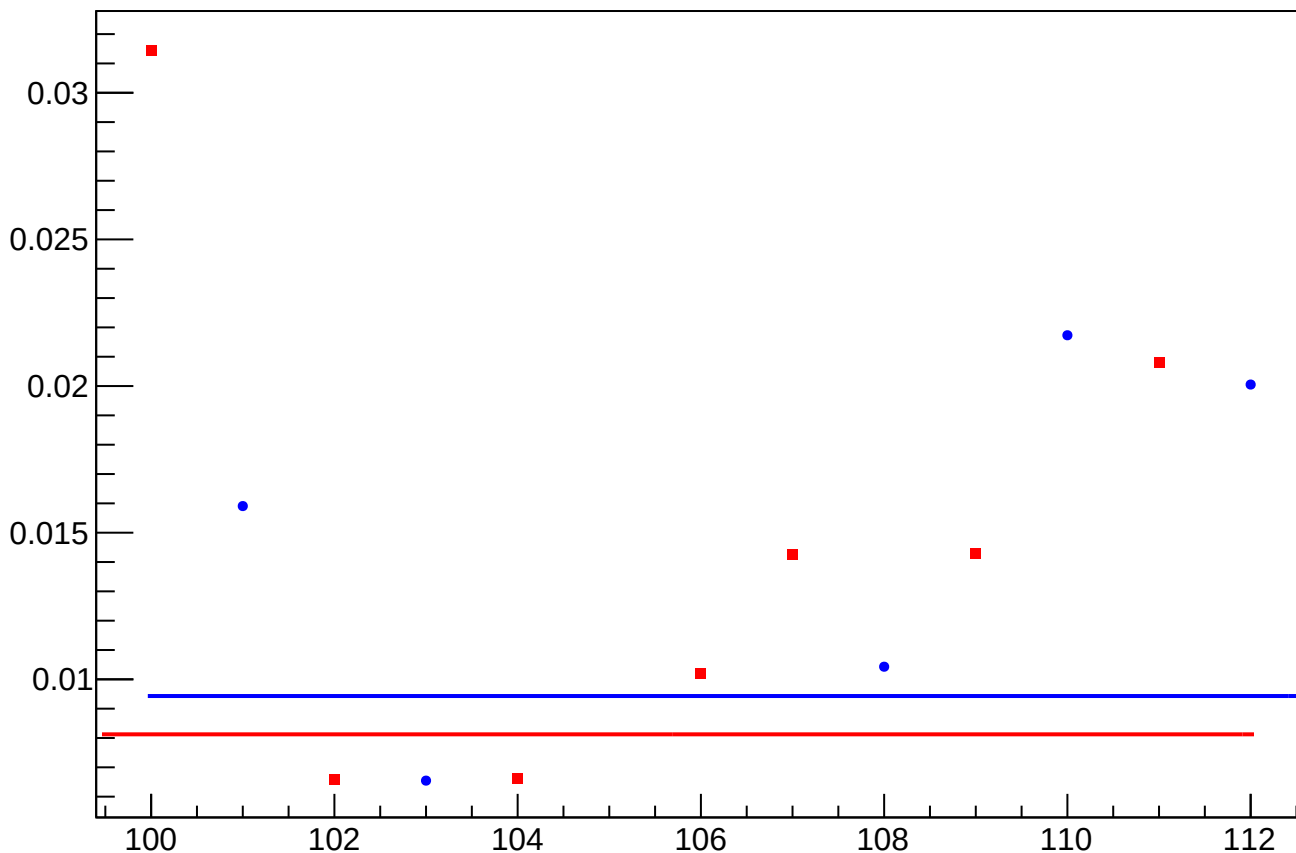
Right: -0.000+/-0.000 χ^2/NDF : 8.5/11

In: 0.000+/-0.000 χ^2/NDF : 4.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.5/11

asym_at2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 945719.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 815751.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

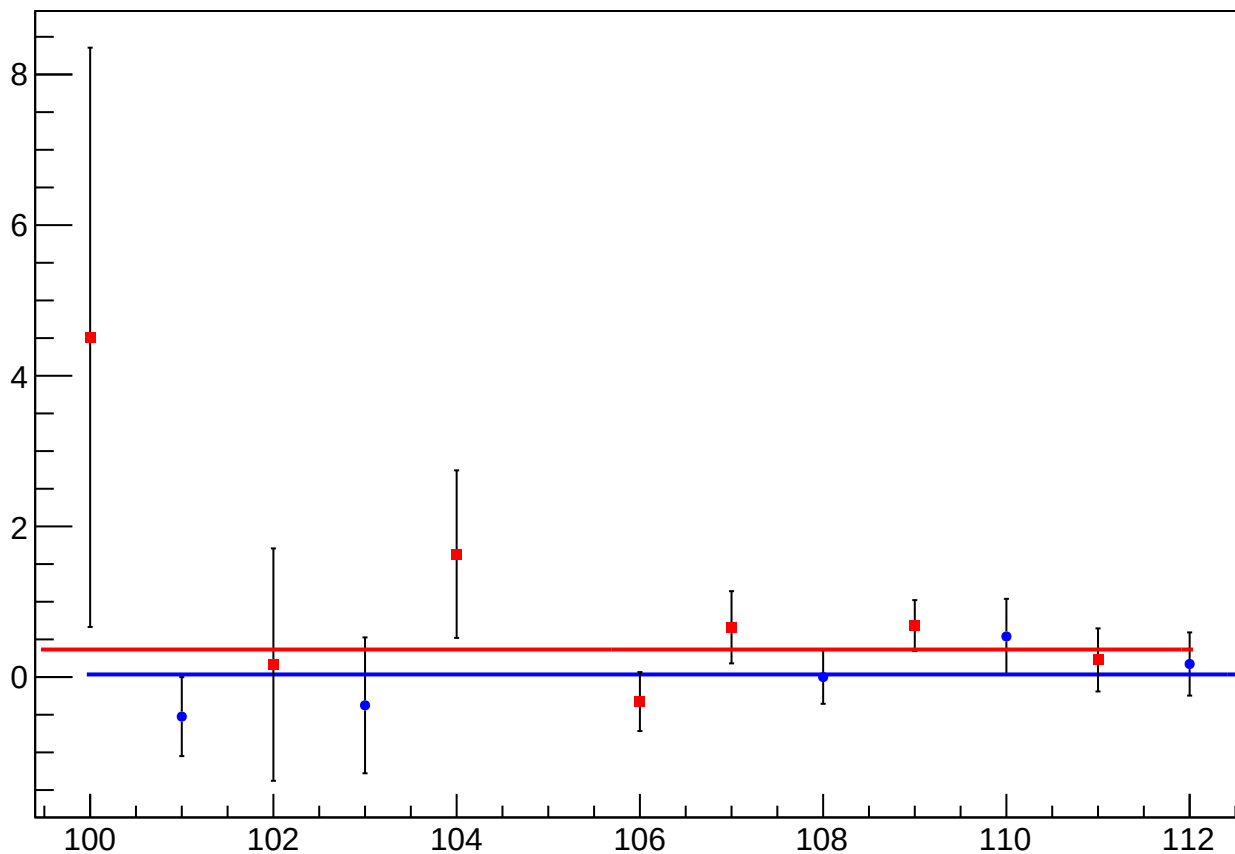
Right: 0.009+/-0.000 χ^2/NDF : 1806975.1/11

In: 0.009+/-0.000 χ^2/NDF : 945719.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 1806975.1/11

asym_at2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035 $\pm$ 0.211 χ^2 /NDF: 2.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.365 $\pm$ 0.194 χ^2 /NDF: 7.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

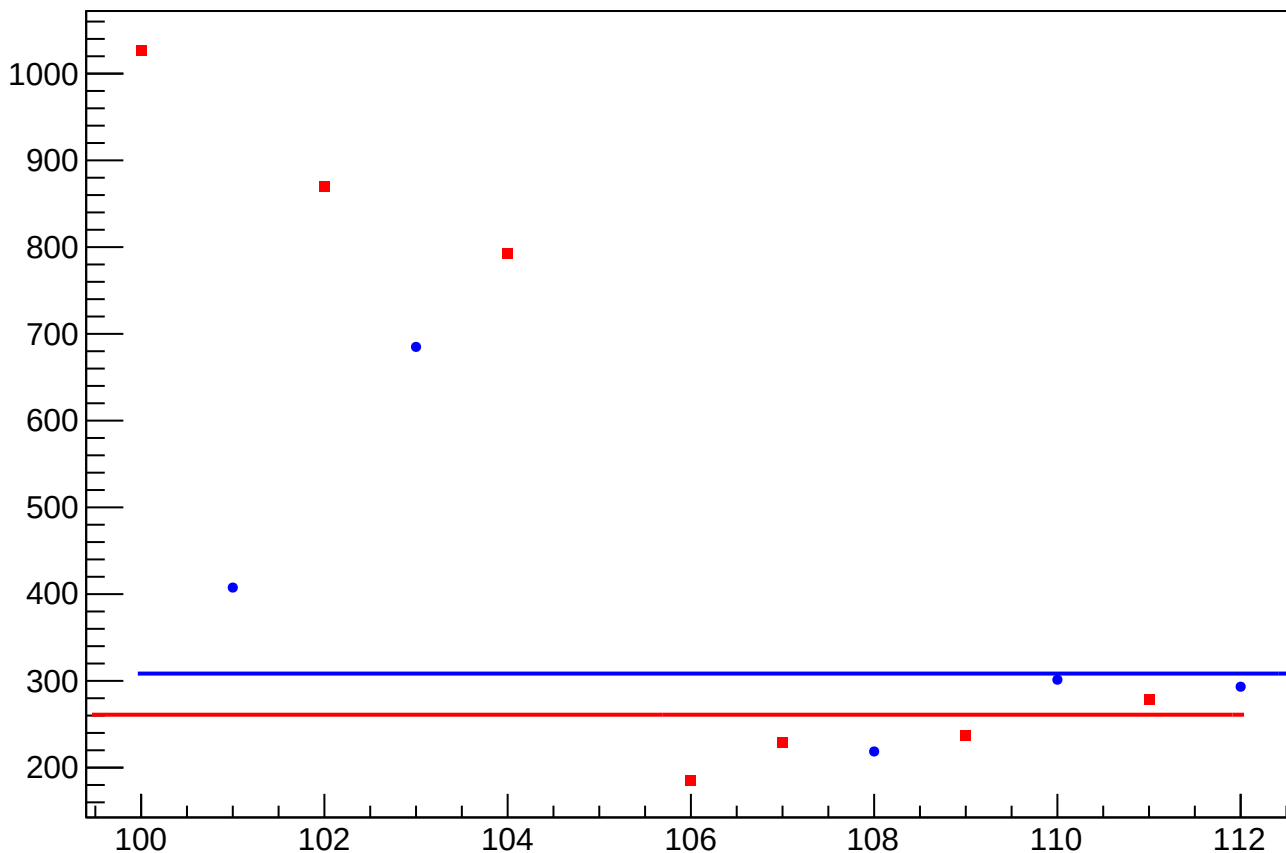
Right: 0.214 $\pm$ 0.143 χ^2 /NDF: 10.8/11

In: 0.035 $\pm$ 0.211 χ^2 /NDF:2.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.214 $\pm$ 0.143 χ^2 /NDF: 10.8/11

asym_at2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 308.417+/-0.149 χ^2/NDF : 550231.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 260.998+/-0.137 χ^2/NDF : 945578.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

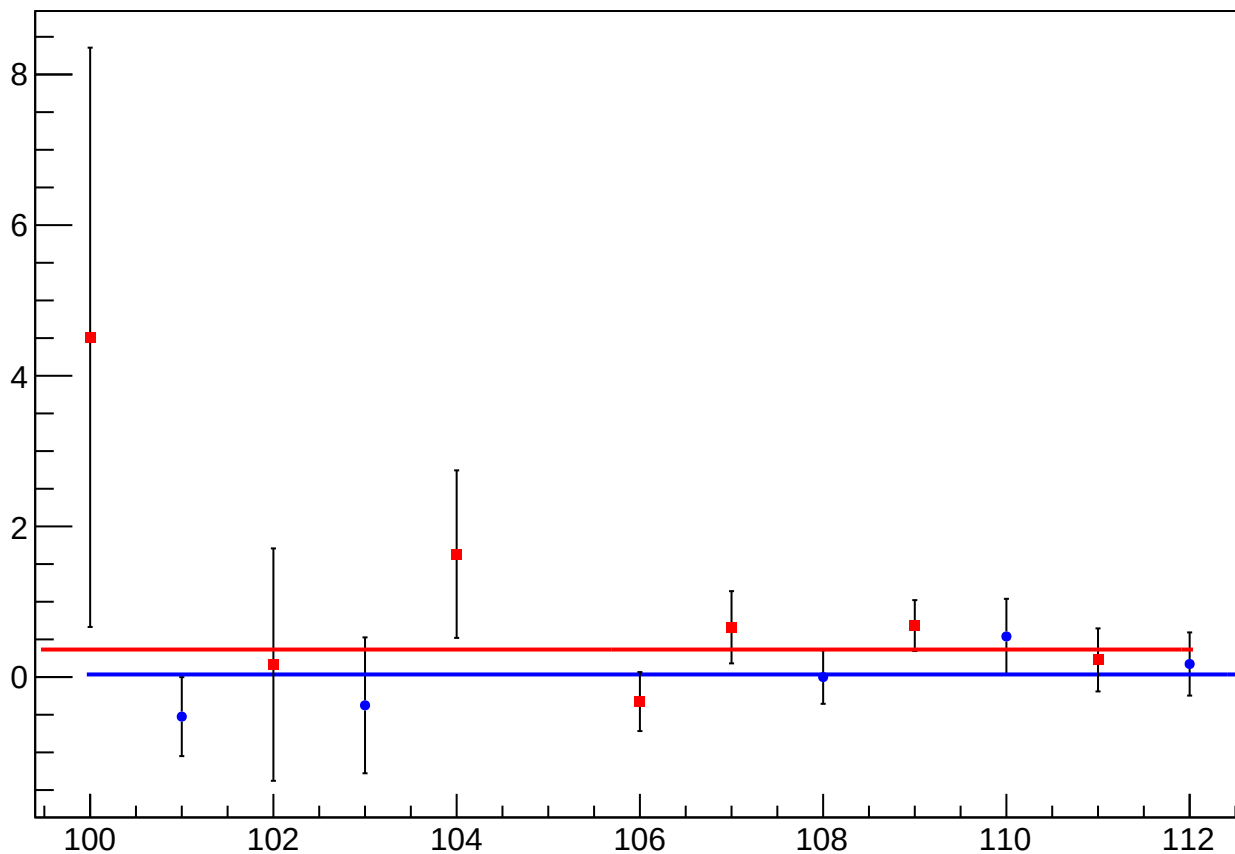
Right: 282.681+/-0.101 χ^2/NDF : 1550596.8/11

In: 308.417+/-0.149 χ^2/NDF : 550231.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 282.681+/-0.101 χ^2/NDF : 1550596.8/11

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035+/-0.211 χ^2/NDF : 2.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.365+/-0.194 χ^2/NDF : 7.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

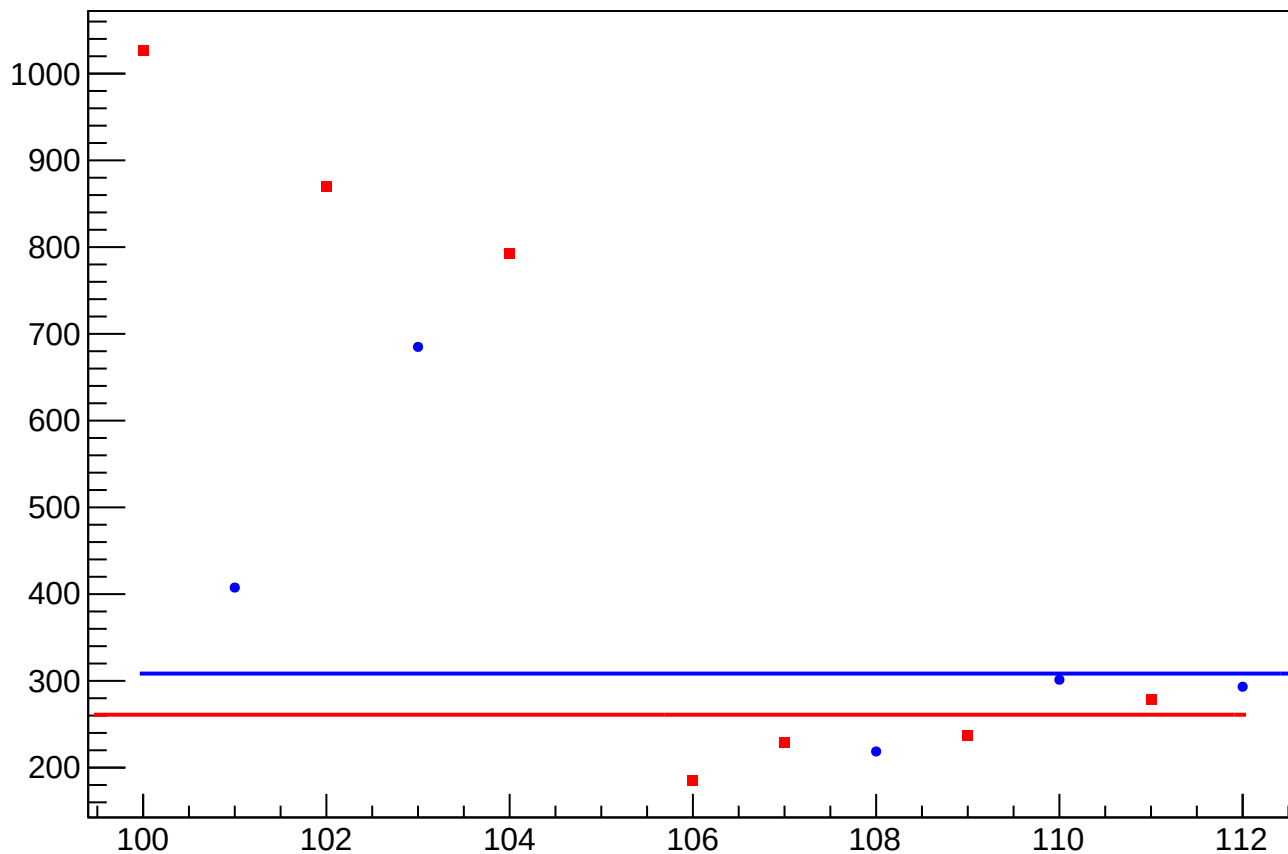
Right: 0.214+/-0.143 χ^2/NDF : 10.8/11

In: 0.035+/-0.211 χ^2/NDF : 2.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.214+/-0.143 χ^2/NDF : 10.8/11

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 308.417+/-0.149 χ^2/NDF : 550231.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 260.998+/-0.137 χ^2/NDF : 945578.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

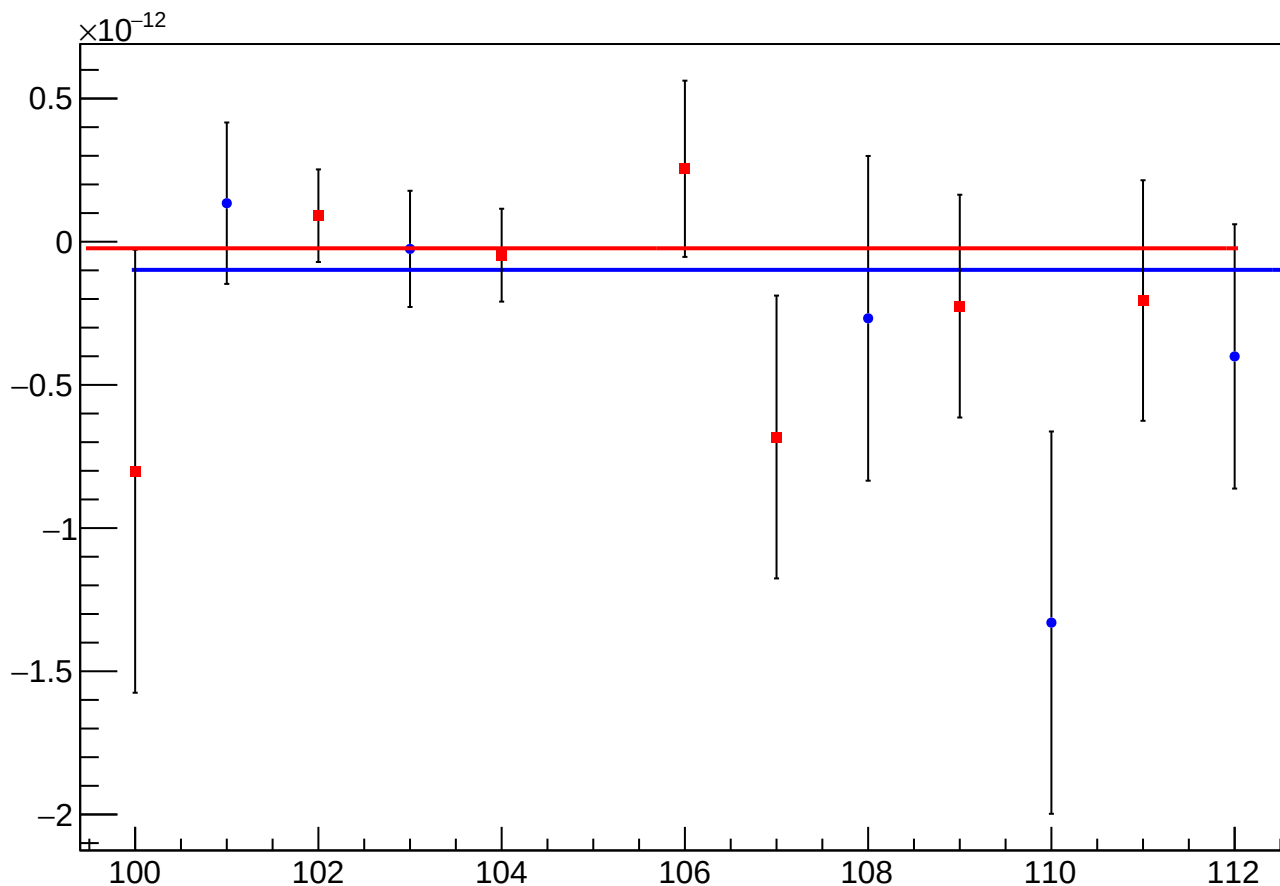
Right: 282.681+/-0.101 χ^2/NDF : 1550596.8/11

In: 308.417+/-0.149 χ^2/NDF : 550231.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 282.681+/-0.101 χ^2/NDF : 1550596.8/11

asym_at2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

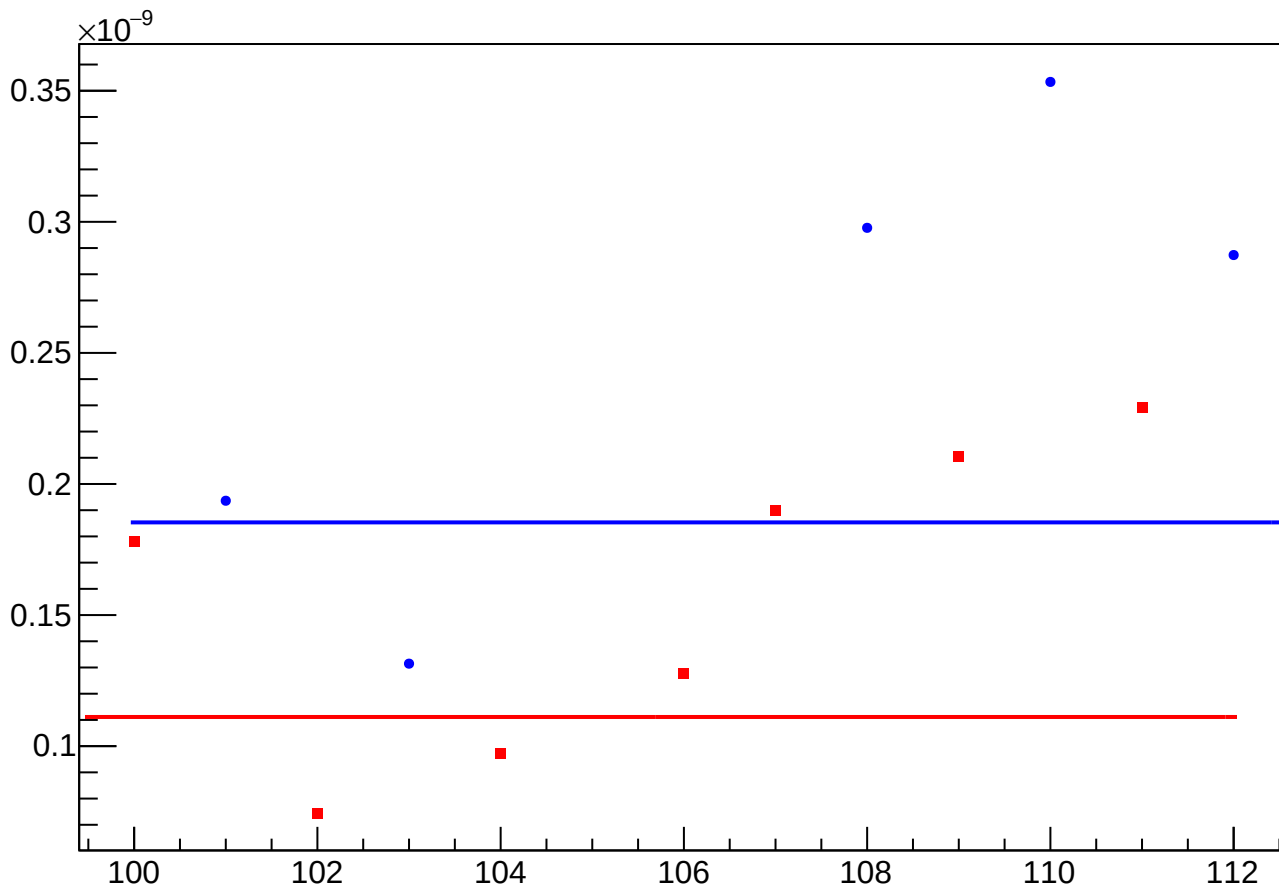
Right: -0.000+/-0.000 χ^2/NDF : 9.5/11

In: -0.000+/-0.000 χ^2/NDF : 4.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.5/11

asym_at2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 445786.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 477614.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

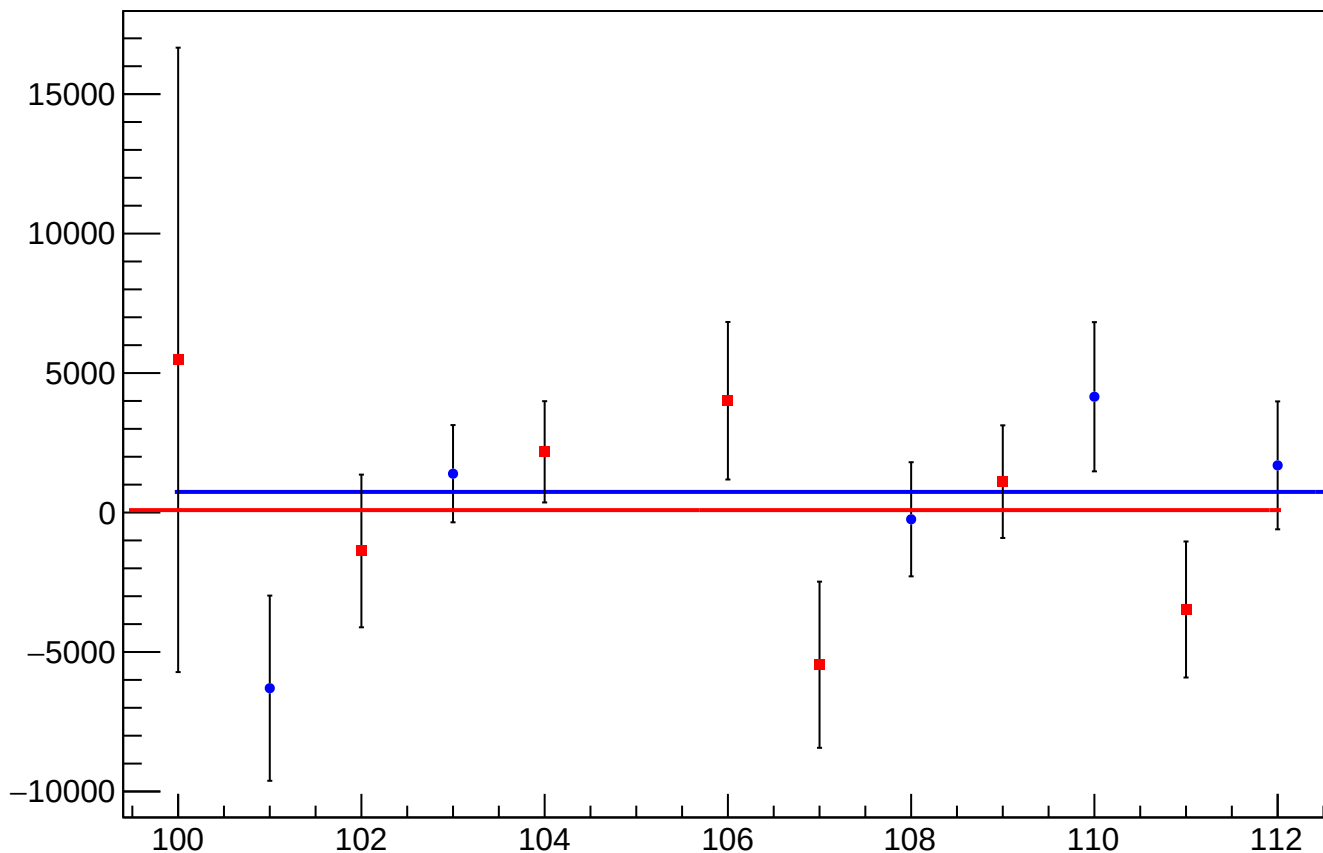
Right: 0.000+/-0.000 χ^2/NDF : 1280736.5/11

In: 0.000+/-0.000 χ^2/NDF : 445786.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1280736.5/11

reg_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 739.445+/-1005.659 χ^2/NDF : 6.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.797+/-954.935 χ^2/NDF : 9.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

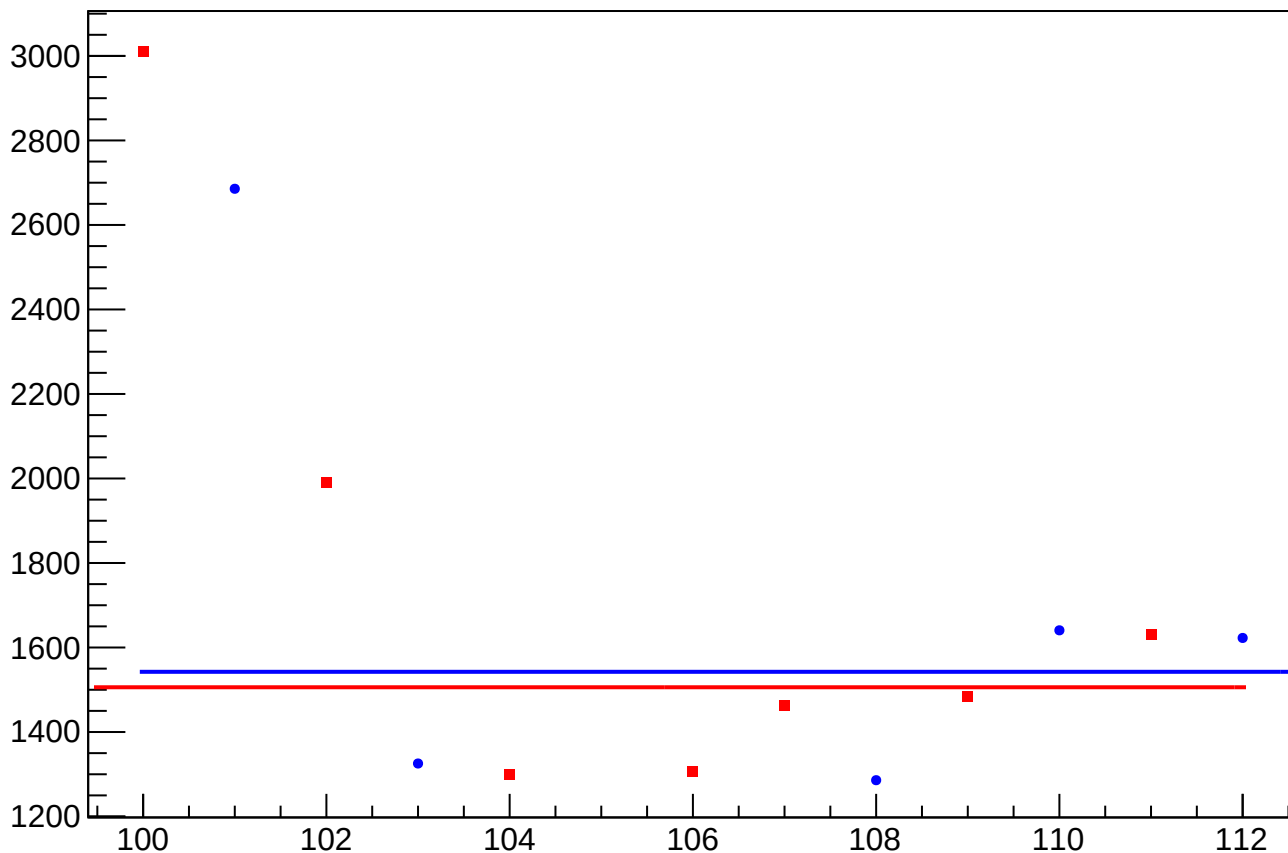
Right: 396.247+/-692.479 χ^2/NDF : 16.5/11

In: 739.445+/-1005.659 χ^2/NDF : 6.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 396.247+/-692.479 χ^2/NDF : 16.5/11

reg_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1542.484+/-0.711 χ^2/NDF : 304716.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1505.900+/-0.675 χ^2/NDF : 140098.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

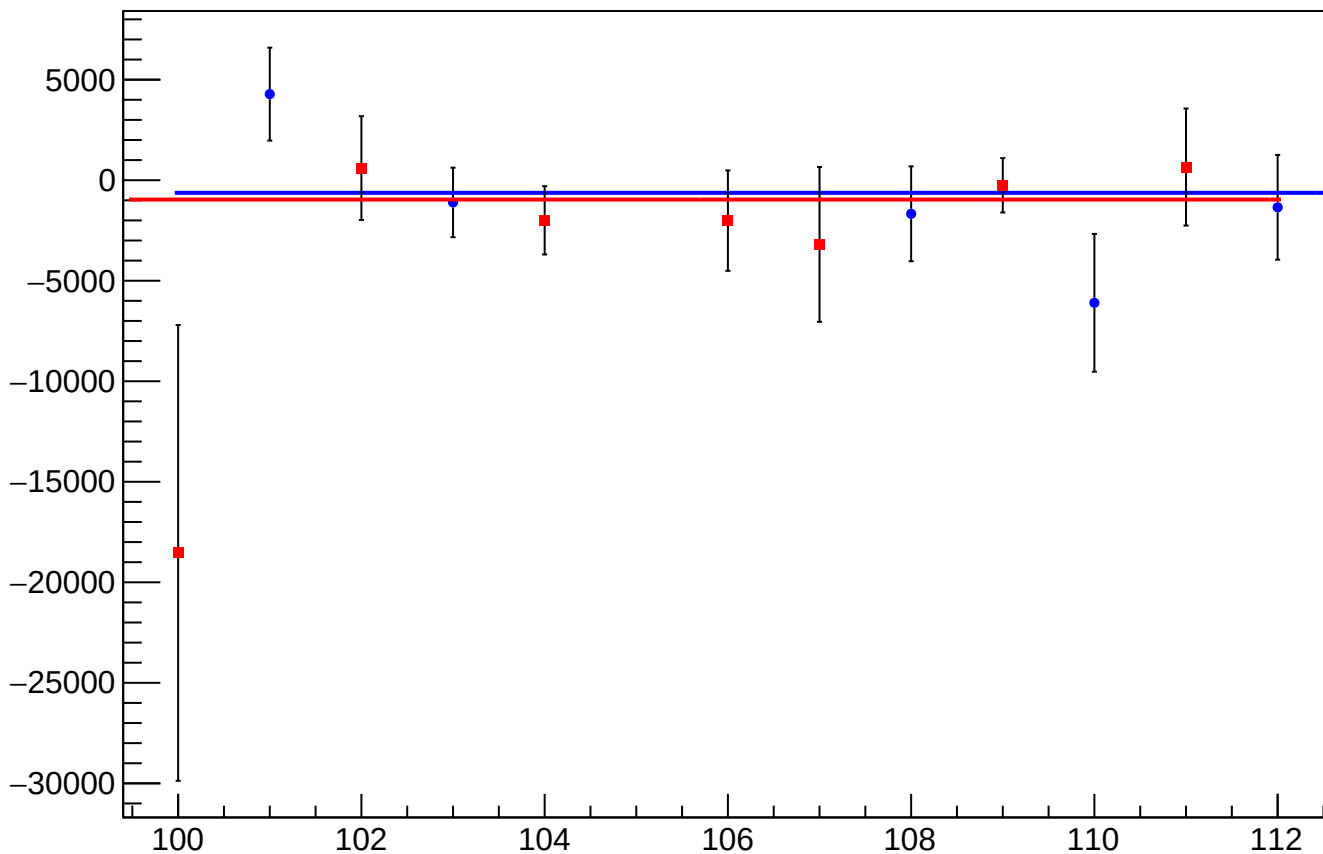
Right: 1523.246+/-0.490 χ^2/NDF : 446206.7/11

In: 1542.484+/-0.711 χ^2/NDF : 304716.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1523.246+/-0.490 χ^2/NDF : 446206.7/11

asym_at2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -628.545+/-1034.523 χ^2/NDF : 7.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -962.388+/-846.041 χ^2/NDF : 4.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

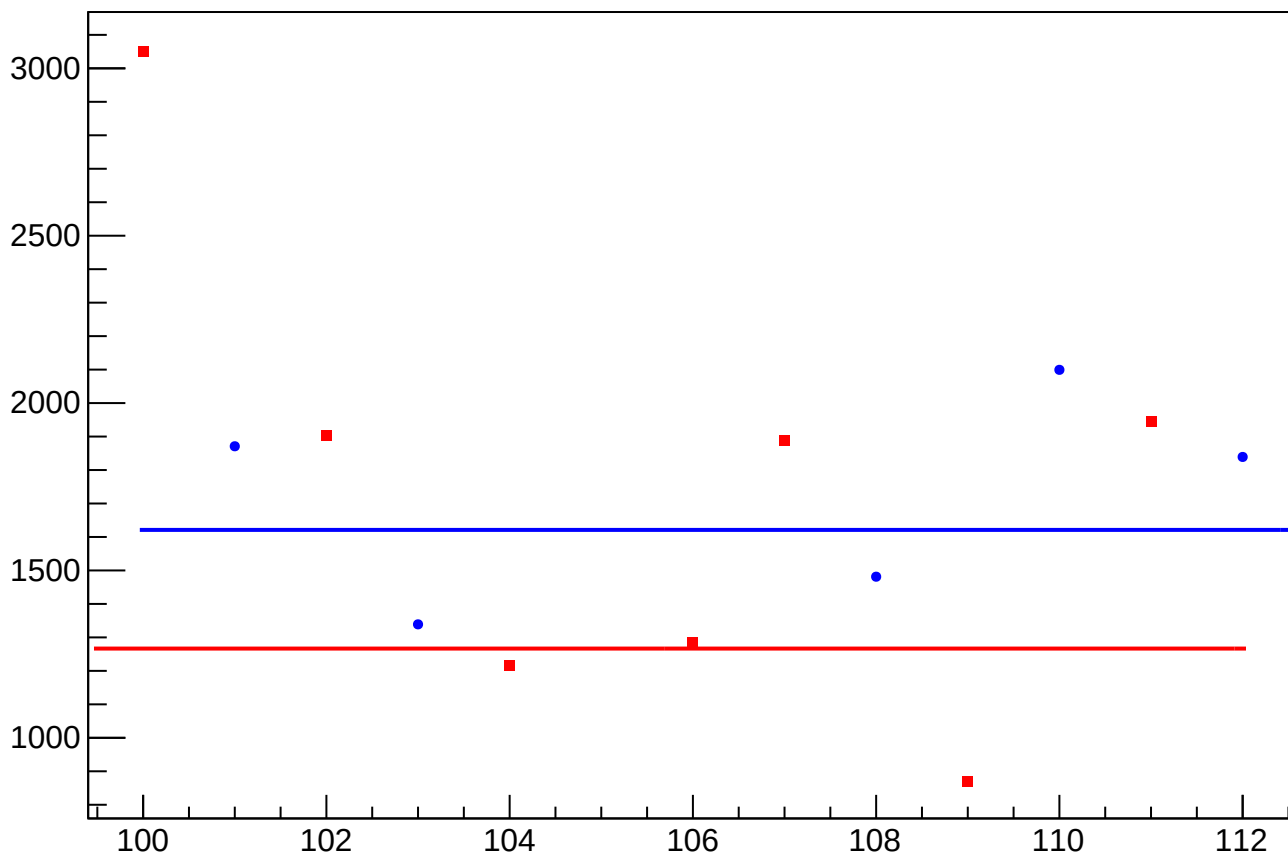
Right: -828.594+/-654.920 χ^2/NDF : 11.7/11

In: -628.545+/-1034.523 χ^2/NDF : 7.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -828.594+/-654.920 χ^2/NDF : 11.7/11

asym_at2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1621.121+/-0.732 χ^2/NDF : 136696.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1266.623+/-0.598 χ^2/NDF : 506400.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

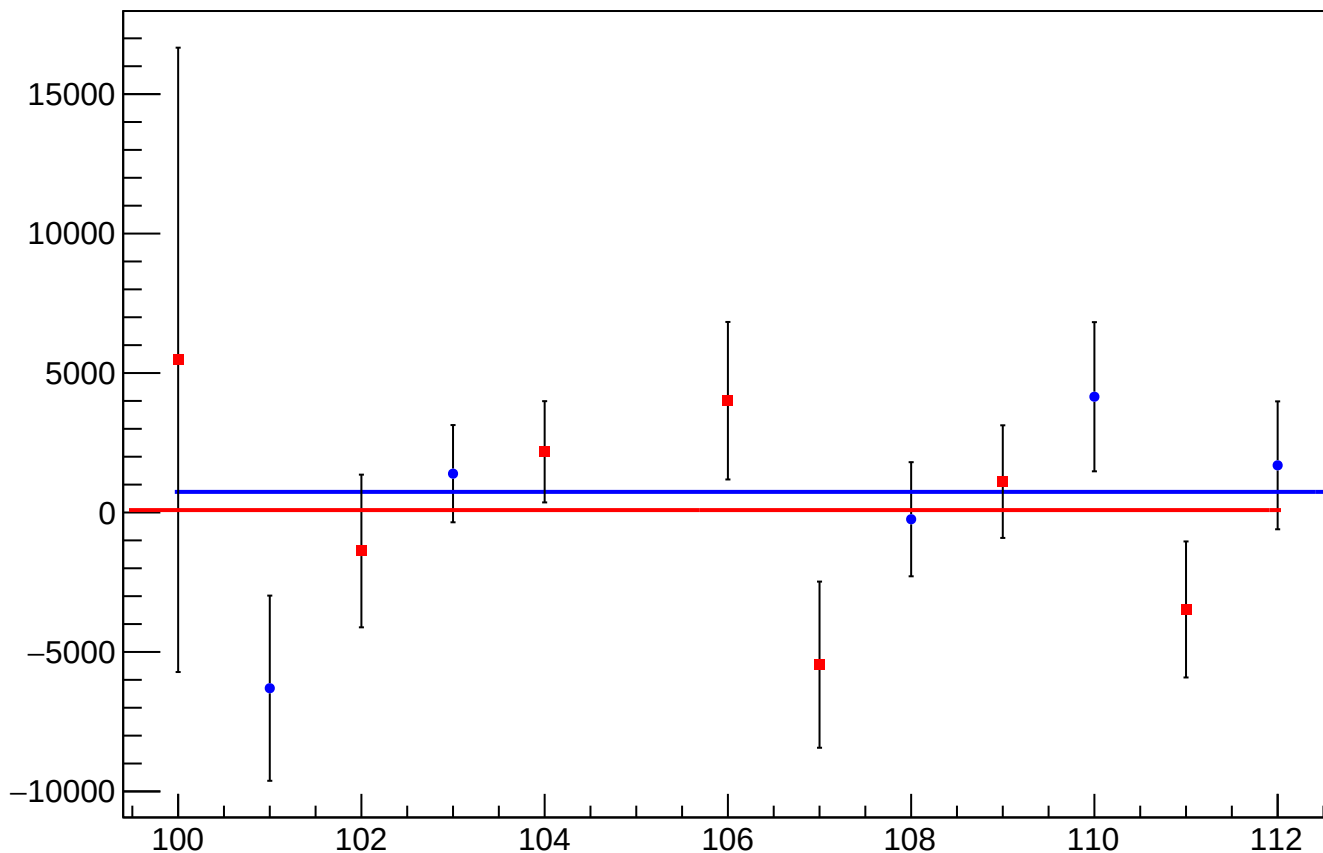
Right: 1408.695+/-0.463 χ^2/NDF : 783821.5/11

In: 1621.121+/-0.732 χ^2/NDF : 136696.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1408.695+/-0.463 χ^2/NDF : 783821.5/11

cor_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 739.153+/-1005.659 χ^2/NDF : 6.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.324+/-954.935 χ^2/NDF : 9.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

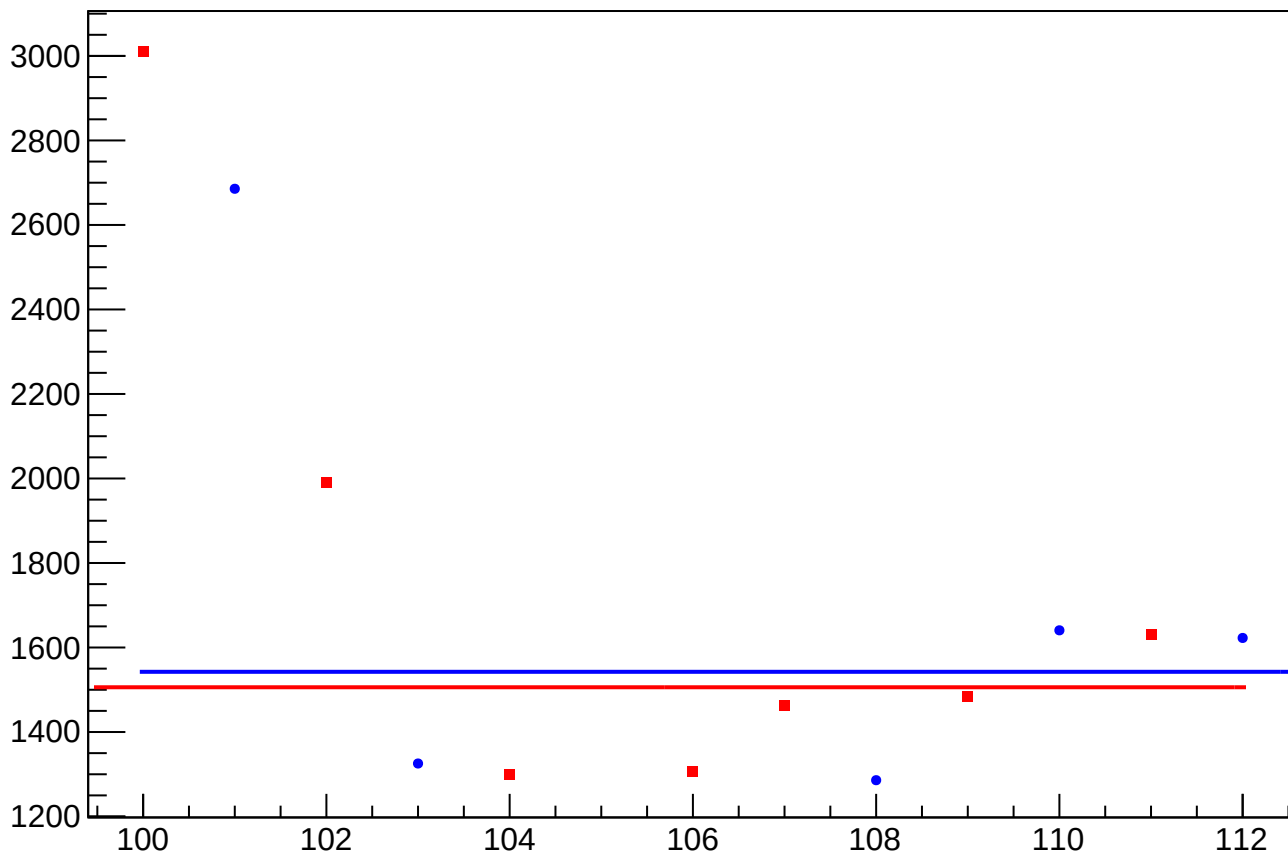
Right: 395.860+/-692.479 χ^2/NDF : 16.5/11

In: 739.153+/-1005.659 χ^2/NDF : 6.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 395.860+/-692.479 χ^2/NDF : 16.5/11

cor_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1542.484+/-0.711 χ^2/NDF : 304716.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1505.899+/-0.675 χ^2/NDF : 140097.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

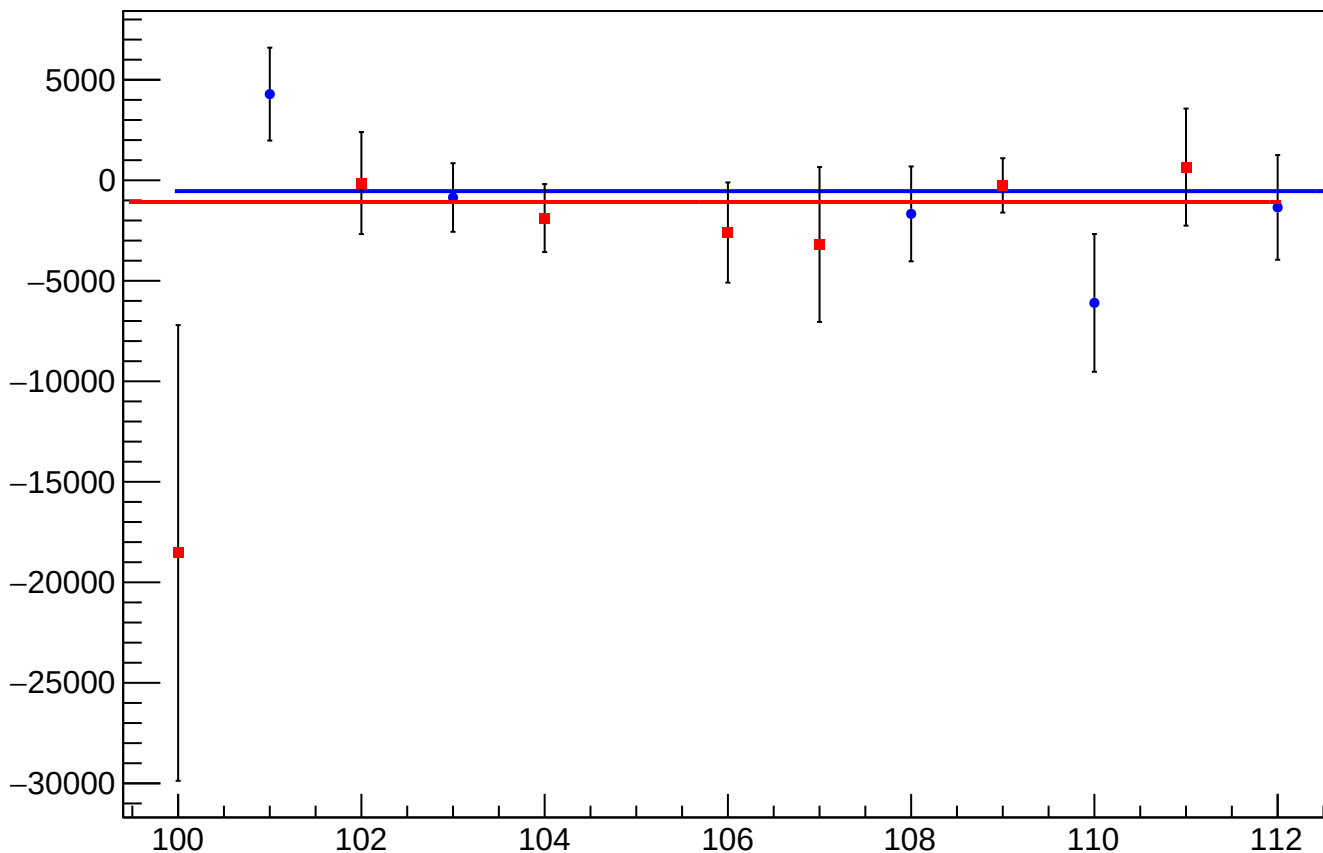
Right: 1523.246+/-0.490 χ^2/NDF : 446206.5/11

In: 1542.484+/-0.711 χ^2/NDF : 304716.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1523.246+/-0.490 χ^2/NDF : 446206.5/11

asym_at2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -539.752+/-1029.840 χ^2/NDF : 7.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1079.918+/-843.351 χ^2/NDF : 4.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

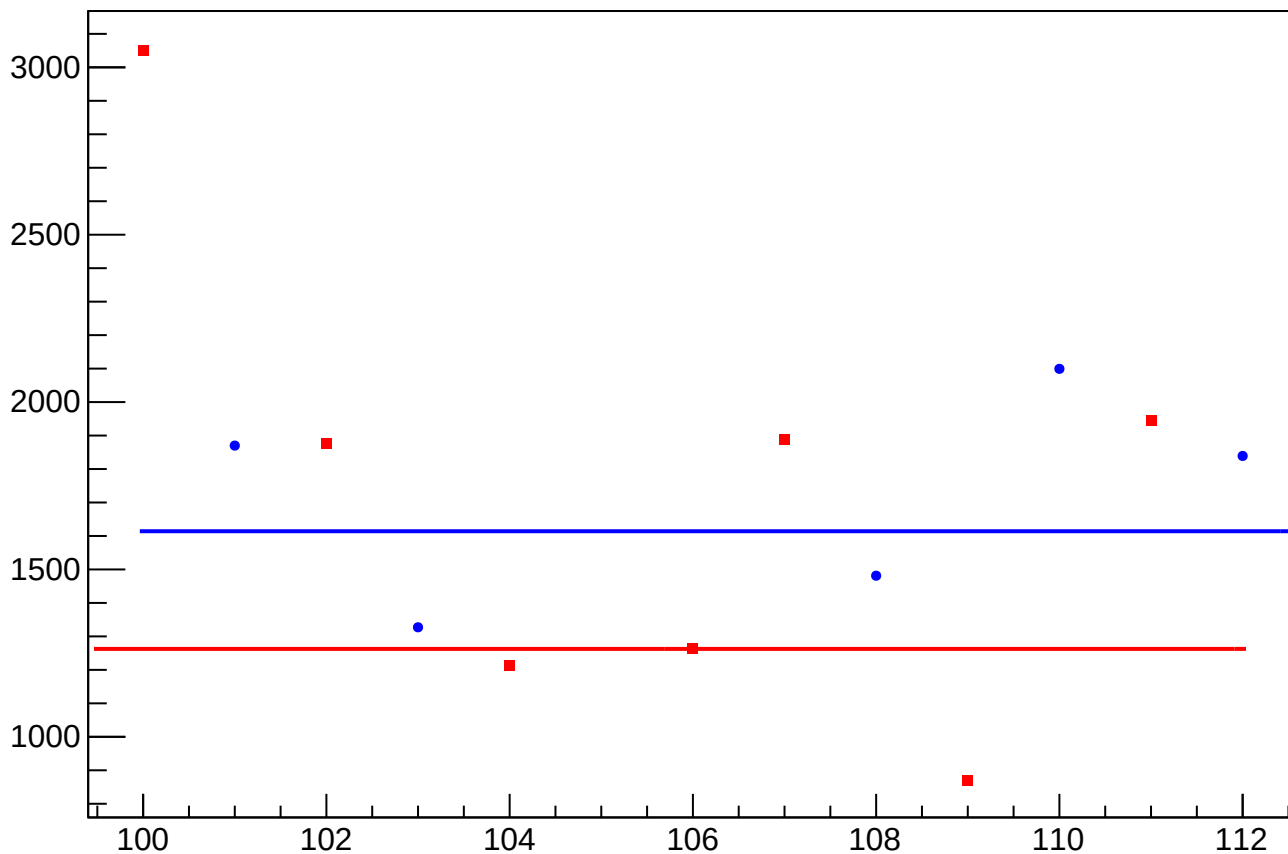
Right: -863.084+/-652.483 χ^2/NDF : 11.7/11

In: -539.752+/-1029.840 χ^2/NDF : 7.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -863.084+/-652.483 χ^2/NDF : 11.7/11

asym_at2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1614.187+/-0.728 χ^2/NDF : 142438.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1262.661+/-0.596 χ^2/NDF : 499347.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

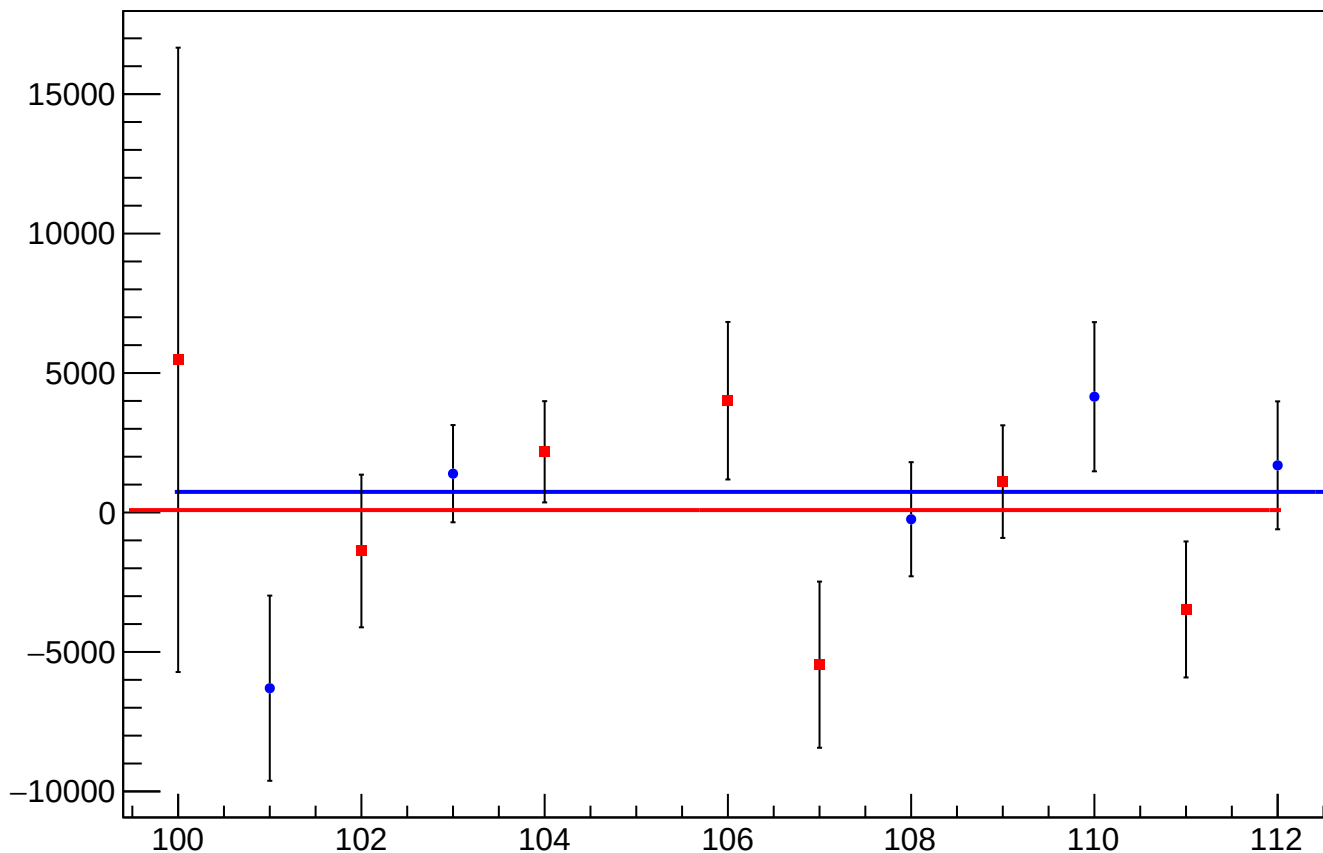
Right: 1403.771+/-0.461 χ^2/NDF : 781271.2/11

In: 1614.187+/-0.728 χ^2/NDF : 142438.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1403.771+/-0.461 χ^2/NDF : 781271.2/11

eigen_cor_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 739.153+/-1005.659 χ^2/NDF : 6.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.324+/-954.935 χ^2/NDF : 9.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

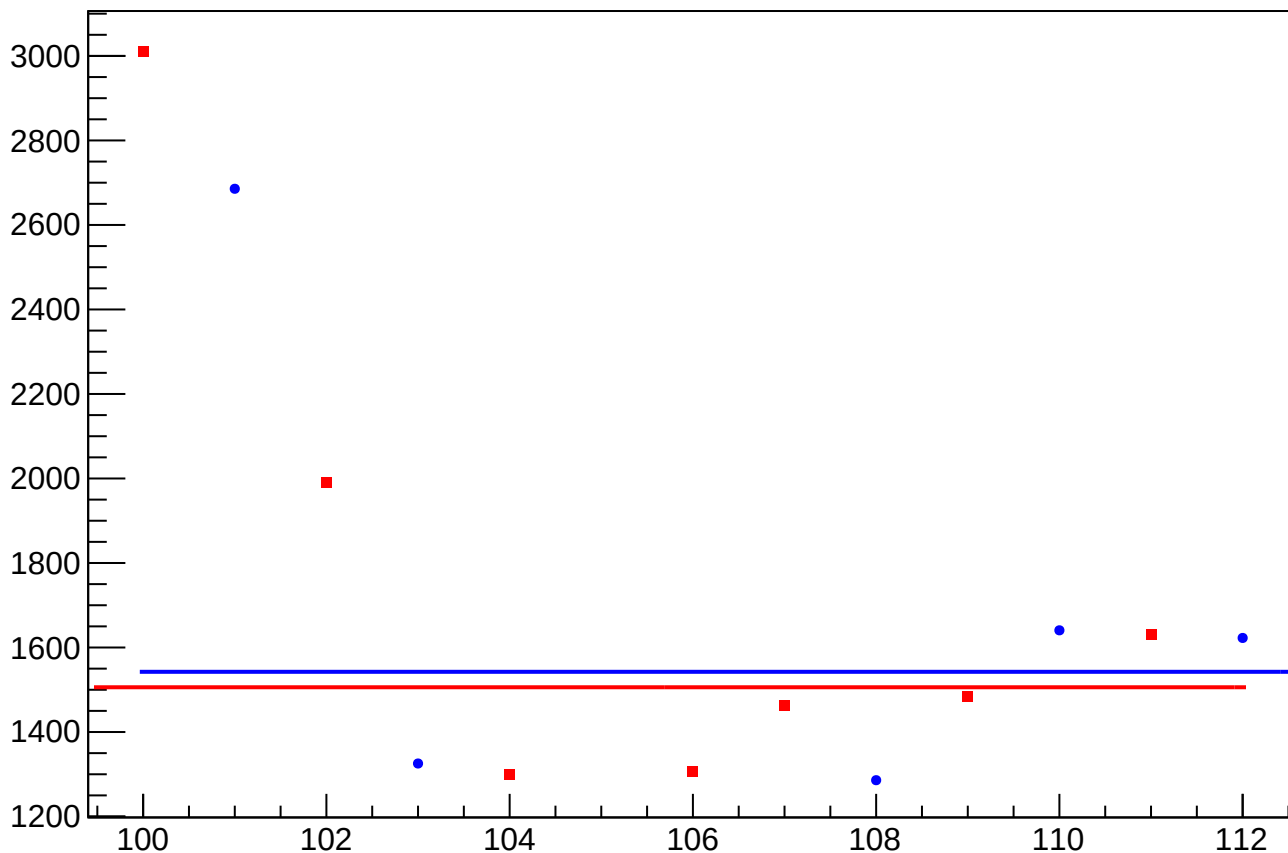
Right: 395.860+/-692.479 χ^2/NDF : 16.5/11

In: 739.153+/-1005.659 χ^2/NDF : 6.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 395.860+/-692.479 χ^2/NDF : 16.5/11

eigen_cor_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1542.484+/-0.711 χ^2/NDF : 304716.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1505.899+/-0.675 χ^2/NDF : 140097.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

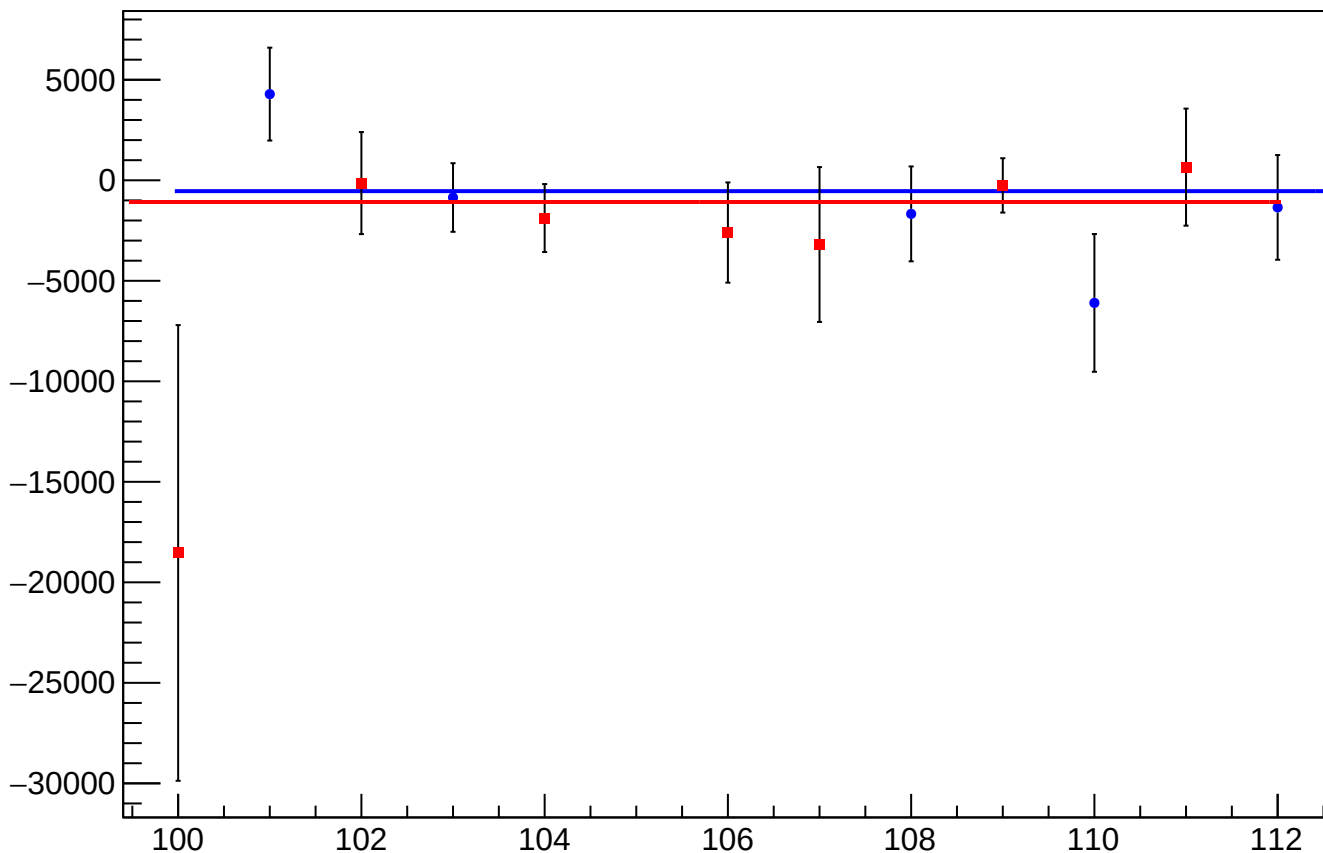
Right: 1523.246+/-0.490 χ^2/NDF : 446206.5/11

In: 1542.484+/-0.711 χ^2/NDF : 304716.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1523.246+/-0.490 χ^2/NDF : 446206.5/11

asym_at2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -539.752+/-1029.840 χ^2/NDF : 7.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1079.918+/-843.351 χ^2/NDF : 4.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

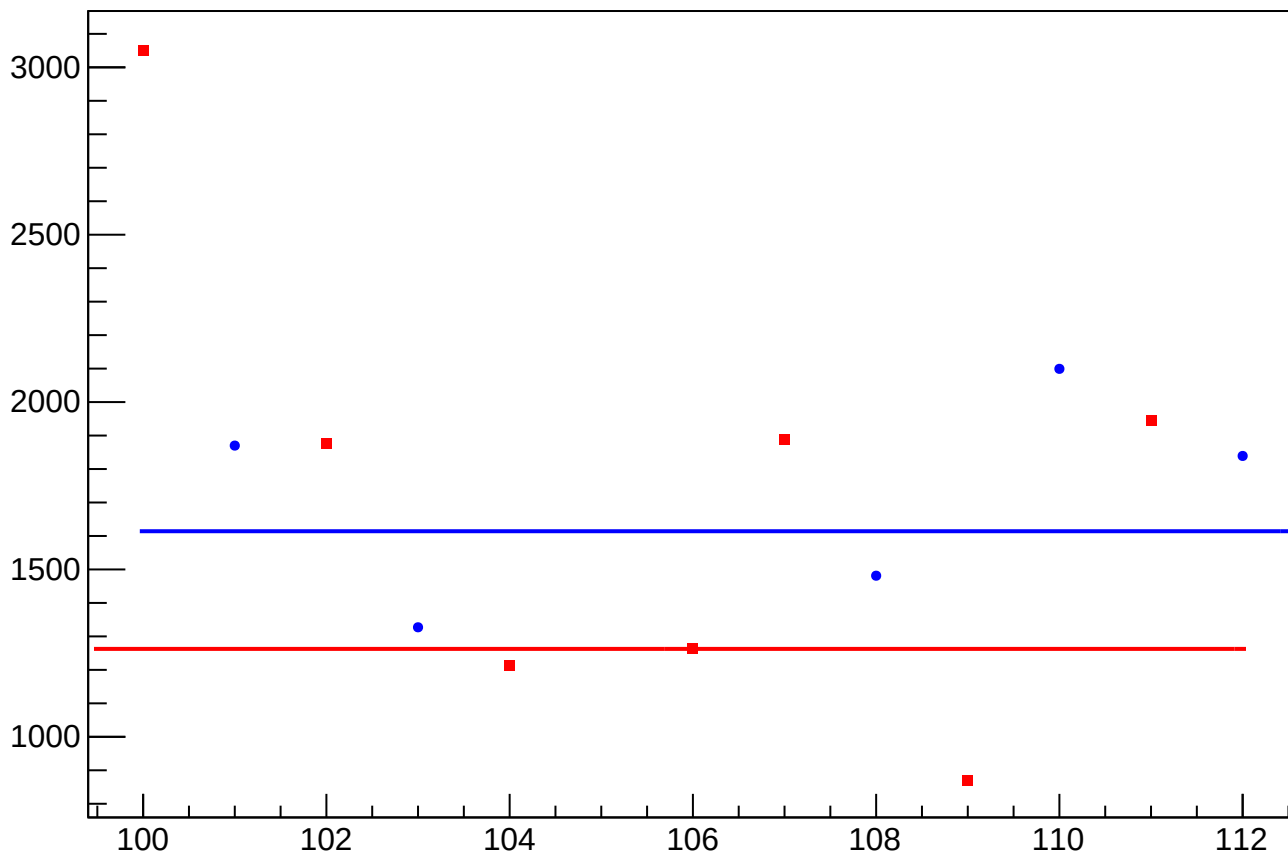
Right: -863.084+/-652.483 χ^2/NDF : 11.7/11

In: -539.752+/-1029.840 χ^2/NDF : 7.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -863.084+/-652.483 χ^2/NDF : 11.7/11

asym_at2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1614.187+/-0.728 χ^2/NDF : 142438.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1262.661+/-0.596 χ^2/NDF : 499347.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

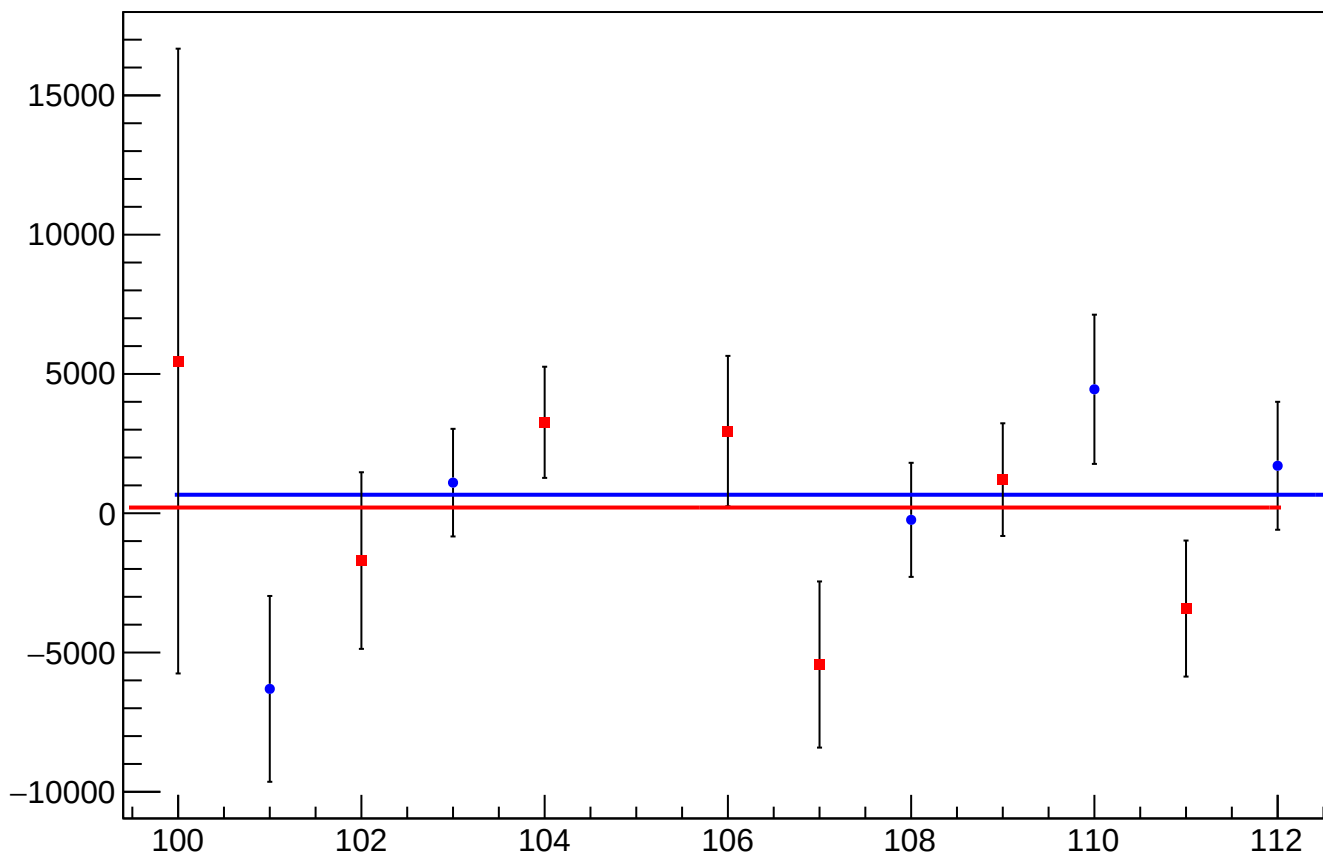
Right: 1403.771+/-0.461 χ^2/NDF : 781271.2/11

In: 1614.187+/-0.728 χ^2/NDF : 142438.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1403.771+/-0.461 χ^2/NDF : 781271.2/11

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 663.786+/-1039.505 χ^2/NDF : 6.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 205.205+/-989.933 χ^2/NDF : 10.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

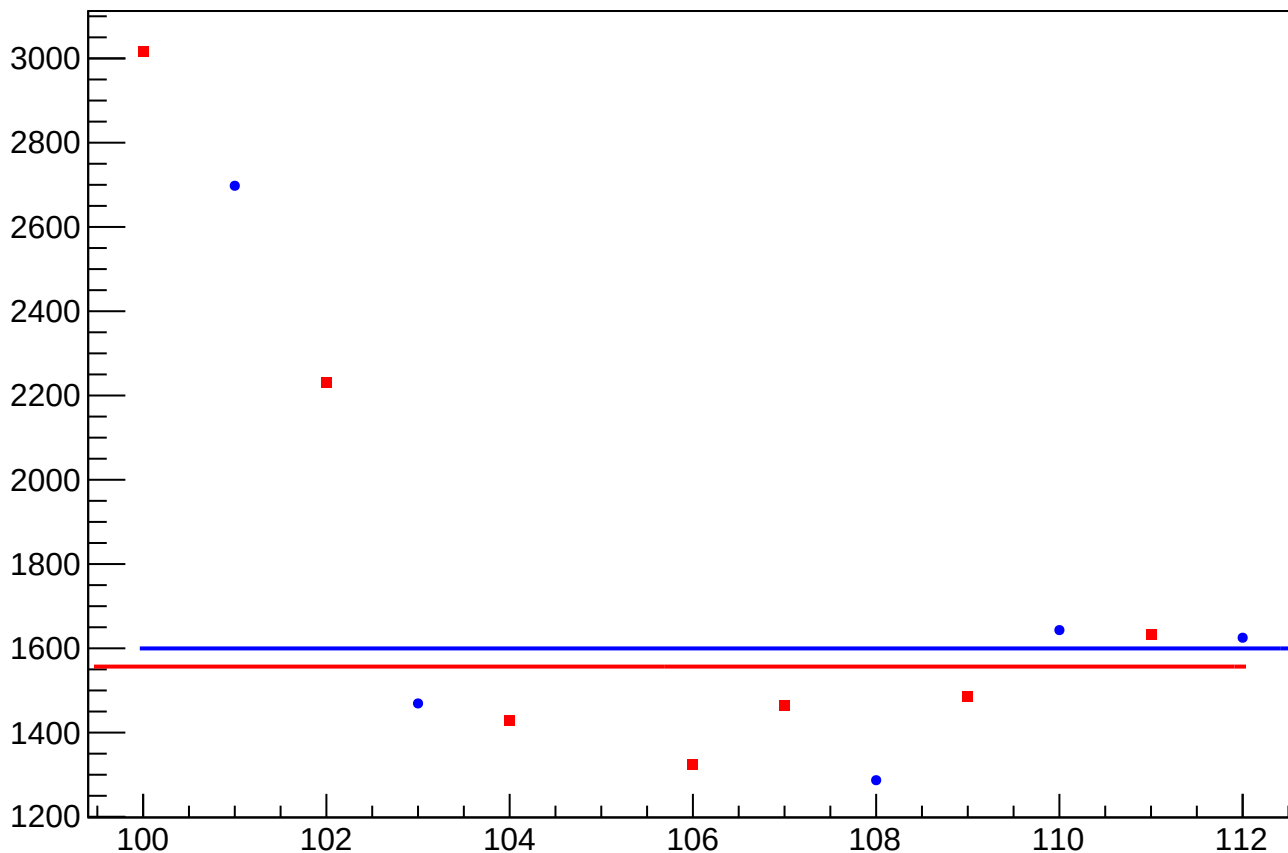
Right: 423.301+/-716.873 χ^2/NDF : 16.9/11

In: 663.786+/-1039.505 χ^2/NDF : 6.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 423.301+/-716.873 χ^2/NDF : 16.9/11

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1599.759+/-0.735 χ^2/NDF : 273309.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1556.656+/-0.700 χ^2/NDF : 153169.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

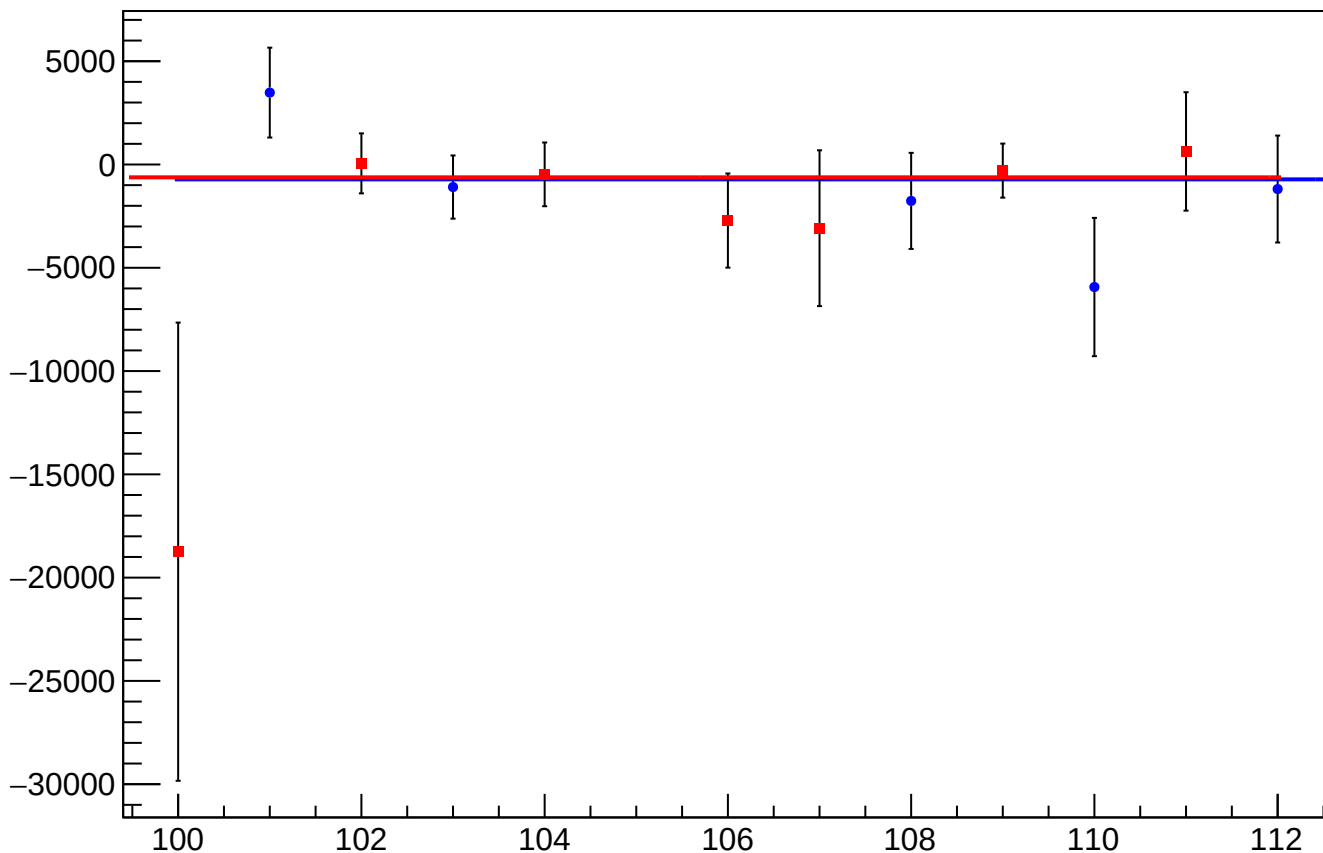
Right: 1577.155+/-0.507 χ^2/NDF : 428283.0/11

In: 1599.759+/-0.735 χ^2/NDF : 273309.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1577.155+/-0.507 χ^2/NDF : 428283.0/11

asym_at2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -719.276+/-970.408 χ^2 /NDF: 6.4/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -621.304+/-731.042 χ^2 /NDF: 4.4/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

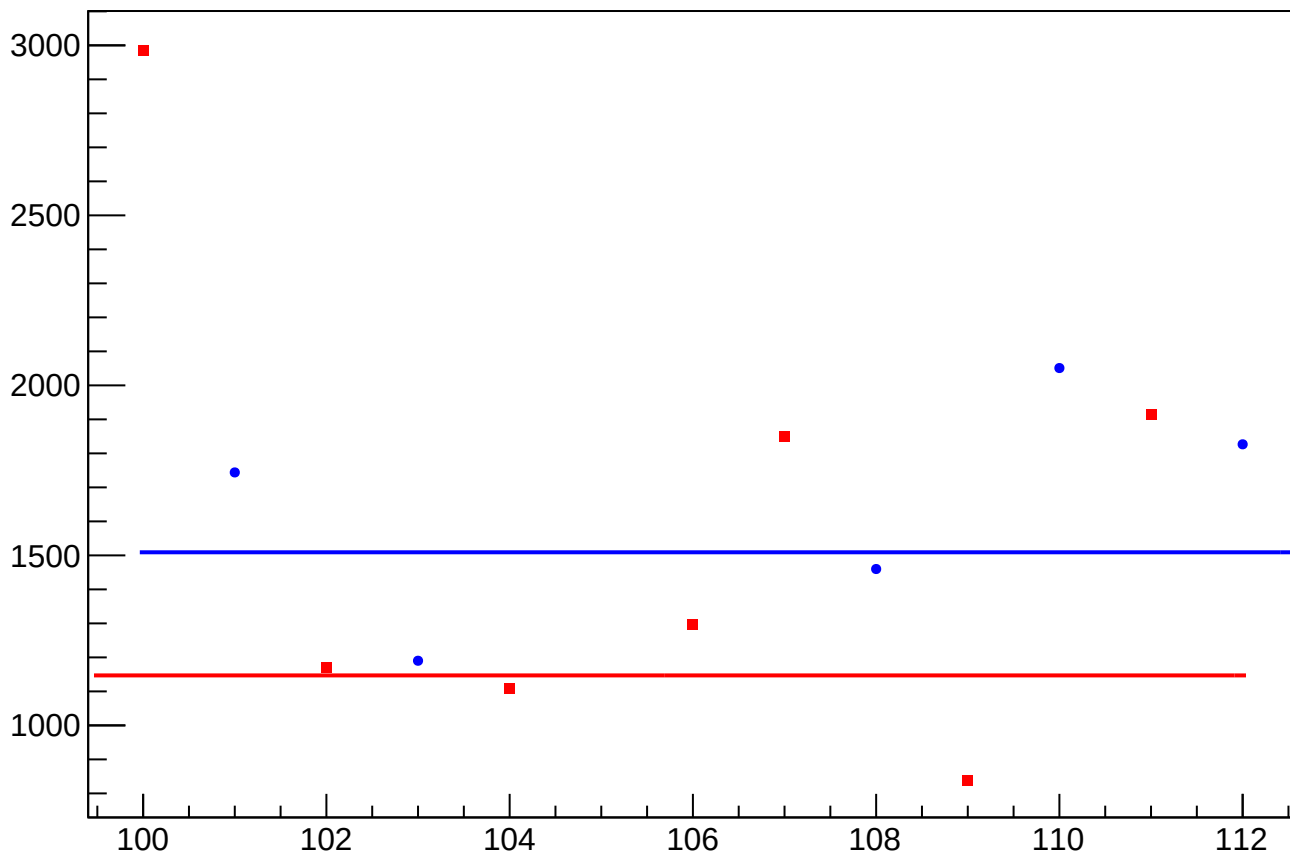
Right: -656.774+/-583.898 χ^2 /NDF: 10.9/11

In: -719.276+/-970.408 χ^2 /NDF:6.4/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -656.774+/-583.898 χ^2 /NDF: 10.9/11

asym_at2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1509.099+/-0.686 χ^2/NDF : 193641.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1147.013+/-0.517 χ^2/NDF : 389518.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

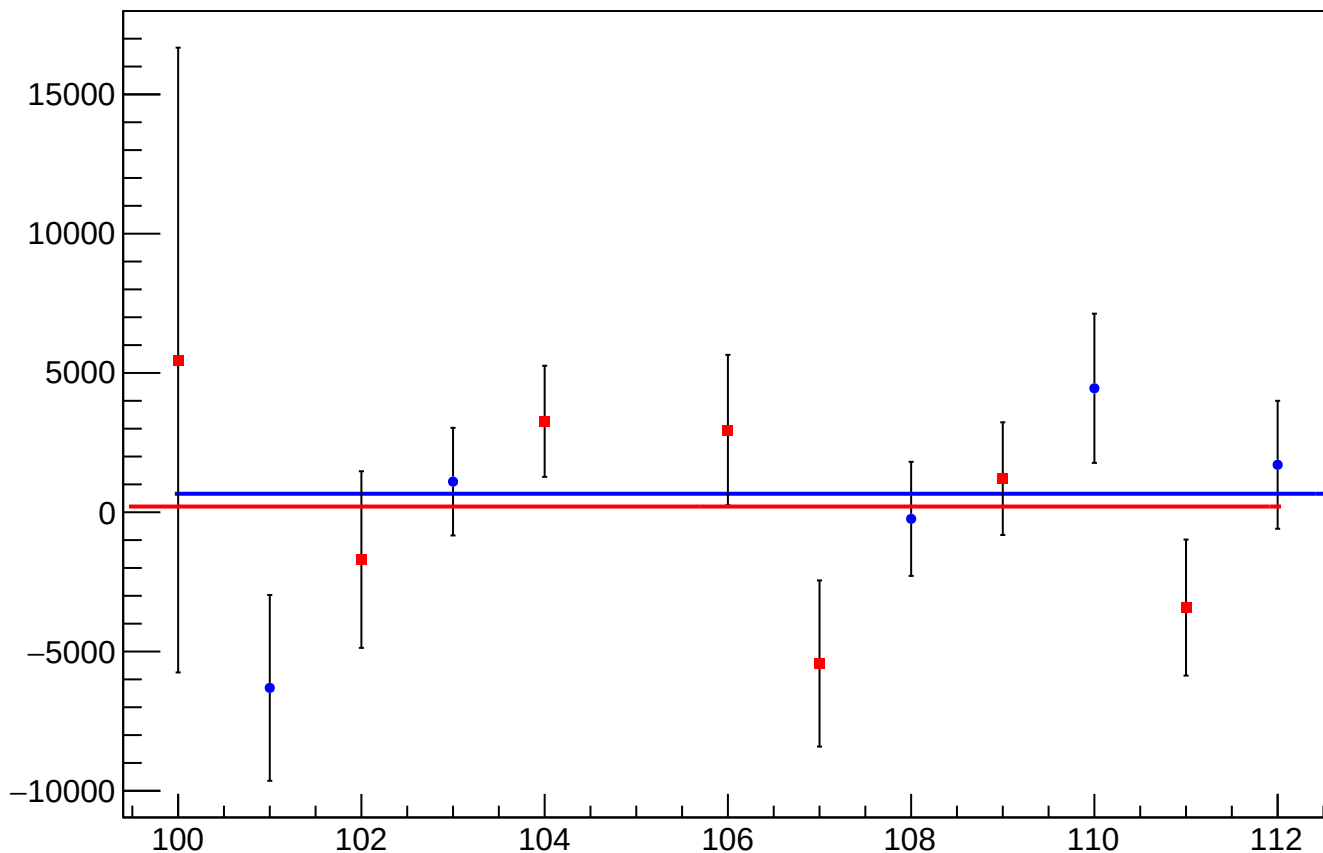
Right: 1278.105+/-0.413 χ^2/NDF : 760798.2/11

In: 1509.099+/-0.686 χ^2/NDF : 193641.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1278.105+/-0.413 χ^2/NDF : 760798.2/11

eigen_dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 663.779+/-1039.505 χ^2/NDF : 6.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 205.206+/-989.933 χ^2/NDF : 10.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

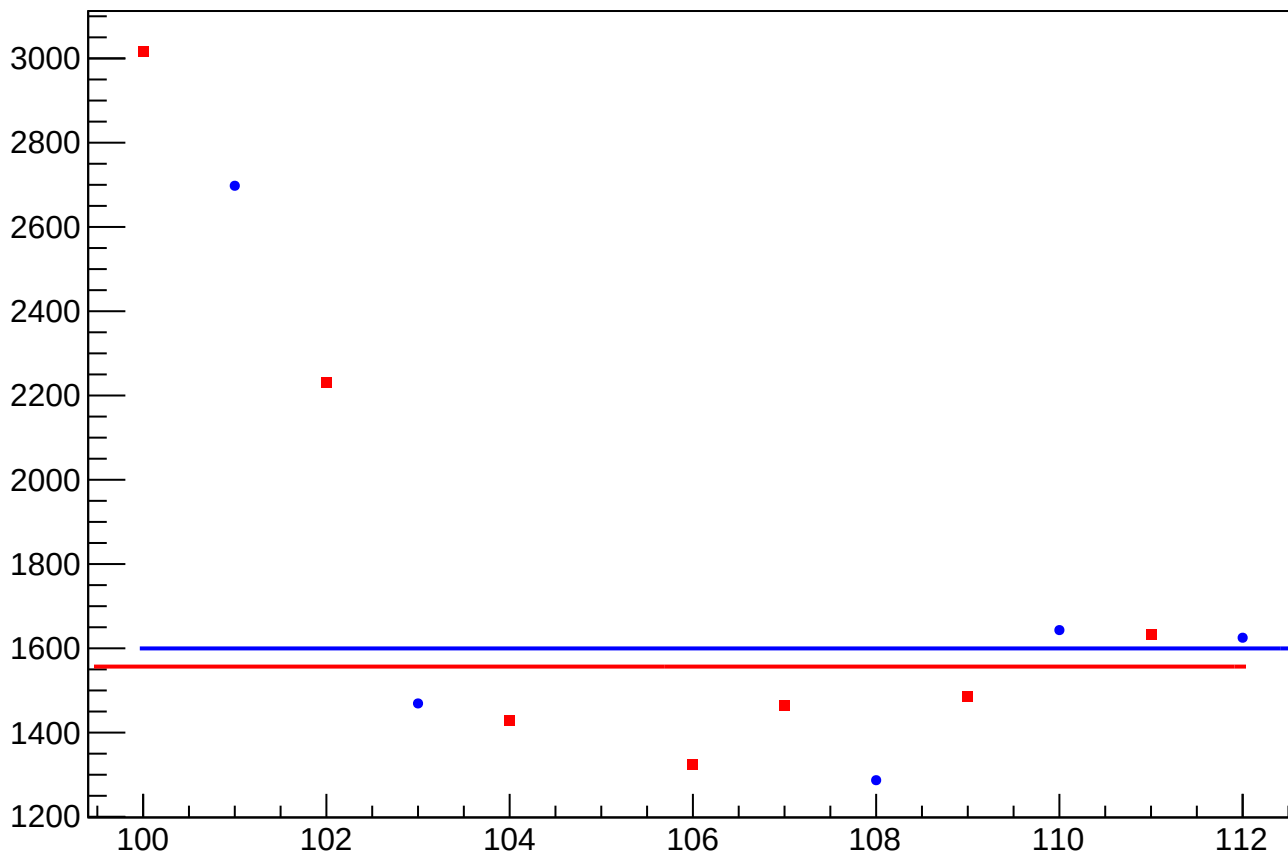
Right: 423.298+/-716.873 χ^2/NDF : 16.9/11

In: 663.779+/-1039.505 χ^2/NDF : 6.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 423.298+/-716.873 χ^2/NDF : 16.9/11

eigen_dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1599.759+/-0.735 χ^2/NDF : 273309.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1556.656+/-0.700 χ^2/NDF : 153169.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

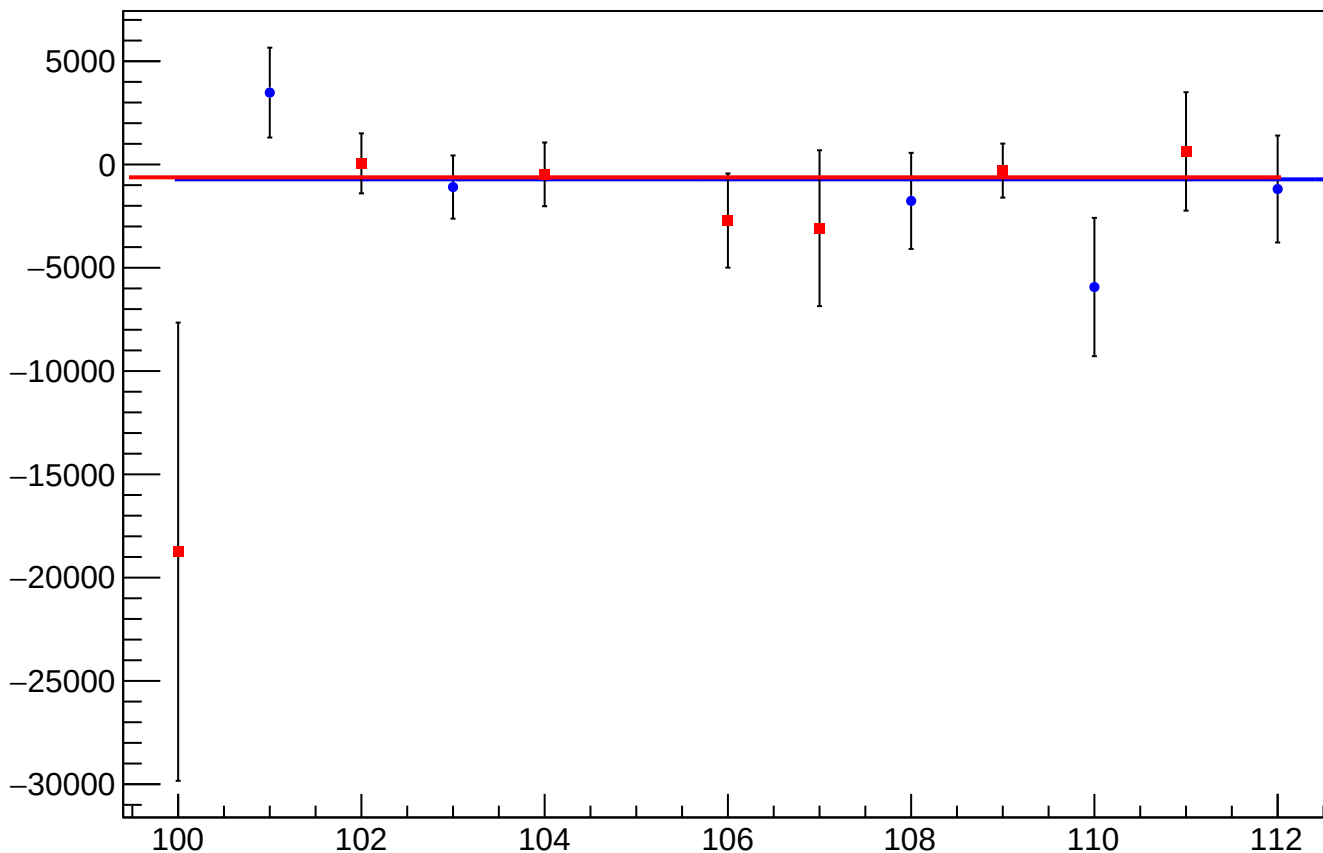
Right: 1577.155+/-0.507 χ^2/NDF : 428282.8/11

In: 1599.759+/-0.735 χ^2/NDF : 273309.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1577.155+/-0.507 χ^2/NDF : 428282.8/11

asym_at2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -719.275+/-970.406 χ^2/NDF : 6.4/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -621.305+/-731.045 χ^2/NDF : 4.4/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

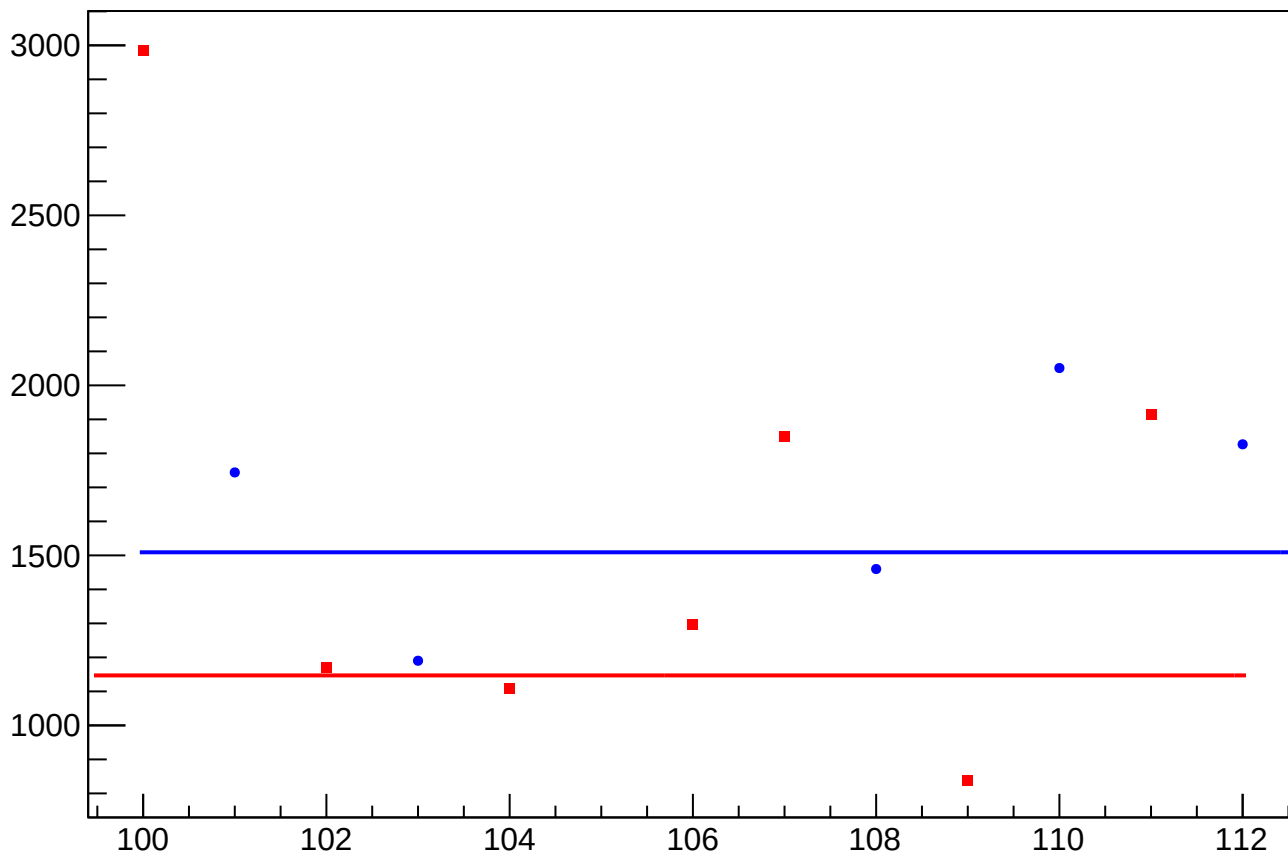
Right: -656.775+/-583.899 χ^2/NDF : 10.9/11

In: -719.275+/-970.406 χ^2/NDF :6.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -656.775+/-583.899 χ^2/NDF : 10.9/11

asym_at2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1509.097 $\pm$ 0.686 χ^2 /NDF: 193638.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1147.018 $\pm$ 0.517 χ^2 /NDF: 389506.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

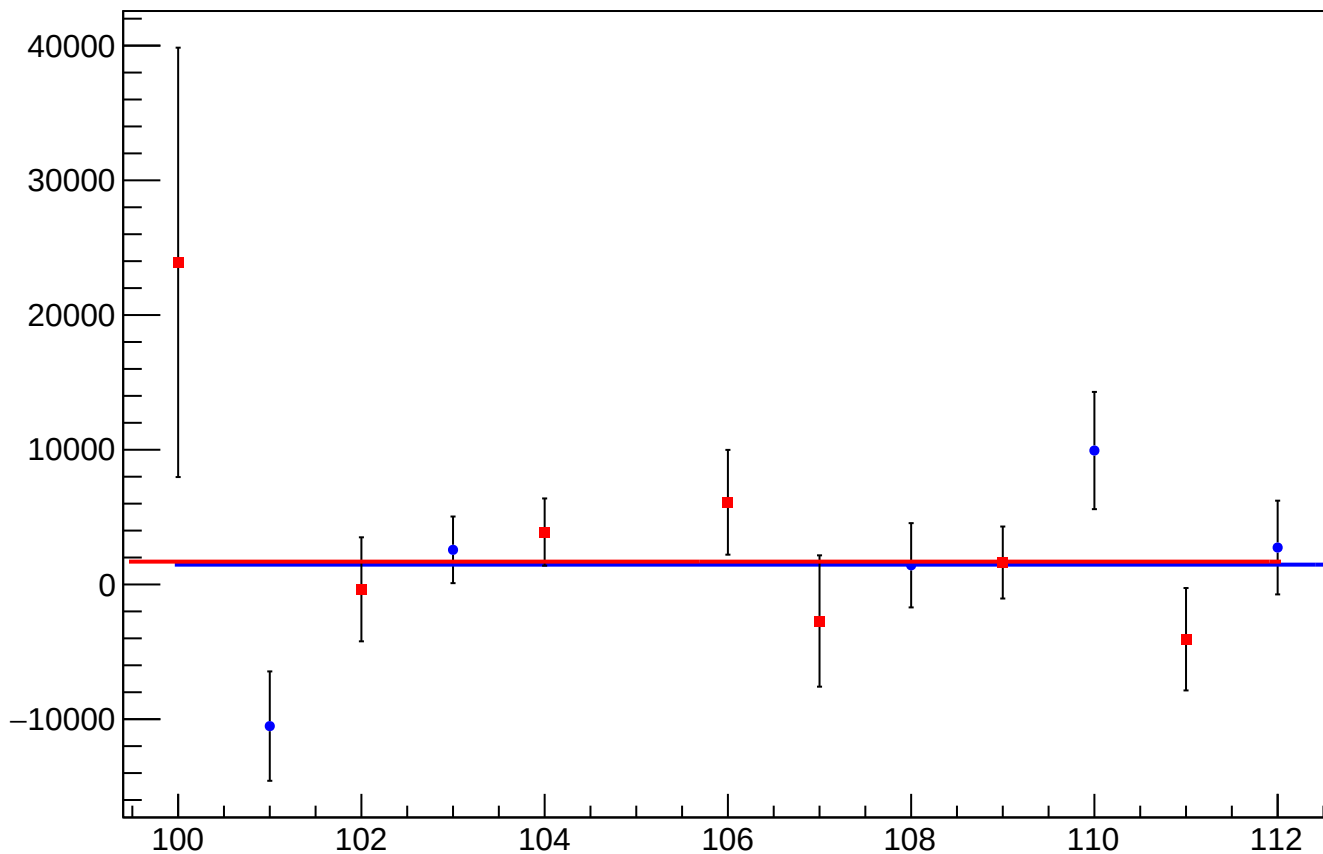
Right: 1278.109 $\pm$ 0.413 χ^2 /NDF: 760774.1/11

In: 1509.097 $\pm$ 0.686 χ^2 /NDF:193638.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1278.109 $\pm$ 0.413 χ^2 /NDF: 760774.1/11

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1471.775+/-1471.464 χ^2/NDF : 12.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1695.365+/-1349.459 χ^2/NDF : 7.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

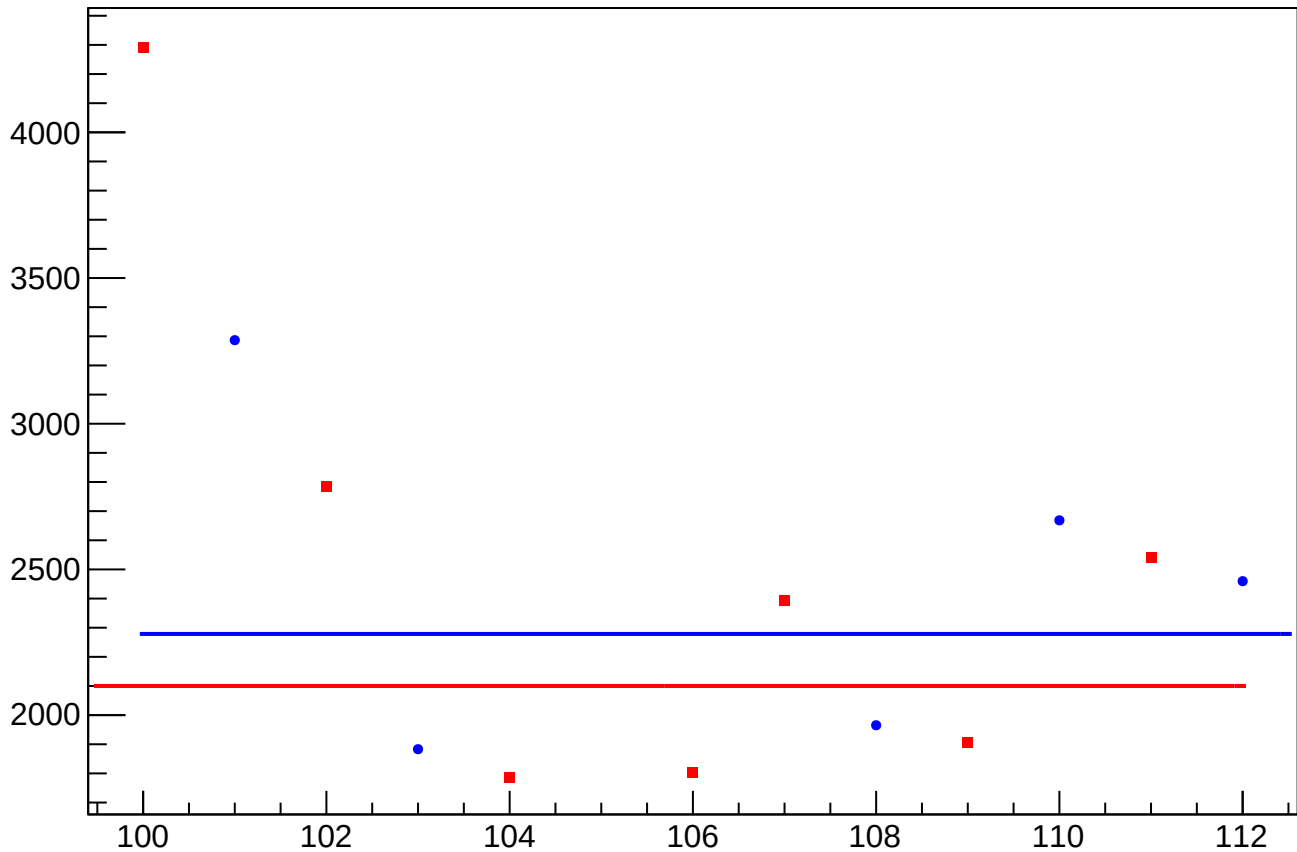
Right: 1593.222+/-994.551 χ^2/NDF : 20.2/11

In: 1471.775+/-1471.464 χ^2/NDF : 12.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1593.222+/-994.551 χ^2/NDF : 20.2/11

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2278.645+/-1.040 χ^2/NDF : 216006.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2100.100+/-0.954 χ^2/NDF : 188275.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

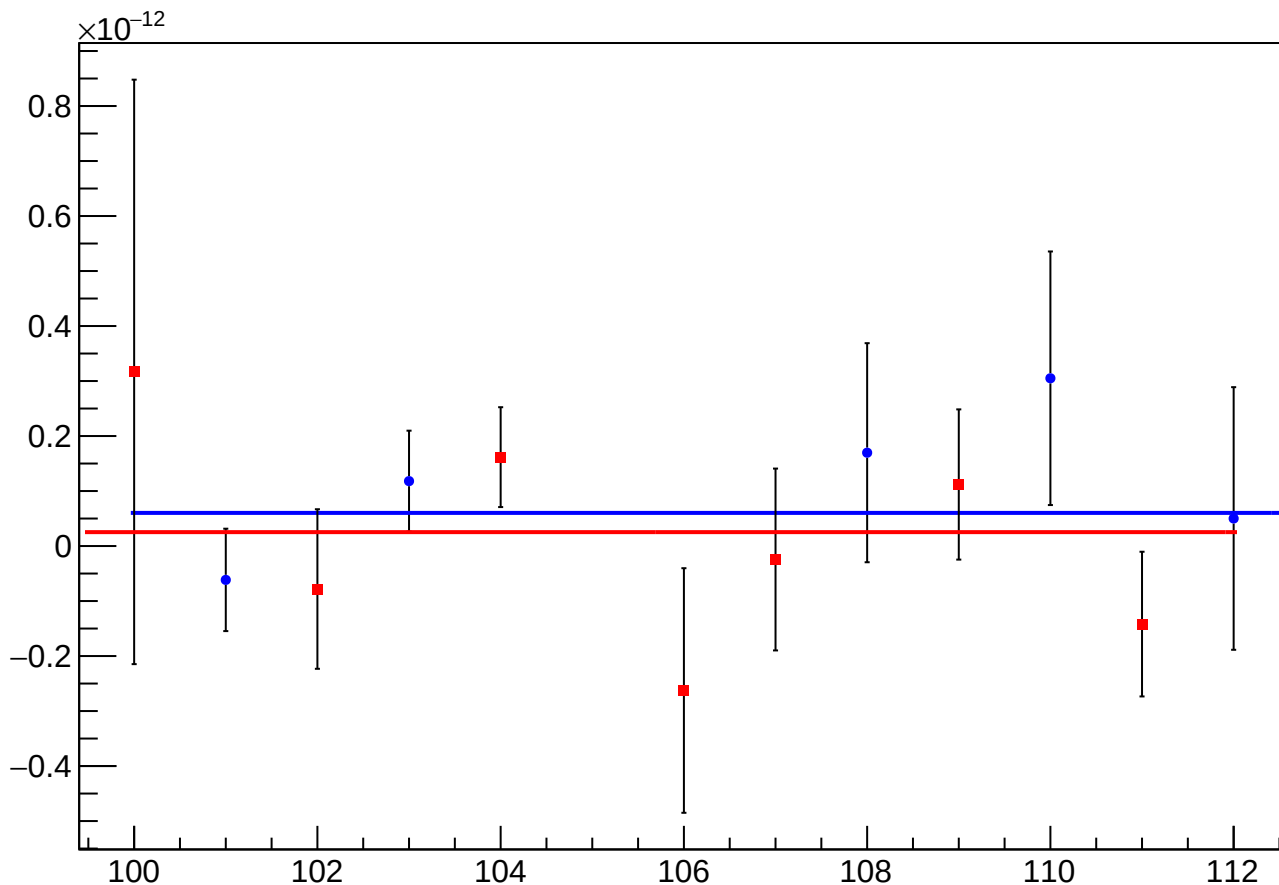
Right: 2181.663+/-0.703 χ^2/NDF : 420277.1/11

In: 2278.645+/-1.040 χ^2/NDF : 216006.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2181.663+/-0.703 χ^2/NDF : 420277.1/11

asym_at2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

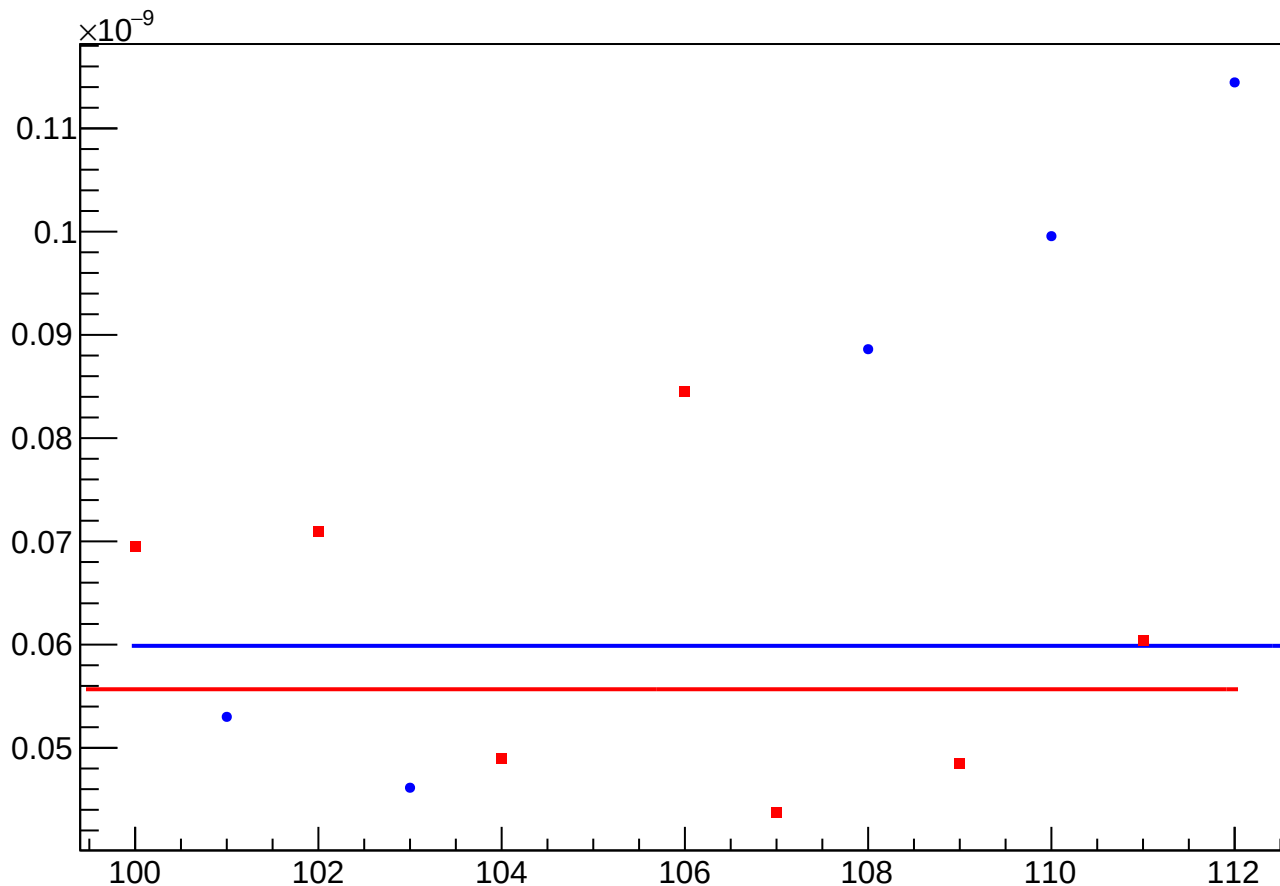
Right: 0.000+/-0.000 χ^2/NDF : 10.6/11

In: 0.000+/-0.000 χ^2/NDF : 3.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.6/11

asym_at2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 261261.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 86587.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

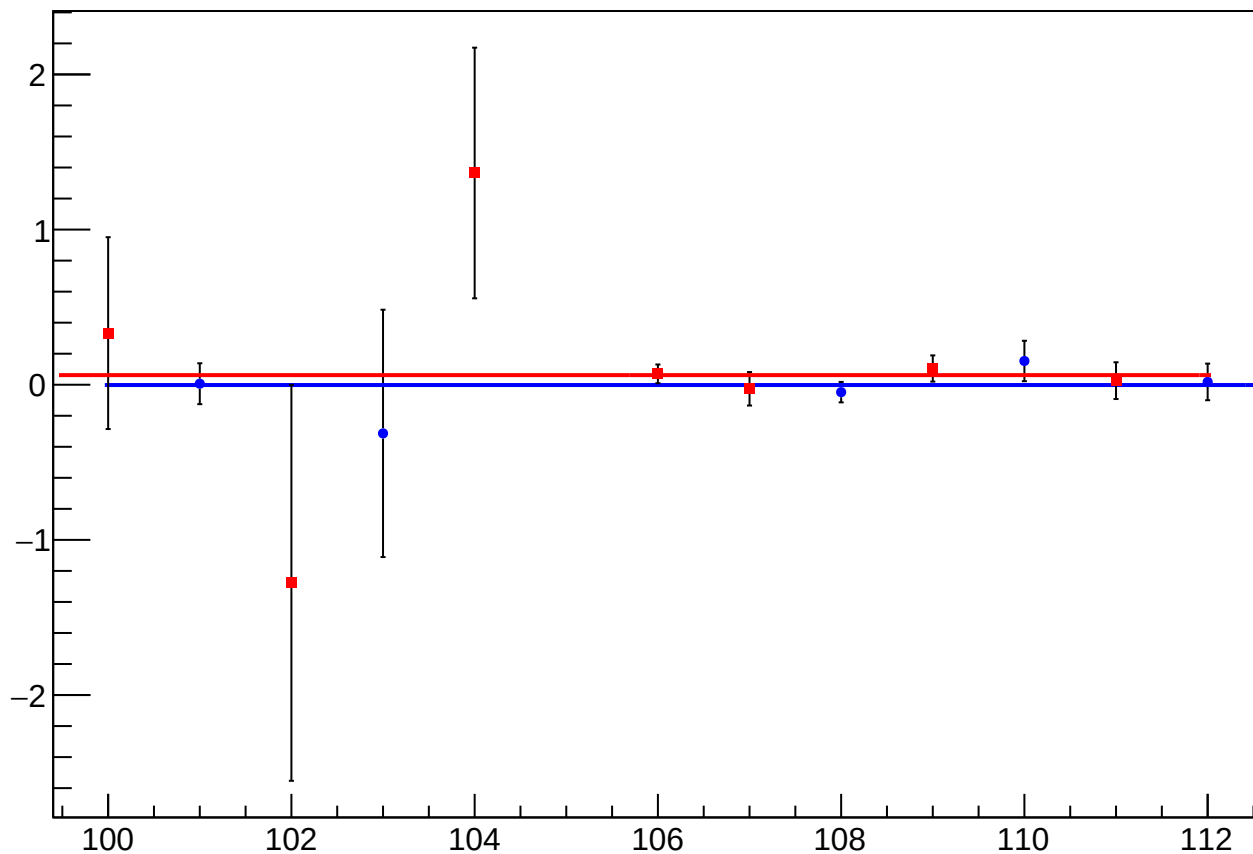
Right: 0.000+/-0.000 χ^2/NDF : 353450.3/11

In: 0.000+/-0.000 χ^2/NDF : 261261.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 353450.3/11

asym_at2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 ± 0.049 χ^2/NDF : 2.1/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.062 ± 0.042 χ^2/NDF : 4.9/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

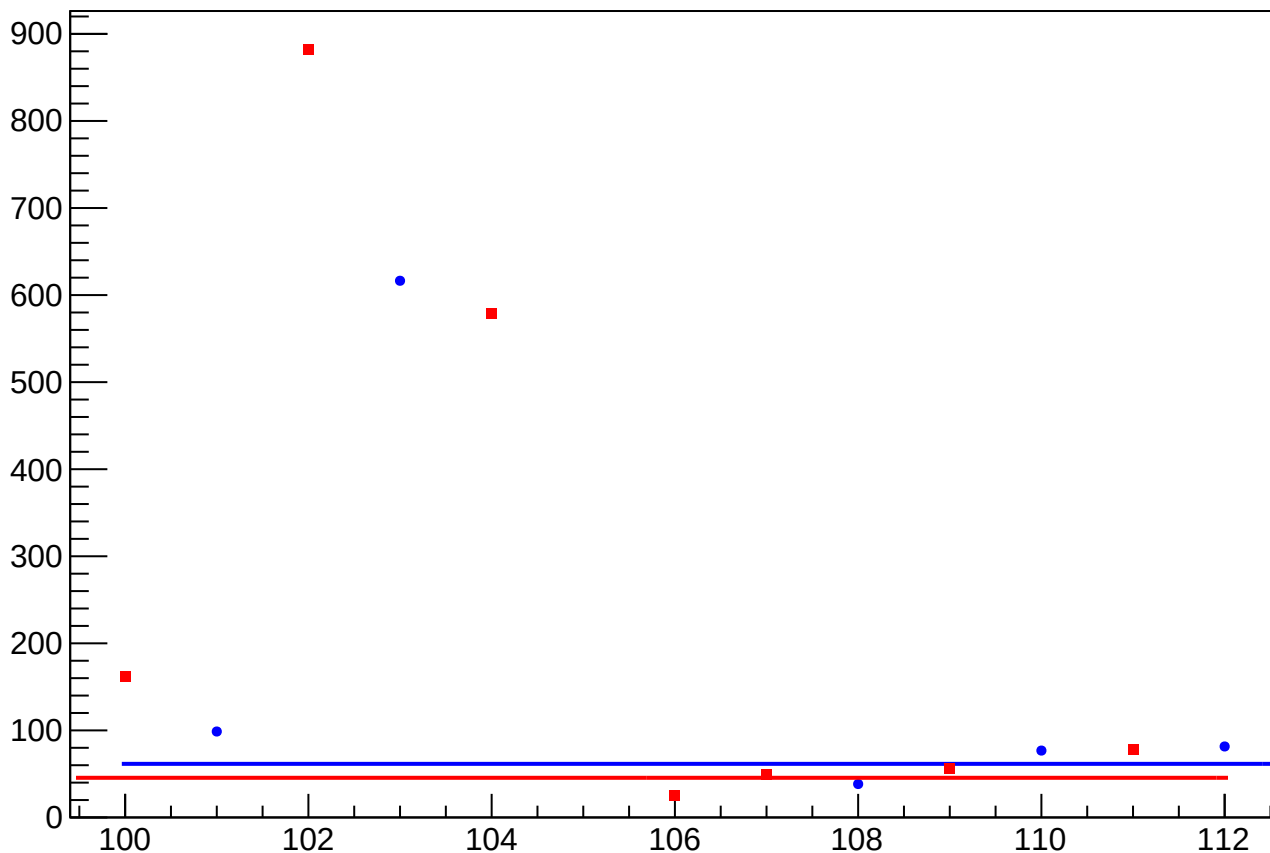
Right: 0.035 ± 0.032 χ^2/NDF : 8.0/11

In: -0.002 ± 0.049 χ^2/NDF : 2.1/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.035 ± 0.032 χ^2/NDF : 8.0/11

asym_at2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.570+/-0.034 χ^2/NDF : 1460724.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.561+/-0.029 χ^2/NDF : 2216664.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

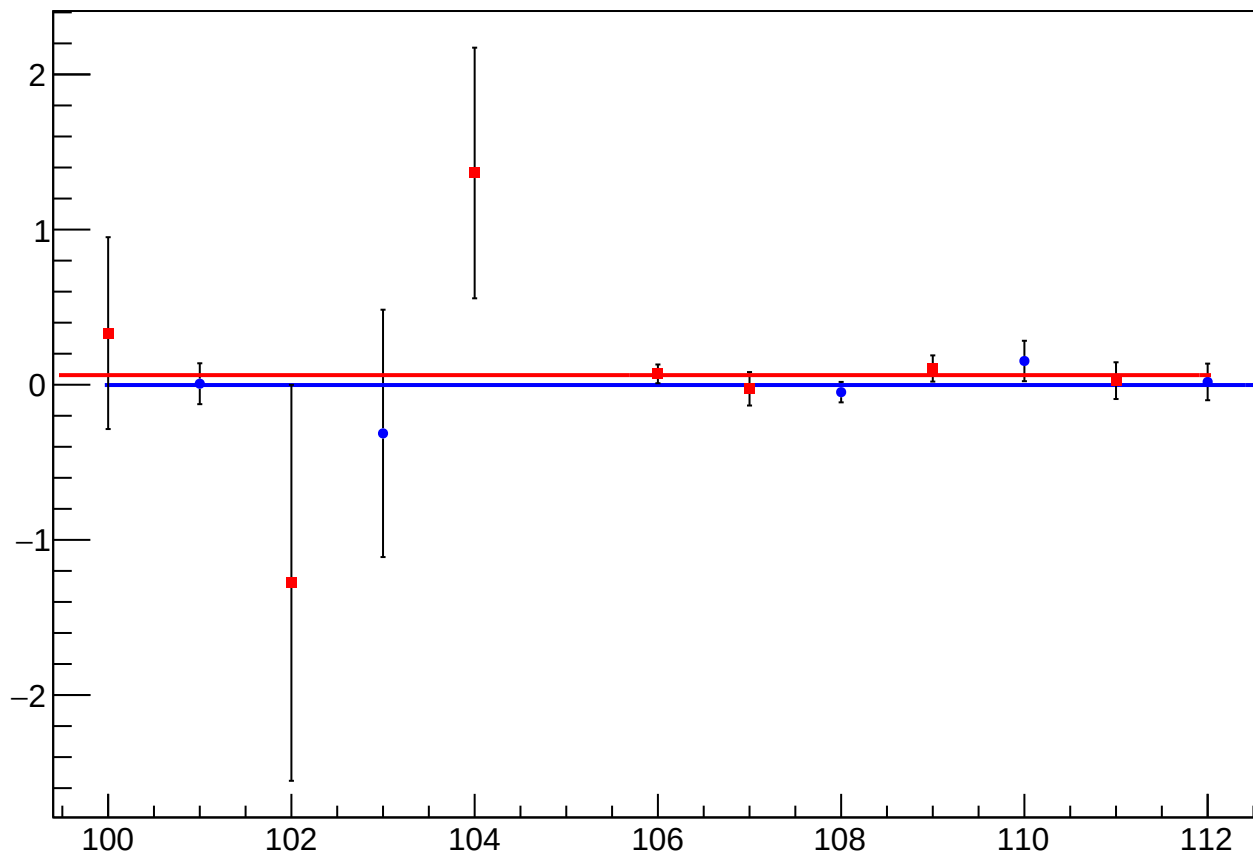
Right: 52.311+/-0.022 χ^2/NDF : 3802158.3/11

In: 61.570+/-0.034 χ^2/NDF : 1460724.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.311+/-0.022 χ^2/NDF : 3802158.3/11

asym_at2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002+/-0.049 χ^2/NDF : 2.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.062+/-0.042 χ^2/NDF : 4.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

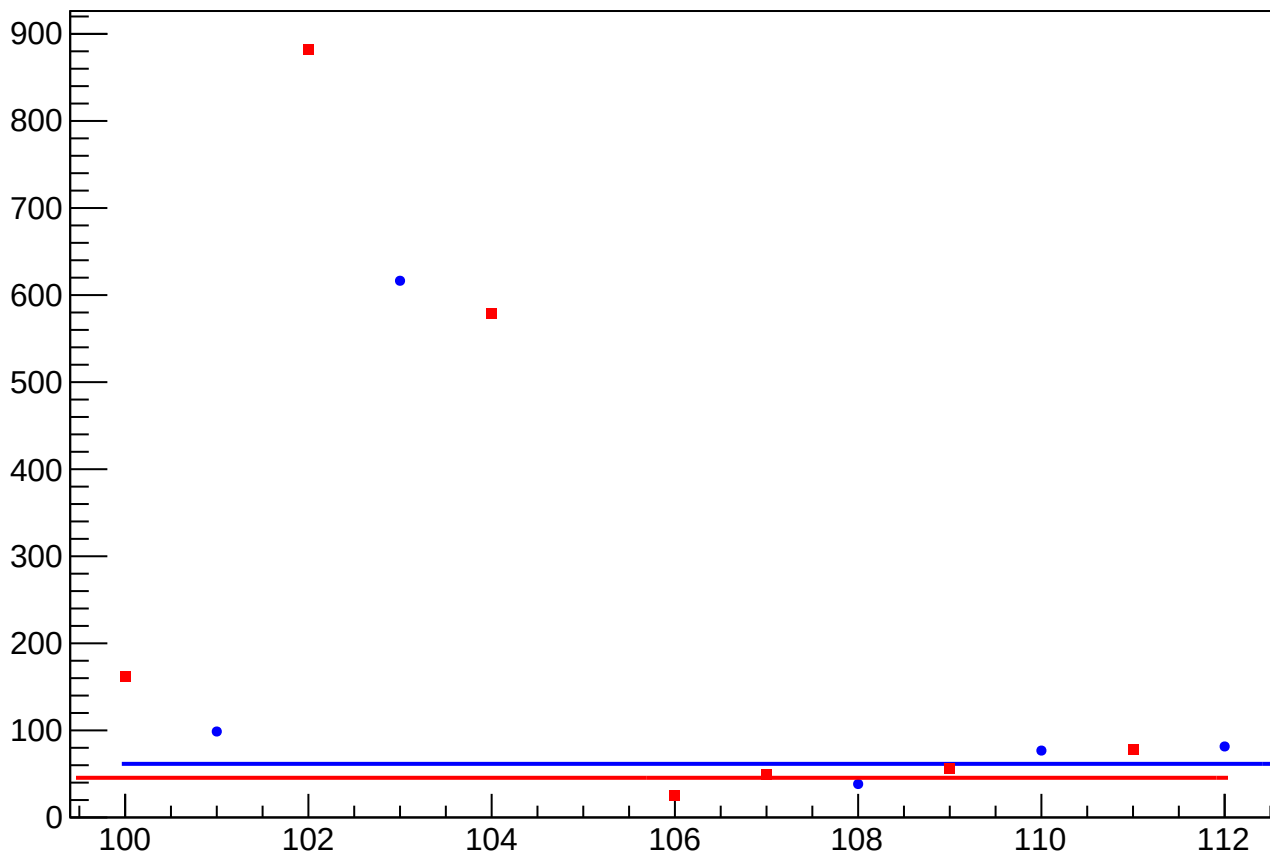
Right: 0.035+/-0.032 χ^2/NDF : 8.0/11

In: -0.002+/-0.049 χ^2/NDF : 2.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.035+/-0.032 χ^2/NDF : 8.0/11

asym_at2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.570+/-0.034 χ^2/NDF : 1460724.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.561+/-0.029 χ^2/NDF : 2216664.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

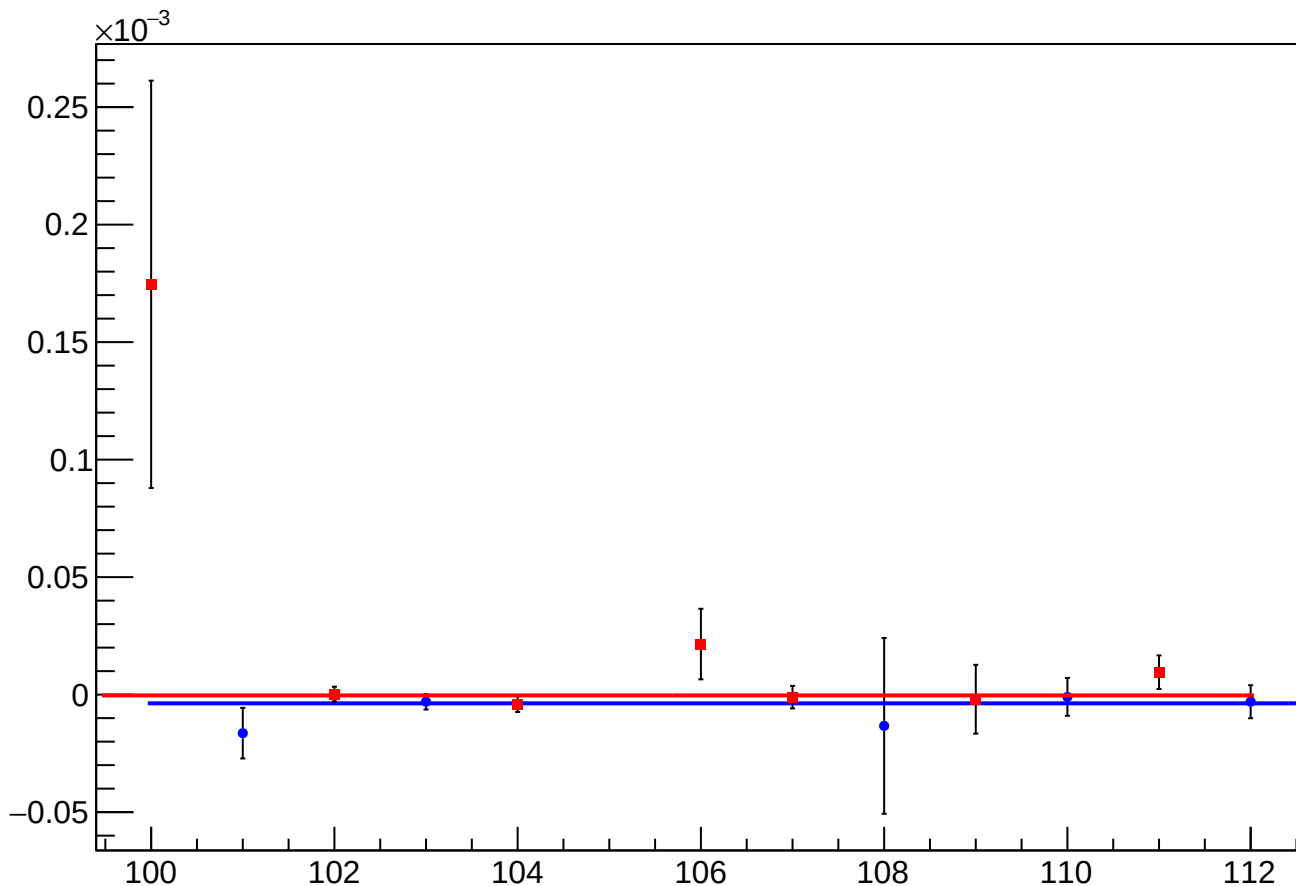
Right: 52.311+/-0.022 χ^2/NDF : 3802158.3/11

In: 61.570+/-0.034 χ^2/NDF : 1460724.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.311+/-0.022 χ^2/NDF : 3802158.3/11

asym_at2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.6/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.4/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

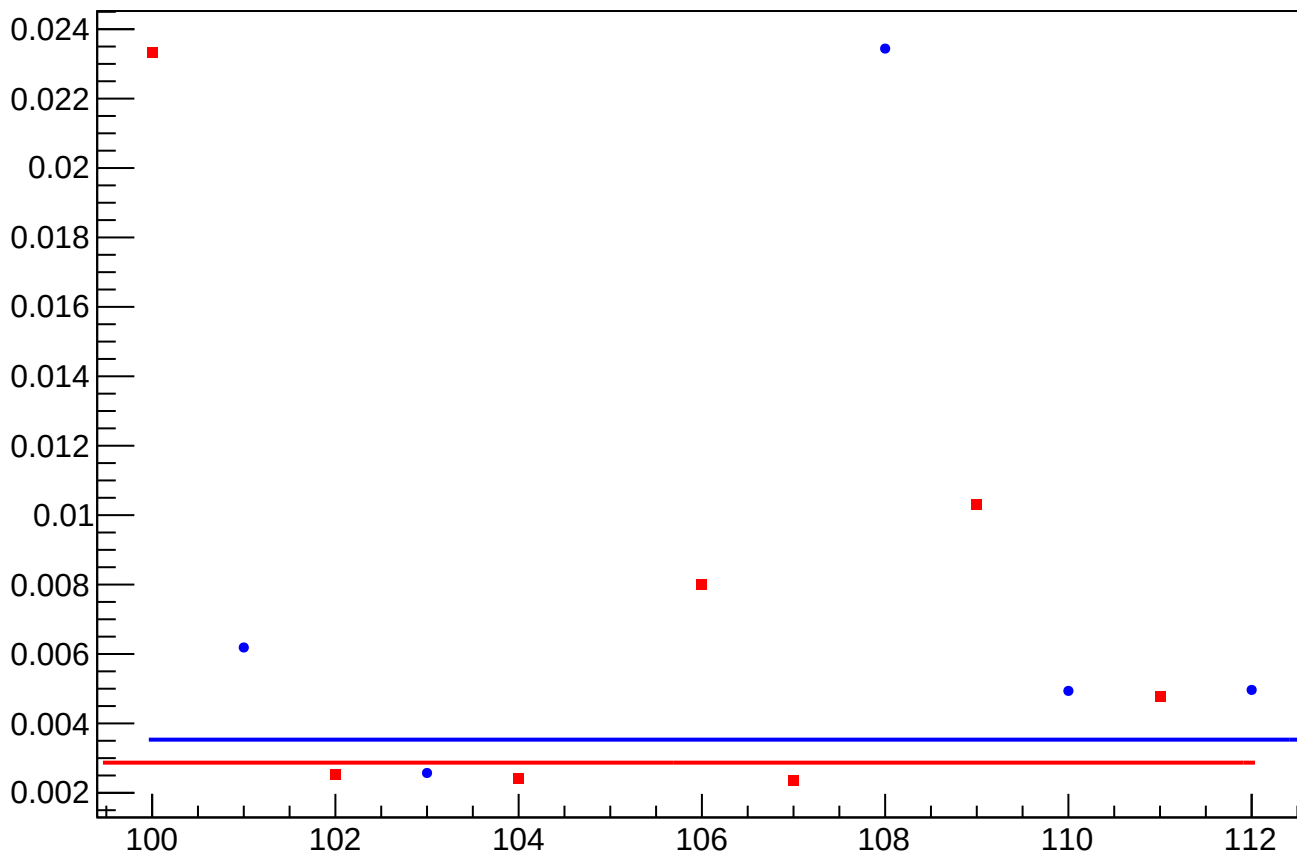
Right: -0.000+/-0.000 χ^2/NDF : 12.0/11

In: -0.000+/-0.000 χ^2/NDF :1.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.0/11

asym_at2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 1000645.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1087414.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

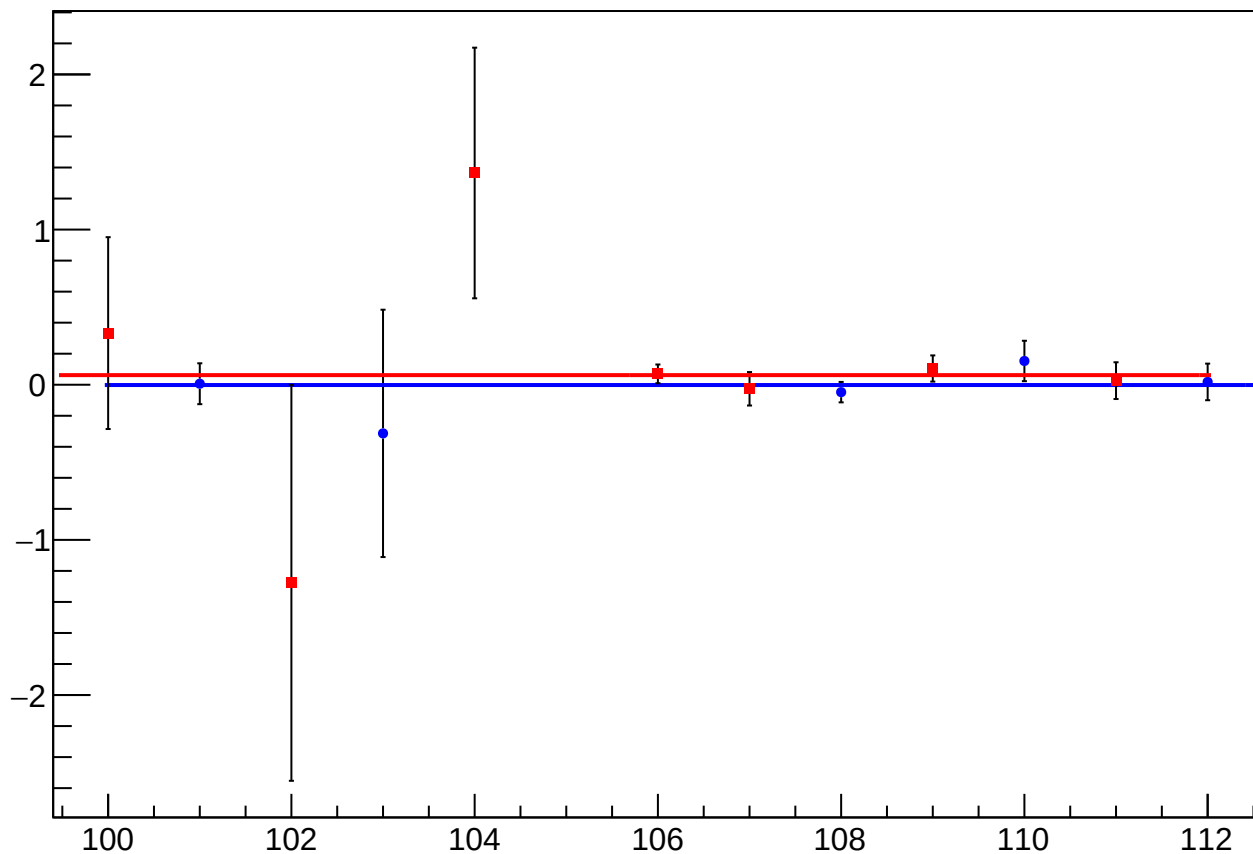
Right: 0.003+/-0.000 χ^2/NDF : 2166878.1/11

In: 0.004+/-0.000 χ^2/NDF : 1000645.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2166878.1/11

asym_at2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002+/-0.049 χ^2/NDF : 2.1/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.062+/-0.042 χ^2/NDF : 4.9/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

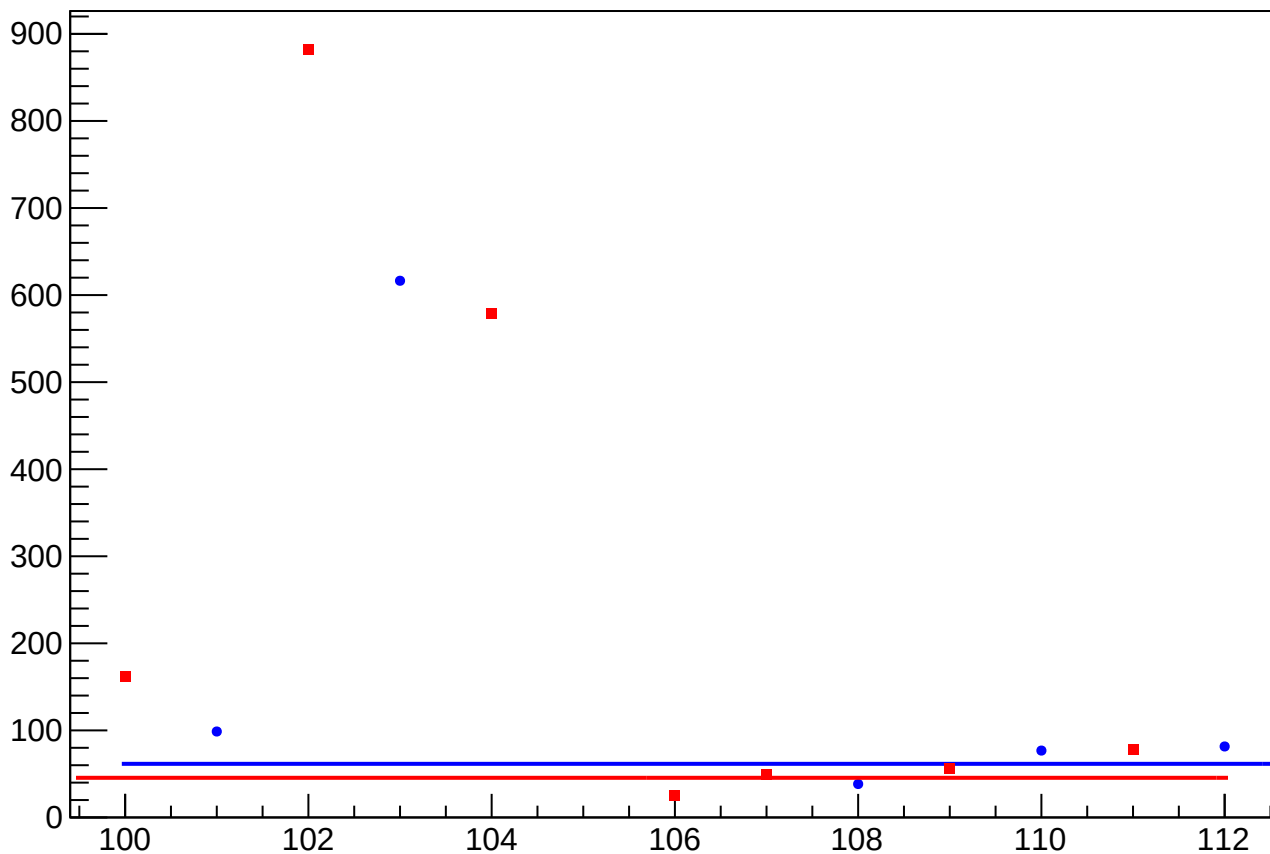
Right: 0.035+/-0.032 χ^2/NDF : 8.0/11

In: -0.002+/-0.049 χ^2/NDF :2.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.035+/-0.032 χ^2/NDF : 8.0/11

asym_at2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.591+/-0.034 χ^2/NDF : 1460154.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.552+/-0.029 χ^2/NDF : 2216977.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

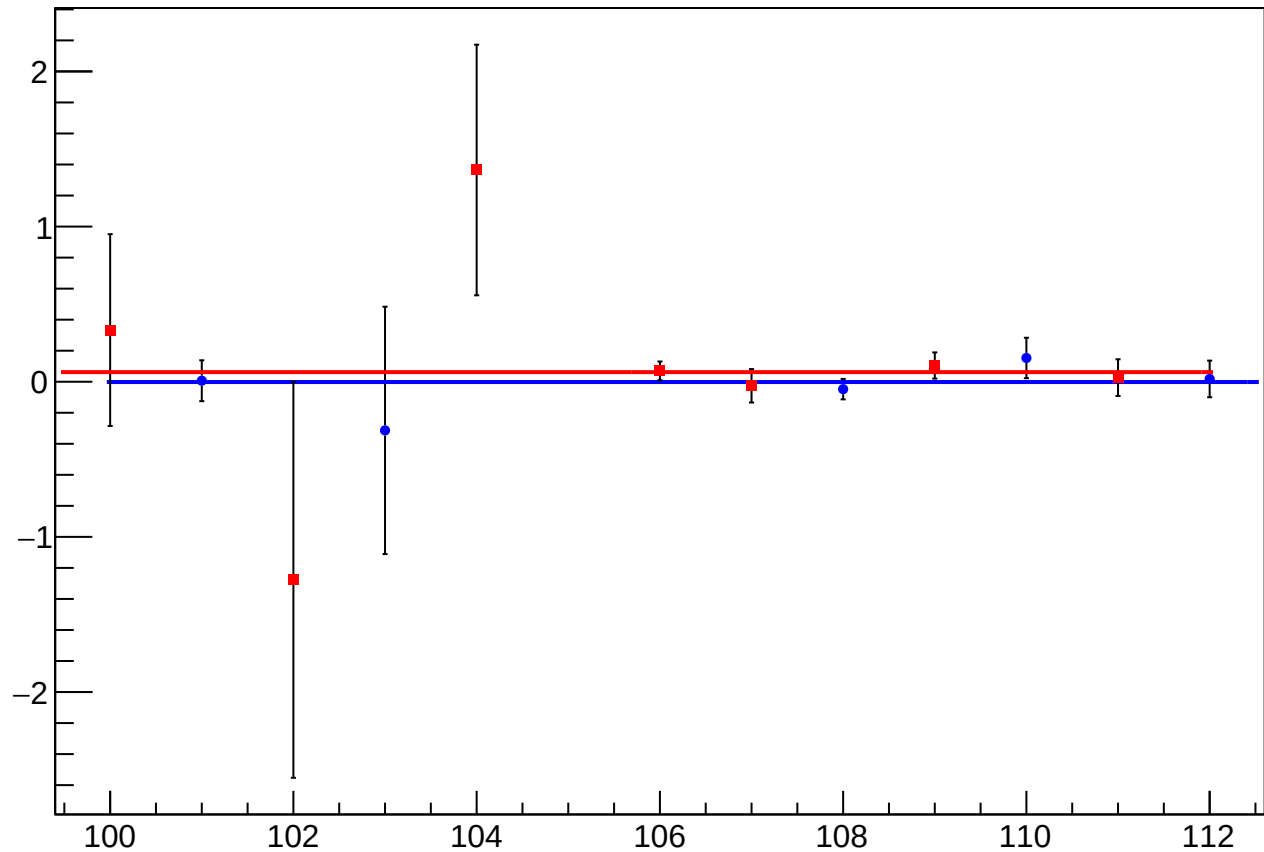
Right: 52.312+/-0.022 χ^2/NDF : 3802350.4/11

In: 61.591+/-0.034 χ^2/NDF : 1460154.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.312+/-0.022 χ^2/NDF : 3802350.4/11

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002+/-0.049 χ^2/NDF : 2.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.062+/-0.042 χ^2/NDF : 4.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

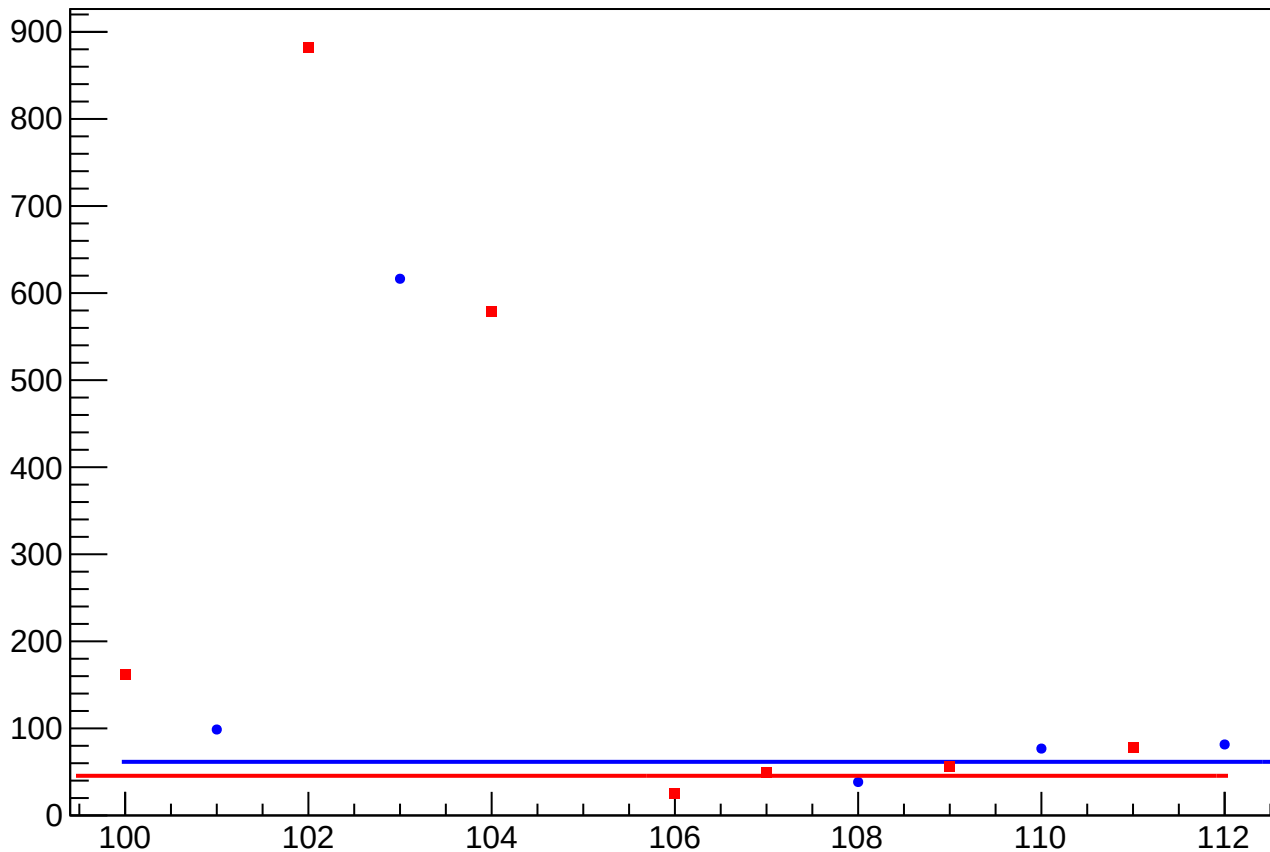
Right: 0.035+/-0.032 χ^2/NDF : 8.0/11

In: -0.002+/-0.049 χ^2/NDF : 2.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.035+/-0.032 χ^2/NDF : 8.0/11

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.591+/-0.034 χ^2/NDF : 1460154.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.552+/-0.029 χ^2/NDF : 2216977.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

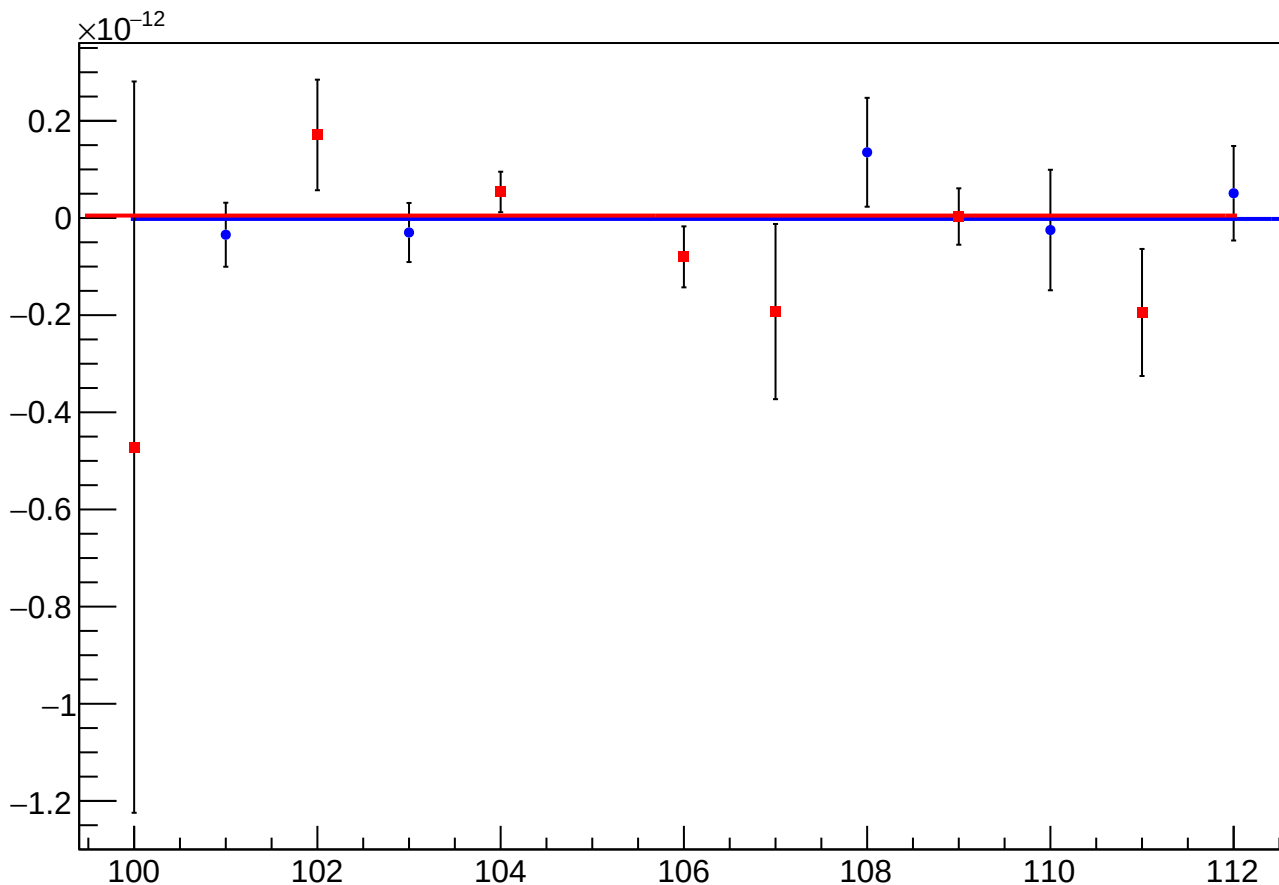
Right: 52.312+/-0.022 χ^2/NDF : 3802350.4/11

In: 61.591+/-0.034 χ^2/NDF : 1460154.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.312+/-0.022 χ^2/NDF : 3802350.4/11

asym_at2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

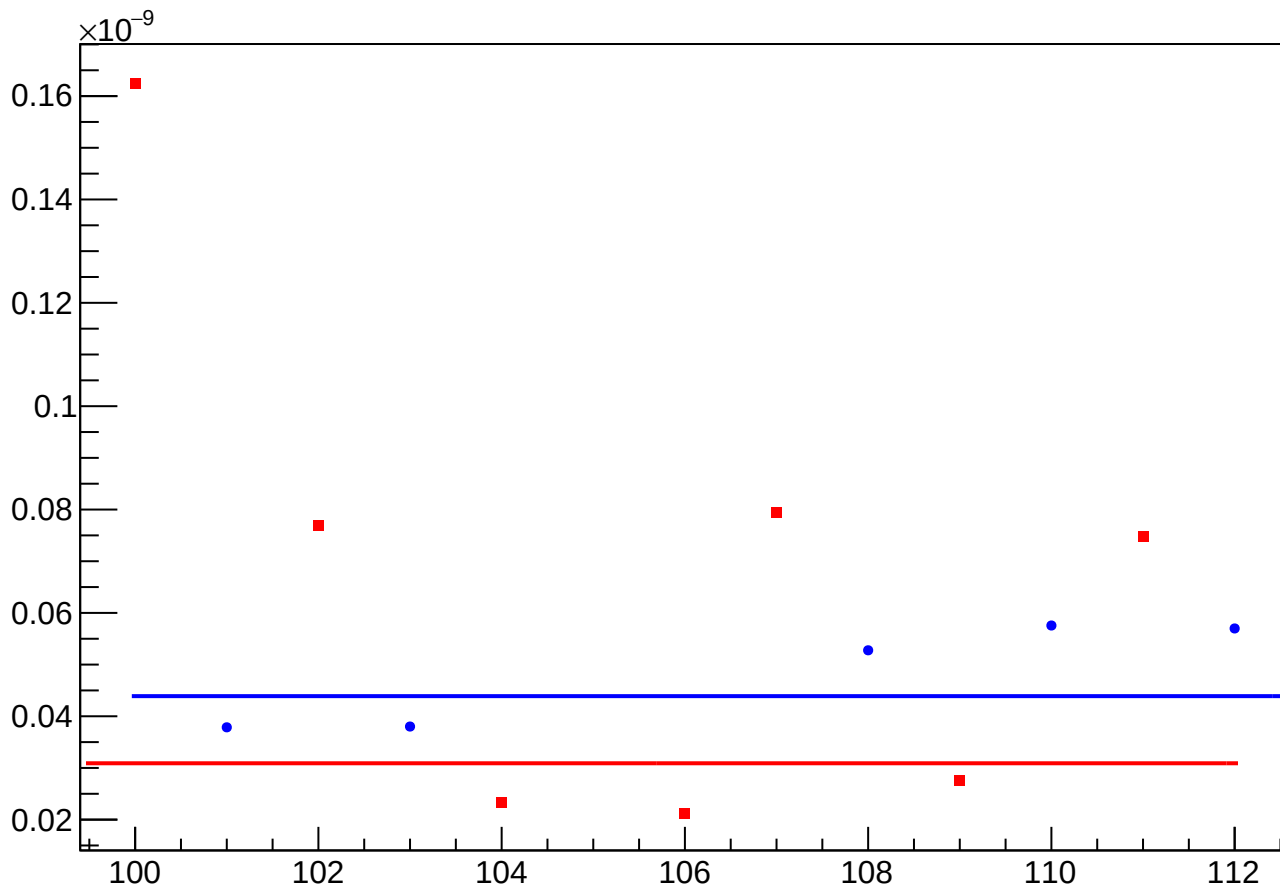
Right: 0.000+/-0.000 χ^2/NDF : 11.6/11

In: -0.000+/-0.000 χ^2/NDF : 2.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.6/11

asym_at2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 108519.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 879475.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

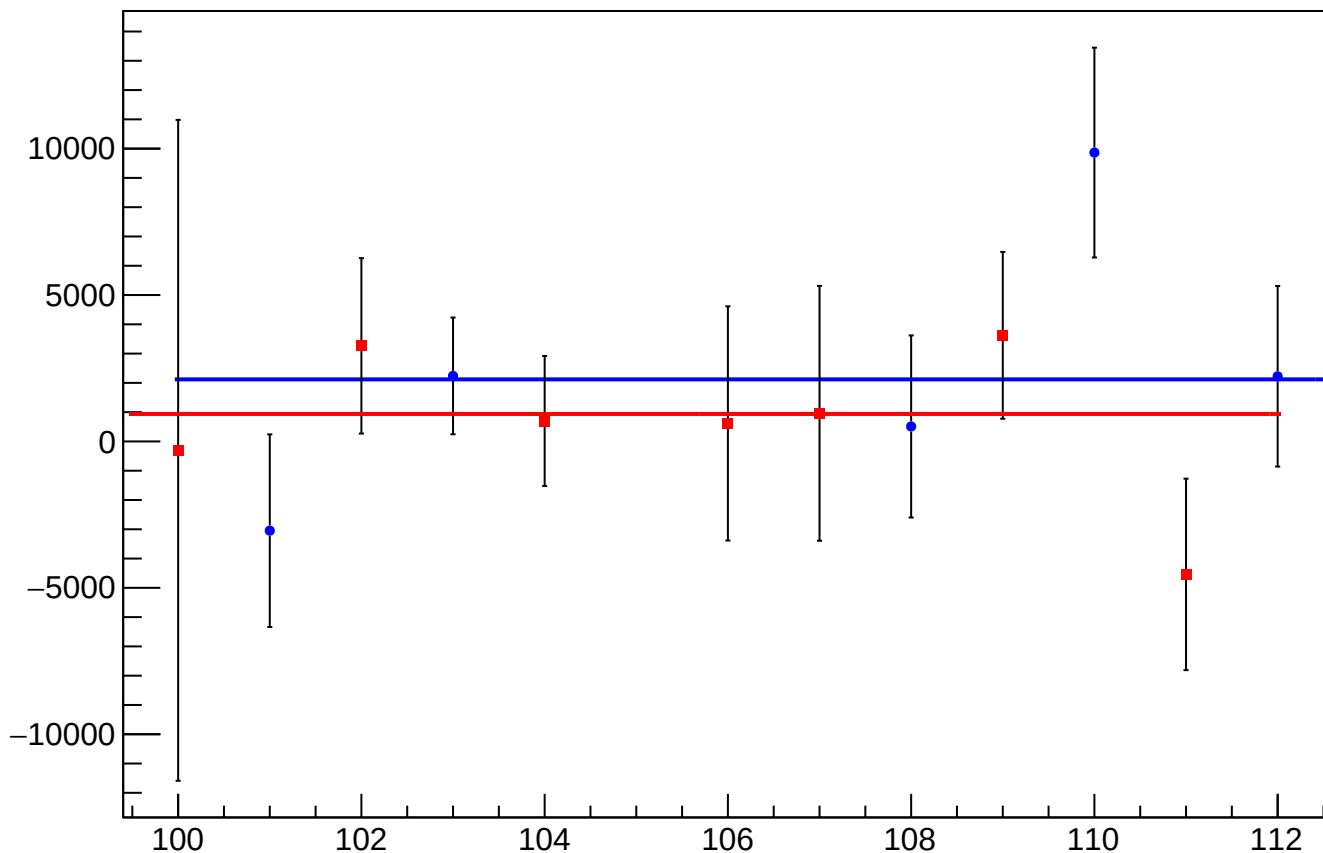
Right: 0.000+/-0.000 χ^2/NDF : 1148317.5/11

In: 0.000+/-0.000 χ^2/NDF : 108519.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1148317.5/11

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2119.797+/-1259.310 χ^2/NDF : 7.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 938.008+/-1236.412 χ^2/NDF : 4.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

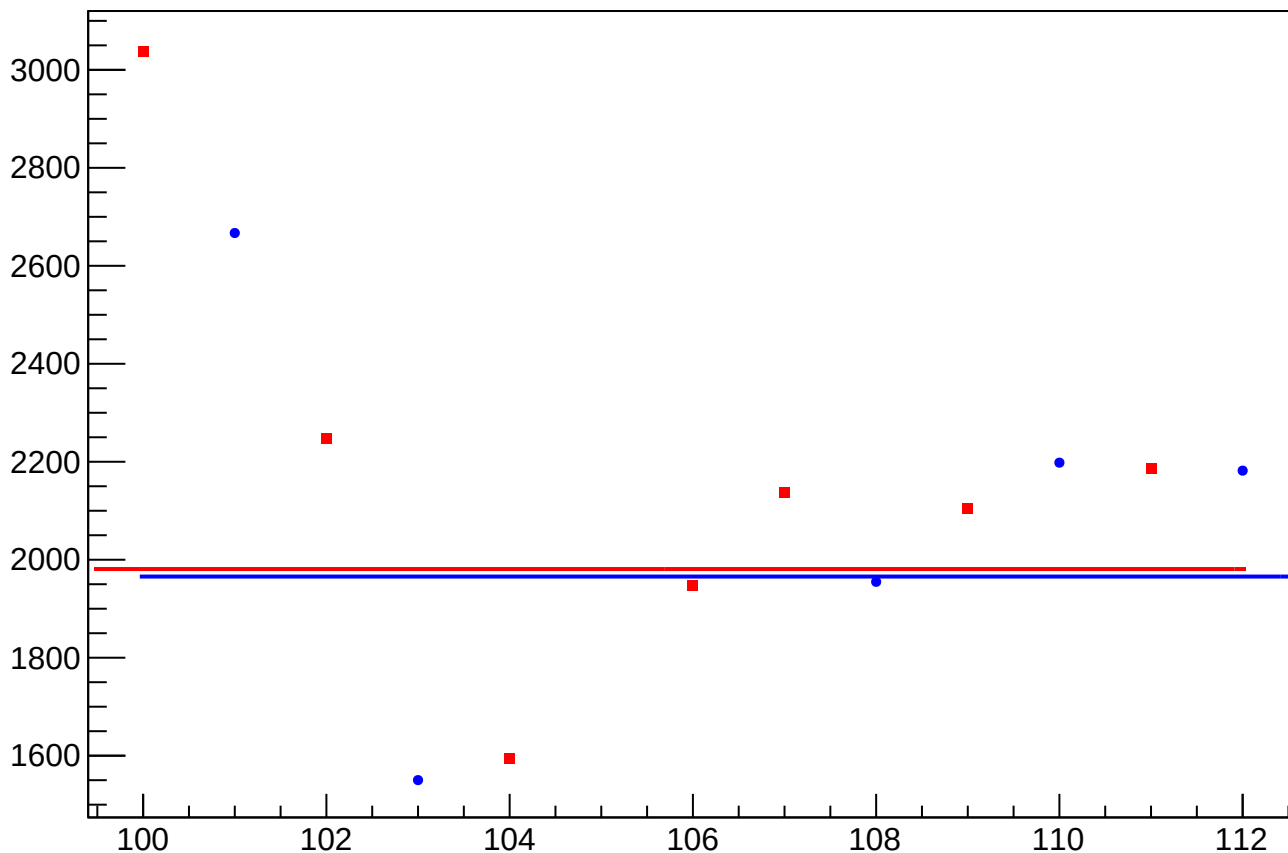
Right: 1518.060+/-882.260 χ^2/NDF : 12.2/11

In: 2119.797+/-1259.310 χ^2/NDF : 7.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1518.060+/-882.260 χ^2/NDF : 12.2/11

reg_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1965.676+/-0.890 χ^2/NDF : 196110.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1981.042+/-0.868 χ^2/NDF : 108012.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

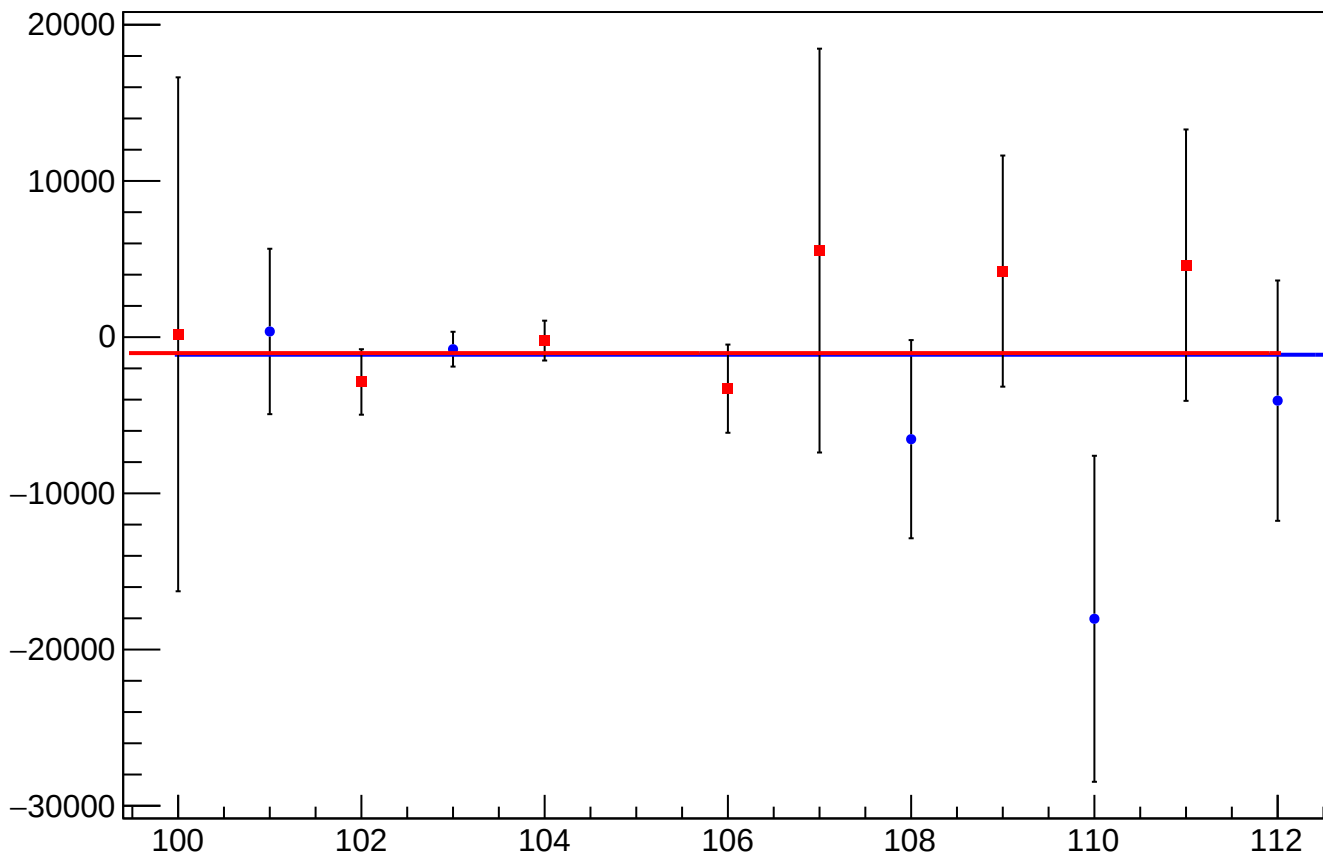
Right: 1973.554+/-0.622 χ^2/NDF : 304274.7/11

In: 1965.676+/-0.890 χ^2/NDF : 196110.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1973.554+/-0.622 χ^2/NDF : 304274.7/11

asym_atl1r2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1125.748+/-1058.904 χ^2 /NDF: 3.7/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1020.725+/-995.606 χ^2 /NDF: 3.0/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

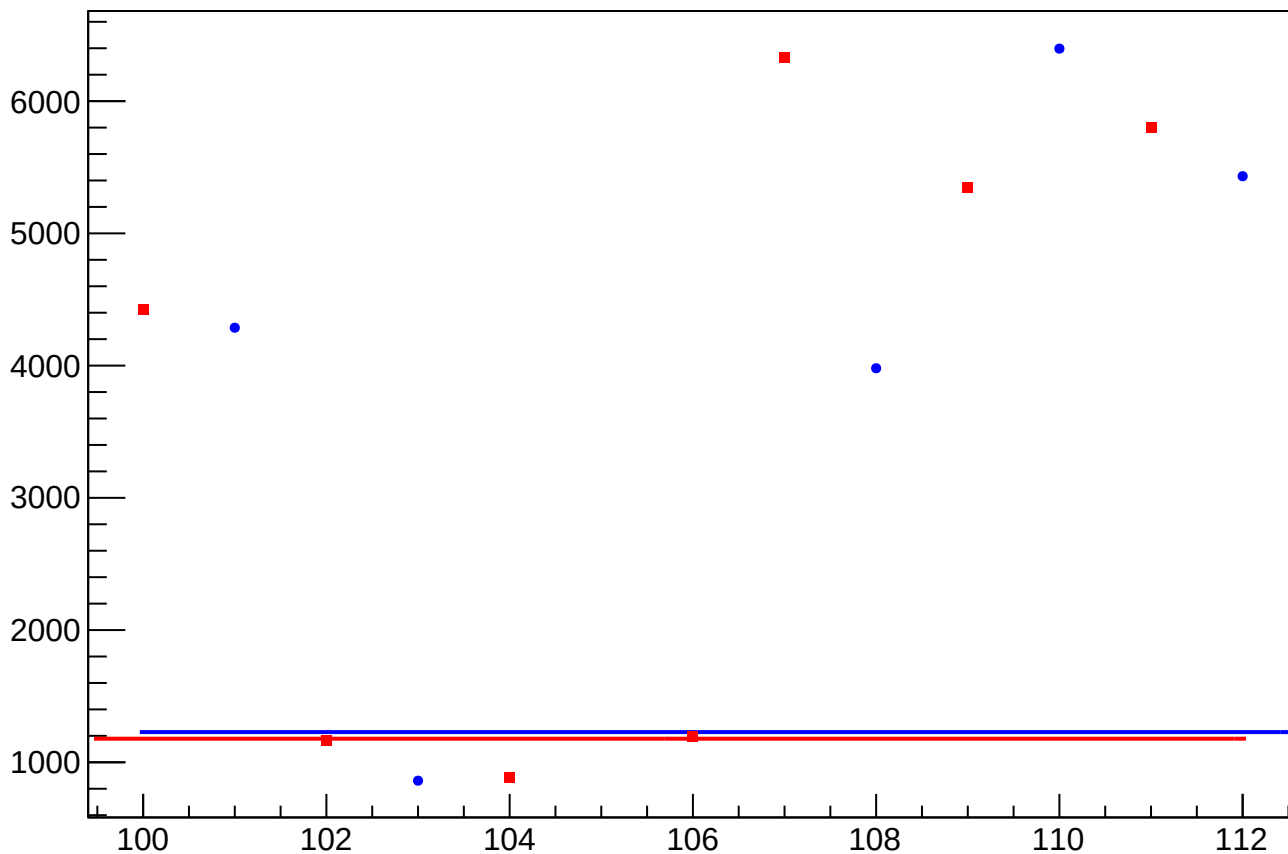
Right: -1070.004+/-725.345 χ^2 /NDF: 6.7/11

In: -1125.748+/-1058.904 χ^2 /NDF:3.7/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1070.004+/-725.345 χ^2 /NDF: 6.7/11

asym_atl1r2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1228.420+/-0.749 χ^2/NDF : 2348951.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1178.546+/-0.704 χ^2/NDF : 1703506.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

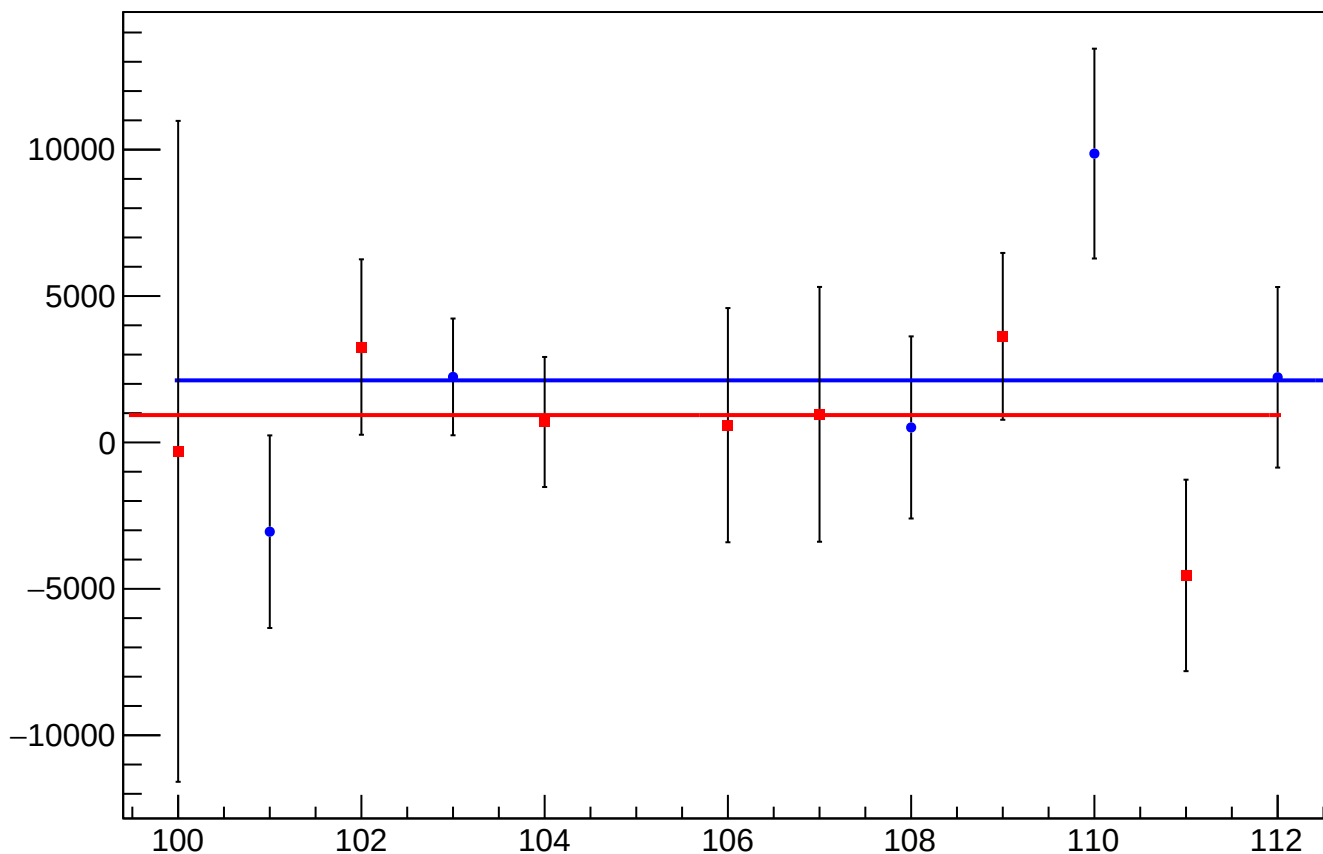
Right: 1201.948+/-0.513 χ^2/NDF : 4054812.3/11

In: 1228.420+/-0.749 χ^2/NDF : 2348951.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1201.948+/-0.513 χ^2/NDF : 4054812.3/11

cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2120.046+/-1259.310 χ^2/NDF : 7.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 934.538+/-1236.417 χ^2/NDF : 4.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

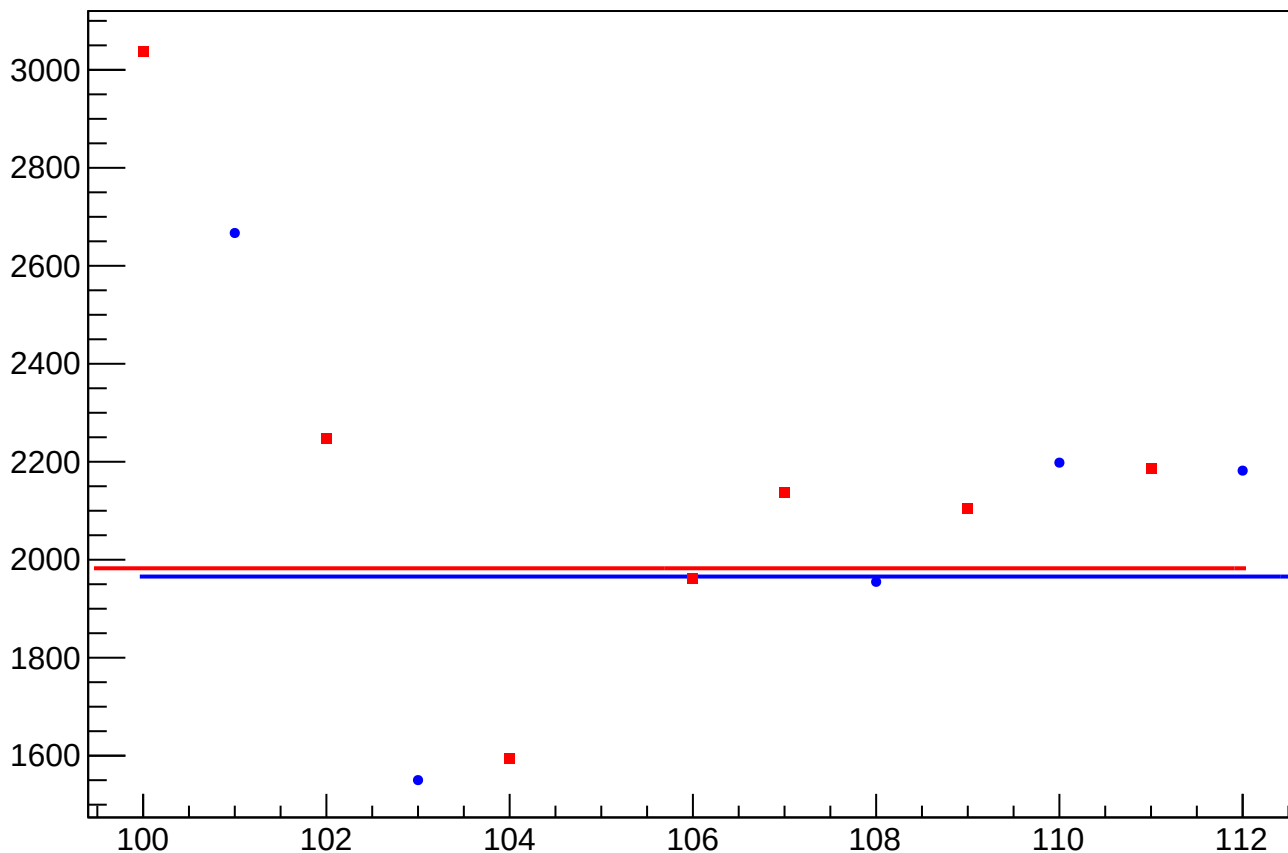
Right: 1516.418+/-882.261 χ^2/NDF : 12.2/11

In: 2120.046+/-1259.310 χ^2/NDF : 7.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1516.418+/-882.261 χ^2/NDF : 12.2/11

cor_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1965.676+/-0.890 χ^2/NDF : 196109.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1982.555+/-0.869 χ^2/NDF : 107906.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

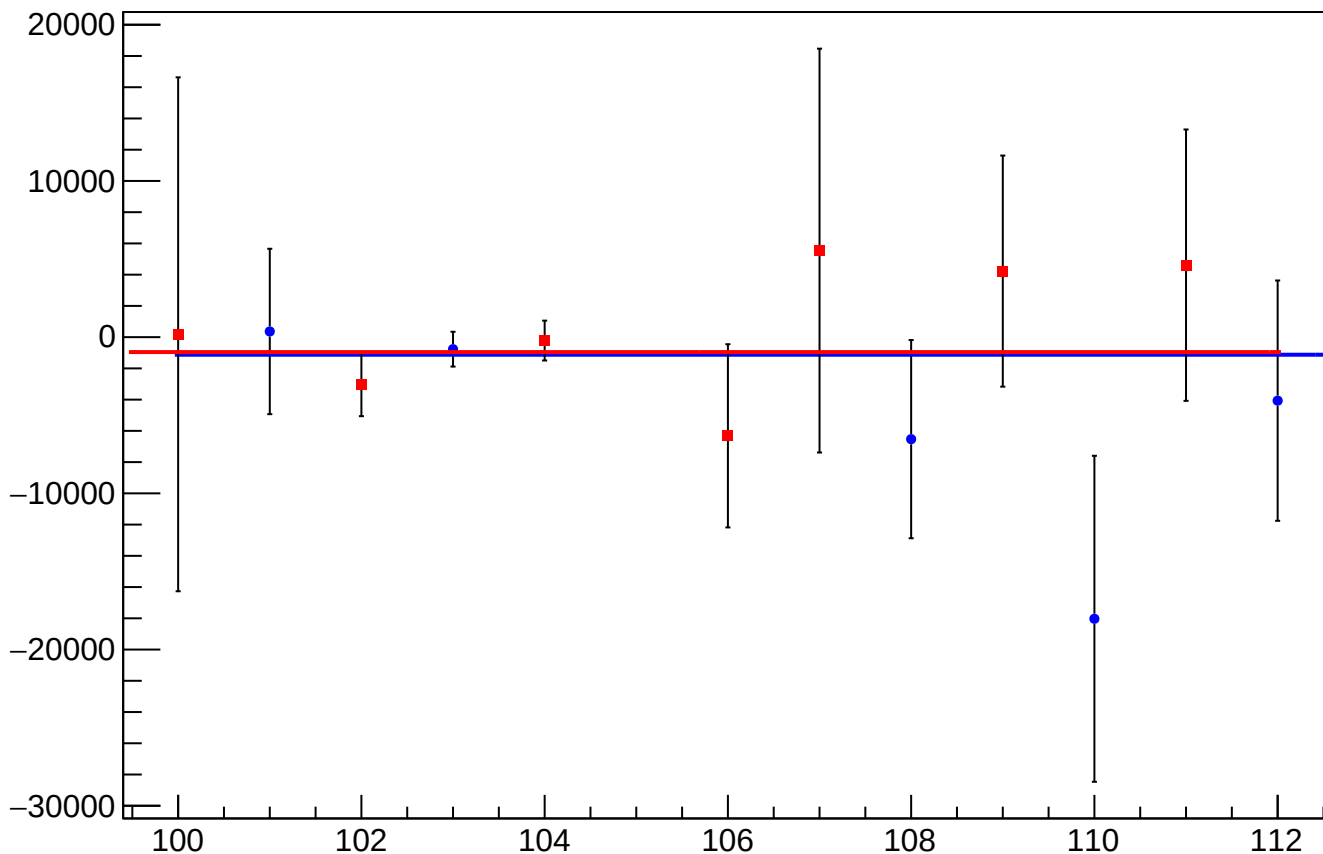
Right: 1974.324+/-0.622 χ^2/NDF : 304200.6/11

In: 1965.676+/-0.890 χ^2/NDF : 196109.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1974.324+/-0.622 χ^2/NDF : 304200.6/11

asym_atl1r2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1125.133+/-1058.834 χ^2/NDF : 3.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -955.457+/-1037.402 χ^2/NDF : 3.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

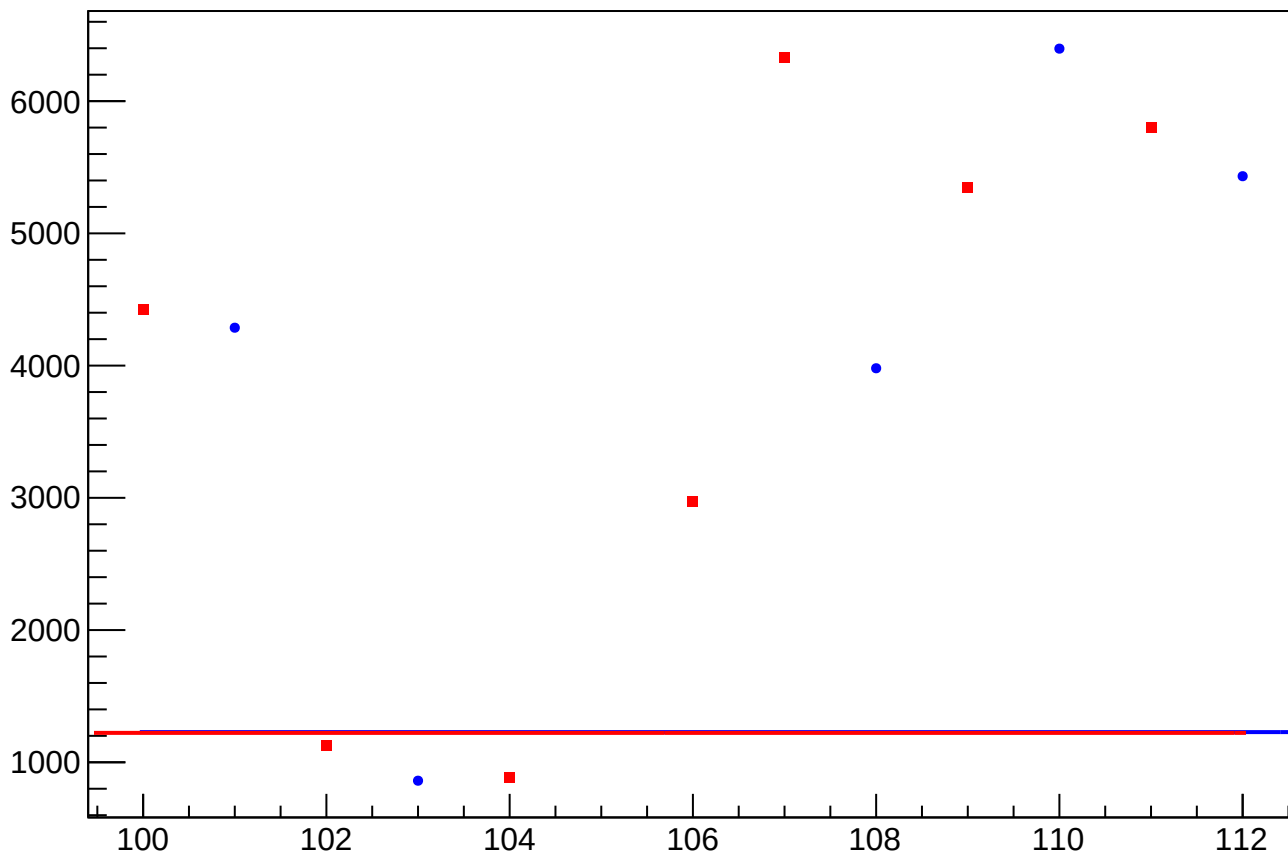
Right: -1038.561+/-741.015 χ^2/NDF : 7.1/11

In: -1125.133+/-1058.834 χ^2/NDF : 3.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1038.561+/-741.015 χ^2/NDF : 7.1/11

asym_atl1r2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1228.320+/-0.749 χ^2/NDF : 2349049.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1222.440+/-0.734 χ^2/NDF : 1887316.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

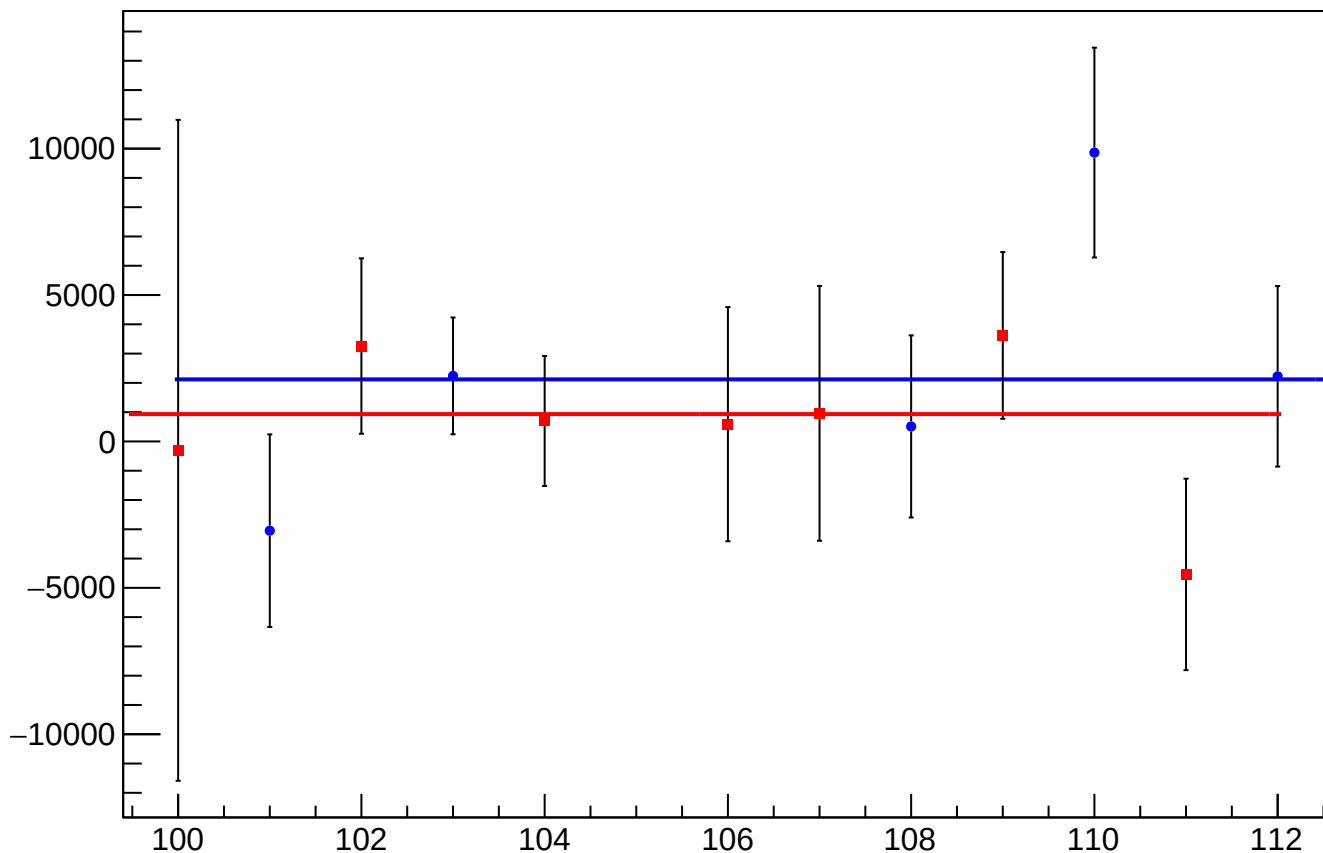
Right: 1225.320+/-0.524 χ^2/NDF : 4236396.9/11

In: 1228.320+/-0.749 χ^2/NDF : 2349049.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1225.320+/-0.524 χ^2/NDF : 4236396.9/11

eigen_cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2120.046+/-1259.310 χ^2/NDF : 7.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 934.538+/-1236.417 χ^2/NDF : 4.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

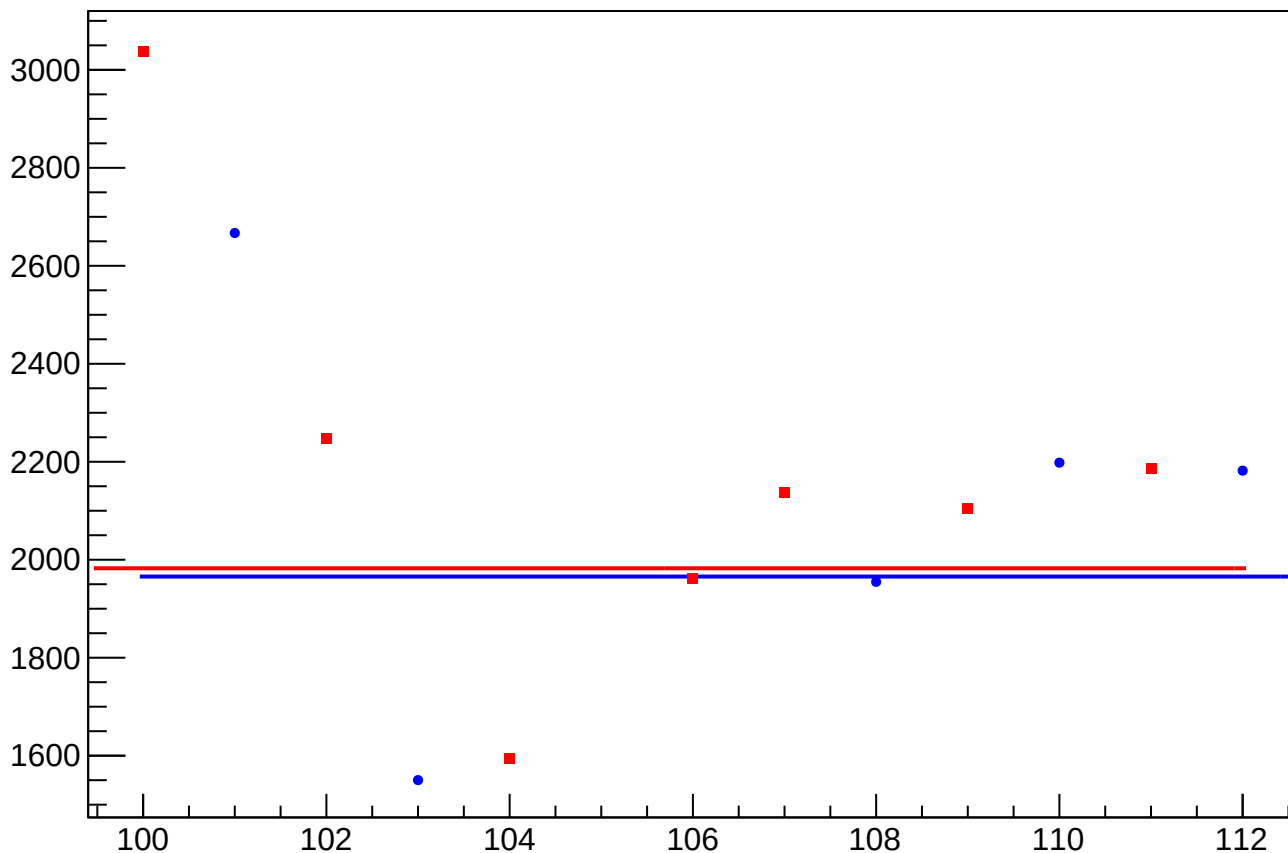
Right: 1516.418+/-882.261 χ^2/NDF : 12.2/11

In: 2120.046+/-1259.310 χ^2/NDF : 7.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1516.418+/-882.261 χ^2/NDF : 12.2/11

eigen_cor_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1965.676+/-0.890 χ^2/NDF : 196109.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1982.555+/-0.869 χ^2/NDF : 107906.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

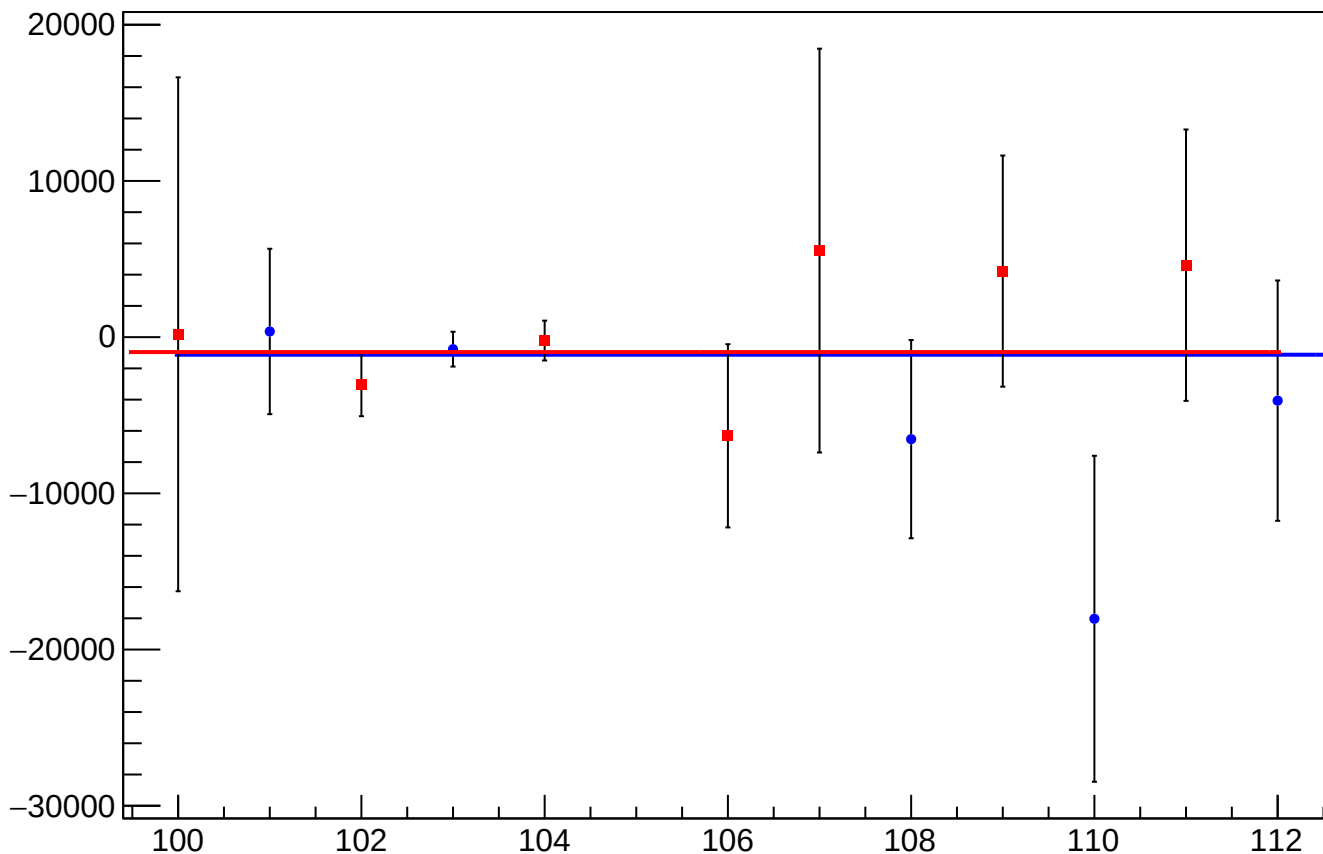
Right: 1974.324+/-0.622 χ^2/NDF : 304200.6/11

In: 1965.676+/-0.890 χ^2/NDF : 196109.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1974.324+/-0.622 χ^2/NDF : 304200.6/11

asym_atl1r2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1125.133+/-1058.834 χ^2/NDF : 3.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -955.457+/-1037.402 χ^2/NDF : 3.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

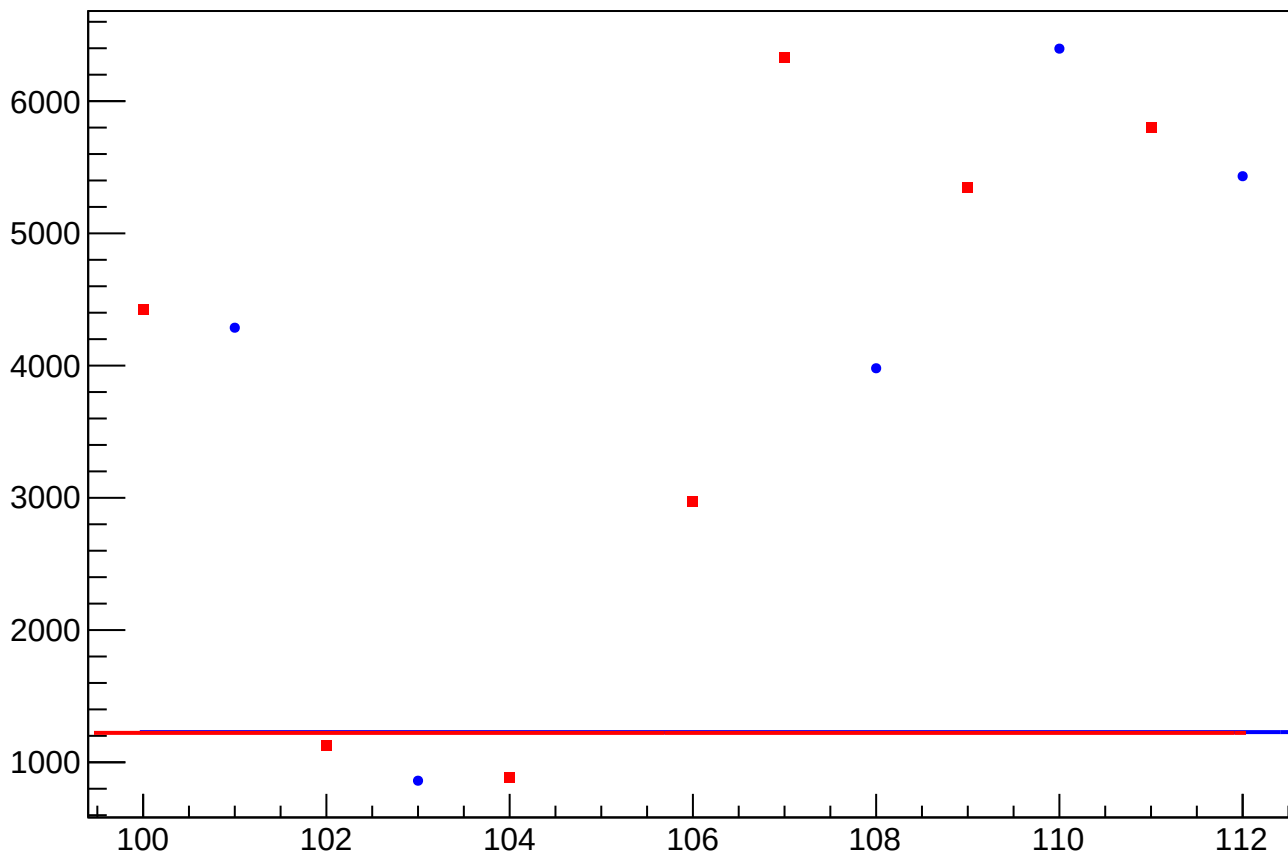
Right: -1038.561+/-741.015 χ^2/NDF : 7.1/11

In: -1125.133+/-1058.834 χ^2/NDF : 3.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1038.561+/-741.015 χ^2/NDF : 7.1/11

asym_atl1r2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1228.320+/-0.749 χ^2/NDF : 2349049.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1222.440+/-0.734 χ^2/NDF : 1887316.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

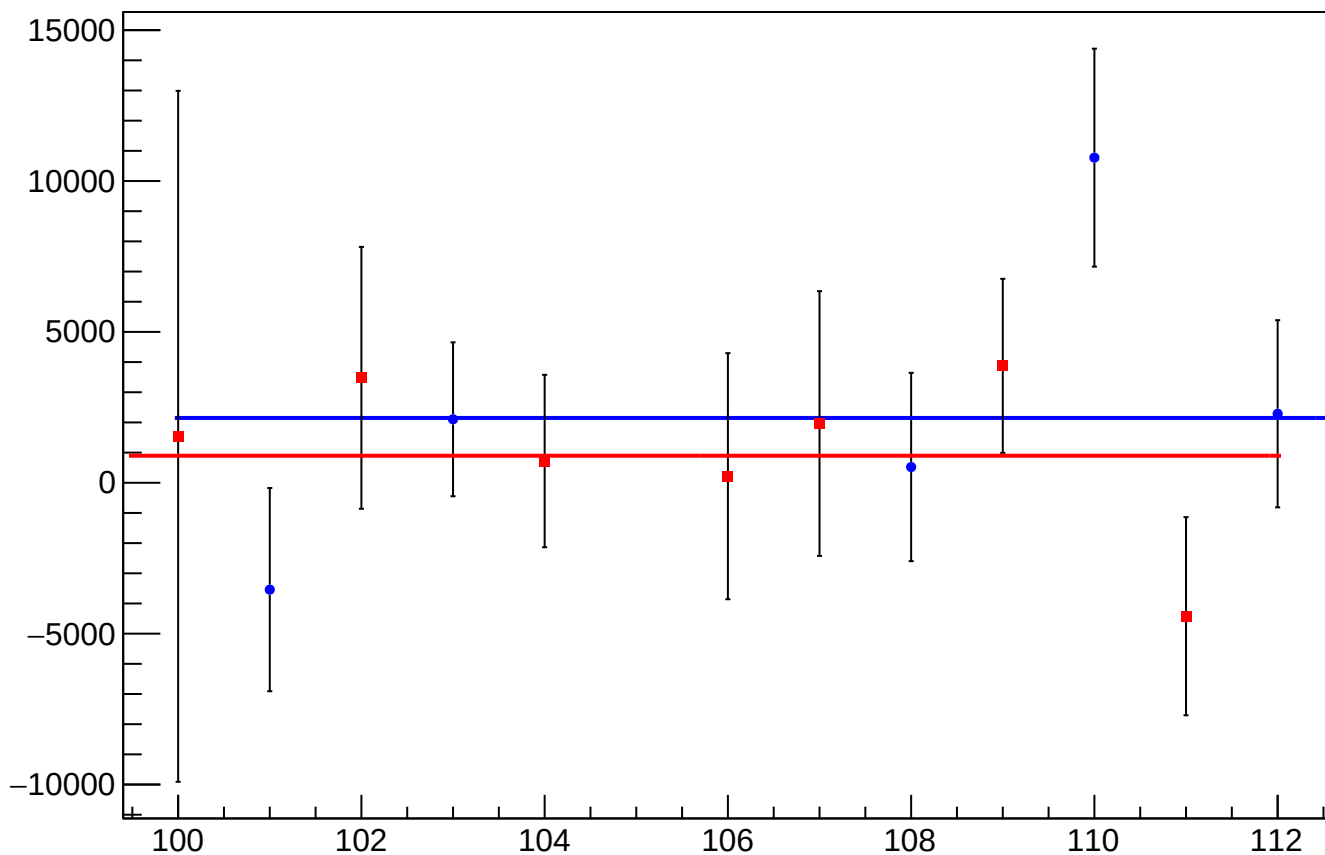
Right: 1225.320+/-0.524 χ^2/NDF : 4236396.9/11

In: 1228.320+/-0.749 χ^2/NDF : 2349049.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1225.320+/-0.524 χ^2/NDF : 4236396.9/11

dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2148.464+/-1379.786 χ^2/NDF : 8.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 896.339+/-1402.510 χ^2/NDF : 4.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

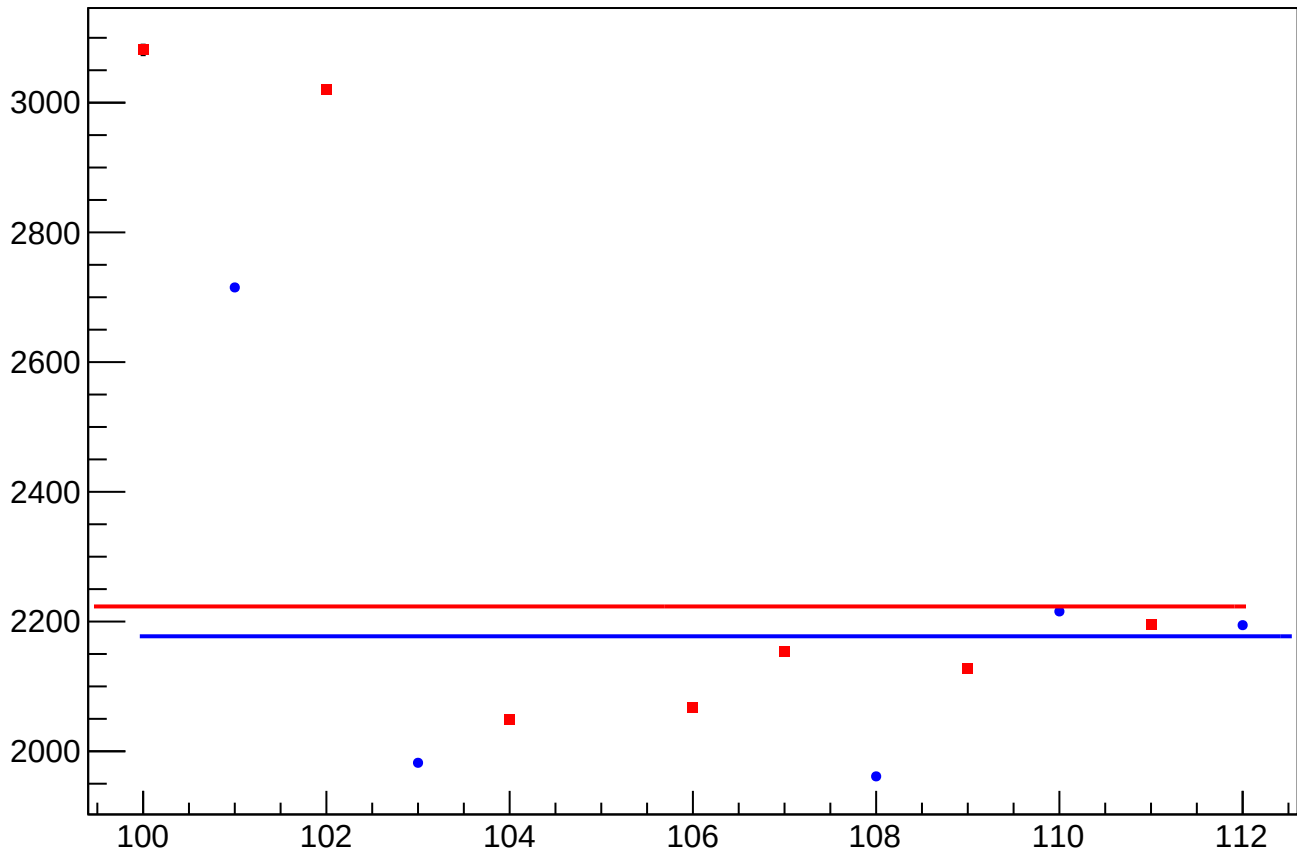
Right: 1532.627+/-983.592 χ^2/NDF : 13.4/11

In: 2148.464+/-1379.786 χ^2/NDF : 8.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1532.627+/-983.592 χ^2/NDF : 13.4/11

dit_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 2177.284+/-0.976 χ^2/NDF : 72593.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2223.279+/-0.989 χ^2/NDF : 92172.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

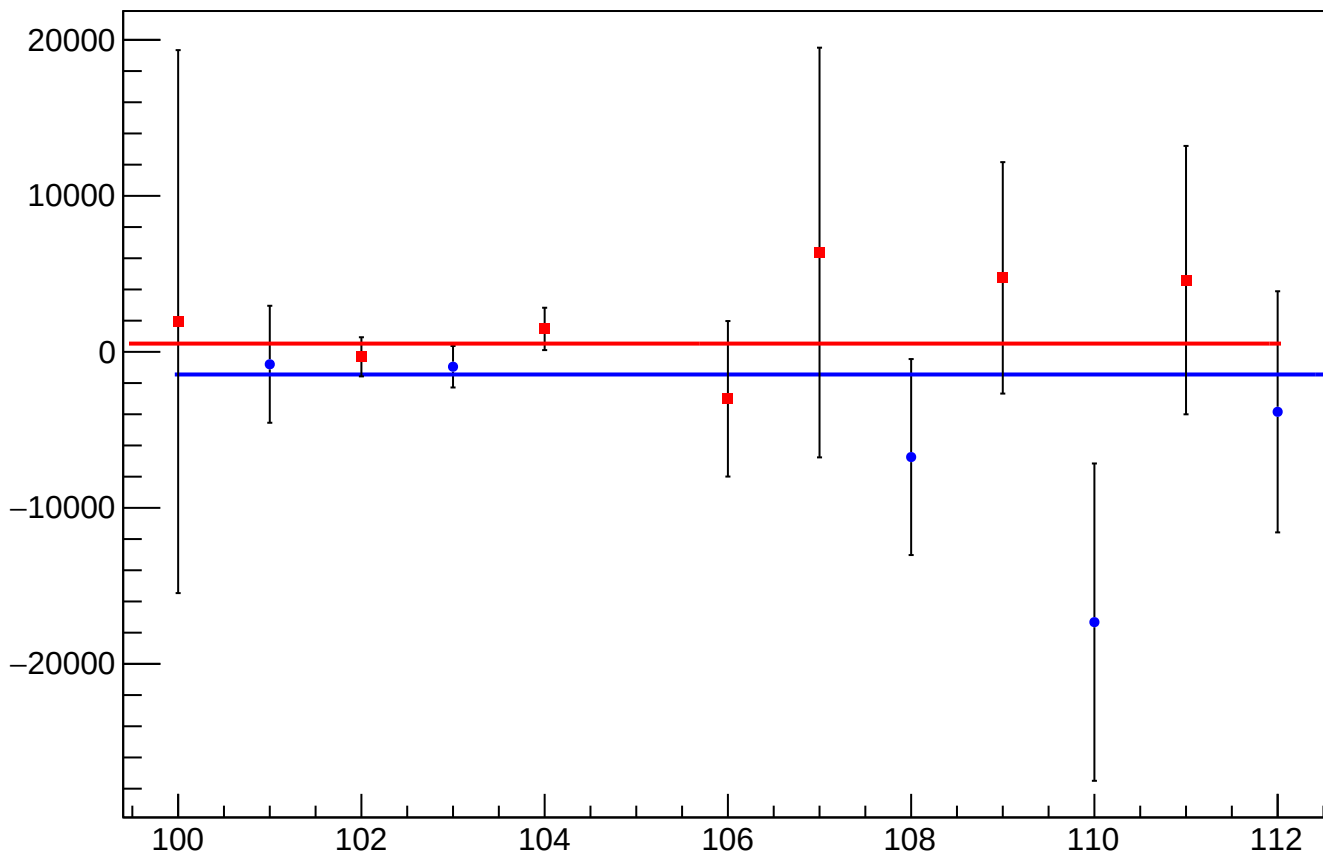
Right: 2199.977+/-0.694 χ^2/NDF : 165862.6/11

In: 2177.284+/-0.976 χ^2/NDF : 72593.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2199.977+/-0.694 χ^2/NDF : 165862.6/11

asym_atl1r2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1450.168+/-1205.718 χ^2/NDF : 3.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 530.210+/-891.181 χ^2/NDF : 2.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

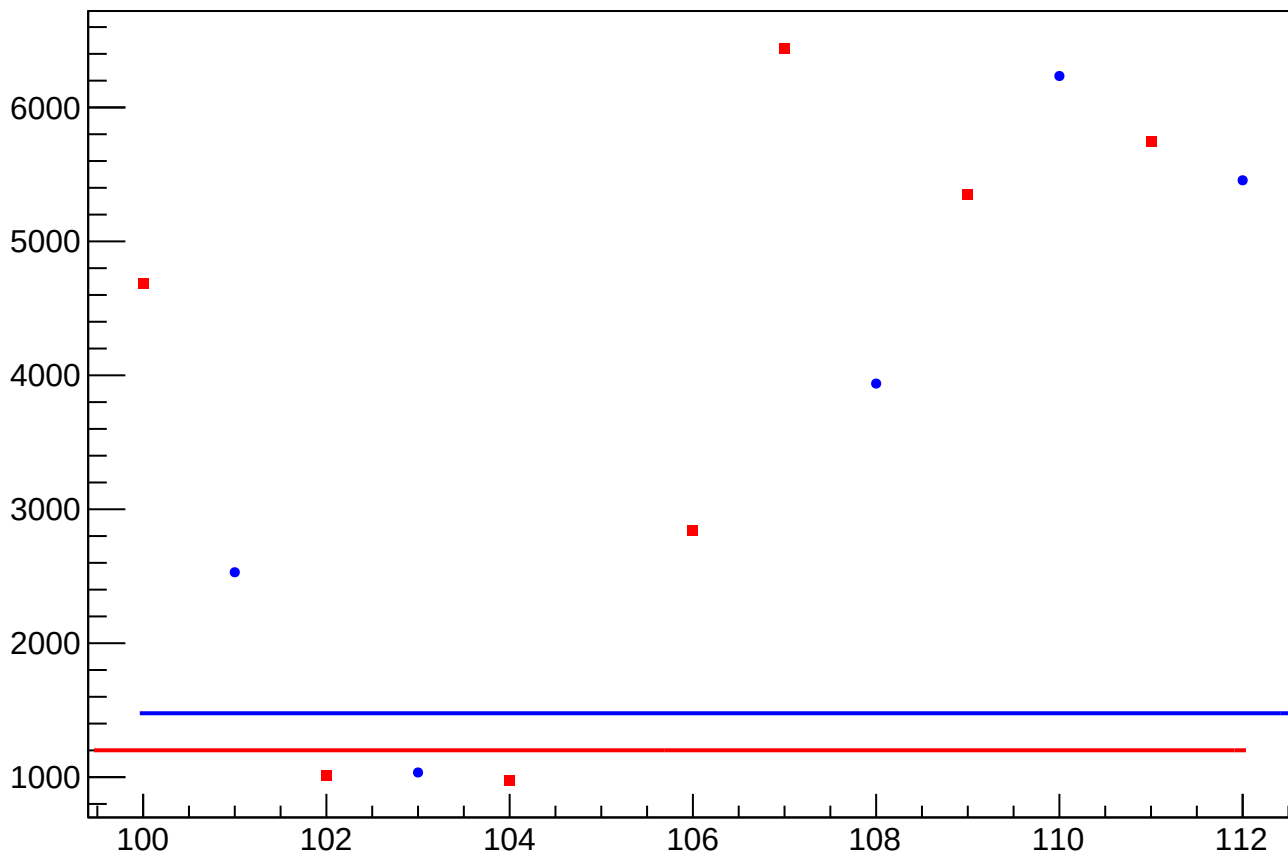
Right: -169.457+/-716.667 χ^2/NDF : 7.3/11

In: -1450.168+/-1205.718 χ^2/NDF : 3.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -169.457+/-716.667 χ^2/NDF : 7.3/11

asym_atl1r2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1477.037+/-0.853 χ^2/NDF : 1653458.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1200.593+/-0.630 χ^2/NDF : 1901586.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

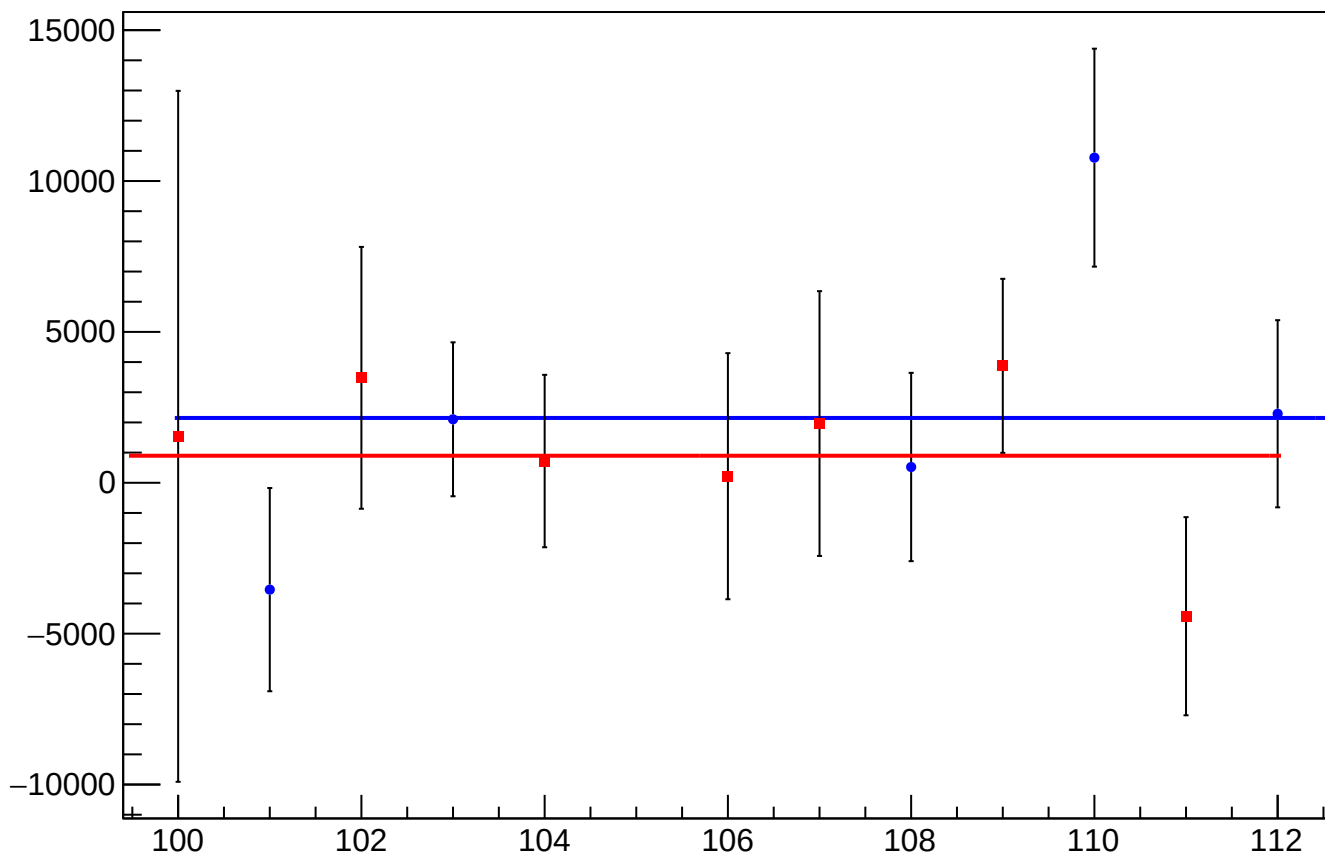
Right: 1298.260+/-0.507 χ^2/NDF : 3623036.0/11

In: 1477.037+/-0.853 χ^2/NDF : 1653458.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1298.260+/-0.507 χ^2/NDF : 3623036.0/11

eigen_dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2148.458+/-1379.785 χ^2/NDF : 8.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 896.338+/-1402.509 χ^2/NDF : 4.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

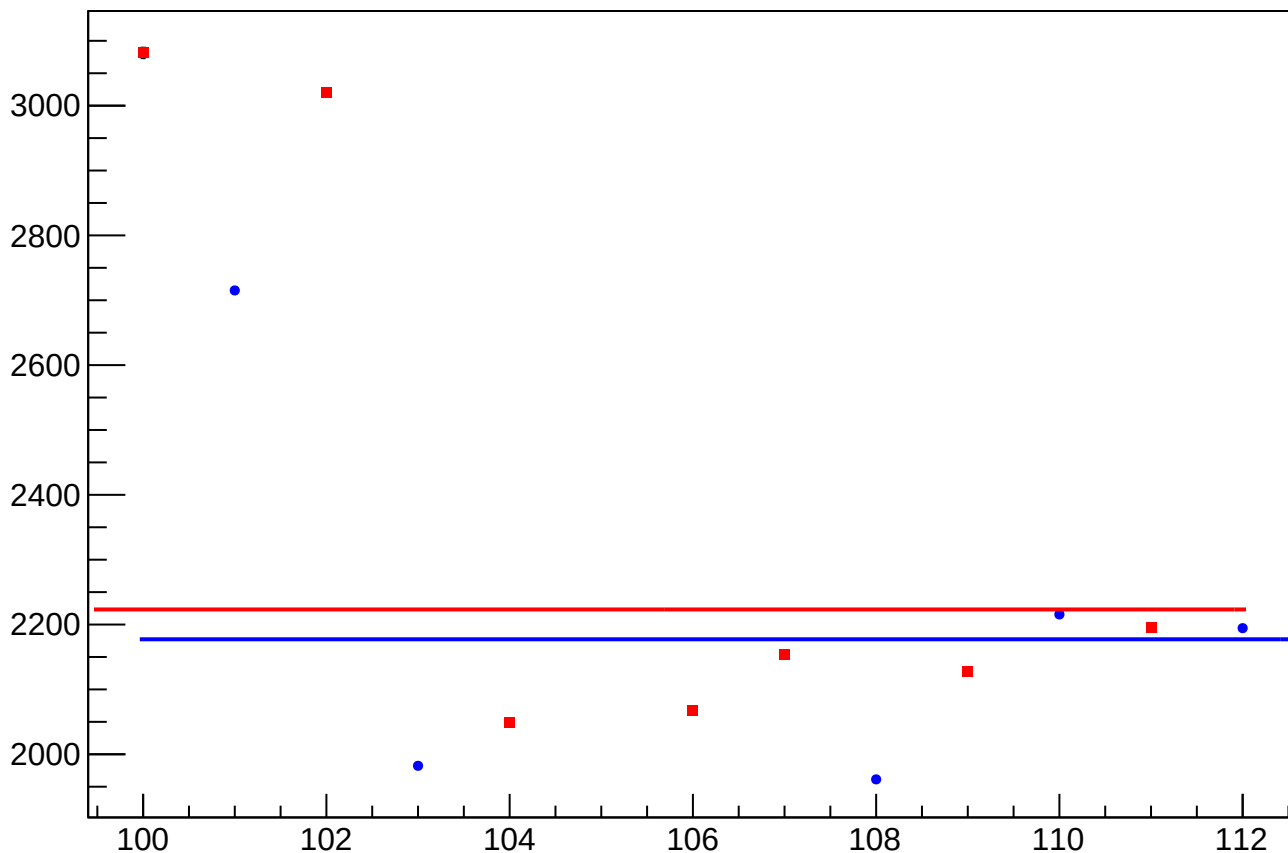
Right: 1532.624+/-983.591 χ^2/NDF : 13.4/11

In: 2148.458+/-1379.785 χ^2/NDF : 8.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1532.624+/-983.591 χ^2/NDF : 13.4/11

eigen_dit_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 2177.282+/-0.976 χ^2/NDF : 72593.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2223.277+/-0.989 χ^2/NDF : 92172.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

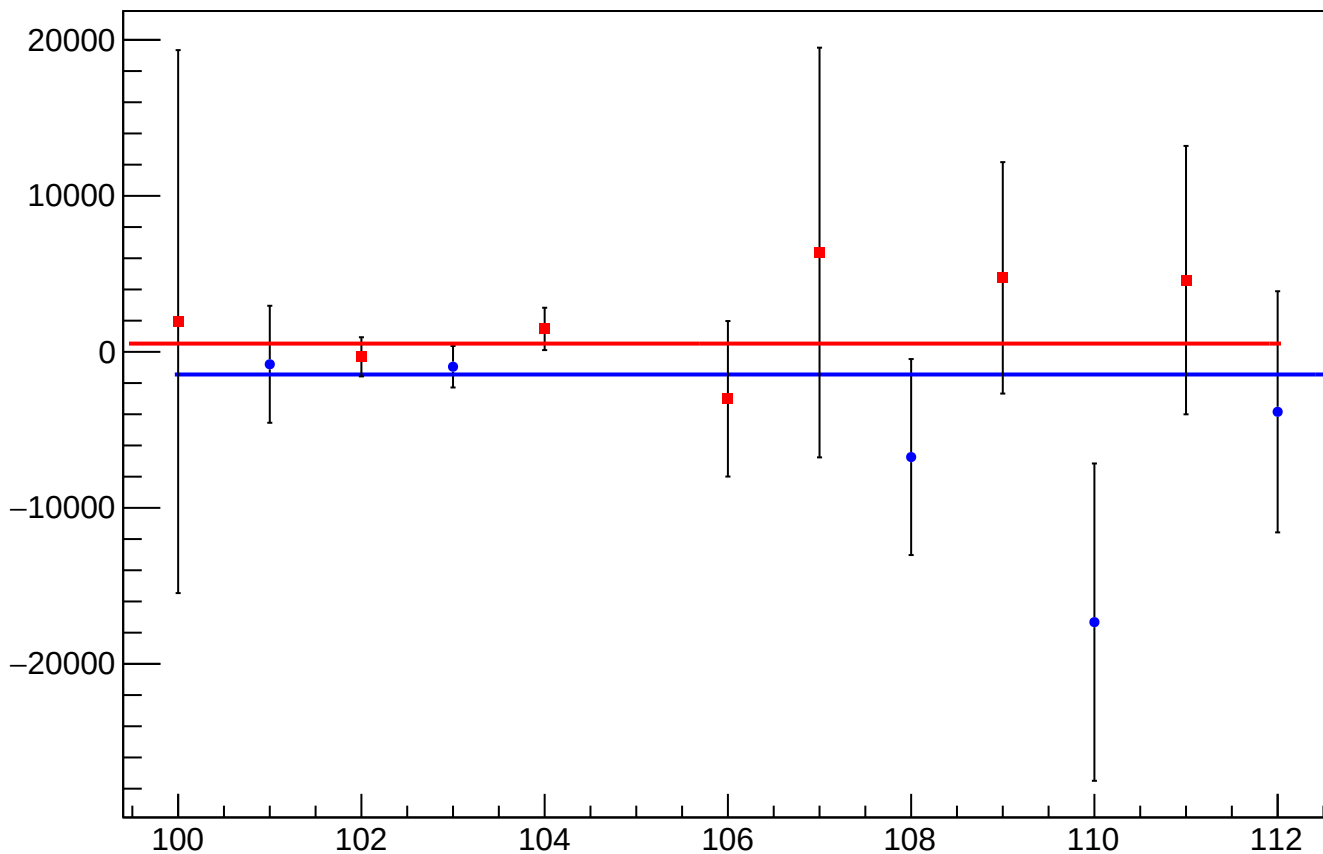
Right: 2199.975+/-0.694 χ^2/NDF : 165862.7/11

In: 2177.282+/-0.976 χ^2/NDF : 72593.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2199.975+/-0.694 χ^2/NDF : 165862.7/11

asym_atl1r2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1450.174+/-1205.718 χ^2/NDF : 3.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 530.205+/-891.181 χ^2/NDF : 2.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

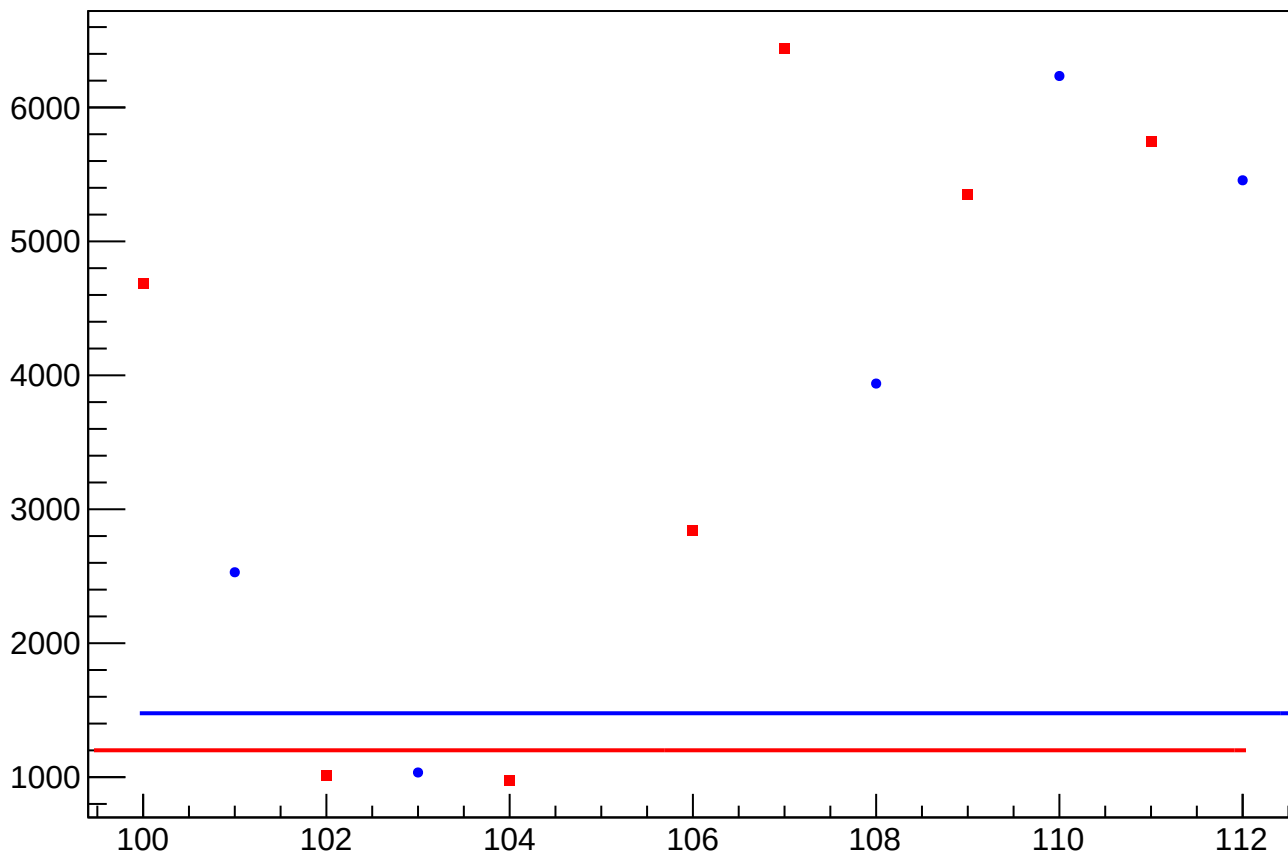
Right: -169.462+/-716.667 χ^2/NDF : 7.3/11

In: -1450.174+/-1205.718 χ^2/NDF : 3.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -169.462+/-716.667 χ^2/NDF : 7.3/11

asym_atl1r2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1477.036+/-0.853 χ^2/NDF : 1653458.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1200.592+/-0.630 χ^2/NDF : 1901584.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

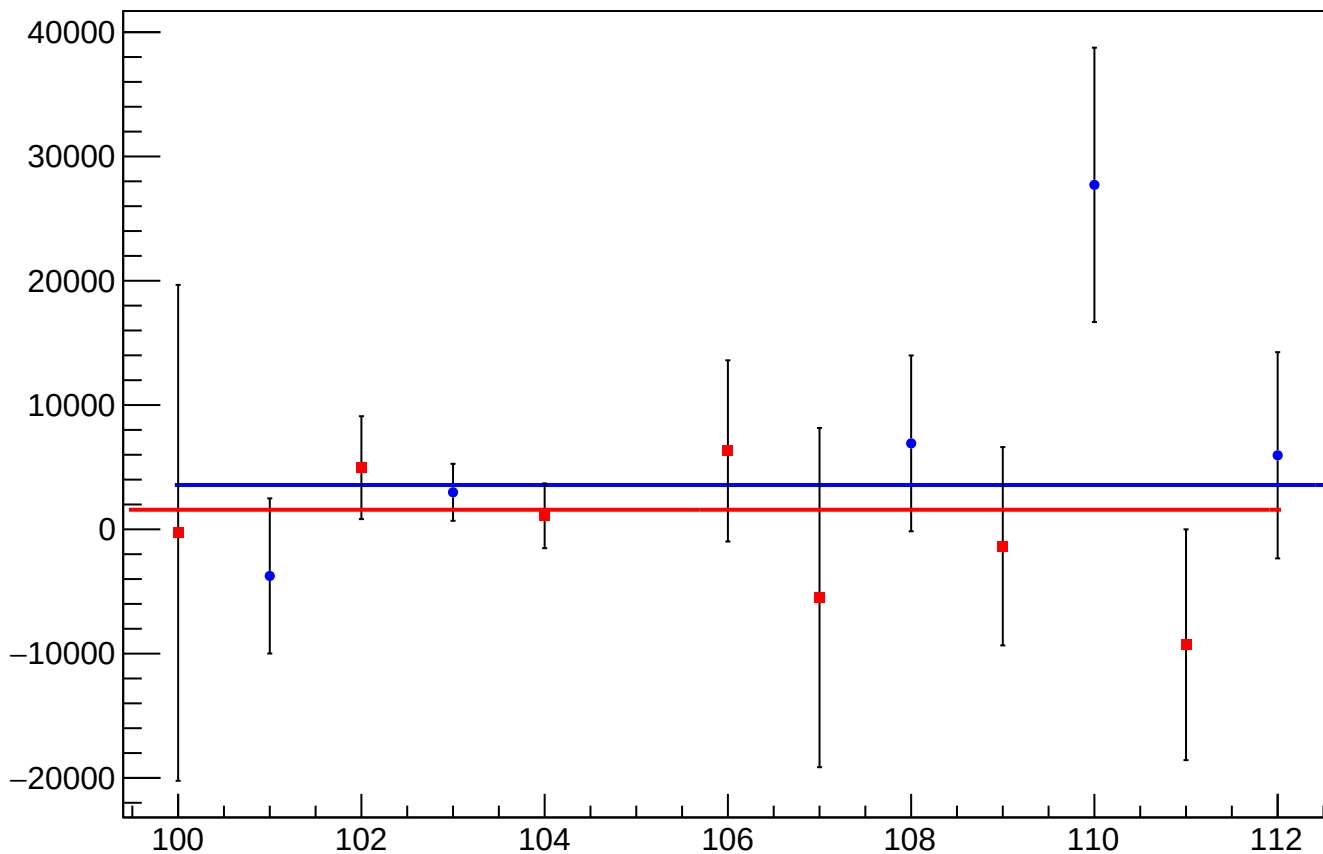
Right: 1298.260+/-0.507 χ^2/NDF : 3623034.7/11

In: 1477.036+/-0.853 χ^2/NDF : 1653458.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1298.260+/-0.507 χ^2/NDF : 3623034.7/11

asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 3567.838+/-1965.796 χ^2/NDF : 6.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1577.739+/-1962.804 χ^2/NDF : 2.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

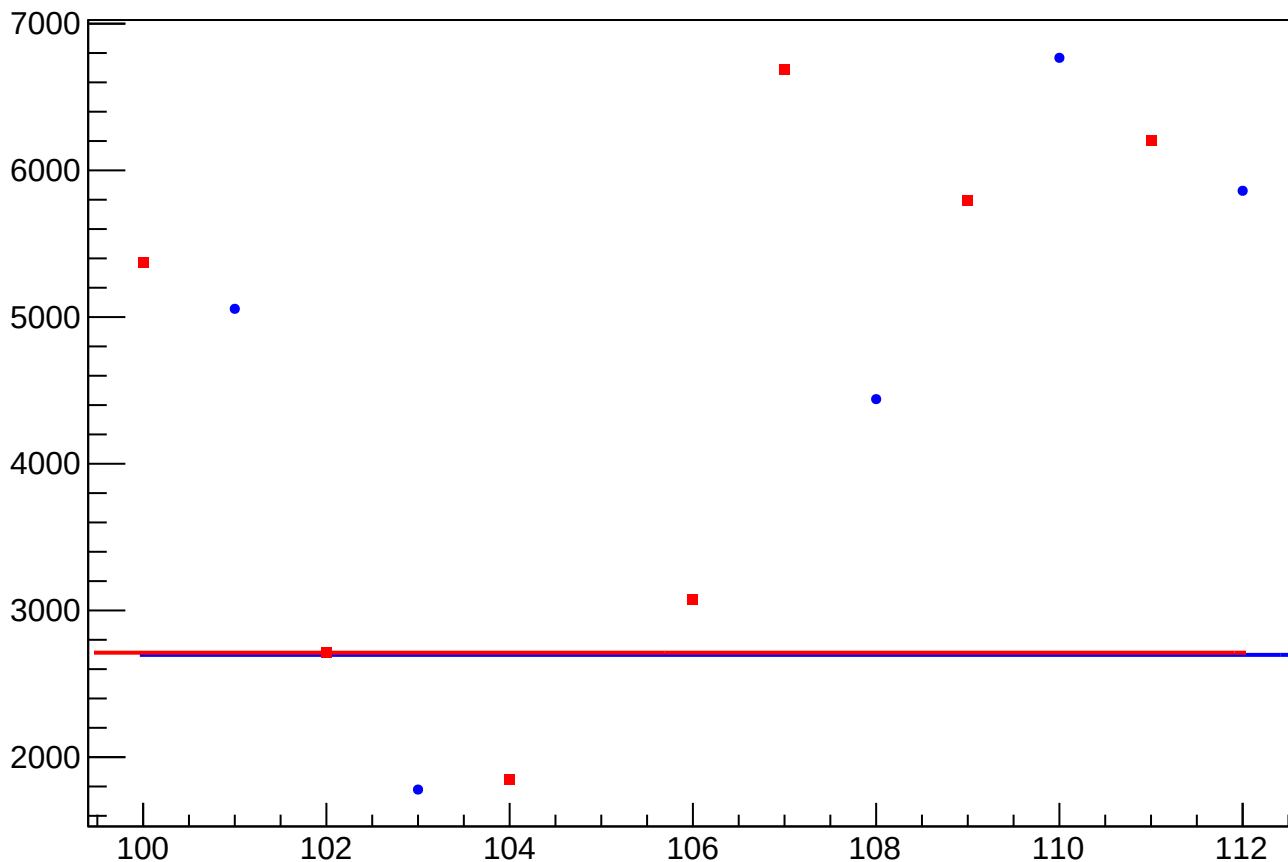
Right: 2571.273+/-1388.969 χ^2/NDF : 10.0/11

In: 3567.838+/-1965.796 χ^2/NDF : 6.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2571.273+/-1388.969 χ^2/NDF : 10.0/11

asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 2697.257+/-1.390 χ^2/NDF : 1291083.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2712.221+/-1.366 χ^2/NDF : 1012325.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

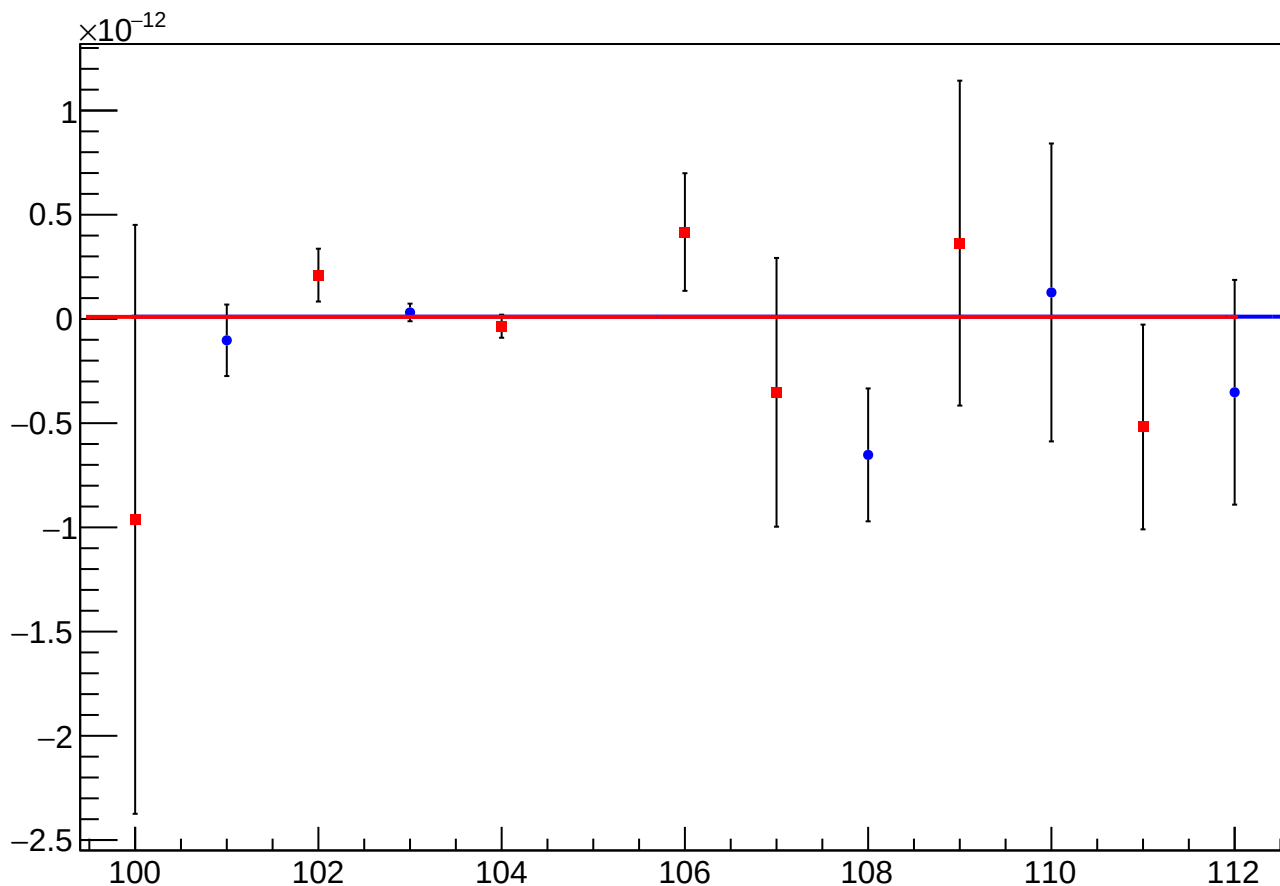
Right: 2704.870+/-0.974 χ^2/NDF : 2303467.3/11

In: 2697.257+/-1.390 χ^2/NDF : 1291083.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2704.870+/-0.974 χ^2/NDF : 2303467.3/11

asym_atl1r2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

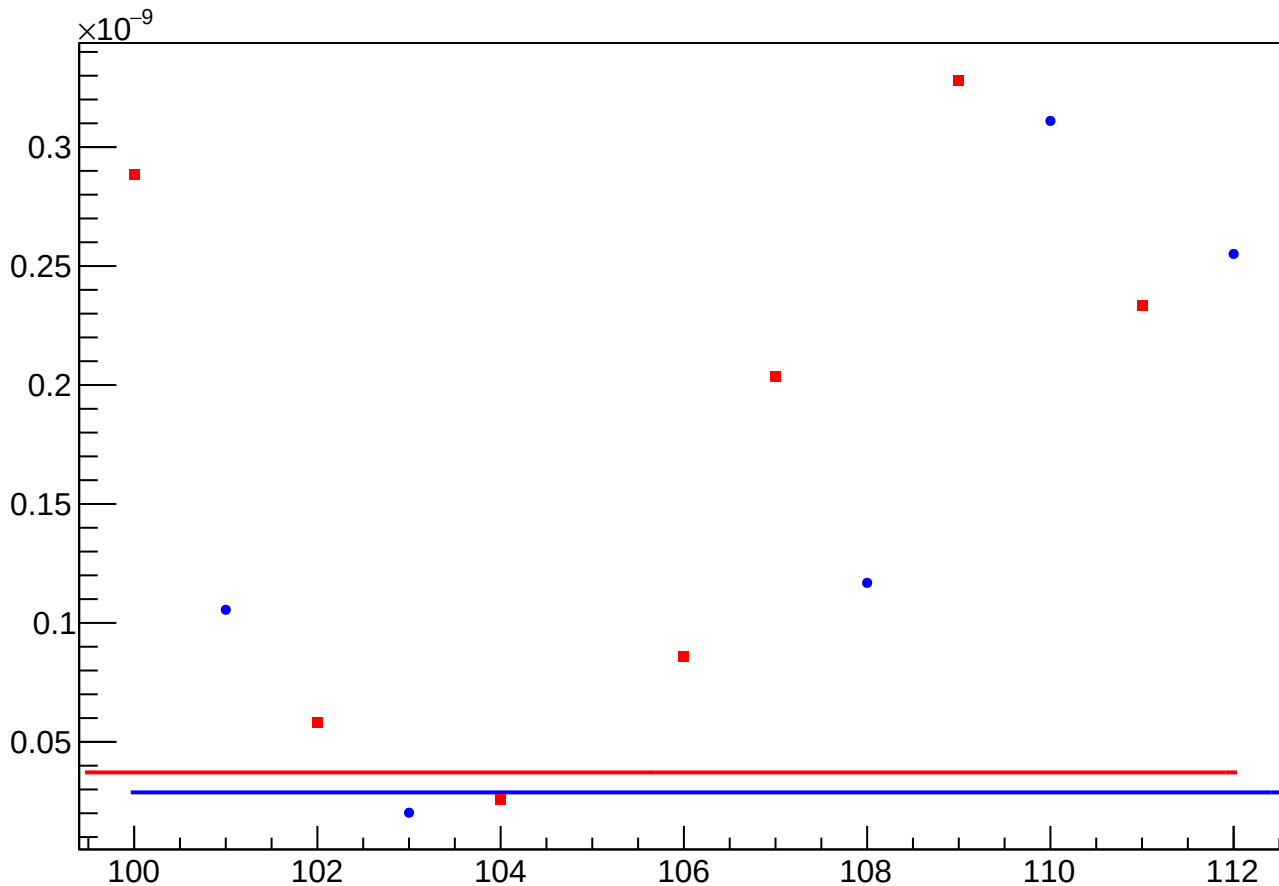
Right: 0.000+/-0.000 χ^2/NDF : 12.9/11

In: 0.000+/-0.000 χ^2/NDF : 5.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.9/11

asym_atl1r2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1300048.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 995662.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

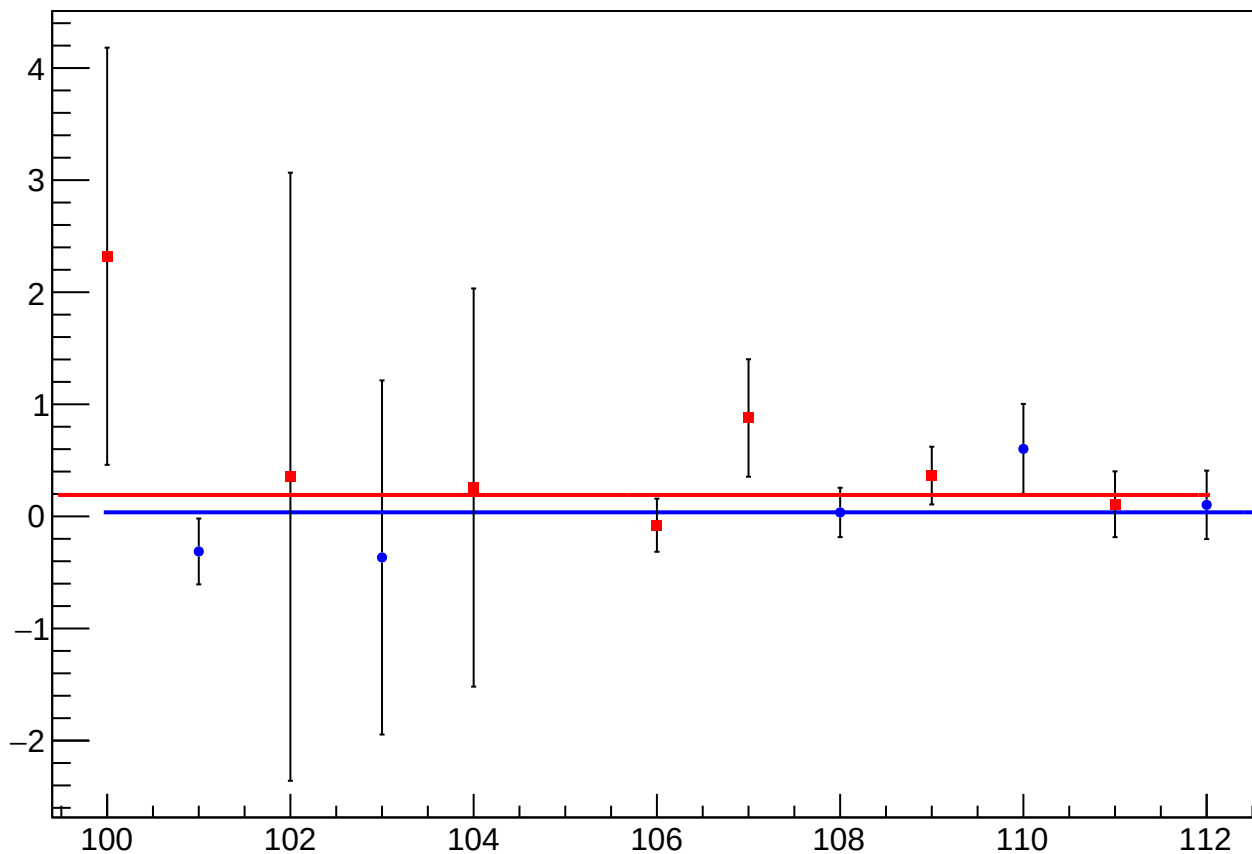
Right: 0.000+/-0.000 χ^2/NDF : 2330349.9/11

In: 0.000+/-0.000 χ^2/NDF : 1300048.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2330349.9/11

asym_atl1r2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.036 $\pm$ 0.142 χ^2 /NDF: 3.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.191 $\pm$ 0.143 χ^2 /NDF: 4.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

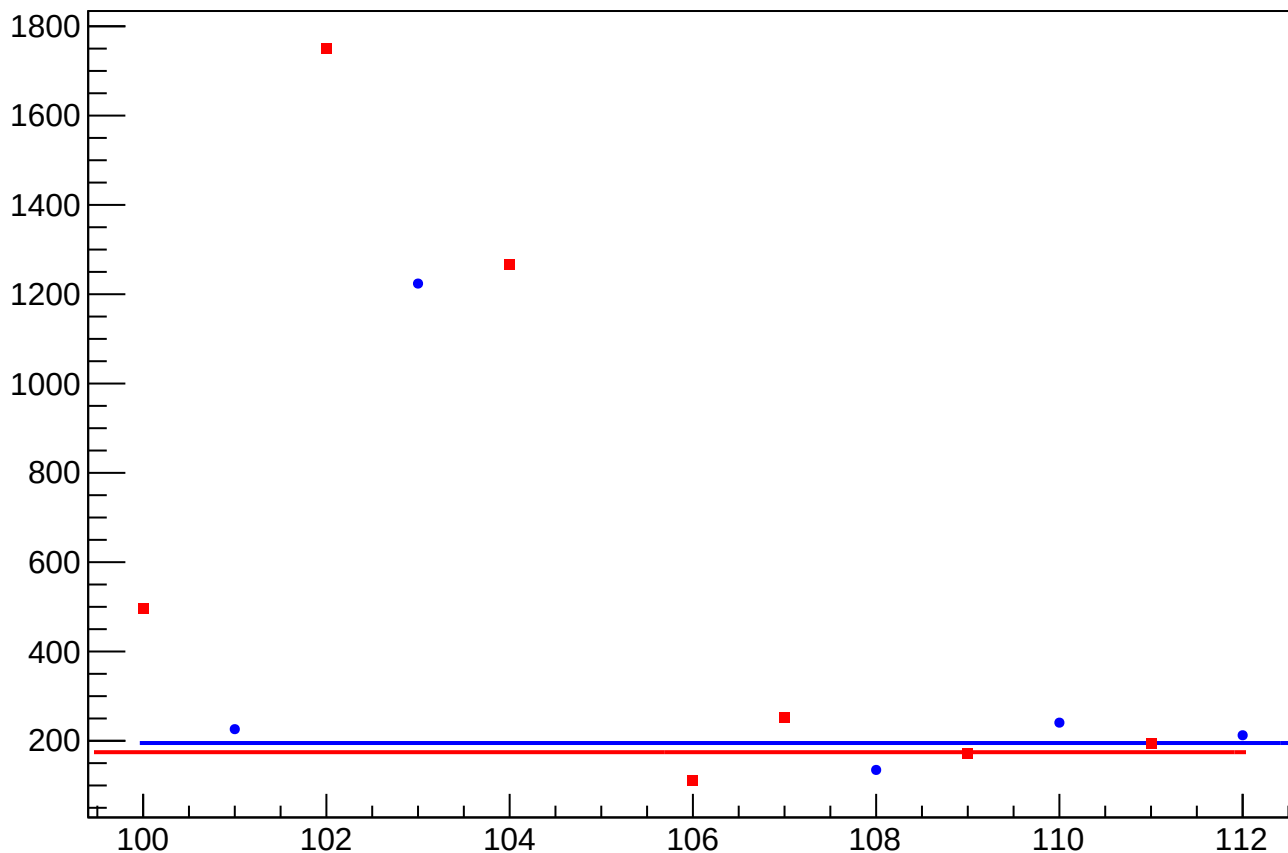
Right: 0.113 $\pm$ 0.101 χ^2 /NDF: 9.0/11

In: 0.036 $\pm$ 0.142 χ^2 /NDF:3.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.113 $\pm$ 0.101 χ^2 /NDF: 9.0/11

asym_atl1r2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 195.066+/-0.100 χ^2/NDF : 1052839.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.548+/-0.101 χ^2/NDF : 1691651.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

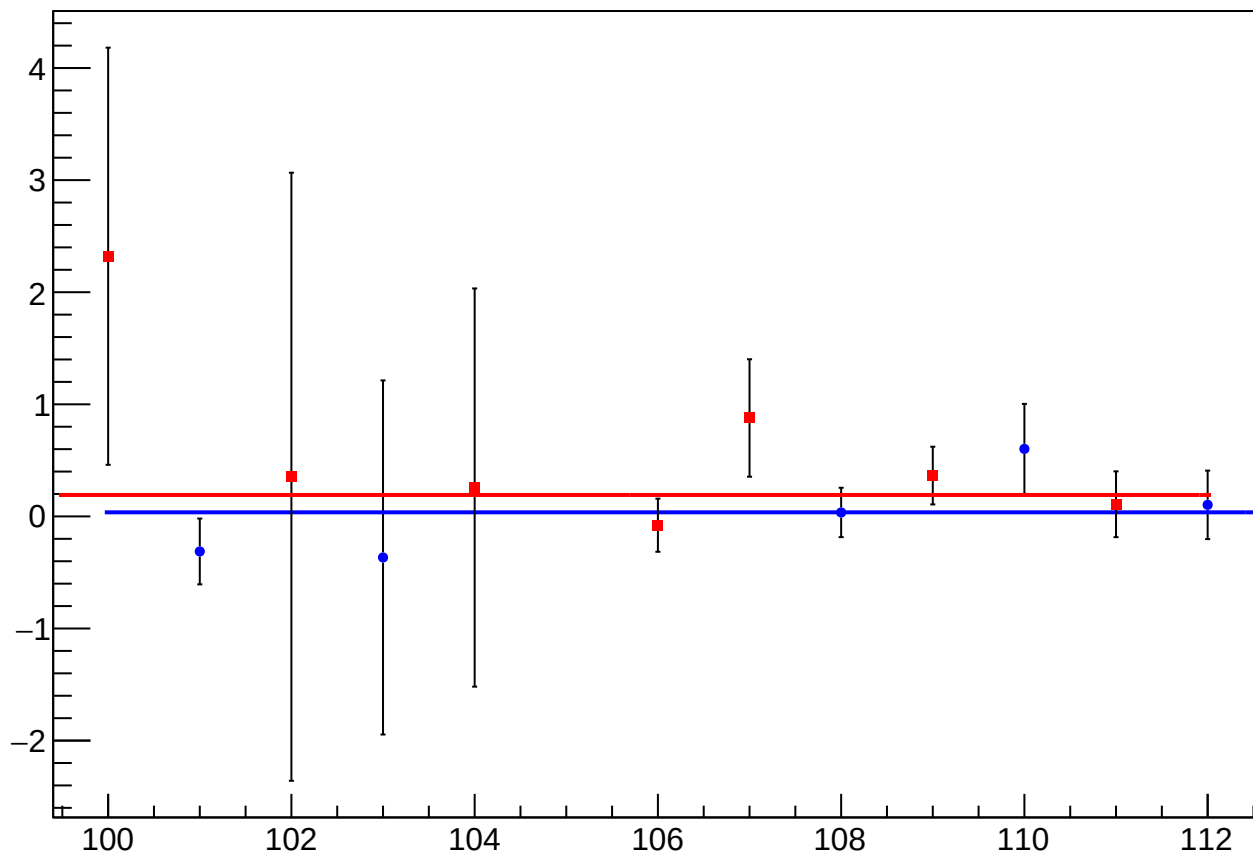
Right: 184.876+/-0.071 χ^2/NDF : 2765203.7/11

In: 195.066+/-0.100 χ^2/NDF : 1052839.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.876+/-0.071 χ^2/NDF : 2765203.7/11

asym_atl1r2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.036 $\pm$ 0.142 χ^2 /NDF: 3.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.191 $\pm$ 0.143 χ^2 /NDF: 4.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

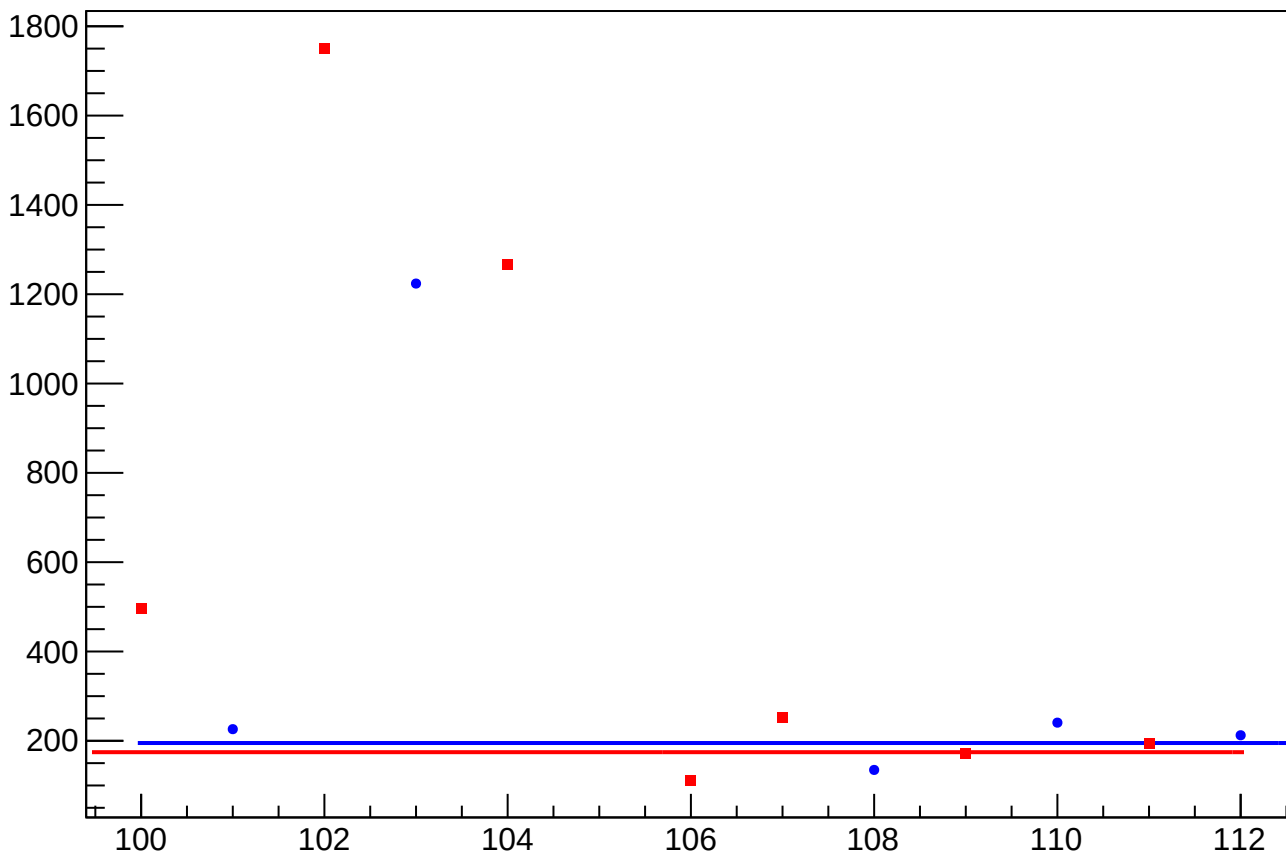
Right: 0.113 $\pm$ 0.101 χ^2 /NDF: 9.0/11

In: 0.036 $\pm$ 0.142 χ^2 /NDF:3.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.113 $\pm$ 0.101 χ^2 /NDF: 9.0/11

asym_atl1r2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 195.066+/-0.100 χ^2/NDF : 1052839.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.548+/-0.101 χ^2/NDF : 1691651.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

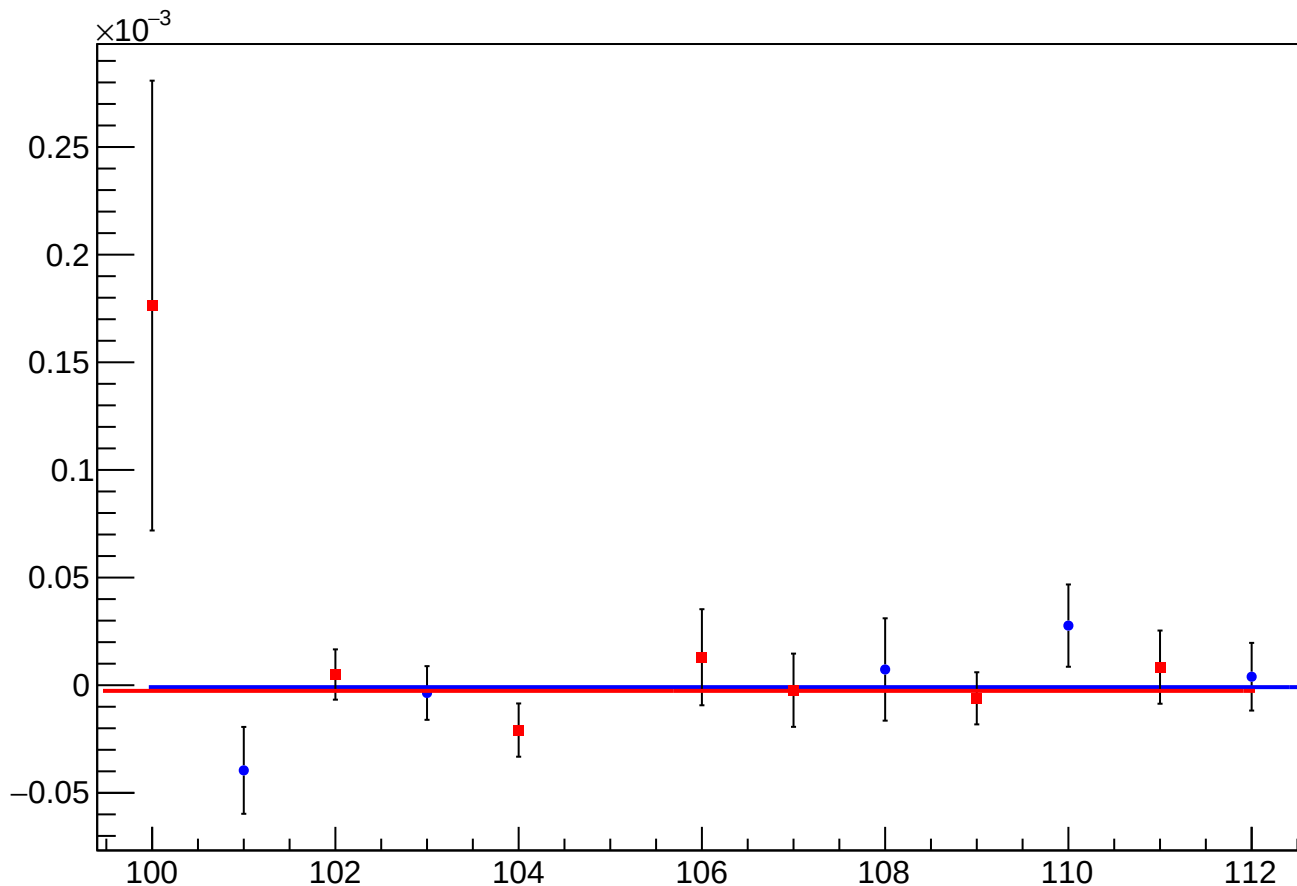
Right: 184.876+/-0.071 χ^2/NDF : 2765203.7/11

In: 195.066+/-0.100 χ^2/NDF : 1052839.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.876+/-0.071 χ^2/NDF : 2765203.7/11

asym_atl1r2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

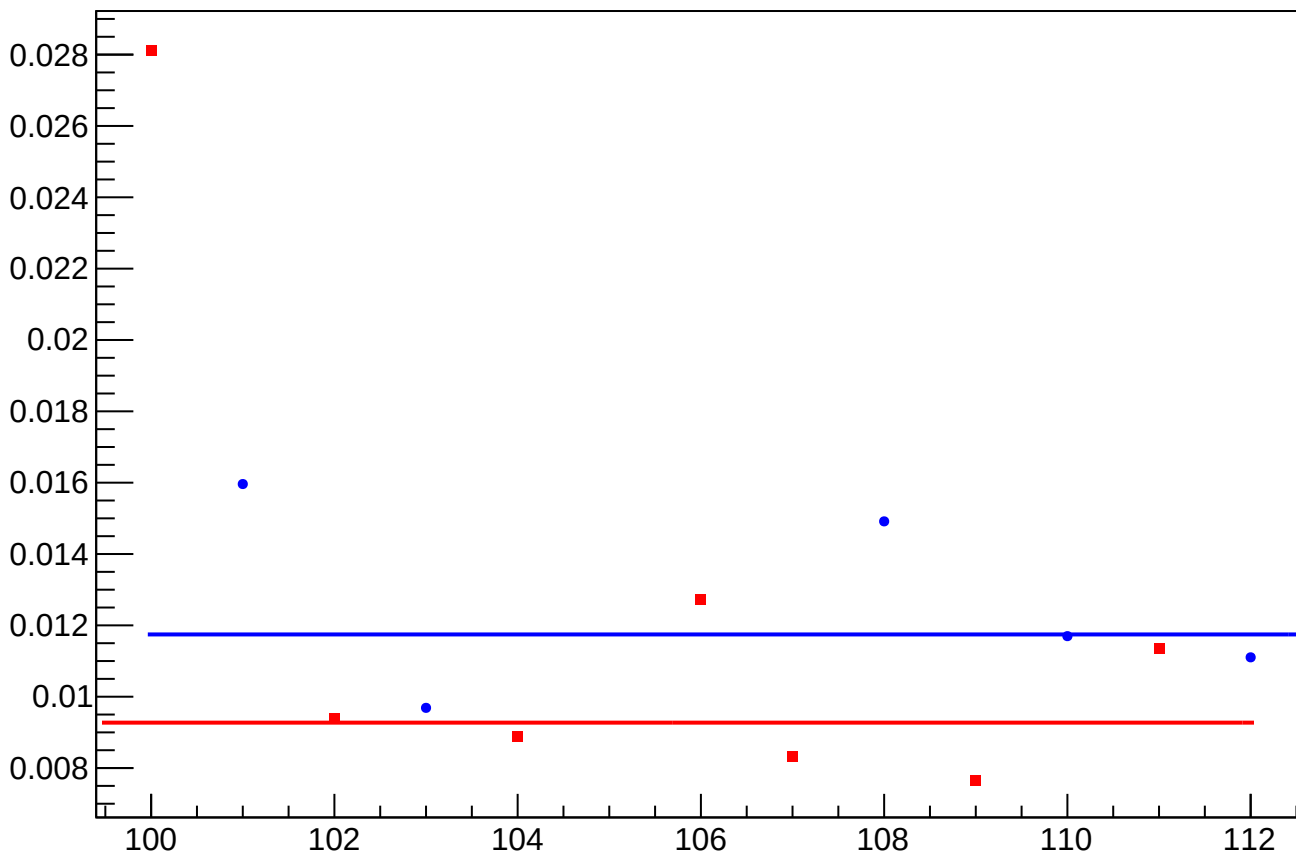
Right: -0.000+/-0.000 χ^2/NDF : 12.7/11

In: -0.000+/-0.000 χ^2/NDF : 6.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.7/11

asym_atl1r2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 180706.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 187086.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

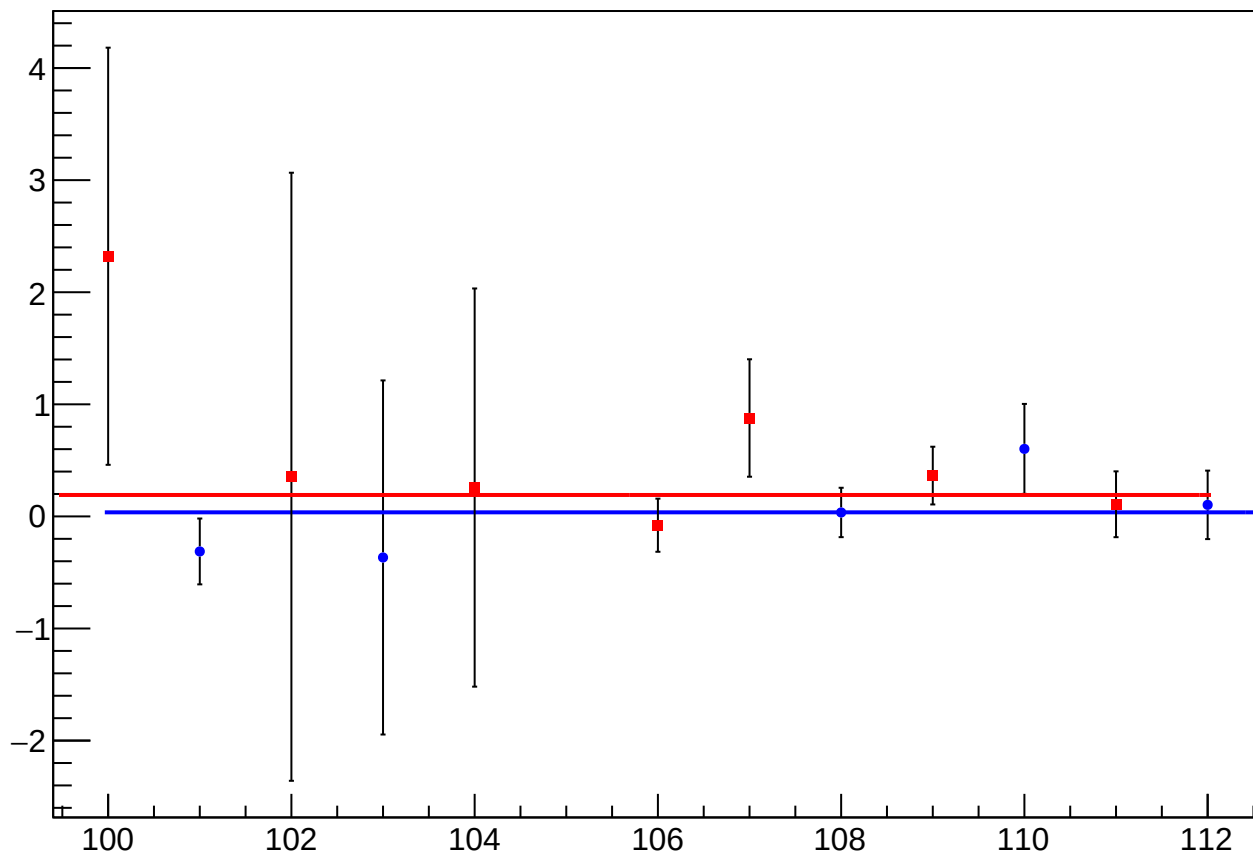
Right: 0.010+/-0.000 χ^2/NDF : 502162.6/11

In: 0.012+/-0.000 χ^2/NDF : 180706.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 502162.6/11

asym_atl1r2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.036 $\pm$ 0.142 χ^2 /NDF: 3.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.191 $\pm$ 0.143 χ^2 /NDF: 4.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

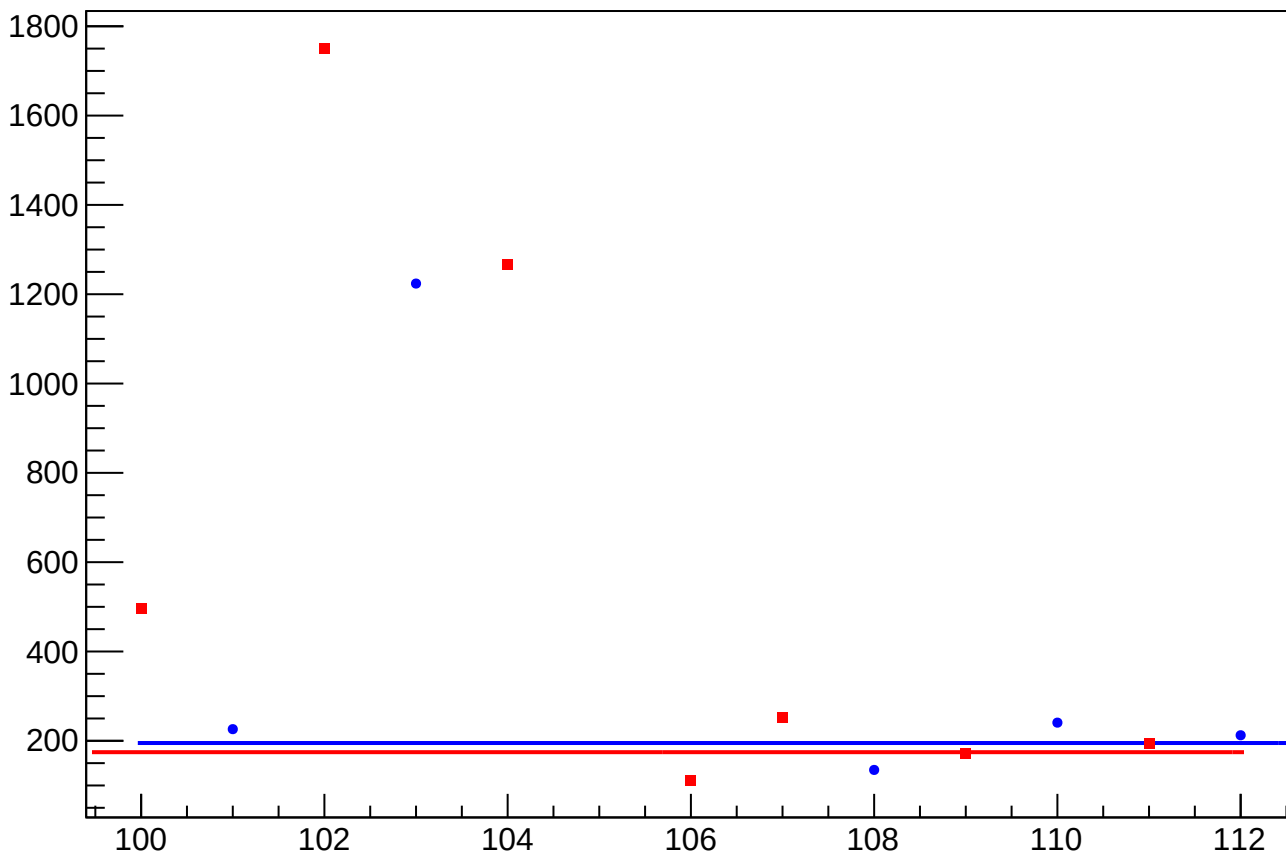
Right: 0.113 $\pm$ 0.101 χ^2 /NDF: 9.0/11

In: 0.036 $\pm$ 0.142 χ^2 /NDF:3.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.113 $\pm$ 0.101 χ^2 /NDF: 9.0/11

asym_atl1r2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 195.066+/-0.100 χ^2/NDF : 1052848.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.546+/-0.101 χ^2/NDF : 1691679.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

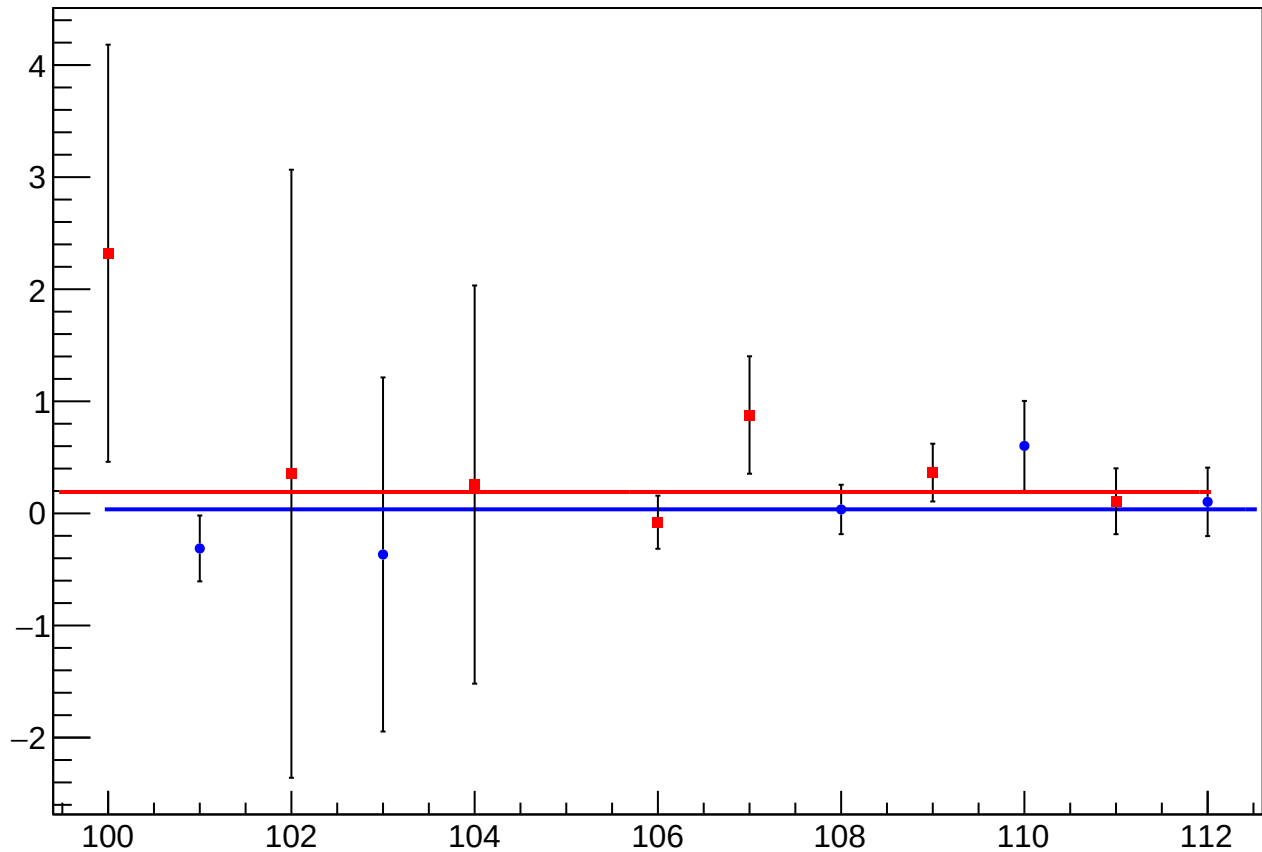
Right: 184.875+/-0.071 χ^2/NDF : 2765244.5/11

In: 195.066+/-0.100 χ^2/NDF : 1052848.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.875+/-0.071 χ^2/NDF : 2765244.5/11

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.036 $\pm$ 0.142 χ^2 /NDF: 3.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.191 $\pm$ 0.143 χ^2 /NDF: 4.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

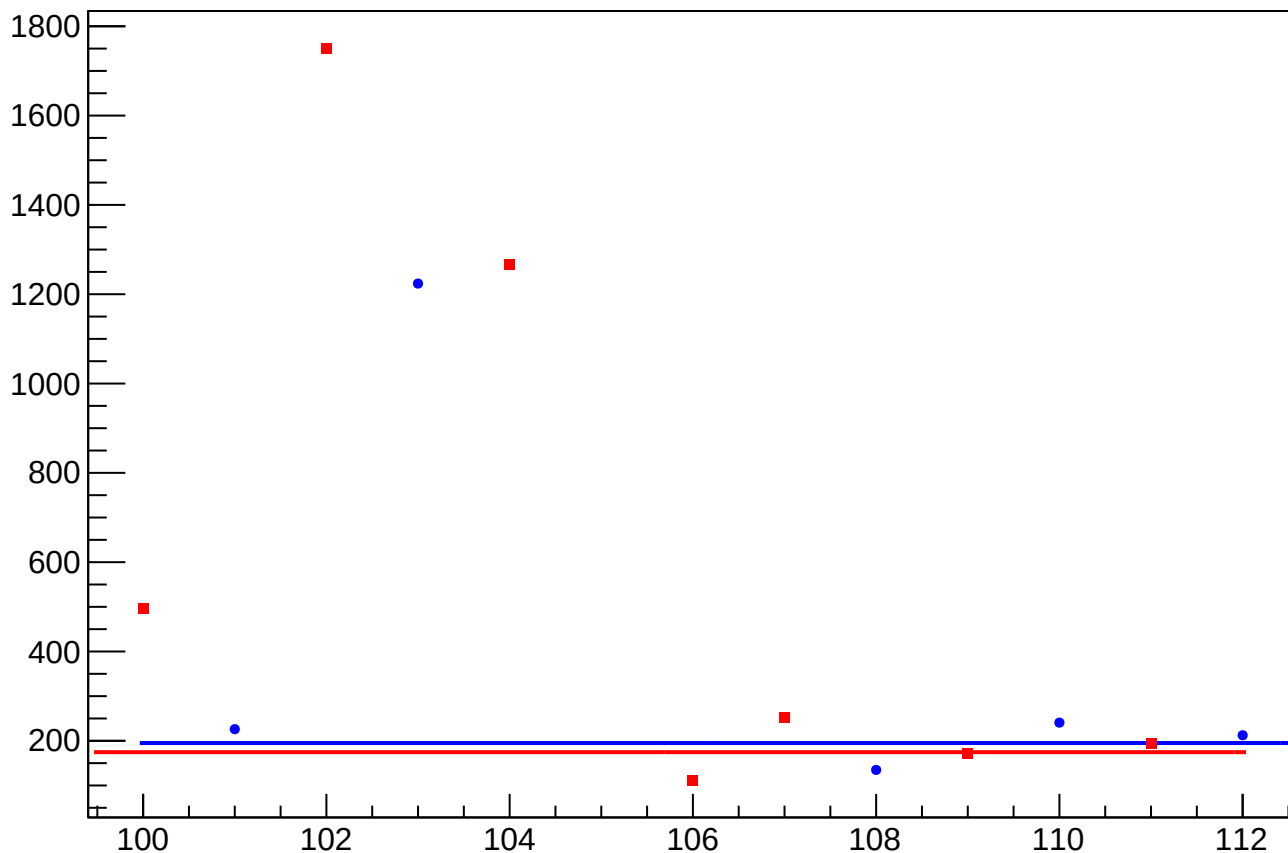
Right: 0.113 $\pm$ 0.101 χ^2 /NDF: 9.0/11

In: 0.036 $\pm$ 0.142 χ^2 /NDF:3.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.113 $\pm$ 0.101 χ^2 /NDF: 9.0/11

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 195.066+/-0.100 χ^2/NDF : 1052848.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.546+/-0.101 χ^2/NDF : 1691679.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

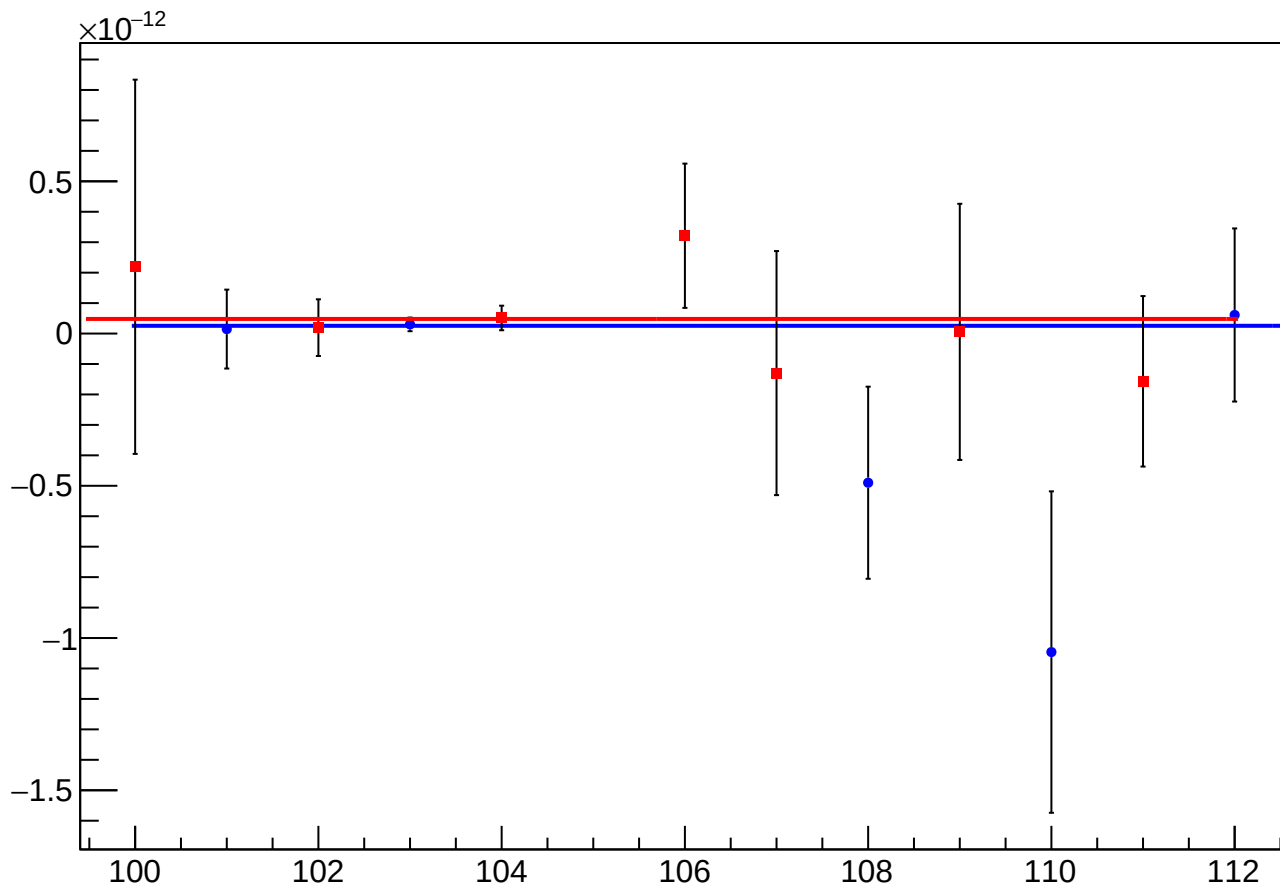
Right: 184.875+/-0.071 χ^2/NDF : 2765244.5/11

In: 195.066+/-0.100 χ^2/NDF : 1052848.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.875+/-0.071 χ^2/NDF : 2765244.5/11

asym_atl1r2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

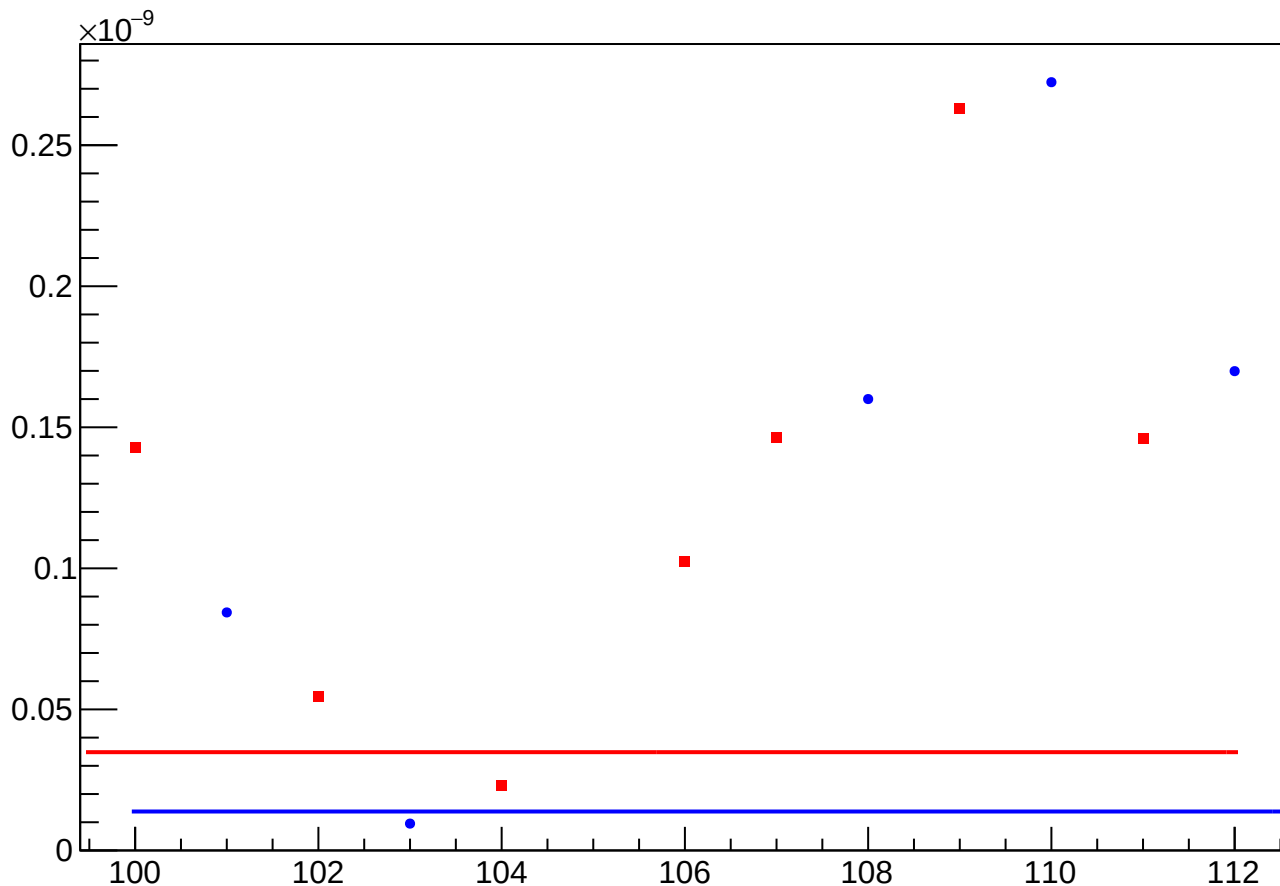
Right: 0.000+/-0.000 χ^2/NDF : 9.4/11

In: 0.000+/-0.000 χ^2/NDF : 6.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.4/11

asym_atl1r2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2178320.8/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1542164.3/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

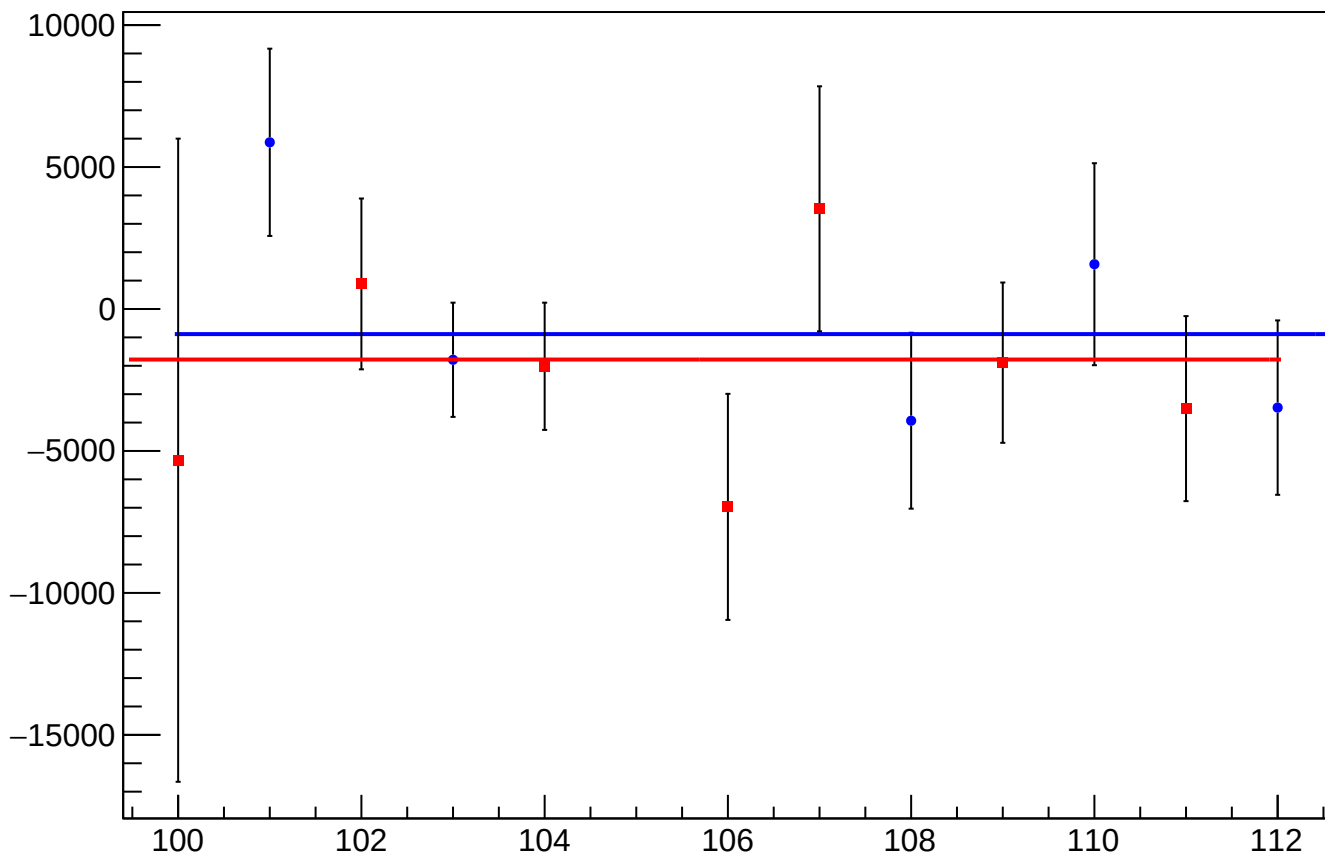
Right: 0.000+/-0.000 χ^2/NDF : 4219969.8/11

In: 0.000+/-0.000 χ^2/NDF :2178320.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4219969.8/11

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -884.203+/-1261.617 χ^2/NDF : 6.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1779.581+/-1236.645 χ^2/NDF : 4.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

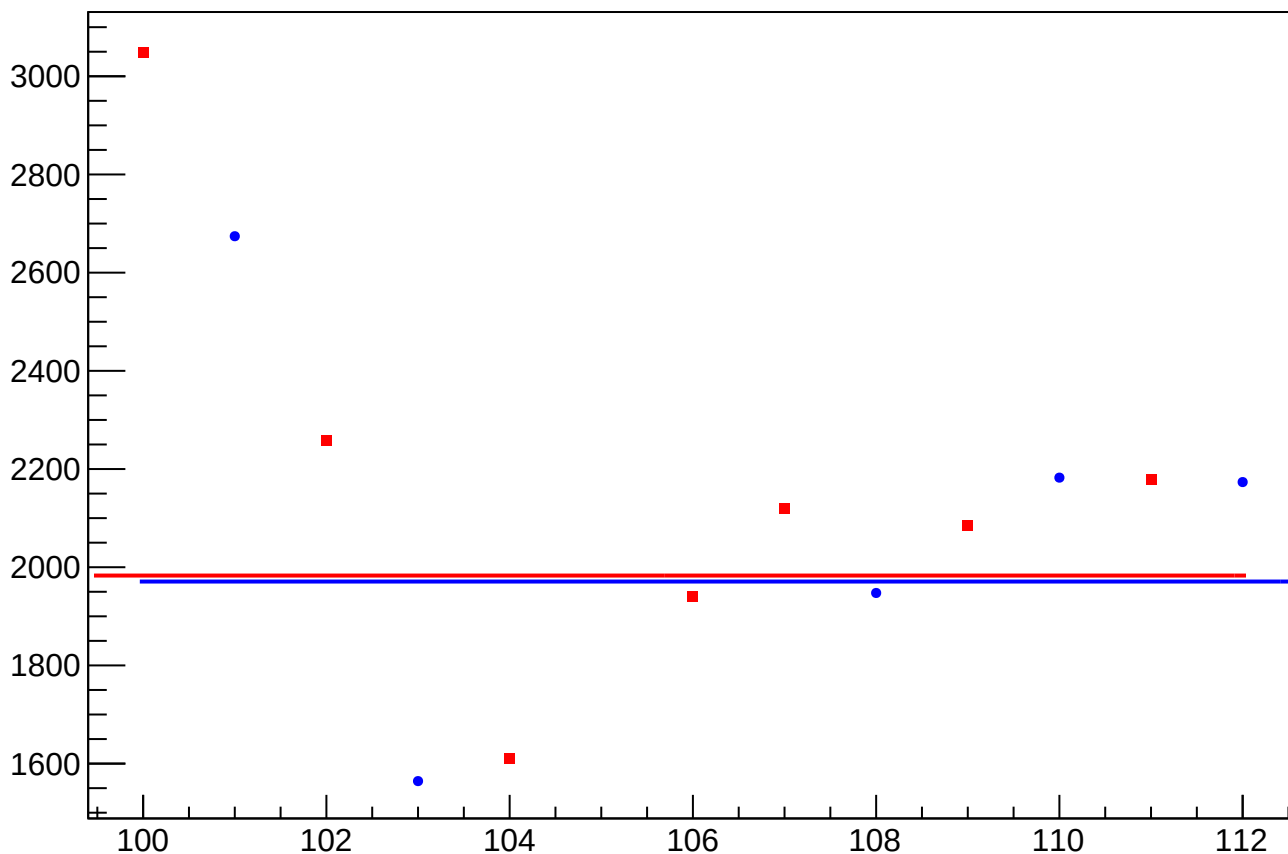
Right: -1340.841+/-883.137 χ^2/NDF : 11.2/11

In: -884.203+/-1261.617 χ^2/NDF : 6.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1340.841+/-883.137 χ^2/NDF : 11.2/11

reg_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1970.846+/-0.892 χ^2/NDF : 188522.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1983.042+/-0.868 χ^2/NDF : 101954.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

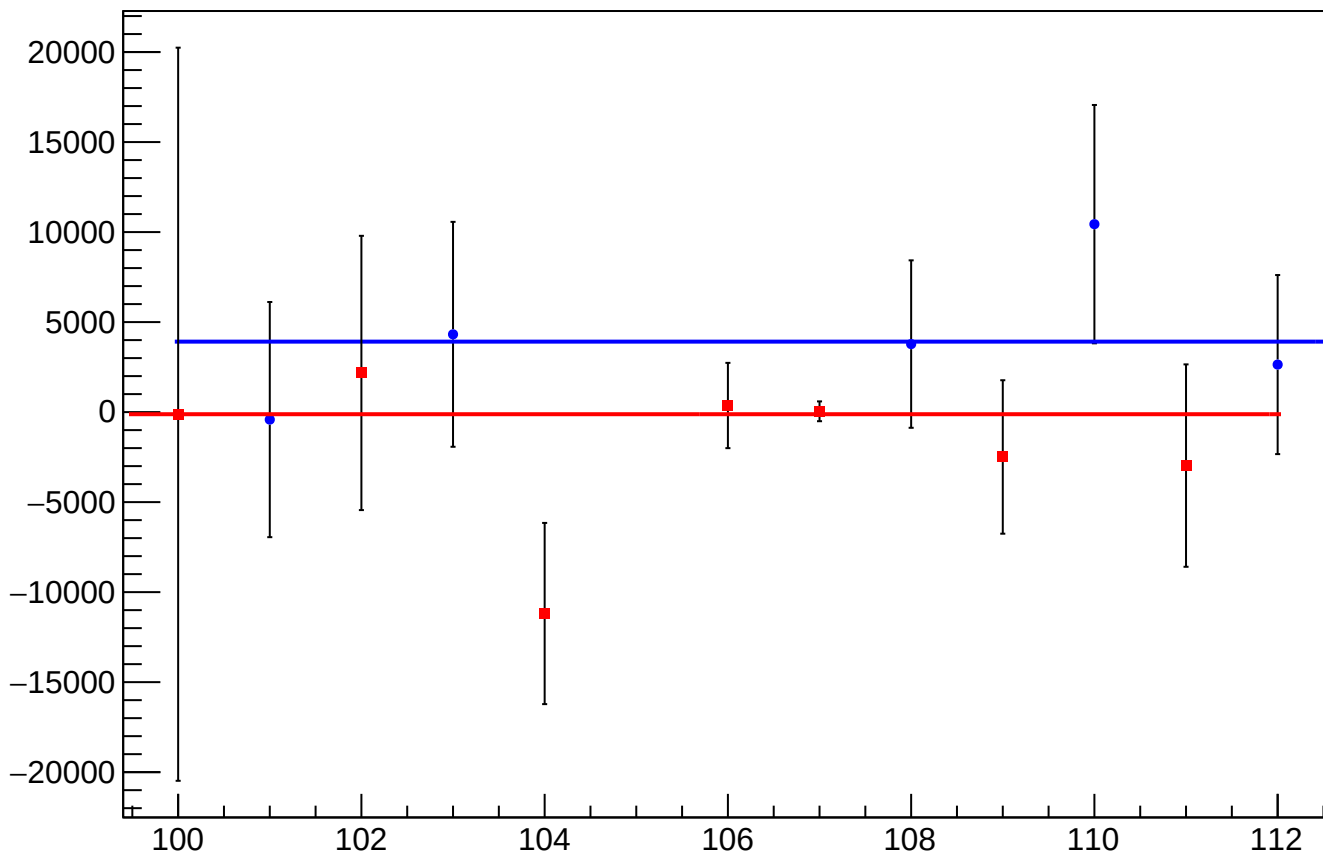
Right: 1977.109+/-0.622 χ^2/NDF : 290572.9/11

In: 1970.846+/-0.892 χ^2/NDF : 188522.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1977.109+/-0.622 χ^2/NDF : 290572.9/11

asym_atl1r2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 3915.007+/-2511.421 χ^2/NDF : 1.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -116.616+/-525.222 χ^2/NDF : 5.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

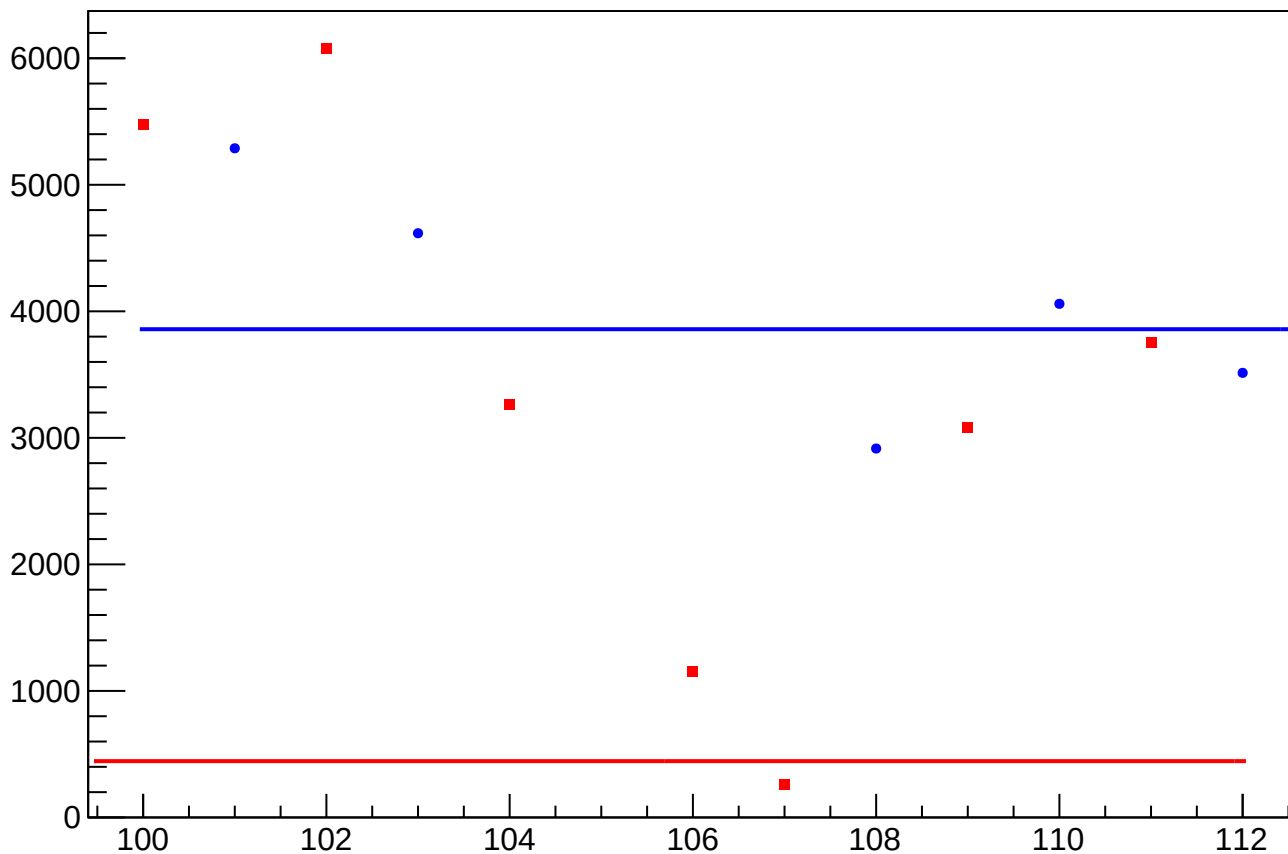
Right: 52.325+/-514.100 χ^2/NDF : 9.6/11

In: 3915.007+/-2511.421 χ^2/NDF : 1.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.325+/-514.100 χ^2/NDF : 9.6/11

asym_atl1r2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3858.571+/-1.776 χ^2/NDF : 219019.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 445.193+/-0.371 χ^2/NDF : 3697591.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

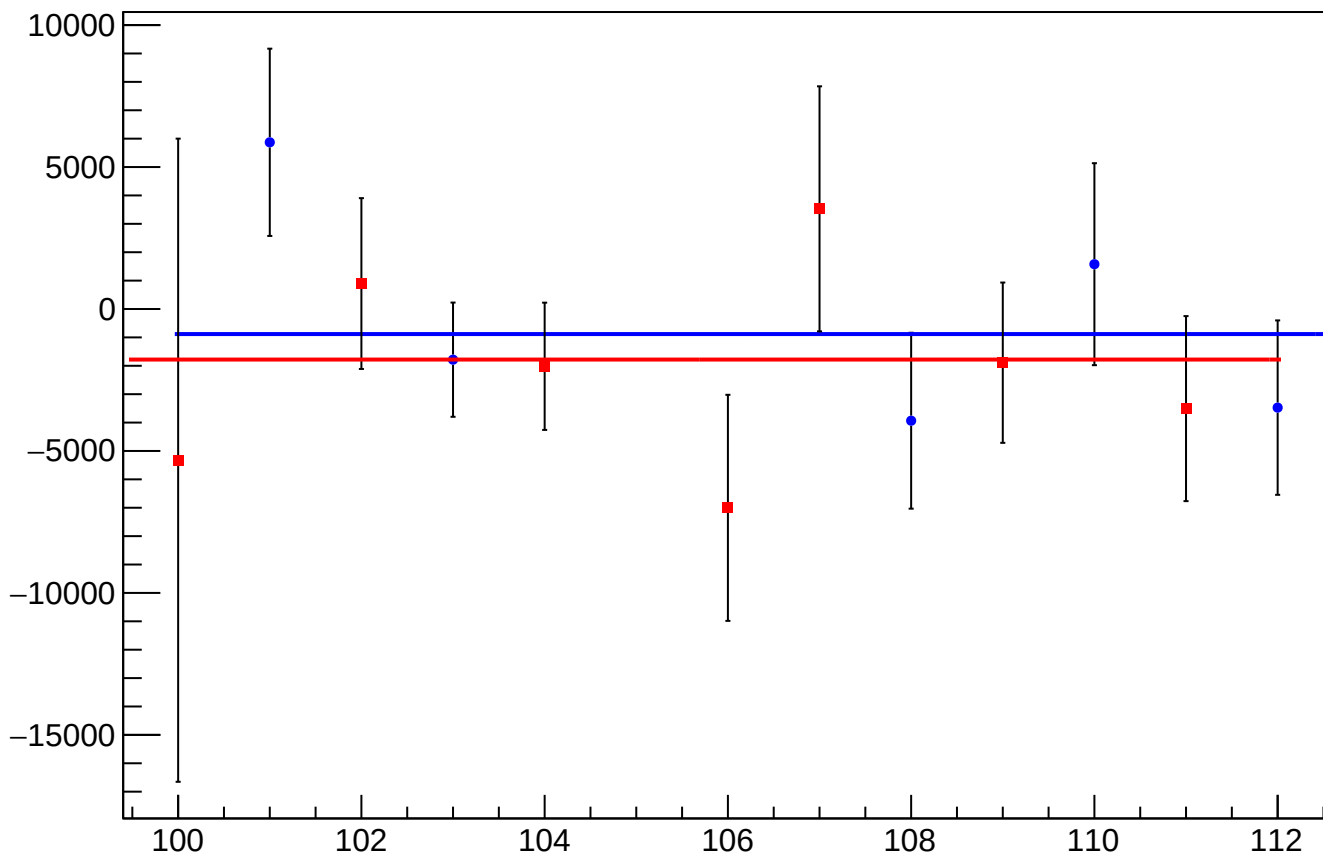
Right: 588.228+/-0.364 χ^2/NDF : 7456327.7/11

In: 3858.571+/-1.776 χ^2/NDF : 219019.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 588.228+/-0.364 χ^2/NDF : 7456327.7/11

cor_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -882.621+/-1261.618 χ^2/NDF : 6.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1780.691+/-1236.655 χ^2/NDF : 4.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

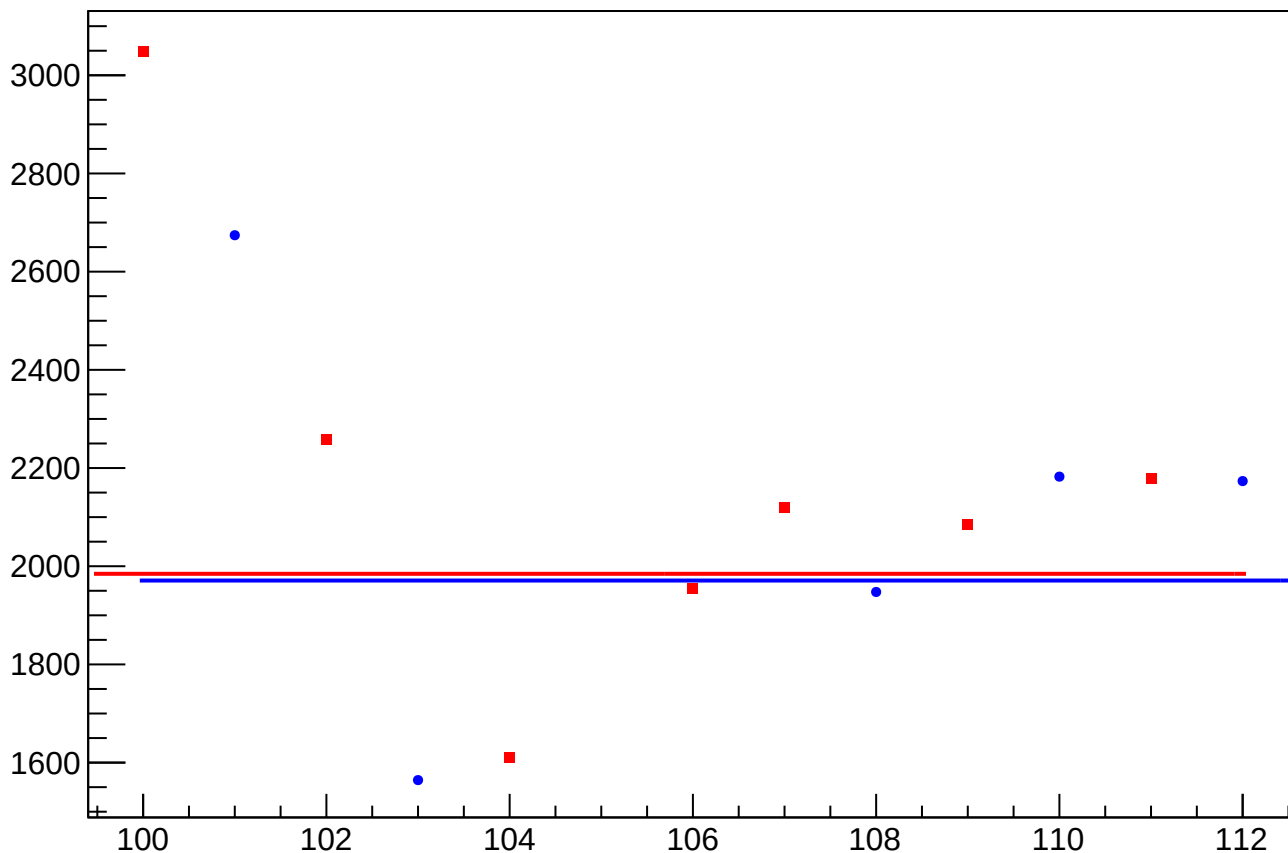
Right: -1340.629+/-883.140 χ^2/NDF : 11.2/11

In: -882.621+/-1261.618 χ^2/NDF : 6.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1340.629+/-883.140 χ^2/NDF : 11.2/11

cor_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1970.847+/-0.892 χ^2/NDF : 188521.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1984.565+/-0.869 χ^2/NDF : 101810.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

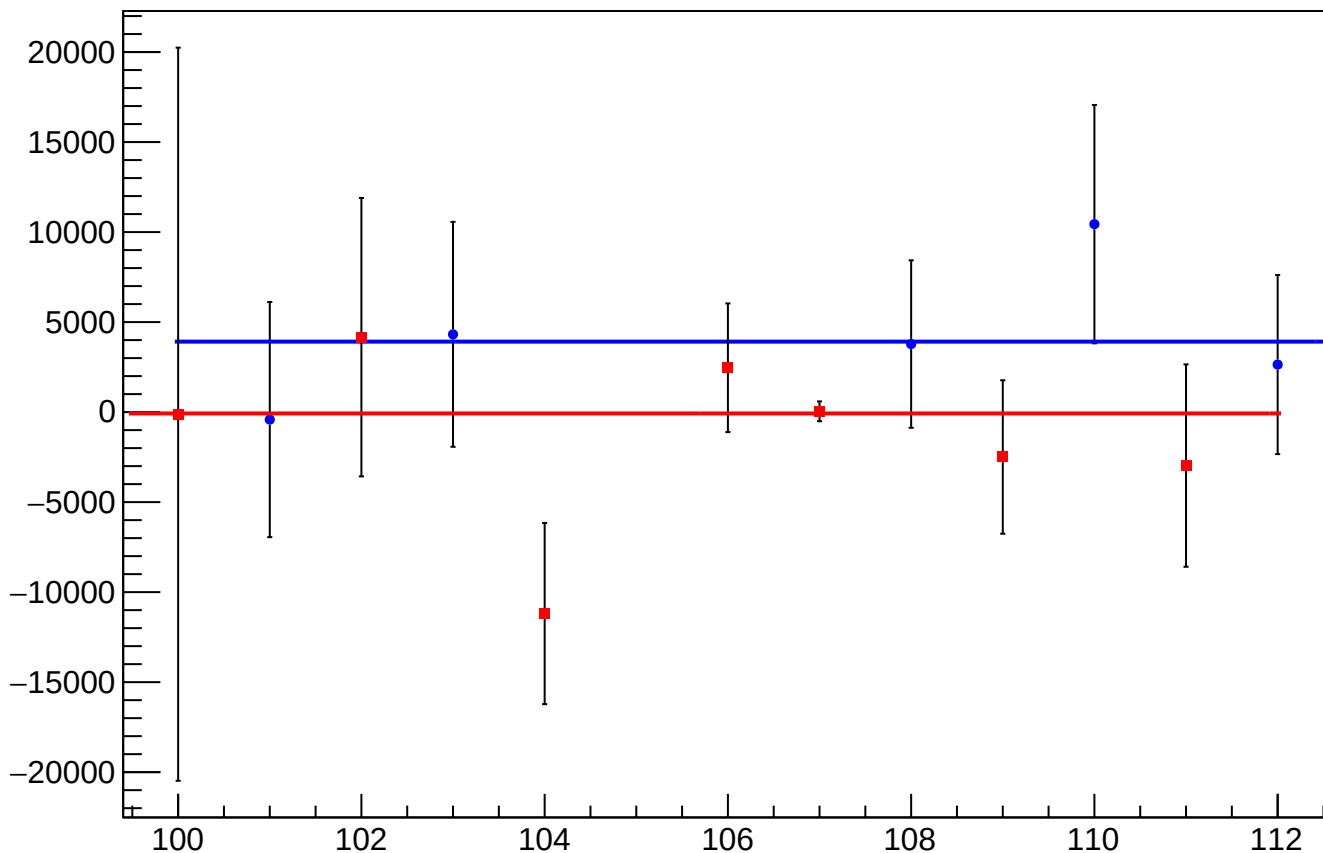
Right: 1977.887+/-0.622 χ^2/NDF : 290452.9/11

In: 1970.847+/-0.892 χ^2/NDF : 188521.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1977.887+/-0.622 χ^2/NDF : 290452.9/11

asym_atl1r2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 3915.065+/-2511.451 χ^2/NDF : 1.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -75.291+/-532.625 χ^2/NDF : 6.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

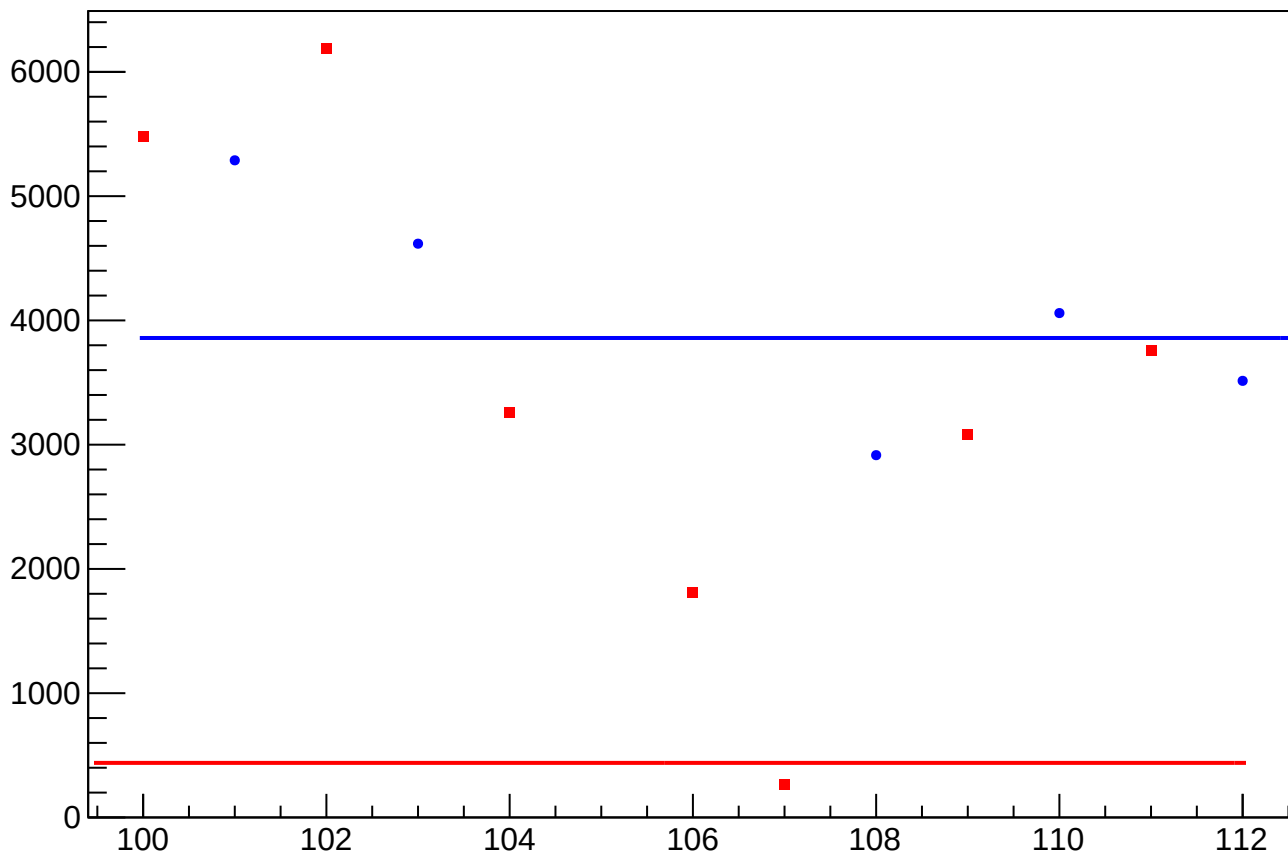
Right: 96.460+/-521.037 χ^2/NDF : 10.2/11

In: 3915.065+/-2511.451 χ^2/NDF : 1.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.460+/-521.037 χ^2/NDF : 10.2/11

asym_atl1r2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3858.599+/-1.776 χ^2/NDF : 219041.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 439.161+/-0.377 χ^2/NDF : 3817397.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

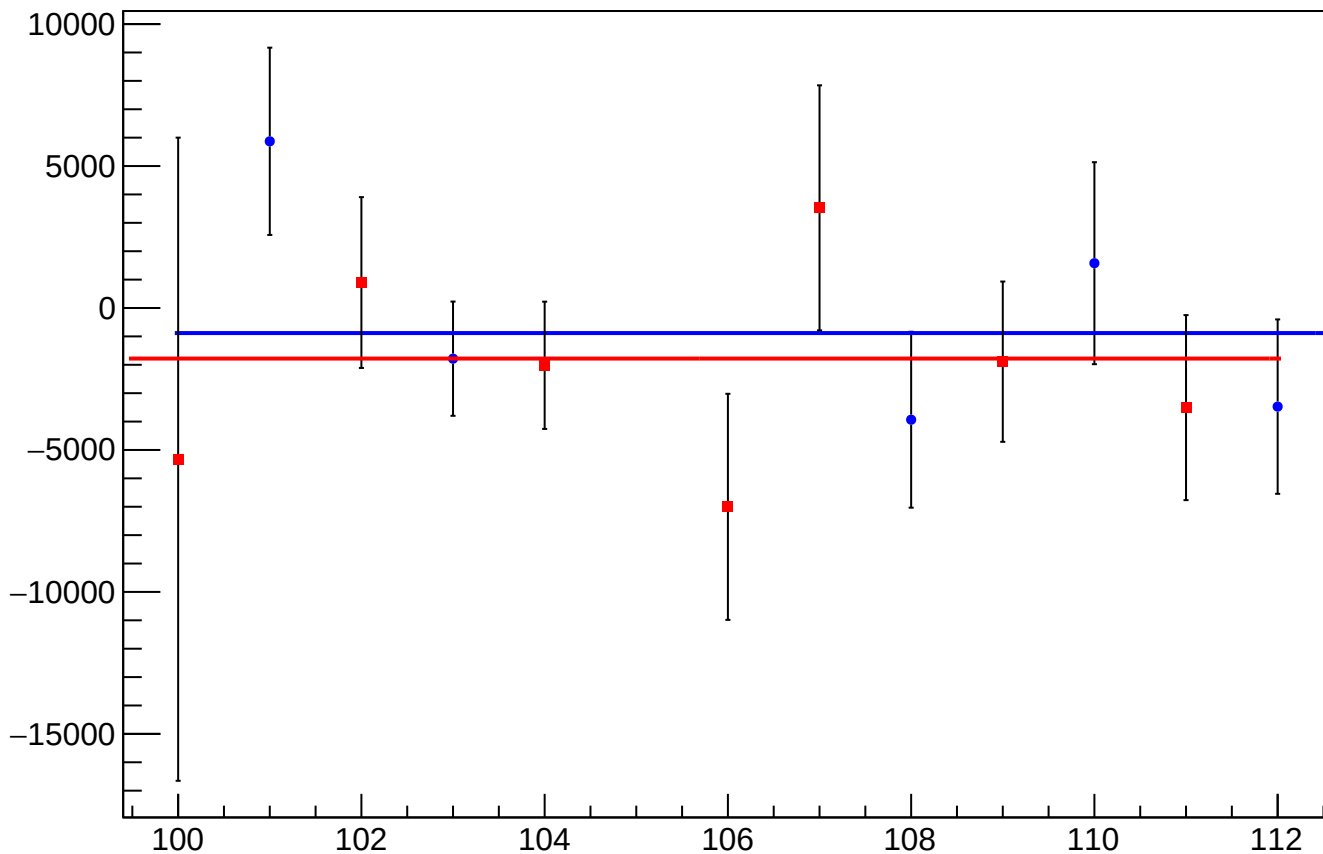
Right: 586.338+/-0.368 χ^2/NDF : 7584437.4/11

In: 3858.599+/-1.776 χ^2/NDF : 219041.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 586.338+/-0.368 χ^2/NDF : 7584437.4/11

eigen_cor_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -882.621+/-1261.618 χ^2/NDF : 6.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1780.691+/-1236.655 χ^2/NDF : 4.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

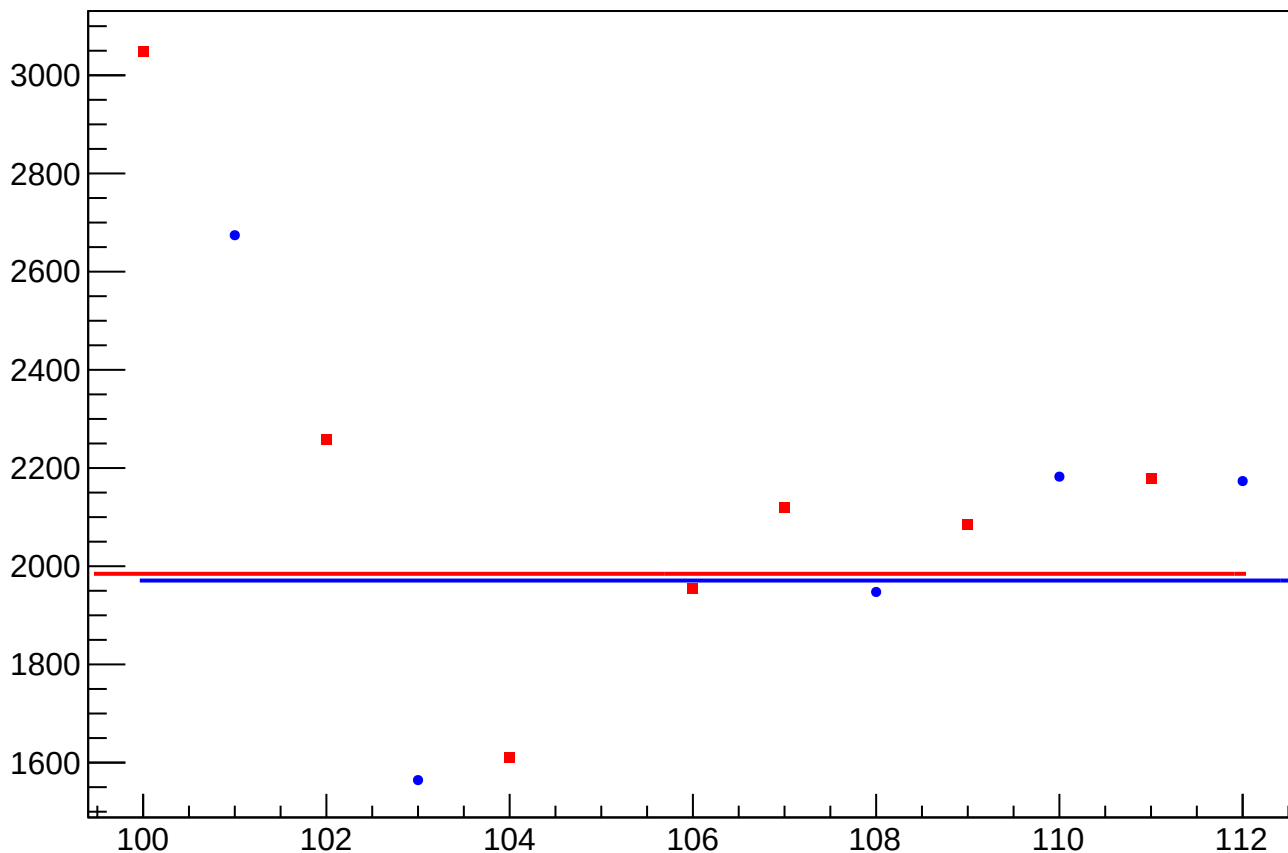
Right: -1340.629+/-883.140 χ^2/NDF : 11.2/11

In: -882.621+/-1261.618 χ^2/NDF : 6.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1340.629+/-883.140 χ^2/NDF : 11.2/11

eigen_cor_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1970.847+/-0.892 χ^2/NDF : 188521.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1984.565+/-0.869 χ^2/NDF : 101810.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

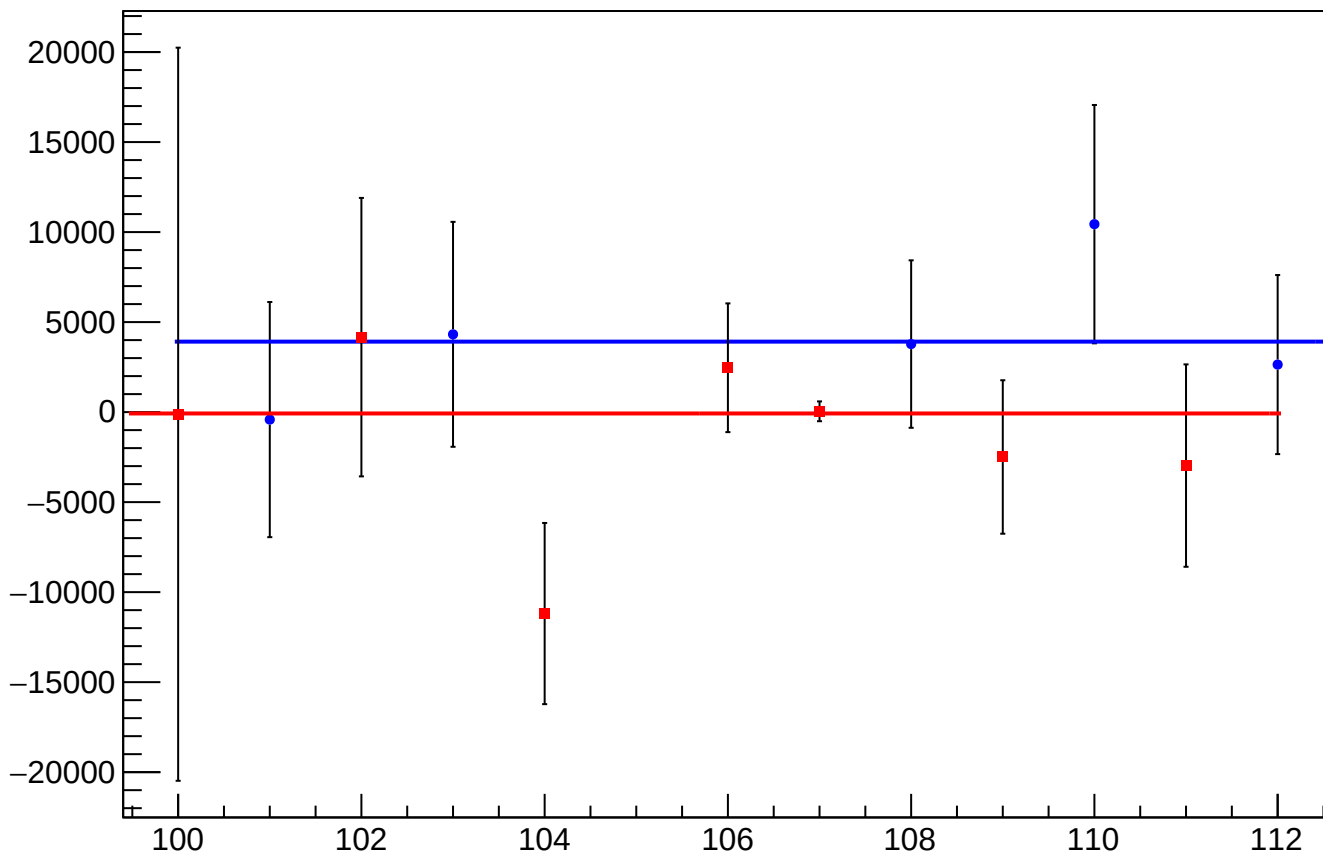
Right: 1977.887+/-0.622 χ^2/NDF : 290452.9/11

In: 1970.847+/-0.892 χ^2/NDF : 188521.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1977.887+/-0.622 χ^2/NDF : 290452.9/11

asym_atl1r2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 3915.065+/-2511.451 χ^2/NDF : 1.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -75.291+/-532.625 χ^2/NDF : 6.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

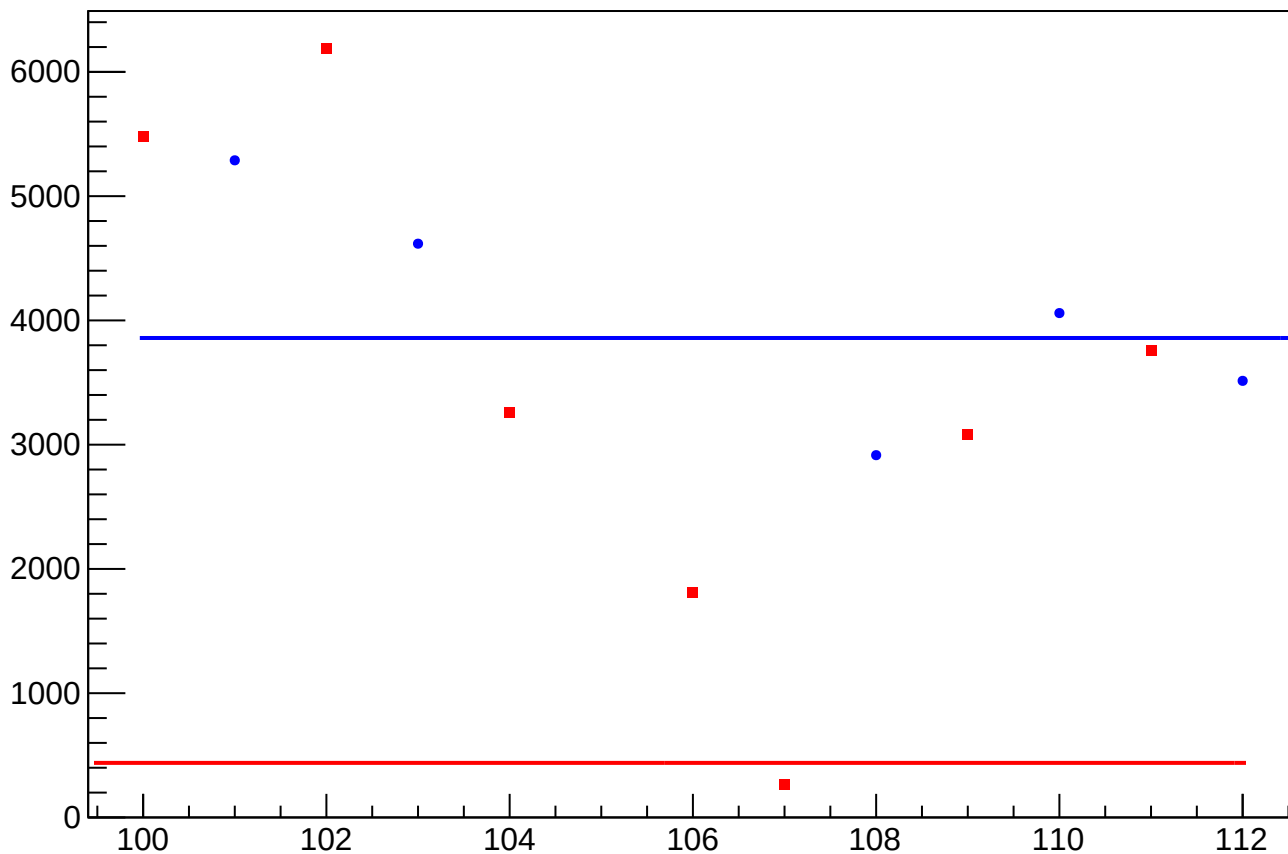
Right: 96.460+/-521.037 χ^2/NDF : 10.2/11

In: 3915.065+/-2511.451 χ^2/NDF : 1.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.460+/-521.037 χ^2/NDF : 10.2/11

asym_atl1r2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3858.599+/-1.776 χ^2/NDF : 219041.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 439.161+/-0.377 χ^2/NDF : 3817397.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

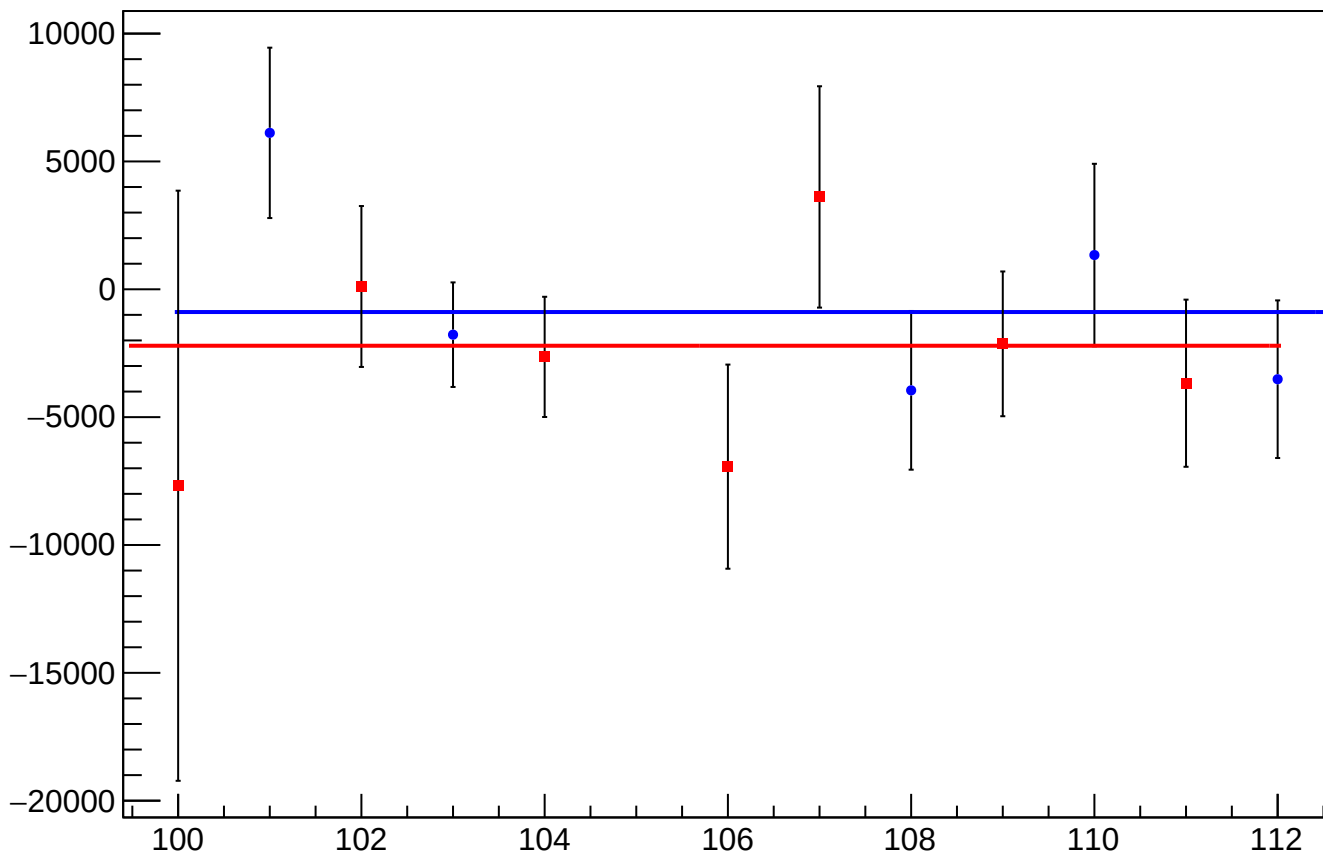
Right: 586.338+/-0.368 χ^2/NDF : 7584437.4/11

In: 3858.599+/-1.776 χ^2/NDF : 219041.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 586.338+/-0.368 χ^2/NDF : 7584437.4/11

dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -889.227+/-1273.131 χ^2/NDF : 6.7/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2207.682+/-1265.941 χ^2/NDF : 4.2/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

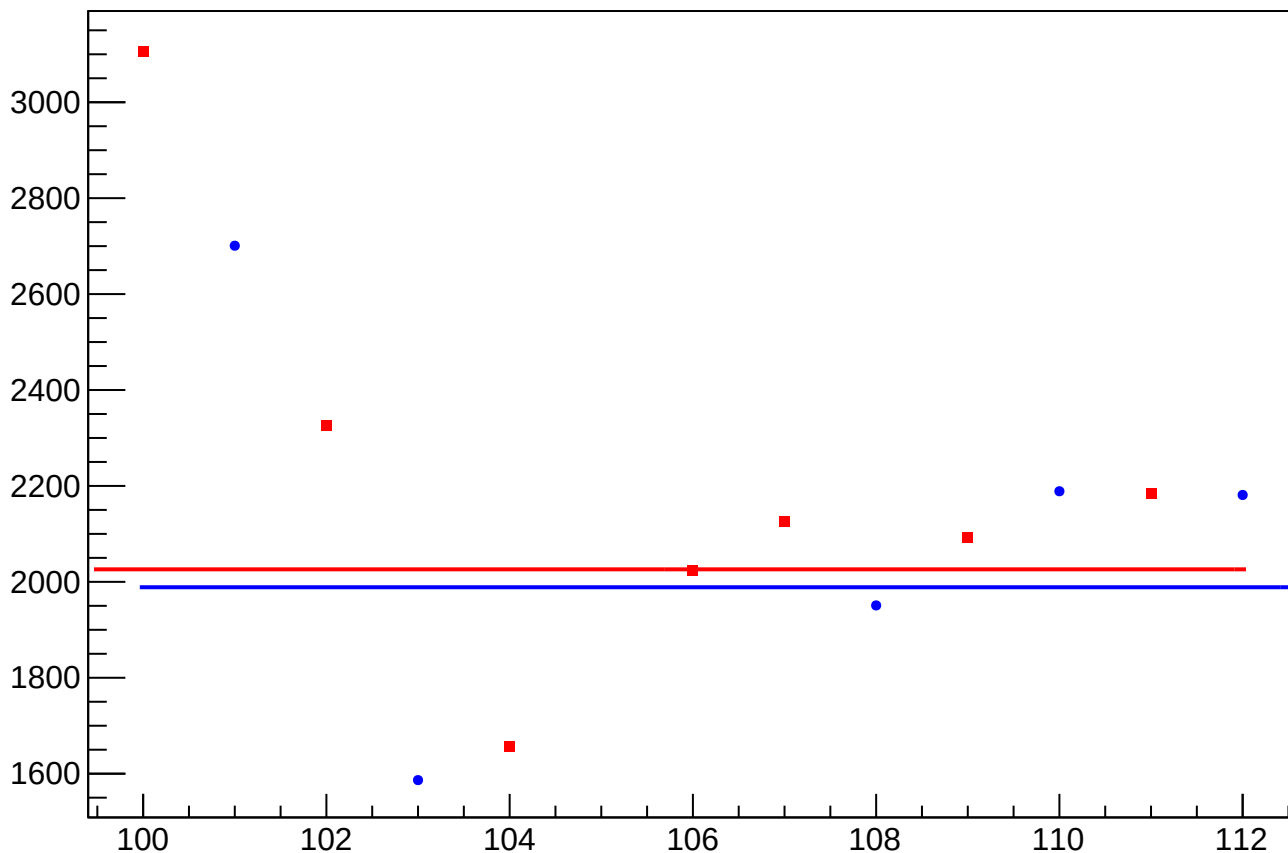
Right: -1552.188+/-897.687 χ^2/NDF : 11.5/11

In: -889.227+/-1273.131 χ^2/NDF :6.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1552.188+/-897.687 χ^2/NDF : 11.5/11

dit_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1988.758+/-0.900 χ^2/NDF : 183124.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2026.070+/-0.893 χ^2/NDF : 91804.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

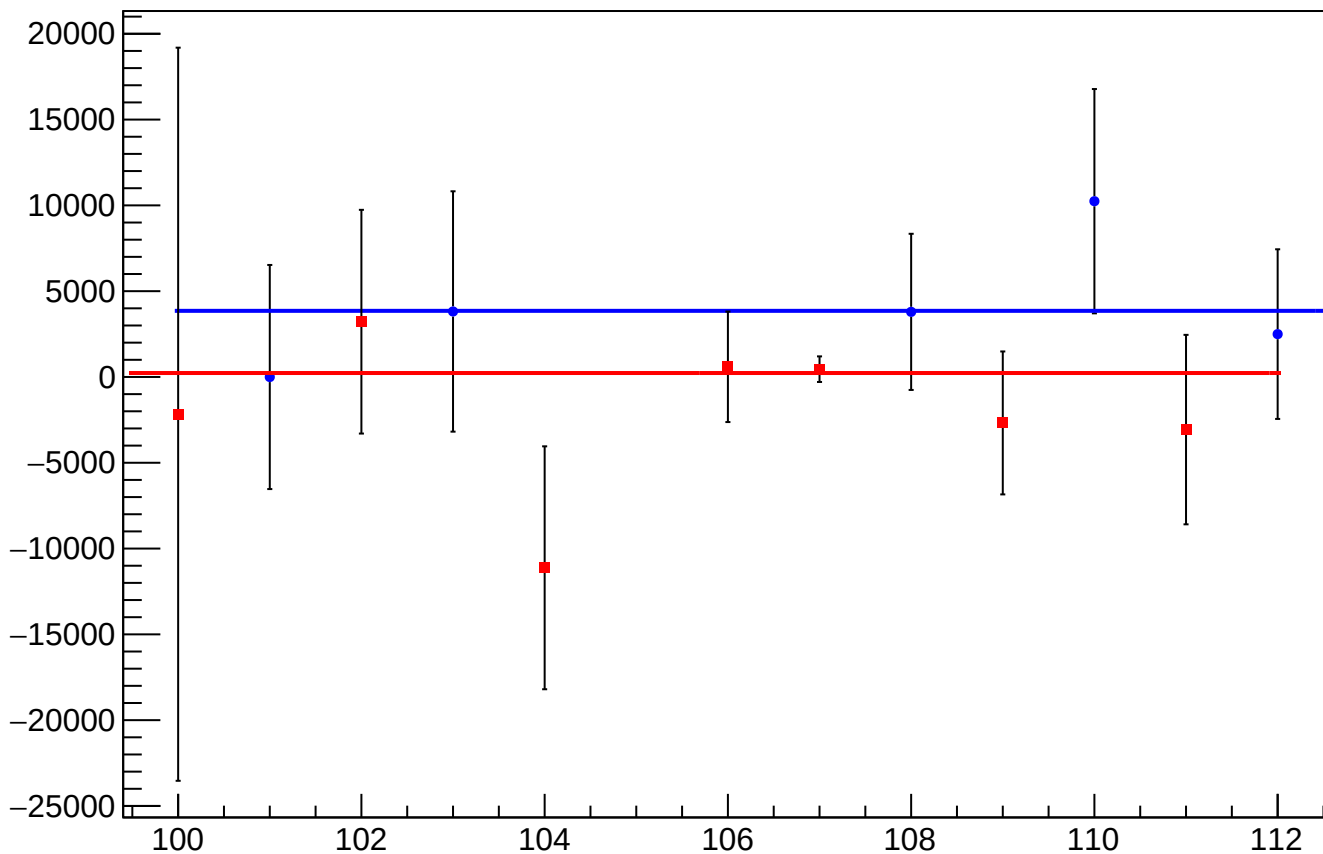
Right: 2007.570+/-0.634 χ^2/NDF : 275794.8/11

In: 1988.758+/-0.900 χ^2/NDF : 183124.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2007.570+/-0.634 χ^2/NDF : 275794.8/11

asym_atl1r2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 3853.849 $\pm$ 2528.062 χ^2 /NDF: 1.4/4

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 230.217 $\pm$ 701.714 χ^2 /NDF: 3.7/6

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

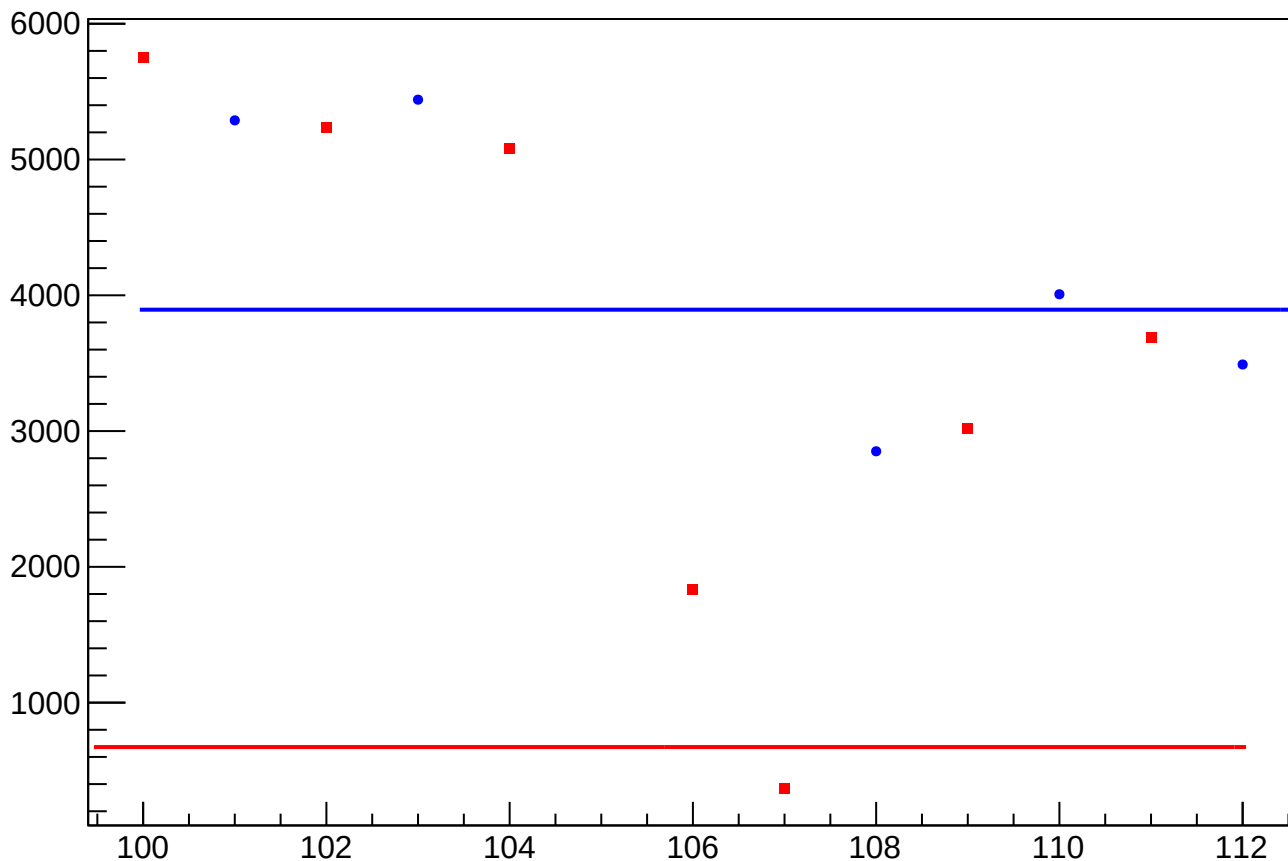
Right: 489.429 $\pm$ 676.150 χ^2 /NDF: 7.0/11

In: 3853.849 $\pm$ 2528.062 χ^2 /NDF:1.4/4

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 489.429 $\pm$ 676.150 χ^2 /NDF: 7.0/11

asym_atl1r2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3893.997+/-1.788 χ^2/NDF : 307745.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 672.884+/-0.496 χ^2/NDF : 3695893.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

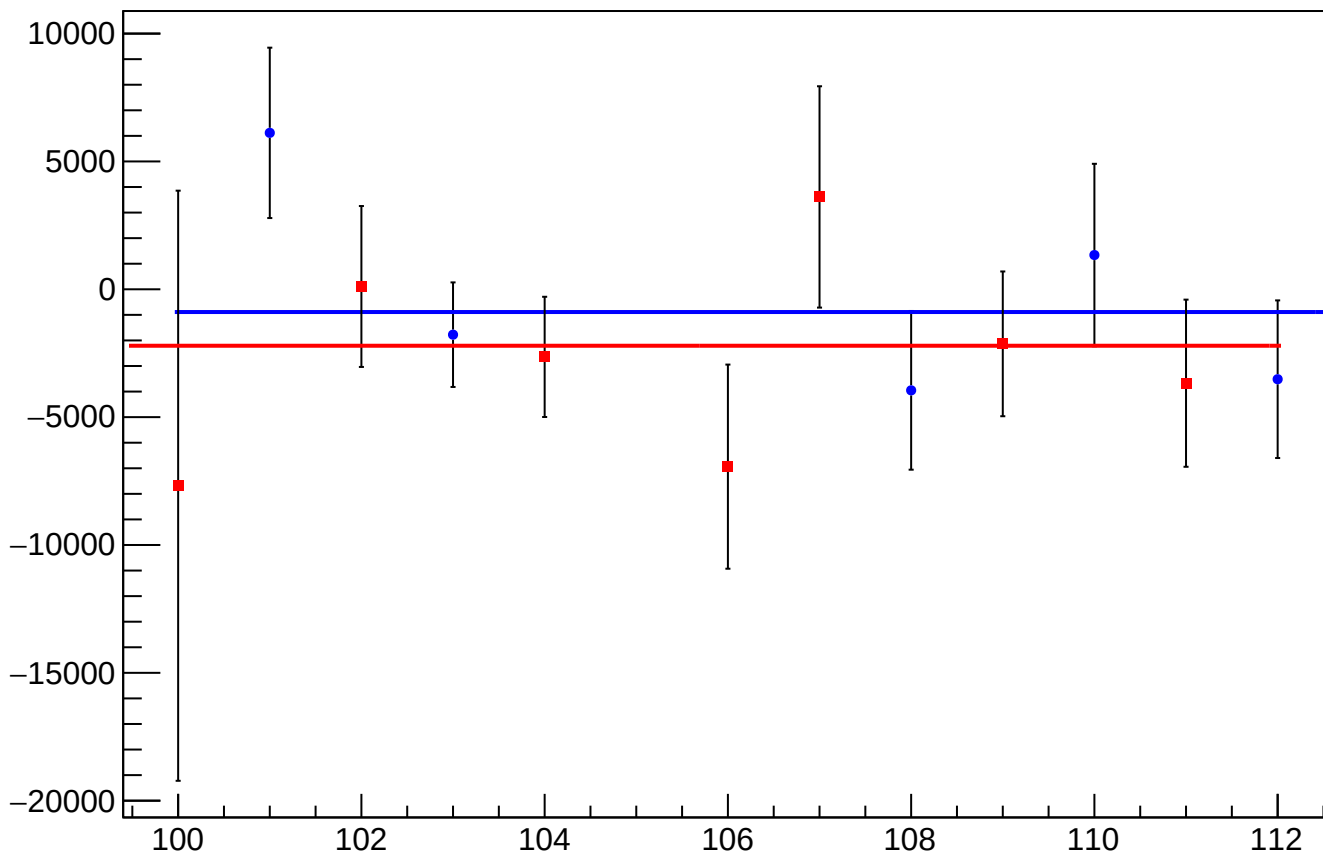
Right: 903.303+/-0.478 χ^2/NDF : 7018259.8/11

In: 3893.997+/-1.788 χ^2/NDF : 307745.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 903.303+/-0.478 χ^2/NDF : 7018259.8/11

eigen_dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -889.227+/-1273.131 χ^2/NDF : 6.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2207.687+/-1265.942 χ^2/NDF : 4.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

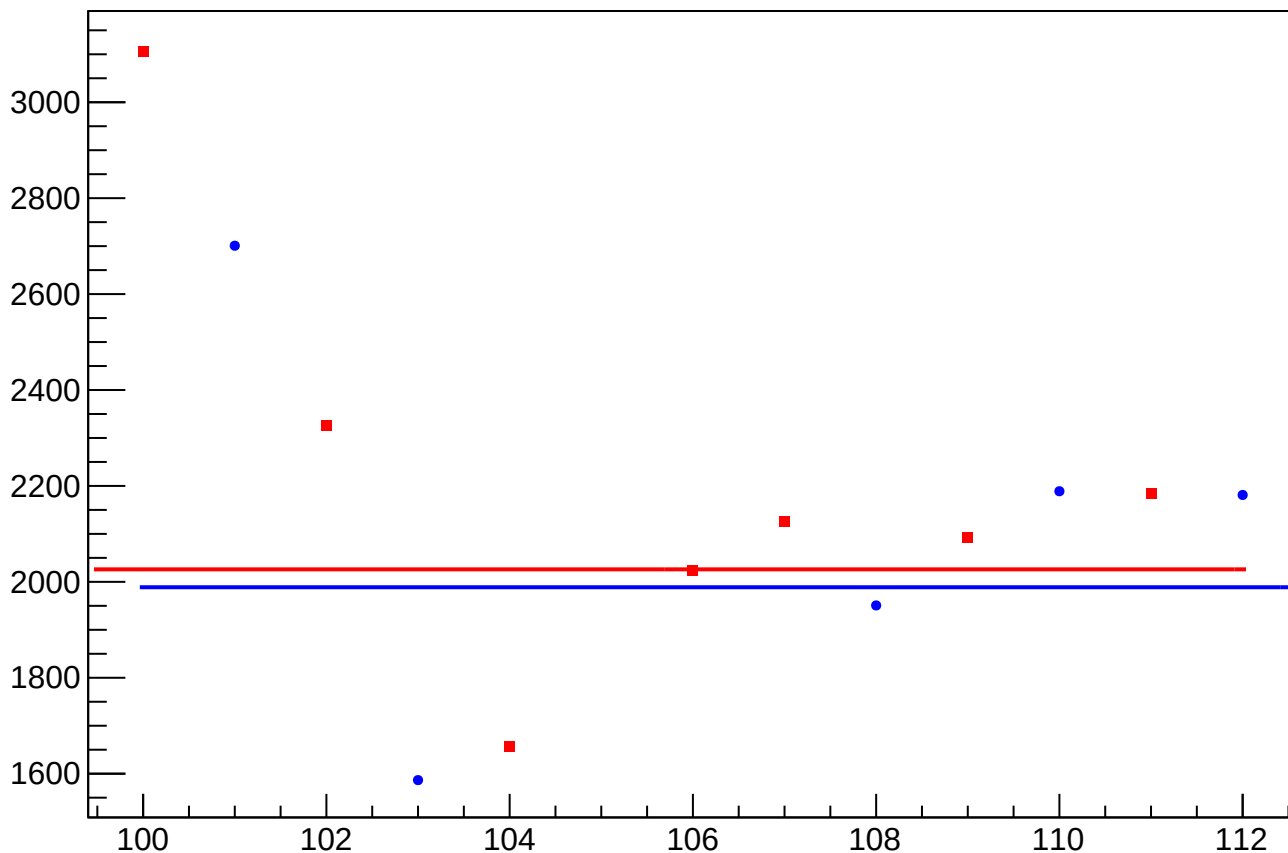
Right: -1552.190+/-897.687 χ^2/NDF : 11.5/11

In: -889.227+/-1273.131 χ^2/NDF : 6.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1552.190+/-897.687 χ^2/NDF : 11.5/11

eigen_dit_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1988.758+/-0.900 χ^2/NDF : 183124.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2026.070+/-0.893 χ^2/NDF : 91804.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

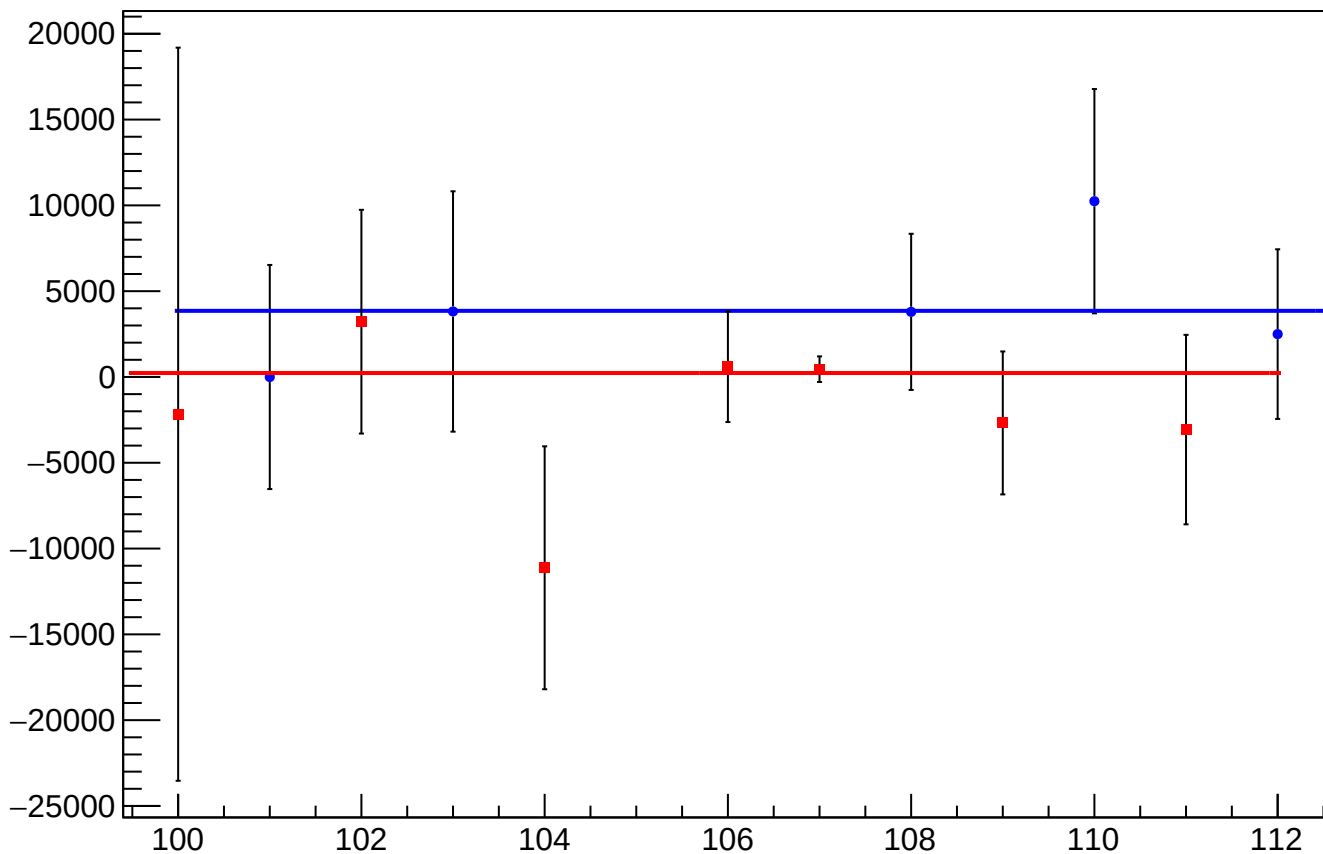
Right: 2007.570+/-0.634 χ^2/NDF : 275794.5/11

In: 1988.758+/-0.900 χ^2/NDF : 183124.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2007.570+/-0.634 χ^2/NDF : 275794.5/11

asym_atl1r2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 3853.850 $\pm$ 2528.060 χ^2 /NDF: 1.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 230.215 $\pm$ 701.727 χ^2 /NDF: 3.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

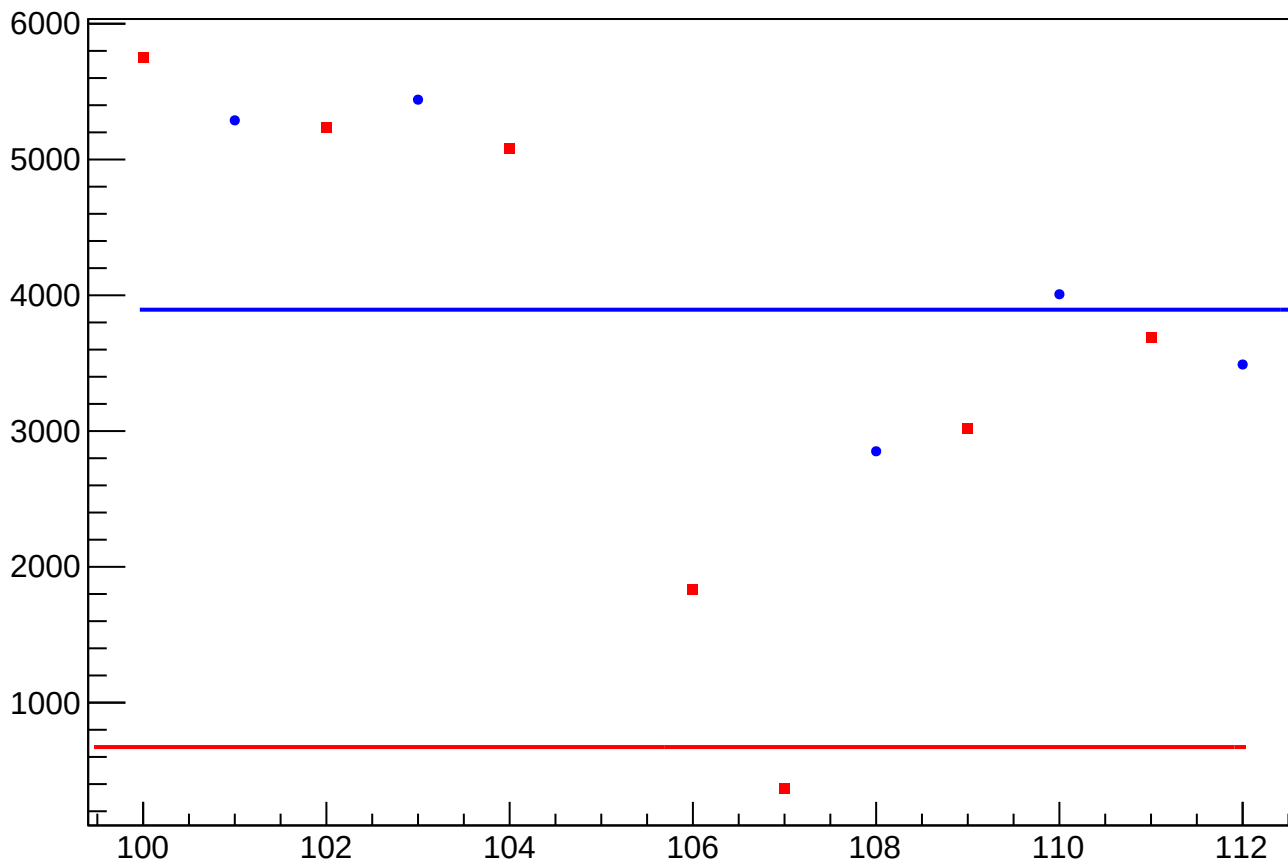
Right: 489.437 $\pm$ 676.162 χ^2 /NDF: 7.0/11

In: 3853.850 $\pm$ 2528.060 χ^2 /NDF:1.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 489.437 $\pm$ 676.162 χ^2 /NDF: 7.0/11

asym_atl1r2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3893.995+/-1.788 χ^2/NDF : 307744.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 672.903+/-0.496 χ^2/NDF : 3695860.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

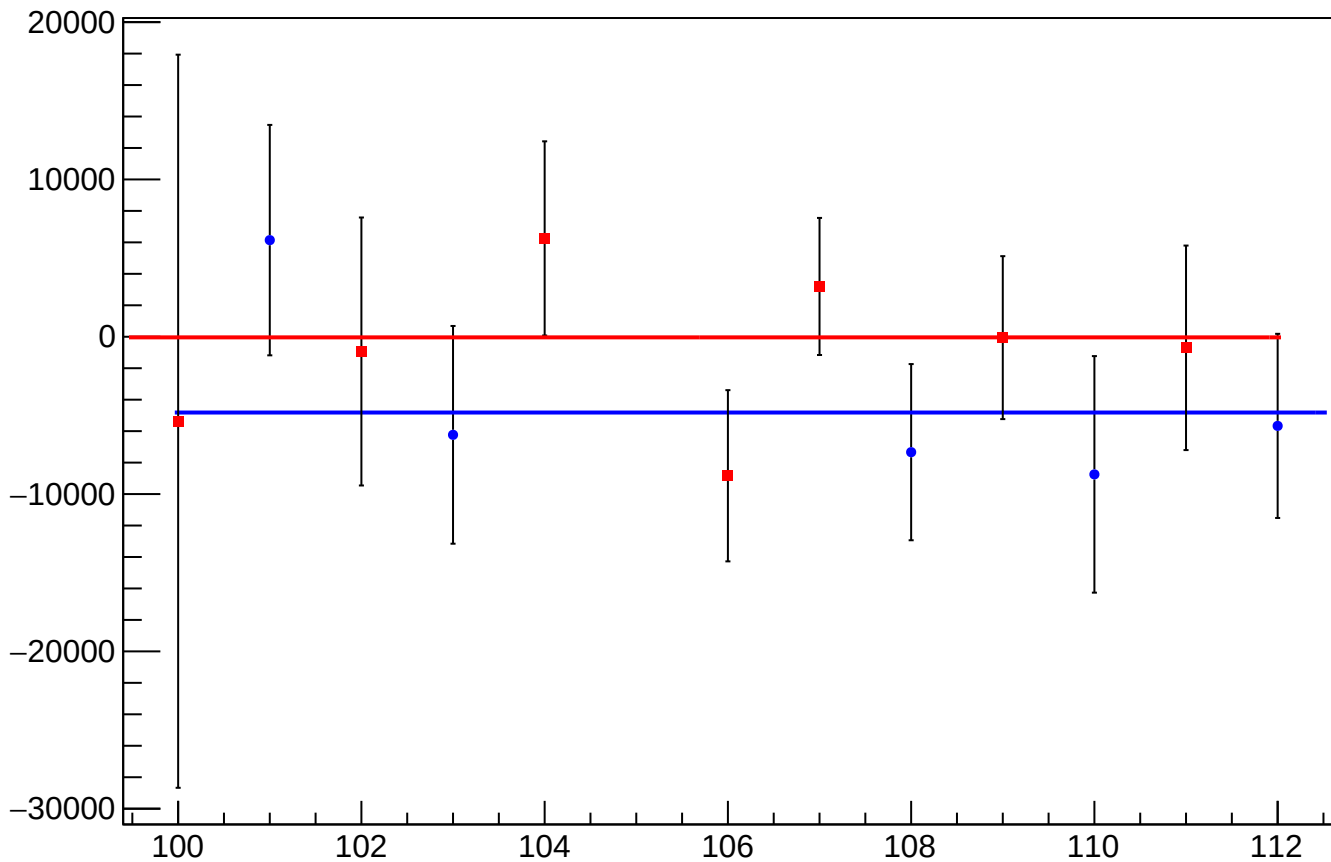
Right: 903.329+/-0.478 χ^2/NDF : 7018181.2/11

In: 3893.995+/-1.788 χ^2/NDF : 307744.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 903.329+/-0.478 χ^2/NDF : 7018181.2/11

asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -4816.706+/-2907.532 χ^2/NDF : 2.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.911+/-2298.609 χ^2/NDF : 4.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

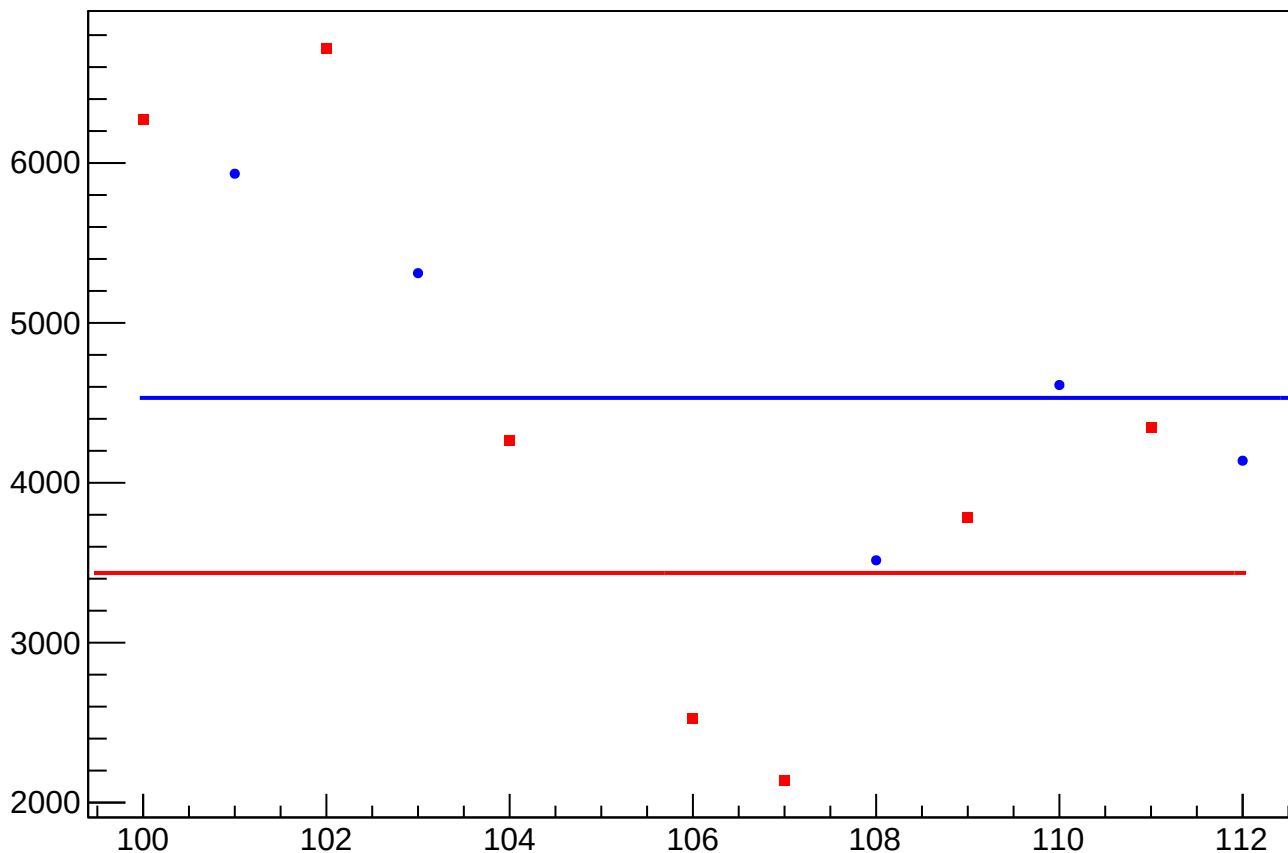
Right: -1876.528+/-1803.176 χ^2/NDF : 8.7/11

In: -4816.706+/-2907.532 χ^2/NDF : 2.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1876.528+/-1803.176 χ^2/NDF : 8.7/11

asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 4530.991+/-2.056 χ^2/NDF : 173748.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3435.999+/-1.590 χ^2/NDF : 657047.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

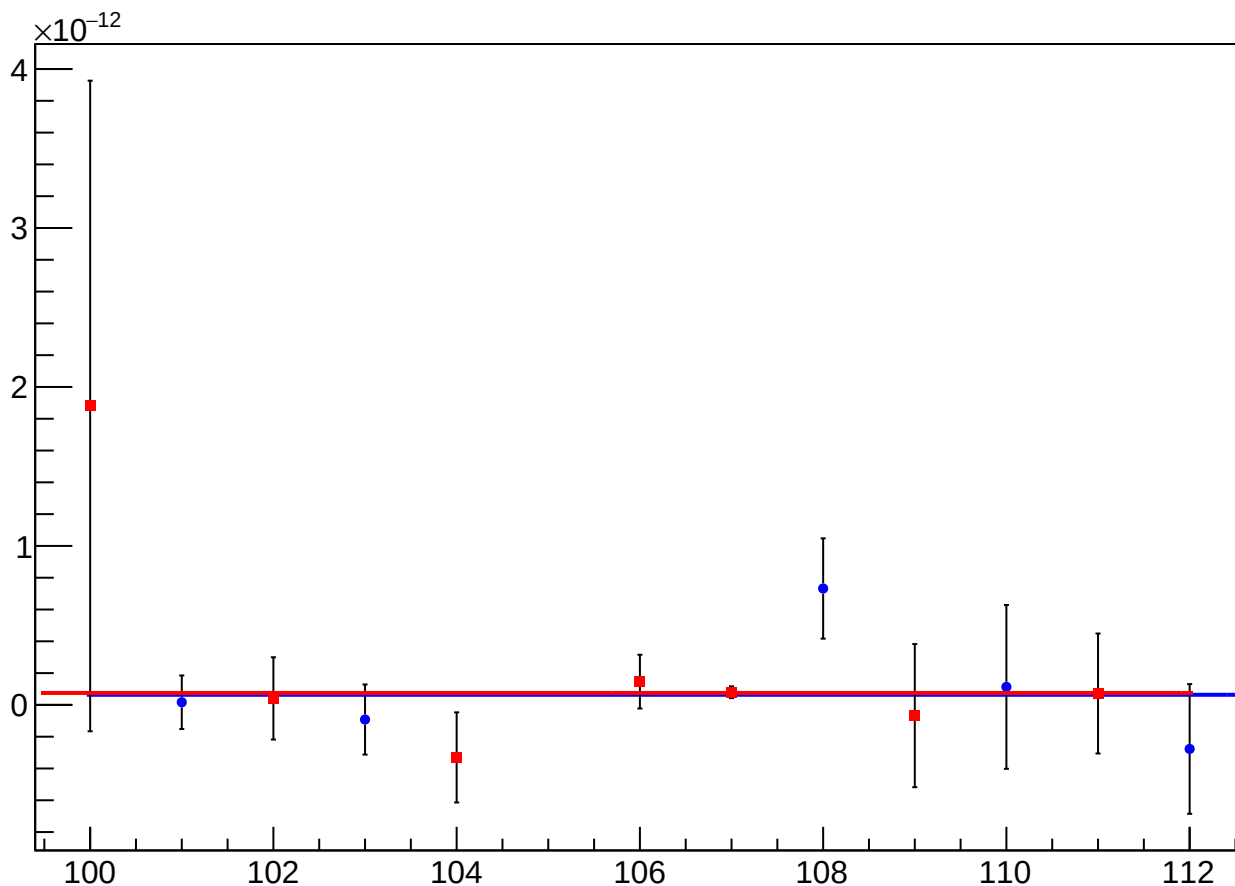
Right: 3845.937+/-1.258 χ^2/NDF : 1008263.2/11

In: 4530.991+/-2.056 χ^2/NDF : 173748.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3845.937+/-1.258 χ^2/NDF : 1008263.2/11

asym_atl1r2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

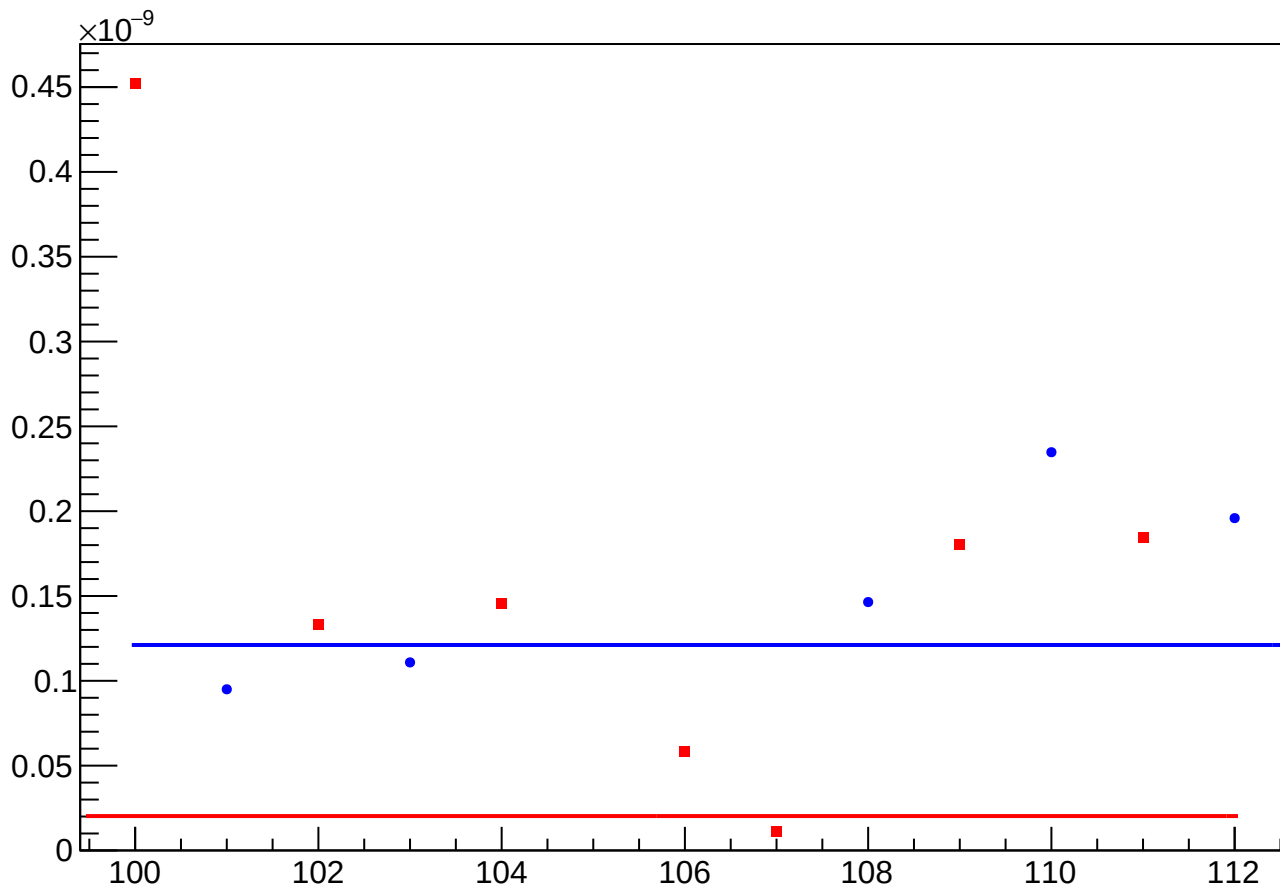
Right: 0.000+/-0.000 χ^2/NDF : 8.9/11

In: 0.000+/-0.000 χ^2/NDF : 5.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.9/11

asym_atl1r2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 229740.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1709962.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

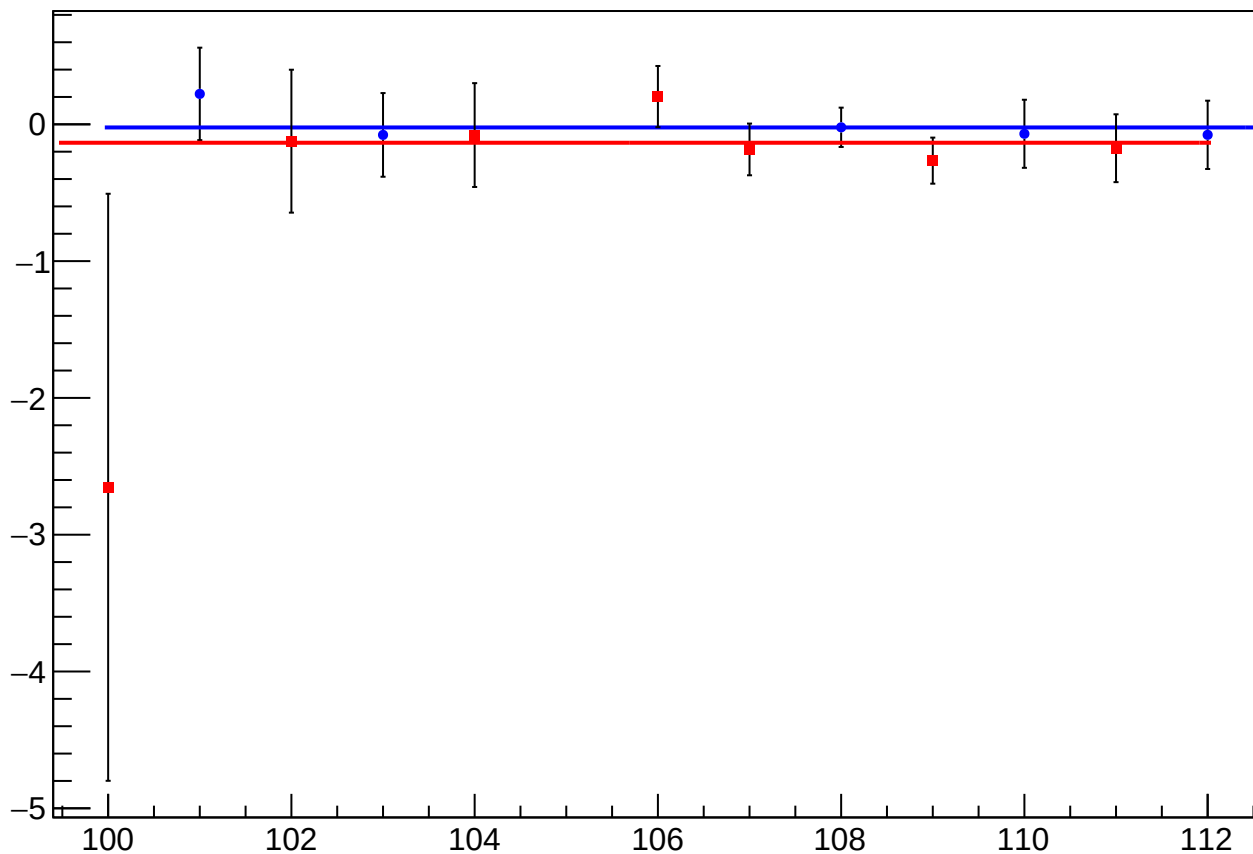
Right: 0.000+/-0.000 χ^2/NDF : 3346594.4/11

In: 0.000+/-0.000 χ^2/NDF : 229740.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3346594.4/11

asym_atl1r2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.023 ± 0.100 χ^2/NDF : 0.6/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.135 ± 0.095 χ^2/NDF : 4.4/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

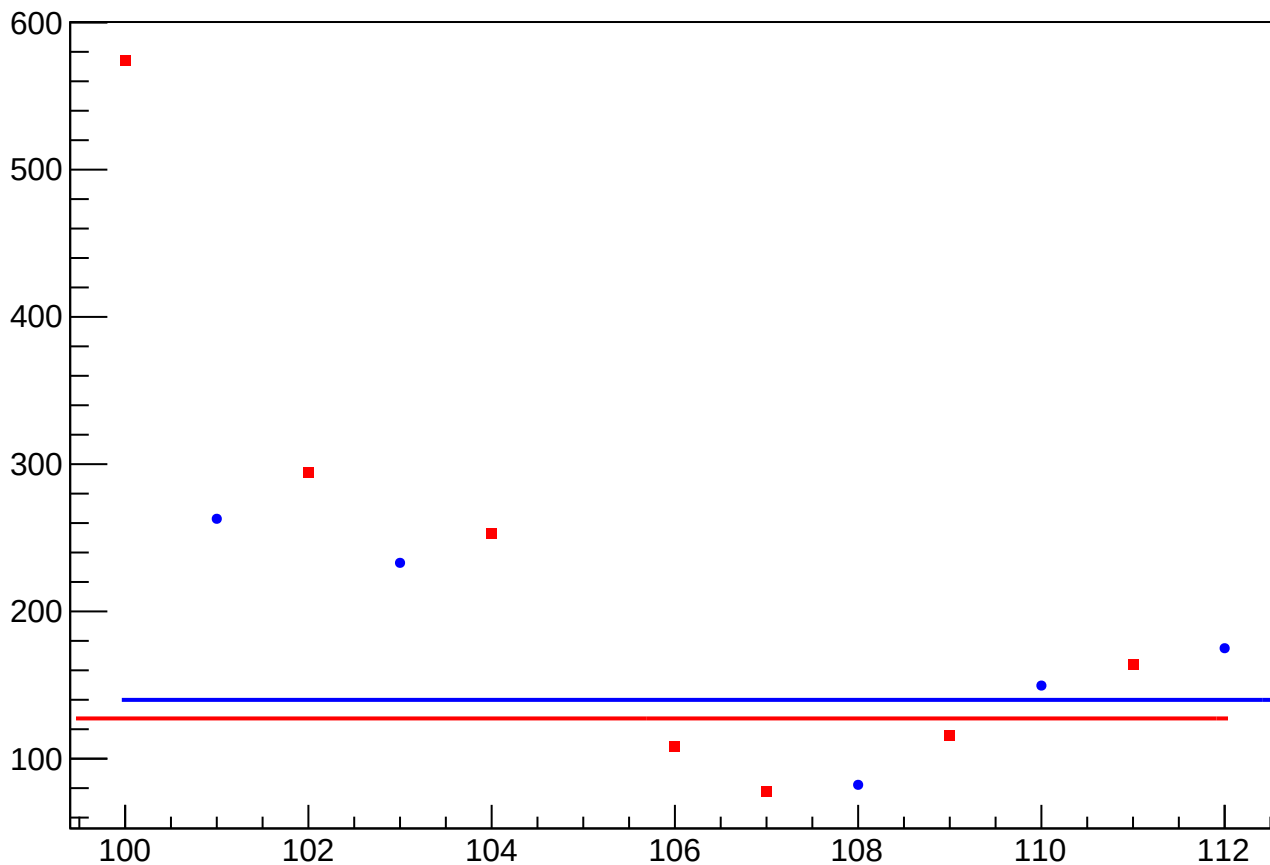
Right: -0.082 ± 0.069 χ^2/NDF : 5.7/11

In: -0.023 ± 0.100 χ^2/NDF : 0.6/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.082 ± 0.069 χ^2/NDF : 5.7/11

asym_atl1r2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.929+/-0.071 χ^2/NDF : 814536.9/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 127.325+/-0.067 χ^2/NDF : 717657.6/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

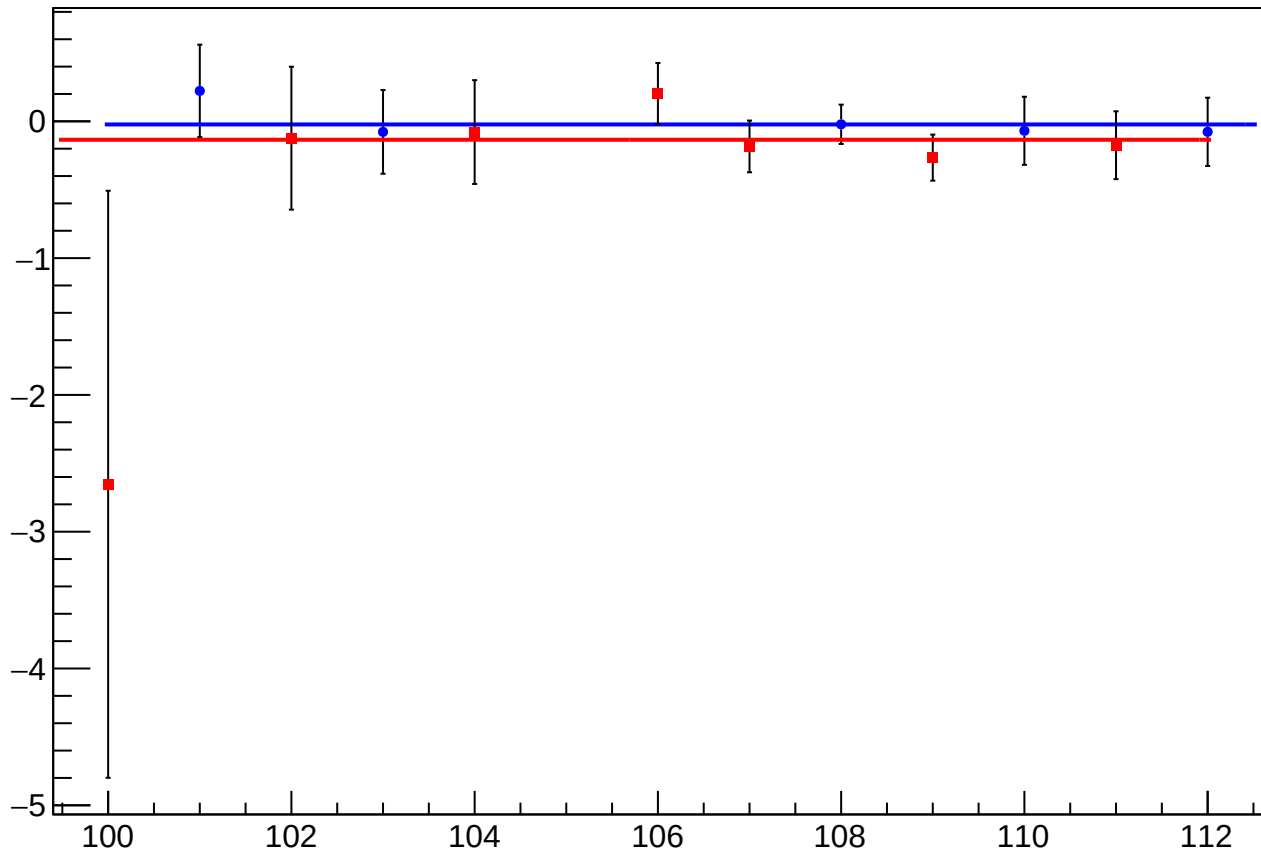
Right: 133.319+/-0.049 χ^2/NDF : 1548866.8/11

In: 139.929+/-0.071 χ^2/NDF :814536.9/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 133.319+/-0.049 χ^2/NDF : 1548866.8/11

asym_atl1r2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.023 ± 0.100 χ^2/NDF : 0.6/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.135 ± 0.095 χ^2/NDF : 4.4/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

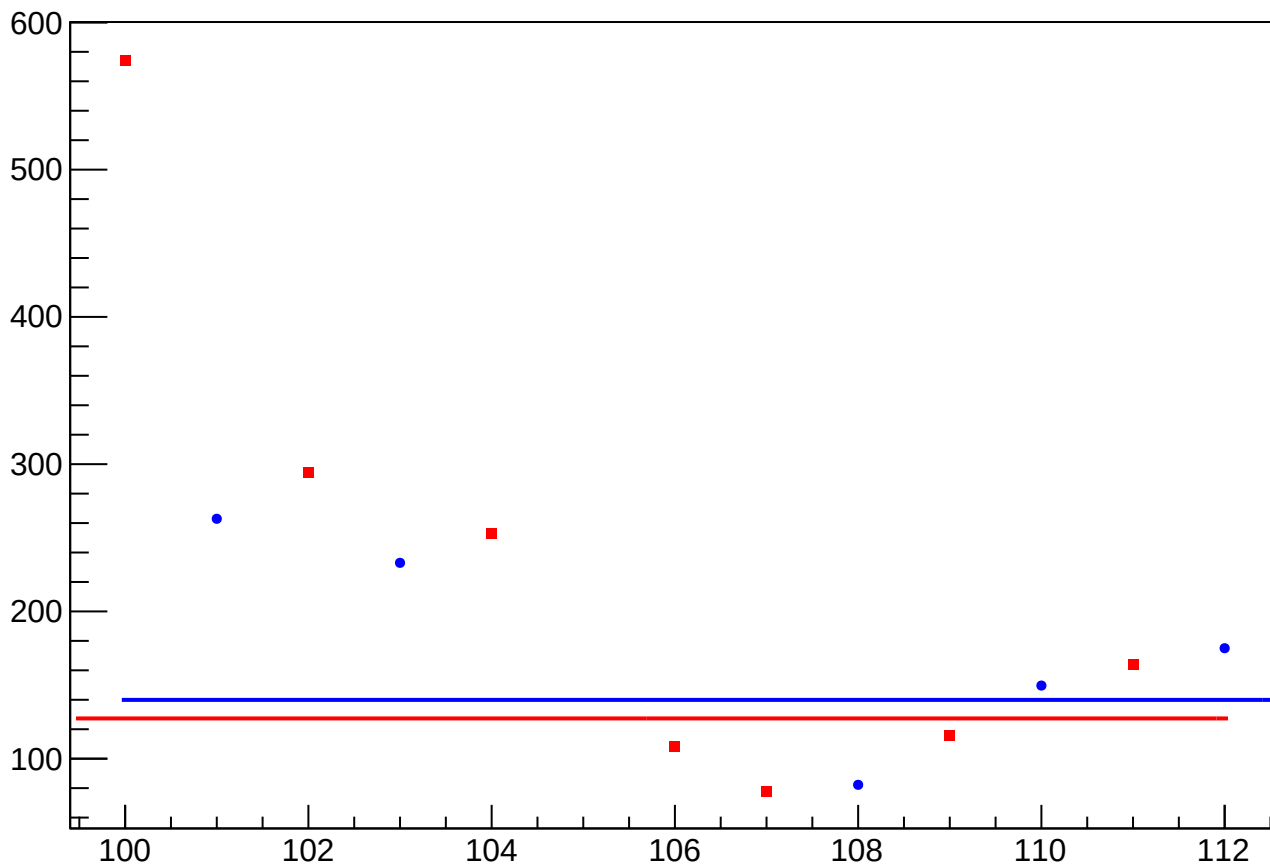
Right: -0.082 ± 0.069 χ^2/NDF : 5.7/11

In: -0.023 ± 0.100 χ^2/NDF : 0.6/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.082 ± 0.069 χ^2/NDF : 5.7/11

asym_atl1r2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.929+/-0.071 χ^2/NDF : 814536.9/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 127.325+/-0.067 χ^2/NDF : 717657.6/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

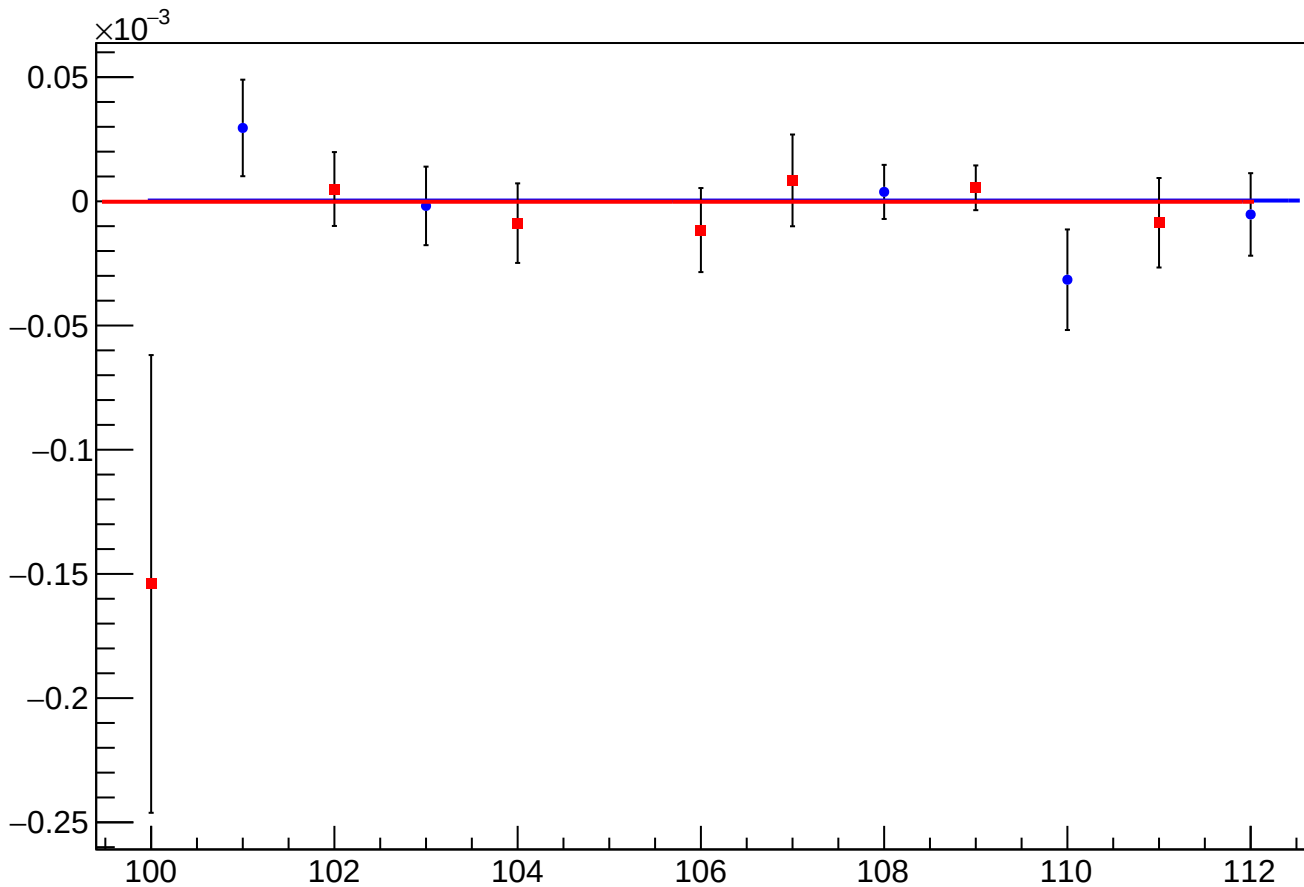
Right: 133.319+/-0.049 χ^2/NDF : 1548866.8/11

In: 139.929+/-0.071 χ^2/NDF :814536.9/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 133.319+/-0.049 χ^2/NDF : 1548866.8/11

asym_atl1r2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

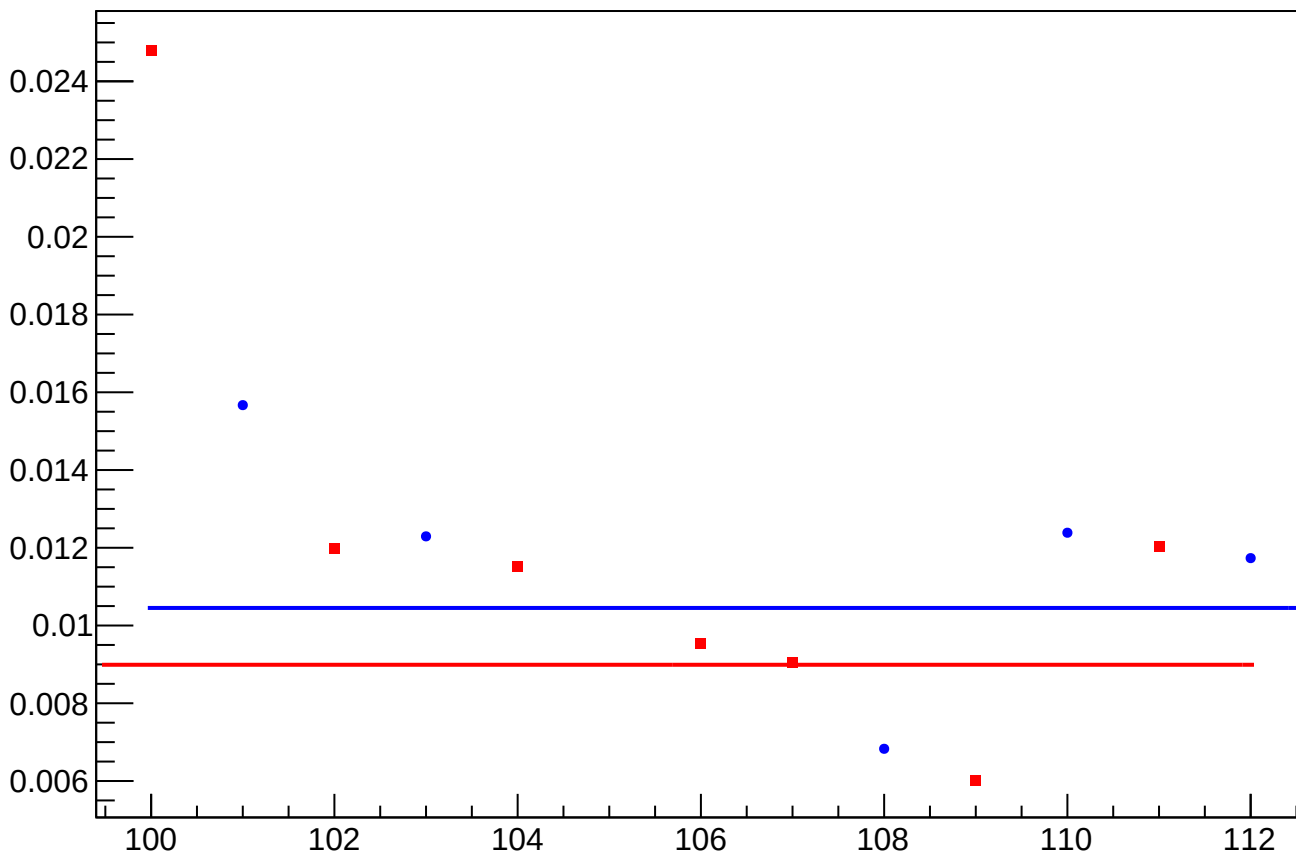
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.5/11

In: 0.000 $\pm$ 0.000 χ^2 /NDF:5.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.5/11

asym_atl1r2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 422833.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 467321.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

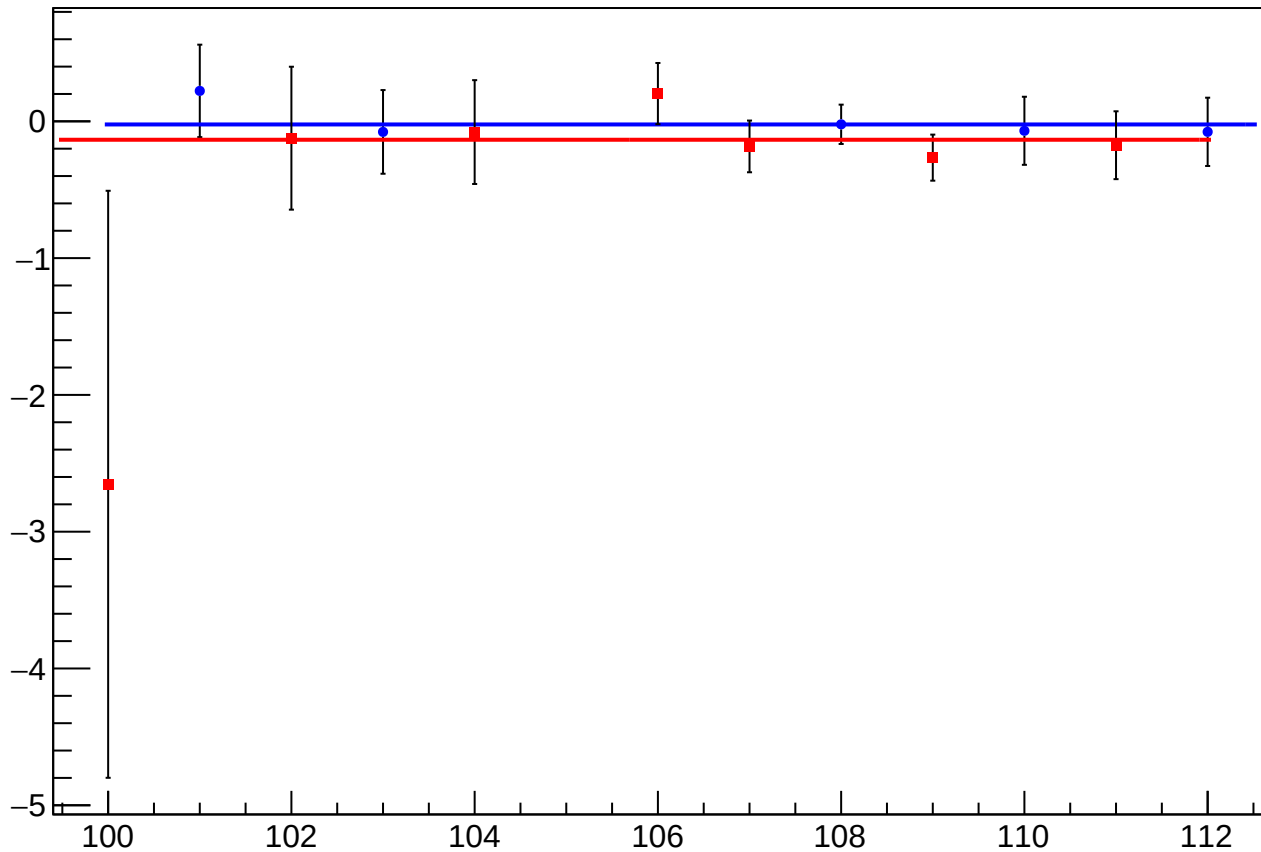
Right: 0.010+/-0.000 χ^2/NDF : 943432.2/11

In: 0.010+/-0.000 χ^2/NDF : 422833.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 943432.2/11

asym_atl1r2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: -0.082+/-0.069 χ^2/NDF : 5.7/11

In: -0.023+/-0.100 χ^2/NDF : 0.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.082+/-0.069 χ^2/NDF : 5.7/11

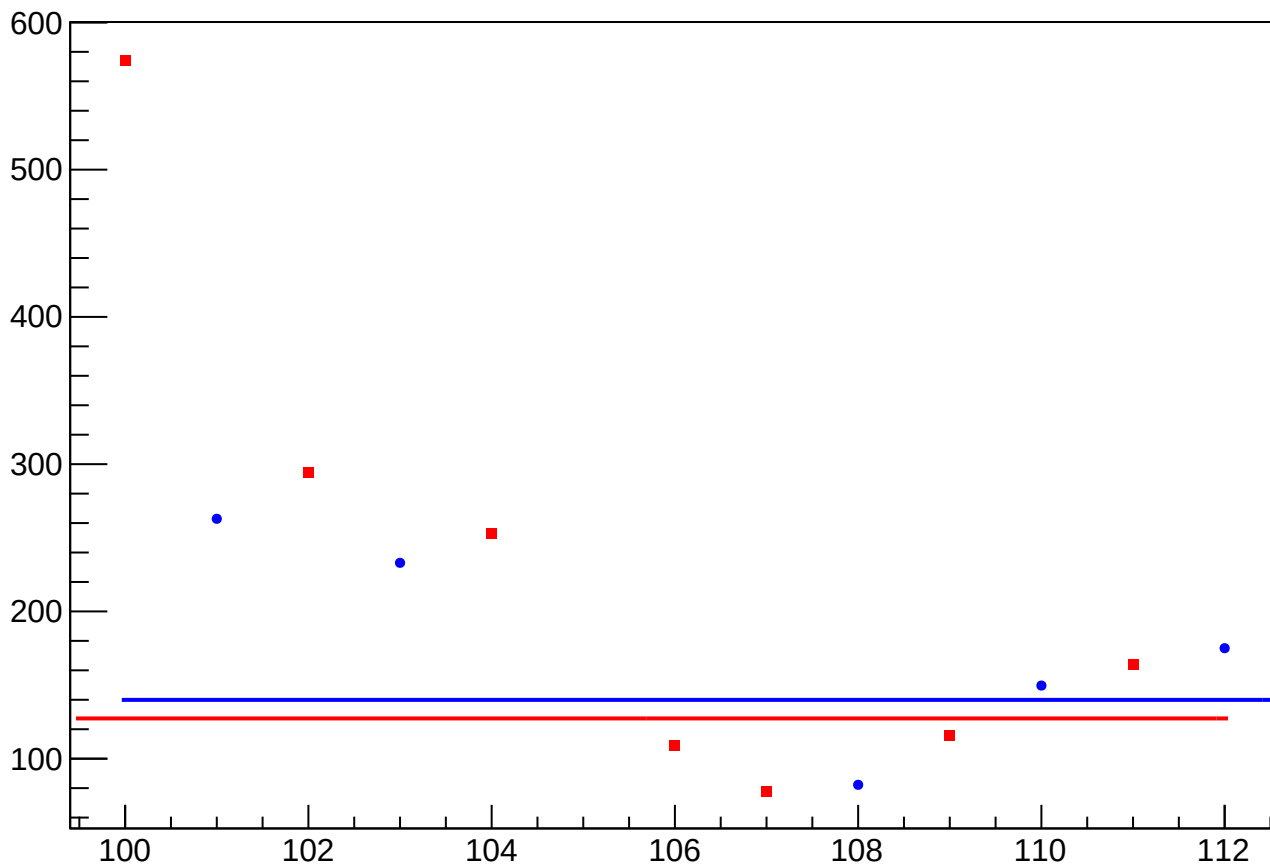
Right In: -0.023+/-0.100 χ^2/NDF : 0.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.135+/-0.095 χ^2/NDF : 4.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.930+/-0.071 χ^2/NDF : 814544.0/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 127.325+/-0.067 χ^2/NDF : 717695.7/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

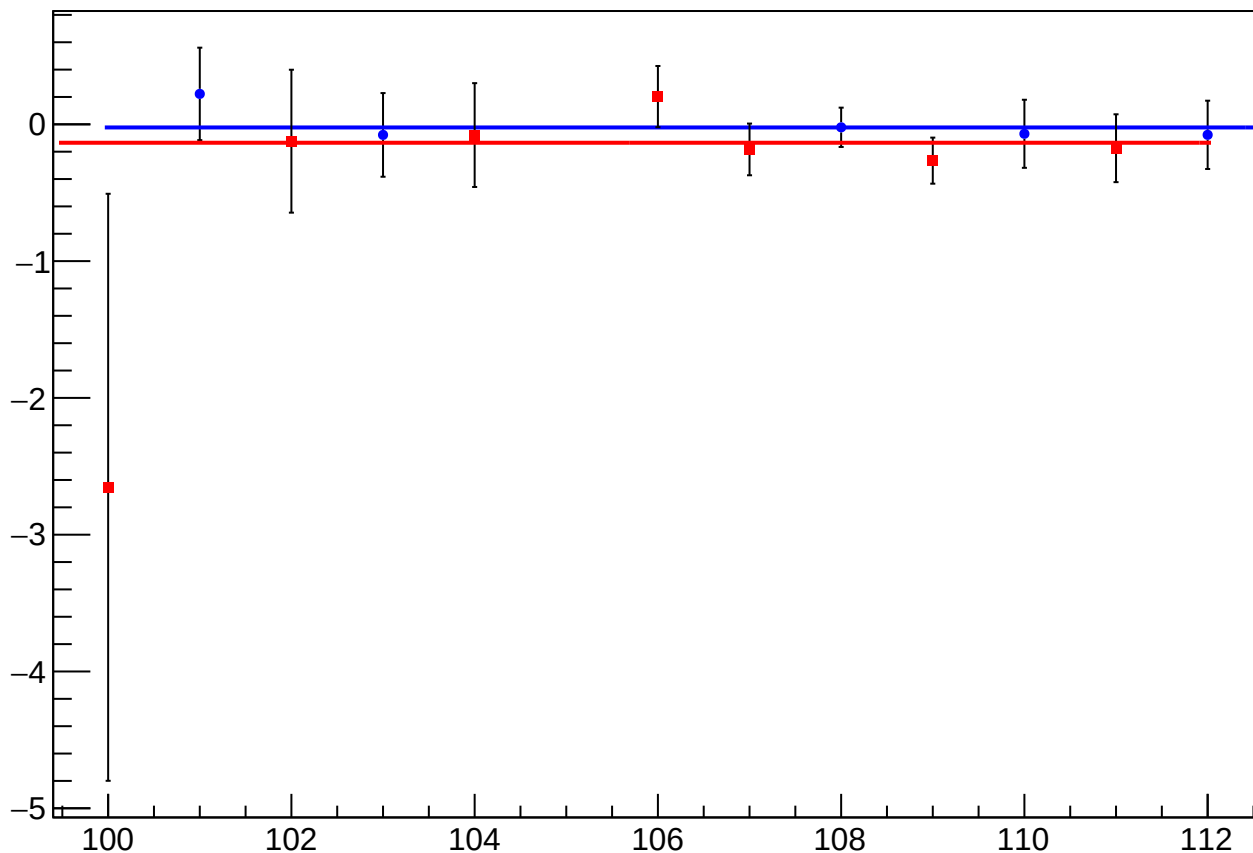
Right: 133.319+/-0.049 χ^2/NDF : 1548912.5/11

In: 139.930+/-0.071 χ^2/NDF :814544.0/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 133.319+/-0.049 χ^2/NDF : 1548912.5/11

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.023 $\pm$ 0.100 χ^2/NDF : 0.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.135 $\pm$ 0.095 χ^2/NDF : 4.4/6

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

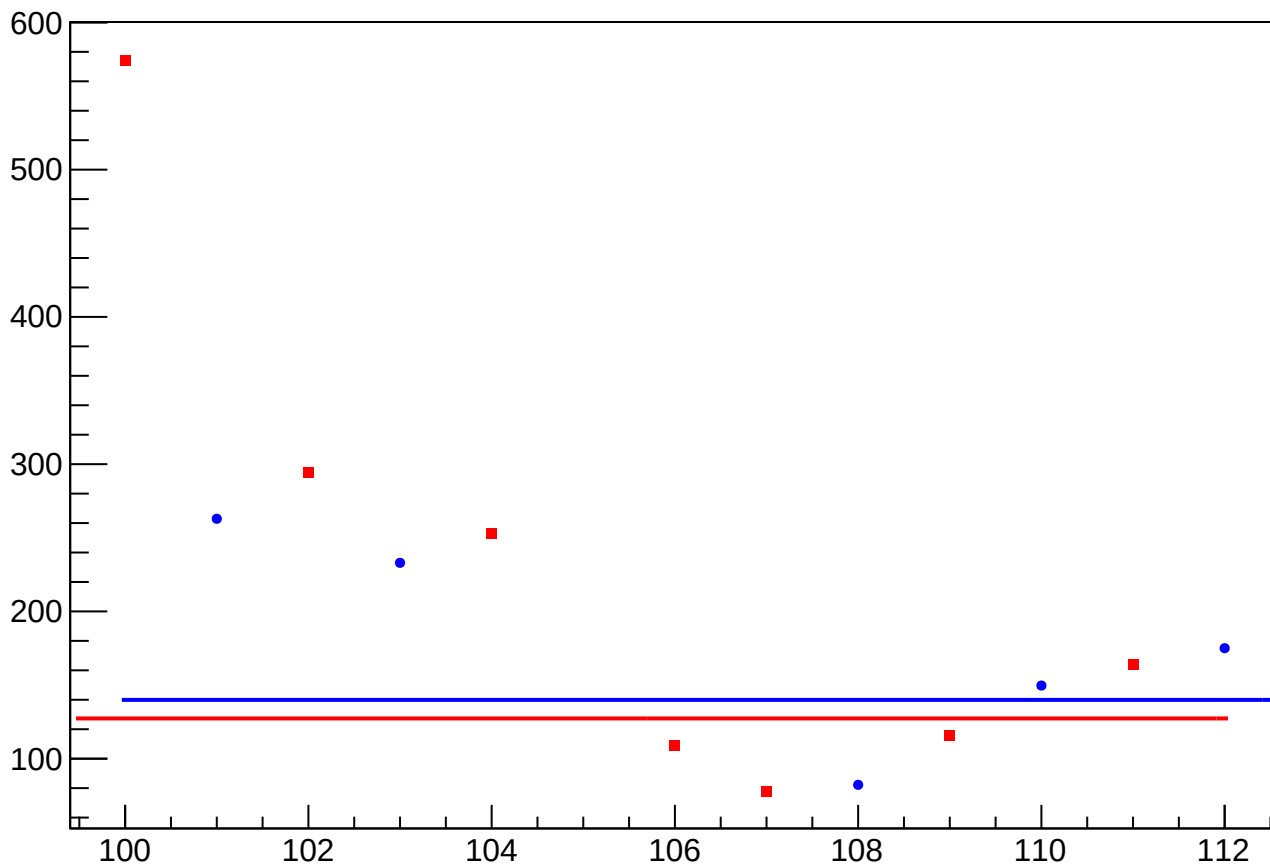
Right: -0.082 $\pm$ 0.069 χ^2/NDF : 5.7/11

In: -0.023 $\pm$ 0.100 χ^2/NDF : 0.6/4

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.082 $\pm$ 0.069 χ^2/NDF : 5.7/11

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.930+/-0.071 χ^2/NDF : 814544.0/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 127.325+/-0.067 χ^2/NDF : 717695.7/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

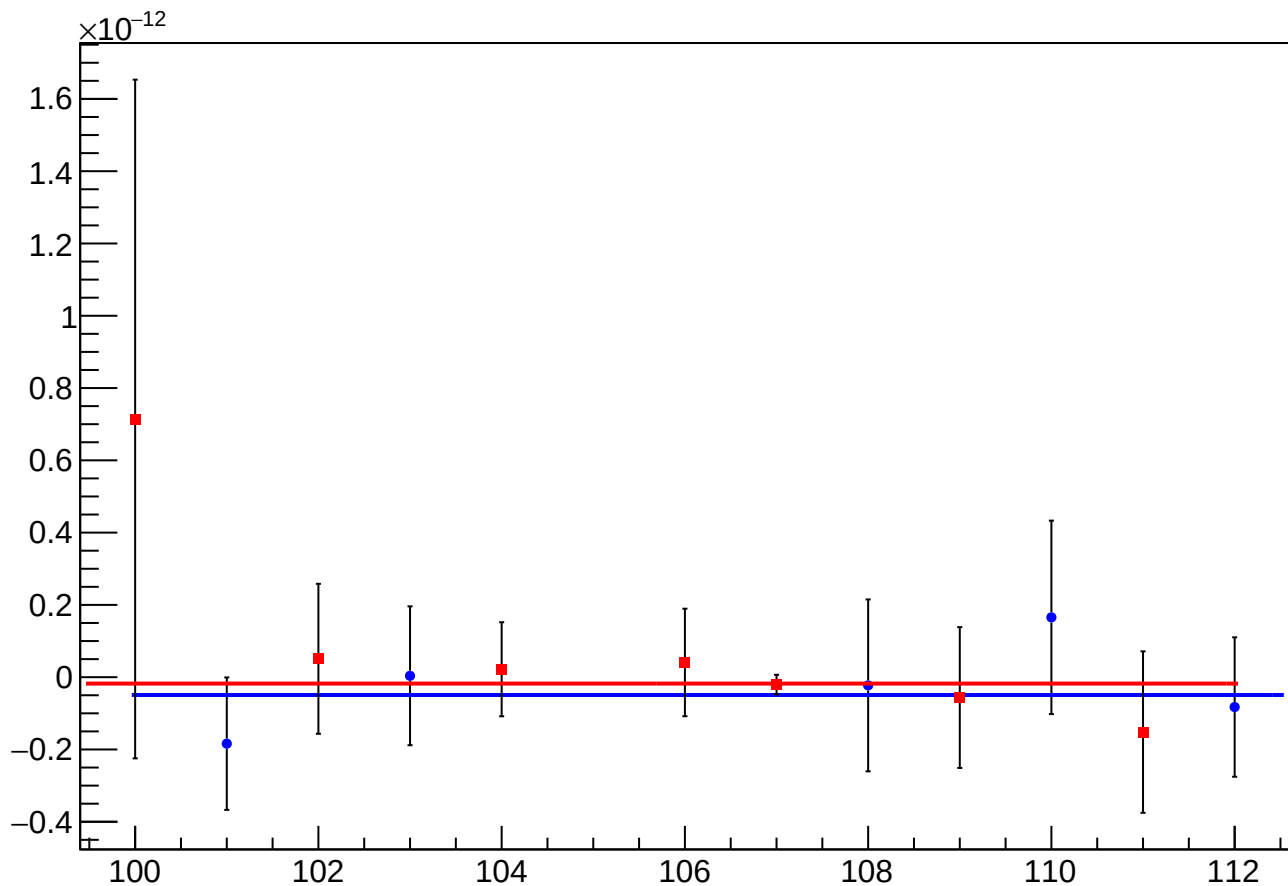
Right: 133.319+/-0.049 χ^2/NDF : 1548912.5/11

In: 139.930+/-0.071 χ^2/NDF :814544.0/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 133.319+/-0.049 χ^2/NDF : 1548912.5/11

asym_atl1r2_dd_eigen_cor_vs_slug_sign_corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

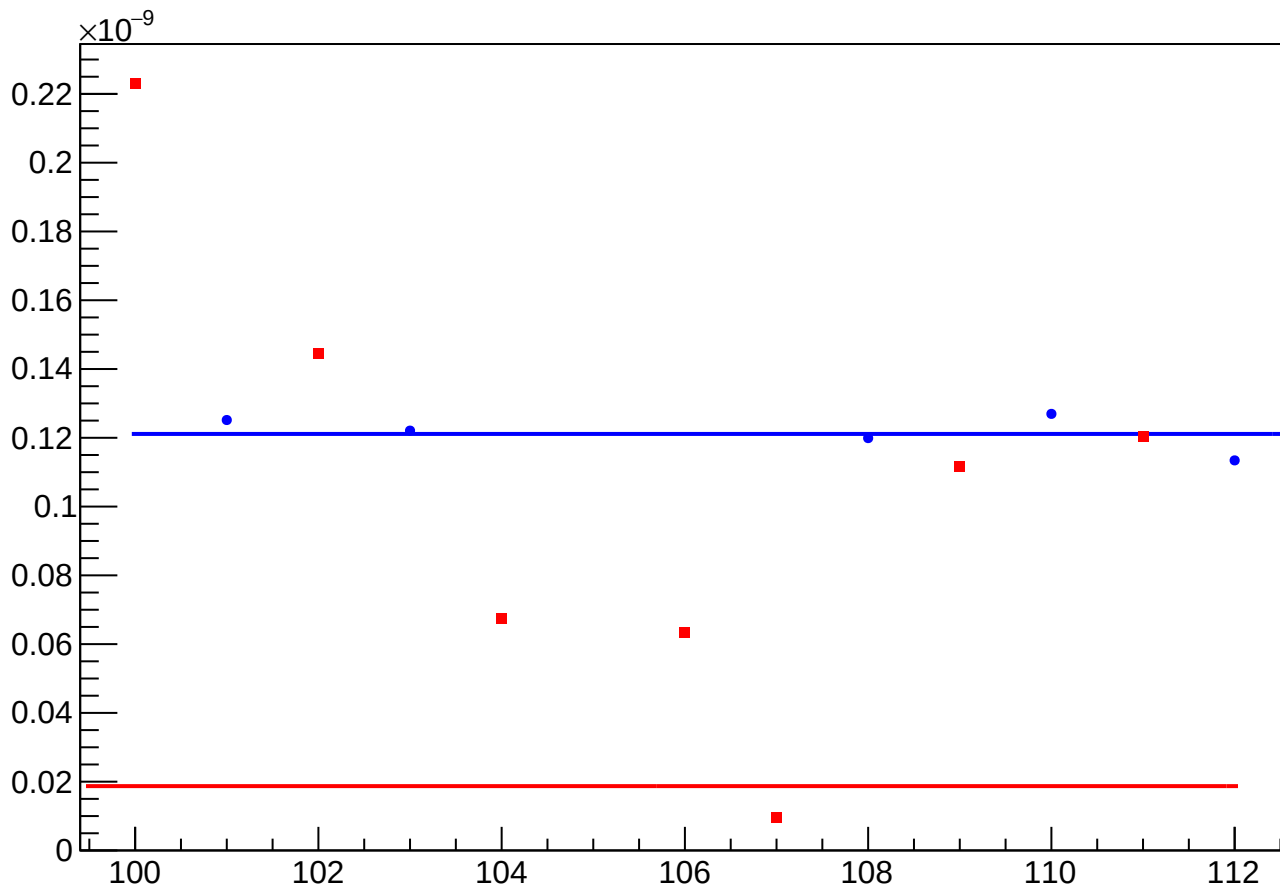
Right: -0.000+/-0.000 χ^2/NDF : 2.8/11

In: -0.000+/-0.000 χ^2/NDF : 1.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 2.8/11

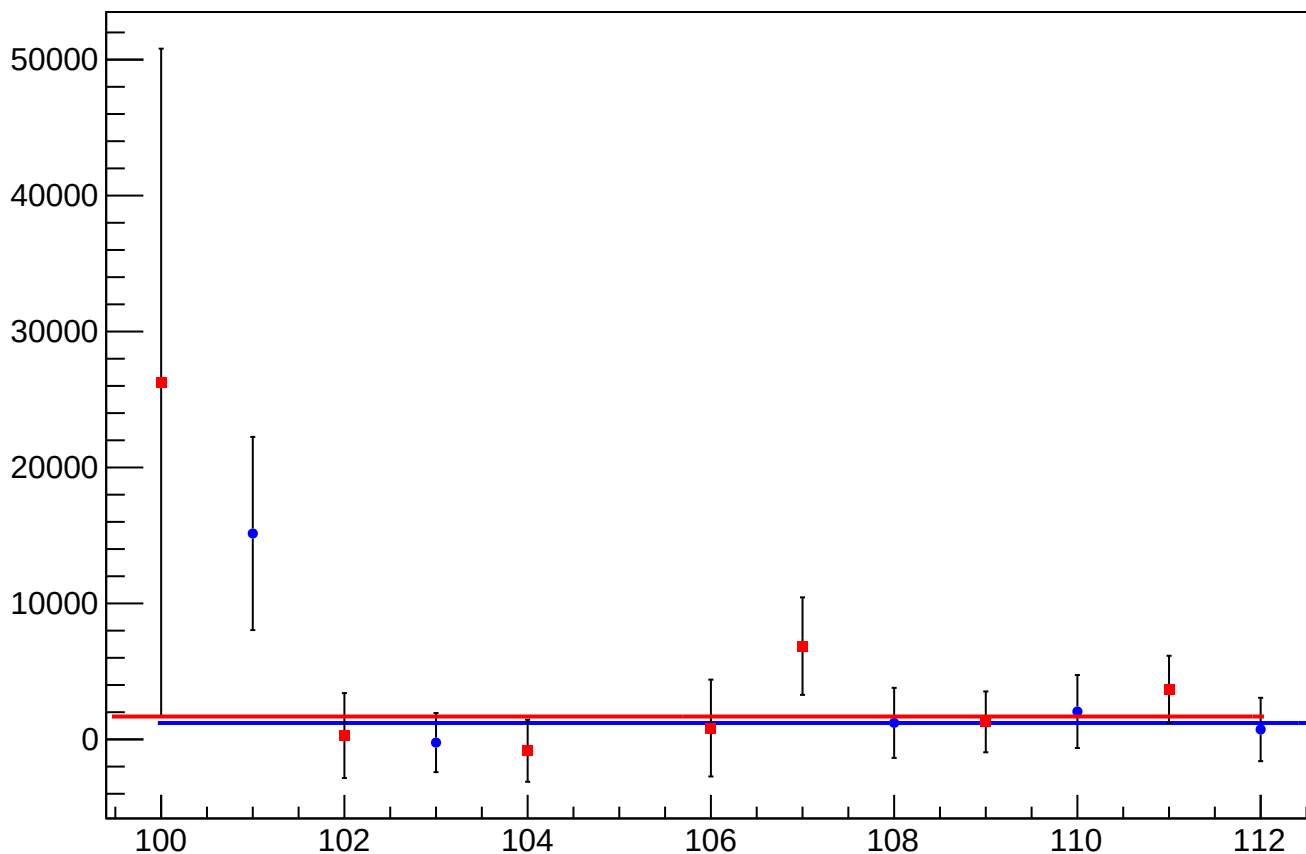
asym_atl1r2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5206.5/4
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 2391065.8/6
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 4648411.6/11
 In: 0.000+/-0.000 χ^2/NDF : 5206.5/4
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 4648411.6/11

reg_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1207.203+/-1190.888 χ^2/NDF : 4.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1682.580+/-1106.604 χ^2/NDF : 5.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

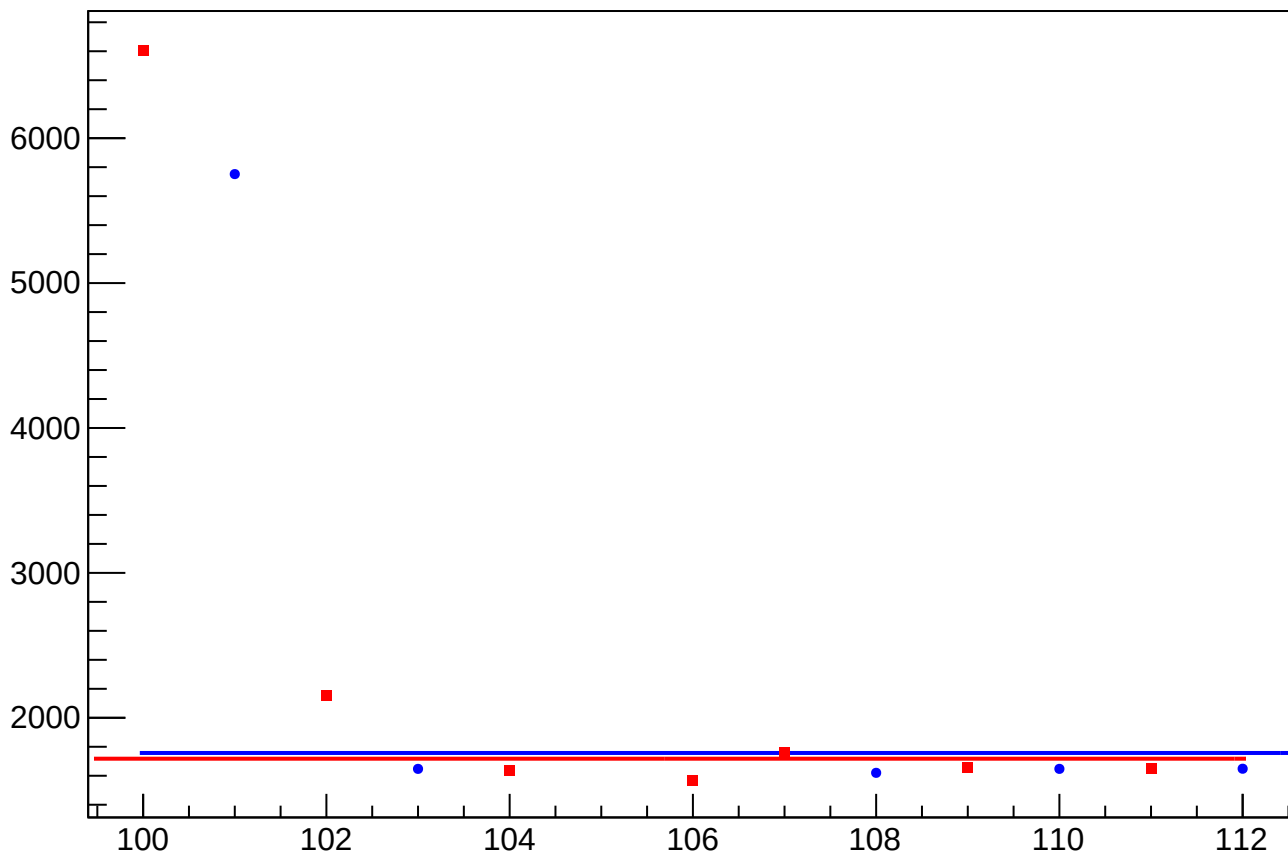
Right: 1462.307+/-810.648 χ^2/NDF : 9.8/11

In: 1207.203+/-1190.888 χ^2/NDF : 4.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1462.307+/-810.648 χ^2/NDF : 9.8/11

reg_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1757.237+/-0.842 χ^2/NDF : 650627.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1717.689+/-0.766 χ^2/NDF : 129520.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

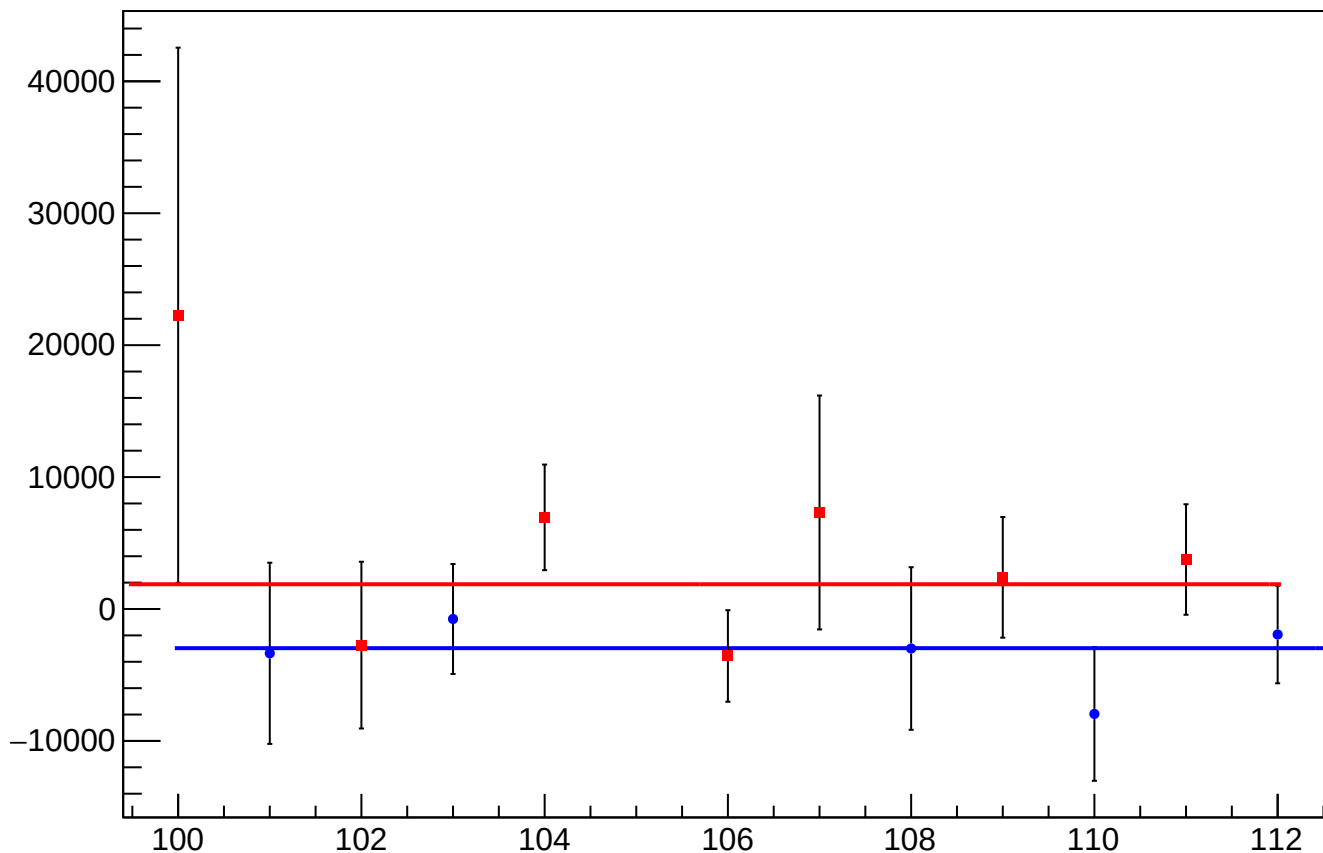
Right: 1735.608+/-0.567 χ^2/NDF : 781354.2/11

In: 1757.237+/-0.842 χ^2/NDF : 650627.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1735.608+/-0.567 χ^2/NDF : 781354.2/11

asym_atr1l2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -2968.452+/-2146.440 χ^2/NDF : 1.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1876.410+/-1855.450 χ^2/NDF : 6.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

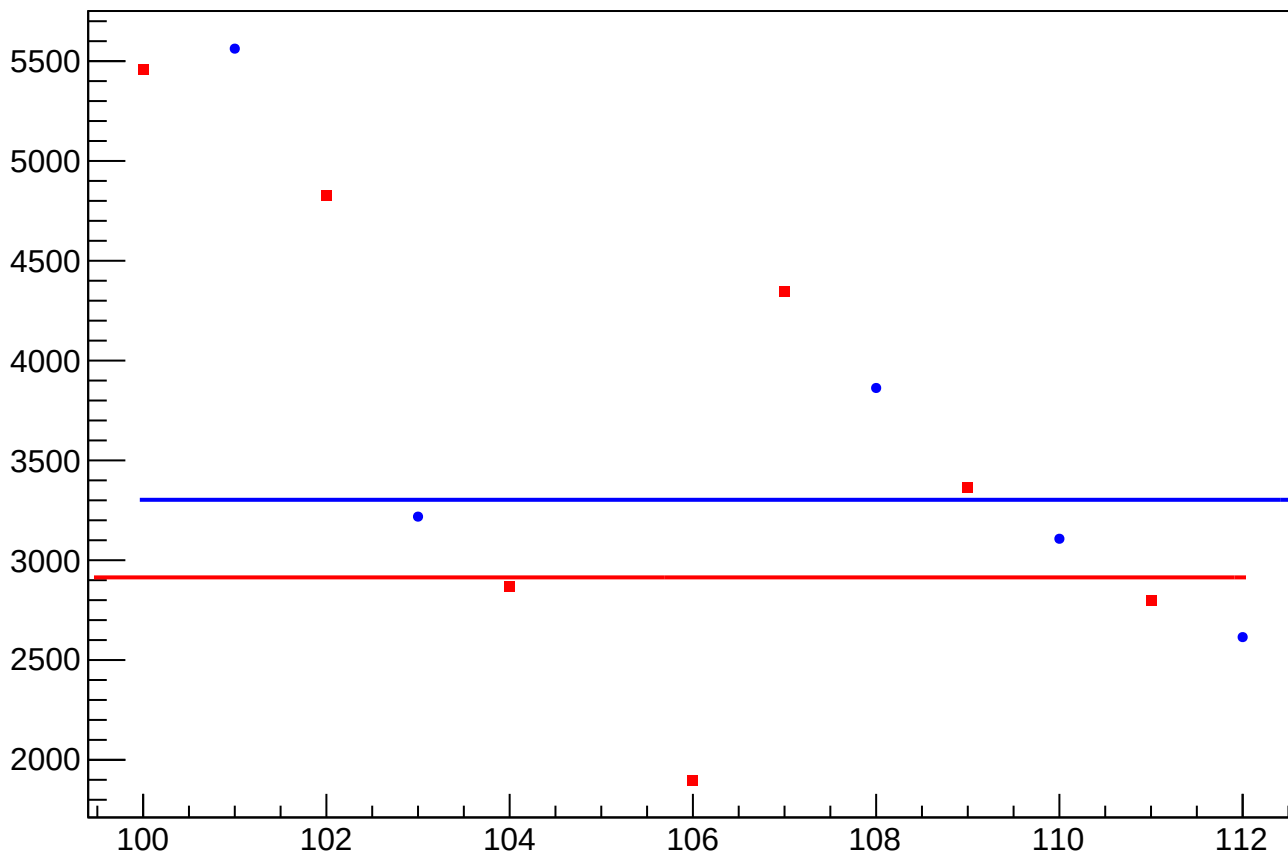
Right: -195.589+/-1403.695 χ^2/NDF : 10.4/11

In: -2968.452+/-2146.440 χ^2/NDF : 1.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -195.589+/-1403.695 χ^2/NDF : 10.4/11

asym_atr1l2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3302.646+/-1.518 χ^2/NDF : 306014.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2913.979+/-1.312 χ^2/NDF : 459839.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

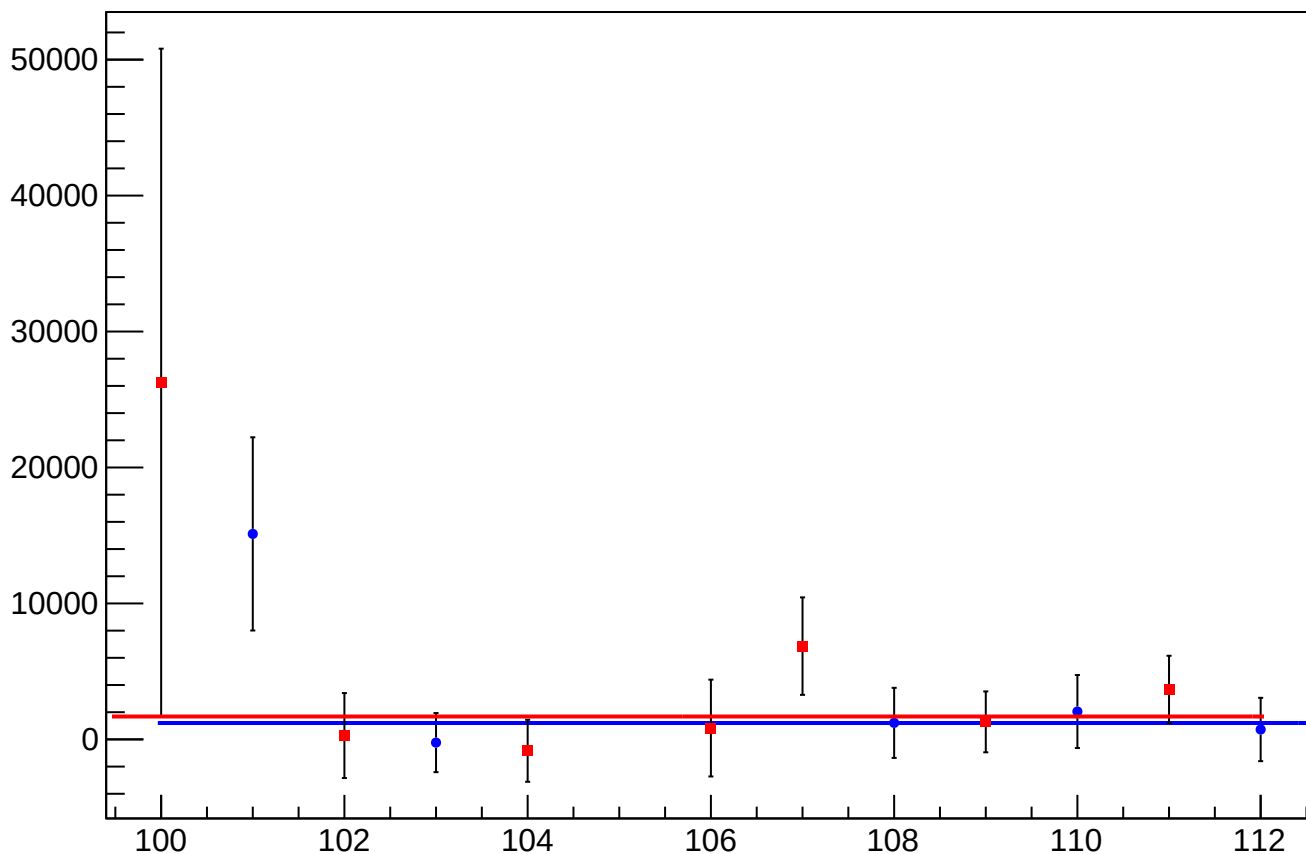
Right: 3080.200+/-0.993 χ^2/NDF : 803385.3/11

In: 3302.646+/-1.518 χ^2/NDF : 306014.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3080.200+/-0.993 χ^2/NDF : 803385.3/11

cor_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1206.283+/-1190.889 χ^2/NDF : 4.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1682.839+/-1106.604 χ^2/NDF : 5.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

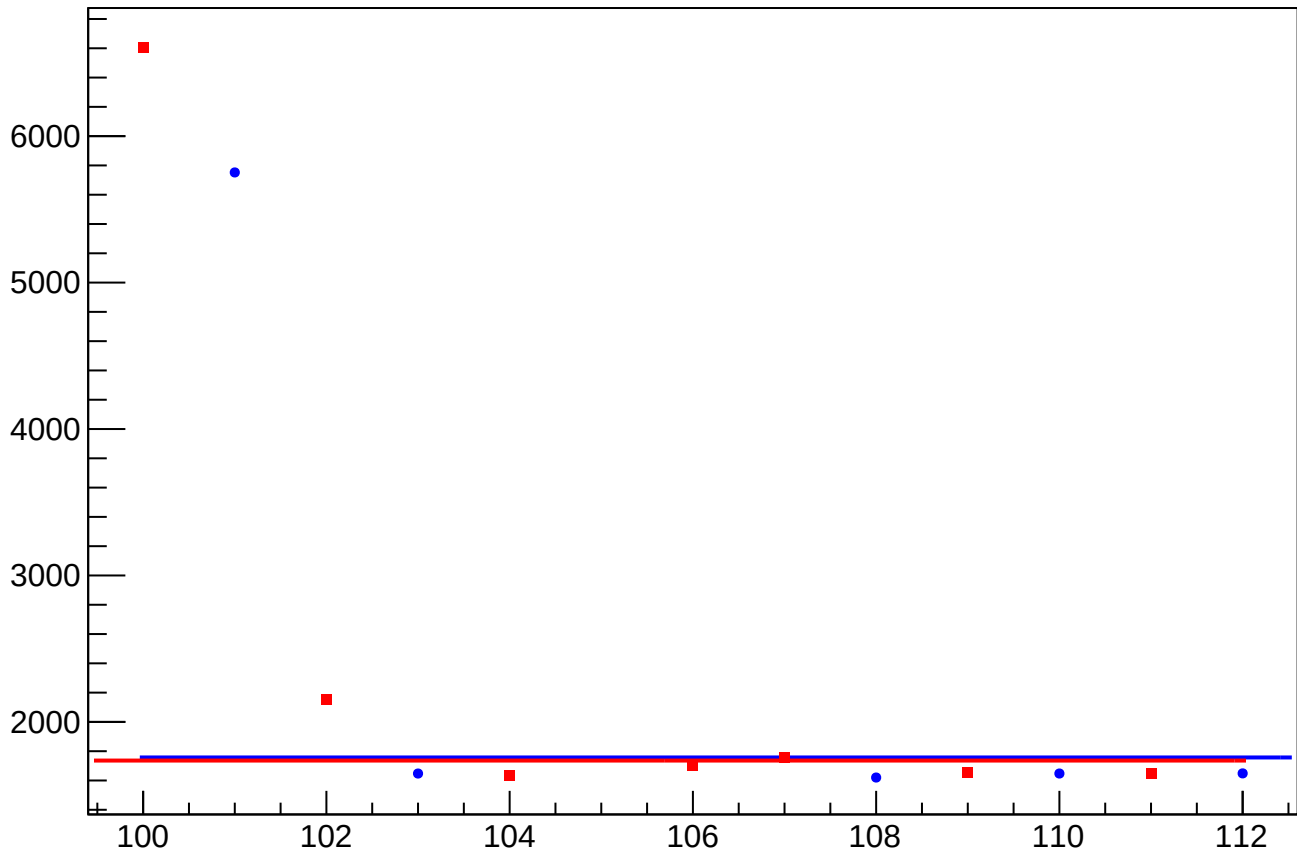
Right: 1462.020+/-810.648 χ^2/NDF : 9.8/11

In: 1206.283+/-1190.889 χ^2/NDF : 4.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1462.020+/-810.648 χ^2/NDF : 9.8/11

cor_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1757.236+/-0.842 χ^2/NDF : 650627.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1736.098+/-0.774 χ^2/NDF : 123883.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

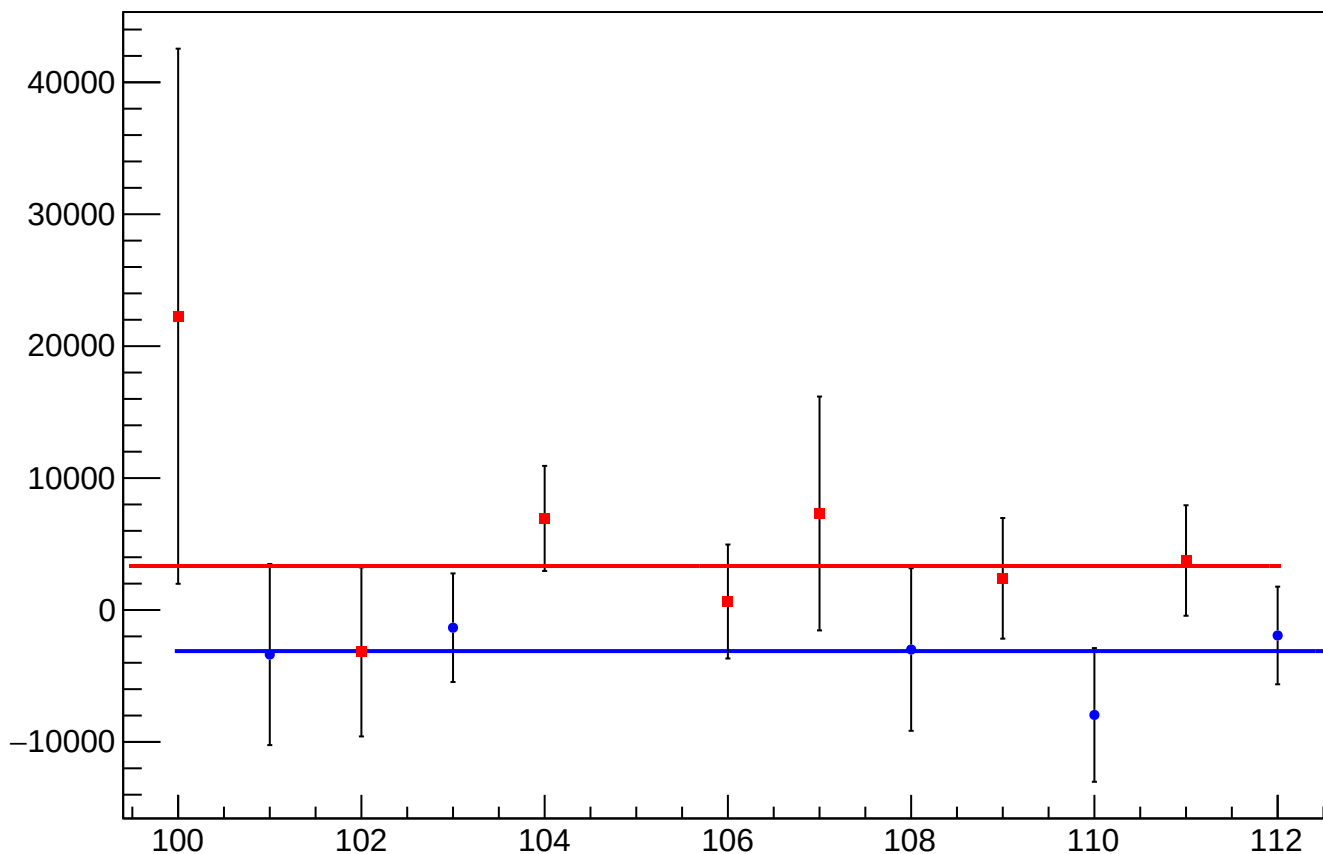
Right: 1745.781+/-0.570 χ^2/NDF : 774852.5/11

In: 1757.236+/-0.842 χ^2/NDF : 650627.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1745.781+/-0.570 χ^2/NDF : 774852.5/11

asym_atr1l2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -3113.136+/-2139.073 χ^2/NDF : 1.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3336.238+/-1957.566 χ^2/NDF : 3.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

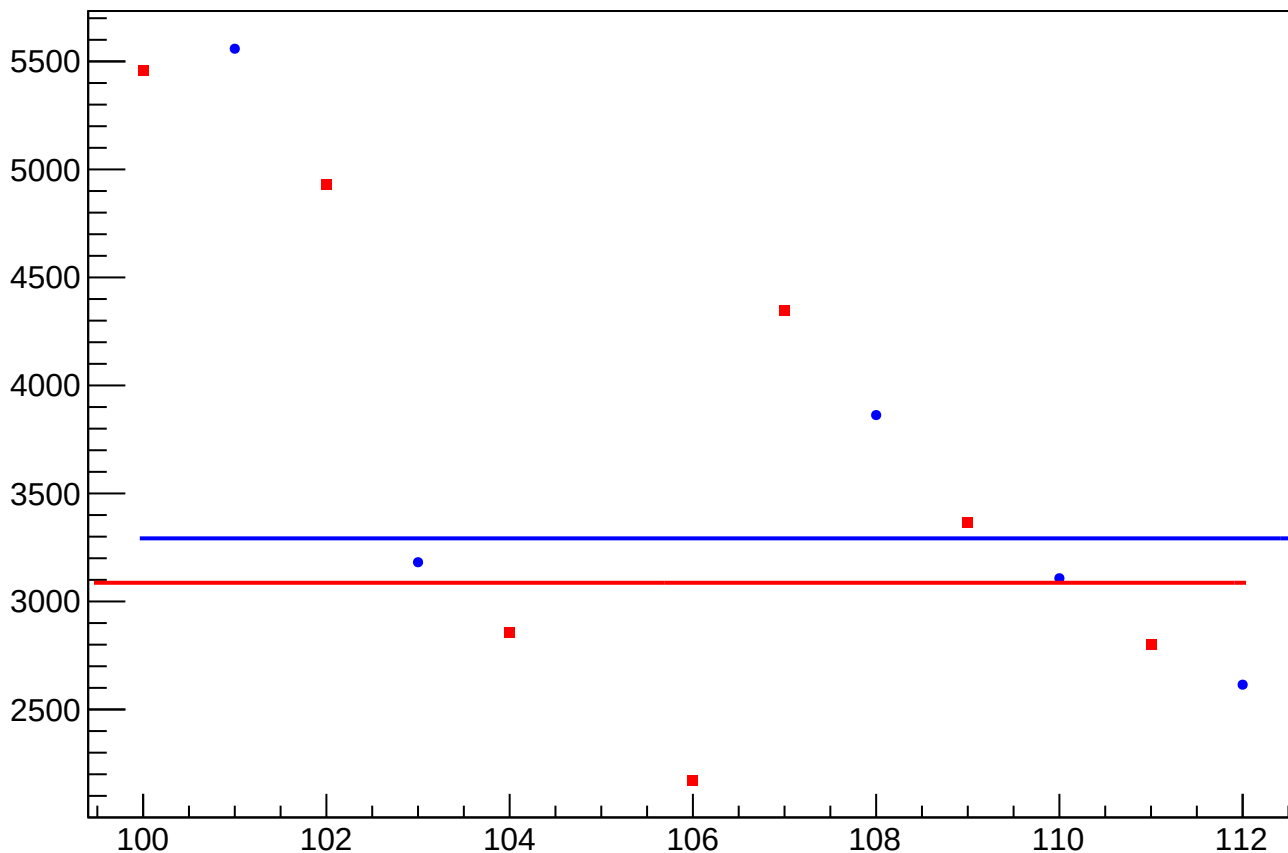
Right: 396.740+/-1444.121 χ^2/NDF : 9.5/11

In: -3113.136+/-2139.073 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 396.740+/-1444.121 χ^2/NDF : 9.5/11

asym_atr1l2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3292.066+/-1.513 χ^2/NDF : 306433.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3086.521+/-1.384 χ^2/NDF : 346146.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

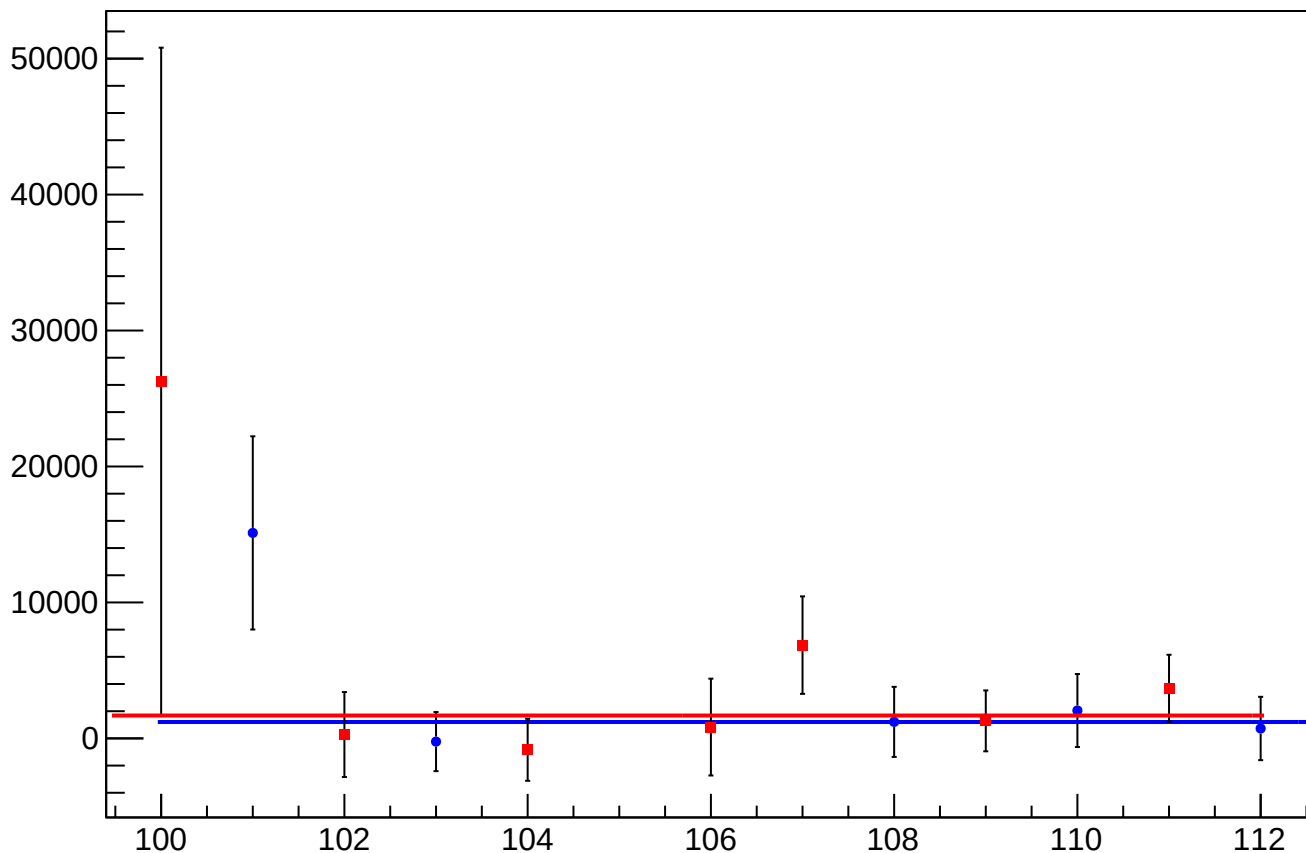
Right: 3180.205+/-1.021 χ^2/NDF : 662629.5/11

In: 3292.066+/-1.513 χ^2/NDF : 306433.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3180.205+/-1.021 χ^2/NDF : 662629.5/11

eigen_cor_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1206.283+/-1190.889 χ^2/NDF : 4.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1682.839+/-1106.604 χ^2/NDF : 5.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

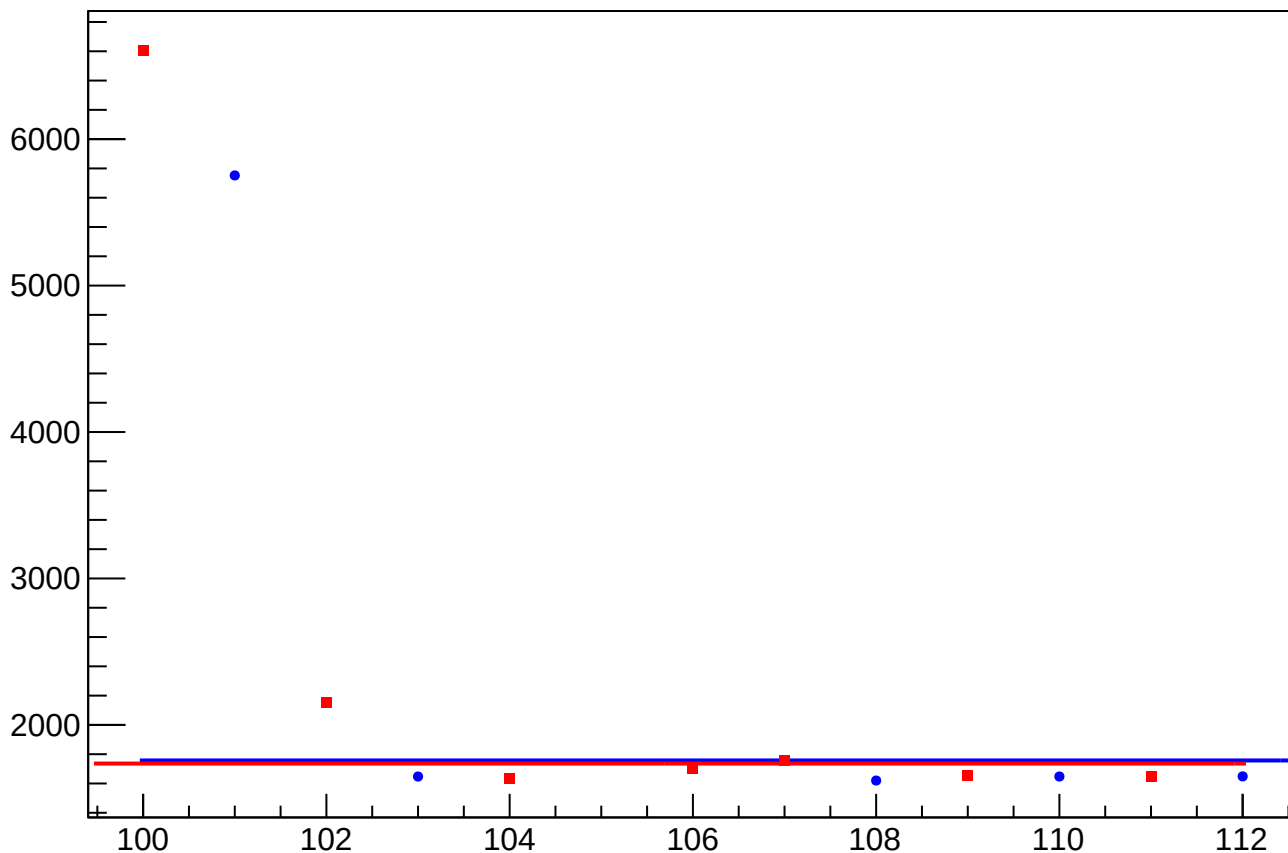
Right: 1462.020+/-810.648 χ^2/NDF : 9.8/11

In: 1206.283+/-1190.889 χ^2/NDF : 4.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1462.020+/-810.648 χ^2/NDF : 9.8/11

eigen_cor_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1757.236+/-0.842 χ^2/NDF : 650627.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1736.098+/-0.774 χ^2/NDF : 123883.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

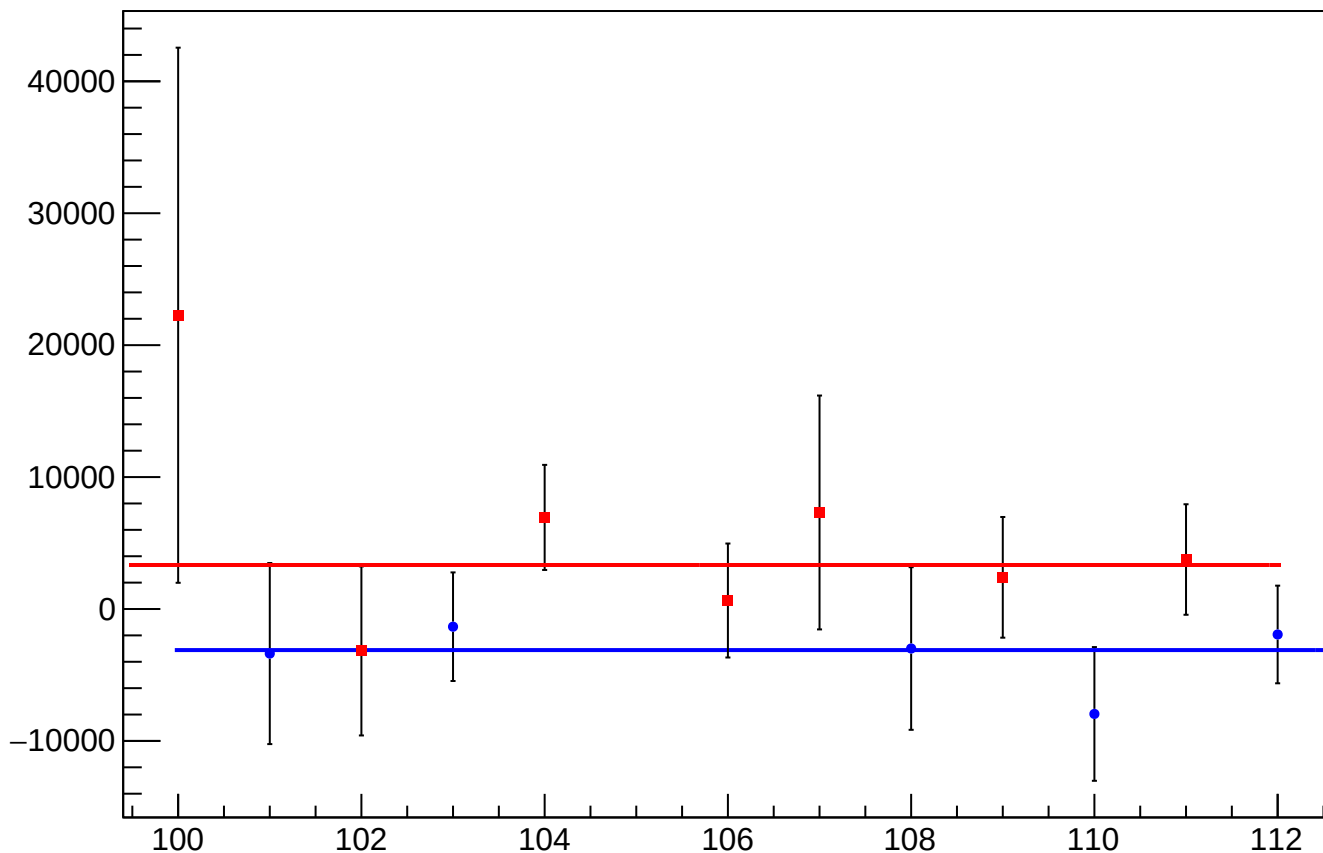
Right: 1745.781+/-0.570 χ^2/NDF : 774852.5/11

In: 1757.236+/-0.842 χ^2/NDF : 650627.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1745.781+/-0.570 χ^2/NDF : 774852.5/11

asym_atr1l2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -3113.136+/-2139.073 χ^2/NDF : 1.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3336.238+/-1957.566 χ^2/NDF : 3.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

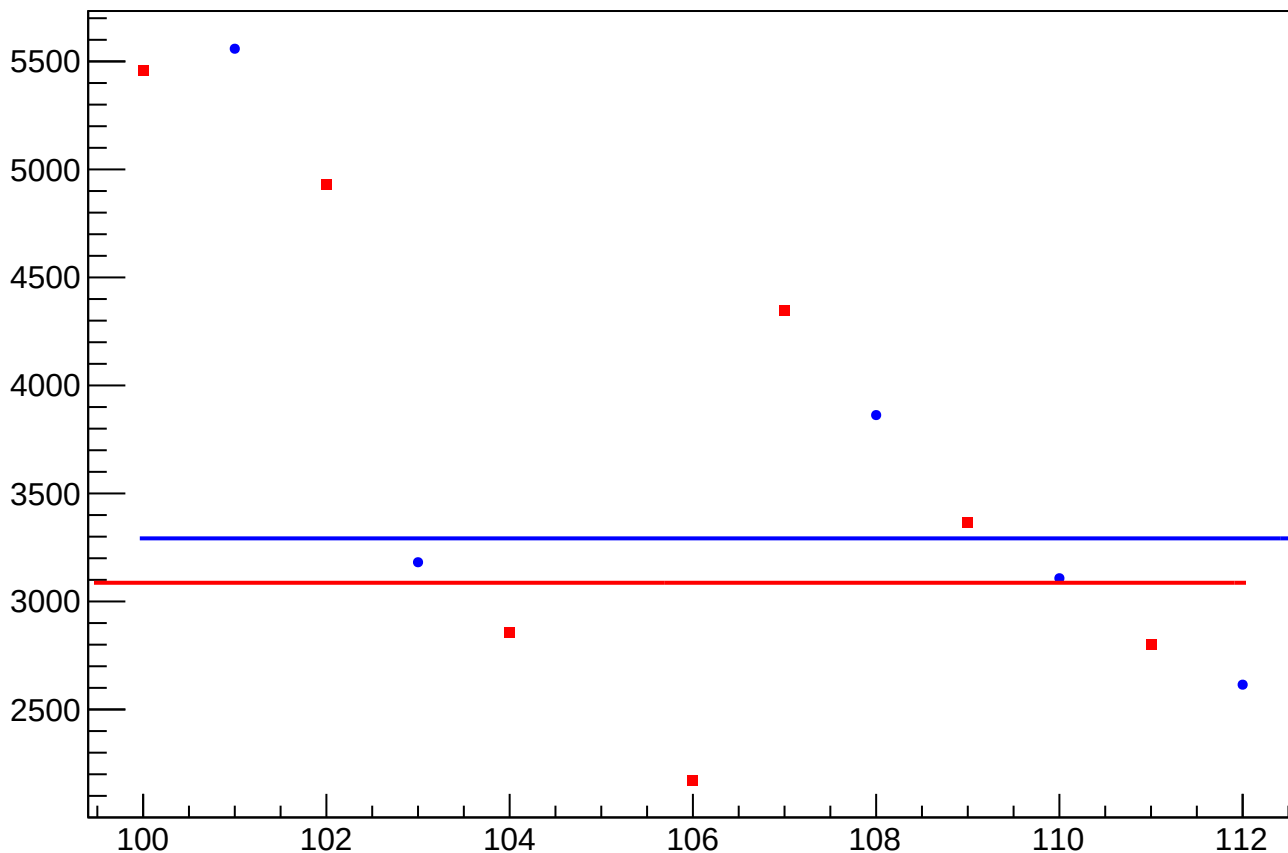
Right: 396.740+/-1444.121 χ^2/NDF : 9.5/11

In: -3113.136+/-2139.073 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 396.740+/-1444.121 χ^2/NDF : 9.5/11

asym_atr1l2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3292.066+/-1.513 χ^2/NDF : 306433.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3086.521+/-1.384 χ^2/NDF : 346146.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

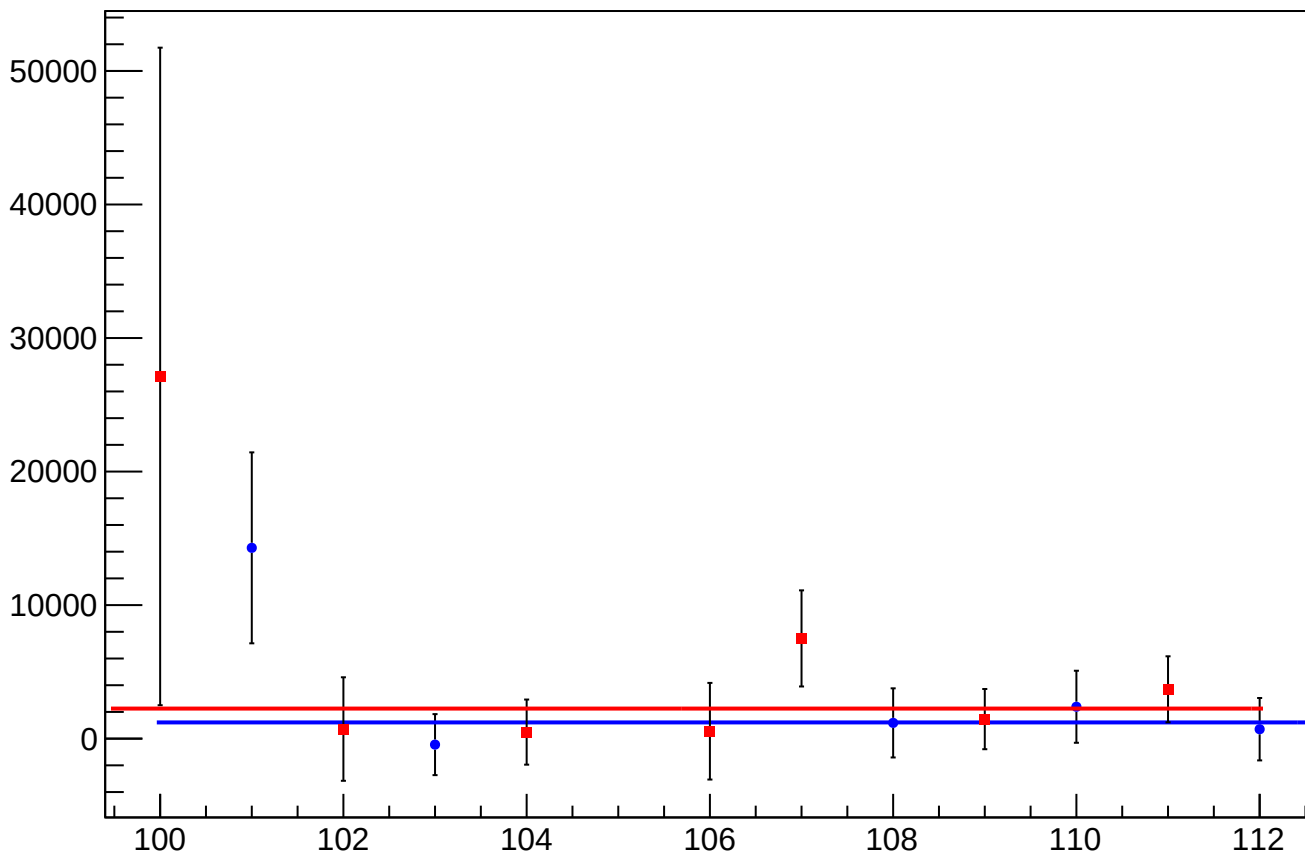
Right: 3180.205+/-1.021 χ^2/NDF : 662629.5/11

In: 3292.066+/-1.513 χ^2/NDF : 306433.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3180.205+/-1.021 χ^2/NDF : 662629.5/11

dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1214.172+/-1211.832 χ^2/NDF : 4.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2250.934+/-1154.415 χ^2/NDF : 4.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

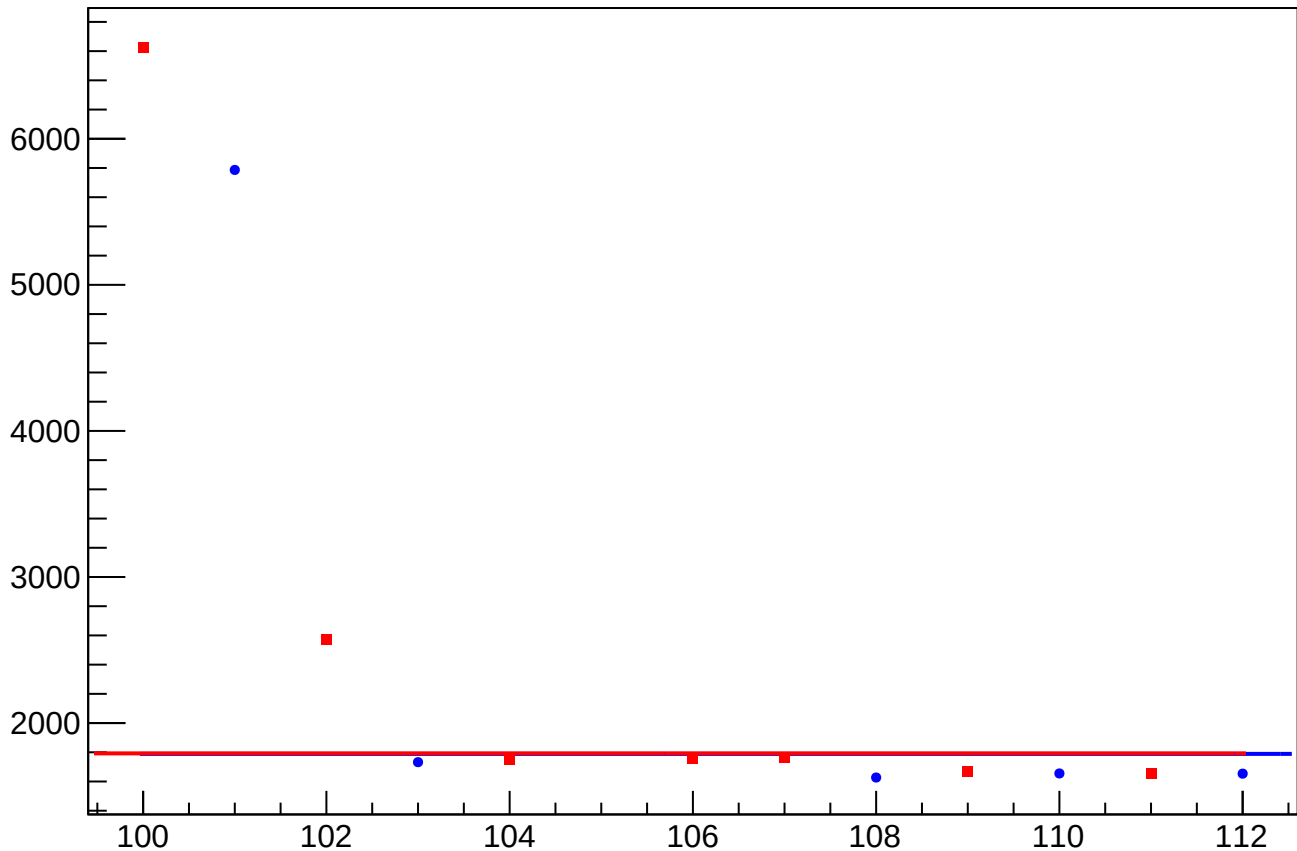
Right: 1757.696+/-835.856 χ^2/NDF : 9.0/11

In: 1214.172+/-1211.832 χ^2/NDF : 4.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1757.696+/-835.856 χ^2/NDF : 9.0/11

dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1789.030+/-0.857 χ^2/NDF : 645924.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1792.468+/-0.810 χ^2/NDF : 171996.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

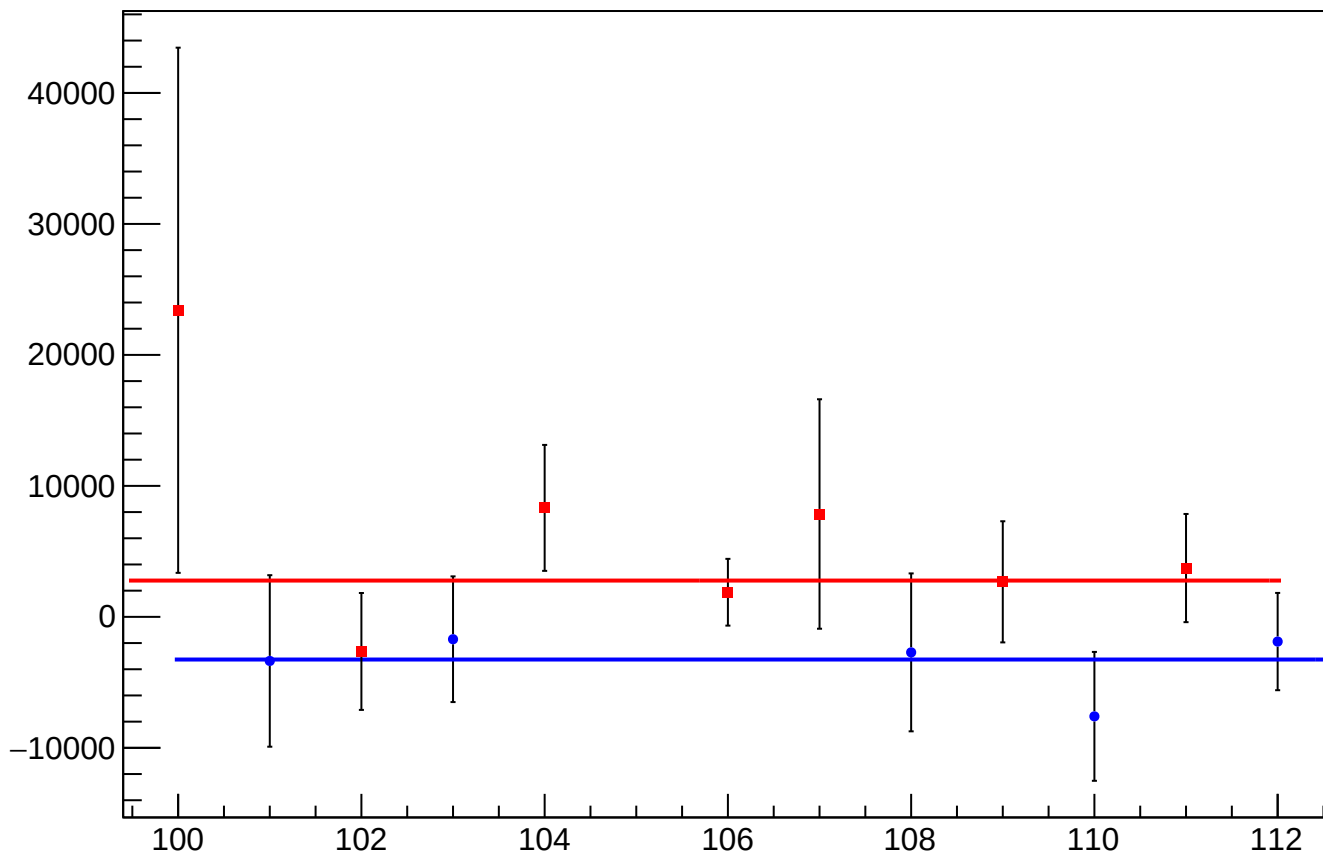
Right: 1790.846+/-0.589 χ^2/NDF : 817930.2/11

In: 1789.030+/-0.857 χ^2/NDF : 645924.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1790.846+/-0.589 χ^2/NDF : 817930.2/11

asym_atr1l2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -3257.256+/-2192.162 χ^2/NDF : 1.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2771.623+/-1647.612 χ^2/NDF : 4.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

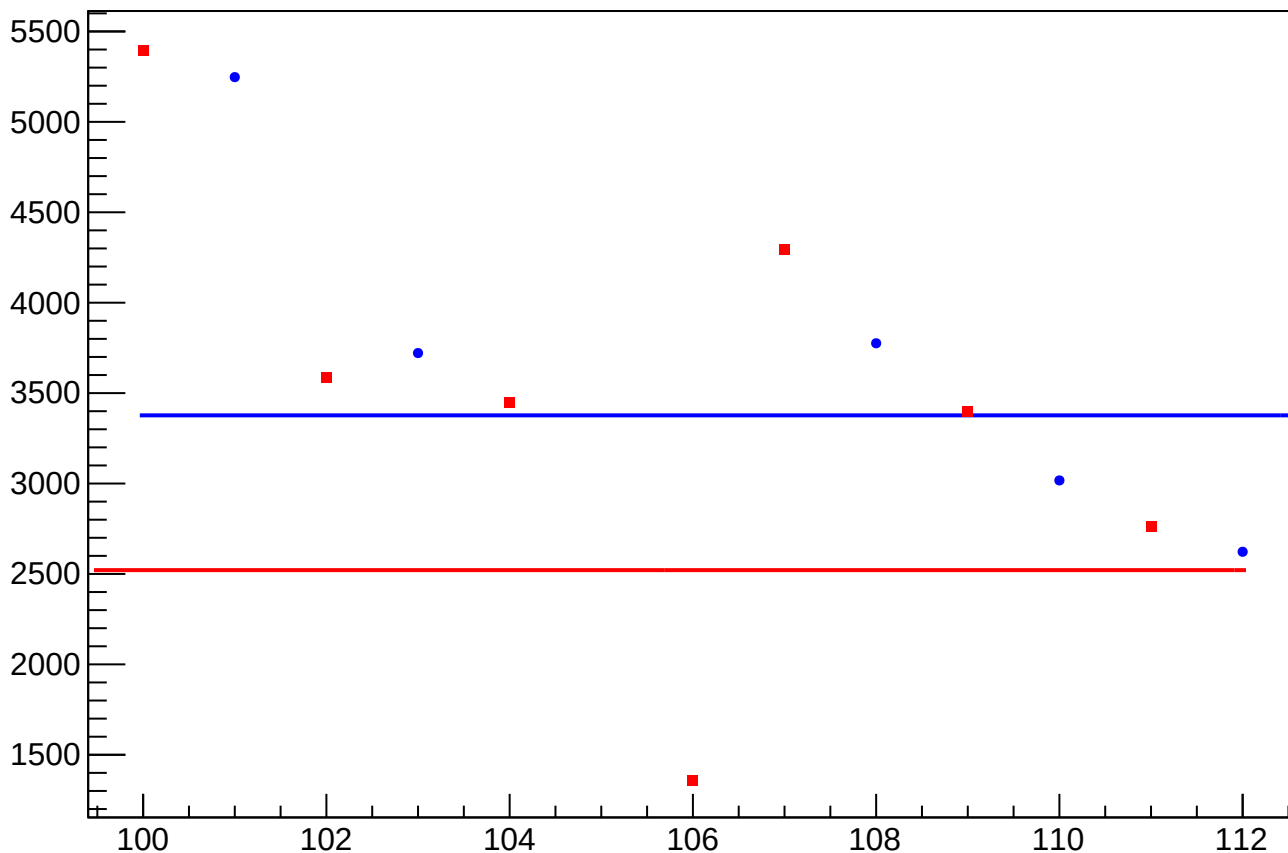
Right: 595.332+/-1317.082 χ^2/NDF : 10.2/11

In: -3257.256+/-2192.162 χ^2/NDF : 1.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 595.332+/-1317.082 χ^2/NDF : 10.2/11

asym_atr1l2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3377.011+/-1.550 χ^2/NDF : 275471.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2521.116+/-1.165 χ^2/NDF : 807667.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

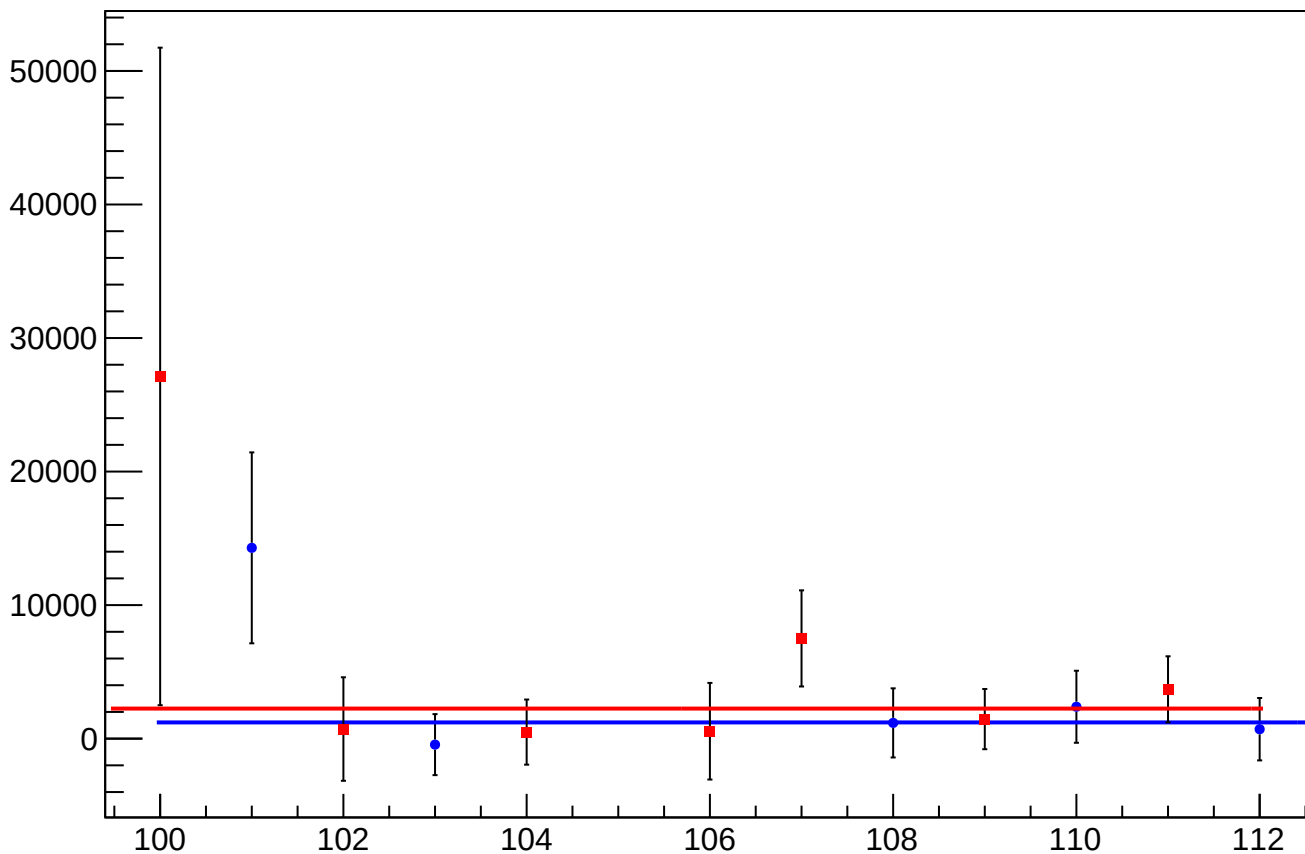
Right: 2830.075+/-0.931 χ^2/NDF : 1277962.3/11

In: 3377.011+/-1.550 χ^2/NDF : 275471.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2830.075+/-0.931 χ^2/NDF : 1277962.3/11

eigen_dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1214.185+/-1211.832 χ^2/NDF : 4.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2250.932+/-1154.415 χ^2/NDF : 4.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

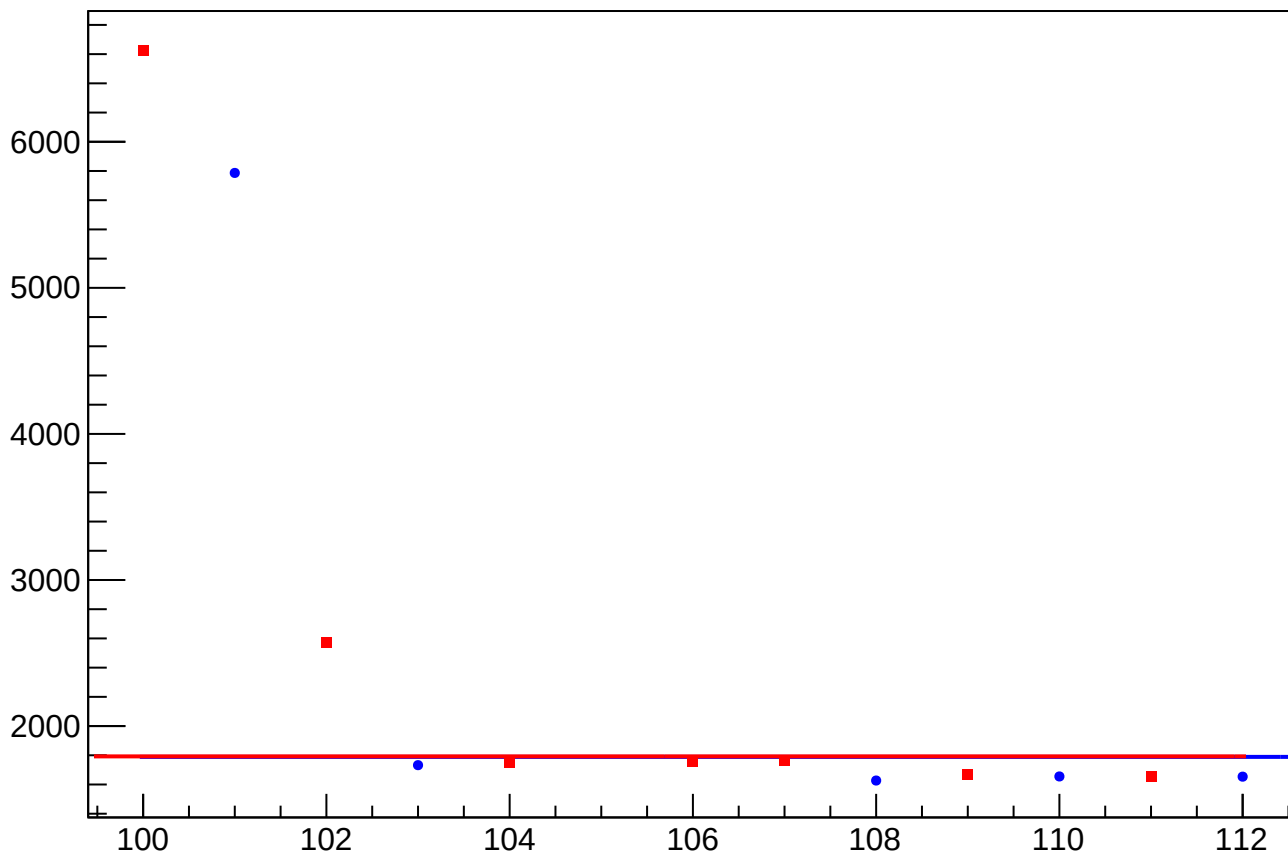
Right: 1757.700+/-835.856 χ^2/NDF : 9.0/11

In: 1214.185+/-1211.832 χ^2/NDF : 4.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1757.700+/-835.856 χ^2/NDF : 9.0/11

eigen_dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1789.030+/-0.857 χ^2/NDF : 645924.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1792.468+/-0.810 χ^2/NDF : 171996.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

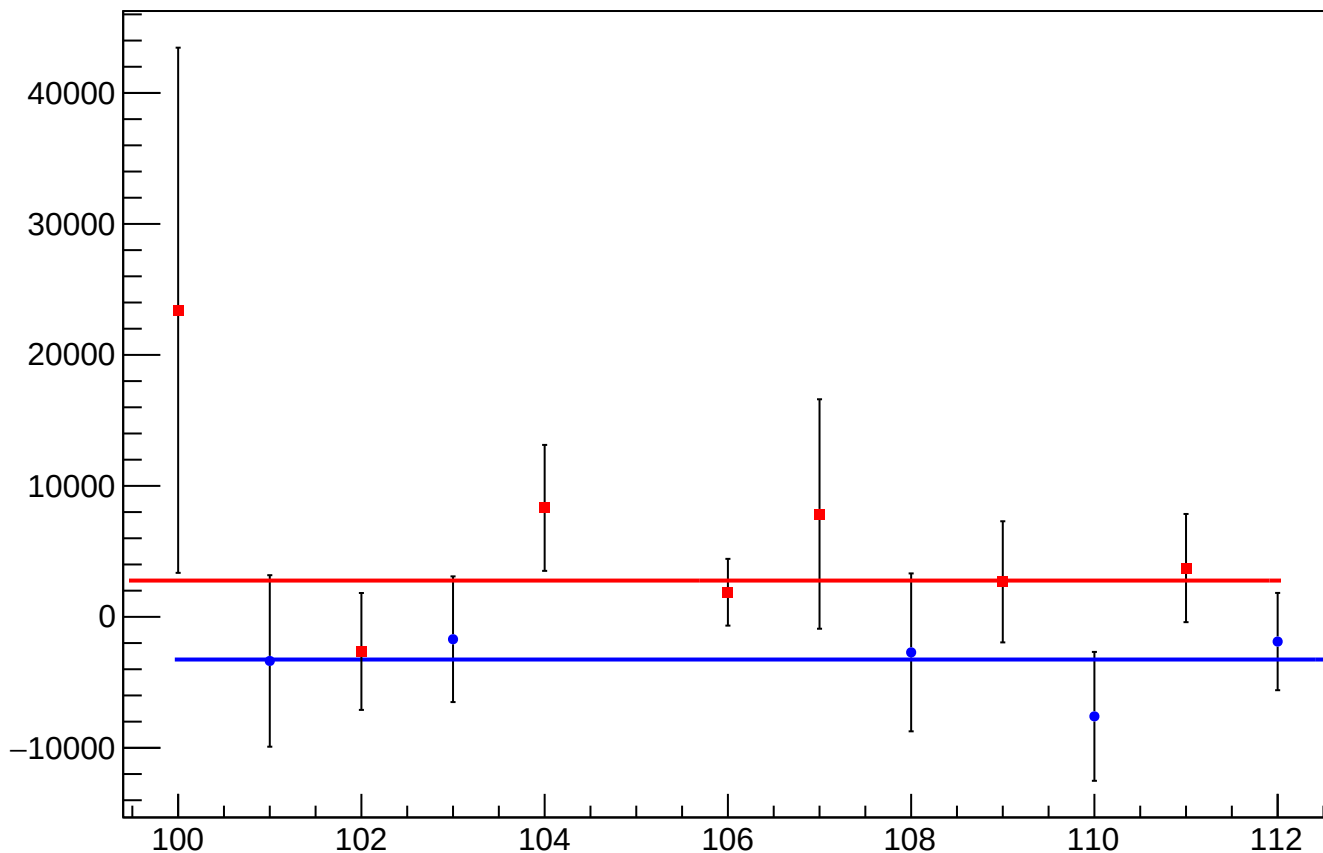
Right: 1790.846+/-0.589 χ^2/NDF : 817929.9/11

In: 1789.030+/-0.857 χ^2/NDF : 645924.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1790.846+/-0.589 χ^2/NDF : 817929.9/11

asym_atr1l2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -3257.247+/-2192.157 χ^2/NDF : 1.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2771.611+/-1647.605 χ^2/NDF : 4.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

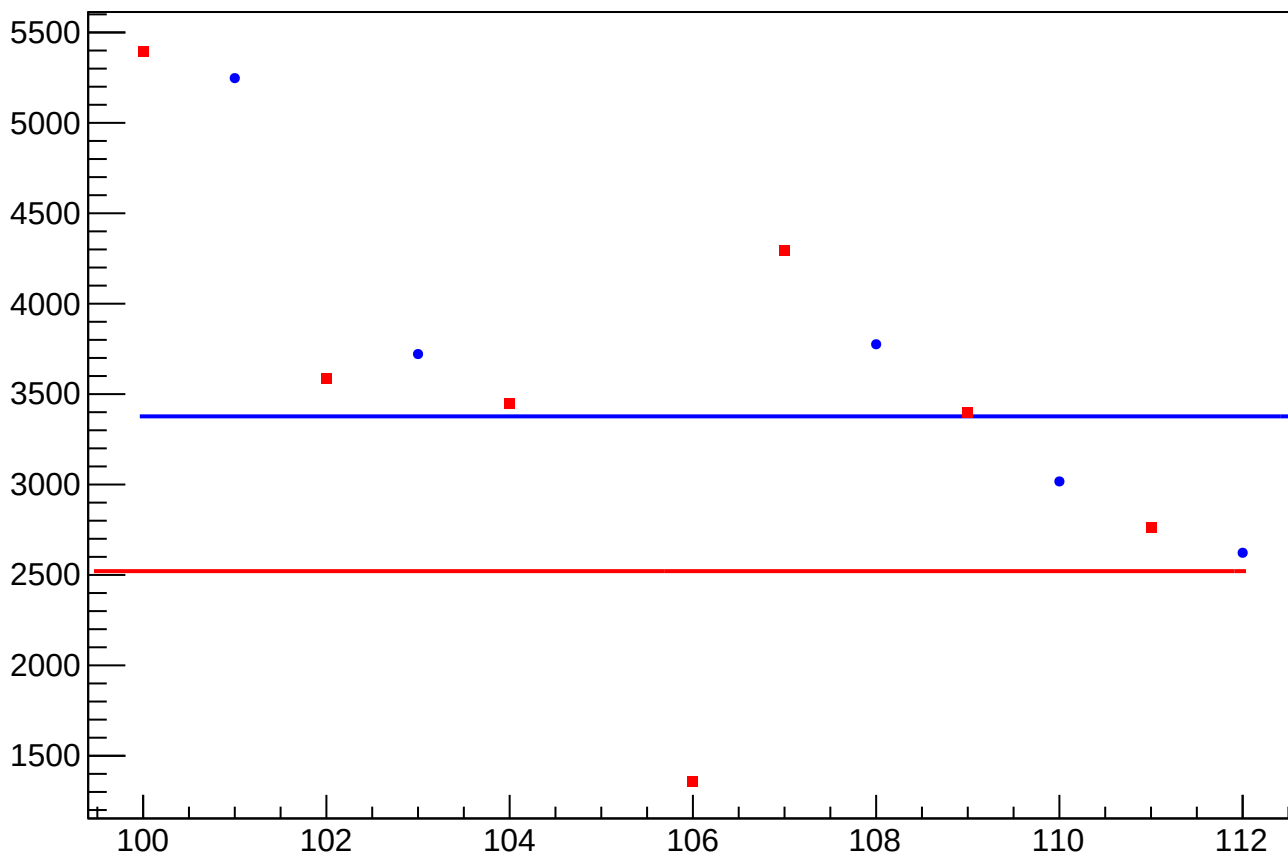
Right: 595.332+/-1317.077 χ^2/NDF : 10.2/11

In: -3257.247+/-2192.157 χ^2/NDF : 1.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 595.332+/-1317.077 χ^2/NDF : 10.2/11

asym_atr1l2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3377.001+/-1.550 χ^2/NDF : 275472.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2521.100+/-1.165 χ^2/NDF : 807680.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

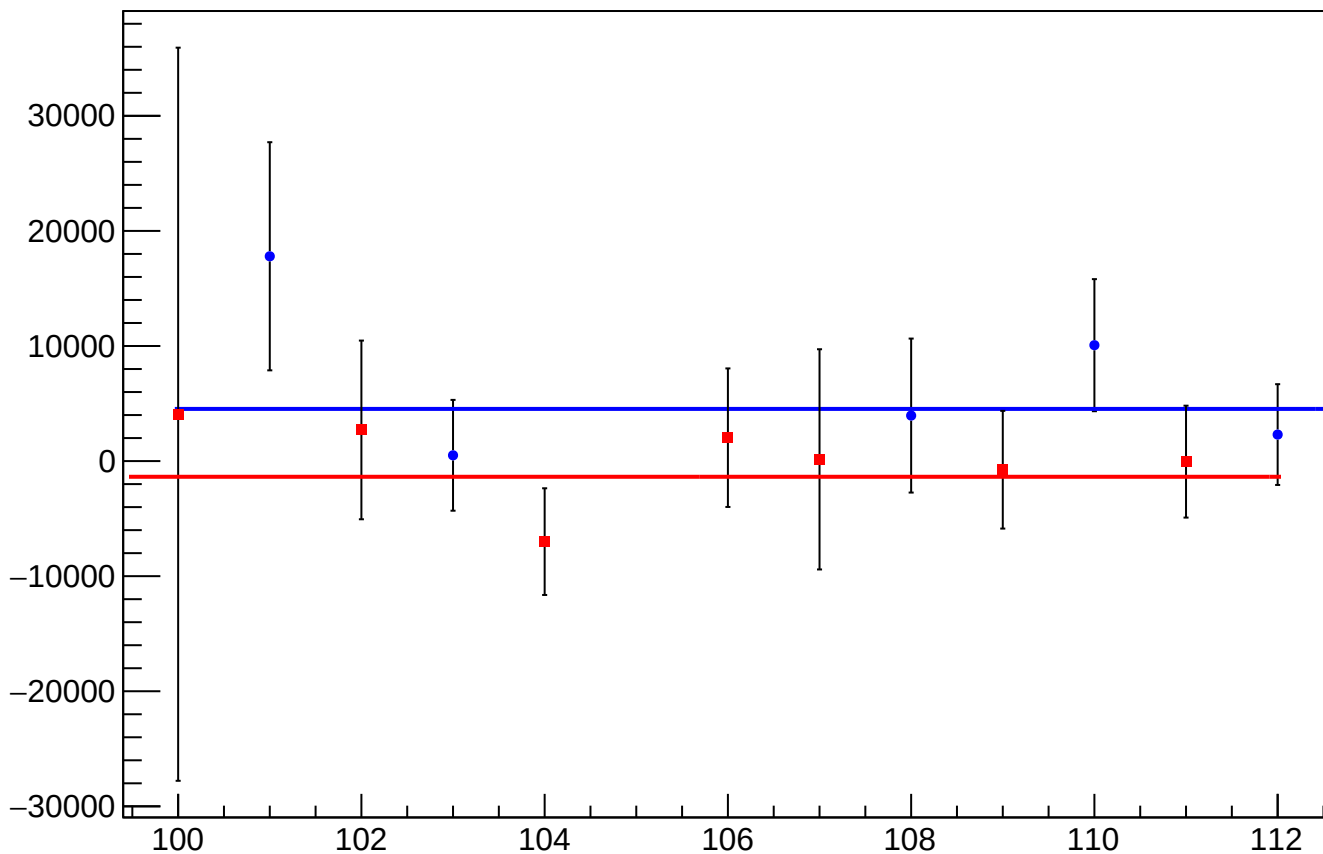
Right: 2830.061+/-0.931 χ^2/NDF : 1277980.5/11

In: 3377.001+/-1.550 χ^2/NDF : 275472.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2830.061+/-0.931 χ^2/NDF : 1277980.5/11

asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 4533.636+/-2514.270 χ^2/NDF : 3.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1363.746+/-2336.560 χ^2/NDF : 2.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

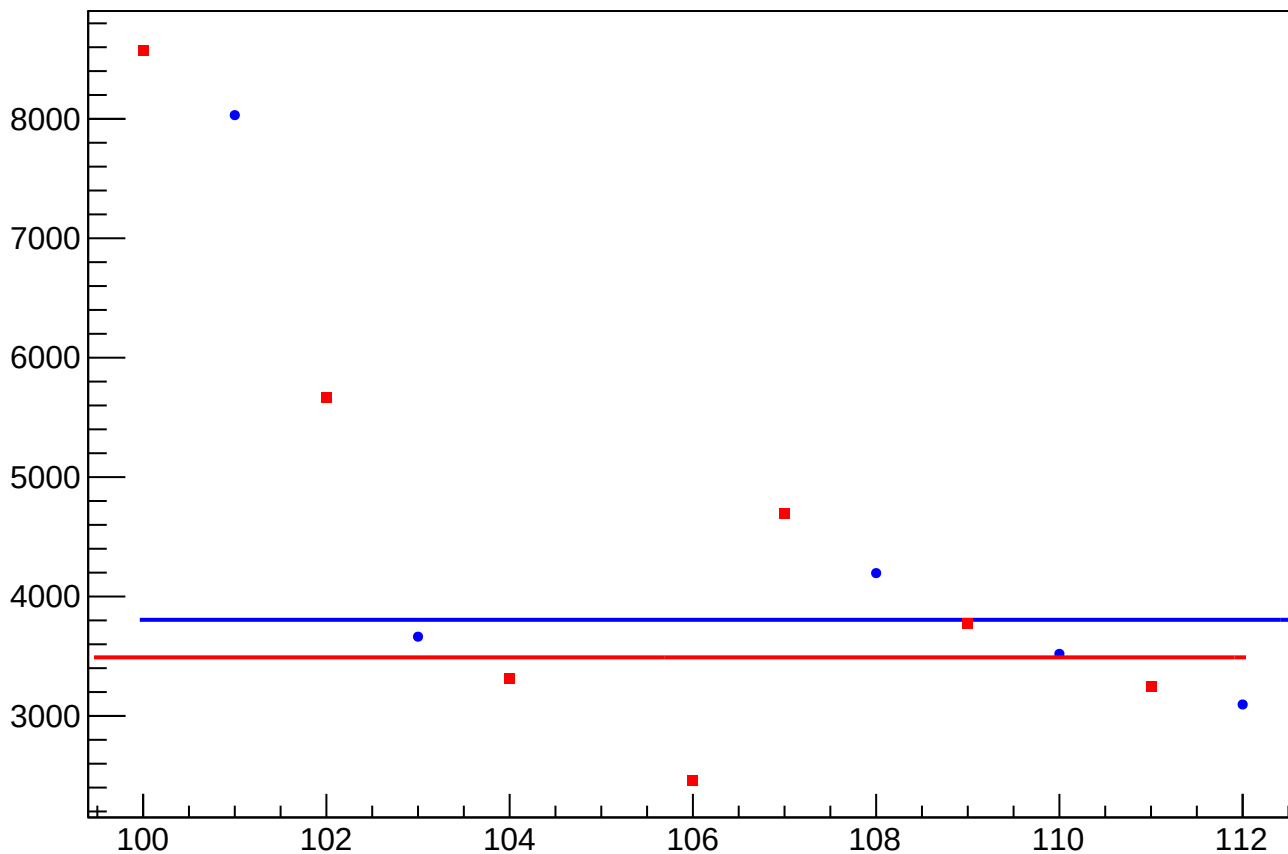
Right: 1369.185+/-1711.578 χ^2/NDF : 8.9/11

In: 4533.636+/-2514.270 χ^2/NDF : 3.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1369.185+/-1711.578 χ^2/NDF : 8.9/11

asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 3805.020+/-1.778 χ^2/NDF : 429546.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3490.476+/-1.579 χ^2/NDF : 348742.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

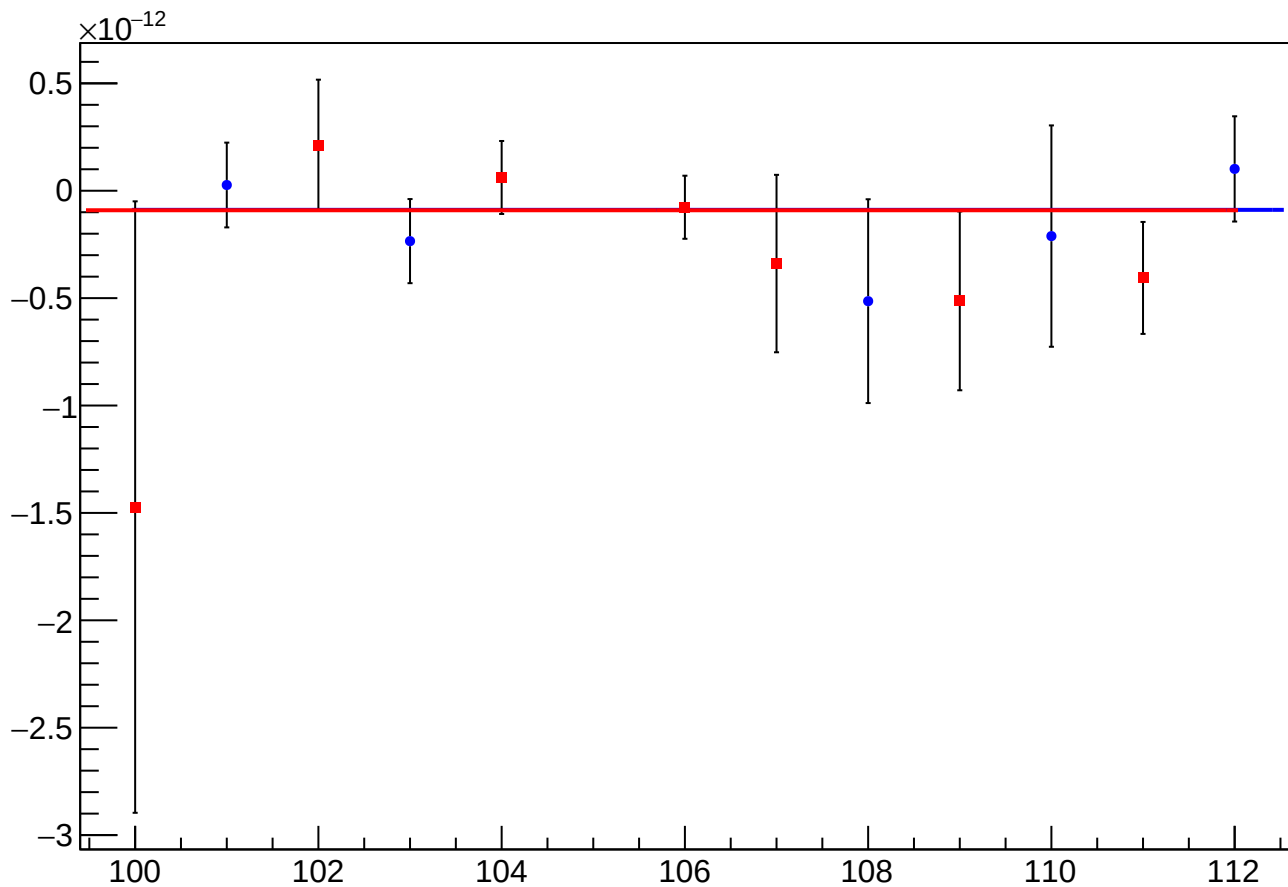
Right: 3629.136+/-1.180 χ^2/NDF : 795792.5/11

In: 3805.020+/-1.778 χ^2/NDF : 429546.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3629.136+/-1.180 χ^2/NDF : 795792.5/11

asym_atr1l2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

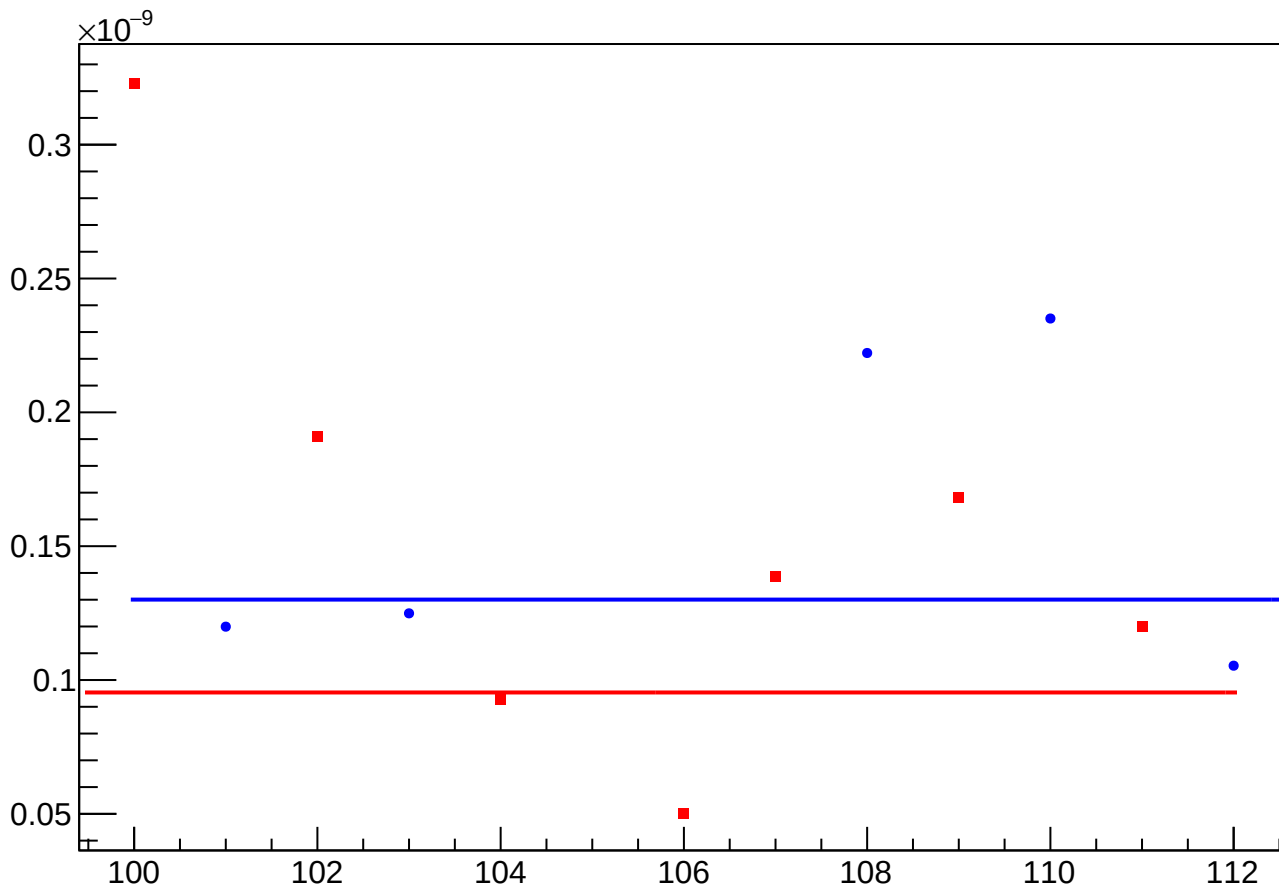
Right: -0.000+/-0.000 χ^2/NDF : 8.0/11

In: -0.000+/-0.000 χ^2/NDF : 2.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.0/11

asym_atr1l2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 185419.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 539886.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

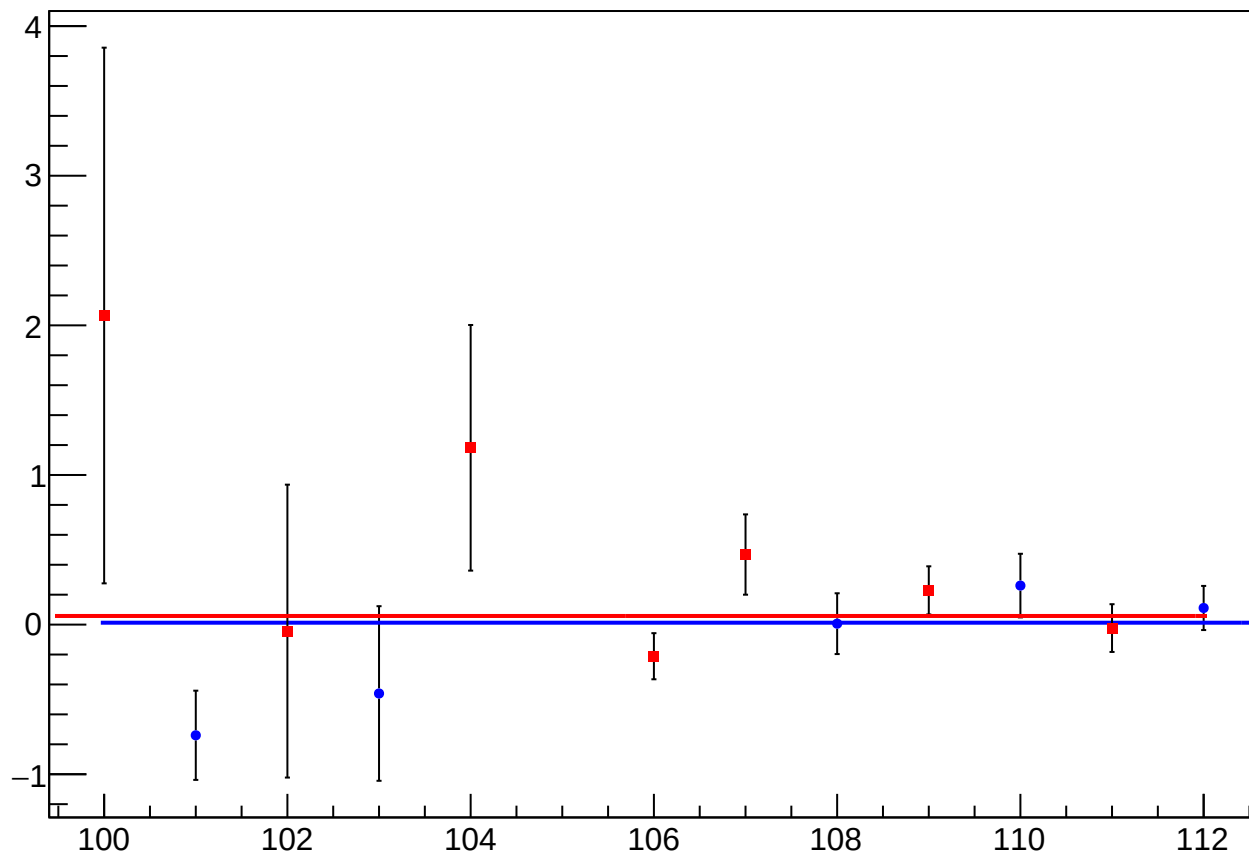
Right: 0.000+/-0.000 χ^2/NDF : 837390.8/11

In: 0.000+/-0.000 χ^2/NDF : 185419.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 837390.8/11

asym_atr1l2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.097 χ^2/NDF : 8.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.058+/-0.086 χ^2/NDF : 9.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

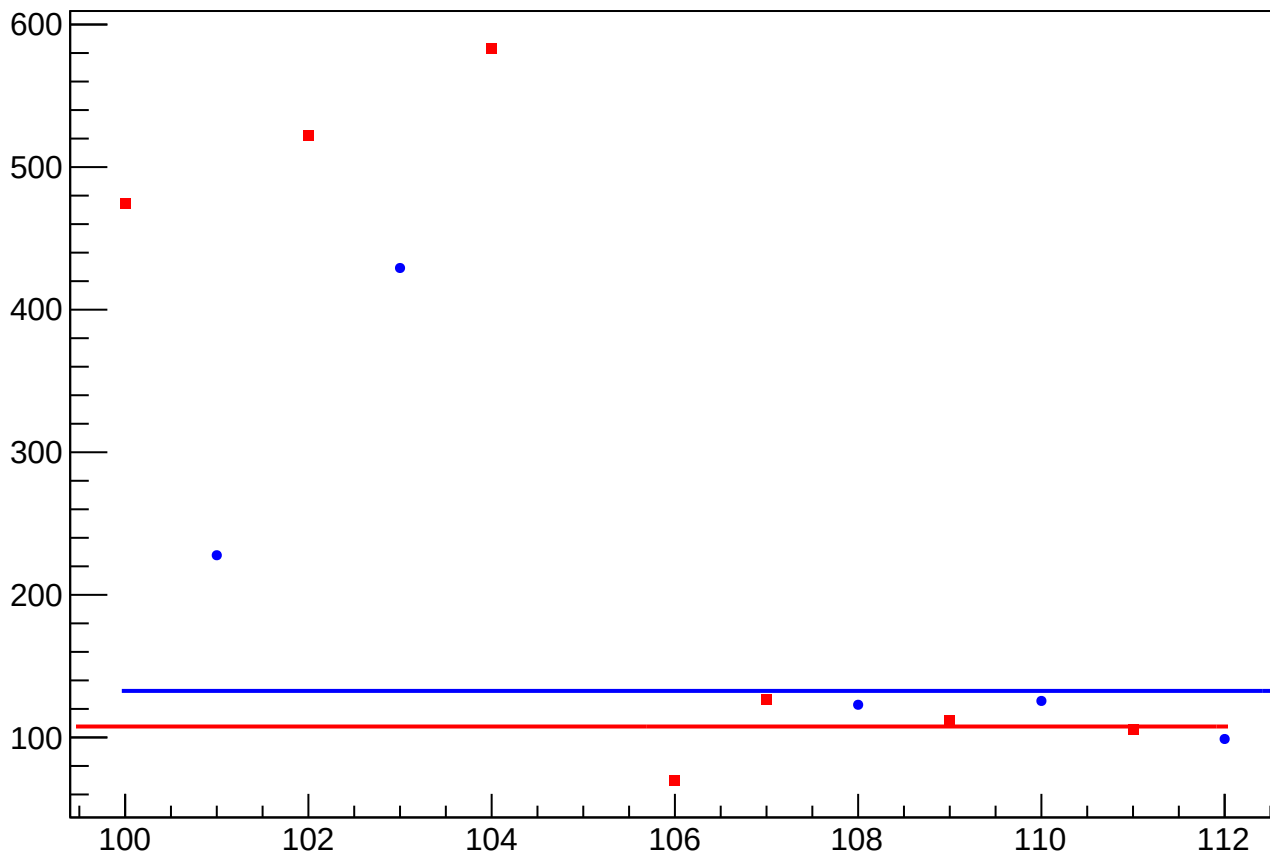
Right: 0.038+/-0.064 χ^2/NDF : 18.9/11

In: 0.013+/-0.097 χ^2/NDF : 8.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.038+/-0.064 χ^2/NDF : 18.9/11

asym_atr1l2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.633+/-0.069 χ^2/NDF : 831790.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.663+/-0.060 χ^2/NDF : 1247213.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

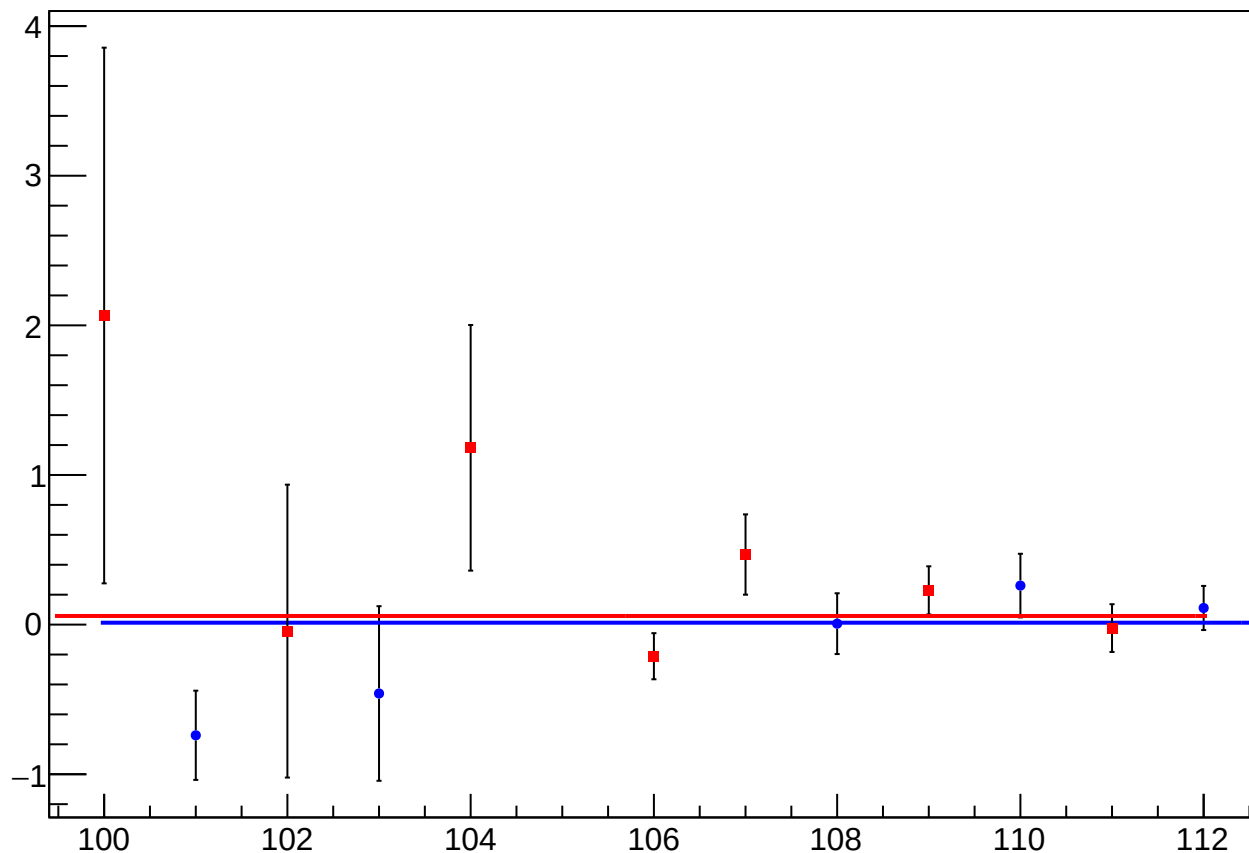
Right: 118.595+/-0.045 χ^2/NDF : 2153686.5/11

In: 132.633+/-0.069 χ^2/NDF : 831790.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.595+/-0.045 χ^2/NDF : 2153686.5/11

asym_atr1l2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.097 χ^2/NDF : 8.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.058+/-0.086 χ^2/NDF : 9.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

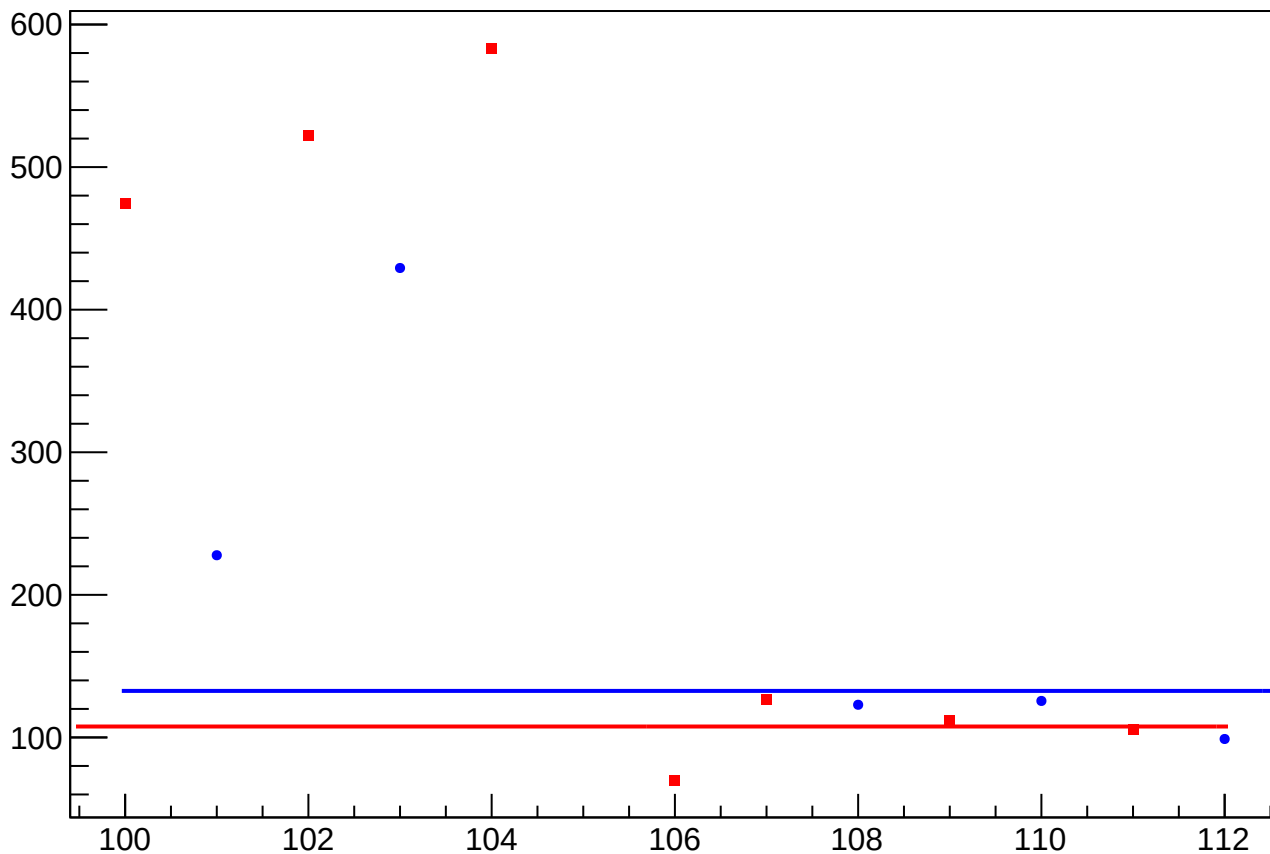
Right: 0.038+/-0.064 χ^2/NDF : 18.9/11

In: 0.013+/-0.097 χ^2/NDF : 8.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.038+/-0.064 χ^2/NDF : 18.9/11

asym_atr1l2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.633+/-0.069 χ^2/NDF : 831790.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.663+/-0.060 χ^2/NDF : 1247213.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

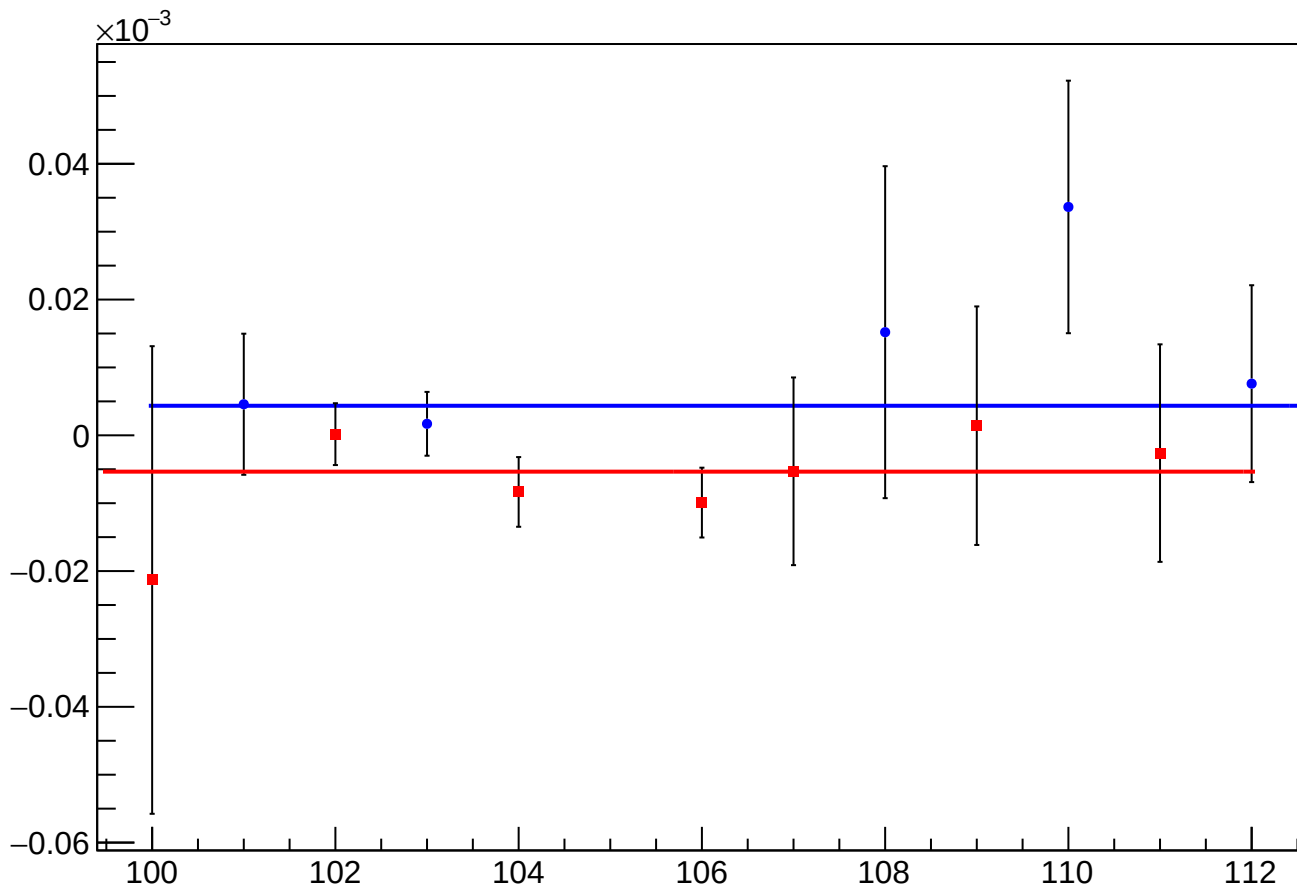
Right: 118.595+/-0.045 χ^2/NDF : 2153686.5/11

In: 132.633+/-0.069 χ^2/NDF : 831790.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.595+/-0.045 χ^2/NDF : 2153686.5/11

asym_atr1l2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

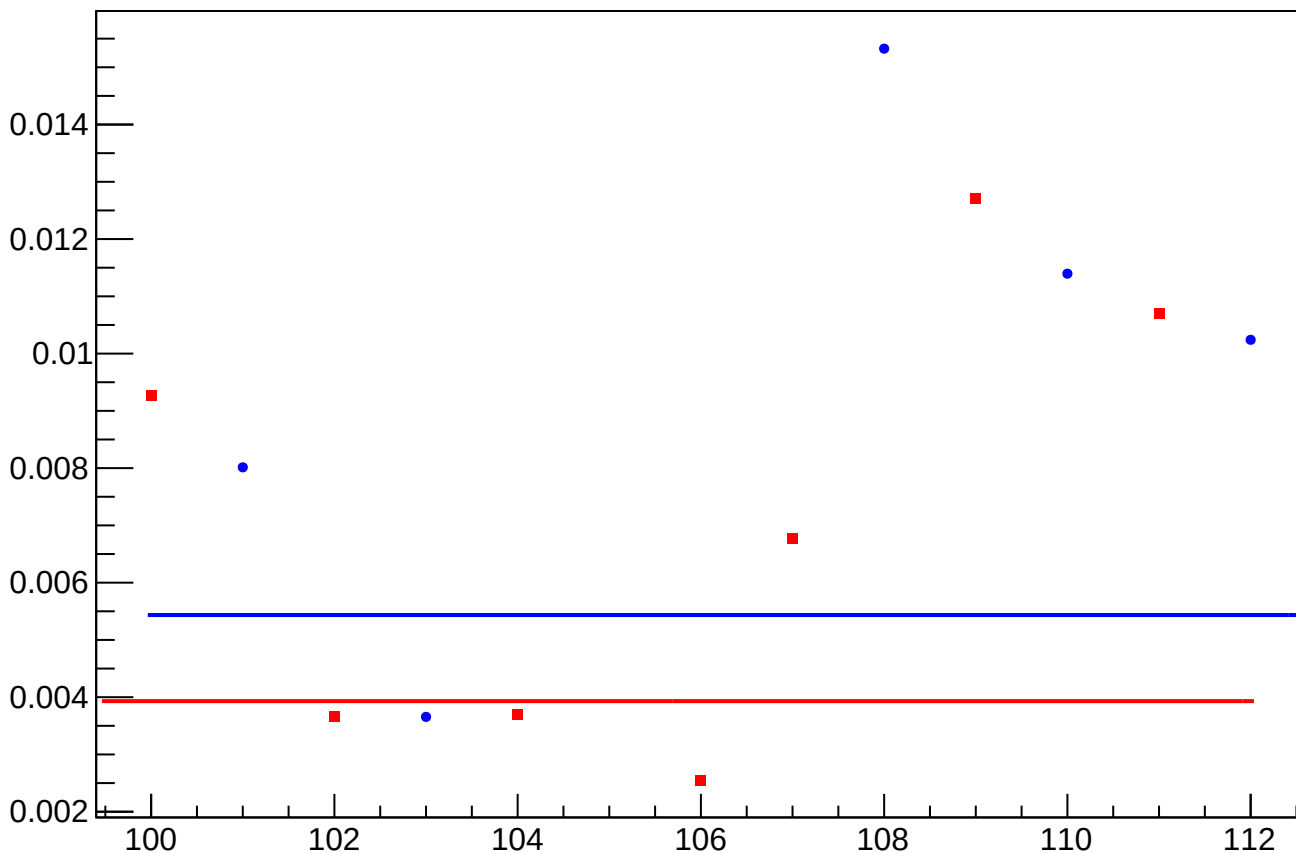
Right: -0.000+/-0.000 χ^2/NDF : 10.1/11

In: 0.000+/-0.000 χ^2/NDF : 3.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.1/11

asym_atr1l2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1161694.6/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 1145771.8/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

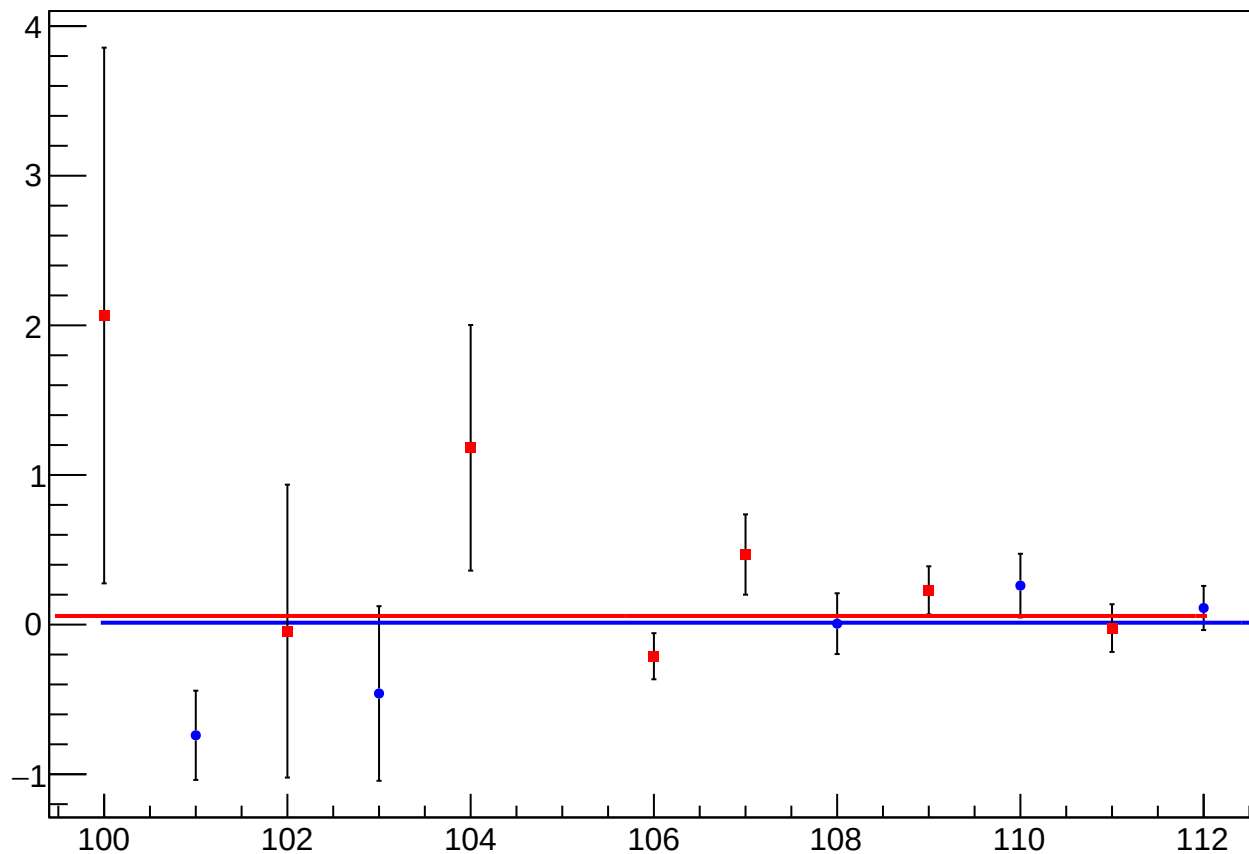
Right: 0.004+/-0.000 χ^2/NDF : 2504442.4/11

In: 0.005+/-0.000 χ^2/NDF :1161694.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 2504442.4/11

asym_atr1l2_avg_eigen_dit_vs_slug, Sign Corrected



Right In: 0.013+/-0.097 χ^2/NDF : 8.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.058+/-0.086 χ^2/NDF : 9.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

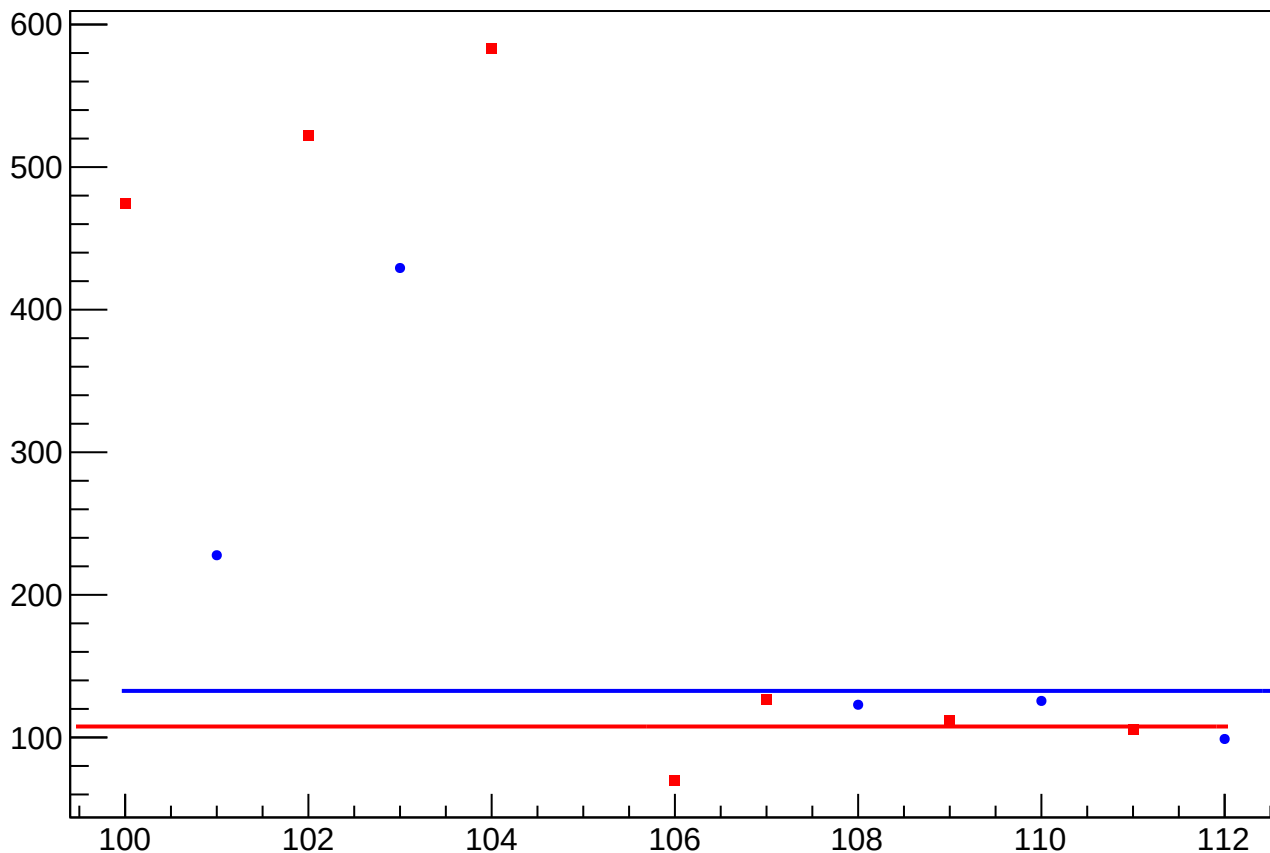
Right: 0.038+/-0.064 χ^2/NDF : 18.9/11

In: 0.013+/-0.097 χ^2/NDF : 8.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.038+/-0.064 χ^2/NDF : 18.9/11

asym_atr1l2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.640 $\pm$ 0.069 χ^2 /NDF: 831736.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 107.665 $\pm$ 0.060 χ^2 /NDF: 1247201.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

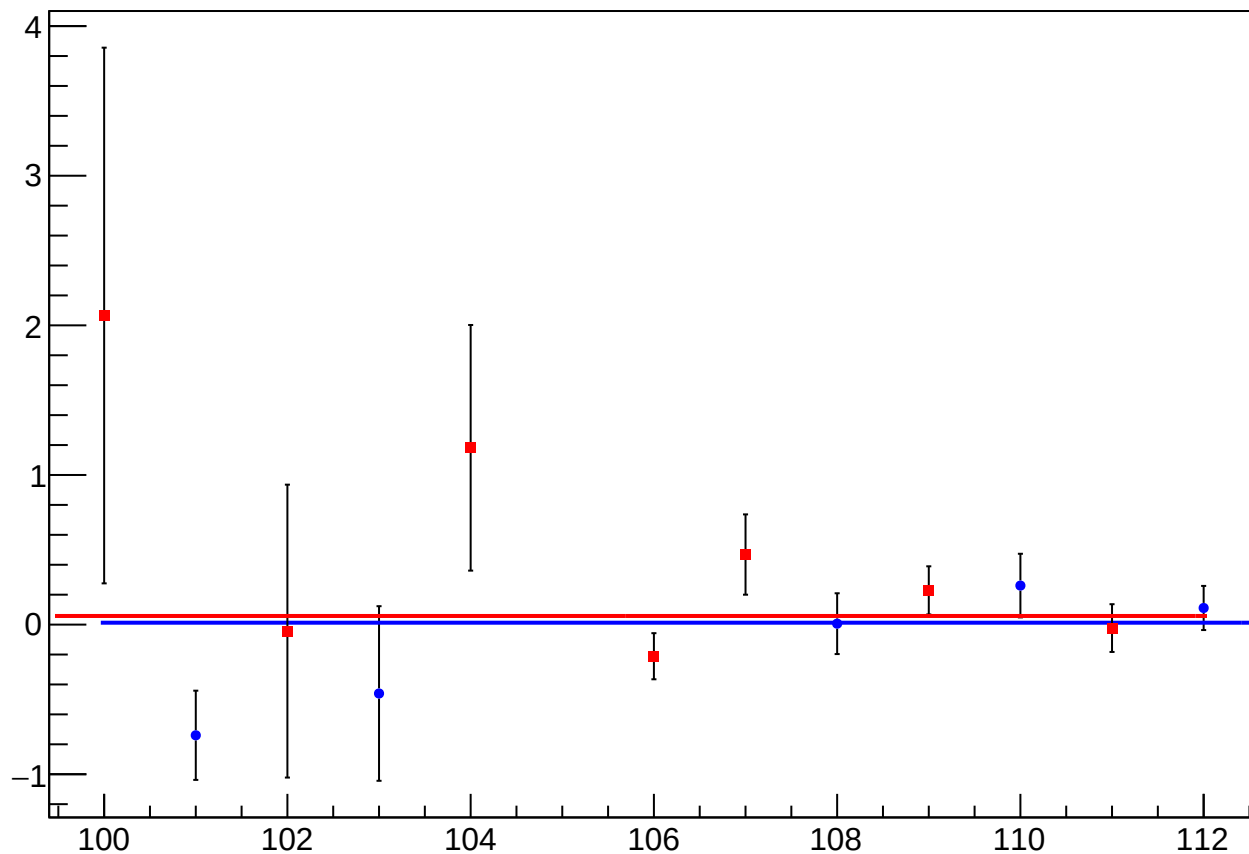
Right: 118.599 $\pm$ 0.045 χ^2 /NDF: 2153639.4/11

In: 132.640 $\pm$ 0.069 χ^2 /NDF:831736.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 118.599 $\pm$ 0.045 χ^2 /NDF: 2153639.4/11

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.097 χ^2/NDF : 8.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.058+/-0.086 χ^2/NDF : 9.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

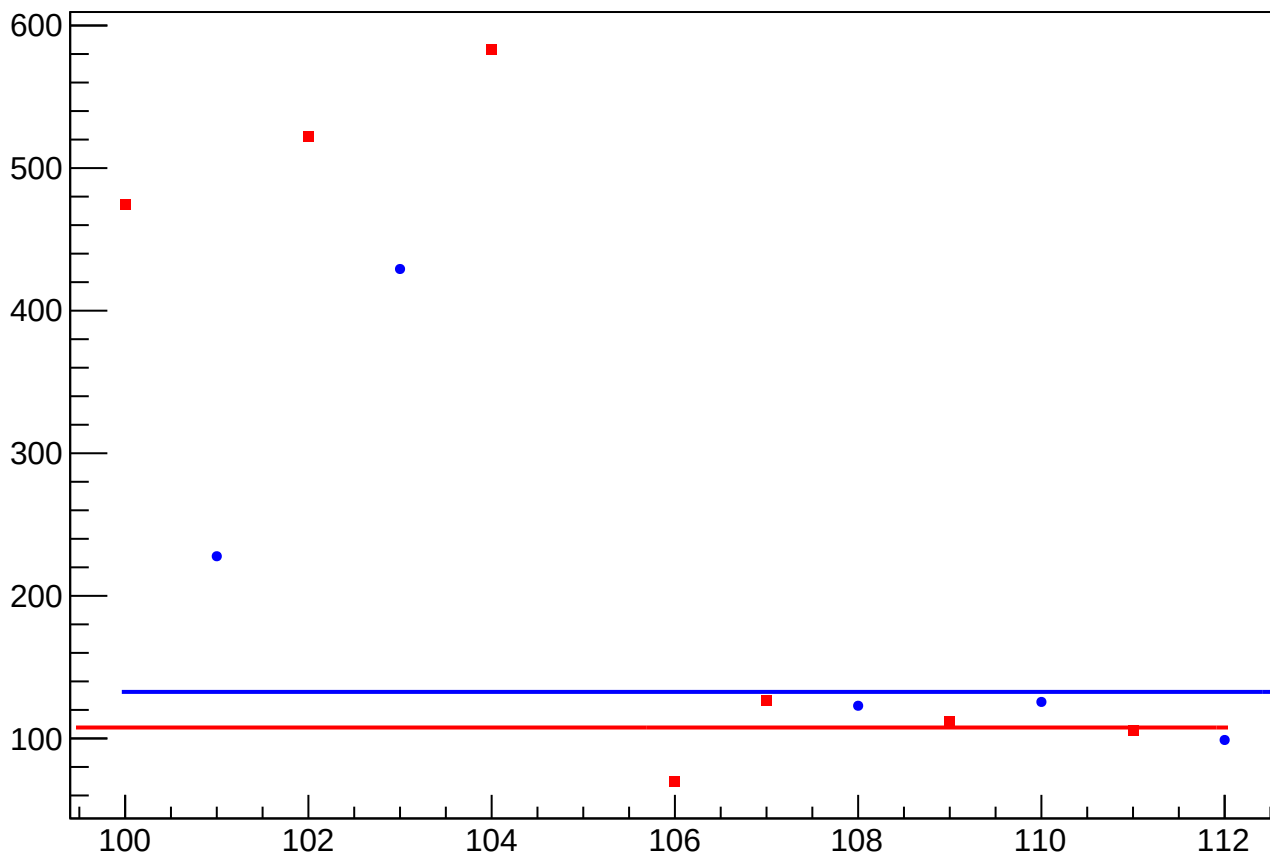
Right: 0.038+/-0.064 χ^2/NDF : 18.9/11

In: 0.013+/-0.097 χ^2/NDF : 8.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.038+/-0.064 χ^2/NDF : 18.9/11

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.640 $\pm$ 0.069 χ^2 /NDF: 831736.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 107.665 $\pm$ 0.060 χ^2 /NDF: 1247201.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

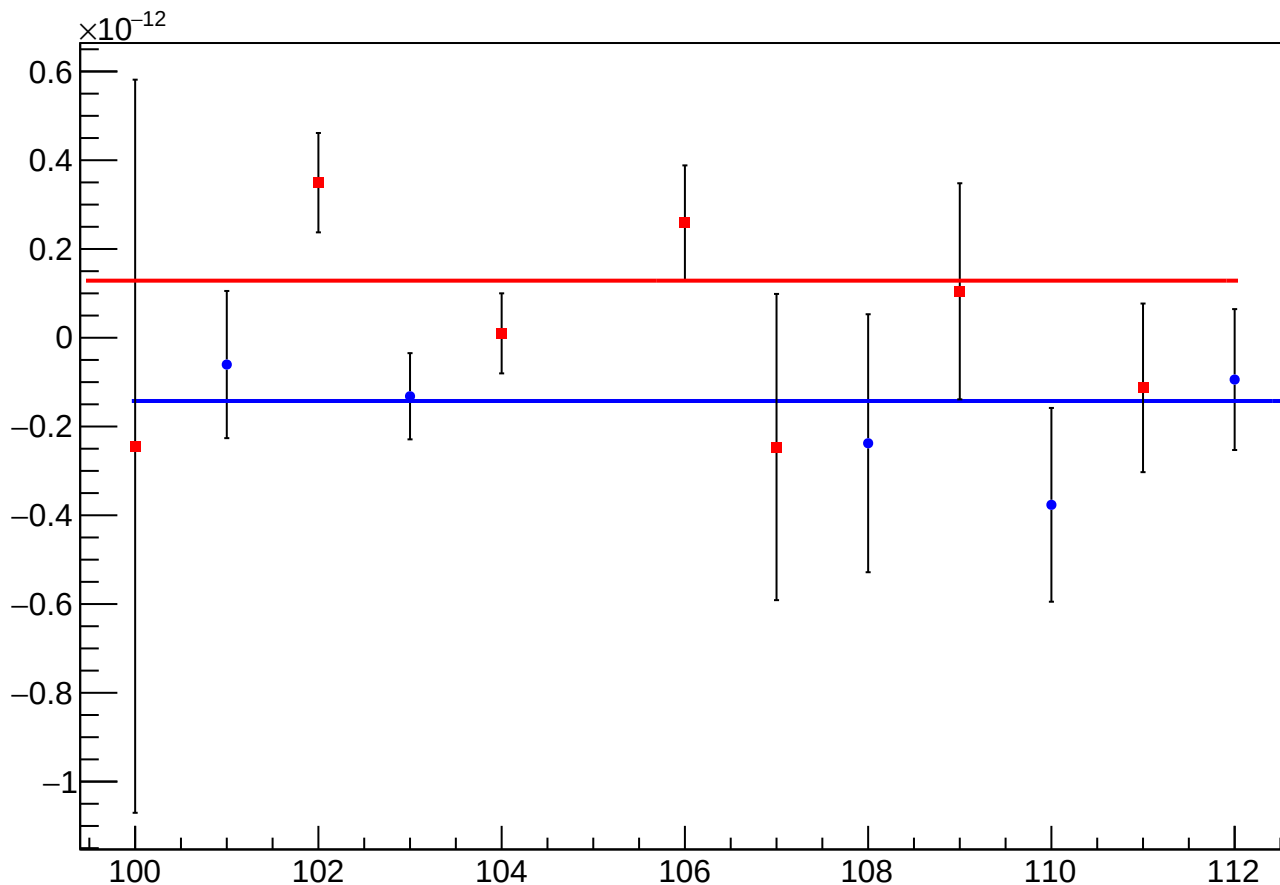
Right: 118.599 $\pm$ 0.045 χ^2 /NDF: 2153639.4/11

In: 132.640 $\pm$ 0.069 χ^2 /NDF:831736.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 118.599 $\pm$ 0.045 χ^2 /NDF: 2153639.4/11

asym_atr1l2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

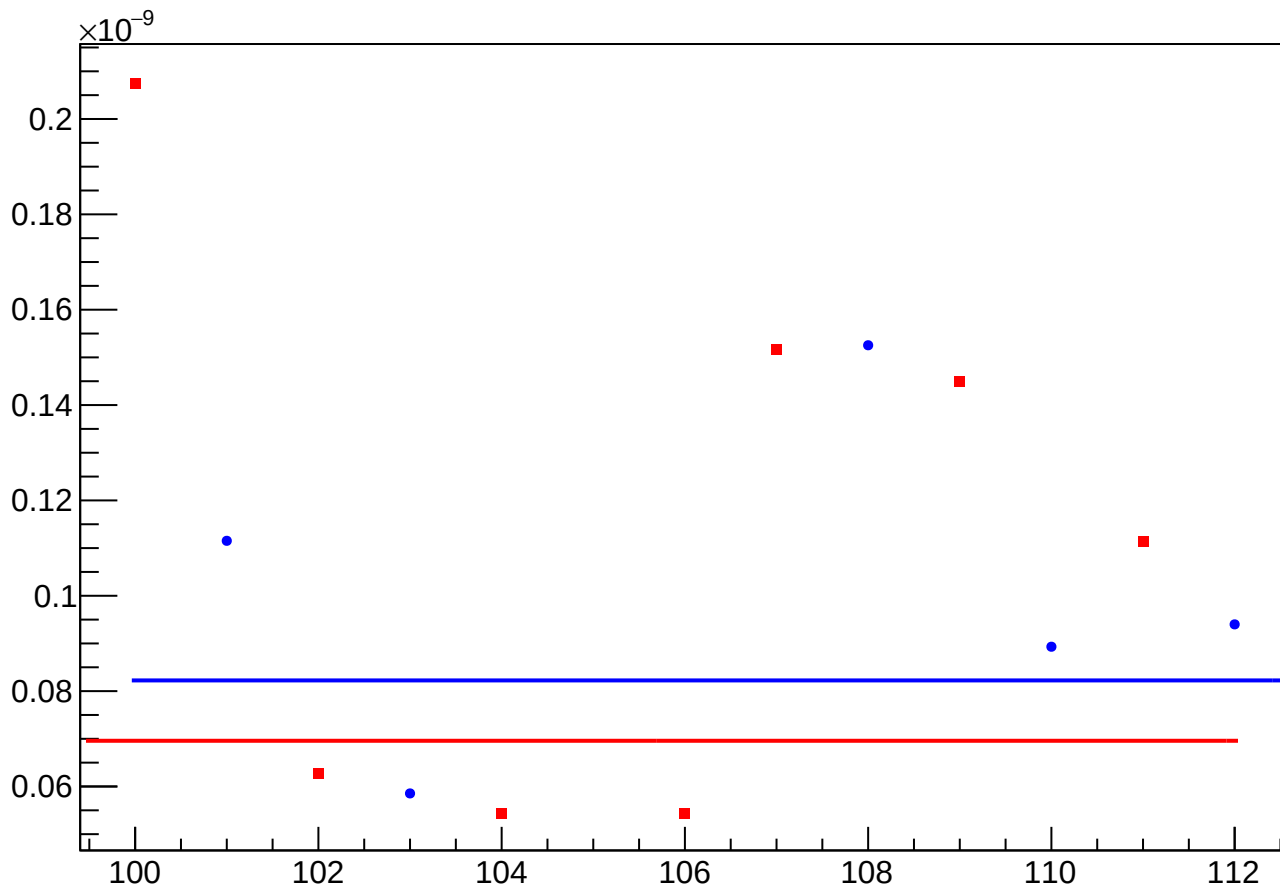
Right: 0.000+/-0.000 χ^2/NDF : 20.7/11

In: -0.000+/-0.000 χ^2/NDF : 1.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.7/11

asym_atr1l2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 311546.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 549474.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

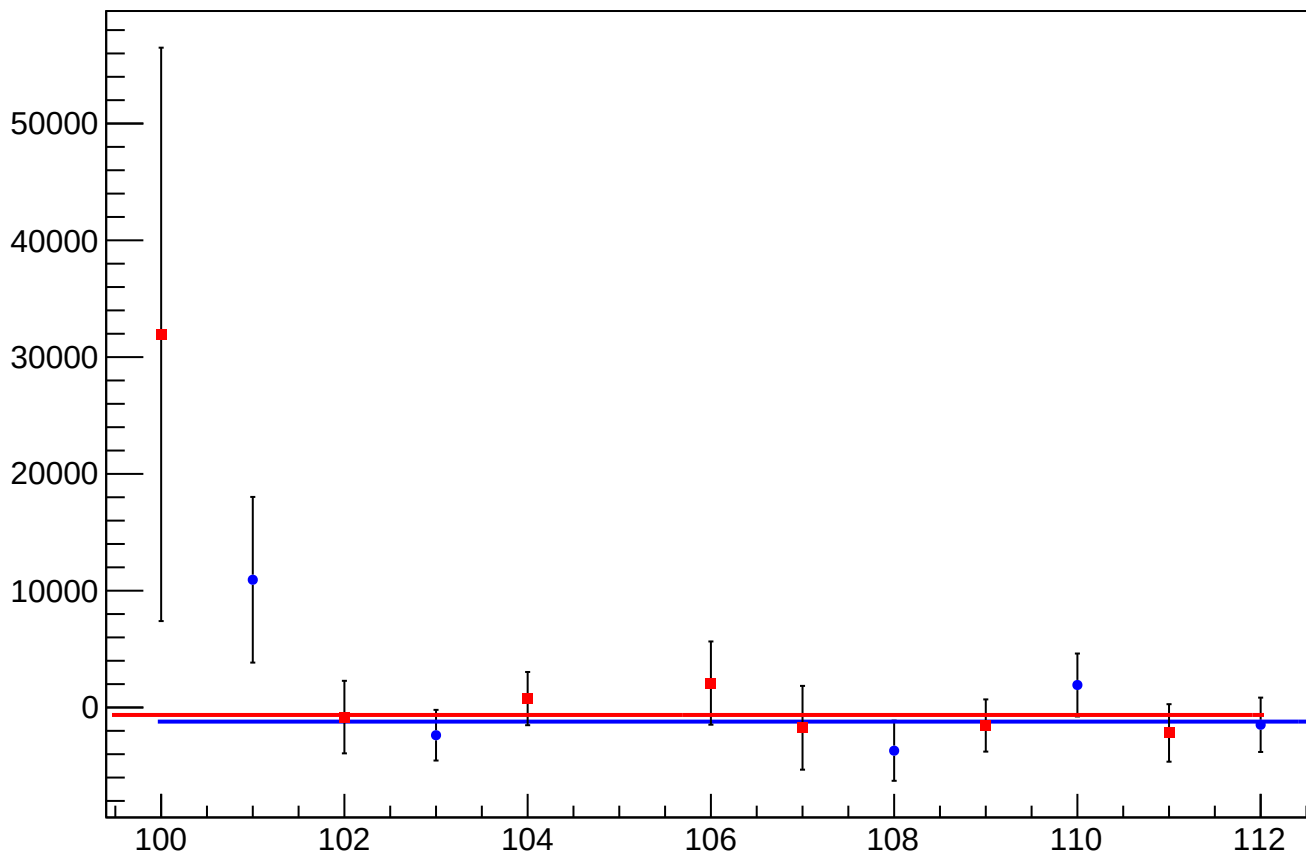
Right: 0.000+/-0.000 χ^2/NDF : 902062.9/11

In: 0.000+/-0.000 χ^2/NDF : 311546.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 902062.9/11

reg_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -1208.828+/-1190.409 χ^2/NDF : 5.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -639.896+/-1104.784 χ^2/NDF : 3.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

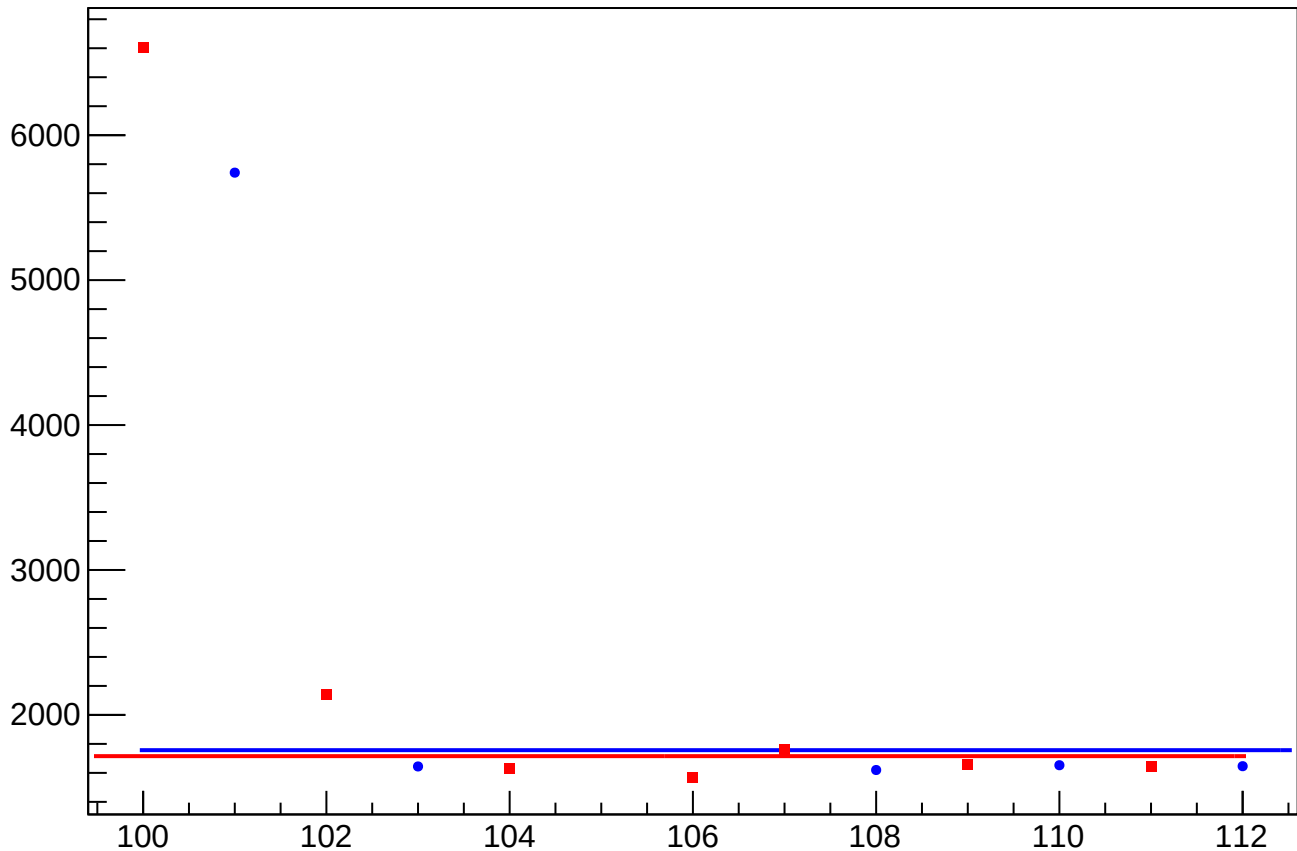
Right: -903.167+/-809.781 χ^2/NDF : 9.0/11

In: -1208.828+/-1190.409 χ^2/NDF : 5.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -903.167+/-809.781 χ^2/NDF : 9.0/11

reg_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1756.693+/-0.842 χ^2/NDF : 649768.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1715.487+/-0.765 χ^2/NDF : 128282.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

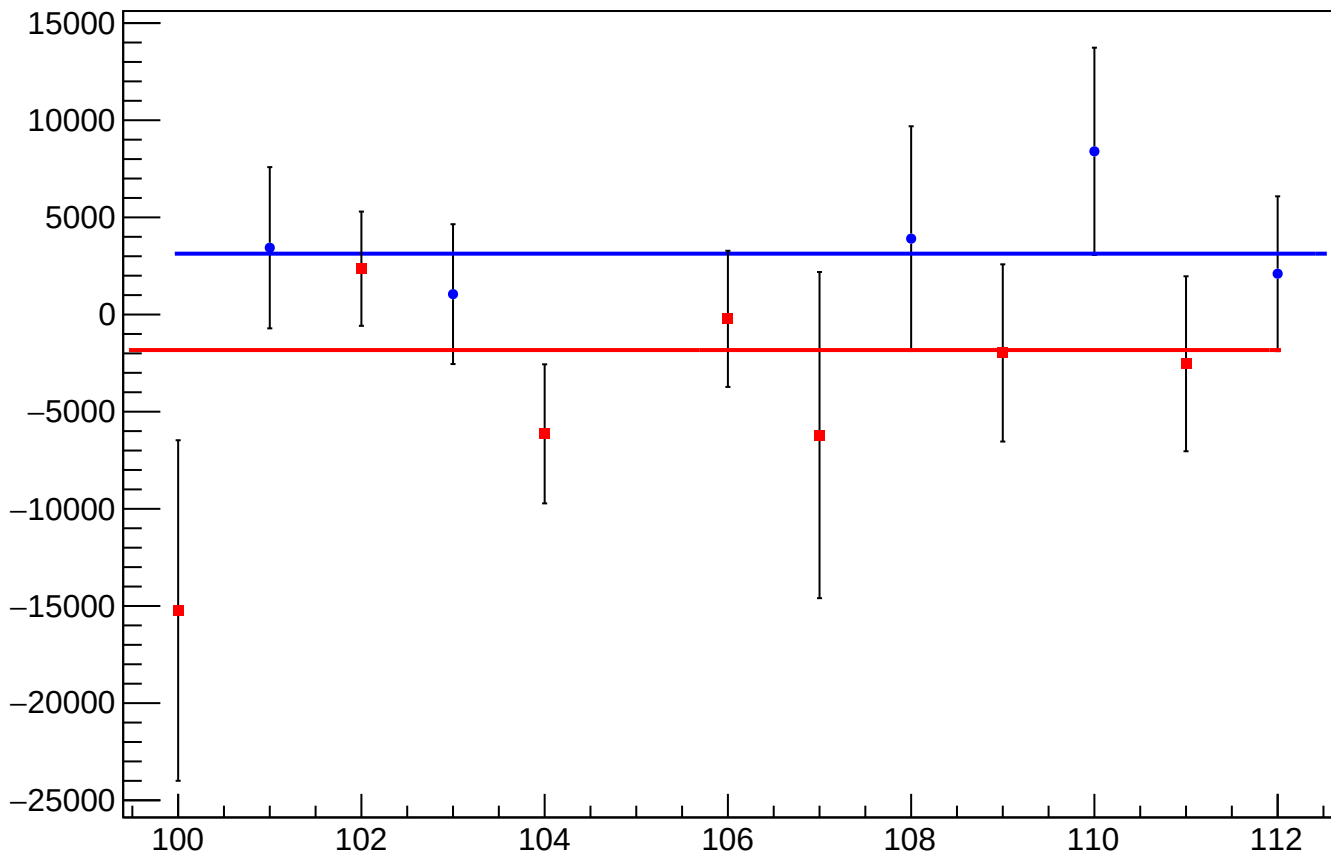
Right: 1734.133+/-0.566 χ^2/NDF : 779362.5/11

In: 1756.693+/-0.842 χ^2/NDF : 649768.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1734.133+/-0.566 χ^2/NDF : 779362.5/11

asym_atr1l2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 3132.766+/-1948.712 χ^2/NDF : 1.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1828.207+/-1581.357 χ^2/NDF : 6.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

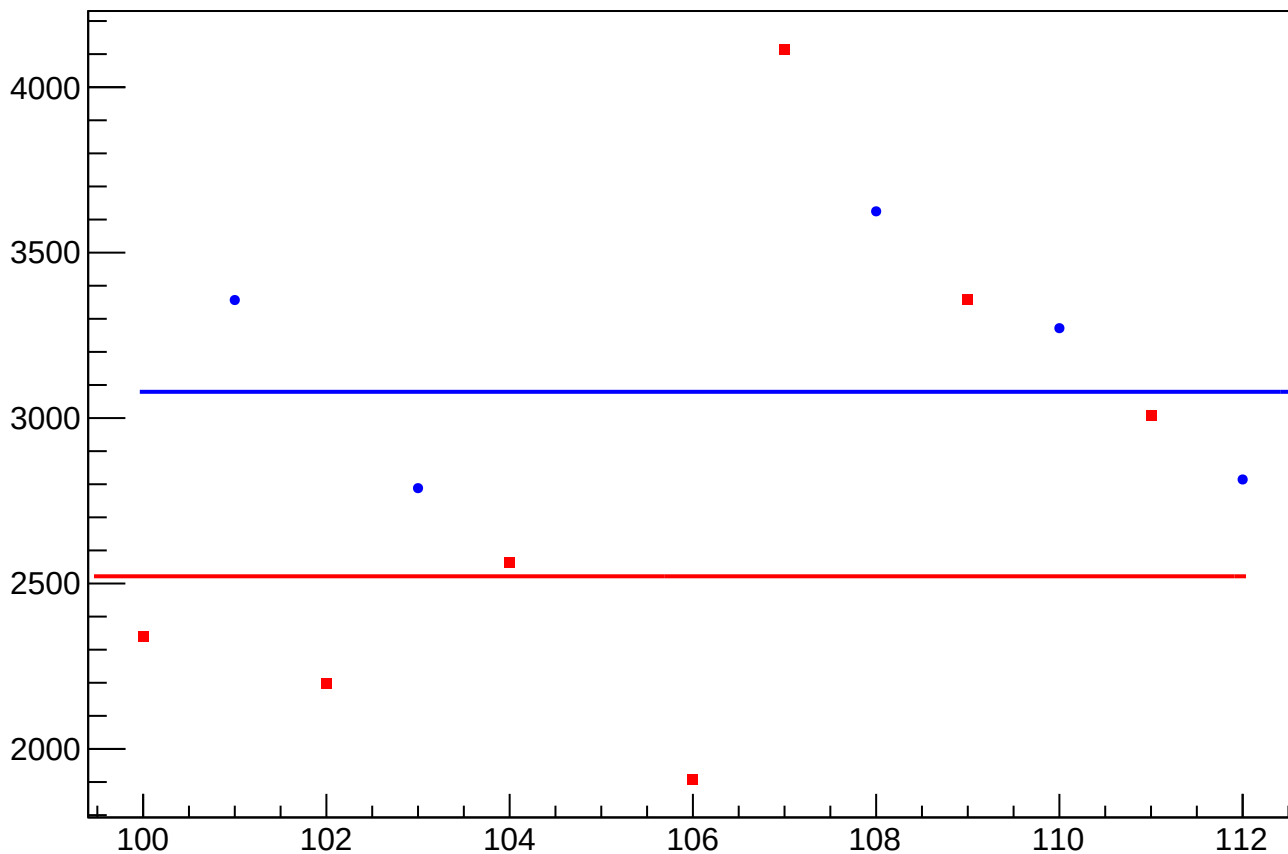
Right: 141.549+/-1227.921 χ^2/NDF : 11.6/11

In: 3132.766+/-1948.712 χ^2/NDF : 1.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.549+/-1227.921 χ^2/NDF : 11.6/11

asym_atr1l2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3079.368+/-1.378 χ^2/NDF : 51257.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2521.815+/-1.118 χ^2/NDF : 249865.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

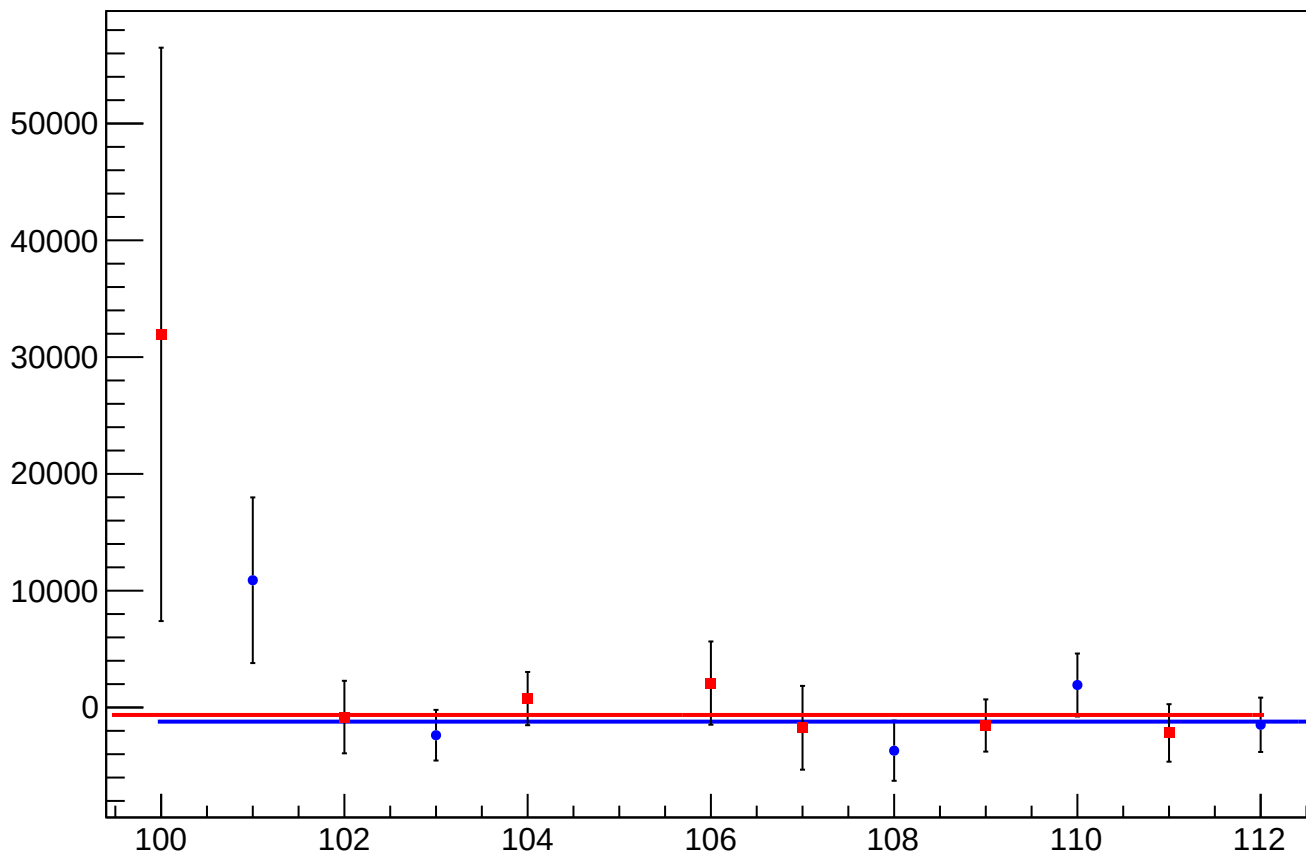
Right: 2743.192+/-0.868 χ^2/NDF : 399838.7/11

In: 3079.368+/-1.378 χ^2/NDF : 51257.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2743.192+/-0.868 χ^2/NDF : 399838.7/11

cor_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -1210.052+/-1190.410 χ^2 /NDF: 5.5/4

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -639.605+/-1104.784 χ^2 /NDF: 3.4/6

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

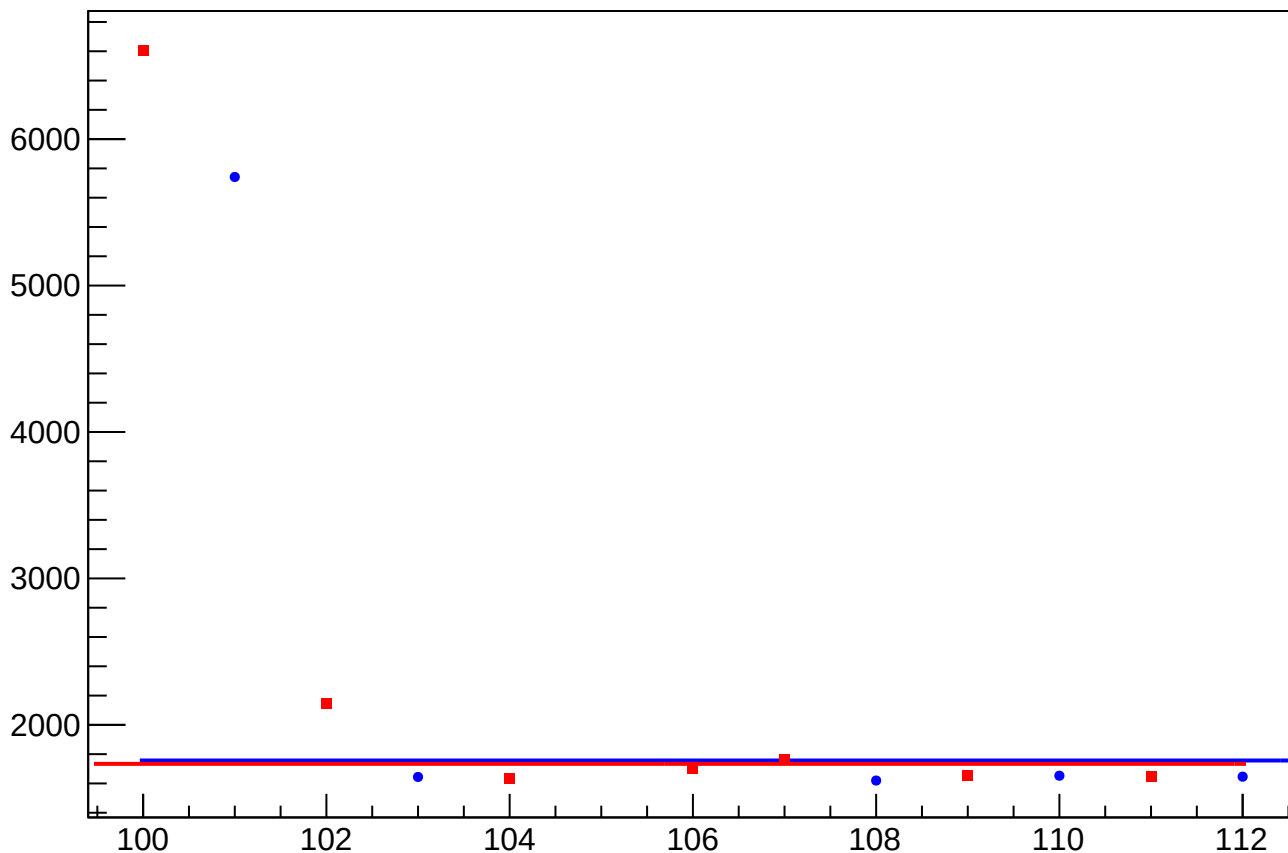
Right: -903.577+/-809.781 χ^2 /NDF: 9.0/11

In: -1210.052+/-1190.410 χ^2 /NDF: 5.5/4

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -903.577+/-809.781 χ^2 /NDF: 9.0/11

cor_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1756.692+/-0.842 χ^2/NDF : 649768.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1733.791+/-0.773 χ^2/NDF : 122845.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

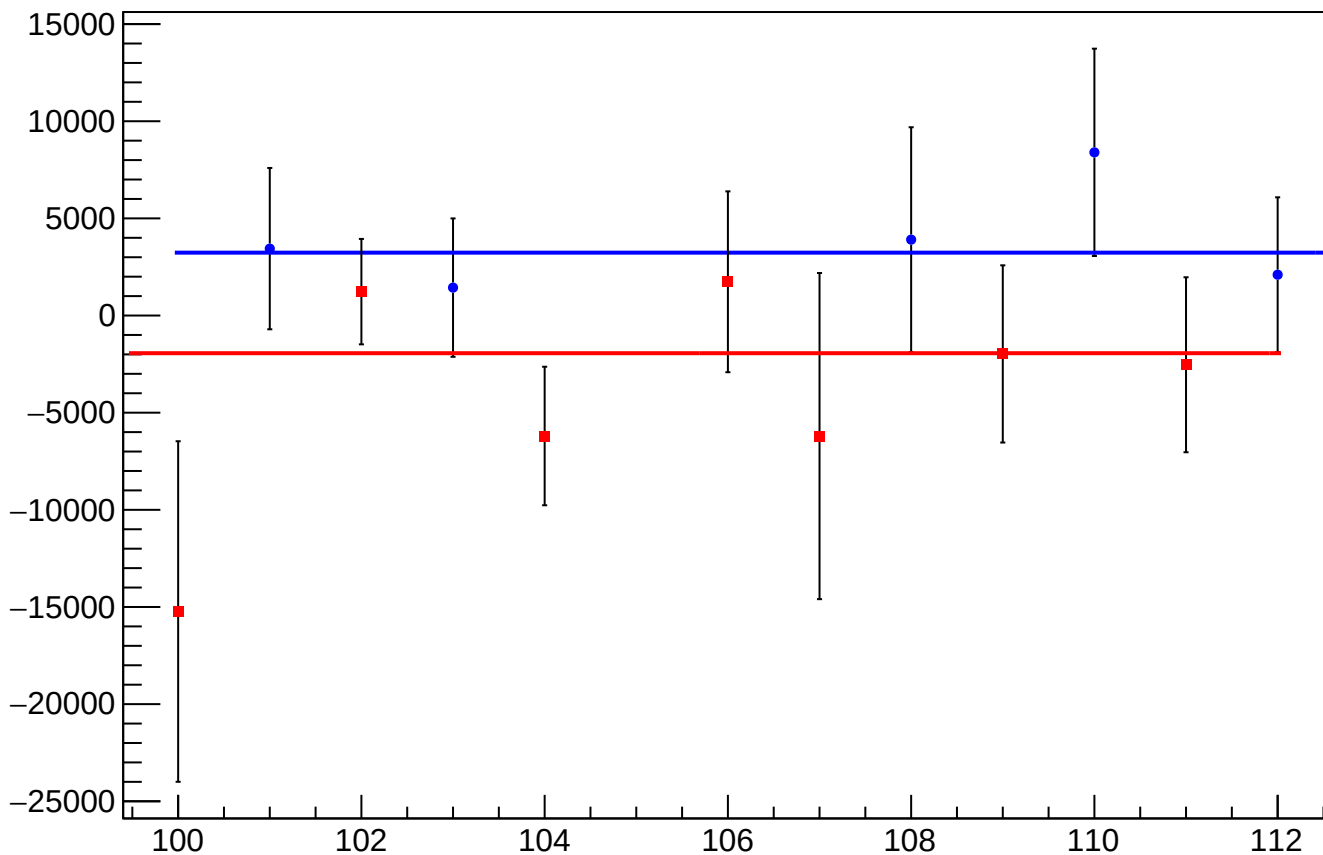
Right: 1744.268+/-0.569 χ^2/NDF : 773015.1/11

In: 1756.692+/-0.842 χ^2/NDF : 649768.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1744.268+/-0.569 χ^2/NDF : 773015.1/11

asym_atr1l2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 3236.094+/-1942.991 χ^2/NDF : 1.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1938.482+/-1610.922 χ^2/NDF : 6.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

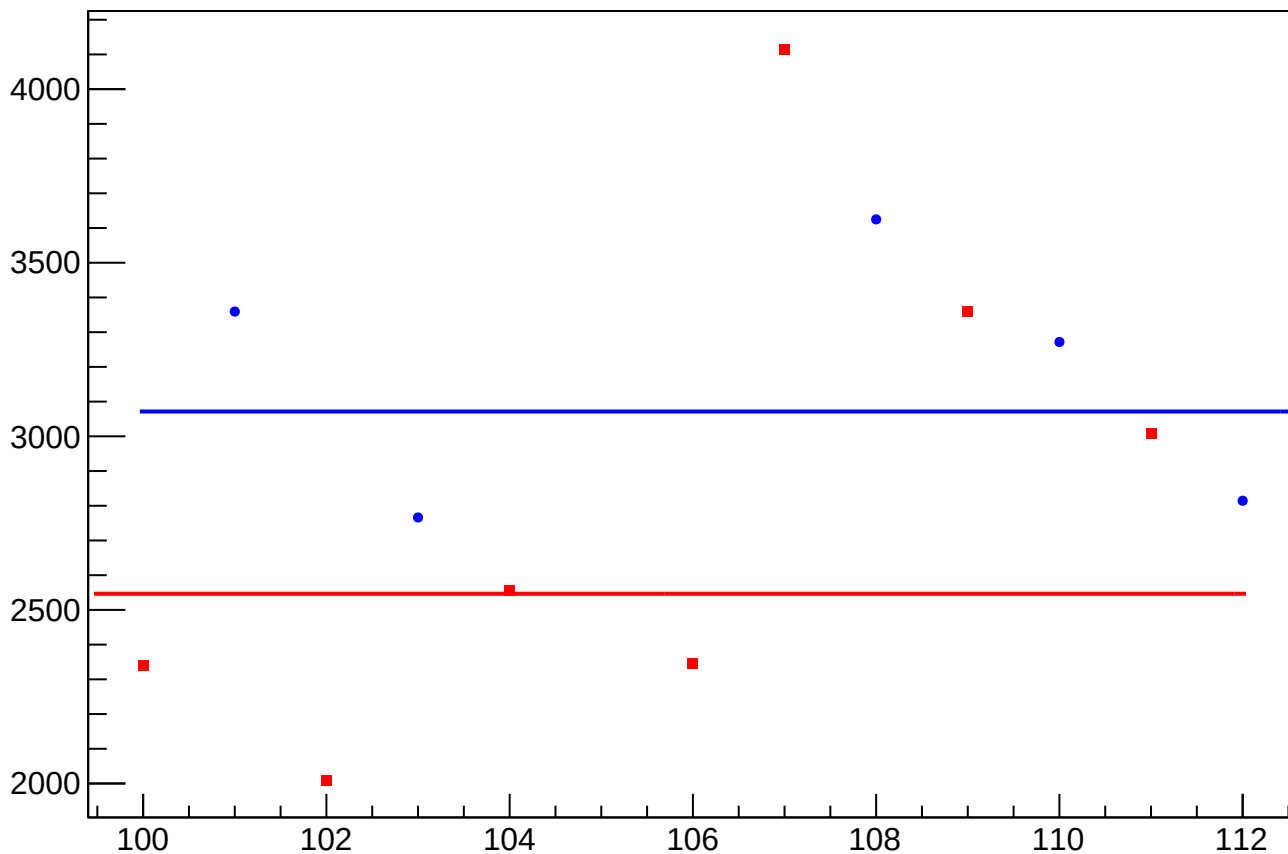
Right: 169.491+/-1240.126 χ^2/NDF : 11.5/11

In: 3236.094+/-1942.991 χ^2/NDF : 1.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.491+/-1240.126 χ^2/NDF : 11.5/11

asym_atr1l2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3071.503+/-1.374 χ^2/NDF : 53750.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2546.524+/-1.139 χ^2/NDF : 237305.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

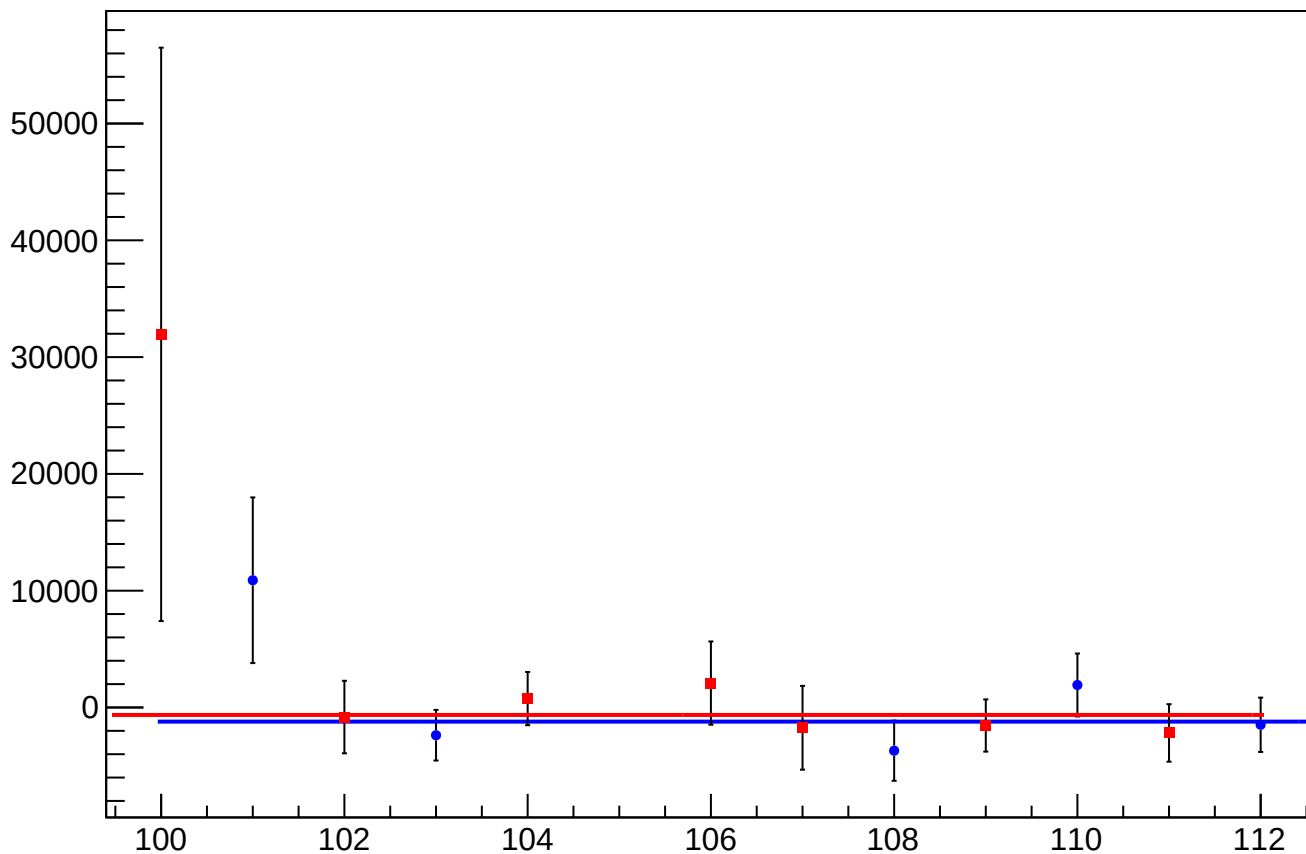
Right: 2760.385+/-0.877 χ^2/NDF : 377583.7/11

In: 3071.503+/-1.374 χ^2/NDF : 53750.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2760.385+/-0.877 χ^2/NDF : 377583.7/11

eigen_cor_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -1210.052+/-1190.410 χ^2/NDF : 5.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -639.605+/-1104.784 χ^2/NDF : 3.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

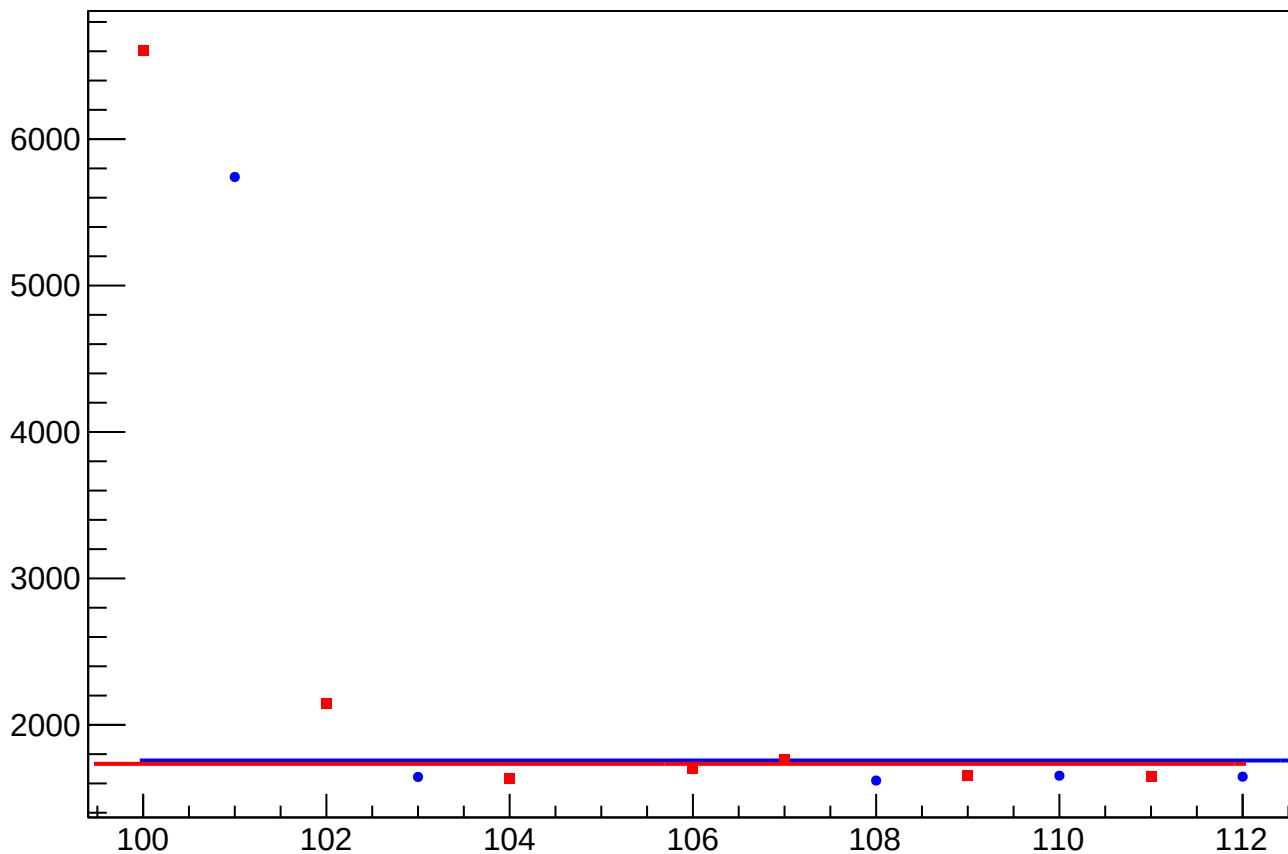
Right: -903.577+/-809.781 χ^2/NDF : 9.0/11

In: -1210.052+/-1190.410 χ^2/NDF : 5.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -903.577+/-809.781 χ^2/NDF : 9.0/11

eigen_cor_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1756.692+/-0.842 χ^2/NDF : 649768.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1733.791+/-0.773 χ^2/NDF : 122845.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

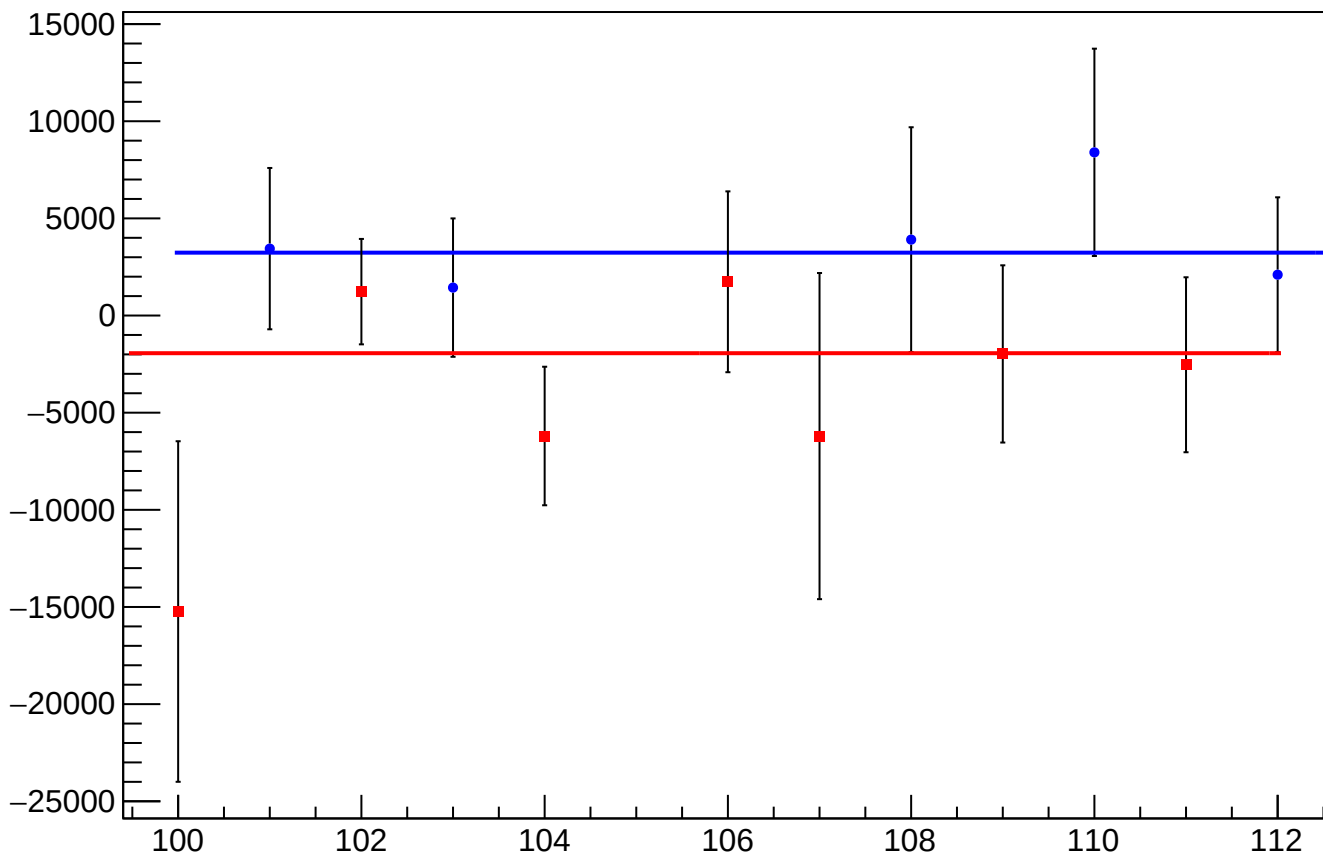
Right: 1744.268+/-0.569 χ^2/NDF : 773015.1/11

In: 1756.692+/-0.842 χ^2/NDF : 649768.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1744.268+/-0.569 χ^2/NDF : 773015.1/11

asym_atr1l2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 3236.094+/-1942.991 χ^2/NDF : 1.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1938.482+/-1610.922 χ^2/NDF : 6.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

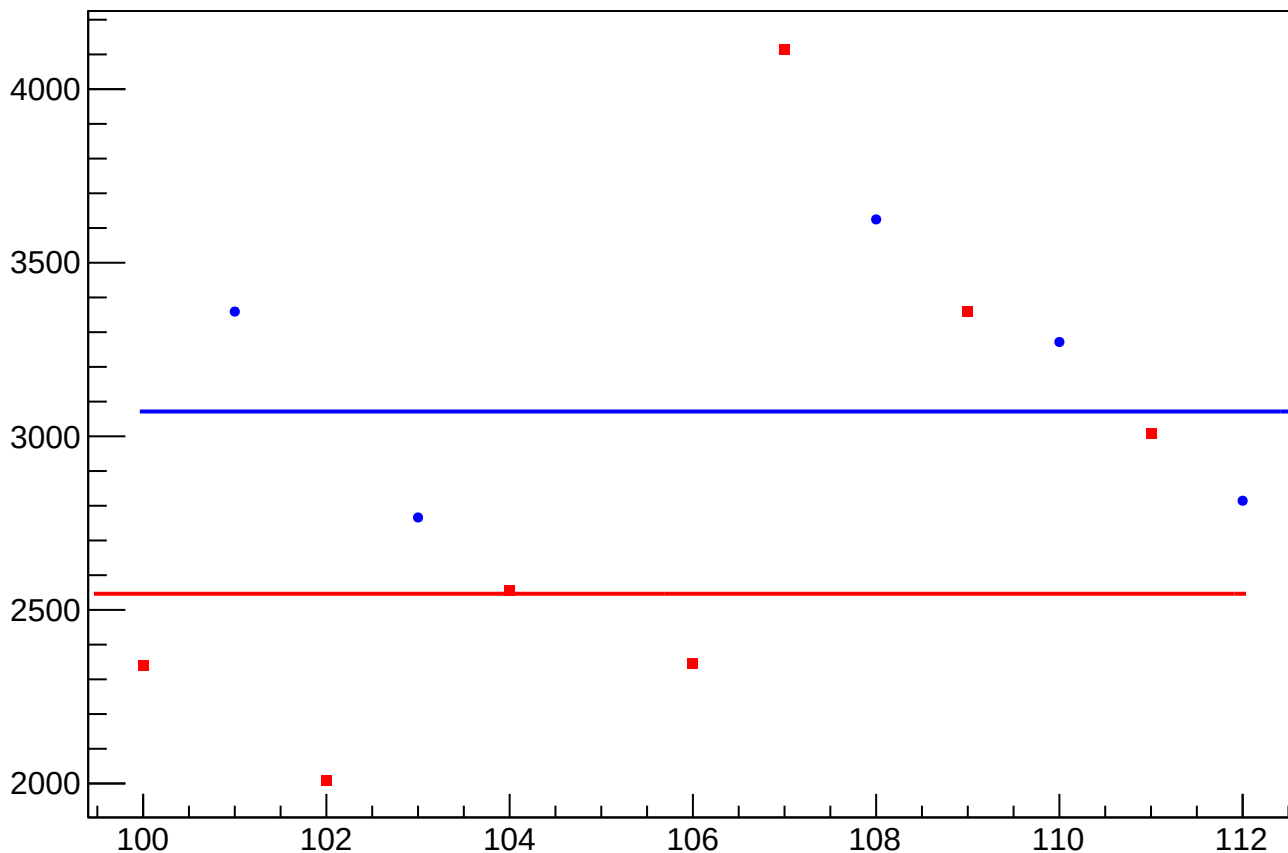
Right: 169.491+/-1240.126 χ^2/NDF : 11.5/11

In: 3236.094+/-1942.991 χ^2/NDF : 1.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.491+/-1240.126 χ^2/NDF : 11.5/11

asym_atr1l2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3071.503+/-1.374 χ^2/NDF : 53750.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2546.524+/-1.139 χ^2/NDF : 237305.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

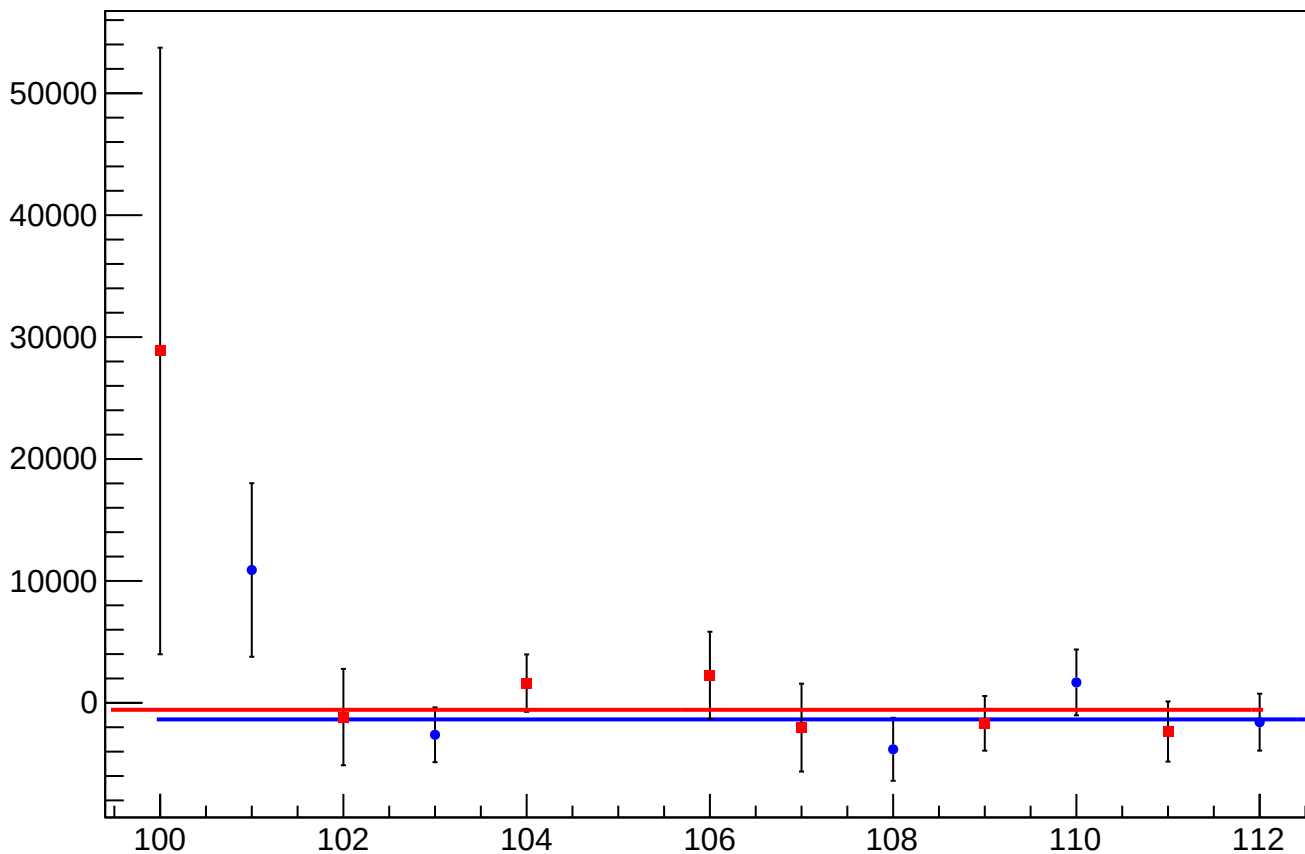
Right: 2760.385+/-0.877 χ^2/NDF : 377583.7/11

In: 3071.503+/-1.374 χ^2/NDF : 53750.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2760.385+/-0.877 χ^2/NDF : 377583.7/11

dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -1357.439+/-1205.407 χ^2/NDF : 5.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -568.549+/-1143.369 χ^2/NDF : 3.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

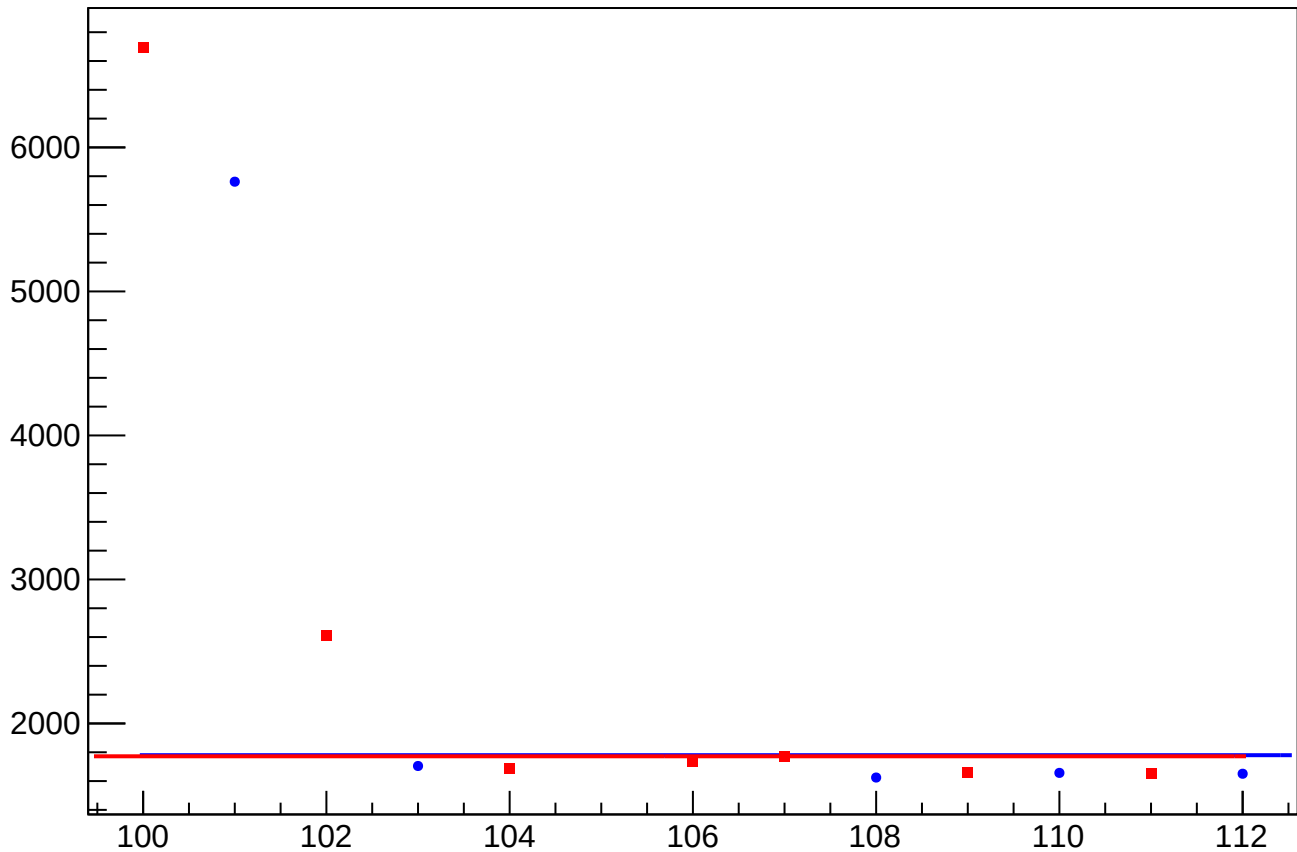
Right: -942.171+/-829.549 χ^2/NDF : 9.5/11

In: -1357.439+/-1205.407 χ^2/NDF : 5.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -942.171+/-829.549 χ^2/NDF : 9.5/11

dit_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1779.765+/-0.852 χ^2/NDF : 645593.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1772.078+/-0.801 χ^2/NDF : 182020.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

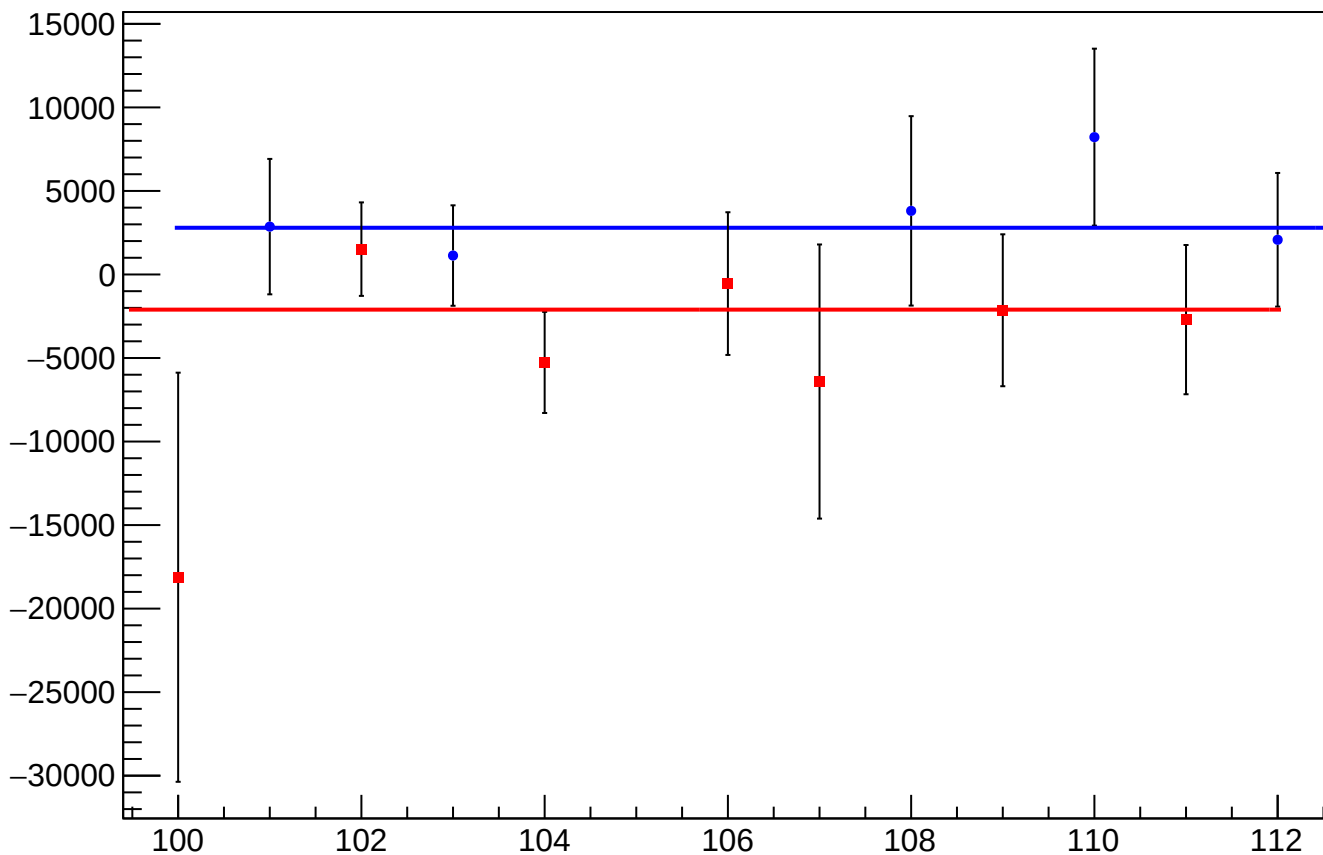
Right: 1775.685+/-0.584 χ^2/NDF : 827657.4/11

In: 1779.765+/-0.852 χ^2/NDF : 645593.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1775.685+/-0.584 χ^2/NDF : 827657.4/11

asym_atr1l2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 2796.190+/-1823.285 χ^2/NDF : 1.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2104.097+/-1558.388 χ^2/NDF : 4.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

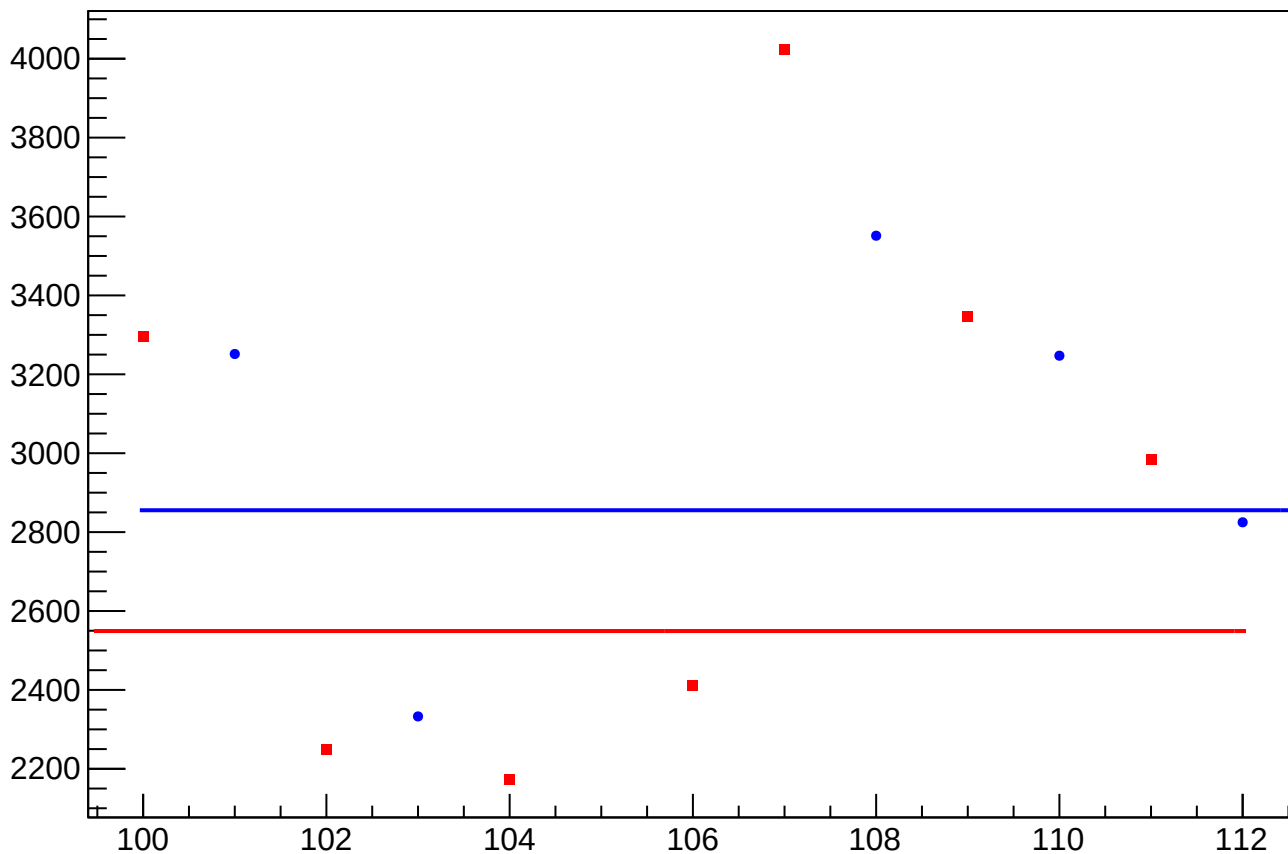
Right: -35.467+/-1184.637 χ^2/NDF : 10.5/11

In: 2796.190+/-1823.285 χ^2/NDF : 1.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.467+/-1184.637 χ^2/NDF : 10.5/11

asym_atr1l2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2855.432+/-1.289 χ^2/NDF : 120748.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2549.304+/-1.102 χ^2/NDF : 208856.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

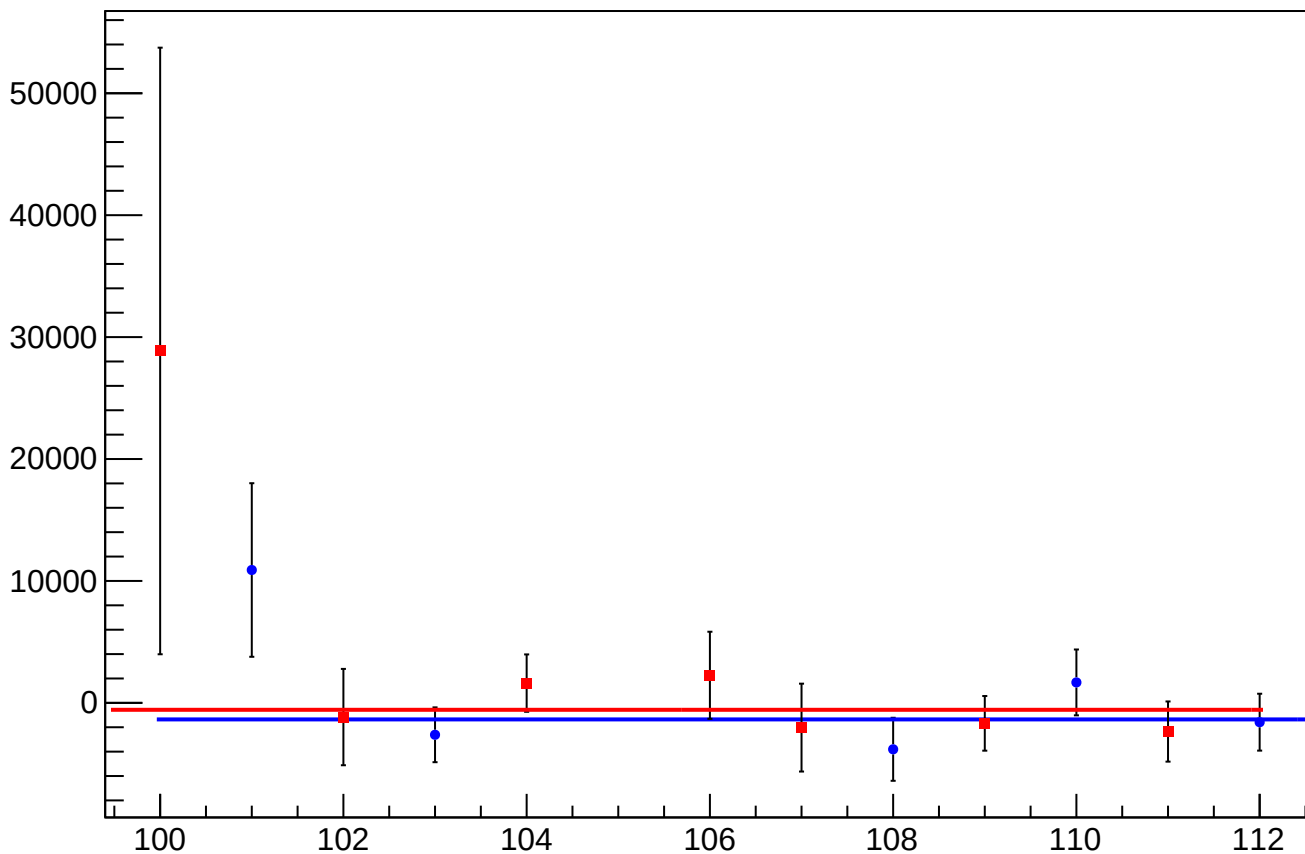
Right: 2678.534+/-0.838 χ^2/NDF : 362185.2/11

In: 2855.432+/-1.289 χ^2/NDF : 120748.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2678.534+/-0.838 χ^2/NDF : 362185.2/11

eigen_dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -1357.448+/-1205.407 χ^2/NDF : 5.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -568.552+/-1143.369 χ^2/NDF : 3.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

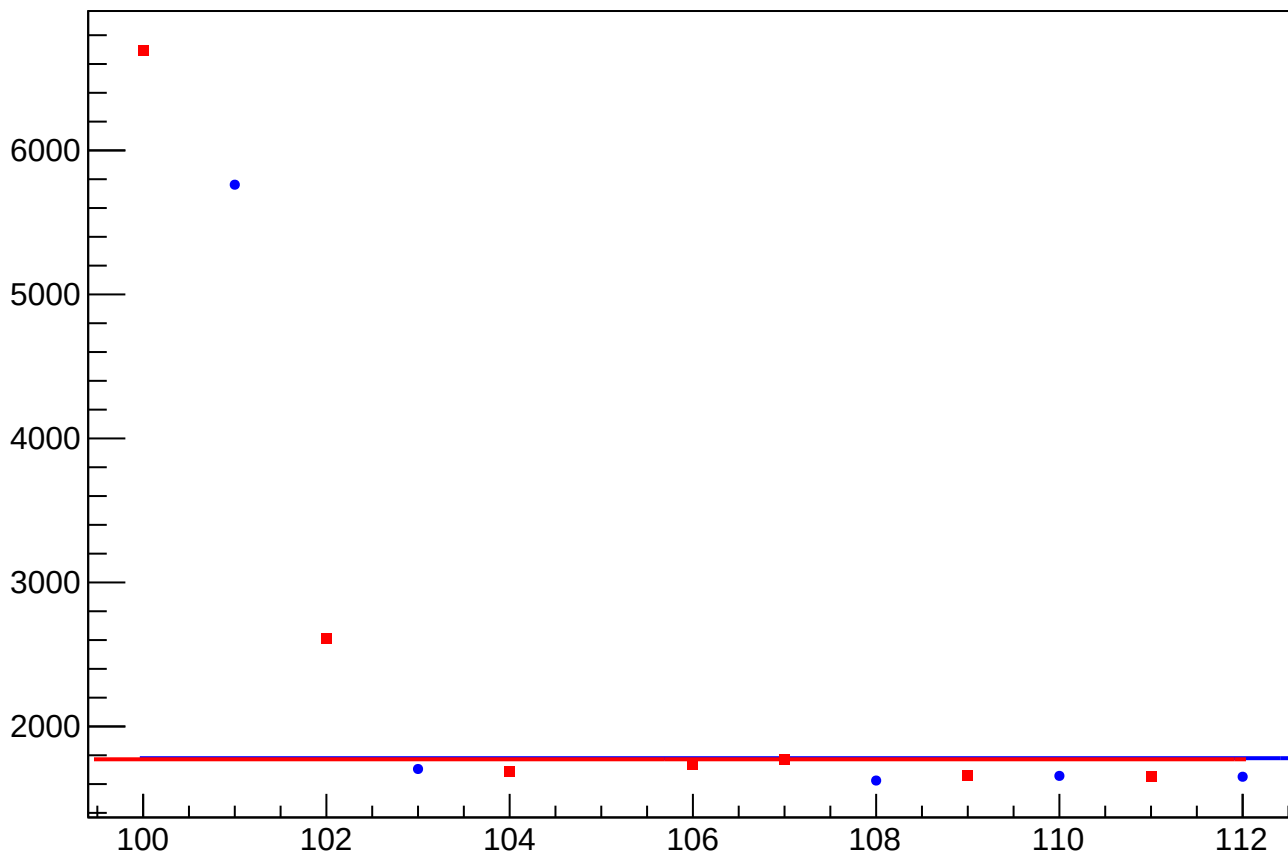
Right: -942.178+/-829.549 χ^2/NDF : 9.5/11

In: -1357.448+/-1205.407 χ^2/NDF : 5.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -942.178+/-829.549 χ^2/NDF : 9.5/11

eigen_dit_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1779.765+/-0.852 χ^2/NDF : 645593.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1772.077+/-0.801 χ^2/NDF : 182020.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

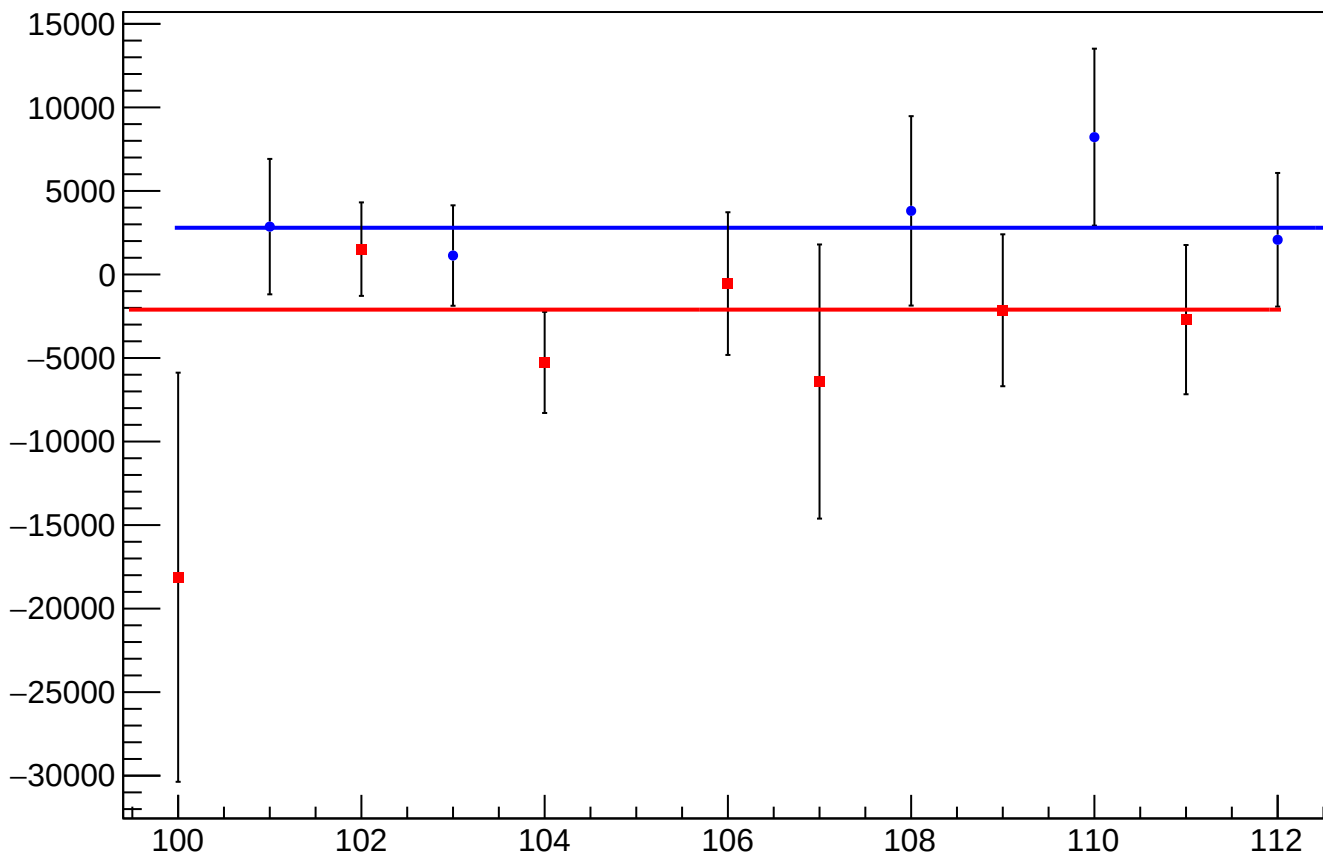
Right: 1775.685+/-0.584 χ^2/NDF : 827657.3/11

In: 1779.765+/-0.852 χ^2/NDF : 645593.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1775.685+/-0.584 χ^2/NDF : 827657.3/11

asym_atr1l2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 2796.188+/-1823.283 χ^2 /NDF: 1.4/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2104.101+/-1558.387 χ^2 /NDF: 4.9/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

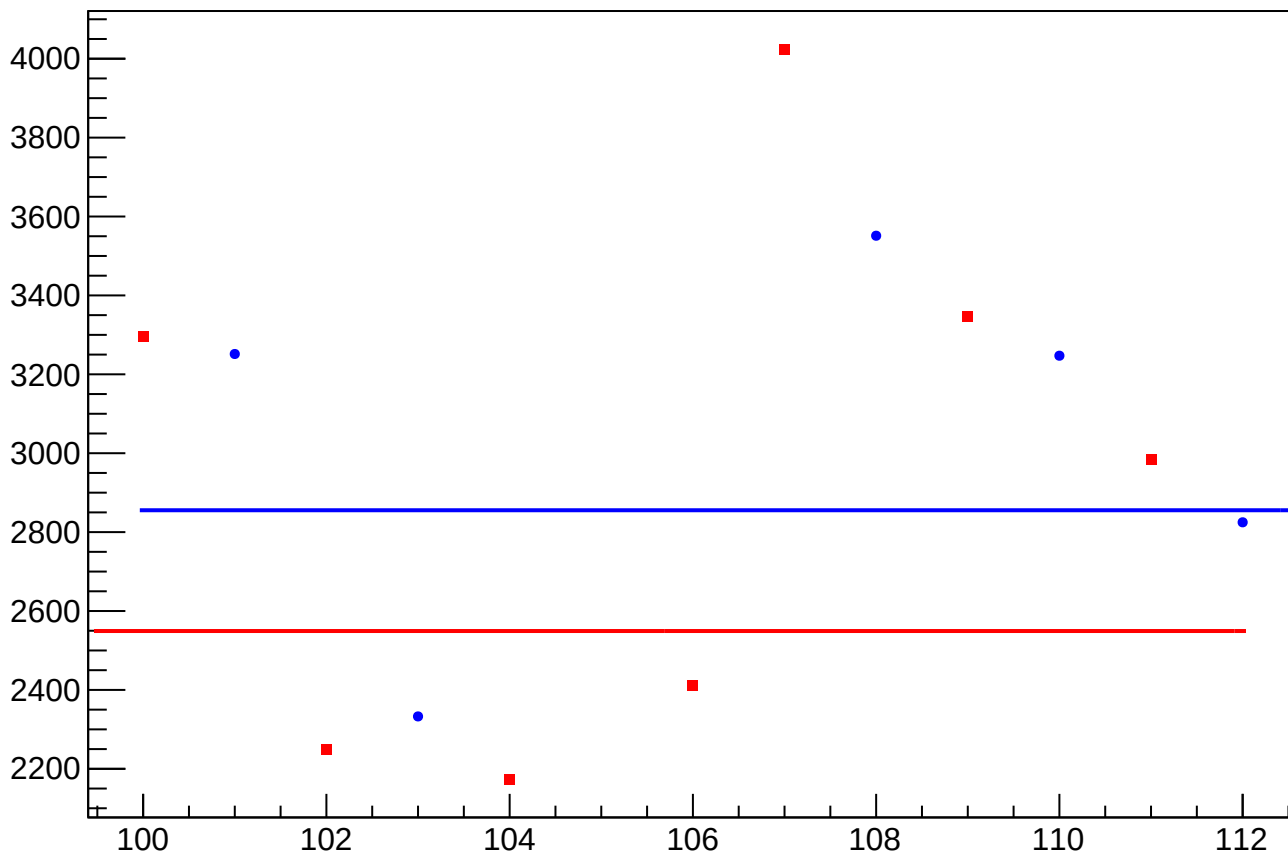
Right: -35.468+/-1184.636 χ^2 /NDF: 10.5/11

In: 2796.188+/-1823.283 χ^2 /NDF:1.4/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -35.468+/-1184.636 χ^2 /NDF: 10.5/11

asym_atr1l2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2855.430+/-1.289 χ^2/NDF : 120746.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2549.303+/-1.102 χ^2/NDF : 208854.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

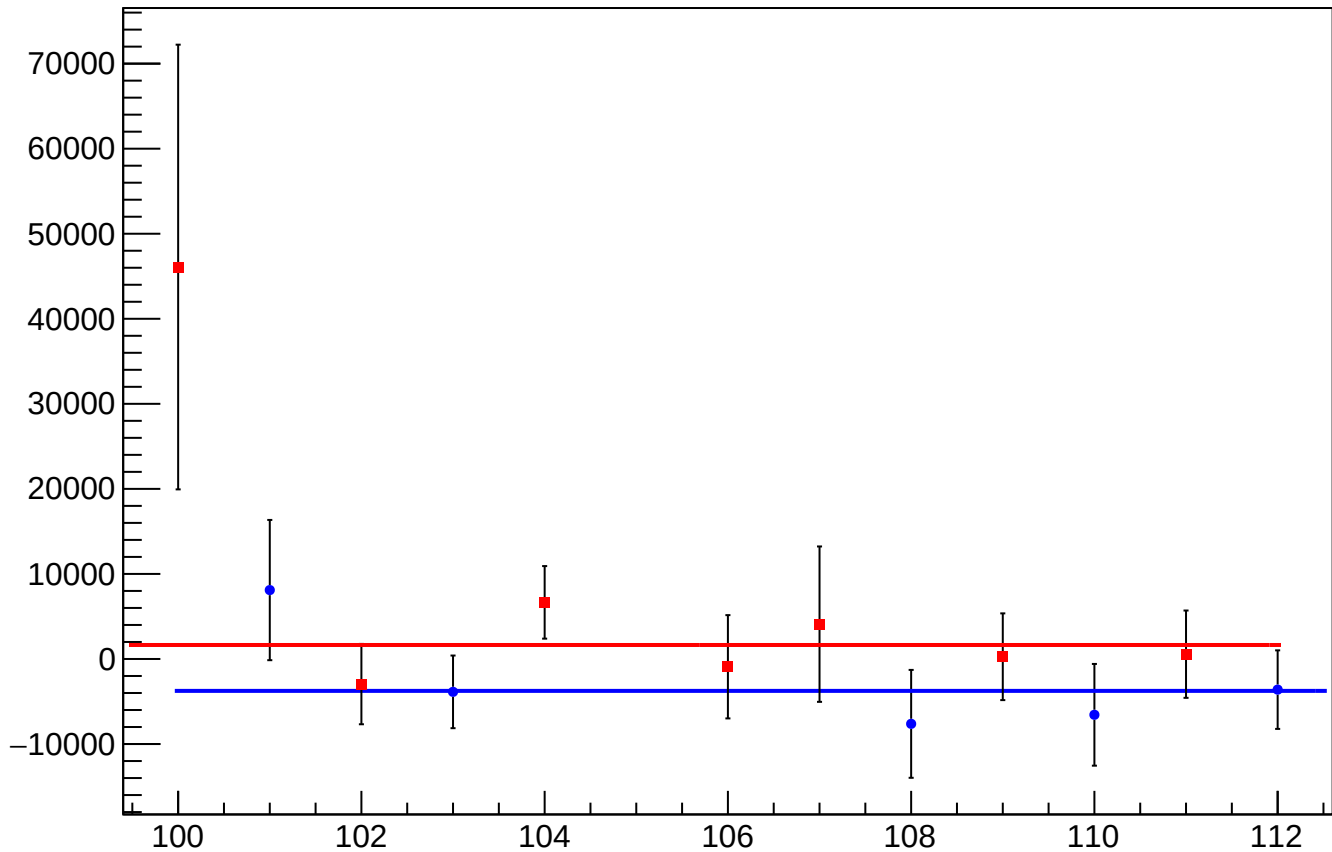
Right: 2678.533+/-0.838 χ^2/NDF : 362179.6/11

In: 2855.430+/-1.289 χ^2/NDF : 120746.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2678.533+/-0.838 χ^2/NDF : 362179.6/11

asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -3751.728 +/- 2430.846 χ^2/NDF : 2.7/4

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 1644.704 +/- 2147.947 χ^2/NDF : 5.6/6

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

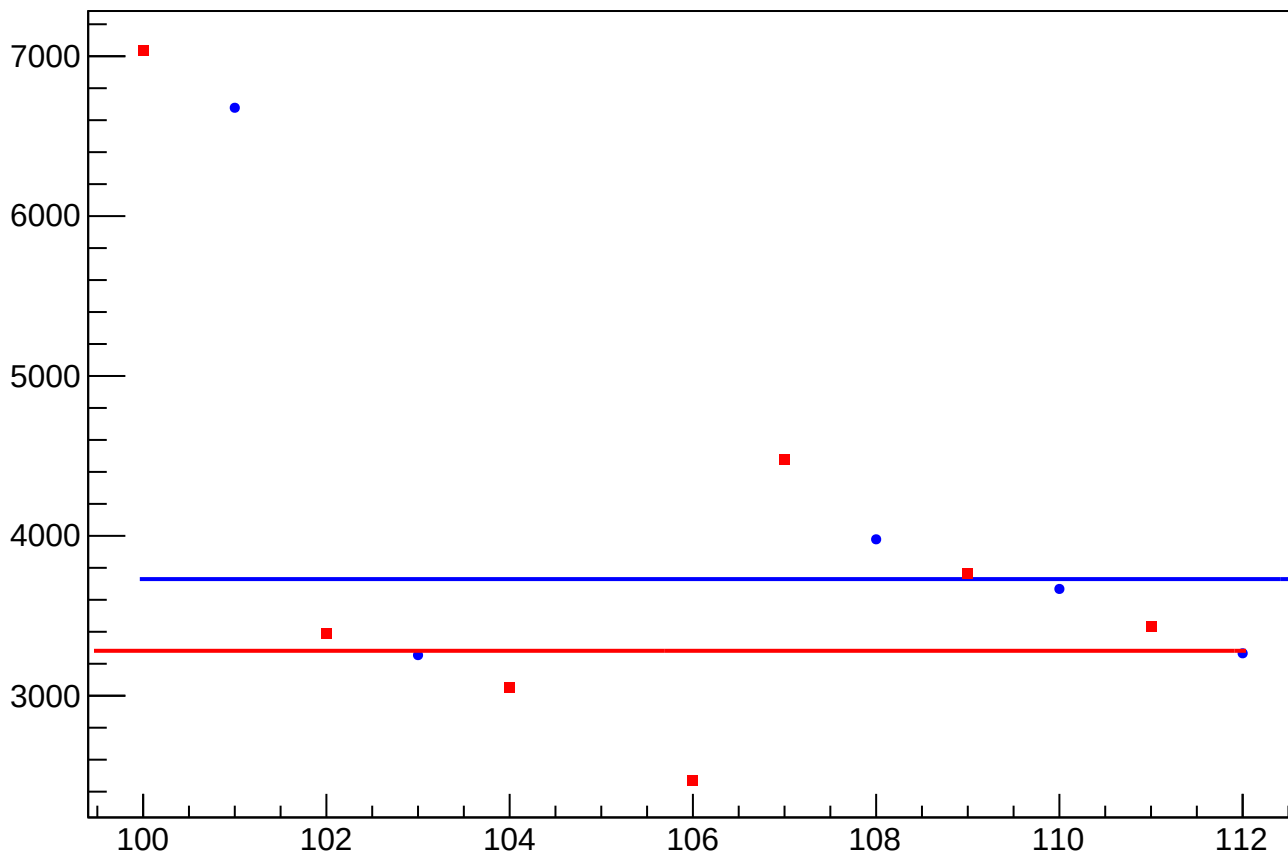
Right: -721.363 +/- 1609.599 χ^2/NDF : 11.0/11

In: -3751.728 +/- 2430.846 χ^2/NDF : 2.7/4

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -721.363 +/- 1609.599 χ^2/NDF : 11.0/11

asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 3729.554+/-1.719 χ^2/NDF : 303989.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3281.044+/-1.461 χ^2/NDF : 160552.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

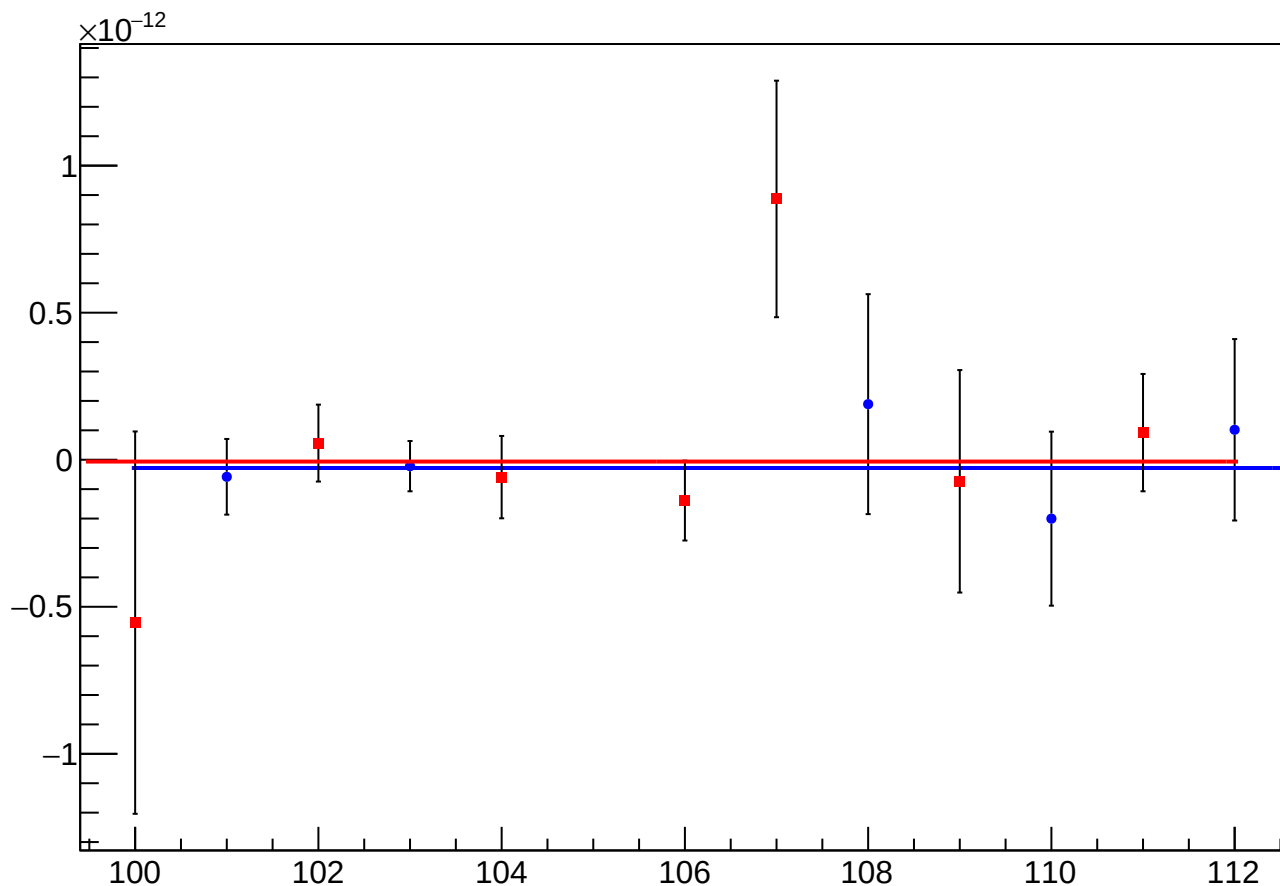
Right: 3469.167+/-1.113 χ^2/NDF : 504070.6/11

In: 3729.554+/-1.719 χ^2/NDF : 303989.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3469.167+/-1.113 χ^2/NDF : 504070.6/11

asym_atr1l2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.9/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 7.2/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

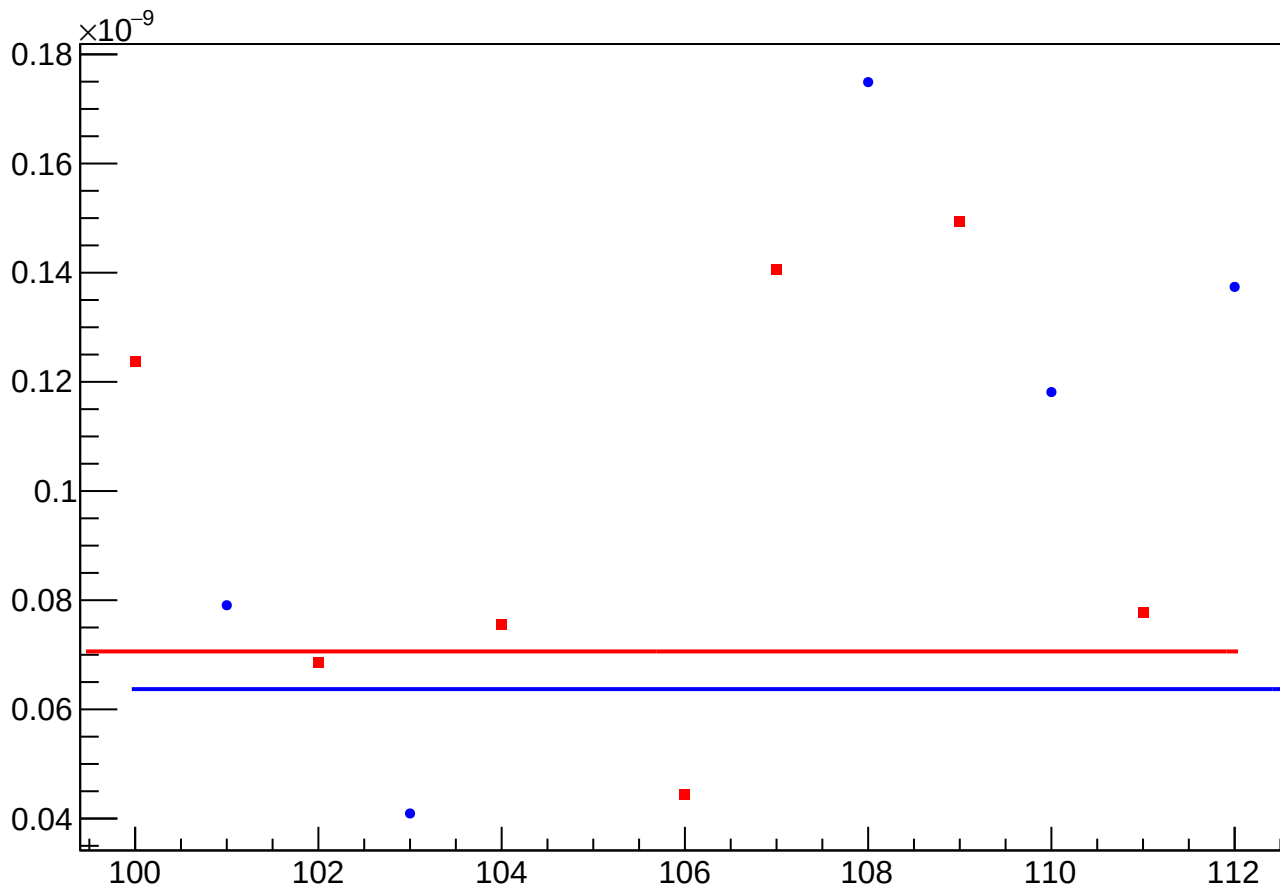
Right: -0.000+/-0.000 χ^2 /NDF: 8.2/11

In: -0.000+/-0.000 χ^2 /NDF:0.9/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 8.2/11

asym_atr1l2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 529354.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 240346.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

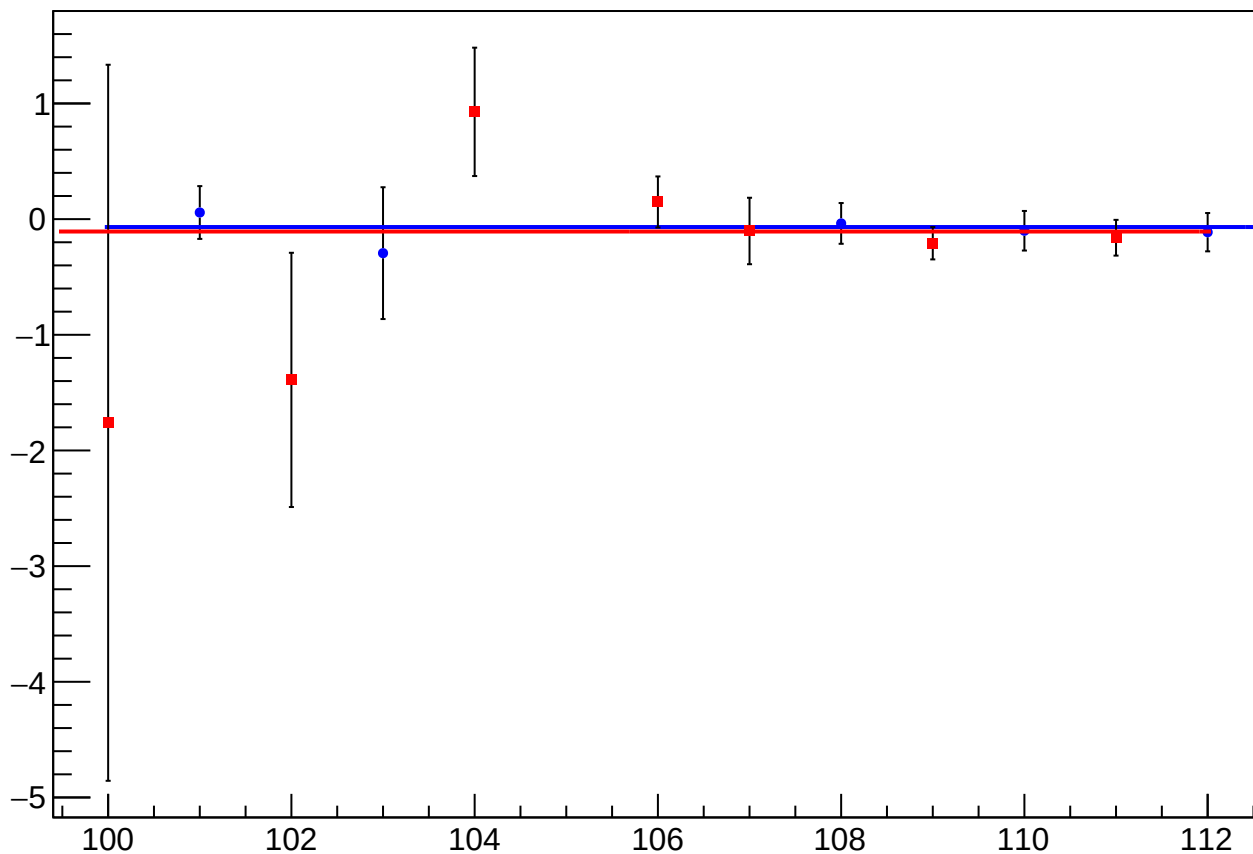
Right: 0.000+/-0.000 χ^2/NDF : 779937.9/11

In: 0.000+/-0.000 χ^2/NDF : 529354.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 779937.9/11

asym_atr1l2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.068 ± 0.089 χ^2/NDF : 0.6/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.107 ± 0.088 χ^2/NDF : 7.1/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

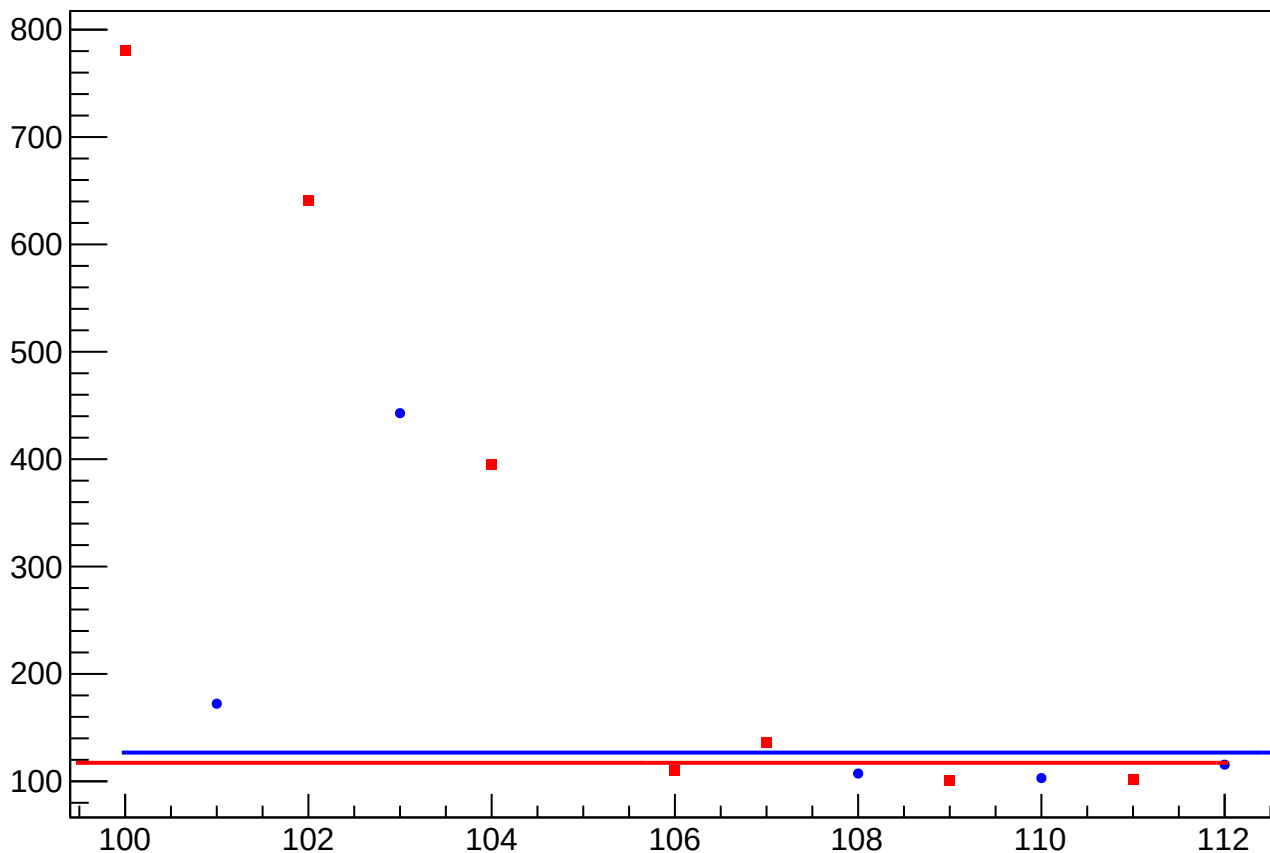
Right: -0.088 ± 0.063 χ^2/NDF : 7.8/11

In: -0.068 ± 0.089 χ^2/NDF : 0.6/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.088 ± 0.063 χ^2/NDF : 7.8/11

asym_atr1l2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 126.750+/-0.063 χ^2/NDF : 767184.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 117.229+/-0.062 χ^2/NDF : 1106065.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

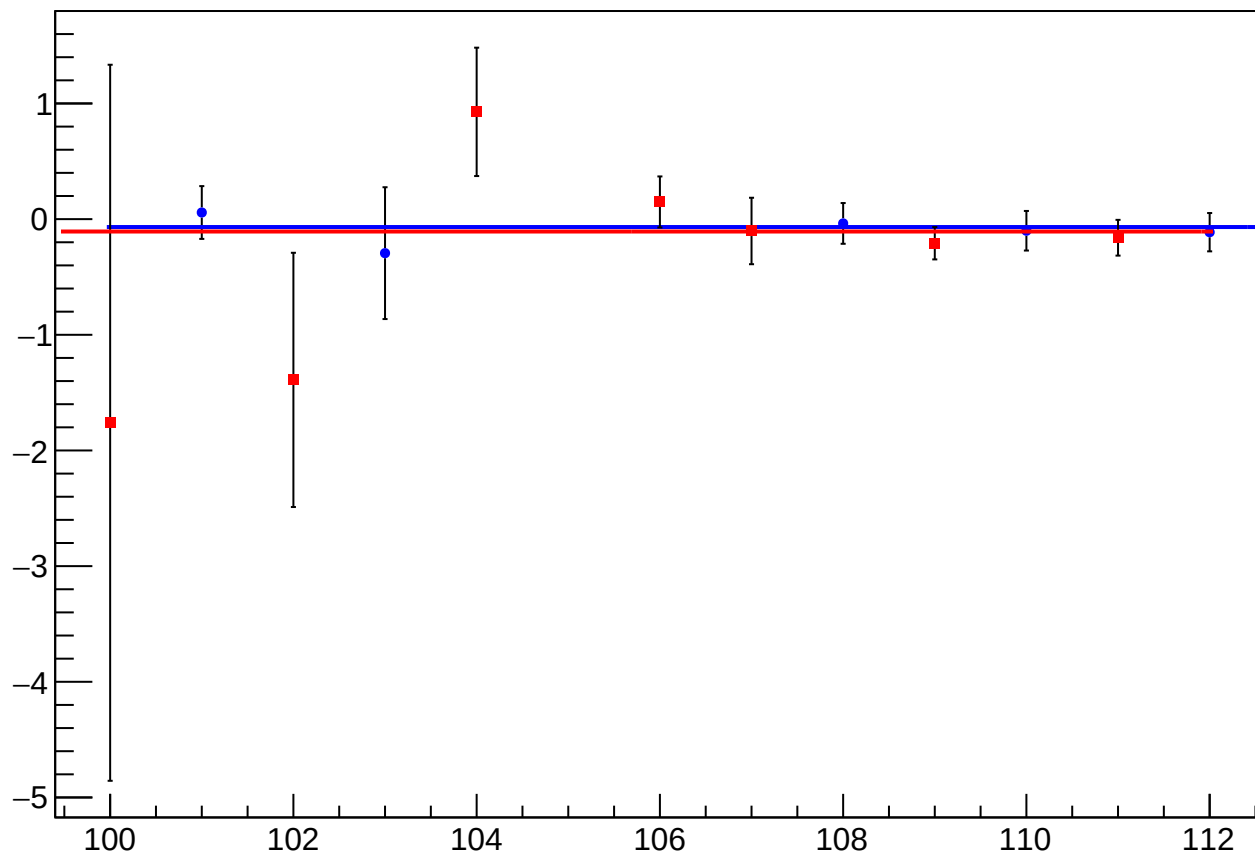
Right: 121.900+/-0.044 χ^2/NDF : 1884803.1/11

In: 126.750+/-0.063 χ^2/NDF : 767184.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.900+/-0.044 χ^2/NDF : 1884803.1/11

asym_atr1l2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.068 ± 0.089 χ^2/NDF : 0.6/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.107 ± 0.088 χ^2/NDF : 7.1/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

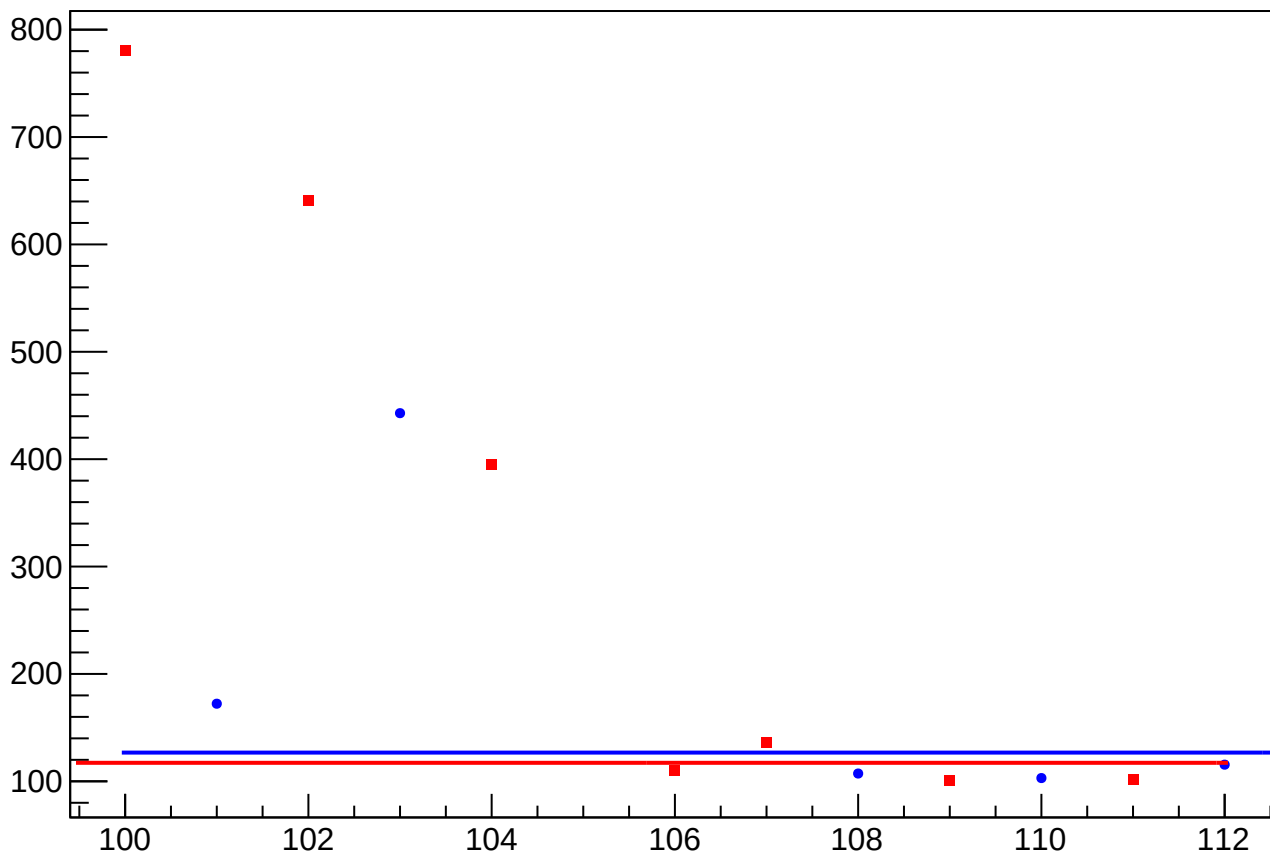
Right: -0.088 ± 0.063 χ^2/NDF : 7.8/11

In: -0.068 ± 0.089 χ^2/NDF : 0.6/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.088 ± 0.063 χ^2/NDF : 7.8/11

asym_atr12_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 126.750 $\pm$ 0.063 χ^2 /NDF: 767184.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 117.229 $\pm$ 0.062 χ^2 /NDF: 1106065.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

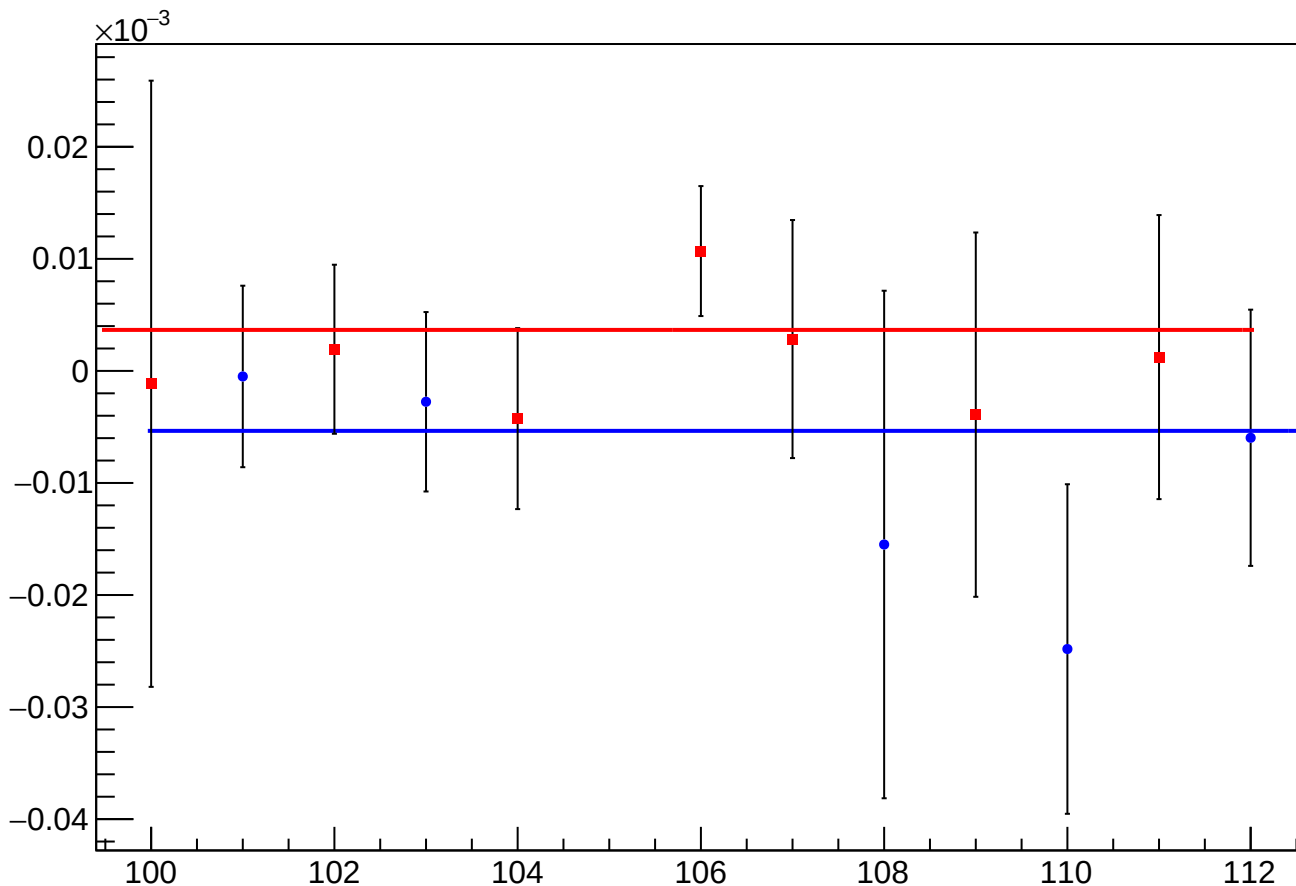
Right: 121.900 $\pm$ 0.044 χ^2 /NDF: 1884803.1/11

In: 126.750 $\pm$ 0.063 χ^2 /NDF:767184.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 121.900 $\pm$ 0.044 χ^2 /NDF: 1884803.1/11

asym_atr1l2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

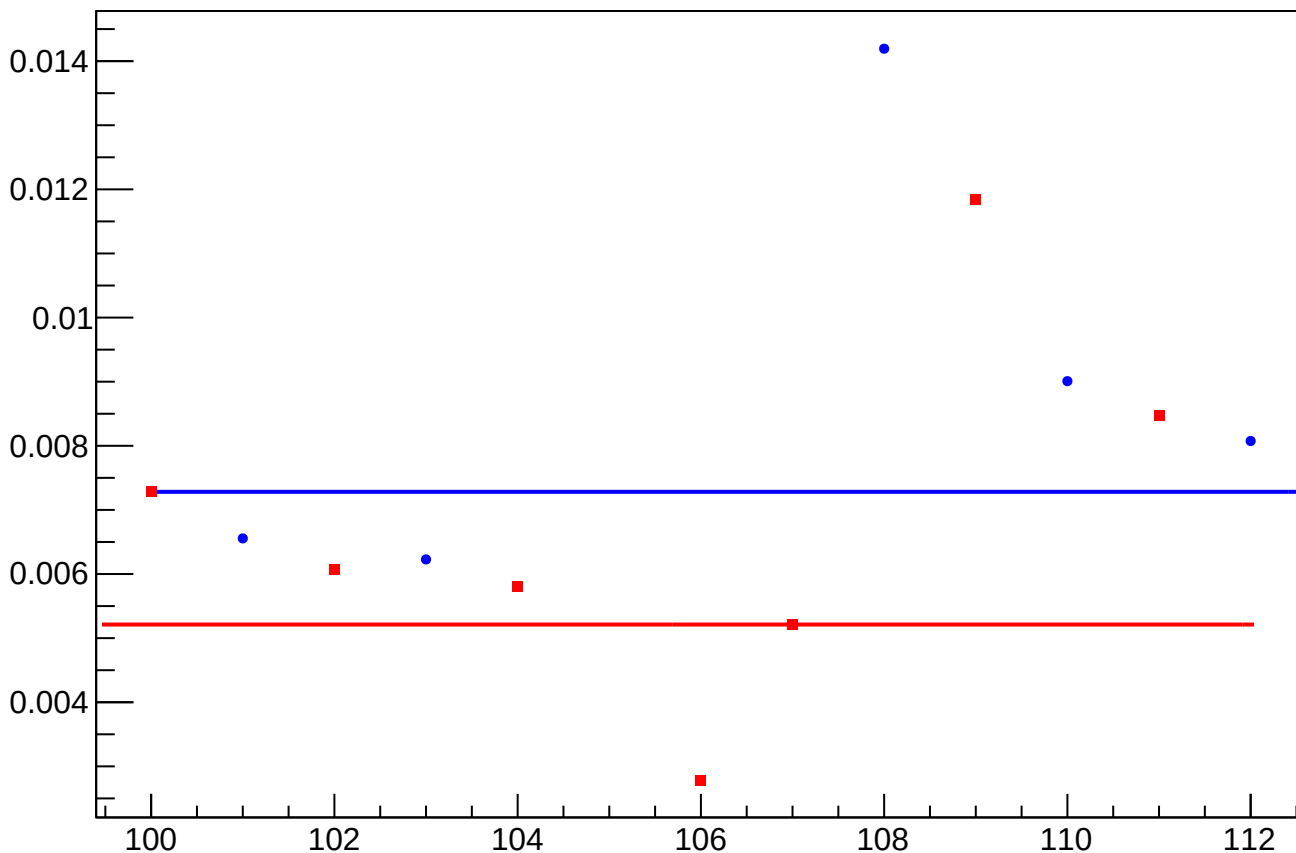
Right: 0.000+/-0.000 χ^2/NDF : 7.6/11

In: -0.000+/-0.000 χ^2/NDF : 2.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.6/11

asym_atr1l2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 274273.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 865578.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

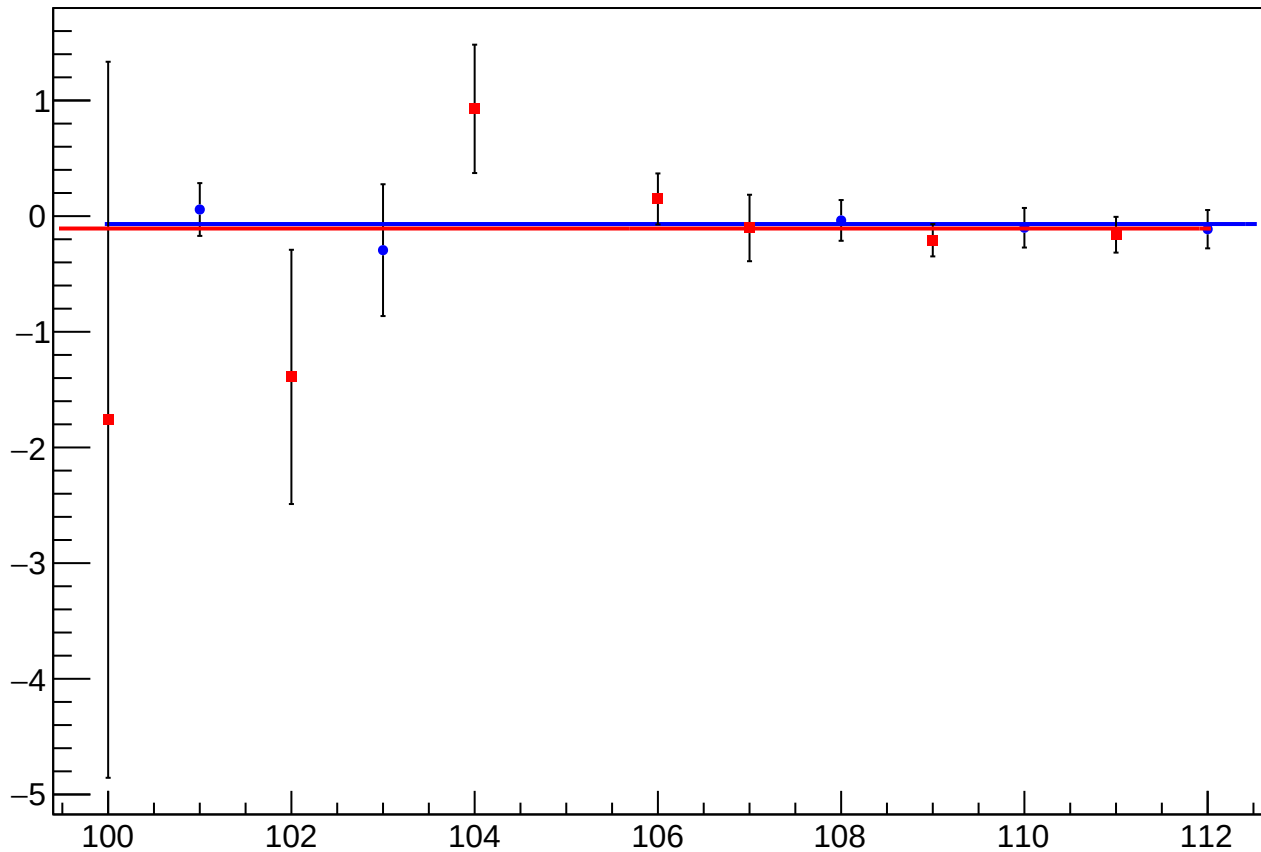
Right: 0.006+/-0.000 χ^2/NDF : 1390028.5/11

In: 0.007+/-0.000 χ^2/NDF : 274273.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1390028.5/11

asym_atr1l2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.068 $\pm$ 0.089 χ^2 /NDF: 0.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.107 $\pm$ 0.088 χ^2 /NDF: 7.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

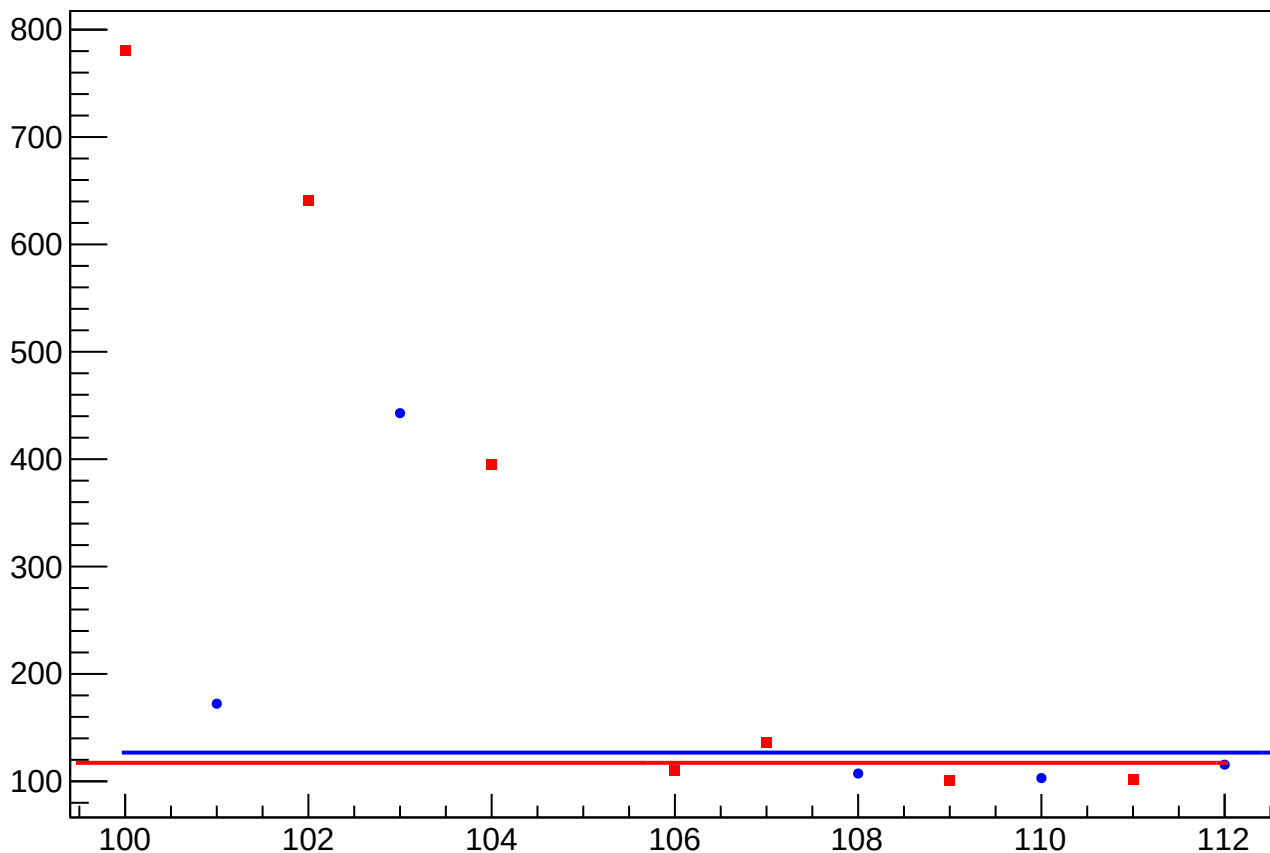
Right: -0.088 $\pm$ 0.063 χ^2 /NDF: 7.8/11

In: -0.068 $\pm$ 0.089 χ^2 /NDF:0.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.088 $\pm$ 0.063 χ^2 /NDF: 7.8/11

asym_atr12_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 126.754+/-0.063 χ^2/NDF : 767135.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 117.231+/-0.062 χ^2/NDF : 1106045.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

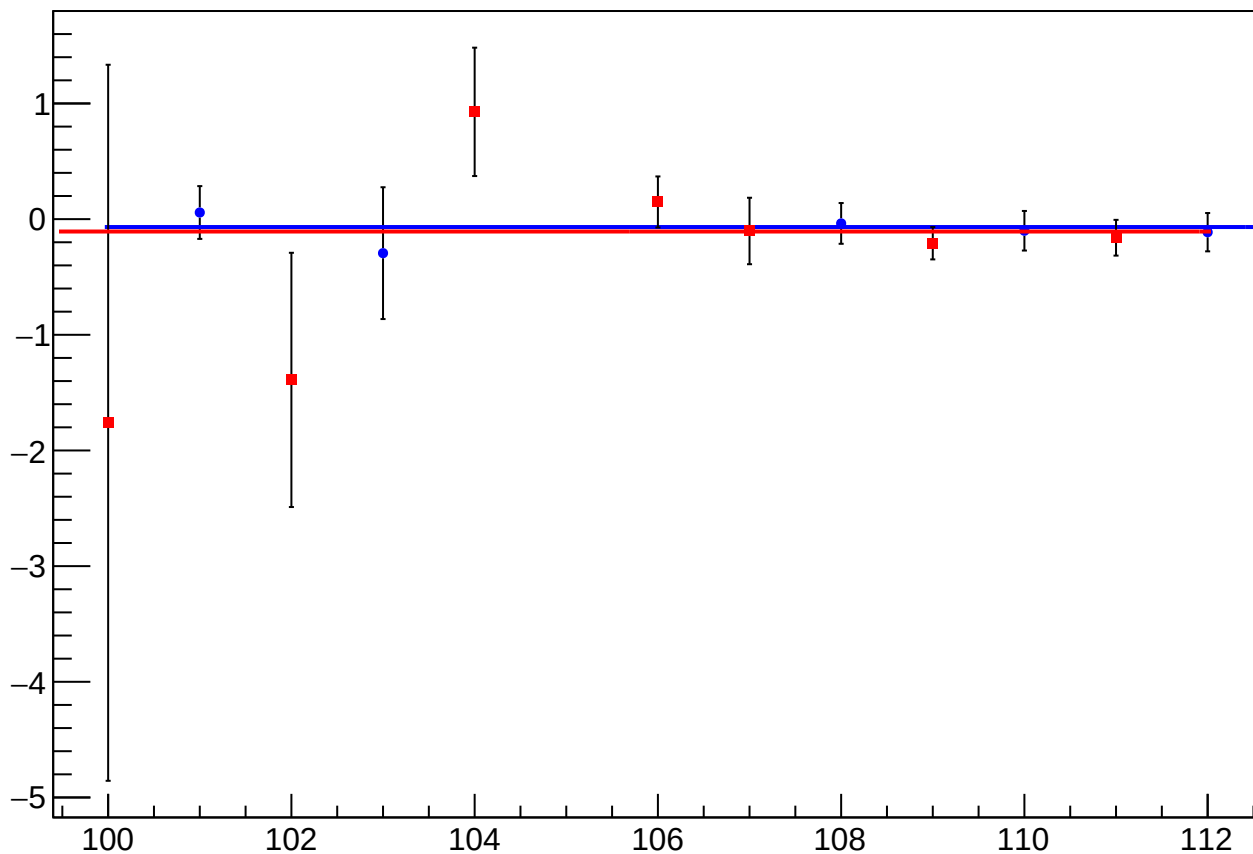
Right: 121.903+/-0.044 χ^2/NDF : 1884736.8/11

In: 126.754+/-0.063 χ^2/NDF : 767135.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.903+/-0.044 χ^2/NDF : 1884736.8/11

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.068 ± 0.089 χ^2/NDF : 0.6/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.107 ± 0.088 χ^2/NDF : 7.1/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

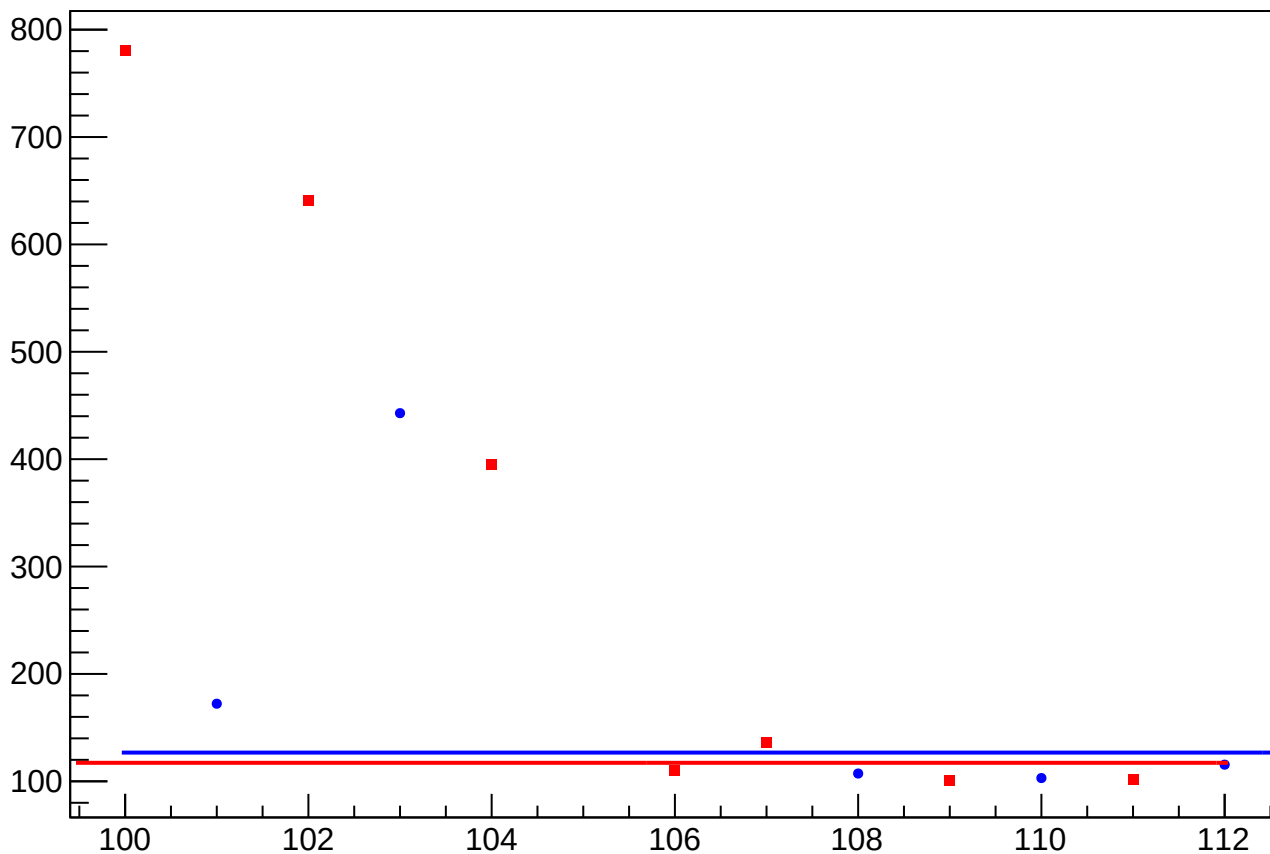
Right: -0.088 ± 0.063 χ^2/NDF : 7.8/11

In: -0.068 ± 0.089 χ^2/NDF : 0.6/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.088 ± 0.063 χ^2/NDF : 7.8/11

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 126.754+/-0.063 χ^2/NDF : 767135.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 117.231+/-0.062 χ^2/NDF : 1106045.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

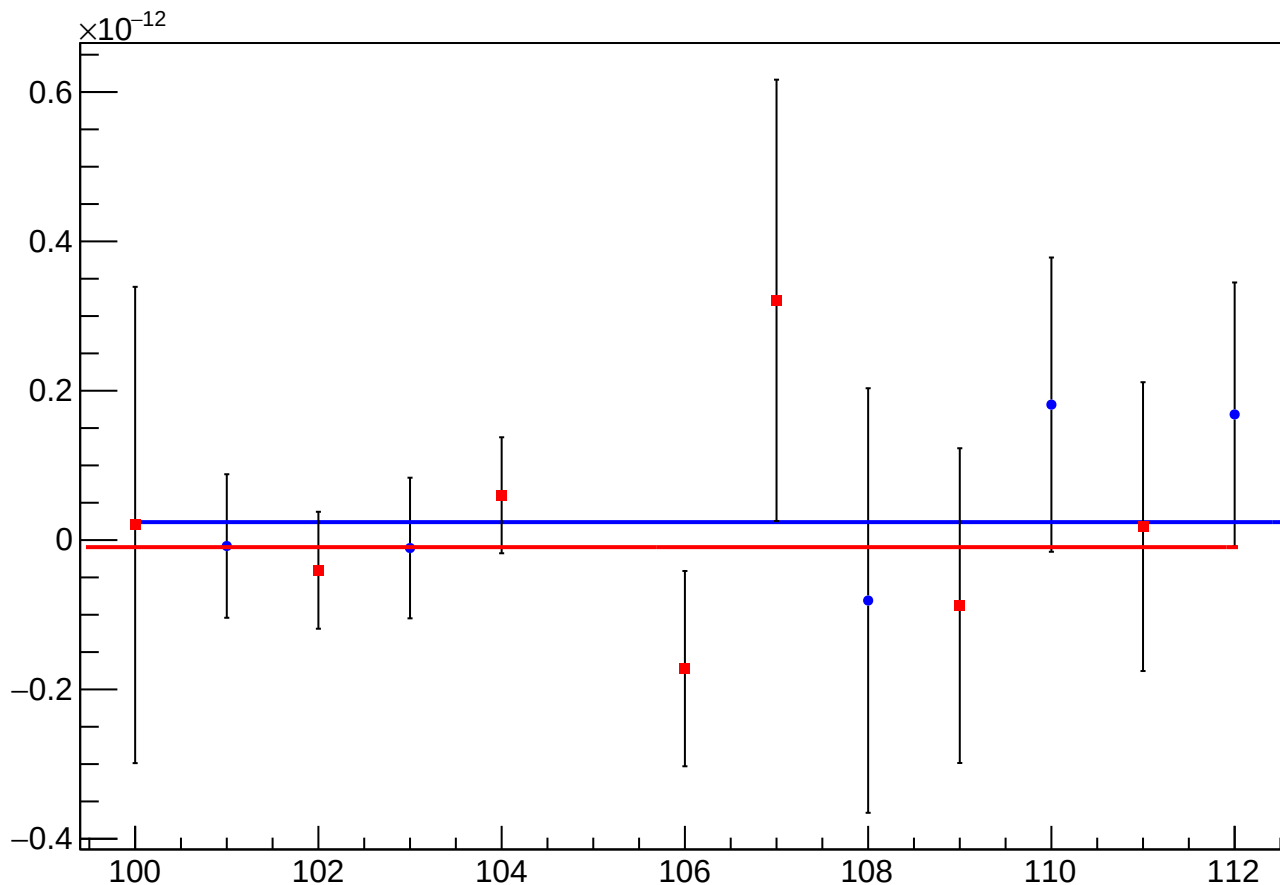
Right: 121.903+/-0.044 χ^2/NDF : 1884736.8/11

In: 126.754+/-0.063 χ^2/NDF : 767135.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.903+/-0.044 χ^2/NDF : 1884736.8/11

asym_atr1l2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

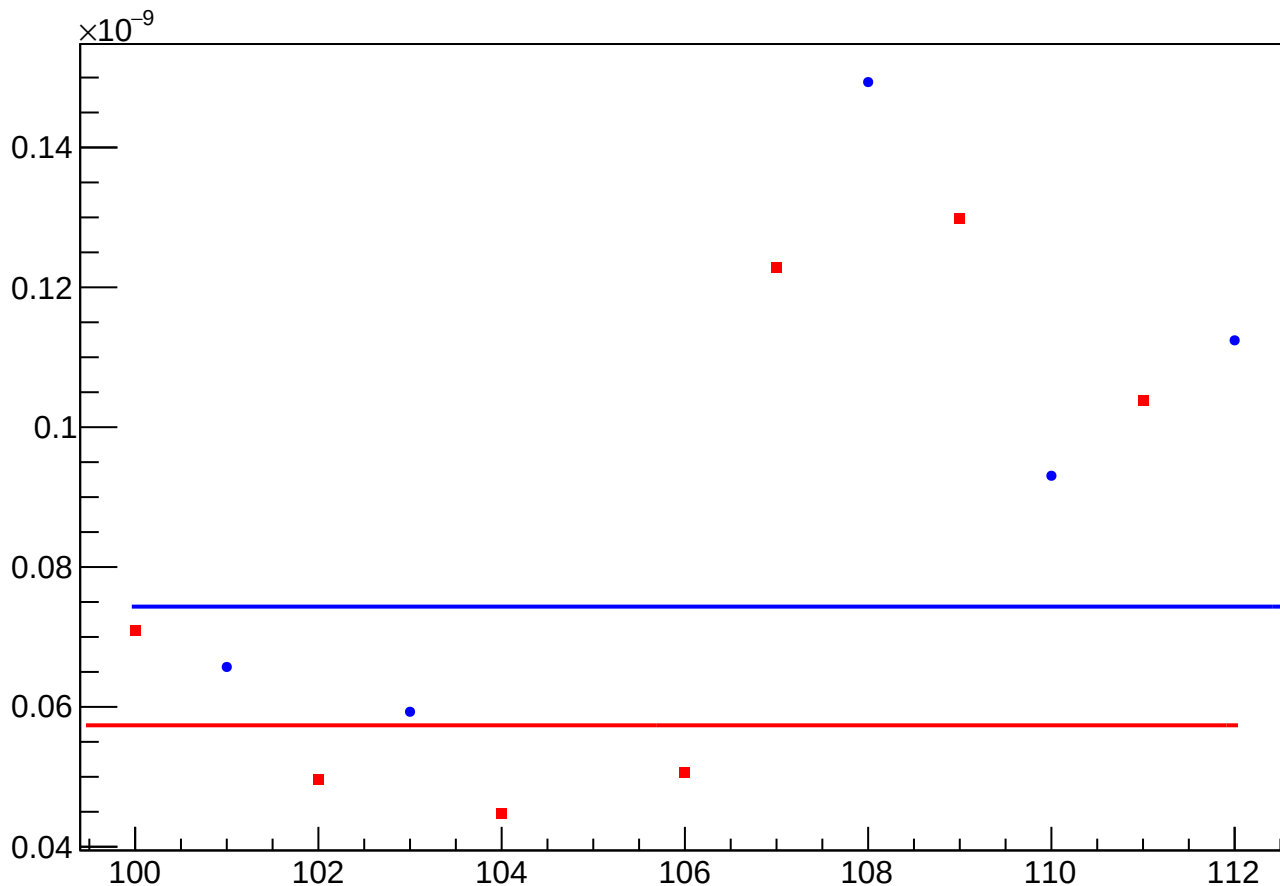
Right: 0.000+/-0.000 χ^2/NDF : 5.8/11

In: 0.000+/-0.000 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5.8/11

asym_atr1l2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 317315.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 531902.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

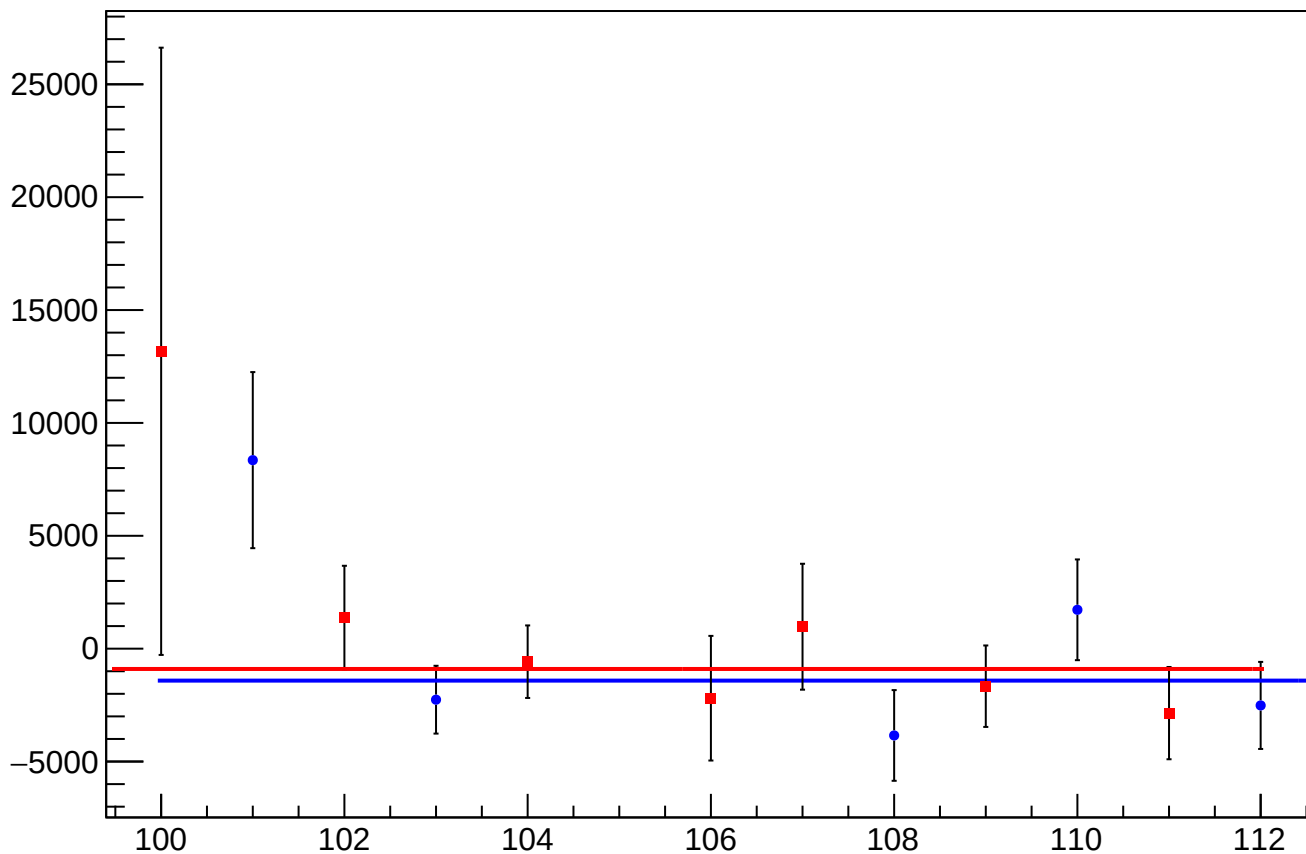
Right: 0.000+/-0.000 χ^2/NDF : 951785.5/11

In: 0.000+/-0.000 χ^2/NDF : 317315.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 951785.5/11

reg_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1415.283+/-902.919 χ^2/NDF : 10.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -899.470+/-848.705 χ^2/NDF : 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

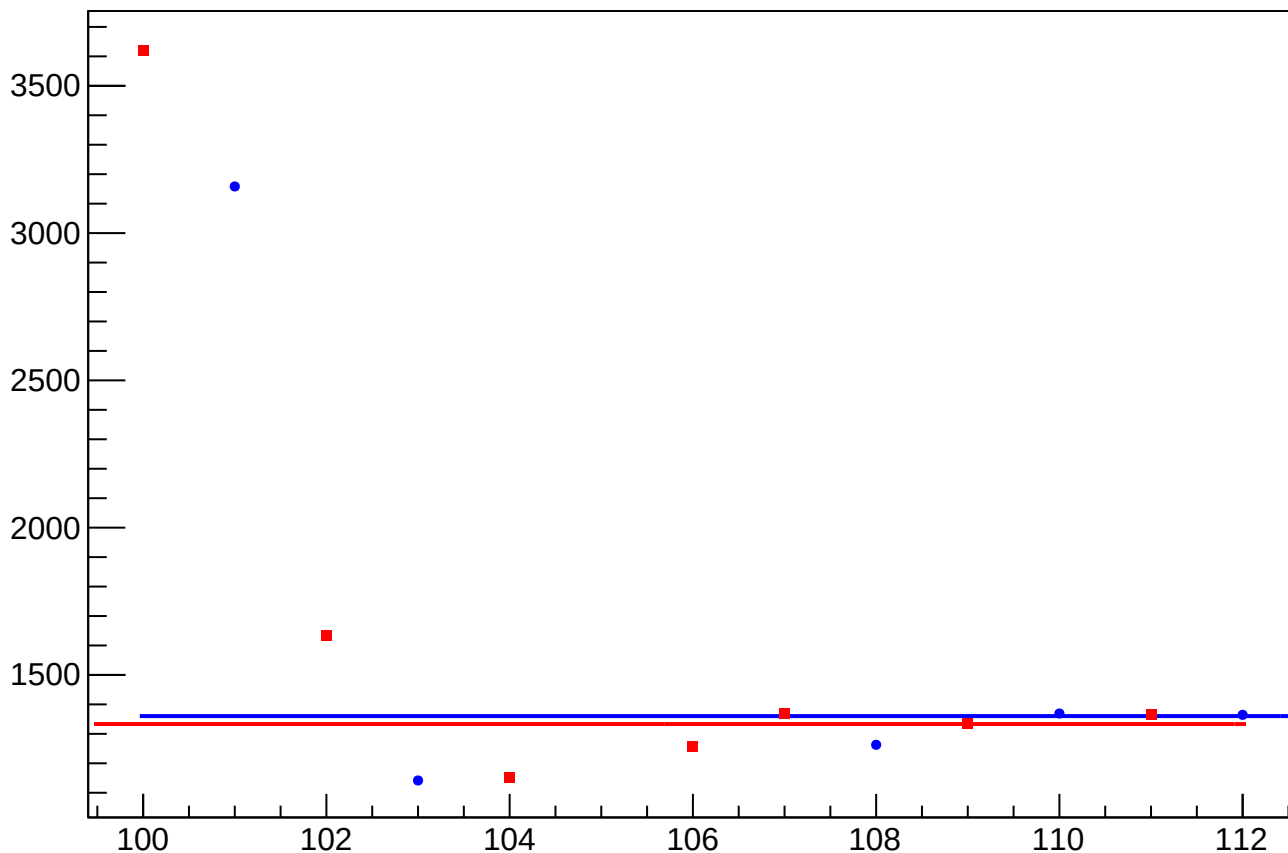
Right: -1141.427+/-618.403 χ^2/NDF : 14.4/11

In: -1415.283+/-902.919 χ^2/NDF : 10.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1141.427+/-618.403 χ^2/NDF : 14.4/11

reg_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1360.317+/-0.638 χ^2/NDF : 472253.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1333.236+/-0.595 χ^2/NDF : 120446.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

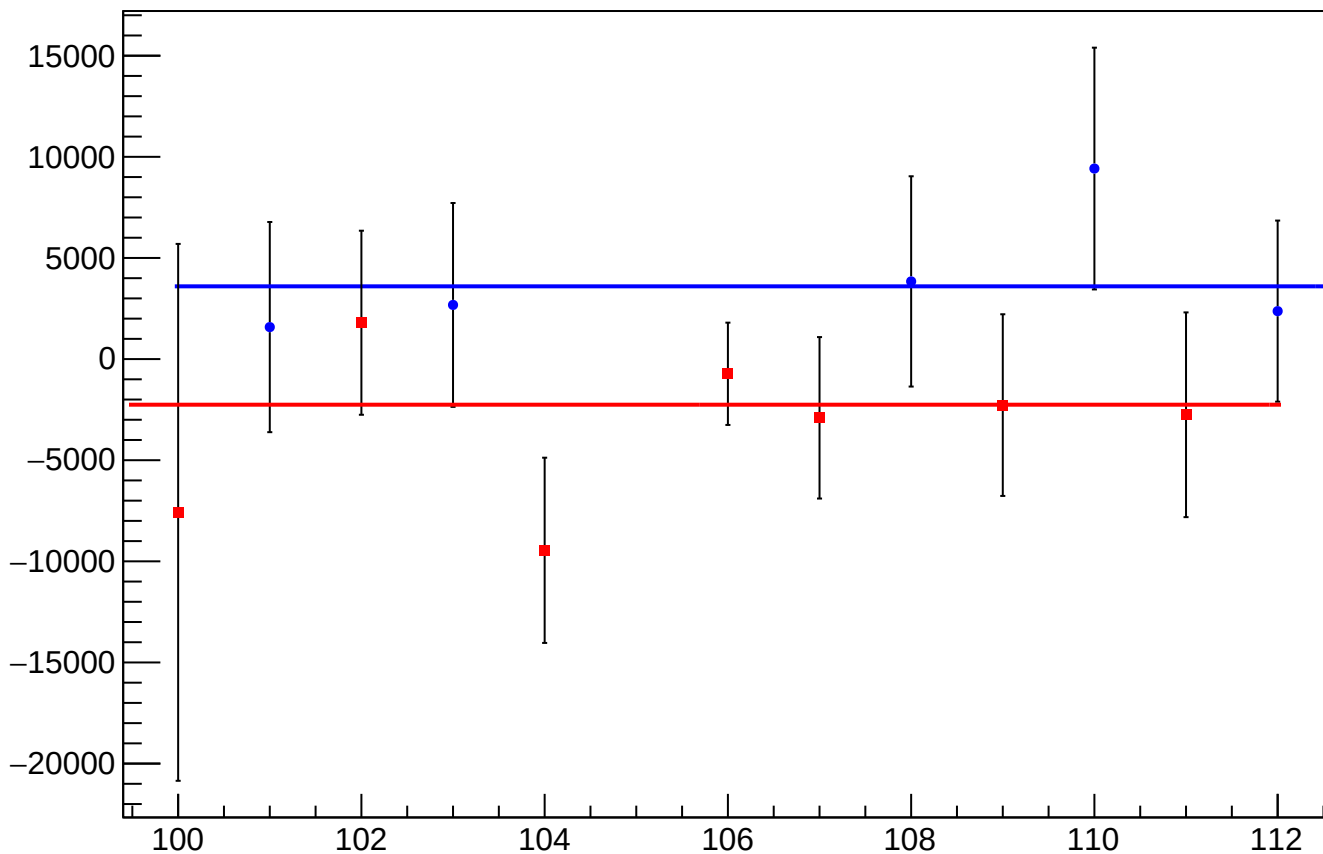
Right: 1345.833+/-0.435 χ^2/NDF : 593662.4/11

In: 1360.317+/-0.638 χ^2/NDF : 472253.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1345.833+/-0.435 χ^2/NDF : 593662.4/11

asym_atl_dd_atr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 3597.067 $\pm$ 2286.429 χ^2 /NDF: 1.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2255.579 $\pm$ 1562.877 χ^2 /NDF: 3.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

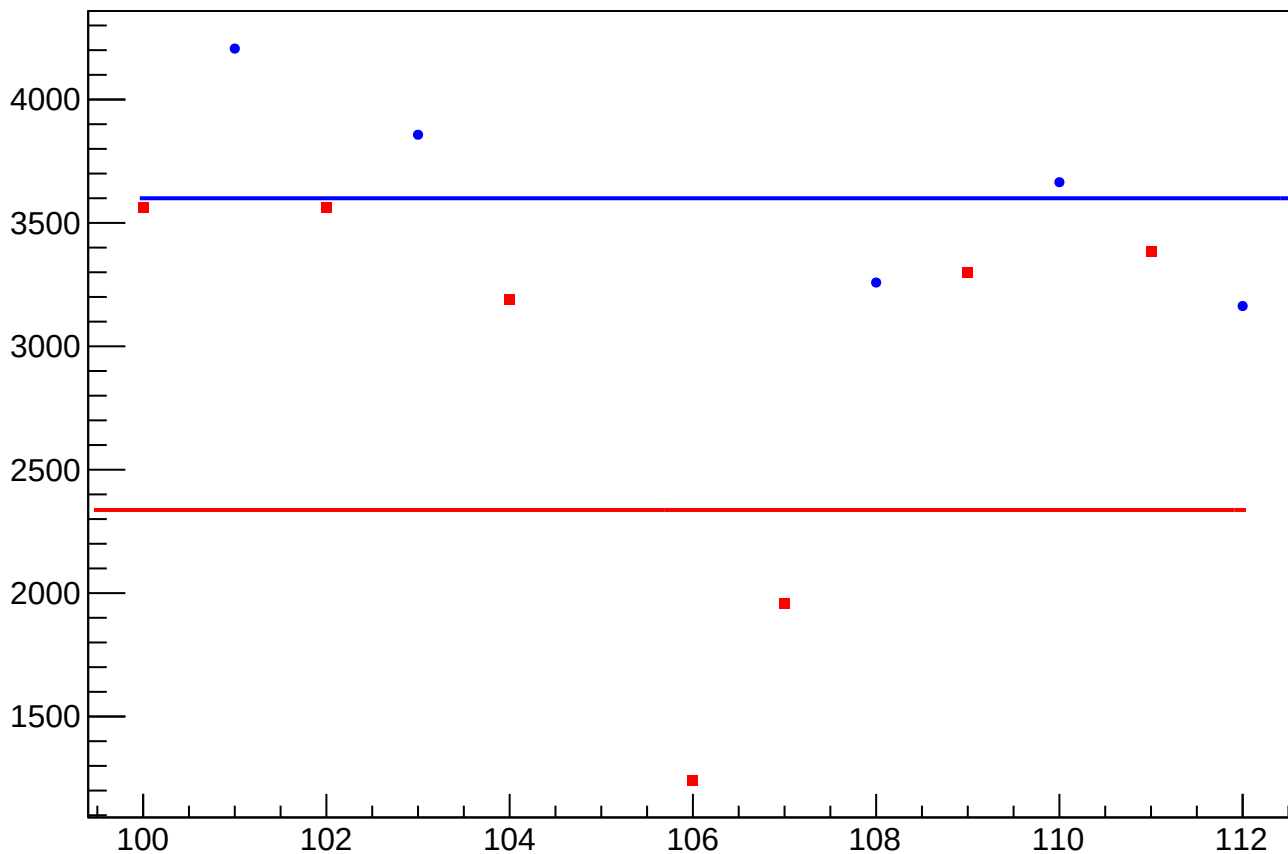
Right: -391.831 $\pm$ 1290.254 χ^2 /NDF: 9.5/11

In: 3597.067 $\pm$ 2286.429 χ^2 /NDF:1.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -391.831 $\pm$ 1290.254 χ^2 /NDF: 9.5/11

asym_atl_dd_atr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3599.934+/-1.617 χ^2/NDF : 60351.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2336.953+/-1.105 χ^2/NDF : 801807.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

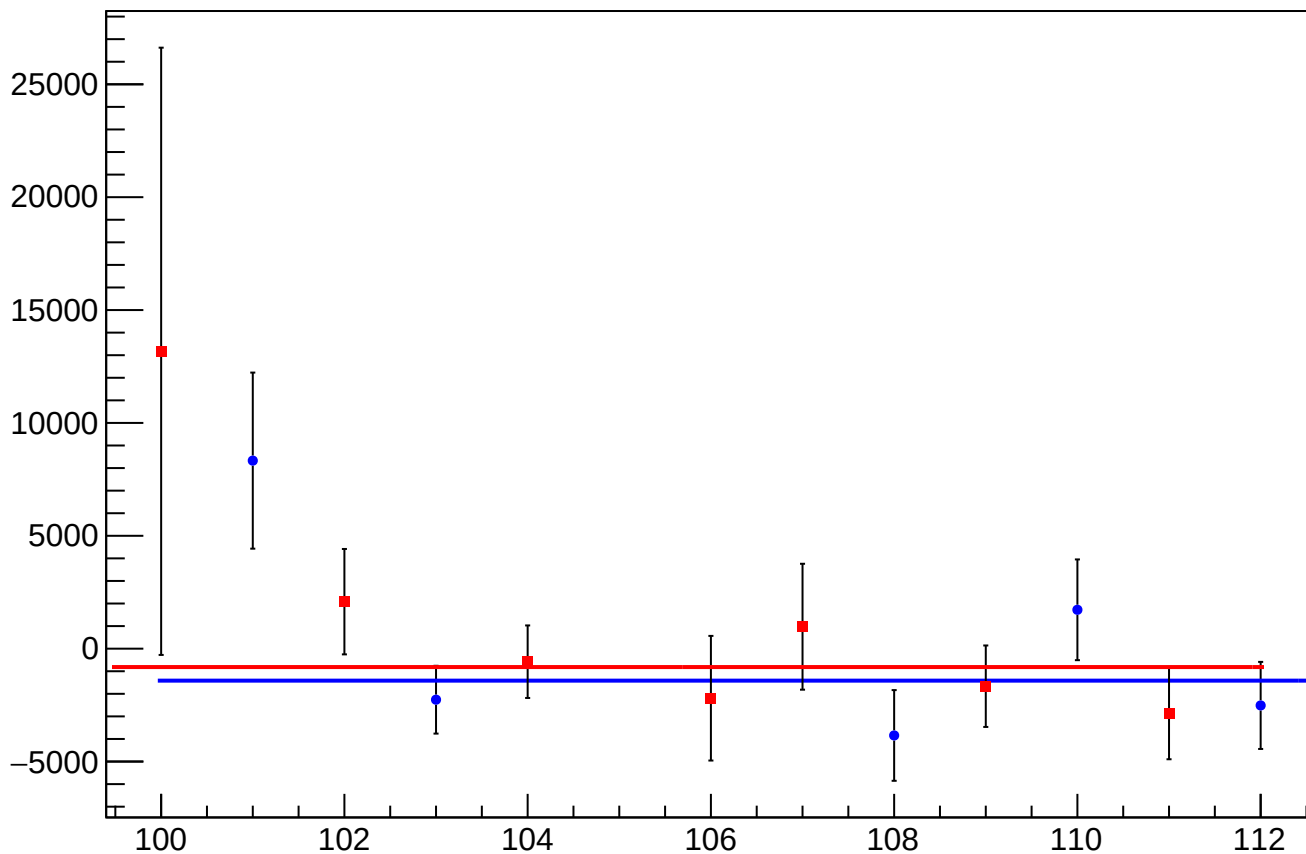
Right: 2739.143+/-0.912 χ^2/NDF : 1278078.0/11

In: 3599.934+/-1.617 χ^2/NDF : 60351.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2739.143+/-0.912 χ^2/NDF : 1278078.0/11

cor_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1416.367+/-902.919 χ^2/NDF : 10.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -814.525+/-850.414 χ^2/NDF : 4.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

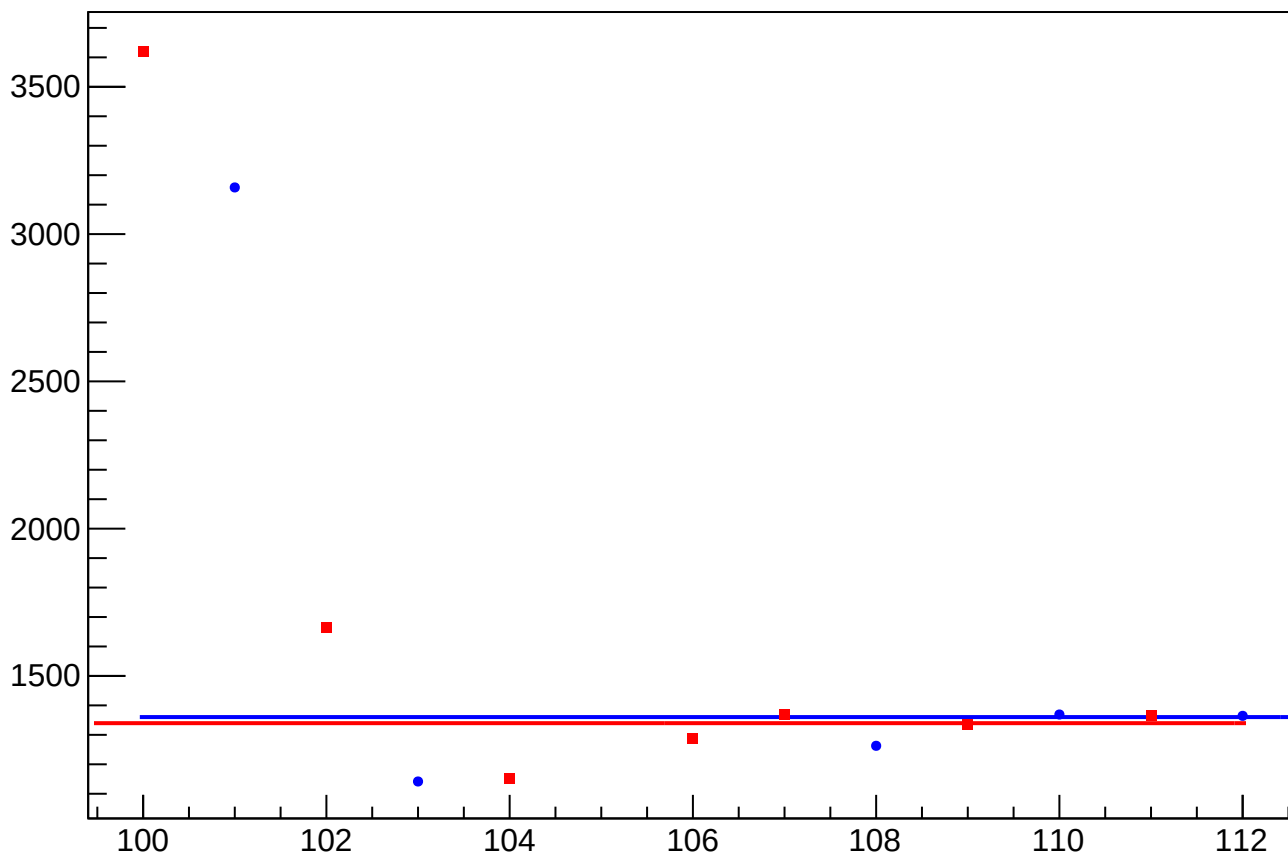
Right: -1097.440+/-619.063 χ^2/NDF : 15.1/11

In: -1416.367+/-902.919 χ^2/NDF : 10.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1097.440+/-619.063 χ^2/NDF : 15.1/11

cor_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1360.316+/-0.638 χ^2/NDF : 472255.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1339.647+/-0.598 χ^2/NDF : 125687.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

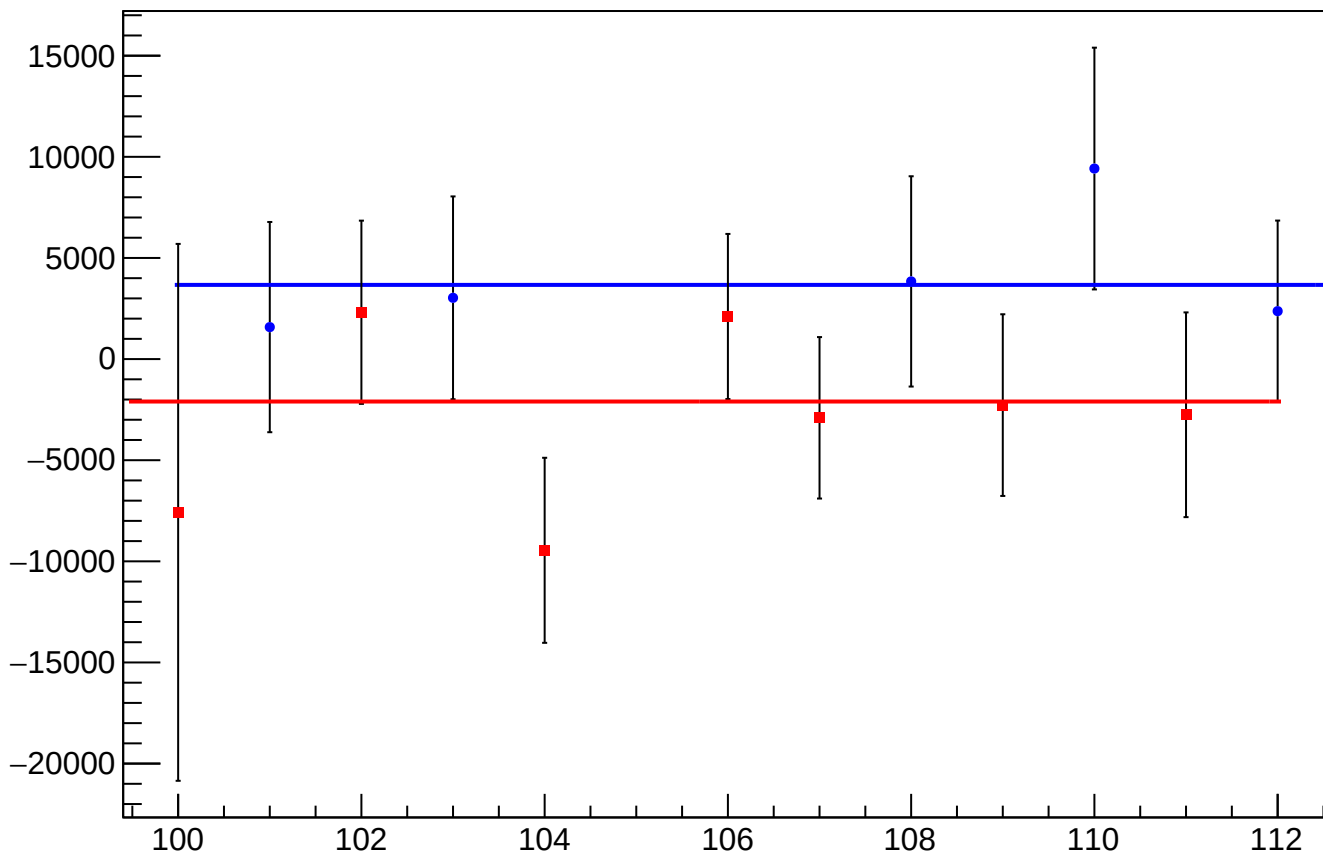
Right: 1349.305+/-0.436 χ^2/NDF : 598501.4/11

In: 1360.316+/-0.638 χ^2/NDF : 472255.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1349.305+/-0.436 χ^2/NDF : 598501.4/11

asym_atl_dd_atr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 3668.066+/-2284.100 χ^2/NDF : 1.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2098.609+/-1785.732 χ^2/NDF : 4.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

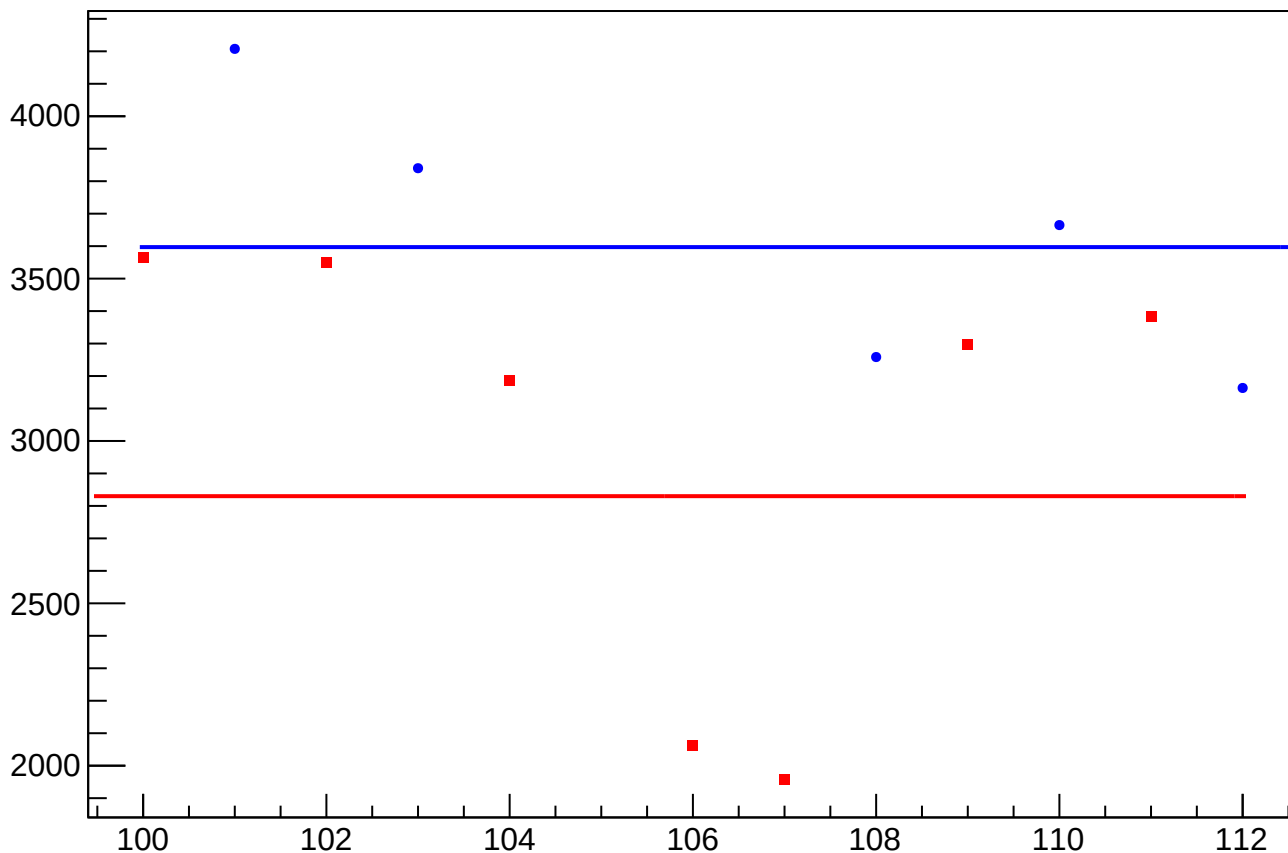
Right: 89.008+/-1406.818 χ^2/NDF : 10.0/11

In: 3668.066+/-2284.100 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.008+/-1406.818 χ^2/NDF : 10.0/11

asym_atl_dd_atr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3597.041+/-1.615 χ^2/NDF : 59803.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2830.030+/-1.263 χ^2/NDF : 281063.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

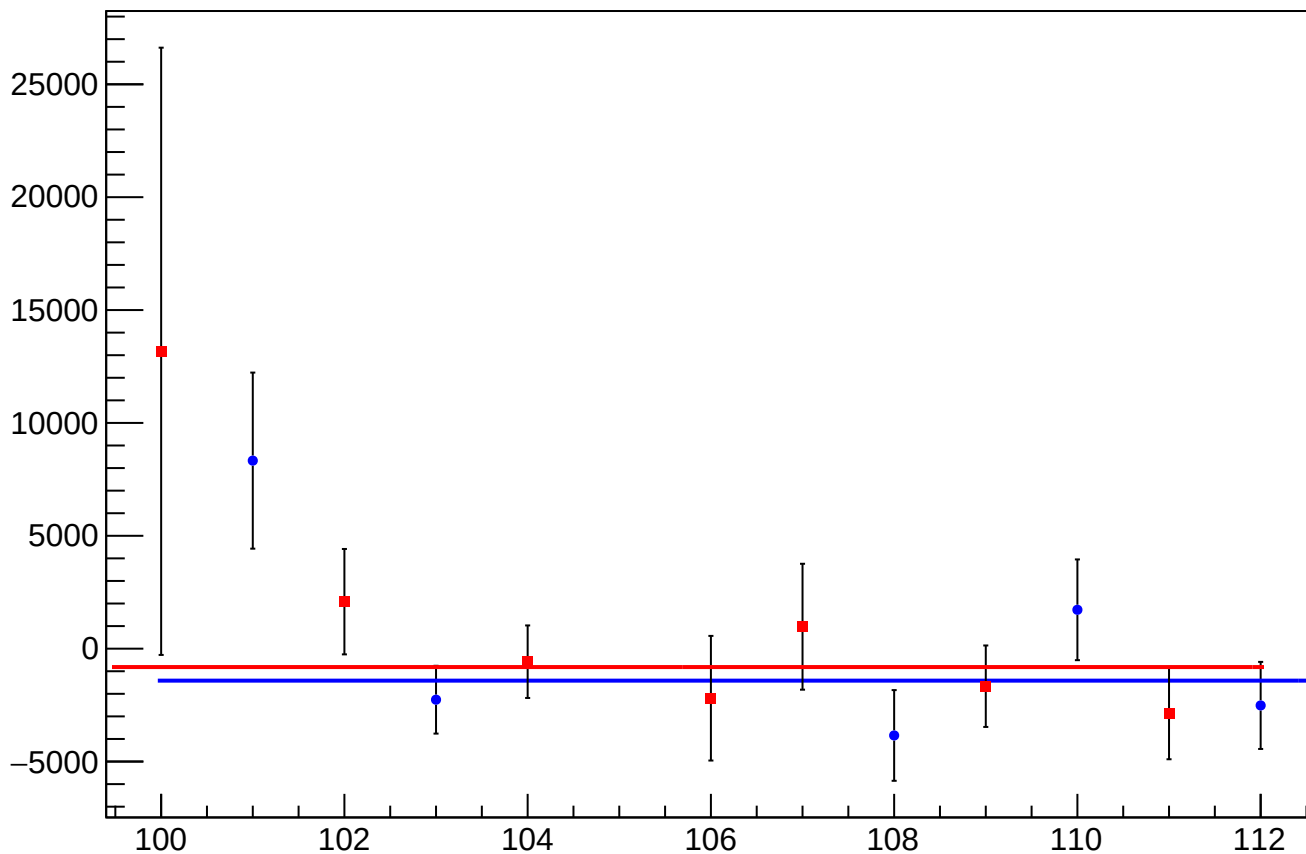
Right: 3121.000+/-0.995 χ^2/NDF : 480840.2/11

In: 3597.041+/-1.615 χ^2/NDF : 59803.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3121.000+/-0.995 χ^2/NDF : 480840.2/11

eigen_cor_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1416.367+/-902.919 χ^2/NDF : 10.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -814.525+/-850.414 χ^2/NDF : 4.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

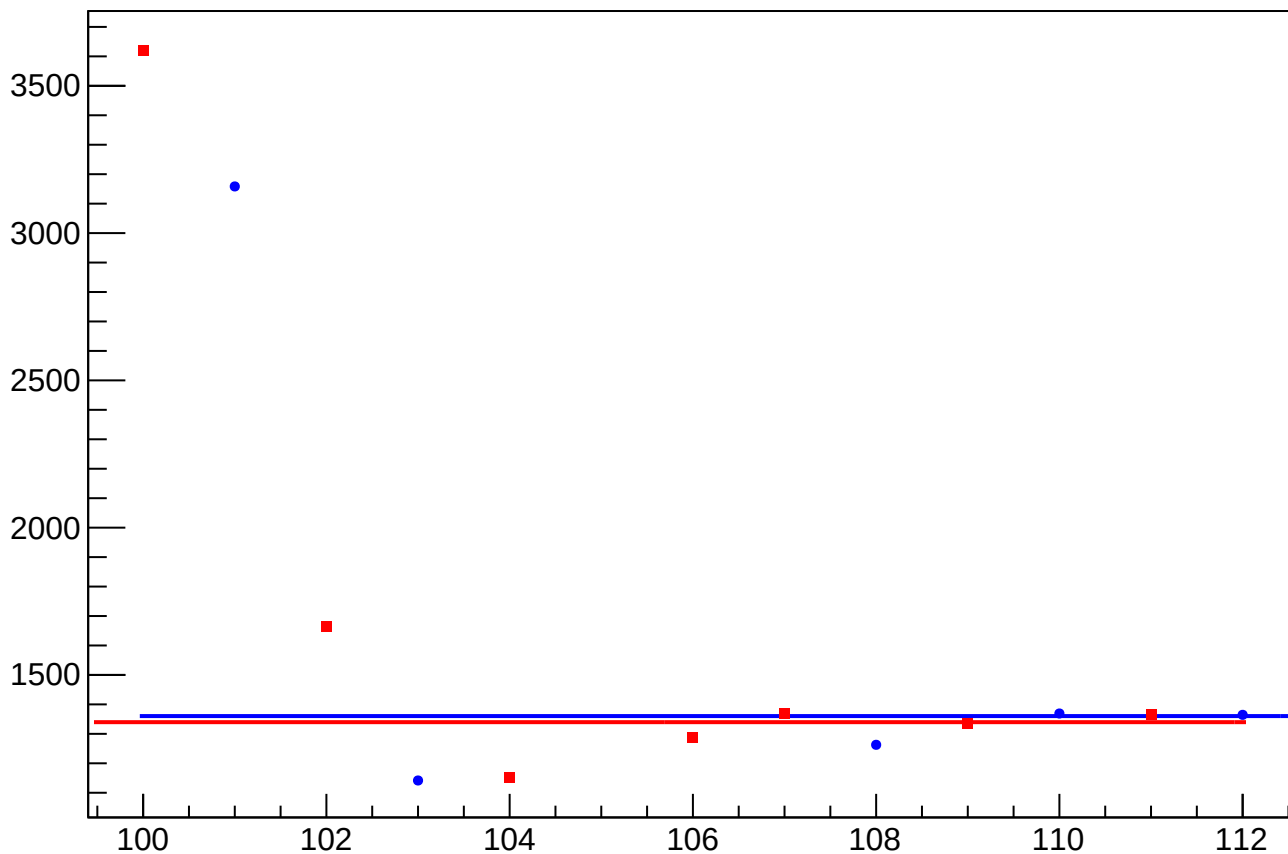
Right: -1097.440+/-619.063 χ^2/NDF : 15.1/11

In: -1416.367+/-902.919 χ^2/NDF : 10.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1097.440+/-619.063 χ^2/NDF : 15.1/11

eigen_cor_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1360.316+/-0.638 χ^2/NDF : 472255.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1339.647+/-0.598 χ^2/NDF : 125687.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

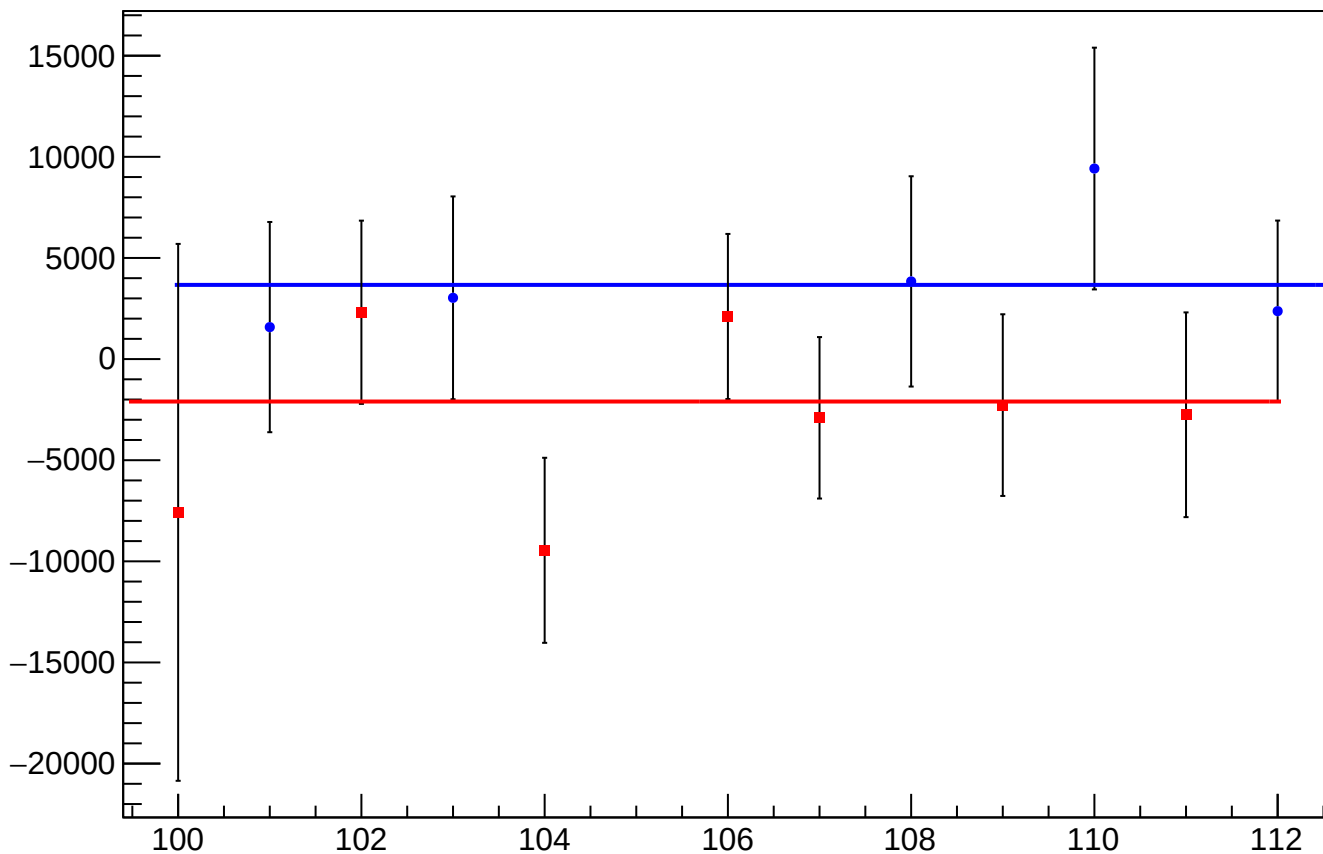
Right: 1349.305+/-0.436 χ^2/NDF : 598501.4/11

In: 1360.316+/-0.638 χ^2/NDF : 472255.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1349.305+/-0.436 χ^2/NDF : 598501.4/11

asym_atl_dd_atr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 3668.066+/-2284.100 χ^2/NDF : 1.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2098.609+/-1785.732 χ^2/NDF : 4.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

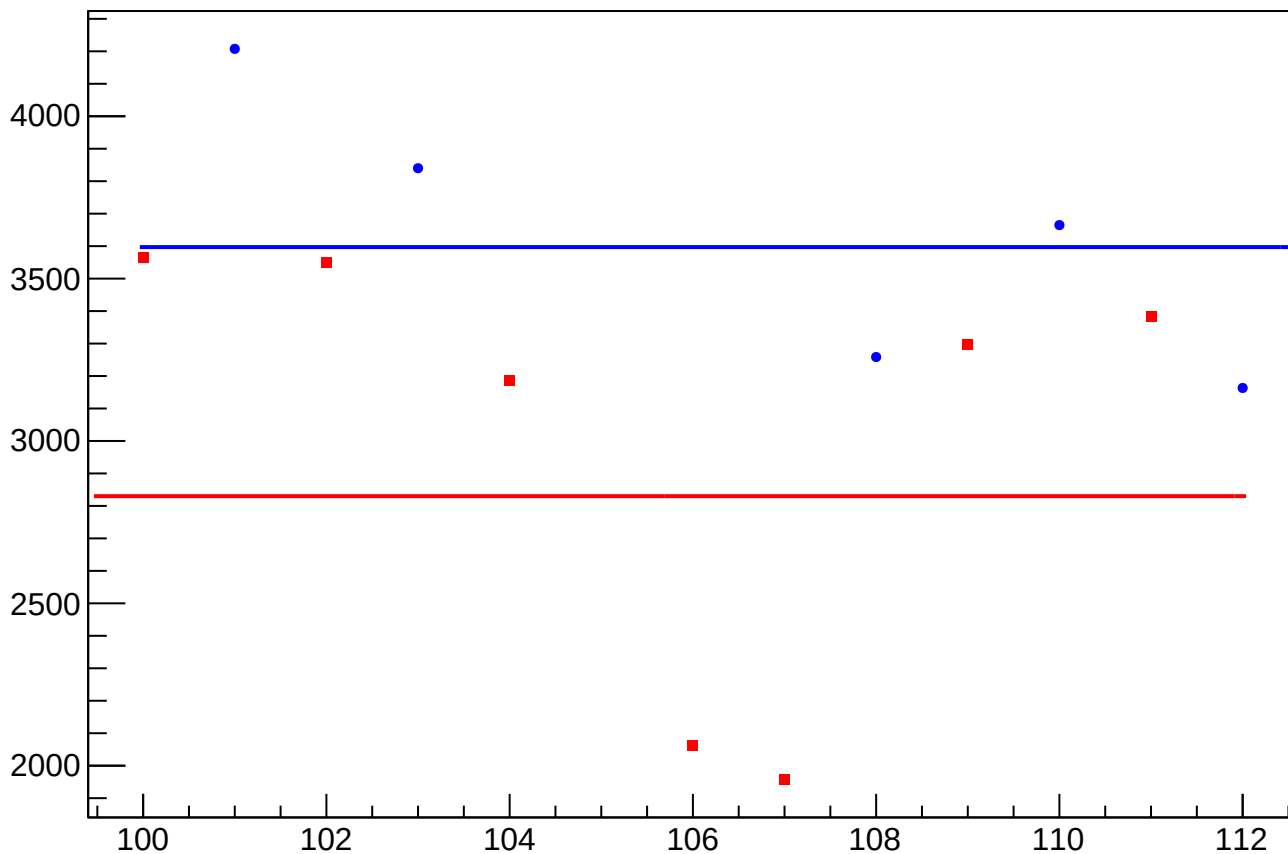
Right: 89.008+/-1406.818 χ^2/NDF : 10.0/11

In: 3668.066+/-2284.100 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.008+/-1406.818 χ^2/NDF : 10.0/11

asym_atl_dd_atr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3597.041+/-1.615 χ^2/NDF : 59803.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2830.030+/-1.263 χ^2/NDF : 281063.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

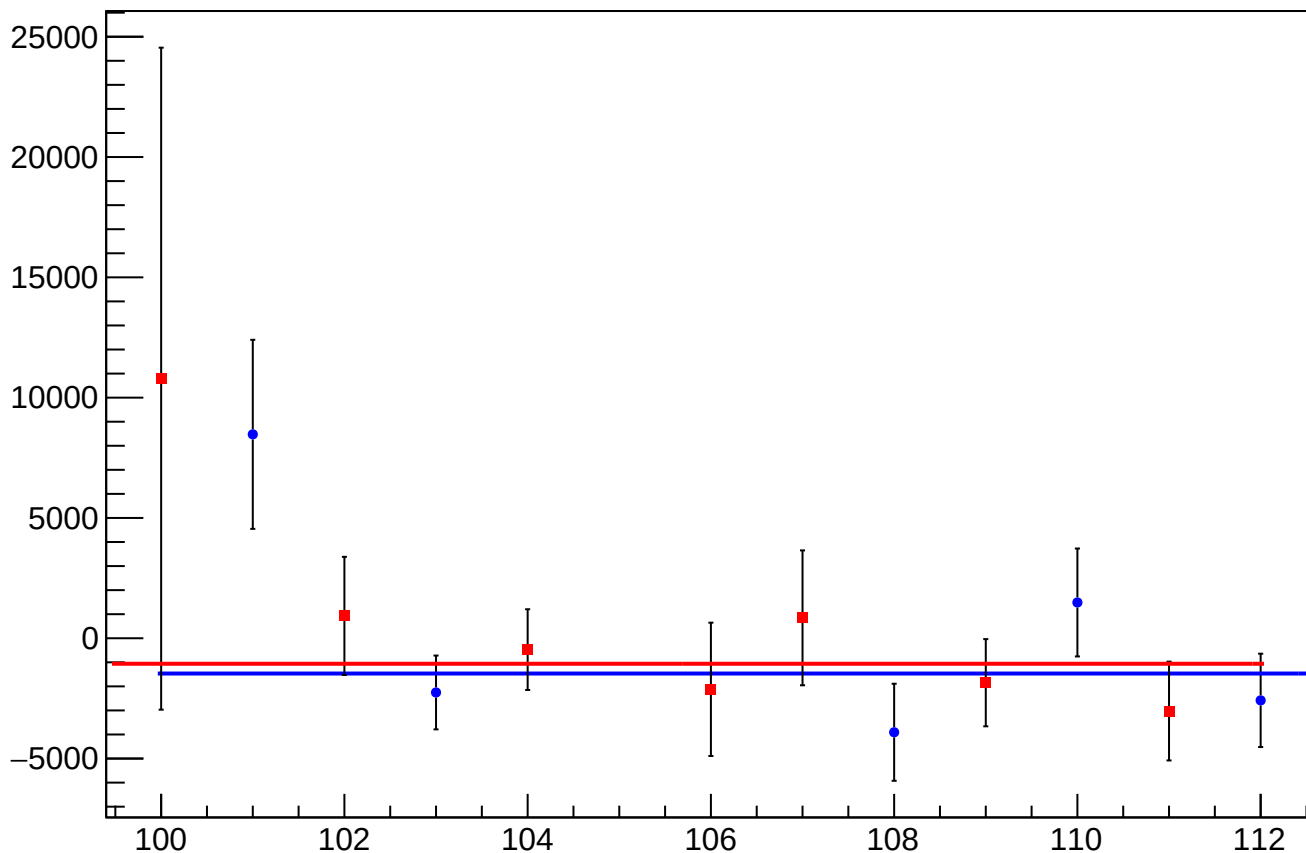
Right: 3121.000+/-0.995 χ^2/NDF : 480840.2/11

In: 3597.041+/-1.615 χ^2/NDF : 59803.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3121.000+/-0.995 χ^2/NDF : 480840.2/11

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1466.101+/-912.879 χ^2/NDF : 10.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1059.957+/-868.507 χ^2/NDF : 3.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

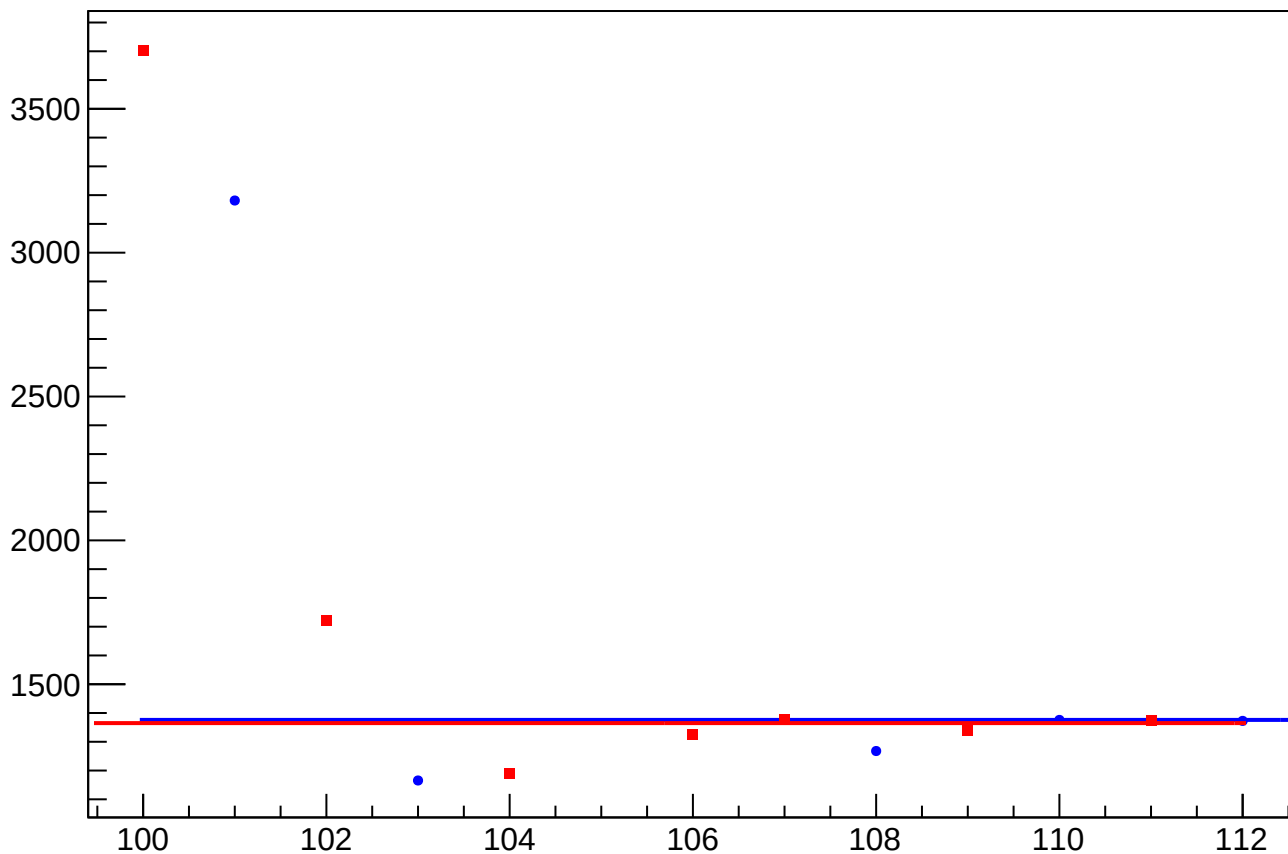
Right: -1252.919+/-629.229 χ^2/NDF : 13.5/11

In: -1466.101+/-912.879 χ^2/NDF : 10.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1252.919+/-629.229 χ^2/NDF : 13.5/11

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1375.999+/-0.646 χ^2/NDF : 465624.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1364.880+/-0.613 χ^2/NDF : 122467.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

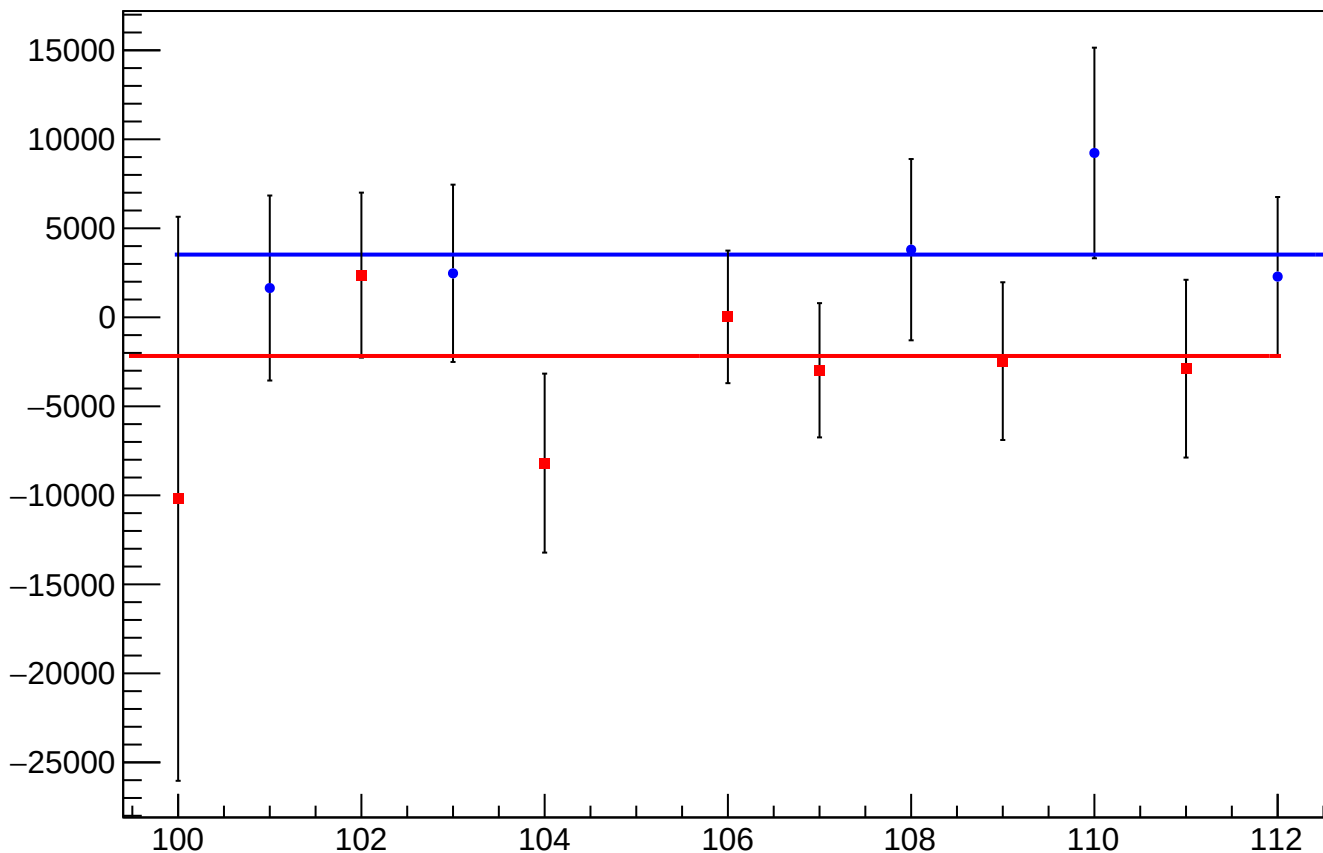
Right: 1370.150+/-0.444 χ^2/NDF : 588248.2/11

In: 1375.999+/-0.646 χ^2/NDF : 465624.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1370.150+/-0.444 χ^2/NDF : 588248.2/11

asym_atl_dd_atr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 3523.630+/-2267.241 χ^2/NDF : 1.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2171.457+/-1757.715 χ^2/NDF : 3.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

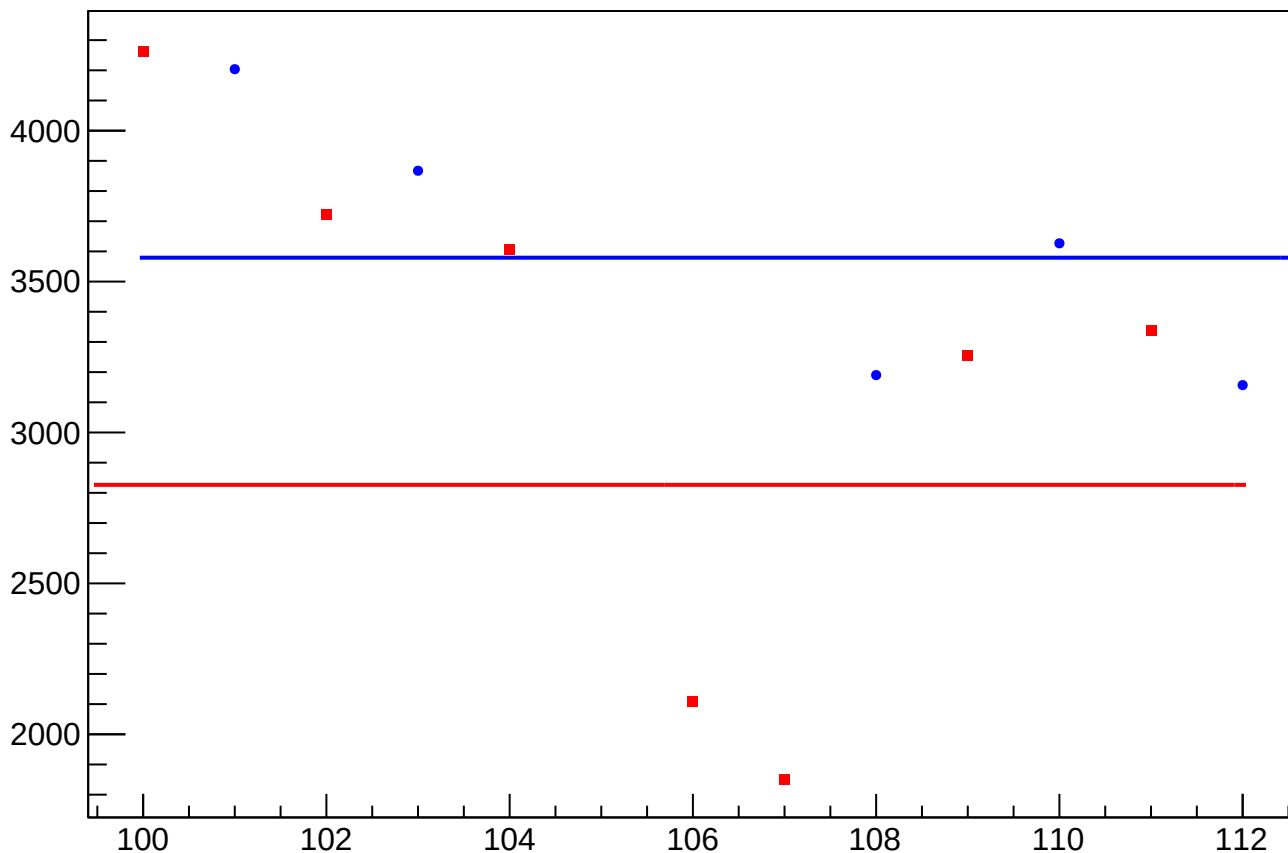
Right: -33.493+/-1389.146 χ^2/NDF : 8.2/11

In: 3523.630+/-2267.241 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.493+/-1389.146 χ^2/NDF : 8.2/11

asym_atl_dd_atr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3579.136+/-1.603 χ^2/NDF : 65221.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2826.434+/-1.243 χ^2/NDF : 388011.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

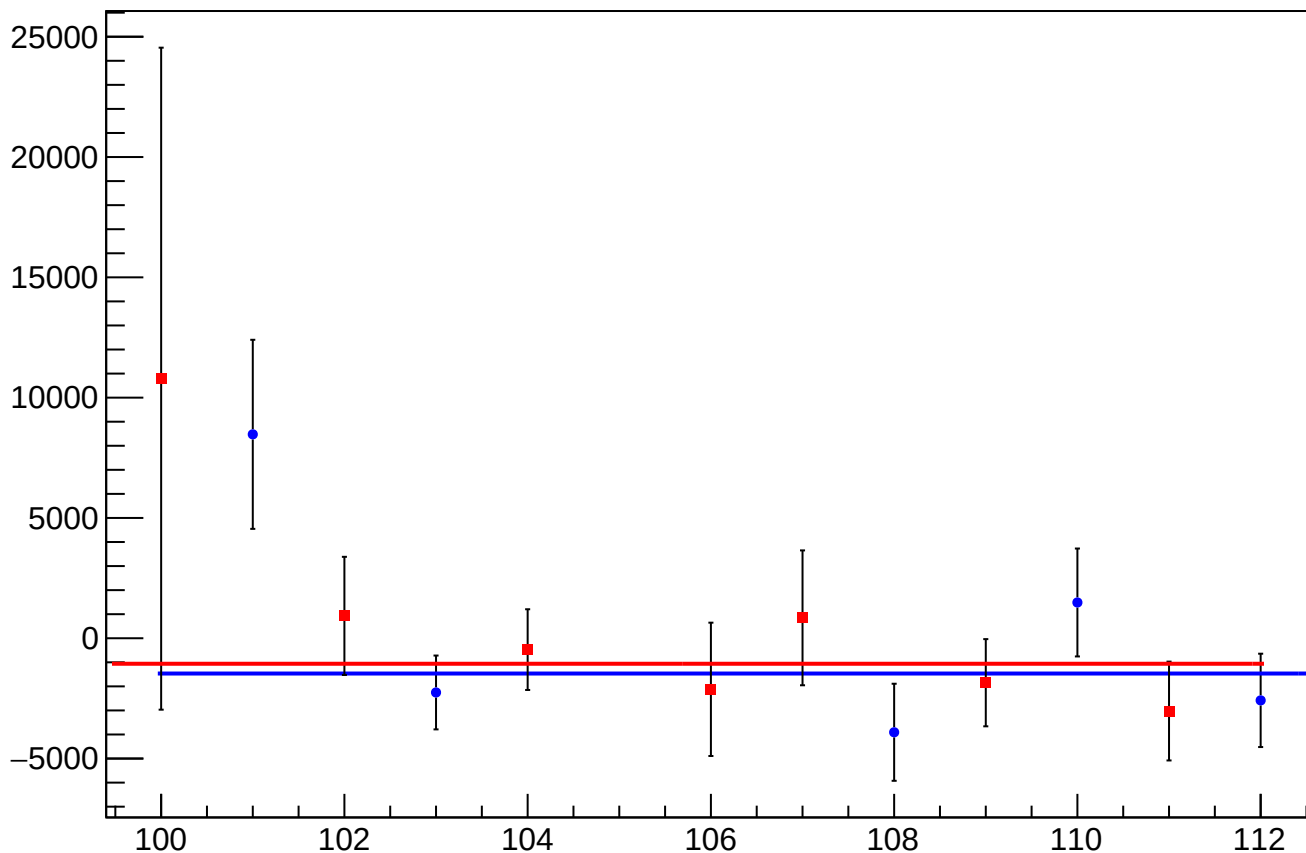
Right: 3109.002+/-0.982 χ^2/NDF : 590915.3/11

In: 3579.136+/-1.603 χ^2/NDF : 65221.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3109.002+/-0.982 χ^2/NDF : 590915.3/11

eigen_dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1466.108+/-912.879 χ^2/NDF : 10.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1059.963+/-868.507 χ^2/NDF : 3.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

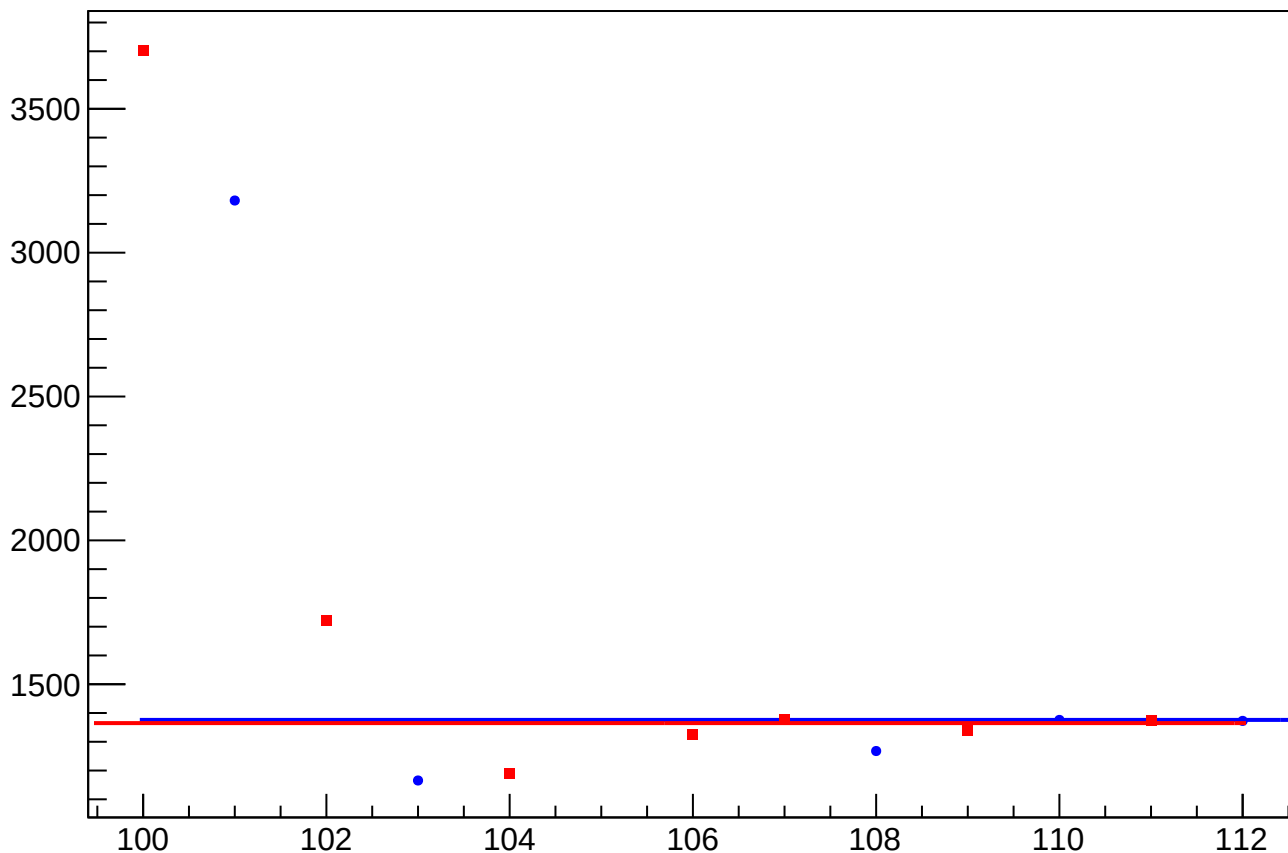
Right: -1252.925+/-629.229 χ^2/NDF : 13.5/11

In: -1466.108+/-912.879 χ^2/NDF : 10.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1252.925+/-629.229 χ^2/NDF : 13.5/11

eigen_dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1375.999+/-0.646 χ^2/NDF : 465624.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1364.881+/-0.613 χ^2/NDF : 122467.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

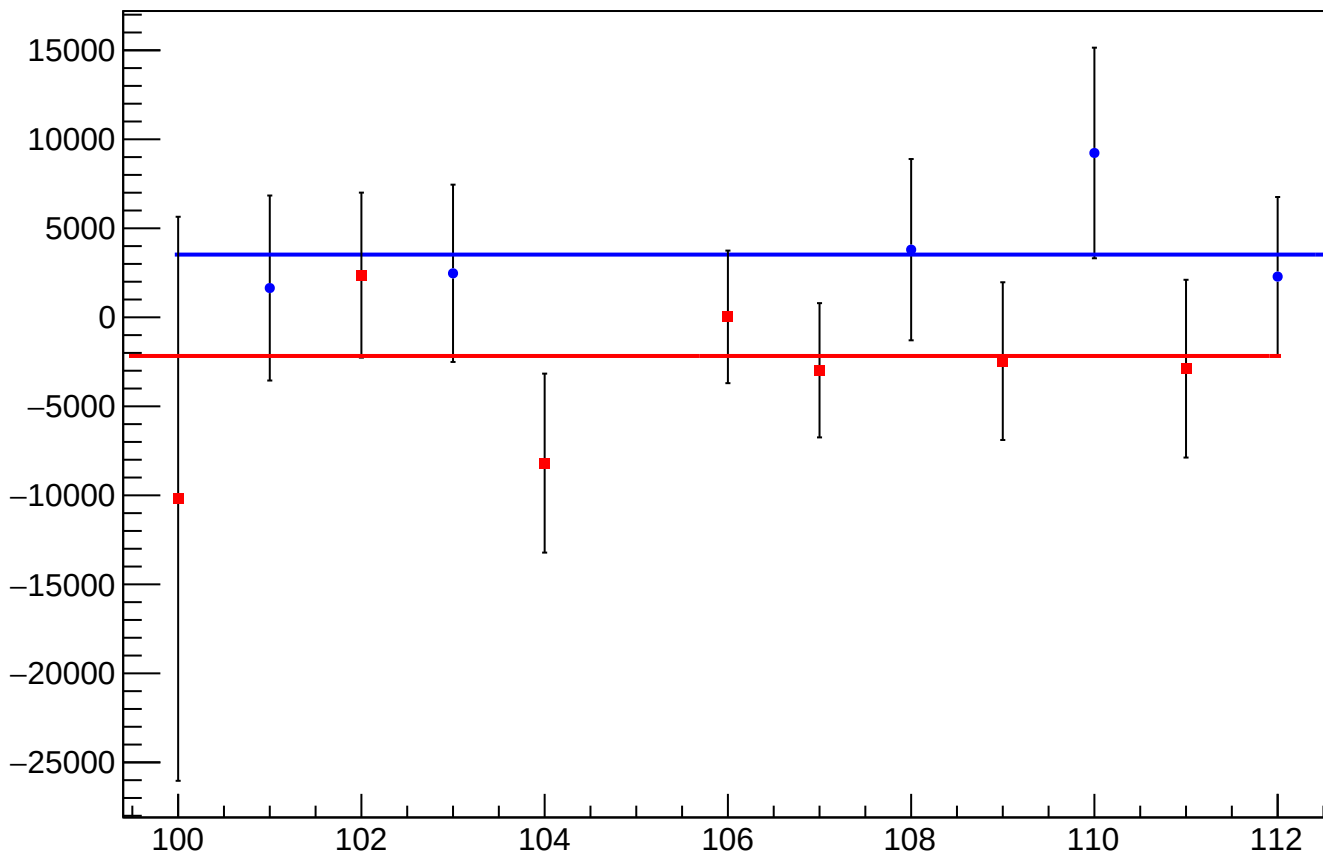
Right: 1370.150+/-0.444 χ^2/NDF : 588248.3/11

In: 1375.999+/-0.646 χ^2/NDF : 465624.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1370.150+/-0.444 χ^2/NDF : 588248.3/11

asym_atl_dd_atr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 3523.628 $\pm$ 2267.238 χ^2 /NDF: 1.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2171.462 $\pm$ 1757.712 χ^2 /NDF: 3.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

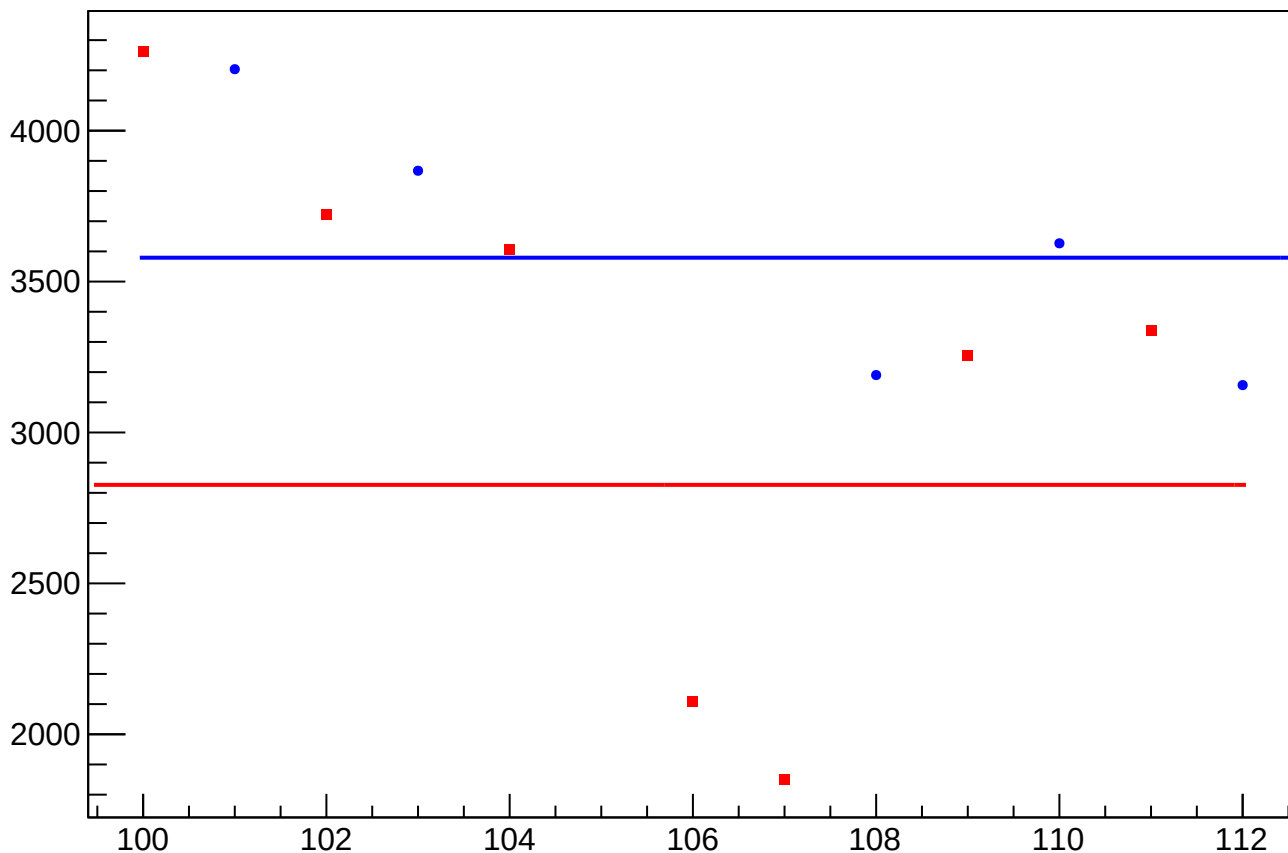
Right: -33.498 $\pm$ 1389.143 χ^2 /NDF: 8.2/11

In: 3523.628 $\pm$ 2267.238 χ^2 /NDF:1.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -33.498 $\pm$ 1389.143 χ^2 /NDF: 8.2/11

asym_atl_dd_atr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3579.131+/-1.603 χ^2/NDF : 65222.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2826.429+/-1.243 χ^2/NDF : 388014.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

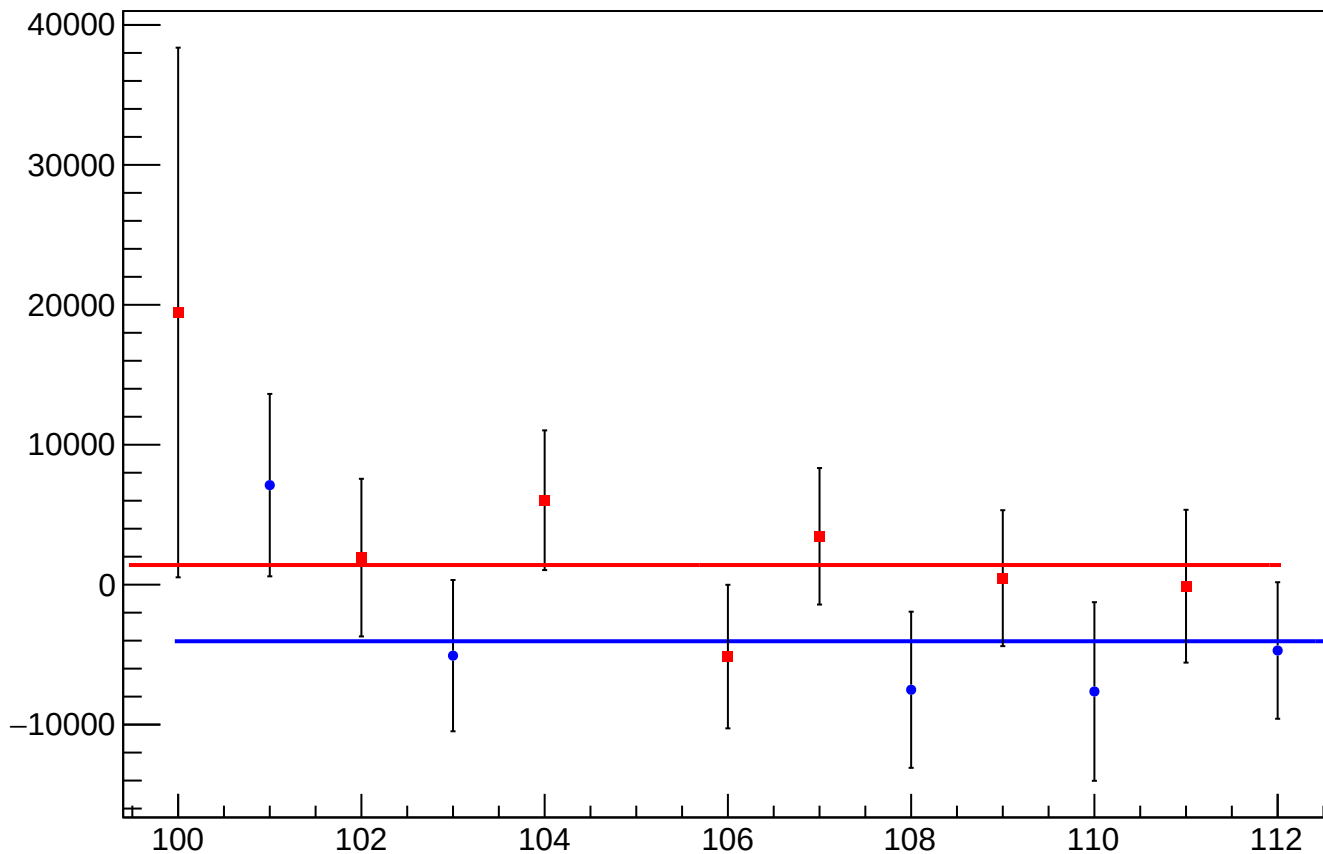
Right: 3108.997+/-0.982 χ^2/NDF : 590919.4/11

In: 3579.131+/-1.603 χ^2/NDF : 65222.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3108.997+/-0.982 χ^2/NDF : 590919.4/11

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -4042.931+/-2528.329 χ^2/NDF : 3.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1403.613+/-2083.182 χ^2/NDF : 3.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

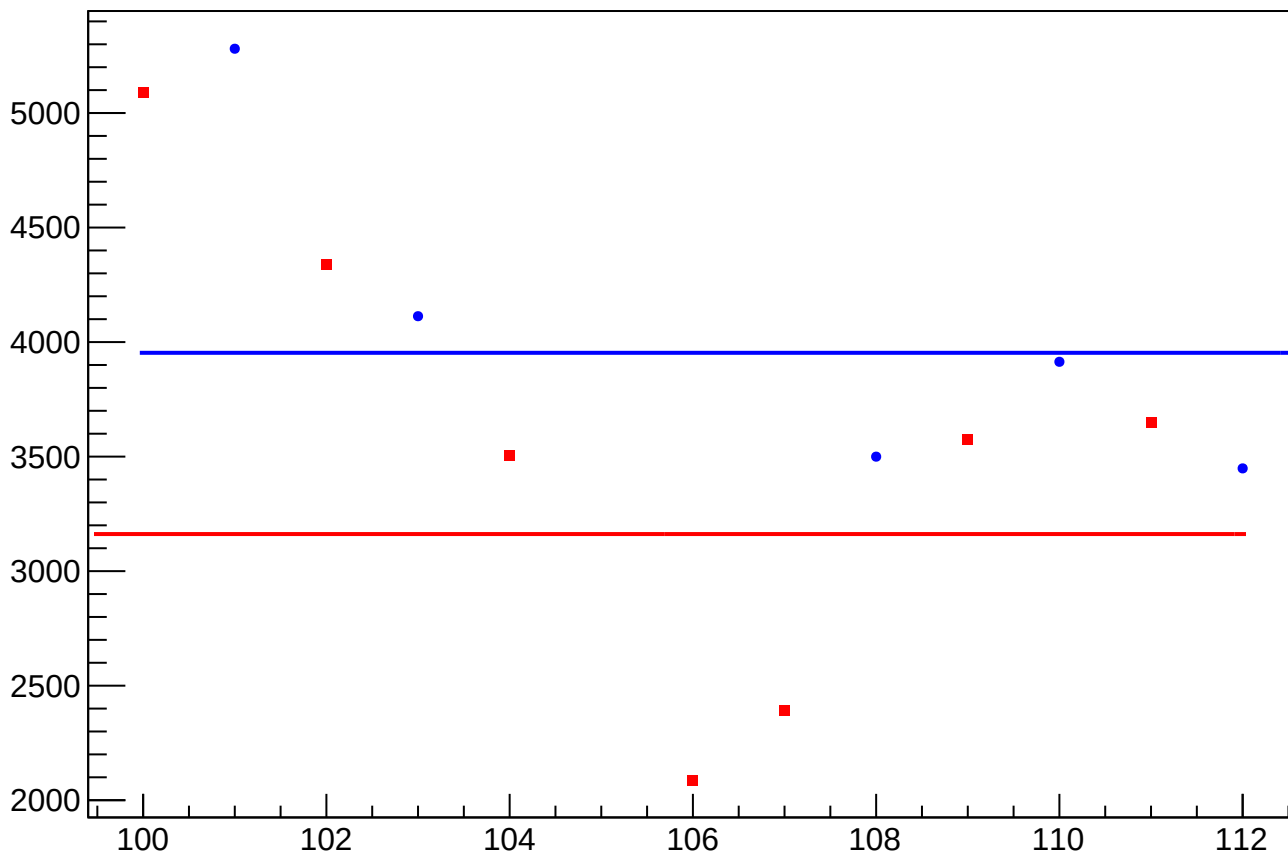
Right: -798.761+/-1607.750 χ^2/NDF : 10.1/11

In: -4042.931+/-2528.329 χ^2/NDF : 3.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -798.761+/-1607.750 χ^2/NDF : 10.1/11

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3953.175+/-1.788 χ^2/NDF : 119376.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3161.942+/-1.426 χ^2/NDF : 320884.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

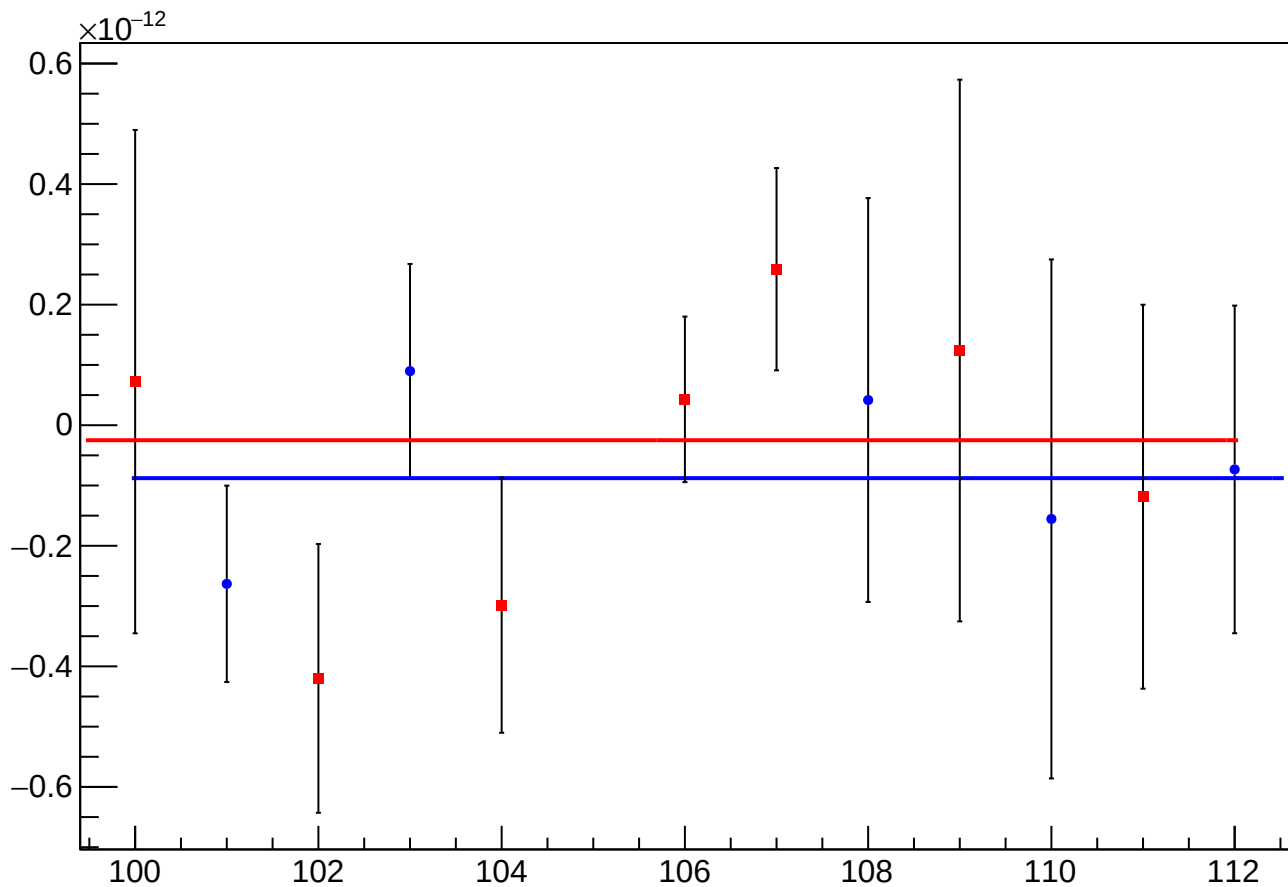
Right: 3469.501+/-1.115 χ^2/NDF : 560002.1/11

In: 3953.175+/-1.788 χ^2/NDF : 119376.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3469.501+/-1.115 χ^2/NDF : 560002.1/11

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

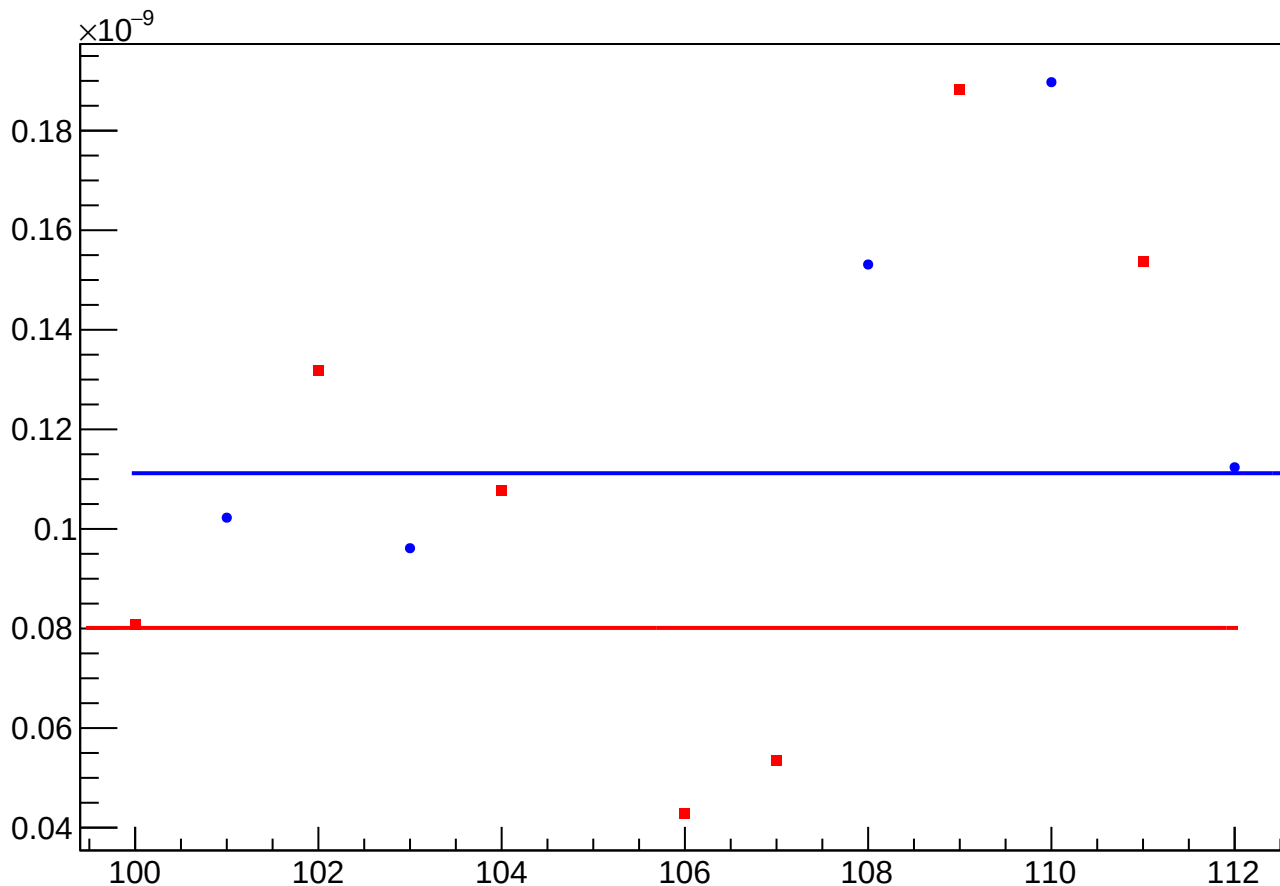
Right: -0.000+/-0.000 χ^2/NDF : 10.7/11

In: -0.000+/-0.000 χ^2/NDF : 2.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.7/11

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 118302.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 561669.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

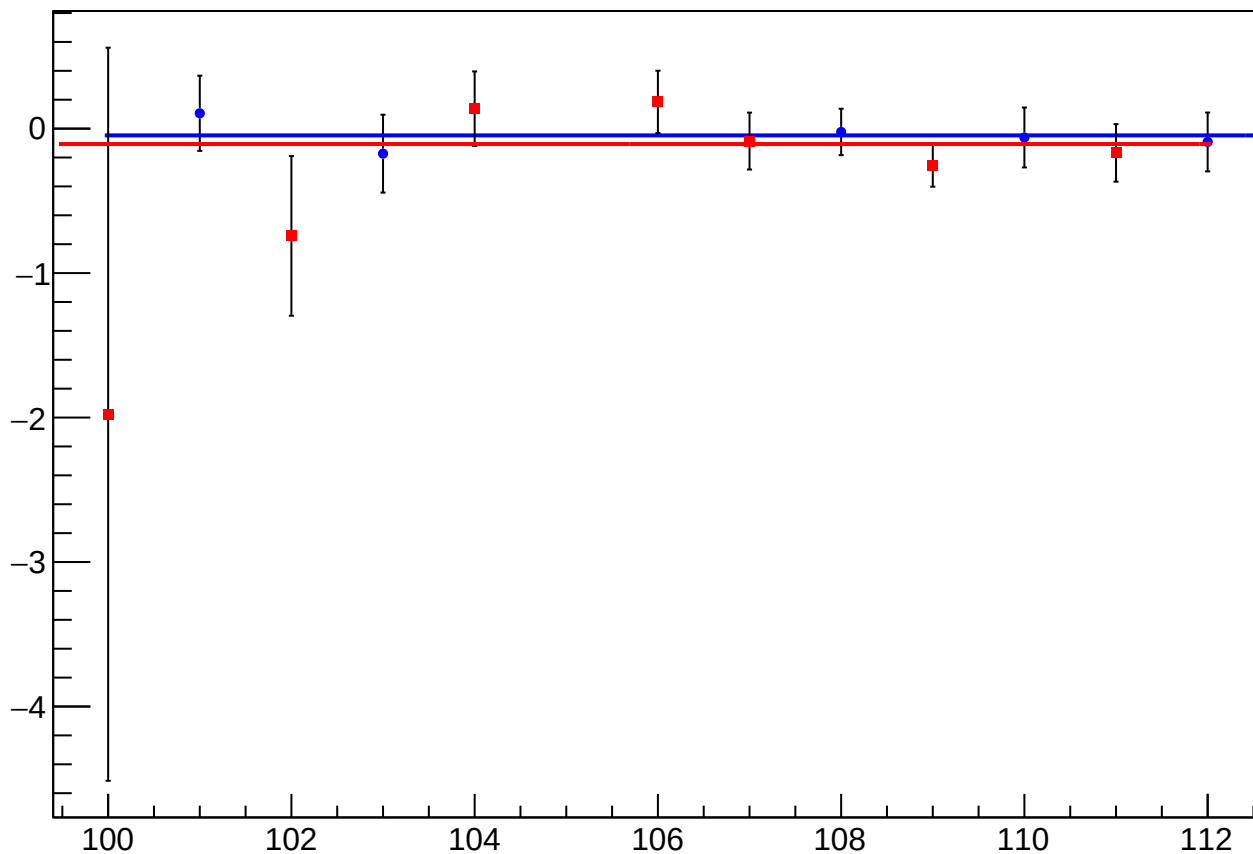
Right: 0.000+/-0.000 χ^2/NDF : 794321.9/11

In: 0.000+/-0.000 χ^2/NDF : 118302.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 794321.9/11

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.047 ± 0.093 χ^2/NDF : 0.6/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.107 ± 0.086 χ^2/NDF : 5.7/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

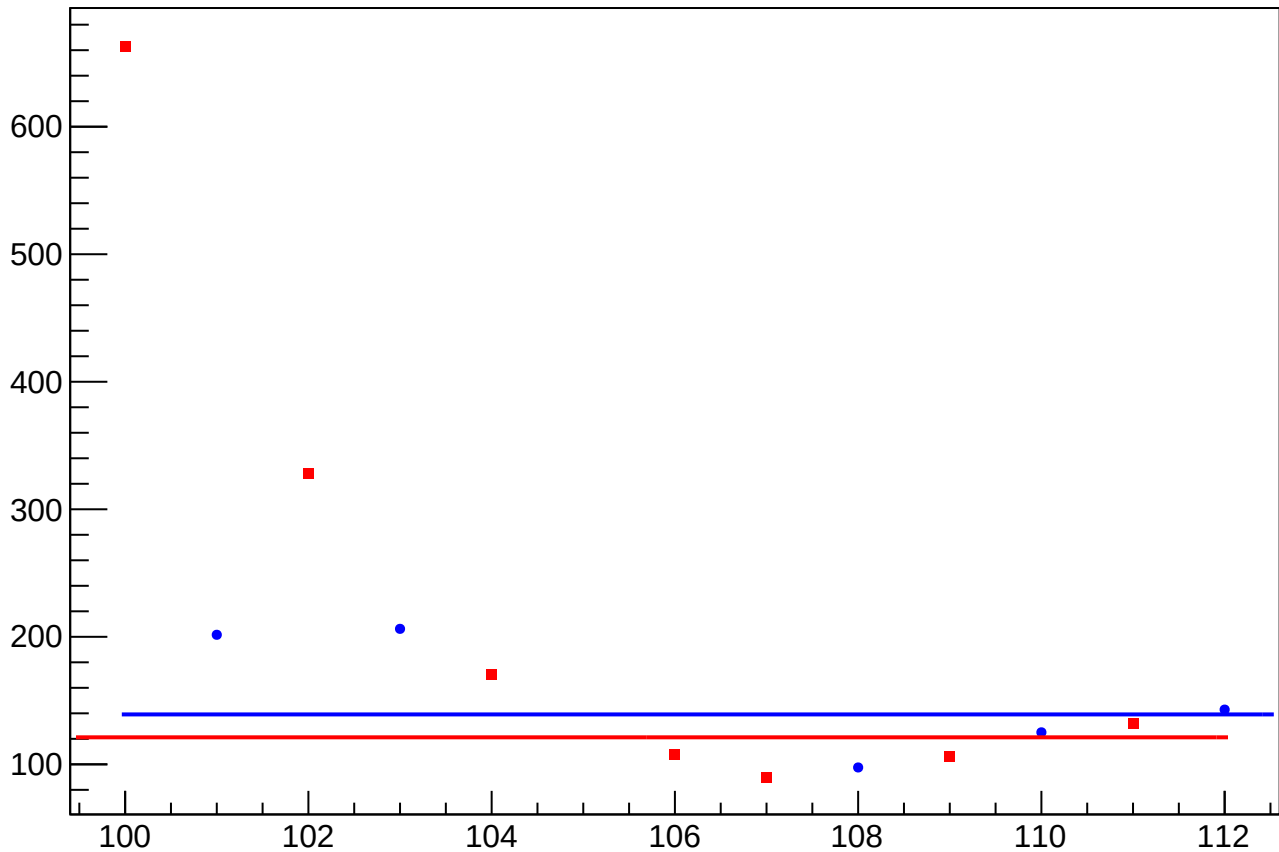
Right: -0.079 ± 0.063 χ^2/NDF : 6.5/11

In: -0.047 ± 0.093 χ^2/NDF : 0.6/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.079 ± 0.063 χ^2/NDF : 6.5/11

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.147+/-0.066 χ^2/NDF : 383175.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.185+/-0.061 χ^2/NDF : 530053.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

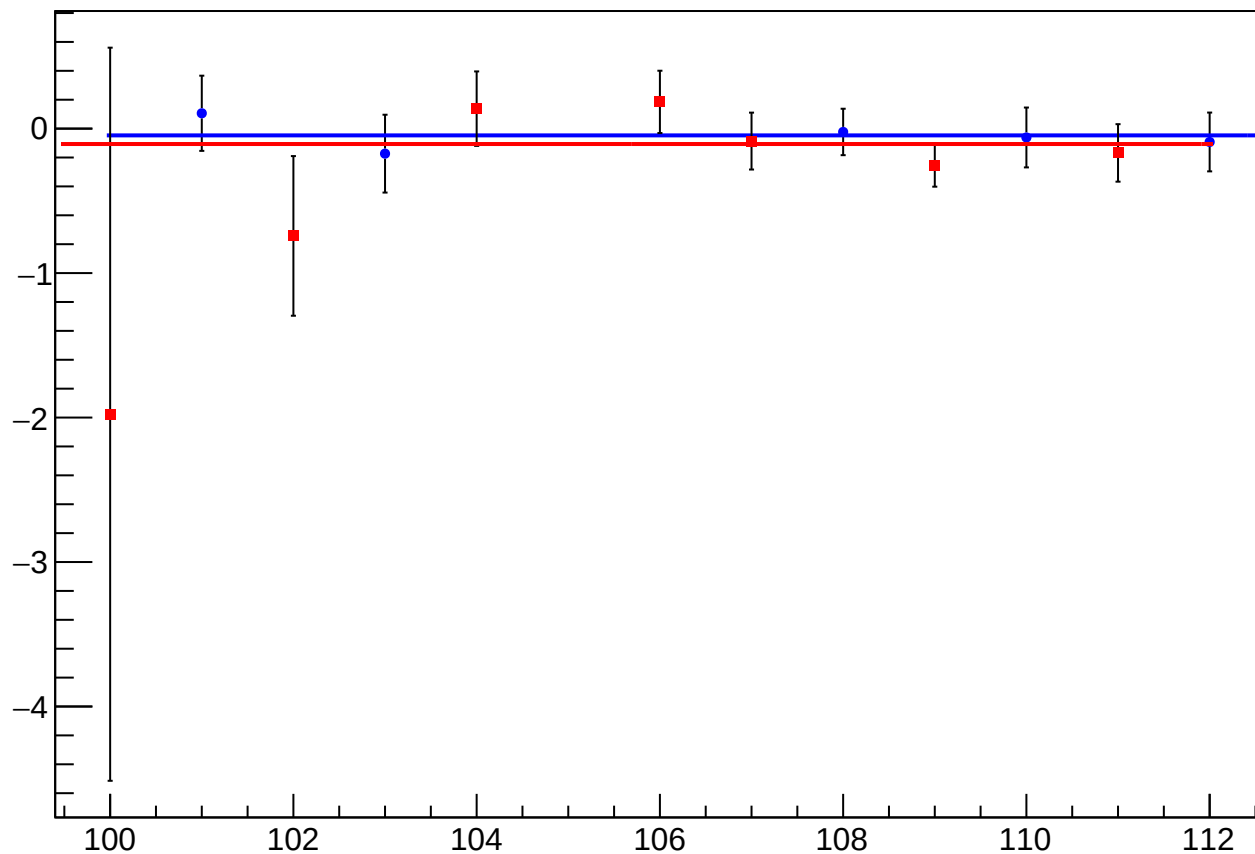
Right: 129.406+/-0.045 χ^2/NDF : 953370.4/11

In: 139.147+/-0.066 χ^2/NDF : 383175.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.406+/-0.045 χ^2/NDF : 953370.4/11

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.047 ± 0.093 $\chi^2/\text{NDF}: 0.6/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.107 ± 0.086 $\chi^2/\text{NDF}: 5.7/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

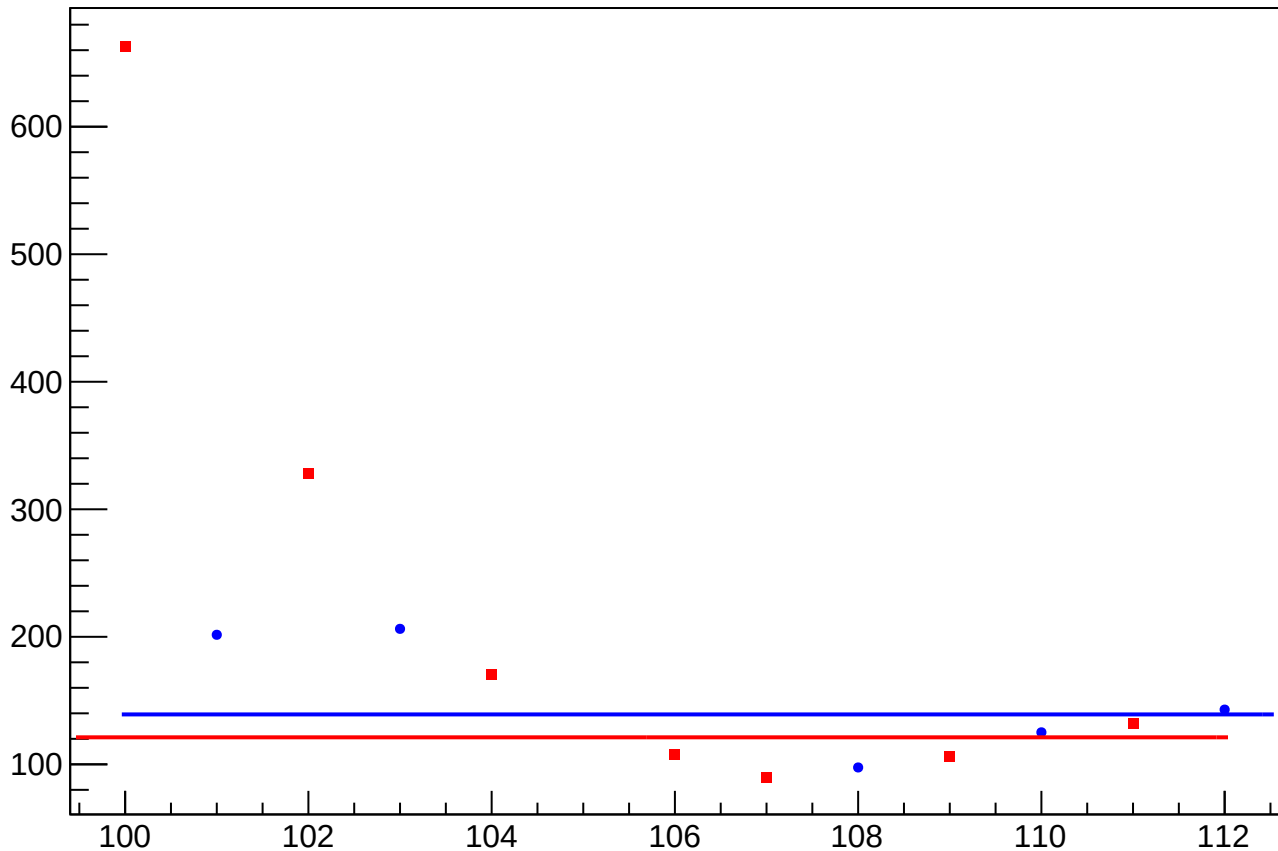
Right: -0.079 ± 0.063 $\chi^2/\text{NDF}: 6.5/11$

In: -0.047 ± 0.093 $\chi^2/\text{NDF}: 0.6/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.079 ± 0.063 $\chi^2/\text{NDF}: 6.5/11$

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.147+/-0.066 χ^2/NDF : 383175.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.185+/-0.061 χ^2/NDF : 530053.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

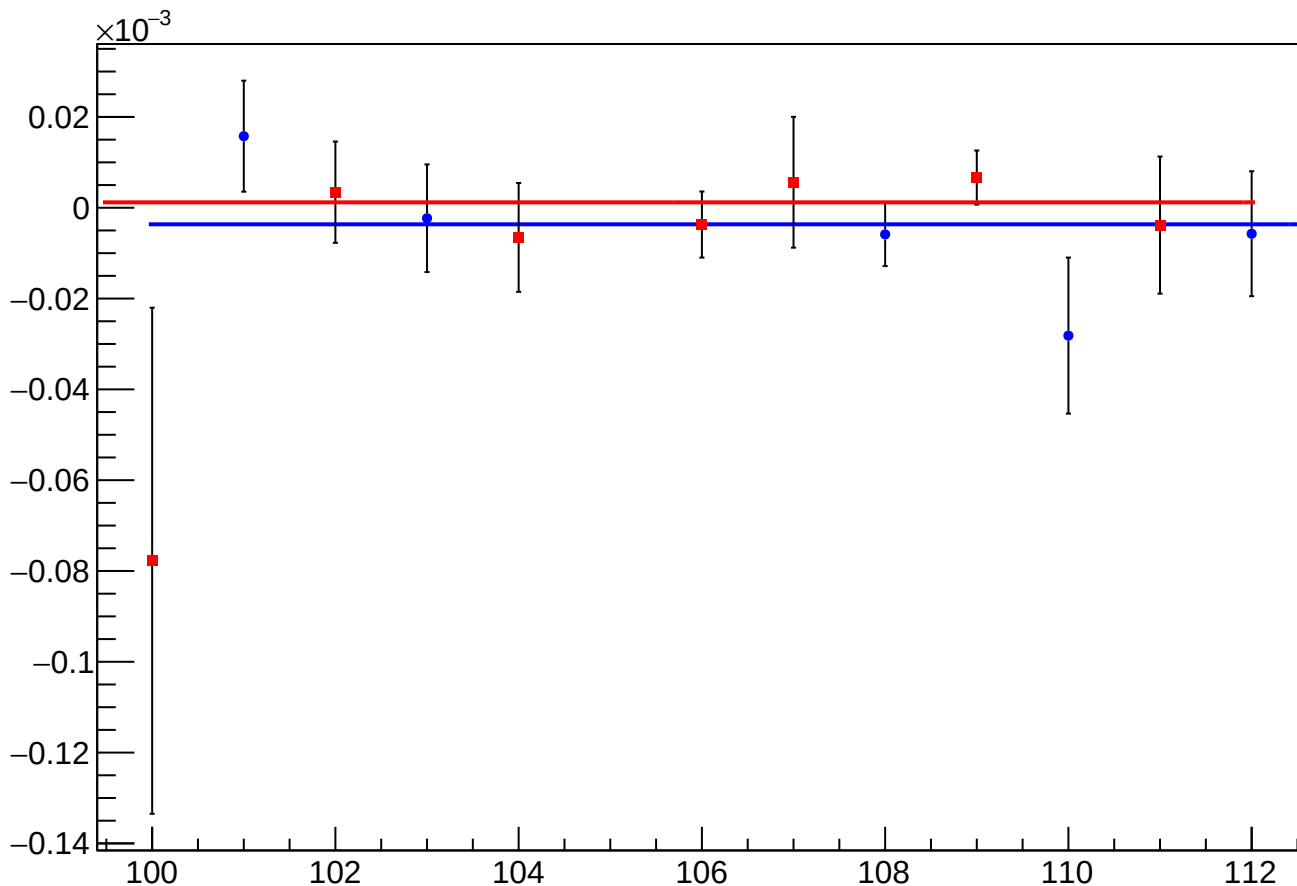
Right: 129.406+/-0.045 χ^2/NDF : 953370.4/11

In: 139.147+/-0.066 χ^2/NDF : 383175.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.406+/-0.045 χ^2/NDF : 953370.4/11

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 : 4.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

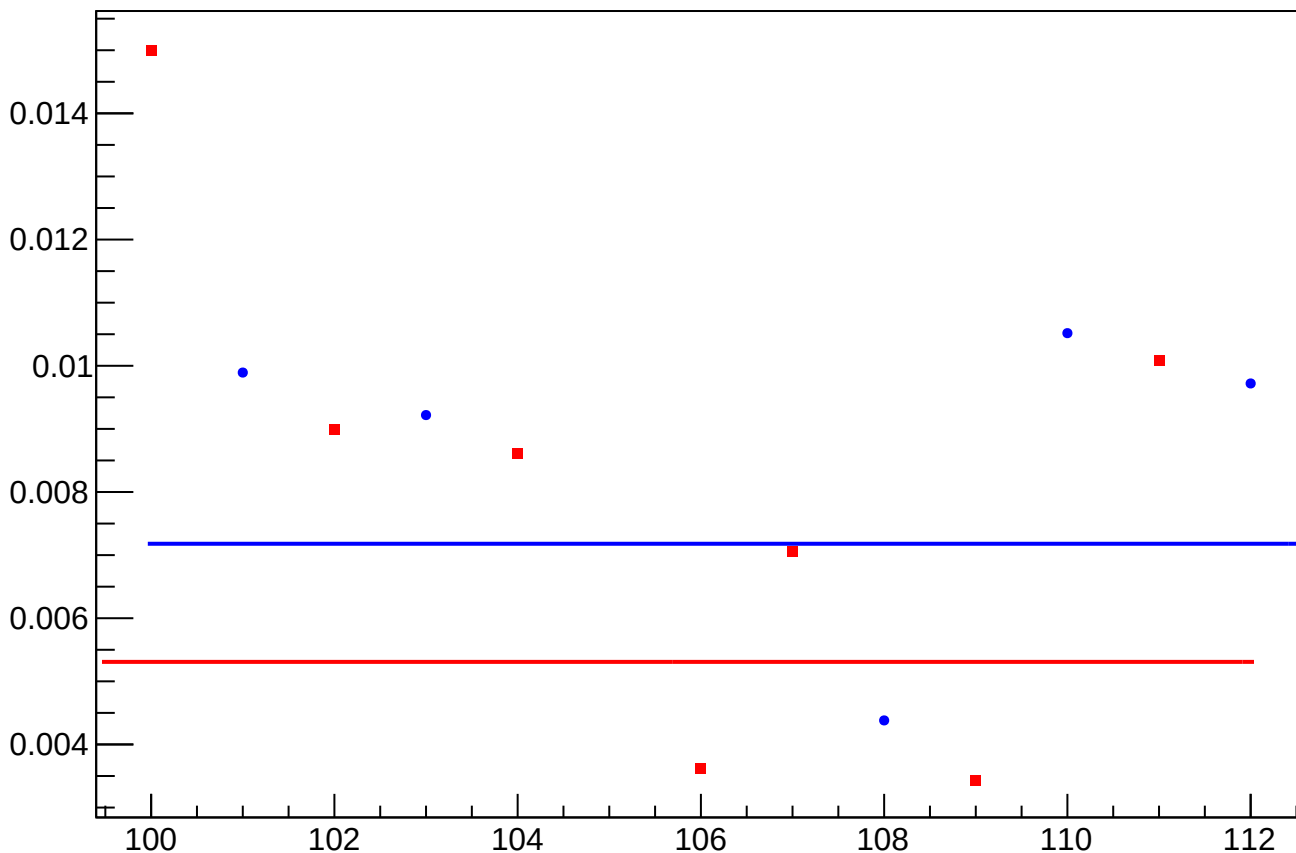
Right: -0.000+/-0.000 χ^2/NDF : 9.3/11

In: -0.000+/-0.000 χ^2/NDF : 4.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.3/11

asym_atl_dd_atr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 622404.3/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 968019.4/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

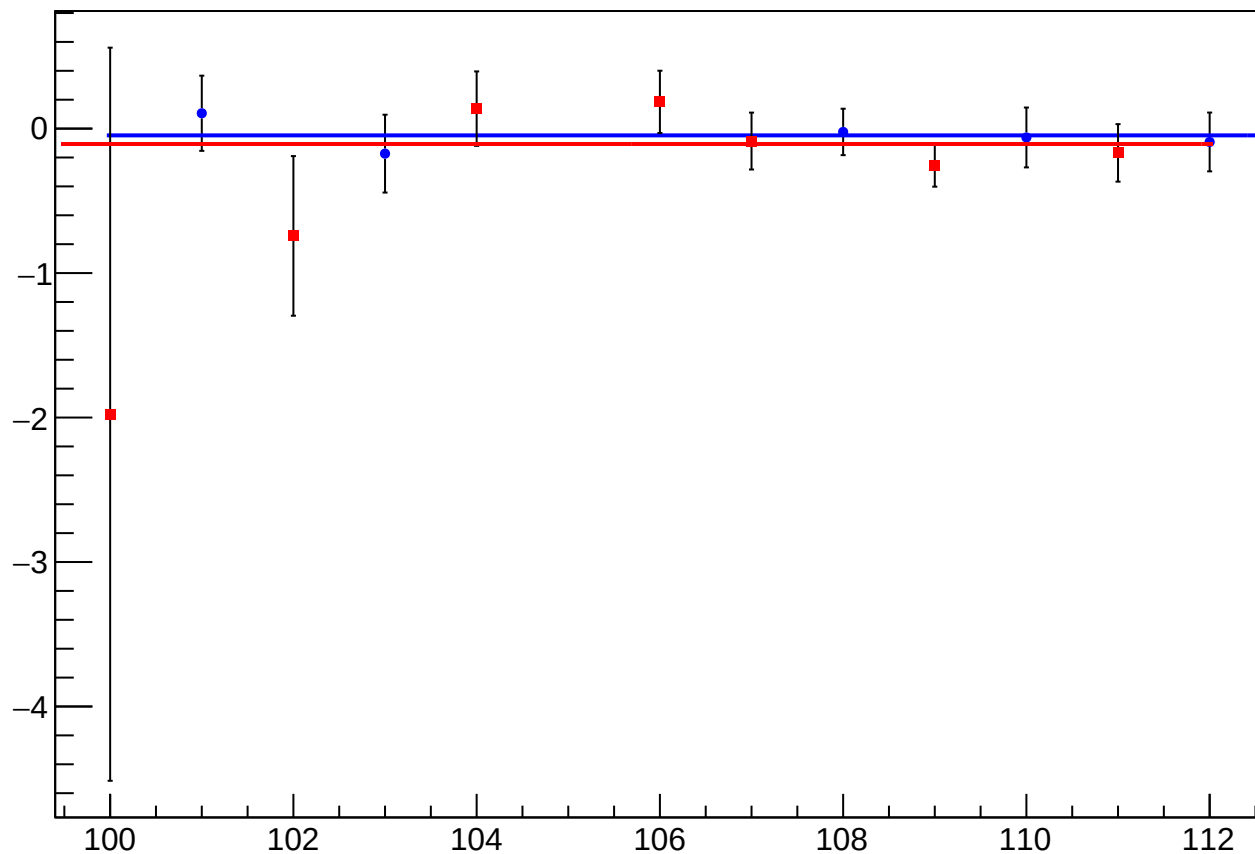
Right: 0.006+/-0.000 χ^2/NDF : 1778591.7/11

In: 0.007+/-0.000 χ^2/NDF :622404.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1778591.7/11

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.047 $\pm$ 0.093 χ^2 /NDF: 0.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.107 $\pm$ 0.086 χ^2 /NDF: 5.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

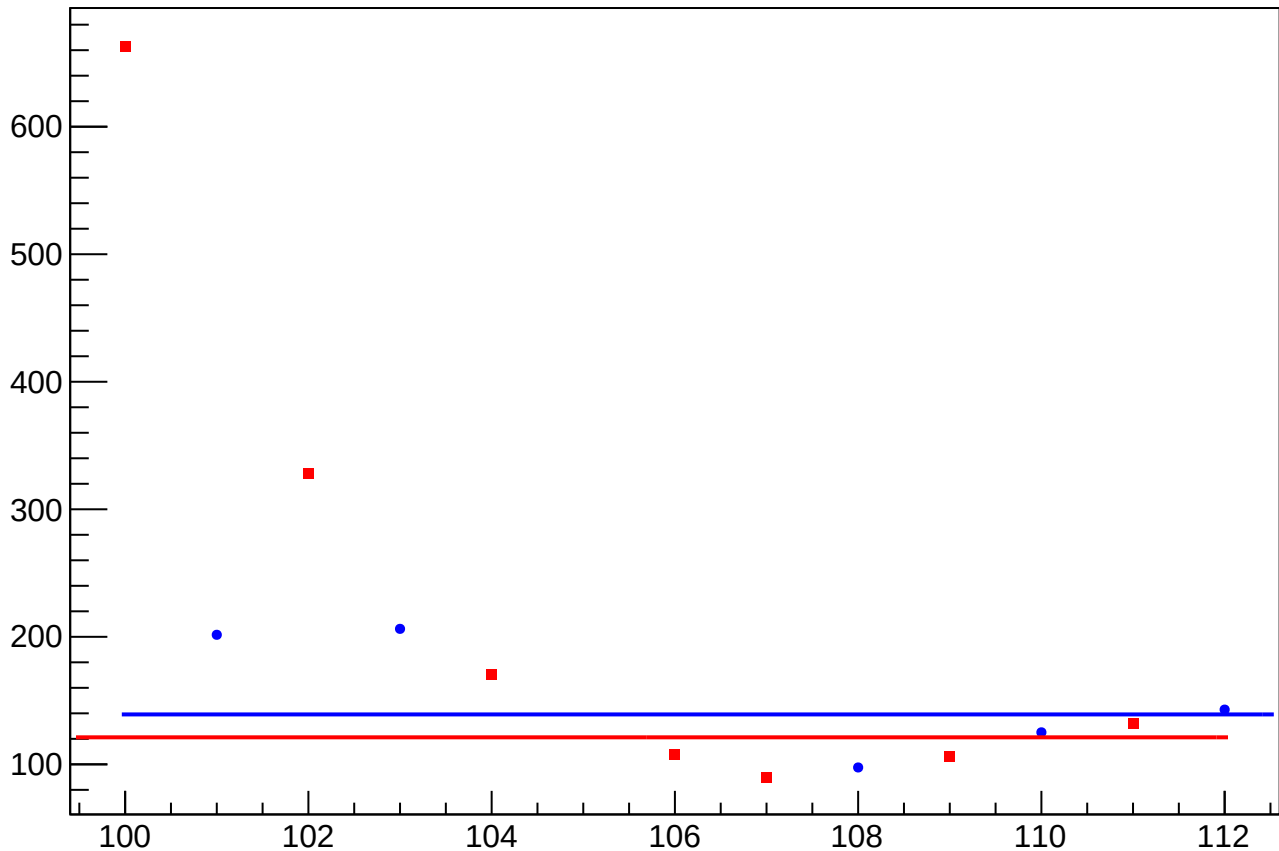
Right: -0.079 $\pm$ 0.063 χ^2 /NDF: 6.5/11

In: -0.047 $\pm$ 0.093 χ^2 /NDF:0.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.079 $\pm$ 0.063 χ^2 /NDF: 6.5/11

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.149+/-0.066 χ^2/NDF : 383138.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.188+/-0.061 χ^2/NDF : 530023.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

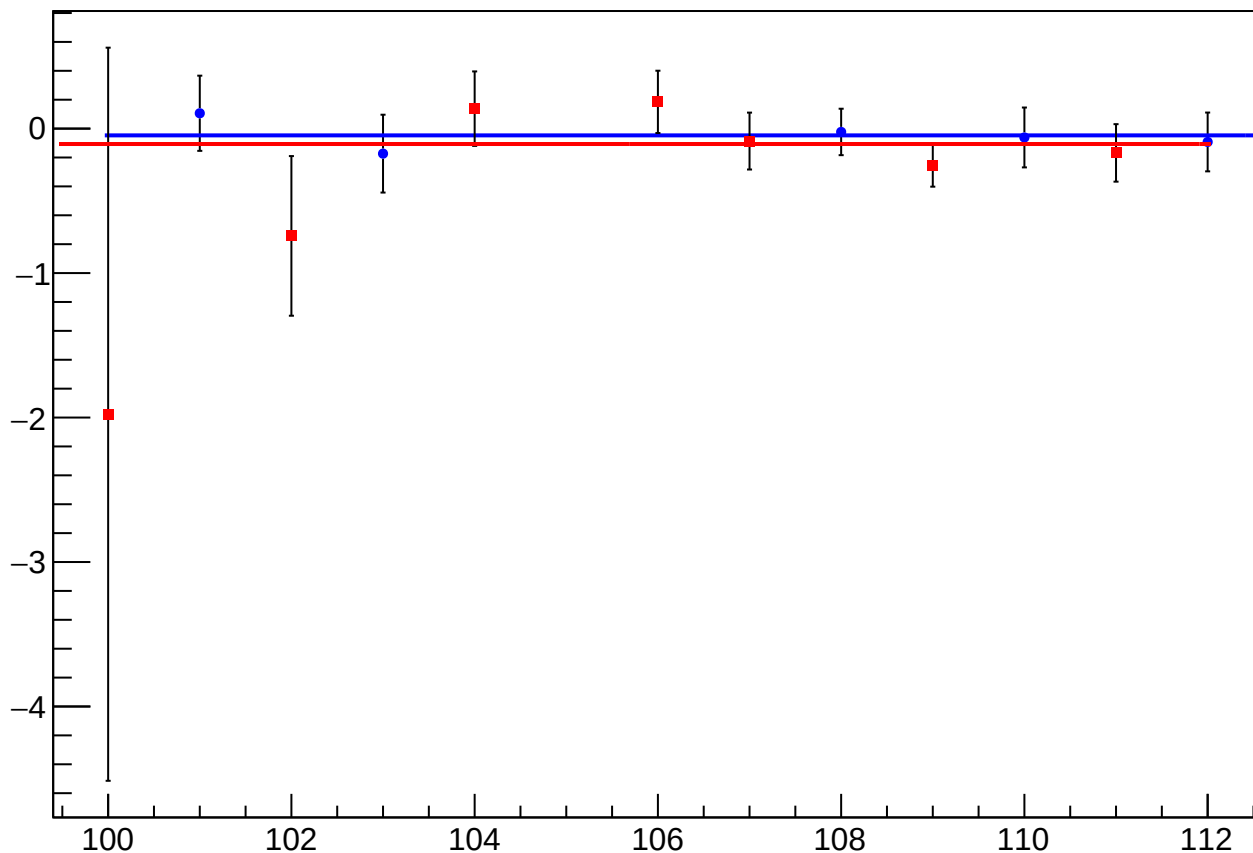
Right: 129.408+/-0.045 χ^2/NDF : 953298.0/11

In: 139.149+/-0.066 χ^2/NDF : 383138.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.408+/-0.045 χ^2/NDF : 953298.0/11

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.047 ± 0.093 $\chi^2/\text{NDF}: 0.6/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.107 ± 0.086 $\chi^2/\text{NDF}: 5.7/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

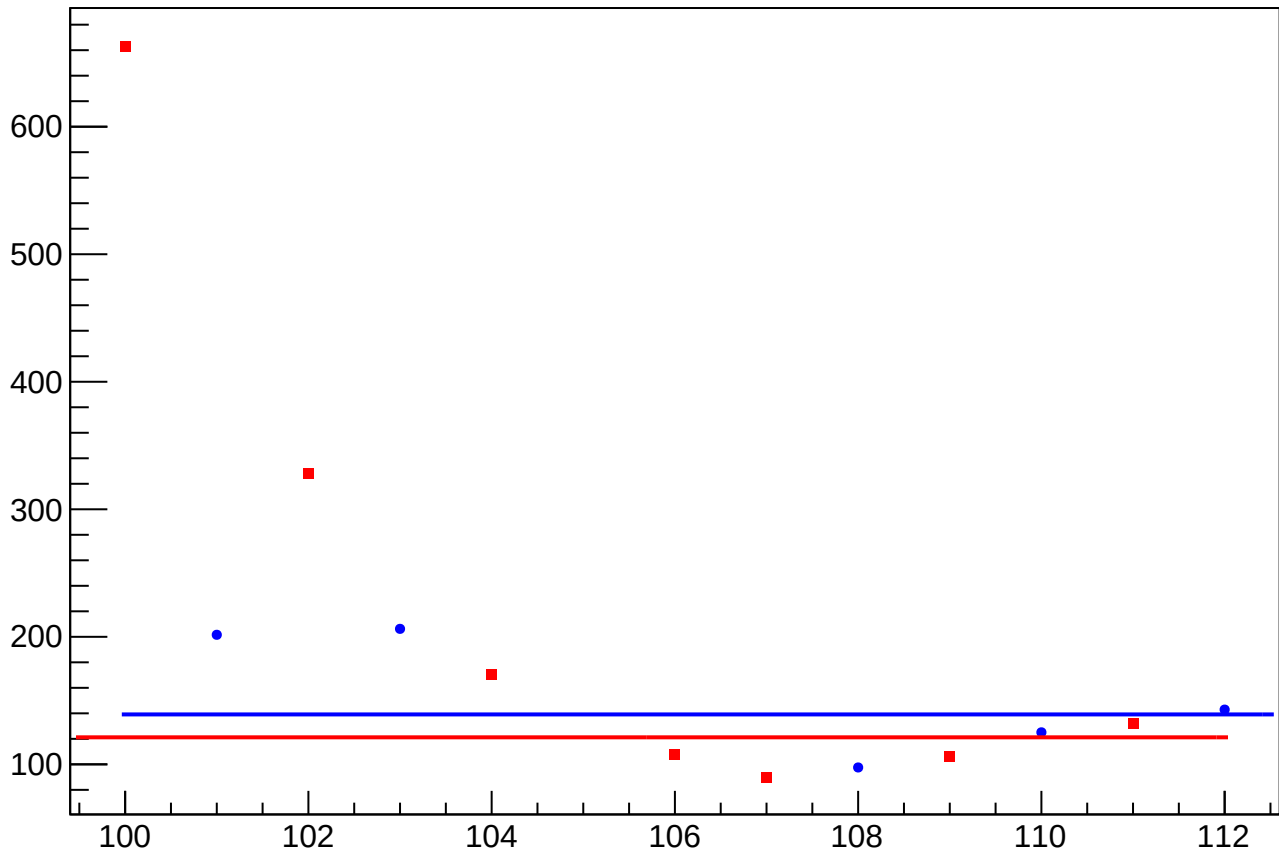
Right: -0.079 ± 0.063 $\chi^2/\text{NDF}: 6.5/11$

In: -0.047 ± 0.093 $\chi^2/\text{NDF}: 0.6/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.079 ± 0.063 $\chi^2/\text{NDF}: 6.5/11$

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.149+/-0.066 χ^2/NDF : 383138.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.188+/-0.061 χ^2/NDF : 530023.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

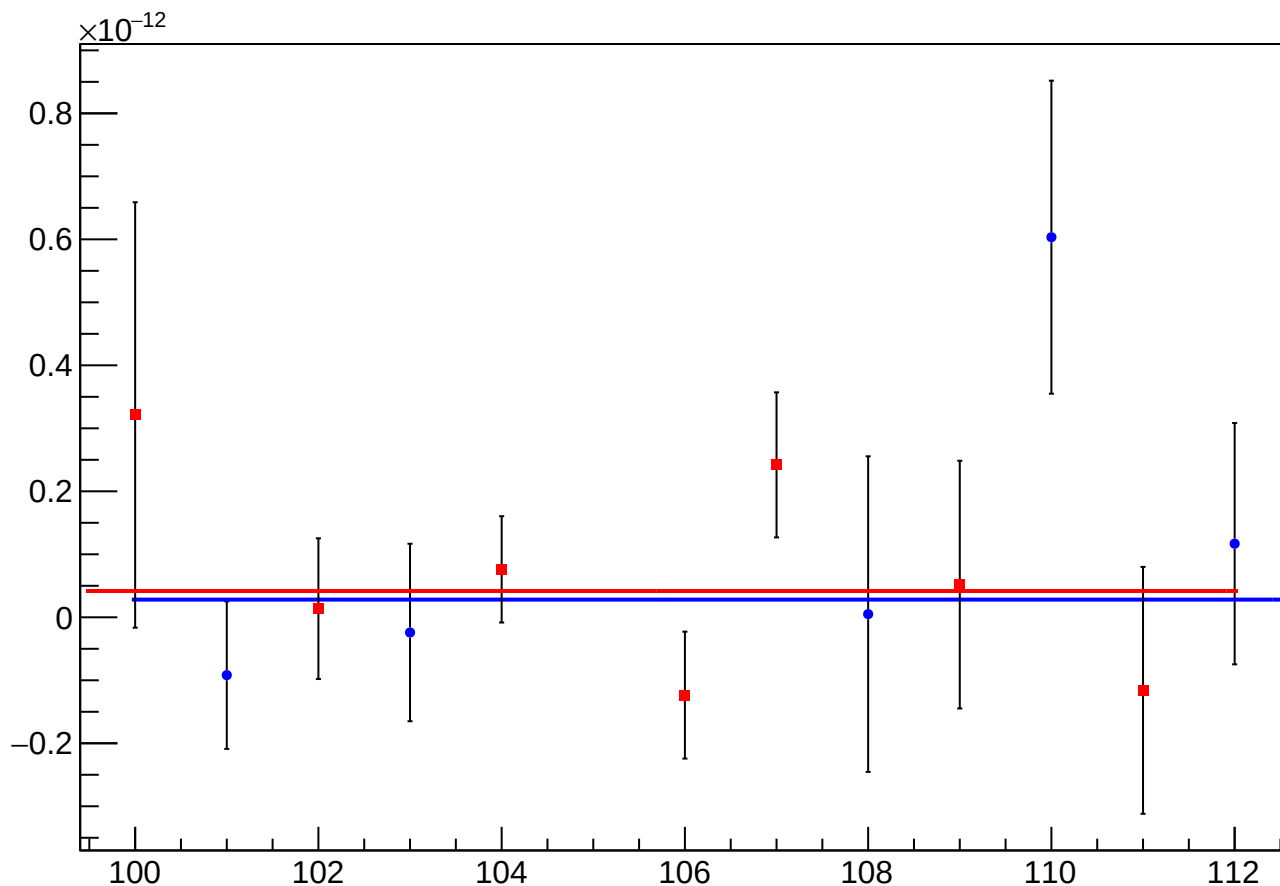
Right: 129.408+/-0.045 χ^2/NDF : 953298.0/11

In: 139.149+/-0.066 χ^2/NDF : 383138.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.408+/-0.045 χ^2/NDF : 953298.0/11

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 : 6.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

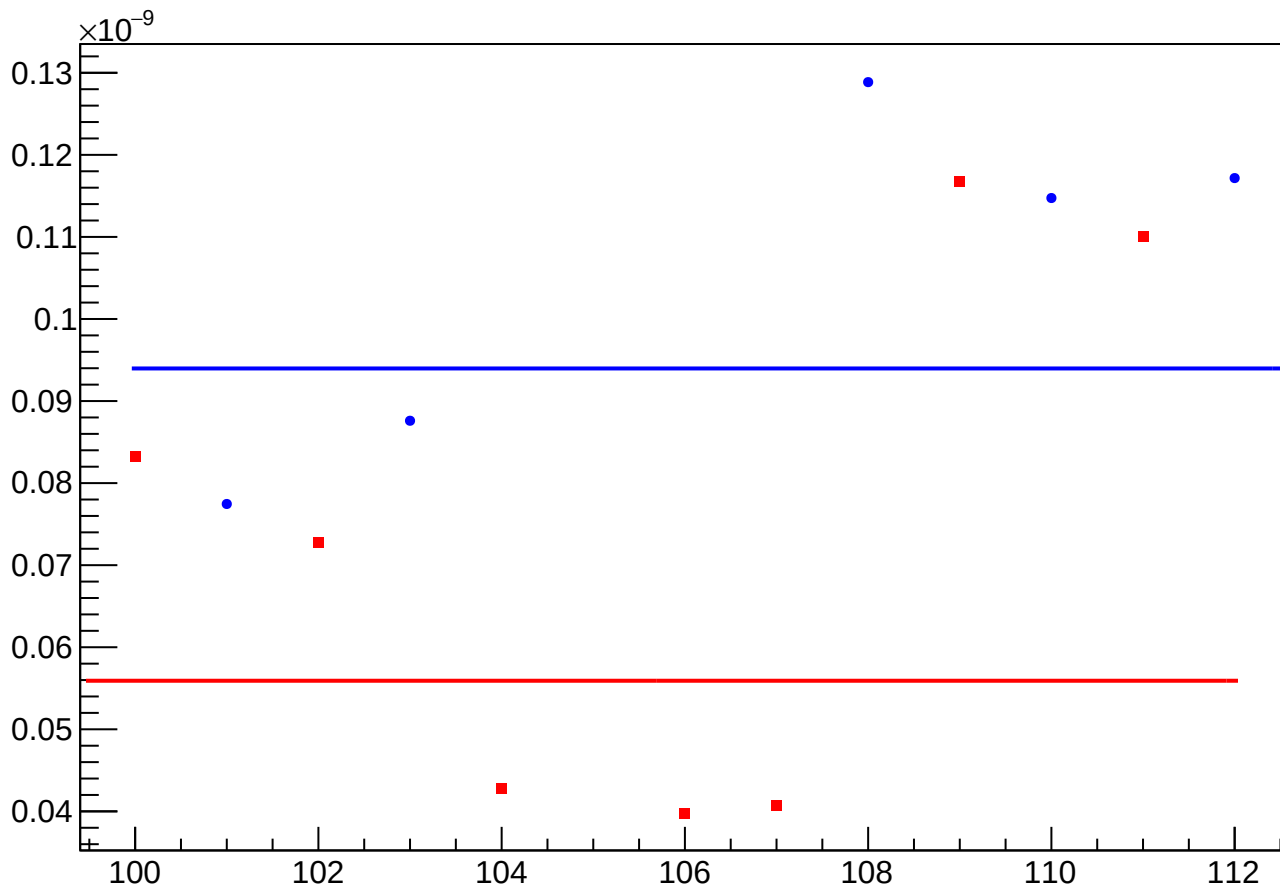
Right: 0.000+/-0.000 χ^2/NDF : 14.1/11

In: 0.000+/-0.000 χ^2/NDF : 6.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.1/11

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 : 125965.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 536971.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

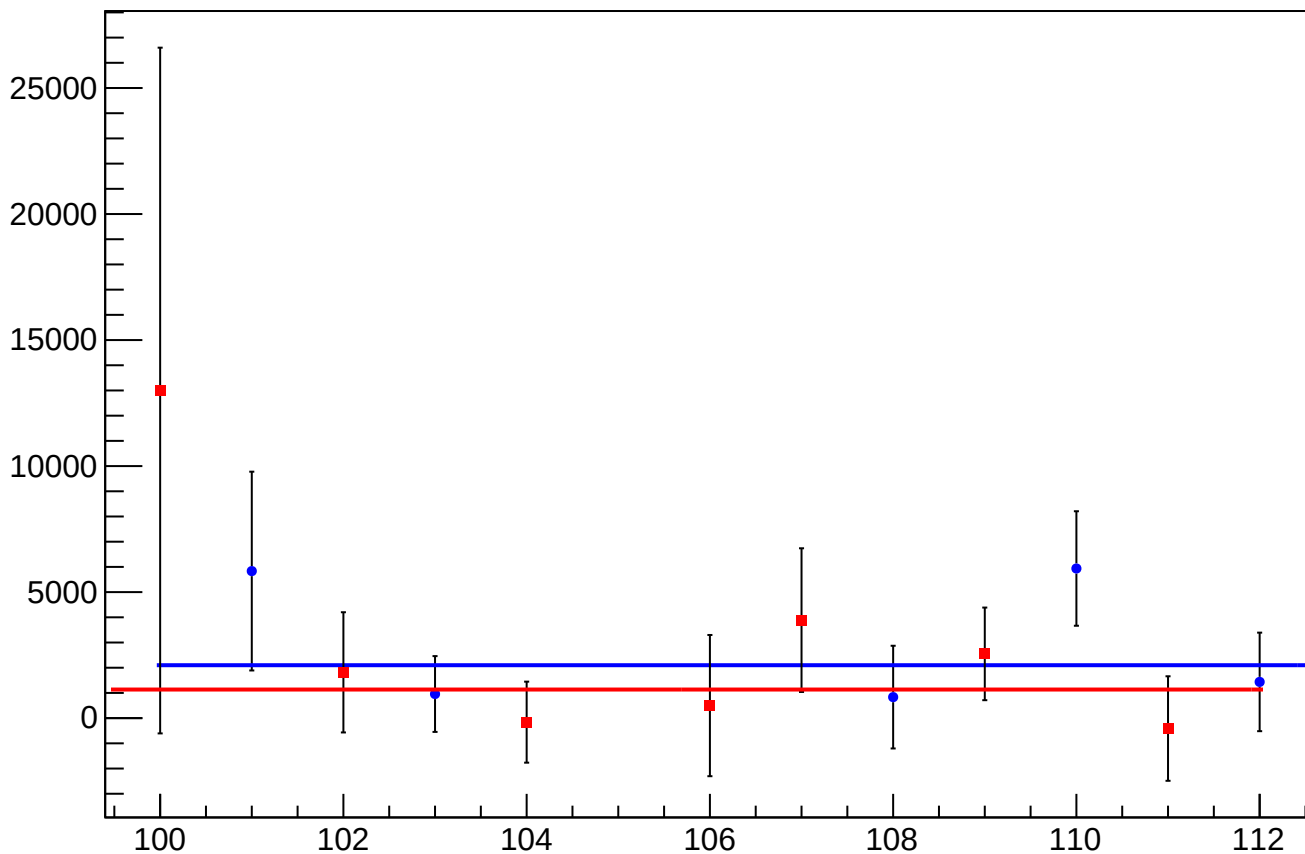
Right: 0.000+/-0.000 χ^2/NDF : 1040495.5/11

In: 0.000+/-0.000 χ^2/NDF : 125965.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1040495.5/11

reg_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2099.830+/-911.736 χ^2/NDF : 4.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1134.696+/-861.397 χ^2/NDF : 3.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

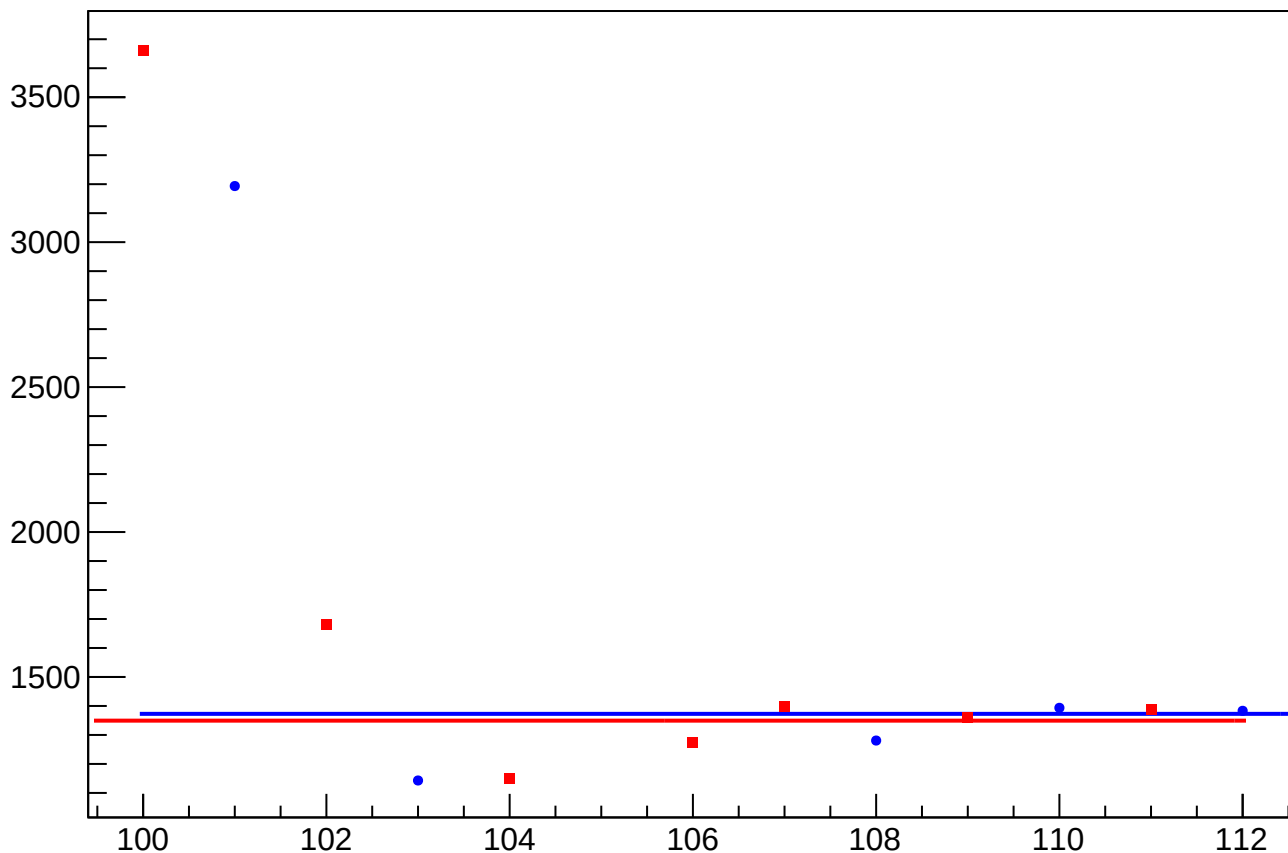
Right: 1589.885+/-626.139 χ^2/NDF : 9.0/11

In: 2099.830+/-911.736 χ^2/NDF : 4.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1589.885+/-626.139 χ^2/NDF : 9.0/11

reg_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1372.796+/-0.645 χ^2/NDF : 477426.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1349.369+/-0.604 χ^2/NDF : 129969.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

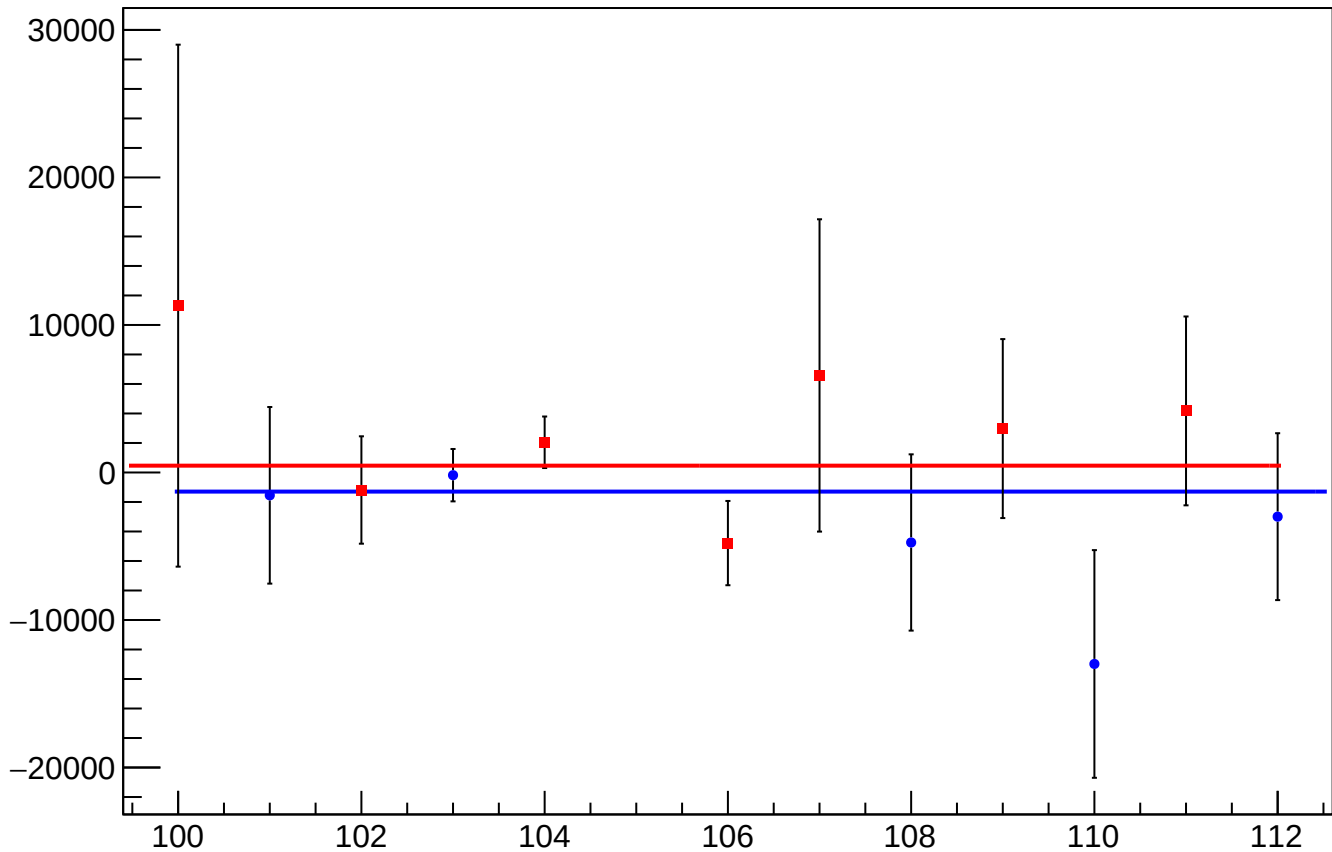
Right: 1360.323+/-0.441 χ^2/NDF : 608098.5/11

In: 1372.796+/-0.645 χ^2/NDF : 477426.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1360.323+/-0.441 χ^2/NDF : 608098.5/11

asym_atl_avg_atr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1295.285+/-1540.743 χ^2/NDF : 3.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 462.500+/-1302.147 χ^2/NDF : 5.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

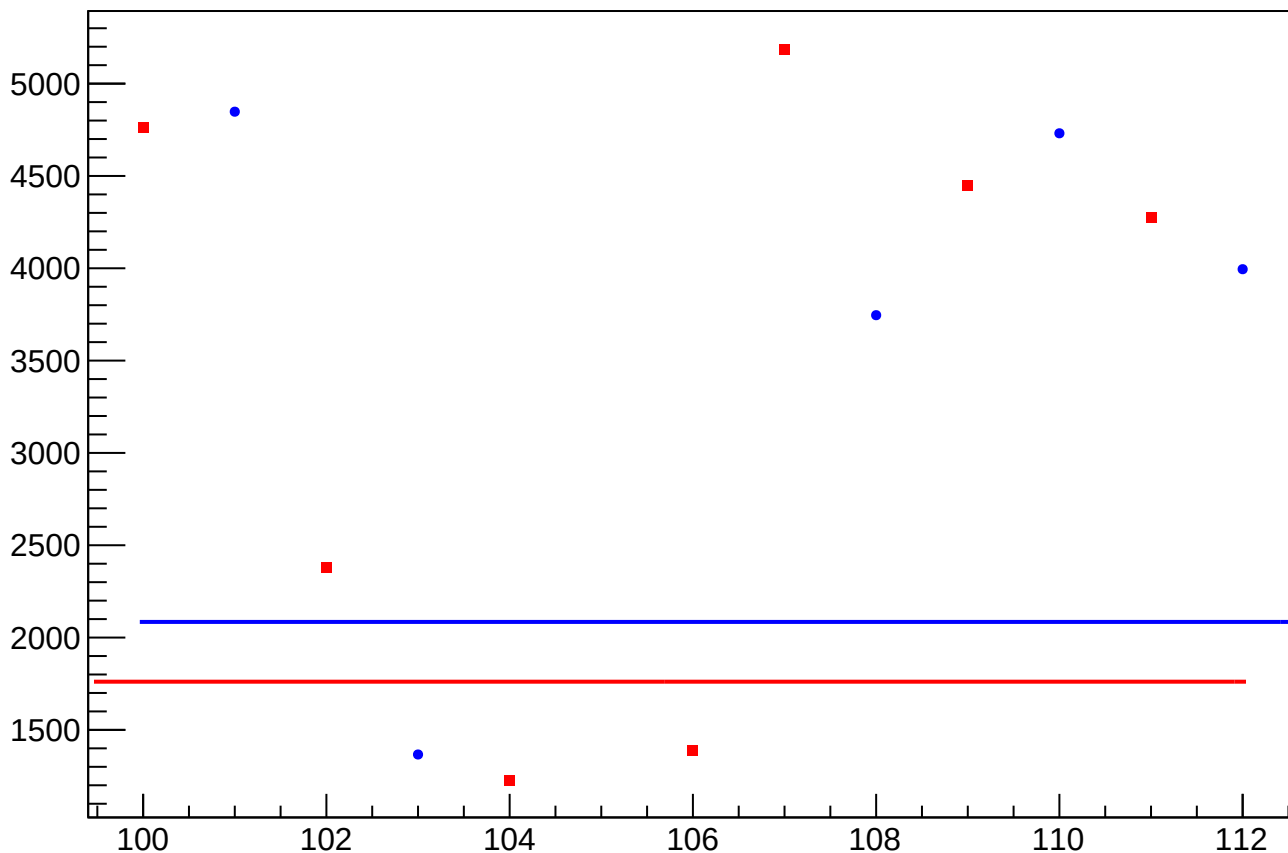
Right: -269.899+/-994.537 χ^2/NDF : 9.5/11

In: -1295.285+/-1540.743 χ^2/NDF : 3.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -269.899+/-994.537 χ^2/NDF : 9.5/11

asym_atl_avg_atr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2084.731+/-1.089 χ^2/NDF : 1371247.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1761.059+/-0.921 χ^2/NDF : 1248350.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

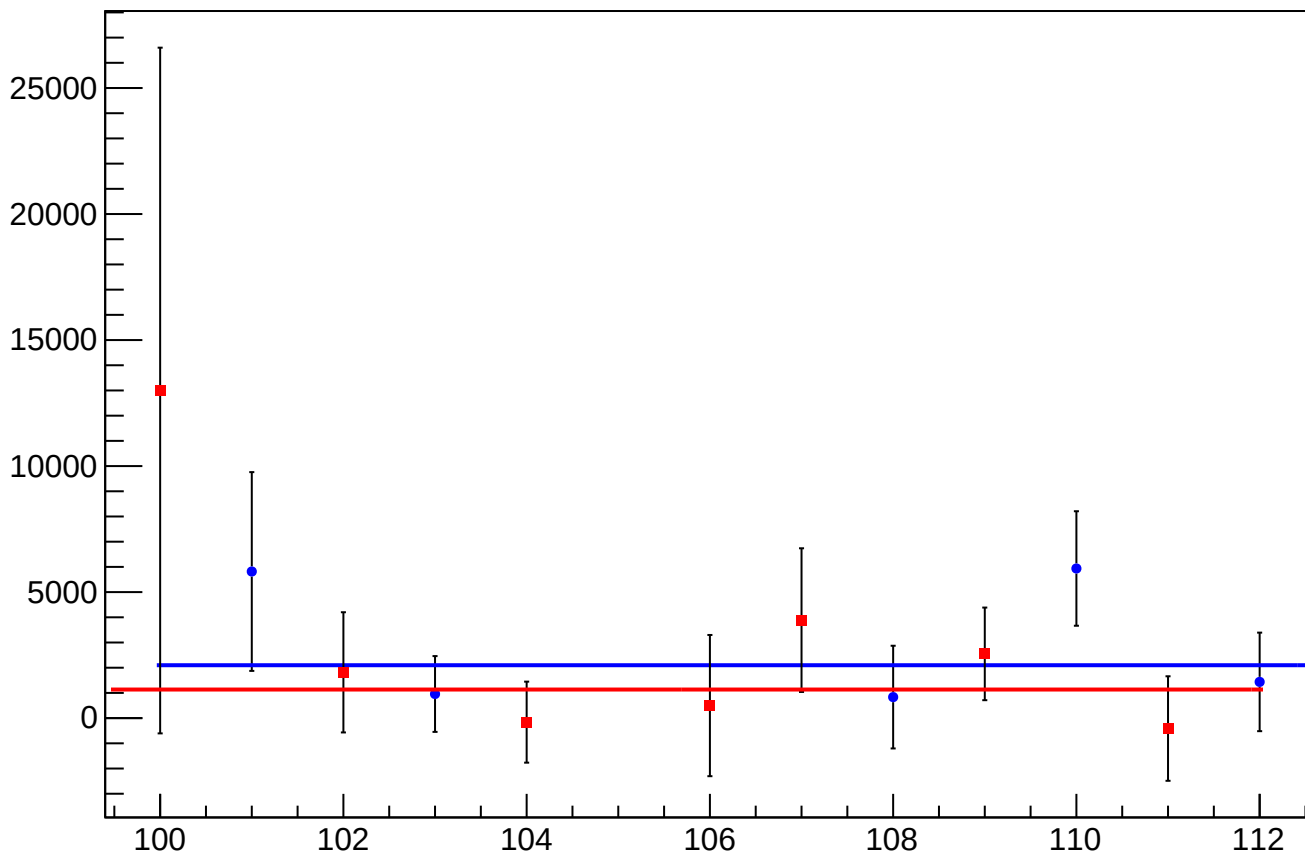
Right: 1895.920+/-0.703 χ^2/NDF : 2671085.3/11

In: 2084.731+/-1.089 χ^2/NDF : 1371247.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1895.920+/-0.703 χ^2/NDF : 2671085.3/11

cor_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2098.980+/-911.736 χ^2/NDF : 4.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1134.358+/-861.397 χ^2/NDF : 3.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

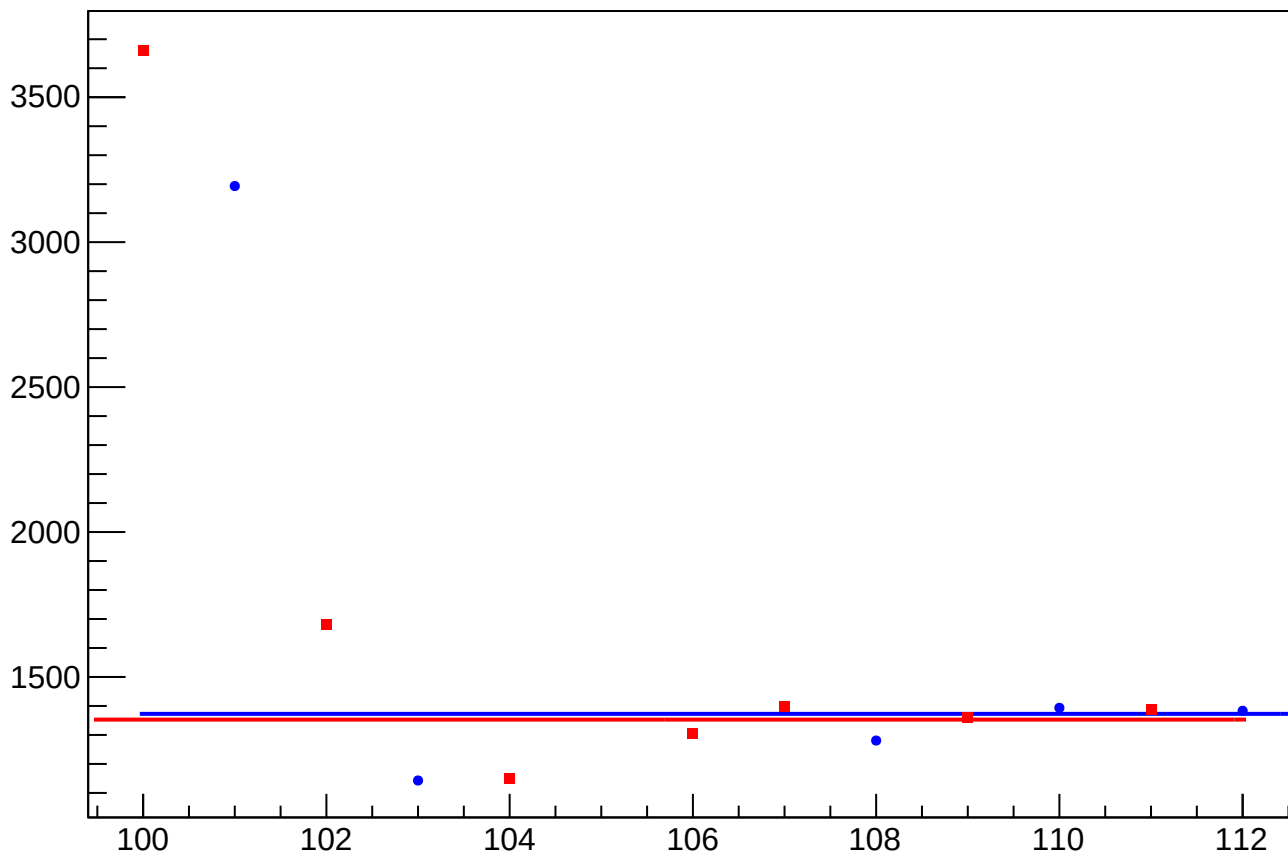
Right: 1589.305+/-626.140 χ^2/NDF : 9.0/11

In: 2098.980+/-911.736 χ^2/NDF : 4.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1589.305+/-626.140 χ^2/NDF : 9.0/11

cor_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1372.795+/-0.645 χ^2/NDF : 477428.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1352.925+/-0.606 χ^2/NDF : 128818.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

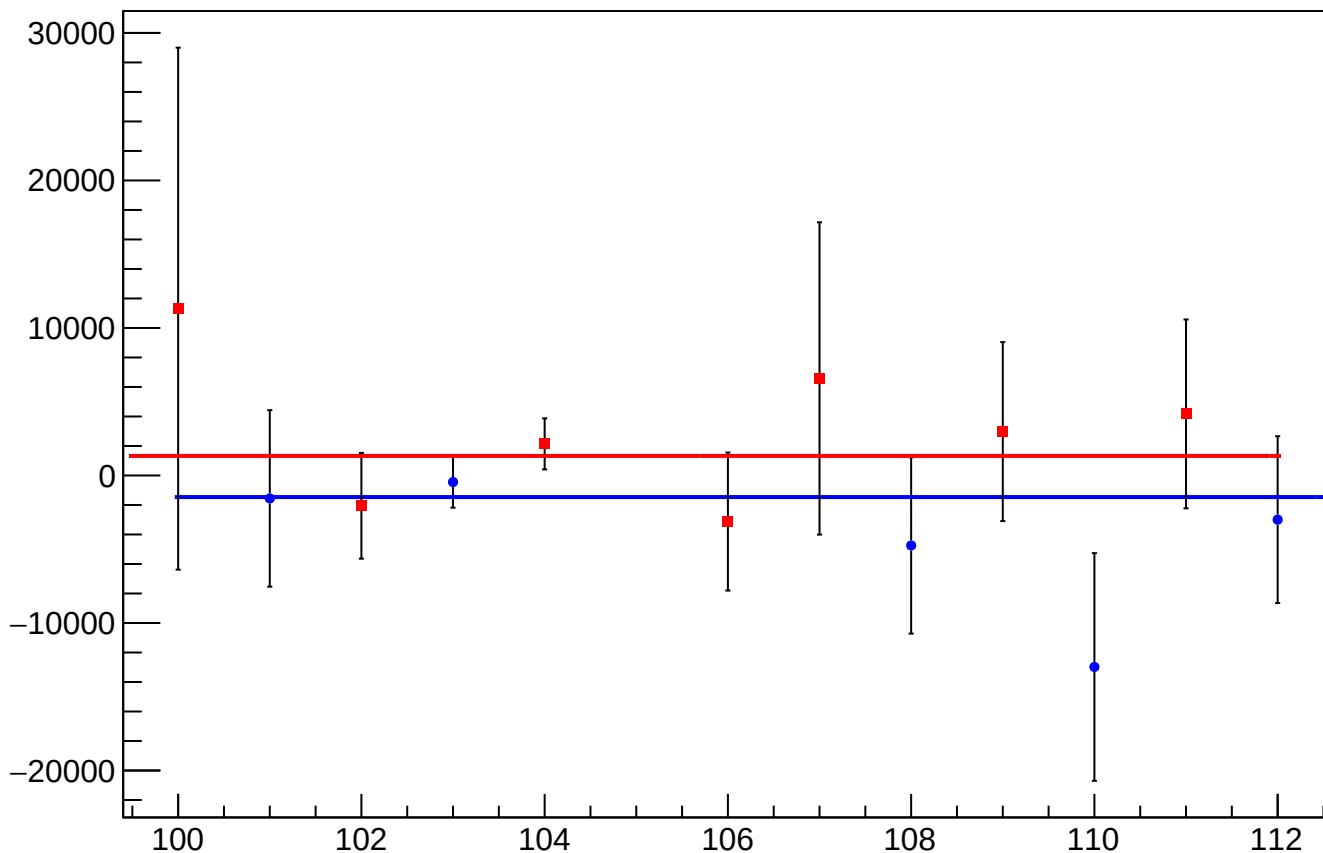
Right: 1362.239+/-0.441 χ^2/NDF : 606751.5/11

In: 1372.795+/-0.645 χ^2/NDF : 477428.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1362.239+/-0.441 χ^2/NDF : 606751.5/11

asym_atl_avg_atr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1461.956+/-1518.463 χ^2/NDF : 2.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1325.871+/-1384.993 χ^2/NDF : 2.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

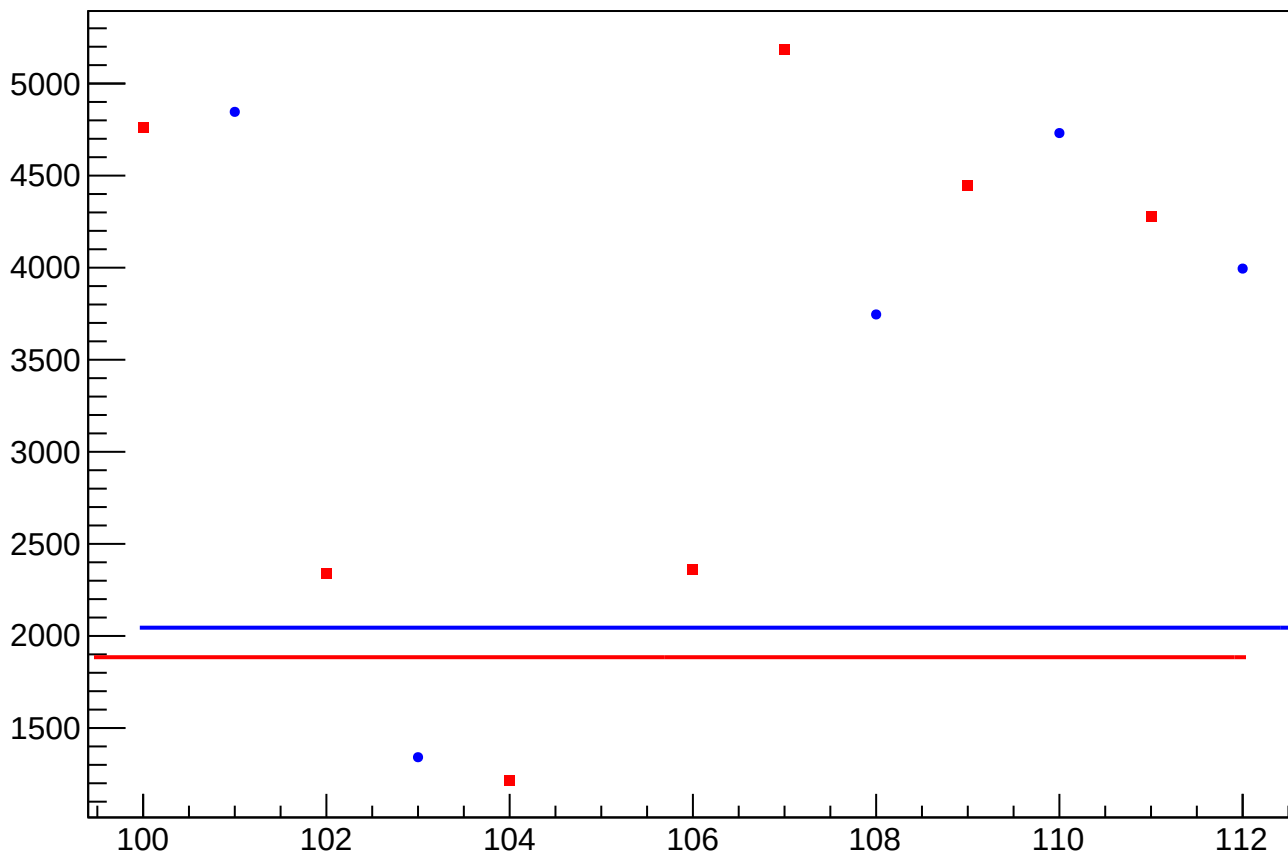
Right: 59.842+/-1023.277 χ^2/NDF : 7.6/11

In: -1461.956+/-1518.463 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.842+/-1023.277 χ^2/NDF : 7.6/11

asym_atl_avg_atr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2044.957+/-1.074 χ^2/NDF : 1406784.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1884.562+/-0.979 χ^2/NDF : 1237066.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

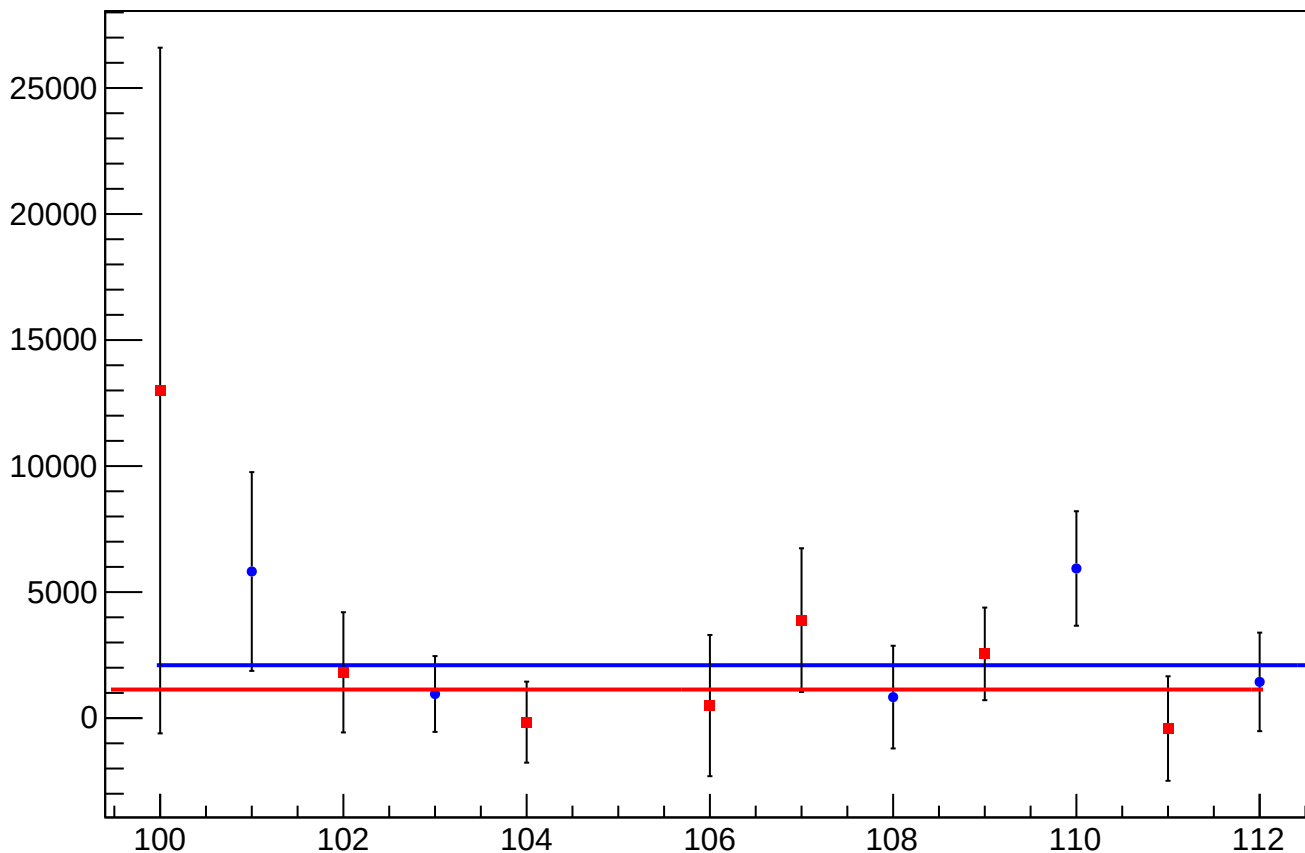
Right: 1957.402+/-0.724 χ^2/NDF : 2656031.6/11

In: 2044.957+/-1.074 χ^2/NDF : 1406784.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1957.402+/-0.724 χ^2/NDF : 2656031.6/11

eigen_cor_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2098.980+/-911.736 χ^2/NDF : 4.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1134.358+/-861.397 χ^2/NDF : 3.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

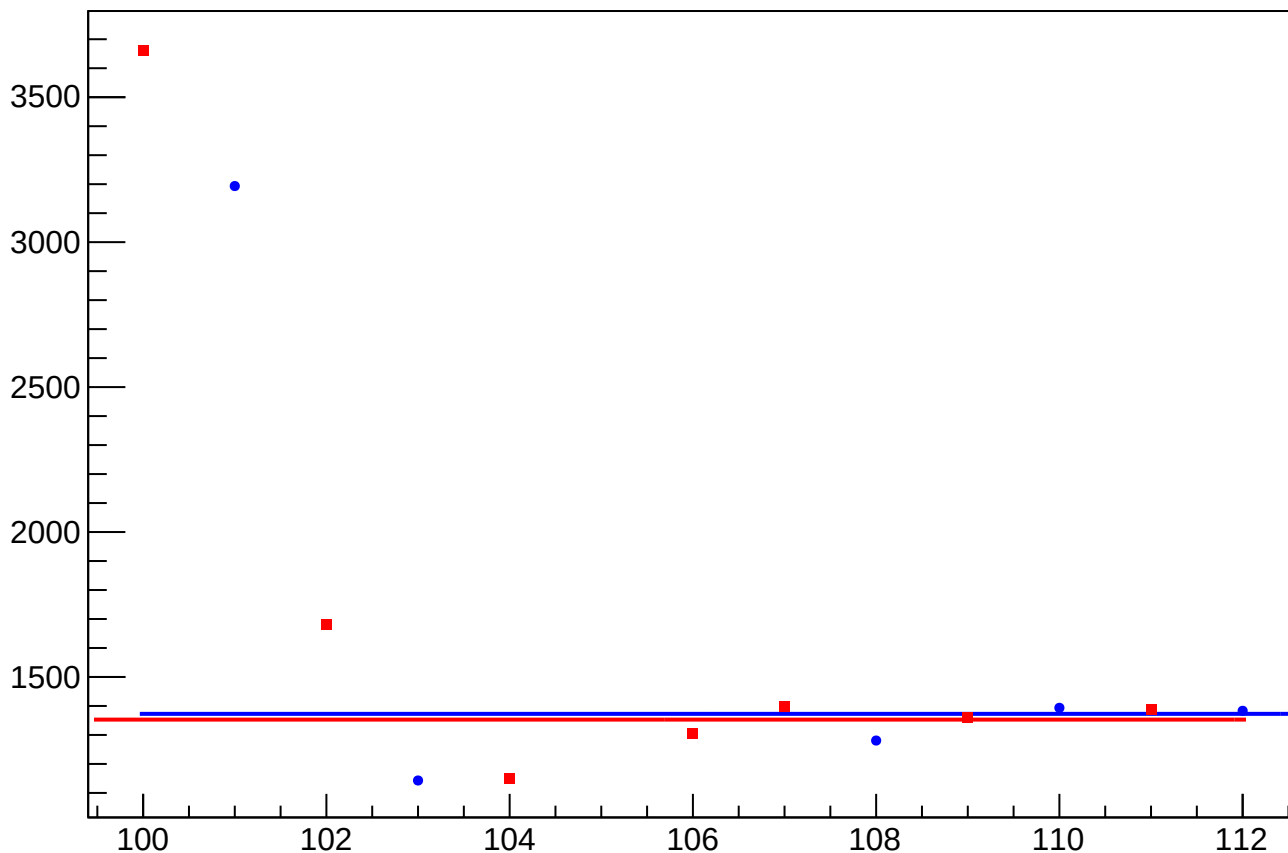
Right: 1589.305+/-626.140 χ^2/NDF : 9.0/11

In: 2098.980+/-911.736 χ^2/NDF : 4.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1589.305+/-626.140 χ^2/NDF : 9.0/11

eigen_cor_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1372.795+/-0.645 χ^2/NDF : 477428.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1352.925+/-0.606 χ^2/NDF : 128818.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

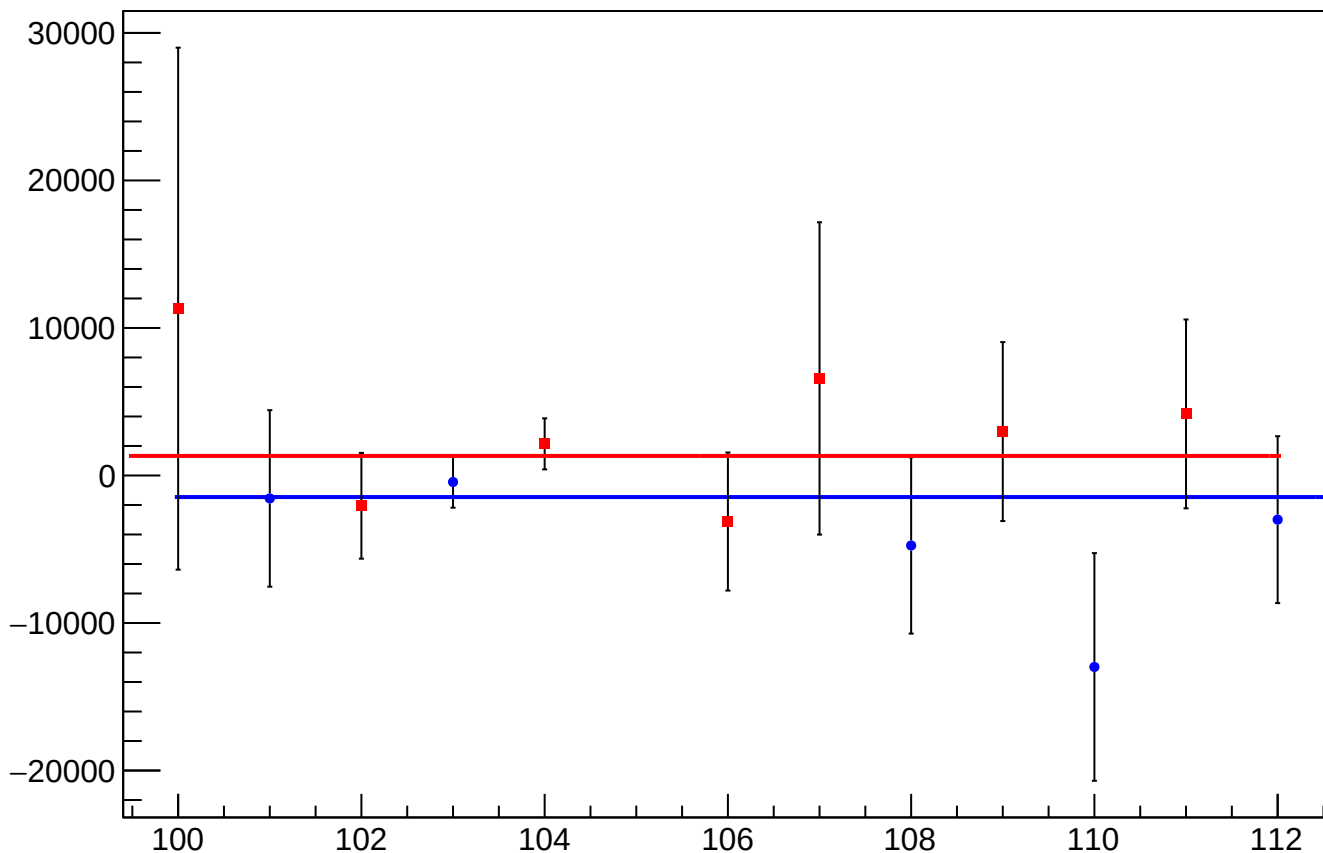
Right: 1362.239+/-0.441 χ^2/NDF : 606751.5/11

In: 1372.795+/-0.645 χ^2/NDF : 477428.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1362.239+/-0.441 χ^2/NDF : 606751.5/11

asym_atl_avg_atr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1461.956+/-1518.463 χ^2/NDF : 2.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1325.871+/-1384.993 χ^2/NDF : 2.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

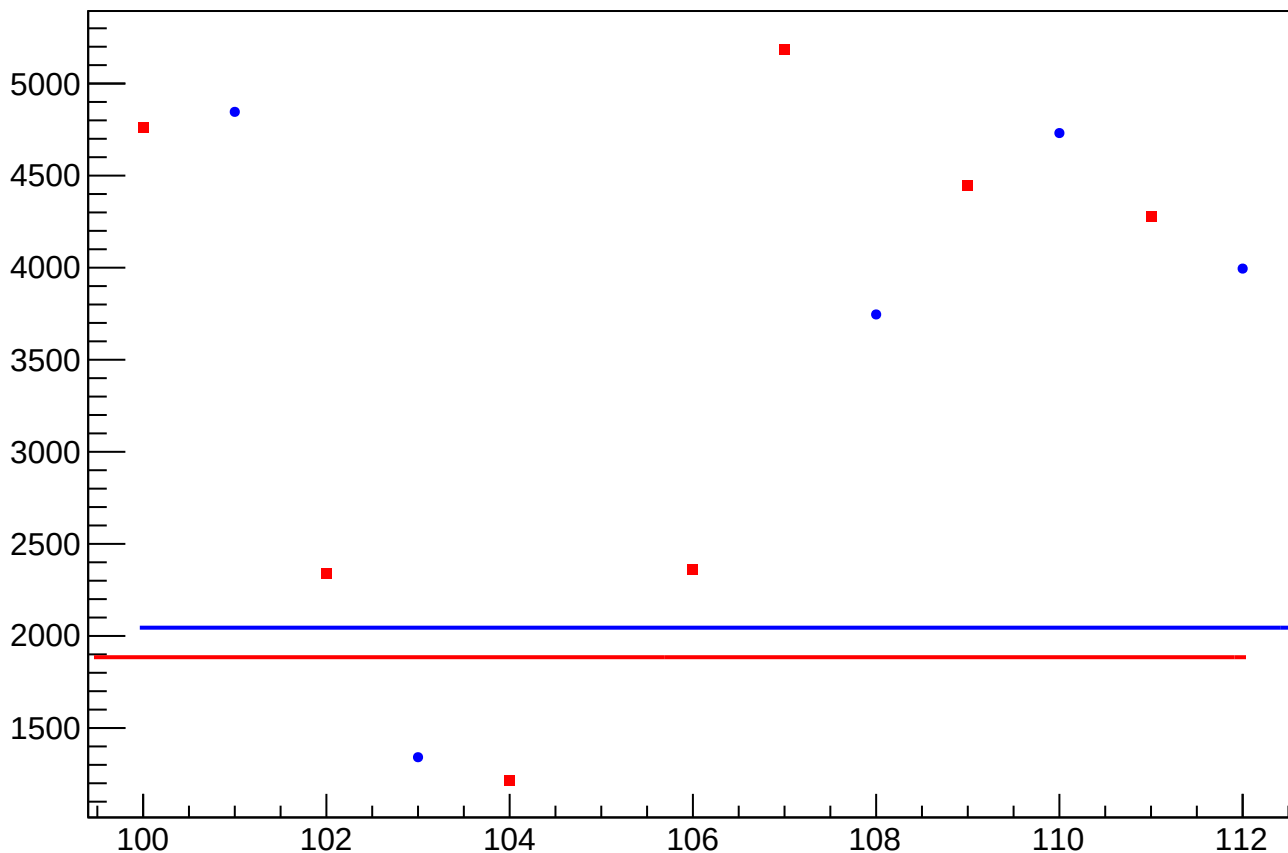
Right: 59.842+/-1023.277 χ^2/NDF : 7.6/11

In: -1461.956+/-1518.463 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.842+/-1023.277 χ^2/NDF : 7.6/11

asym_atl_avg_atr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2044.957+/-1.074 χ^2/NDF : 1406784.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1884.562+/-0.979 χ^2/NDF : 1237066.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

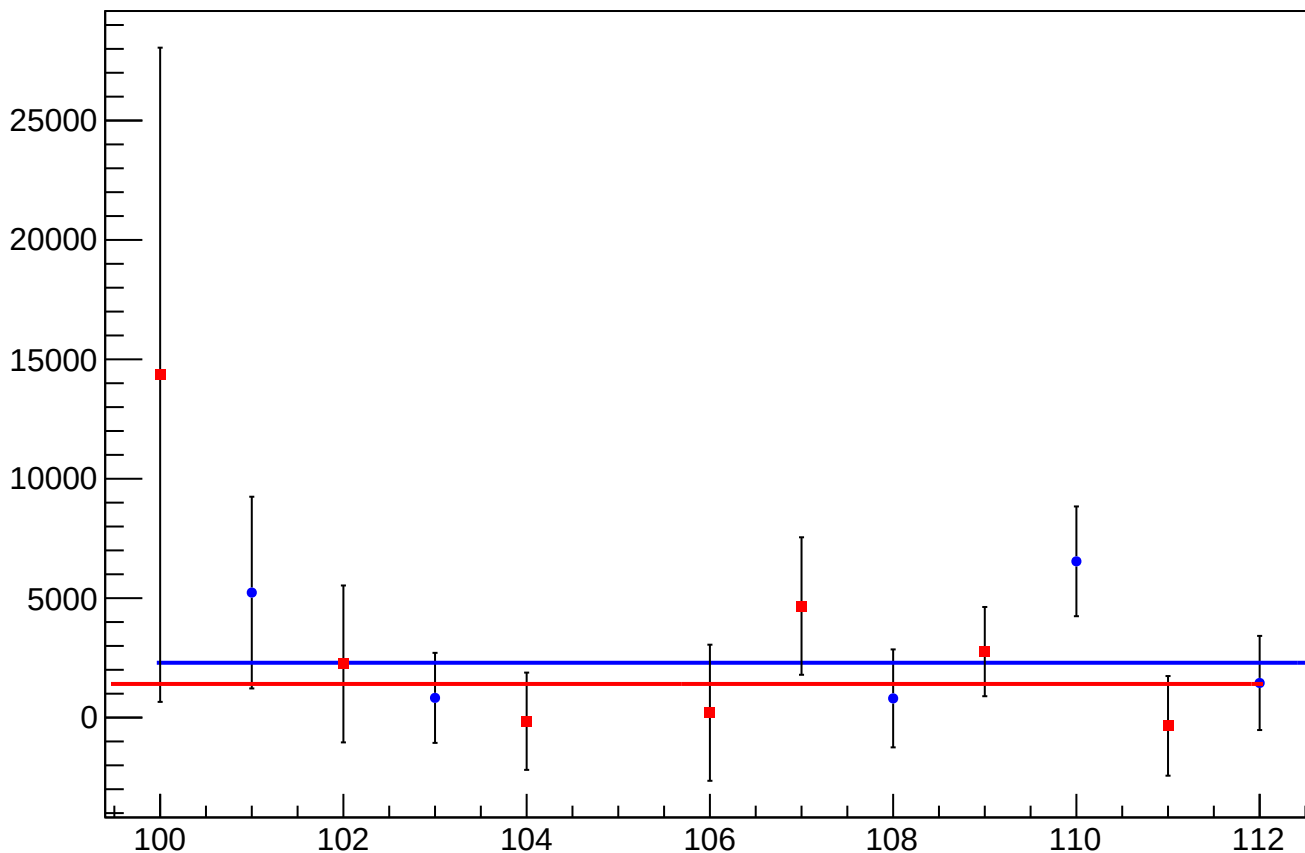
Right: 1957.402+/-0.724 χ^2/NDF : 2656031.6/11

In: 2044.957+/-1.074 χ^2/NDF : 1406784.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1957.402+/-0.724 χ^2/NDF : 2656031.6/11

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2295.276+/-986.277 χ^2/NDF : 5.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1407.897+/-953.824 χ^2/NDF : 4.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

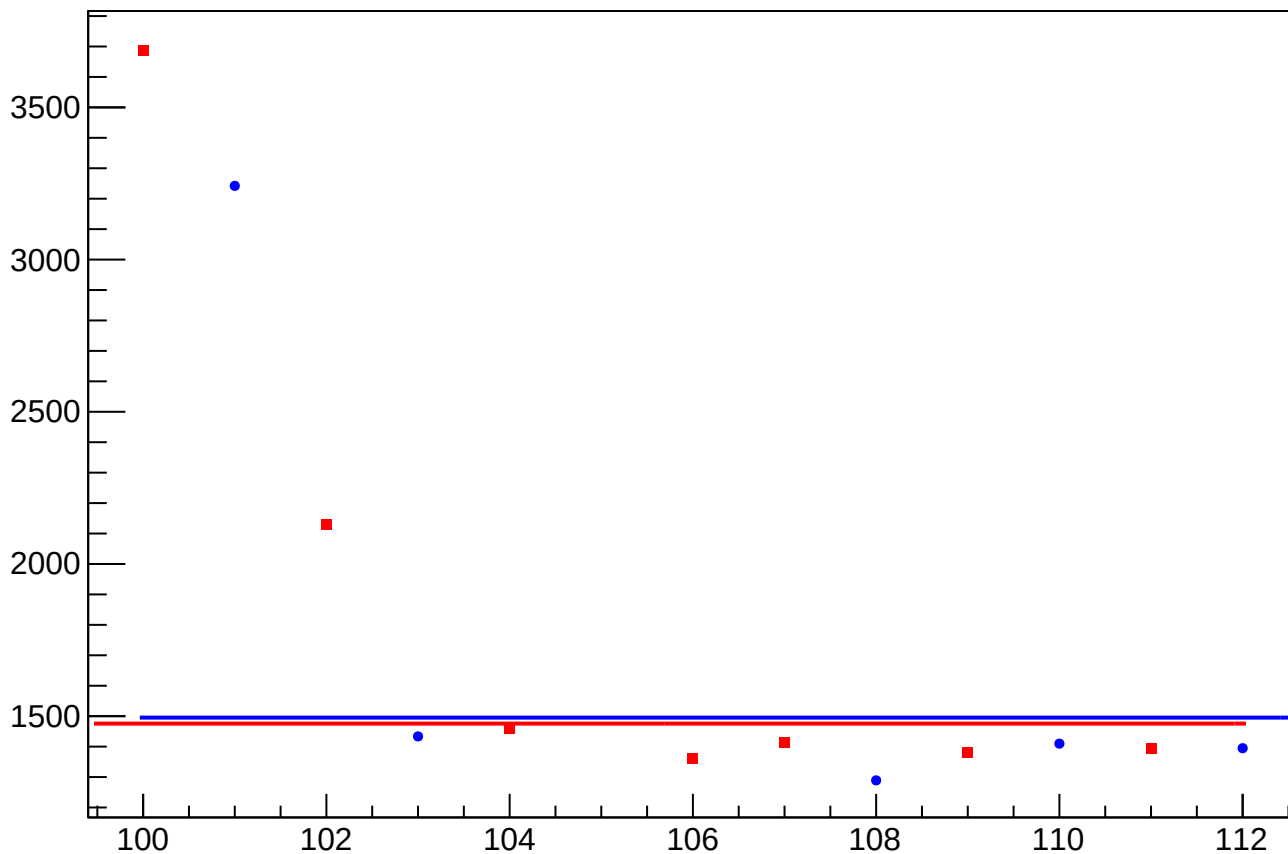
Right: 1836.747+/-685.642 χ^2/NDF : 9.9/11

In: 2295.276+/-986.277 χ^2/NDF : 5.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1836.747+/-685.642 χ^2/NDF : 9.9/11

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1495.259+/-0.697 χ^2/NDF : 409141.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1475.636+/-0.673 χ^2/NDF : 144510.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

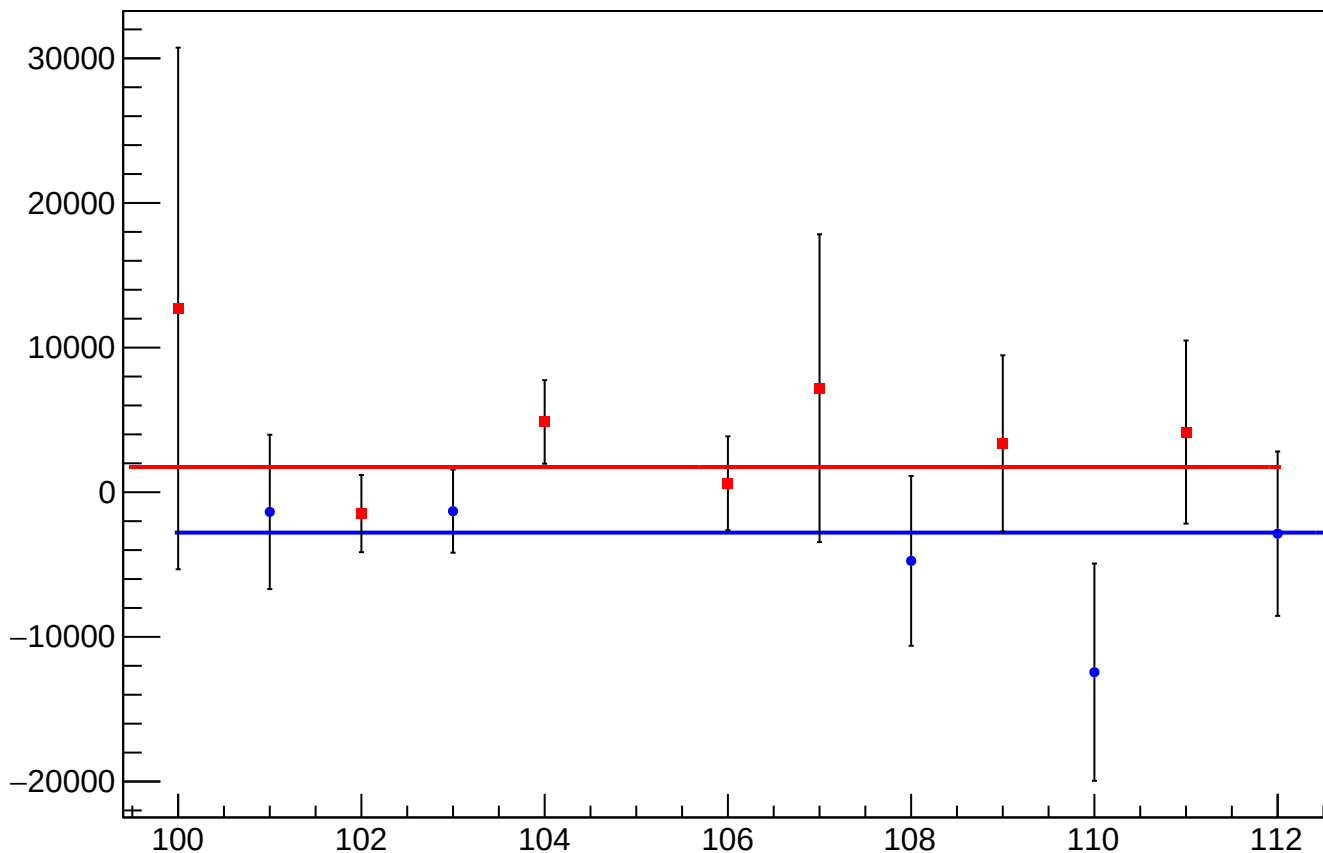
Right: 1485.098+/-0.484 χ^2/NDF : 554061.1/11

In: 1495.259+/-0.697 χ^2/NDF : 409141.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1485.098+/-0.484 χ^2/NDF : 554061.1/11

asym_atl_avg_atr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -2791.174+/-2065.949 χ^2 /NDF: 2.1/4

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1746.428+/-1544.296 χ^2 /NDF: 3.6/6

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

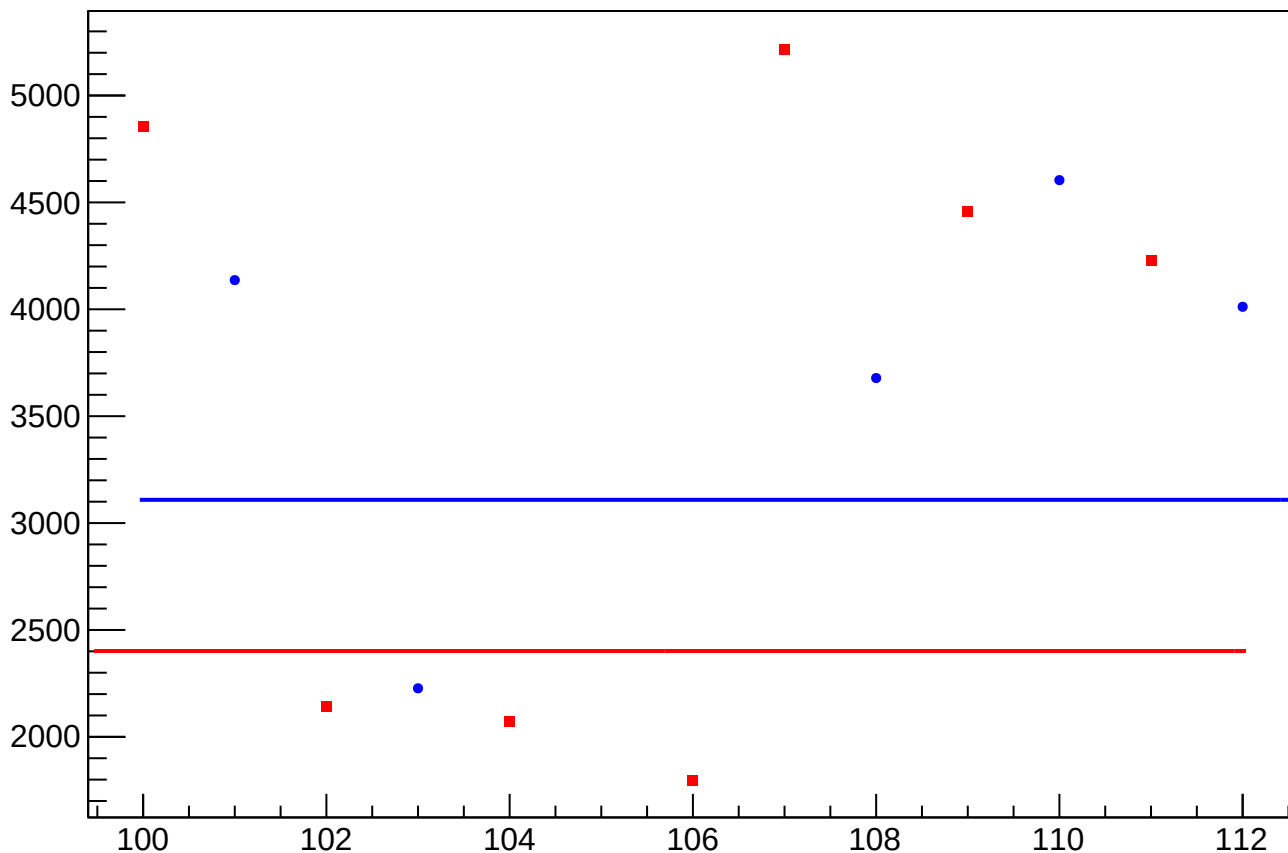
Right: 119.867+/-1236.920 χ^2 /NDF: 8.8/11

In: -2791.174+/-2065.949 χ^2 /NDF: 2.1/4

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 119.867+/-1236.920 χ^2 /NDF: 8.8/11

asym_atl_avg_atr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3108.827+/-1.461 χ^2/NDF : 411641.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2401.596+/-1.092 χ^2/NDF : 685373.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

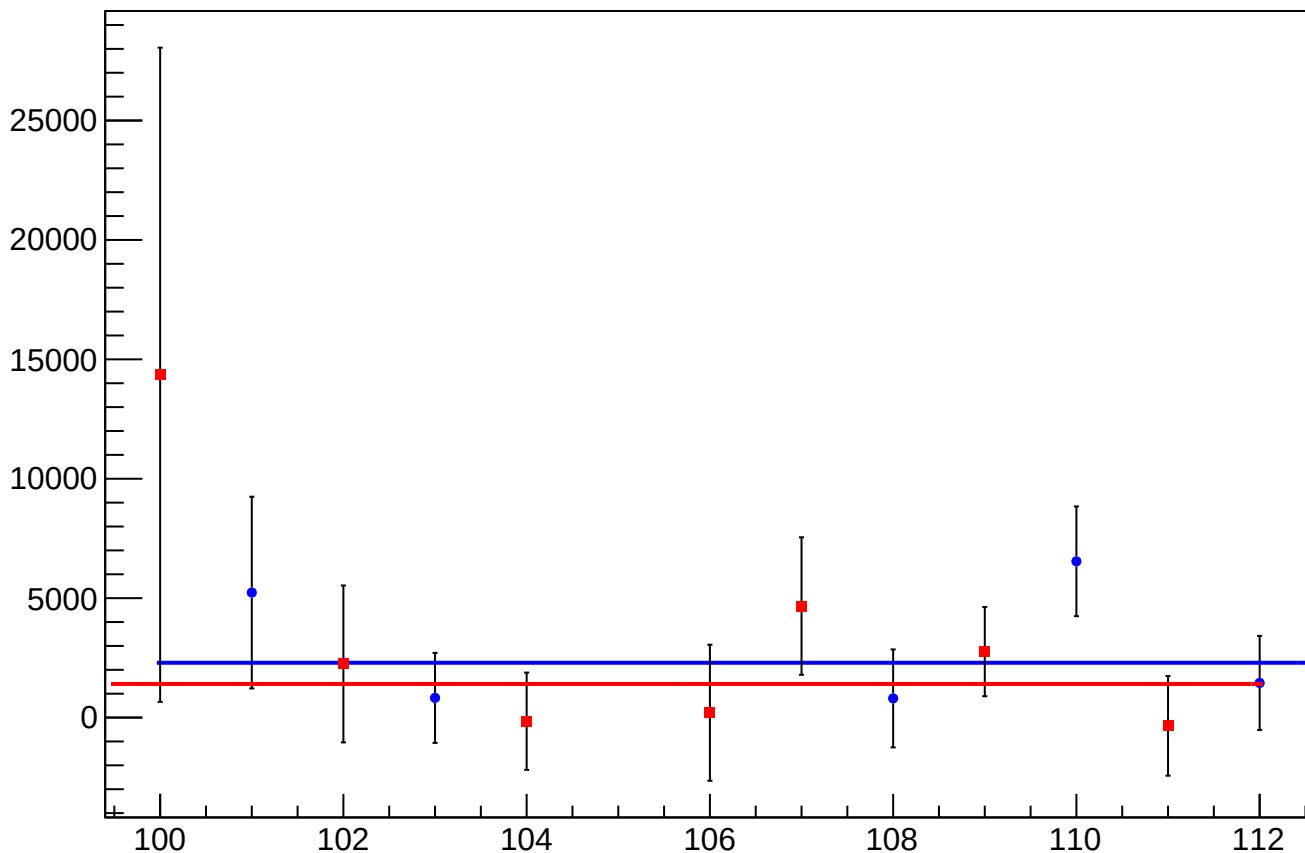
Right: 2655.111+/-0.875 χ^2/NDF : 1247376.0/11

In: 3108.827+/-1.461 χ^2/NDF : 411641.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2655.111+/-0.875 χ^2/NDF : 1247376.0/11

eigen_dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2295.281+/-986.277 χ^2/NDF : 5.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1407.892+/-953.824 χ^2/NDF : 4.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

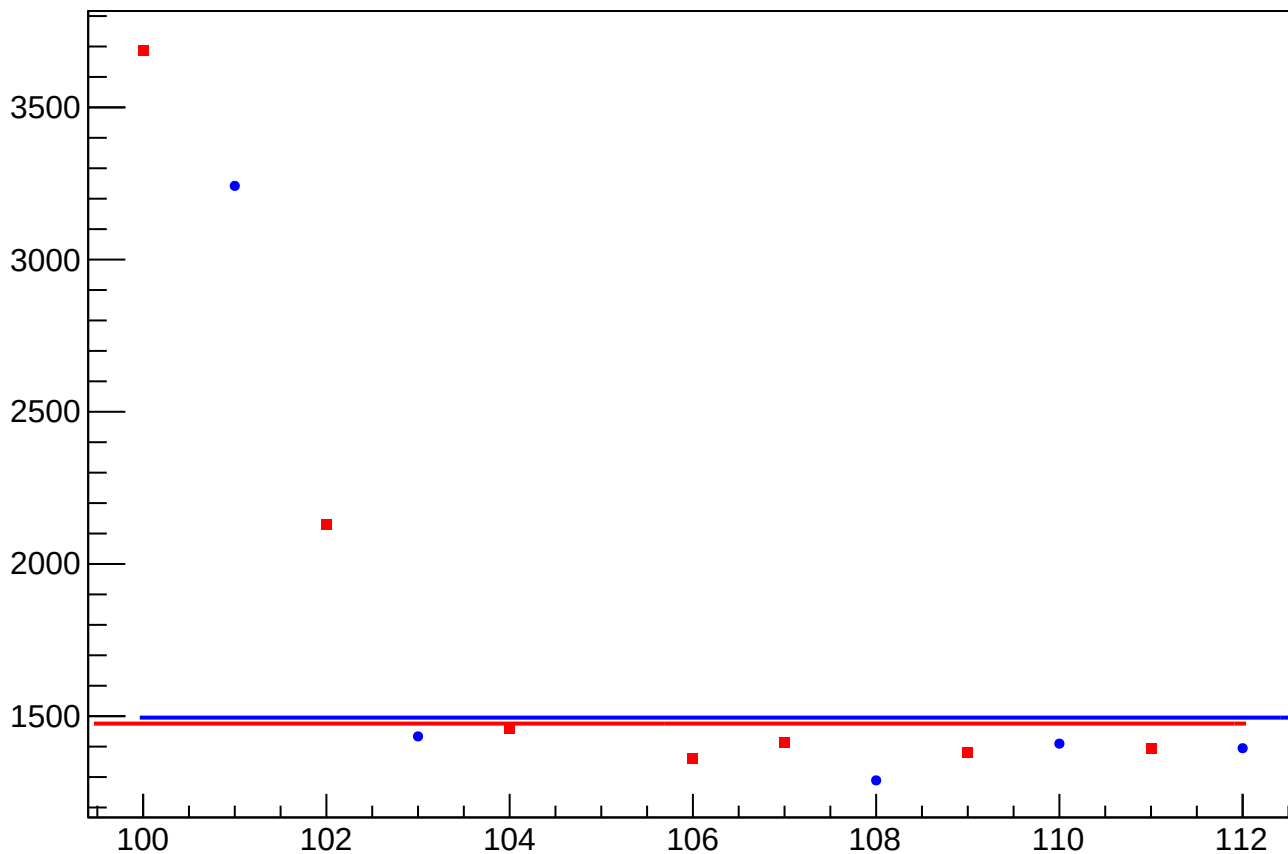
Right: 1836.747+/-685.641 χ^2/NDF : 9.9/11

In: 2295.281+/-986.277 χ^2/NDF : 5.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1836.747+/-685.641 χ^2/NDF : 9.9/11

eigen_dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1495.259+/-0.697 χ^2/NDF : 409141.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1475.635+/-0.673 χ^2/NDF : 144509.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

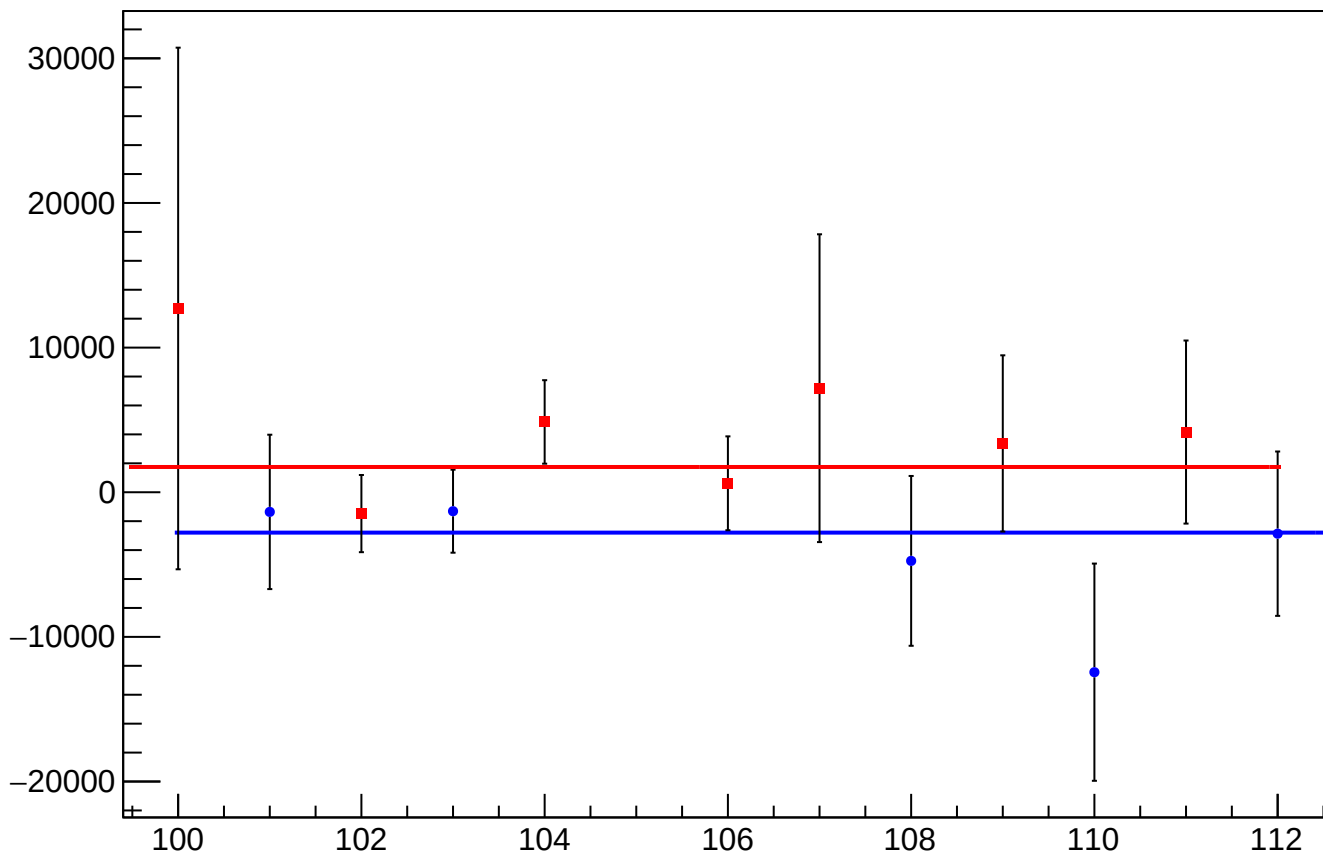
Right: 1485.097+/-0.484 χ^2/NDF : 554060.4/11

In: 1495.259+/-0.697 χ^2/NDF : 409141.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1485.097+/-0.484 χ^2/NDF : 554060.4/11

asym_atl_avg_atr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -2791.172+/-2065.945 χ^2/NDF : 2.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1746.426+/-1544.292 χ^2/NDF : 3.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

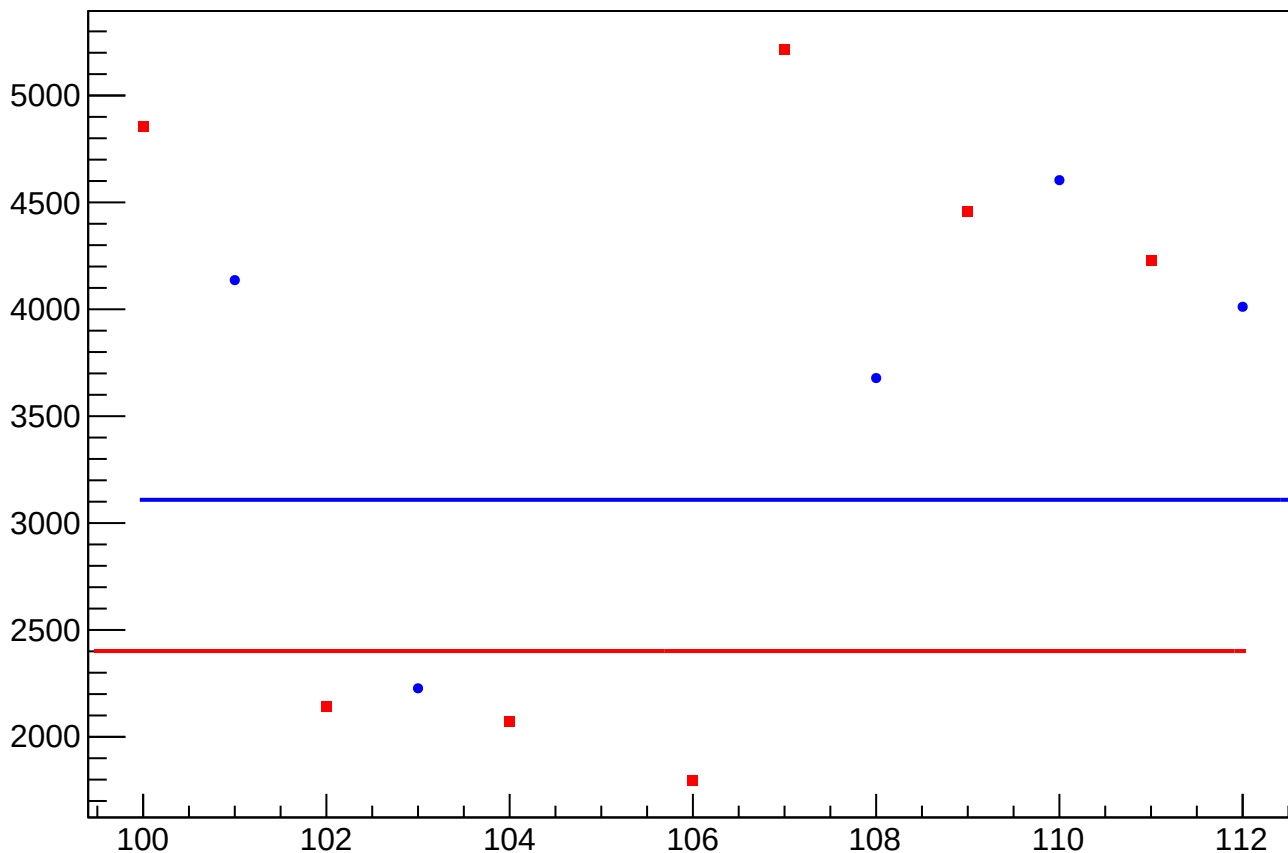
Right: 119.868+/-1236.917 χ^2/NDF : 8.8/11

In: -2791.172+/-2065.945 χ^2/NDF : 2.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.868+/-1236.917 χ^2/NDF : 8.8/11

asym_atl_avg_atr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3108.821+/-1.461 χ^2/NDF : 411641.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2401.589+/-1.092 χ^2/NDF : 685375.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

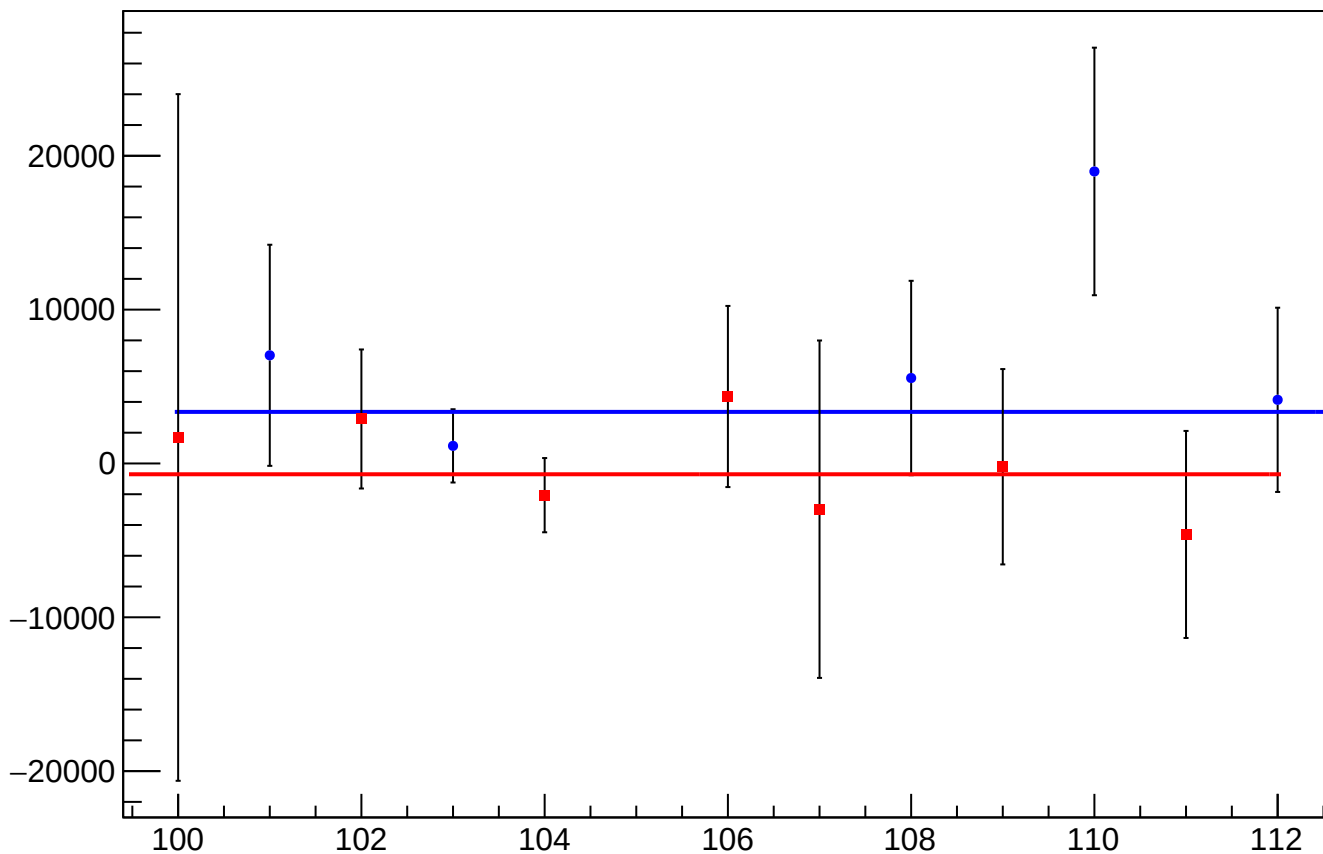
Right: 2655.105+/-0.875 χ^2/NDF : 1247378.7/11

In: 3108.821+/-1.461 χ^2/NDF : 411641.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2655.105+/-0.875 χ^2/NDF : 1247378.7/11

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3352.479+/-1945.879 χ^2/NDF : 5.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -702.371+/-1805.441 χ^2/NDF : 2.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

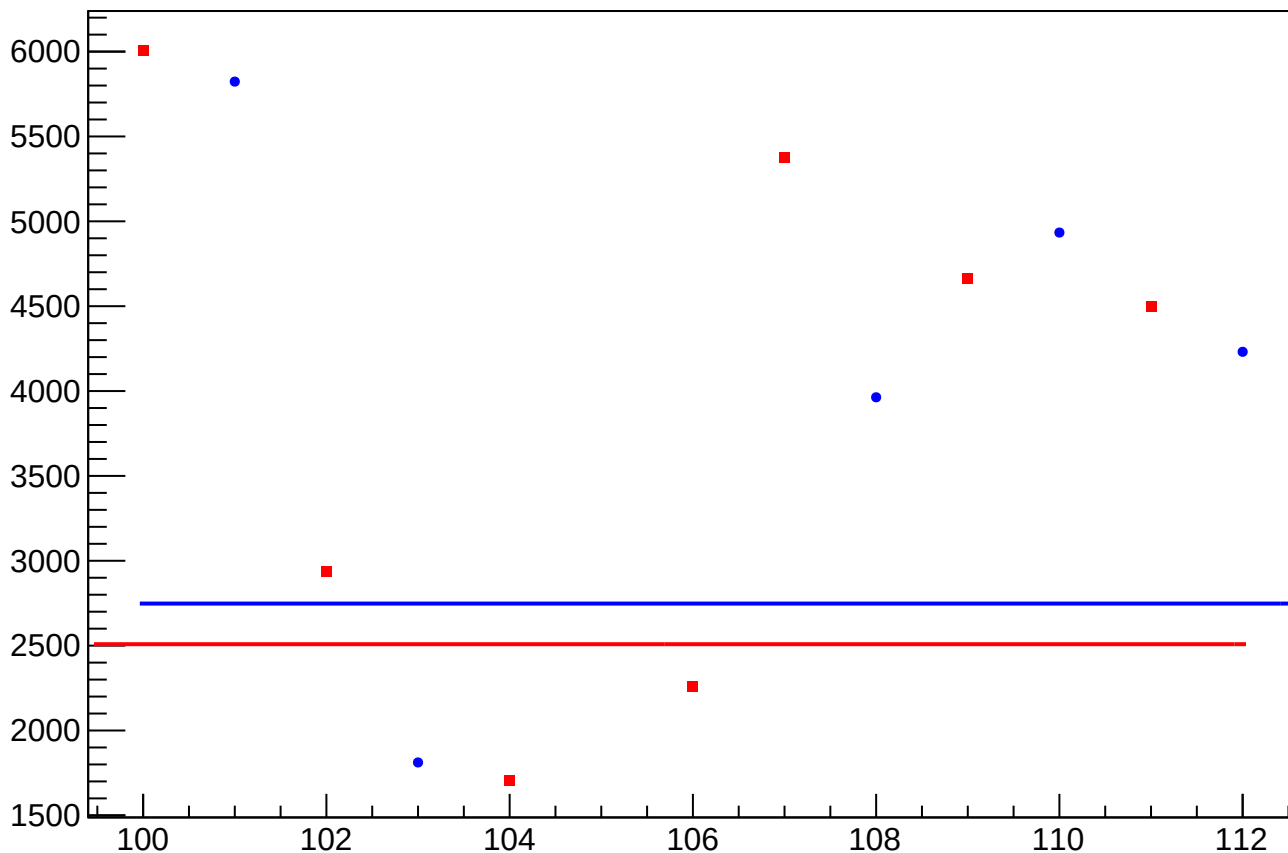
Right: 1173.465+/-1323.506 χ^2/NDF : 9.5/11

In: 3352.479+/-1945.879 χ^2/NDF : 5.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1173.465+/-1323.506 χ^2/NDF : 9.5/11

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2747.921+/-1.376 χ^2/NDF : 1019660.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2508.458+/-1.245 χ^2/NDF : 835463.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

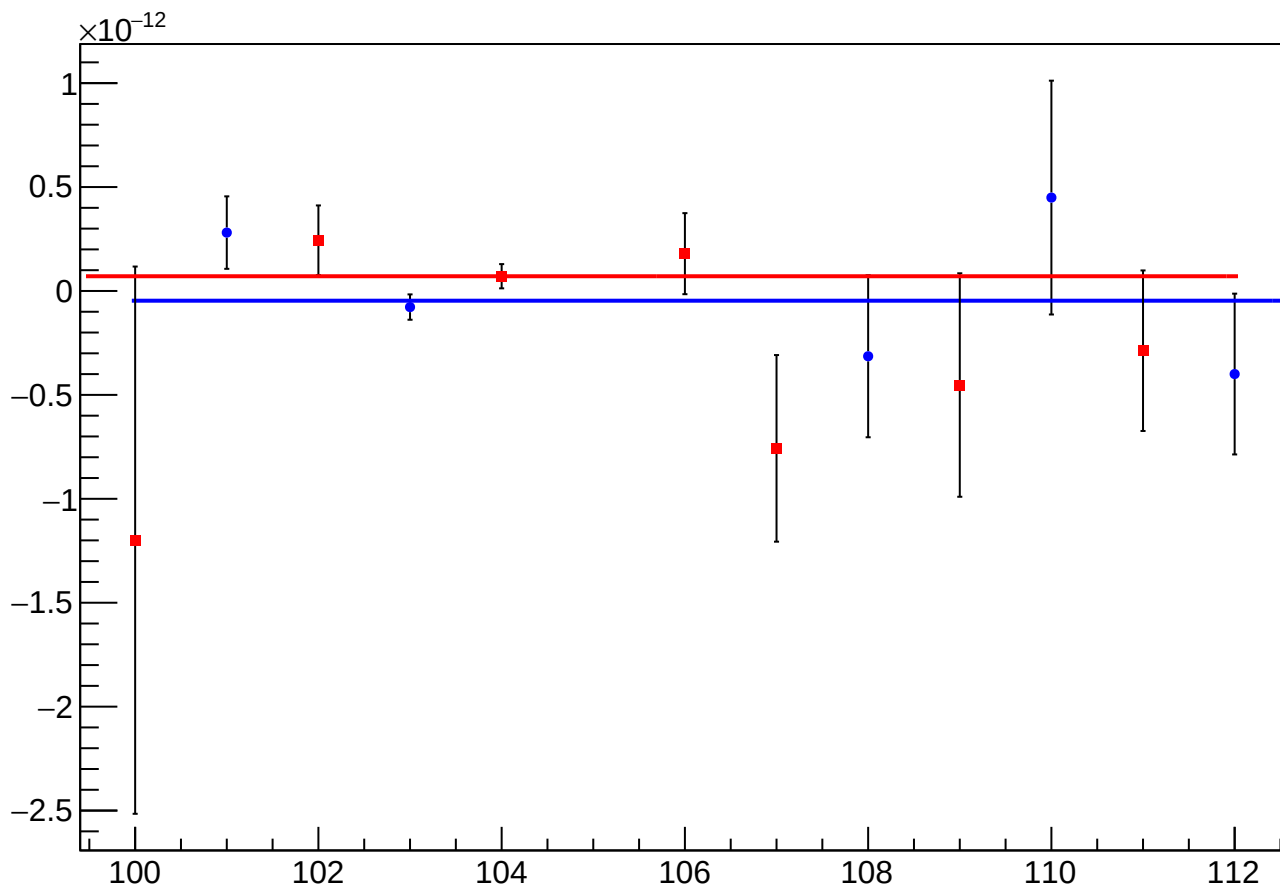
Right: 2616.291+/-0.923 χ^2/NDF : 1871773.0/11

In: 2747.921+/-1.376 χ^2/NDF : 1019660.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2616.291+/-0.923 χ^2/NDF : 1871773.0/11

asym_atl_avg_atr_avg_avg_reg_vs_slug_sign_corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

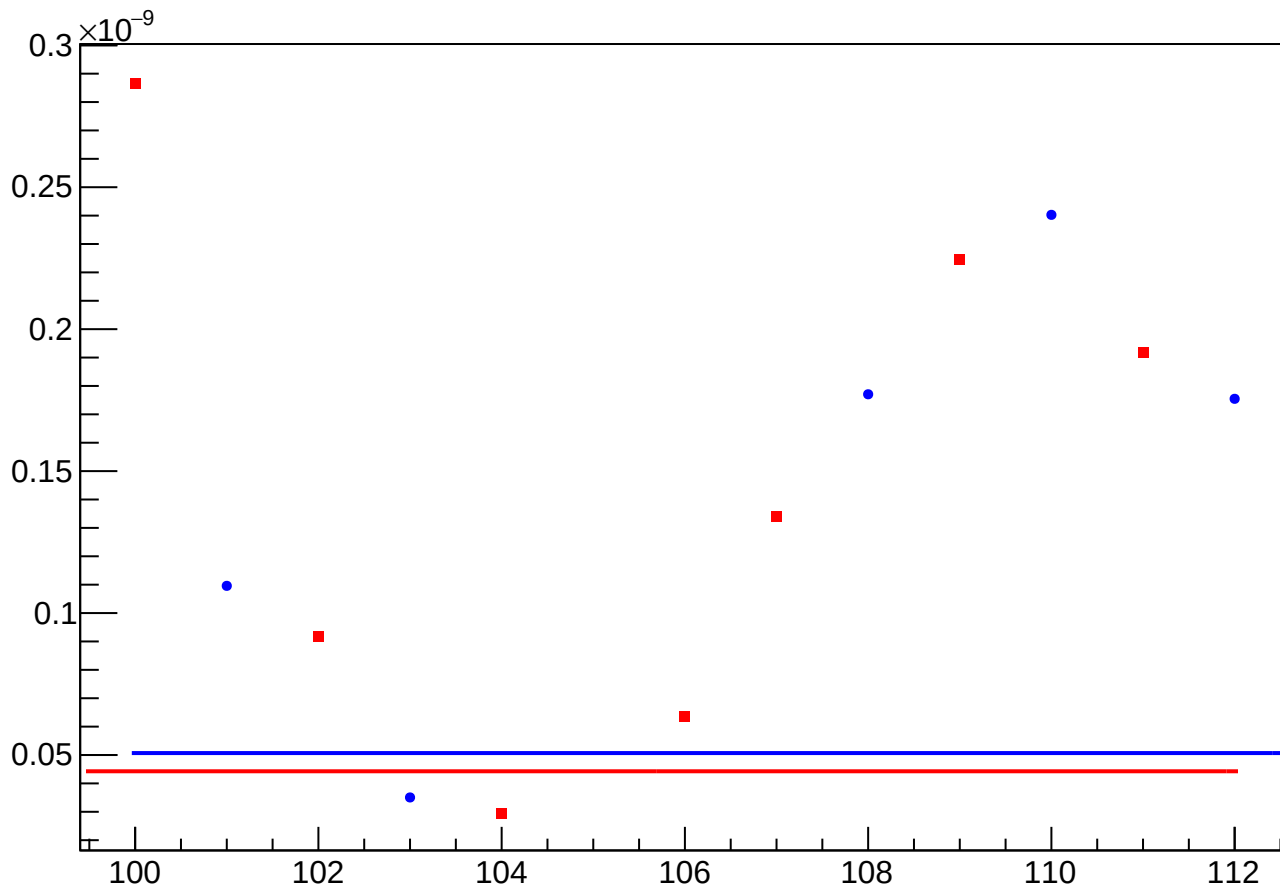
Right: 0.000+/-0.000 χ^2/NDF : 15.8/11

In: -0.000+/-0.000 χ^2/NDF : 5.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.8/11

asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1005074.6/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 974751.3/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

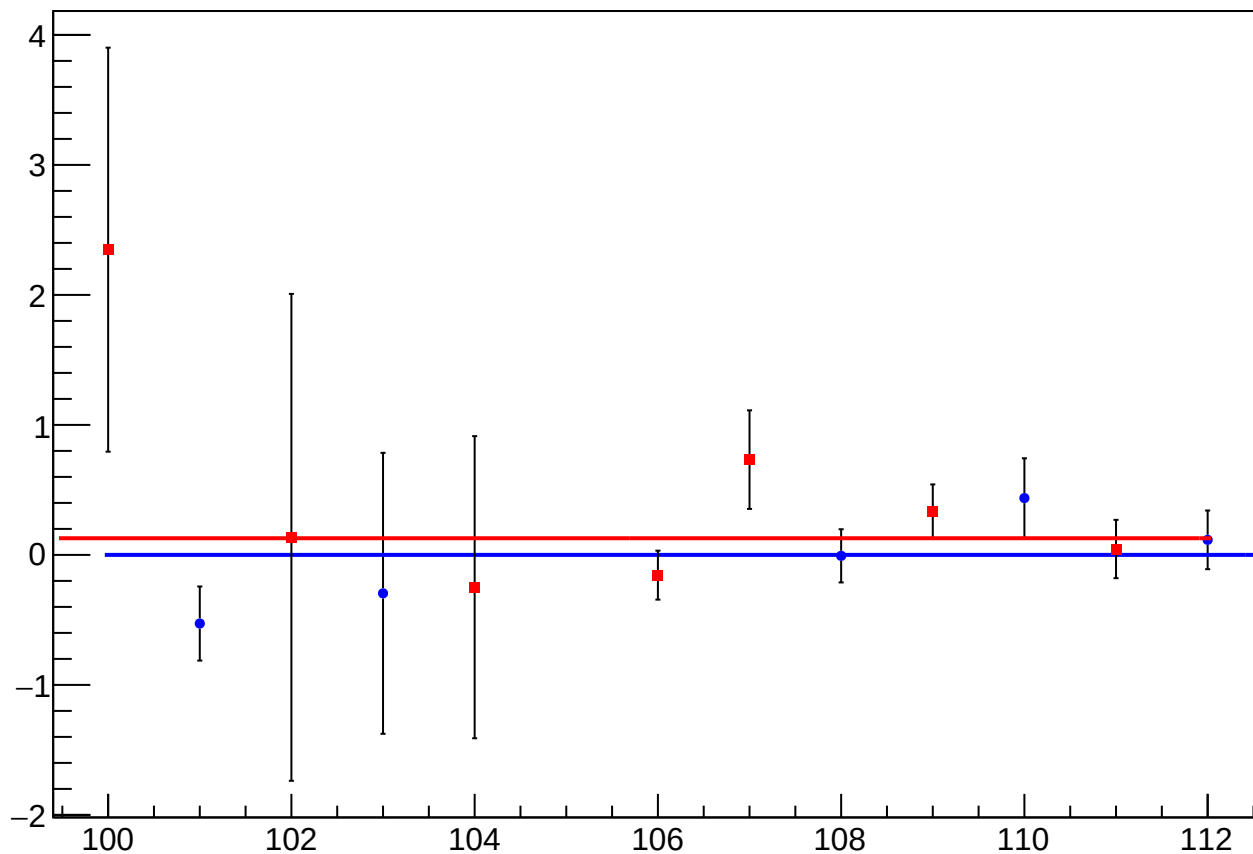
Right: 0.000+/-0.000 χ^2/NDF : 1993931.8/11

In: 0.000+/-0.000 χ^2/NDF :1005074.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1993931.8/11

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.122 χ^2/NDF : 5.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.128+/-0.112 χ^2/NDF : 8.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

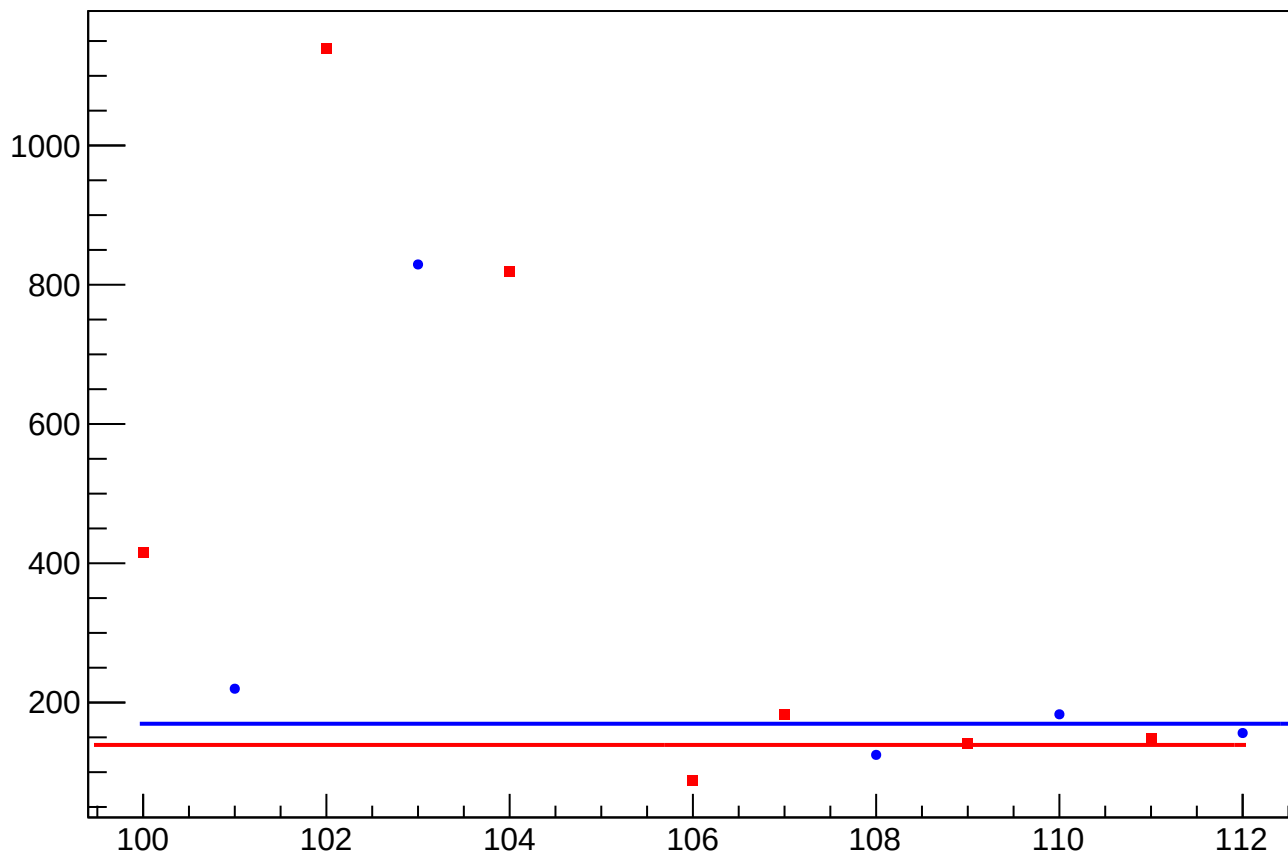
Right: 0.070+/-0.082 χ^2/NDF : 14.5/11

In: 0.000+/-0.122 χ^2/NDF : 5.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.070+/-0.082 χ^2/NDF : 14.5/11

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 169.537+/-0.086 χ^2/NDF : 913700.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.107+/-0.079 χ^2/NDF : 1497395.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

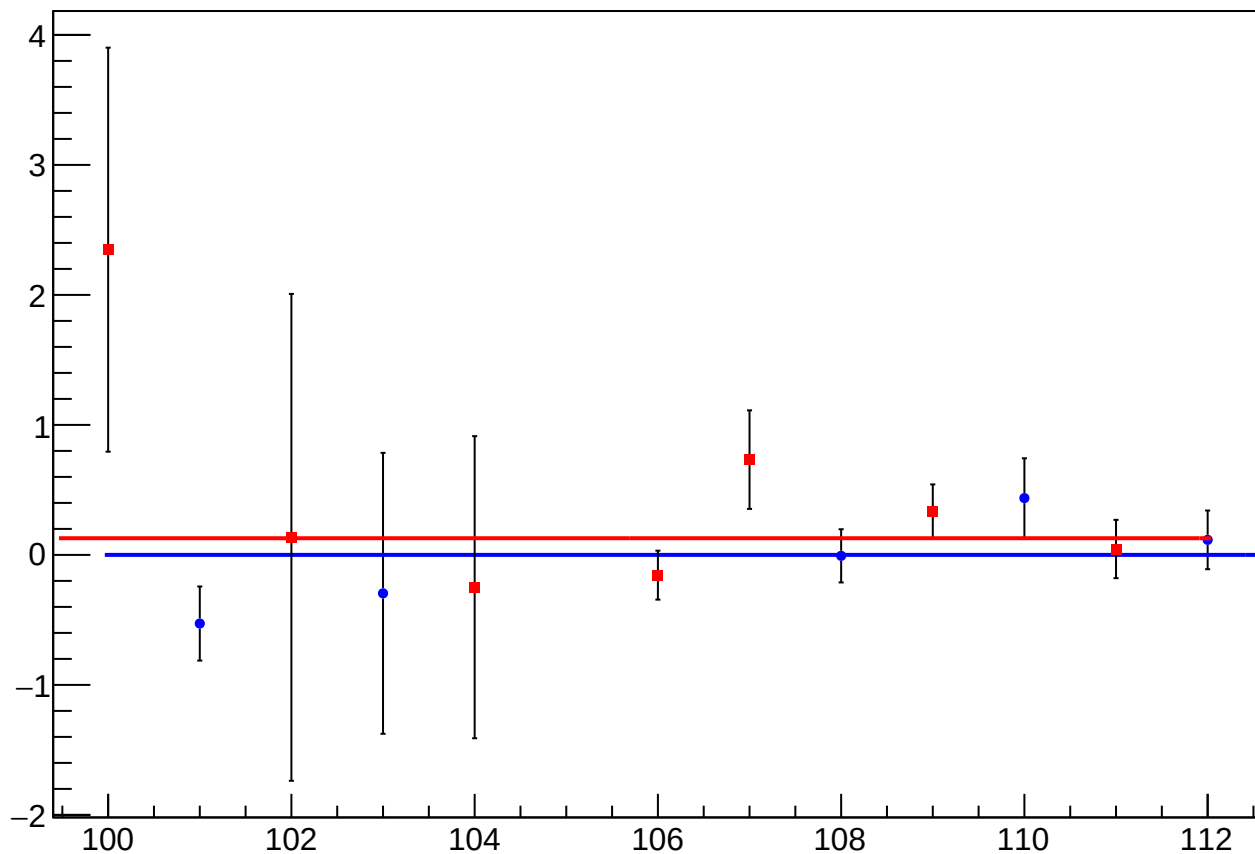
Right: 153.041+/-0.058 χ^2/NDF : 2478705.0/11

In: 169.537+/-0.086 χ^2/NDF : 913700.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.041+/-0.058 χ^2/NDF : 2478705.0/11

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.122 χ^2/NDF : 5.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.128+/-0.112 χ^2/NDF : 8.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

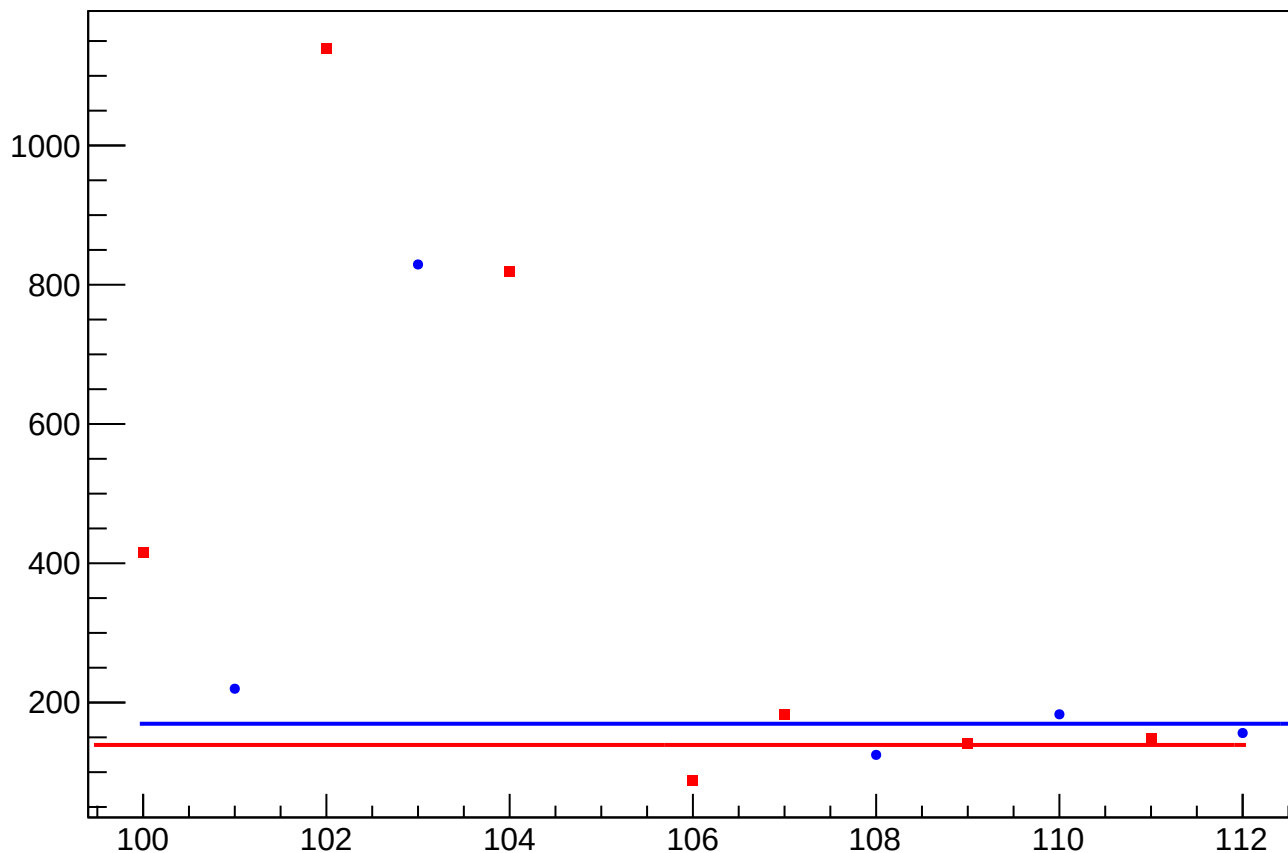
Right: 0.070+/-0.082 χ^2/NDF : 14.5/11

In: 0.000+/-0.122 χ^2/NDF : 5.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.070+/-0.082 χ^2/NDF : 14.5/11

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 169.537+/-0.086 χ^2/NDF : 913700.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.107+/-0.079 χ^2/NDF : 1497395.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

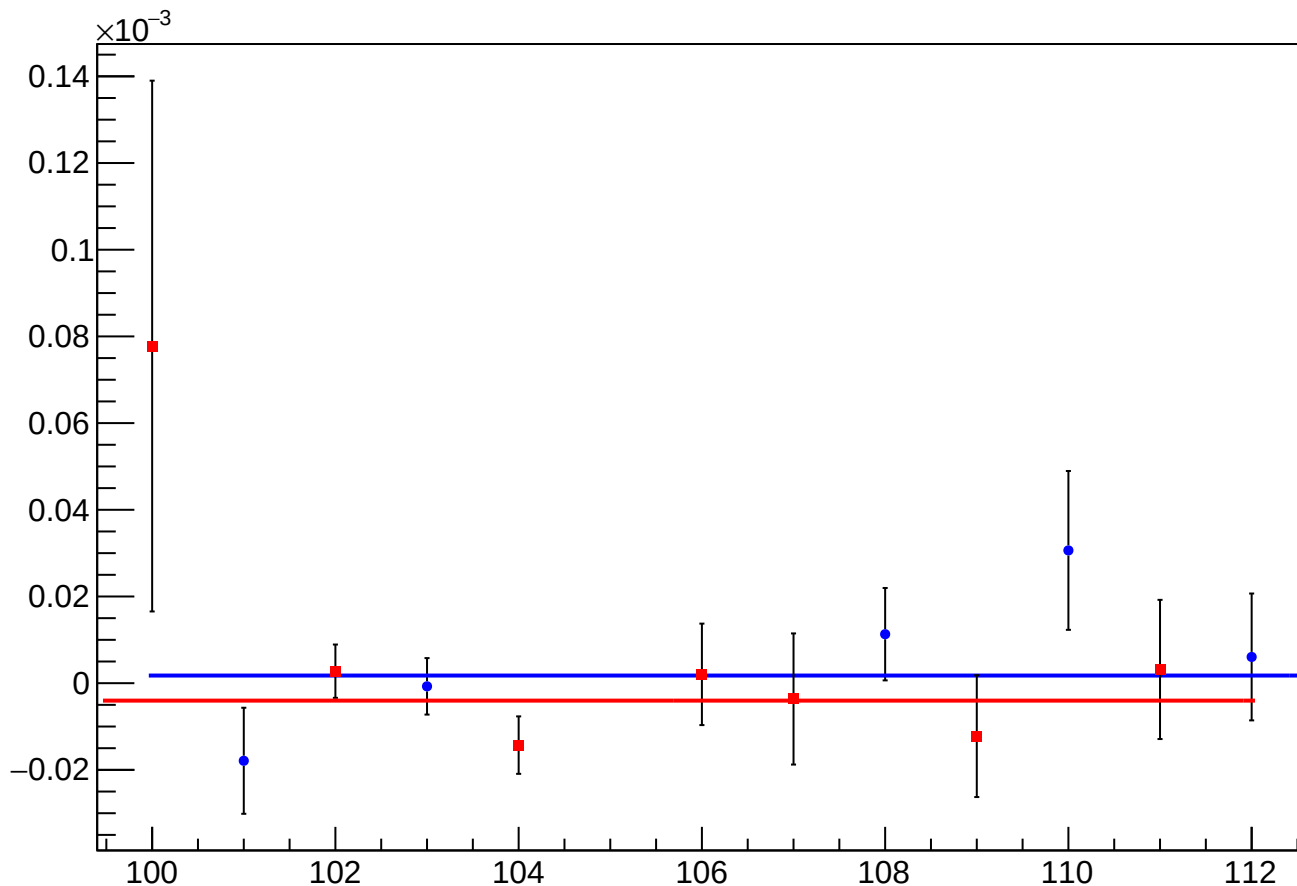
Right: 153.041+/-0.058 χ^2/NDF : 2478705.0/11

In: 169.537+/-0.086 χ^2/NDF : 913700.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.041+/-0.058 χ^2/NDF : 2478705.0/11

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 : 6.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

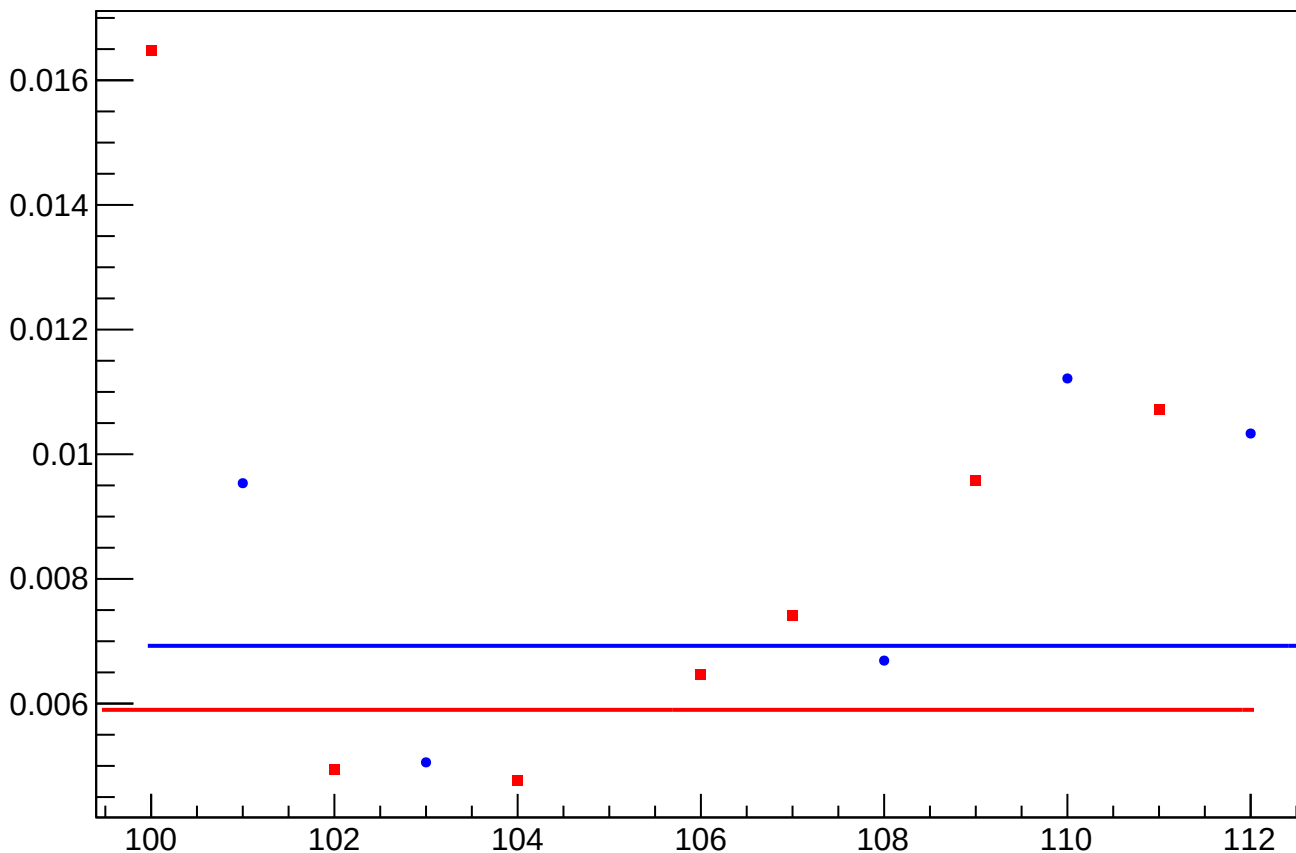
Right: -0.000+/-0.000 χ^2/NDF : 13.2/11

In: 0.000+/-0.000 χ^2/NDF : 6.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.2/11

asym_atl_avg_atr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 474589.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 509027.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

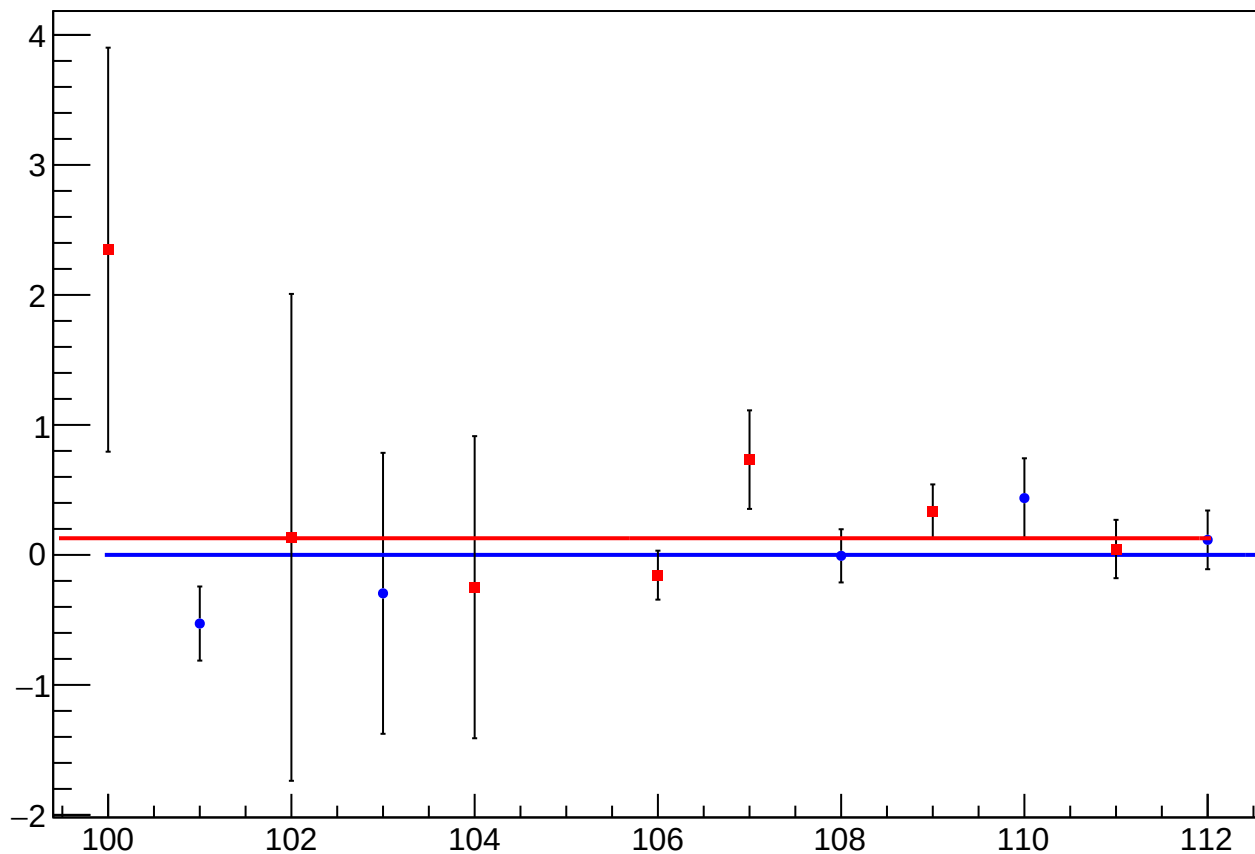
Right: 0.006+/-0.000 χ^2/NDF : 1042727.3/11

In: 0.007+/-0.000 χ^2/NDF : 474589.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1042727.3/11

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.122 χ^2/NDF : 5.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.128+/-0.112 χ^2/NDF : 8.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

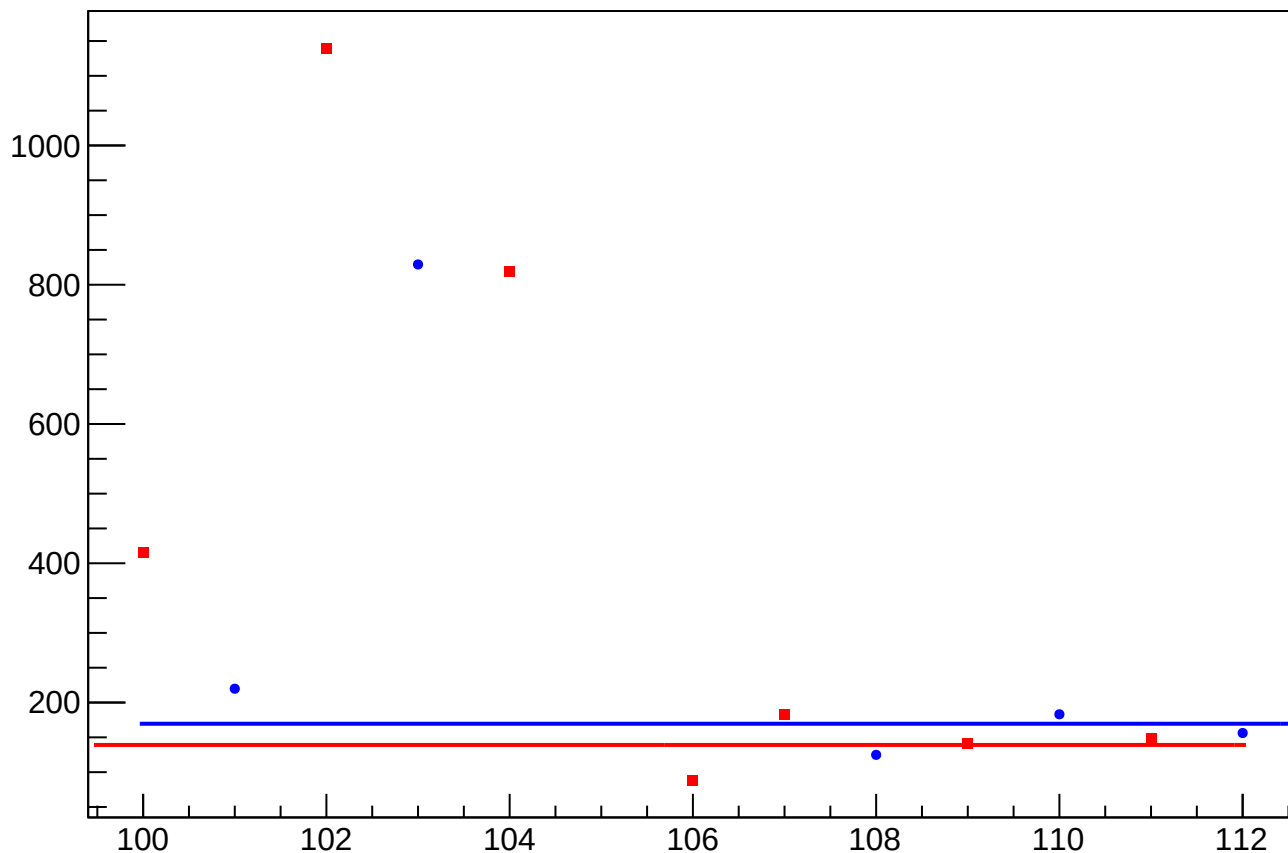
Right: 0.070+/-0.082 χ^2/NDF : 14.5/11

In: 0.000+/-0.122 χ^2/NDF : 5.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.070+/-0.082 χ^2/NDF : 14.5/11

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 169.540+/-0.086 χ^2/NDF : 913682.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.107+/-0.079 χ^2/NDF : 1497410.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

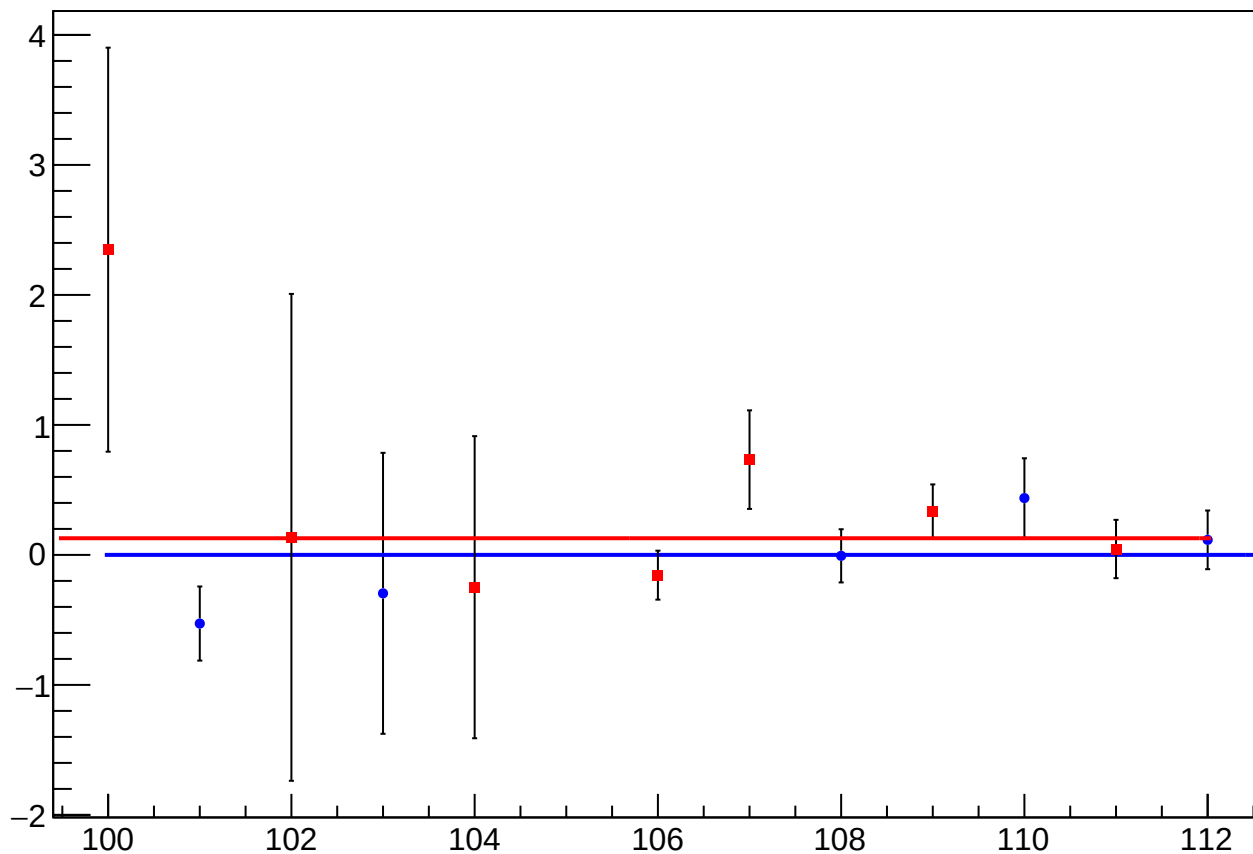
Right: 153.042+/-0.058 χ^2/NDF : 2478715.1/11

In: 169.540+/-0.086 χ^2/NDF : 913682.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.042+/-0.058 χ^2/NDF : 2478715.1/11

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.122 χ^2/NDF : 5.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.128+/-0.112 χ^2/NDF : 8.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

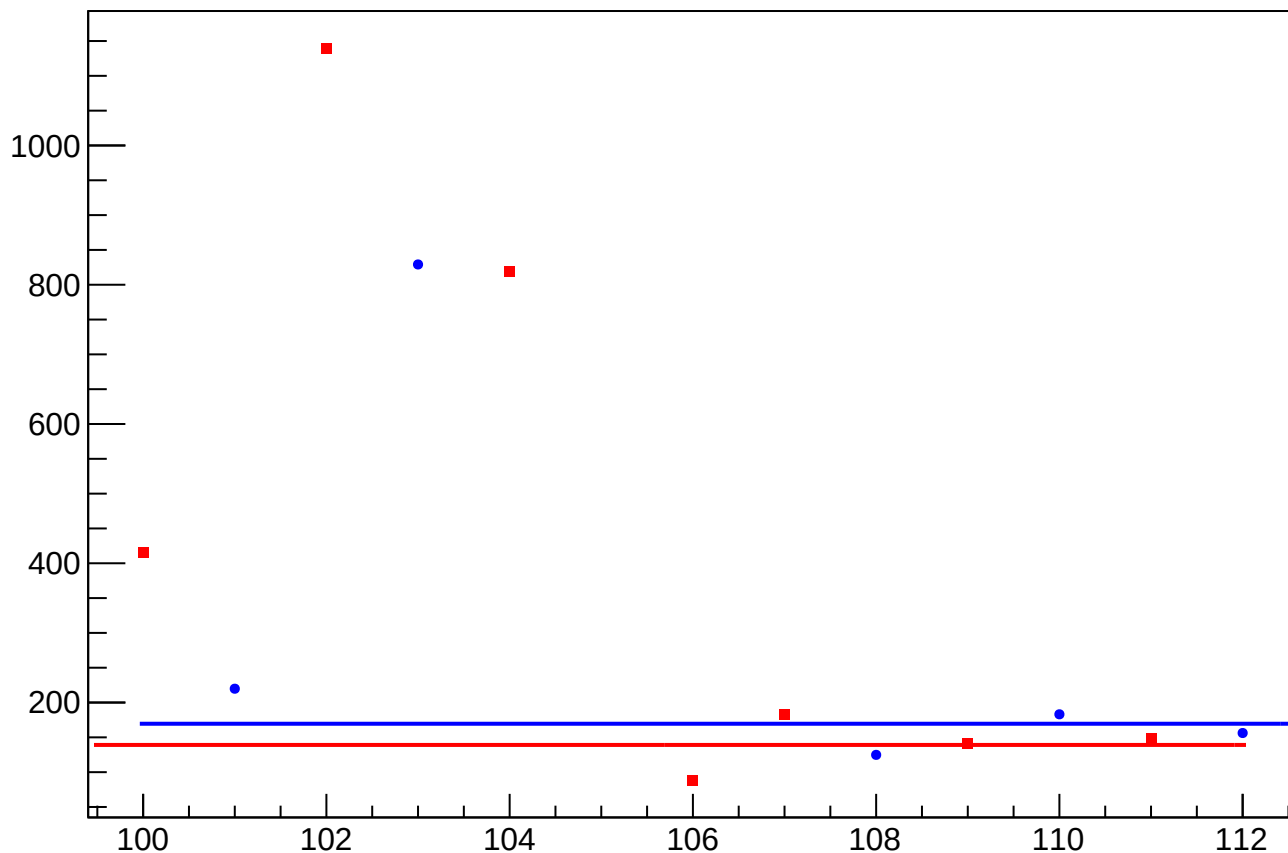
Right: 0.070+/-0.082 χ^2/NDF : 14.5/11

In: 0.000+/-0.122 χ^2/NDF : 5.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.070+/-0.082 χ^2/NDF : 14.5/11

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 169.540+/-0.086 χ^2/NDF : 913682.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.107+/-0.079 χ^2/NDF : 1497410.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

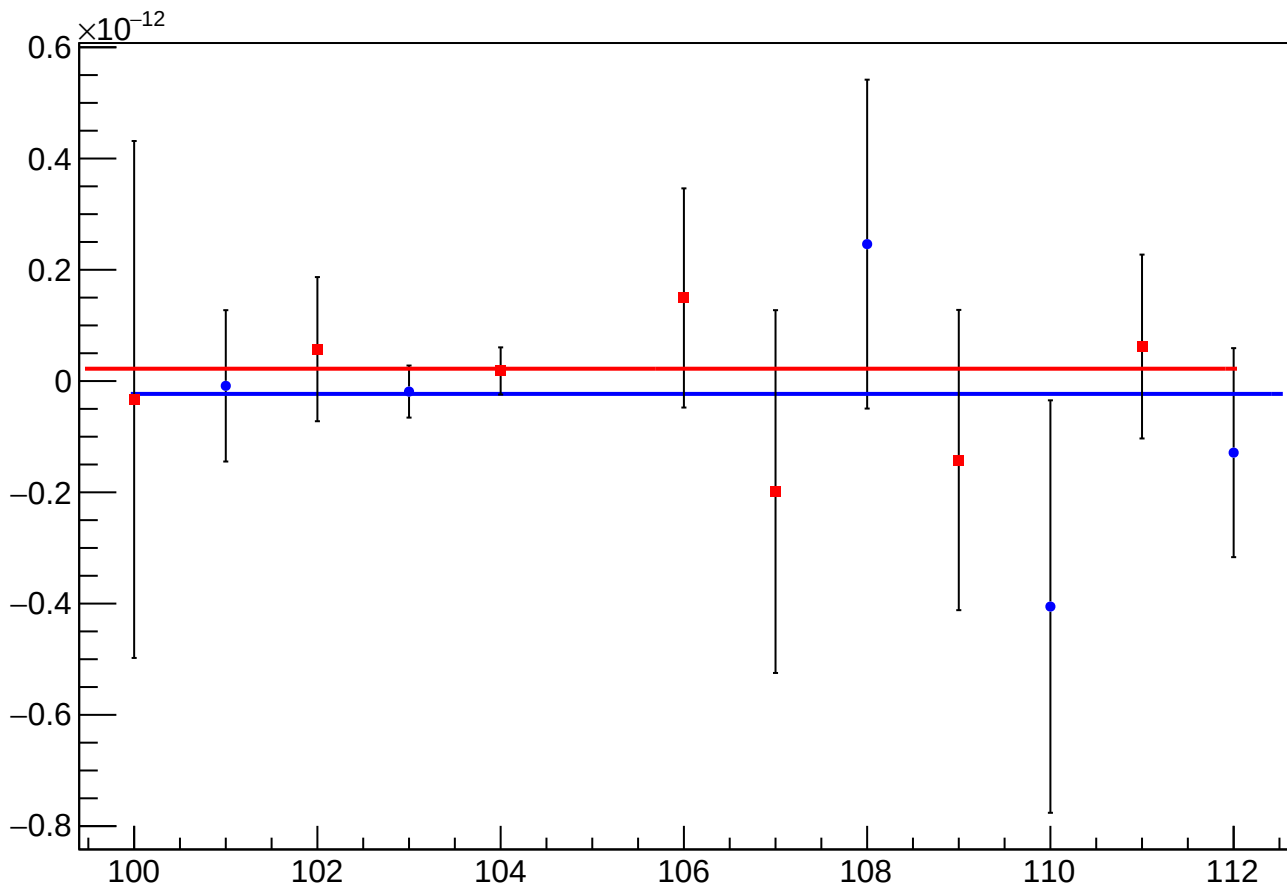
Right: 153.042+/-0.058 χ^2/NDF : 2478715.1/11

In: 169.540+/-0.086 χ^2/NDF : 913682.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.042+/-0.058 χ^2/NDF : 2478715.1/11

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 : 2.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

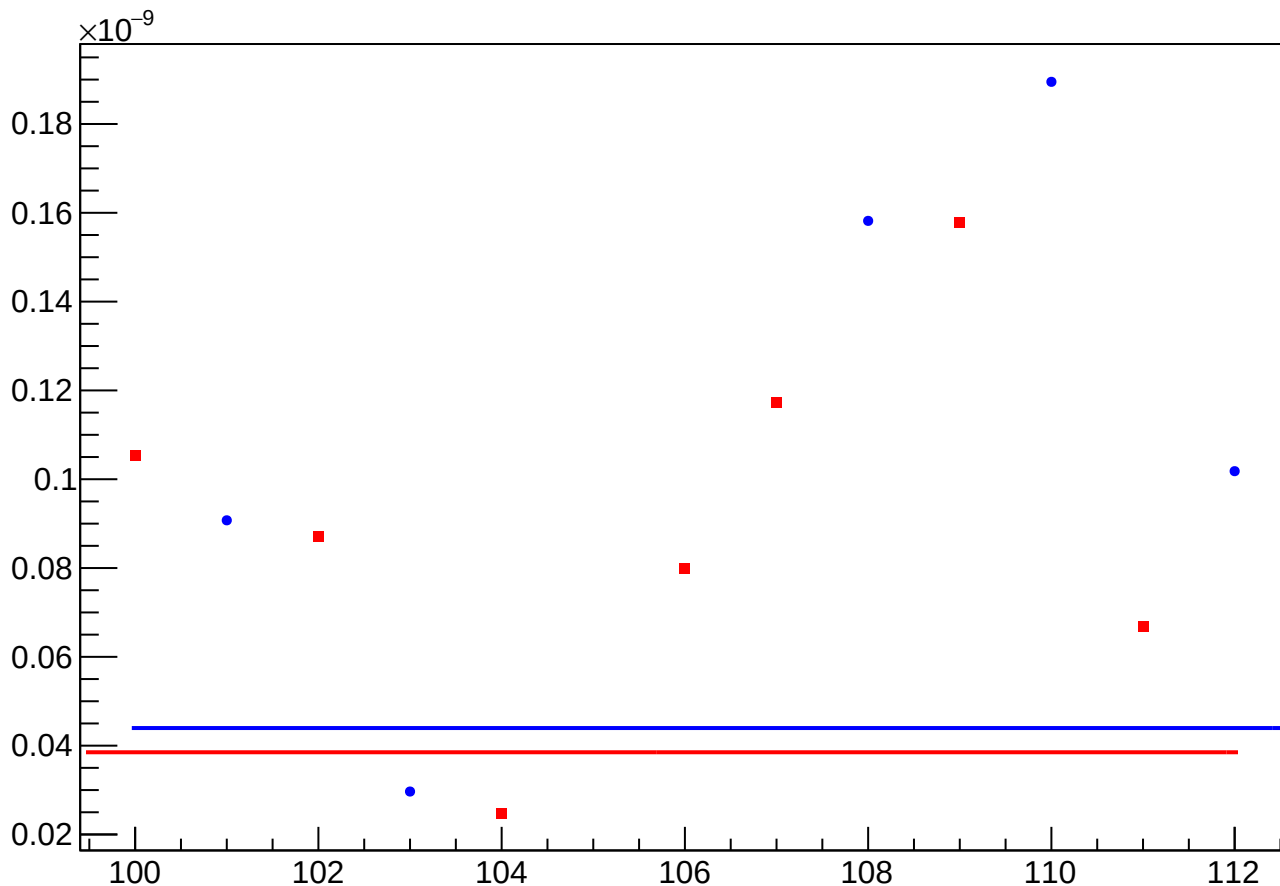
Right: 0.000+/-0.000 χ^2/NDF : 4.3/11

In: -0.000+/-0.000 χ^2/NDF : 2.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.3/11

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 : 1219857.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1191030.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

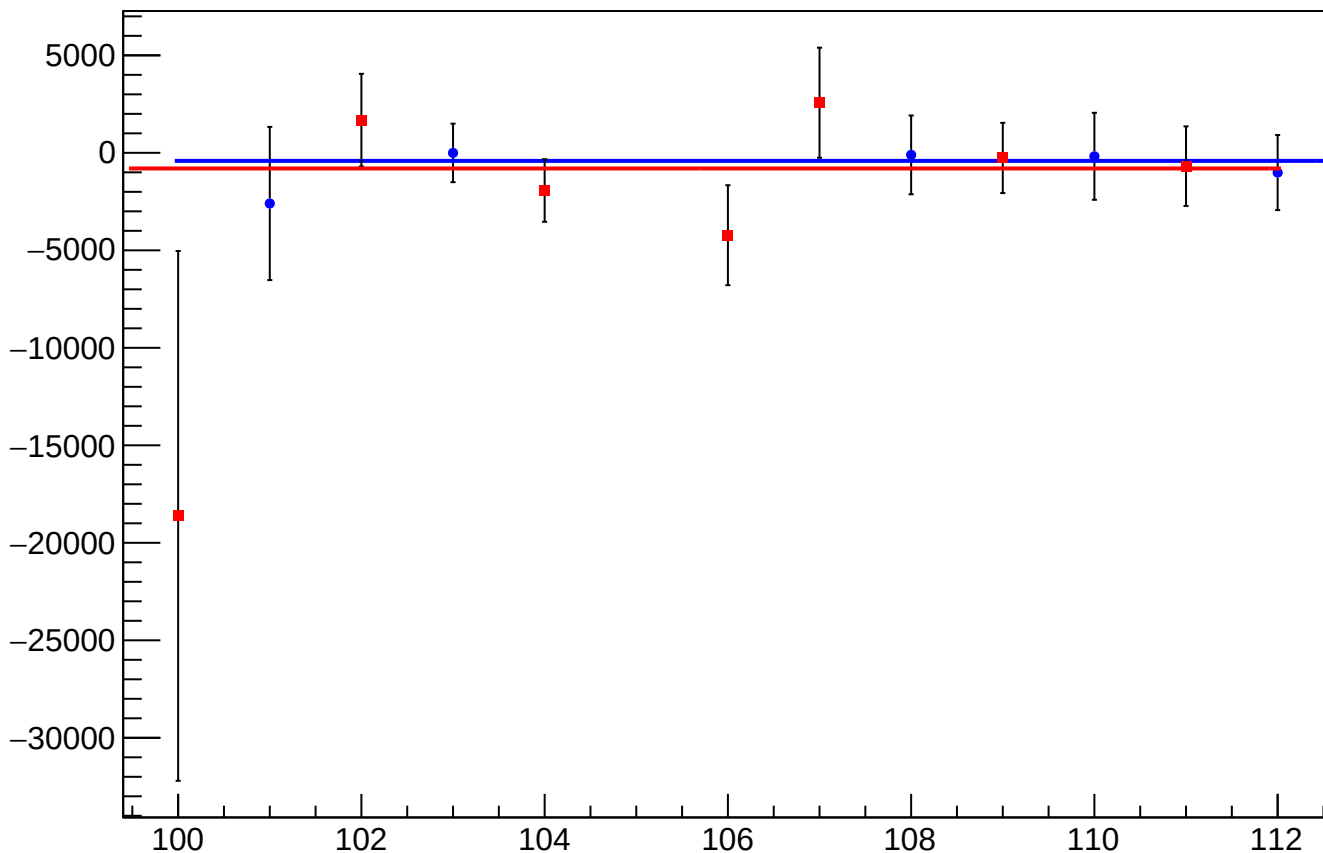
Right: 0.000+/-0.000 χ^2/NDF : 2429447.8/11

In: 0.000+/-0.000 χ^2/NDF : 1219857.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2429447.8/11

reg_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -411.890+/-903.574 χ^2/NDF : 0.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -801.185+/-846.045 χ^2/NDF : 6.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

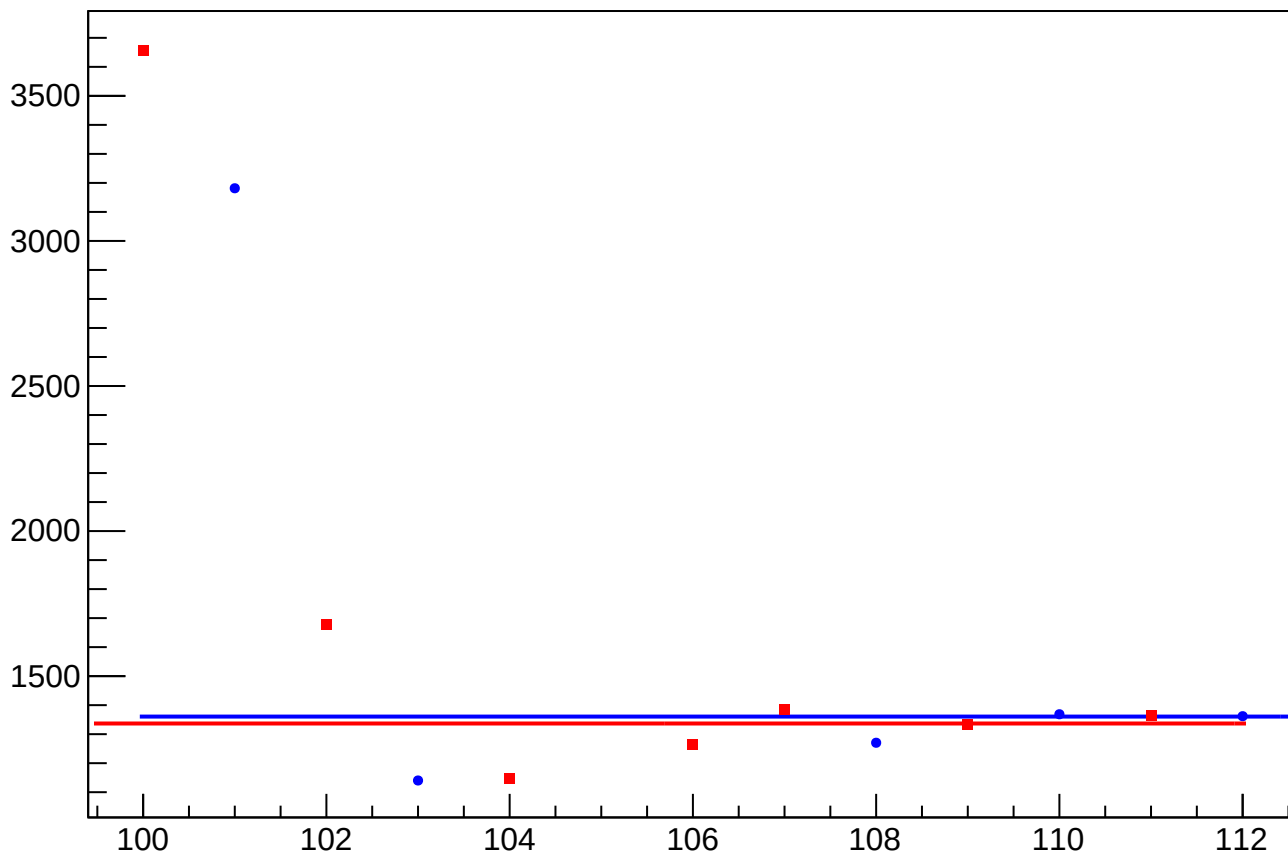
Right: -619.324+/-617.581 χ^2/NDF : 7.2/11

In: -411.890+/-903.574 χ^2/NDF : 0.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -619.324+/-617.581 χ^2/NDF : 7.2/11

reg_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1360.620+/-0.639 χ^2/NDF : 476804.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1336.770+/-0.598 χ^2/NDF : 129304.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

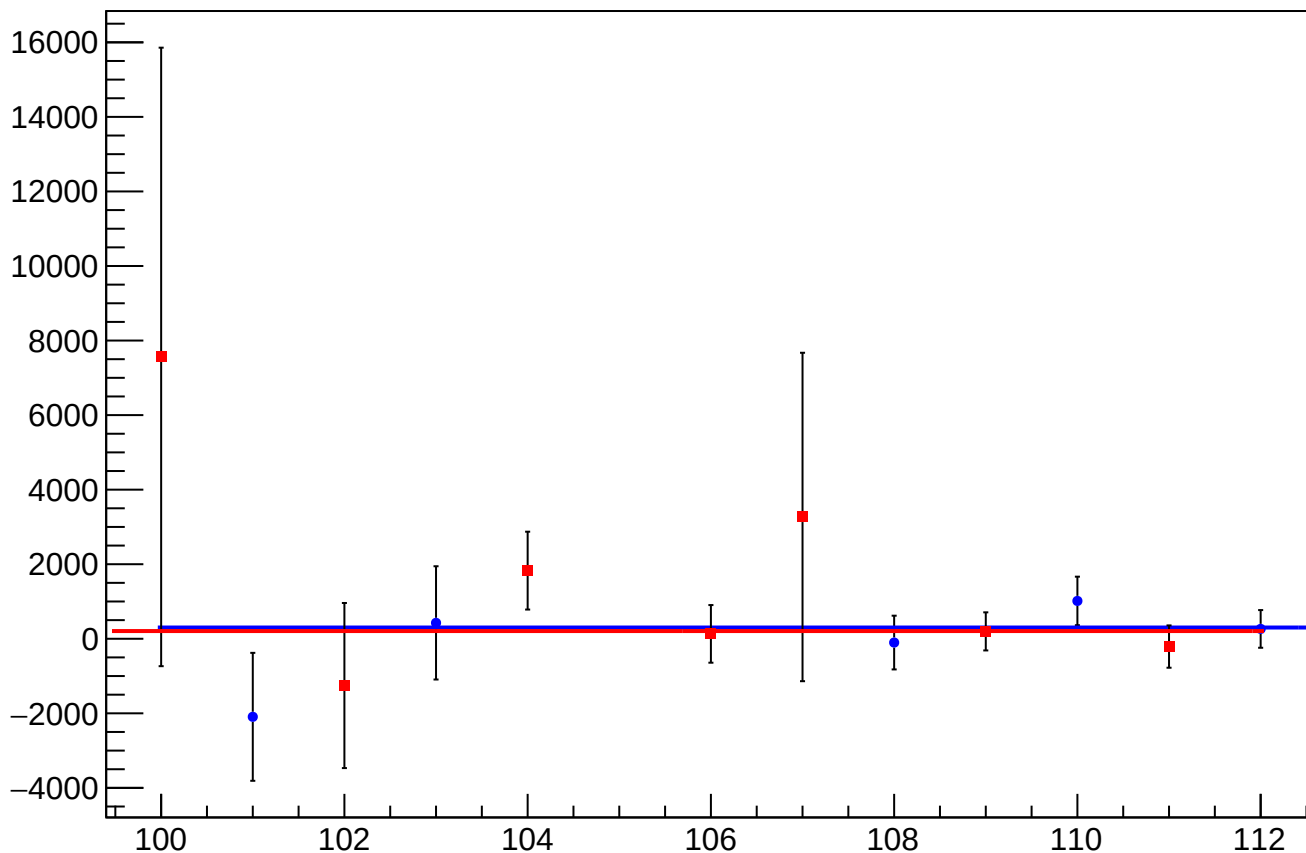
Right: 1347.911+/-0.437 χ^2/NDF : 606851.8/11

In: 1360.620+/-0.639 χ^2/NDF : 476804.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1347.911+/-0.437 χ^2/NDF : 606851.8/11

asym_atl_avg_atr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 301.693+/-333.866 χ^2/NDF : 3.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 206.909+/-319.538 χ^2/NDF : 4.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

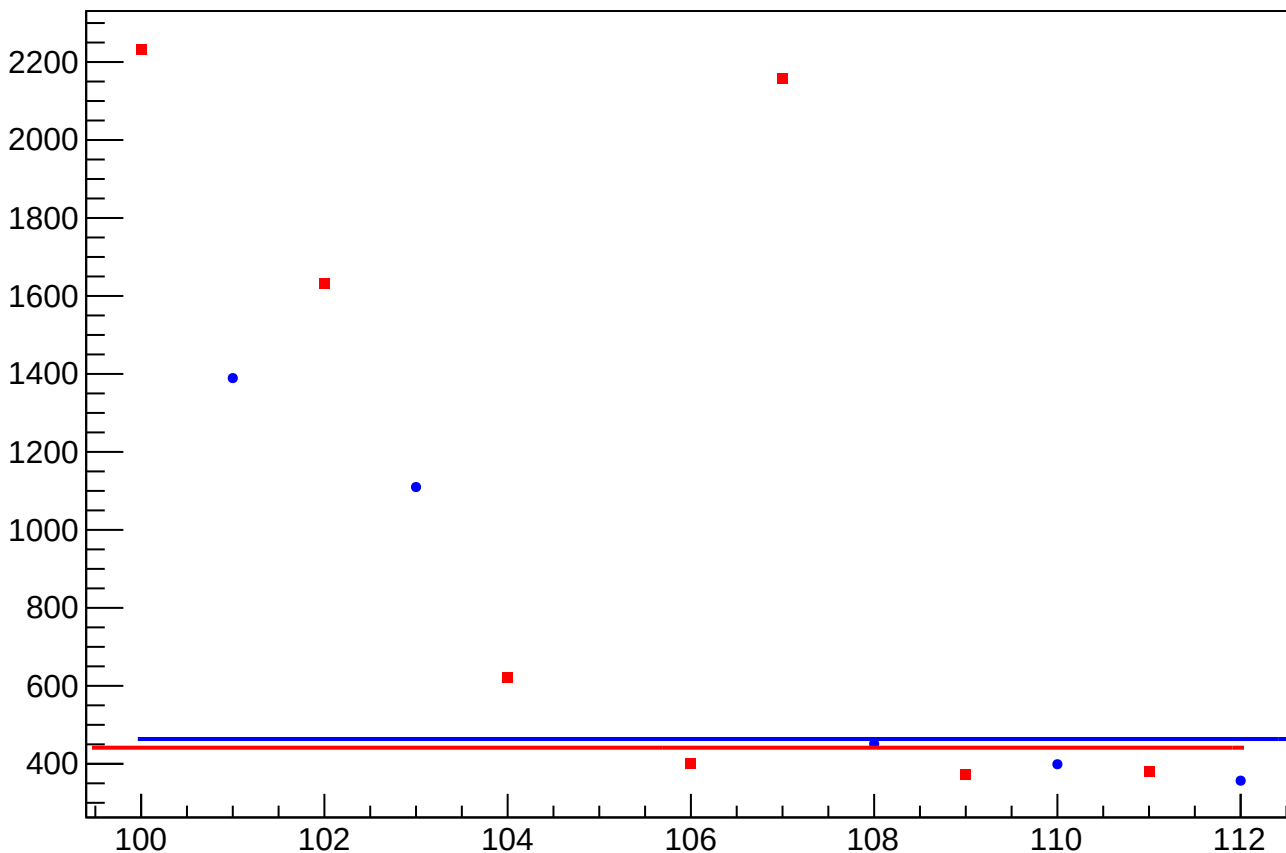
Right: 252.223+/-230.847 χ^2/NDF : 8.2/11

In: 301.693+/-333.866 χ^2/NDF : 3.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 252.223+/-230.847 χ^2/NDF : 8.2/11

asym_atl_avg_atr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 463.667 $\pm$ 0.236 χ^2 /NDF: 1053457.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 441.396 $\pm$ 0.226 χ^2 /NDF: 1099507.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

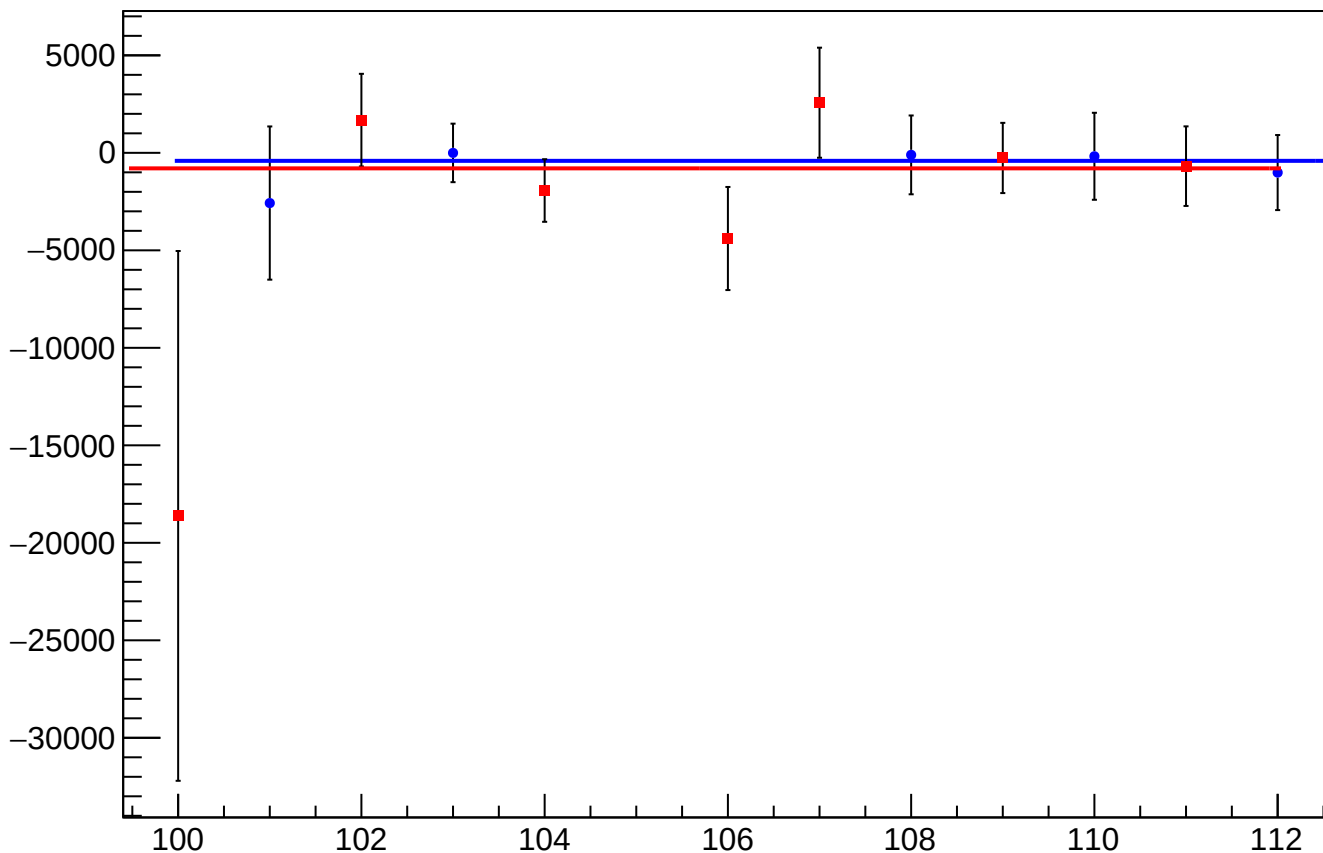
Right: 452.044 $\pm$ 0.163 χ^2 /NDF: 2157610.0/11

In: 463.667 $\pm$ 0.236 χ^2 /NDF:1053457.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 452.044 $\pm$ 0.163 χ^2 /NDF: 2157610.0/11

cor_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -410.566+/-903.574 χ^2/NDF : 0.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -796.279+/-848.816 χ^2/NDF : 6.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

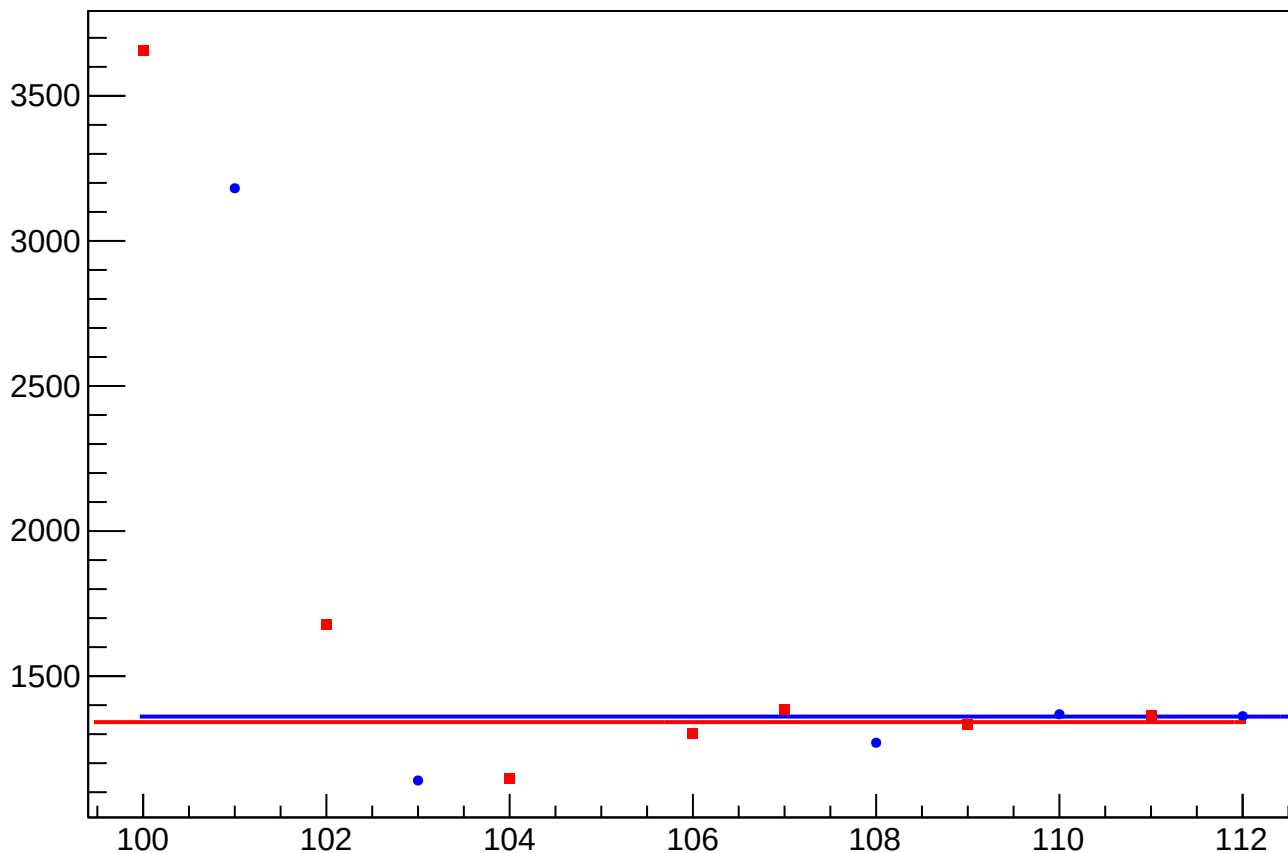
Right: -615.463+/-618.657 χ^2/NDF : 7.3/11

In: -410.566+/-903.574 χ^2/NDF : 0.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -615.463+/-618.657 χ^2/NDF : 7.3/11

cor_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1360.619+/-0.639 χ^2/NDF : 476806.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1341.458+/-0.600 χ^2/NDF : 127900.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

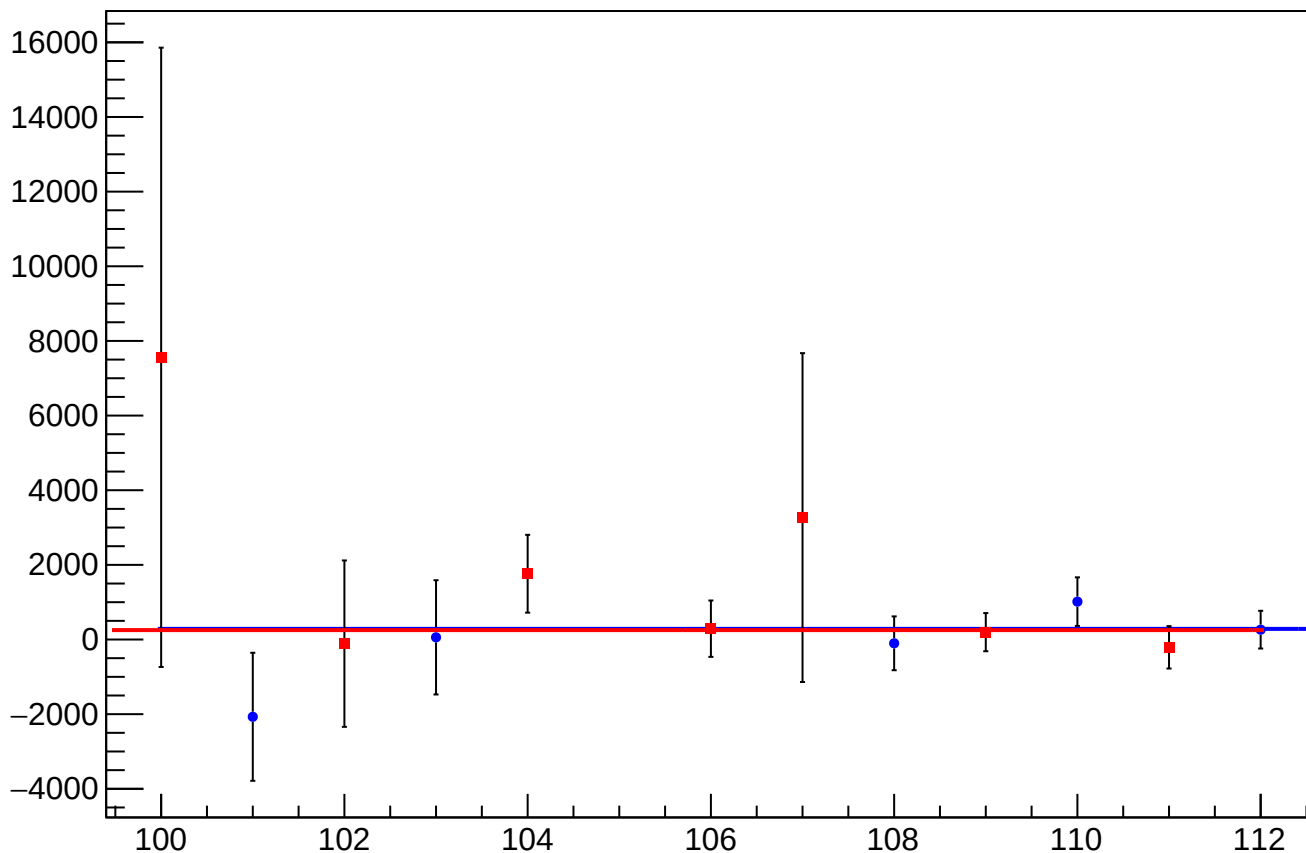
Right: 1350.440+/-0.437 χ^2/NDF : 605184.8/11

In: 1360.619+/-0.639 χ^2/NDF : 476806.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1350.440+/-0.437 χ^2/NDF : 605184.8/11

asym_atl_avg_atr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 284.887 $\pm$ 333.976 χ^2 /NDF: 3.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 252.374 $\pm$ 318.200 χ^2 /NDF: 4.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

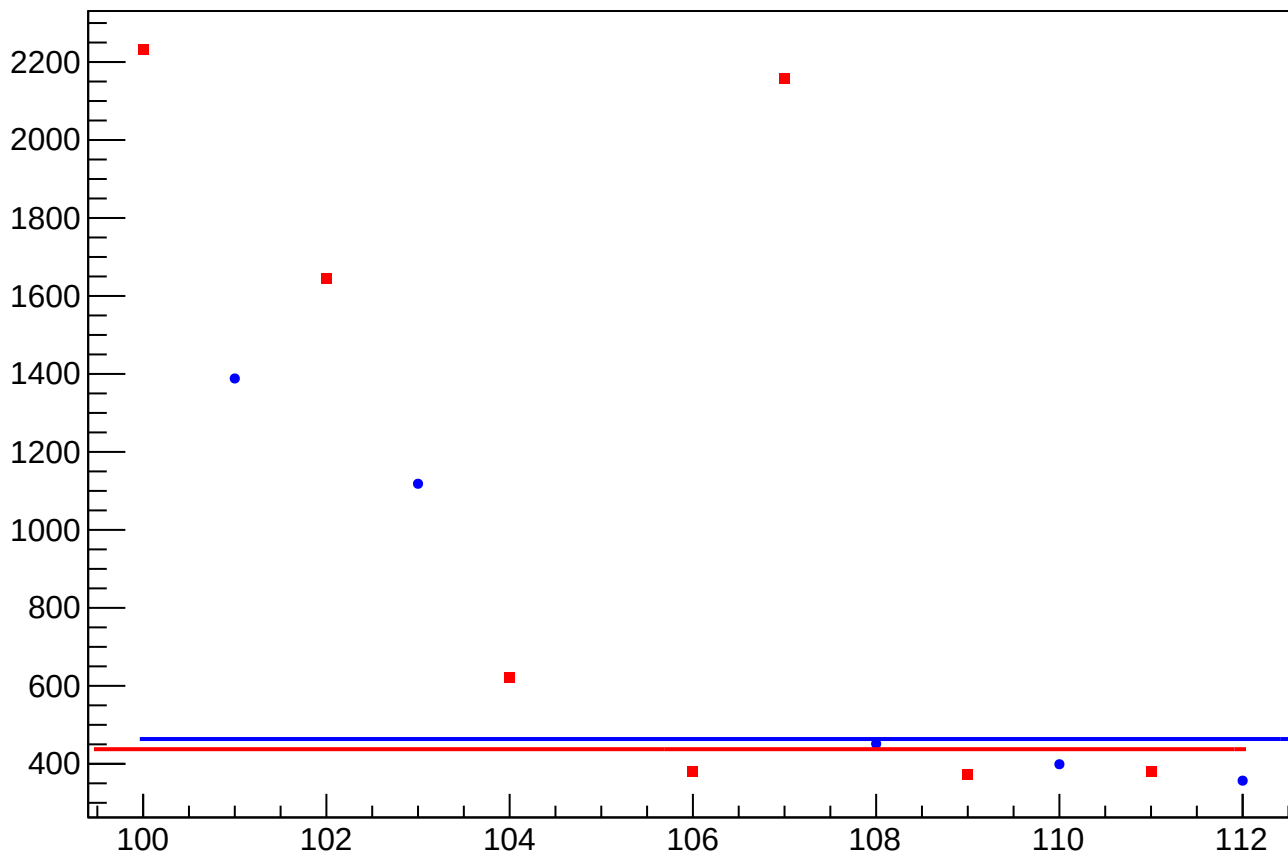
Right: 267.845 $\pm$ 230.377 χ^2 /NDF: 7.5/11

In: 284.887 $\pm$ 333.976 χ^2 /NDF:3.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 267.845 $\pm$ 230.377 χ^2 /NDF: 7.5/11

asym_atl_avg_atr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 463.622+/-0.236 χ^2/NDF : 1057065.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 437.560+/-0.225 χ^2/NDF : 1113218.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

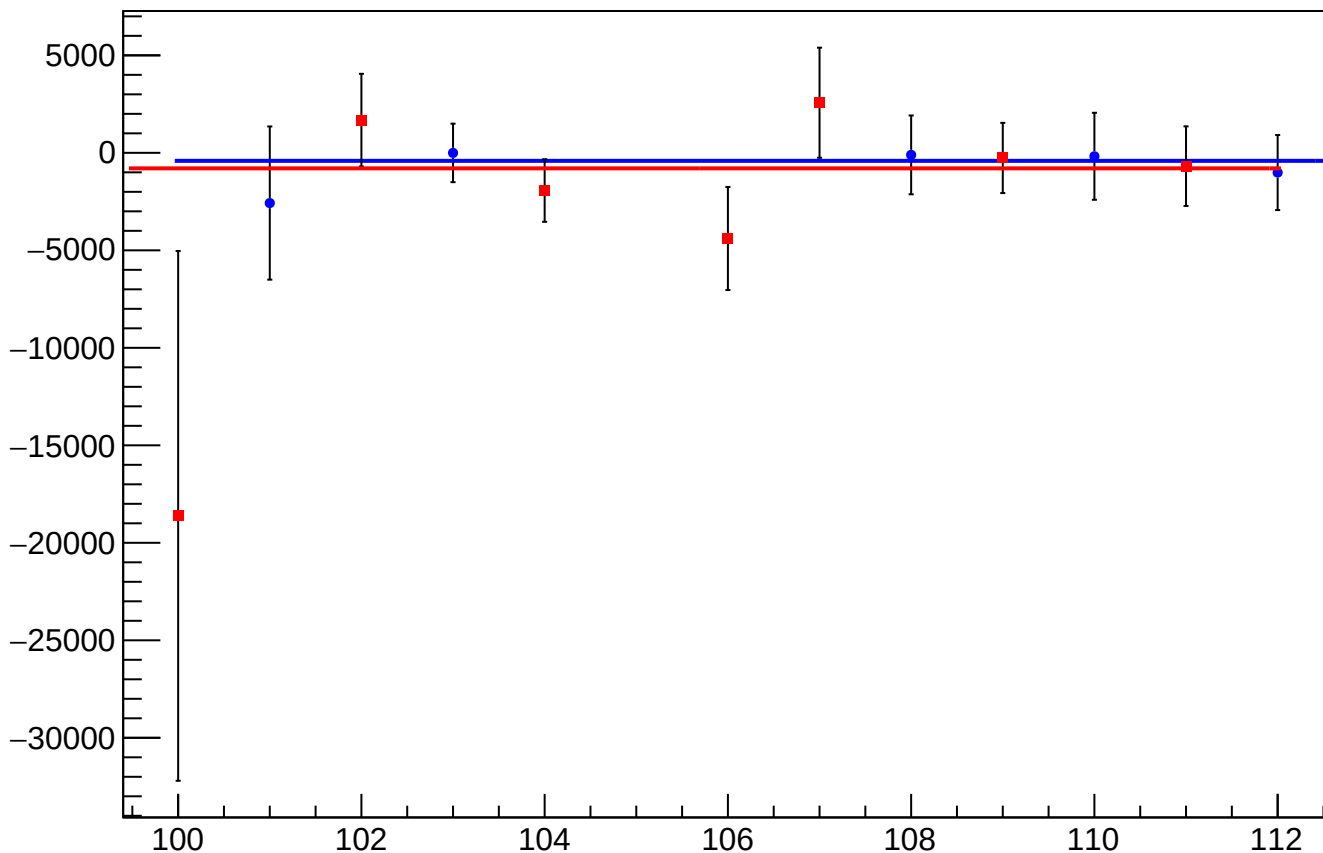
Right: 449.961+/-0.163 χ^2/NDF : 2176668.2/11

In: 463.622+/-0.236 χ^2/NDF : 1057065.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 449.961+/-0.163 χ^2/NDF : 2176668.2/11

eigen_cor_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -410.566+/-903.574 χ^2 /NDF: 0.5/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -796.279+/-848.816 χ^2 /NDF: 6.7/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

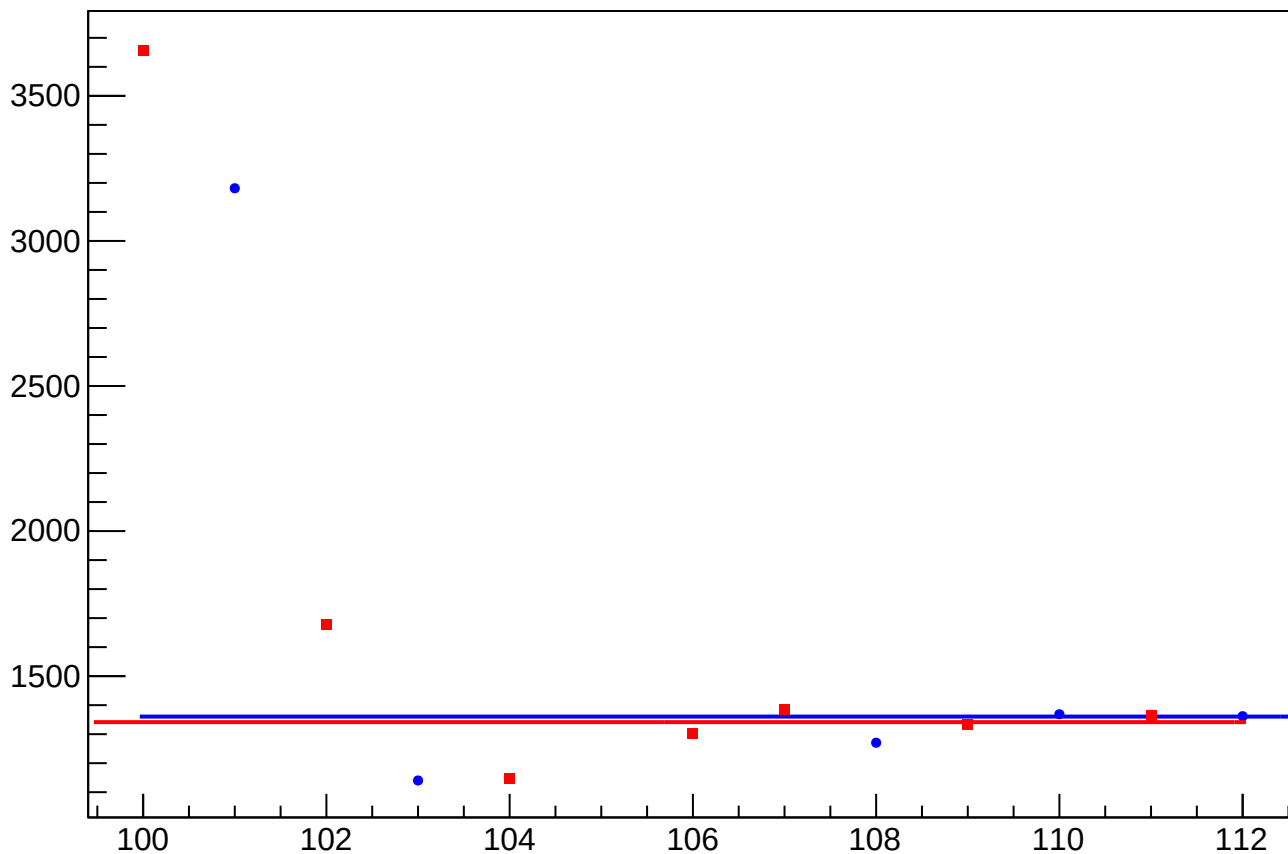
Right: -615.463+/-618.657 χ^2 /NDF: 7.3/11

In: -410.566+/-903.574 χ^2 /NDF:0.5/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -615.463+/-618.657 χ^2 /NDF: 7.3/11

eigen_cor_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1360.619+/-0.639 χ^2/NDF : 476806.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1341.458+/-0.600 χ^2/NDF : 127900.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

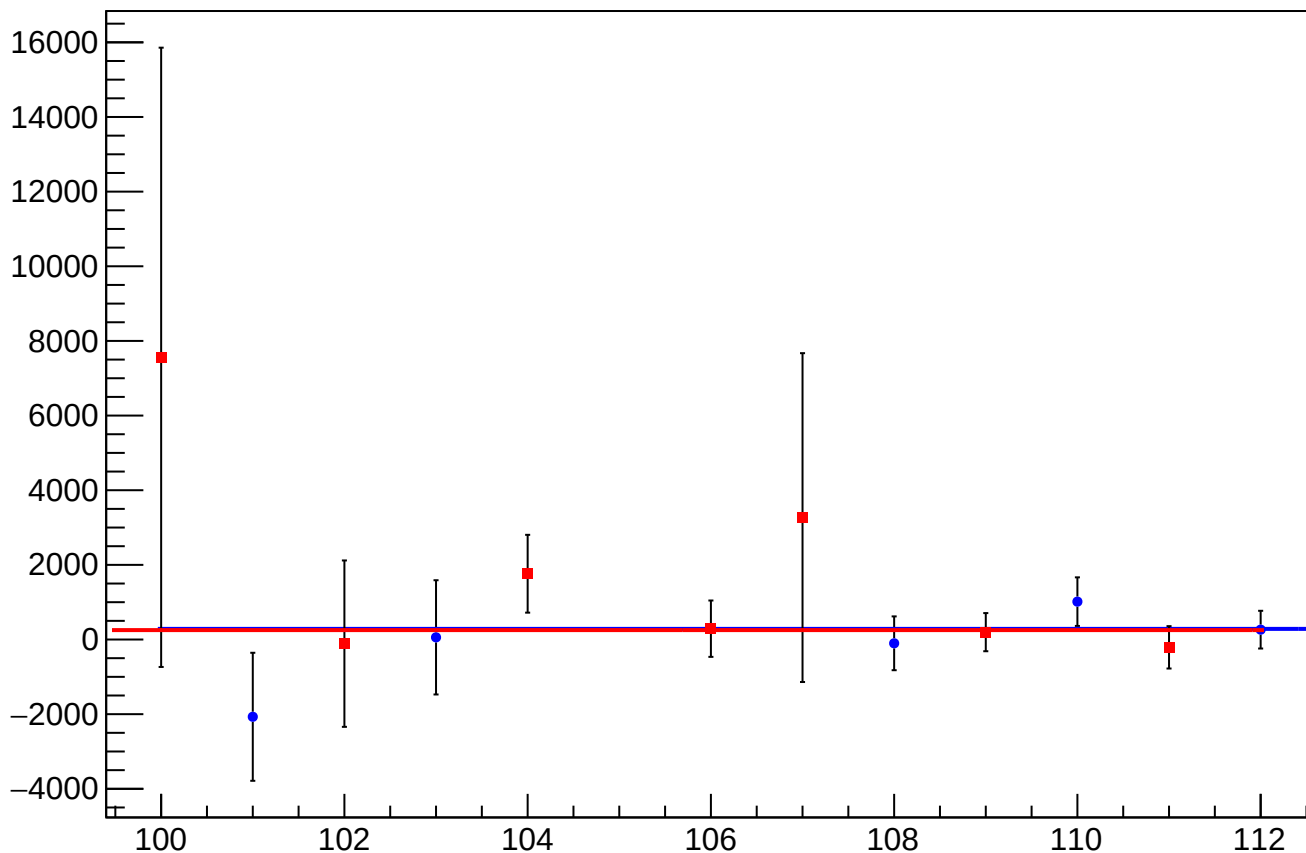
Right: 1350.440+/-0.437 χ^2/NDF : 605184.8/11

In: 1360.619+/-0.639 χ^2/NDF : 476806.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1350.440+/-0.437 χ^2/NDF : 605184.8/11

asym_atl_avg_atr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 284.887+/-333.976 χ^2/NDF : 3.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 252.374+/-318.200 χ^2/NDF : 4.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

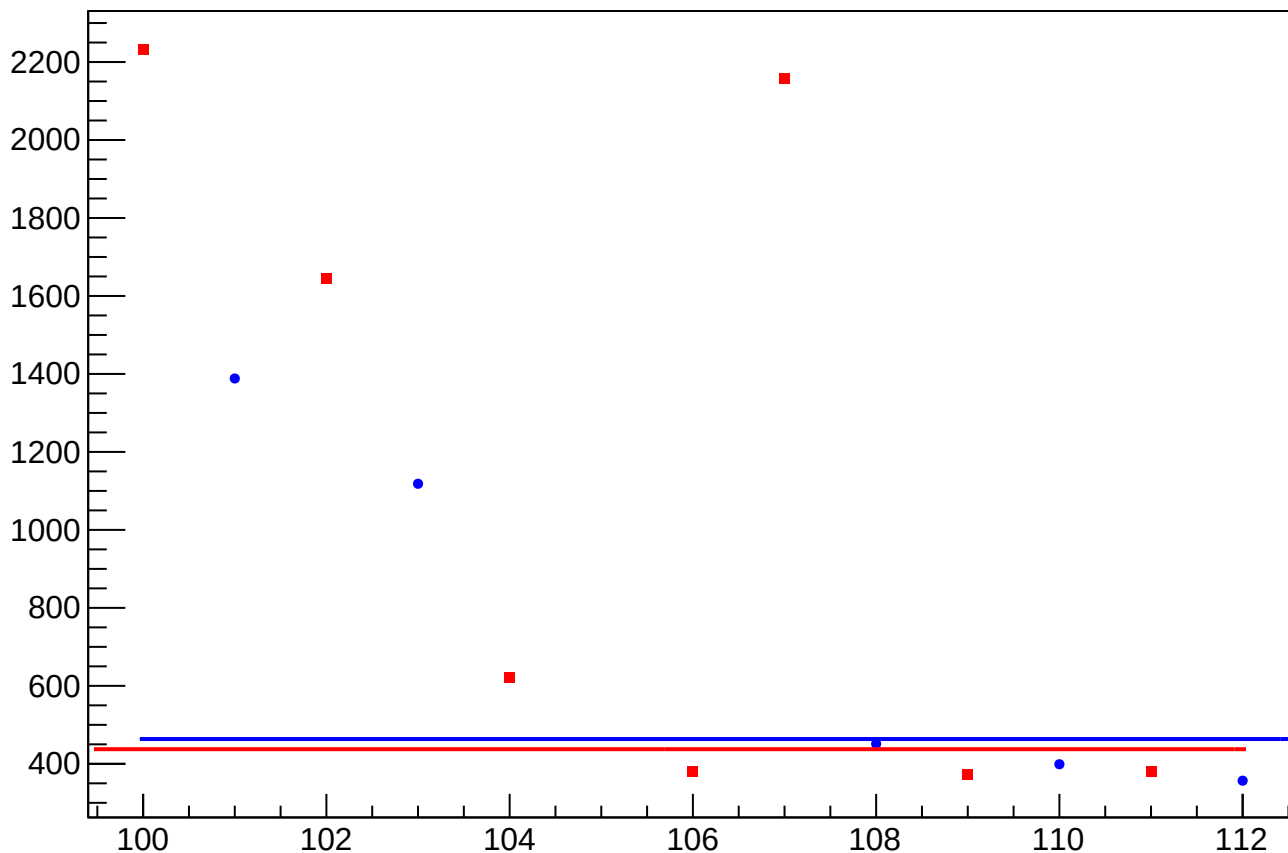
Right: 267.845+/-230.377 χ^2/NDF : 7.5/11

In: 284.887+/-333.976 χ^2/NDF : 3.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 267.845+/-230.377 χ^2/NDF : 7.5/11

asym_atl_avg_atr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 463.622+/-0.236 χ^2/NDF : 1057065.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 437.560+/-0.225 χ^2/NDF : 1113218.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

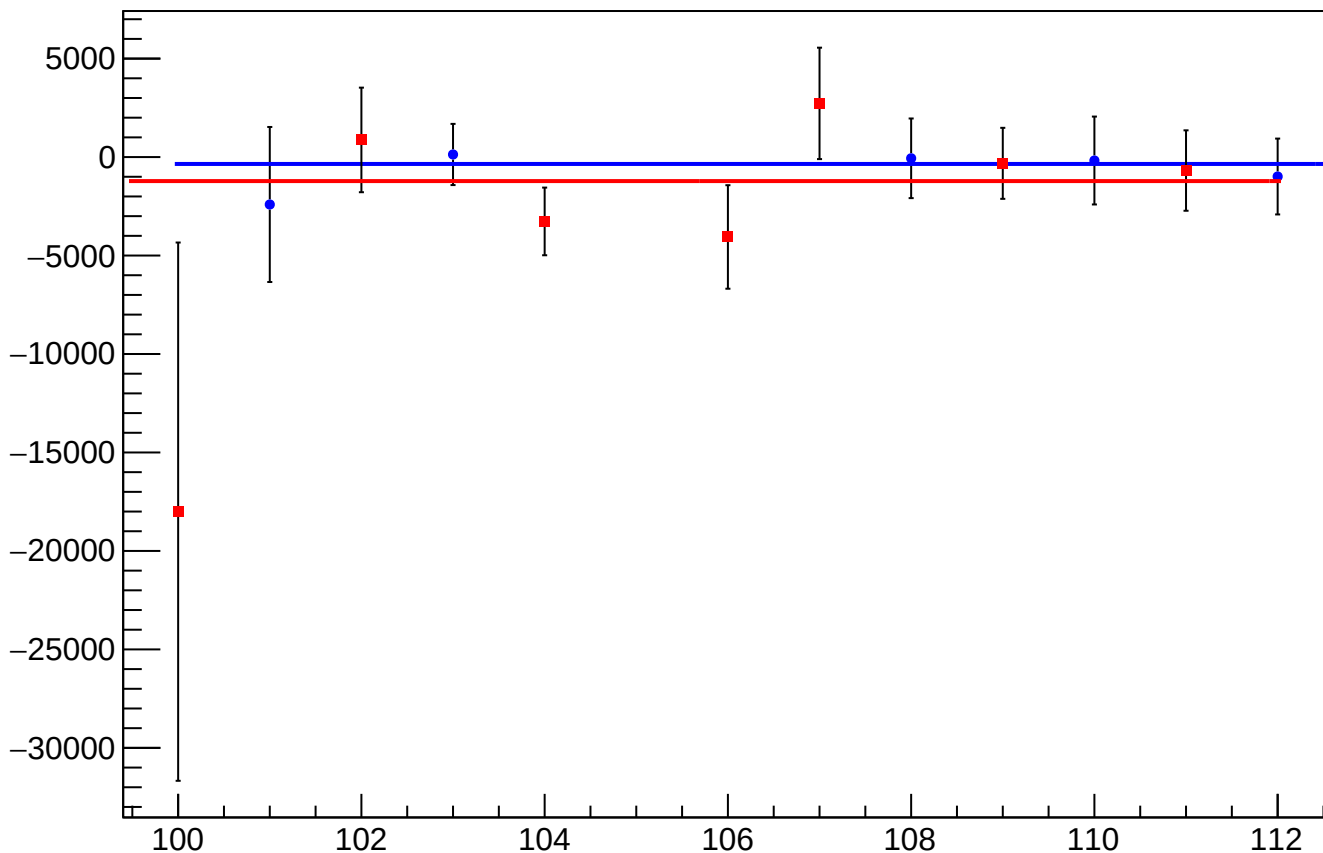
Right: 449.961+/-0.163 χ^2/NDF : 2176668.2/11

In: 463.622+/-0.236 χ^2/NDF : 1057065.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 449.961+/-0.163 χ^2/NDF : 2176668.2/11

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -349.551+/-915.113 χ^2 /NDF: 0.5/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1219.124+/-875.966 χ^2 /NDF: 7.0/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

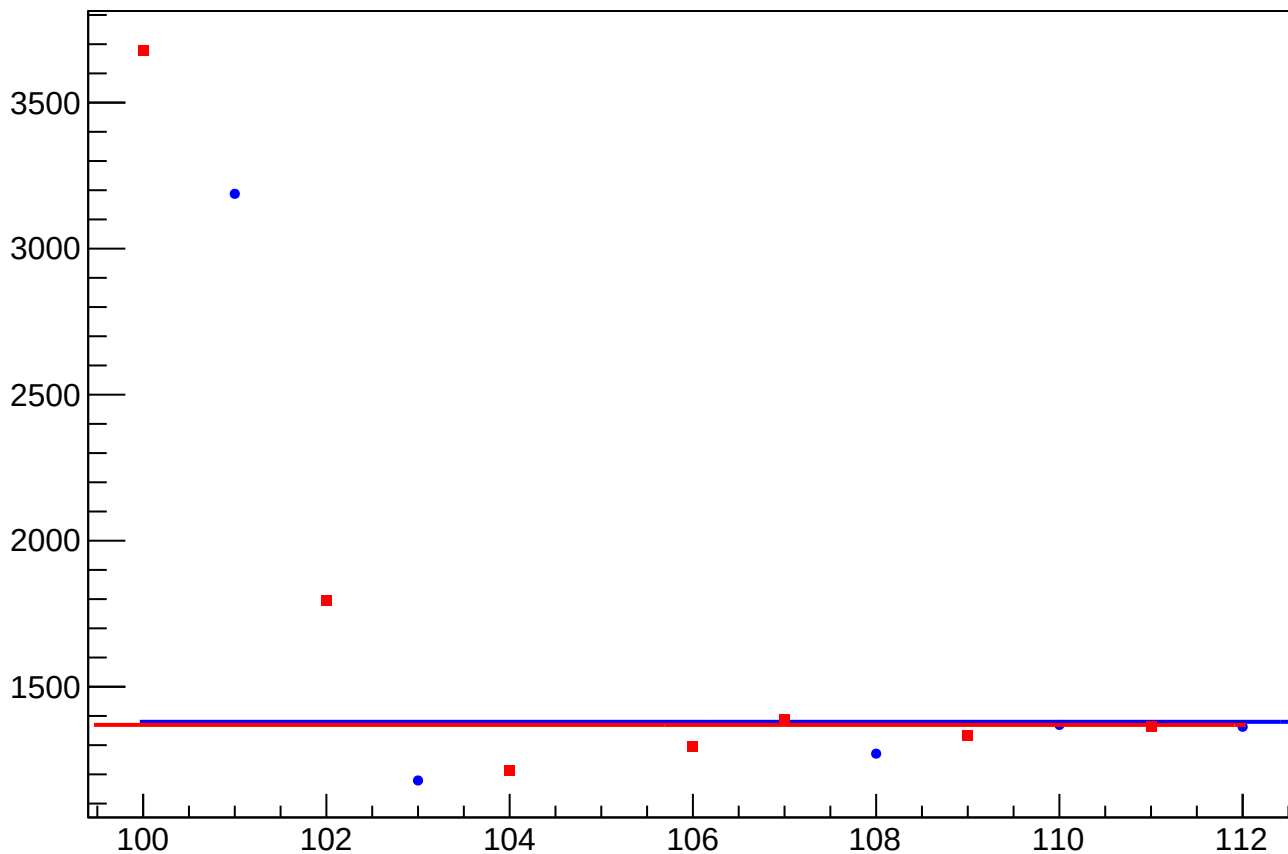
Right: -803.335+/-632.788 χ^2 /NDF: 8.0/11

In: -349.551+/-915.113 χ^2 /NDF:0.5/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -803.335+/-632.788 χ^2 /NDF: 8.0/11

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1379.906 $\pm$ 0.647 χ^2 /NDF: 461318.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1369.359 $\pm$ 0.619 χ^2 /NDF: 127239.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

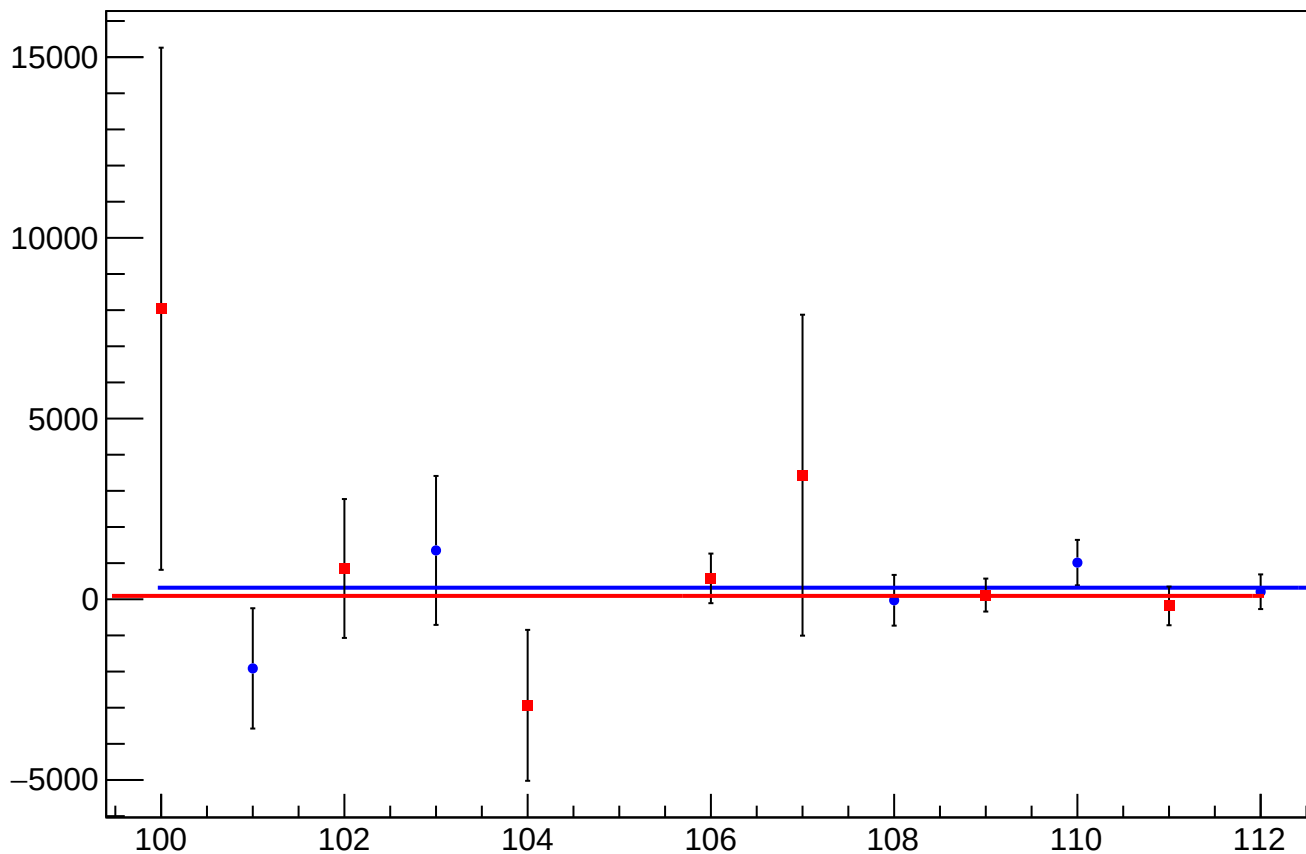
Right: 1374.402 $\pm$ 0.447 χ^2 /NDF: 588696.3/11

In: 1379.906 $\pm$ 0.647 χ^2 /NDF:461318.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1374.402 $\pm$ 0.447 χ^2 /NDF: 588696.3/11

asym_atl_avg_atr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 320.268+/-324.444 χ^2/NDF : 3.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.621+/-301.525 χ^2/NDF : 4.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

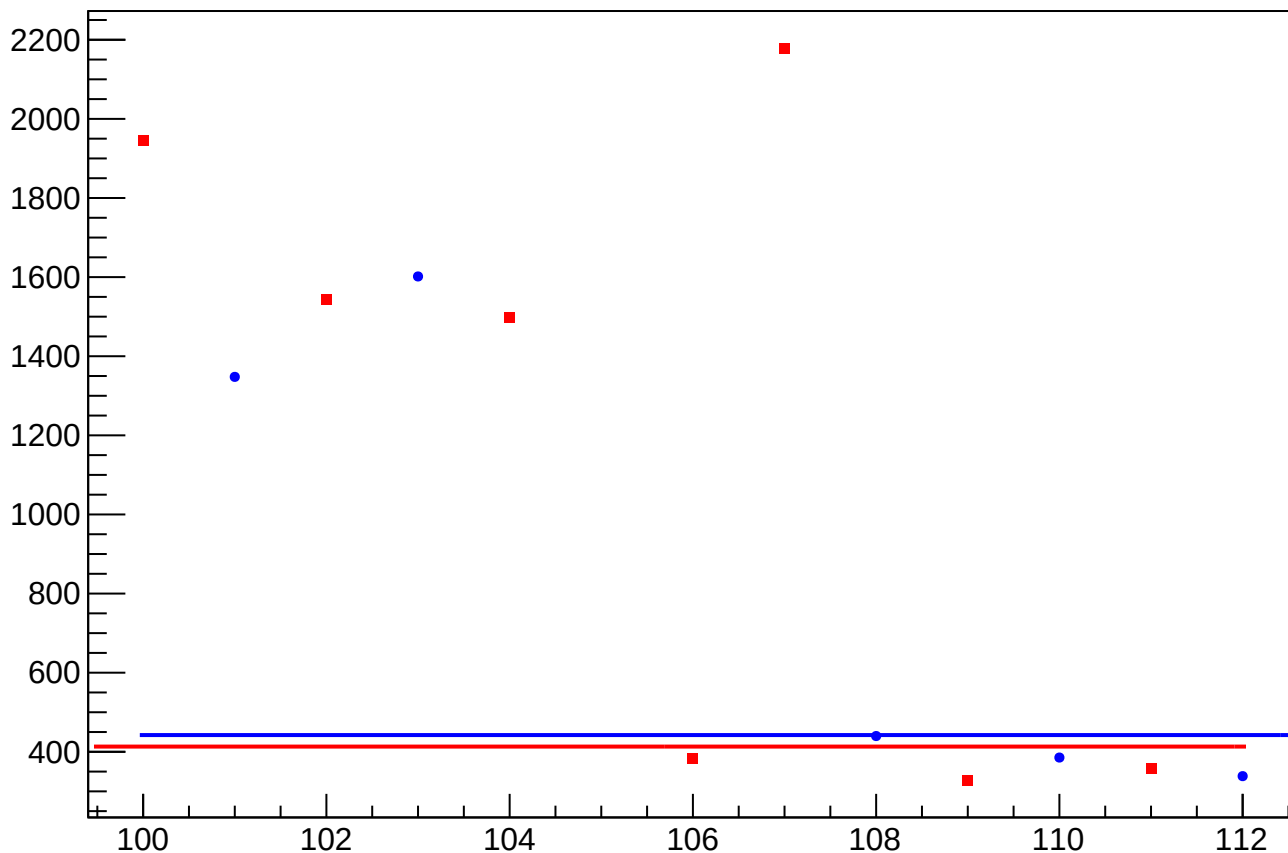
Right: 198.658+/-220.869 χ^2/NDF : 8.6/11

In: 320.268+/-324.444 χ^2/NDF : 3.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 198.658+/-220.869 χ^2/NDF : 8.6/11

asym_atl_avg_atr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 442.314+/-0.229 χ^2/NDF : 1335073.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 413.202+/-0.213 χ^2/NDF : 1735211.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

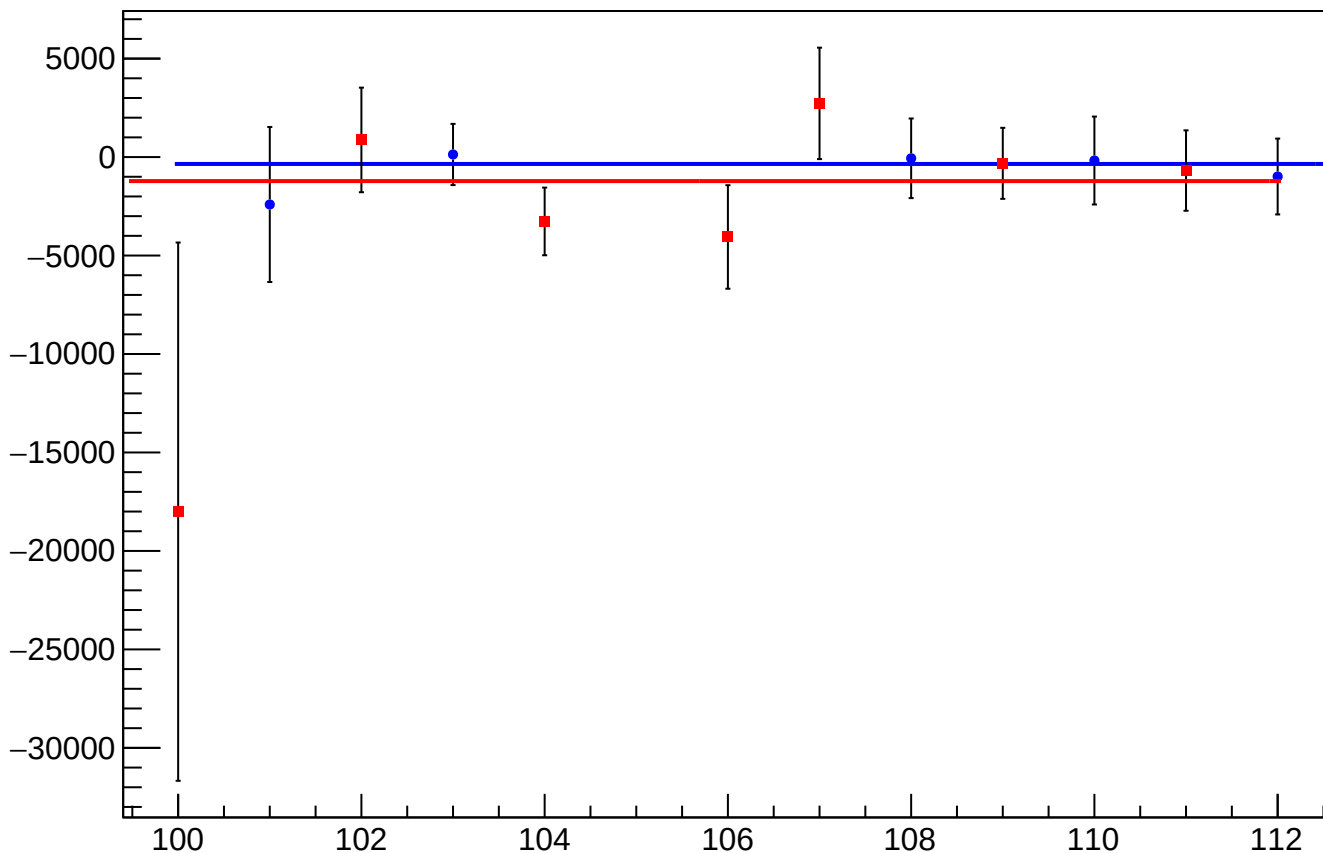
Right: 426.693+/-0.156 χ^2/NDF : 3078925.2/11

In: 442.314+/-0.229 χ^2/NDF : 1335073.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 426.693+/-0.156 χ^2/NDF : 3078925.2/11

eigen_dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -349.549+/-915.113 χ^2/NDF : 0.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1219.125+/-875.966 χ^2/NDF : 7.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

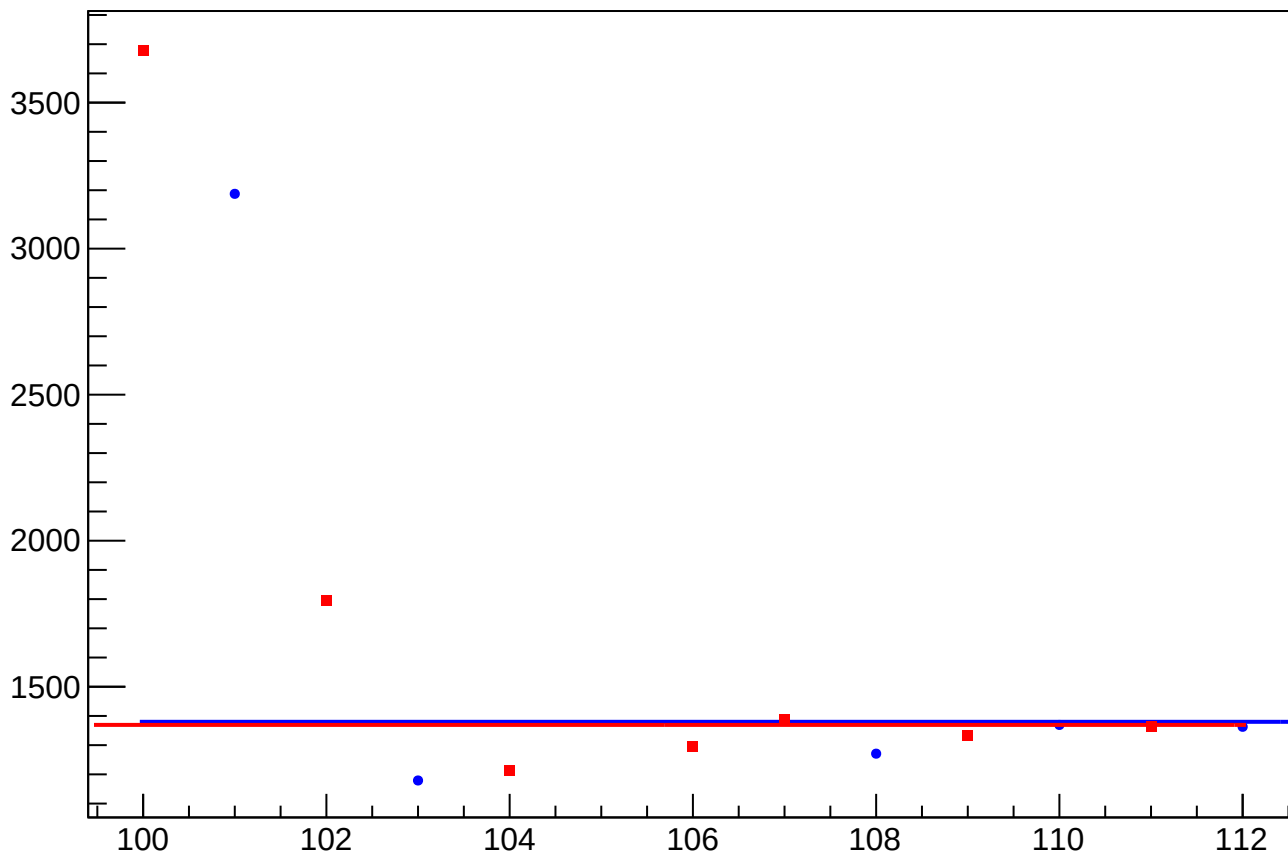
Right: -803.334+/-632.788 χ^2/NDF : 8.0/11

In: -349.549+/-915.113 χ^2/NDF : 0.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -803.334+/-632.788 χ^2/NDF : 8.0/11

eigen_dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1379.906+/-0.647 χ^2/NDF : 461317.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1369.360+/-0.619 χ^2/NDF : 127239.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

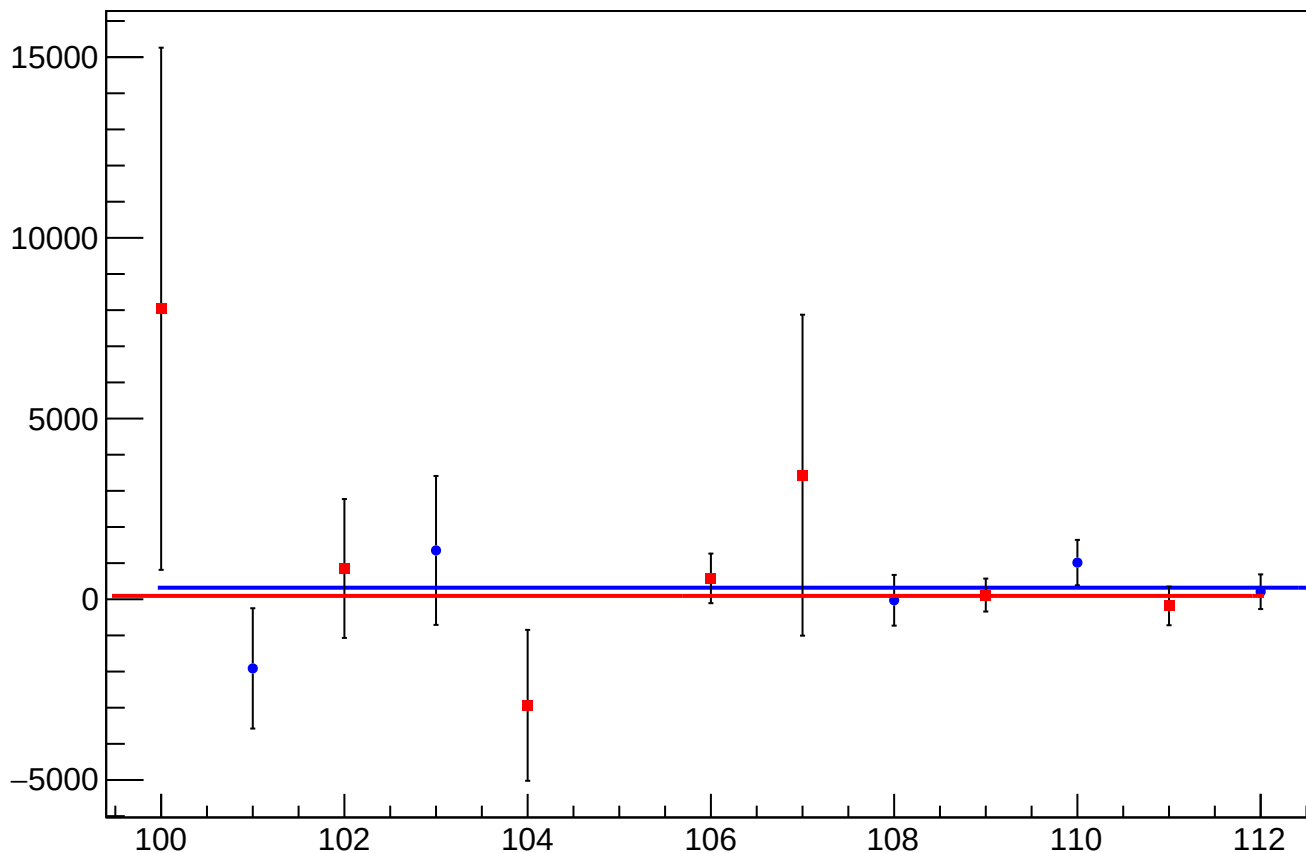
Right: 1374.402+/-0.447 χ^2/NDF : 588696.2/11

In: 1379.906+/-0.647 χ^2/NDF : 461317.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1374.402+/-0.447 χ^2/NDF : 588696.2/11

asym_atl_avg_atr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 320.267+/-324.441 χ^2/NDF : 3.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.620+/-301.524 χ^2/NDF : 4.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

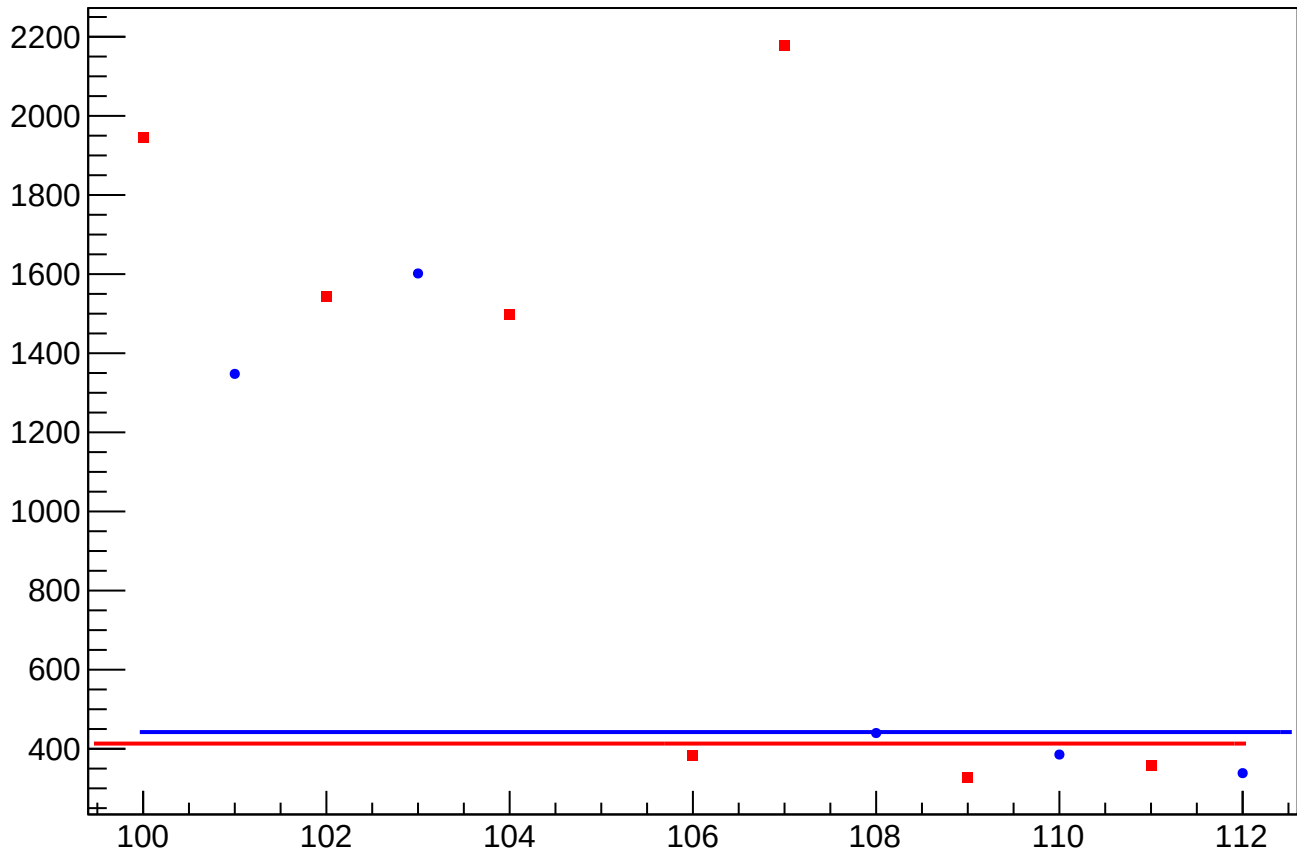
Right: 198.657+/-220.868 χ^2/NDF : 8.6/11

In: 320.267+/-324.441 χ^2/NDF : 3.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 198.657+/-220.868 χ^2/NDF : 8.6/11

asym_atl_avg_atr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 442.311+/-0.229 χ^2/NDF : 1335076.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 413.200+/-0.213 χ^2/NDF : 1735216.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

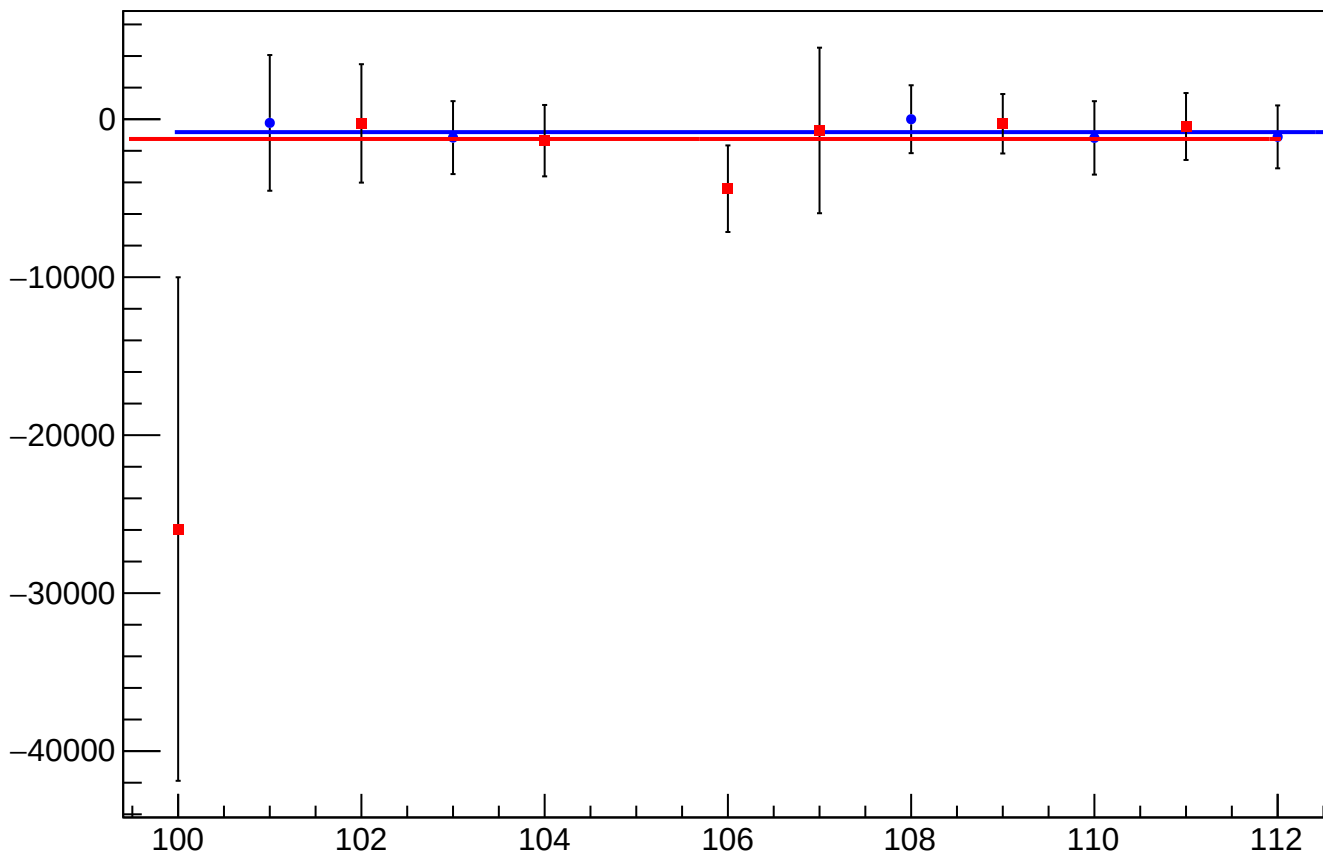
Right: 426.691+/-0.156 χ^2/NDF : 3078932.2/11

In: 442.311+/-0.229 χ^2/NDF : 1335076.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 426.691+/-0.156 χ^2/NDF : 3078932.2/11

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -817.027+/-1056.639 χ^2/NDF : 0.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1250.413+/-1028.329 χ^2/NDF : 4.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

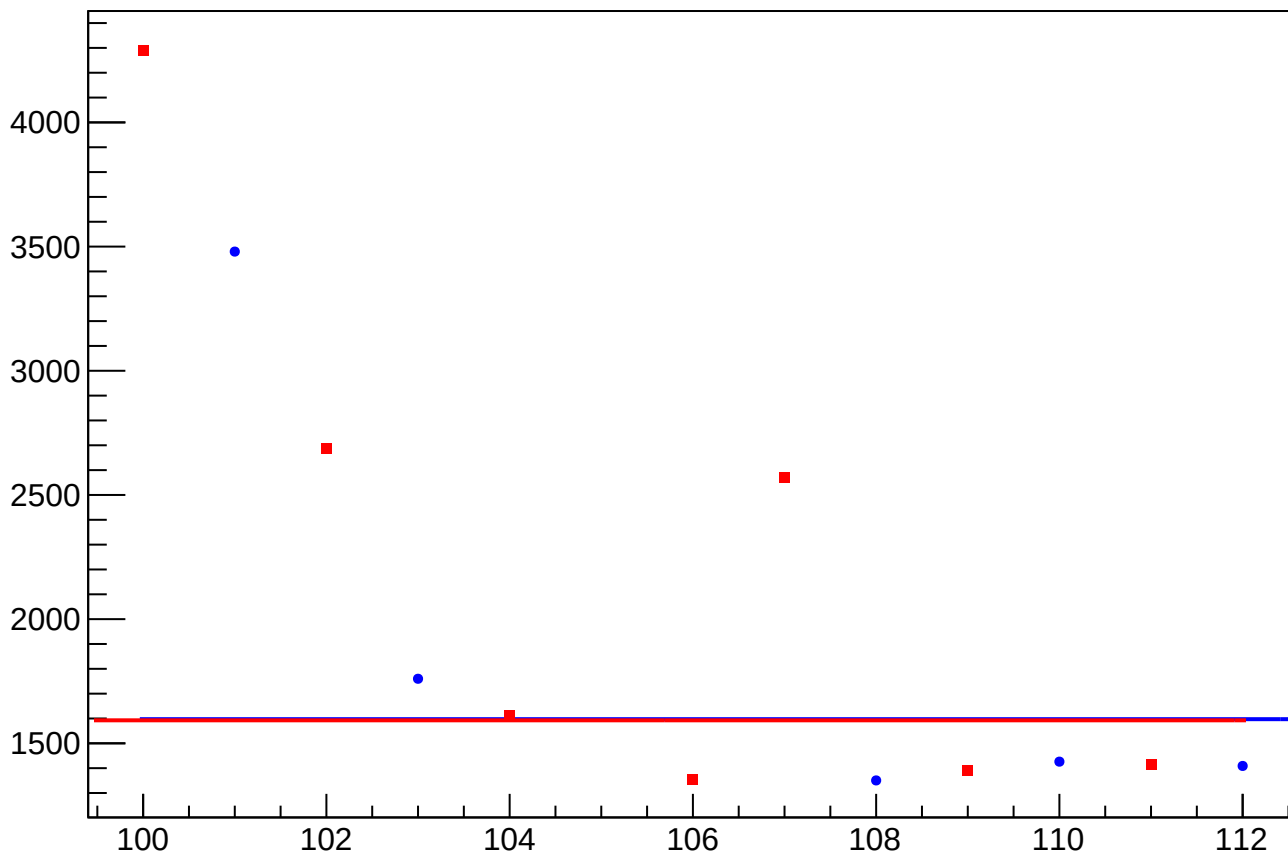
Right: -1039.603+/-736.944 χ^2/NDF : 4.5/11

In: -817.027+/-1056.639 χ^2/NDF : 0.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1039.603+/-736.944 χ^2/NDF : 4.5/11

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1597.255+/-0.747 χ^2/NDF : 449158.7/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1592.655+/-0.727 χ^2/NDF : 349196.1/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

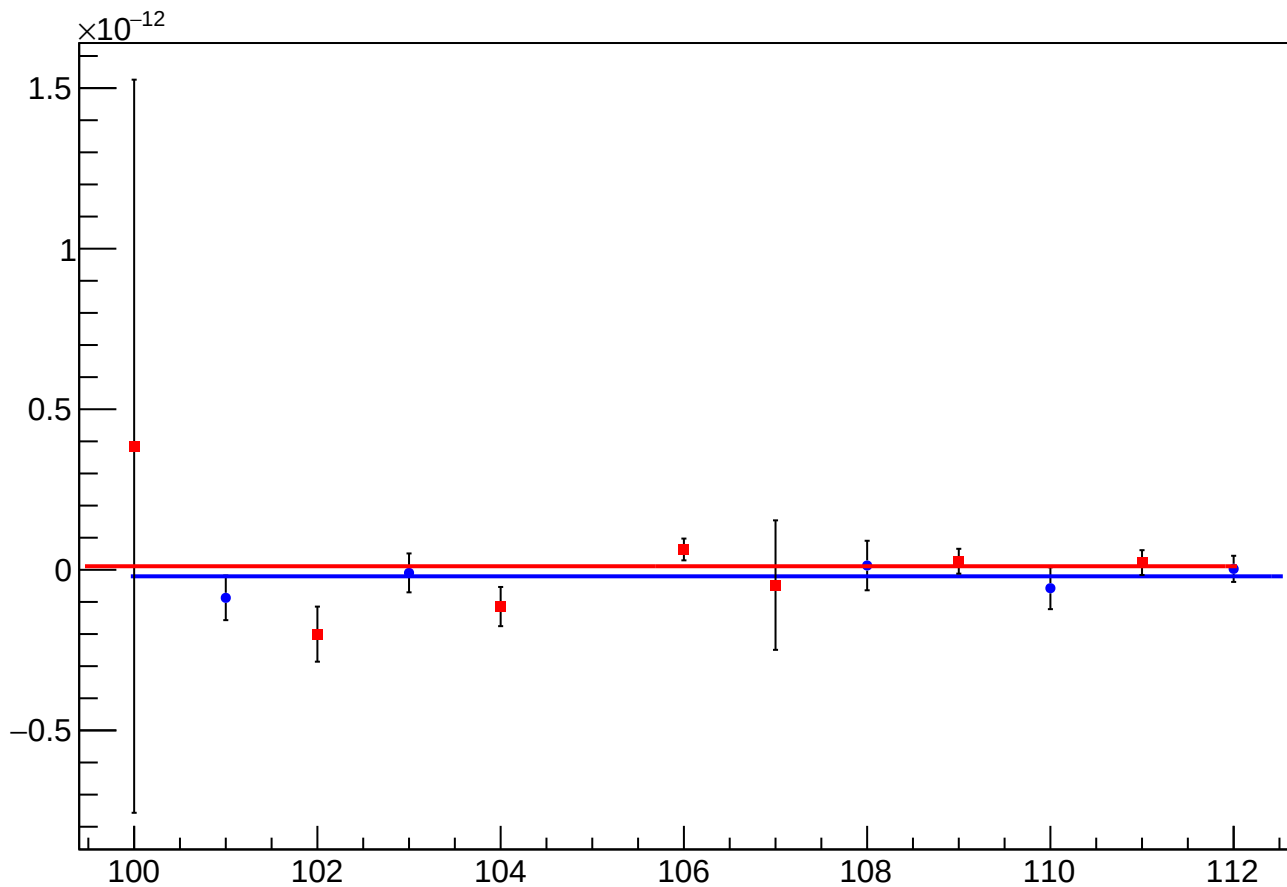
Right: 1594.892+/-0.521 χ^2/NDF : 798374.3/11

In: 1597.255+/-0.747 χ^2/NDF :449158.7/4

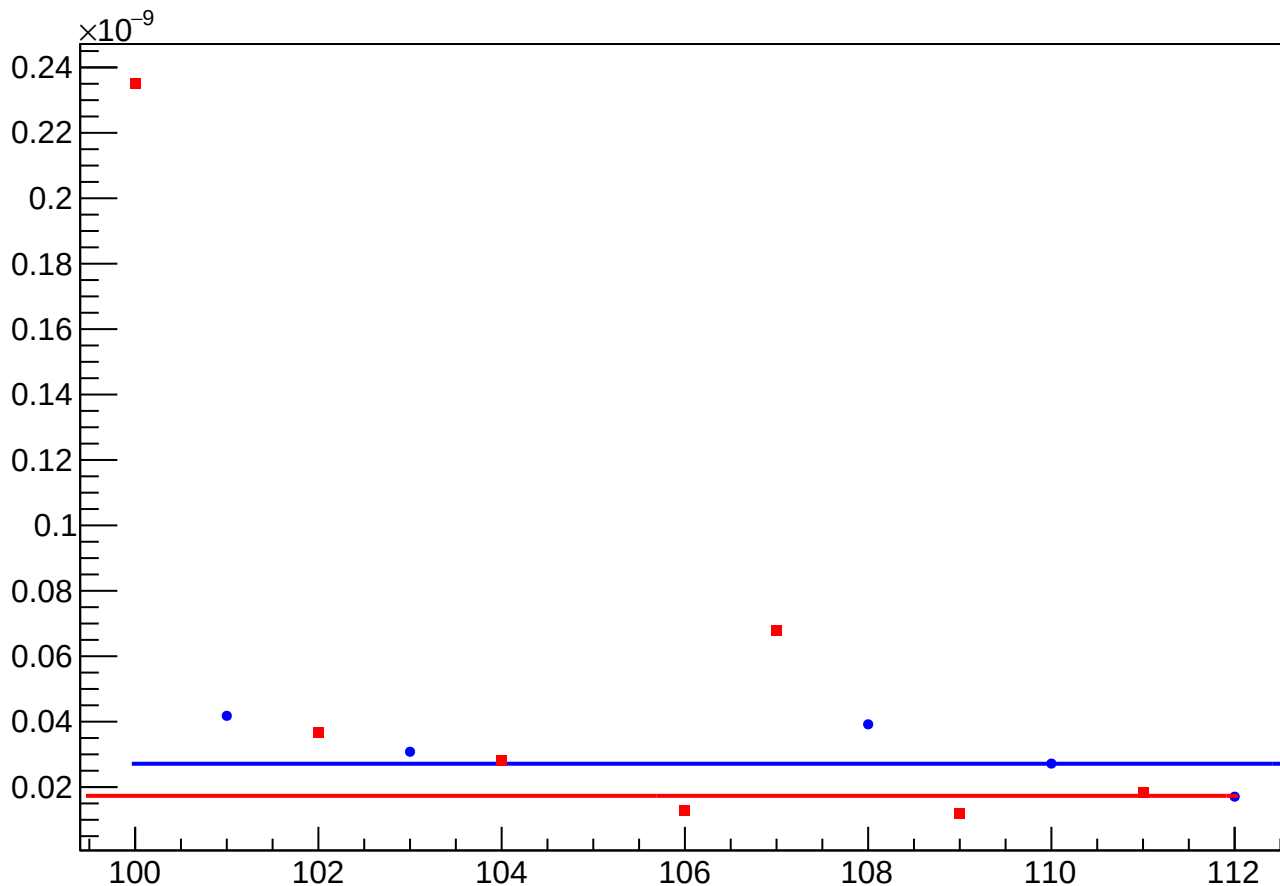
Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1594.892+/-0.521 χ^2/NDF : 798374.3/11

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 267432.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 441286.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

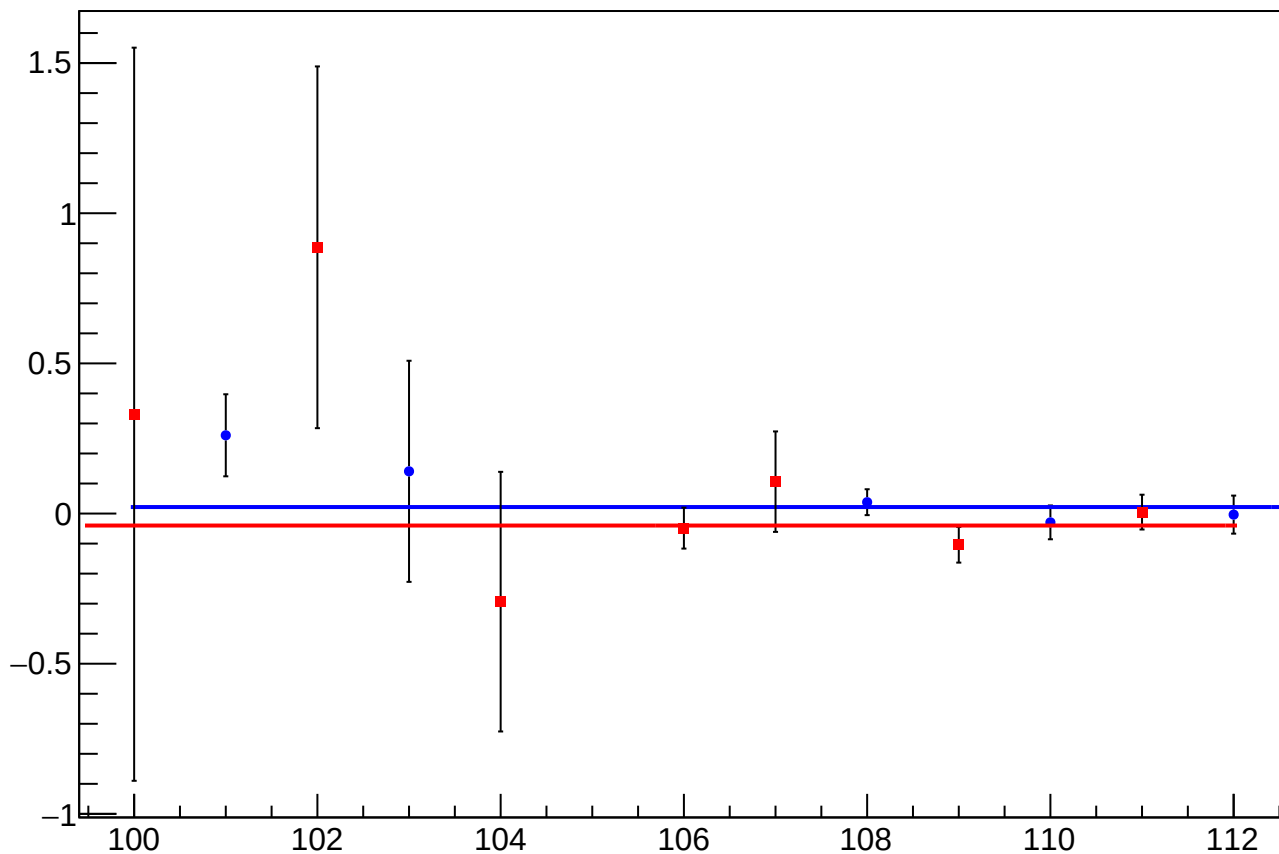
Right: 0.000+/-0.000 χ^2/NDF : 891760.2/11

In: 0.000+/-0.000 χ^2/NDF : 267432.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 891760.2/11

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.029 χ^2/NDF : 4.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.040+/-0.034 χ^2/NDF : 5.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

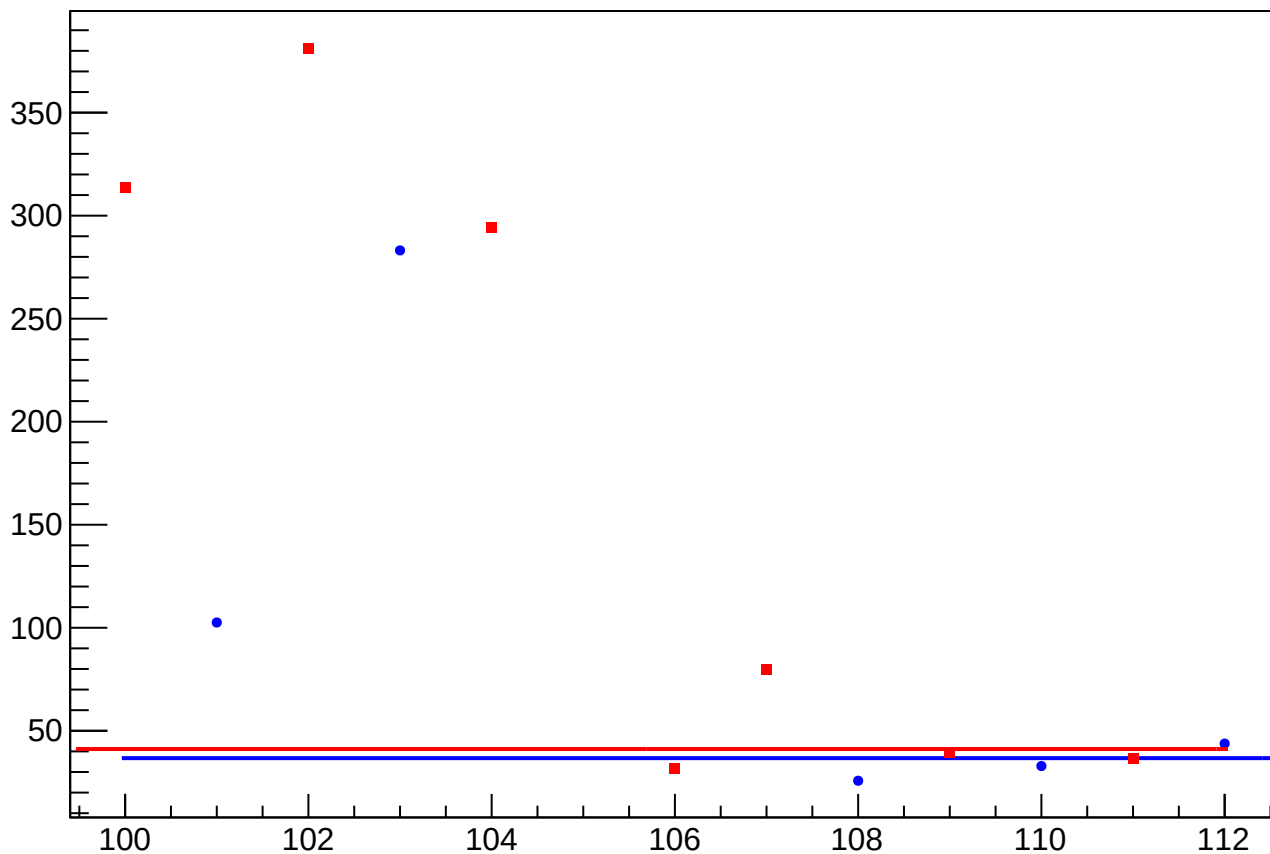
Right: -0.004+/-0.022 χ^2/NDF : 11.5/11

In: 0.022+/-0.029 χ^2/NDF : 4.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.004+/-0.022 χ^2/NDF : 11.5/11

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.720+/-0.021 χ^2/NDF : 1524187.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.147+/-0.024 χ^2/NDF : 1580001.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

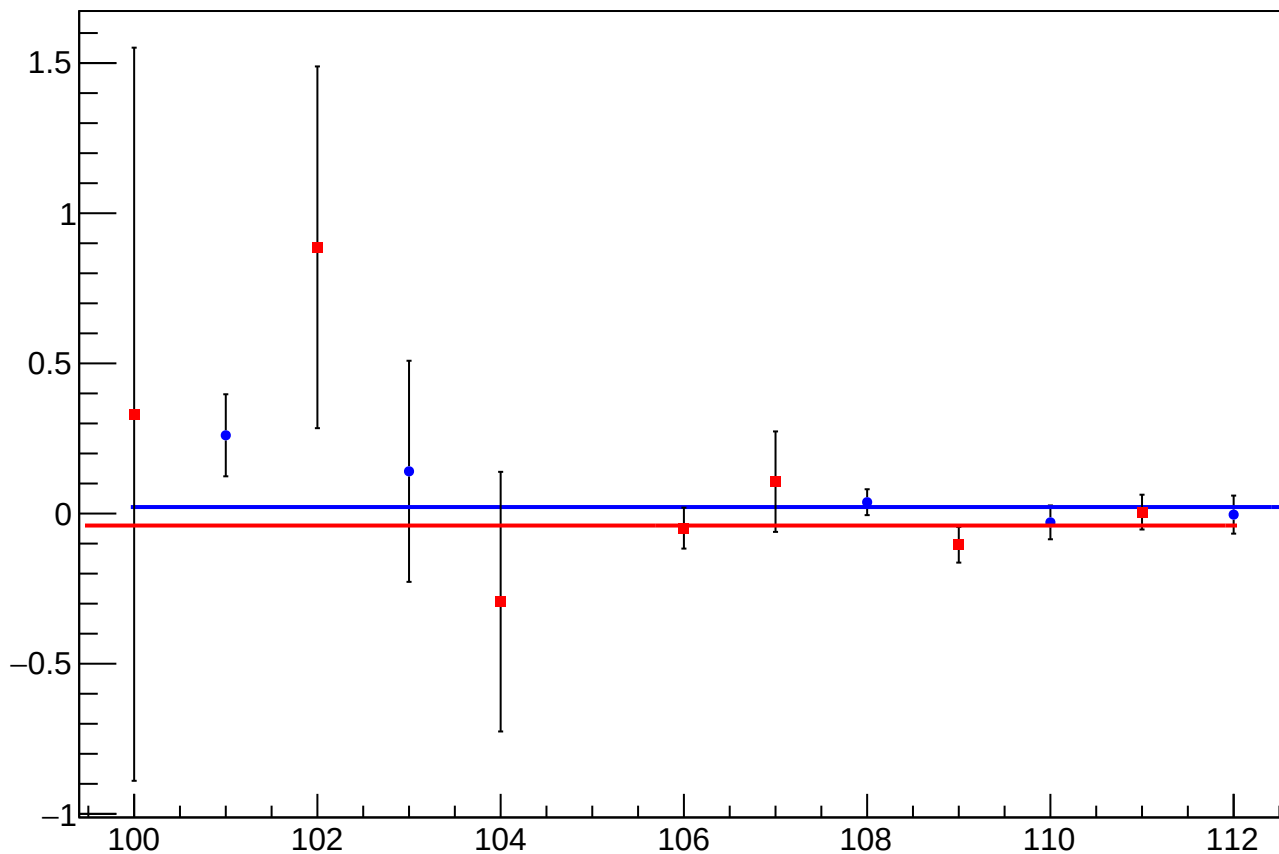
Right: 38.577+/-0.016 χ^2/NDF : 3123322.5/11

In: 36.720+/-0.021 χ^2/NDF : 1524187.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.577+/-0.016 χ^2/NDF : 3123322.5/11

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022 $\pm$ 0.029 χ^2 /NDF: 4.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.040 $\pm$ 0.034 χ^2 /NDF: 5.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

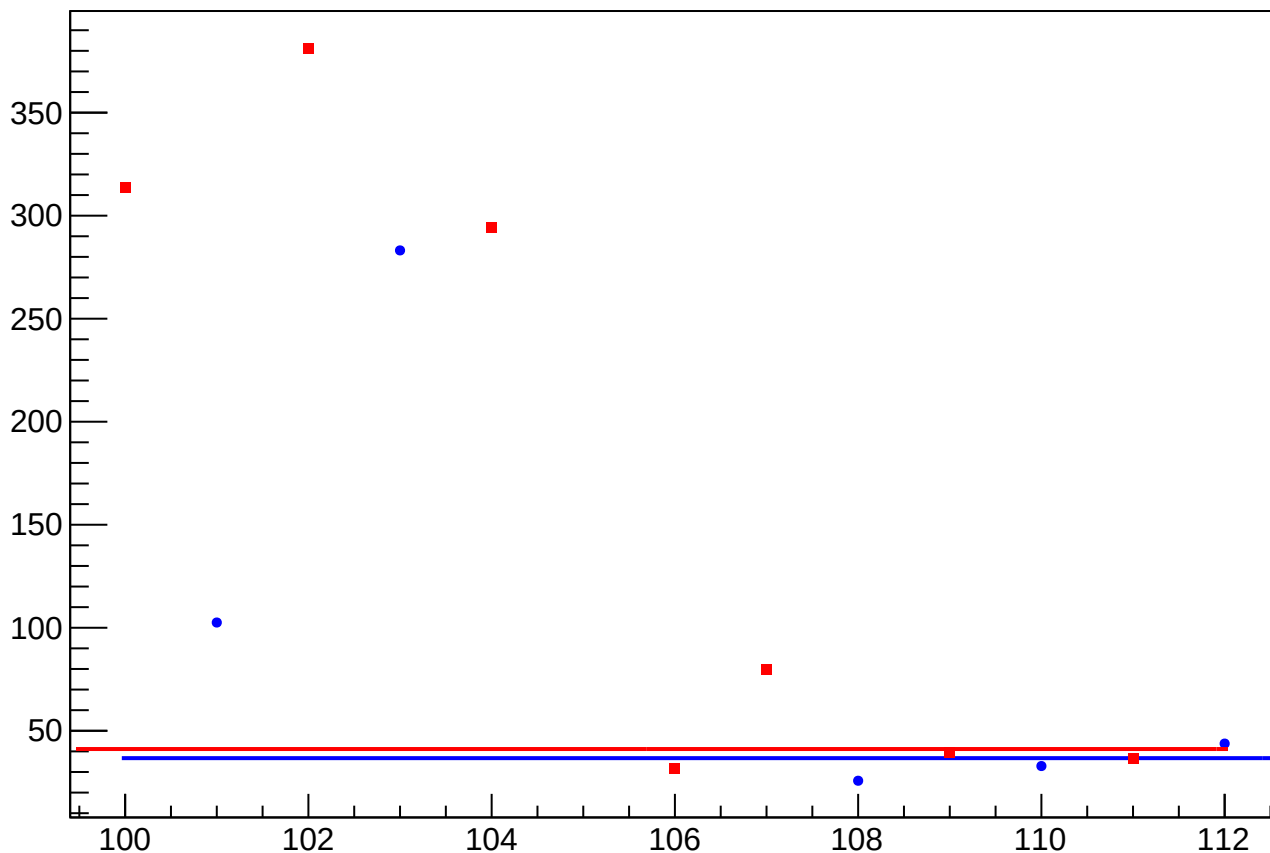
Right: -0.004 $\pm$ 0.022 χ^2 /NDF: 11.5/11

In: 0.022 $\pm$ 0.029 χ^2 /NDF:4.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.022 χ^2 /NDF: 11.5/11

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.720+/-0.021 χ^2/NDF : 1524187.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.147+/-0.024 χ^2/NDF : 1580001.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

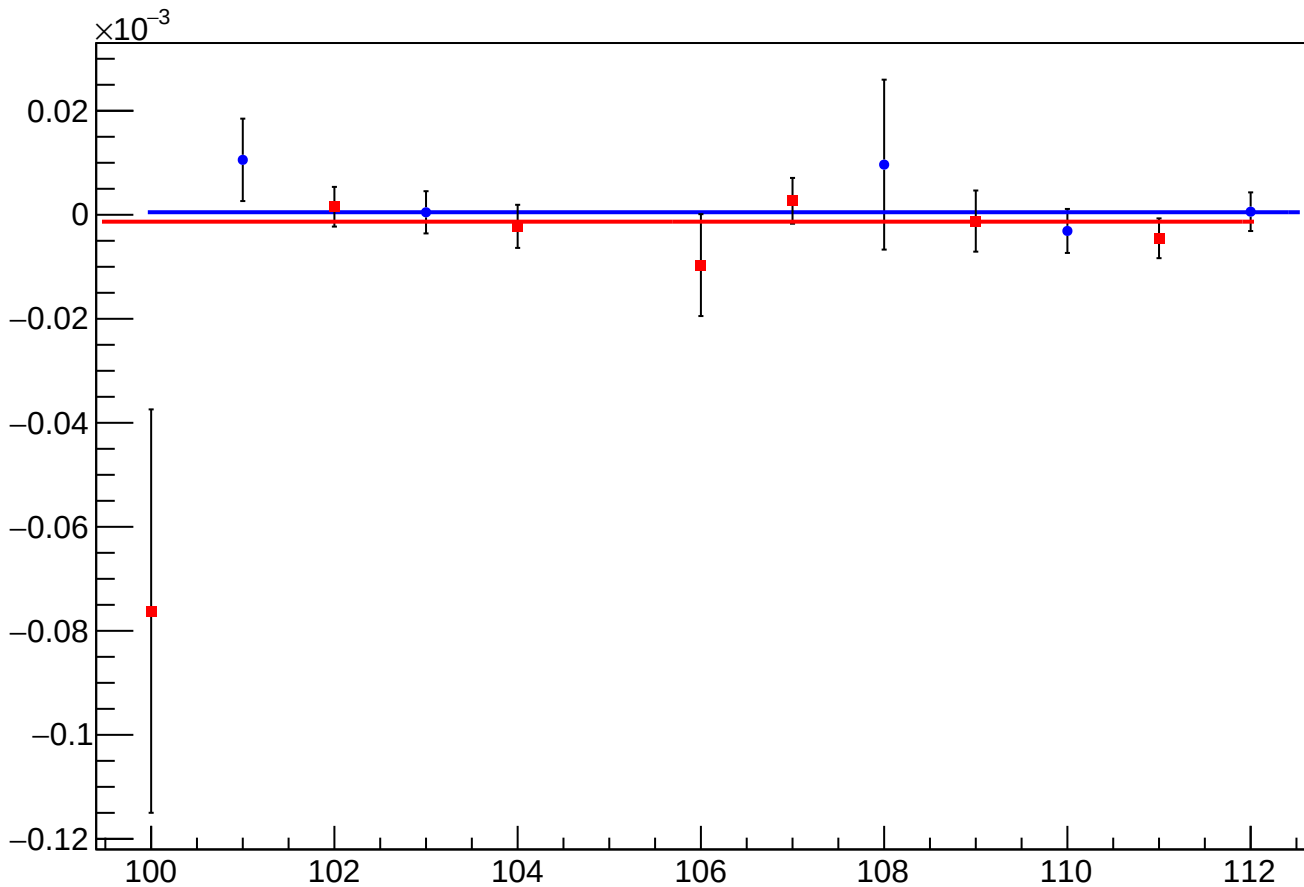
Right: 38.577+/-0.016 χ^2/NDF : 3123322.5/11

In: 36.720+/-0.021 χ^2/NDF : 1524187.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.577+/-0.016 χ^2/NDF : 3123322.5/11

asym_atl_avg_atr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 2.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 6.6/6

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

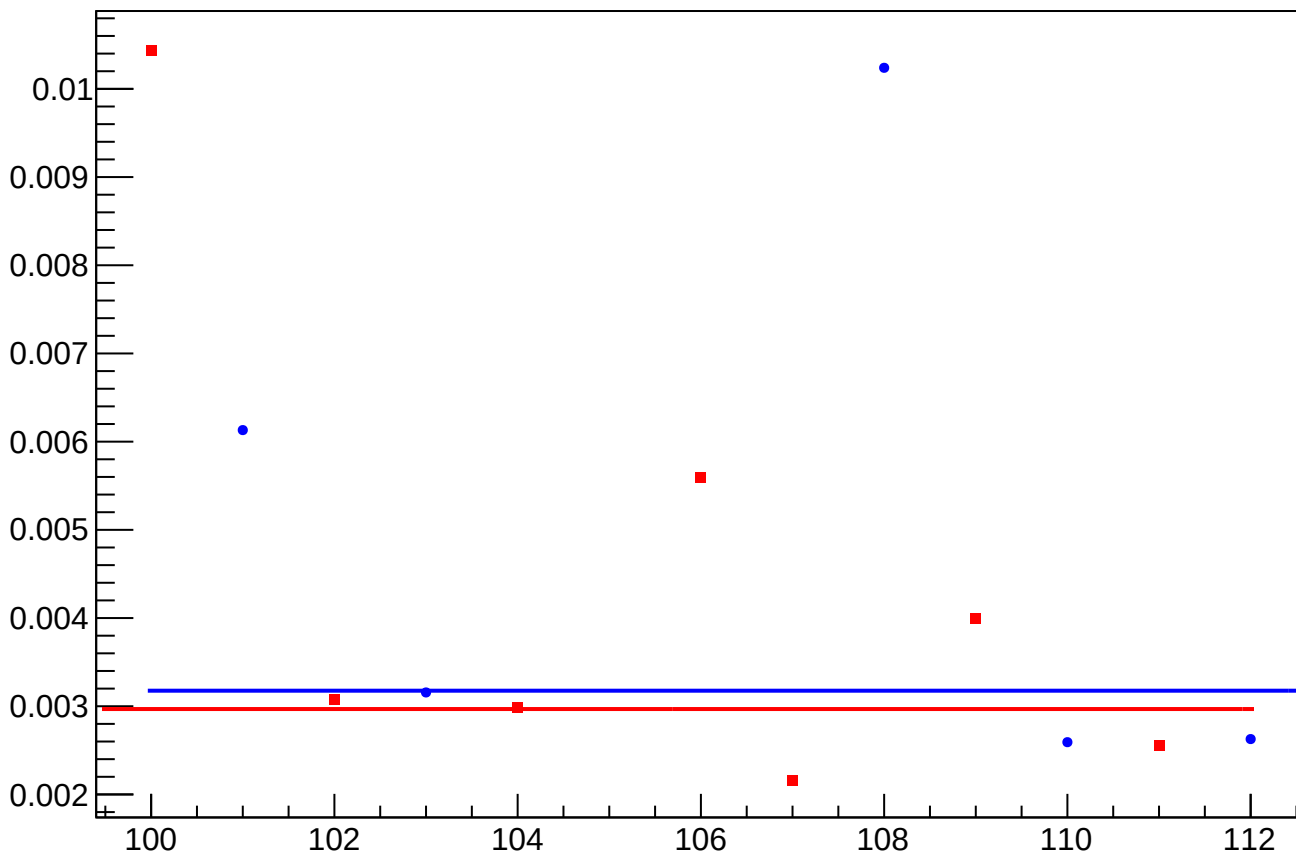
Right: -0.000 $\pm$ 0.000 χ^2/NDF : 9.6/11

In: 0.000 $\pm$ 0.000 χ^2/NDF : 2.7/4

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 9.6/11

asym_atl_avg_atr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 733609.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 371382.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

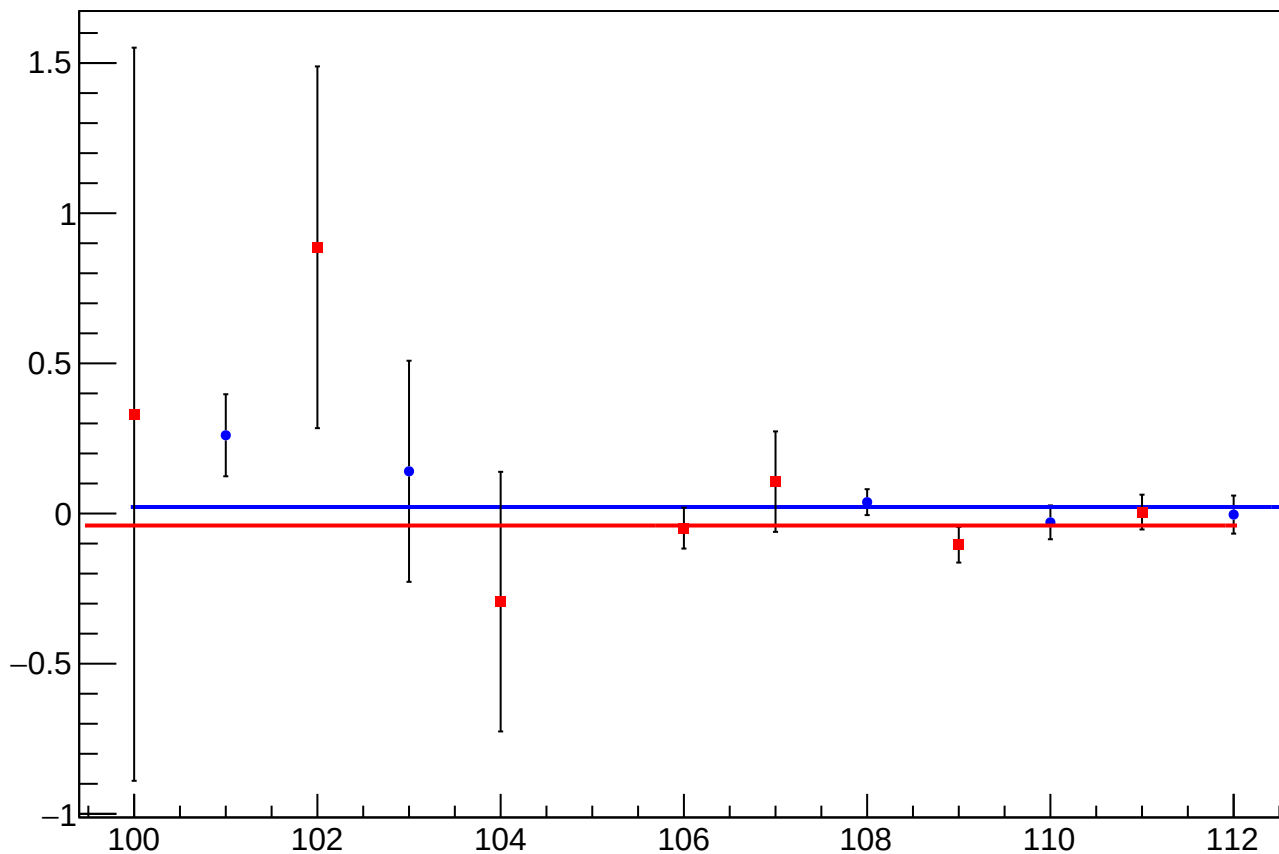
Right: 0.003+/-0.000 χ^2/NDF : 1115433.9/11

In: 0.003+/-0.000 χ^2/NDF : 733609.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 1115433.9/11

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.029 χ^2/NDF : 4.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.040+/-0.034 χ^2/NDF : 5.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

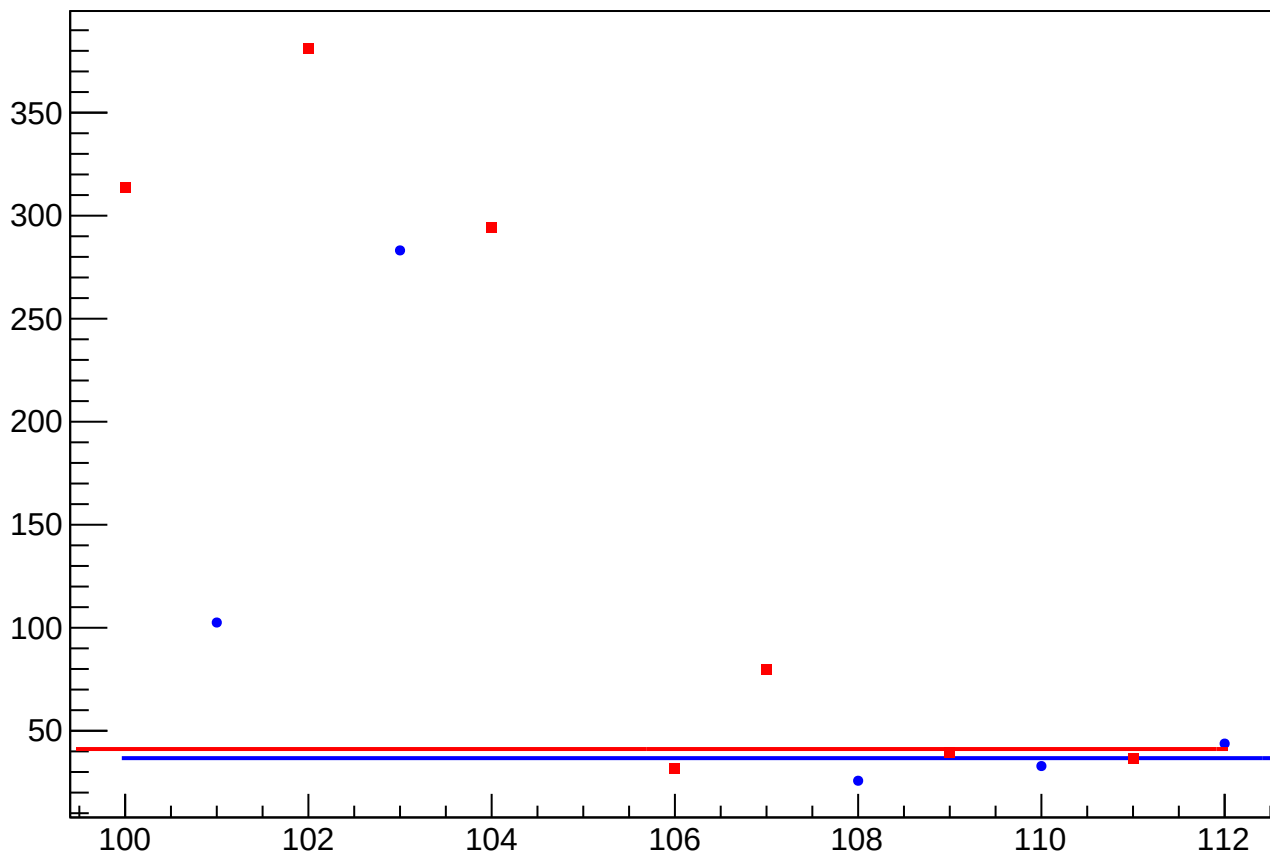
Right: -0.004+/-0.022 χ^2/NDF : 11.5/11

In: 0.022+/-0.029 χ^2/NDF : 4.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.004+/-0.022 χ^2/NDF : 11.5/11

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.723+/-0.021 χ^2/NDF : 1524099.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.148+/-0.024 χ^2/NDF : 1579985.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

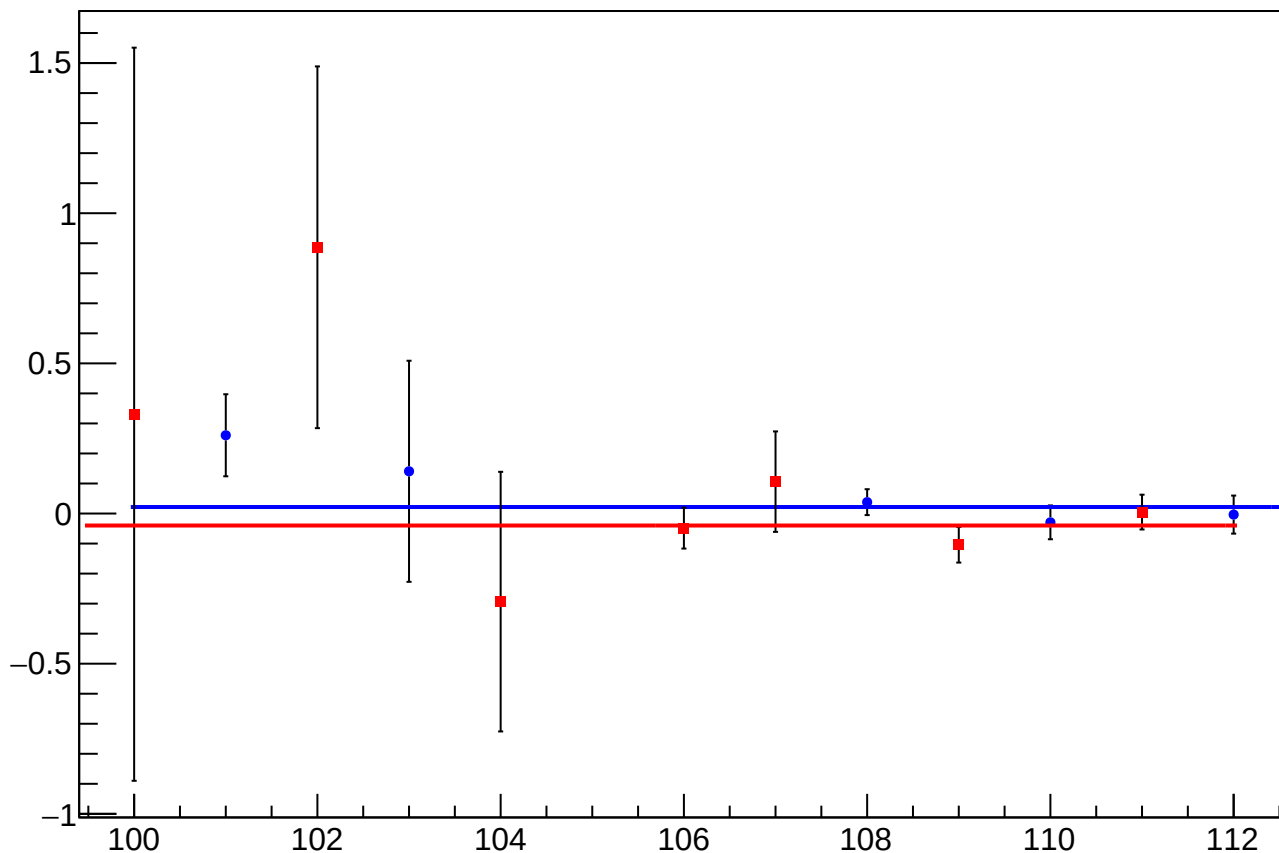
Right: 38.579+/-0.016 χ^2/NDF : 3123202.2/11

In: 36.723+/-0.021 χ^2/NDF : 1524099.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.579+/-0.016 χ^2/NDF : 3123202.2/11

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022 $\pm$ 0.029 χ^2 /NDF: 4.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.040 $\pm$ 0.034 χ^2 /NDF: 5.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

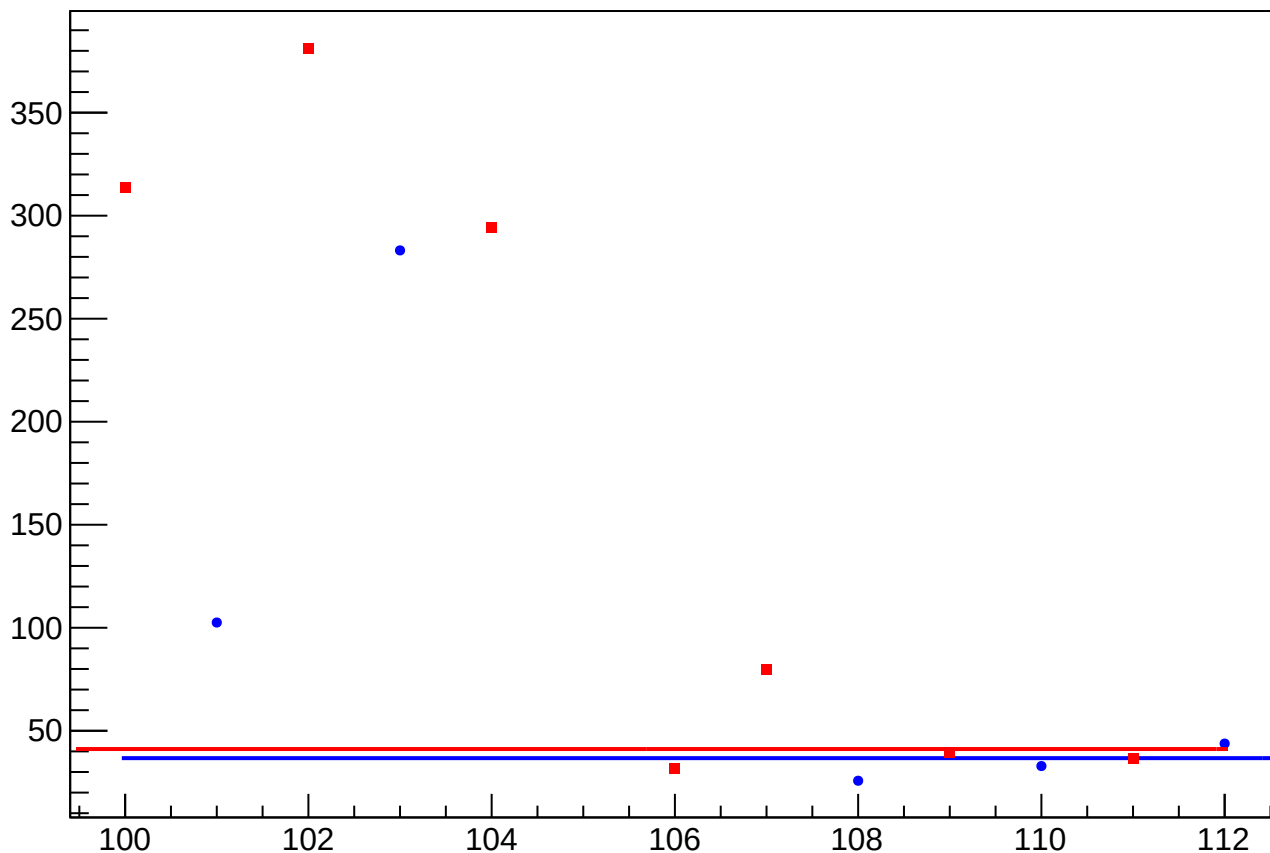
Right: -0.004 $\pm$ 0.022 χ^2 /NDF: 11.5/11

In: 0.022 $\pm$ 0.029 χ^2 /NDF:4.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.022 χ^2 /NDF: 11.5/11

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.723+/-0.021 χ^2/NDF : 1524099.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.148+/-0.024 χ^2/NDF : 1579985.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

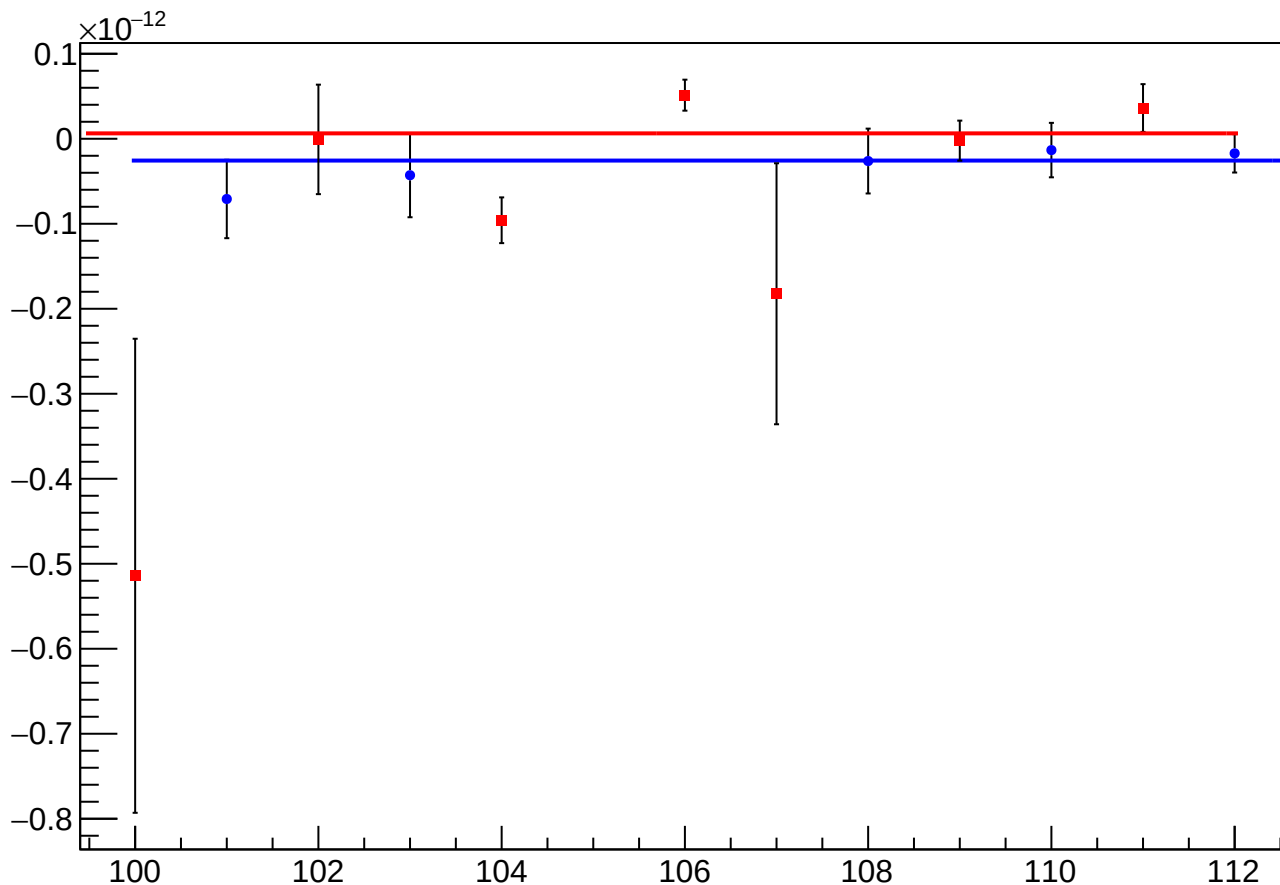
Right: 38.579+/-0.016 χ^2/NDF : 3123202.2/11

In: 36.723+/-0.021 χ^2/NDF : 1524099.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.579+/-0.016 χ^2/NDF : 3123202.2/11

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 : 1.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 26.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

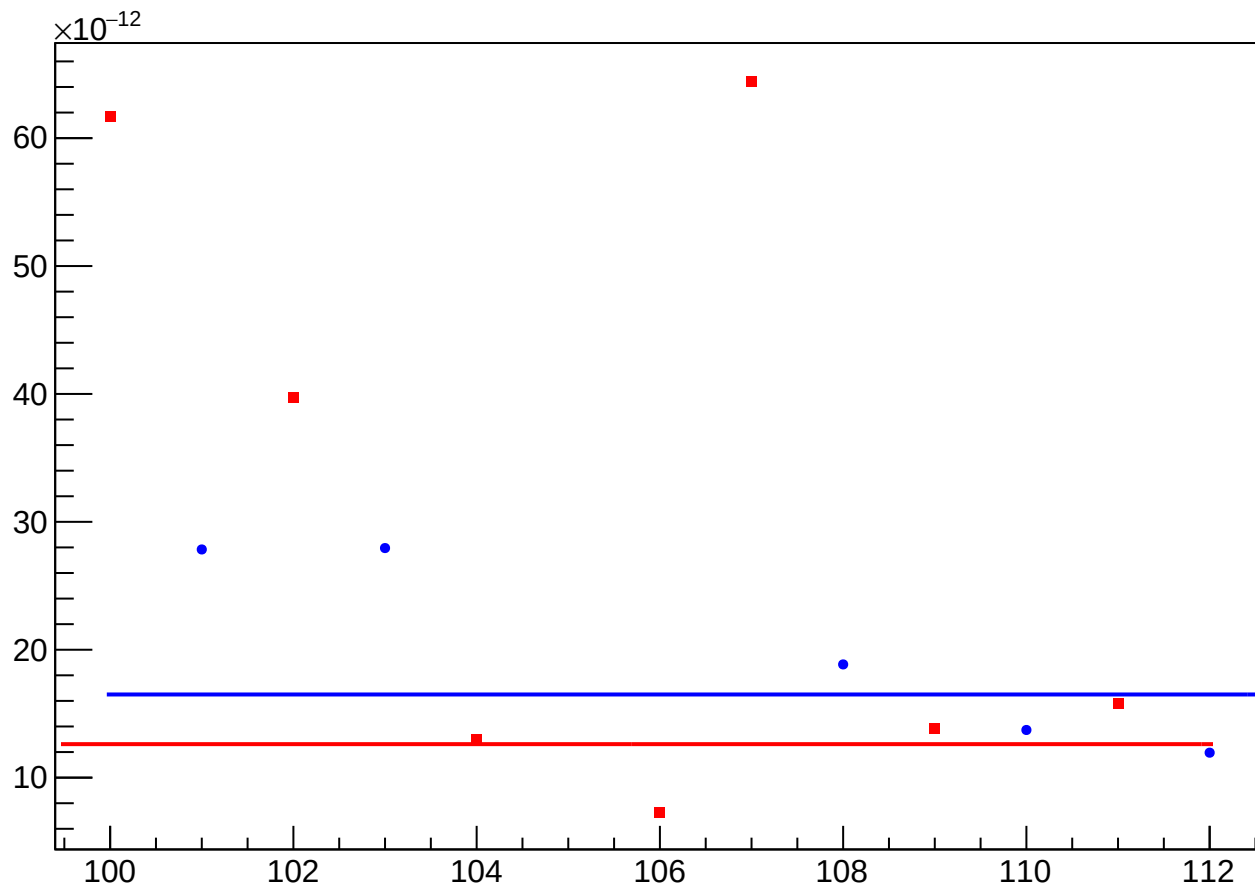
Right: -0.000+/-0.000 χ^2/NDF : 31.1/11

In: -0.000+/-0.000 χ^2/NDF : 1.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.1/11

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 : 331880.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 849110.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

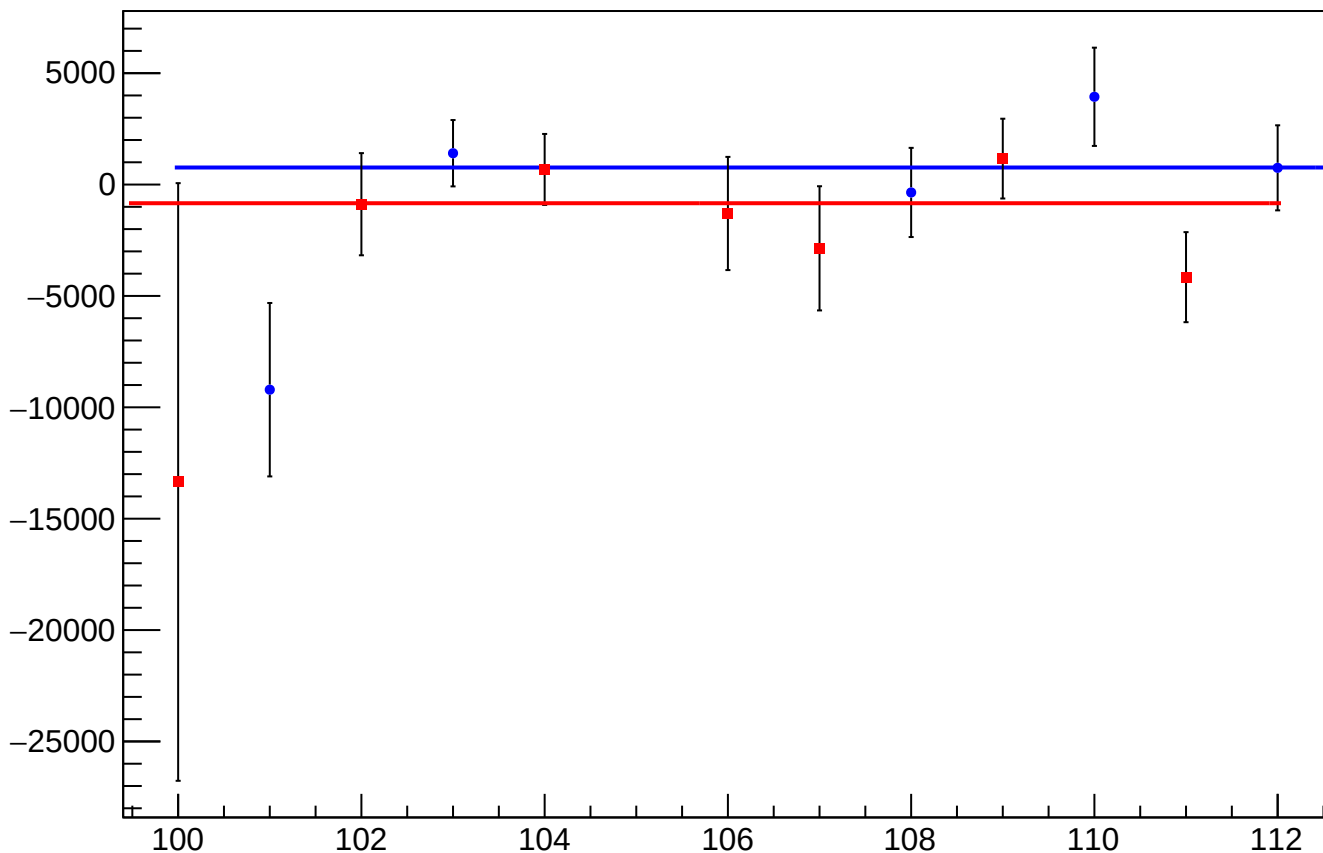
Right: 0.000+/-0.000 χ^2/NDF : 1266878.5/11

In: 0.000+/-0.000 χ^2/NDF : 331880.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1266878.5/11

reg_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 765.583+/-895.778 χ^2 /NDF: 9.1/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -837.841+/-836.254 χ^2 /NDF: 6.3/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

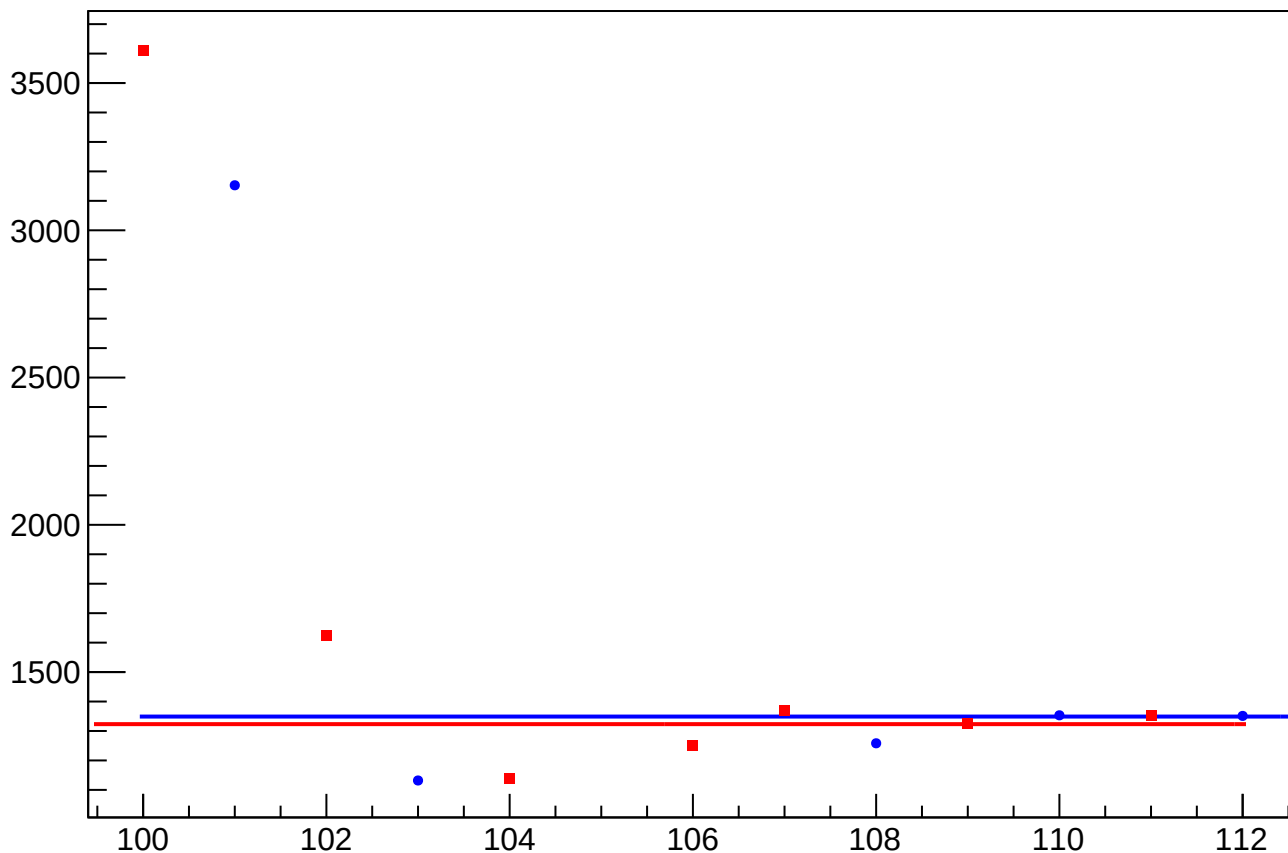
Right: -91.167+/-611.282 χ^2 /NDF: 17.1/11

In: 765.583+/-895.778 χ^2 /NDF:9.1/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -91.167+/-611.282 χ^2 /NDF: 17.1/11

reg_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1348.976+/-0.633 χ^2/NDF : 476000.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1323.249+/-0.591 χ^2/NDF : 121510.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

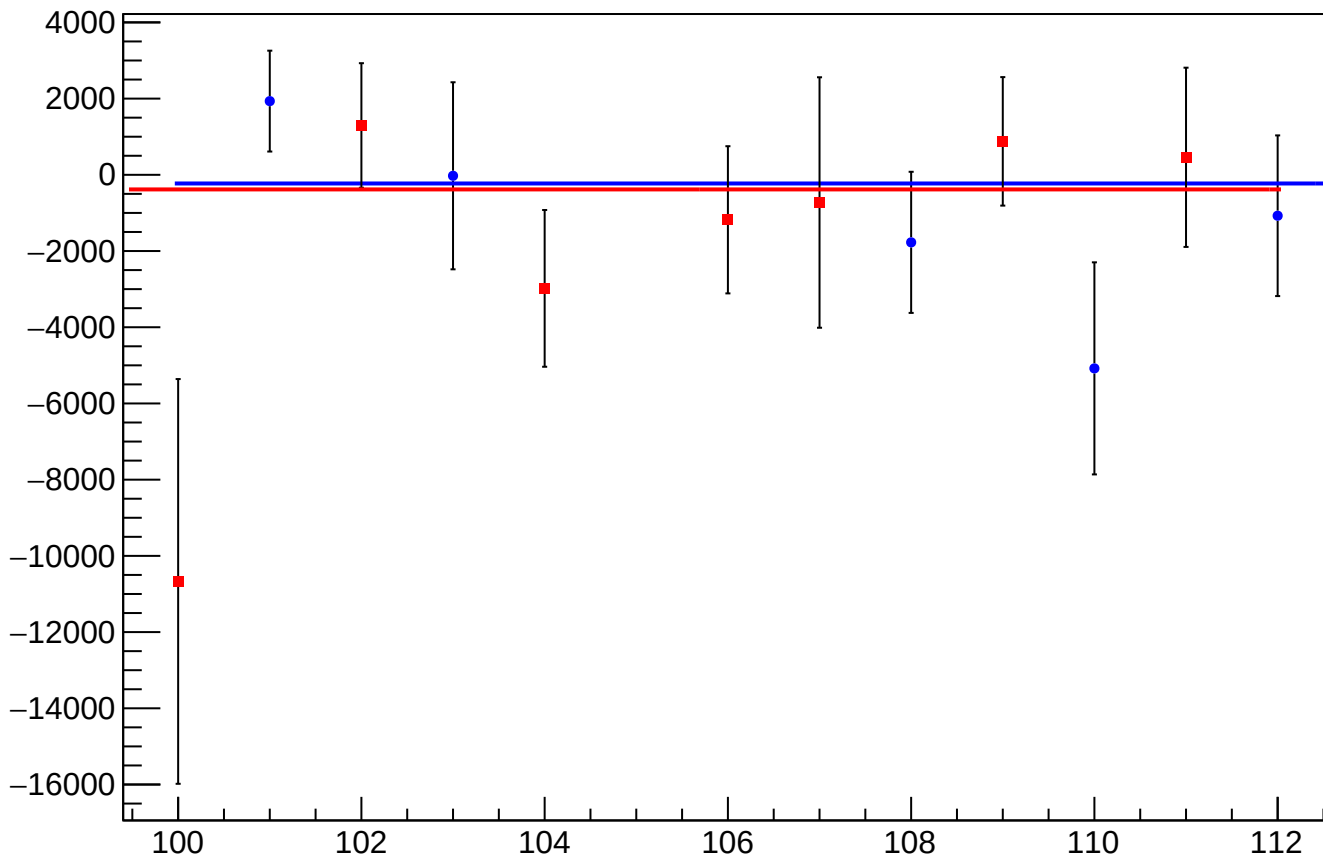
Right: 1335.229+/-0.432 χ^2/NDF : 598392.3/11

In: 1348.976+/-0.633 χ^2/NDF : 476000.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1335.229+/-0.432 χ^2/NDF : 598392.3/11

asym_atl_dd_atr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -227.352+/-850.449 χ^2/NDF : 6.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -383.174+/-805.960 χ^2/NDF : 7.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

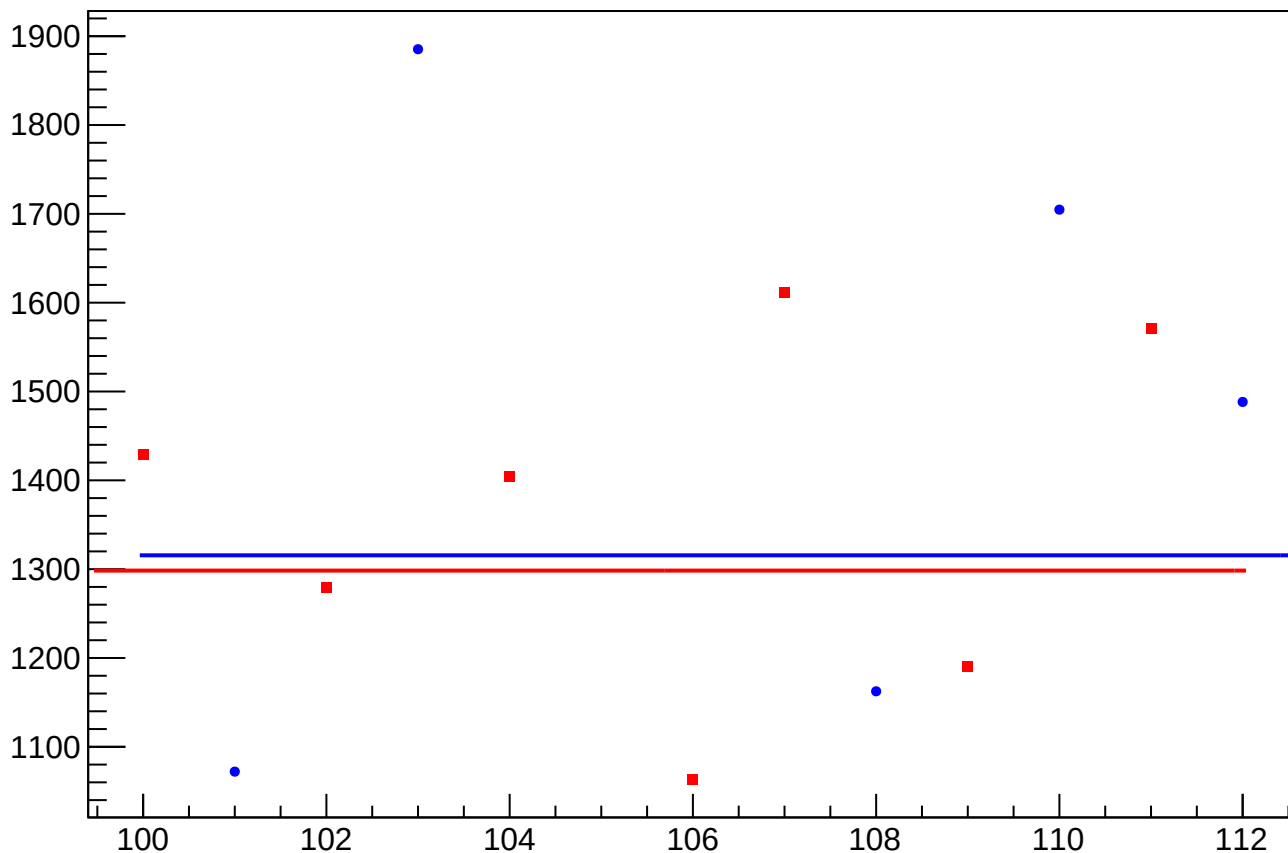
Right: -309.445+/-584.996 χ^2/NDF : 13.9/11

In: -227.352+/-850.449 χ^2/NDF : 6.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -309.445+/-584.996 χ^2/NDF : 13.9/11

asym_atl_dd_atr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1315.592+/-0.601 χ^2/NDF : 241675.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.394+/-0.570 χ^2/NDF : 89563.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

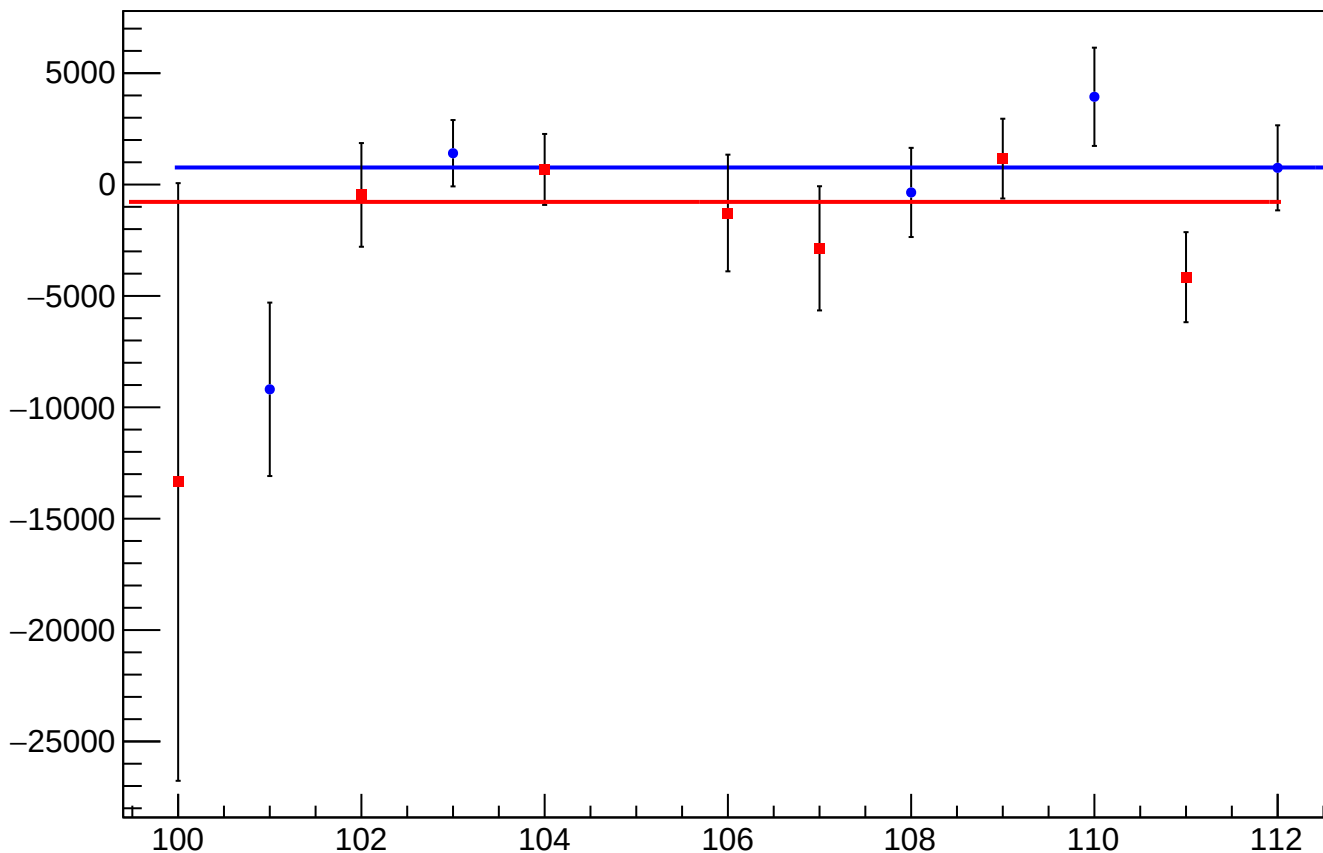
Right: 1306.532+/-0.414 χ^2/NDF : 331670.7/11

In: 1315.592+/-0.601 χ^2/NDF : 241675.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1306.532+/-0.414 χ^2/NDF : 331670.7/11

cor_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 766.495+/-895.778 χ^2/NDF : 9.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -778.382+/-840.585 χ^2/NDF : 6.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

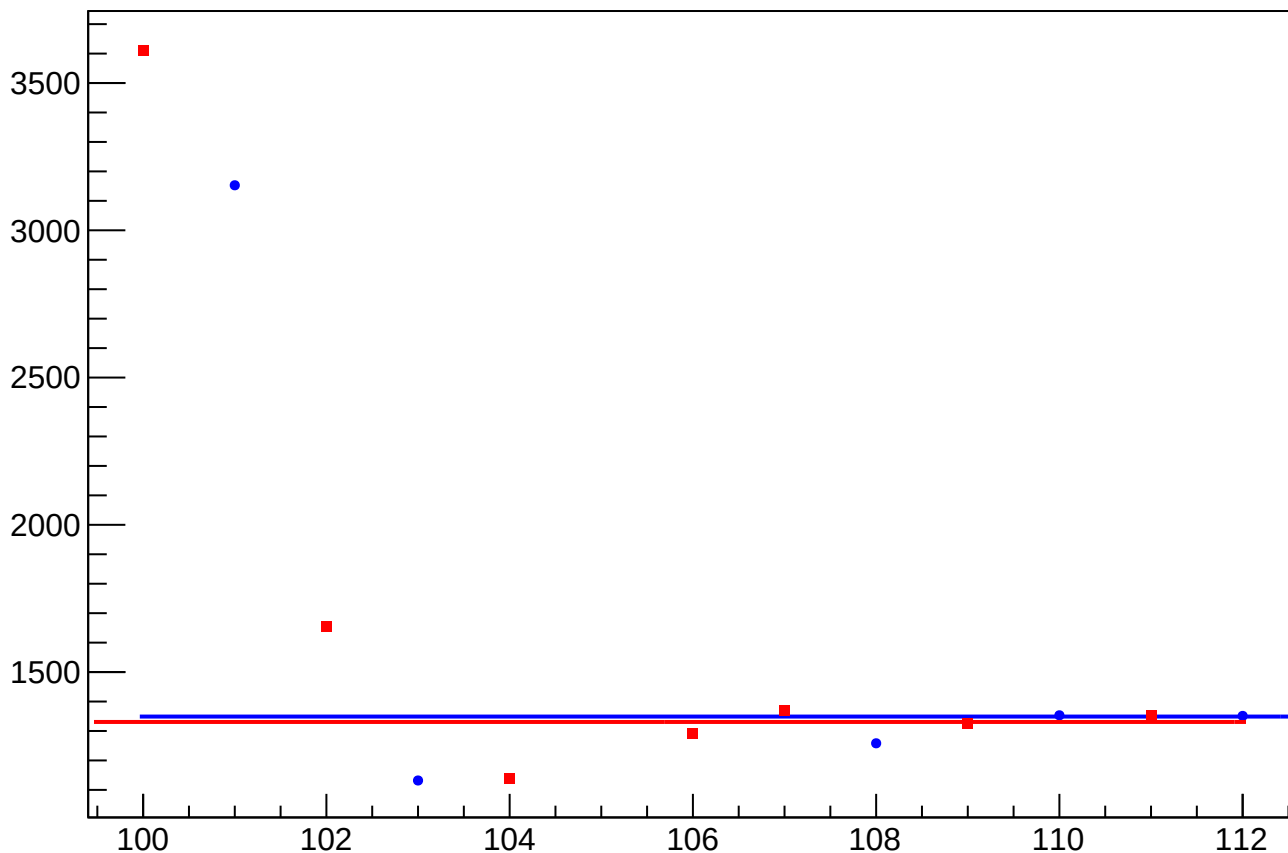
Right: -55.001+/-612.967 χ^2/NDF : 17.0/11

In: 766.495+/-895.778 χ^2/NDF : 9.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.001+/-612.967 χ^2/NDF : 17.0/11

cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1348.976+/-0.633 χ^2/NDF : 476002.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1330.655+/-0.594 χ^2/NDF : 126391.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

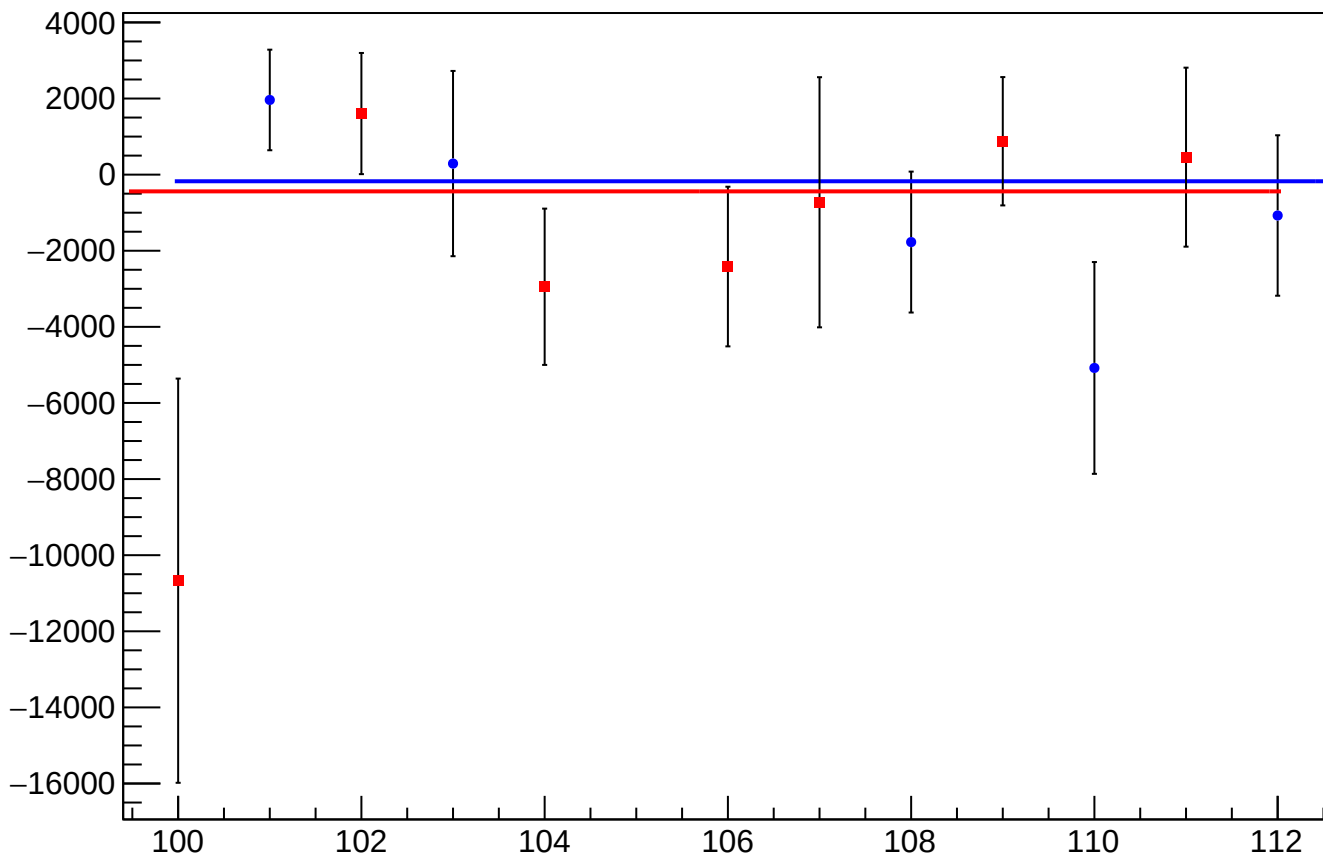
Right: 1339.234+/-0.433 χ^2/NDF : 602838.2/11

In: 1348.976+/-0.633 χ^2/NDF : 476002.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1339.234+/-0.433 χ^2/NDF : 602838.2/11

asym_atl_dd_atr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -174.146+/-849.047 χ^2 /NDF: 6.7/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -439.866+/-811.245 χ^2 /NDF: 8.5/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

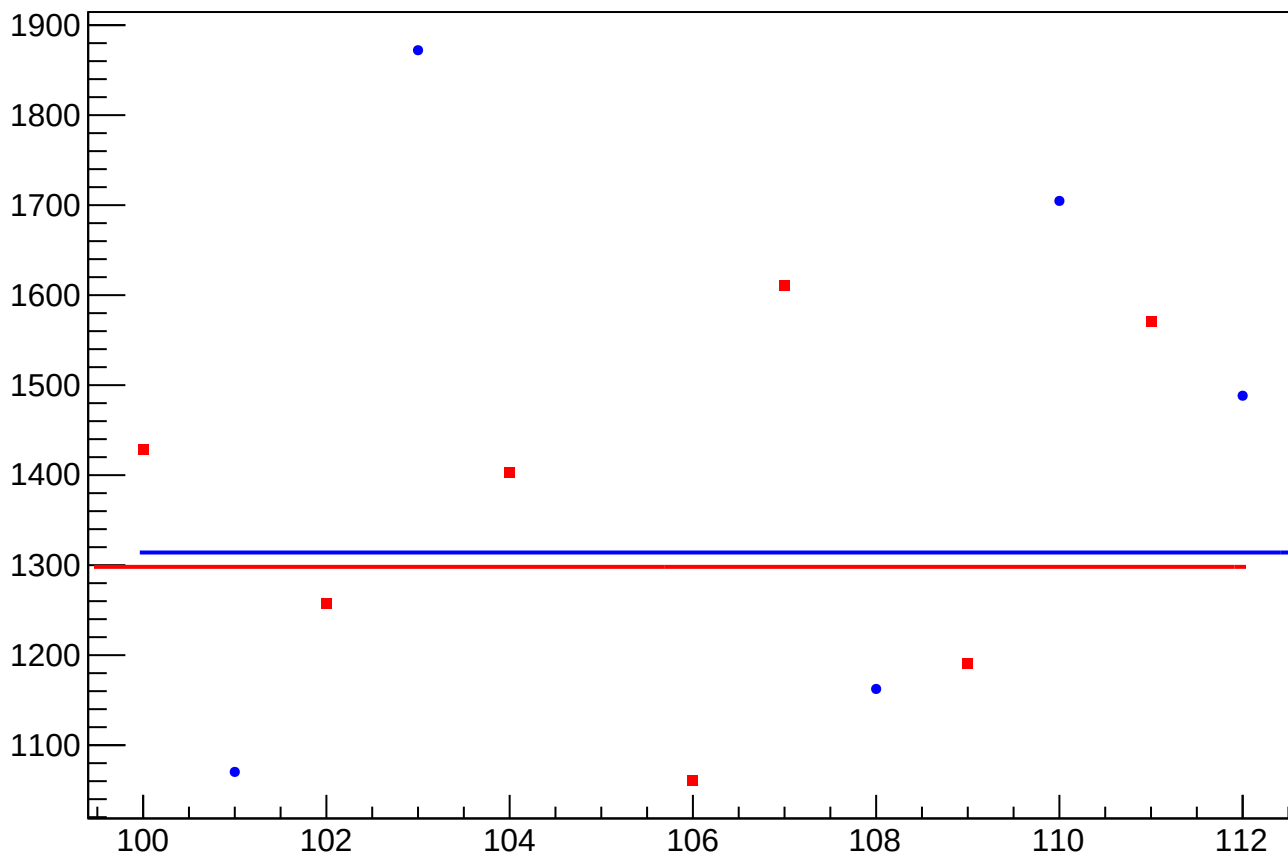
Right: -313.053+/-586.545 χ^2 /NDF: 15.2/11

In: -174.146+/-849.047 χ^2 /NDF:6.7/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -313.053+/-586.545 χ^2 /NDF: 15.2/11

asym_atl_dd_atr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1314.065+/-0.600 χ^2/NDF : 239656.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.108+/-0.574 χ^2/NDF : 86465.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

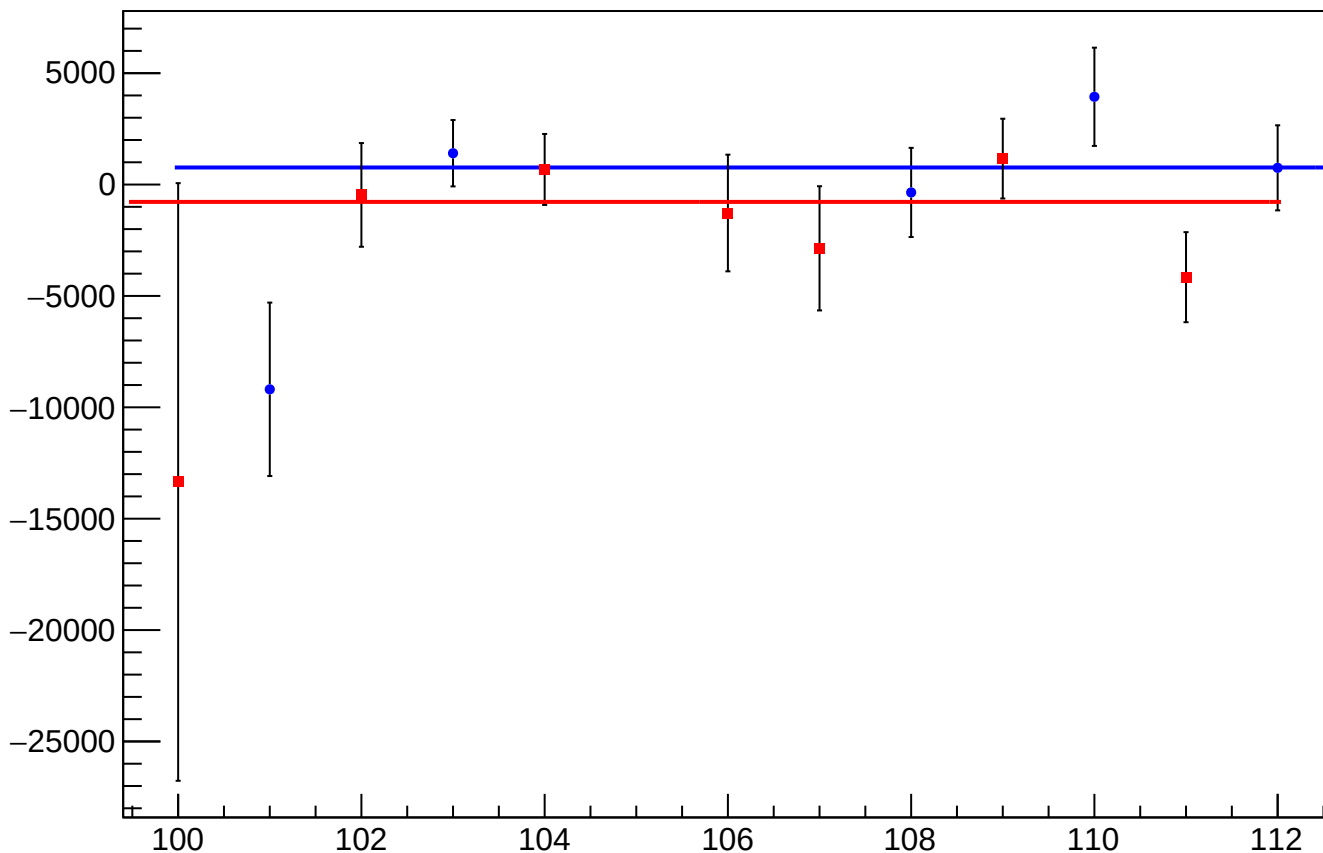
Right: 1305.724+/-0.415 χ^2/NDF : 326491.0/11

In: 1314.065+/-0.600 χ^2/NDF : 239656.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1305.724+/-0.415 χ^2/NDF : 326491.0/11

eigen_cor_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 766.495+/-895.778 χ^2 /NDF: 9.1/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -778.382+/-840.585 χ^2 /NDF: 6.3/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

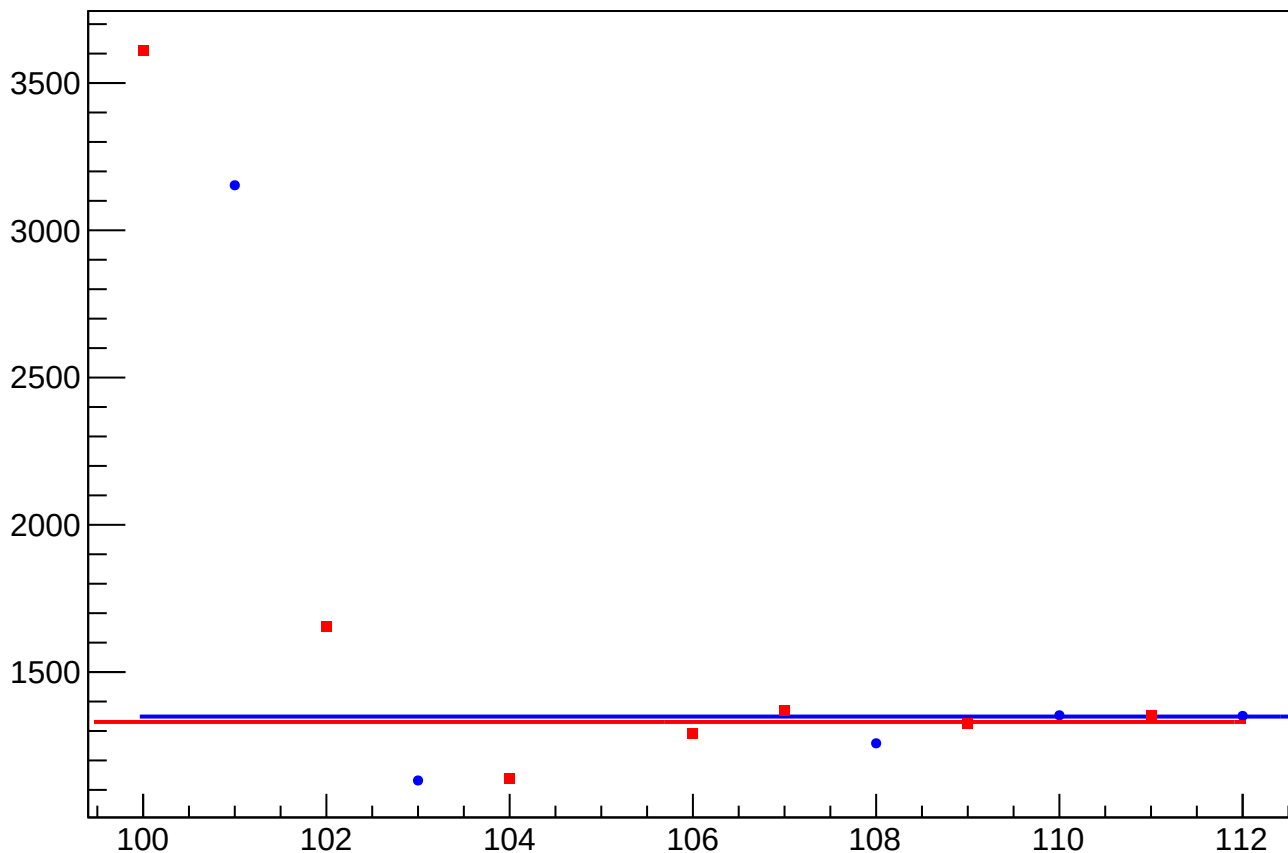
Right: -55.001+/-612.967 χ^2 /NDF: 17.0/11

In: 766.495+/-895.778 χ^2 /NDF:9.1/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -55.001+/-612.967 χ^2 /NDF: 17.0/11

eigen_cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1348.976+/-0.633 χ^2/NDF : 476002.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1330.655+/-0.594 χ^2/NDF : 126391.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

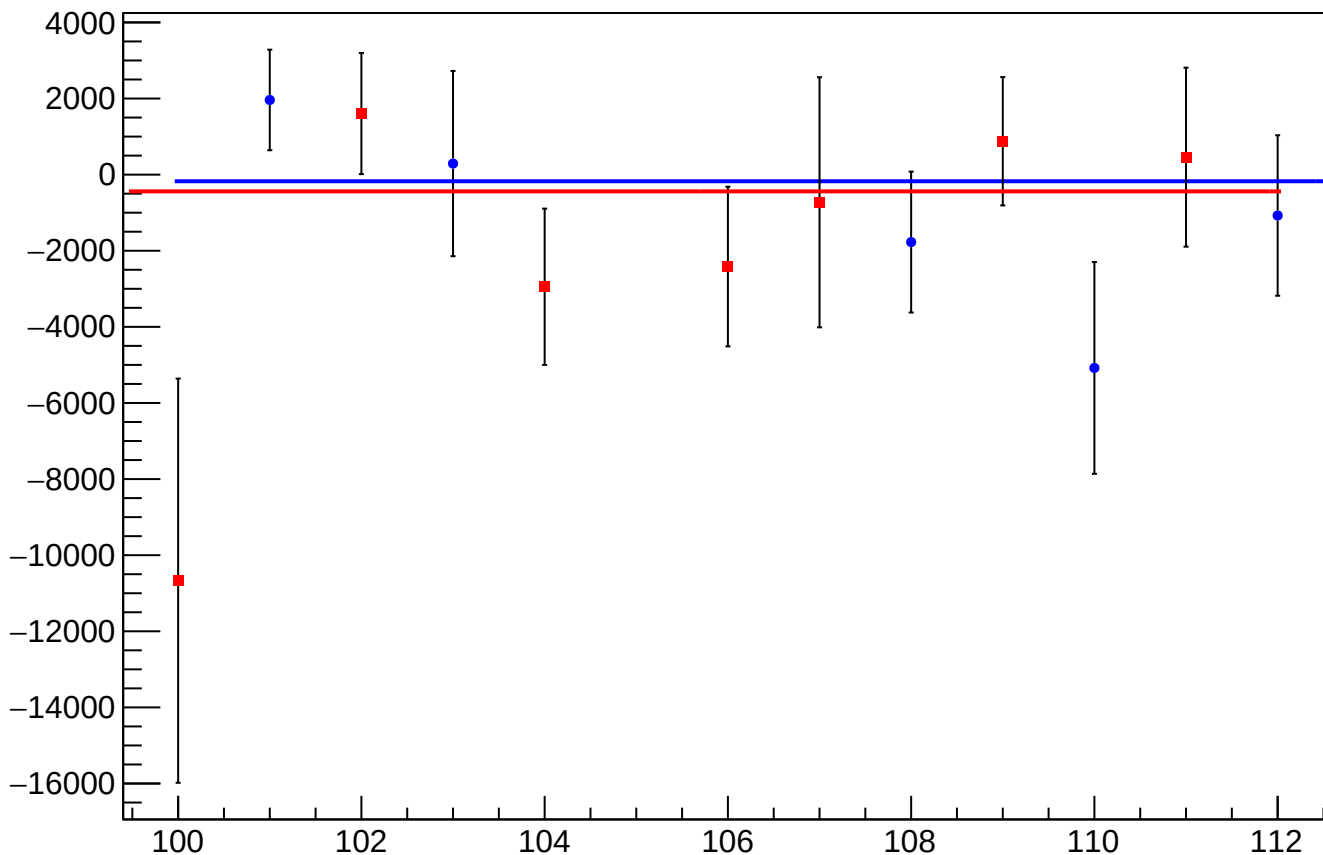
Right: 1339.234+/-0.433 χ^2/NDF : 602838.2/11

In: 1348.976+/-0.633 χ^2/NDF : 476002.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1339.234+/-0.433 χ^2/NDF : 602838.2/11

asym_atl_dd_atr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -174.146+/-849.047 χ^2 /NDF: 6.7/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -439.866+/-811.245 χ^2 /NDF: 8.5/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

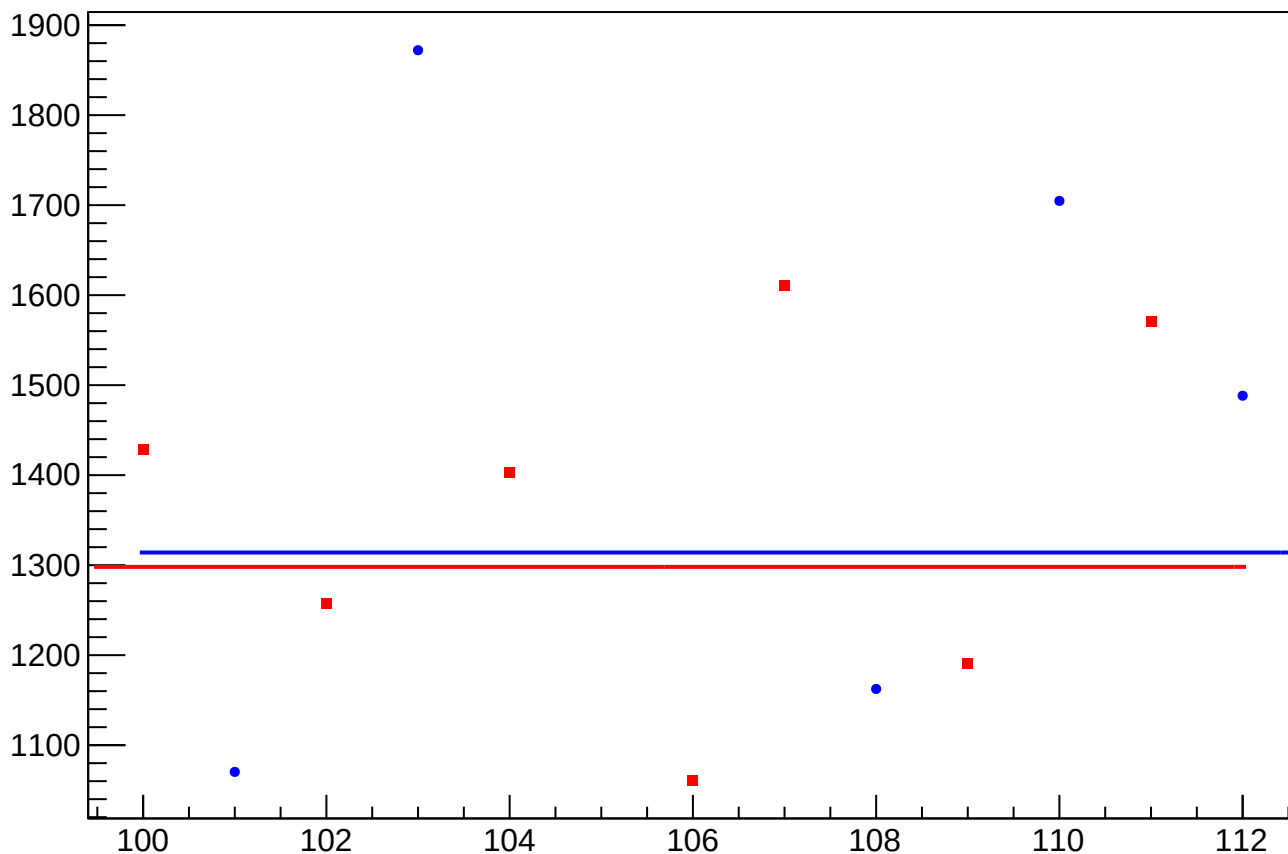
Right: -313.053+/-586.545 χ^2 /NDF: 15.2/11

In: -174.146+/-849.047 χ^2 /NDF:6.7/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -313.053+/-586.545 χ^2 /NDF: 15.2/11

asym_atl_dd_atr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1314.065+/-0.600 χ^2/NDF : 239656.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.108+/-0.574 χ^2/NDF : 86465.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

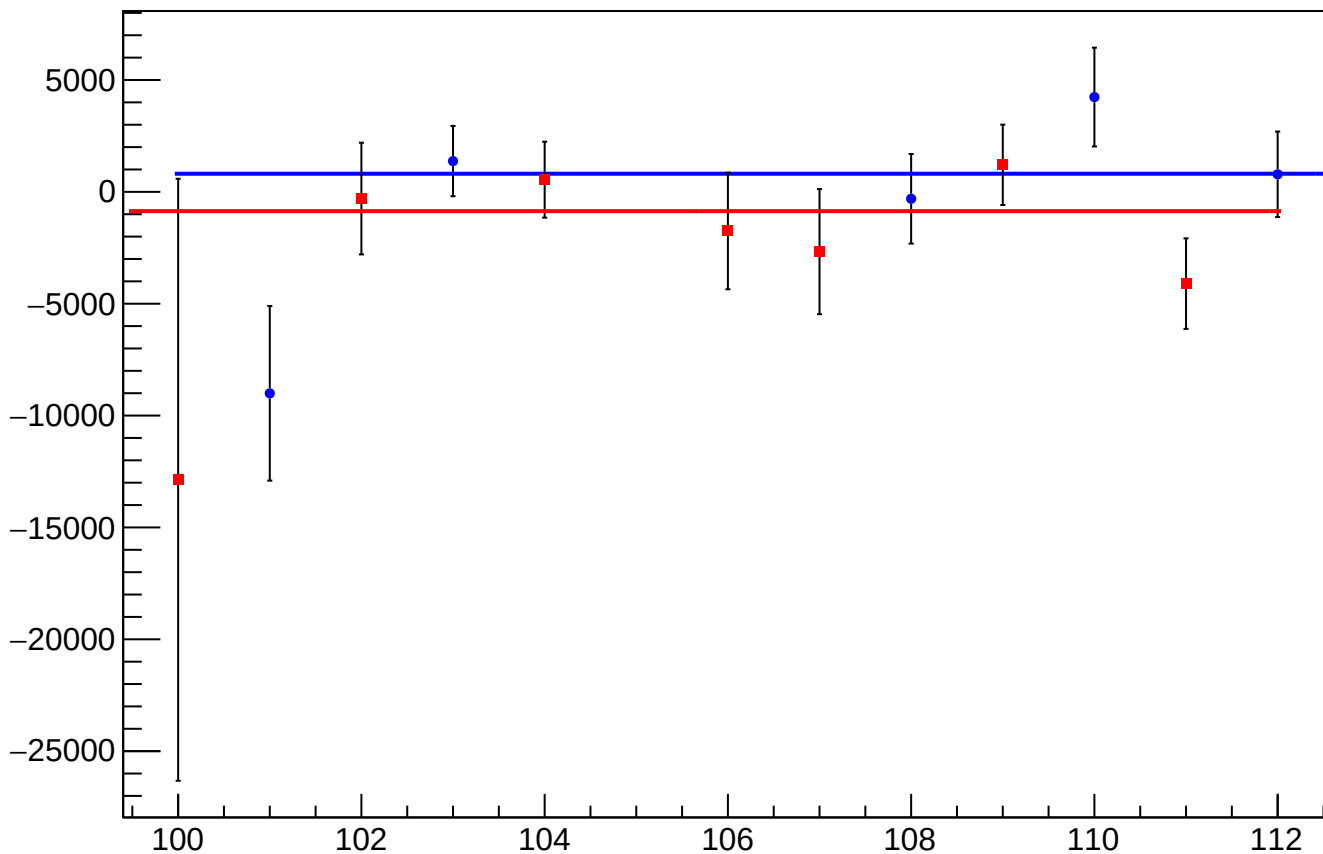
Right: 1305.724+/-0.415 χ^2/NDF : 326491.0/11

In: 1314.065+/-0.600 χ^2/NDF : 239656.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1305.724+/-0.415 χ^2/NDF : 326491.0/11

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 810.245+/-913.370 χ^2/NDF : 9.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -861.943+/-863.107 χ^2/NDF : 6.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

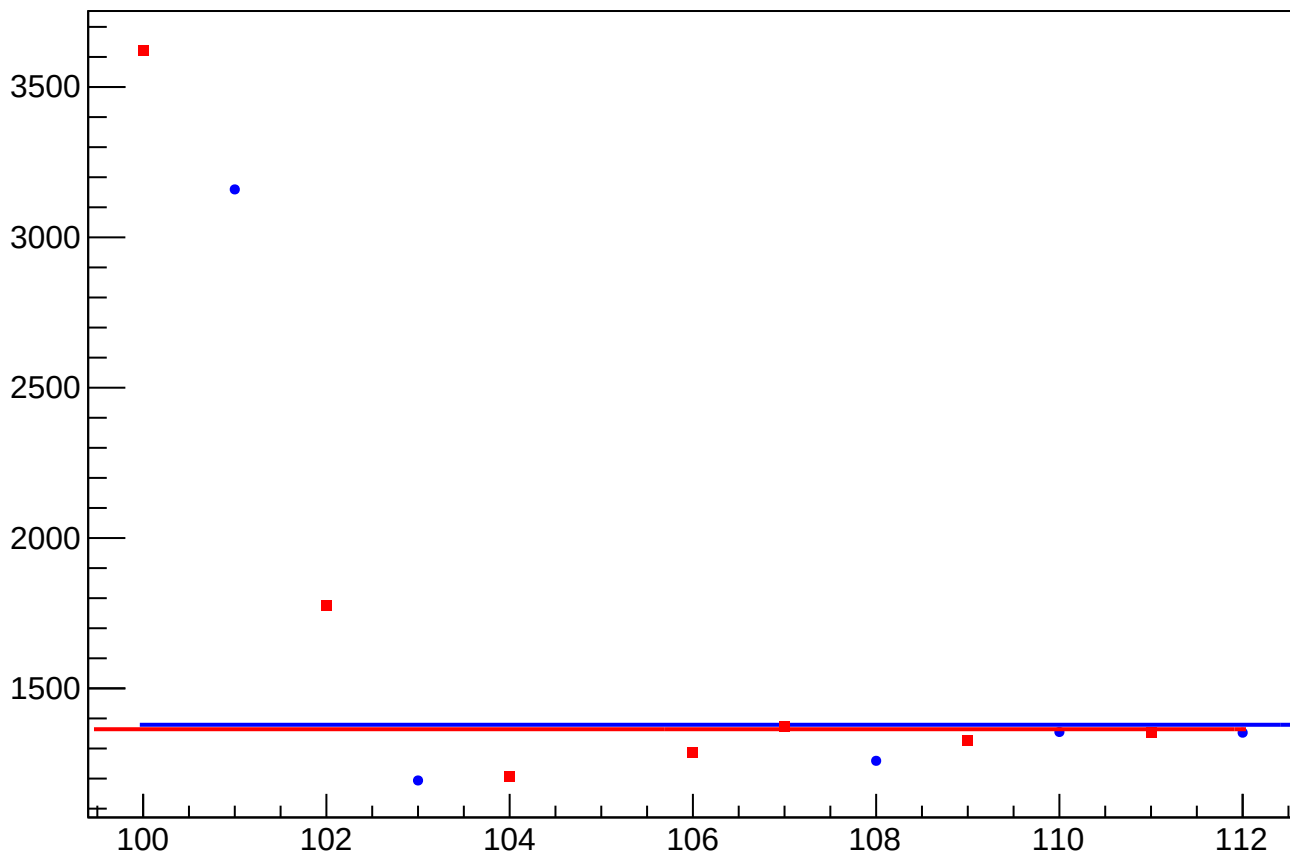
Right: -73.124+/-627.326 χ^2/NDF : 16.9/11

In: 810.245+/-913.370 χ^2/NDF : 9.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -73.124+/-627.326 χ^2/NDF : 16.9/11

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1378.939+/-0.646 χ^2/NDF : 452153.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1364.144+/-0.610 χ^2/NDF : 130375.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

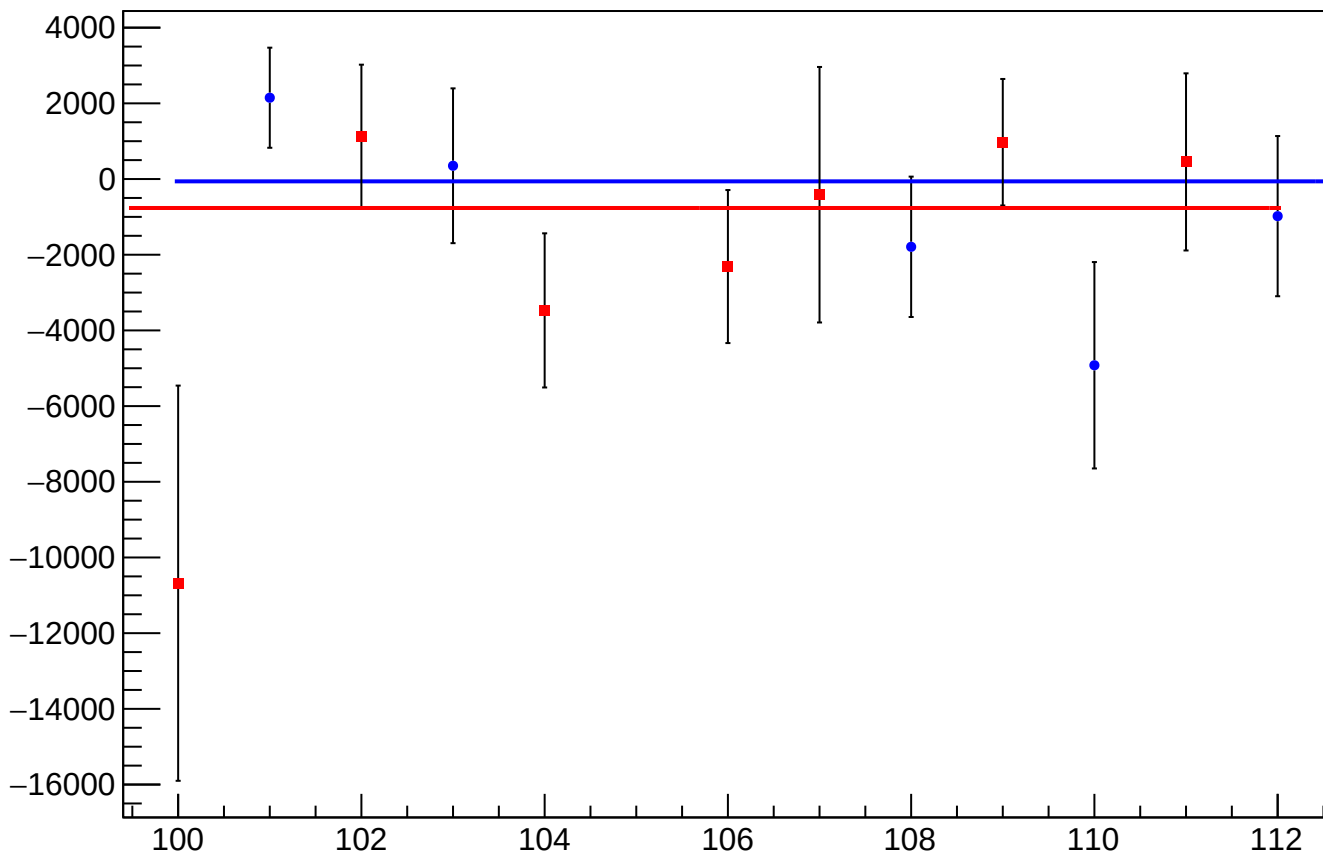
Right: 1371.123+/-0.444 χ^2/NDF : 582806.2/11

In: 1378.939+/-0.646 χ^2/NDF : 452153.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1371.123+/-0.444 χ^2/NDF : 582806.2/11

asym_atl_dd_atr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -61.129+/-827.842 χ^2/NDF : 7.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -765.102+/-837.266 χ^2/NDF : 8.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

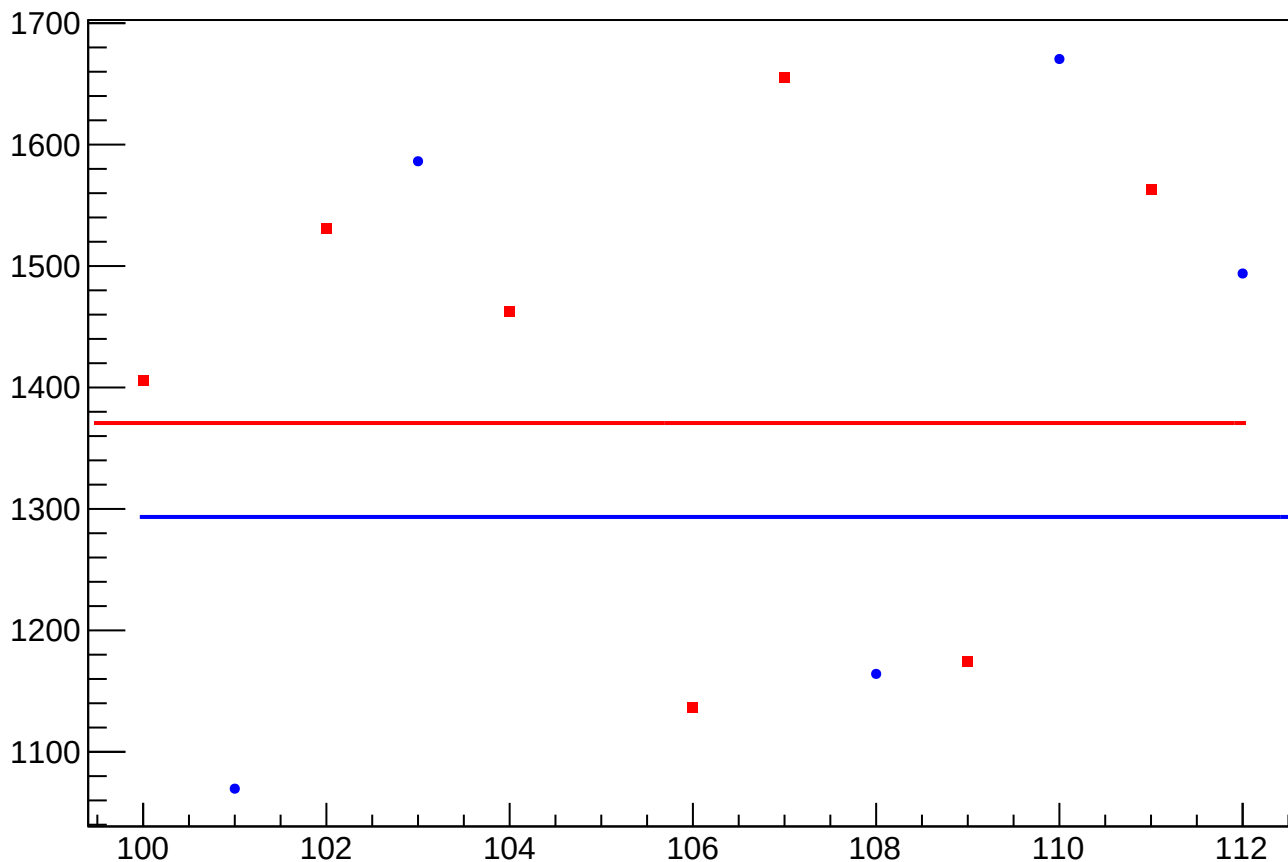
Right: -409.132+/-588.676 χ^2/NDF : 15.7/11

In: -61.129+/-827.842 χ^2/NDF : 7.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -409.132+/-588.676 χ^2/NDF : 15.7/11

asym_atl_dd_atr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1293.408+/-0.585 χ^2/NDF : 164125.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1370.739+/-0.592 χ^2/NDF : 100558.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

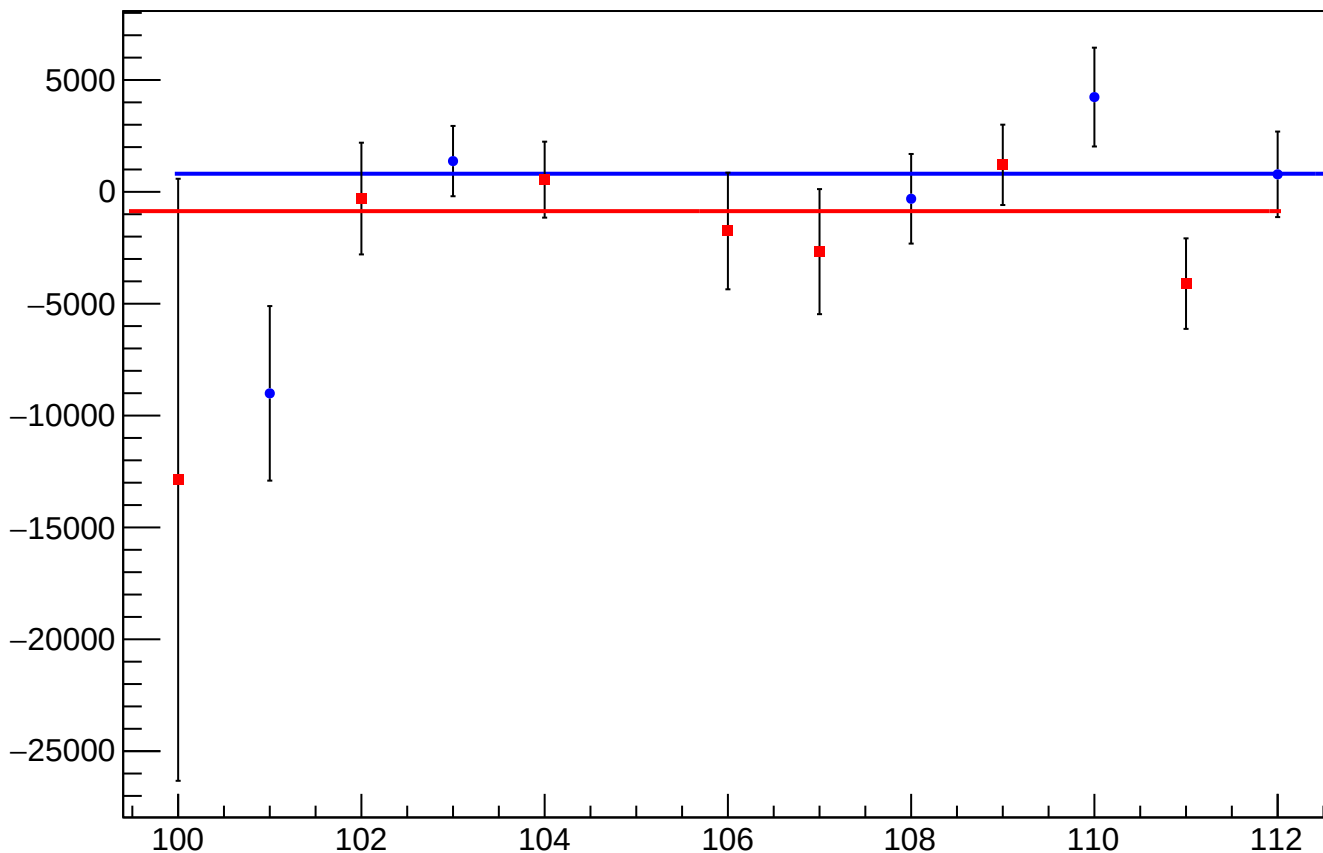
Right: 1331.636+/-0.416 χ^2/NDF : 273311.6/11

In: 1293.408+/-0.585 χ^2/NDF : 164125.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1331.636+/-0.416 χ^2/NDF : 273311.6/11

eigen_dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 810.241+/-913.370 χ^2/NDF : 9.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -861.943+/-863.106 χ^2/NDF : 6.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

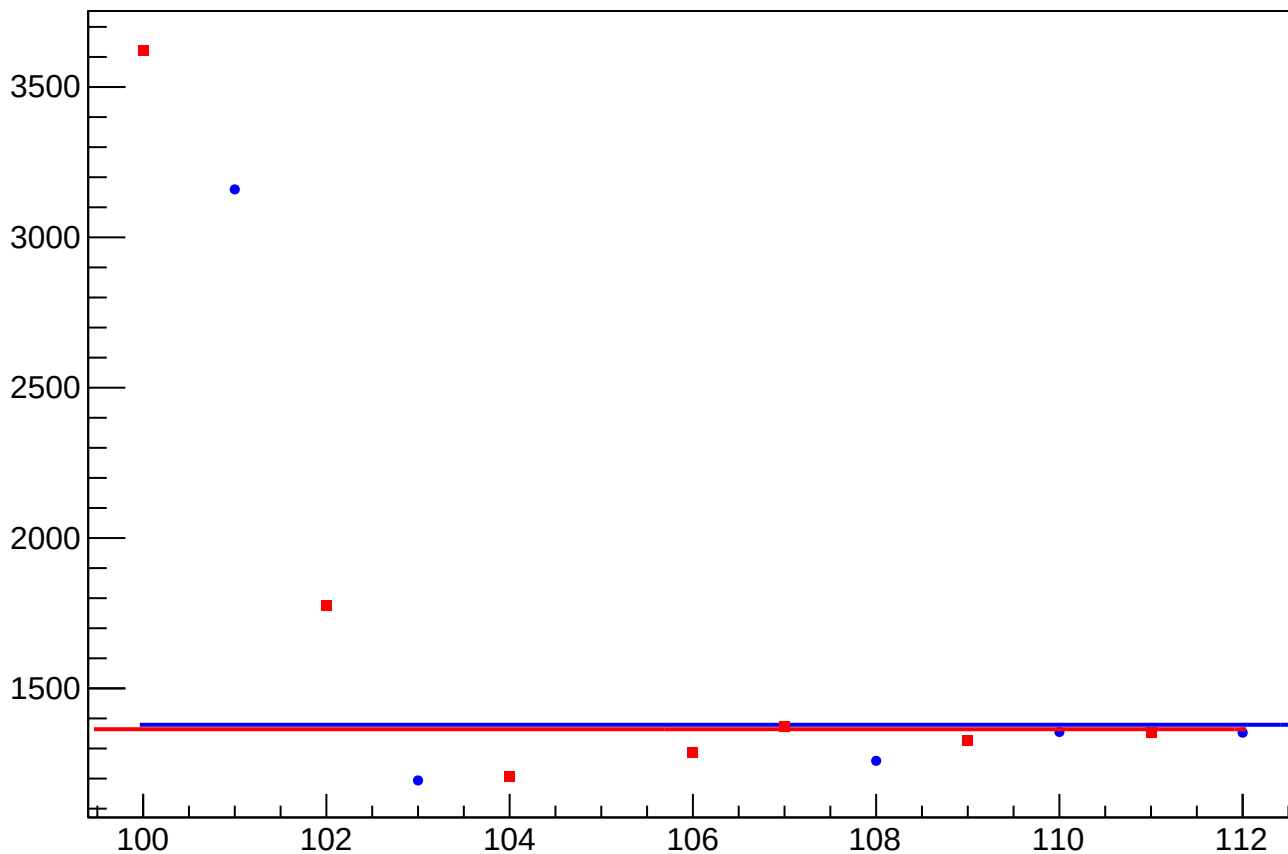
Right: -73.126+/-627.325 χ^2/NDF : 16.9/11

In: 810.241+/-913.370 χ^2/NDF : 9.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -73.126+/-627.325 χ^2/NDF : 16.9/11

eigen_dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1378.938+/-0.646 χ^2/NDF : 452154.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1364.143+/-0.610 χ^2/NDF : 130375.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

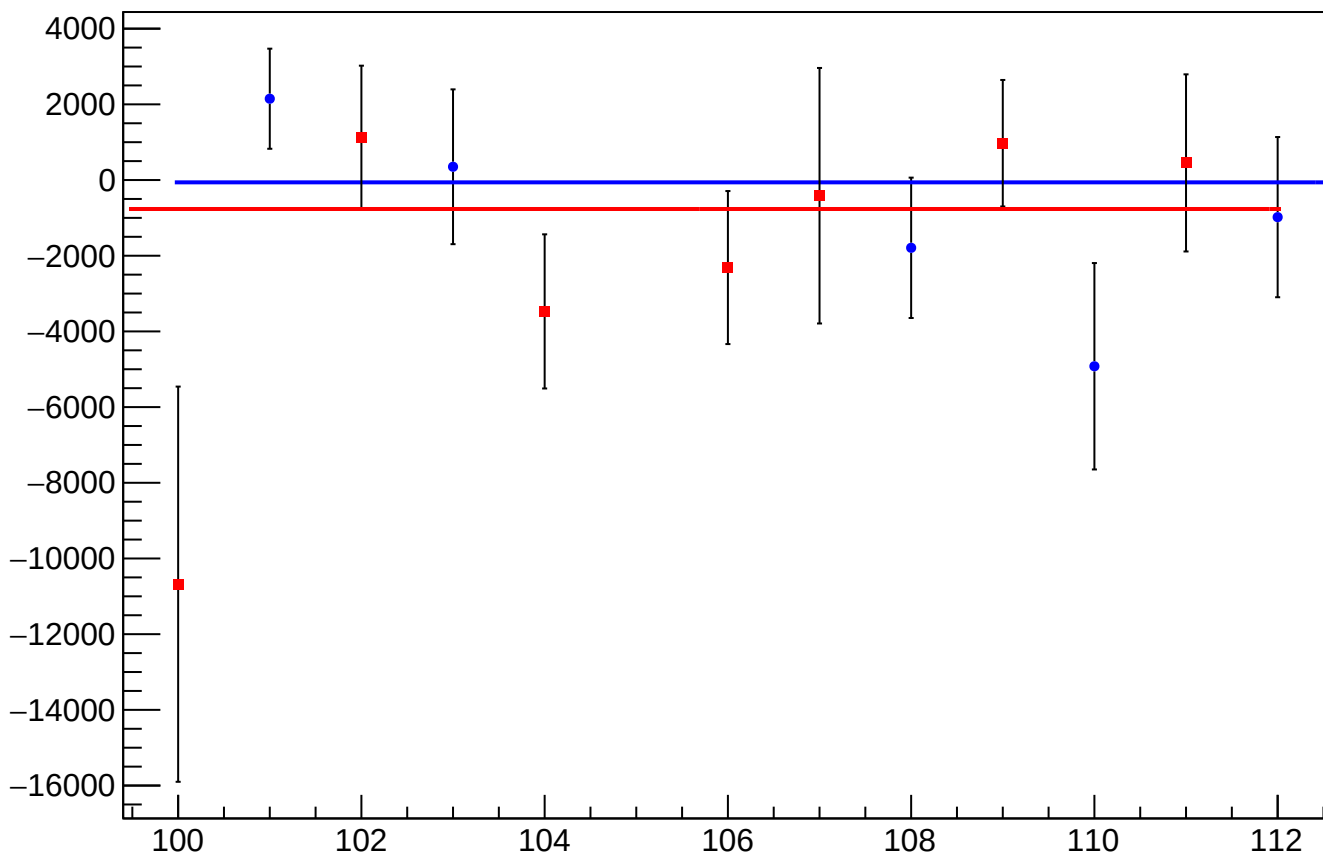
Right: 1371.122+/-0.444 χ^2/NDF : 582806.4/11

In: 1378.938+/-0.646 χ^2/NDF : 452154.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1371.122+/-0.444 χ^2/NDF : 582806.4/11

asym_atl_dd_atr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -61.128+/-827.839 χ^2/NDF : 7.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -765.105+/-837.266 χ^2/NDF : 8.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

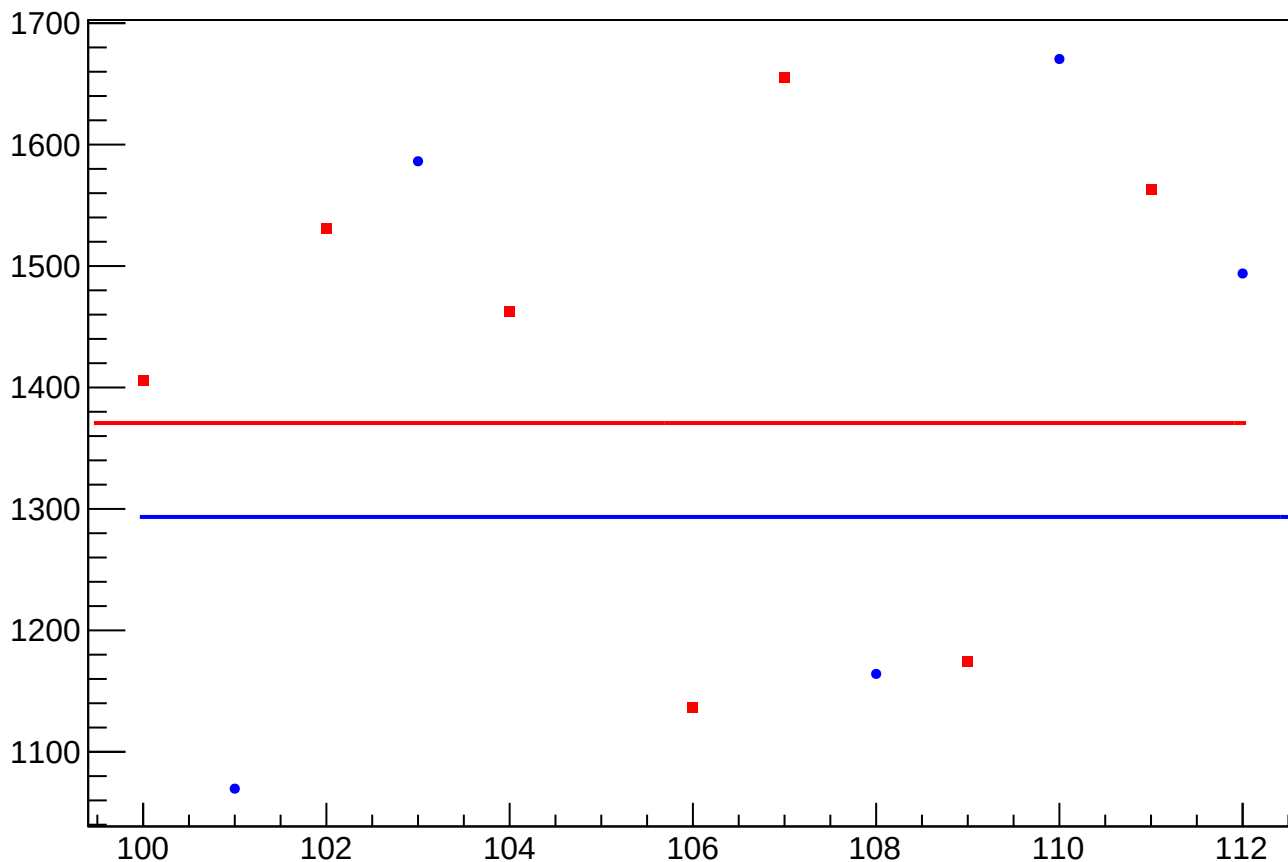
Right: -409.131+/-588.675 χ^2/NDF : 15.7/11

In: -61.128+/-827.839 χ^2/NDF : 7.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -409.131+/-588.675 χ^2/NDF : 15.7/11

asym_atl_dd_atr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1293.402+/-0.585 χ^2/NDF : 164133.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1370.739+/-0.592 χ^2/NDF : 100560.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

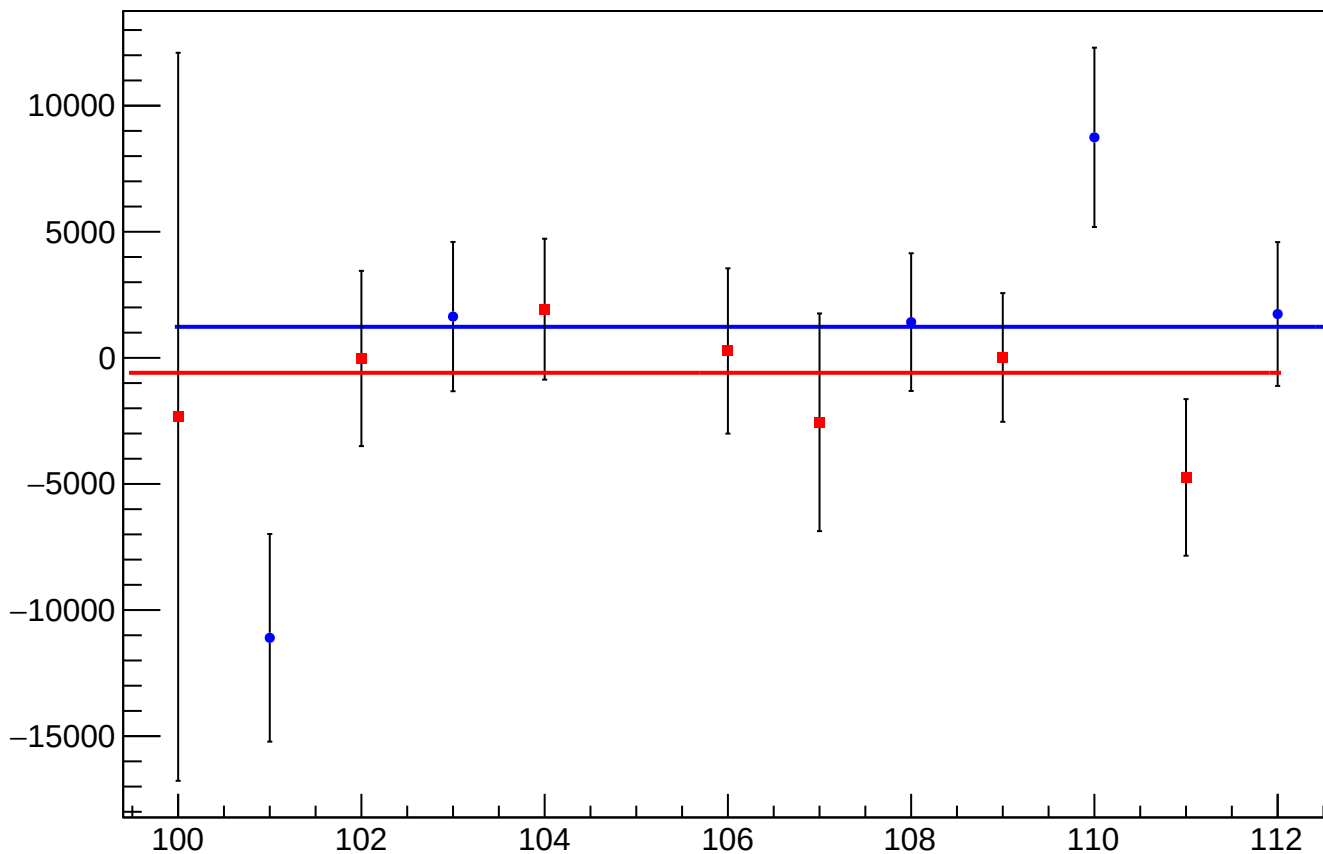
Right: 1331.632+/-0.416 χ^2/NDF : 273322.2/11

In: 1293.402+/-0.585 χ^2/NDF : 164133.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1331.632+/-0.416 χ^2/NDF : 273322.2/11

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 1231.296+/-1401.111 χ^2/NDF : 13.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -592.041+/-1270.098 χ^2/NDF : 3.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

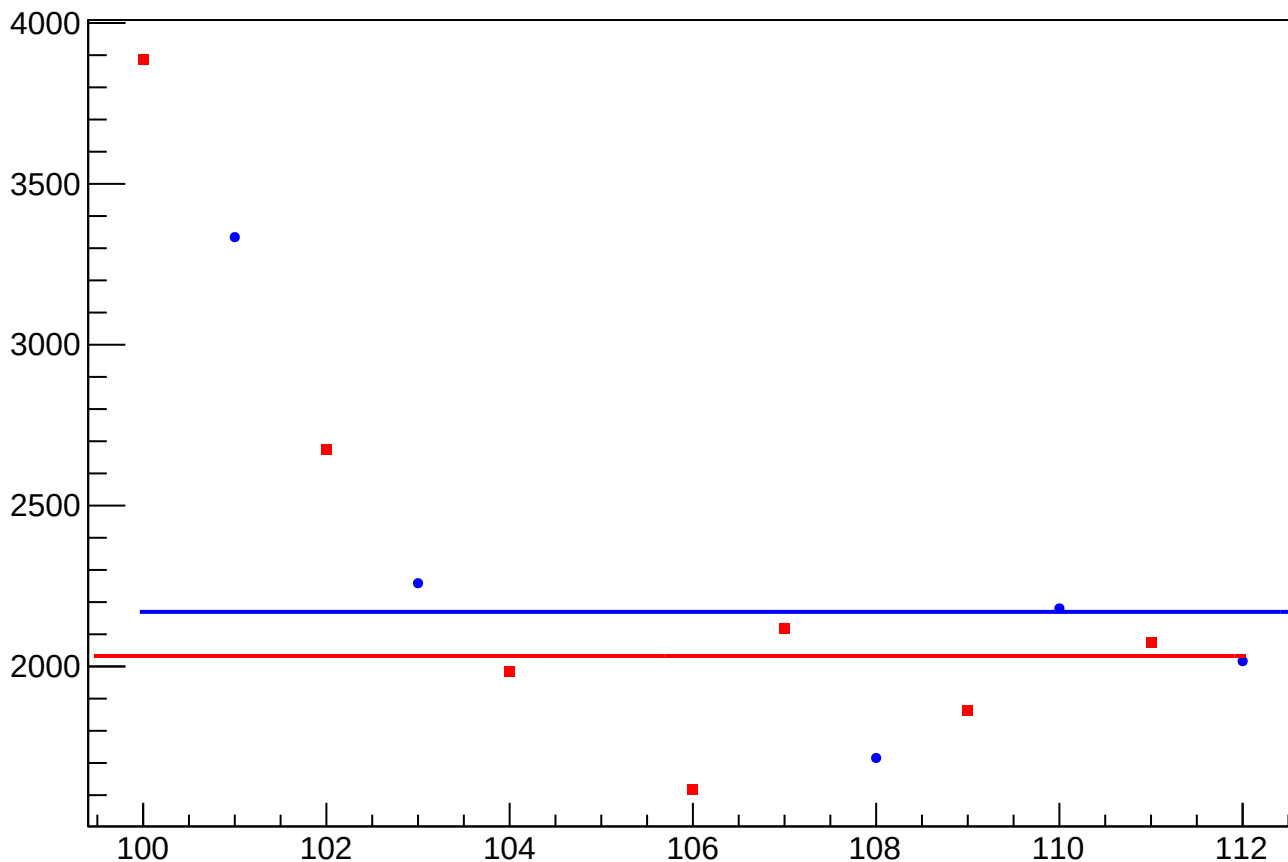
Right: 230.414+/-941.012 χ^2/NDF : 17.4/11

In: 1231.296+/-1401.111 χ^2/NDF : 13.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 230.414+/-941.012 χ^2/NDF : 17.4/11

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2169.650+/-0.991 χ^2/NDF : 223080.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2032.580+/-0.898 χ^2/NDF : 143727.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

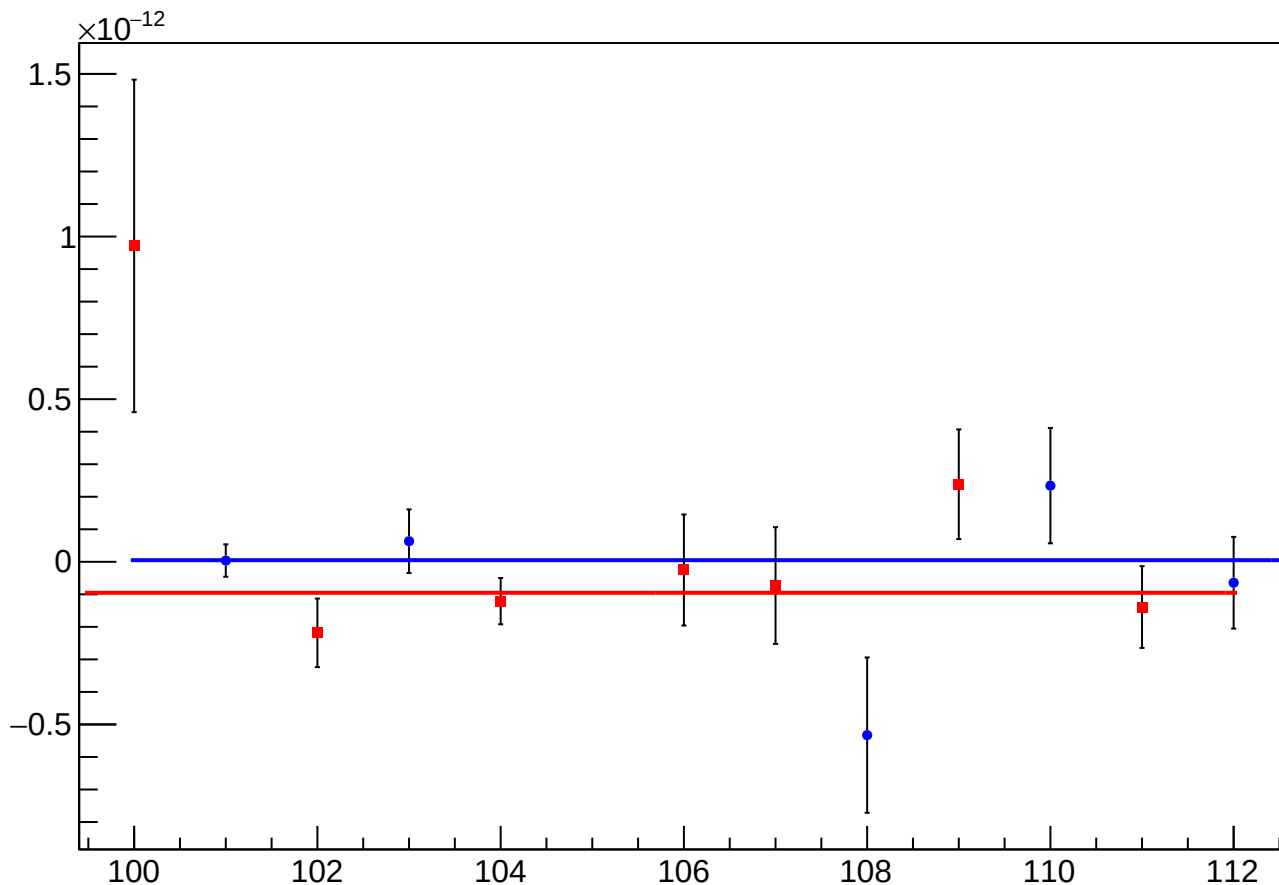
Right: 2094.406+/-0.665 χ^2/NDF : 377315.4/11

In: 2169.650+/-0.991 χ^2/NDF : 223080.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2094.406+/-0.665 χ^2/NDF : 377315.4/11

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

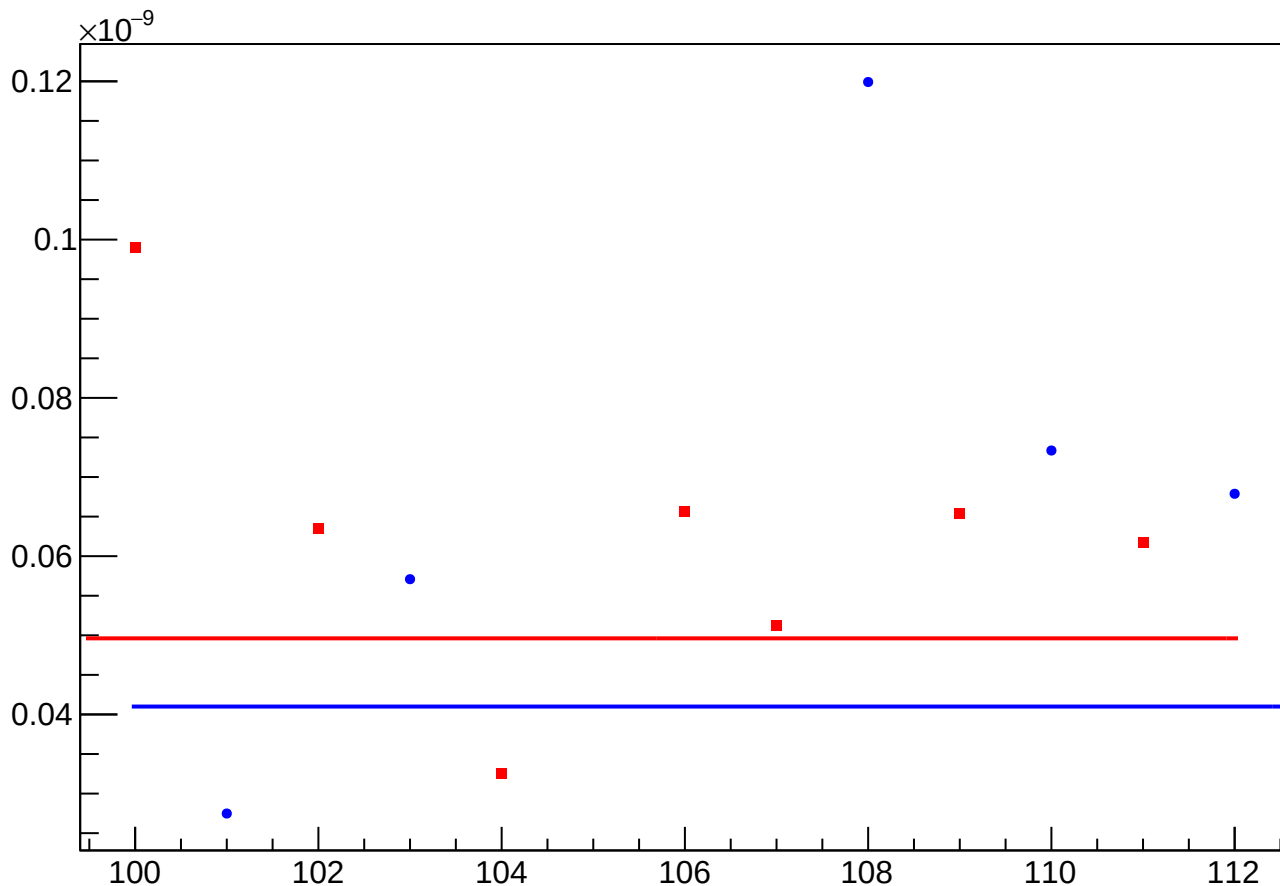
Right: -0.000+/-0.000 χ^2/NDF : 20.0/11

In: 0.000+/-0.000 χ^2/NDF : 7.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.0/11

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 559215.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 221839.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

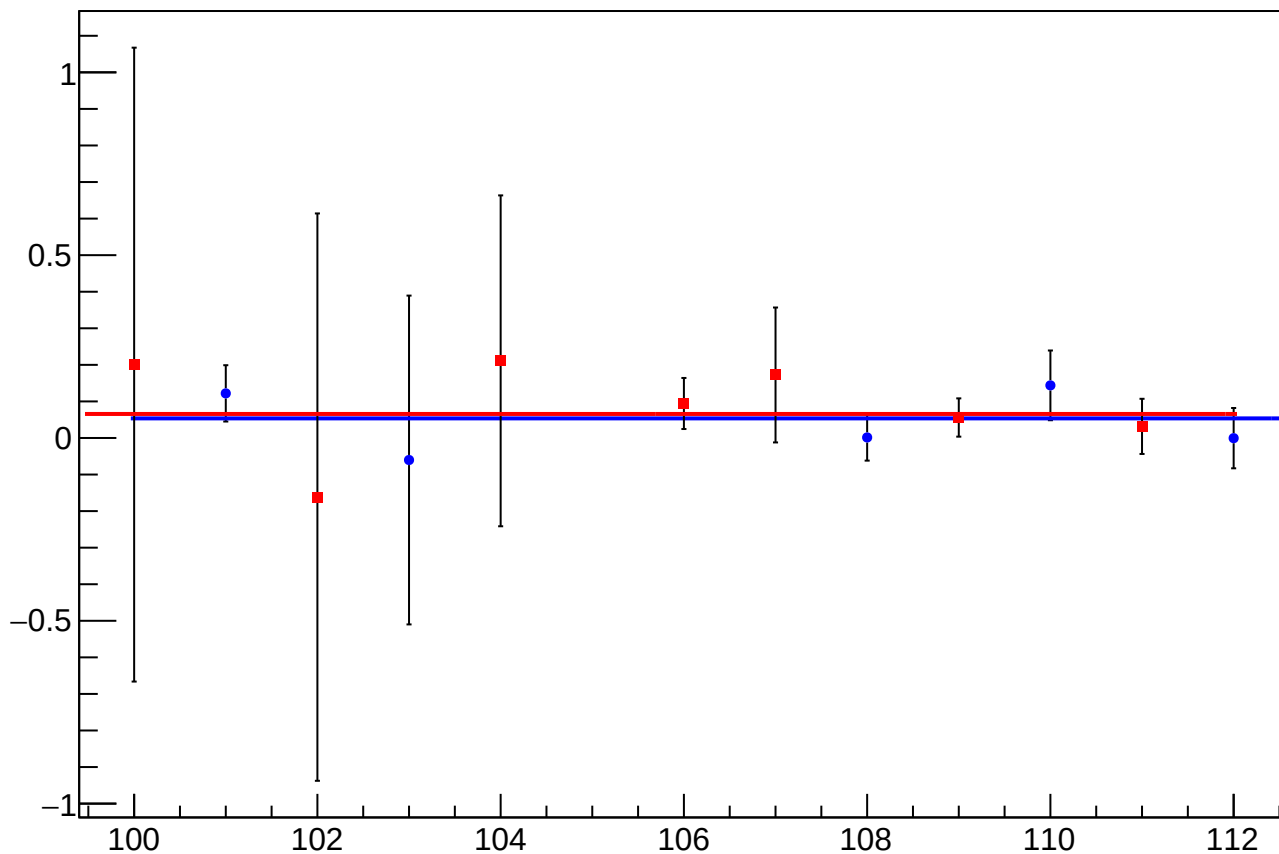
Right: 0.000+/-0.000 χ^2/NDF : 819672.5/11

In: 0.000+/-0.000 χ^2/NDF : 559215.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 819672.5/11

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.054+/-0.038 χ^2/NDF : 2.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.066+/-0.036 χ^2/NDF : 1.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

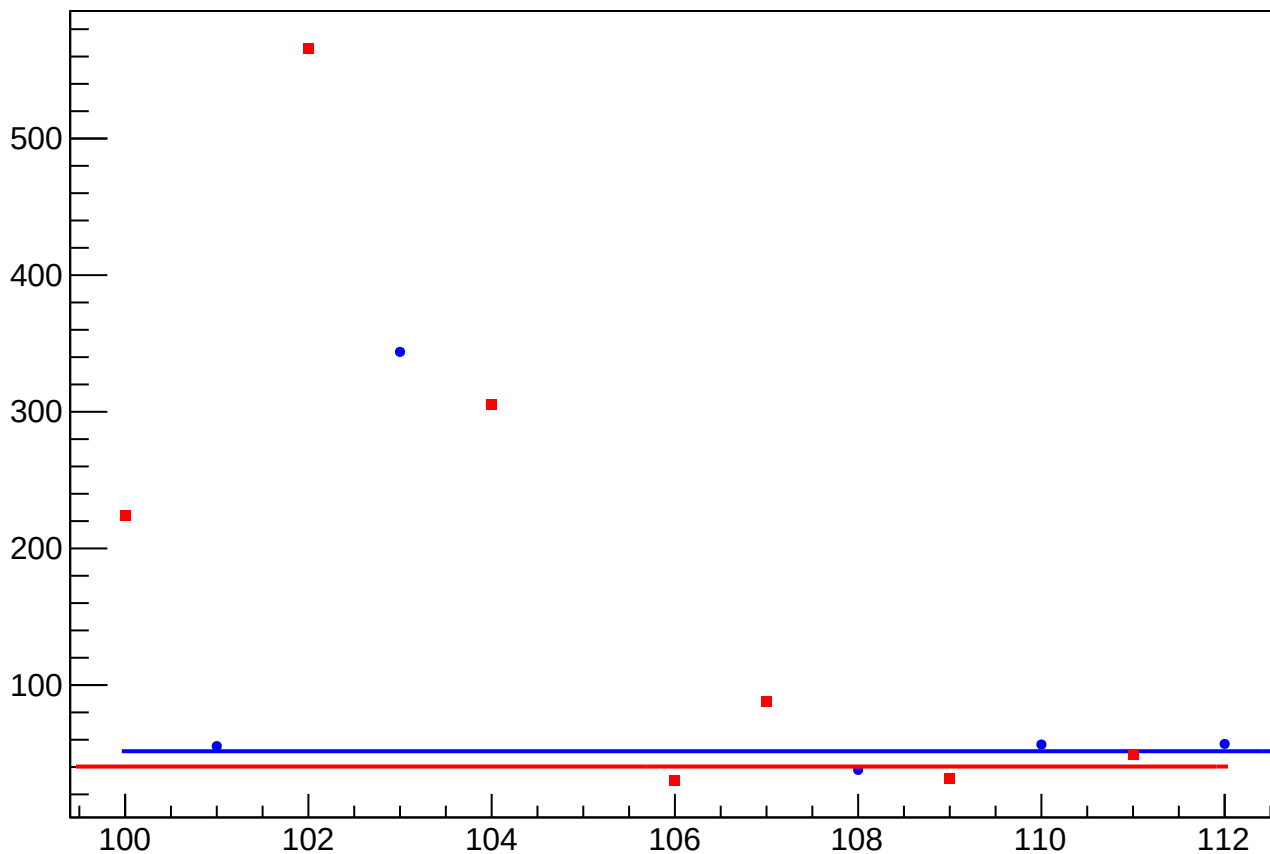
Right: 0.060+/-0.026 χ^2/NDF : 3.9/11

In: 0.054+/-0.038 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.060+/-0.026 χ^2/NDF : 3.9/11

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 51.584+/-0.027 χ^2/NDF : 956309.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.375+/-0.025 χ^2/NDF : 1958045.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

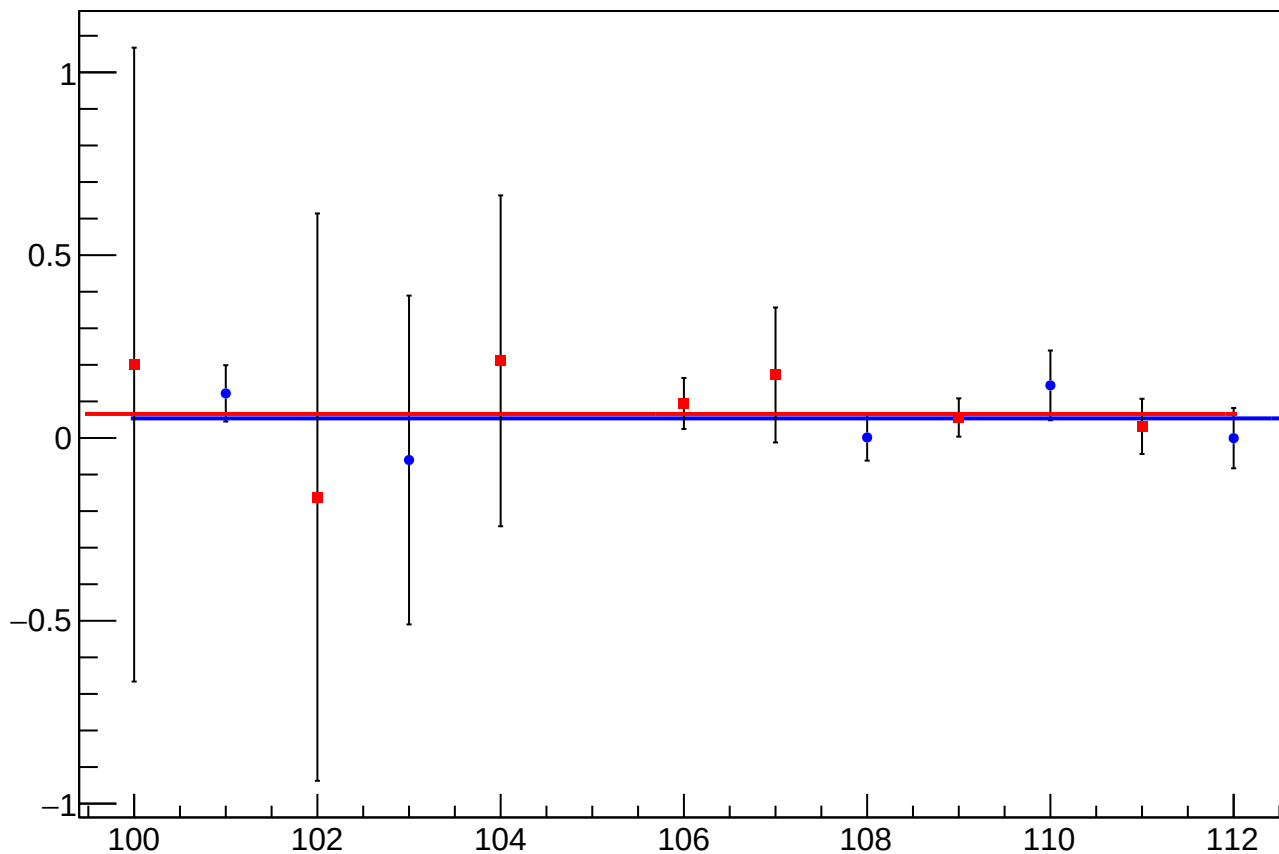
Right: 45.583+/-0.018 χ^2/NDF : 3005756.8/11

In: 51.584+/-0.027 χ^2/NDF : 956309.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.583+/-0.018 χ^2/NDF : 3005756.8/11

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.054+/-0.038 χ^2/NDF : 2.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.066+/-0.036 χ^2/NDF : 1.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

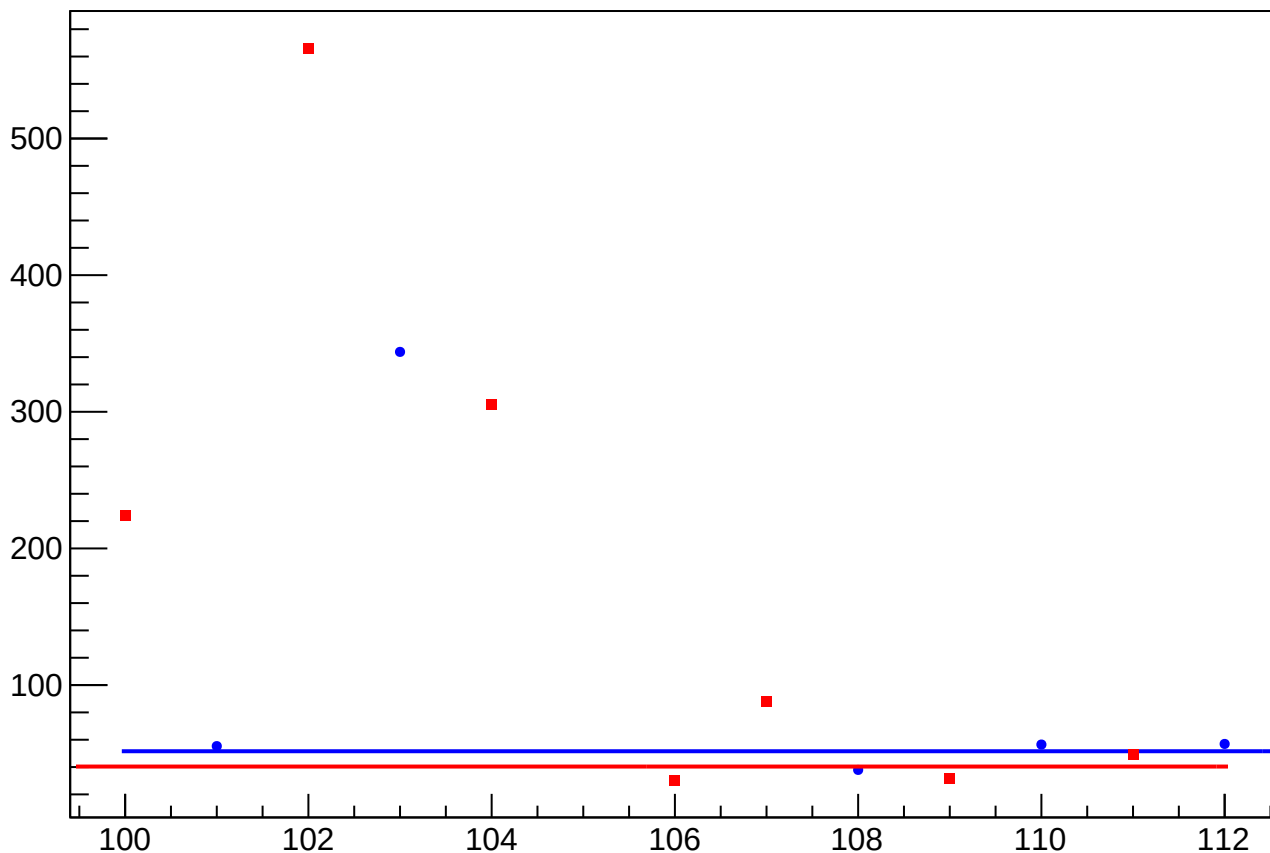
Right: 0.060+/-0.026 χ^2/NDF : 3.9/11

In: 0.054+/-0.038 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.060+/-0.026 χ^2/NDF : 3.9/11

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 51.584+/-0.027 χ^2/NDF : 956309.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.375+/-0.025 χ^2/NDF : 1958045.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

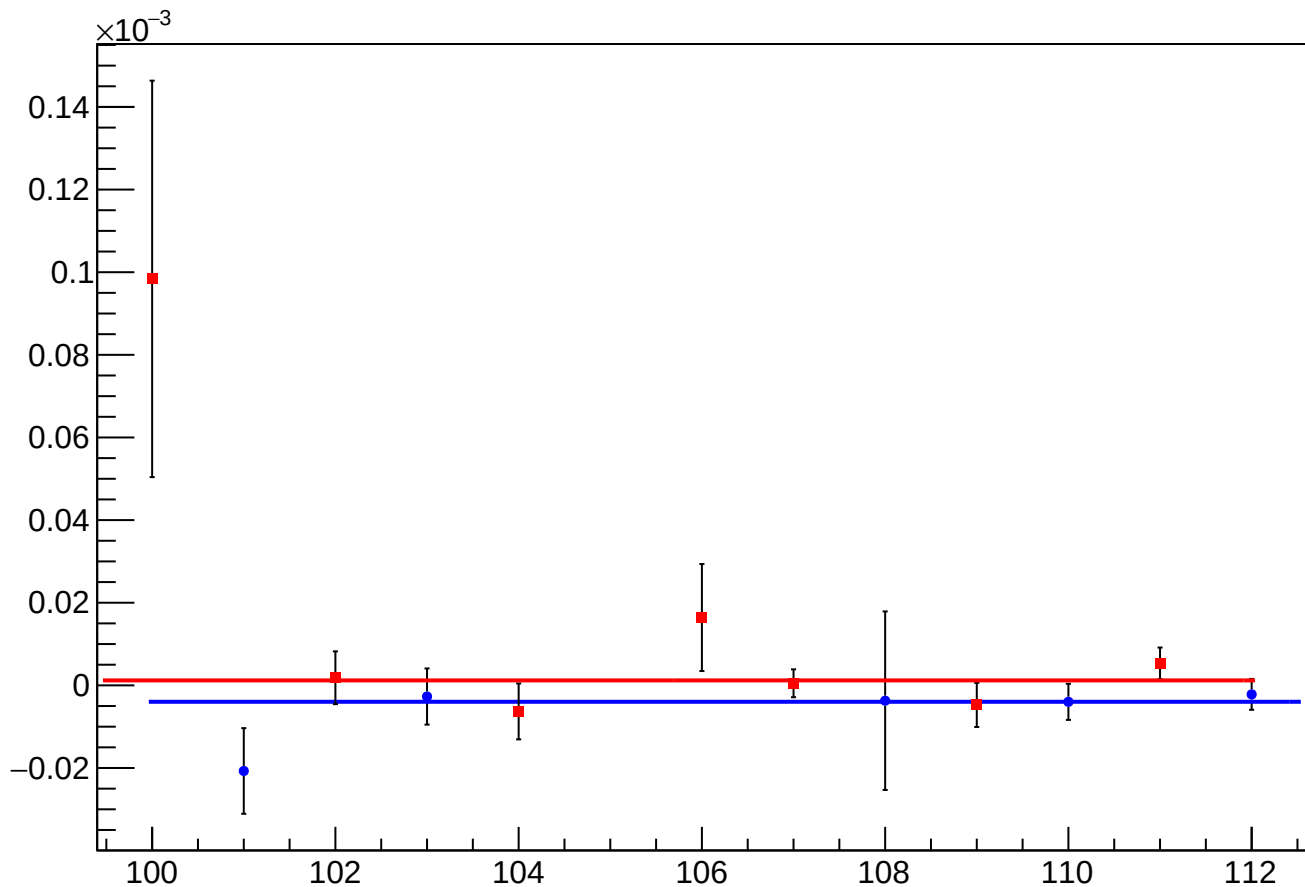
Right: 45.583+/-0.018 χ^2/NDF : 3005756.8/11

In: 51.584+/-0.027 χ^2/NDF : 956309.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.583+/-0.018 χ^2/NDF : 3005756.8/11

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: 2.9/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 9.2/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

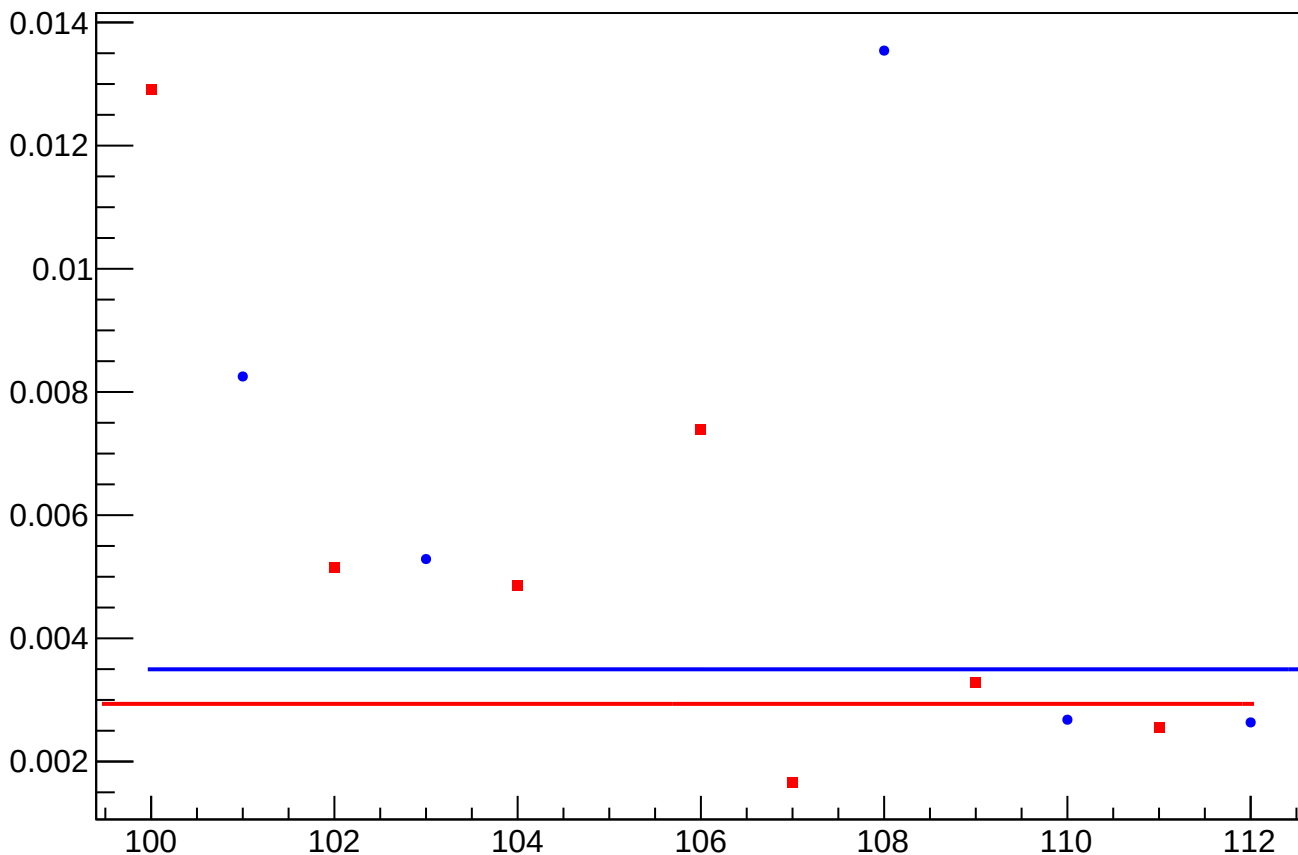
Right: -0.000+/-0.000 χ^2 /NDF: 14.6/11

In: -0.000+/-0.000 χ^2 /NDF:2.9/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 14.6/11

asym_atl_dd_atr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1168136.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1039212.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

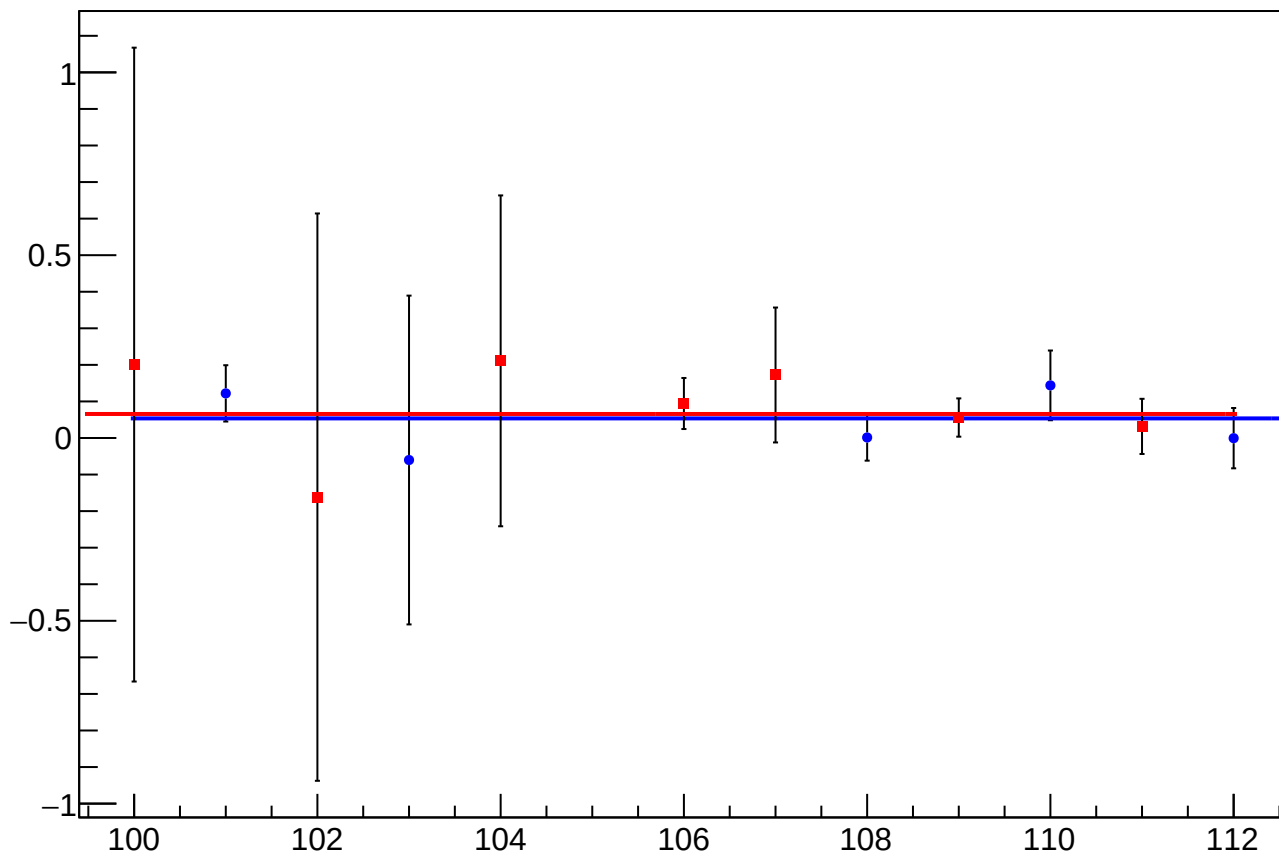
Right: 0.003+/-0.000 χ^2/NDF : 2267512.6/11

In: 0.003+/-0.000 χ^2/NDF : 1168136.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2267512.6/11

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.054+/-0.038 χ^2/NDF : 2.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.066+/-0.036 χ^2/NDF : 1.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

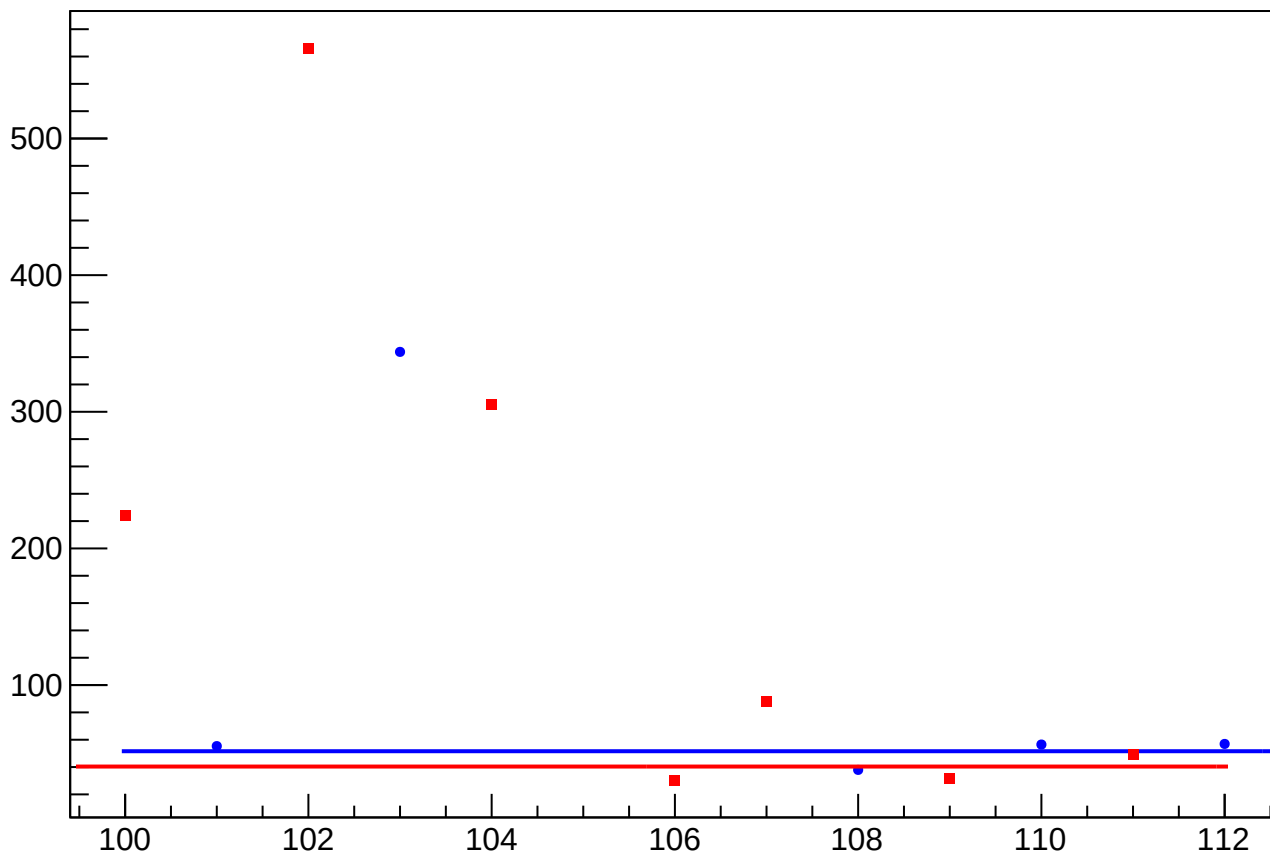
Right: 0.060+/-0.026 χ^2/NDF : 3.9/11

In: 0.054+/-0.038 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.060+/-0.026 χ^2/NDF : 3.9/11

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 51.589+/-0.027 χ^2/NDF : 956186.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.373+/-0.025 χ^2/NDF : 1958094.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

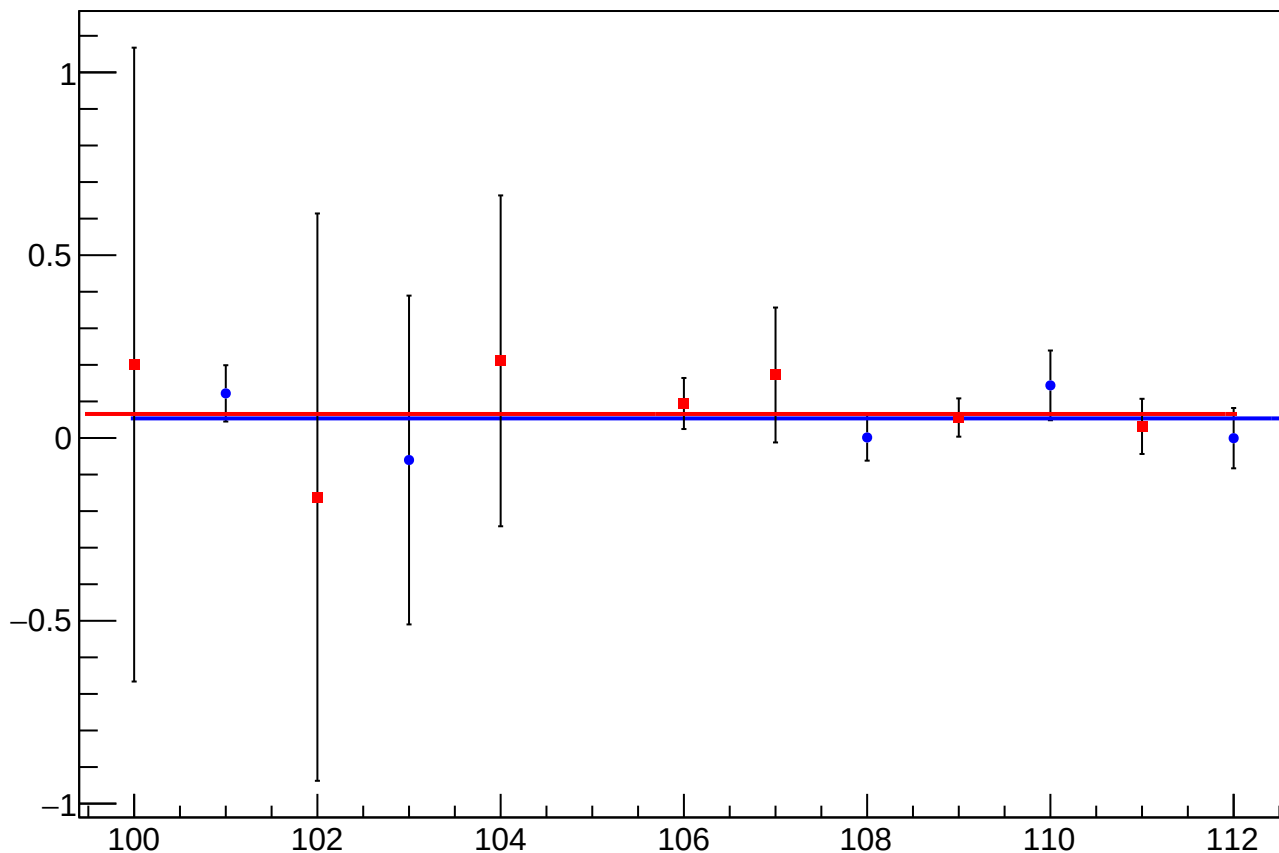
Right: 45.584+/-0.018 χ^2/NDF : 3005800.9/11

In: 51.589+/-0.027 χ^2/NDF : 956186.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.584+/-0.018 χ^2/NDF : 3005800.9/11

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.054+/-0.038 χ^2/NDF : 2.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.066+/-0.036 χ^2/NDF : 1.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

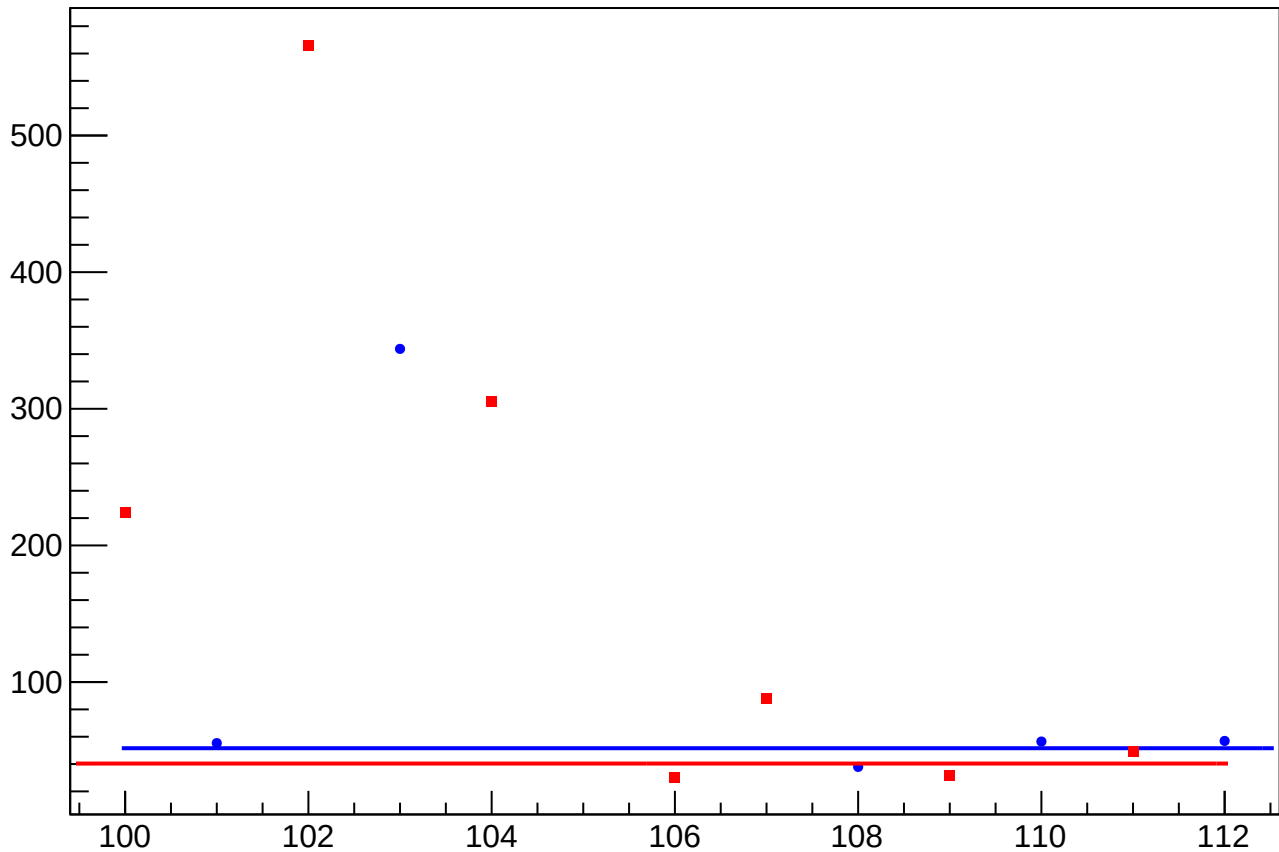
Right: 0.060+/-0.026 χ^2/NDF : 3.9/11

In: 0.054+/-0.038 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.060+/-0.026 χ^2/NDF : 3.9/11

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 51.589+/-0.027 χ^2/NDF : 956186.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.373+/-0.025 χ^2/NDF : 1958094.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

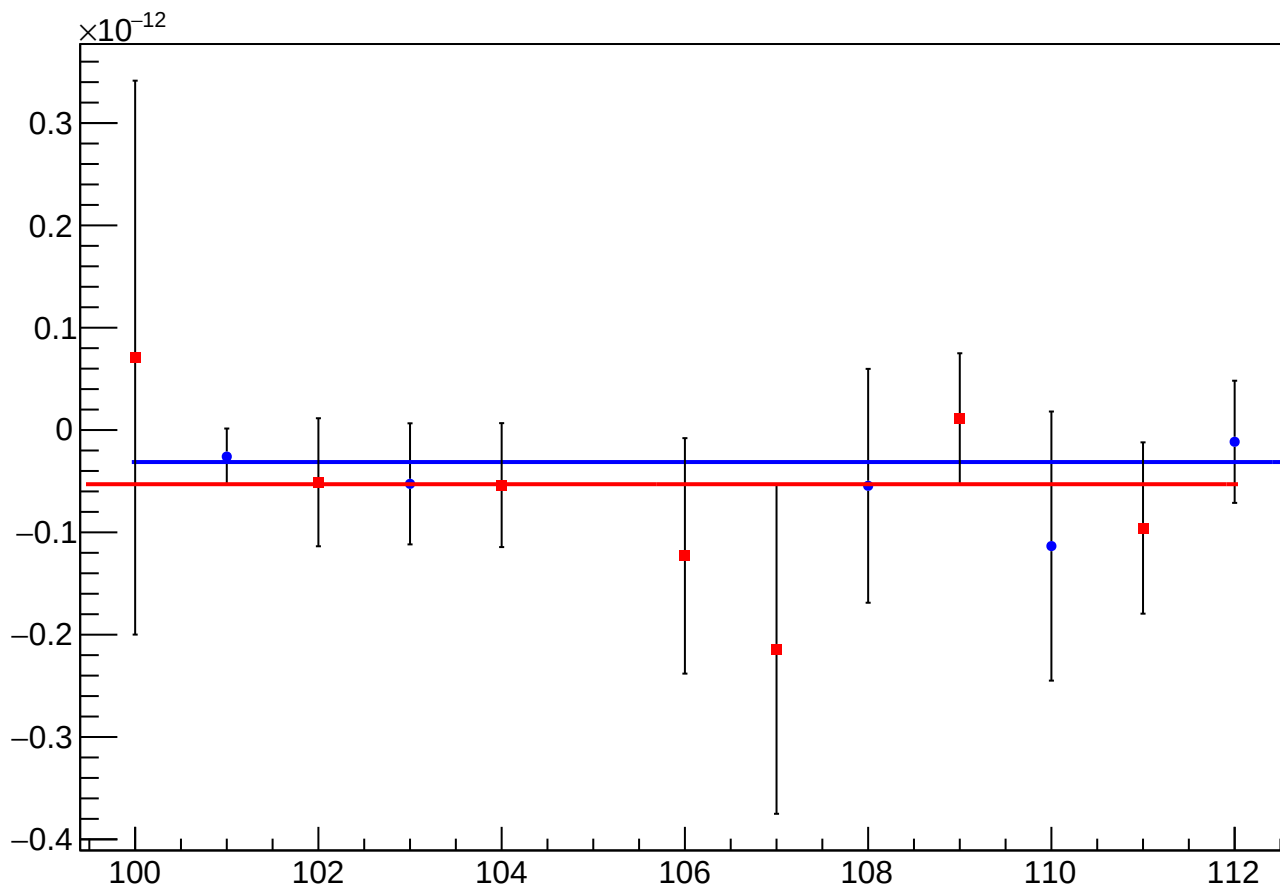
Right: 45.584+/-0.018 χ^2/NDF : 3005800.9/11

In: 51.589+/-0.027 χ^2/NDF : 956186.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.584+/-0.018 χ^2/NDF : 3005800.9/11

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 : 0.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

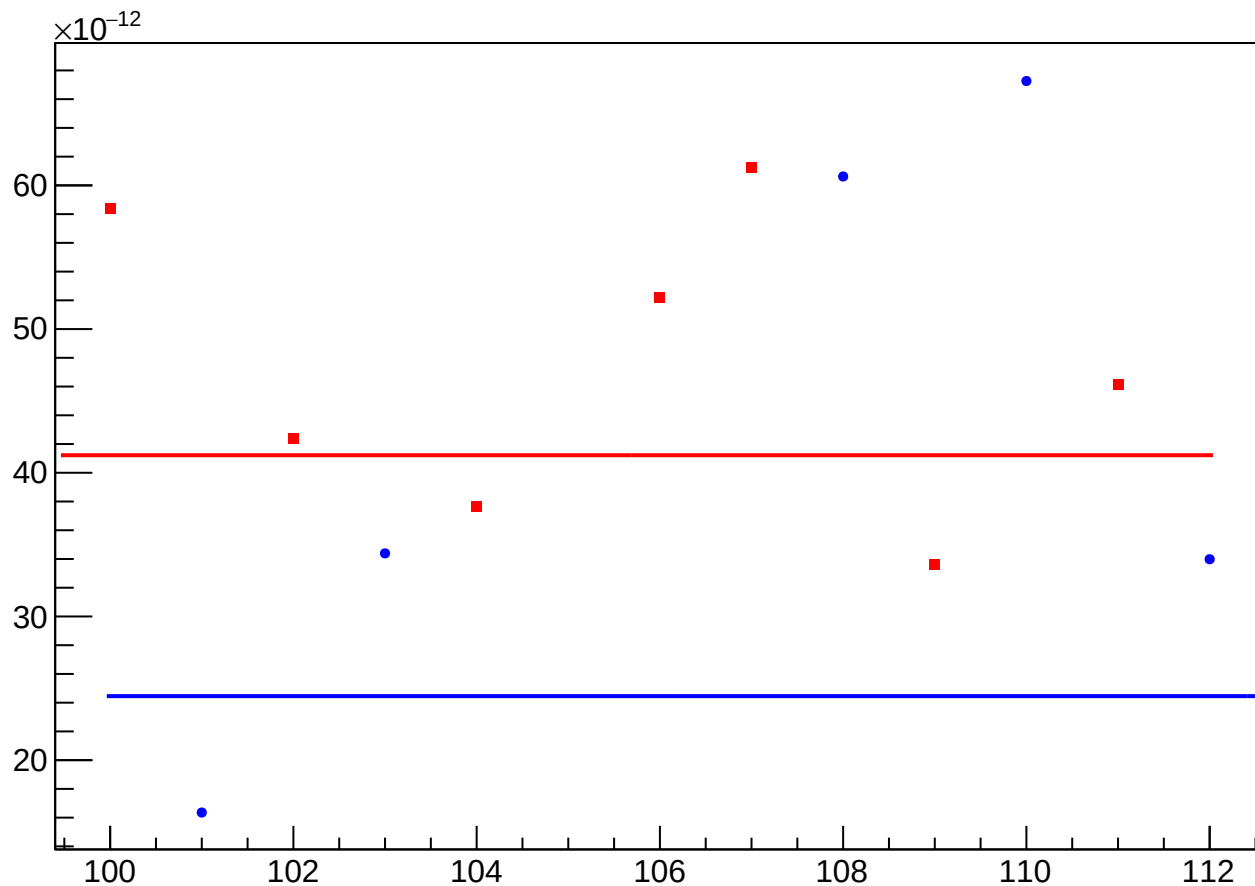
Right: -0.000+/-0.000 χ^2/NDF : 3.9/11

In: -0.000+/-0.000 χ^2/NDF : 0.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.9/11

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 : 693877.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 100145.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

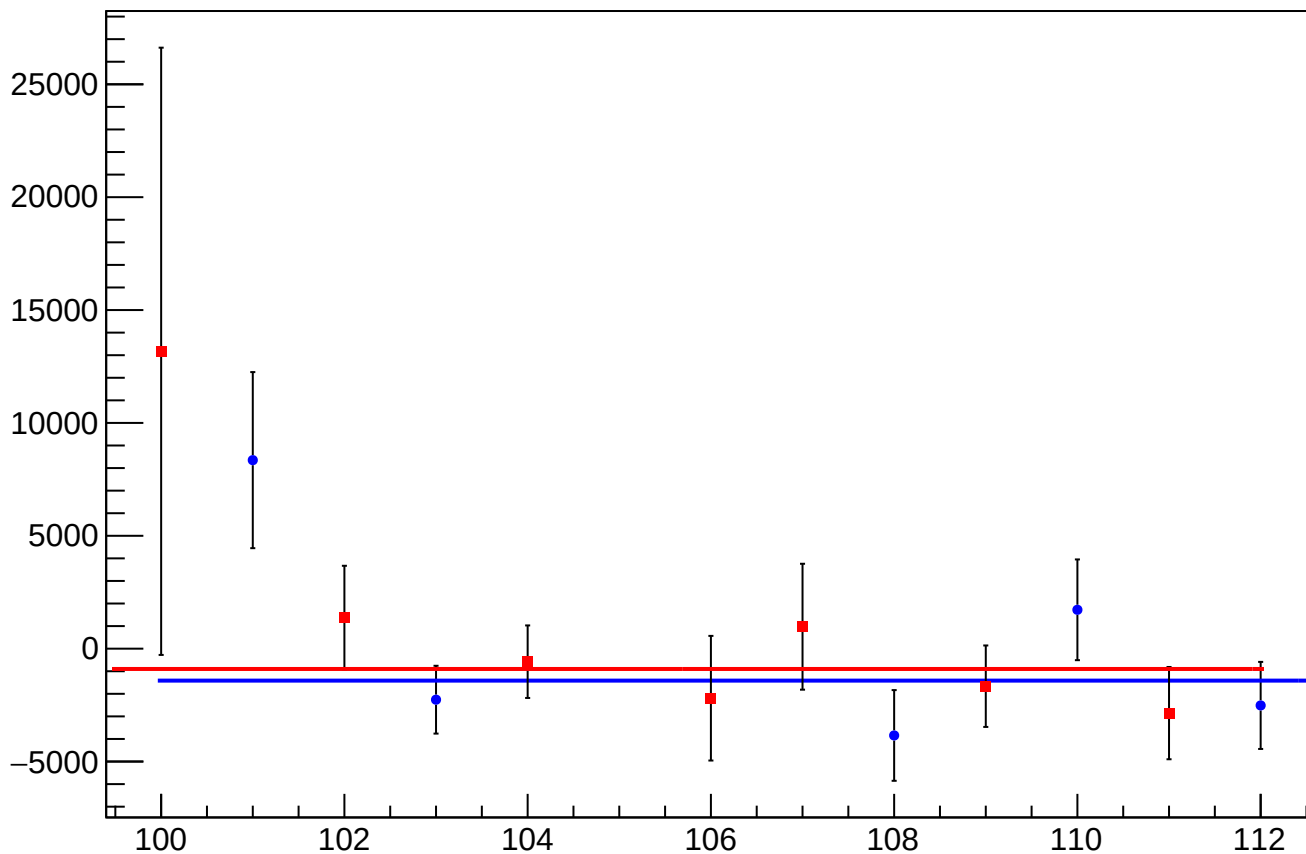
Right: 0.000+/-0.000 χ^2/NDF : 1181393.2/11

In: 0.000+/-0.000 χ^2/NDF : 693877.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1181393.2/11

reg_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -1415.283+/-902.919 χ^2/NDF : 10.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -899.470+/-848.705 χ^2/NDF : 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

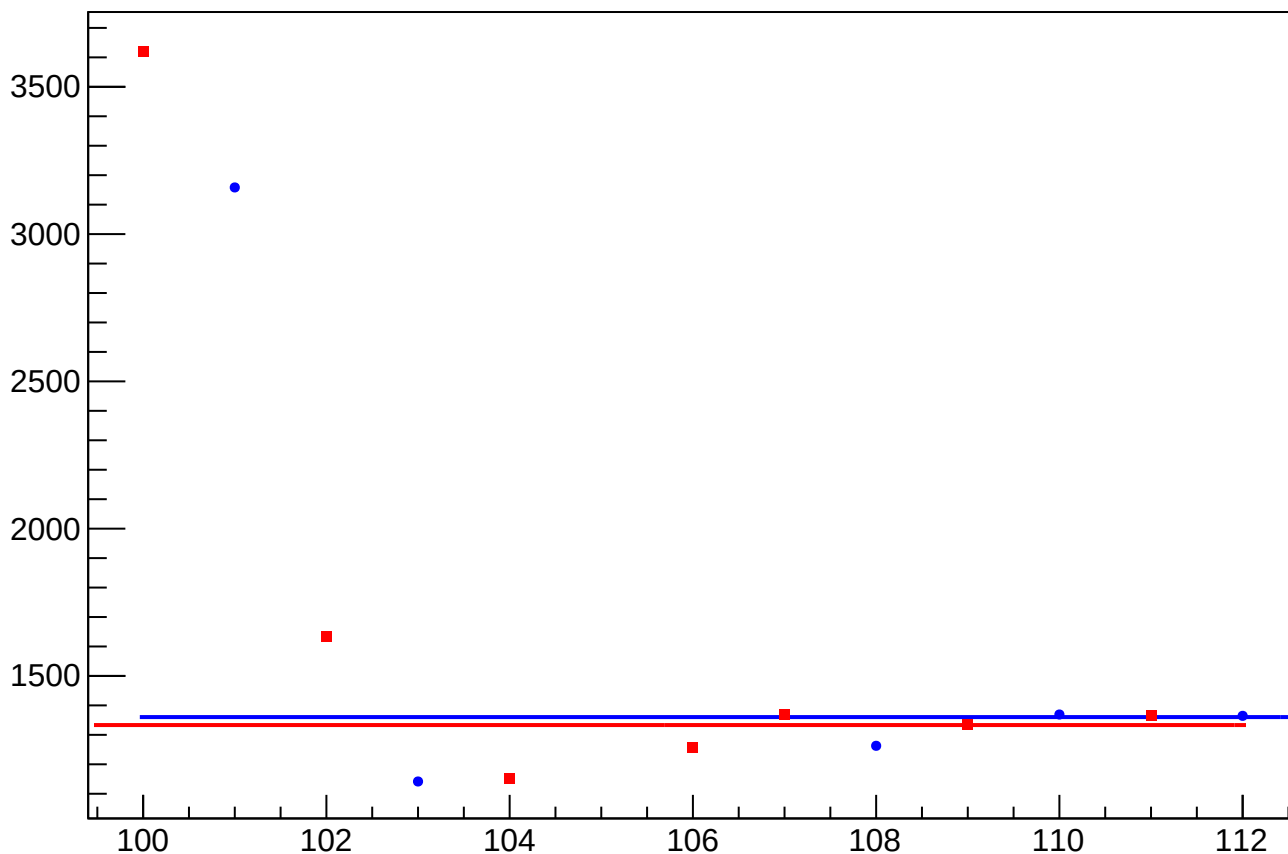
Right: -1141.427+/-618.403 χ^2/NDF : 14.4/11

In: -1415.283+/-902.919 χ^2/NDF : 10.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1141.427+/-618.403 χ^2/NDF : 14.4/11

reg_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1360.317+/-0.638 χ^2/NDF : 472253.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1333.236+/-0.595 χ^2/NDF : 120446.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

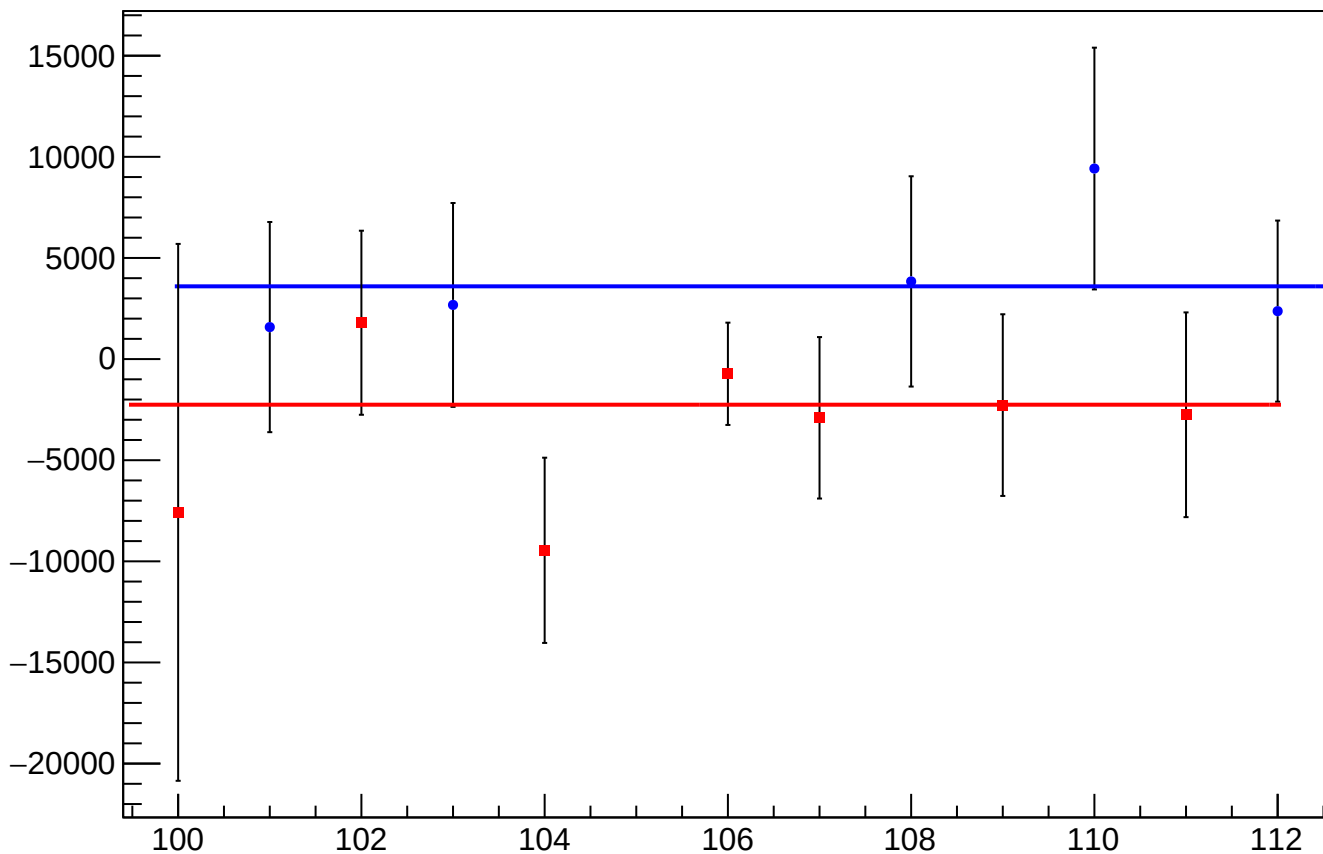
Right: 1345.833+/-0.435 χ^2/NDF : 593662.4/11

In: 1360.317+/-0.638 χ^2/NDF : 472253.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1345.833+/-0.435 χ^2/NDF : 593662.4/11

asym_at1_avg_at2_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 3597.067+/-2286.429 χ^2/NDF : 1.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2255.579+/-1562.877 χ^2/NDF : 3.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

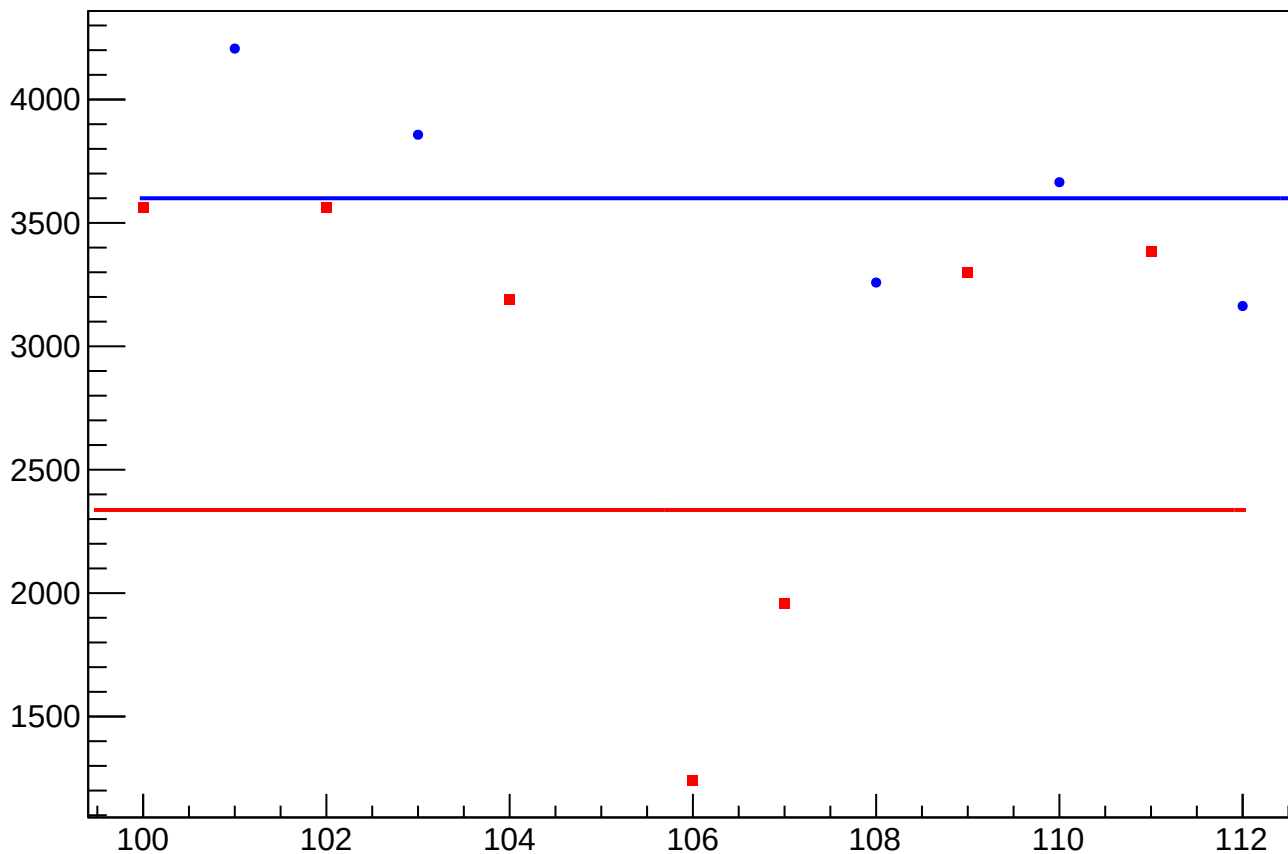
Right: -391.831+/-1290.254 χ^2/NDF : 9.5/11

In: 3597.067+/-2286.429 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -391.831+/-1290.254 χ^2/NDF : 9.5/11

asym_at1_avg_at2_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3599.934+/-1.617 χ^2/NDF : 60351.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2336.953+/-1.105 χ^2/NDF : 801807.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

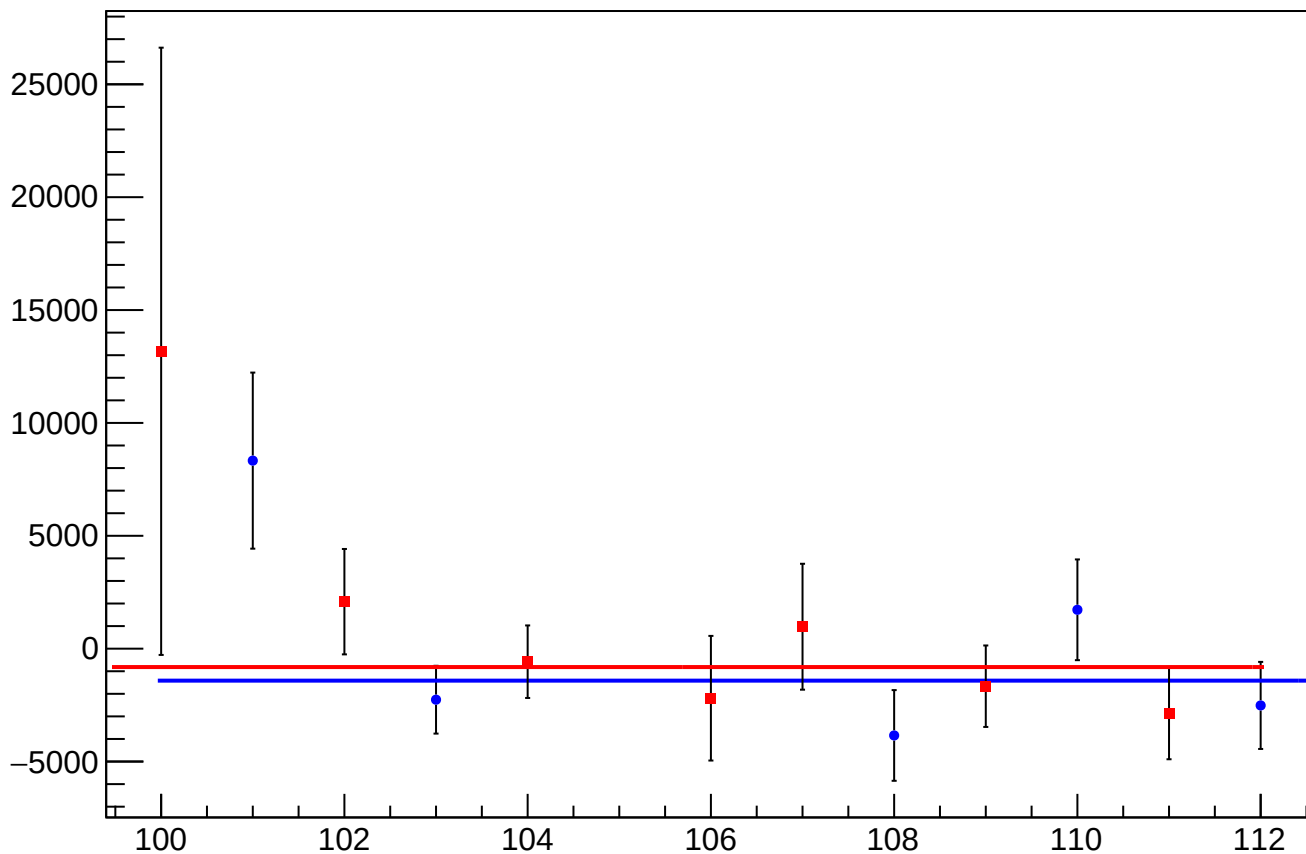
Right: 2739.143+/-0.912 χ^2/NDF : 1278078.0/11

In: 3599.934+/-1.617 χ^2/NDF : 60351.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2739.143+/-0.912 χ^2/NDF : 1278078.0/11

cor_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -1416.367 $\pm$ 902.919 χ^2 /NDF: 10.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -814.525 $\pm$ 850.414 χ^2 /NDF: 4.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

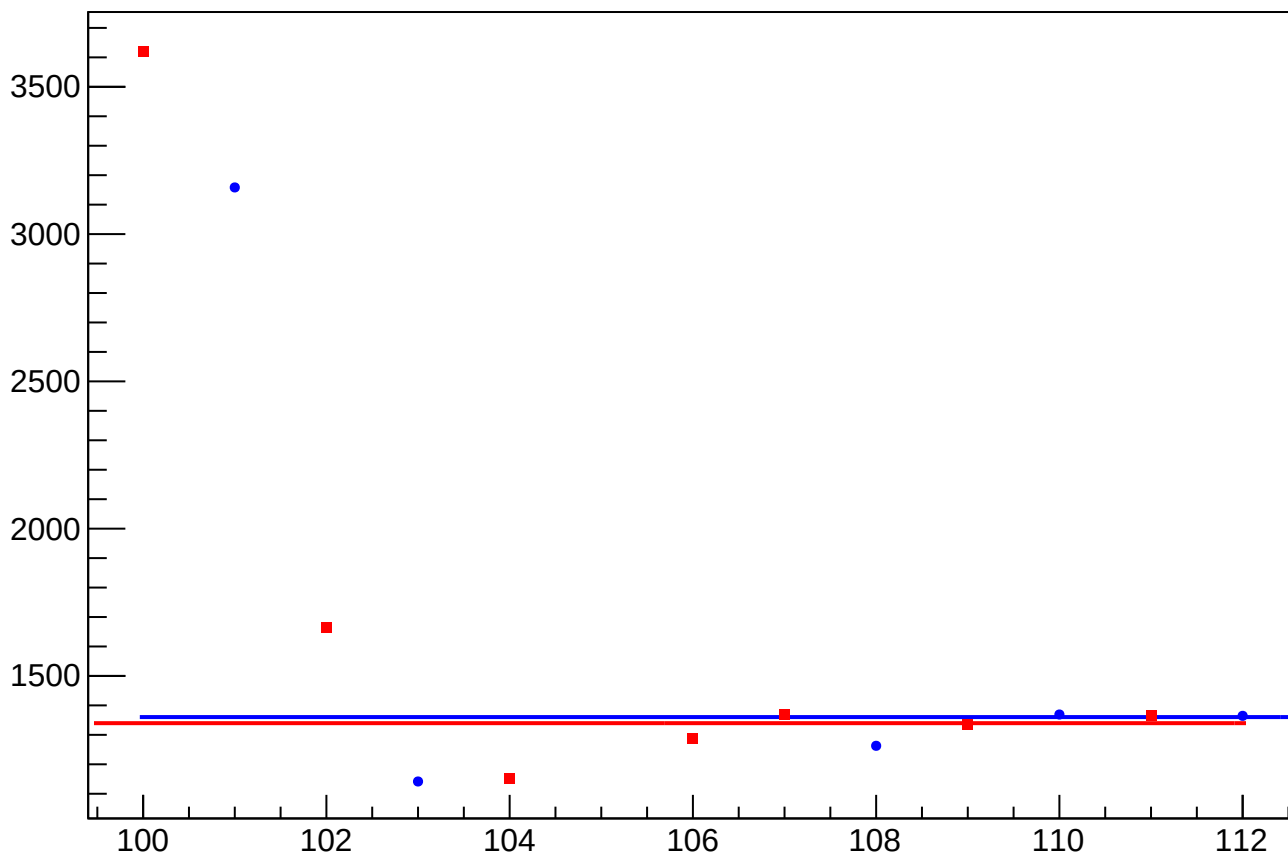
Right: -1097.440 $\pm$ 619.063 χ^2 /NDF: 15.1/11

In: -1416.367 $\pm$ 902.919 χ^2 /NDF:10.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1097.440 $\pm$ 619.063 χ^2 /NDF: 15.1/11

cor_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1360.316+/-0.638 χ^2/NDF : 472255.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1339.647+/-0.598 χ^2/NDF : 125687.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

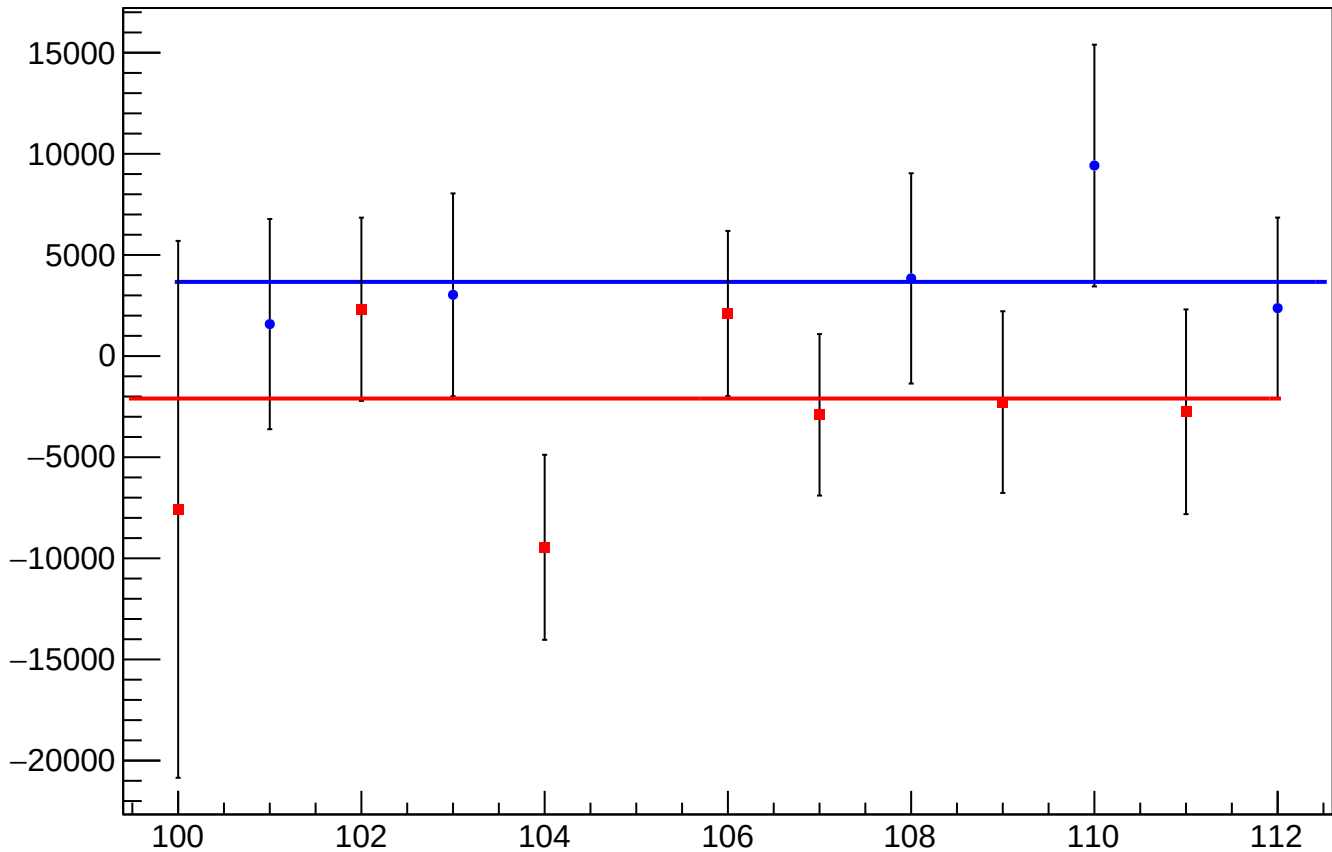
Right: 1349.305+/-0.436 χ^2/NDF : 598501.4/11

In: 1360.316+/-0.638 χ^2/NDF : 472255.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1349.305+/-0.436 χ^2/NDF : 598501.4/11

asym_at1_avg_at2_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 3668.066+/-2284.100 χ^2/NDF : 1.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2098.609+/-1785.732 χ^2/NDF : 4.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

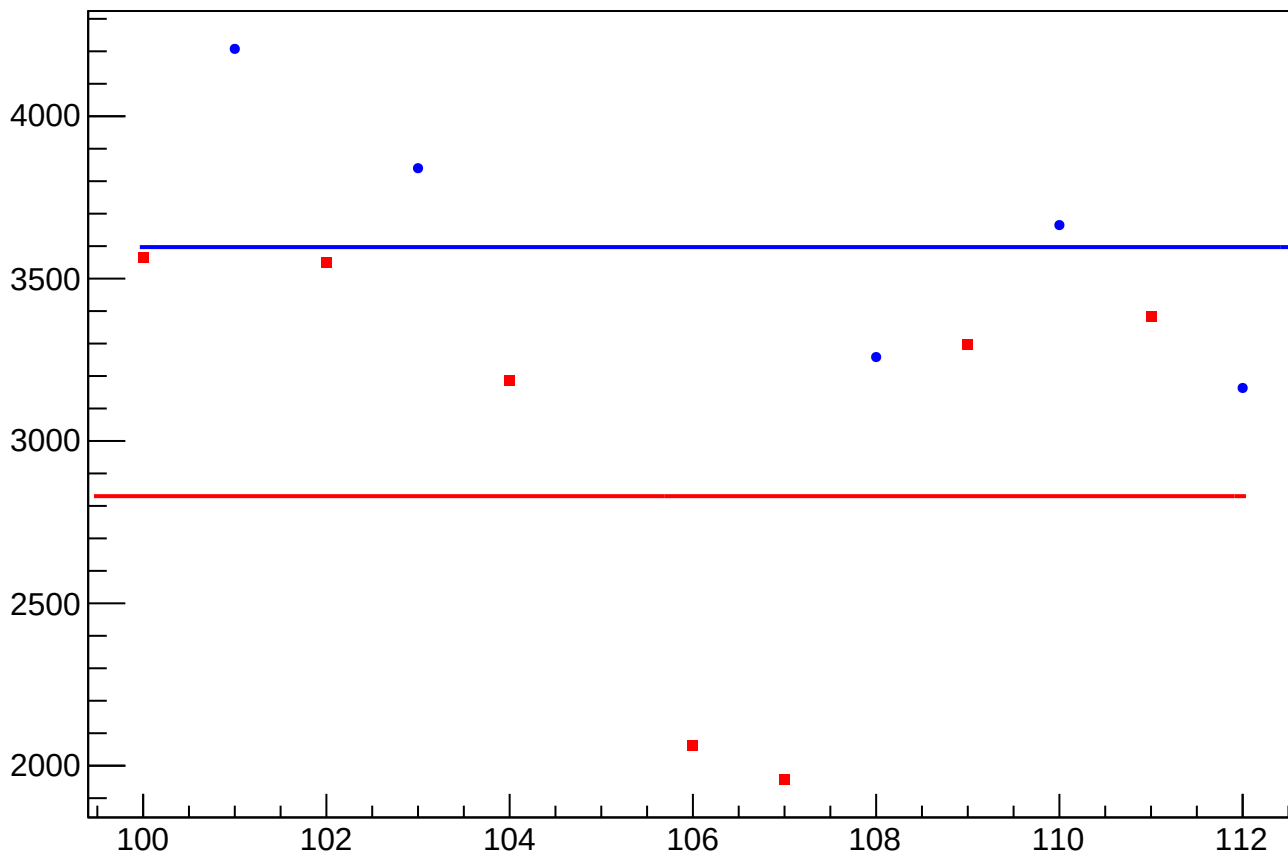
Right: 89.008+/-1406.818 χ^2/NDF : 10.0/11

In: 3668.066+/-2284.100 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.008+/-1406.818 χ^2/NDF : 10.0/11

asym_at1_avg_at2_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3597.041+/-1.615 χ^2/NDF : 59803.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2830.030+/-1.263 χ^2/NDF : 281063.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

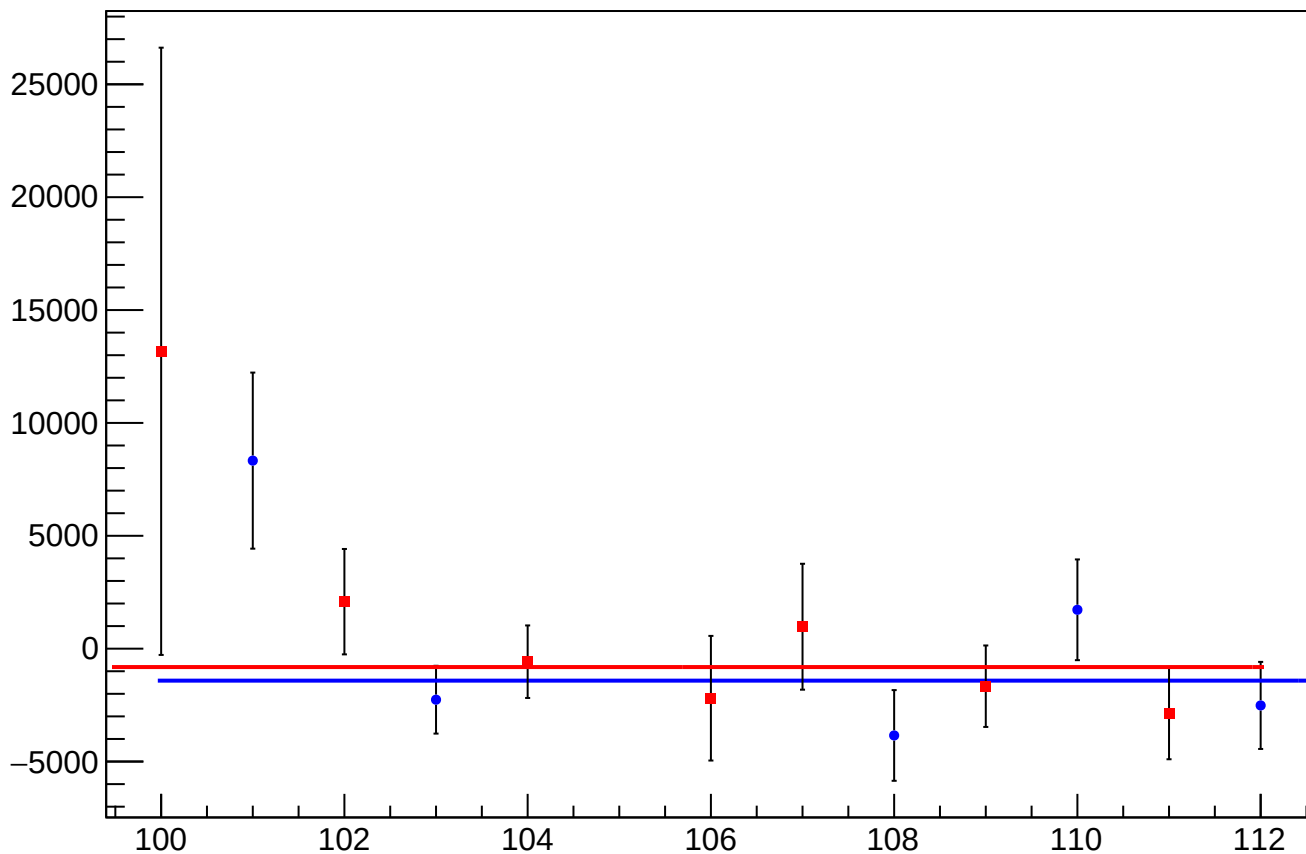
Right: 3121.000+/-0.995 χ^2/NDF : 480840.2/11

In: 3597.041+/-1.615 χ^2/NDF : 59803.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3121.000+/-0.995 χ^2/NDF : 480840.2/11

eigen_cor_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -1416.367+/-902.919 χ^2/NDF : 10.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -814.525+/-850.414 χ^2/NDF : 4.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

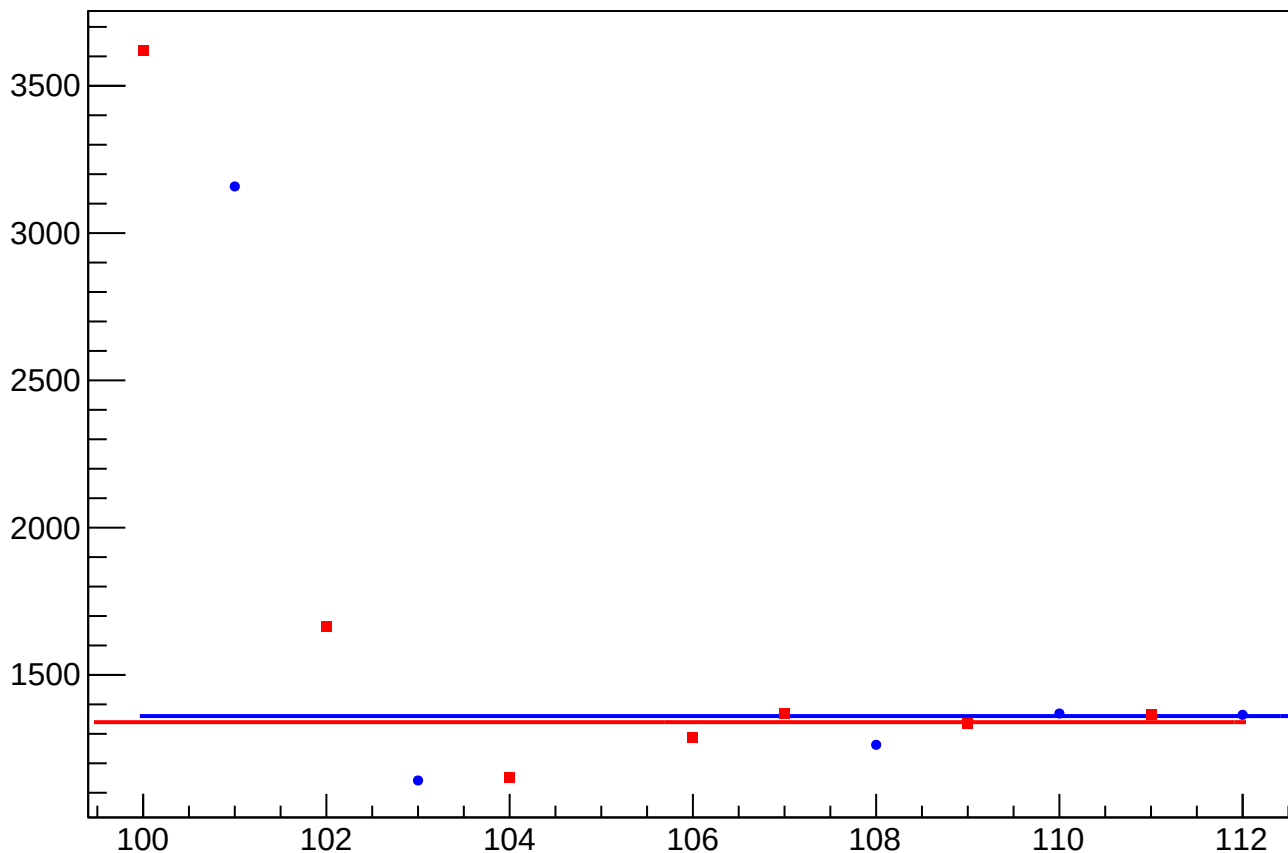
Right: -1097.440+/-619.063 χ^2/NDF : 15.1/11

In: -1416.367+/-902.919 χ^2/NDF : 10.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1097.440+/-619.063 χ^2/NDF : 15.1/11

eigen_cor_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1360.316+/-0.638 χ^2/NDF : 472255.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1339.647+/-0.598 χ^2/NDF : 125687.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

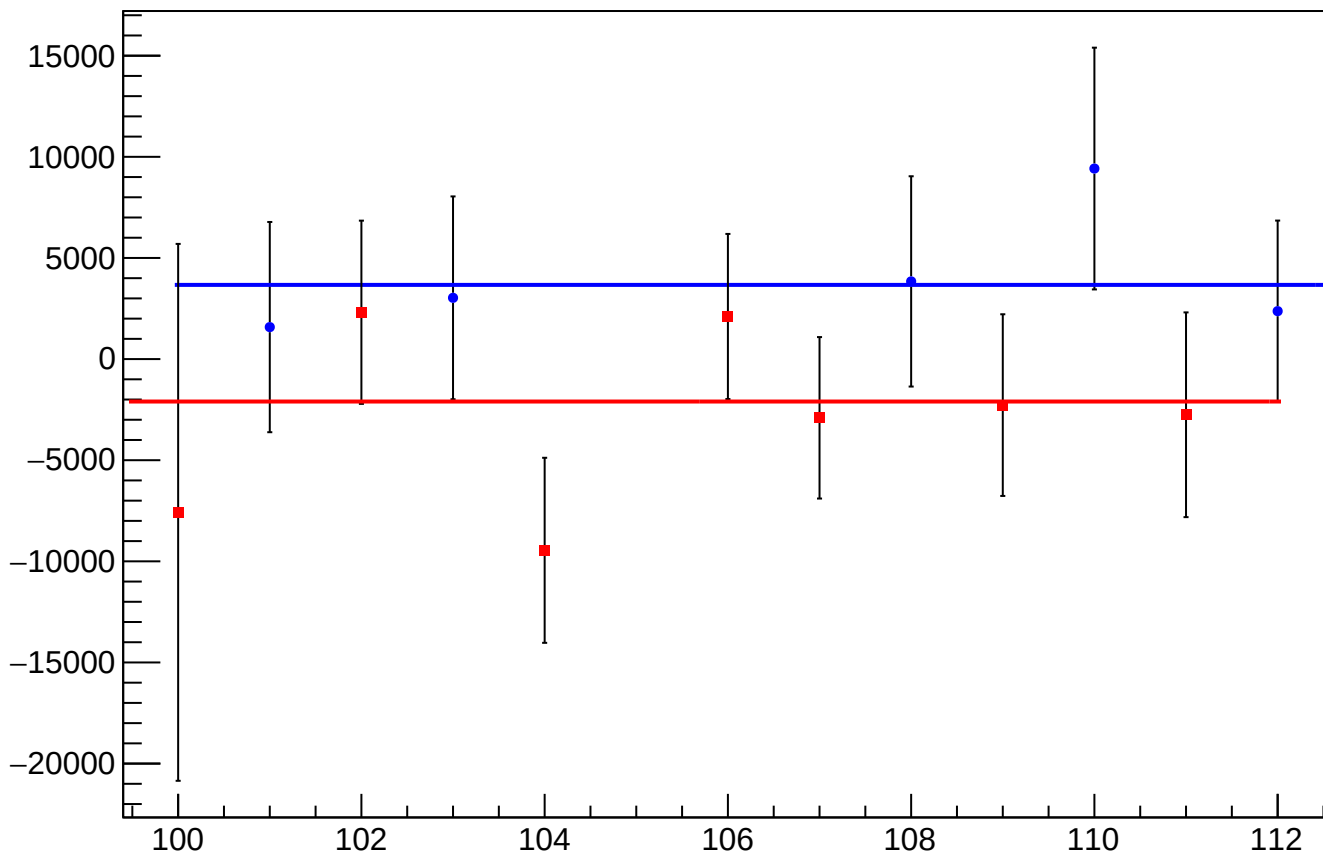
Right: 1349.305+/-0.436 χ^2/NDF : 598501.4/11

In: 1360.316+/-0.638 χ^2/NDF : 472255.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1349.305+/-0.436 χ^2/NDF : 598501.4/11

asym_at1_avg_at2_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 3668.066+/-2284.100 χ^2/NDF : 1.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2098.609+/-1785.732 χ^2/NDF : 4.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

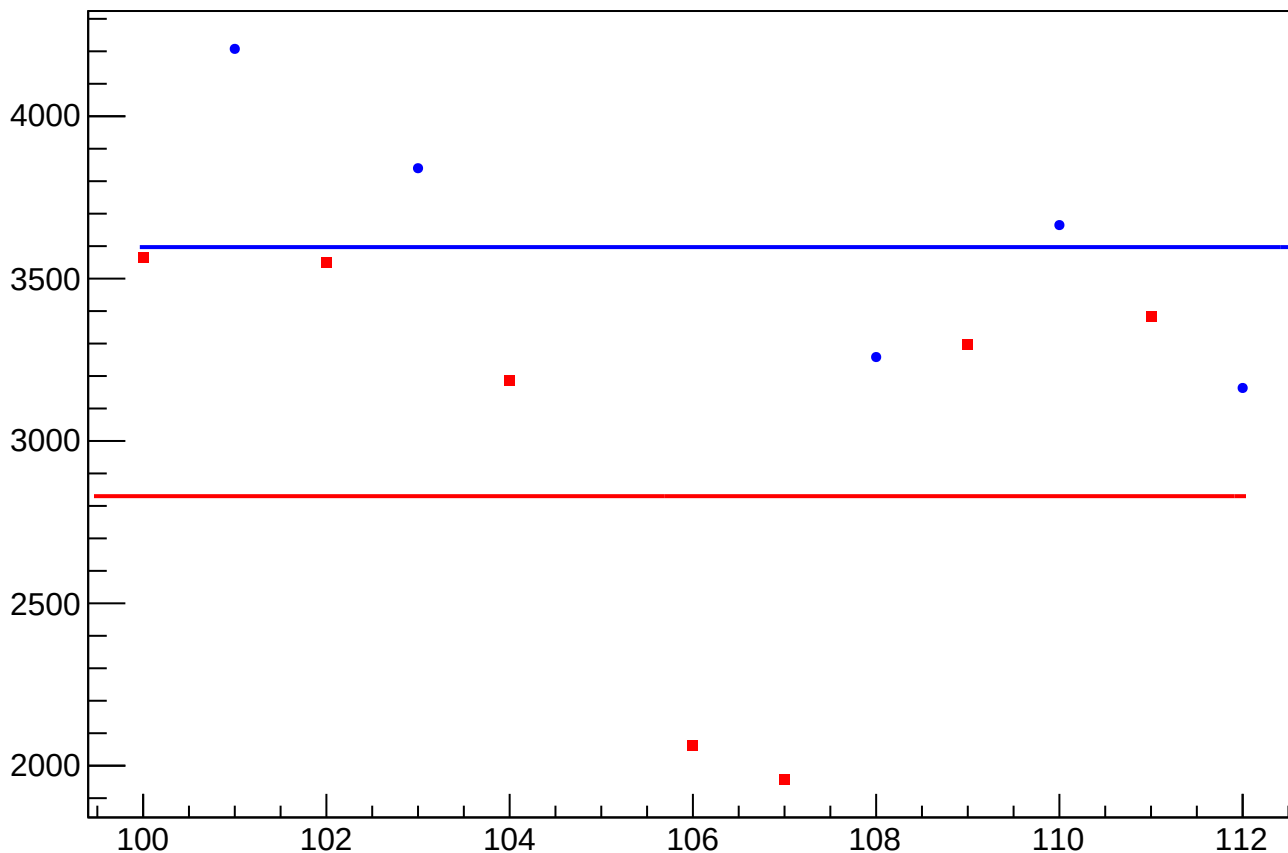
Right: 89.008+/-1406.818 χ^2/NDF : 10.0/11

In: 3668.066+/-2284.100 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.008+/-1406.818 χ^2/NDF : 10.0/11

asym_at1_avg_at2_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3597.041+/-1.615 χ^2/NDF : 59803.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2830.030+/-1.263 χ^2/NDF : 281063.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

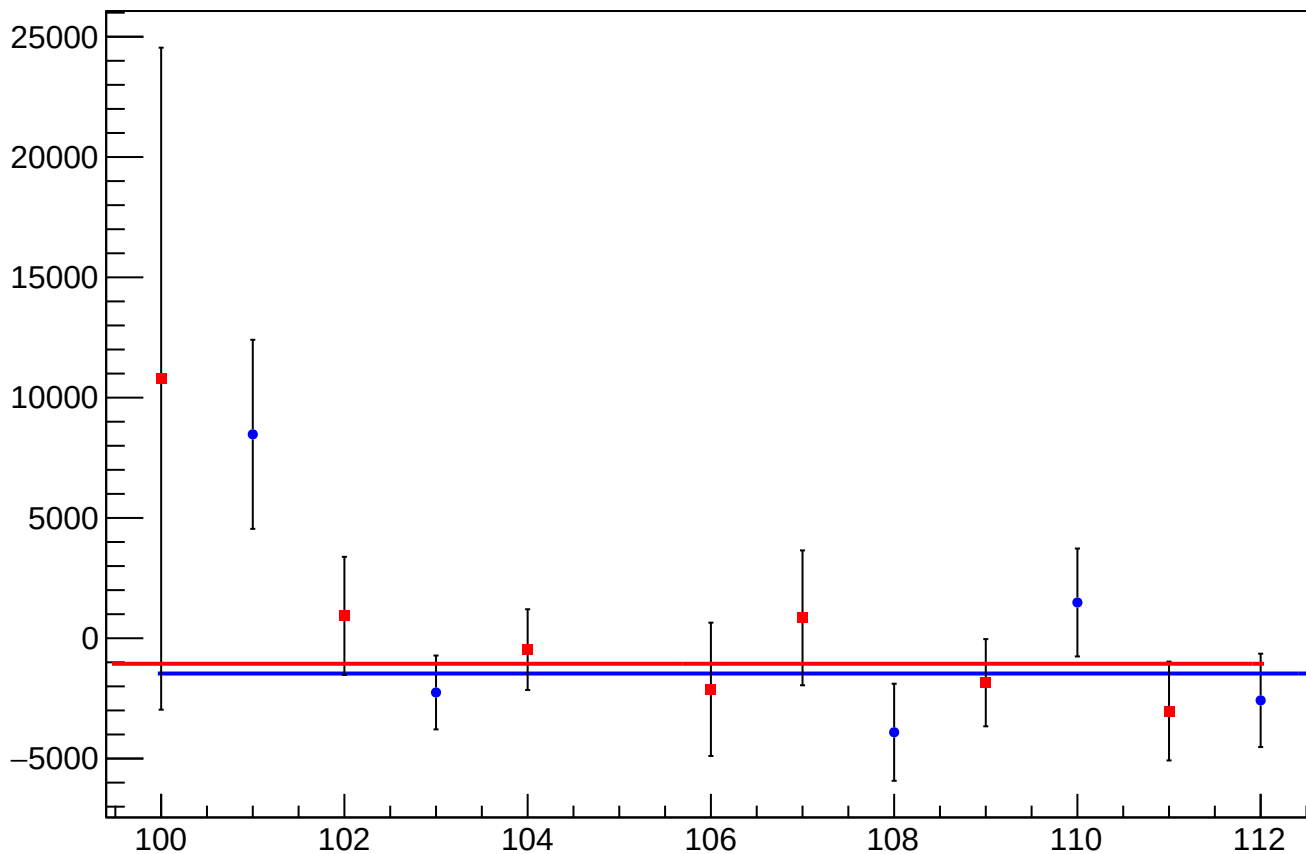
Right: 3121.000+/-0.995 χ^2/NDF : 480840.2/11

In: 3597.041+/-1.615 χ^2/NDF : 59803.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3121.000+/-0.995 χ^2/NDF : 480840.2/11

dit_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -1466.101+/-912.879 χ^2/NDF : 10.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1059.957+/-868.507 χ^2/NDF : 3.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

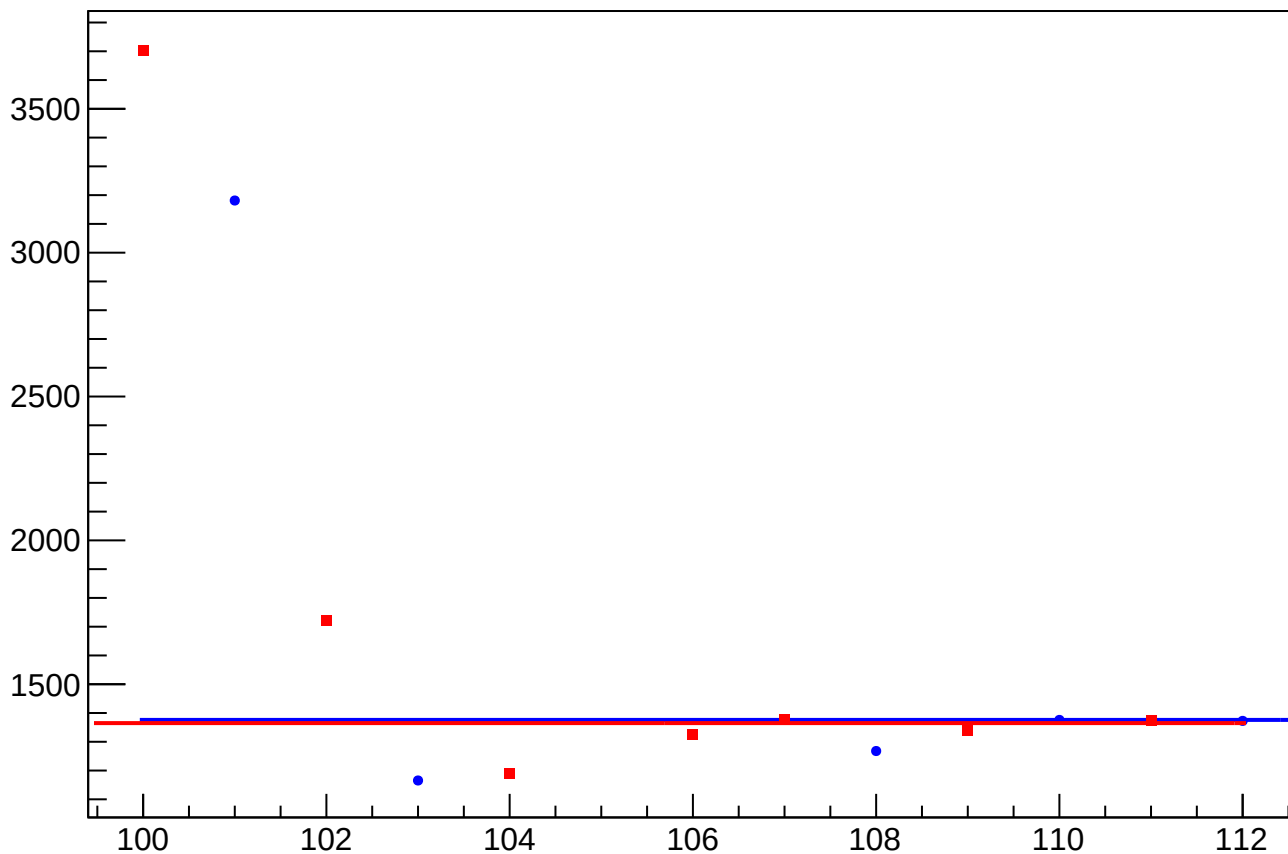
Right: -1252.919+/-629.229 χ^2/NDF : 13.5/11

In: -1466.101+/-912.879 χ^2/NDF : 10.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1252.919+/-629.229 χ^2/NDF : 13.5/11

dit_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1375.999+/-0.646 χ^2/NDF : 465624.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1364.880+/-0.613 χ^2/NDF : 122467.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

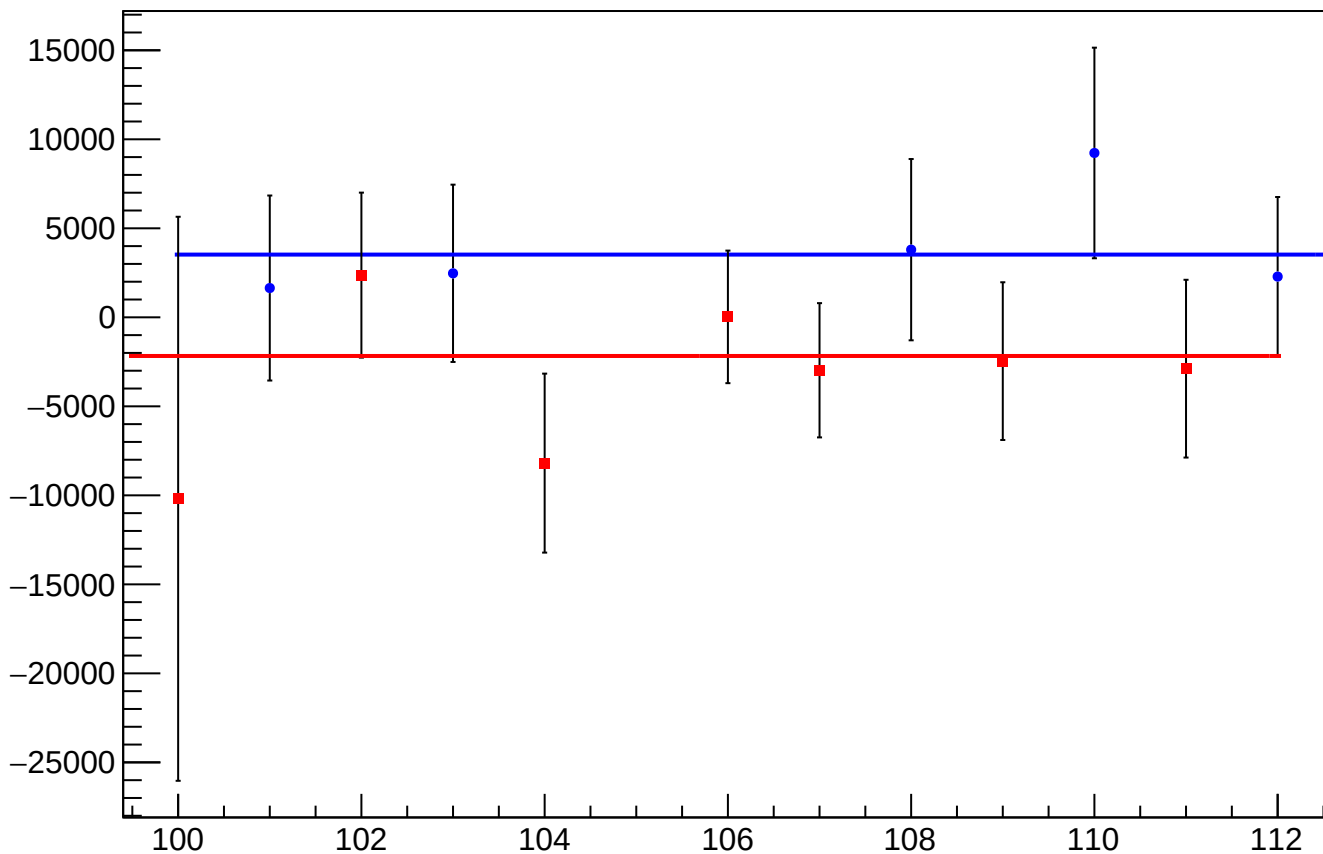
Right: 1370.150+/-0.444 χ^2/NDF : 588248.2/11

In: 1375.999+/-0.646 χ^2/NDF : 465624.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1370.150+/-0.444 χ^2/NDF : 588248.2/11

asym_at1_avg_at2_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 3523.630+/-2267.241 χ^2/NDF : 1.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2171.457+/-1757.715 χ^2/NDF : 3.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

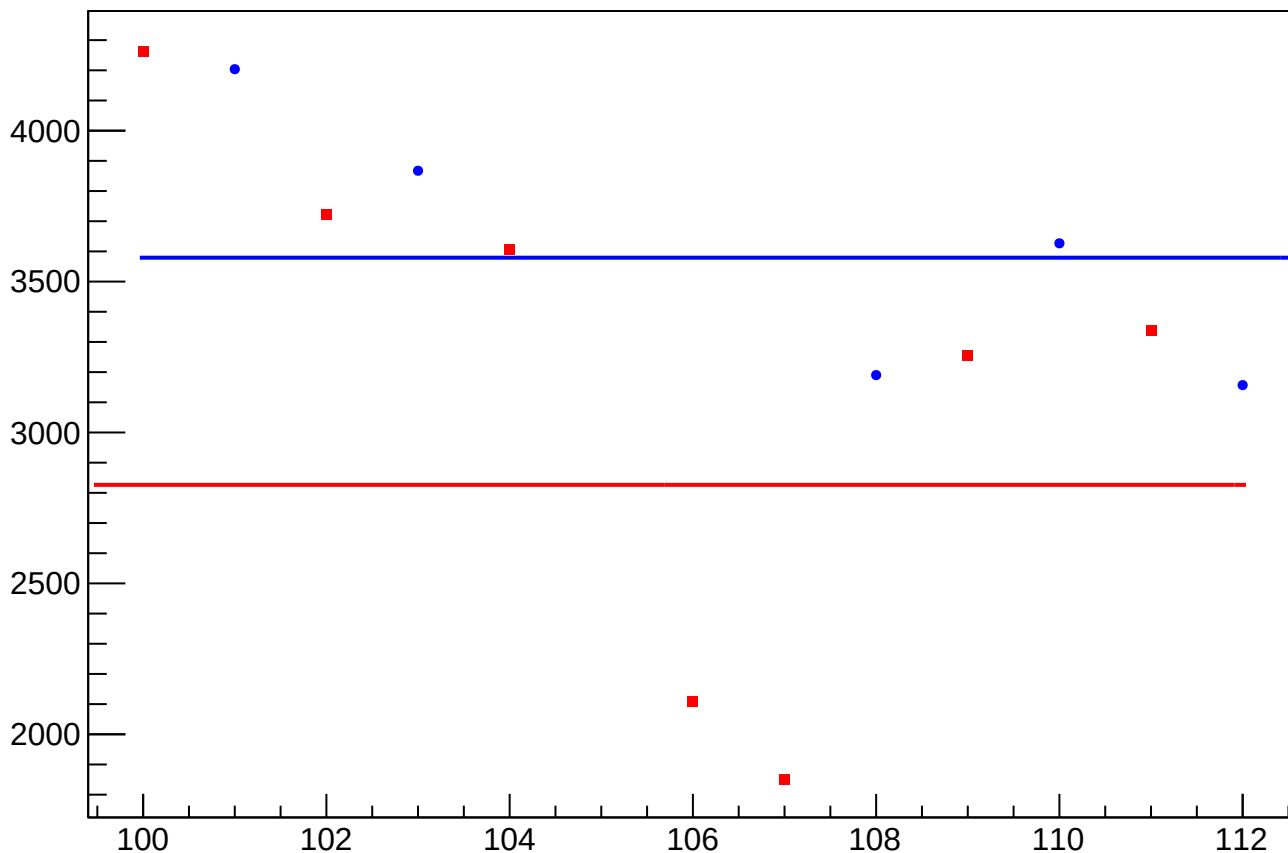
Right: -33.493+/-1389.146 χ^2/NDF : 8.2/11

In: 3523.630+/-2267.241 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.493+/-1389.146 χ^2/NDF : 8.2/11

asym_at1_avg_at2_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3579.136+/-1.603 χ^2/NDF : 65221.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2826.434+/-1.243 χ^2/NDF : 388011.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

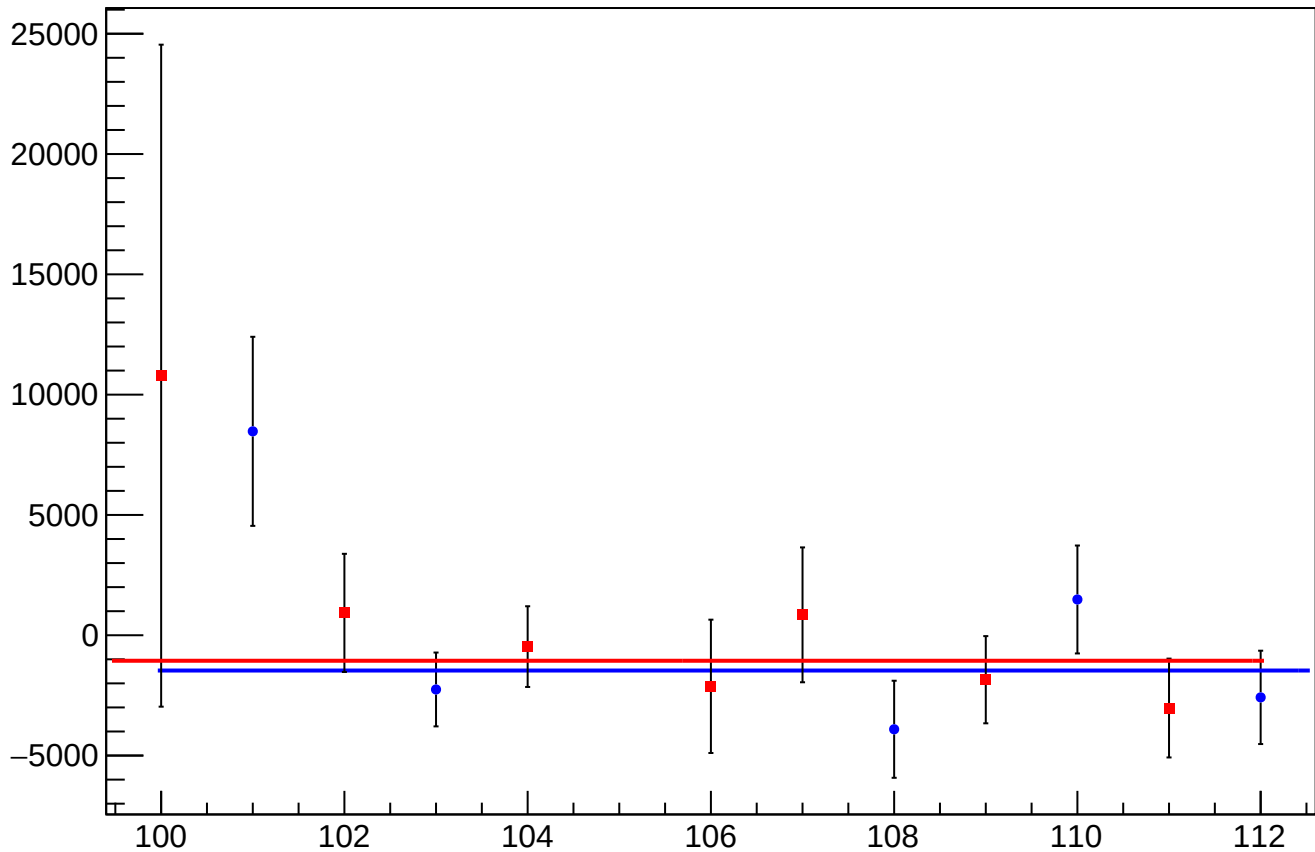
Right: 3109.002+/-0.982 χ^2/NDF : 590915.3/11

In: 3579.136+/-1.603 χ^2/NDF : 65221.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3109.002+/-0.982 χ^2/NDF : 590915.3/11

eigen_dit_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -1466.108+/-912.879 χ^2/NDF : 10.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1059.963+/-868.507 χ^2/NDF : 3.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

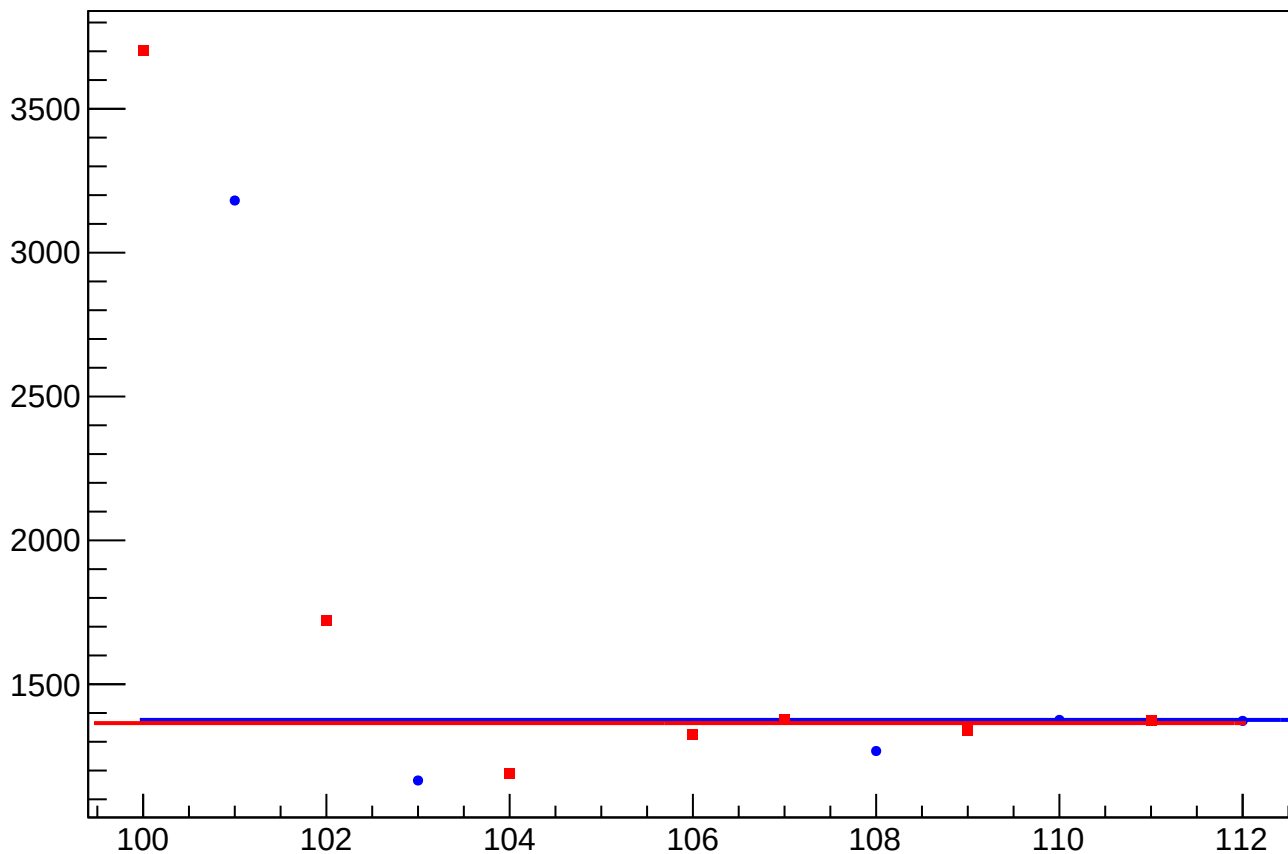
Right: -1252.925+/-629.229 χ^2/NDF : 13.5/11

In: -1466.108+/-912.879 χ^2/NDF : 10.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1252.925+/-629.229 χ^2/NDF : 13.5/11

eigen_dit_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1375.999+/-0.646 χ^2/NDF : 465624.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1364.881+/-0.613 χ^2/NDF : 122467.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

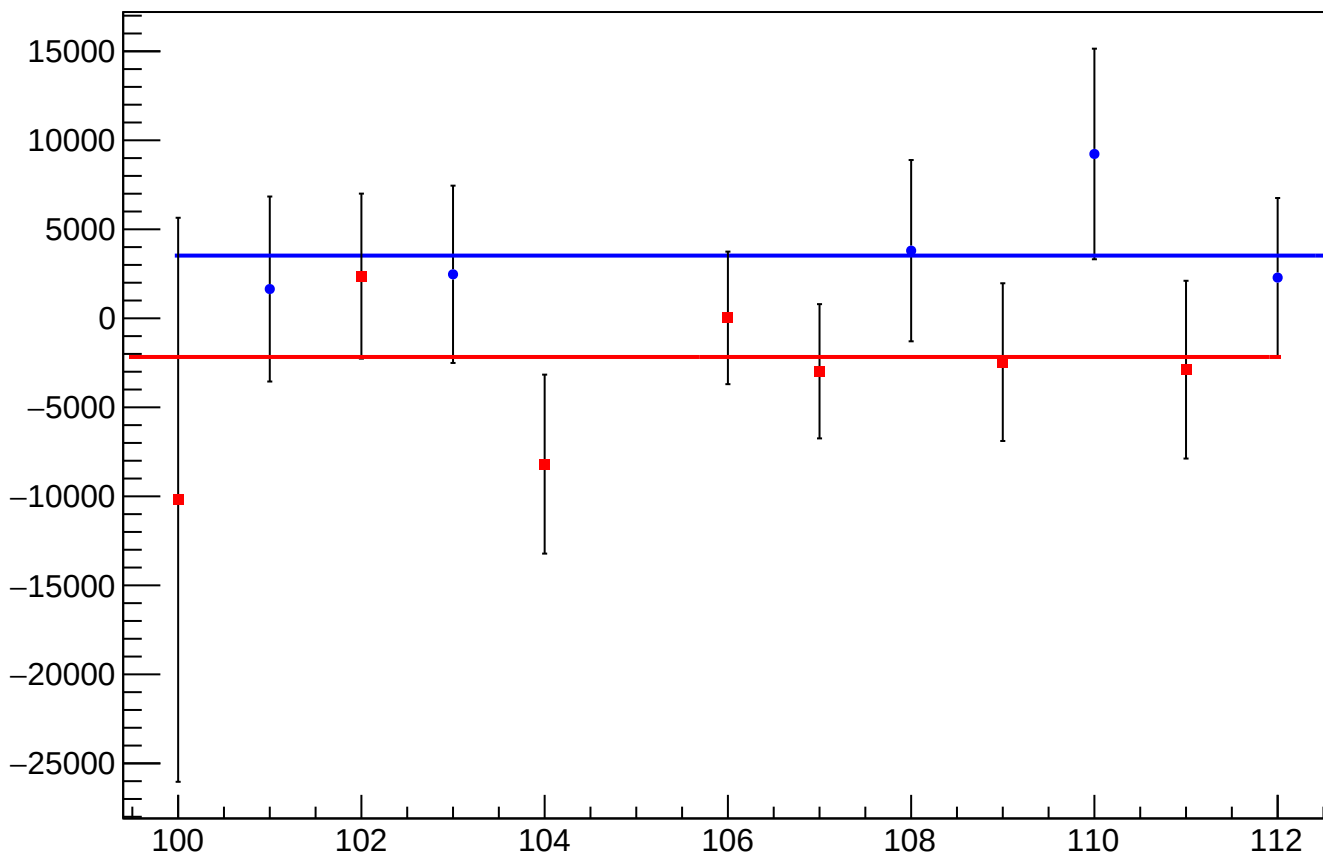
Right: 1370.150+/-0.444 χ^2/NDF : 588248.3/11

In: 1375.999+/-0.646 χ^2/NDF : 465624.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1370.150+/-0.444 χ^2/NDF : 588248.3/11

asym_at1_avg_at2_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 3523.628+/-2267.238 χ^2/NDF : 1.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2171.462+/-1757.712 χ^2/NDF : 3.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

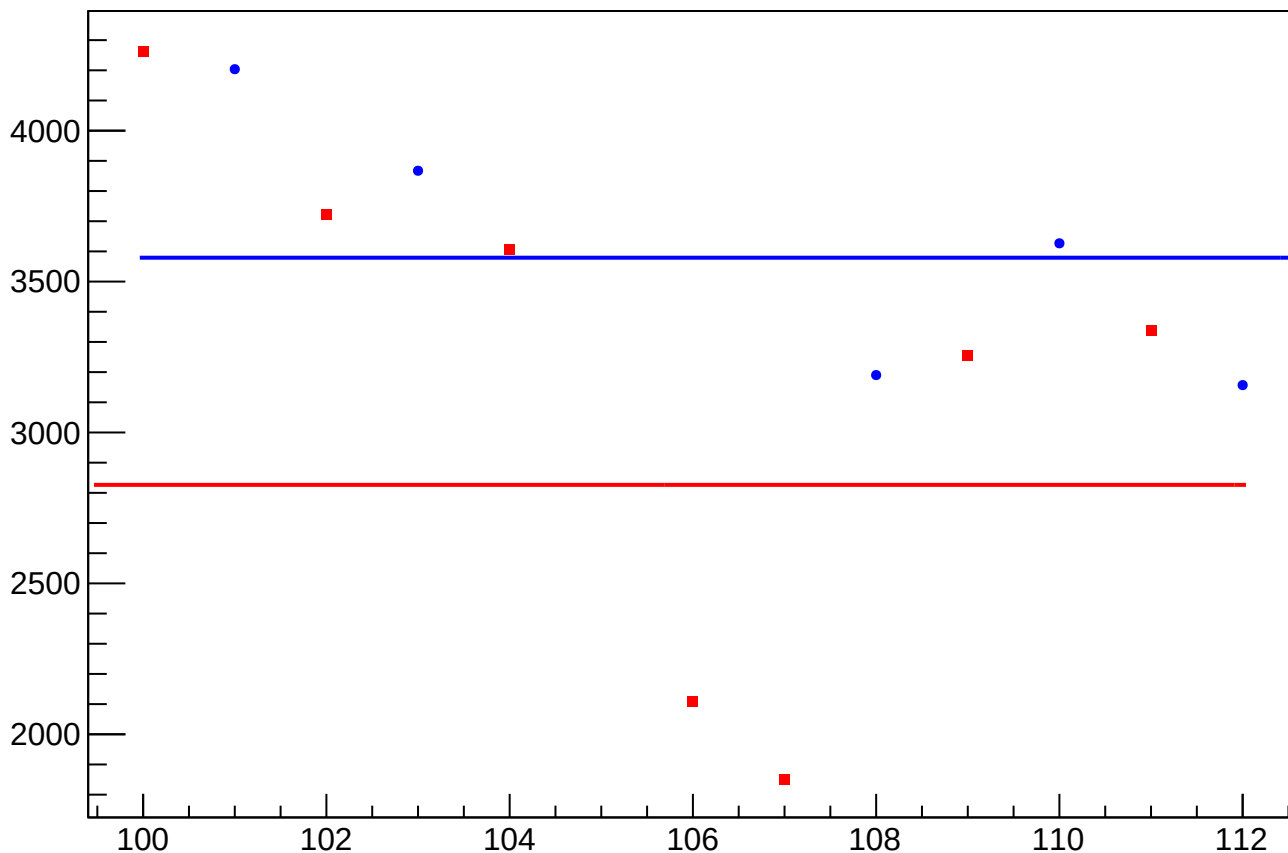
Right: -33.498+/-1389.143 χ^2/NDF : 8.2/11

In: 3523.628+/-2267.238 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.498+/-1389.143 χ^2/NDF : 8.2/11

asym_at1_avg_at2_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3579.131+/-1.603 χ^2/NDF : 65222.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2826.429+/-1.243 χ^2/NDF : 388014.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

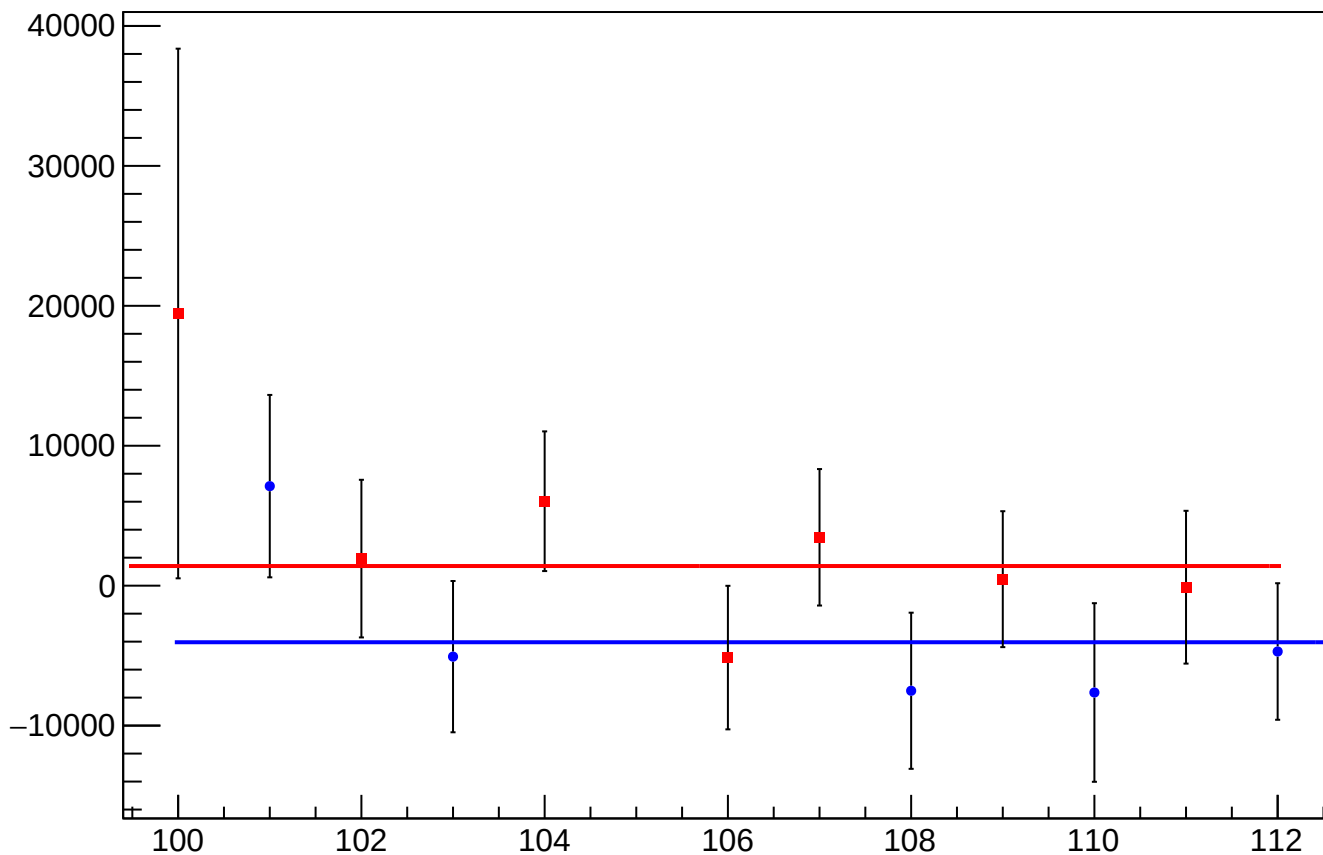
Right: 3108.997+/-0.982 χ^2/NDF : 590919.4/11

In: 3579.131+/-1.603 χ^2/NDF : 65222.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3108.997+/-0.982 χ^2/NDF : 590919.4/11

asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -4042.931+/-2528.329 χ^2/NDF : 3.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1403.613+/-2083.182 χ^2/NDF : 3.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

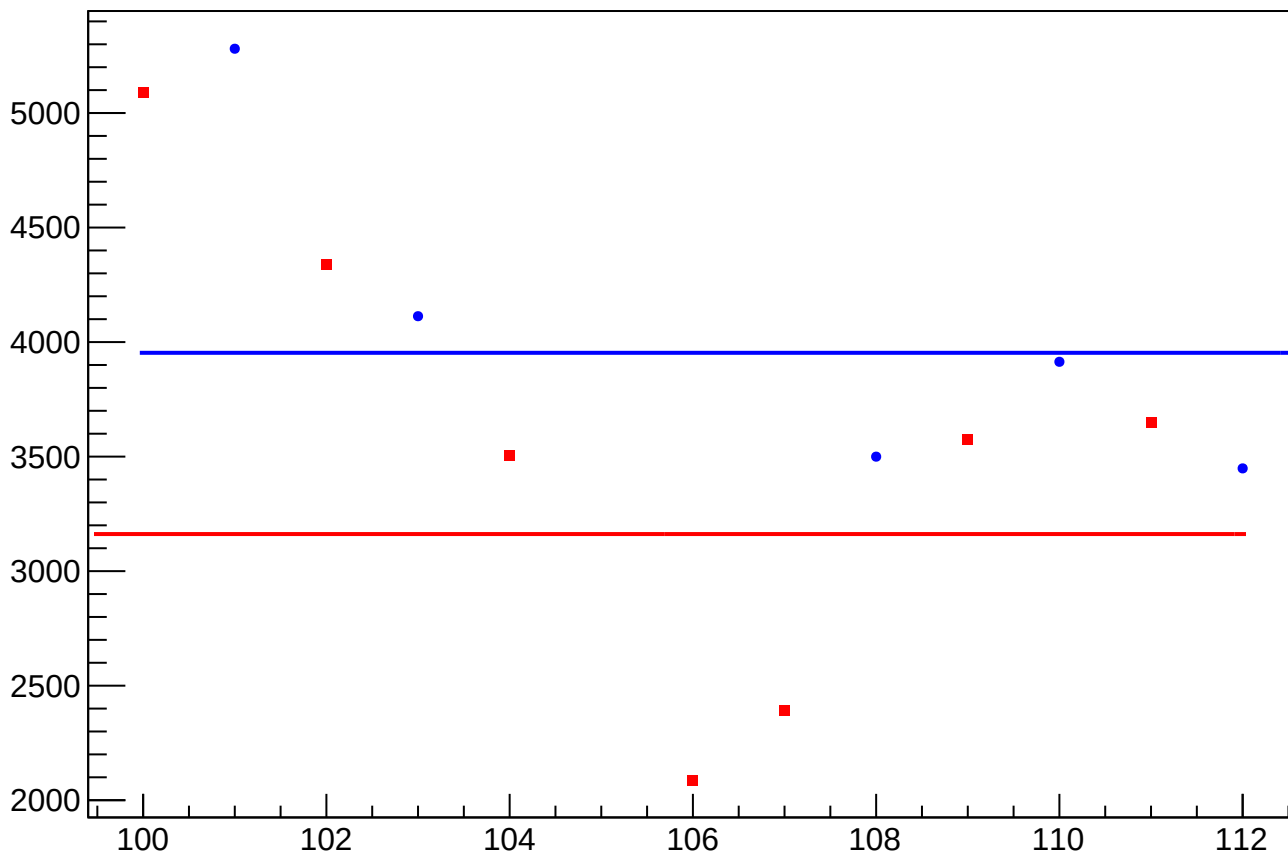
Right: -798.761+/-1607.750 χ^2/NDF : 10.1/11

In: -4042.931+/-2528.329 χ^2/NDF : 3.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -798.761+/-1607.750 χ^2/NDF : 10.1/11

asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 3953.175+/-1.788 χ^2/NDF : 119376.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3161.942+/-1.426 χ^2/NDF : 320884.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

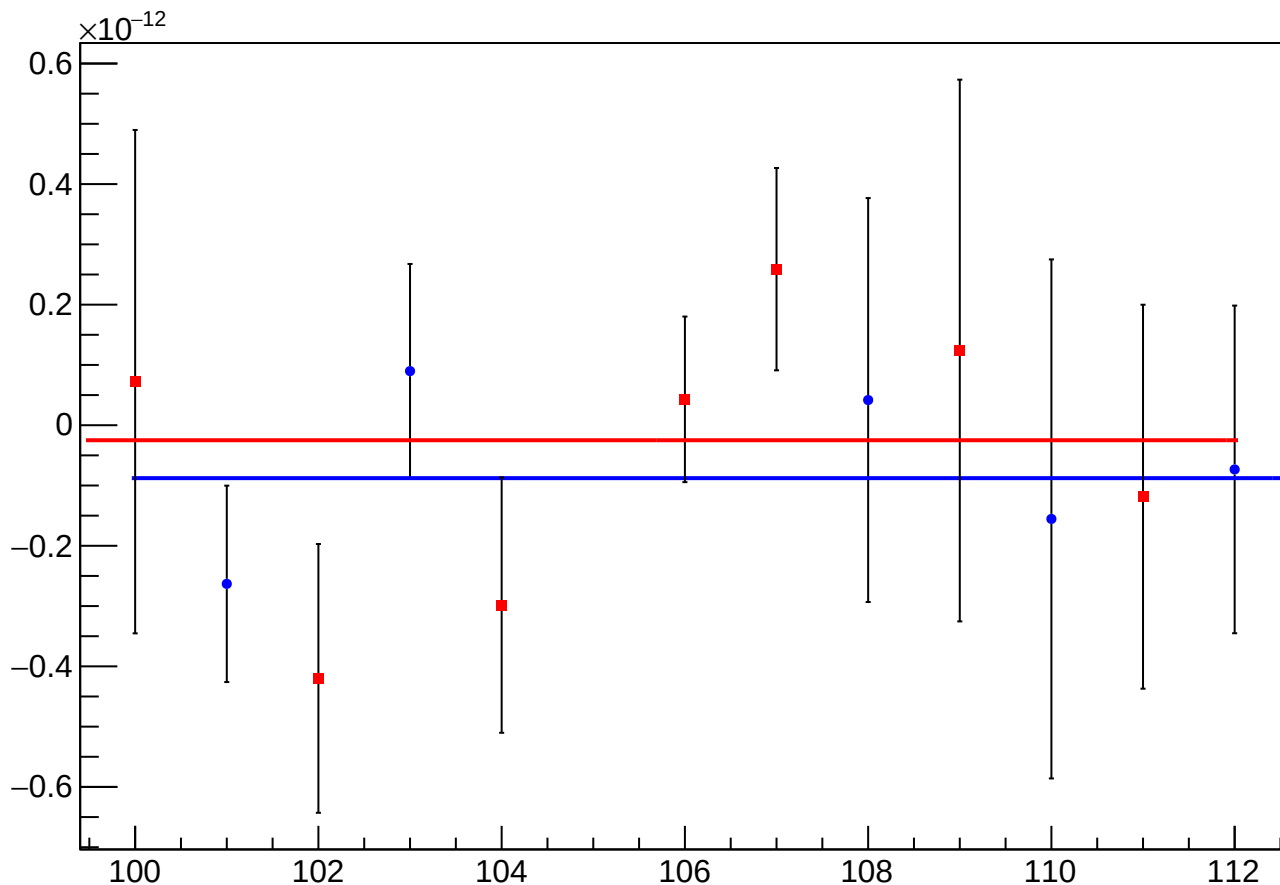
Right: 3469.501+/-1.115 χ^2/NDF : 560002.1/11

In: 3953.175+/-1.788 χ^2/NDF : 119376.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3469.501+/-1.115 χ^2/NDF : 560002.1/11

asym_at1_avg_at2_avg_dd_reg_vs_Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

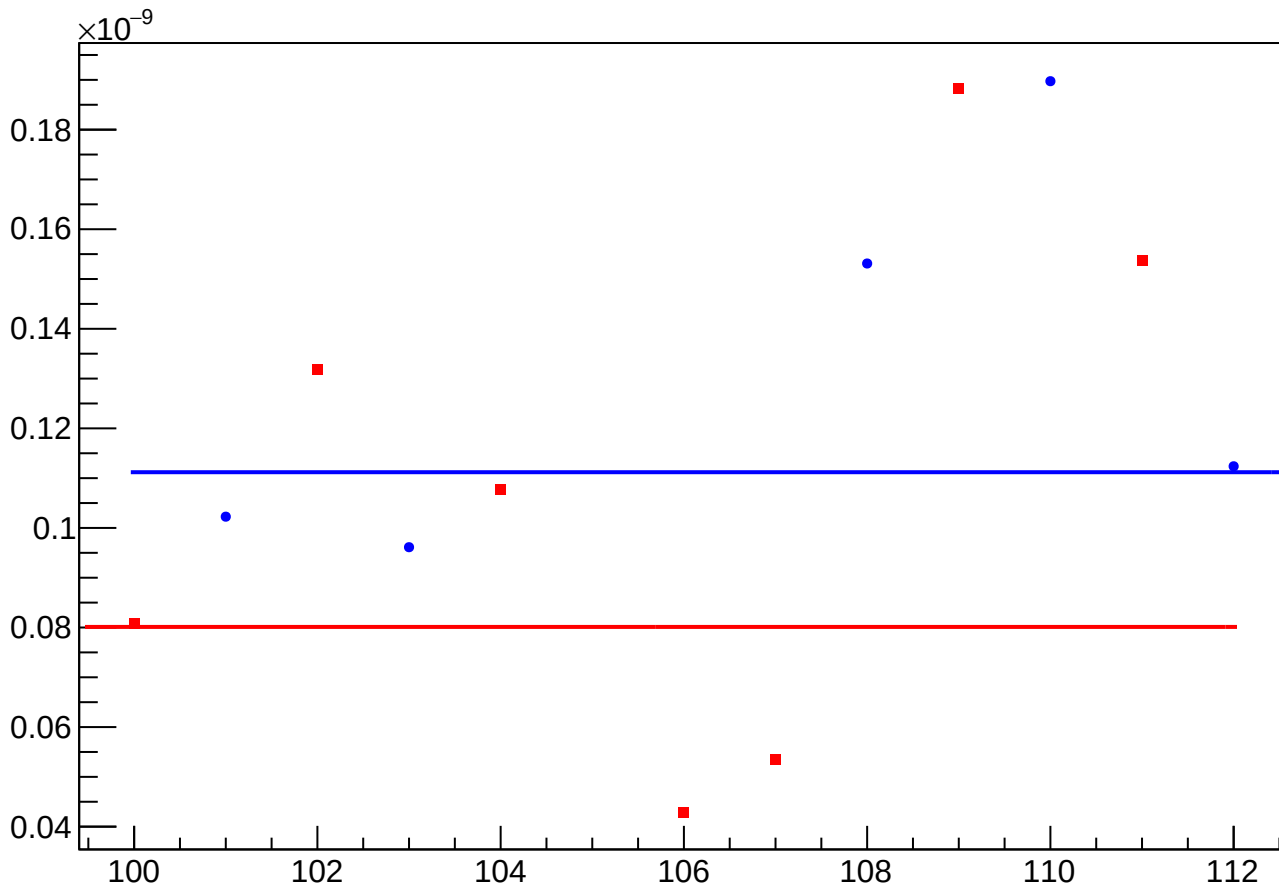
Right: -0.000+/-0.000 χ^2/NDF : 10.7/11

In: -0.000+/-0.000 χ^2/NDF : 2.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.7/11

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 118302.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 561669.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

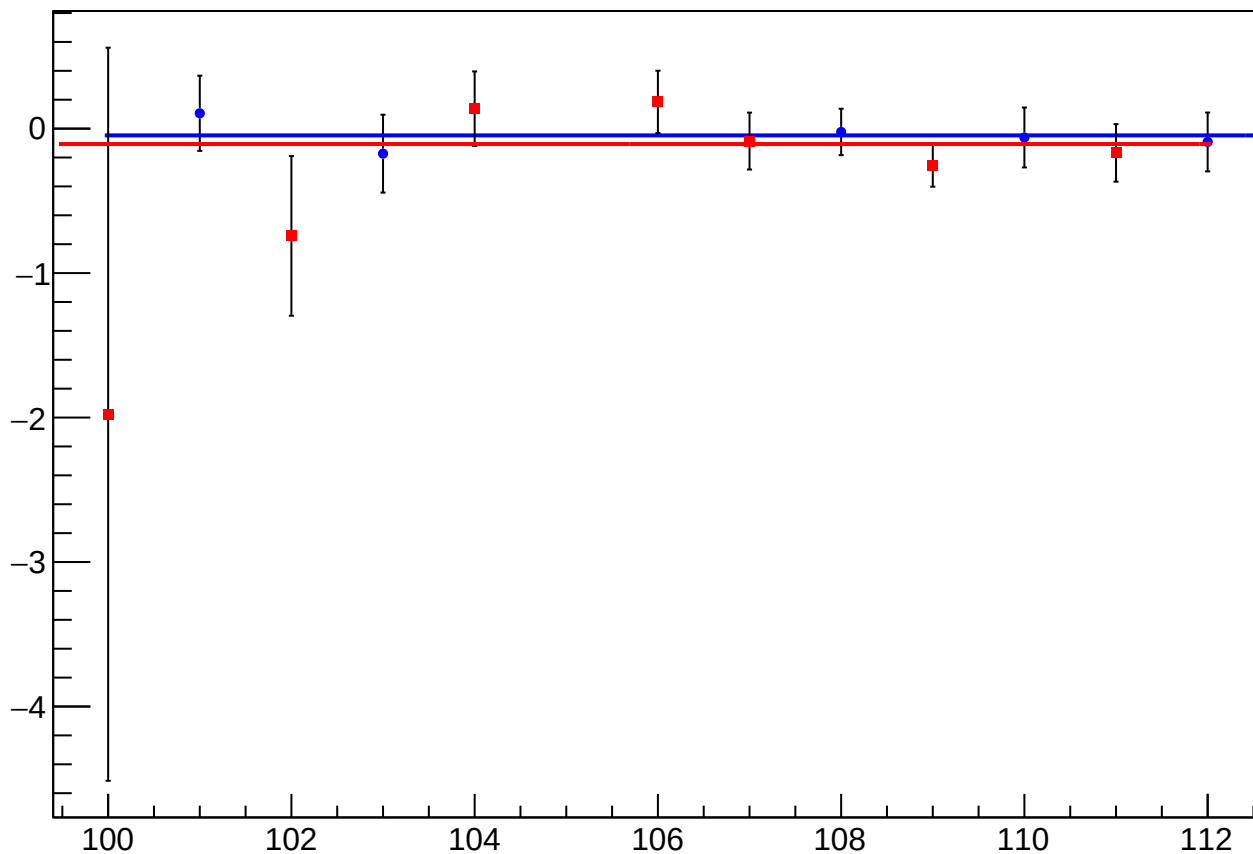
Right: 0.000+/-0.000 χ^2/NDF : 794321.9/11

In: 0.000+/-0.000 χ^2/NDF : 118302.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 794321.9/11

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.047 $\pm$ 0.093 χ^2 /NDF: 0.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.107 $\pm$ 0.086 χ^2 /NDF: 5.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

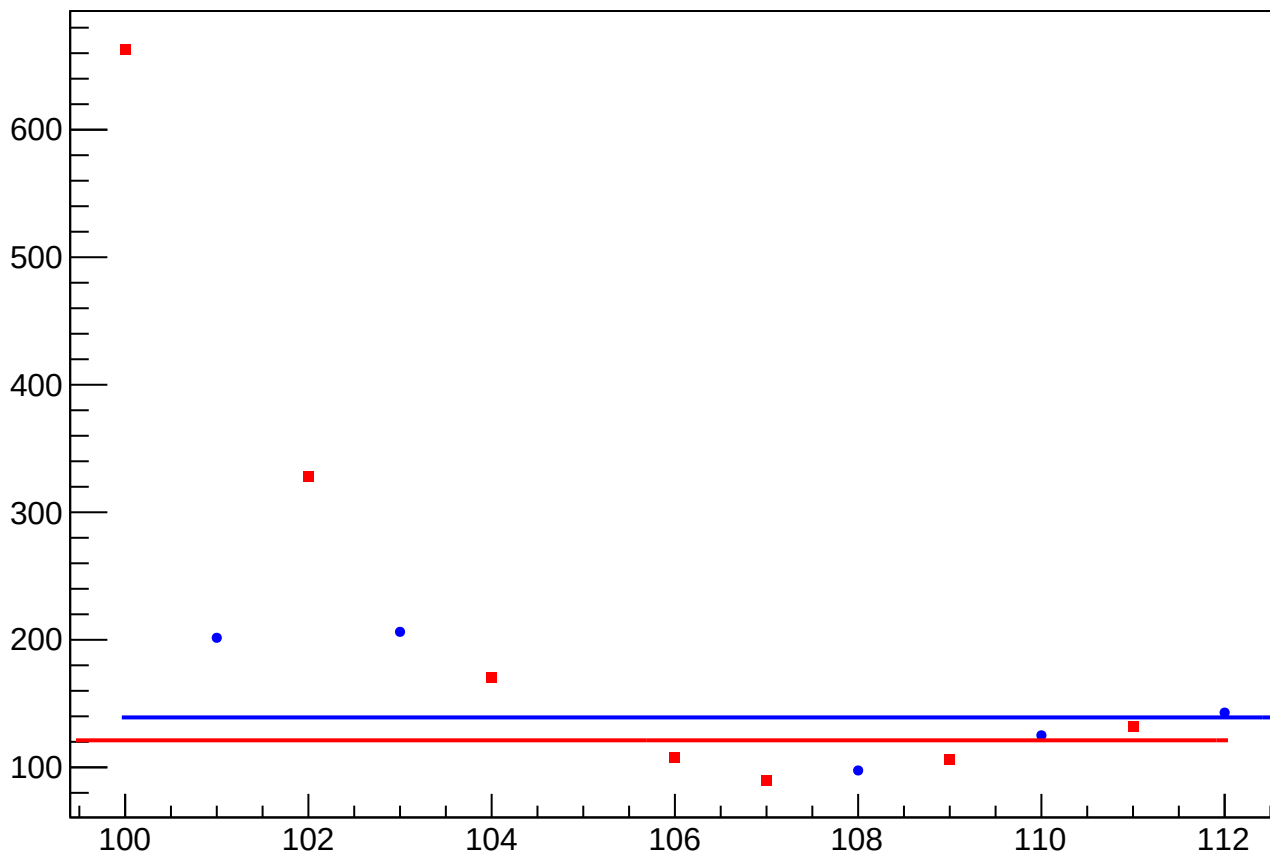
Right: -0.079 $\pm$ 0.063 χ^2 /NDF: 6.5/11

In: -0.047 $\pm$ 0.093 χ^2 /NDF:0.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.079 $\pm$ 0.063 χ^2 /NDF: 6.5/11

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.147+/-0.066 χ^2/NDF : 383175.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.185+/-0.061 χ^2/NDF : 530053.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

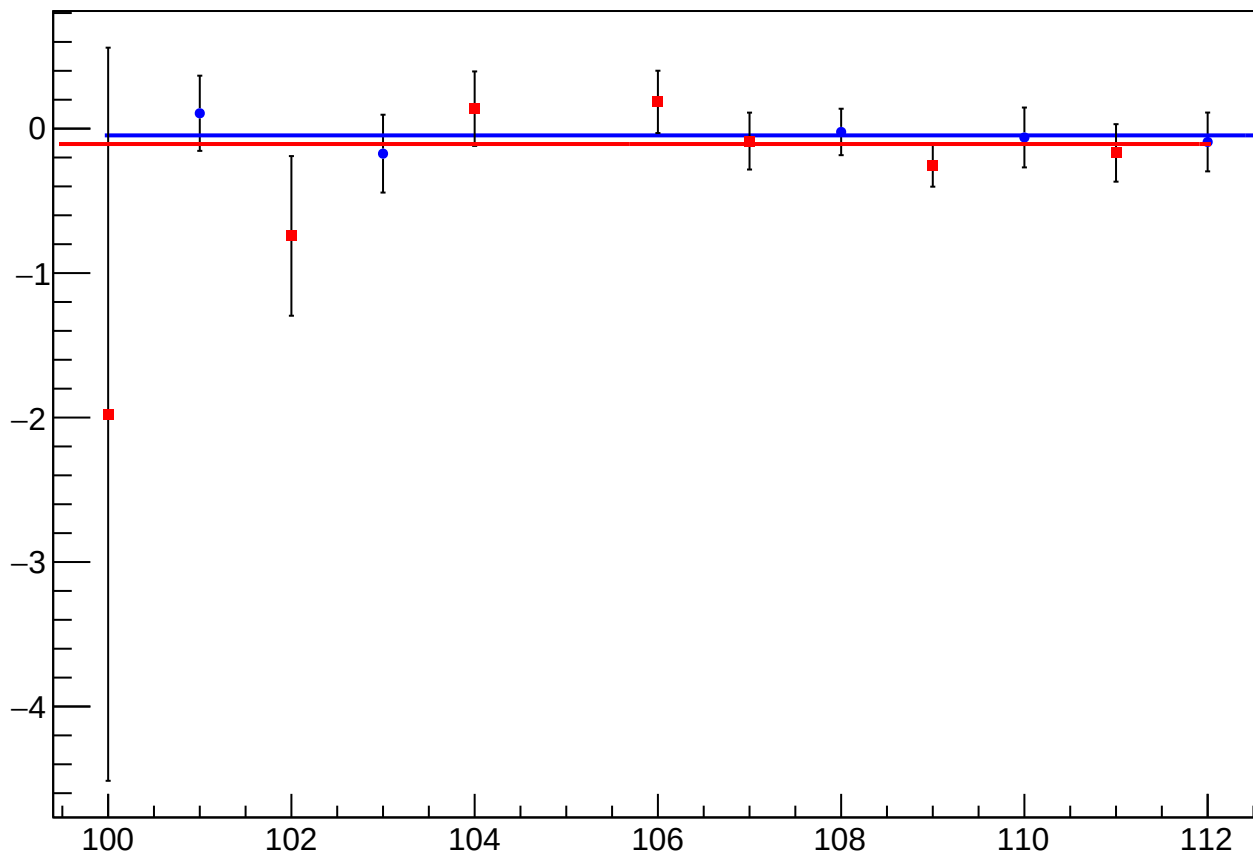
Right: 129.406+/-0.045 χ^2/NDF : 953370.4/11

In: 139.147+/-0.066 χ^2/NDF : 383175.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.406+/-0.045 χ^2/NDF : 953370.4/11

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.047 ± 0.093 χ^2/NDF : 0.6/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.107 ± 0.086 χ^2/NDF : 5.7/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

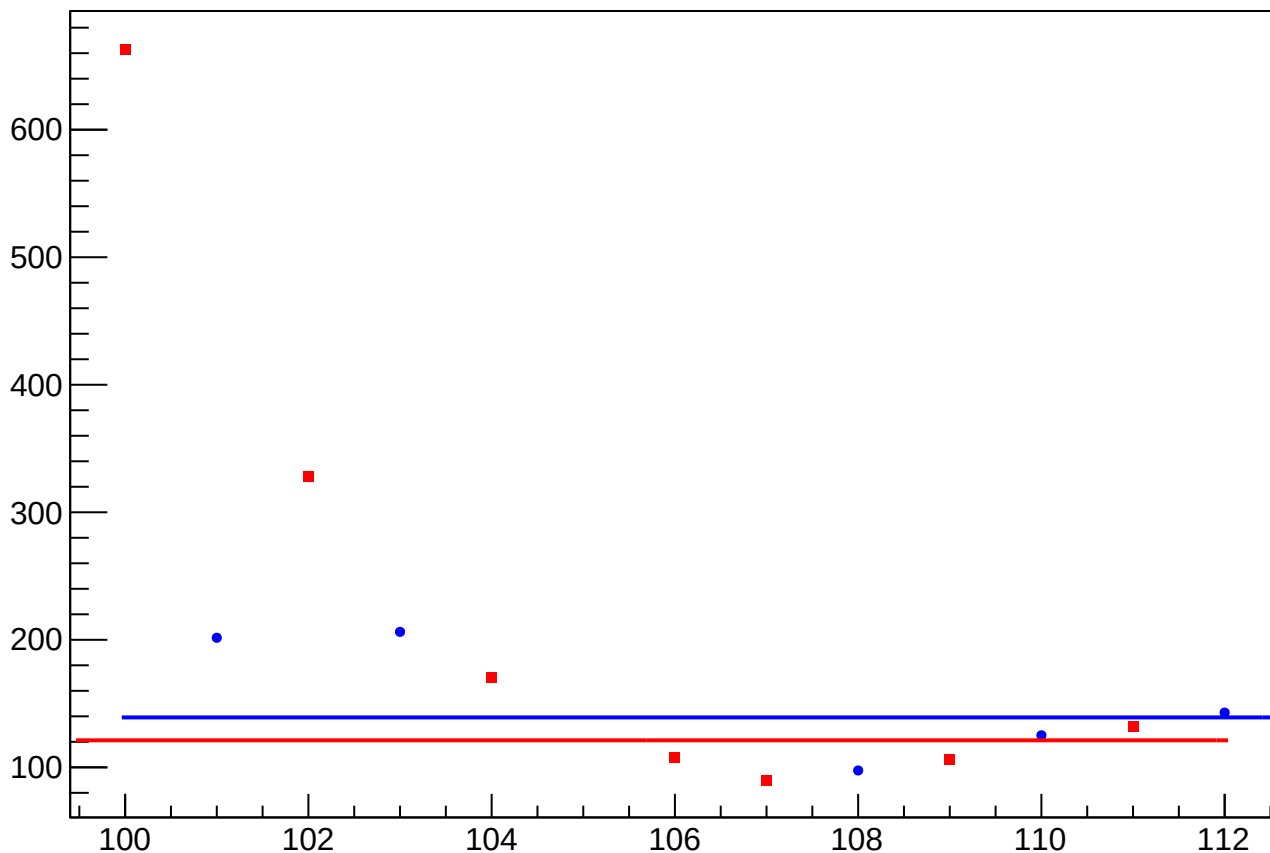
Right: -0.079 ± 0.063 χ^2/NDF : 6.5/11

In: -0.047 ± 0.093 χ^2/NDF : 0.6/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.079 ± 0.063 χ^2/NDF : 6.5/11

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.147+/-0.066 χ^2/NDF : 383175.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.185+/-0.061 χ^2/NDF : 530053.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

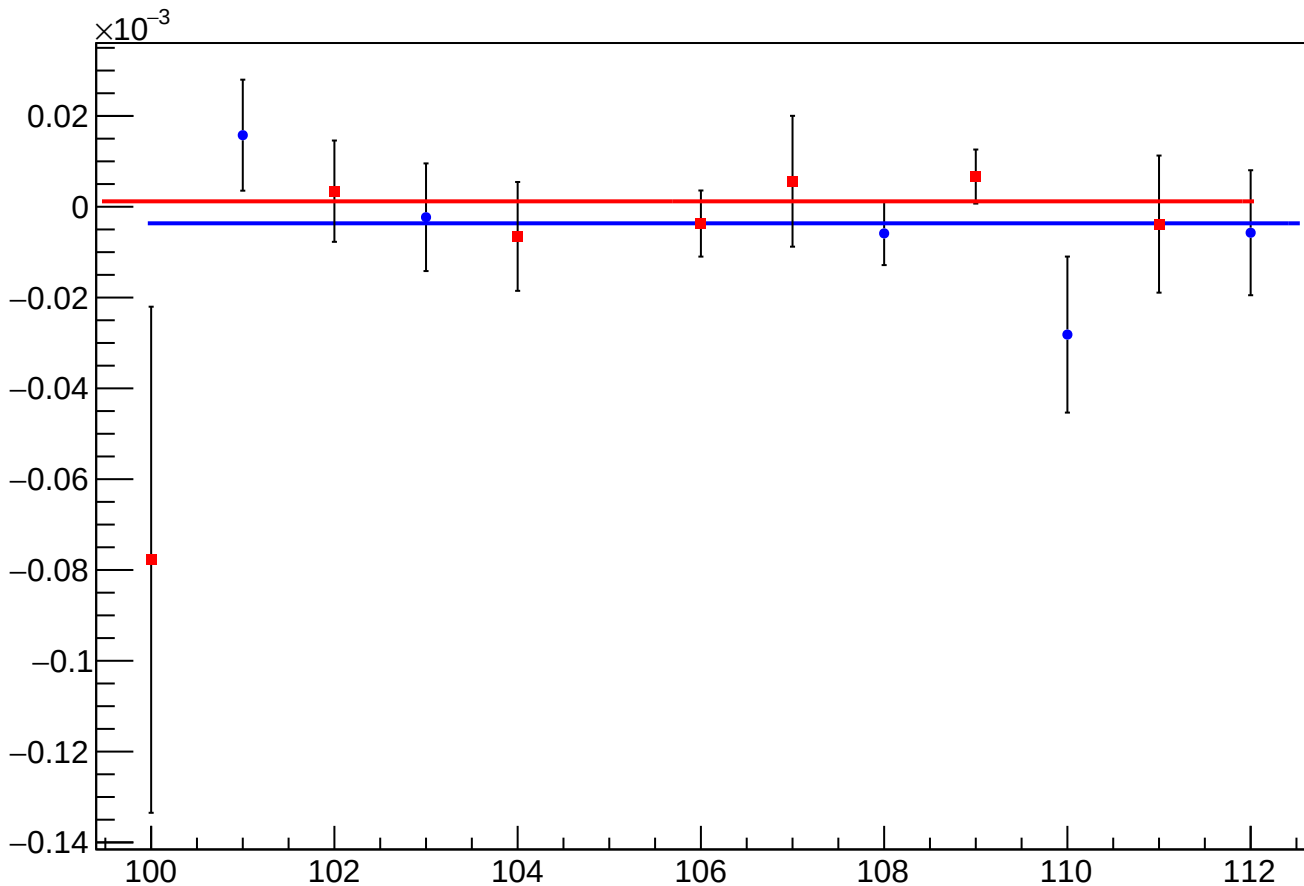
Right: 129.406+/-0.045 χ^2/NDF : 953370.4/11

In: 139.147+/-0.066 χ^2/NDF : 383175.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.406+/-0.045 χ^2/NDF : 953370.4/11

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 : 4.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

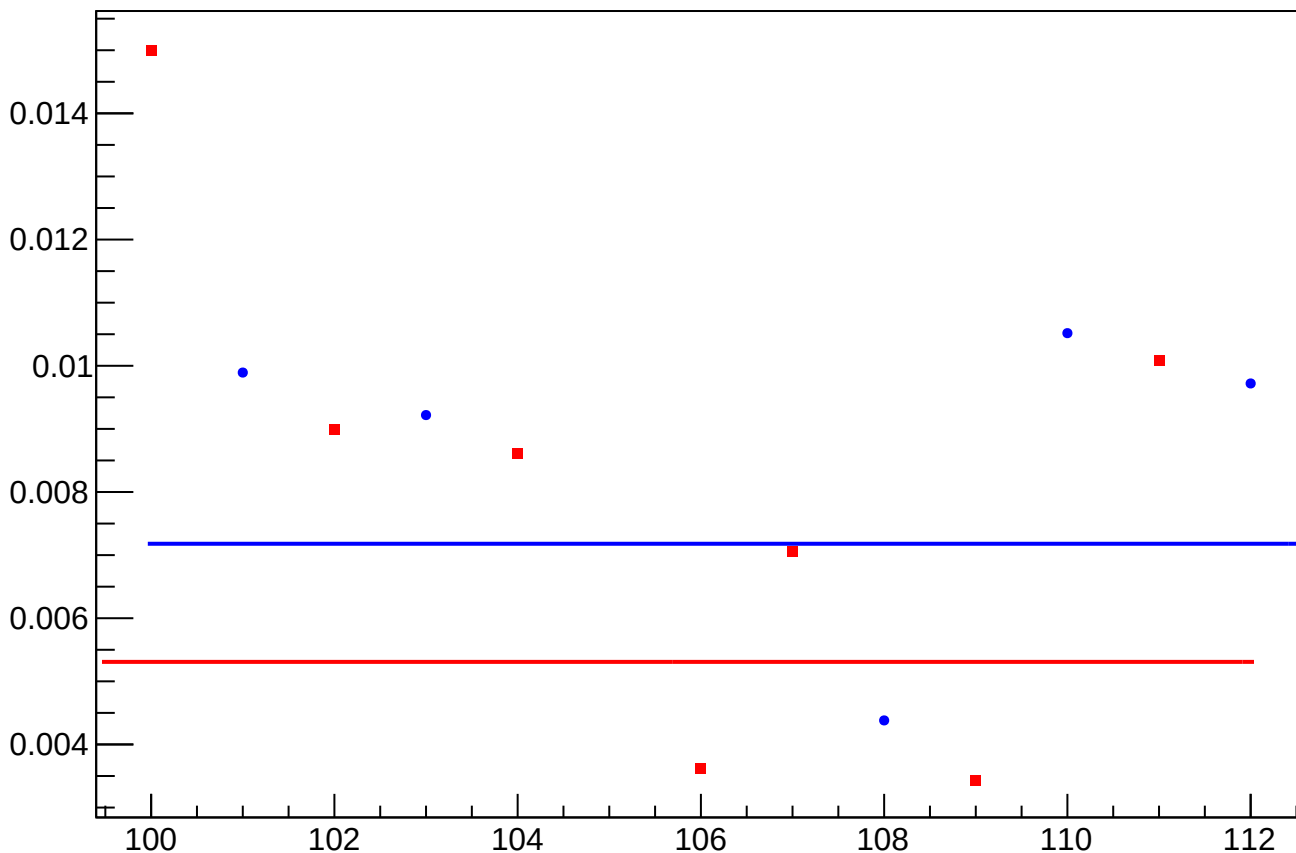
Right: -0.000+/-0.000 χ^2/NDF : 9.3/11

In: -0.000+/-0.000 χ^2/NDF : 4.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.3/11

asym_at1_avg_at2_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 622404.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 968019.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

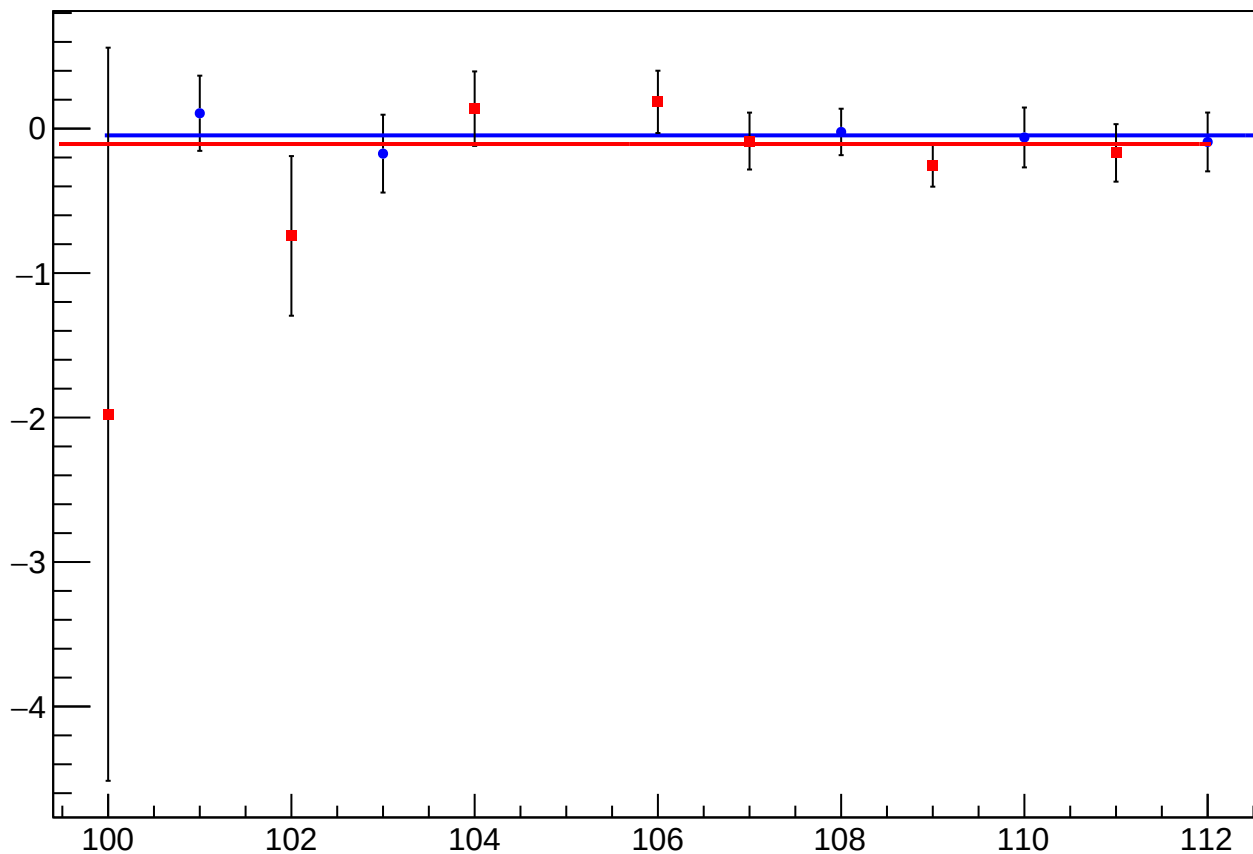
Right: 0.006+/-0.000 χ^2/NDF : 1778591.7/11

In: 0.007+/-0.000 χ^2/NDF : 622404.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1778591.7/11

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.047 $\pm$ 0.093 χ^2 /NDF: 0.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.107 $\pm$ 0.086 χ^2 /NDF: 5.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

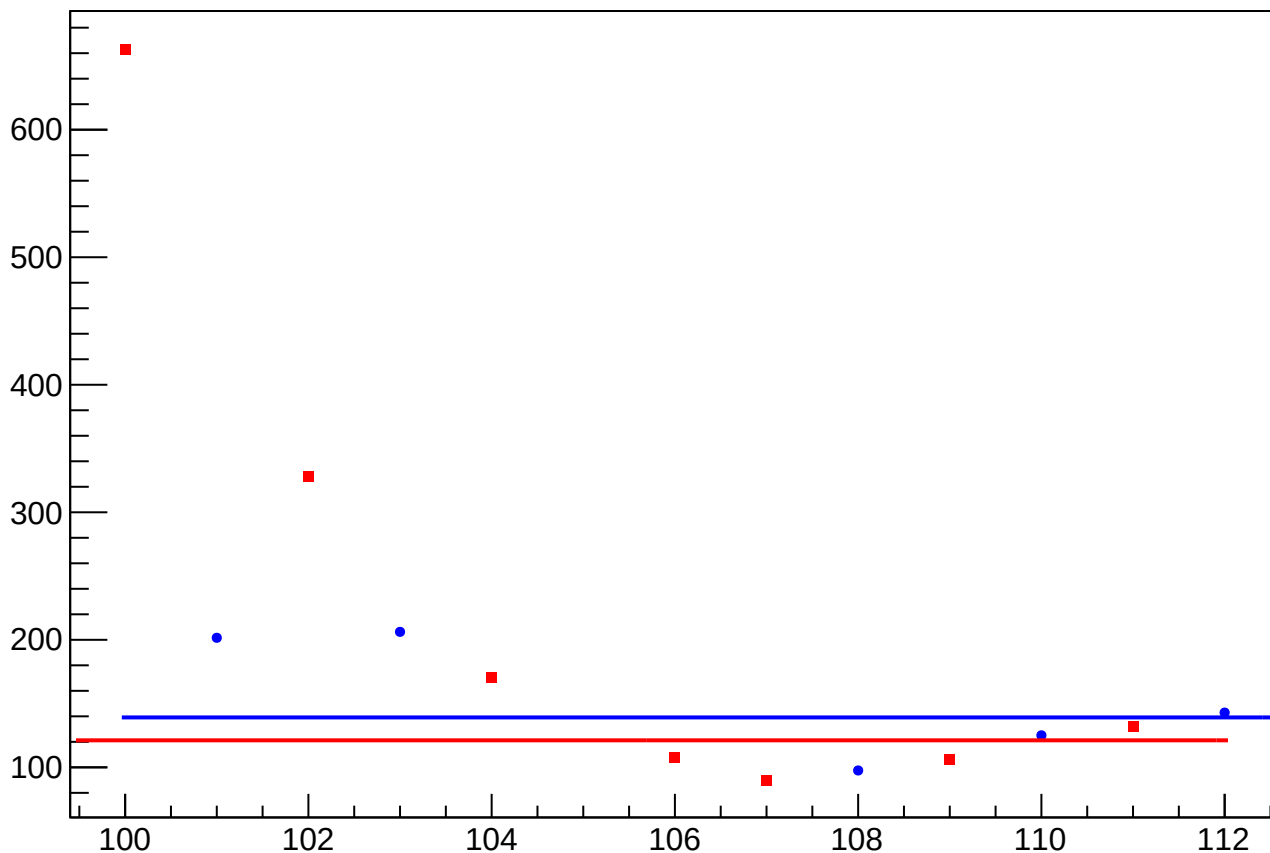
Right: -0.079 $\pm$ 0.063 χ^2 /NDF: 6.5/11

In: -0.047 $\pm$ 0.093 χ^2 /NDF:0.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.079 $\pm$ 0.063 χ^2 /NDF: 6.5/11

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.149+/-0.066 χ^2/NDF : 383138.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.188+/-0.061 χ^2/NDF : 530023.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

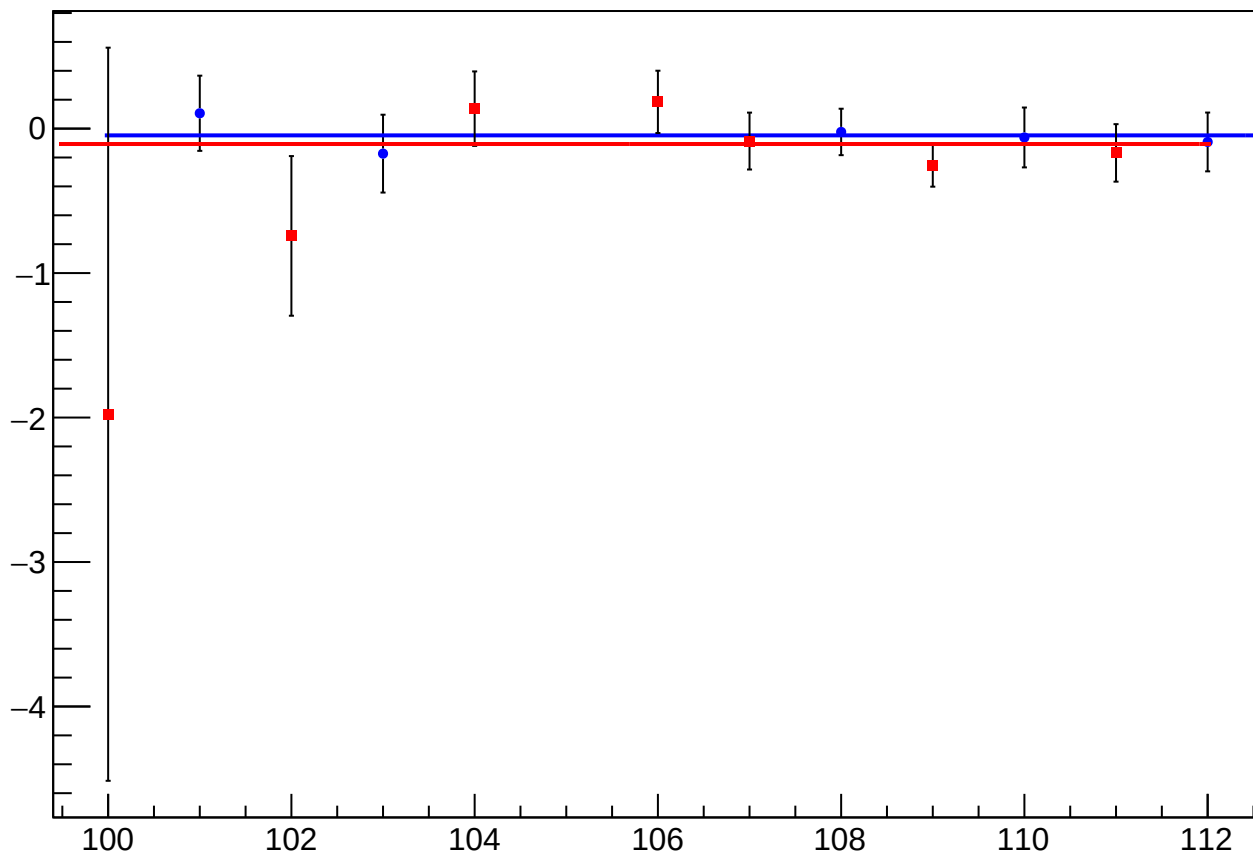
Right: 129.408+/-0.045 χ^2/NDF : 953298.0/11

In: 139.149+/-0.066 χ^2/NDF : 383138.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.408+/-0.045 χ^2/NDF : 953298.0/11

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.047 ± 0.093 $\chi^2/\text{NDF}: 0.6/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.107 ± 0.086 $\chi^2/\text{NDF}: 5.7/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

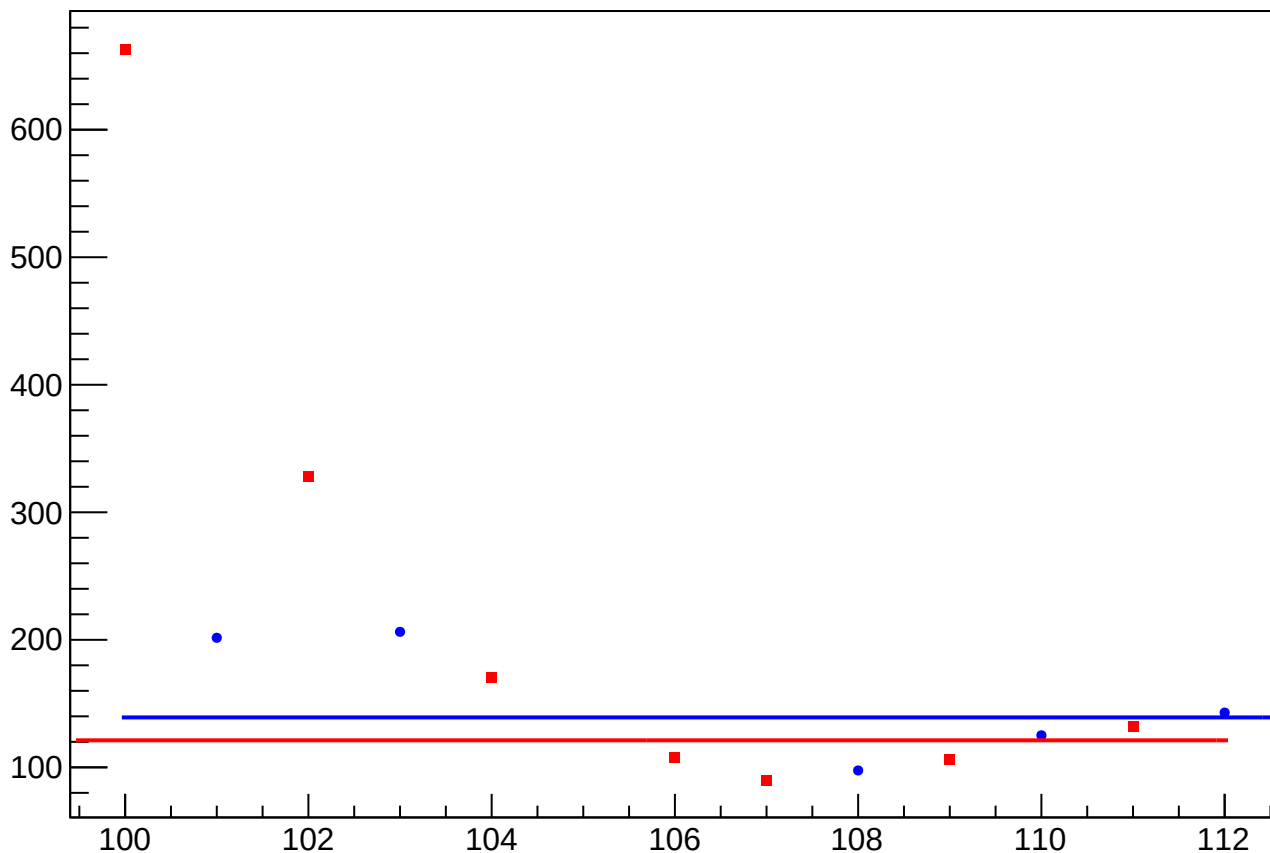
Right: -0.079 ± 0.063 $\chi^2/\text{NDF}: 6.5/11$

In: -0.047 ± 0.093 $\chi^2/\text{NDF}: 0.6/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.079 ± 0.063 $\chi^2/\text{NDF}: 6.5/11$

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.149+/-0.066 χ^2/NDF : 383138.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.188+/-0.061 χ^2/NDF : 530023.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

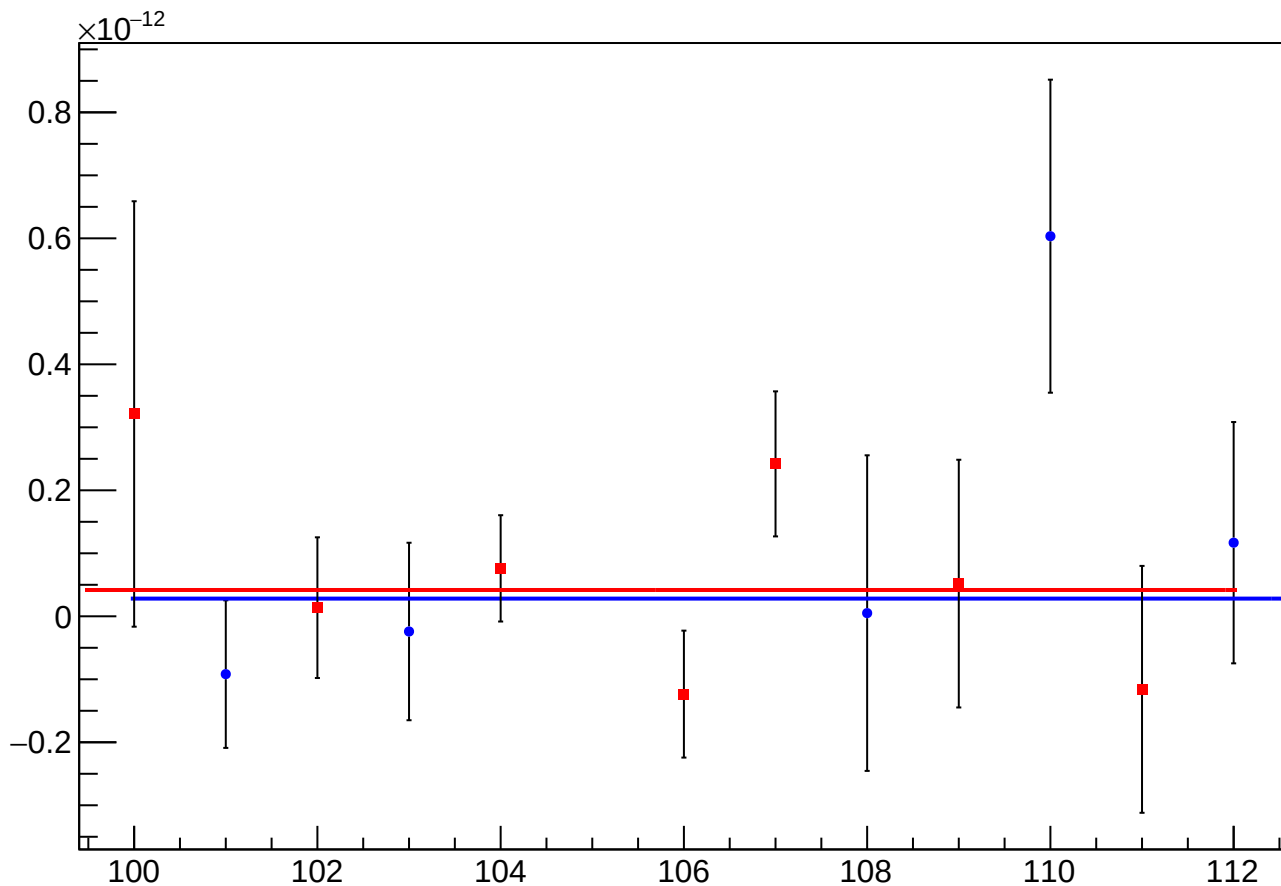
Right: 129.408+/-0.045 χ^2/NDF : 953298.0/11

In: 139.149+/-0.066 χ^2/NDF : 383138.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.408+/-0.045 χ^2/NDF : 953298.0/11

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 : 6.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

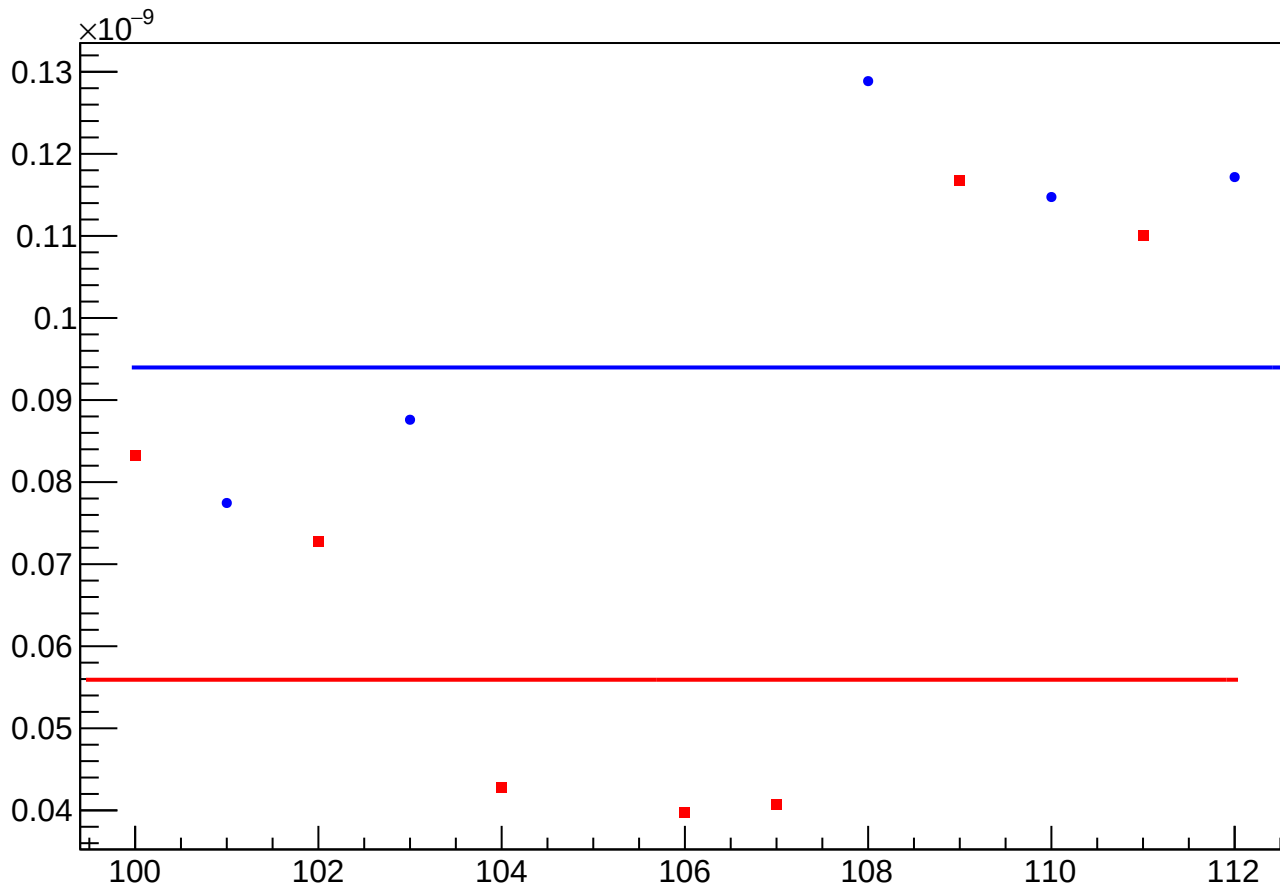
Right: 0.000+/-0.000 χ^2/NDF : 14.1/11

In: 0.000+/-0.000 χ^2/NDF : 6.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.1/11

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 : 125965.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 536971.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

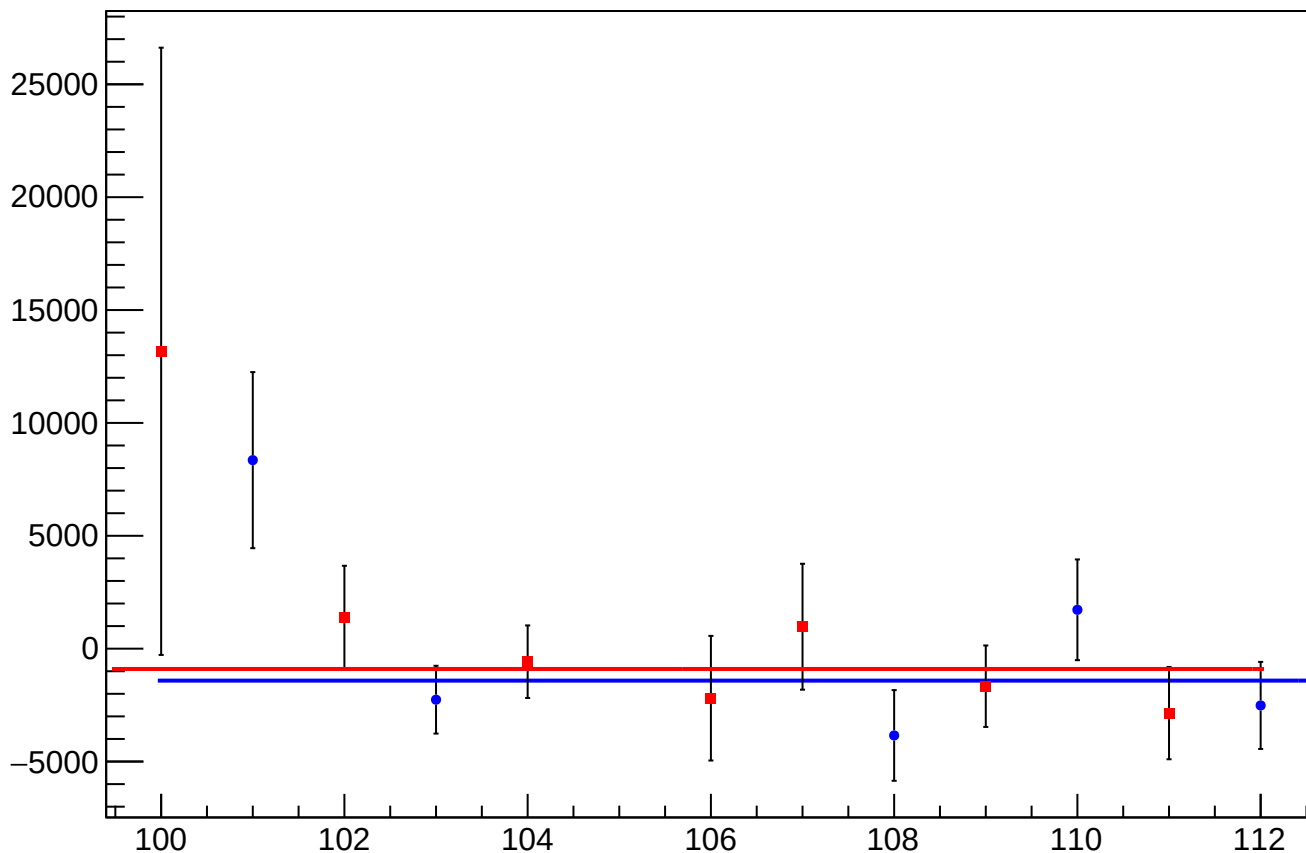
Right: 0.000+/-0.000 χ^2/NDF : 1040495.5/11

In: 0.000+/-0.000 χ^2/NDF : 125965.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1040495.5/11

reg_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -1415.283+/-902.919 χ^2/NDF : 10.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -899.470+/-848.705 χ^2/NDF : 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

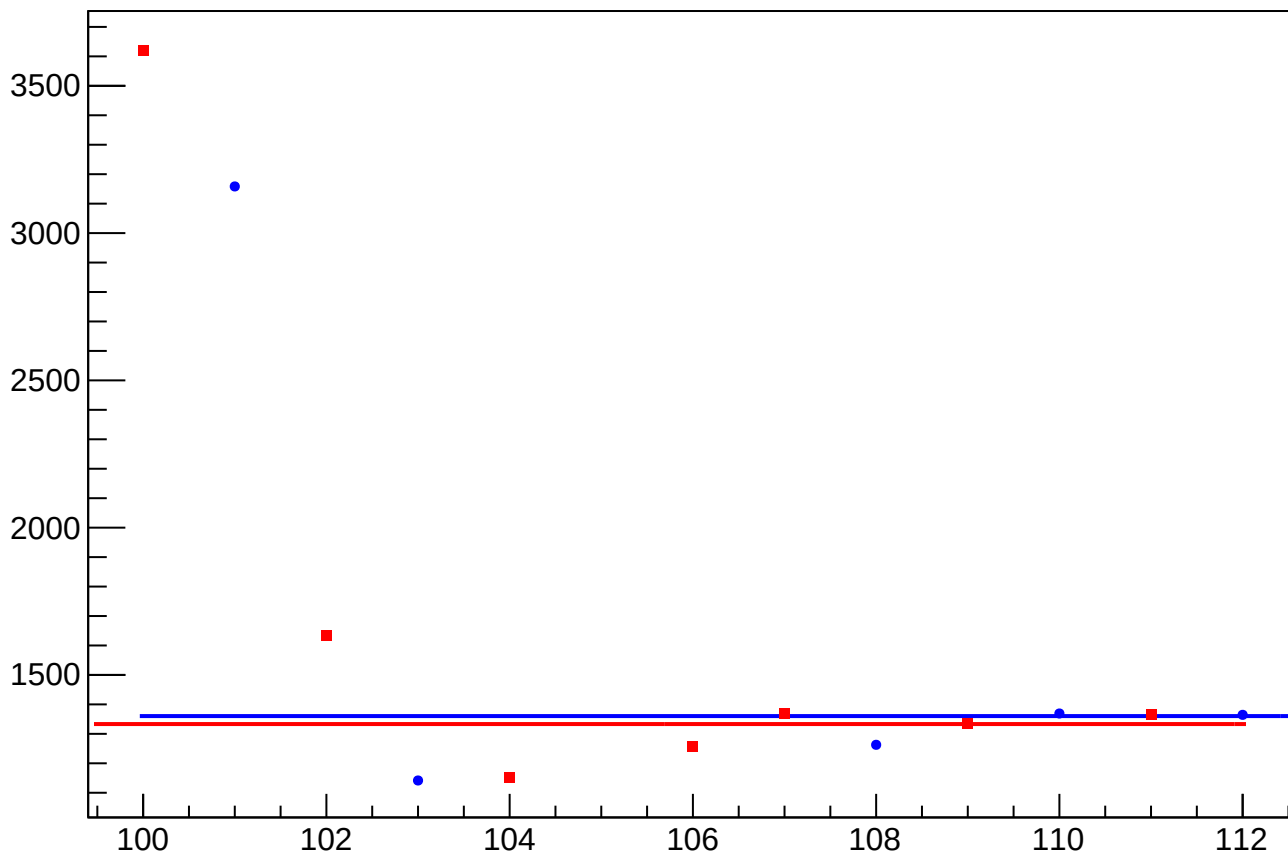
Right: -1141.427+/-618.403 χ^2/NDF : 14.4/11

In: -1415.283+/-902.919 χ^2/NDF : 10.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1141.427+/-618.403 χ^2/NDF : 14.4/11

reg_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1360.317+/-0.638 χ^2/NDF : 472253.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1333.236+/-0.595 χ^2/NDF : 120446.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

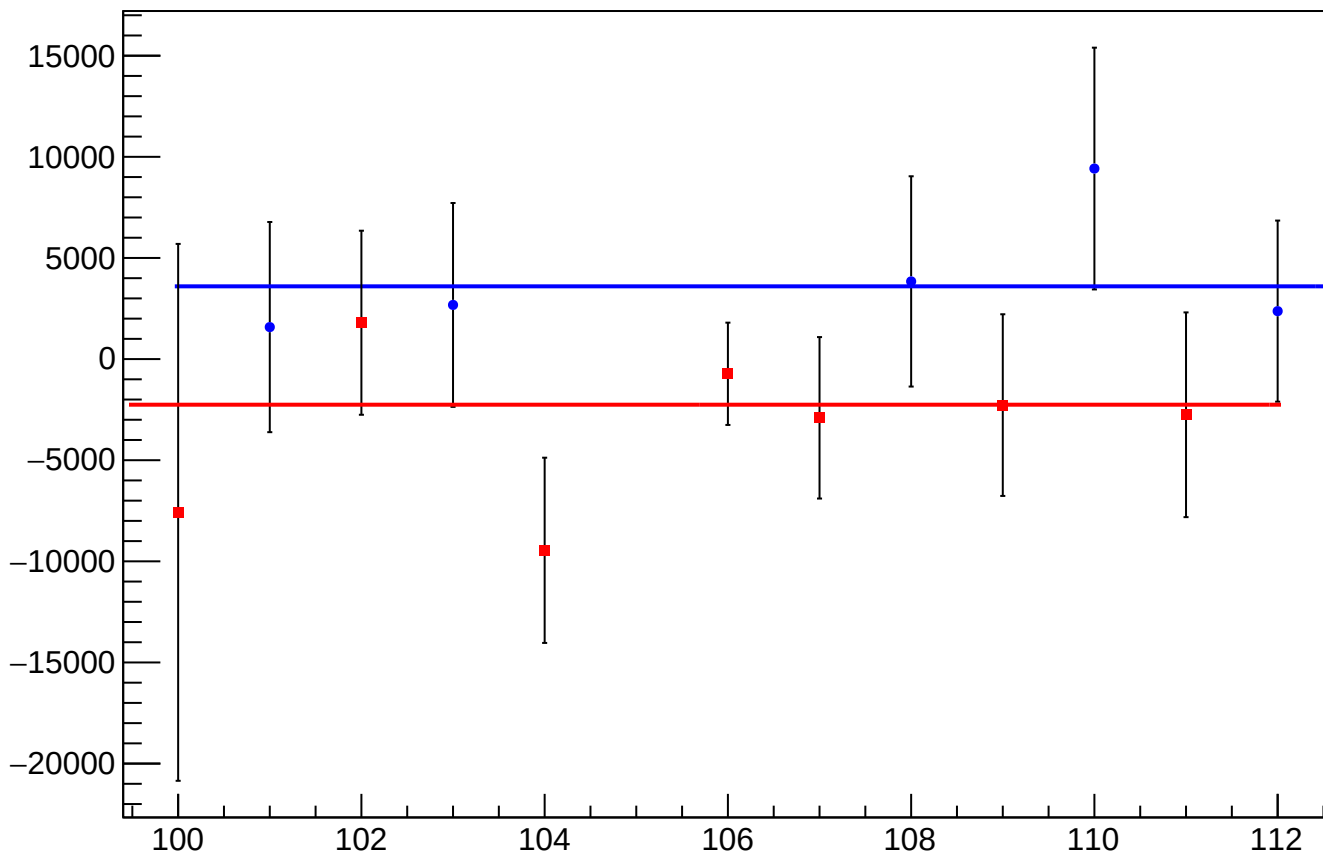
Right: 1345.833+/-0.435 χ^2/NDF : 593662.4/11

In: 1360.317+/-0.638 χ^2/NDF : 472253.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1345.833+/-0.435 χ^2/NDF : 593662.4/11

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 3597.067+/-2286.429 χ^2/NDF : 1.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2255.579+/-1562.877 χ^2/NDF : 3.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

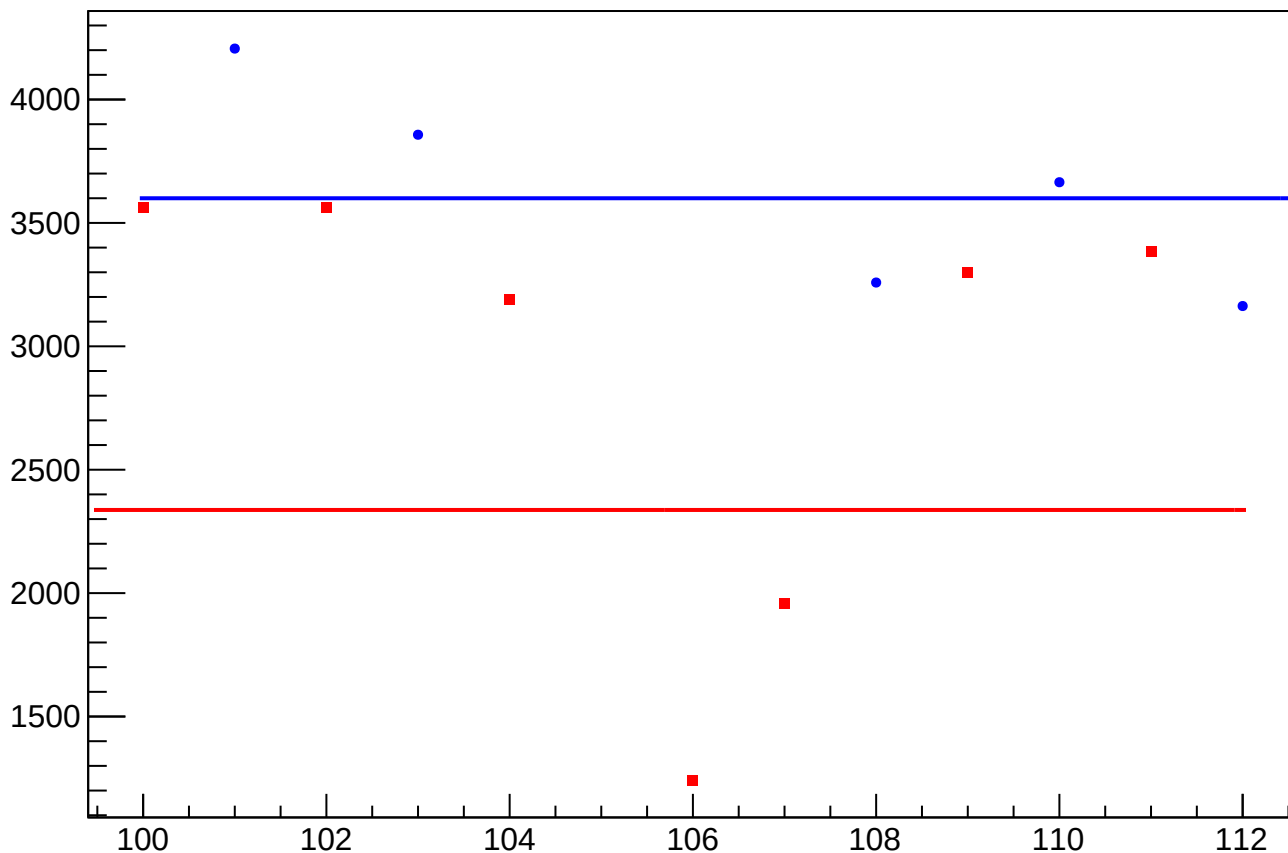
Right: -391.831+/-1290.254 χ^2/NDF : 9.5/11

In: 3597.067+/-2286.429 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -391.831+/-1290.254 χ^2/NDF : 9.5/11

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3599.934+/-1.617 χ^2/NDF : 60351.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2336.953+/-1.105 χ^2/NDF : 801807.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

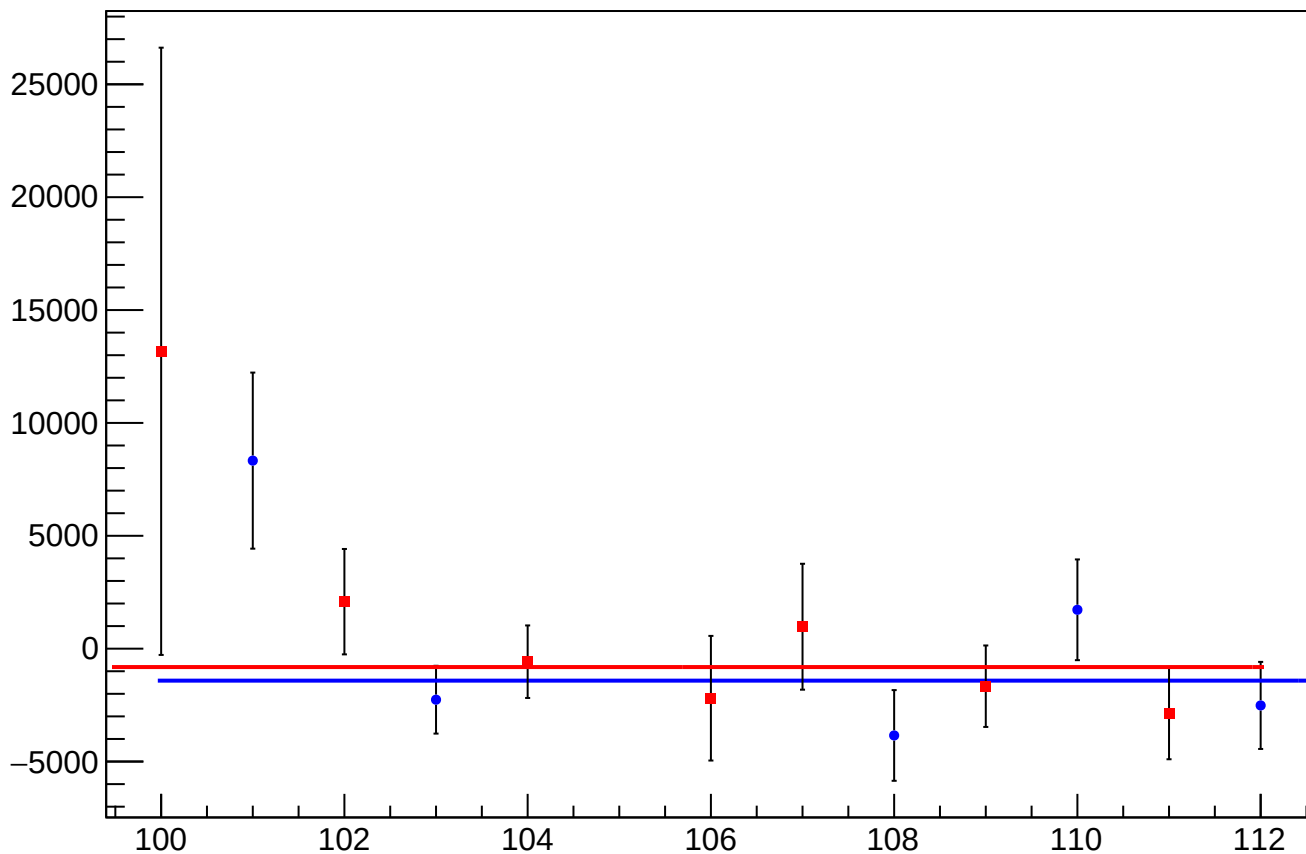
Right: 2739.143+/-0.912 χ^2/NDF : 1278078.0/11

In: 3599.934+/-1.617 χ^2/NDF : 60351.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2739.143+/-0.912 χ^2/NDF : 1278078.0/11

cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -1416.367+/-902.919 χ^2/NDF : 10.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -814.525+/-850.414 χ^2/NDF : 4.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

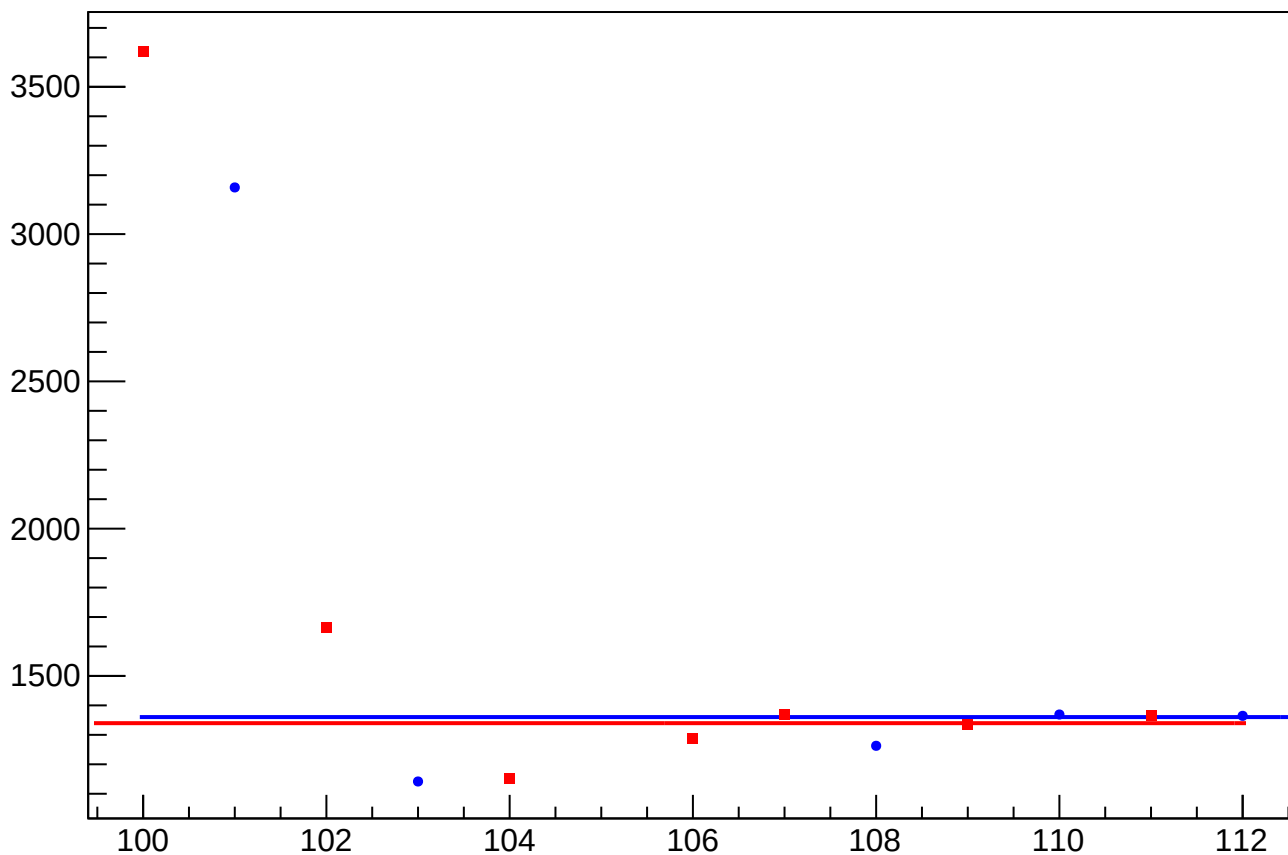
Right: -1097.440+/-619.063 χ^2/NDF : 15.1/11

In: -1416.367+/-902.919 χ^2/NDF : 10.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1097.440+/-619.063 χ^2/NDF : 15.1/11

cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1360.316 $\pm$ 0.638 χ^2 /NDF: 472255.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1339.647 $\pm$ 0.598 χ^2 /NDF: 125687.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

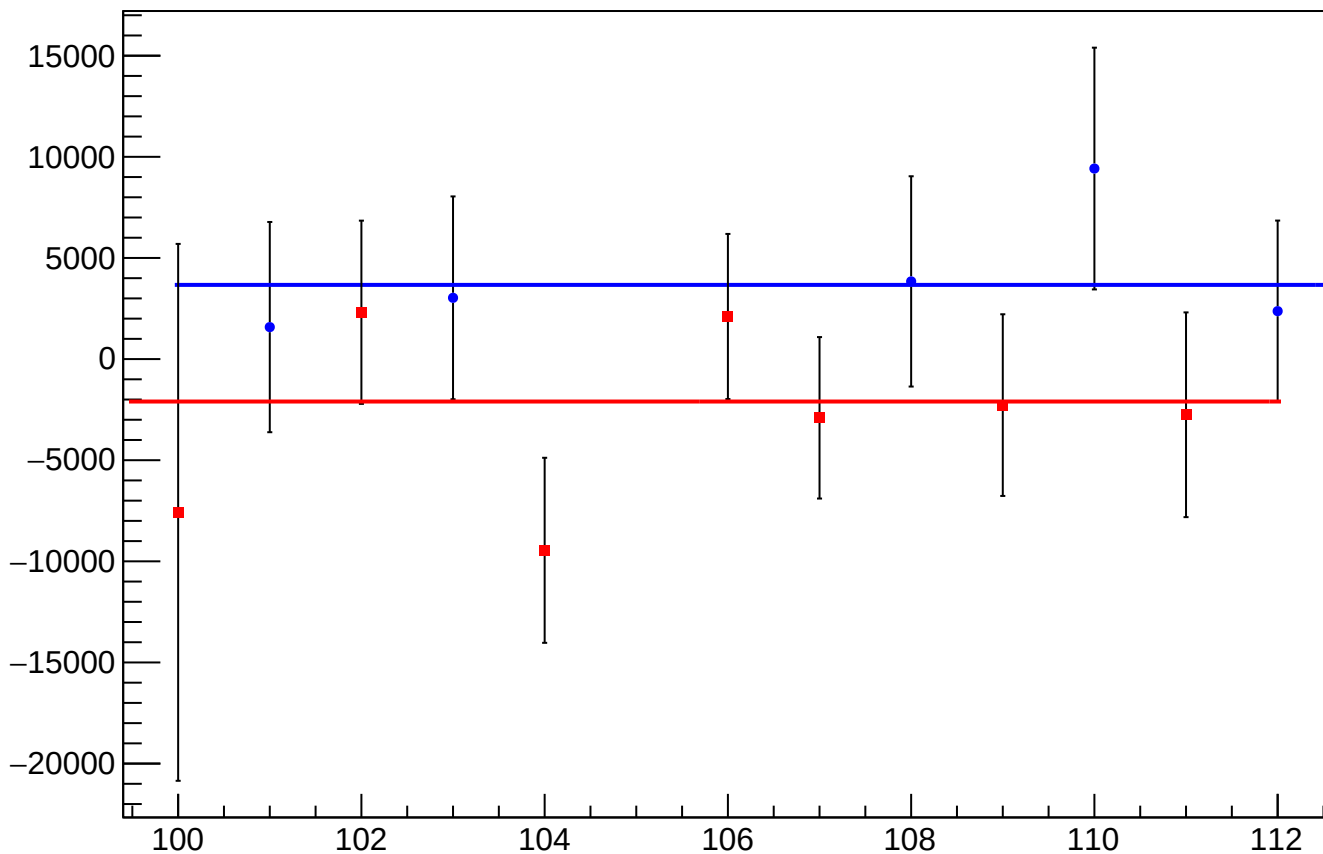
Right: 1349.305 $\pm$ 0.436 χ^2 /NDF: 598501.4/11

In: 1360.316 $\pm$ 0.638 χ^2 /NDF:472255.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1349.305 $\pm$ 0.436 χ^2 /NDF: 598501.4/11

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 3668.066+/-2284.100 χ^2/NDF : 1.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2098.609+/-1785.732 χ^2/NDF : 4.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

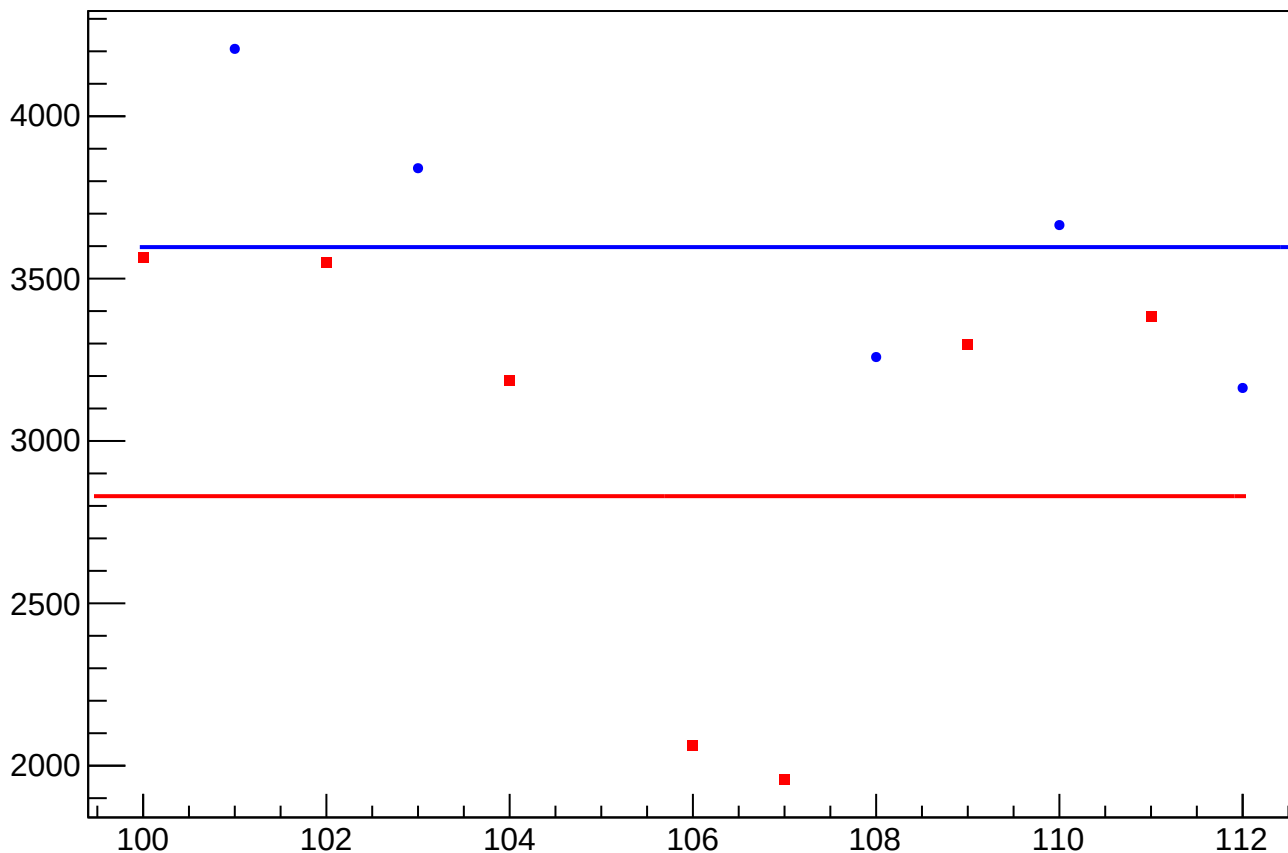
Right: 89.008+/-1406.818 χ^2/NDF : 10.0/11

In: 3668.066+/-2284.100 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.008+/-1406.818 χ^2/NDF : 10.0/11

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3597.041+/-1.615 χ^2/NDF : 59803.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2830.030+/-1.263 χ^2/NDF : 281063.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

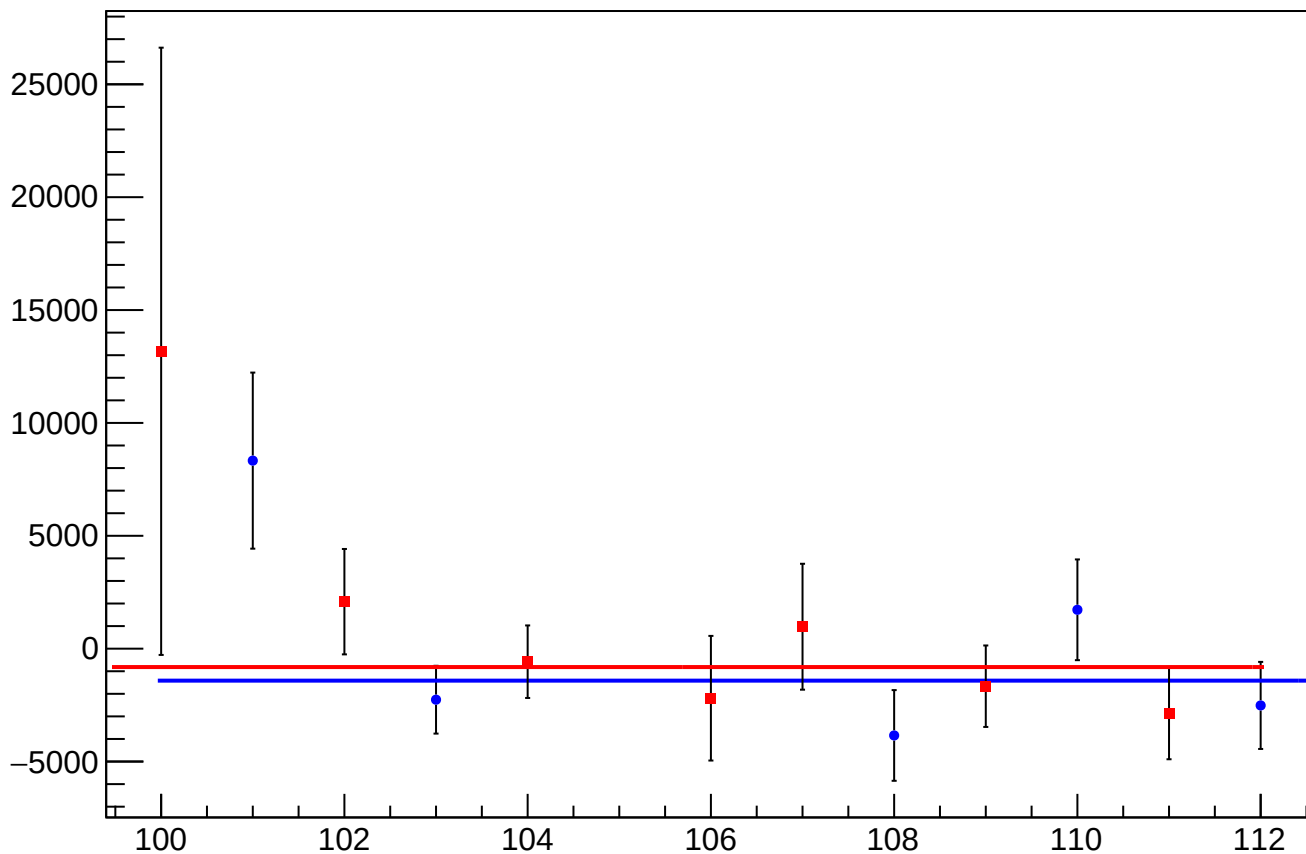
Right: 3121.000+/-0.995 χ^2/NDF : 480840.2/11

In: 3597.041+/-1.615 χ^2/NDF : 59803.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3121.000+/-0.995 χ^2/NDF : 480840.2/11

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -1416.367 $\pm$ 902.919 χ^2/NDF : 10.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -814.525 $\pm$ 850.414 χ^2/NDF : 4.5/6

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

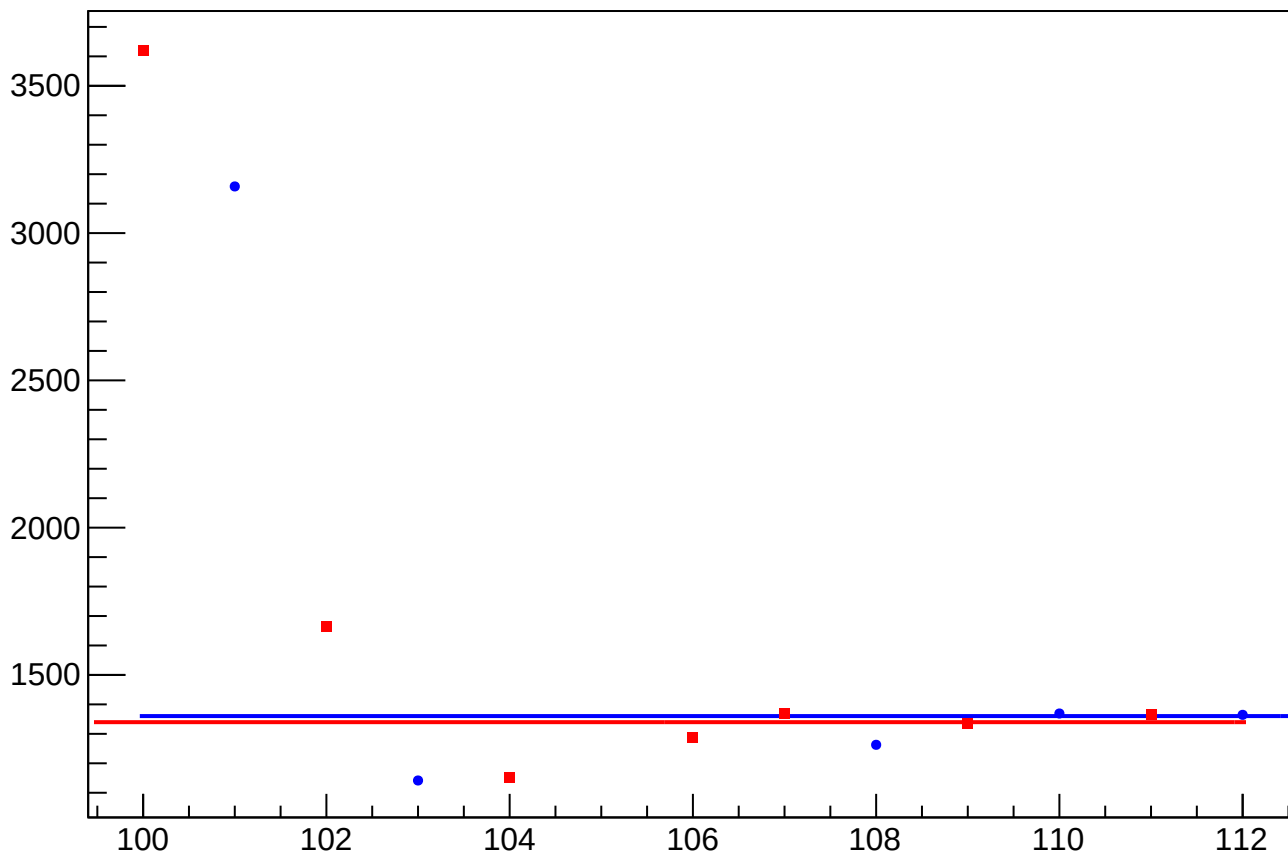
Right: -1097.440 $\pm$ 619.063 χ^2/NDF : 15.1/11

In: -1416.367 $\pm$ 902.919 χ^2/NDF : 10.3/4

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -1097.440 $\pm$ 619.063 χ^2/NDF : 15.1/11

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1360.316+/-0.638 χ^2/NDF : 472255.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1339.647+/-0.598 χ^2/NDF : 125687.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

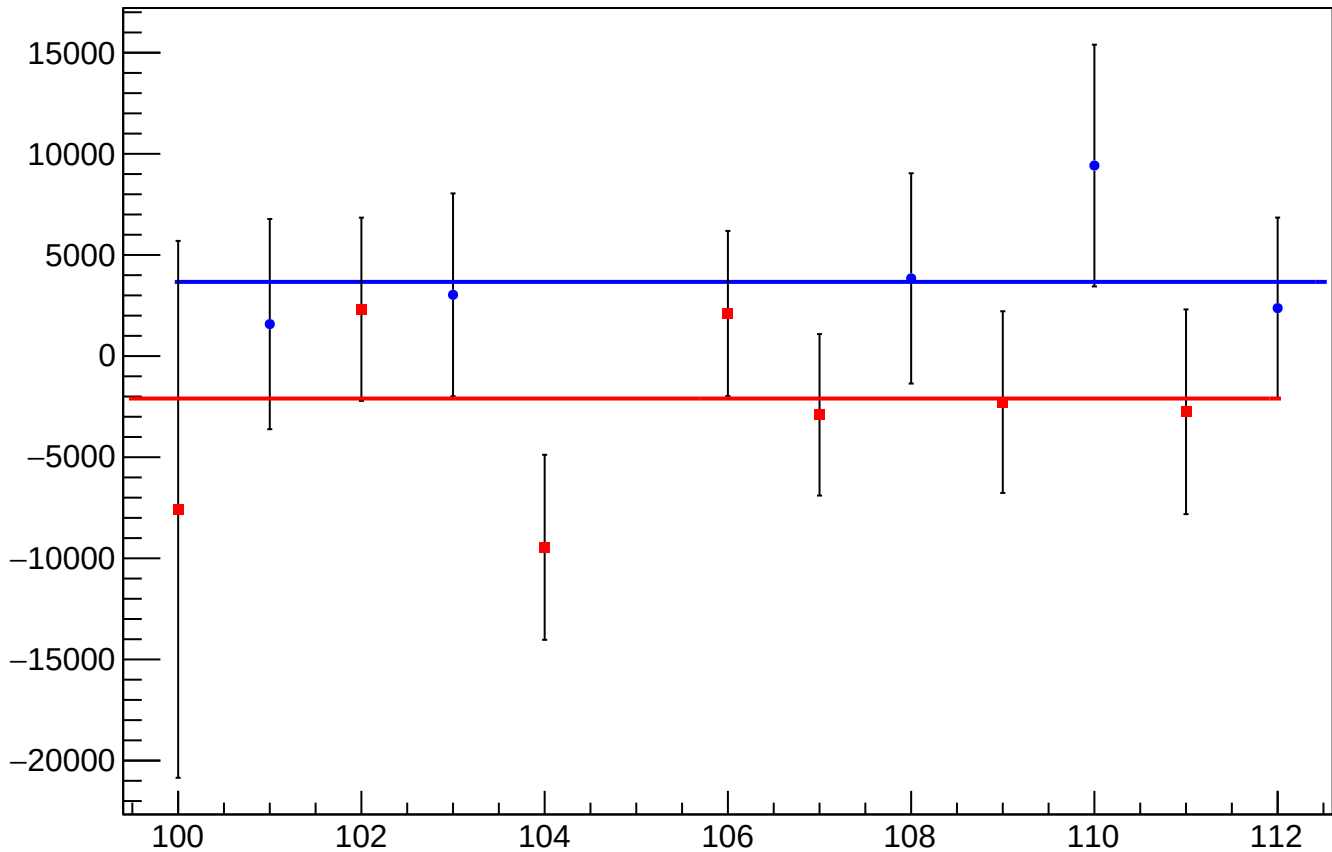
Right: 1349.305+/-0.436 χ^2/NDF : 598501.4/11

In: 1360.316+/-0.638 χ^2/NDF : 472255.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1349.305+/-0.436 χ^2/NDF : 598501.4/11

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 3668.066+/-2284.100 χ^2/NDF : 1.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2098.609+/-1785.732 χ^2/NDF : 4.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

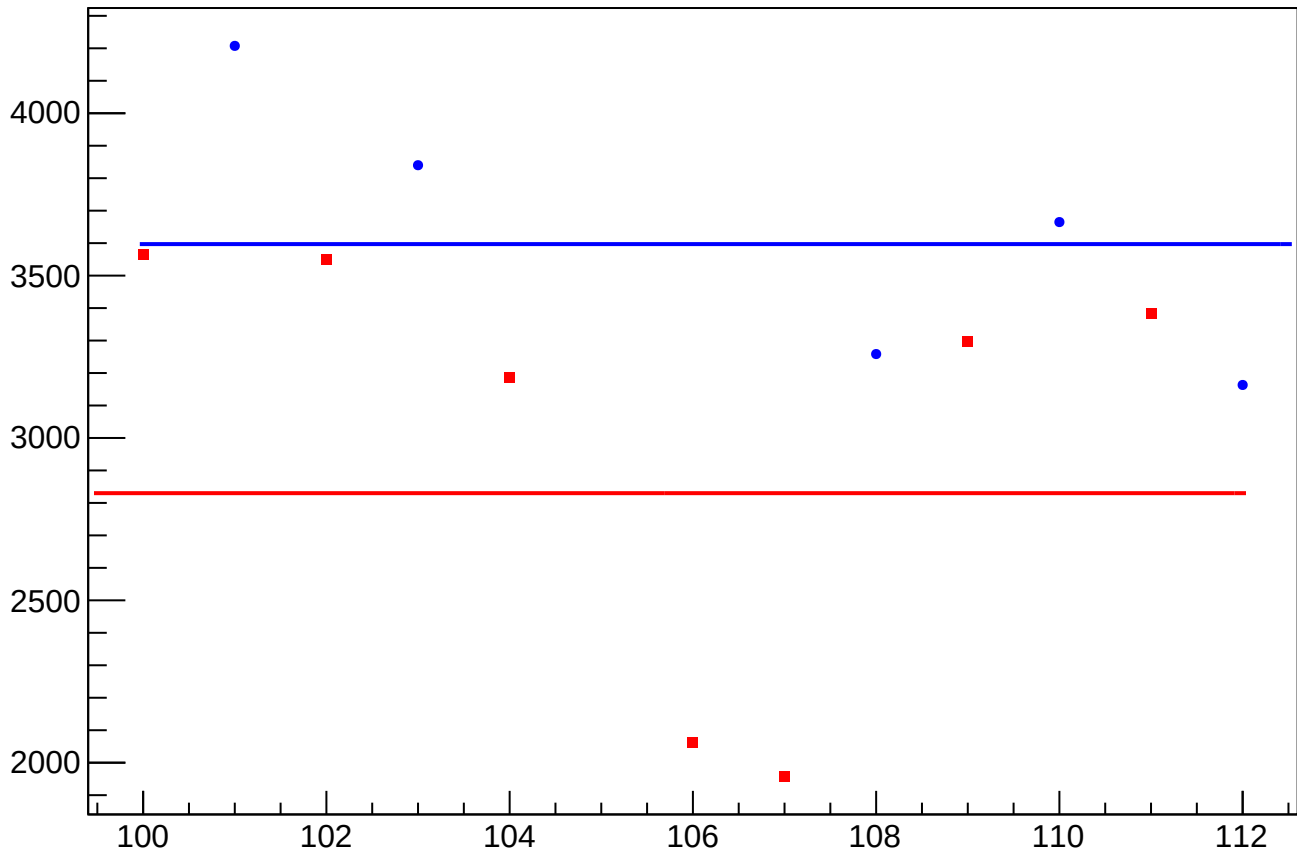
Right: 89.008+/-1406.818 χ^2/NDF : 10.0/11

In: 3668.066+/-2284.100 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.008+/-1406.818 χ^2/NDF : 10.0/11

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3597.041+/-1.615 χ^2/NDF : 59803.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2830.030+/-1.263 χ^2/NDF : 281063.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

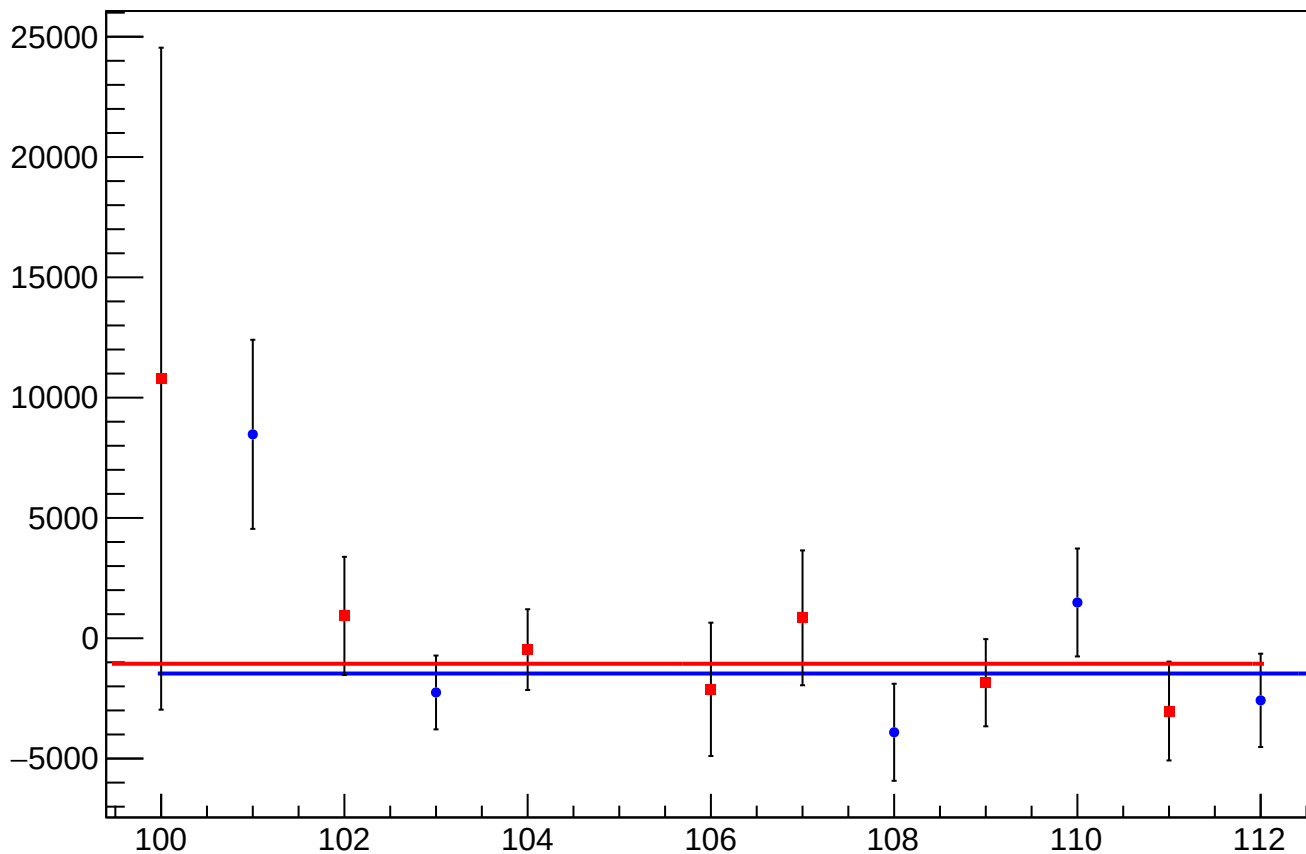
Right: 3121.000+/-0.995 χ^2/NDF : 480840.2/11

In: 3597.041+/-1.615 χ^2/NDF : 59803.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3121.000+/-0.995 χ^2/NDF : 480840.2/11

dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -1466.101+/-912.879 χ^2/NDF : 10.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1059.957+/-868.507 χ^2/NDF : 3.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

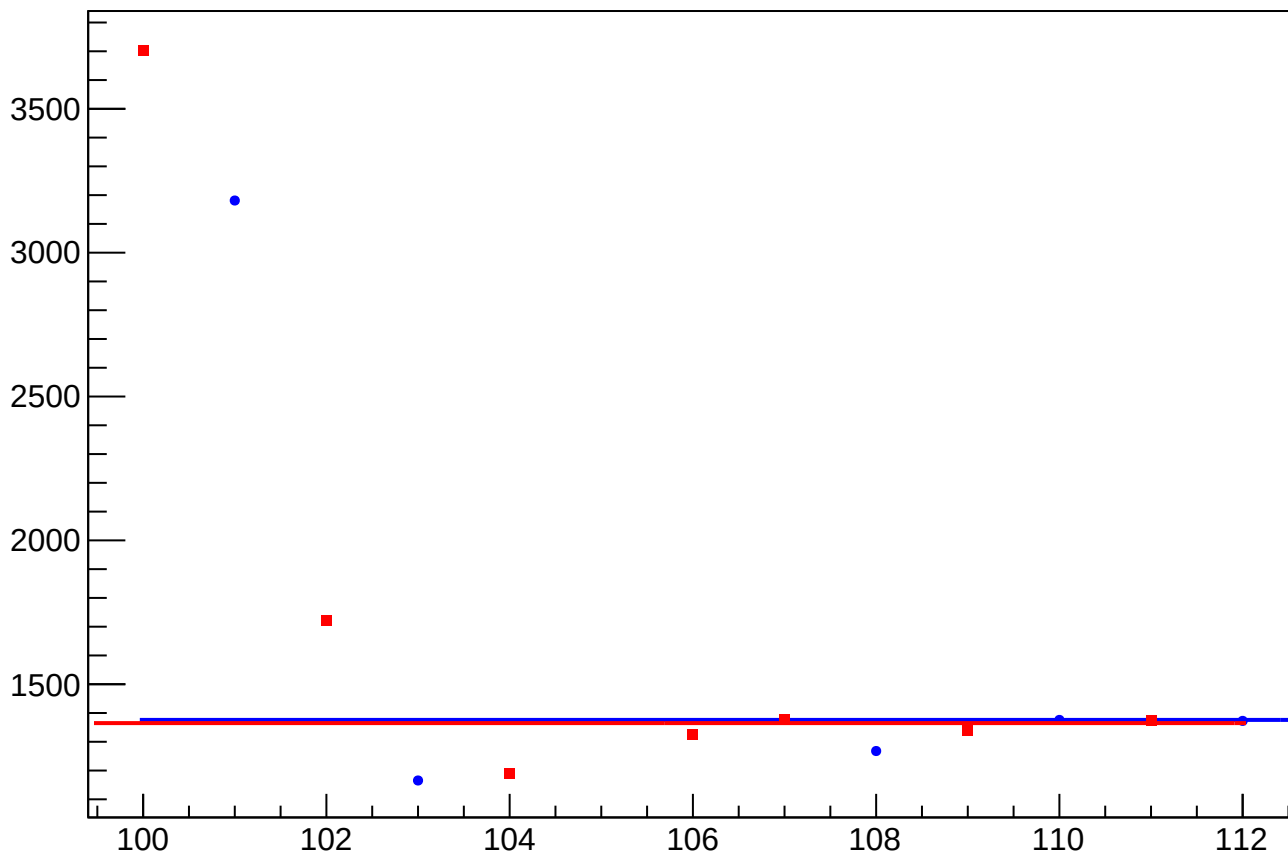
Right: -1252.919+/-629.229 χ^2/NDF : 13.5/11

In: -1466.101+/-912.879 χ^2/NDF : 10.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1252.919+/-629.229 χ^2/NDF : 13.5/11

dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1375.999+/-0.646 χ^2/NDF : 465624.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1364.880+/-0.613 χ^2/NDF : 122467.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

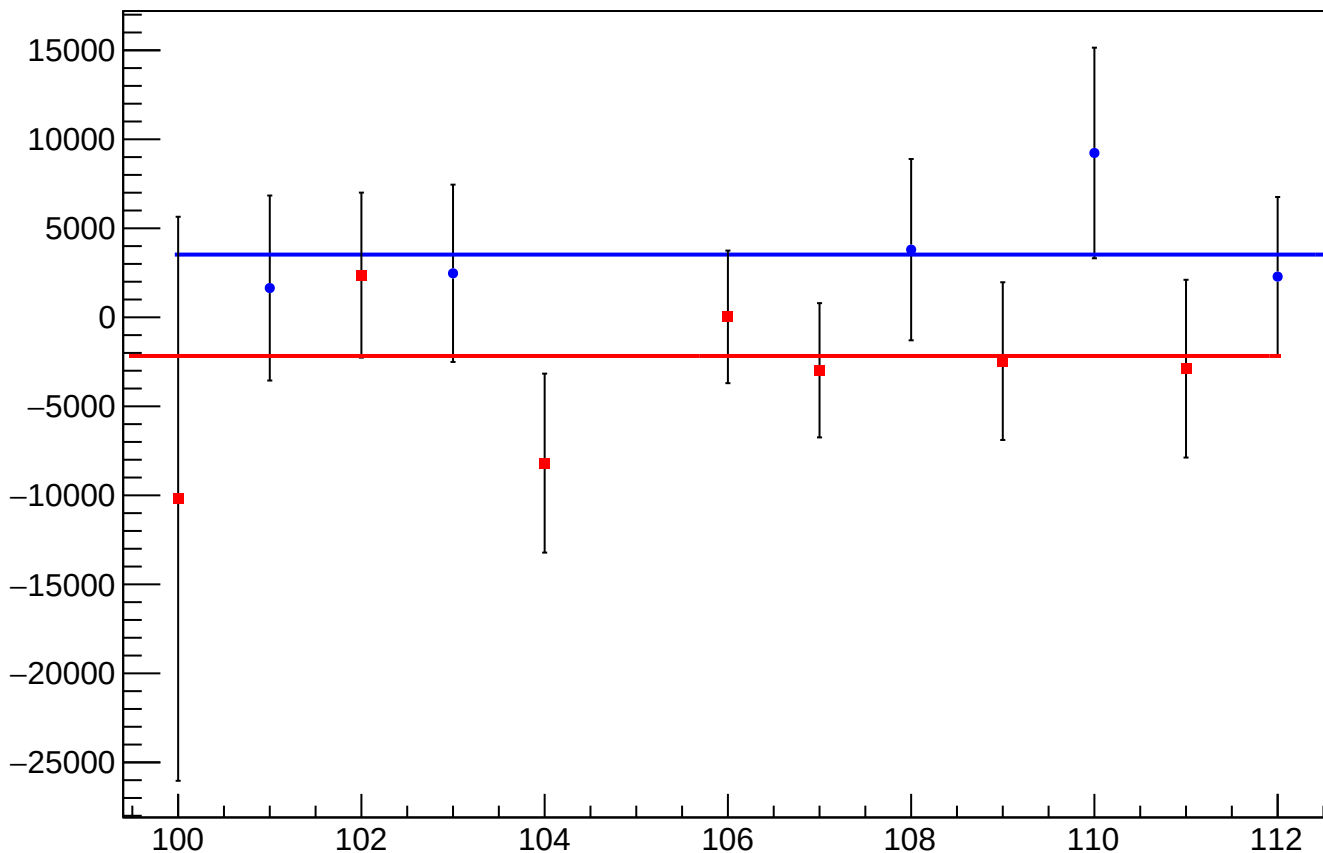
Right: 1370.150+/-0.444 χ^2/NDF : 588248.2/11

In: 1375.999+/-0.646 χ^2/NDF : 465624.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1370.150+/-0.444 χ^2/NDF : 588248.2/11

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 3523.630+/-2267.241 χ^2/NDF : 1.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2171.457+/-1757.715 χ^2/NDF : 3.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

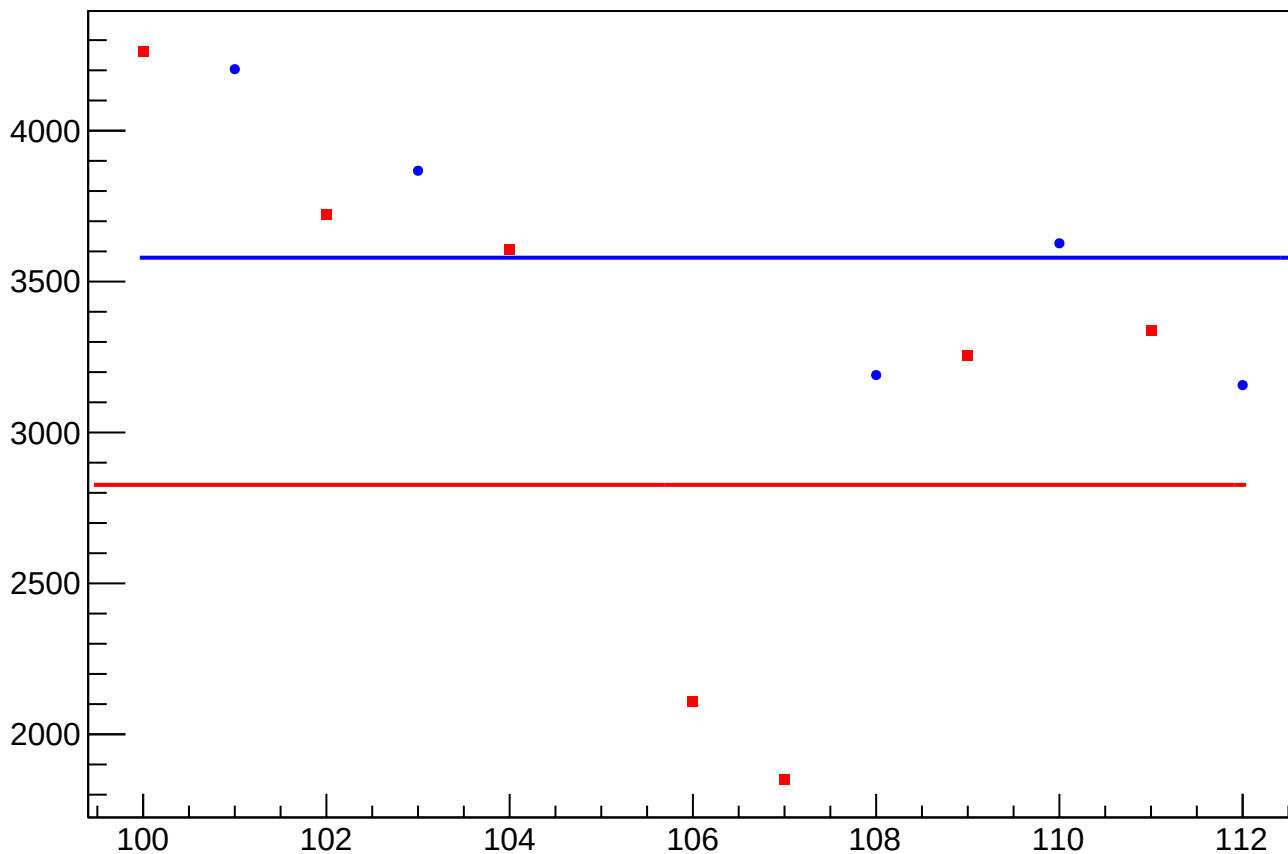
Right: -33.493+/-1389.146 χ^2/NDF : 8.2/11

In: 3523.630+/-2267.241 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.493+/-1389.146 χ^2/NDF : 8.2/11

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3579.136+/-1.603 χ^2/NDF : 65221.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2826.434+/-1.243 χ^2/NDF : 388011.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

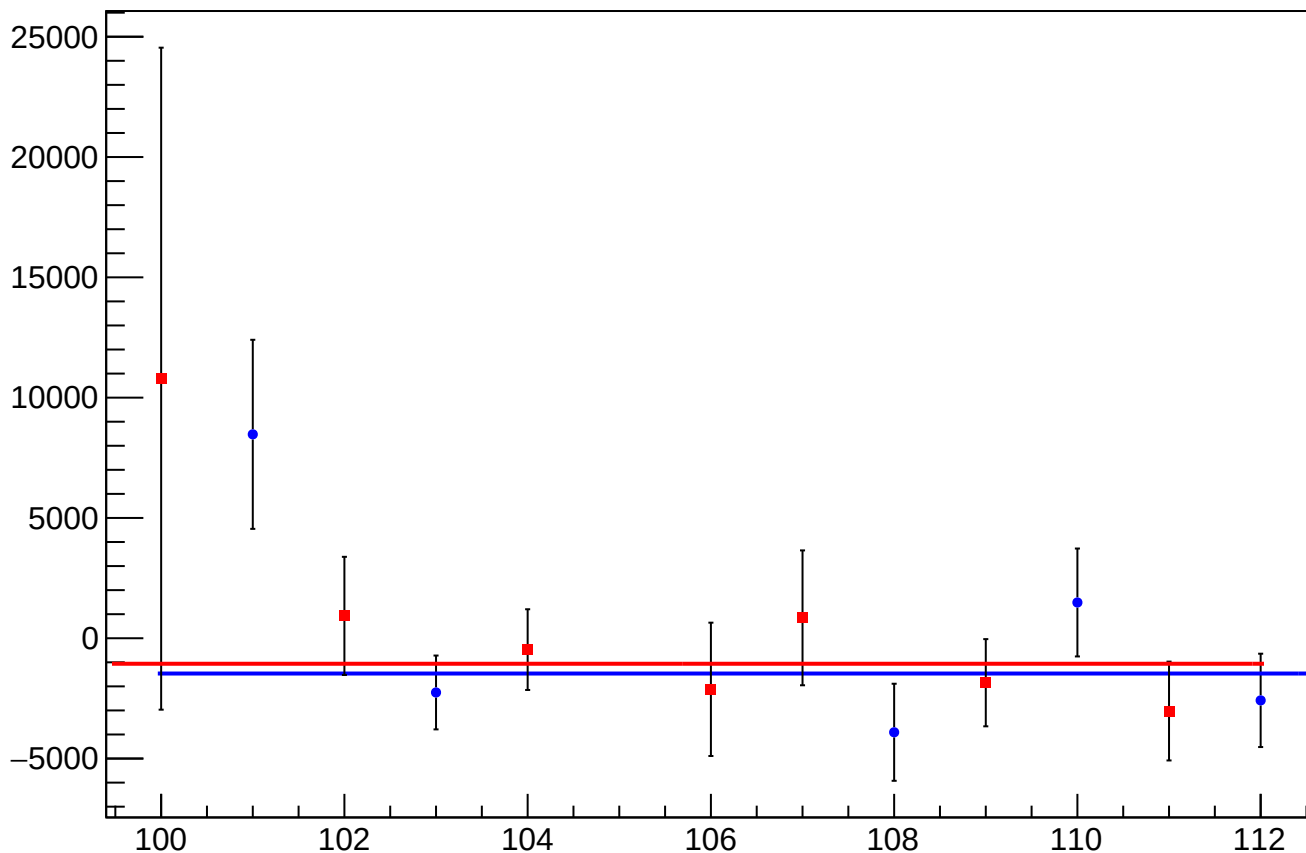
Right: 3109.002+/-0.982 χ^2/NDF : 590915.3/11

In: 3579.136+/-1.603 χ^2/NDF : 65221.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3109.002+/-0.982 χ^2/NDF : 590915.3/11

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -1466.108+/-912.879 χ^2/NDF : 10.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1059.963+/-868.507 χ^2/NDF : 3.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

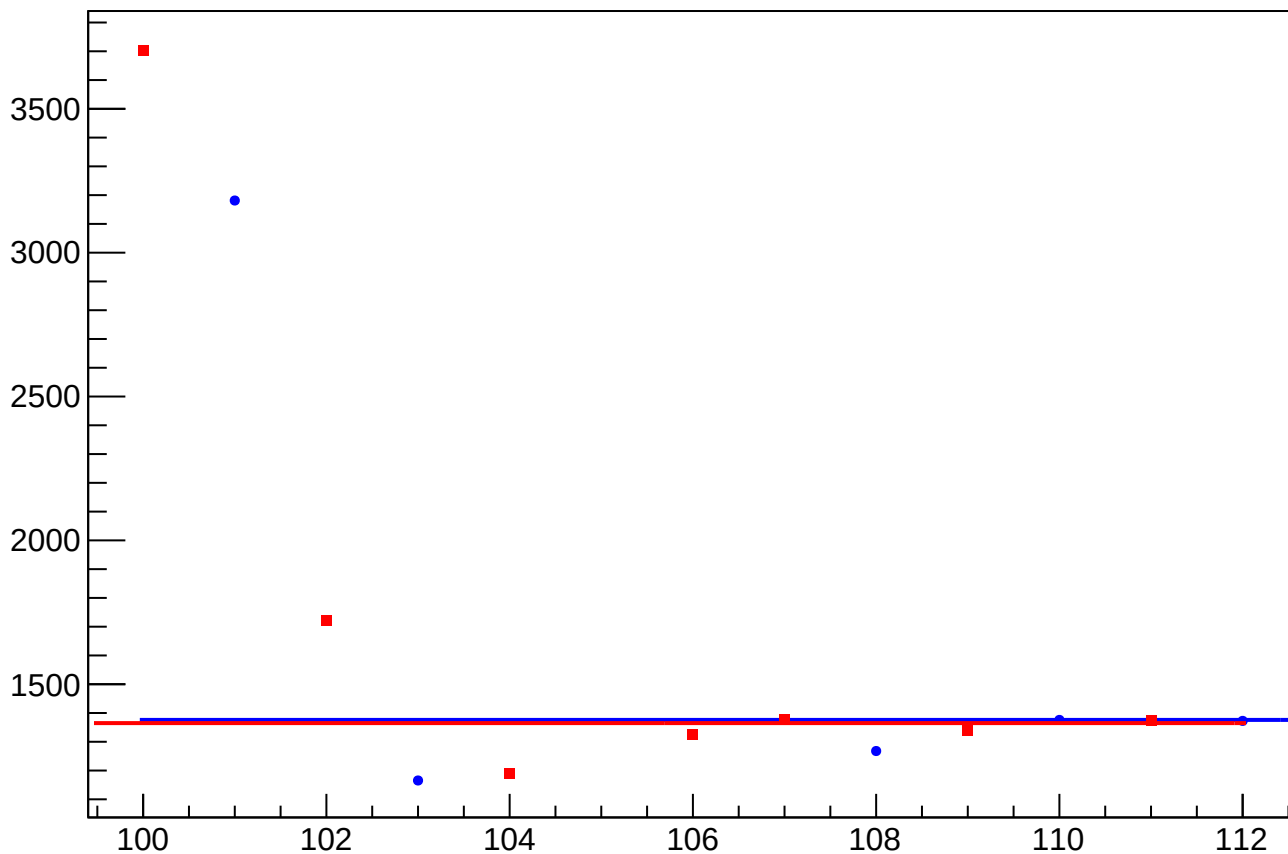
Right: -1252.925+/-629.229 χ^2/NDF : 13.5/11

In: -1466.108+/-912.879 χ^2/NDF : 10.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1252.925+/-629.229 χ^2/NDF : 13.5/11

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1375.999+/-0.646 χ^2/NDF : 465624.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1364.881+/-0.613 χ^2/NDF : 122467.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

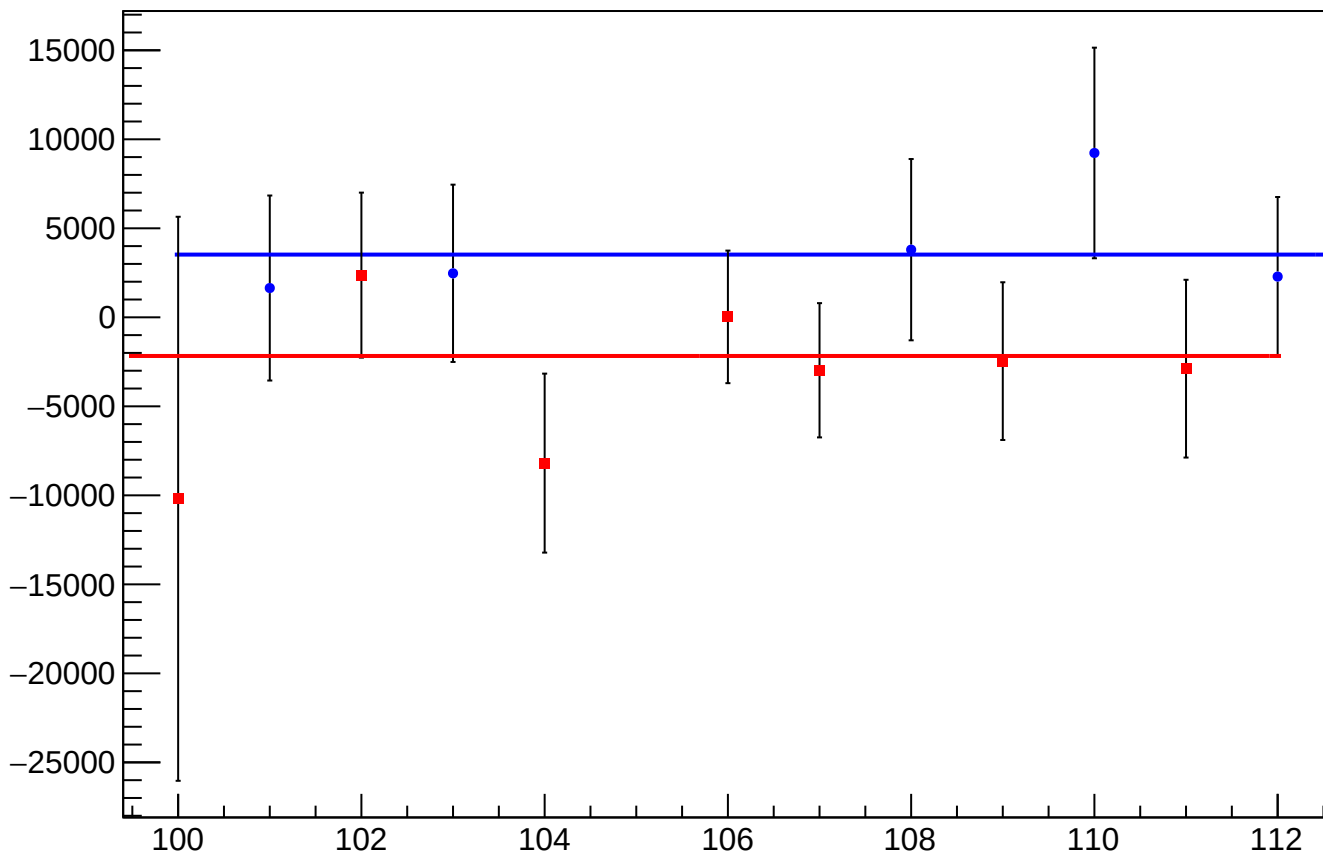
Right: 1370.150+/-0.444 χ^2/NDF : 588248.3/11

In: 1375.999+/-0.646 χ^2/NDF : 465624.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1370.150+/-0.444 χ^2/NDF : 588248.3/11

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 3523.628+/-2267.238 χ^2/NDF : 1.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2171.462+/-1757.712 χ^2/NDF : 3.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

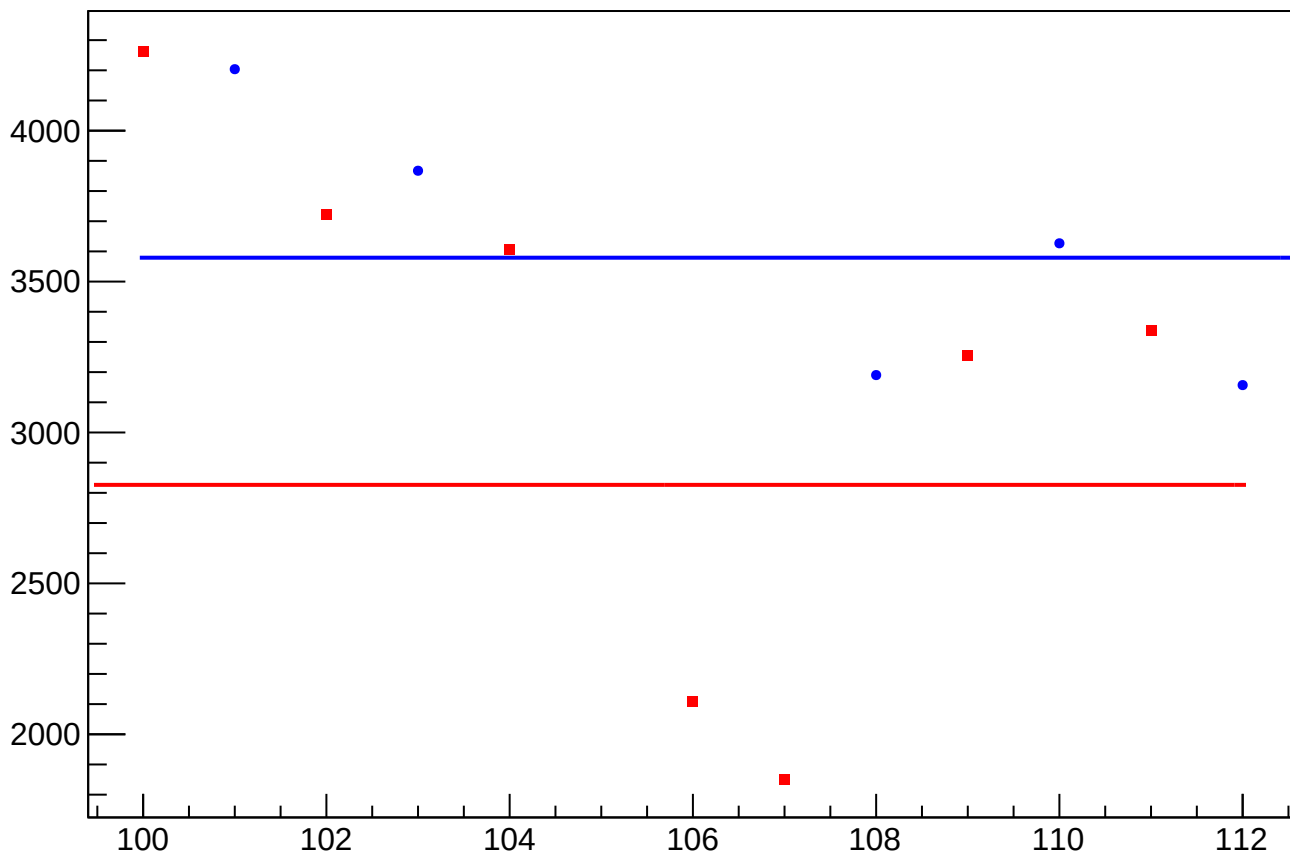
Right: -33.498+/-1389.143 χ^2/NDF : 8.2/11

In: 3523.628+/-2267.238 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.498+/-1389.143 χ^2/NDF : 8.2/11

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3579.131+/-1.603 χ^2/NDF : 65222.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2826.429+/-1.243 χ^2/NDF : 388014.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

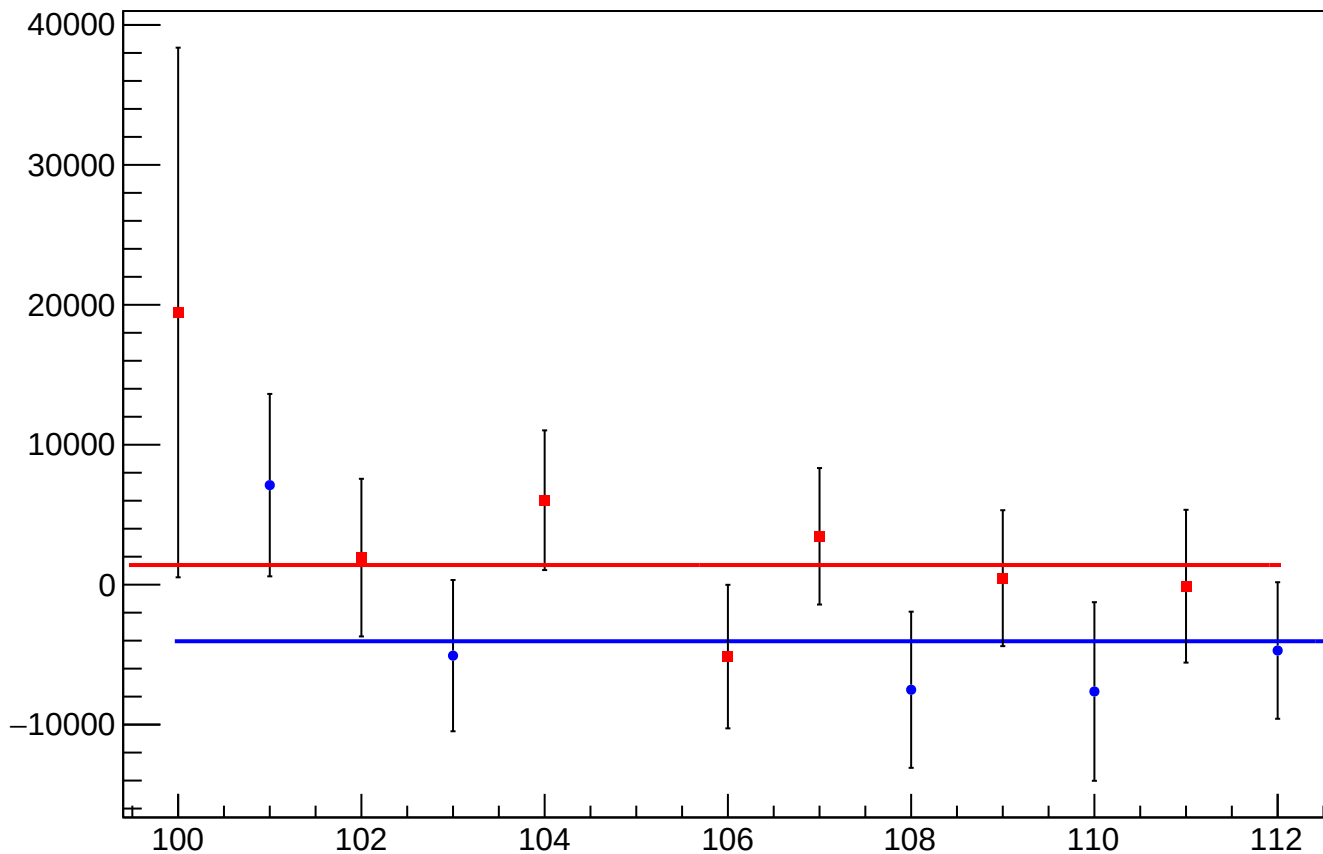
Right: 3108.997+/-0.982 χ^2/NDF : 590919.4/11

In: 3579.131+/-1.603 χ^2/NDF : 65222.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3108.997+/-0.982 χ^2/NDF : 590919.4/11

asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -4042.931+/-2528.329 χ^2/NDF : 3.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1403.613+/-2083.182 χ^2/NDF : 3.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

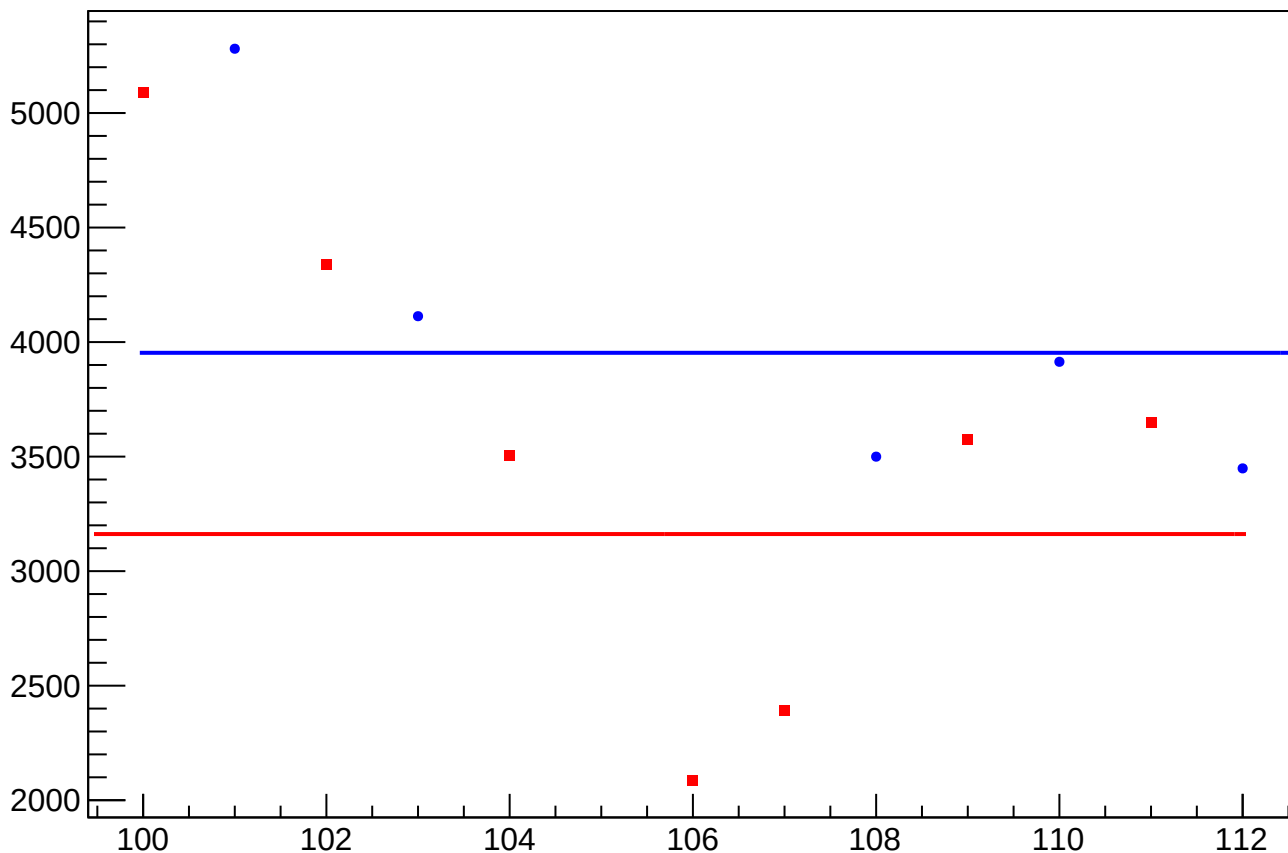
Right: -798.761+/-1607.750 χ^2/NDF : 10.1/11

In: -4042.931+/-2528.329 χ^2/NDF : 3.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -798.761+/-1607.750 χ^2/NDF : 10.1/11

asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 3953.175+/-1.788 χ^2/NDF : 119376.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3161.942+/-1.426 χ^2/NDF : 320884.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

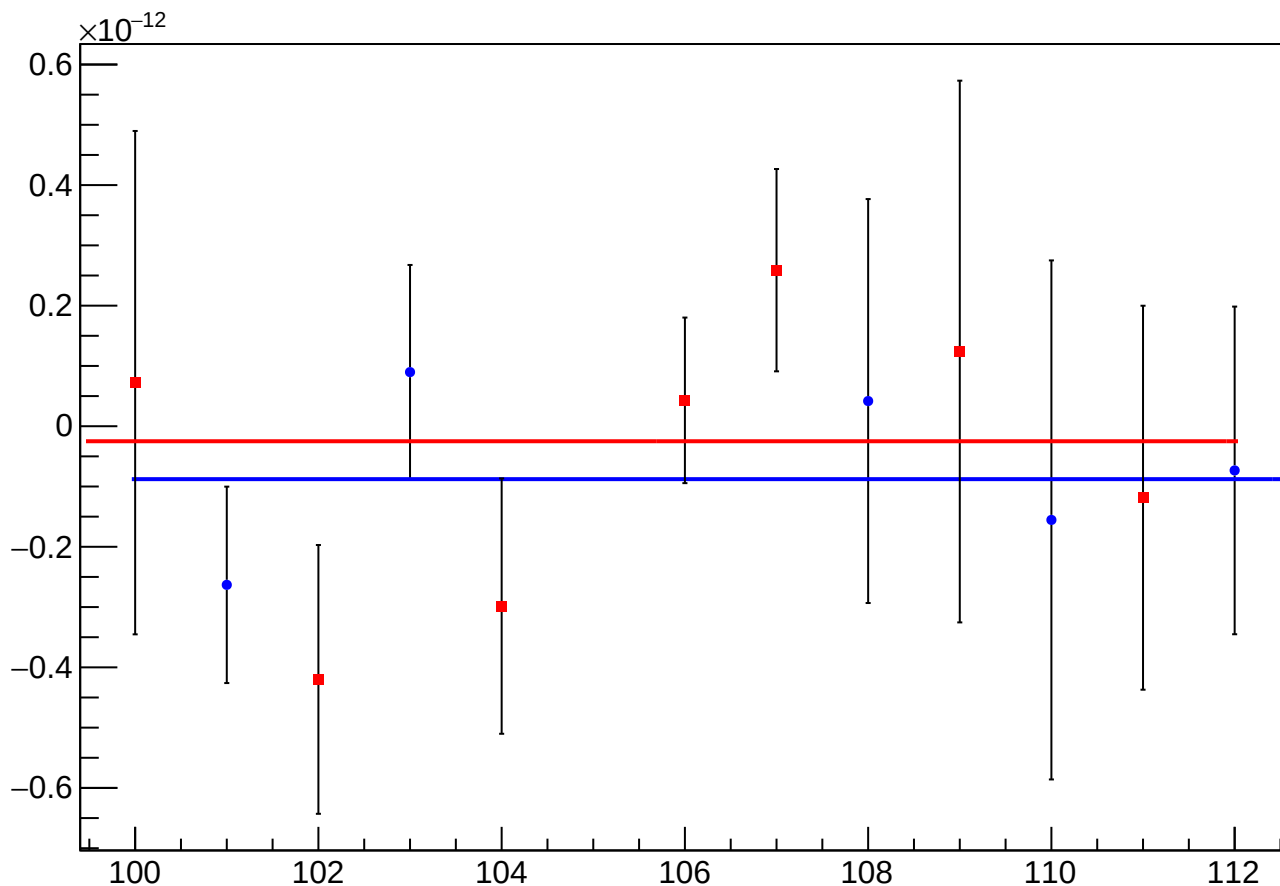
Right: 3469.501+/-1.115 χ^2/NDF : 560002.1/11

In: 3953.175+/-1.788 χ^2/NDF : 119376.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3469.501+/-1.115 χ^2/NDF : 560002.1/11

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

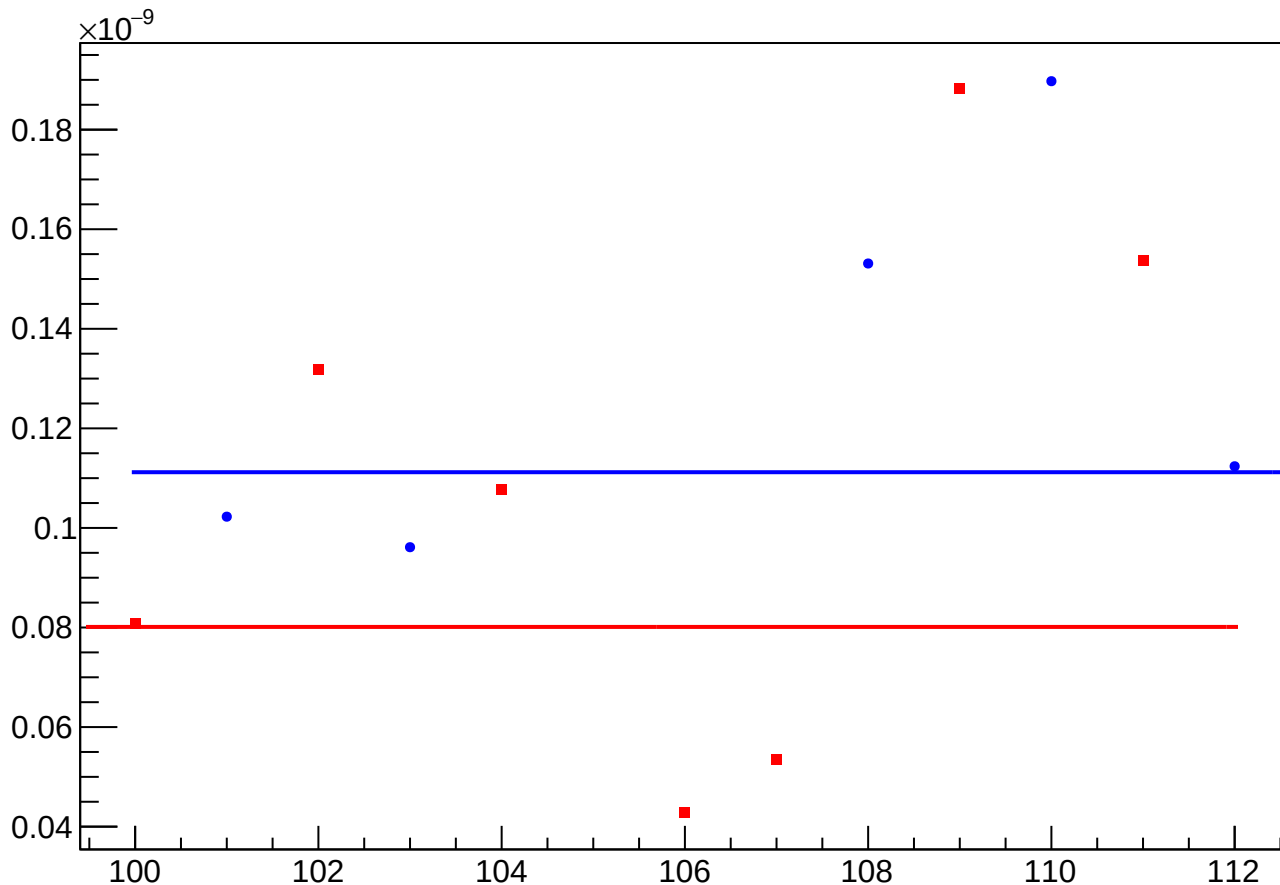
Right: -0.000+/-0.000 χ^2/NDF : 10.7/11

In: -0.000+/-0.000 χ^2/NDF : 2.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.7/11

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_slug_Sign_Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 118302.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 561669.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

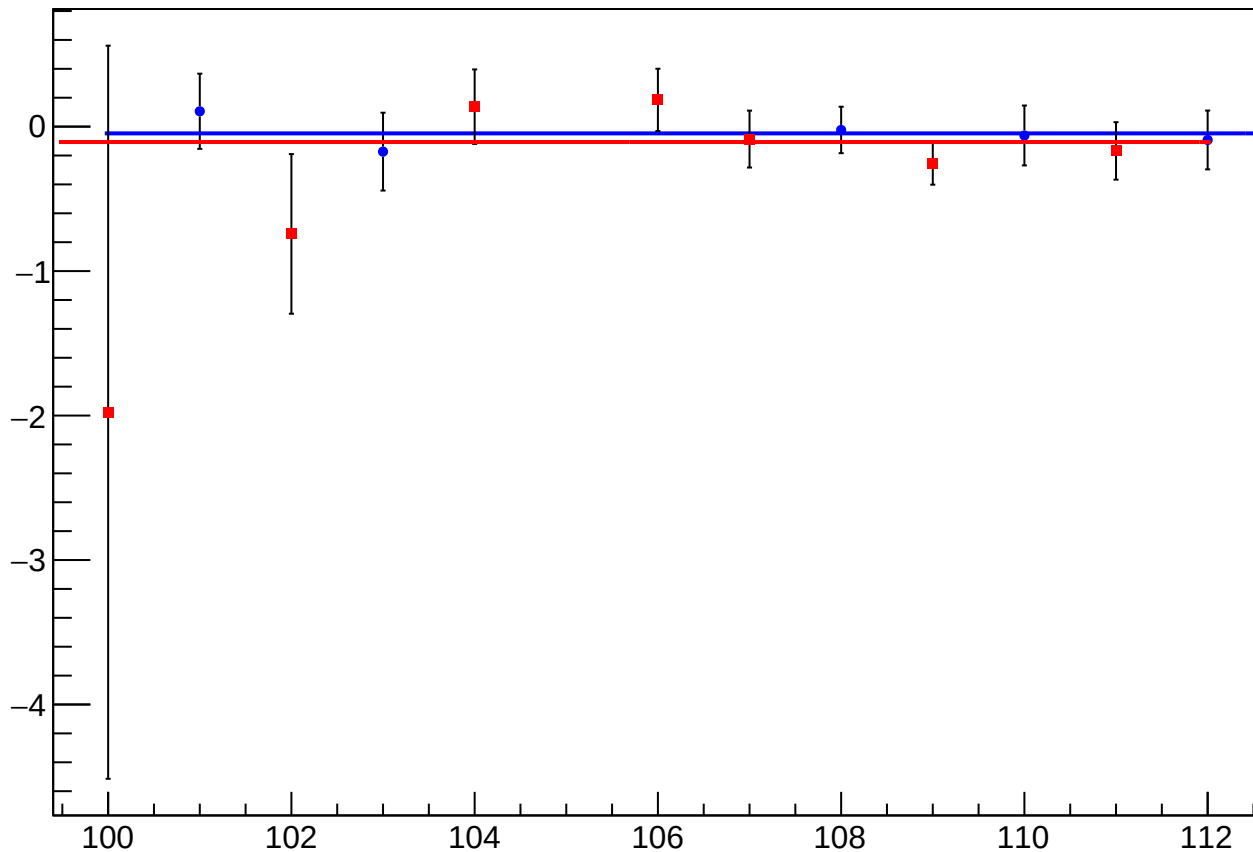
Right: 0.000+/-0.000 χ^2/NDF : 794321.9/11

In: 0.000+/-0.000 χ^2/NDF : 118302.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 794321.9/11

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.047+/-0.093 χ^2 /NDF: 0.6/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.107+/-0.086 χ^2 /NDF: 5.7/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

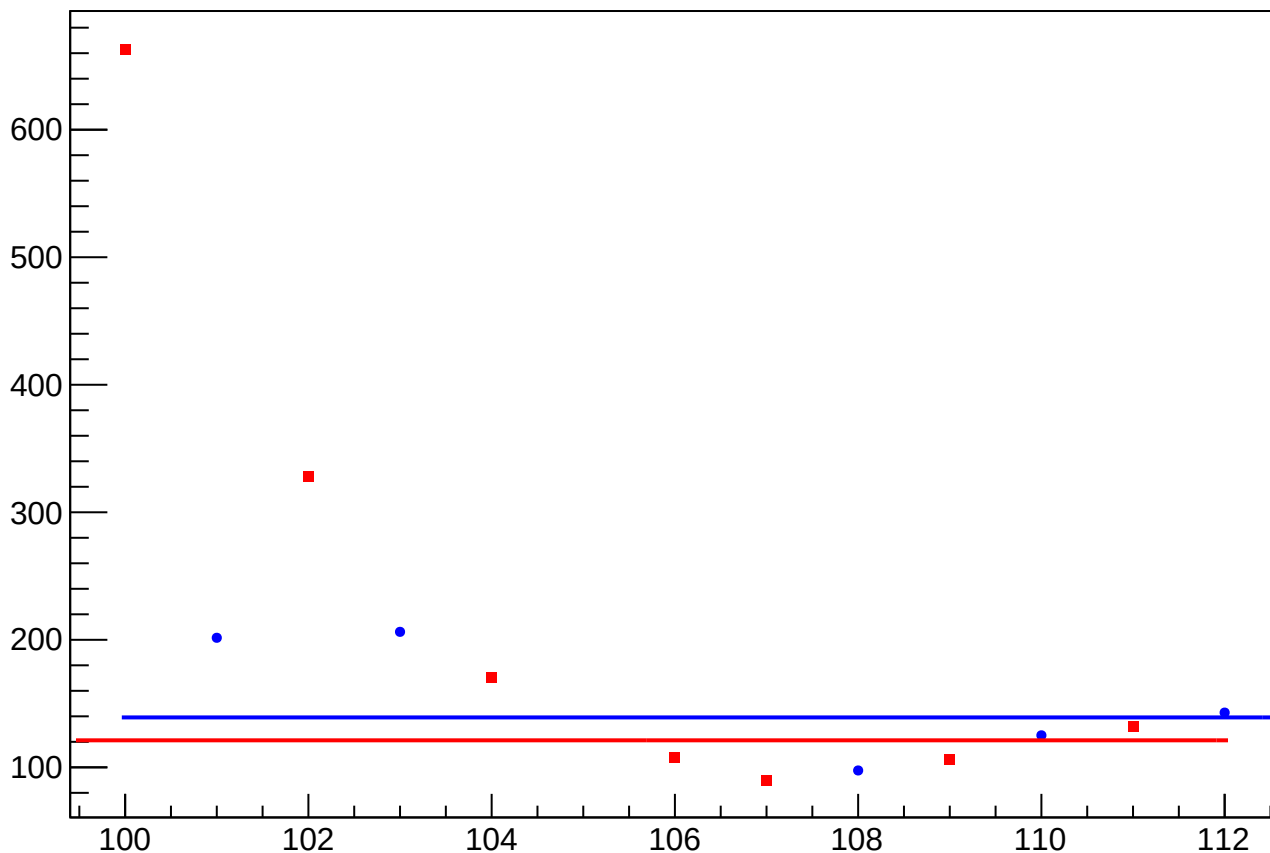
Right: -0.079+/-0.063 χ^2 /NDF: 6.5/11

In: -0.047+/-0.093 χ^2 /NDF:0.6/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.079+/-0.063 χ^2 /NDF: 6.5/11

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.147+/-0.066 χ^2/NDF : 383175.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.185+/-0.061 χ^2/NDF : 530053.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

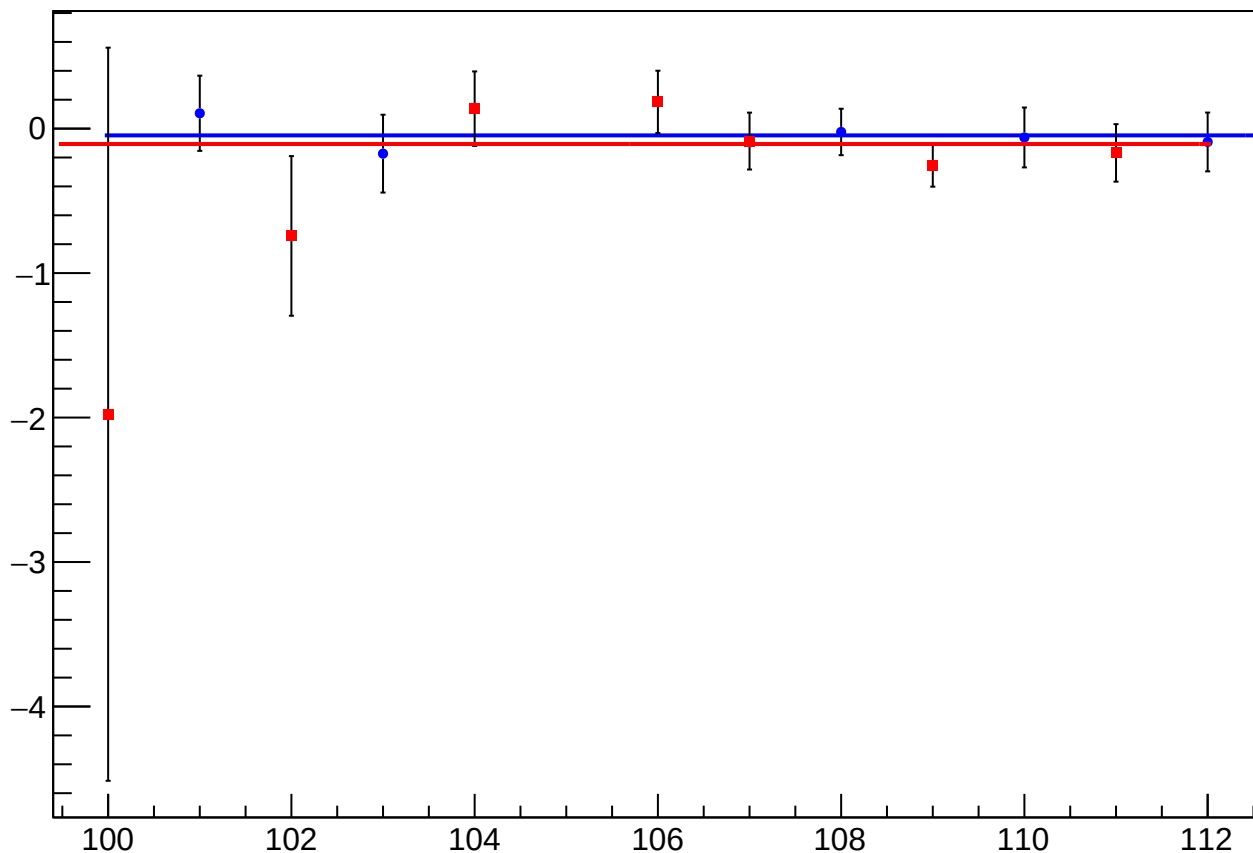
Right: 129.406+/-0.045 χ^2/NDF : 953370.4/11

In: 139.147+/-0.066 χ^2/NDF : 383175.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.406+/-0.045 χ^2/NDF : 953370.4/11

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.047 ± 0.093 χ^2/NDF : 0.6/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.107 ± 0.086 χ^2/NDF : 5.7/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

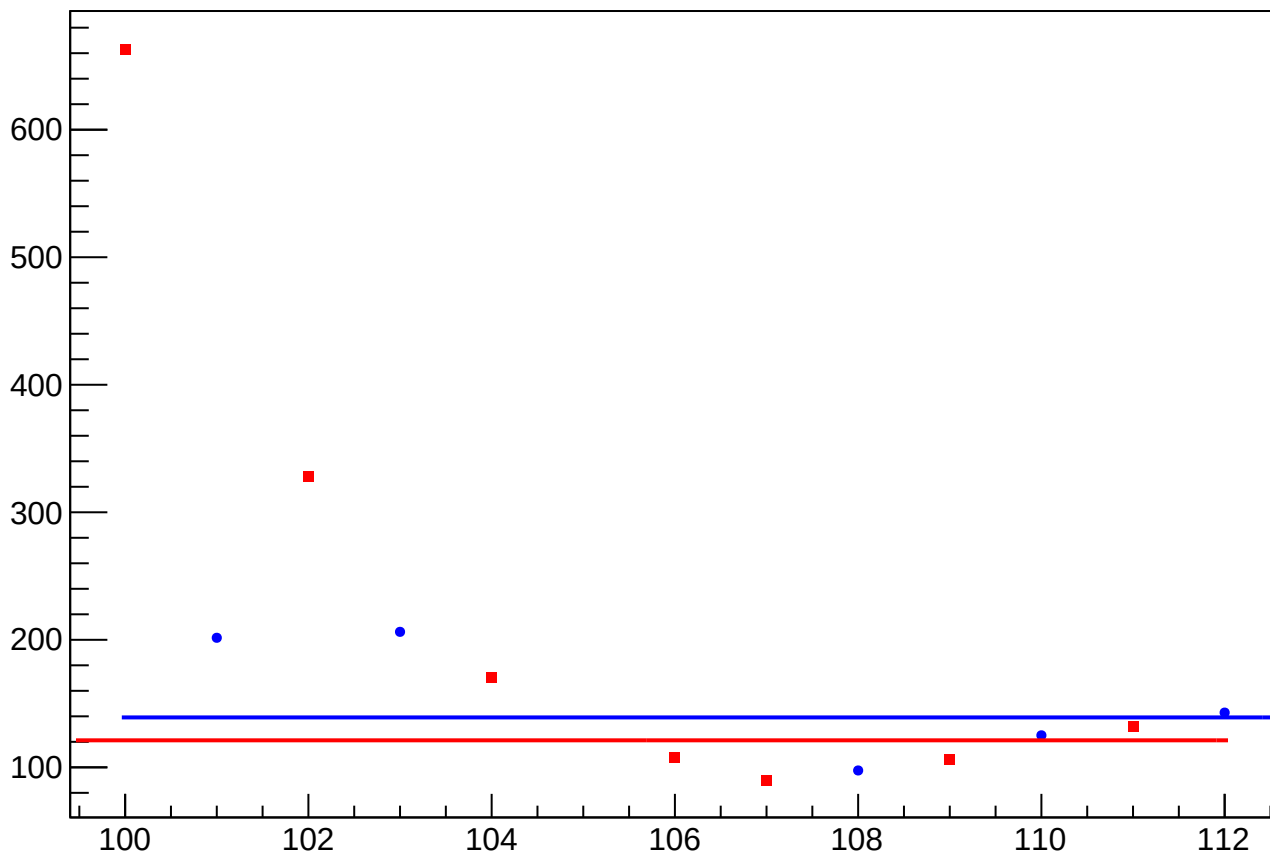
Right: -0.079 ± 0.063 χ^2/NDF : 6.5/11

In: -0.047 ± 0.093 χ^2/NDF : 0.6/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.079 ± 0.063 χ^2/NDF : 6.5/11

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.147+/-0.066 χ^2/NDF : 383175.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.185+/-0.061 χ^2/NDF : 530053.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

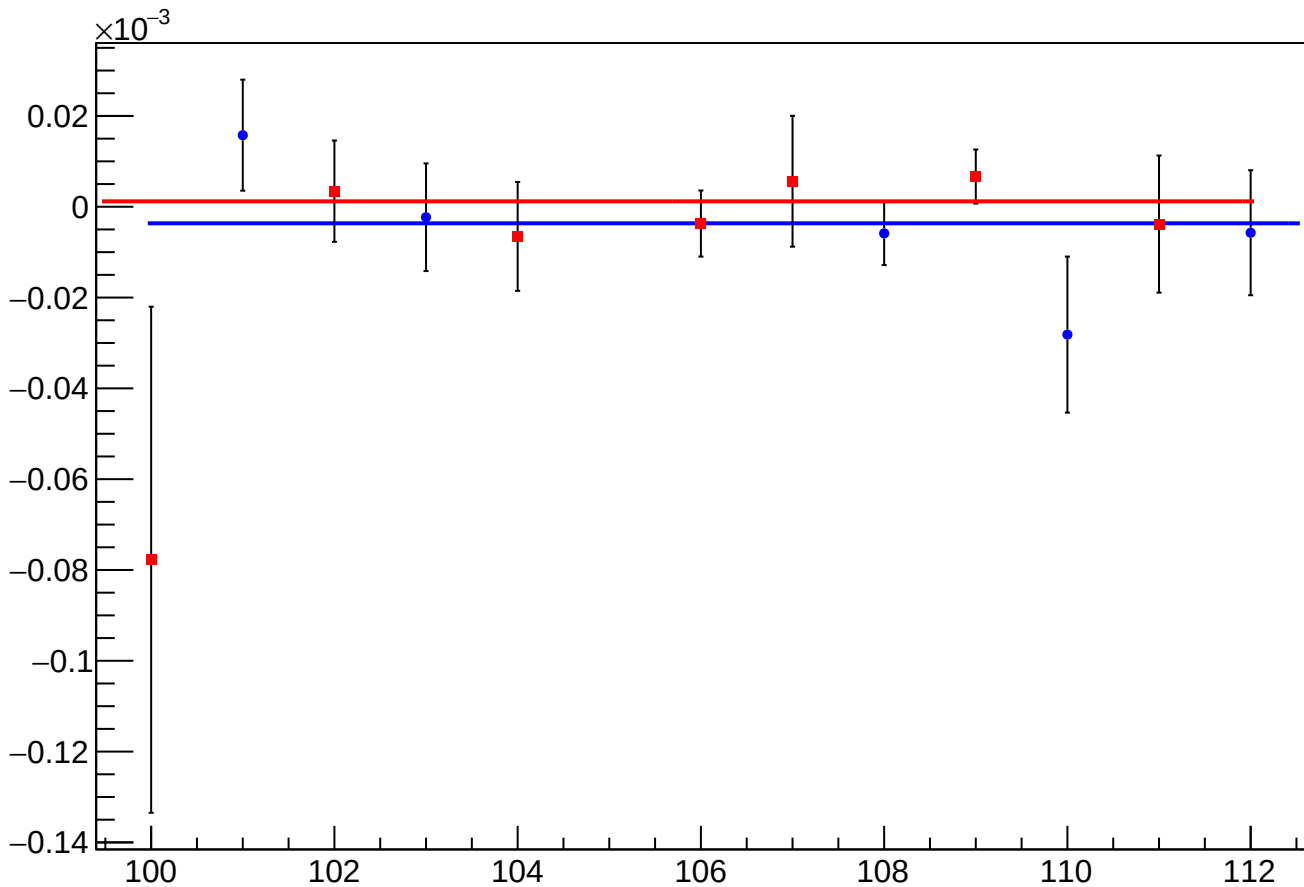
Right: 129.406+/-0.045 χ^2/NDF : 953370.4/11

In: 139.147+/-0.066 χ^2/NDF : 383175.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.406+/-0.045 χ^2/NDF : 953370.4/11

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: 4.7/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 4.0/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

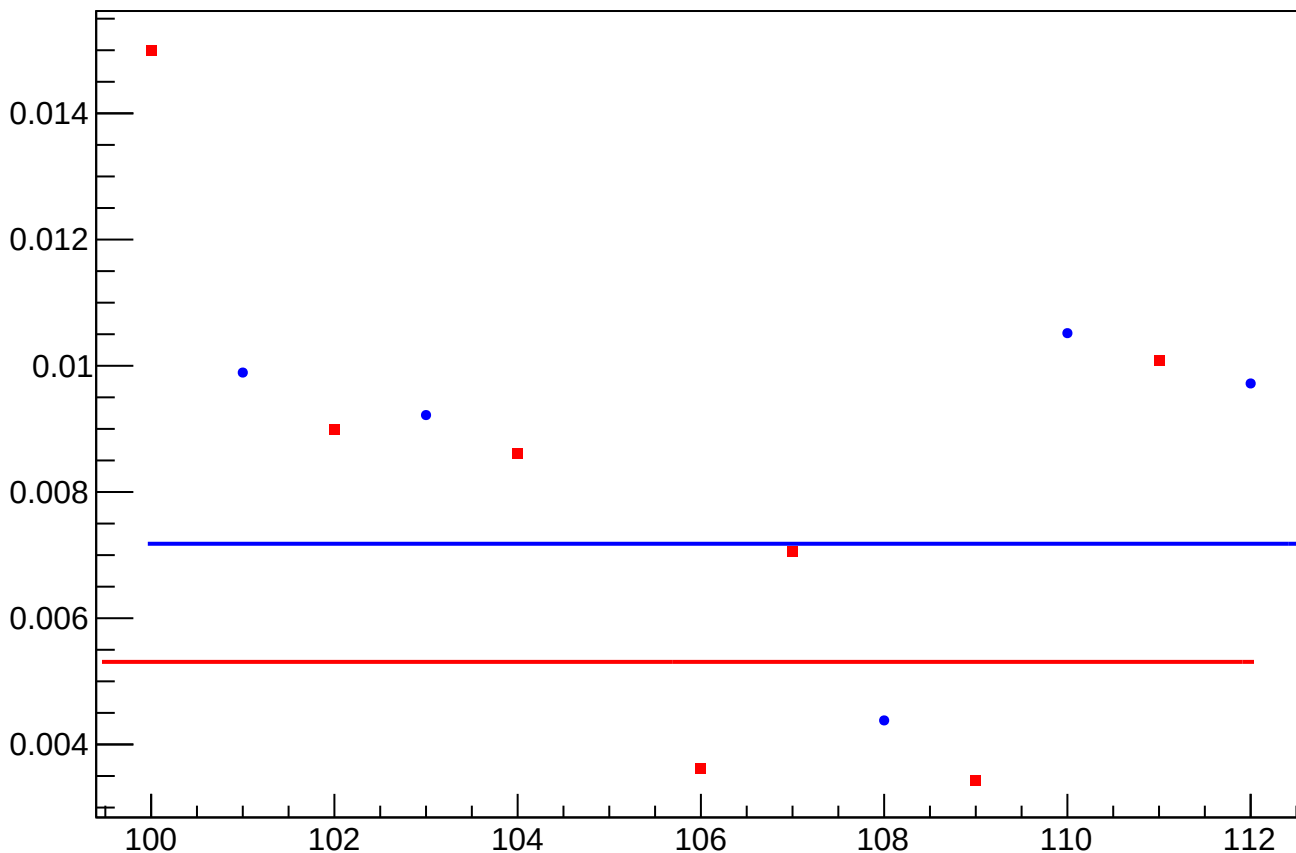
Right: -0.000+/-0.000 χ^2 /NDF: 9.3/11

In: -0.000+/-0.000 χ^2 /NDF:4.7/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 9.3/11

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 622404.3/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 968019.4/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

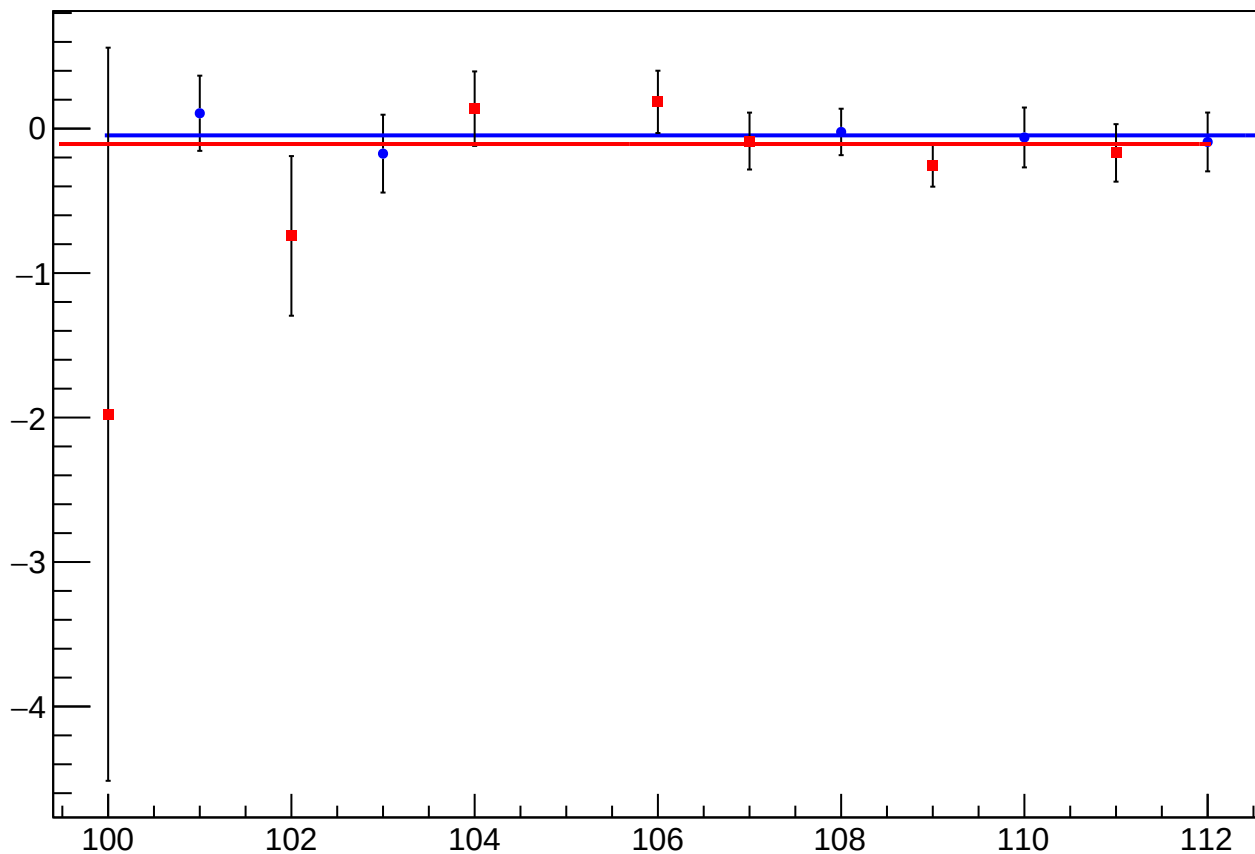
Right: 0.006+/-0.000 χ^2/NDF : 1778591.7/11

In: 0.007+/-0.000 χ^2/NDF :622404.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1778591.7/11

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.047+/-0.093 χ^2 /NDF: 0.6/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.107+/-0.086 χ^2 /NDF: 5.7/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

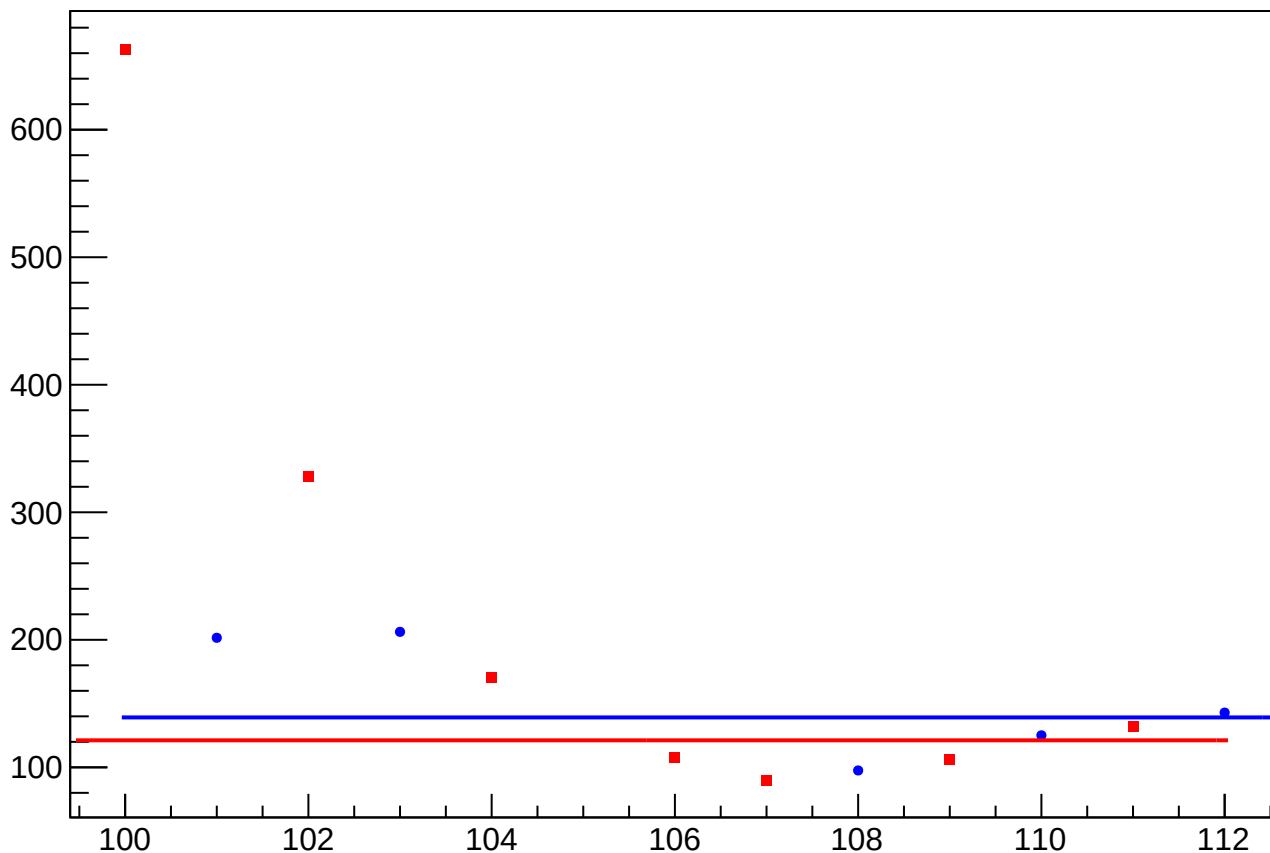
Right: -0.079+/-0.063 χ^2 /NDF: 6.5/11

In: -0.047+/-0.093 χ^2 /NDF:0.6/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.079+/-0.063 χ^2 /NDF: 6.5/11

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.149+/-0.066 χ^2/NDF : 383138.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.188+/-0.061 χ^2/NDF : 530023.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

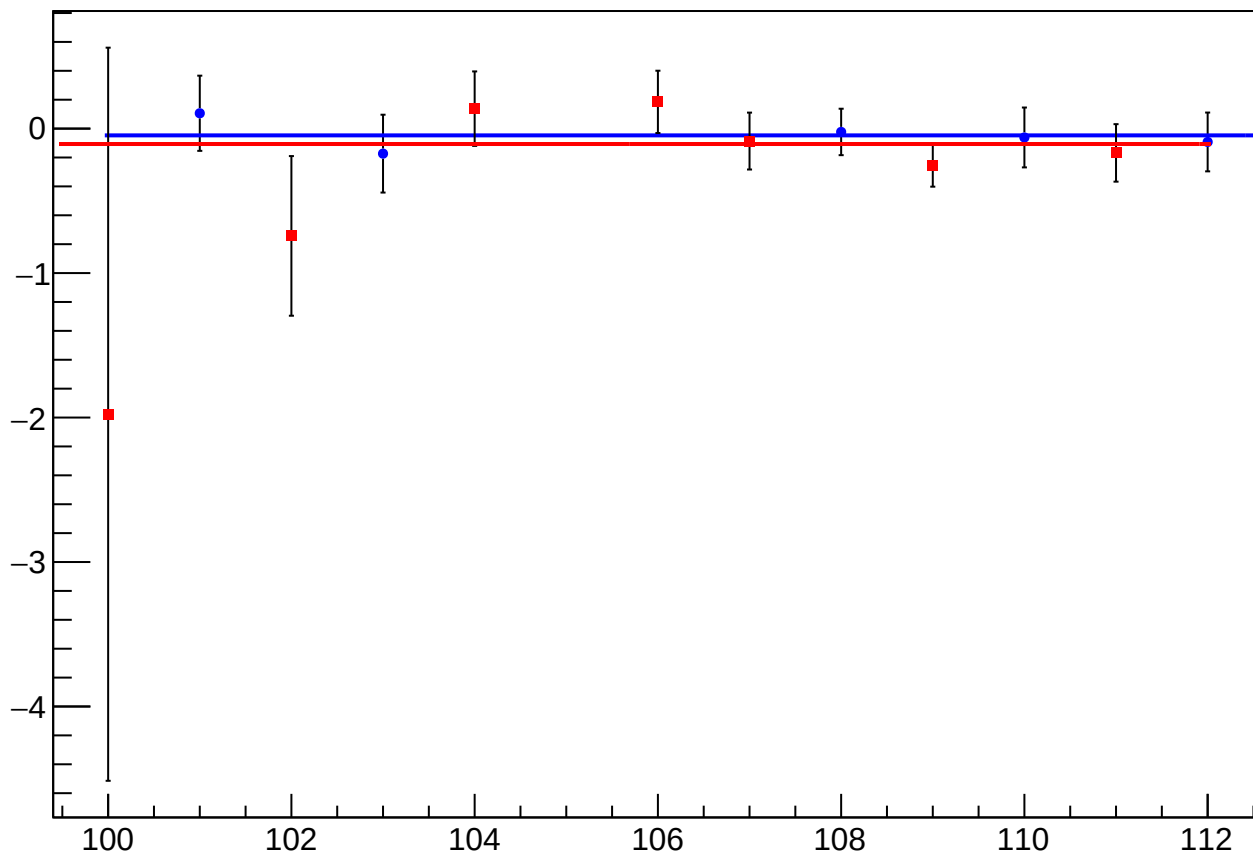
Right: 129.408+/-0.045 χ^2/NDF : 953298.0/11

In: 139.149+/-0.066 χ^2/NDF : 383138.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.408+/-0.045 χ^2/NDF : 953298.0/11

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.047 $\pm$ 0.093 χ^2 /NDF: 0.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.107 $\pm$ 0.086 χ^2 /NDF: 5.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

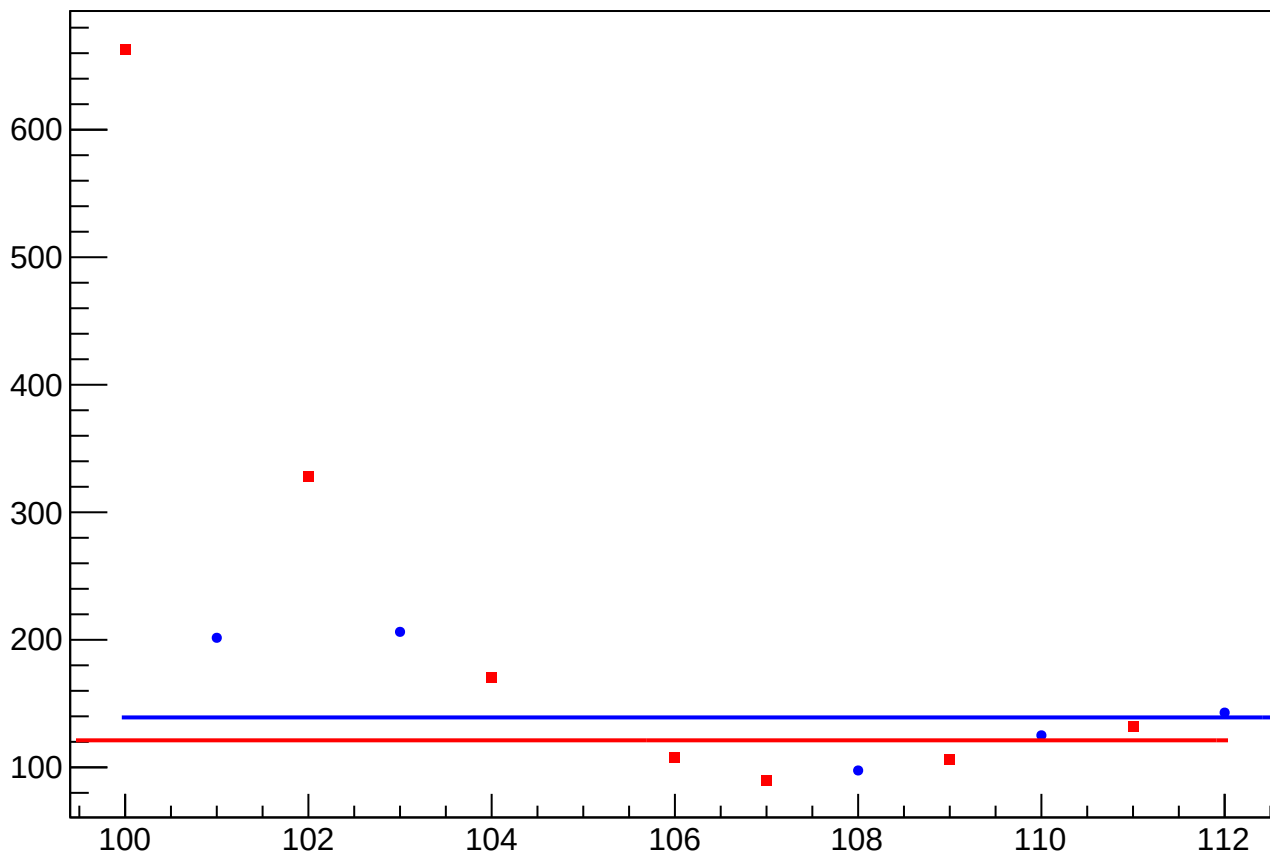
Right: -0.079 $\pm$ 0.063 χ^2 /NDF: 6.5/11

In: -0.047 $\pm$ 0.093 χ^2 /NDF:0.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.079 $\pm$ 0.063 χ^2 /NDF: 6.5/11

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.149+/-0.066 χ^2/NDF : 383138.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.188+/-0.061 χ^2/NDF : 530023.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

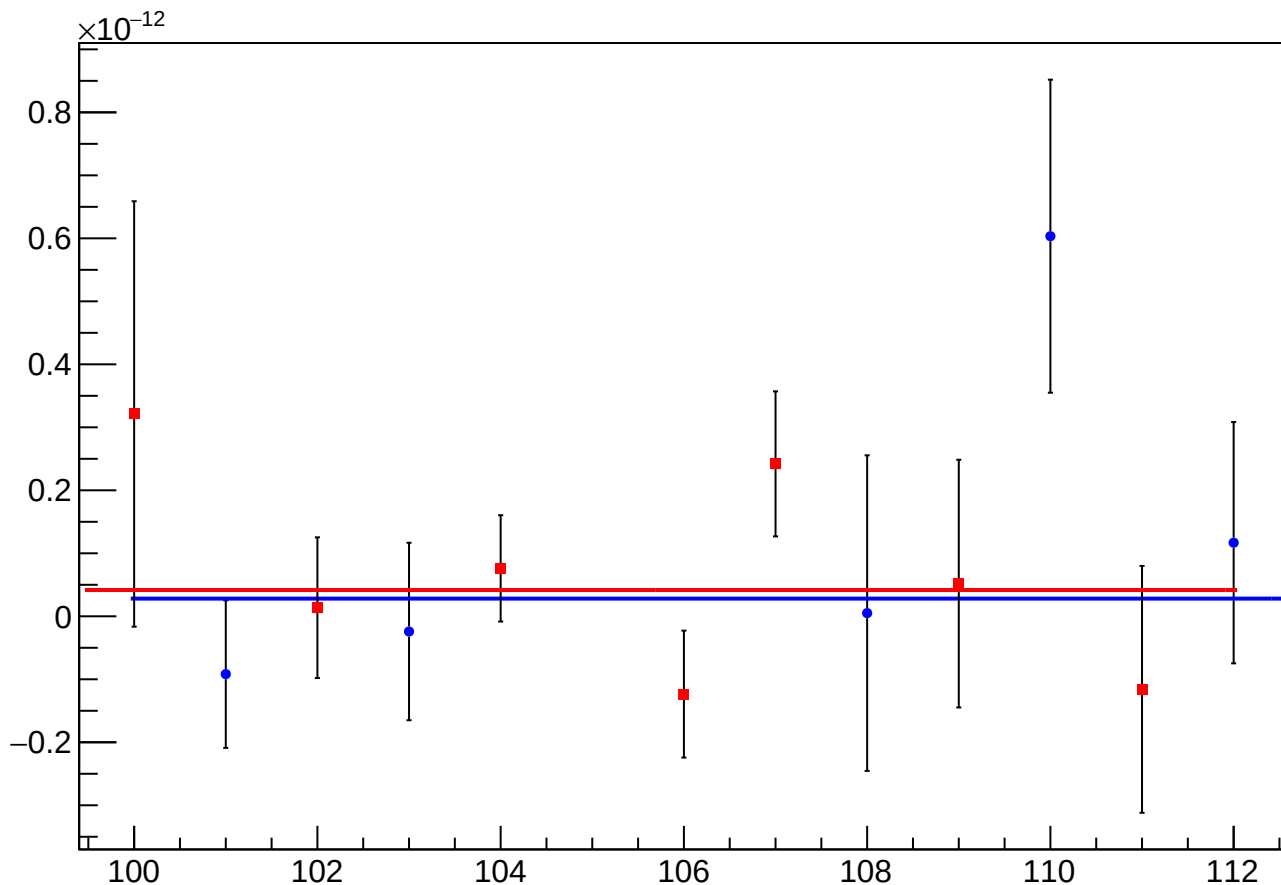
Right: 129.408+/-0.045 χ^2/NDF : 953298.0/11

In: 139.149+/-0.066 χ^2/NDF : 383138.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.408+/-0.045 χ^2/NDF : 953298.0/11

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 : 6.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

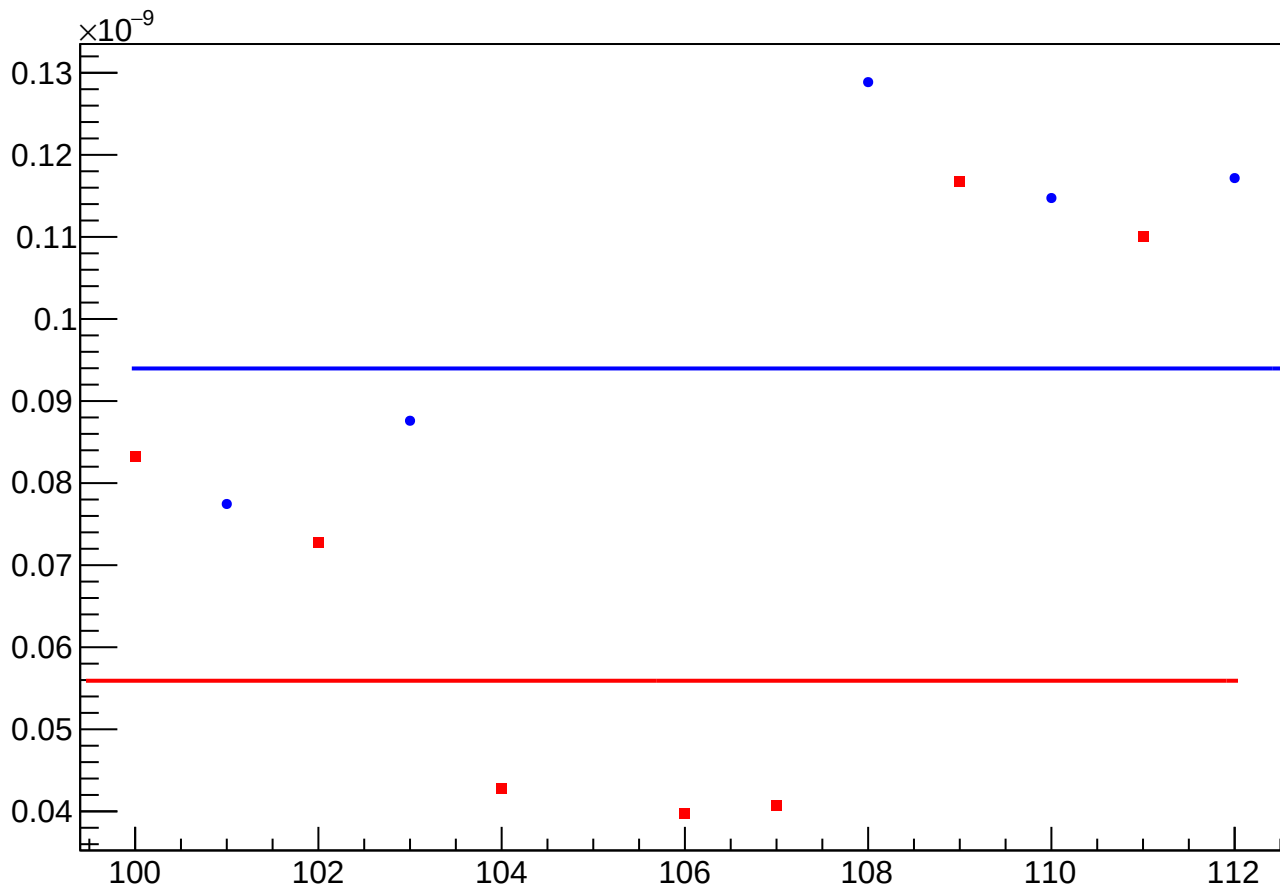
Right: 0.000+/-0.000 χ^2/NDF : 14.1/11

In: 0.000+/-0.000 χ^2/NDF : 6.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.1/11

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 : 125965.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 536971.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

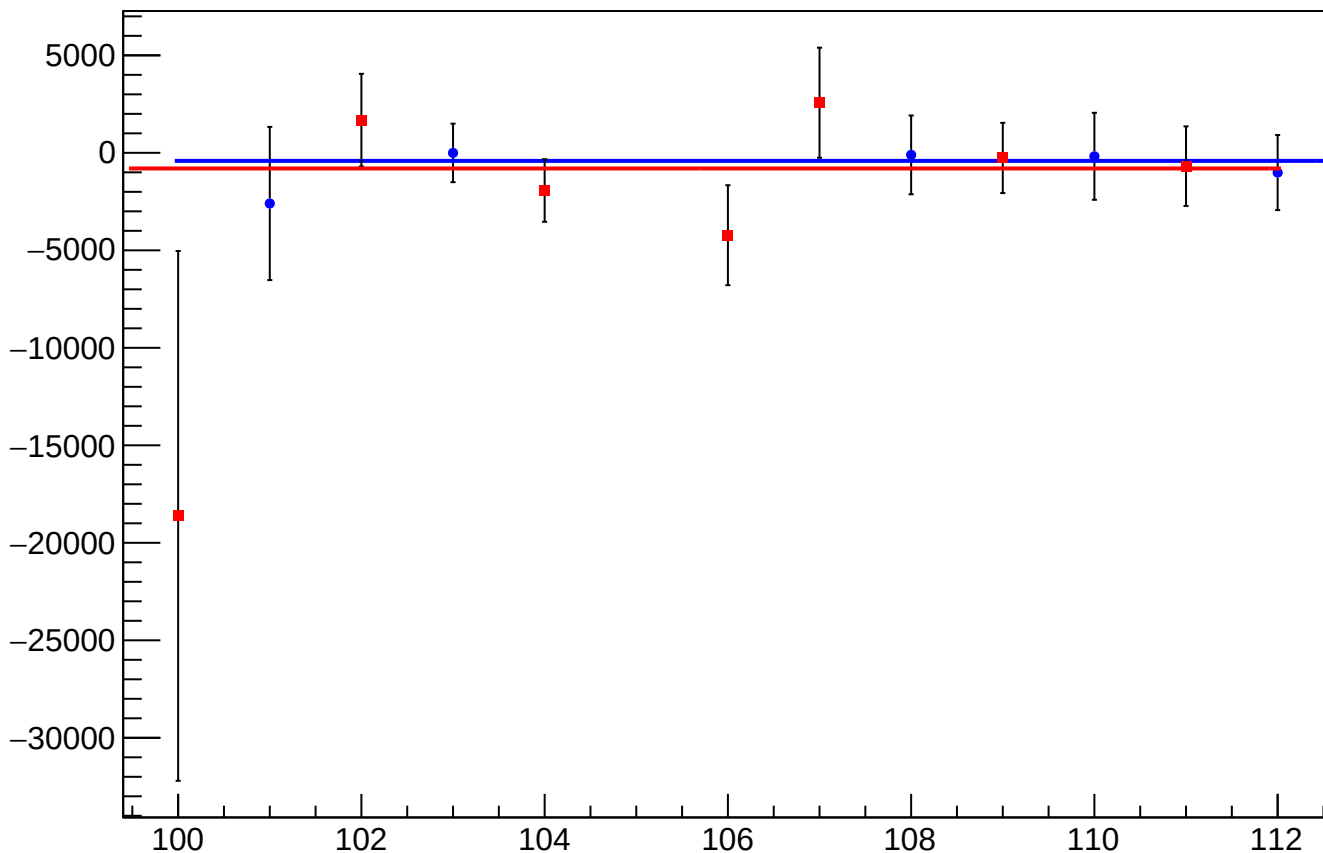
Right: 0.000+/-0.000 χ^2/NDF : 1040495.5/11

In: 0.000+/-0.000 χ^2/NDF : 125965.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1040495.5/11

reg_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -411.890+/-903.574 χ^2/NDF : 0.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -801.185+/-846.045 χ^2/NDF : 6.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

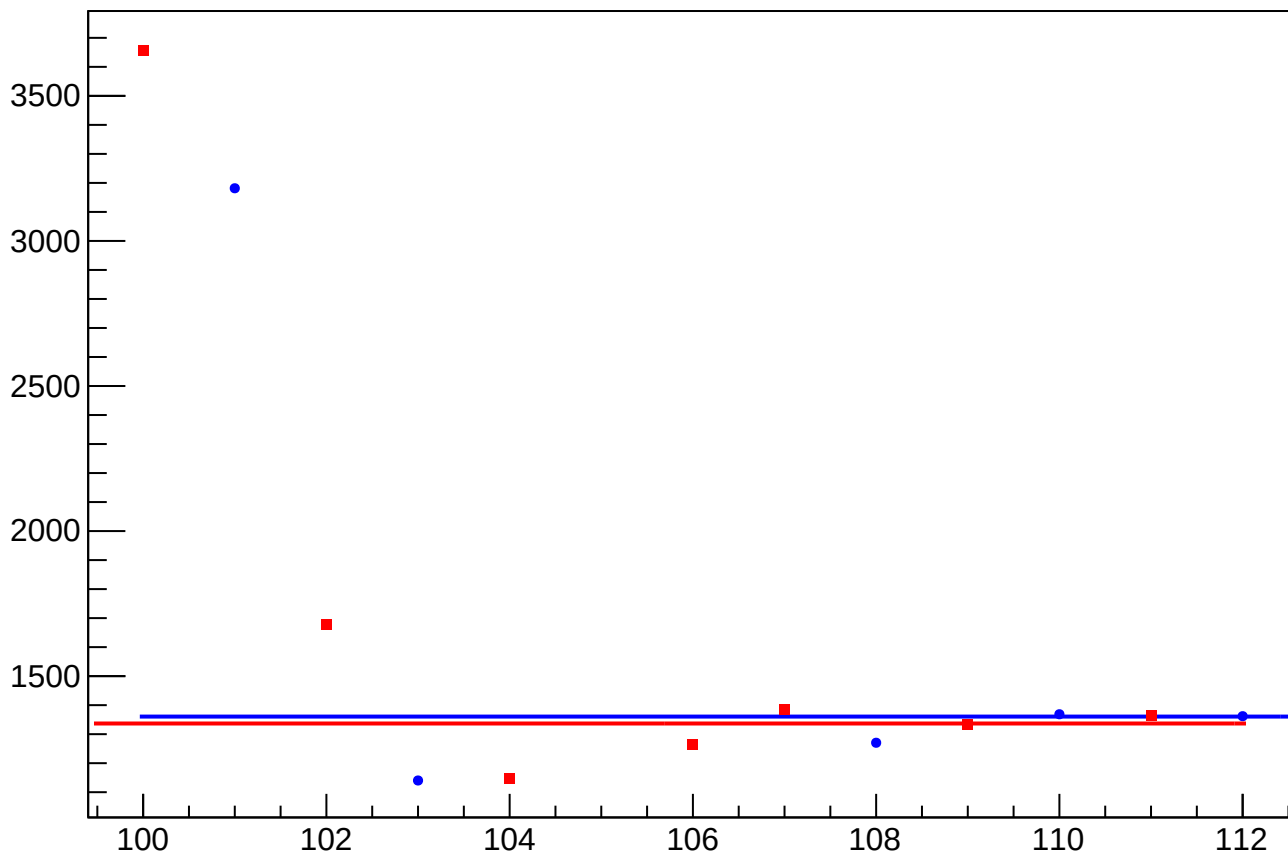
Right: -619.324+/-617.581 χ^2/NDF : 7.2/11

In: -411.890+/-903.574 χ^2/NDF : 0.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -619.324+/-617.581 χ^2/NDF : 7.2/11

reg_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1360.620+/-0.639 χ^2/NDF : 476804.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1336.770+/-0.598 χ^2/NDF : 129304.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

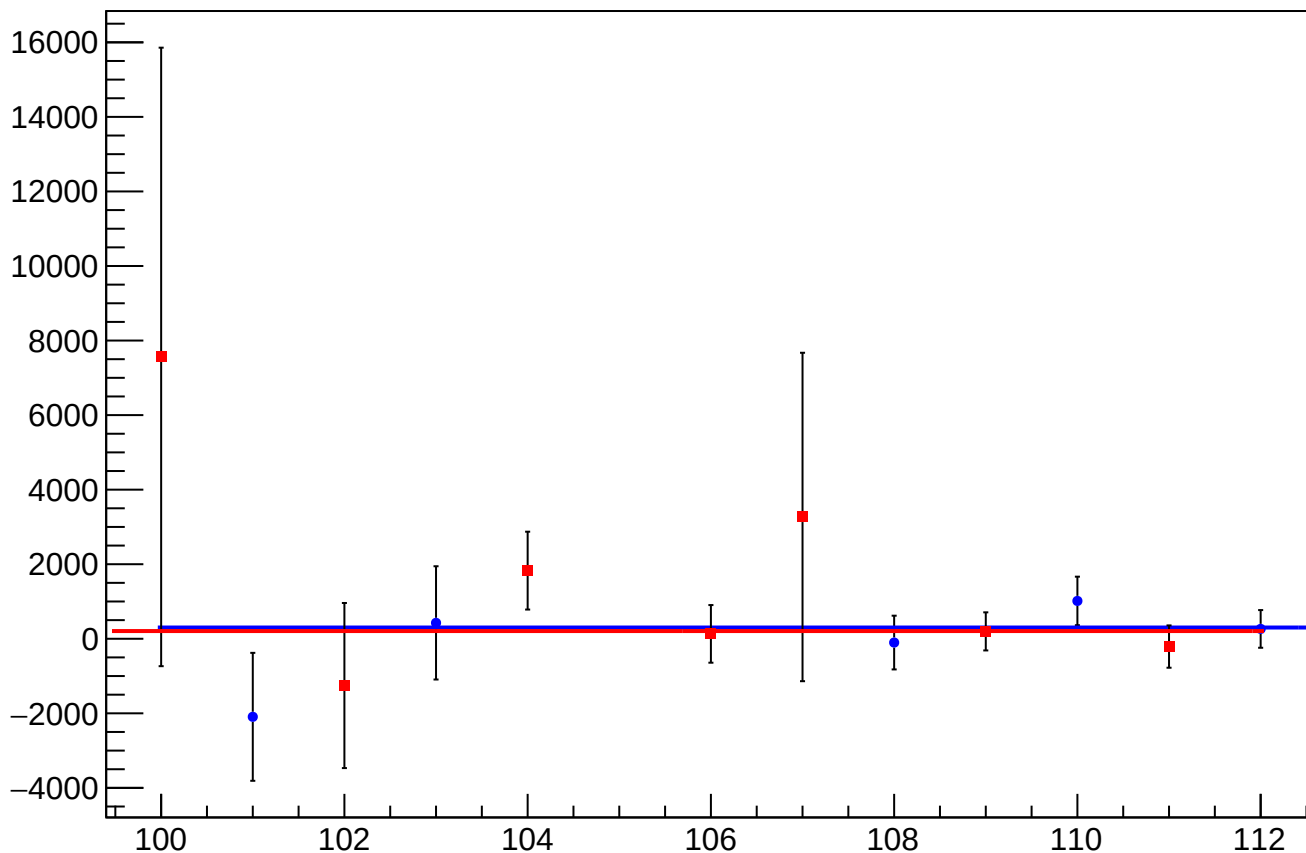
Right: 1347.911+/-0.437 χ^2/NDF : 606851.8/11

In: 1360.620+/-0.639 χ^2/NDF : 476804.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1347.911+/-0.437 χ^2/NDF : 606851.8/11

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 301.693+/-333.866 χ^2/NDF : 3.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 206.909+/-319.538 χ^2/NDF : 4.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

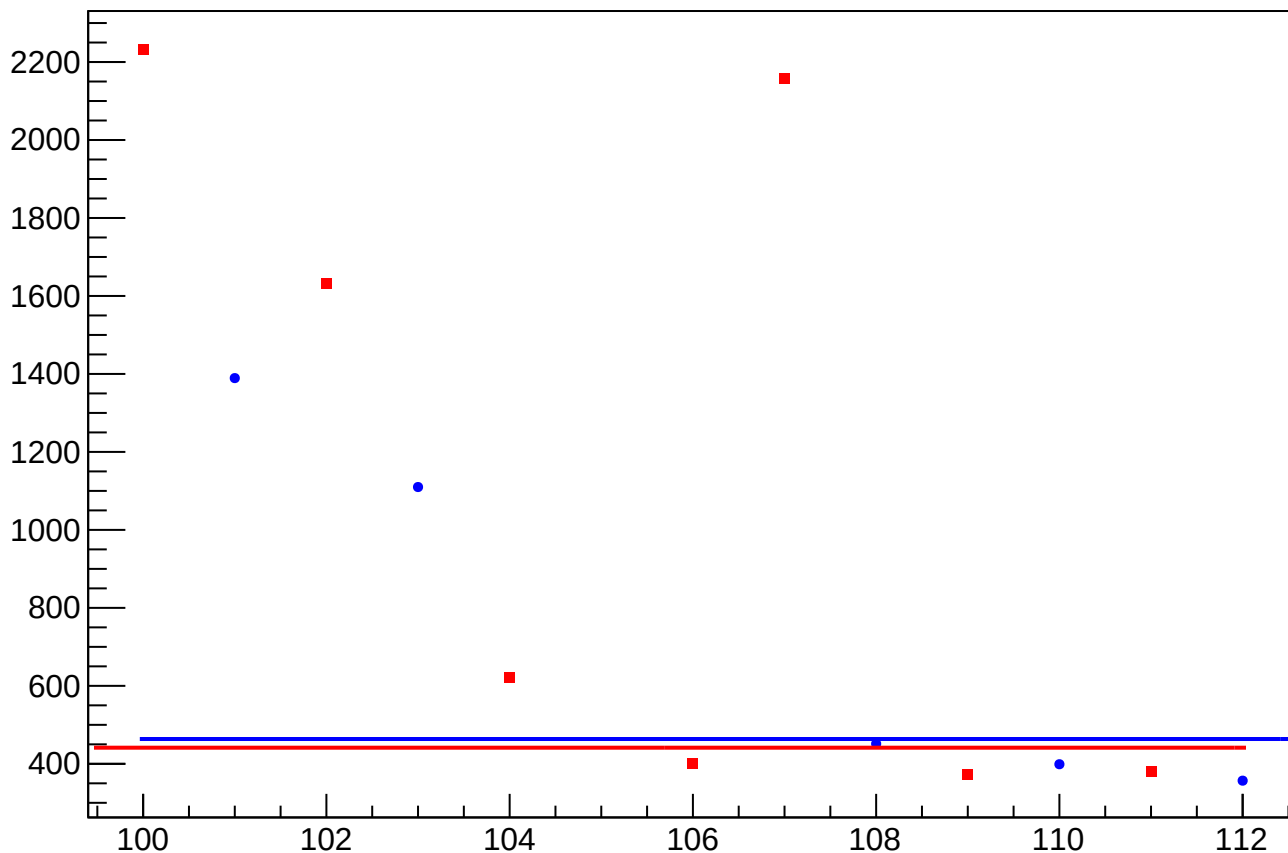
Right: 252.223+/-230.847 χ^2/NDF : 8.2/11

In: 301.693+/-333.866 χ^2/NDF : 3.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 252.223+/-230.847 χ^2/NDF : 8.2/11

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 463.667 $\pm$ 0.236 χ^2 /NDF: 1053457.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 441.396 $\pm$ 0.226 χ^2 /NDF: 1099507.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

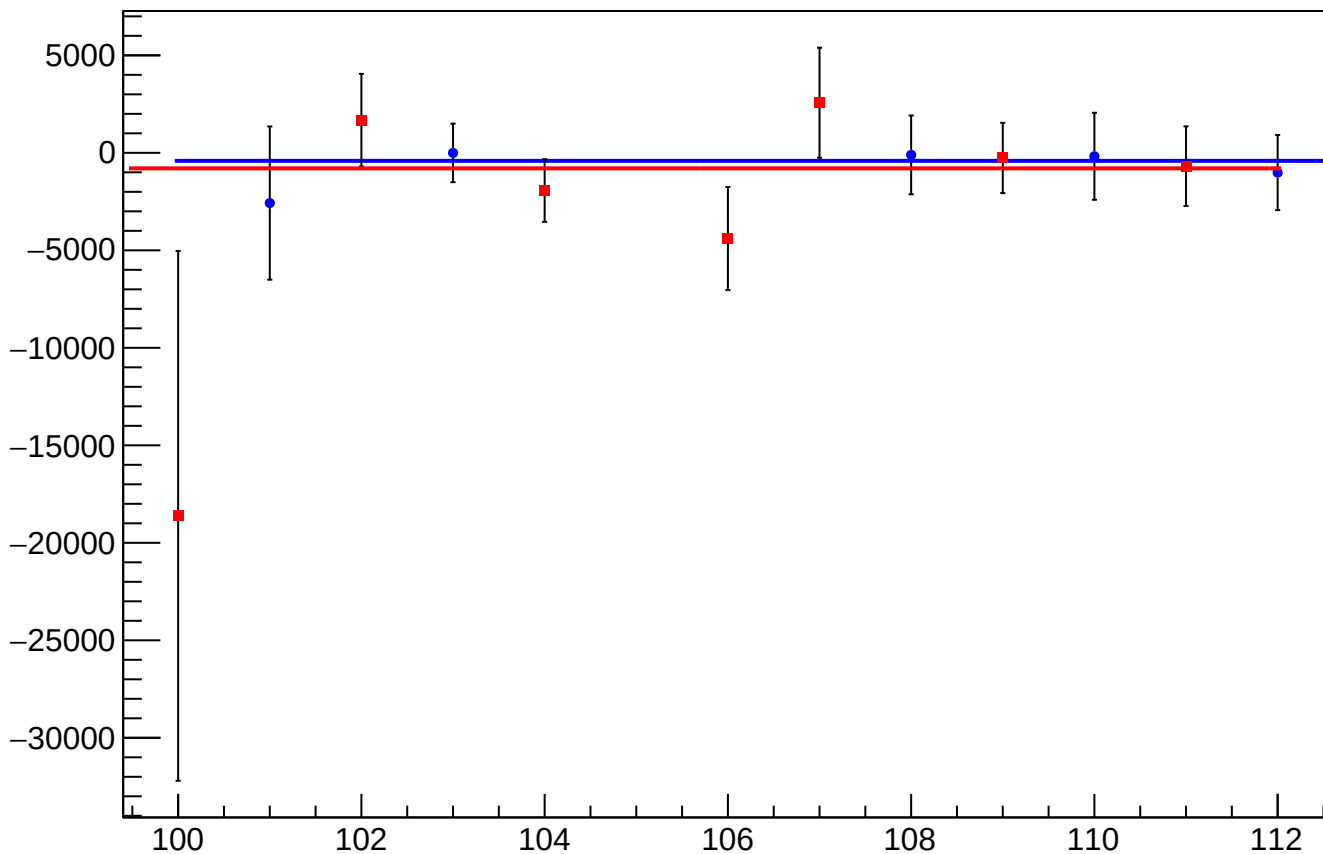
Right: 452.044 $\pm$ 0.163 χ^2 /NDF: 2157610.0/11

In: 463.667 $\pm$ 0.236 χ^2 /NDF:1053457.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 452.044 $\pm$ 0.163 χ^2 /NDF: 2157610.0/11

cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -410.566+/-903.574 χ^2/NDF : 0.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -796.279+/-848.816 χ^2/NDF : 6.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

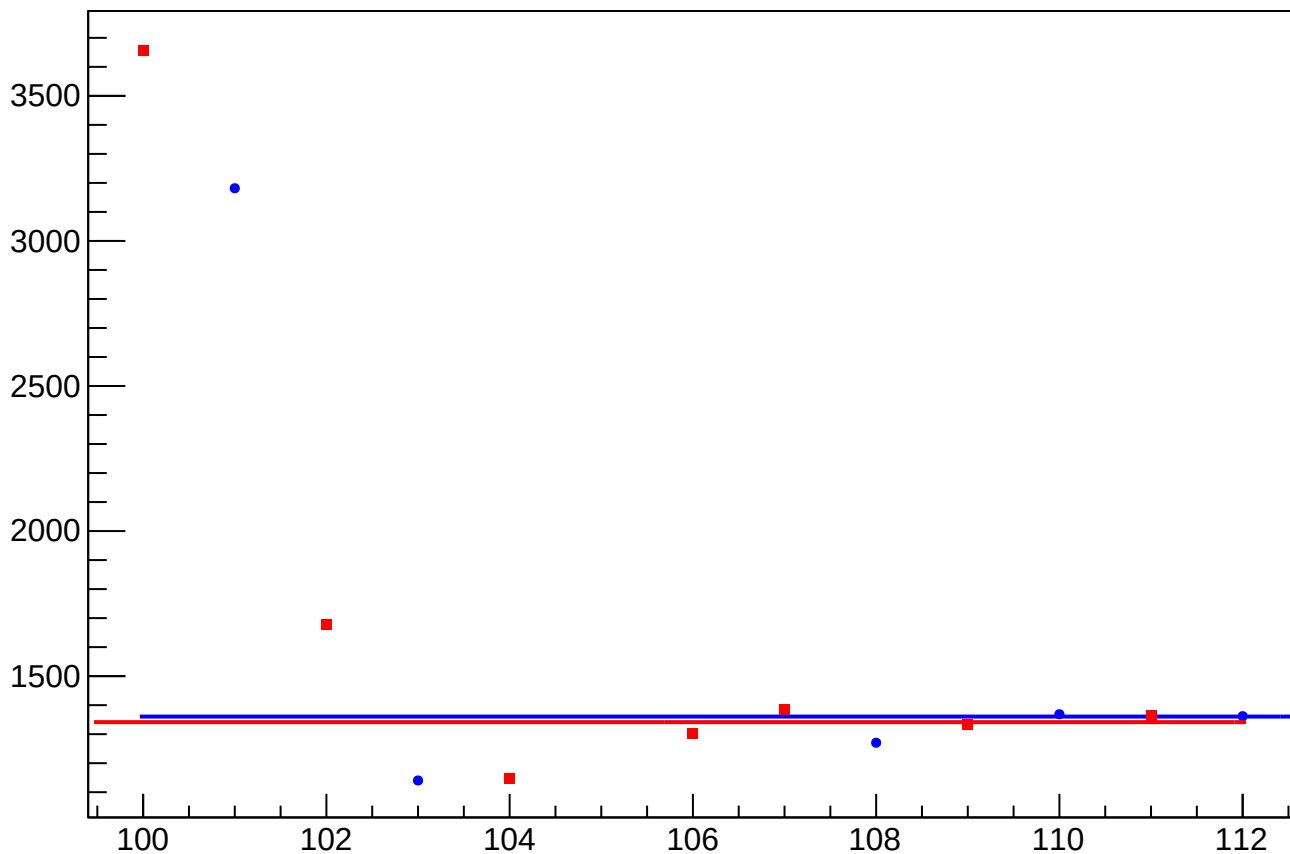
Right: -615.463+/-618.657 χ^2/NDF : 7.3/11

In: -410.566+/-903.574 χ^2/NDF : 0.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -615.463+/-618.657 χ^2/NDF : 7.3/11

cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1360.619+/-0.639 χ^2/NDF : 476806.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1341.458+/-0.600 χ^2/NDF : 127900.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

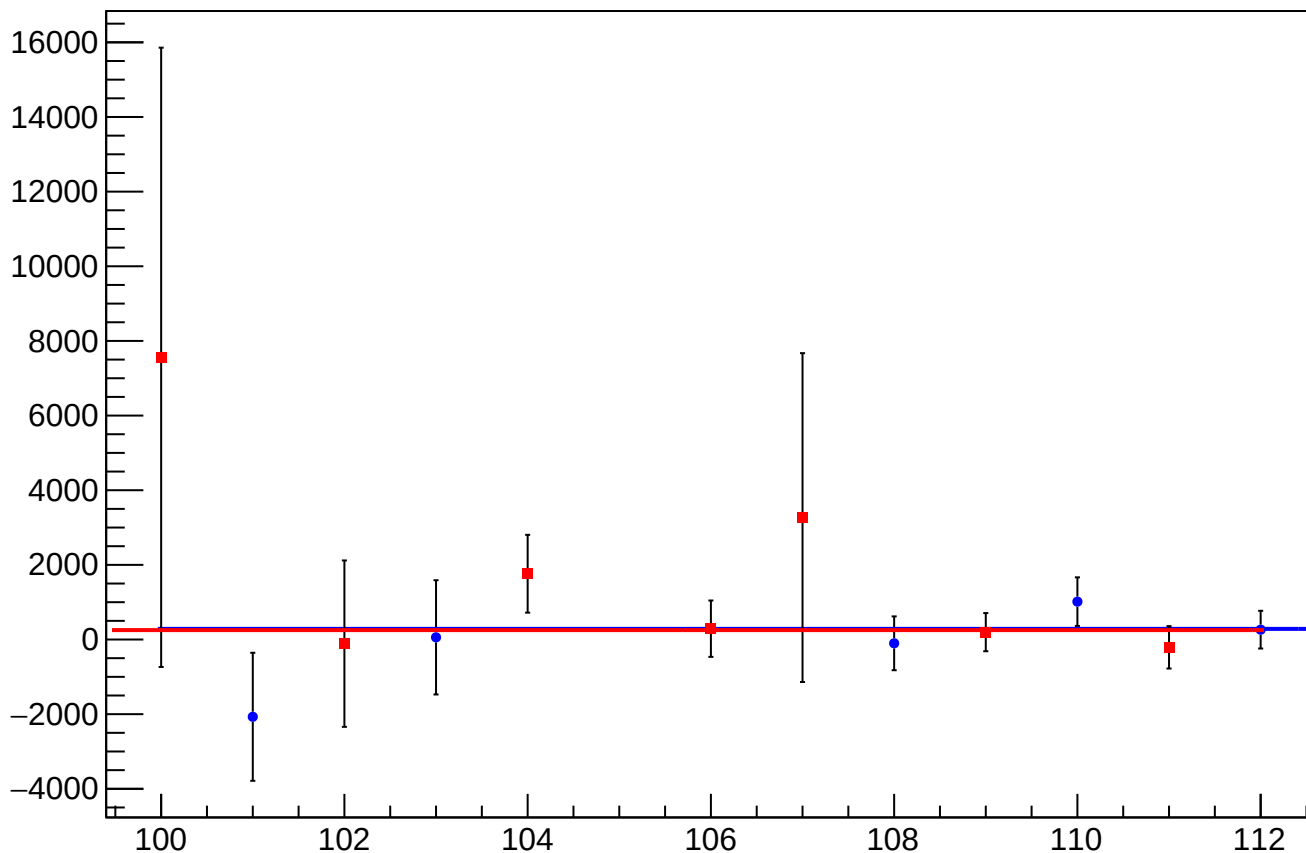
Right: 1350.440+/-0.437 χ^2/NDF : 605184.8/11

In: 1360.619+/-0.639 χ^2/NDF : 476806.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1350.440+/-0.437 χ^2/NDF : 605184.8/11

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 284.887+/-333.976 χ^2/NDF : 3.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 252.374+/-318.200 χ^2/NDF : 4.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

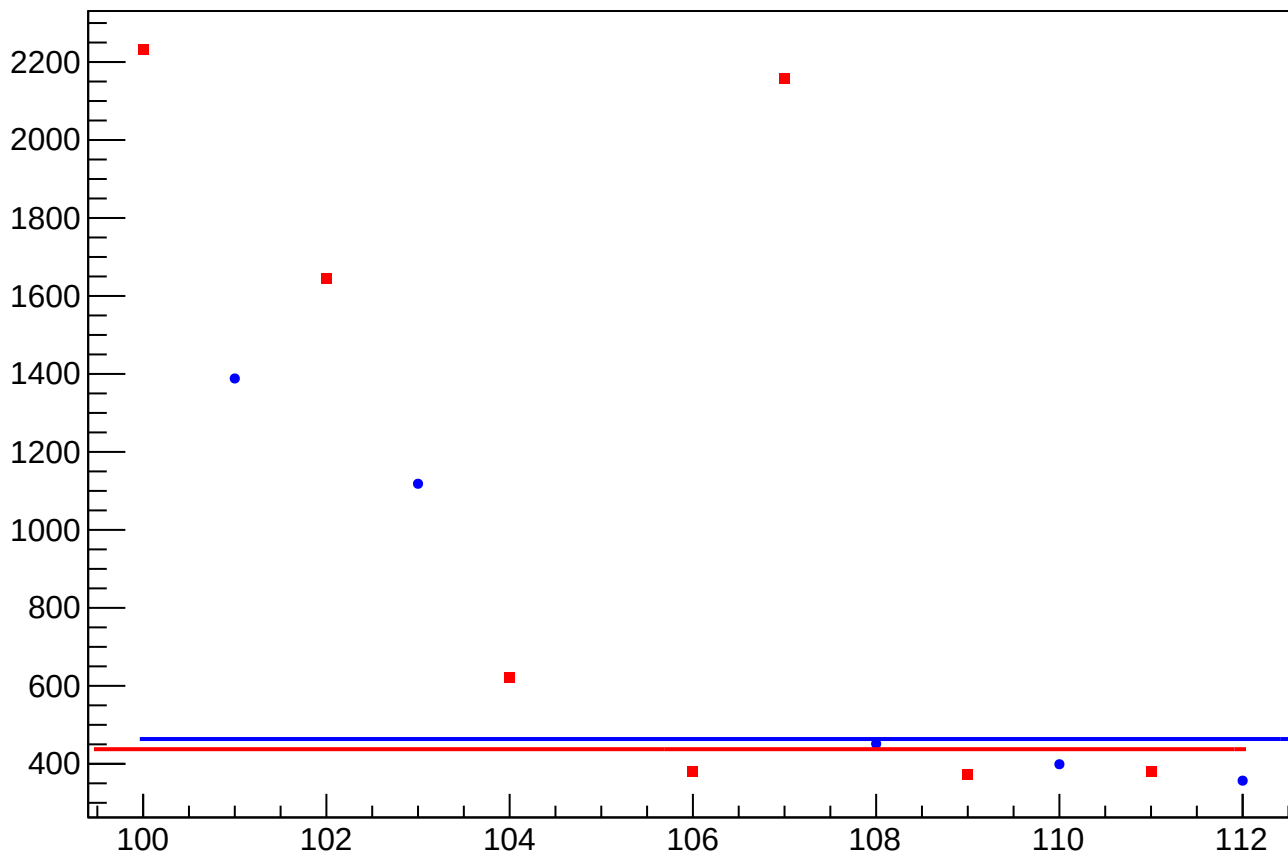
Right: 267.845+/-230.377 χ^2/NDF : 7.5/11

In: 284.887+/-333.976 χ^2/NDF : 3.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 267.845+/-230.377 χ^2/NDF : 7.5/11

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 463.622+/-0.236 χ^2/NDF : 1057065.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 437.560+/-0.225 χ^2/NDF : 1113218.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

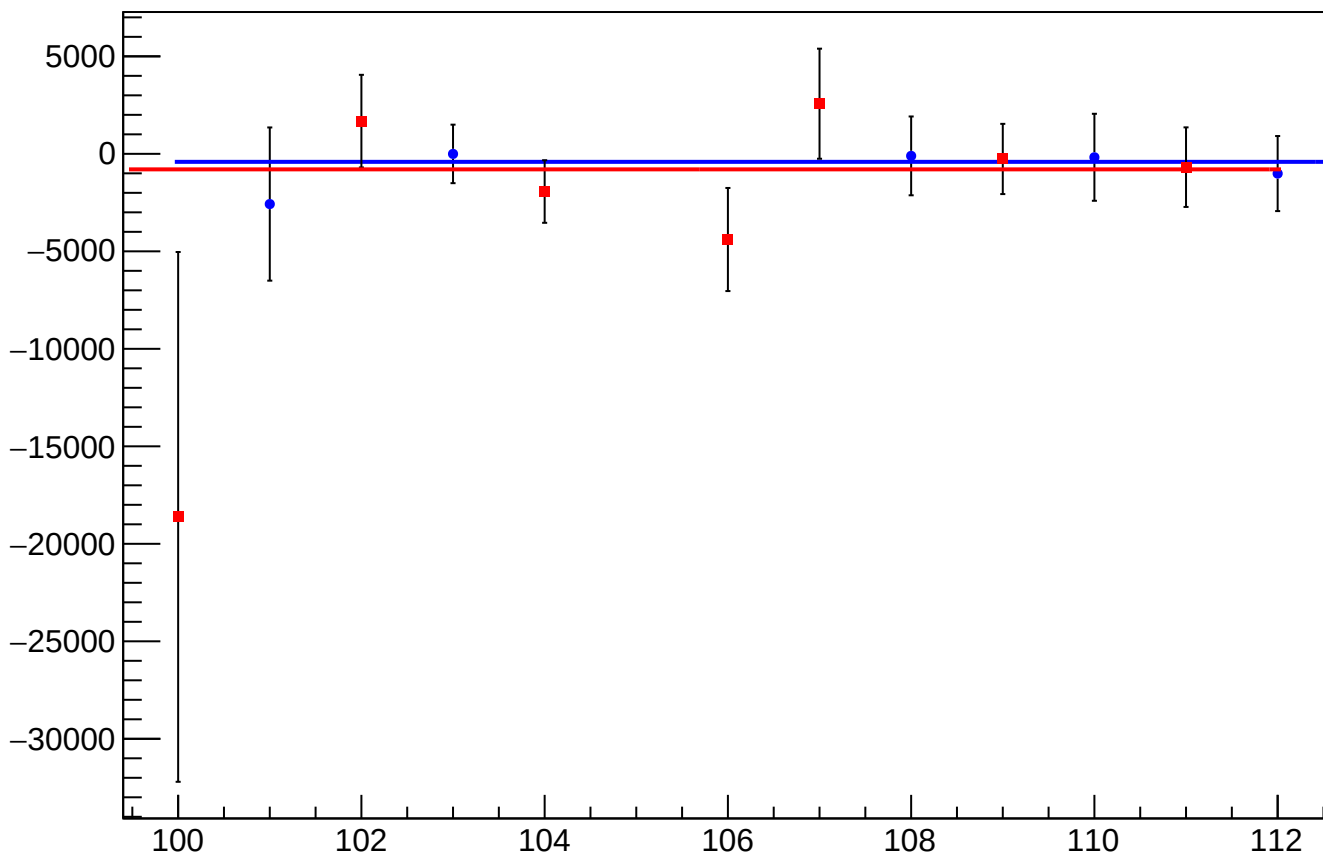
Right: 449.961+/-0.163 χ^2/NDF : 2176668.2/11

In: 463.622+/-0.236 χ^2/NDF : 1057065.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 449.961+/-0.163 χ^2/NDF : 2176668.2/11

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -410.566+/-903.574 χ^2/NDF : 0.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -796.279+/-848.816 χ^2/NDF : 6.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

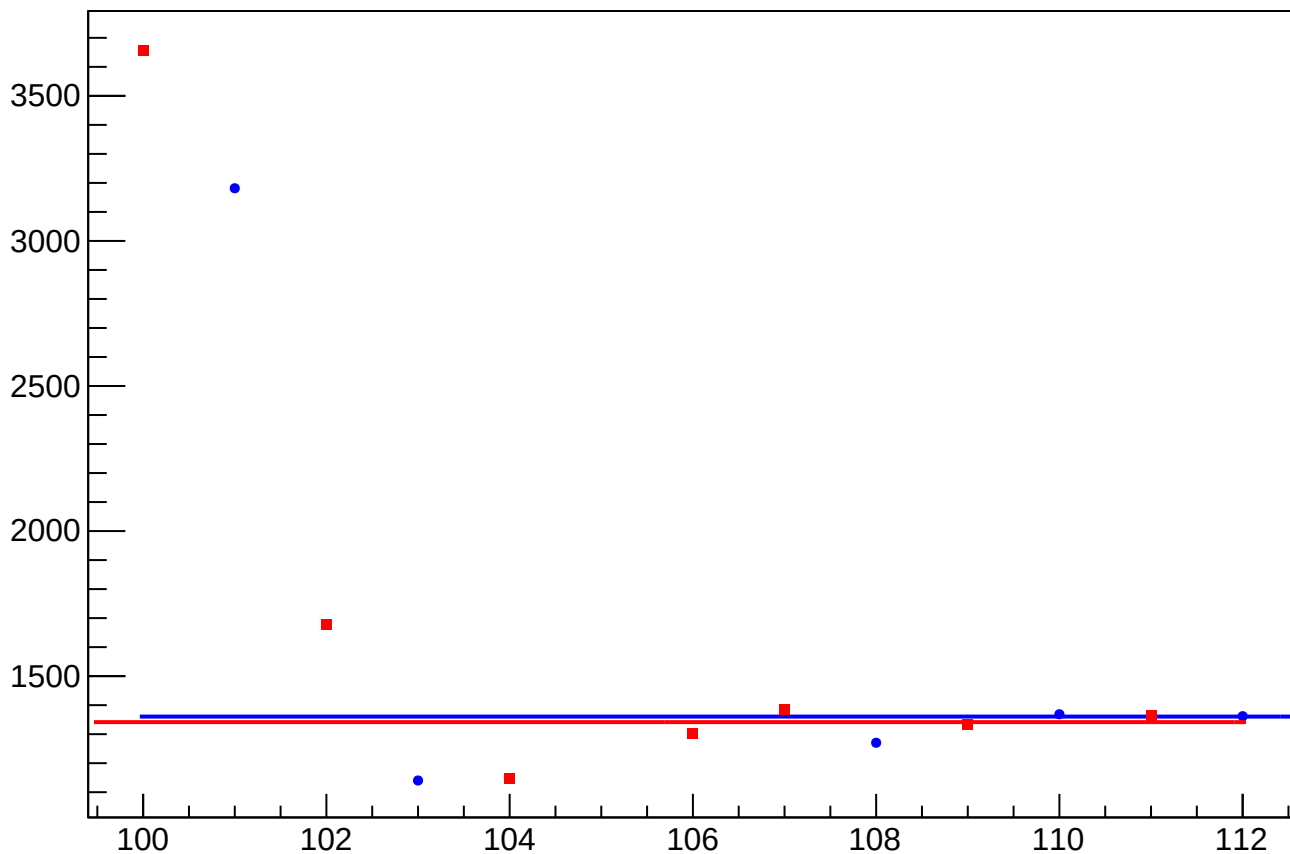
Right: -615.463+/-618.657 χ^2/NDF : 7.3/11

In: -410.566+/-903.574 χ^2/NDF : 0.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -615.463+/-618.657 χ^2/NDF : 7.3/11

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1360.619+/-0.639 χ^2/NDF : 476806.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1341.458+/-0.600 χ^2/NDF : 127900.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

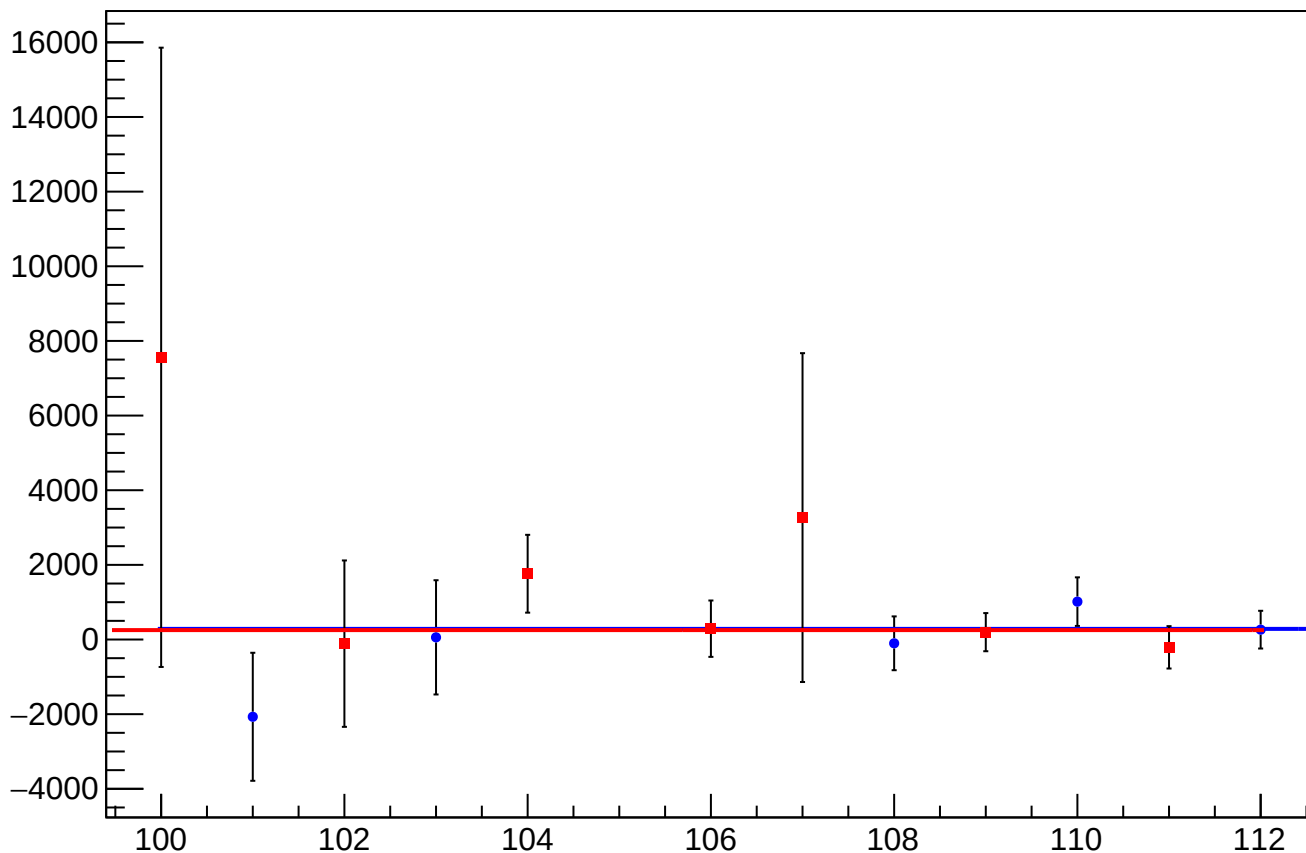
Right: 1350.440+/-0.437 χ^2/NDF : 605184.8/11

In: 1360.619+/-0.639 χ^2/NDF : 476806.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1350.440+/-0.437 χ^2/NDF : 605184.8/11

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 284.887 $\pm$ 333.976 χ^2 /NDF: 3.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 252.374 $\pm$ 318.200 χ^2 /NDF: 4.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

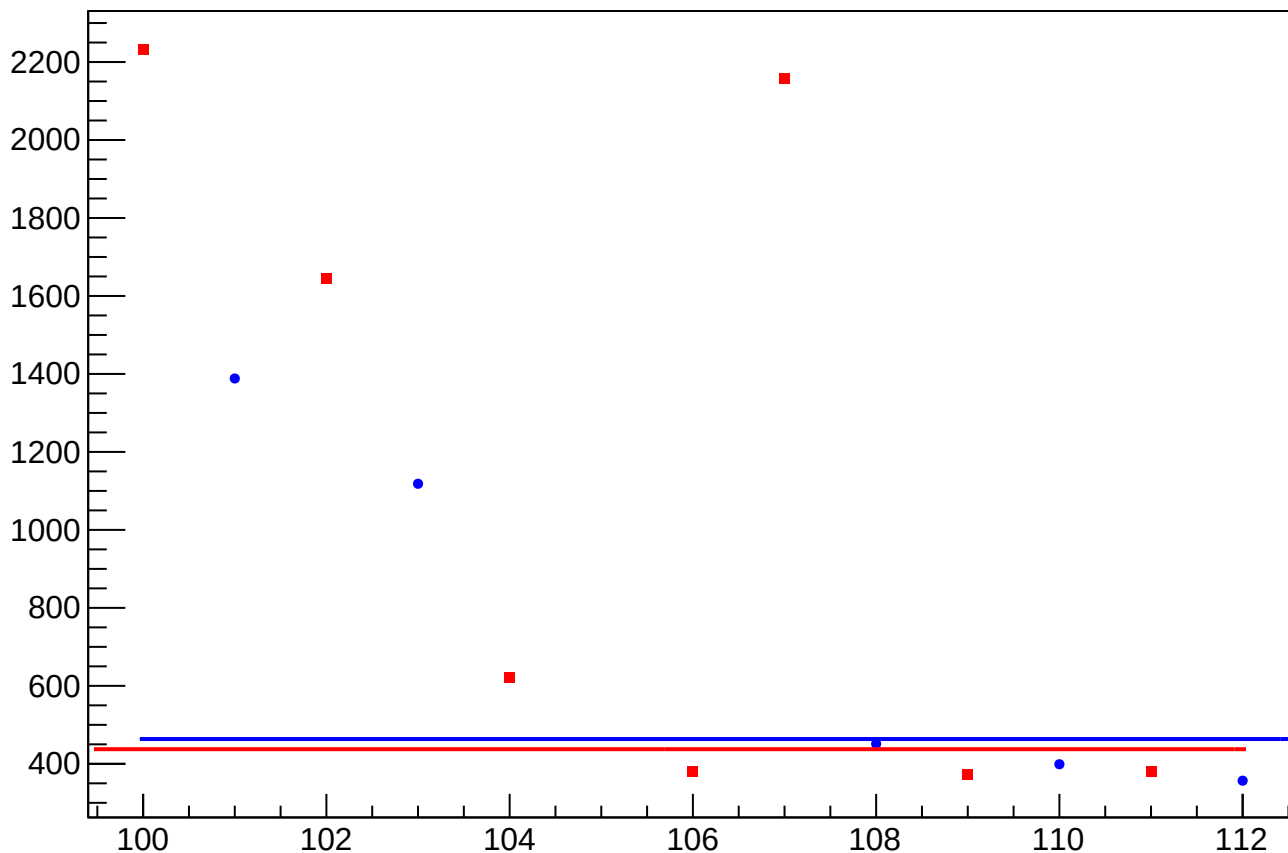
Right: 267.845 $\pm$ 230.377 χ^2 /NDF: 7.5/11

In: 284.887 $\pm$ 333.976 χ^2 /NDF:3.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 267.845 $\pm$ 230.377 χ^2 /NDF: 7.5/11

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 463.622+/-0.236 χ^2/NDF : 1057065.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 437.560+/-0.225 χ^2/NDF : 1113218.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

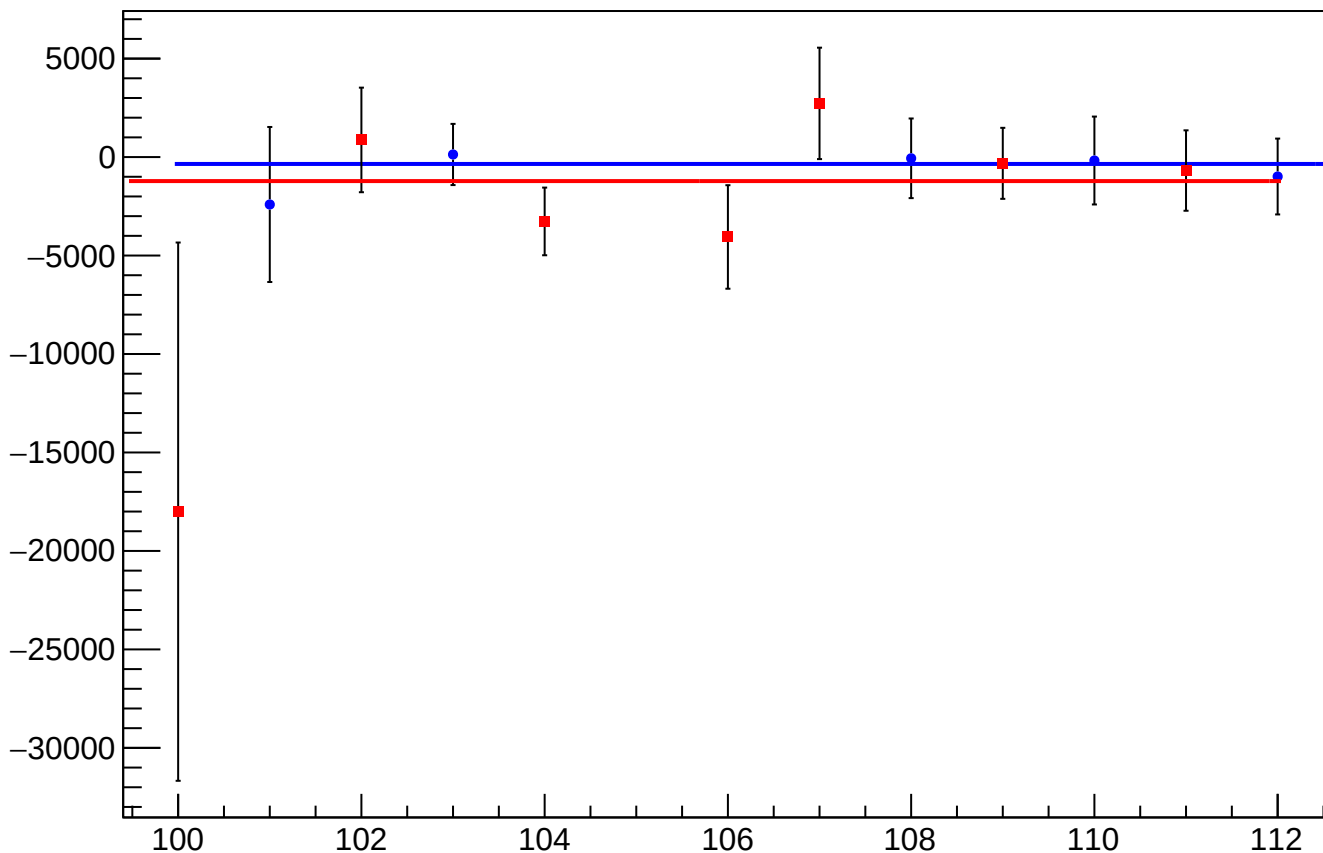
Right: 449.961+/-0.163 χ^2/NDF : 2176668.2/11

In: 463.622+/-0.236 χ^2/NDF : 1057065.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 449.961+/-0.163 χ^2/NDF : 2176668.2/11

dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -349.551+/-915.113 χ^2/NDF : 0.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1219.124+/-875.966 χ^2/NDF : 7.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

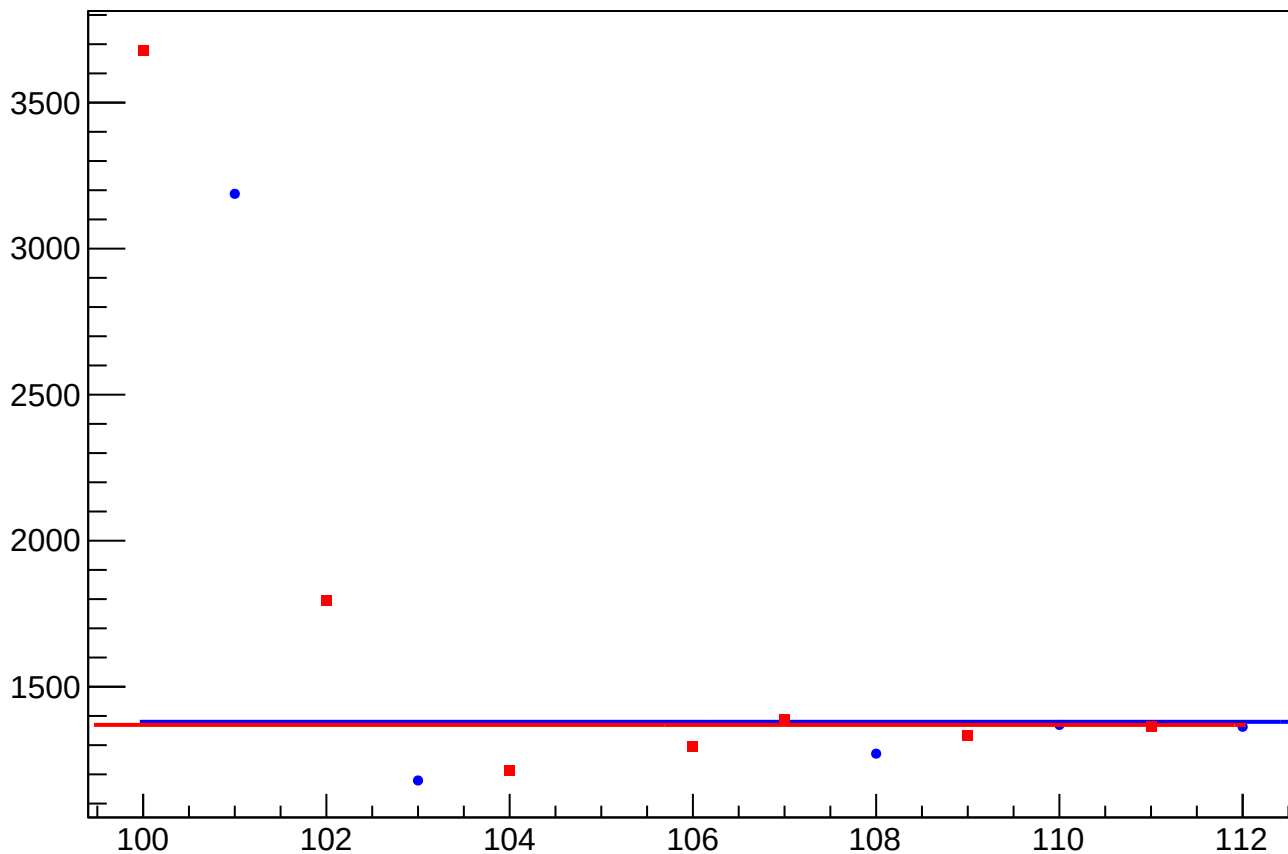
Right: -803.335+/-632.788 χ^2/NDF : 8.0/11

In: -349.551+/-915.113 χ^2/NDF : 0.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -803.335+/-632.788 χ^2/NDF : 8.0/11

dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1379.906+/-0.647 χ^2/NDF : 461318.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1369.359+/-0.619 χ^2/NDF : 127239.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

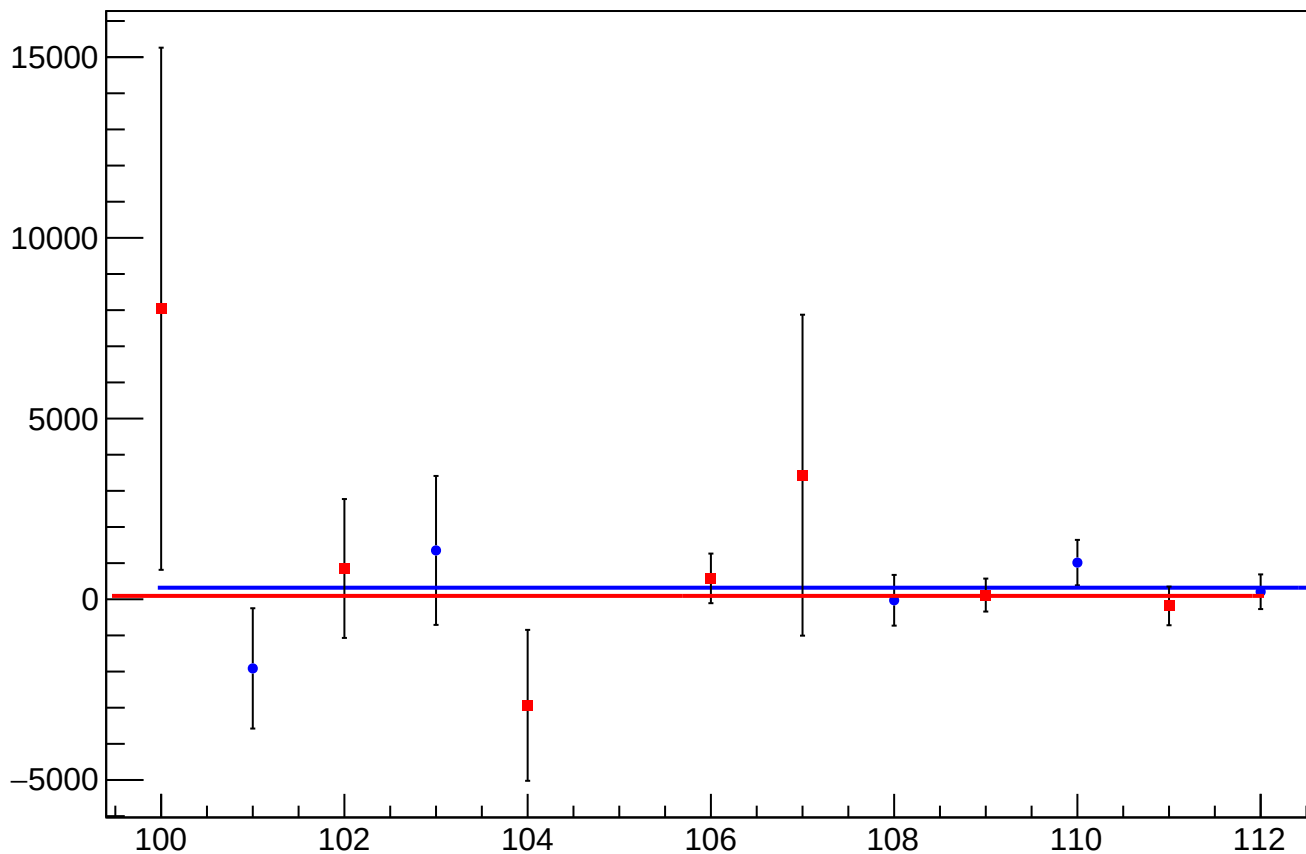
Right: 1374.402+/-0.447 χ^2/NDF : 588696.3/11

In: 1379.906+/-0.647 χ^2/NDF : 461318.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1374.402+/-0.447 χ^2/NDF : 588696.3/11

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 320.268+/-324.444 χ^2/NDF : 3.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.621+/-301.525 χ^2/NDF : 4.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

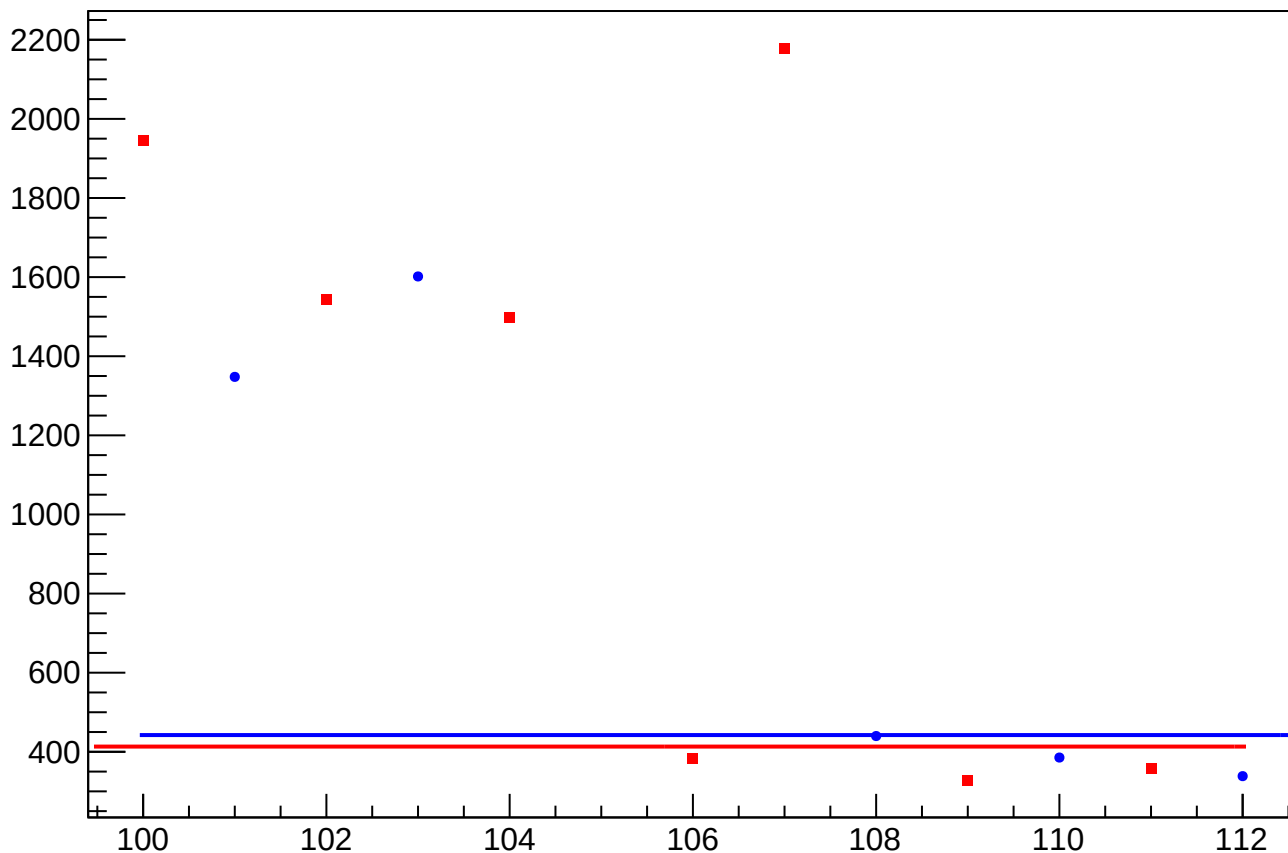
Right: 198.658+/-220.869 χ^2/NDF : 8.6/11

In: 320.268+/-324.444 χ^2/NDF : 3.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 198.658+/-220.869 χ^2/NDF : 8.6/11

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 442.314+/-0.229 χ^2/NDF : 1335073.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 413.202+/-0.213 χ^2/NDF : 1735211.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

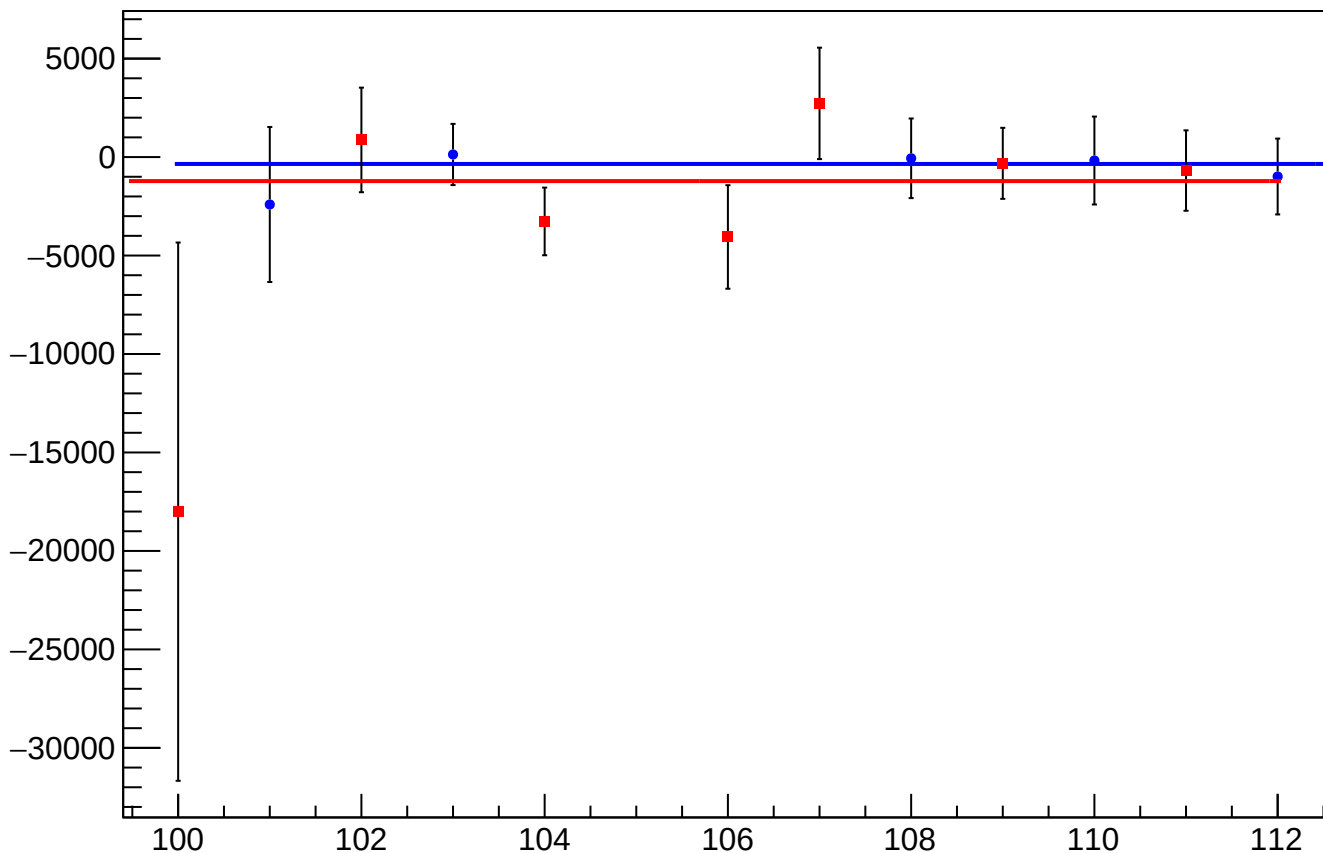
Right: 426.693+/-0.156 χ^2/NDF : 3078925.2/11

In: 442.314+/-0.229 χ^2/NDF : 1335073.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 426.693+/-0.156 χ^2/NDF : 3078925.2/11

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -349.549+/-915.113 χ^2/NDF : 0.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1219.125+/-875.966 χ^2/NDF : 7.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

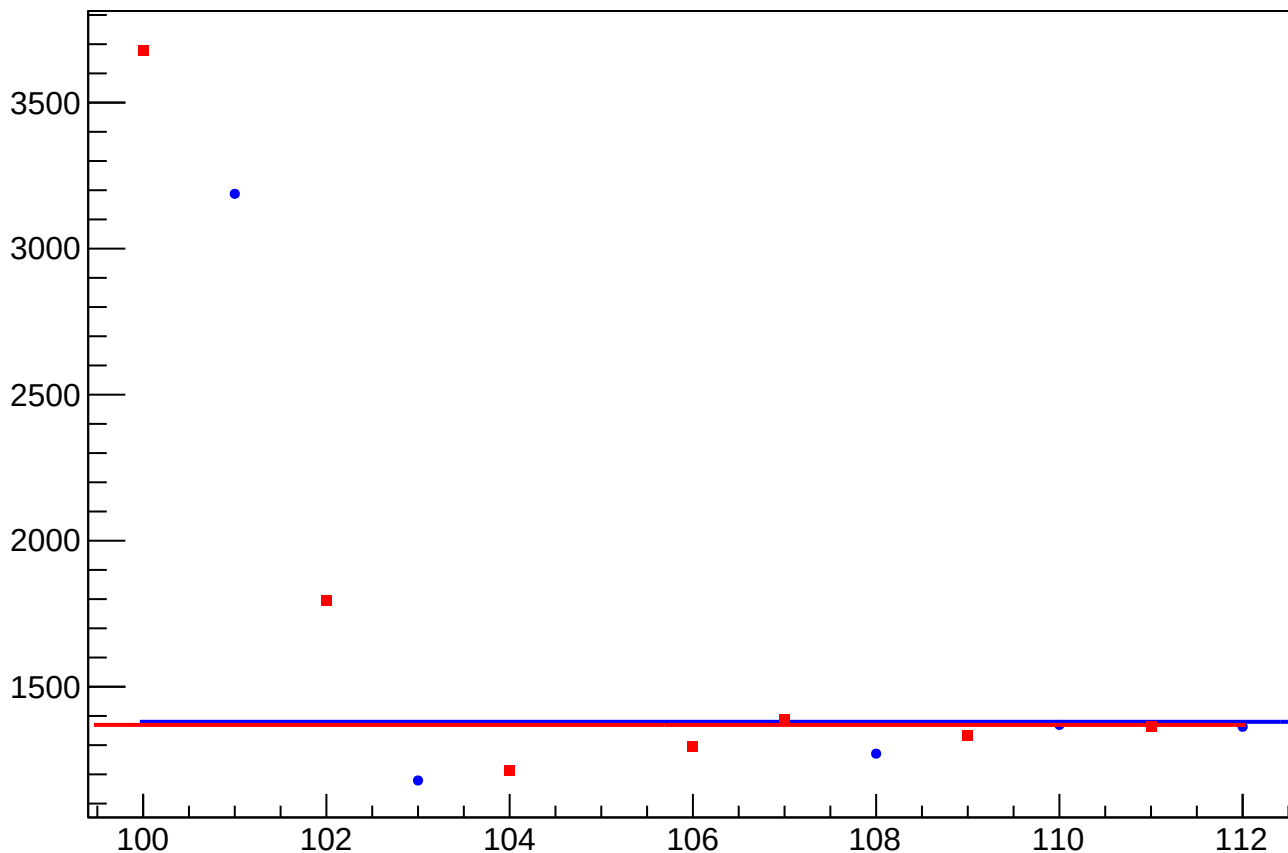
Right: -803.334+/-632.788 χ^2/NDF : 8.0/11

In: -349.549+/-915.113 χ^2/NDF : 0.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -803.334+/-632.788 χ^2/NDF : 8.0/11

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1379.906+/-0.647 χ^2/NDF : 461317.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1369.360+/-0.619 χ^2/NDF : 127239.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

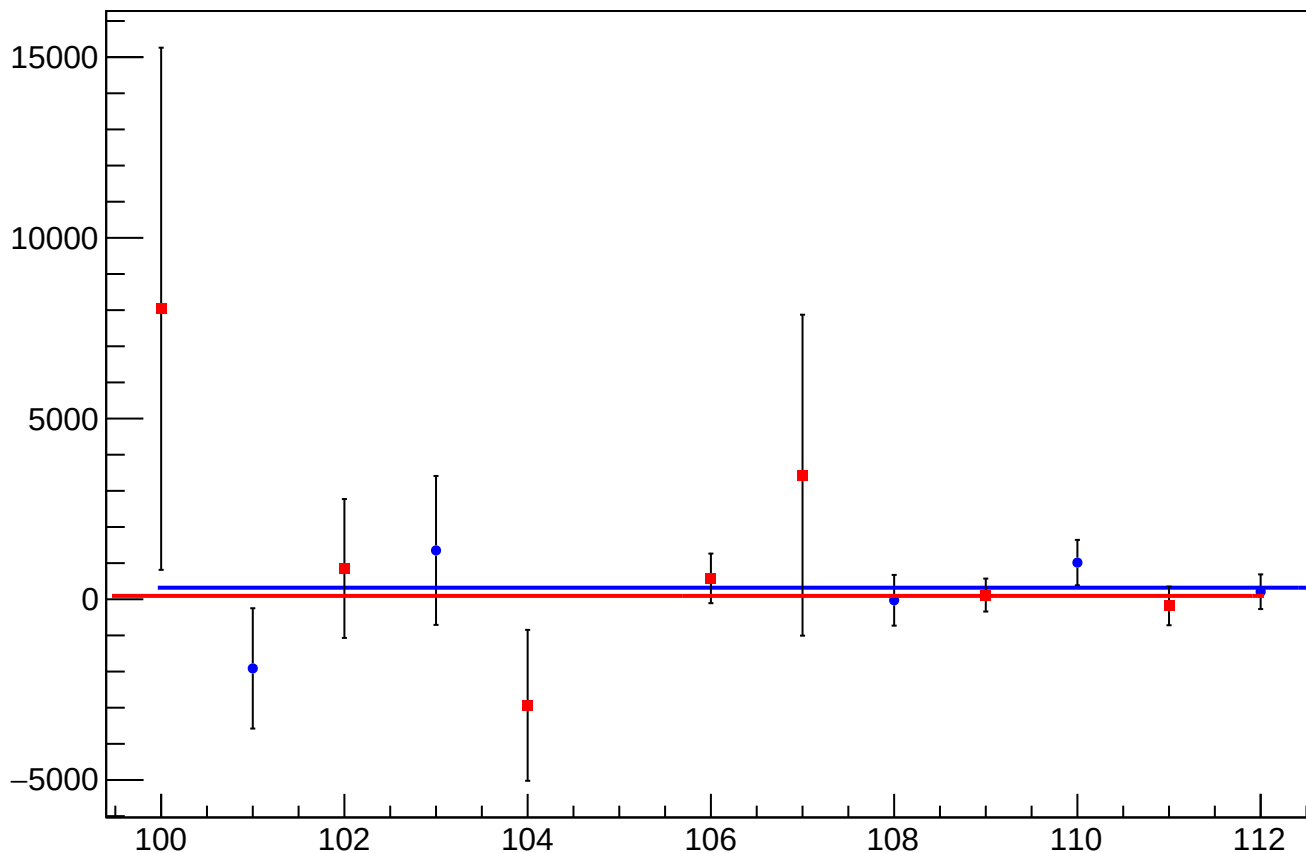
Right: 1374.402+/-0.447 χ^2/NDF : 588696.2/11

In: 1379.906+/-0.647 χ^2/NDF : 461317.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1374.402+/-0.447 χ^2/NDF : 588696.2/11

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 320.267+/-324.441 χ^2/NDF : 3.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.620+/-301.524 χ^2/NDF : 4.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

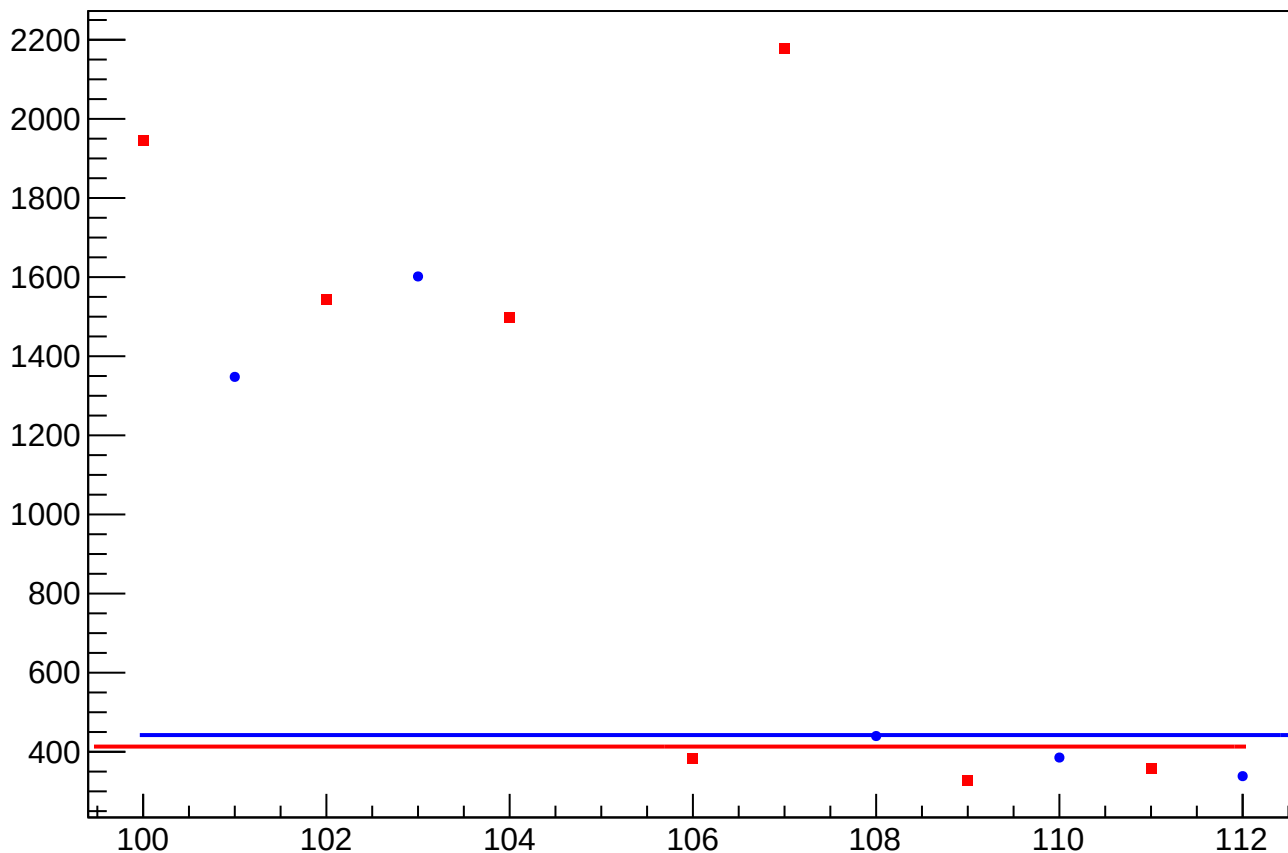
Right: 198.657+/-220.868 χ^2/NDF : 8.6/11

In: 320.267+/-324.441 χ^2/NDF : 3.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 198.657+/-220.868 χ^2/NDF : 8.6/11

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 442.311+/-0.229 χ^2/NDF : 1335076.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 413.200+/-0.213 χ^2/NDF : 1735216.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

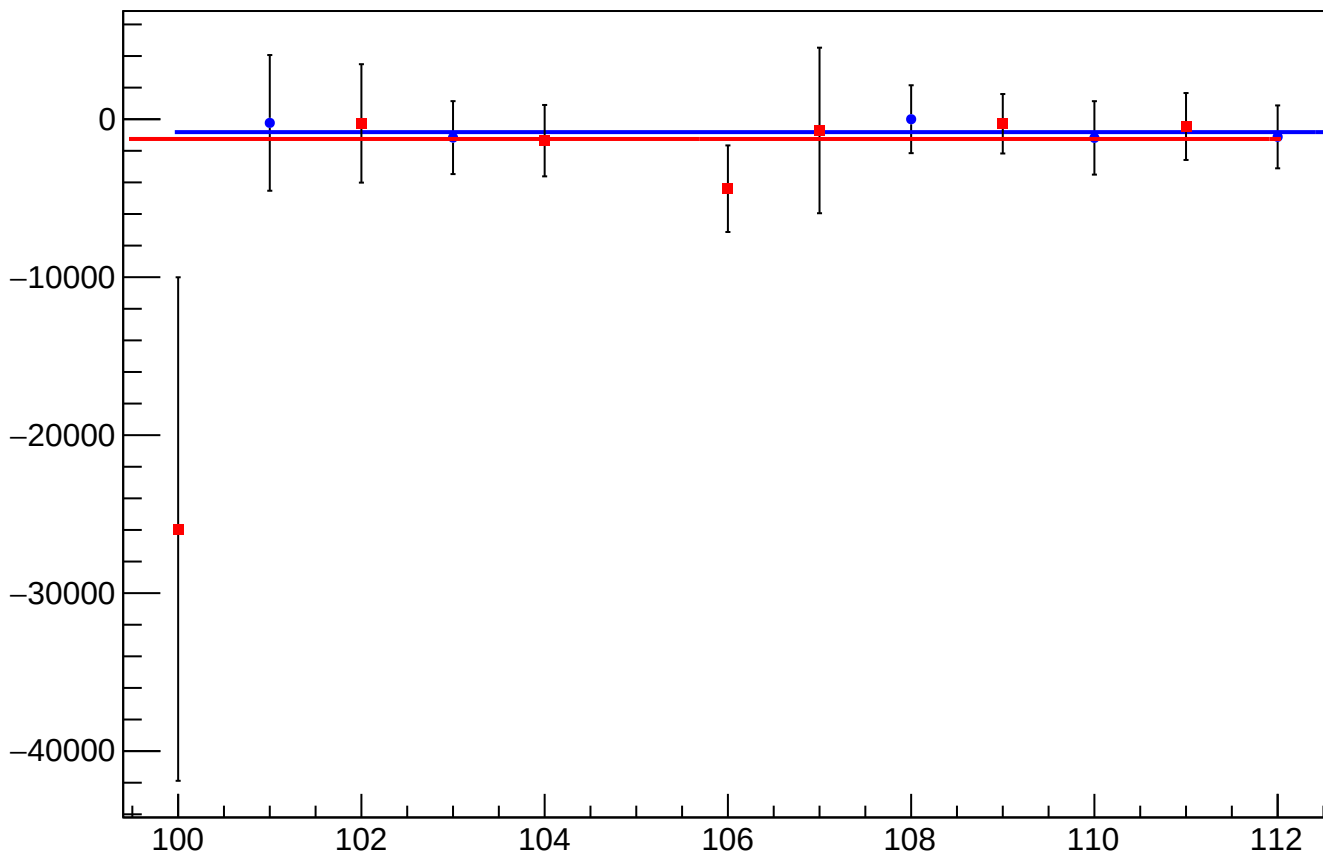
Right: 426.691+/-0.156 χ^2/NDF : 3078932.2/11

In: 442.311+/-0.229 χ^2/NDF : 1335076.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 426.691+/-0.156 χ^2/NDF : 3078932.2/11

asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -817.027+/-1056.639 χ^2/NDF : 0.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1250.413+/-1028.329 χ^2/NDF : 4.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

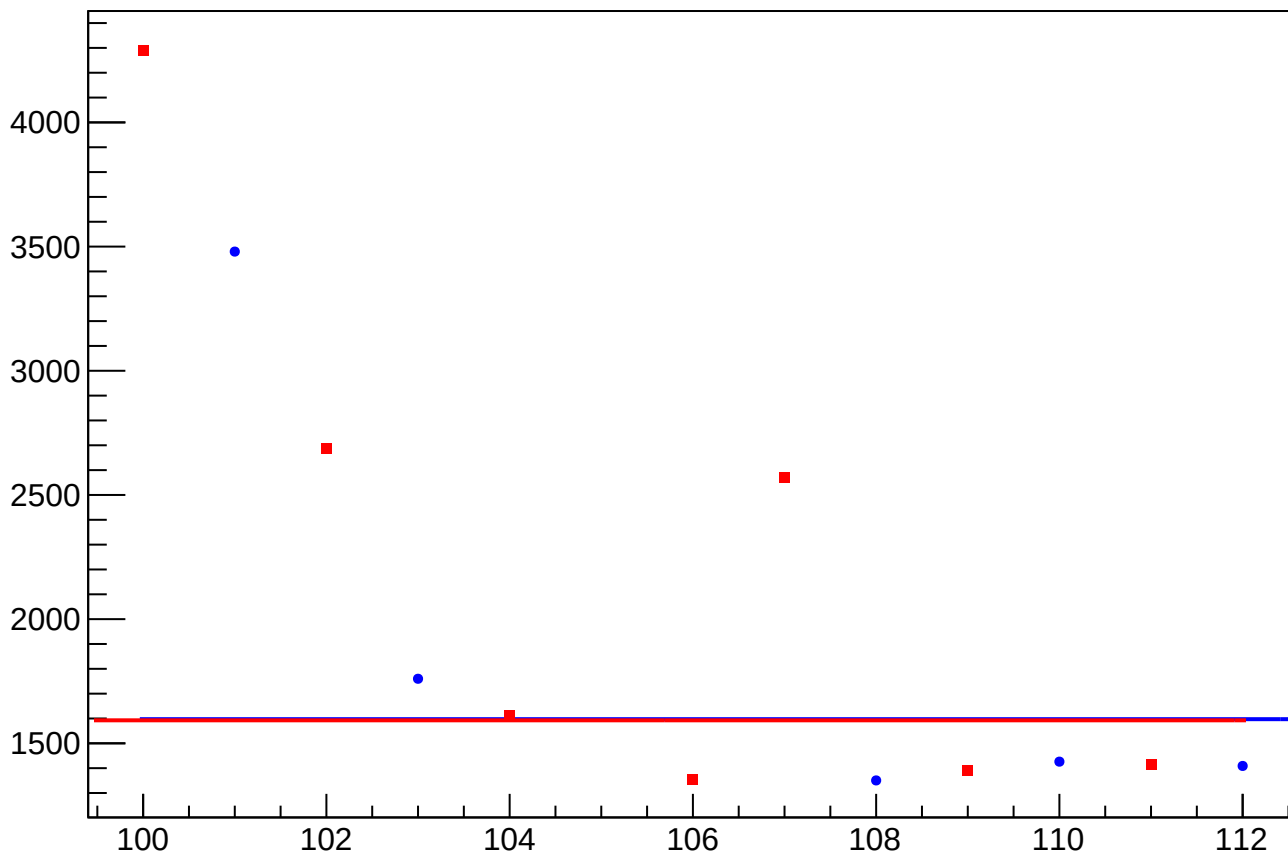
Right: -1039.603+/-736.944 χ^2/NDF : 4.5/11

In: -817.027+/-1056.639 χ^2/NDF : 0.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1039.603+/-736.944 χ^2/NDF : 4.5/11

asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1597.255+/-0.747 χ^2/NDF : 449158.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1592.655+/-0.727 χ^2/NDF : 349196.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

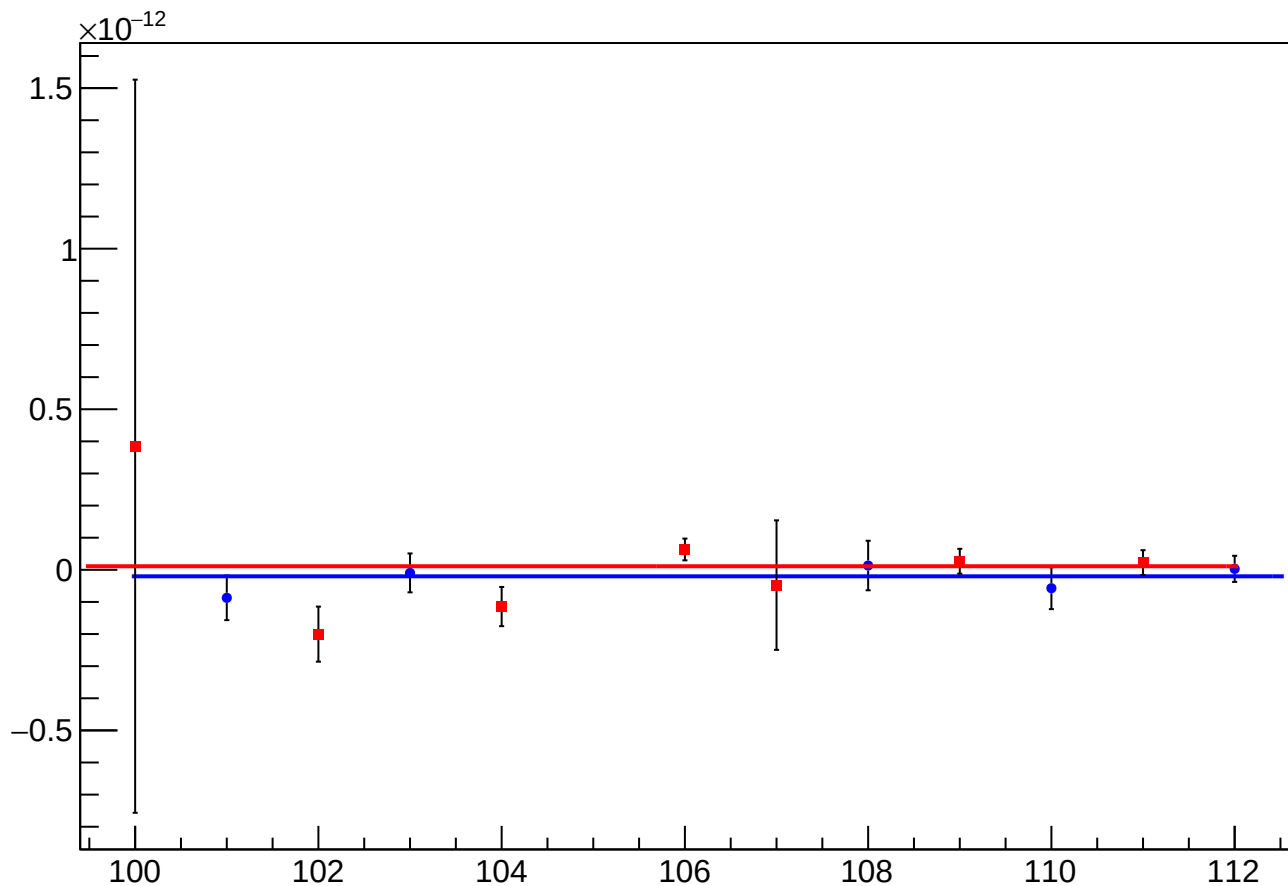
Right: 1594.892+/-0.521 χ^2/NDF : 798374.3/11

In: 1597.255+/-0.747 χ^2/NDF : 449158.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1594.892+/-0.521 χ^2/NDF : 798374.3/11

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

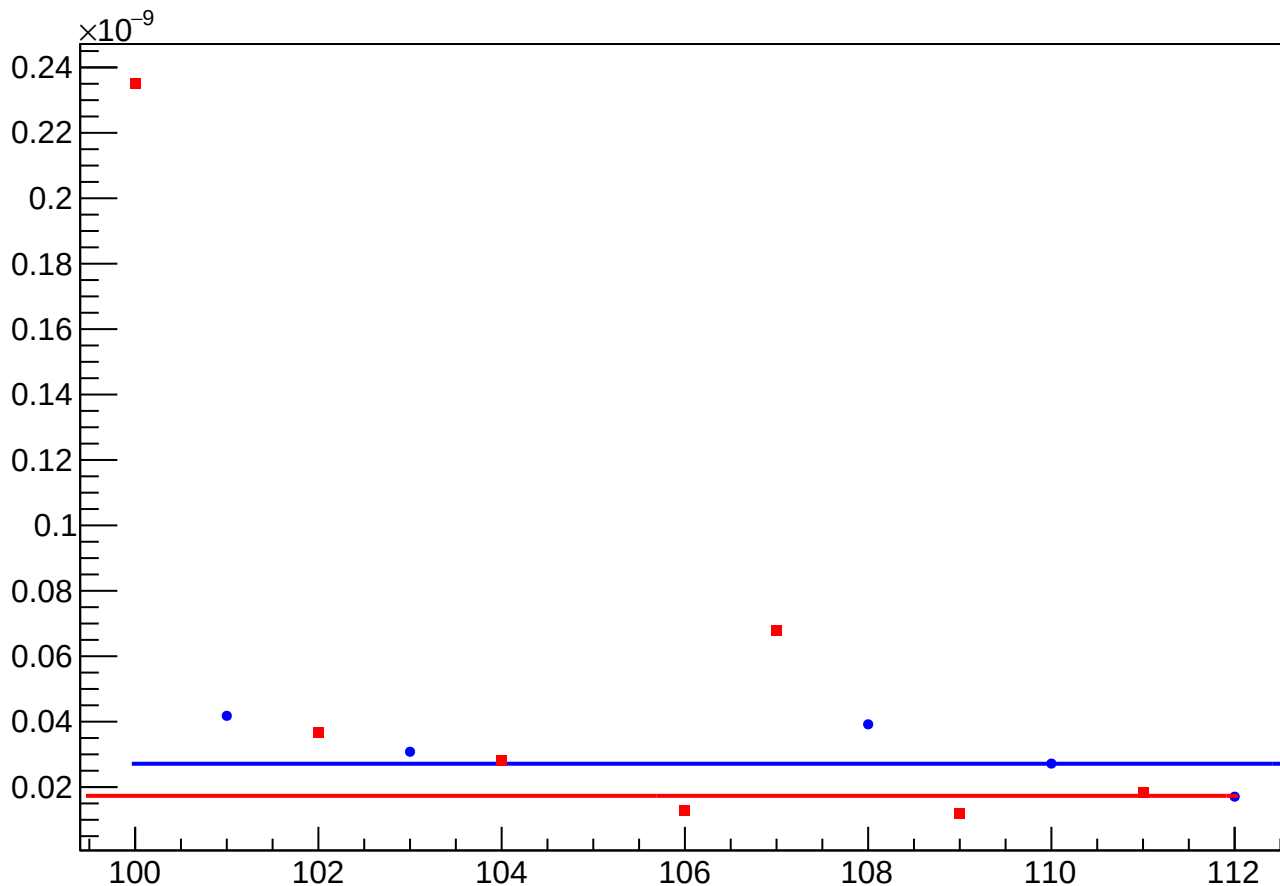
Right: -0.000+/-0.000 χ^2/NDF : 15.9/11

In: -0.000+/-0.000 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.9/11

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 267432.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 441286.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

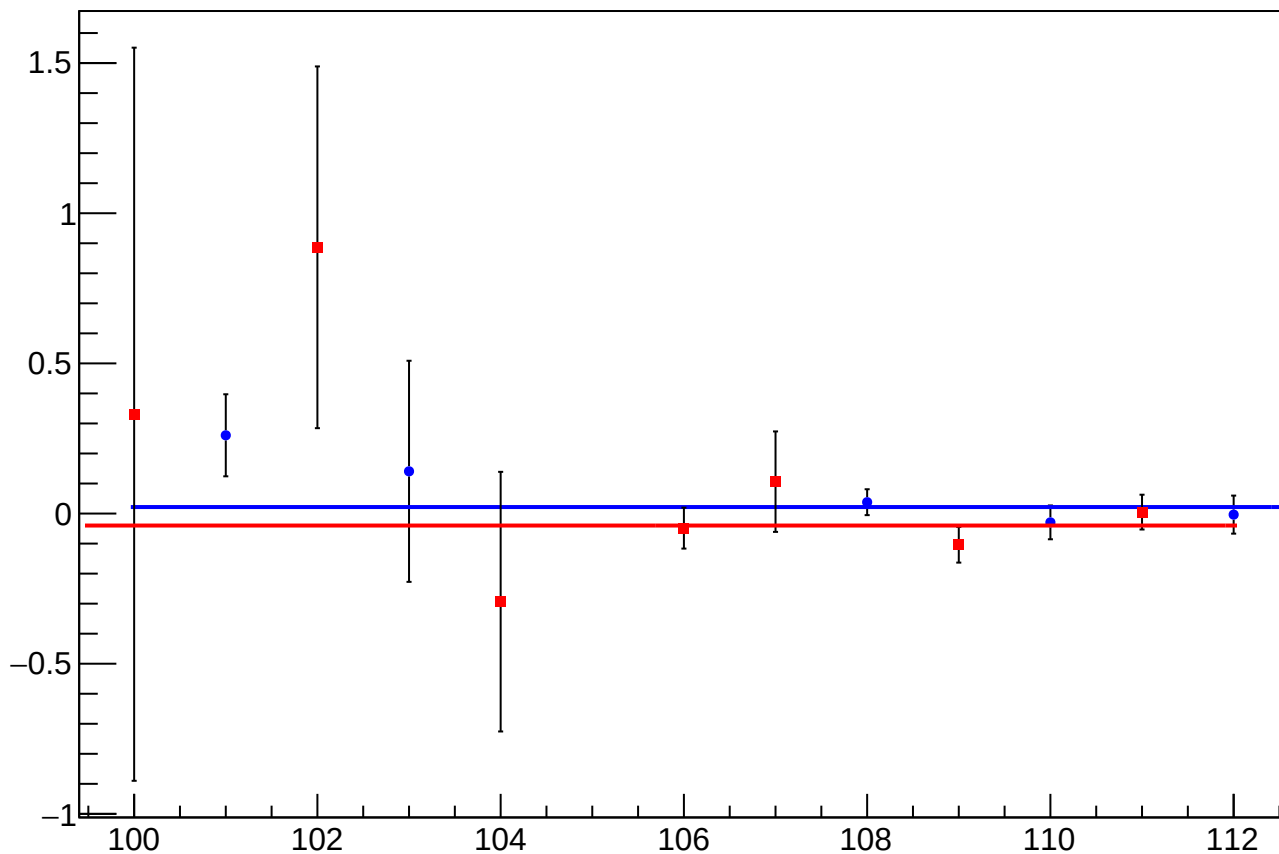
Right: 0.000+/-0.000 χ^2/NDF : 891760.2/11

In: 0.000+/-0.000 χ^2/NDF : 267432.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 891760.2/11

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022 $\pm$ 0.029 χ^2 /NDF: 4.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.040 $\pm$ 0.034 χ^2 /NDF: 5.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

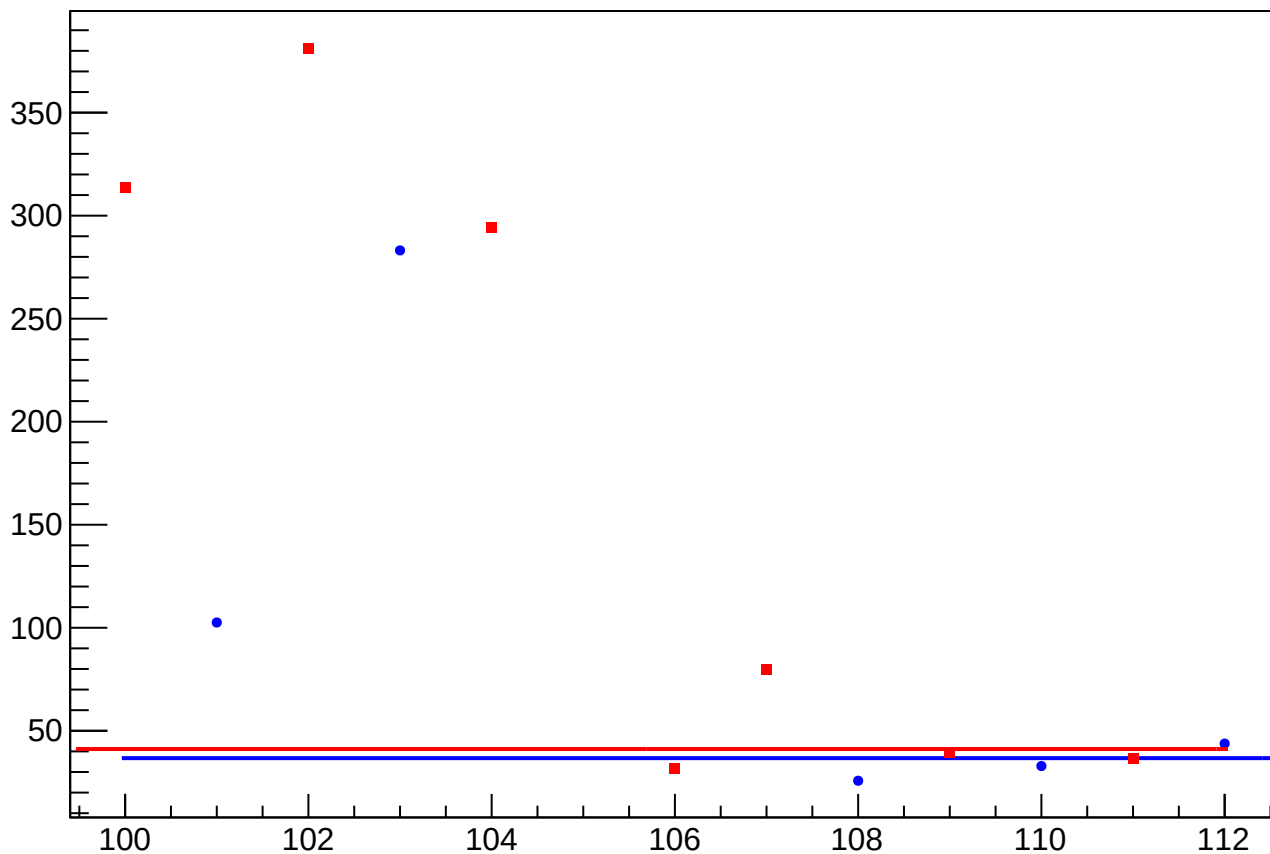
Right: -0.004 $\pm$ 0.022 χ^2 /NDF: 11.5/11

In: 0.022 $\pm$ 0.029 χ^2 /NDF:4.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.022 χ^2 /NDF: 11.5/11

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_slug, Sign Corrected



Right In: 36.720 $\pm$ 0.021 χ^2 /NDF: 1524187.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 41.147 $\pm$ 0.024 χ^2 /NDF: 1580001.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

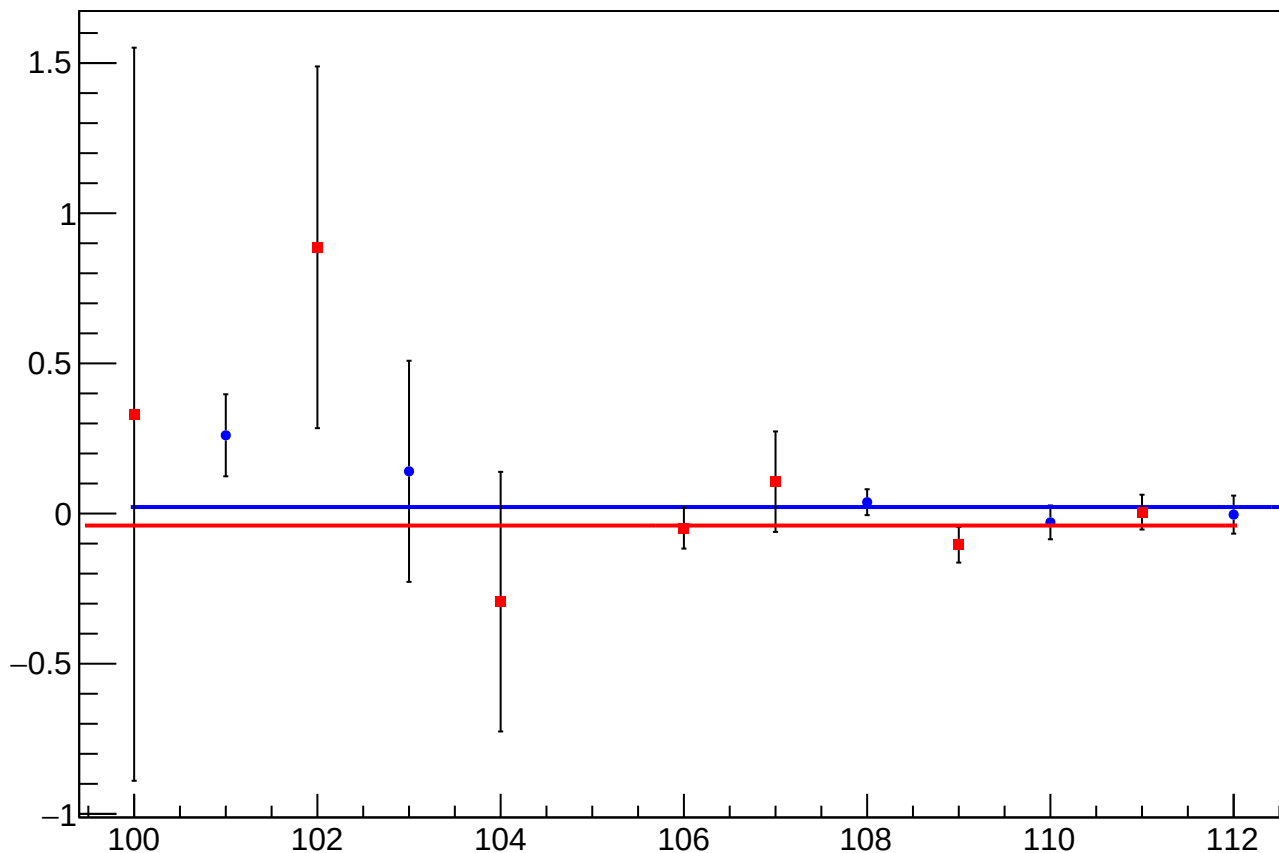
Right: 38.577 $\pm$ 0.016 χ^2 /NDF: 3123322.5/11

In: 36.720 $\pm$ 0.021 χ^2 /NDF:1524187.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 38.577 $\pm$ 0.016 χ^2 /NDF: 3123322.5/11

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.029 χ^2/NDF : 4.3/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.040+/-0.034 χ^2/NDF : 5.3/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

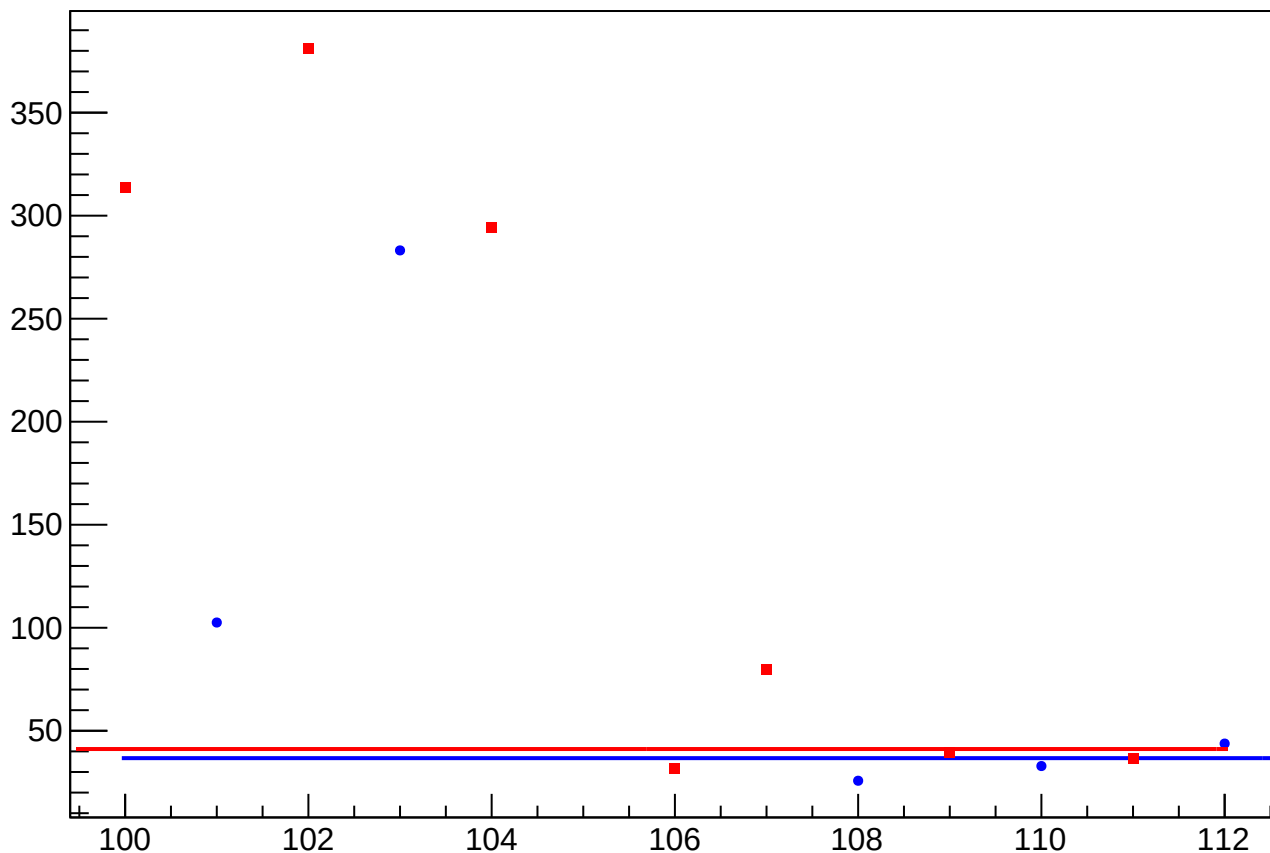
Right: -0.004+/-0.022 χ^2/NDF : 11.5/11

In: 0.022+/-0.029 χ^2/NDF :4.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.004+/-0.022 χ^2/NDF : 11.5/11

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.720+/-0.021 χ^2/NDF : 1524187.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.147+/-0.024 χ^2/NDF : 1580001.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

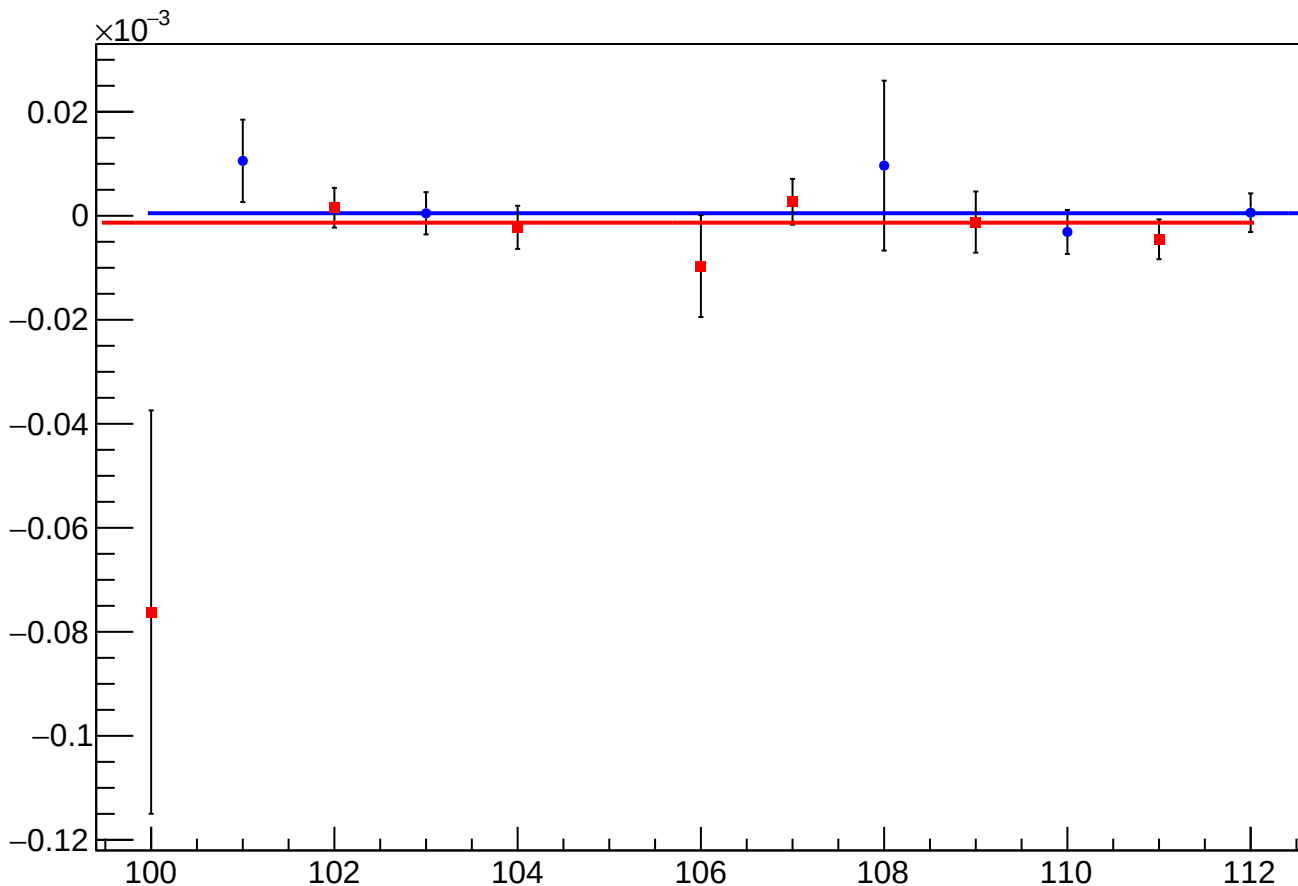
Right: 38.577+/-0.016 χ^2/NDF : 3123322.5/11

In: 36.720+/-0.021 χ^2/NDF : 1524187.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.577+/-0.016 χ^2/NDF : 3123322.5/11

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

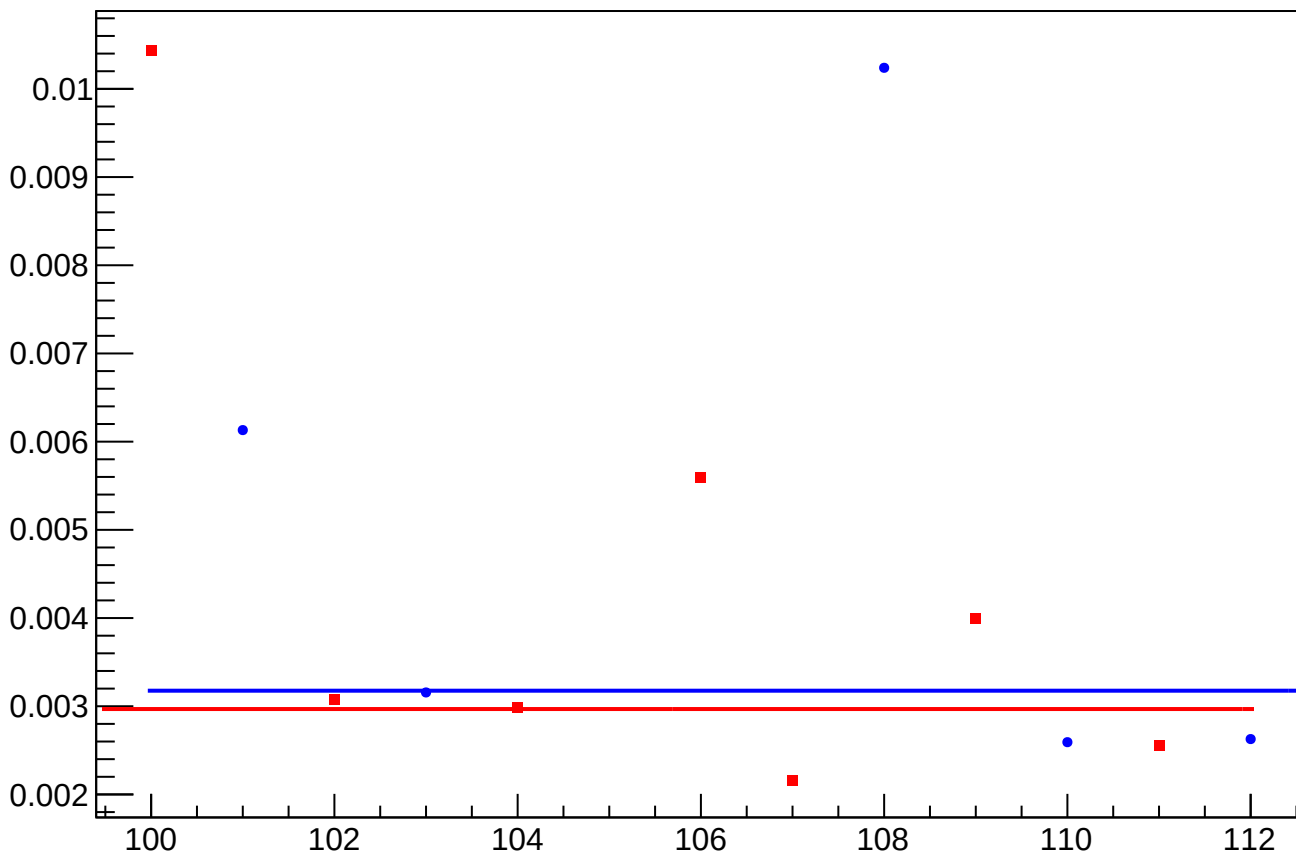
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.6/11

In: 0.000 $\pm$ 0.000 χ^2 /NDF:2.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.6/11

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 733609.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 371382.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

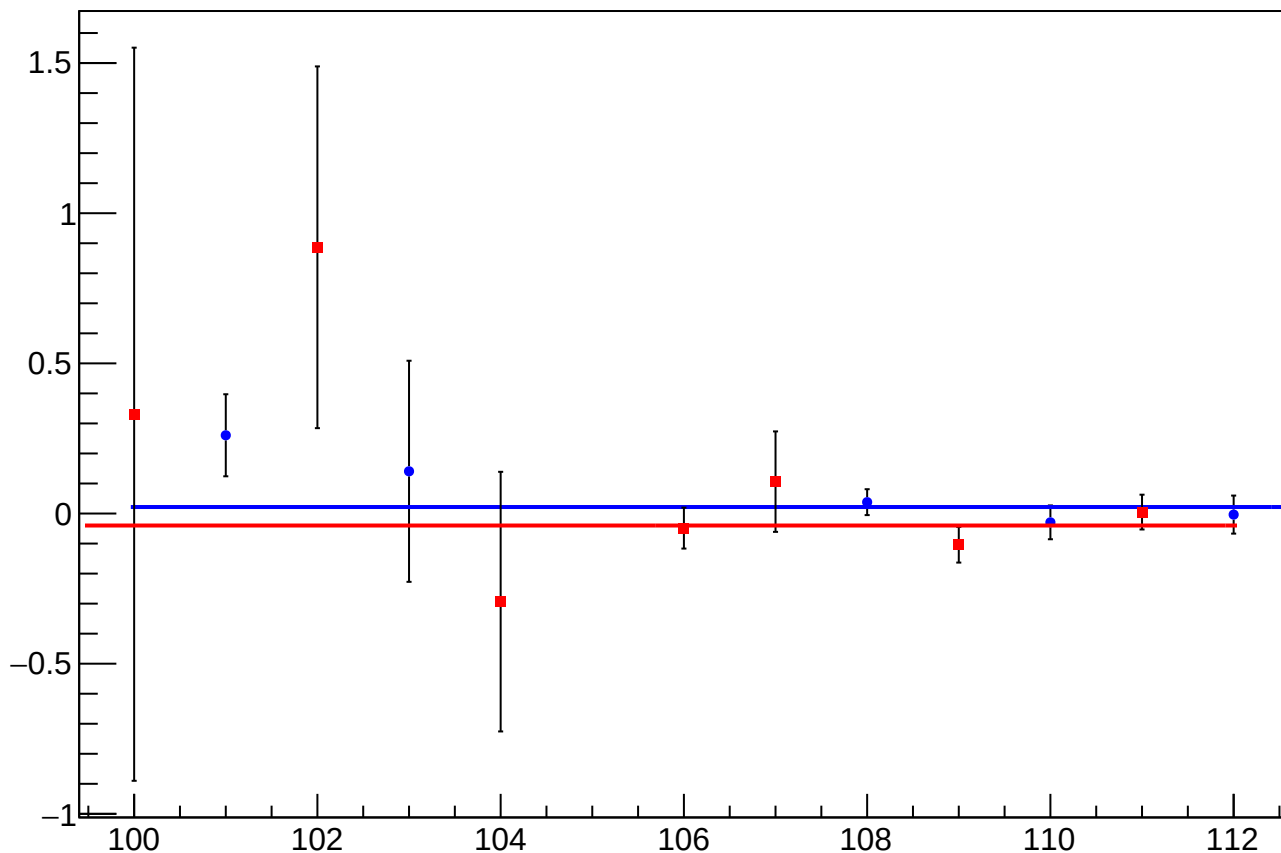
Right: 0.003+/-0.000 χ^2/NDF : 1115433.9/11

In: 0.003+/-0.000 χ^2/NDF : 733609.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 1115433.9/11

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.029 χ^2/NDF : 4.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.040+/-0.034 χ^2/NDF : 5.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

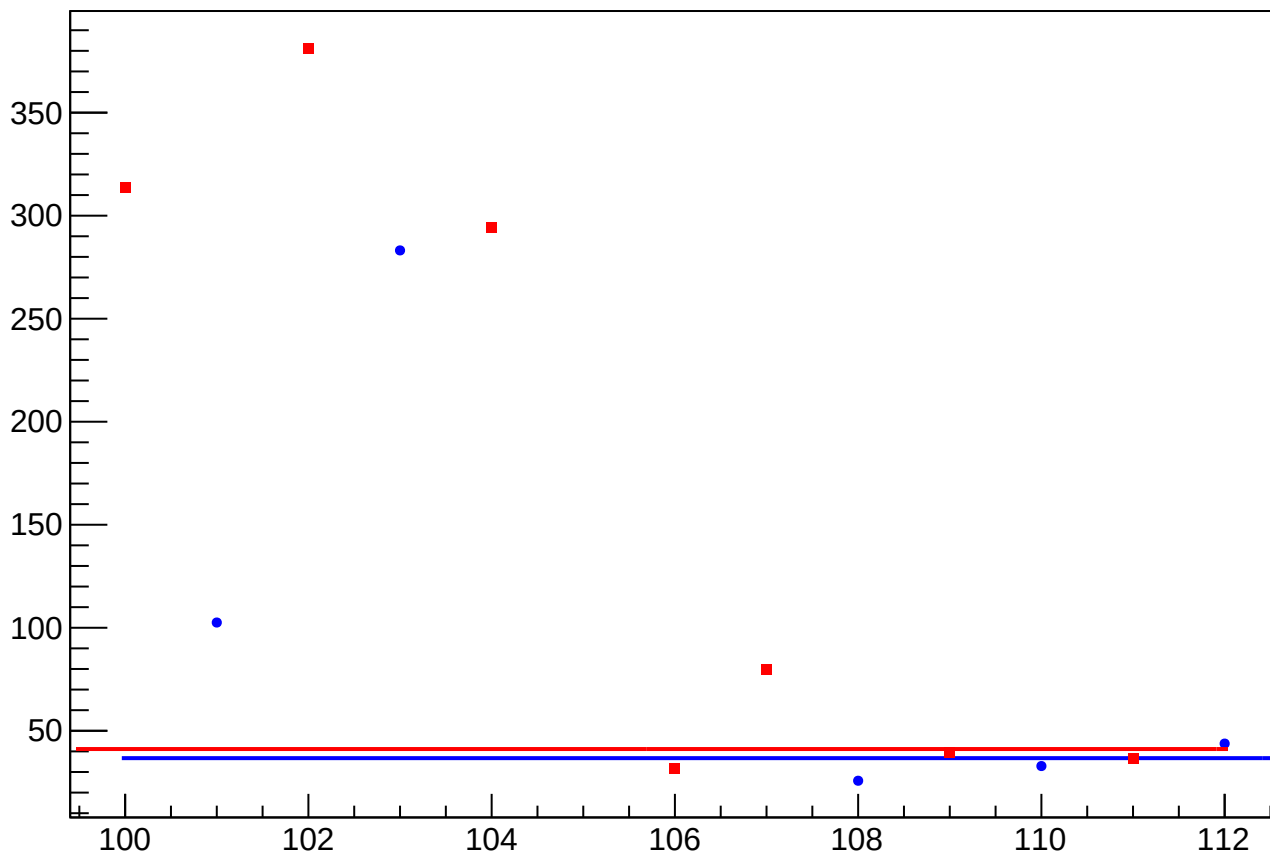
Right: -0.004+/-0.022 χ^2/NDF : 11.5/11

In: 0.022+/-0.029 χ^2/NDF : 4.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.004+/-0.022 χ^2/NDF : 11.5/11

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.723+/-0.021 χ^2/NDF : 1524099.5/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 41.148+/-0.024 χ^2/NDF : 1579985.6/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

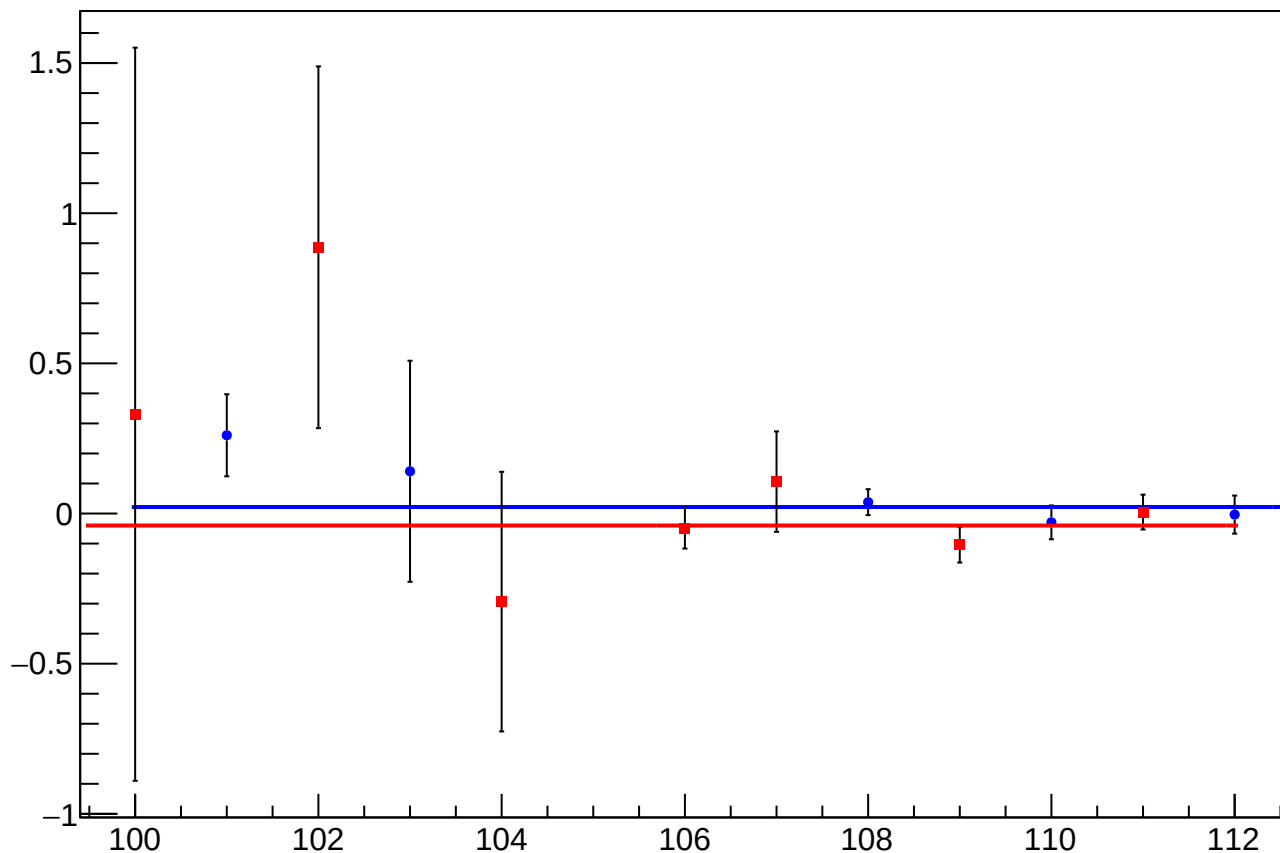
Right: 38.579+/-0.016 χ^2/NDF : 3123202.2/11

In: 36.723+/-0.021 χ^2/NDF :1524099.5/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 38.579+/-0.016 χ^2/NDF : 3123202.2/11

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022 $\pm$ 0.029 χ^2 /NDF: 4.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.040 $\pm$ 0.034 χ^2 /NDF: 5.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

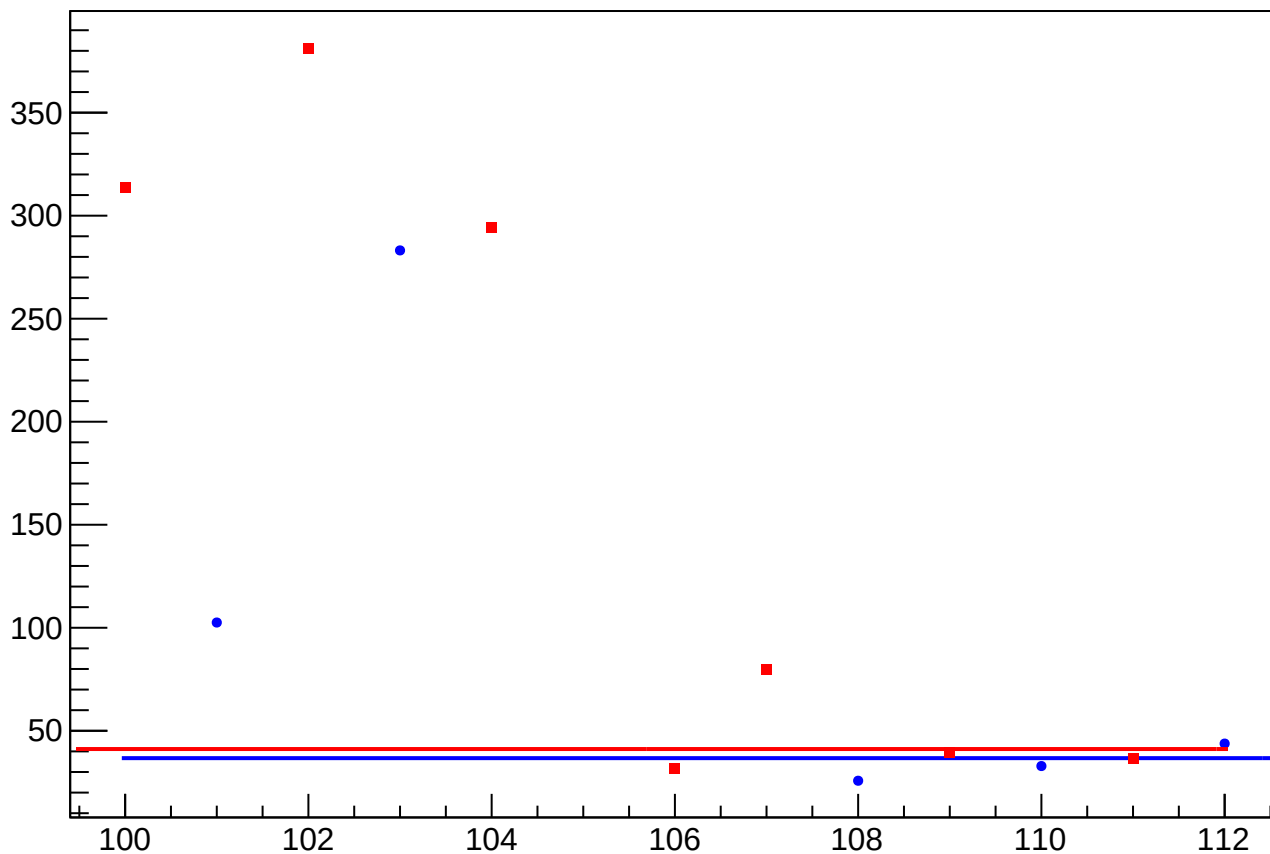
Right: -0.004 $\pm$ 0.022 χ^2 /NDF: 11.5/11

In: 0.022 $\pm$ 0.029 χ^2 /NDF:4.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.022 χ^2 /NDF: 11.5/11

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.723+/-0.021 χ^2/NDF : 1524099.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.148+/-0.024 χ^2/NDF : 1579985.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

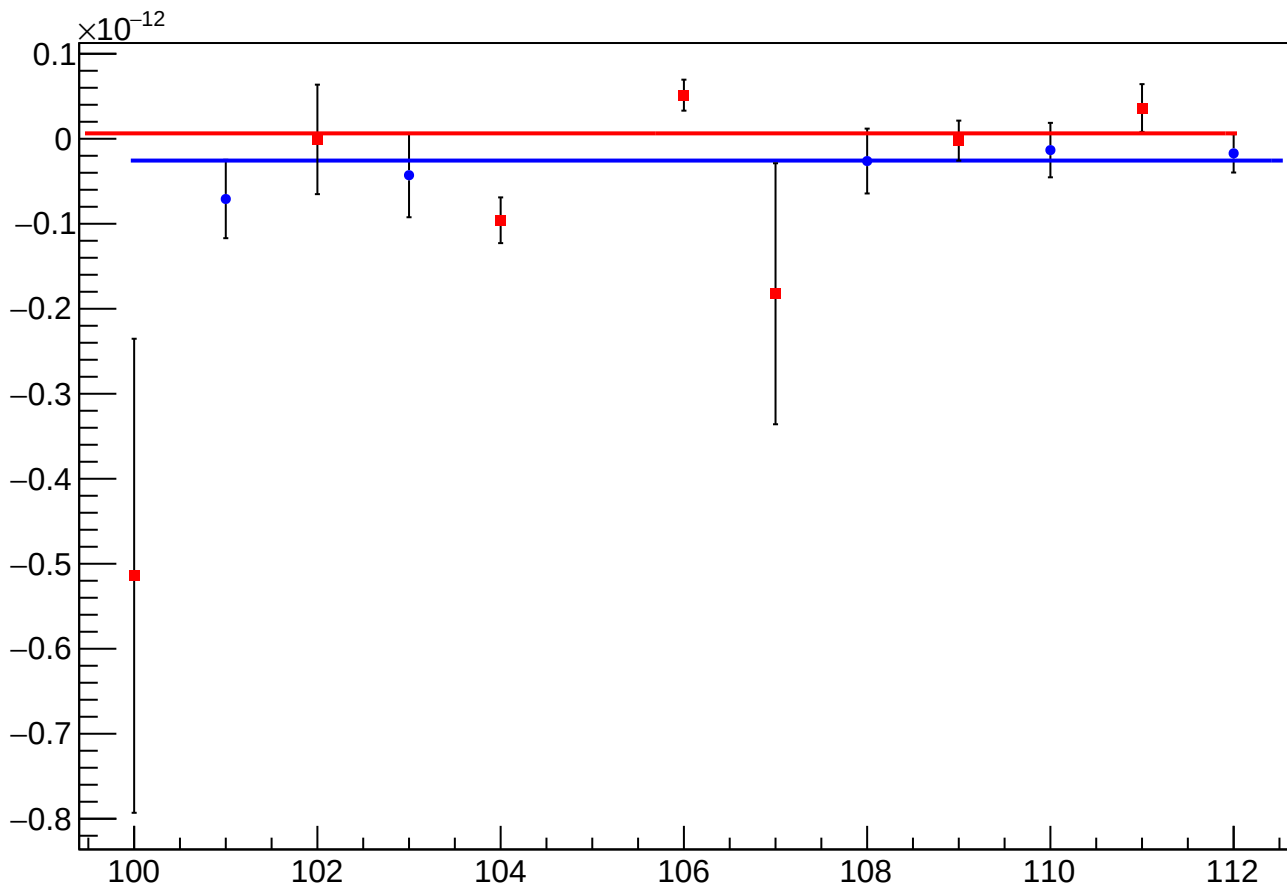
Right: 38.579+/-0.016 χ^2/NDF : 3123202.2/11

In: 36.723+/-0.021 χ^2/NDF : 1524099.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.579+/-0.016 χ^2/NDF : 3123202.2/11

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 : 1.4/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 26.8/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

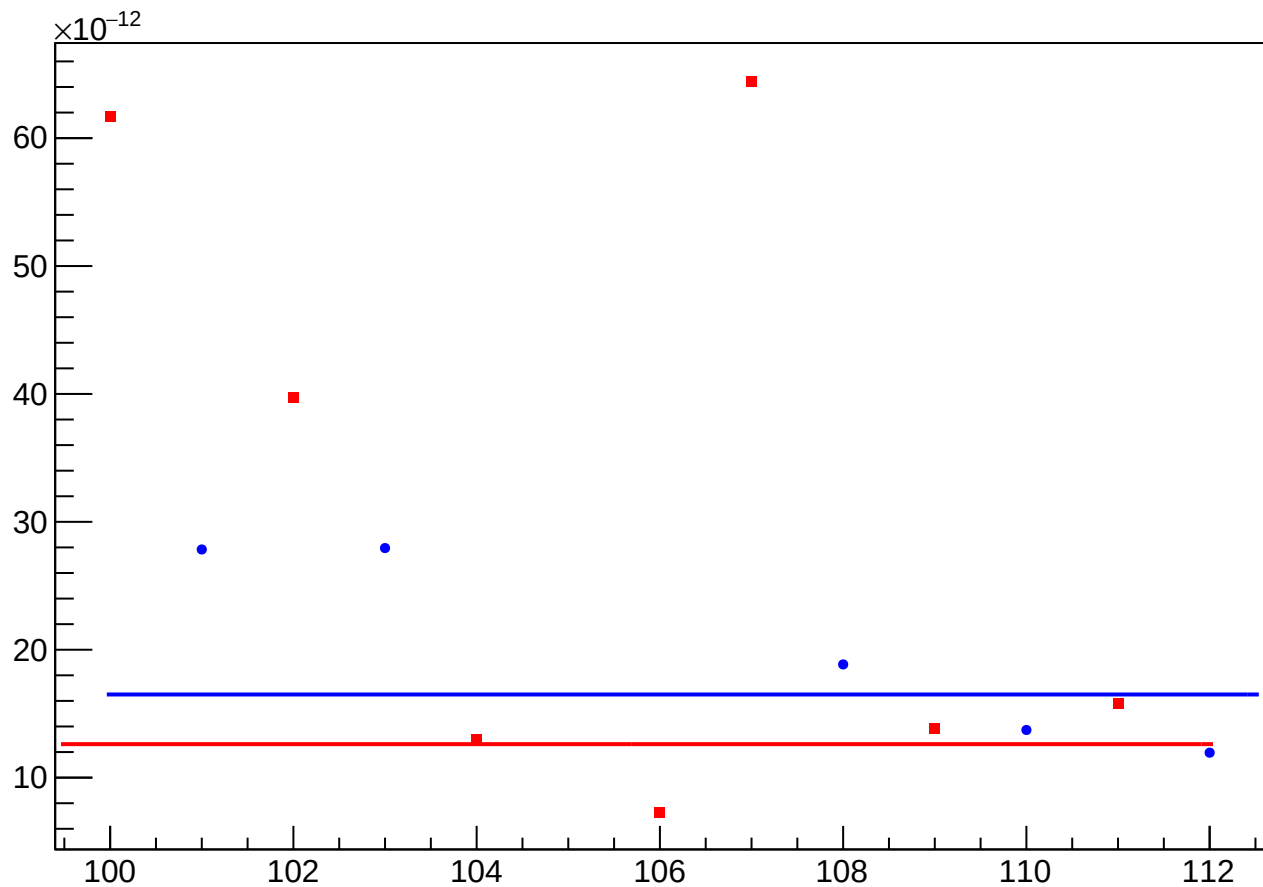
Right: -0.000 ± 0.000 χ^2/NDF : 31.1/11

In: -0.000 ± 0.000 χ^2/NDF : 1.4/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 31.1/11

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 : 331880.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 849110.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

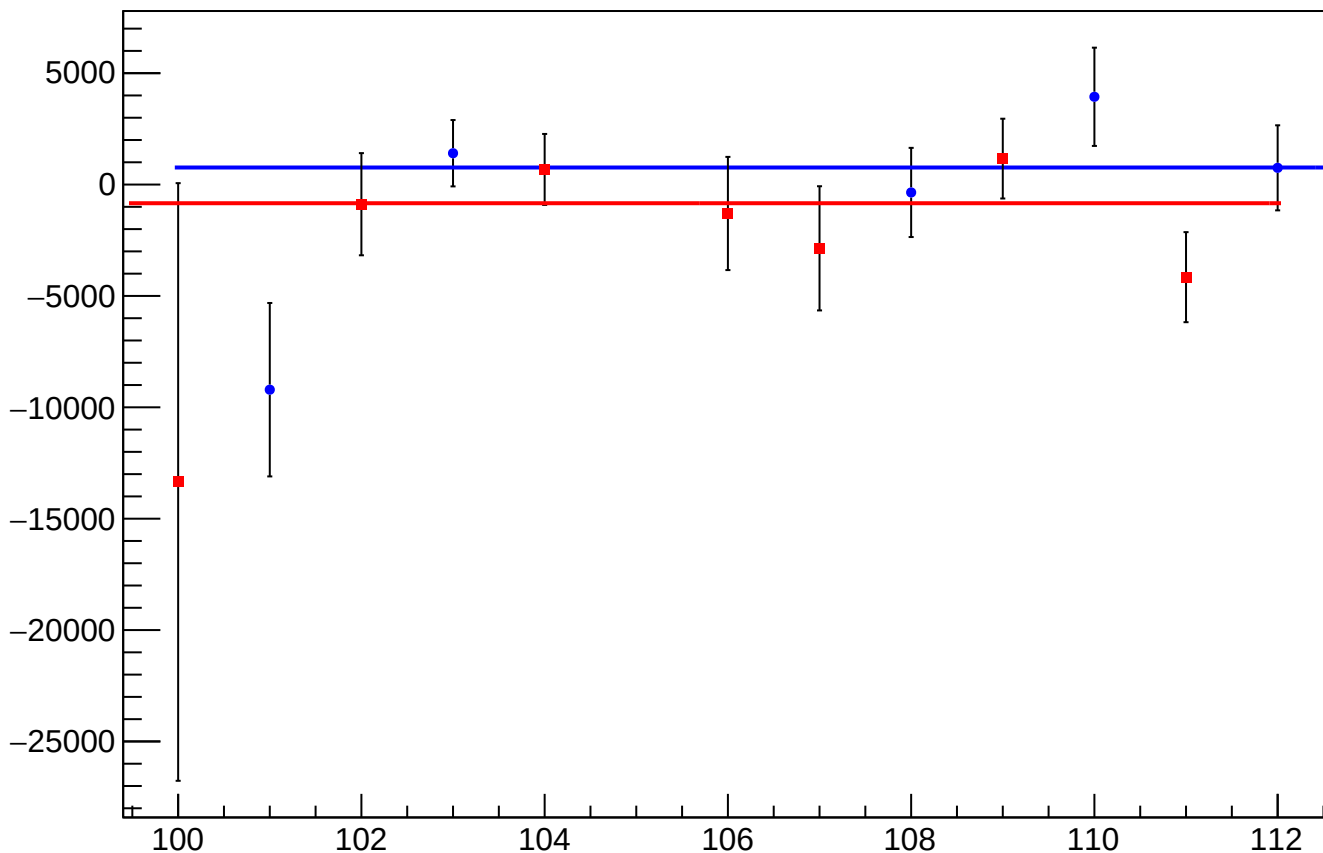
Right: 0.000+/-0.000 χ^2/NDF : 1266878.5/11

In: 0.000+/-0.000 χ^2/NDF : 331880.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1266878.5/11

reg_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 765.583+/-895.778 χ^2/NDF : 9.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -837.841+/-836.254 χ^2/NDF : 6.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

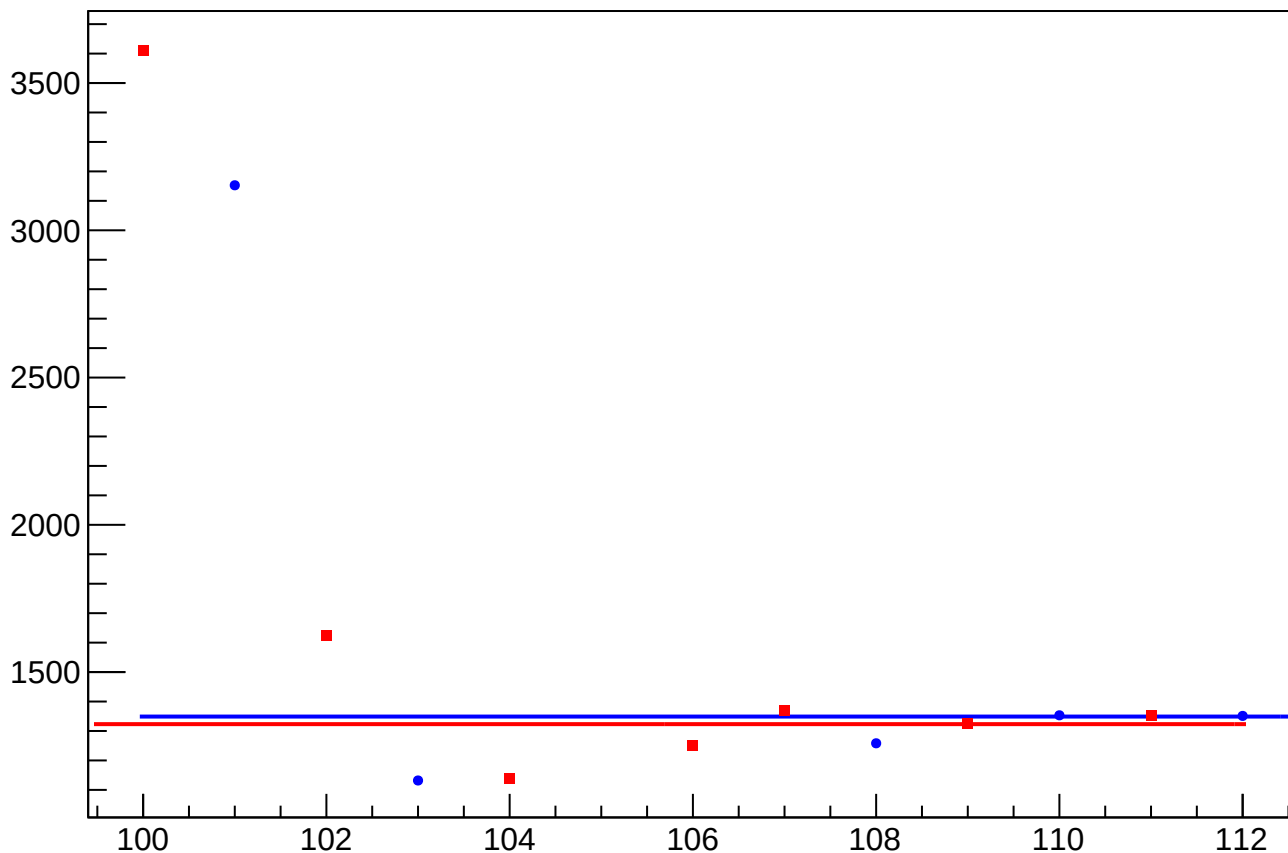
Right: -91.167+/-611.282 χ^2/NDF : 17.1/11

In: 765.583+/-895.778 χ^2/NDF : 9.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -91.167+/-611.282 χ^2/NDF : 17.1/11

reg_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1348.976+/-0.633 χ^2/NDF : 476000.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1323.249+/-0.591 χ^2/NDF : 121510.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

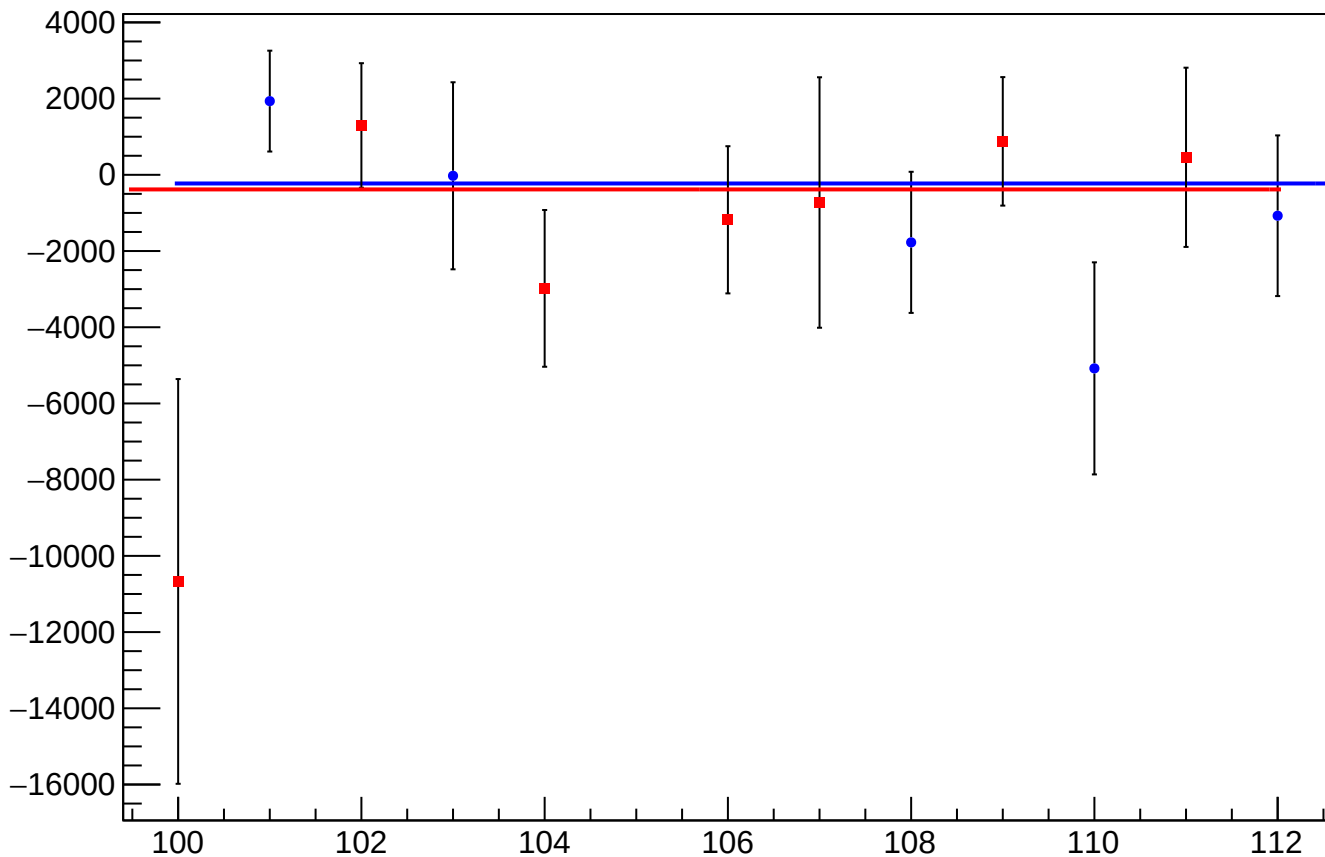
Right: 1335.229+/-0.432 χ^2/NDF : 598392.3/11

In: 1348.976+/-0.633 χ^2/NDF : 476000.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1335.229+/-0.432 χ^2/NDF : 598392.3/11

asym_at1_dd_at2_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -227.352+/-850.449 χ^2/NDF : 6.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -383.174+/-805.960 χ^2/NDF : 7.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

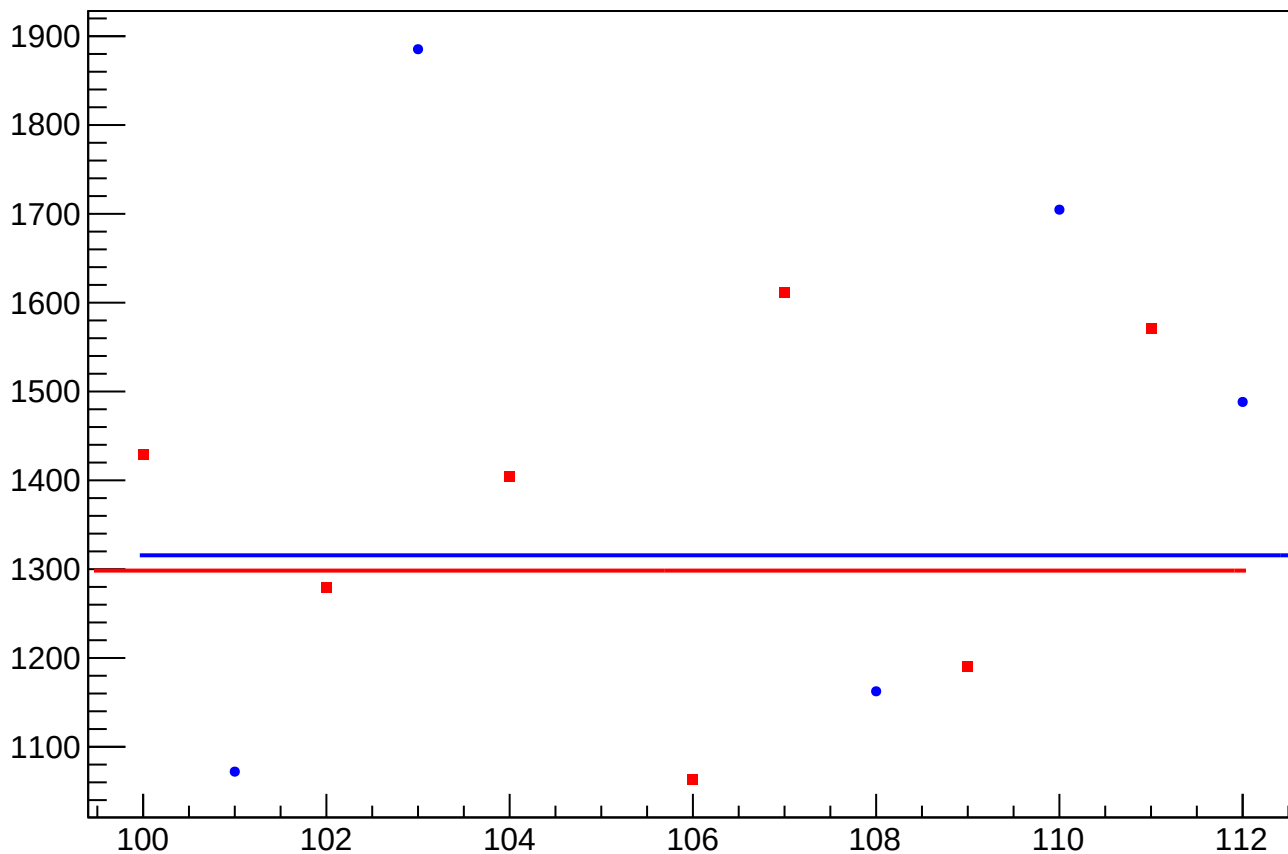
Right: -309.445+/-584.996 χ^2/NDF : 13.9/11

In: -227.352+/-850.449 χ^2/NDF : 6.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -309.445+/-584.996 χ^2/NDF : 13.9/11

asym_at1_dd_at2_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1315.592+/-0.601 χ^2 /NDF: 241675.9/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1298.394+/-0.570 χ^2 /NDF: 89563.9/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

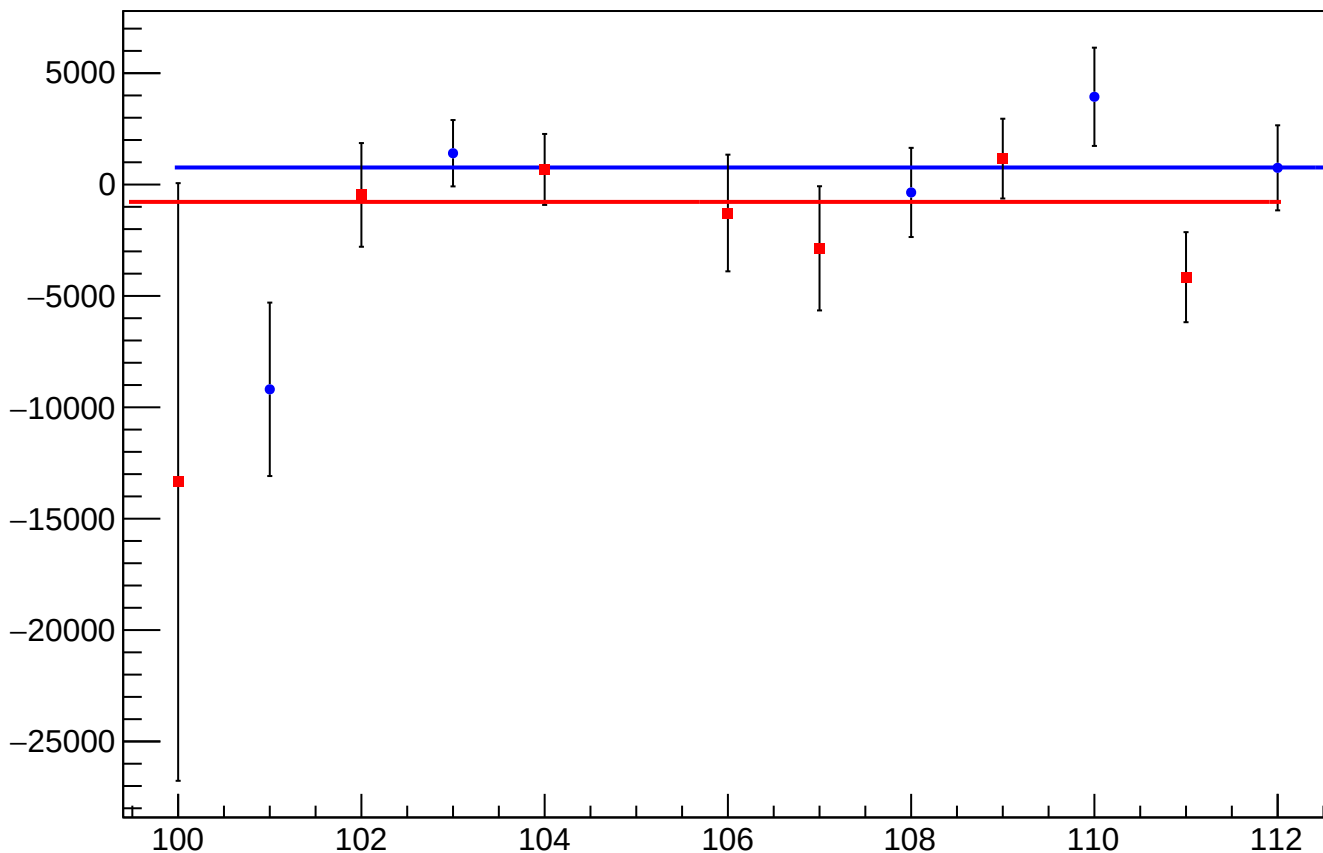
Right: 1306.532+/-0.414 χ^2 /NDF: 331670.7/11

In: 1315.592+/-0.601 χ^2 /NDF:241675.9/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1306.532+/-0.414 χ^2 /NDF: 331670.7/11

cor_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 766.495+/-895.778 χ^2/NDF : 9.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -778.382+/-840.585 χ^2/NDF : 6.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

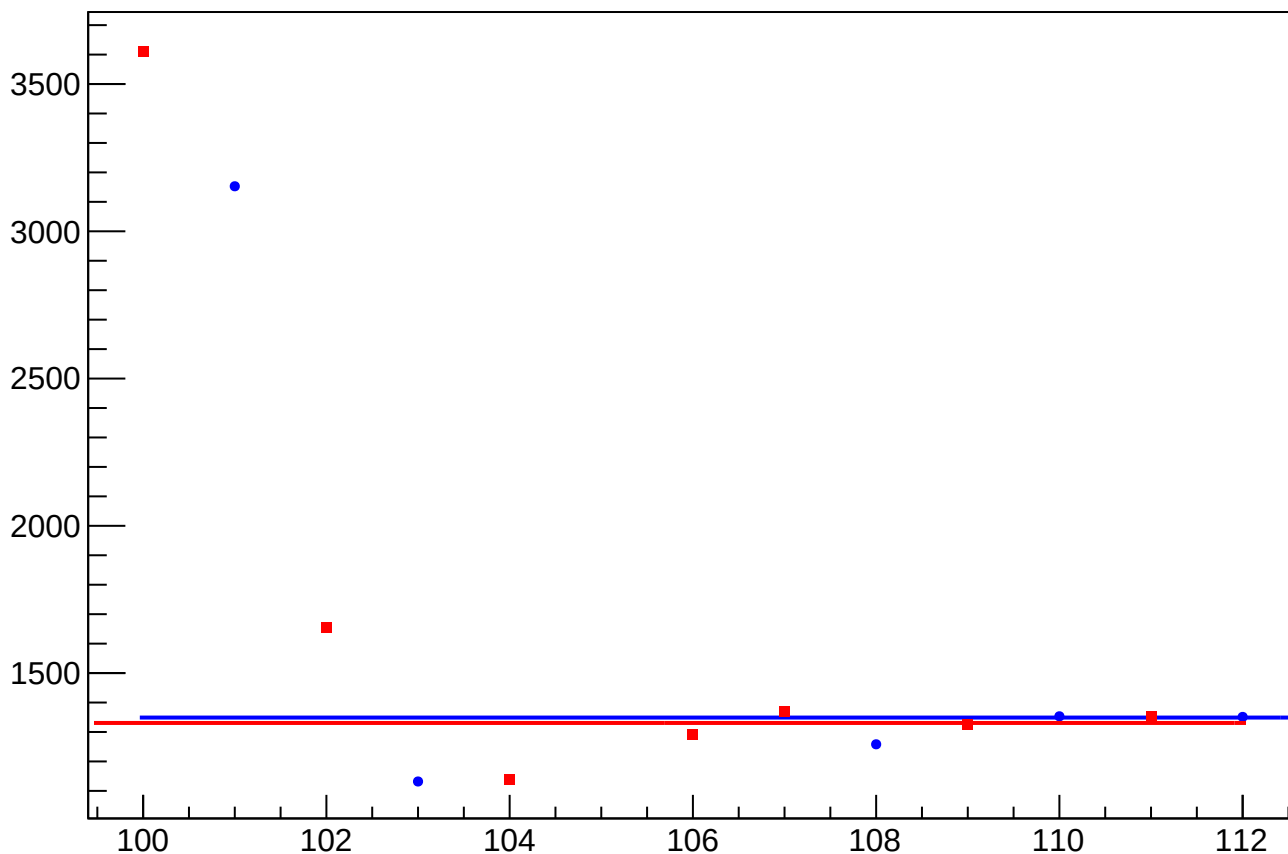
Right: -55.001+/-612.967 χ^2/NDF : 17.0/11

In: 766.495+/-895.778 χ^2/NDF : 9.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.001+/-612.967 χ^2/NDF : 17.0/11

cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1348.976+/-0.633 χ^2/NDF : 476002.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1330.655+/-0.594 χ^2/NDF : 126391.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

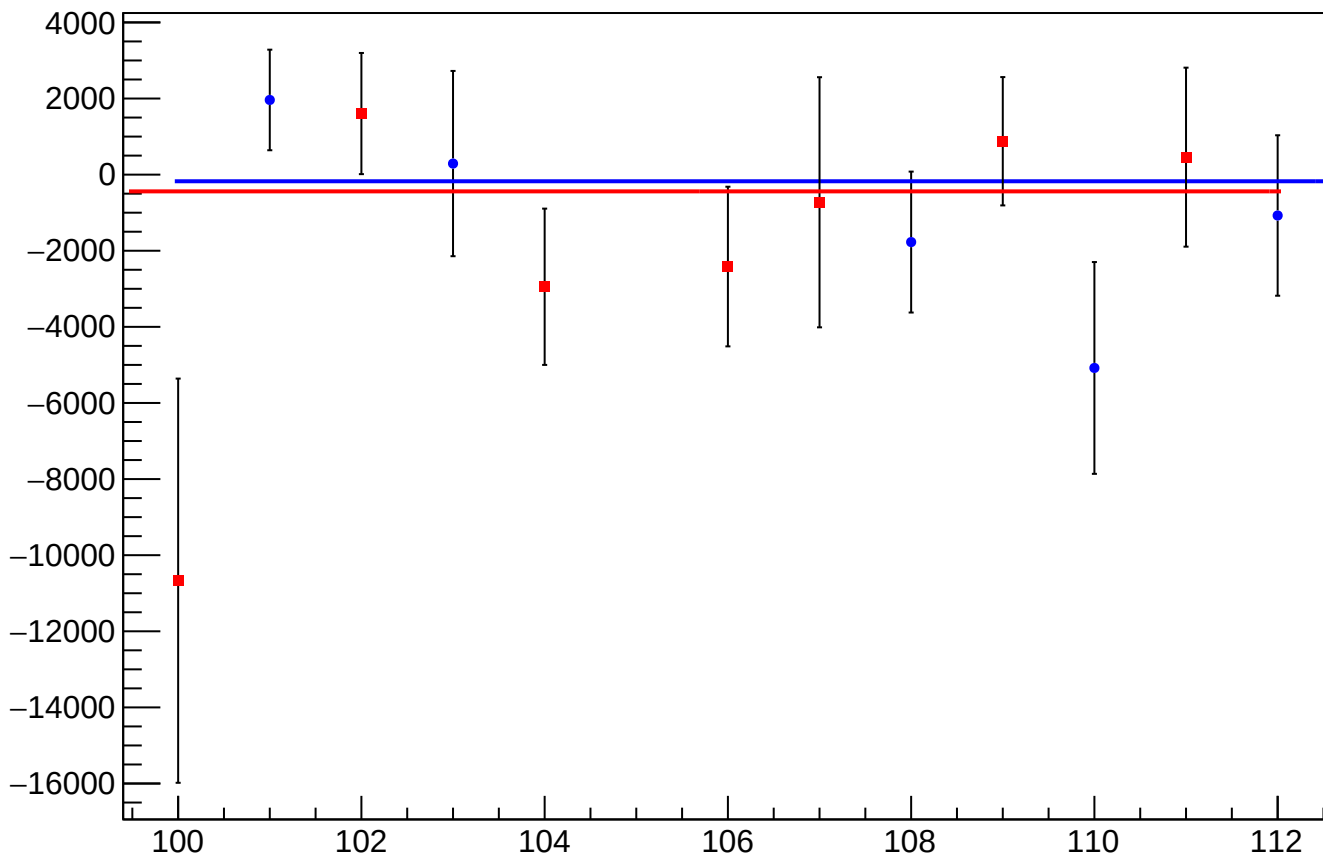
Right: 1339.234+/-0.433 χ^2/NDF : 602838.2/11

In: 1348.976+/-0.633 χ^2/NDF : 476002.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1339.234+/-0.433 χ^2/NDF : 602838.2/11

asym_at1_dd_at2_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -174.146+/-849.047 χ^2/NDF : 6.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -439.866+/-811.245 χ^2/NDF : 8.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

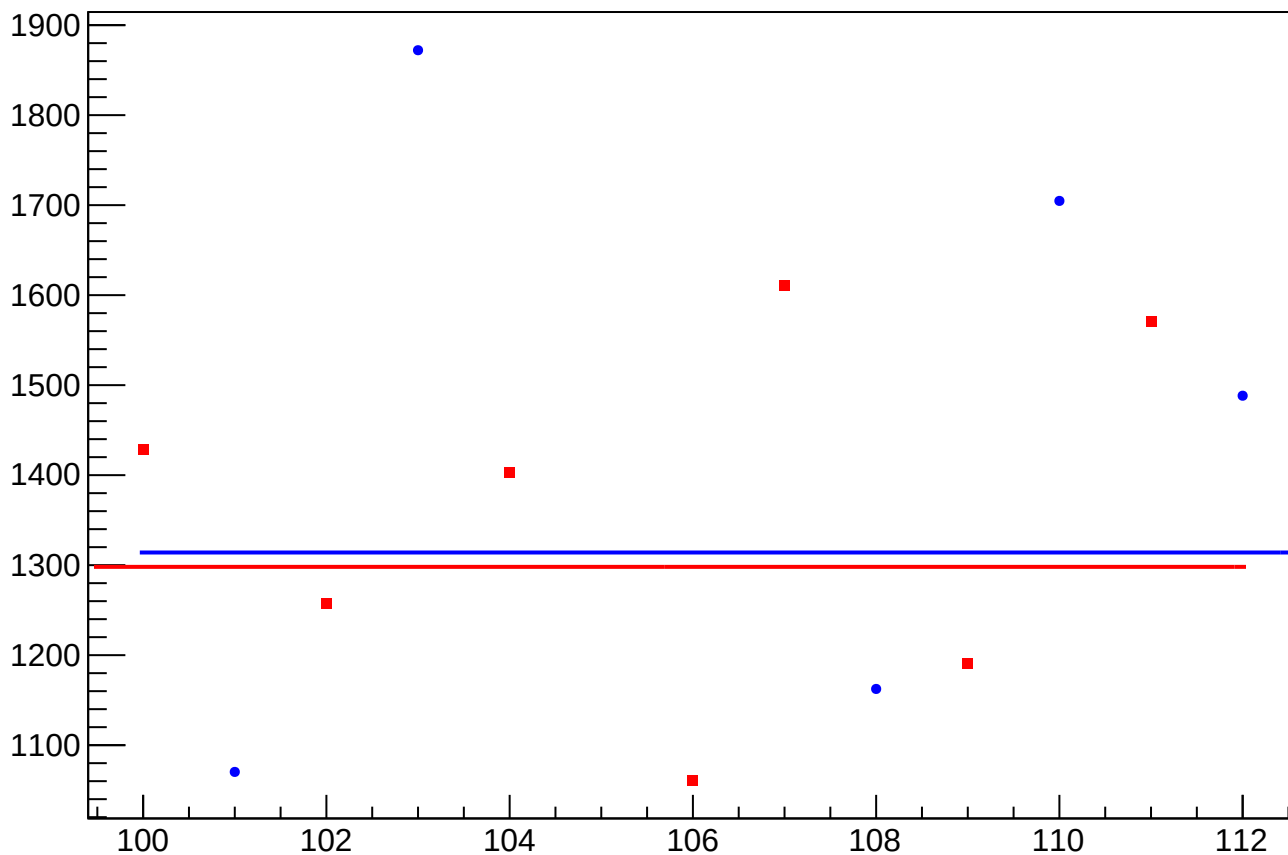
Right: -313.053+/-586.545 χ^2/NDF : 15.2/11

In: -174.146+/-849.047 χ^2/NDF : 6.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -313.053+/-586.545 χ^2/NDF : 15.2/11

asym_at1_dd_at2_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1314.065+/-0.600 χ^2/NDF : 239656.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.108+/-0.574 χ^2/NDF : 86465.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

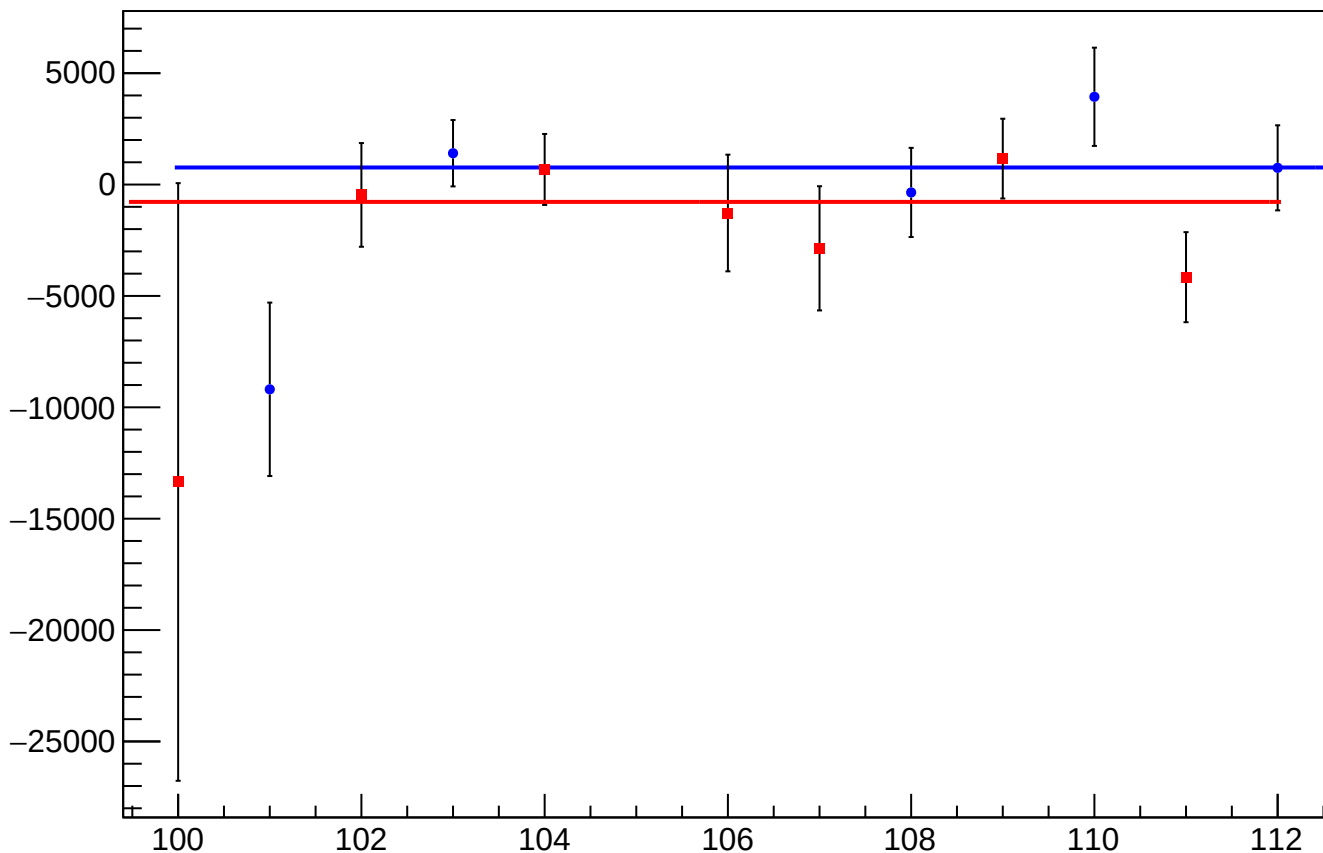
Right: 1305.724+/-0.415 χ^2/NDF : 326491.0/11

In: 1314.065+/-0.600 χ^2/NDF : 239656.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1305.724+/-0.415 χ^2/NDF : 326491.0/11

eigen_cor_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 766.495+/-895.778 χ^2 /NDF: 9.1/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -778.382+/-840.585 χ^2 /NDF: 6.3/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

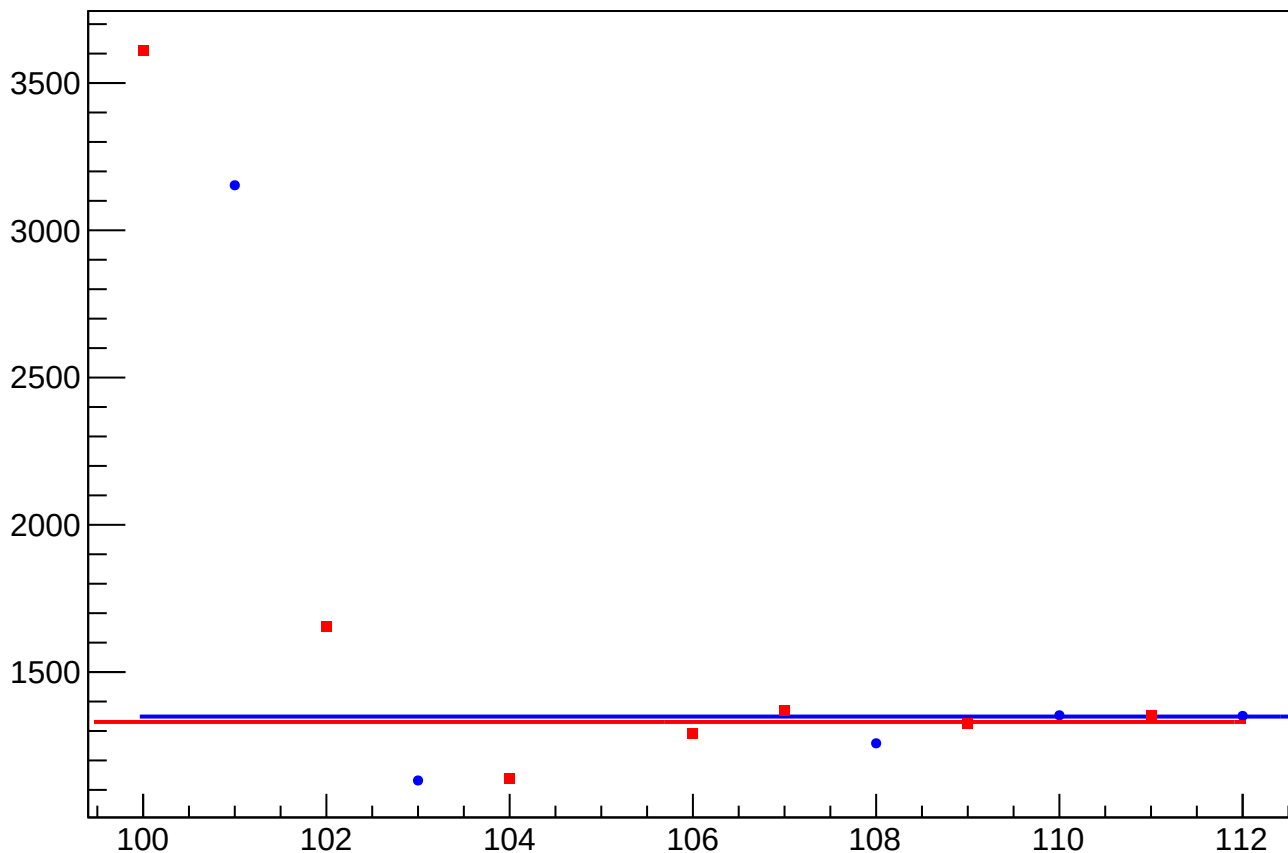
Right: -55.001+/-612.967 χ^2 /NDF: 17.0/11

In: 766.495+/-895.778 χ^2 /NDF:9.1/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -55.001+/-612.967 χ^2 /NDF: 17.0/11

eigen_cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1348.976+/-0.633 χ^2/NDF : 476002.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1330.655+/-0.594 χ^2/NDF : 126391.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

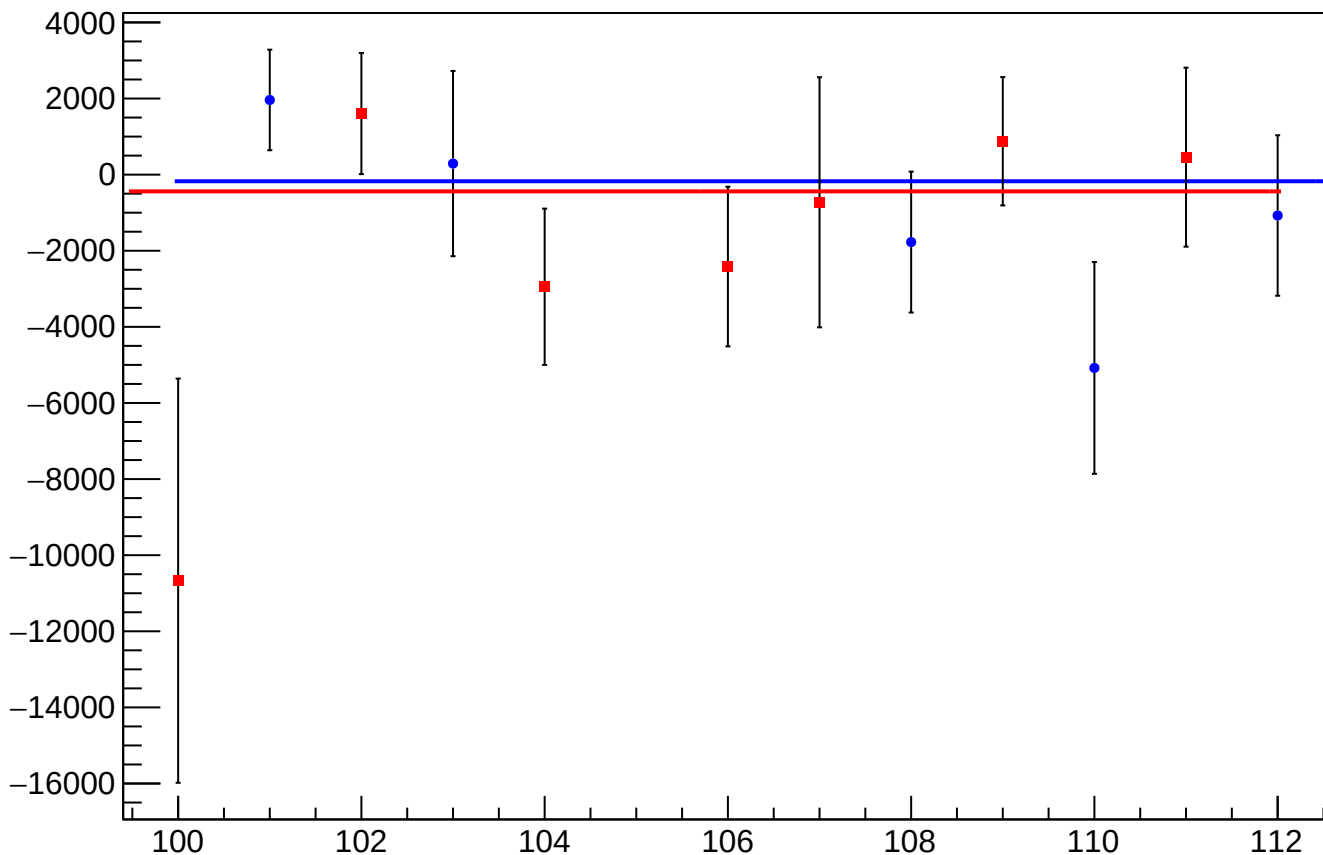
Right: 1339.234+/-0.433 χ^2/NDF : 602838.2/11

In: 1348.976+/-0.633 χ^2/NDF : 476002.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1339.234+/-0.433 χ^2/NDF : 602838.2/11

asym_at1_dd_at2_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -174.146+/-849.047 χ^2 /NDF: 6.7/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -439.866+/-811.245 χ^2 /NDF: 8.5/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

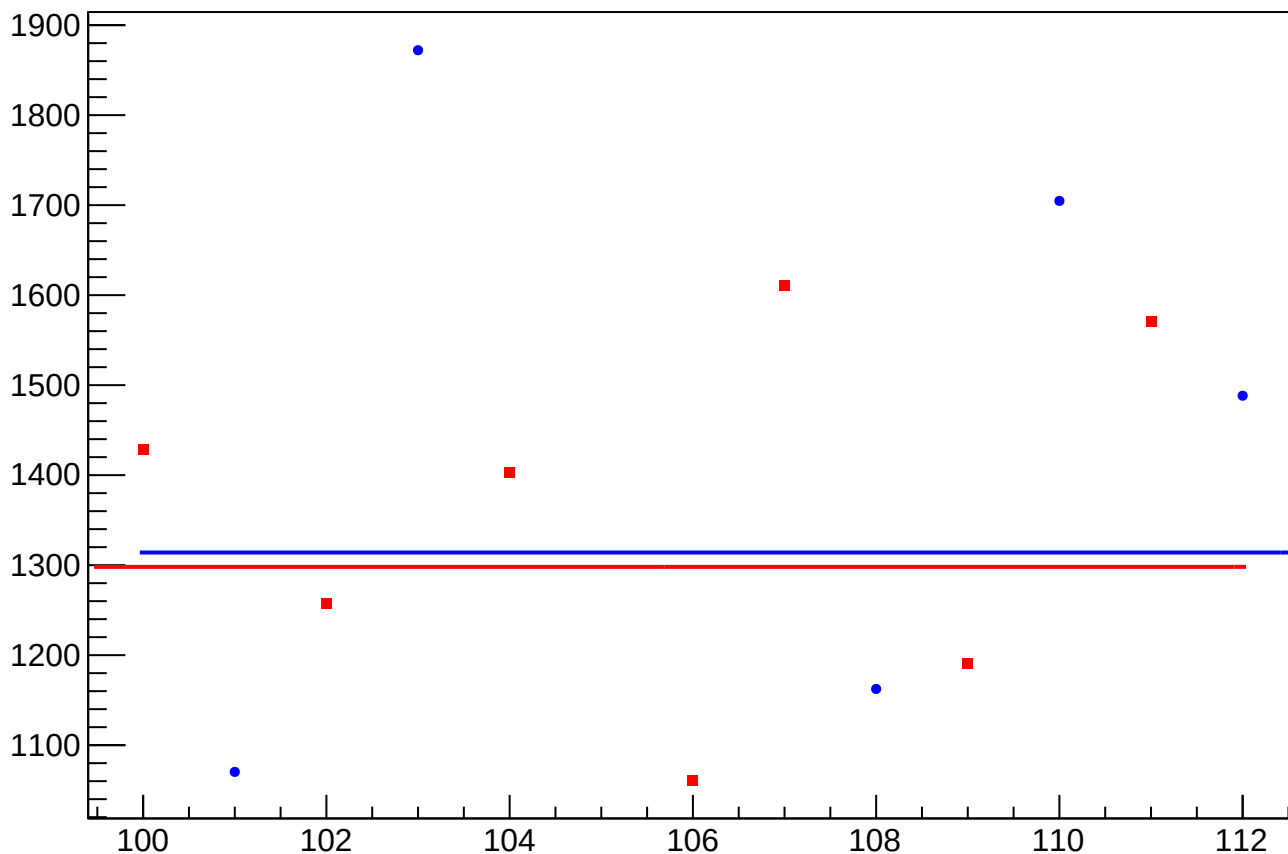
Right: -313.053+/-586.545 χ^2 /NDF: 15.2/11

In: -174.146+/-849.047 χ^2 /NDF:6.7/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -313.053+/-586.545 χ^2 /NDF: 15.2/11

asym_at1_dd_at2_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1314.065+/-0.600 χ^2/NDF : 239656.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.108+/-0.574 χ^2/NDF : 86465.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

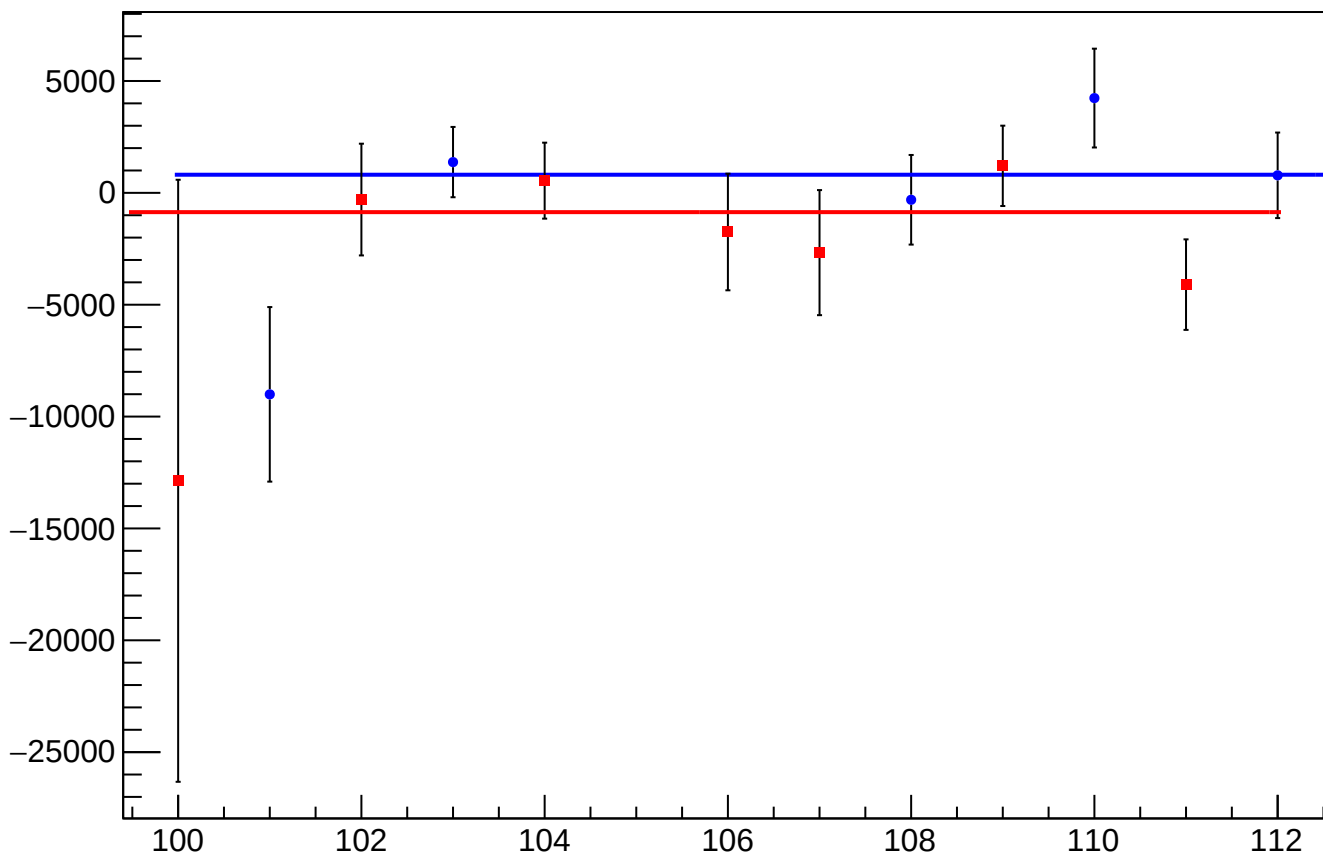
Right: 1305.724+/-0.415 χ^2/NDF : 326491.0/11

In: 1314.065+/-0.600 χ^2/NDF : 239656.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1305.724+/-0.415 χ^2/NDF : 326491.0/11

dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 810.245+/-913.370 χ^2/NDF : 9.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -861.943+/-863.107 χ^2/NDF : 6.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

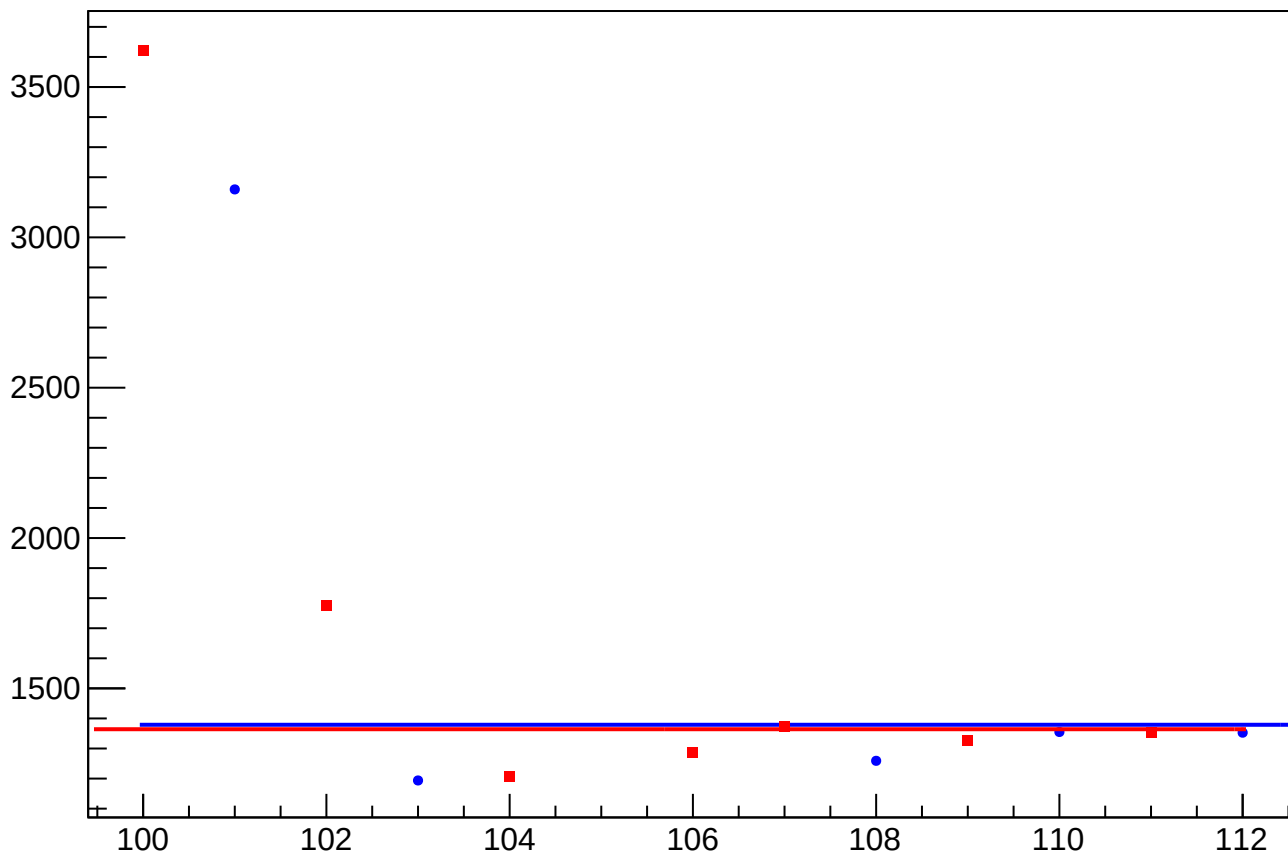
Right: -73.124+/-627.326 χ^2/NDF : 16.9/11

In: 810.245+/-913.370 χ^2/NDF : 9.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -73.124+/-627.326 χ^2/NDF : 16.9/11

dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1378.939+/-0.646 χ^2/NDF : 452153.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1364.144+/-0.610 χ^2/NDF : 130375.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

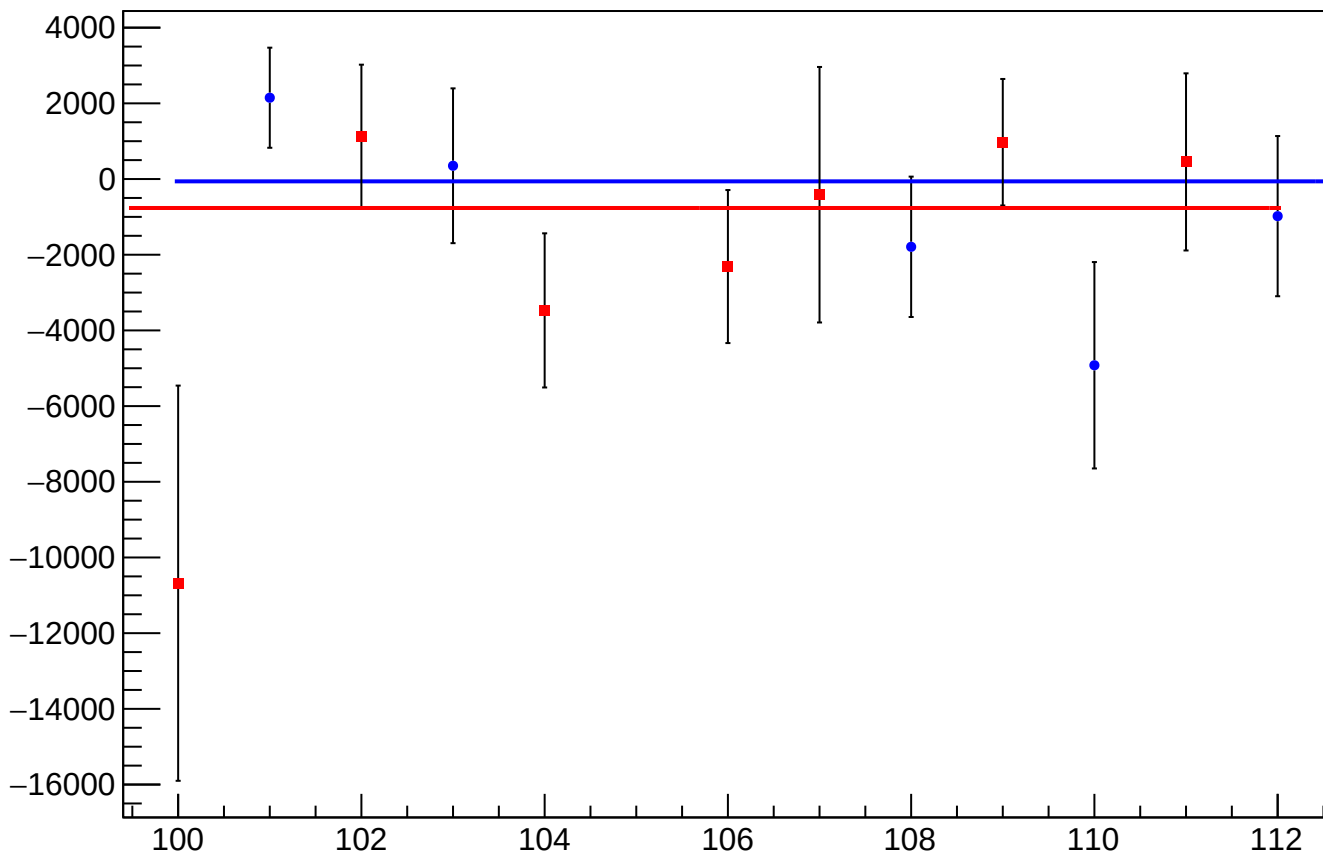
Right: 1371.123+/-0.444 χ^2/NDF : 582806.2/11

In: 1378.939+/-0.646 χ^2/NDF : 452153.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1371.123+/-0.444 χ^2/NDF : 582806.2/11

asym_at1_dd_at2_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -61.129+/-827.842 χ^2/NDF : 7.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -765.102+/-837.266 χ^2/NDF : 8.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

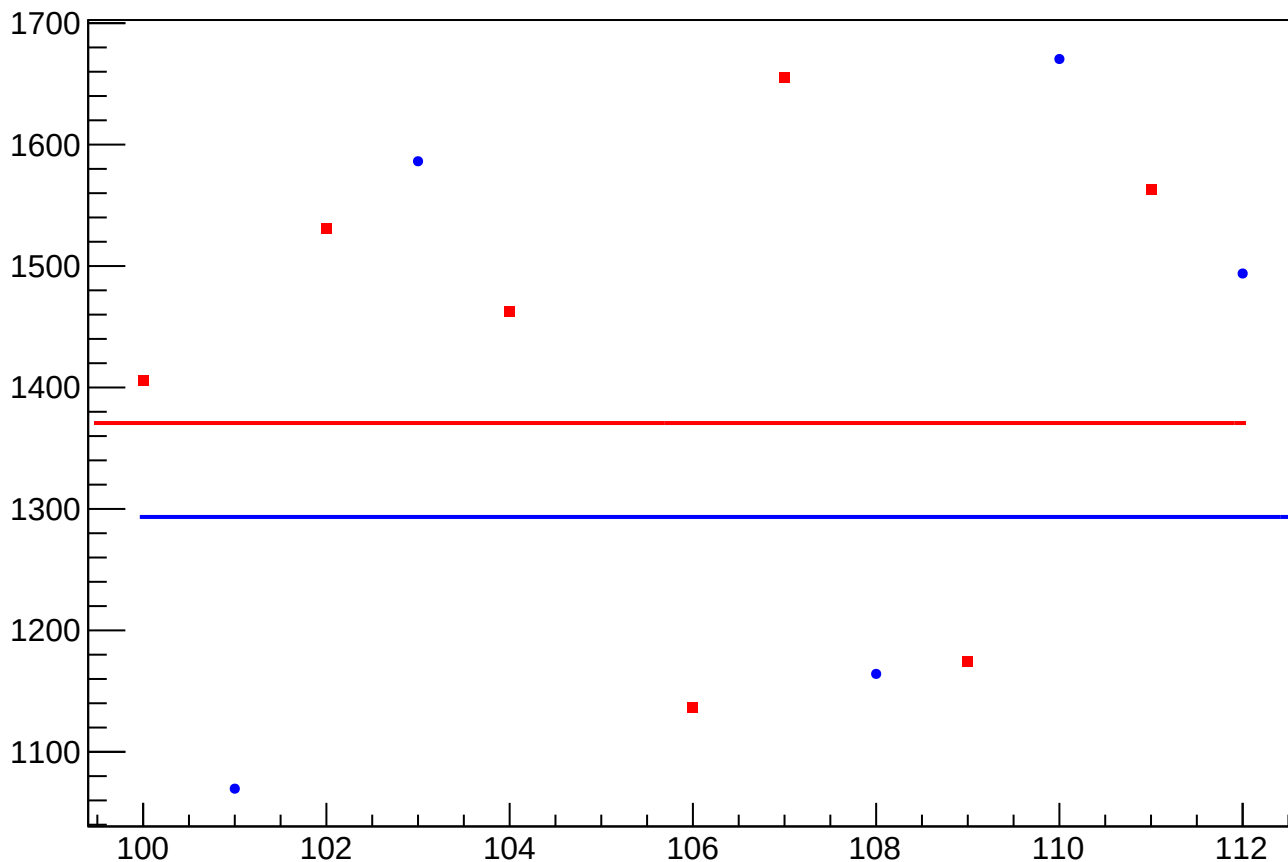
Right: -409.132+/-588.676 χ^2/NDF : 15.7/11

In: -61.129+/-827.842 χ^2/NDF : 7.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -409.132+/-588.676 χ^2/NDF : 15.7/11

asym_at1_dd_at2_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1293.408+/-0.585 χ^2/NDF : 164125.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1370.739+/-0.592 χ^2/NDF : 100558.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

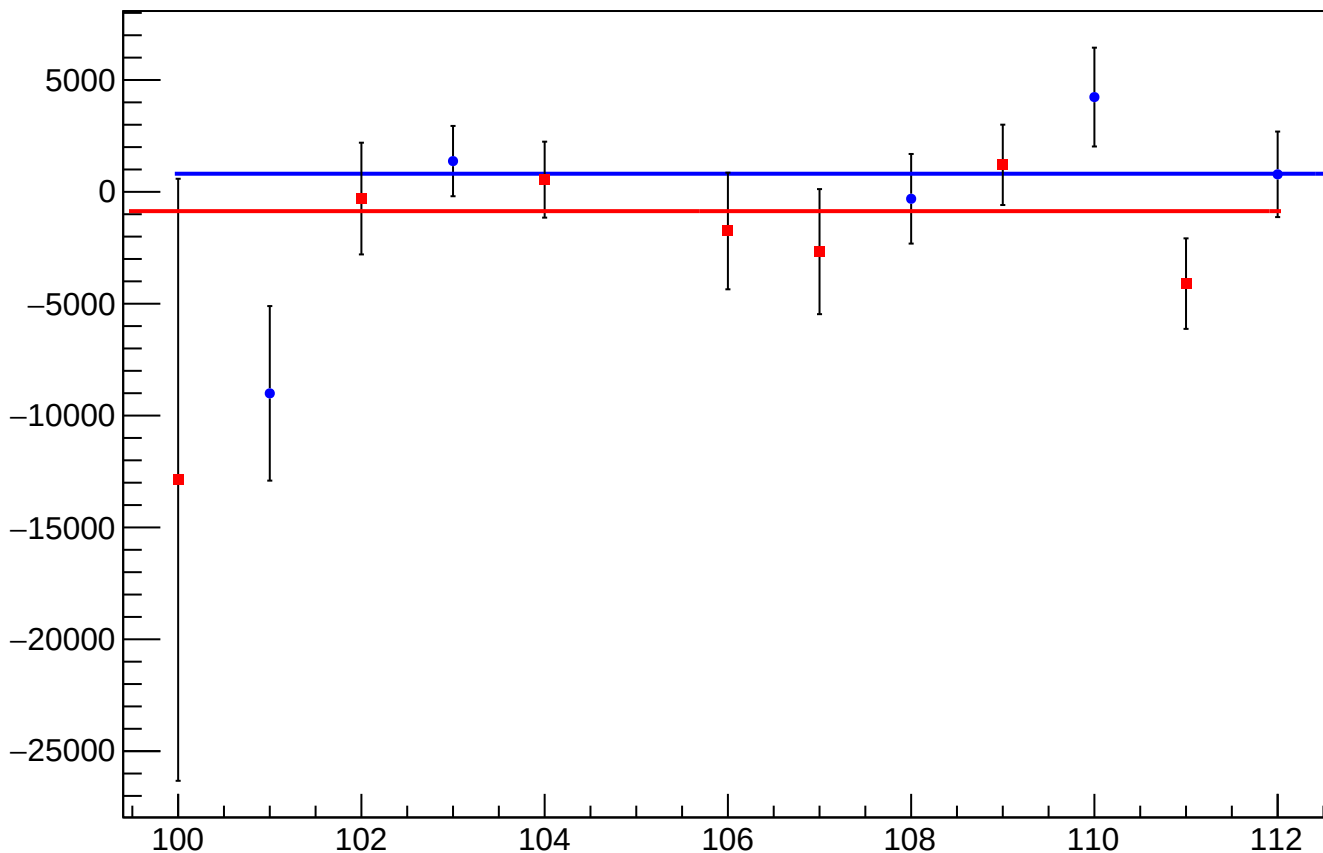
Right: 1331.636+/-0.416 χ^2/NDF : 273311.6/11

In: 1293.408+/-0.585 χ^2/NDF : 164125.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1331.636+/-0.416 χ^2/NDF : 273311.6/11

eigen_dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 810.241+/-913.370 χ^2/NDF : 9.2/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -861.943+/-863.106 χ^2/NDF : 6.0/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

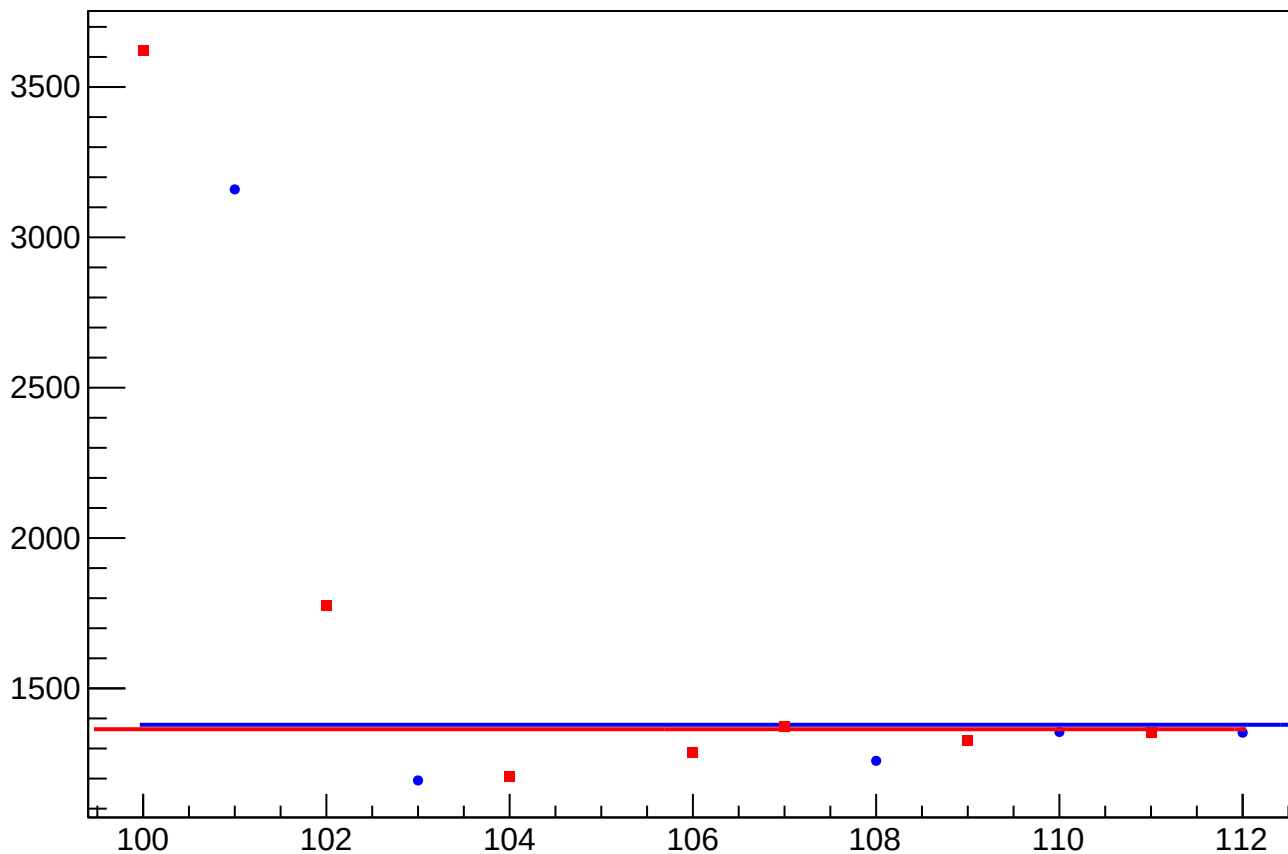
Right: -73.126+/-627.325 χ^2/NDF : 16.9/11

In: 810.241+/-913.370 χ^2/NDF :9.2/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -73.126+/-627.325 χ^2/NDF : 16.9/11

eigen_dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1378.938+/-0.646 χ^2/NDF : 452154.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1364.143+/-0.610 χ^2/NDF : 130375.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

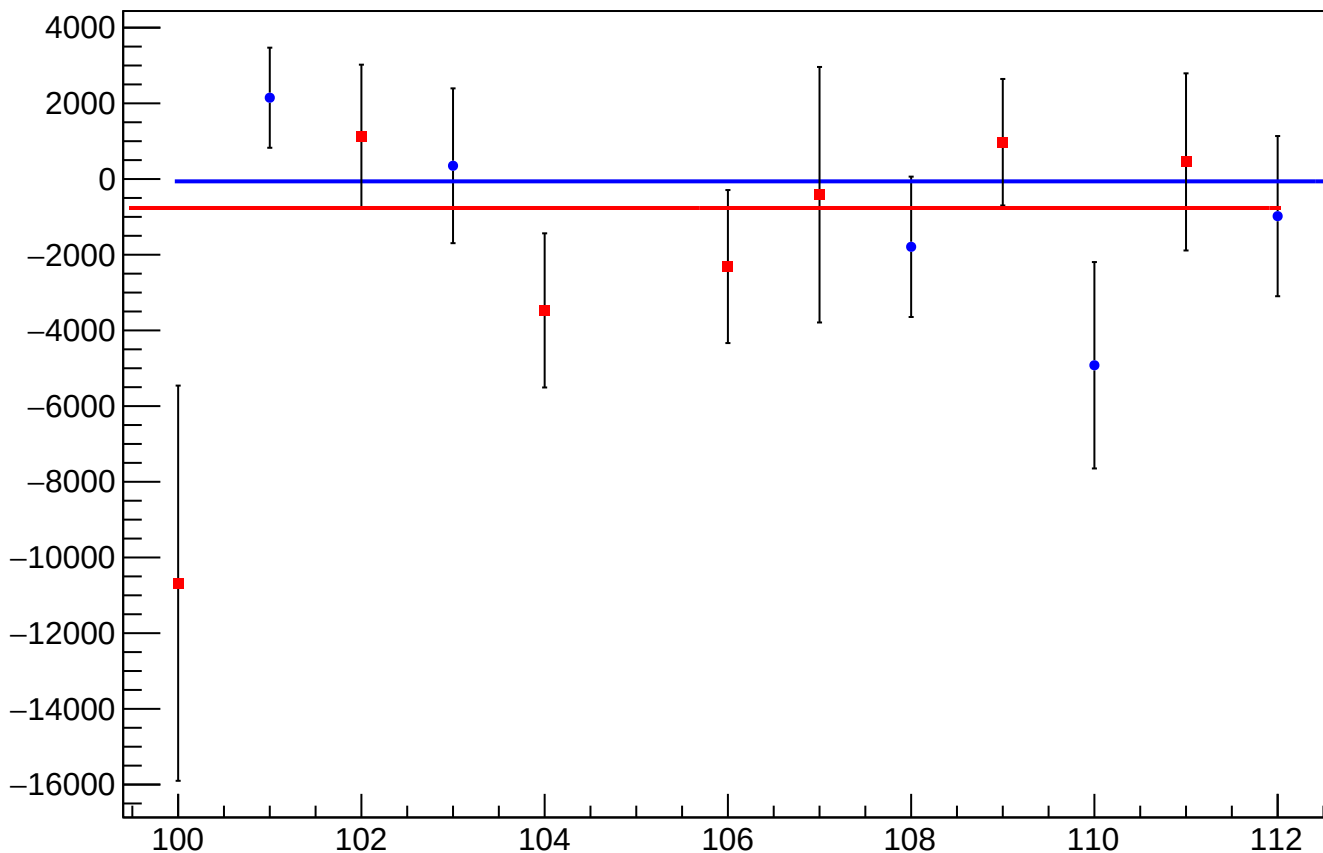
Right: 1371.122+/-0.444 χ^2/NDF : 582806.4/11

In: 1378.938+/-0.646 χ^2/NDF : 452154.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1371.122+/-0.444 χ^2/NDF : 582806.4/11

asym_at1_dd_at2_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -61.128+/-827.839 χ^2/NDF : 7.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -765.105+/-837.266 χ^2/NDF : 8.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

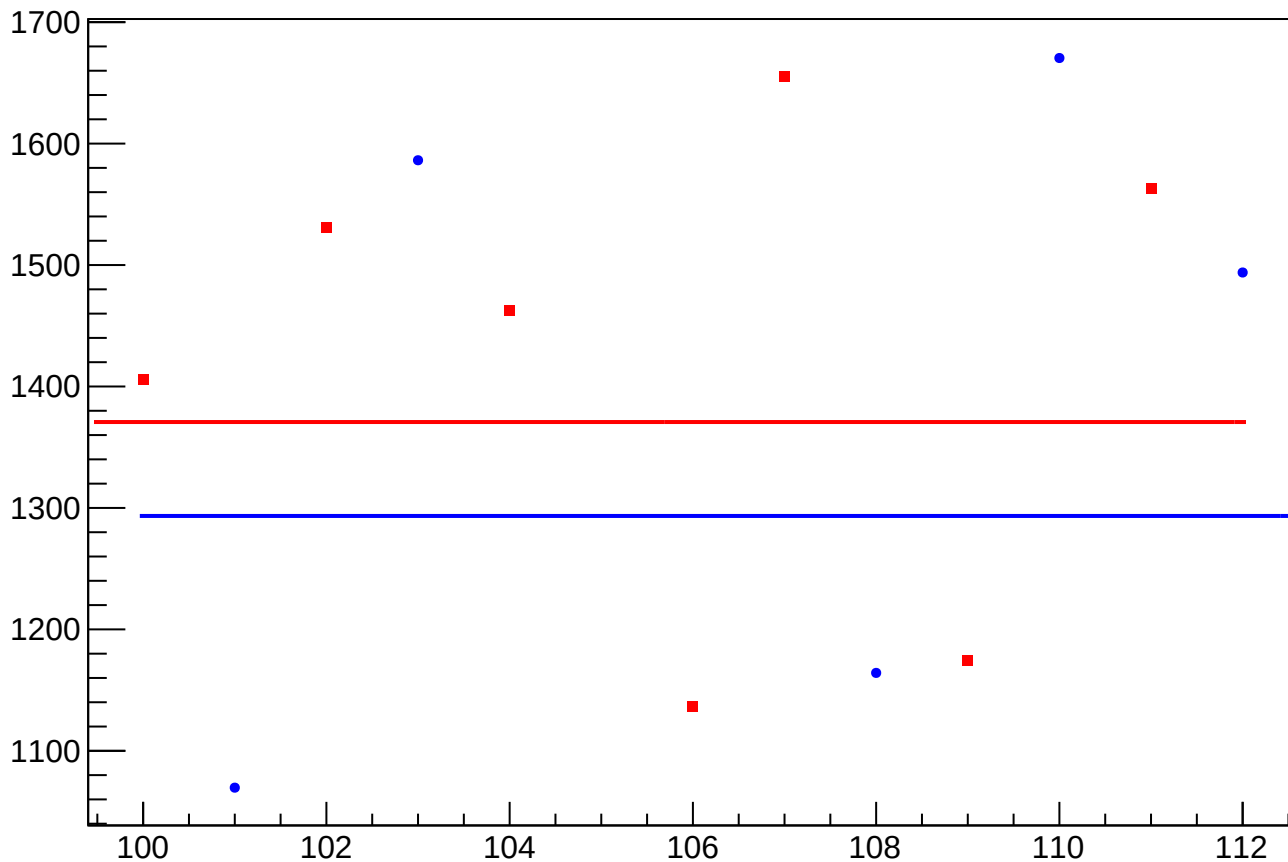
Right: -409.131+/-588.675 χ^2/NDF : 15.7/11

In: -61.128+/-827.839 χ^2/NDF : 7.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -409.131+/-588.675 χ^2/NDF : 15.7/11

asym_at1_dd_at2_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1293.402+/-0.585 χ^2/NDF : 164133.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1370.739+/-0.592 χ^2/NDF : 100560.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

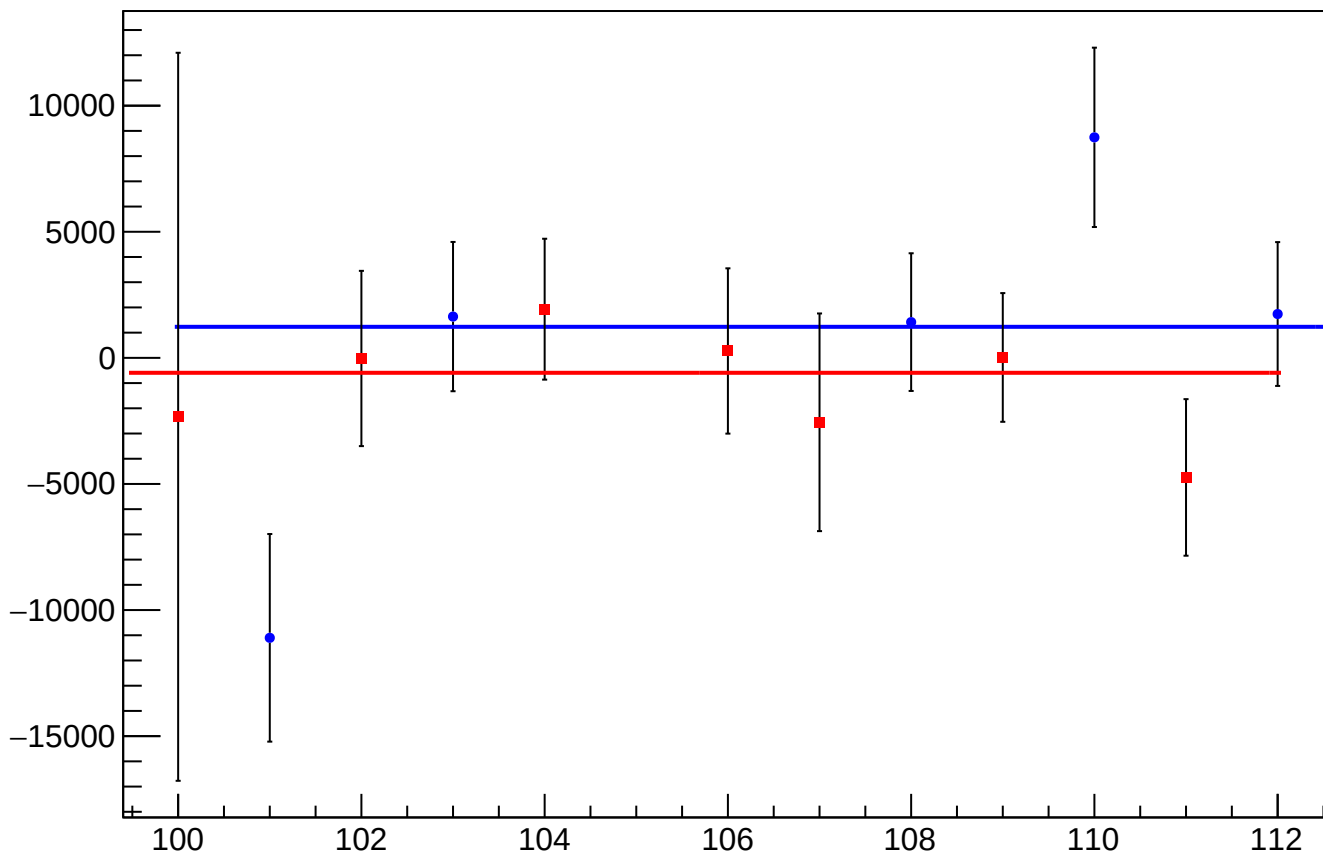
Right: 1331.632+/-0.416 χ^2/NDF : 273322.2/11

In: 1293.402+/-0.585 χ^2/NDF : 164133.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1331.632+/-0.416 χ^2/NDF : 273322.2/11

asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 1231.296+/-1401.111 χ^2/NDF : 13.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -592.041+/-1270.098 χ^2/NDF : 3.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

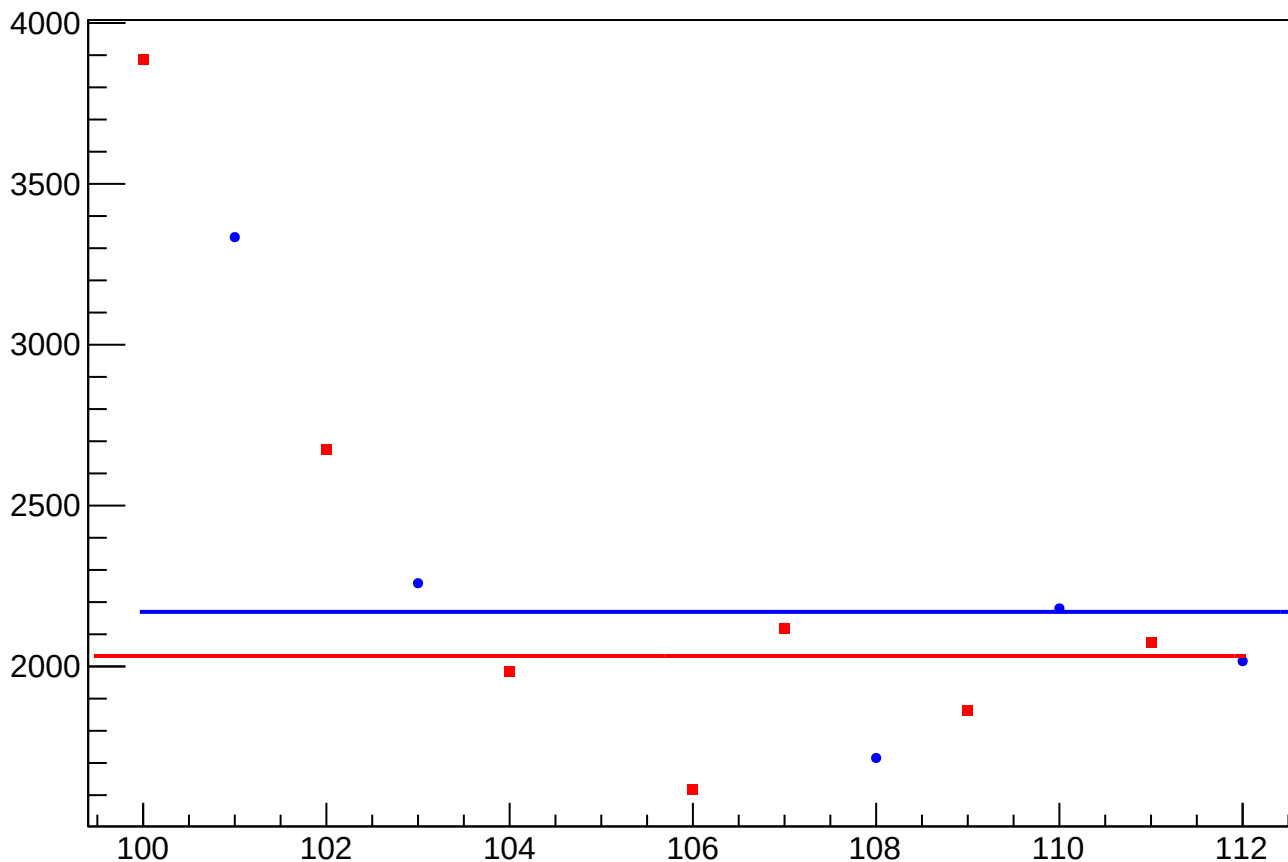
Right: 230.414+/-941.012 χ^2/NDF : 17.4/11

In: 1231.296+/-1401.111 χ^2/NDF : 13.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 230.414+/-941.012 χ^2/NDF : 17.4/11

asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 2169.650+/-0.991 χ^2/NDF : 223080.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2032.580+/-0.898 χ^2/NDF : 143727.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

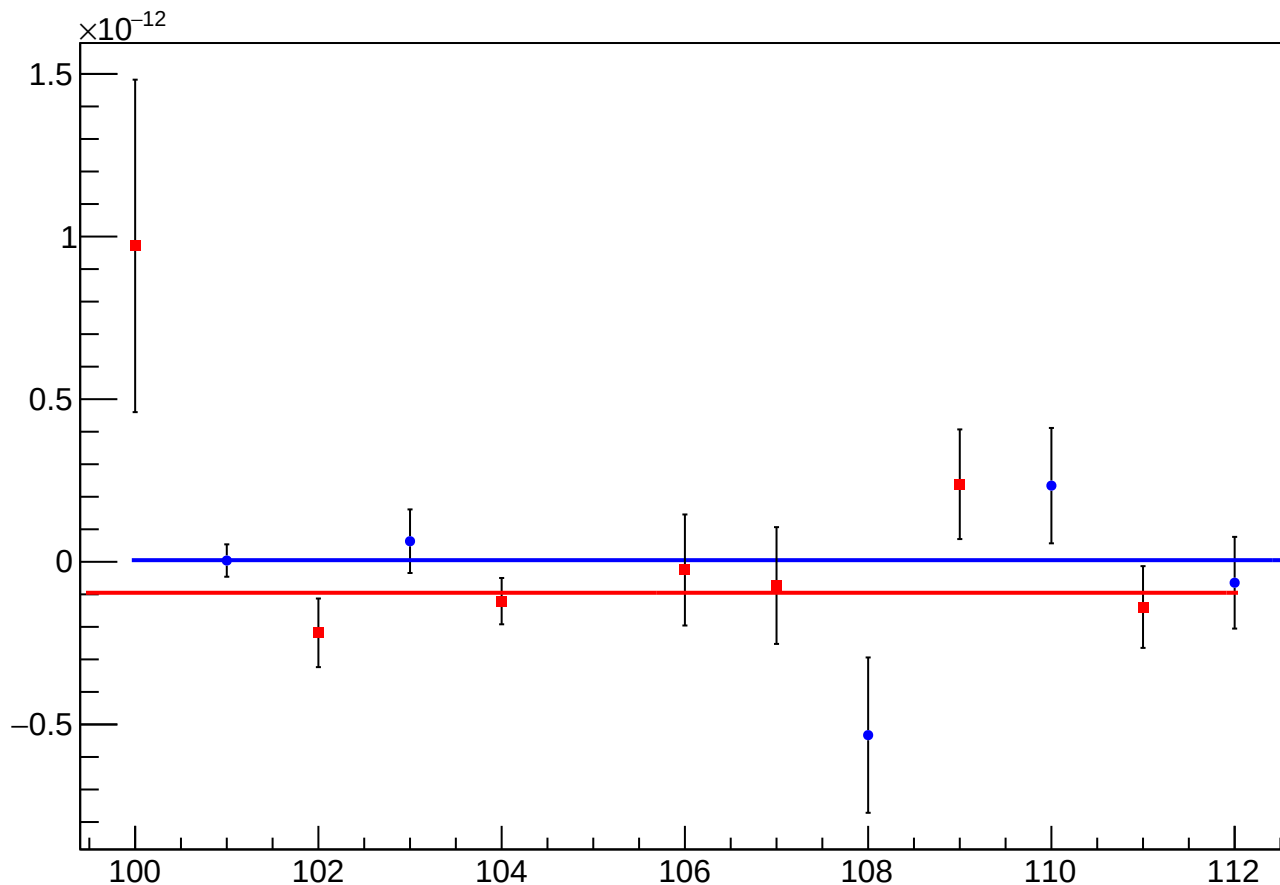
Right: 2094.406+/-0.665 χ^2/NDF : 377315.4/11

In: 2169.650+/-0.991 χ^2/NDF : 223080.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2094.406+/-0.665 χ^2/NDF : 377315.4/11

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

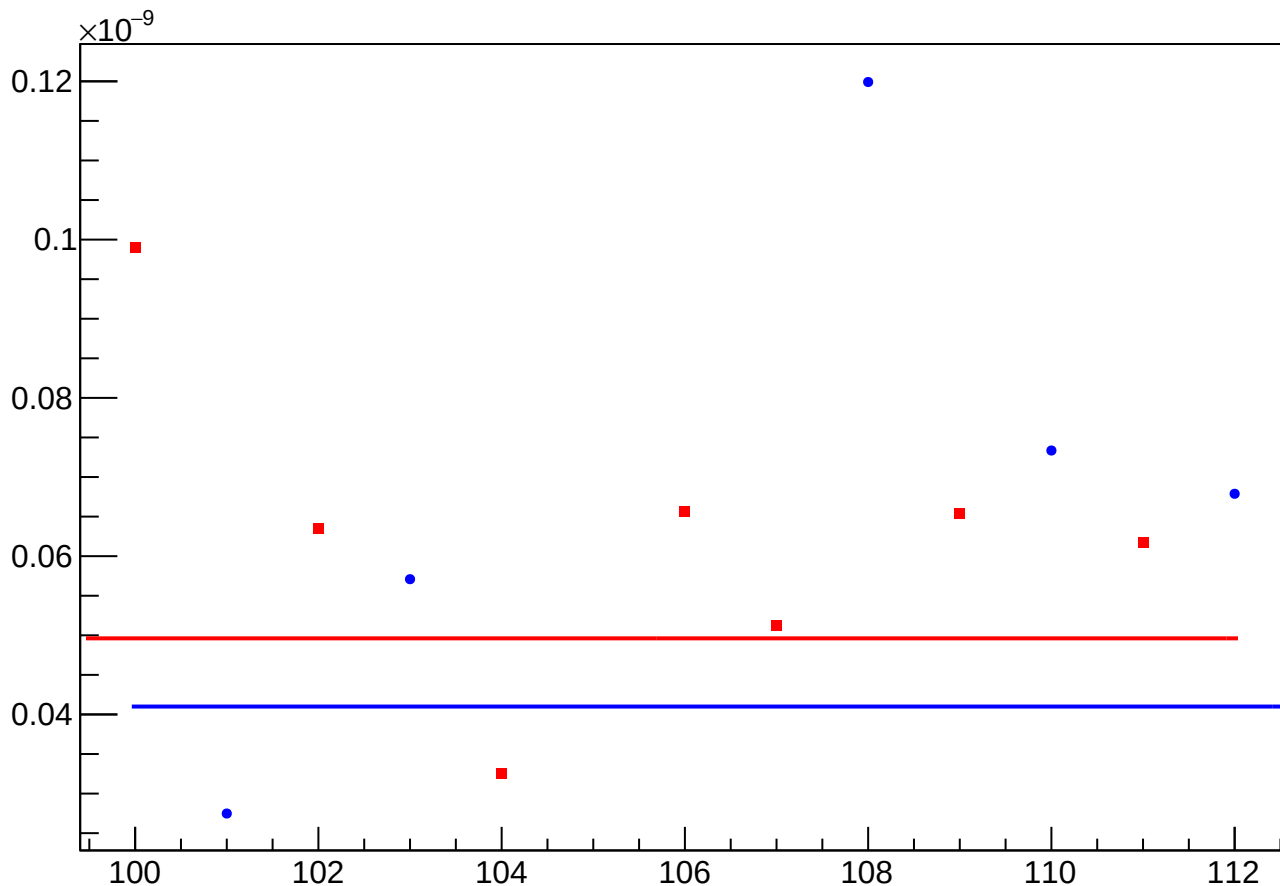
Right: -0.000+/-0.000 χ^2/NDF : 20.0/11

In: 0.000+/-0.000 χ^2/NDF : 7.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.0/11

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 559215.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 221839.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

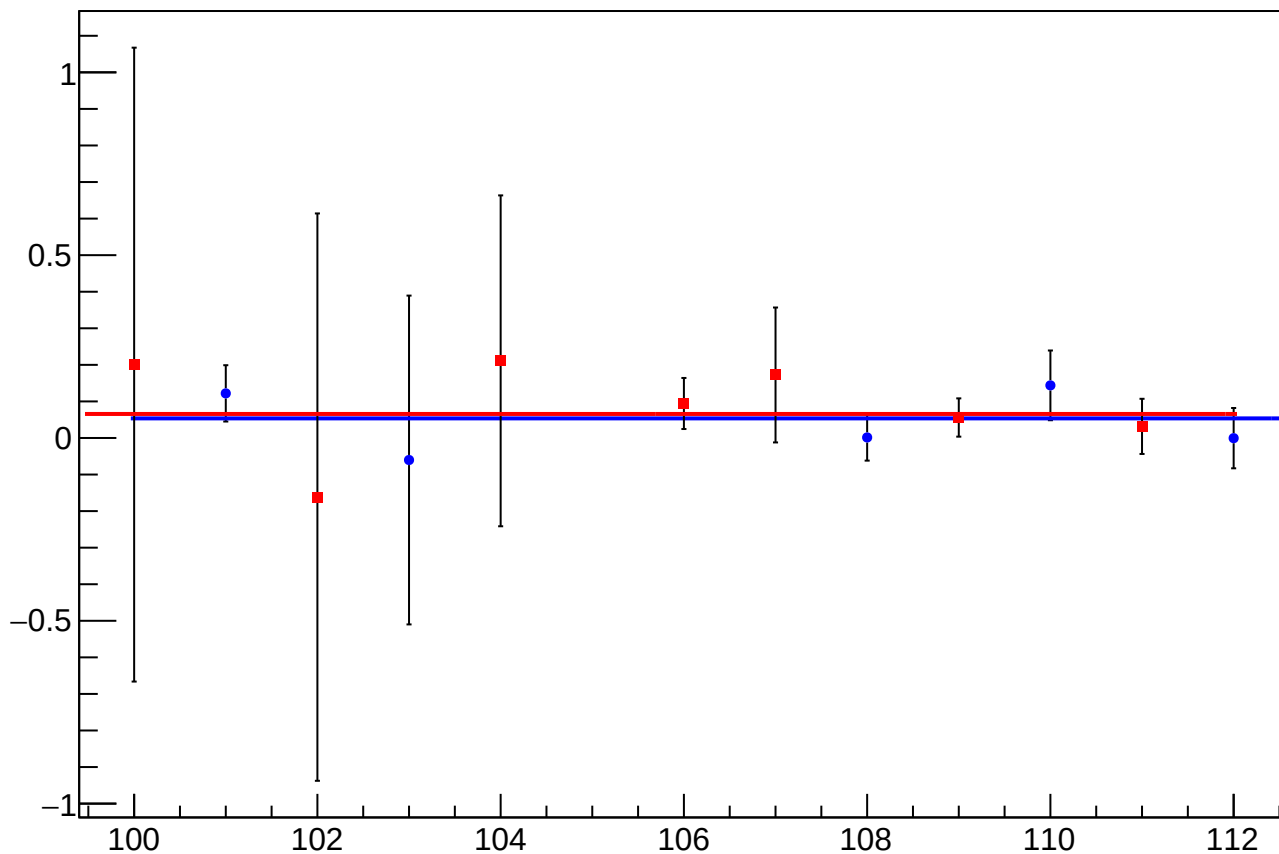
Right: 0.000+/-0.000 χ^2/NDF : 819672.5/11

In: 0.000+/-0.000 χ^2/NDF : 559215.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 819672.5/11

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.054+/-0.038 χ^2/NDF : 2.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.066+/-0.036 χ^2/NDF : 1.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

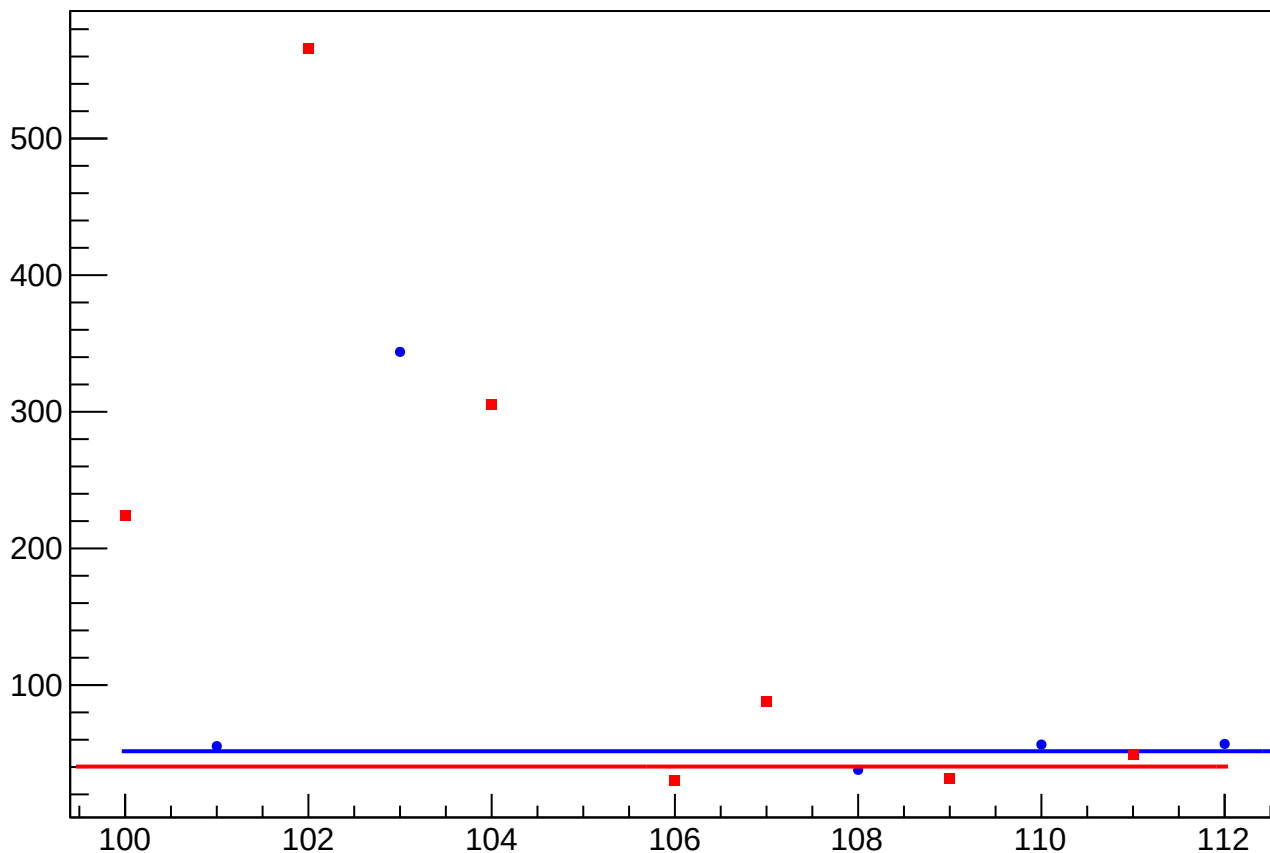
Right: 0.060+/-0.026 χ^2/NDF : 3.9/11

In: 0.054+/-0.038 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.060+/-0.026 χ^2/NDF : 3.9/11

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 51.584+/-0.027 χ^2/NDF : 956309.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.375+/-0.025 χ^2/NDF : 1958045.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

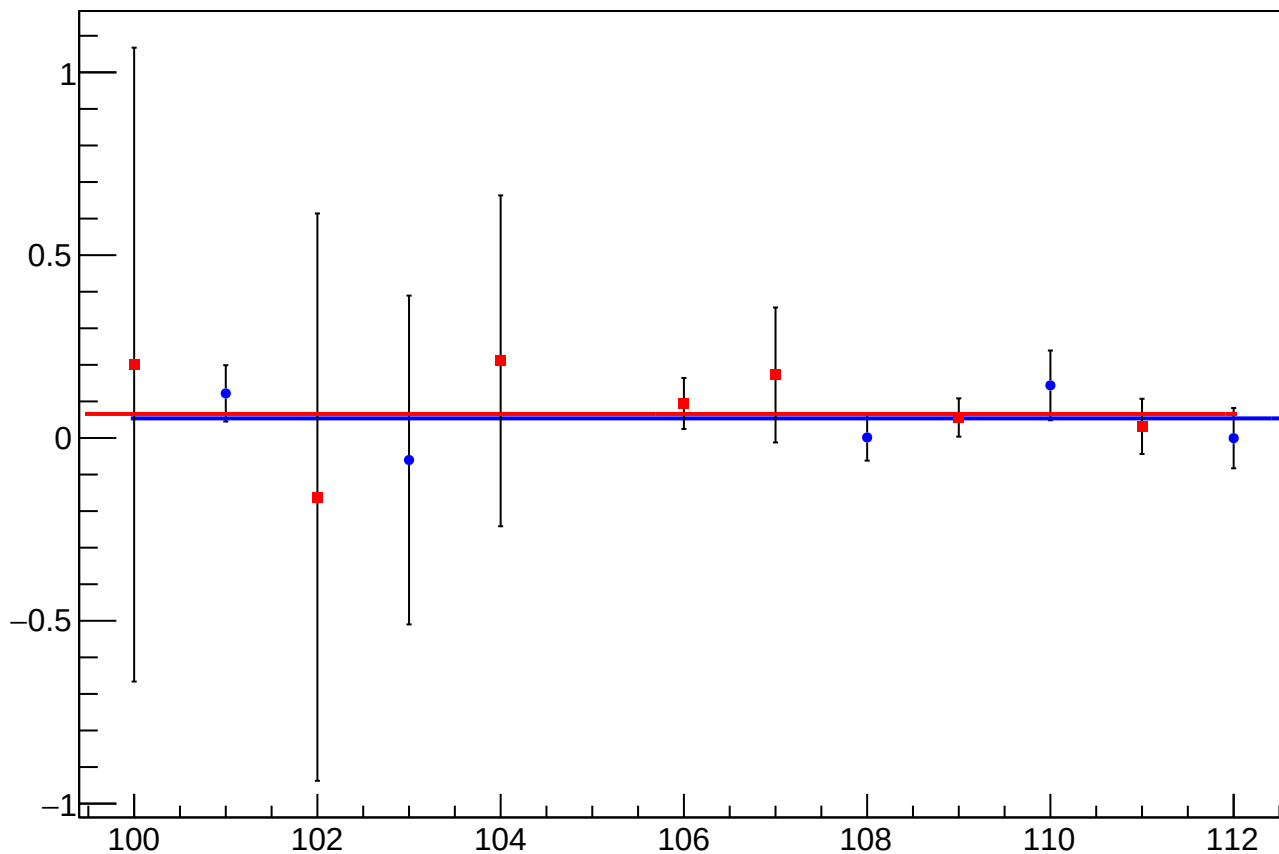
Right: 45.583+/-0.018 χ^2/NDF : 3005756.8/11

In: 51.584+/-0.027 χ^2/NDF : 956309.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.583+/-0.018 χ^2/NDF : 3005756.8/11

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.054+/-0.038 χ^2/NDF : 2.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.066+/-0.036 χ^2/NDF : 1.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

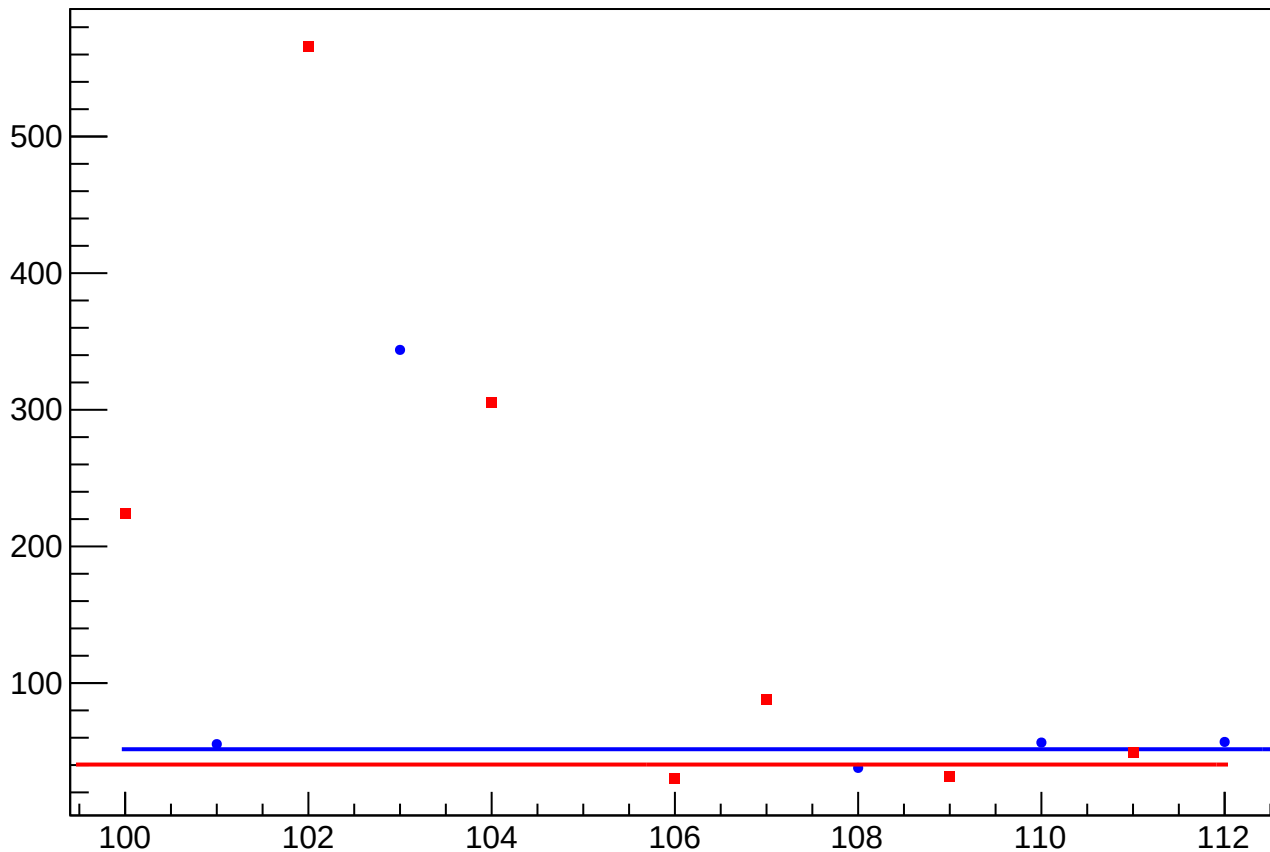
Right: 0.060+/-0.026 χ^2/NDF : 3.9/11

In: 0.054+/-0.038 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.060+/-0.026 χ^2/NDF : 3.9/11

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 51.584+/-0.027 χ^2/NDF : 956309.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.375+/-0.025 χ^2/NDF : 1958045.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

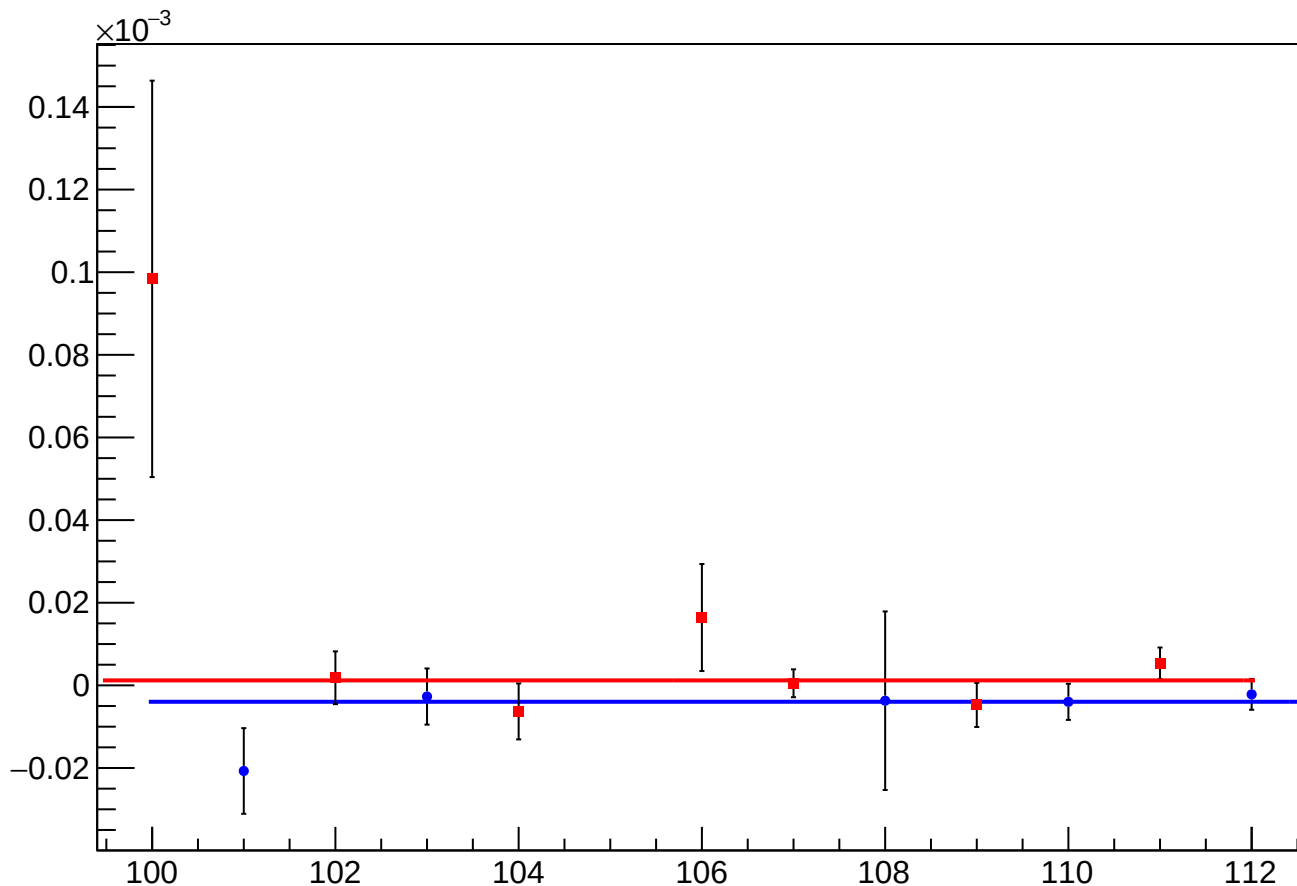
Right: 45.583+/-0.018 χ^2/NDF : 3005756.8/11

In: 51.584+/-0.027 χ^2/NDF : 956309.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.583+/-0.018 χ^2/NDF : 3005756.8/11

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 : 2.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

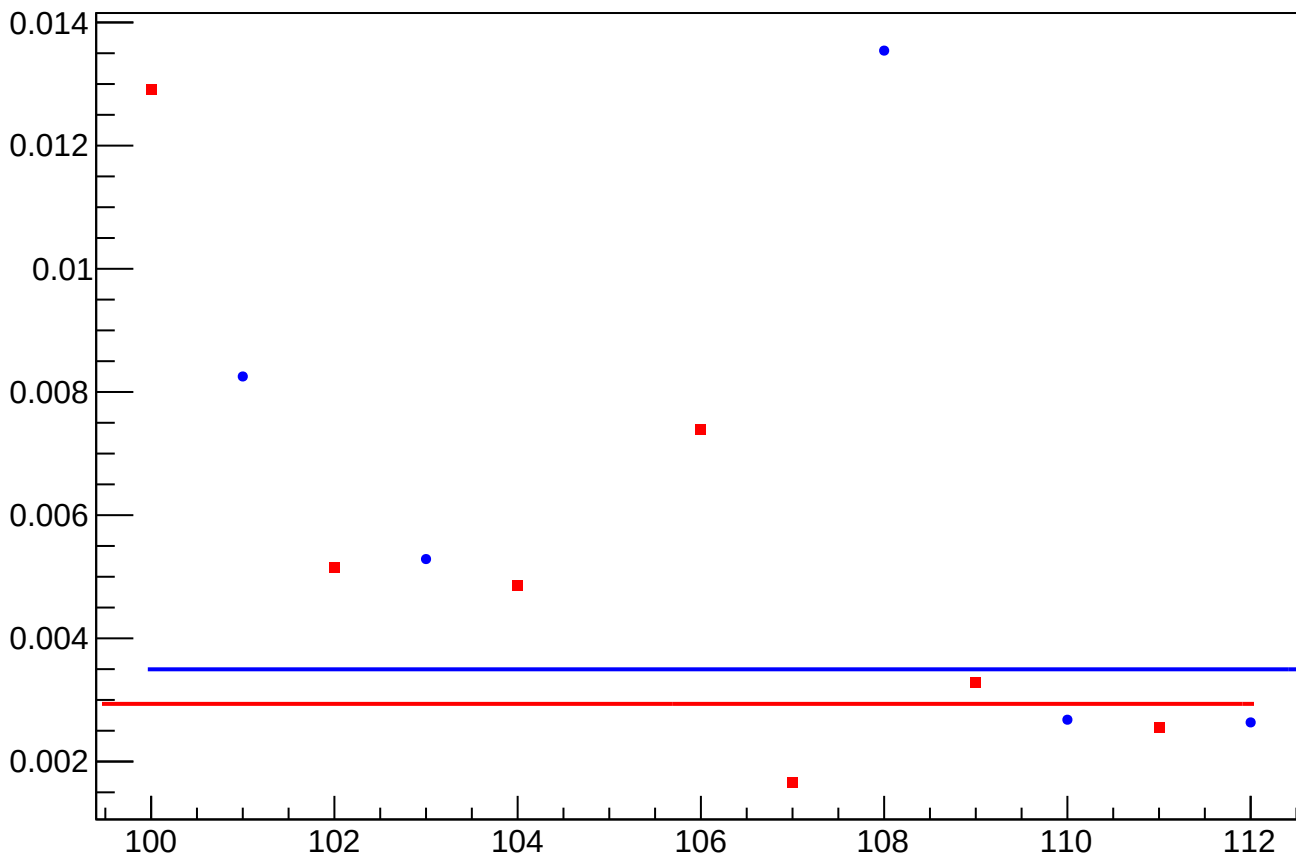
Right: -0.000+/-0.000 χ^2/NDF : 14.6/11

In: -0.000+/-0.000 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.6/11

asym_at1_dd_at2_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1168136.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1039212.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

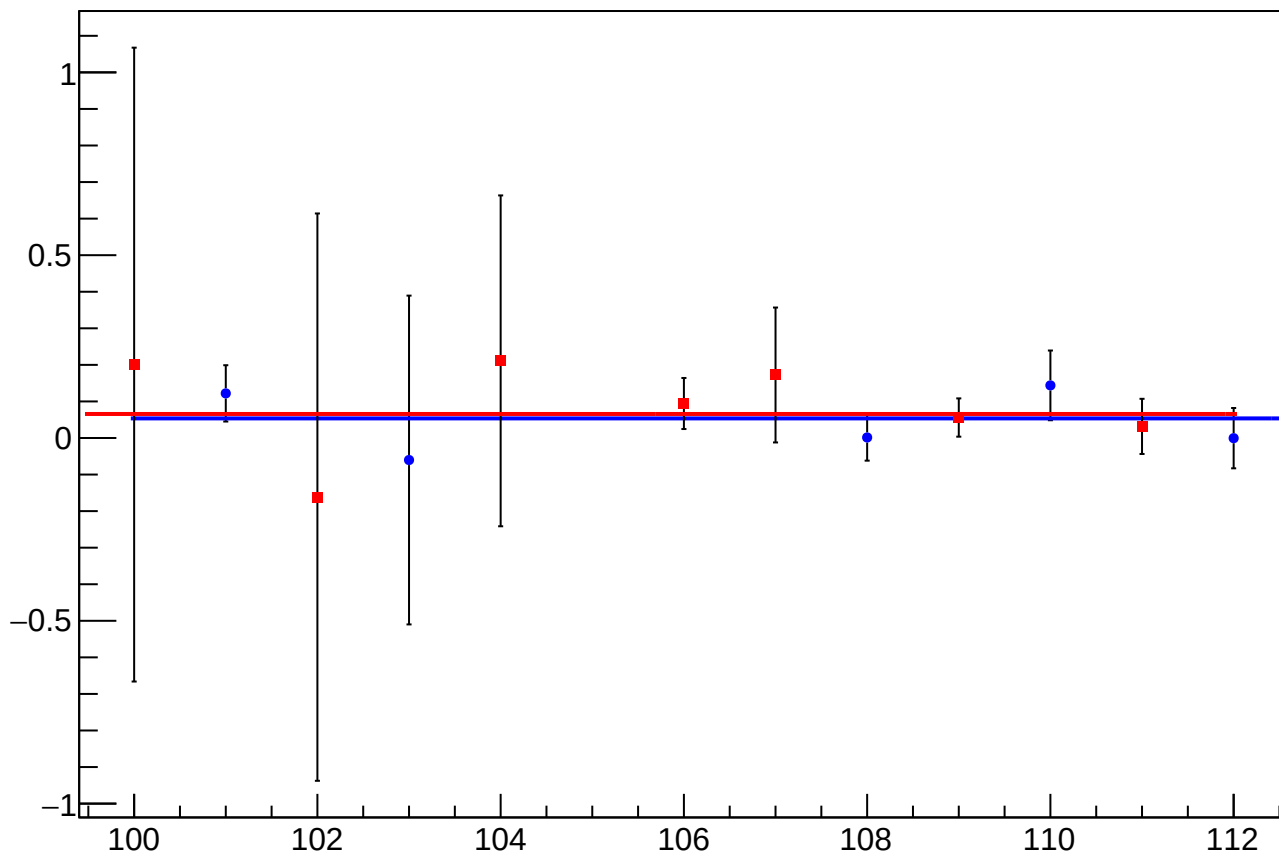
Right: 0.003+/-0.000 χ^2/NDF : 2267512.6/11

In: 0.003+/-0.000 χ^2/NDF : 1168136.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2267512.6/11

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.054 $\pm$ 0.038 χ^2 /NDF: 2.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.066 $\pm$ 0.036 χ^2 /NDF: 1.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

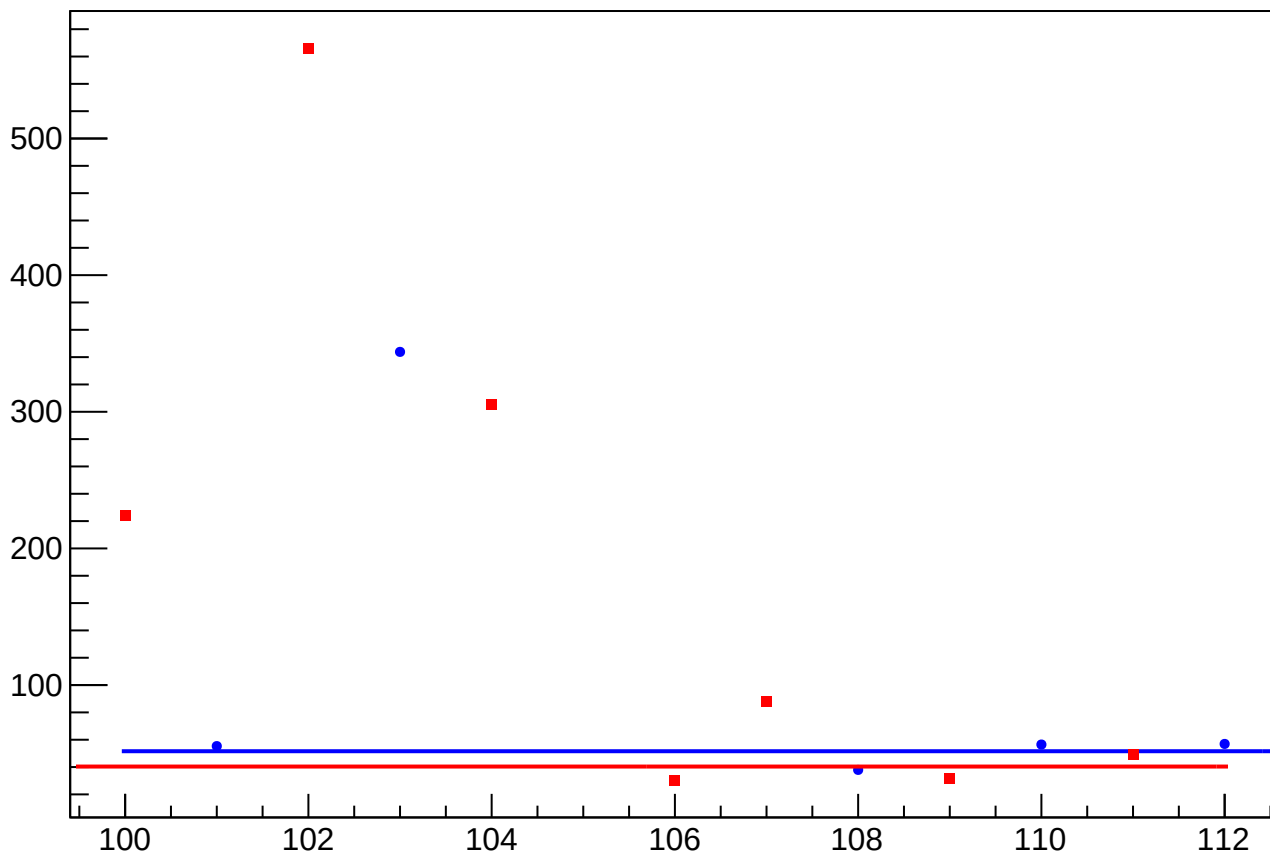
Right: 0.060 $\pm$ 0.026 χ^2 /NDF: 3.9/11

In: 0.054 $\pm$ 0.038 χ^2 /NDF:2.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.060 $\pm$ 0.026 χ^2 /NDF: 3.9/11

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 51.589+/-0.027 χ^2/NDF : 956186.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.373+/-0.025 χ^2/NDF : 1958094.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

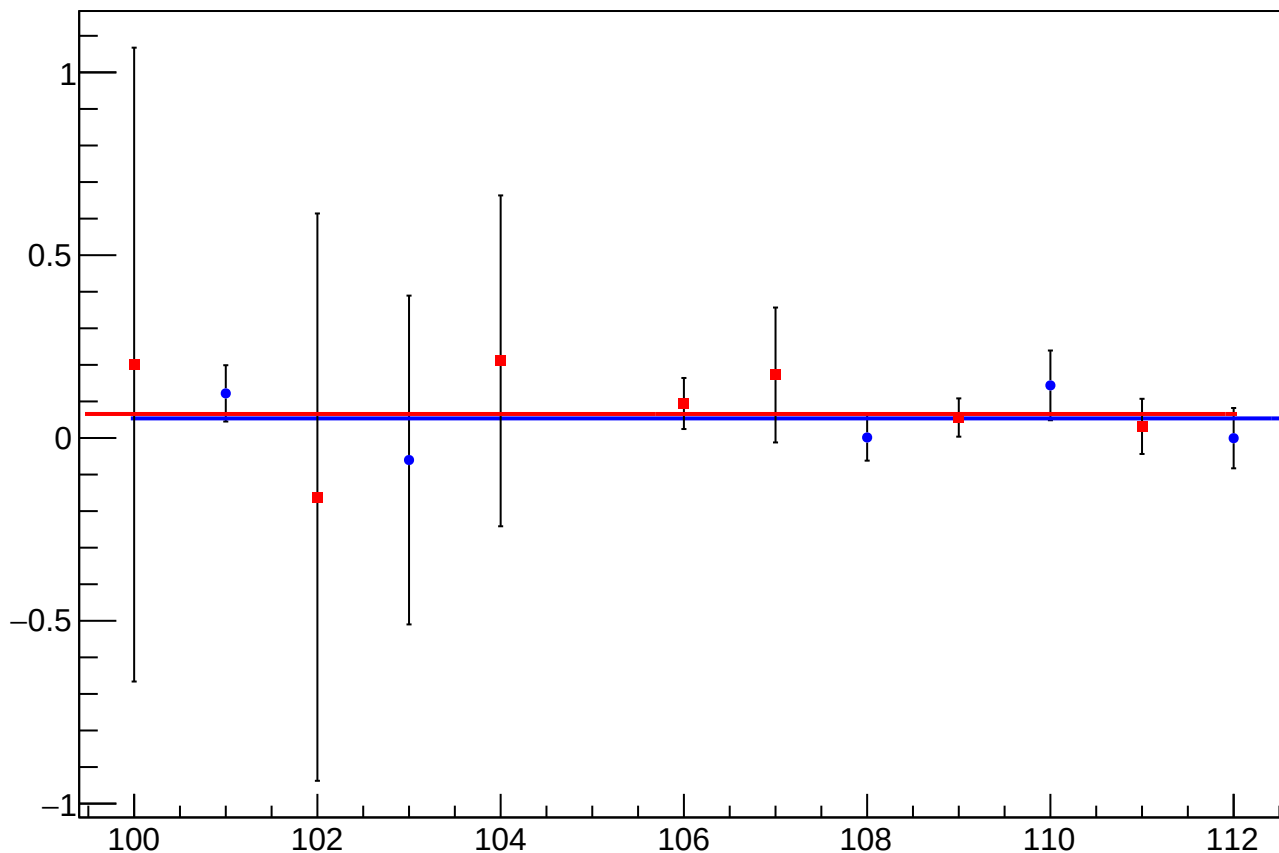
Right: 45.584+/-0.018 χ^2/NDF : 3005800.9/11

In: 51.589+/-0.027 χ^2/NDF : 956186.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.584+/-0.018 χ^2/NDF : 3005800.9/11

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.054+/-0.038 χ^2/NDF : 2.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.066+/-0.036 χ^2/NDF : 1.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

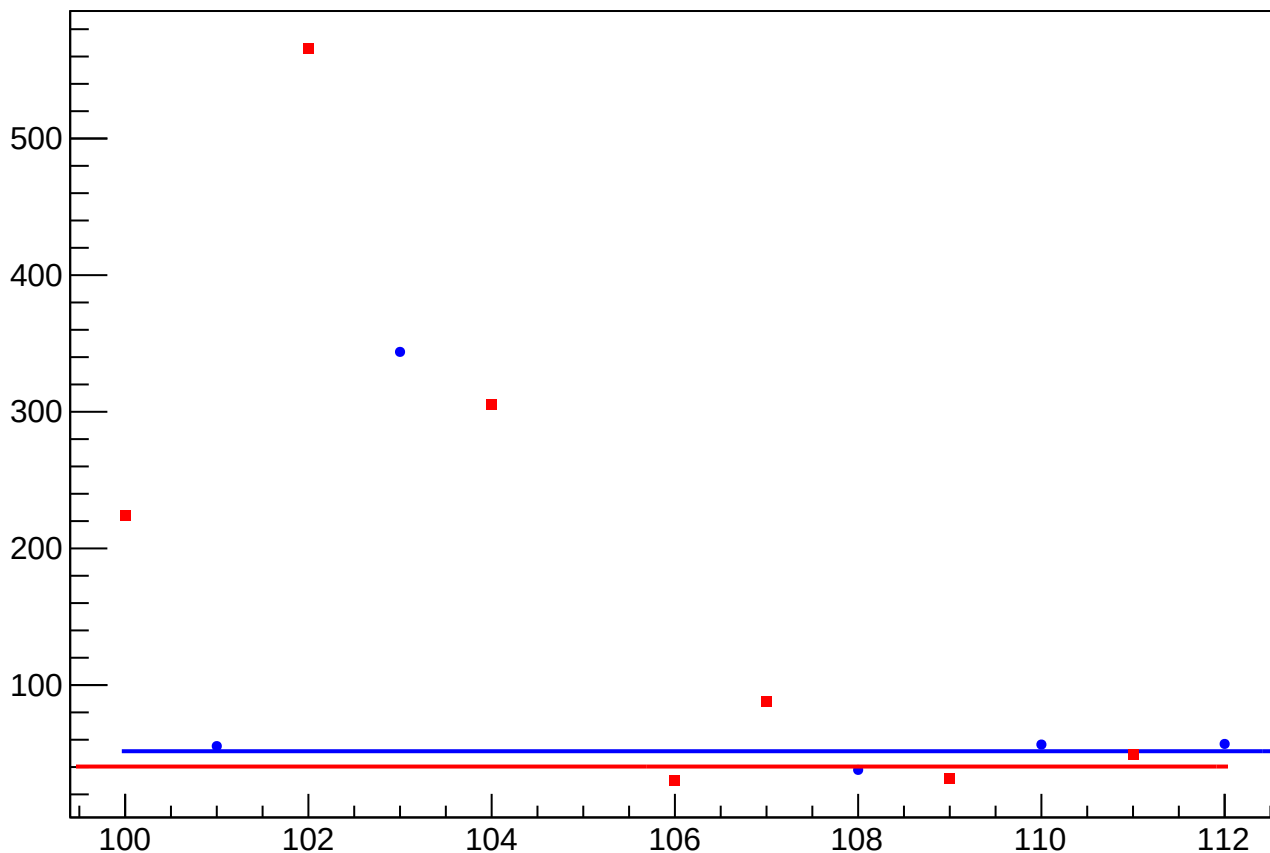
Right: 0.060+/-0.026 χ^2/NDF : 3.9/11

In: 0.054+/-0.038 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.060+/-0.026 χ^2/NDF : 3.9/11

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 51.589+/-0.027 χ^2/NDF : 956186.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.373+/-0.025 χ^2/NDF : 1958094.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

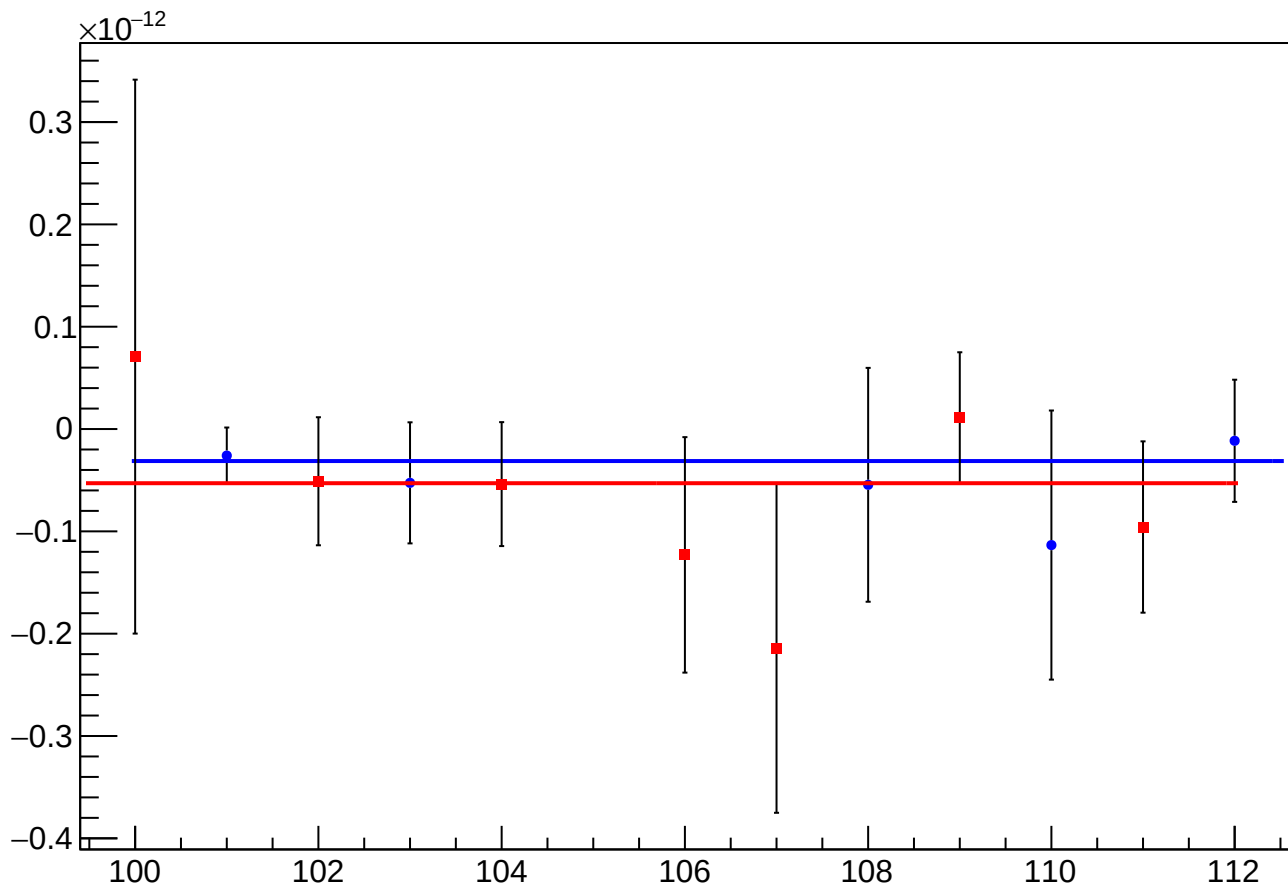
Right: 45.584+/-0.018 χ^2/NDF : 3005800.9/11

In: 51.589+/-0.027 χ^2/NDF : 956186.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.584+/-0.018 χ^2/NDF : 3005800.9/11

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 : 0.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

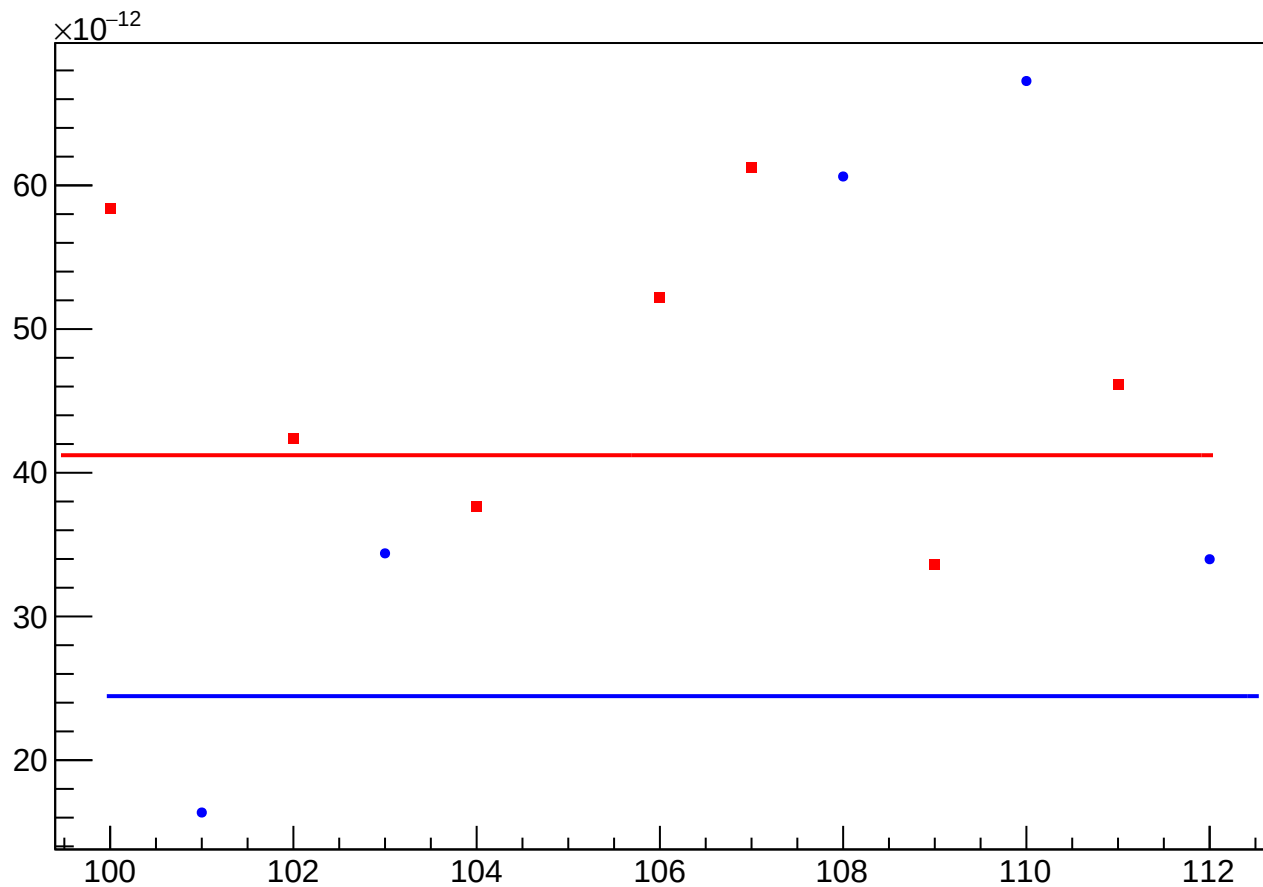
Right: -0.000+/-0.000 χ^2/NDF : 3.9/11

In: -0.000+/-0.000 χ^2/NDF : 0.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.9/11

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 : 693877.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 100145.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

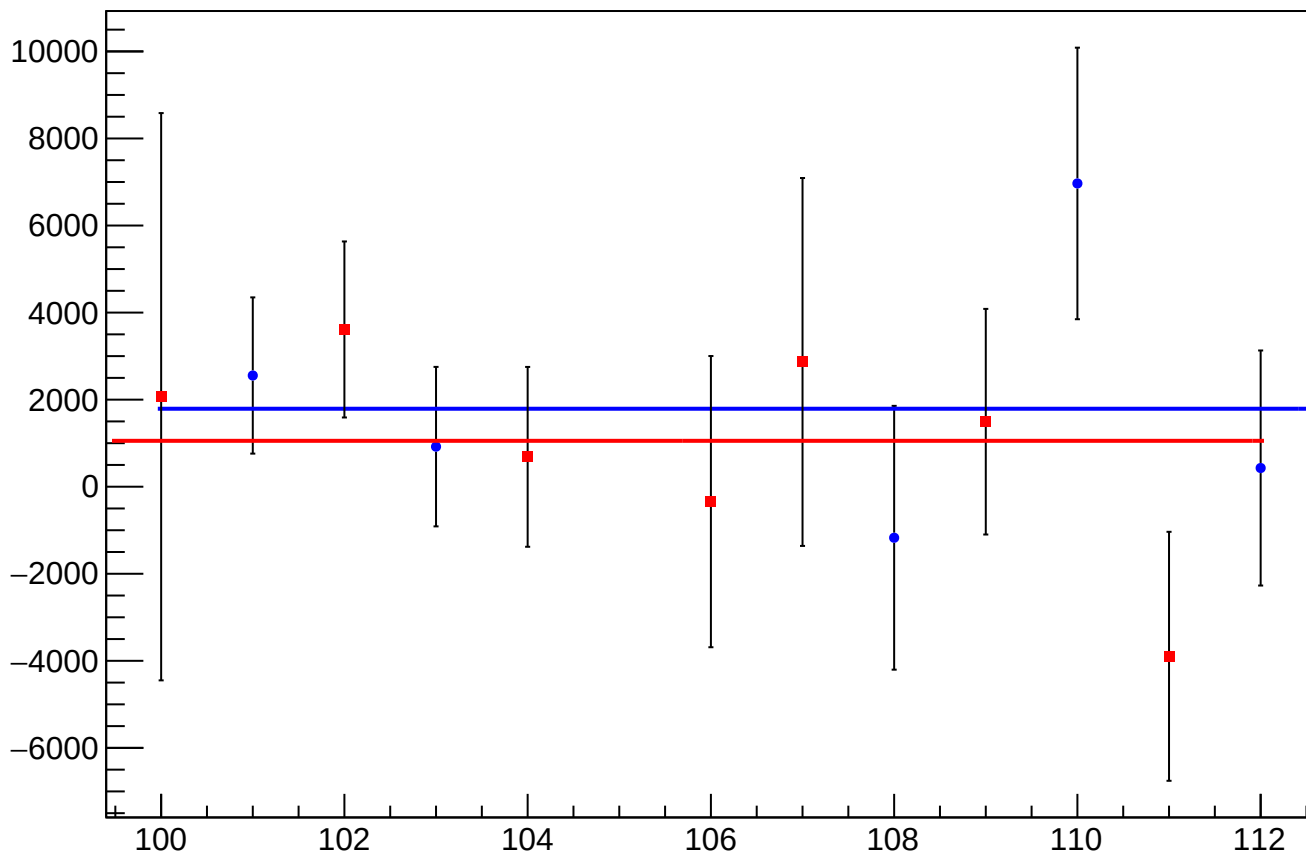
Right: 0.000+/-0.000 χ^2/NDF : 1181393.2/11

In: 0.000+/-0.000 χ^2/NDF : 693877.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1181393.2/11

reg_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1791.171+/-1022.030 χ^2/NDF : 4.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1054.121+/-1043.162 χ^2/NDF : 5.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

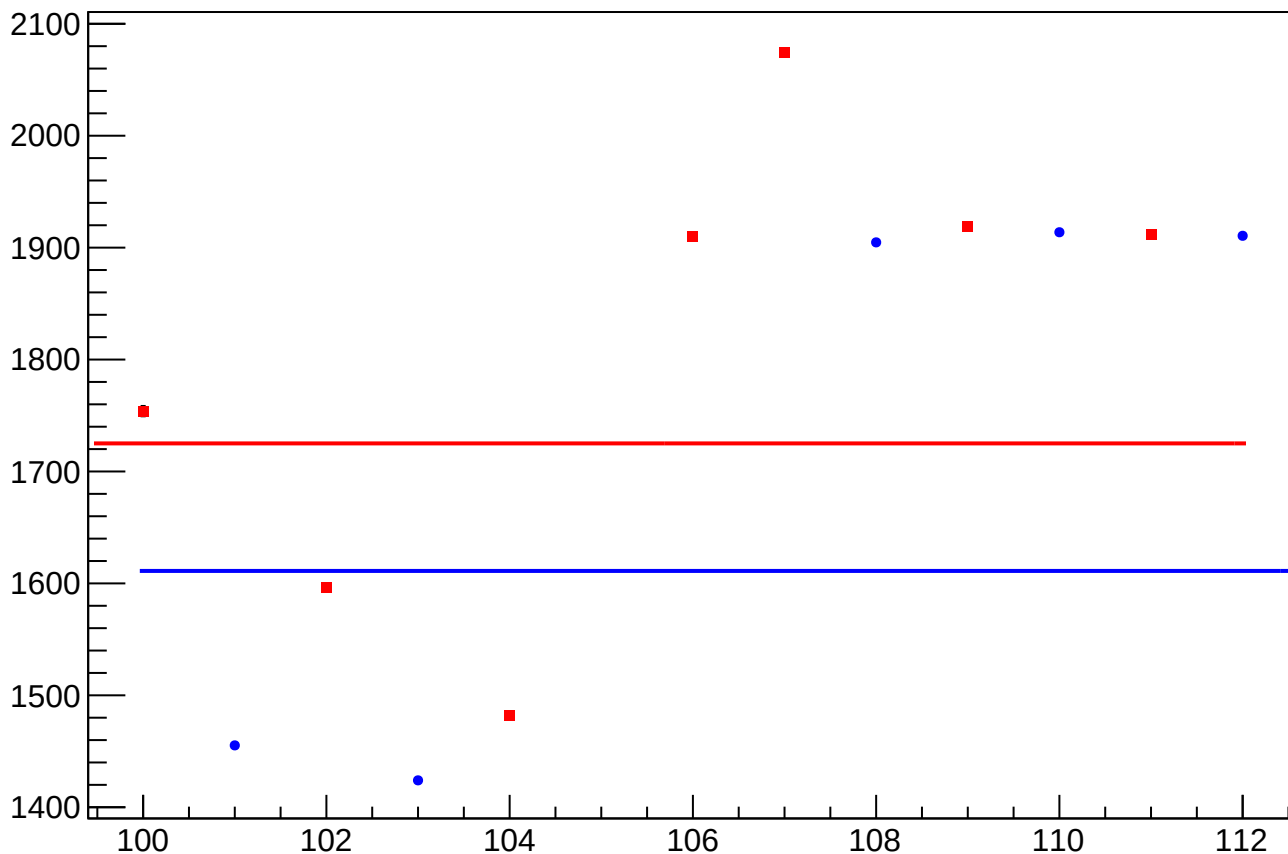
Right: 1430.187+/-730.041 χ^2/NDF : 9.7/11

In: 1791.171+/-1022.030 χ^2/NDF : 4.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1430.187+/-730.041 χ^2/NDF : 9.7/11

reg_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1611.140+/-0.723 χ^2/NDF : 98152.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1725.084+/-0.738 χ^2/NDF : 75328.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

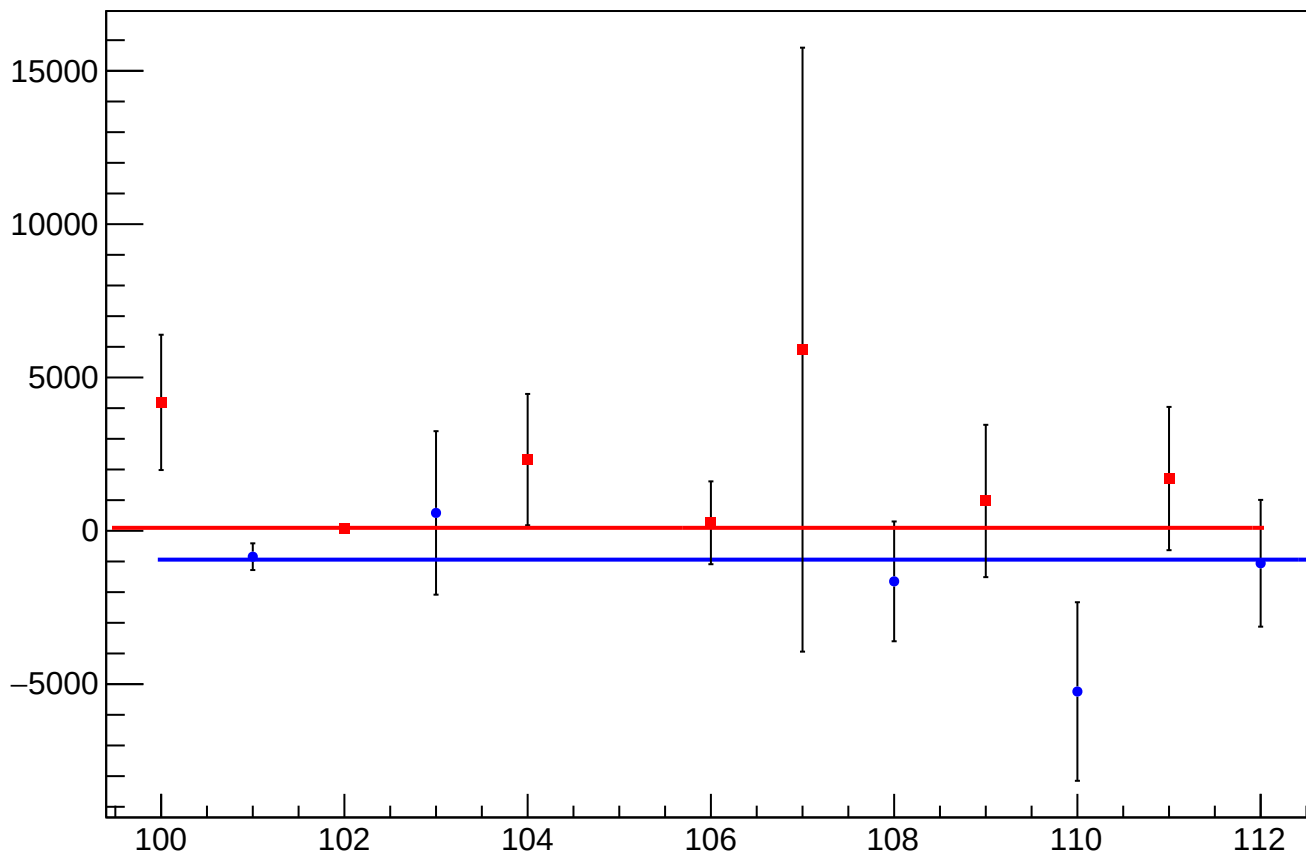
Right: 1666.947+/-0.516 χ^2/NDF : 185656.1/11

In: 1611.140+/-0.723 χ^2/NDF : 98152.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1666.947+/-0.516 χ^2/NDF : 185656.1/11

asym_usl_atl1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -939.739+/-407.239 χ^2/NDF : 2.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.391+/-136.035 χ^2/NDF : 5.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

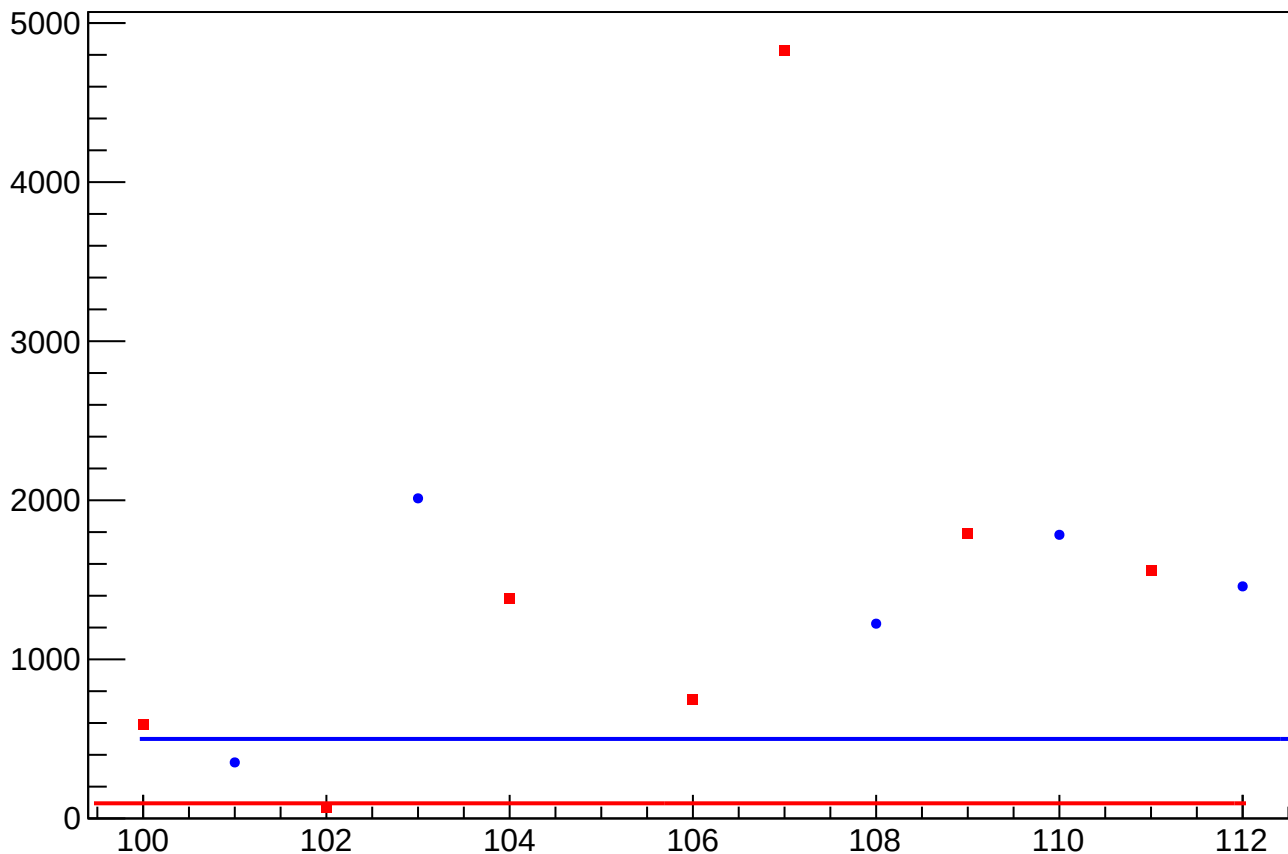
Right: -6.719+/-129.027 χ^2/NDF : 14.1/11

In: -939.739+/-407.239 χ^2/NDF : 2.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.719+/-129.027 χ^2/NDF : 14.1/11

asym_usl_atl1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 499.821+/-0.288 χ^2/NDF : 1967919.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.197+/-0.096 χ^2/NDF : 3541327.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

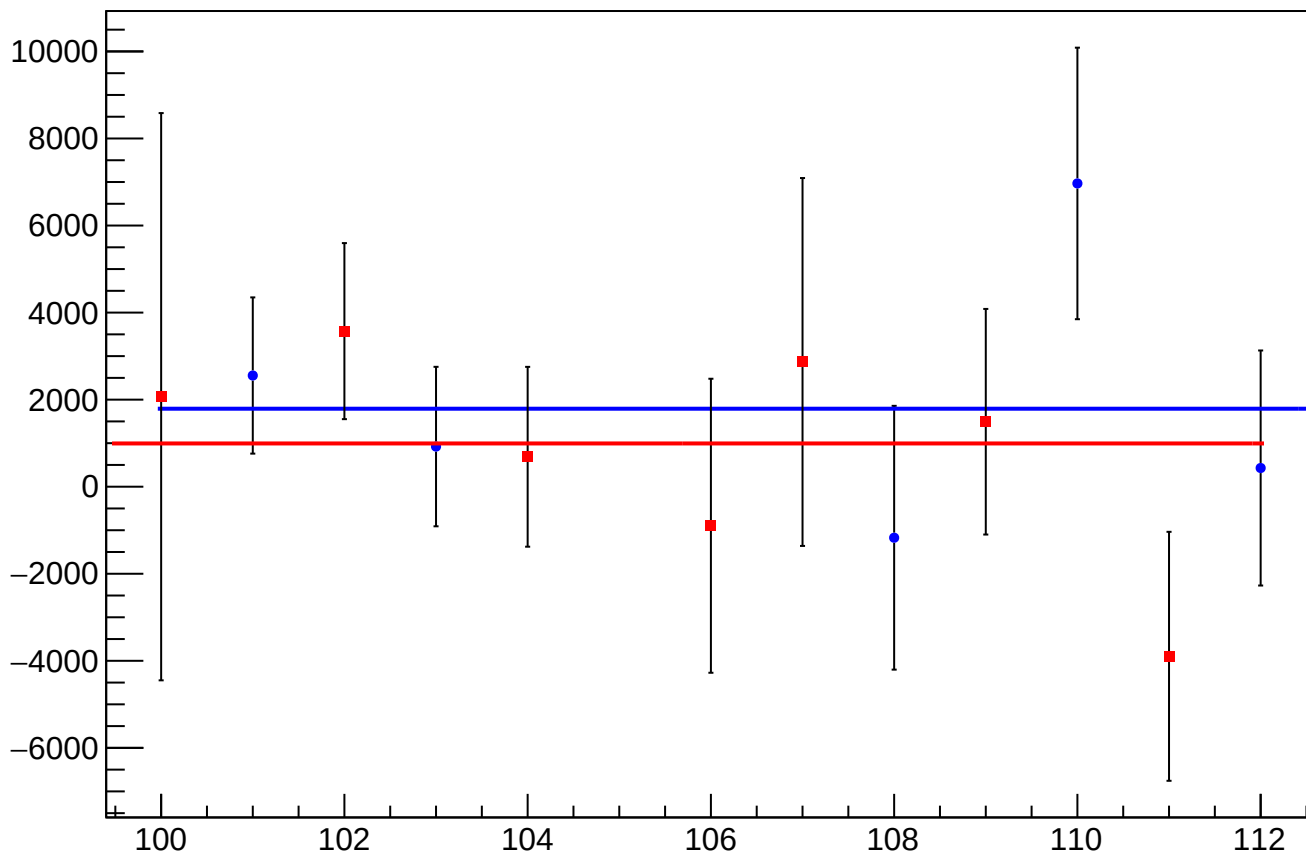
Right: 135.815+/-0.091 χ^2/NDF : 7285442.5/11

In: 499.821+/-0.288 χ^2/NDF : 1967919.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.815+/-0.091 χ^2/NDF : 7285442.5/11

cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1791.665+/-1022.030 χ^2/NDF : 4.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 993.623+/-1044.166 χ^2/NDF : 5.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

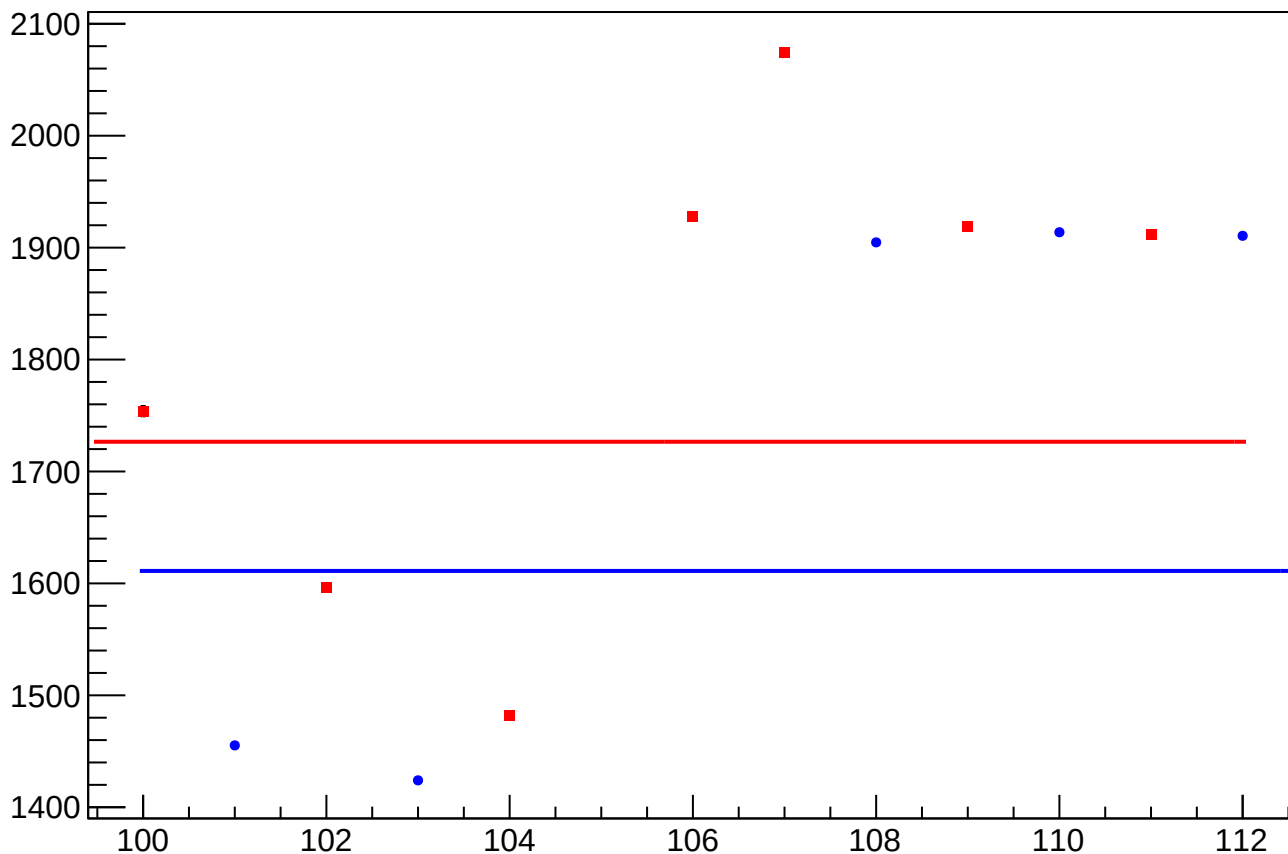
Right: 1401.193+/-730.385 χ^2/NDF : 9.8/11

In: 1791.665+/-1022.030 χ^2/NDF : 4.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1401.193+/-730.385 χ^2/NDF : 9.8/11

cor_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1611.141+/-0.723 χ^2/NDF : 98152.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1726.556+/-0.738 χ^2/NDF : 76428.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

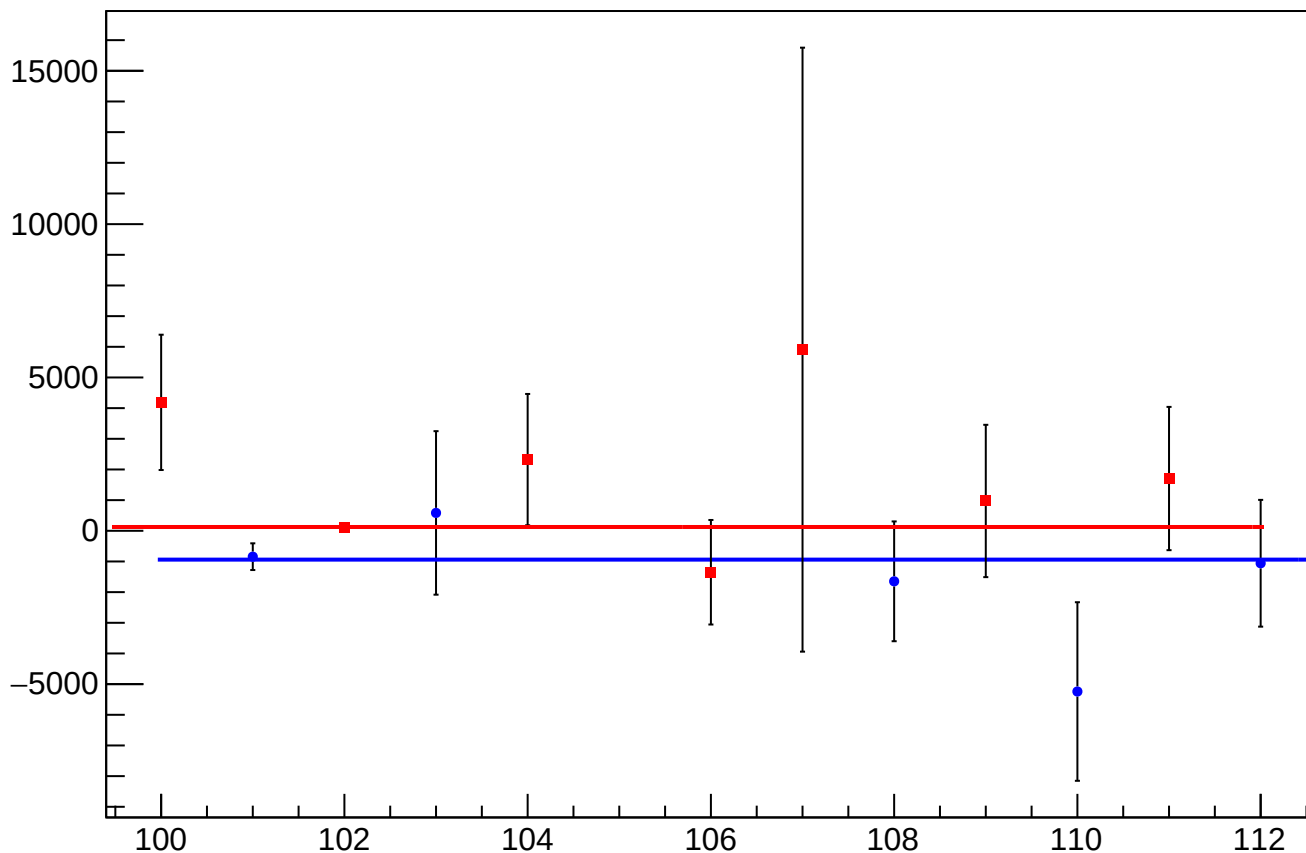
Right: 1667.612+/-0.516 χ^2/NDF : 187059.5/11

In: 1611.141+/-0.723 χ^2/NDF : 98152.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1667.612+/-0.516 χ^2/NDF : 187059.5/11

asym_usl_atl1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -939.818+/-407.239 χ^2/NDF : 2.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.271+/-148.870 χ^2/NDF : 6.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

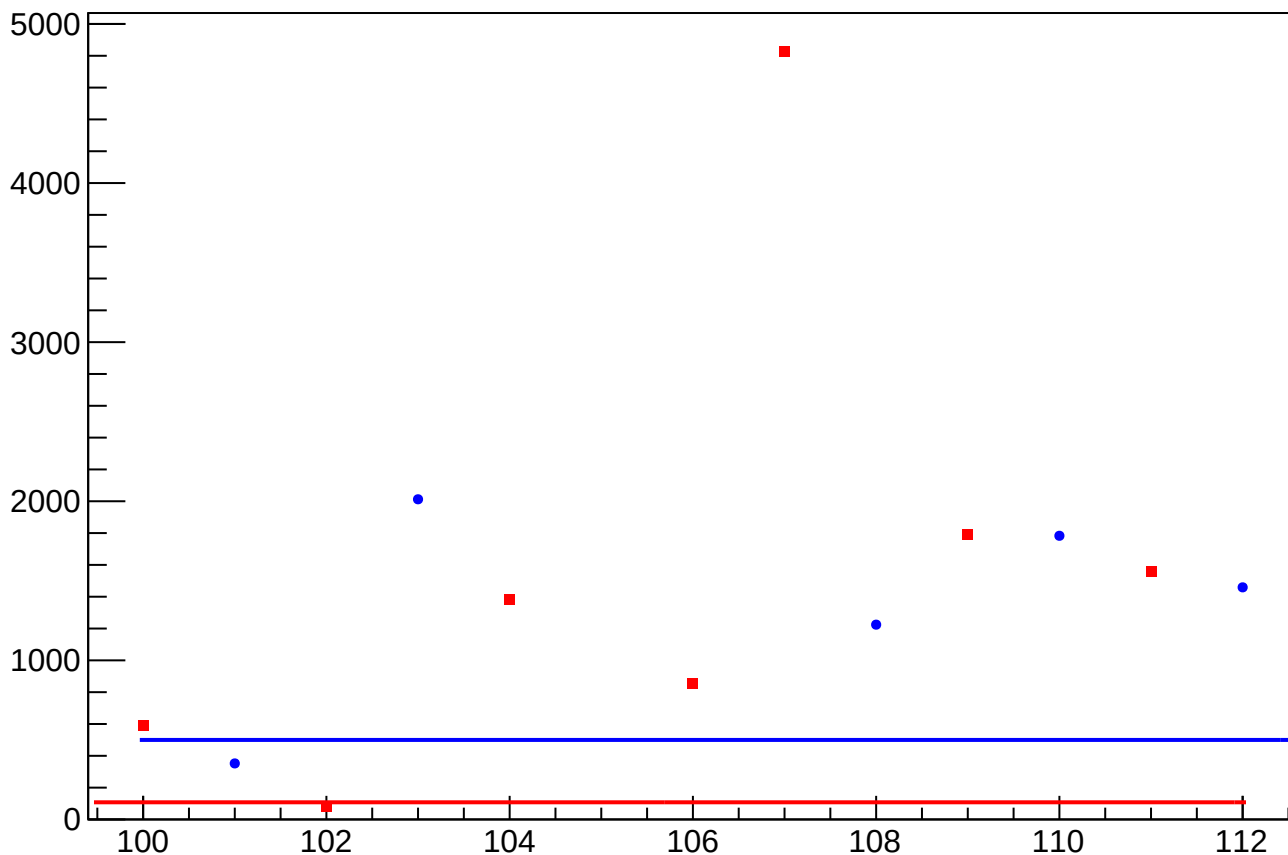
Right: -1.164+/-139.820 χ^2/NDF : 14.9/11

In: -939.818+/-407.239 χ^2/NDF : 2.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.164+/-139.820 χ^2/NDF : 14.9/11

asym_usl_atl1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 499.817+/-0.288 χ^2/NDF : 1967933.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.840+/-0.105 χ^2/NDF : 3408247.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

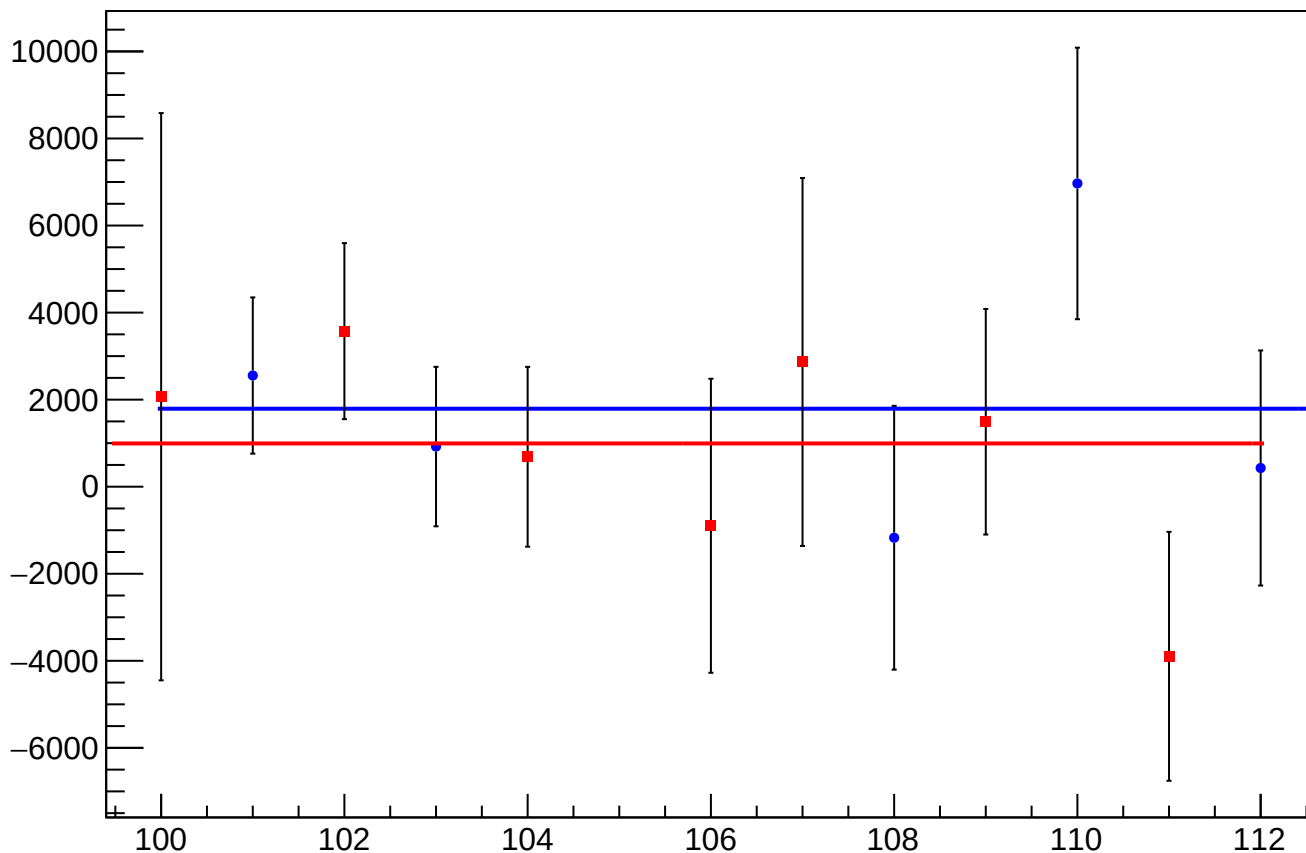
Right: 154.046+/-0.099 χ^2/NDF : 7010666.0/11

In: 499.817+/-0.288 χ^2/NDF : 1967933.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.046+/-0.099 χ^2/NDF : 7010666.0/11

eigen_cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1791.665+/-1022.030 χ^2/NDF : 4.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 993.623+/-1044.166 χ^2/NDF : 5.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

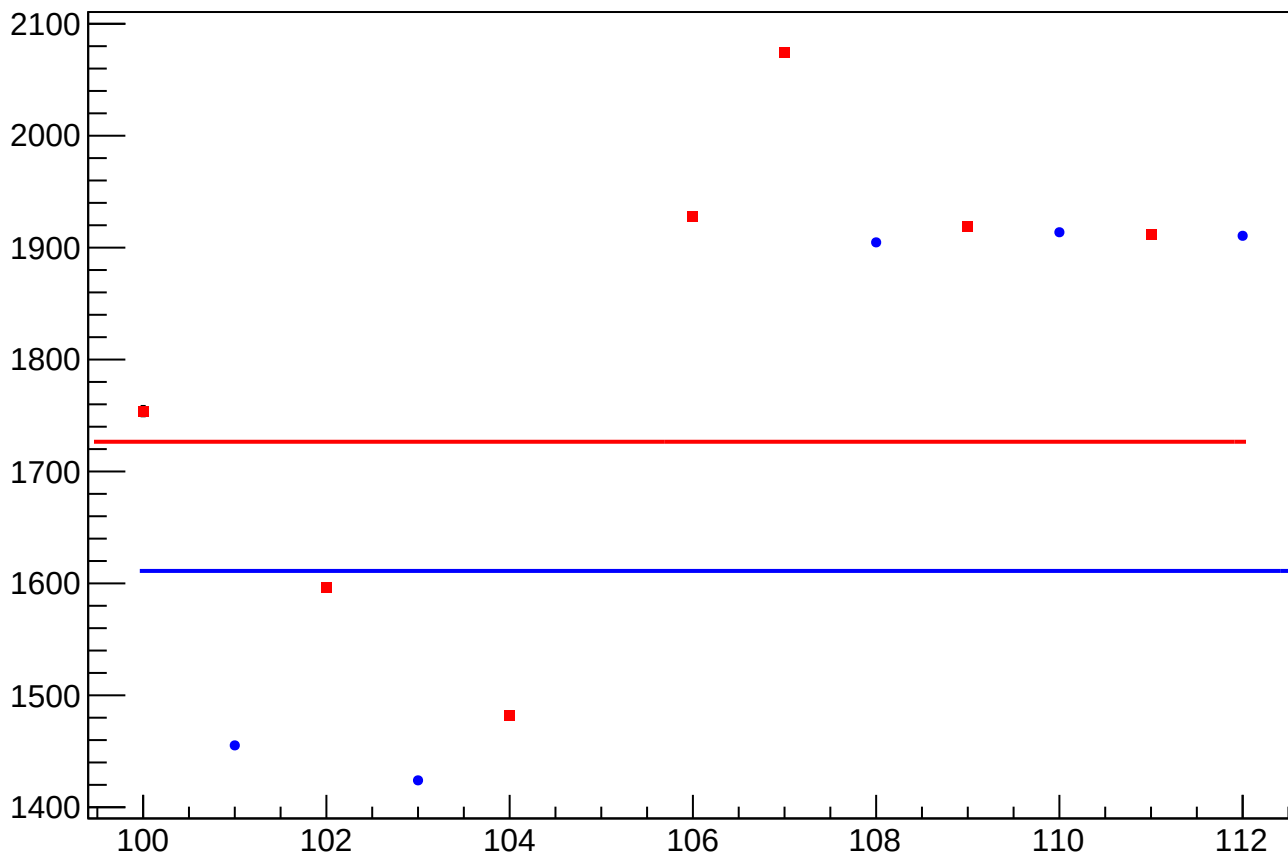
Right: 1401.193+/-730.385 χ^2/NDF : 9.8/11

In: 1791.665+/-1022.030 χ^2/NDF : 4.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1401.193+/-730.385 χ^2/NDF : 9.8/11

eigen_cor_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1611.141+/-0.723 χ^2/NDF : 98152.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1726.556+/-0.738 χ^2/NDF : 76428.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

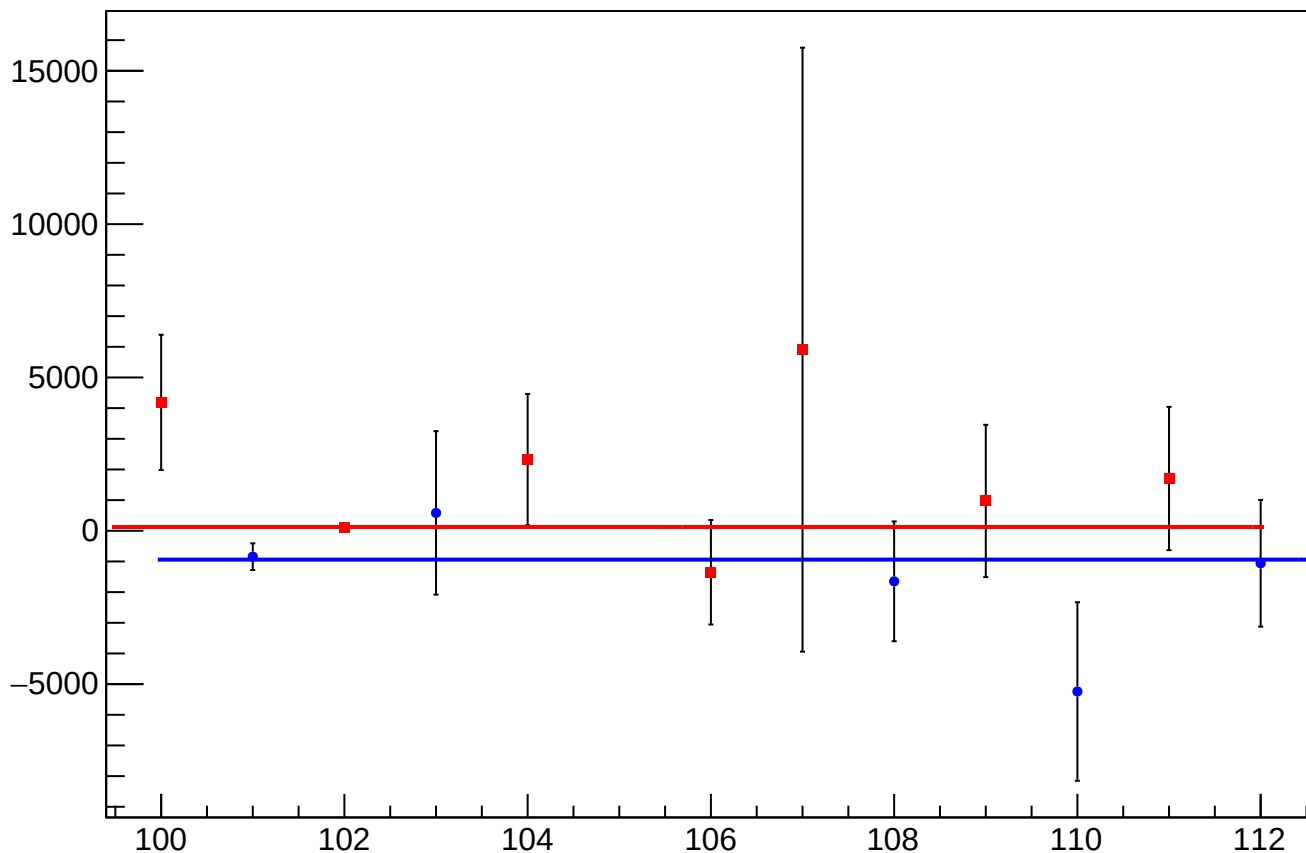
Right: 1667.612+/-0.516 χ^2/NDF : 187059.5/11

In: 1611.141+/-0.723 χ^2/NDF : 98152.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1667.612+/-0.516 χ^2/NDF : 187059.5/11

asym_usl_atl1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -939.818+/-407.239 χ^2/NDF : 2.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.271+/-148.870 χ^2/NDF : 6.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

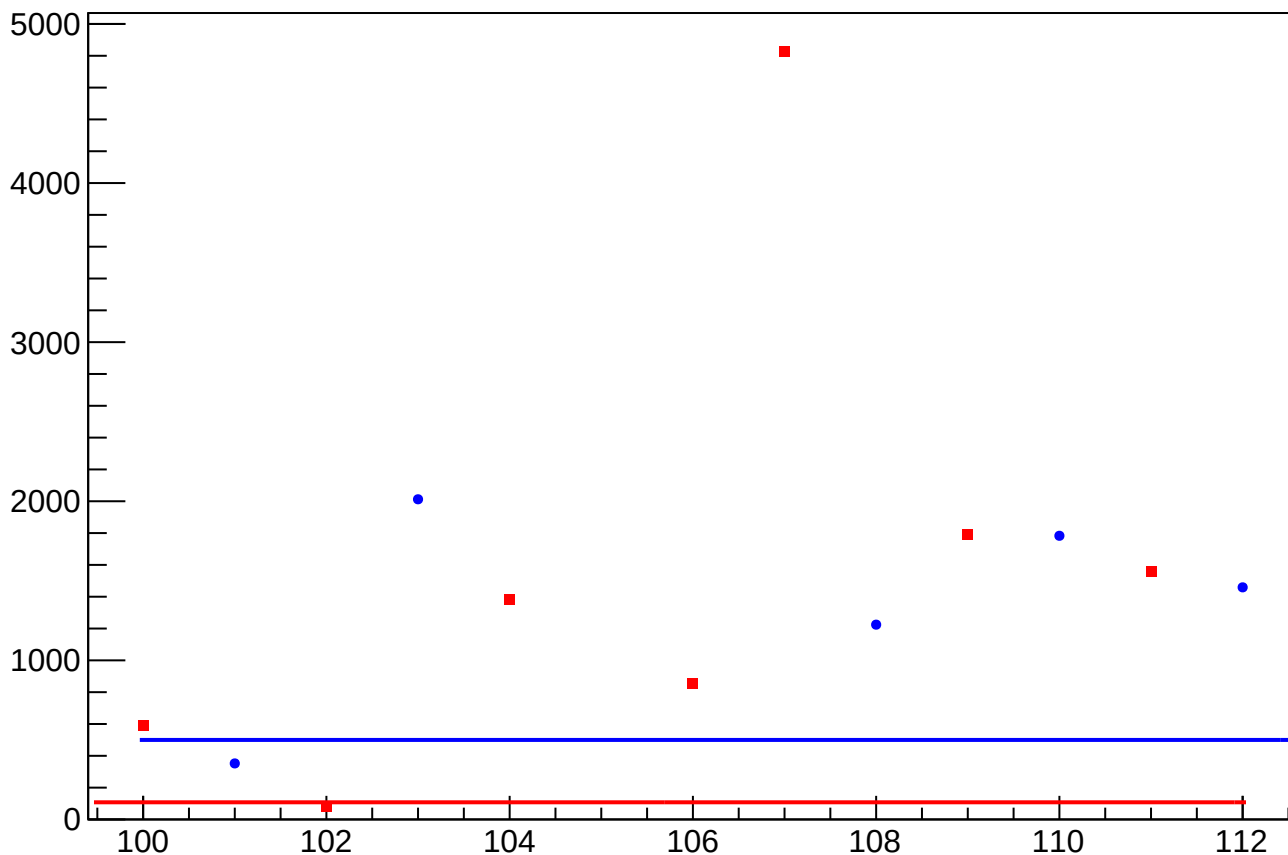
Right: -1.164+/-139.820 χ^2/NDF : 14.9/11

In: -939.818+/-407.239 χ^2/NDF : 2.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.164+/-139.820 χ^2/NDF : 14.9/11

asym_usl_atl1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 499.817+/-0.288 χ^2/NDF : 1967933.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.840+/-0.105 χ^2/NDF : 3408247.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

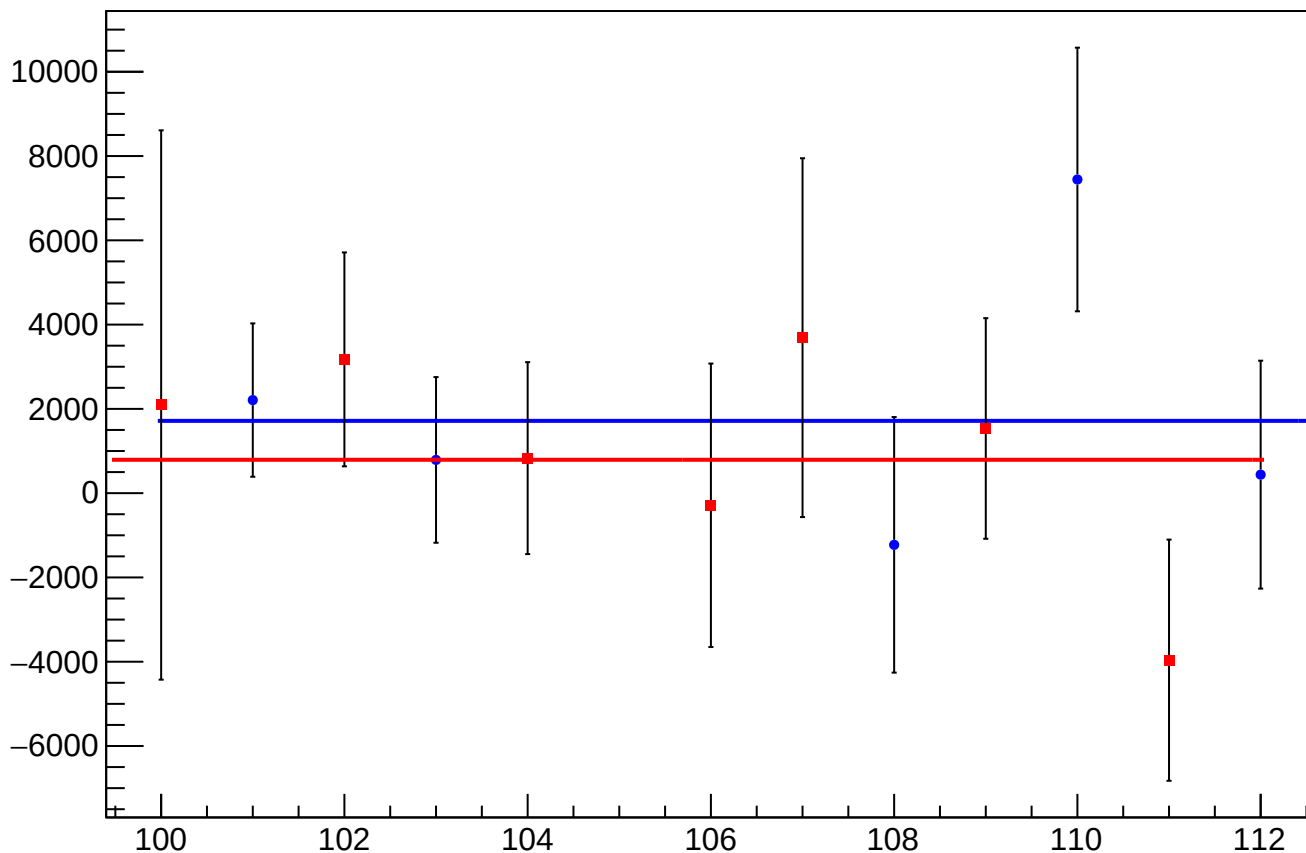
Right: 154.046+/-0.099 χ^2/NDF : 7010666.0/11

In: 499.817+/-0.288 χ^2/NDF : 1967933.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.046+/-0.099 χ^2/NDF : 7010666.0/11

dit_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1715.788+/-1049.186 χ^2/NDF : 4.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 792.440+/-1129.945 χ^2/NDF : 4.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

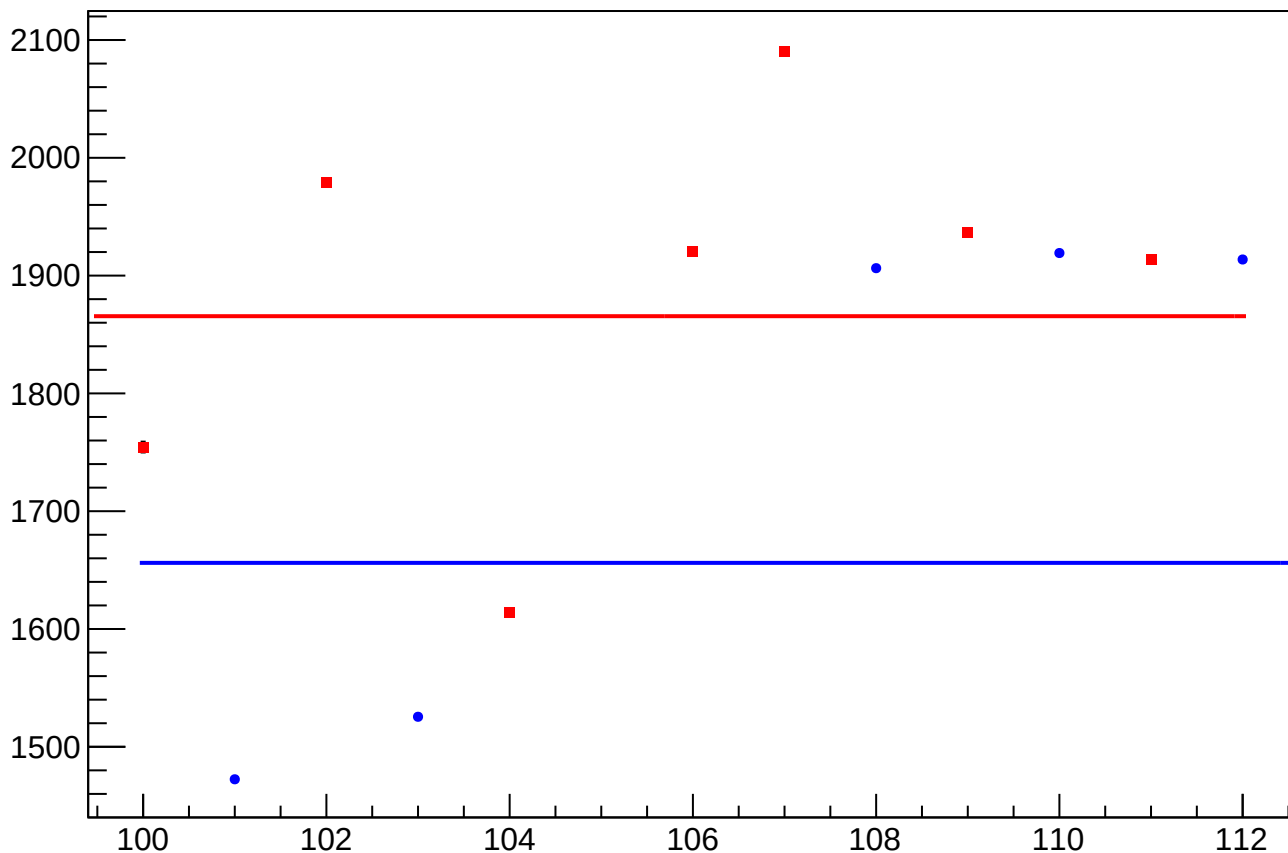
Right: 1288.286+/-768.853 χ^2/NDF : 9.5/11

In: 1715.788+/-1049.186 χ^2/NDF : 4.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1288.286+/-768.853 χ^2/NDF : 9.5/11

dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1656.143+/-0.742 χ^2/NDF : 75111.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1865.544+/-0.799 χ^2/NDF : 37175.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

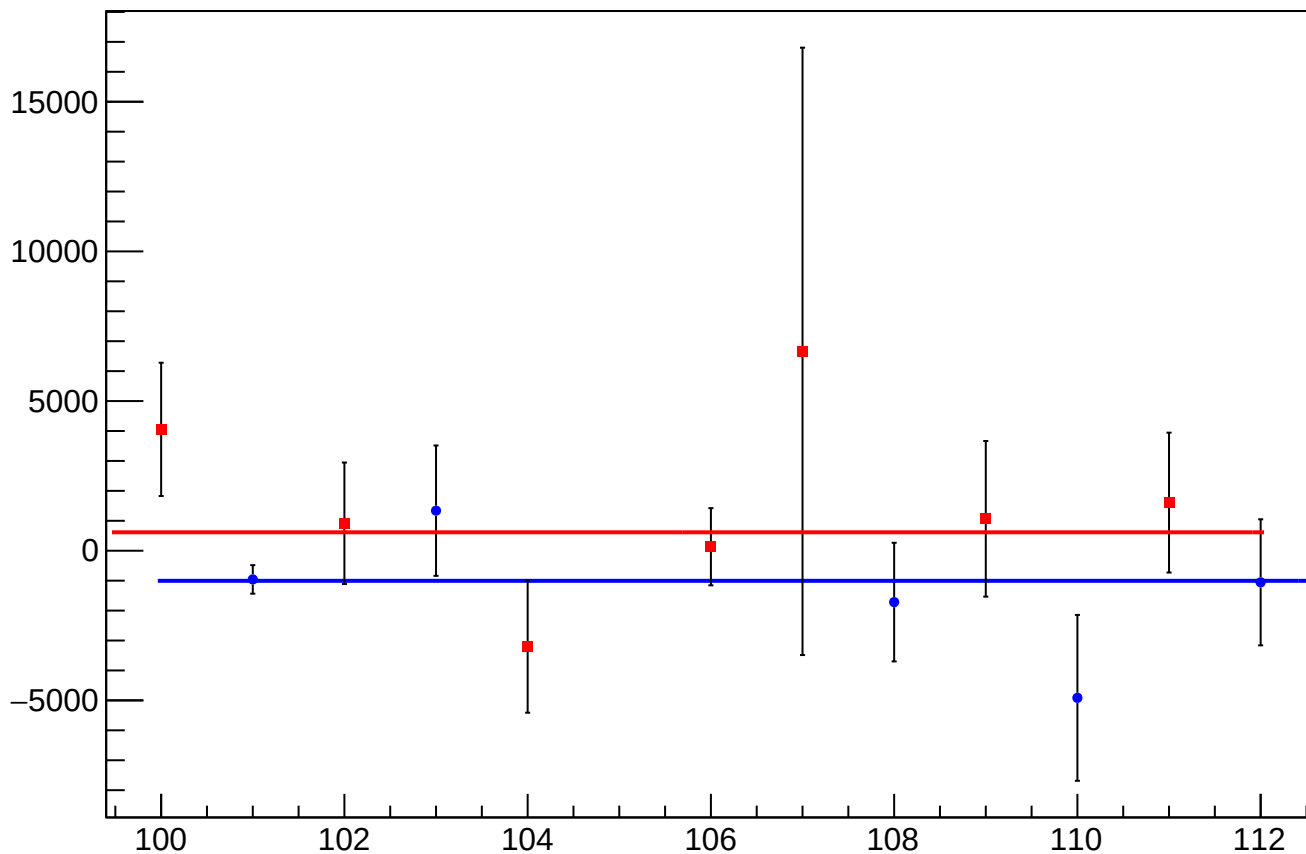
Right: 1753.094+/-0.544 χ^2/NDF : 149172.6/11

In: 1656.143+/-0.742 χ^2/NDF : 75111.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1753.094+/-0.544 χ^2/NDF : 149172.6/11

asym_usl_atl1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1005.644+/-437.750 χ^2/NDF : 3.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 615.559+/-792.708 χ^2/NDF : 6.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

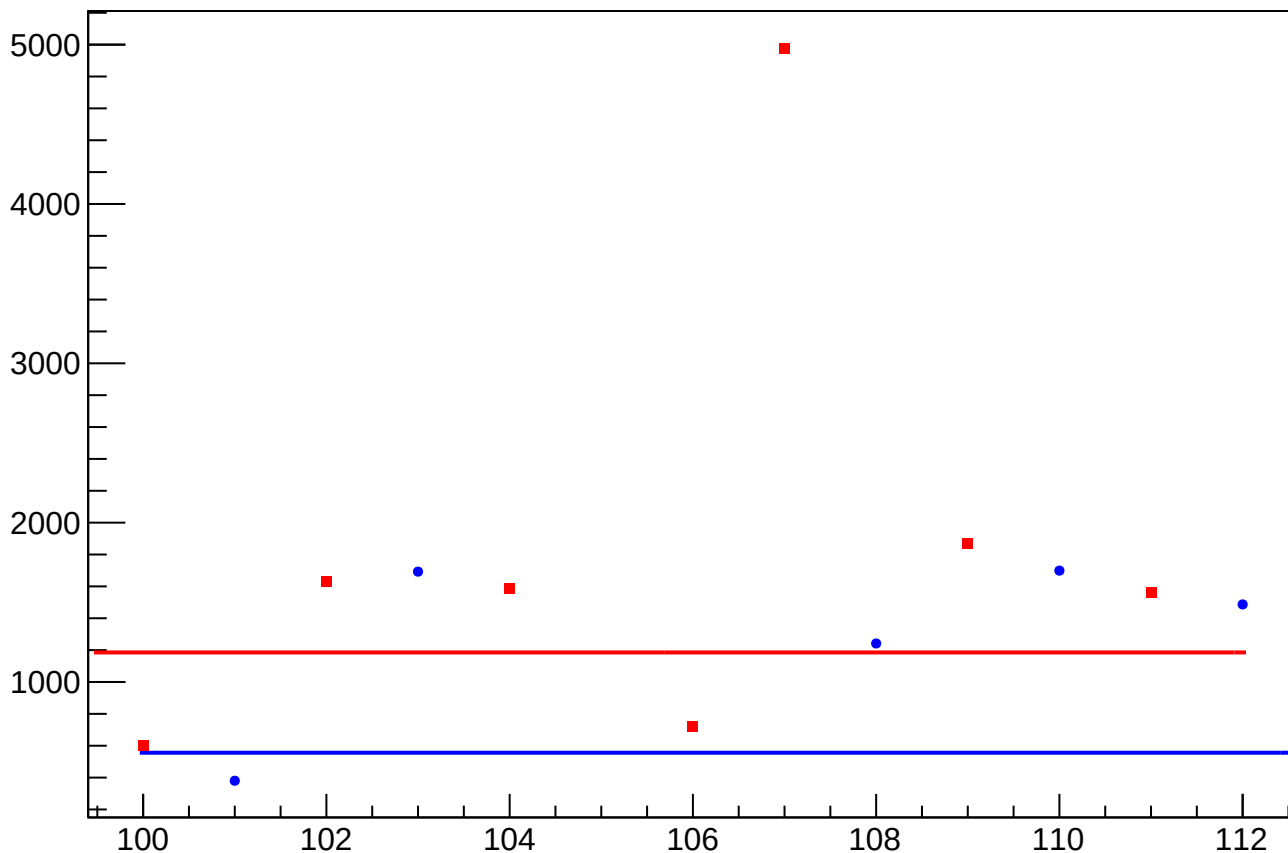
Right: -626.793+/-383.203 χ^2/NDF : 12.6/11

In: -1005.644+/-437.750 χ^2/NDF : 3.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -626.793+/-383.203 χ^2/NDF : 12.6/11

asym_usl_atl1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 555.999+/-0.310 χ^2/NDF : 1786943.8/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1185.463+/-0.561 χ^2/NDF : 1027287.7/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

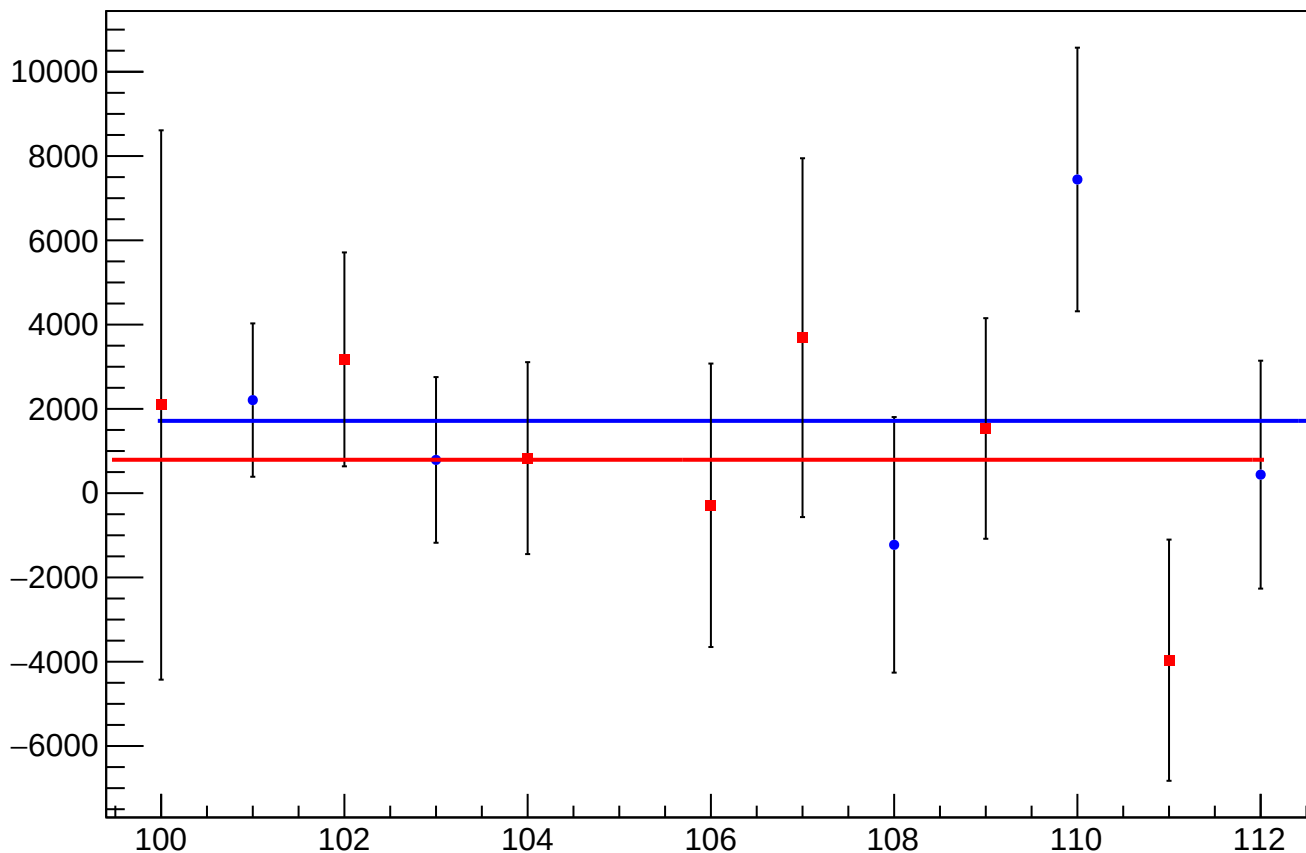
Right: 703.096+/-0.271 χ^2/NDF : 3780619.2/11

In: 555.999+/-0.310 χ^2/NDF :1786943.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 703.096+/-0.271 χ^2/NDF : 3780619.2/11

eigen_dit_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1715.784+/-1049.185 χ^2/NDF : 4.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 792.435+/-1129.945 χ^2/NDF : 4.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

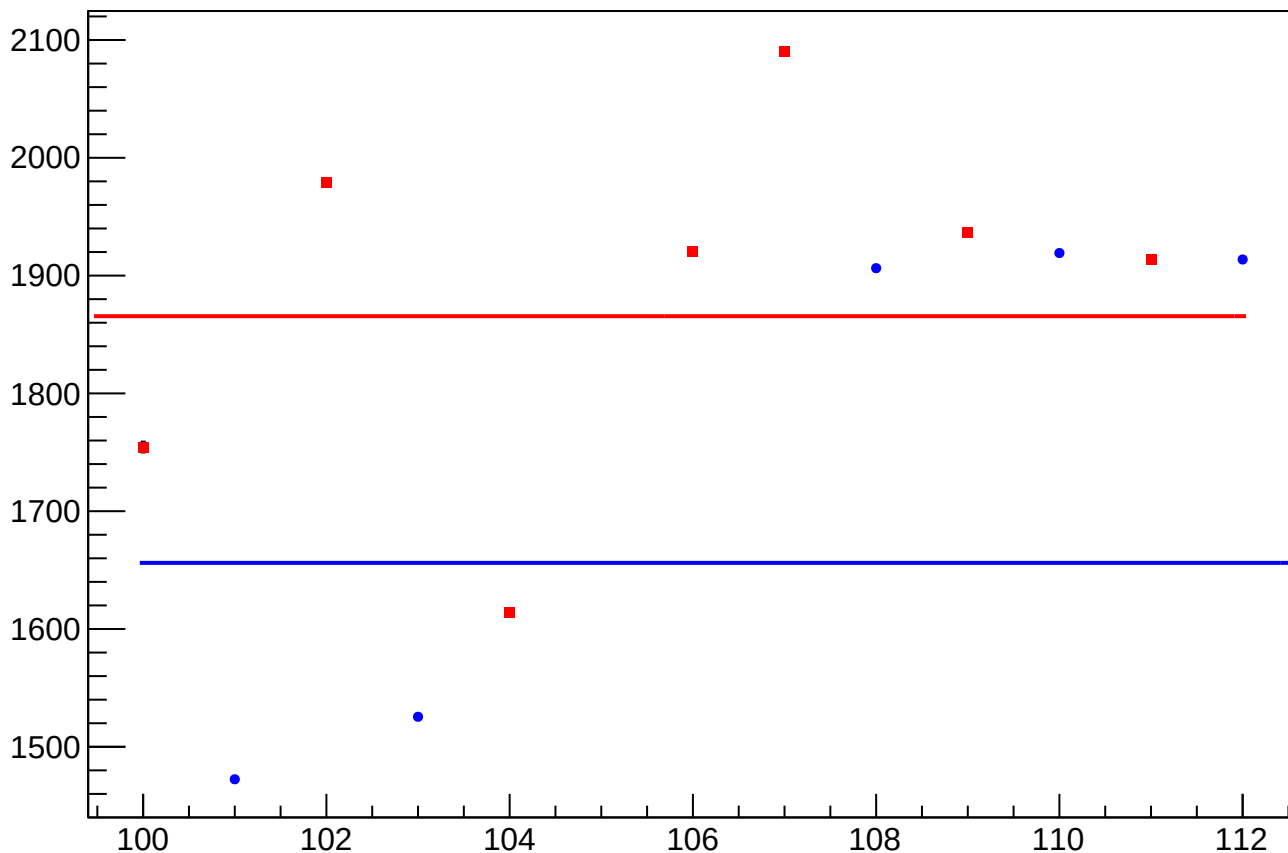
Right: 1288.282+/-768.853 χ^2/NDF : 9.5/11

In: 1715.784+/-1049.185 χ^2/NDF : 4.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1288.282+/-768.853 χ^2/NDF : 9.5/11

eigen_dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1656.142+/-0.742 χ^2/NDF : 75112.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1865.543+/-0.799 χ^2/NDF : 37175.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

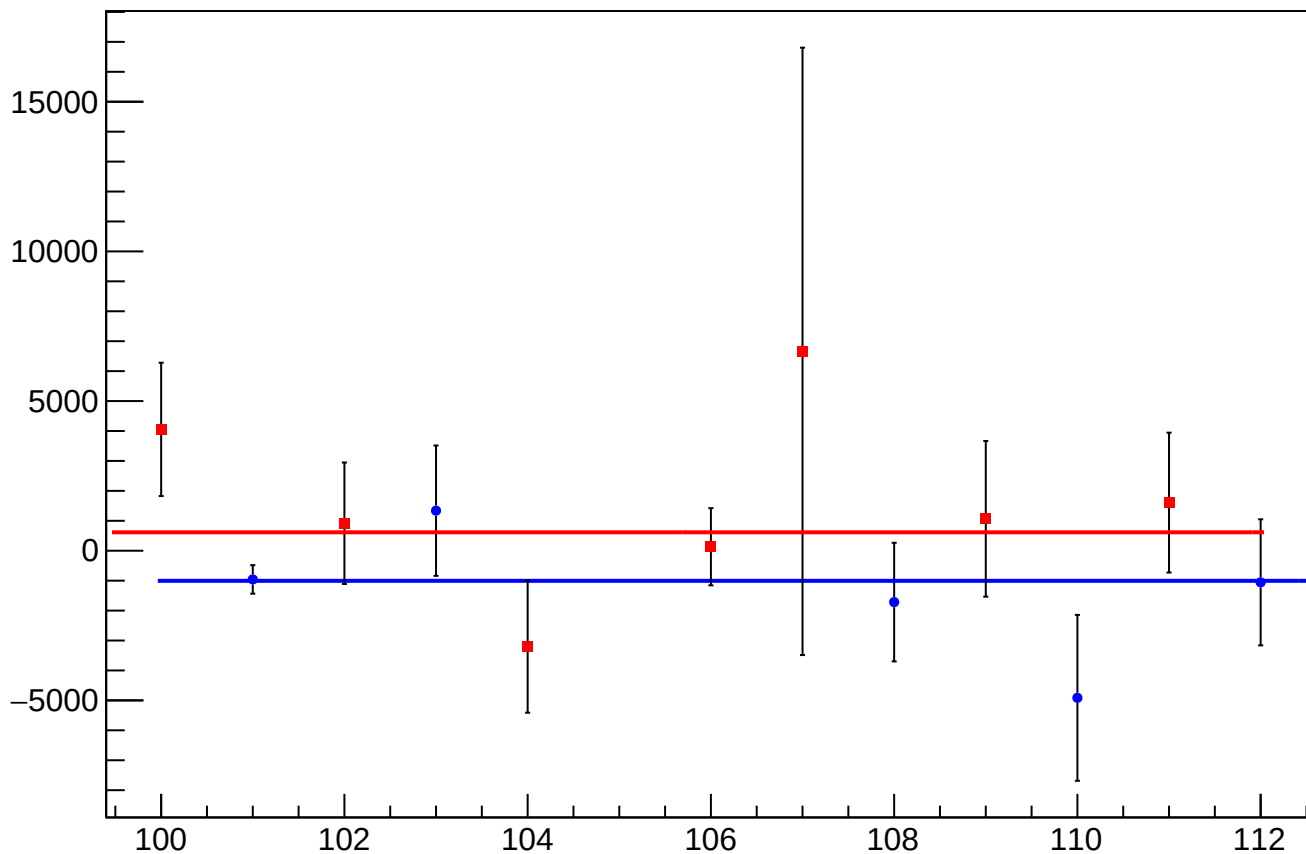
Right: 1753.093+/-0.544 χ^2/NDF : 149173.6/11

In: 1656.142+/-0.742 χ^2/NDF : 75112.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1753.093+/-0.544 χ^2/NDF : 149173.6/11

asym_usl_atl1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1005.648 $\pm$ 437.750 χ^2 /NDF: 3.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 615.560 $\pm$ 792.709 χ^2 /NDF: 6.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

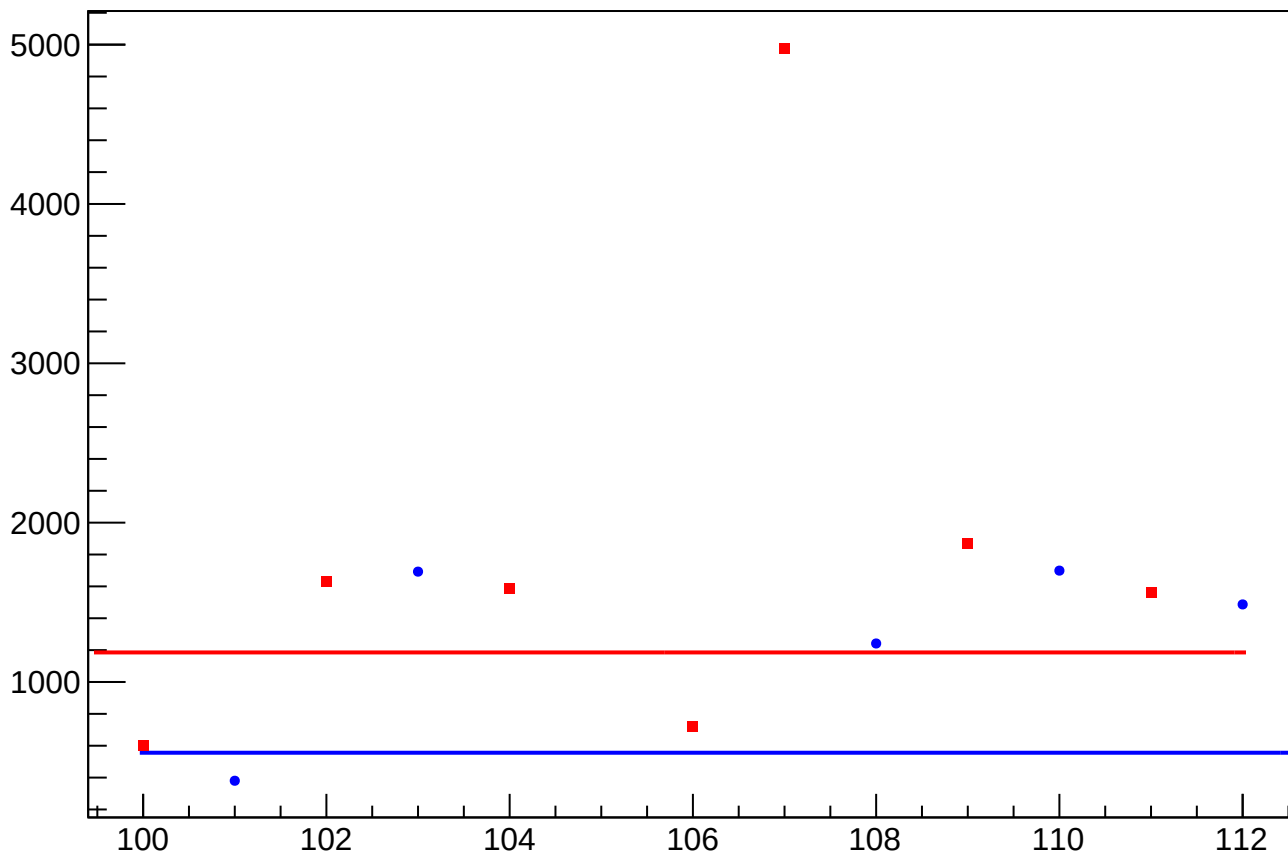
Right: -626.794 $\pm$ 383.204 χ^2 /NDF: 12.6/11

In: -1005.648 $\pm$ 437.750 χ^2 /NDF:3.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -626.794 $\pm$ 383.204 χ^2 /NDF: 12.6/11

asym_usl_atl1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 556.000+/-0.310 χ^2/NDF : 1786941.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1185.464+/-0.561 χ^2/NDF : 1027288.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

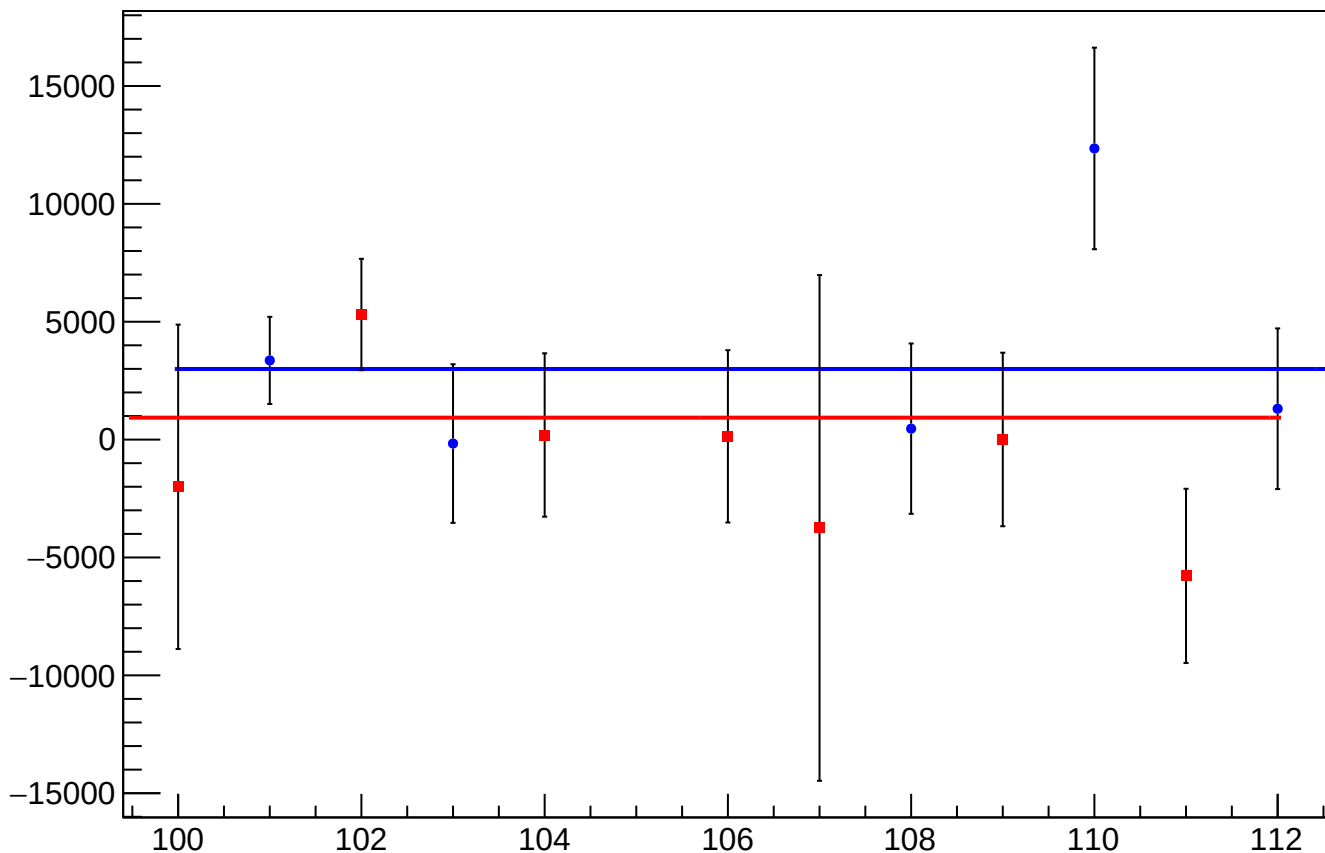
Right: 703.097+/-0.271 χ^2/NDF : 3780615.1/11

In: 556.000+/-0.310 χ^2/NDF : 1786941.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 703.097+/-0.271 χ^2/NDF : 3780615.1/11

asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2995.378+/-1292.474 χ^2/NDF : 6.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 930.793+/-1394.968 χ^2/NDF : 7.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

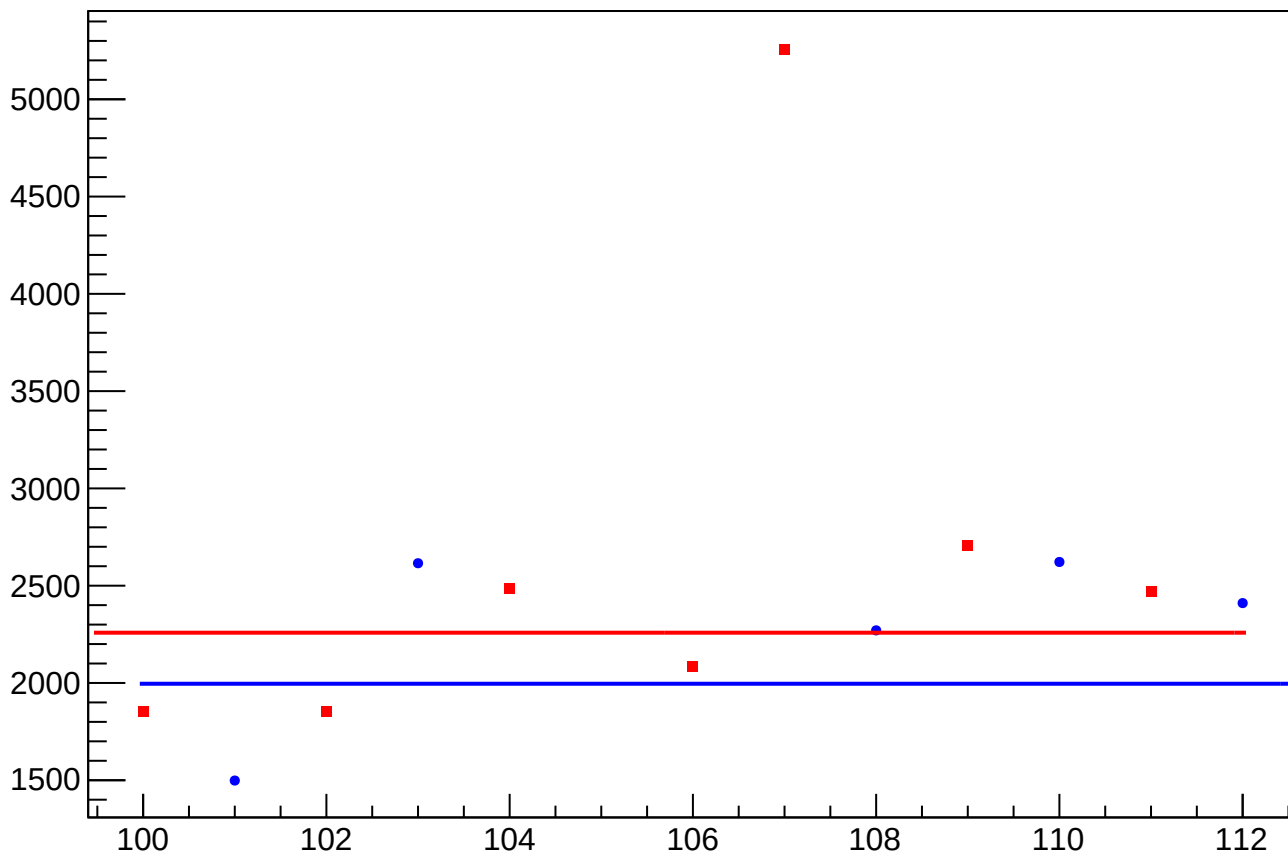
Right: 2041.710+/-948.083 χ^2/NDF : 14.9/11

In: 2995.378+/-1292.474 χ^2/NDF : 6.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2041.710+/-948.083 χ^2/NDF : 14.9/11

asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1995.956+/-0.914 χ^2/NDF : 296781.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2258.361+/-0.986 χ^2/NDF : 271034.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

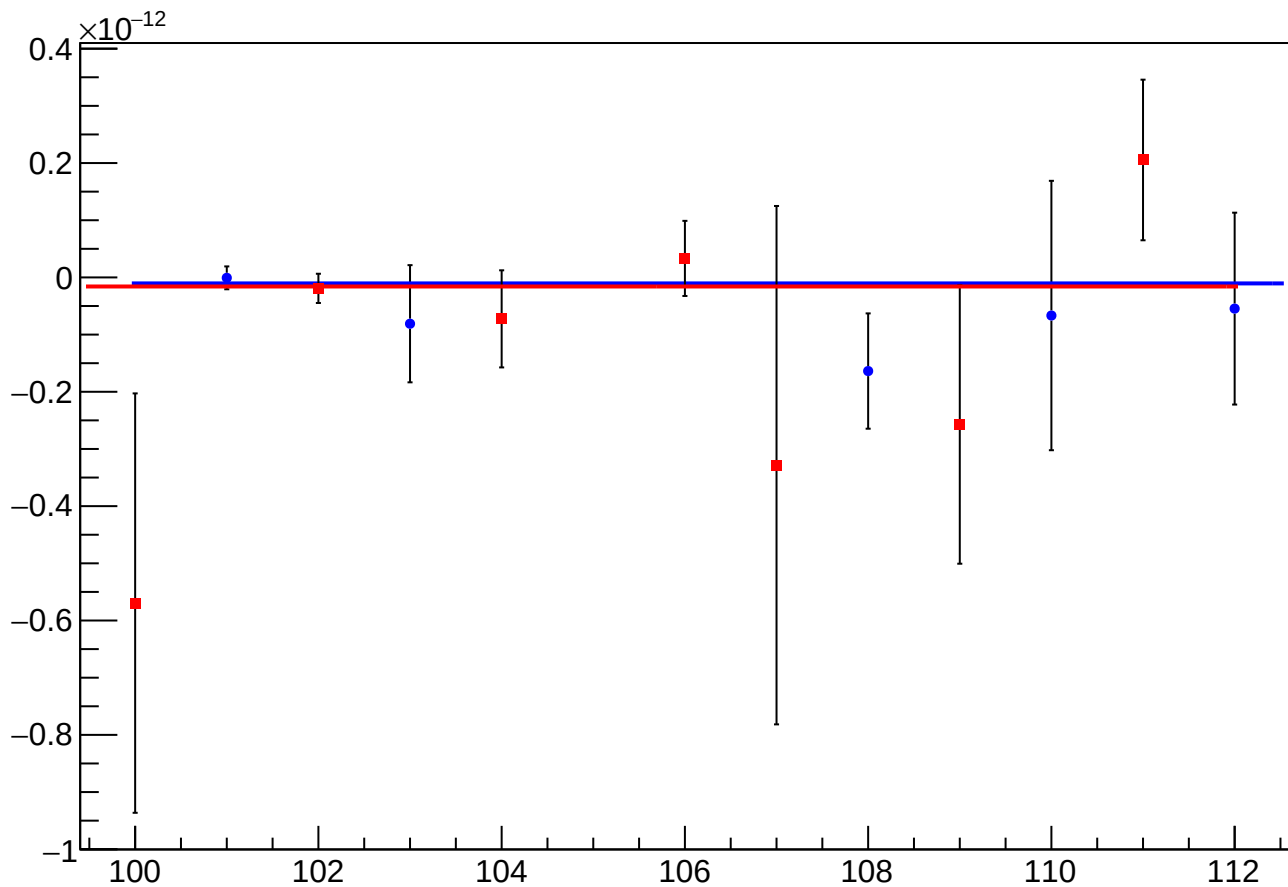
Right: 2117.165+/-0.670 χ^2/NDF : 605895.2/11

In: 1995.956+/-0.914 χ^2/NDF : 296781.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2117.165+/-0.670 χ^2/NDF : 605895.2/11

asym_usl_atl1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.1/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.2/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

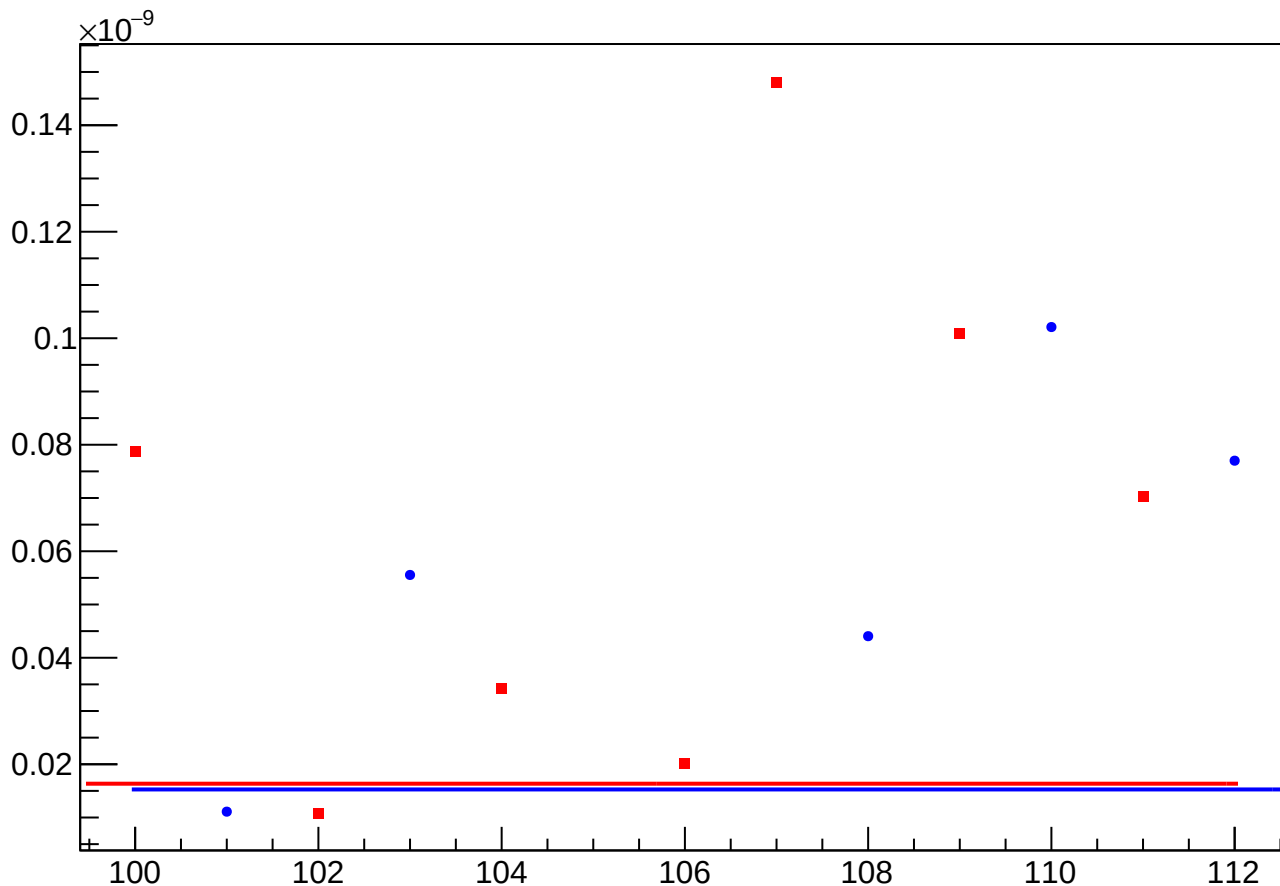
Right: -0.000+/-0.000 χ^2/NDF : 10.4/11

In: -0.000+/-0.000 χ^2/NDF :3.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.4/11

asym_usl_atl1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1101531.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 955862.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

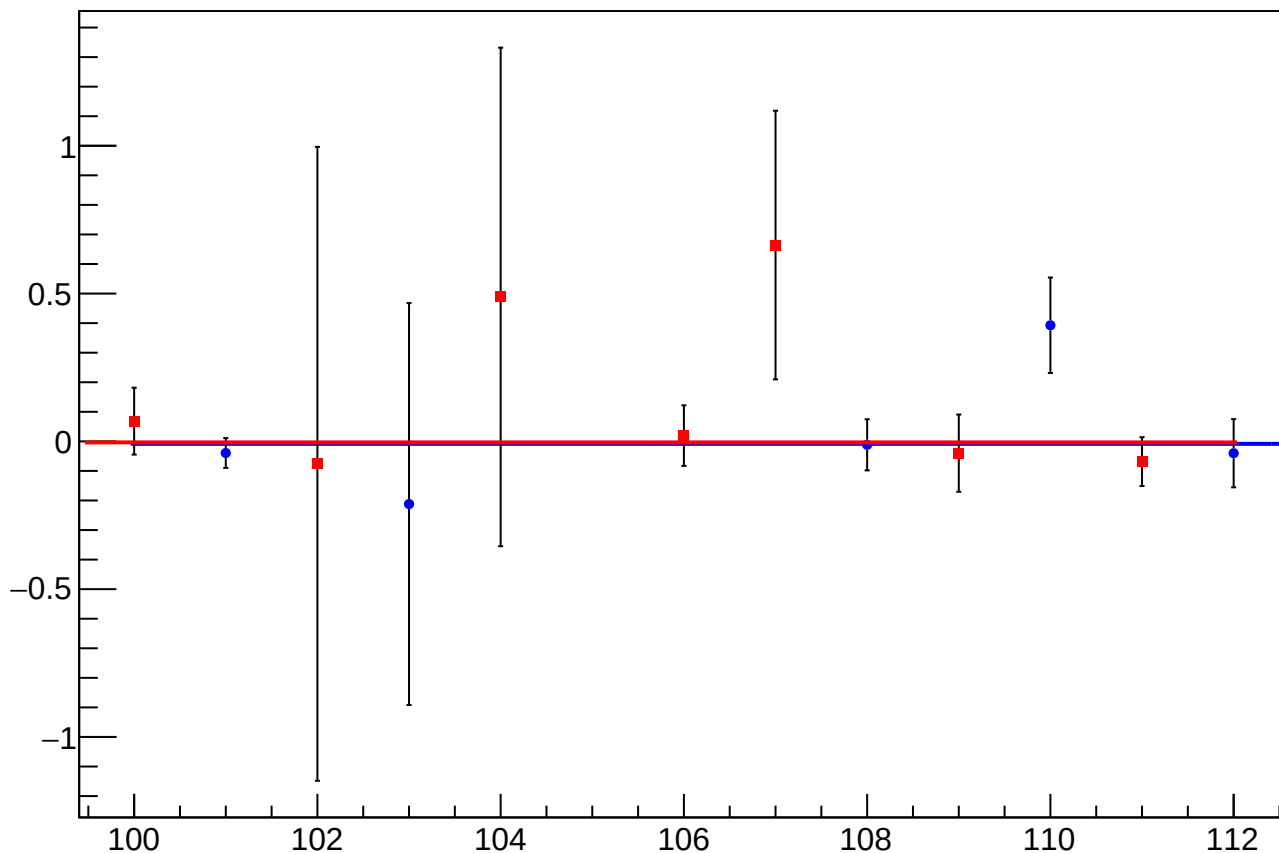
Right: 0.000+/-0.000 χ^2/NDF : 2060078.4/11

In: 0.000+/-0.000 χ^2/NDF : 1101531.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2060078.4/11

asym_usl_atl1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008+/-0.039 χ^2 /NDF: 6.7/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.003+/-0.051 χ^2 /NDF: 3.7/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

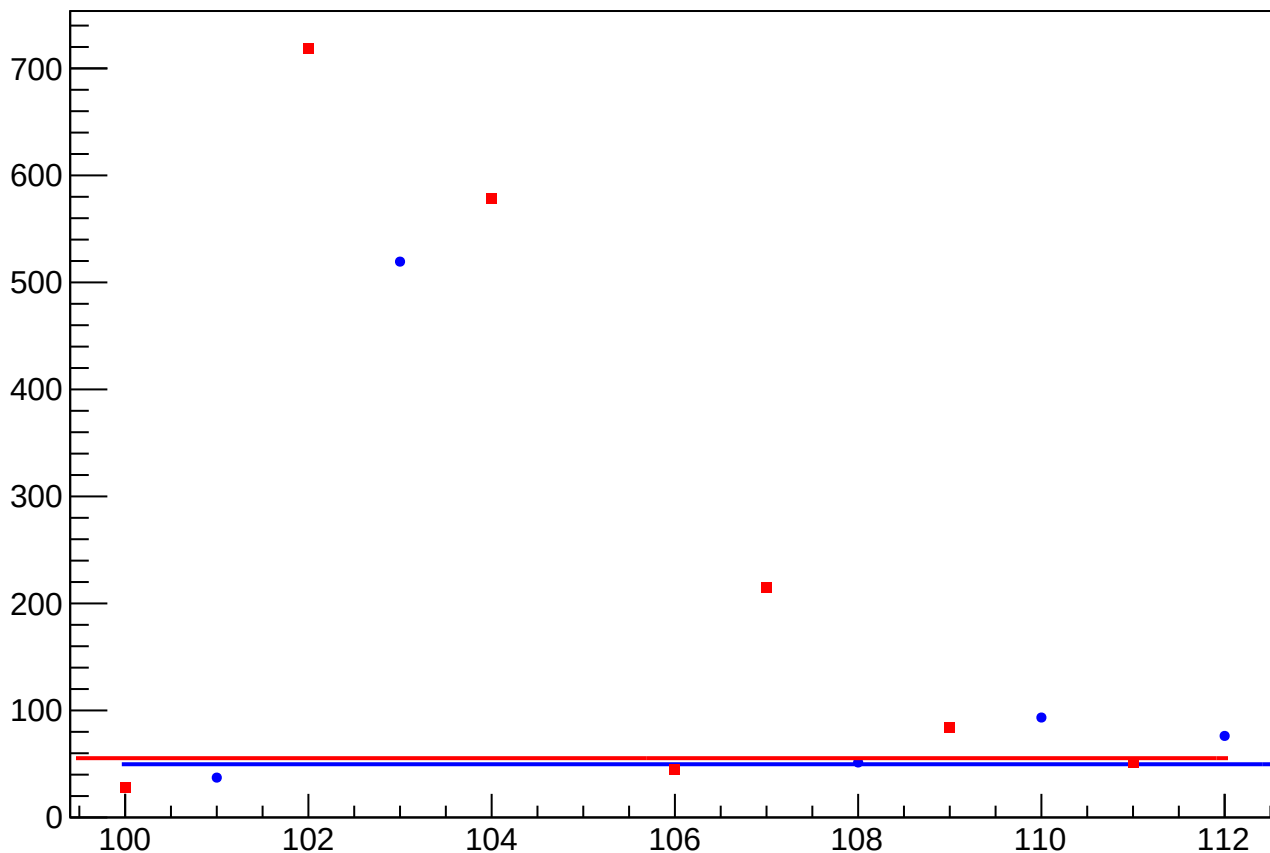
Right: -0.007+/-0.031 χ^2 /NDF: 10.4/11

In: -0.008+/-0.039 χ^2 /NDF:6.7/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.007+/-0.031 χ^2 /NDF: 10.4/11

asym_usl_atl1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.723+/-0.028 χ^2/NDF : 1329109.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.397+/-0.036 χ^2/NDF : 2020530.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

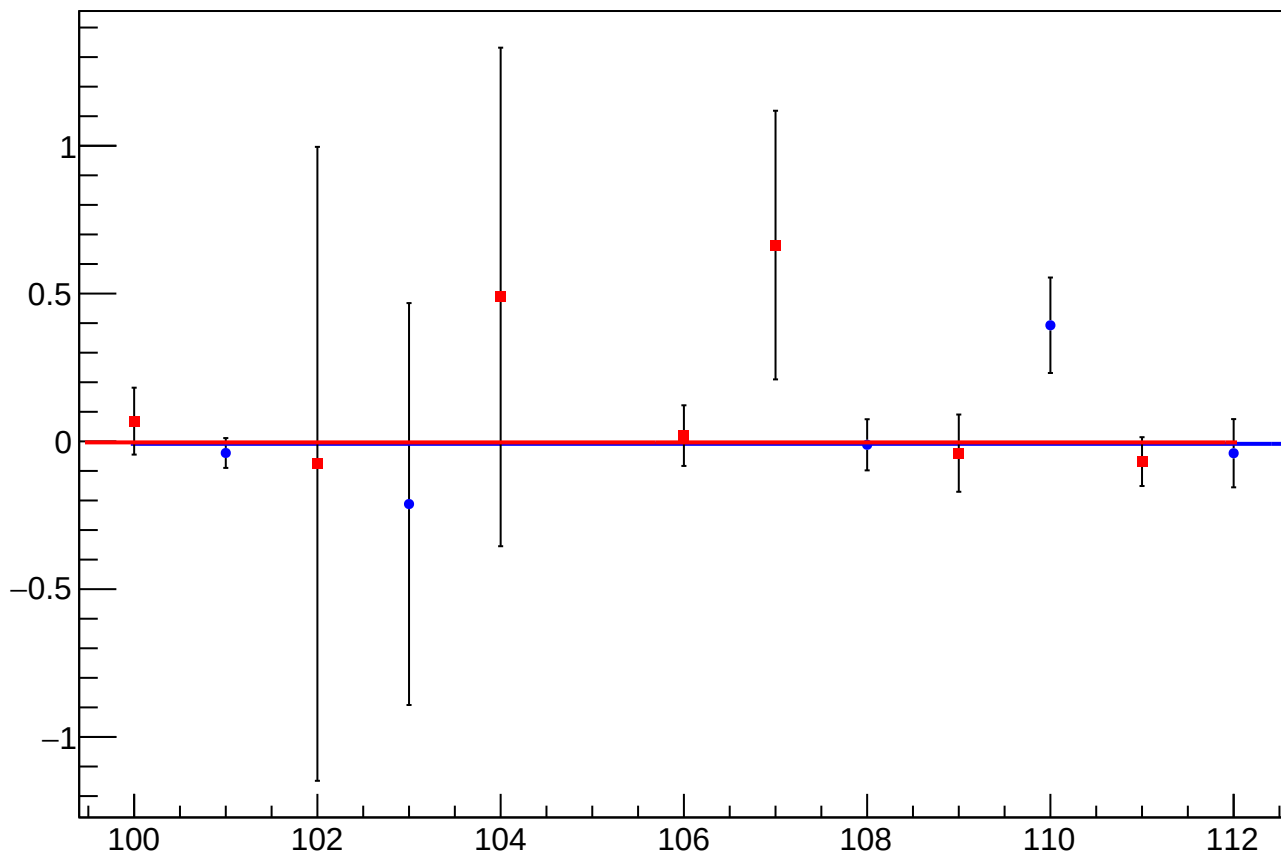
Right: 51.852+/-0.022 χ^2/NDF : 3365140.2/11

In: 49.723+/-0.028 χ^2/NDF : 1329109.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.852+/-0.022 χ^2/NDF : 3365140.2/11

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008+/-0.039 χ^2/NDF : 6.7/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.003+/-0.051 χ^2/NDF : 3.7/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

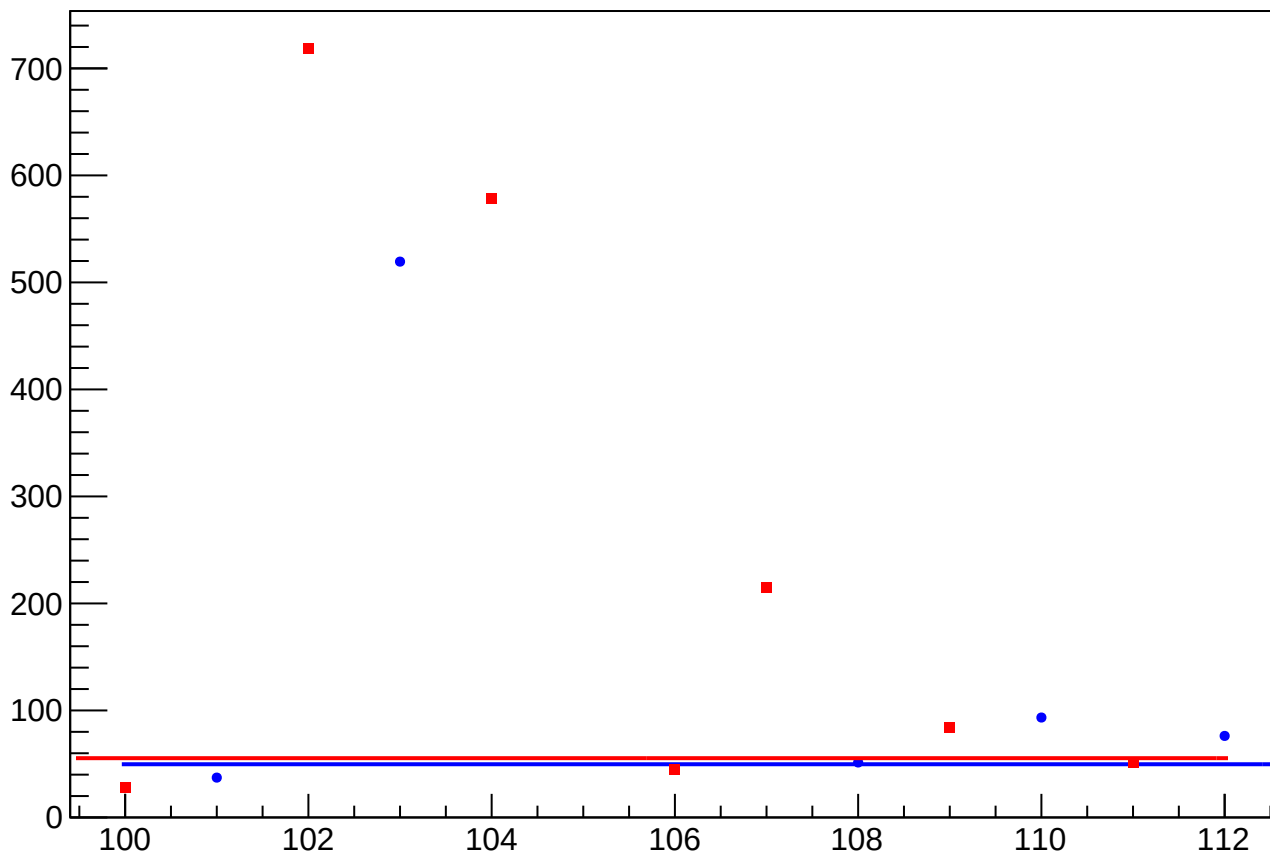
Right: -0.007+/-0.031 χ^2/NDF : 10.4/11

In: -0.008+/-0.039 χ^2/NDF :6.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.007+/-0.031 χ^2/NDF : 10.4/11

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.723+/-0.028 χ^2/NDF : 1329109.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.397+/-0.036 χ^2/NDF : 2020530.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

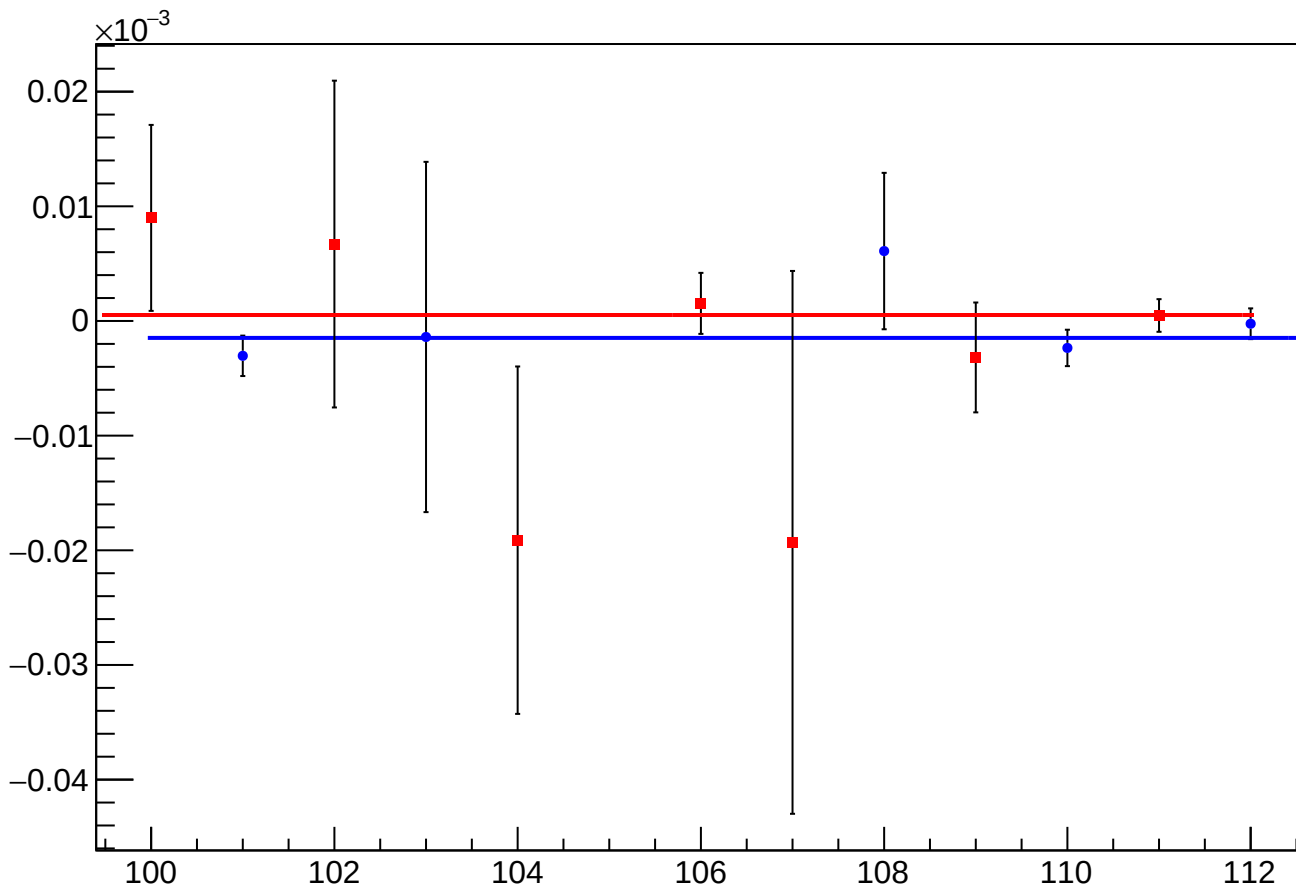
Right: 51.852+/-0.022 χ^2/NDF : 3365140.2/11

In: 49.723+/-0.028 χ^2/NDF : 1329109.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.852+/-0.022 χ^2/NDF : 3365140.2/11

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

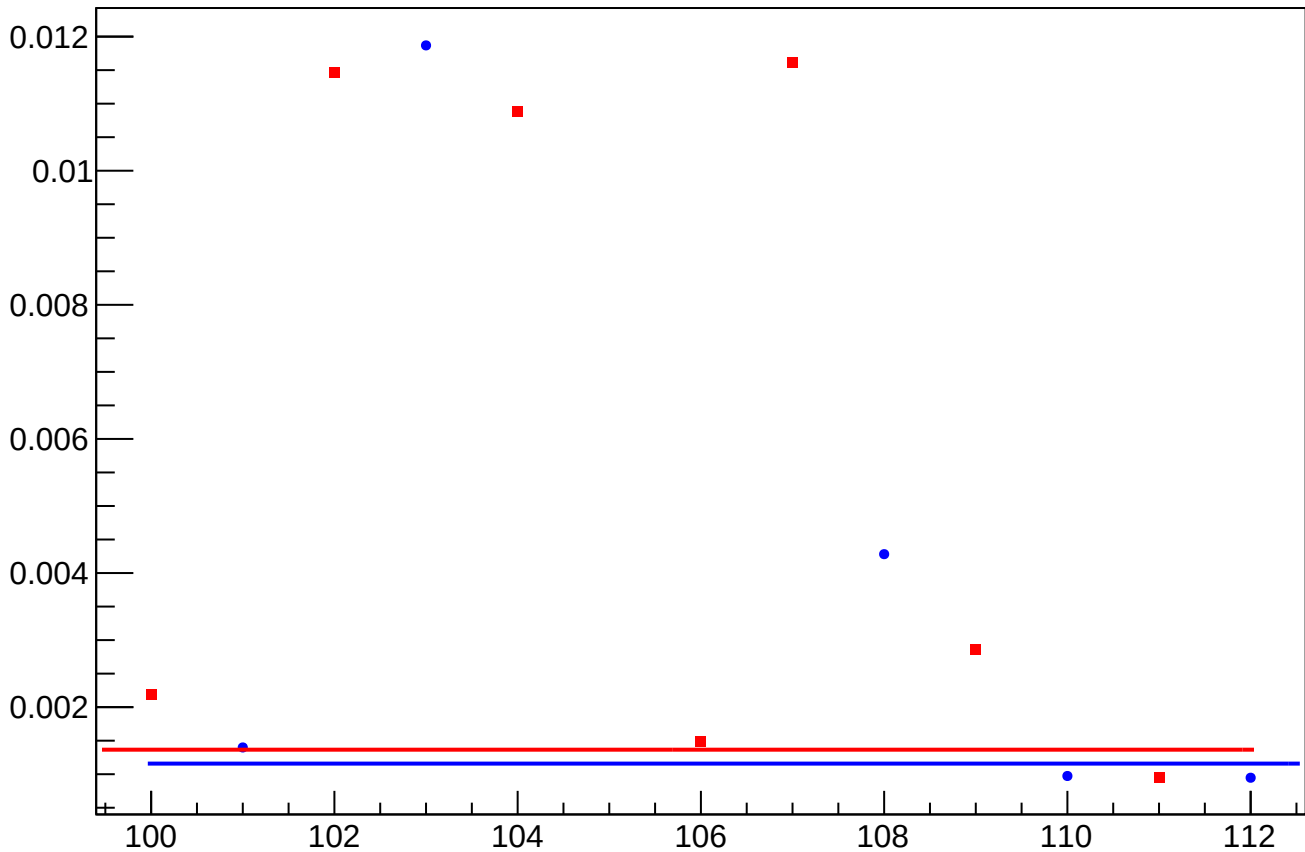
Right: -0.000+/-0.000 χ^2/NDF : 9.4/11

In: -0.000+/-0.000 χ^2/NDF : 3.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.4/11

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1516704.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2556883.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

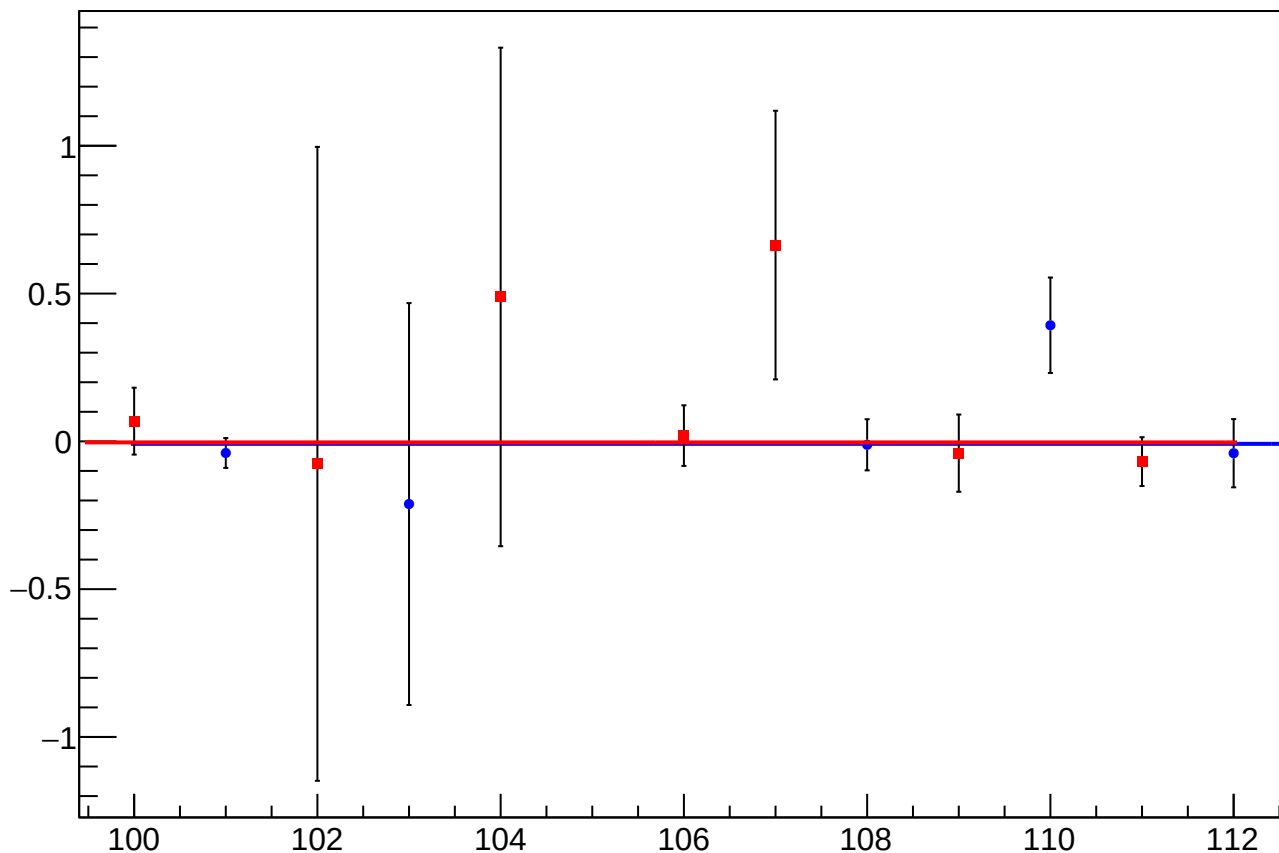
Right: 0.001+/-0.000 χ^2/NDF : 4112938.9/11

In: 0.001+/-0.000 χ^2/NDF : 1516704.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4112938.9/11

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008+/-0.039 χ^2 /NDF: 6.7/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.003+/-0.051 χ^2 /NDF: 3.7/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

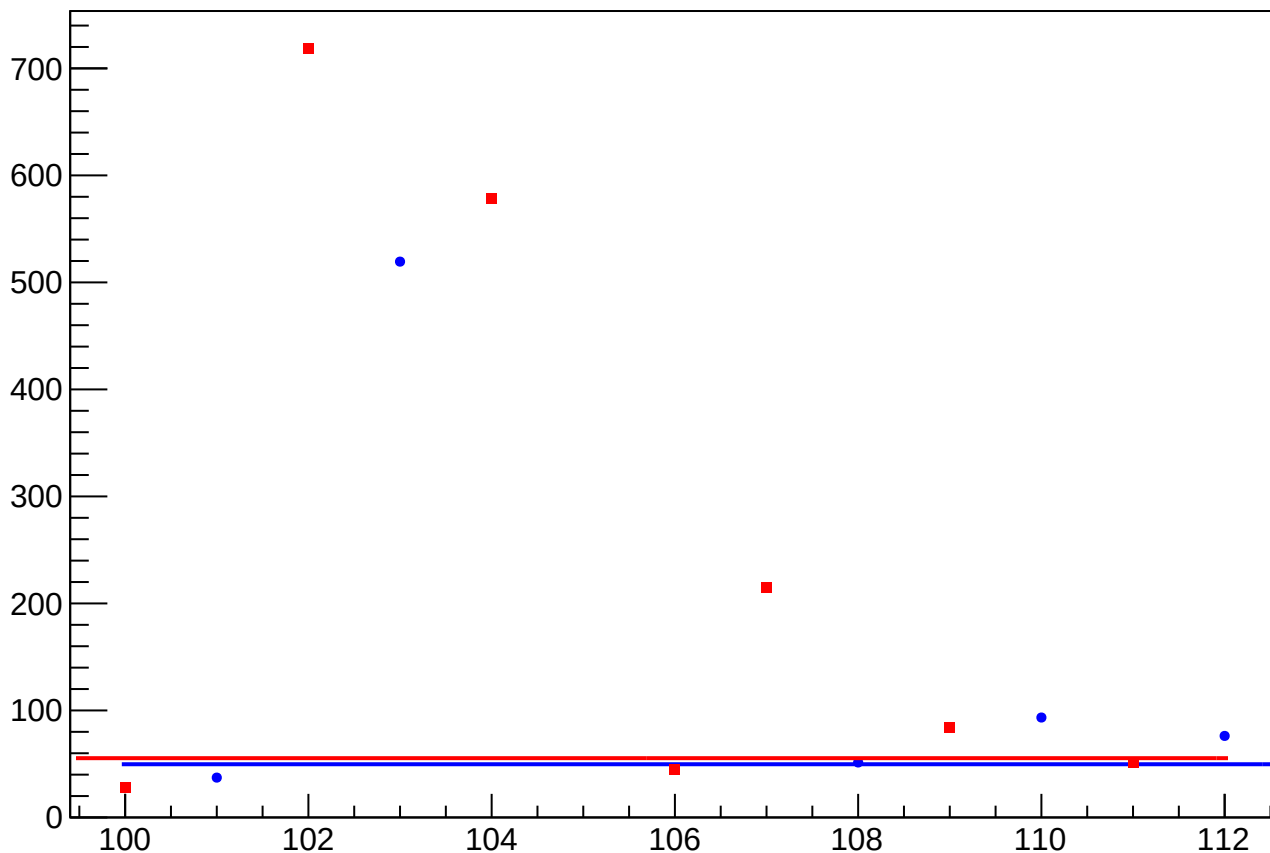
Right: -0.007+/-0.031 χ^2 /NDF: 10.4/11

In: -0.008+/-0.039 χ^2 /NDF:6.7/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.007+/-0.031 χ^2 /NDF: 10.4/11

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.724+/-0.028 χ^2/NDF : 1329097.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.396+/-0.036 χ^2/NDF : 2020522.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

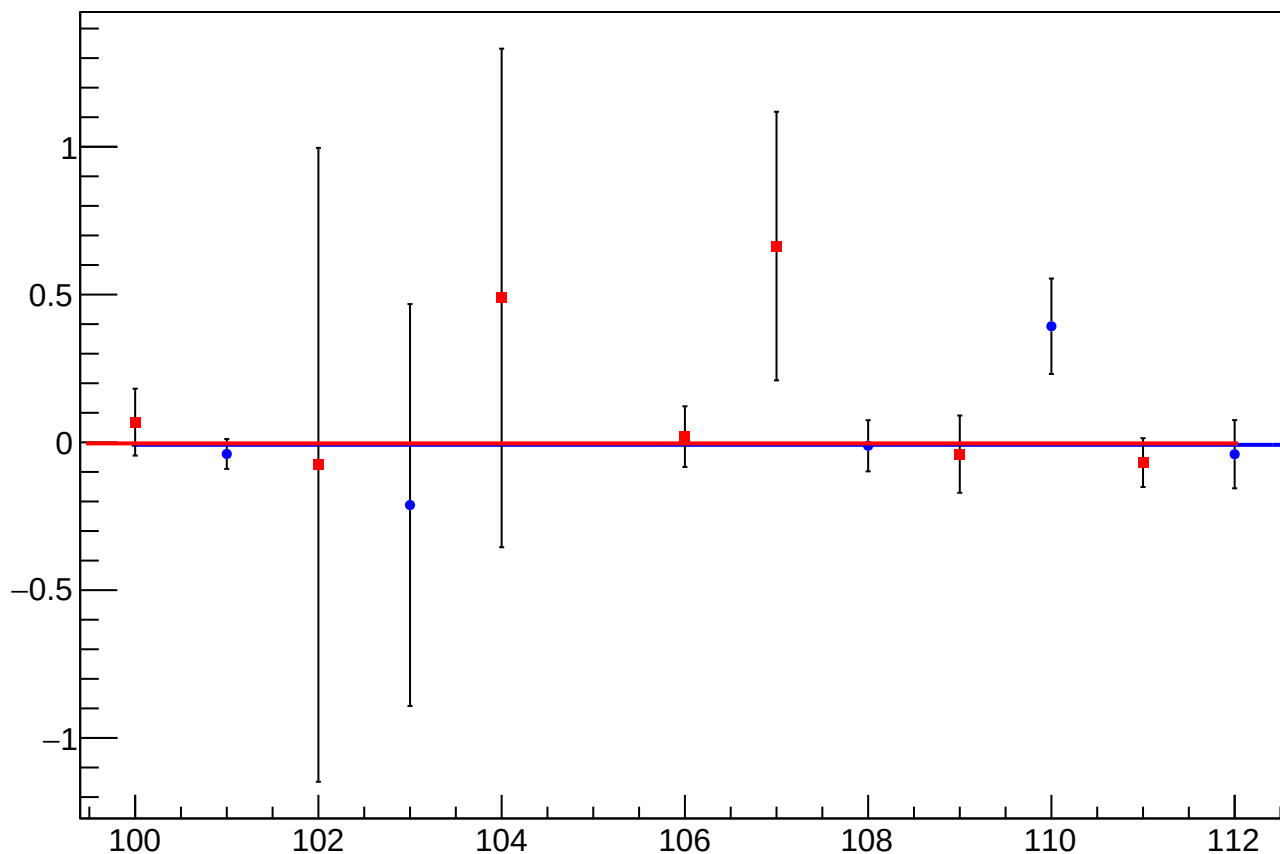
Right: 51.853+/-0.022 χ^2/NDF : 3365113.7/11

In: 49.724+/-0.028 χ^2/NDF : 1329097.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.853+/-0.022 χ^2/NDF : 3365113.7/11

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008+/-0.039 χ^2 /NDF: 6.7/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.003+/-0.051 χ^2 /NDF: 3.7/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

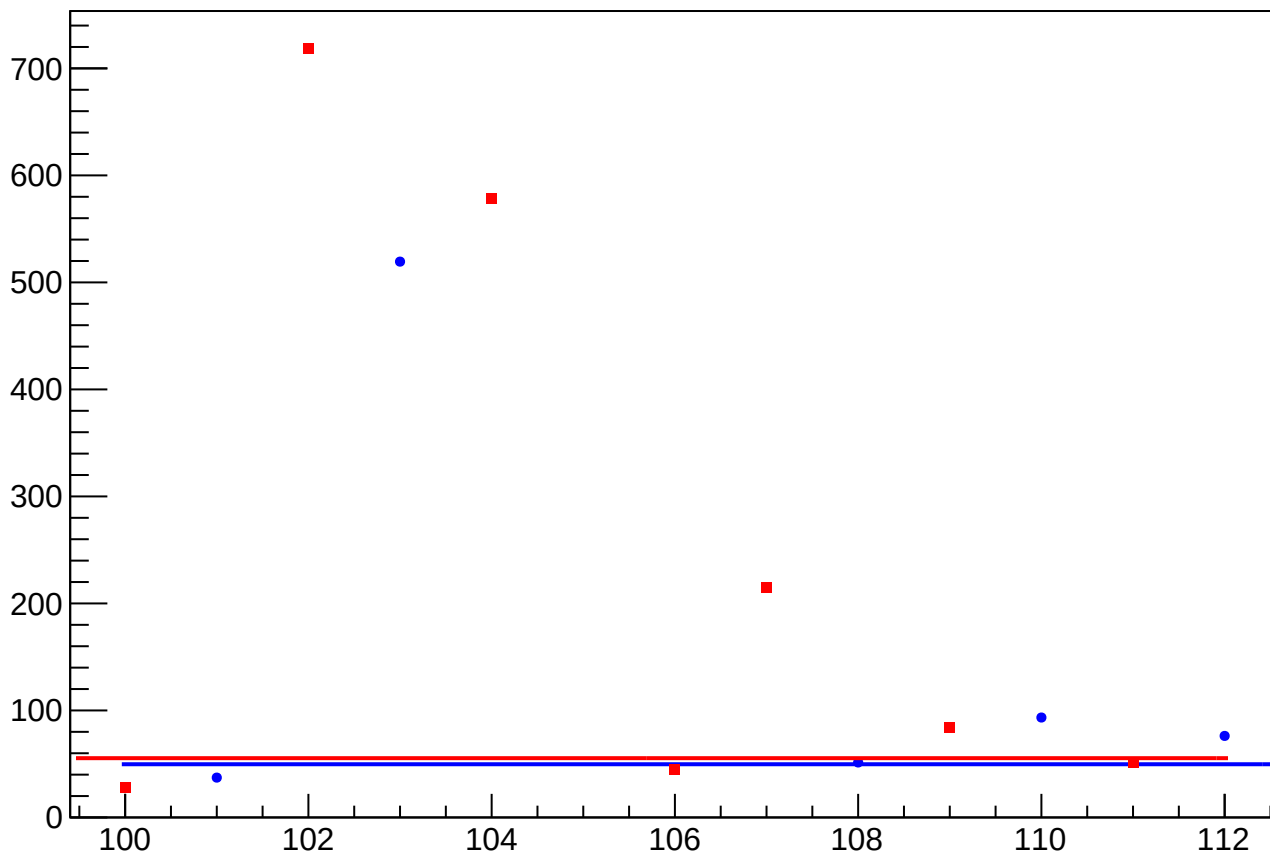
Right: -0.007+/-0.031 χ^2 /NDF: 10.4/11

In: -0.008+/-0.039 χ^2 /NDF:6.7/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.007+/-0.031 χ^2 /NDF: 10.4/11

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.724+/-0.028 χ^2/NDF : 1329097.3/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 55.396+/-0.036 χ^2/NDF : 2020522.5/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

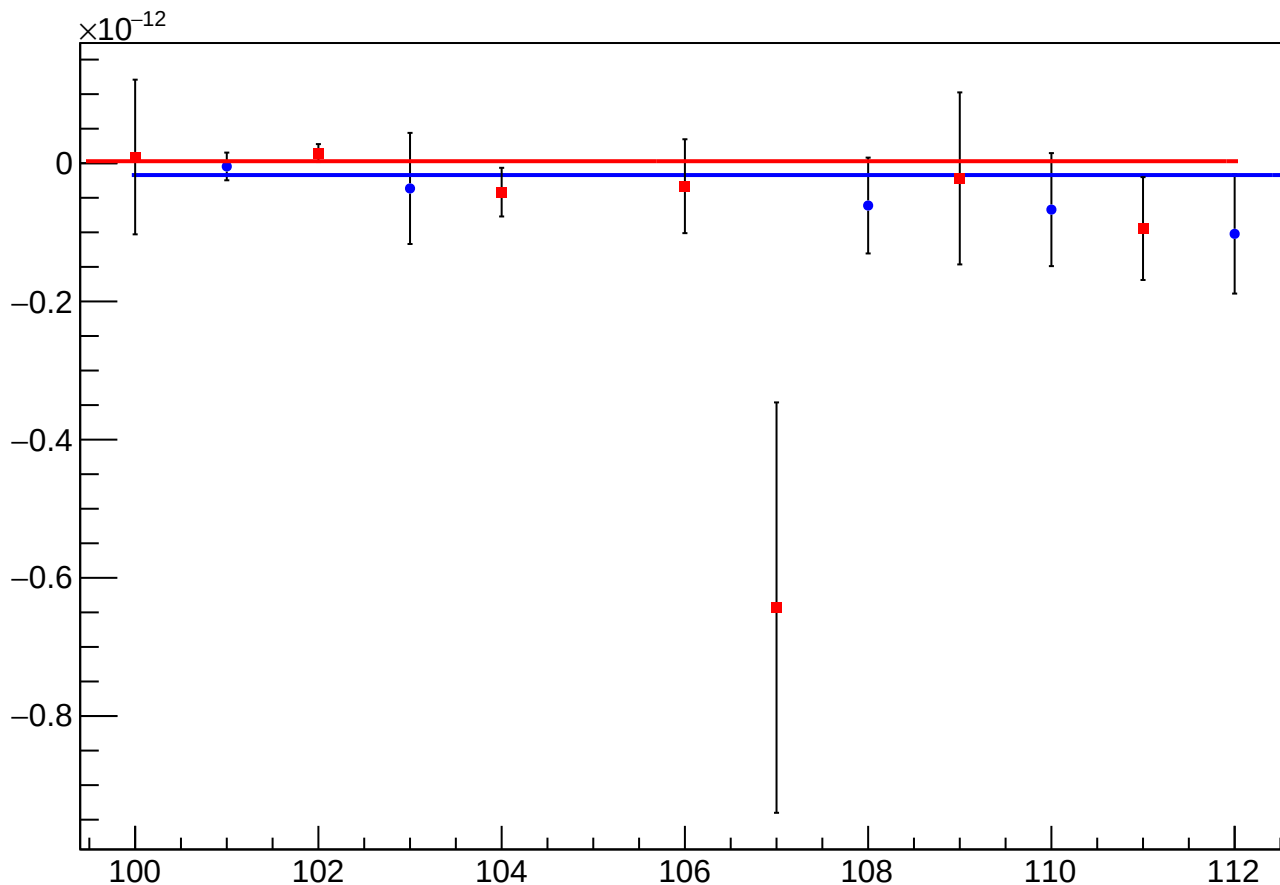
Right: 51.853+/-0.022 χ^2/NDF : 3365113.7/11

In: 49.724+/-0.028 χ^2/NDF :1329097.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 51.853+/-0.022 χ^2/NDF : 3365113.7/11

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 2.2/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 9.2/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

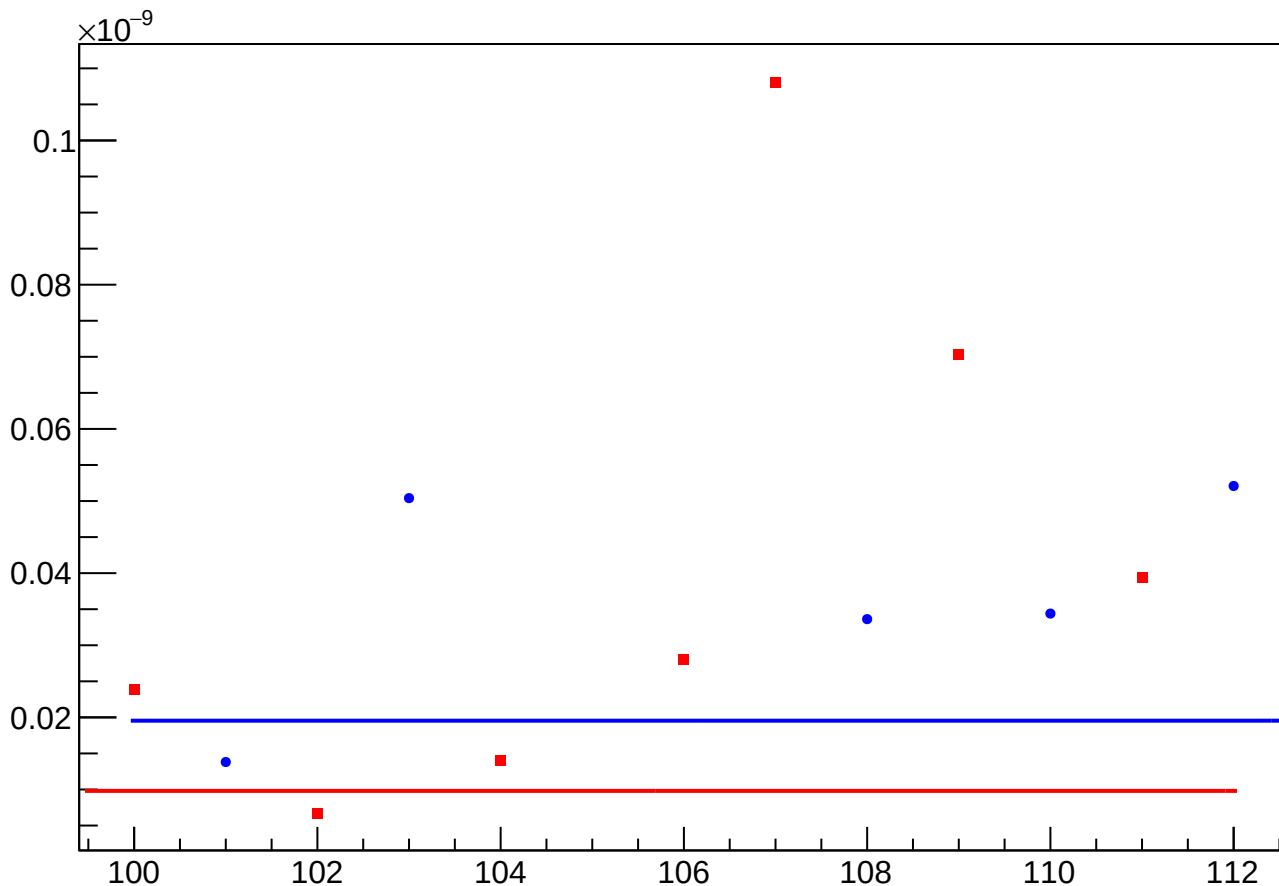
Right: -0.000+/-0.000 χ^2 /NDF: 12.3/11

In: -0.000+/-0.000 χ^2 /NDF:2.2/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 12.3/11

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 890486.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1331198.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

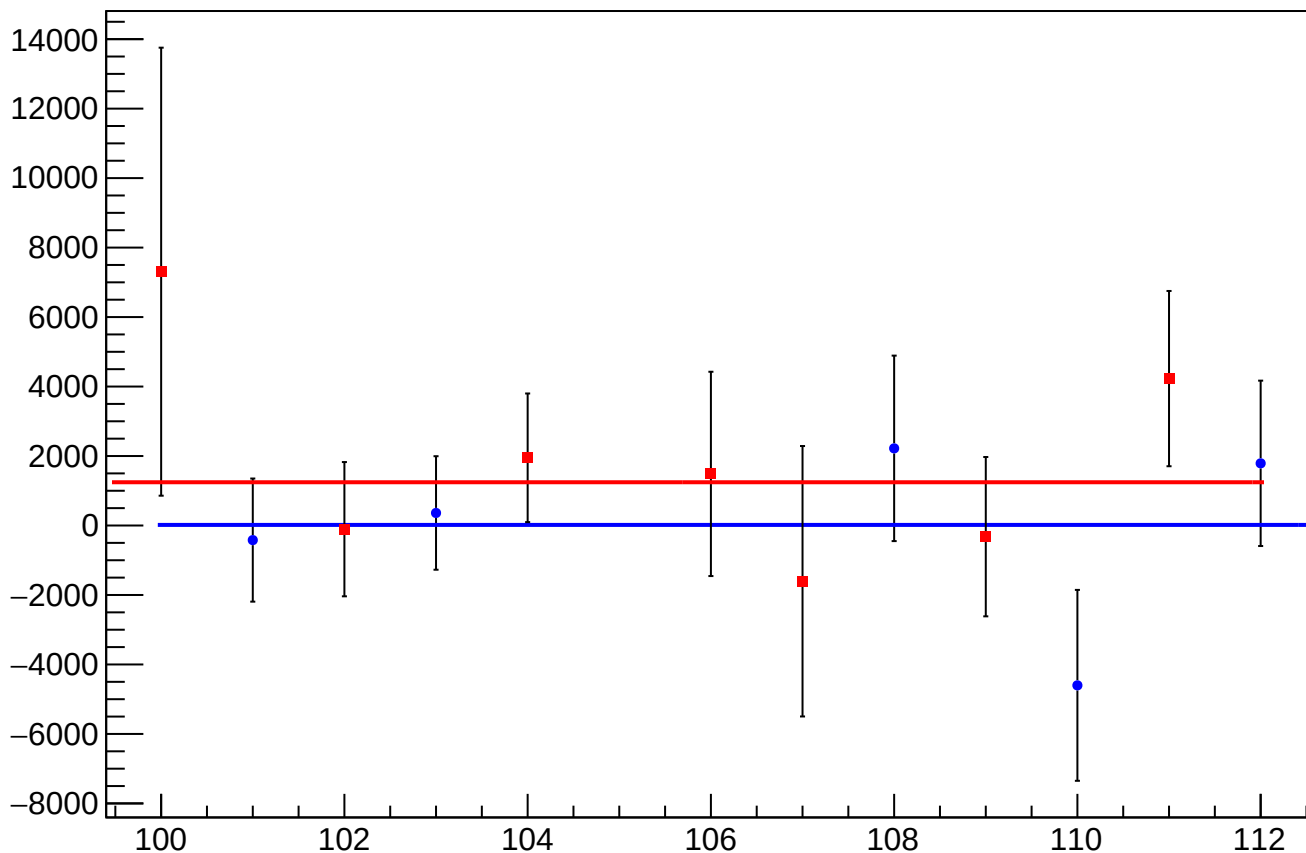
Right: 0.000+/-0.000 χ^2/NDF : 2637537.1/11

In: 0.000+/-0.000 χ^2/NDF : 890486.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2637537.1/11

reg_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 17.078+/-935.616 χ^2/NDF : 4.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1245.112+/-948.050 χ^2/NDF : 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

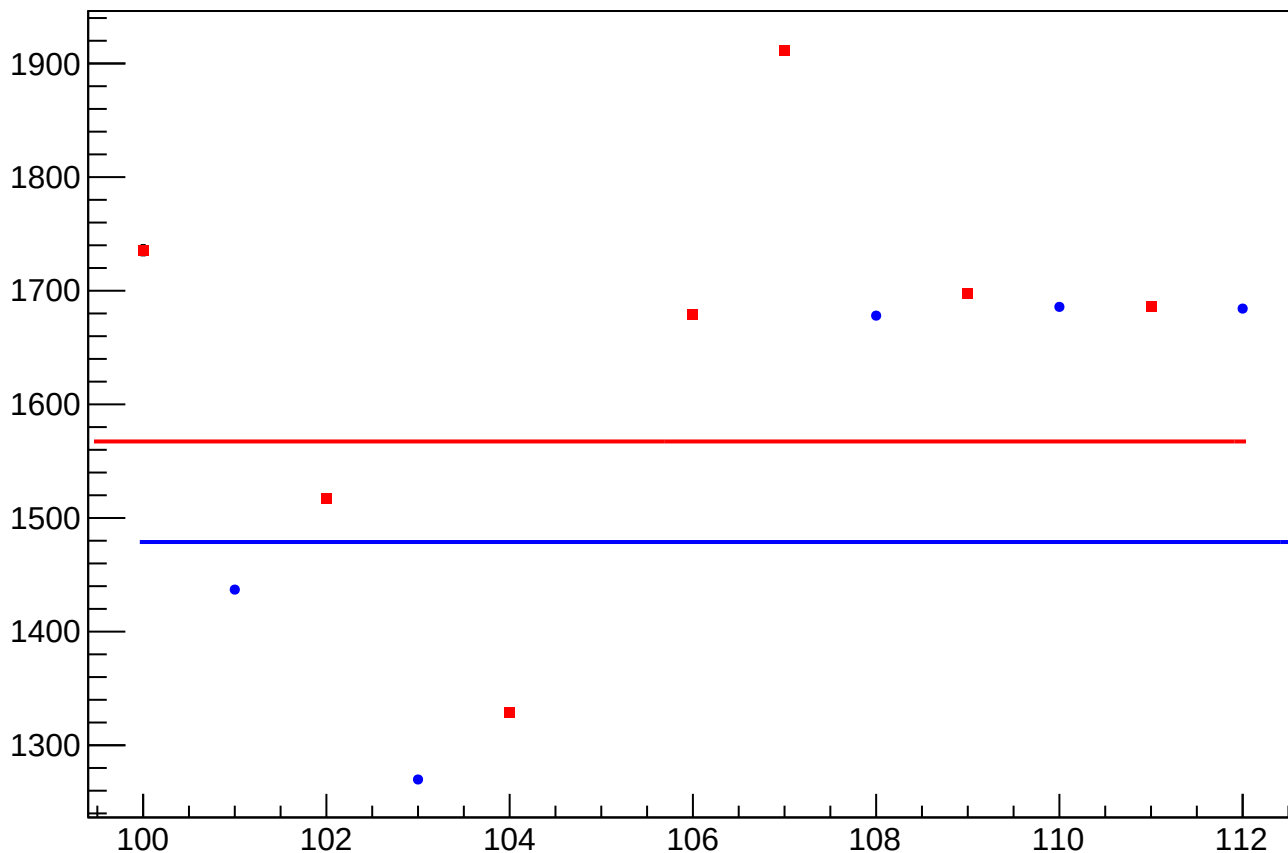
Right: 622.989+/-665.933 χ^2/NDF : 8.9/11

In: 17.078+/-935.616 χ^2/NDF : 4.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 622.989+/-665.933 χ^2/NDF : 8.9/11

reg_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1478.858+/-0.662 χ^2/NDF : 71226.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1567.352+/-0.670 χ^2/NDF : 65388.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

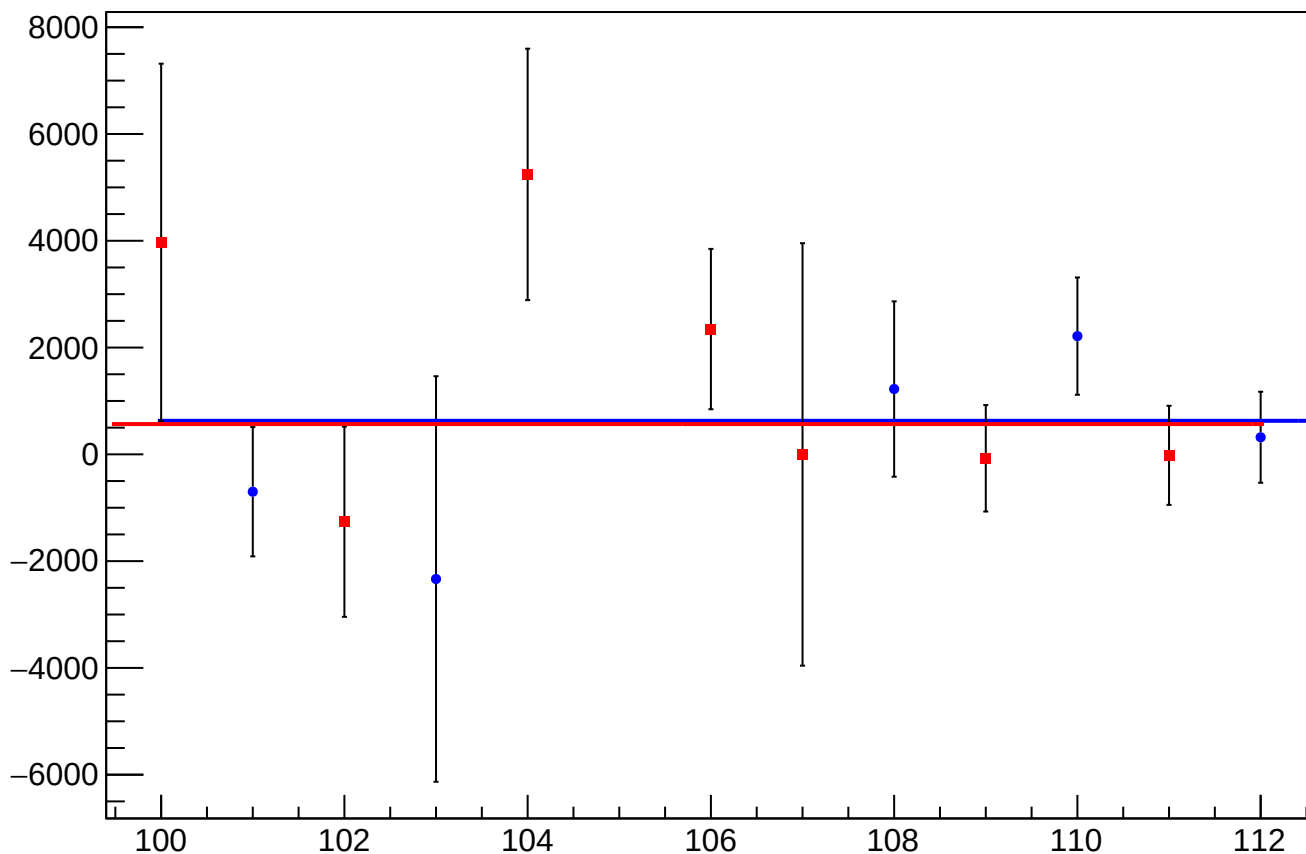
Right: 1522.520+/-0.471 χ^2/NDF : 145443.4/11

In: 1478.858+/-0.662 χ^2/NDF : 71226.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1522.520+/-0.471 χ^2/NDF : 145443.4/11

asym_usl_atl1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 628.186+/-548.359 χ^2/NDF : 4.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 567.010+/-553.896 χ^2/NDF : 8.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

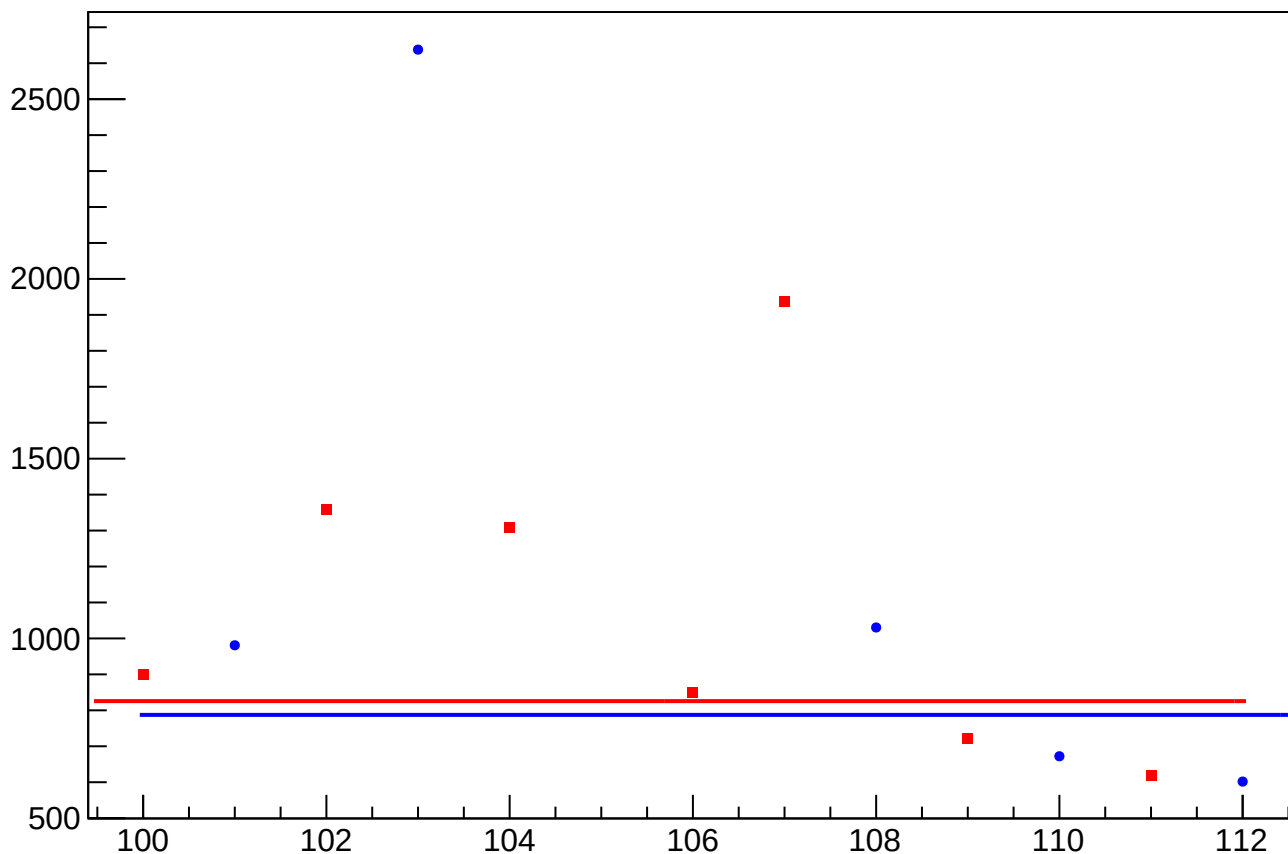
Right: 597.905+/-389.691 χ^2/NDF : 12.4/11

In: 628.186+/-548.359 χ^2/NDF : 4.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 597.905+/-389.691 χ^2/NDF : 12.4/11

asym_usl_atl1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 787.319+/-0.388 χ^2/NDF : 686299.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 825.605+/-0.392 χ^2/NDF : 543277.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

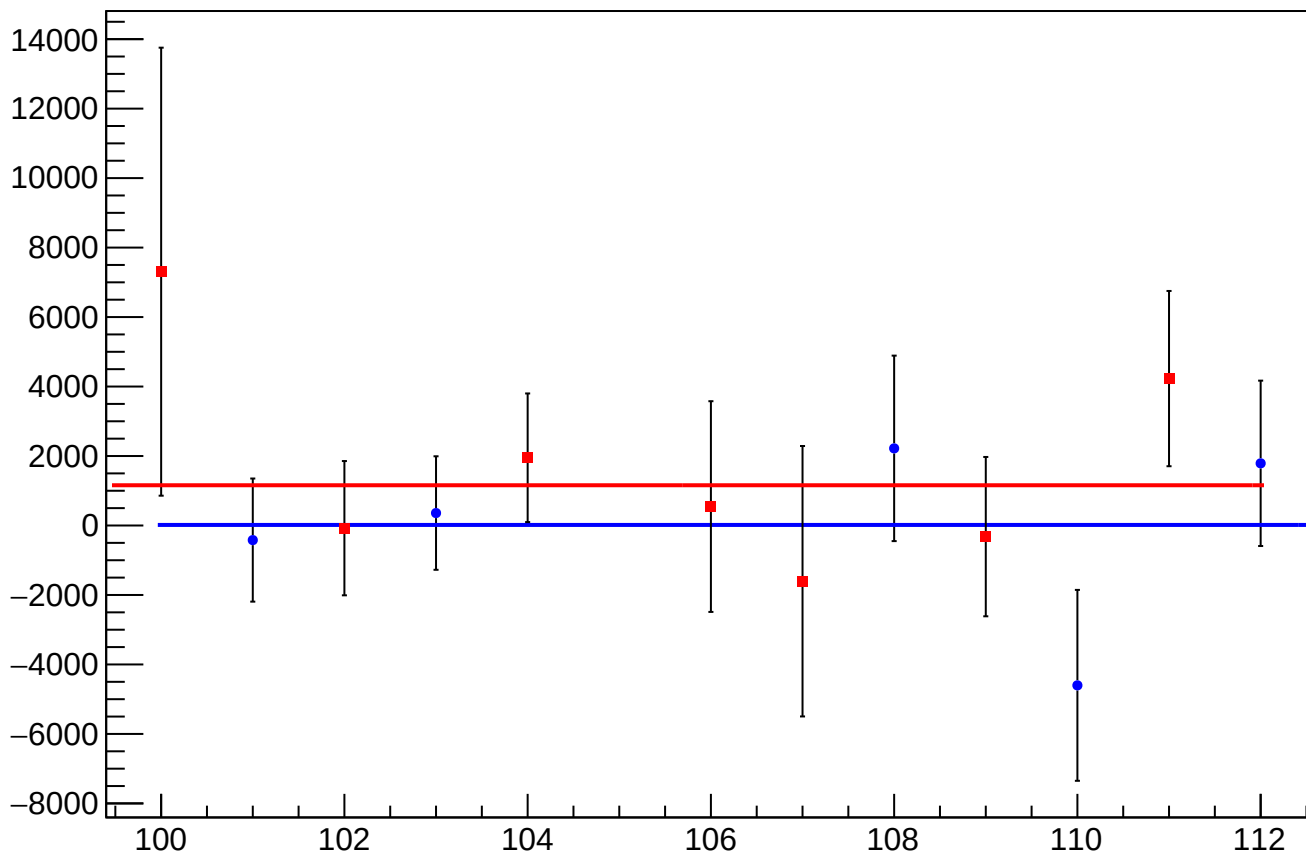
Right: 806.270+/-0.276 χ^2/NDF : 1234402.3/11

In: 787.319+/-0.388 χ^2/NDF : 686299.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 806.270+/-0.276 χ^2/NDF : 1234402.3/11

cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 16.182+/-935.616 χ^2 /NDF: 4.2/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1158.545+/-951.047 χ^2 /NDF: 3.9/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

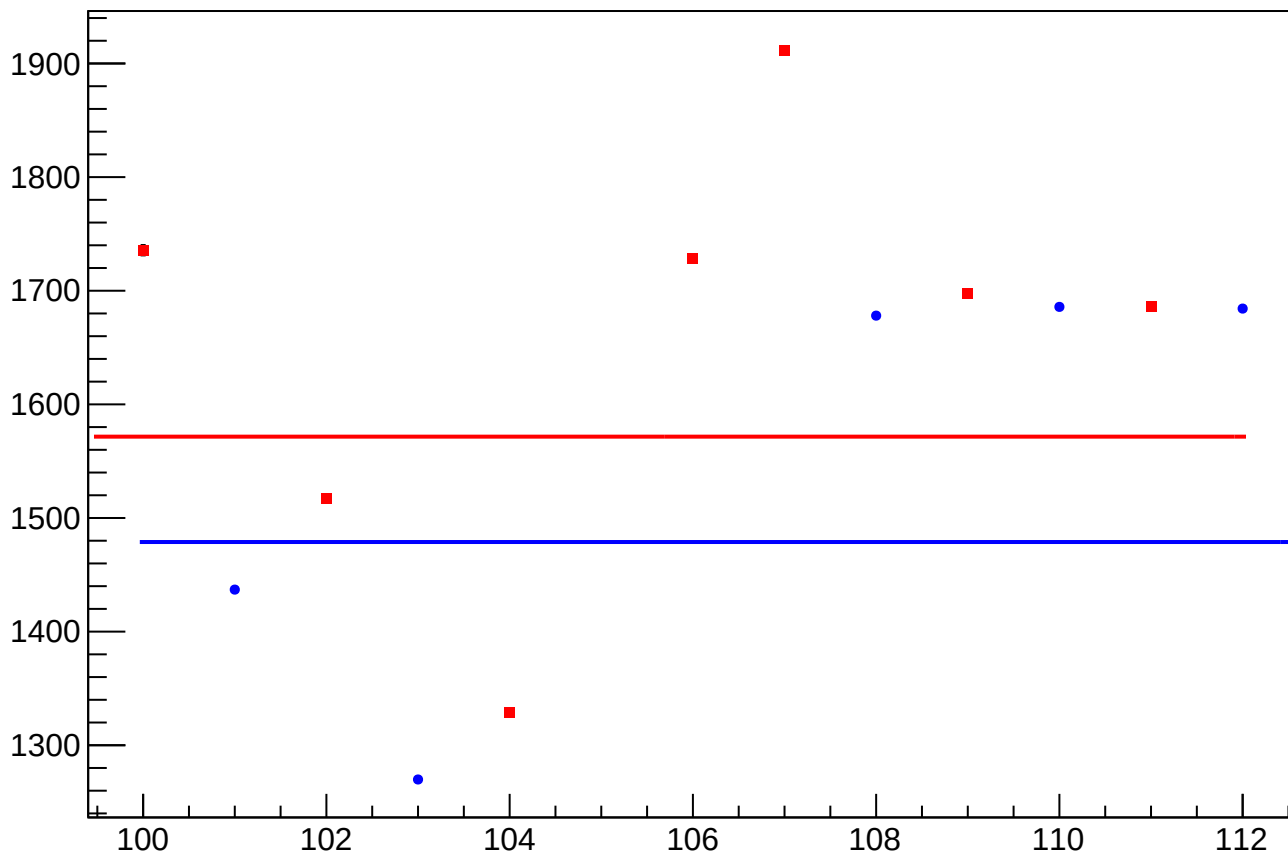
Right: 578.021+/-666.969 χ^2 /NDF: 8.8/11

In: 16.182+/-935.616 χ^2 /NDF:4.2/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 578.021+/-666.969 χ^2 /NDF: 8.8/11

cor_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1478.858+/-0.662 χ^2/NDF : 71226.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1571.590+/-0.672 χ^2/NDF : 68119.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

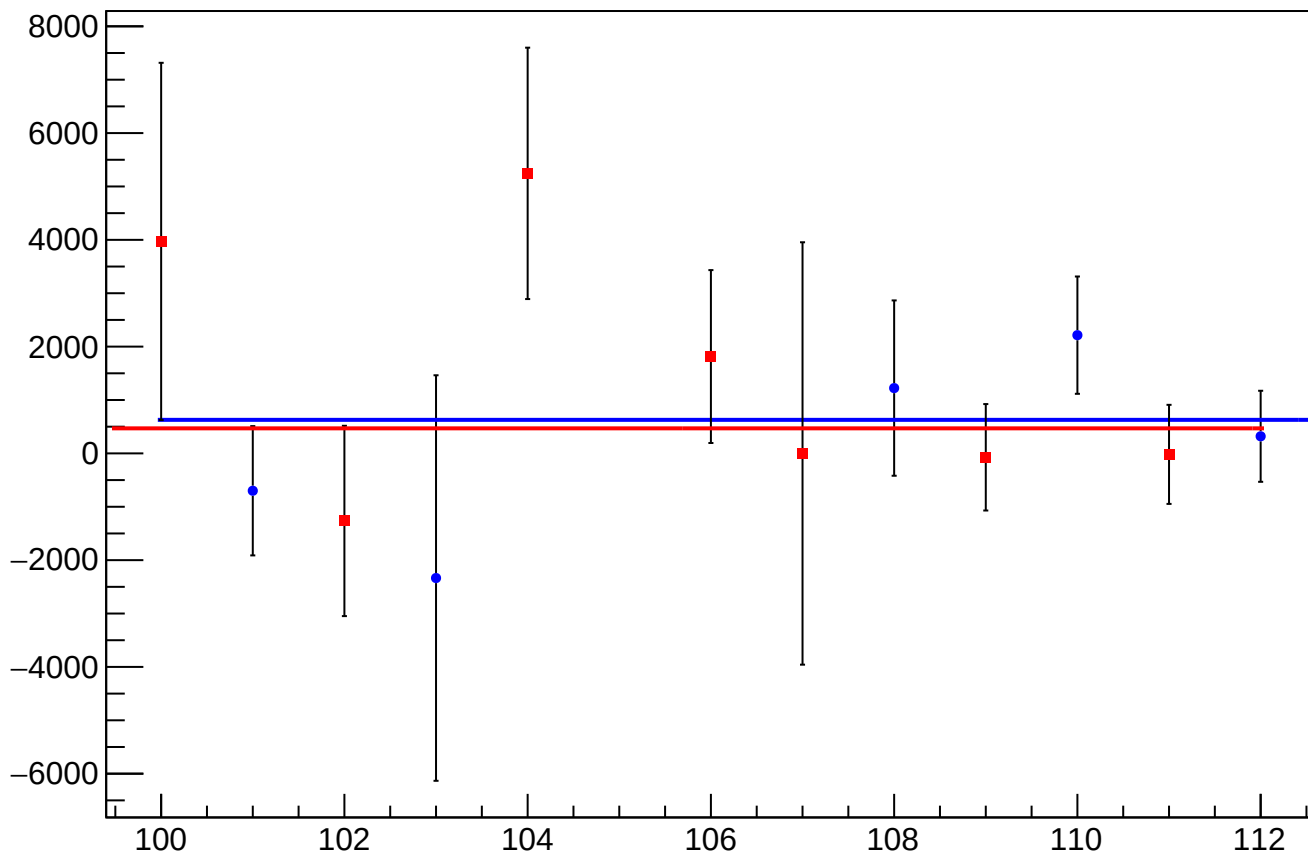
Right: 1524.466+/-0.472 χ^2/NDF : 149008.9/11

In: 1478.858+/-0.662 χ^2/NDF : 71226.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1524.466+/-0.472 χ^2/NDF : 149008.9/11

asym_usl_atl1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 628.175+/-548.351 χ^2/NDF : 4.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 468.850+/-559.277 χ^2/NDF : 7.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

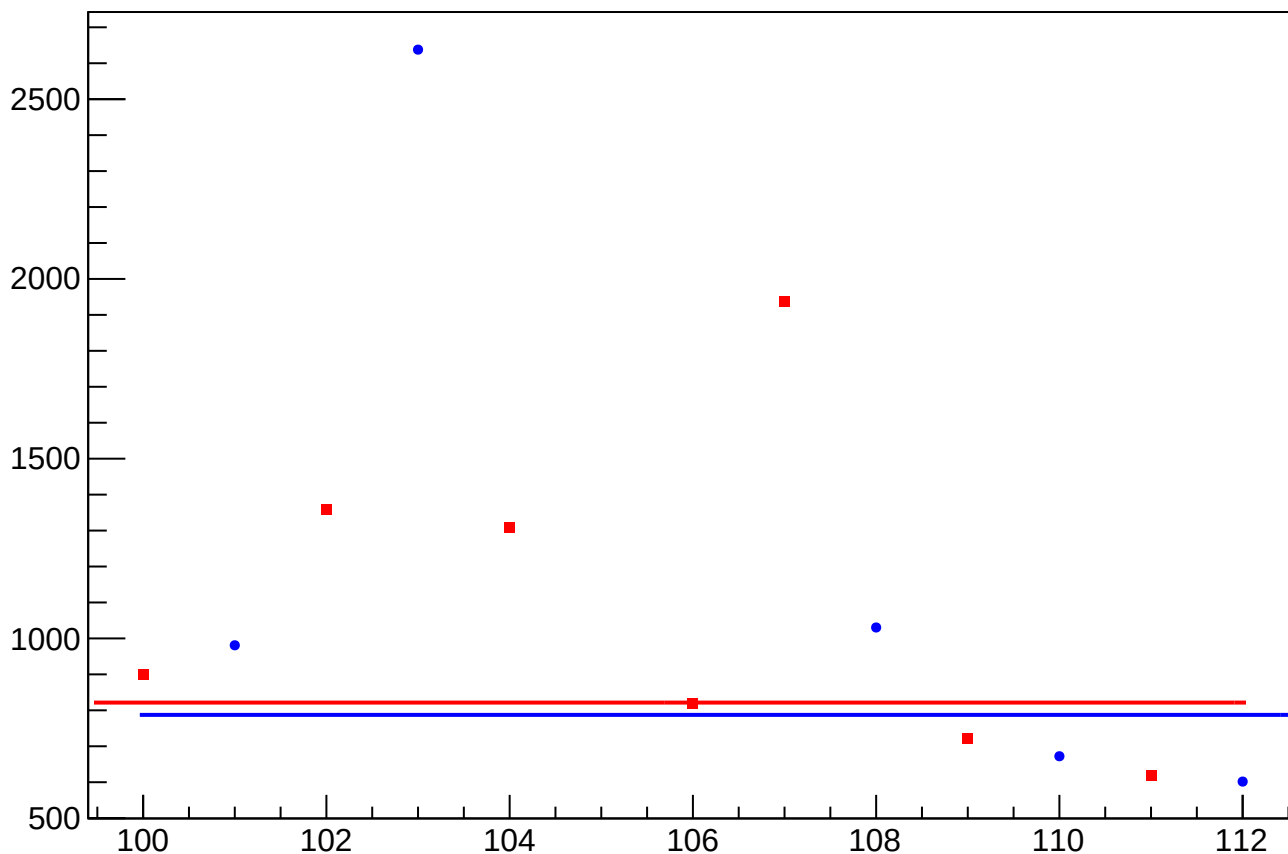
Right: 550.084+/-391.548 χ^2/NDF : 11.6/11

In: 628.175+/-548.351 χ^2/NDF : 4.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 550.084+/-391.548 χ^2/NDF : 11.6/11

asym_usl_atl1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 787.303+/-0.388 χ^2/NDF : 686313.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 821.530+/-0.395 χ^2/NDF : 542823.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

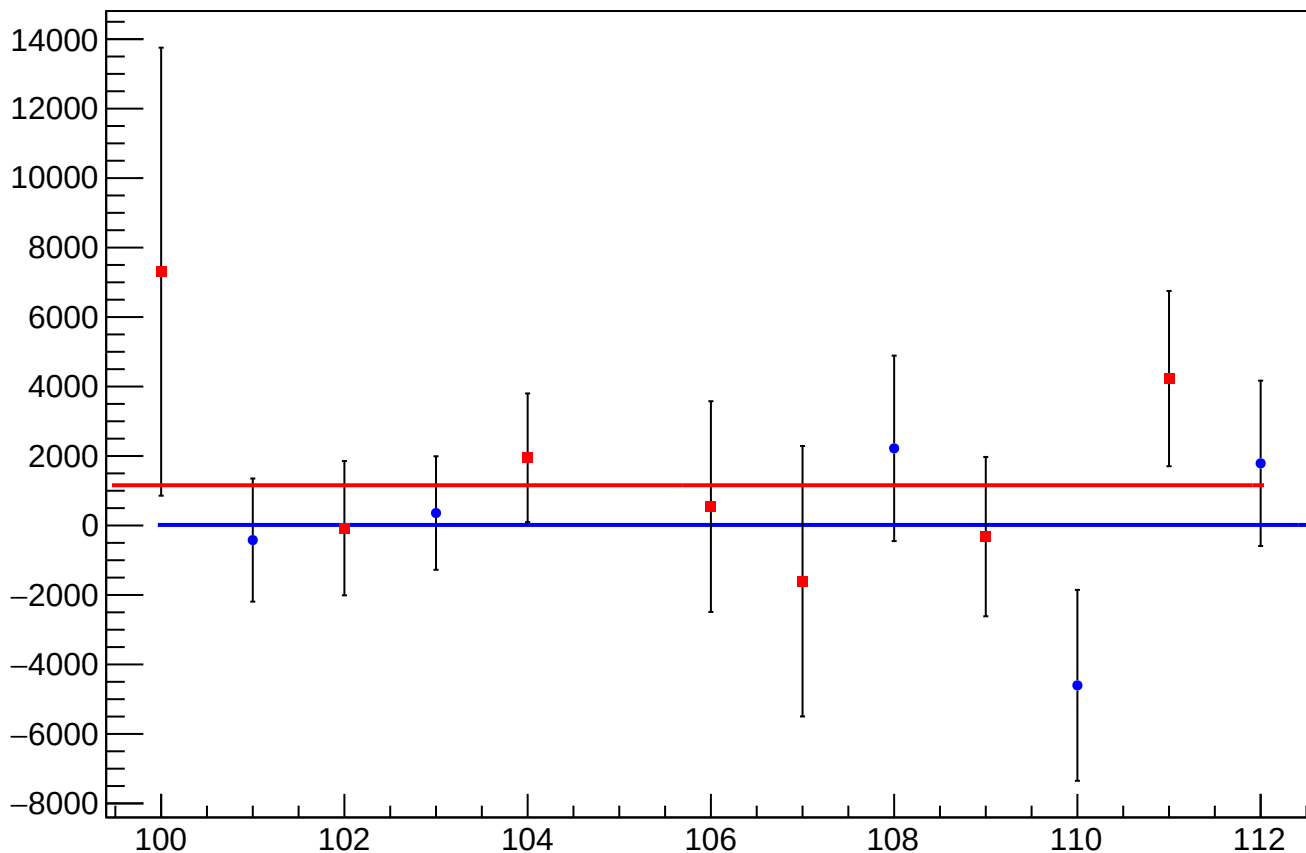
Right: 804.079+/-0.277 χ^2/NDF : 1232955.6/11

In: 787.303+/-0.388 χ^2/NDF : 686313.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 804.079+/-0.277 χ^2/NDF : 1232955.6/11

eigen_cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 16.182+/-935.616 χ^2 /NDF: 4.2/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1158.545+/-951.047 χ^2 /NDF: 3.9/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

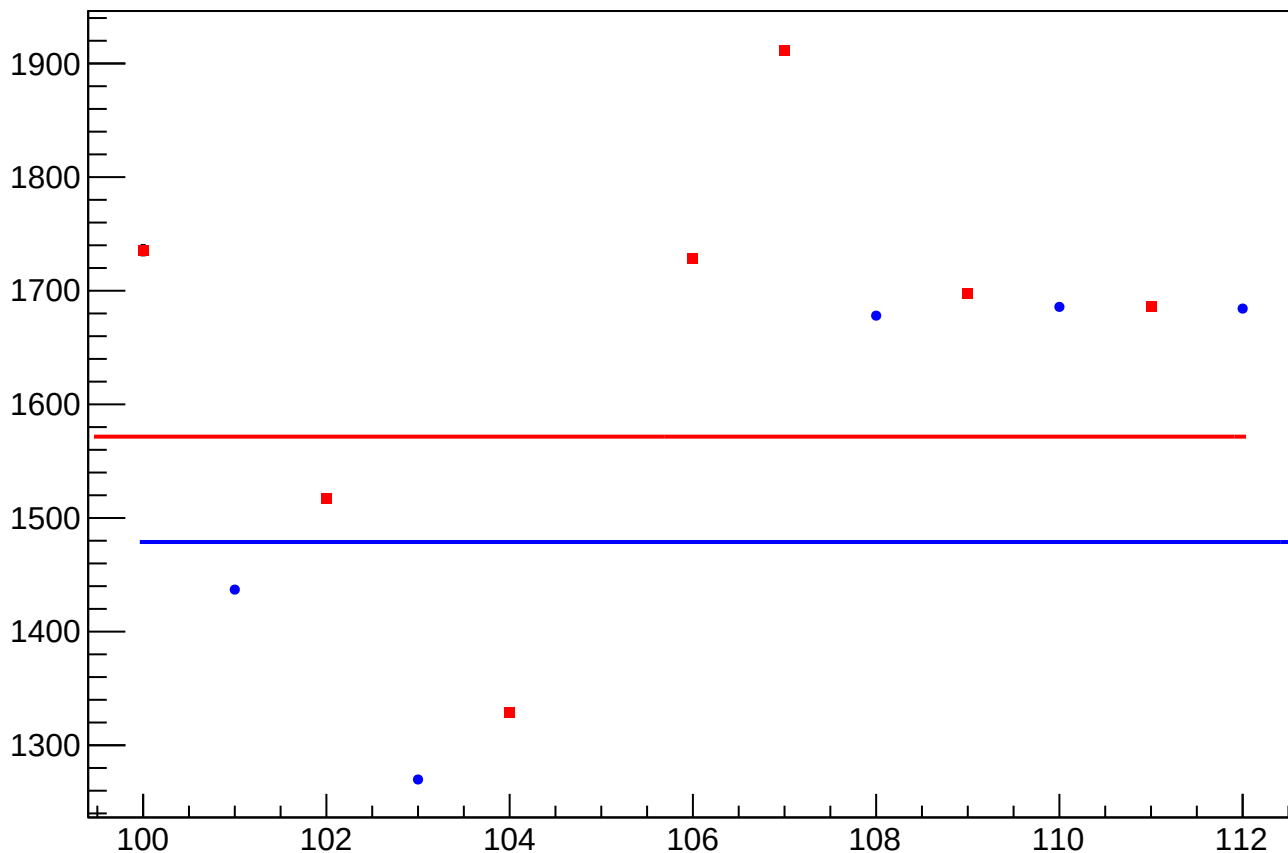
Right: 578.021+/-666.969 χ^2 /NDF: 8.8/11

In: 16.182+/-935.616 χ^2 /NDF:4.2/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 578.021+/-666.969 χ^2 /NDF: 8.8/11

eigen_cor_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1478.858 $\pm$ 0.662 χ^2 /NDF: 71226.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1571.590 $\pm$ 0.672 χ^2 /NDF: 68119.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

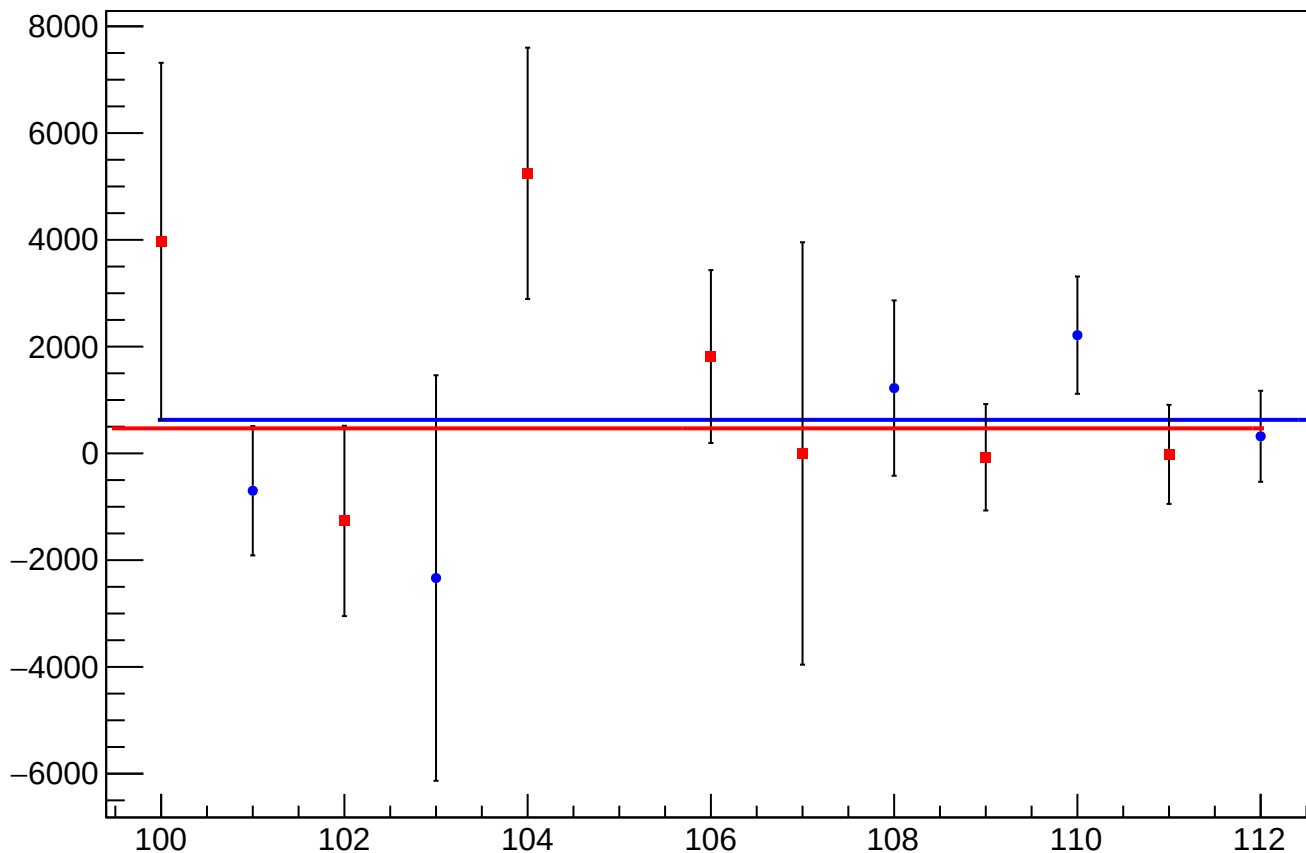
Right: 1524.466 $\pm$ 0.472 χ^2 /NDF: 149008.9/11

In: 1478.858 $\pm$ 0.662 χ^2 /NDF:71226.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1524.466 $\pm$ 0.472 χ^2 /NDF: 149008.9/11

asym_usl_atl1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 628.175+/-548.351 χ^2/NDF : 4.2/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 468.850+/-559.277 χ^2/NDF : 7.4/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

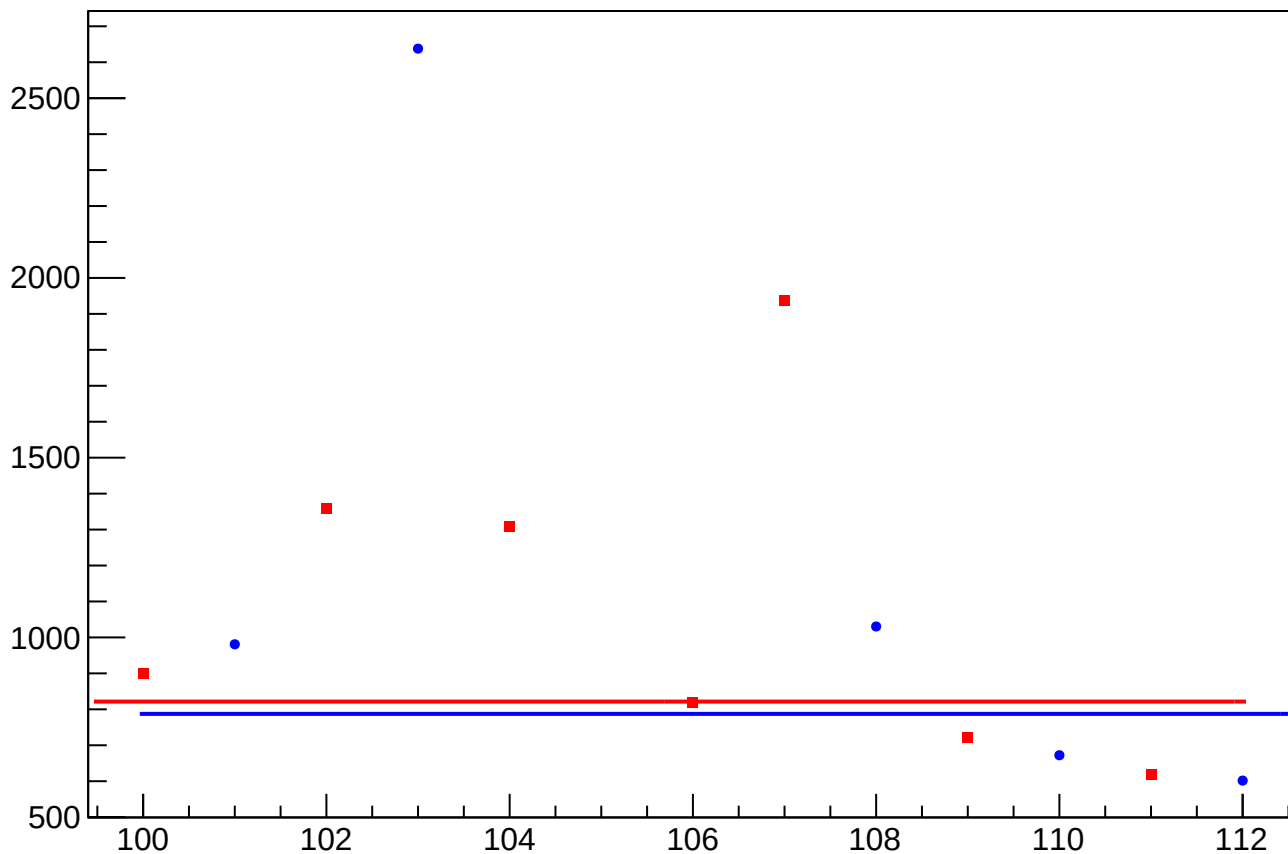
Right: 550.084+/-391.548 χ^2/NDF : 11.6/11

In: 628.175+/-548.351 χ^2/NDF :4.2/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 550.084+/-391.548 χ^2/NDF : 11.6/11

asym_usl_atl1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 787.303+/-0.388 χ^2/NDF : 686313.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 821.530+/-0.395 χ^2/NDF : 542823.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

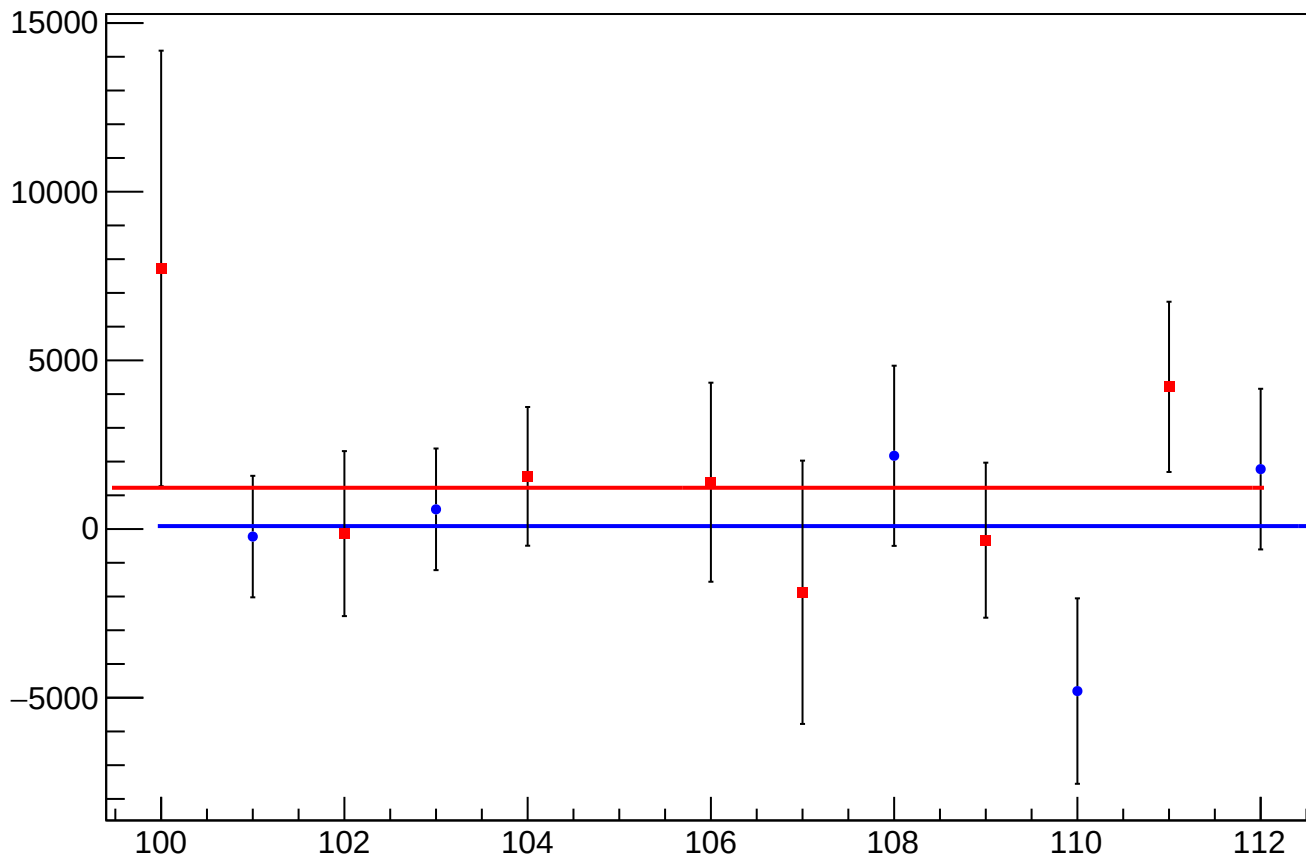
Right: 804.079+/-0.277 χ^2/NDF : 1232955.6/11

In: 787.303+/-0.388 χ^2/NDF : 686313.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 804.079+/-0.277 χ^2/NDF : 1232955.6/11

dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 87.833+/-969.047 χ^2/NDF : 4.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1223.704+/-1023.468 χ^2/NDF : 3.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

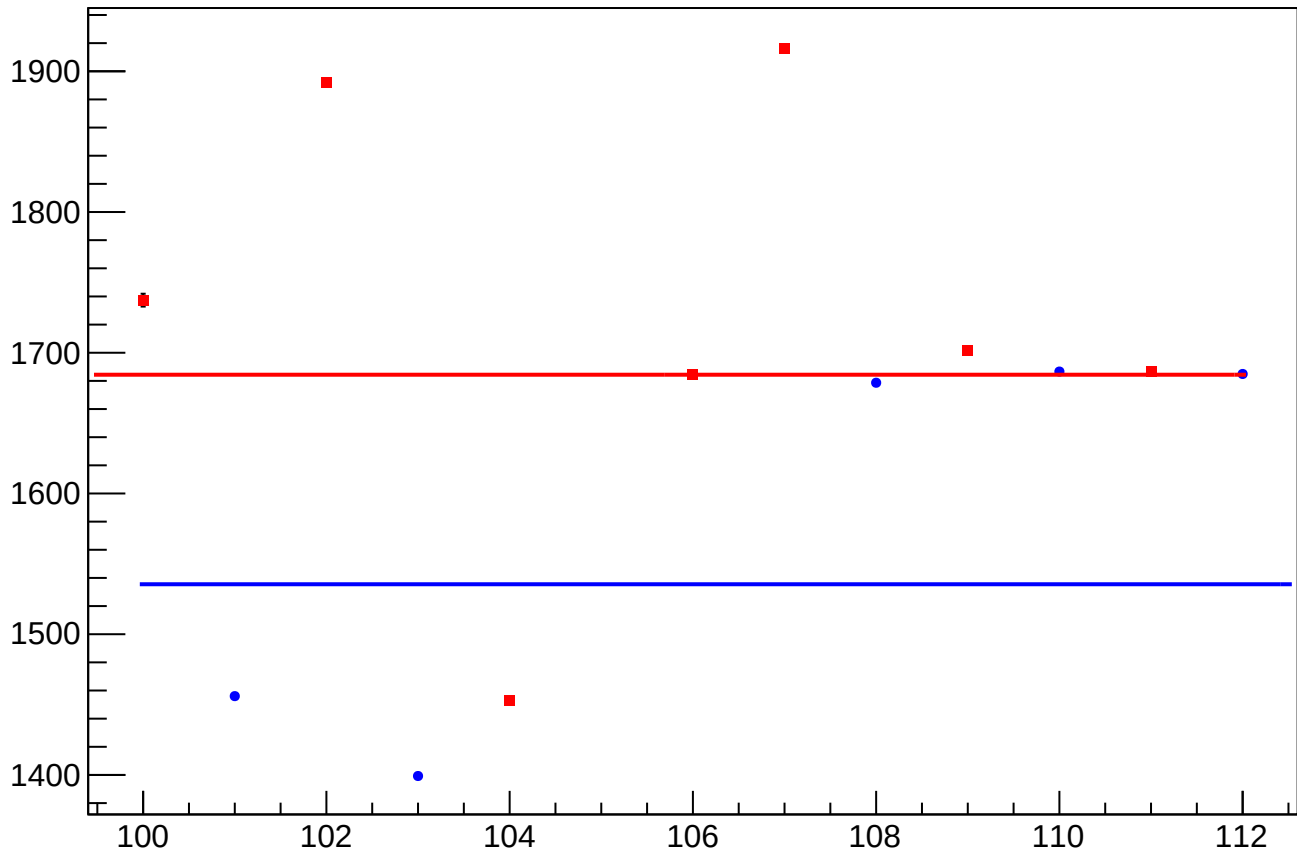
Right: 624.768+/-703.672 χ^2/NDF : 8.9/11

In: 87.833+/-969.047 χ^2/NDF : 4.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 624.768+/-703.672 χ^2/NDF : 8.9/11

dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1535.506 $\pm$ 0.685 χ^2 /NDF: 34992.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1684.389 $\pm$ 0.724 χ^2 /NDF: 47062.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

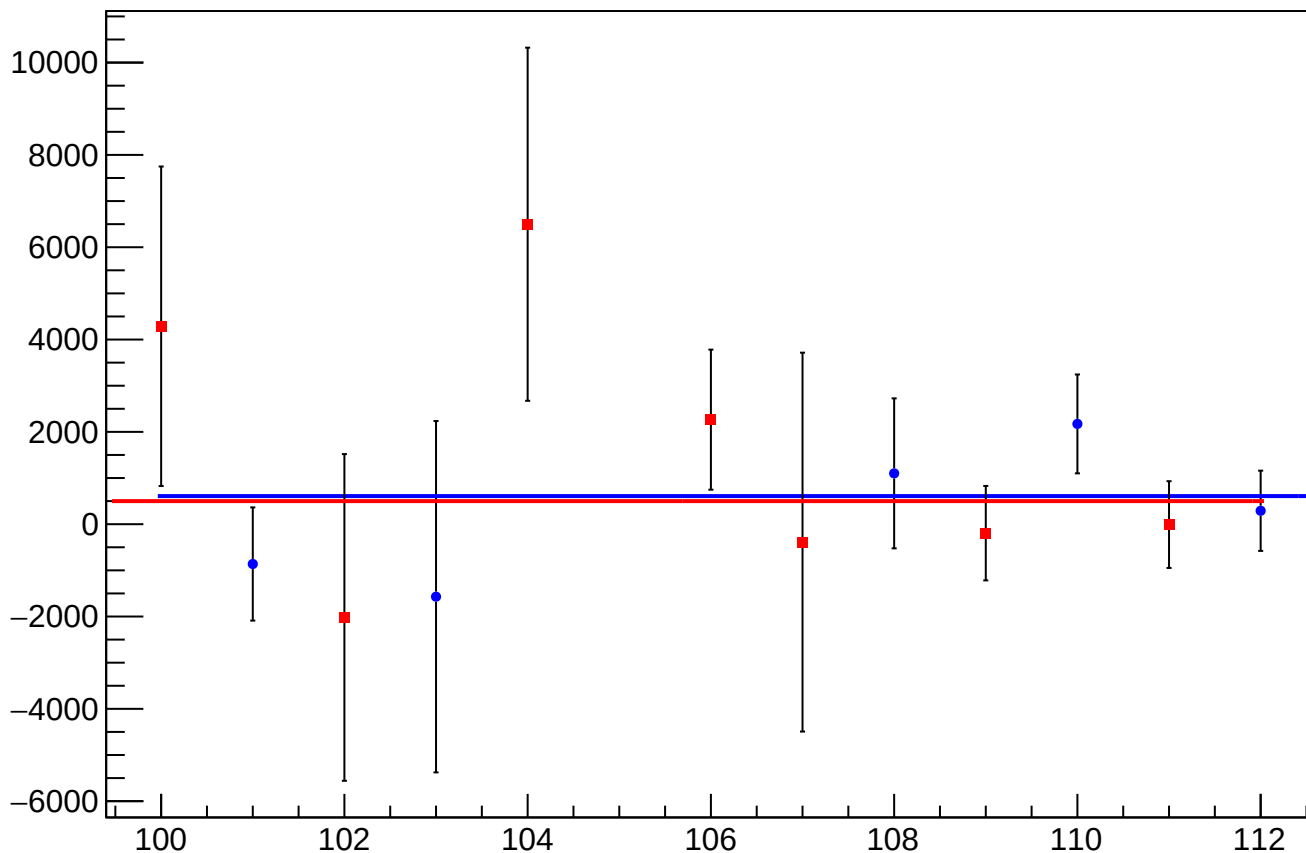
Right: 1605.884 $\pm$ 0.498 χ^2 /NDF: 104371.2/11

In: 1535.506 $\pm$ 0.685 χ^2 /NDF:34992.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1605.884 $\pm$ 0.498 χ^2 /NDF: 104371.2/11

asym_usl_atl1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 608.771+/-549.756 χ^2/NDF : 4.1/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 499.972+/-596.217 χ^2/NDF : 6.3/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

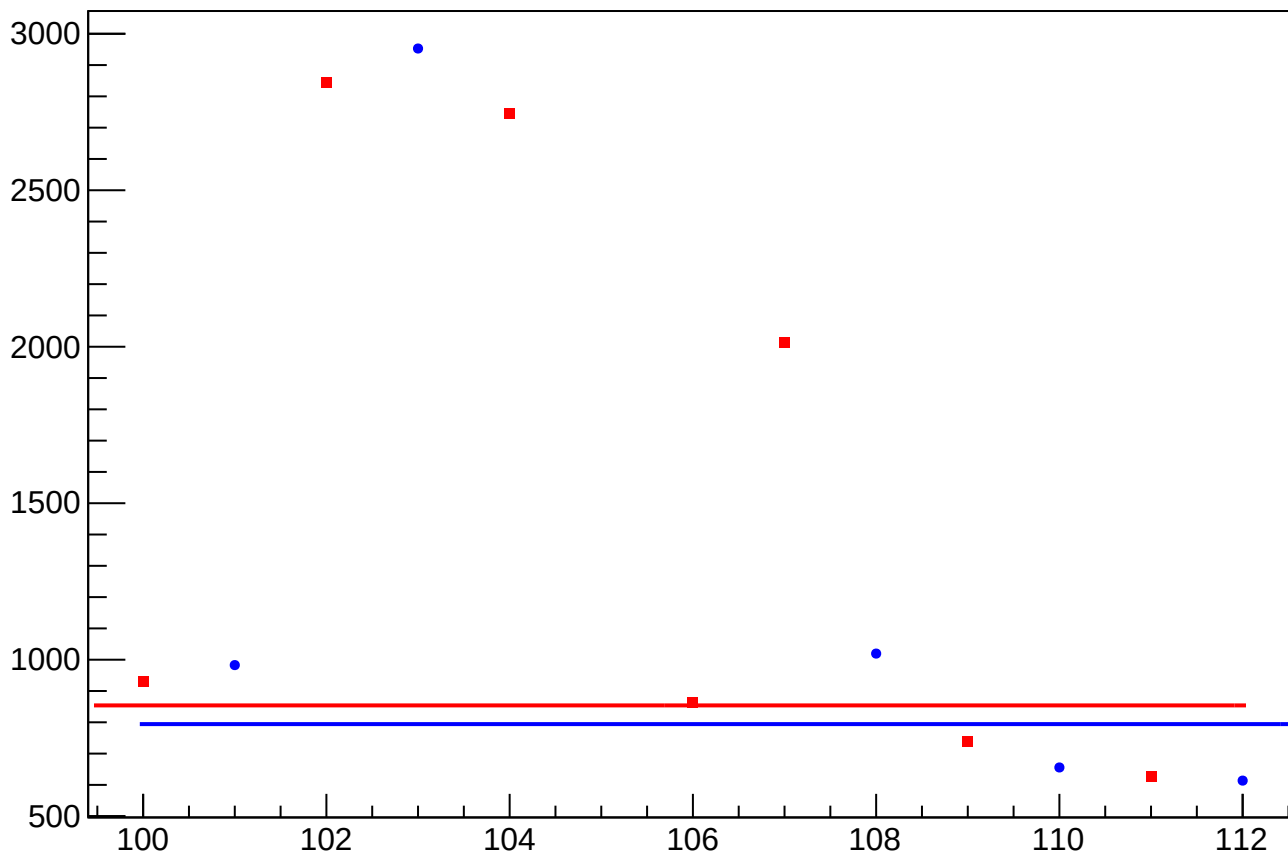
Right: 558.775+/-404.165 χ^2/NDF : 10.5/11

In: 608.771+/-549.756 χ^2/NDF :4.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 558.775+/-404.165 χ^2/NDF : 10.5/11

asym_usl_atl1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 794.224+/-0.389 χ^2/NDF : 849003.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 853.986+/-0.422 χ^2/NDF : 1423415.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

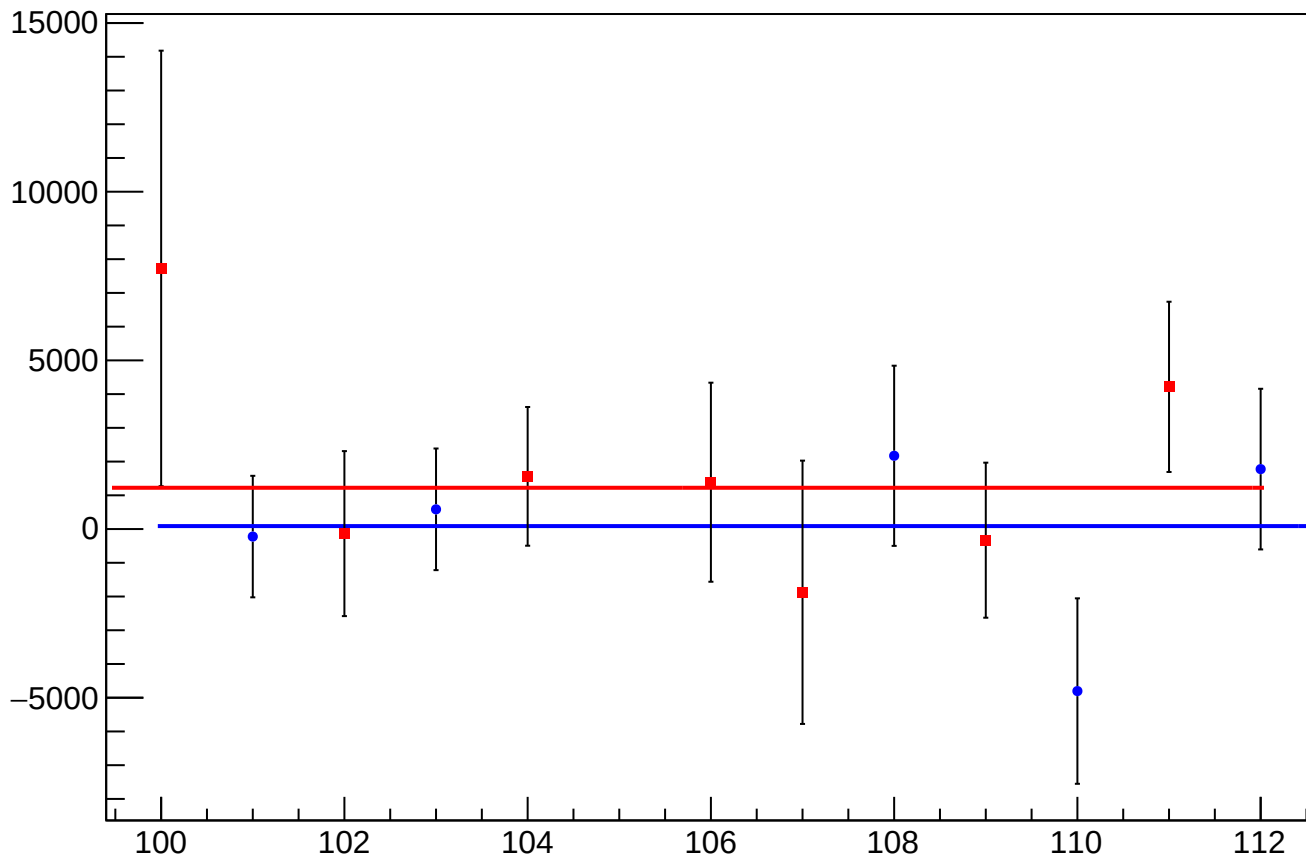
Right: 821.686+/-0.286 χ^2/NDF : 2283280.1/11

In: 794.224+/-0.389 χ^2/NDF : 849003.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 821.686+/-0.286 χ^2/NDF : 2283280.1/11

eigen_dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 87.836+/-969.046 χ^2/NDF : 4.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1223.705+/-1023.467 χ^2/NDF : 3.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

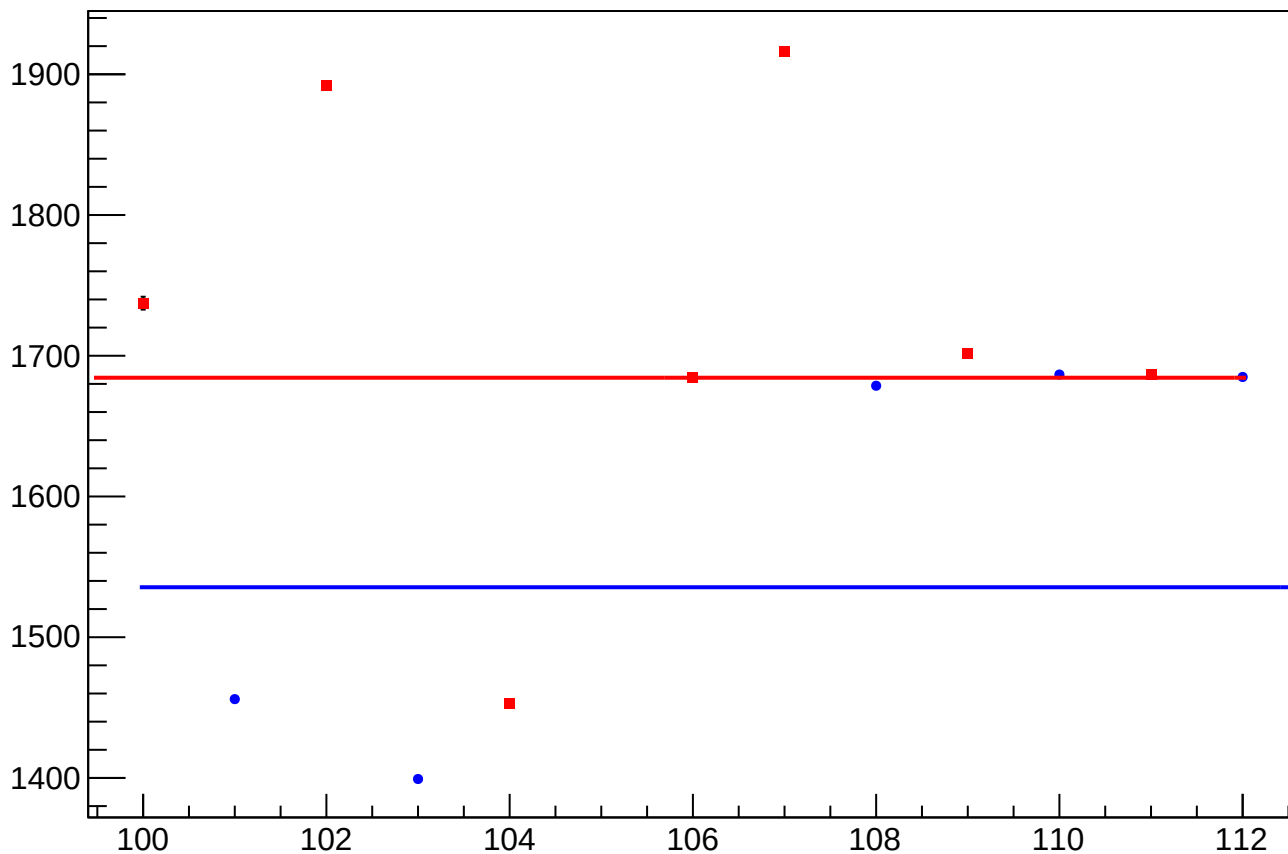
Right: 624.770+/-703.672 χ^2/NDF : 8.9/11

In: 87.836+/-969.046 χ^2/NDF : 4.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 624.770+/-703.672 χ^2/NDF : 8.9/11

eigen_dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1535.505+/-0.685 χ^2/NDF : 34993.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1684.388+/-0.724 χ^2/NDF : 47062.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

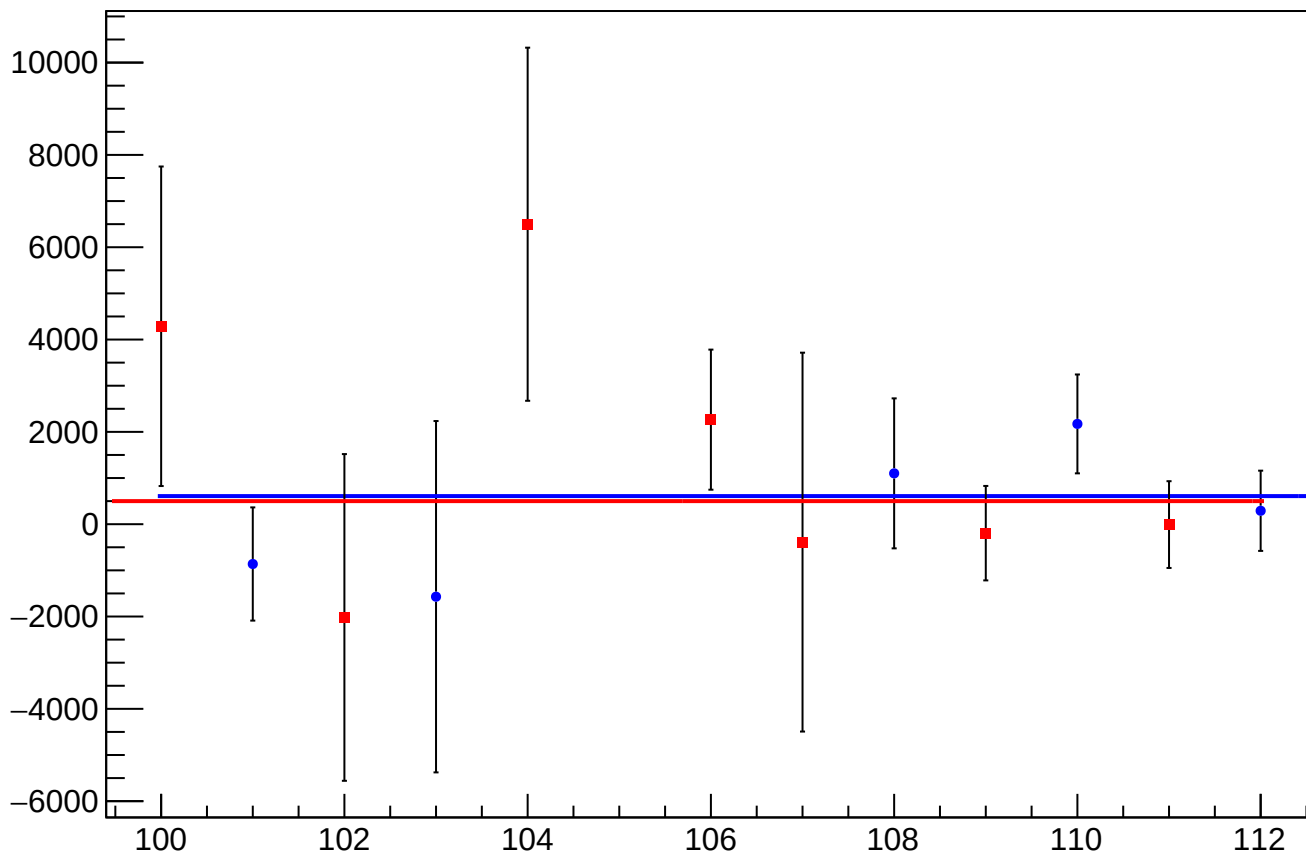
Right: 1605.883+/-0.498 χ^2/NDF : 104371.9/11

In: 1535.505+/-0.685 χ^2/NDF : 34993.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1605.883+/-0.498 χ^2/NDF : 104371.9/11

asym_usl_atl1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 608.771+/-549.756 χ^2/NDF : 4.1/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 499.971+/-596.216 χ^2/NDF : 6.3/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

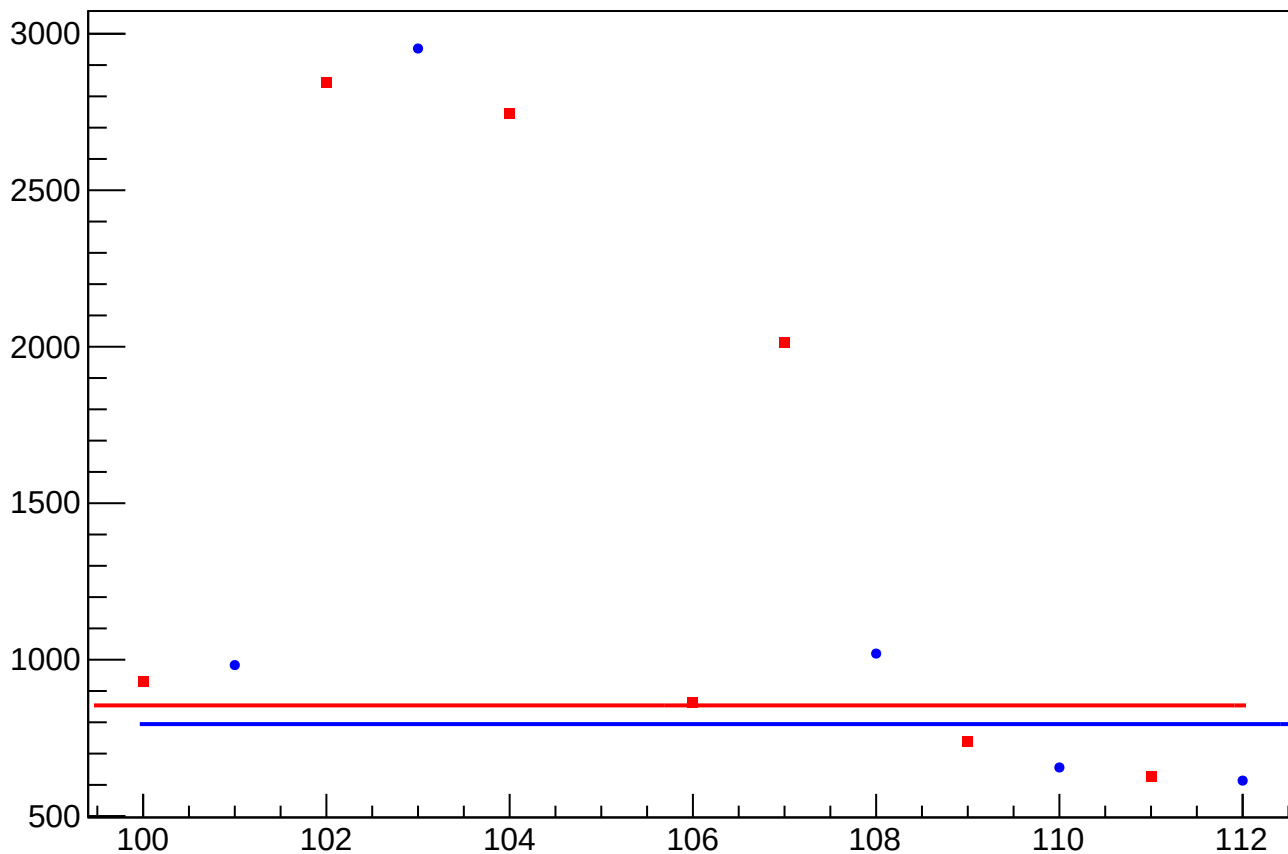
Right: 558.775+/-404.164 χ^2/NDF : 10.5/11

In: 608.771+/-549.756 χ^2/NDF :4.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 558.775+/-404.164 χ^2/NDF : 10.5/11

asym_usl_atl1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 794.224+/-0.389 χ^2/NDF : 849002.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 853.985+/-0.422 χ^2/NDF : 1423418.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

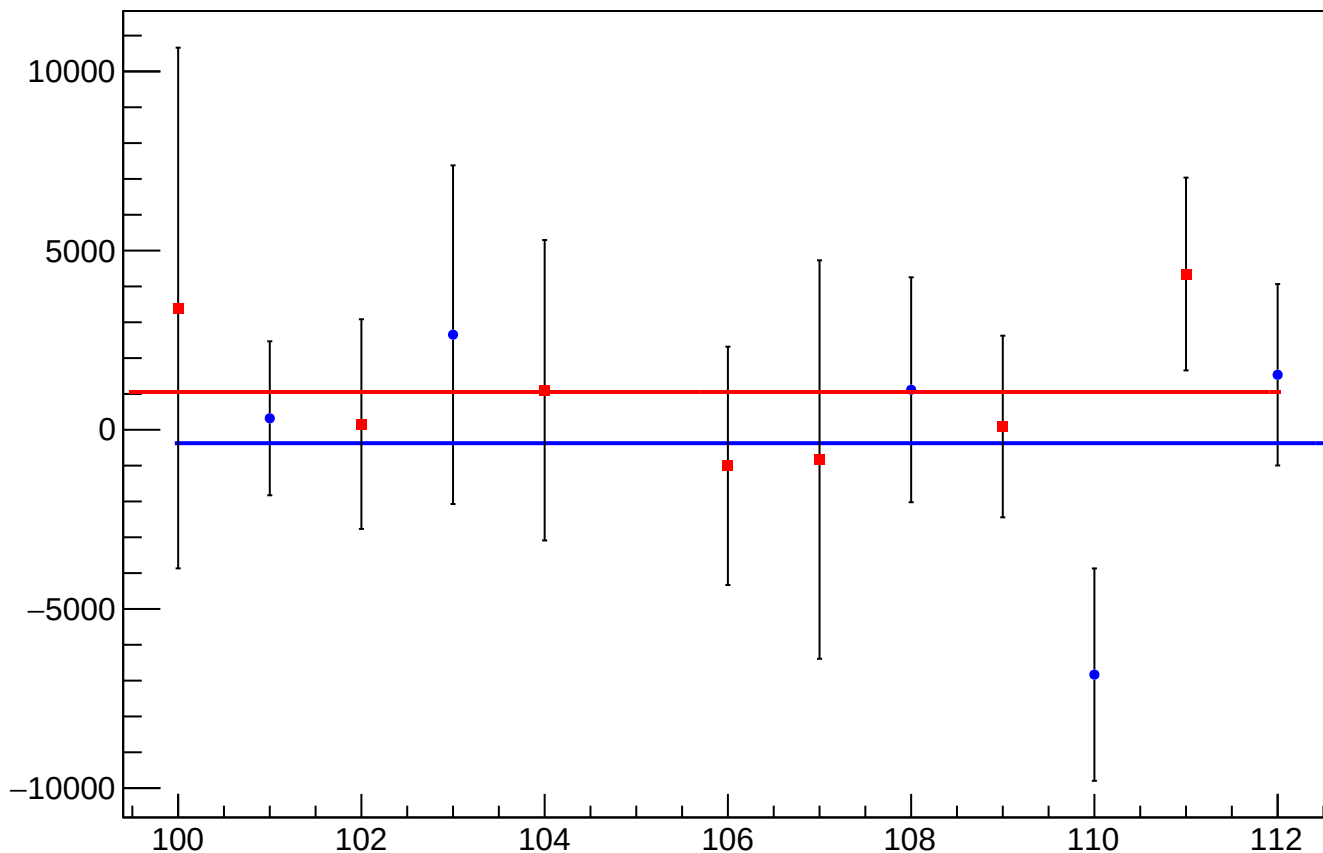
Right: 821.685+/-0.286 χ^2/NDF : 2283280.7/11

In: 794.224+/-0.389 χ^2/NDF : 849002.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 821.685+/-0.286 χ^2/NDF : 2283280.7/11

asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -374.300+/-1257.050 χ^2/NDF : 6.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1054.861+/-1280.989 χ^2/NDF : 2.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

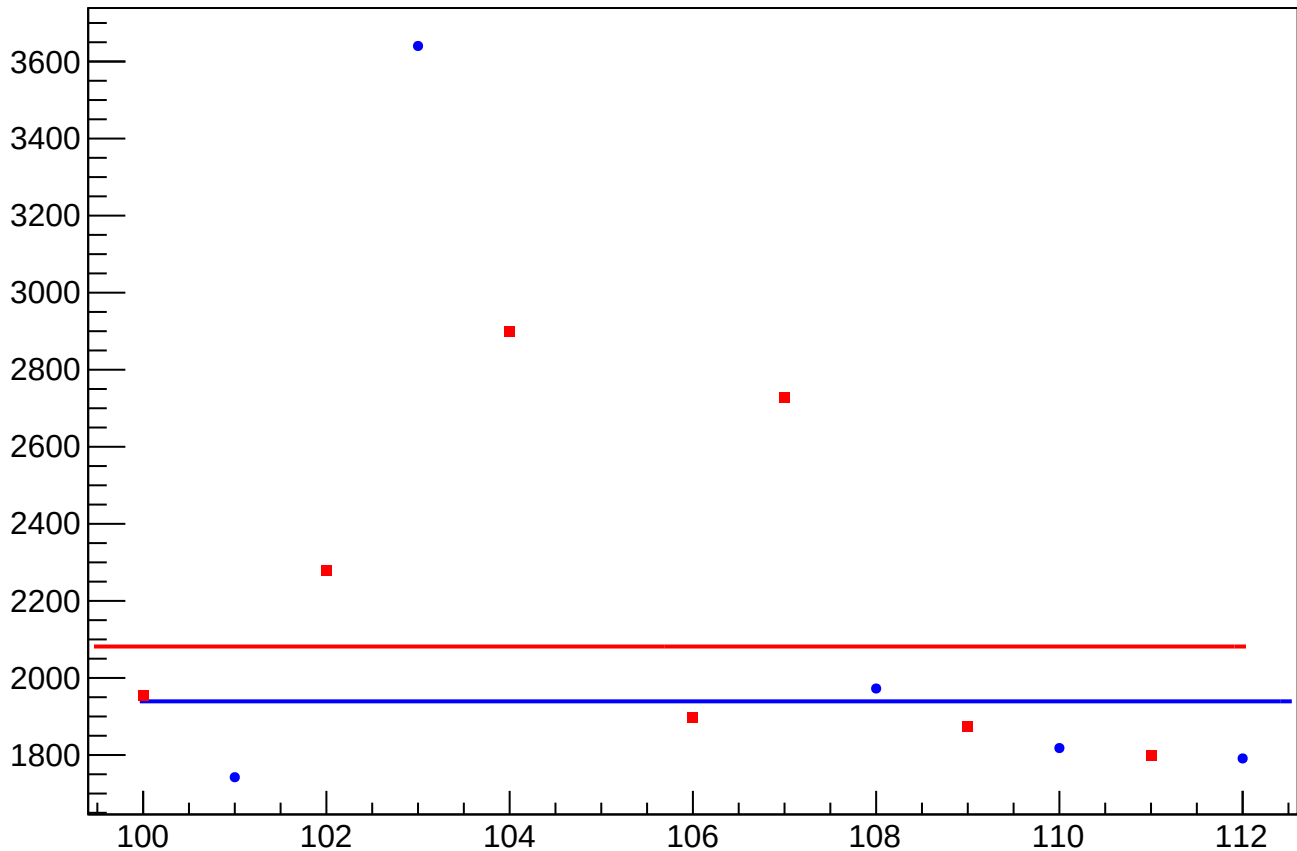
Right: 326.802+/-897.213 χ^2/NDF : 9.0/11

In: -374.300+/-1257.050 χ^2/NDF : 6.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 326.802+/-897.213 χ^2/NDF : 9.0/11

asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1939.298+/-0.889 χ^2/NDF : 286474.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2081.589+/-0.906 χ^2/NDF : 154582.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

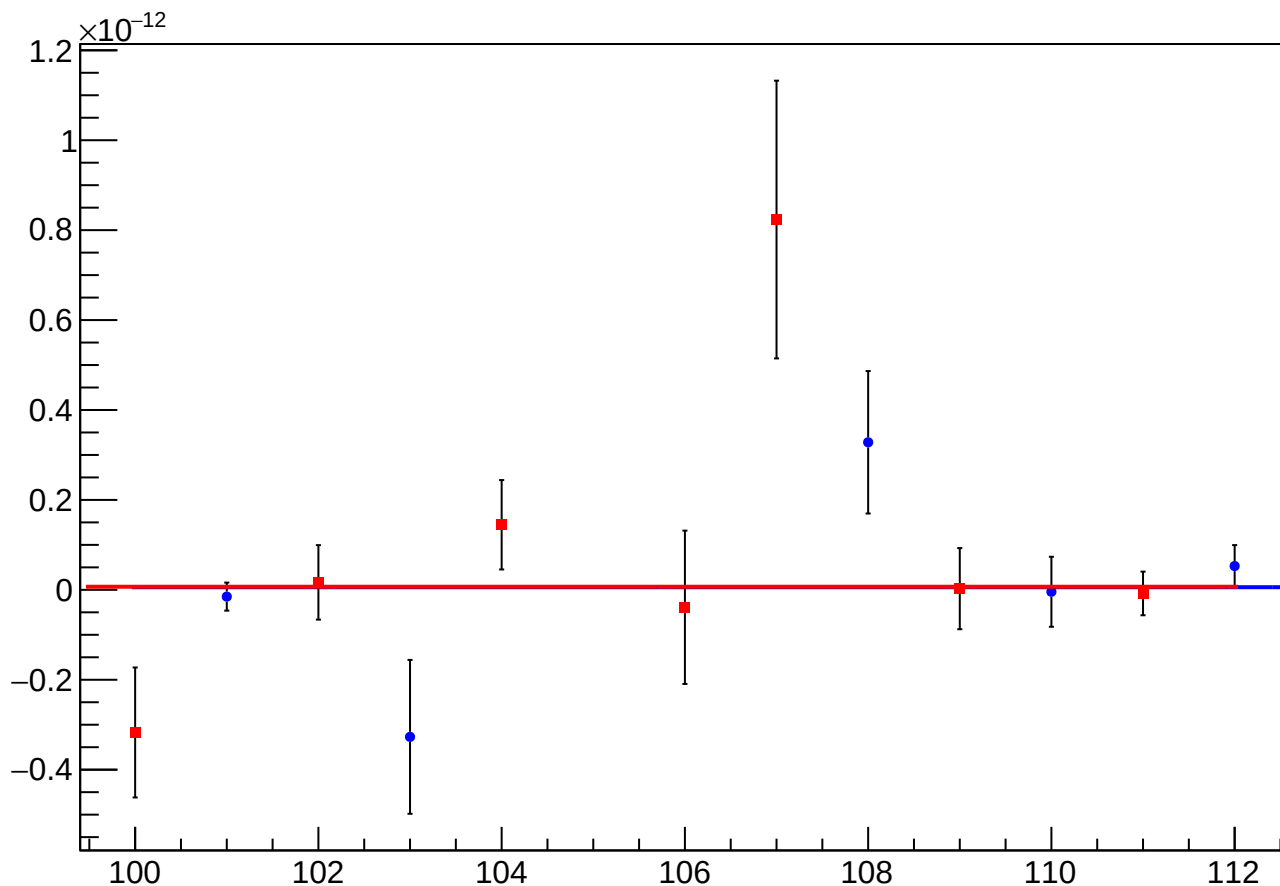
Right: 2009.102+/-0.634 χ^2/NDF : 453628.8/11

In: 1939.298+/-0.889 χ^2/NDF : 286474.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2009.102+/-0.634 χ^2/NDF : 453628.8/11

asym_usl_atl1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

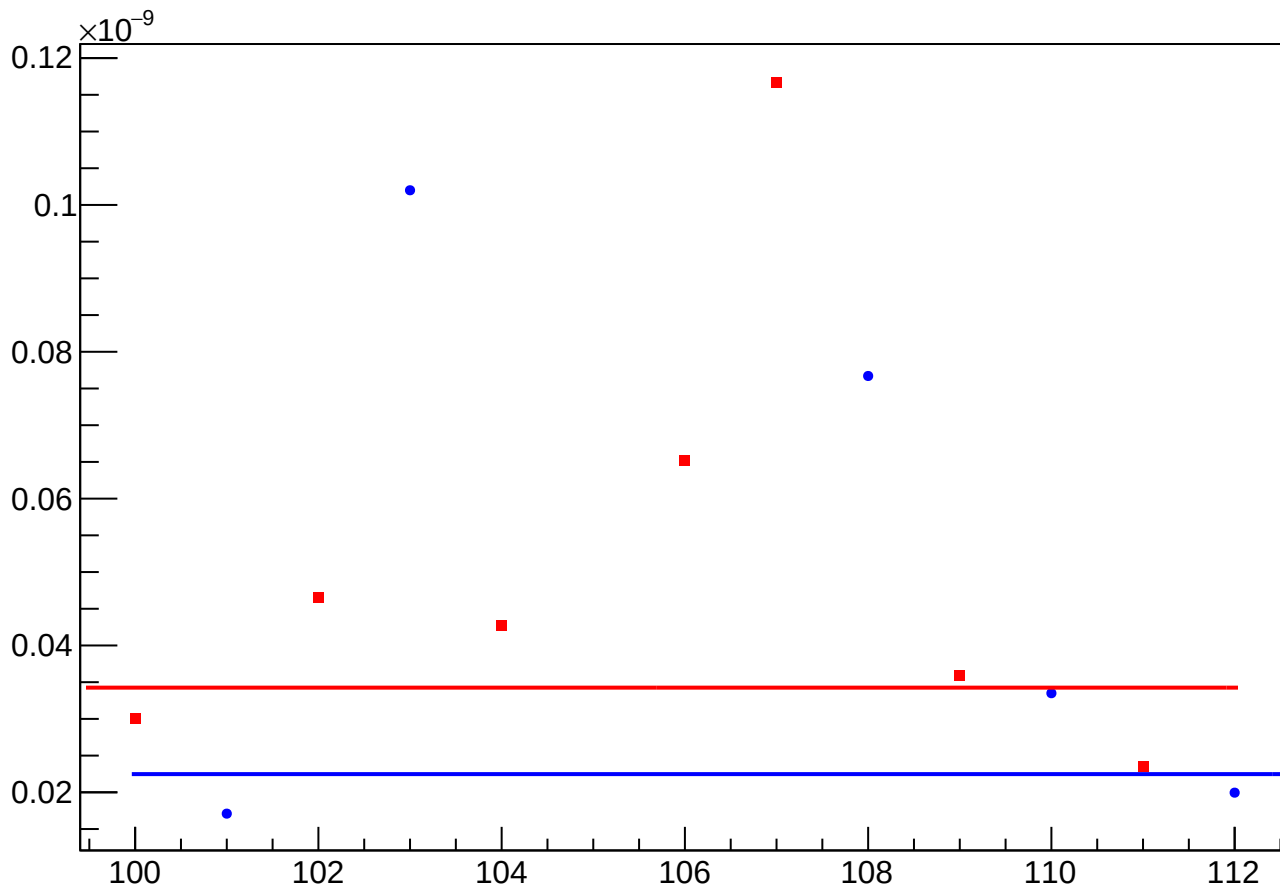
Right: 0.000+/-0.000 χ^2/NDF : 23.5/11

In: 0.000+/-0.000 χ^2/NDF : 9.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.5/11

asym_usl_atl1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 771796.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 367497.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

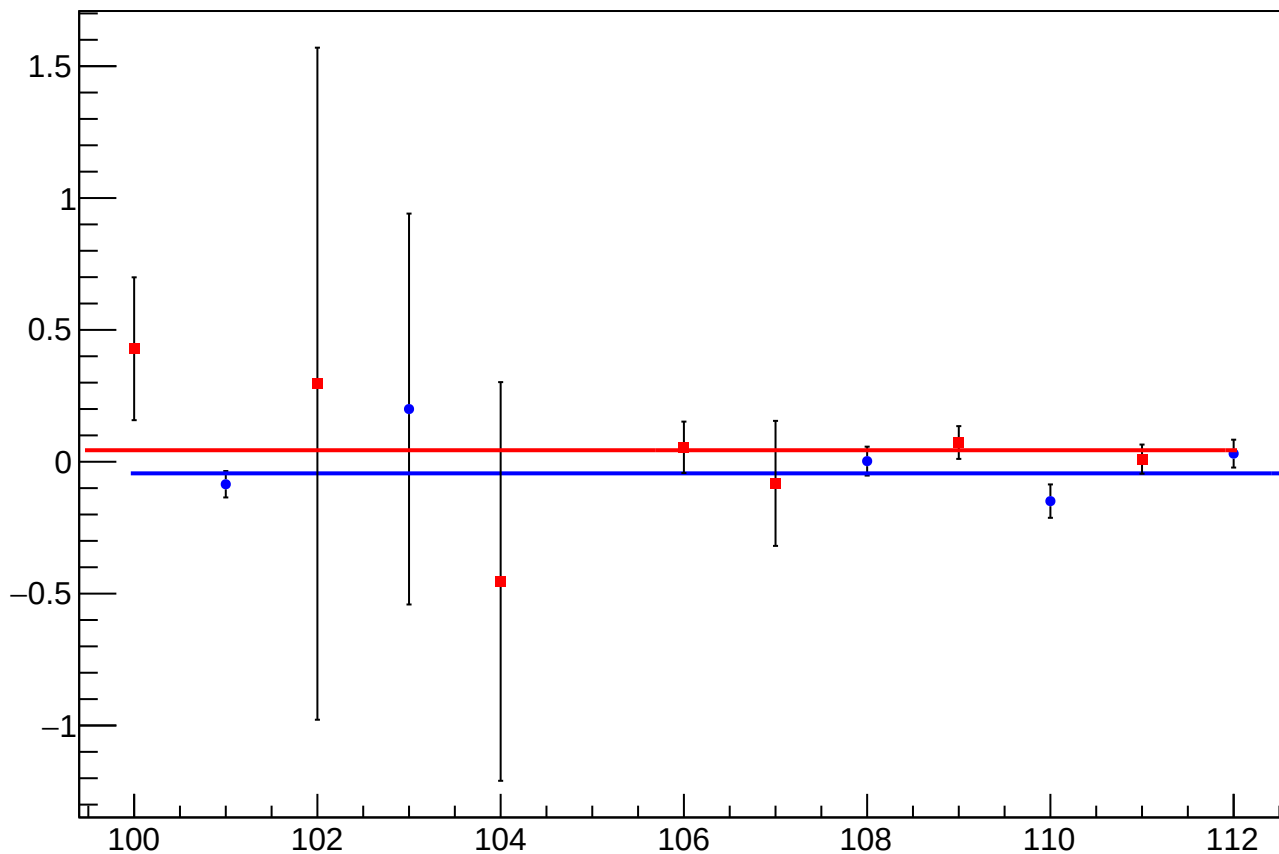
Right: 0.000+/-0.000 χ^2/NDF : 1301872.3/11

In: 0.000+/-0.000 χ^2/NDF : 771796.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1301872.3/11

asym_usl_atl1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.044+/-0.027 χ^2/NDF : 6.3/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.044+/-0.037 χ^2/NDF : 3.4/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

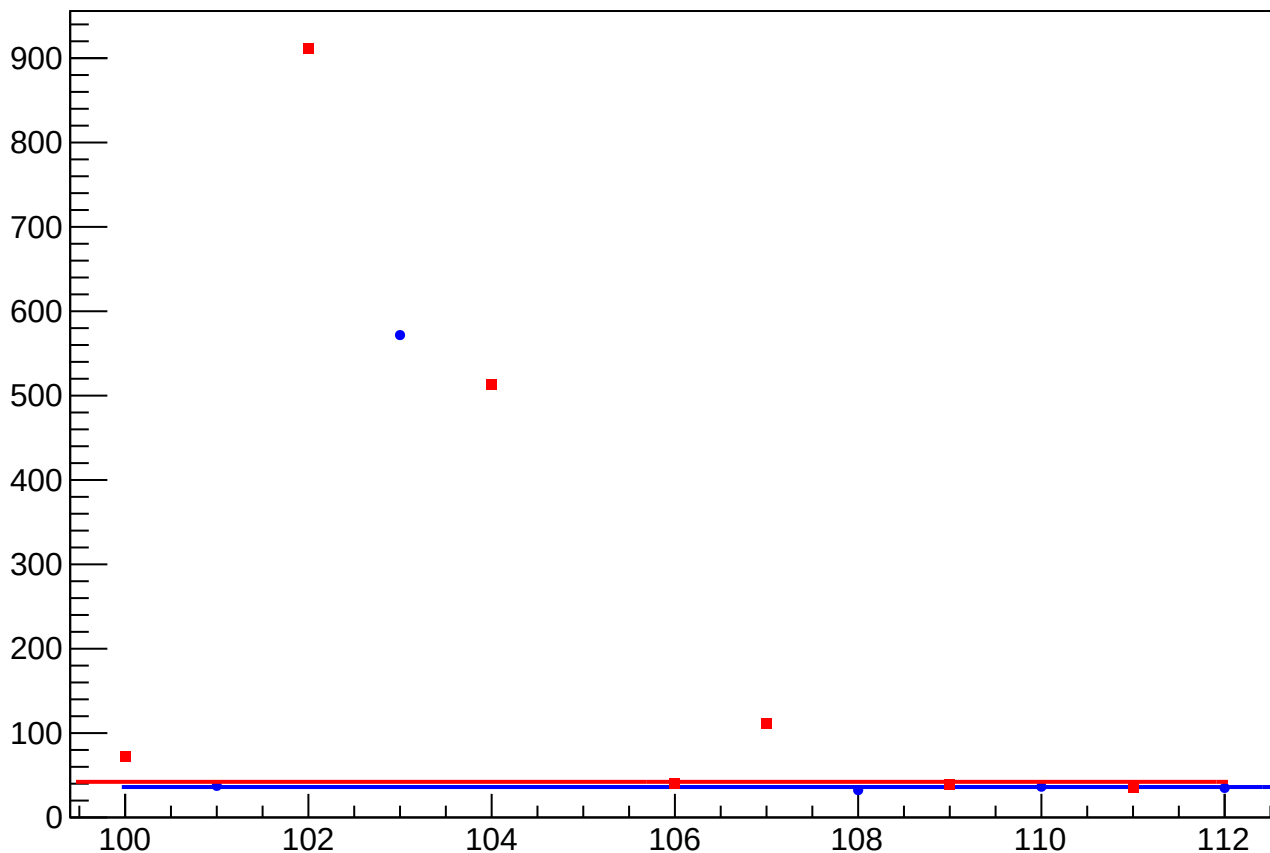
Right: -0.013+/-0.022 χ^2/NDF : 13.3/11

In: -0.044+/-0.027 χ^2/NDF :6.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.013+/-0.022 χ^2/NDF : 13.3/11

asym_usl_atl1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.060 $\pm$ 0.019 χ^2 /NDF: 1056373.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 42.210 $\pm$ 0.026 χ^2 /NDF: 1933205.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

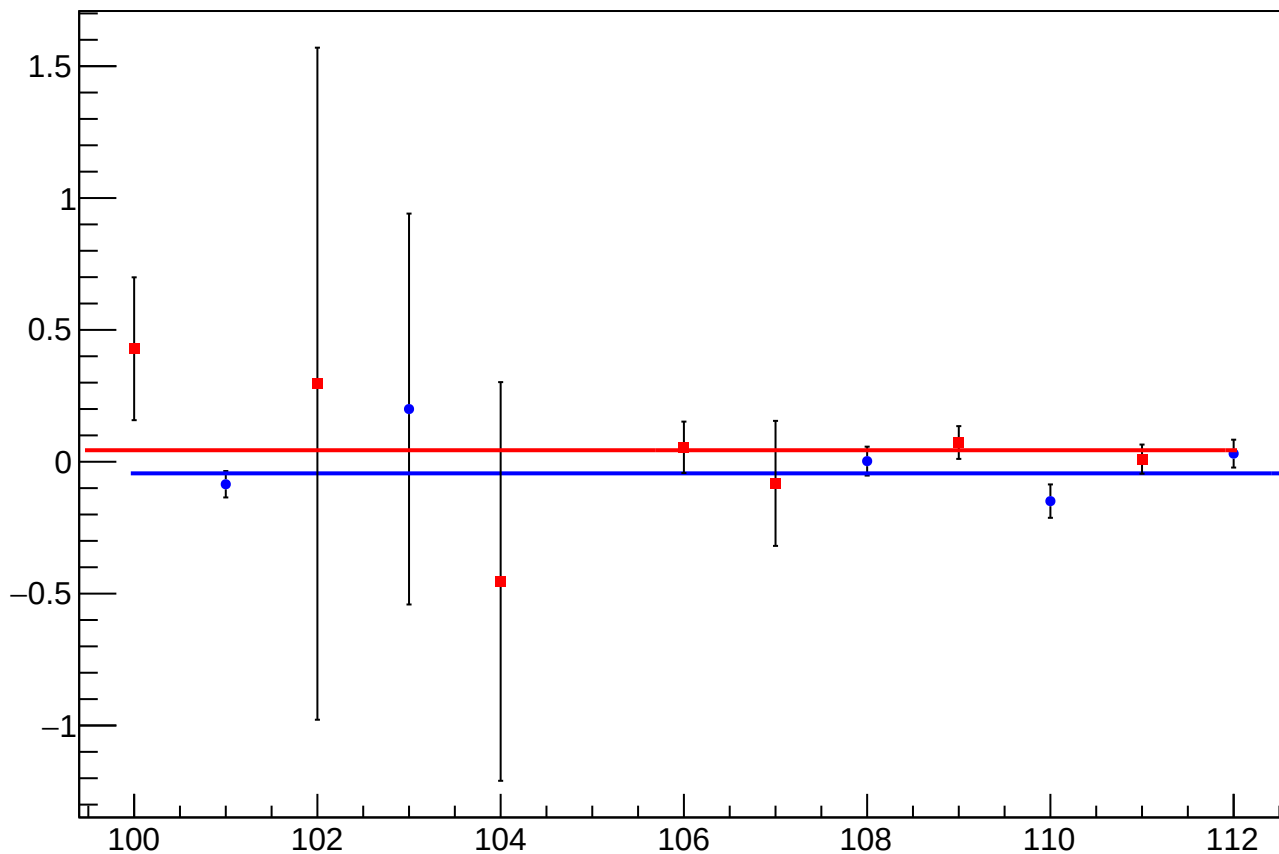
Right: 38.218 $\pm$ 0.016 χ^2 /NDF: 3025199.7/11

In: 36.060 $\pm$ 0.019 χ^2 /NDF:1056373.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 38.218 $\pm$ 0.016 χ^2 /NDF: 3025199.7/11

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.044 ± 0.027 χ^2/NDF : 6.3/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.044 ± 0.037 χ^2/NDF : 3.4/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

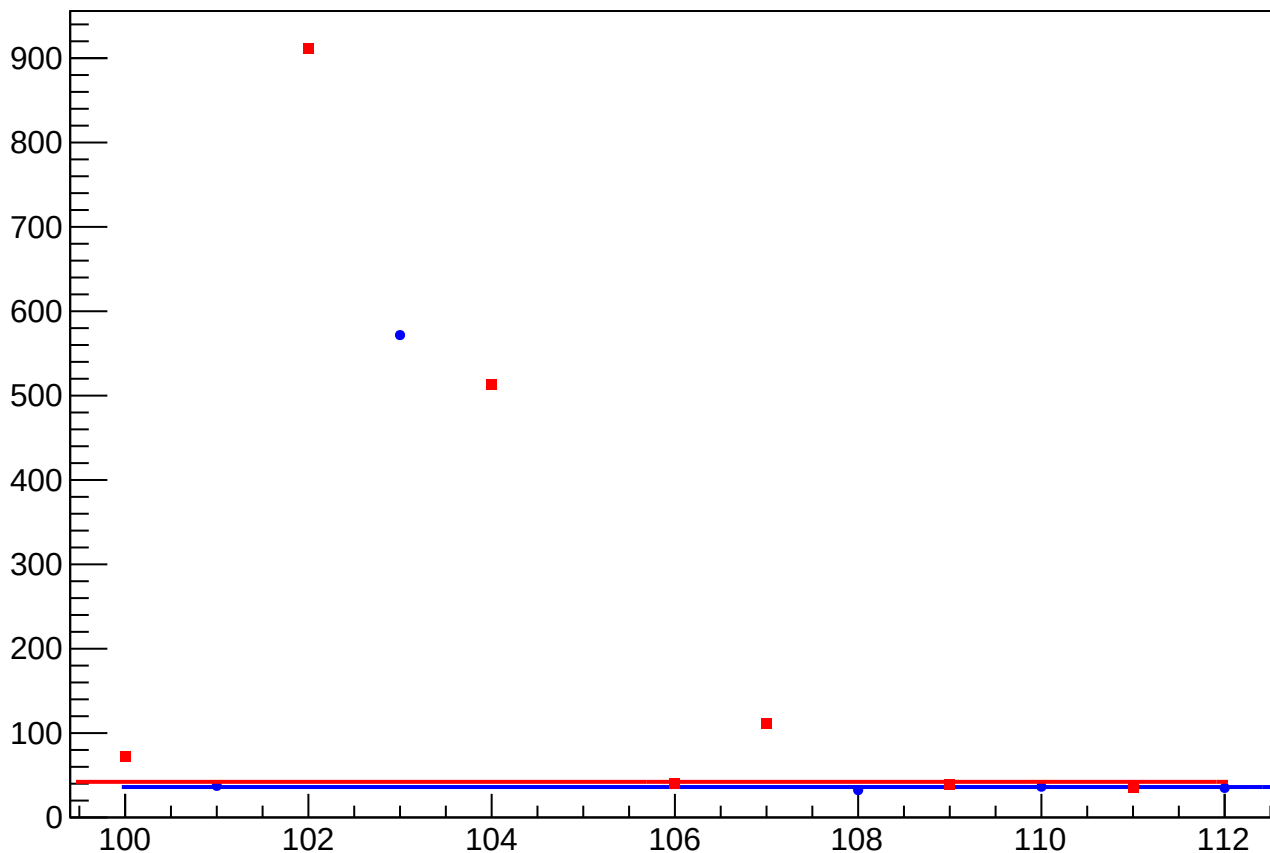
Right: -0.013 ± 0.022 χ^2/NDF : 13.3/11

In: -0.044 ± 0.027 χ^2/NDF : 6.3/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.013 ± 0.022 χ^2/NDF : 13.3/11

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.060+/-0.019 χ^2/NDF : 1056373.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.210+/-0.026 χ^2/NDF : 1933205.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

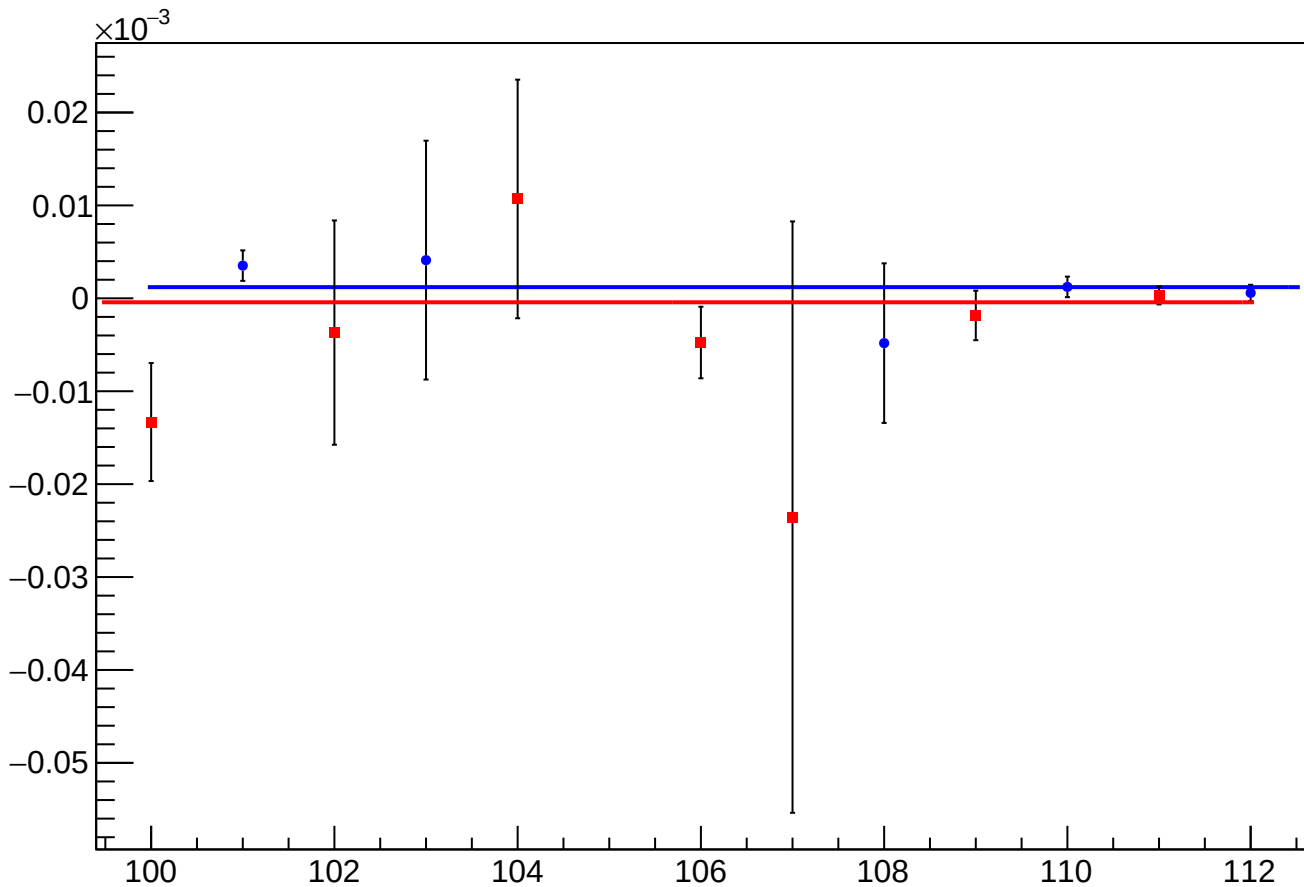
Right: 38.218+/-0.016 χ^2/NDF : 3025199.7/11

In: 36.060+/-0.019 χ^2/NDF : 1056373.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.218+/-0.016 χ^2/NDF : 3025199.7/11

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

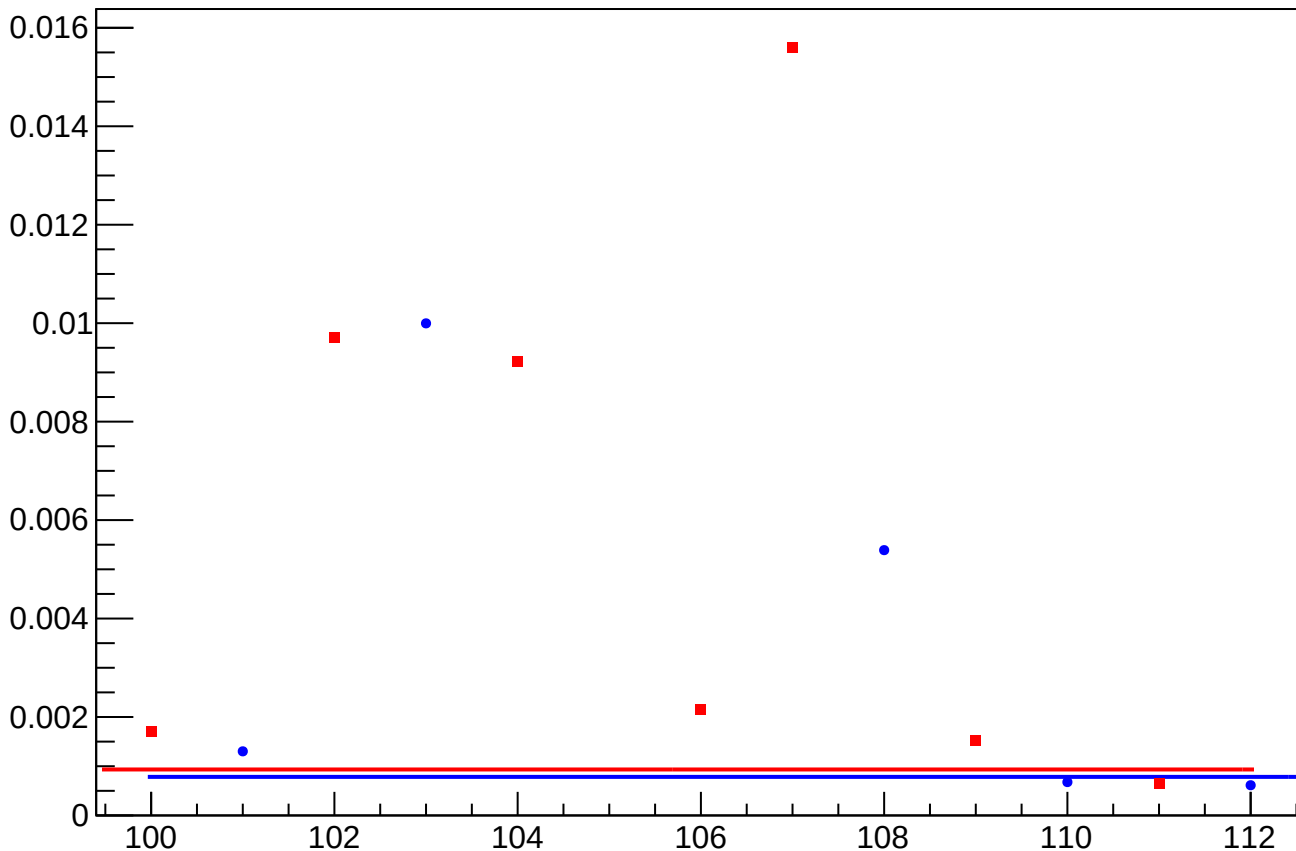
Right: 0.000+/-0.000 χ^2/NDF : 12.9/11

In: 0.000+/-0.000 χ^2/NDF : 3.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.9/11

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1897331.4/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2825500.0/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

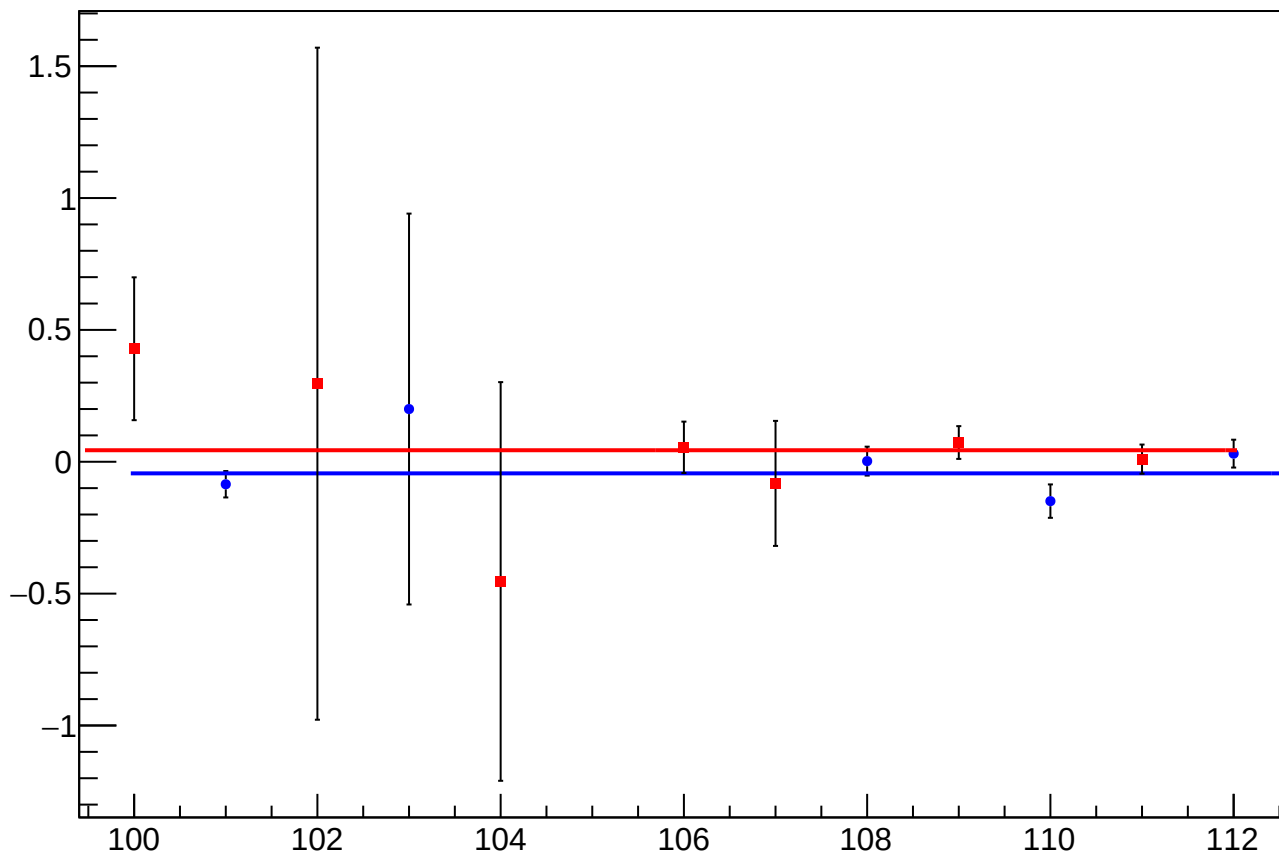
Right: 0.001+/-0.000 χ^2/NDF : 4762168.7/11

In: 0.001+/-0.000 χ^2/NDF :1897331.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4762168.7/11

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.044 ± 0.027 χ^2/NDF : 6.3/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.044 ± 0.037 χ^2/NDF : 3.4/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

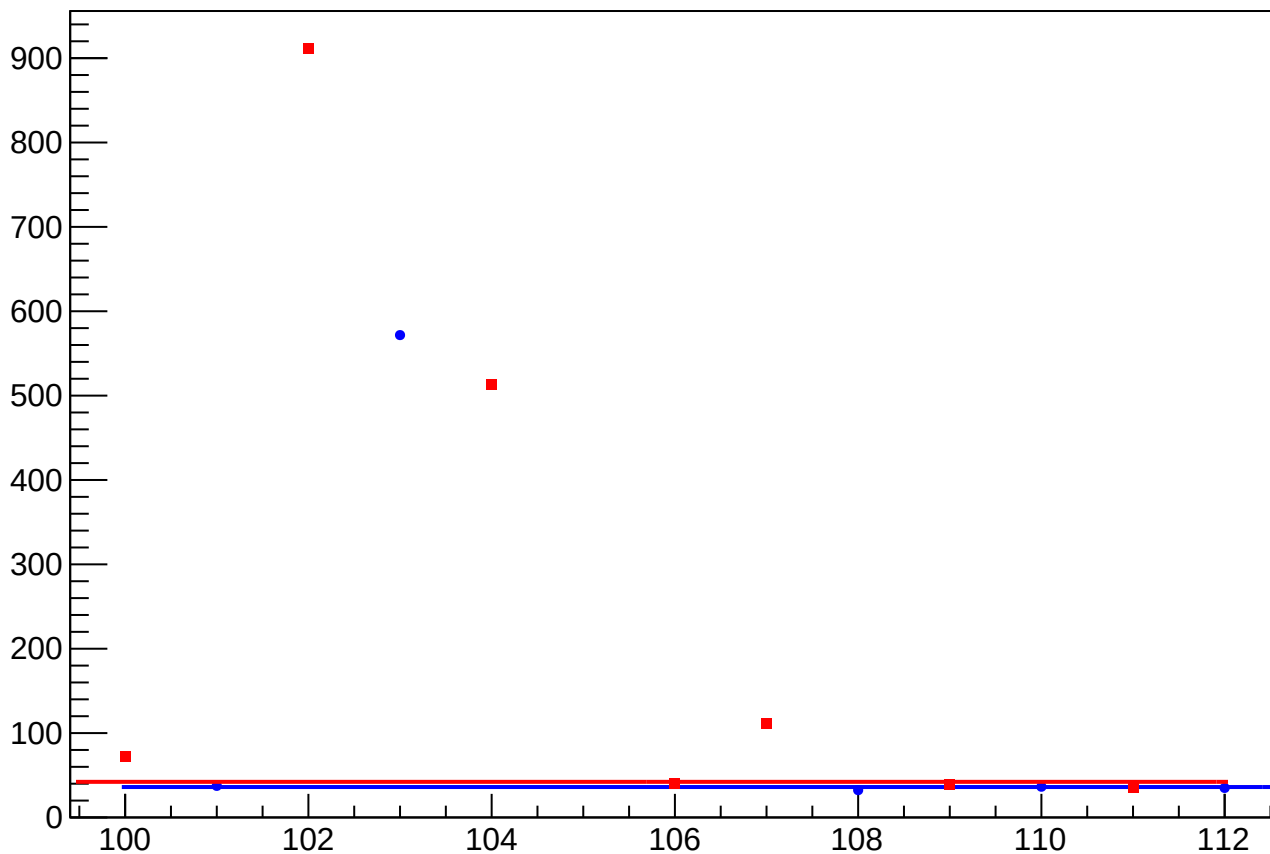
Right: -0.013 ± 0.022 χ^2/NDF : 13.3/11

In: -0.044 ± 0.027 χ^2/NDF : 6.3/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.013 ± 0.022 χ^2/NDF : 13.3/11

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.060 $\pm$ 0.019 χ^2 /NDF: 1056366.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 42.211 $\pm$ 0.026 χ^2 /NDF: 1933195.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

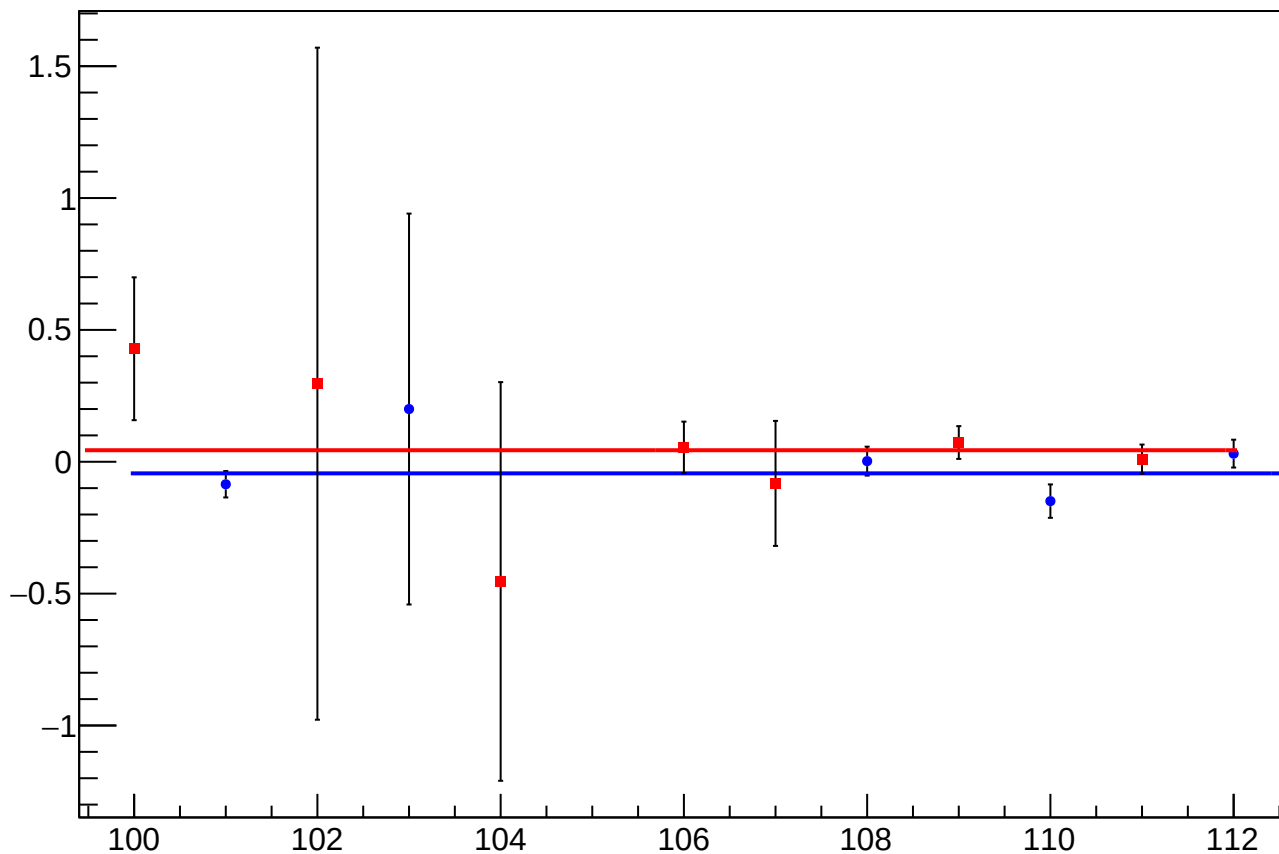
Right: 38.218 $\pm$ 0.016 χ^2 /NDF: 3025187.9/11

In: 36.060 $\pm$ 0.019 χ^2 /NDF:1056366.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 38.218 $\pm$ 0.016 χ^2 /NDF: 3025187.9/11

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.044 ± 0.027 $\chi^2/\text{NDF}: 6.3/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.044 ± 0.037 $\chi^2/\text{NDF}: 3.4/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

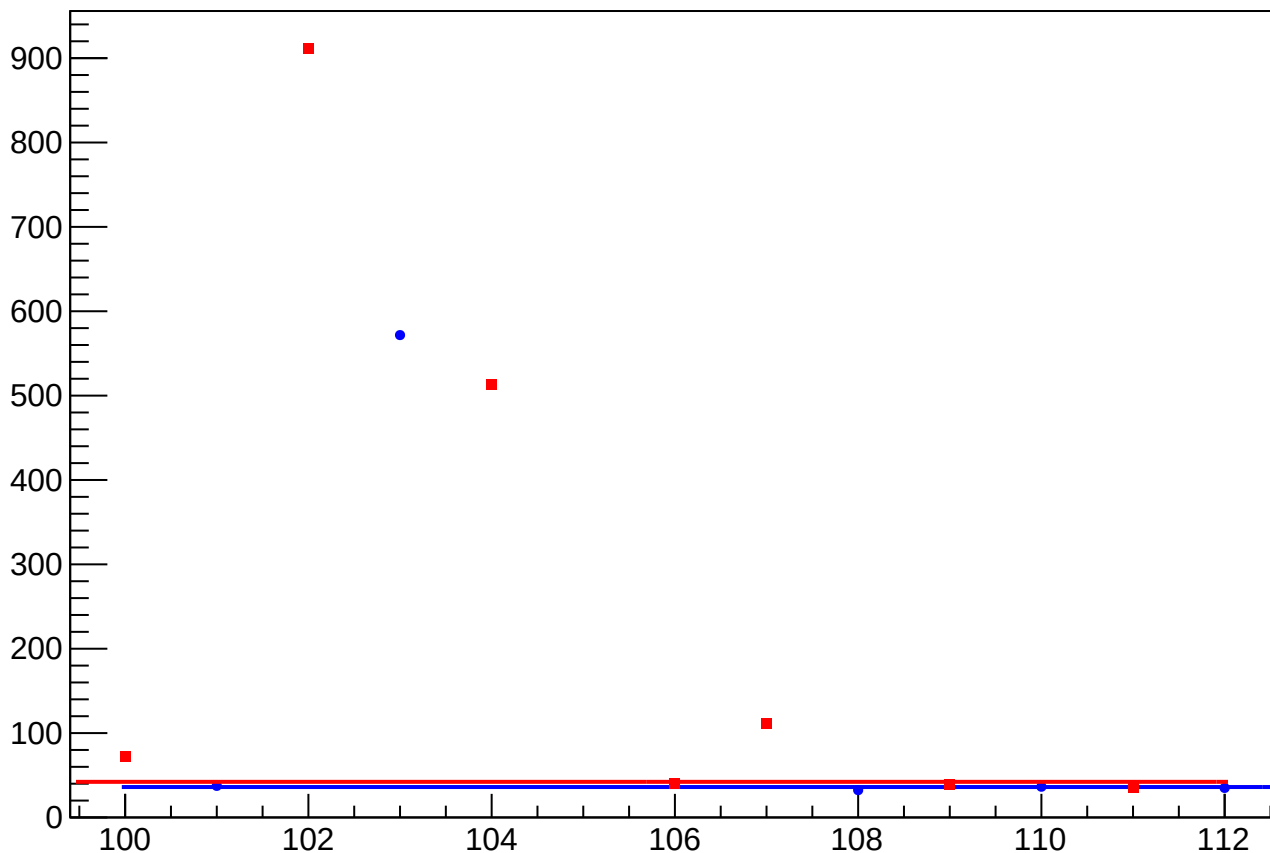
Right: -0.013 ± 0.022 $\chi^2/\text{NDF}: 13.3/11$

In: -0.044 ± 0.027 $\chi^2/\text{NDF}: 6.3/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.013 ± 0.022 $\chi^2/\text{NDF}: 13.3/11$

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.060 $\pm$ 0.019 χ^2 /NDF: 1056366.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 42.211 $\pm$ 0.026 χ^2 /NDF: 1933195.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

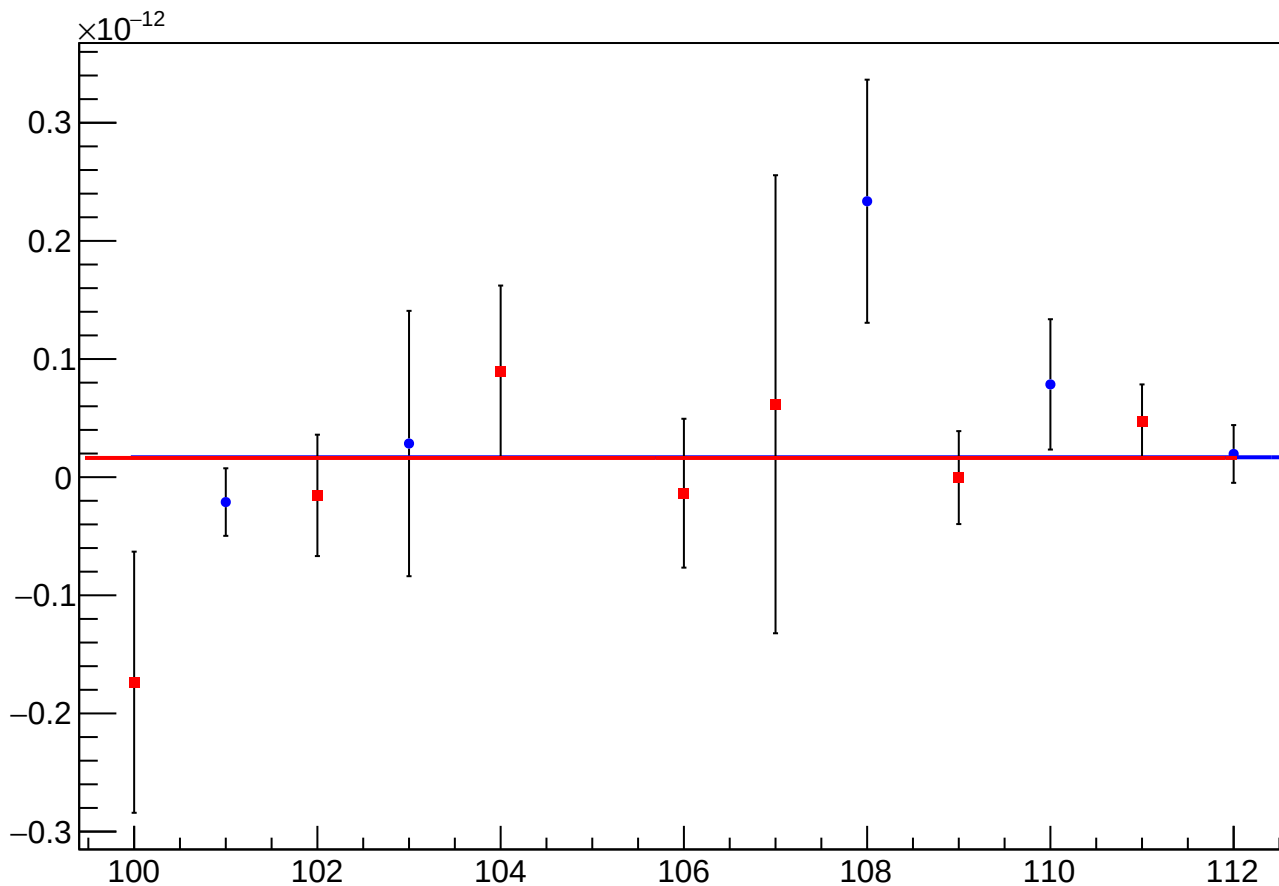
Right: 38.218 $\pm$ 0.016 χ^2 /NDF: 3025187.9/11

In: 36.060 $\pm$ 0.019 χ^2 /NDF:1056366.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 38.218 $\pm$ 0.016 χ^2 /NDF: 3025187.9/11

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

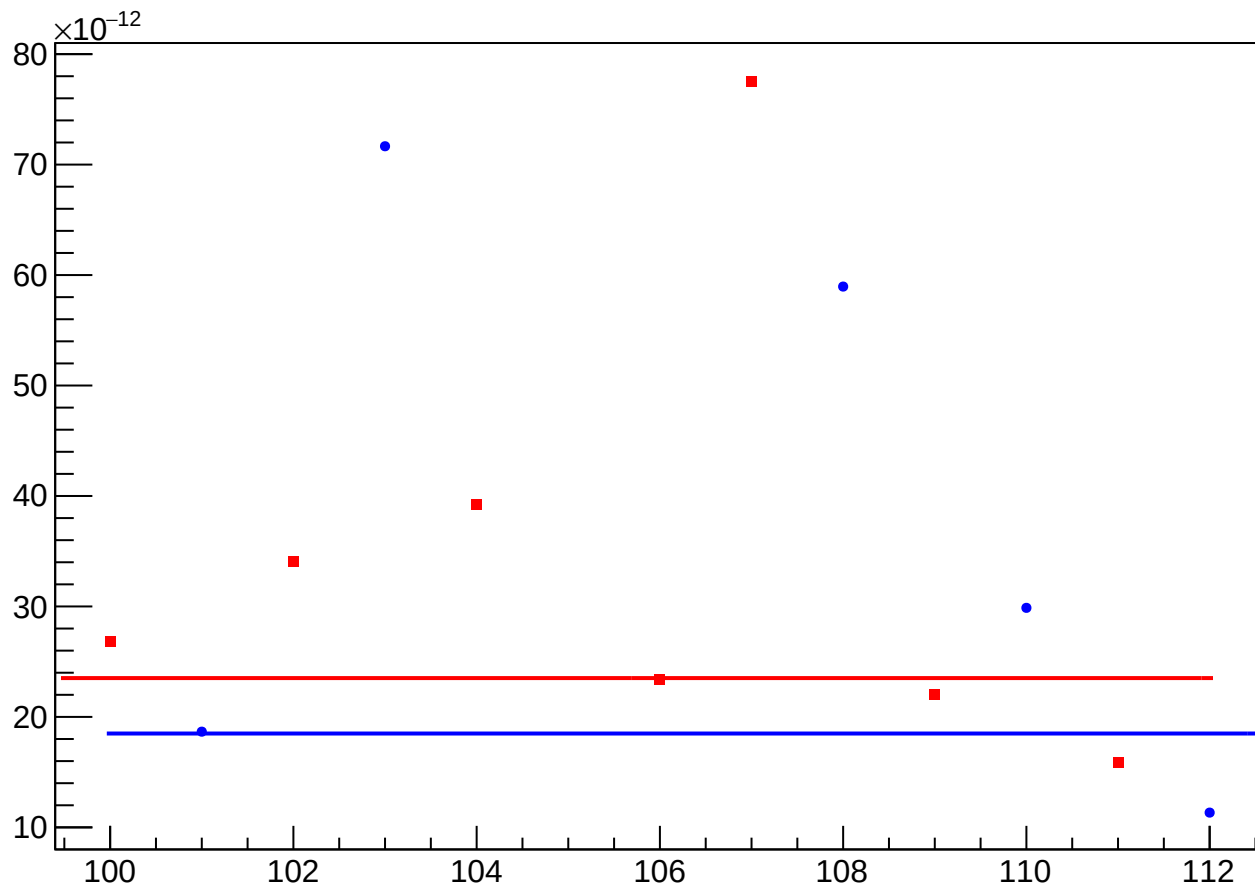
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.2/11

In: 0.000 $\pm$ 0.000 χ^2 /NDF:7.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.2/11

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1014102.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 454840.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

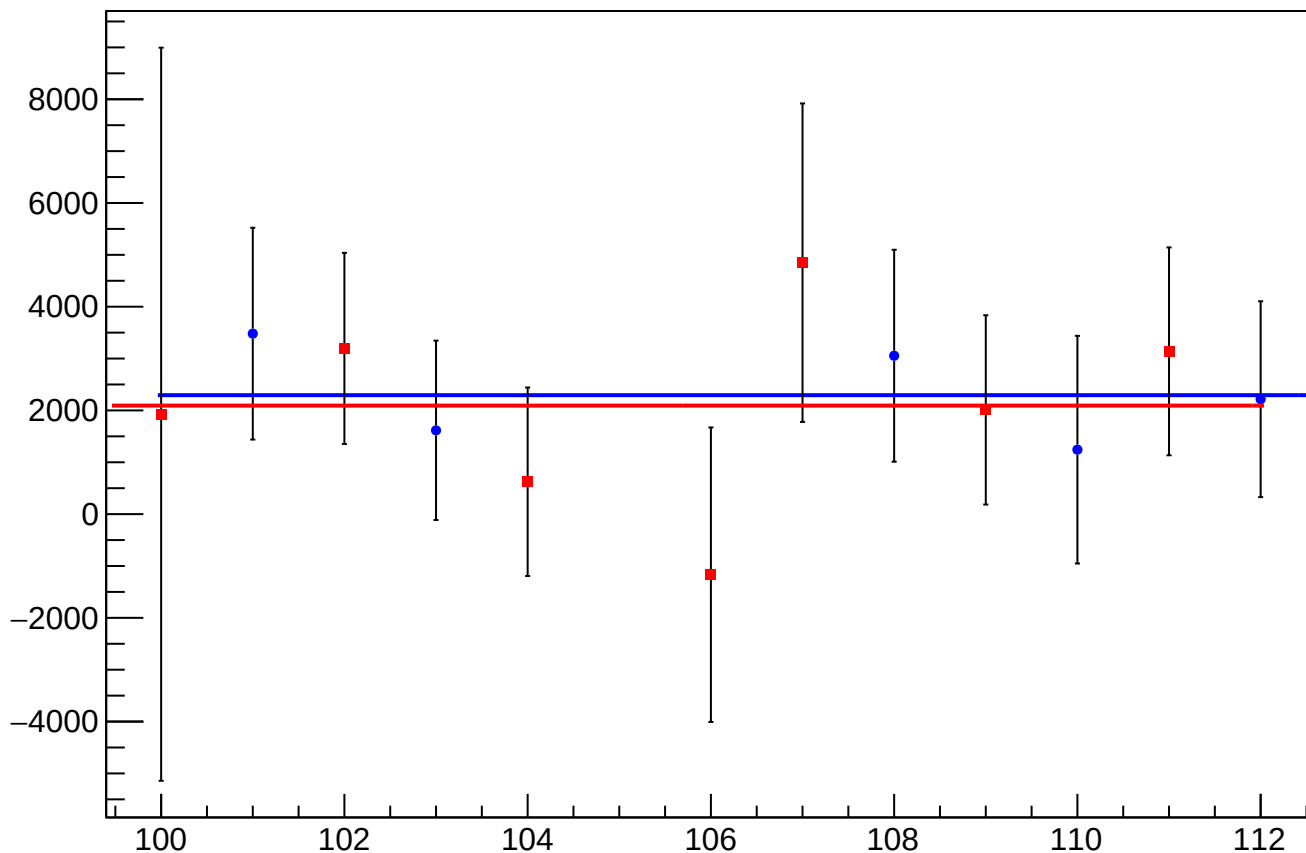
Right: 0.000+/-0.000 χ^2/NDF : 1542796.2/11

In: 0.000+/-0.000 χ^2/NDF : 1014102.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1542796.2/11

reg_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2293.803+/-876.525 χ^2/NDF : 0.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2093.070+/-846.214 χ^2/NDF : 3.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

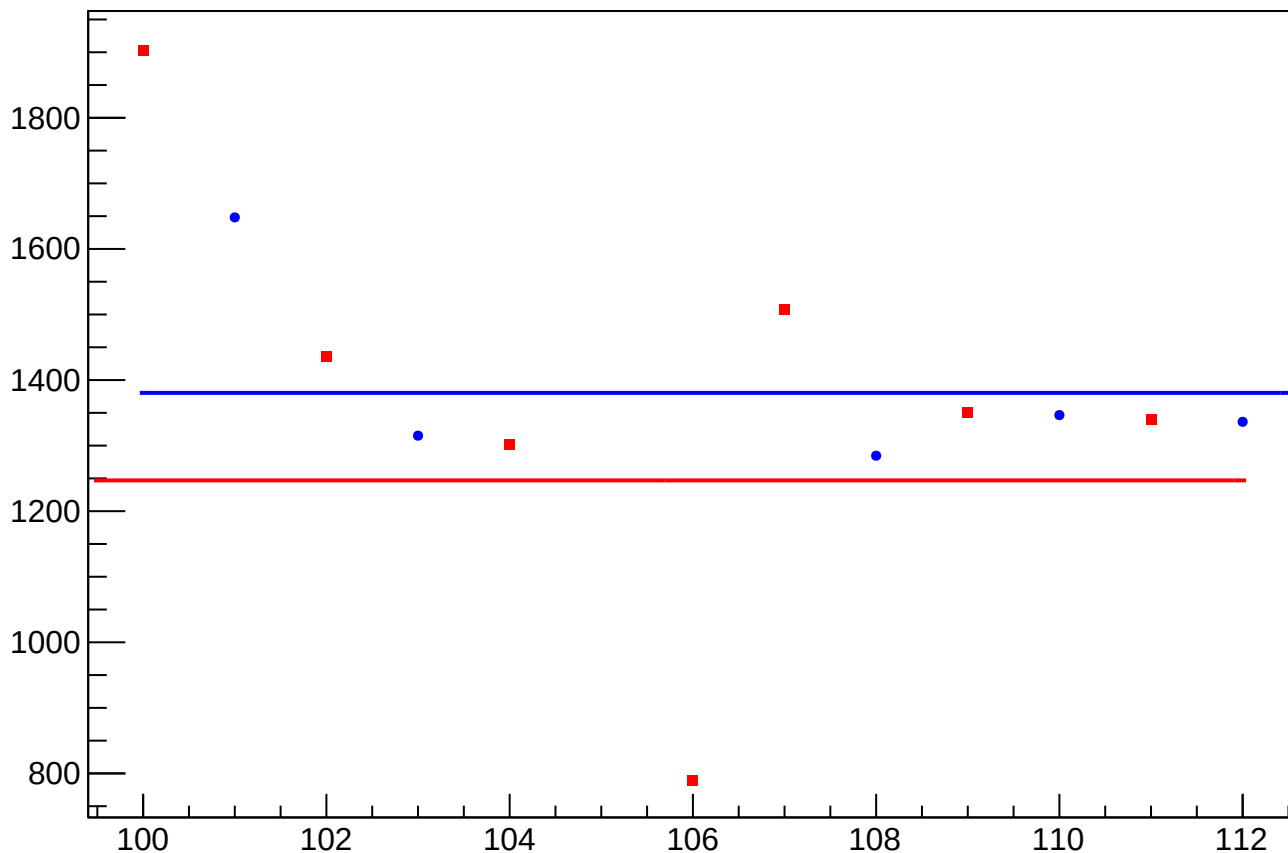
Right: 2189.906+/-608.797 χ^2/NDF : 4.3/11

In: 2293.803+/-876.525 χ^2/NDF : 0.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2189.906+/-608.797 χ^2/NDF : 4.3/11

reg_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1380.463+/-0.620 χ^2/NDF : 43178.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1246.956+/-0.552 χ^2/NDF : 218831.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

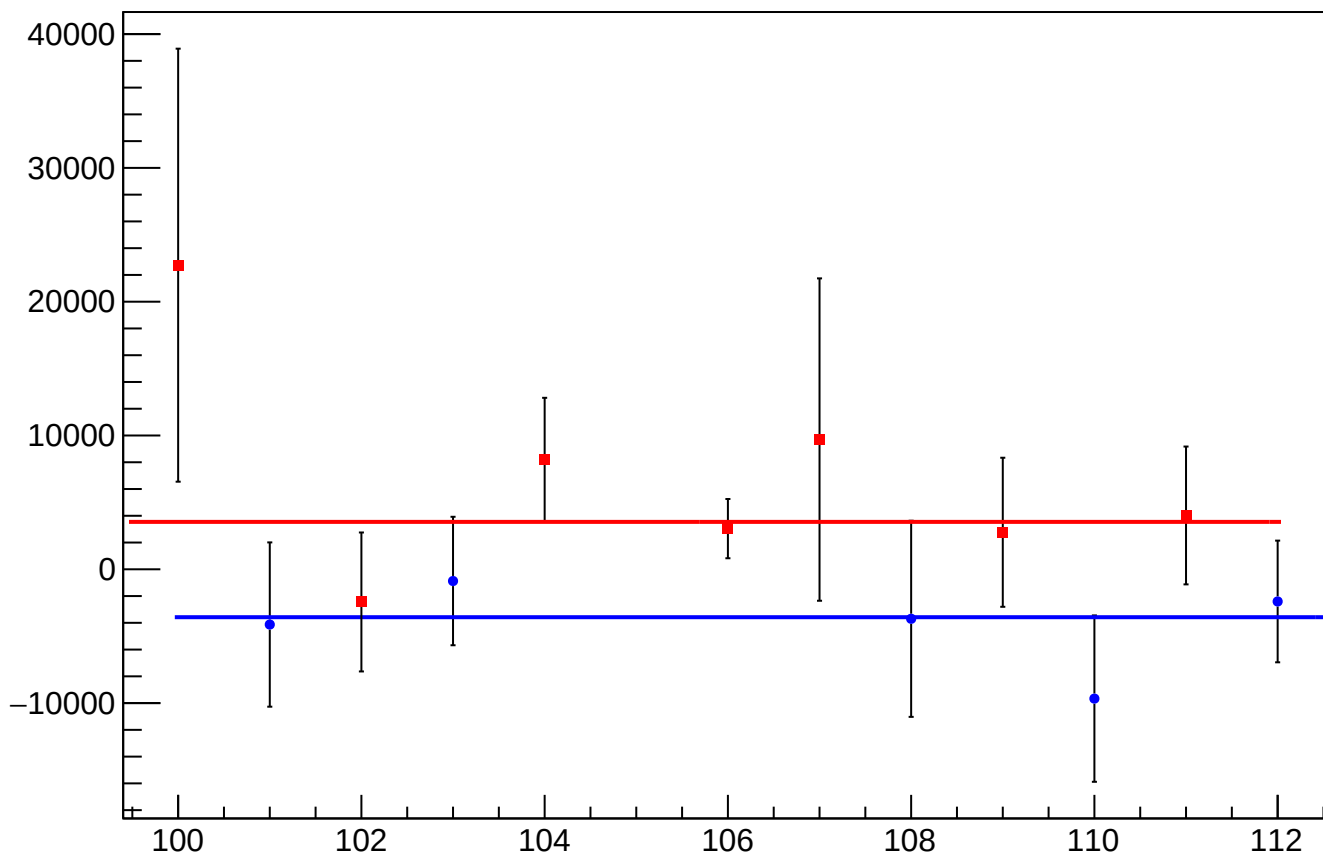
Right: 1306.037+/-0.412 χ^2/NDF : 287875.2/11

In: 1380.463+/-0.620 χ^2/NDF : 43178.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1306.037+/-0.412 χ^2/NDF : 287875.2/11

asym_usl_atl2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -3580.324+/-2478.640 χ^2/NDF : 1.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3543.890+/-1647.814 χ^2/NDF : 4.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

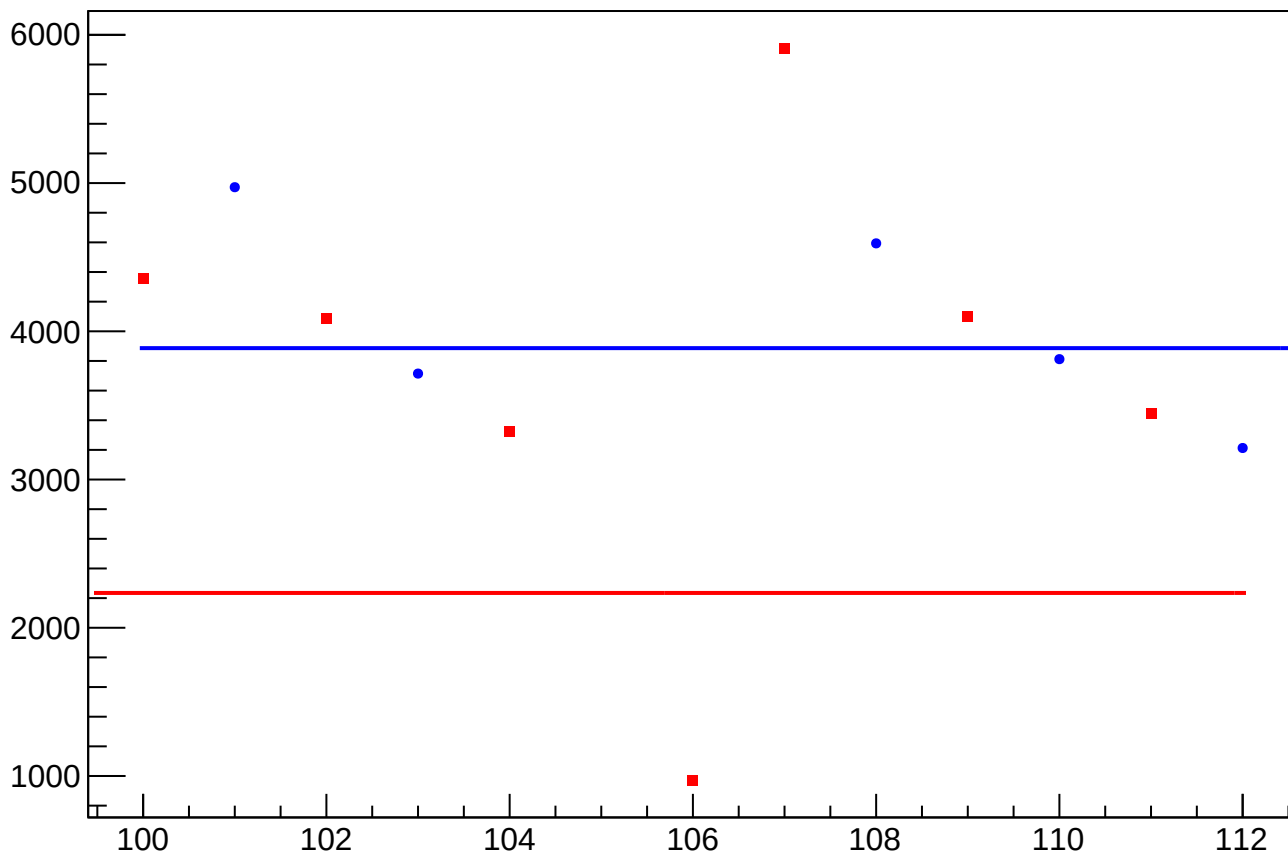
Right: 1360.299+/-1372.242 χ^2/NDF : 11.2/11

In: -3580.324+/-2478.640 χ^2/NDF : 1.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1360.299+/-1372.242 χ^2/NDF : 11.2/11

asym_usl_atl2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3886.513+/-1.753 χ^2/NDF : 127895.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2234.854+/-1.165 χ^2/NDF : 1571340.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

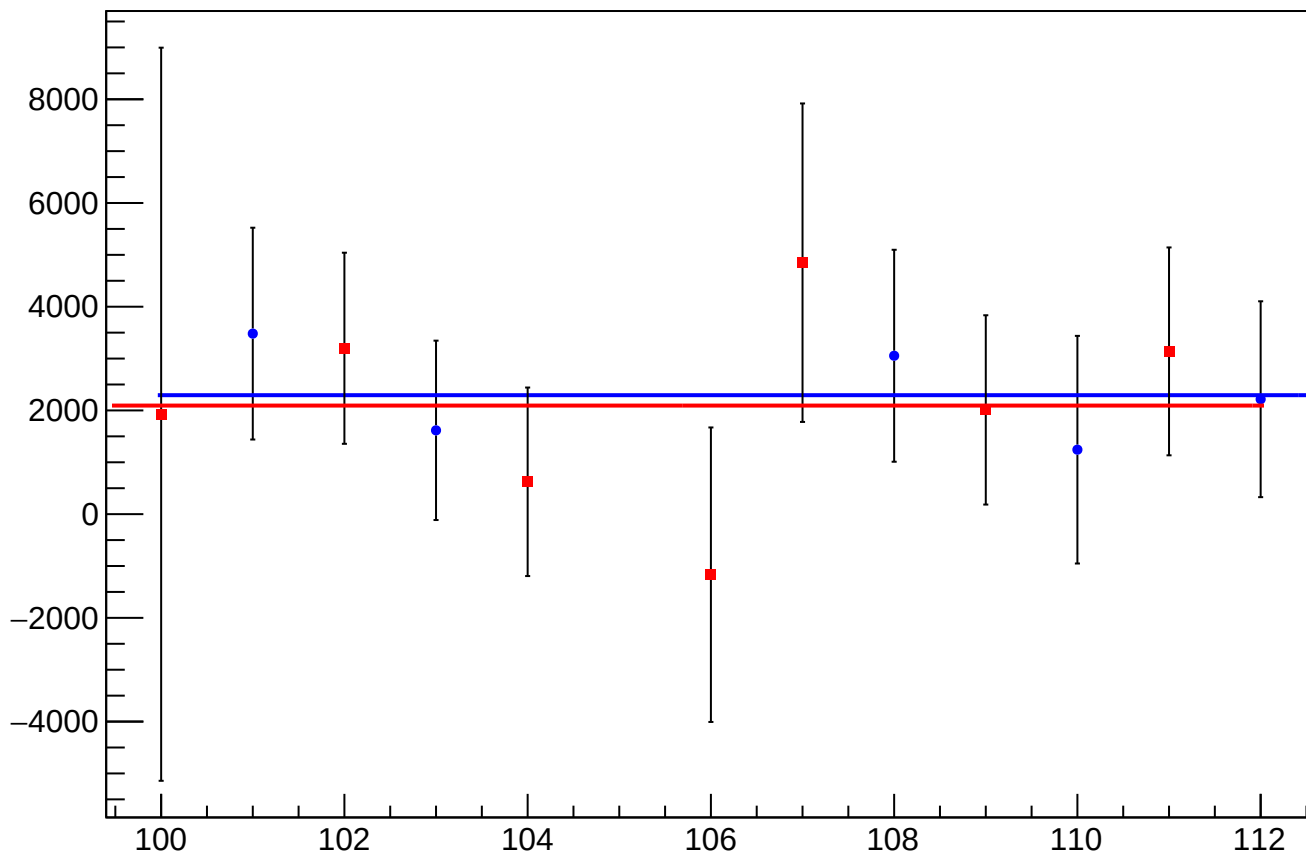
Right: 2741.092+/-0.970 χ^2/NDF : 2315105.2/11

In: 3886.513+/-1.753 χ^2/NDF : 127895.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2741.092+/-0.970 χ^2/NDF : 2315105.2/11

cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2293.980+/-876.526 χ^2/NDF : 0.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2093.617+/-846.228 χ^2/NDF : 3.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

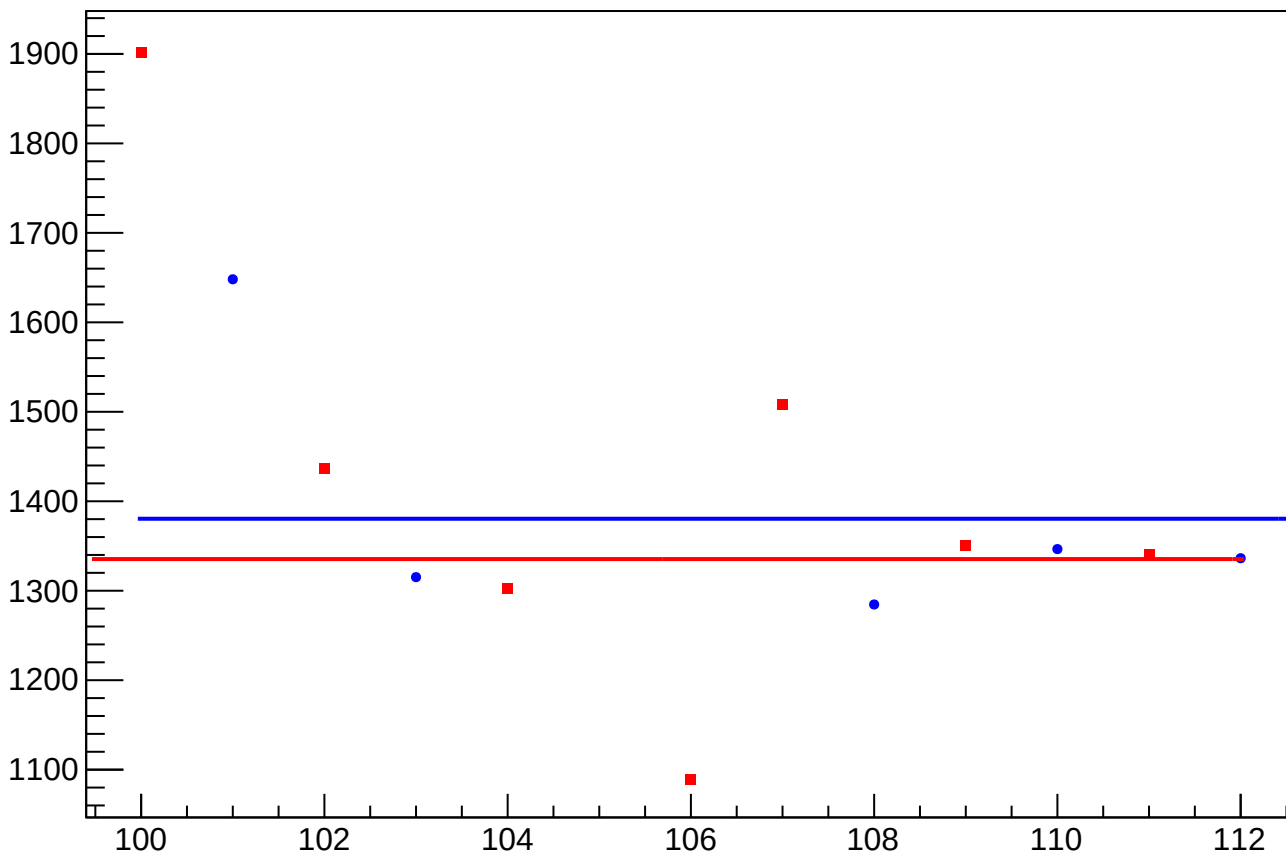
Right: 2190.276+/-608.803 χ^2/NDF : 4.3/11

In: 2293.980+/-876.526 χ^2/NDF : 0.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2190.276+/-608.803 χ^2/NDF : 4.3/11

cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1380.462 $\pm$ 0.620 χ^2 /NDF: 43177.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1335.388 $\pm$ 0.578 χ^2 /NDF: 53262.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

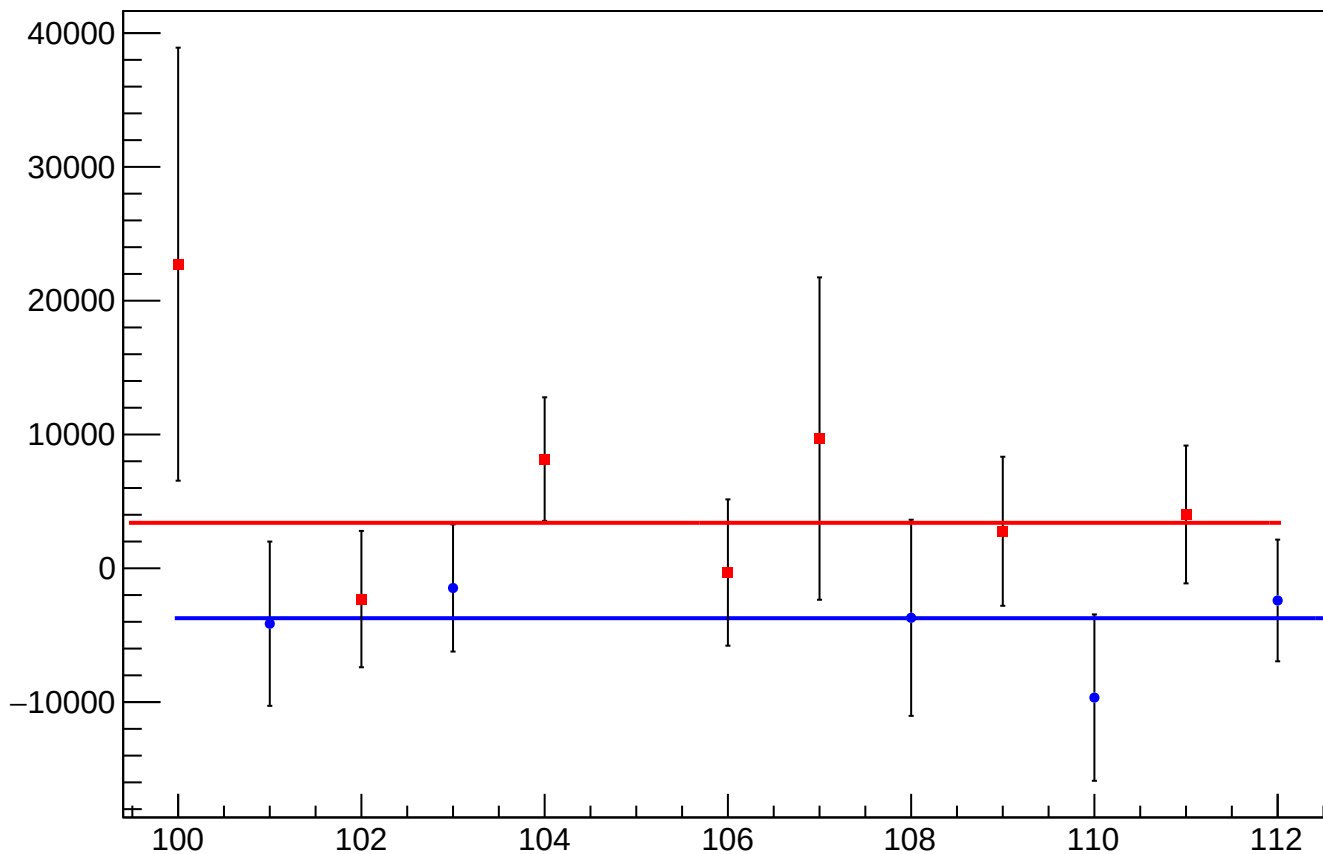
Right: 1356.352 $\pm$ 0.423 χ^2 /NDF: 99269.1/11

In: 1380.462 $\pm$ 0.620 χ^2 /NDF: 43177.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1356.352 $\pm$ 0.423 χ^2 /NDF: 99269.1/11

asym_usl_atl2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -3728.910+/-2471.762 χ^2/NDF : 1.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3399.145+/-2238.858 χ^2/NDF : 4.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

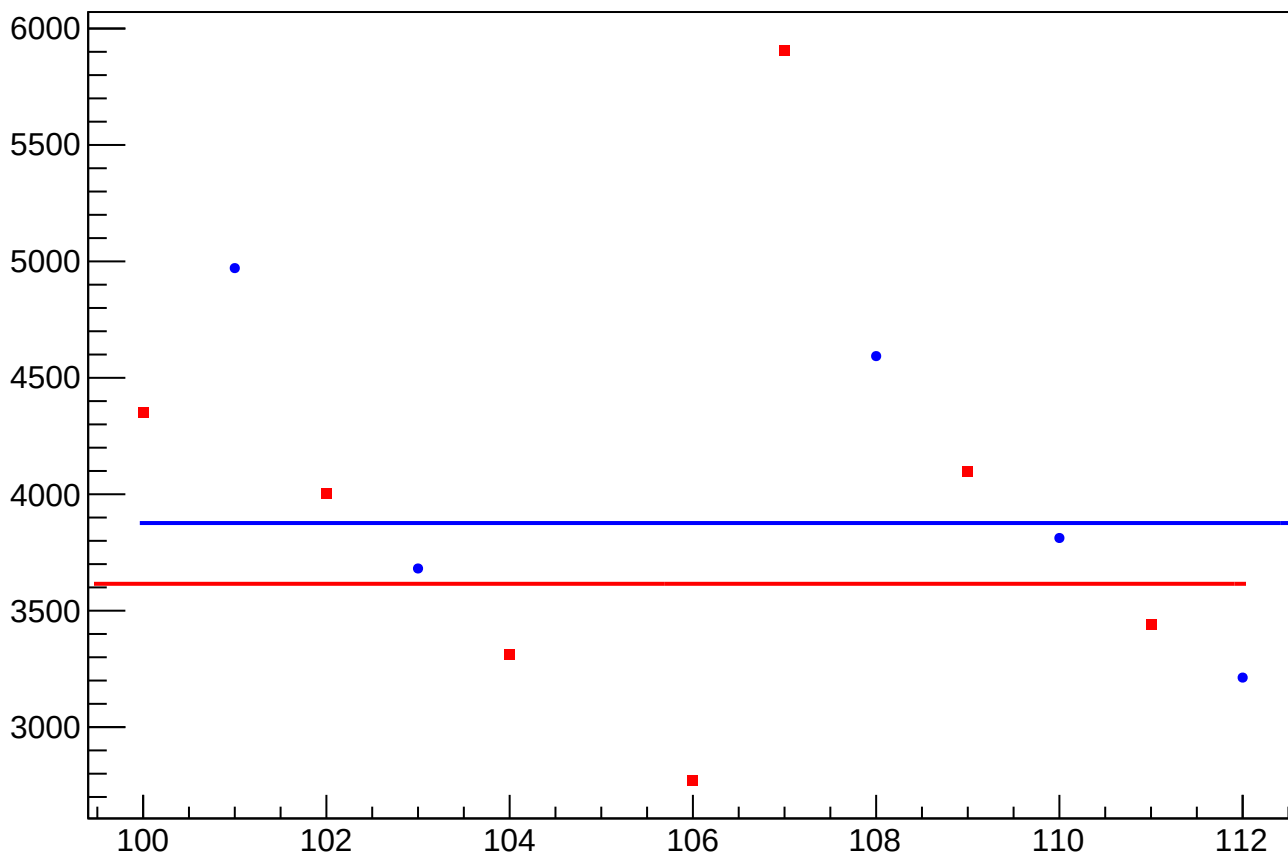
Right: 186.685+/-1659.358 χ^2/NDF : 10.3/11

In: -3728.910+/-2471.762 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 186.685+/-1659.358 χ^2/NDF : 10.3/11

asym_usl_atl2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3876.399+/-1.748 χ^2/NDF : 128941.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3615.455+/-1.583 χ^2/NDF : 162035.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

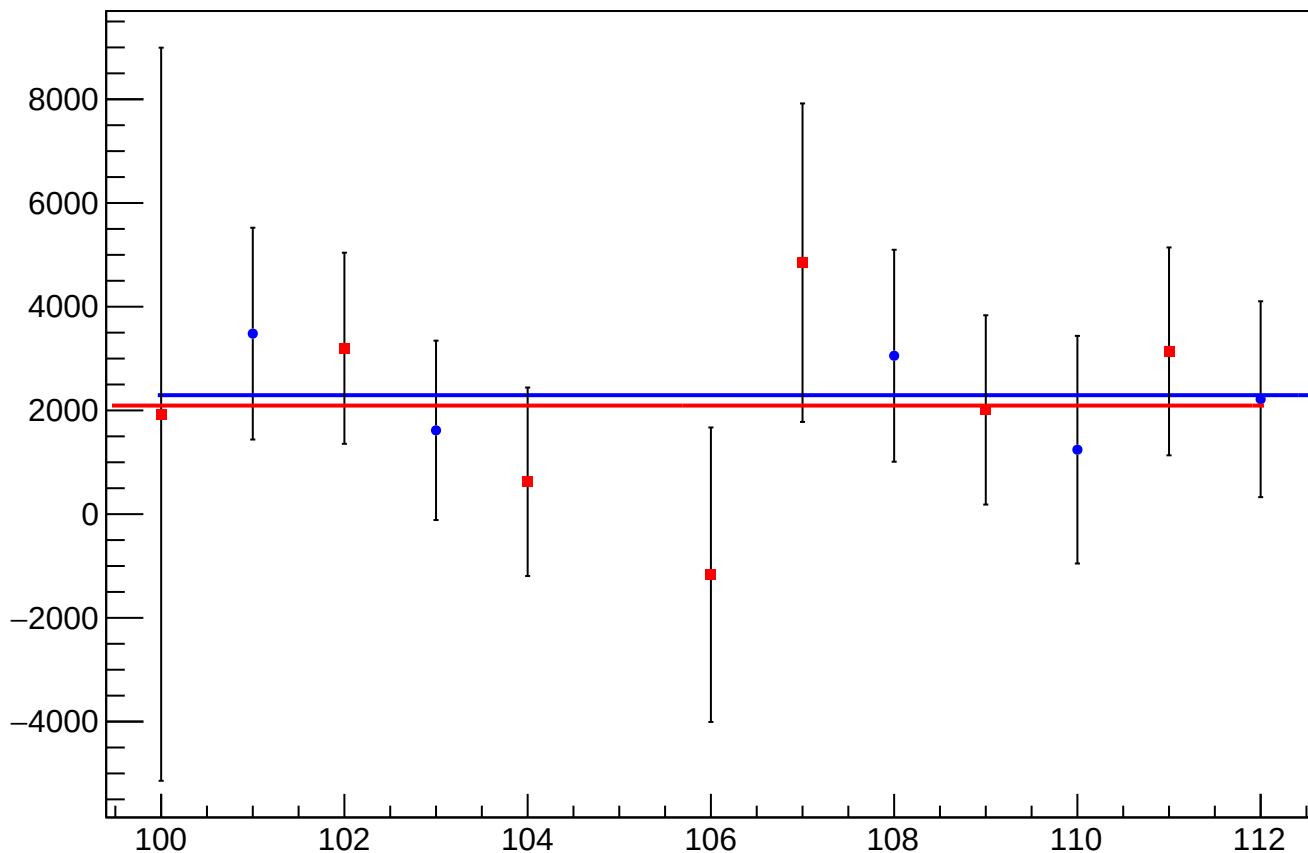
Right: 3733.057+/-1.173 χ^2/NDF : 303222.3/11

In: 3876.399+/-1.748 χ^2/NDF : 128941.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3733.057+/-1.173 χ^2/NDF : 303222.3/11

eigen_cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2293.980+/-876.526 χ^2/NDF : 0.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2093.617+/-846.228 χ^2/NDF : 3.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

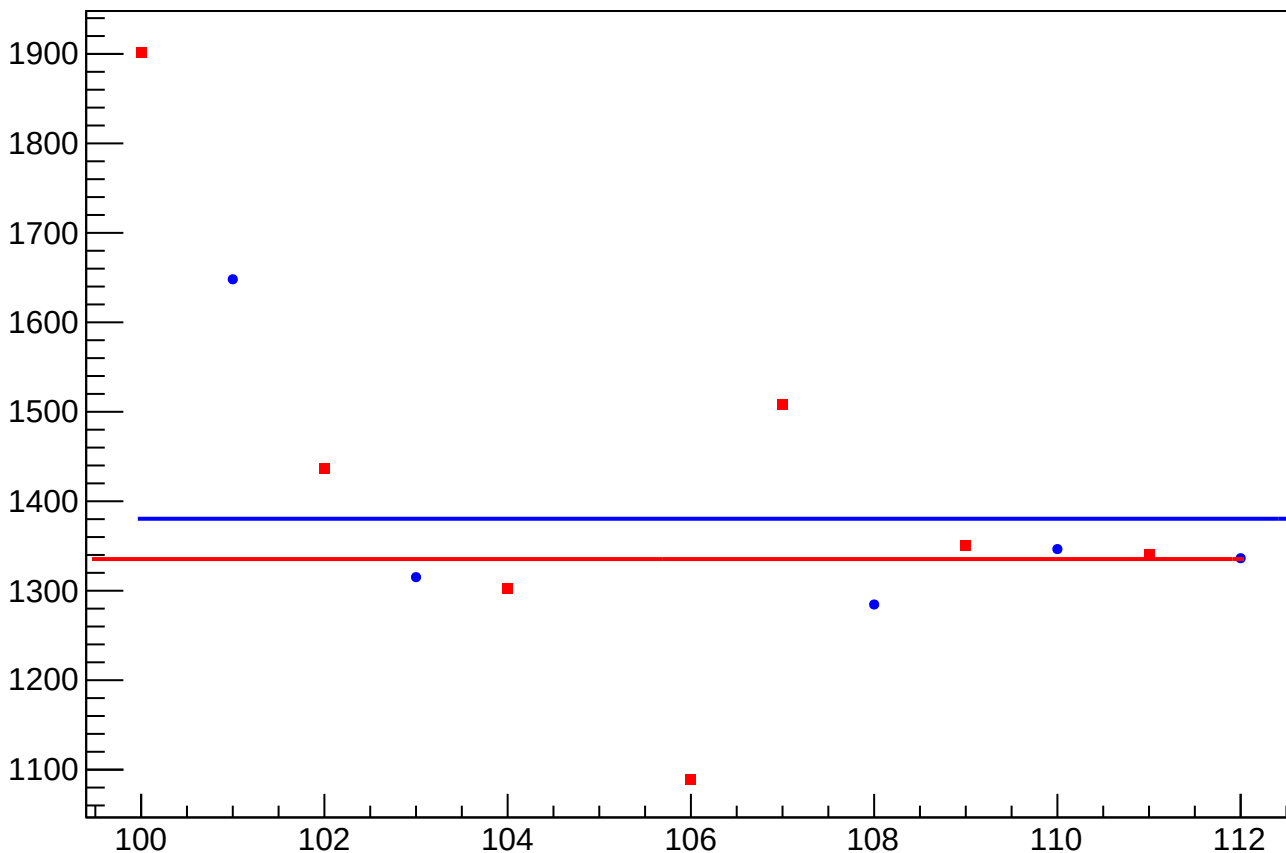
Right: 2190.276+/-608.803 χ^2/NDF : 4.3/11

In: 2293.980+/-876.526 χ^2/NDF : 0.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2190.276+/-608.803 χ^2/NDF : 4.3/11

eigen_cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1380.462 $\pm$ 0.620 χ^2 /NDF: 43177.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1335.388 $\pm$ 0.578 χ^2 /NDF: 53262.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

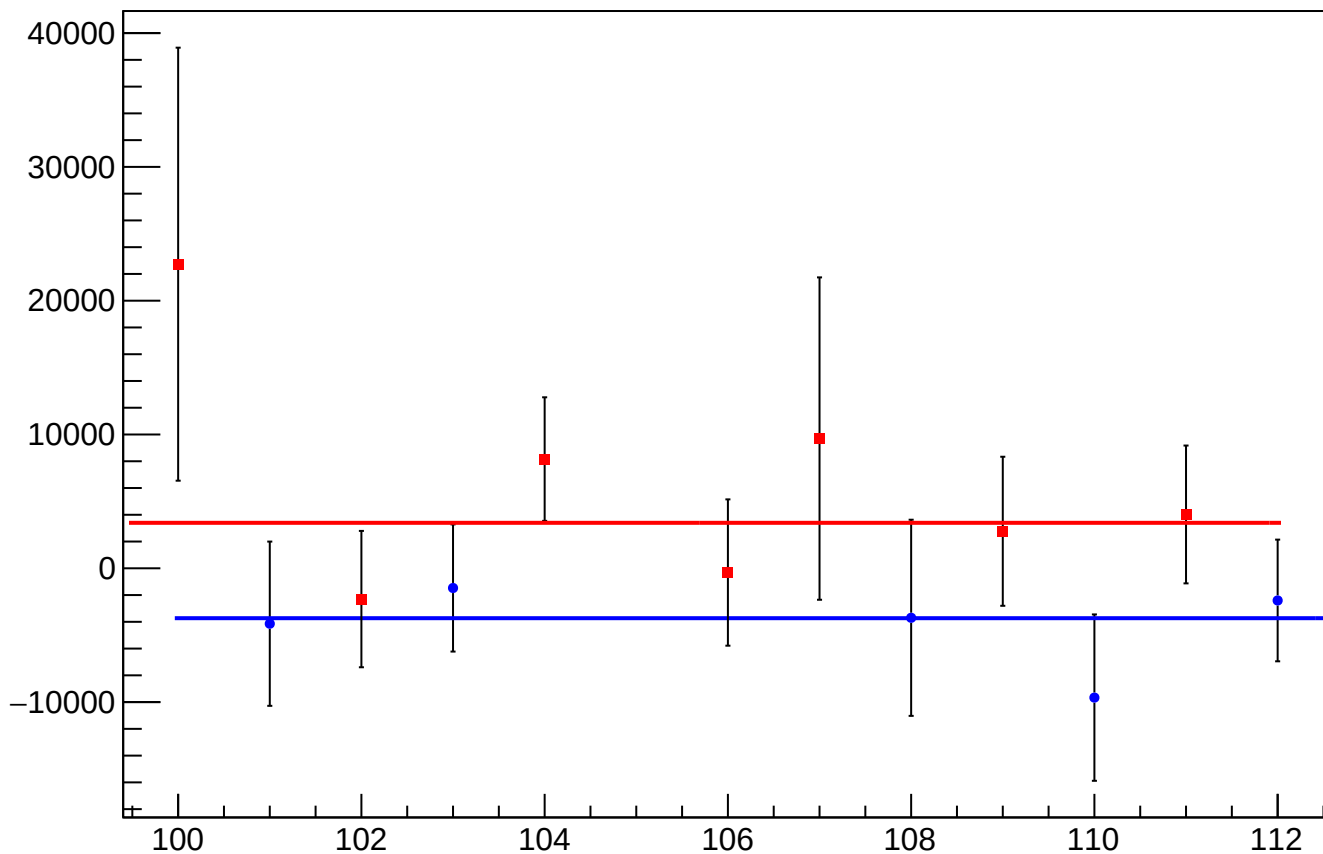
Right: 1356.352 $\pm$ 0.423 χ^2 /NDF: 99269.1/11

In: 1380.462 $\pm$ 0.620 χ^2 /NDF:43177.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1356.352 $\pm$ 0.423 χ^2 /NDF: 99269.1/11

asym_usl_atl2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -3728.910+/-2471.762 χ^2/NDF : 1.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3399.145+/-2238.858 χ^2/NDF : 4.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

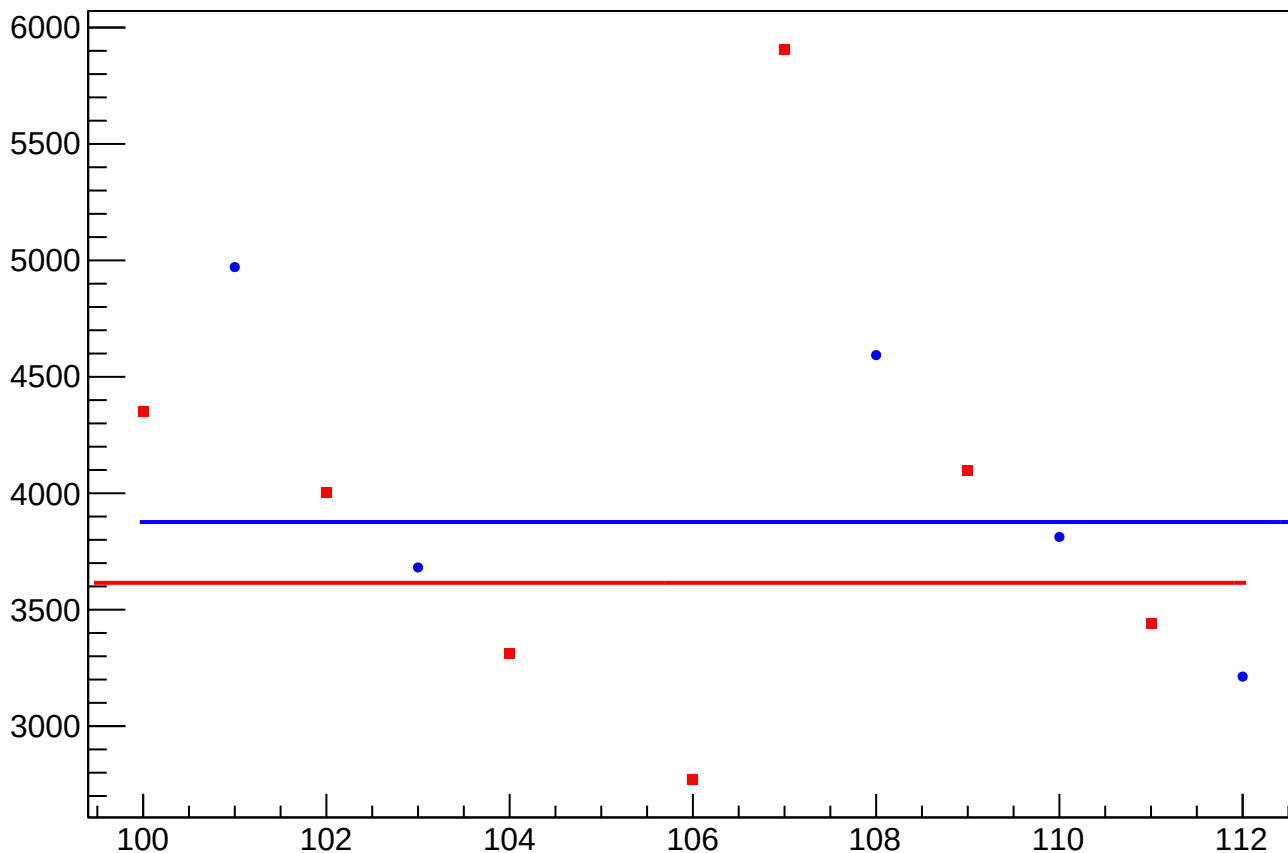
Right: 186.685+/-1659.358 χ^2/NDF : 10.3/11

In: -3728.910+/-2471.762 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 186.685+/-1659.358 χ^2/NDF : 10.3/11

asym_usl_atl2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3876.399+/-1.748 χ^2/NDF : 128941.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3615.455+/-1.583 χ^2/NDF : 162035.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

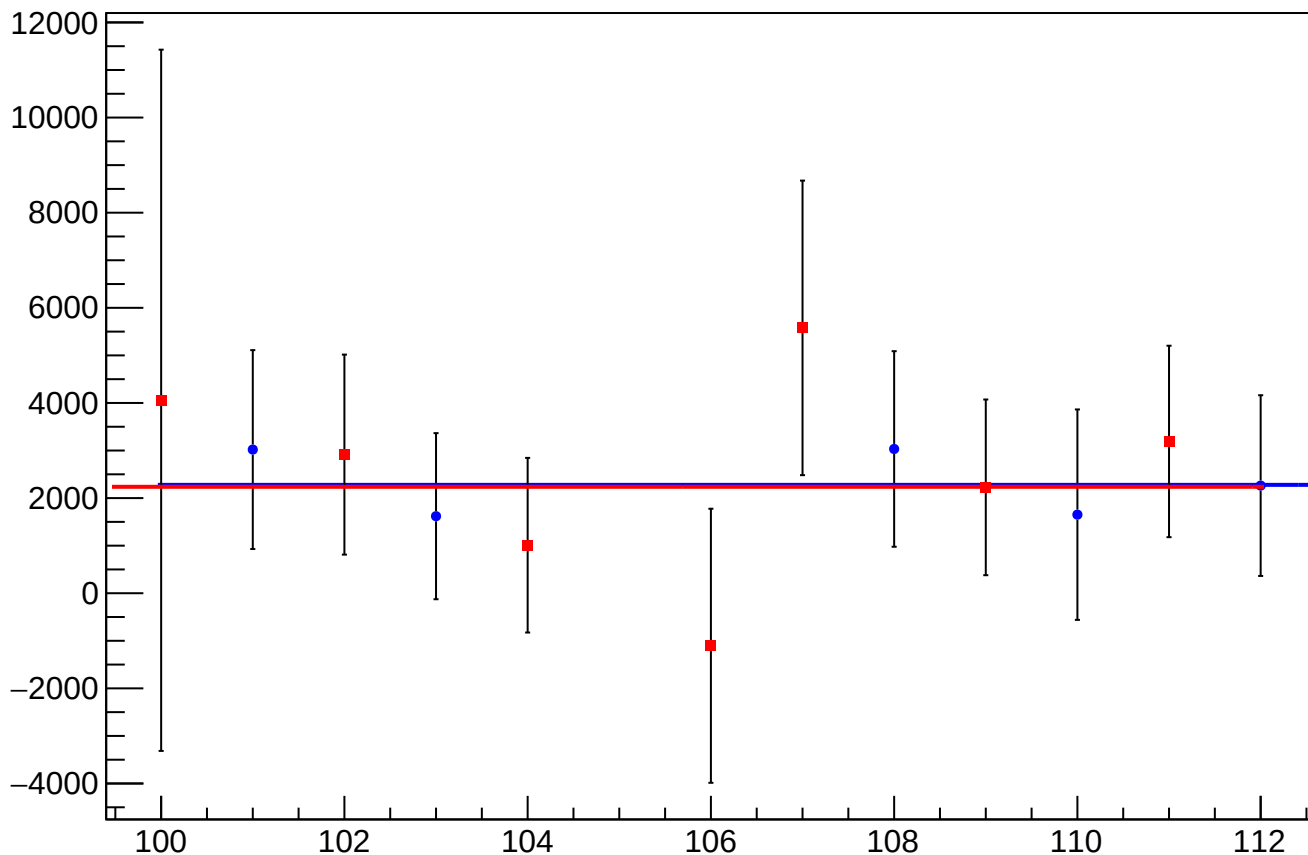
Right: 3733.057+/-1.173 χ^2/NDF : 303222.3/11

In: 3876.399+/-1.748 χ^2/NDF : 128941.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3733.057+/-1.173 χ^2/NDF : 303222.3/11

dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2278.195+/-885.603 χ^2/NDF : 0.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2237.448+/-874.933 χ^2/NDF : 3.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

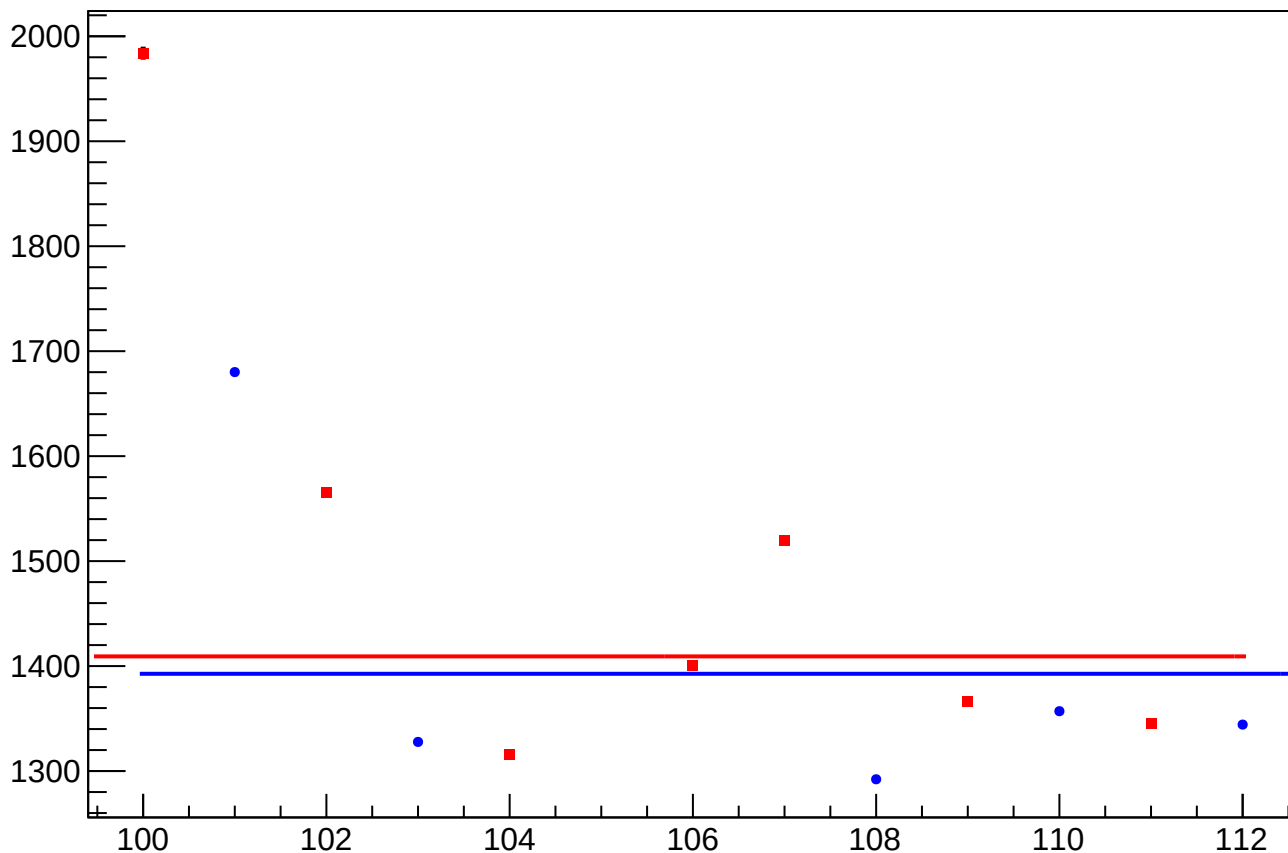
Right: 2257.575+/-622.409 χ^2/NDF : 3.8/11

In: 2278.195+/-885.603 χ^2/NDF : 0.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2257.575+/-622.409 χ^2/NDF : 3.8/11

dit_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1392.657+/-0.626 χ^2/NDF : 47170.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1409.238+/-0.614 χ^2/NDF : 34052.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

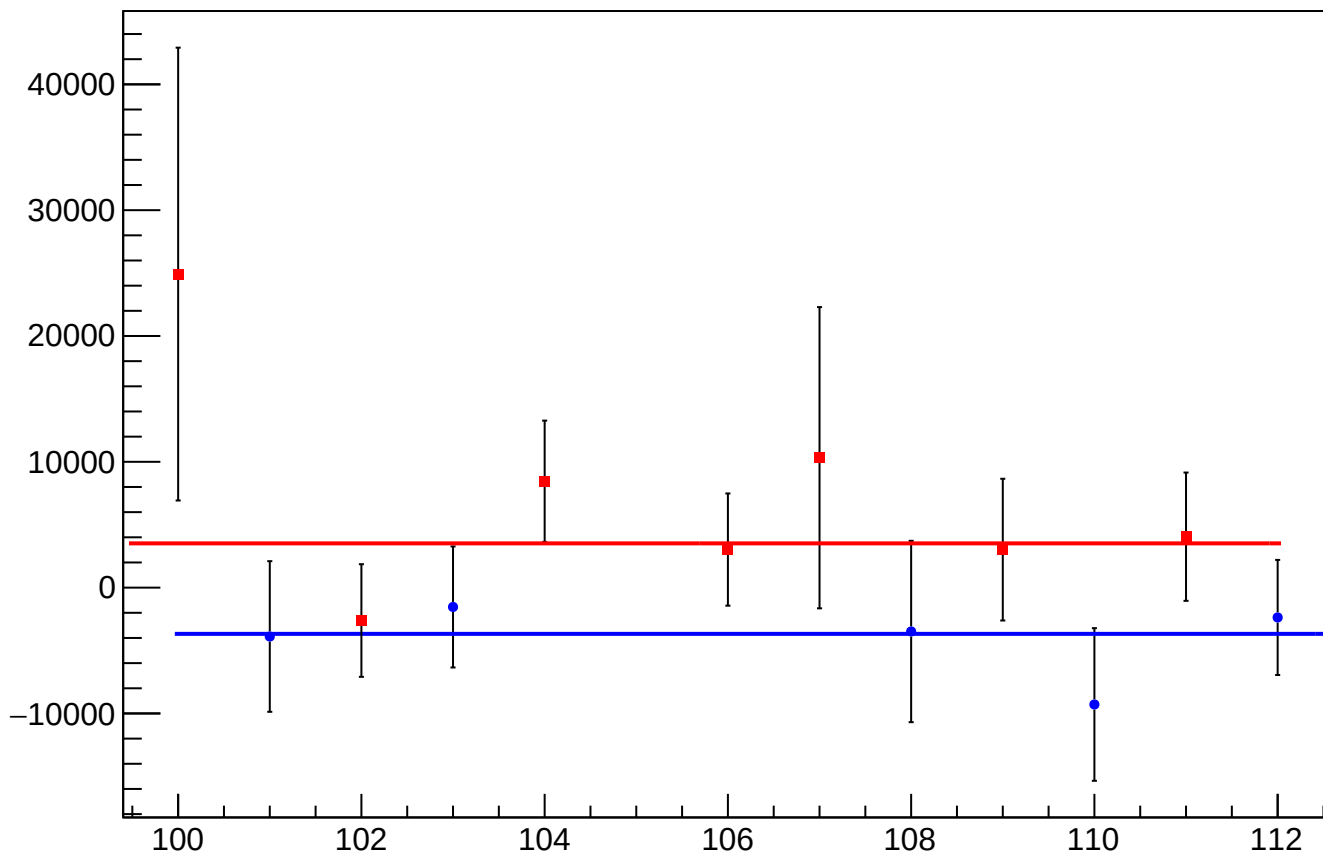
Right: 1401.109+/-0.438 χ^2/NDF : 81580.3/11

In: 1392.657+/-0.626 χ^2/NDF : 47170.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1401.109+/-0.438 χ^2/NDF : 81580.3/11

asym_usl_atl2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -3674.164+/-2459.176 χ^2/NDF : 1.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3518.354+/-2116.103 χ^2/NDF : 4.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

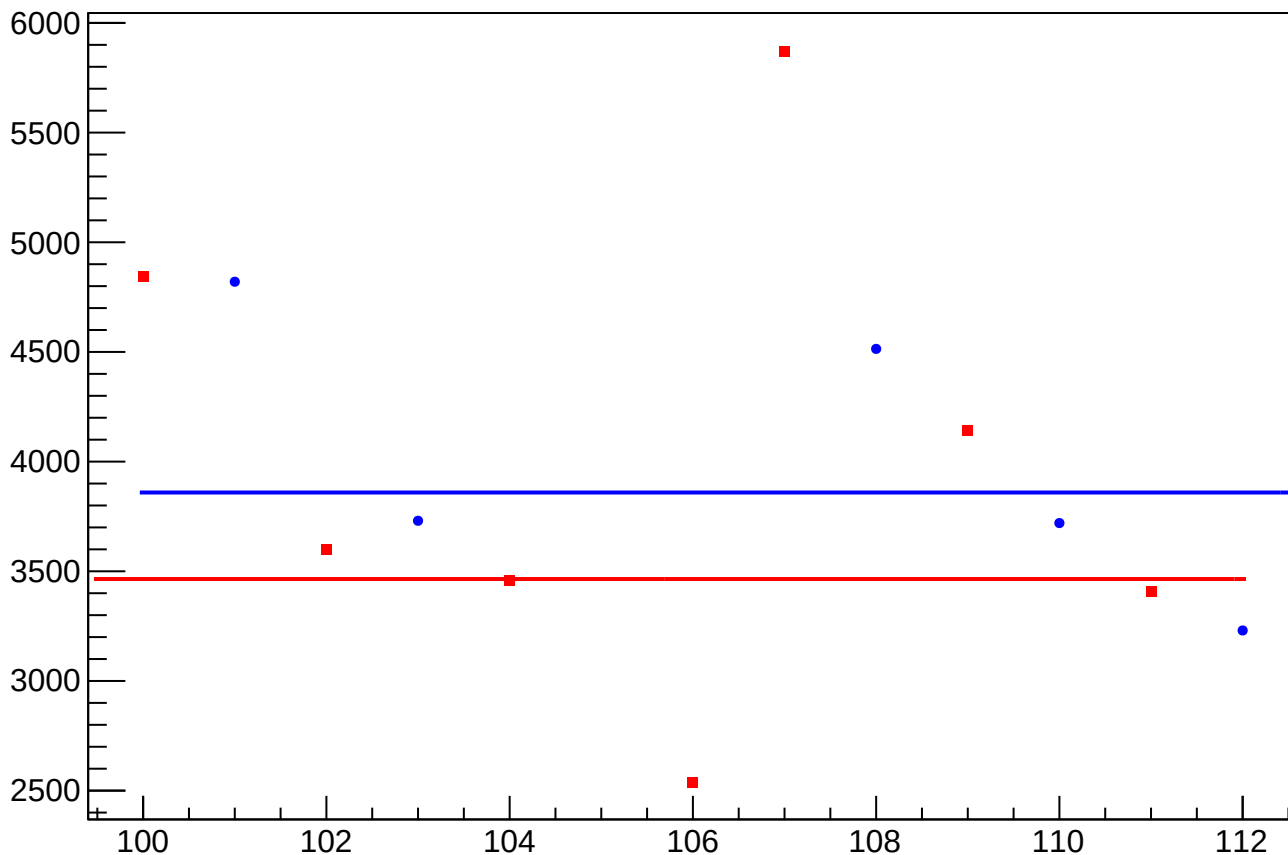
Right: 458.405+/-1604.007 χ^2/NDF : 10.7/11

In: -3674.164+/-2459.176 χ^2/NDF : 1.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 458.405+/-1604.007 χ^2/NDF : 10.7/11

asym_usl_atl2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3859.162+/-1.739 χ^2/NDF : 108345.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3464.799+/-1.496 χ^2/NDF : 209729.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

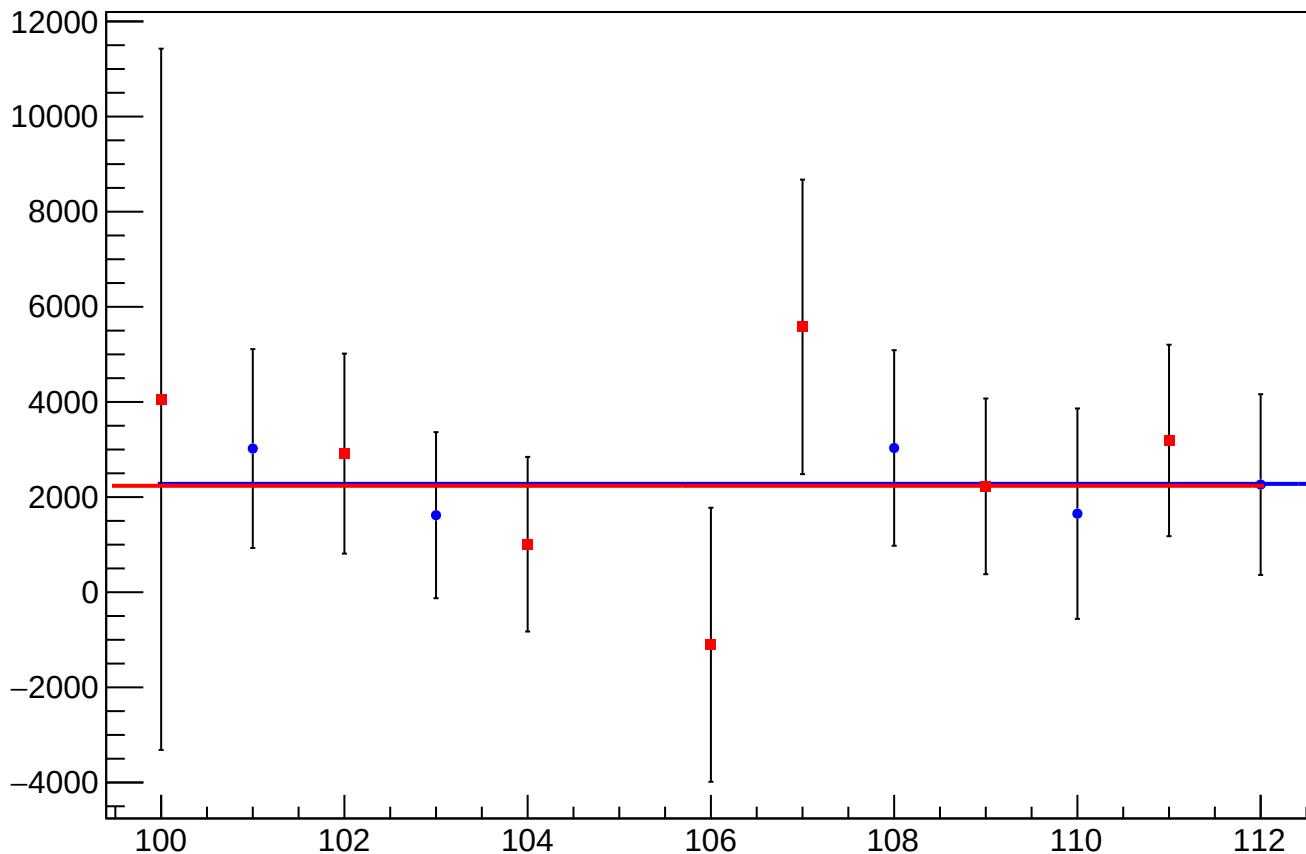
Right: 3632.575+/-1.134 χ^2/NDF : 347626.5/11

In: 3859.162+/-1.739 χ^2/NDF : 108345.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3632.575+/-1.134 χ^2/NDF : 347626.5/11

eigen_dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2278.205+/-885.603 χ^2/NDF : 0.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2237.448+/-874.933 χ^2/NDF : 3.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

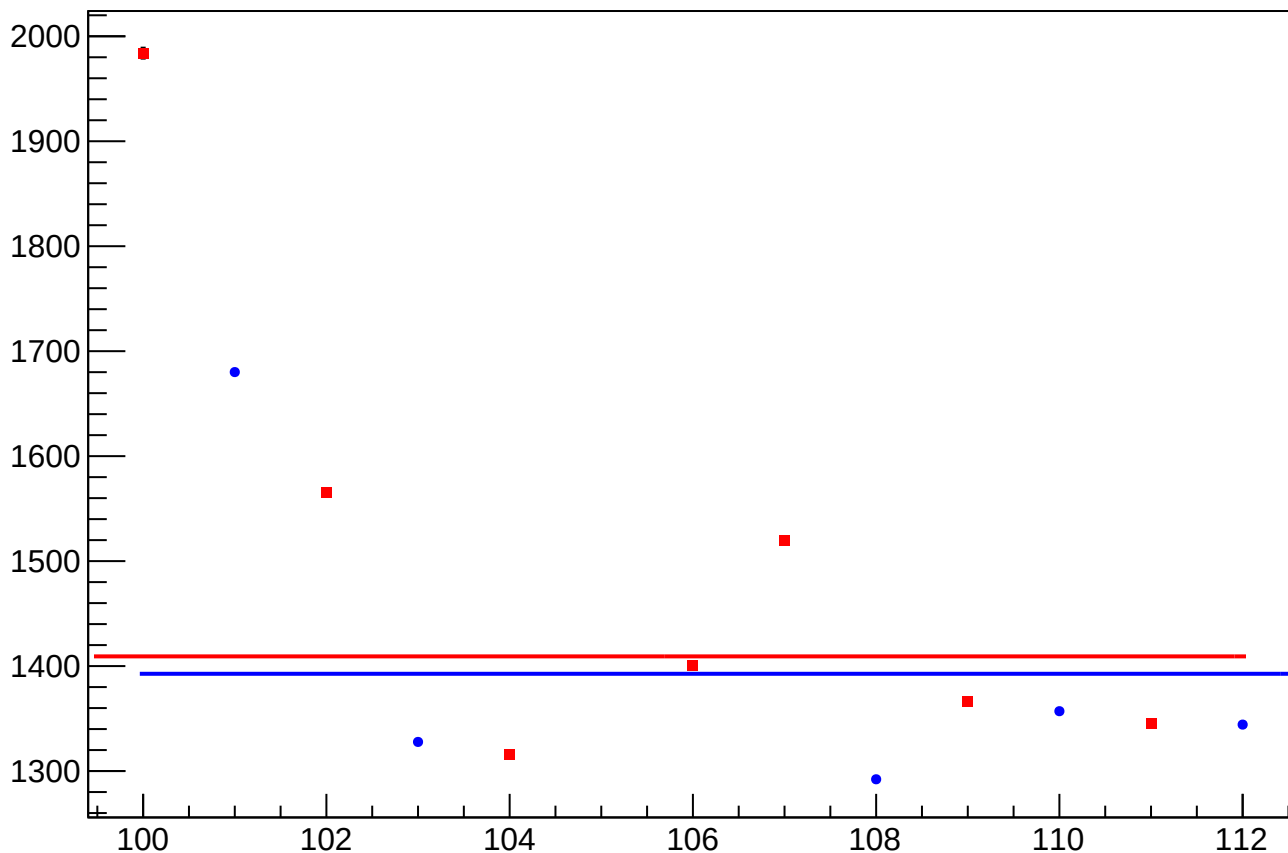
Right: 2257.579+/-622.409 χ^2/NDF : 3.8/11

In: 2278.205+/-885.603 χ^2/NDF : 0.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2257.579+/-622.409 χ^2/NDF : 3.8/11

eigen_dit_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1392.657+/-0.626 χ^2/NDF : 47170.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1409.238+/-0.614 χ^2/NDF : 34052.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

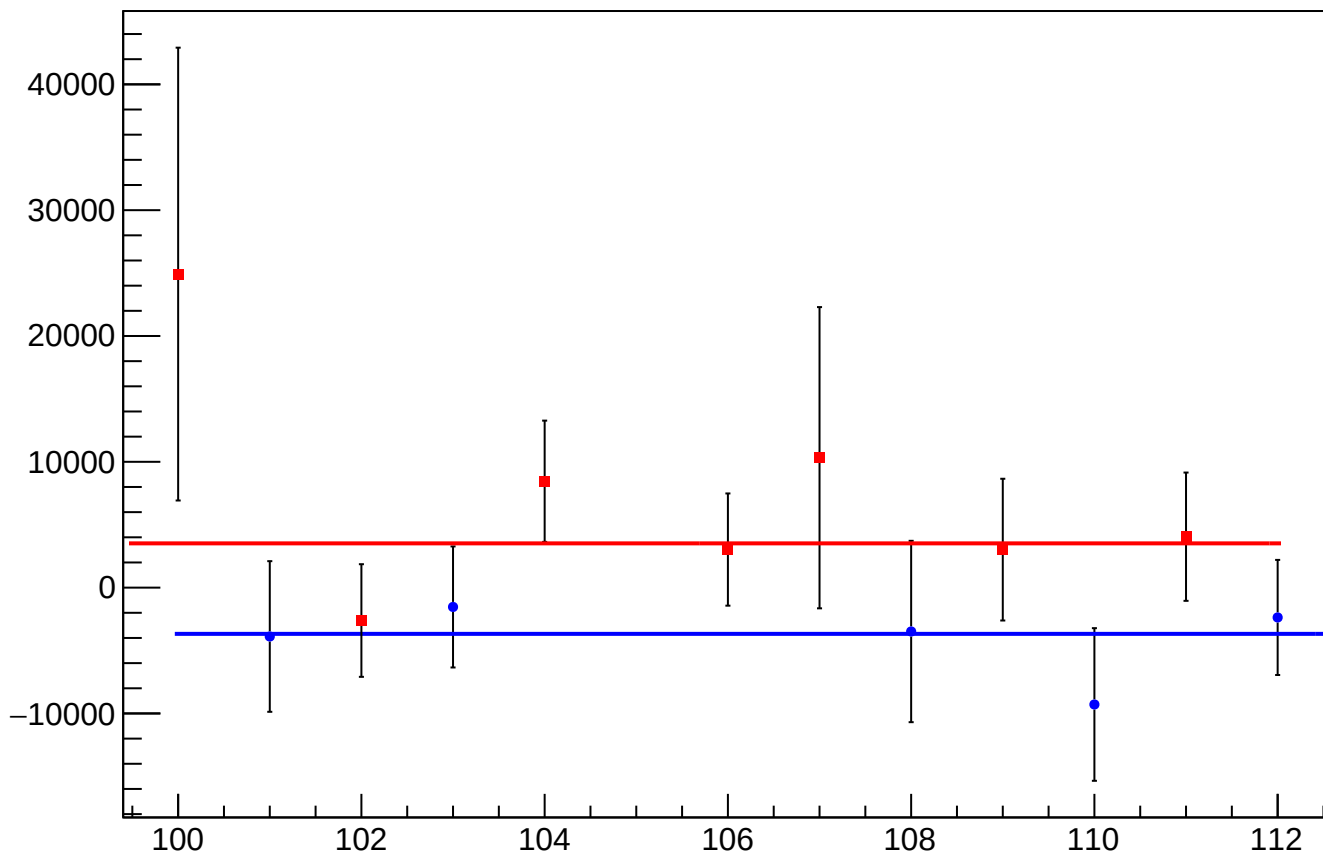
Right: 1401.109+/-0.438 χ^2/NDF : 81580.1/11

In: 1392.657+/-0.626 χ^2/NDF : 47170.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1401.109+/-0.438 χ^2/NDF : 81580.1/11

asym_usl_atl2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -3674.157+/-2459.171 χ^2/NDF : 1.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3518.353+/-2116.099 χ^2/NDF : 4.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

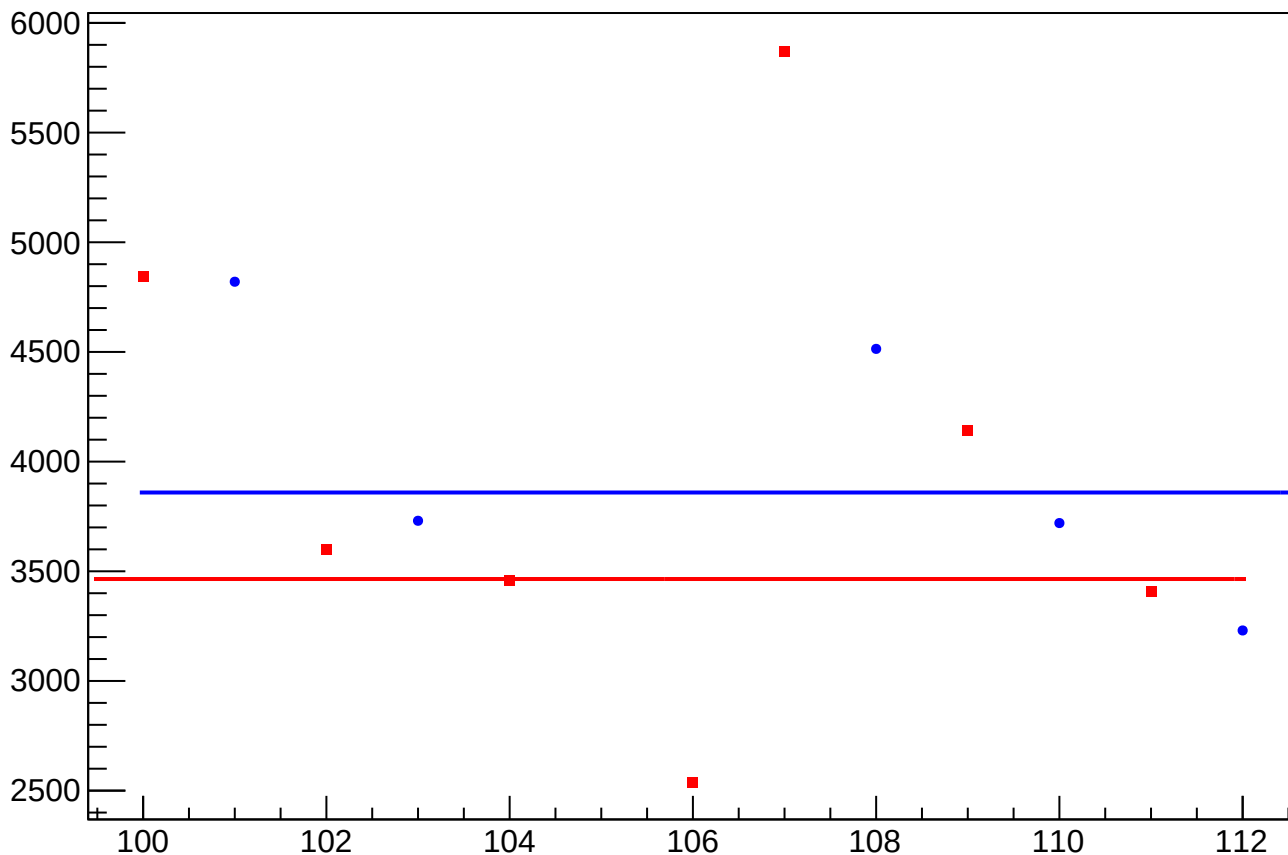
Right: 458.406+/-1604.004 χ^2/NDF : 10.7/11

In: -3674.157+/-2459.171 χ^2/NDF : 1.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 458.406+/-1604.004 χ^2/NDF : 10.7/11

asym_usl_atl2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3859.154+/-1.739 χ^2/NDF : 108345.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3464.793+/-1.496 χ^2/NDF : 209729.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

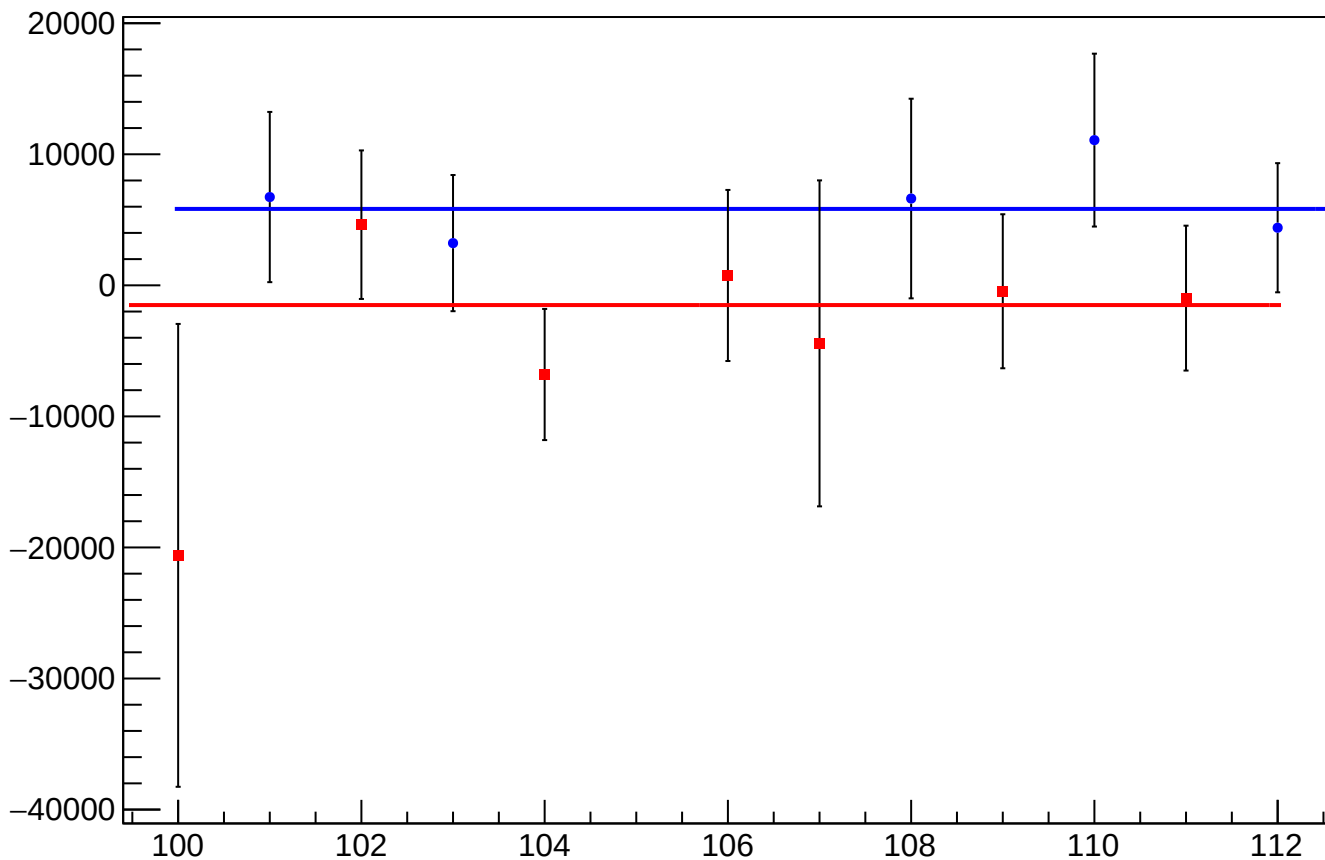
Right: 3632.568+/-1.134 χ^2/NDF : 347626.5/11

In: 3859.154+/-1.739 χ^2/NDF : 108345.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3632.568+/-1.134 χ^2/NDF : 347626.5/11

asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 5830.791+/-2652.138 χ^2/NDF : 1.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1505.718+/-2454.938 χ^2/NDF : 3.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

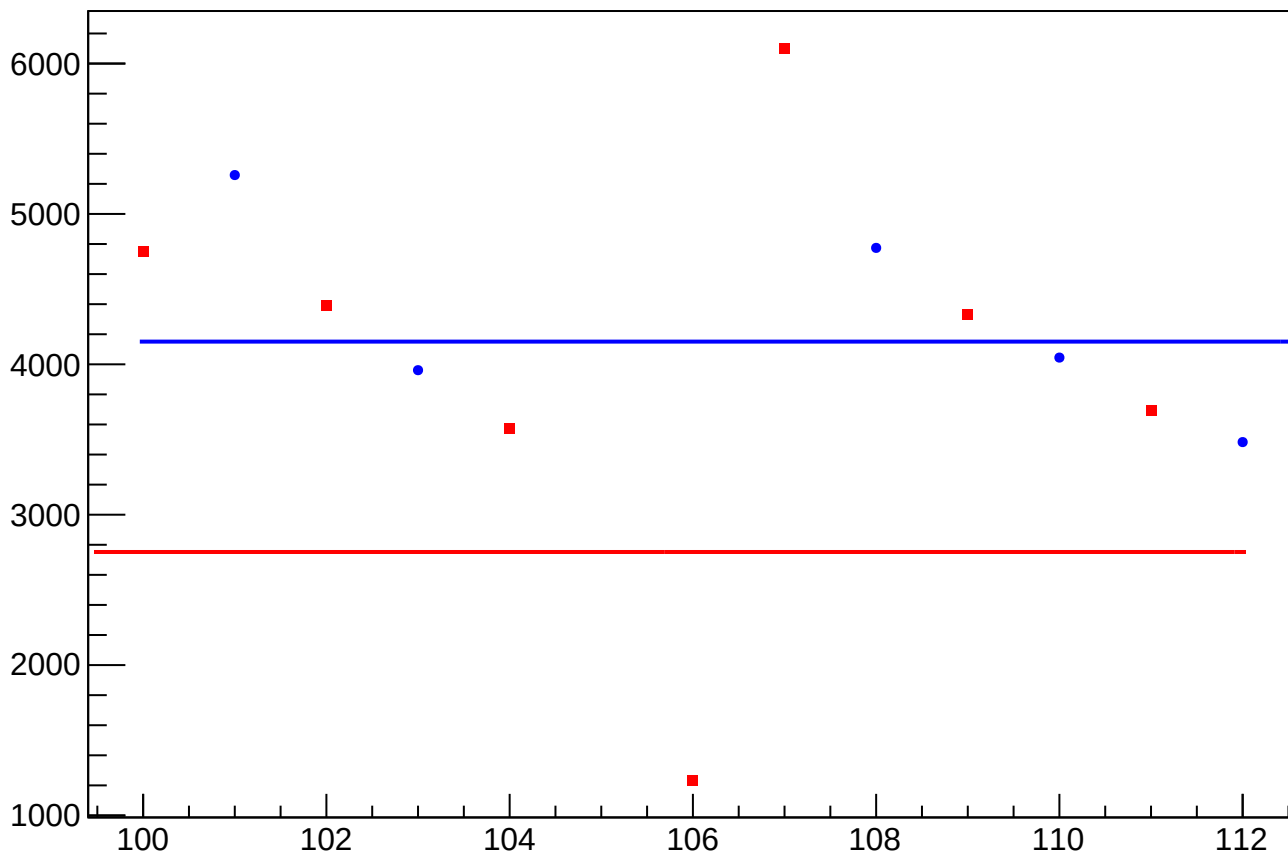
Right: 1879.673+/-1801.589 χ^2/NDF : 8.8/11

In: 5830.791+/-2652.138 χ^2/NDF : 1.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1879.673+/-1801.589 χ^2/NDF : 8.8/11

asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 4151.051+/-1.875 χ^2/NDF : 111527.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2752.047+/-1.370 χ^2/NDF : 1165408.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

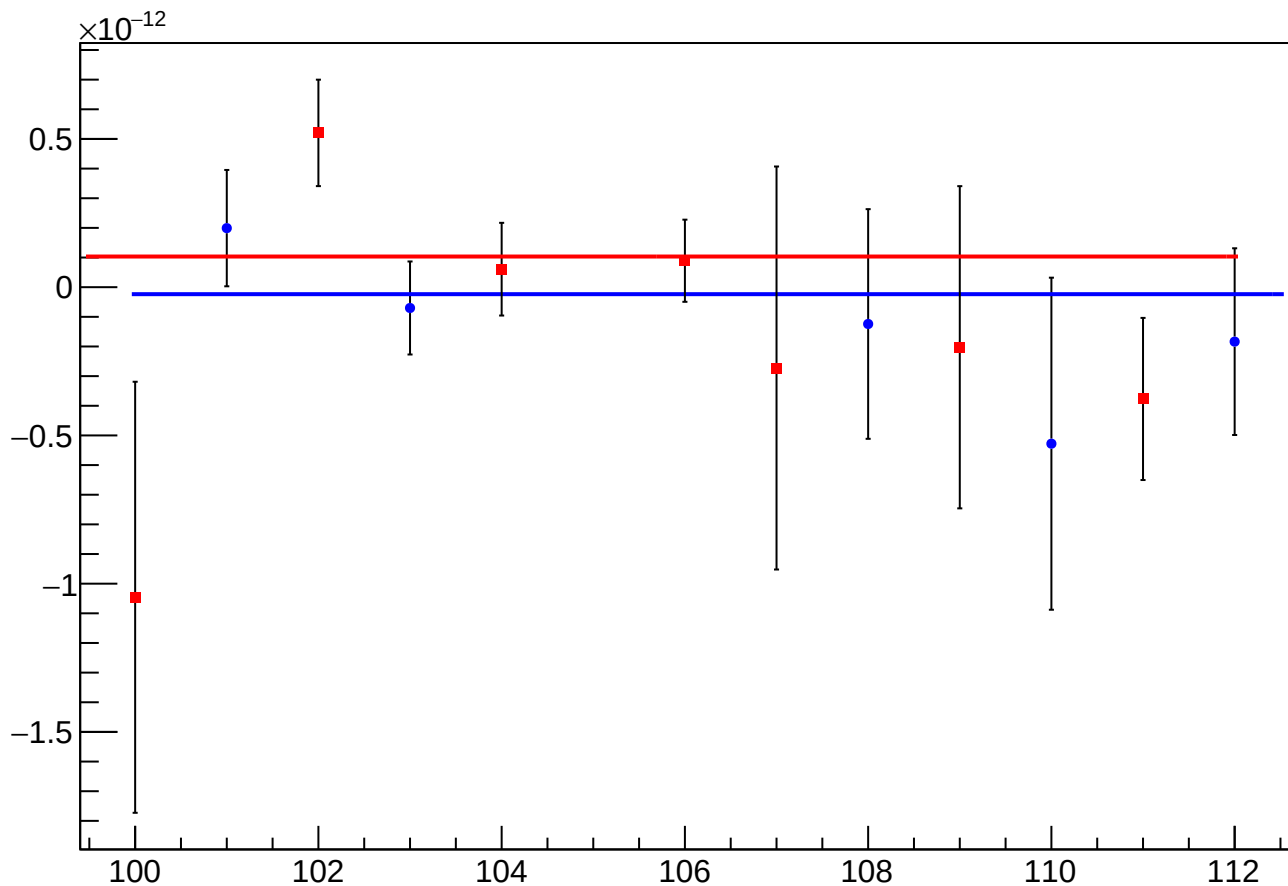
Right: 3238.890+/-1.106 χ^2/NDF : 1639791.8/11

In: 4151.051+/-1.875 χ^2/NDF : 111527.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3238.890+/-1.106 χ^2/NDF : 1639791.8/11

asym_usl_atl2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

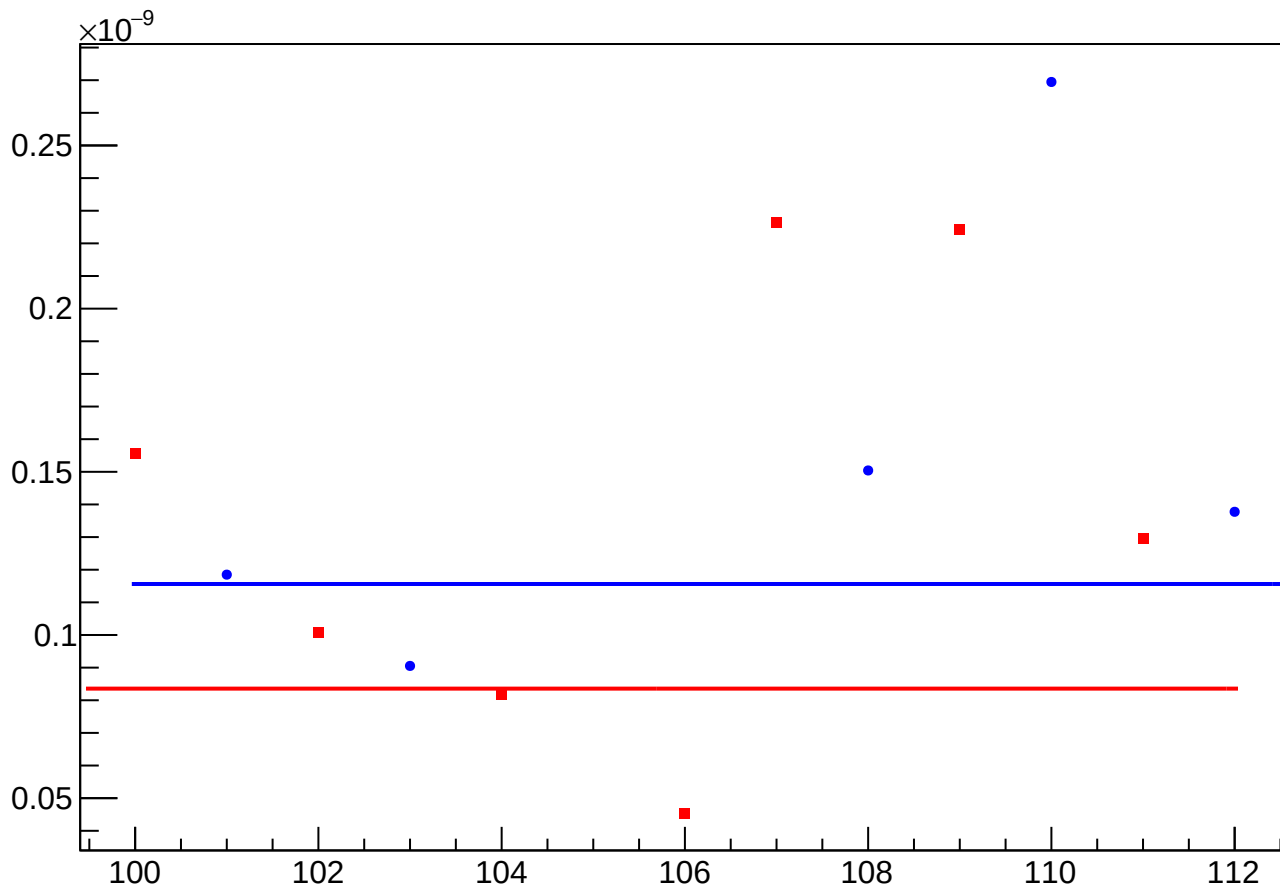
Right: 0.000+/-0.000 χ^2/NDF : 15.1/11

In: -0.000+/-0.000 χ^2/NDF : 2.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.1/11

asym_usl_atl2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 228575.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 469814.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

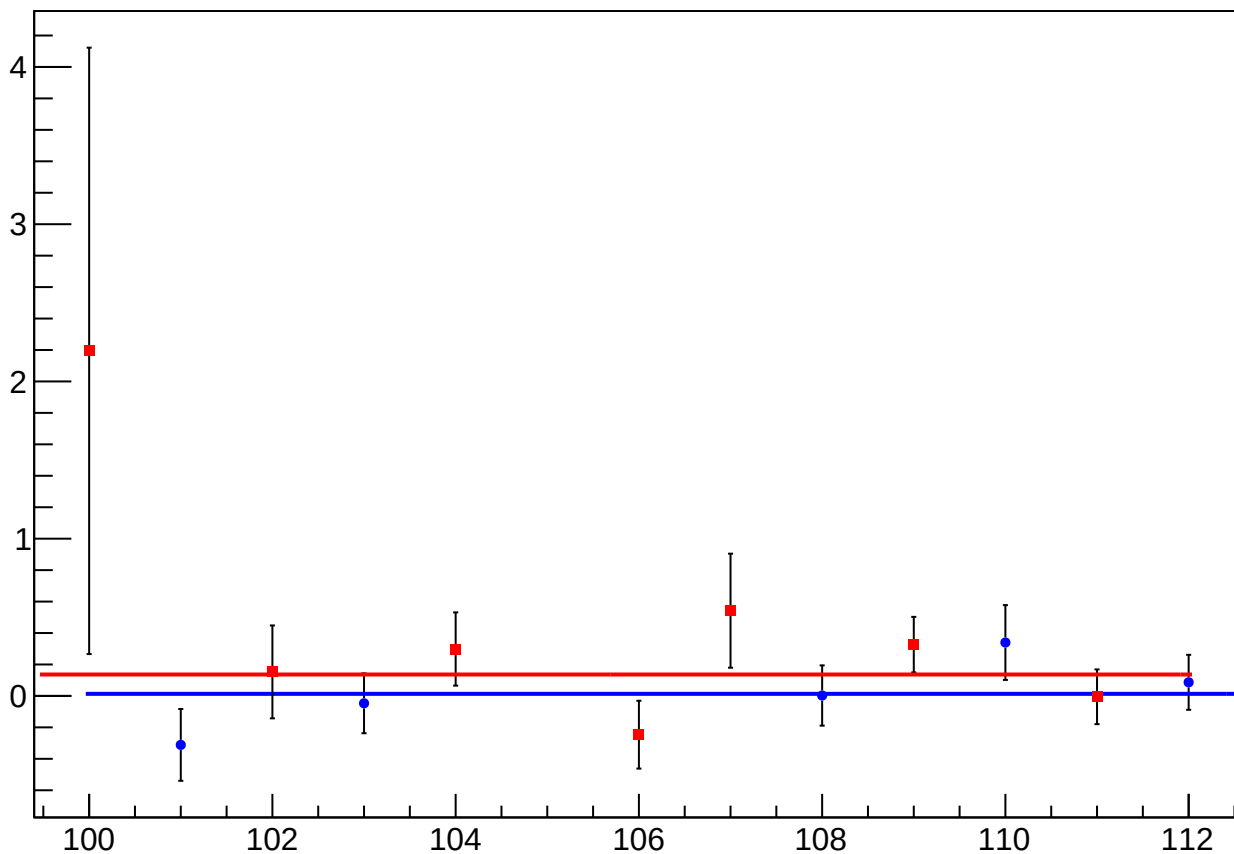
Right: 0.000+/-0.000 χ^2/NDF : 809760.9/11

In: 0.000+/-0.000 χ^2/NDF : 228575.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 809760.9/11

asym_usl_atl2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.090 χ^2 /NDF: 4.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.136 $\pm$ 0.090 χ^2 /NDF: 7.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

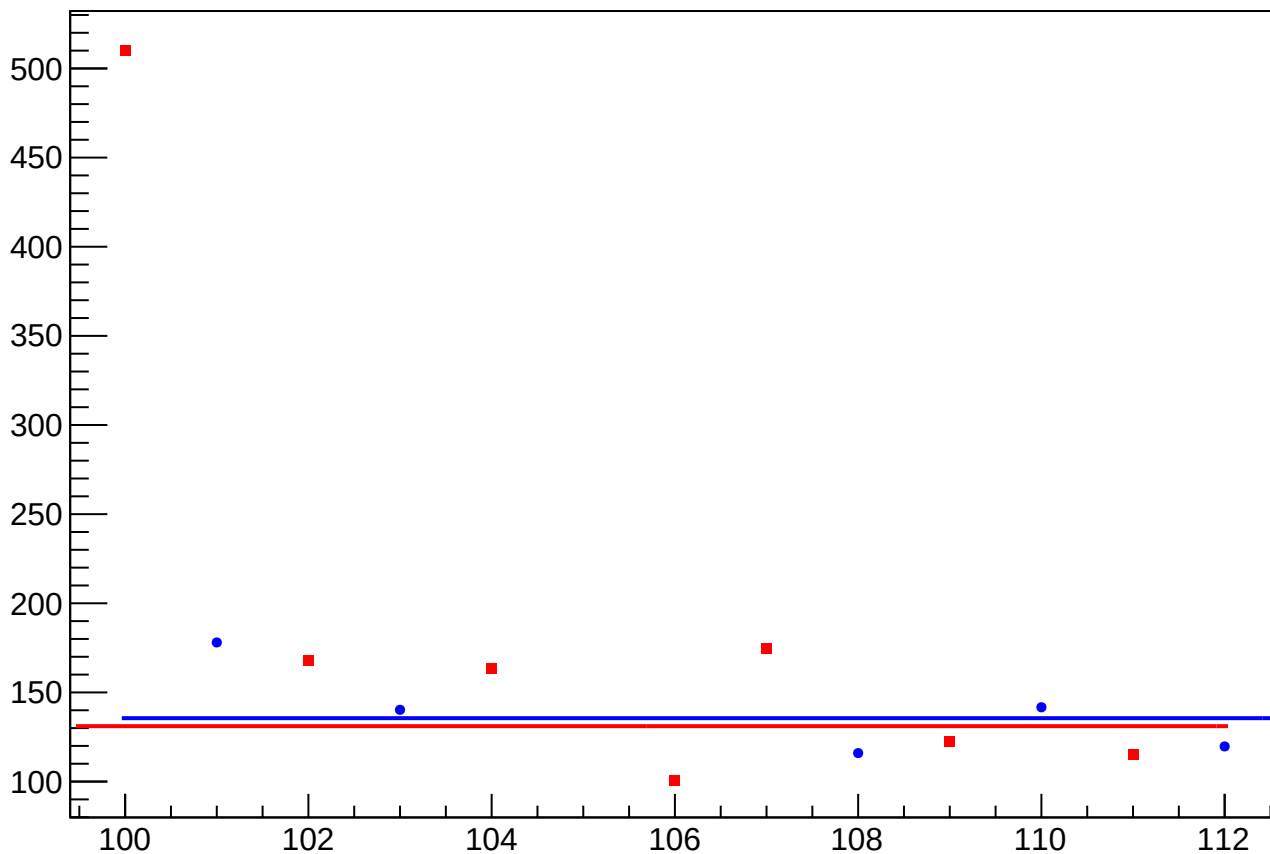
Right: 0.075 $\pm$ 0.063 χ^2 /NDF: 13.0/11

In: 0.013 $\pm$ 0.090 χ^2 /NDF:4.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.075 $\pm$ 0.063 χ^2 /NDF: 13.0/11

asym_usl_atl2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 135.560+/-0.063 χ^2/NDF : 109084.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 131.079+/-0.063 χ^2/NDF : 236223.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

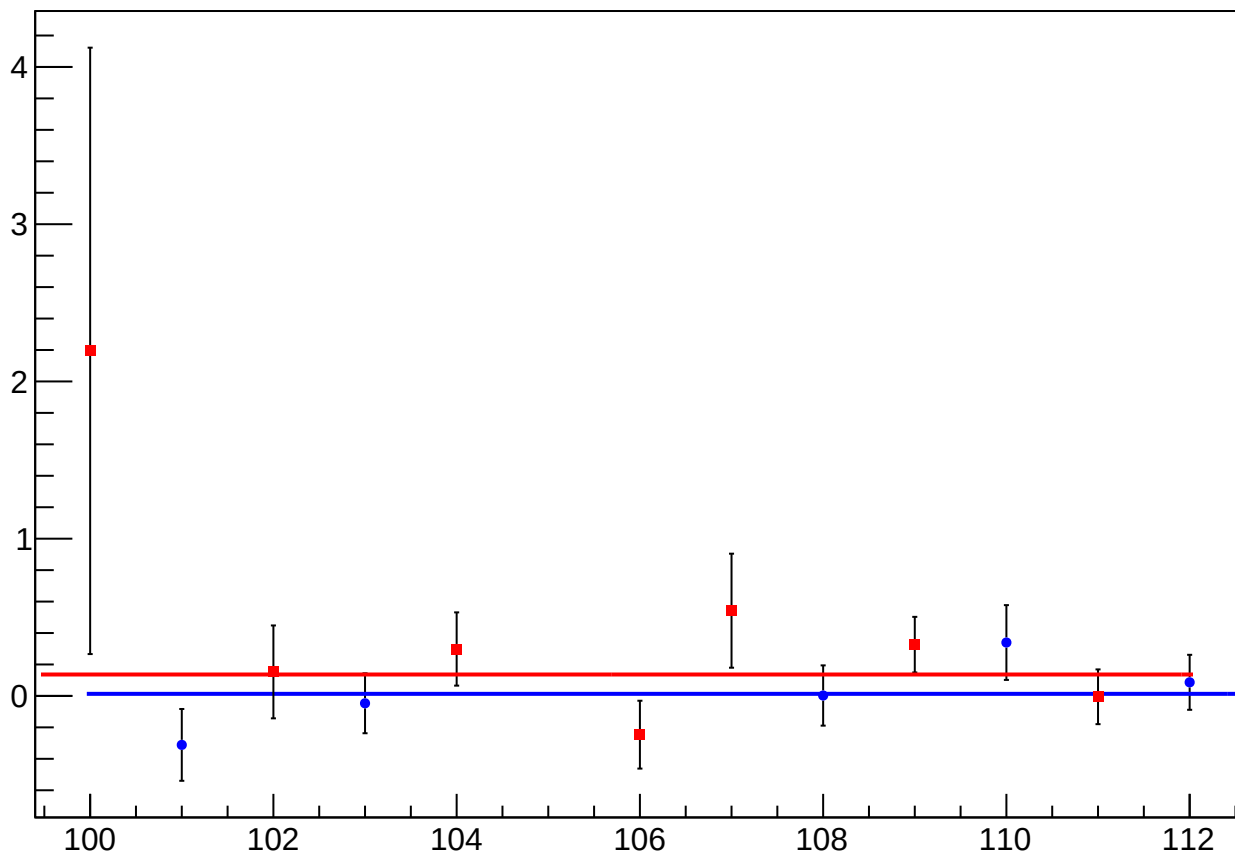
Right: 133.320+/-0.045 χ^2/NDF : 347804.3/11

In: 135.560+/-0.063 χ^2/NDF : 109084.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.320+/-0.045 χ^2/NDF : 347804.3/11

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.090 χ^2/NDF : 4.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.136 $\pm$ 0.090 χ^2/NDF : 7.8/6

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

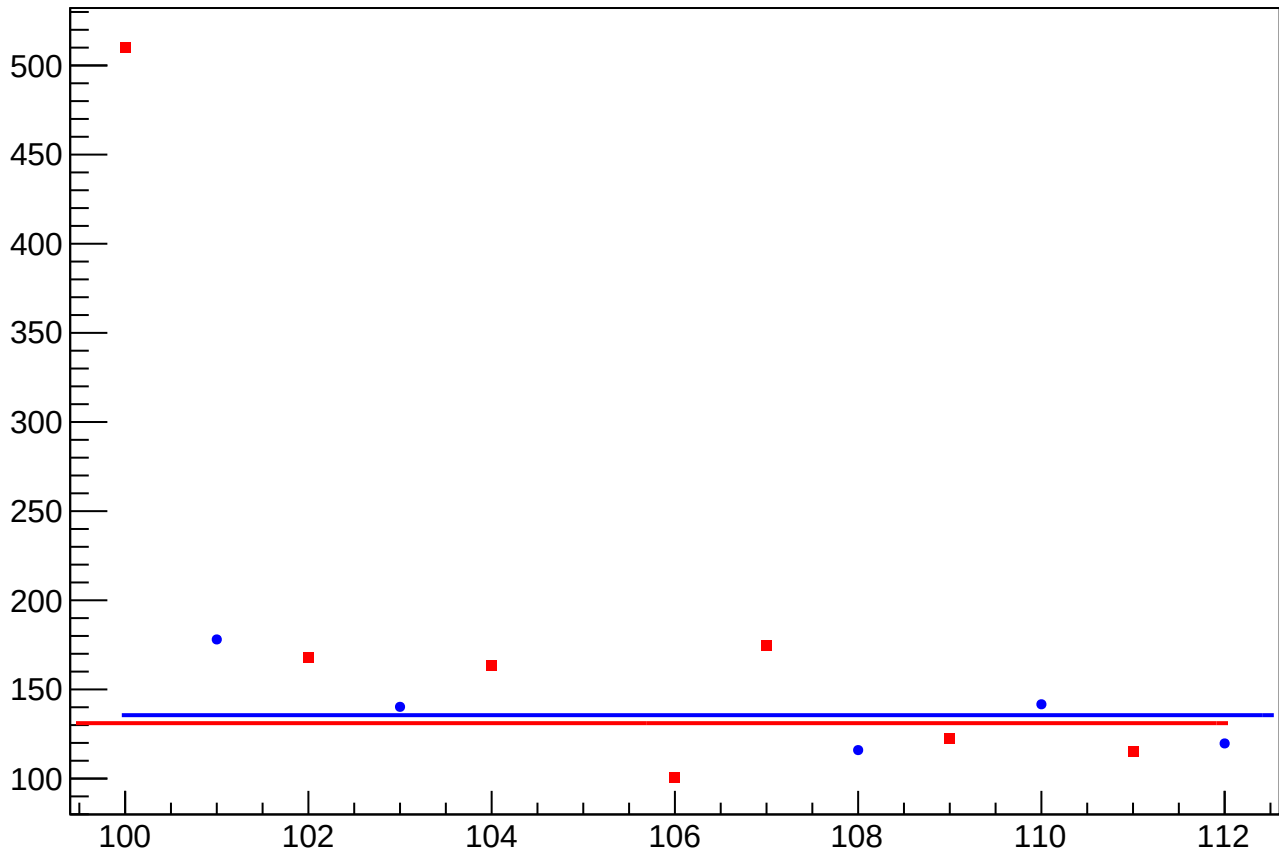
Right: 0.075 $\pm$ 0.063 χ^2/NDF : 13.0/11

In: 0.013 $\pm$ 0.090 χ^2/NDF : 4.2/4

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.075 $\pm$ 0.063 χ^2/NDF : 13.0/11

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 135.560+/-0.063 χ^2/NDF : 109084.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 131.079+/-0.063 χ^2/NDF : 236223.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

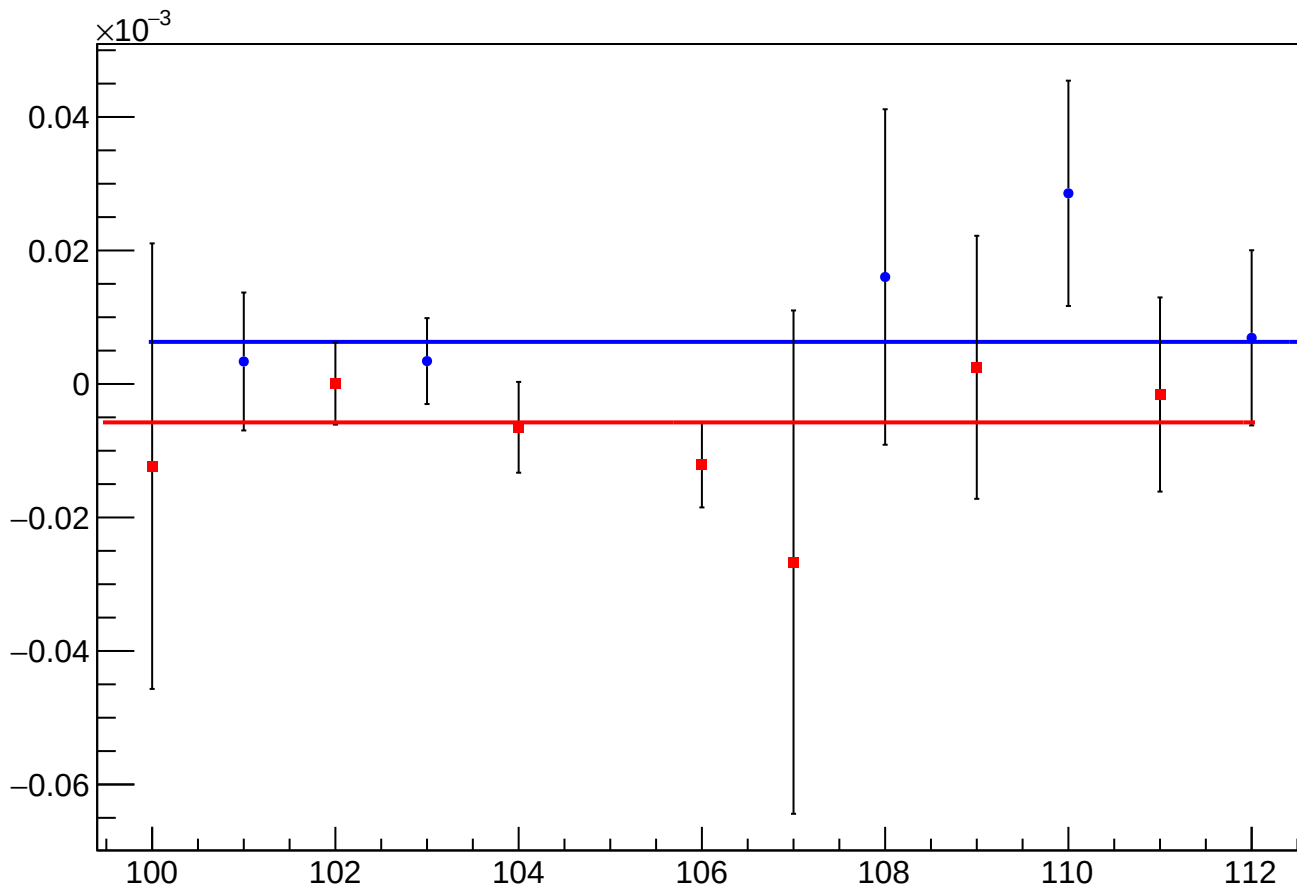
Right: 133.320+/-0.045 χ^2/NDF : 347804.3/11

In: 135.560+/-0.063 χ^2/NDF : 109084.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.320+/-0.045 χ^2/NDF : 347804.3/11

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

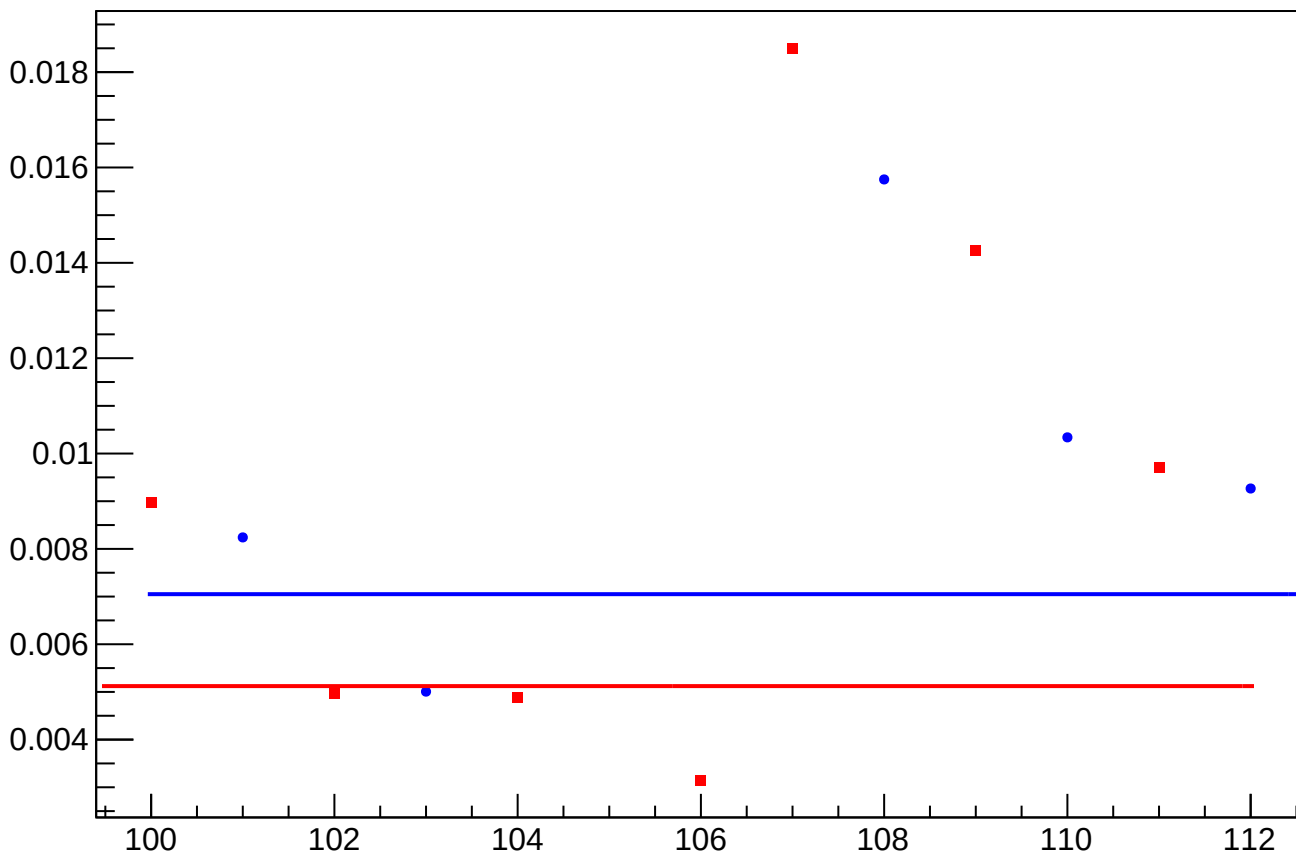
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.9/11

In: 0.000 $\pm$ 0.000 χ^2 /NDF:2.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.9/11

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 600948.1/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1105926.6/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

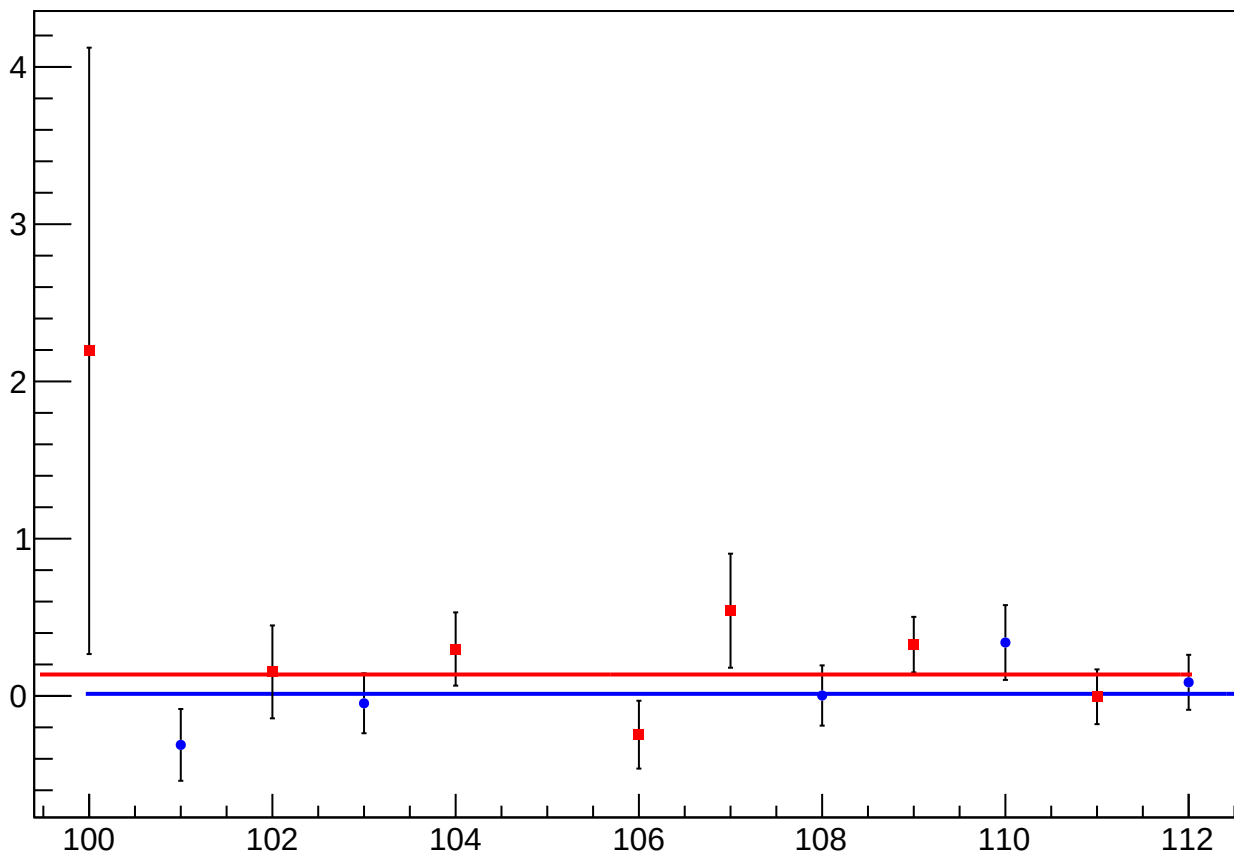
Right: 0.006+/-0.000 χ^2/NDF : 1920731.1/11

In: 0.007+/-0.000 χ^2/NDF :600948.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1920731.1/11

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.090 χ^2/NDF : 4.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.136 $\pm$ 0.090 χ^2/NDF : 7.8/6

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

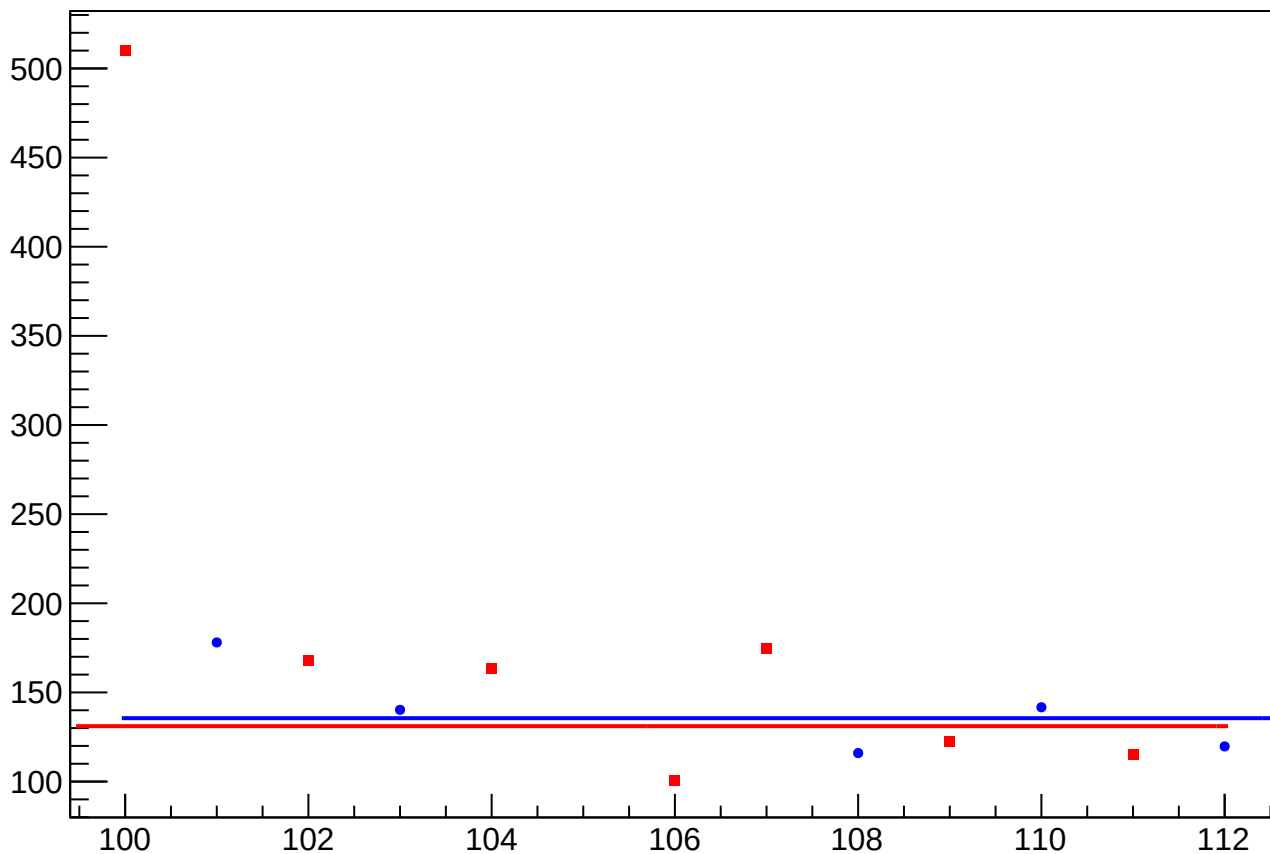
Right: 0.075 $\pm$ 0.063 χ^2/NDF : 13.0/11

In: 0.013 $\pm$ 0.090 χ^2/NDF : 4.2/4

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.075 $\pm$ 0.063 χ^2/NDF : 13.0/11

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 135.564 $\pm$ 0.063 χ^2 /NDF: 109050.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 131.081 $\pm$ 0.063 χ^2 /NDF: 236217.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

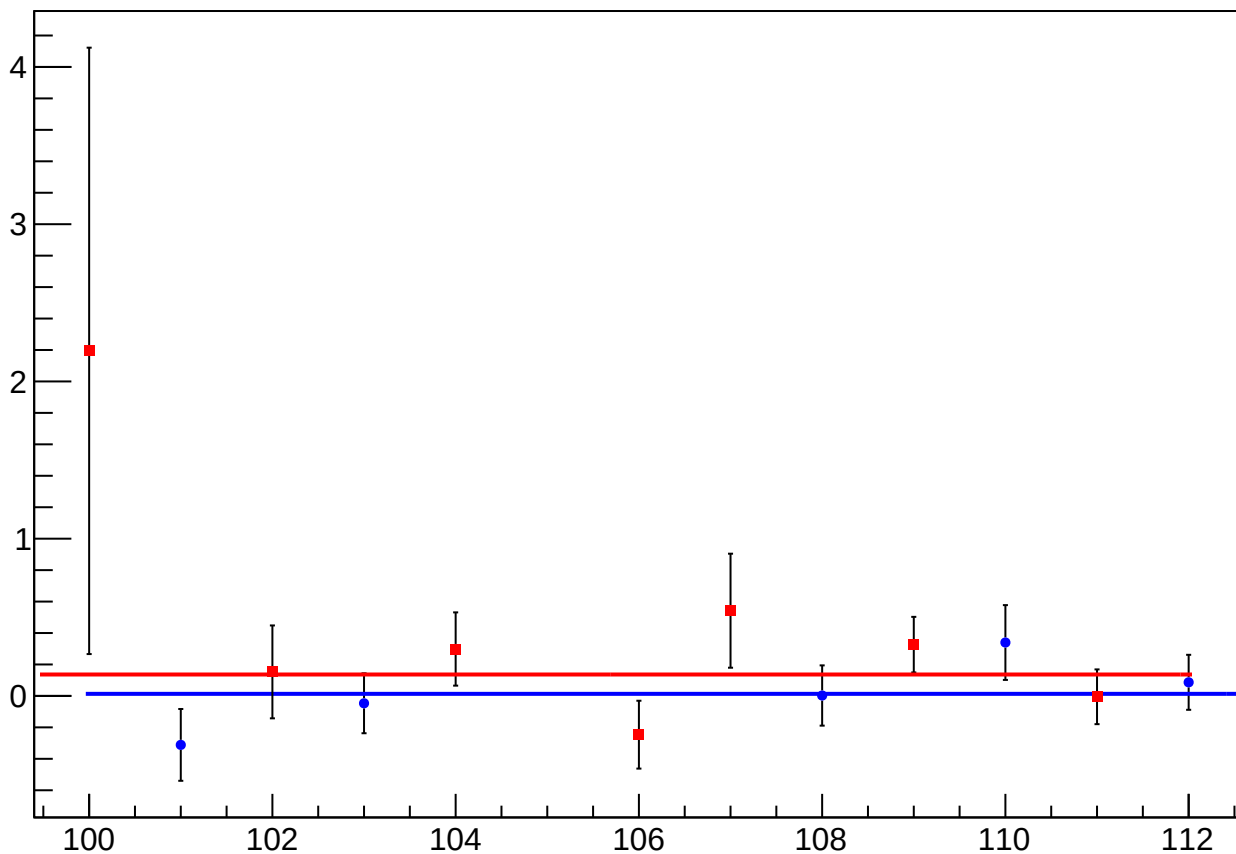
Right: 133.323 $\pm$ 0.045 χ^2 /NDF: 347766.6/11

In: 135.564 $\pm$ 0.063 χ^2 /NDF:109050.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 133.323 $\pm$ 0.045 χ^2 /NDF: 347766.6/11

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.090 χ^2 /NDF: 4.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.136 $\pm$ 0.090 χ^2 /NDF: 7.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

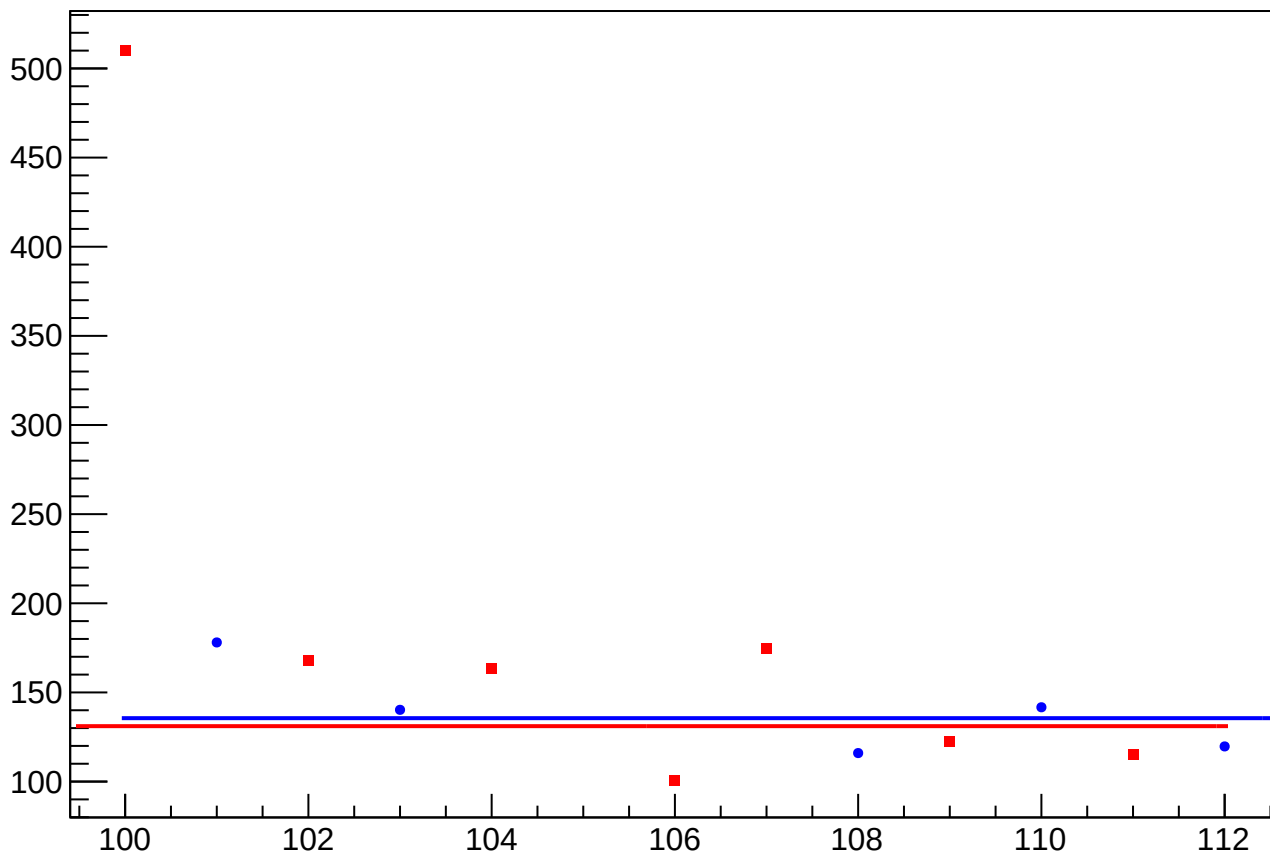
Right: 0.075 $\pm$ 0.063 χ^2 /NDF: 13.0/11

In: 0.013 $\pm$ 0.090 χ^2 /NDF:4.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.075 $\pm$ 0.063 χ^2 /NDF: 13.0/11

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 135.564+/-0.063 χ^2/NDF : 109050.9/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 131.081+/-0.063 χ^2/NDF : 236217.7/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

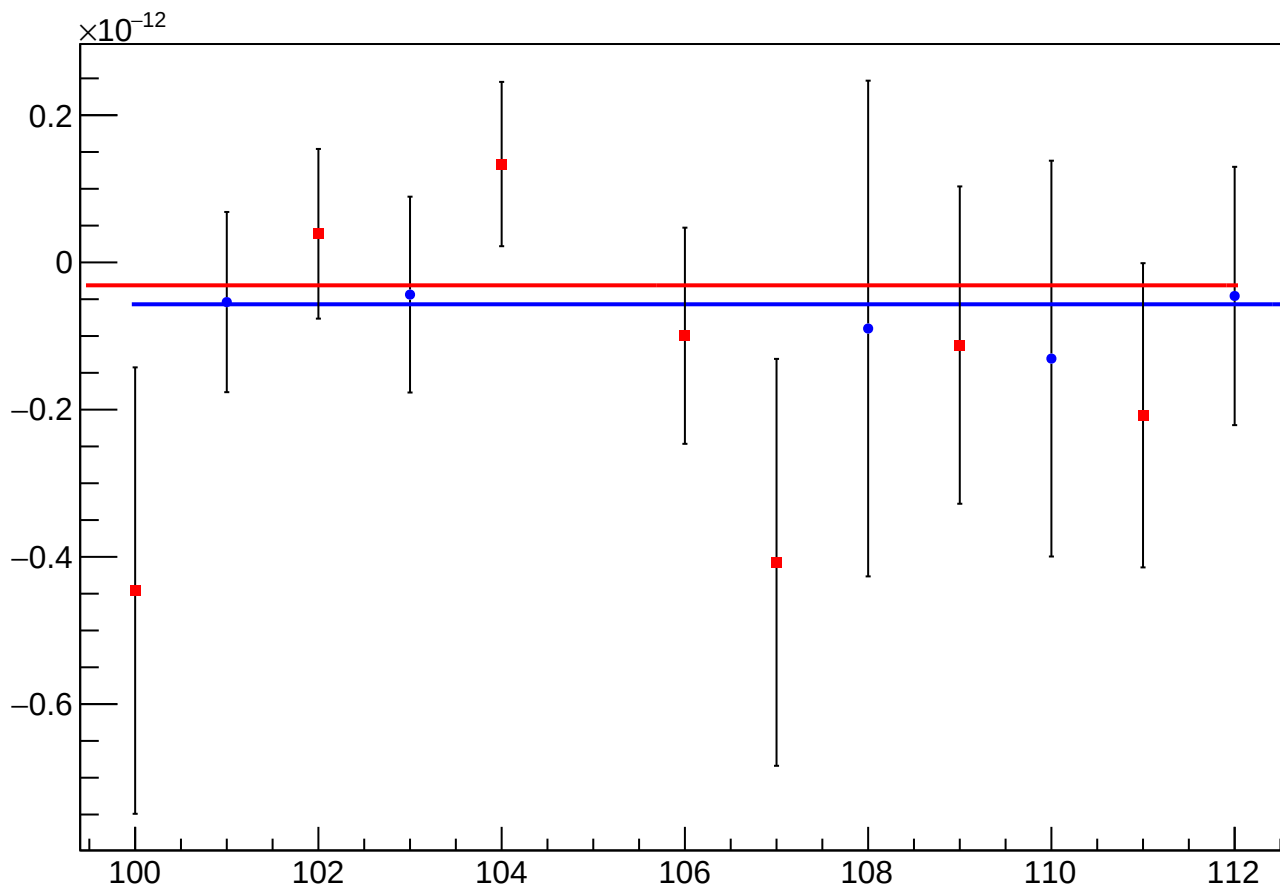
Right: 133.323+/-0.045 χ^2/NDF : 347766.6/11

In: 135.564+/-0.063 χ^2/NDF :109050.9/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 133.323+/-0.045 χ^2/NDF : 347766.6/11

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

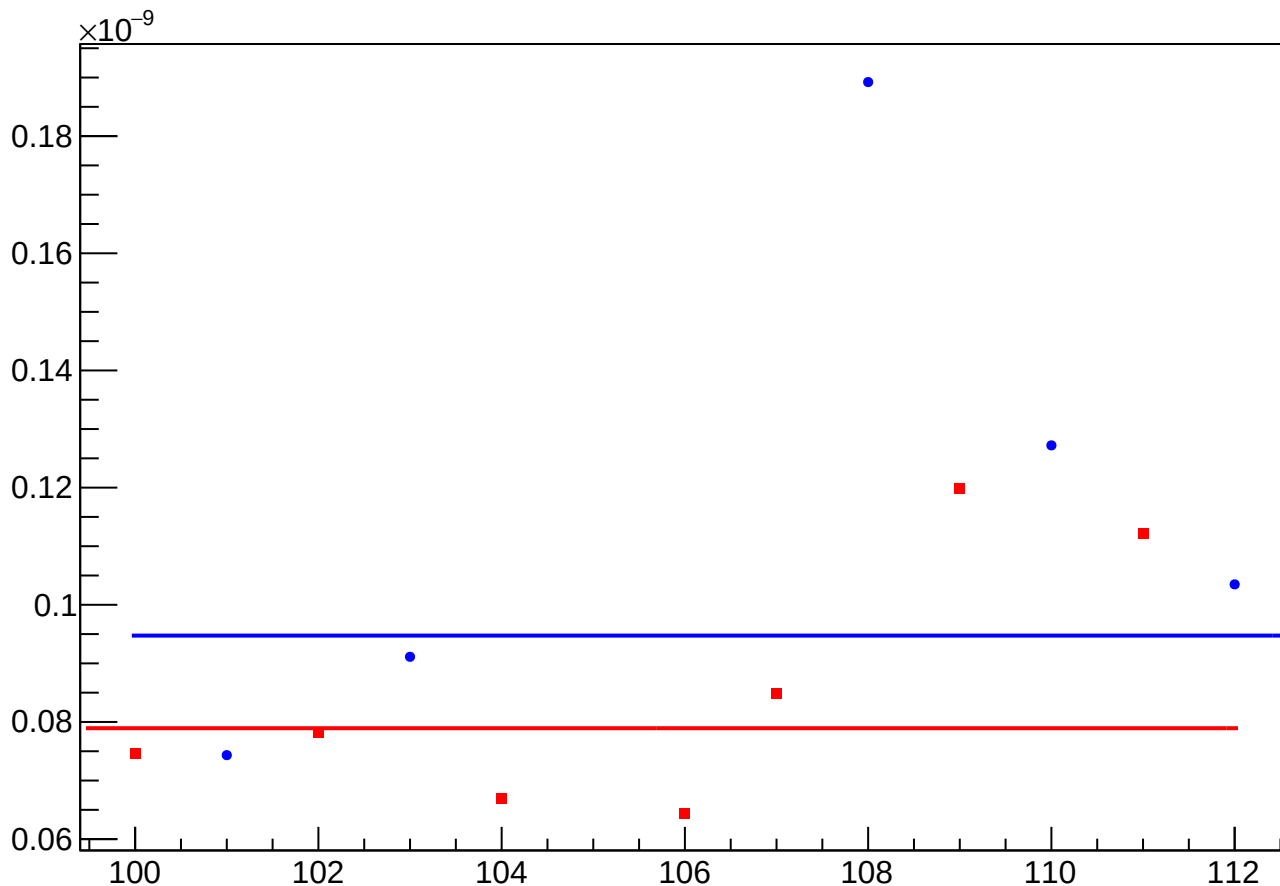
Right: -0.000+/-0.000 χ^2/NDF : 7.5/11

In: -0.000+/-0.000 χ^2/NDF : 0.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.5/11

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 248708.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 167818.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

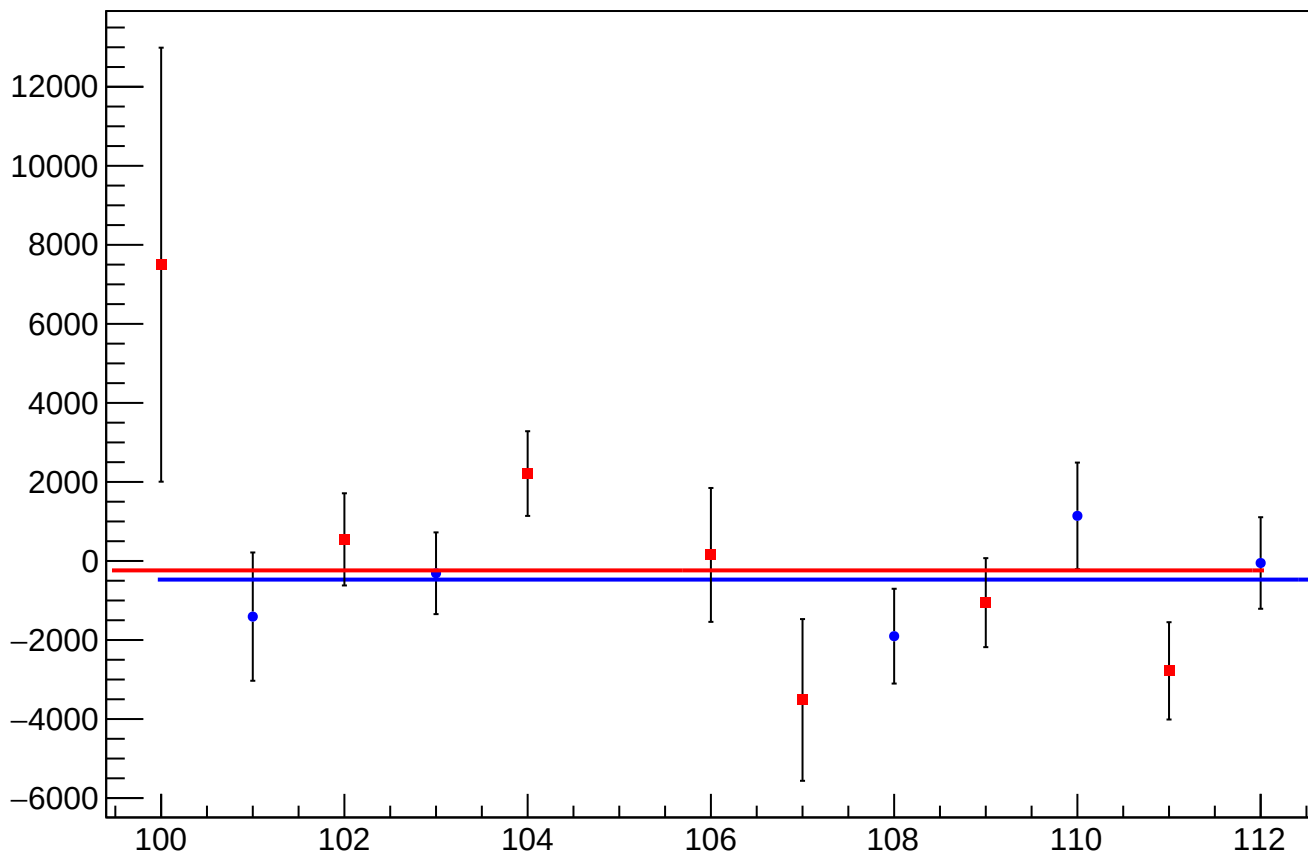
Right: 0.000+/-0.000 χ^2/NDF : 470293.9/11

In: 0.000+/-0.000 χ^2/NDF : 248708.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 470293.9/11

reg_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -471.315+/-550.059 χ^2/NDF : 3.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -238.374+/-521.663 χ^2/NDF : 15.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

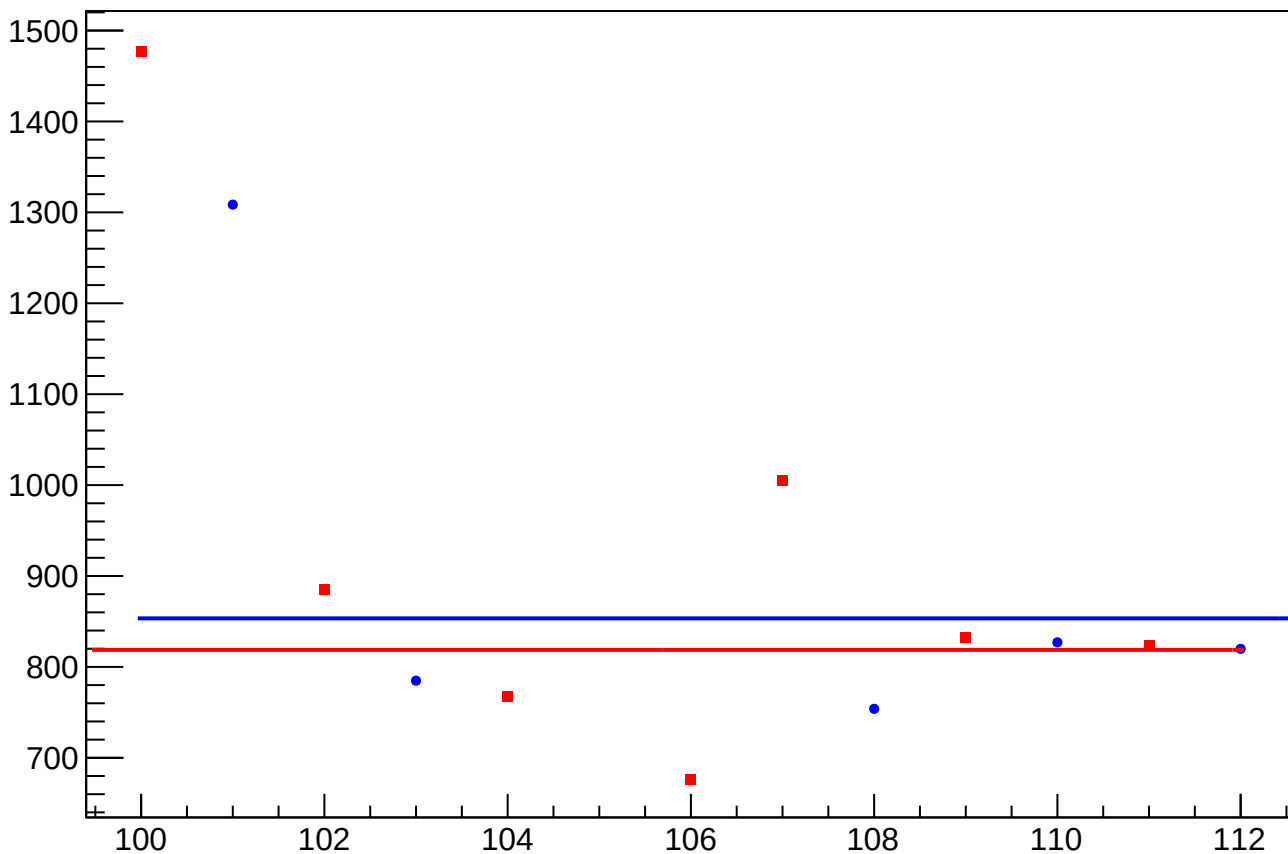
Right: -348.677+/-378.512 χ^2/NDF : 18.5/11

In: -471.315+/-550.059 χ^2/NDF : 3.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -348.677+/-378.512 χ^2/NDF : 18.5/11

reg_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 853.387+/-0.389 χ^2/NDF : 182193.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 818.723+/-0.357 χ^2/NDF : 80834.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

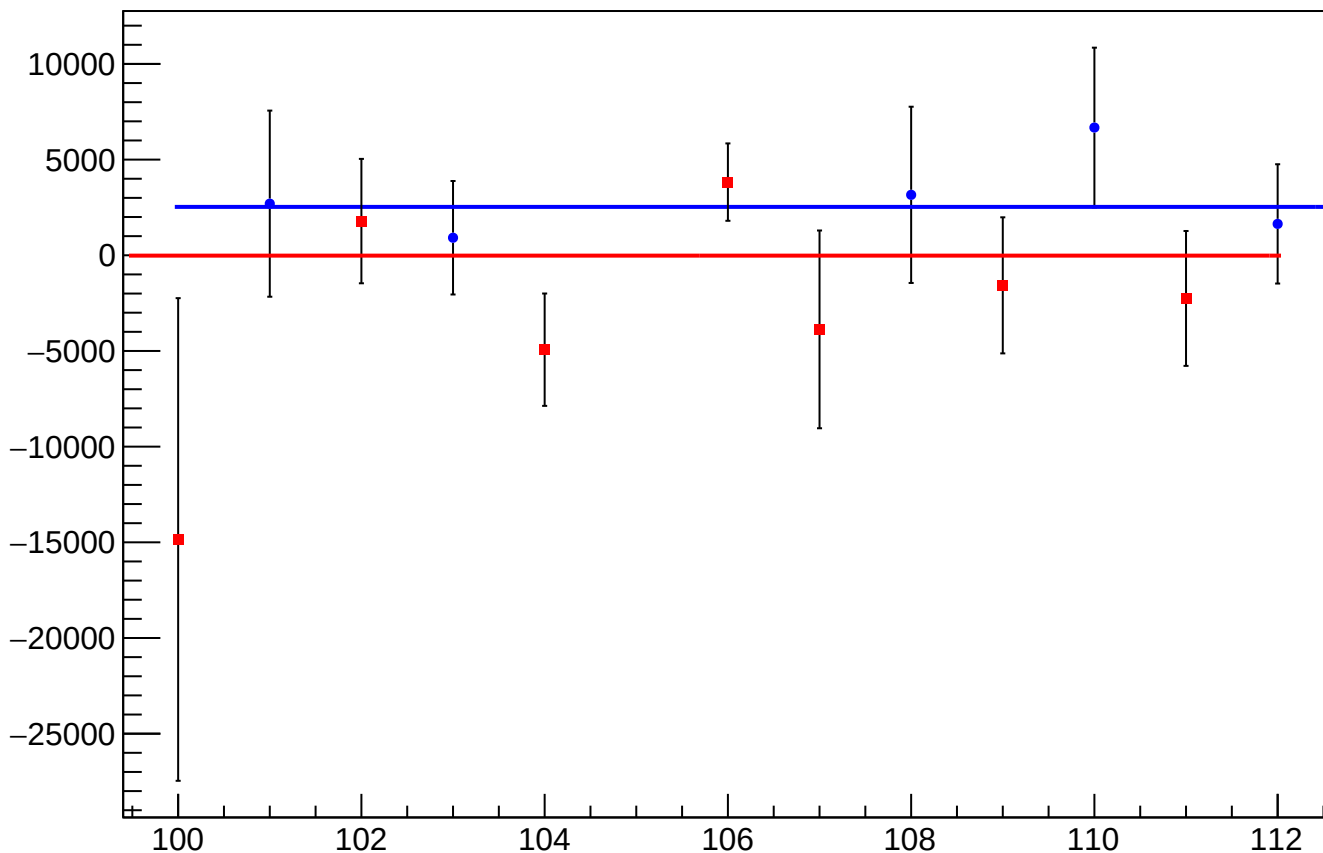
Right: 834.585+/-0.263 χ^2/NDF : 267336.4/11

In: 853.387+/-0.389 χ^2/NDF : 182193.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 834.585+/-0.263 χ^2/NDF : 267336.4/11

asym_usl_atl2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 2528.852+/-1658.723 χ^2/NDF : 1.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.017+/-1232.170 χ^2/NDF : 9.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

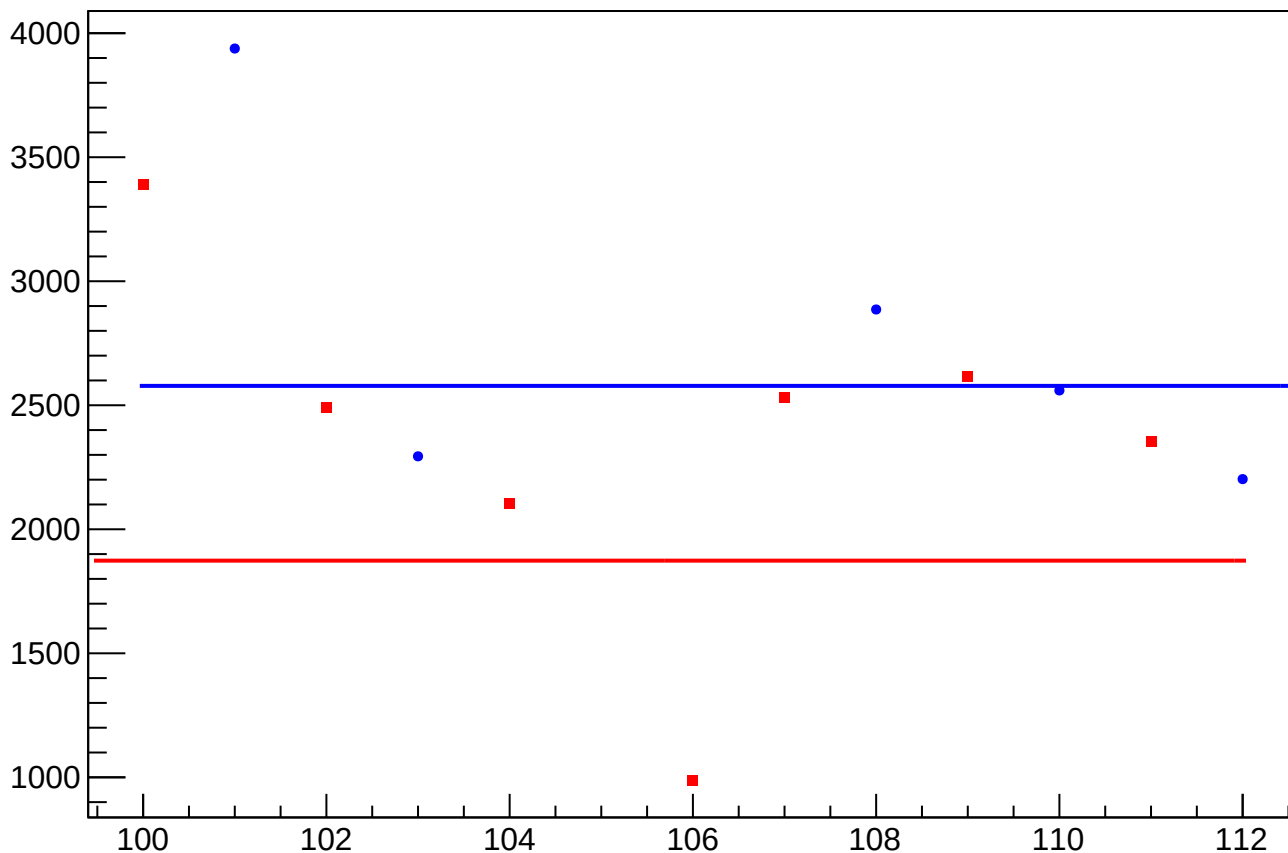
Right: 887.633+/-989.124 χ^2/NDF : 12.2/11

In: 2528.852+/-1658.723 χ^2/NDF : 1.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 887.633+/-989.124 χ^2/NDF : 12.2/11

asym_usl_atl2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2578.124+/-1.173 χ^2/NDF : 212808.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1873.565+/-0.871 χ^2/NDF : 654894.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

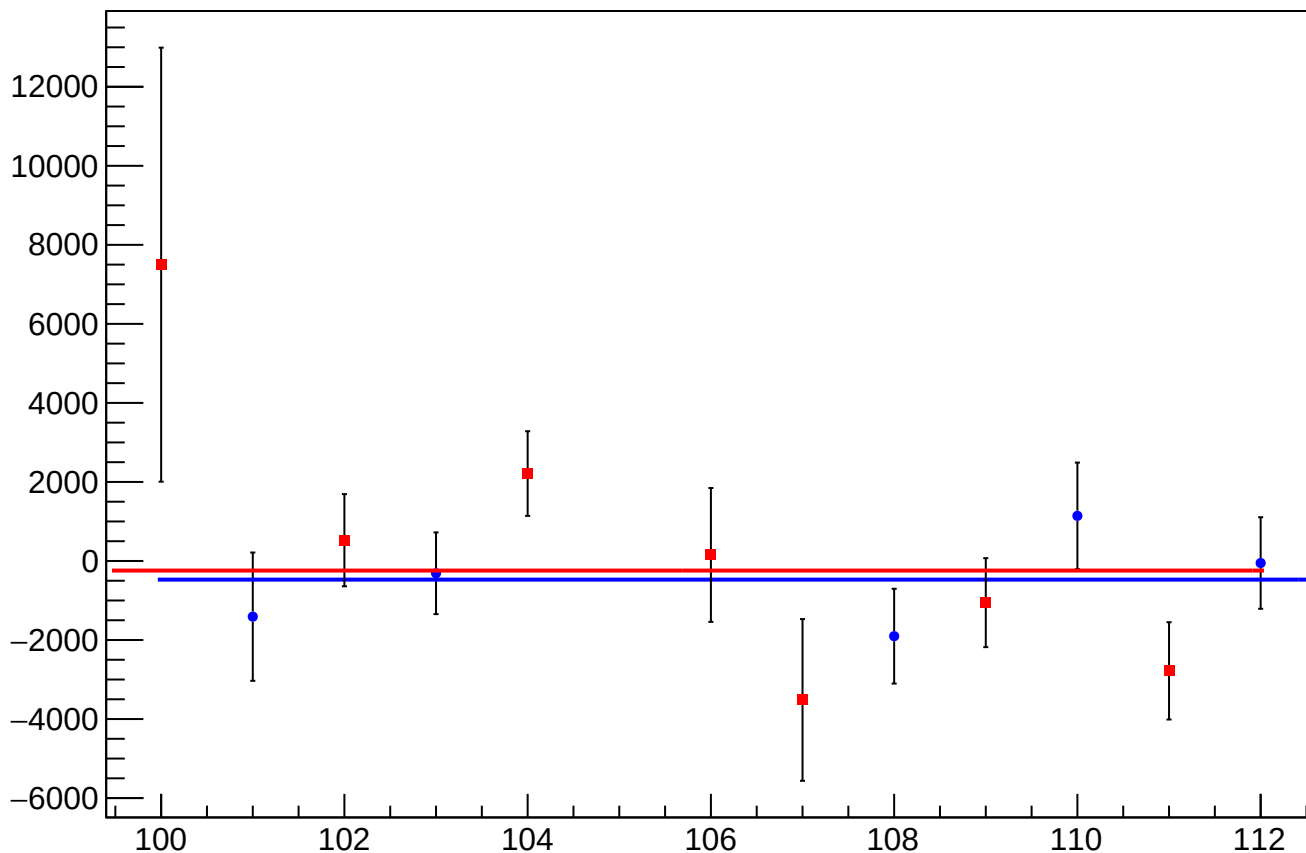
Right: 2124.101+/-0.699 χ^2/NDF : 1100232.3/11

In: 2578.124+/-1.173 χ^2/NDF : 212808.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2124.101+/-0.699 χ^2/NDF : 1100232.3/11

cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -471.402+/-550.059 χ^2/NDF : 3.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -242.628+/-521.684 χ^2/NDF : 15.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

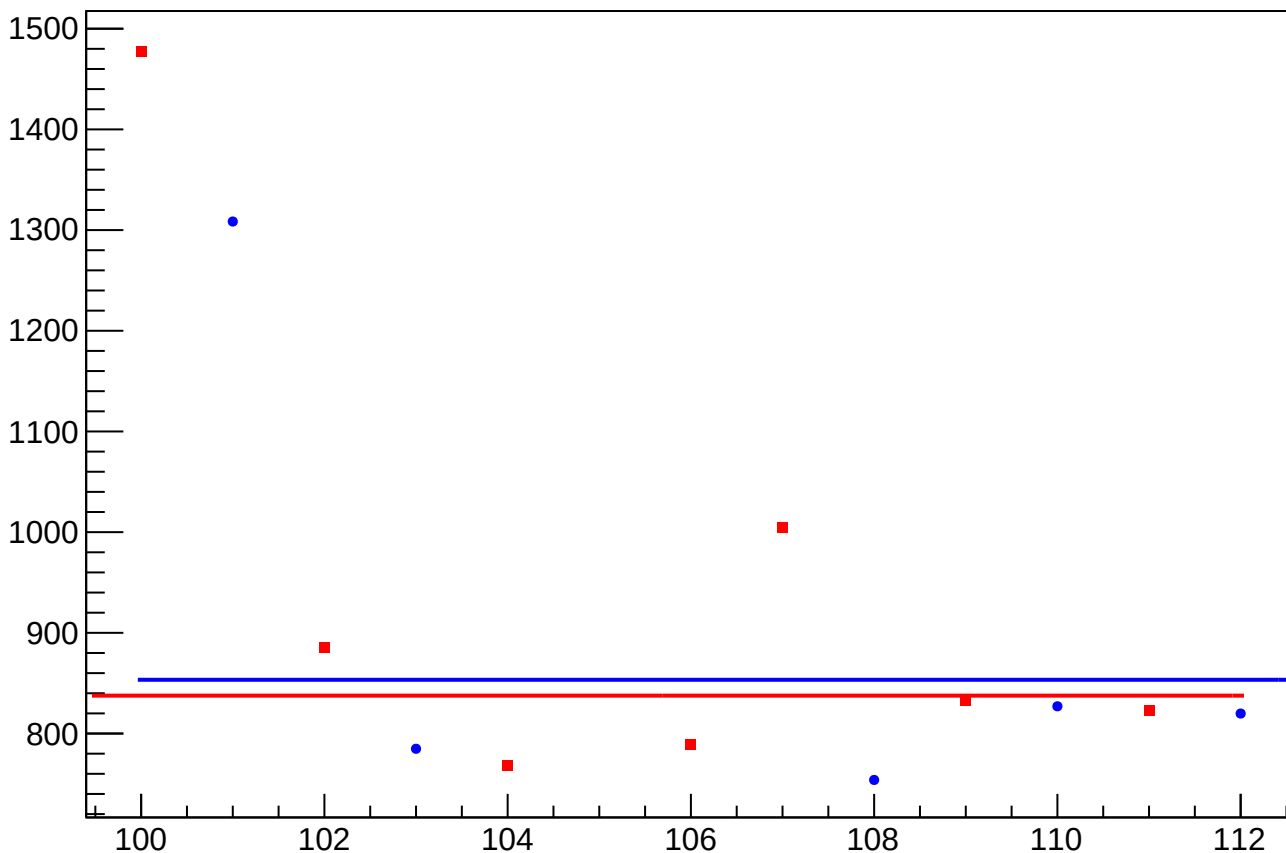
Right: -350.962+/-378.520 χ^2/NDF : 18.5/11

In: -471.402+/-550.059 χ^2/NDF : 3.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -350.962+/-378.520 χ^2/NDF : 18.5/11

cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 853.387+/-0.389 χ^2/NDF : 182193.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 837.632+/-0.364 χ^2/NDF : 54751.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

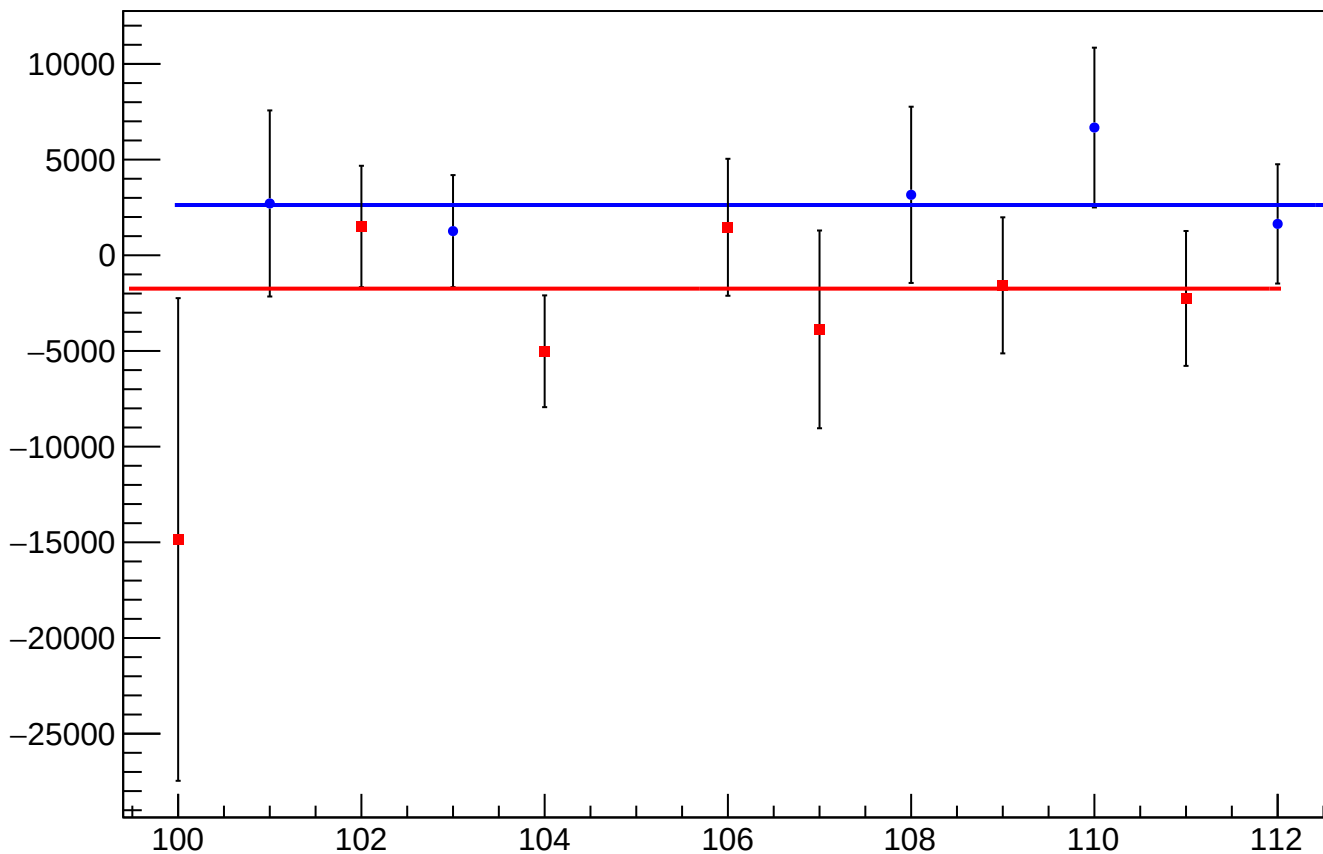
Right: 844.987+/-0.266 χ^2/NDF : 237819.6/11

In: 853.387+/-0.389 χ^2/NDF : 182193.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 844.987+/-0.266 χ^2/NDF : 237819.6/11

asym_usl_atl2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 2627.418+/-1651.825 χ^2/NDF : 1.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1742.900+/-1416.870 χ^2/NDF : 4.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

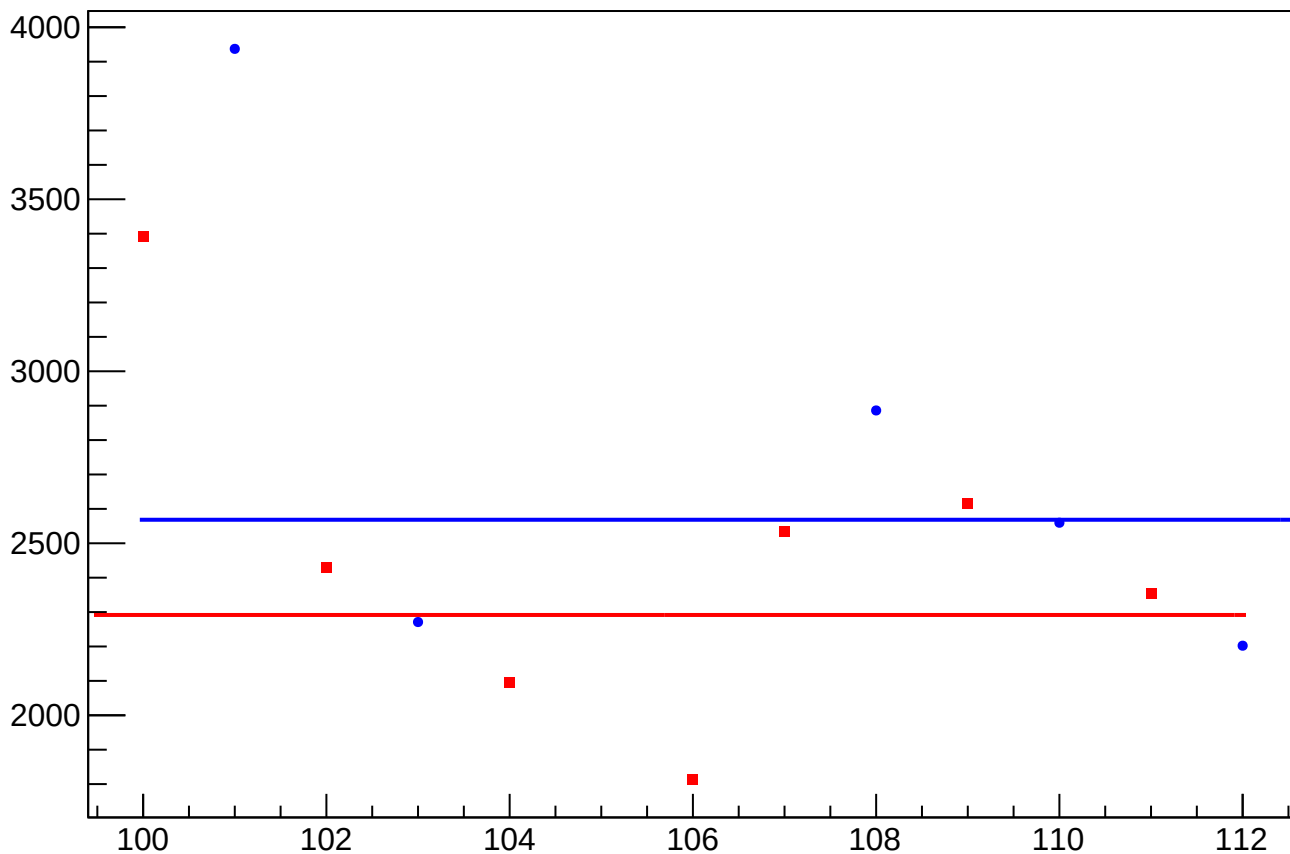
Right: 109.596+/-1075.440 χ^2/NDF : 9.7/11

In: 2627.418+/-1651.825 χ^2/NDF : 1.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.596+/-1075.440 χ^2/NDF : 9.7/11

asym_usl_atl2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2568.390+/-1.168 χ^2/NDF : 216269.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2291.614+/-1.002 χ^2/NDF : 85823.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

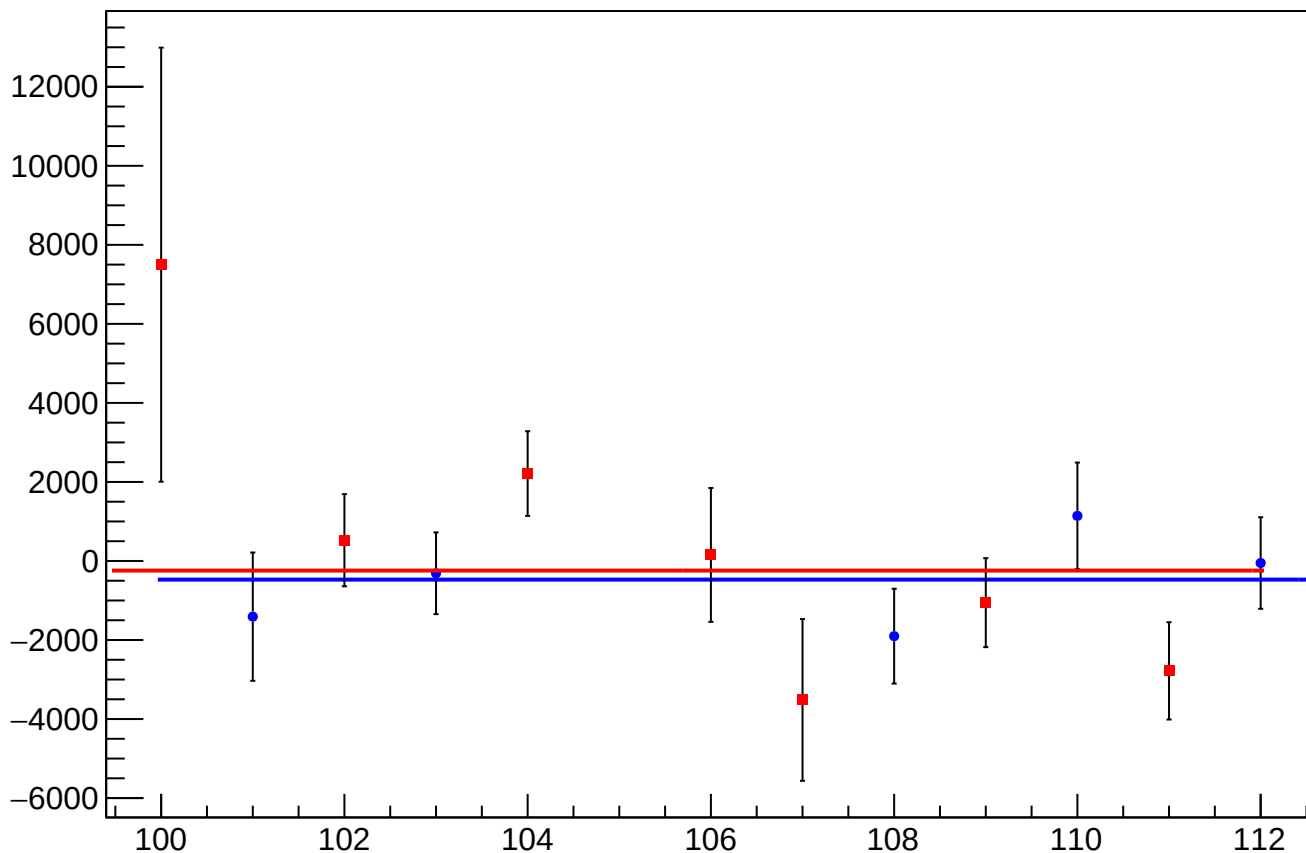
Right: 2408.934+/-0.760 χ^2/NDF : 334442.3/11

In: 2568.390+/-1.168 χ^2/NDF : 216269.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2408.934+/-0.760 χ^2/NDF : 334442.3/11

eigen_cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -471.402+/-550.059 χ^2/NDF : 3.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -242.628+/-521.684 χ^2/NDF : 15.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

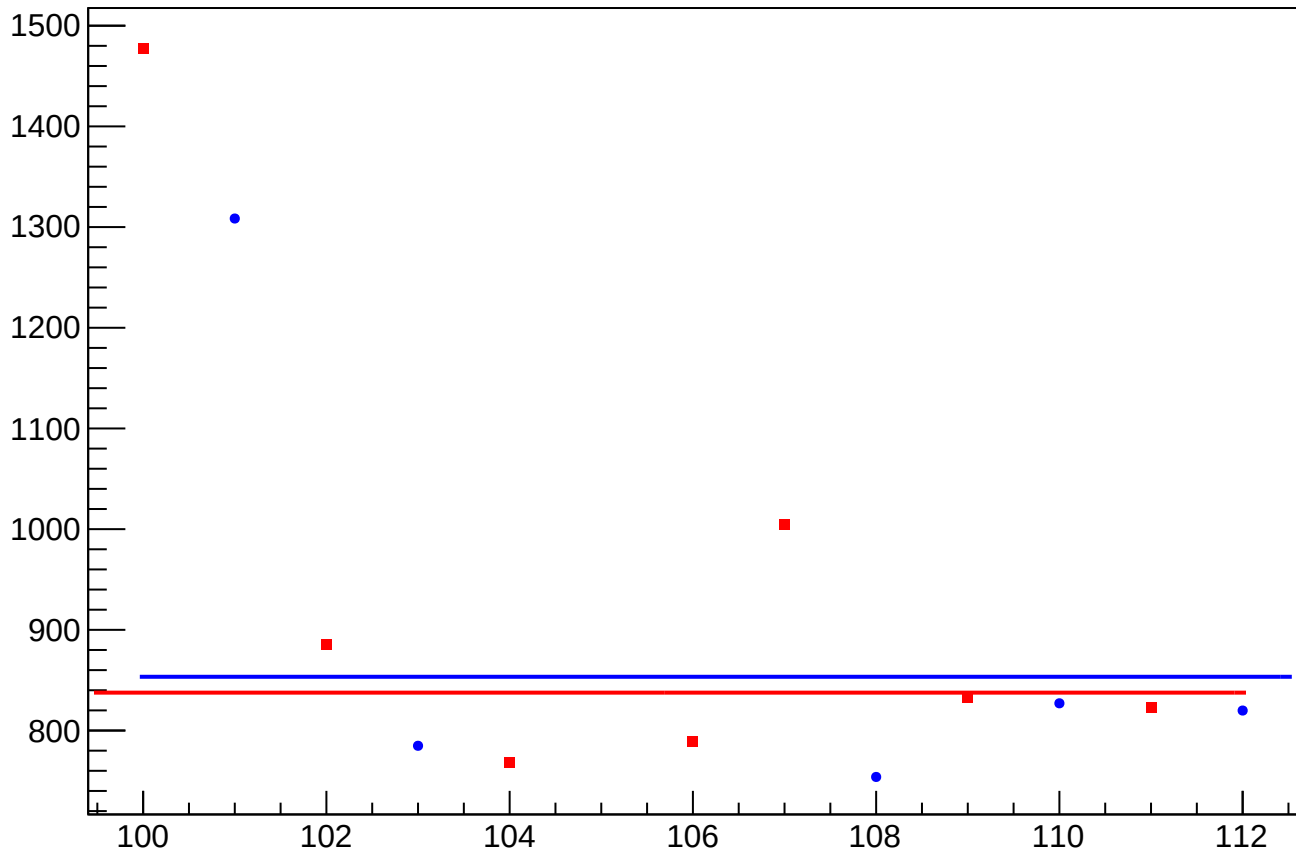
Right: -350.962+/-378.520 χ^2/NDF : 18.5/11

In: -471.402+/-550.059 χ^2/NDF : 3.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -350.962+/-378.520 χ^2/NDF : 18.5/11

eigen_cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 853.387+/-0.389 χ^2/NDF : 182193.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 837.632+/-0.364 χ^2/NDF : 54751.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

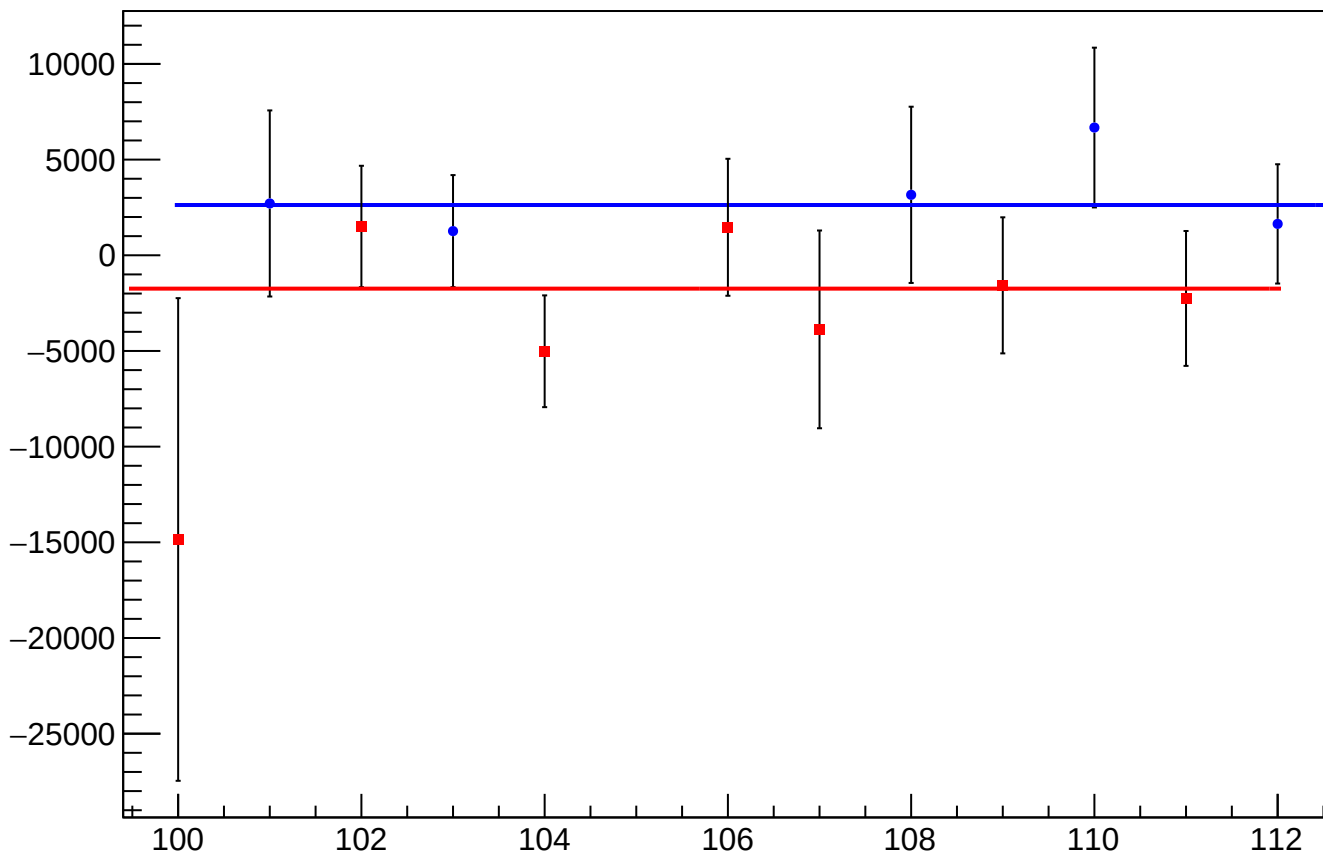
Right: 844.987+/-0.266 χ^2/NDF : 237819.6/11

In: 853.387+/-0.389 χ^2/NDF : 182193.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 844.987+/-0.266 χ^2/NDF : 237819.6/11

asym_usl_atl2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2627.418+/-1651.825 χ^2 /NDF: 1.3/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1742.900+/-1416.870 χ^2 /NDF: 4.4/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

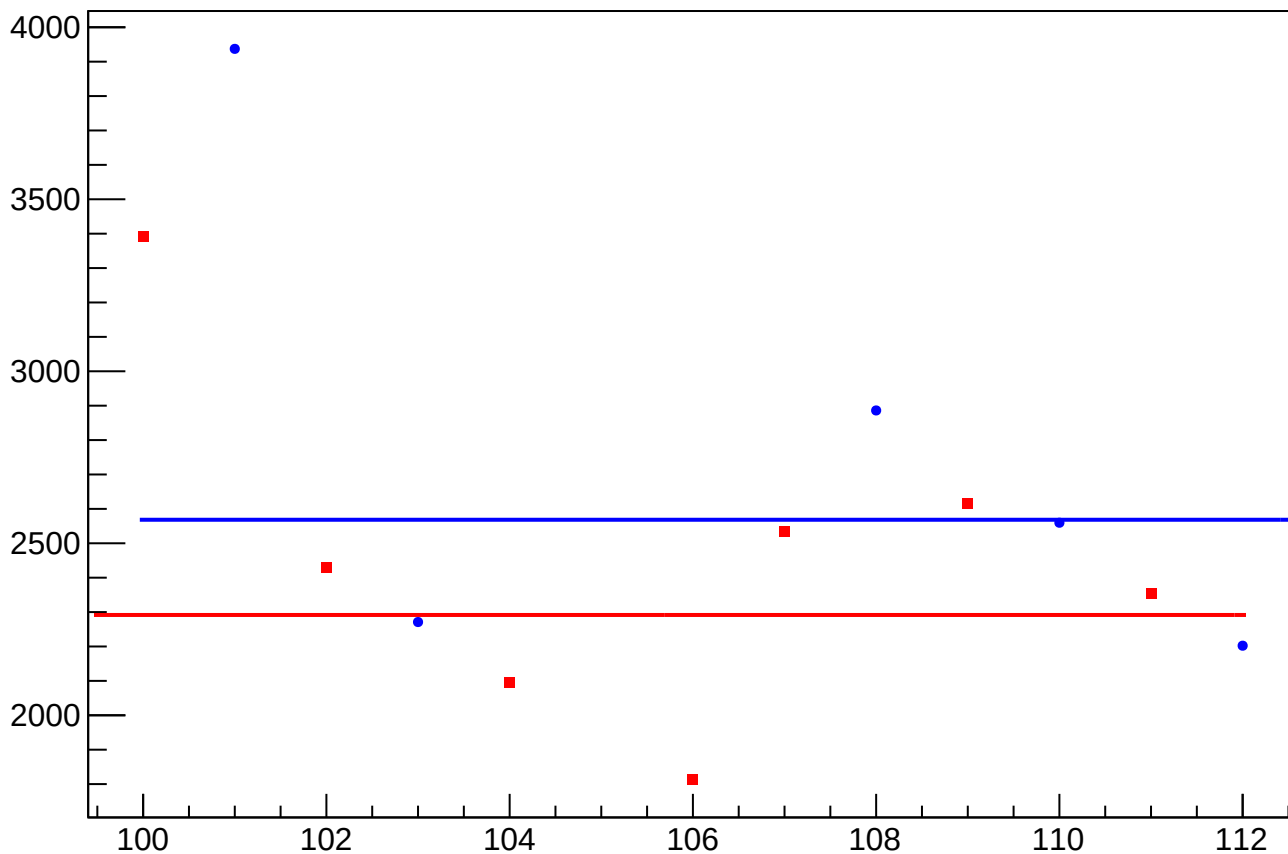
Right: 109.596+/-1075.440 χ^2 /NDF: 9.7/11

In: 2627.418+/-1651.825 χ^2 /NDF:1.3/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 109.596+/-1075.440 χ^2 /NDF: 9.7/11

asym_usl_atl2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2568.390+/-1.168 χ^2/NDF : 216269.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2291.614+/-1.002 χ^2/NDF : 85823.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

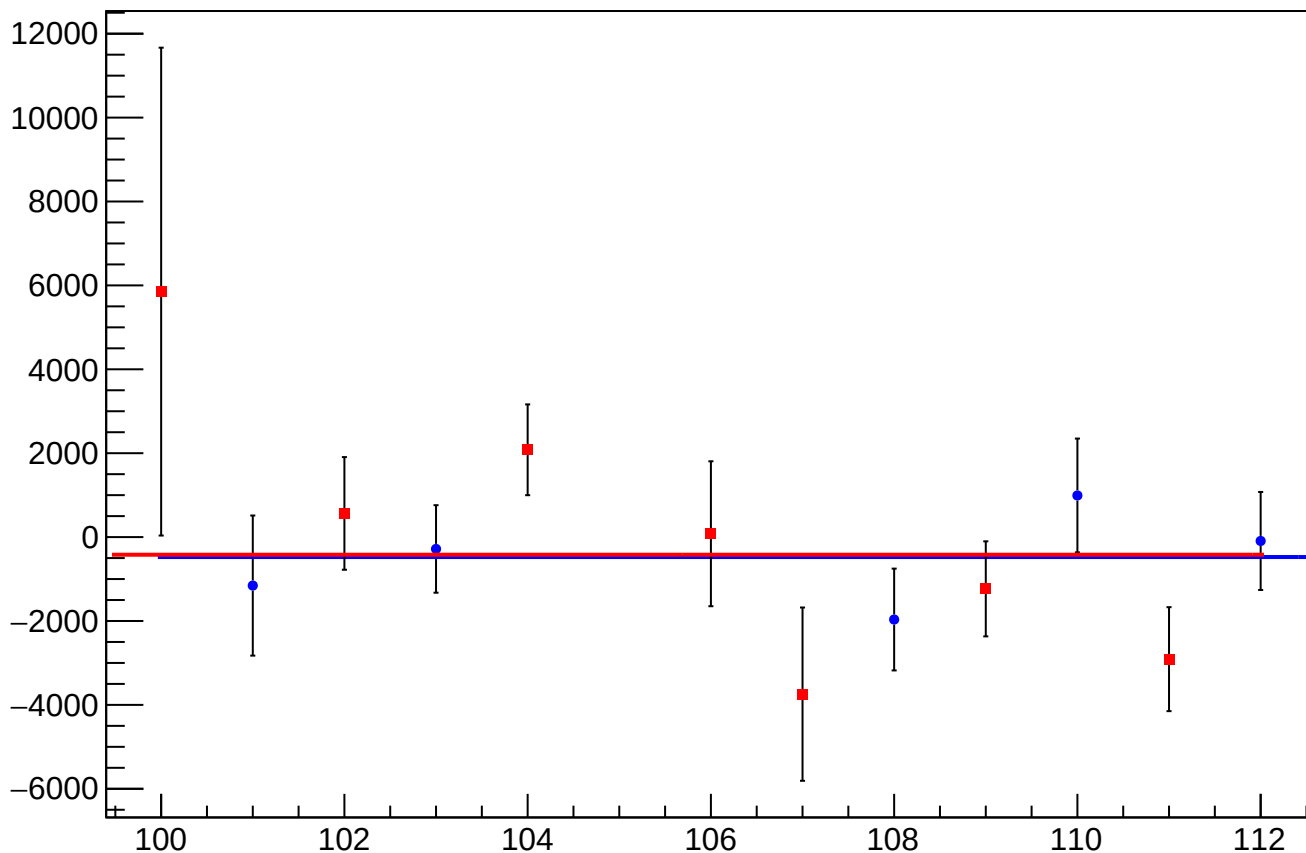
Right: 2408.934+/-0.760 χ^2/NDF : 334442.3/11

In: 2568.390+/-1.168 χ^2/NDF : 216269.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2408.934+/-0.760 χ^2/NDF : 334442.3/11

dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -475.388+/-556.162 χ^2/NDF : 3.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -420.187+/-539.316 χ^2/NDF : 14.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

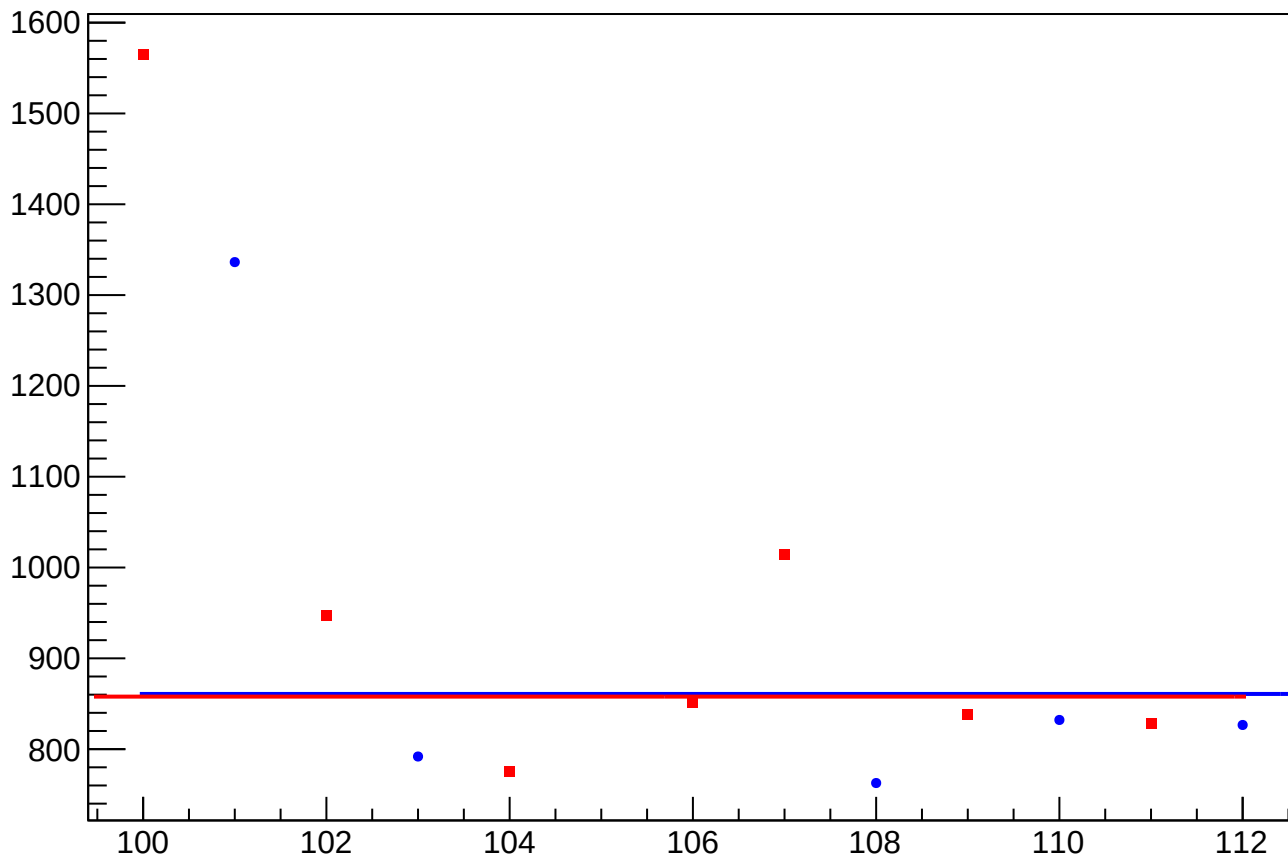
Right: -446.939+/-387.173 χ^2/NDF : 17.3/11

In: -475.388+/-556.162 χ^2/NDF : 3.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -446.939+/-387.173 χ^2/NDF : 17.3/11

dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 860.792 $\pm$ 0.393 χ^2 /NDF: 186569.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 857.852 $\pm$ 0.380 χ^2 /NDF: 63369.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

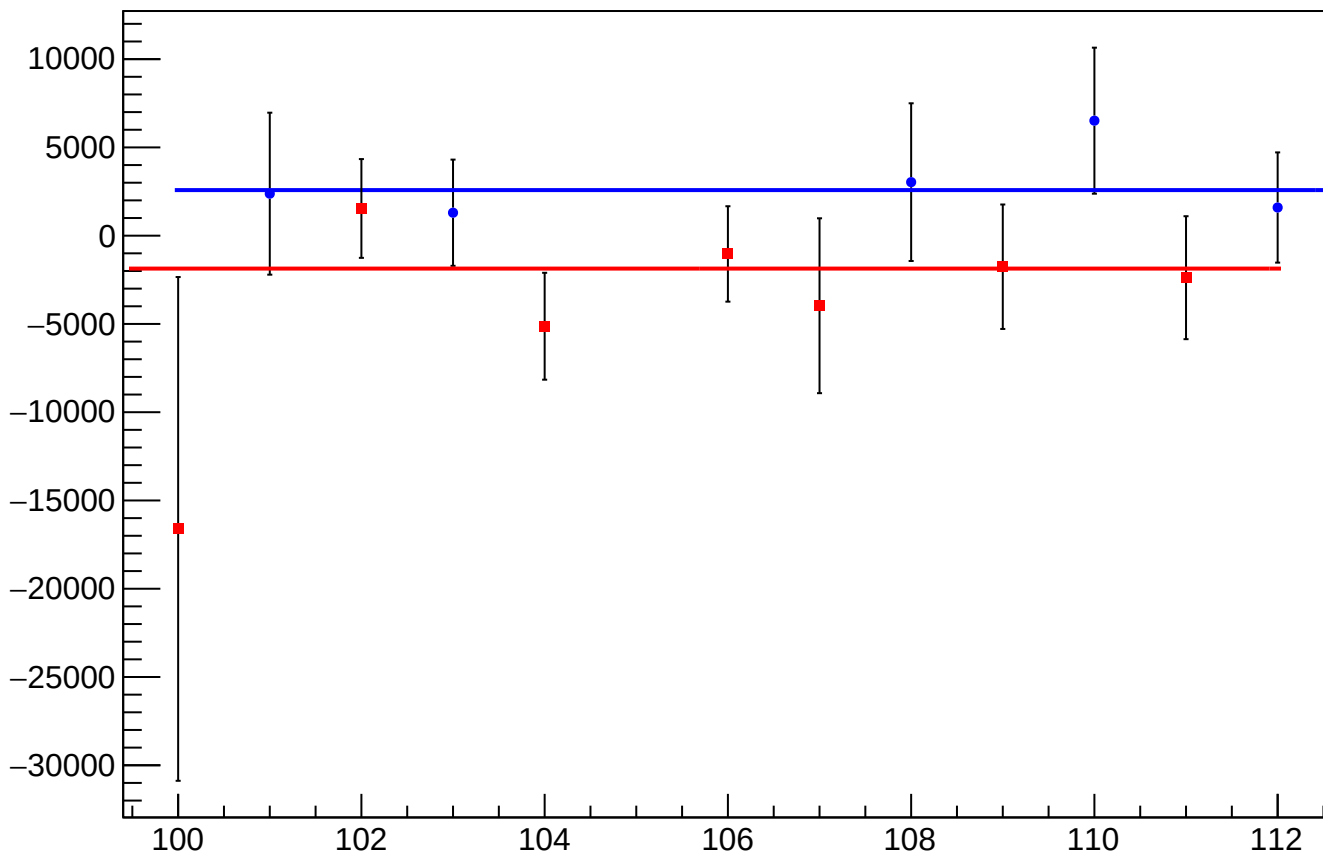
Right: 859.273 $\pm$ 0.273 χ^2 /NDF: 249967.7/11

In: 860.792 $\pm$ 0.393 χ^2 /NDF:186569.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 859.273 $\pm$ 0.273 χ^2 /NDF: 249967.7/11

asym_usl_atl2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 2582.011+/-1645.752 χ^2/NDF : 1.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1864.399+/-1310.407 χ^2/NDF : 4.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

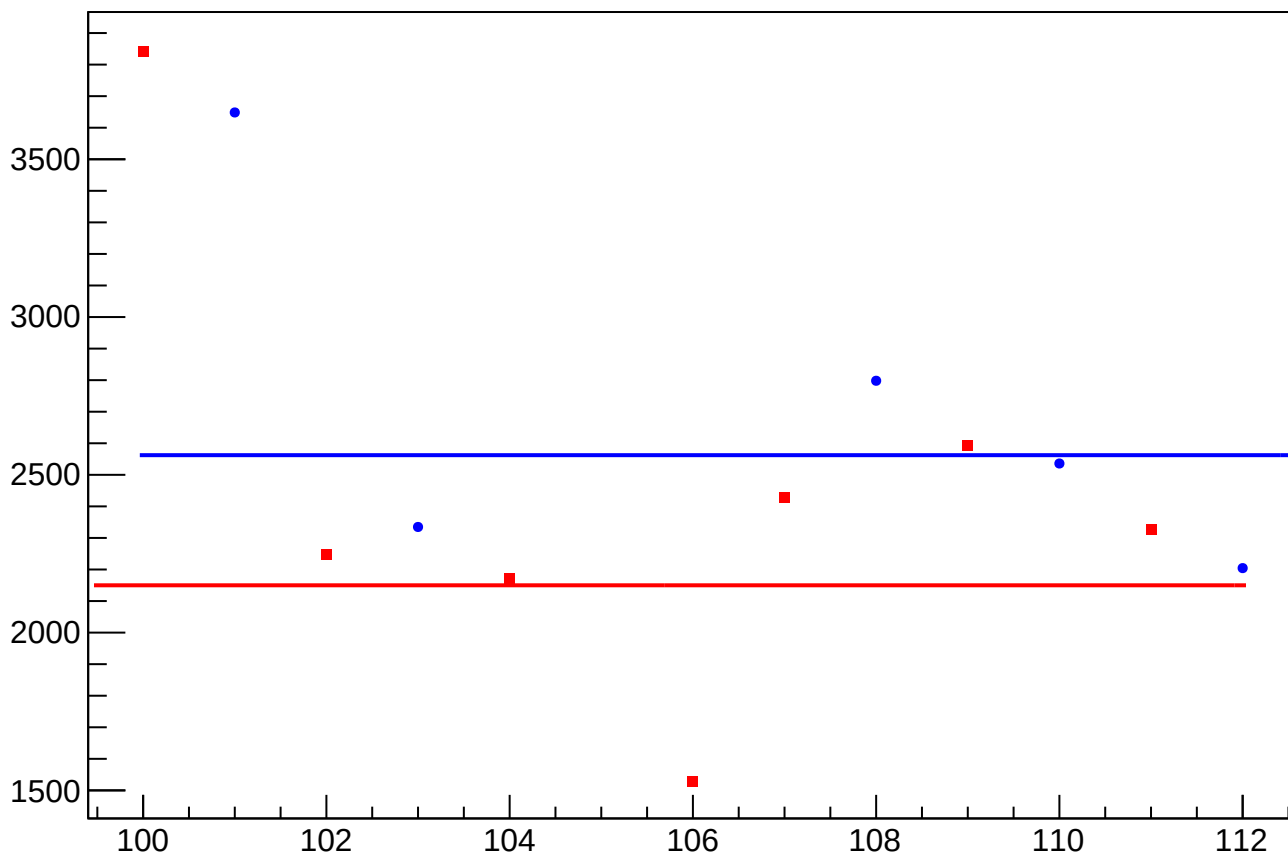
Right: -139.184+/-1025.136 χ^2/NDF : 9.7/11

In: 2582.011+/-1645.752 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -139.184+/-1025.136 χ^2/NDF : 9.7/11

asym_usl_atl2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2562.304+/-1.164 χ^2/NDF : 155447.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2149.926+/-0.927 χ^2/NDF : 179390.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

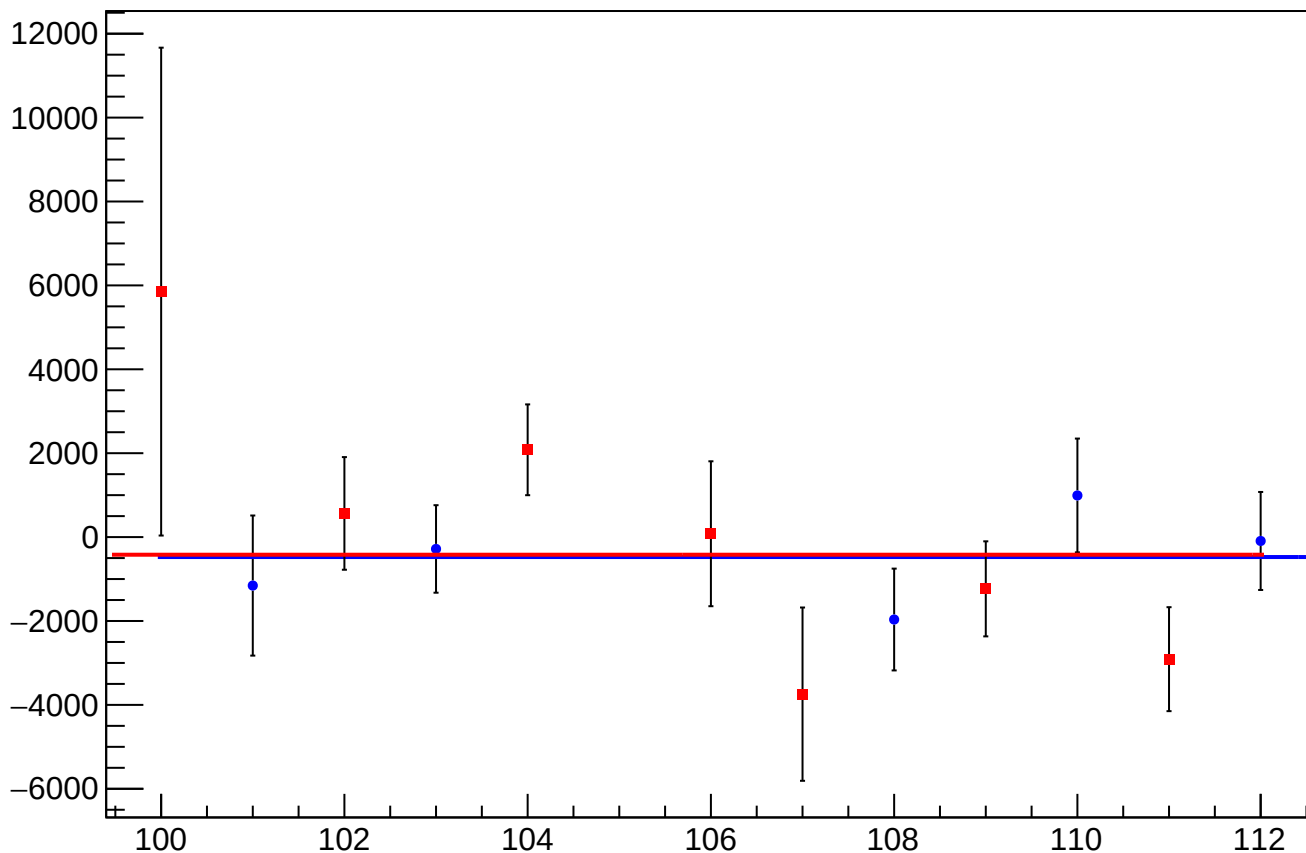
Right: 2309.929+/-0.725 χ^2/NDF : 411687.7/11

In: 2562.304+/-1.164 χ^2/NDF : 155447.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2309.929+/-0.725 χ^2/NDF : 411687.7/11

eigen_dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -475.396+/-556.162 χ^2/NDF : 3.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -420.191+/-539.316 χ^2/NDF : 14.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

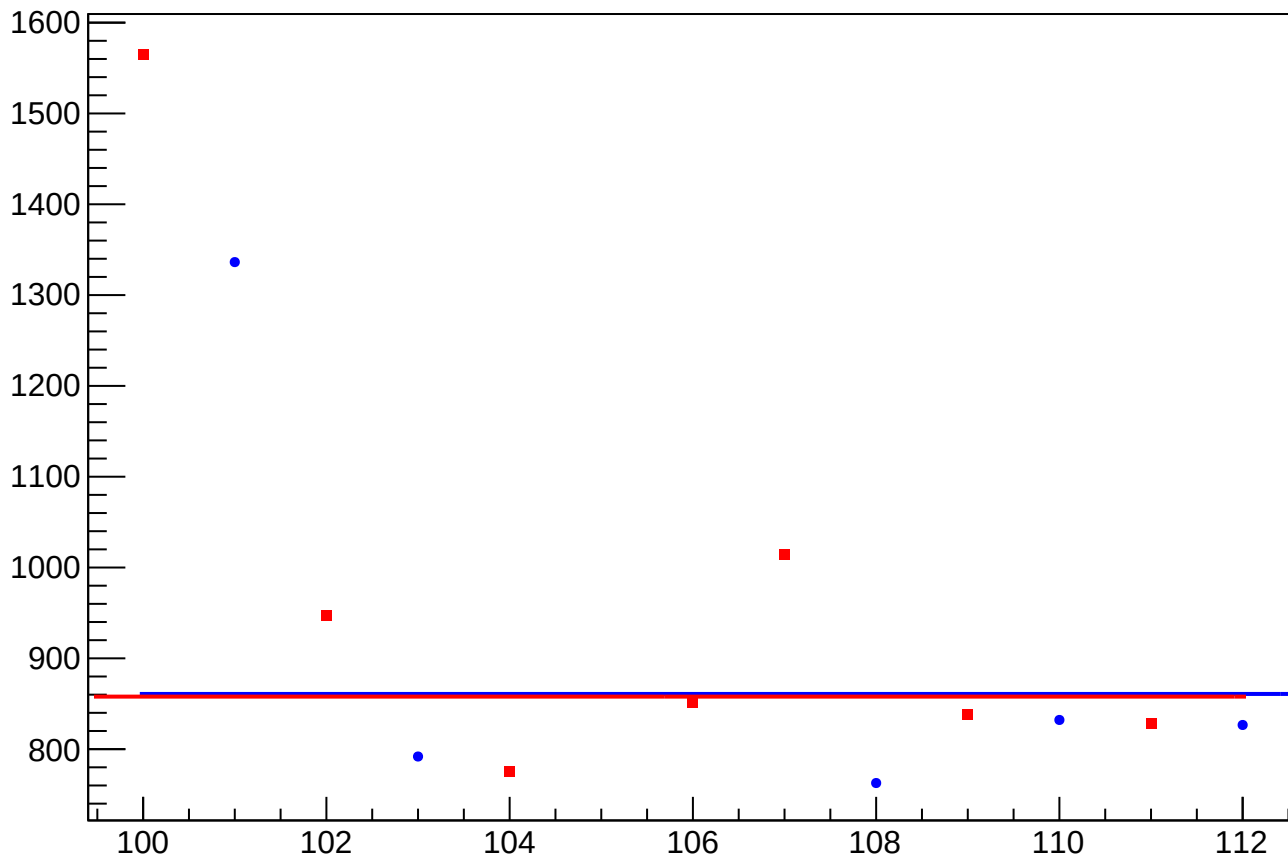
Right: -446.945+/-387.173 χ^2/NDF : 17.3/11

In: -475.396+/-556.162 χ^2/NDF : 3.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -446.945+/-387.173 χ^2/NDF : 17.3/11

eigen_dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 860.793+/-0.393 χ^2/NDF : 186568.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 857.852+/-0.380 χ^2/NDF : 63369.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

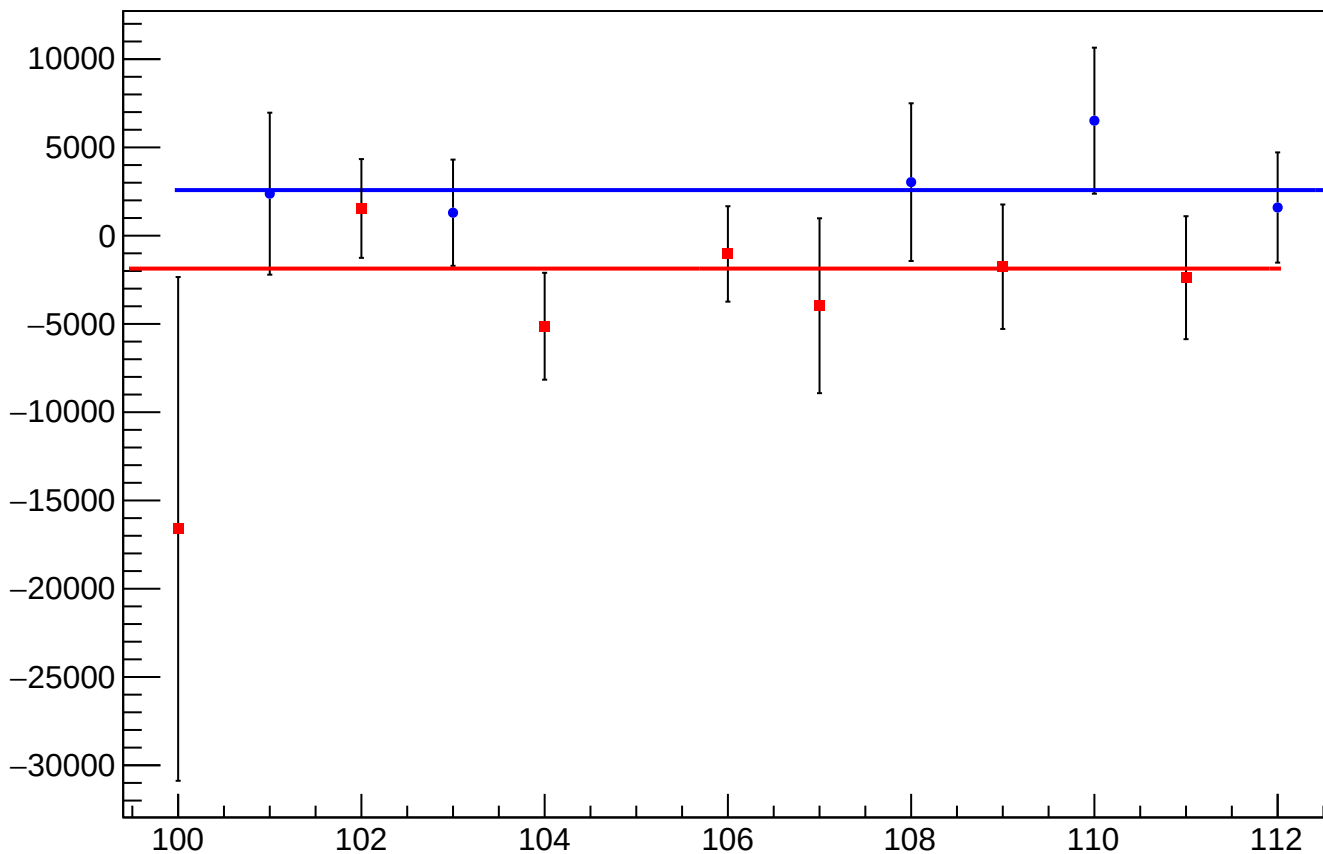
Right: 859.273+/-0.273 χ^2/NDF : 249966.9/11

In: 860.793+/-0.393 χ^2/NDF : 186568.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 859.273+/-0.273 χ^2/NDF : 249966.9/11

asym_usl_atl2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 2582.006+/-1645.749 χ^2/NDF : 1.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1864.401+/-1310.405 χ^2/NDF : 4.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

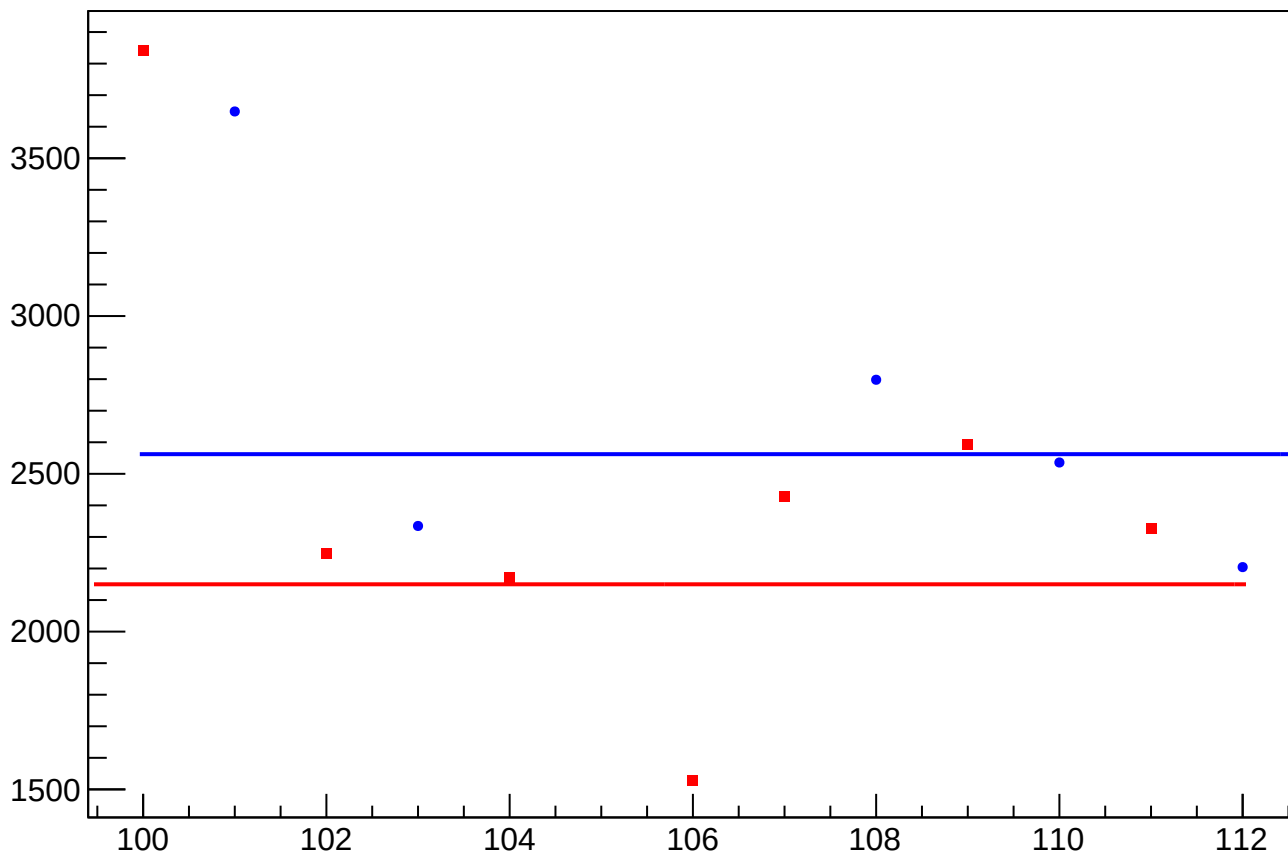
Right: -139.186+/-1025.134 χ^2/NDF : 9.7/11

In: 2582.006+/-1645.749 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -139.186+/-1025.134 χ^2/NDF : 9.7/11

asym_usl_atl2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2562.298+/-1.164 χ^2/NDF : 155447.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2149.921+/-0.927 χ^2/NDF : 179393.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

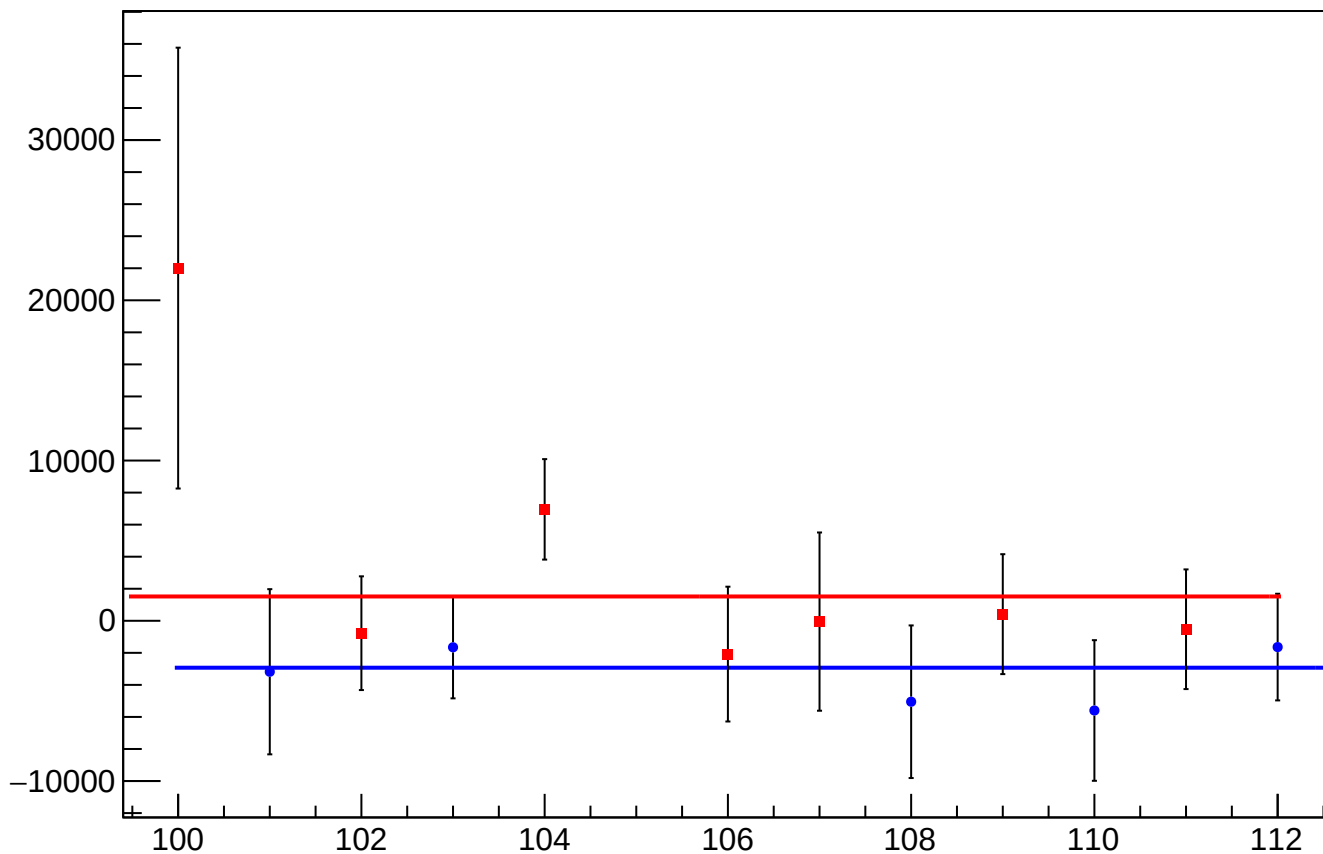
Right: 2309.924+/-0.725 χ^2/NDF : 411690.4/11

In: 2562.298+/-1.164 χ^2/NDF : 155447.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2309.924+/-0.725 χ^2/NDF : 411690.4/11

asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -2928.216+/-1761.139 χ^2/NDF : 0.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1517.546+/-1545.917 χ^2/NDF : 6.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

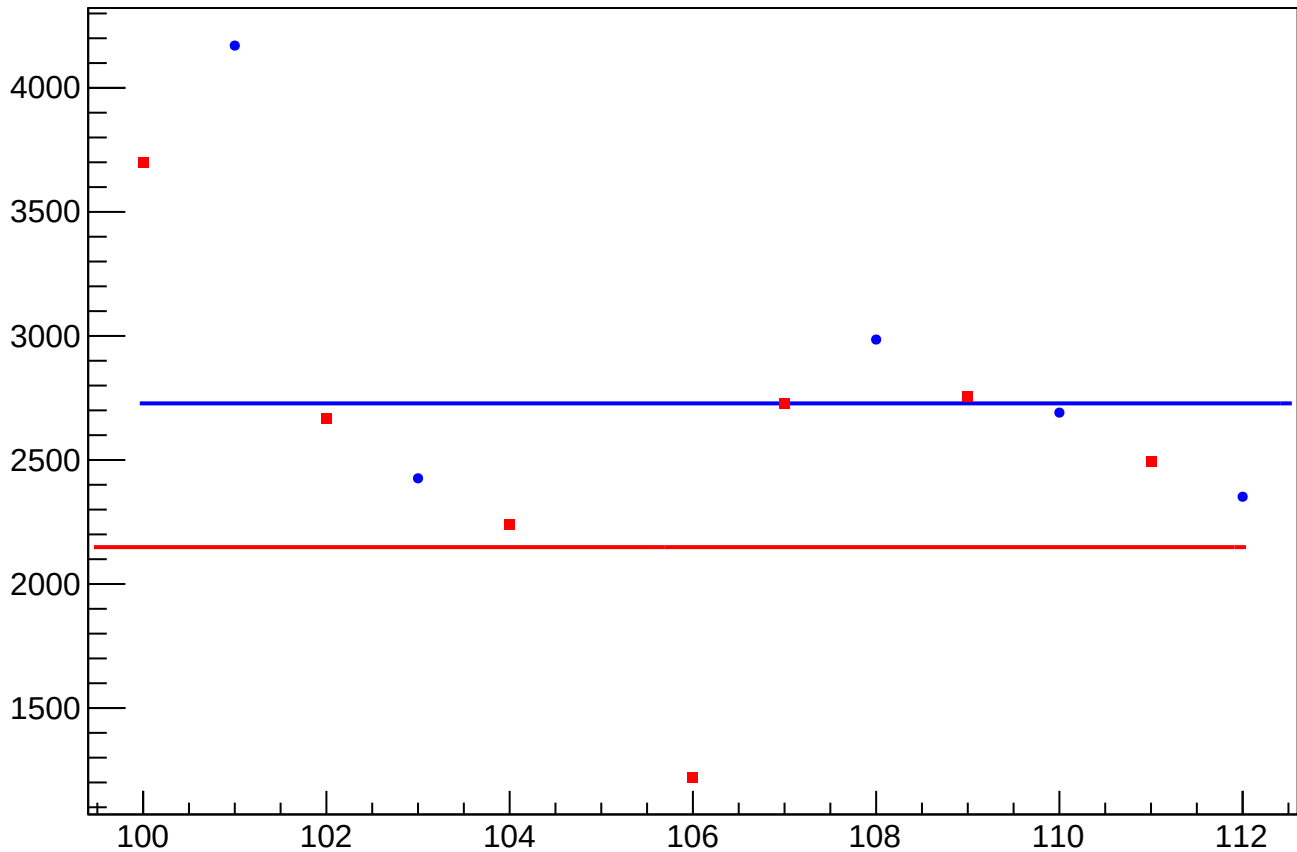
Right: -417.226+/-1161.811 χ^2/NDF : 11.3/11

In: -2928.216+/-1761.139 χ^2/NDF : 0.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -417.226+/-1161.811 χ^2/NDF : 11.3/11

asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 2728.160+/-1.245 χ^2/NDF : 206183.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2148.691+/-0.982 χ^2/NDF : 432283.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

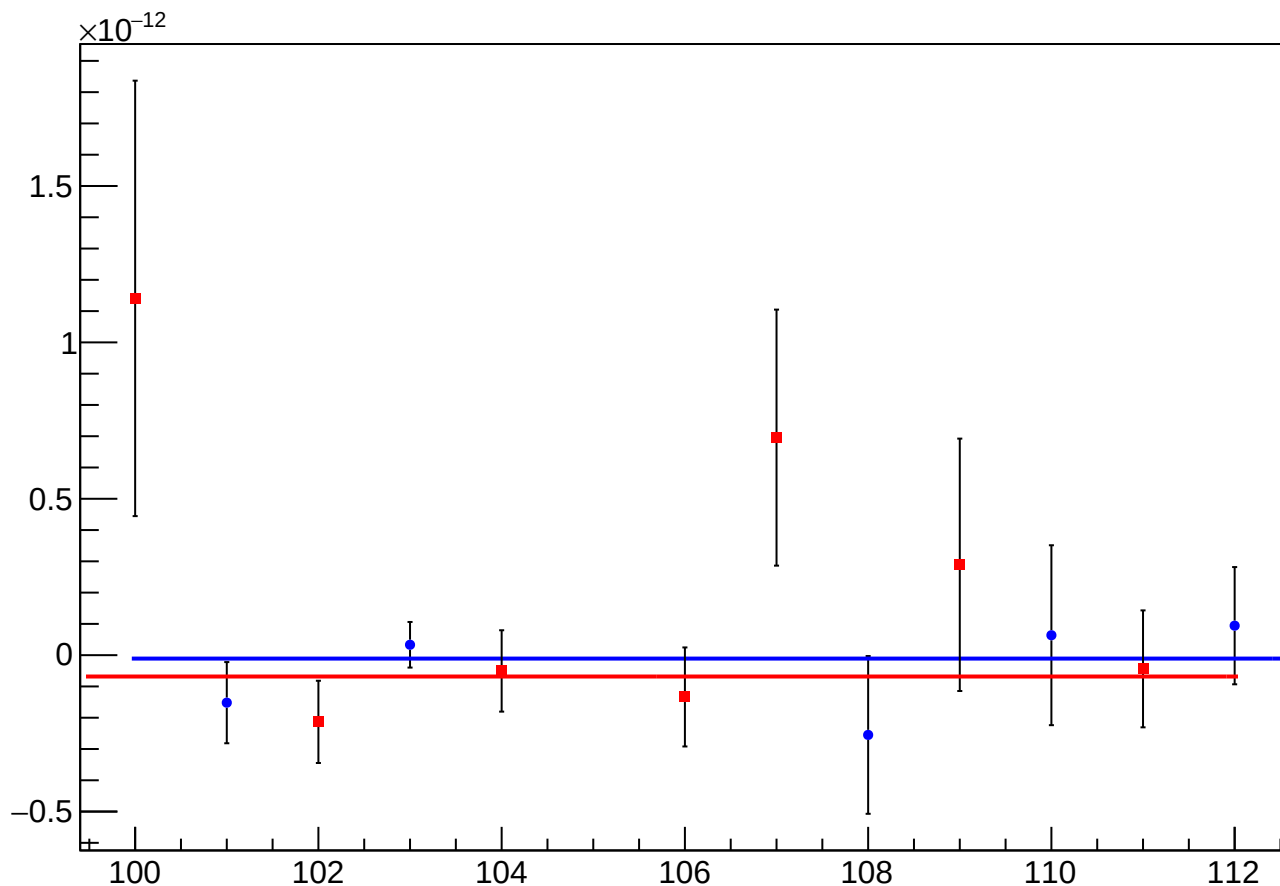
Right: 2370.764+/-0.771 χ^2/NDF : 772011.3/11

In: 2728.160+/-1.245 χ^2/NDF : 206183.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2370.764+/-0.771 χ^2/NDF : 772011.3/11

asym_usl_atl2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 2.9/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 8.7/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

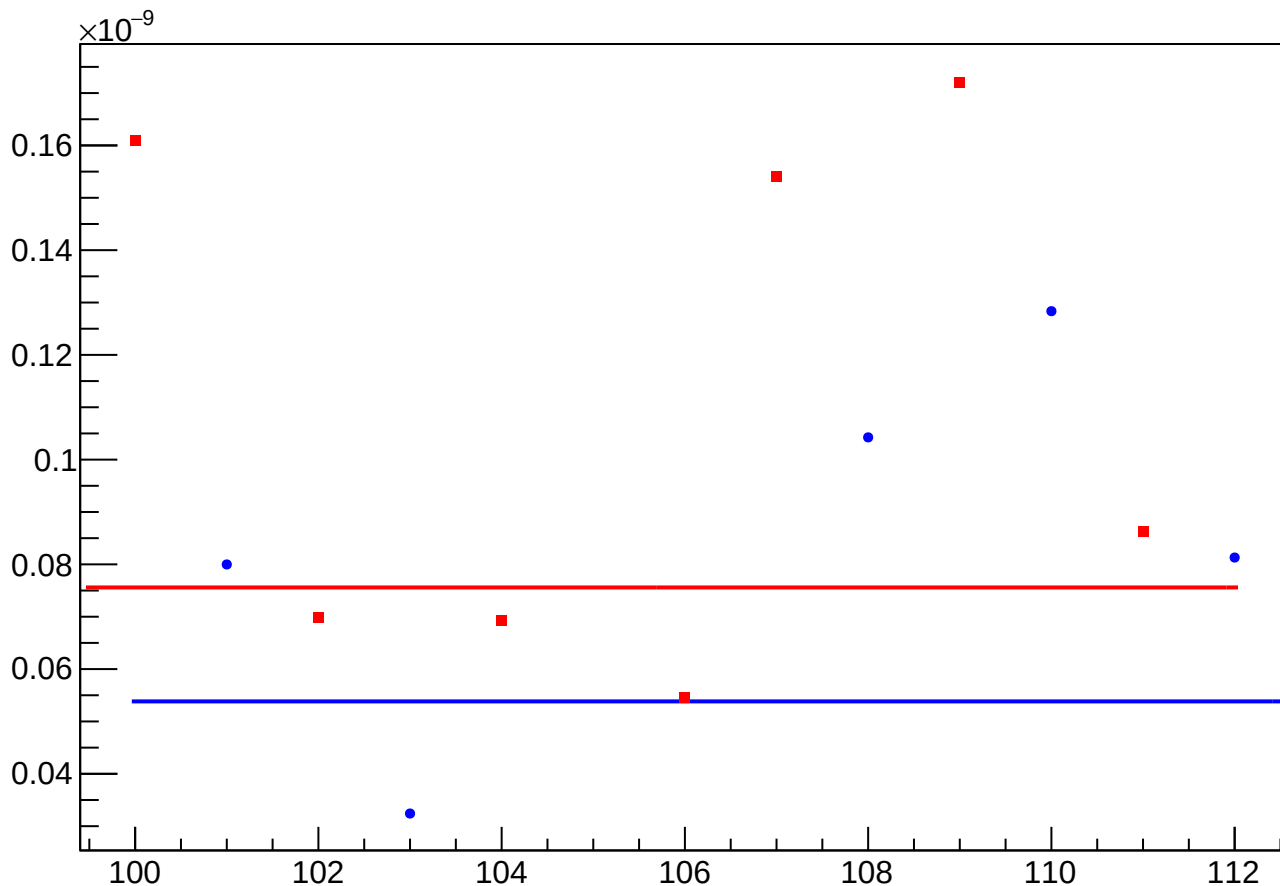
Right: -0.000+/-0.000 χ^2 /NDF: 12.0/11

In: -0.000+/-0.000 χ^2 /NDF:2.9/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 12.0/11

asym_usl_atl2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 511007.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 268045.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

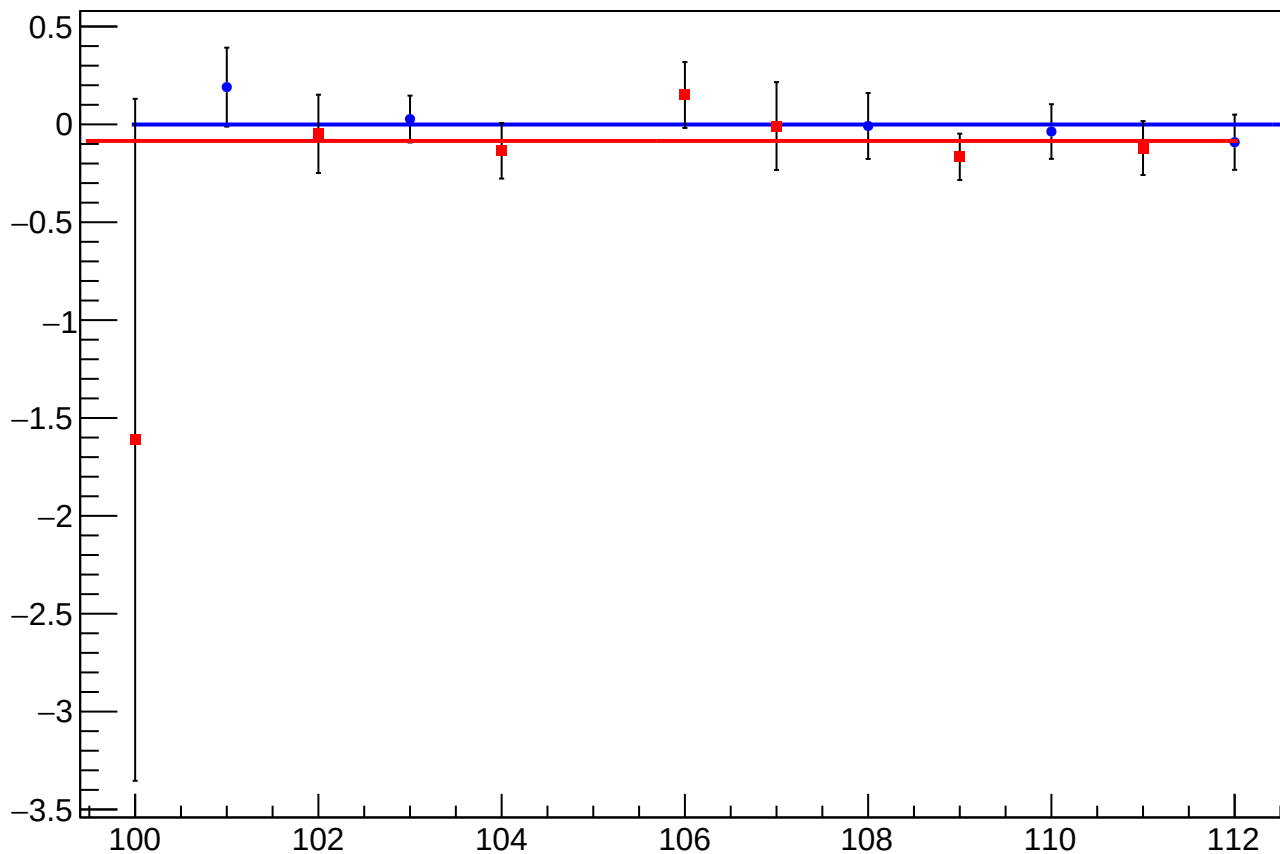
Right: 0.000+/-0.000 χ^2/NDF : 893187.7/11

In: 0.000+/-0.000 χ^2/NDF : 511007.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 893187.7/11

asym_usl_atl2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 $\pm$ 0.066 χ^2 /NDF: 1.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.085 $\pm$ 0.063 χ^2 /NDF: 3.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

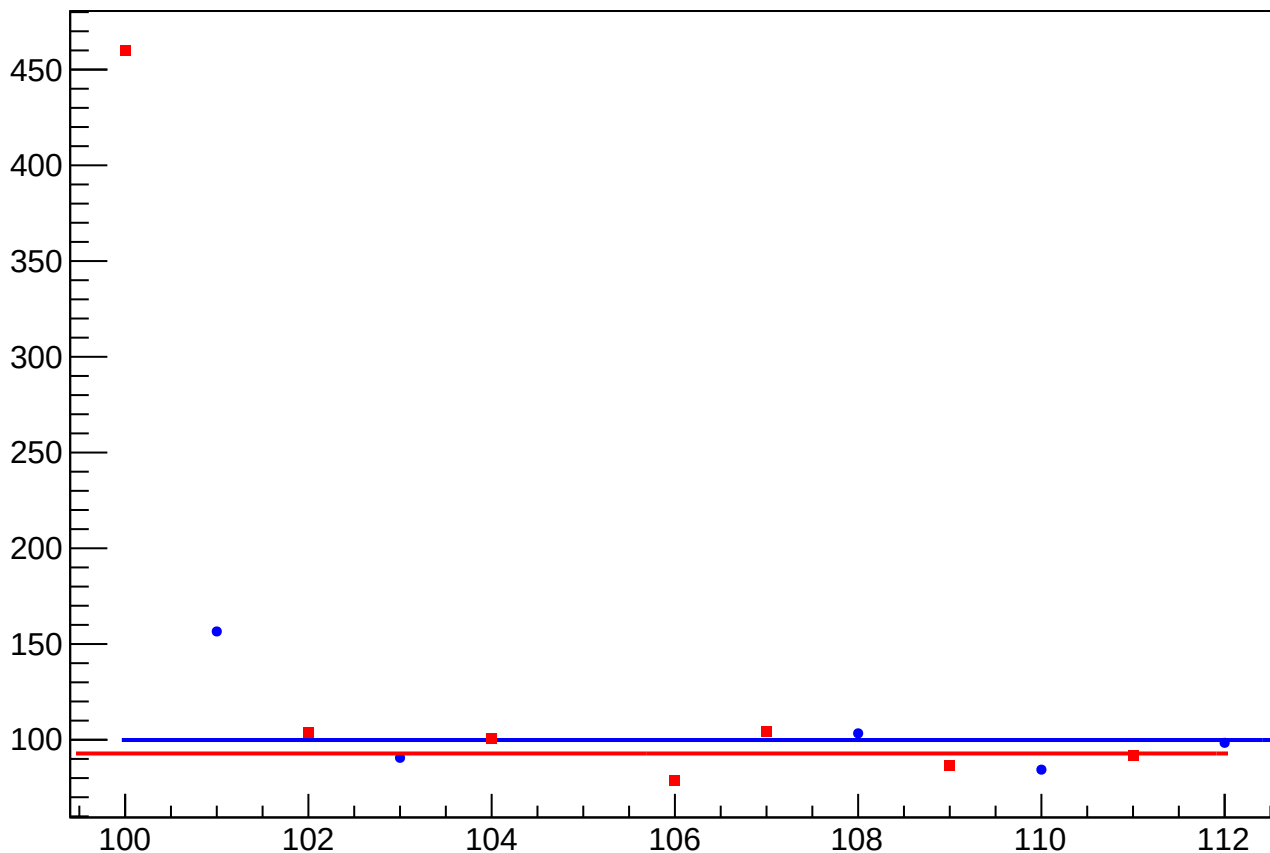
Right: -0.045 $\pm$ 0.045 χ^2 /NDF: 5.8/11

In: -0.001 $\pm$ 0.066 χ^2 /NDF:1.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.045 $\pm$ 0.045 χ^2 /NDF: 5.8/11

asym_usl_atl2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 99.878+/-0.046 χ^2/NDF : 195997.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.842+/-0.044 χ^2/NDF : 126037.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

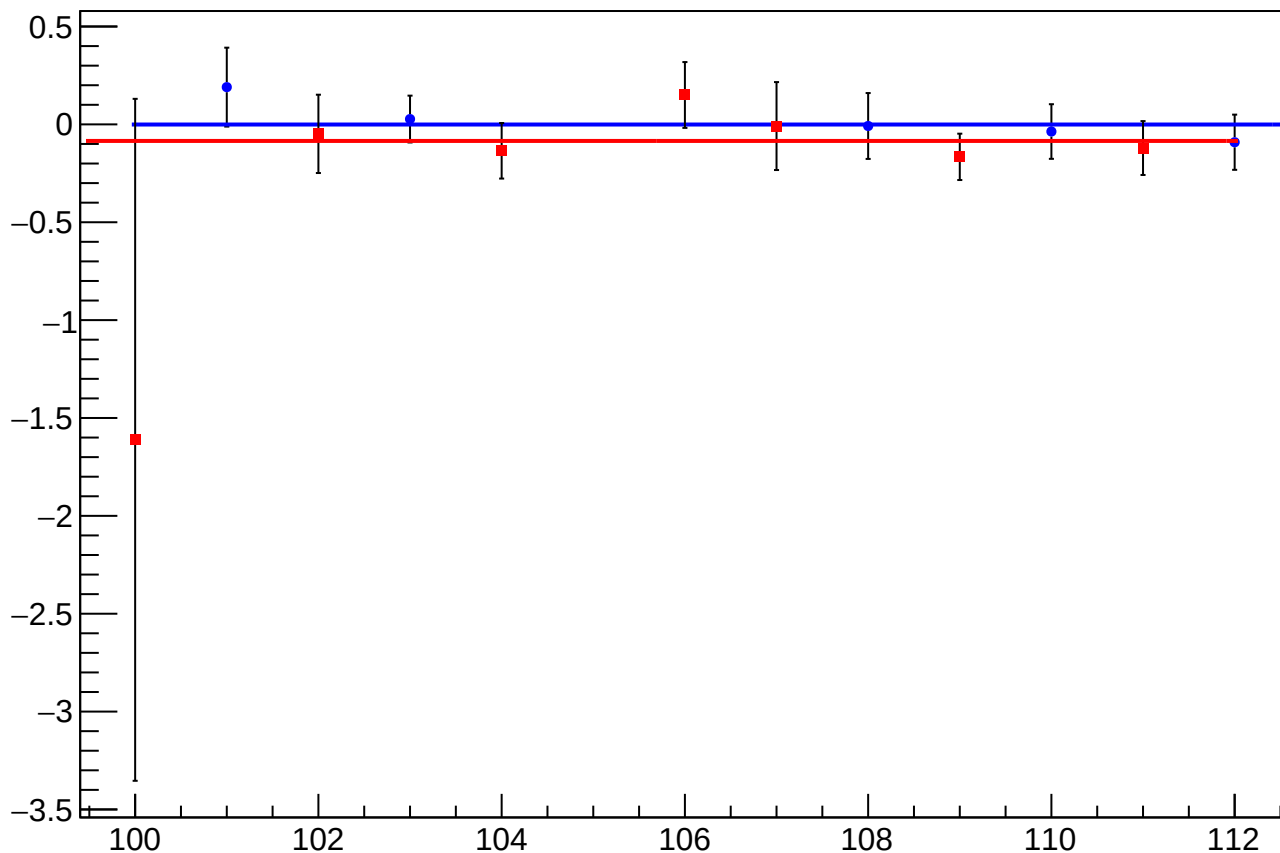
Right: 96.195+/-0.032 χ^2/NDF : 334029.7/11

In: 99.878+/-0.046 χ^2/NDF : 195997.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.195+/-0.032 χ^2/NDF : 334029.7/11

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 $\pm$ 0.066 χ^2 /NDF: 1.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.085 $\pm$ 0.063 χ^2 /NDF: 3.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

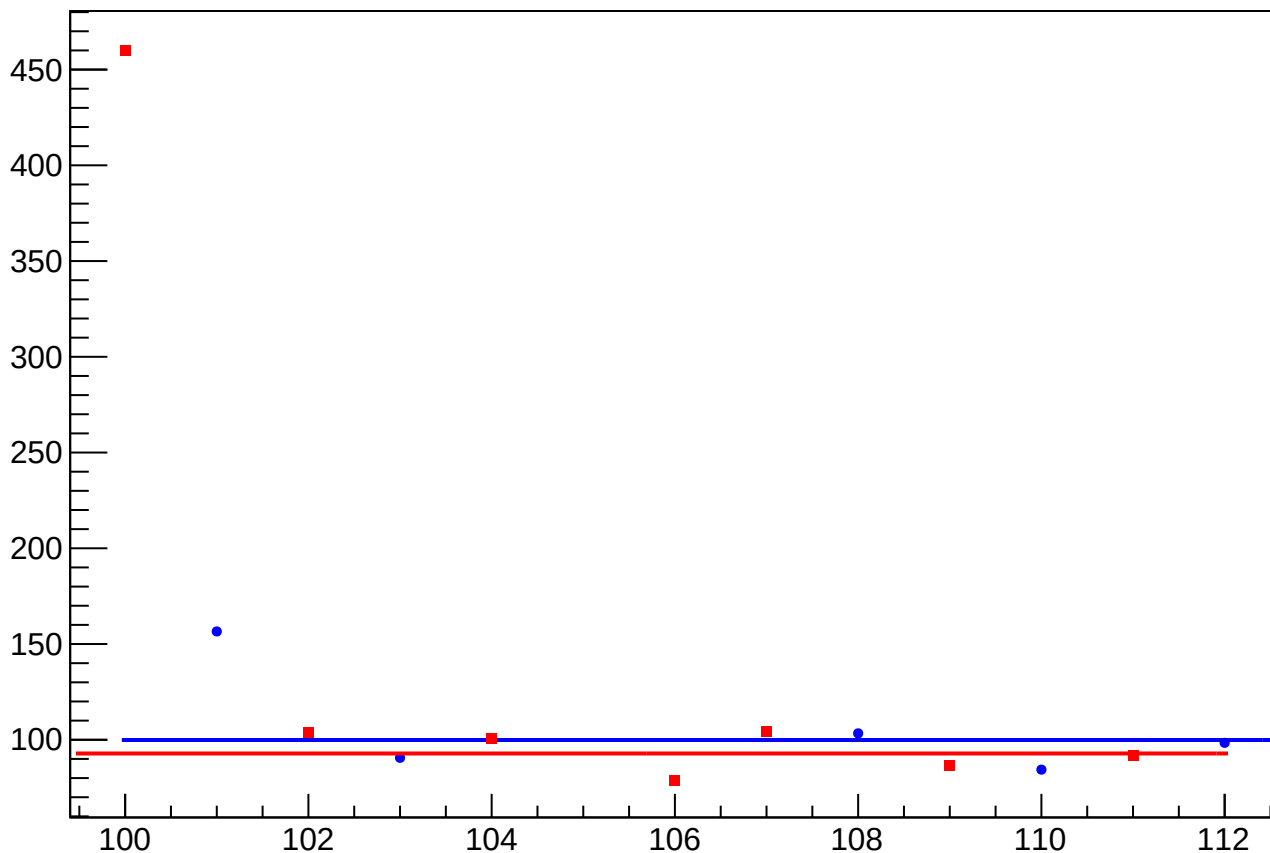
Right: -0.045 $\pm$ 0.045 χ^2 /NDF: 5.8/11

In: -0.001 $\pm$ 0.066 χ^2 /NDF:1.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.045 $\pm$ 0.045 χ^2 /NDF: 5.8/11

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 99.878+/-0.046 χ^2/NDF : 195997.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.842+/-0.044 χ^2/NDF : 126037.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

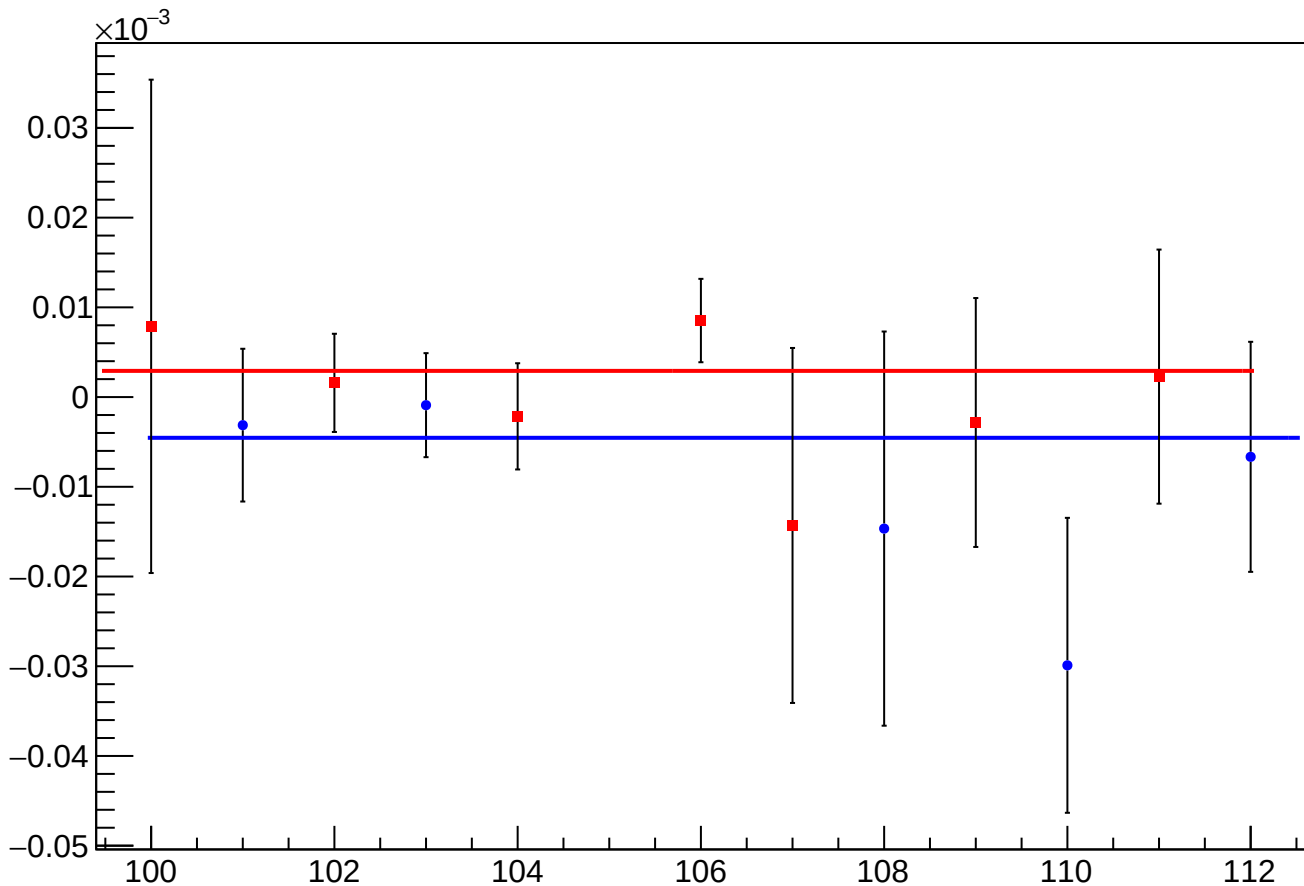
Right: 96.195+/-0.032 χ^2/NDF : 334029.7/11

In: 99.878+/-0.046 χ^2/NDF : 195997.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.195+/-0.032 χ^2/NDF : 334029.7/11

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

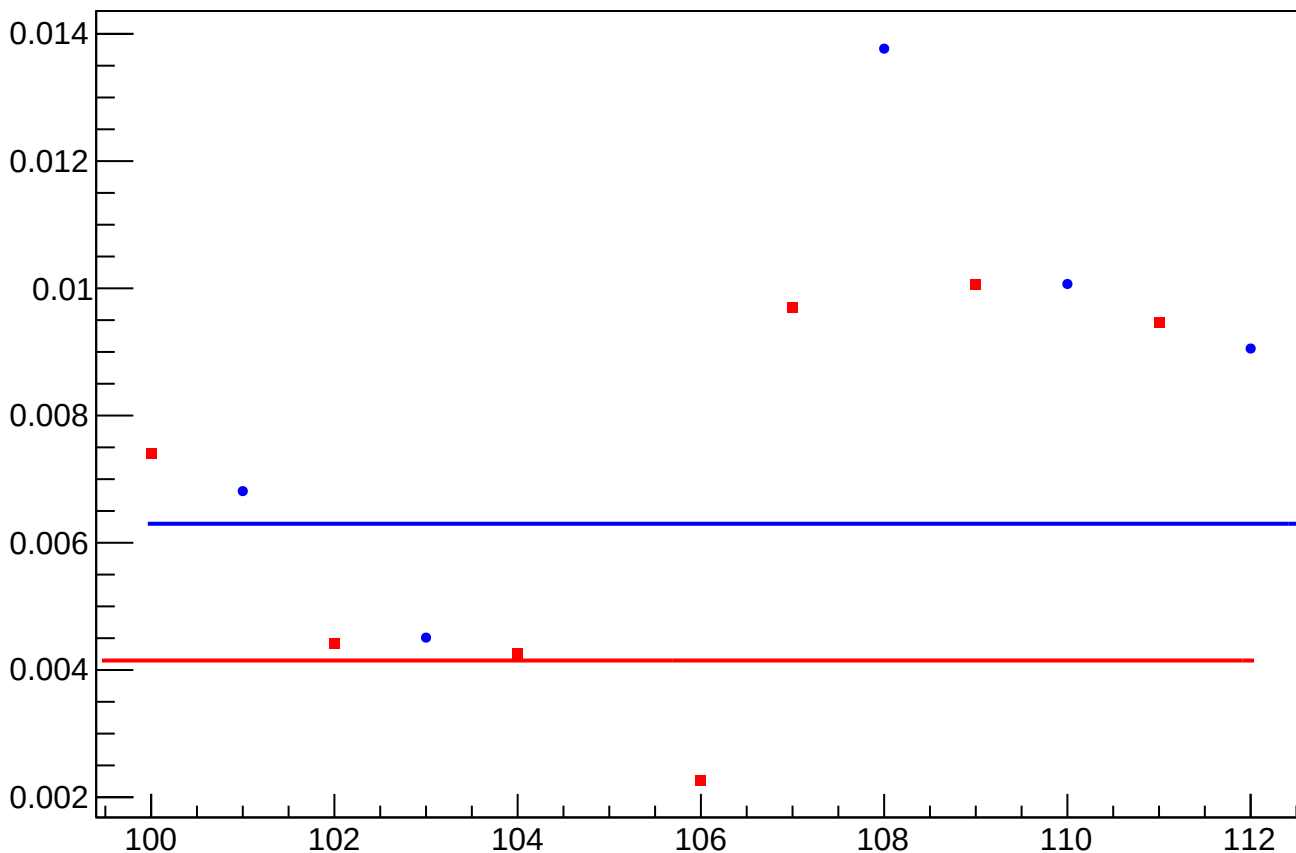
Right: 0.000+/-0.000 χ^2/NDF : 8.4/11

In: -0.000+/-0.000 χ^2/NDF : 3.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.4/11

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 626674.7/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 1164852.2/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

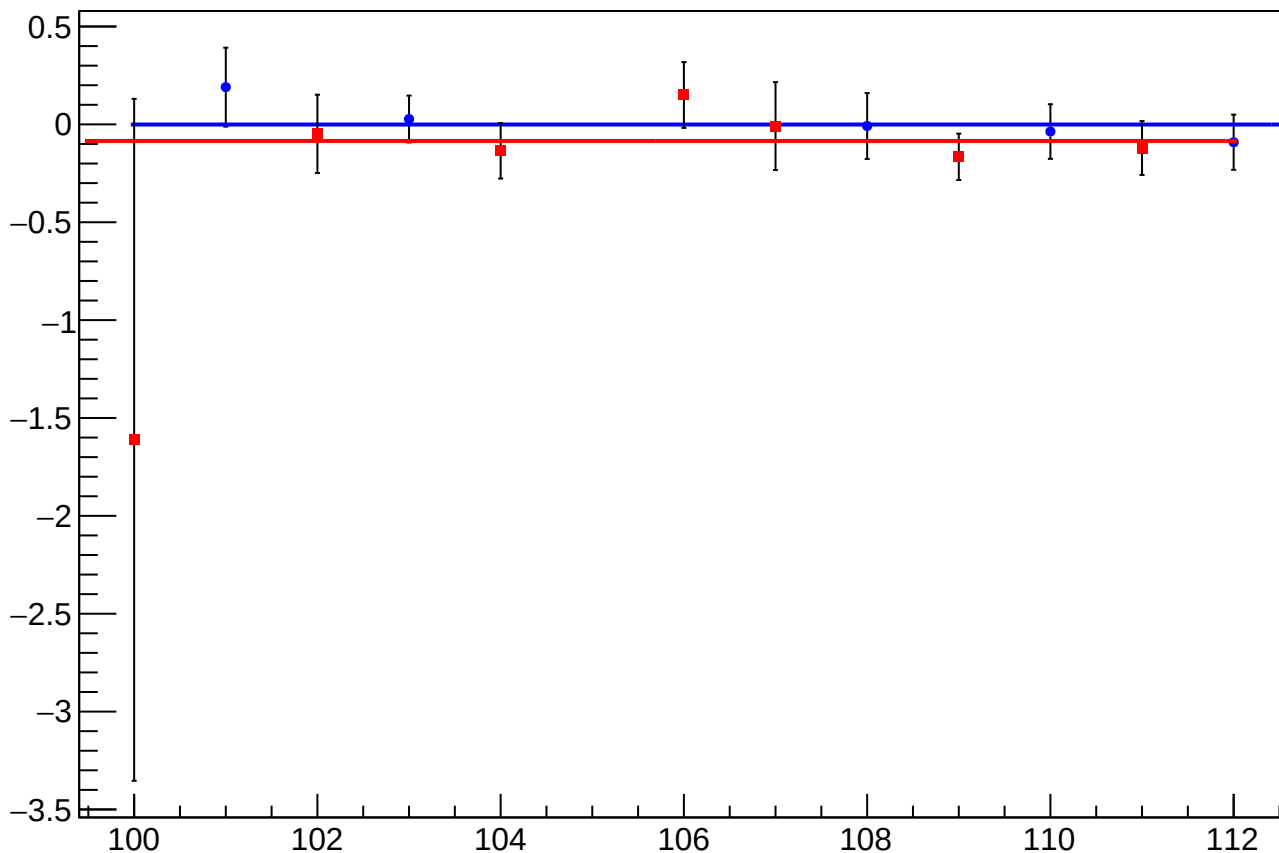
Right: 0.005+/-0.000 χ^2/NDF : 2144153.7/11

In: 0.006+/-0.000 χ^2/NDF :626674.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2144153.7/11

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 $\pm$ 0.066 χ^2 /NDF: 1.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.085 $\pm$ 0.063 χ^2 /NDF: 3.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

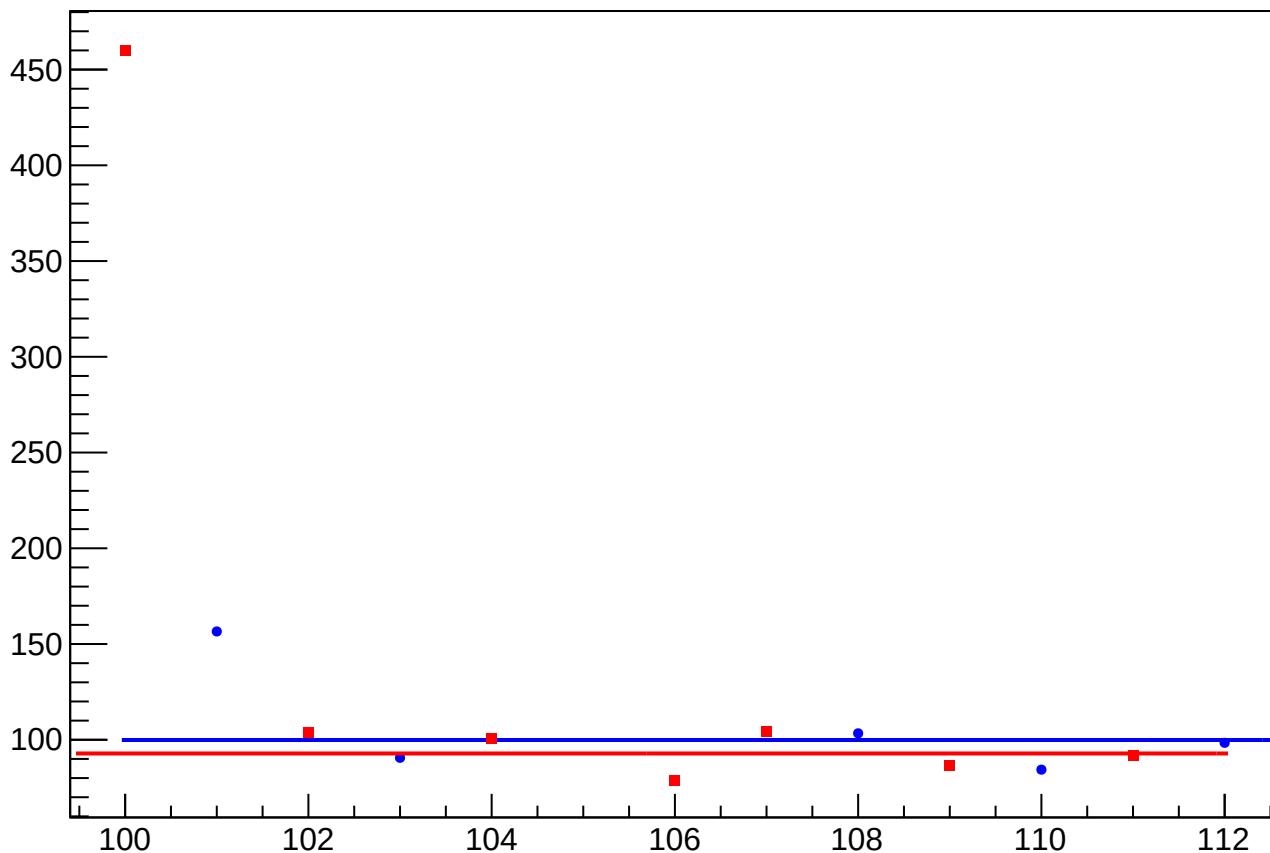
Right: -0.045 $\pm$ 0.045 χ^2 /NDF: 5.8/11

In: -0.001 $\pm$ 0.066 χ^2 /NDF:1.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.045 $\pm$ 0.045 χ^2 /NDF: 5.8/11

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 99.881+/-0.046 χ^2/NDF : 195970.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.844+/-0.044 χ^2/NDF : 126029.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

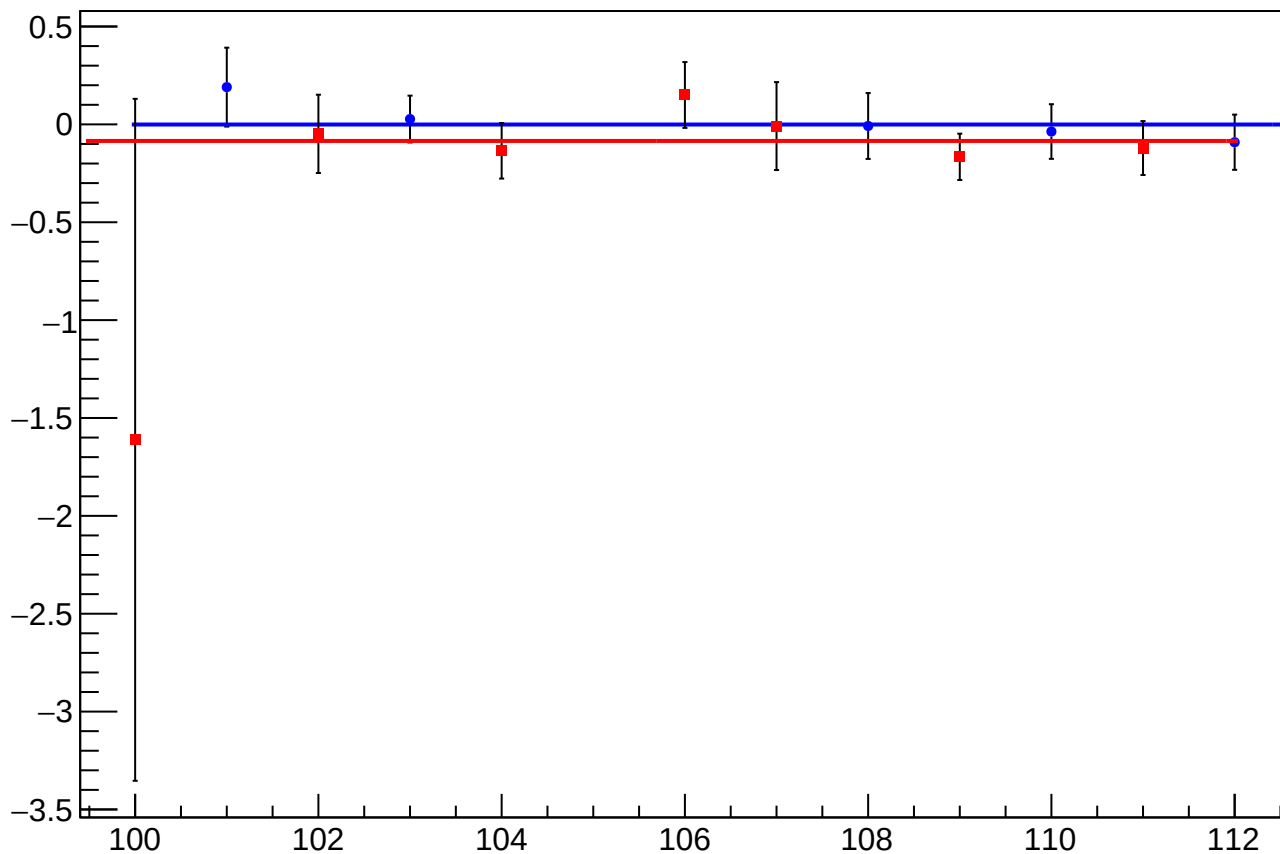
Right: 96.197+/-0.032 χ^2/NDF : 333999.0/11

In: 99.881+/-0.046 χ^2/NDF : 195970.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.197+/-0.032 χ^2/NDF : 333999.0/11

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 $\pm$ 0.066 χ^2 /NDF: 1.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.085 $\pm$ 0.063 χ^2 /NDF: 3.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

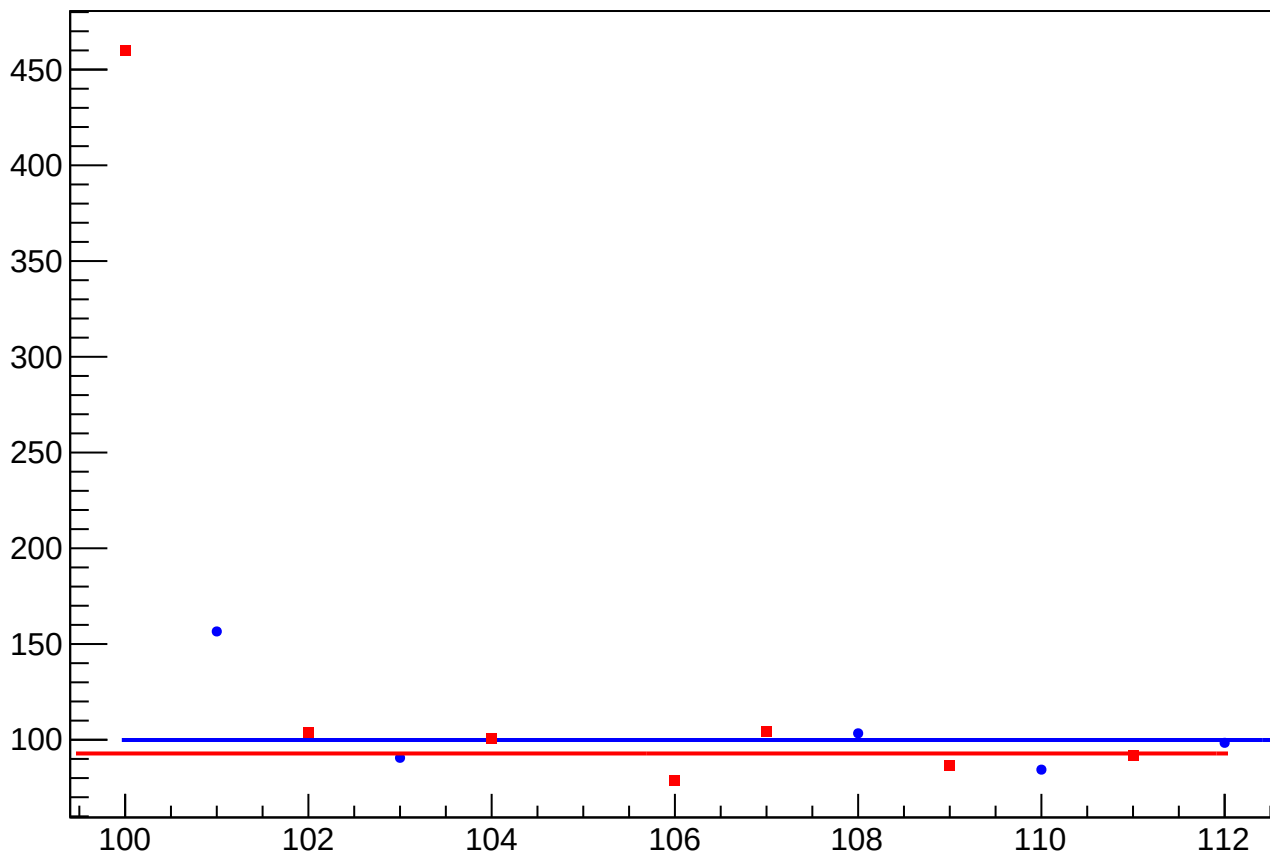
Right: -0.045 $\pm$ 0.045 χ^2 /NDF: 5.8/11

In: -0.001 $\pm$ 0.066 χ^2 /NDF:1.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.045 $\pm$ 0.045 χ^2 /NDF: 5.8/11

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 99.881+/-0.046 χ^2/NDF : 195970.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.844+/-0.044 χ^2/NDF : 126029.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

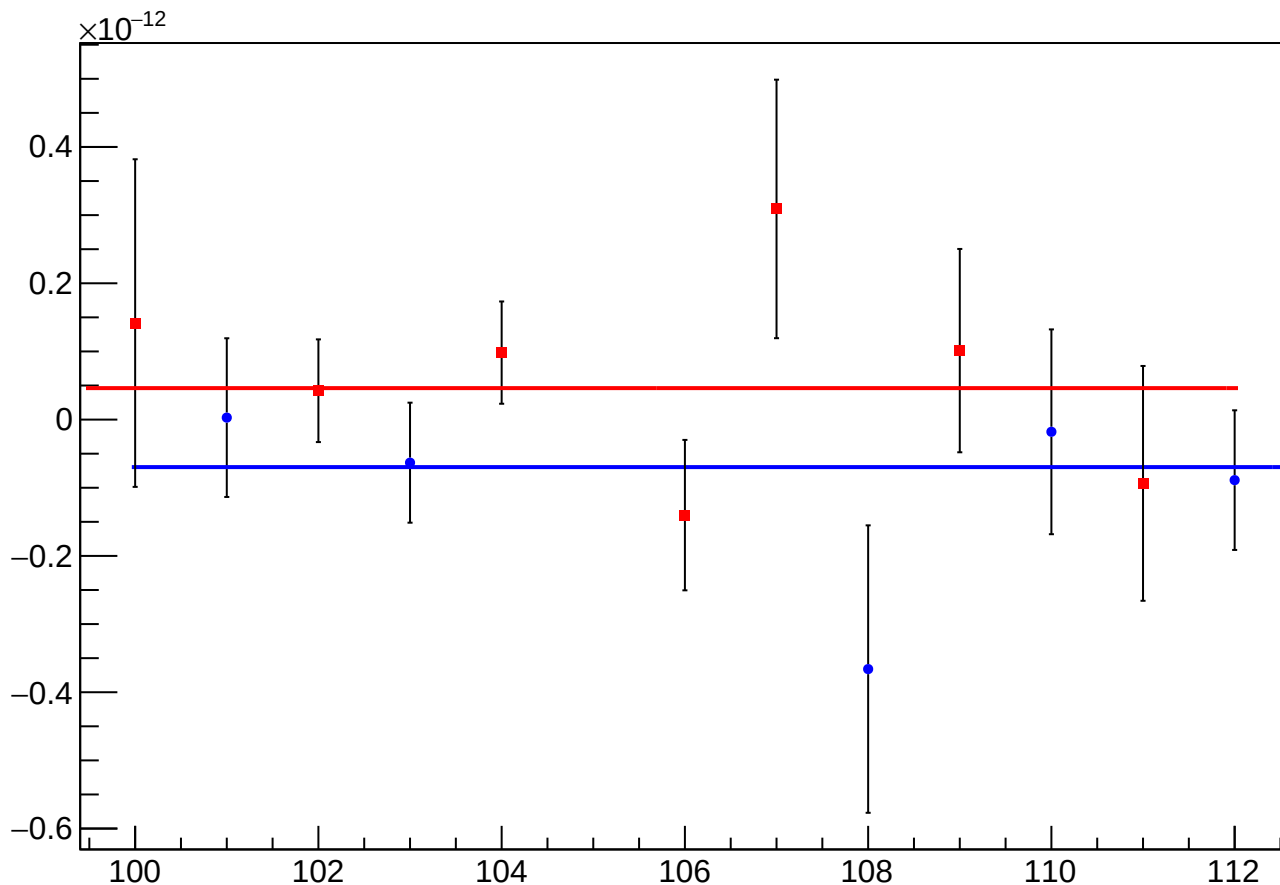
Right: 96.197+/-0.032 χ^2/NDF : 333999.0/11

In: 99.881+/-0.046 χ^2/NDF : 195970.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.197+/-0.032 χ^2/NDF : 333999.0/11

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

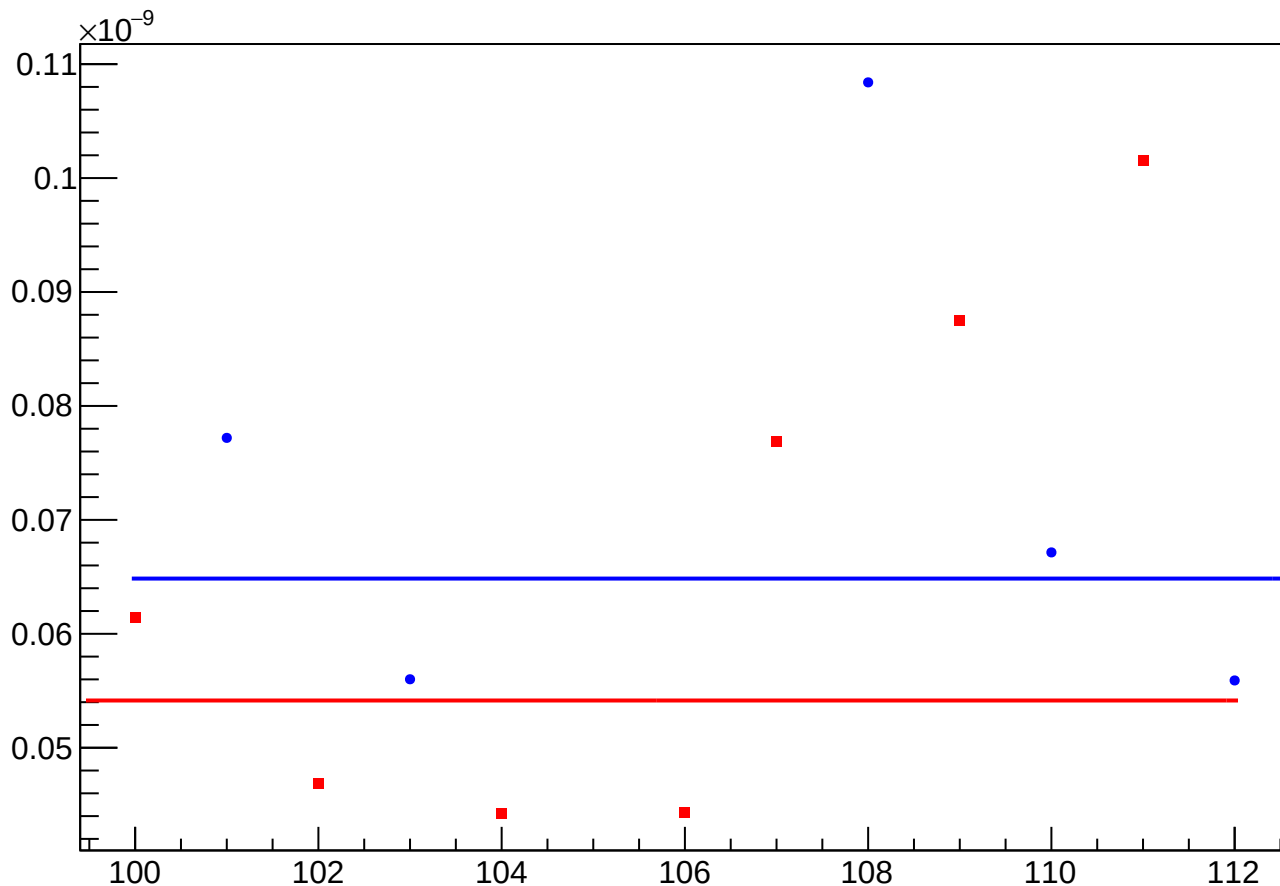
Right: 0.000+/-0.000 χ^2/NDF : 11.7/11

In: -0.000+/-0.000 χ^2/NDF : 2.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.7/11

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 143675.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 351115.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

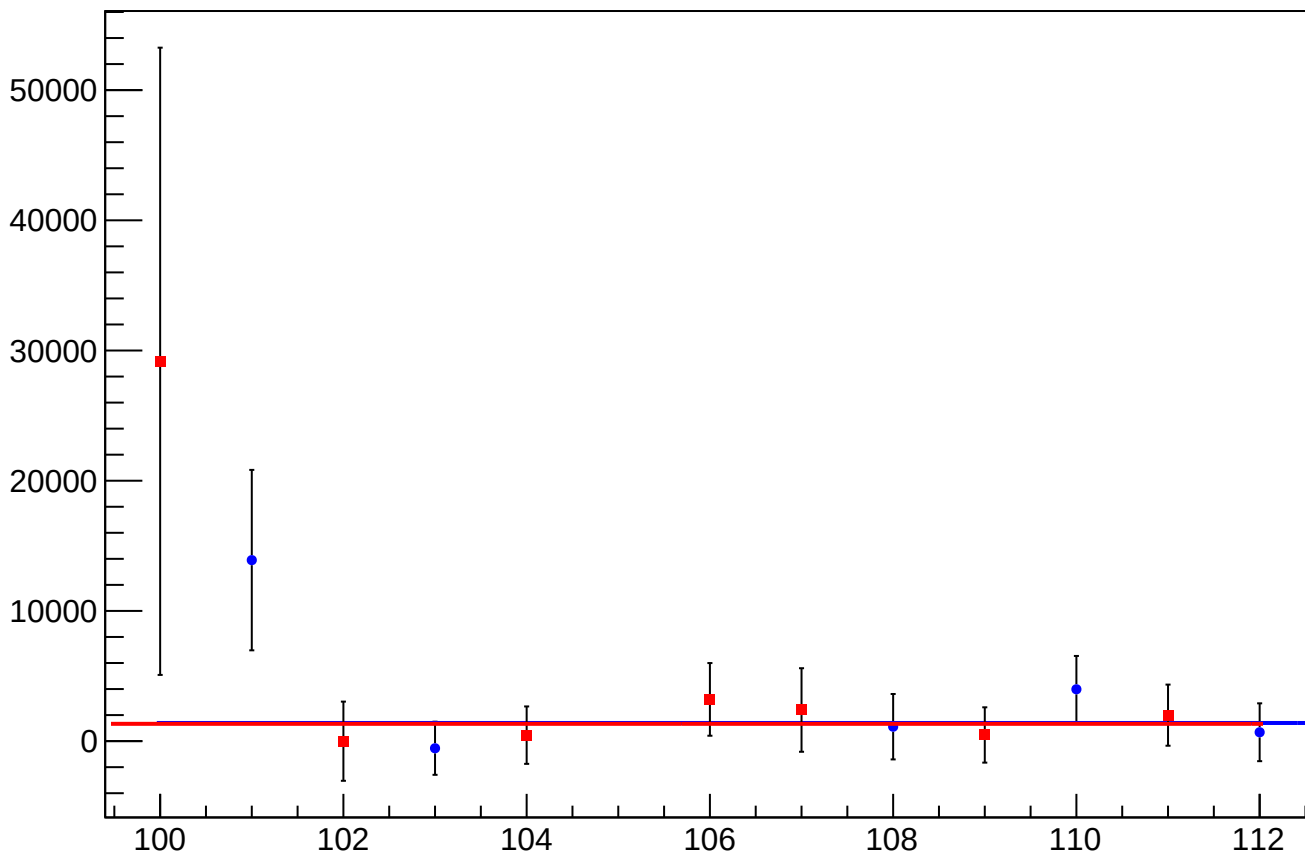
Right: 0.000+/-0.000 χ^2/NDF : 545378.3/11

In: 0.000+/-0.000 χ^2/NDF : 143675.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 545378.3/11

reg_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 1394.115+/-1135.941 χ^2/NDF : 5.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1328.573+/-1029.165 χ^2/NDF : 2.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

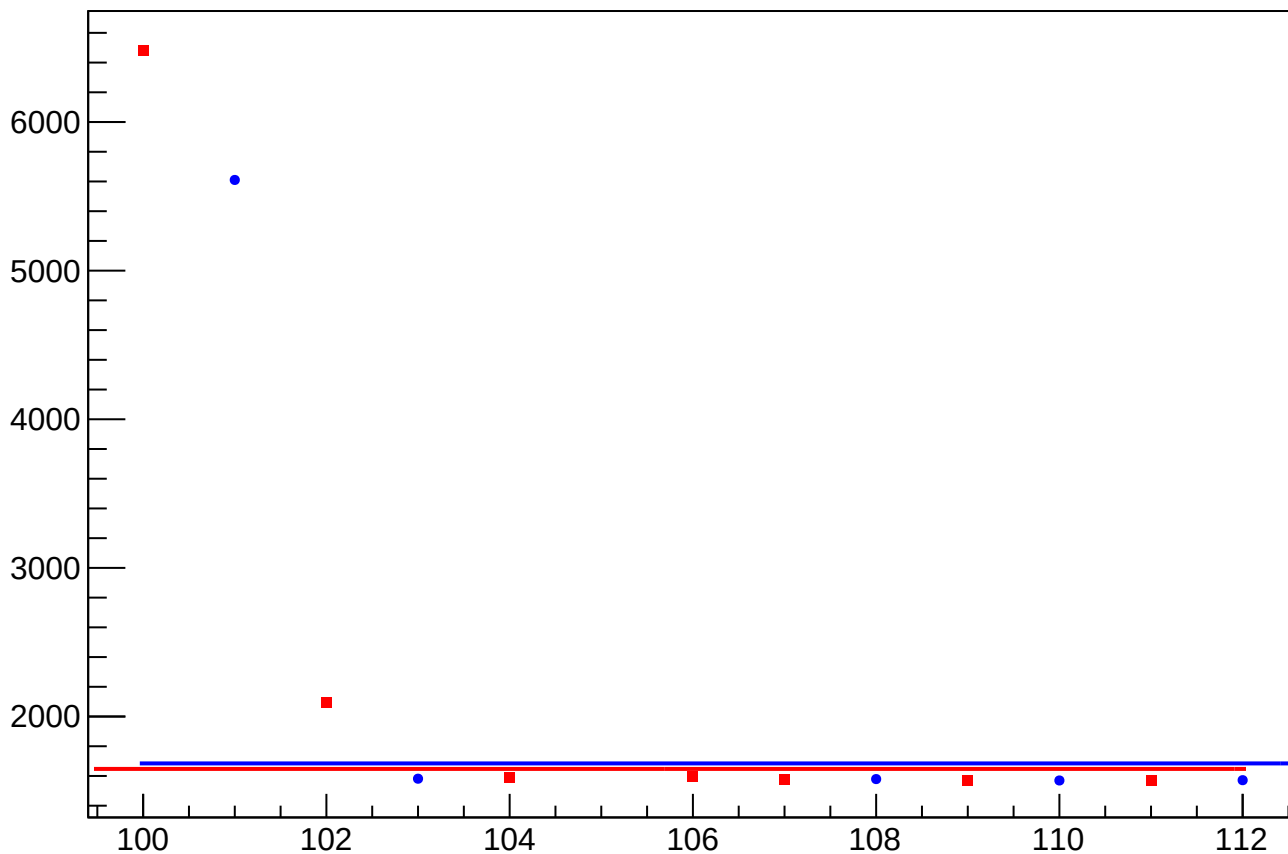
Right: 1358.120+/-762.692 χ^2/NDF : 7.8/11

In: 1394.115+/-1135.941 χ^2/NDF : 5.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1358.120+/-762.692 χ^2/NDF : 7.8/11

reg_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1684.435+/-0.803 χ^2/NDF : 659846.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1647.437+/-0.728 χ^2/NDF : 131828.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

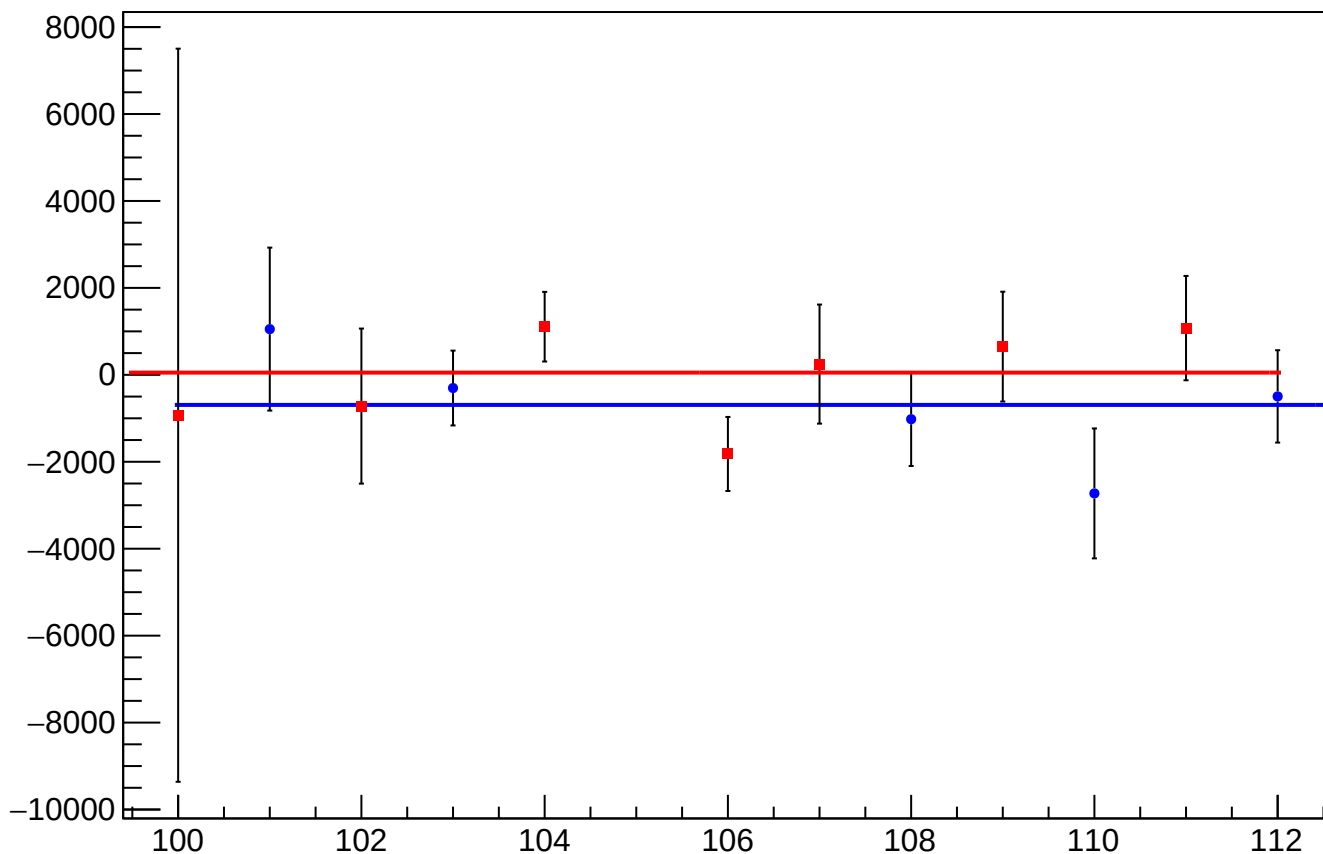
Right: 1664.116+/-0.539 χ^2/NDF : 792839.3/11

In: 1684.435+/-0.803 χ^2/NDF : 659846.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1664.116+/-0.539 χ^2/NDF : 792839.3/11

asym_usr_atr1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -691.872+/-510.893 χ^2/NDF : 3.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.274+/-441.998 χ^2/NDF : 7.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

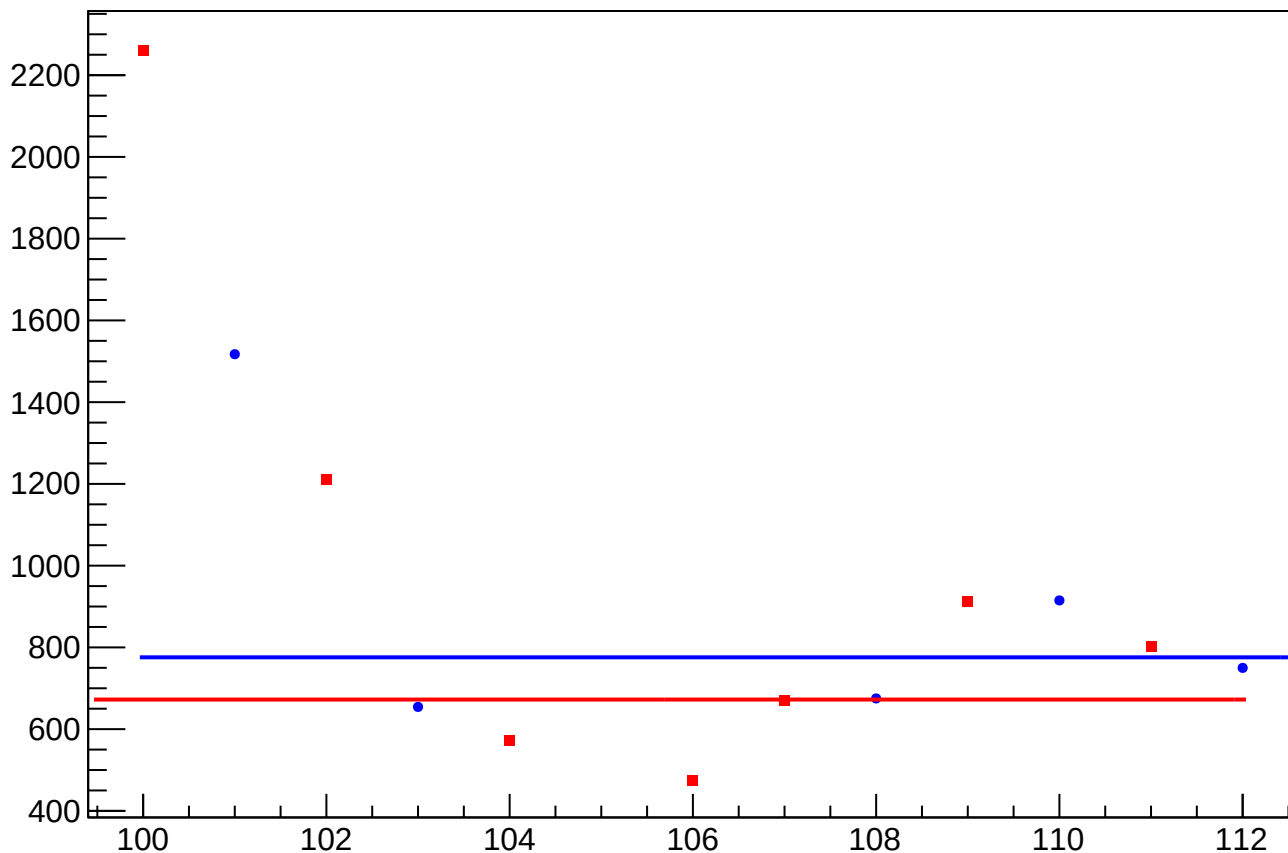
Right: -266.848+/-334.265 χ^2/NDF : 12.0/11

In: -691.872+/-510.893 χ^2/NDF : 3.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -266.848+/-334.265 χ^2/NDF : 12.0/11

asym_usr_atr1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 775.707+/-0.361 χ^2/NDF : 388799.0/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 672.414+/-0.313 χ^2/NDF : 487642.7/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

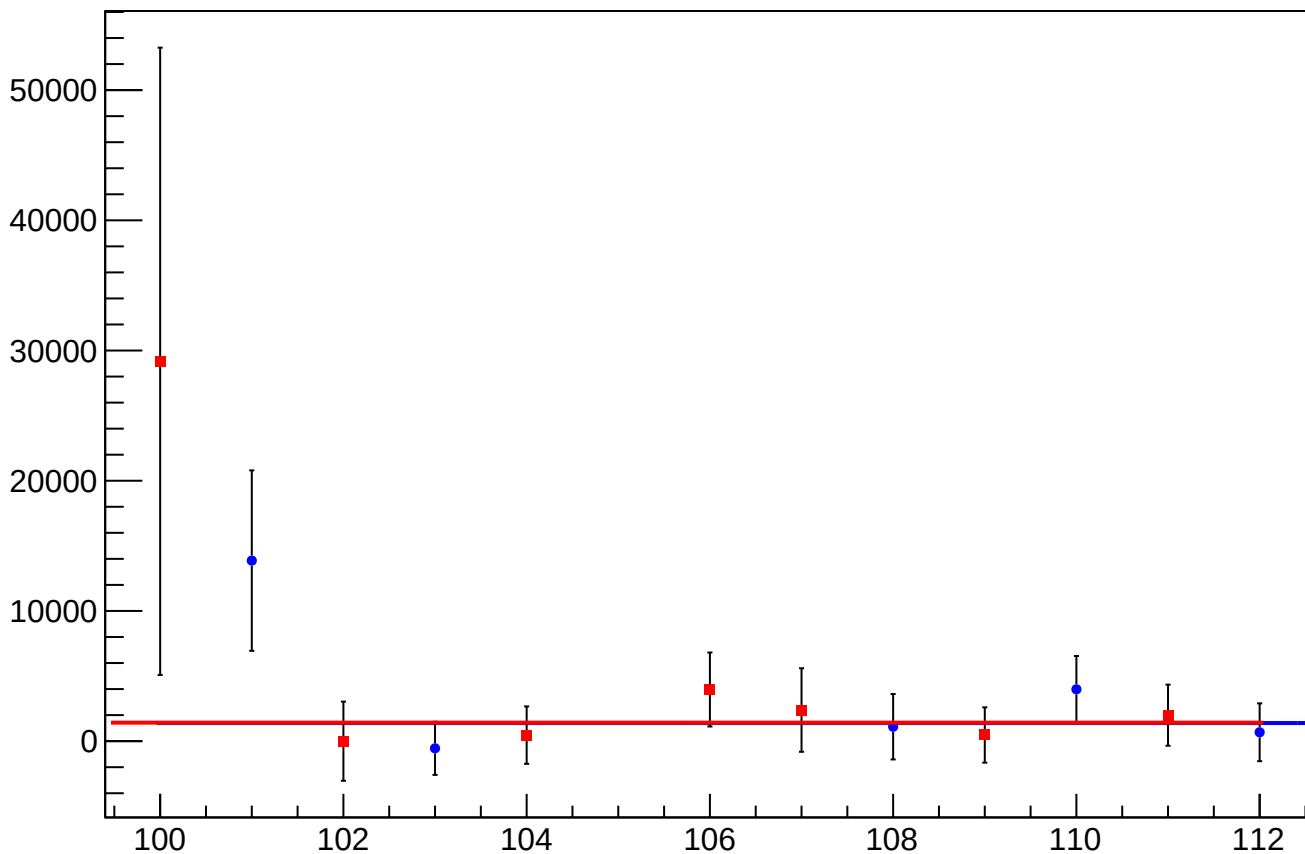
Right: 716.631+/-0.236 χ^2/NDF : 923199.2/11

In: 775.707+/-0.361 χ^2/NDF :388799.0/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 716.631+/-0.236 χ^2/NDF : 923199.2/11

cor_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 1392.422+/-1135.942 χ^2 /NDF: 5.3/4

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1421.523+/-1031.581 χ^2 /NDF: 2.9/6

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

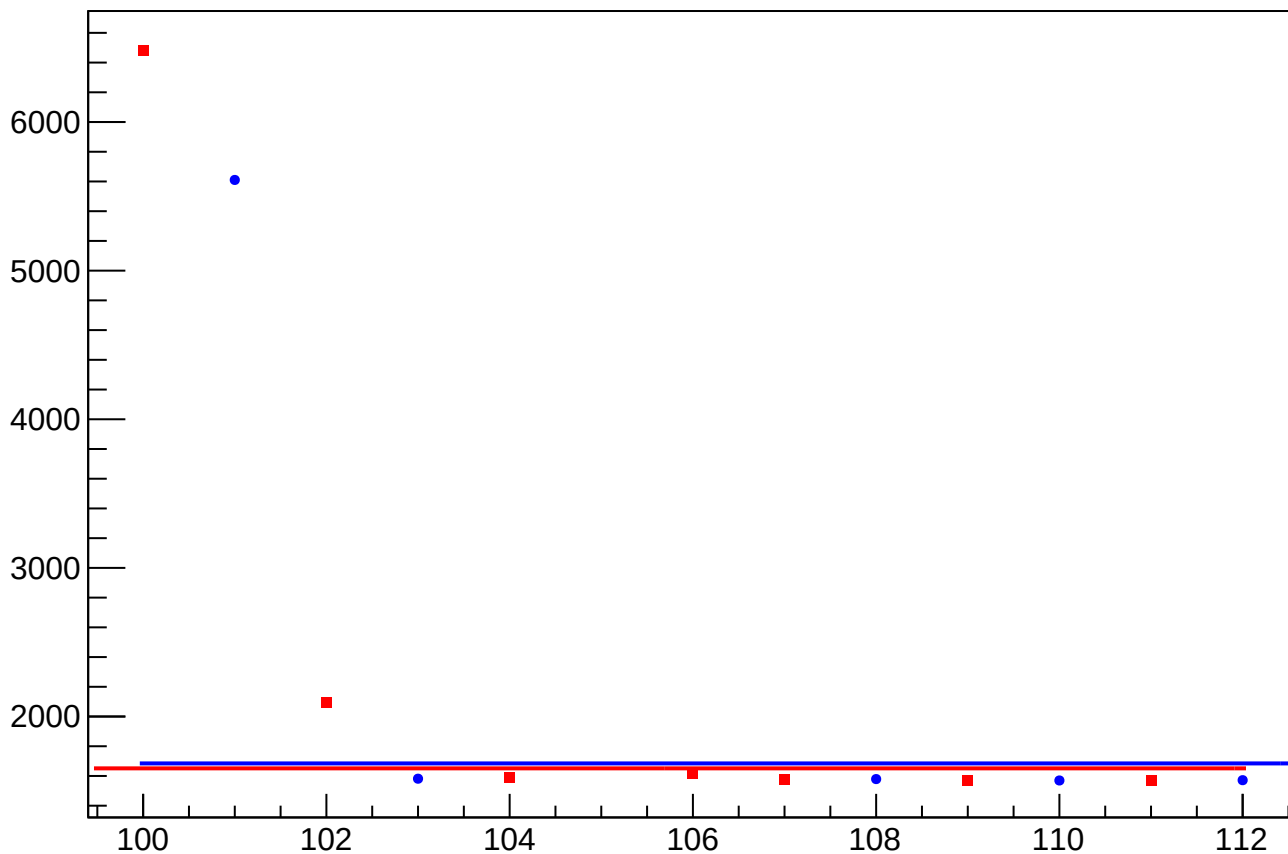
Right: 1408.370+/-763.674 χ^2 /NDF: 8.2/11

In: 1392.422+/-1135.942 χ^2 /NDF: 5.3/4

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1408.370+/-763.674 χ^2 /NDF: 8.2/11

cor_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1684.435+/-0.803 χ^2/NDF : 659845.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1651.185+/-0.729 χ^2/NDF : 131239.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

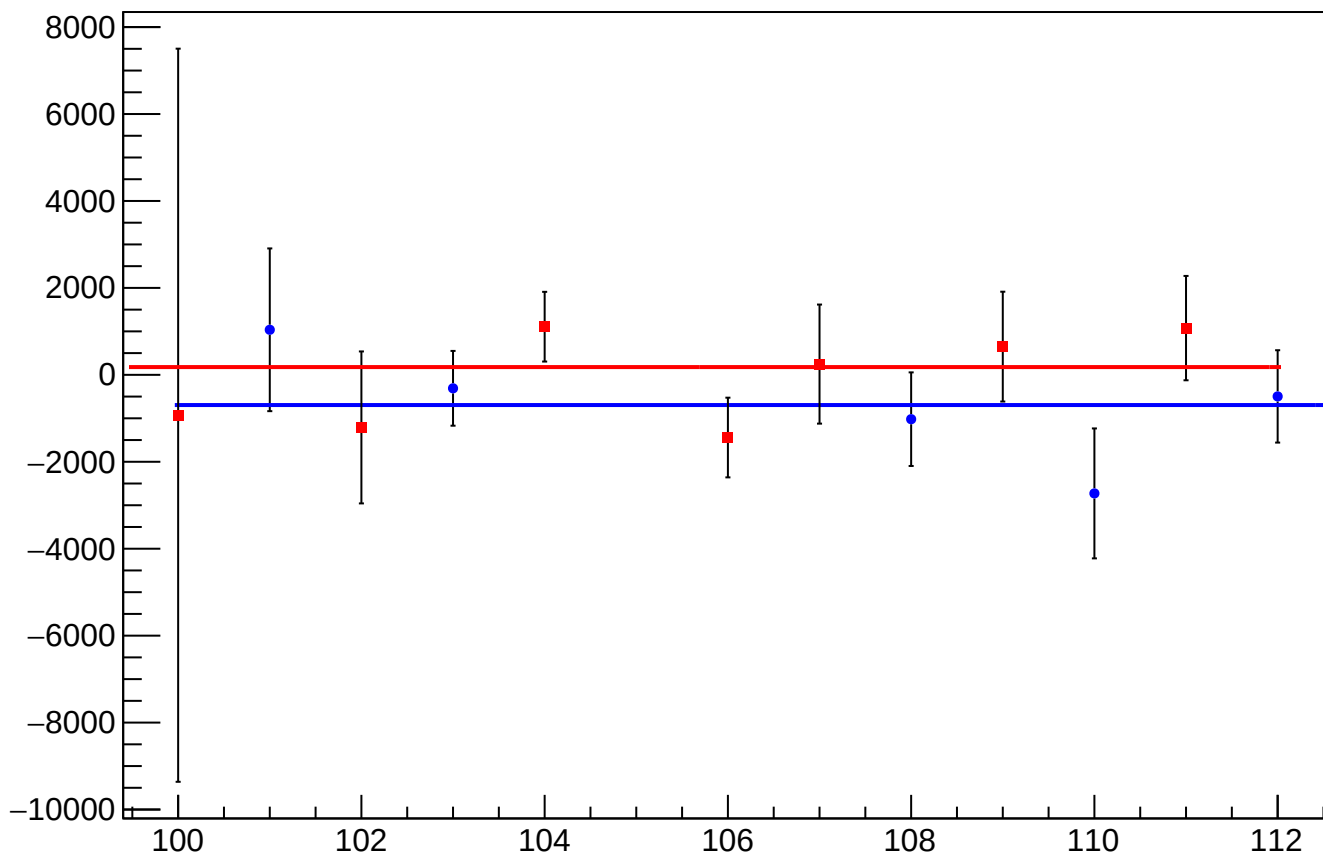
Right: 1666.213+/-0.540 χ^2/NDF : 792024.4/11

In: 1684.435+/-0.803 χ^2/NDF : 659845.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1666.213+/-0.540 χ^2/NDF : 792024.4/11

asym_usr_atr1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -694.805+/-510.739 χ^2/NDF : 3.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.588+/-449.911 χ^2/NDF : 5.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

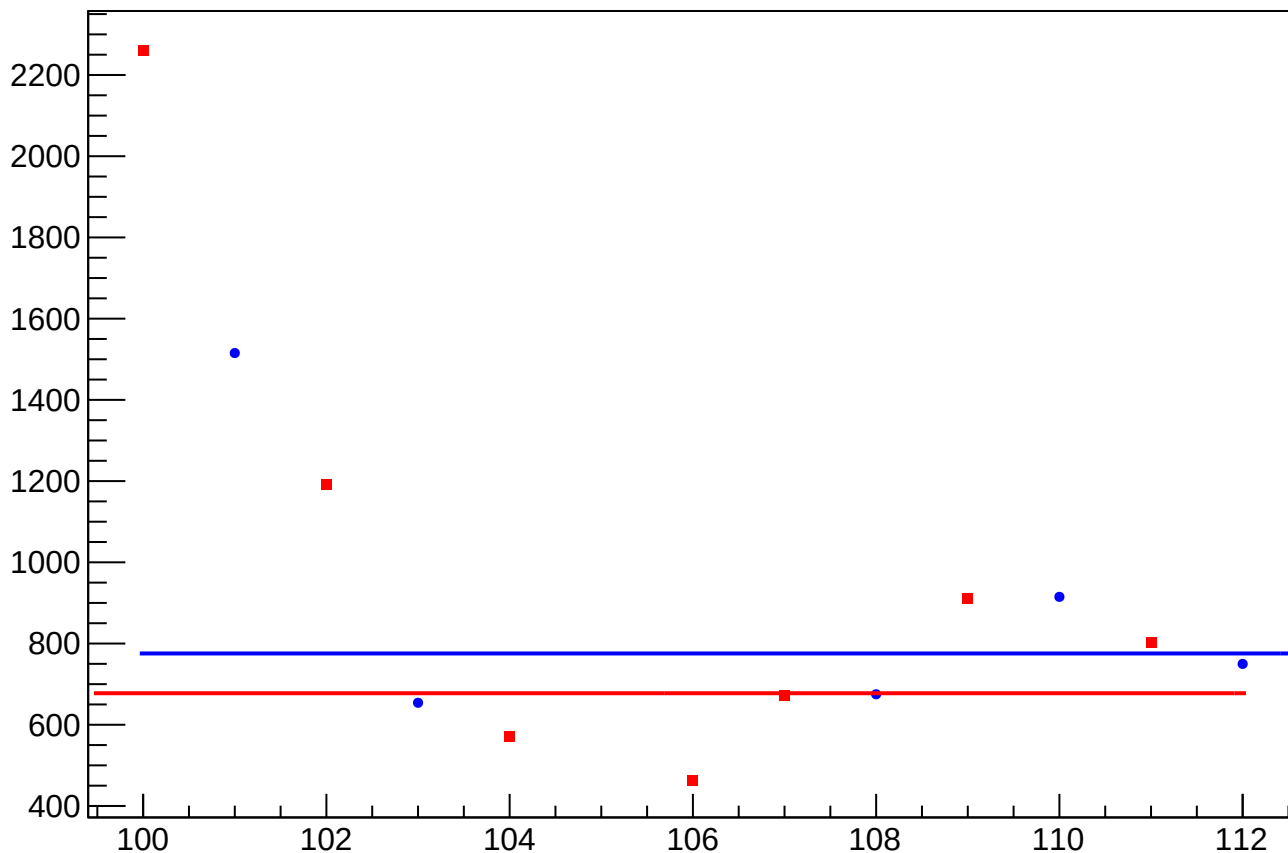
Right: -203.027+/-337.604 χ^2/NDF : 10.5/11

In: -694.805+/-510.739 χ^2/NDF : 3.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -203.027+/-337.604 χ^2/NDF : 10.5/11

asym_usr_atr1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 775.547 $\pm$ 0.361 χ^2 /NDF: 388214.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 677.631 $\pm$ 0.318 χ^2 /NDF: 477723.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

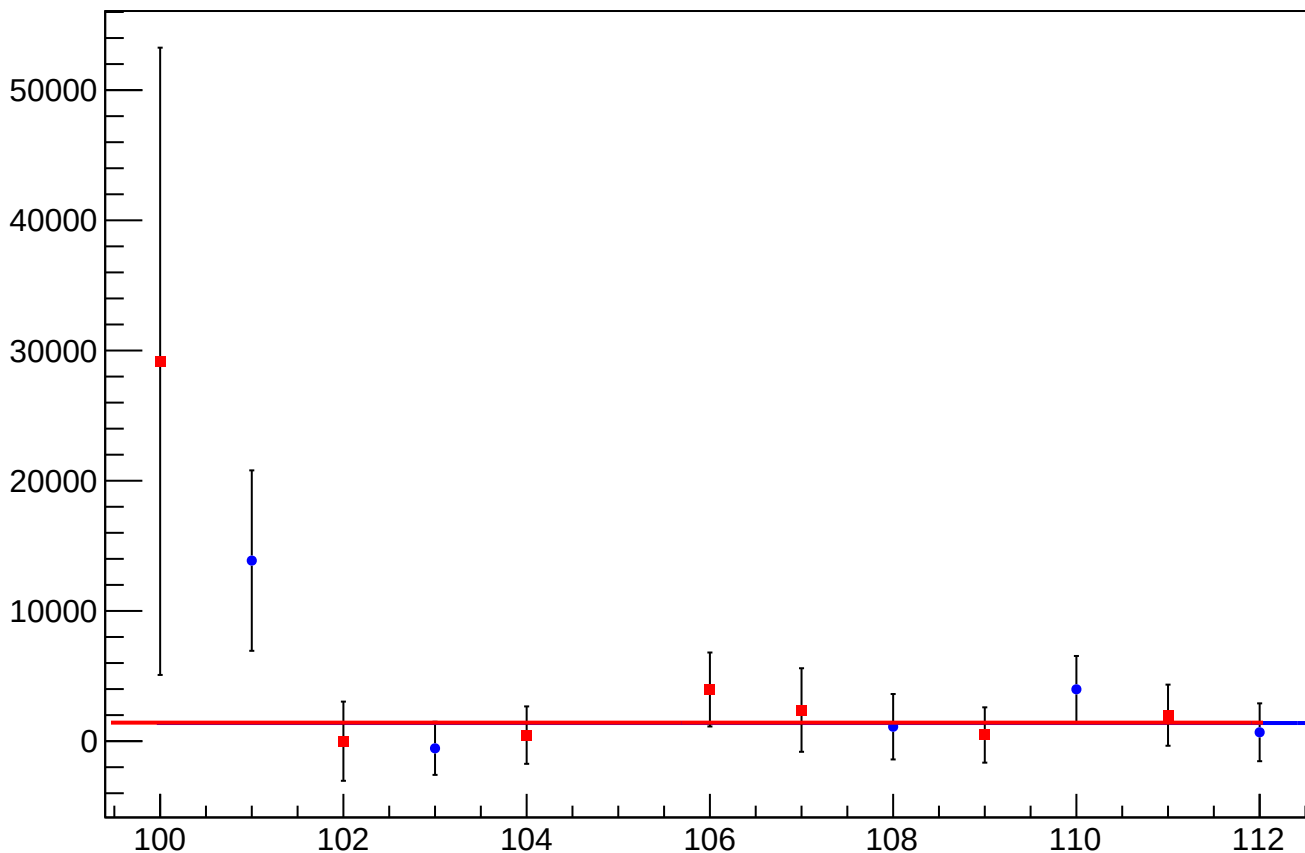
Right: 720.413 $\pm$ 0.239 χ^2 /NDF: 907327.2/11

In: 775.547 $\pm$ 0.361 χ^2 /NDF:388214.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 720.413 $\pm$ 0.239 χ^2 /NDF: 907327.2/11

eigen_cor_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 1392.422+/-1135.942 χ^2 /NDF: 5.3/4

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1421.523+/-1031.581 χ^2 /NDF: 2.9/6

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

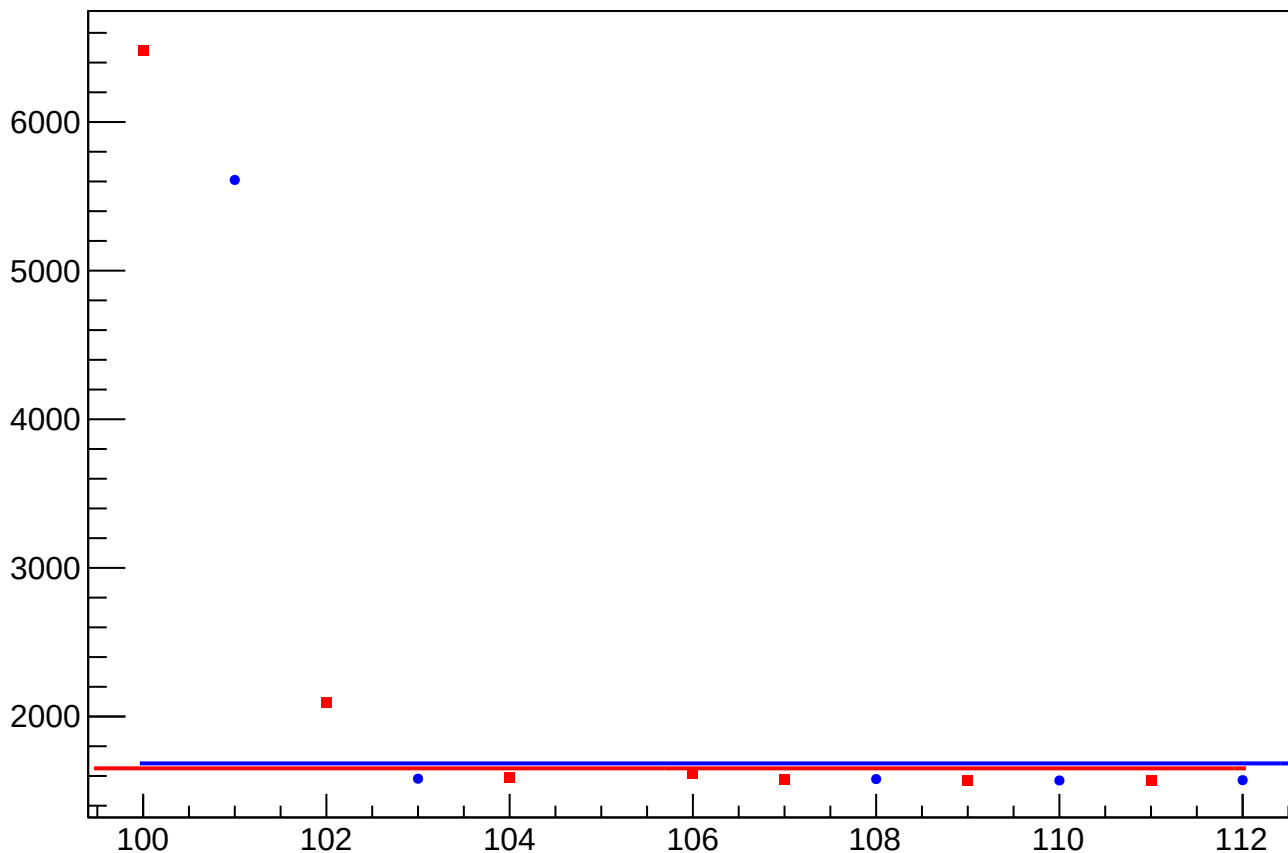
Right: 1408.370+/-763.674 χ^2 /NDF: 8.2/11

In: 1392.422+/-1135.942 χ^2 /NDF: 5.3/4

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1408.370+/-763.674 χ^2 /NDF: 8.2/11

eigen_cor_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1684.435+/-0.803 χ^2/NDF : 659845.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1651.185+/-0.729 χ^2/NDF : 131239.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

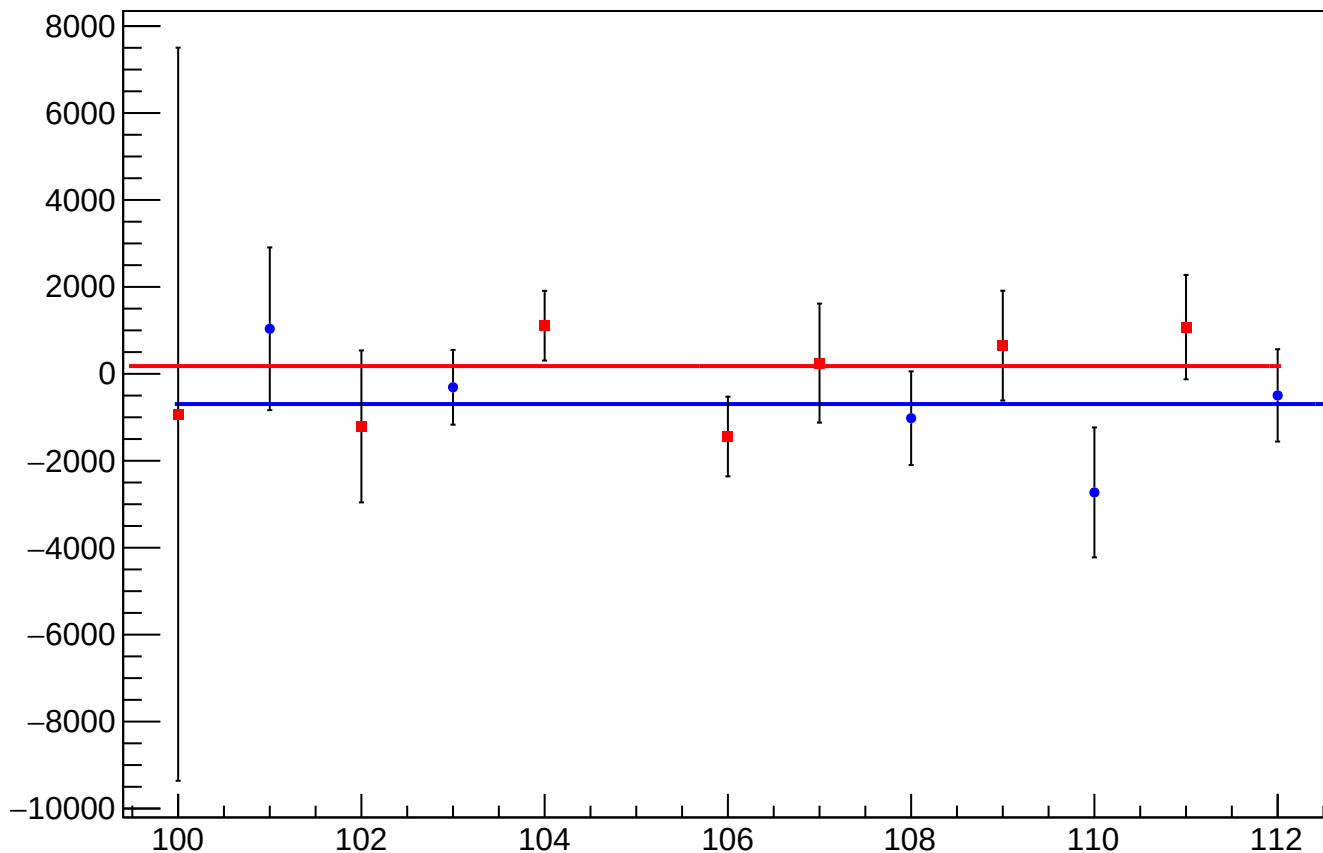
Right: 1666.213+/-0.540 χ^2/NDF : 792024.4/11

In: 1684.435+/-0.803 χ^2/NDF : 659845.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1666.213+/-0.540 χ^2/NDF : 792024.4/11

asym_usr_atr1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -694.805+/-510.739 χ^2/NDF : 3.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.588+/-449.911 χ^2/NDF : 5.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

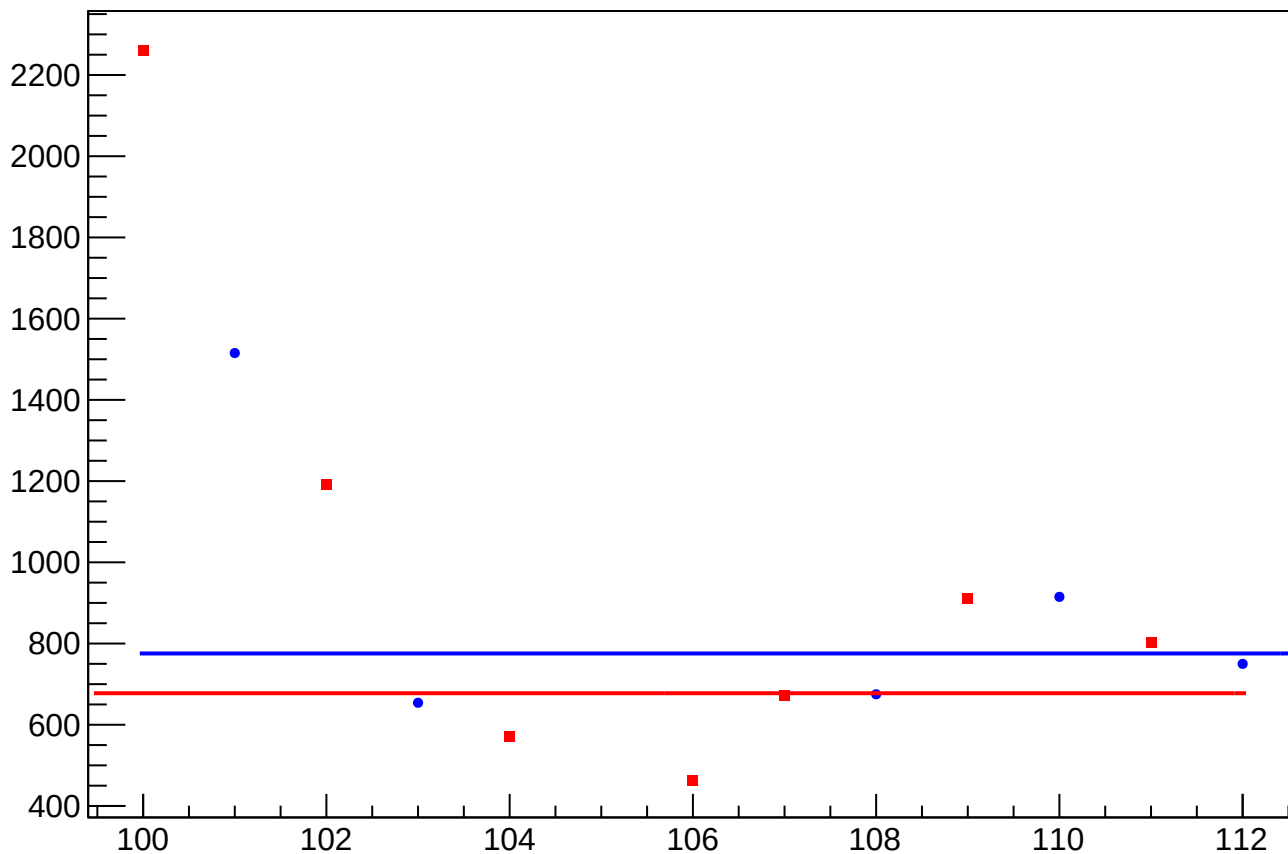
Right: -203.027+/-337.604 χ^2/NDF : 10.5/11

In: -694.805+/-510.739 χ^2/NDF : 3.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -203.027+/-337.604 χ^2/NDF : 10.5/11

asym_usr_atr1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 775.547 $\pm$ 0.361 χ^2 /NDF: 388214.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 677.631 $\pm$ 0.318 χ^2 /NDF: 477723.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

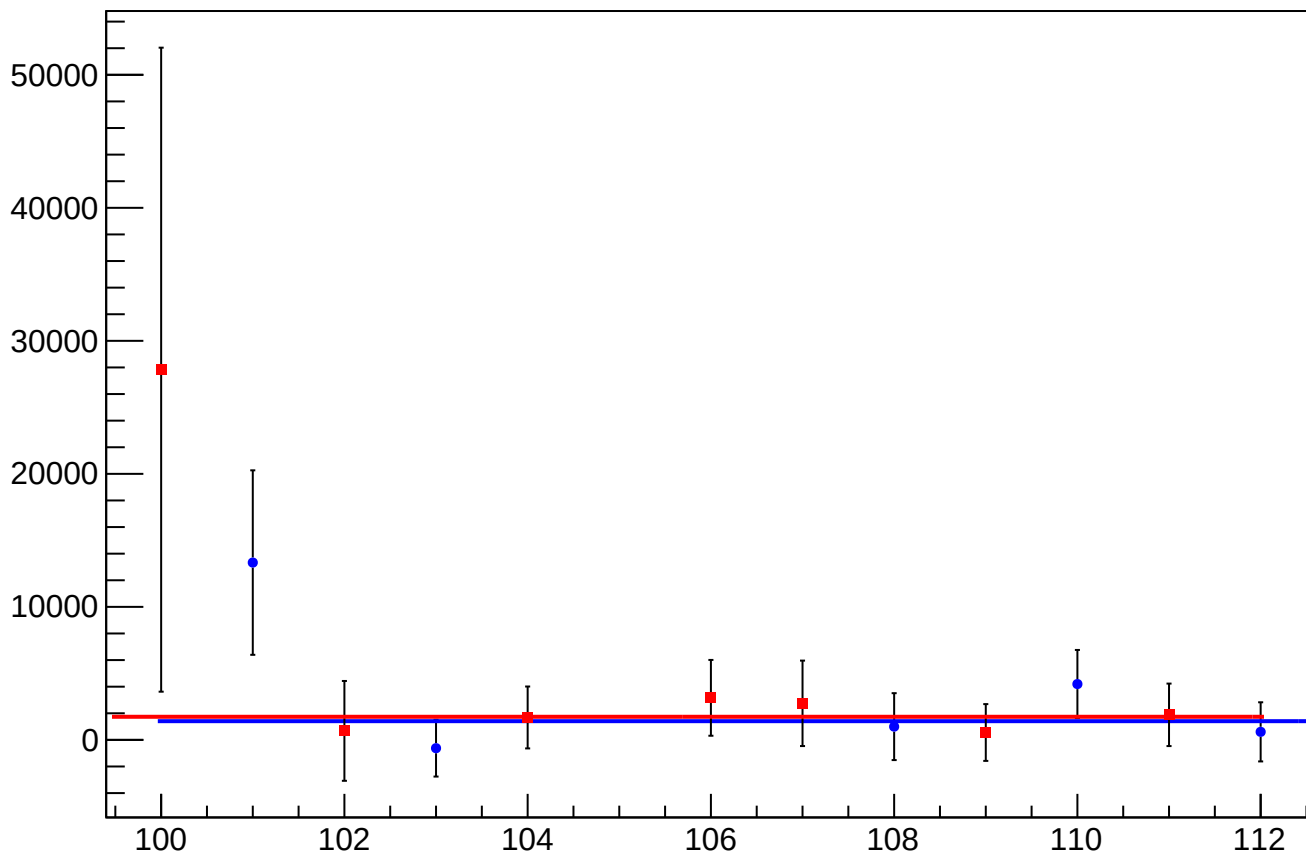
Right: 720.413 $\pm$ 0.239 χ^2 /NDF: 907327.2/11

In: 775.547 $\pm$ 0.361 χ^2 /NDF:388214.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 720.413 $\pm$ 0.239 χ^2 /NDF: 907327.2/11

dit_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 1406.572+/-1152.391 χ^2/NDF : 5.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1737.161+/-1067.059 χ^2/NDF : 1.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

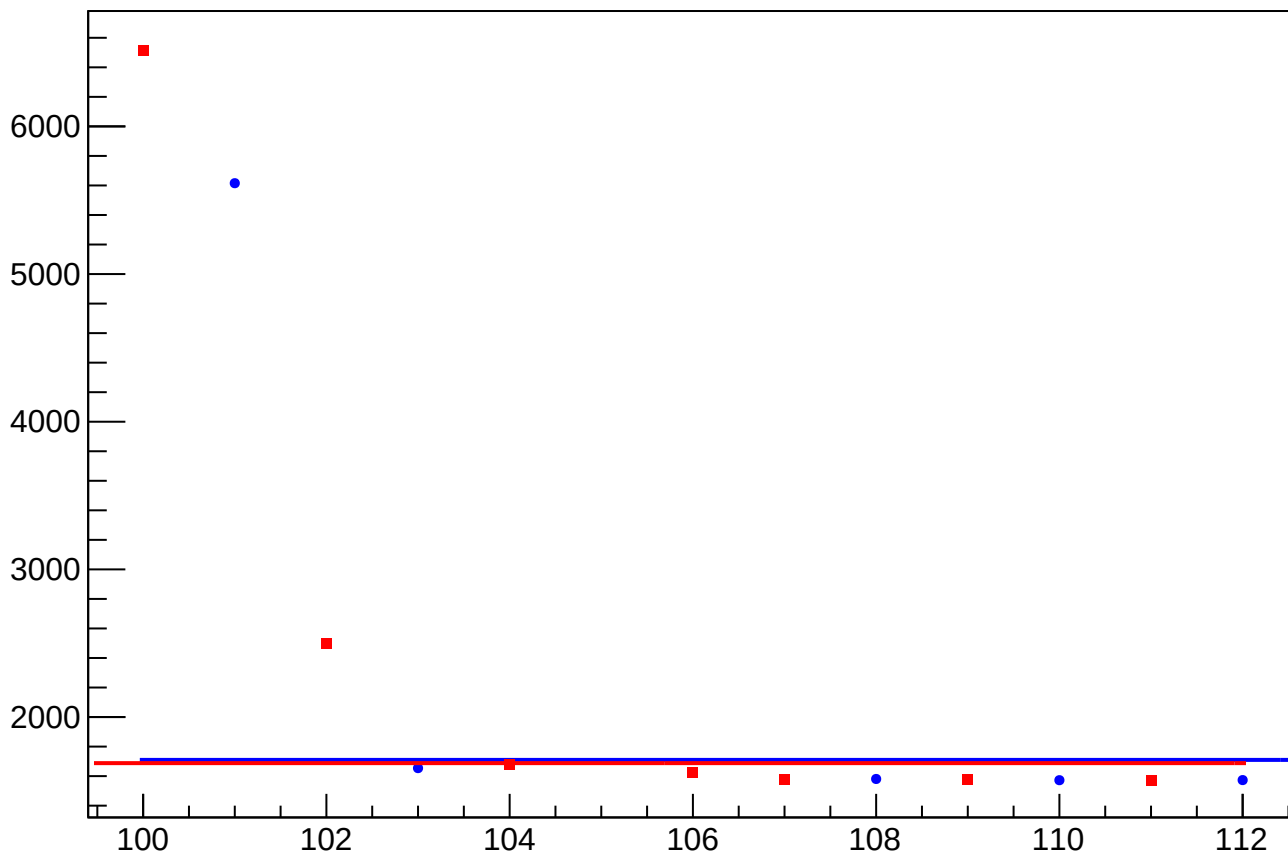
Right: 1584.558+/-782.956 χ^2/NDF : 7.1/11

In: 1406.572+/-1152.391 χ^2/NDF : 5.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1584.558+/-782.956 χ^2/NDF : 7.1/11

dit_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1709.859+/-0.815 χ^2/NDF : 654223.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1687.947+/-0.755 χ^2/NDF : 185912.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

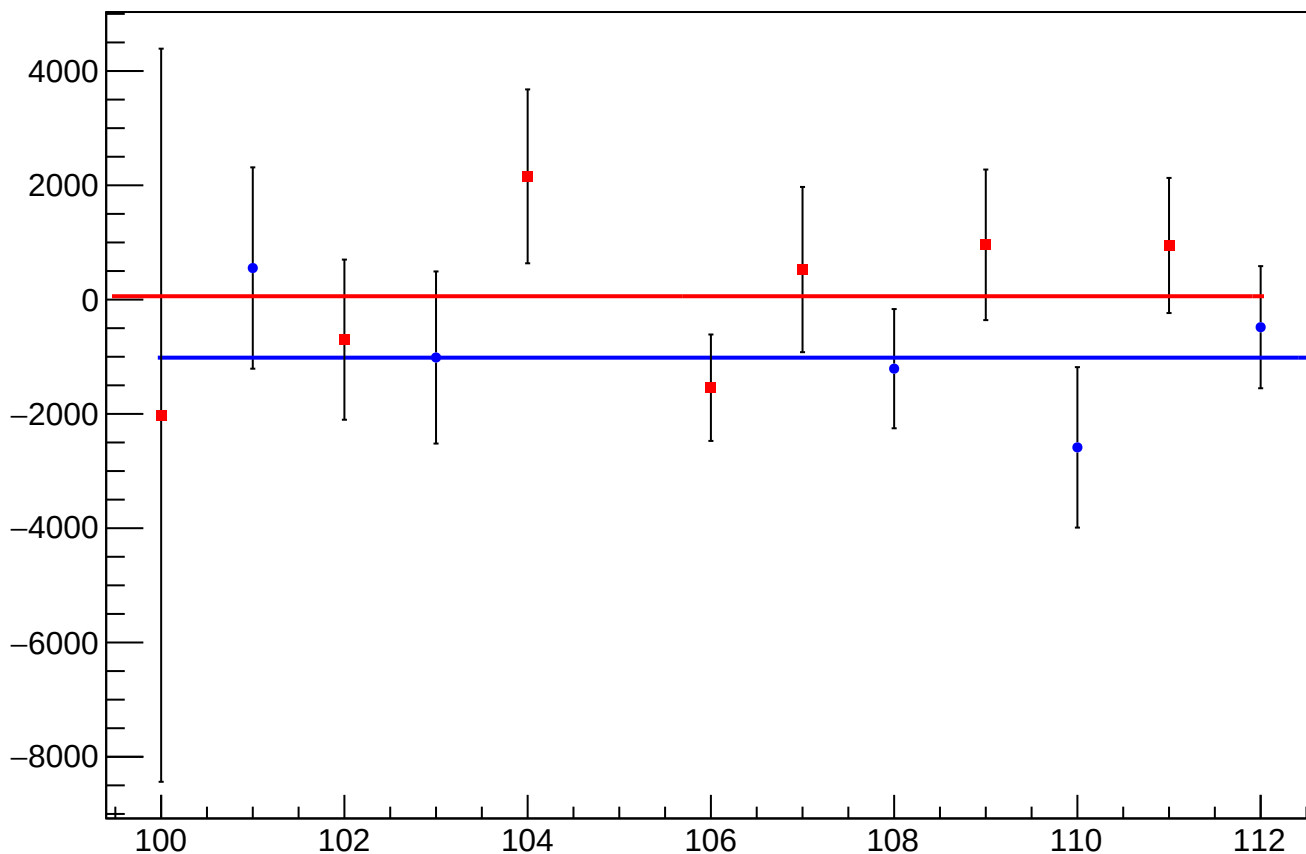
Right: 1698.061+/-0.554 χ^2/NDF : 840524.4/11

In: 1709.859+/-0.815 χ^2/NDF : 654223.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1698.061+/-0.554 χ^2/NDF : 840524.4/11

asym_usr_atr1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1015.758 $\pm$ 571.141 χ^2 /NDF: 2.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 58.993 $\pm$ 507.107 χ^2 /NDF: 6.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

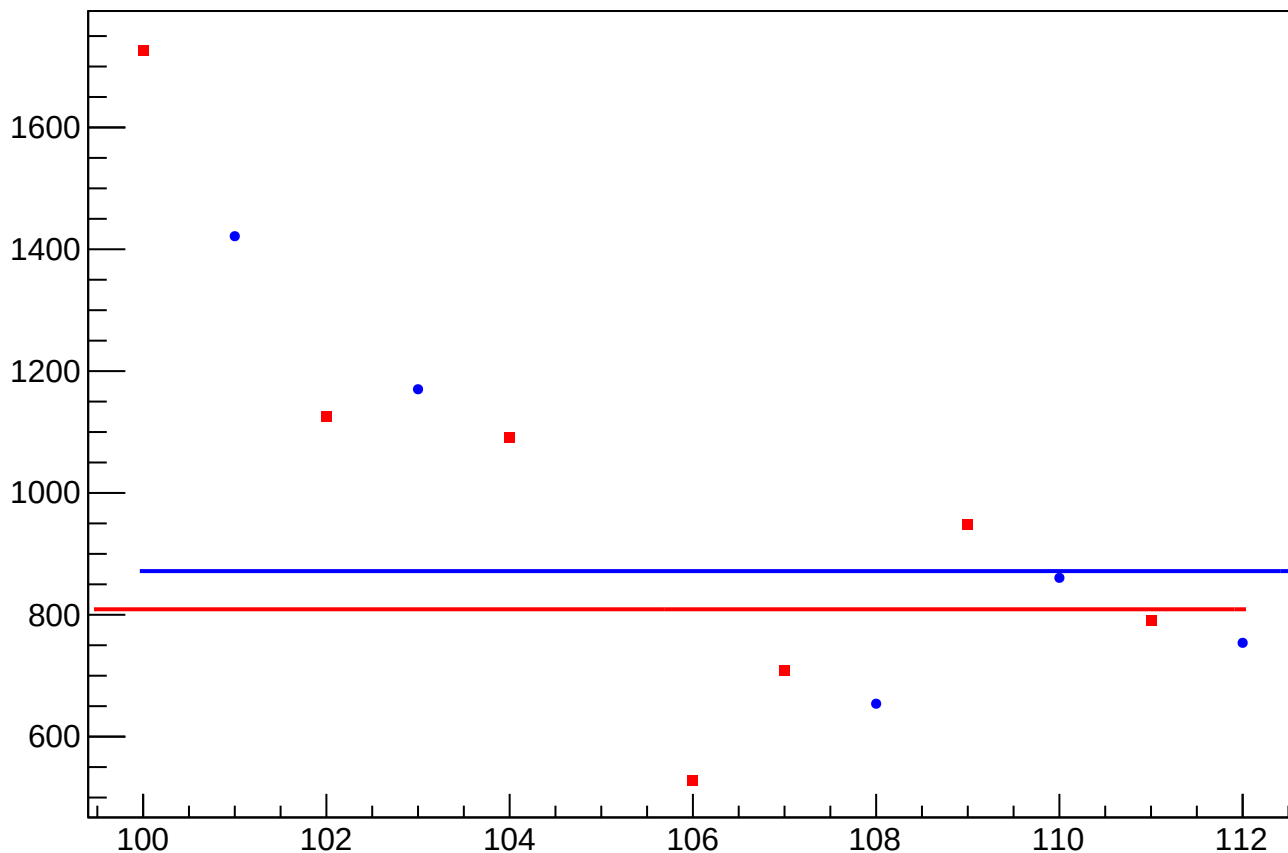
Right: -414.780 $\pm$ 379.205 χ^2 /NDF: 10.7/11

In: -1015.758 $\pm$ 571.141 χ^2 /NDF:2.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -414.780 $\pm$ 379.205 χ^2 /NDF: 10.7/11

asym_usr_atr1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 871.718+/-0.404 χ^2/NDF : 384903.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 809.032+/-0.359 χ^2/NDF : 426301.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

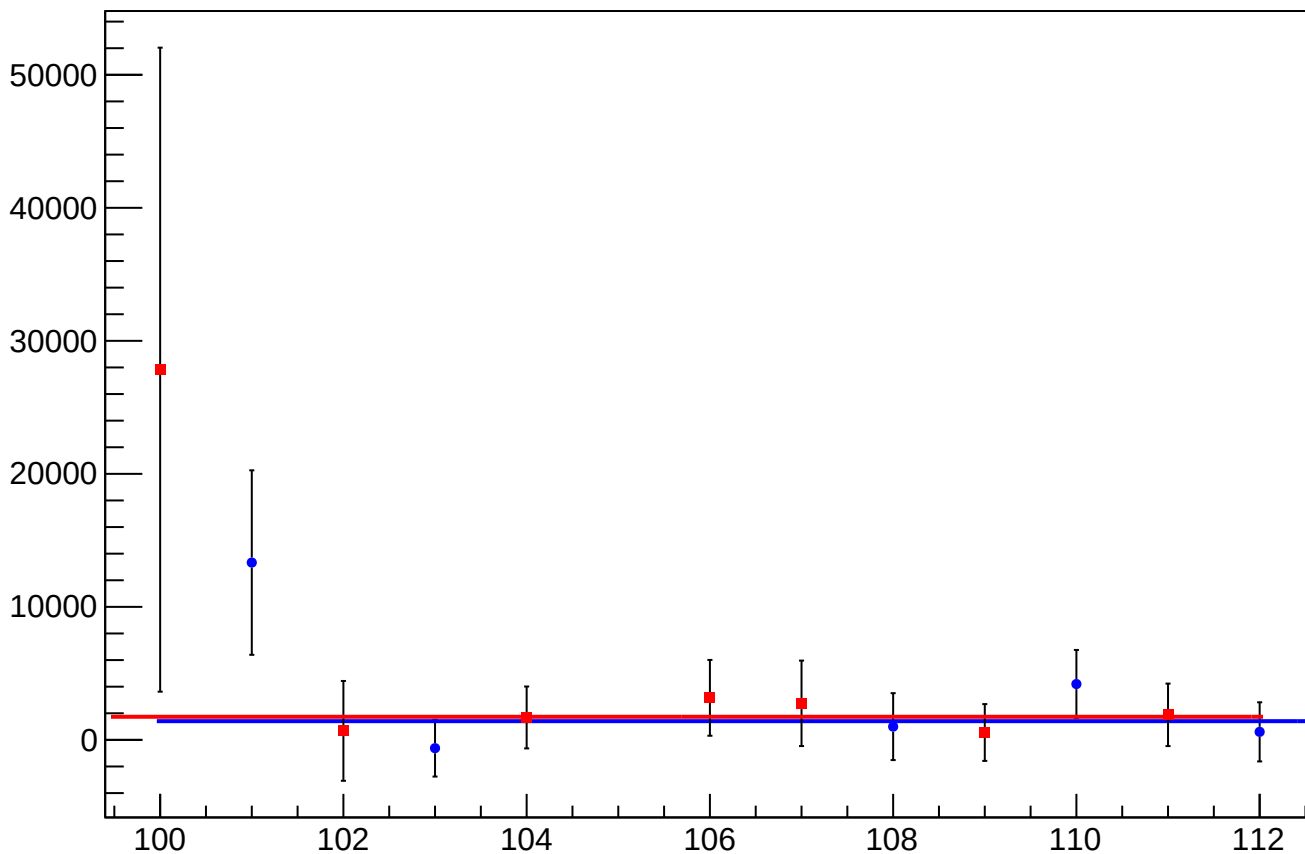
Right: 836.665+/-0.268 χ^2/NDF : 824676.8/11

In: 871.718+/-0.404 χ^2/NDF : 384903.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 836.665+/-0.268 χ^2/NDF : 824676.8/11

eigen_dit_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 1406.575+/-1152.391 χ^2/NDF : 5.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1737.155+/-1067.059 χ^2/NDF : 1.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

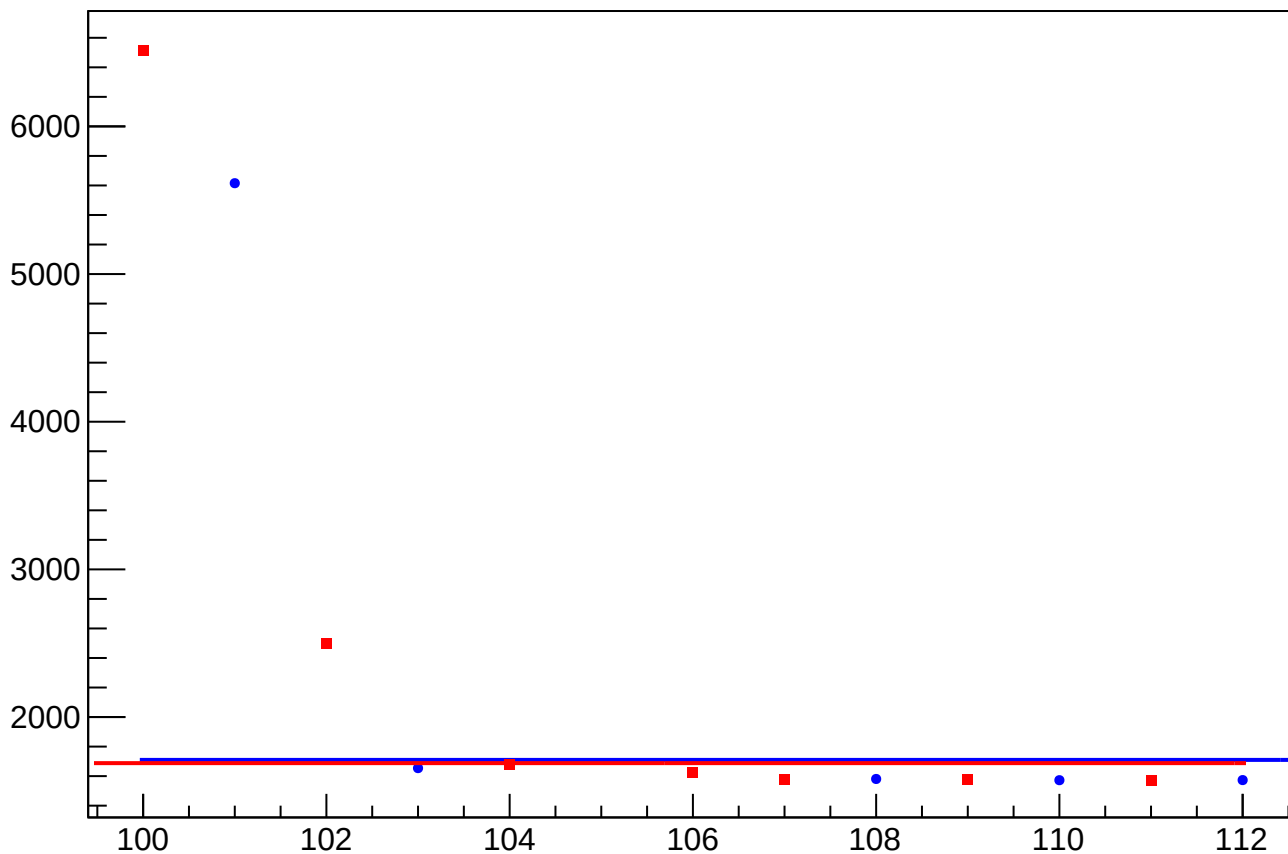
Right: 1584.556+/-782.956 χ^2/NDF : 7.1/11

In: 1406.575+/-1152.391 χ^2/NDF : 5.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1584.556+/-782.956 χ^2/NDF : 7.1/11

eigen_dit_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1709.858+/-0.815 χ^2/NDF : 654223.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1687.947+/-0.755 χ^2/NDF : 185912.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

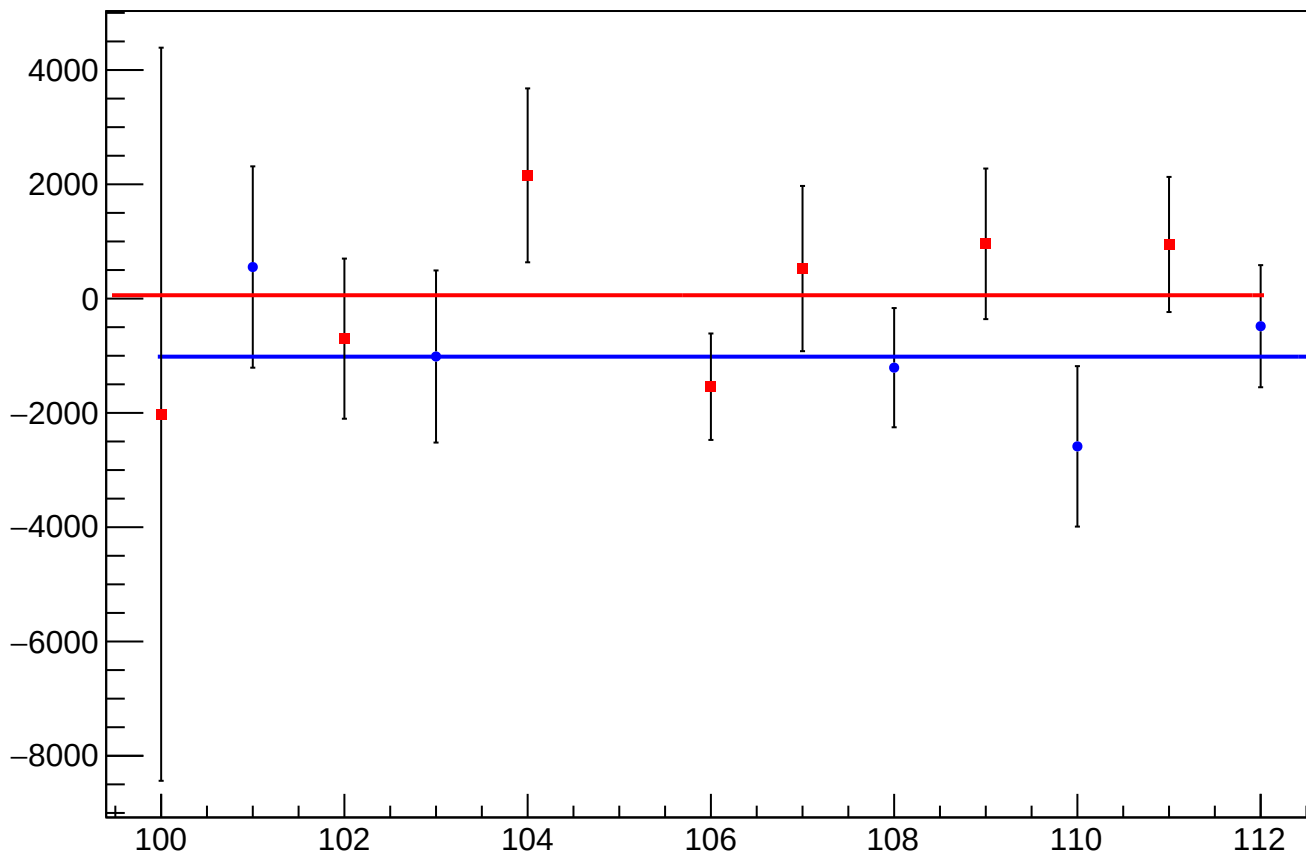
Right: 1698.061+/-0.554 χ^2/NDF : 840524.3/11

In: 1709.858+/-0.815 χ^2/NDF : 654223.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1698.061+/-0.554 χ^2/NDF : 840524.3/11

asym_usr_atr1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1015.755+/-571.138 χ^2/NDF : 2.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.994+/-507.106 χ^2/NDF : 6.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

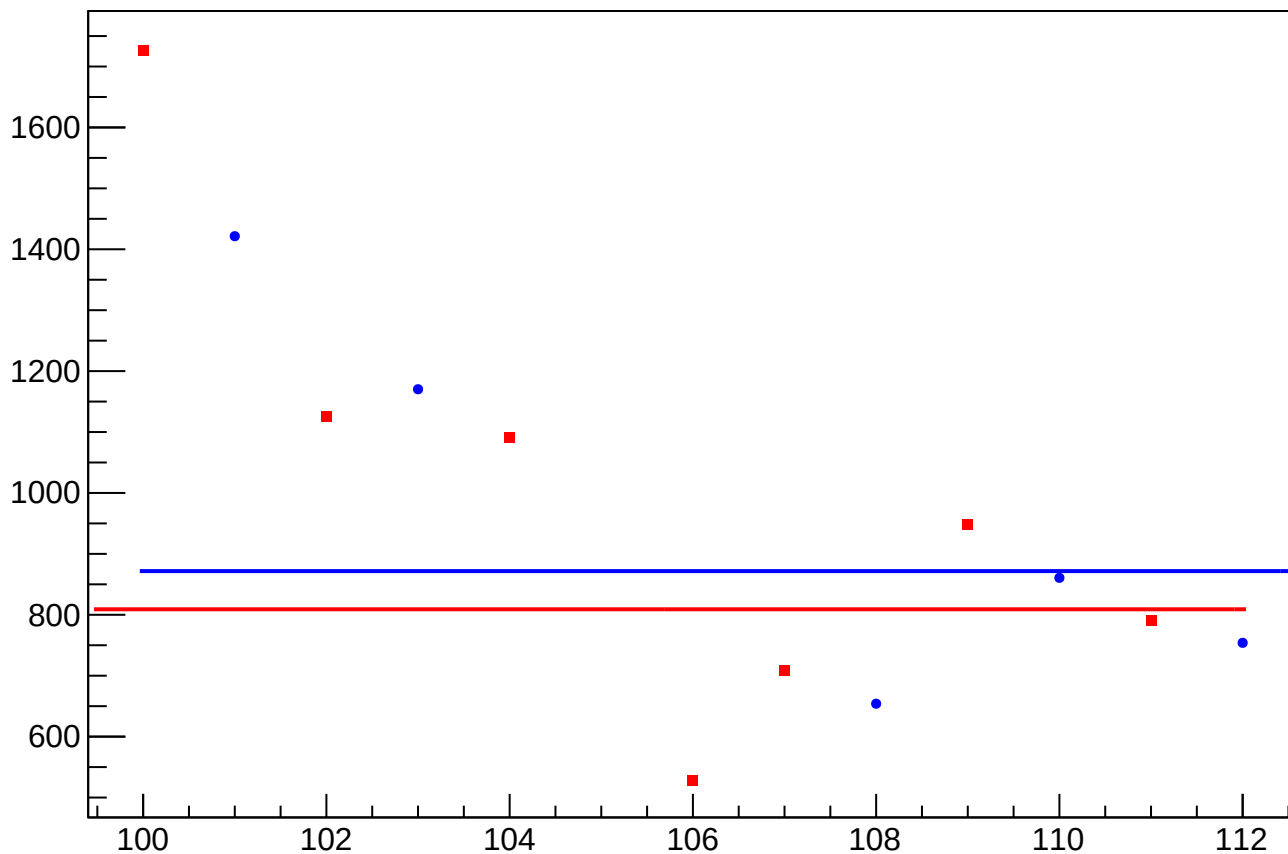
Right: -414.780+/-379.204 χ^2/NDF : 10.7/11

In: -1015.755+/-571.138 χ^2/NDF : 2.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -414.780+/-379.204 χ^2/NDF : 10.7/11

asym_usr_atr1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 871.714+/-0.404 χ^2/NDF : 384906.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 809.031+/-0.359 χ^2/NDF : 426298.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

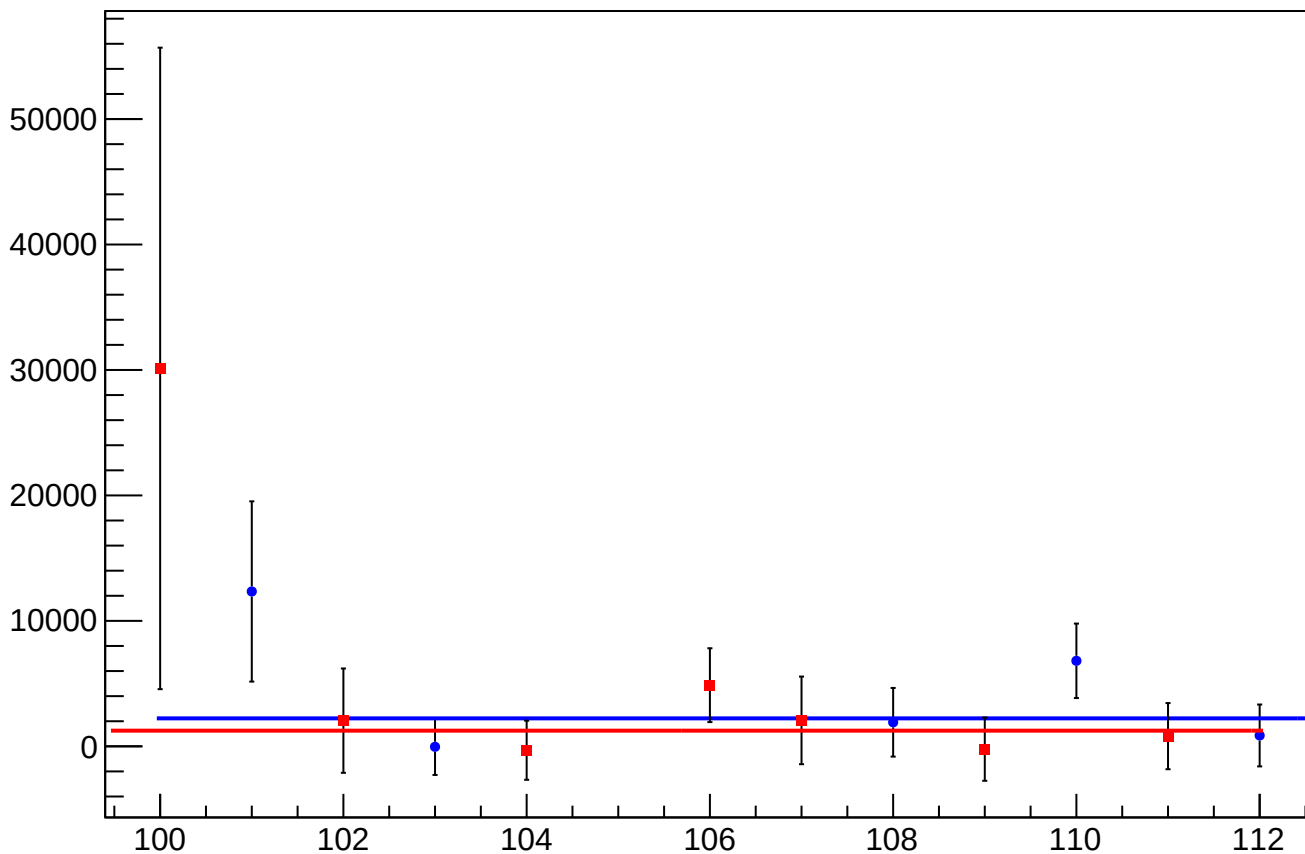
Right: 836.663+/-0.268 χ^2/NDF : 824675.5/11

In: 871.714+/-0.404 χ^2/NDF : 384906.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 836.663+/-0.268 χ^2/NDF : 824675.5/11

asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2228.937+/-1260.335 χ^2/NDF : 5.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1248.612+/-1164.074 χ^2/NDF : 3.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

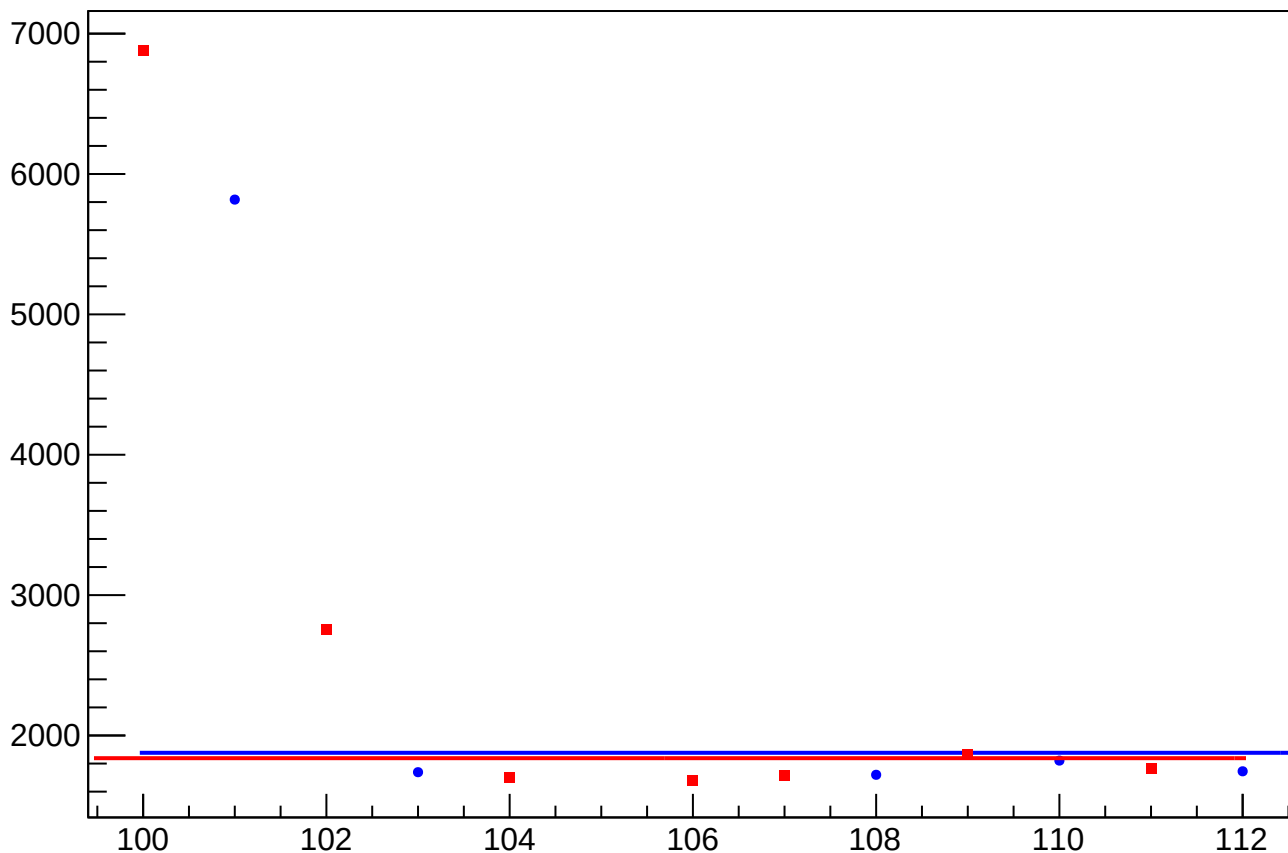
Right: 1699.913+/-855.133 χ^2/NDF : 9.7/11

In: 2228.937+/-1260.335 χ^2/NDF : 5.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1699.913+/-855.133 χ^2/NDF : 9.7/11

asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1876.715+/-0.891 χ^2/NDF : 622458.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1838.311+/-0.823 χ^2/NDF : 192492.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

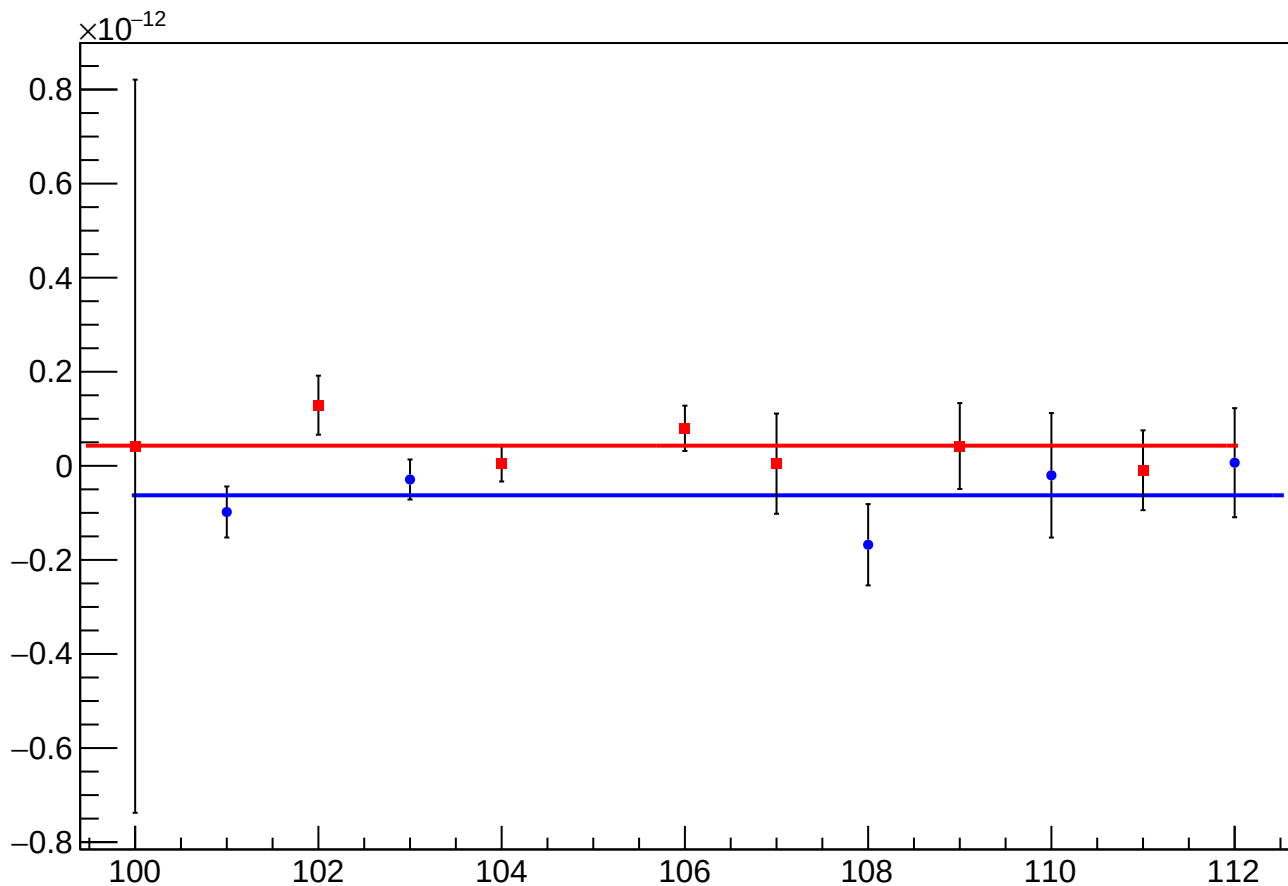
Right: 1855.990+/-0.605 χ^2/NDF : 815952.8/11

In: 1876.715+/-0.891 χ^2/NDF : 622458.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1855.990+/-0.605 χ^2/NDF : 815952.8/11

asym_usr_atr1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

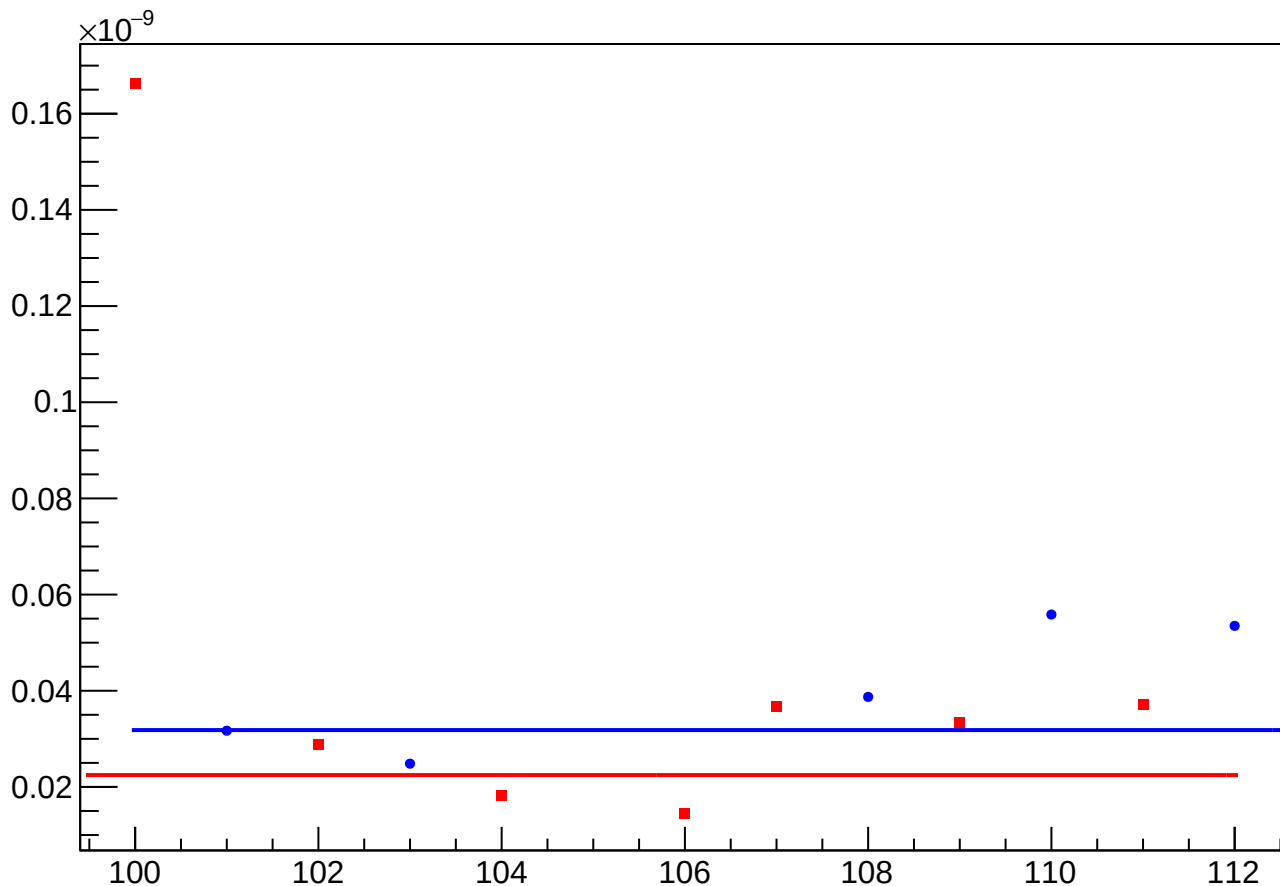
Right: 0.000+/-0.000 χ^2/NDF : 14.7/11

In: -0.000+/-0.000 χ^2/NDF : 3.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.7/11

asym_usr_atr1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 202503.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 294813.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

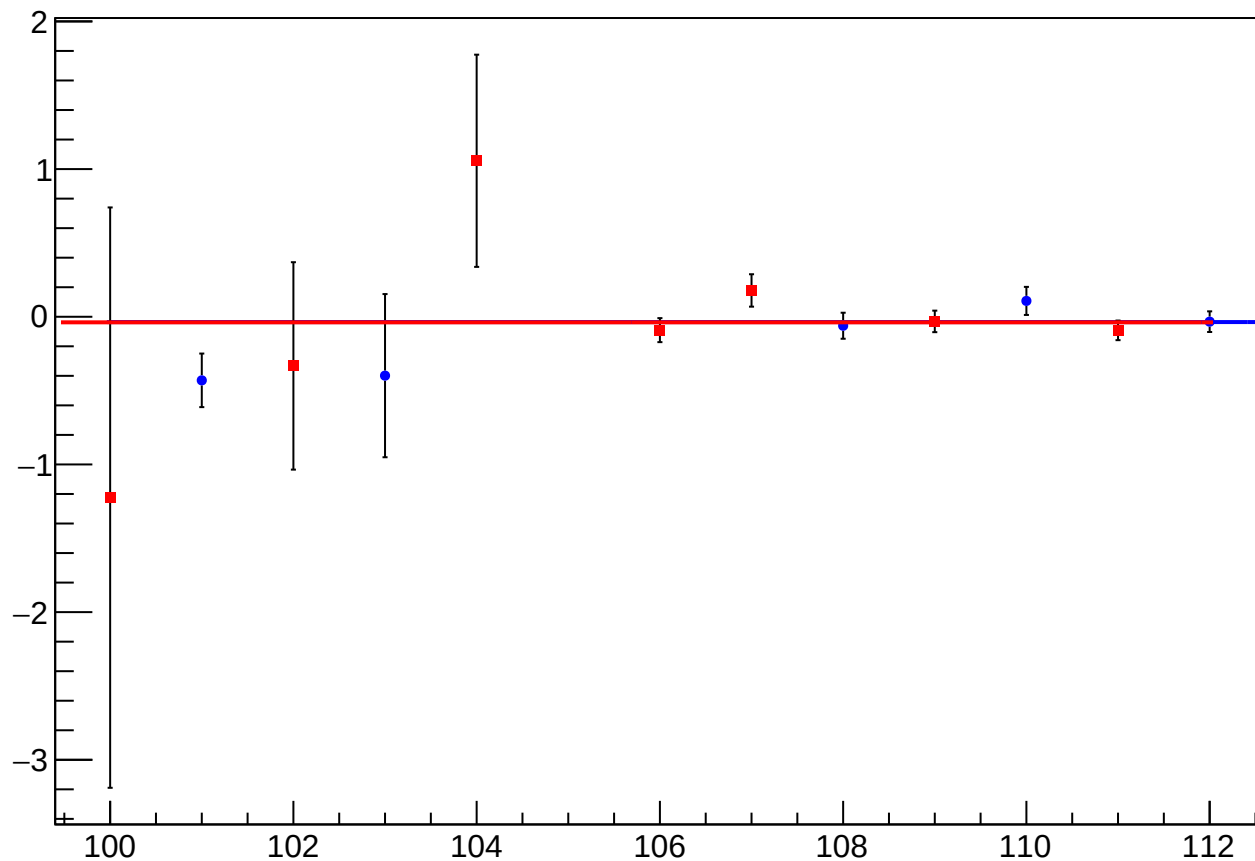
Right: 0.000+/-0.000 χ^2/NDF : 618856.9/11

In: 0.000+/-0.000 χ^2/NDF : 202503.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 618856.9/11

asym_usr_atr1_avg_dit_vs_Slug, Sign Corrected



Right In: -0.036+/-0.046 χ^2/NDF : 7.5/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.038+/-0.039 χ^2/NDF : 7.8/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

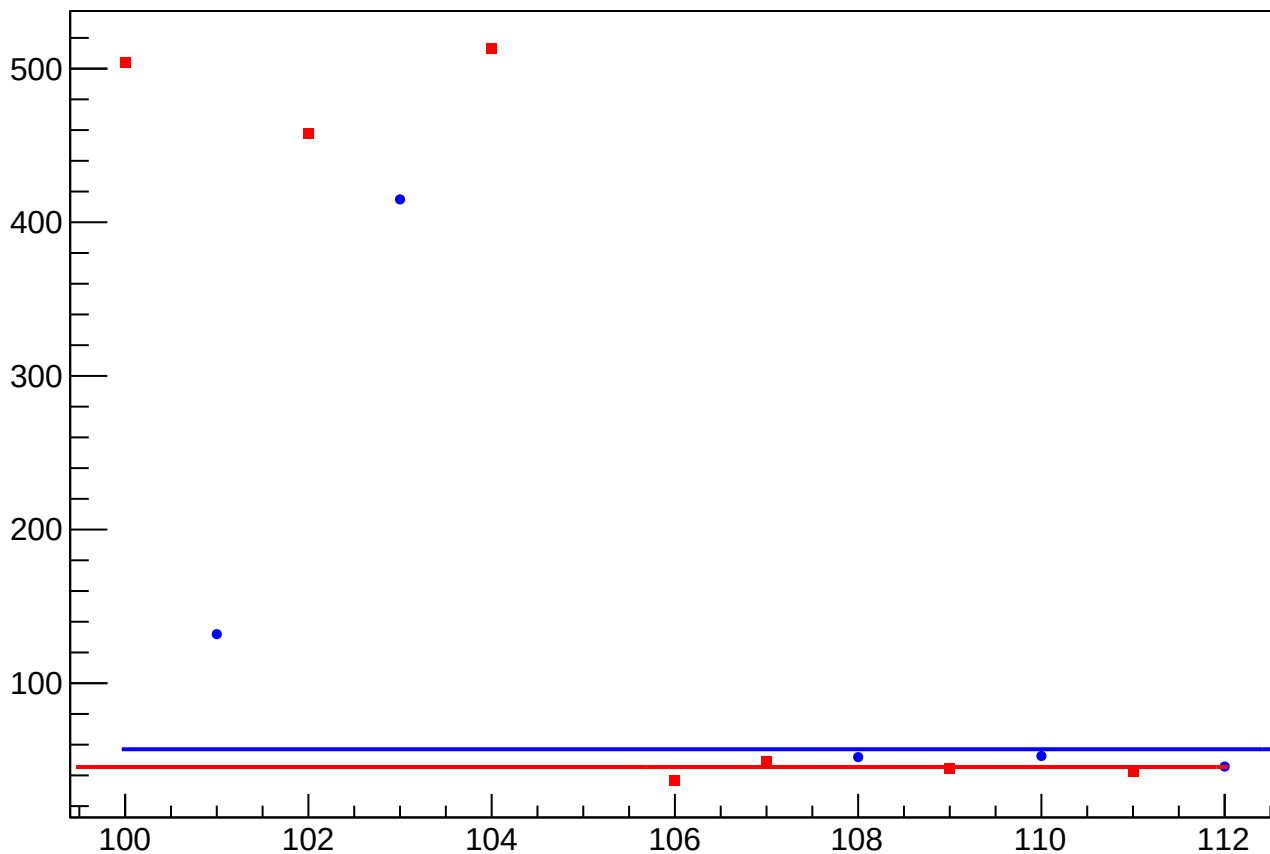
Right: -0.037+/-0.030 χ^2/NDF : 15.3/11

In: -0.036+/-0.046 χ^2/NDF :7.5/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.037+/-0.030 χ^2/NDF : 15.3/11

asym_usr_atr1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.021+/-0.032 χ^2/NDF : 1243274.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.469+/-0.028 χ^2/NDF : 1676531.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

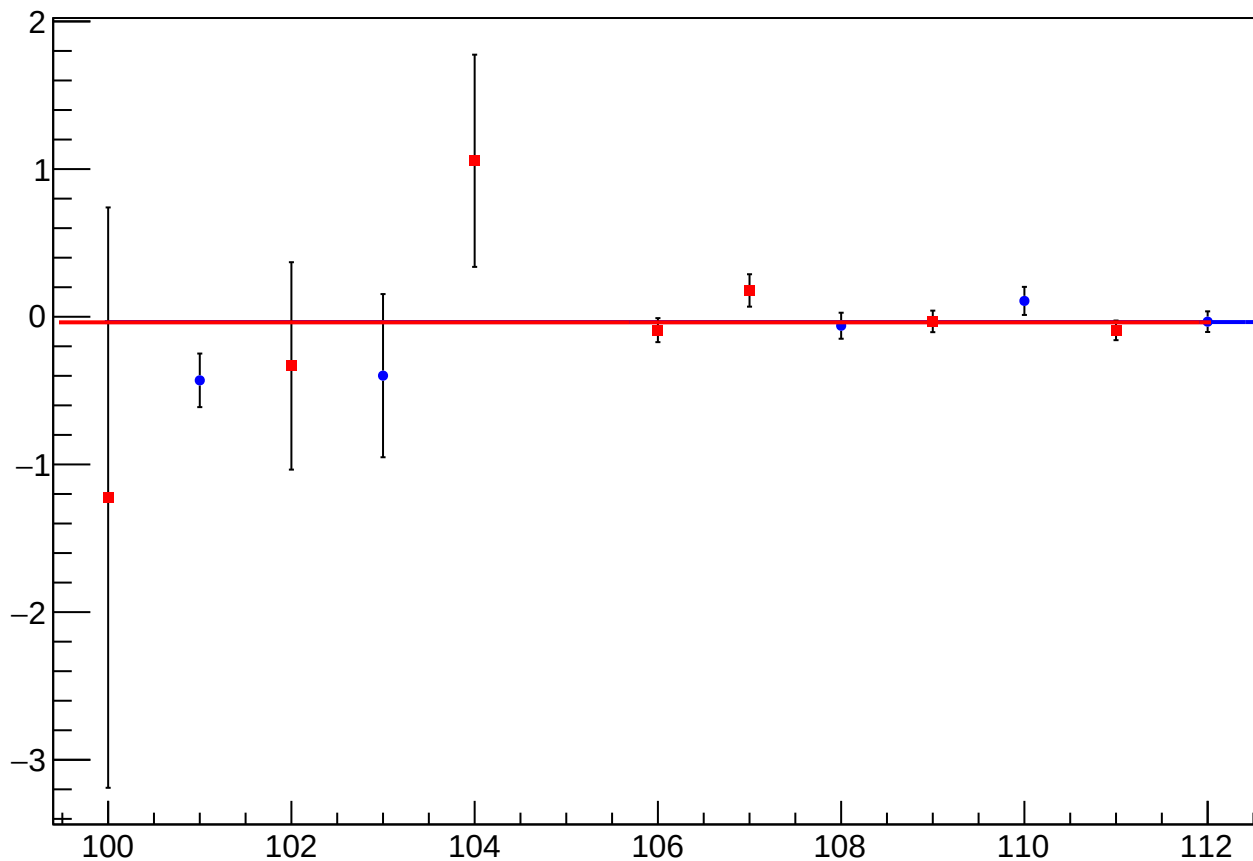
Right: 50.346+/-0.021 χ^2/NDF : 2993460.9/11

In: 57.021+/-0.032 χ^2/NDF : 1243274.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.346+/-0.021 χ^2/NDF : 2993460.9/11

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.036+/-0.046 χ^2/NDF : 7.5/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.038+/-0.039 χ^2/NDF : 7.8/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

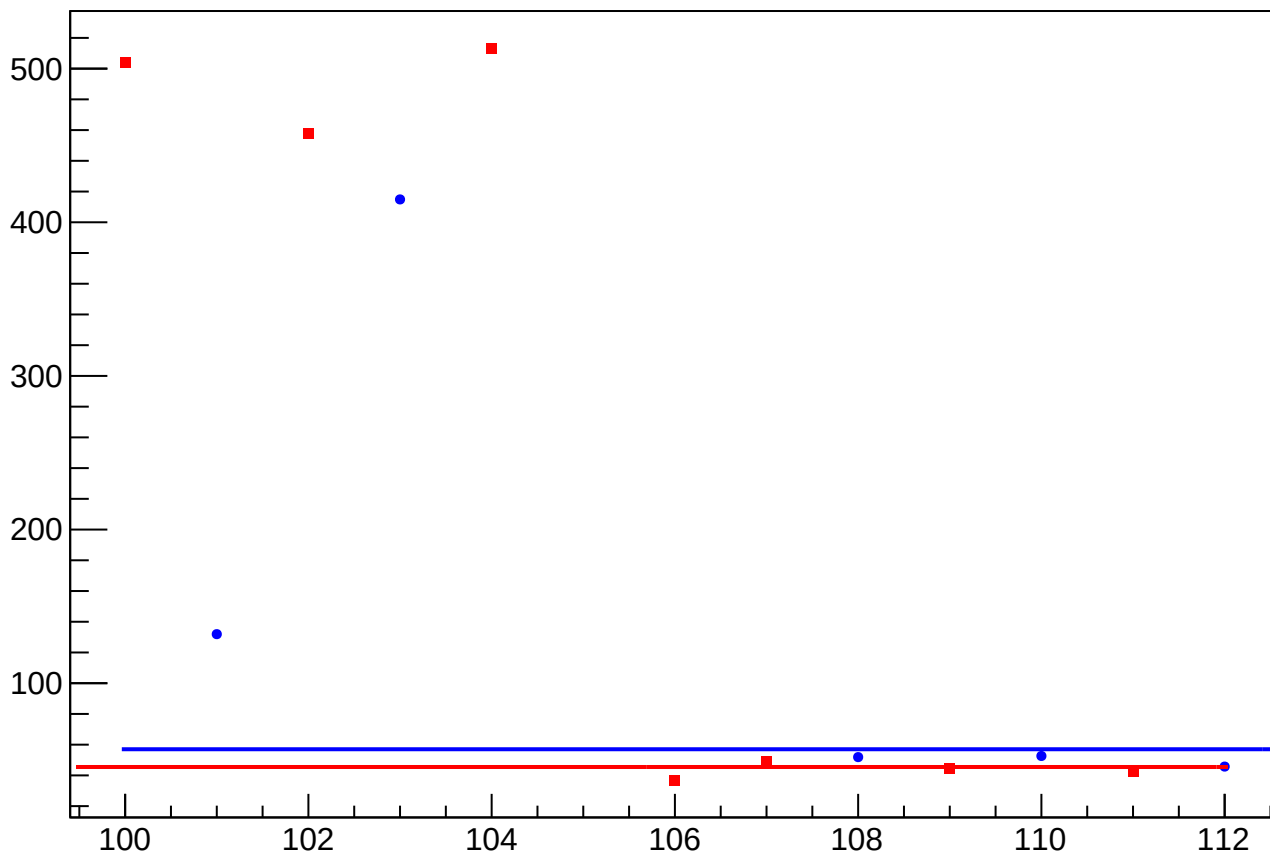
Right: -0.037+/-0.030 χ^2/NDF : 15.3/11

In: -0.036+/-0.046 χ^2/NDF :7.5/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.037+/-0.030 χ^2/NDF : 15.3/11

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.021+/-0.032 χ^2/NDF : 1243274.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.469+/-0.028 χ^2/NDF : 1676531.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

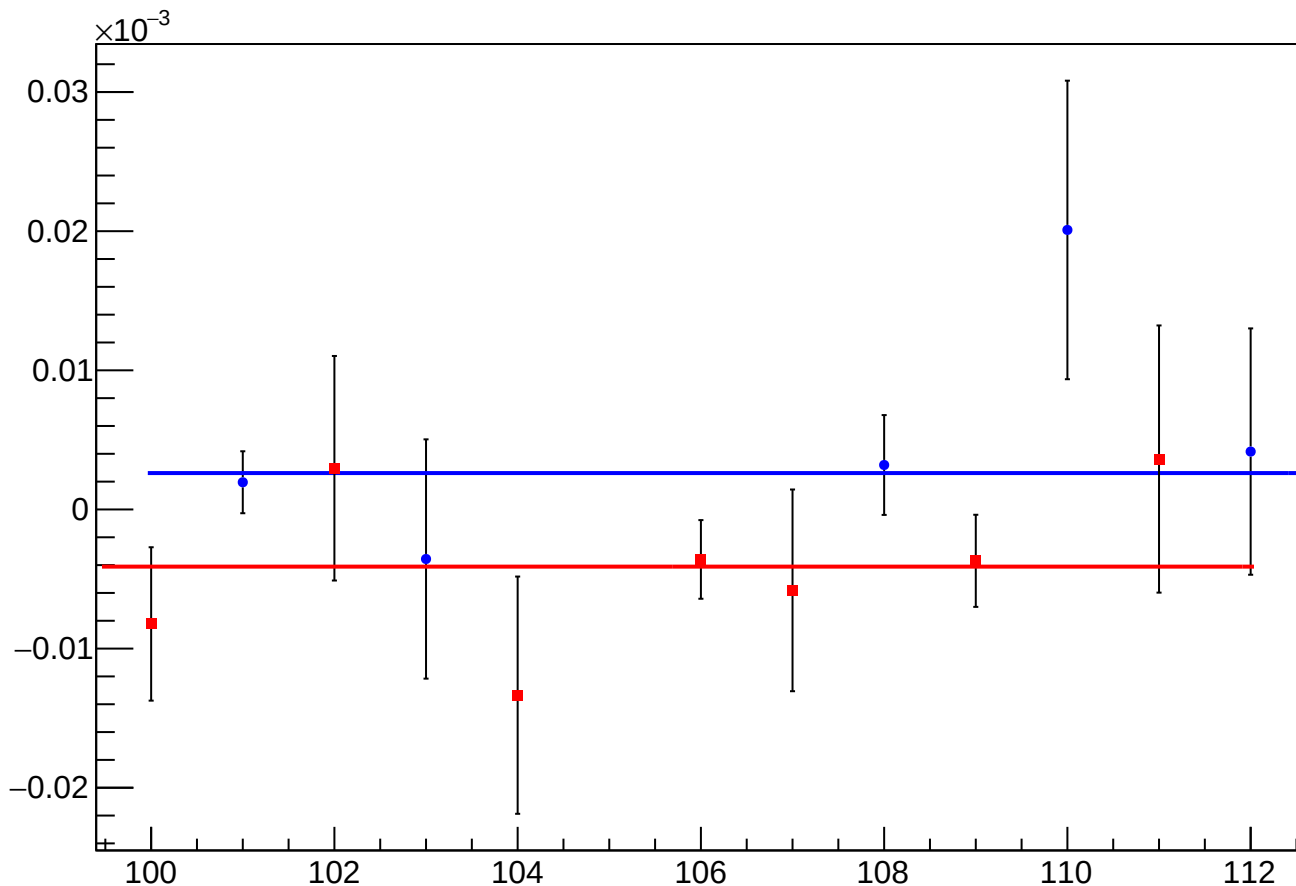
Right: 50.346+/-0.021 χ^2/NDF : 2993460.9/11

In: 57.021+/-0.032 χ^2/NDF : 1243274.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.346+/-0.021 χ^2/NDF : 2993460.9/11

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

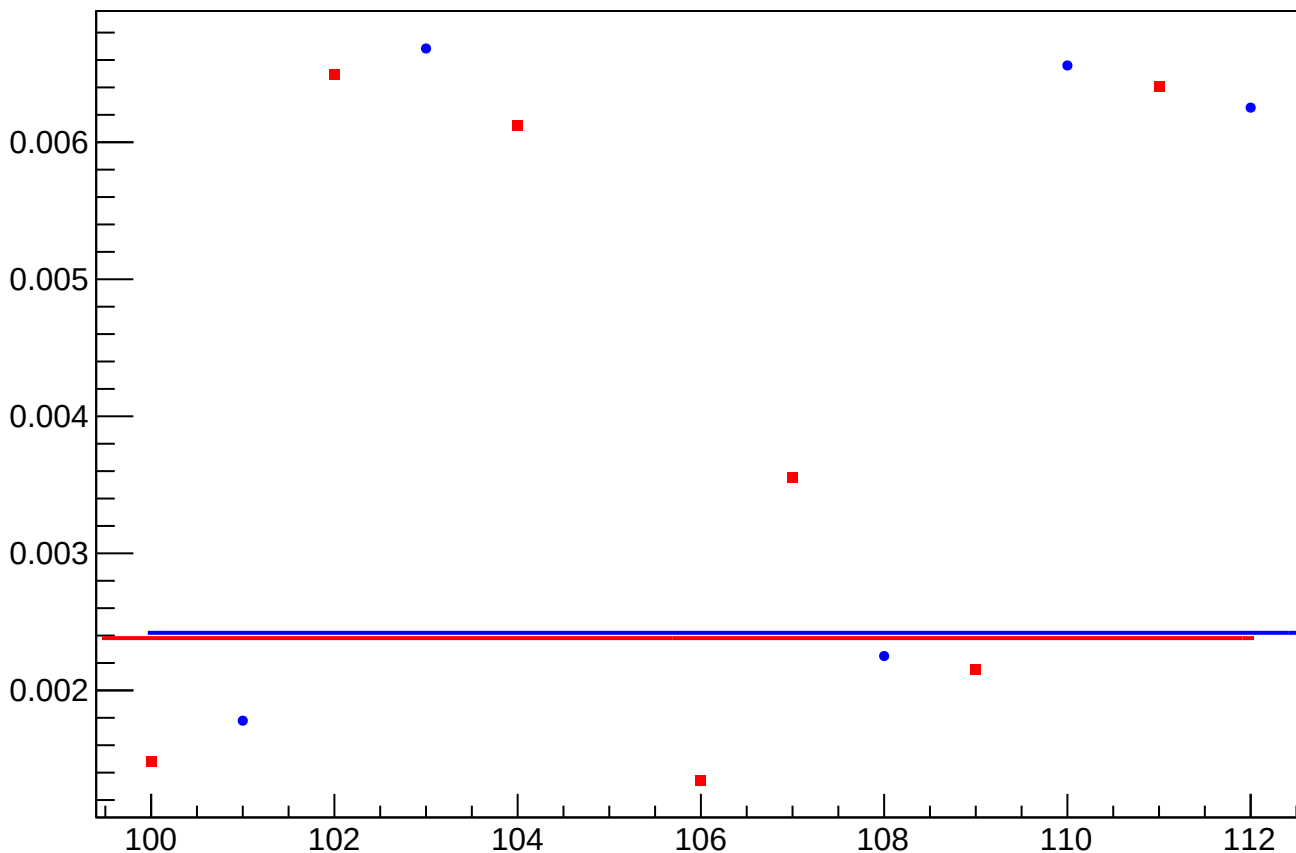
Right: -0.000+/-0.000 χ^2/NDF : 13.6/11

In: 0.000+/-0.000 χ^2/NDF : 3.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.6/11

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1334648.6/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1643188.2/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

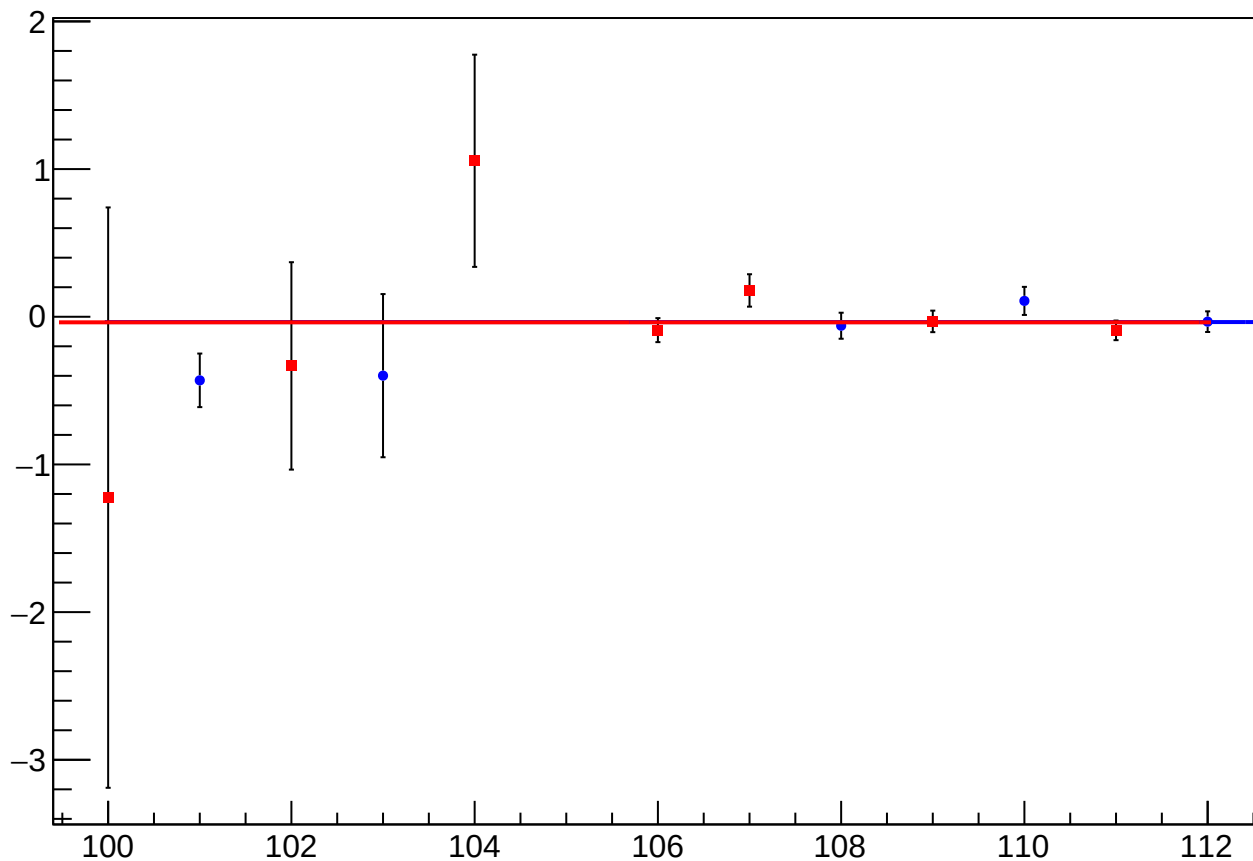
Right: 0.002+/-0.000 χ^2/NDF : 2978303.7/11

In: 0.002+/-0.000 χ^2/NDF :1334648.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2978303.7/11

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.036 $\pm$ 0.046 χ^2 /NDF: 7.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.038 $\pm$ 0.039 χ^2 /NDF: 7.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

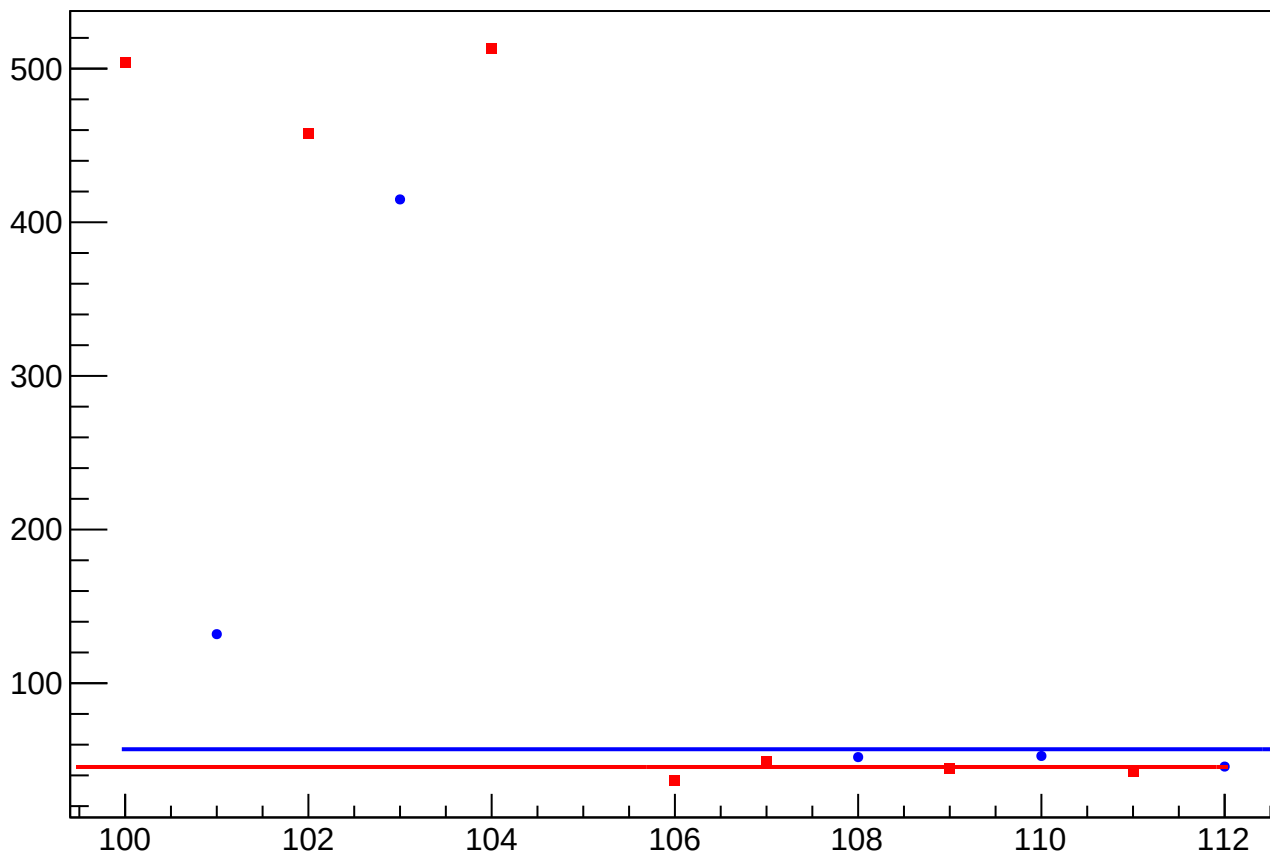
Right: -0.037 $\pm$ 0.030 χ^2 /NDF: 15.3/11

In: -0.036 $\pm$ 0.046 χ^2 /NDF:7.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.037 $\pm$ 0.030 χ^2 /NDF: 15.3/11

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.023+/-0.032 χ^2/NDF : 1243254.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.469+/-0.028 χ^2/NDF : 1676522.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

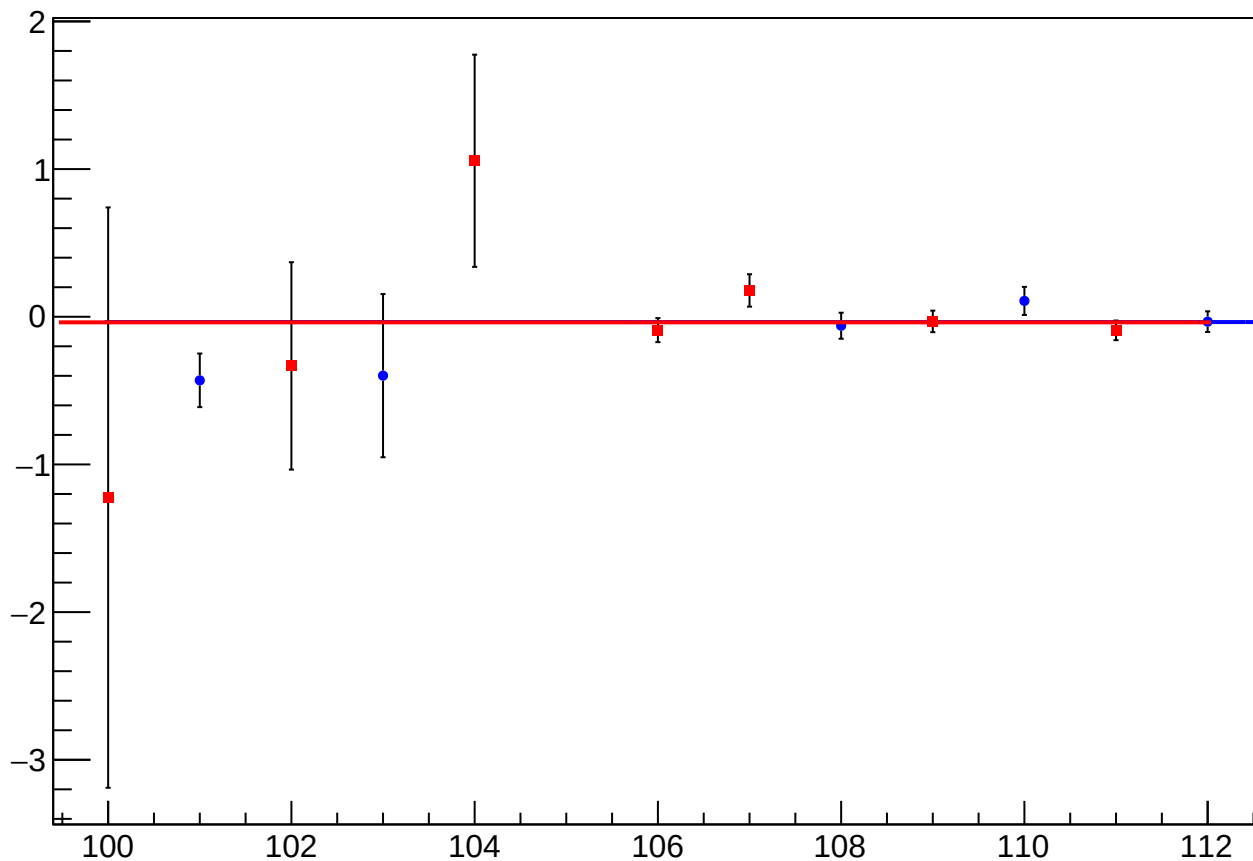
Right: 50.347+/-0.021 χ^2/NDF : 2993450.7/11

In: 57.023+/-0.032 χ^2/NDF : 1243254.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.347+/-0.021 χ^2/NDF : 2993450.7/11

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.036 $\pm$ 0.046 χ^2 /NDF: 7.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.038 $\pm$ 0.039 χ^2 /NDF: 7.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

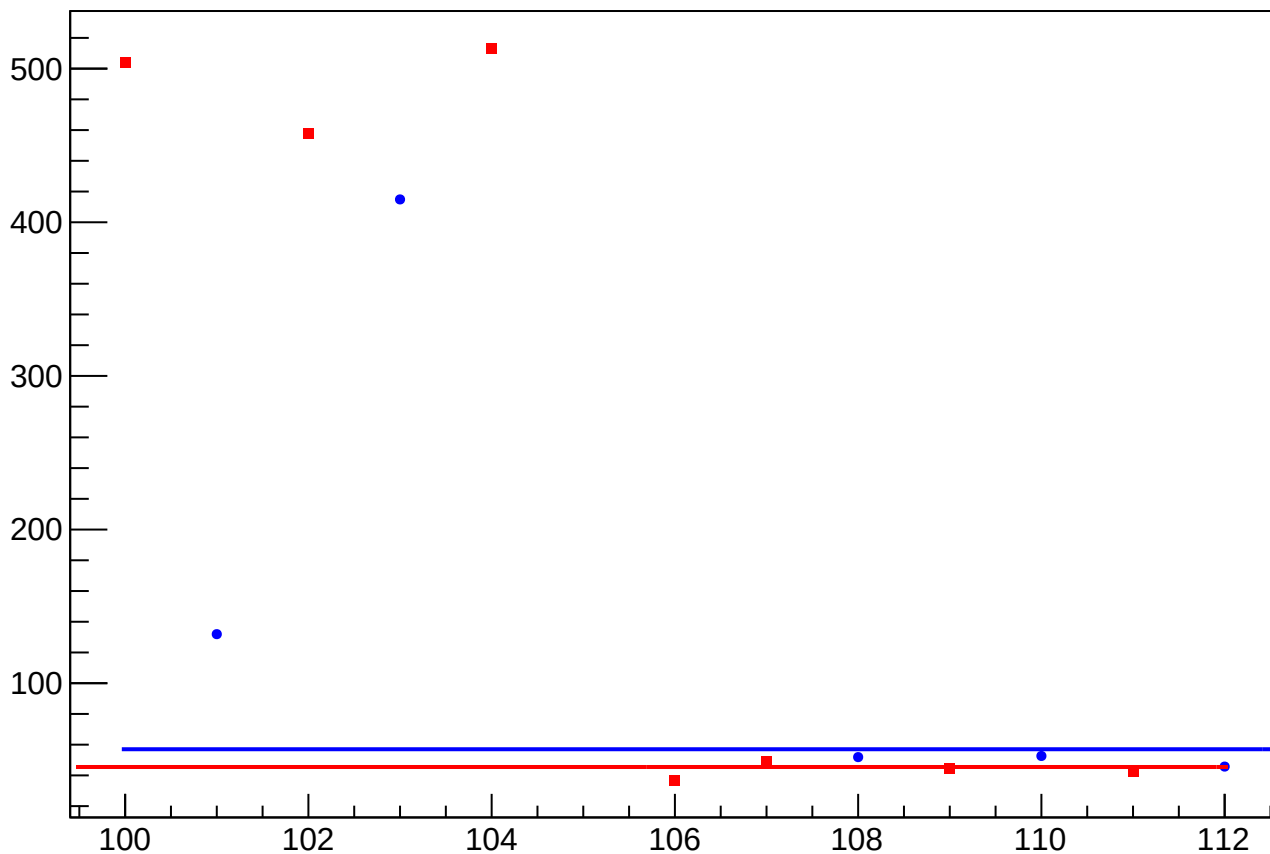
Right: -0.037 $\pm$ 0.030 χ^2 /NDF: 15.3/11

In: -0.036 $\pm$ 0.046 χ^2 /NDF:7.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.037 $\pm$ 0.030 χ^2 /NDF: 15.3/11

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.023+/-0.032 χ^2/NDF : 1243254.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.469+/-0.028 χ^2/NDF : 1676522.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

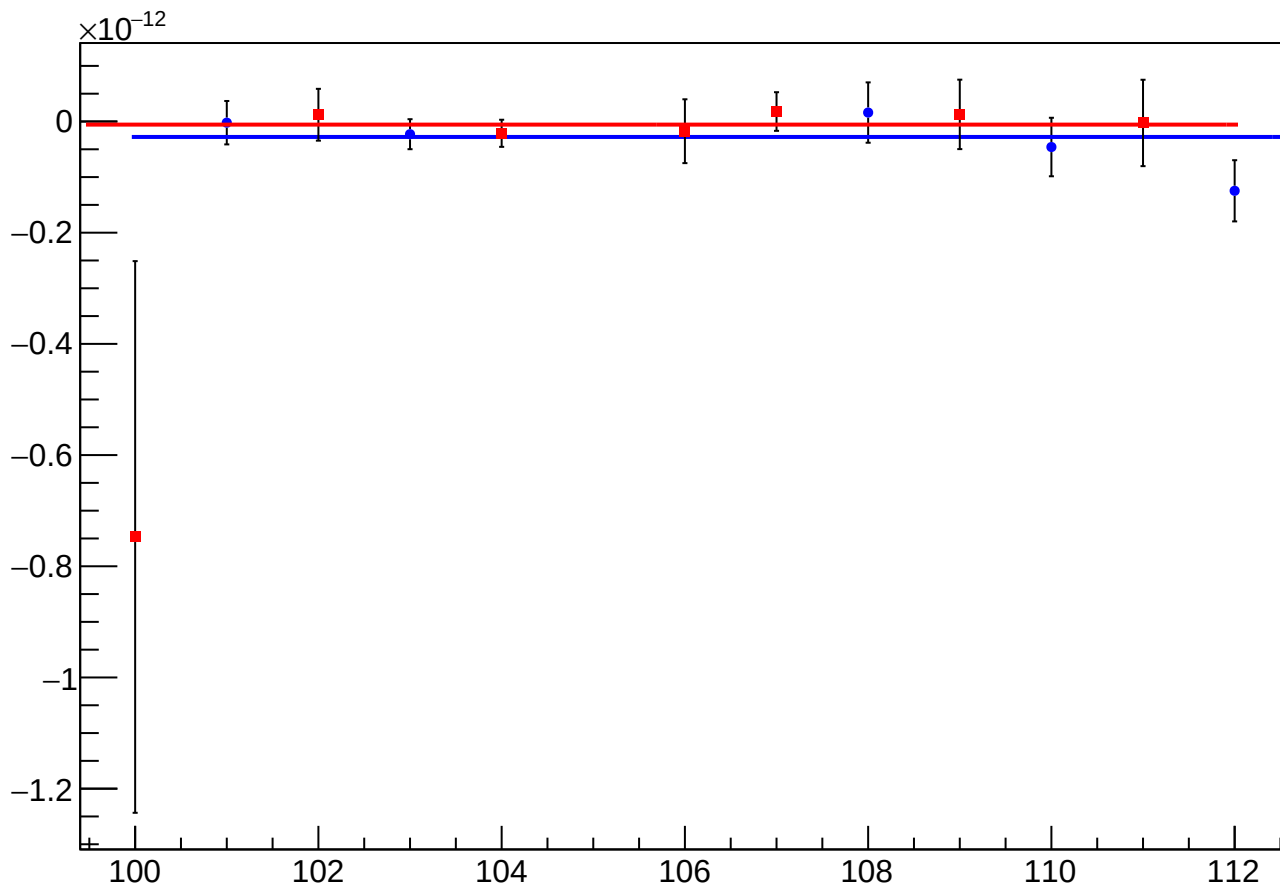
Right: 50.347+/-0.021 χ^2/NDF : 2993450.7/11

In: 57.023+/-0.032 χ^2/NDF : 1243254.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.347+/-0.021 χ^2/NDF : 2993450.7/11

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

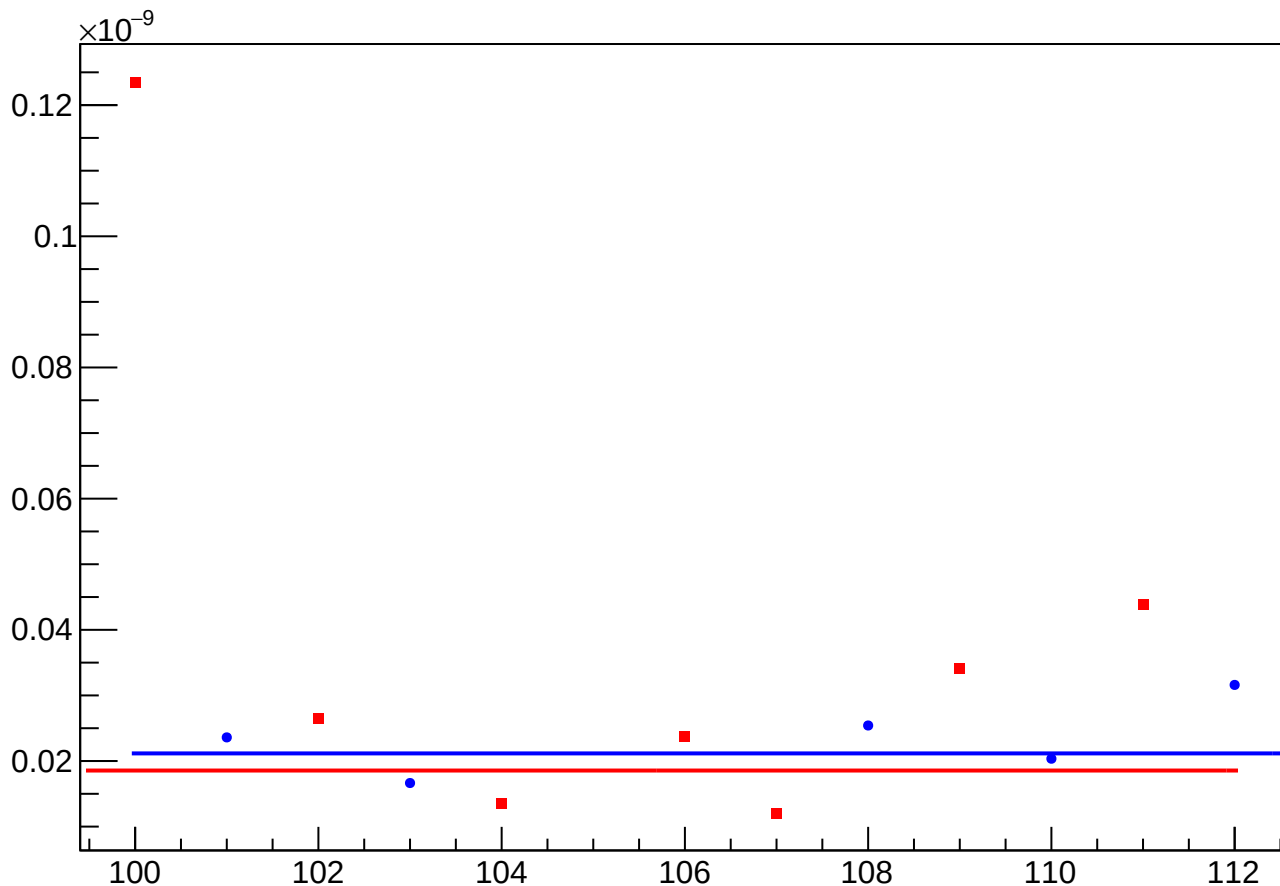
Right: -0.000+/-0.000 χ^2/NDF : 8.5/11

In: -0.000+/-0.000 χ^2/NDF : 4.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.5/11

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 148601.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 653850.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

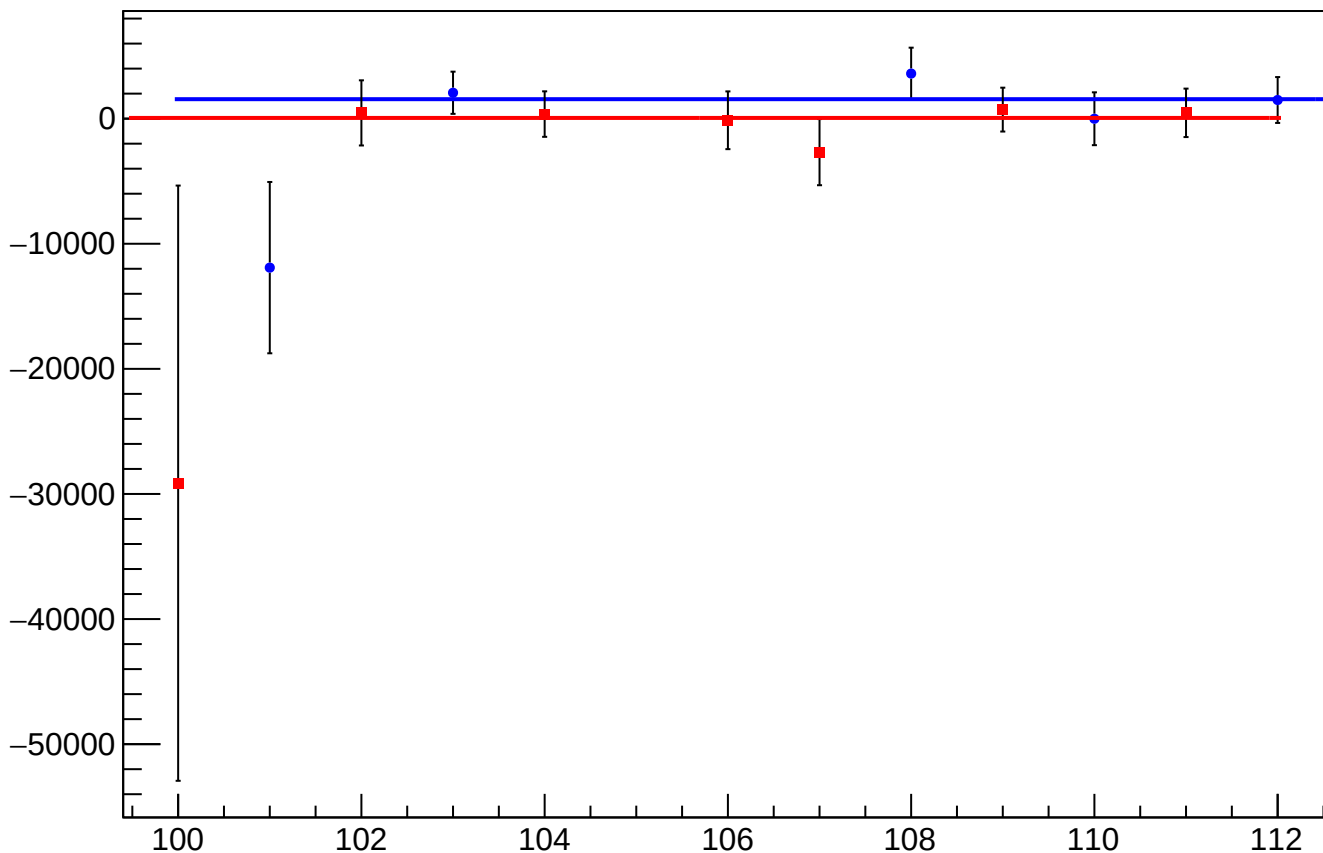
Right: 0.000+/-0.000 χ^2/NDF : 825303.7/11

In: 0.000+/-0.000 χ^2/NDF : 148601.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 825303.7/11

reg_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1556.160+/-941.607 χ^2/NDF : 5.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.325+/-852.986 χ^2/NDF : 2.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

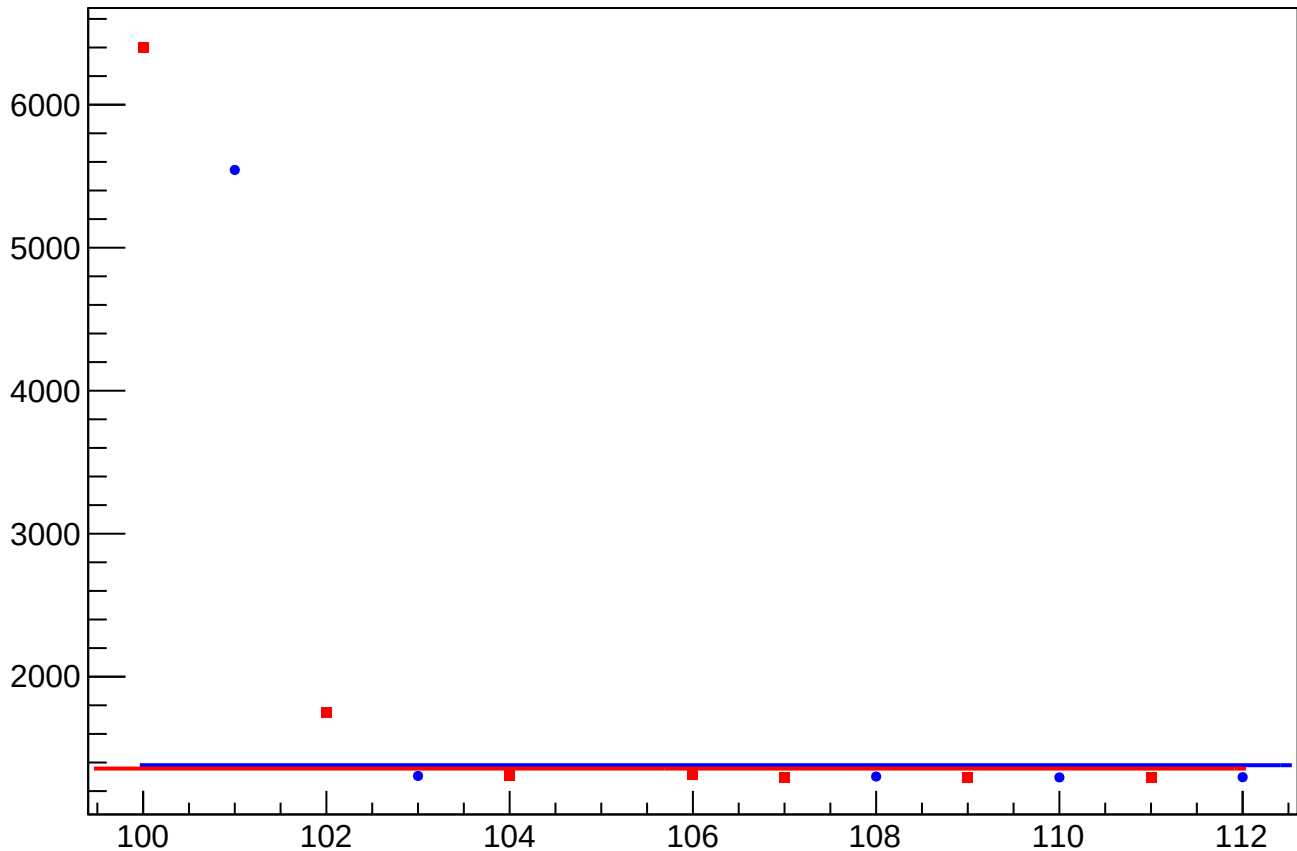
Right: 732.907+/-632.167 χ^2/NDF : 9.7/11

In: 1556.160+/-941.607 χ^2/NDF : 5.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 732.907+/-632.167 χ^2/NDF : 9.7/11

reg_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1381.089+/-0.666 χ^2/NDF : 753520.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1357.765+/-0.603 χ^2/NDF : 142737.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

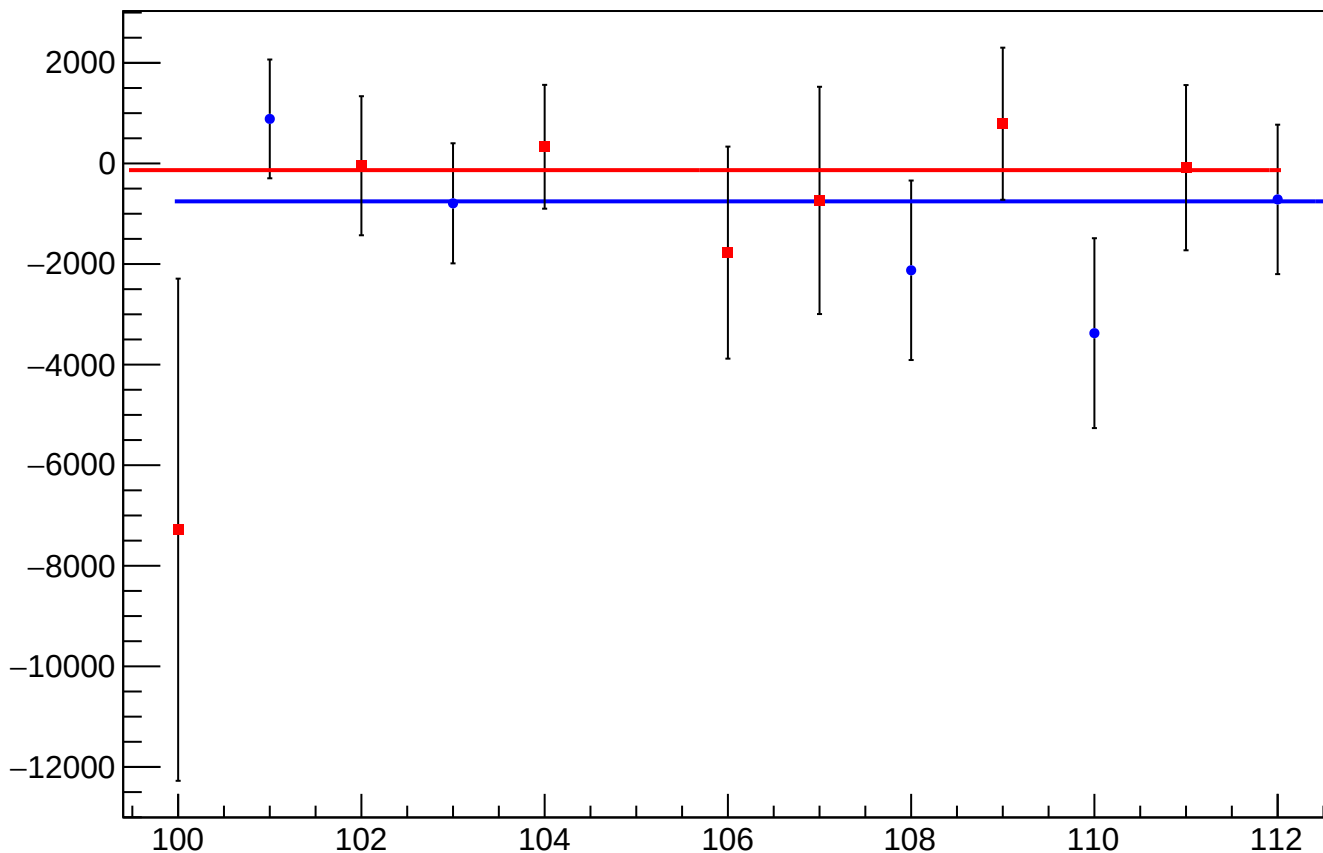
Right: 1368.278+/-0.447 χ^2/NDF : 896931.8/11

In: 1381.089+/-0.666 χ^2/NDF : 753520.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1368.278+/-0.447 χ^2/NDF : 896931.8/11

asym_usr_atr1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -753.723+/-636.777 χ^2/NDF : 4.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -132.939+/-638.626 χ^2/NDF : 3.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

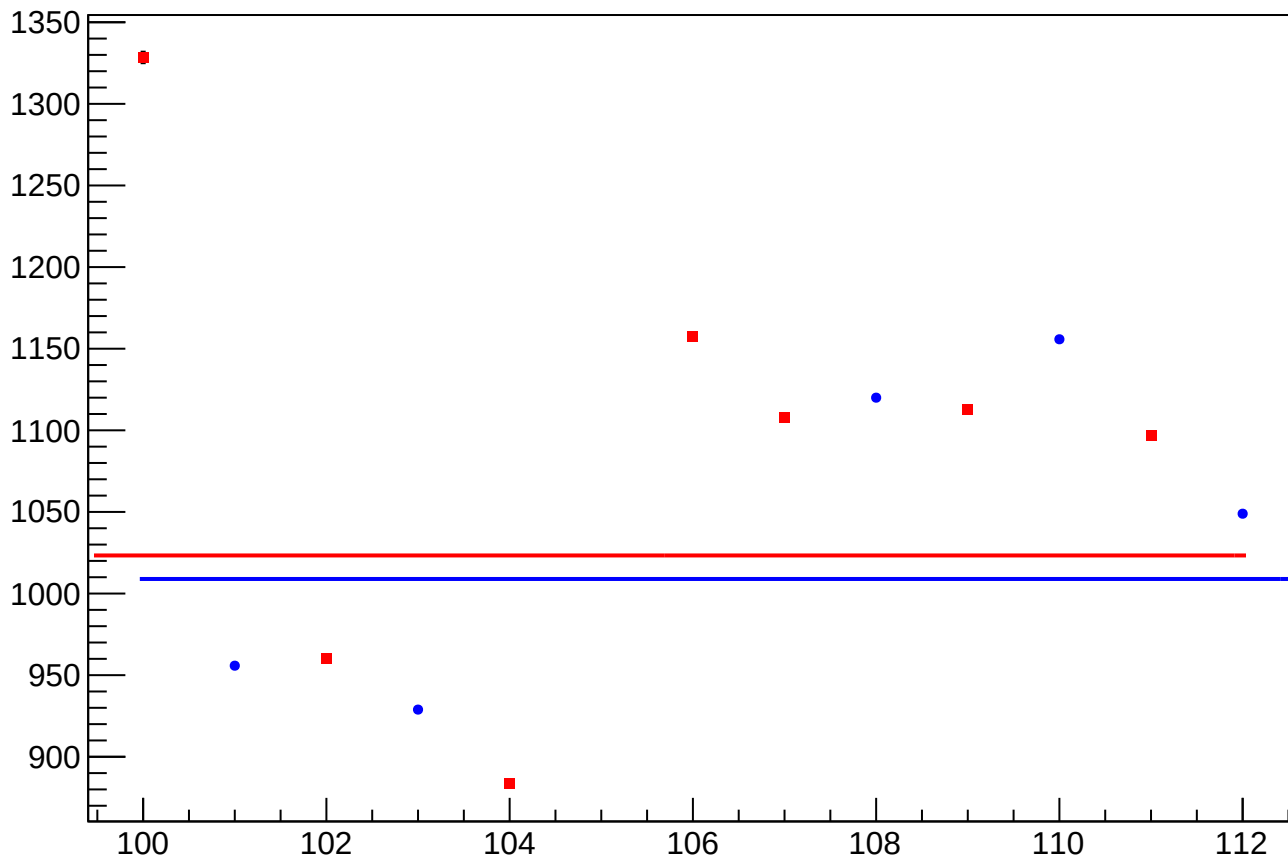
Right: -444.232+/-450.922 χ^2/NDF : 8.2/11

In: -753.723+/-636.777 χ^2/NDF : 4.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -444.232+/-450.922 χ^2/NDF : 8.2/11

asym_usr_atr1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1008.927+/-0.450 χ^2/NDF : 34331.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1023.339+/-0.452 χ^2/NDF : 59295.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

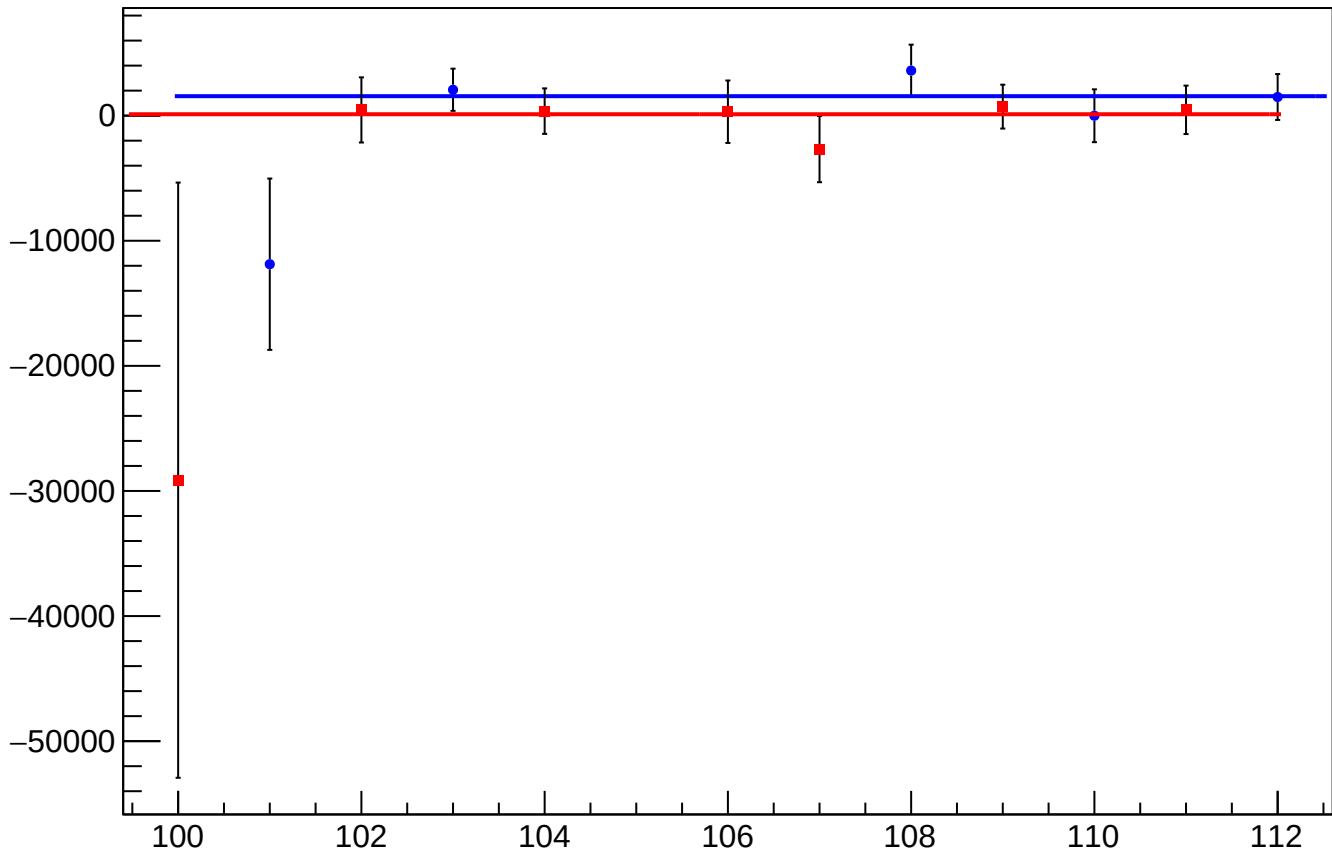
Right: 1016.112+/-0.319 χ^2/NDF : 94137.9/11

In: 1008.927+/-0.450 χ^2/NDF : 34331.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1016.112+/-0.319 χ^2/NDF : 94137.9/11

cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1556.819+/-941.608 χ^2/NDF : 5.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.836+/-861.508 χ^2/NDF : 2.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

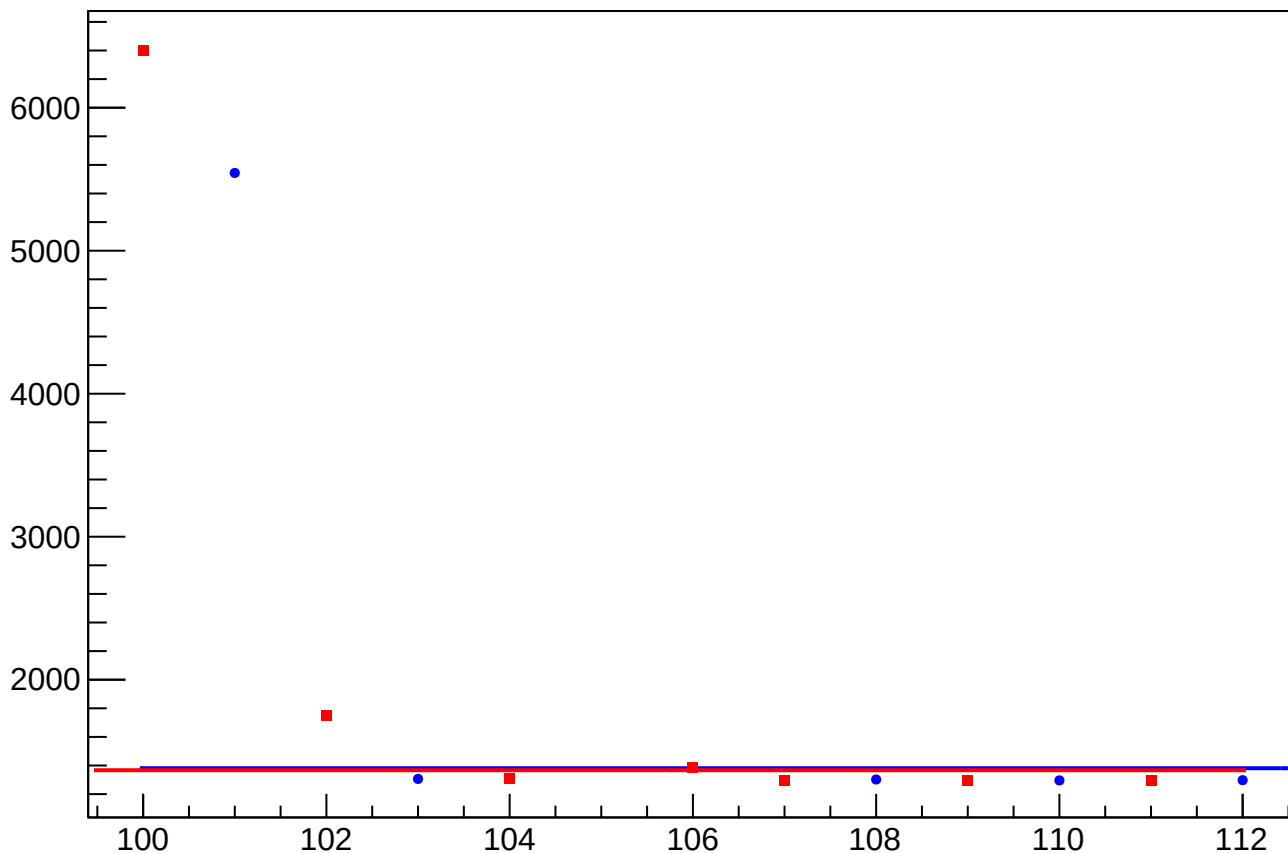
Right: 770.808+/-635.613 χ^2/NDF : 9.6/11

In: 1556.819+/-941.608 χ^2/NDF : 5.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 770.808+/-635.613 χ^2/NDF : 9.6/11

cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1381.089+/-0.666 χ^2/NDF : 753519.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1367.072+/-0.609 χ^2/NDF : 142204.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

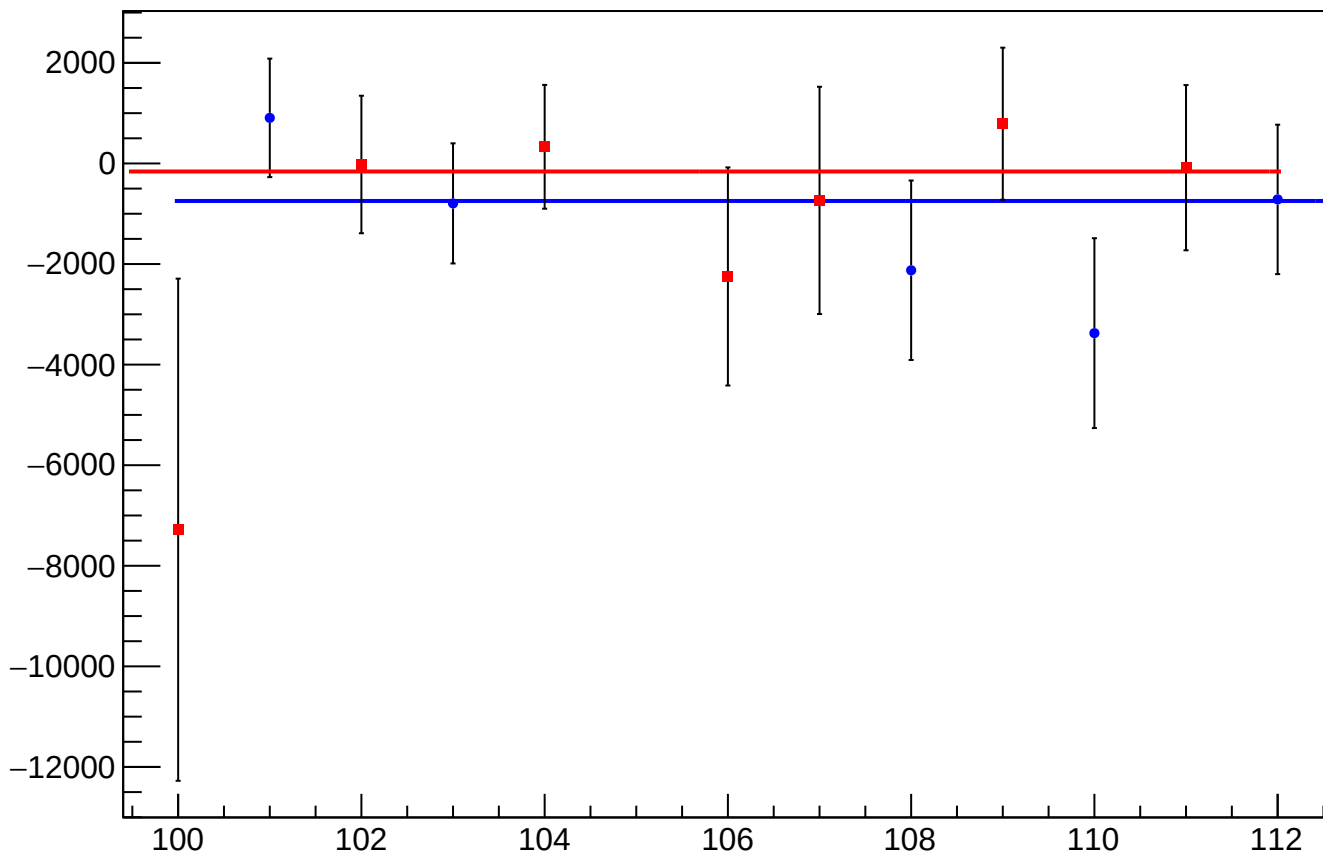
Right: 1373.459+/-0.449 χ^2/NDF : 895965.4/11

In: 1381.089+/-0.666 χ^2/NDF : 753519.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1373.459+/-0.449 χ^2/NDF : 895965.4/11

asym_usr_atr1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -746.058+/-636.399 χ^2/NDF : 4.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -160.020+/-638.683 χ^2/NDF : 3.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

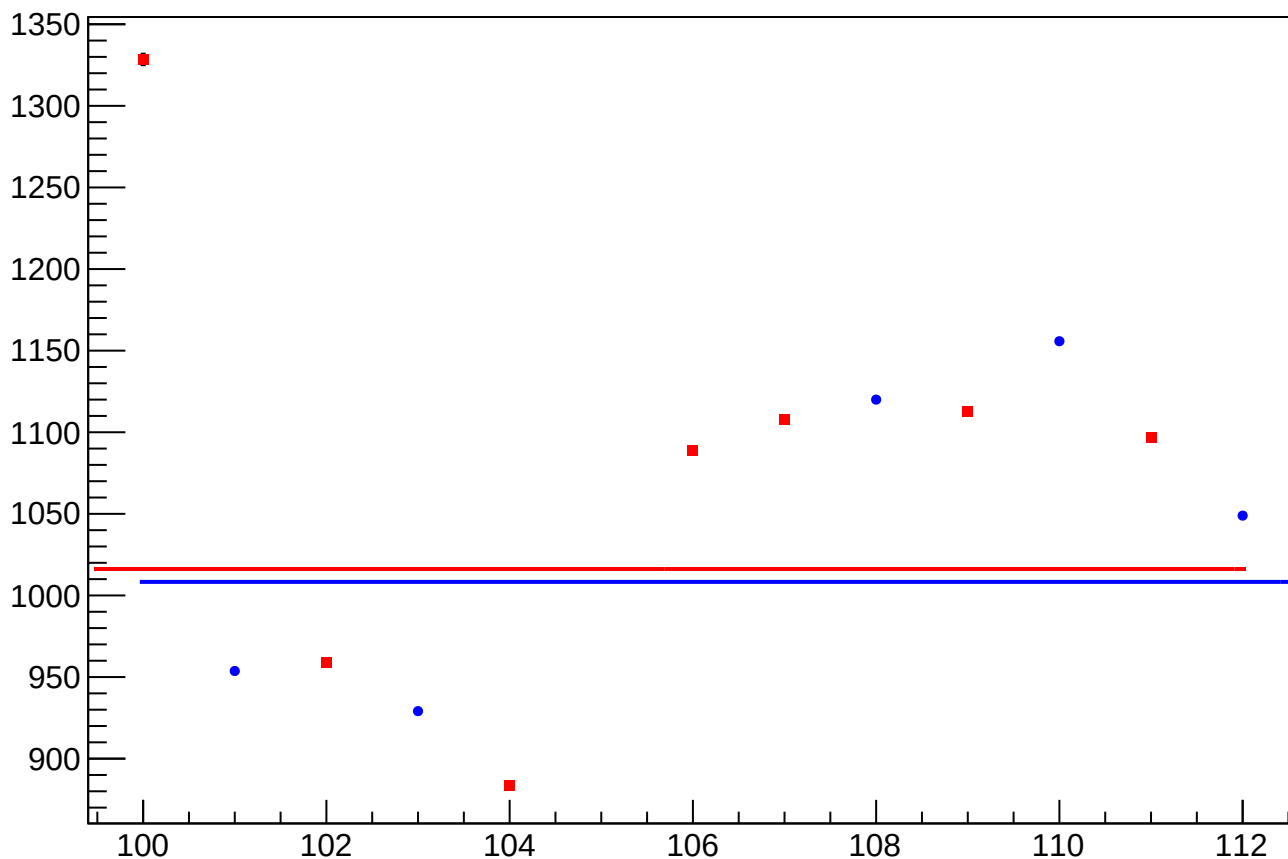
Right: -454.089+/-450.807 χ^2/NDF : 8.5/11

In: -746.058+/-636.399 χ^2/NDF : 4.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -454.089+/-450.807 χ^2/NDF : 8.5/11

asym_usr_atr1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1008.313+/-0.450 χ^2/NDF : 34623.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1016.219+/-0.452 χ^2/NDF : 53019.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

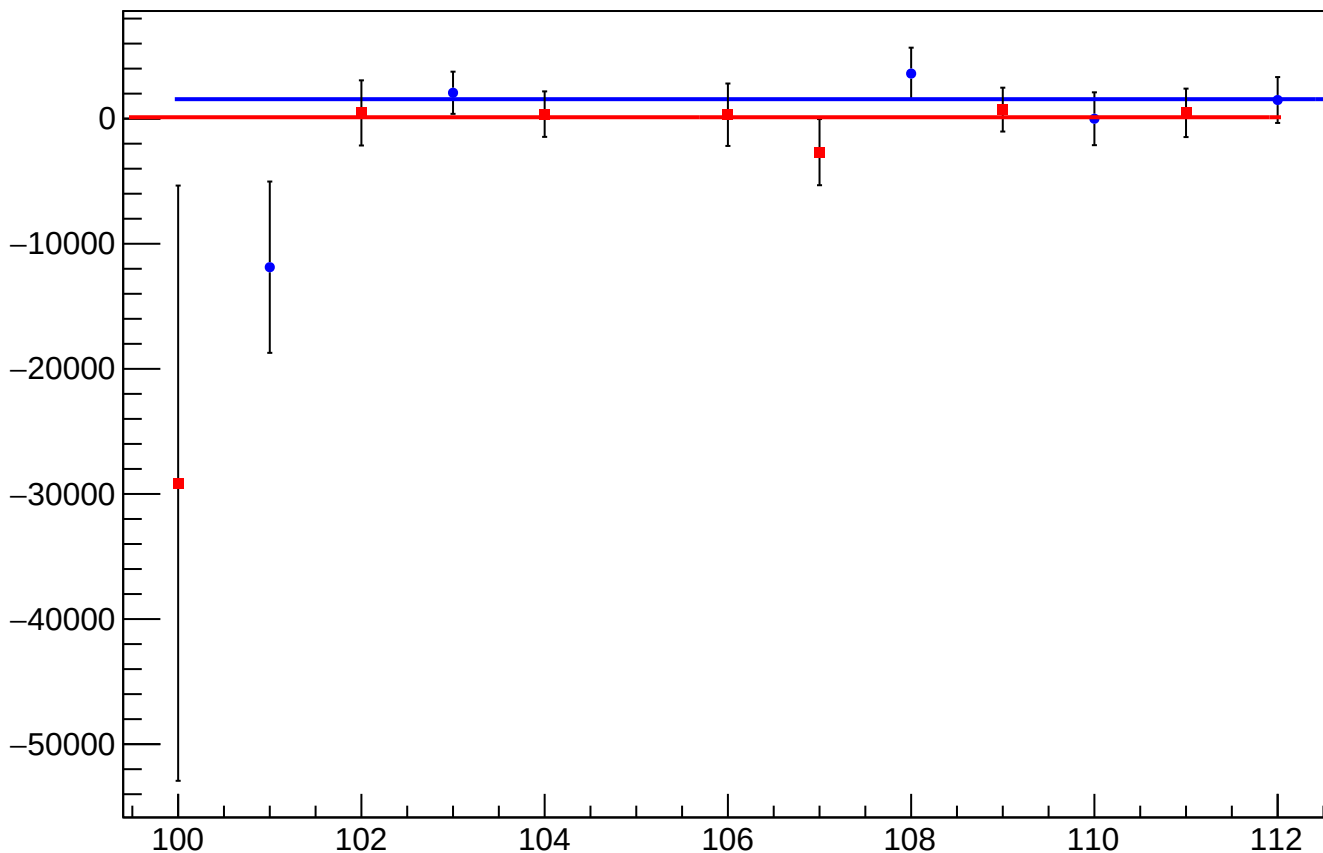
Right: 1012.252+/-0.319 χ^2/NDF : 87796.2/11

In: 1008.313+/-0.450 χ^2/NDF : 34623.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1012.252+/-0.319 χ^2/NDF : 87796.2/11

eigen_cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1556.819+/-941.608 χ^2/NDF : 5.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.836+/-861.508 χ^2/NDF : 2.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

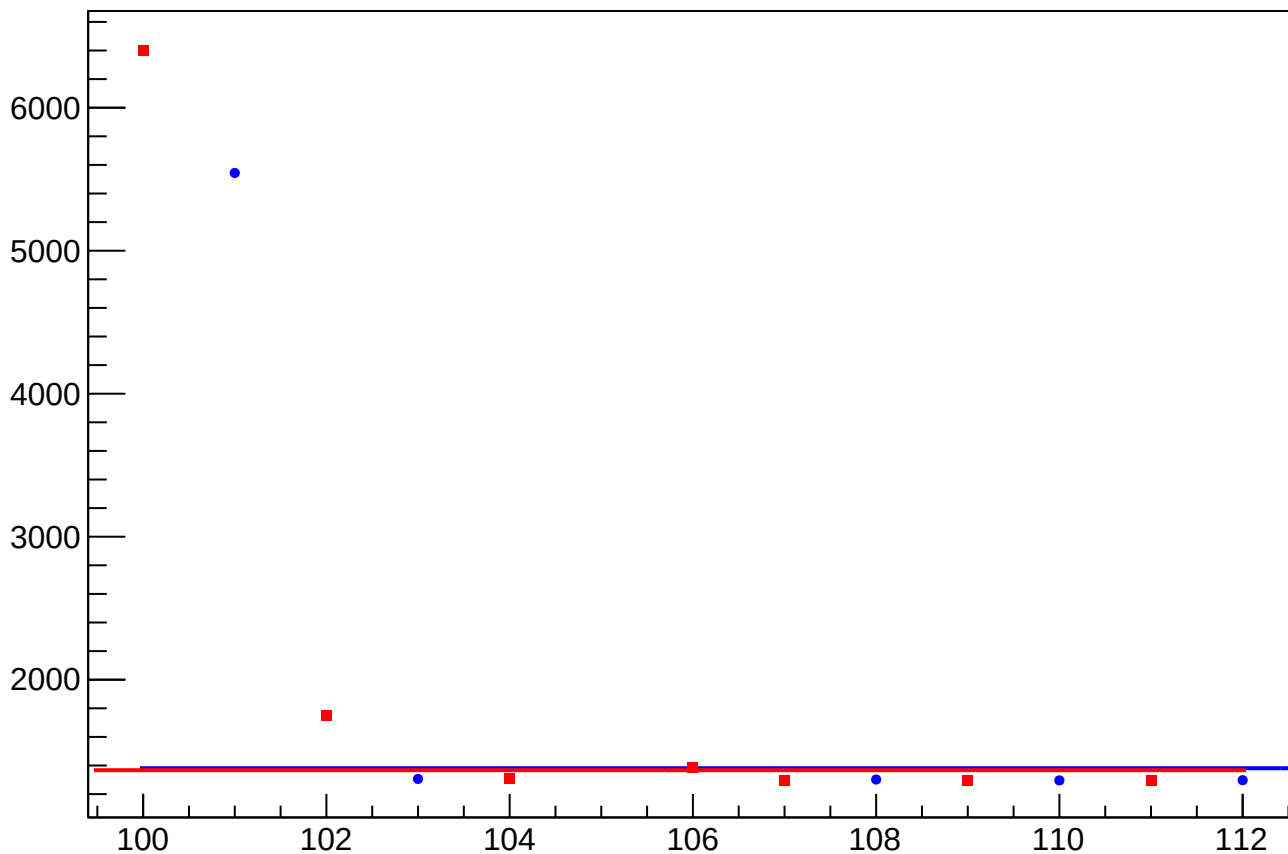
Right: 770.808+/-635.613 χ^2/NDF : 9.6/11

In: 1556.819+/-941.608 χ^2/NDF : 5.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 770.808+/-635.613 χ^2/NDF : 9.6/11

eigen_cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1381.089+/-0.666 χ^2/NDF : 753519.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1367.072+/-0.609 χ^2/NDF : 142204.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

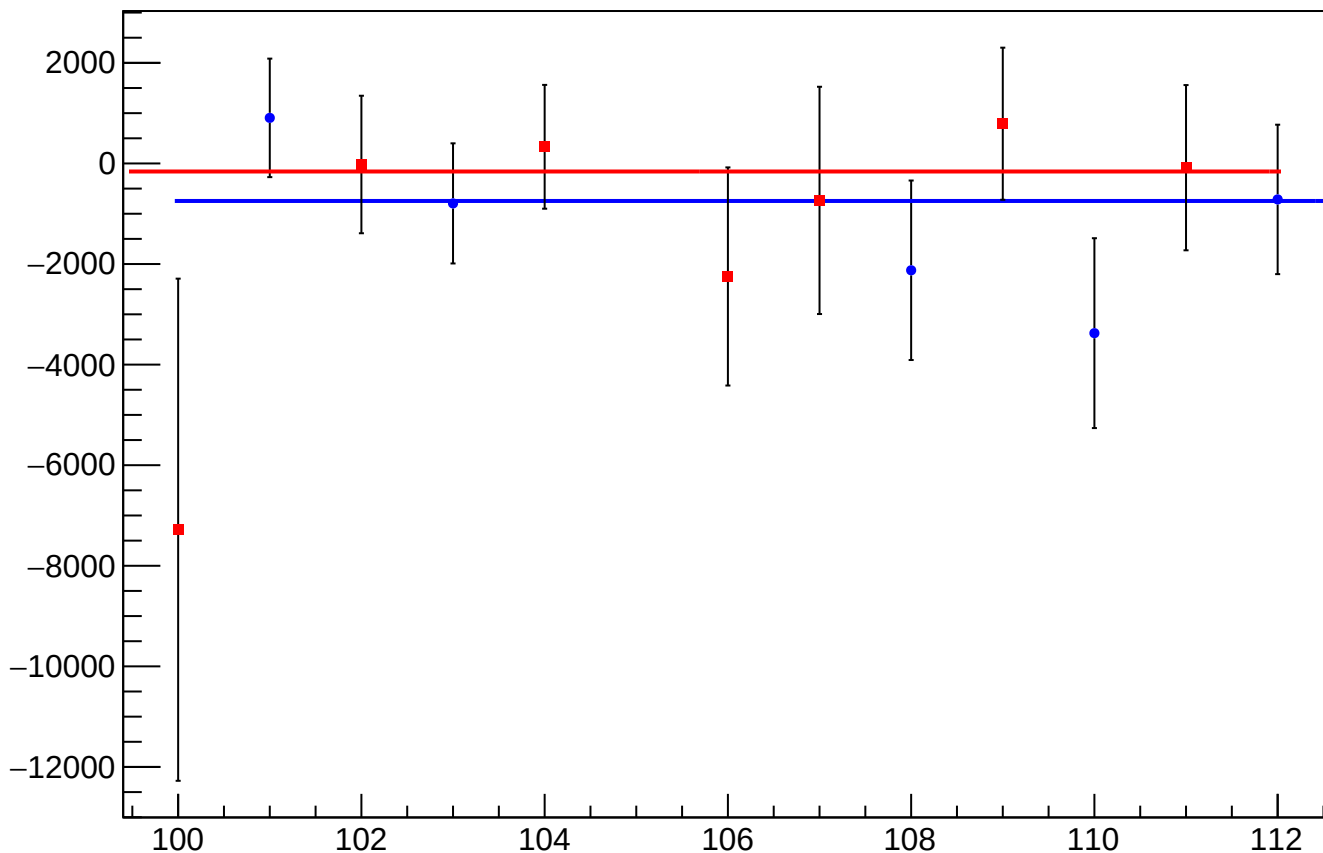
Right: 1373.459+/-0.449 χ^2/NDF : 895965.4/11

In: 1381.089+/-0.666 χ^2/NDF : 753519.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1373.459+/-0.449 χ^2/NDF : 895965.4/11

asym_usr_atr1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -746.058+/-636.399 χ^2/NDF : 4.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -160.020+/-638.683 χ^2/NDF : 3.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

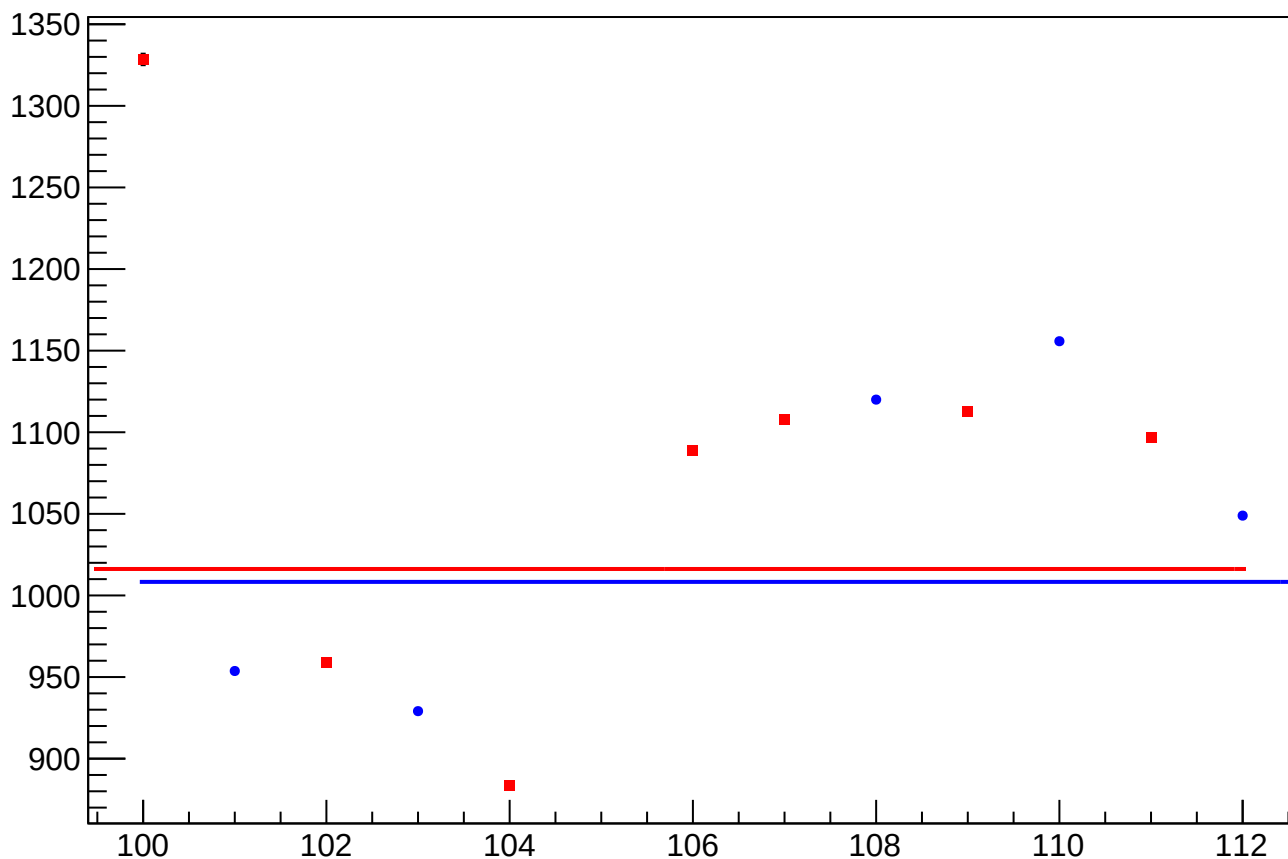
Right: -454.089+/-450.807 χ^2/NDF : 8.5/11

In: -746.058+/-636.399 χ^2/NDF : 4.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -454.089+/-450.807 χ^2/NDF : 8.5/11

asym_usr_atr1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1008.313+/-0.450 χ^2/NDF : 34623.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1016.219+/-0.452 χ^2/NDF : 53019.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

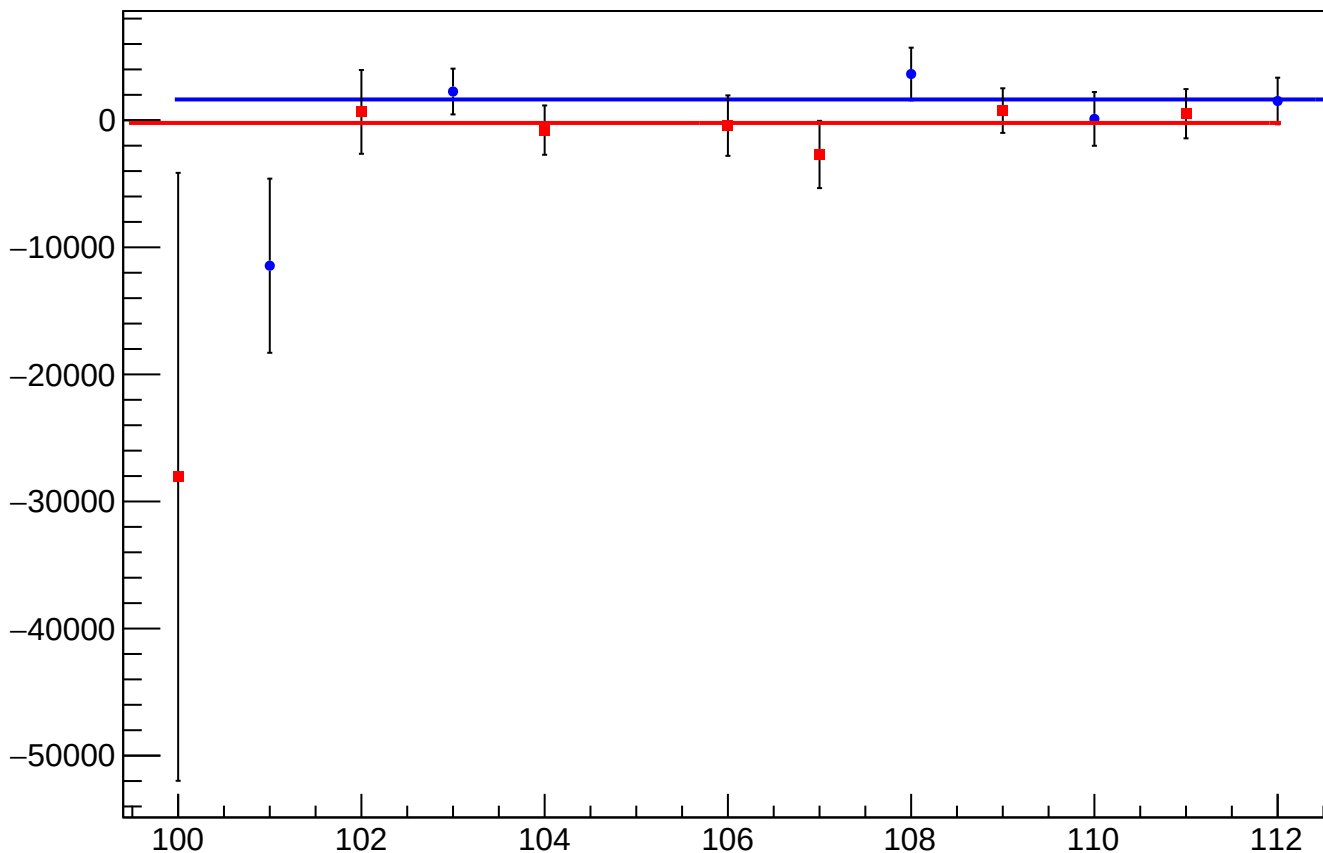
Right: 1012.252+/-0.319 χ^2/NDF : 87796.2/11

In: 1008.313+/-0.450 χ^2/NDF : 34623.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1012.252+/-0.319 χ^2/NDF : 87796.2/11

dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1636.492 $\pm$ 960.848 χ^2 /NDF: 5.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -212.611 $\pm$ 887.320 χ^2 /NDF: 2.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

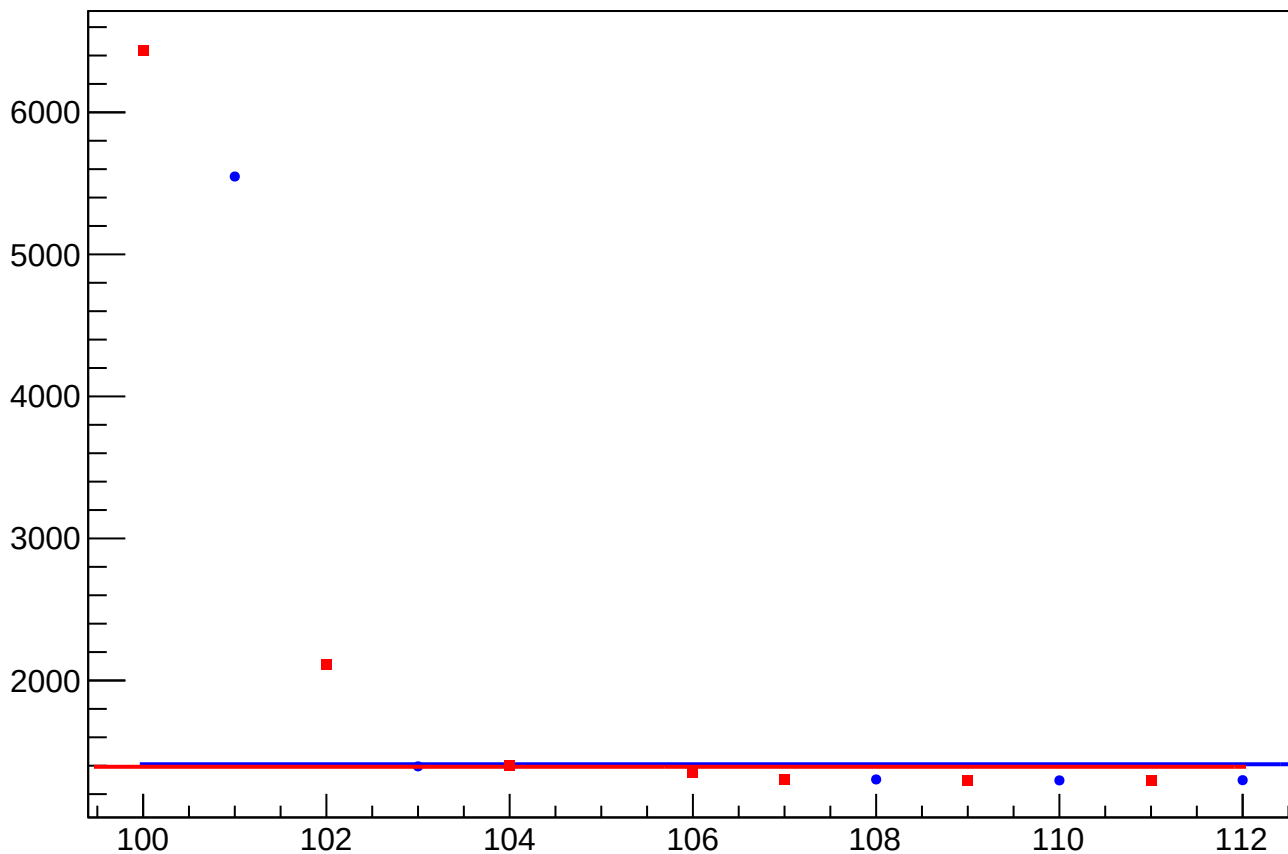
Right: 638.492 $\pm$ 651.876 χ^2 /NDF: 10.1/11

In: 1636.492 $\pm$ 960.848 χ^2 /NDF:5.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 638.492 $\pm$ 651.876 χ^2 /NDF: 10.1/11

dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1410.251+/-0.679 χ^2/NDF : 747988.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1392.450+/-0.627 χ^2/NDF : 197350.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

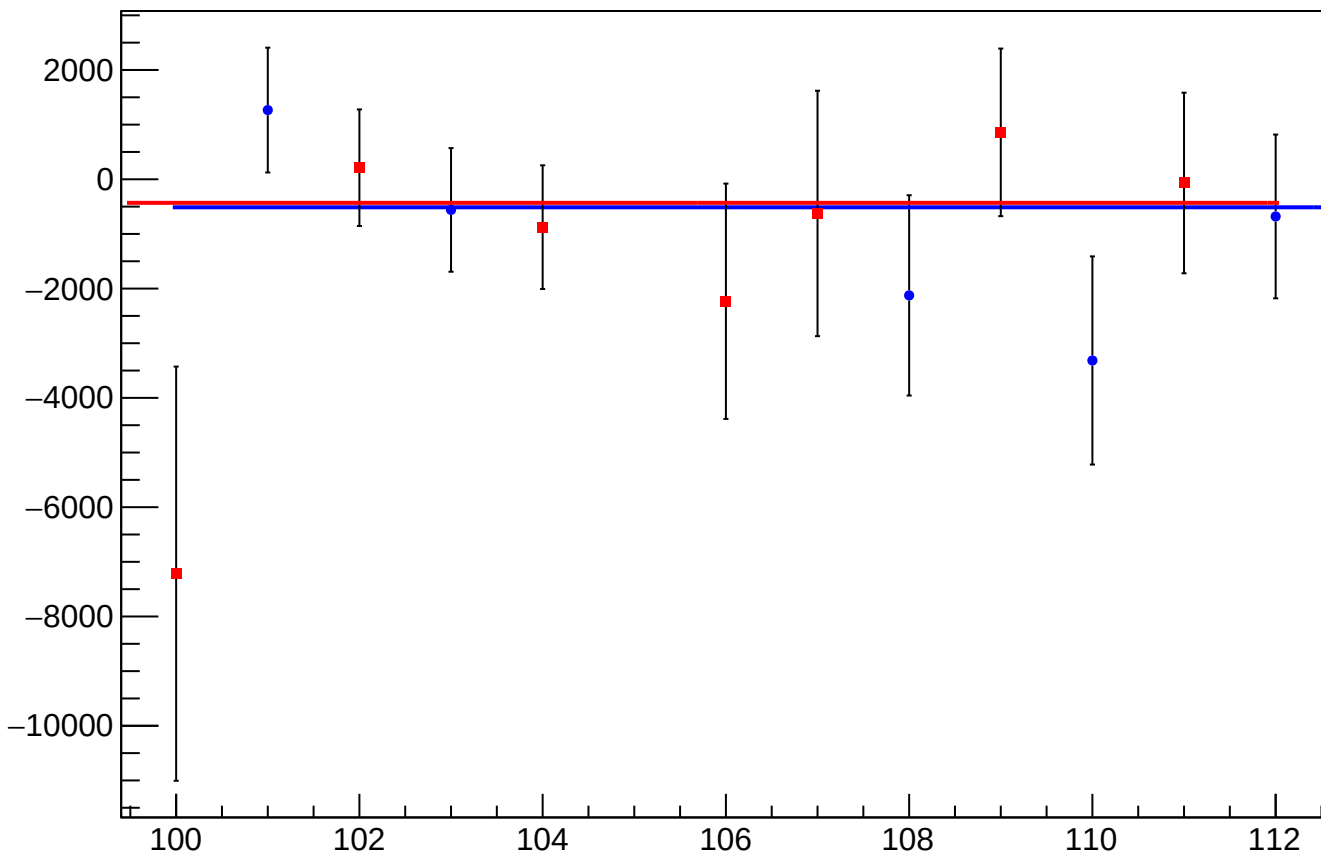
Right: 1400.643+/-0.461 χ^2/NDF : 945710.2/11

In: 1410.251+/-0.679 χ^2/NDF : 747988.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1400.643+/-0.461 χ^2/NDF : 945710.2/11

asym_usr_atr1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -512.739+/-624.079 χ^2/NDF : 5.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -431.058+/-583.659 χ^2/NDF : 5.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

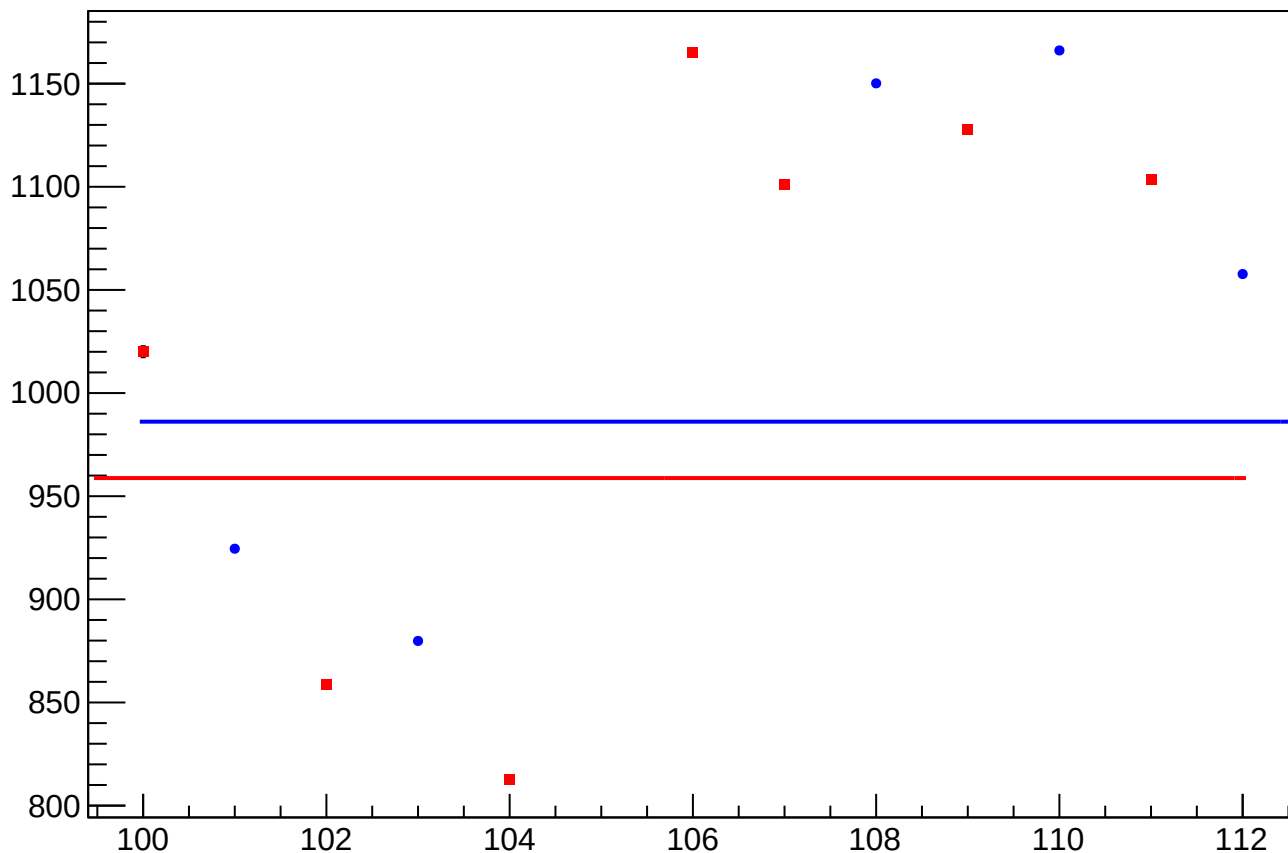
Right: -469.168+/-426.283 χ^2/NDF : 10.6/11

In: -512.739+/-624.079 χ^2/NDF : 5.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -469.168+/-426.283 χ^2/NDF : 10.6/11

asym_usr_atr1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 986.134+/-0.441 χ^2/NDF : 61921.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 958.794+/-0.413 χ^2/NDF : 117447.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

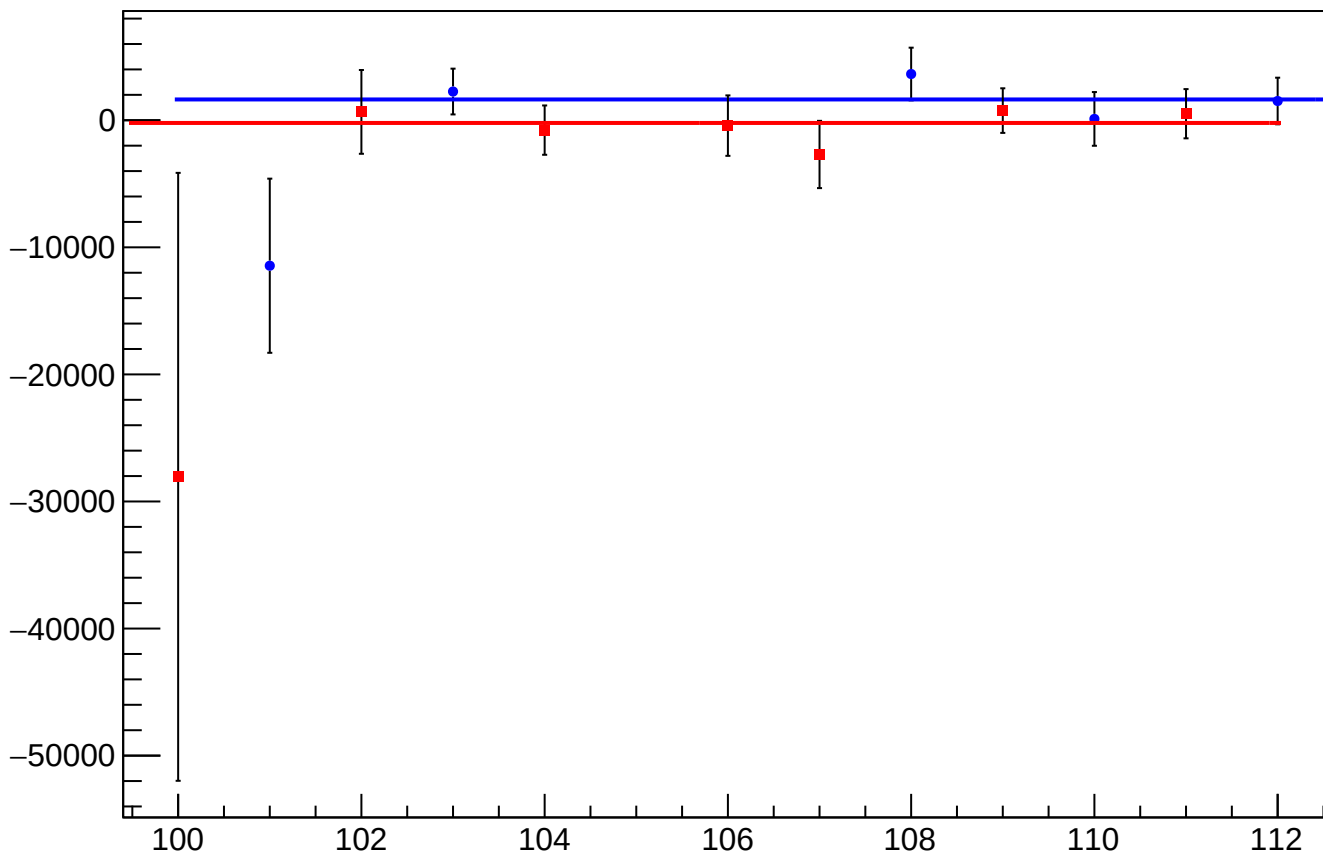
Right: 971.550+/-0.301 χ^2/NDF : 181417.0/11

In: 986.134+/-0.441 χ^2/NDF : 61921.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 971.550+/-0.301 χ^2/NDF : 181417.0/11

eigen_dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1636.494+/-960.847 χ^2/NDF : 5.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -212.610+/-887.320 χ^2/NDF : 2.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

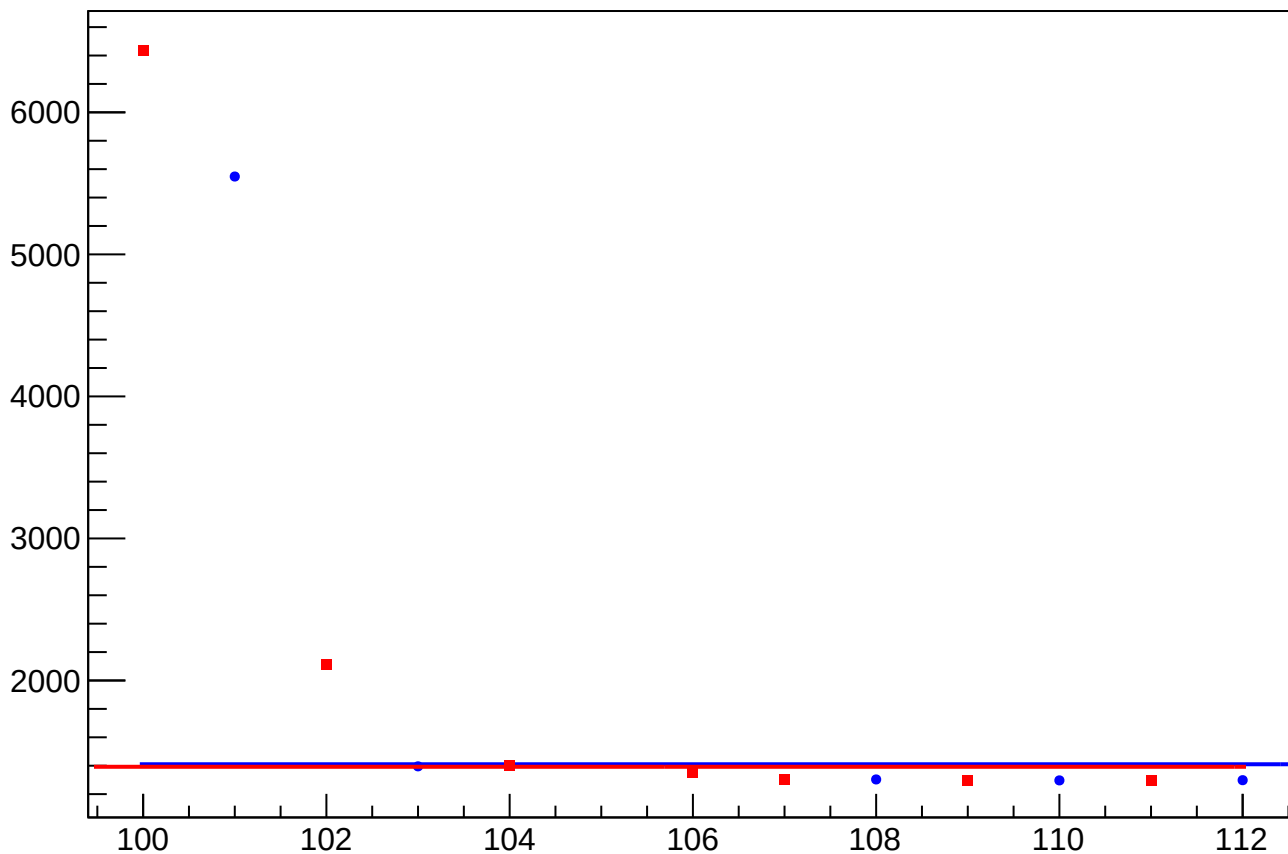
Right: 638.493+/-651.876 χ^2/NDF : 10.1/11

In: 1636.494+/-960.847 χ^2/NDF : 5.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 638.493+/-651.876 χ^2/NDF : 10.1/11

eigen_dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1410.251+/-0.679 χ^2/NDF : 747988.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1392.450+/-0.627 χ^2/NDF : 197350.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

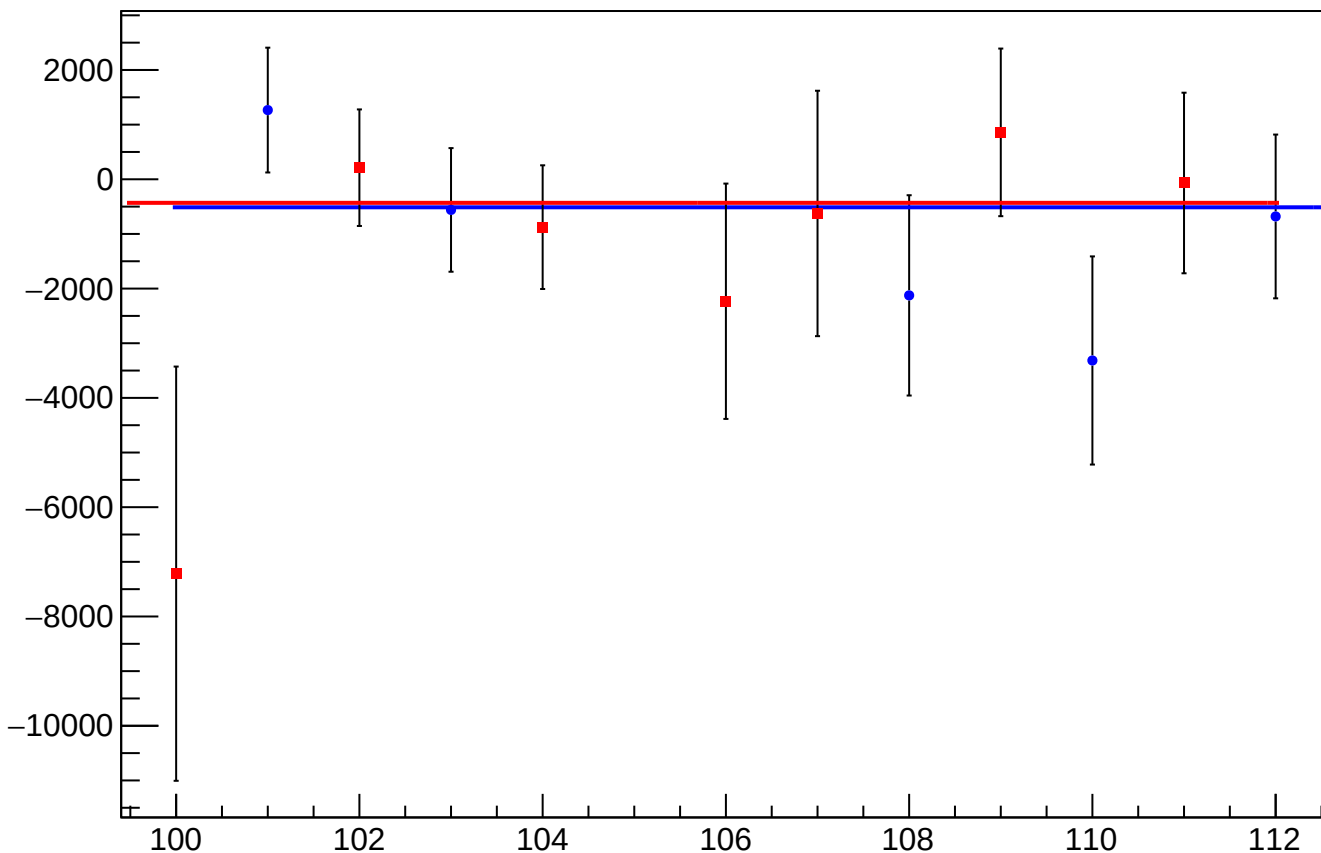
Right: 1400.643+/-0.461 χ^2/NDF : 945710.2/11

In: 1410.251+/-0.679 χ^2/NDF : 747988.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1400.643+/-0.461 χ^2/NDF : 945710.2/11

asym_usr_atr1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -512.740+/-624.079 χ^2/NDF : 5.4/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -431.057+/-583.660 χ^2/NDF : 5.2/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

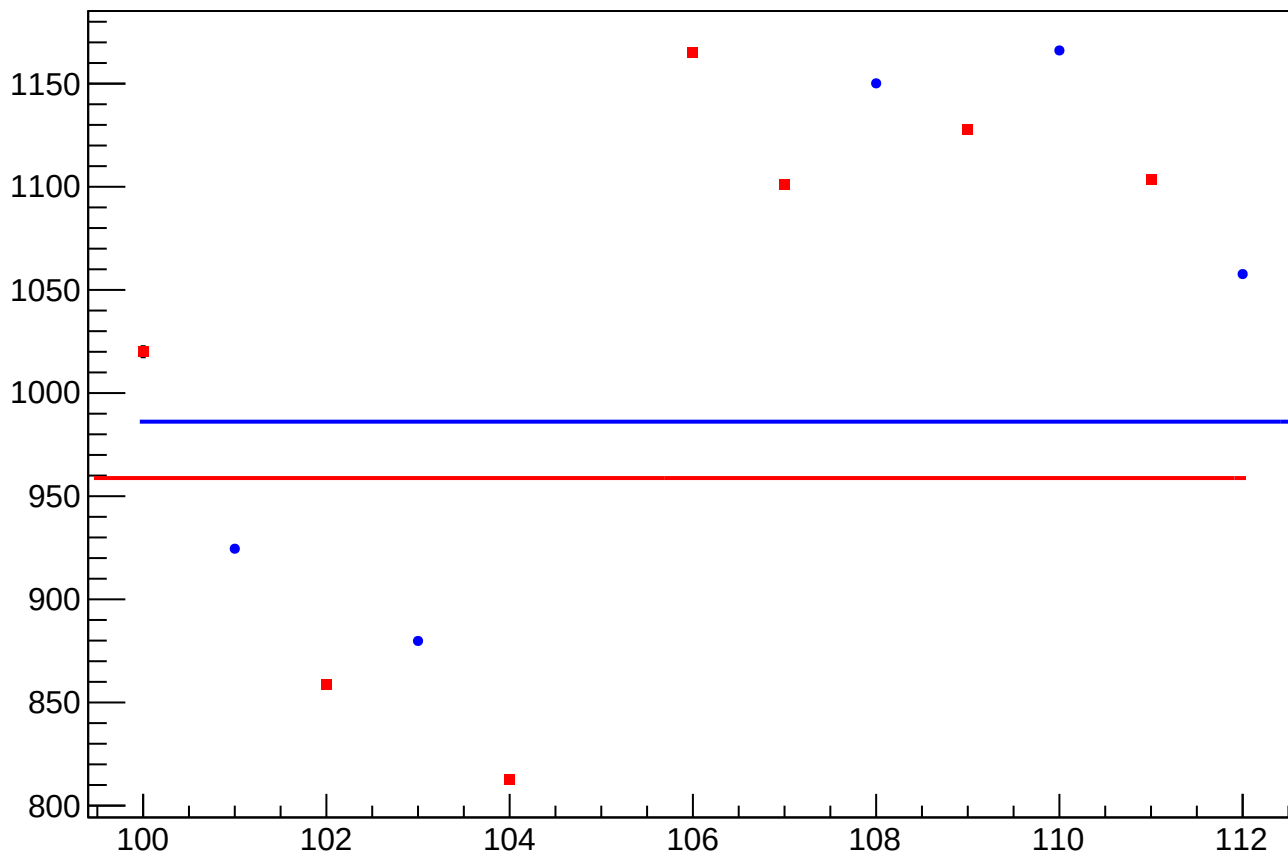
Right: -469.168+/-426.283 χ^2/NDF : 10.6/11

In: -512.740+/-624.079 χ^2/NDF :5.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -469.168+/-426.283 χ^2/NDF : 10.6/11

asym_usr_atr1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 986.133+/-0.441 χ^2/NDF : 61919.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 958.795+/-0.413 χ^2/NDF : 117445.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

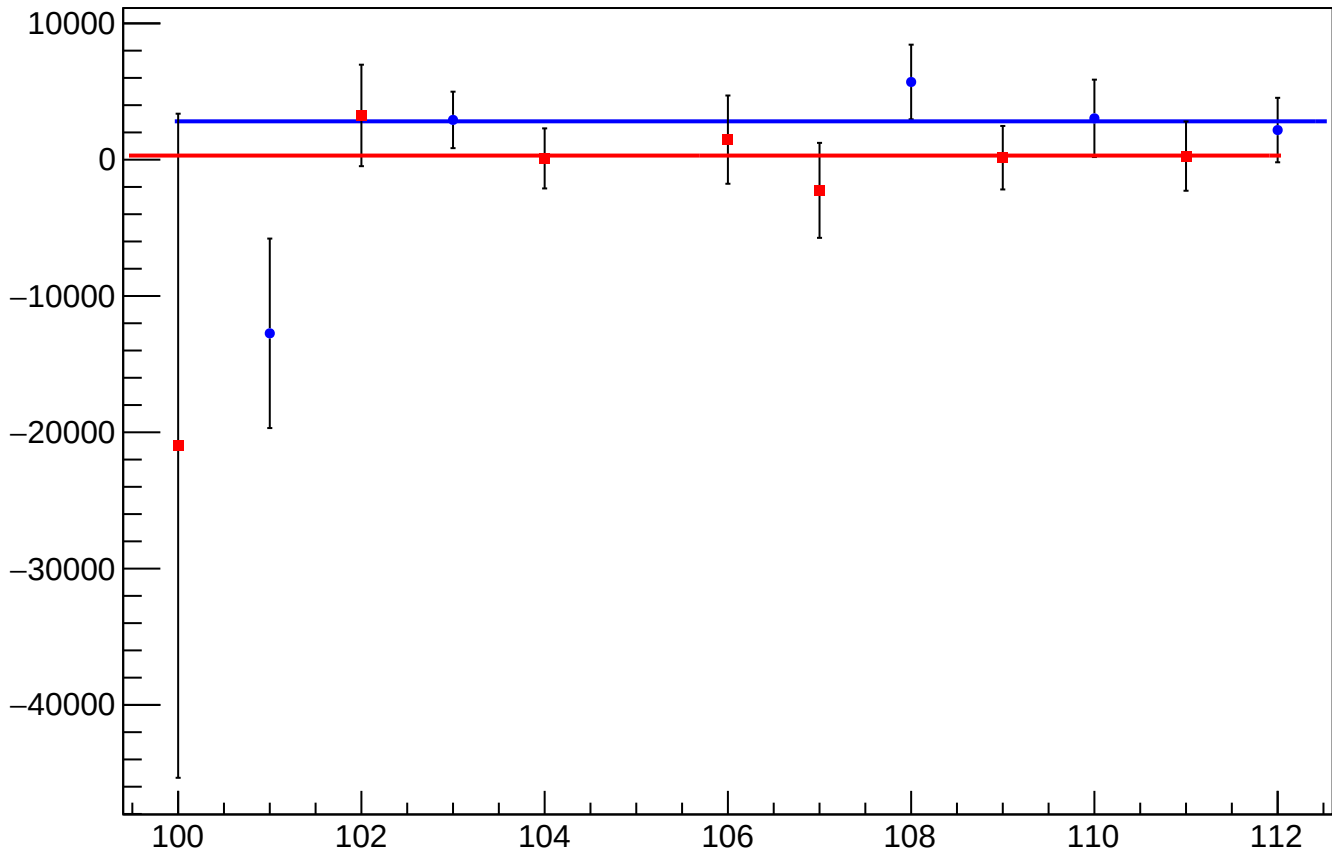
Right: 971.550+/-0.301 χ^2/NDF : 181412.0/11

In: 986.133+/-0.441 χ^2/NDF : 61919.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 971.550+/-0.301 χ^2/NDF : 181412.0/11

asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 2814.377+/-1203.718 χ^2 /NDF: 6.2/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 302.576+/-1120.417 χ^2 /NDF: 2.1/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

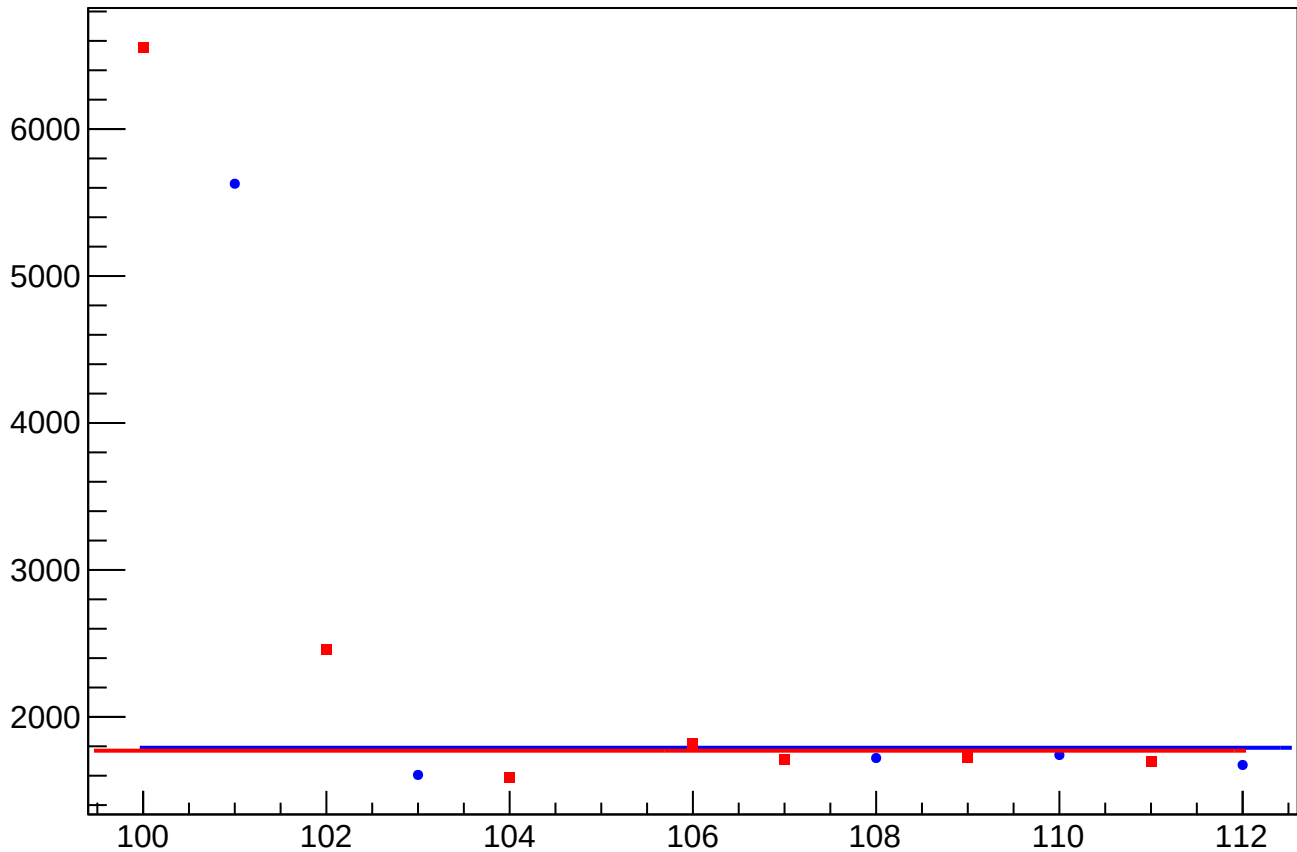
Right: 1468.566+/-820.124 χ^2 /NDF: 10.6/11

In: 2814.377+/-1203.718 χ^2 /NDF:6.2/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1468.566+/-820.124 χ^2 /NDF: 10.6/11

asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1790.112+/-0.851 χ^2/NDF : 632511.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1770.273+/-0.792 χ^2/NDF : 162531.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

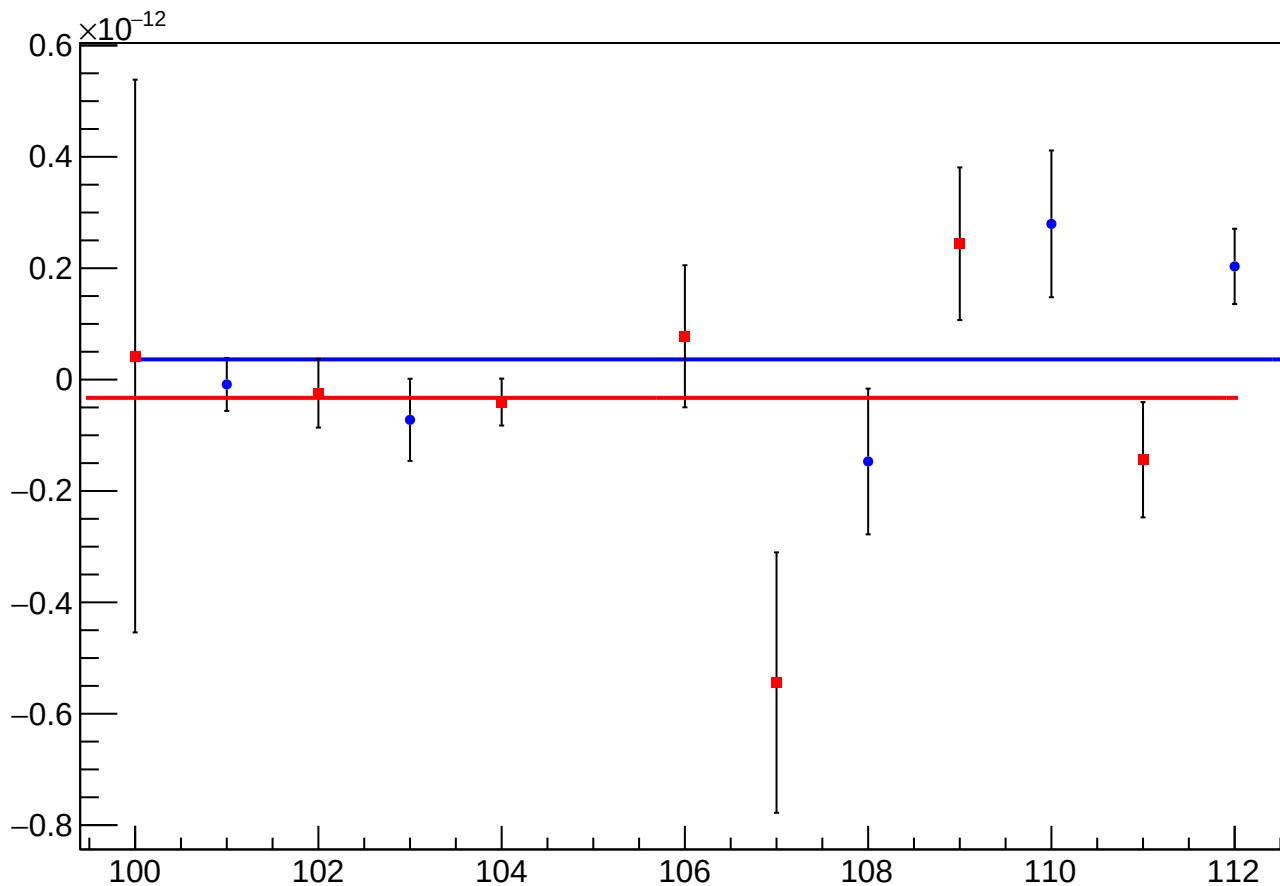
Right: 1779.482+/-0.580 χ^2/NDF : 795334.0/11

In: 1790.112+/-0.851 χ^2/NDF : 632511.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1779.482+/-0.580 χ^2/NDF : 795334.0/11

asym_usr_atr1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

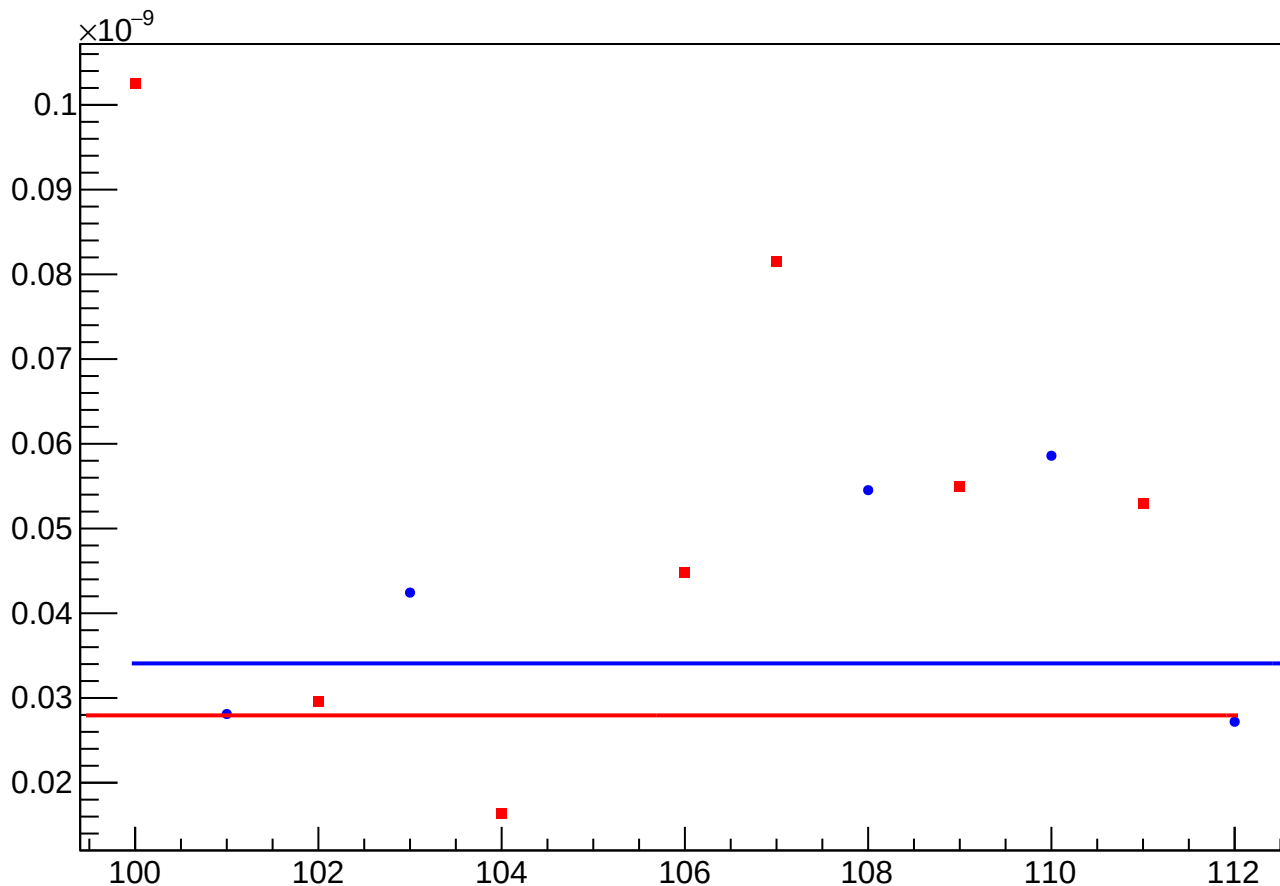
Right: 0.000+/-0.000 χ^2/NDF : 27.8/11

In: 0.000+/-0.000 χ^2/NDF : 14.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.8/11

asym_usr_atr1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 196081.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 533191.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

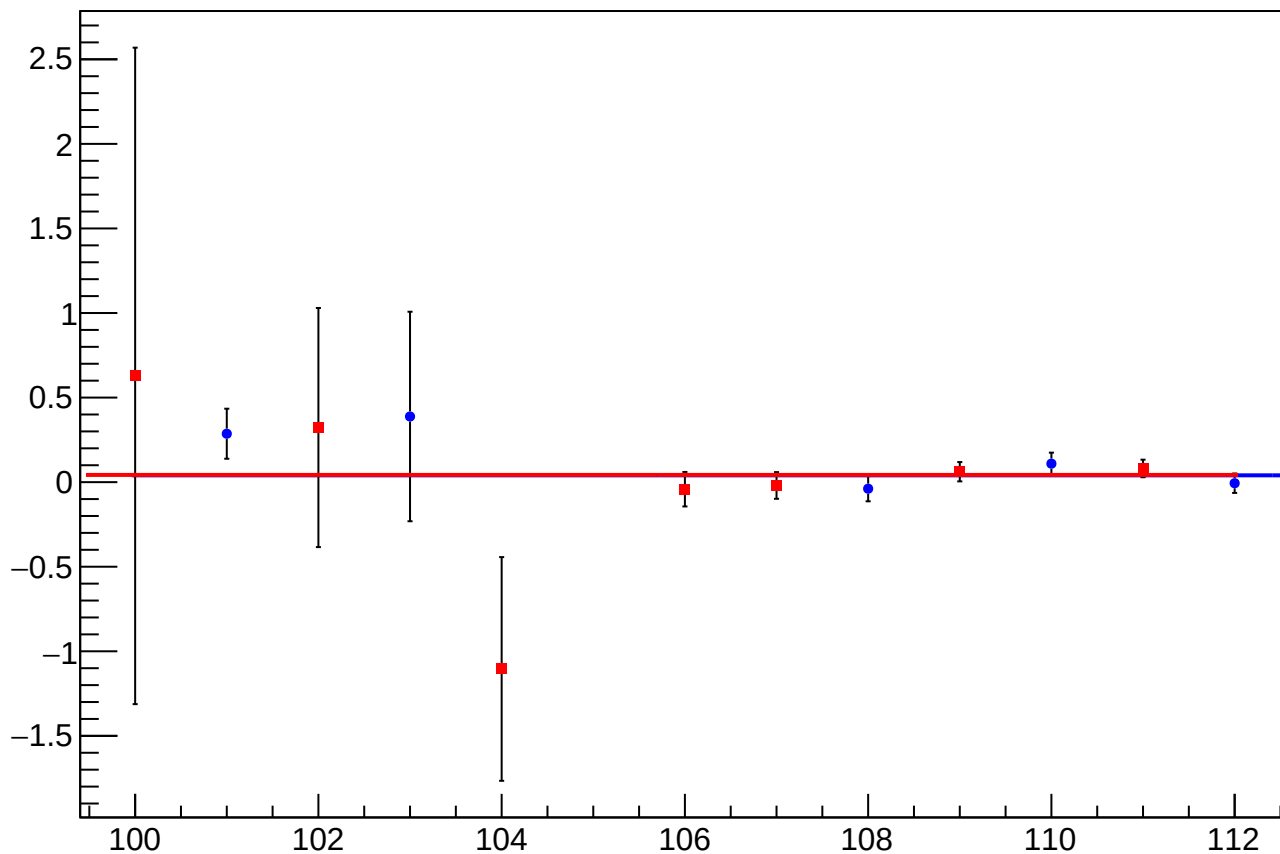
Right: 0.000+/-0.000 χ^2/NDF : 767143.5/11

In: 0.000+/-0.000 χ^2/NDF : 196081.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 767143.5/11

asym_usr_atr1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.040+/-0.036 χ^2/NDF : 6.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.043+/-0.033 χ^2/NDF : 5.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

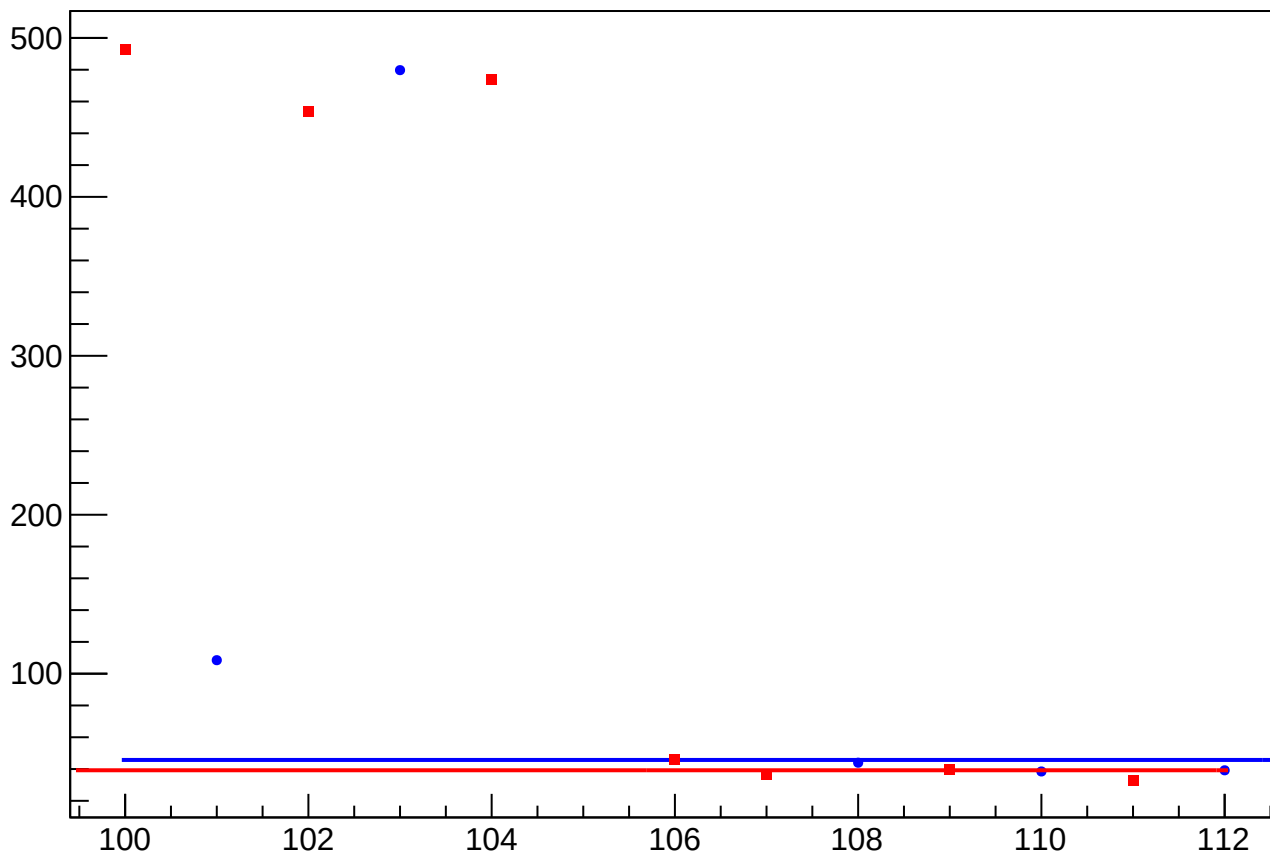
Right: 0.042+/-0.024 χ^2/NDF : 11.2/11

In: 0.040+/-0.036 χ^2/NDF : 6.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.042+/-0.024 χ^2/NDF : 11.2/11

asym_usr_atr1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.720+/-0.026 χ^2/NDF : 1393909.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.229+/-0.023 χ^2/NDF : 1703523.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

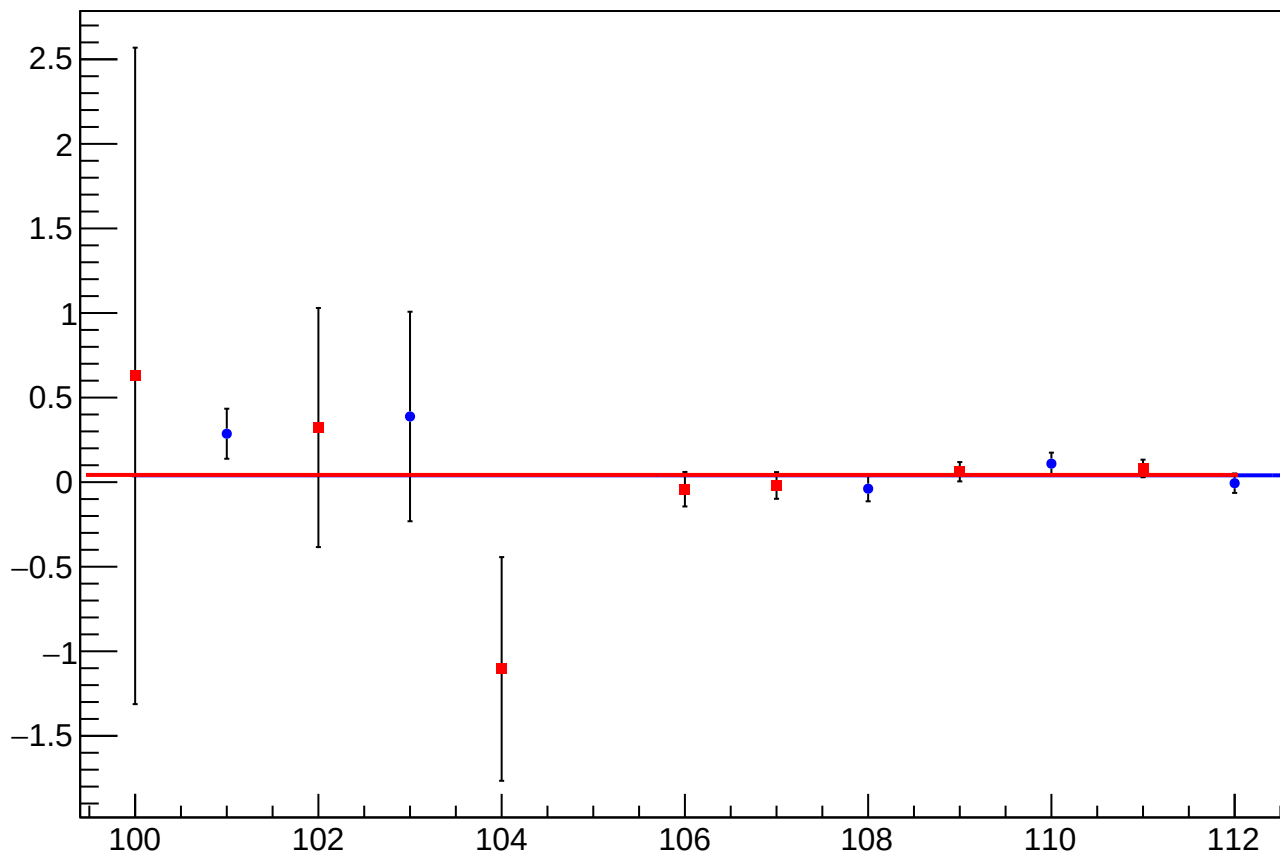
Right: 42.149+/-0.017 χ^2/NDF : 3133045.1/11

In: 45.720+/-0.026 χ^2/NDF : 1393909.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.149+/-0.017 χ^2/NDF : 3133045.1/11

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.040 $\pm$ 0.036 χ^2 /NDF: 6.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.043 $\pm$ 0.033 χ^2 /NDF: 5.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

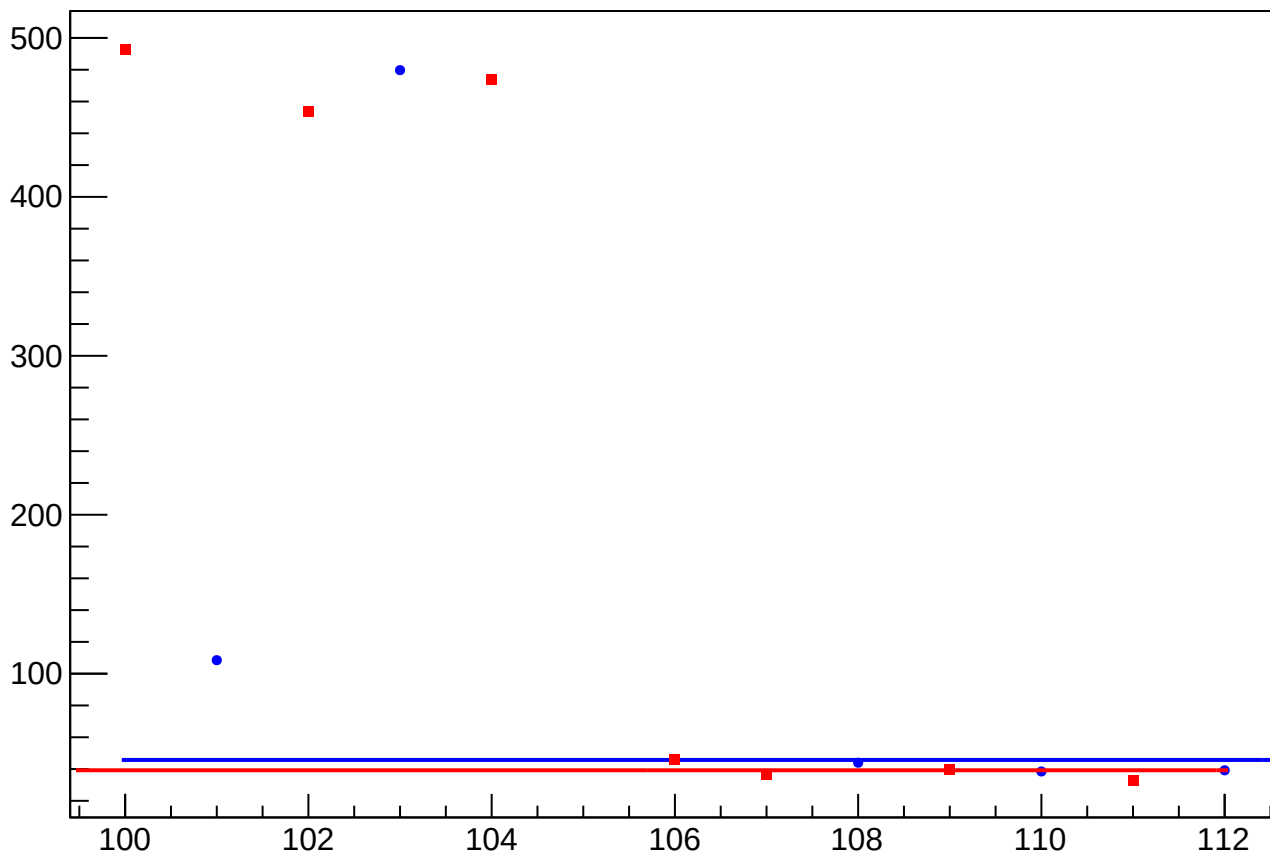
Right: 0.042 $\pm$ 0.024 χ^2 /NDF: 11.2/11

In: 0.040 $\pm$ 0.036 χ^2 /NDF:6.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.042 $\pm$ 0.024 χ^2 /NDF: 11.2/11

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.720+/-0.026 χ^2/NDF : 1393909.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.229+/-0.023 χ^2/NDF : 1703523.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

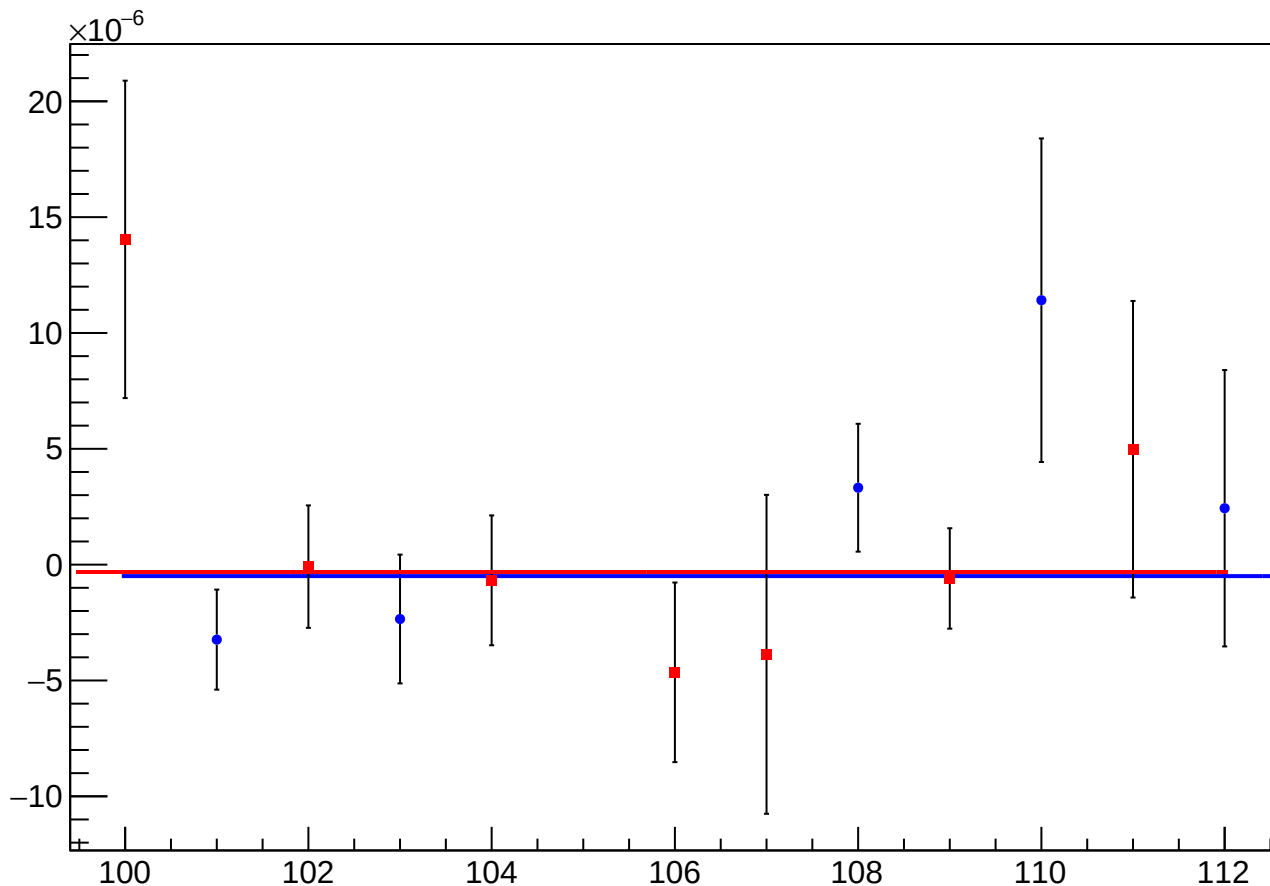
Right: 42.149+/-0.017 χ^2/NDF : 3133045.1/11

In: 45.720+/-0.026 χ^2/NDF : 1393909.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.149+/-0.017 χ^2/NDF : 3133045.1/11

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

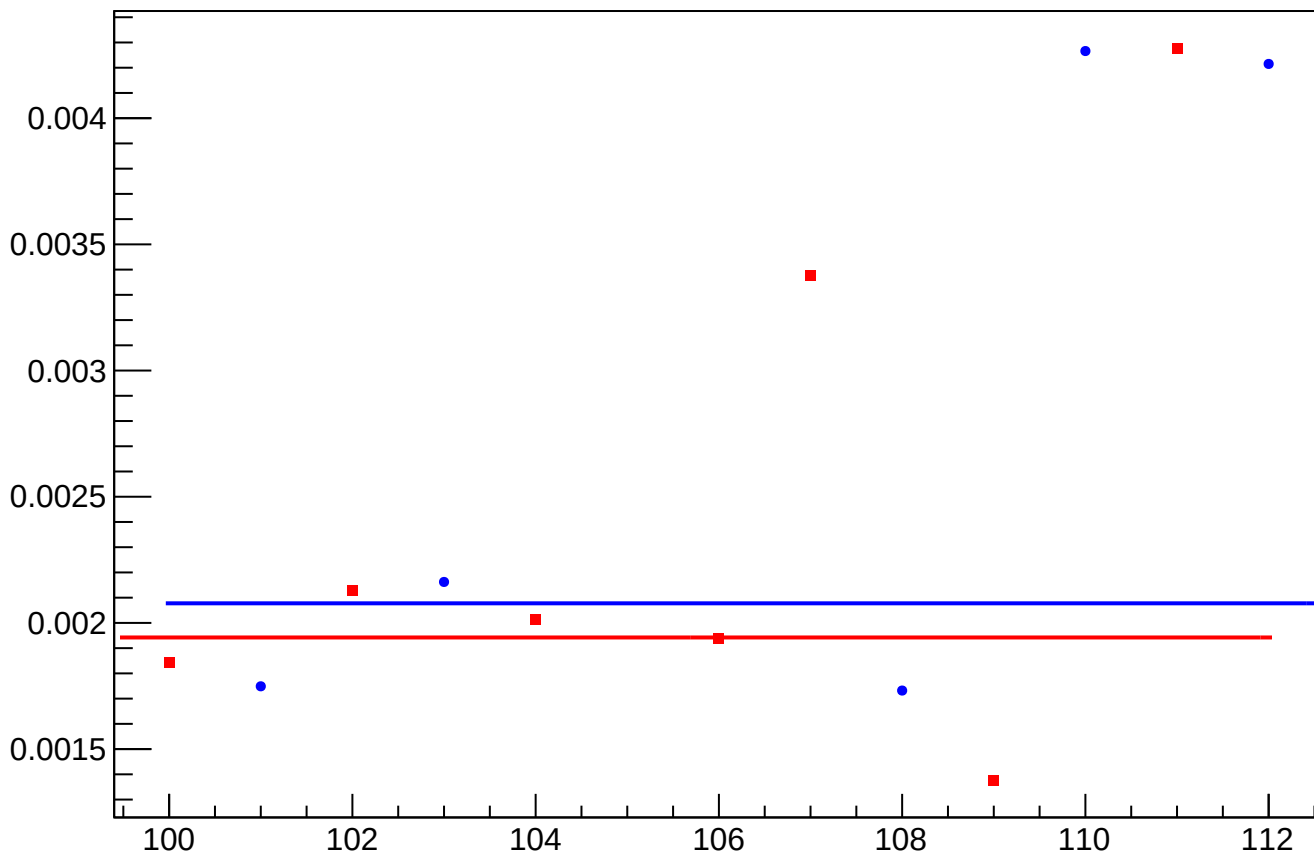
Right: -0.000+/-0.000 χ^2/NDF : 13.8/11

In: -0.000+/-0.000 χ^2/NDF : 7.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.8/11

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 532743.1/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 500586.7/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

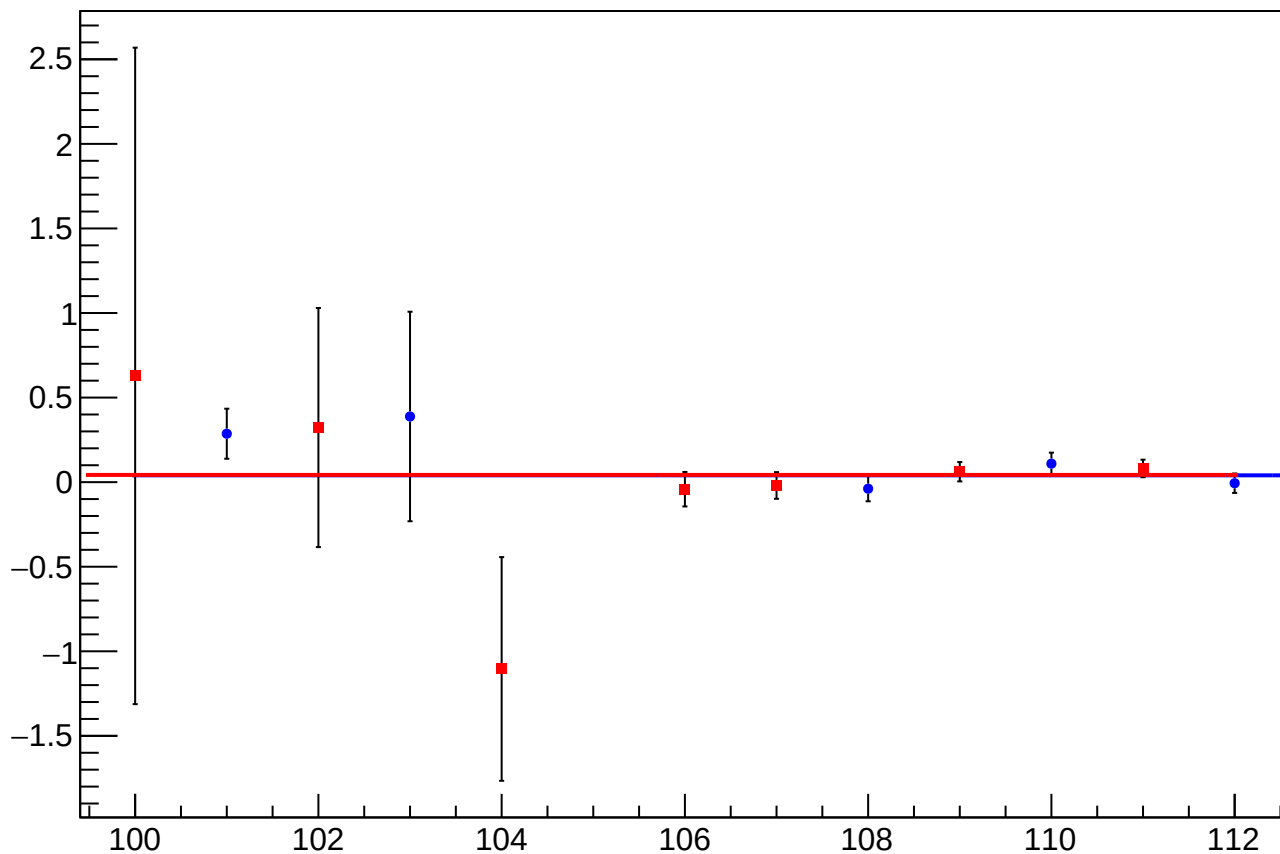
Right: 0.002+/-0.000 χ^2/NDF : 1043703.2/11

In: 0.002+/-0.000 χ^2/NDF :532743.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1043703.2/11

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.040 $\pm$ 0.036 χ^2 /NDF: 6.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.043 $\pm$ 0.033 χ^2 /NDF: 5.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

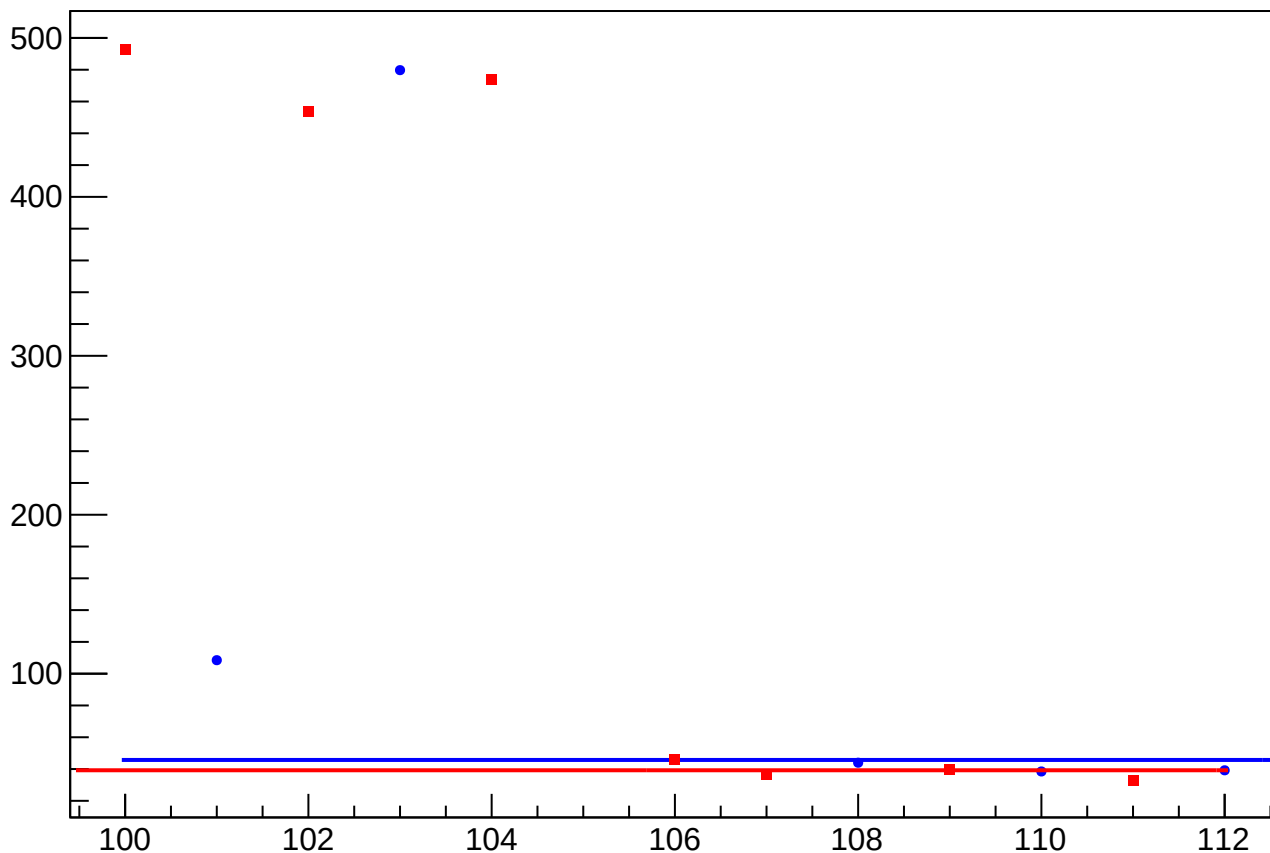
Right: 0.042 $\pm$ 0.024 χ^2 /NDF: 11.2/11

In: 0.040 $\pm$ 0.036 χ^2 /NDF:6.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.042 $\pm$ 0.024 χ^2 /NDF: 11.2/11

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.719+/-0.026 χ^2/NDF : 1393916.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.229+/-0.023 χ^2/NDF : 1703528.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

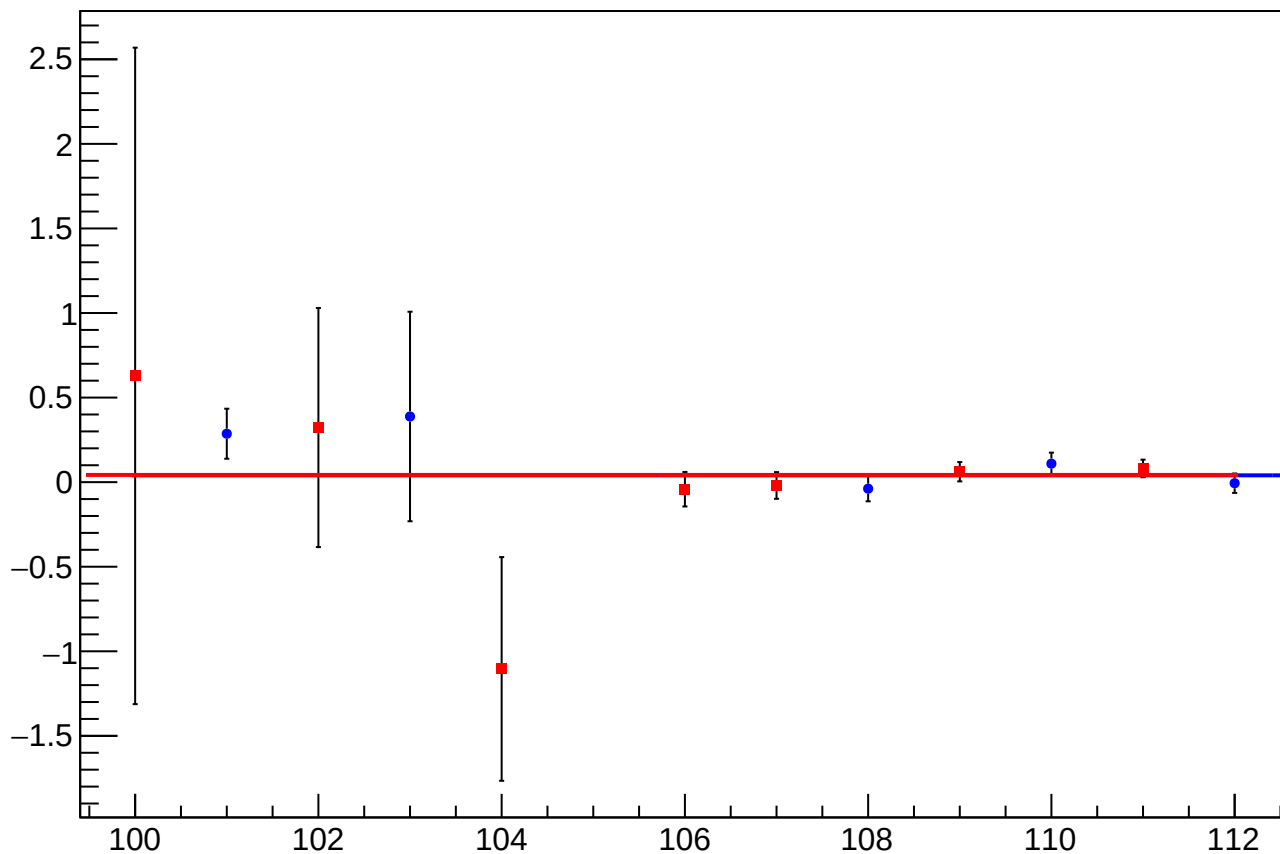
Right: 42.148+/-0.017 χ^2/NDF : 3133056.5/11

In: 45.719+/-0.026 χ^2/NDF : 1393916.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.148+/-0.017 χ^2/NDF : 3133056.5/11

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.040 $\pm$ 0.036 χ^2 /NDF: 6.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.043 $\pm$ 0.033 χ^2 /NDF: 5.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

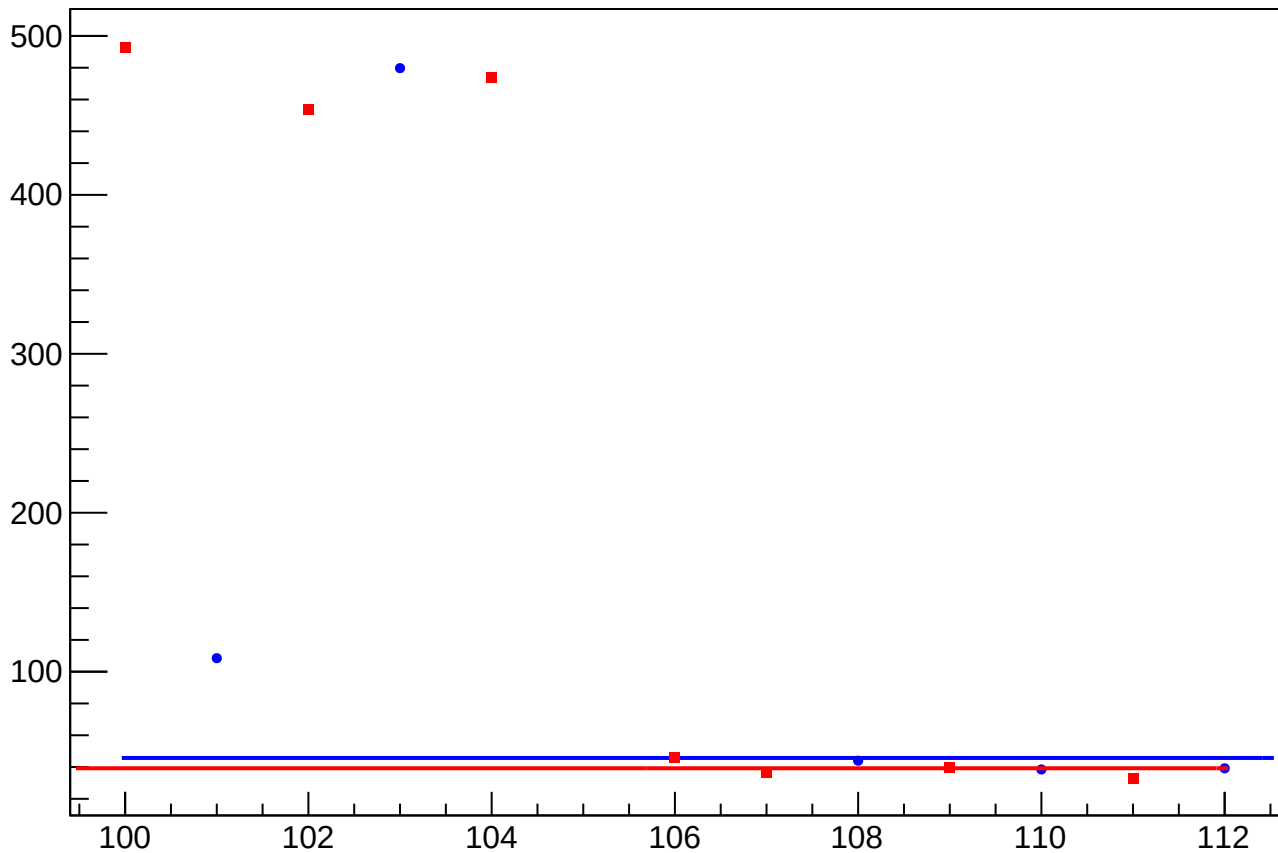
Right: 0.042 $\pm$ 0.024 χ^2 /NDF: 11.2/11

In: 0.040 $\pm$ 0.036 χ^2 /NDF:6.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.042 $\pm$ 0.024 χ^2 /NDF: 11.2/11

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.719+/-0.026 χ^2/NDF : 1393916.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.229+/-0.023 χ^2/NDF : 1703528.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

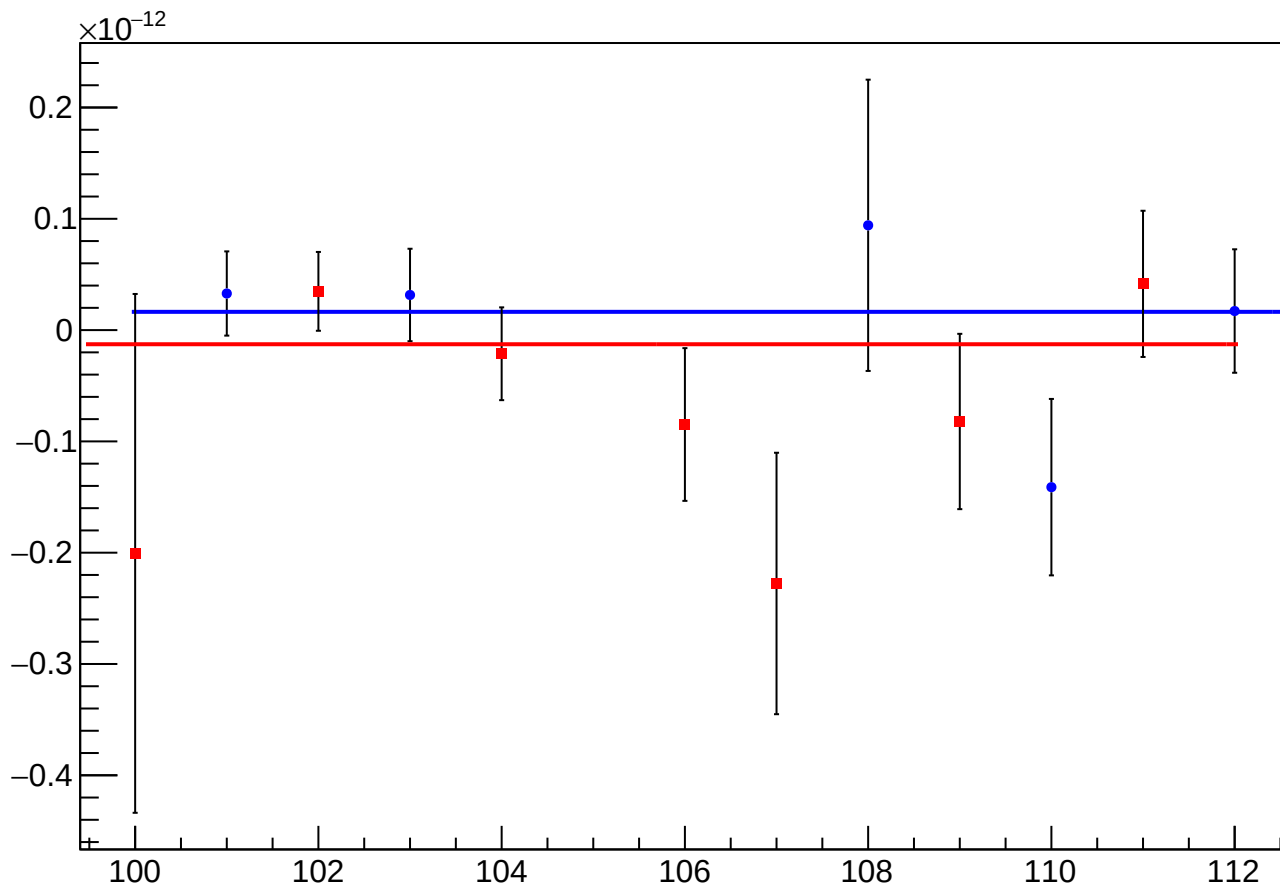
Right: 42.148+/-0.017 χ^2/NDF : 3133056.5/11

In: 45.719+/-0.026 χ^2/NDF : 1393916.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.148+/-0.017 χ^2/NDF : 3133056.5/11

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

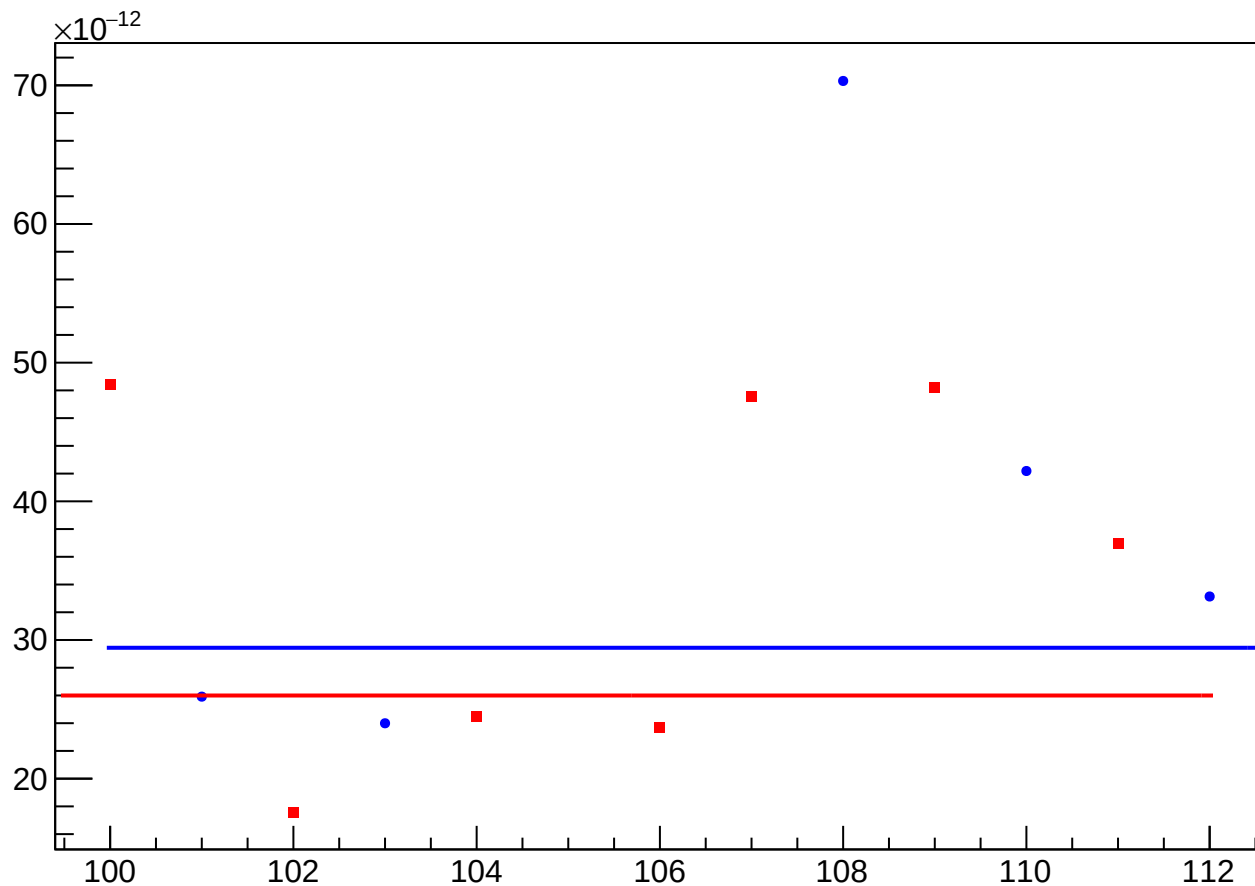
Right: 0.000+/-0.000 χ^2/NDF : 13.9/11

In: 0.000+/-0.000 χ^2/NDF : 4.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.9/11

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 307526.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 419455.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

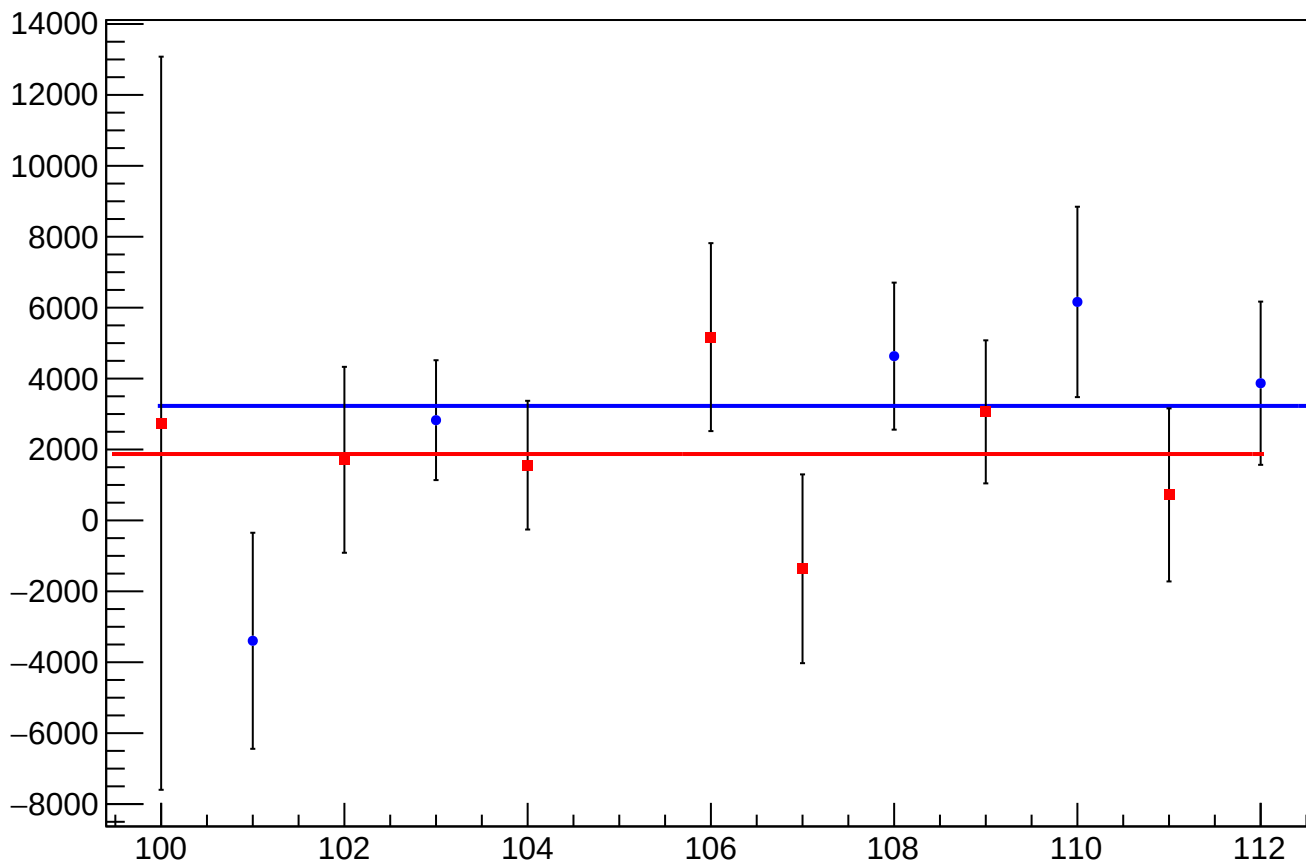
Right: 0.000+/-0.000 χ^2/NDF : 749937.7/11

In: 0.000+/-0.000 χ^2/NDF : 307526.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 749937.7/11

reg_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3229.119+/-991.203 χ^2/NDF : 6.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1872.368+/-930.296 χ^2/NDF : 3.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

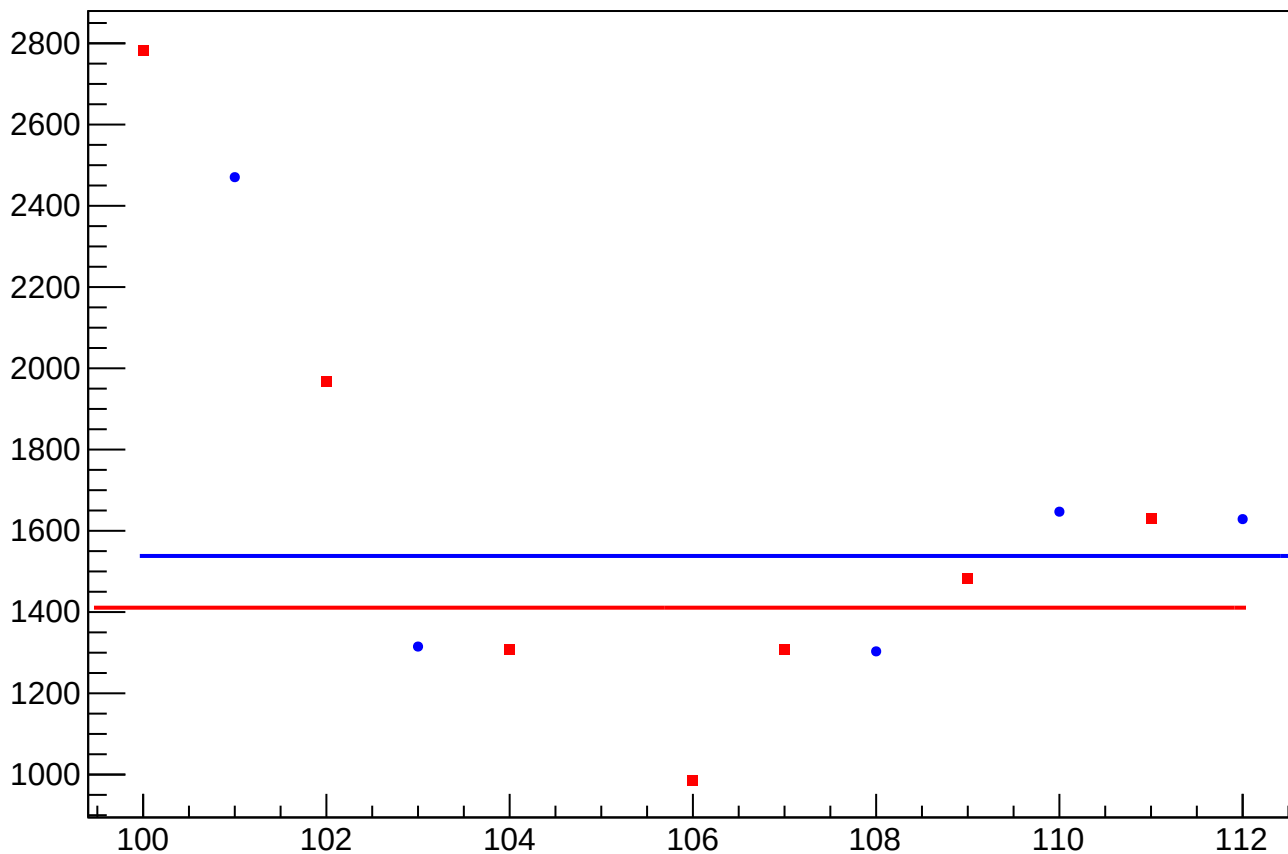
Right: 2507.781+/-678.329 χ^2/NDF : 11.1/11

In: 3229.119+/-991.203 χ^2/NDF : 6.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2507.781+/-678.329 χ^2/NDF : 11.1/11

reg_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1538.108+/-0.701 χ^2/NDF : 254186.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1410.791+/-0.631 χ^2/NDF : 240469.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

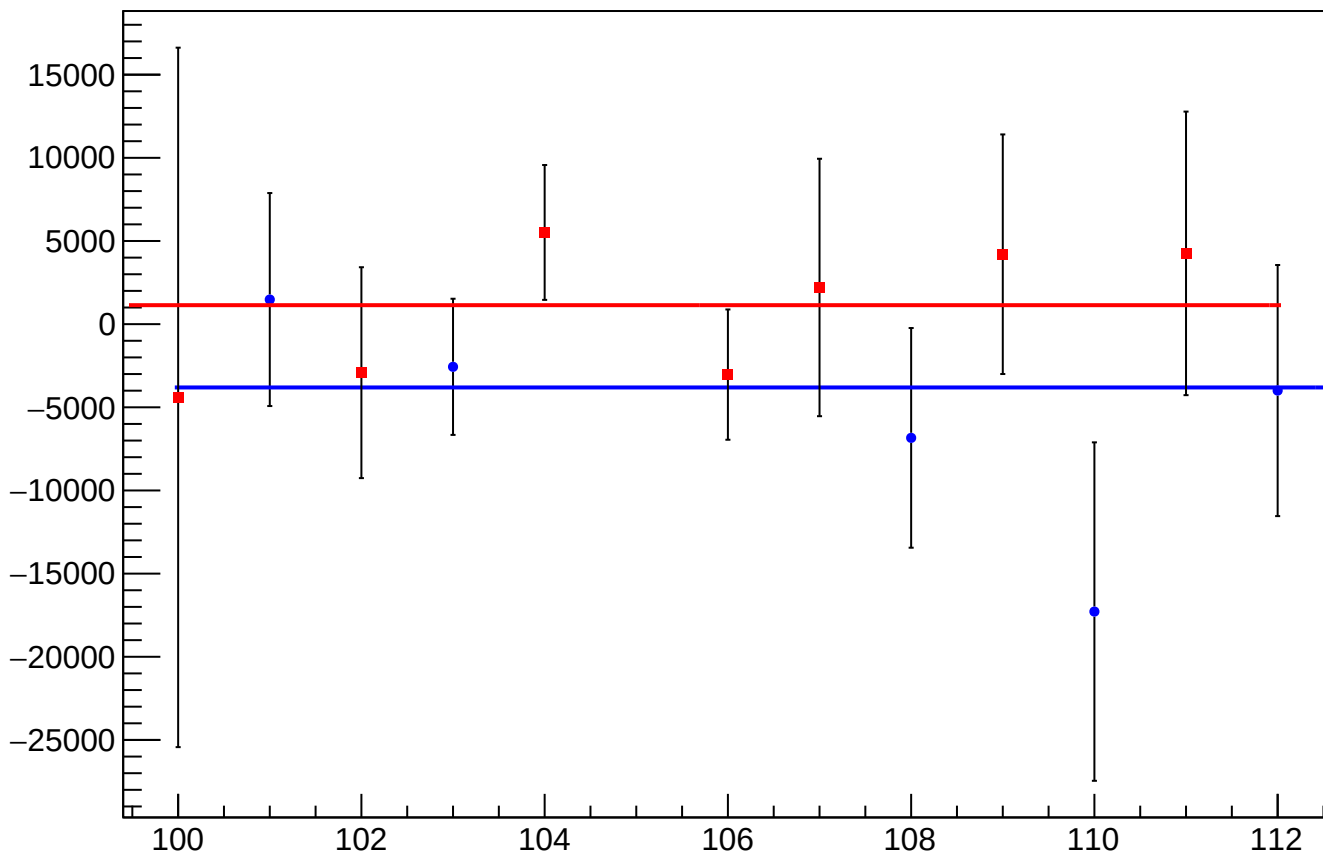
Right: 1467.819+/-0.469 χ^2/NDF : 512872.9/11

In: 1538.108+/-0.701 χ^2/NDF : 254186.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1467.819+/-0.469 χ^2/NDF : 512872.9/11

asym_usr_atr2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -3806.282+/-2729.735 χ^2 /NDF: 2.7/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1140.859+/-2220.113 χ^2 /NDF: 3.1/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

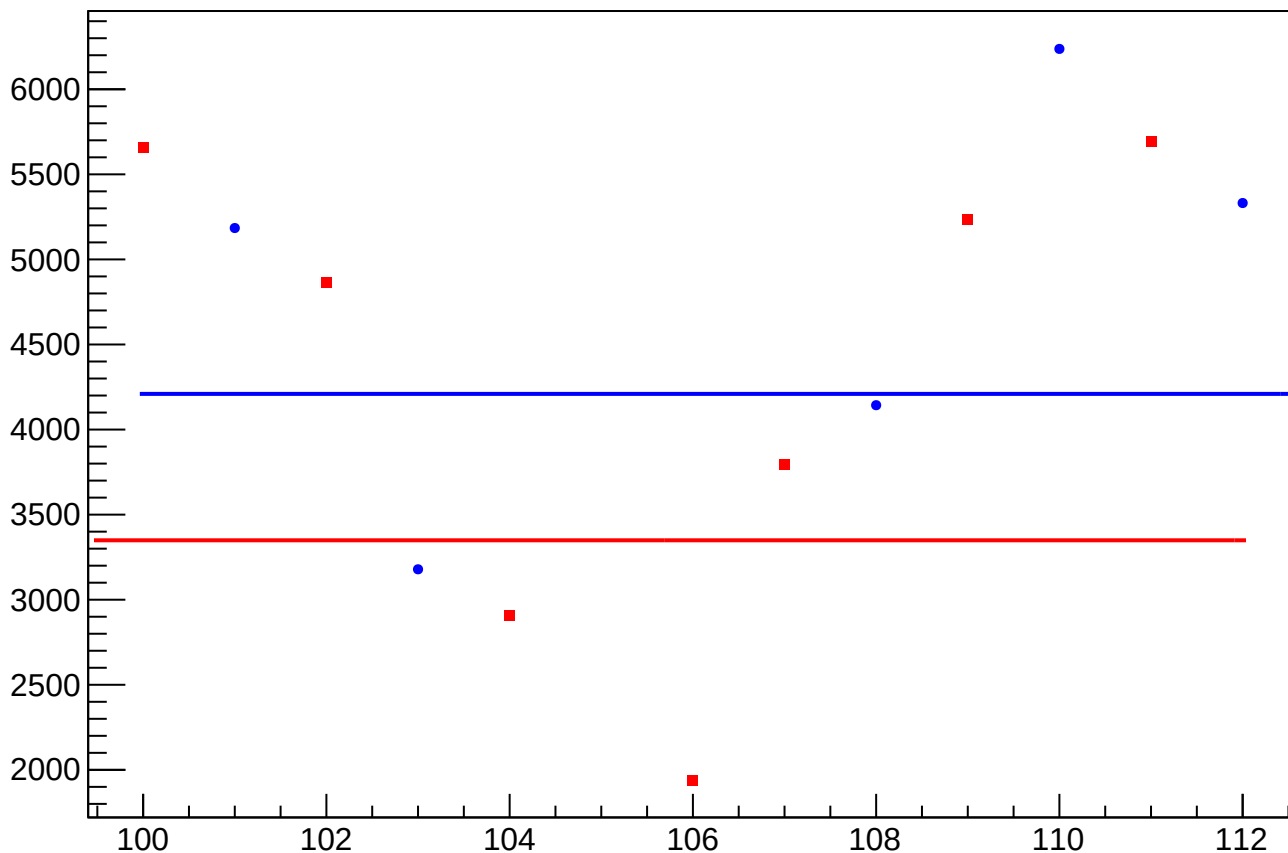
Right: -828.711+/-1722.380 χ^2 /NDF: 7.8/11

In: -3806.282+/-2729.735 χ^2 /NDF:2.7/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -828.711+/-1722.380 χ^2 /NDF: 7.8/11

asym_usr_atr2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 4209.651+/-1.930 χ^2/NDF : 296993.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3349.161+/-1.570 χ^2/NDF : 716160.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

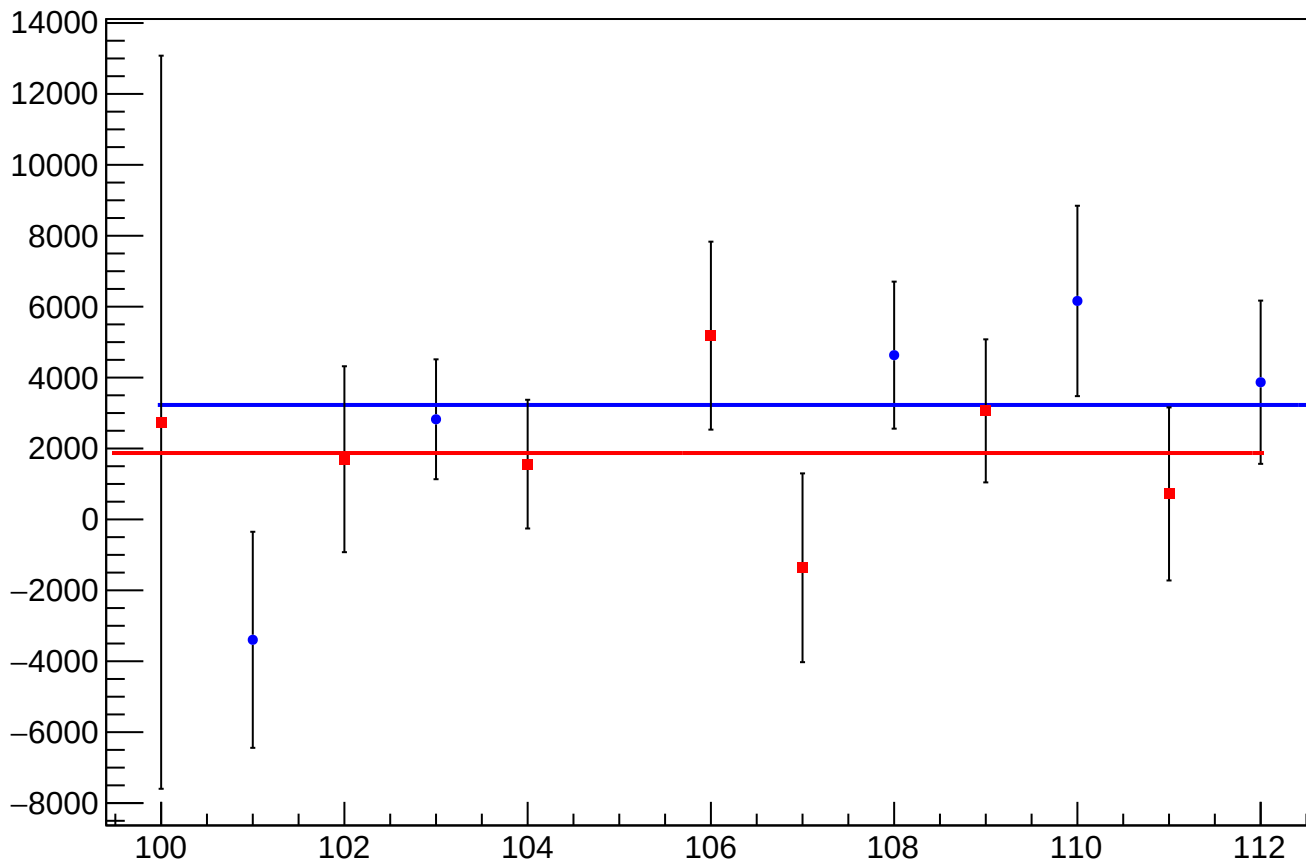
Right: 3691.742+/-1.218 χ^2/NDF : 1132769.3/11

In: 4209.651+/-1.930 χ^2/NDF : 296993.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3691.742+/-1.218 χ^2/NDF : 1132769.3/11

cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3228.041+/-991.203 χ^2/NDF : 6.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1872.643+/-930.307 χ^2/NDF : 3.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

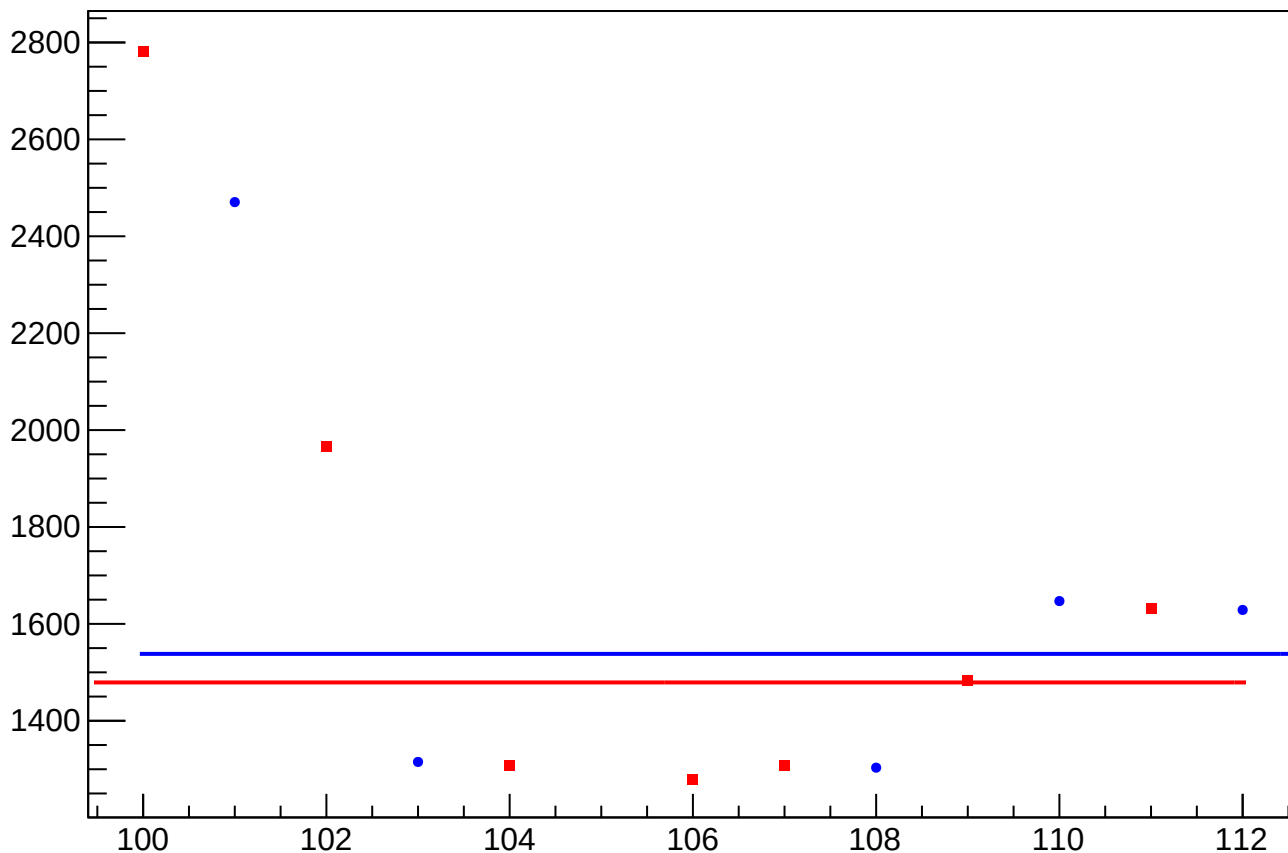
Right: 2507.431+/-678.334 χ^2/NDF : 11.2/11

In: 3228.041+/-991.203 χ^2/NDF : 6.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2507.431+/-678.334 χ^2/NDF : 11.2/11

cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1538.109+/-0.701 χ^2/NDF : 254185.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1479.150+/-0.651 χ^2/NDF : 148221.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

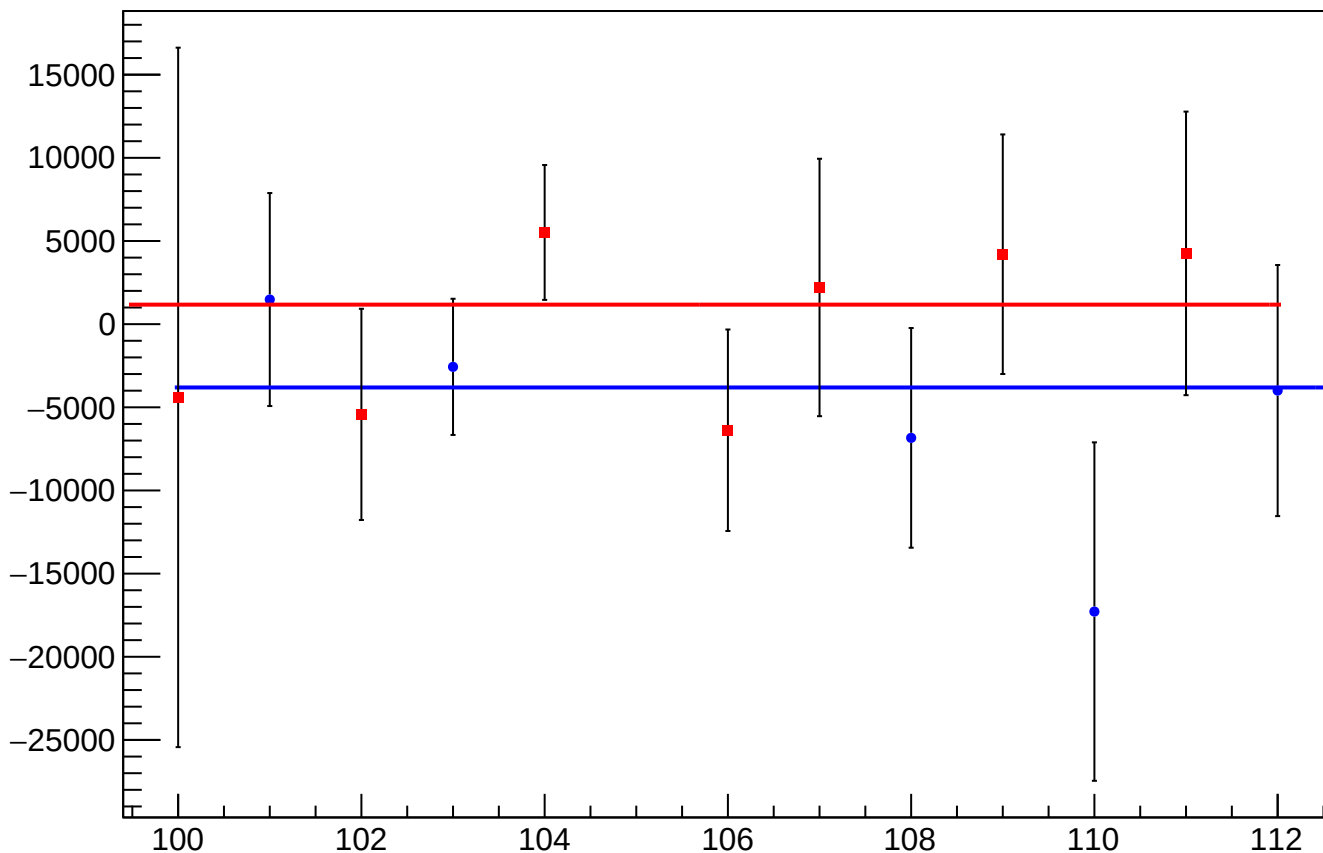
Right: 1506.475+/-0.477 χ^2/NDF : 406203.6/11

In: 1538.109+/-0.701 χ^2/NDF : 254185.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1506.475+/-0.477 χ^2/NDF : 406203.6/11

asym_usr_atr2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -3807.099+/-2729.857 χ^2 /NDF: 2.7/4

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1172.770+/-2462.762 χ^2 /NDF: 4.2/6

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

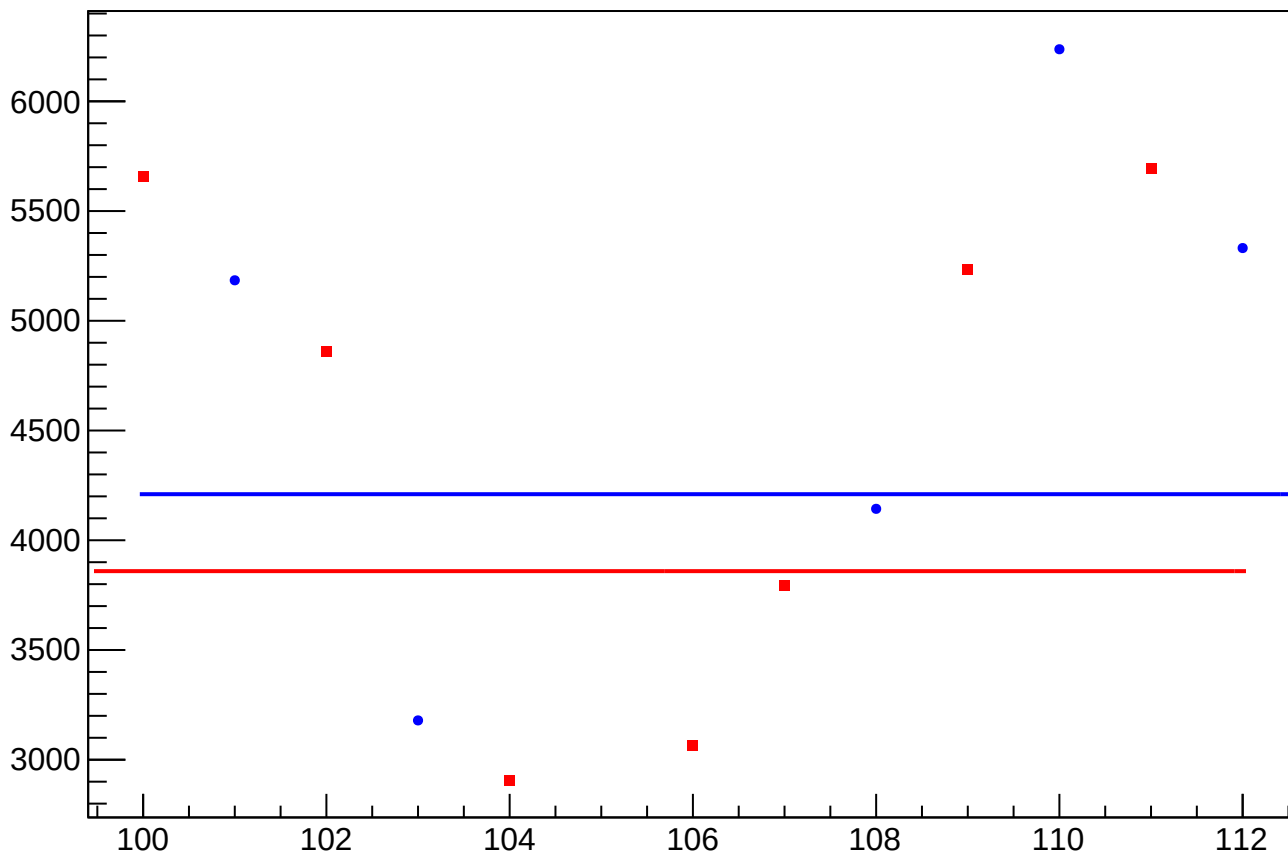
Right: -1061.689+/-1828.593 χ^2 /NDF: 8.7/11

In: -3807.099+/-2729.857 χ^2 /NDF: 2.7/4

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1061.689+/-1828.593 χ^2 /NDF: 8.7/11

asym_usr_atr2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 4209.897 $\pm$ 1.930 χ^2 /NDF: 296880.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3859.295 $\pm$ 1.741 χ^2 /NDF: 374849.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

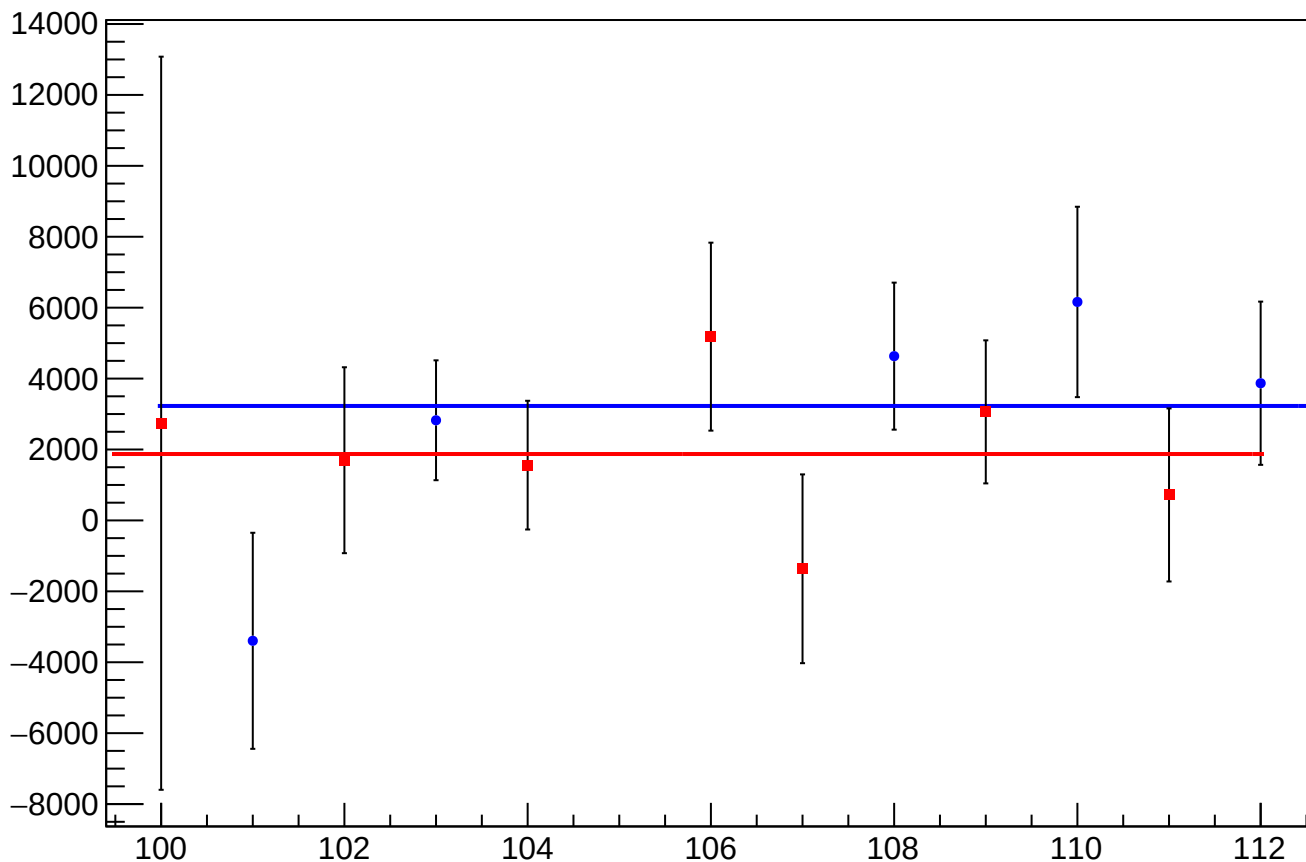
Right: 4016.610 $\pm$ 1.293 χ^2 /NDF: 689917.3/11

In: 4209.897 $\pm$ 1.930 χ^2 /NDF:296880.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4016.610 $\pm$ 1.293 χ^2 /NDF: 689917.3/11

eigen_cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3228.041+/-991.203 χ^2/NDF : 6.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1872.643+/-930.307 χ^2/NDF : 3.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

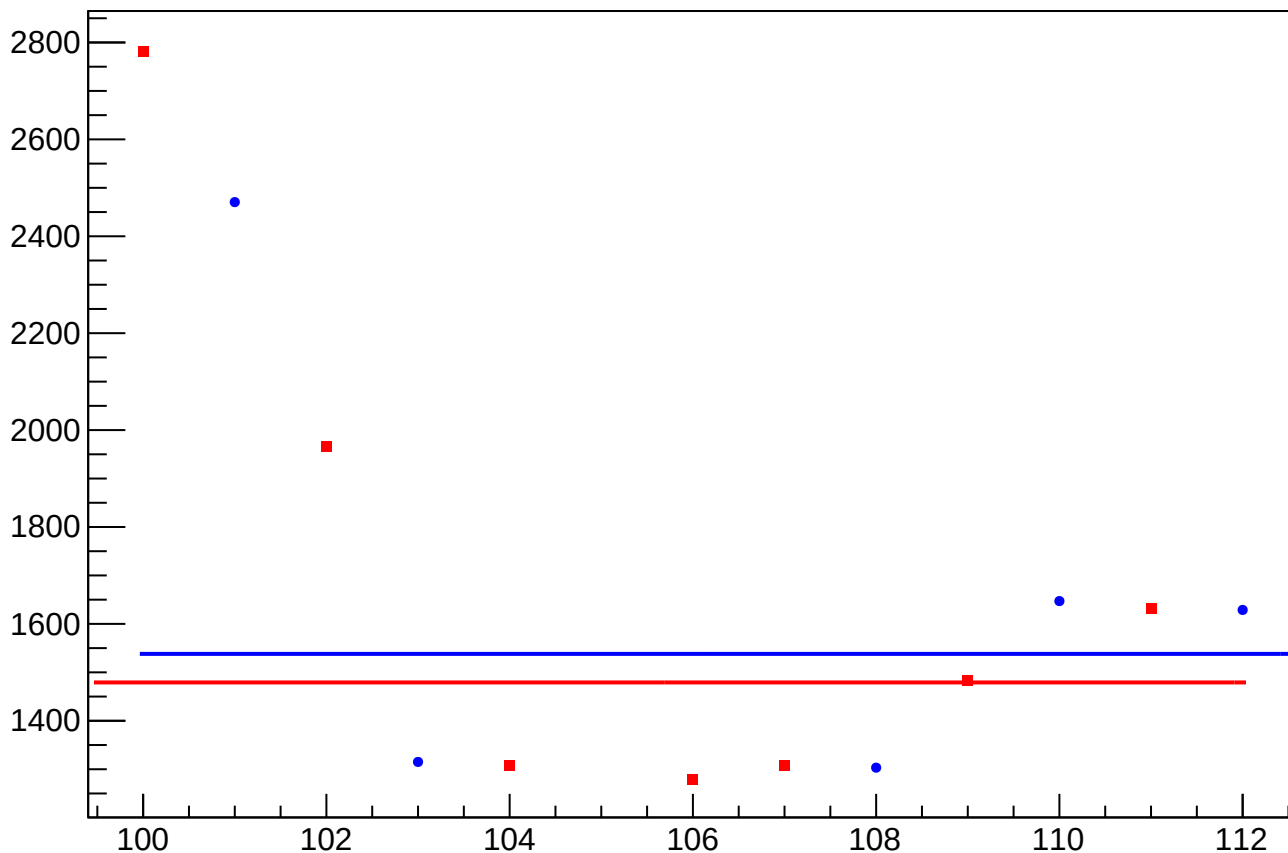
Right: 2507.431+/-678.334 χ^2/NDF : 11.2/11

In: 3228.041+/-991.203 χ^2/NDF : 6.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2507.431+/-678.334 χ^2/NDF : 11.2/11

eigen_cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1538.109+/-0.701 χ^2/NDF : 254185.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1479.150+/-0.651 χ^2/NDF : 148221.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

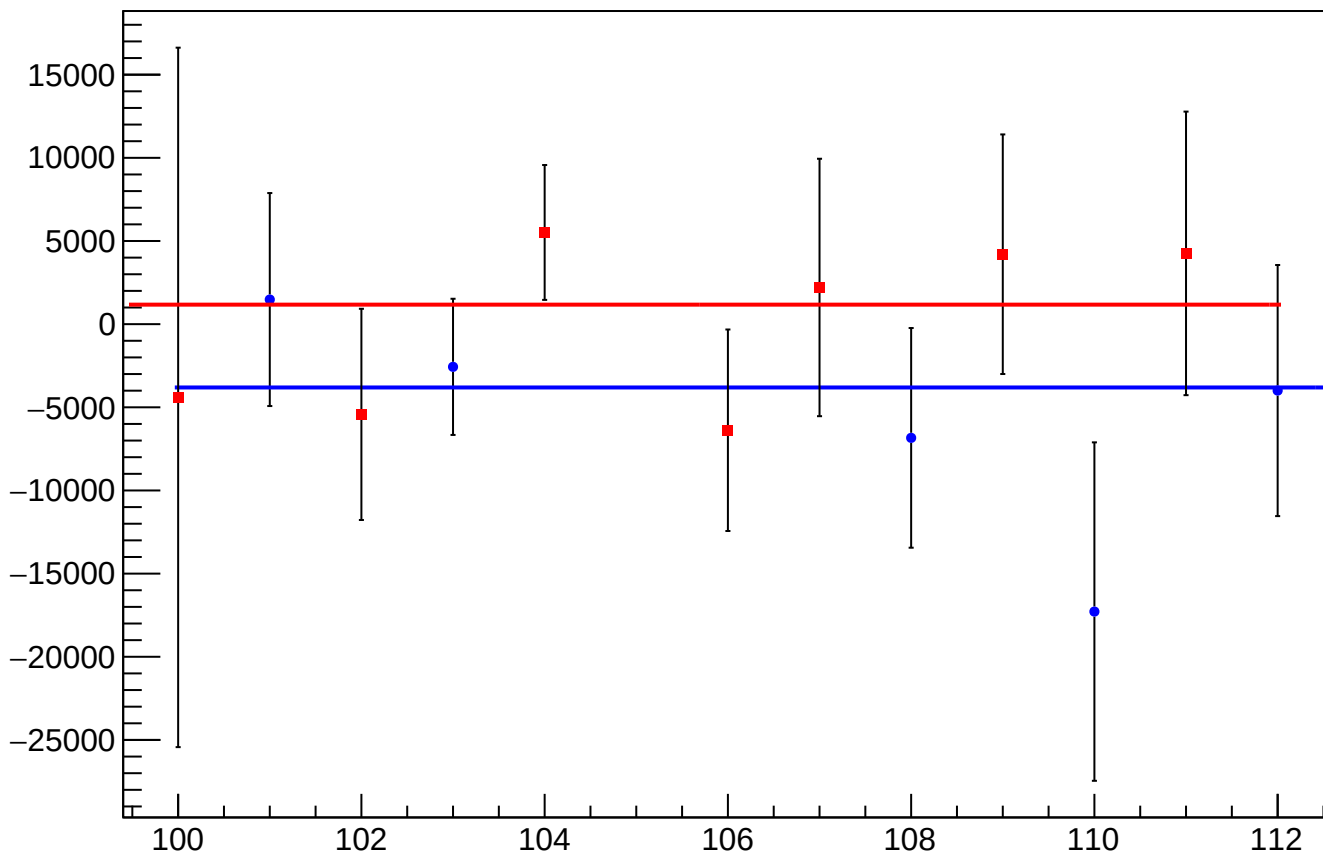
Right: 1506.475+/-0.477 χ^2/NDF : 406203.6/11

In: 1538.109+/-0.701 χ^2/NDF : 254185.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1506.475+/-0.477 χ^2/NDF : 406203.6/11

asym_usr_atr2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -3807.099+/-2729.857 χ^2/NDF : 2.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1172.770+/-2462.762 χ^2/NDF : 4.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

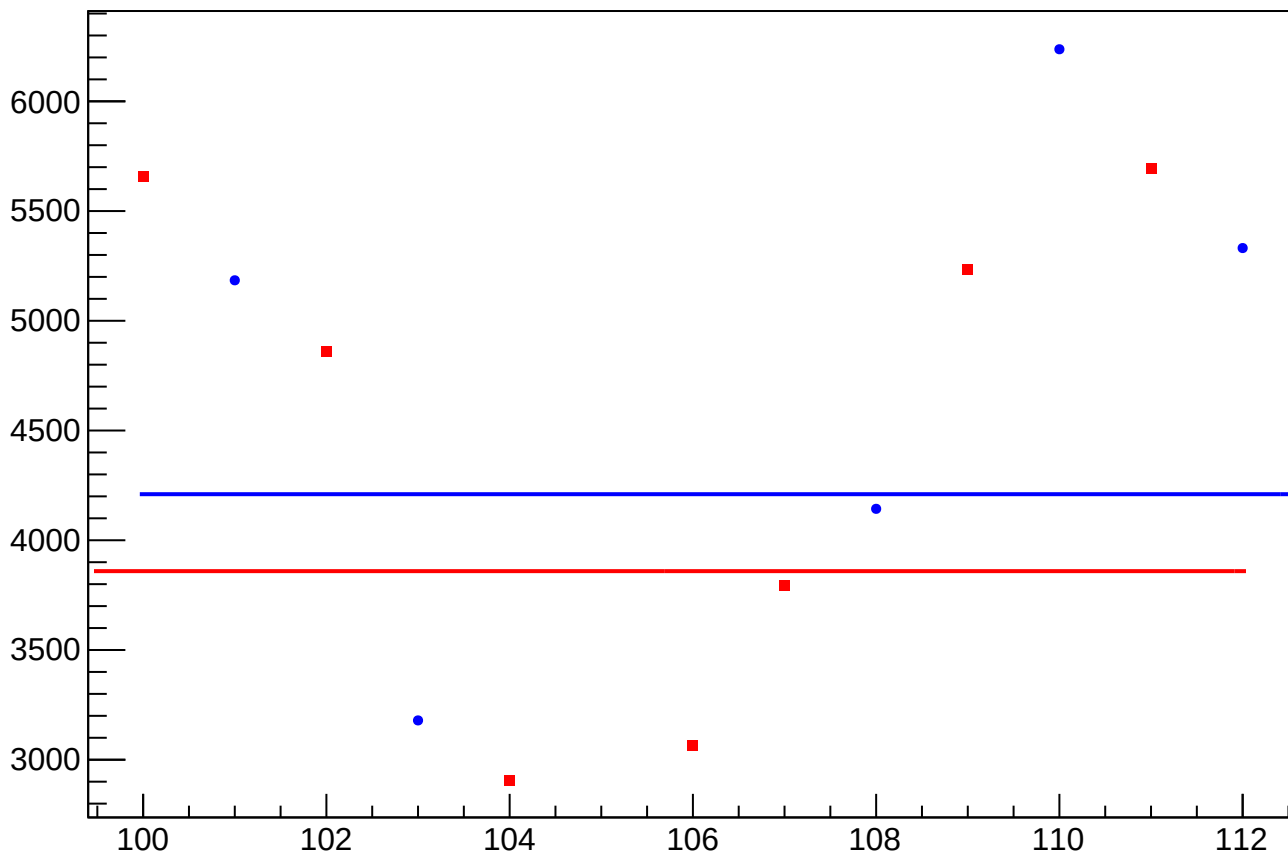
Right: -1061.689+/-1828.593 χ^2/NDF : 8.7/11

In: -3807.099+/-2729.857 χ^2/NDF : 2.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1061.689+/-1828.593 χ^2/NDF : 8.7/11

asym_usr_atr2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4209.897+/-1.930 χ^2/NDF : 296880.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3859.295+/-1.741 χ^2/NDF : 374849.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

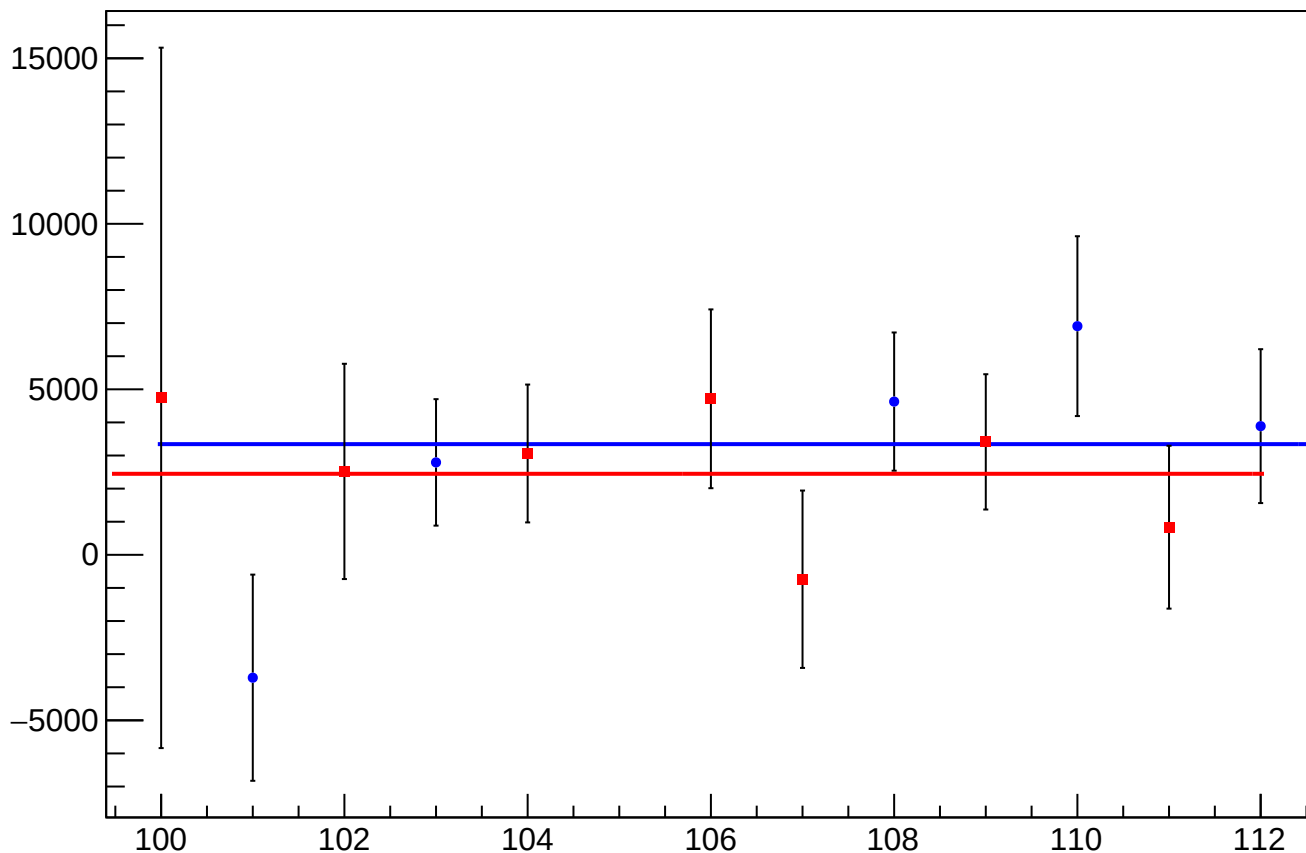
Right: 4016.610+/-1.293 χ^2/NDF : 689917.3/11

In: 4209.897+/-1.930 χ^2/NDF : 296880.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4016.610+/-1.293 χ^2/NDF : 689917.3/11

dit_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3343.873+/-1038.594 χ^2/NDF : 7.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2447.782+/-992.484 χ^2/NDF : 2.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

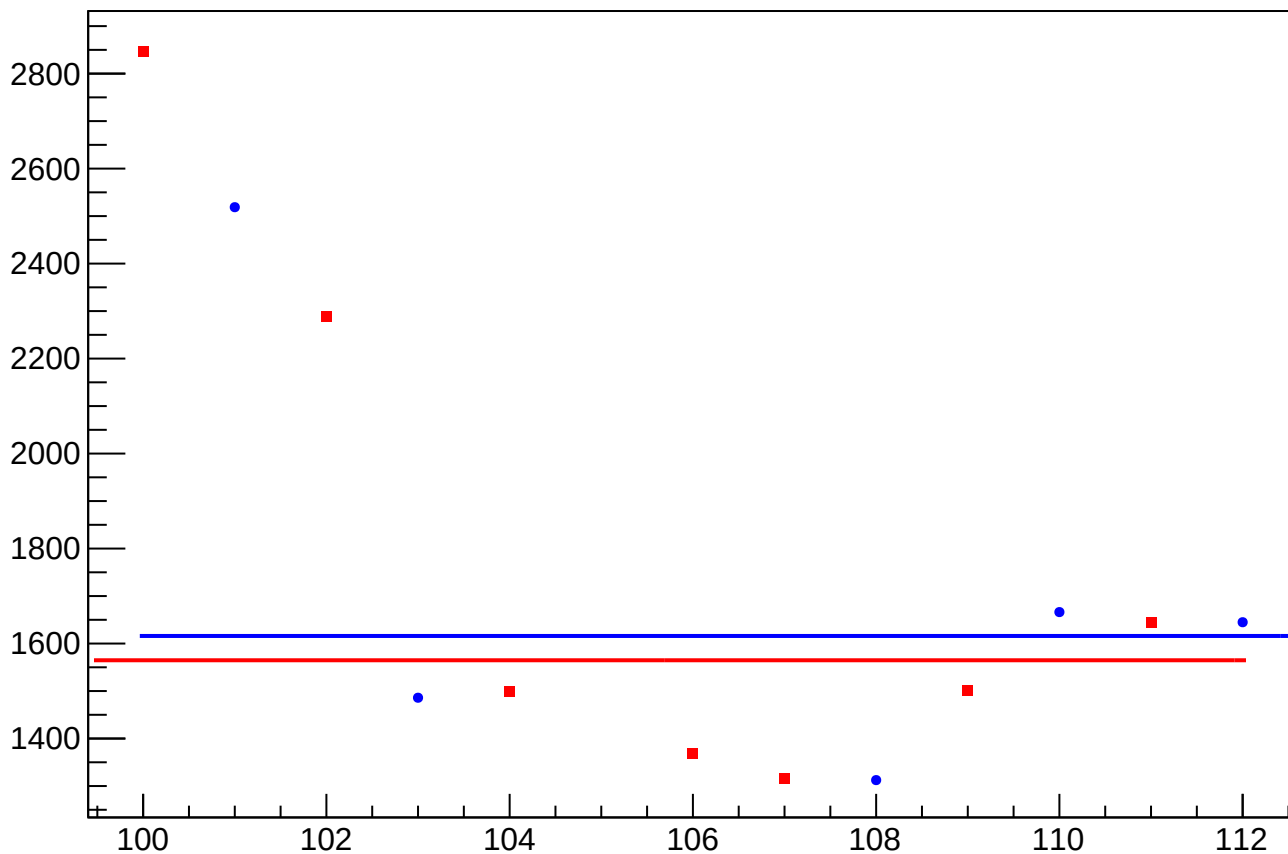
Right: 2875.495+/-717.539 χ^2/NDF : 10.7/11

In: 3343.873+/-1038.594 χ^2/NDF : 7.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2875.495+/-717.539 χ^2/NDF : 10.7/11

dit_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1615.974+/-0.734 χ^2/NDF : 220565.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1564.802+/-0.700 χ^2/NDF : 162517.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

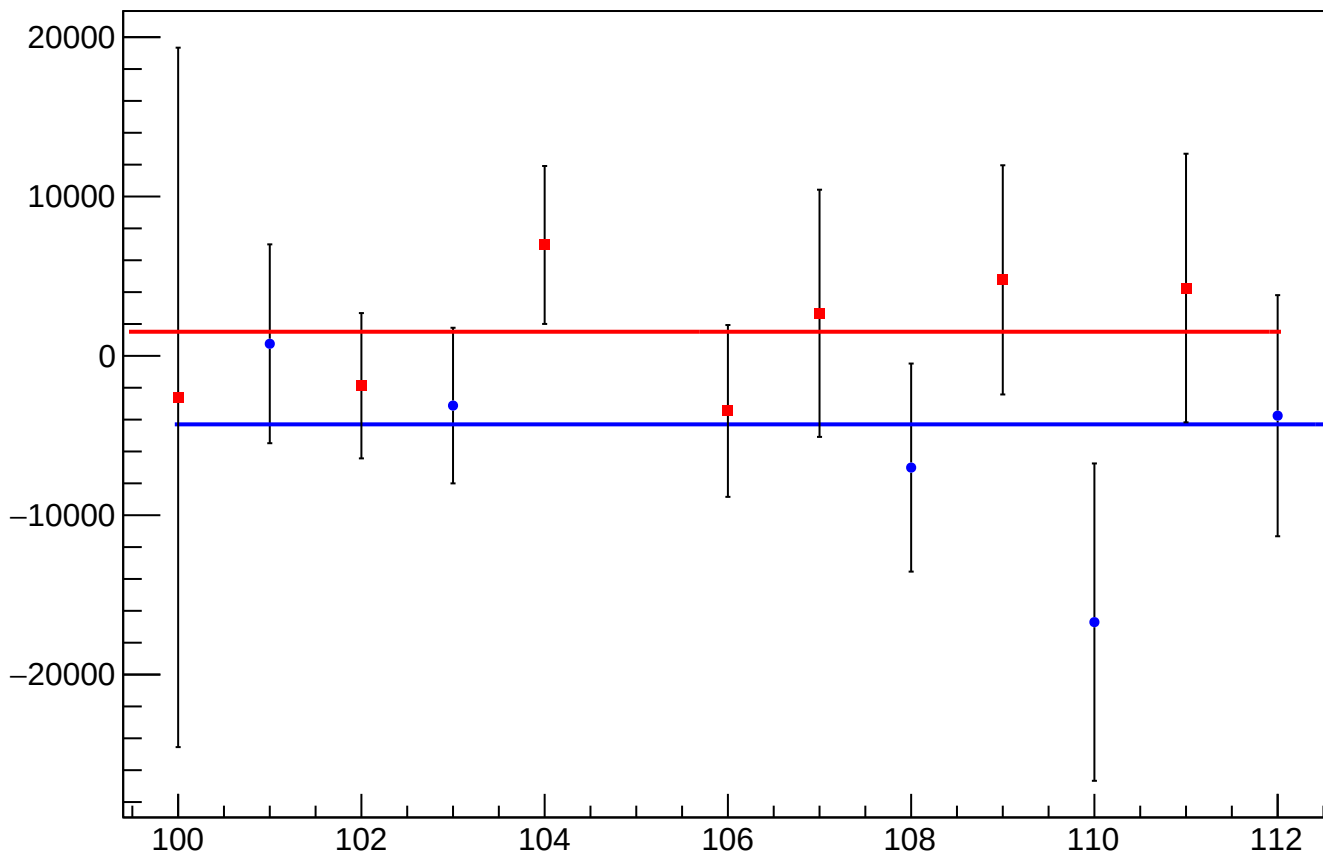
Right: 1589.167+/-0.507 χ^2/NDF : 385626.6/11

In: 1615.974+/-0.734 χ^2/NDF : 220565.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1589.167+/-0.507 χ^2/NDF : 385626.6/11

asym_usr_atr2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -4298.102+/-2903.214 χ^2/NDF : 2.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1514.134+/-2388.204 χ^2/NDF : 3.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

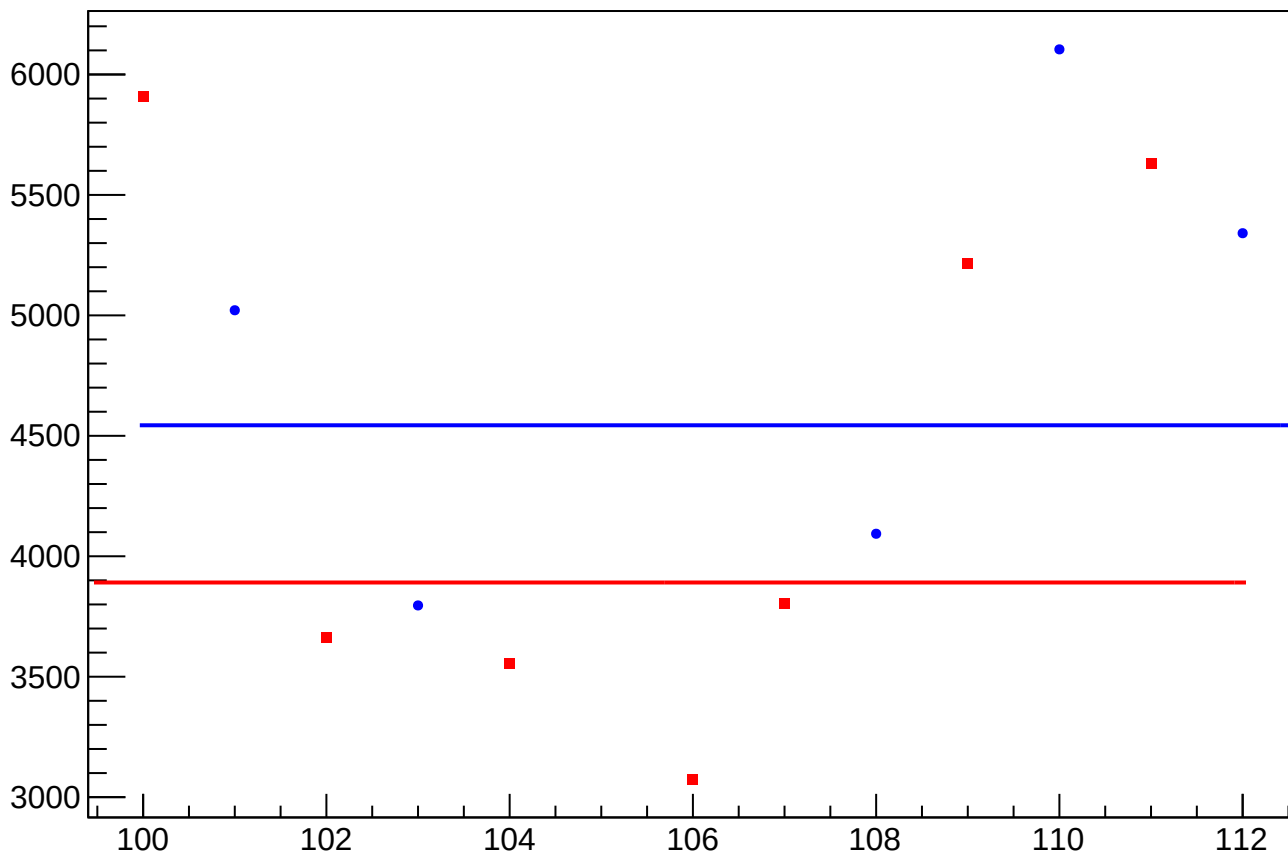
Right: -831.592+/-1844.362 χ^2/NDF : 7.8/11

In: -4298.102+/-2903.214 χ^2/NDF : 2.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -831.592+/-1844.362 χ^2/NDF : 7.8/11

asym_usr_atr2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4543.762+/-2.053 χ^2/NDF : 139474.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3891.104+/-1.689 χ^2/NDF : 230270.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

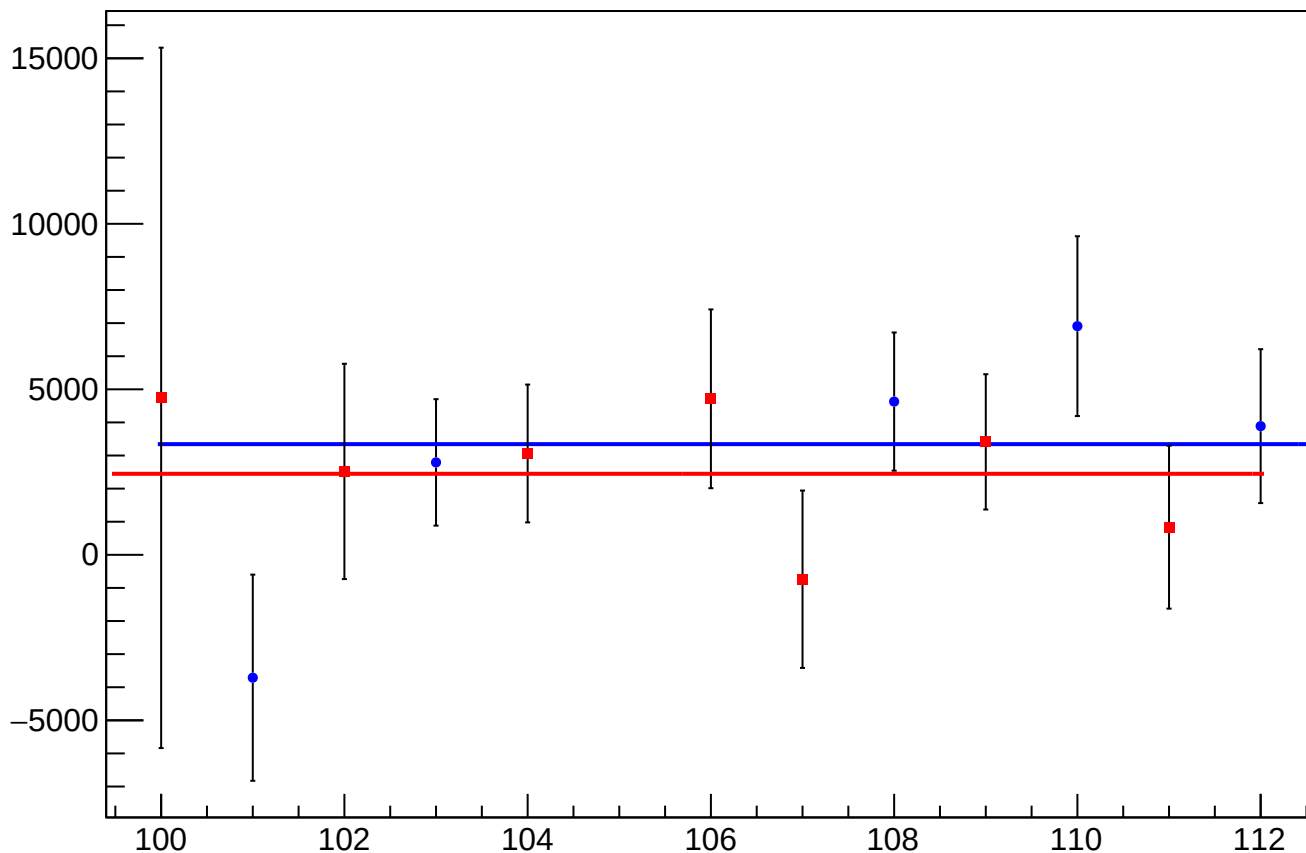
Right: 4154.507+/-1.304 χ^2/NDF : 430027.5/11

In: 4543.762+/-2.053 χ^2/NDF : 139474.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4154.507+/-1.304 χ^2/NDF : 430027.5/11

eigen_dit_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3343.875+/-1038.593 χ^2/NDF : 7.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2447.778+/-992.483 χ^2/NDF : 2.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

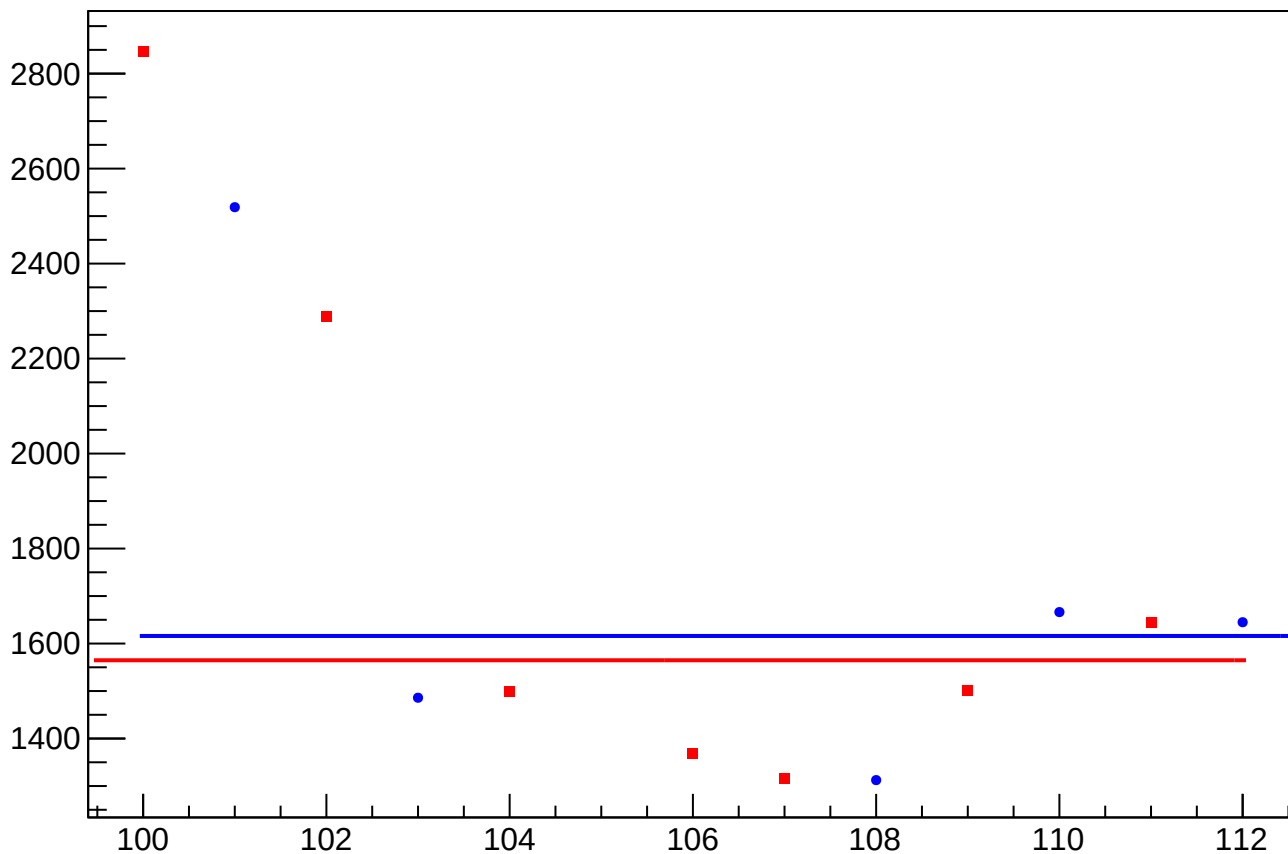
Right: 2875.494+/-717.539 χ^2/NDF : 10.7/11

In: 3343.875+/-1038.593 χ^2/NDF : 7.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2875.494+/-717.539 χ^2/NDF : 10.7/11

eigen_dit_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1615.973+/-0.734 χ^2/NDF : 220565.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1564.801+/-0.700 χ^2/NDF : 162517.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

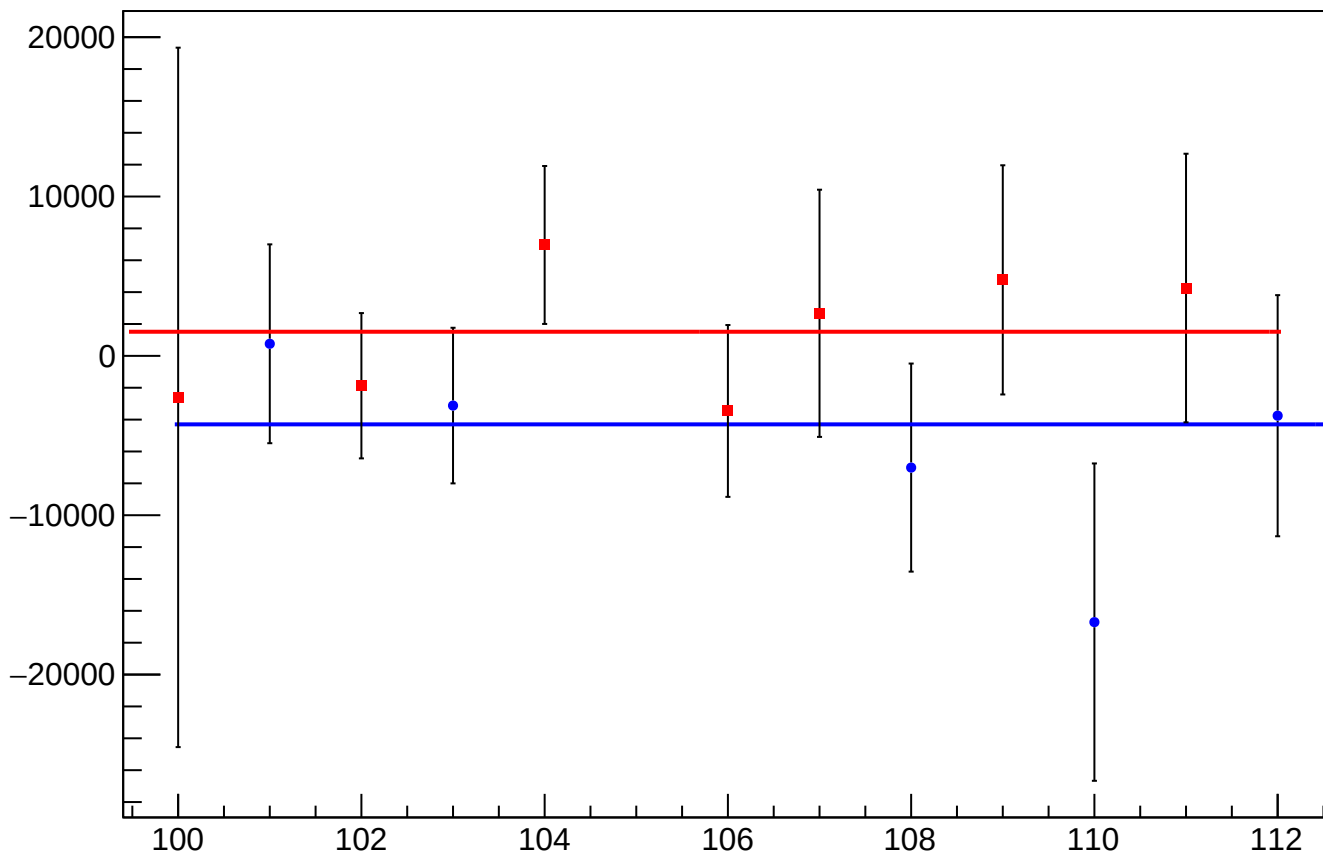
Right: 1589.167+/-0.507 χ^2/NDF : 385626.6/11

In: 1615.973+/-0.734 χ^2/NDF : 220565.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1589.167+/-0.507 χ^2/NDF : 385626.6/11

asym_usr_atr2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -4298.105+/-2903.211 χ^2/NDF : 2.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1514.132+/-2388.201 χ^2/NDF : 3.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

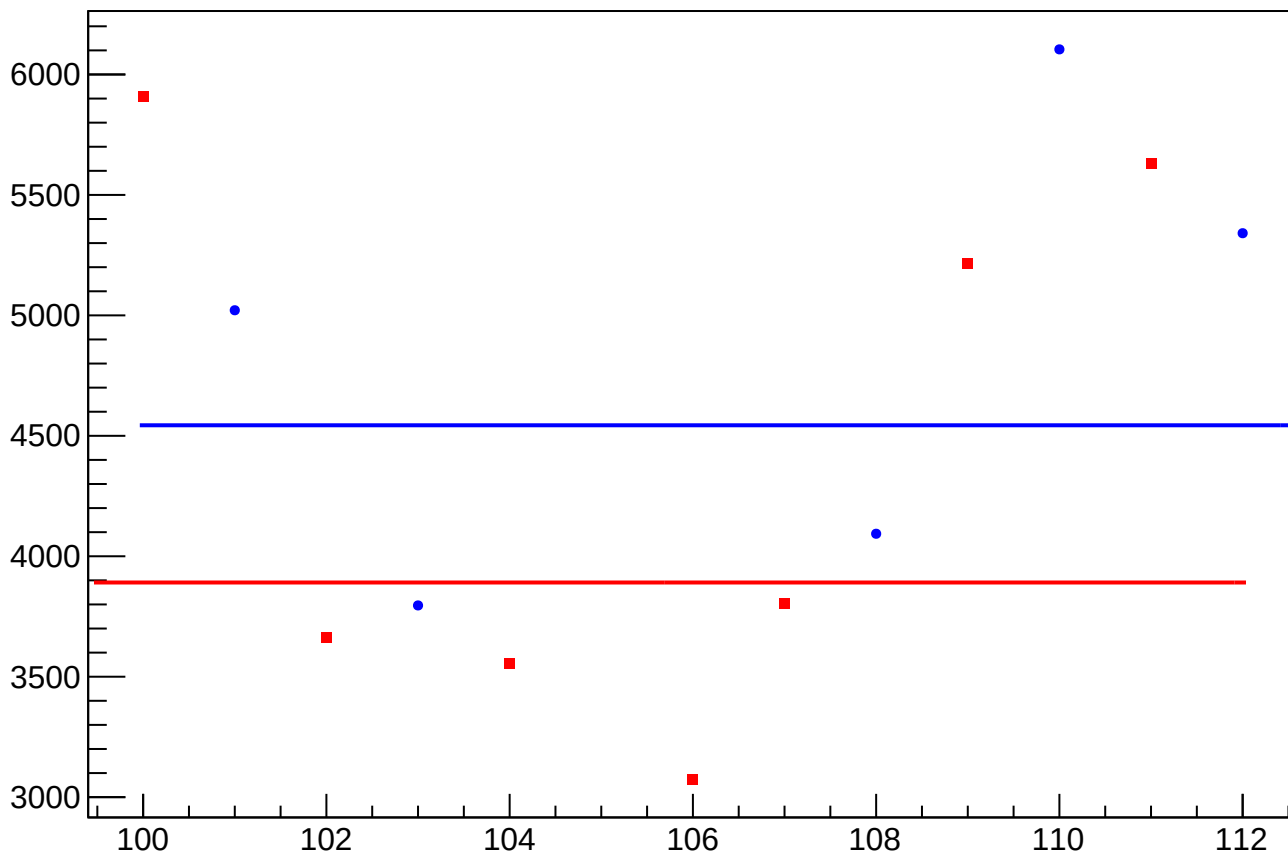
Right: -831.594+/-1844.359 χ^2/NDF : 7.8/11

In: -4298.105+/-2903.211 χ^2/NDF : 2.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -831.594+/-1844.359 χ^2/NDF : 7.8/11

asym_usr_atr2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4543.759+/-2.053 χ^2/NDF : 139472.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3891.100+/-1.689 χ^2/NDF : 230270.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

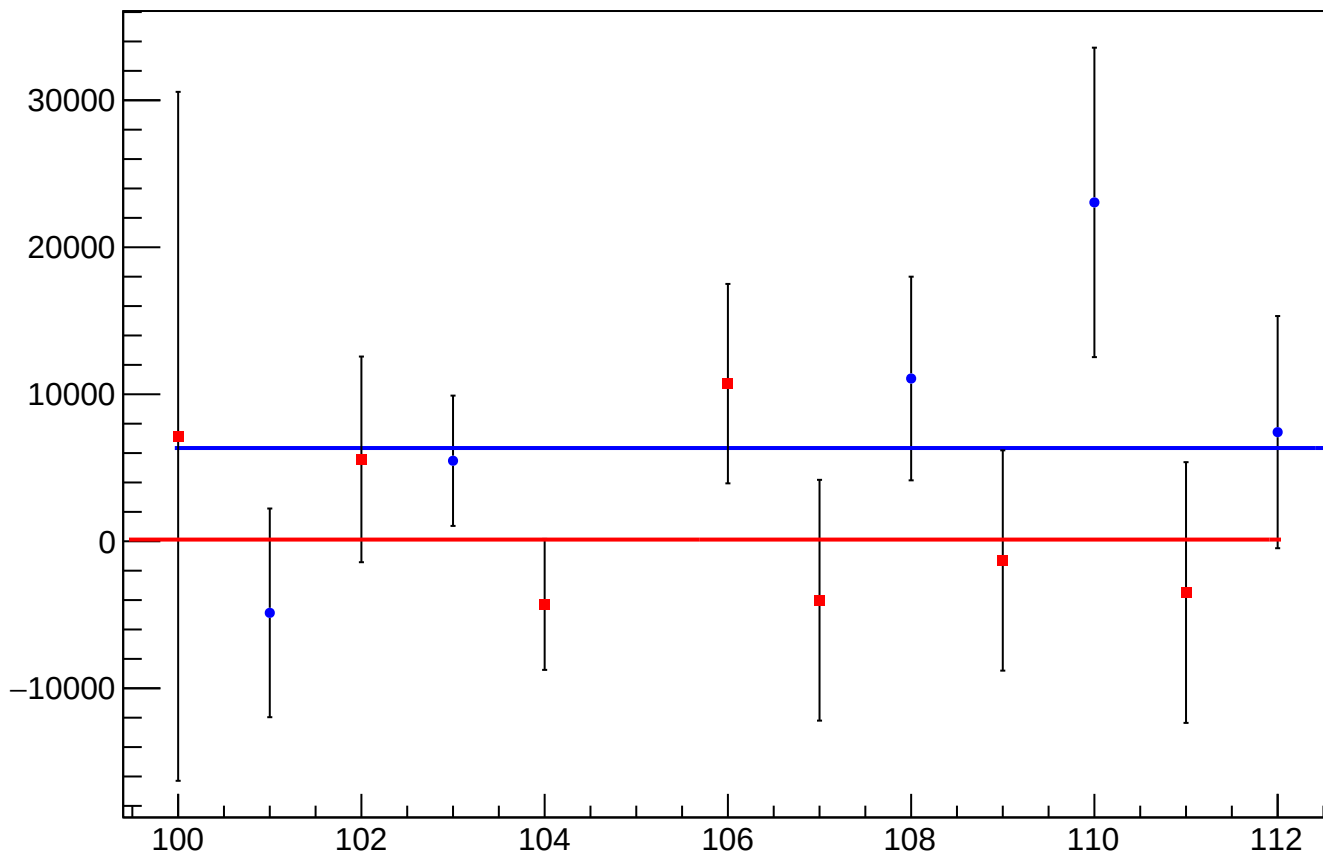
Right: 4154.503+/-1.304 χ^2/NDF : 430025.8/11

In: 4543.759+/-2.053 χ^2/NDF : 139472.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4154.503+/-1.304 χ^2/NDF : 430025.8/11

asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 6343.813+/-2927.697 χ^2/NDF : 5.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.713+/-2674.367 χ^2/NDF : 4.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

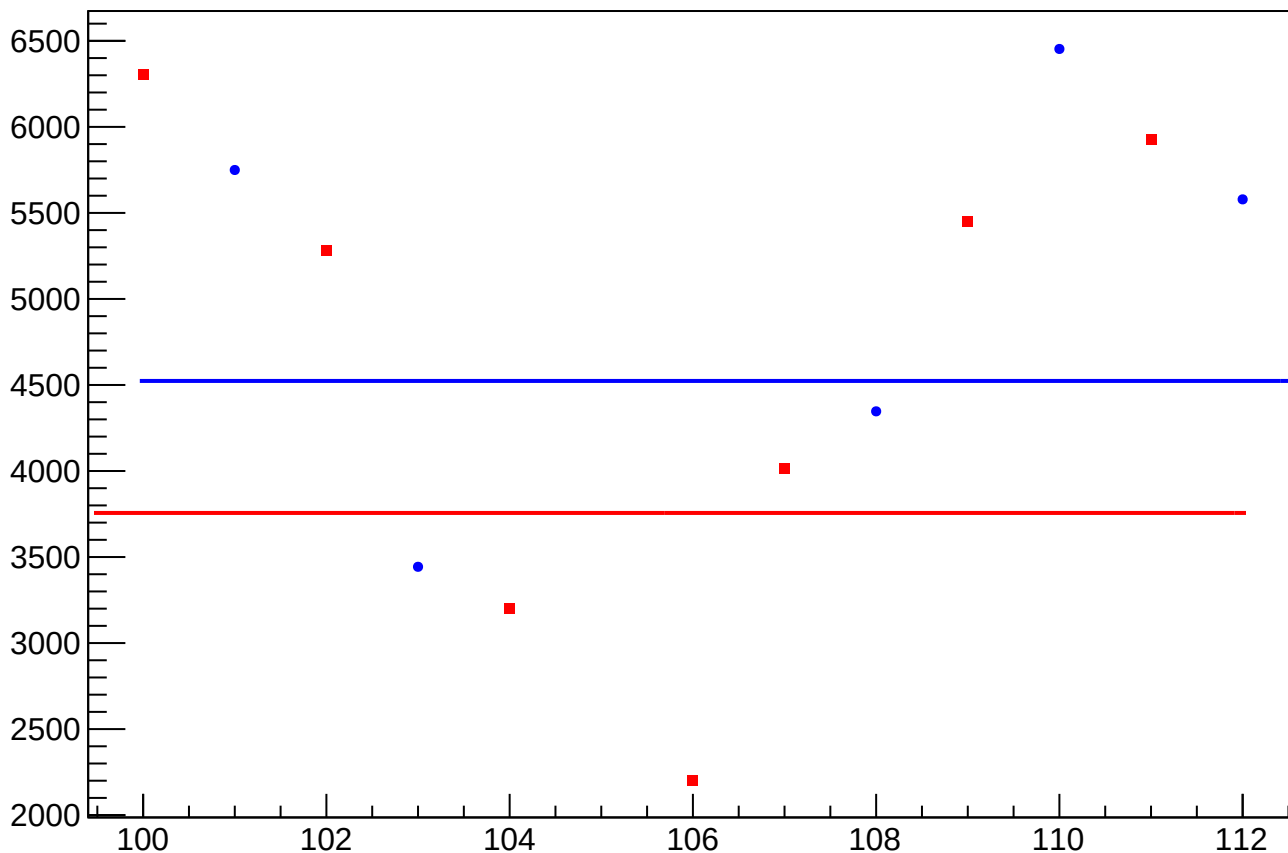
Right: 2948.698+/-1974.560 χ^2/NDF : 12.6/11

In: 6343.813+/-2927.697 χ^2/NDF : 5.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2948.698+/-1974.560 χ^2/NDF : 12.6/11

asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 4523.455+/-2.070 χ^2/NDF : 282724.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3756.224+/-1.753 χ^2/NDF : 589878.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

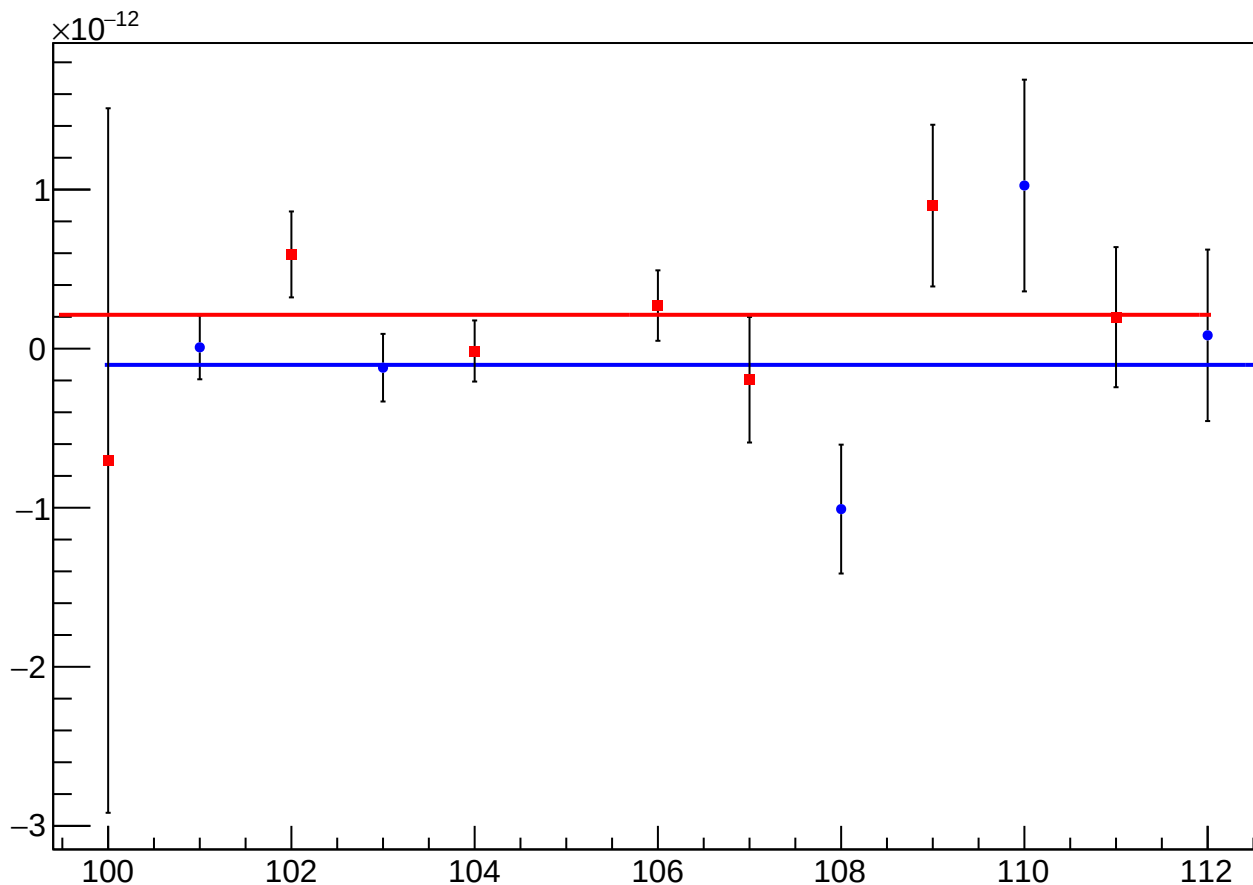
Right: 4076.585+/-1.338 χ^2/NDF : 952602.3/11

In: 4523.455+/-2.070 χ^2/NDF : 282724.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4076.585+/-1.338 χ^2/NDF : 952602.3/11

asym_usr_atr2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

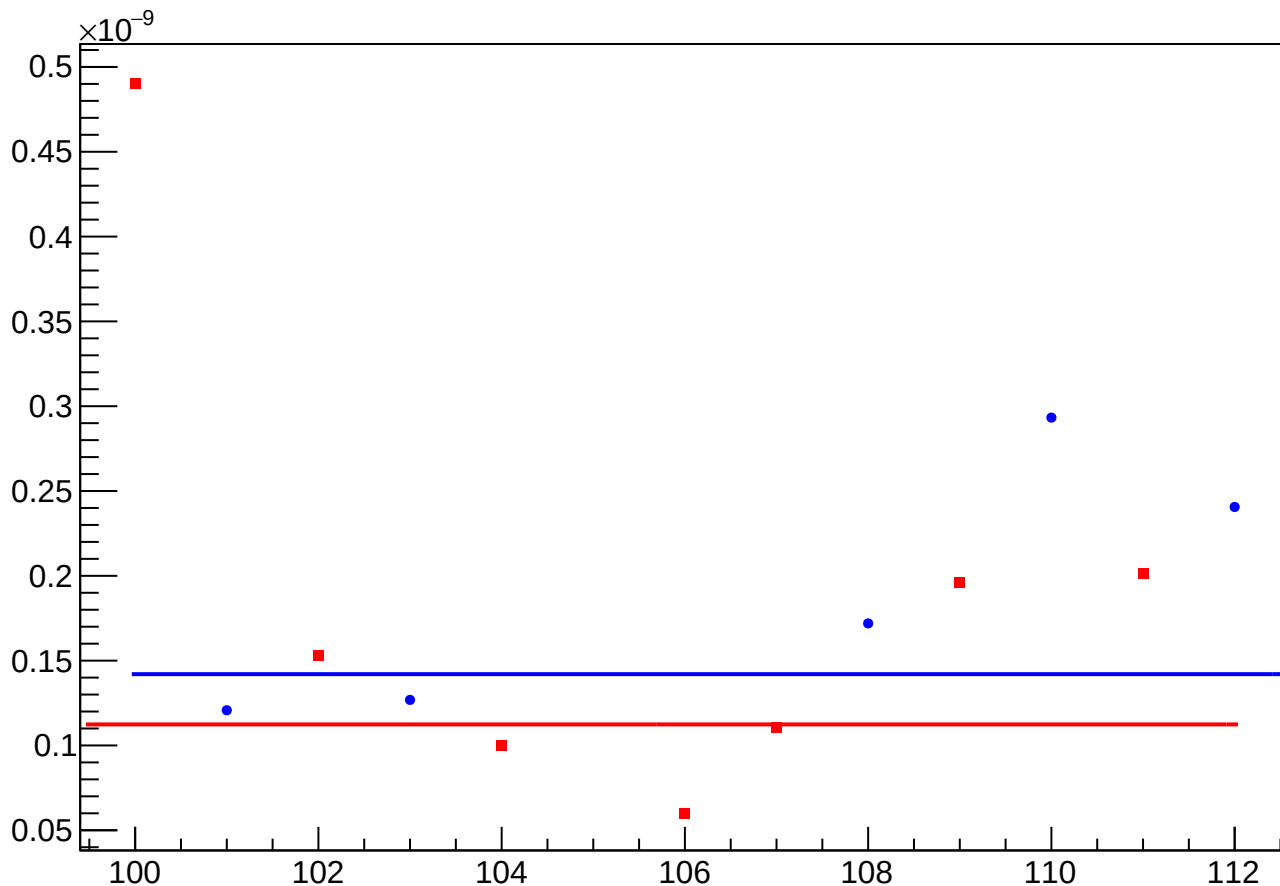
Right: 0.000+/-0.000 χ^2/NDF : 18.1/11

In: -0.000+/-0.000 χ^2/NDF : 8.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.1/11

asym_usr_atr2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 213772.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 361638.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

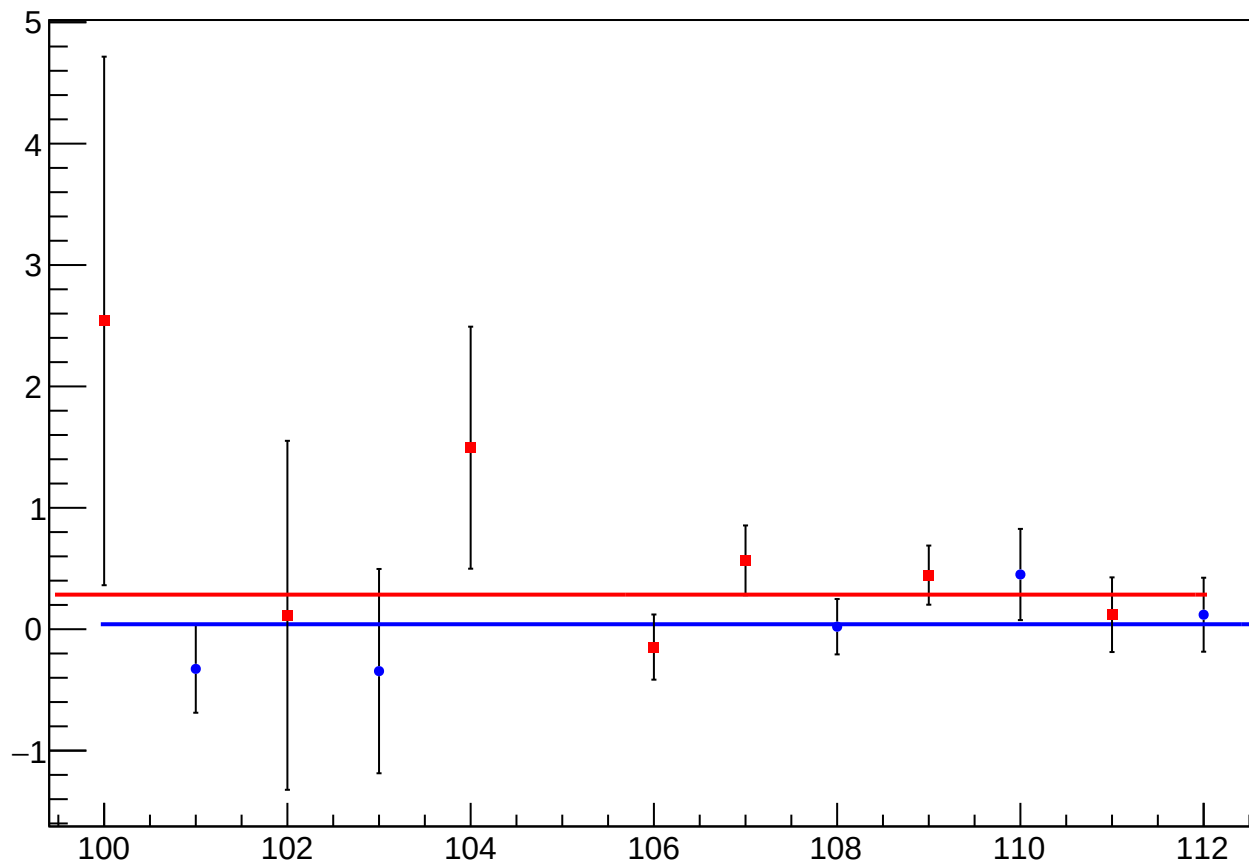
Right: 0.000+/-0.000 χ^2/NDF : 633871.5/11

In: 0.000+/-0.000 χ^2/NDF : 213772.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 633871.5/11

asym_usr_atr2_avg_dit_vs_Slug, Sign Corrected



Right In: 0.041+/-0.147 χ^2/NDF : 2.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.285+/-0.135 χ^2/NDF : 6.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

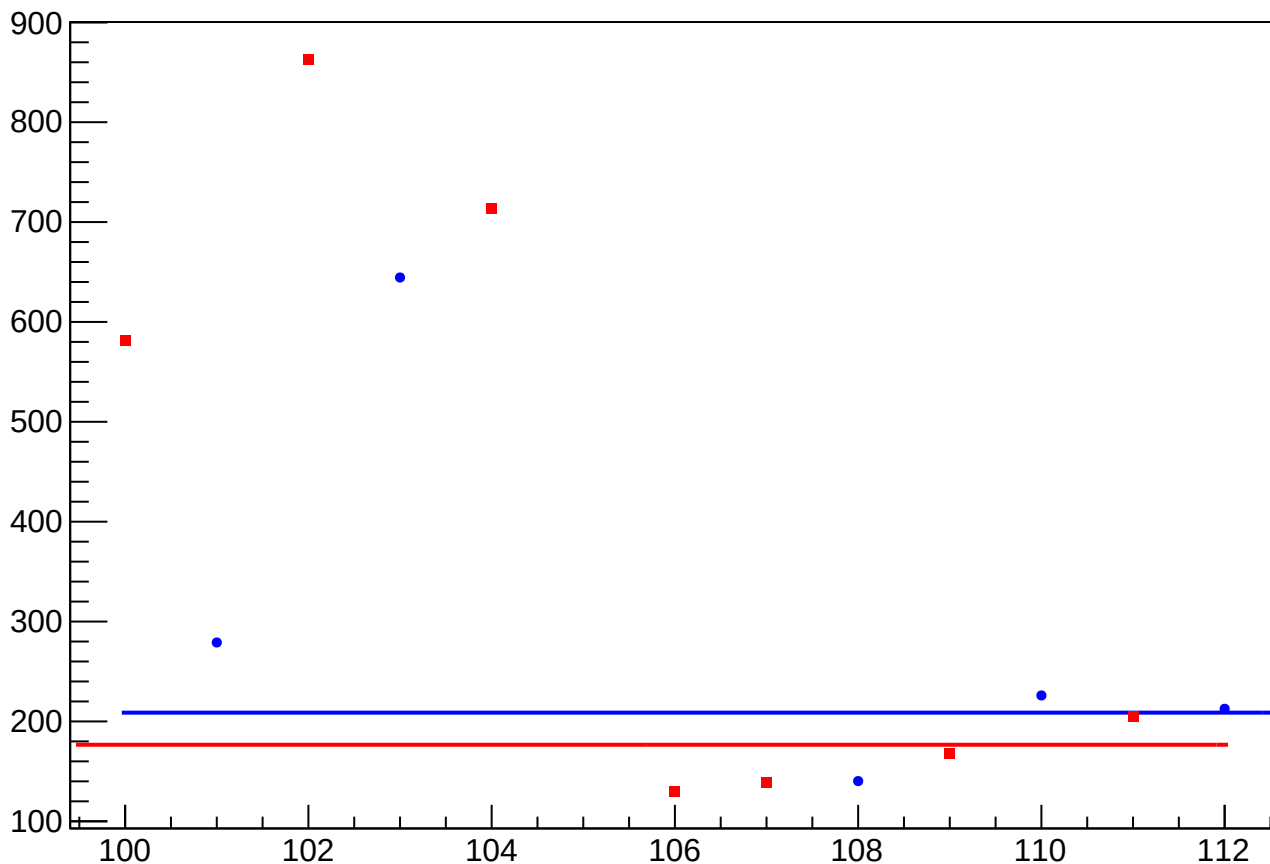
Right: 0.174+/-0.099 χ^2/NDF : 10.8/11

In: 0.041+/-0.147 χ^2/NDF : 2.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.174+/-0.099 χ^2/NDF : 10.8/11

asym_usr_atr2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 208.796+/-0.104 χ^2/NDF : 796798.9/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 176.652+/-0.095 χ^2/NDF : 1218892.5/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

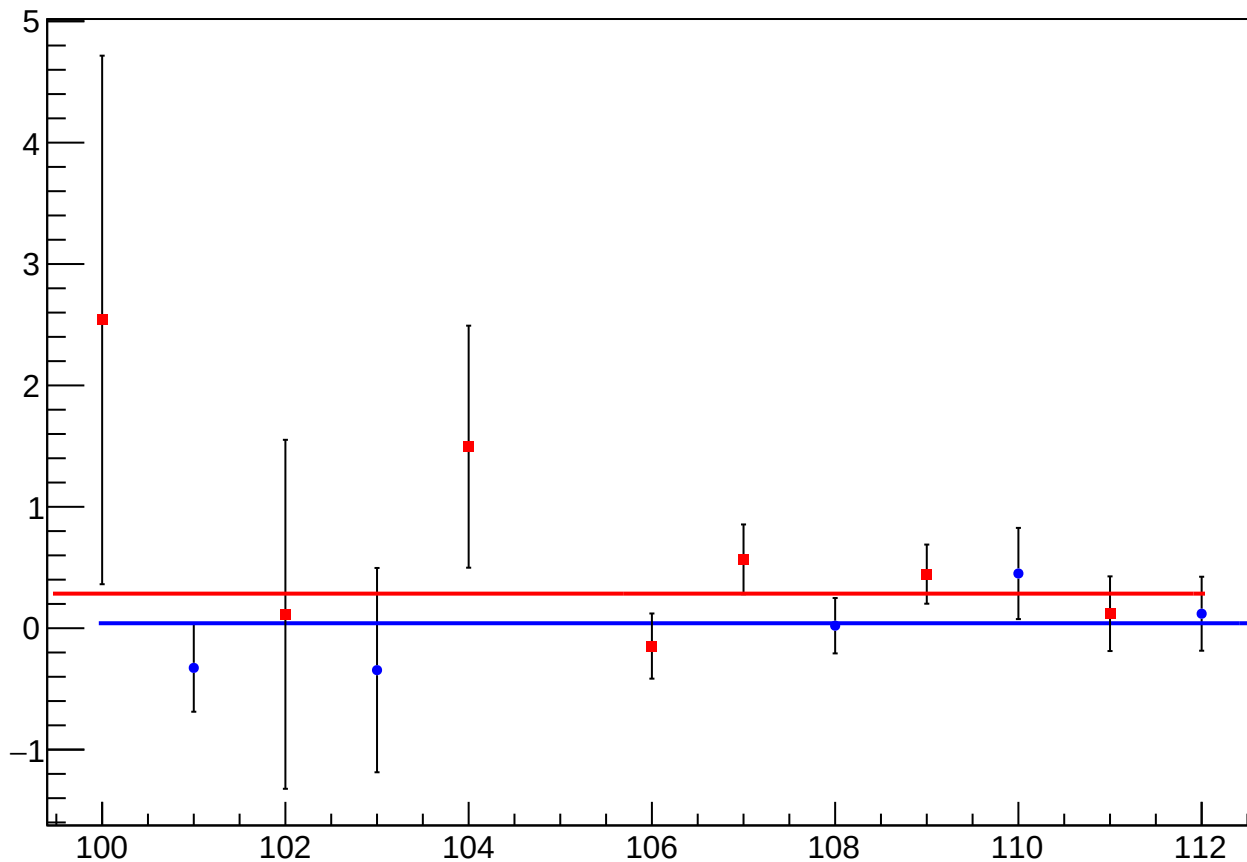
Right: 191.300+/-0.070 χ^2/NDF : 2067600.7/11

In: 208.796+/-0.104 χ^2/NDF :796798.9/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 191.300+/-0.070 χ^2/NDF : 2067600.7/11

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.041+/-0.147 χ^2/NDF : 2.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.285+/-0.135 χ^2/NDF : 6.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

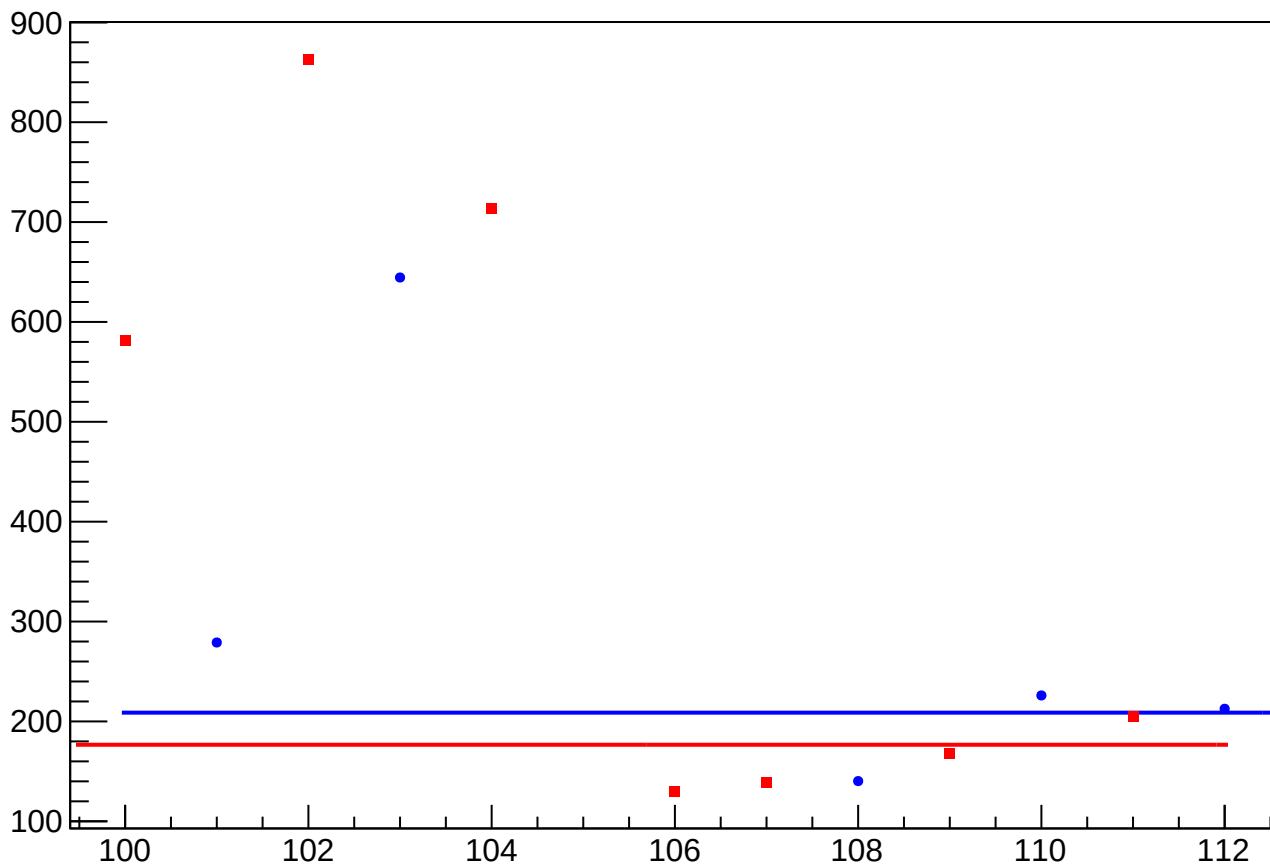
Right: 0.174+/-0.099 χ^2/NDF : 10.8/11

In: 0.041+/-0.147 χ^2/NDF : 2.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.174+/-0.099 χ^2/NDF : 10.8/11

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 208.796+/-0.104 χ^2/NDF : 796798.9/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 176.652+/-0.095 χ^2/NDF : 1218892.5/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

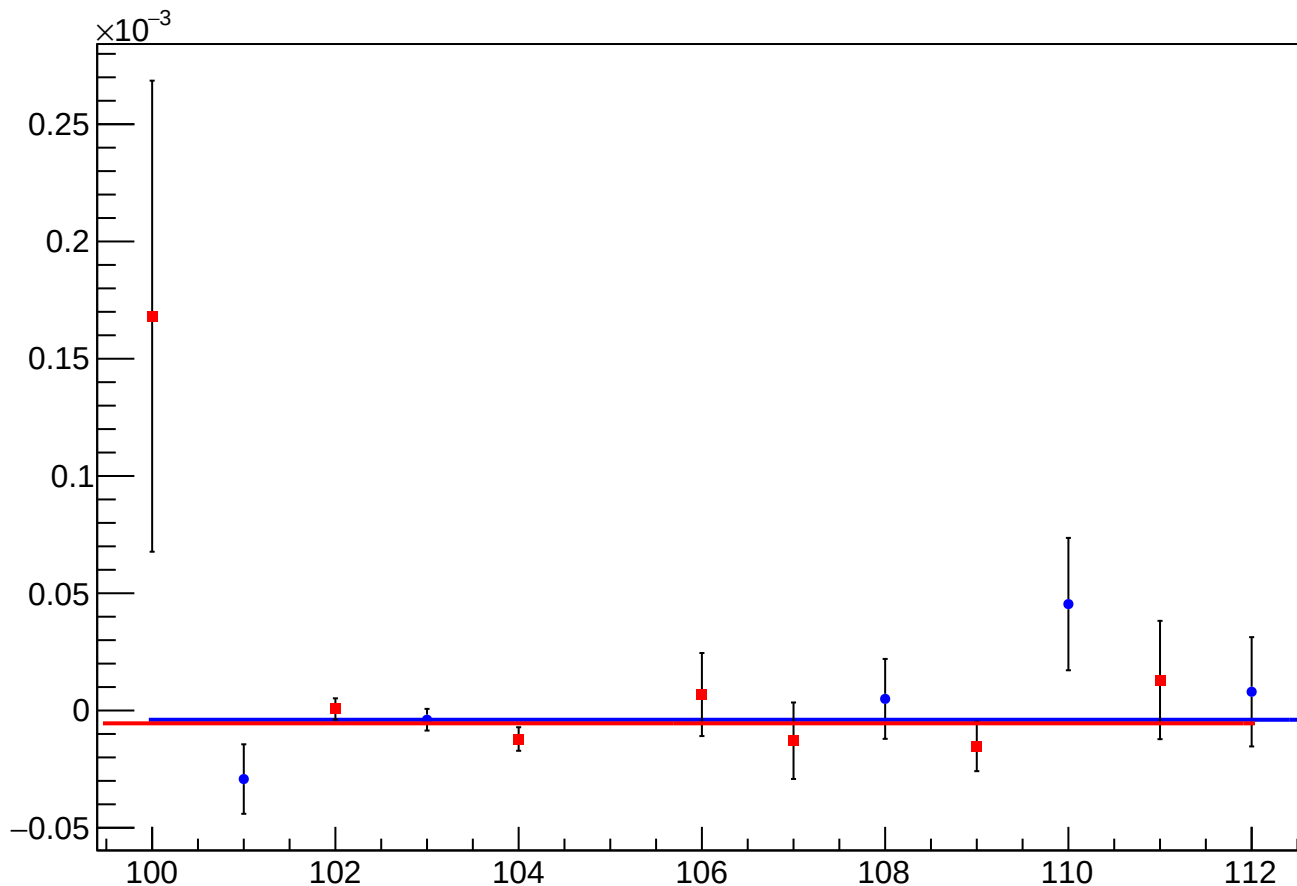
Right: 191.300+/-0.070 χ^2/NDF : 2067600.7/11

In: 208.796+/-0.104 χ^2/NDF :796798.9/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 191.300+/-0.070 χ^2/NDF : 2067600.7/11

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

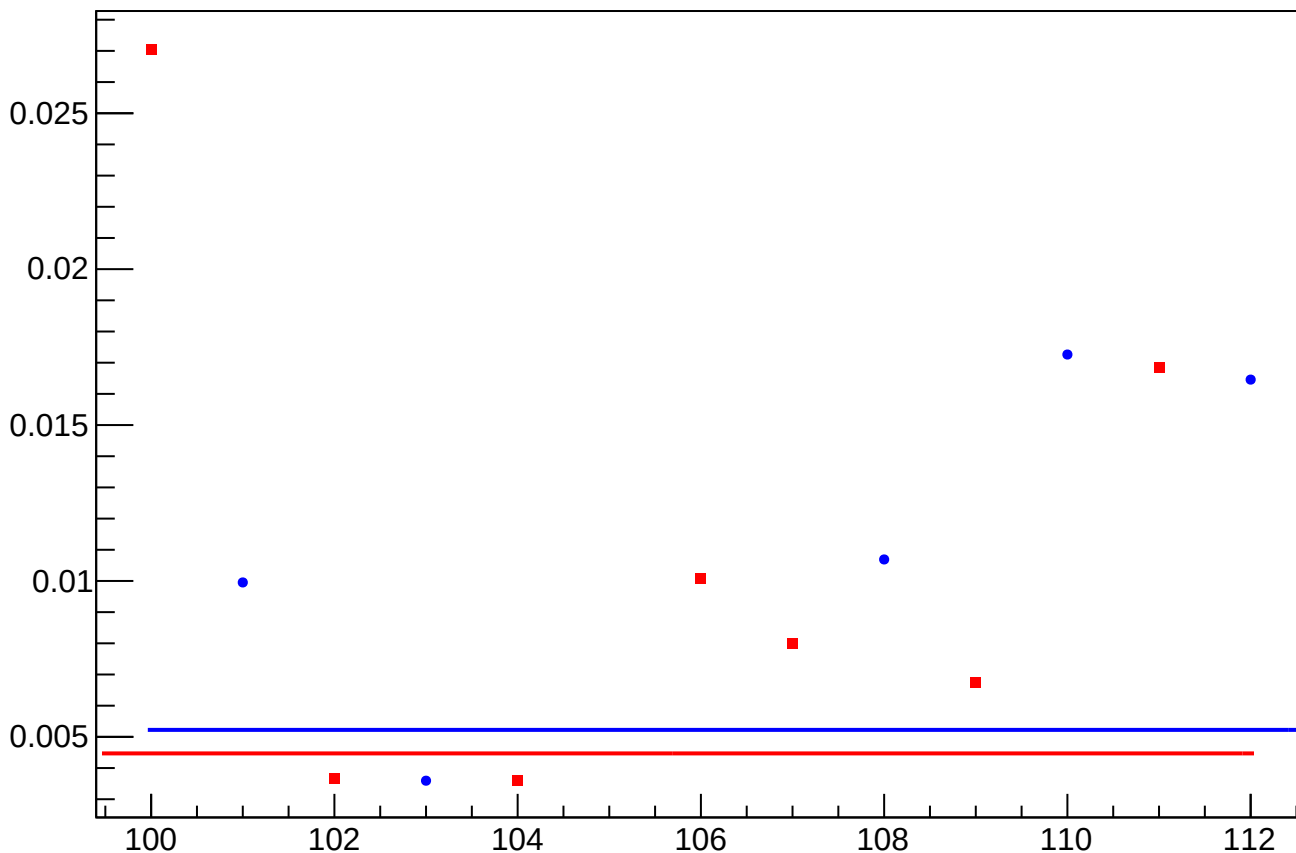
Right: -0.000+/-0.000 χ^2/NDF : 15.3/11

In: -0.000+/-0.000 χ^2/NDF : 6.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.3/11

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1486636.1/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 1088831.4/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

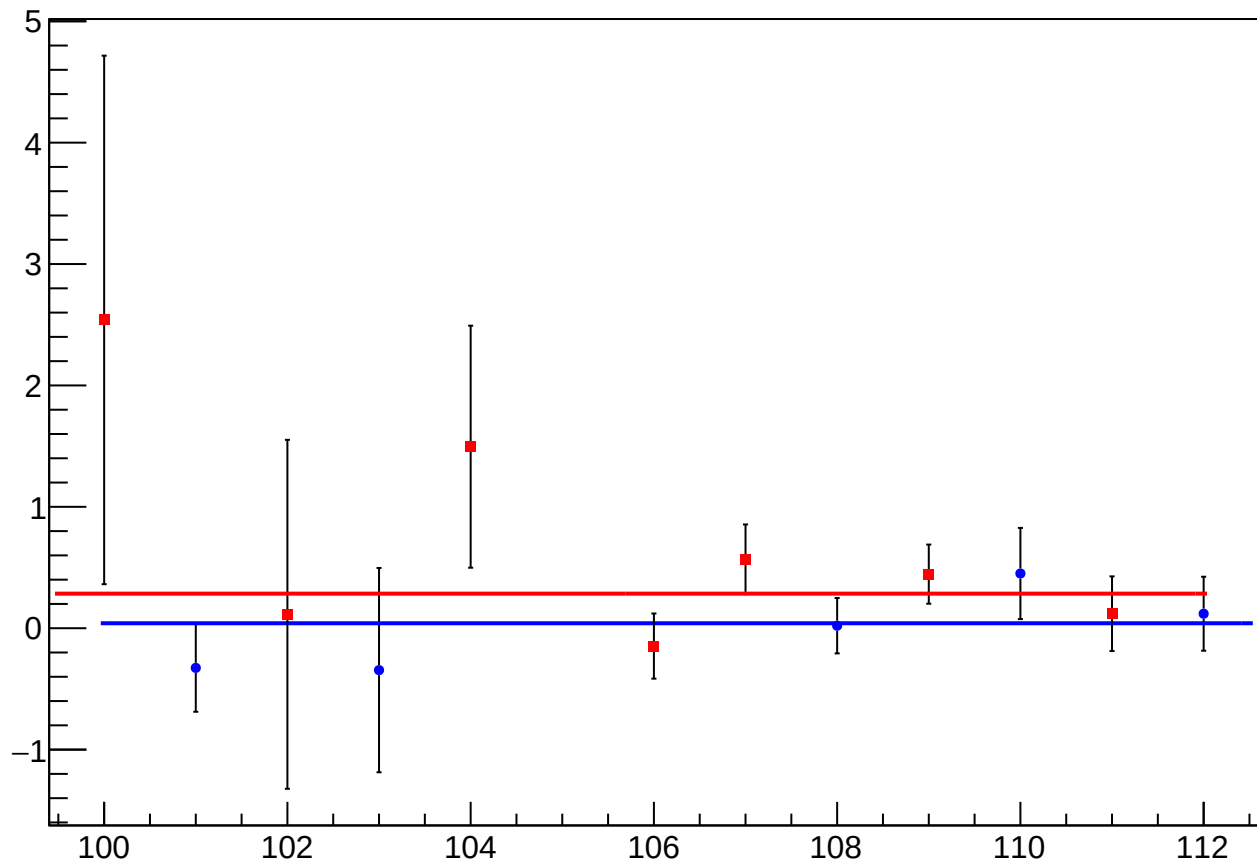
Right: 0.005+/-0.000 χ^2/NDF : 2618016.0/11

In: 0.005+/-0.000 χ^2/NDF :1486636.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2618016.0/11

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.041+/-0.147 χ^2/NDF : 2.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.285+/-0.135 χ^2/NDF : 6.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

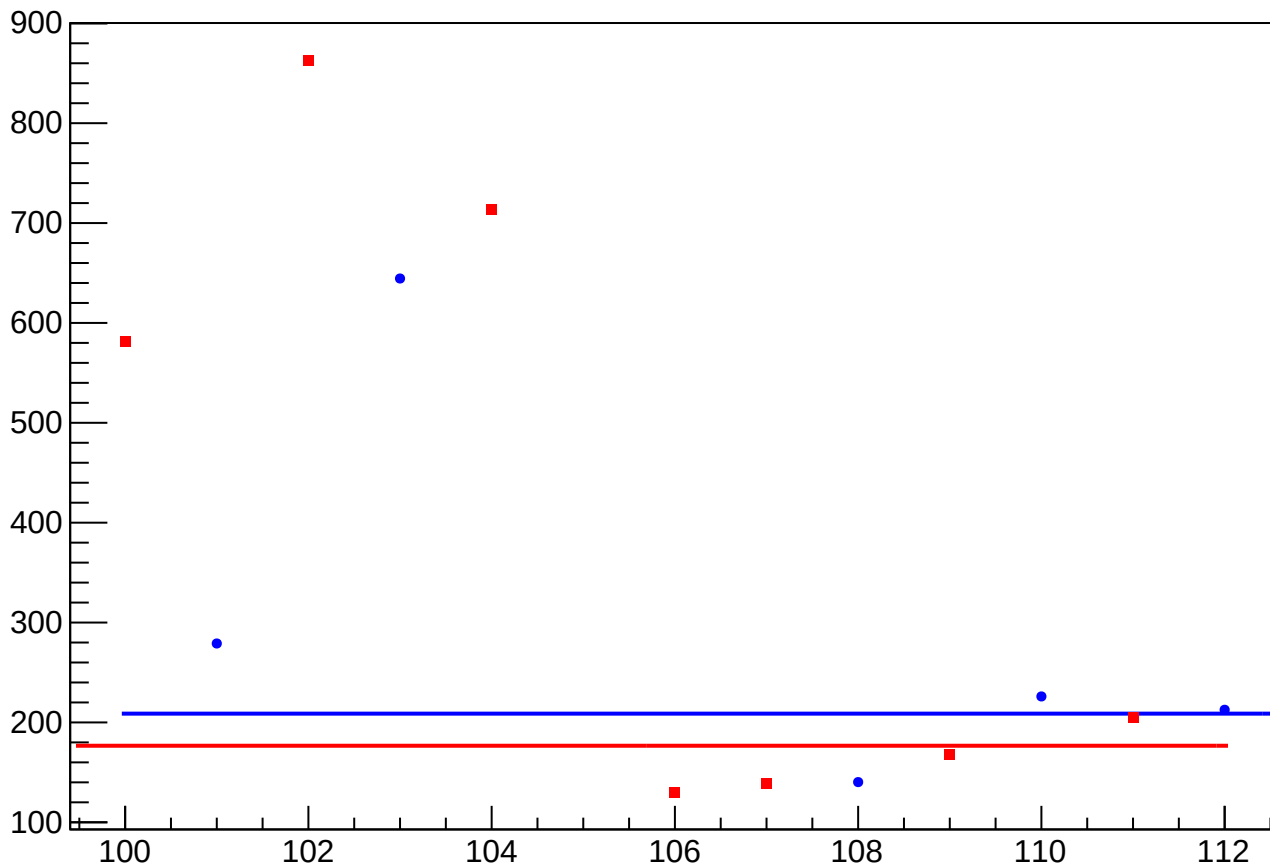
Right: 0.174+/-0.099 χ^2/NDF : 10.8/11

In: 0.041+/-0.147 χ^2/NDF : 2.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.174+/-0.099 χ^2/NDF : 10.8/11

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 208.797+/-0.104 χ^2/NDF : 796809.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.652+/-0.095 χ^2/NDF : 1218898.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

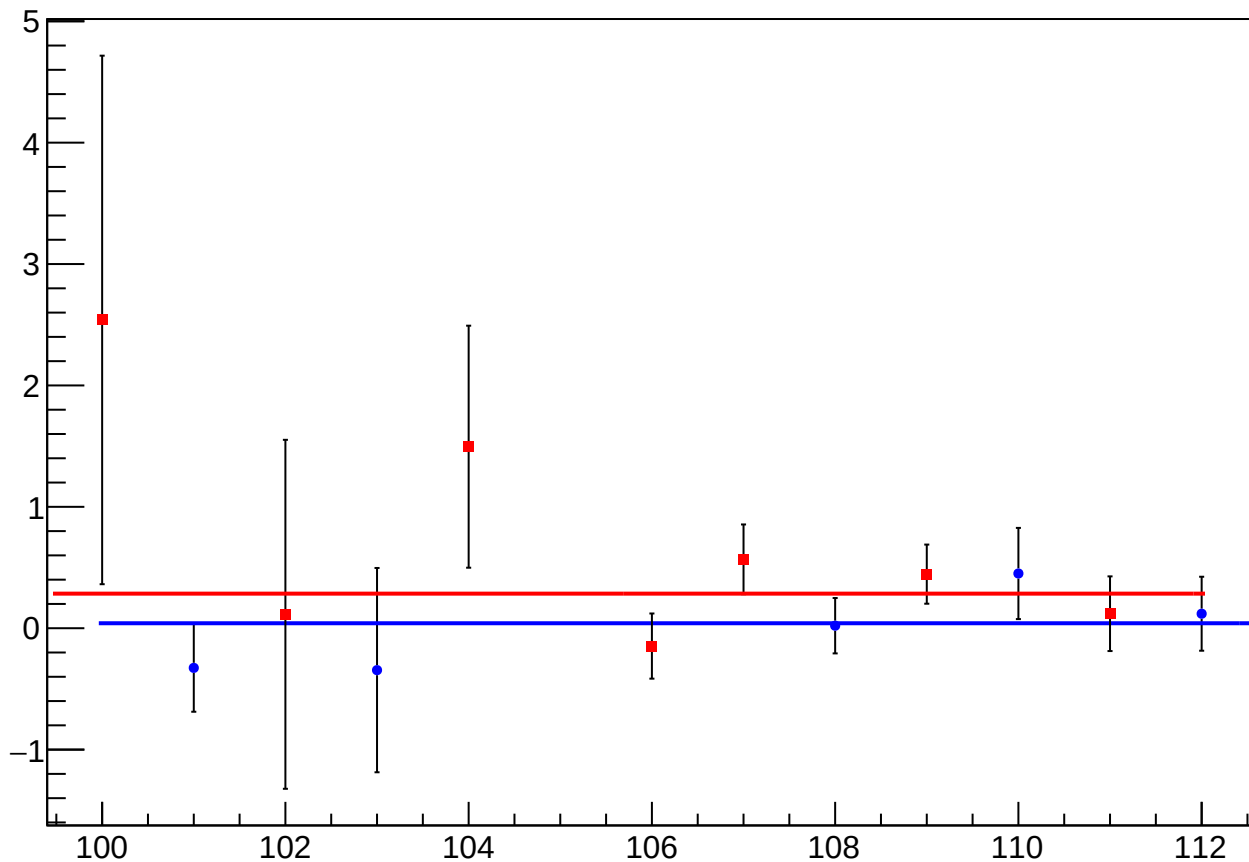
Right: 191.300+/-0.070 χ^2/NDF : 2067617.2/11

In: 208.797+/-0.104 χ^2/NDF : 796809.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.300+/-0.070 χ^2/NDF : 2067617.2/11

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.041+/-0.147 χ^2/NDF : 2.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.285+/-0.135 χ^2/NDF : 6.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

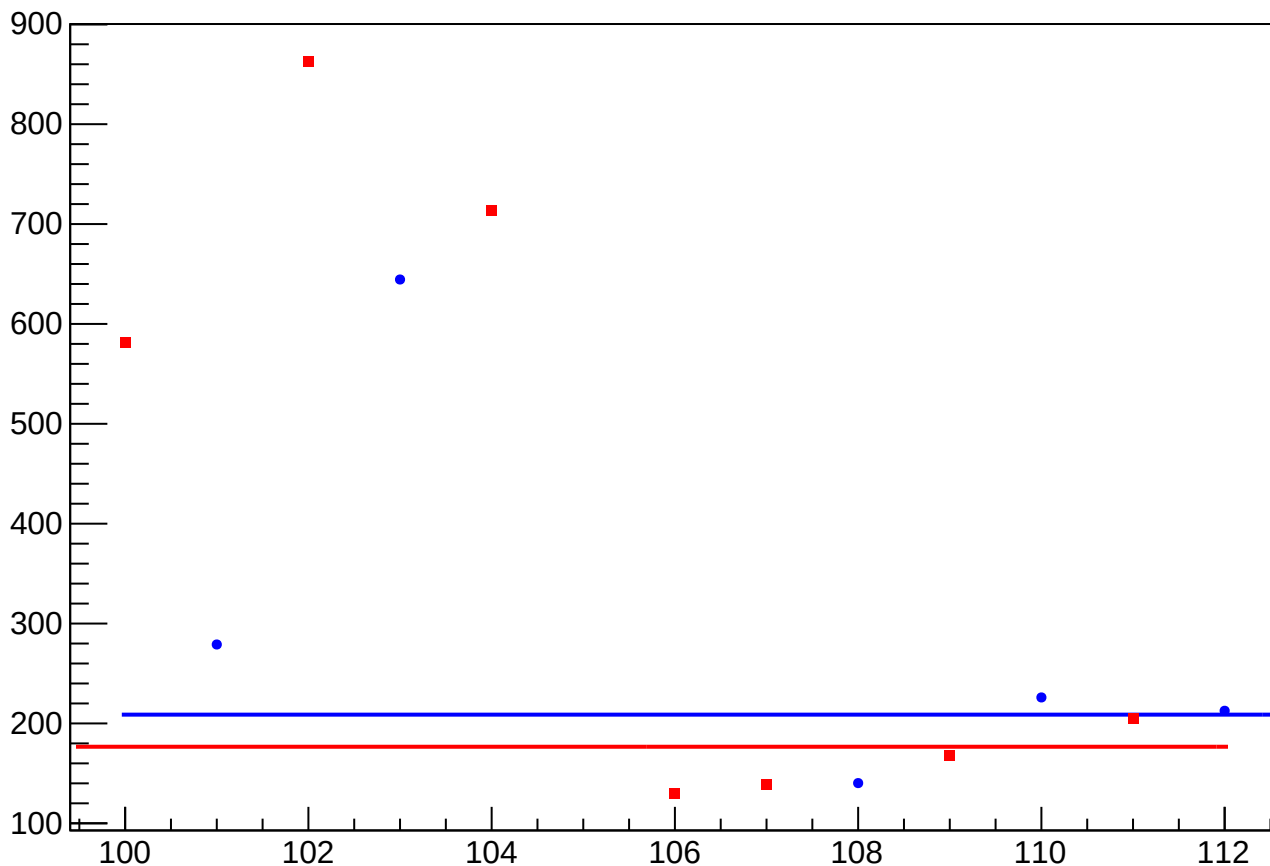
Right: 0.174+/-0.099 χ^2/NDF : 10.8/11

In: 0.041+/-0.147 χ^2/NDF : 2.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.174+/-0.099 χ^2/NDF : 10.8/11

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 208.797+/-0.104 χ^2/NDF : 796809.5/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 176.652+/-0.095 χ^2/NDF : 1218898.5/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

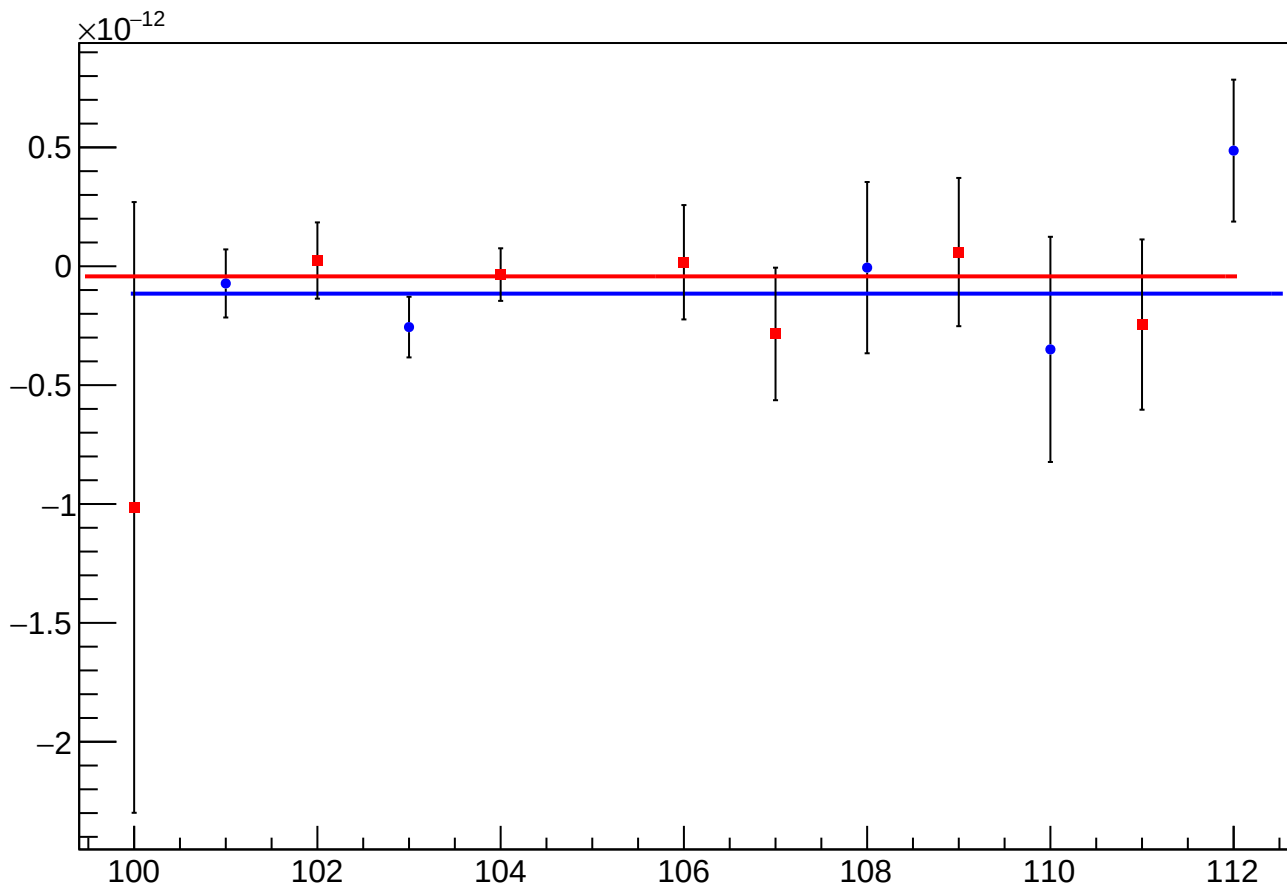
Right: 191.300+/-0.070 χ^2/NDF : 2067617.2/11

In: 208.797+/-0.104 χ^2/NDF :796809.5/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 191.300+/-0.070 χ^2/NDF : 2067617.2/11

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 5.7/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 2.0/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

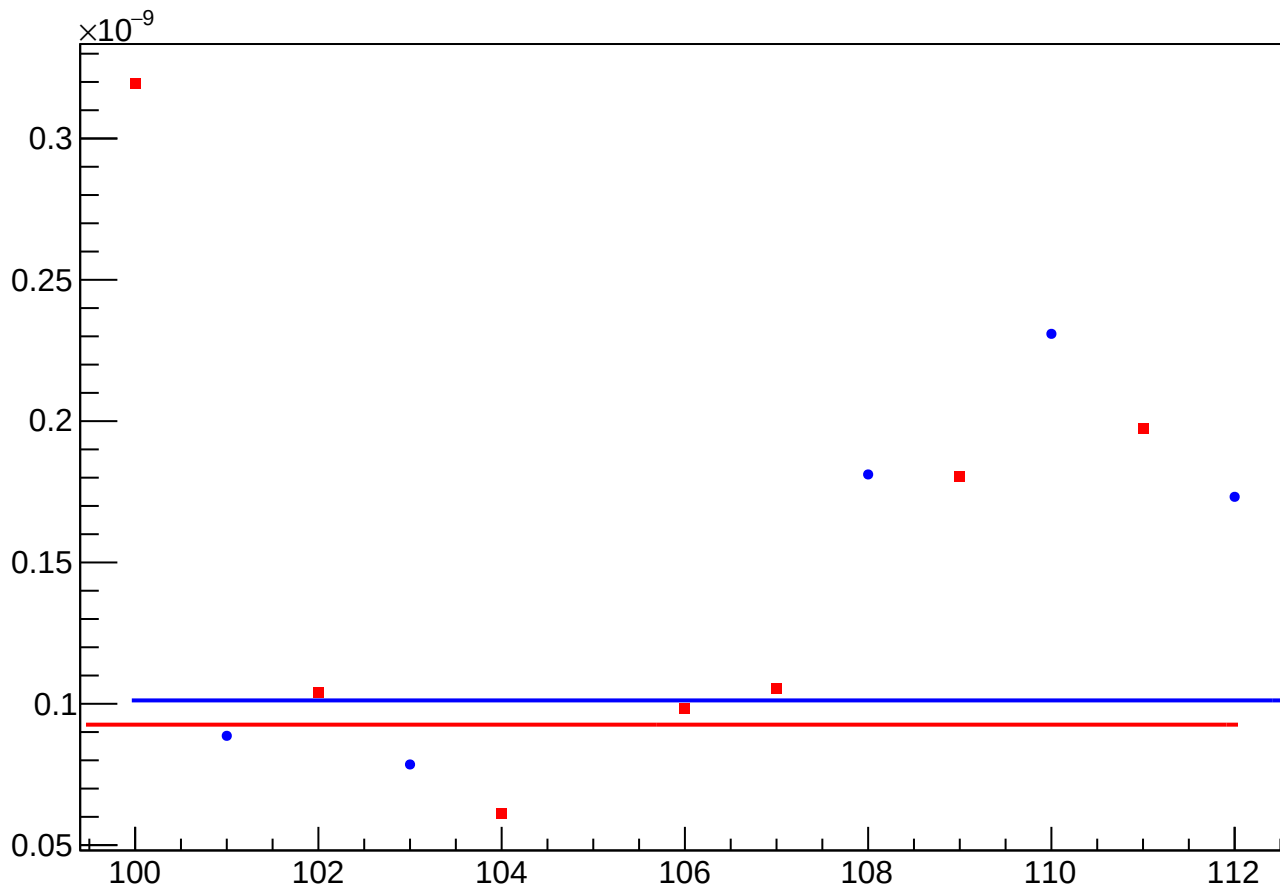
Right: -0.000 ± 0.000 χ^2/NDF : 8.1/11

In: -0.000 ± 0.000 χ^2/NDF : 5.7/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 8.1/11

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 443404.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 570014.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

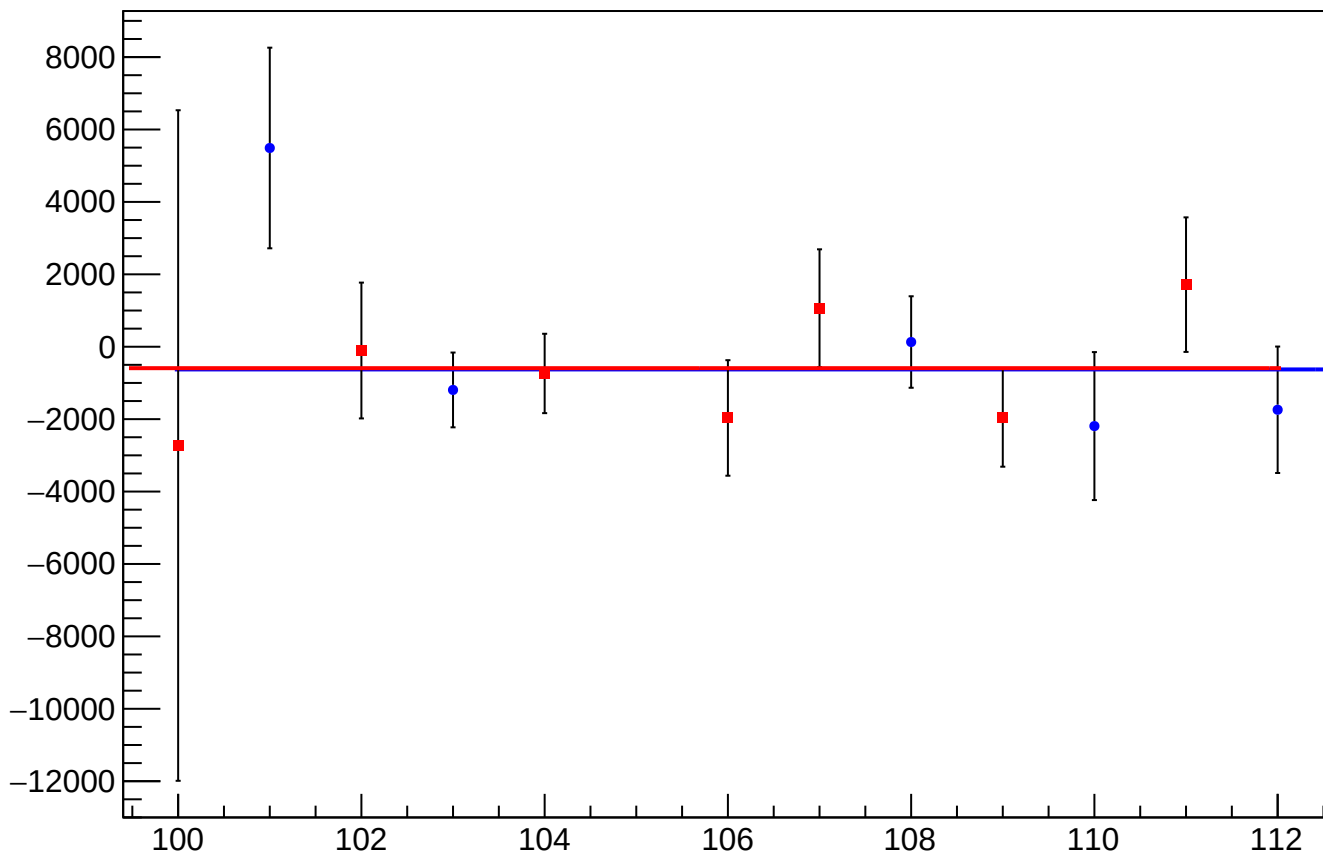
Right: 0.000+/-0.000 χ^2/NDF : 1024415.1/11

In: 0.000+/-0.000 χ^2/NDF : 443404.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1024415.1/11

reg_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -626.930+/-664.974 χ^2/NDF : 6.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -592.048+/-604.750 χ^2/NDF : 4.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

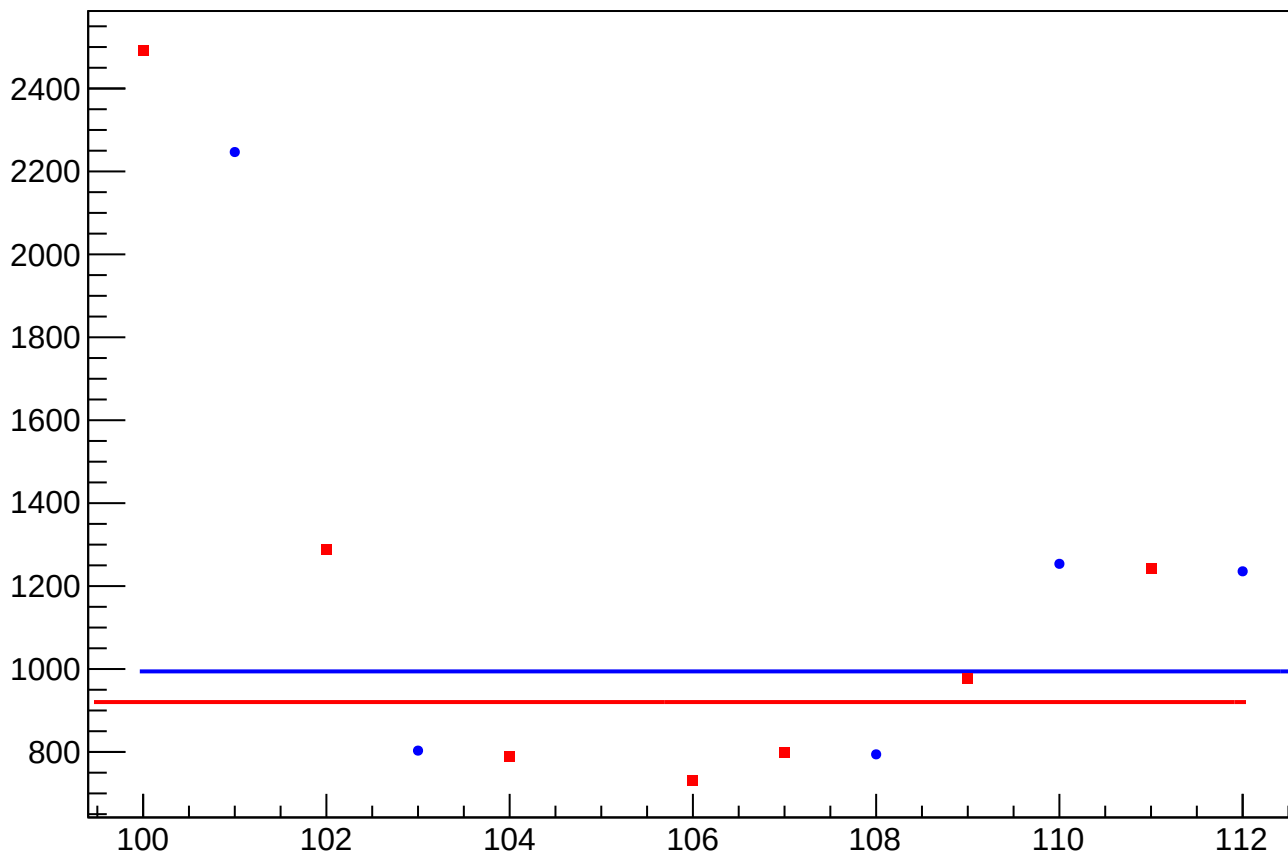
Right: -607.838+/-447.402 χ^2/NDF : 11.0/11

In: -626.930+/-664.974 χ^2/NDF : 6.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -607.838+/-447.402 χ^2/NDF : 11.0/11

reg_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 994.281+/-0.470 χ^2/NDF : 597641.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 920.322+/-0.420 χ^2/NDF : 273117.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

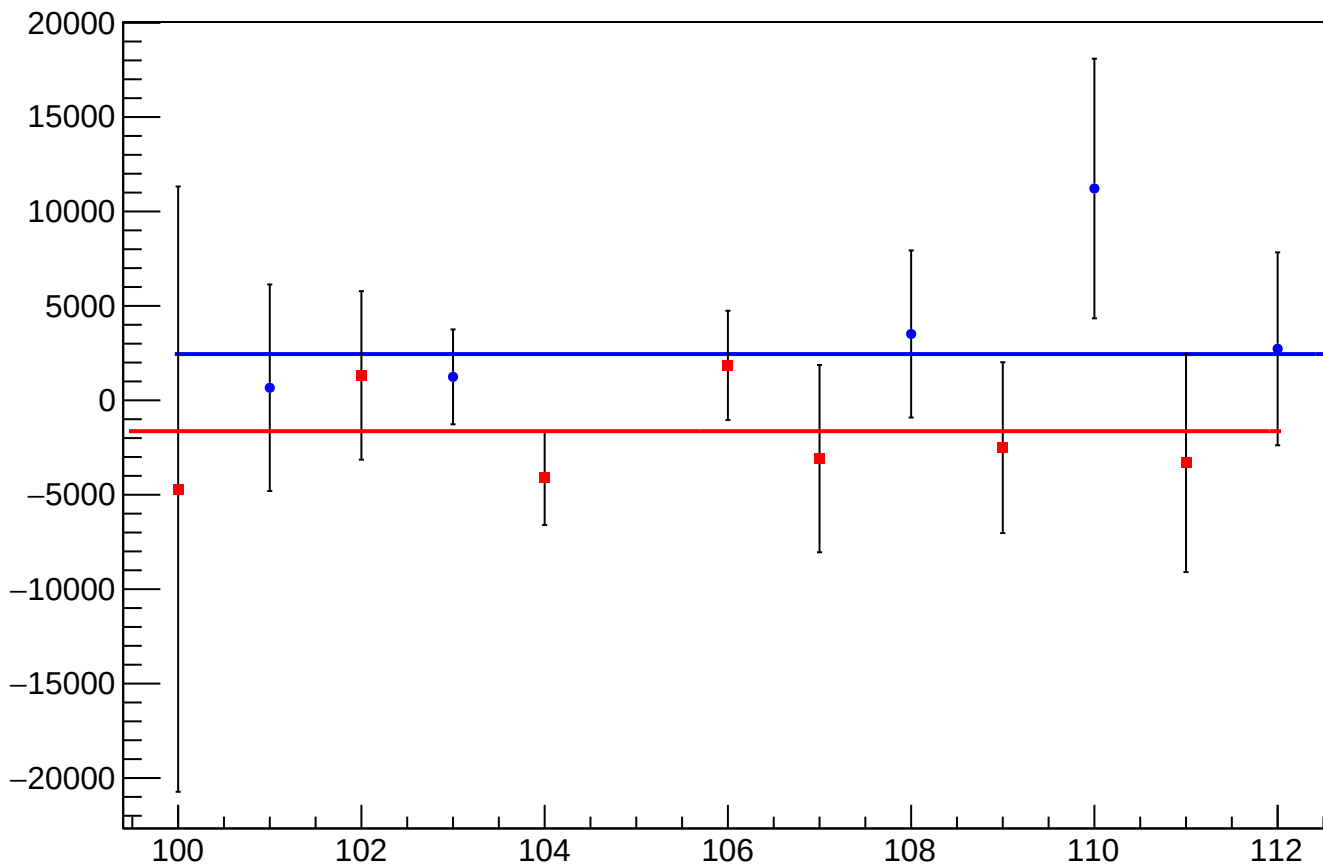
Right: 953.150+/-0.313 χ^2/NDF : 884517.0/11

In: 994.281+/-0.470 χ^2/NDF : 597641.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 953.150+/-0.313 χ^2/NDF : 884517.0/11

asym_usr_atr2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 2448.833+/-1818.424 χ^2/NDF : 2.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1634.417+/-1483.211 χ^2/NDF : 3.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

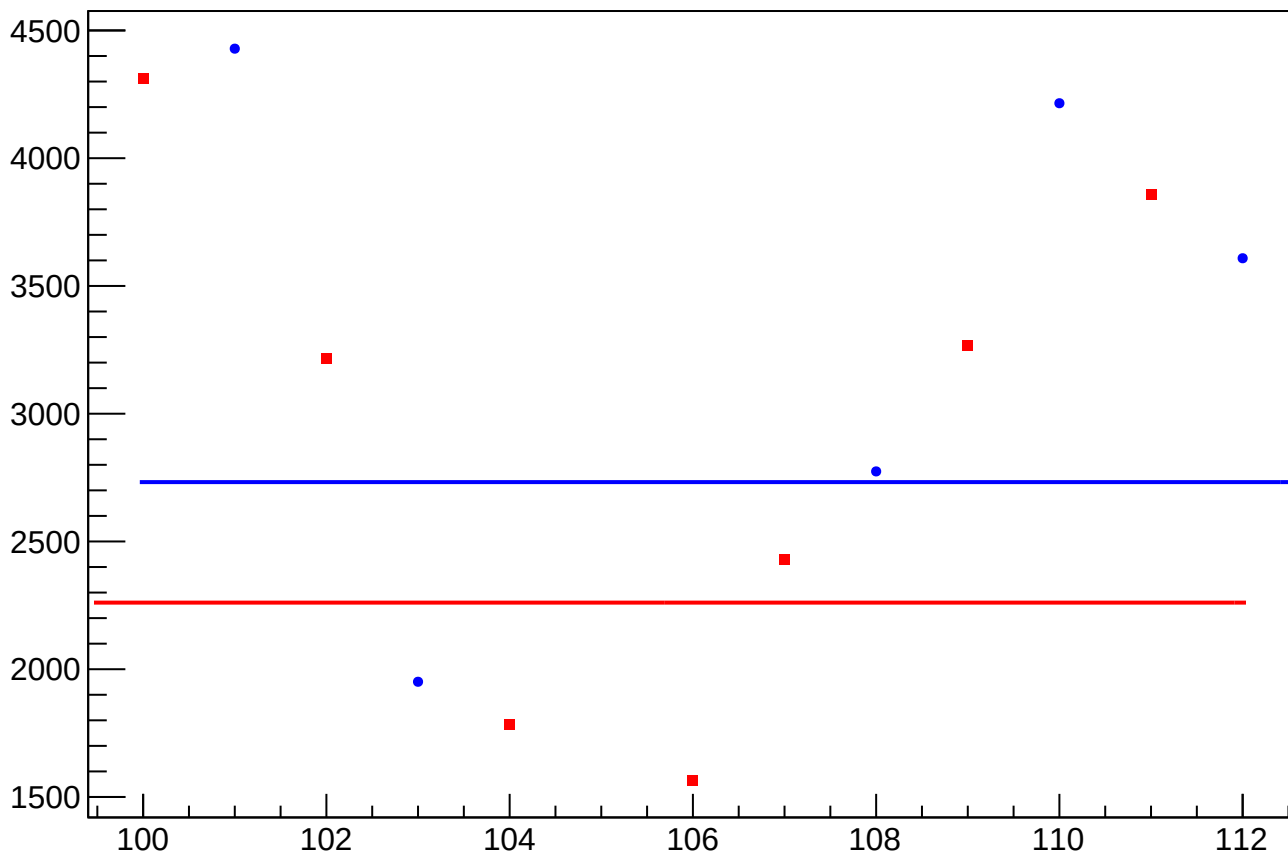
Right: -3.132+/-1149.363 χ^2/NDF : 8.2/11

In: 2448.833+/-1818.424 χ^2/NDF : 2.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.132+/-1149.363 χ^2/NDF : 8.2/11

asym_usr_atr2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2732.312+/-1.286 χ^2/NDF : 537941.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2260.675+/-1.049 χ^2/NDF : 567968.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

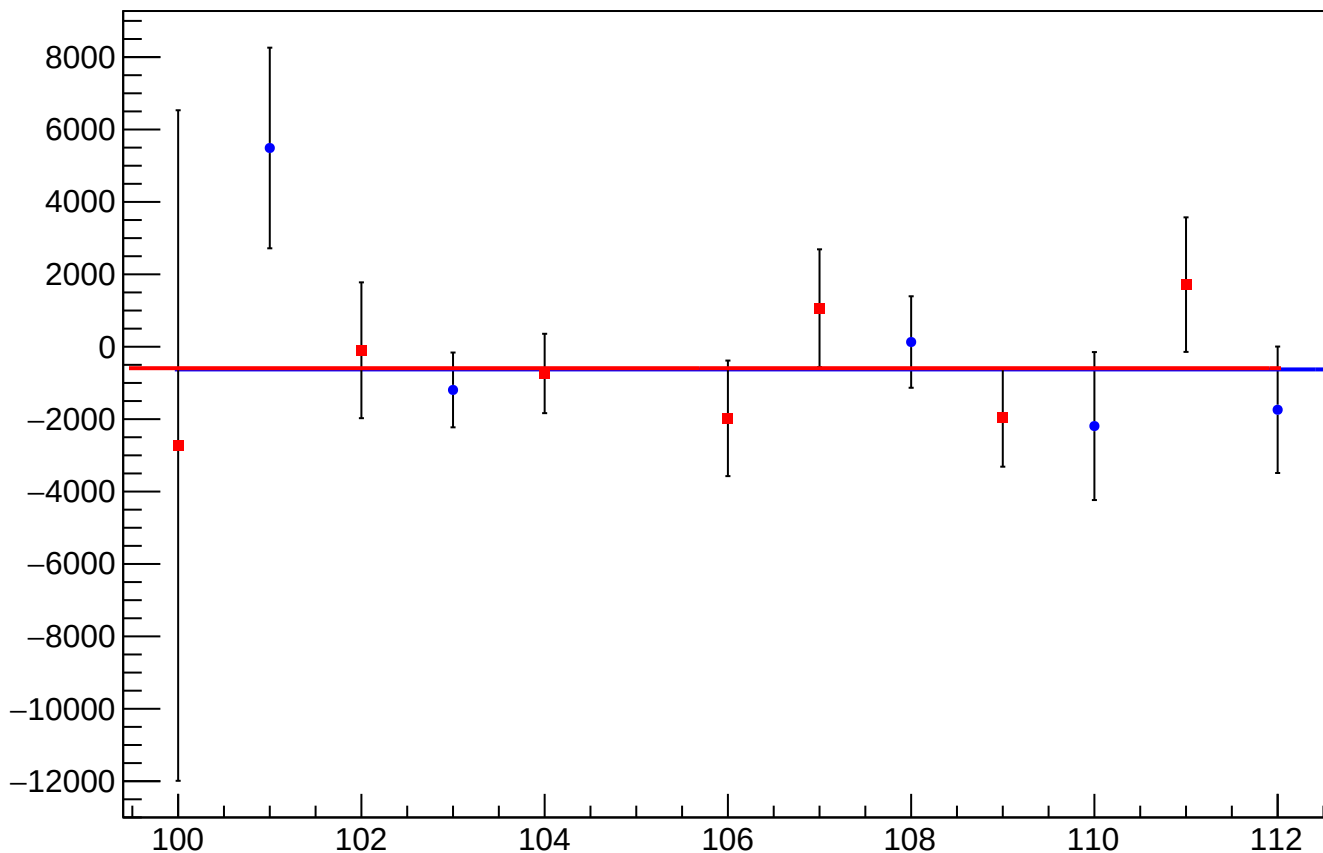
Right: 2449.097+/-0.813 χ^2/NDF : 1186701.2/11

In: 2732.312+/-1.286 χ^2/NDF : 537941.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2449.097+/-0.813 χ^2/NDF : 1186701.2/11

cor_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -626.769+/-664.975 χ^2/NDF : 6.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -592.821+/-604.763 χ^2/NDF : 4.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

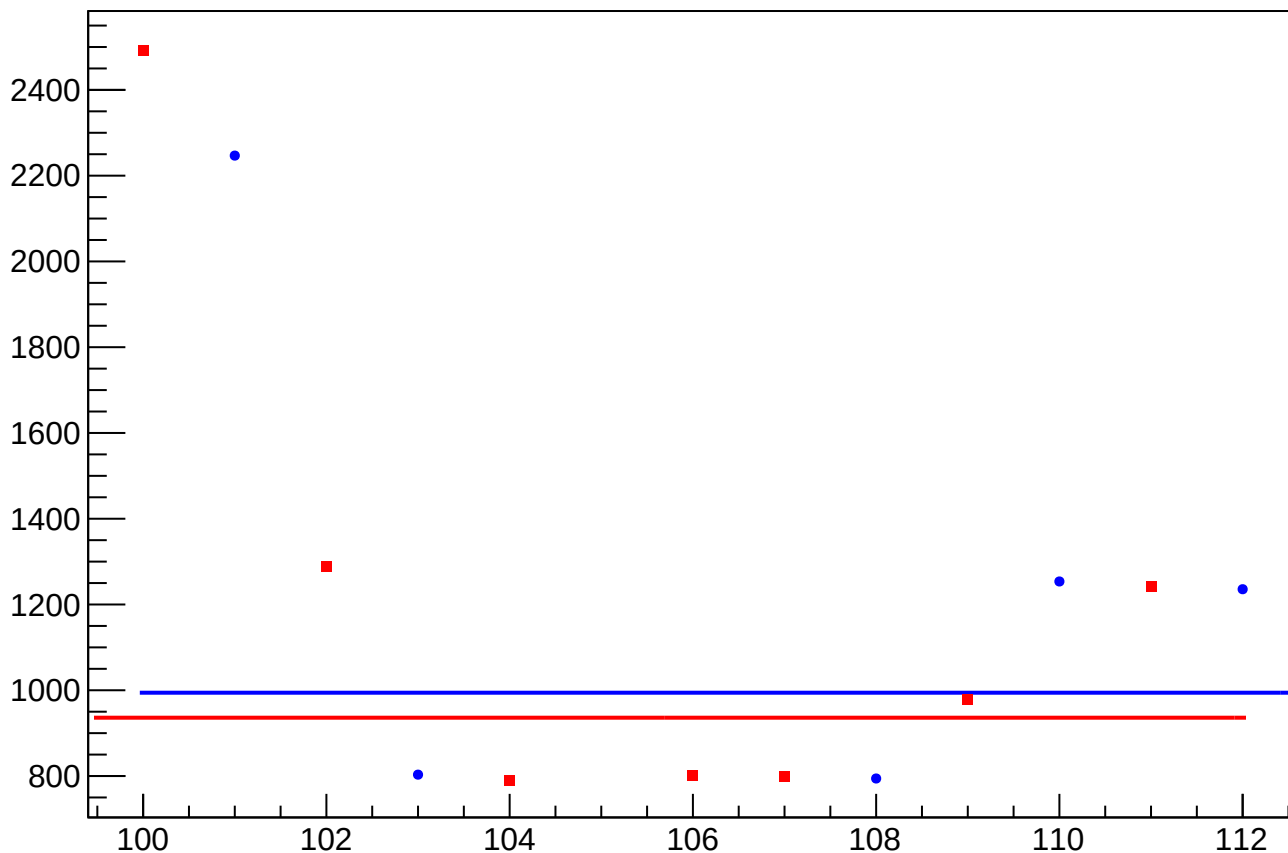
Right: -608.189+/-447.408 χ^2/NDF : 11.0/11

In: -626.769+/-664.975 χ^2/NDF : 6.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -608.189+/-447.408 χ^2/NDF : 11.0/11

cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 994.282+/-0.470 χ^2/NDF : 597639.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 936.015+/-0.426 χ^2/NDF : 248518.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

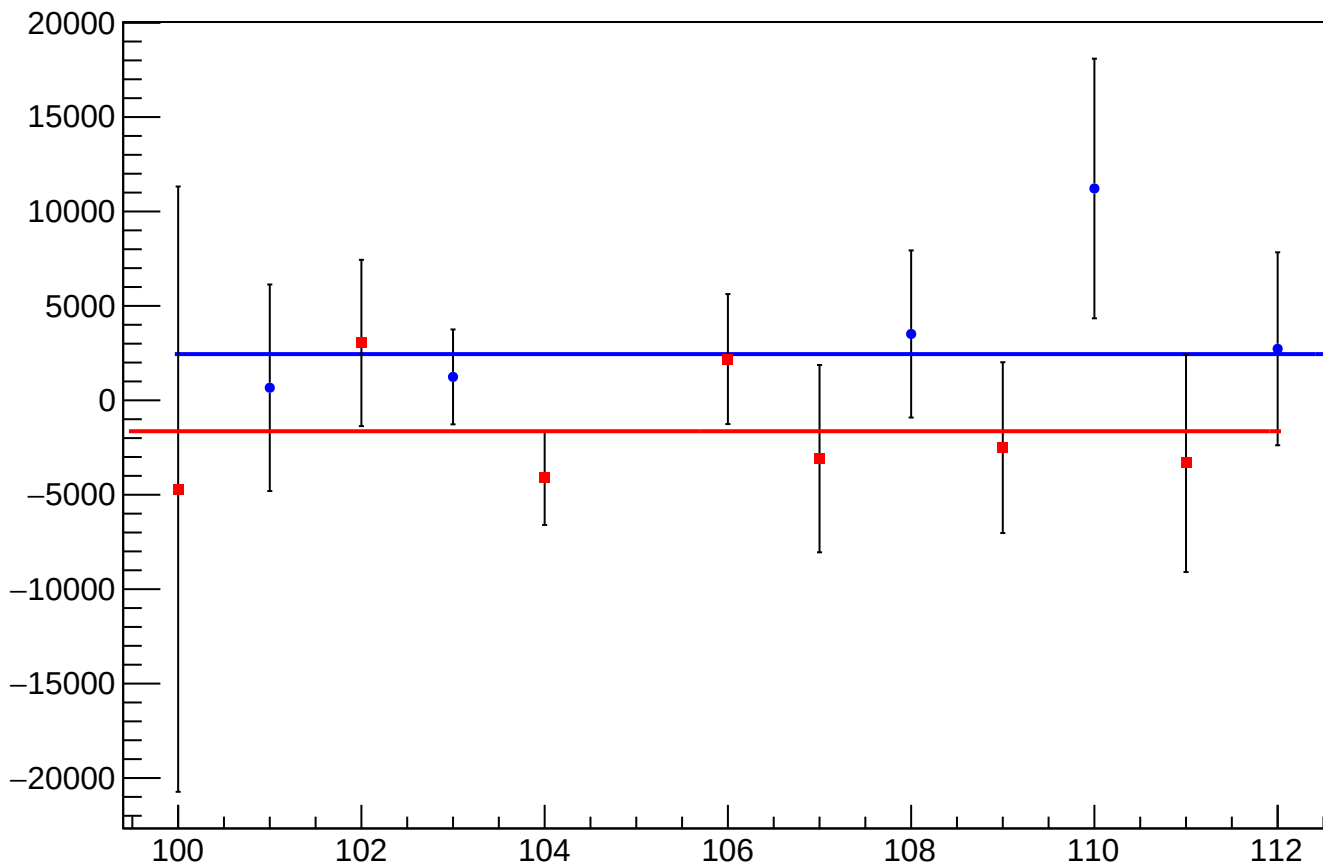
Right: 962.271+/-0.316 χ^2/NDF : 854593.6/11

In: 994.282+/-0.470 χ^2/NDF : 597639.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 962.271+/-0.316 χ^2/NDF : 854593.6/11

asym_usr_atr2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 2447.938 $\pm$ 1818.586 χ^2 /NDF: 2.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1636.572 $\pm$ 1541.325 χ^2 /NDF: 3.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

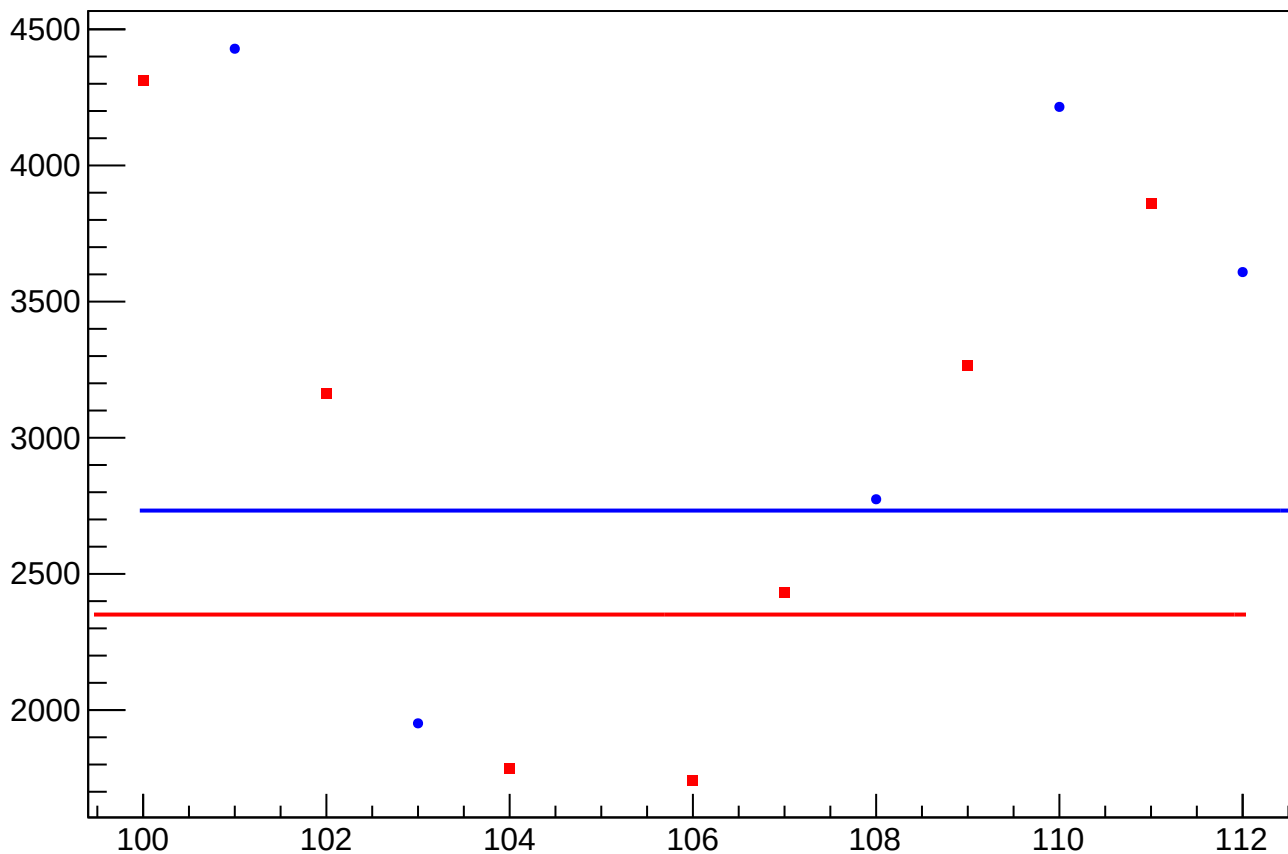
Right: 70.908 $\pm$ 1175.822 χ^2 /NDF: 8.6/11

In: 2447.938 $\pm$ 1818.586 χ^2 /NDF:2.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 70.908 $\pm$ 1175.822 χ^2 /NDF: 8.6/11

asym_usr_atr2_dd_correction_rms vs Slug, Sign Corrected



Right In: 2732.637+/-1.286 χ^2/NDF : 537698.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2350.746+/-1.090 χ^2/NDF : 483512.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

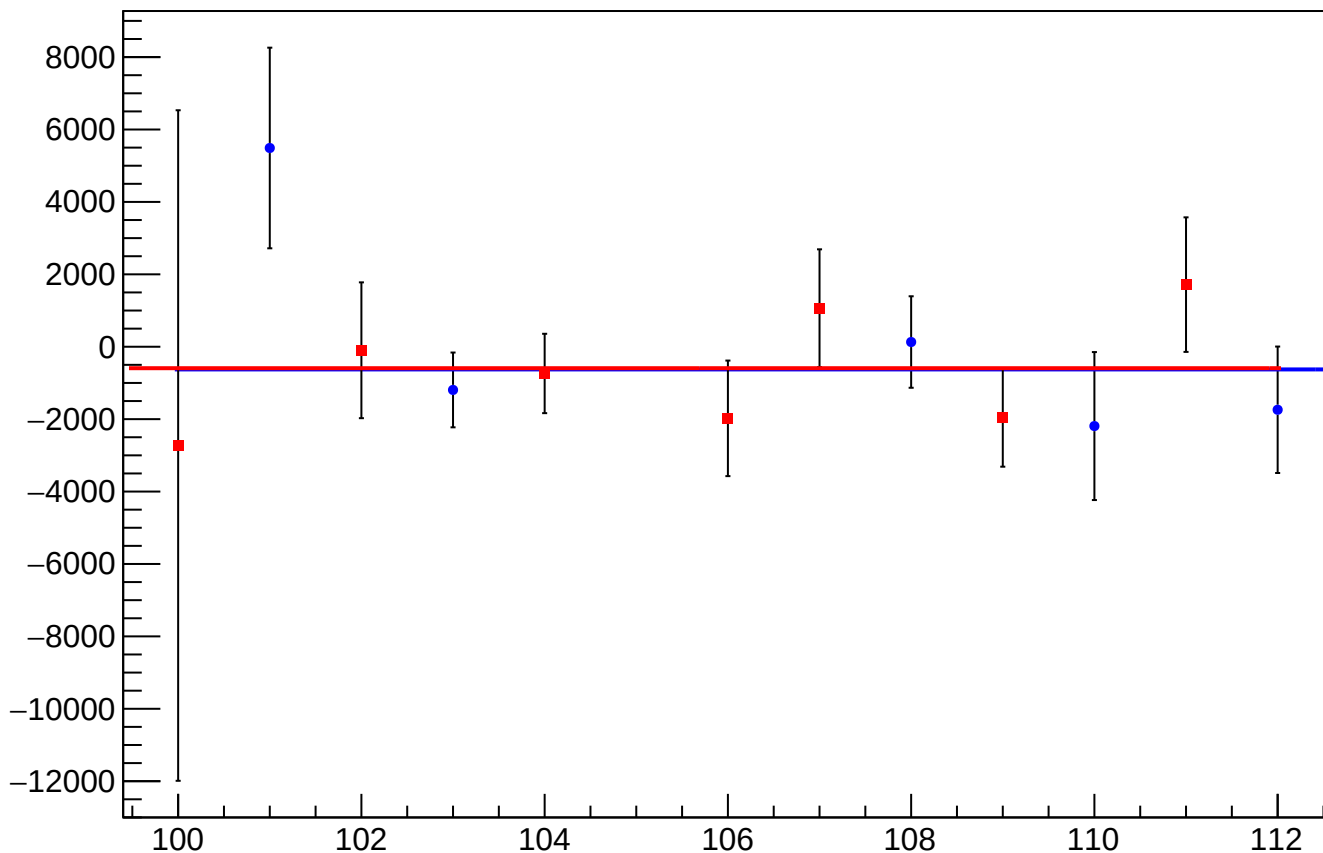
Right: 2510.391+/-0.831 χ^2/NDF : 1072537.1/11

In: 2732.637+/-1.286 χ^2/NDF : 537698.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2510.391+/-0.831 χ^2/NDF : 1072537.1/11

eigen_cor_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -626.769+/-664.975 χ^2/NDF : 6.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -592.821+/-604.763 χ^2/NDF : 4.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

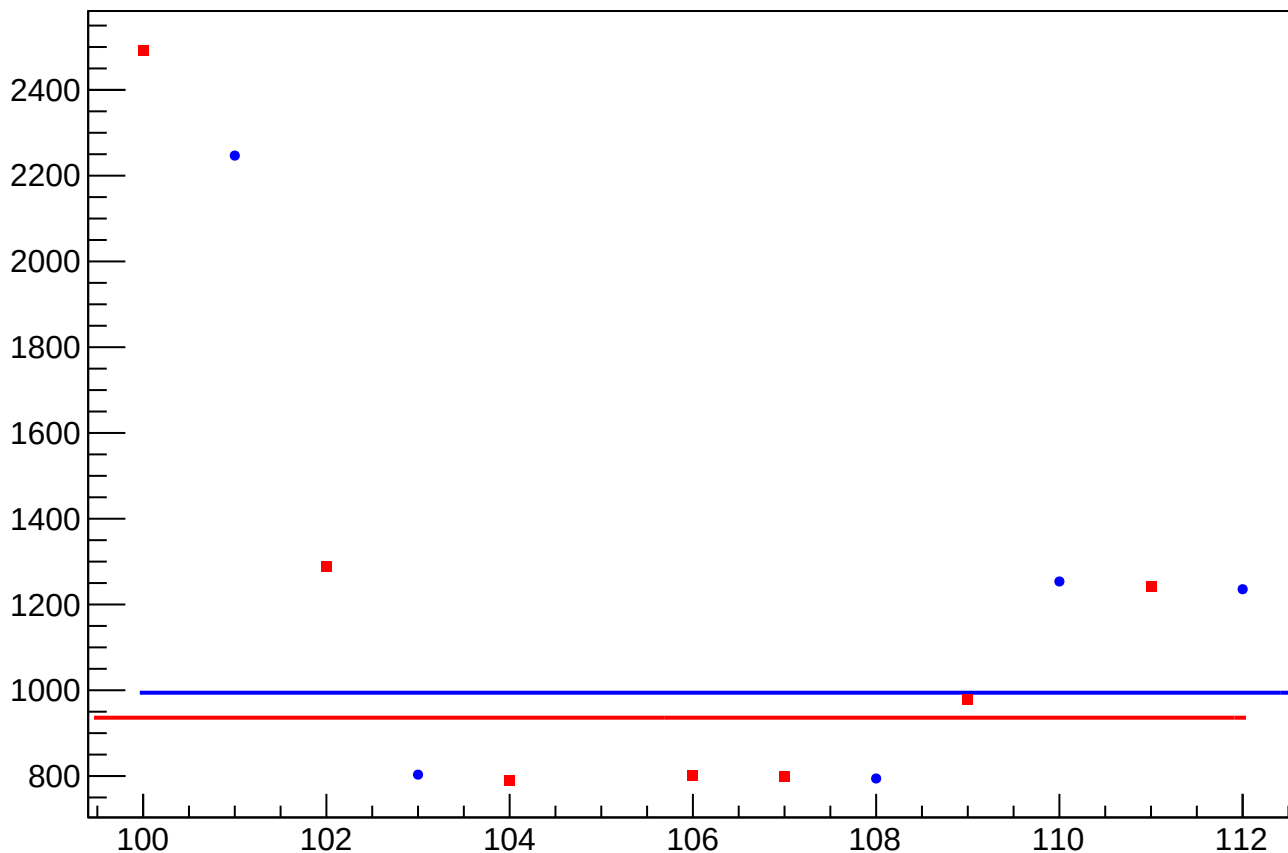
Right: -608.189+/-447.408 χ^2/NDF : 11.0/11

In: -626.769+/-664.975 χ^2/NDF : 6.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -608.189+/-447.408 χ^2/NDF : 11.0/11

eigen_cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 994.282+/-0.470 χ^2/NDF : 597639.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 936.015+/-0.426 χ^2/NDF : 248518.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

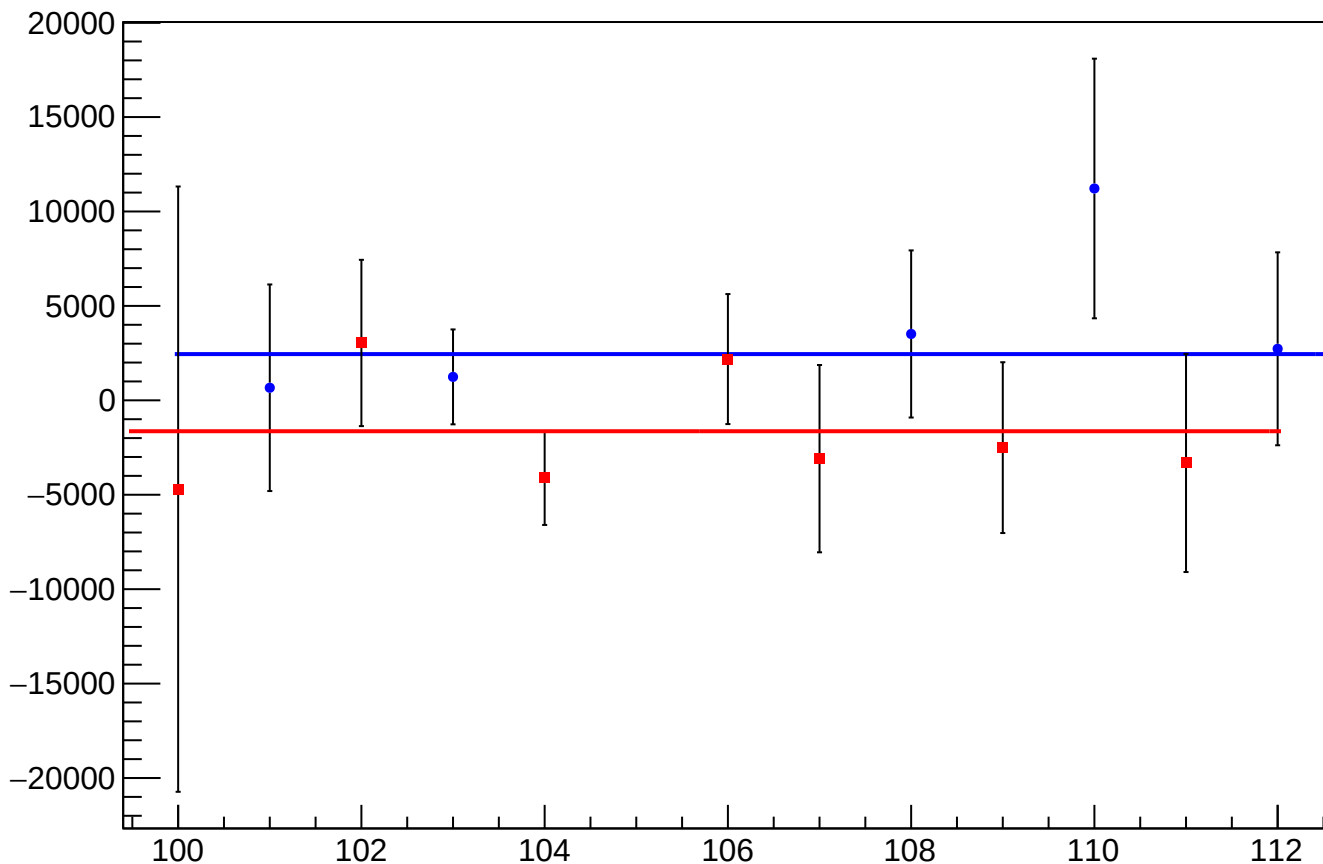
Right: 962.271+/-0.316 χ^2/NDF : 854593.6/11

In: 994.282+/-0.470 χ^2/NDF : 597639.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 962.271+/-0.316 χ^2/NDF : 854593.6/11

asym_usr_atr2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2447.938 $\pm$ 1818.586 χ^2 /NDF: 2.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1636.572 $\pm$ 1541.325 χ^2 /NDF: 3.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

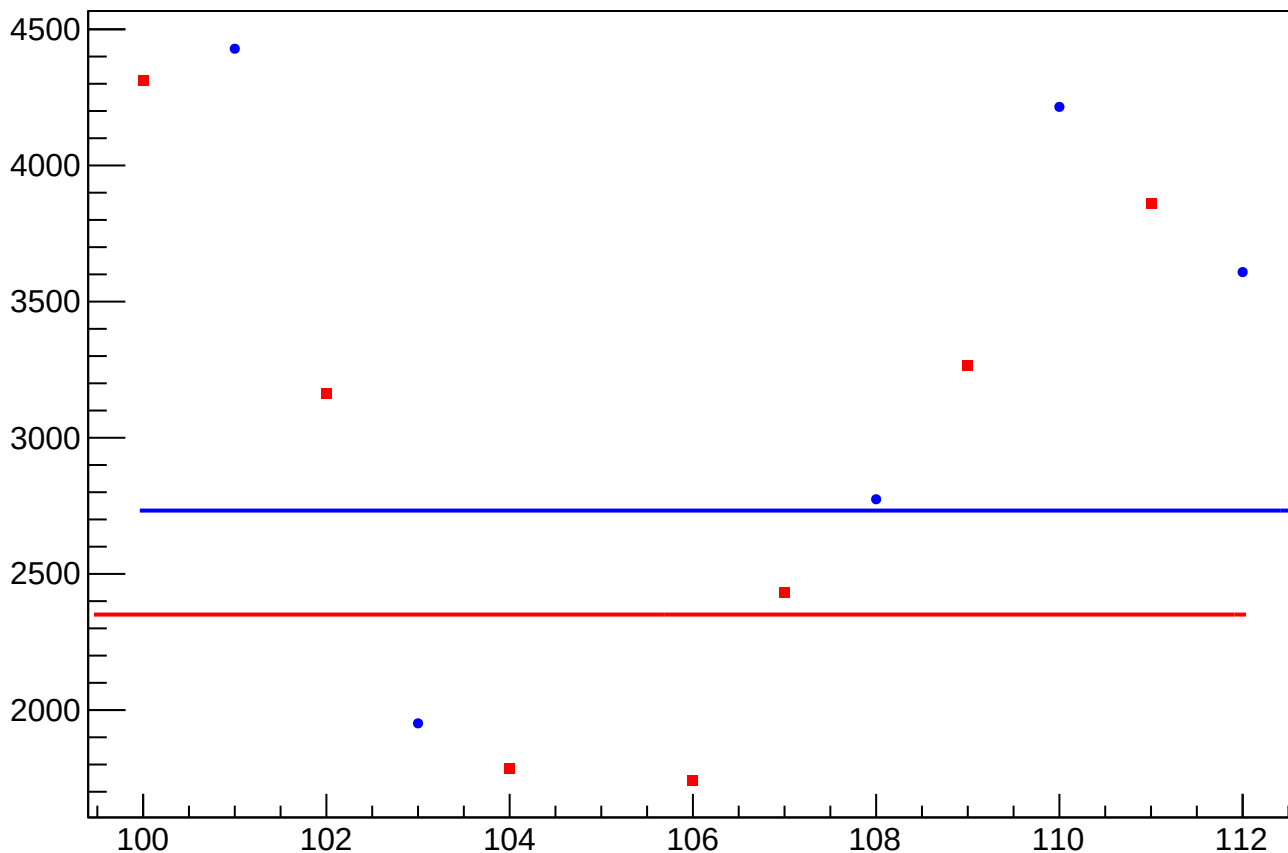
Right: 70.908 $\pm$ 1175.822 χ^2 /NDF: 8.6/11

In: 2447.938 $\pm$ 1818.586 χ^2 /NDF: 2.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 70.908 $\pm$ 1175.822 χ^2 /NDF: 8.6/11

asym_usr_atr2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2732.637+/-1.286 χ^2/NDF : 537698.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2350.746+/-1.090 χ^2/NDF : 483512.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

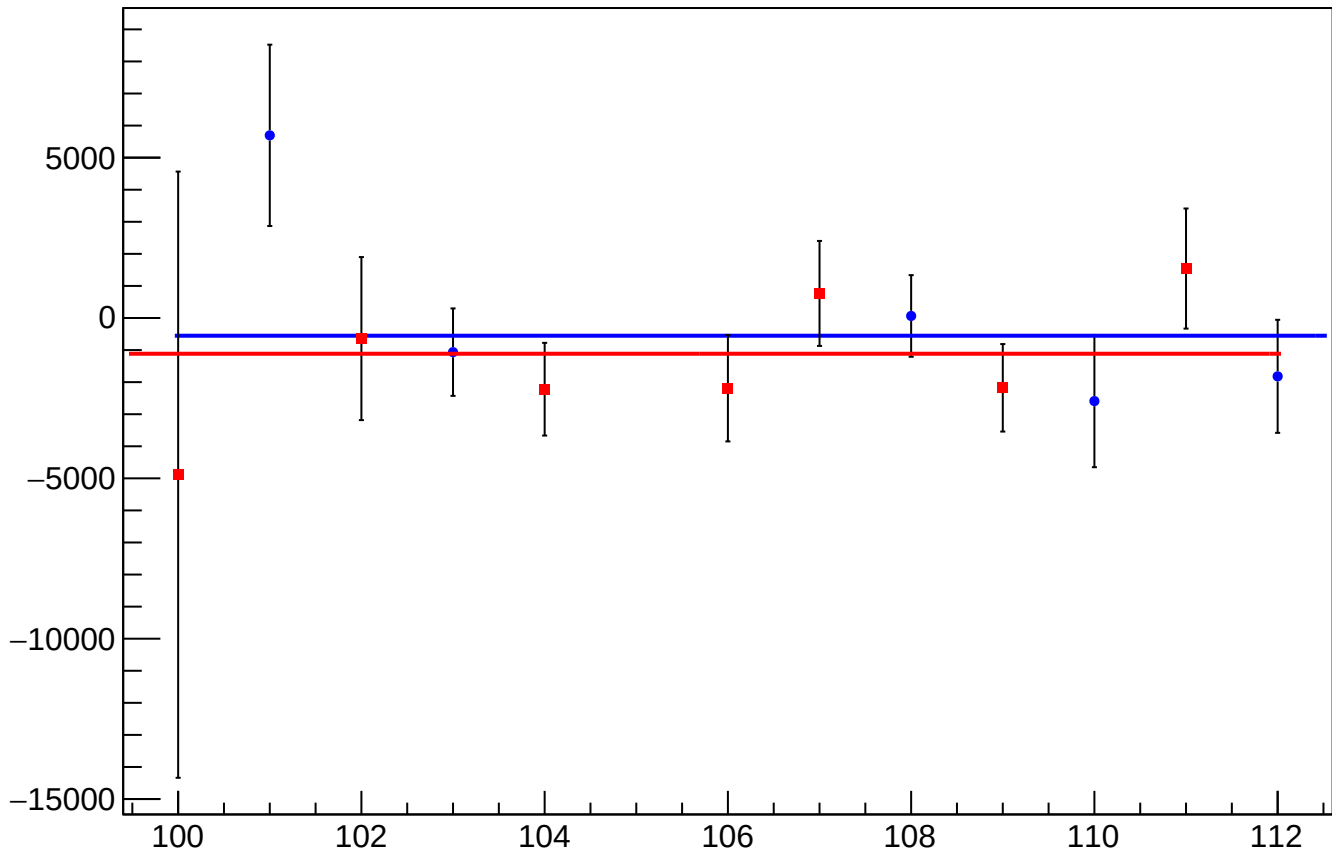
Right: 2510.391+/-0.831 χ^2/NDF : 1072537.1/11

In: 2732.637+/-1.286 χ^2/NDF : 537698.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2510.391+/-0.831 χ^2/NDF : 1072537.1/11

dit_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -552.582+/-737.738 χ^2/NDF : 6.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1114.397+/-673.685 χ^2/NDF : 5.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

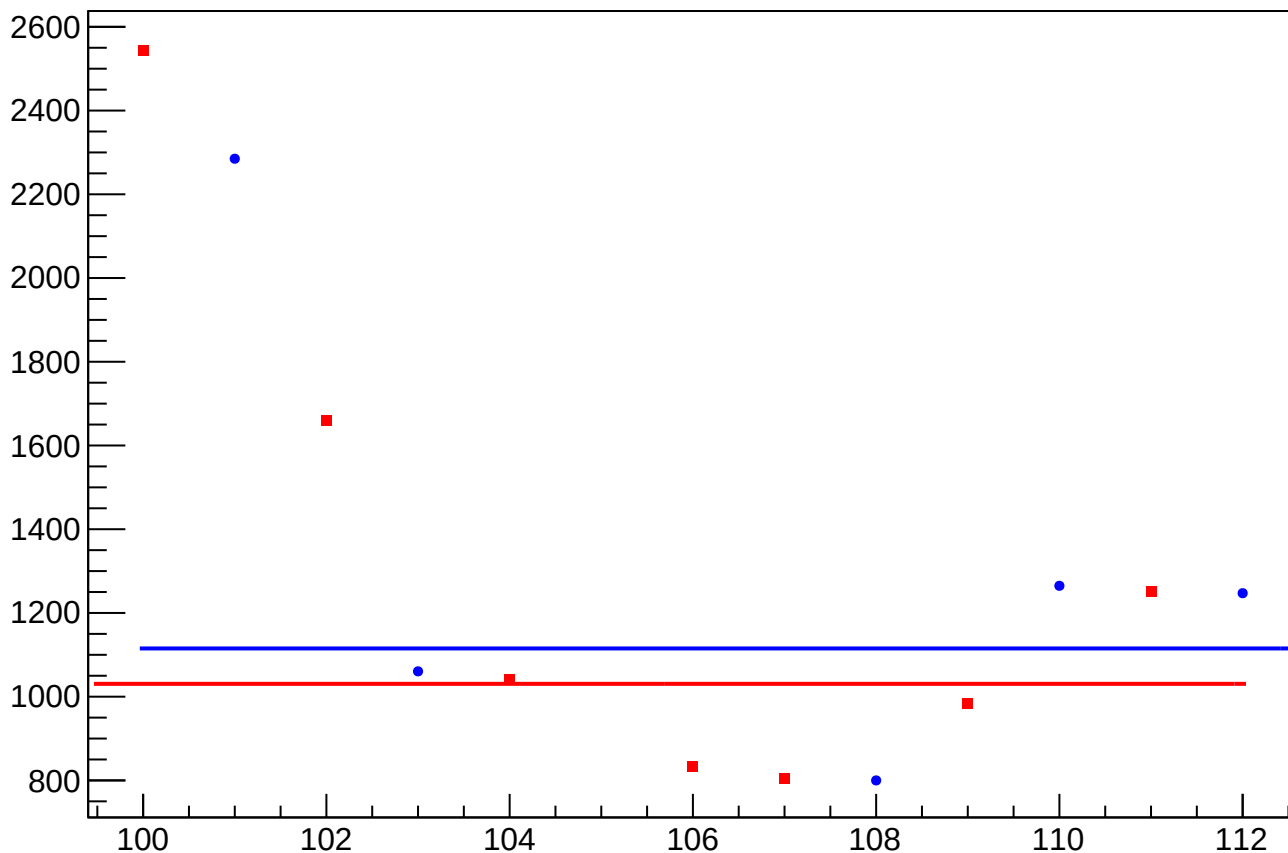
Right: -858.933+/-497.474 χ^2/NDF : 12.2/11

In: -552.582+/-737.738 χ^2/NDF : 6.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -858.933+/-497.474 χ^2/NDF : 12.2/11

dit_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1115.184+/-0.522 χ^2/NDF : 489990.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1030.674+/-0.476 χ^2/NDF : 270656.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

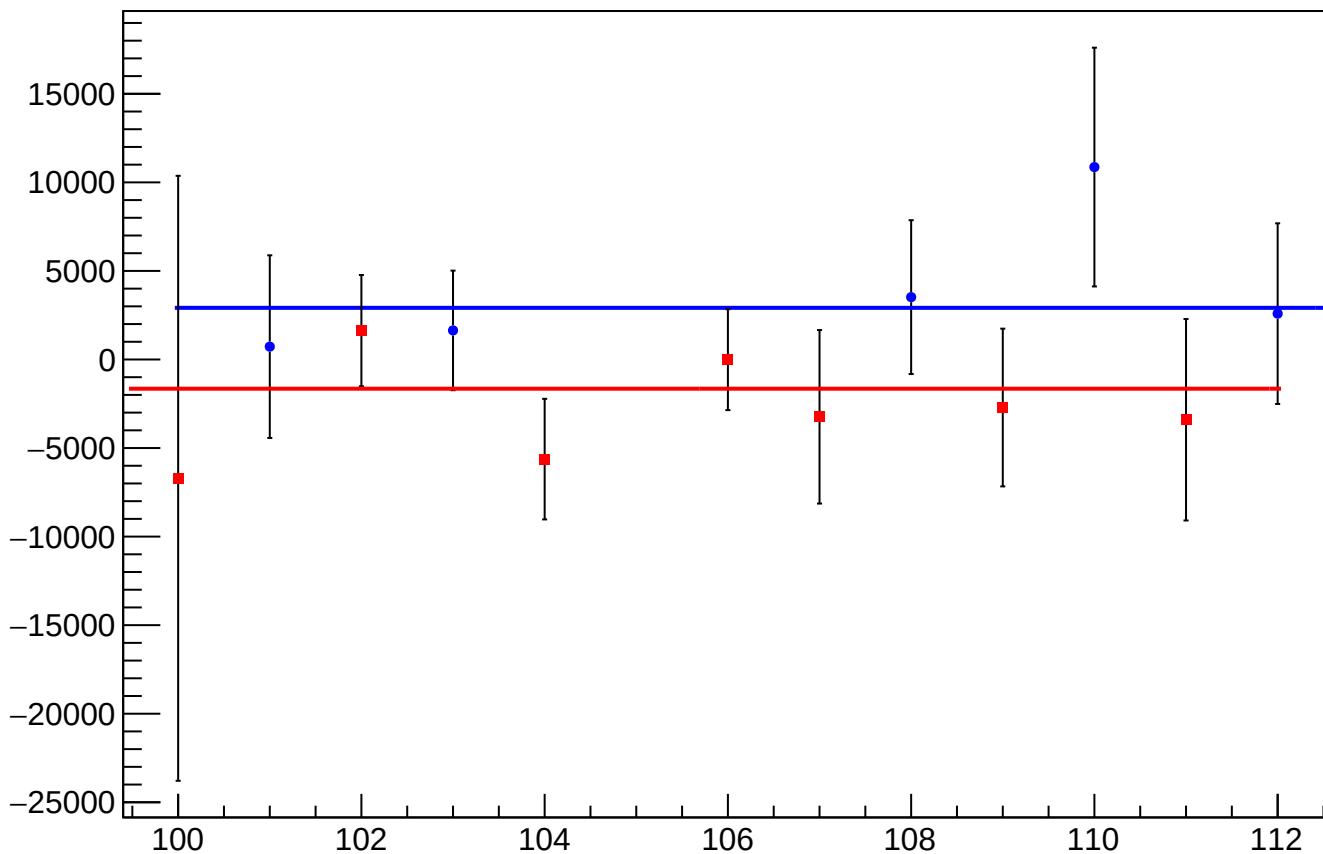
Right: 1069.056+/-0.352 χ^2/NDF : 774972.2/11

In: 1115.184+/-0.522 χ^2/NDF : 489990.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1069.056+/-0.352 χ^2/NDF : 774972.2/11

asym_usr_atr2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 2916.616 $\pm$ 2046.143 χ^2 /NDF: 1.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1649.818 $\pm$ 1512.273 χ^2 /NDF: 3.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

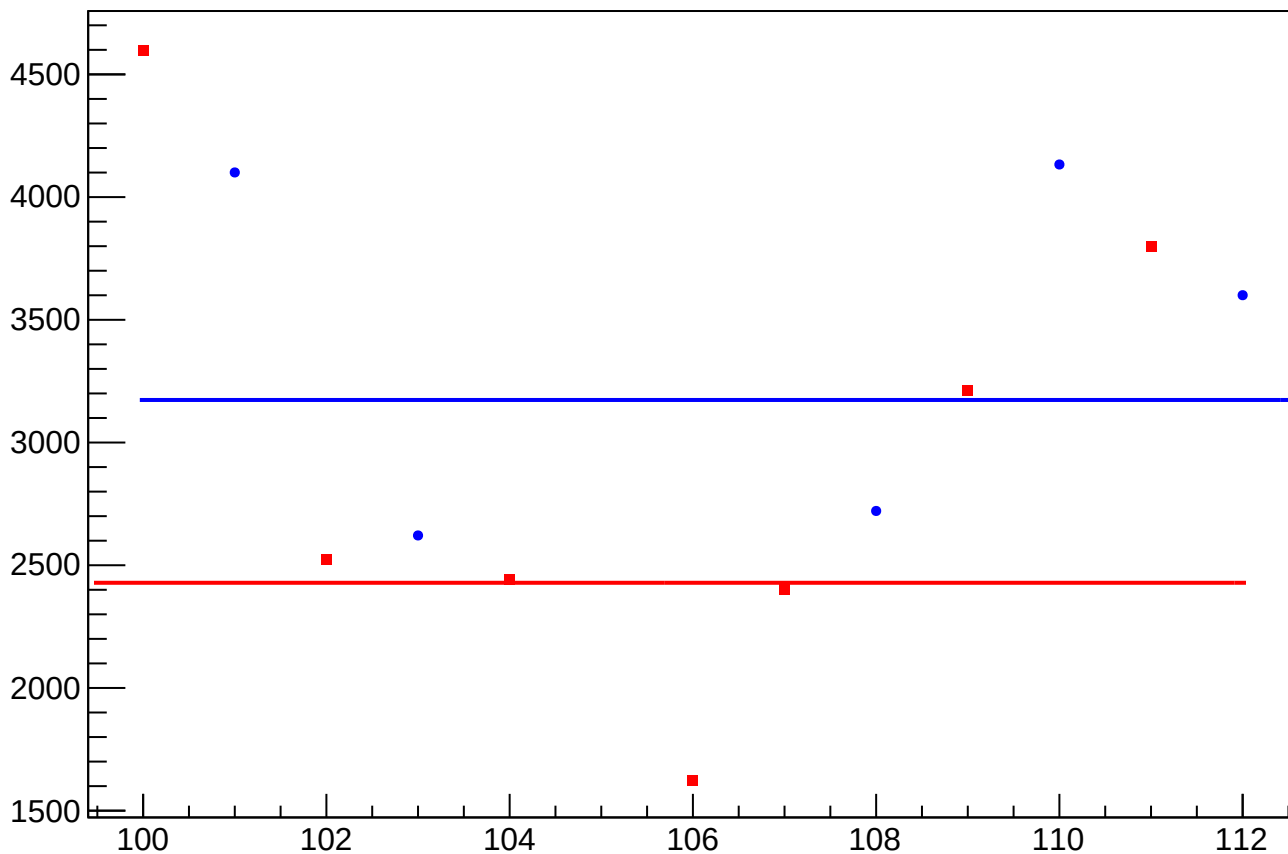
Right: -36.623 $\pm$ 1216.160 χ^2 /NDF: 8.1/11

In: 2916.616 $\pm$ 2046.143 χ^2 /NDF:1.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -36.623 $\pm$ 1216.160 χ^2 /NDF: 8.1/11

asym_usr_atr2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3173.400+/-1.447 χ^2/NDF : 194359.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2428.564+/-1.069 χ^2/NDF : 372227.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

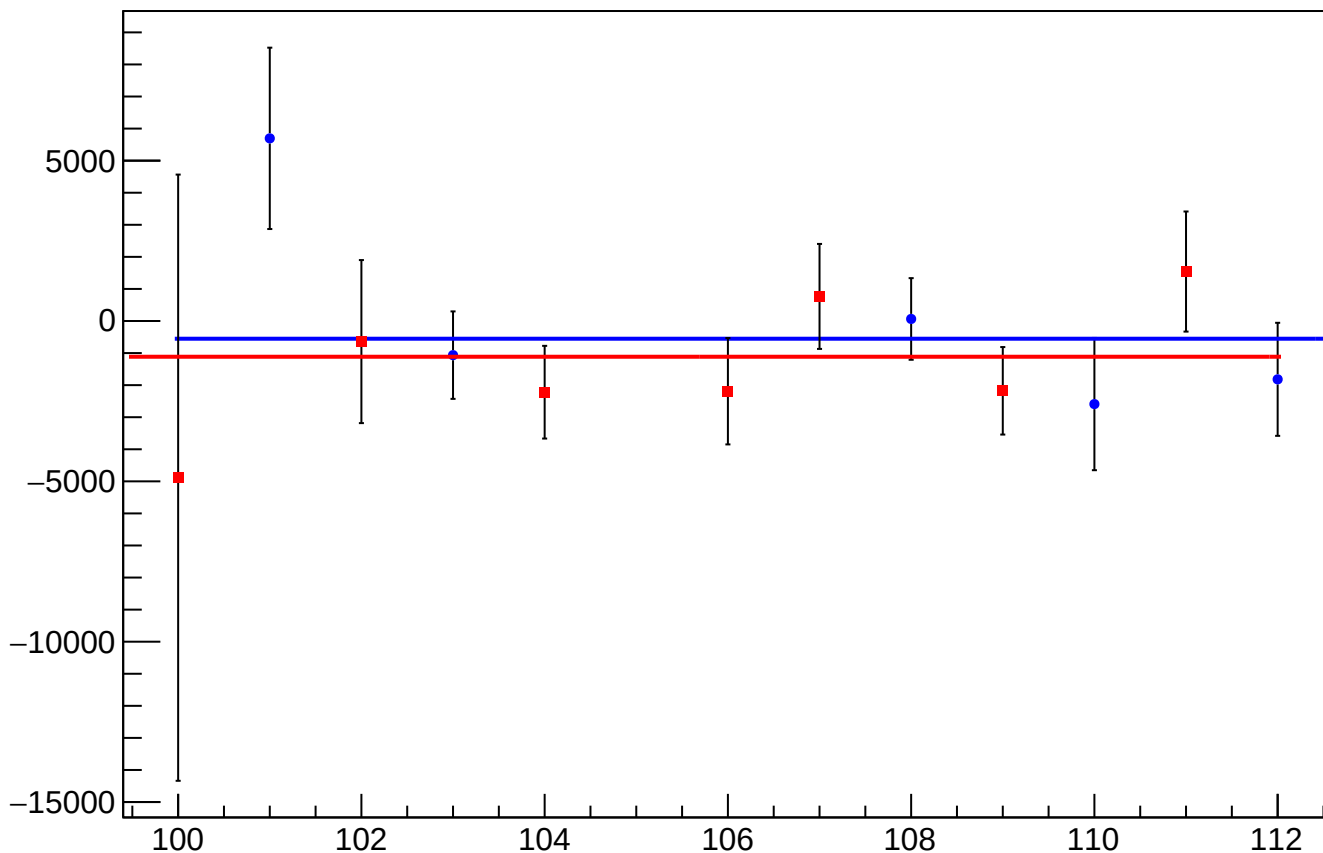
Right: 2691.694+/-0.860 χ^2/NDF : 737983.1/11

In: 3173.400+/-1.447 χ^2/NDF : 194359.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2691.694+/-0.860 χ^2/NDF : 737983.1/11

eigen_dit_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -552.581+/-737.738 χ^2/NDF : 6.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1114.399+/-673.685 χ^2/NDF : 5.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

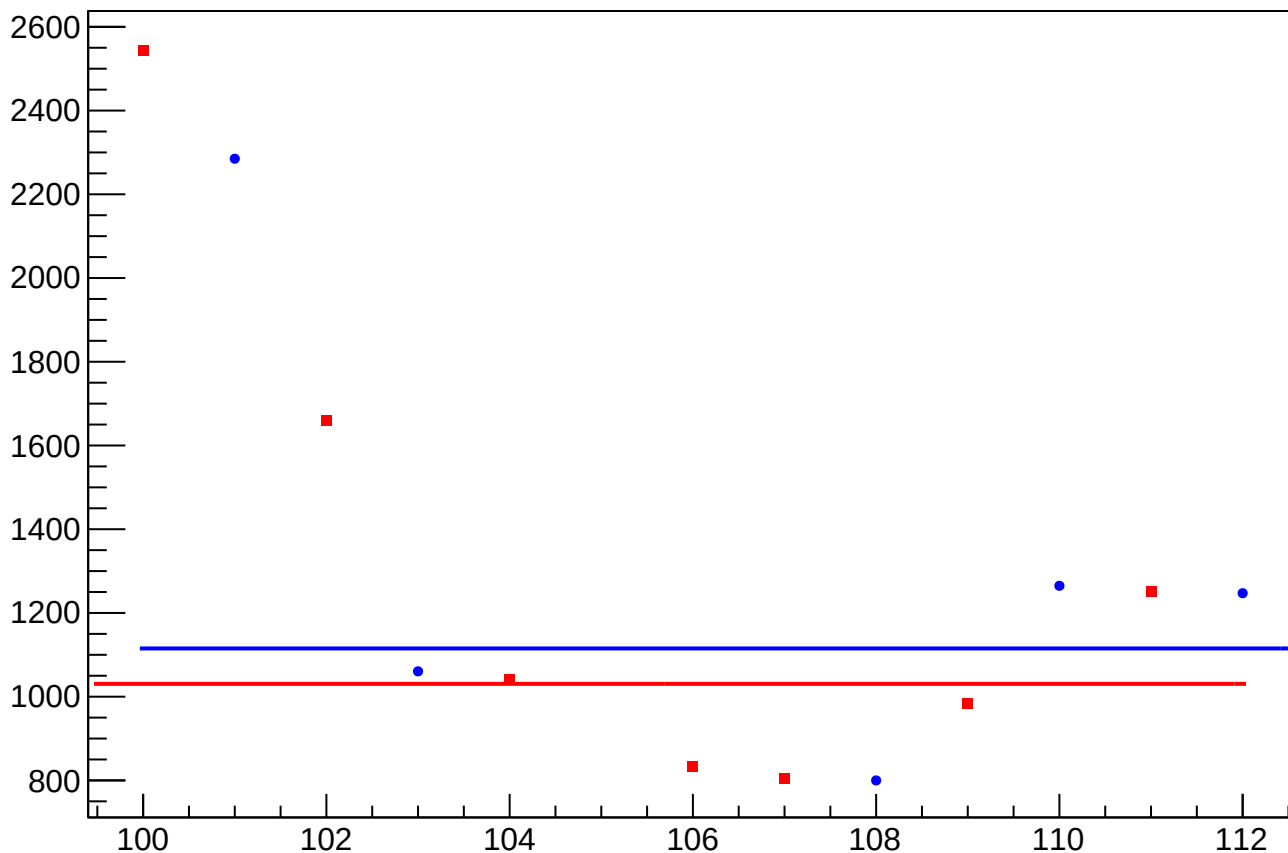
Right: -858.934+/-497.474 χ^2/NDF : 12.2/11

In: -552.581+/-737.738 χ^2/NDF : 6.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -858.934+/-497.474 χ^2/NDF : 12.2/11

eigen_dit_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1115.184+/-0.522 χ^2/NDF : 489990.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1030.675+/-0.476 χ^2/NDF : 270657.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

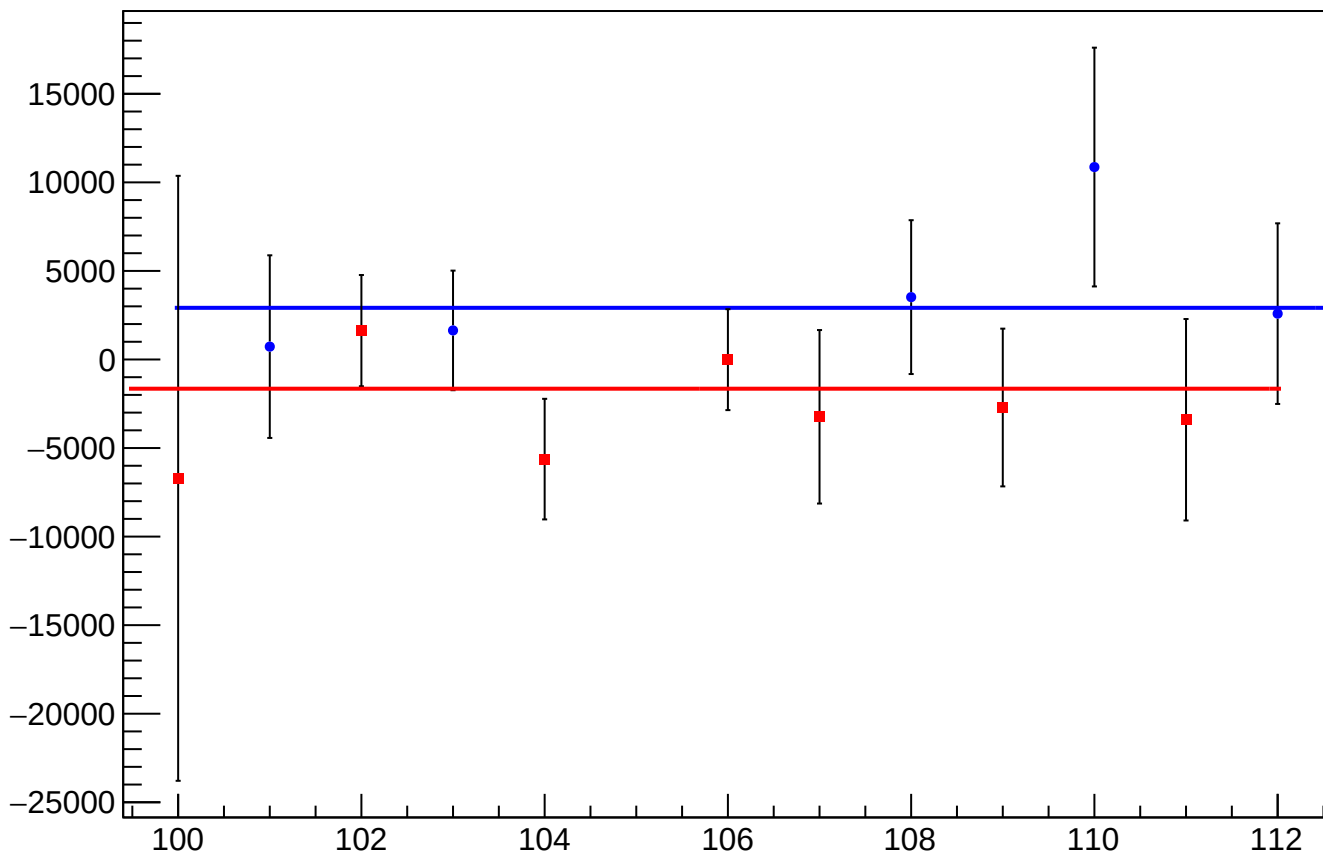
Right: 1069.056+/-0.352 χ^2/NDF : 774972.7/11

In: 1115.184+/-0.522 χ^2/NDF : 489990.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1069.056+/-0.352 χ^2/NDF : 774972.7/11

asym_usr_atr2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 2916.619+/-2046.143 χ^2/NDF : 1.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1649.828+/-1512.271 χ^2/NDF : 3.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

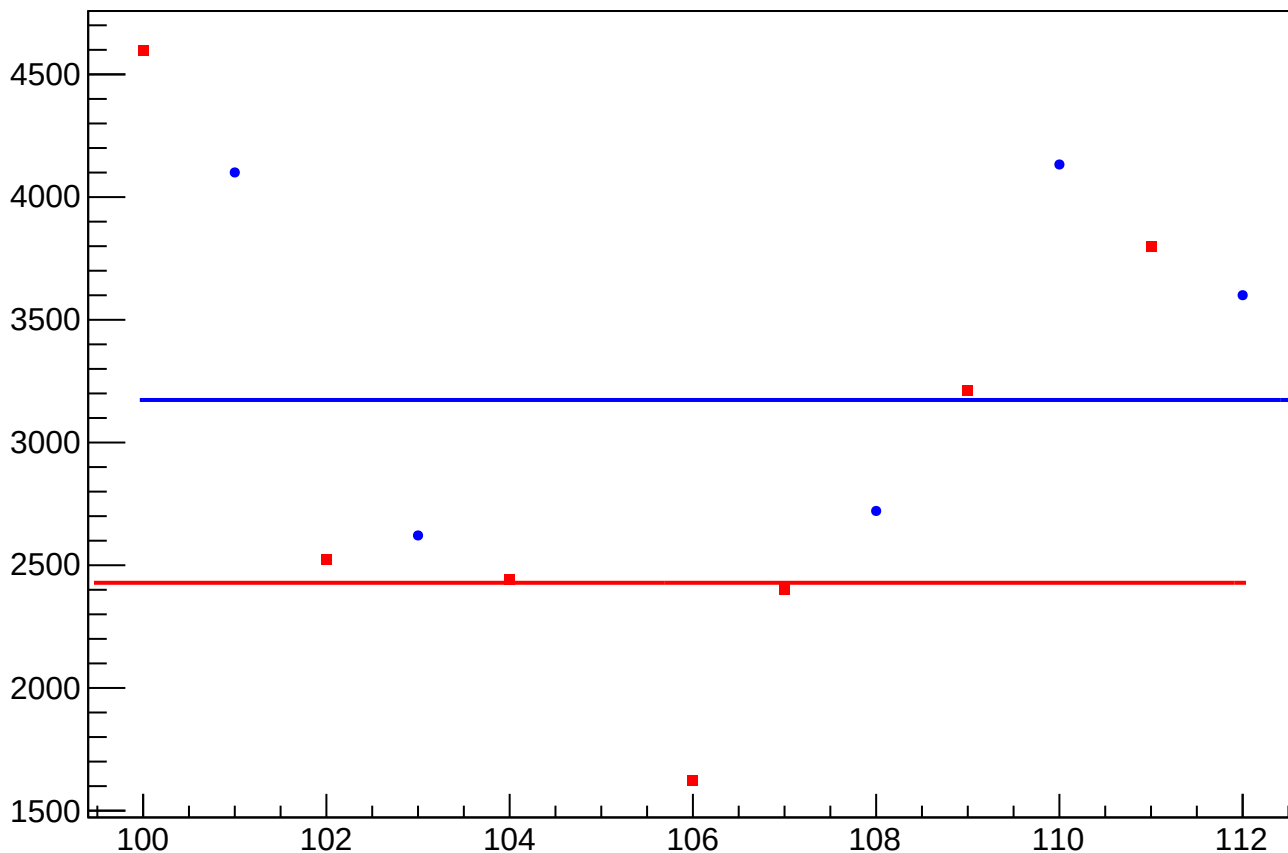
Right: -36.632+/-1216.159 χ^2/NDF : 8.1/11

In: 2916.619+/-2046.143 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.632+/-1216.159 χ^2/NDF : 8.1/11

asym_usr_atr2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3173.401+/-1.447 χ^2/NDF : 194357.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2428.560+/-1.069 χ^2/NDF : 372229.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

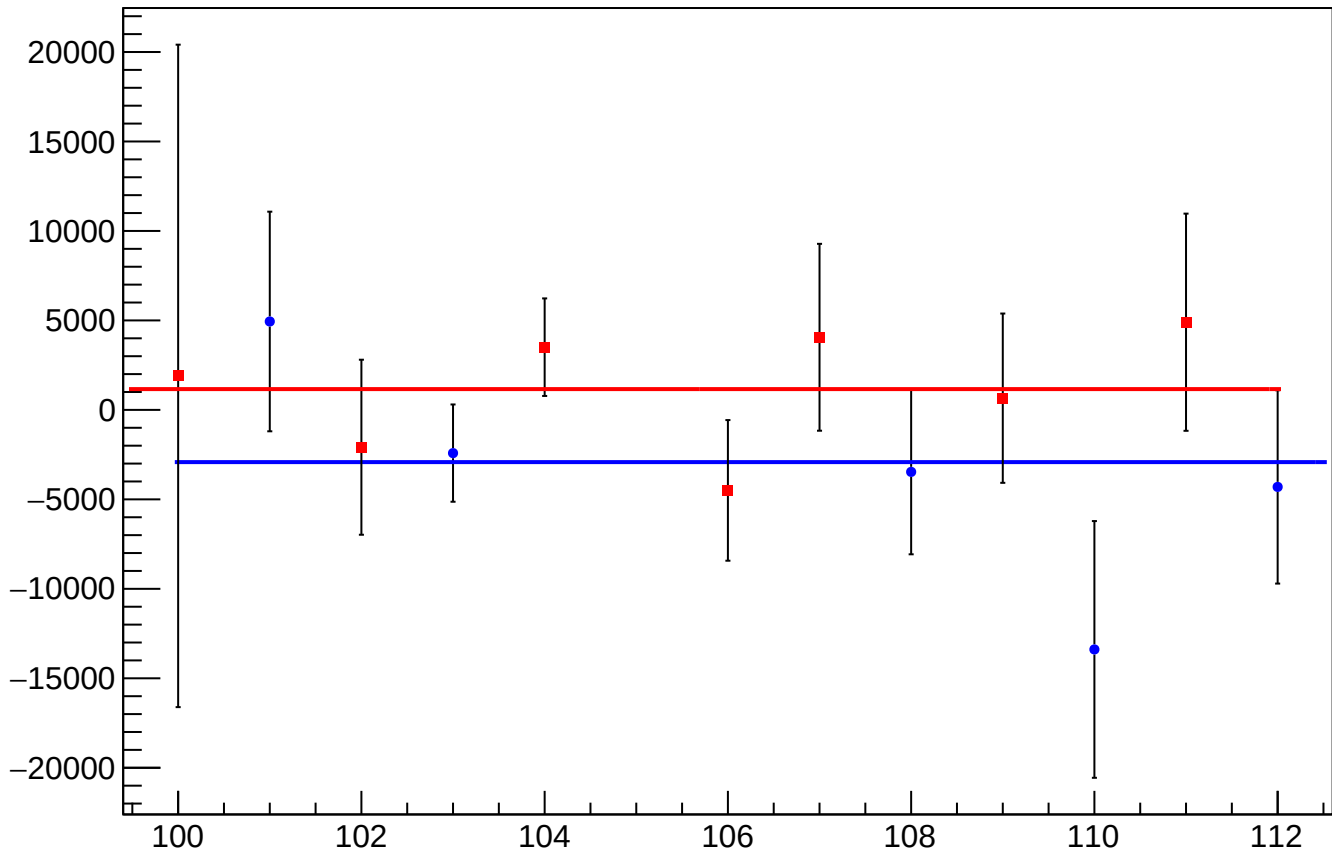
Right: 2691.691+/-0.860 χ^2/NDF : 737986.2/11

In: 3173.401+/-1.447 χ^2/NDF : 194357.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2691.691+/-0.860 χ^2/NDF : 737986.2/11

asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -2918.118+/-1950.849 χ^2/NDF : 3.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1162.074+/-1684.157 χ^2/NDF : 4.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

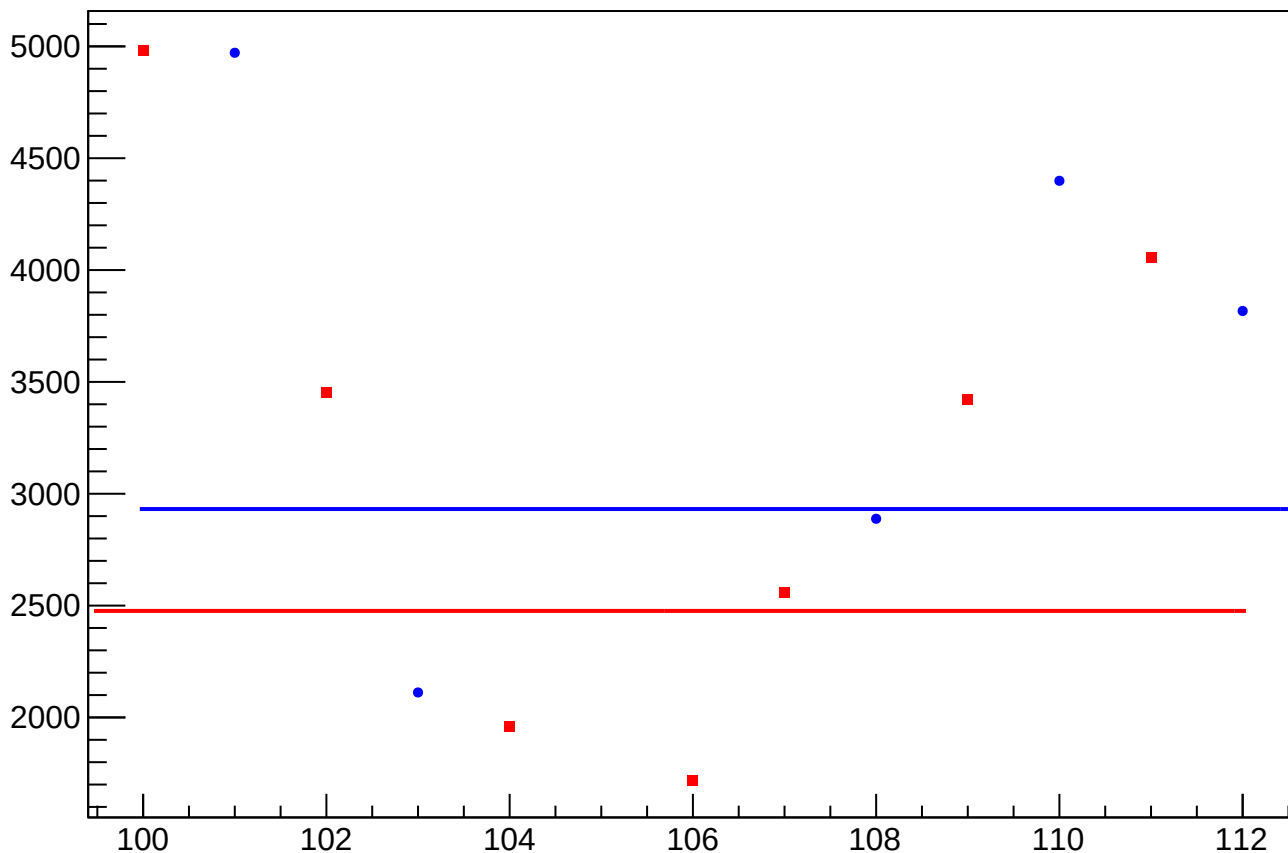
Right: -580.270+/-1274.824 χ^2/NDF : 10.3/11

In: -2918.118+/-1950.849 χ^2/NDF : 3.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -580.270+/-1274.824 χ^2/NDF : 10.3/11

asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 2931.644+/-1.379 χ^2/NDF : 540564.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2476.278+/-1.154 χ^2/NDF : 504693.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

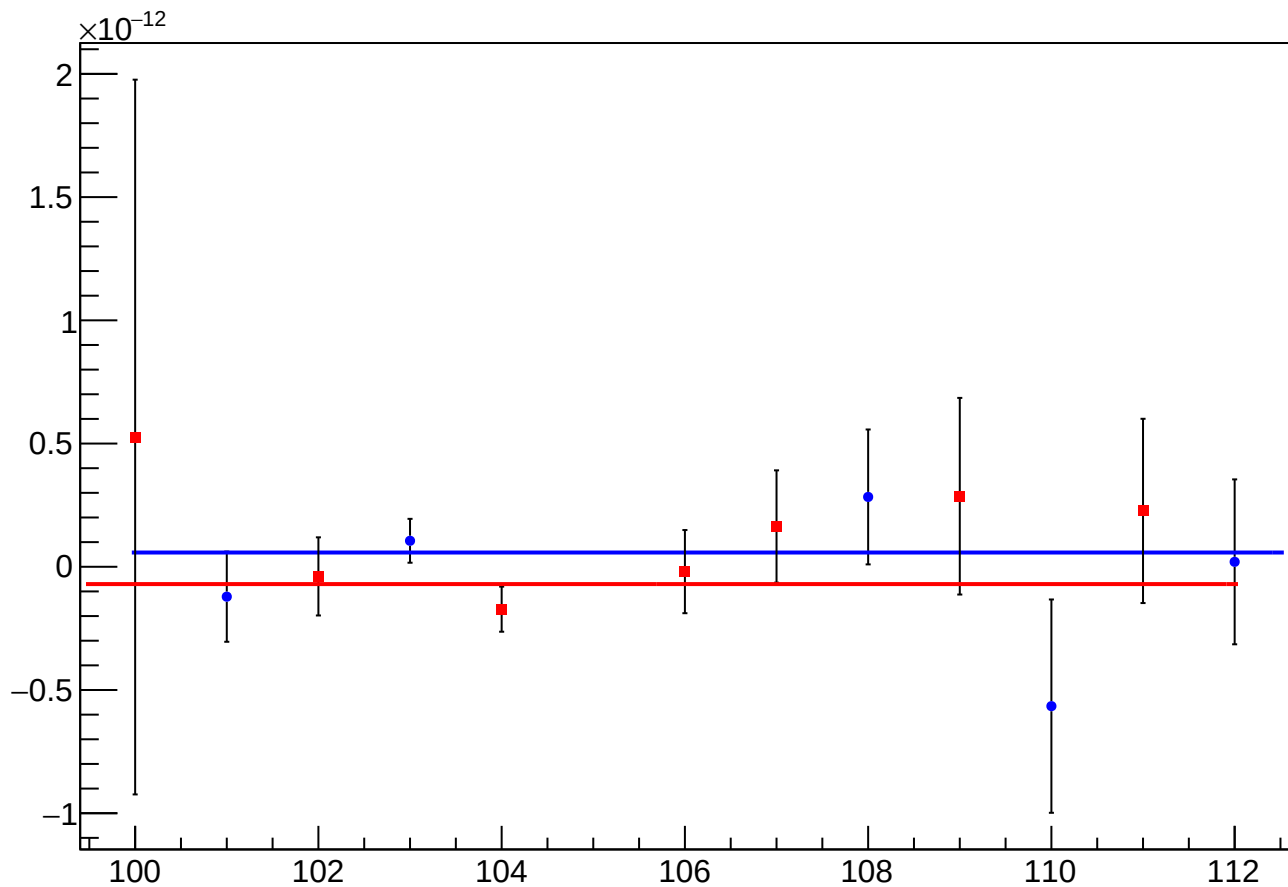
Right: 2663.747+/-0.885 χ^2/NDF : 1109365.5/11

In: 2931.644+/-1.379 χ^2/NDF : 540564.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2663.747+/-0.885 χ^2/NDF : 1109365.5/11

asym_usr_atr2_dd_reg_vs_slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

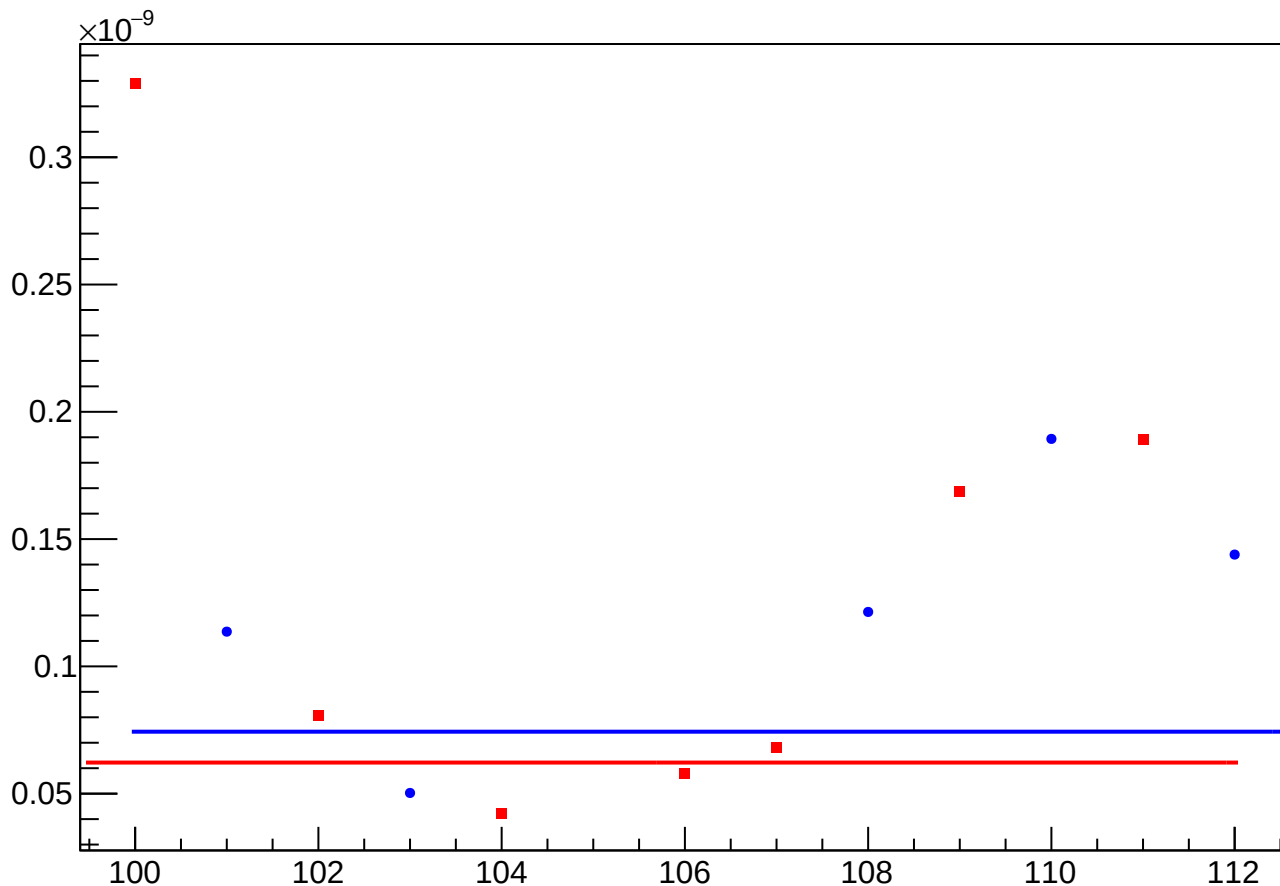
Right: -0.000+/-0.000 χ^2/NDF : 9.7/11

In: 0.000+/-0.000 χ^2/NDF : 4.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.7/11

asym_usr_atr2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 525282.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 566500.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

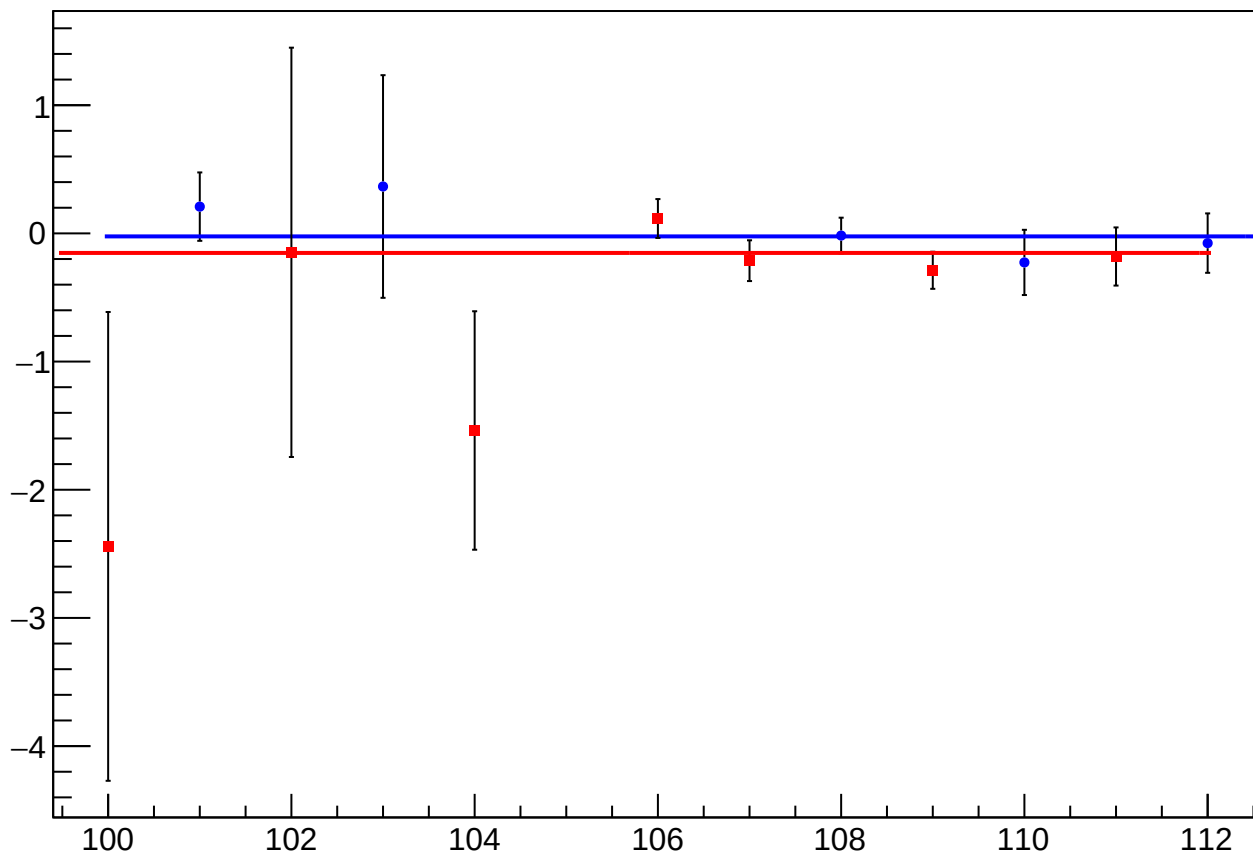
Right: 0.000+/-0.000 χ^2/NDF : 1121671.6/11

In: 0.000+/-0.000 χ^2/NDF : 525282.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1121671.6/11

asym_usr_atr2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024+/-0.100 χ^2 /NDF: 1.6/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.153+/-0.081 χ^2 /NDF: 8.0/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

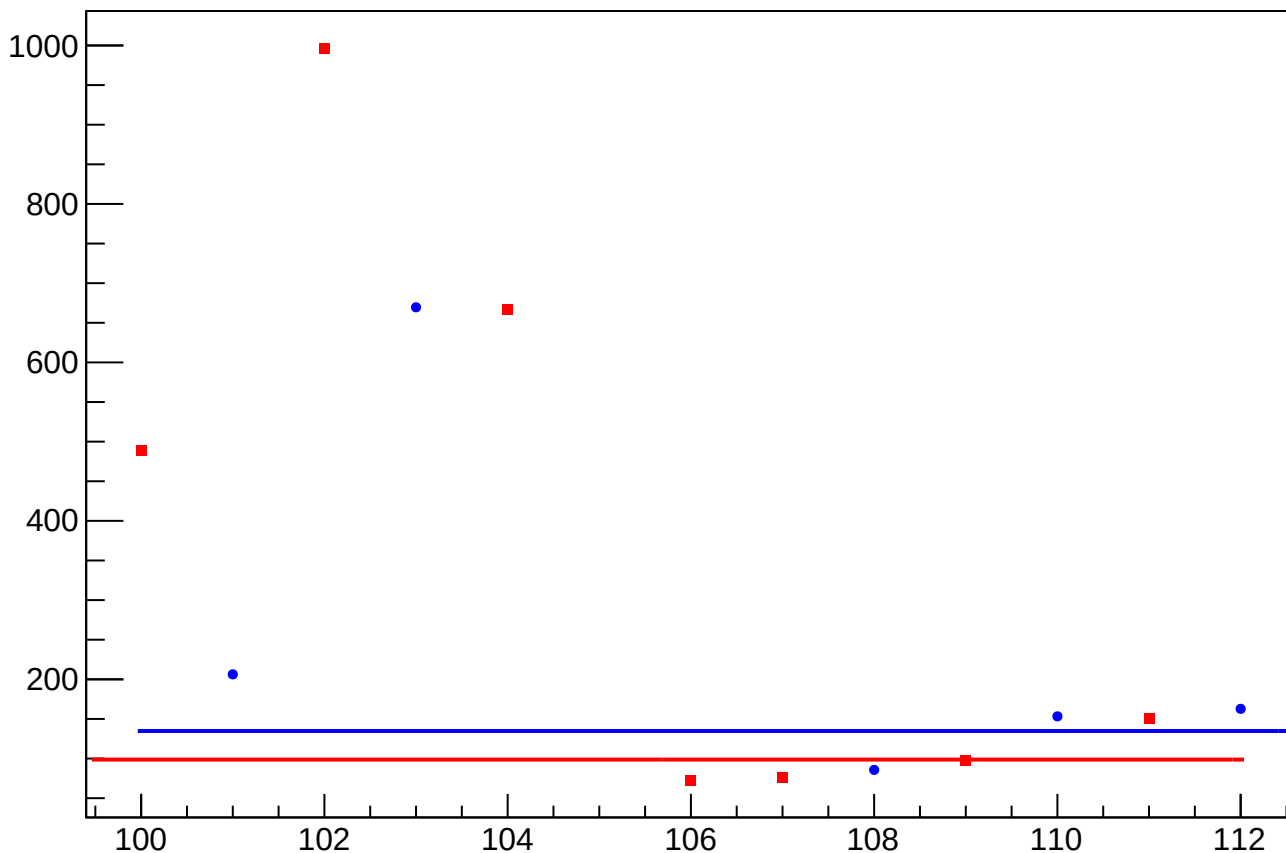
Right: -0.101+/-0.063 χ^2 /NDF: 10.6/11

In: -0.024+/-0.100 χ^2 /NDF:1.6/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.101+/-0.063 χ^2 /NDF: 10.6/11

asym_usr_atr2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 134.769+/-0.070 χ^2/NDF : 1189317.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.703+/-0.057 χ^2/NDF : 1680072.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

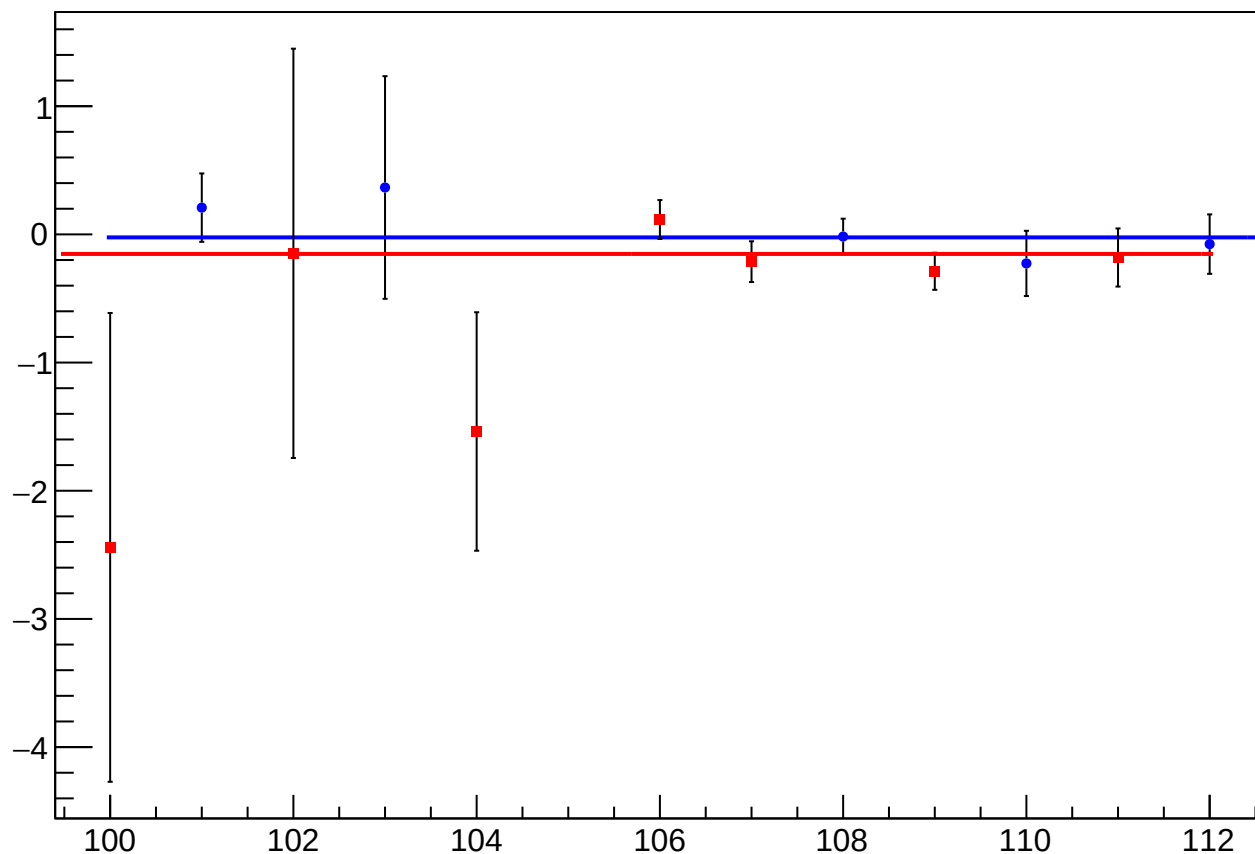
Right: 113.079+/-0.044 χ^2/NDF : 3027106.9/11

In: 134.769+/-0.070 χ^2/NDF : 1189317.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.079+/-0.044 χ^2/NDF : 3027106.9/11

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024 ± 0.100 χ^2/NDF : 1.6/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.153 ± 0.081 χ^2/NDF : 8.0/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

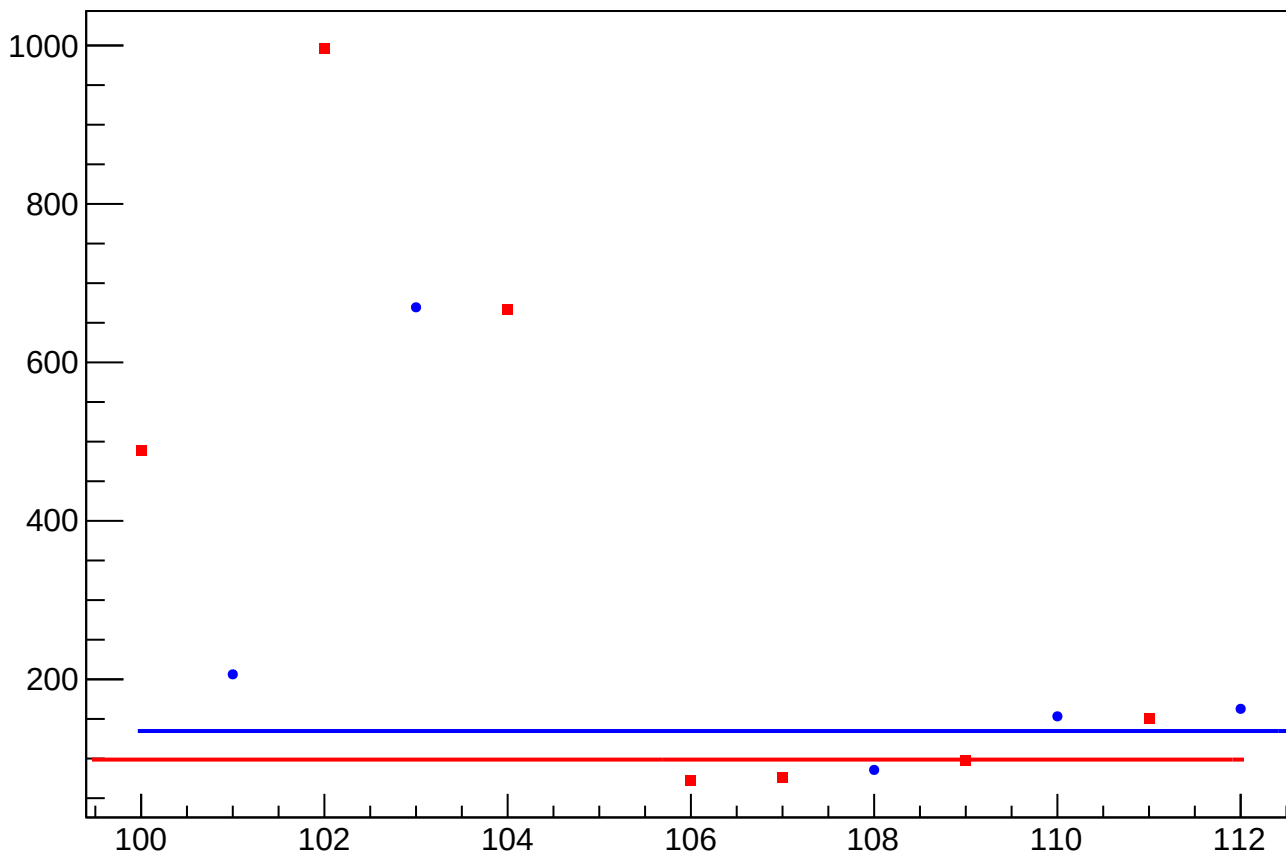
Right: -0.101 ± 0.063 χ^2/NDF : 10.6/11

In: -0.024 ± 0.100 χ^2/NDF : 1.6/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.101 ± 0.063 χ^2/NDF : 10.6/11

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 134.769+/-0.070 χ^2/NDF : 1189317.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.703+/-0.057 χ^2/NDF : 1680072.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

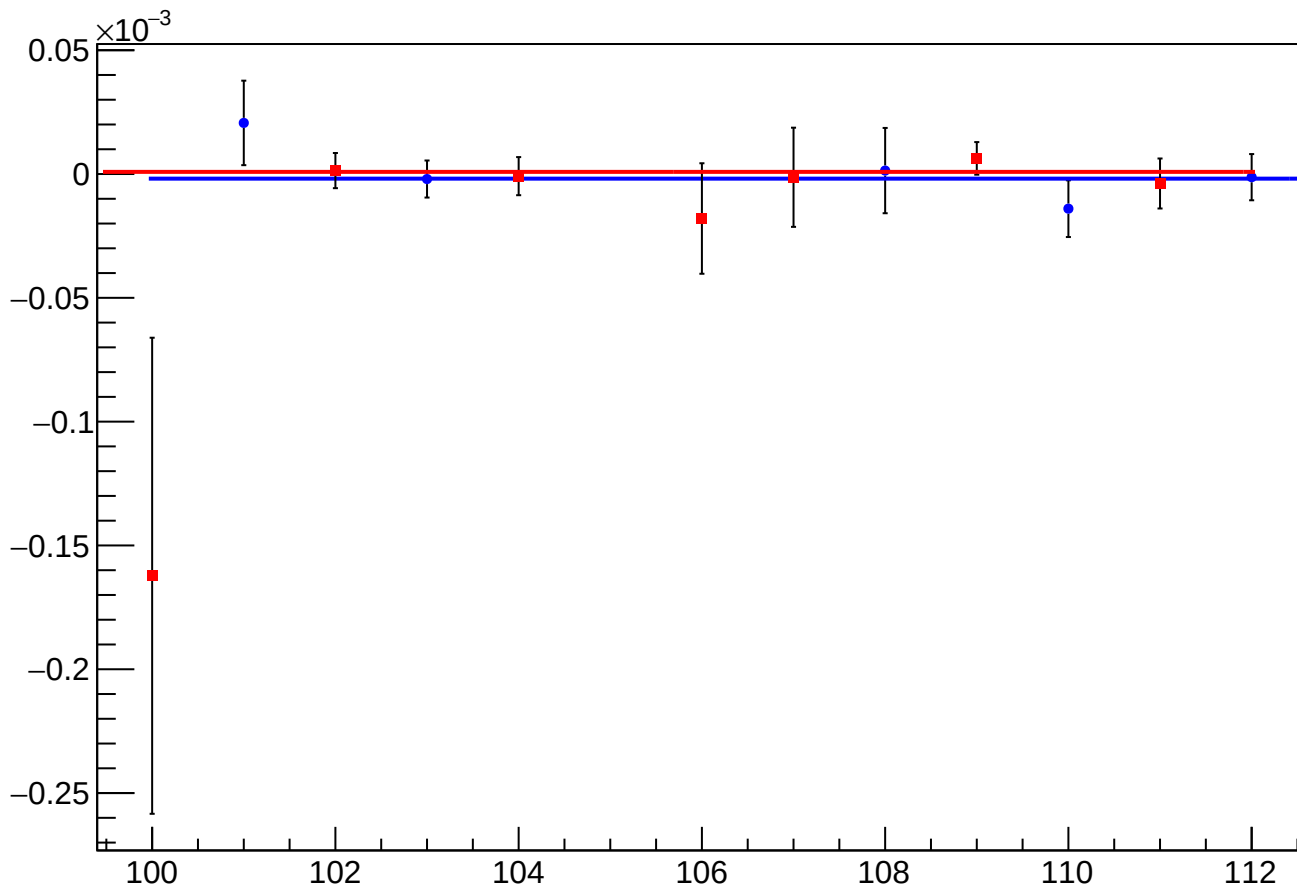
Right: 113.079+/-0.044 χ^2/NDF : 3027106.9/11

In: 134.769+/-0.070 χ^2/NDF : 1189317.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.079+/-0.044 χ^2/NDF : 3027106.9/11

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

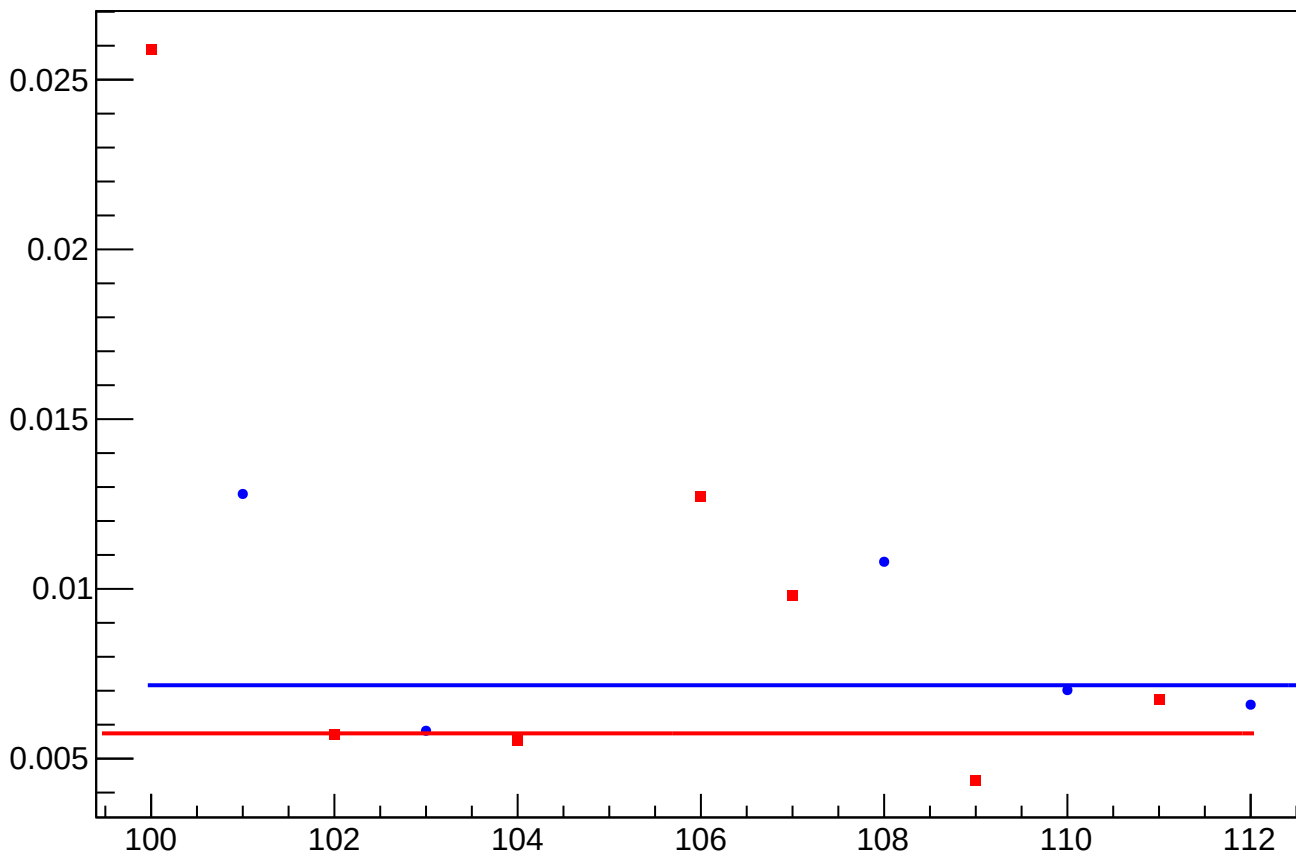
Right: -0.000+/-0.000 χ^2/NDF : 7.7/11

In: -0.000+/-0.000 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.7/11

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 379460.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 476730.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

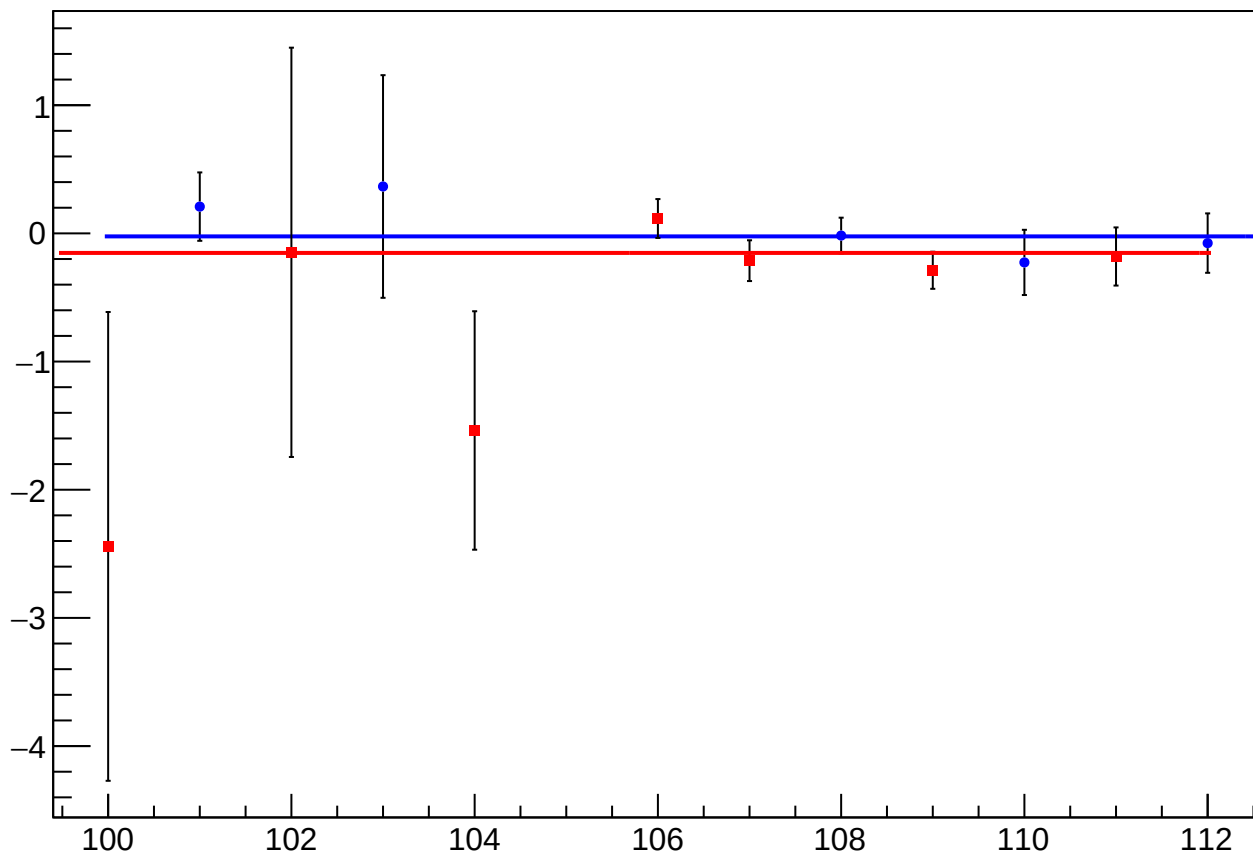
Right: 0.006+/-0.000 χ^2/NDF : 966856.4/11

In: 0.007+/-0.000 χ^2/NDF : 379460.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 966856.4/11

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024+/-0.100 χ^2/NDF : 1.6/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.153+/-0.081 χ^2/NDF : 8.0/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

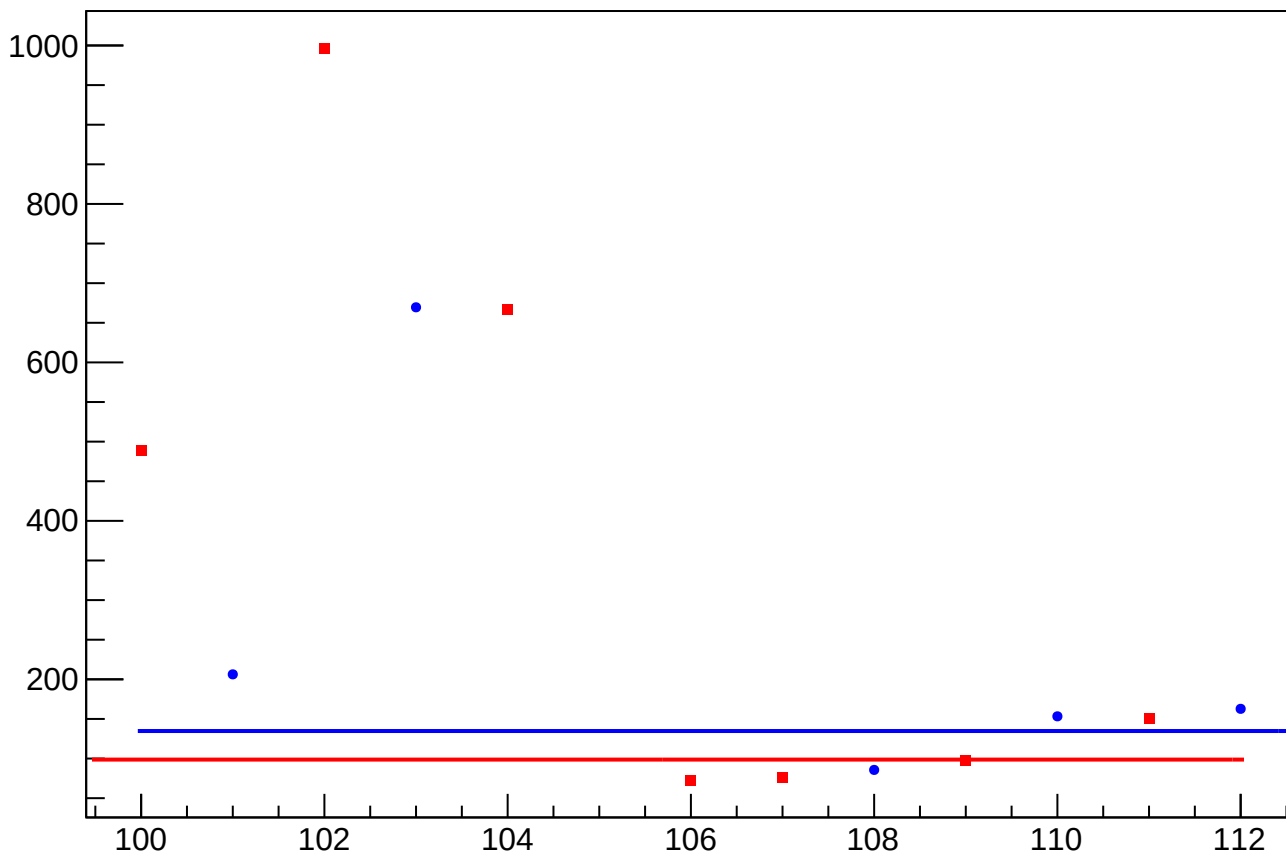
Right: -0.101+/-0.063 χ^2/NDF : 10.6/11

In: -0.024+/-0.100 χ^2/NDF :1.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.101+/-0.063 χ^2/NDF : 10.6/11

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 134.765 $\pm$ 0.070 χ^2 /NDF: 1189388.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 98.703 $\pm$ 0.057 χ^2 /NDF: 1680076.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

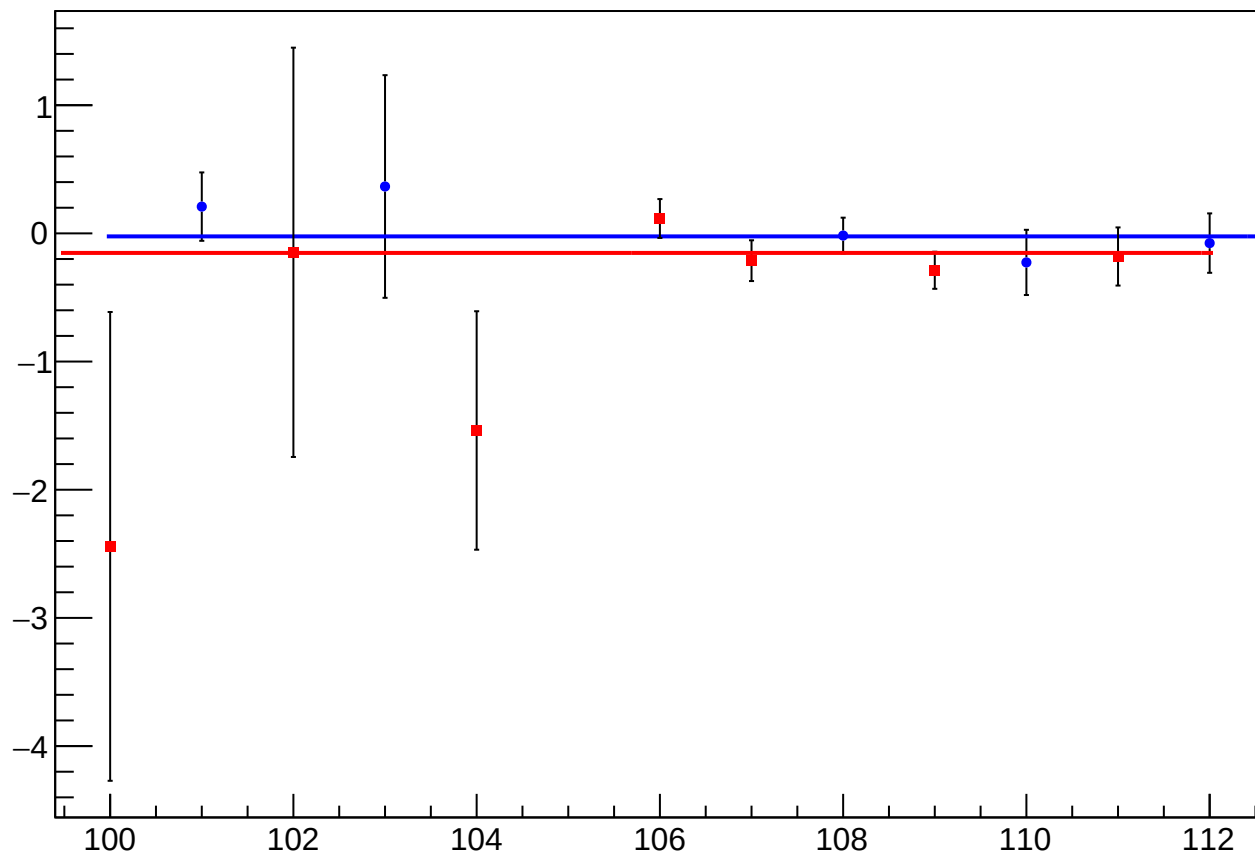
Right: 113.078 $\pm$ 0.044 χ^2 /NDF: 3027144.0/11

In: 134.765 $\pm$ 0.070 χ^2 /NDF:1189388.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 113.078 $\pm$ 0.044 χ^2 /NDF: 3027144.0/11

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024+/-0.100 χ^2/NDF : 1.6/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.153+/-0.081 χ^2/NDF : 8.0/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

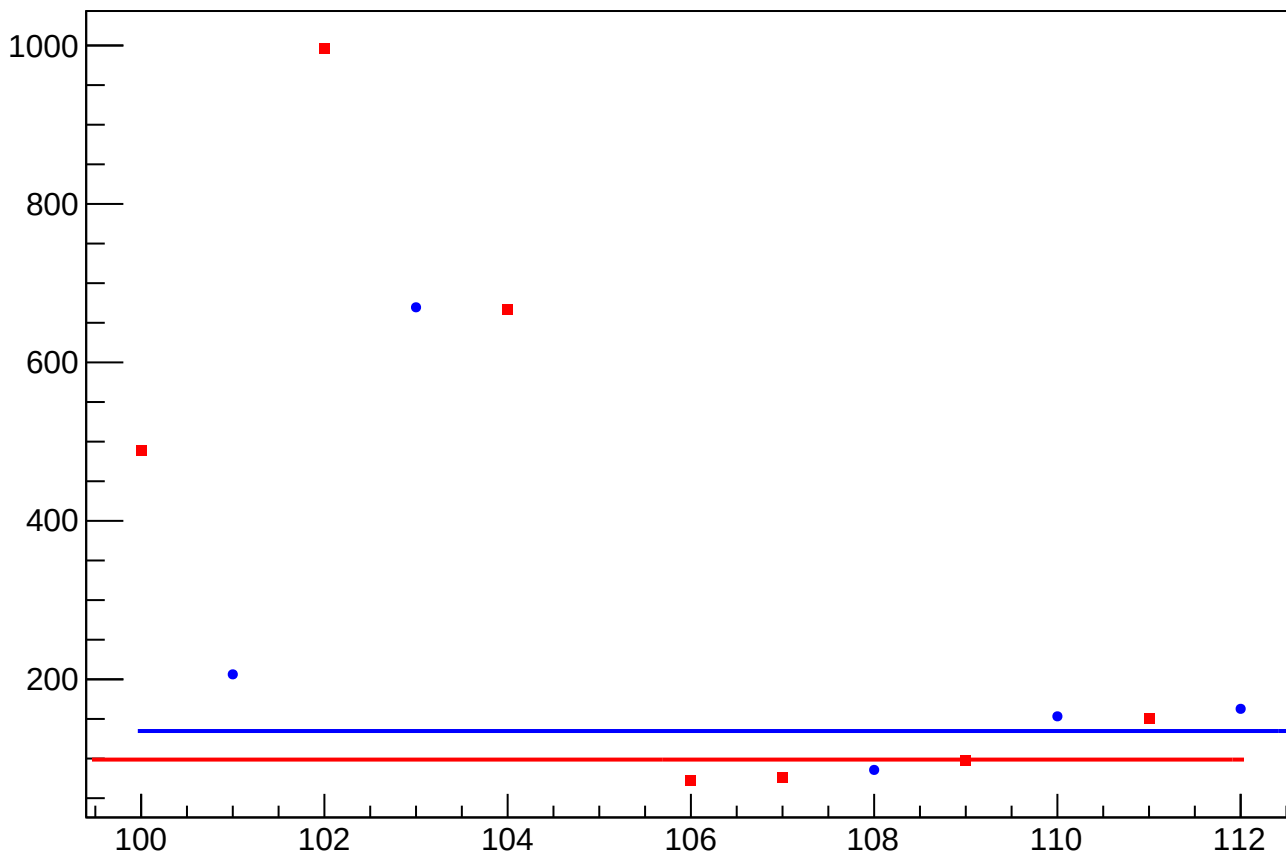
Right: -0.101+/-0.063 χ^2/NDF : 10.6/11

In: -0.024+/-0.100 χ^2/NDF :1.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.101+/-0.063 χ^2/NDF : 10.6/11

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 134.765+/-0.070 χ^2/NDF : 1189388.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.703+/-0.057 χ^2/NDF : 1680076.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

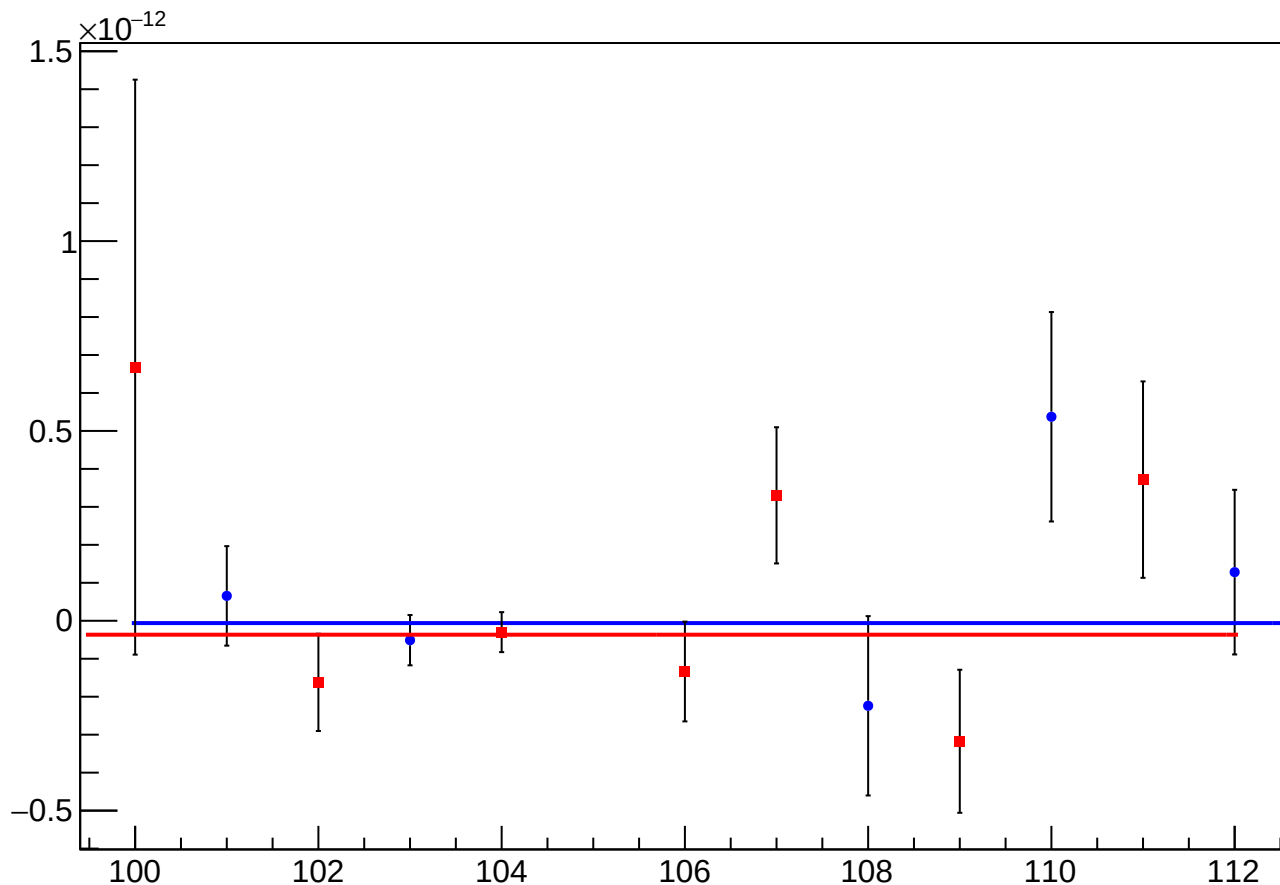
Right: 113.078+/-0.044 χ^2/NDF : 3027144.0/11

In: 134.765+/-0.070 χ^2/NDF : 1189388.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.078+/-0.044 χ^2/NDF : 3027144.0/11

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

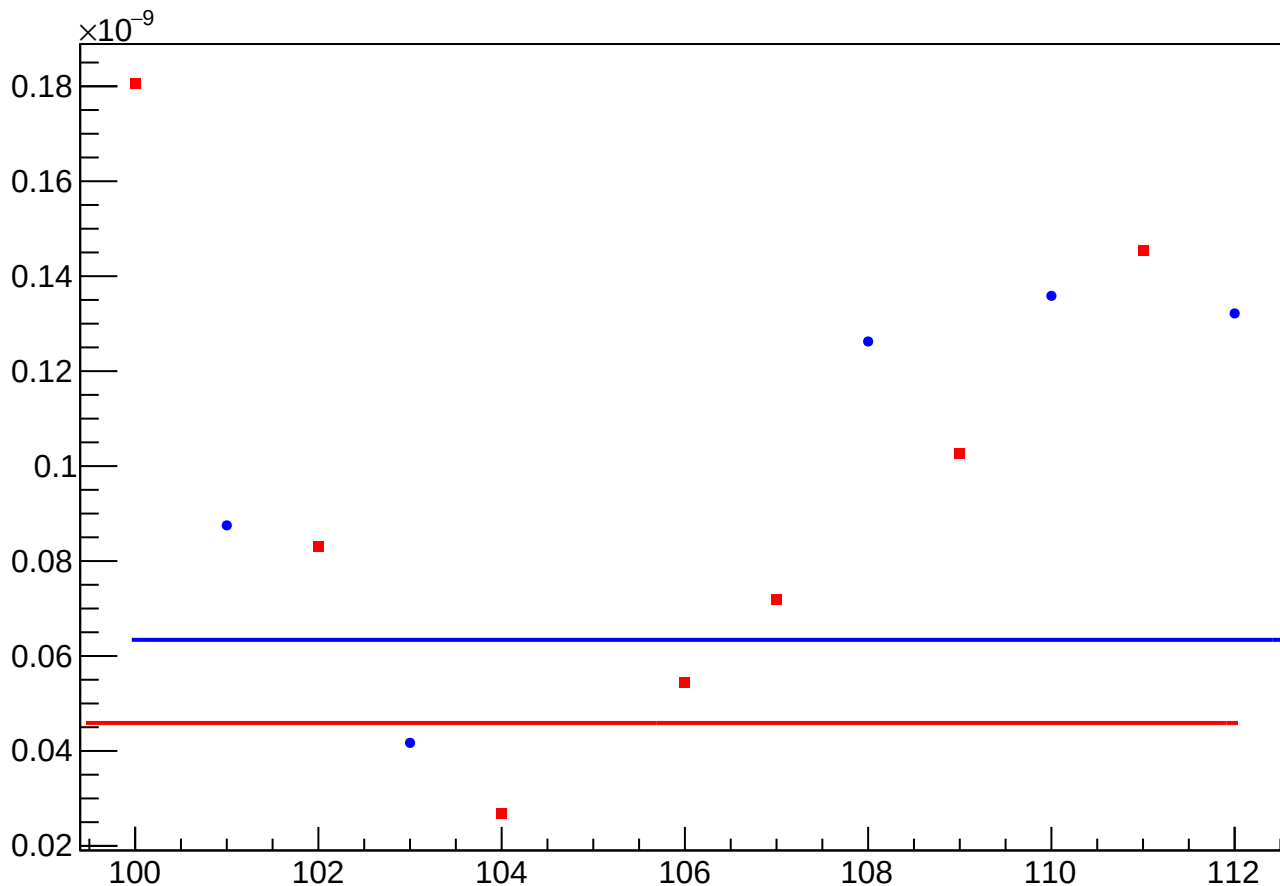
Right: -0.000+/-0.000 χ^2/NDF : 17.4/11

In: -0.000+/-0.000 χ^2/NDF : 5.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.4/11

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 763136.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1023676.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

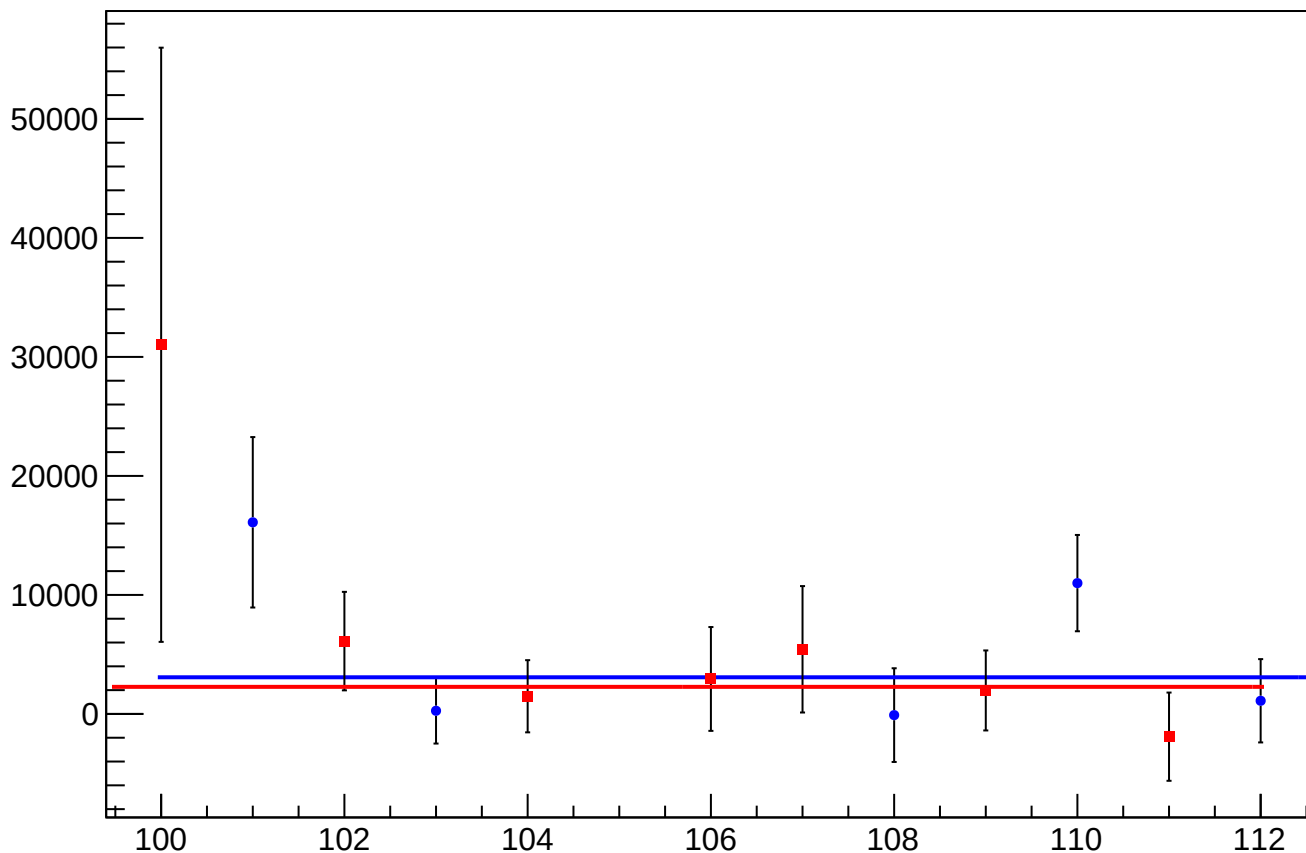
Right: 0.000+/-0.000 χ^2/NDF : 1915774.7/11

In: 0.000+/-0.000 χ^2/NDF : 763136.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1915774.7/11

reg_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3079.605+/-1670.077 χ^2/NDF : 9.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2275.226+/-1546.707 χ^2/NDF : 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

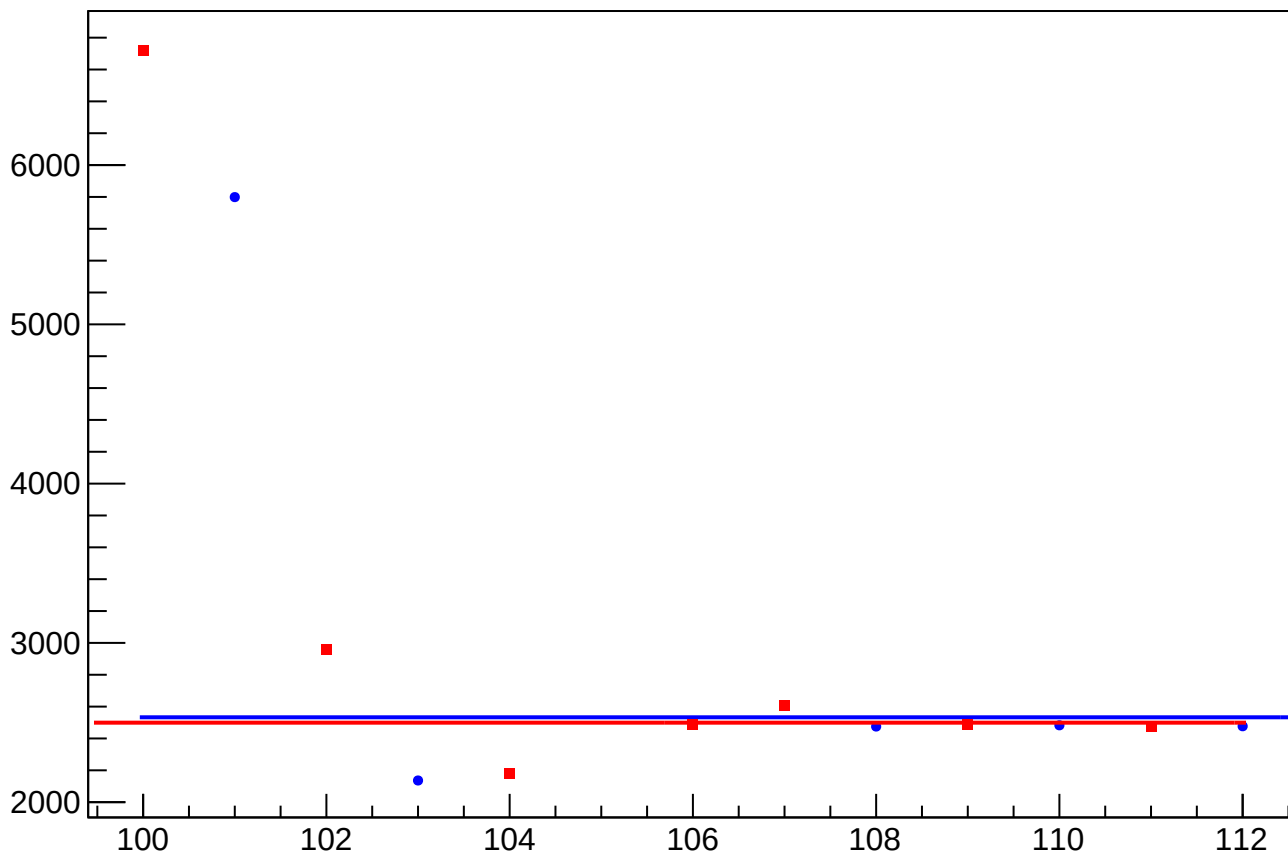
Right: 2646.611+/-1134.798 χ^2/NDF : 13.2/11

In: 3079.605+/-1670.077 χ^2/NDF : 9.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2646.611+/-1134.798 χ^2/NDF : 13.2/11

reg_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2532.898 $\pm$ 1.181 χ^2 /NDF: 458784.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2499.158 $\pm$ 1.094 χ^2 /NDF: 104748.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

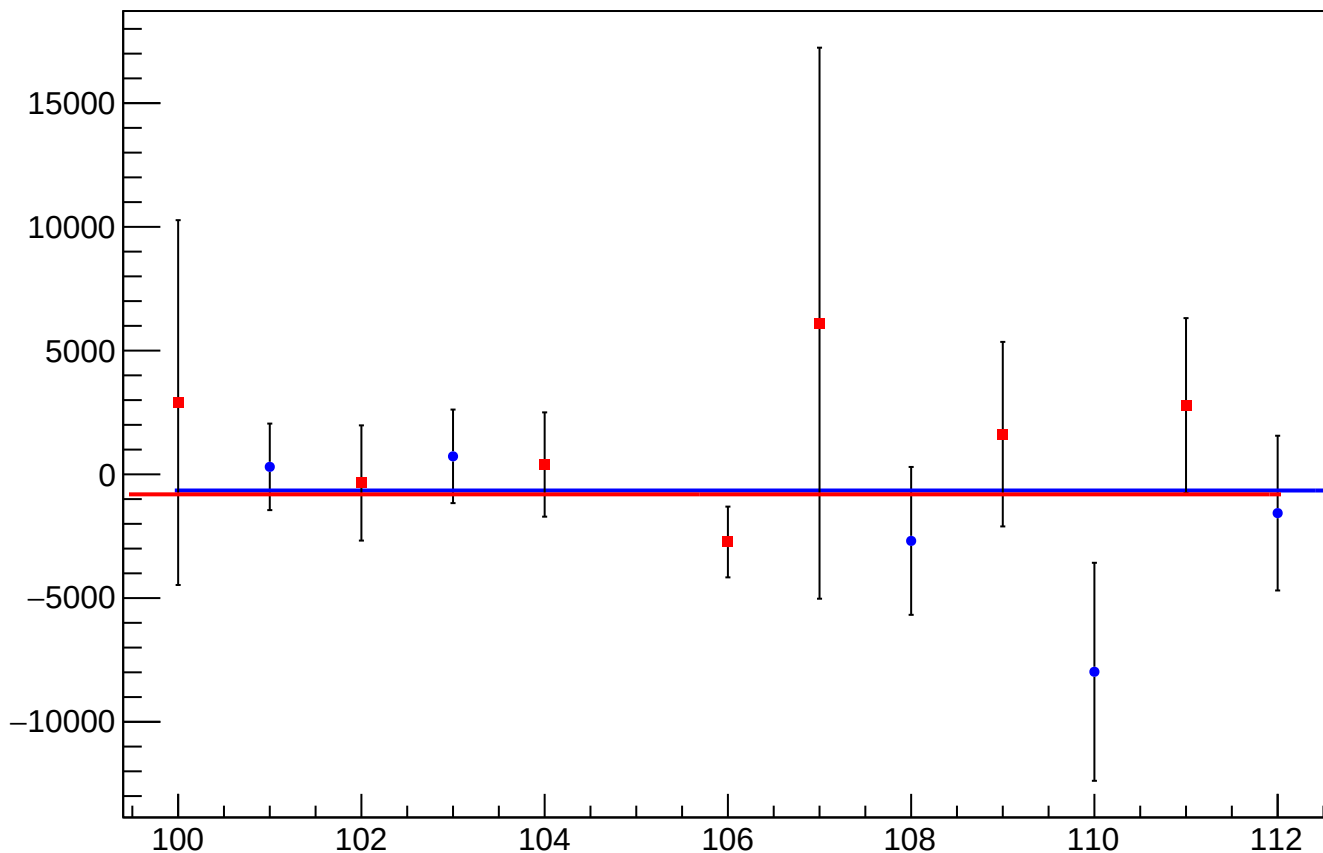
Right: 2514.736 $\pm$ 0.802 χ^2 /NDF: 563972.6/11

In: 2532.898 $\pm$ 1.181 χ^2 /NDF: 458784.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2514.736 $\pm$ 0.802 χ^2 /NDF: 563972.6/11

asym_us_avg_at1lr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -652.853+/-1070.221 χ^2/NDF : 4.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -807.971+/-963.307 χ^2/NDF : 4.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

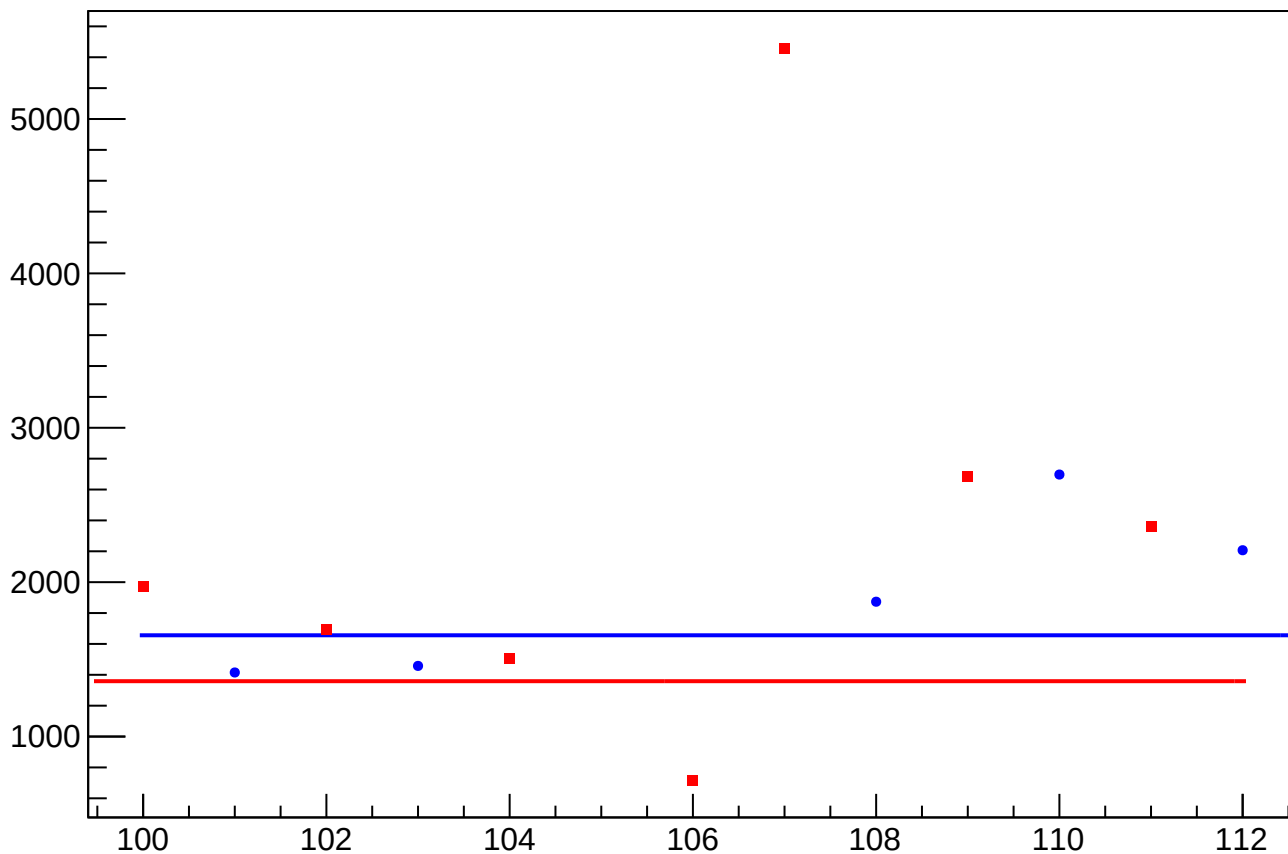
Right: -738.545+/-715.985 χ^2/NDF : 8.4/11

In: -652.853+/-1070.221 χ^2/NDF : 4.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -738.545+/-715.985 χ^2/NDF : 8.4/11

asym_us_avg_at1lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1655.975+/-0.757 χ^2/NDF : 244466.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1358.625+/-0.681 χ^2/NDF : 1156492.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

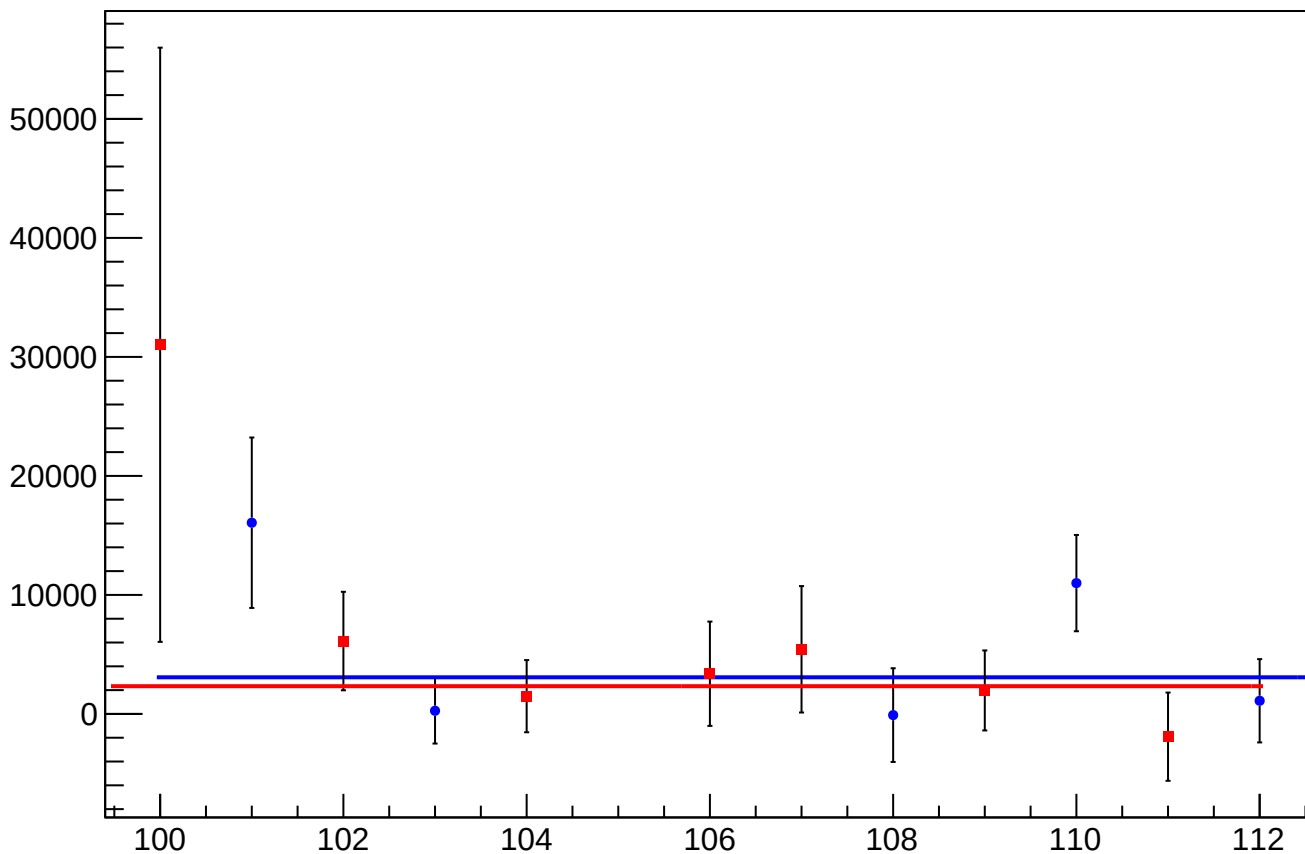
Right: 1491.710+/-0.506 χ^2/NDF : 1486248.6/11

In: 1655.975+/-0.757 χ^2/NDF : 244466.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1491.710+/-0.506 χ^2/NDF : 1486248.6/11

cor_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3077.525+/-1670.078 χ^2/NDF : 9.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2331.076+/-1547.549 χ^2/NDF : 4.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

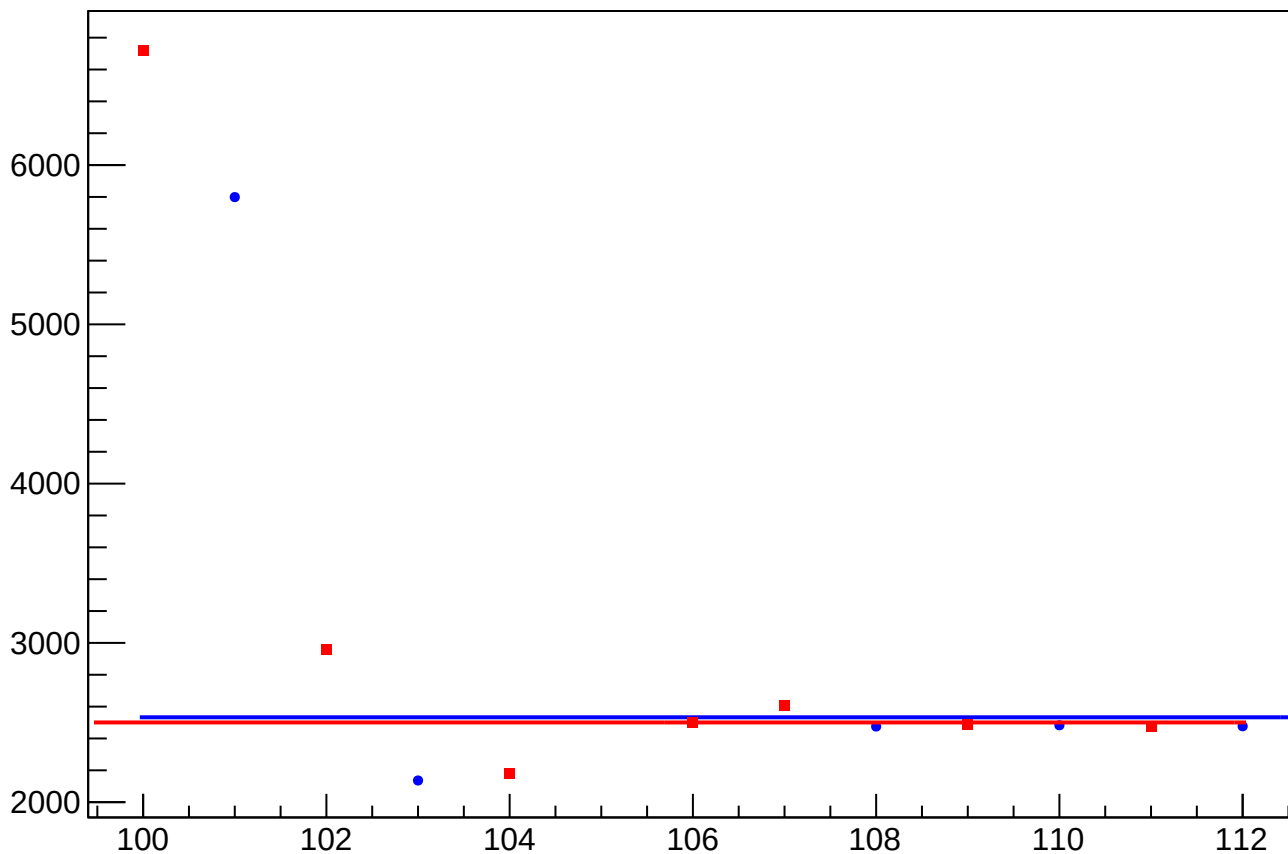
Right: 2675.916+/-1135.131 χ^2/NDF : 13.2/11

In: 3077.525+/-1670.078 χ^2/NDF : 9.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2675.916+/-1135.131 χ^2/NDF : 13.2/11

cor_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2532.898+/-1.181 χ^2/NDF : 458785.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2500.507+/-1.094 χ^2/NDF : 104738.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

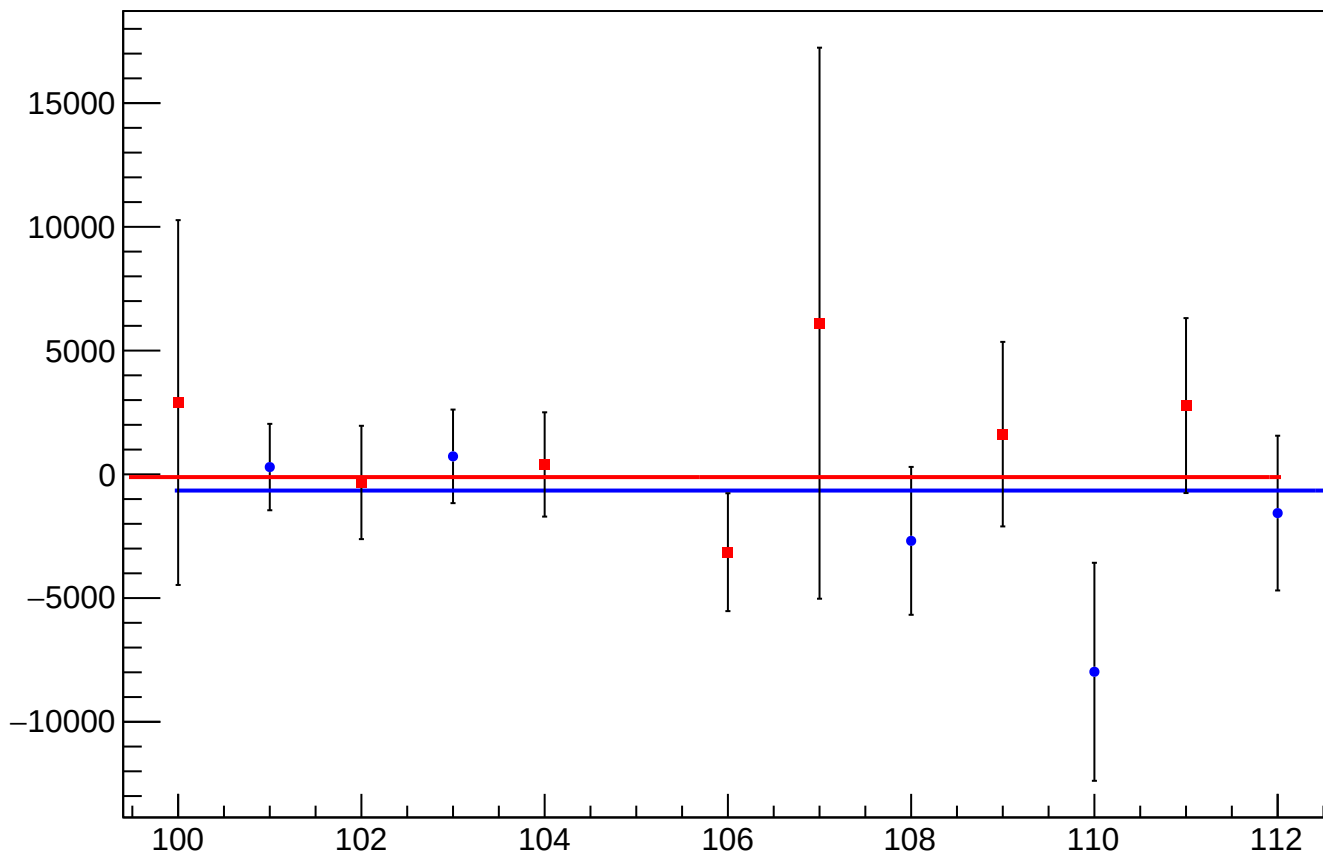
Right: 2515.471+/-0.803 χ^2/NDF : 563928.7/11

In: 2532.898+/-1.181 χ^2/NDF : 458785.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2515.471+/-0.803 χ^2/NDF : 563928.7/11

asym_us_avg_at1lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -655.555+/-1069.661 χ^2/NDF : 4.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -111.382+/-1138.960 χ^2/NDF : 3.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

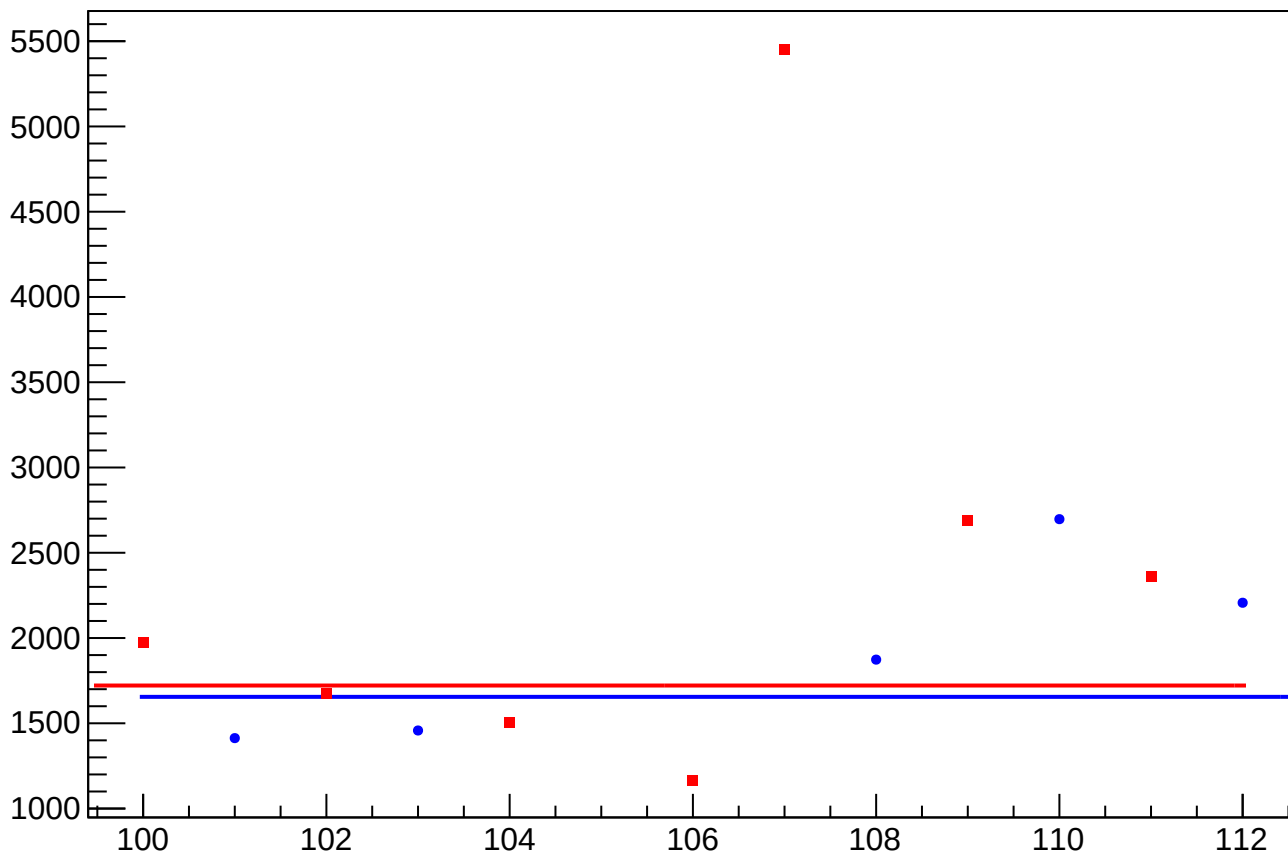
Right: -400.526+/-779.713 χ^2/NDF : 7.3/11

In: -655.555+/-1069.661 χ^2/NDF : 4.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -400.526+/-779.713 χ^2/NDF : 7.3/11

asym_us_avg_at1lr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1655.013+/-0.756 χ^2/NDF : 245174.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1721.470+/-0.805 χ^2/NDF : 557685.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

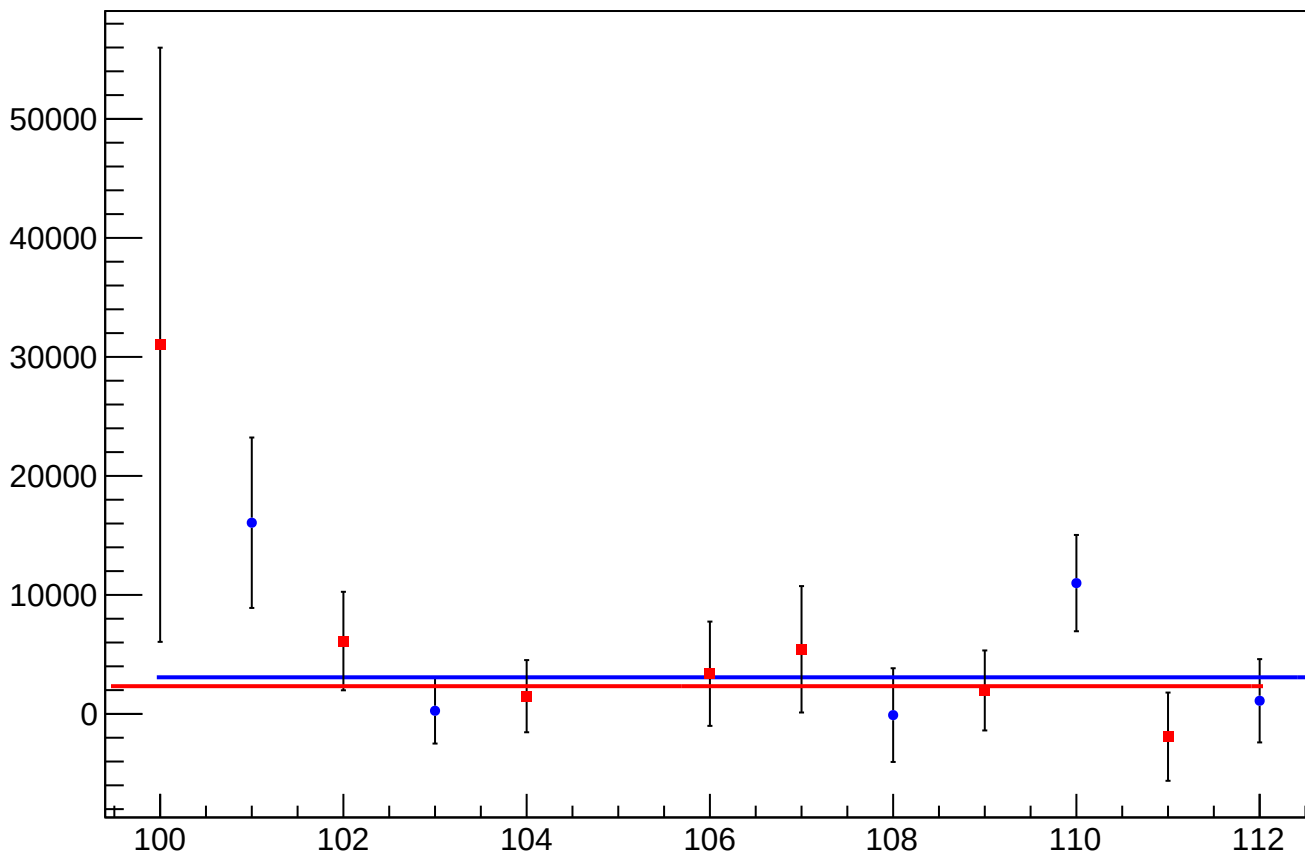
Right: 1686.158+/-0.551 χ^2/NDF : 806477.4/11

In: 1655.013+/-0.756 χ^2/NDF : 245174.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1686.158+/-0.551 χ^2/NDF : 806477.4/11

eigen_cor_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3077.525+/-1670.078 χ^2/NDF : 9.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2331.076+/-1547.549 χ^2/NDF : 4.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

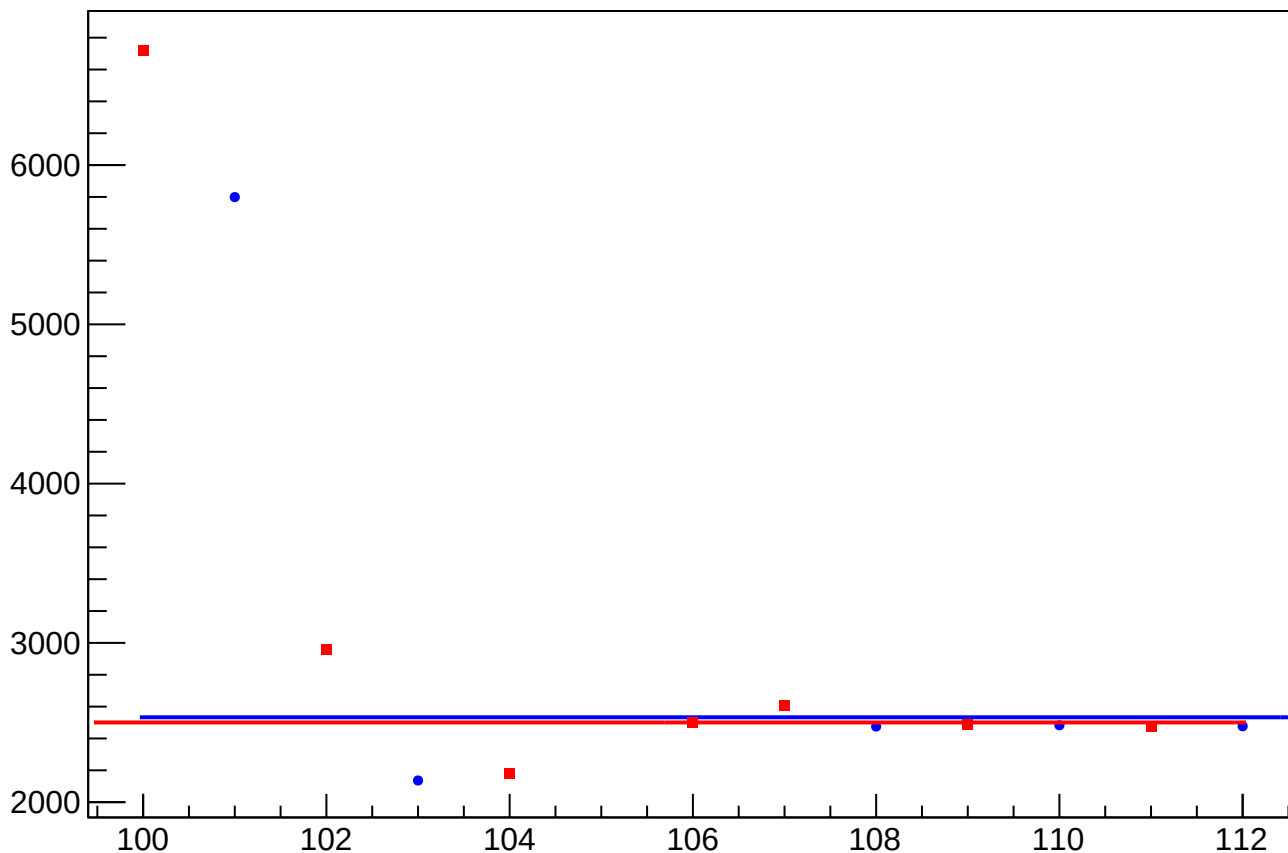
Right: 2675.916+/-1135.131 χ^2/NDF : 13.2/11

In: 3077.525+/-1670.078 χ^2/NDF : 9.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2675.916+/-1135.131 χ^2/NDF : 13.2/11

eigen_cor_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2532.898+/-1.181 χ^2 /NDF: 458785.0/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2500.507+/-1.094 χ^2 /NDF: 104738.9/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

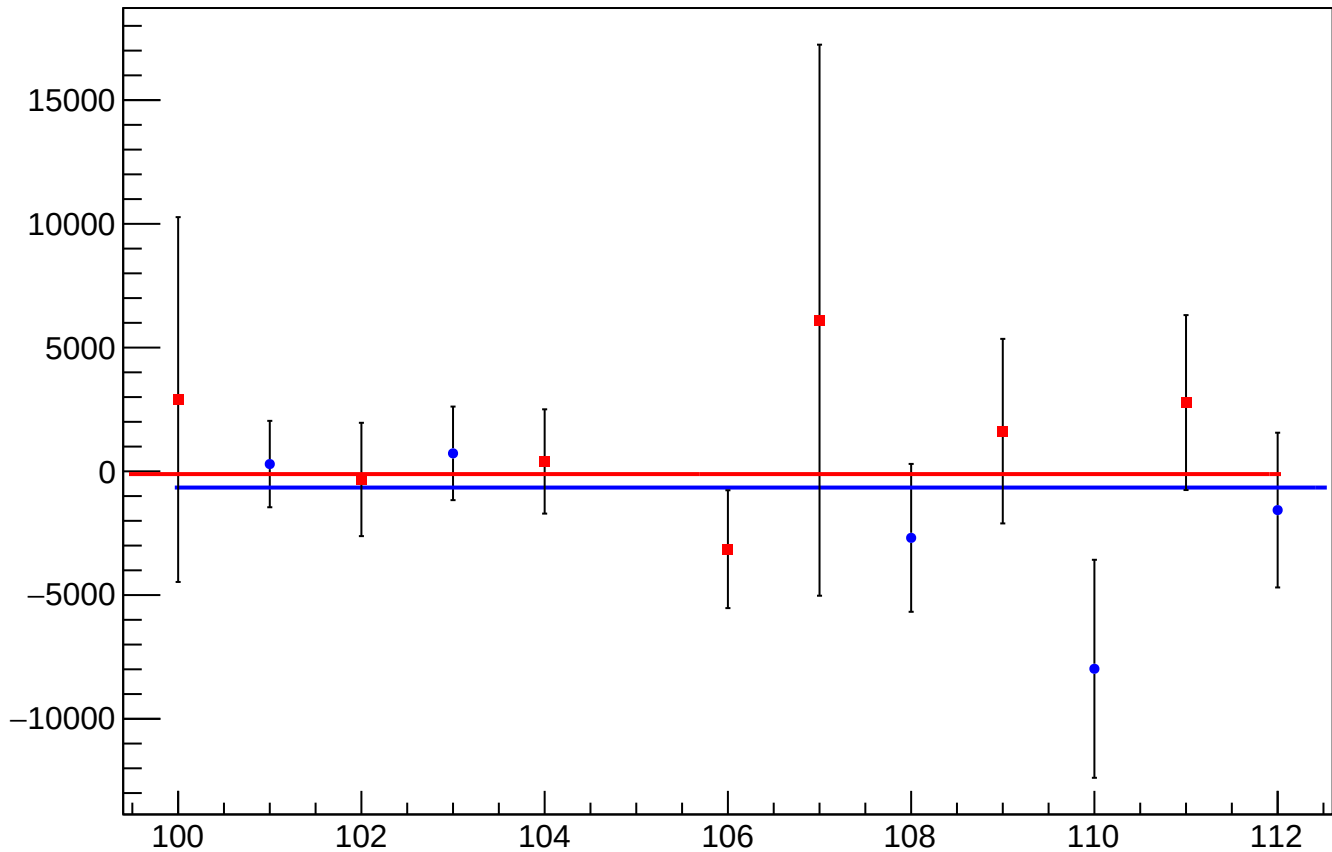
Right: 2515.471+/-0.803 χ^2 /NDF: 563928.7/11

In: 2532.898+/-1.181 χ^2 /NDF:458785.0/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2515.471+/-0.803 χ^2 /NDF: 563928.7/11

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -655.555+/-1069.661 χ^2/NDF : 4.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -111.382+/-1138.960 χ^2/NDF : 3.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

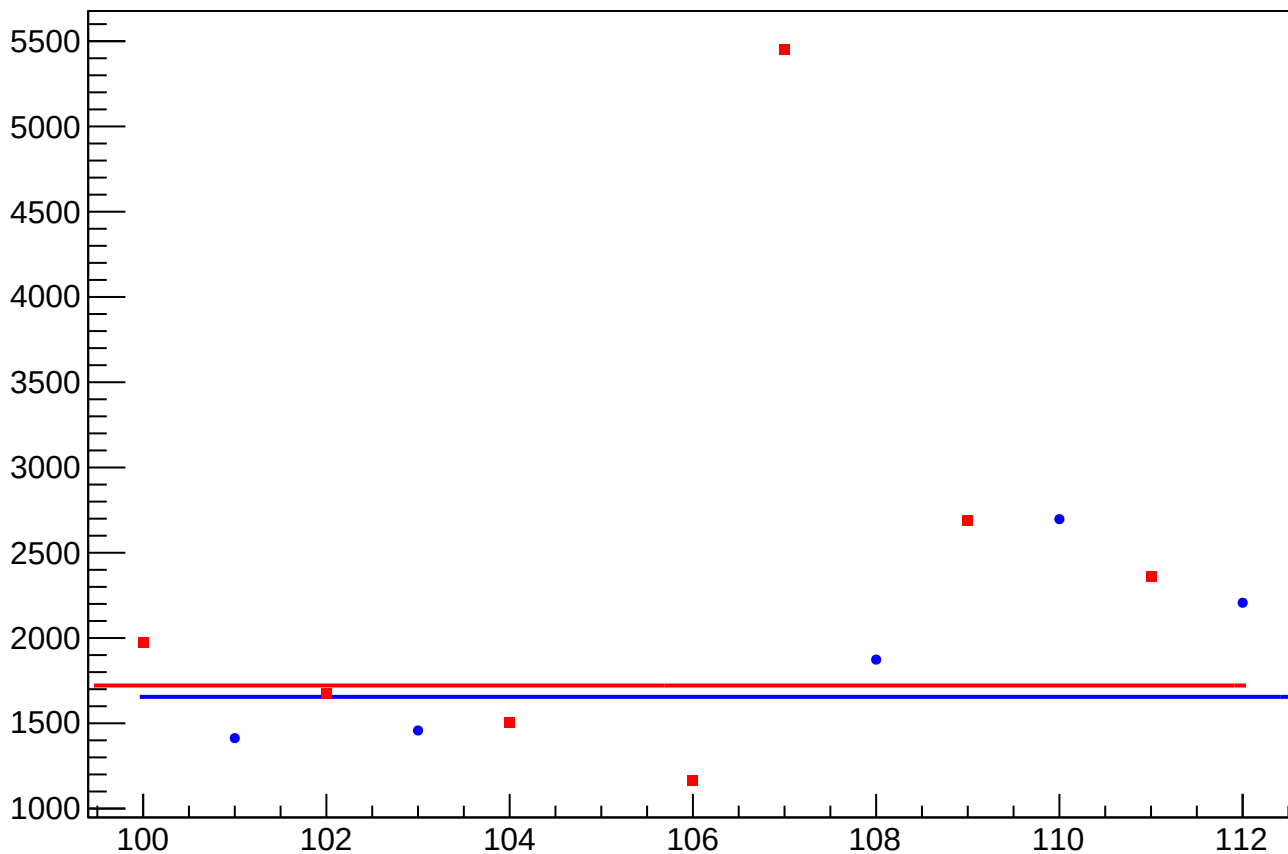
Right: -400.526+/-779.713 χ^2/NDF : 7.3/11

In: -655.555+/-1069.661 χ^2/NDF : 4.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -400.526+/-779.713 χ^2/NDF : 7.3/11

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1655.013+/-0.756 χ^2/NDF : 245174.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1721.470+/-0.805 χ^2/NDF : 557685.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

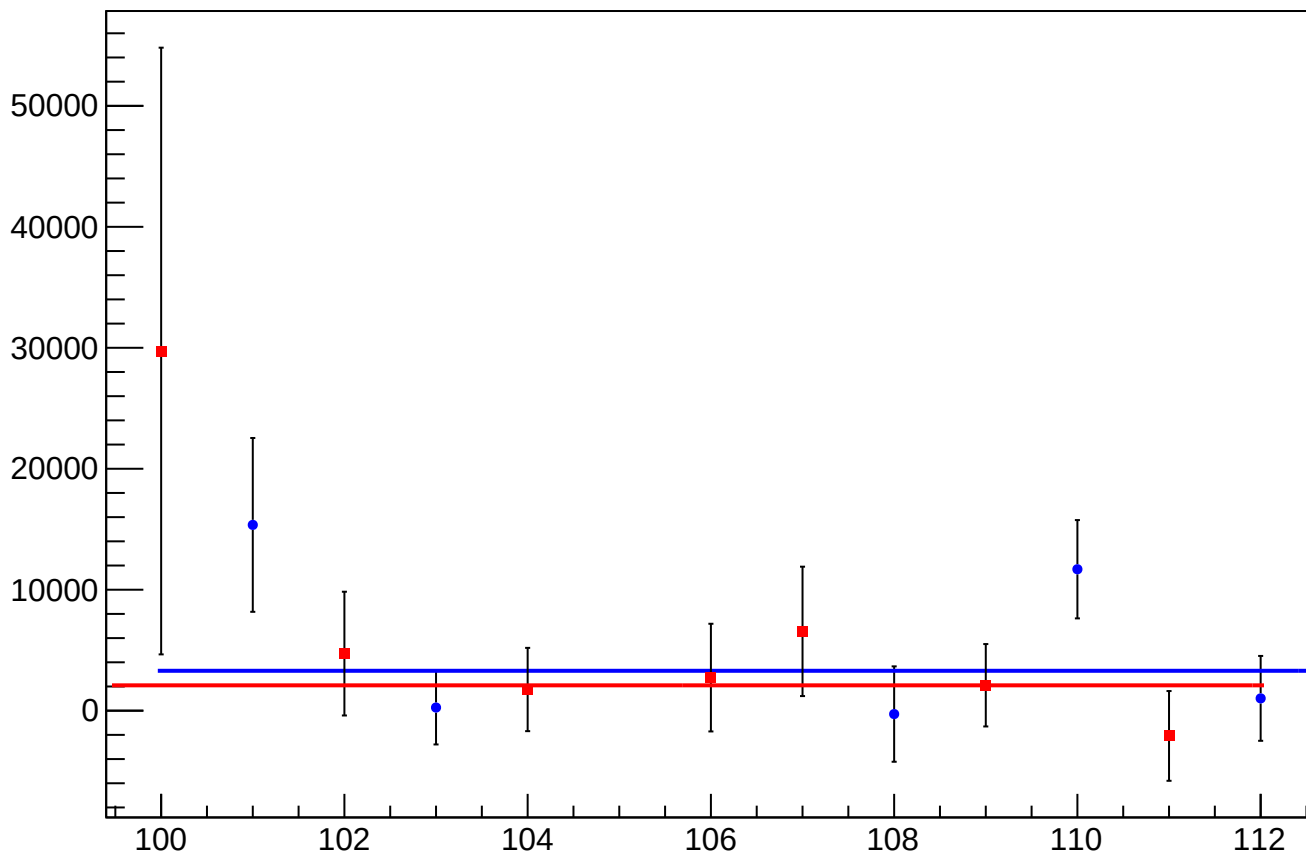
Right: 1686.158+/-0.551 χ^2/NDF : 806477.4/11

In: 1655.013+/-0.756 χ^2/NDF : 245174.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1686.158+/-0.551 χ^2/NDF : 806477.4/11

dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3298.000+/-1732.983 χ^2/NDF : 9.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2095.637+/-1647.376 χ^2/NDF : 3.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

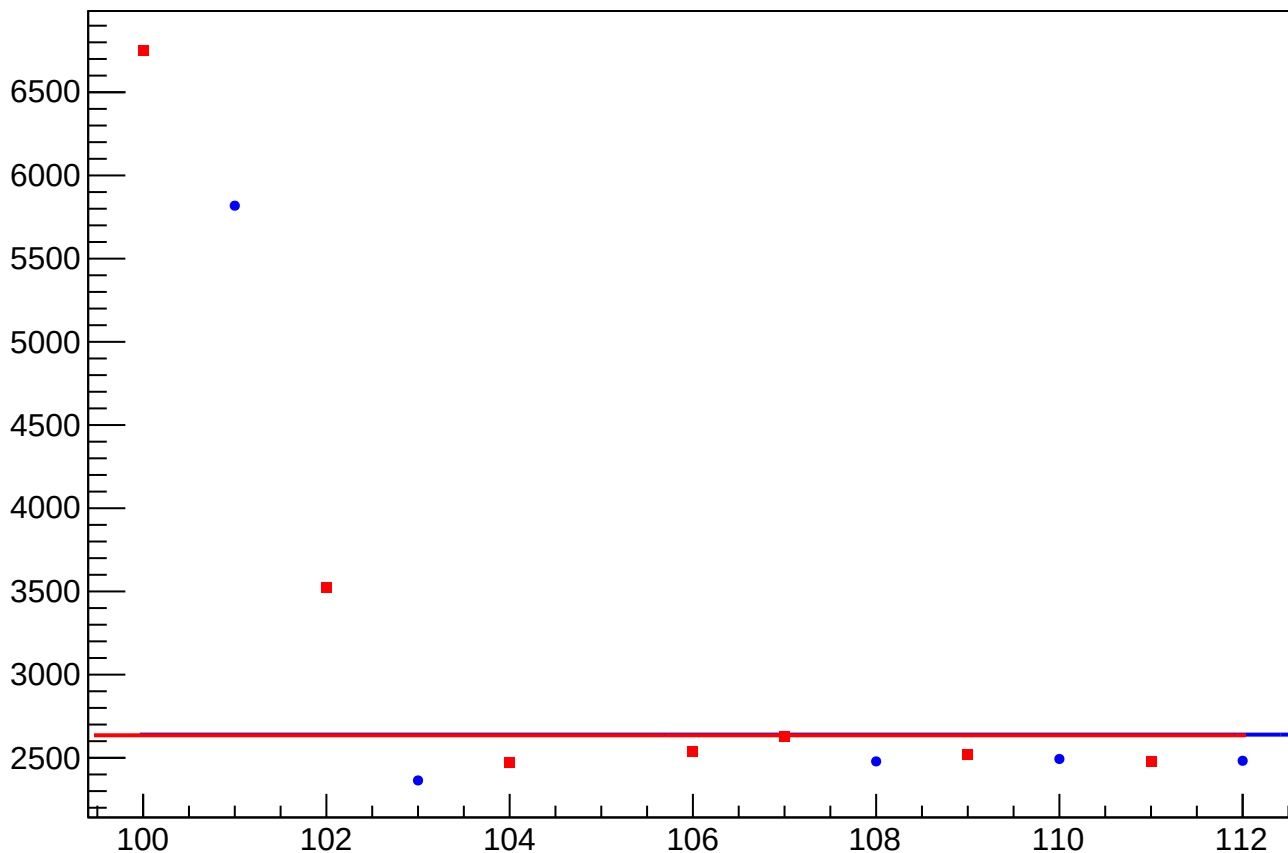
Right: 2666.388+/-1193.988 χ^2/NDF : 13.1/11

In: 3298.000+/-1732.983 χ^2/NDF : 9.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2666.388+/-1193.988 χ^2/NDF : 13.1/11

dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2639.473+/-1.225 χ^2/NDF : 417669.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2635.557+/-1.165 χ^2/NDF : 125091.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

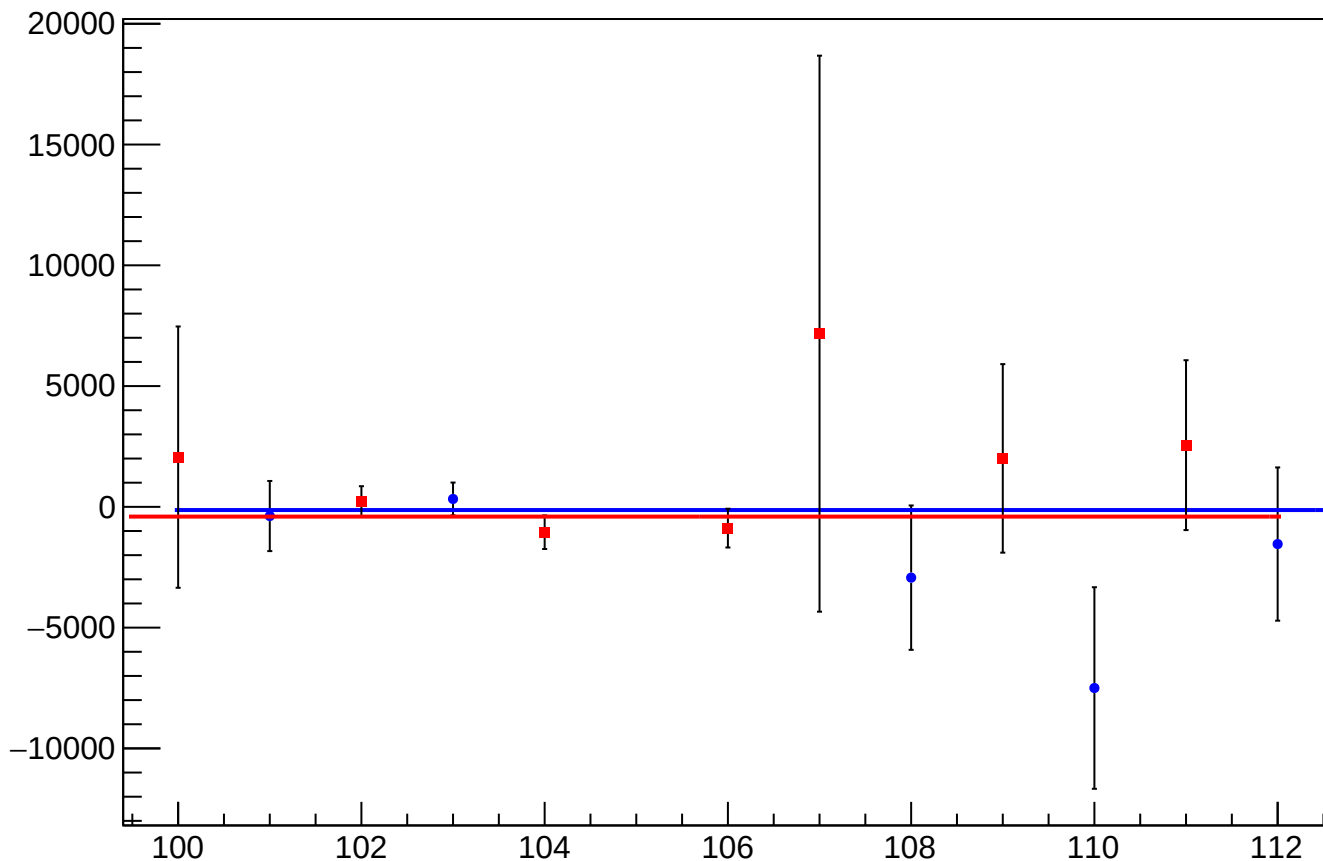
Right: 2637.416+/-0.844 χ^2/NDF : 542766.2/11

In: 2639.473+/-1.225 χ^2/NDF : 417669.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2637.416+/-0.844 χ^2/NDF : 542766.2/11

asym_us_avg_at1lr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -132.172+/-586.246 χ^2 /NDF: 4.7/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -403.535+/-399.039 χ^2 /NDF: 3.9/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

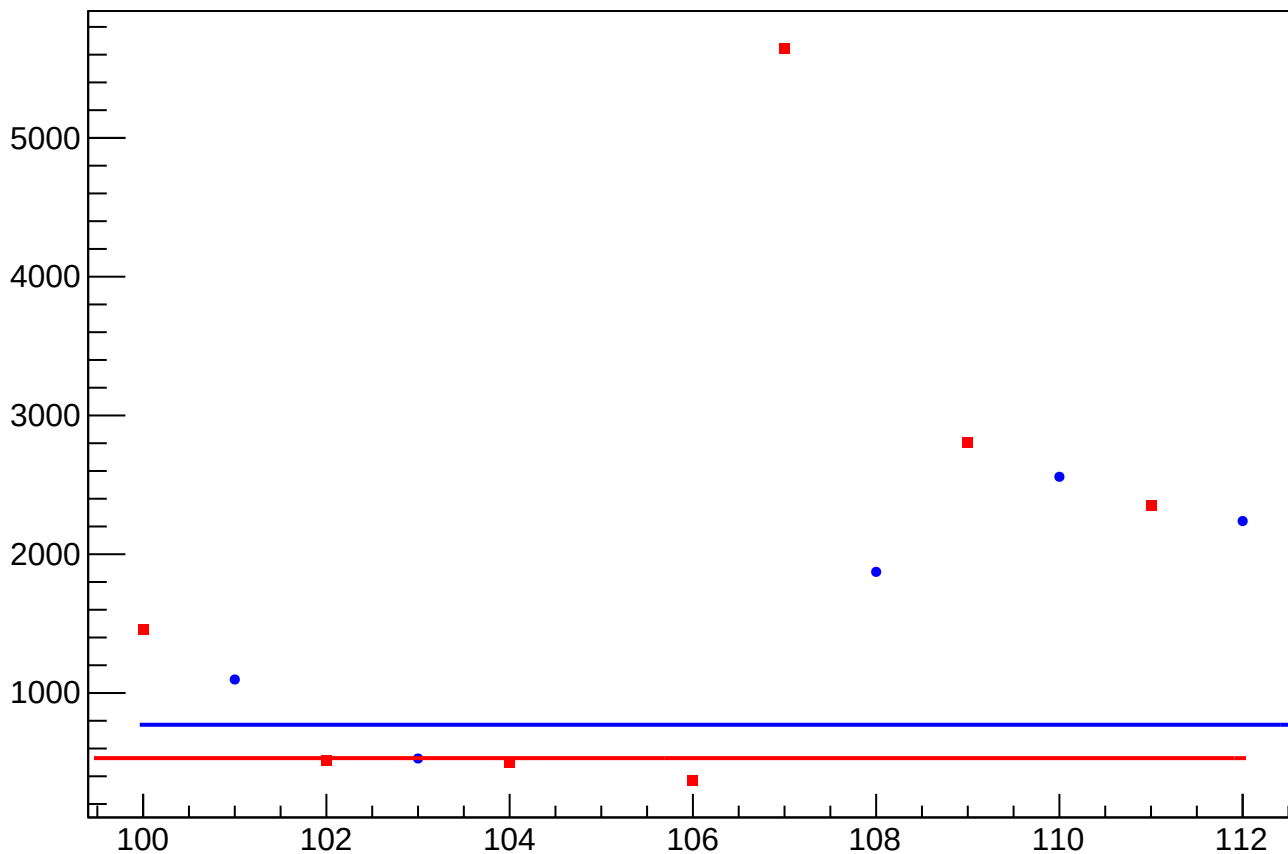
Right: -317.617+/-329.873 χ^2 /NDF: 8.7/11

In: -132.172+/-586.246 χ^2 /NDF:4.7/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -317.617+/-329.873 χ^2 /NDF: 8.7/11

asym_us_avg_at1lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 771.241+/-0.415 χ^2/NDF : 1424031.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 530.695+/-0.282 χ^2/NDF : 1754480.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

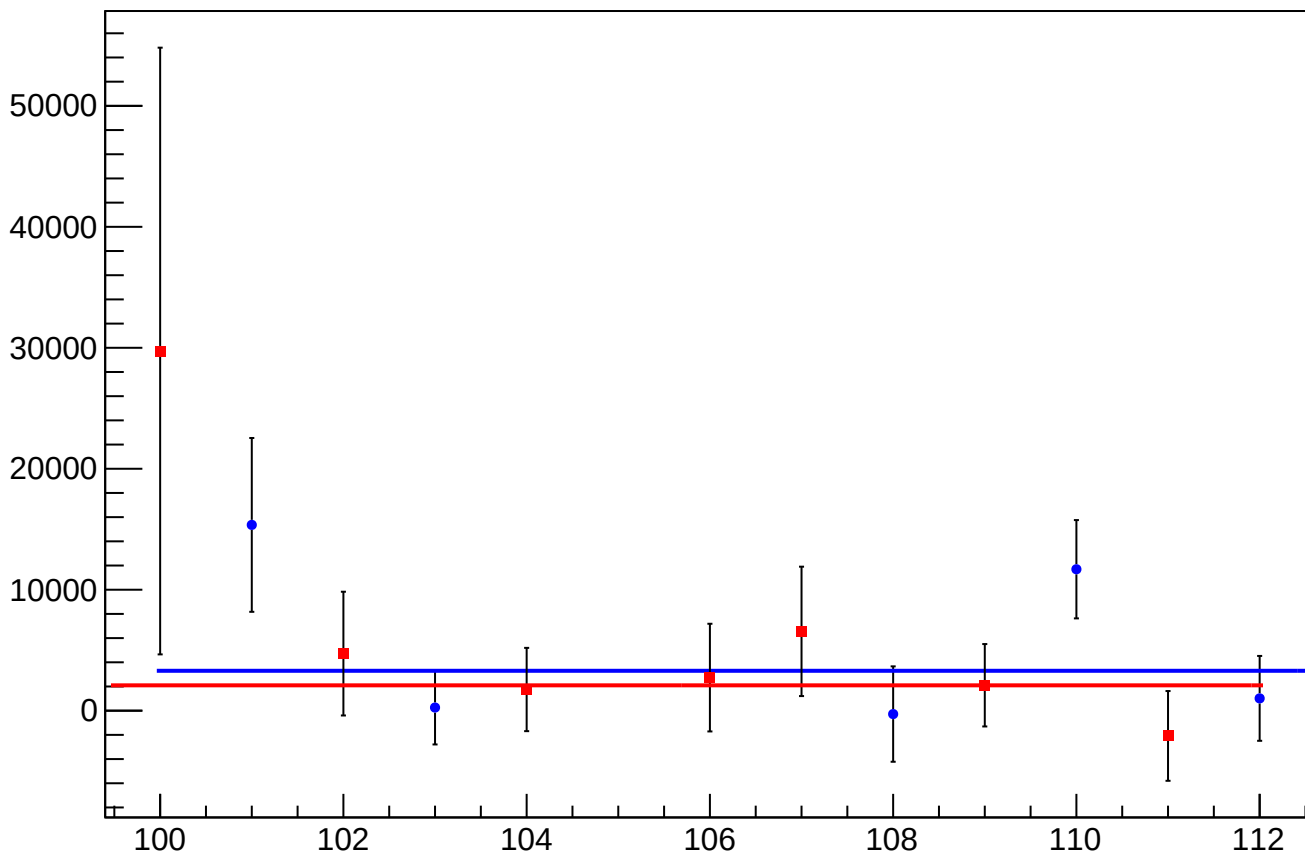
Right: 606.856+/-0.233 χ^2/NDF : 3408618.1/11

In: 771.241+/-0.415 χ^2/NDF : 1424031.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 606.856+/-0.233 χ^2/NDF : 3408618.1/11

eigen_dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3297.997 $\pm$ 1732.982 χ^2 /NDF: 9.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2095.626 $\pm$ 1647.375 χ^2 /NDF: 3.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

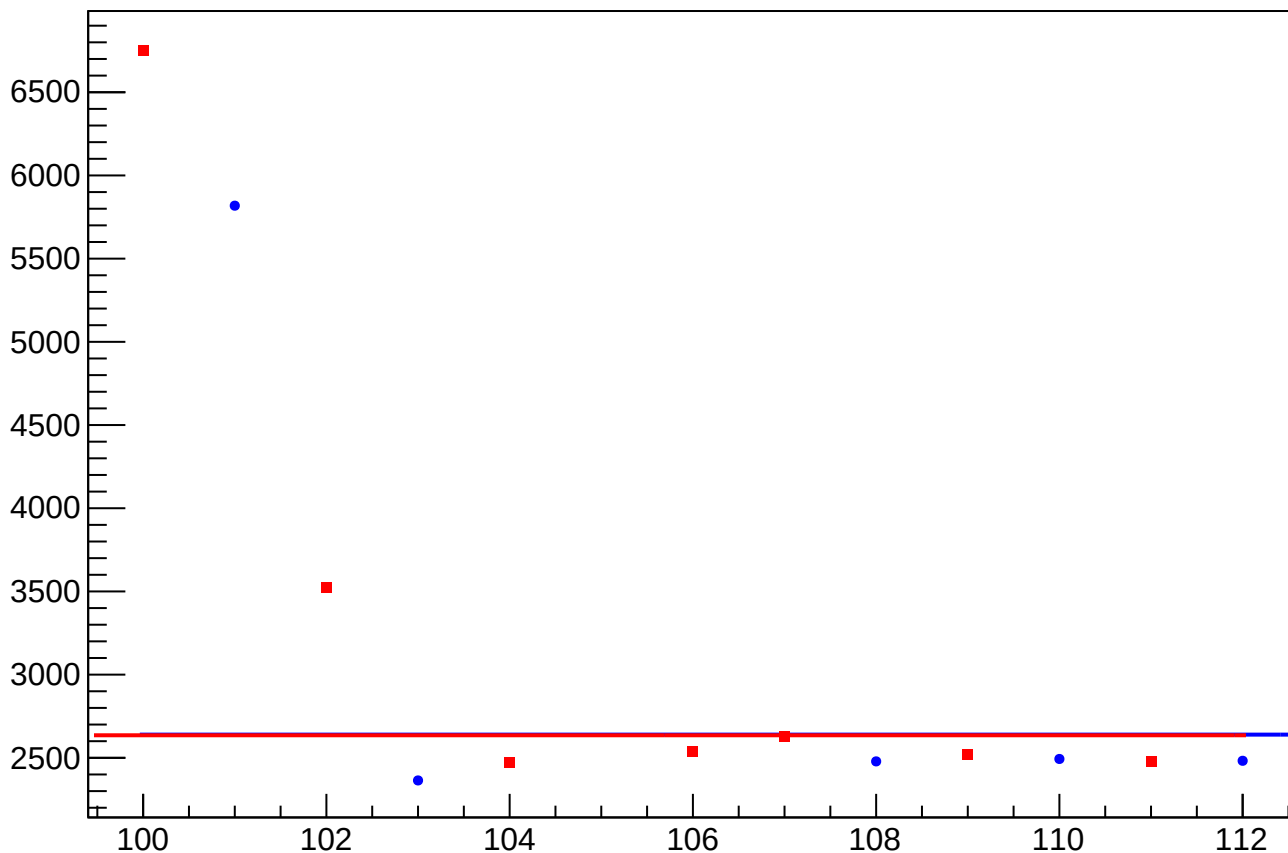
Right: 2666.381 $\pm$ 1193.987 χ^2 /NDF: 13.1/11

In: 3297.997 $\pm$ 1732.982 χ^2 /NDF:9.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2666.381 $\pm$ 1193.987 χ^2 /NDF: 13.1/11

eigen_dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2639.471+/-1.225 χ^2/NDF : 417670.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2635.555+/-1.165 χ^2/NDF : 125090.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

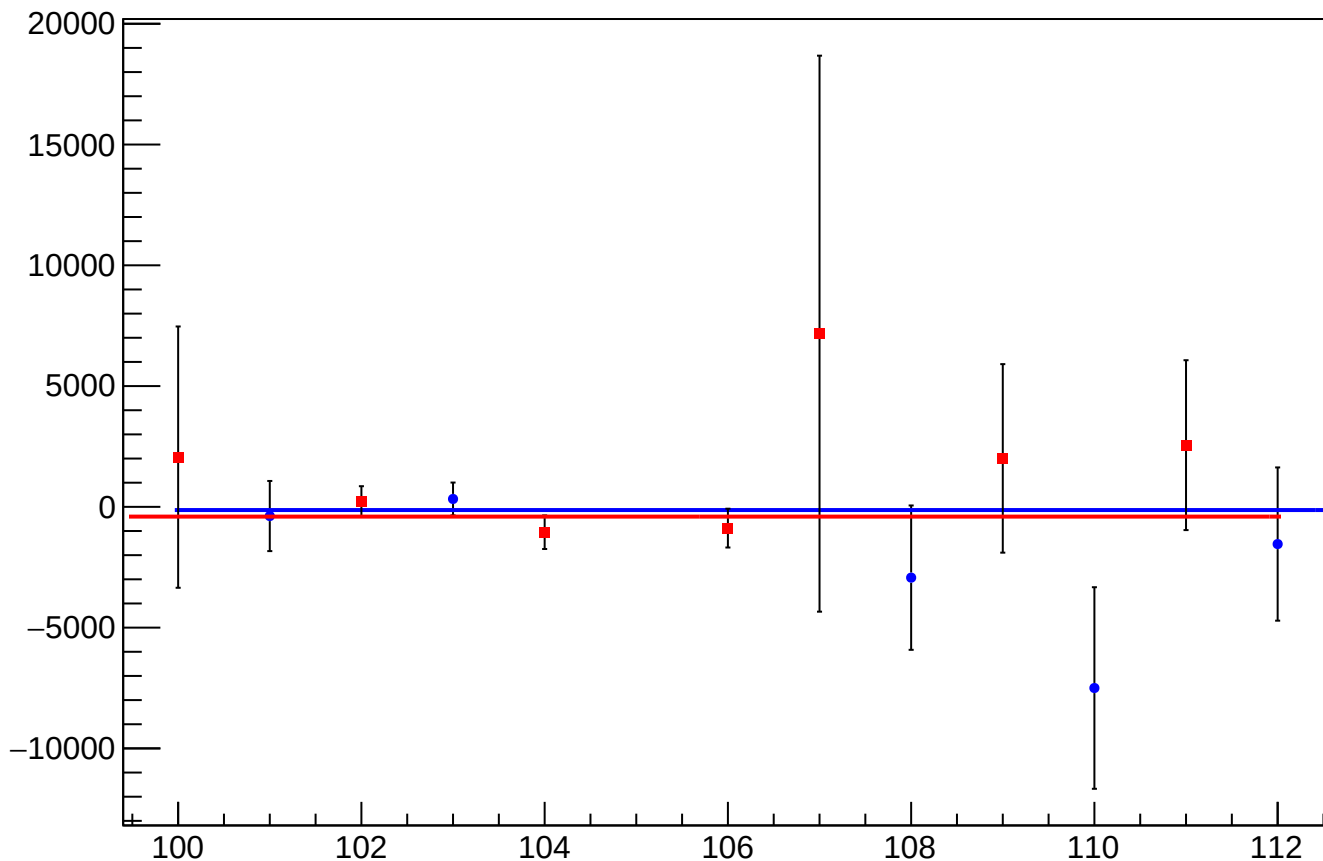
Right: 2637.414+/-0.844 χ^2/NDF : 542766.5/11

In: 2639.471+/-1.225 χ^2/NDF : 417670.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2637.414+/-0.844 χ^2/NDF : 542766.5/11

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -132.185+/-586.251 χ^2 /NDF: 4.7/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -403.539+/-399.045 χ^2 /NDF: 3.9/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

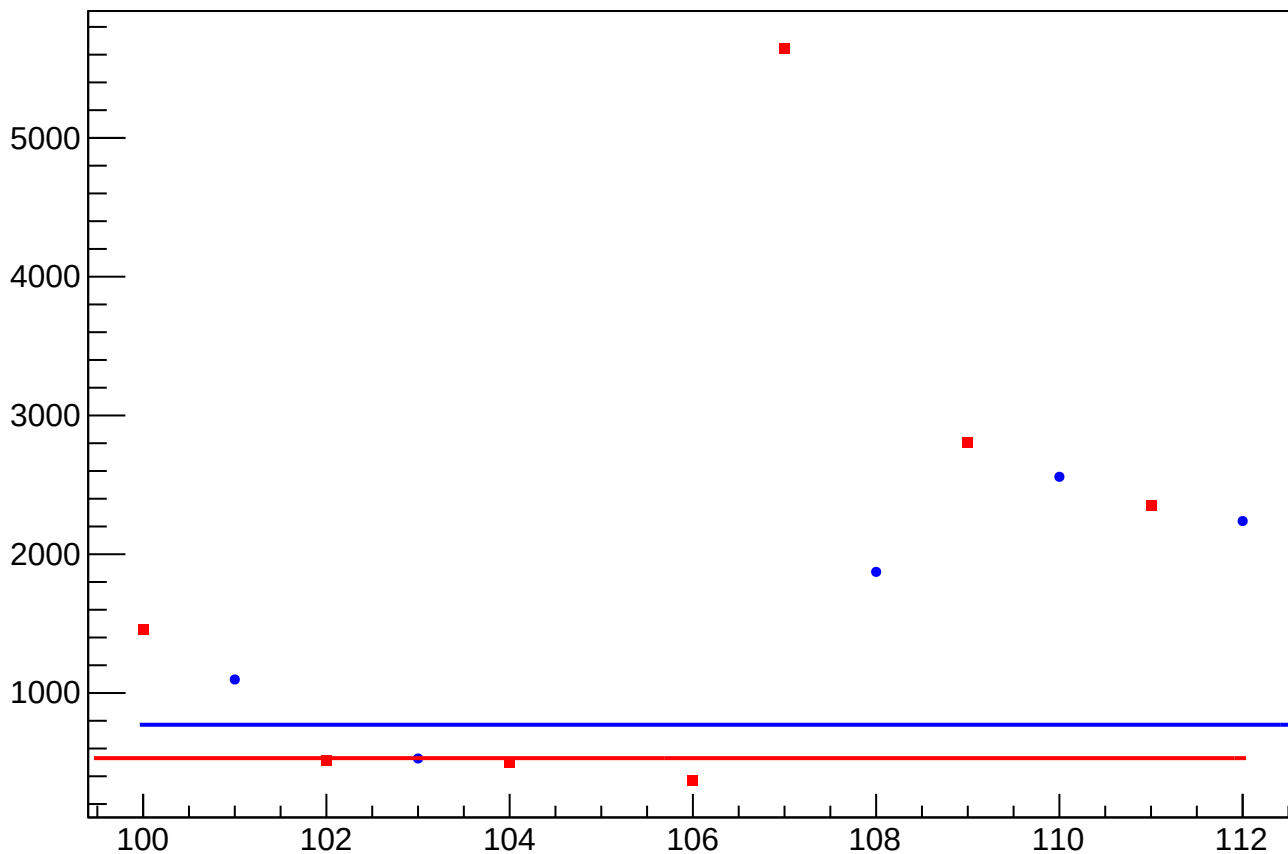
Right: -317.623+/-329.878 χ^2 /NDF: 8.7/11

In: -132.185+/-586.251 χ^2 /NDF:4.7/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -317.623+/-329.878 χ^2 /NDF: 8.7/11

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 771.250+/-0.415 χ^2/NDF : 1424012.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 530.706+/-0.282 χ^2/NDF : 1754455.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

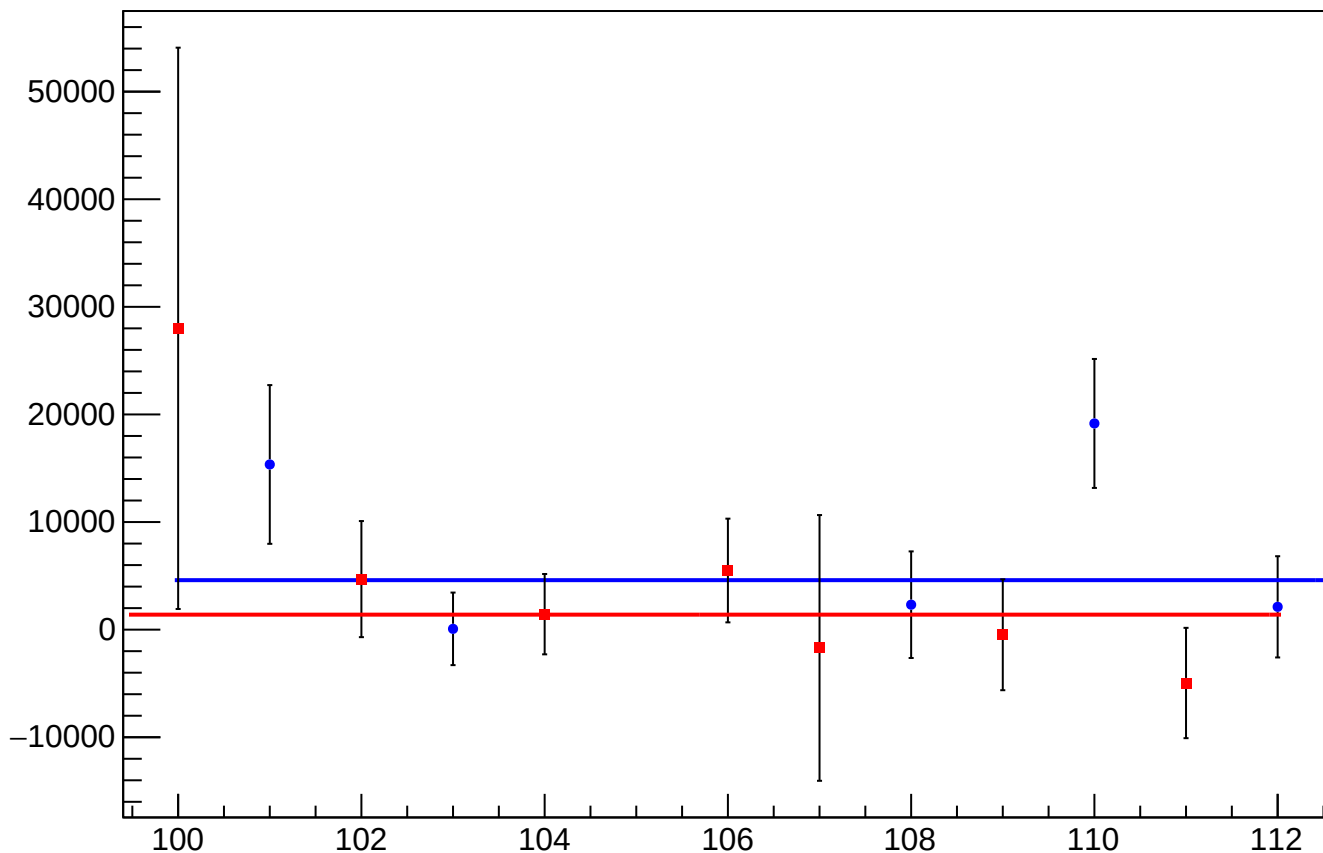
Right: 606.867+/-0.233 χ^2/NDF : 3408566.3/11

In: 771.250+/-0.415 χ^2/NDF : 1424012.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 606.867+/-0.233 χ^2/NDF : 3408566.3/11

asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4598.910+/-2131.172 χ^2/NDF : 10.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1393.762+/-2071.995 χ^2/NDF : 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

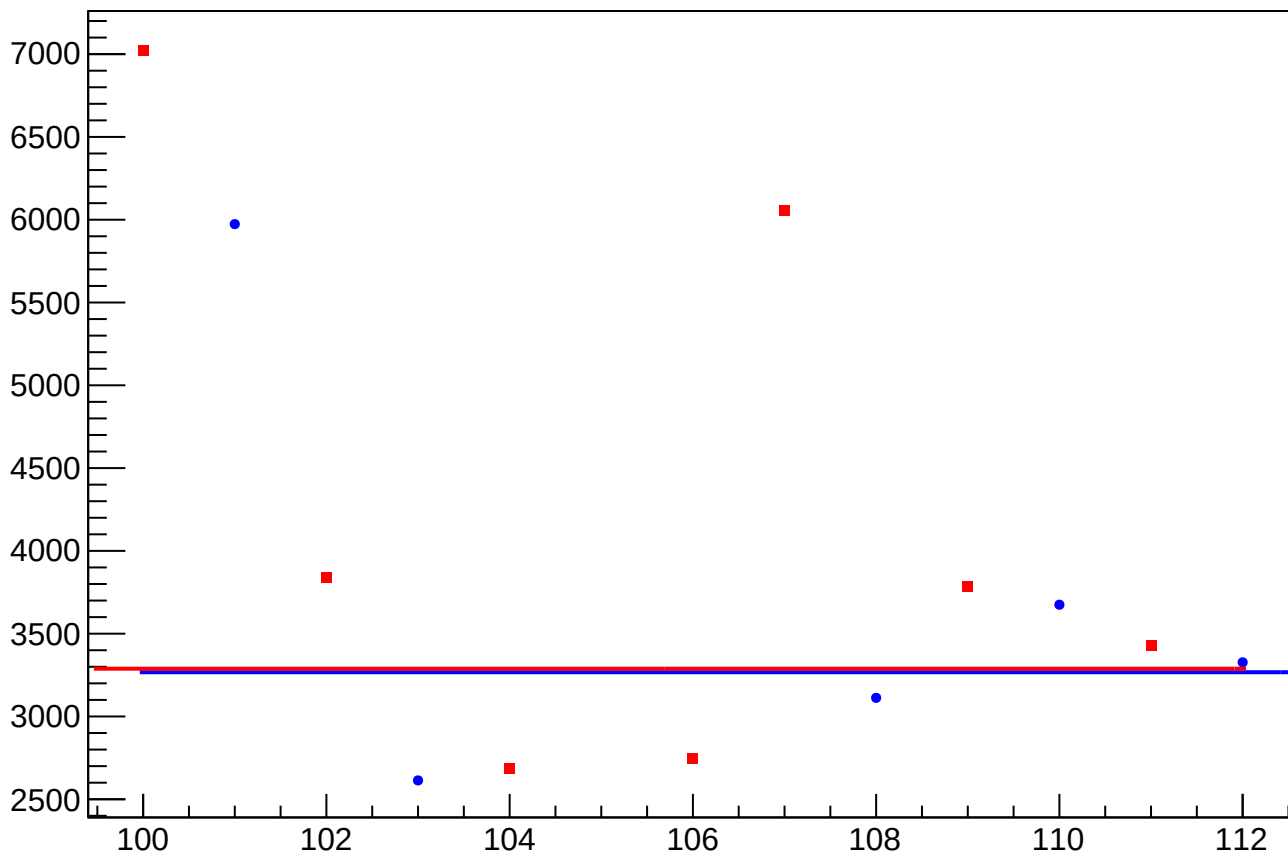
Right: 2951.219+/-1485.602 χ^2/NDF : 15.4/11

In: 4598.910+/-2131.172 χ^2/NDF : 10.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2951.219+/-1485.602 χ^2/NDF : 15.4/11

asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3267.172+/-1.507 χ^2/NDF : 355923.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3288.452+/-1.465 χ^2/NDF : 259038.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

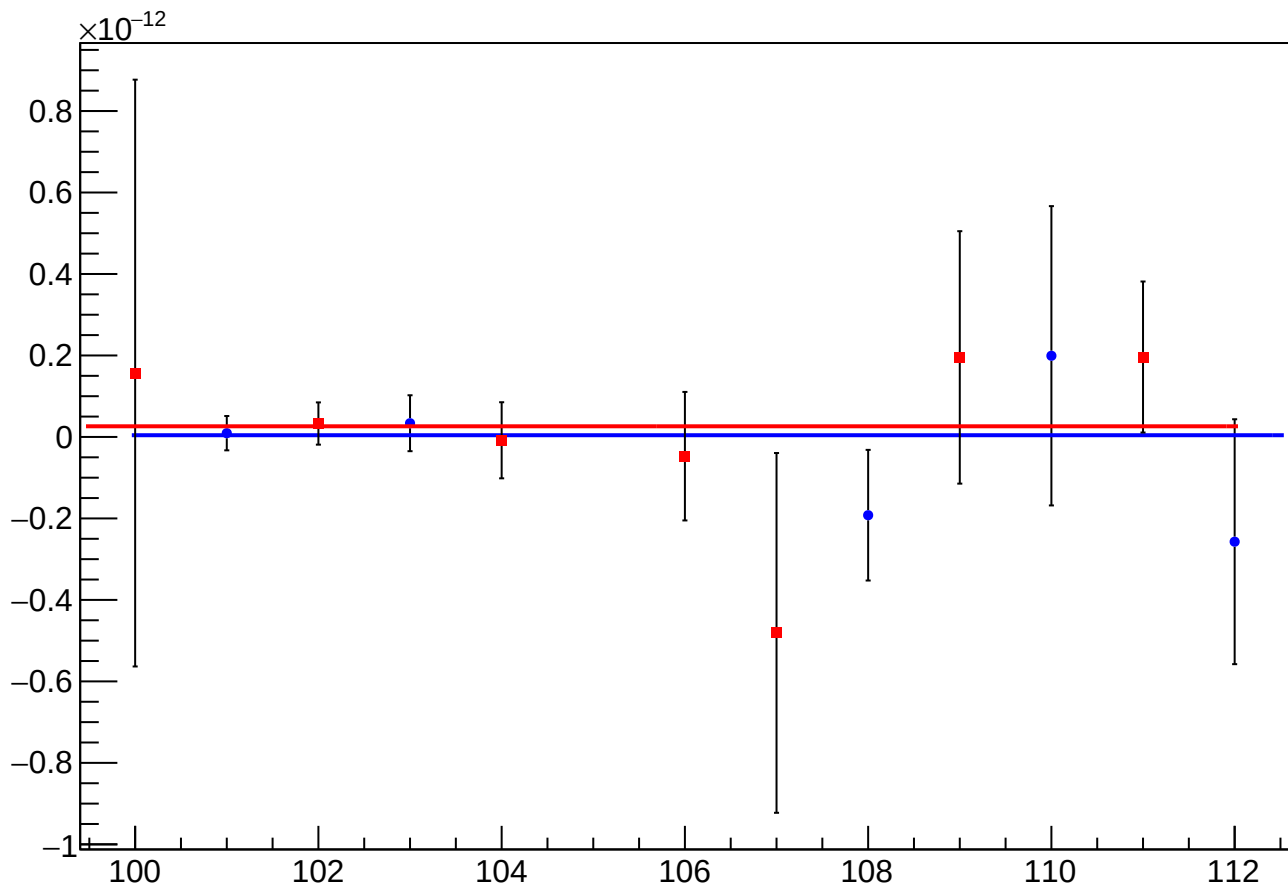
Right: 3278.112+/-1.050 χ^2/NDF : 615065.1/11

In: 3267.172+/-1.507 χ^2/NDF : 355923.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3278.112+/-1.050 χ^2/NDF : 615065.1/11

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

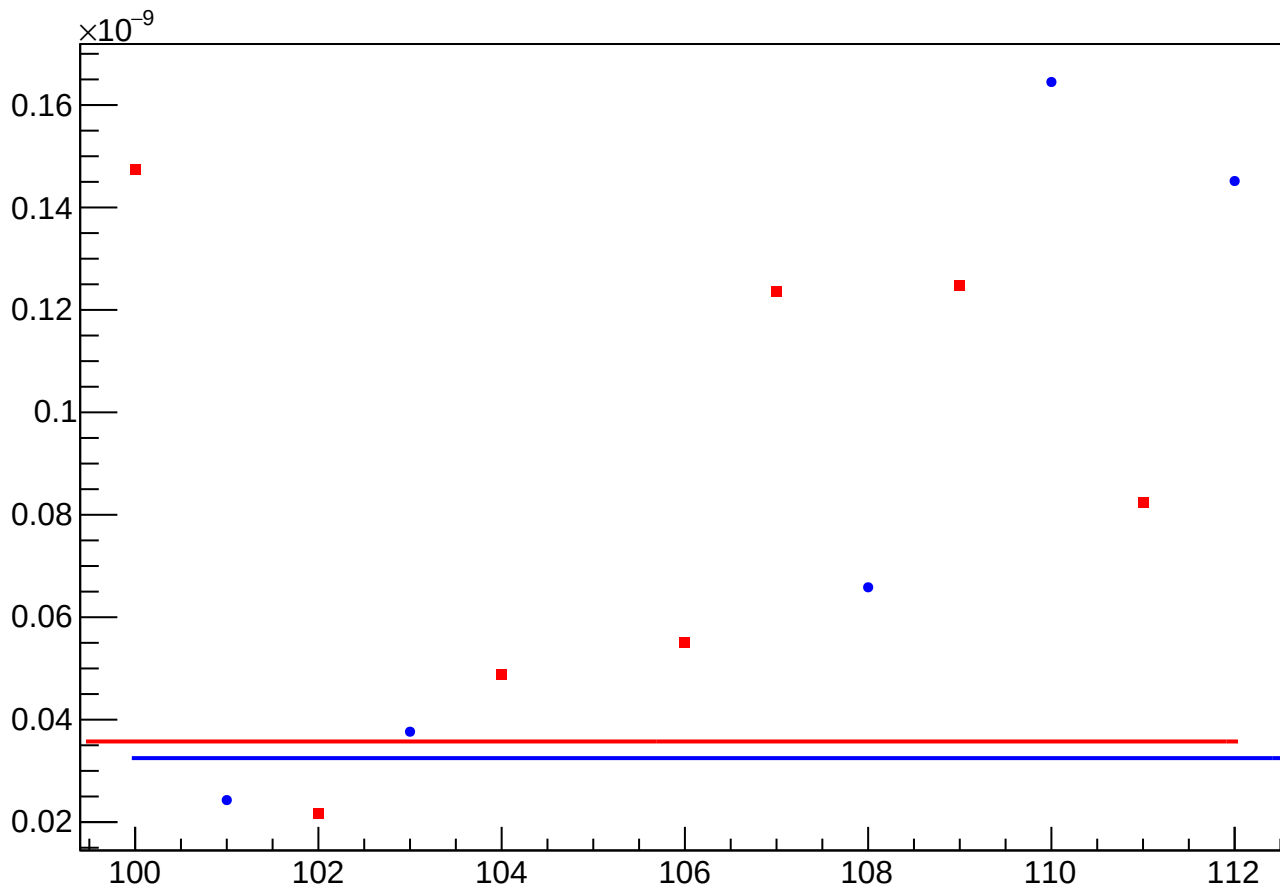
Right: 0.000+/-0.000 χ^2/NDF : 5.8/11

In: 0.000+/-0.000 χ^2/NDF : 2.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5.8/11

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 712774.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 636683.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

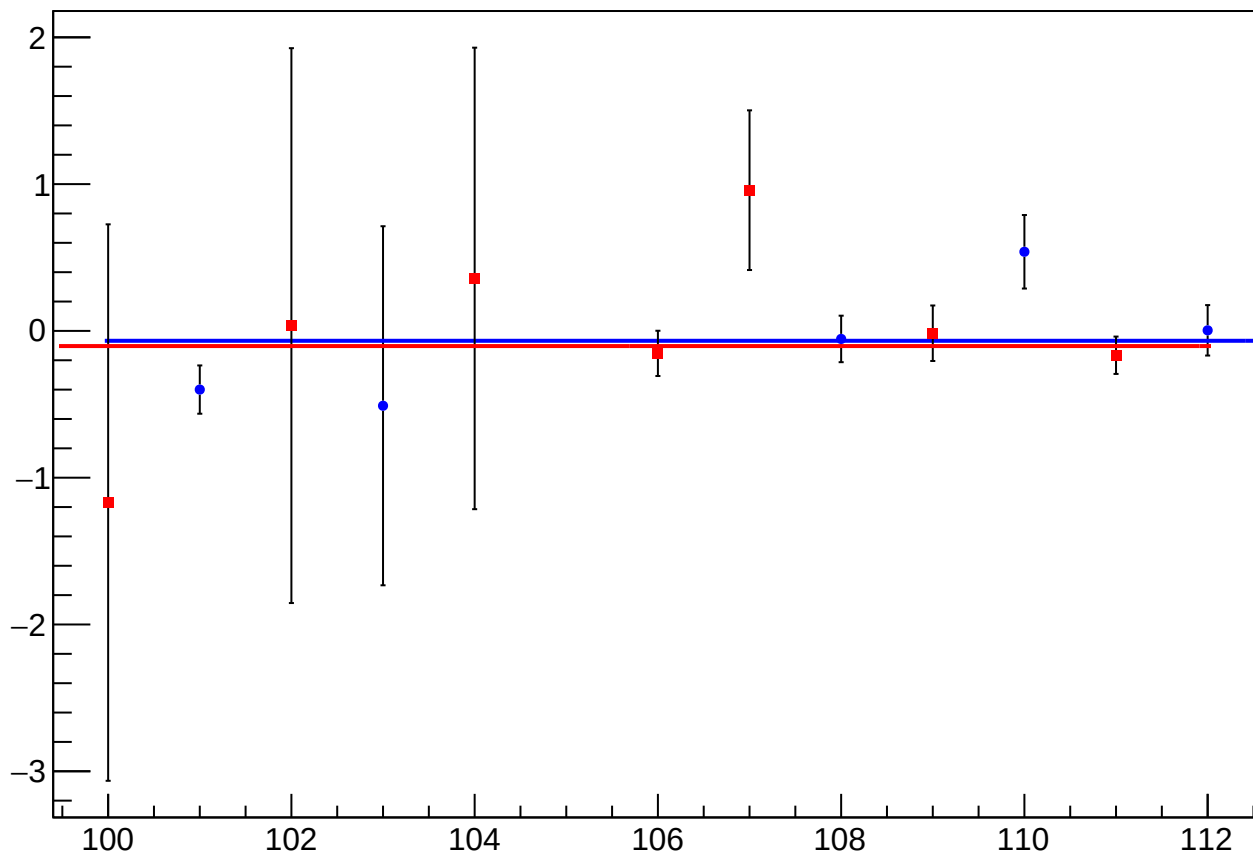
Right: 0.000+/-0.000 χ^2/NDF : 1356628.4/11

In: 0.000+/-0.000 χ^2/NDF : 712774.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1356628.4/11

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.067 $\pm$ 0.089 χ^2 /NDF: 10.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.103 $\pm$ 0.086 χ^2 /NDF: 4.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

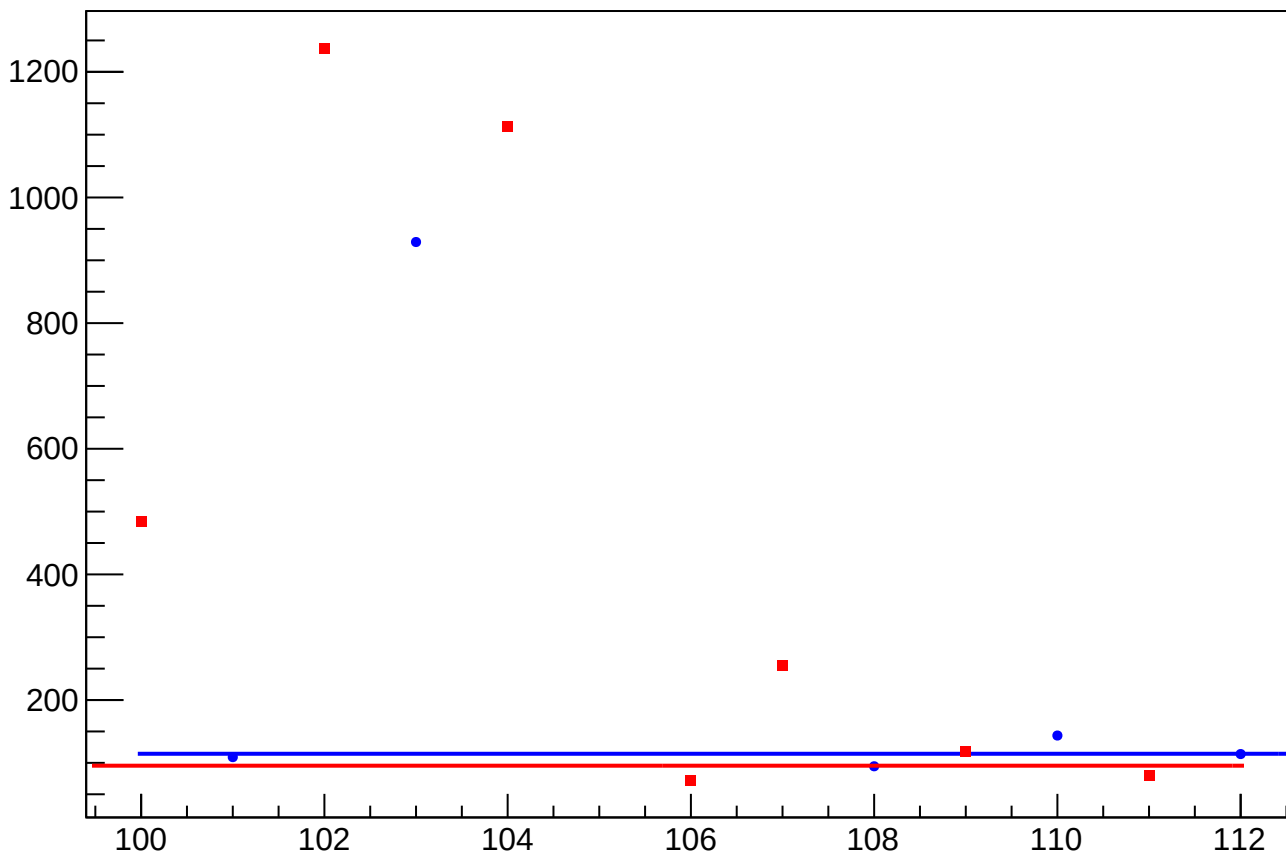
Right: -0.086 $\pm$ 0.062 χ^2 /NDF: 15.1/11

In: -0.067 $\pm$ 0.089 χ^2 /NDF:10.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.086 $\pm$ 0.062 χ^2 /NDF: 15.1/11

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 114.481+/-0.063 χ^2/NDF : 947937.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.493+/-0.061 χ^2/NDF : 1933130.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

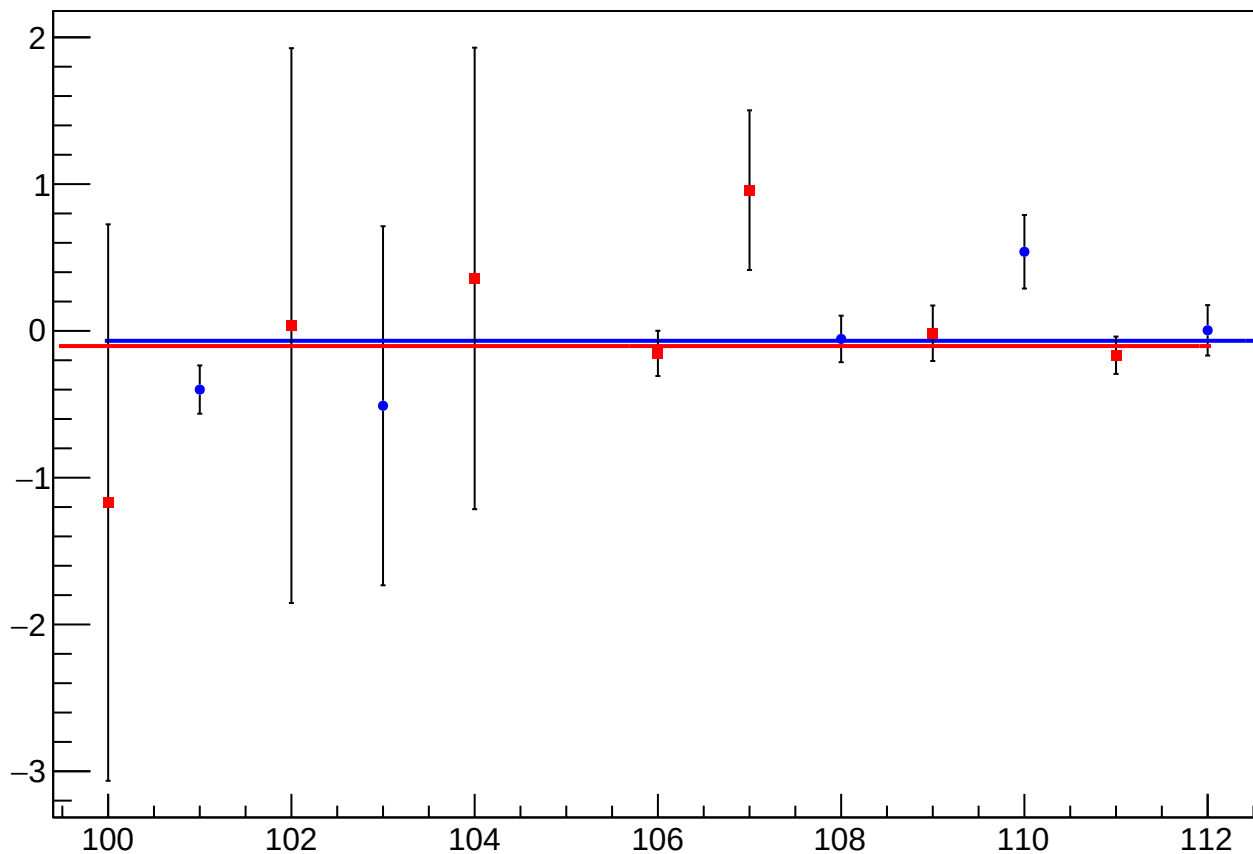
Right: 104.667+/-0.044 χ^2/NDF : 2928515.3/11

In: 114.481+/-0.063 χ^2/NDF : 947937.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.667+/-0.044 χ^2/NDF : 2928515.3/11

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.067 $\pm$ 0.089 χ^2 /NDF: 10.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.103 $\pm$ 0.086 χ^2 /NDF: 4.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

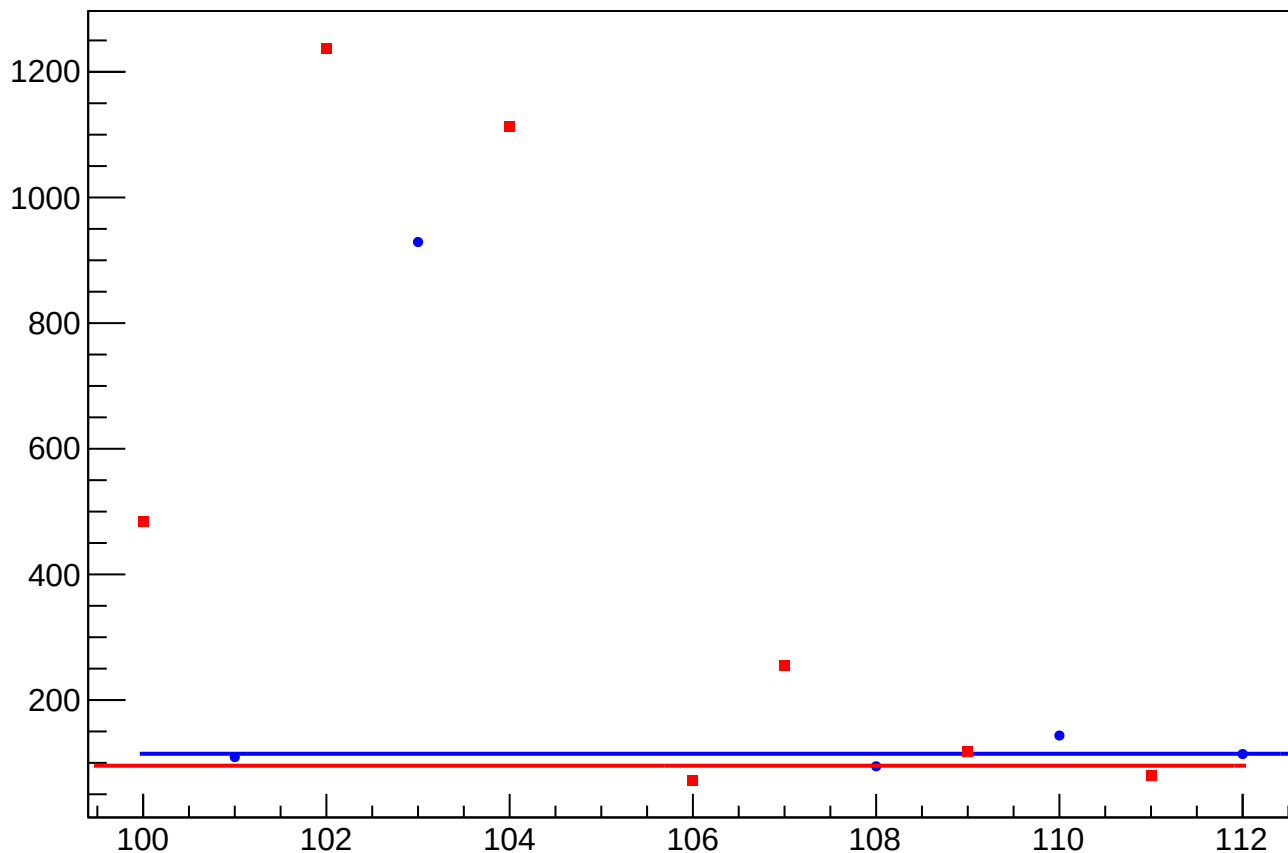
Right: -0.086 $\pm$ 0.062 χ^2 /NDF: 15.1/11

In: -0.067 $\pm$ 0.089 χ^2 /NDF:10.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.086 $\pm$ 0.062 χ^2 /NDF: 15.1/11

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 114.481+/-0.063 χ^2/NDF : 947937.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.493+/-0.061 χ^2/NDF : 1933130.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

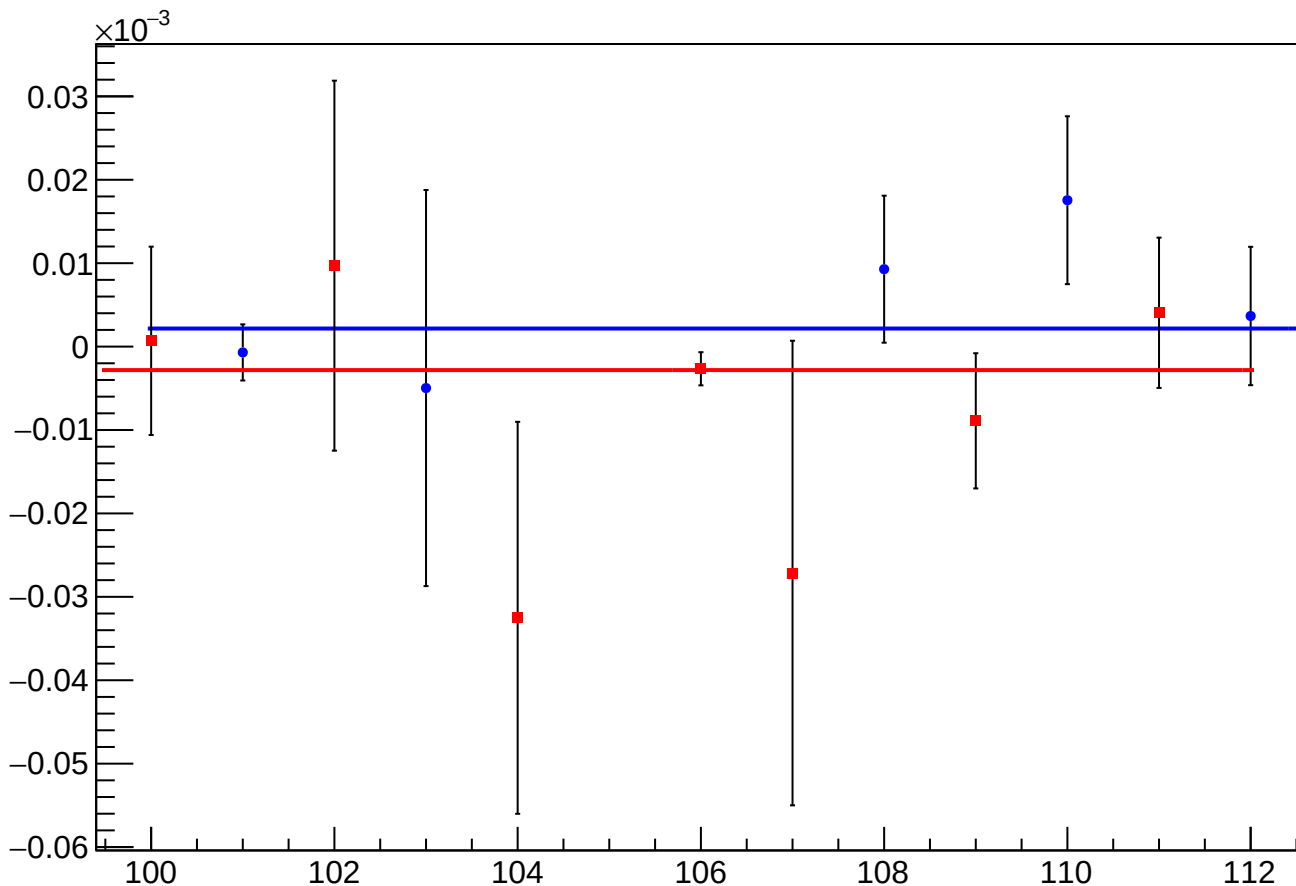
Right: 104.667+/-0.044 χ^2/NDF : 2928515.3/11

In: 114.481+/-0.063 χ^2/NDF : 947937.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.667+/-0.044 χ^2/NDF : 2928515.3/11

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

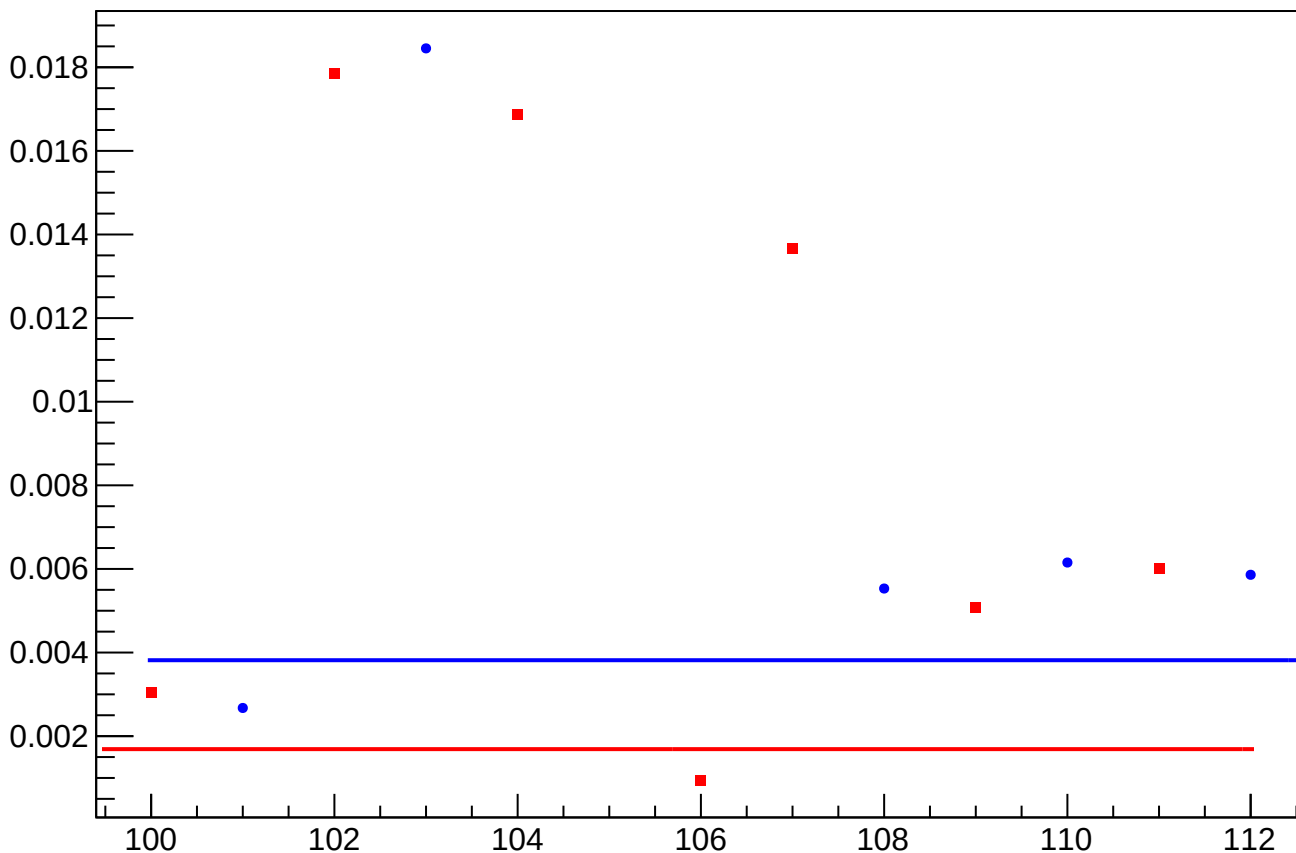
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.0/11

In: 0.000 $\pm$ 0.000 χ^2 /NDF:3.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.0/11

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 : 1295150.7/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3397711.1/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

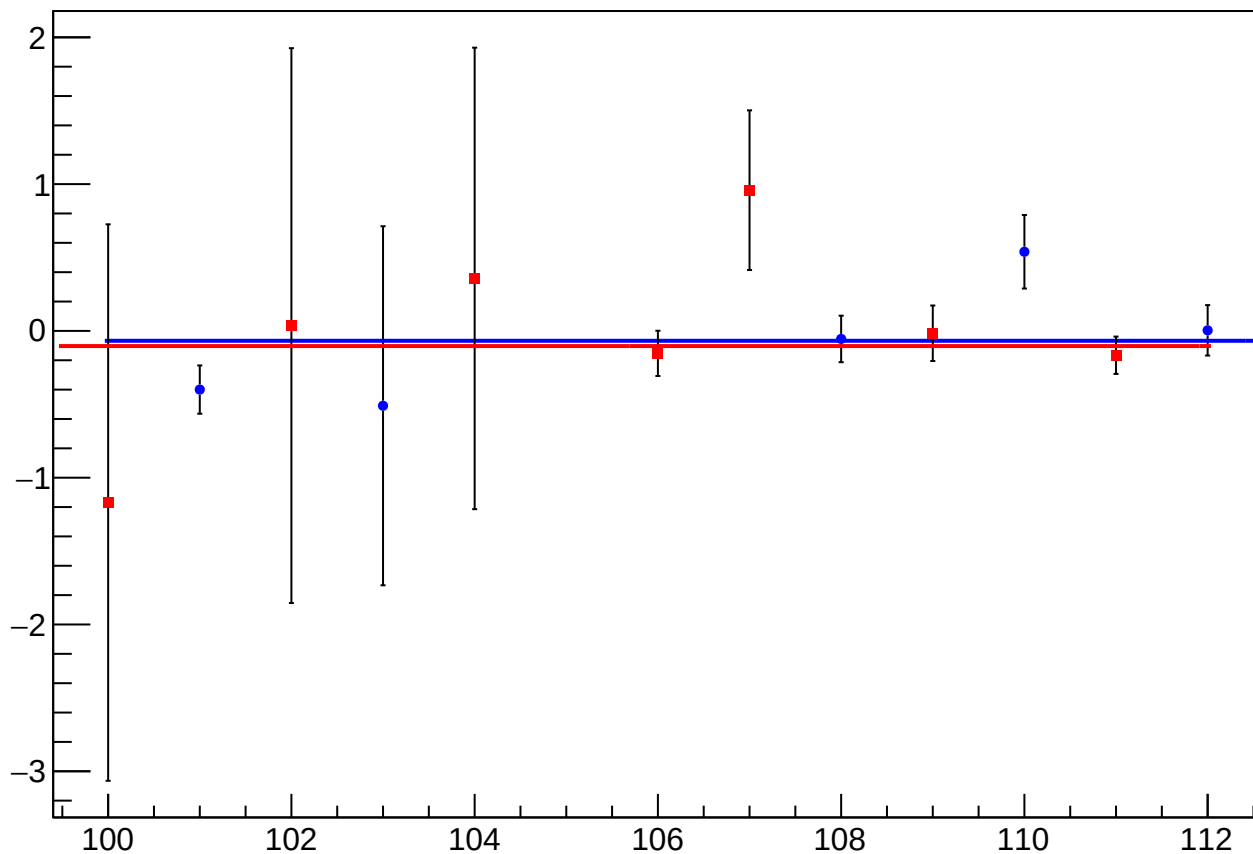
Right: 0.002+/-0.000 χ^2/NDF : 5496431.8/11

In: 0.004+/-0.000 χ^2/NDF :1295150.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5496431.8/11

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.067 ± 0.089 χ^2/NDF : 10.3/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.103 ± 0.086 χ^2/NDF : 4.8/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

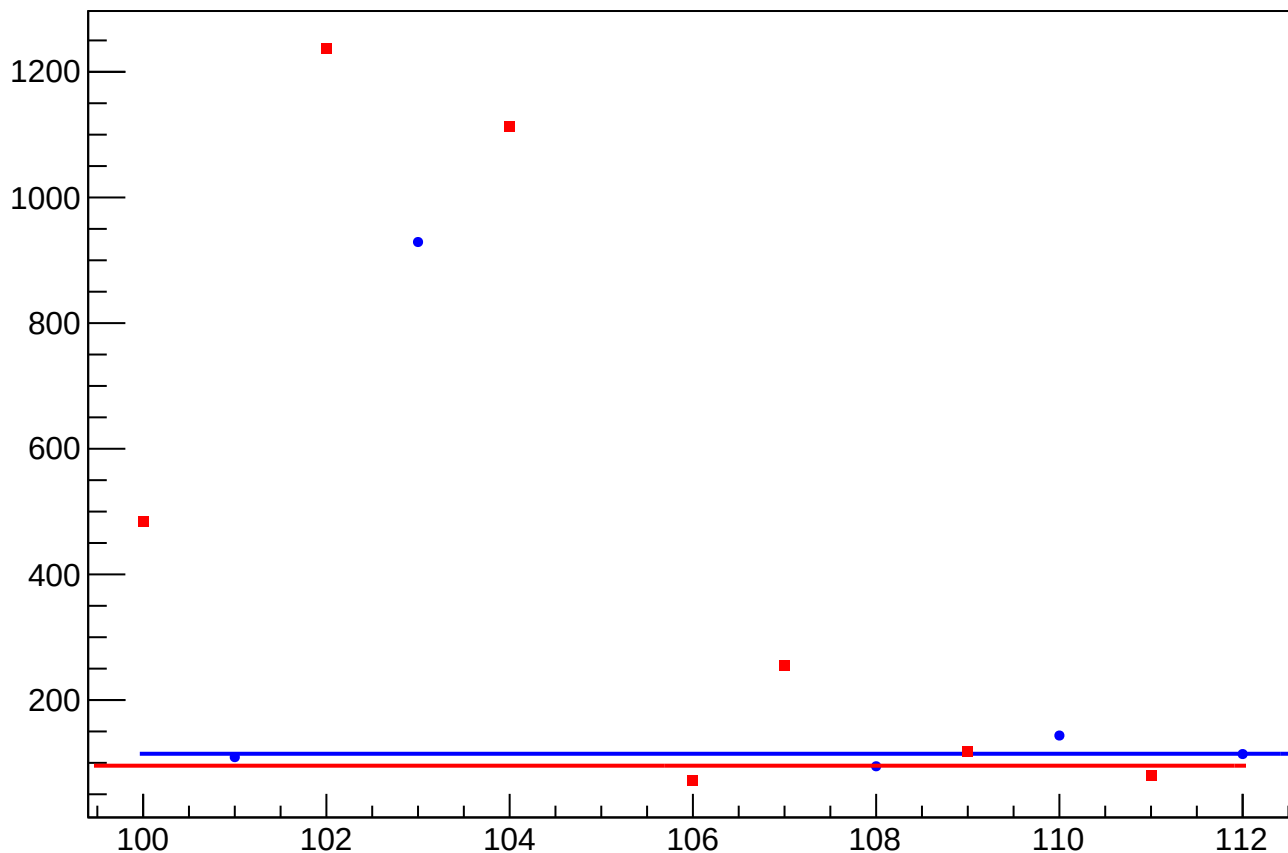
Right: -0.086 ± 0.062 χ^2/NDF : 15.1/11

In: -0.067 ± 0.089 χ^2/NDF : 10.3/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.086 ± 0.062 χ^2/NDF : 15.1/11

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 114.481+/-0.063 χ^2/NDF : 947929.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.493+/-0.061 χ^2/NDF : 1933115.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

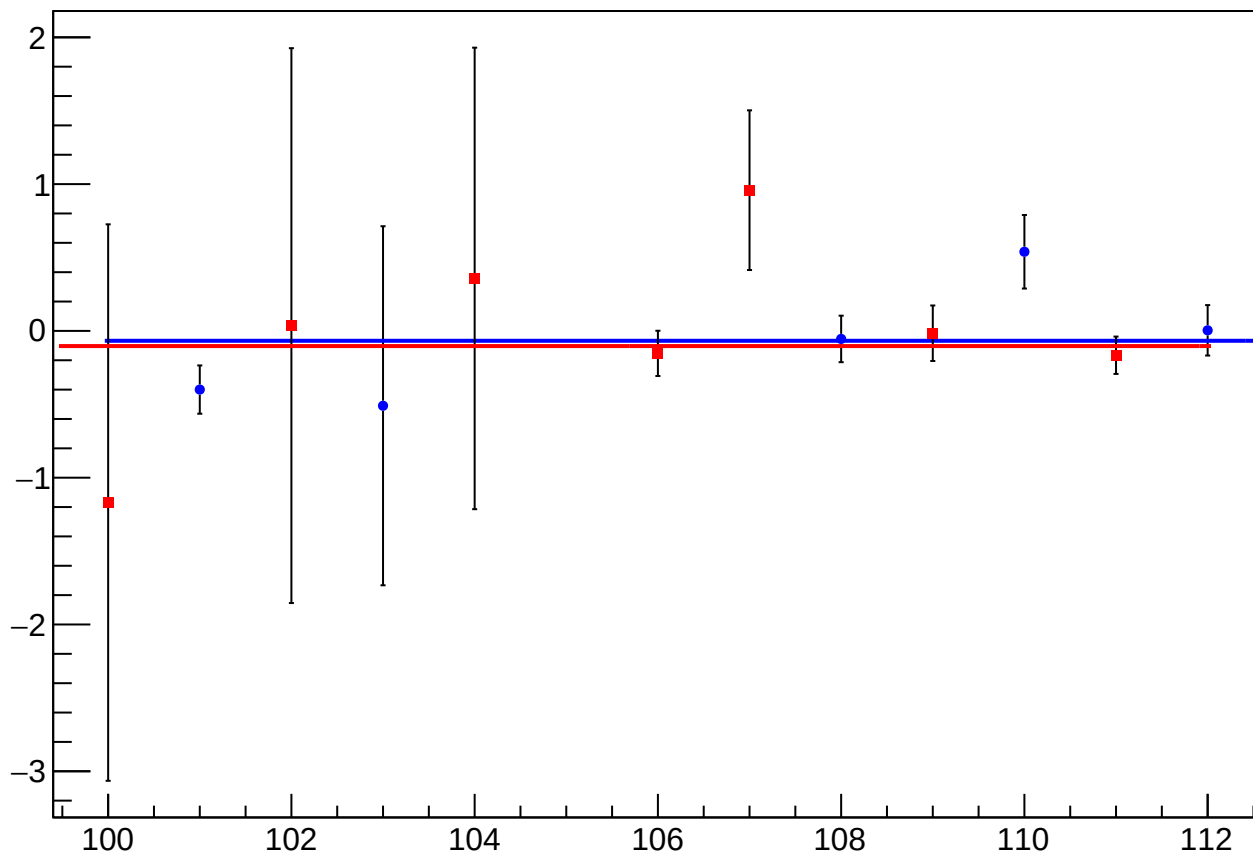
Right: 104.668+/-0.044 χ^2/NDF : 2928493.8/11

In: 114.481+/-0.063 χ^2/NDF : 947929.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.668+/-0.044 χ^2/NDF : 2928493.8/11

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.067+/-0.089 χ^2/NDF : 10.3/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.103+/-0.086 χ^2/NDF : 4.8/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

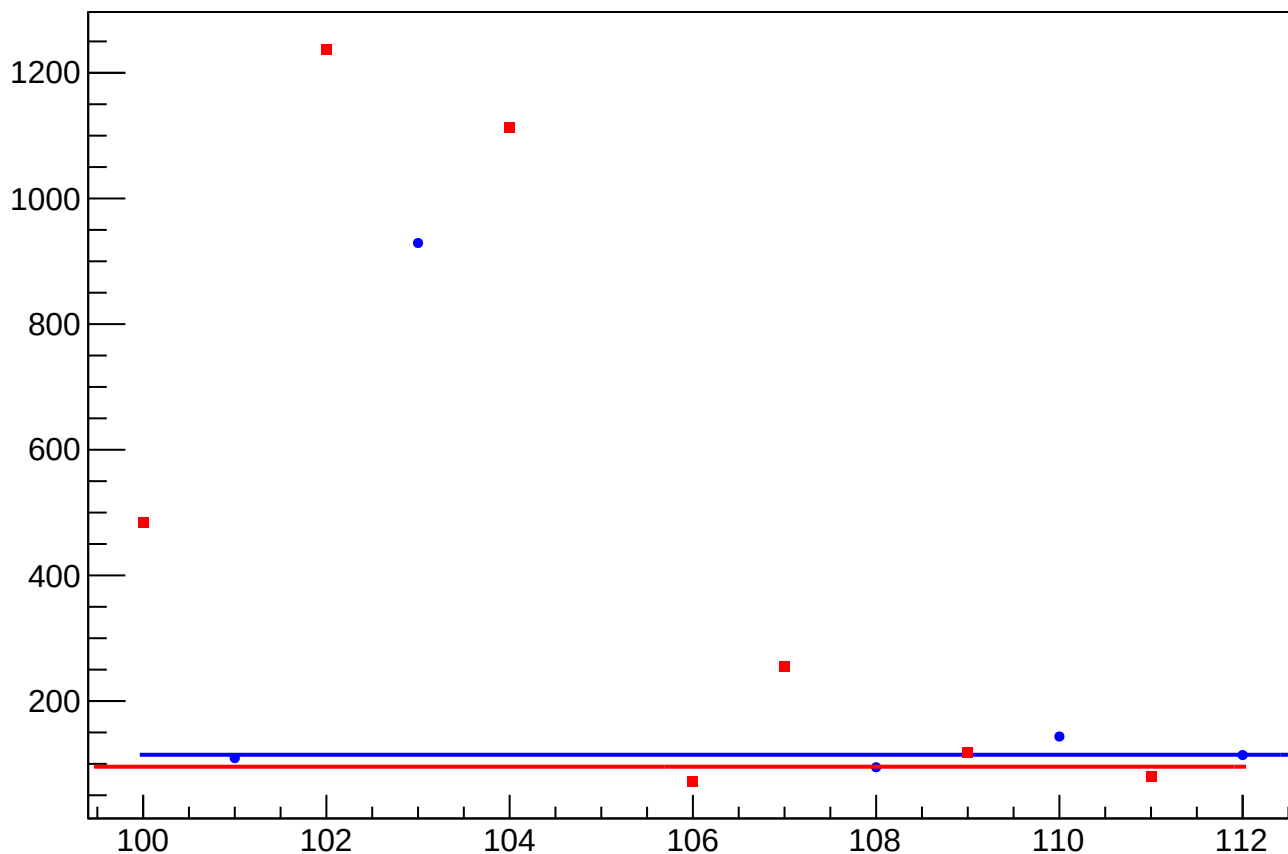
Right: -0.086+/-0.062 χ^2/NDF : 15.1/11

In: -0.067+/-0.089 χ^2/NDF :10.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.086+/-0.062 χ^2/NDF : 15.1/11

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 114.481+/-0.063 χ^2/NDF : 947929.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.493+/-0.061 χ^2/NDF : 1933115.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

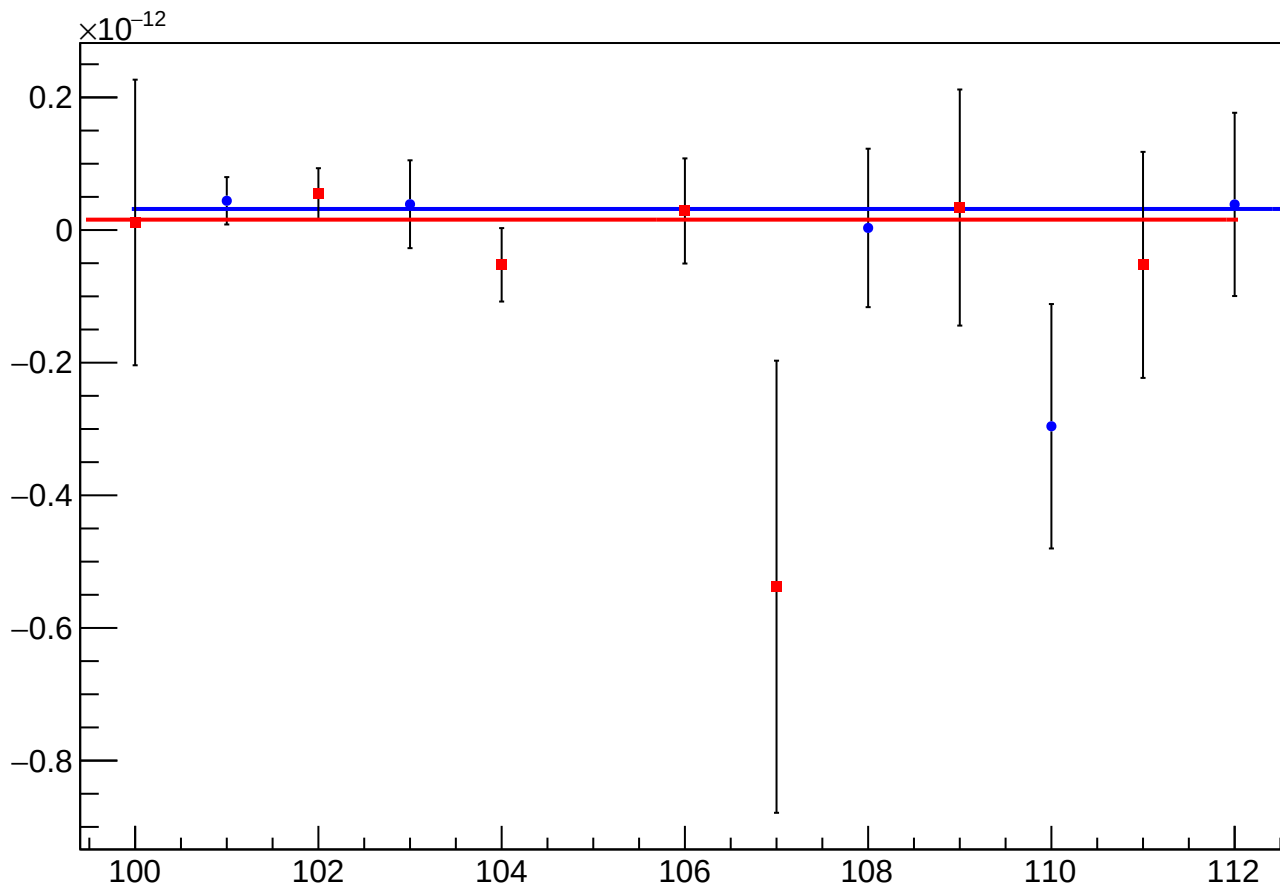
Right: 104.668+/-0.044 χ^2/NDF : 2928493.8/11

In: 114.481+/-0.063 χ^2/NDF : 947929.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.668+/-0.044 χ^2/NDF : 2928493.8/11

asym_us_avg_at1lr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

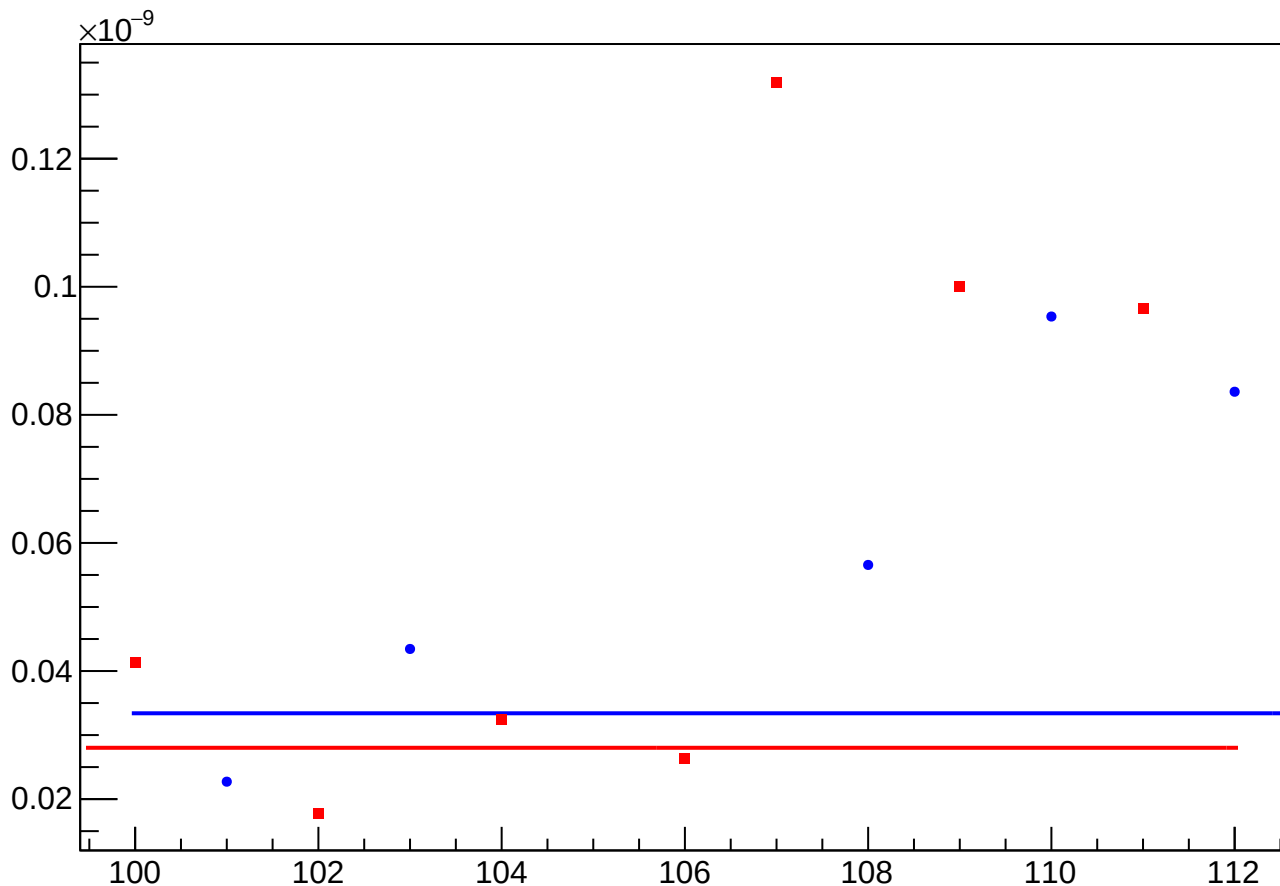
Right: 0.000+/-0.000 χ^2/NDF : 8.9/11

In: 0.000+/-0.000 χ^2/NDF : 3.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.9/11

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 : 790072.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1002218.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

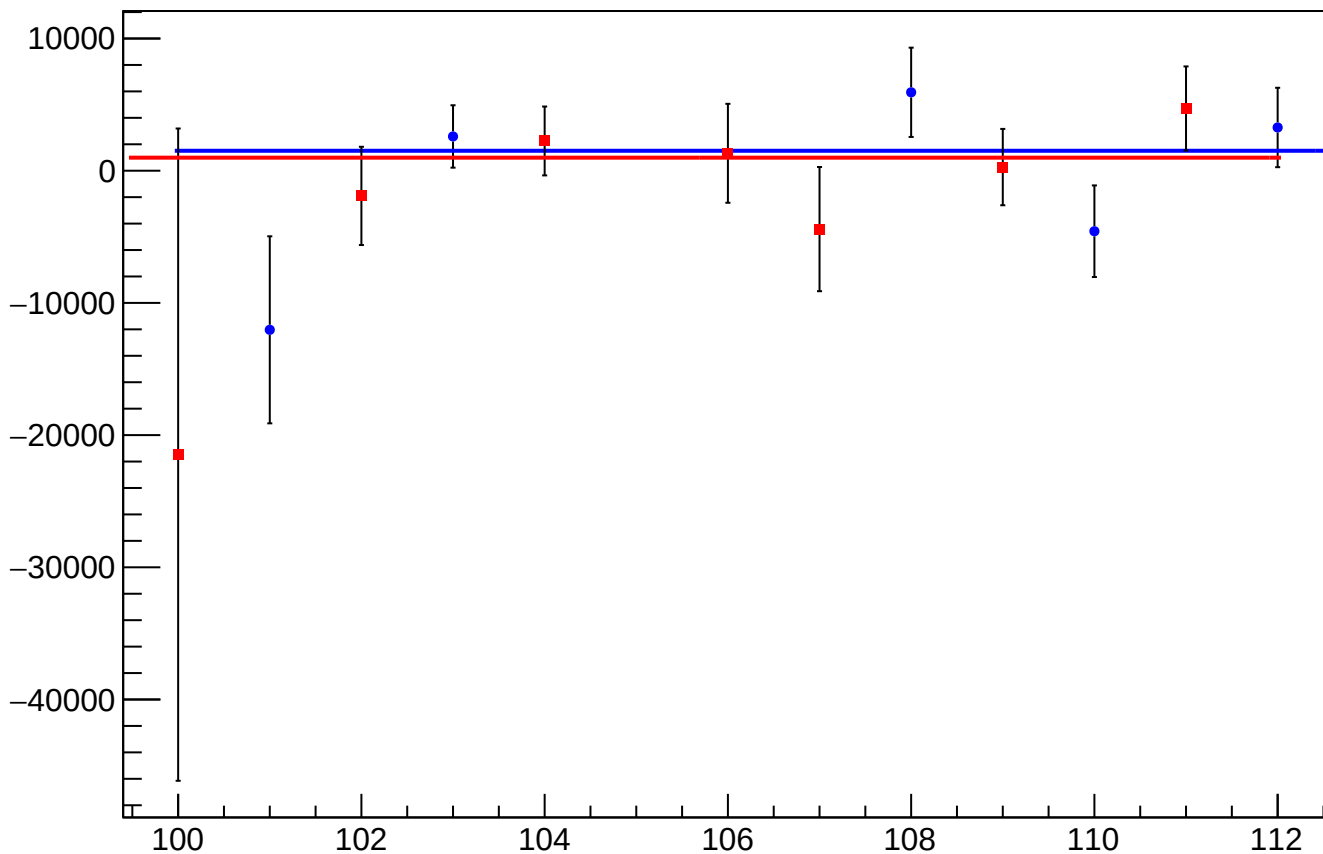
Right: 0.000+/-0.000 χ^2/NDF : 1827435.3/11

In: 0.000+/-0.000 χ^2/NDF : 790072.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1827435.3/11

reg_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 1508.811+/-1441.227 χ^2/NDF : 9.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 987.470+/-1340.005 χ^2/NDF : 4.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

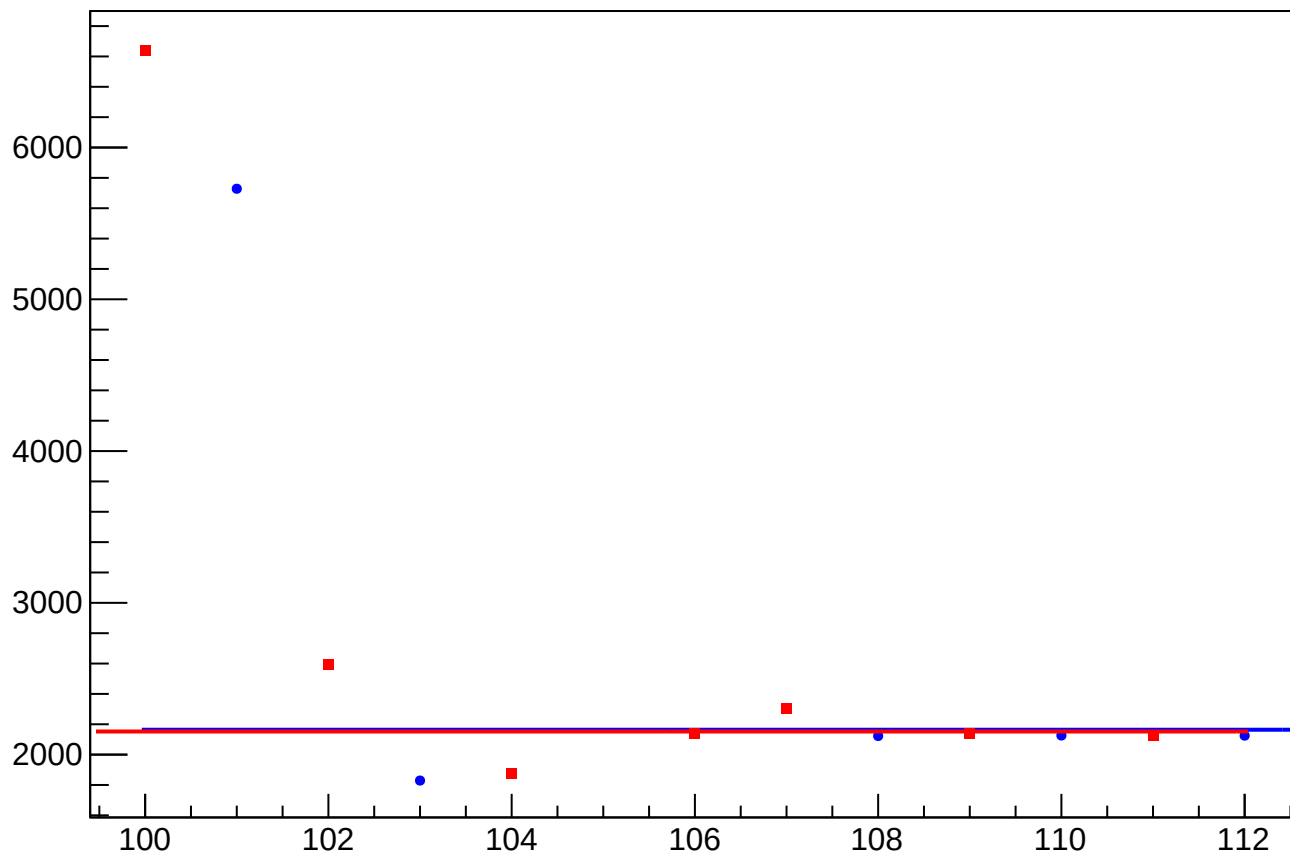
Right: 1229.192+/-981.362 χ^2/NDF : 13.5/11

In: 1508.811+/-1441.227 χ^2/NDF : 9.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1229.192+/-981.362 χ^2/NDF : 13.5/11

reg_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2164.005+/-1.019 χ^2/NDF : 548892.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2152.340+/-0.948 χ^2/NDF : 120005.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

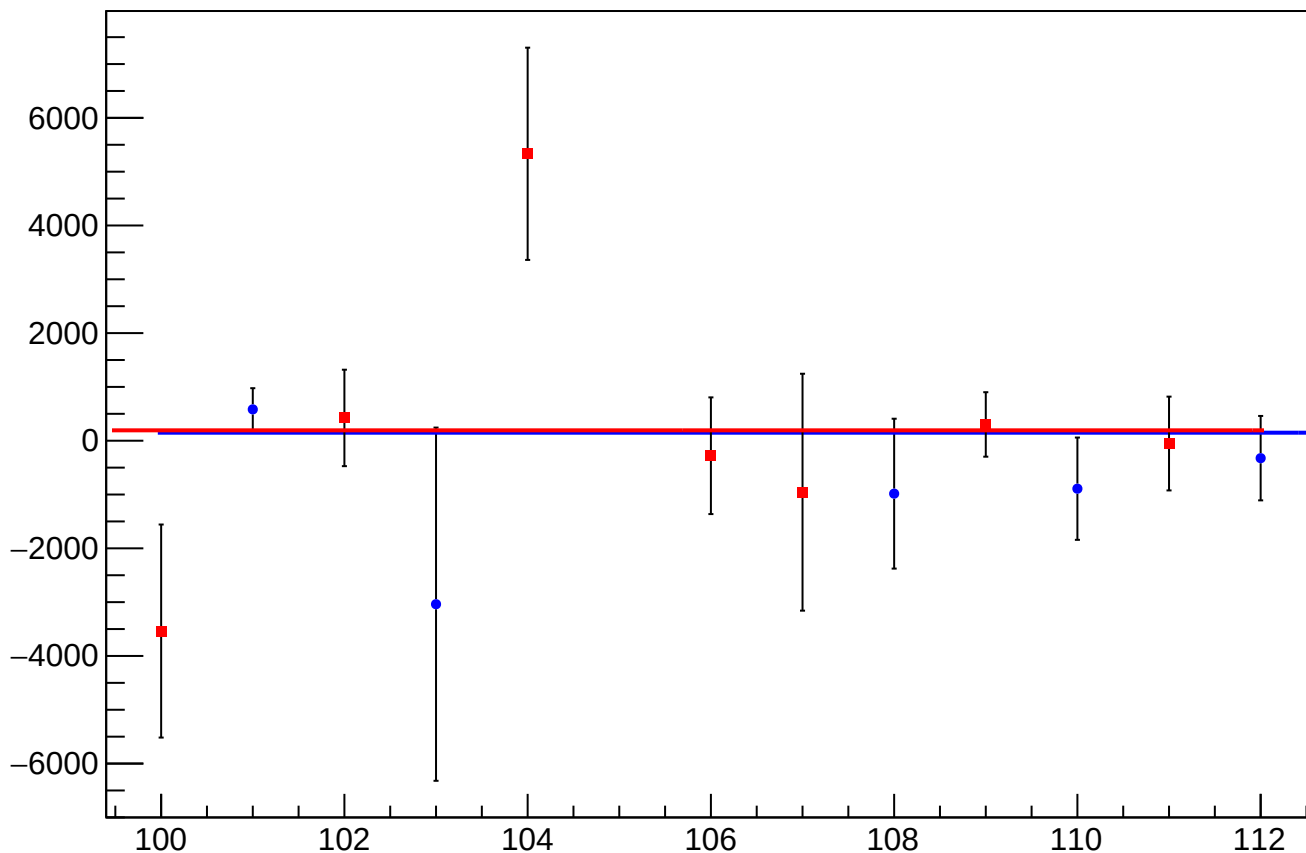
Right: 2157.749+/-0.694 χ^2/NDF : 668968.3/11

In: 2164.005+/-1.019 χ^2/NDF : 548892.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2157.749+/-0.694 χ^2/NDF : 668968.3/11

asym_us_avg_at1lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 149.095+/-319.450 χ^2/NDF : 4.4/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 192.975+/-380.257 χ^2/NDF : 11.0/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

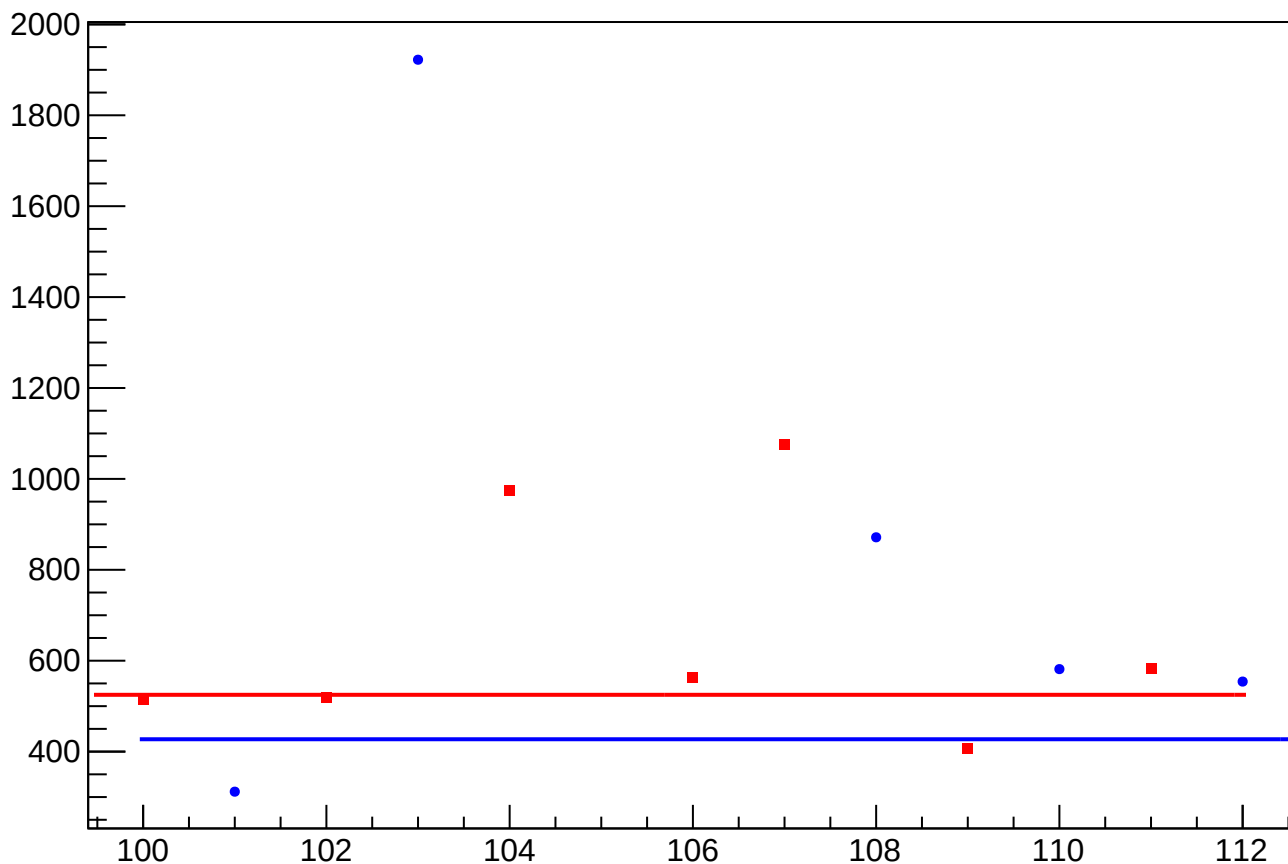
Right: 167.250+/-244.593 χ^2/NDF : 15.4/11

In: 149.095+/-319.450 χ^2/NDF :4.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 167.250+/-244.593 χ^2/NDF : 15.4/11

asym_us_avg_at1lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 427.177+/-0.226 χ^2/NDF : 895456.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 524.961+/-0.269 χ^2/NDF : 317772.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

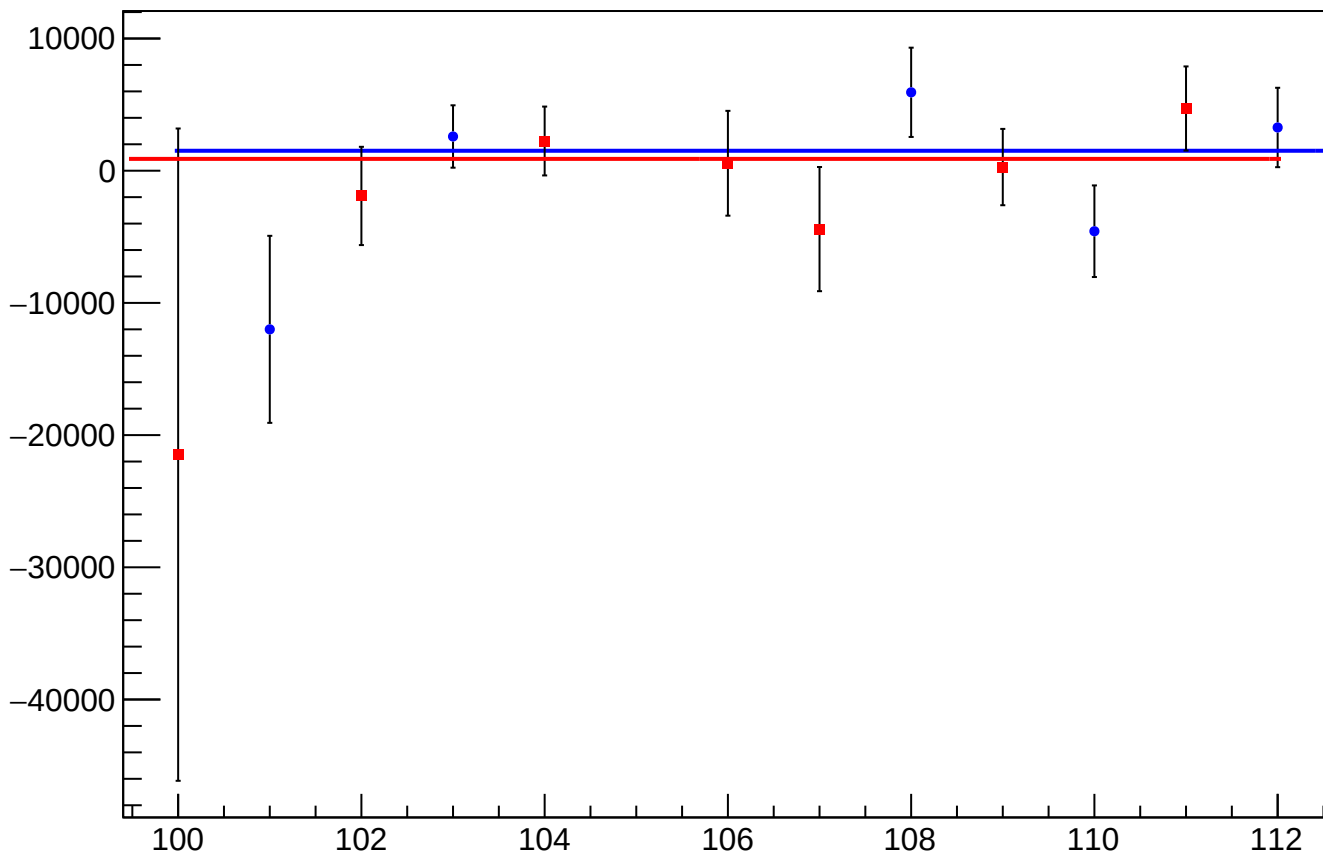
Right: 467.635+/-0.173 χ^2/NDF : 1290763.0/11

In: 427.177+/-0.226 χ^2/NDF : 895456.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 467.635+/-0.173 χ^2/NDF : 1290763.0/11

cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 1509.146+/-1441.228 χ^2/NDF : 9.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 894.369+/-1349.460 χ^2/NDF : 4.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

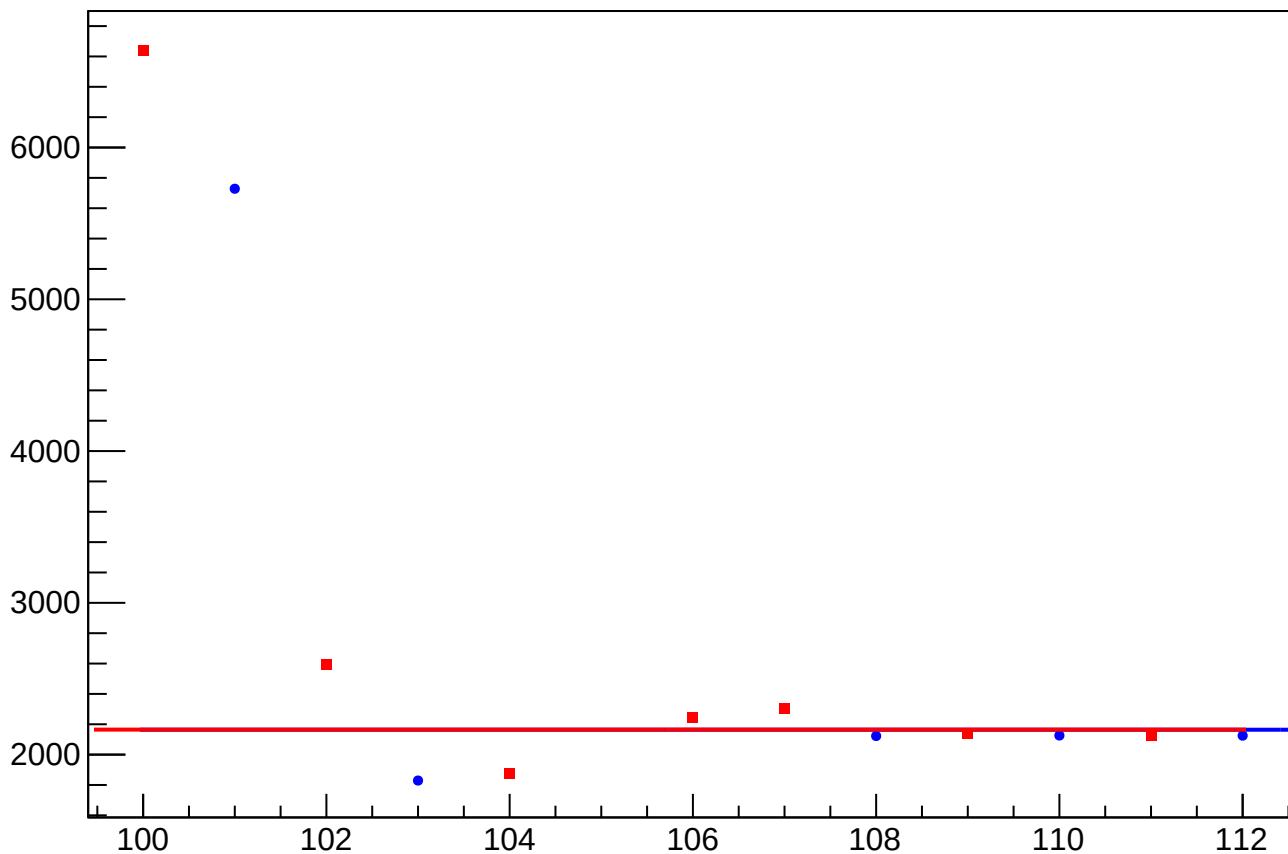
Right: 1181.563+/-985.058 χ^2/NDF : 13.5/11

In: 1509.146+/-1441.228 χ^2/NDF : 9.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1181.563+/-985.058 χ^2/NDF : 13.5/11

cor_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2164.005+/-1.019 χ^2/NDF : 548892.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2164.741+/-0.954 χ^2/NDF : 120813.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

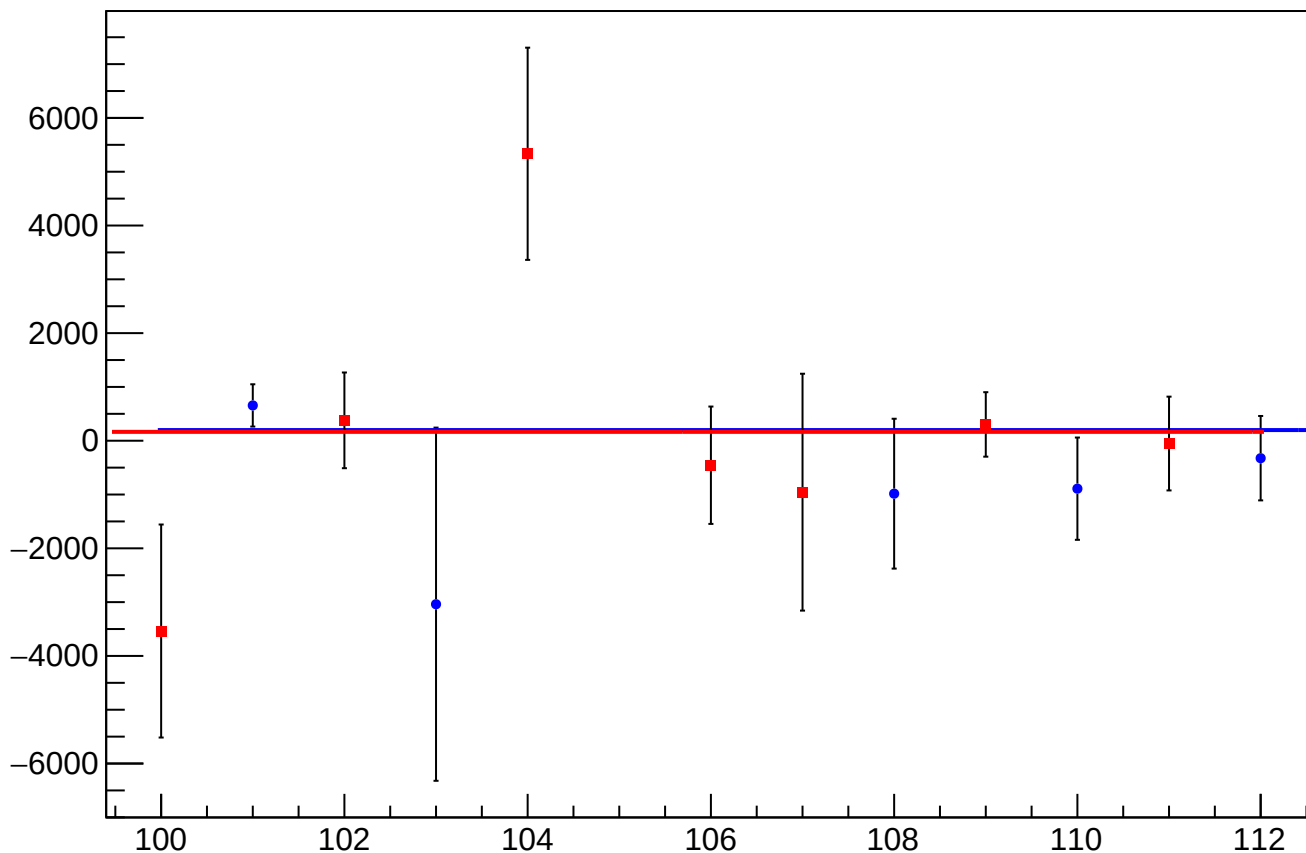
Right: 2164.397+/-0.697 χ^2/NDF : 669706.7/11

In: 2164.005+/-1.019 χ^2/NDF : 548892.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2164.397+/-0.697 χ^2/NDF : 669706.7/11

asym_us_avg_at1lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 198.198+/-319.217 χ^2/NDF : 4.8/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 164.966+/-380.028 χ^2/NDF : 11.1/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

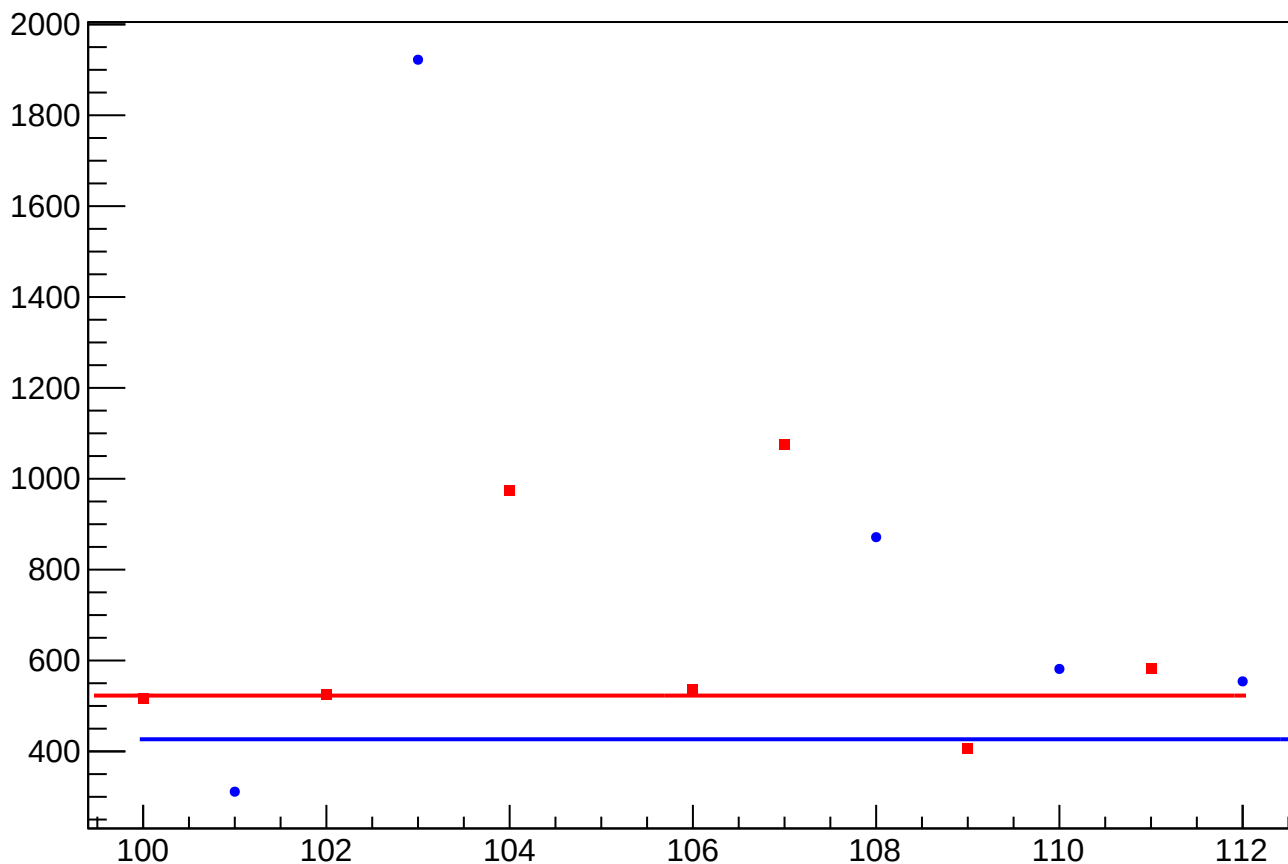
Right: 184.451+/-244.428 χ^2/NDF : 15.9/11

In: 198.198+/-319.217 χ^2/NDF :4.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 184.451+/-244.428 χ^2/NDF : 15.9/11

asym_us_avg_at1lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 426.678+/-0.226 χ^2/NDF : 897276.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 522.849+/-0.269 χ^2/NDF : 315231.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

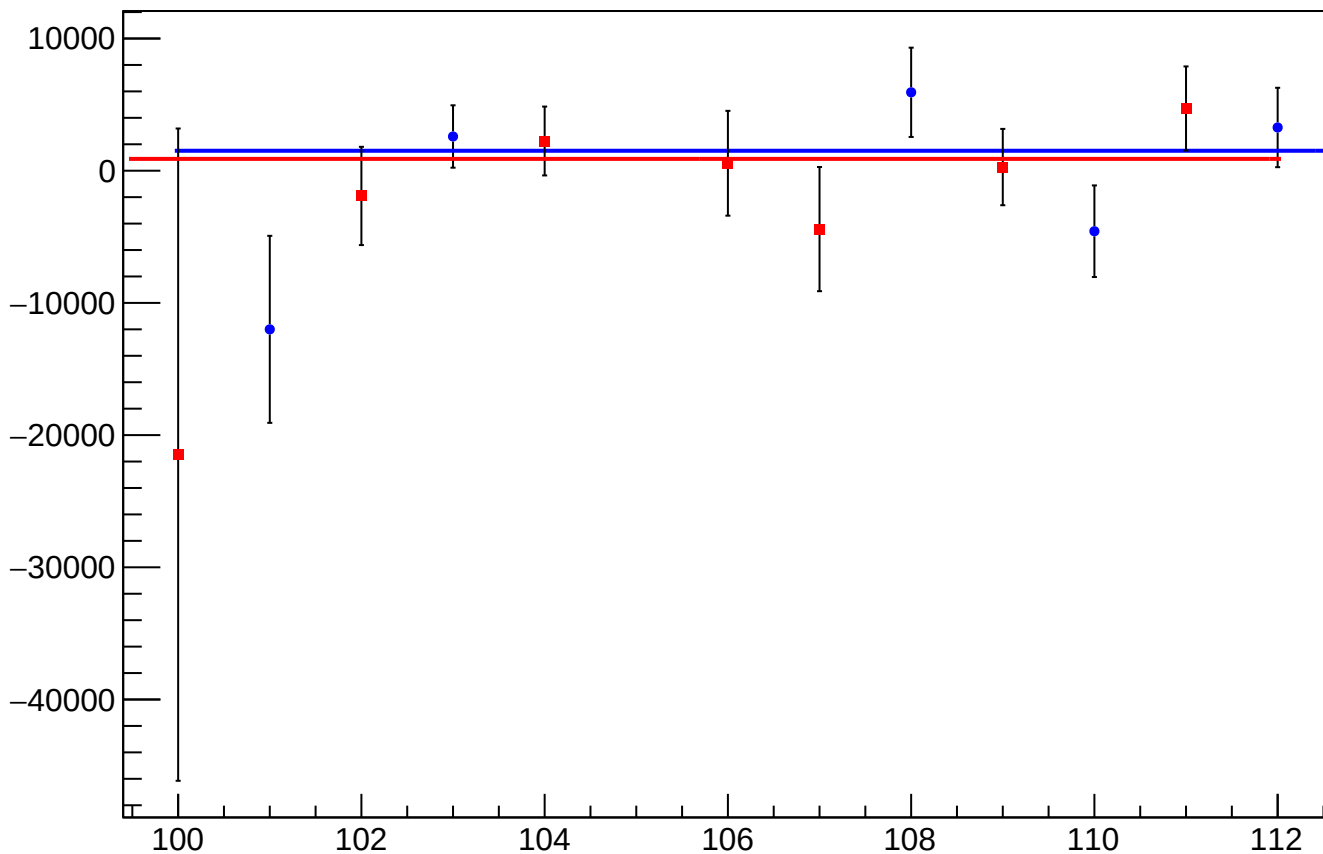
Right: 466.463+/-0.173 χ^2/NDF : 1287603.9/11

In: 426.678+/-0.226 χ^2/NDF : 897276.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 466.463+/-0.173 χ^2/NDF : 1287603.9/11

eigen_cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 1509.146+/-1441.228 χ^2/NDF : 9.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 894.369+/-1349.460 χ^2/NDF : 4.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

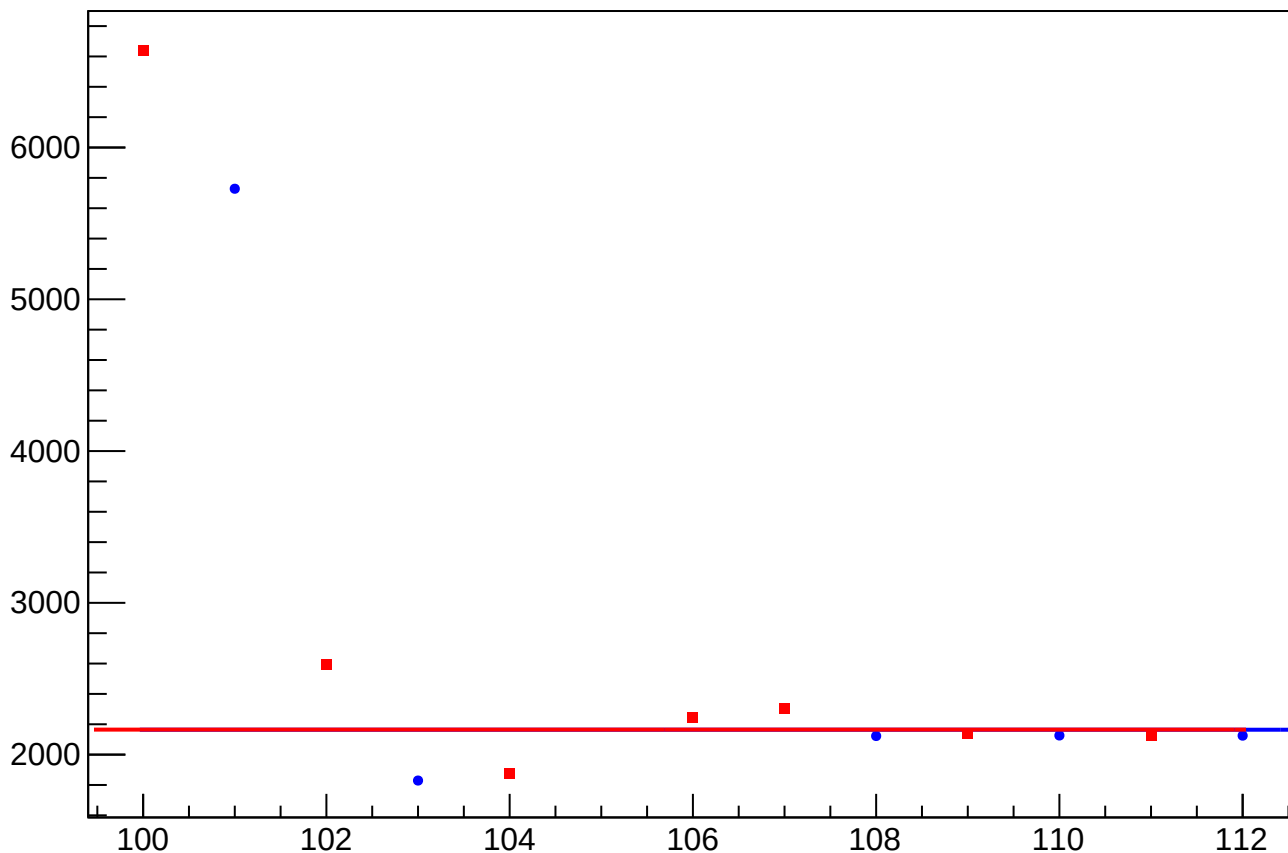
Right: 1181.563+/-985.058 χ^2/NDF : 13.5/11

In: 1509.146+/-1441.228 χ^2/NDF : 9.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1181.563+/-985.058 χ^2/NDF : 13.5/11

eigen_cor_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2164.005+/-1.019 χ^2/NDF : 548892.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2164.741+/-0.954 χ^2/NDF : 120813.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

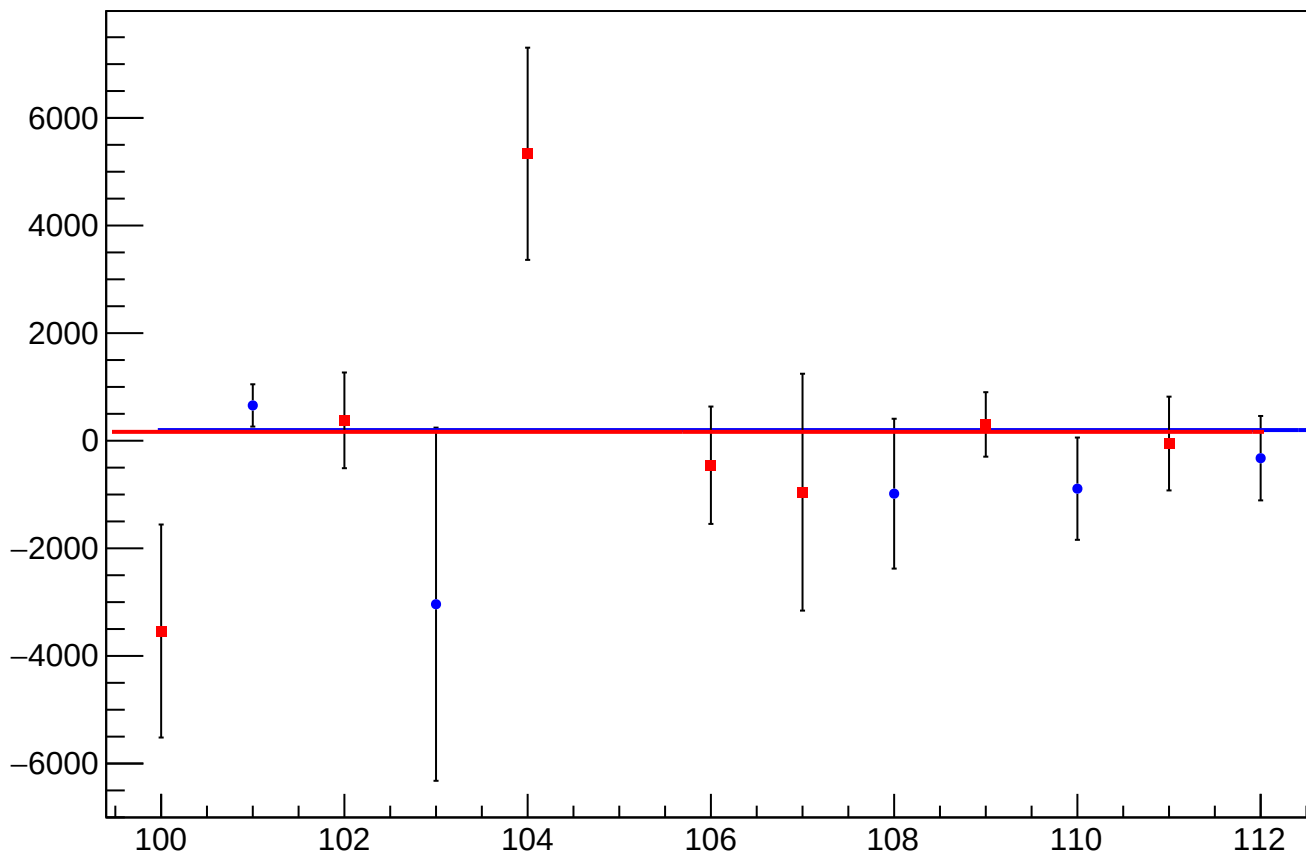
Right: 2164.397+/-0.697 χ^2/NDF : 669706.7/11

In: 2164.005+/-1.019 χ^2/NDF : 548892.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2164.397+/-0.697 χ^2/NDF : 669706.7/11

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 198.198+/-319.217 χ^2/NDF : 4.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 164.966+/-380.028 χ^2/NDF : 11.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

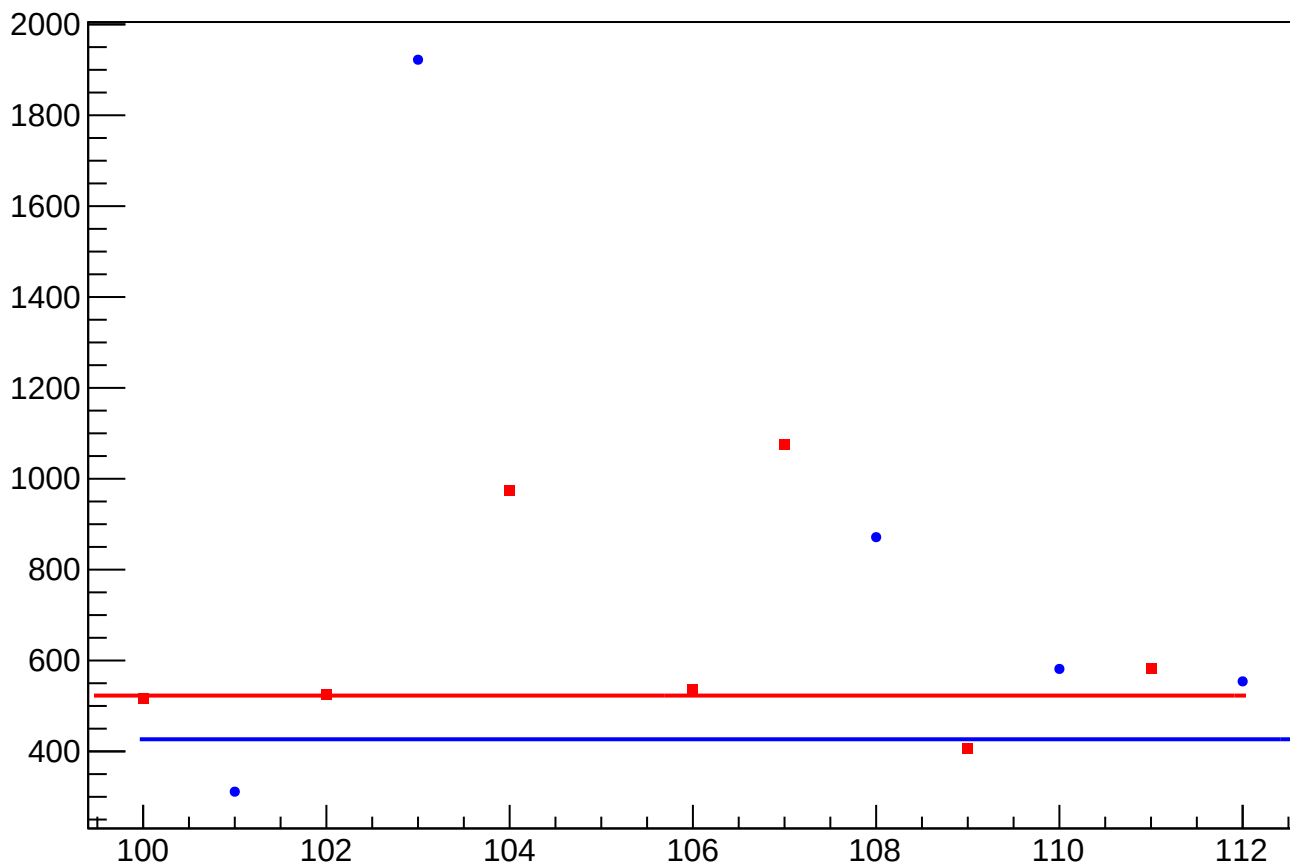
Right: 184.451+/-244.428 χ^2/NDF : 15.9/11

In: 198.198+/-319.217 χ^2/NDF : 4.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.451+/-244.428 χ^2/NDF : 15.9/11

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 426.678+/-0.226 χ^2/NDF : 897276.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 522.849+/-0.269 χ^2/NDF : 315231.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

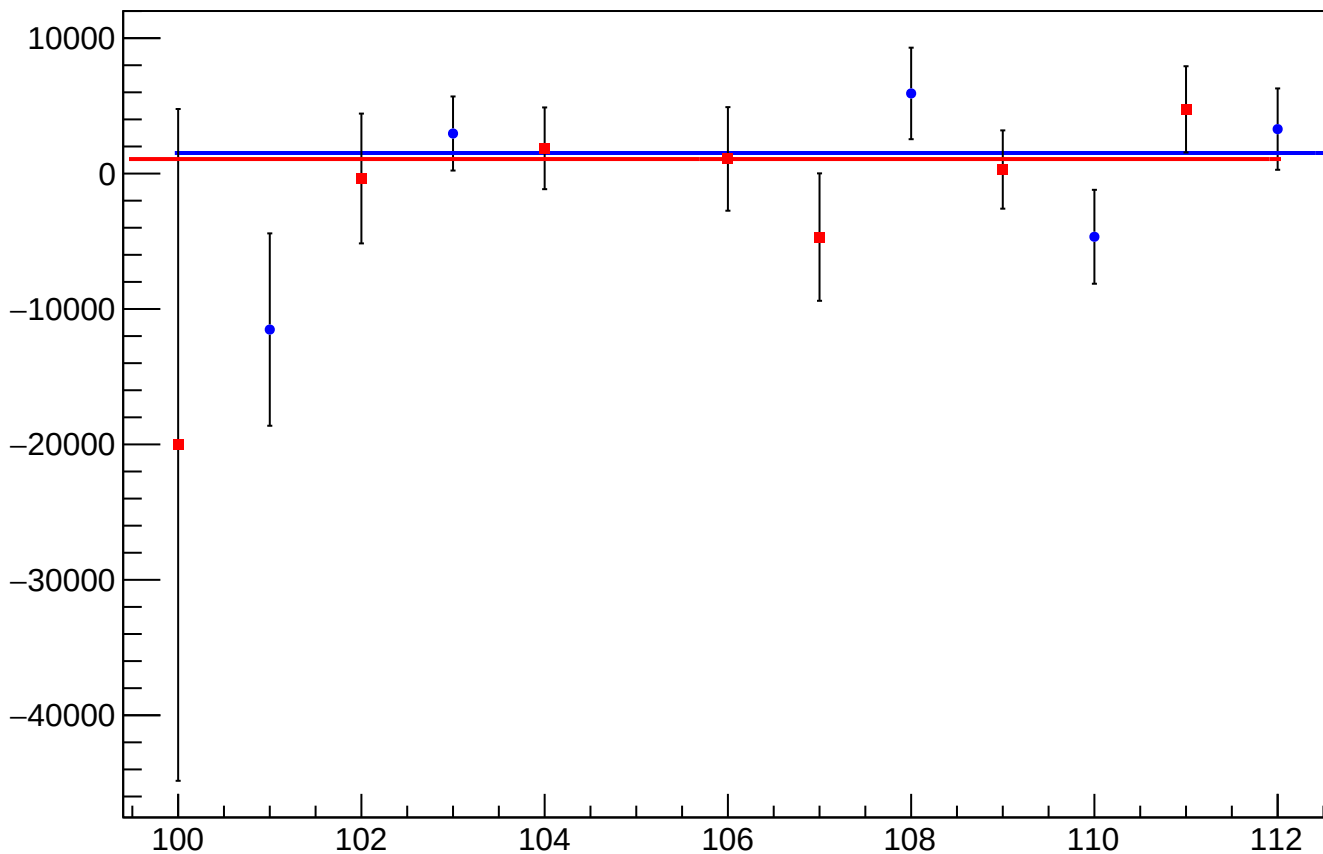
Right: 466.463+/-0.173 χ^2/NDF : 1287603.9/11

In: 426.678+/-0.226 χ^2/NDF : 897276.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 466.463+/-0.173 χ^2/NDF : 1287603.9/11

dit_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 1519.329+/-1516.153 χ^2/NDF : 8.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1072.656+/-1433.264 χ^2/NDF : 3.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

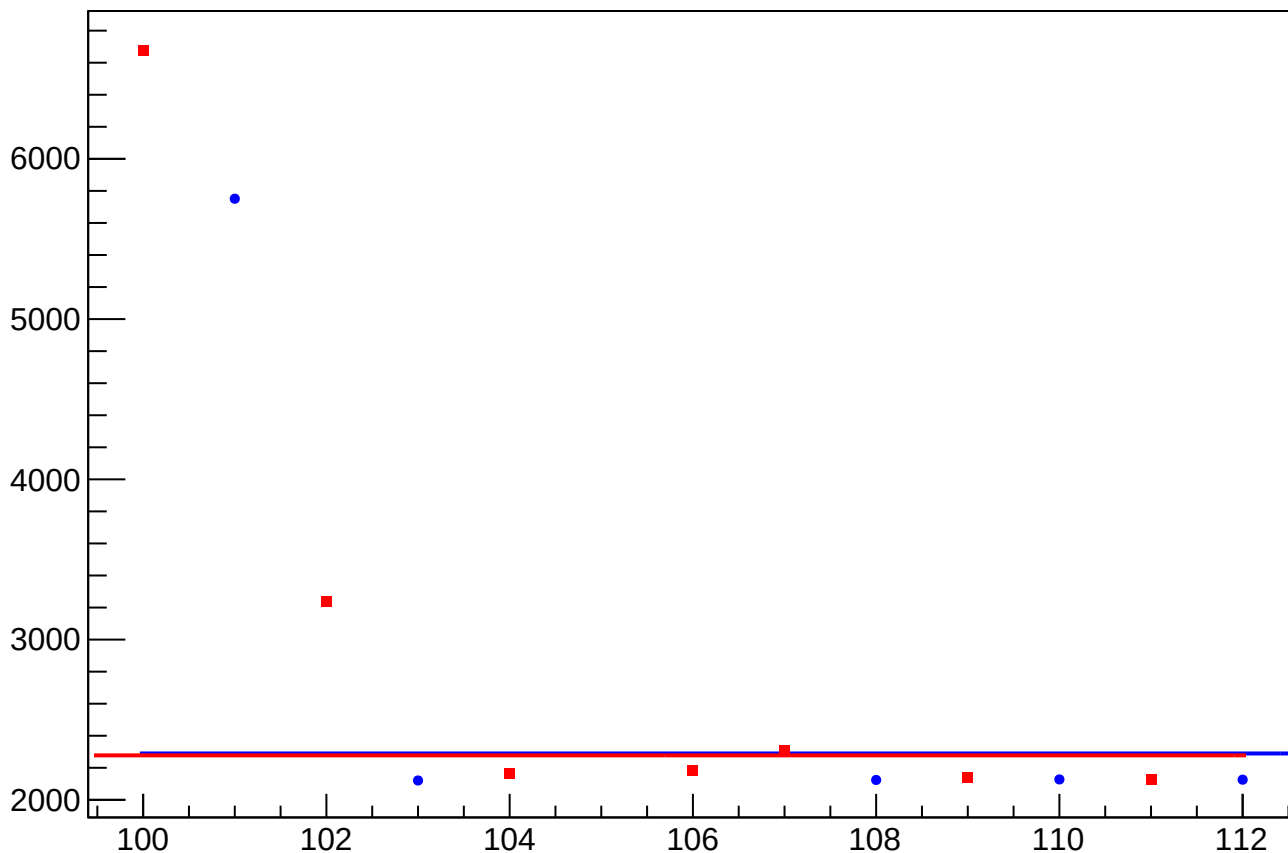
Right: 1283.449+/-1041.541 χ^2/NDF : 12.7/11

In: 1519.329+/-1516.153 χ^2/NDF : 8.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1283.449+/-1041.541 χ^2/NDF : 12.7/11

dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2289.409+/-1.072 χ^2/NDF : 497723.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2277.596+/-1.013 χ^2/NDF : 156316.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

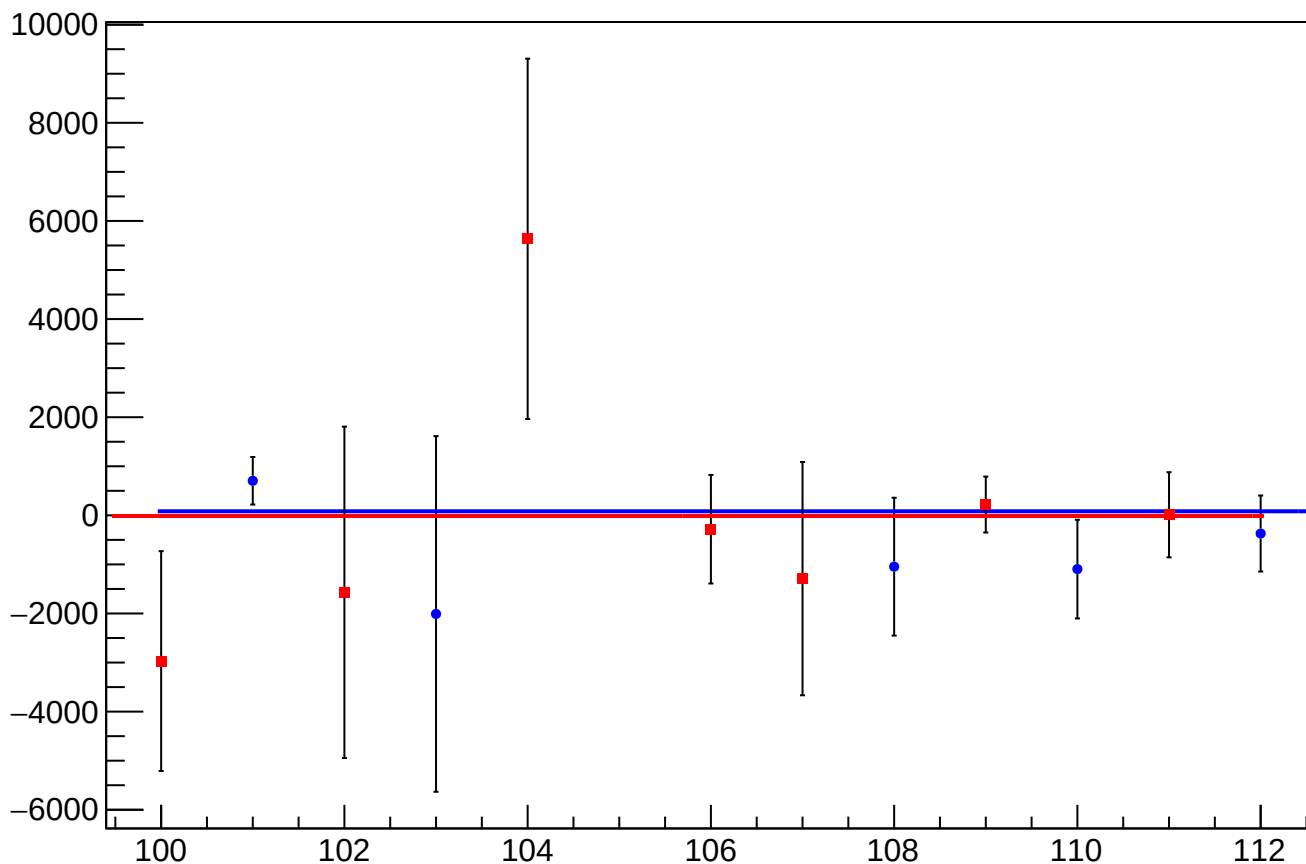
Right: 2283.171+/-0.736 χ^2/NDF : 654104.1/11

In: 2289.409+/-1.072 χ^2/NDF : 497723.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2283.171+/-0.736 χ^2/NDF : 654104.1/11

asym_us_avg_at1lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 82.900+/-365.135 χ^2/NDF : 4.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.527+/-416.651 χ^2/NDF : 4.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

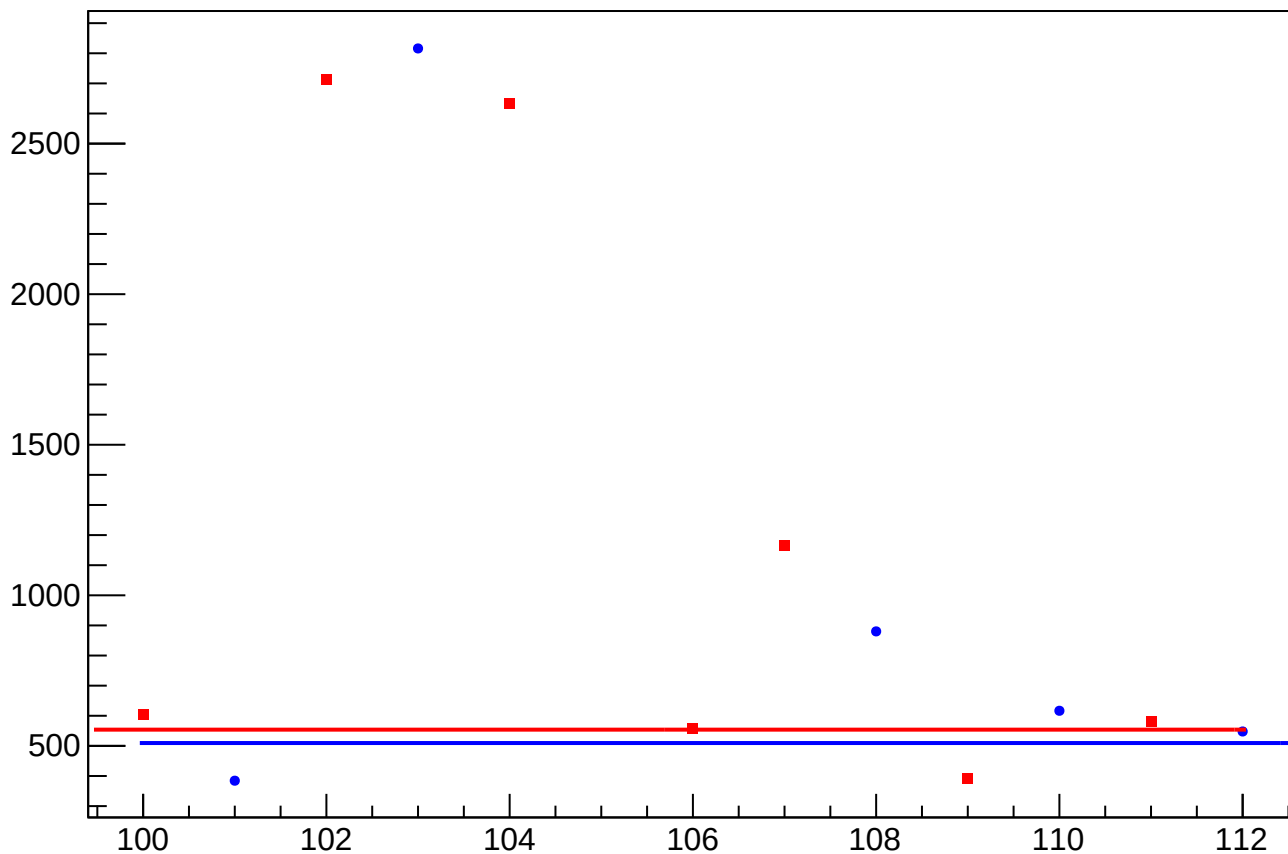
Right: 41.013+/-274.607 χ^2/NDF : 9.2/11

In: 82.900+/-365.135 χ^2/NDF : 4.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.013+/-274.607 χ^2/NDF : 9.2/11

asym_us_avg_at1lr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 509.444+/-0.258 χ^2/NDF : 1110438.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 553.903+/-0.295 χ^2/NDF : 1757407.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

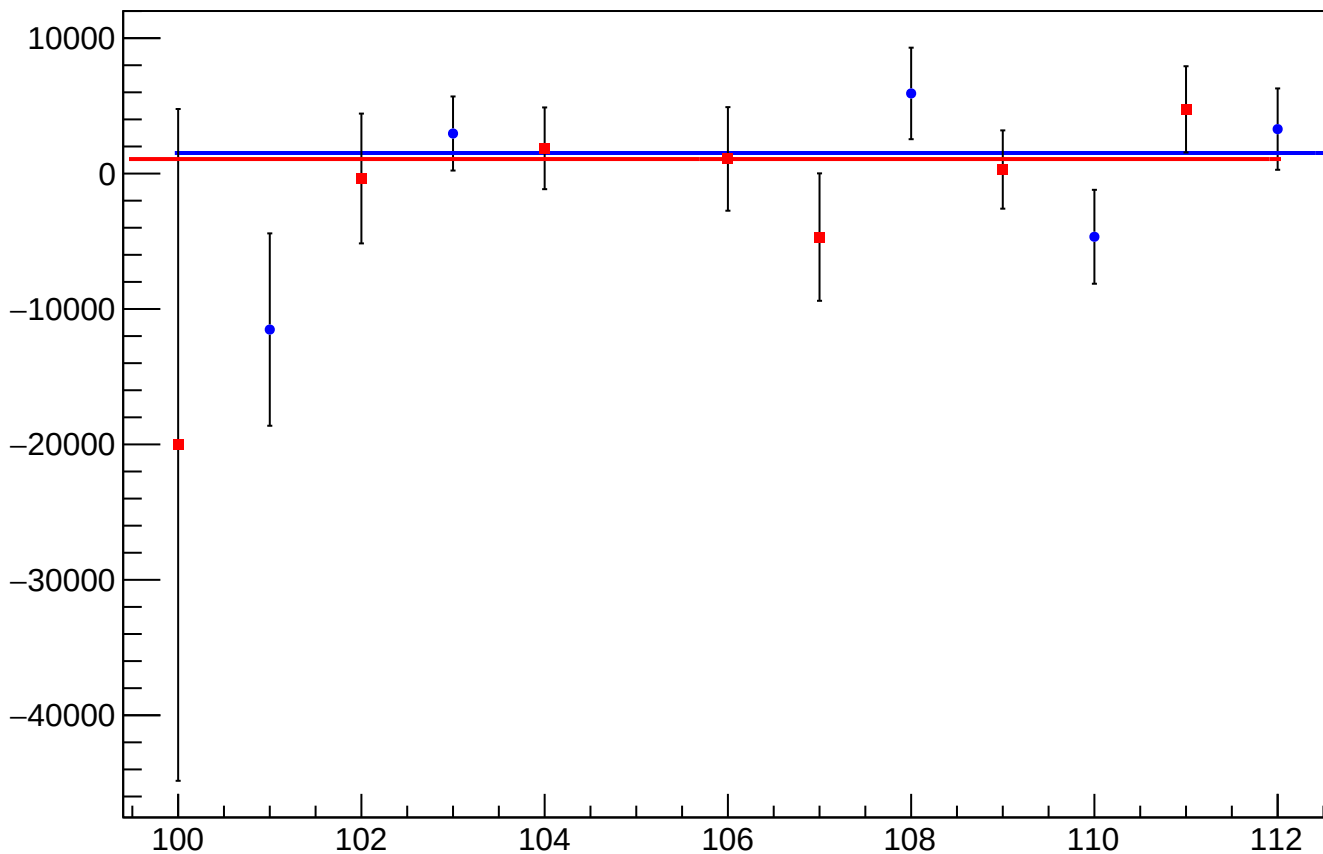
Right: 528.756+/-0.194 χ^2/NDF : 2880725.8/11

In: 509.444+/-0.258 χ^2/NDF : 1110438.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 528.756+/-0.194 χ^2/NDF : 2880725.8/11

eigen_dit_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 1519.333+/-1516.153 χ^2/NDF : 8.9/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1072.658+/-1433.263 χ^2/NDF : 3.8/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

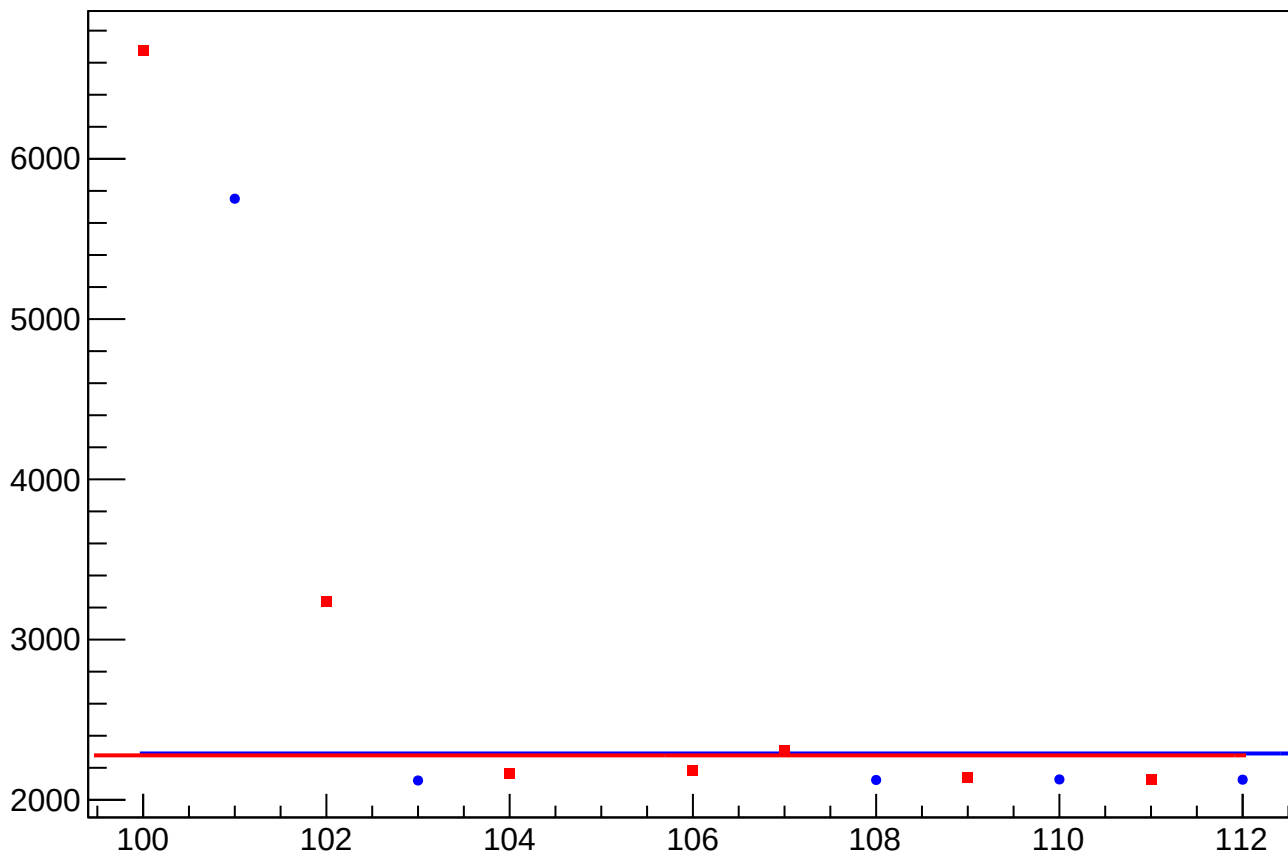
Right: 1283.452+/-1041.541 χ^2/NDF : 12.7/11

In: 1519.333+/-1516.153 χ^2/NDF :8.9/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1283.452+/-1041.541 χ^2/NDF : 12.7/11

eigen_dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2289.408+/-1.072 χ^2/NDF : 497723.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2277.596+/-1.013 χ^2/NDF : 156316.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

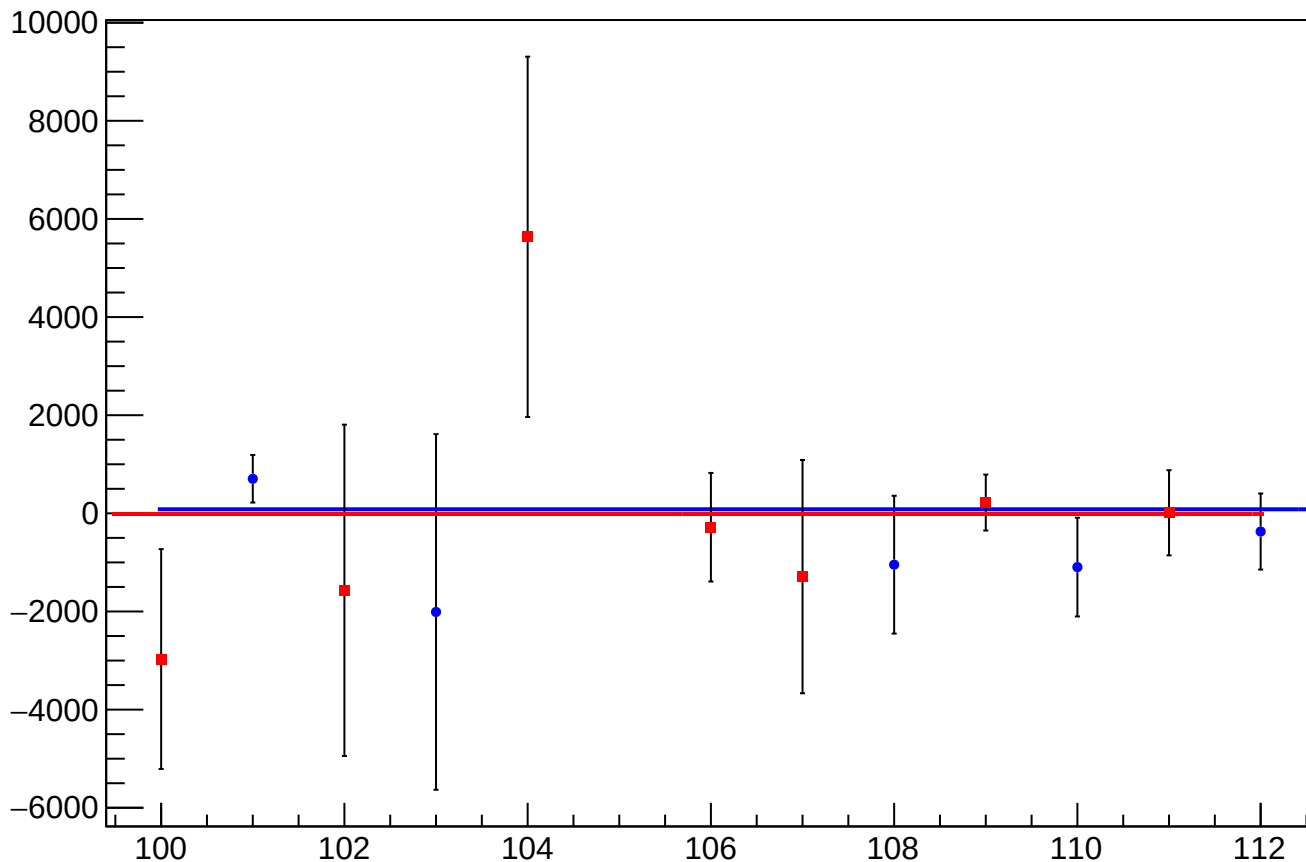
Right: 2283.170+/-0.736 χ^2/NDF : 654104.0/11

In: 2289.408+/-1.072 χ^2/NDF : 497723.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2283.170+/-0.736 χ^2/NDF : 654104.0/11

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 82.898+/-365.134 χ^2/NDF : 4.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.527+/-416.648 χ^2/NDF : 4.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

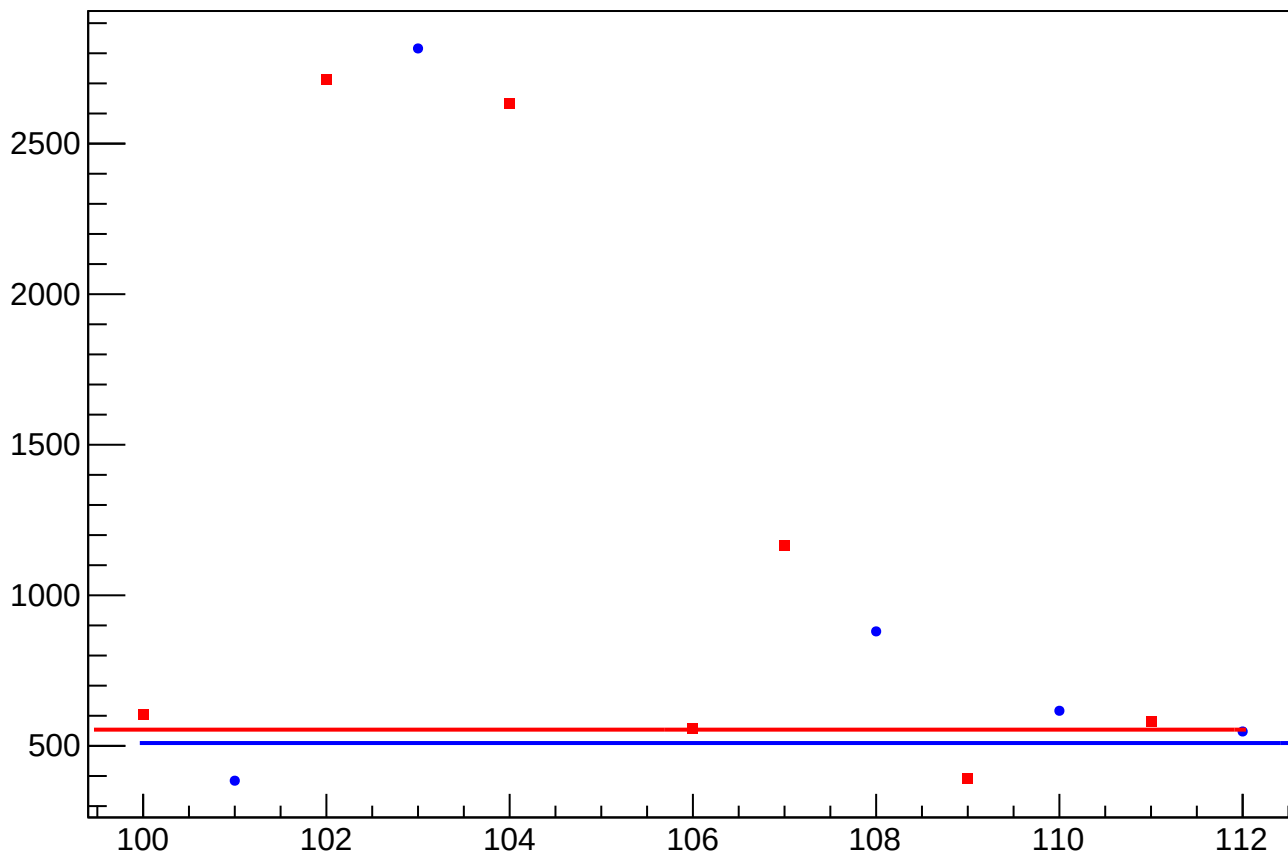
Right: 41.012+/-274.606 χ^2/NDF : 9.2/11

In: 82.898+/-365.134 χ^2/NDF : 4.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.012+/-274.606 χ^2/NDF : 9.2/11

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 509.443+/-0.258 χ^2/NDF : 1110434.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 553.898+/-0.295 χ^2/NDF : 1757422.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

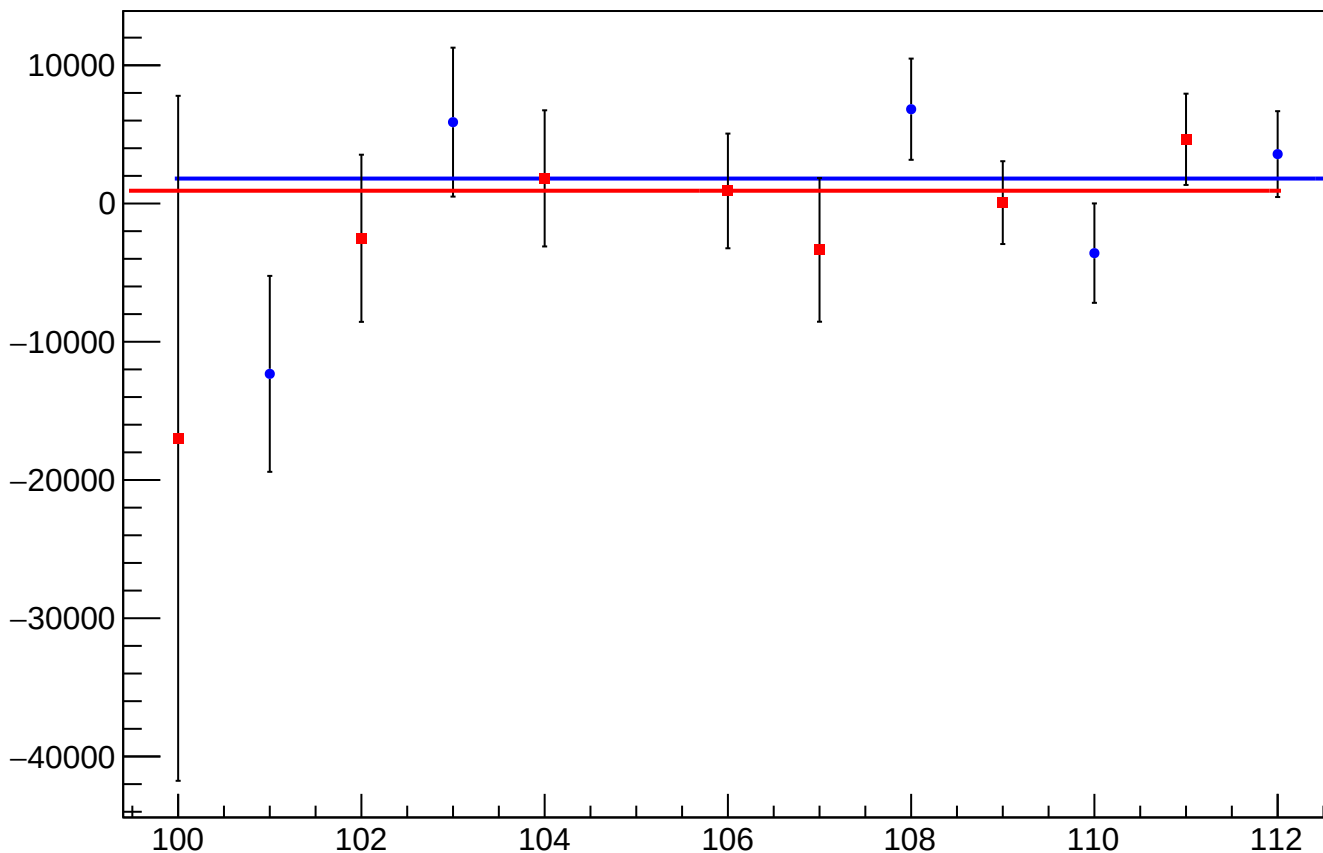
Right: 528.754+/-0.194 χ^2/NDF : 2880734.3/11

In: 509.443+/-0.258 χ^2/NDF : 1110434.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 528.754+/-0.194 χ^2/NDF : 2880734.3/11

asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 1805.956+/-1795.984 χ^2/NDF : 9.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 925.158+/-1647.281 χ^2/NDF : 2.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

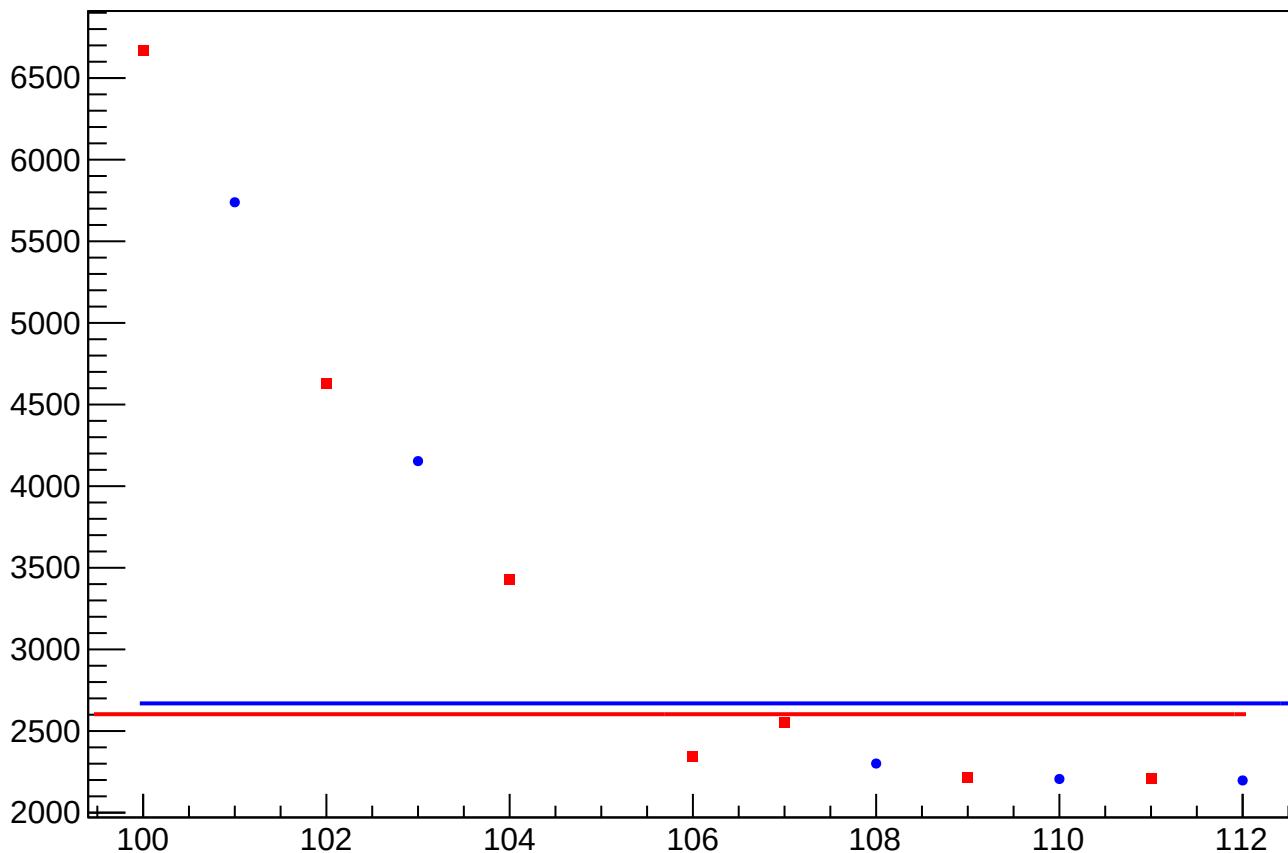
Right: 1327.589+/-1213.976 χ^2/NDF : 12.0/11

In: 1805.956+/-1795.984 χ^2/NDF : 9.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1327.589+/-1213.976 χ^2/NDF : 12.0/11

asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2669.385+/-1.270 χ^2/NDF : 626651.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2603.061+/-1.165 χ^2/NDF : 404235.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

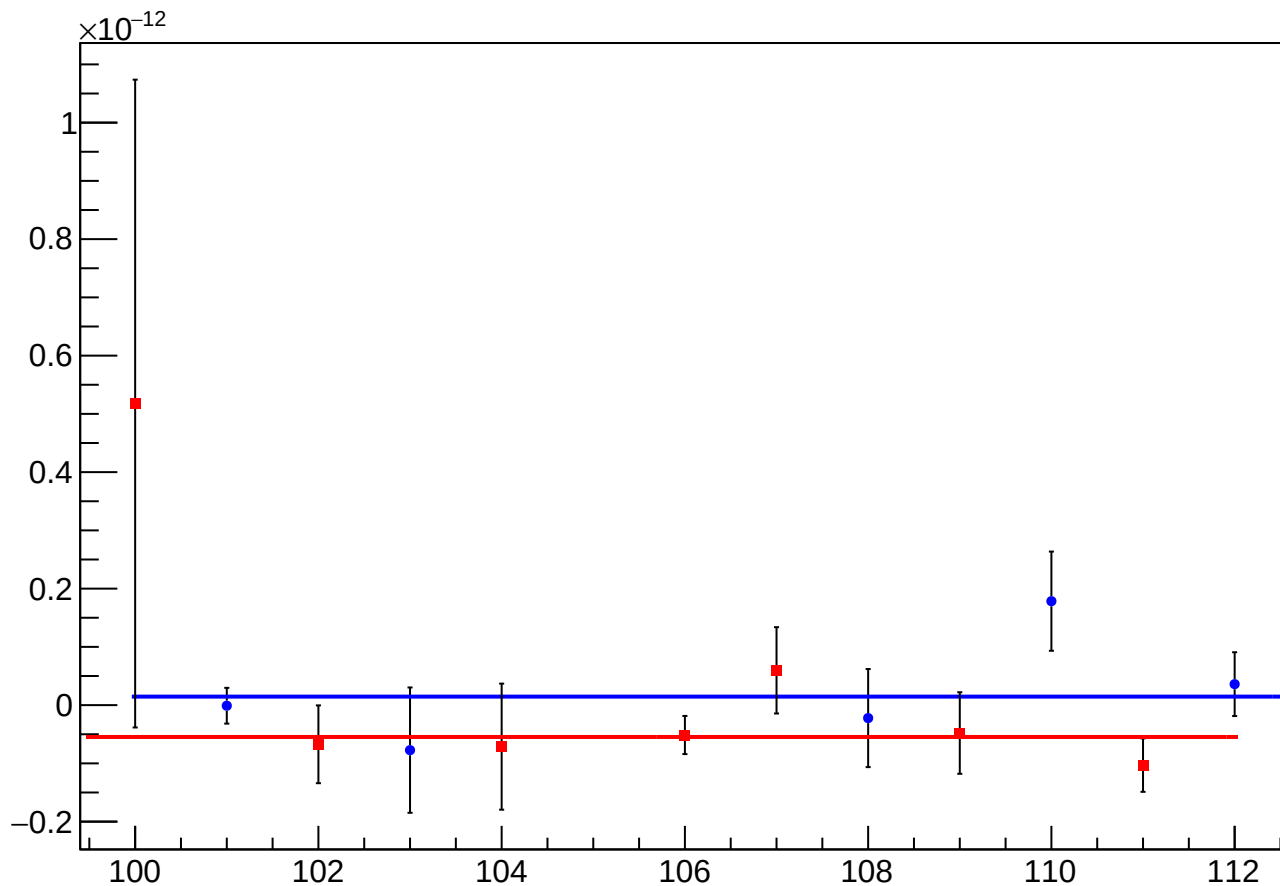
Right: 2633.364+/-0.858 χ^2/NDF : 1032368.1/11

In: 2669.385+/-1.270 χ^2/NDF : 626651.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2633.364+/-0.858 χ^2/NDF : 1032368.1/11

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

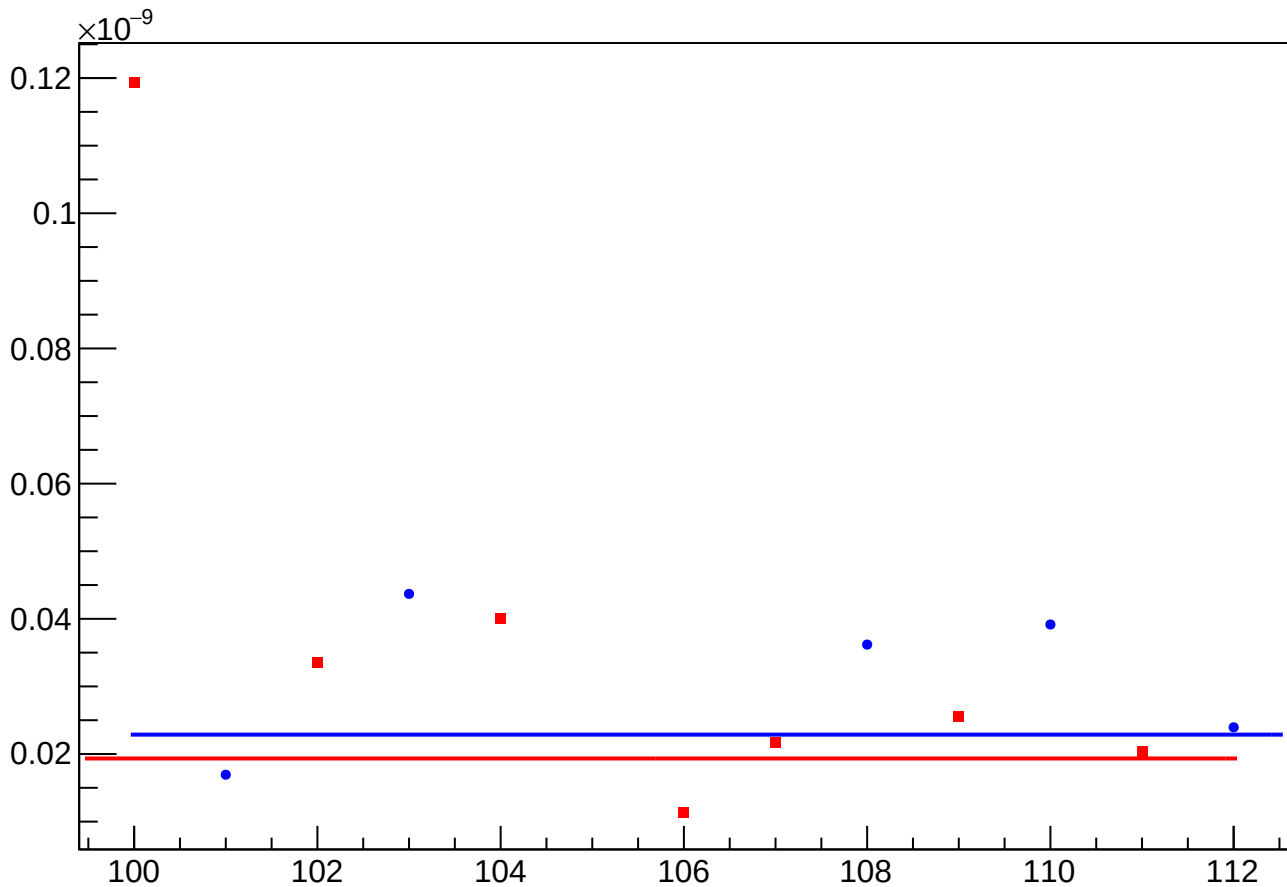
Right: -0.000+/-0.000 χ^2/NDF : 14.3/11

In: 0.000+/-0.000 χ^2/NDF : 5.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.3/11

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 273503.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 366655.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

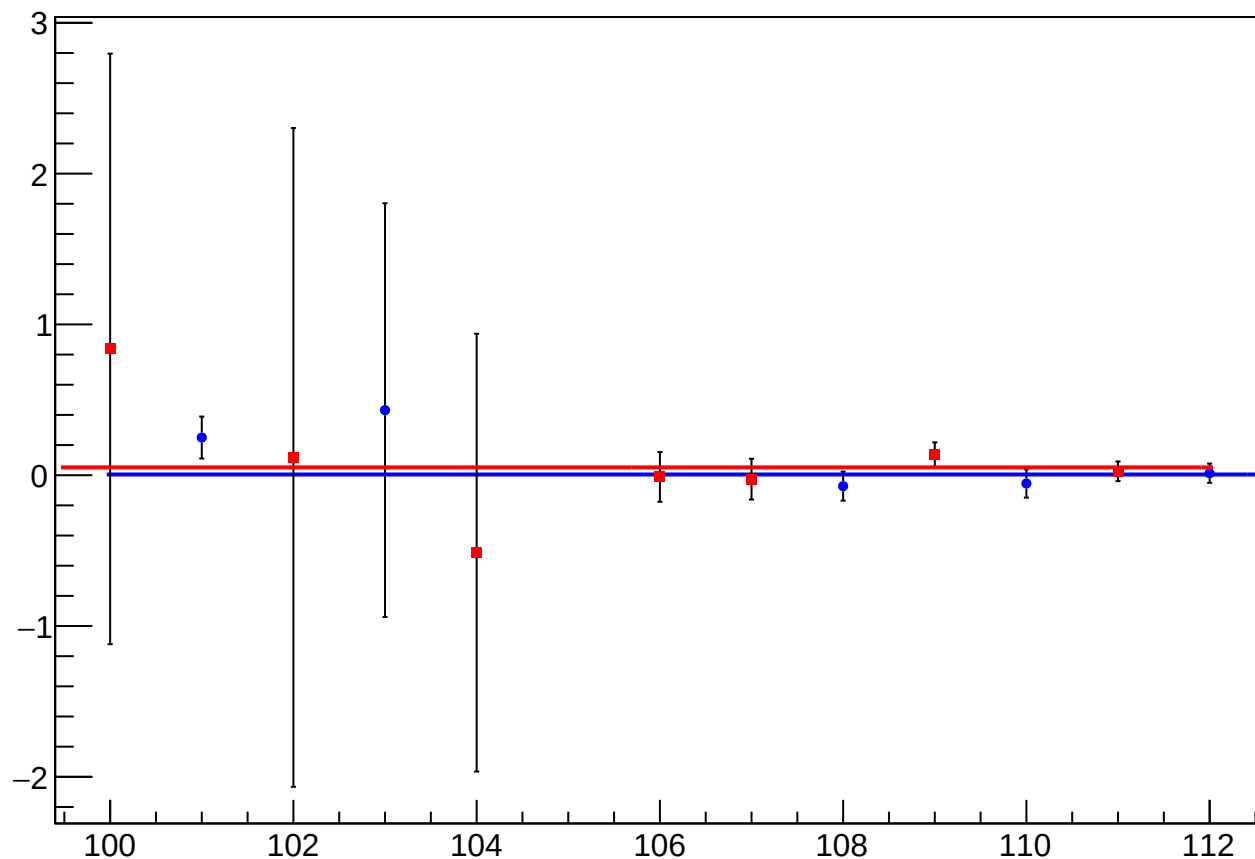
Right: 0.000+/-0.000 χ^2/NDF : 664049.5/11

In: 0.000+/-0.000 χ^2/NDF : 273503.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 664049.5/11

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.044 χ^2/NDF : 4.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.052+/-0.046 χ^2/NDF : 2.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

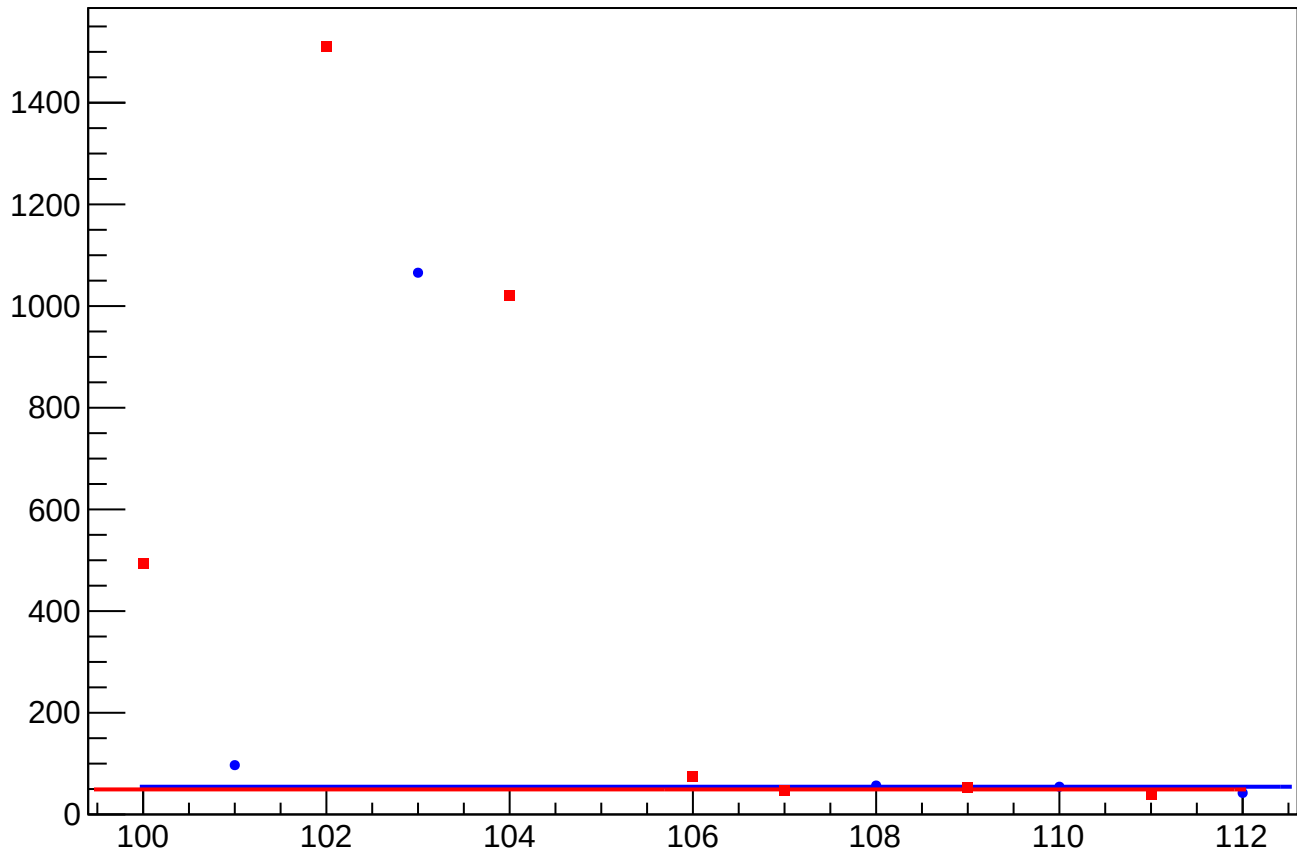
Right: 0.027+/-0.032 χ^2/NDF : 6.8/11

In: 0.005+/-0.044 χ^2/NDF : 4.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.027+/-0.032 χ^2/NDF : 6.8/11

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.535+/-0.031 χ^2/NDF : 1347224.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.243+/-0.032 χ^2/NDF : 1992166.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

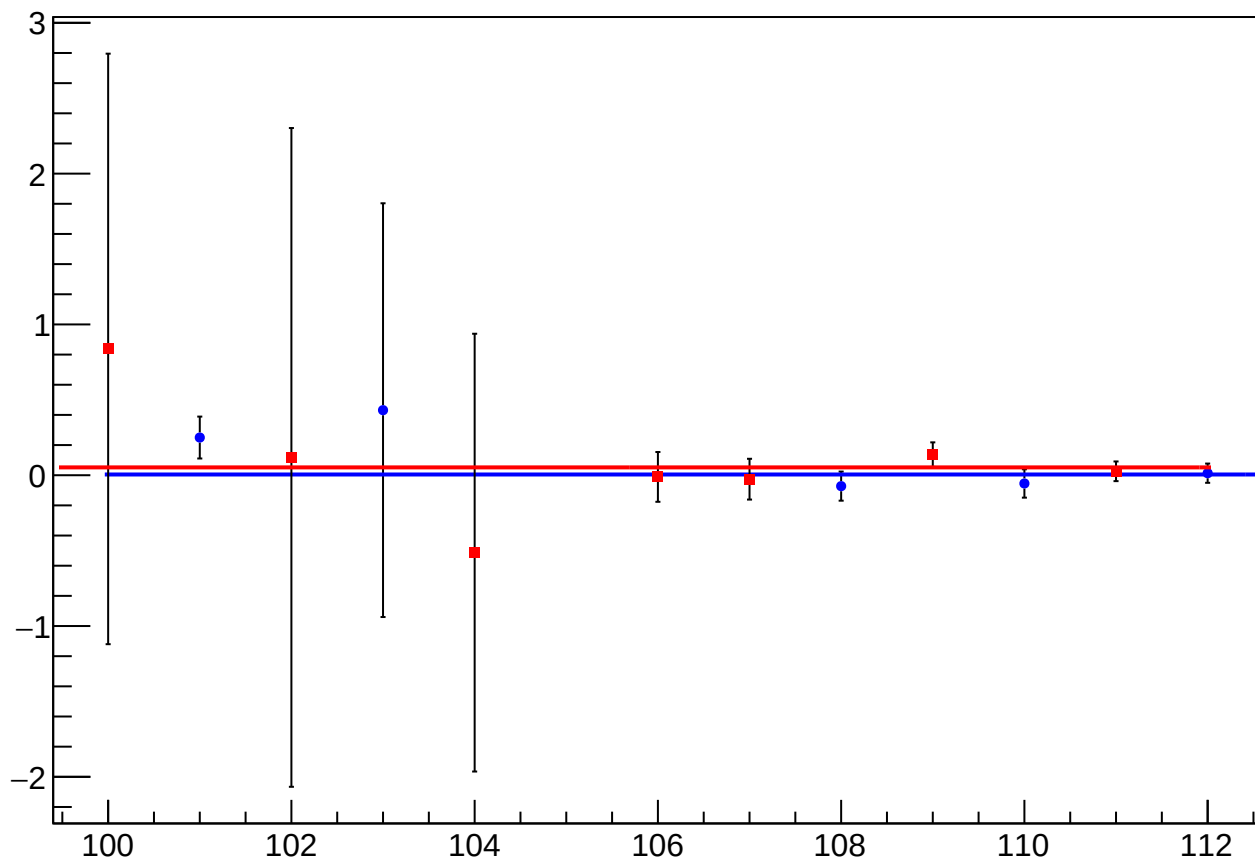
Right: 51.996+/-0.022 χ^2/NDF : 3353324.8/11

In: 54.535+/-0.031 χ^2/NDF : 1347224.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.996+/-0.022 χ^2/NDF : 3353324.8/11

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.044 χ^2 /NDF: 4.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.052 $\pm$ 0.046 χ^2 /NDF: 2.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

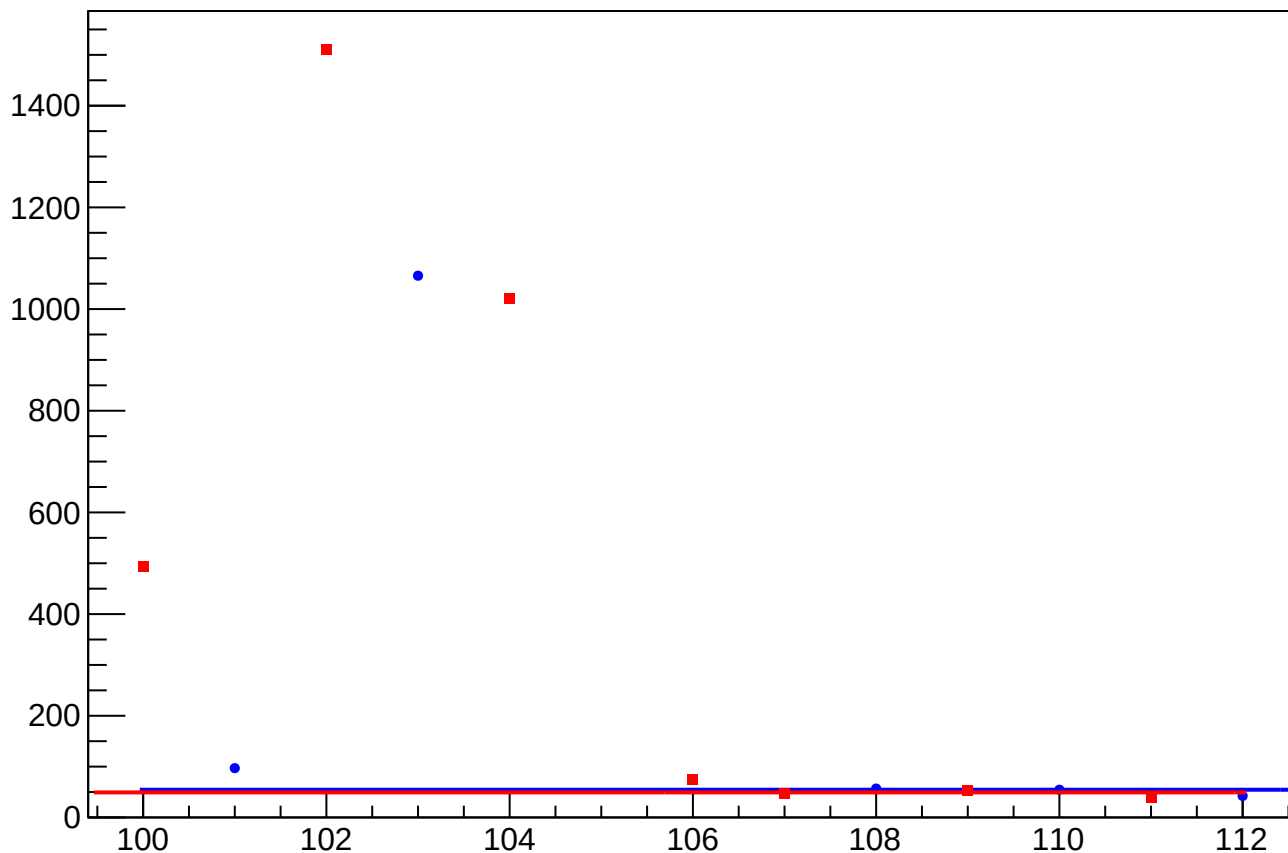
Right: 0.027 $\pm$ 0.032 χ^2 /NDF: 6.8/11

In: 0.005 $\pm$ 0.044 χ^2 /NDF:4.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.027 $\pm$ 0.032 χ^2 /NDF: 6.8/11

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.535+/-0.031 χ^2/NDF : 1347224.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.243+/-0.032 χ^2/NDF : 1992166.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

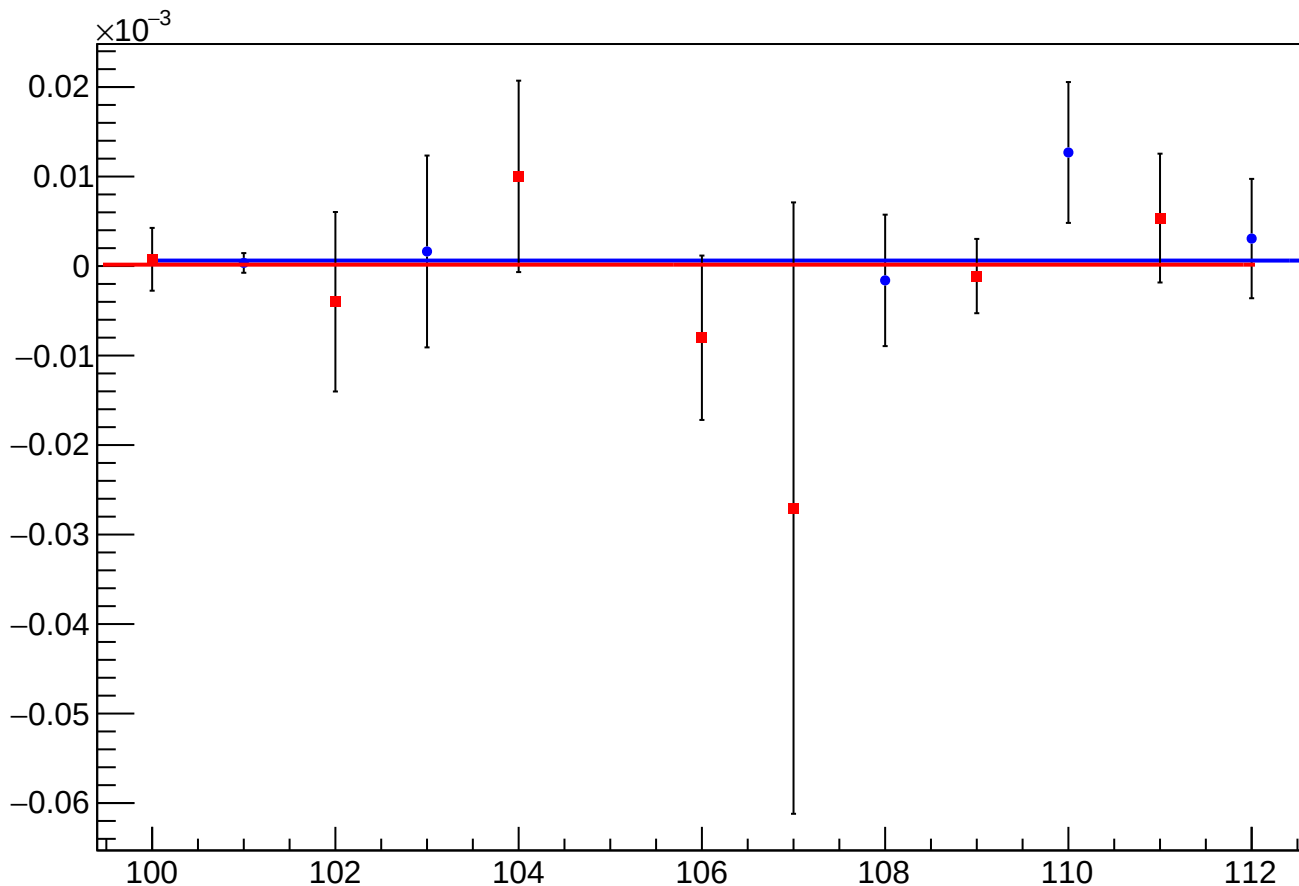
Right: 51.996+/-0.022 χ^2/NDF : 3353324.8/11

In: 54.535+/-0.031 χ^2/NDF : 1347224.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.996+/-0.022 χ^2/NDF : 3353324.8/11

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

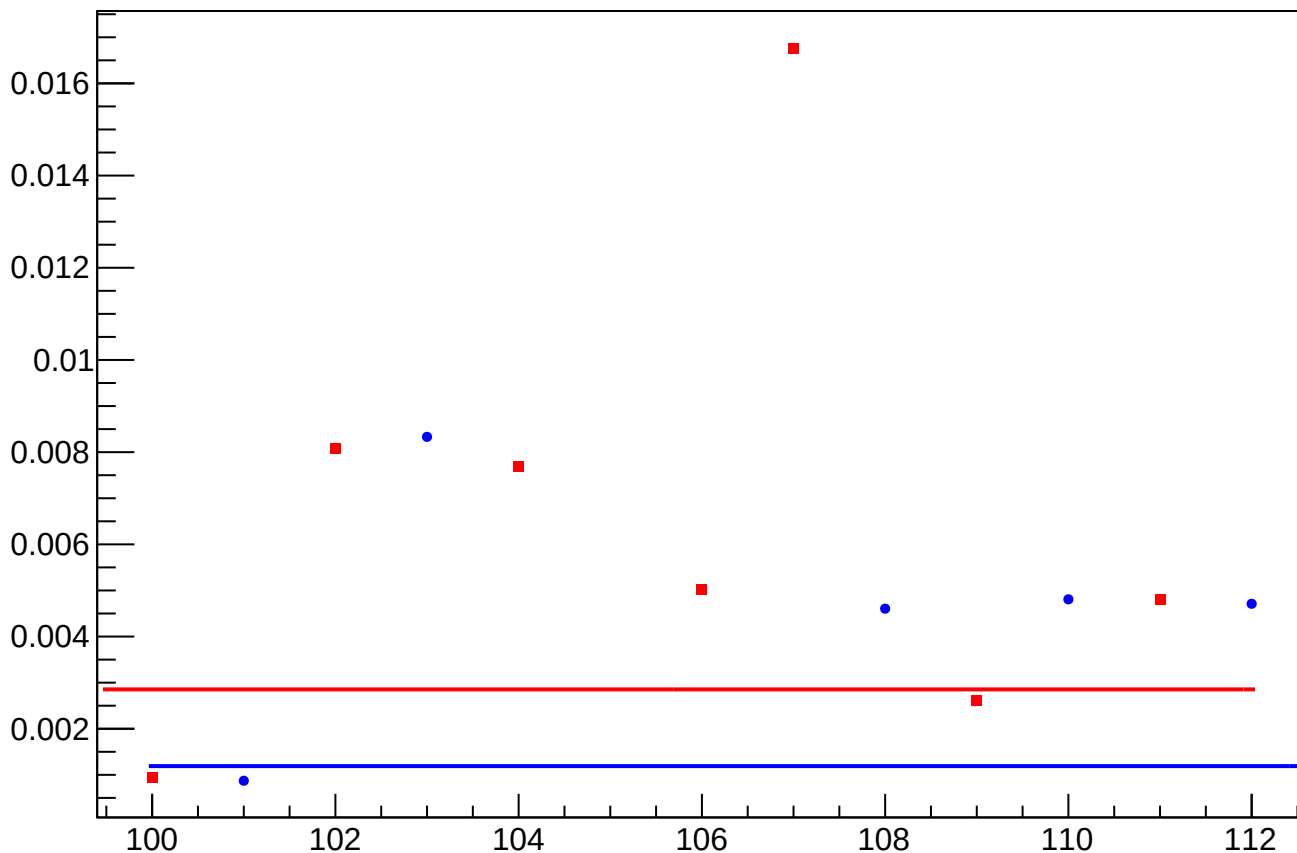
Right: 0.000+/-0.000 χ^2/NDF : 5.8/11

In: 0.000+/-0.000 χ^2/NDF : 2.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5.8/11

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 : 2468820.6/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2139178.5/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

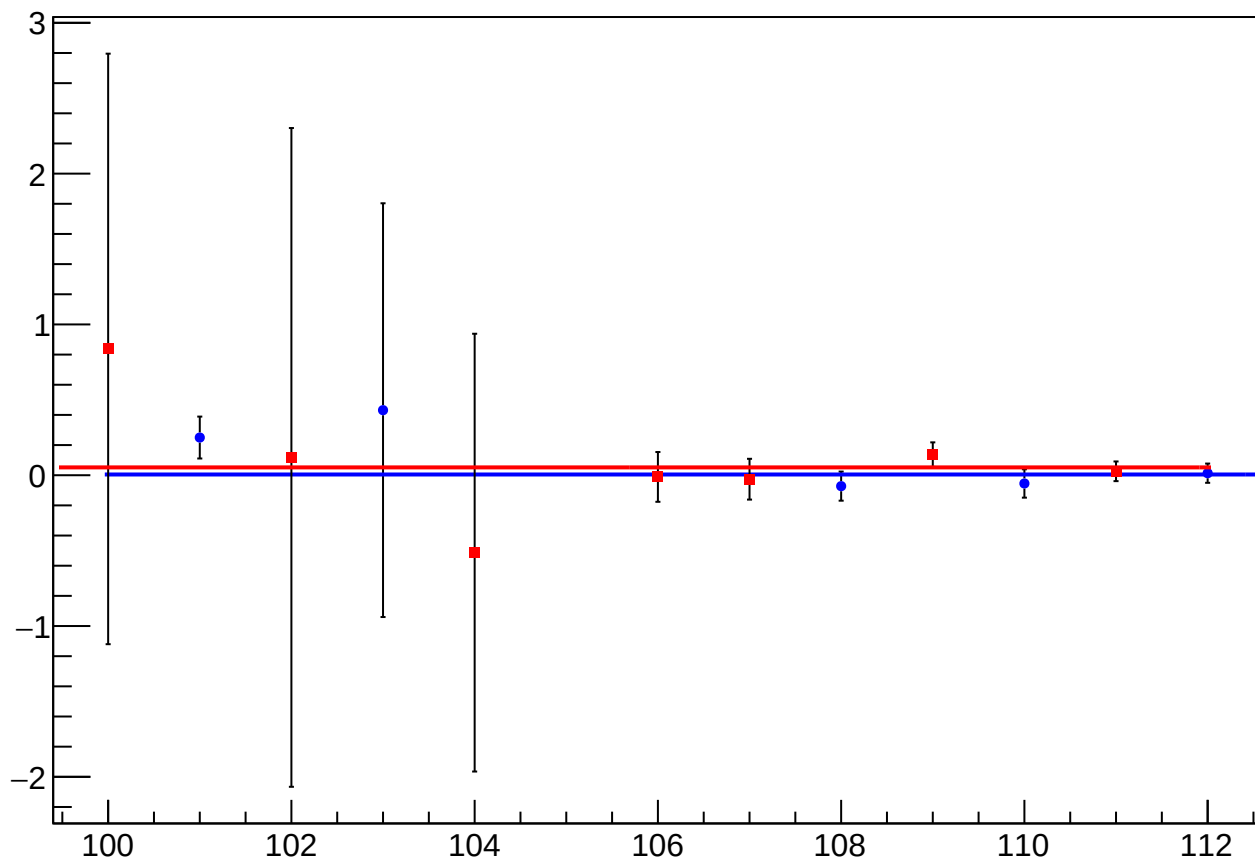
Right: 0.001+/-0.000 χ^2/NDF : 5476119.3/11

In: 0.001+/-0.000 χ^2/NDF :2468820.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5476119.3/11

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.044 χ^2 /NDF: 4.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.052 $\pm$ 0.046 χ^2 /NDF: 2.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

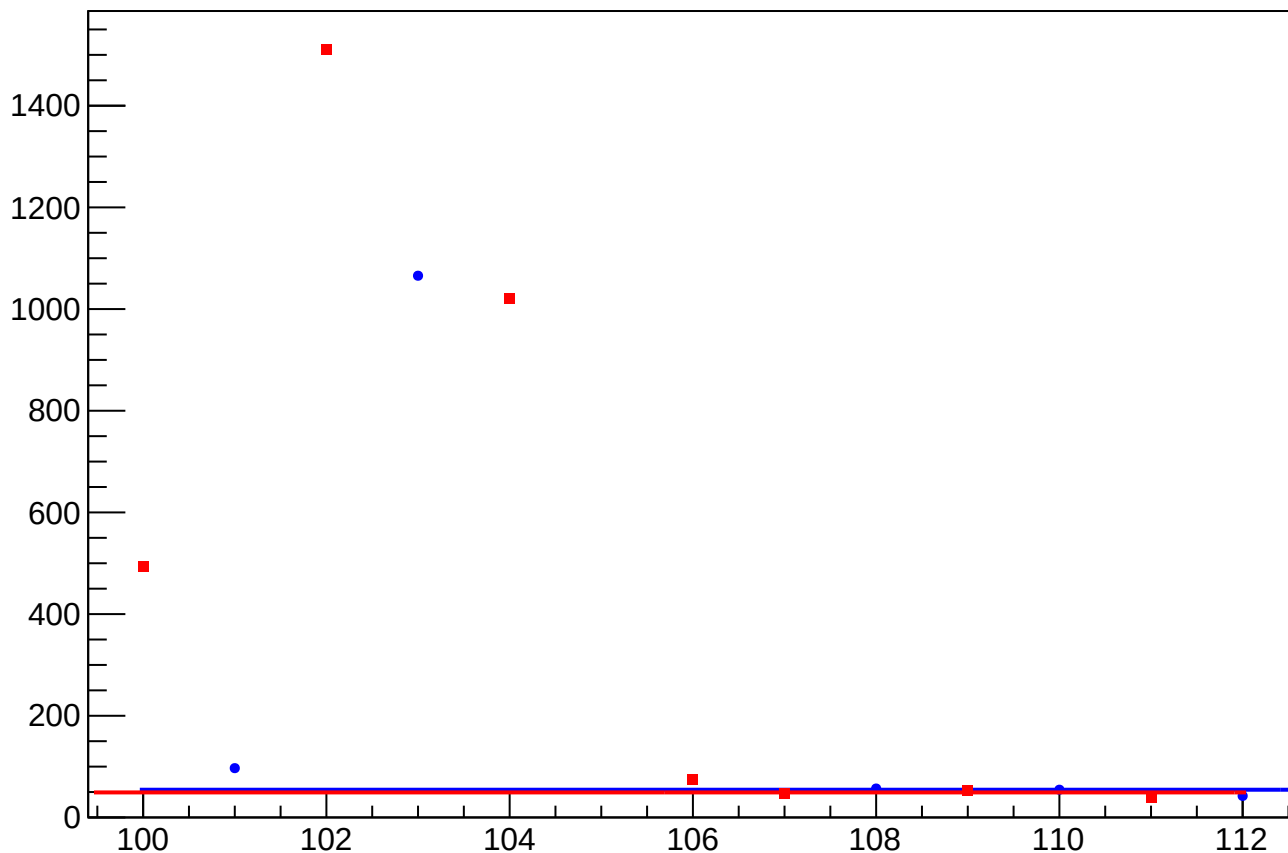
Right: 0.027 $\pm$ 0.032 χ^2 /NDF: 6.8/11

In: 0.005 $\pm$ 0.044 χ^2 /NDF:4.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.027 $\pm$ 0.032 χ^2 /NDF: 6.8/11

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.536+/-0.031 χ^2/NDF : 1347210.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.243+/-0.032 χ^2/NDF : 1992165.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

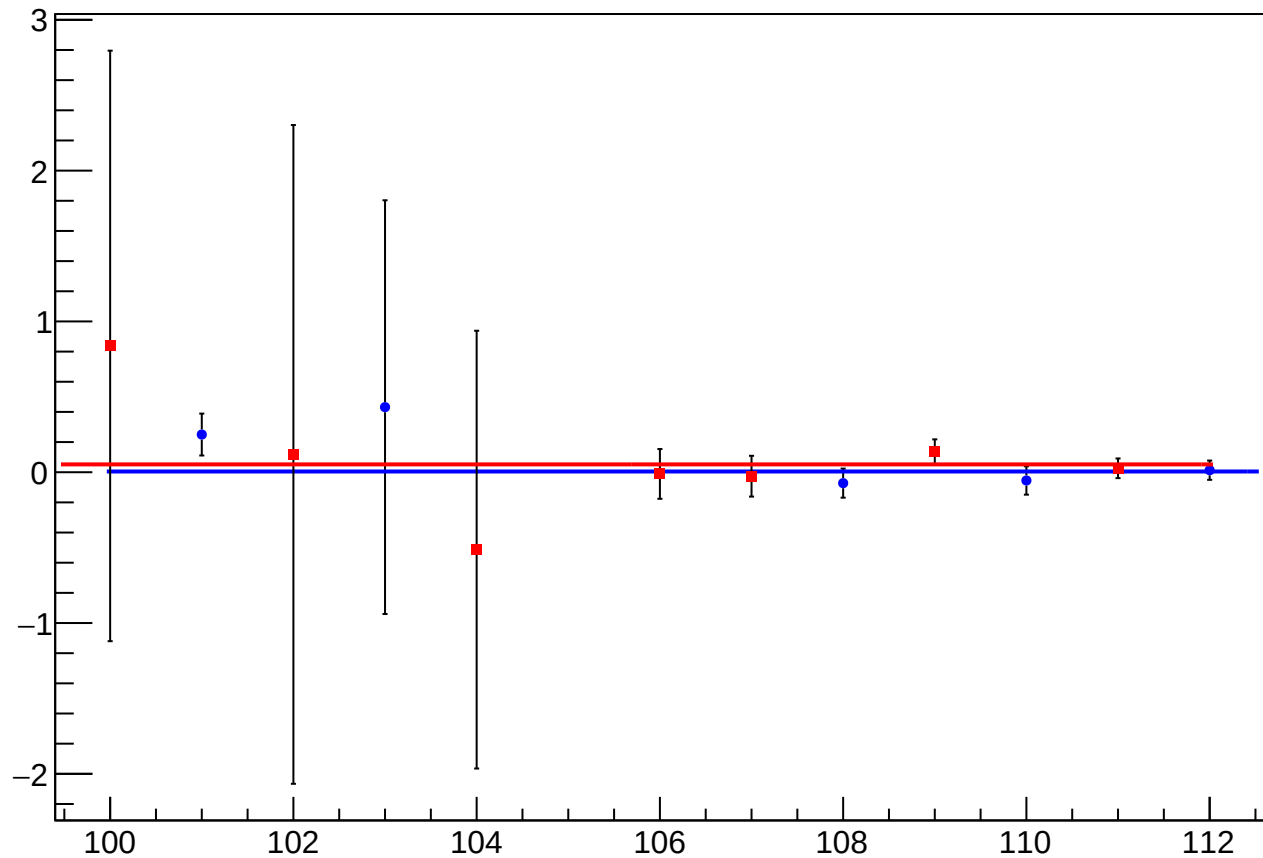
Right: 51.997+/-0.022 χ^2/NDF : 3353314.9/11

In: 54.536+/-0.031 χ^2/NDF : 1347210.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.997+/-0.022 χ^2/NDF : 3353314.9/11

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.044 χ^2 /NDF: 4.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.052 $\pm$ 0.046 χ^2 /NDF: 2.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

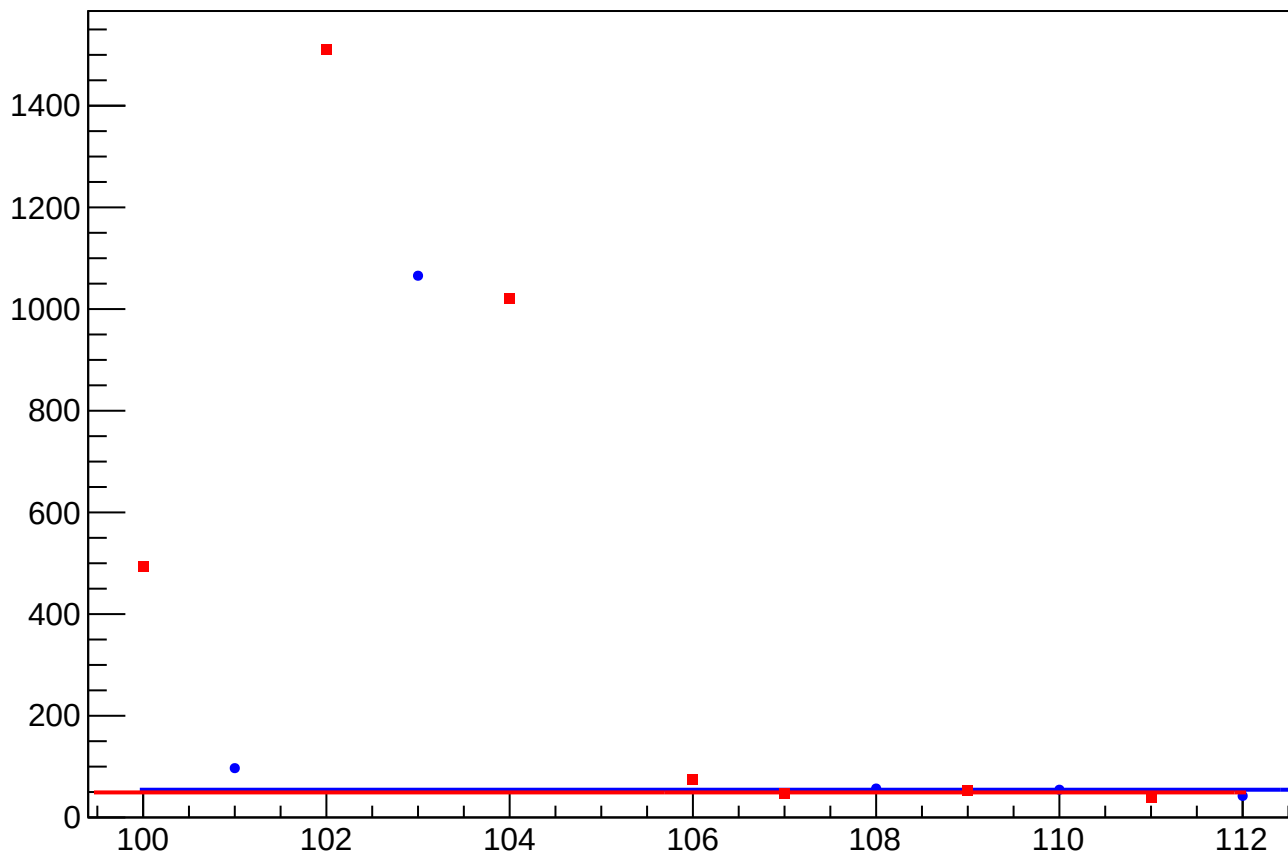
Right: 0.027 $\pm$ 0.032 χ^2 /NDF: 6.8/11

In: 0.005 $\pm$ 0.044 χ^2 /NDF:4.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.027 $\pm$ 0.032 χ^2 /NDF: 6.8/11

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.536+/-0.031 χ^2 /NDF: 1347210.3/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 49.243+/-0.032 χ^2 /NDF: 1992165.7/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

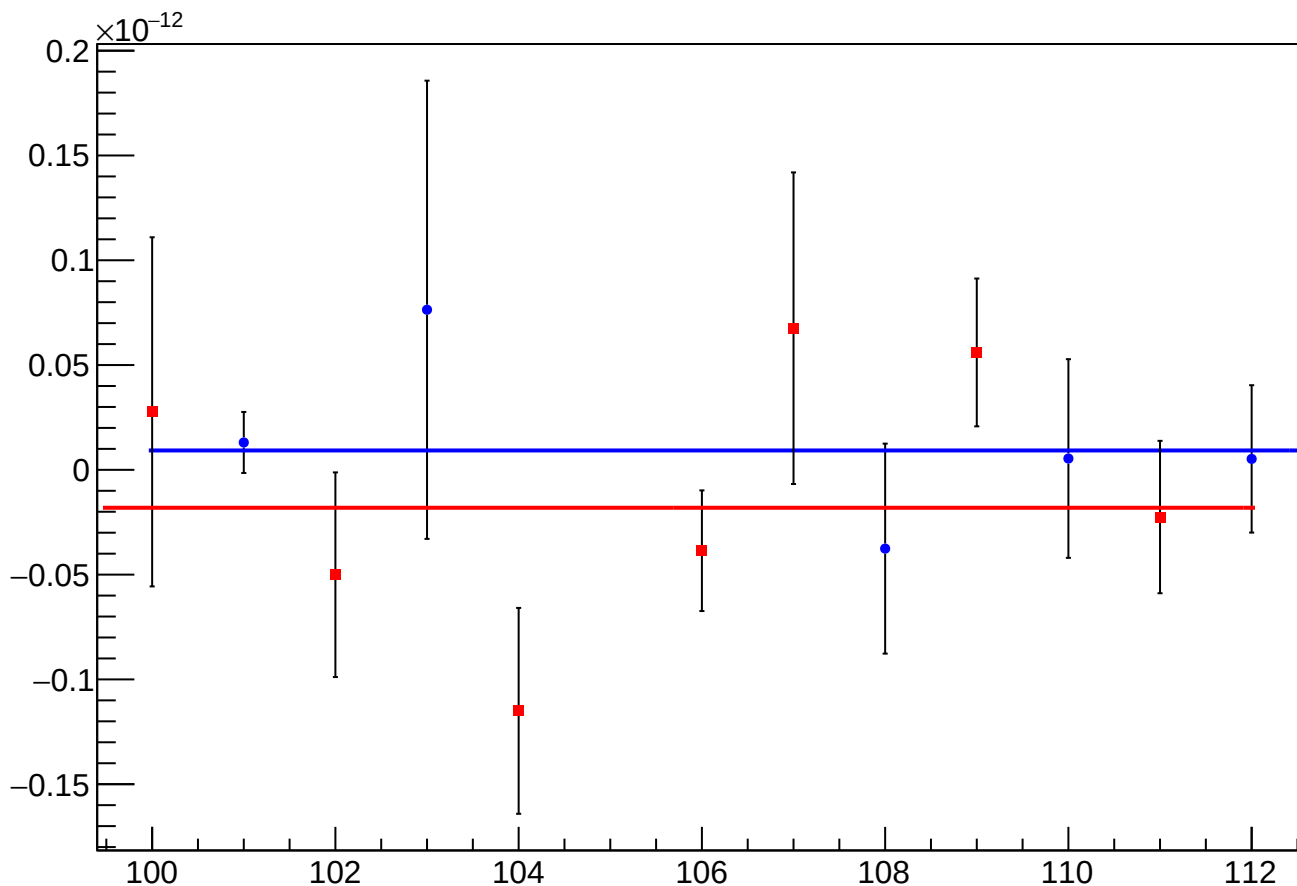
Right: 51.997+/-0.022 χ^2 /NDF: 3353314.9/11

In: 54.536+/-0.031 χ^2 /NDF:1347210.3/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 51.997+/-0.022 χ^2 /NDF: 3353314.9/11

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 : 1.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

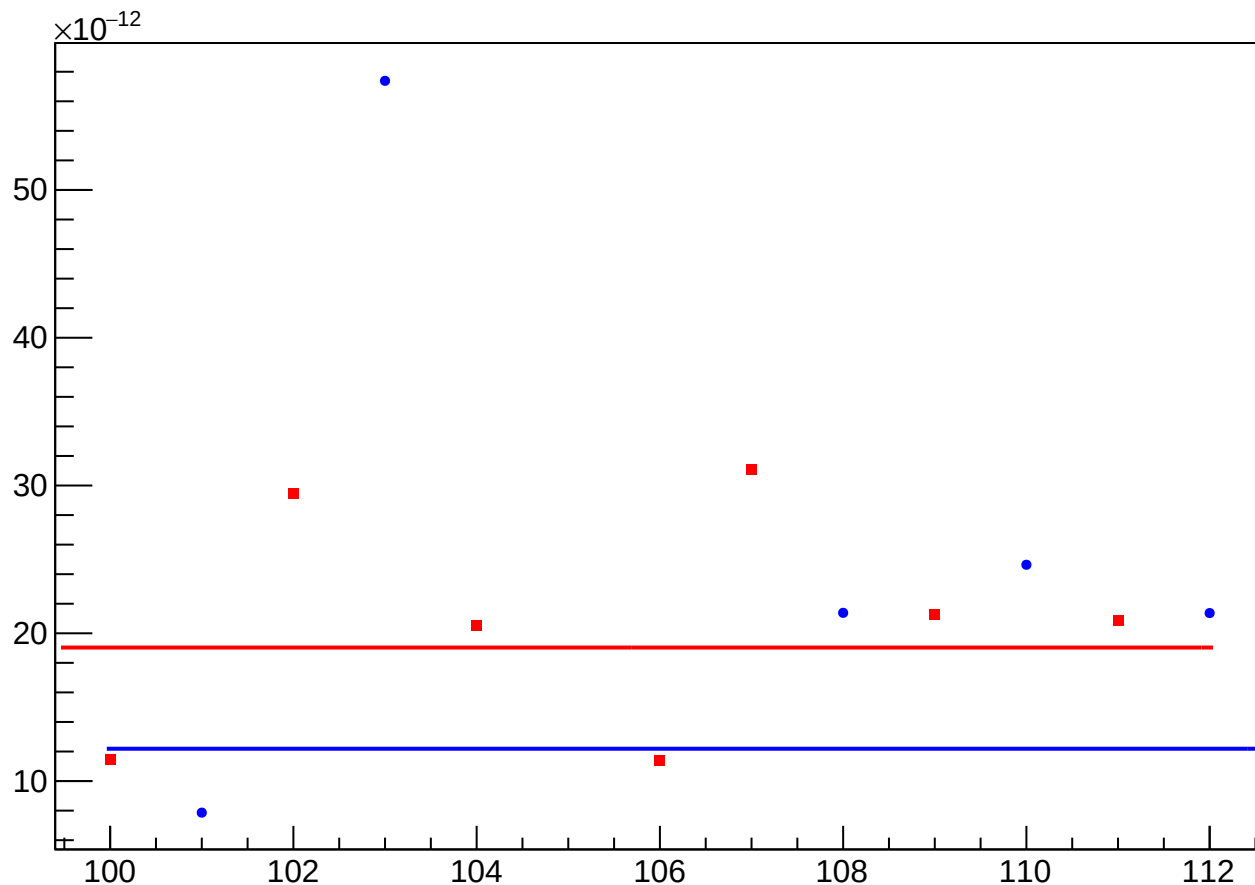
Right: -0.000+/-0.000 χ^2/NDF : 14.1/11

In: 0.000+/-0.000 χ^2/NDF : 1.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.1/11

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 : 860182.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 316708.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

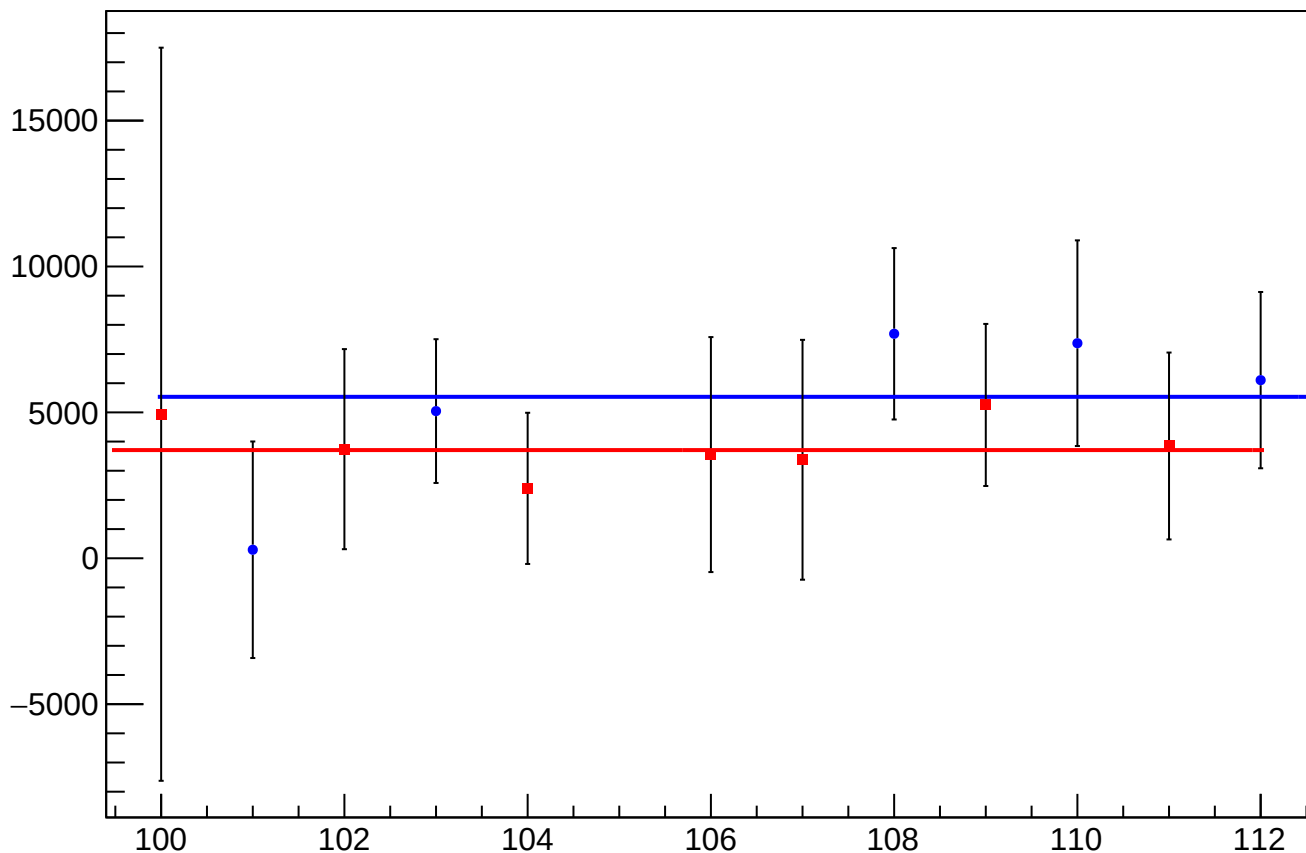
Right: 0.000+/-0.000 χ^2/NDF : 1405916.5/11

In: 0.000+/-0.000 χ^2/NDF : 860182.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1405916.5/11

reg_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5533.273+/-1356.633 χ^2/NDF : 2.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3708.017+/-1303.667 χ^2/NDF : 0.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

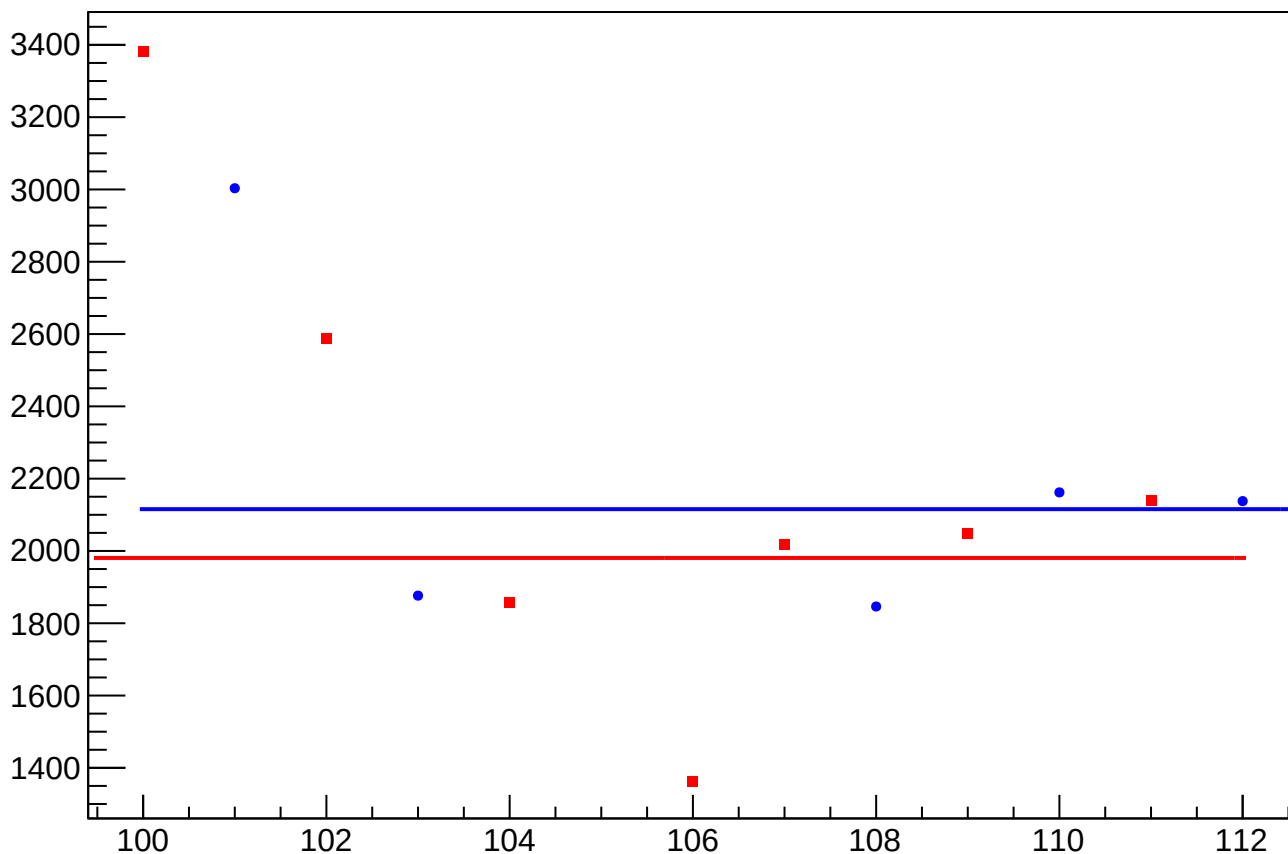
Right: 4584.319+/-939.999 χ^2/NDF : 4.4/11

In: 5533.273+/-1356.633 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4584.319+/-939.999 χ^2/NDF : 4.4/11

reg_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2115.636+/-0.959 χ^2/NDF : 150590.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1980.672+/-0.885 χ^2/NDF : 183335.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

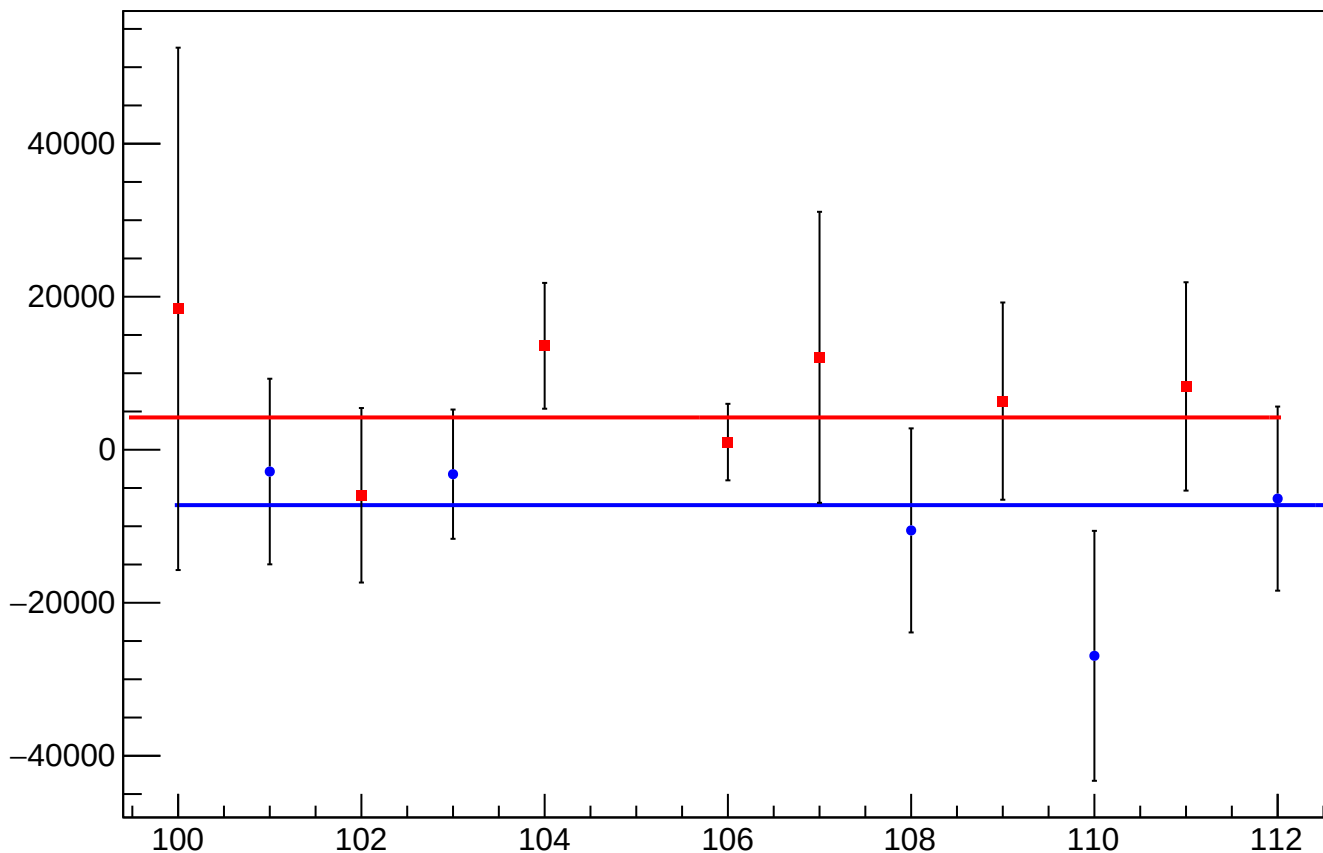
Right: 2042.741+/-0.651 χ^2/NDF : 344616.9/11

In: 2115.636+/-0.959 χ^2/NDF : 150590.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2042.741+/-0.651 χ^2/NDF : 344616.9/11

asym_us_avg_at2lr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -7238.617+/-5192.530 χ^2/NDF : 1.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4223.114+/-3591.692 χ^2/NDF : 3.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

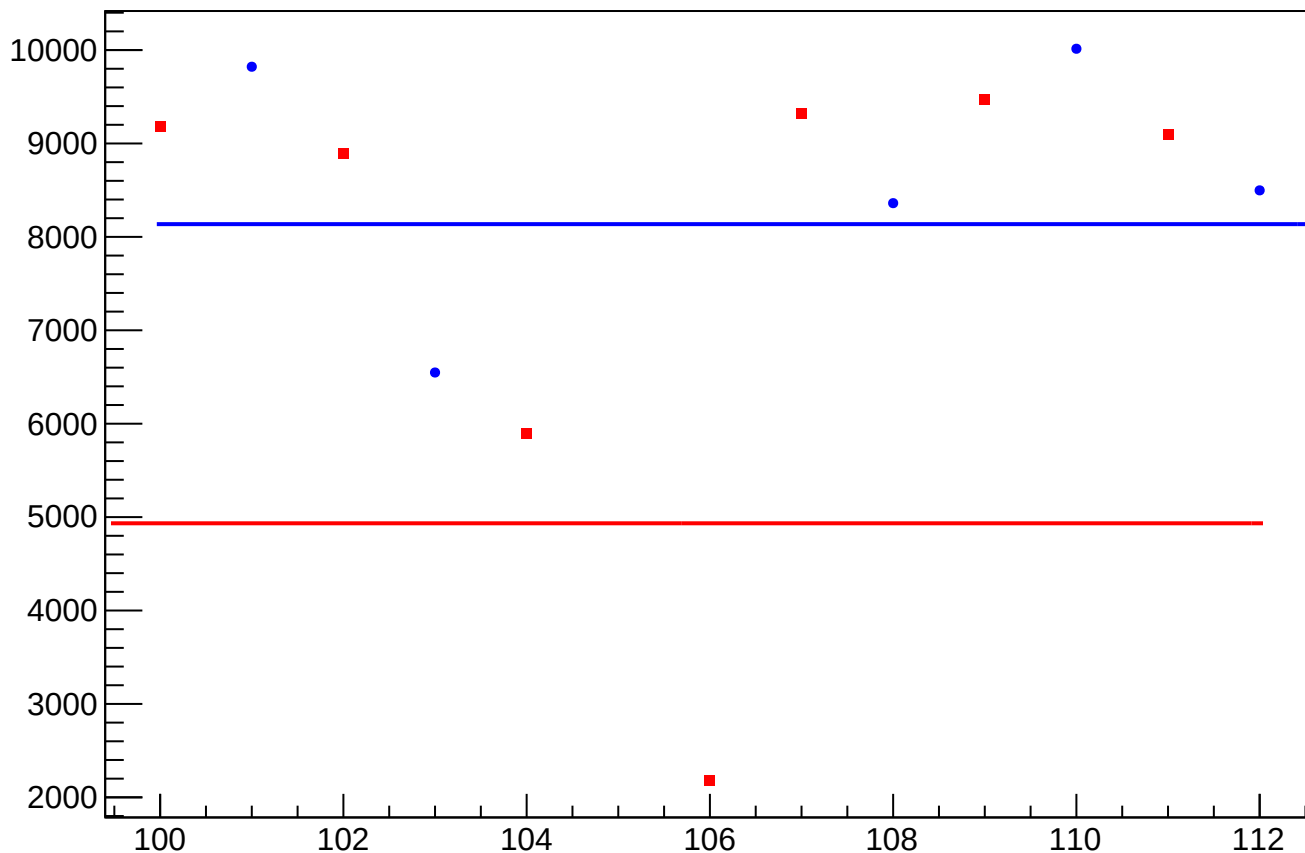
Right: 513.895+/-2953.896 χ^2/NDF : 8.1/11

In: -7238.617+/-5192.530 χ^2/NDF : 1.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 513.895+/-2953.896 χ^2/NDF : 8.1/11

asym_us_avg_at2lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 8136.414+/-3.672 χ^2/NDF : 138115.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4933.806+/-2.540 χ^2/NDF : 1446148.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

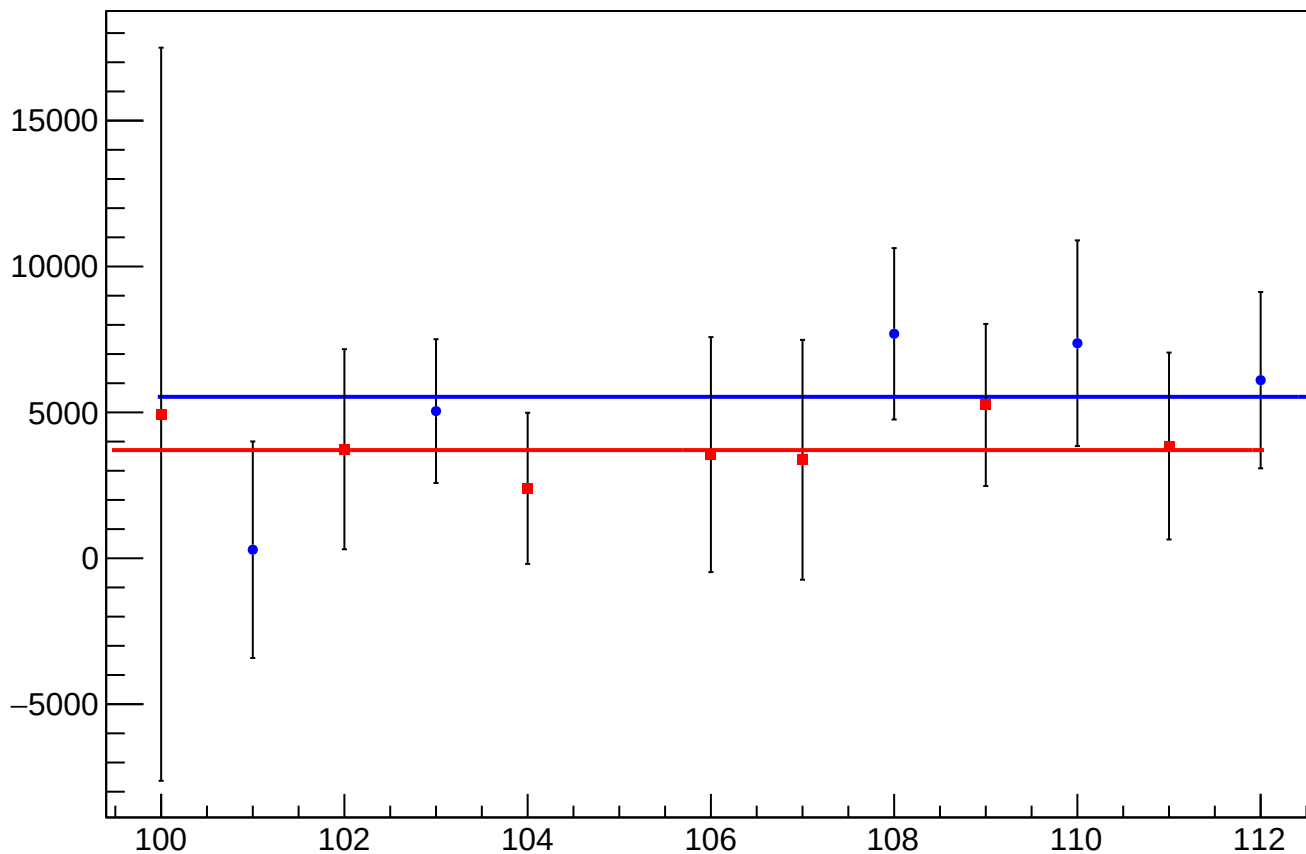
Right: 5970.227+/-2.089 χ^2/NDF : 2098866.2/11

In: 8136.414+/-3.672 χ^2/NDF : 138115.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5970.227+/-2.089 χ^2/NDF : 2098866.2/11

cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5533.518+/-1356.634 χ^2/NDF : 2.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3707.573+/-1303.667 χ^2/NDF : 0.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

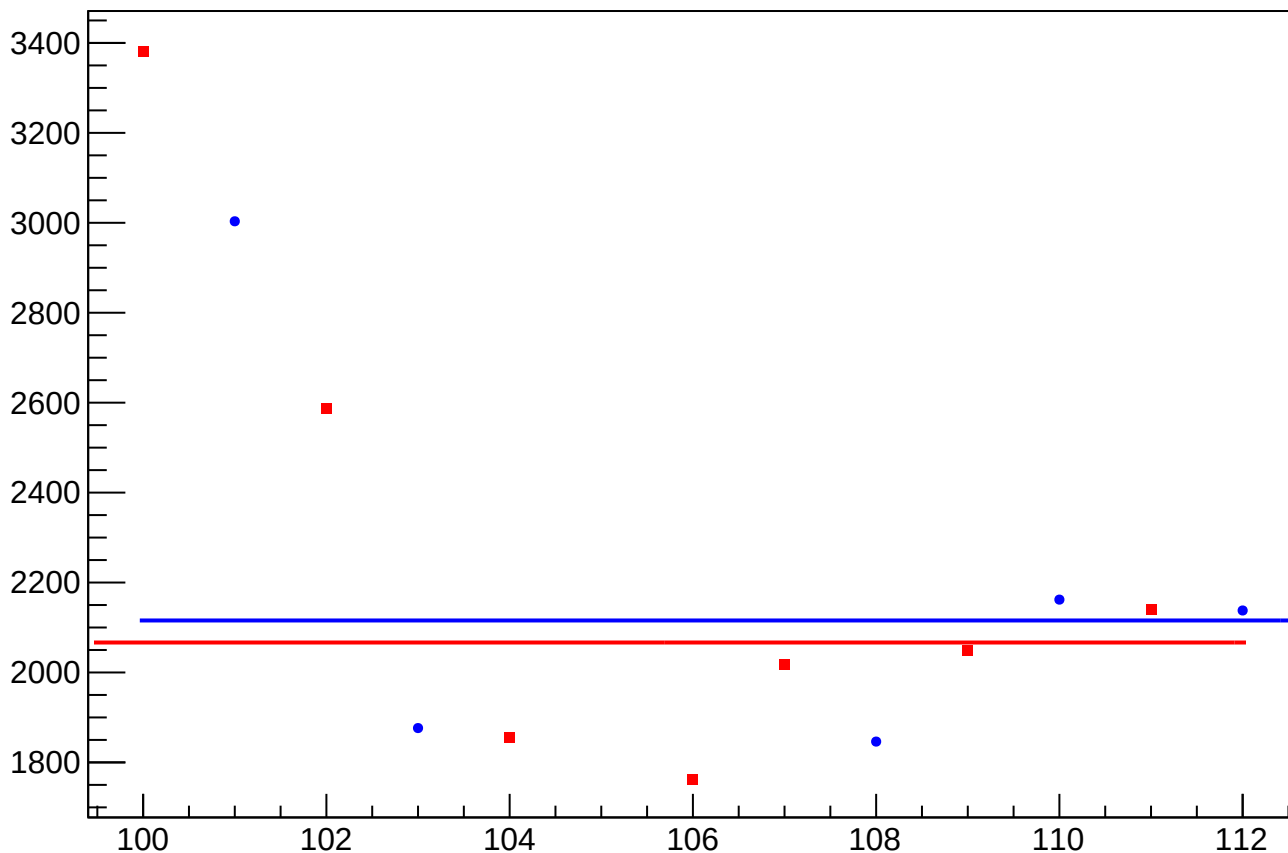
Right: 4584.206+/-939.999 χ^2/NDF : 4.4/11

In: 5533.518+/-1356.634 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4584.206+/-939.999 χ^2/NDF : 4.4/11

cor_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2115.636+/-0.959 χ^2/NDF : 150591.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2066.631+/-0.910 χ^2/NDF : 96946.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

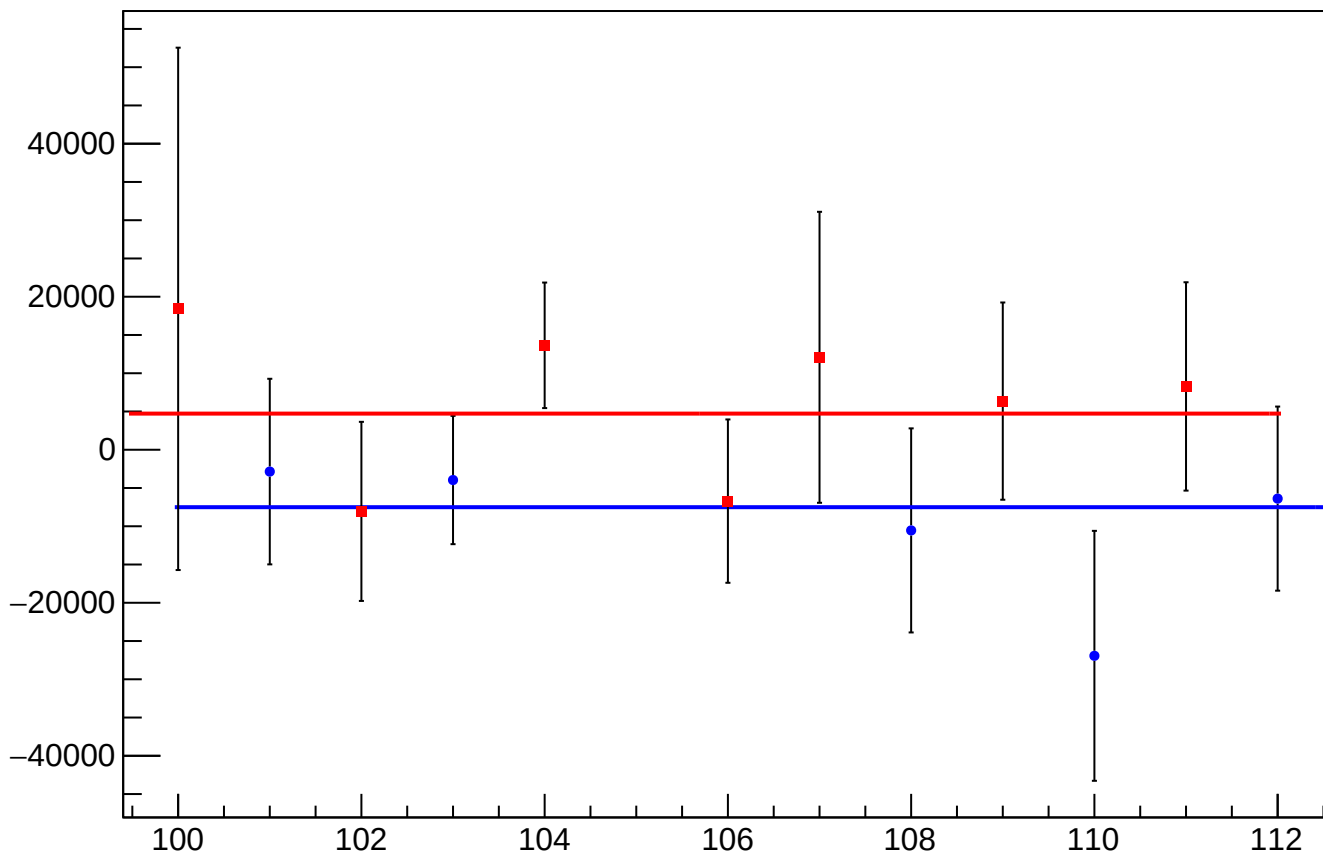
Right: 2089.845+/-0.660 χ^2/NDF : 248910.7/11

In: 2115.636+/-0.959 χ^2/NDF : 150591.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2089.845+/-0.660 χ^2/NDF : 248910.7/11

asym_us_avg_at2lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -7507.057+/-5177.495 χ^2/NDF : 1.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4724.180+/-4663.777 χ^2/NDF : 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

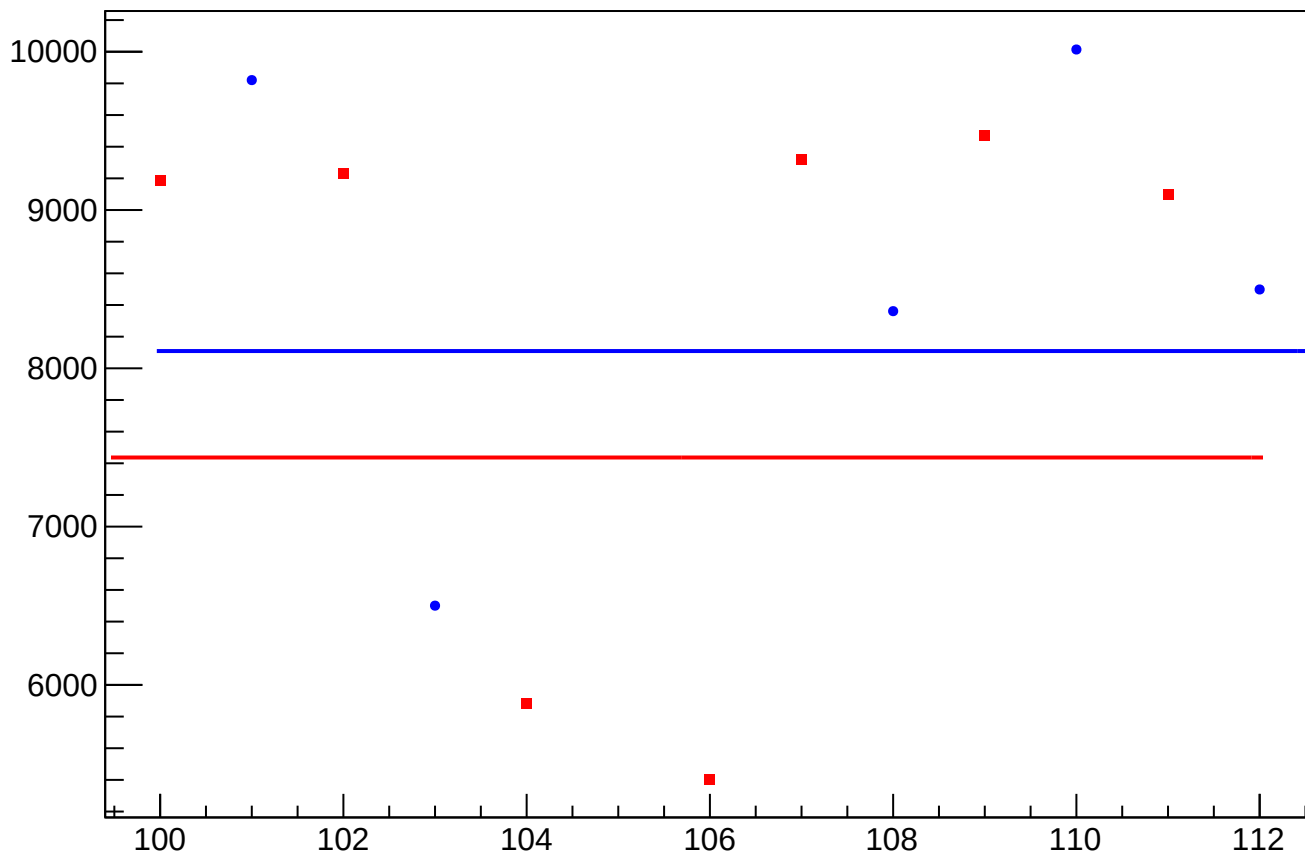
Right: -754.698+/-3465.216 χ^2/NDF : 8.8/11

In: -7507.057+/-5177.495 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -754.698+/-3465.216 χ^2/NDF : 8.8/11

asym_us_avg_at2lr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 8109.119+/-3.661 χ^2/NDF : 143451.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7436.590+/-3.298 χ^2/NDF : 295996.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

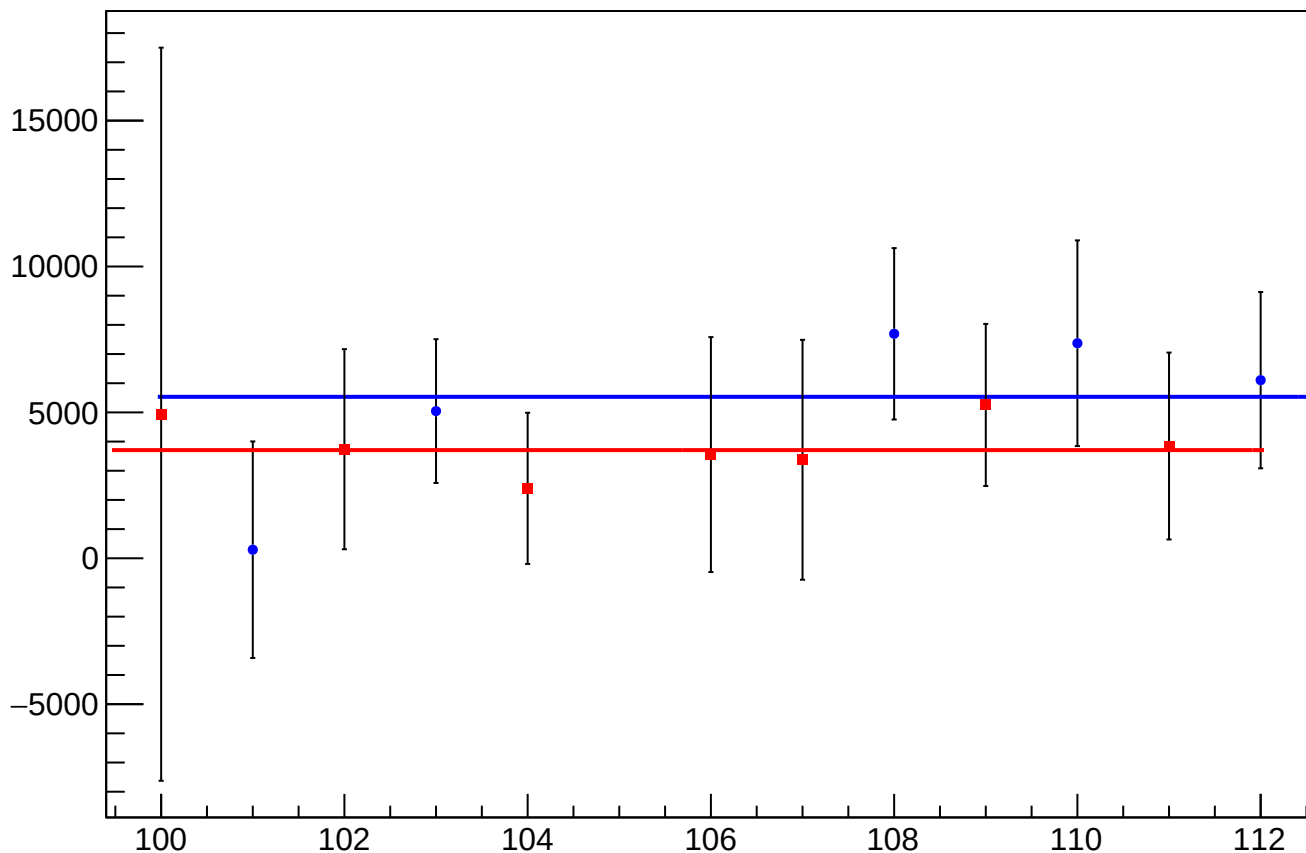
Right: 7737.843+/-2.450 χ^2/NDF : 458077.1/11

In: 8109.119+/-3.661 χ^2/NDF : 143451.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7737.843+/-2.450 χ^2/NDF : 458077.1/11

eigen_cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5533.518+/-1356.634 χ^2/NDF : 2.9/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3707.573+/-1303.667 χ^2/NDF : 0.6/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

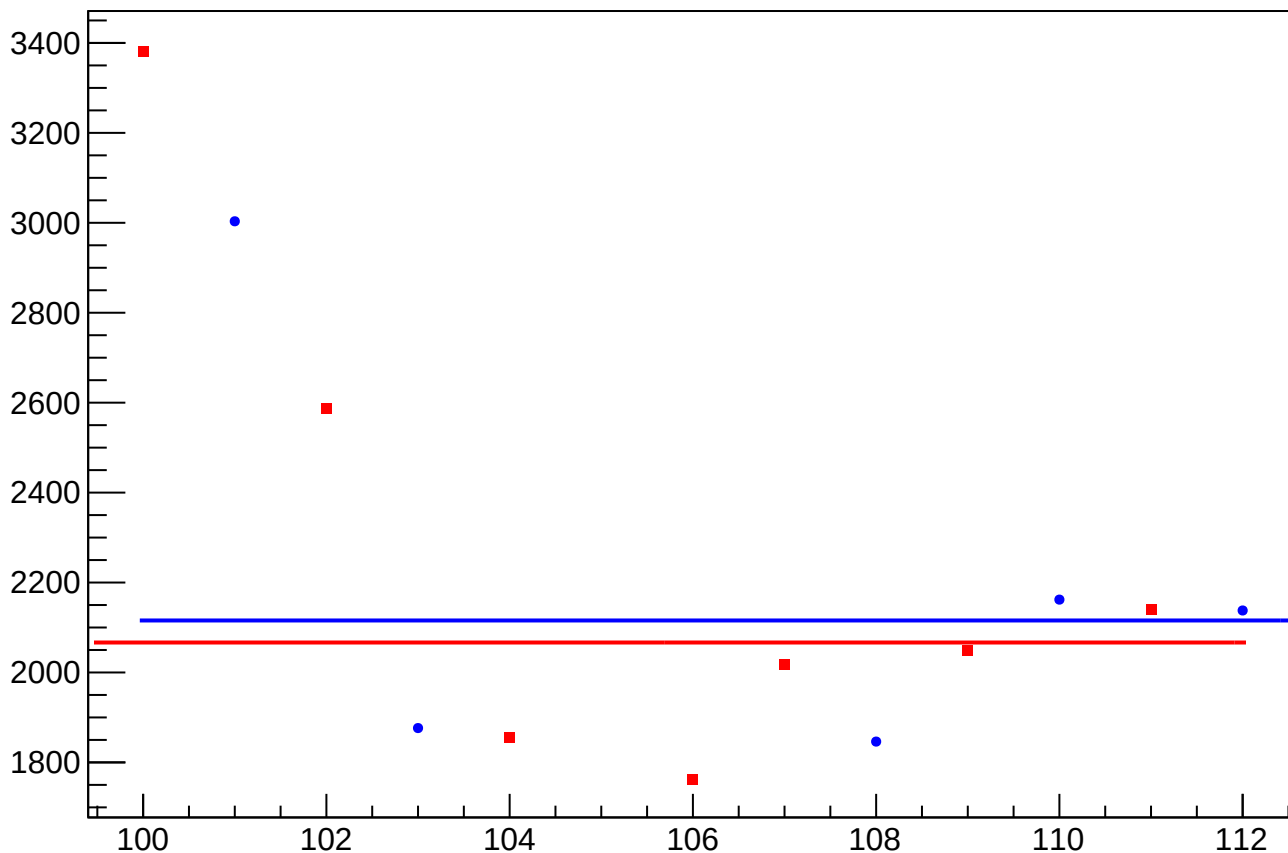
Right: 4584.206+/-939.999 χ^2/NDF : 4.4/11

In: 5533.518+/-1356.634 χ^2/NDF :2.9/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4584.206+/-939.999 χ^2/NDF : 4.4/11

eigen_cor_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2115.636 $\pm$ 0.959 χ^2 /NDF: 150591.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2066.631 $\pm$ 0.910 χ^2 /NDF: 96946.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

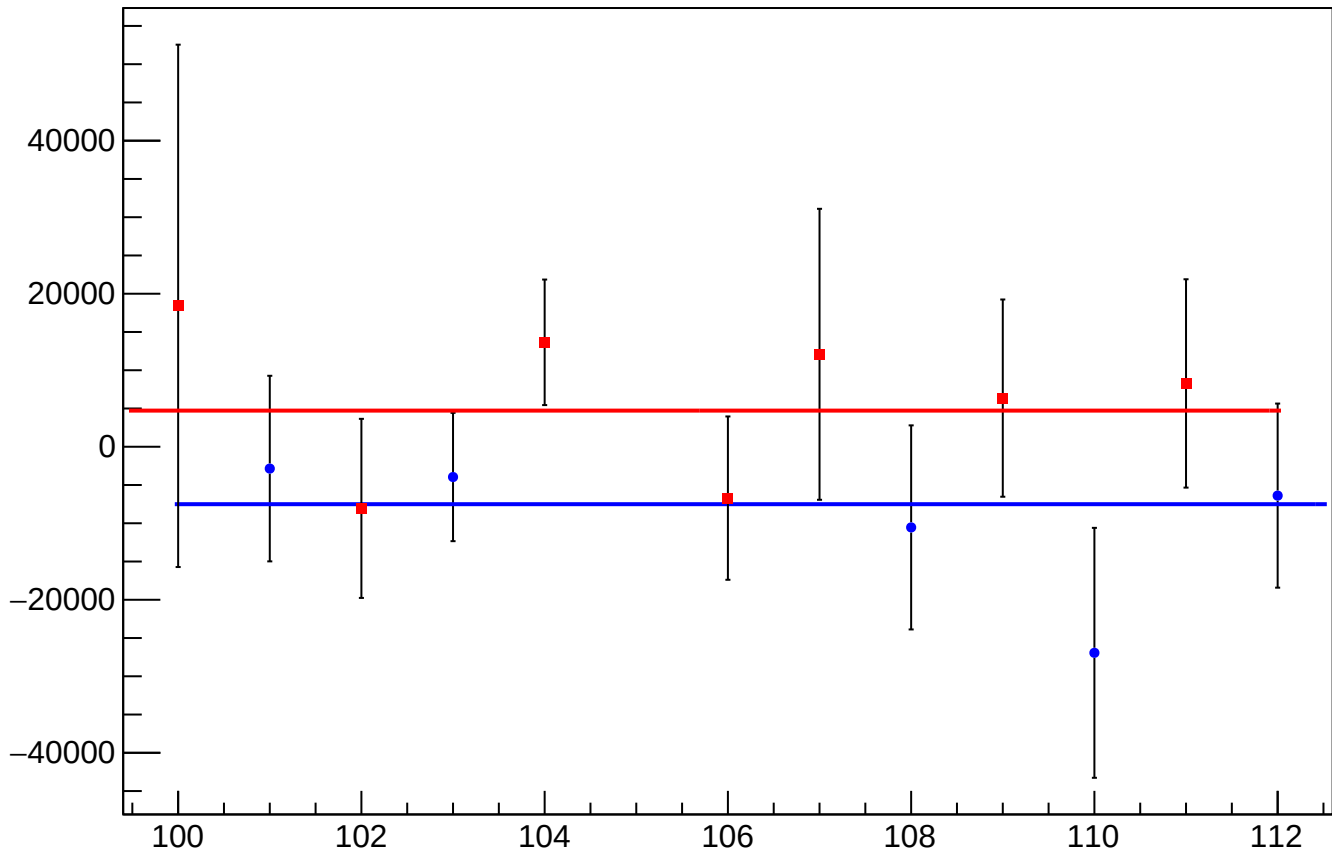
Right: 2089.845 $\pm$ 0.660 χ^2 /NDF: 248910.7/11

In: 2115.636 $\pm$ 0.959 χ^2 /NDF:150591.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2089.845 $\pm$ 0.660 χ^2 /NDF: 248910.7/11

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -7507.057+/-5177.495 χ^2/NDF : 1.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4724.180+/-4663.777 χ^2/NDF : 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

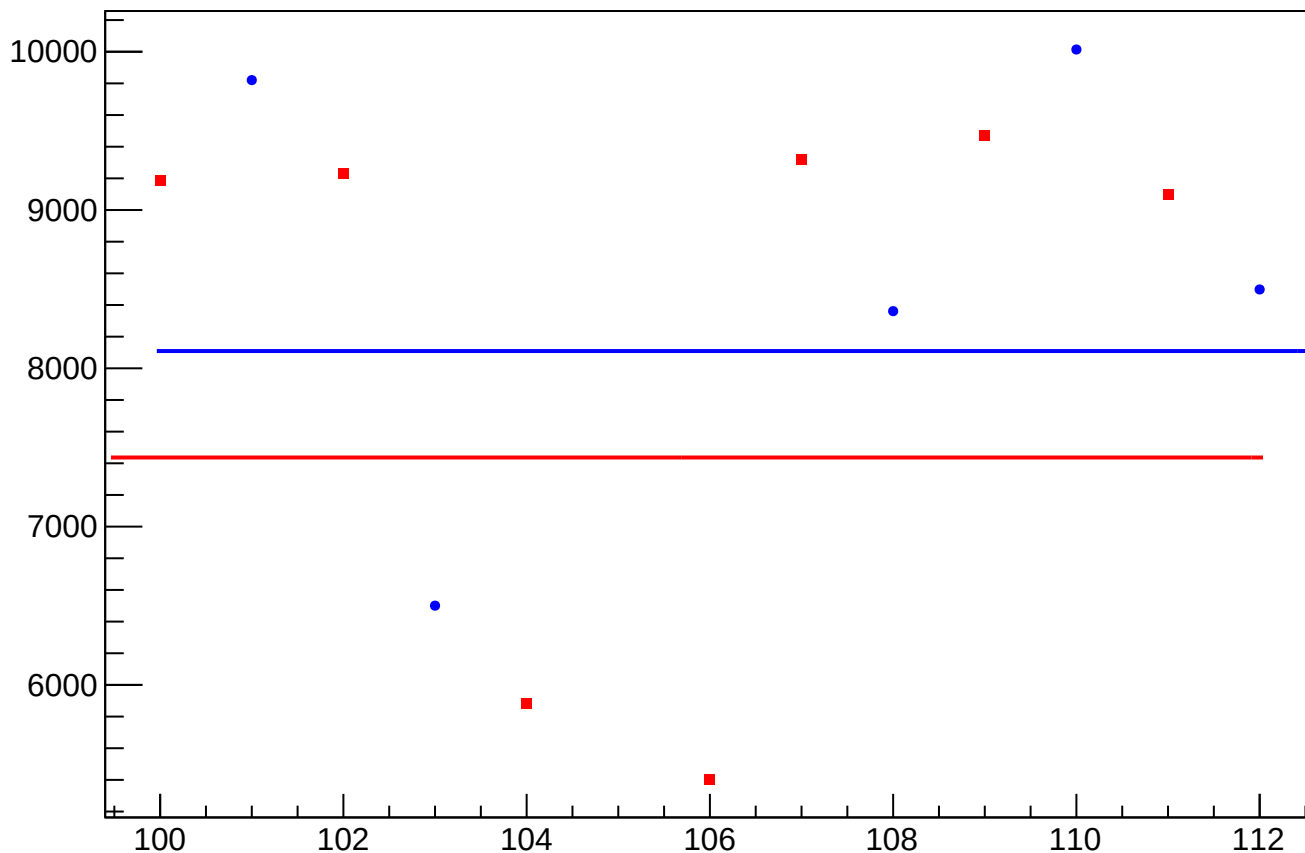
Right: -754.698+/-3465.216 χ^2/NDF : 8.8/11

In: -7507.057+/-5177.495 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -754.698+/-3465.216 χ^2/NDF : 8.8/11

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 8109.119+/-3.661 χ^2/NDF : 143451.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7436.590+/-3.298 χ^2/NDF : 295996.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

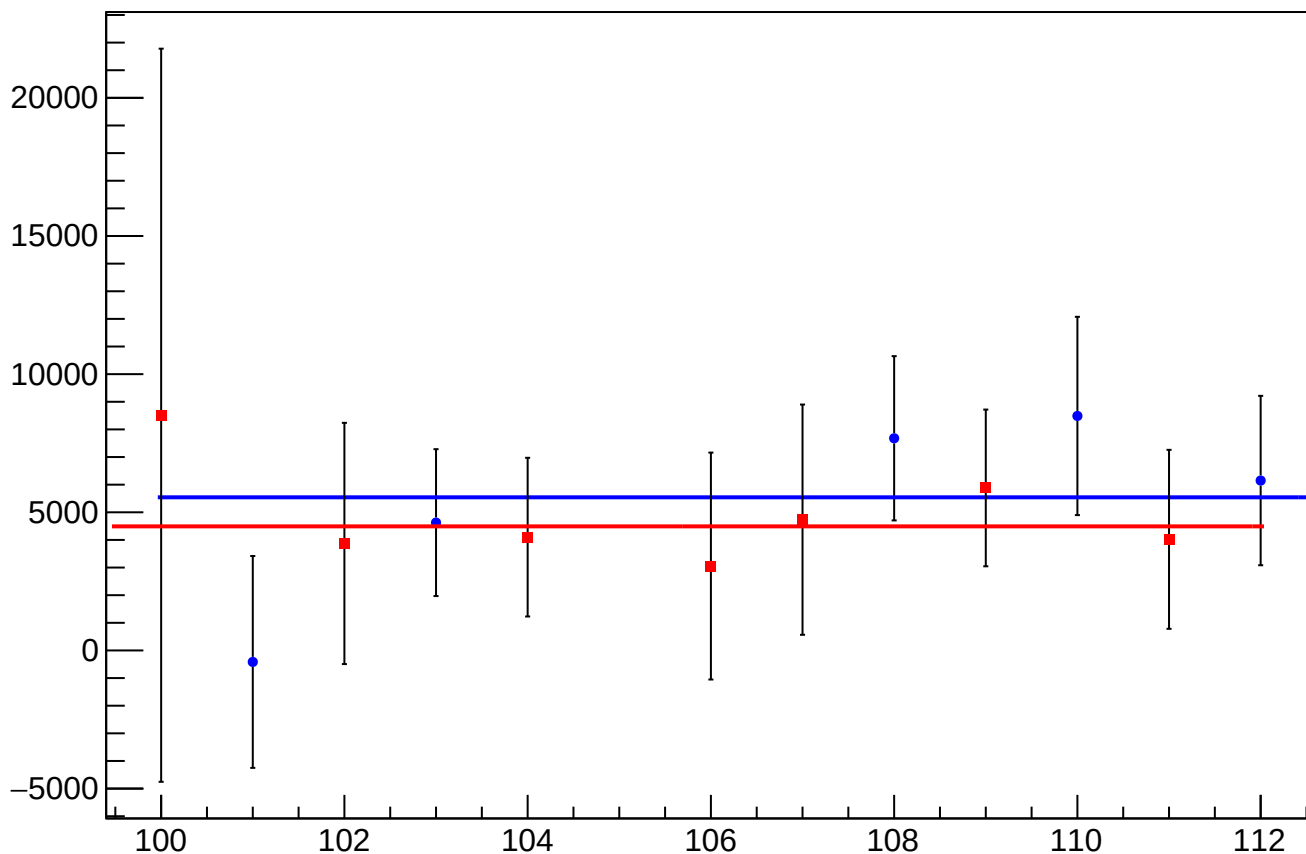
Right: 7737.843+/-2.450 χ^2/NDF : 458077.1/11

In: 8109.119+/-3.661 χ^2/NDF : 143451.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7737.843+/-2.450 χ^2/NDF : 458077.1/11

dit_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5542.375+/-1404.674 χ^2/NDF : 3.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4490.789+/-1392.208 χ^2/NDF : 0.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

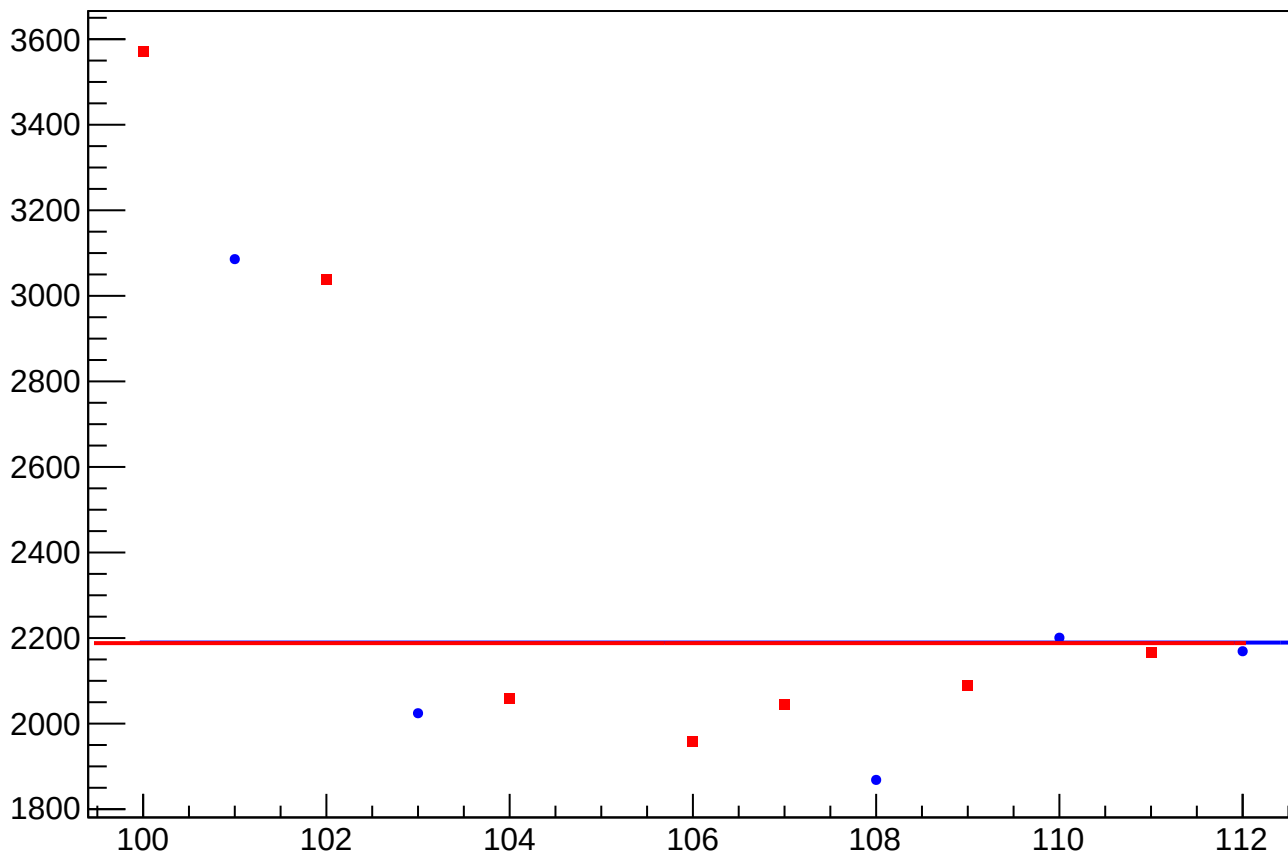
Right: 5011.895+/-988.818 χ^2/NDF : 4.6/11

In: 5542.375+/-1404.674 χ^2/NDF : 3.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5011.895+/-988.818 χ^2/NDF : 4.6/11

dit_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2189.449+/-0.993 χ^2/NDF : 140490.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2188.152+/-0.983 χ^2/NDF : 113178.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

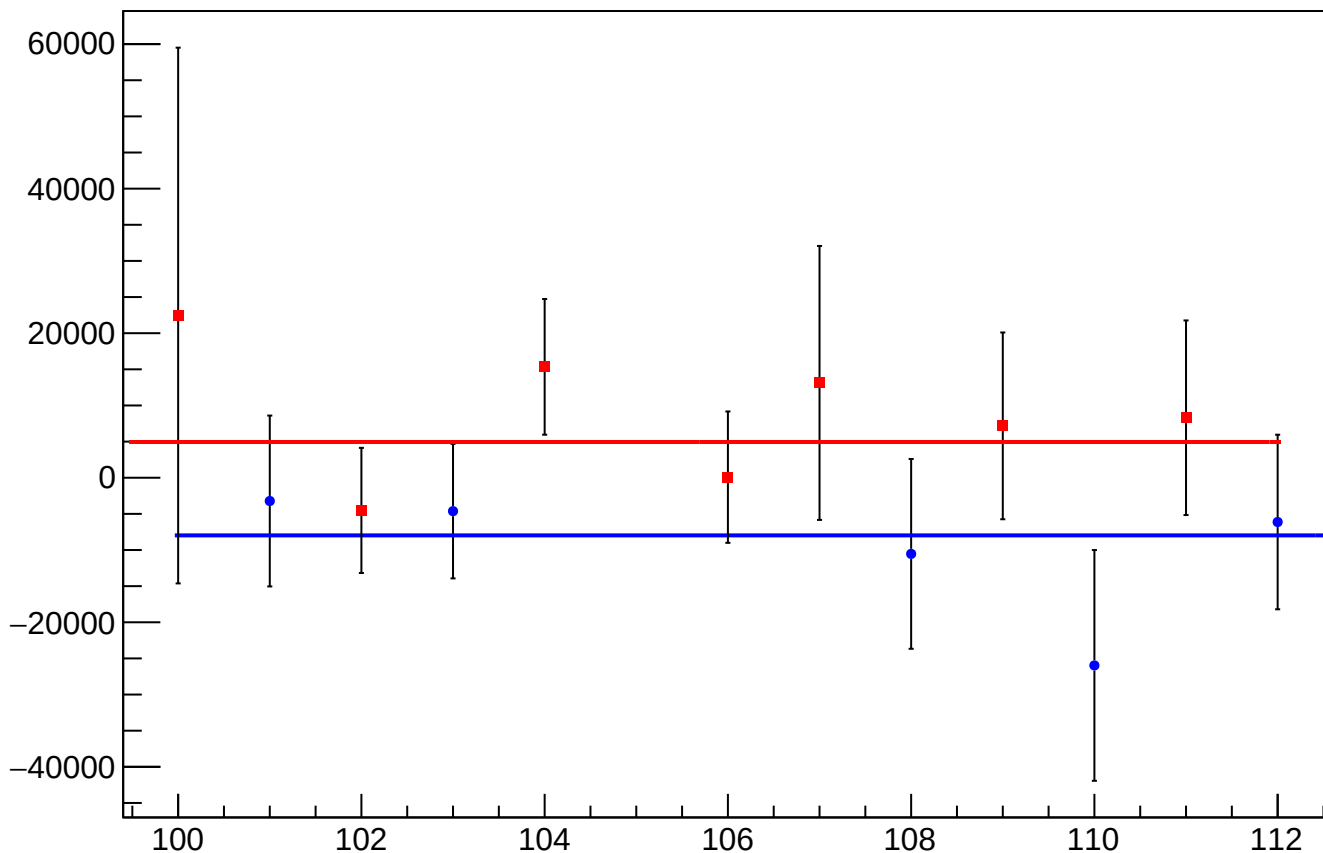
Right: 2188.793+/-0.699 χ^2/NDF : 253670.1/11

In: 2189.449+/-0.993 χ^2/NDF : 140490.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2188.793+/-0.699 χ^2/NDF : 253670.1/11

asym_us_avg_at2lr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -7975.765+/-5324.008 χ^2/NDF : 1.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4947.587+/-4393.124 χ^2/NDF : 3.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

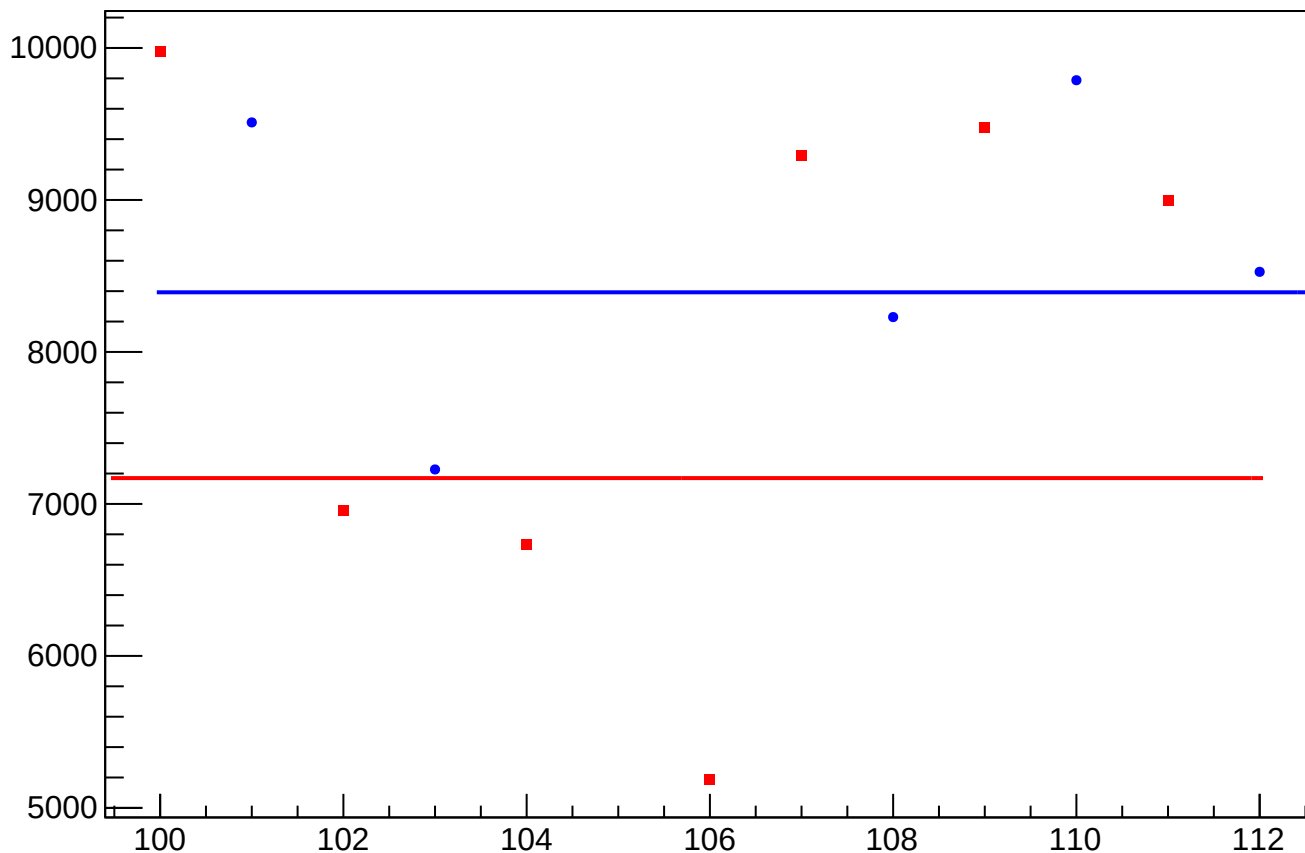
Right: -287.313+/-3388.483 χ^2/NDF : 8.3/11

In: -7975.765+/-5324.008 χ^2/NDF : 1.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -287.313+/-3388.483 χ^2/NDF : 8.3/11

asym_us_avg_at2lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 8392.431+/-3.765 χ^2/NDF : 65095.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7169.987+/-3.106 χ^2/NDF : 237844.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

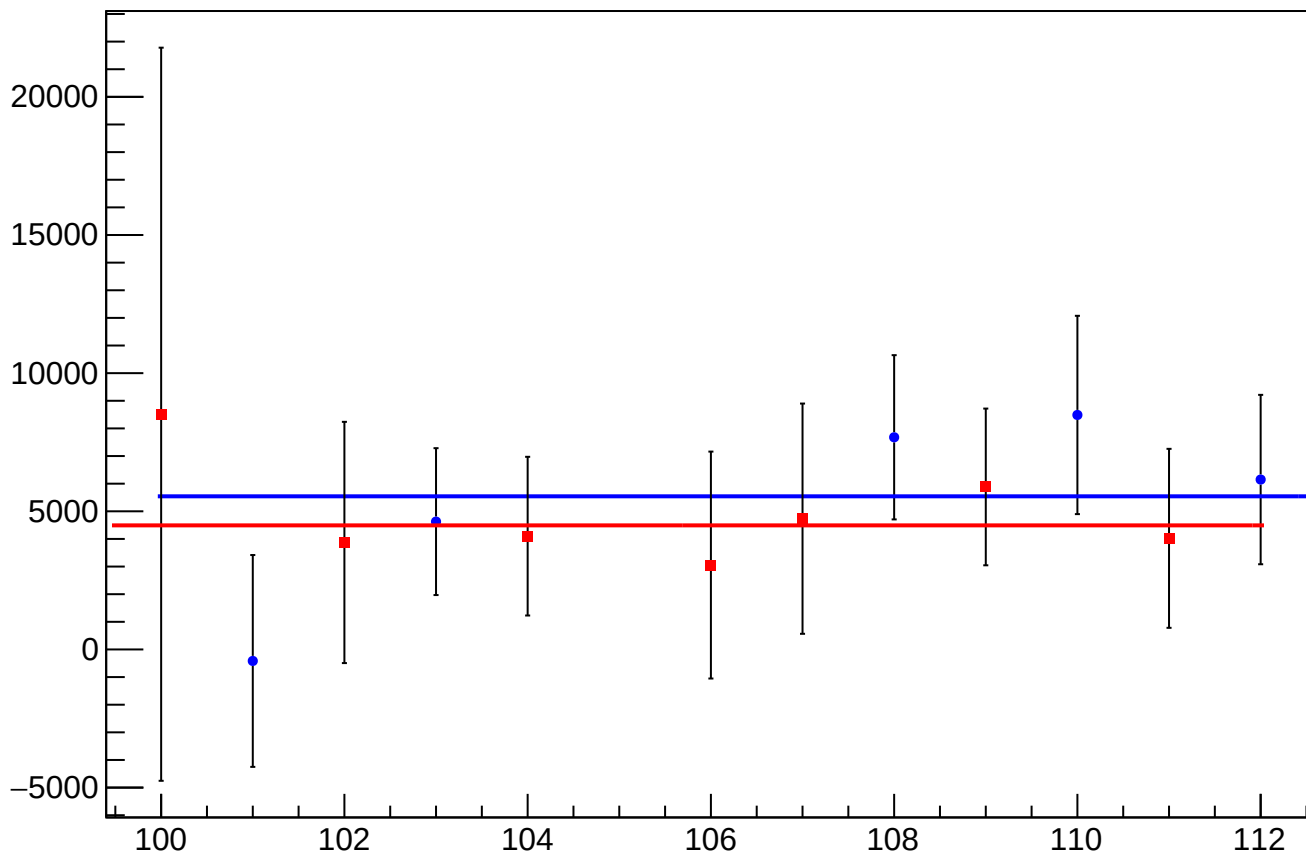
Right: 7665.166+/-2.396 χ^2/NDF : 365670.3/11

In: 8392.431+/-3.765 χ^2/NDF : 65095.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7665.166+/-2.396 χ^2/NDF : 365670.3/11

eigen_dit_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5542.386+/-1404.674 χ^2 /NDF: 3.8/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 4490.783+/-1392.207 χ^2 /NDF: 0.5/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

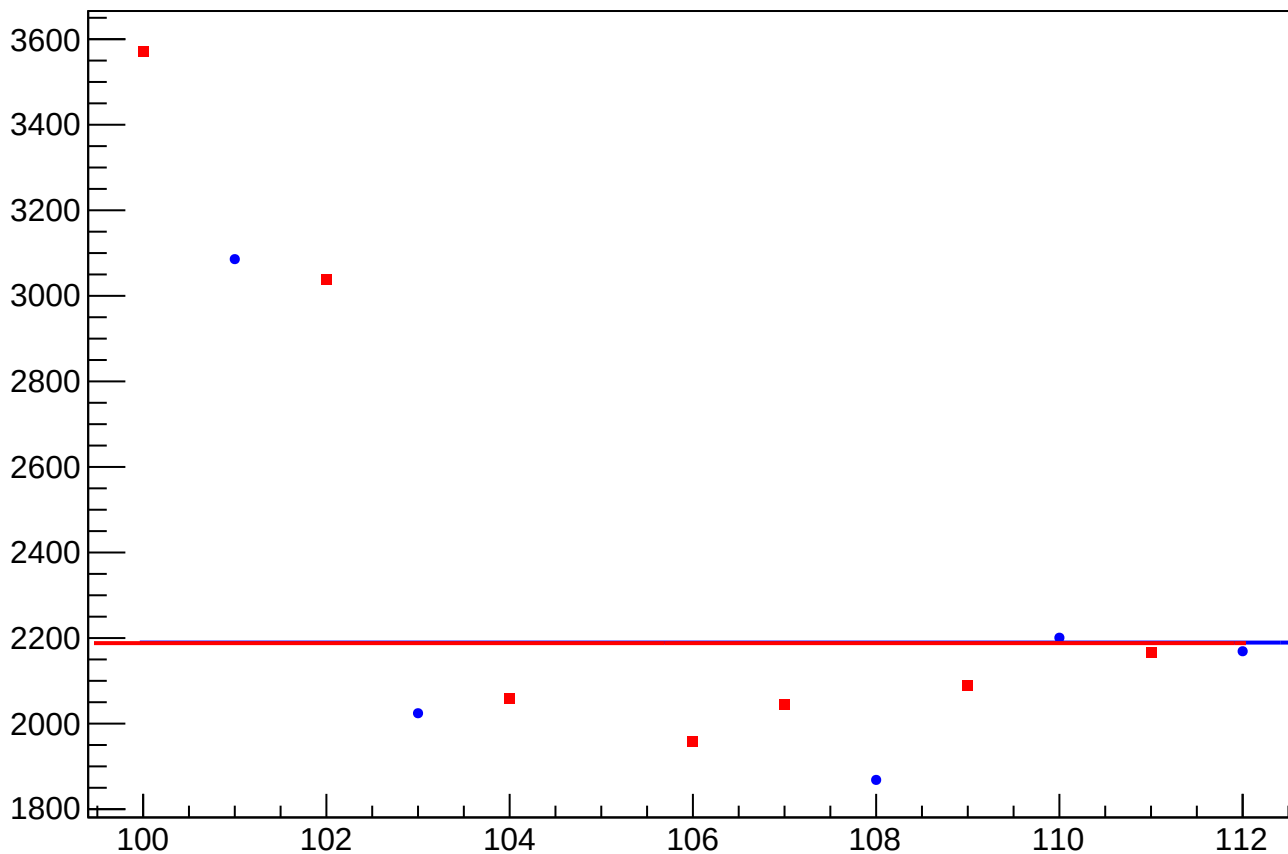
Right: 5011.897+/-988.818 χ^2 /NDF: 4.6/11

In: 5542.386+/-1404.674 χ^2 /NDF:3.8/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 5011.897+/-988.818 χ^2 /NDF: 4.6/11

eigen_dit_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2189.449+/-0.993 χ^2/NDF : 140490.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2188.152+/-0.983 χ^2/NDF : 113178.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

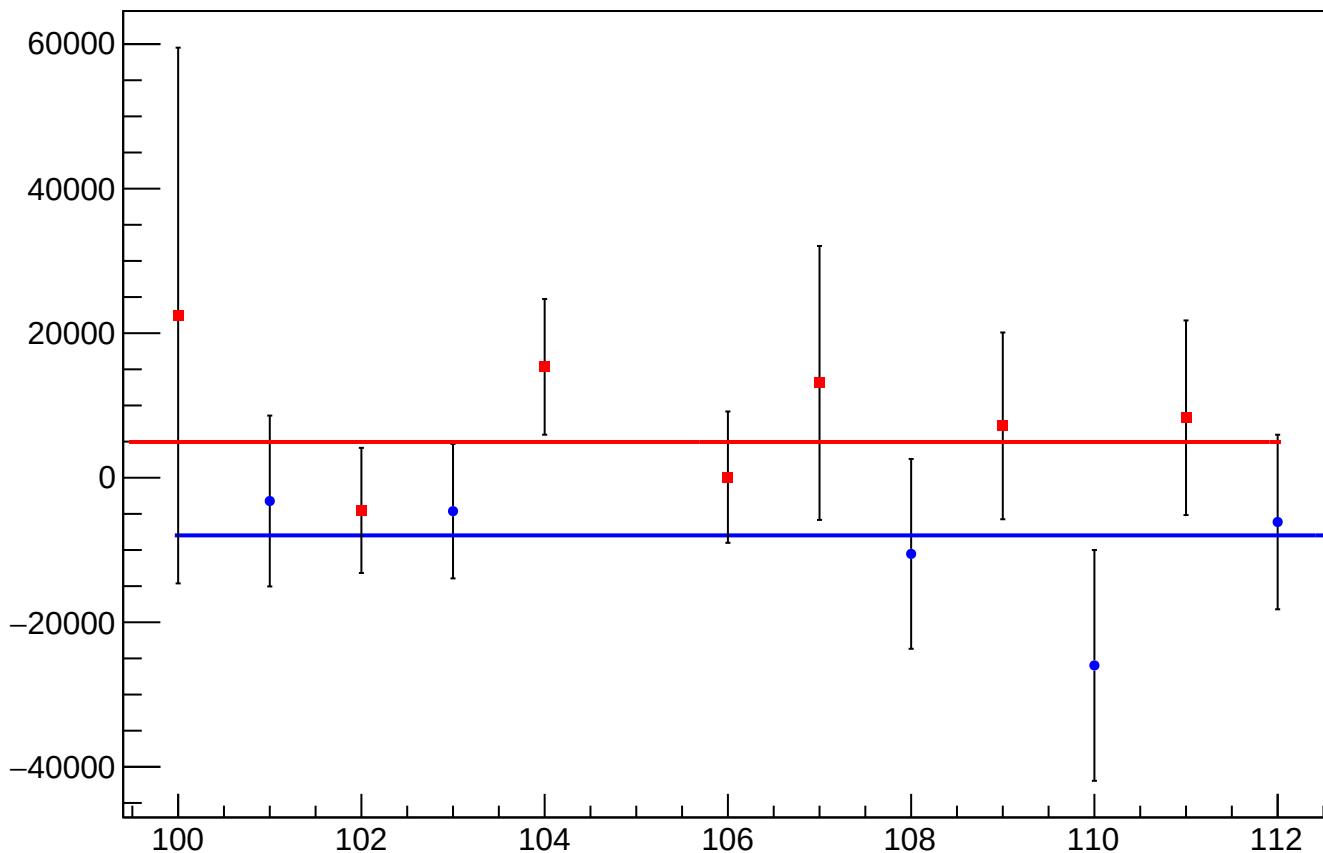
Right: 2188.793+/-0.699 χ^2/NDF : 253669.8/11

In: 2189.449+/-0.993 χ^2/NDF : 140490.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2188.793+/-0.699 χ^2/NDF : 253669.8/11

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -7975.762+/-5324.001 χ^2/NDF : 1.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4947.592+/-4393.118 χ^2/NDF : 3.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

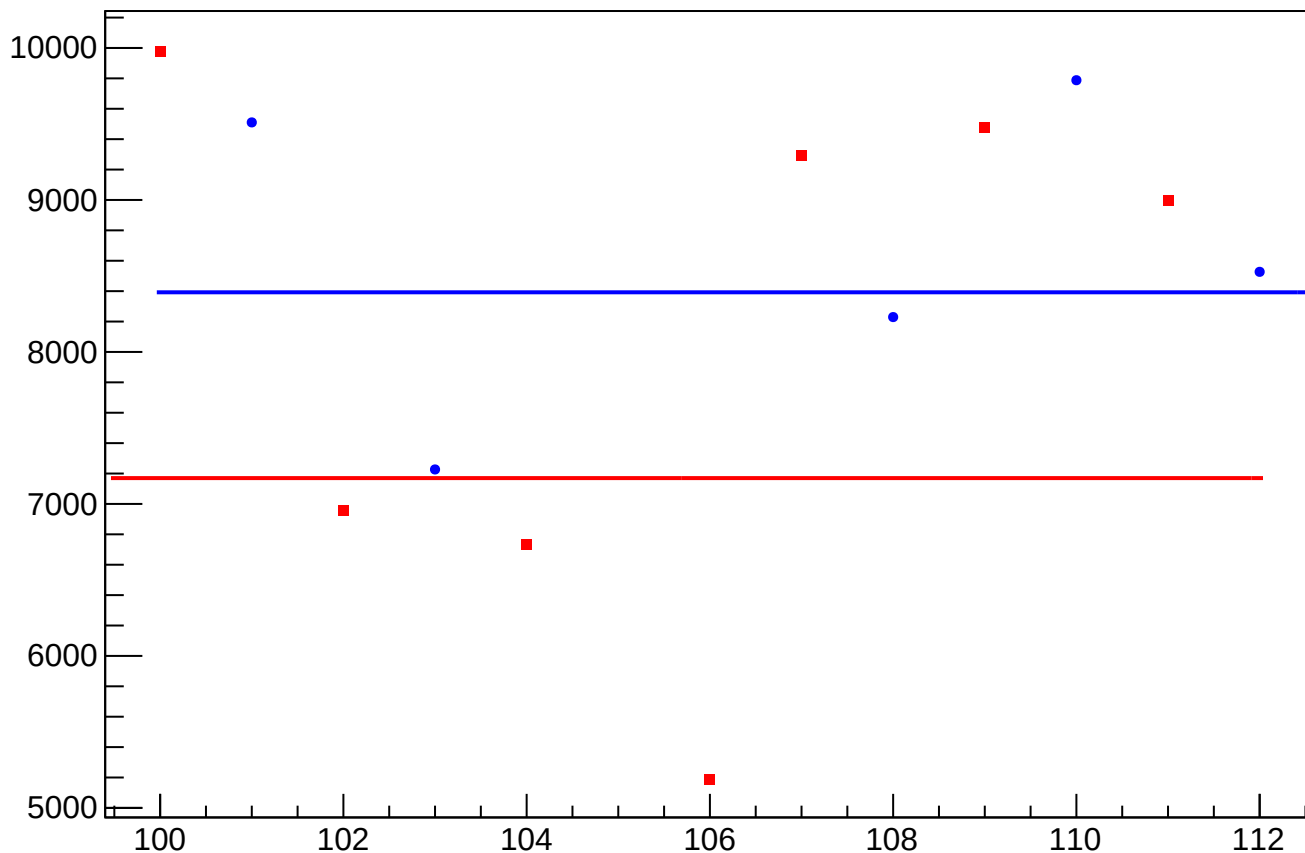
Right: -287.309+/-3388.478 χ^2/NDF : 8.3/11

In: -7975.762+/-5324.001 χ^2/NDF : 1.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -287.309+/-3388.478 χ^2/NDF : 8.3/11

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 8392.419+/-3.765 χ^2/NDF : 65095.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7169.977+/-3.106 χ^2/NDF : 237844.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

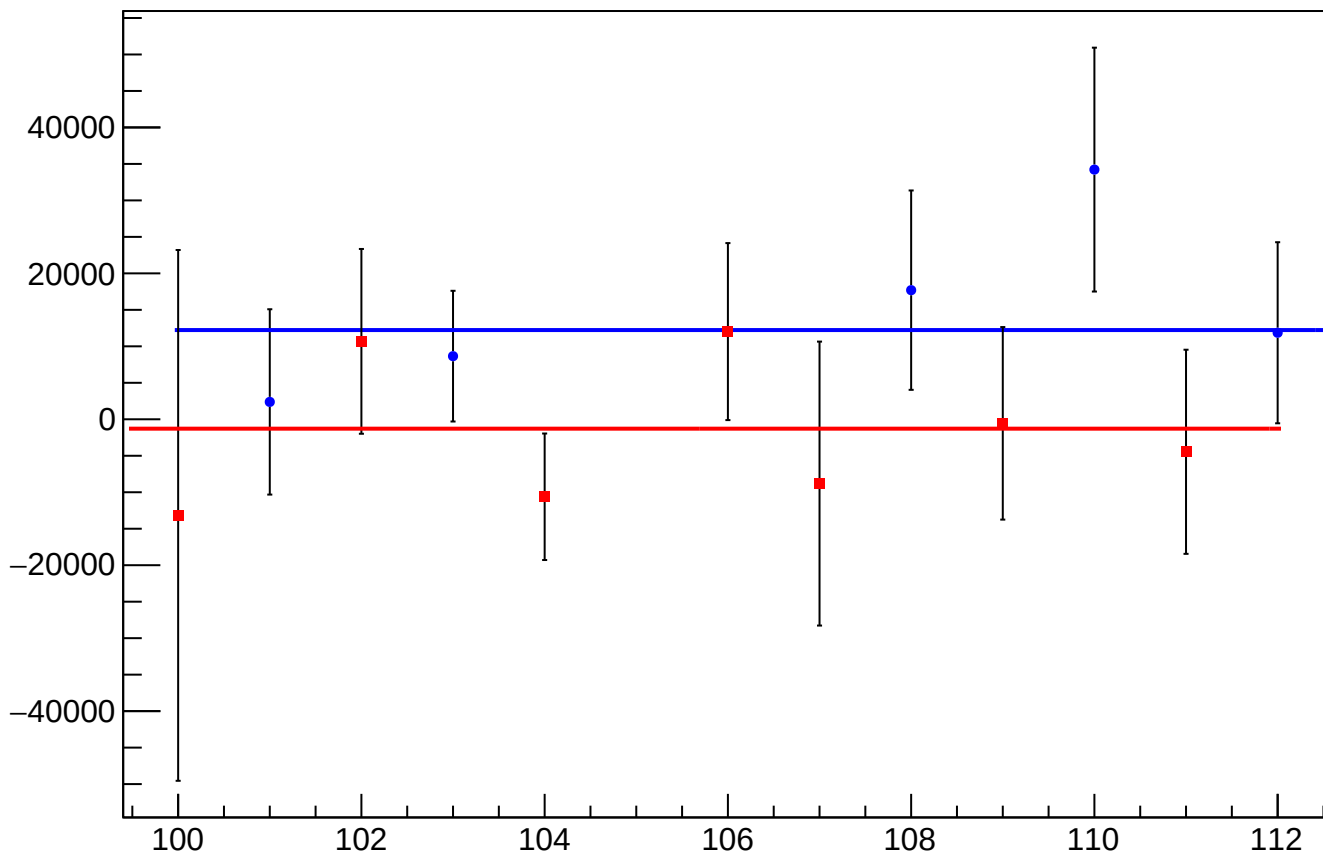
Right: 7665.155+/-2.396 χ^2/NDF : 365669.1/11

In: 8392.419+/-3.765 χ^2/NDF : 65095.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7665.155+/-2.396 χ^2/NDF : 365669.1/11

asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 12229.065+/-5415.621 χ^2/NDF : 2.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1286.098+/-4963.475 χ^2/NDF : 3.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

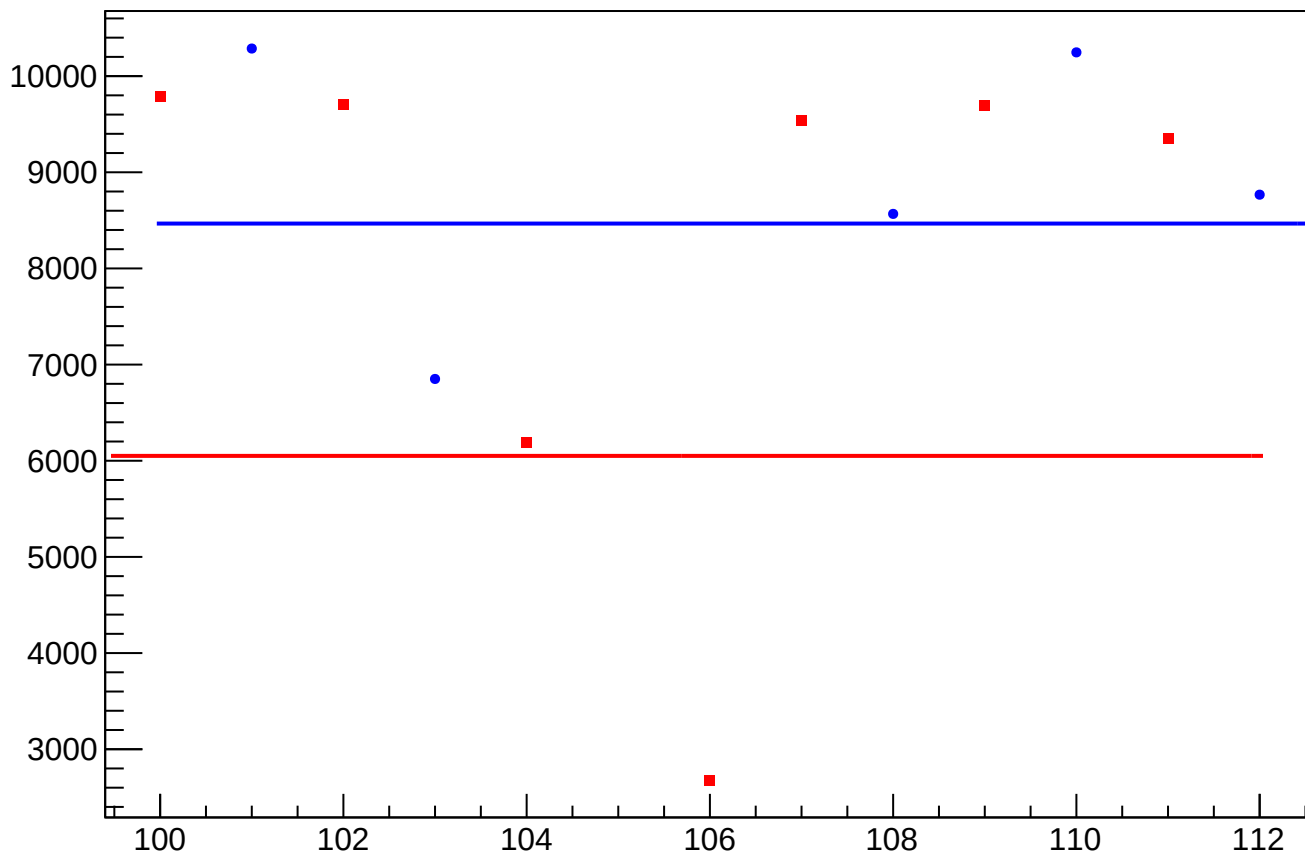
Right: 4883.836+/-3659.130 χ^2/NDF : 9.6/11

In: 12229.065+/-5415.621 χ^2/NDF : 2.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4883.836+/-3659.130 χ^2/NDF : 9.6/11

asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 8466.634+/-3.829 χ^2/NDF : 130168.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6050.613+/-2.992 χ^2/NDF : 1019260.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

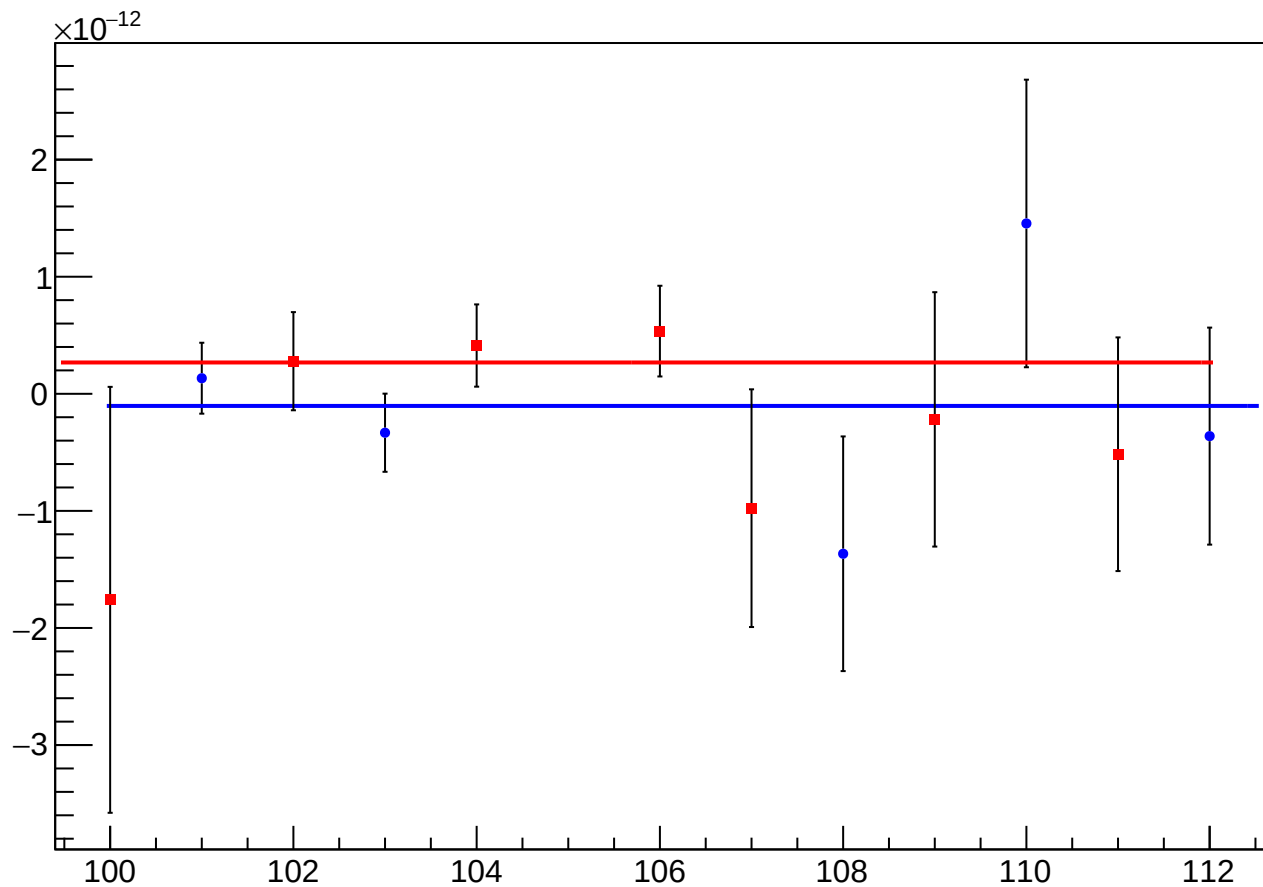
Right: 6966.331+/-2.357 χ^2/NDF : 1396624.6/11

In: 8466.634+/-3.829 χ^2/NDF : 130168.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6966.331+/-2.357 χ^2/NDF : 1396624.6/11

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

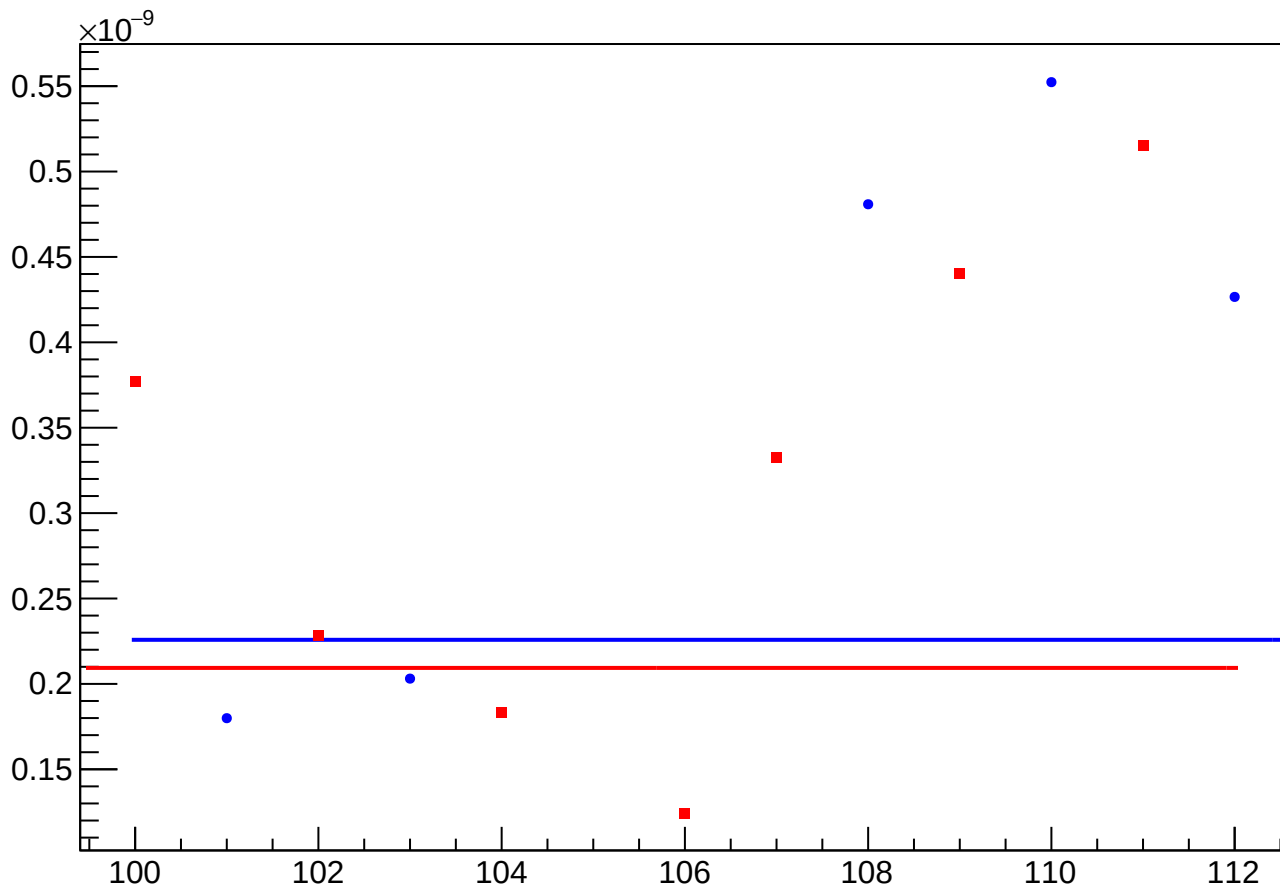
Right: 0.000+/-0.000 χ^2/NDF : 10.2/11

In: -0.000+/-0.000 χ^2/NDF : 4.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.2/11

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 419903.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 436687.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

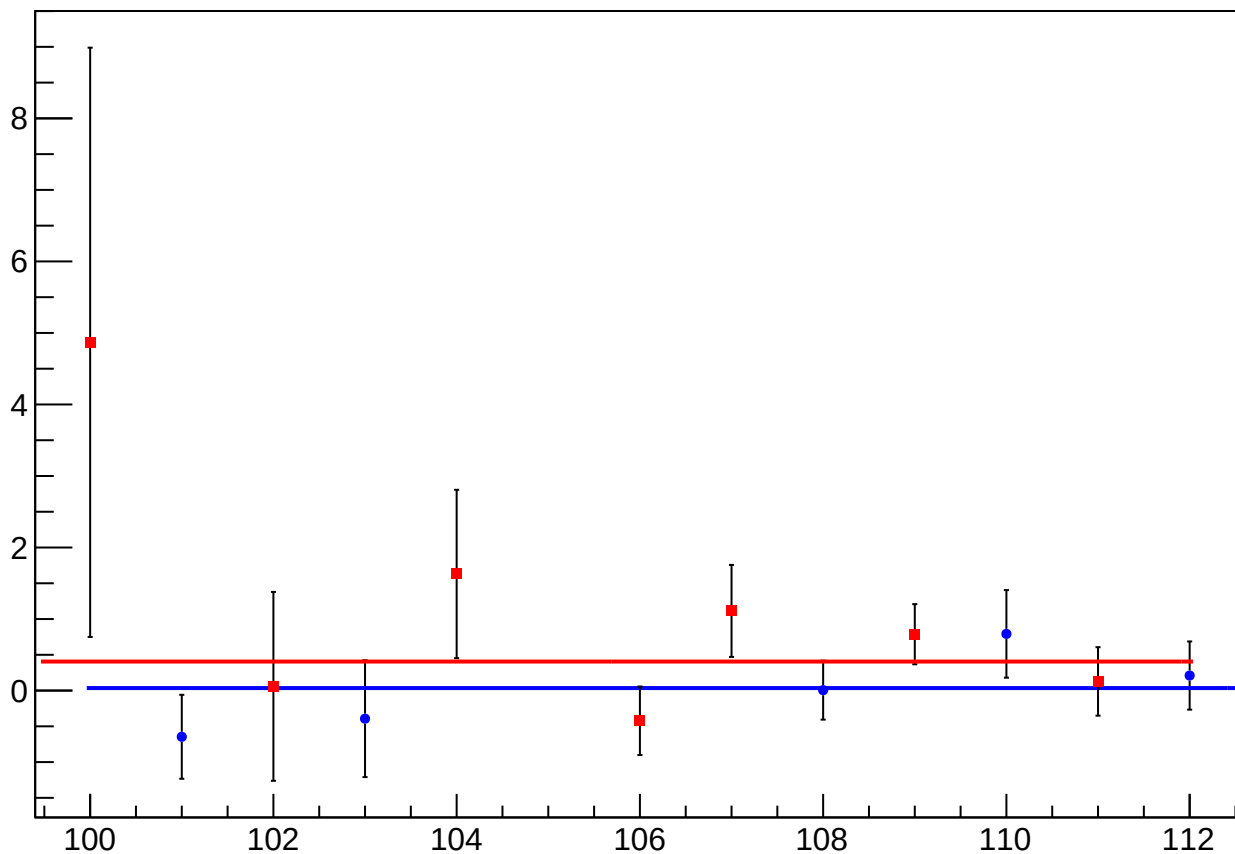
Right: 0.000+/-0.000 χ^2/NDF : 862853.7/11

In: 0.000+/-0.000 χ^2/NDF : 419903.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 862853.7/11

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035+/-0.240 χ^2/NDF : 3.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.406+/-0.235 χ^2/NDF : 7.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

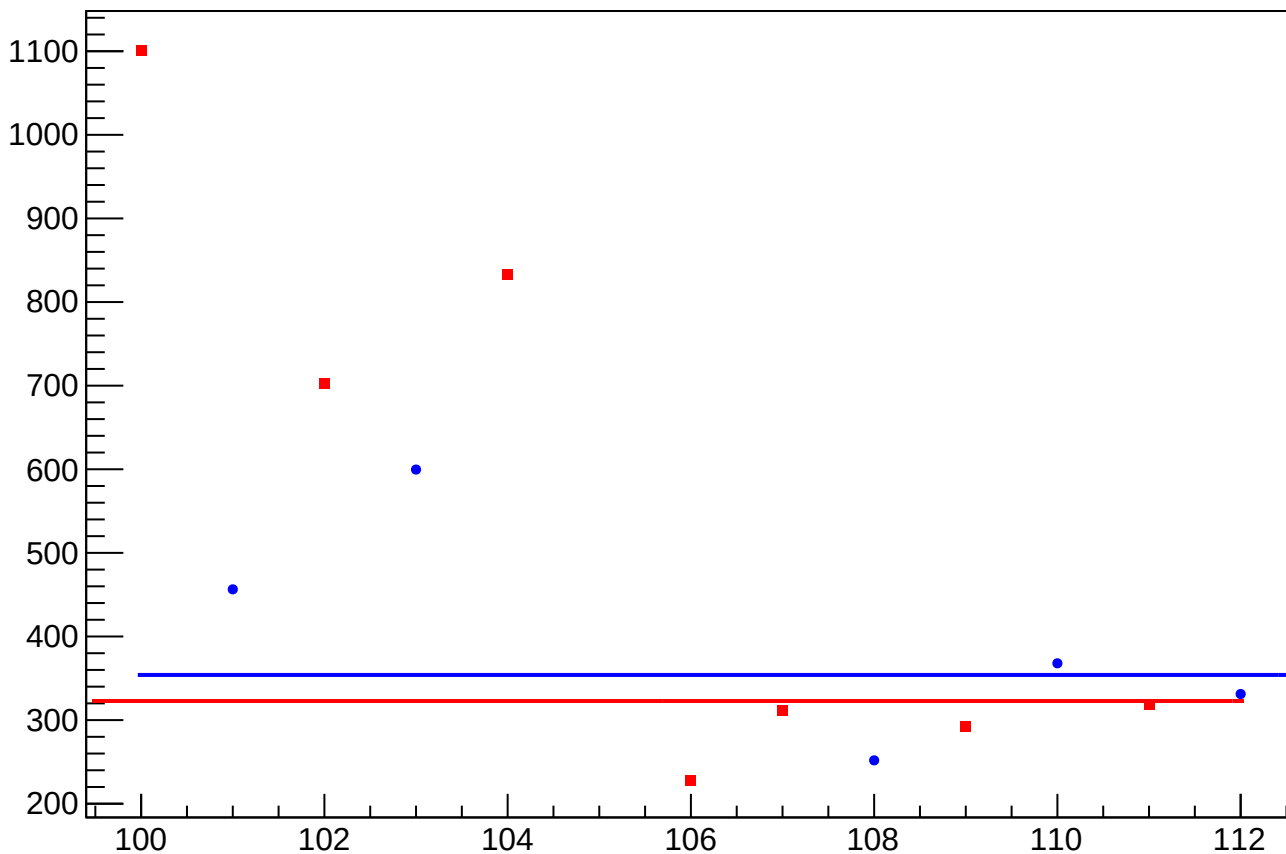
Right: 0.224+/-0.168 χ^2/NDF : 12.2/11

In: 0.035+/-0.240 χ^2/NDF : 3.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.224+/-0.168 χ^2/NDF : 12.2/11

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 354.024+/-0.170 χ^2/NDF : 370444.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 322.850+/-0.166 χ^2/NDF : 703043.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

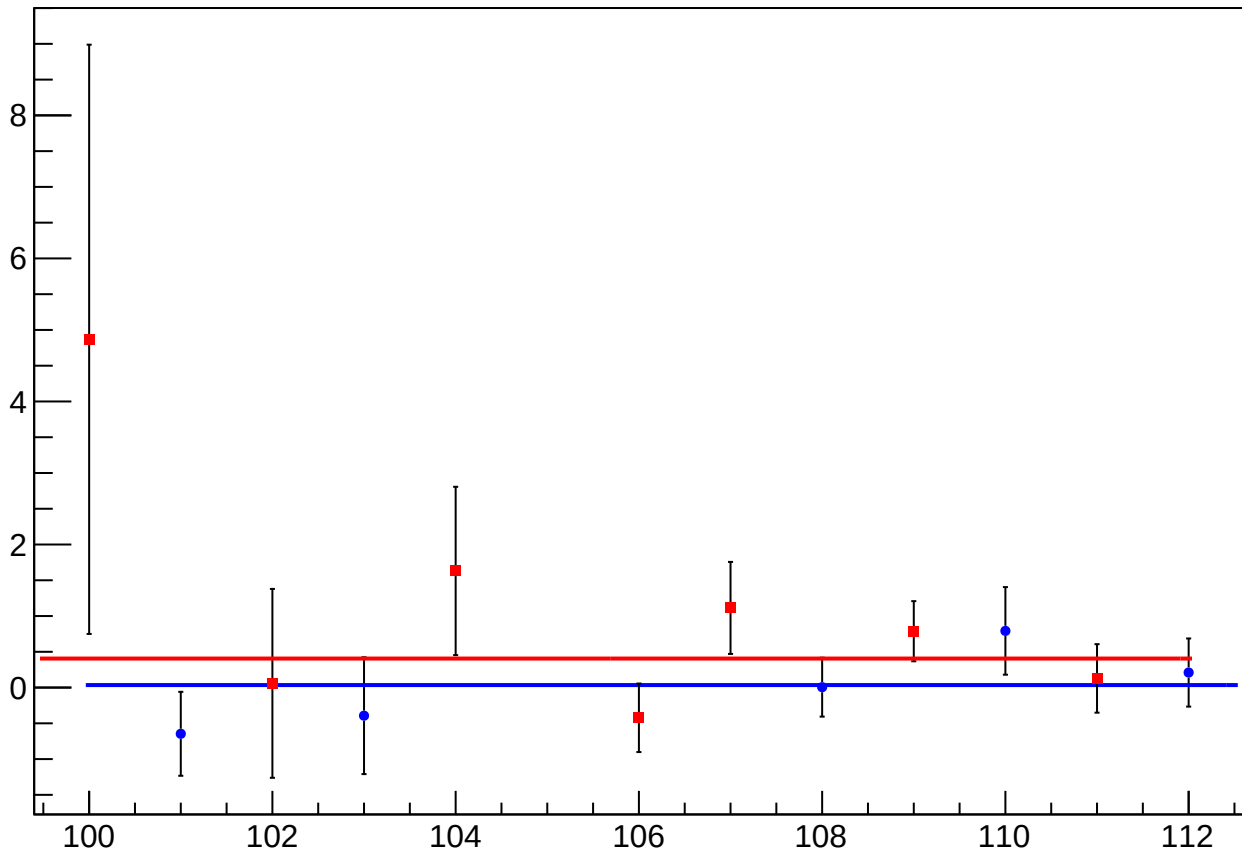
Right: 338.095+/-0.119 χ^2/NDF : 1090732.9/11

In: 354.024+/-0.170 χ^2/NDF : 370444.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 338.095+/-0.119 χ^2/NDF : 1090732.9/11

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035+/-0.240 χ^2/NDF : 3.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.406+/-0.235 χ^2/NDF : 7.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

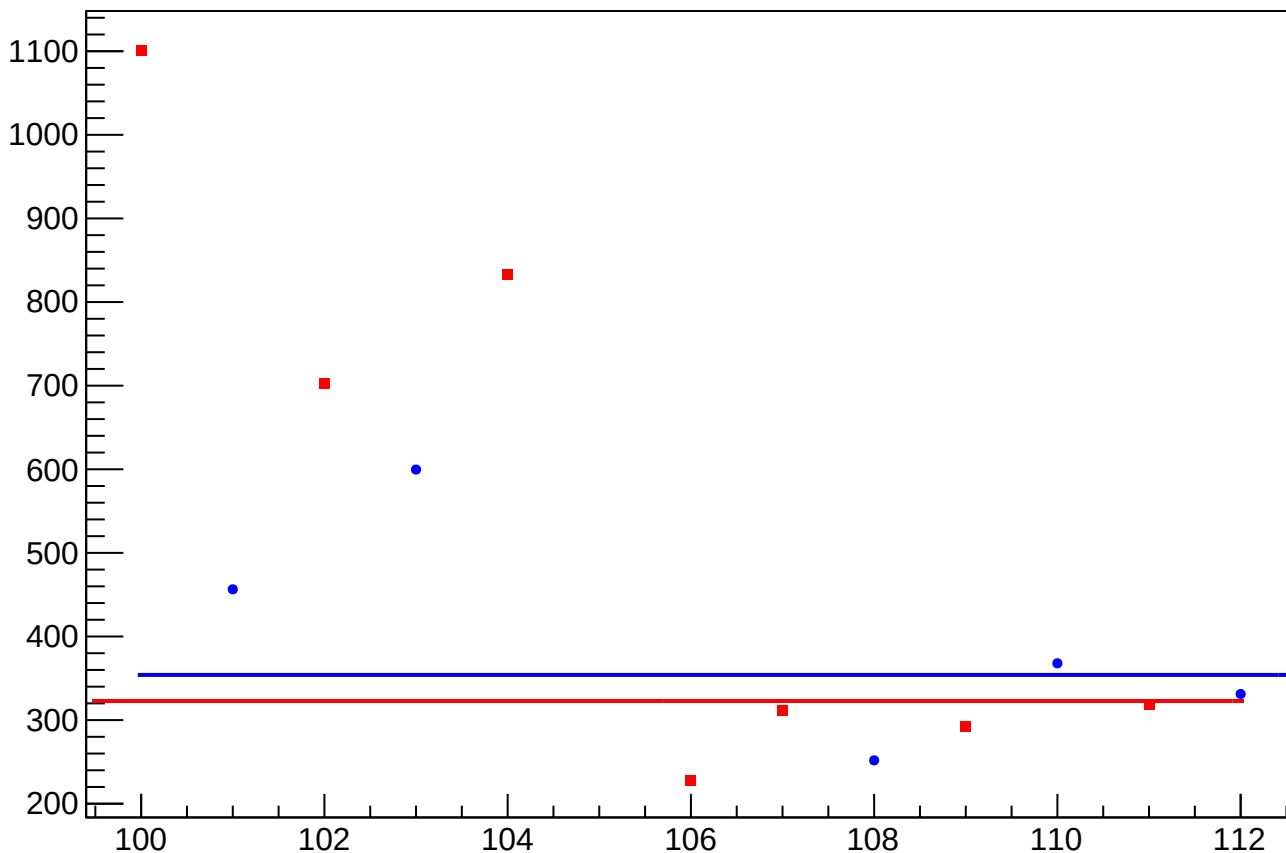
Right: 0.224+/-0.168 χ^2/NDF : 12.2/11

In: 0.035+/-0.240 χ^2/NDF : 3.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.224+/-0.168 χ^2/NDF : 12.2/11

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 354.024 ± 0.170 $\chi^2/\text{NDF}: 370444.4/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 322.850 ± 0.166 $\chi^2/\text{NDF}: 703043.0/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

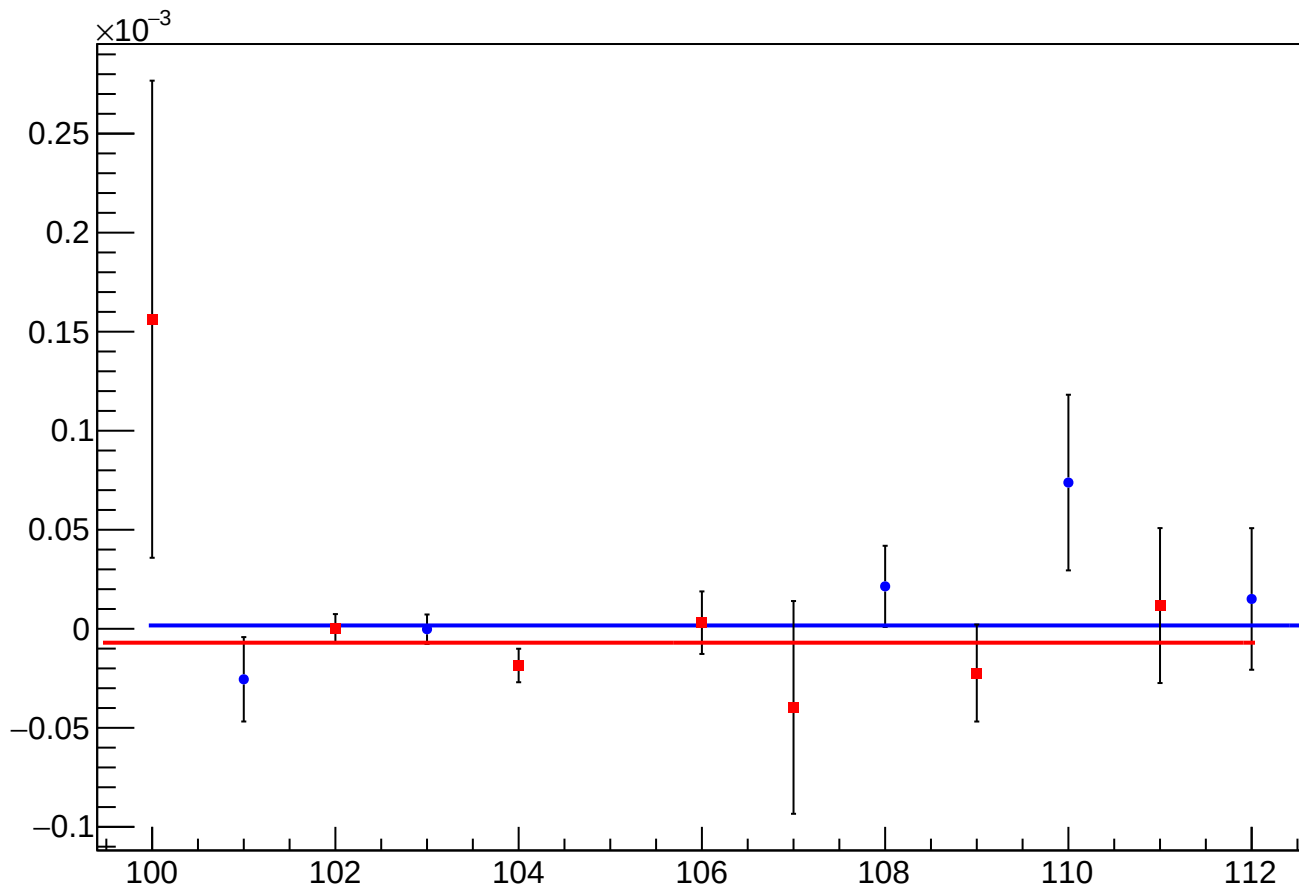
Right: 338.095 ± 0.119 $\chi^2/\text{NDF}: 1090732.9/11$

In: 354.024 ± 0.170 $\chi^2/\text{NDF}: 370444.4/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 338.095 ± 0.119 $\chi^2/\text{NDF}: 1090732.9/11$

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 : 5.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

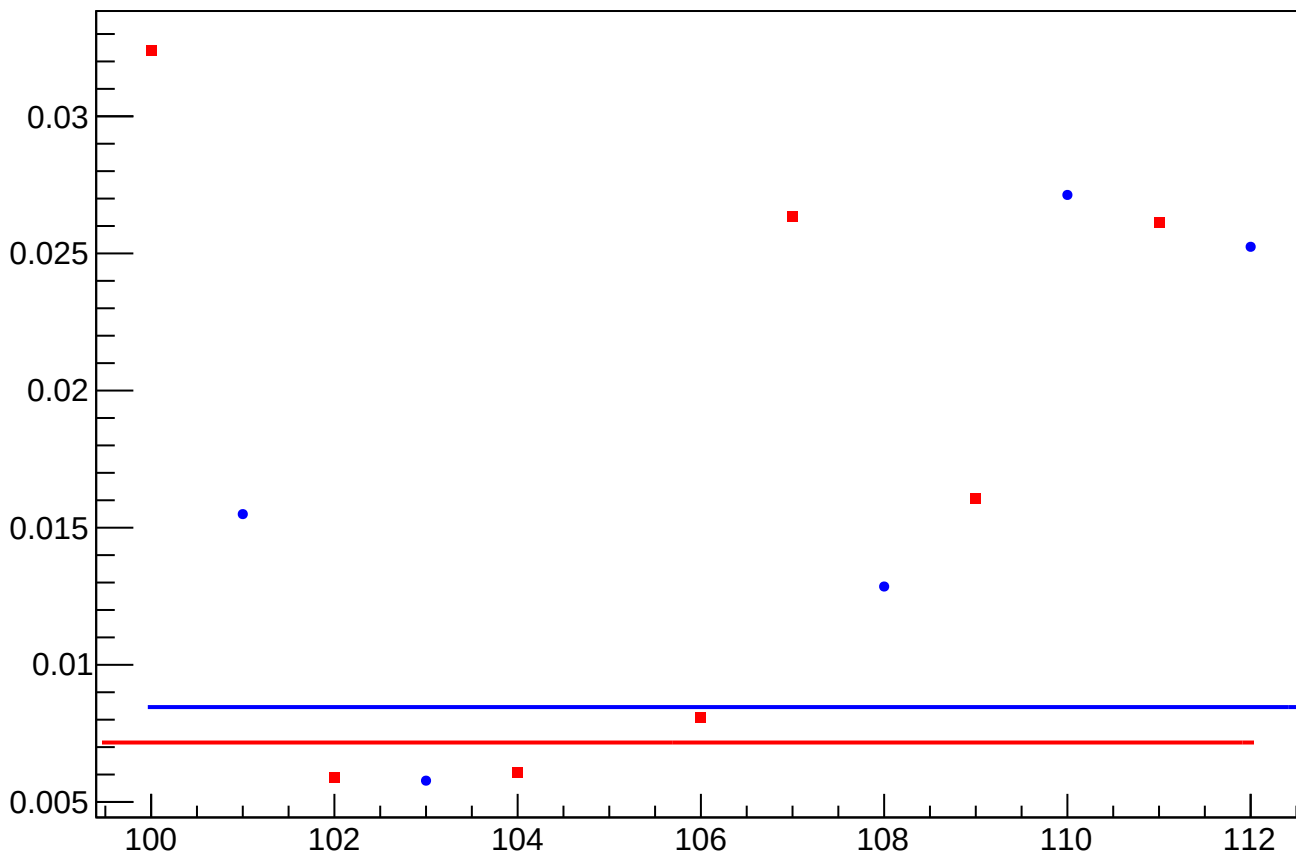
Right: -0.000+/-0.000 χ^2/NDF : 12.6/11

In: 0.000+/-0.000 χ^2/NDF : 5.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.6/11

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 1366654.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 1176974.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

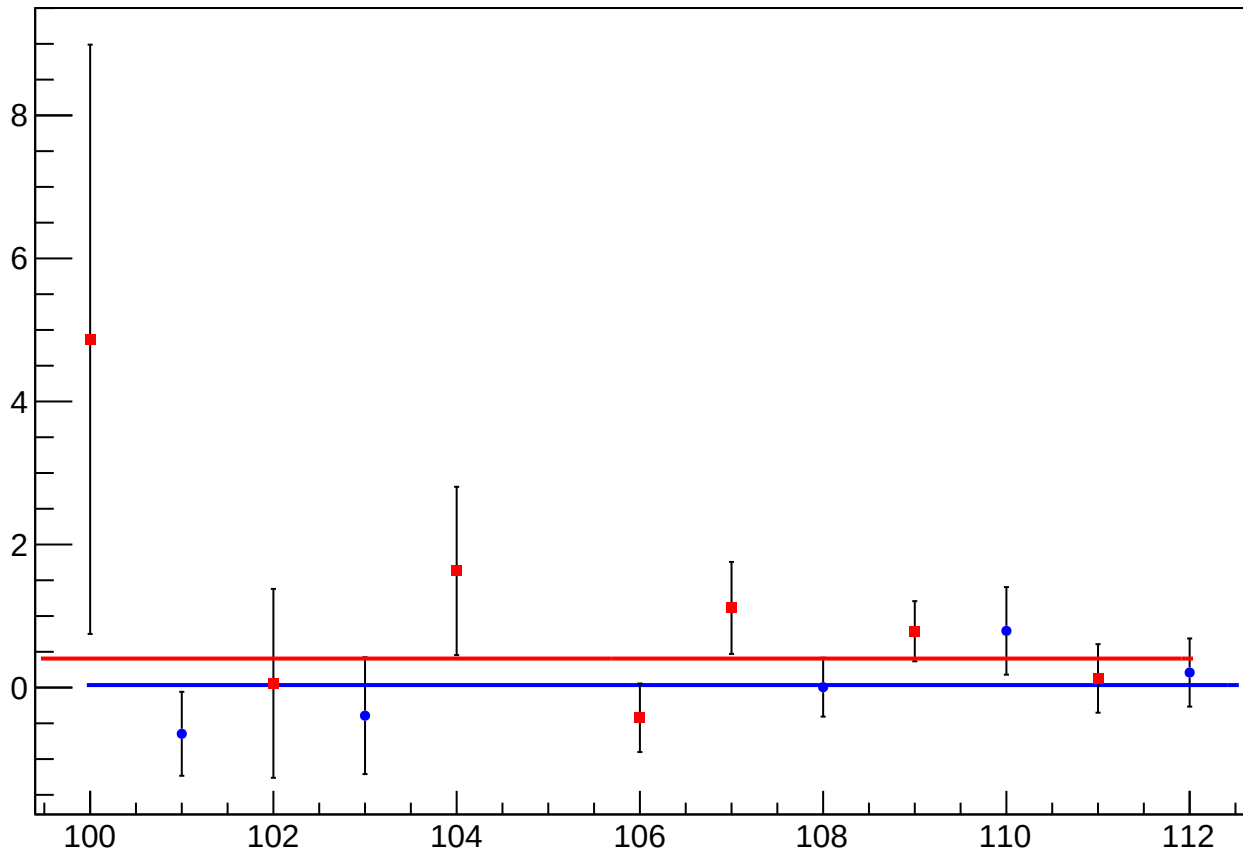
Right: 0.008+/-0.000 χ^2/NDF : 2593467.1/11

In: 0.008+/-0.000 χ^2/NDF : 1366654.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 2593467.1/11

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035 $\pm$ 0.240 χ^2 /NDF: 3.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.406 $\pm$ 0.235 χ^2 /NDF: 7.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

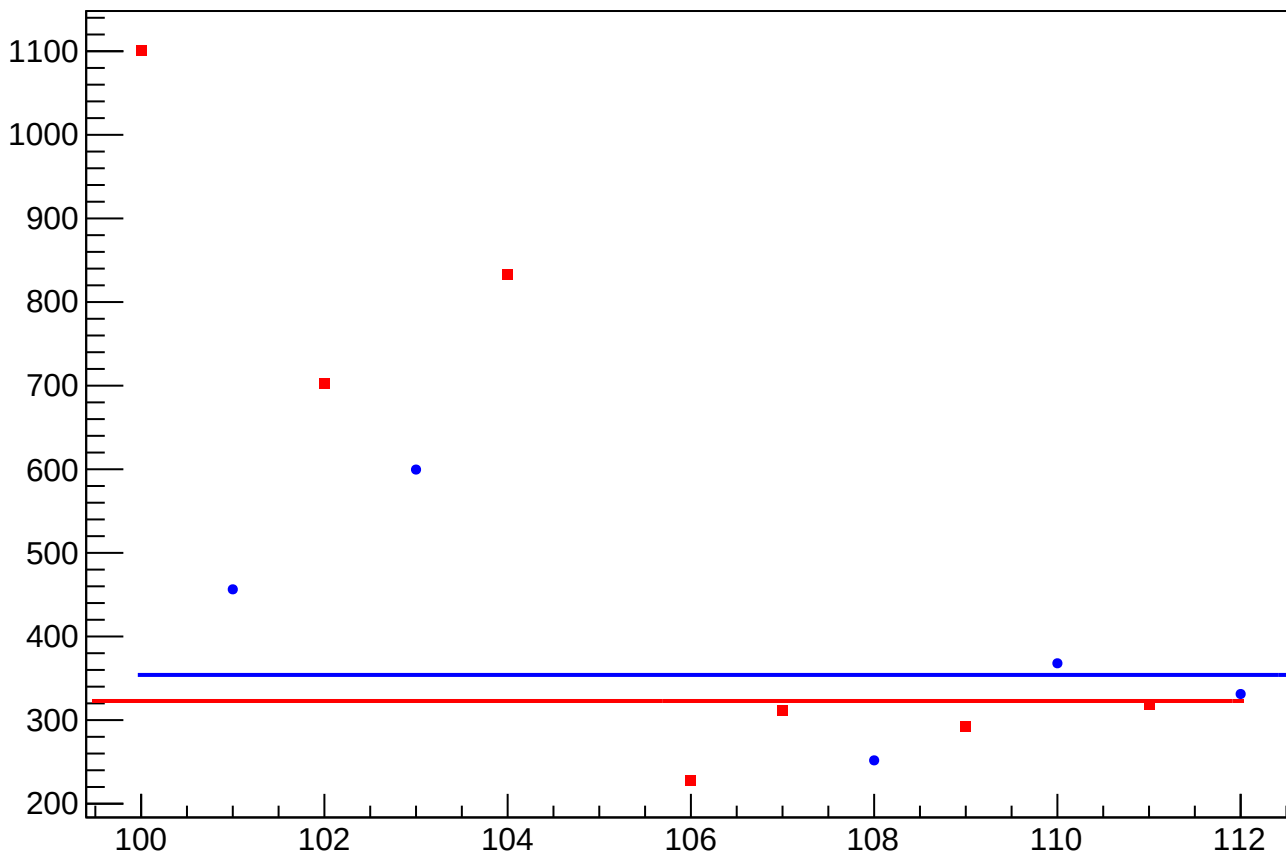
Right: 0.224 $\pm$ 0.168 χ^2 /NDF: 12.2/11

In: 0.035 $\pm$ 0.240 χ^2 /NDF:3.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.224 $\pm$ 0.168 χ^2 /NDF: 12.2/11

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 354.029+/-0.170 χ^2/NDF : 370421.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 322.853+/-0.166 χ^2/NDF : 703037.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

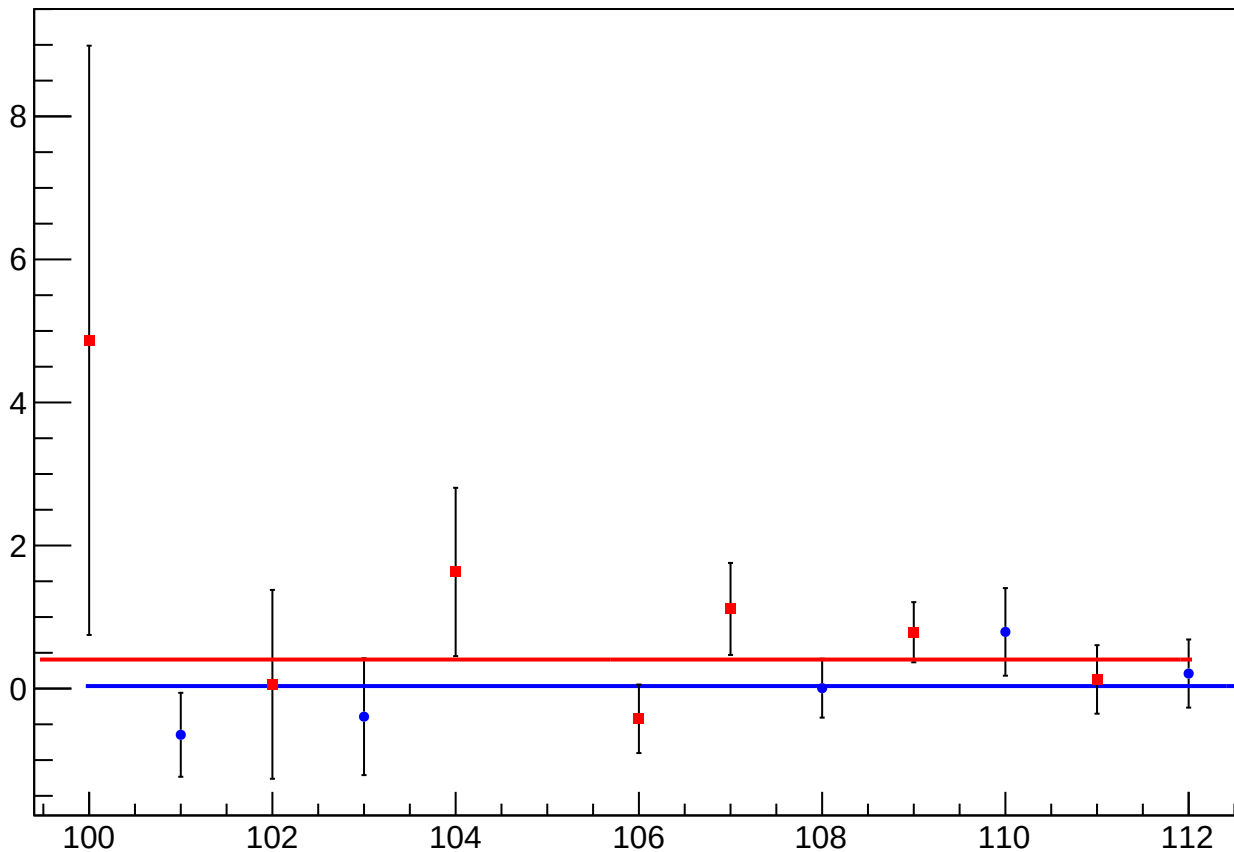
Right: 338.099+/-0.119 χ^2/NDF : 1090707.5/11

In: 354.029+/-0.170 χ^2/NDF : 370421.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 338.099+/-0.119 χ^2/NDF : 1090707.5/11

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035 $\pm$ 0.240 χ^2 /NDF: 3.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.406 $\pm$ 0.235 χ^2 /NDF: 7.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

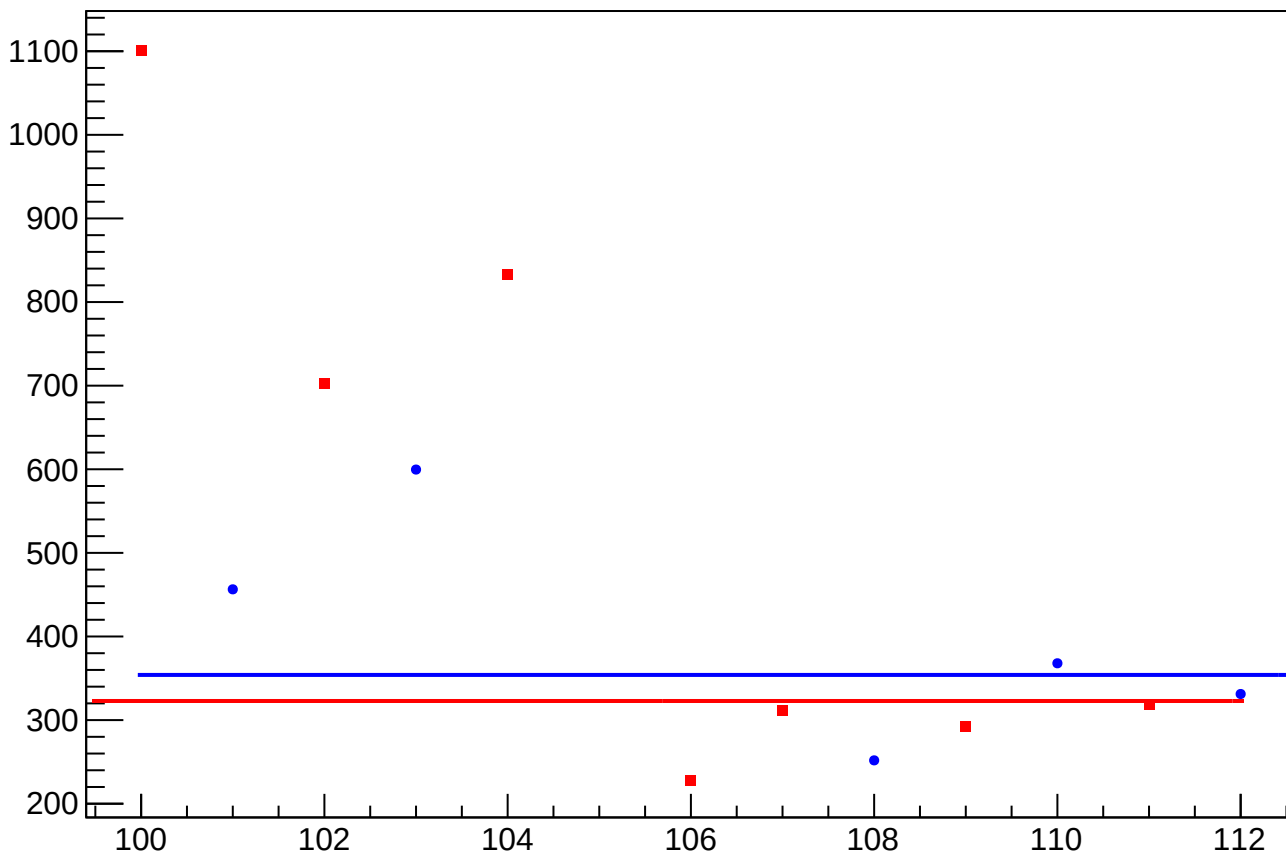
Right: 0.224 $\pm$ 0.168 χ^2 /NDF: 12.2/11

In: 0.035 $\pm$ 0.240 χ^2 /NDF:3.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.224 $\pm$ 0.168 χ^2 /NDF: 12.2/11

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 354.029+/-0.170 χ^2/NDF : 370421.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 322.853+/-0.166 χ^2/NDF : 703037.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

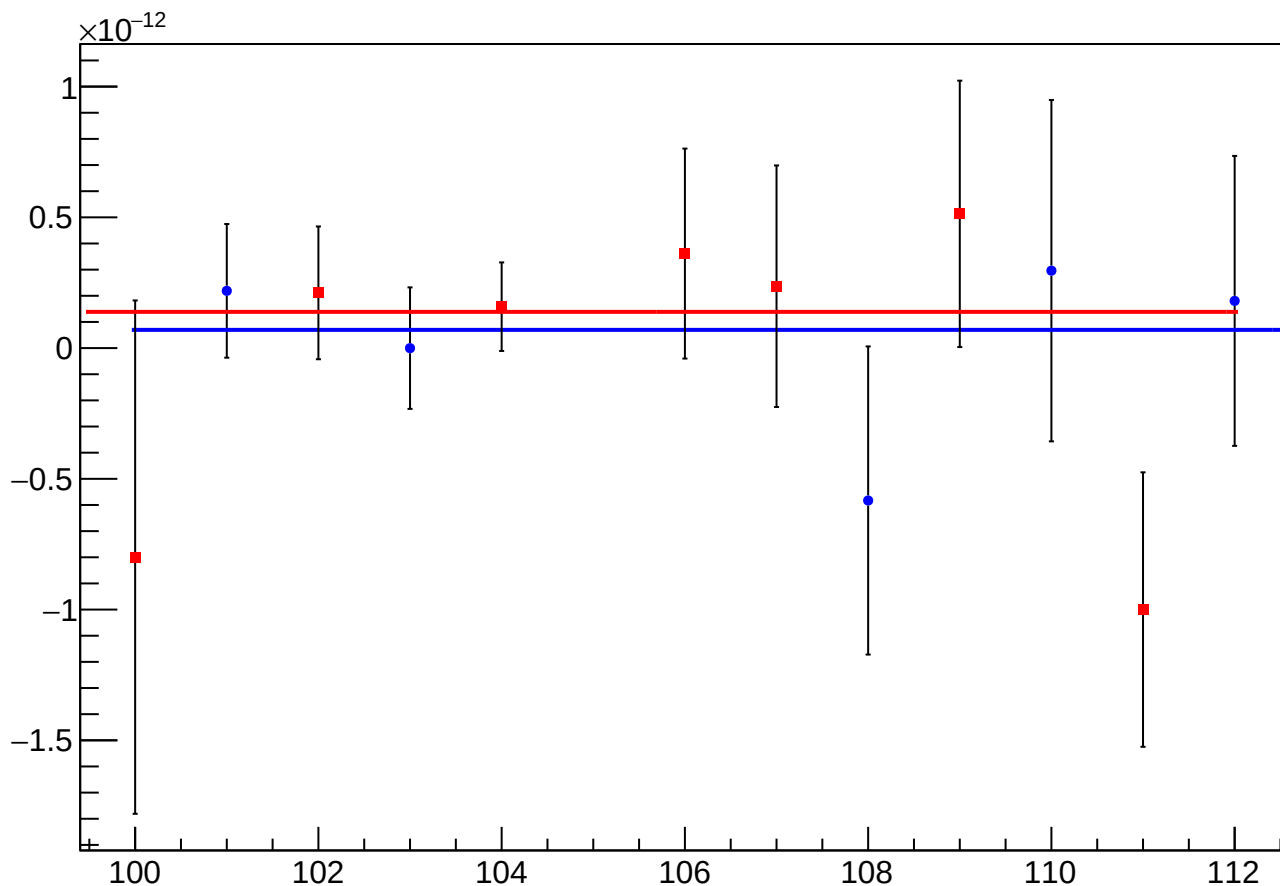
Right: 338.099+/-0.119 χ^2/NDF : 1090707.5/11

In: 354.029+/-0.170 χ^2/NDF : 370421.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 338.099+/-0.119 χ^2/NDF : 1090707.5/11

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 : 1.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

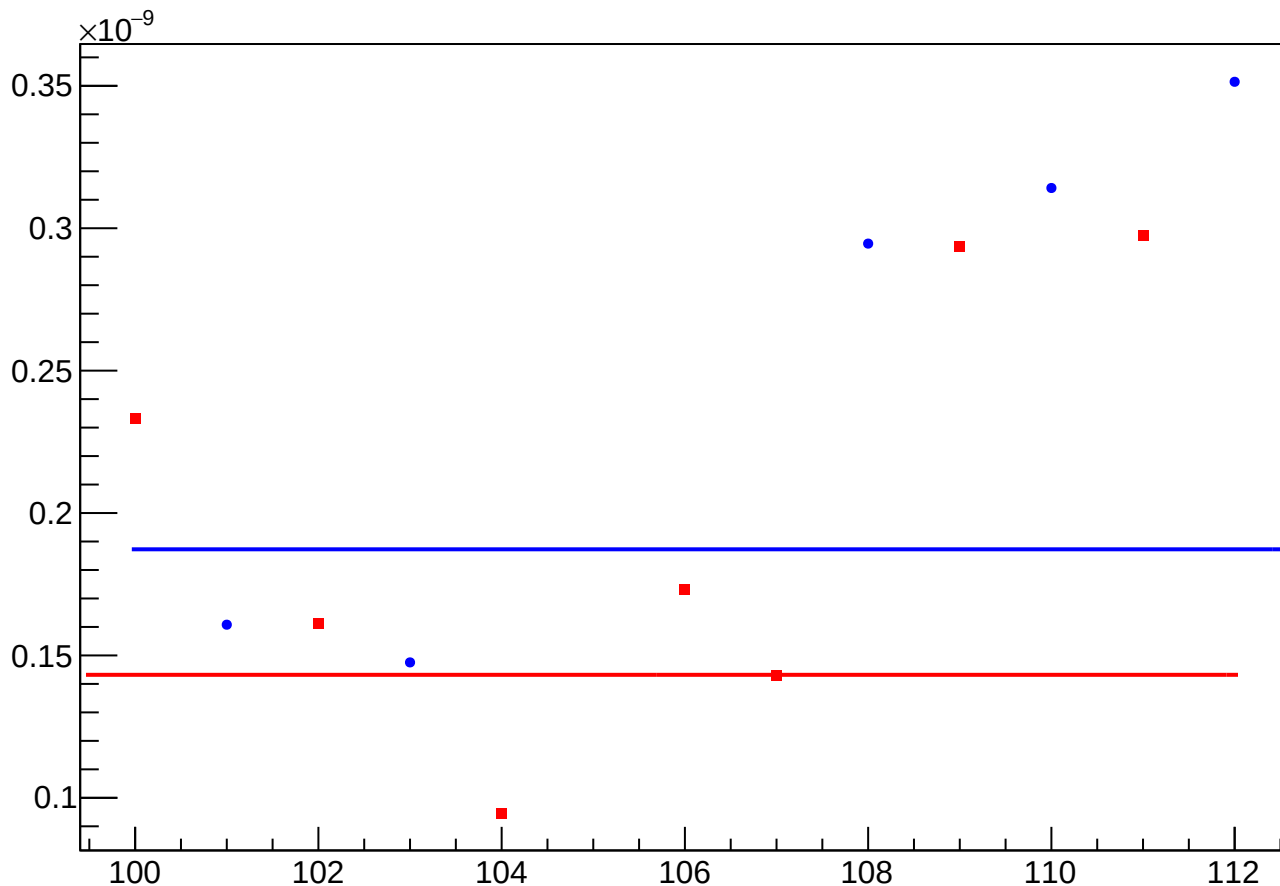
Right: 0.000+/-0.000 χ^2/NDF : 8.6/11

In: 0.000+/-0.000 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.6/11

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 : 397122.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 550413.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

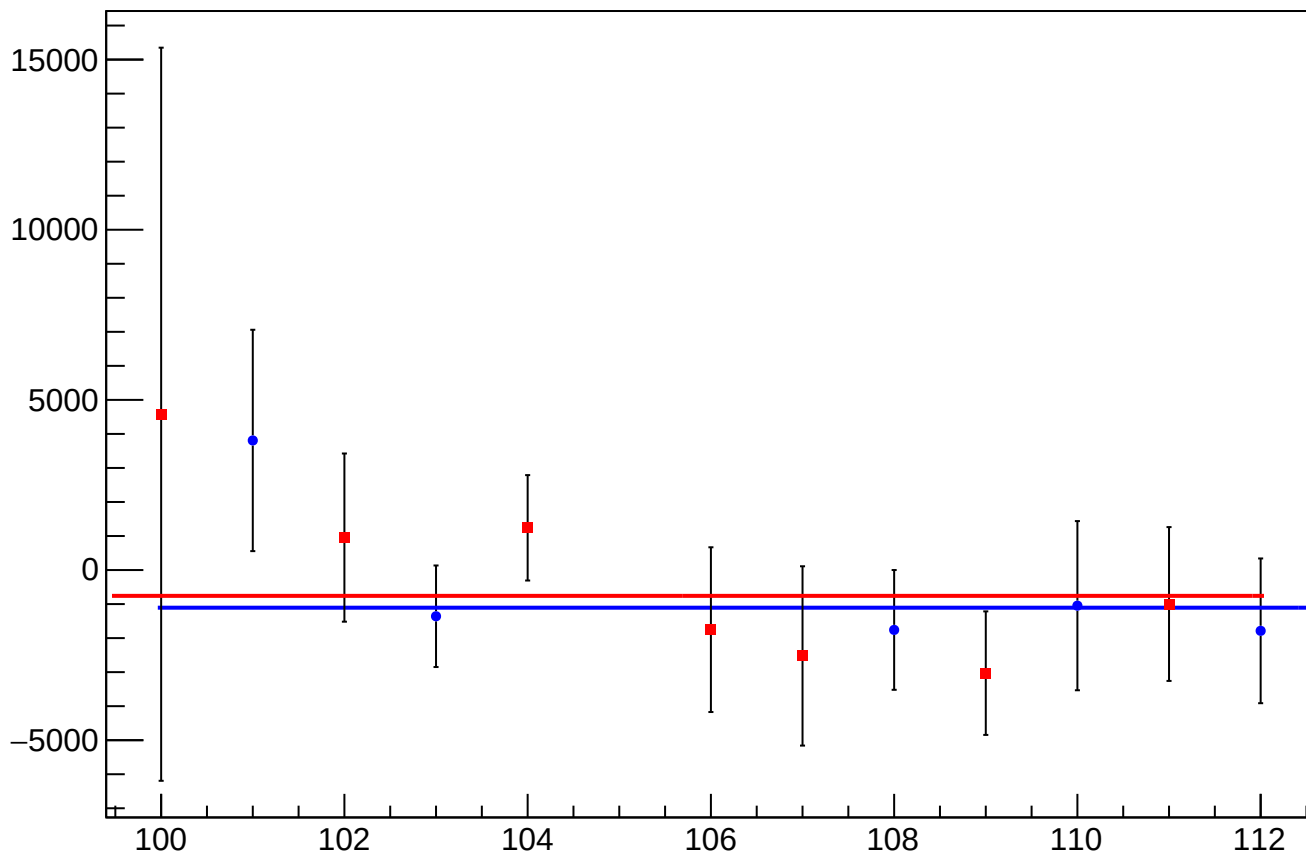
Right: 0.000+/-0.000 χ^2/NDF : 1049884.2/11

In: 0.000+/-0.000 χ^2/NDF : 397122.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1049884.2/11

reg_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1106.310+/-894.567 χ^2/NDF : 2.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -758.502+/-844.160 χ^2/NDF : 4.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

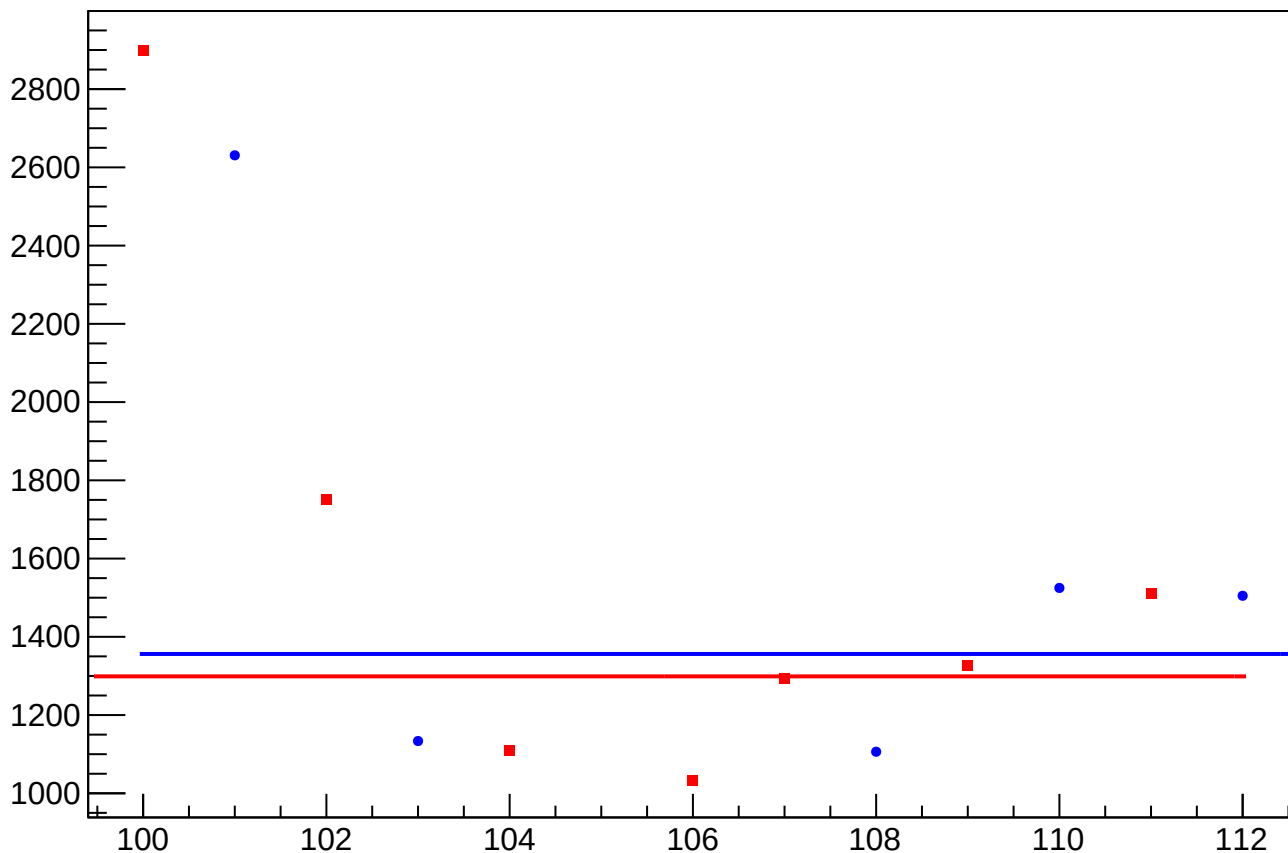
Right: -922.331+/-613.958 χ^2/NDF : 7.2/11

In: -1106.310+/-894.567 χ^2/NDF : 2.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -922.331+/-613.958 χ^2/NDF : 7.2/11

reg_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1356.195+/-0.633 χ^2/NDF : 411025.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.878+/-0.587 χ^2/NDF : 190062.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

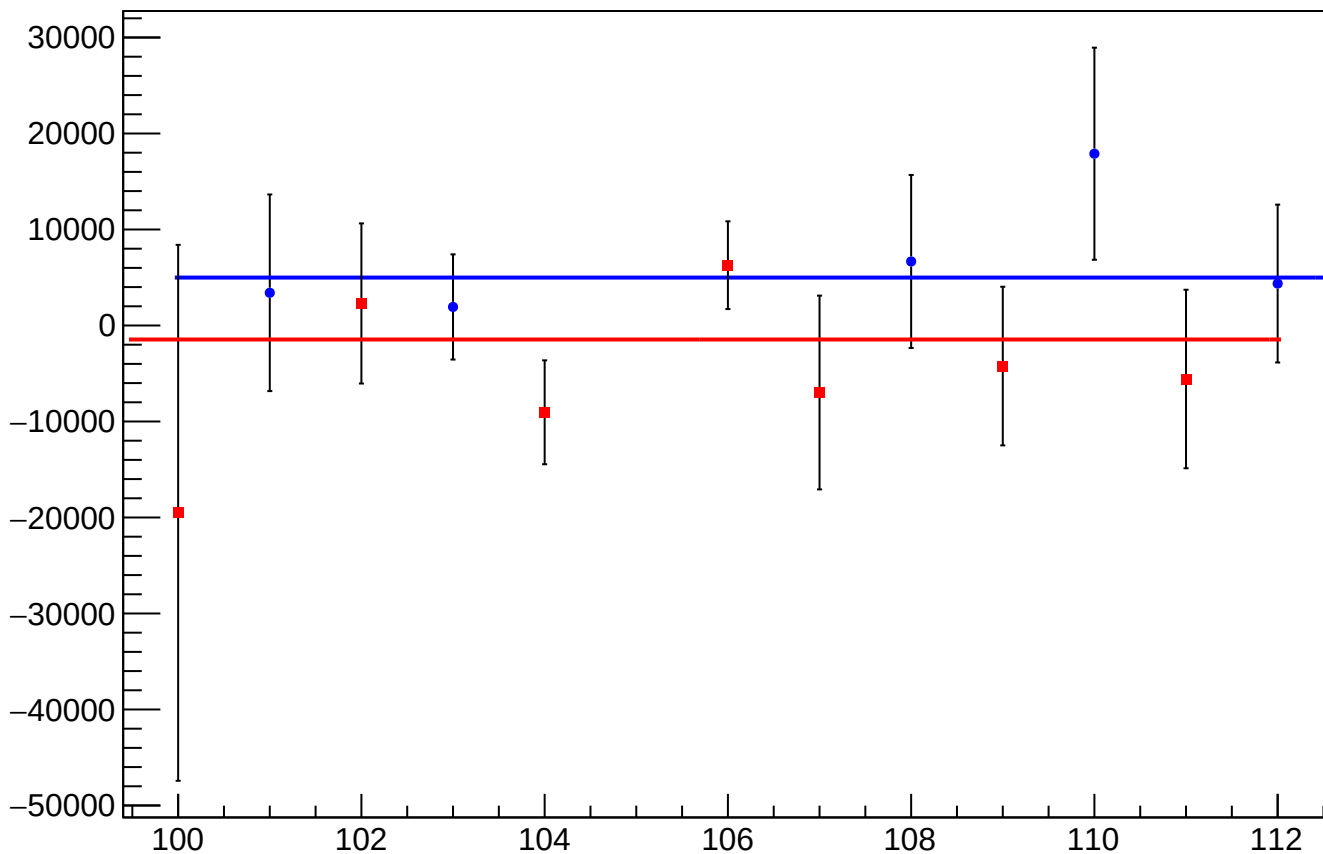
Right: 1325.380+/-0.430 χ^2/NDF : 605501.7/11

In: 1356.195+/-0.633 χ^2/NDF : 411025.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1325.380+/-0.430 χ^2/NDF : 605501.7/11

asym_us_avg_at2lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 4993.453+/-3577.048 χ^2 /NDF: 1.7/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1458.447+/-2735.101 χ^2 /NDF: 6.1/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

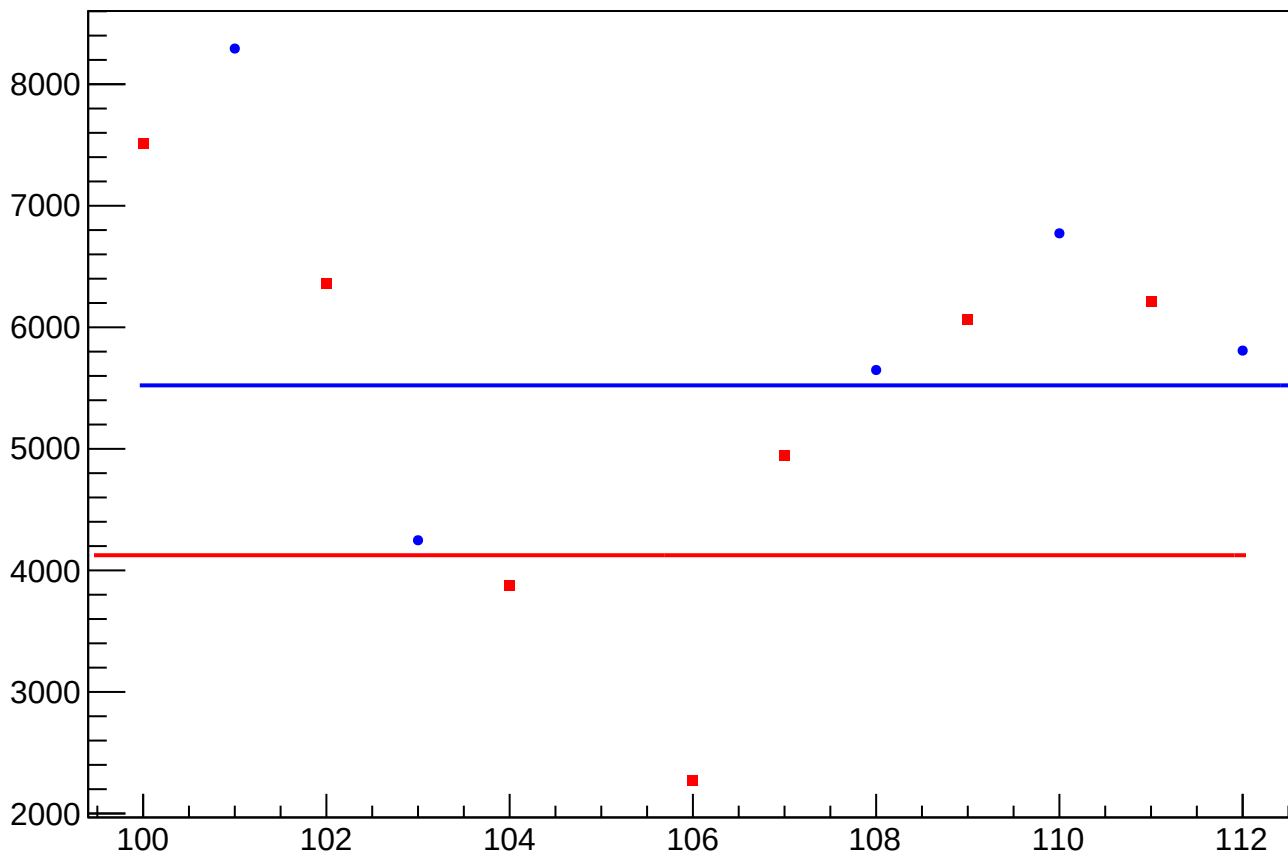
Right: 921.959+/-2172.734 χ^2 /NDF: 9.9/11

In: 4993.453+/-3577.048 χ^2 /NDF:1.7/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 921.959+/-2172.734 χ^2 /NDF: 9.9/11

asym_us_avg_at2lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 5522.364+/-2.529 χ^2/NDF : 283073.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4124.784+/-1.934 χ^2/NDF : 729176.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

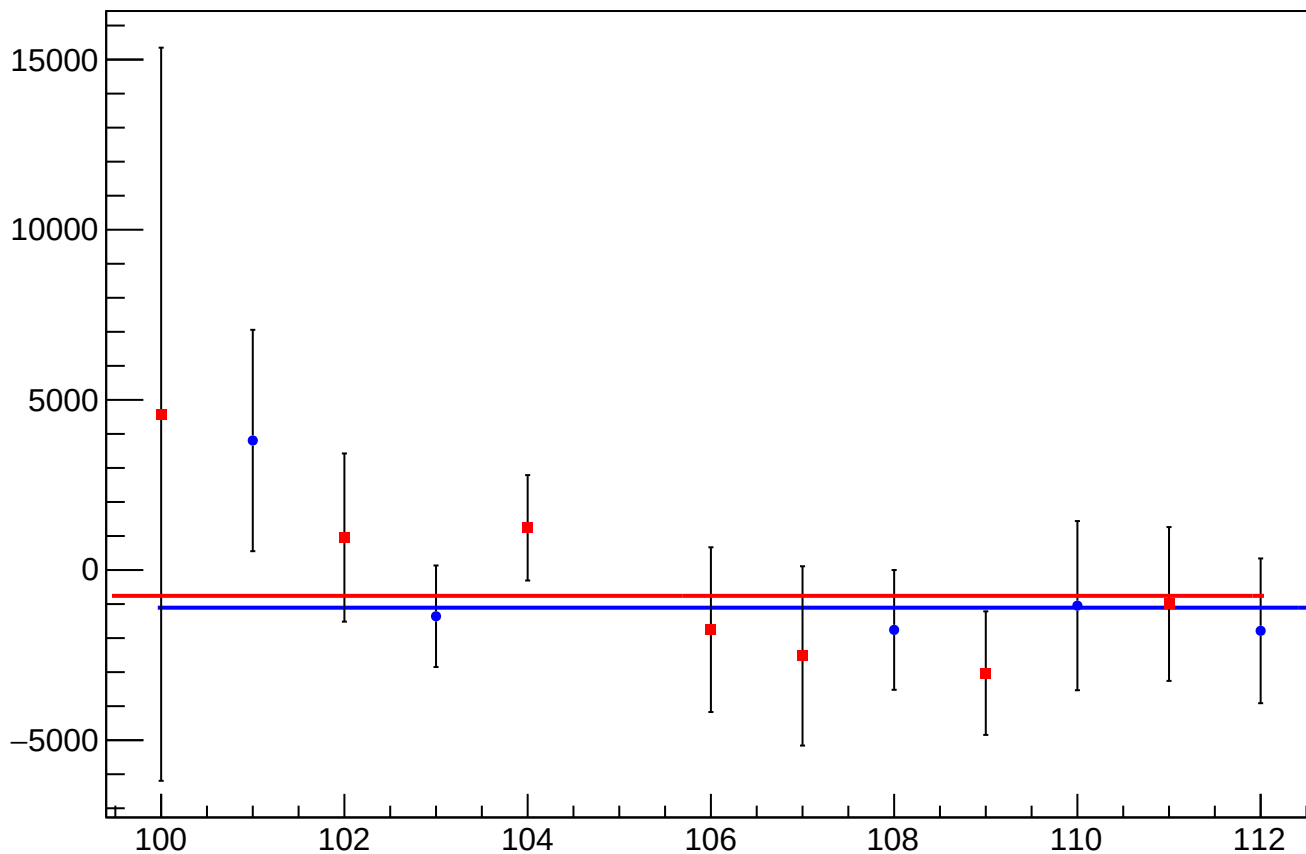
Right: 4640.416+/-1.536 χ^2/NDF : 1204914.0/11

In: 5522.364+/-2.529 χ^2/NDF : 283073.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4640.416+/-1.536 χ^2/NDF : 1204914.0/11

cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1106.391+/-894.567 χ^2/NDF : 2.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -758.256+/-844.160 χ^2/NDF : 4.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

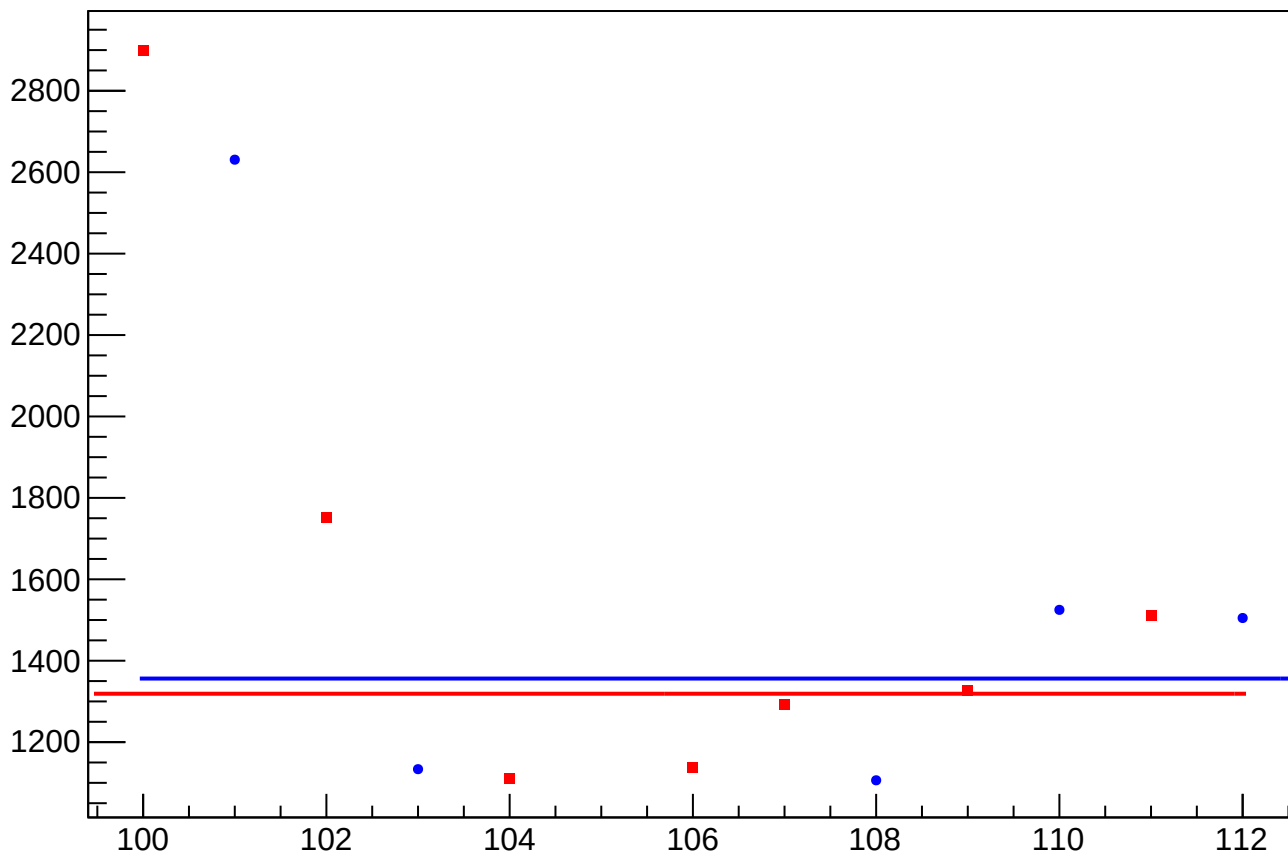
Right: -922.239+/-613.958 χ^2/NDF : 7.2/11

In: -1106.391+/-894.567 χ^2/NDF : 2.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -922.239+/-613.958 χ^2/NDF : 7.2/11

cor_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1356.195+/-0.633 χ^2/NDF : 411025.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1318.901+/-0.594 χ^2/NDF : 167613.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

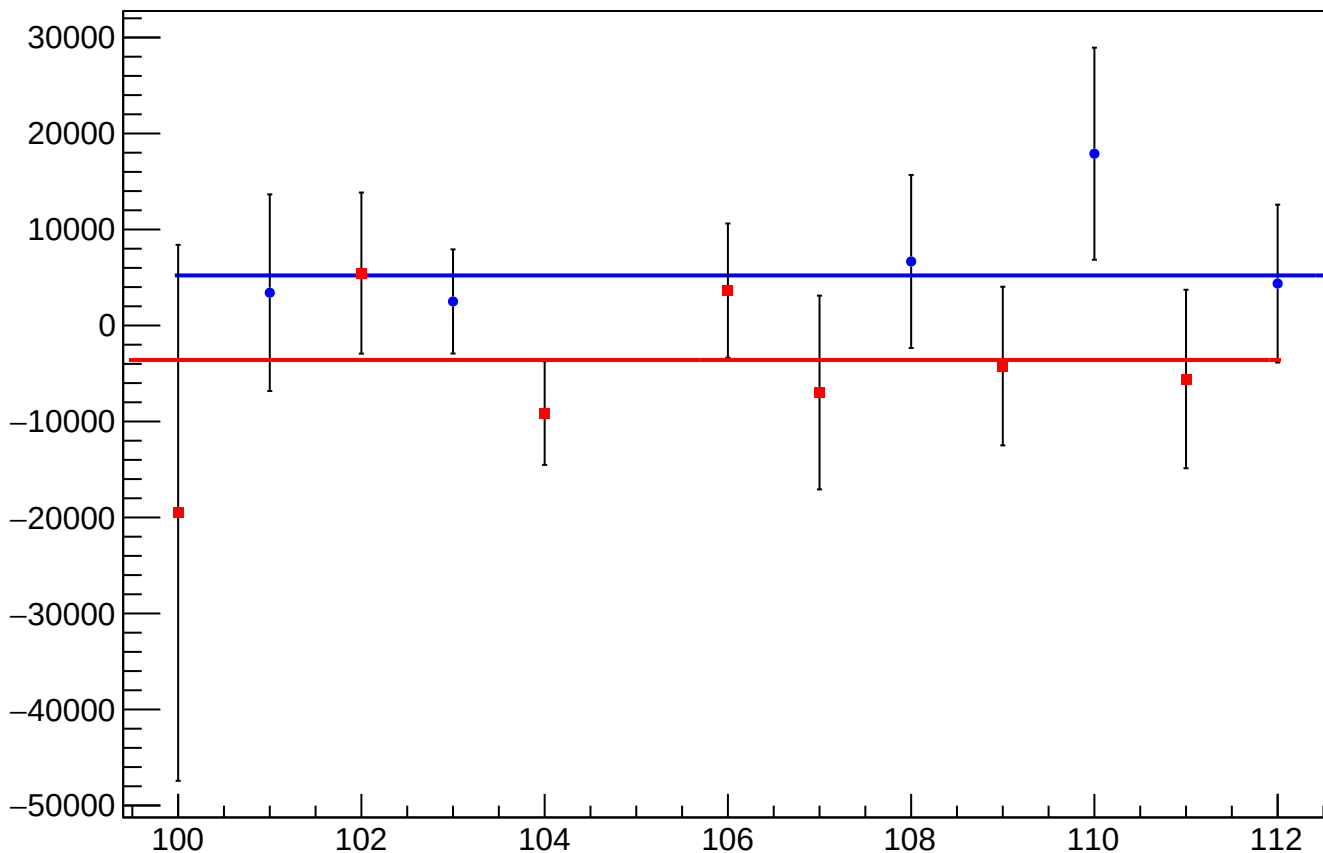
Right: 1336.367+/-0.433 χ^2/NDF : 580486.6/11

In: 1356.195+/-0.633 χ^2/NDF : 411025.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1336.367+/-0.433 χ^2/NDF : 580486.6/11

asym_us_avg_at2lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 5215.173+/-3562.323 χ^2/NDF : 1.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3591.649+/-3066.734 χ^2/NDF : 3.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

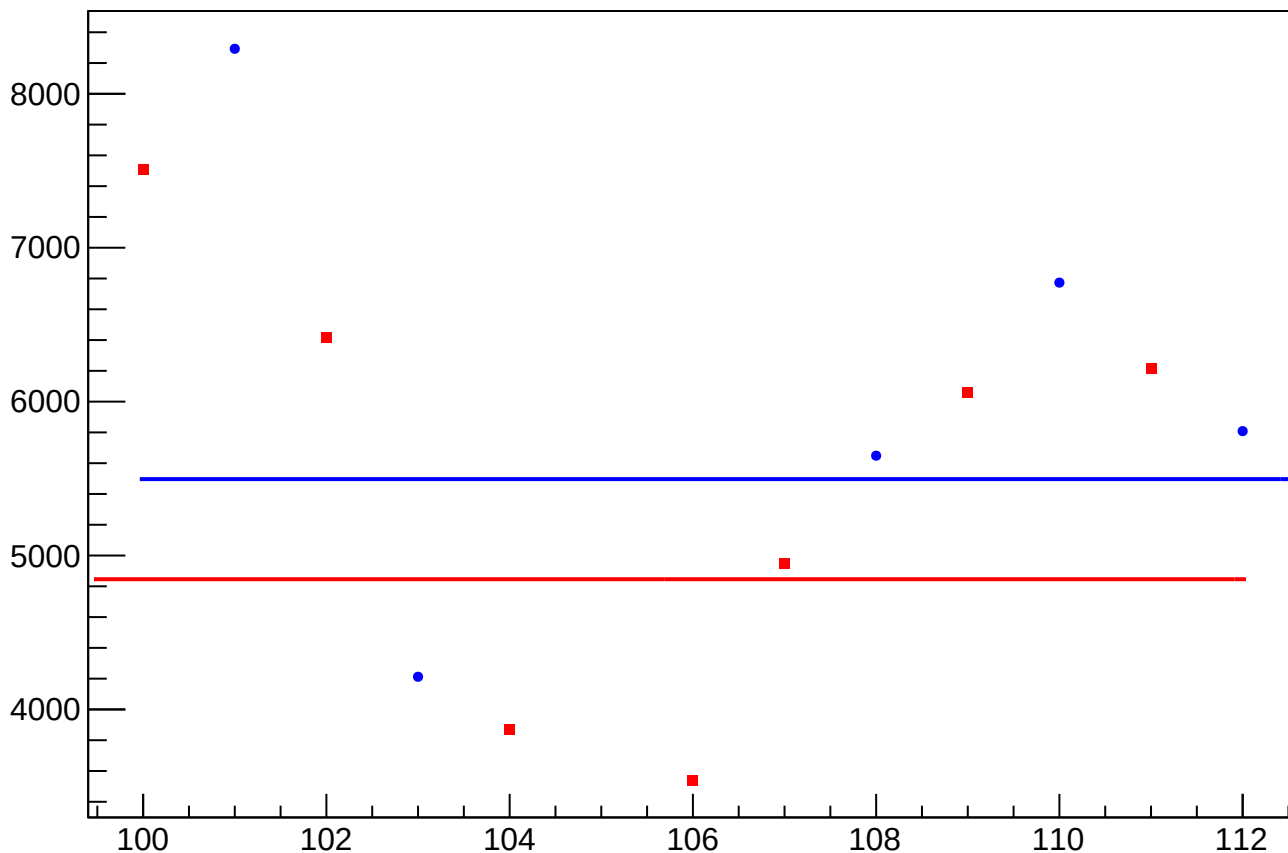
Right: 157.023+/-2324.141 χ^2/NDF : 8.9/11

In: 5215.173+/-3562.323 χ^2/NDF : 1.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.023+/-2324.141 χ^2/NDF : 8.9/11

asym_us_avg_at2lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 5496.467+/-2.519 χ^2/NDF : 291282.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4846.116+/-2.169 χ^2/NDF : 310353.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

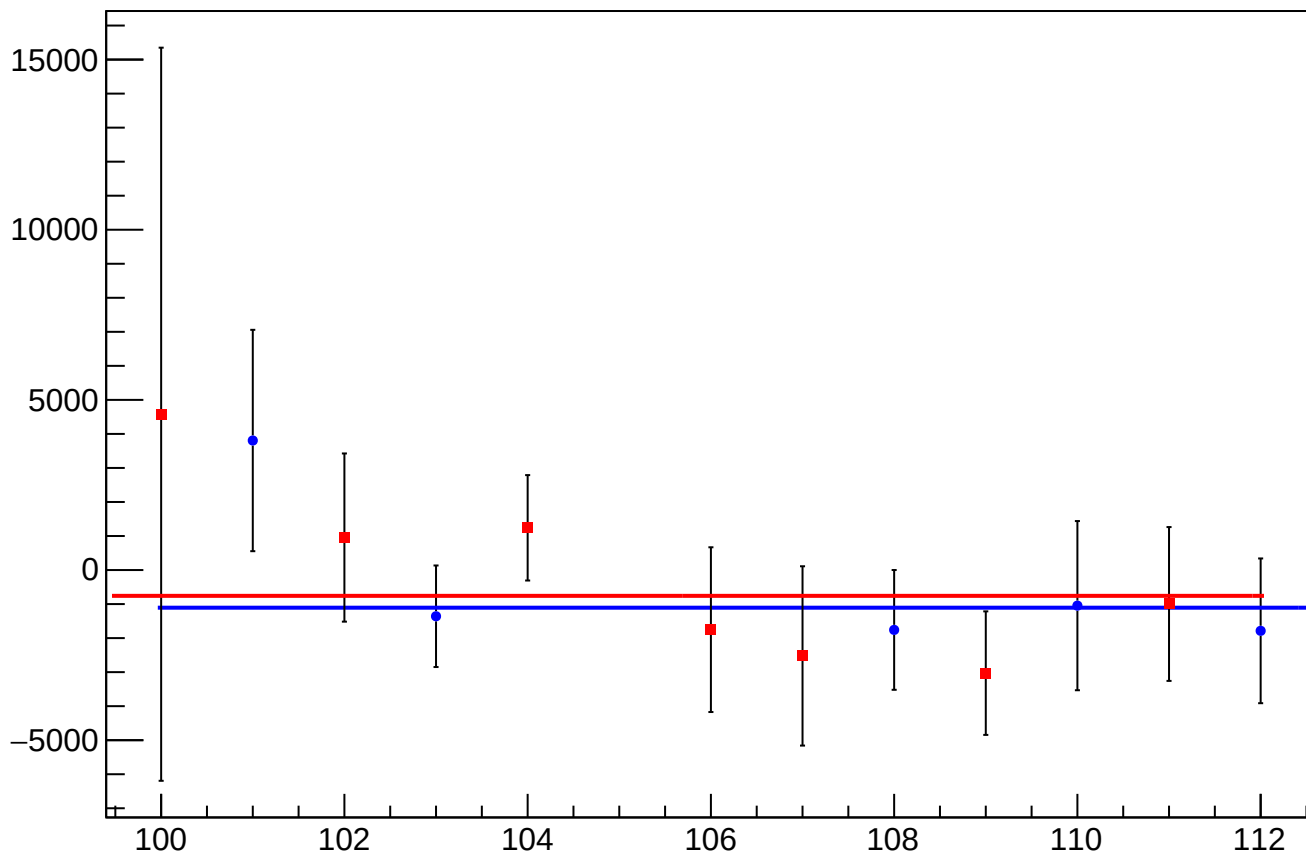
Right: 5122.942+/-1.643 χ^2/NDF : 639921.7/11

In: 5496.467+/-2.519 χ^2/NDF : 291282.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5122.942+/-1.643 χ^2/NDF : 639921.7/11

eigen_cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1106.391+/-894.567 χ^2/NDF : 2.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -758.256+/-844.160 χ^2/NDF : 4.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

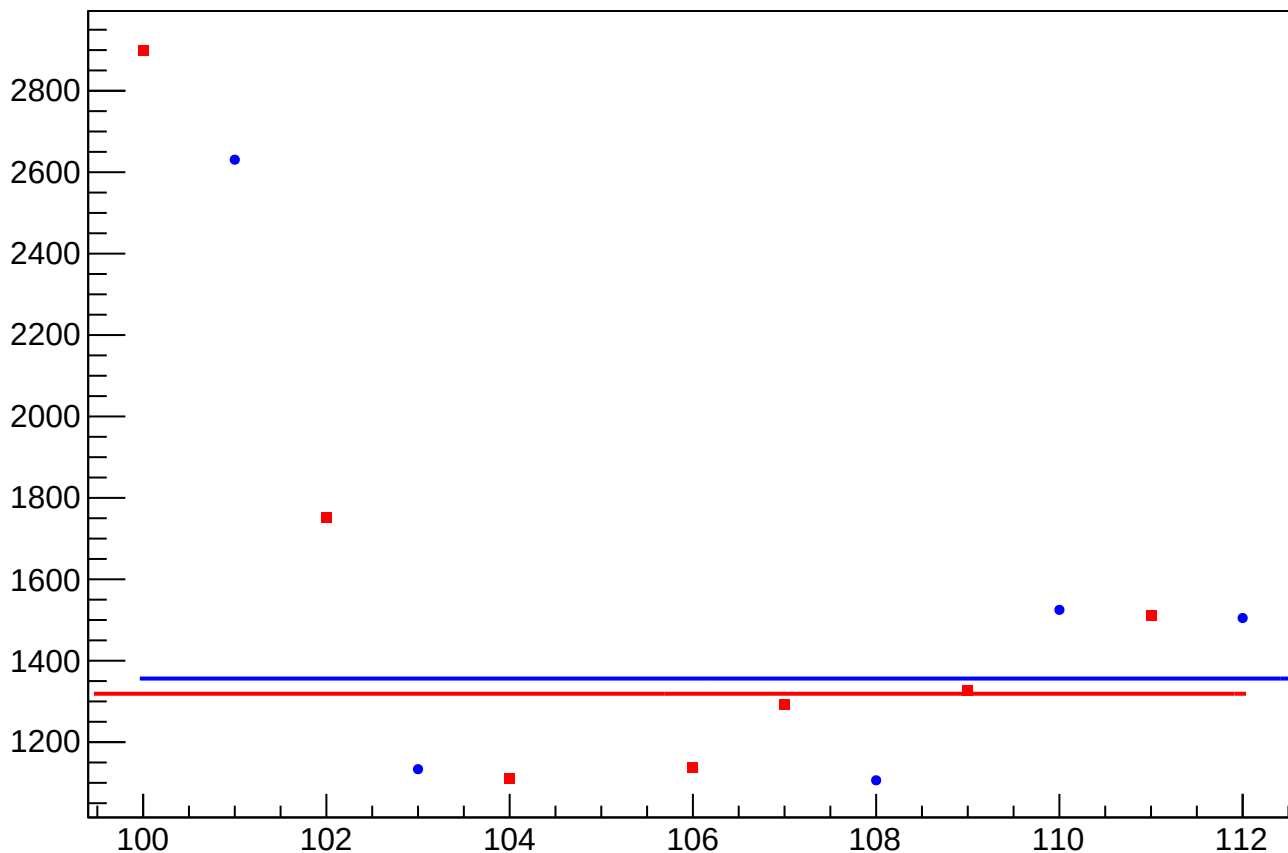
Right: -922.239+/-613.958 χ^2/NDF : 7.2/11

In: -1106.391+/-894.567 χ^2/NDF : 2.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -922.239+/-613.958 χ^2/NDF : 7.2/11

eigen_cor_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1356.195+/-0.633 χ^2/NDF : 411025.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1318.901+/-0.594 χ^2/NDF : 167613.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

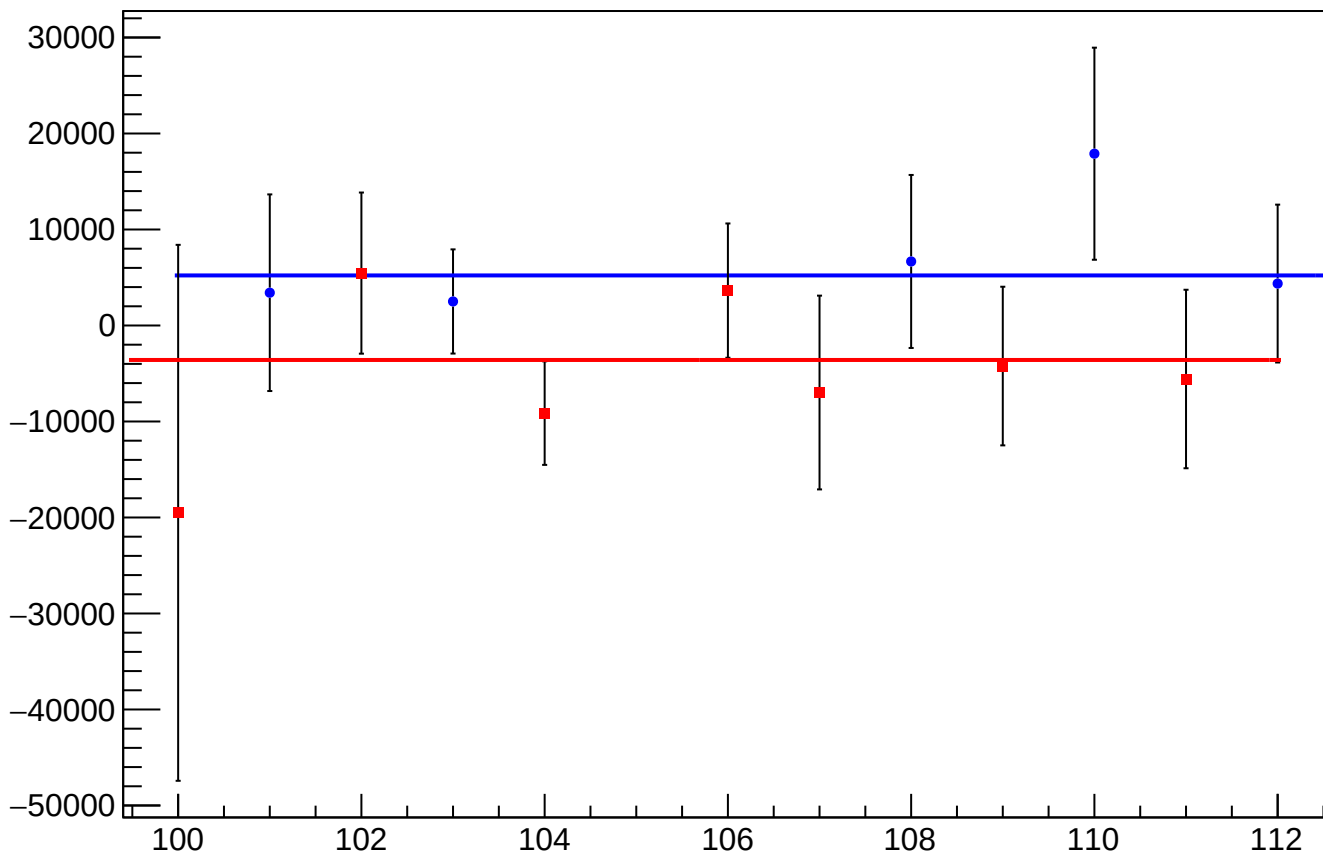
Right: 1336.367+/-0.433 χ^2/NDF : 580486.6/11

In: 1356.195+/-0.633 χ^2/NDF : 411025.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1336.367+/-0.433 χ^2/NDF : 580486.6/11

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 5215.173+/-3562.323 χ^2/NDF : 1.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3591.649+/-3066.734 χ^2/NDF : 3.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

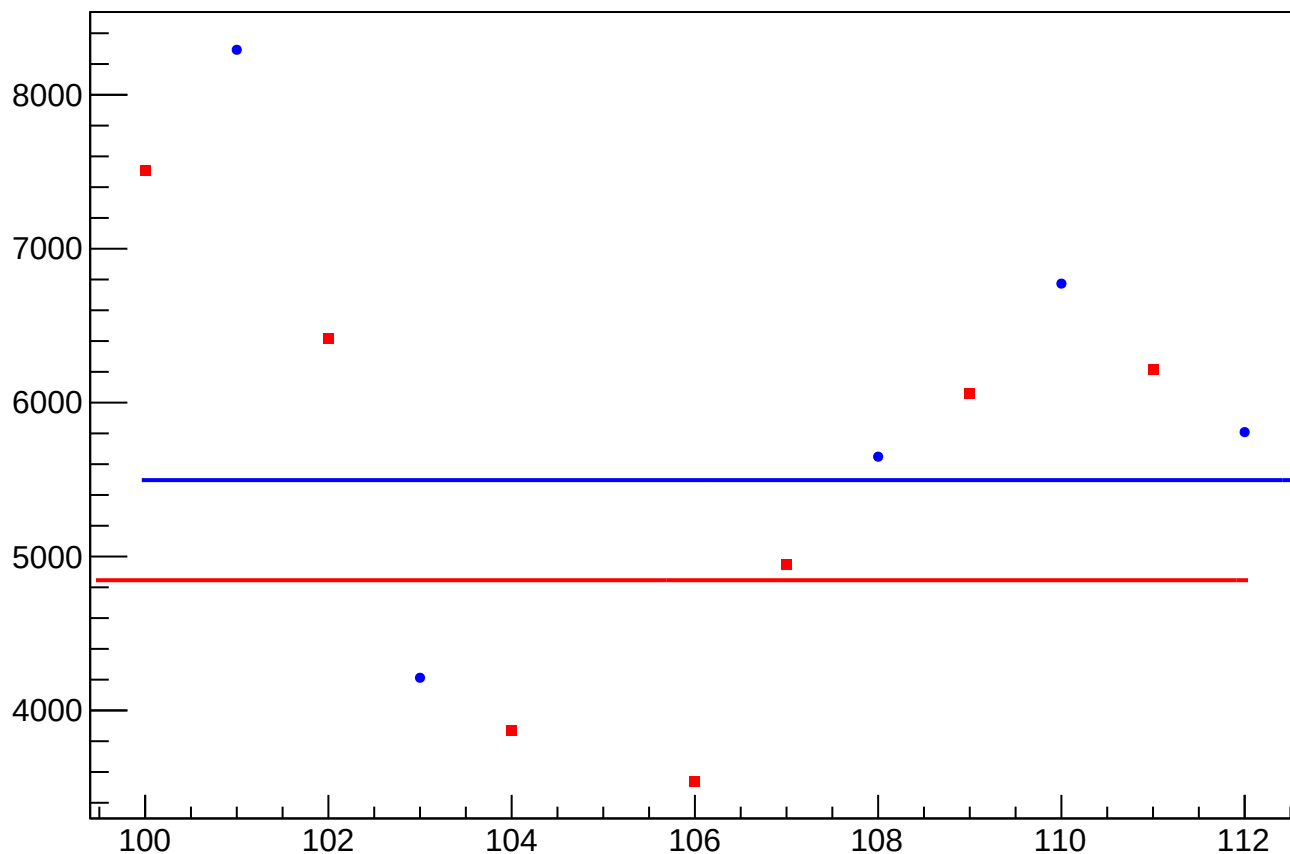
Right: 157.023+/-2324.141 χ^2/NDF : 8.9/11

In: 5215.173+/-3562.323 χ^2/NDF : 1.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.023+/-2324.141 χ^2/NDF : 8.9/11

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 5496.467+/-2.519 χ^2/NDF : 291282.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4846.116+/-2.169 χ^2/NDF : 310353.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

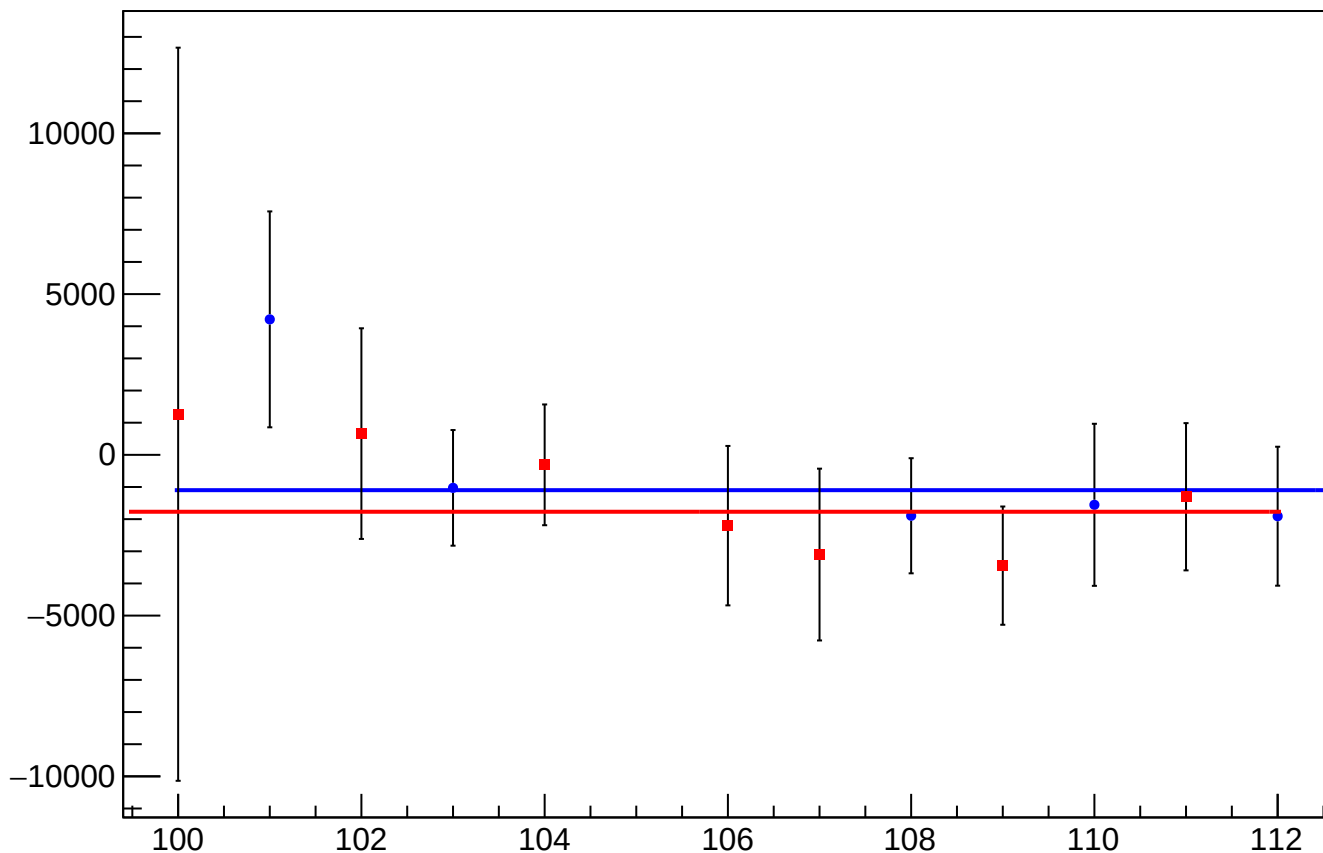
Right: 5122.942+/-1.643 χ^2/NDF : 639921.7/11

In: 5496.467+/-2.519 χ^2/NDF : 291282.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5122.942+/-1.643 χ^2/NDF : 639921.7/11

dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1098.648 $\pm$ 961.654 χ^2 /NDF: 2.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1769.902 $\pm$ 923.160 χ^2 /NDF: 2.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

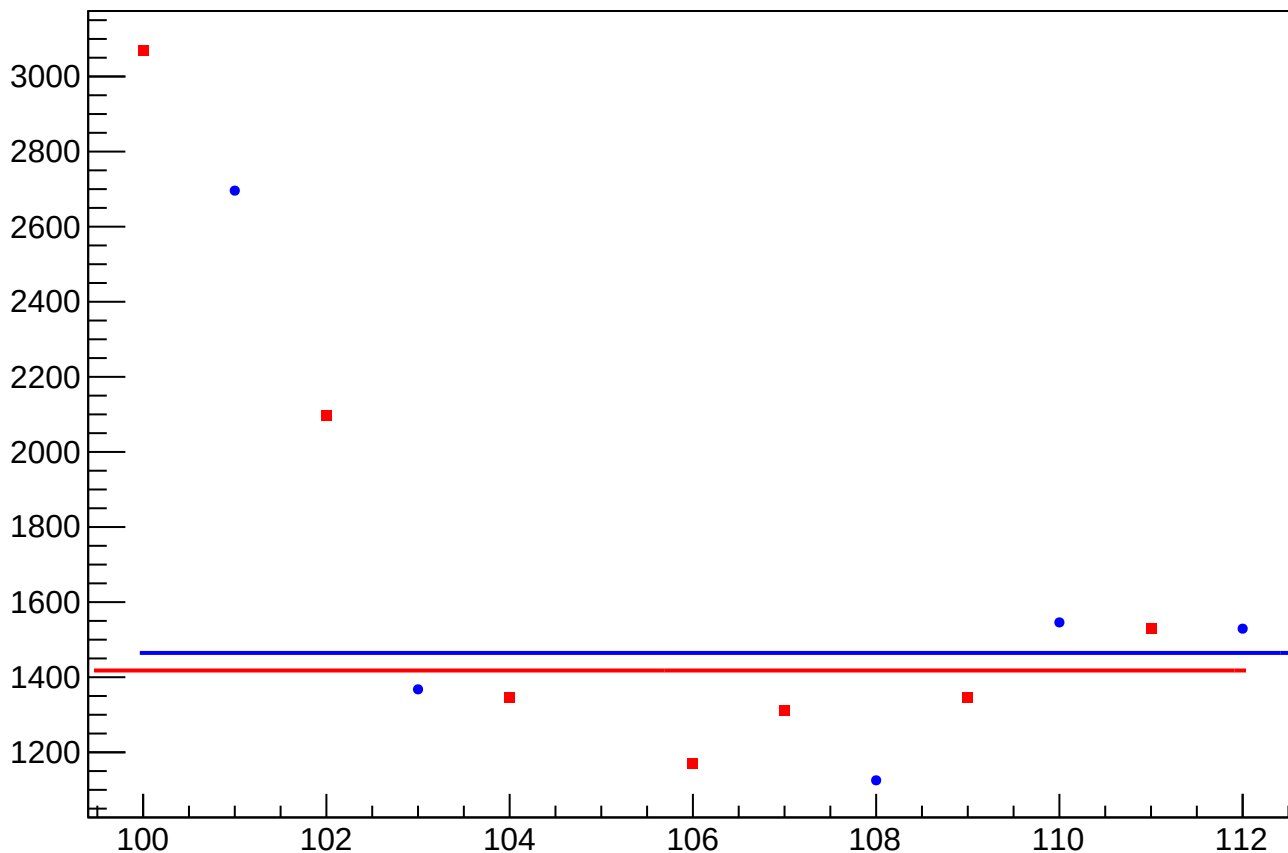
Right: -1447.978 $\pm$ 665.965 χ^2 /NDF: 5.5/11

In: -1098.648 $\pm$ 961.654 χ^2 /NDF:2.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1447.978 $\pm$ 665.965 χ^2 /NDF: 5.5/11

dit_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1464.700+/-0.680 χ^2/NDF : 350437.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1417.890+/-0.652 χ^2/NDF : 161907.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

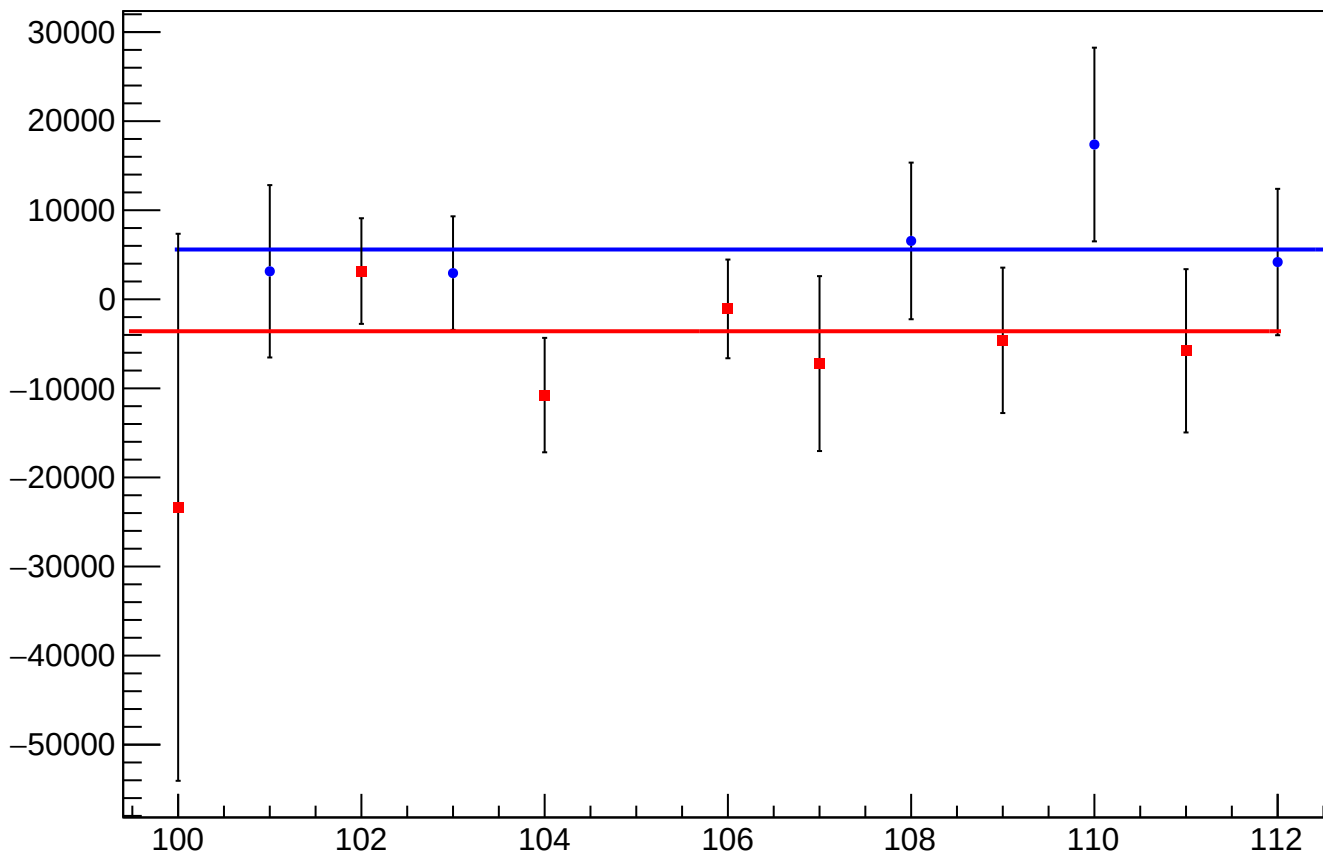
Right: 1440.322+/-0.471 χ^2/NDF : 514813.2/11

In: 1464.700+/-0.680 χ^2/NDF : 350437.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1440.322+/-0.471 χ^2/NDF : 514813.2/11

asym_us_avg_at2lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 5590.894+/-3740.239 χ^2/NDF : 1.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3586.436+/-2844.465 χ^2/NDF : 3.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

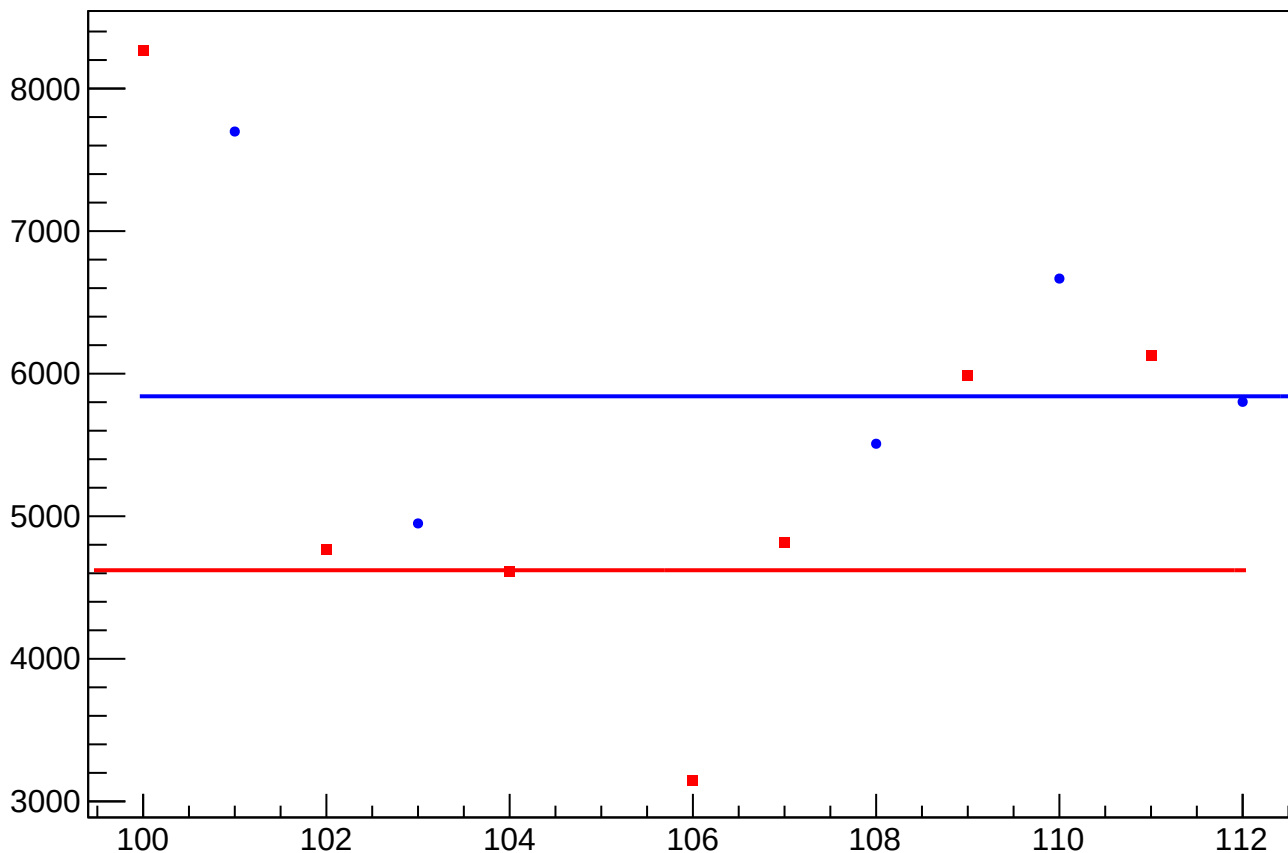
Right: -223.558+/-2264.106 χ^2/NDF : 8.6/11

In: 5590.894+/-3740.239 χ^2/NDF : 1.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -223.558+/-2264.106 χ^2/NDF : 8.6/11

asym_us_avg_at2lr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 5841.372+/-2.645 χ^2/NDF : 127241.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4621.310+/-2.011 χ^2/NDF : 281118.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

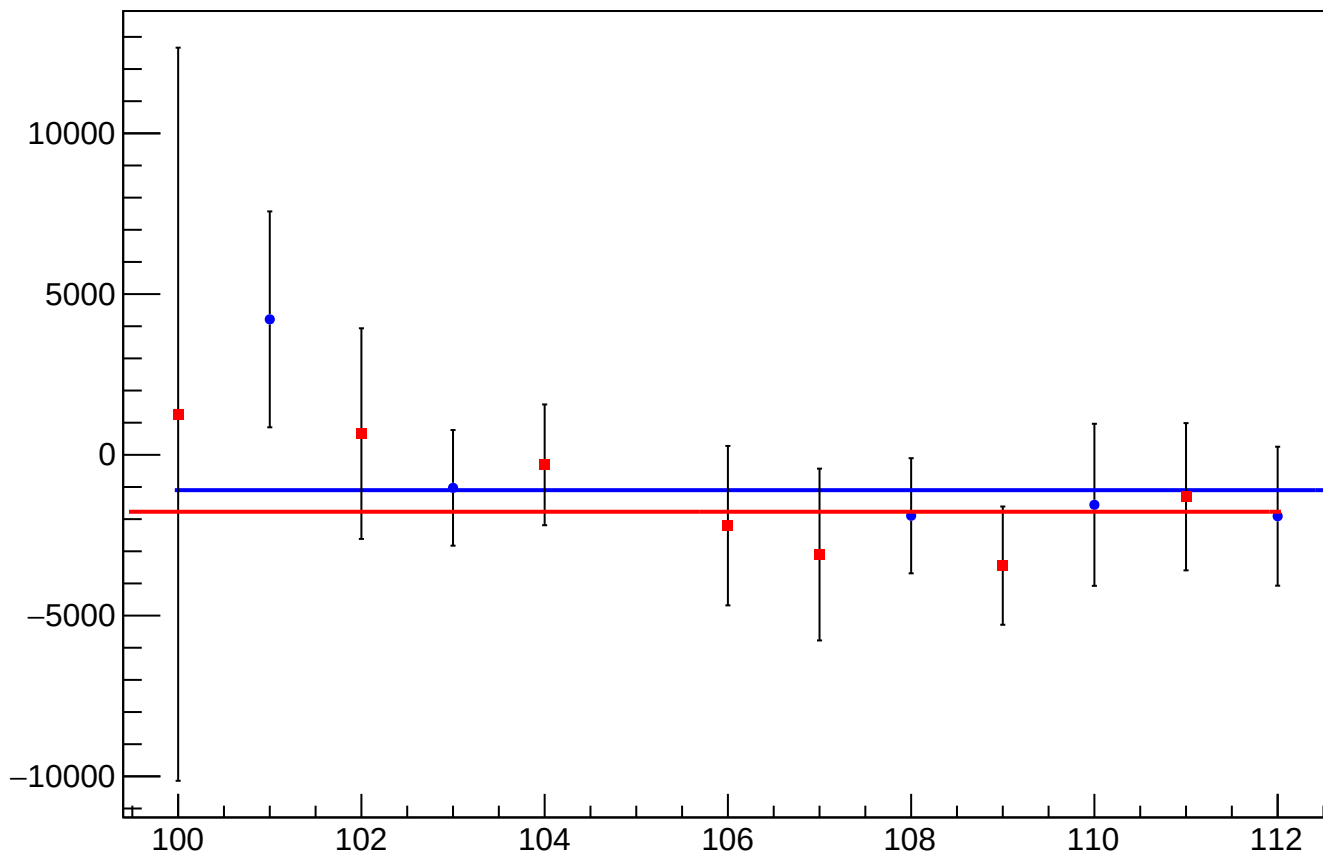
Right: 5068.381+/-1.601 χ^2/NDF : 543189.9/11

In: 5841.372+/-2.645 χ^2/NDF : 127241.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5068.381+/-1.601 χ^2/NDF : 543189.9/11

eigen_dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1098.656+/-961.655 χ^2/NDF : 2.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1769.913+/-923.160 χ^2/NDF : 2.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

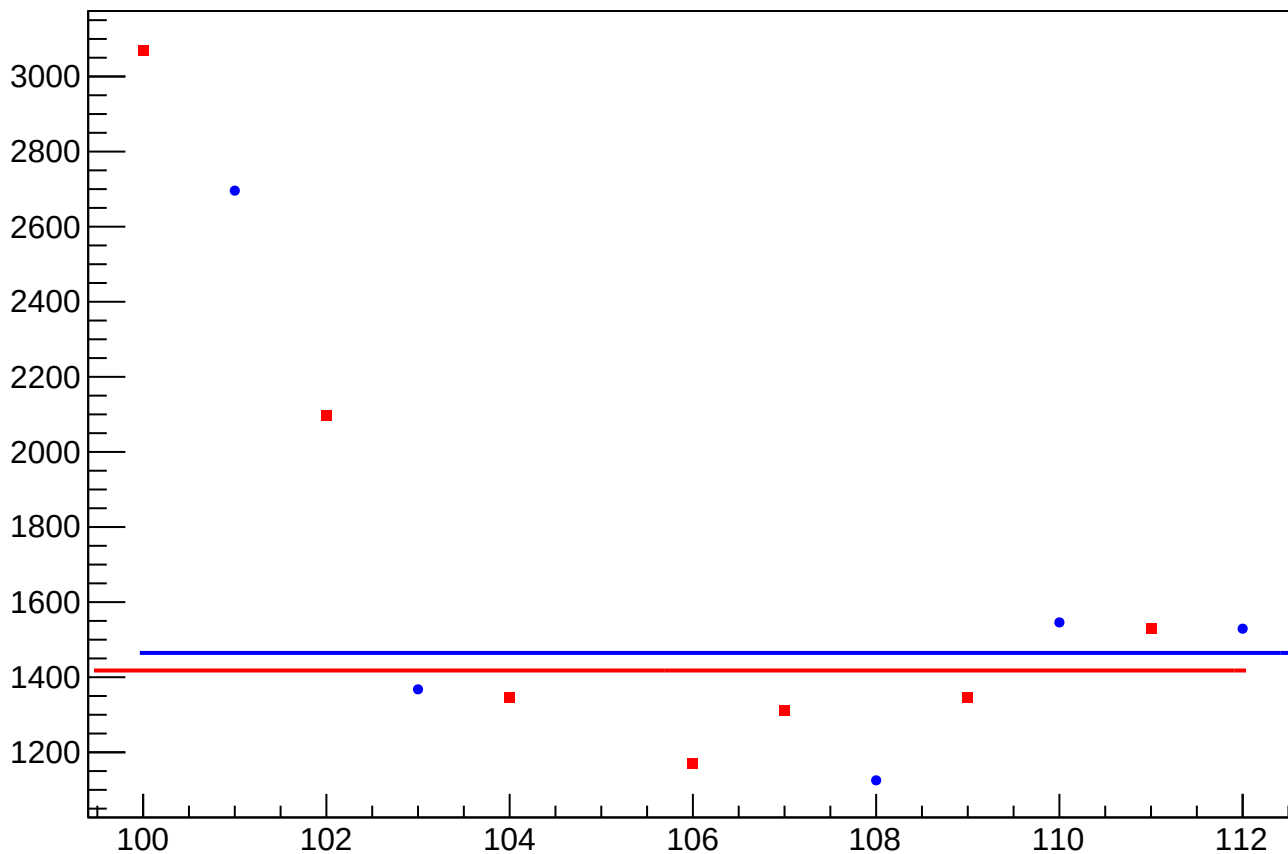
Right: -1447.988+/-665.966 χ^2/NDF : 5.5/11

In: -1098.656+/-961.655 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1447.988+/-665.966 χ^2/NDF : 5.5/11

eigen_dit_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1464.701+/-0.680 χ^2/NDF : 350437.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1417.890+/-0.652 χ^2/NDF : 161907.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

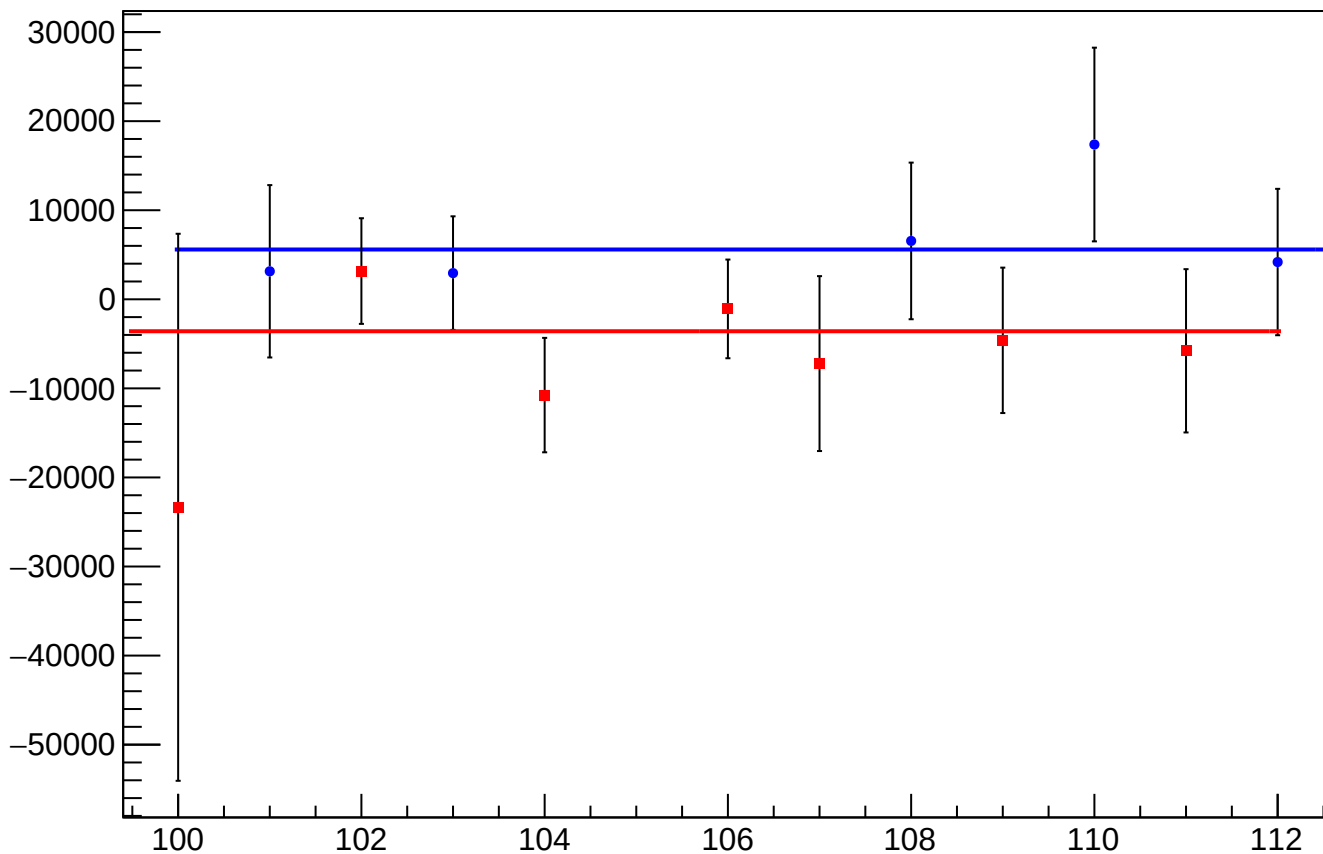
Right: 1440.323+/-0.471 χ^2/NDF : 514813.1/11

In: 1464.701+/-0.680 χ^2/NDF : 350437.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1440.323+/-0.471 χ^2/NDF : 514813.1/11

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 5590.894+/-3740.236 χ^2/NDF : 1.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3586.449+/-2844.461 χ^2/NDF : 3.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

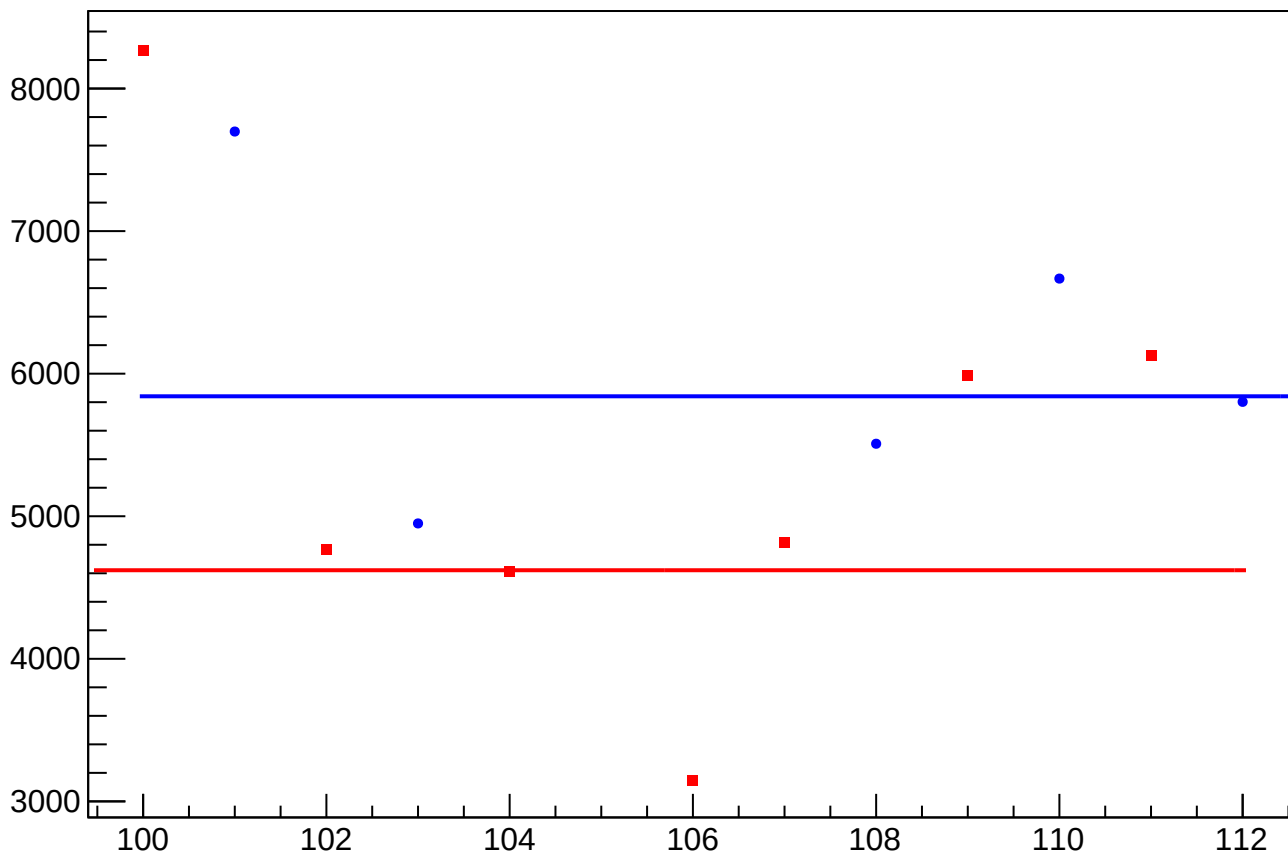
Right: -223.568+/-2264.104 χ^2/NDF : 8.6/11

In: 5590.894+/-3740.236 χ^2/NDF : 1.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -223.568+/-2264.104 χ^2/NDF : 8.6/11

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5841.367+/-2.645 χ^2/NDF : 127240.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4621.303+/-2.011 χ^2/NDF : 281120.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

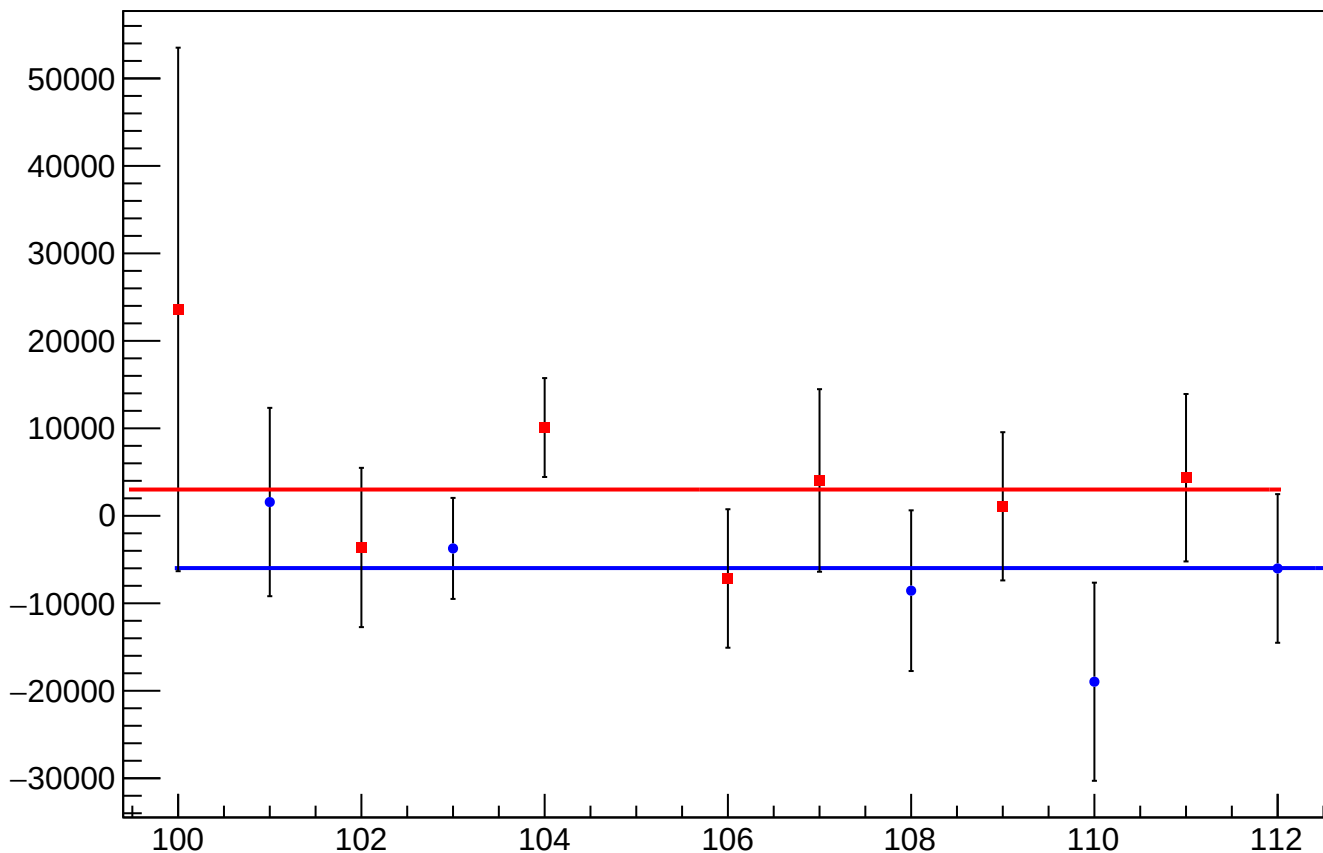
Right: 5068.375+/-1.601 χ^2/NDF : 543191.8/11

In: 5841.367+/-2.645 χ^2/NDF : 127240.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5068.375+/-1.601 χ^2/NDF : 543191.8/11

asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -5973.299+/-3723.318 χ^2/NDF : 2.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3005.944+/-3253.507 χ^2/NDF : 4.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

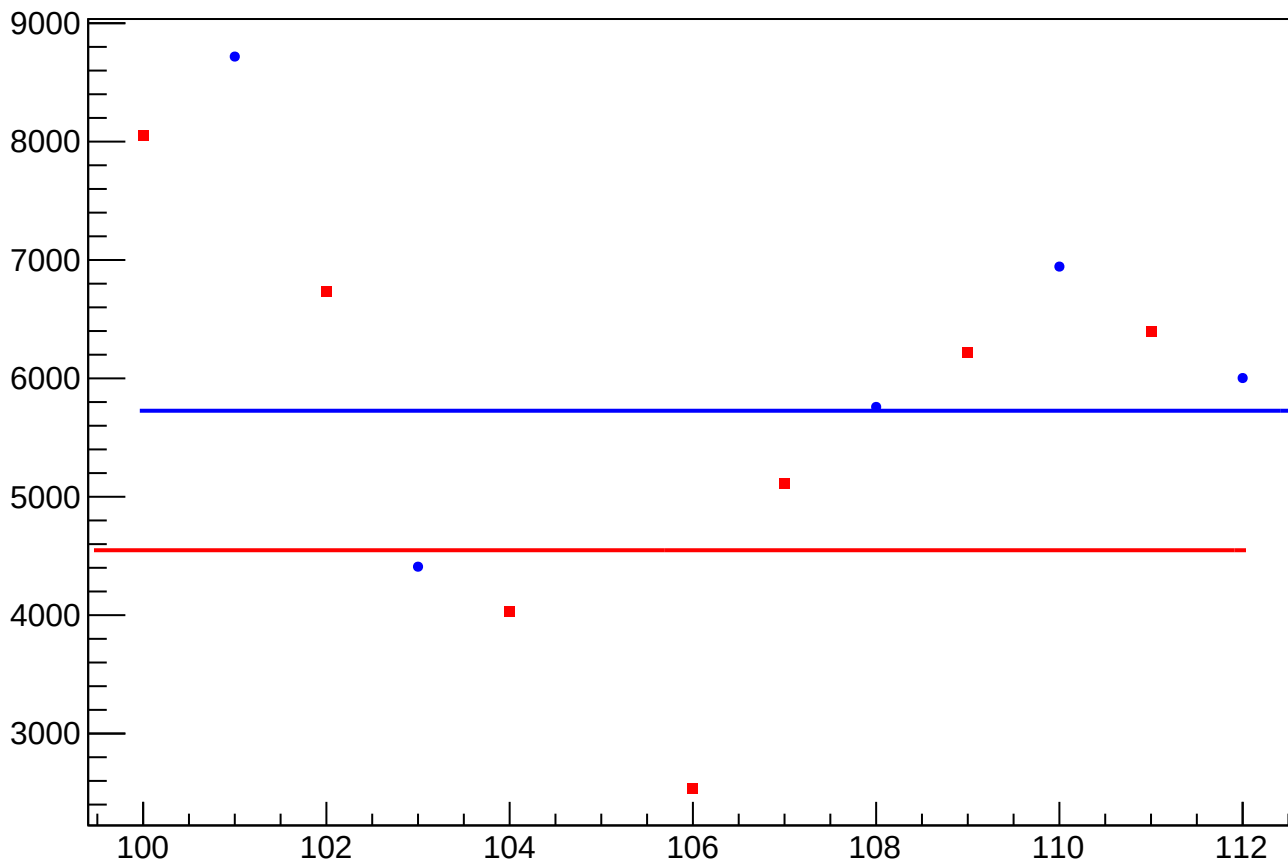
Right: -881.755+/-2449.946 χ^2/NDF : 9.6/11

In: -5973.299+/-3723.318 χ^2/NDF : 2.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -881.755+/-2449.946 χ^2/NDF : 9.6/11

asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 5726.678+/-2.633 χ^2/NDF : 283820.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4548.384+/-2.134 χ^2/NDF : 569494.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

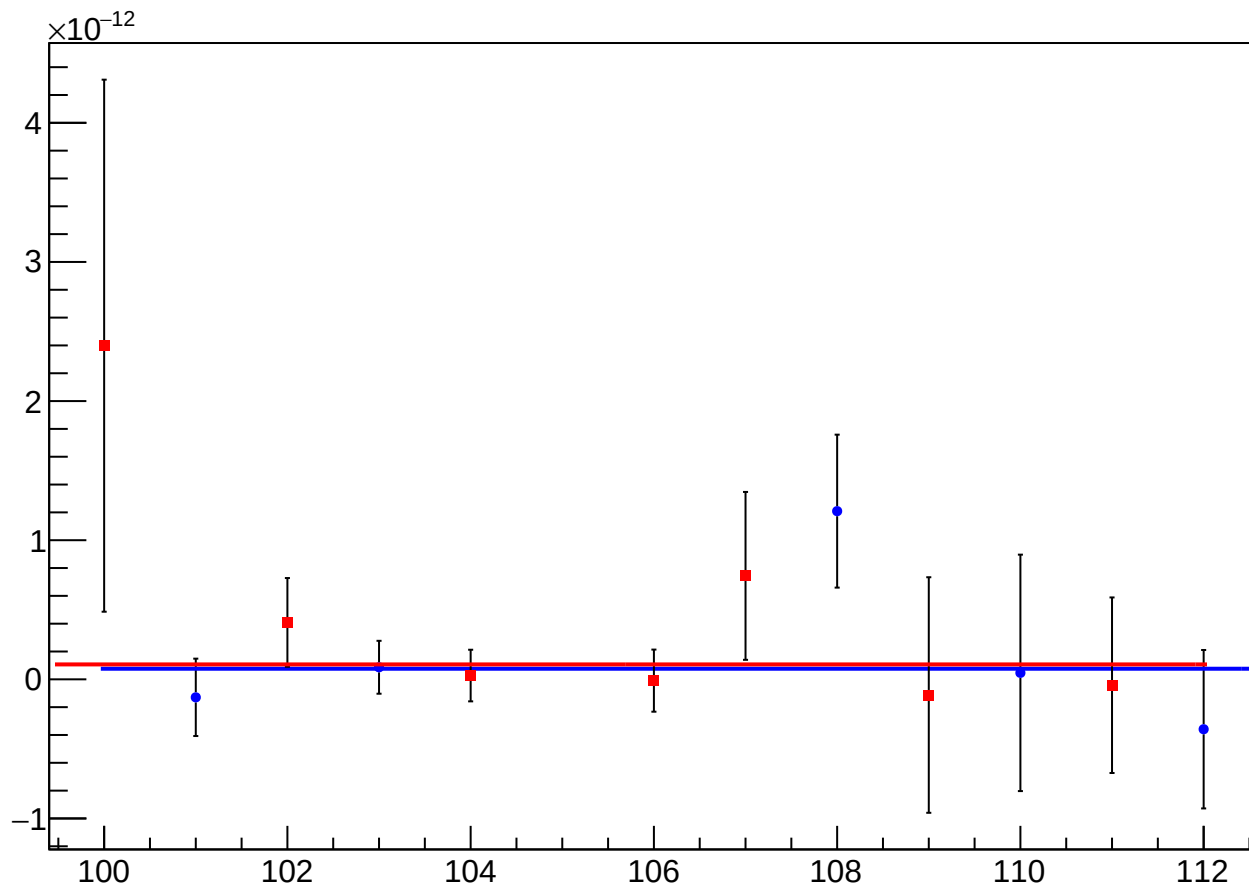
Right: 5015.707+/-1.658 χ^2/NDF : 974176.6/11

In: 5726.678+/-2.633 χ^2/NDF : 283820.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5015.707+/-1.658 χ^2/NDF : 974176.6/11

asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

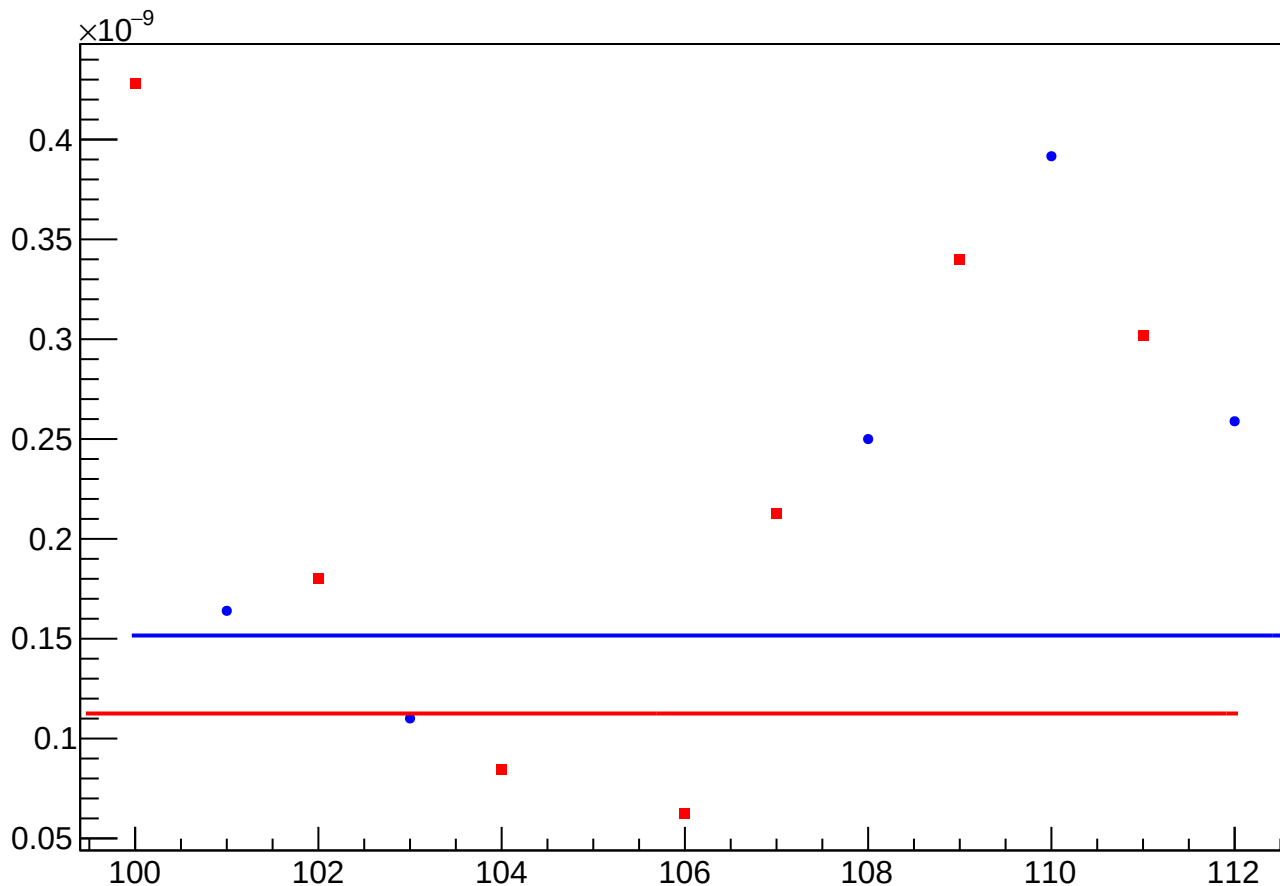
Right: 0.000+/-0.000 χ^2/NDF : 9.4/11

In: 0.000+/-0.000 χ^2/NDF : 5.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.4/11

asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 394047.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 671407.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

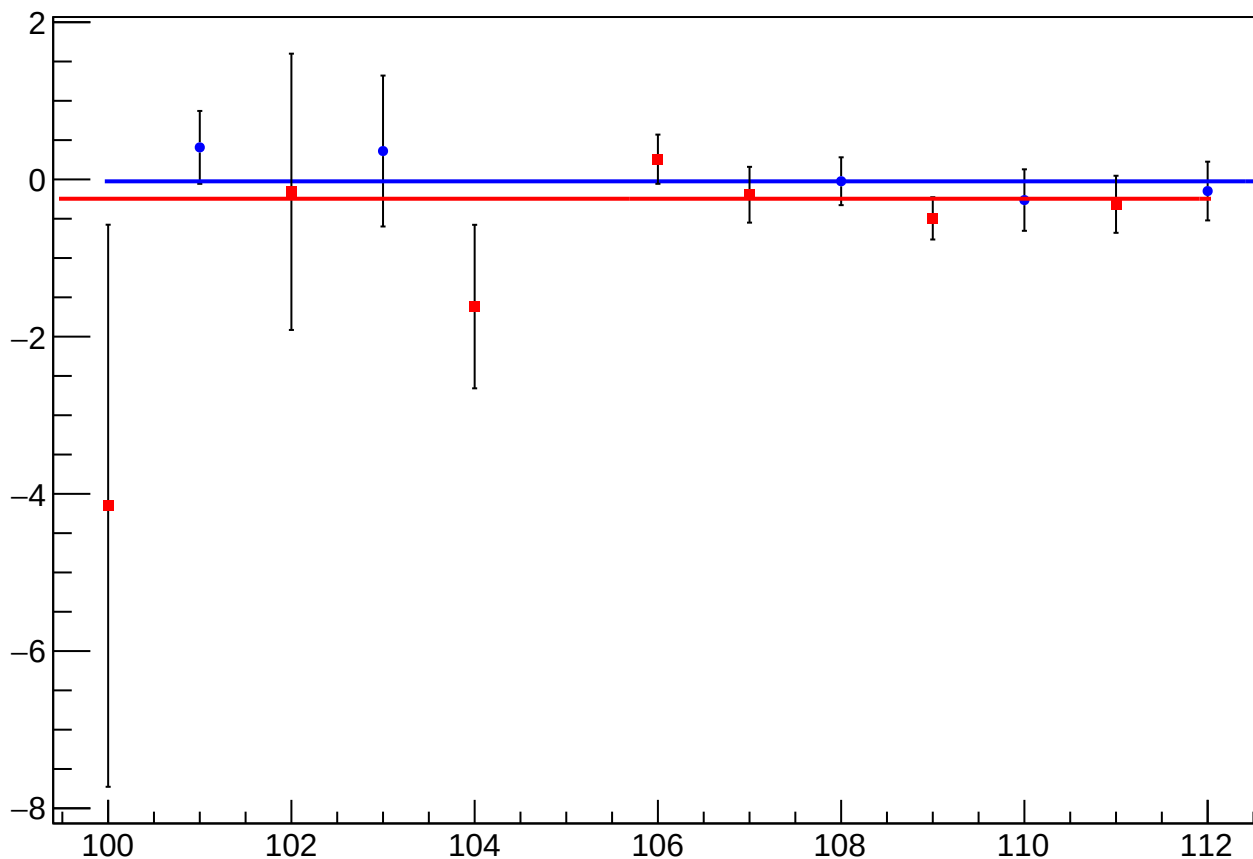
Right: 0.000+/-0.000 χ^2/NDF : 1150582.7/11

In: 0.000+/-0.000 χ^2/NDF : 394047.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1150582.7/11

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024 ± 0.182 χ^2/NDF : 1.5/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.246 ± 0.156 χ^2/NDF : 6.4/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

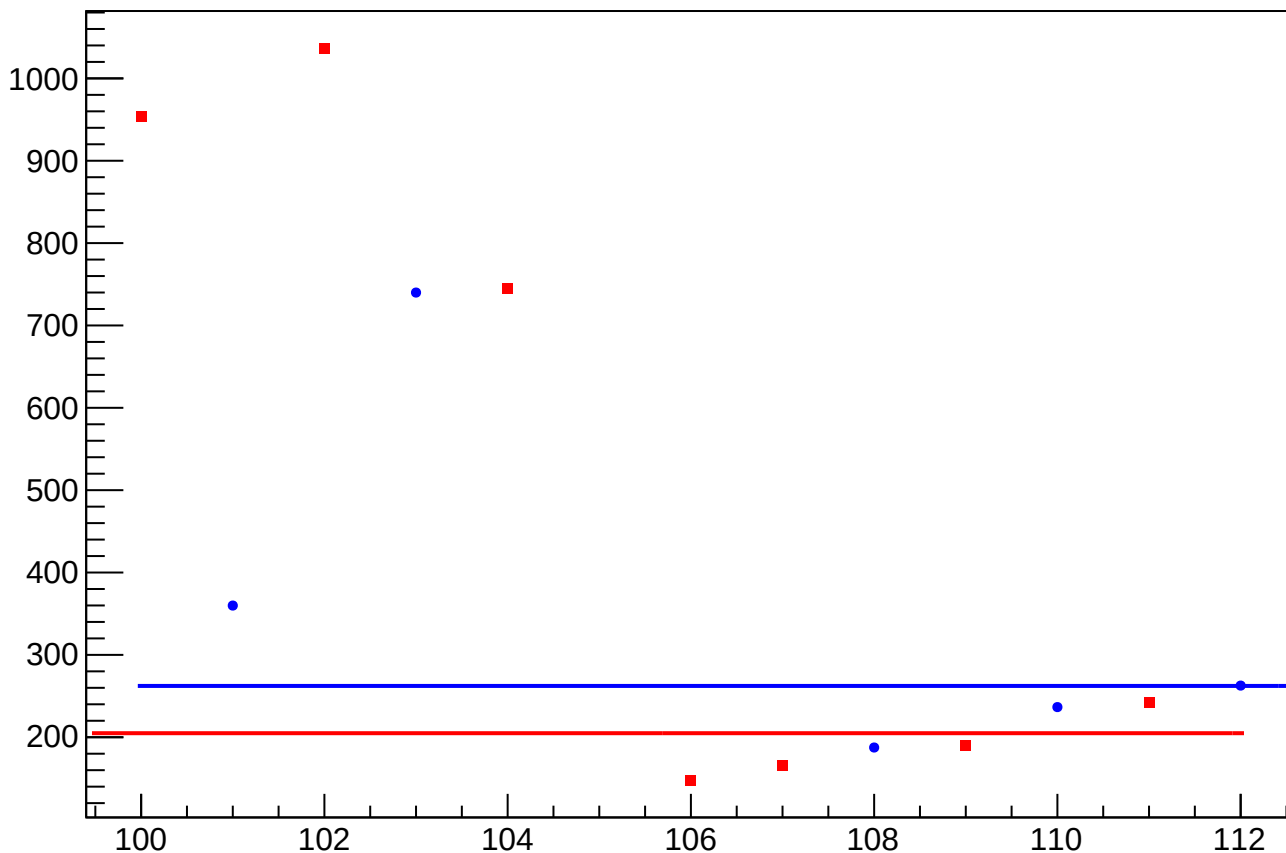
Right: -0.152 ± 0.119 χ^2/NDF : 8.8/11

In: -0.024 ± 0.182 χ^2/NDF : 1.5/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.152 ± 0.119 χ^2/NDF : 8.8/11

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 262.299+/-0.129 χ^2/NDF : 713339.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 204.904+/-0.111 χ^2/NDF : 1192345.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

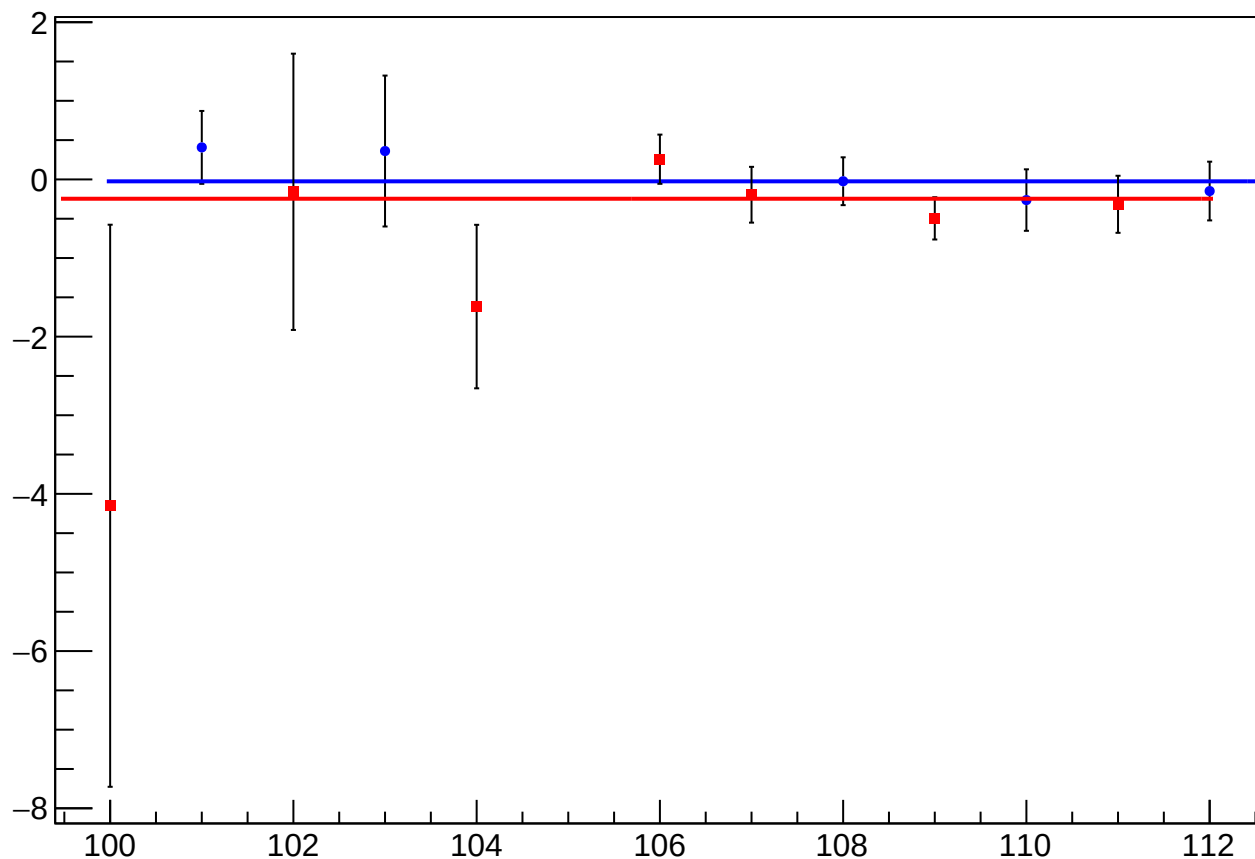
Right: 229.303+/-0.084 χ^2/NDF : 2020223.5/11

In: 262.299+/-0.129 χ^2/NDF : 713339.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 229.303+/-0.084 χ^2/NDF : 2020223.5/11

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024 ± 0.182 χ^2/NDF : 1.5/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.246 ± 0.156 χ^2/NDF : 6.4/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

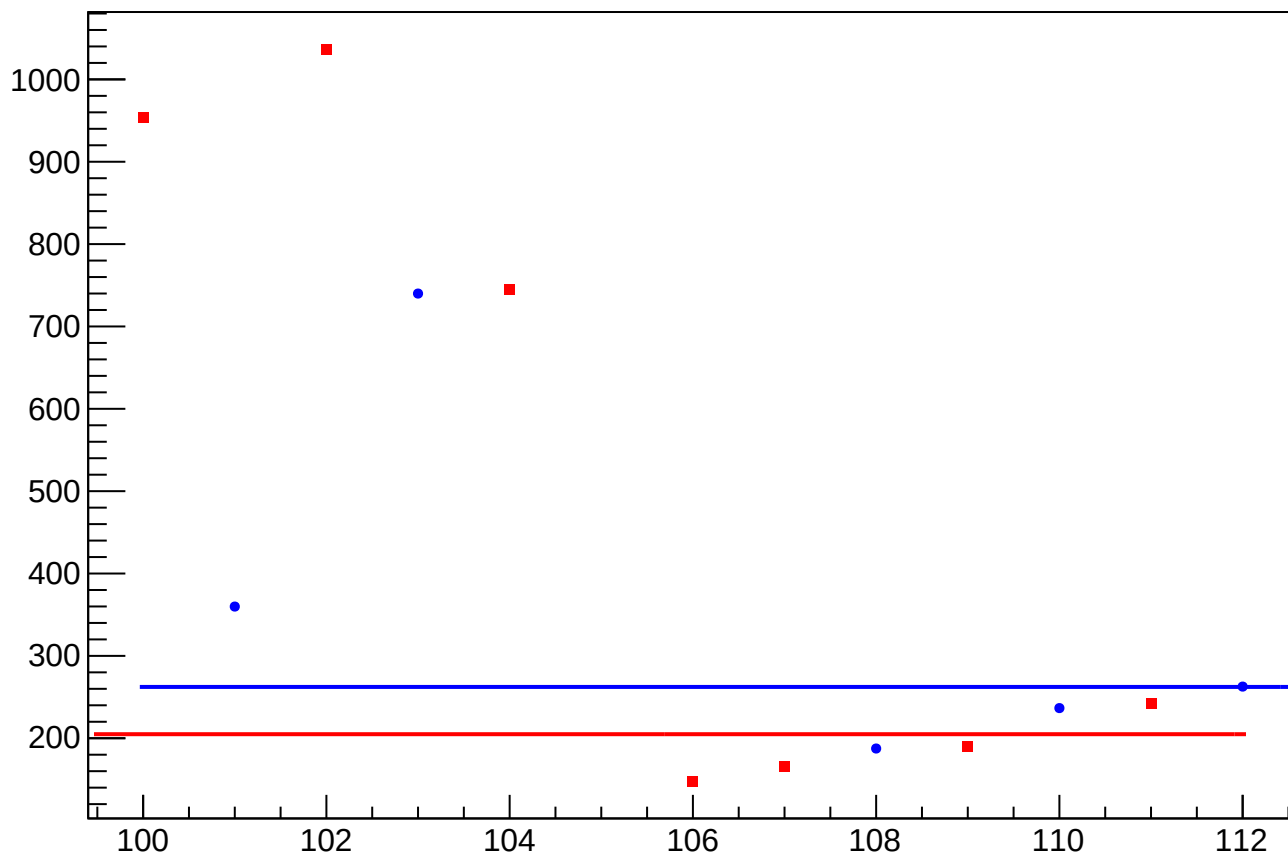
Right: -0.152 ± 0.119 χ^2/NDF : 8.8/11

In: -0.024 ± 0.182 χ^2/NDF : 1.5/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.152 ± 0.119 χ^2/NDF : 8.8/11

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 262.299+/-0.129 χ^2/NDF : 713339.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 204.904+/-0.111 χ^2/NDF : 1192345.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

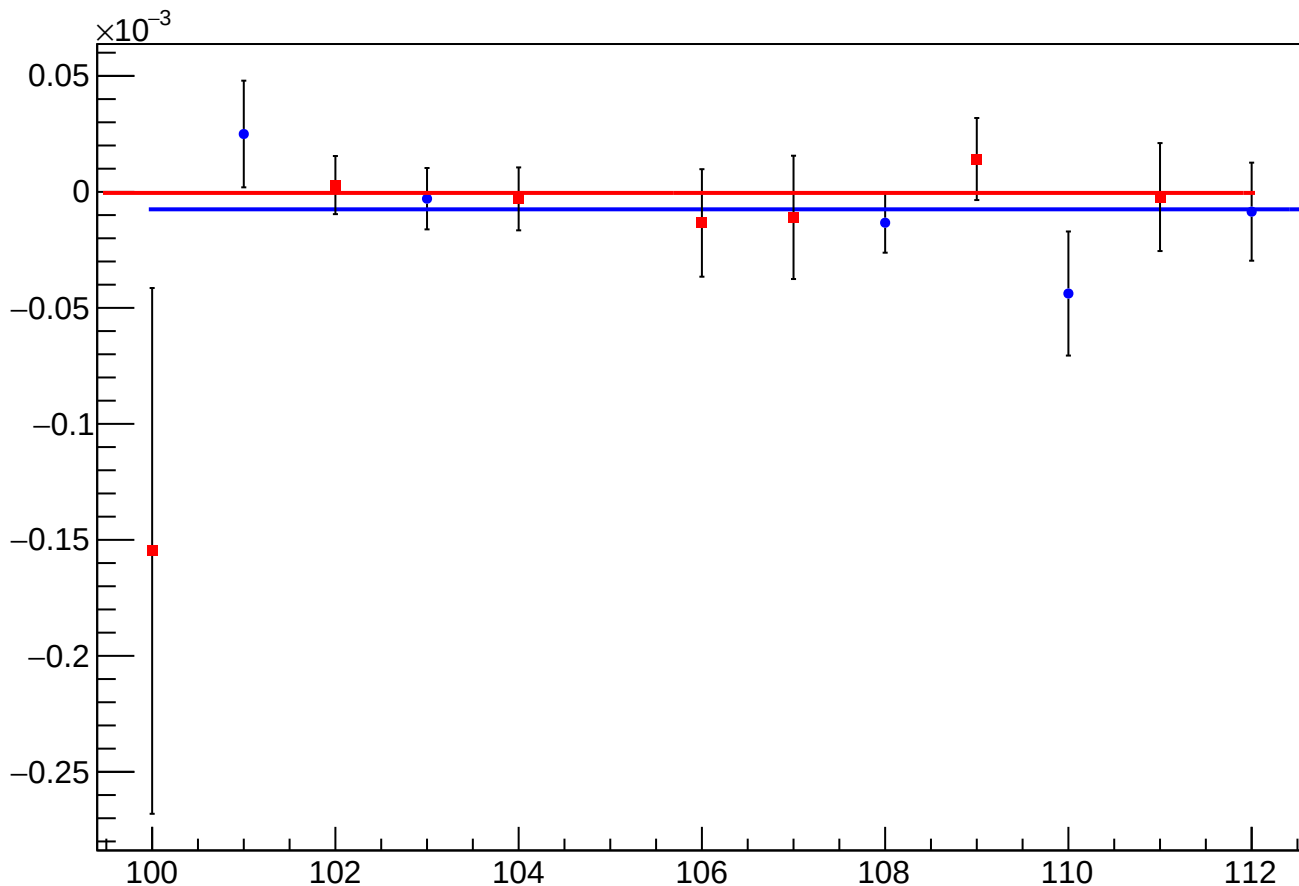
Right: 229.303+/-0.084 χ^2/NDF : 2020223.5/11

In: 262.299+/-0.129 χ^2/NDF : 713339.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 229.303+/-0.084 χ^2/NDF : 2020223.5/11

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 : 4.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

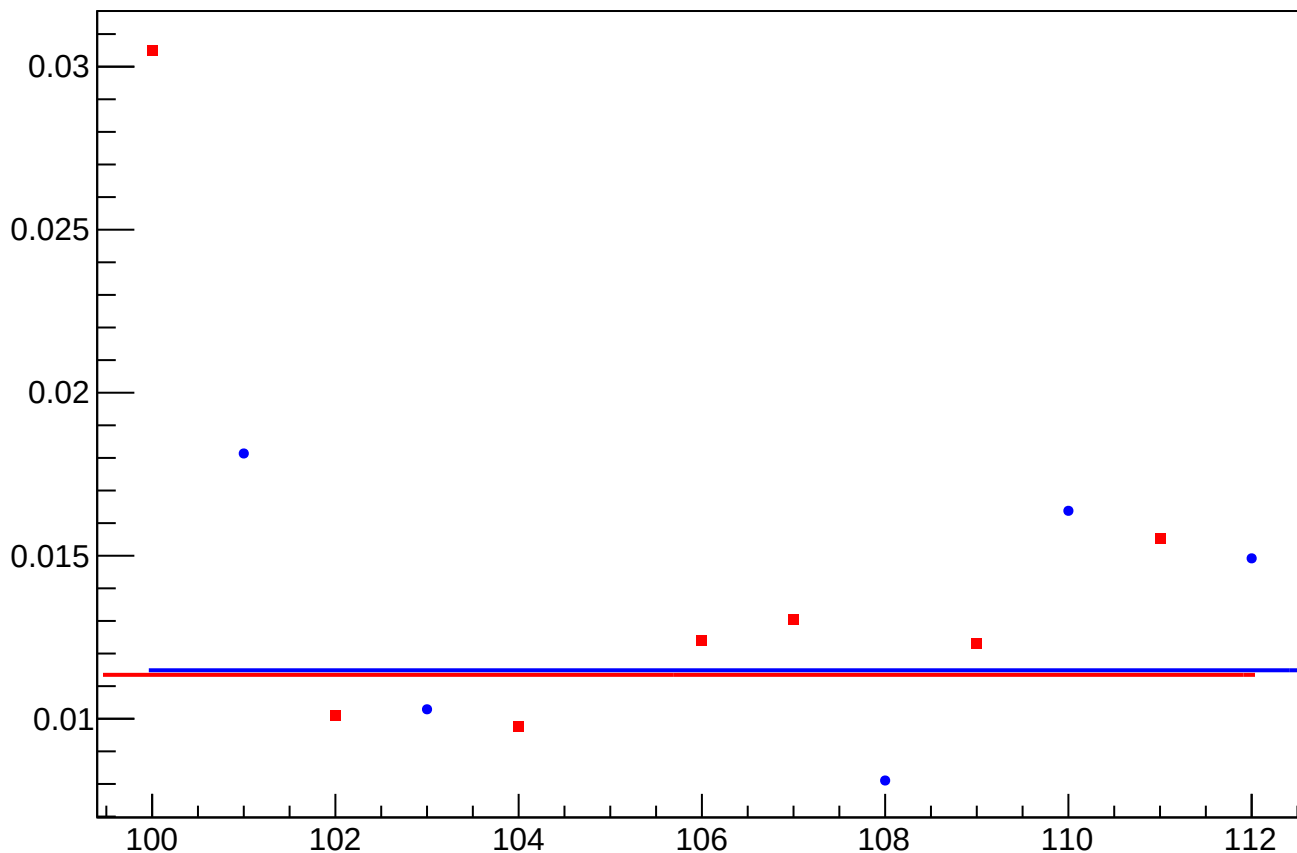
Right: -0.000+/-0.000 χ^2/NDF : 7.7/11

In: -0.000+/-0.000 χ^2/NDF : 4.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.7/11

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 440399.7/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 188037.4/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

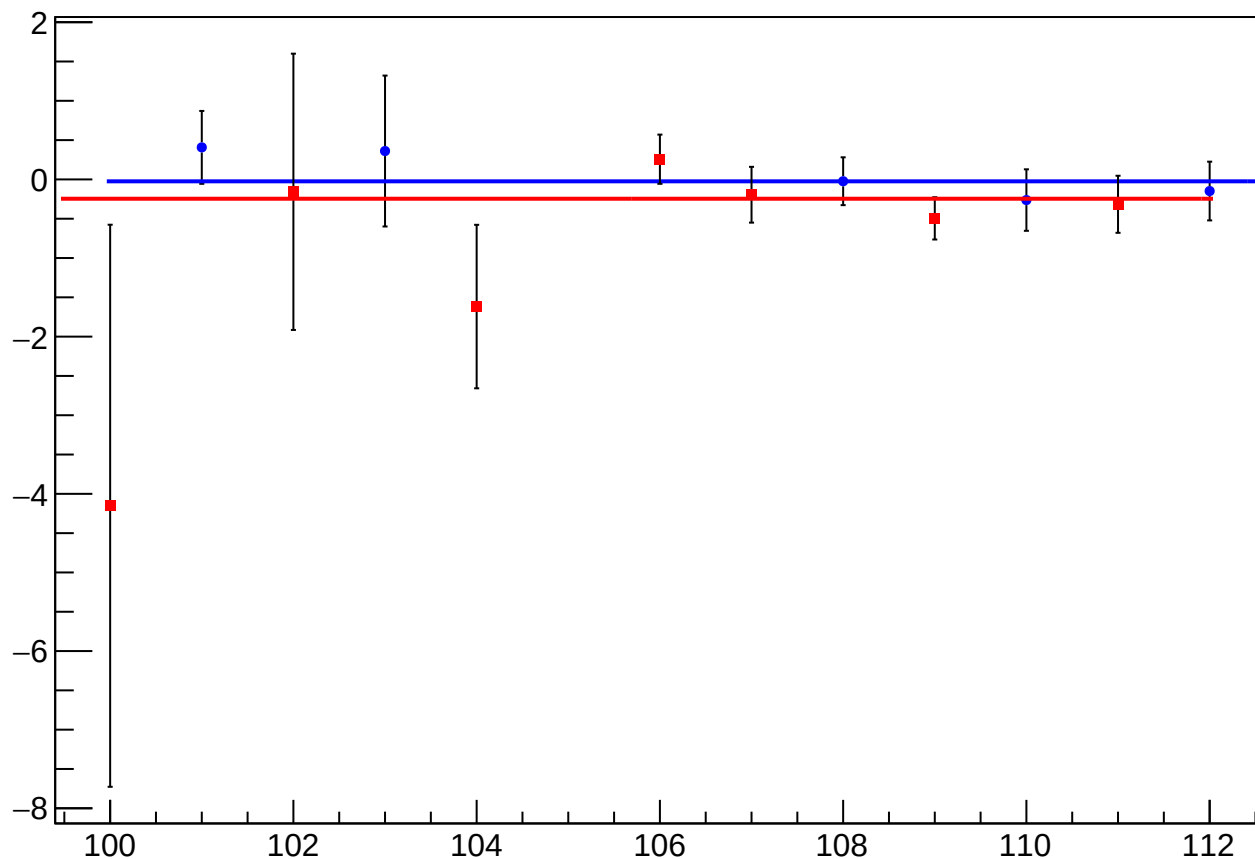
Right: 0.011+/-0.000 χ^2/NDF : 628801.1/11

In: 0.011+/-0.000 χ^2/NDF :440399.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 628801.1/11

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024 ± 0.182 χ^2/NDF : 1.5/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.246 ± 0.156 χ^2/NDF : 6.4/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

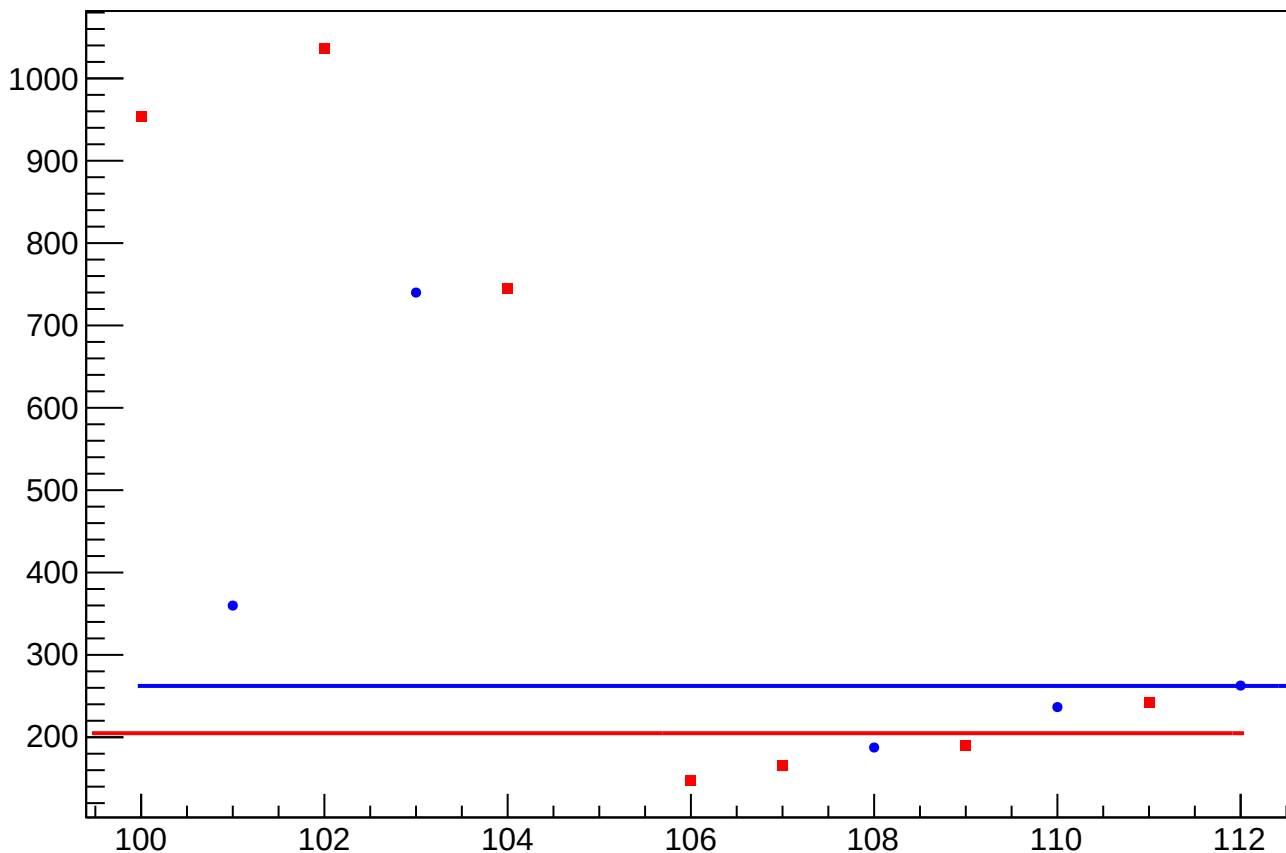
Right: -0.152 ± 0.119 χ^2/NDF : 8.8/11

In: -0.024 ± 0.182 χ^2/NDF : 1.5/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.152 ± 0.119 χ^2/NDF : 8.8/11

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 262.303+/-0.129 χ^2/NDF : 713317.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 204.905+/-0.111 χ^2/NDF : 1192358.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

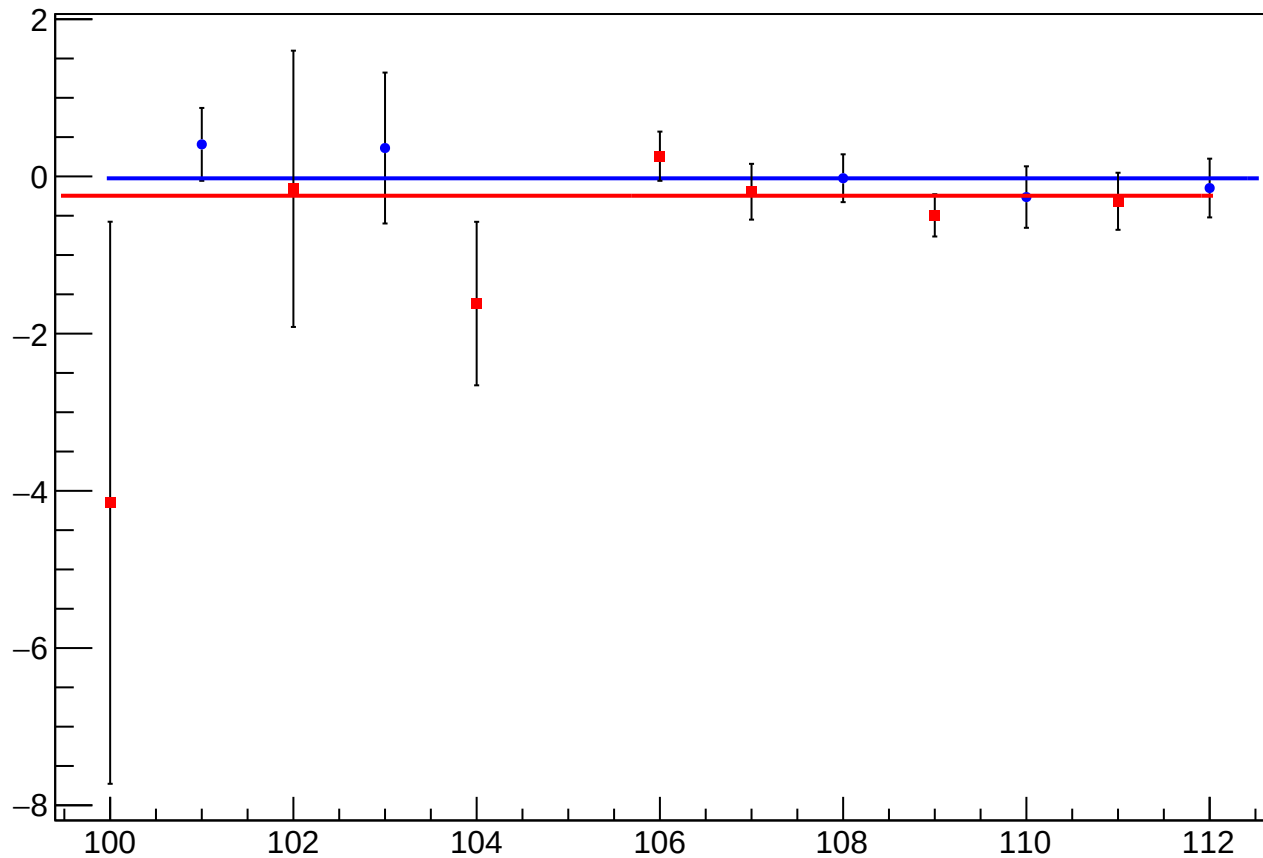
Right: 229.305+/-0.084 χ^2/NDF : 2020223.5/11

In: 262.303+/-0.129 χ^2/NDF : 713317.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 229.305+/-0.084 χ^2/NDF : 2020223.5/11

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024 ± 0.182 χ^2/NDF : 1.5/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.246 ± 0.156 χ^2/NDF : 6.4/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

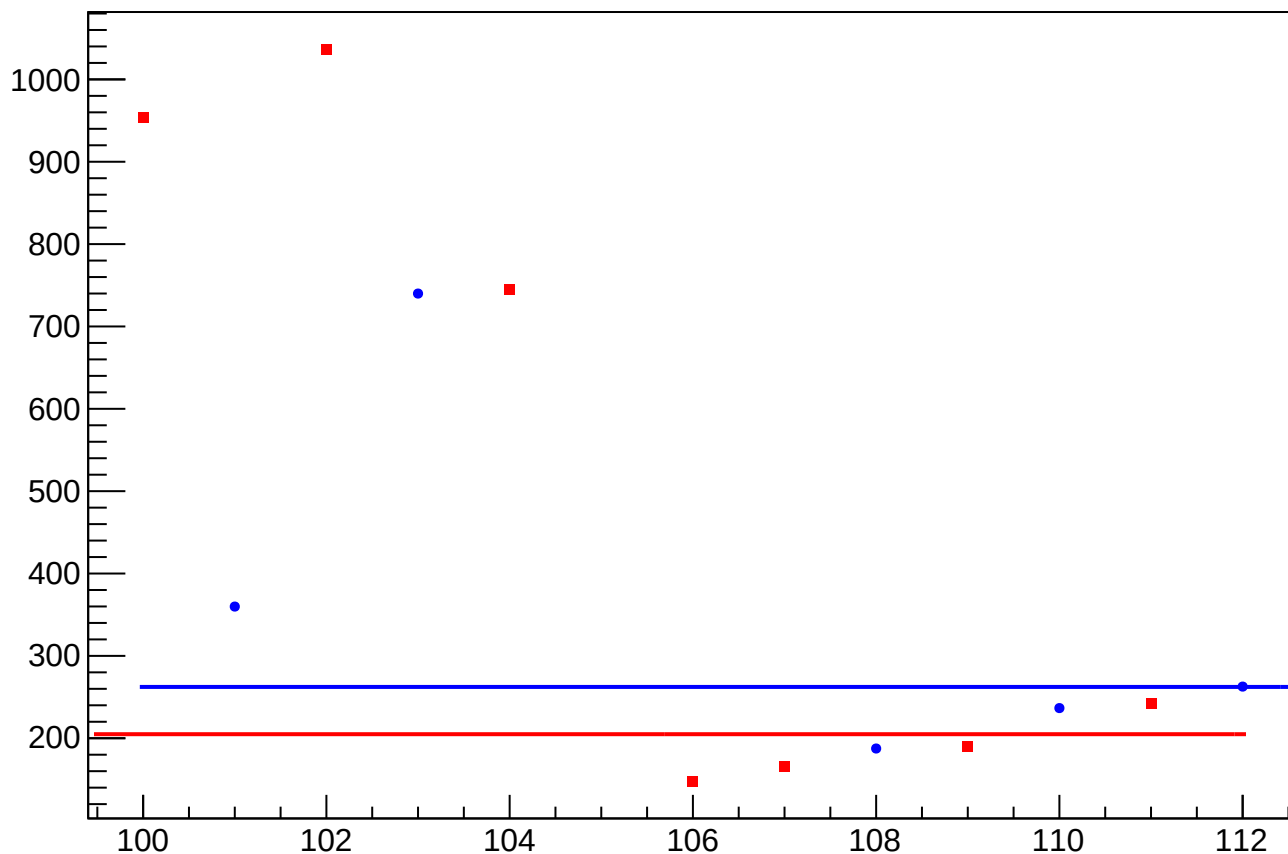
Right: -0.152 ± 0.119 χ^2/NDF : 8.8/11

In: -0.024 ± 0.182 χ^2/NDF : 1.5/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.152 ± 0.119 χ^2/NDF : 8.8/11

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 262.303 ± 0.129 χ^2/NDF : 713317.1/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 204.905 ± 0.111 χ^2/NDF : 1192358.8/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

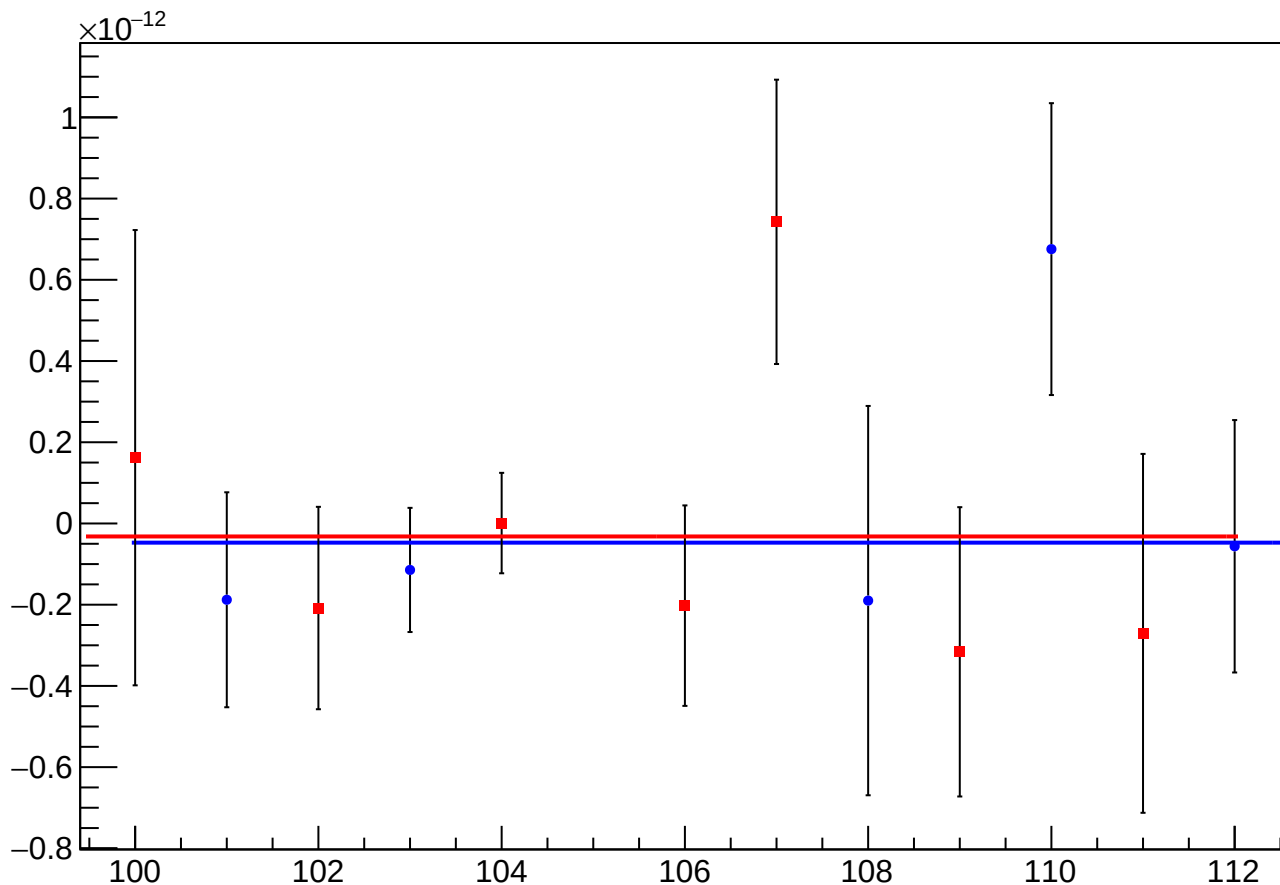
Right: 229.305 ± 0.084 χ^2/NDF : 2020223.5/11

In: 262.303 ± 0.129 χ^2/NDF : 713317.1/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 229.305 ± 0.084 χ^2/NDF : 2020223.5/11

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 : 4.6/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 7.0/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

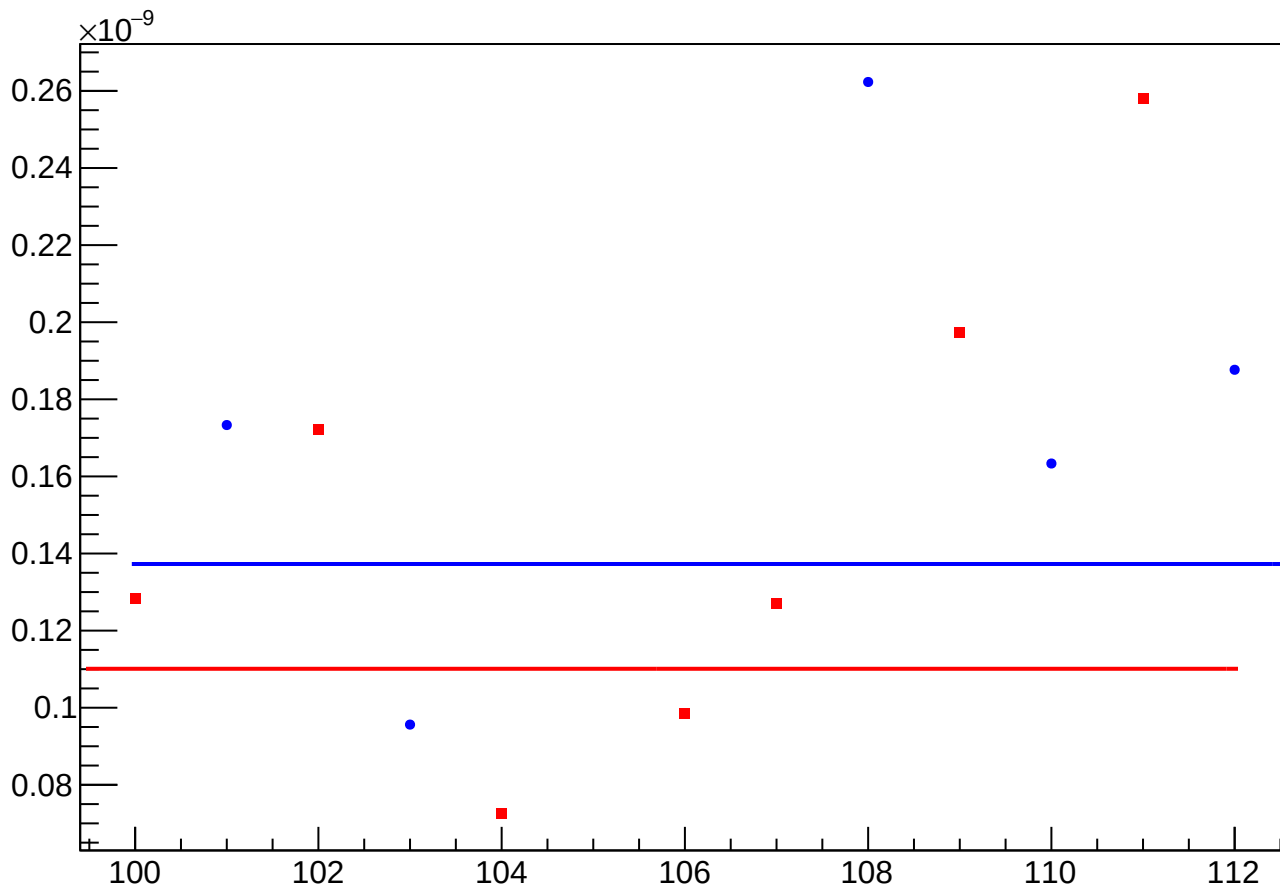
Right: -0.000 ± 0.000 χ^2/NDF : 11.6/11

In: -0.000 ± 0.000 χ^2/NDF : 4.6/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 11.6/11

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 : 384786.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 663859.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

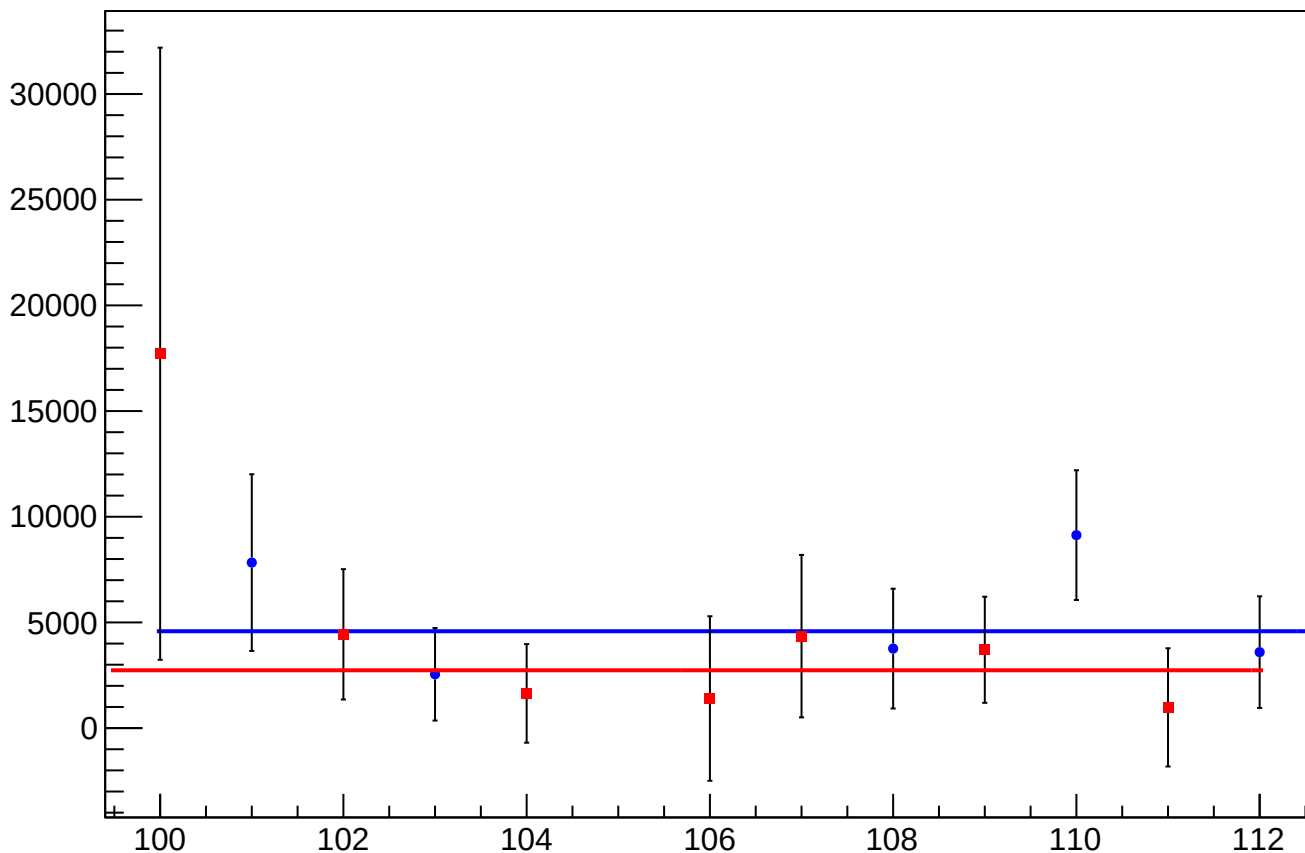
Right: 0.000+/-0.000 χ^2/NDF : 1119824.8/11

In: 0.000+/-0.000 χ^2/NDF : 384786.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1119824.8/11

reg_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4583.196+/-1250.154 χ^2/NDF : 3.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2735.920+/-1183.415 χ^2/NDF : 2.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

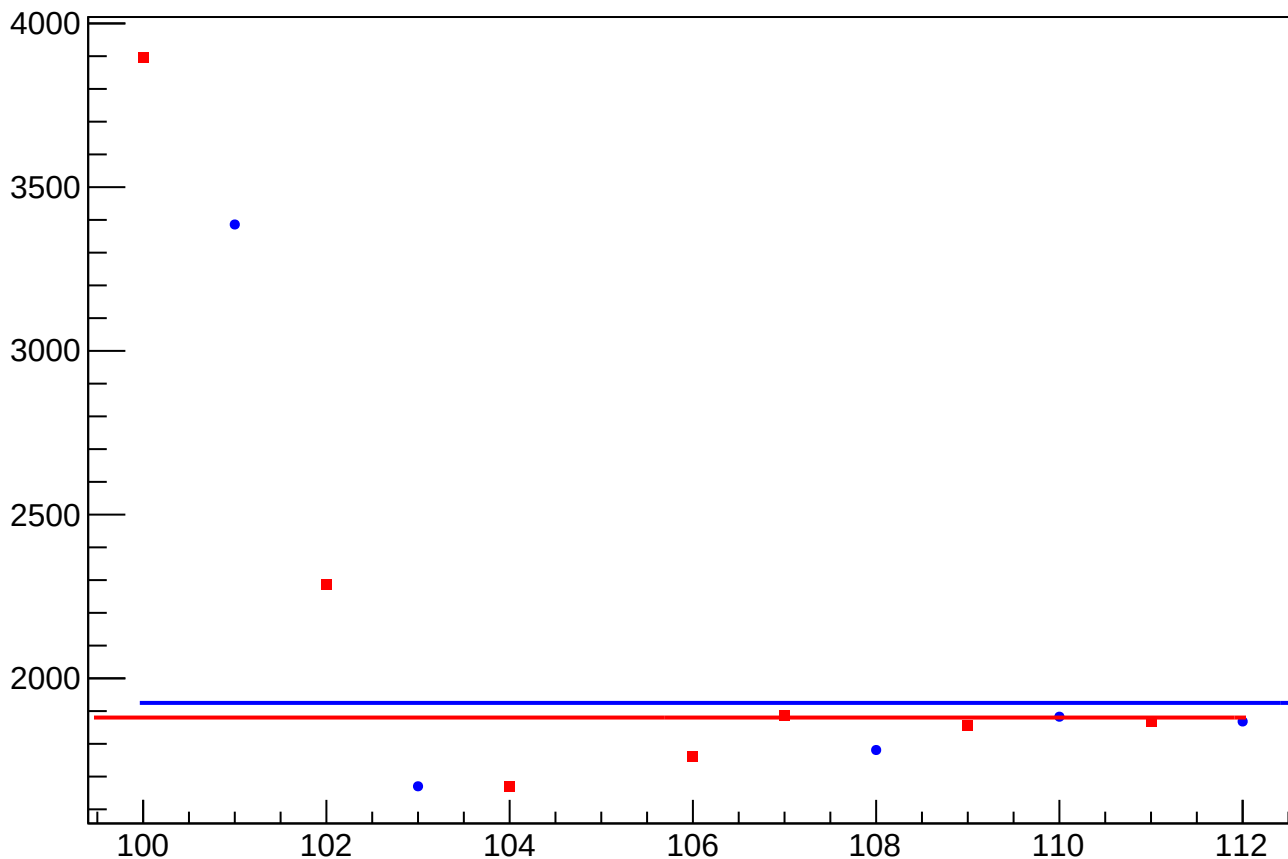
Right: 3608.936+/-859.426 χ^2/NDF : 7.5/11

In: 4583.196+/-1250.154 χ^2/NDF : 3.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3608.936+/-859.426 χ^2/NDF : 7.5/11

reg_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1924.994+/-0.884 χ^2/NDF : 277798.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1880.281+/-0.830 χ^2/NDF : 92102.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

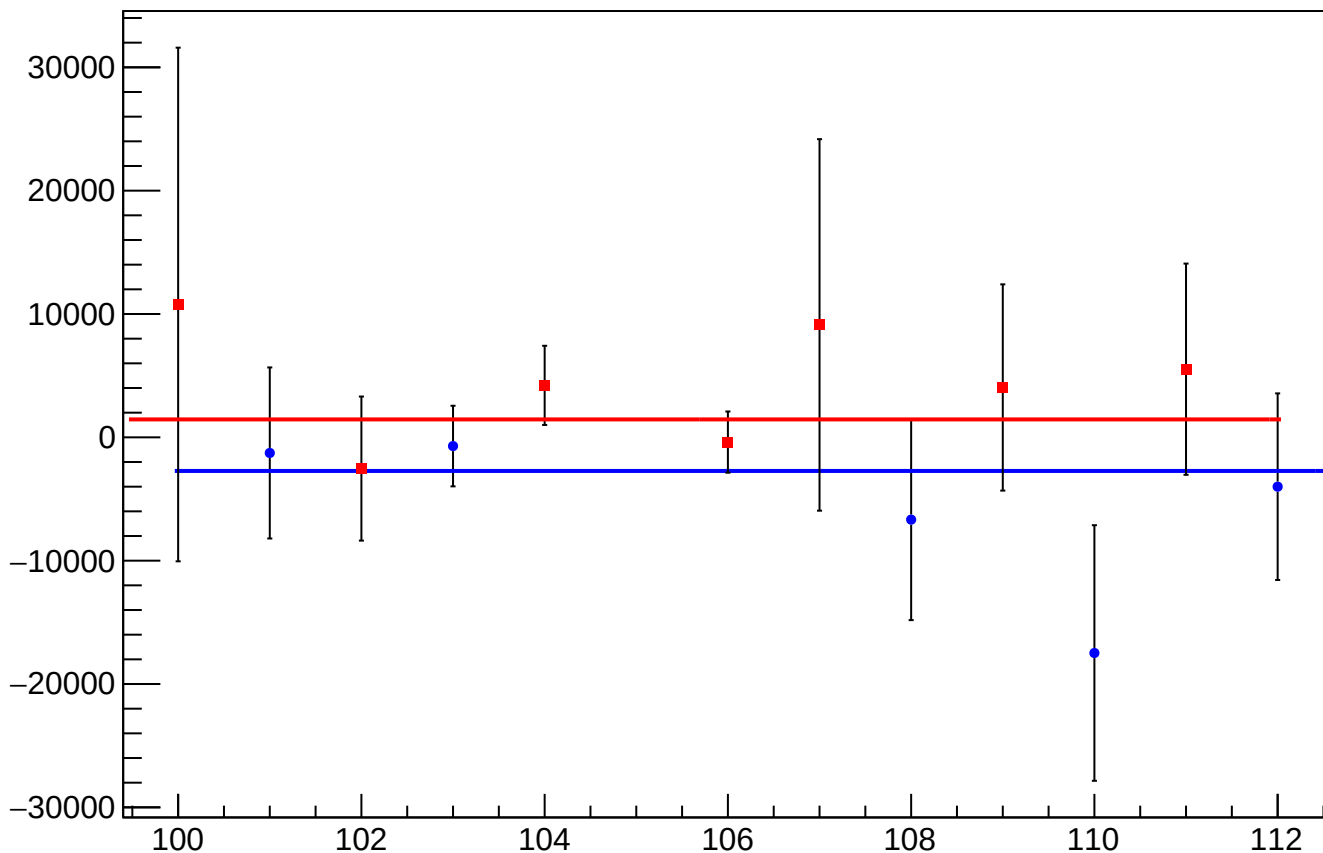
Right: 1901.218+/-0.605 χ^2/NDF : 371260.9/11

In: 1924.994+/-0.884 χ^2/NDF : 277798.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1901.218+/-0.605 χ^2/NDF : 371260.9/11

asym_us_avg_atlr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -2724.544+/-2529.337 χ^2/NDF : 2.7/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1454.087+/-1758.293 χ^2/NDF : 2.5/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

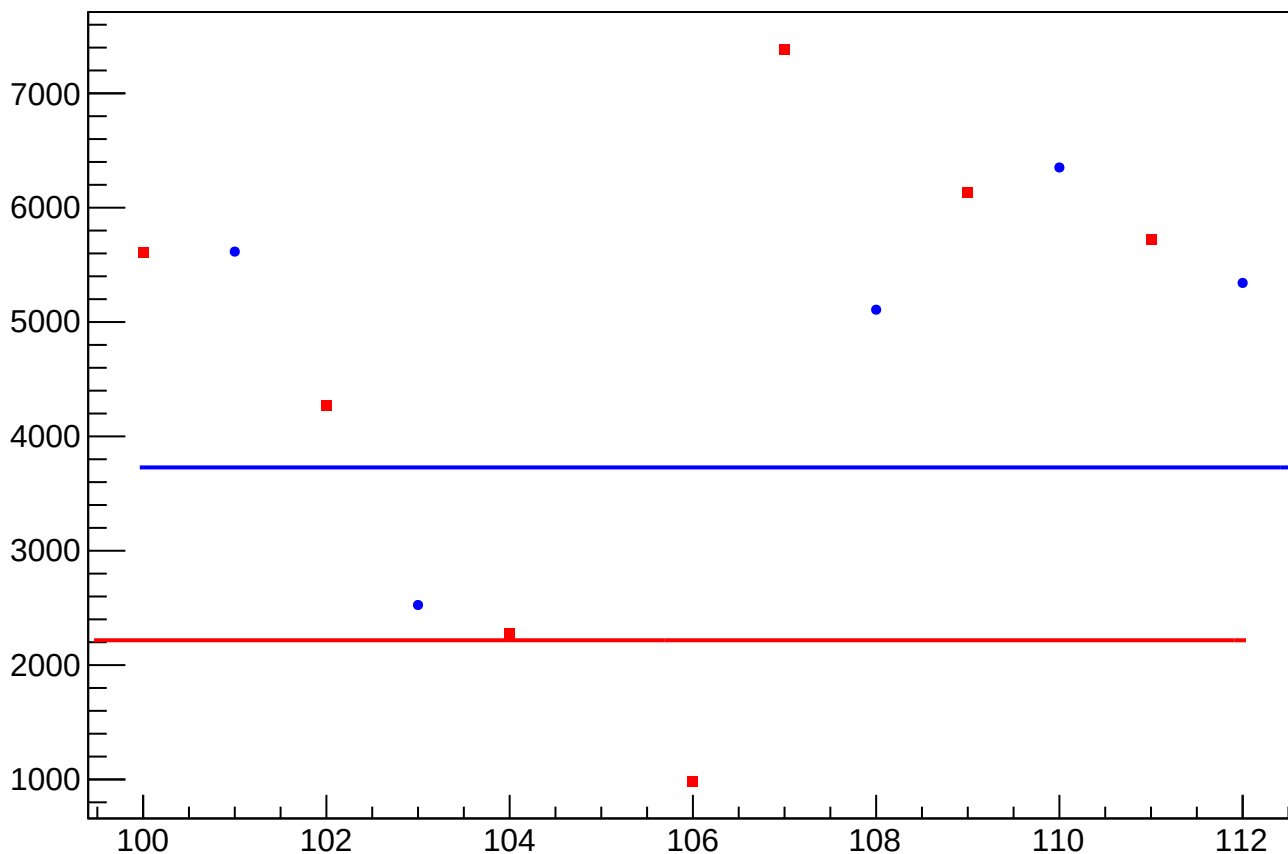
Right: 92.675+/-1443.725 χ^2/NDF : 7.1/11

In: -2724.544+/-2529.337 χ^2/NDF :2.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 92.675+/-1443.725 χ^2/NDF : 7.1/11

asym_us_avg_atlr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3728.614+/-1.789 χ^2/NDF : 695748.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2217.040+/-1.243 χ^2/NDF : 1805904.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

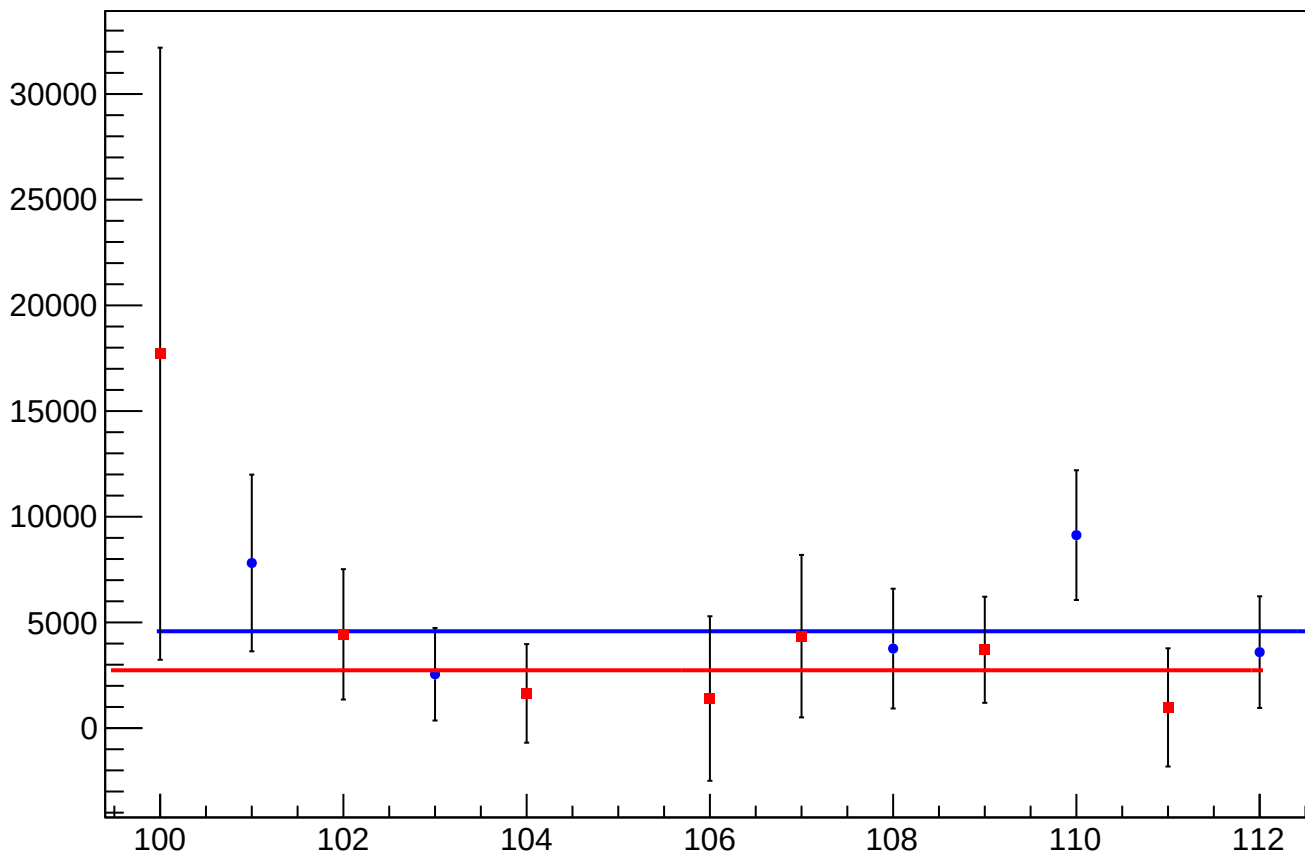
Right: 2709.516+/-1.021 χ^2/NDF : 2983226.0/11

In: 3728.614+/-1.789 χ^2/NDF : 695748.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2709.516+/-1.021 χ^2/NDF : 2983226.0/11

cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4581.719+/-1250.155 χ^2/NDF : 3.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2735.568+/-1183.416 χ^2/NDF : 2.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

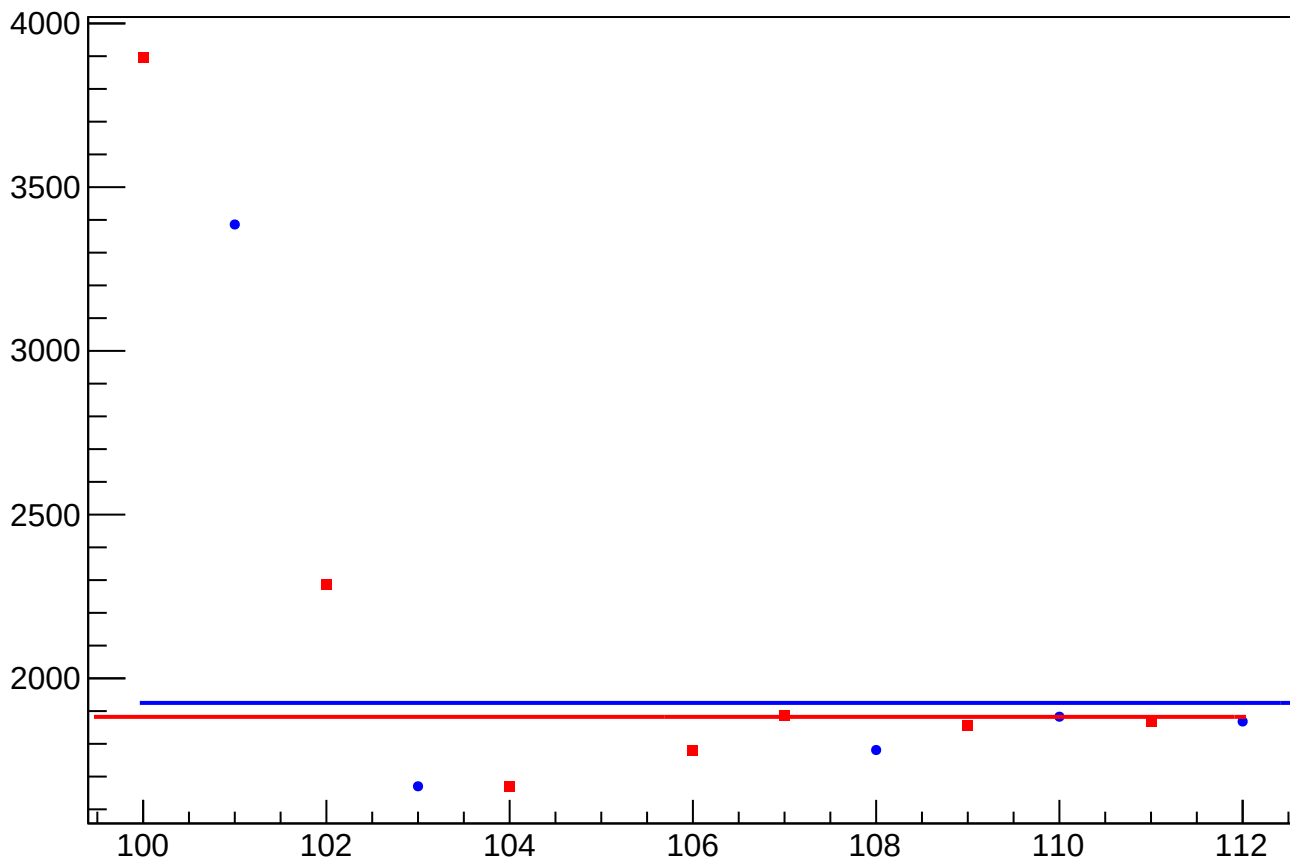
Right: 3608.052+/-859.427 χ^2/NDF : 7.5/11

In: 4581.719+/-1250.155 χ^2/NDF : 3.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3608.052+/-859.427 χ^2/NDF : 7.5/11

cor_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1924.994+/-0.884 χ^2/NDF : 277800.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1882.353+/-0.830 χ^2/NDF : 91468.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

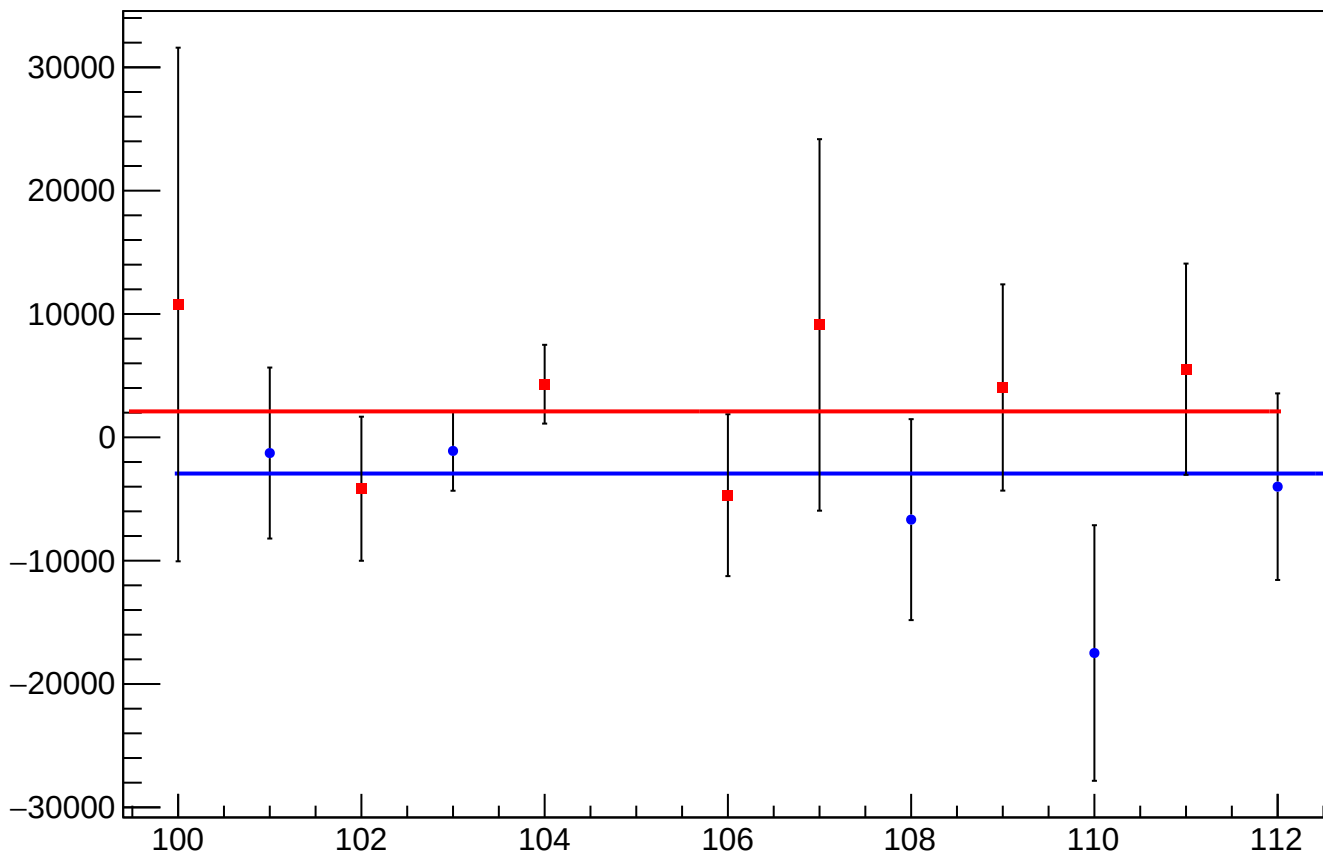
Right: 1902.339+/-0.605 χ^2/NDF : 370504.9/11

In: 1924.994+/-0.884 χ^2/NDF : 277800.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1902.339+/-0.605 χ^2/NDF : 370504.9/11

asym_us_avg_atlr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -2934.985+/-2510.861 χ^2/NDF : 2.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2102.971+/-2323.468 χ^2/NDF : 3.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

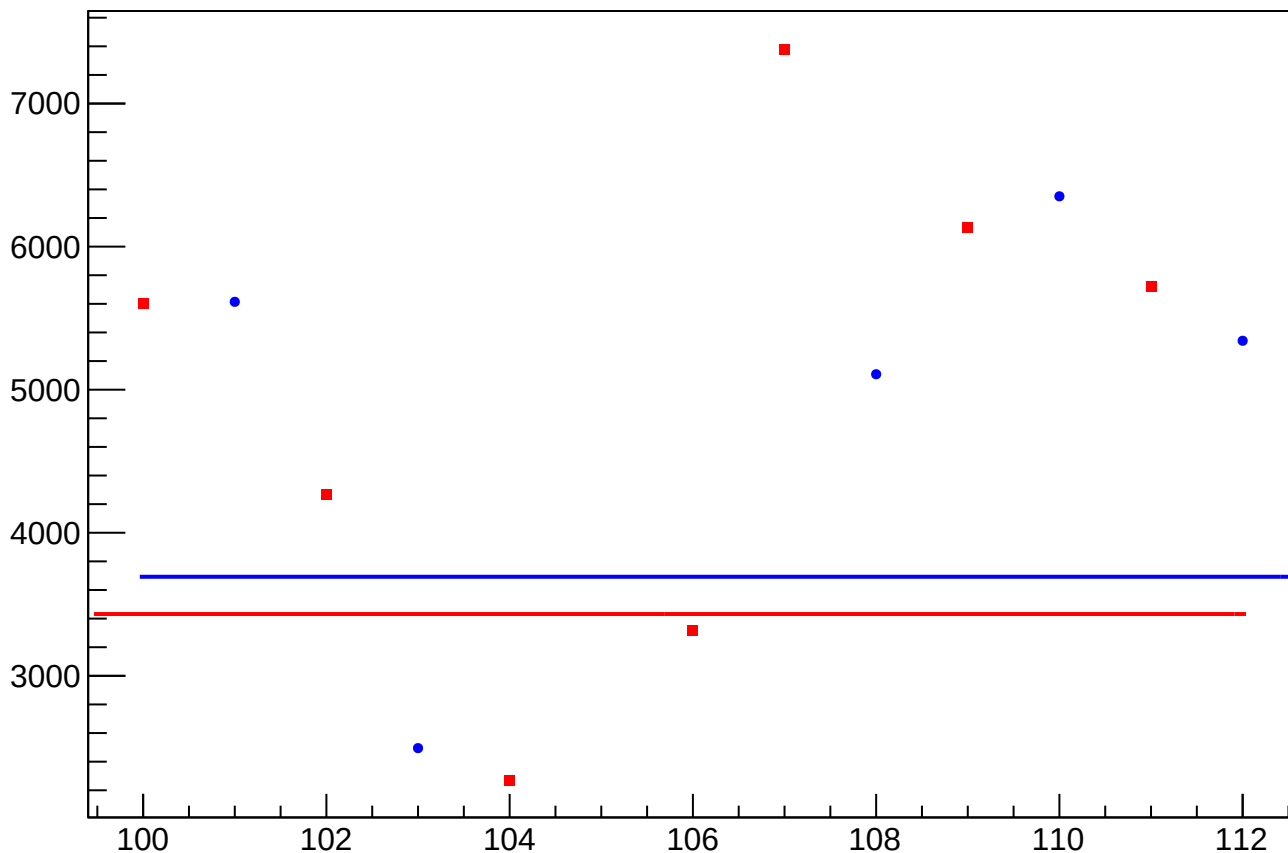
Right: -221.015+/-1705.345 χ^2/NDF : 8.1/11

In: -2934.985+/-2510.861 χ^2/NDF : 2.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -221.015+/-1705.345 χ^2/NDF : 8.1/11

asym_us_avg_atlr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3692.434+/-1.775 χ^2/NDF : 716232.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3431.996+/-1.643 χ^2/NDF : 817721.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

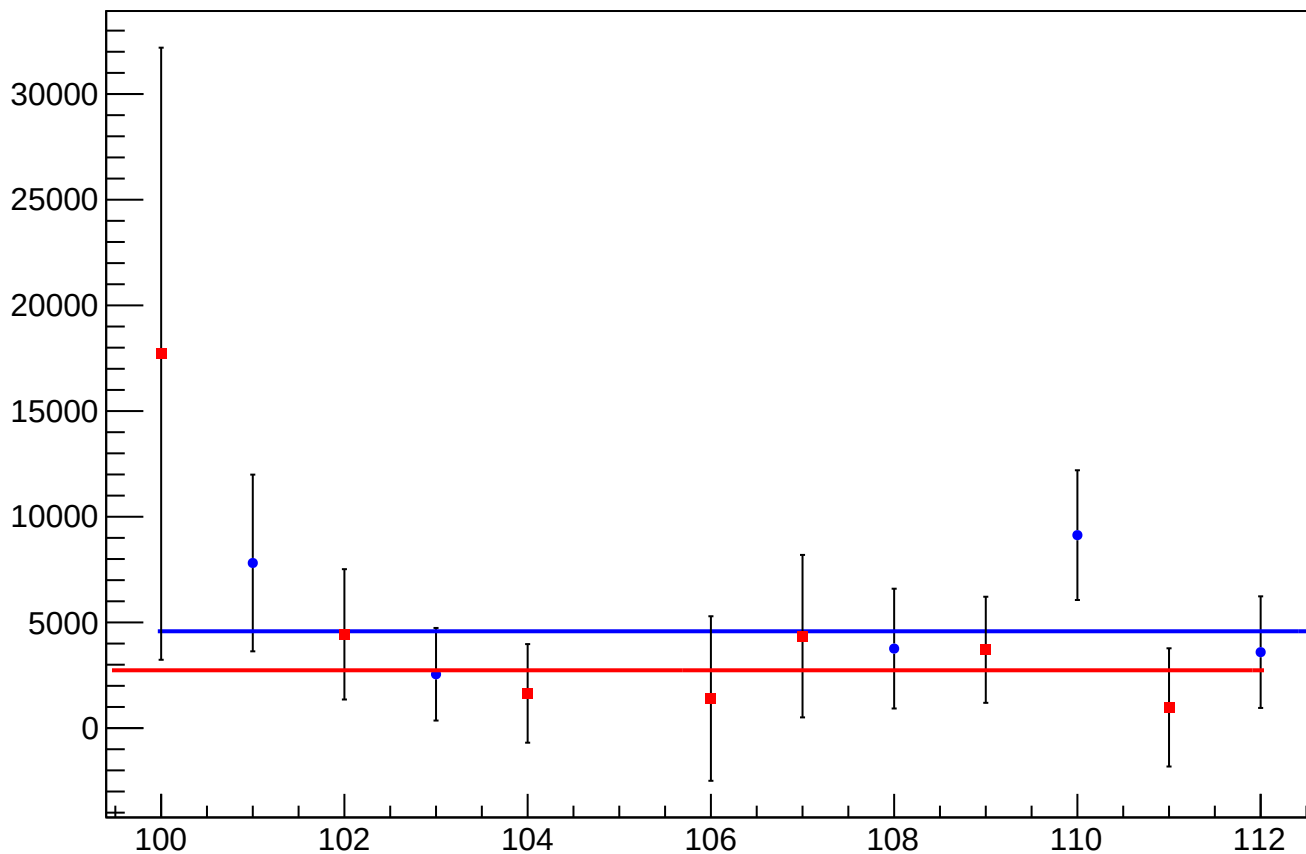
Right: 3552.135+/-1.206 χ^2/NDF : 1545545.3/11

In: 3692.434+/-1.775 χ^2/NDF : 716232.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3552.135+/-1.206 χ^2/NDF : 1545545.3/11

eigen_cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4581.719+/-1250.155 χ^2/NDF : 3.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2735.568+/-1183.416 χ^2/NDF : 2.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

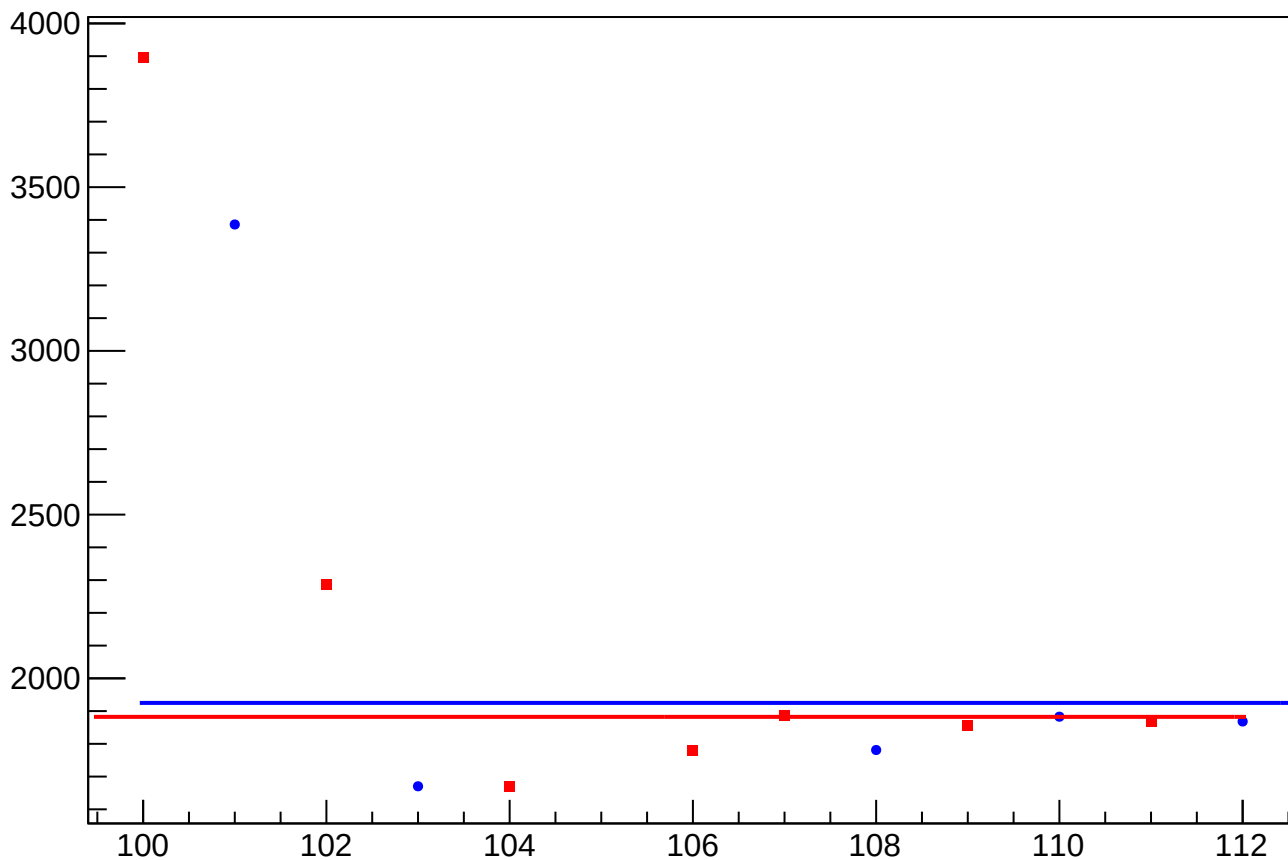
Right: 3608.052+/-859.427 χ^2/NDF : 7.5/11

In: 4581.719+/-1250.155 χ^2/NDF : 3.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3608.052+/-859.427 χ^2/NDF : 7.5/11

eigen_cor_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1924.994+/-0.884 χ^2/NDF : 277800.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1882.353+/-0.830 χ^2/NDF : 91468.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

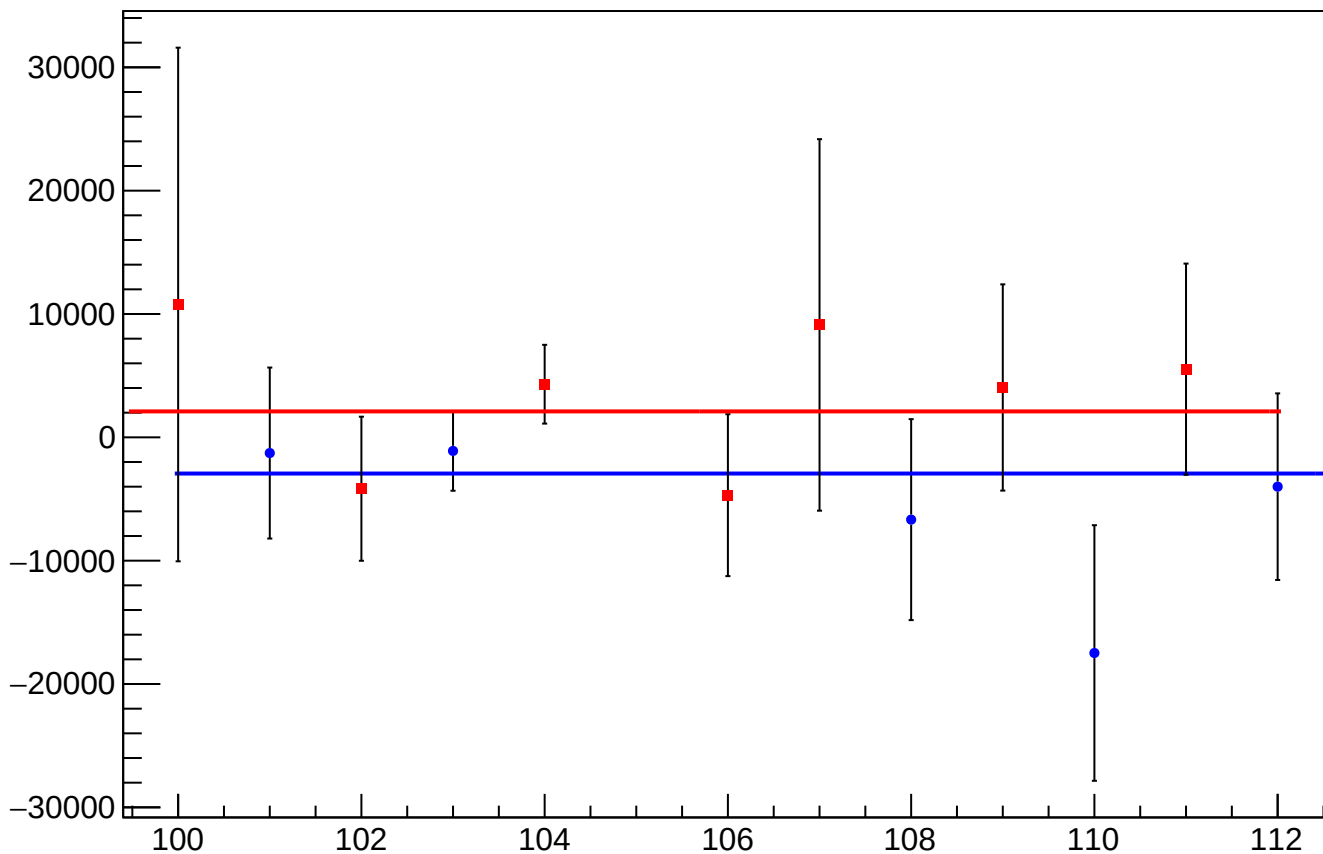
Right: 1902.339+/-0.605 χ^2/NDF : 370504.9/11

In: 1924.994+/-0.884 χ^2/NDF : 277800.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1902.339+/-0.605 χ^2/NDF : 370504.9/11

asym_us_avg_atlr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -2934.985+/-2510.861 χ^2 /NDF: 2.6/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2102.971+/-2323.468 χ^2 /NDF: 3.3/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

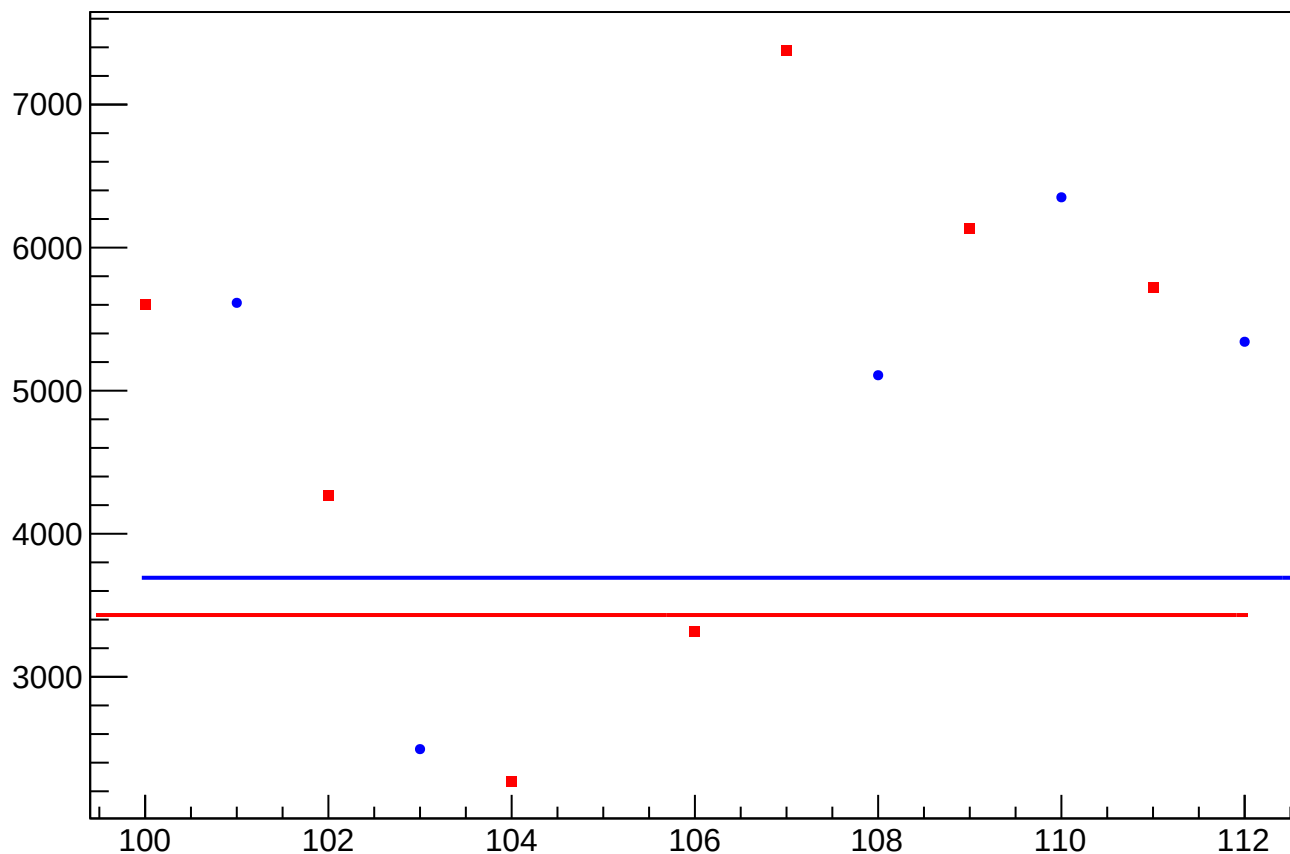
Right: -221.015+/-1705.345 χ^2 /NDF: 8.1/11

In: -2934.985+/-2510.861 χ^2 /NDF:2.6/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -221.015+/-1705.345 χ^2 /NDF: 8.1/11

asym_us_avg_atlr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3692.434+/-1.775 χ^2/NDF : 716232.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3431.996+/-1.643 χ^2/NDF : 817721.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

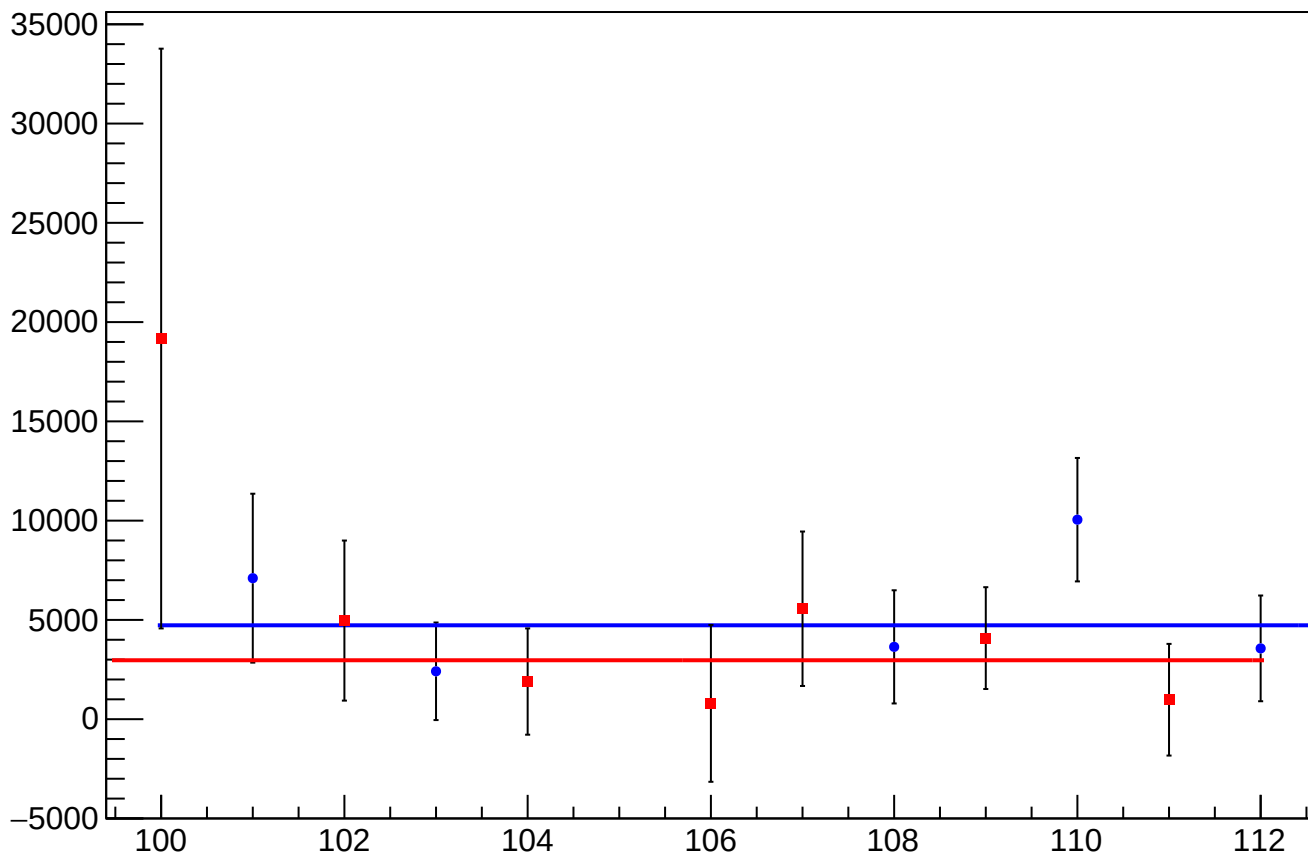
Right: 3552.135+/-1.206 χ^2/NDF : 1545545.3/11

In: 3692.434+/-1.775 χ^2/NDF : 716232.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3552.135+/-1.206 χ^2/NDF : 1545545.3/11

dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4728.552+/-1303.442 χ^2/NDF : 4.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2967.846+/-1275.664 χ^2/NDF : 3.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

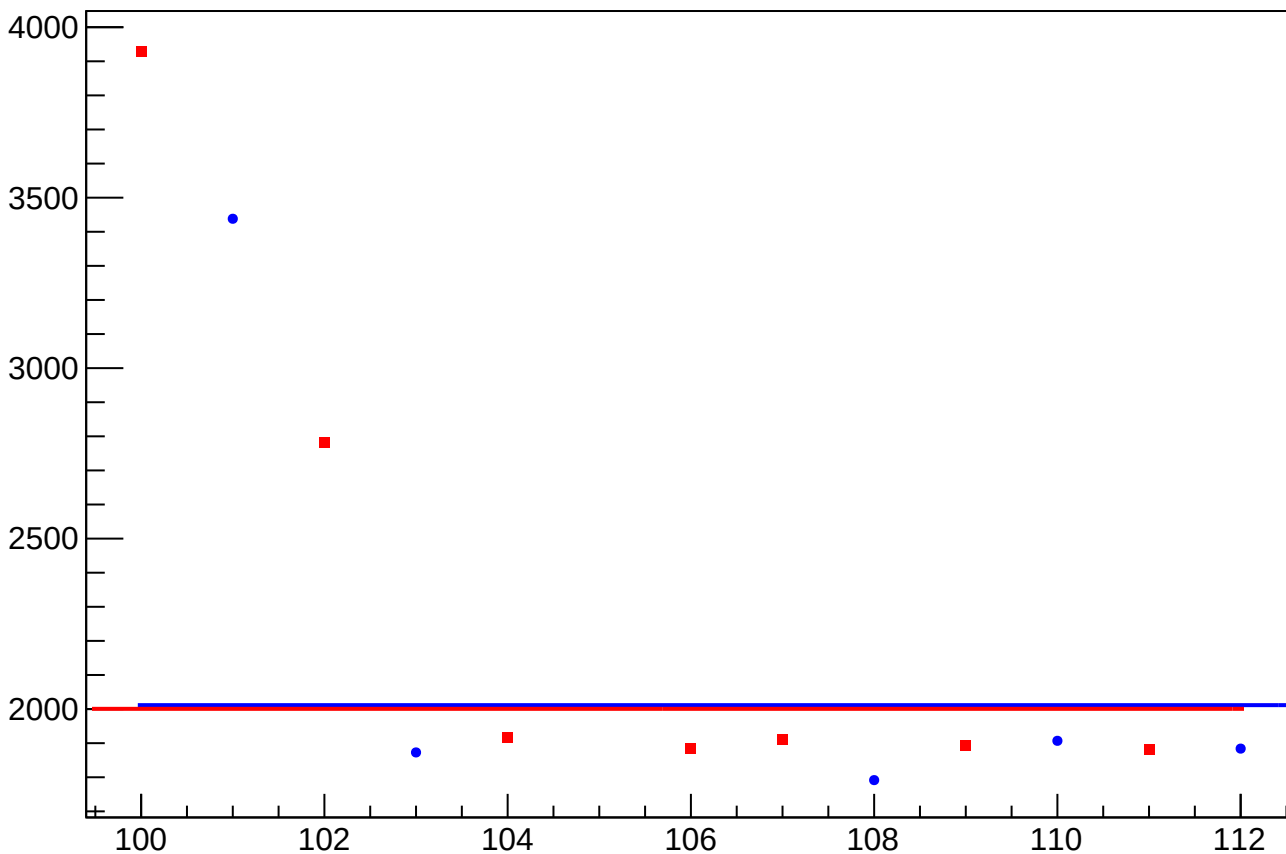
Right: 3829.238+/-911.693 χ^2/NDF : 8.5/11

In: 4728.552+/-1303.442 χ^2/NDF : 4.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3829.238+/-911.693 χ^2/NDF : 8.5/11

dit_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2011.539+/-0.922 χ^2/NDF : 250133.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2000.702+/-0.899 χ^2/NDF : 121864.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

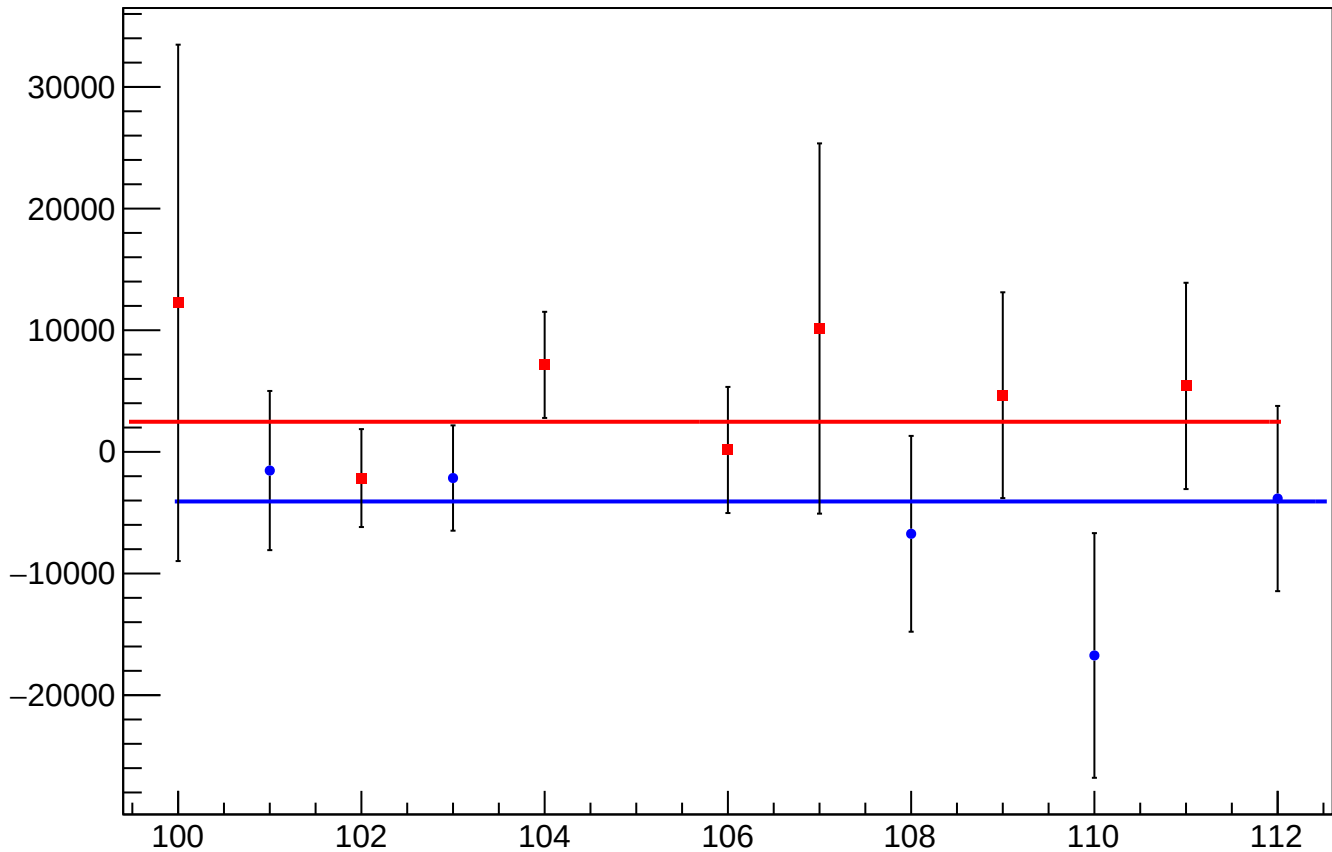
Right: 2005.985+/-0.644 χ^2/NDF : 372069.1/11

In: 2011.539+/-0.922 χ^2/NDF : 250133.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2005.985+/-0.644 χ^2/NDF : 372069.1/11

asym_us_avg_atlr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -4075.689+/-2895.263 χ^2/NDF : 2.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2476.251+/-2319.388 χ^2/NDF : 3.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

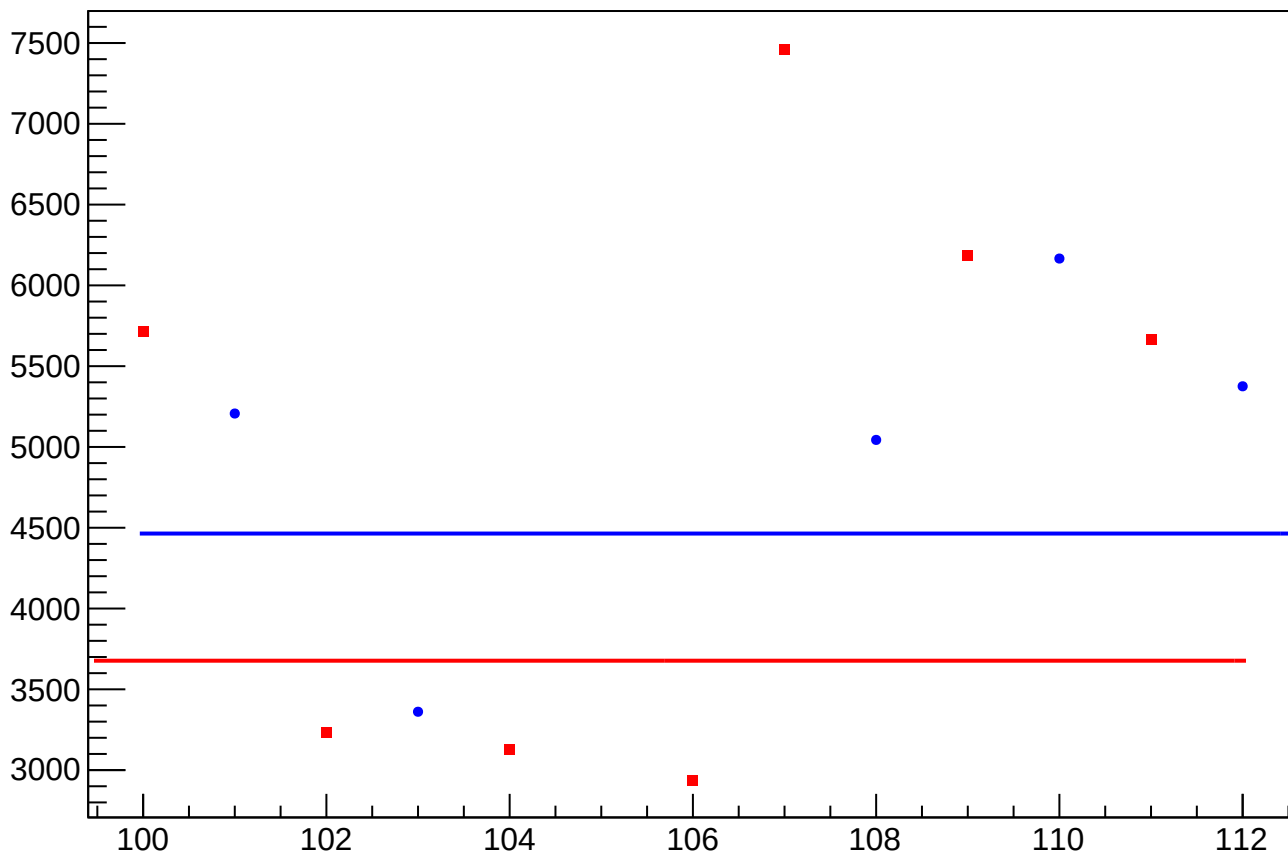
Right: -84.880+/-1810.168 χ^2/NDF : 8.5/11

In: -4075.689+/-2895.263 χ^2/NDF : 2.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -84.880+/-1810.168 χ^2/NDF : 8.5/11

asym_us_avg_atlr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4464.071+/-2.047 χ^2/NDF : 251907.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3677.114+/-1.640 χ^2/NDF : 524589.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

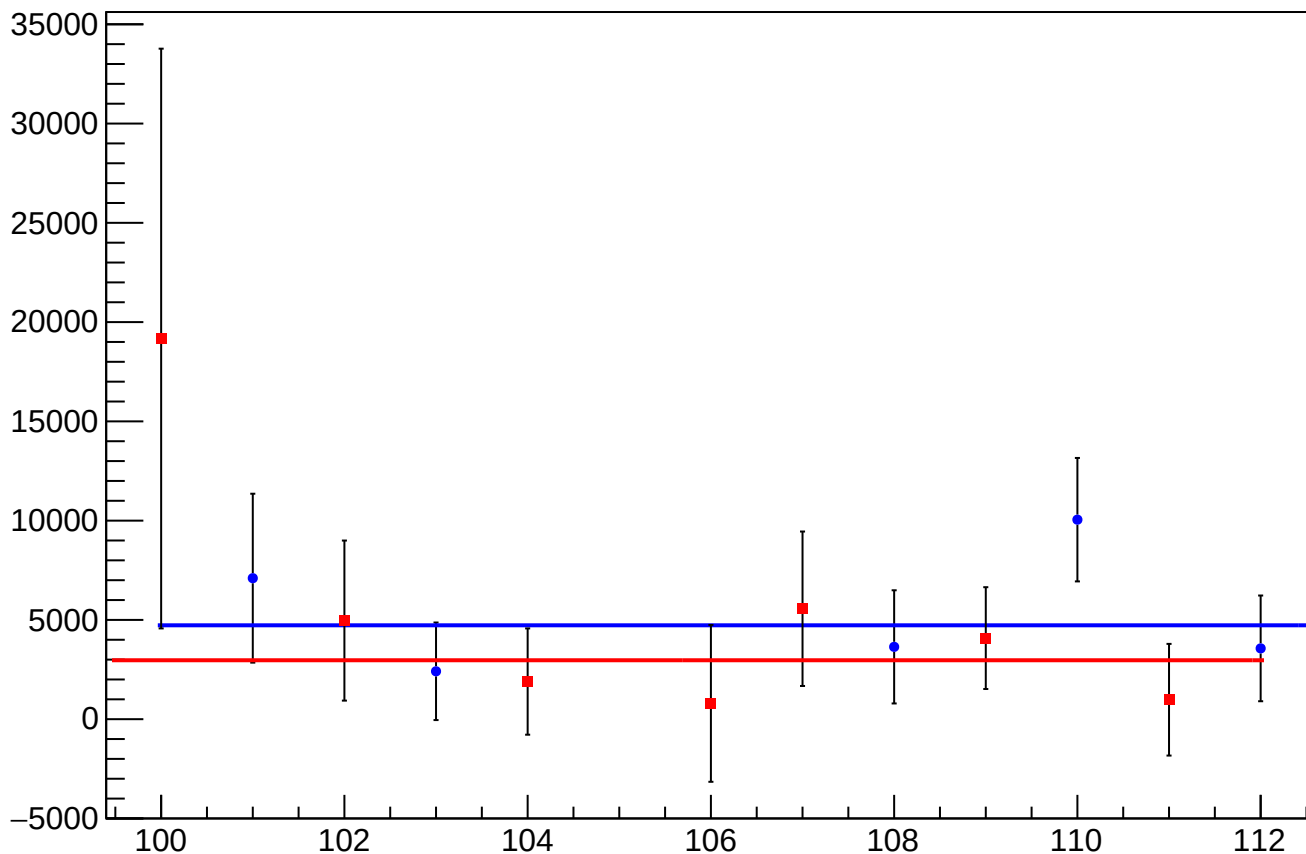
Right: 3984.733+/-1.280 χ^2/NDF : 866498.0/11

In: 4464.071+/-2.047 χ^2/NDF : 251907.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3984.733+/-1.280 χ^2/NDF : 866498.0/11

eigen_dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4728.557+/-1303.441 χ^2/NDF : 4.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2967.834+/-1275.663 χ^2/NDF : 3.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

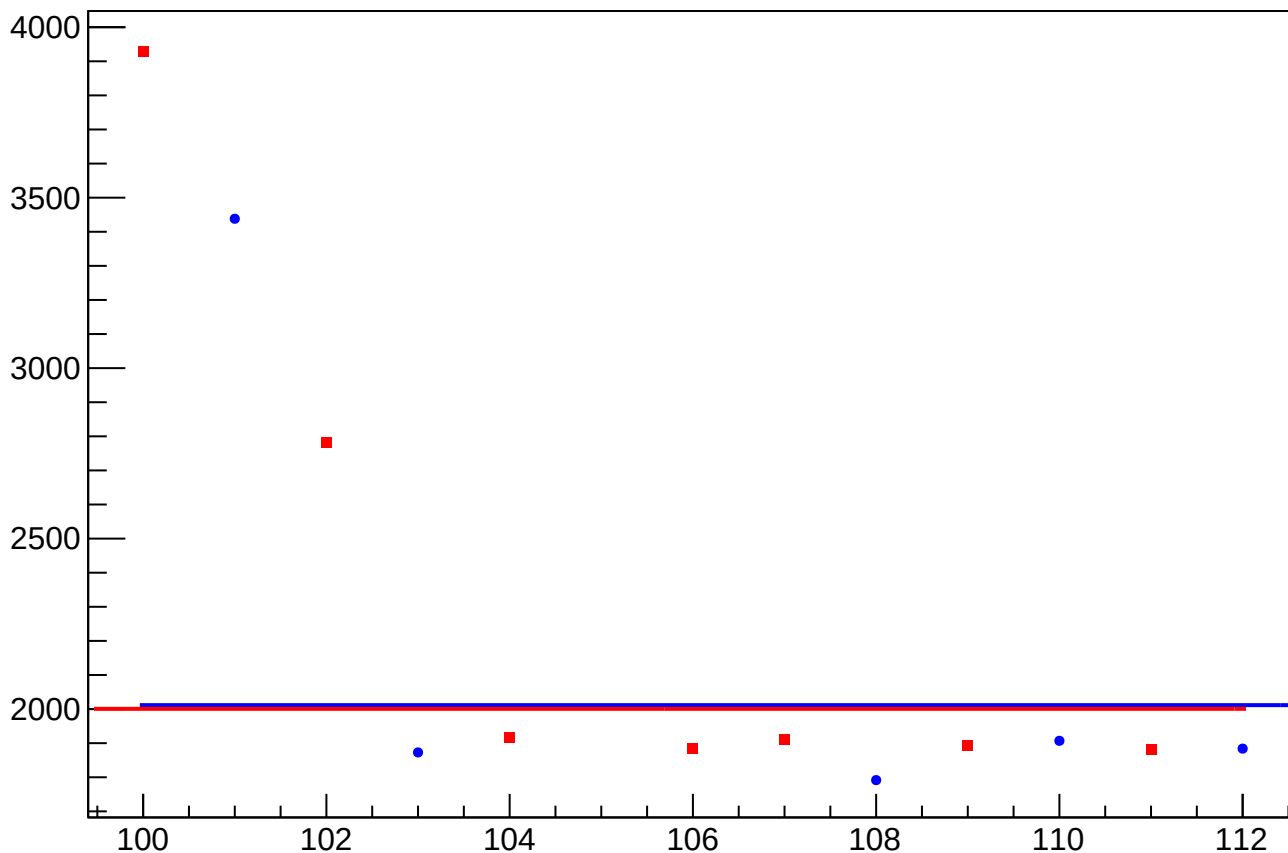
Right: 3829.234+/-911.692 χ^2/NDF : 8.5/11

In: 4728.557+/-1303.441 χ^2/NDF : 4.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3829.234+/-911.692 χ^2/NDF : 8.5/11

eigen_dit_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2011.538+/-0.922 χ^2/NDF : 250134.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2000.700+/-0.899 χ^2/NDF : 121863.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

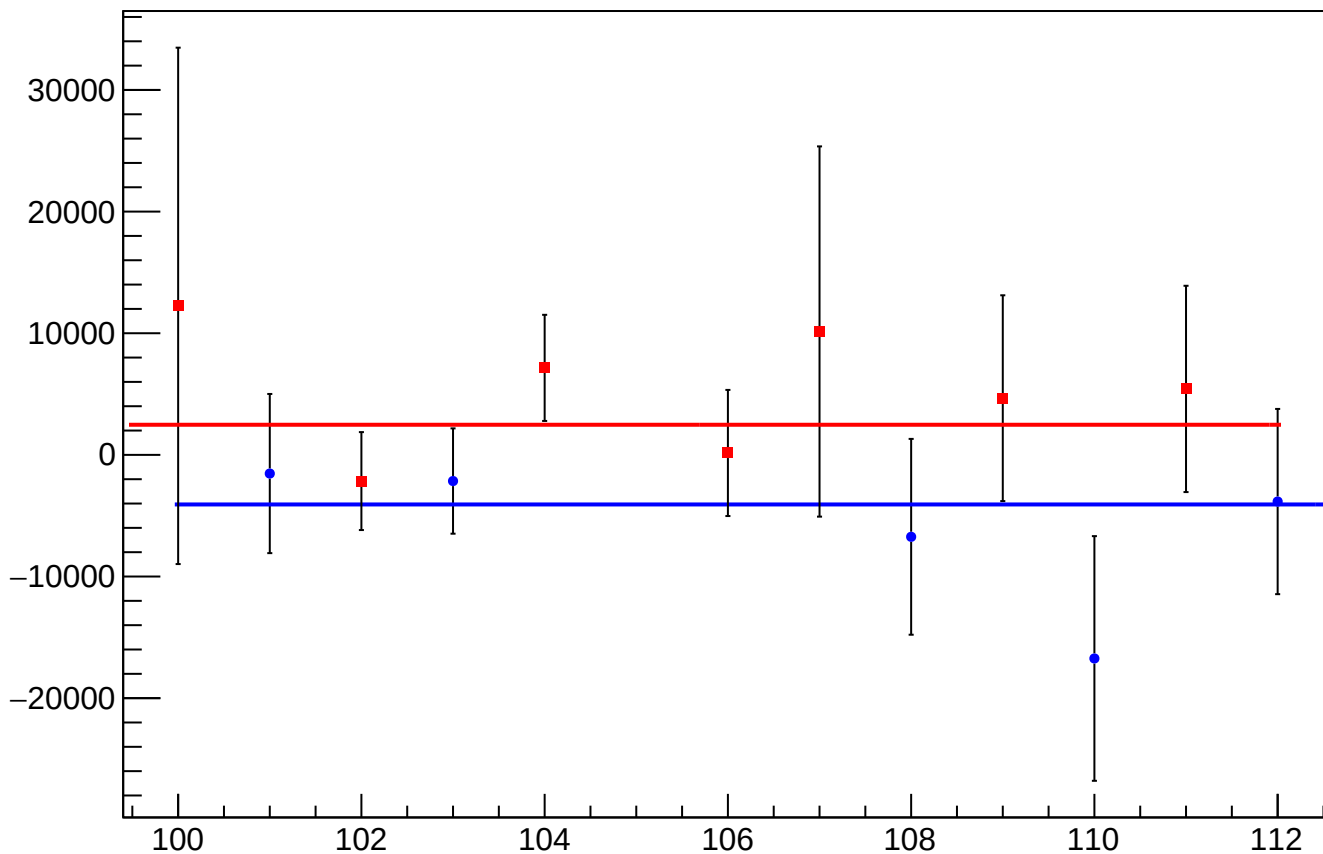
Right: 2005.984+/-0.644 χ^2/NDF : 372068.9/11

In: 2011.538+/-0.922 χ^2/NDF : 250134.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2005.984+/-0.644 χ^2/NDF : 372068.9/11

asym_us_avg_atlr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -4075.687+/-2895.257 χ^2/NDF : 2.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2476.247+/-2319.382 χ^2/NDF : 3.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

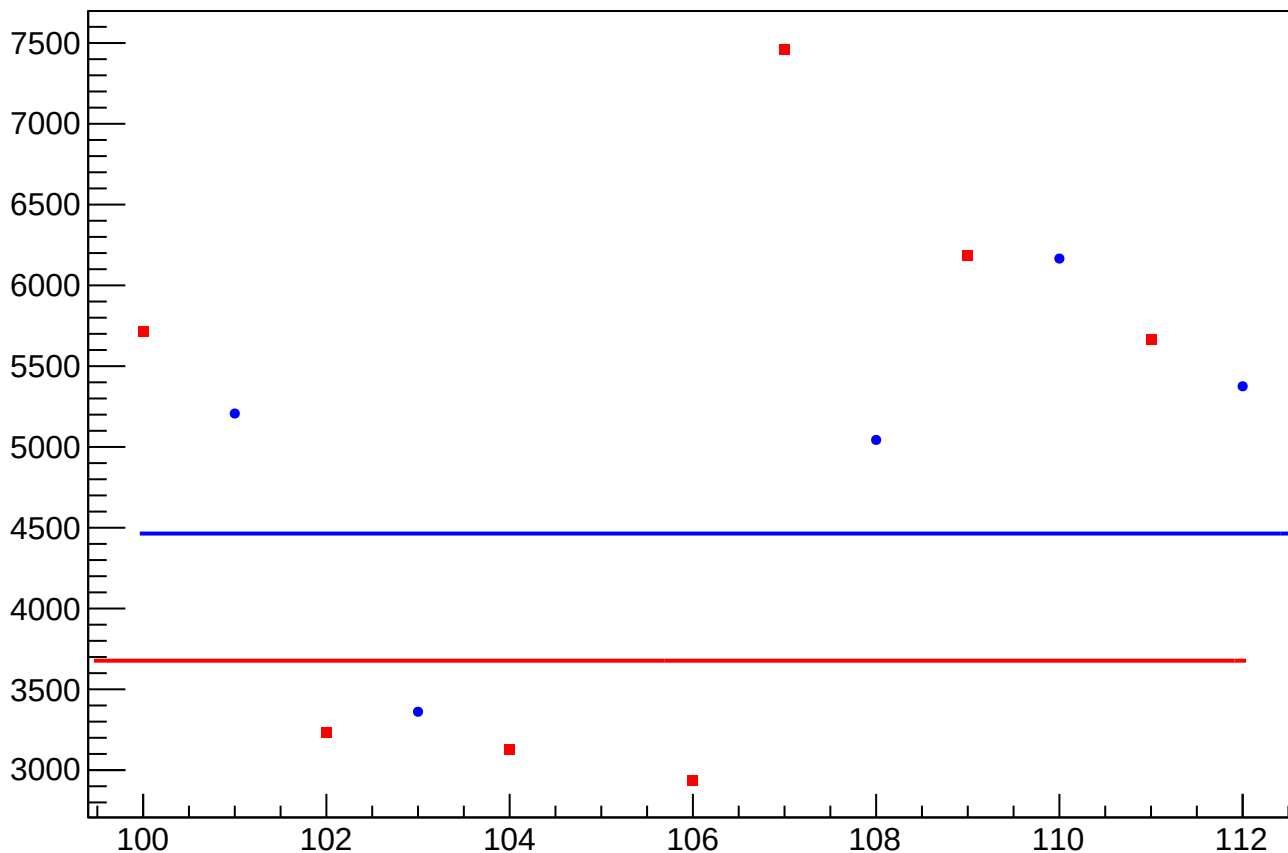
Right: -84.880+/-1810.164 χ^2/NDF : 8.5/11

In: -4075.687+/-2895.257 χ^2/NDF : 2.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -84.880+/-1810.164 χ^2/NDF : 8.5/11

asym_us_avg_atlr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4464.062+/-2.047 χ^2/NDF : 251907.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3677.106+/-1.640 χ^2/NDF : 524589.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

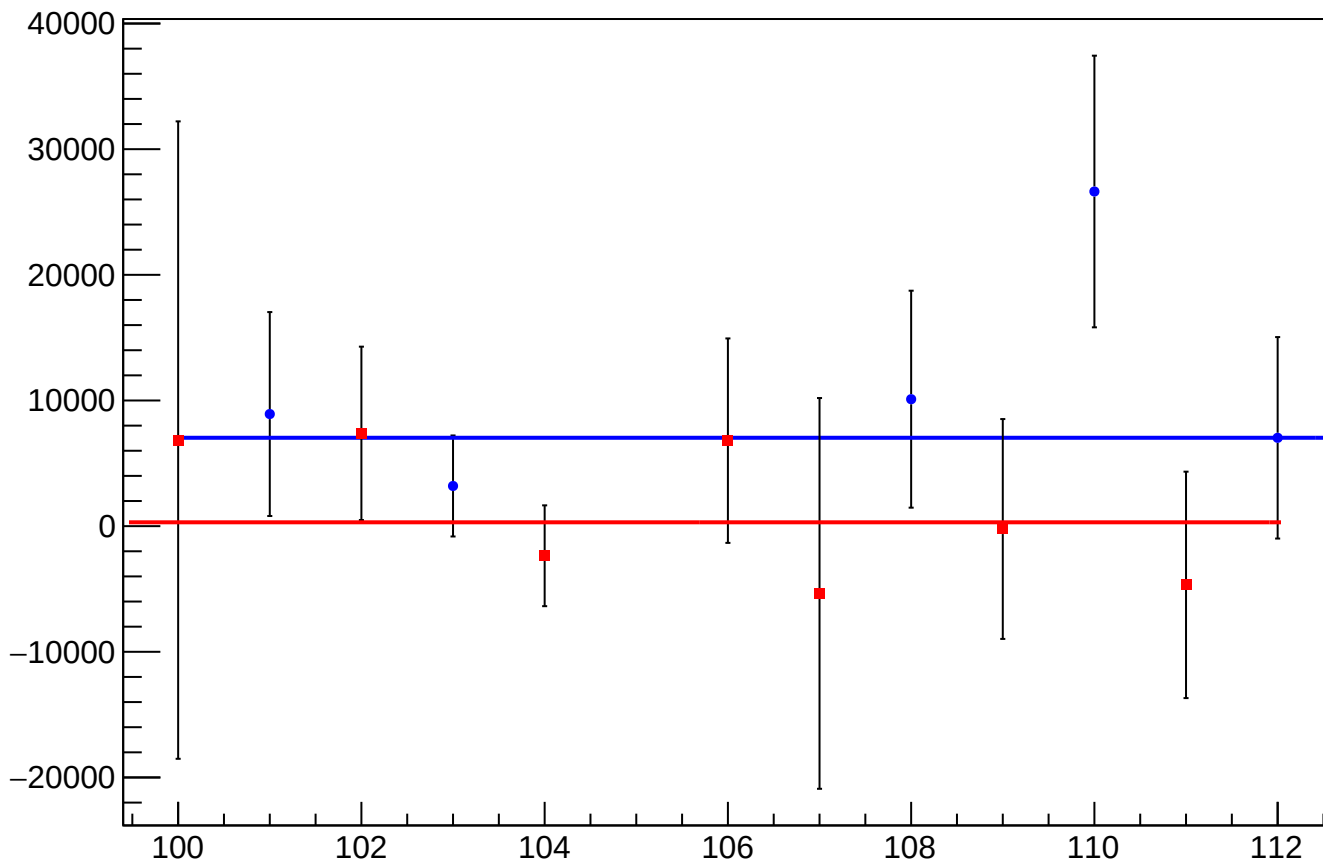
Right: 3984.724+/-1.280 χ^2/NDF : 866498.4/11

In: 4464.062+/-2.047 χ^2/NDF : 251907.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3984.724+/-1.280 χ^2/NDF : 866498.4/11

asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 7033.355+/-2953.586 χ^2/NDF : 4.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 305.809+/-2780.775 χ^2/NDF : 2.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

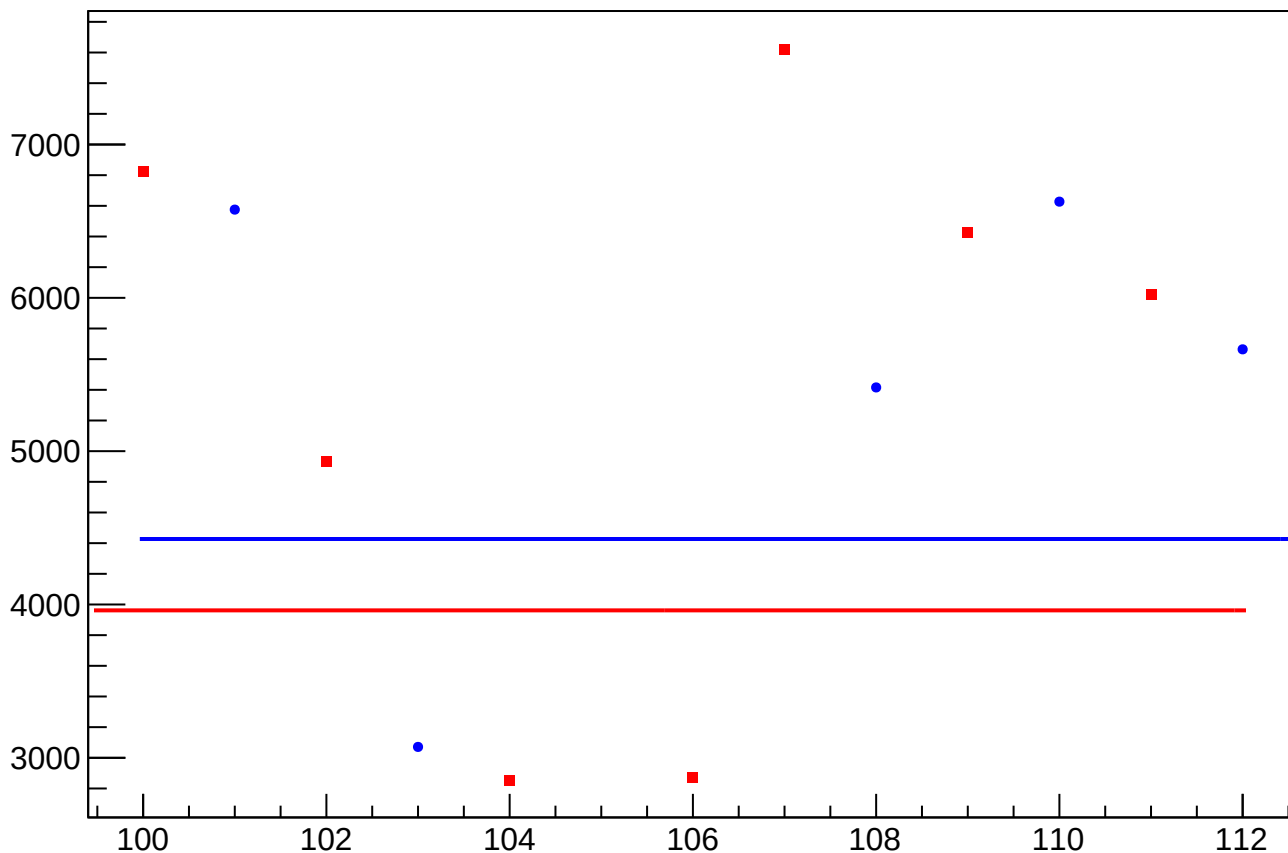
Right: 3467.024+/-2024.643 χ^2/NDF : 9.8/11

In: 7033.355+/-2953.586 χ^2/NDF : 4.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3467.024+/-2024.643 χ^2/NDF : 9.8/11

asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 4427.099+/-2.088 χ^2/NDF : 524579.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3961.657+/-1.886 χ^2/NDF : 654611.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

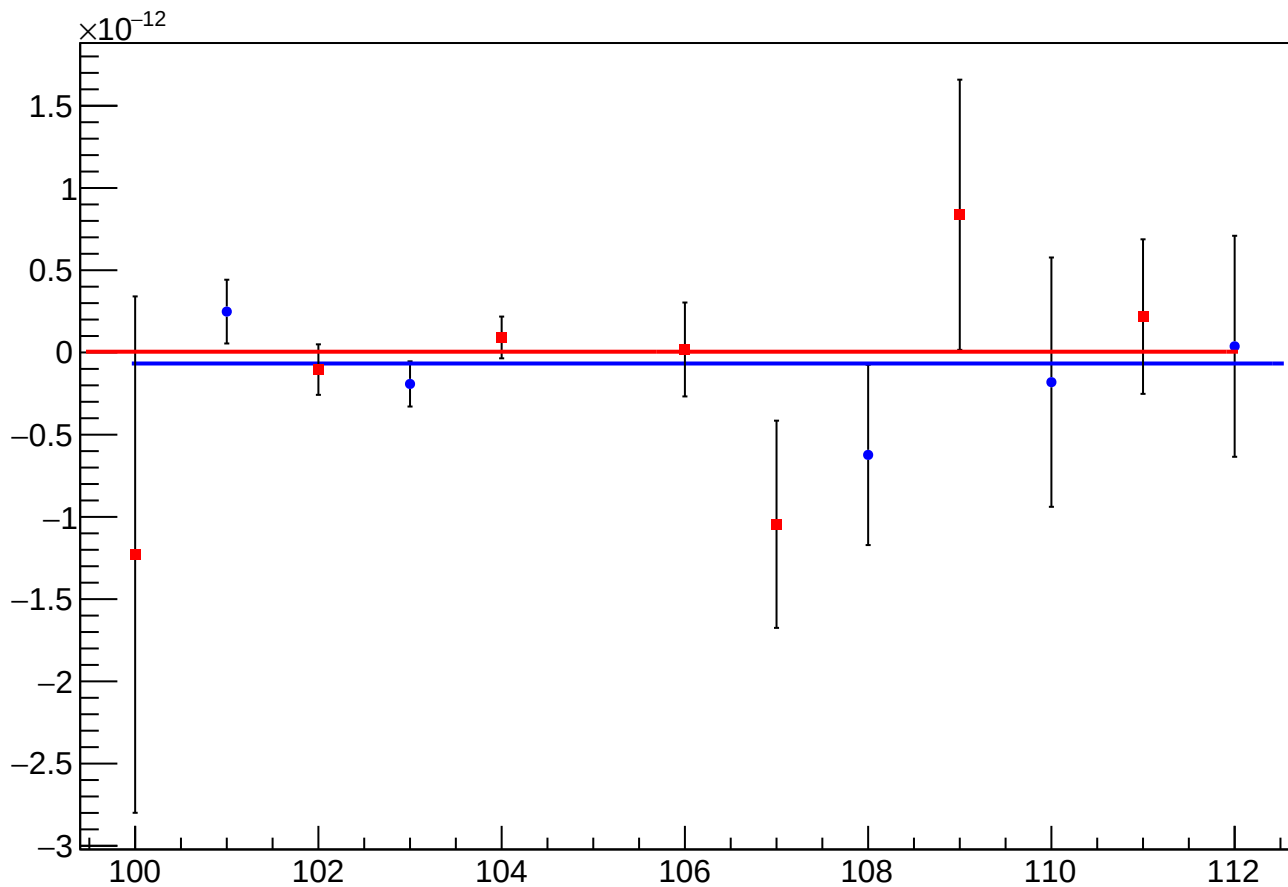
Right: 4170.724+/-1.400 χ^2/NDF : 1206550.4/11

In: 4427.099+/-2.088 χ^2/NDF : 524579.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4170.724+/-1.400 χ^2/NDF : 1206550.4/11

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

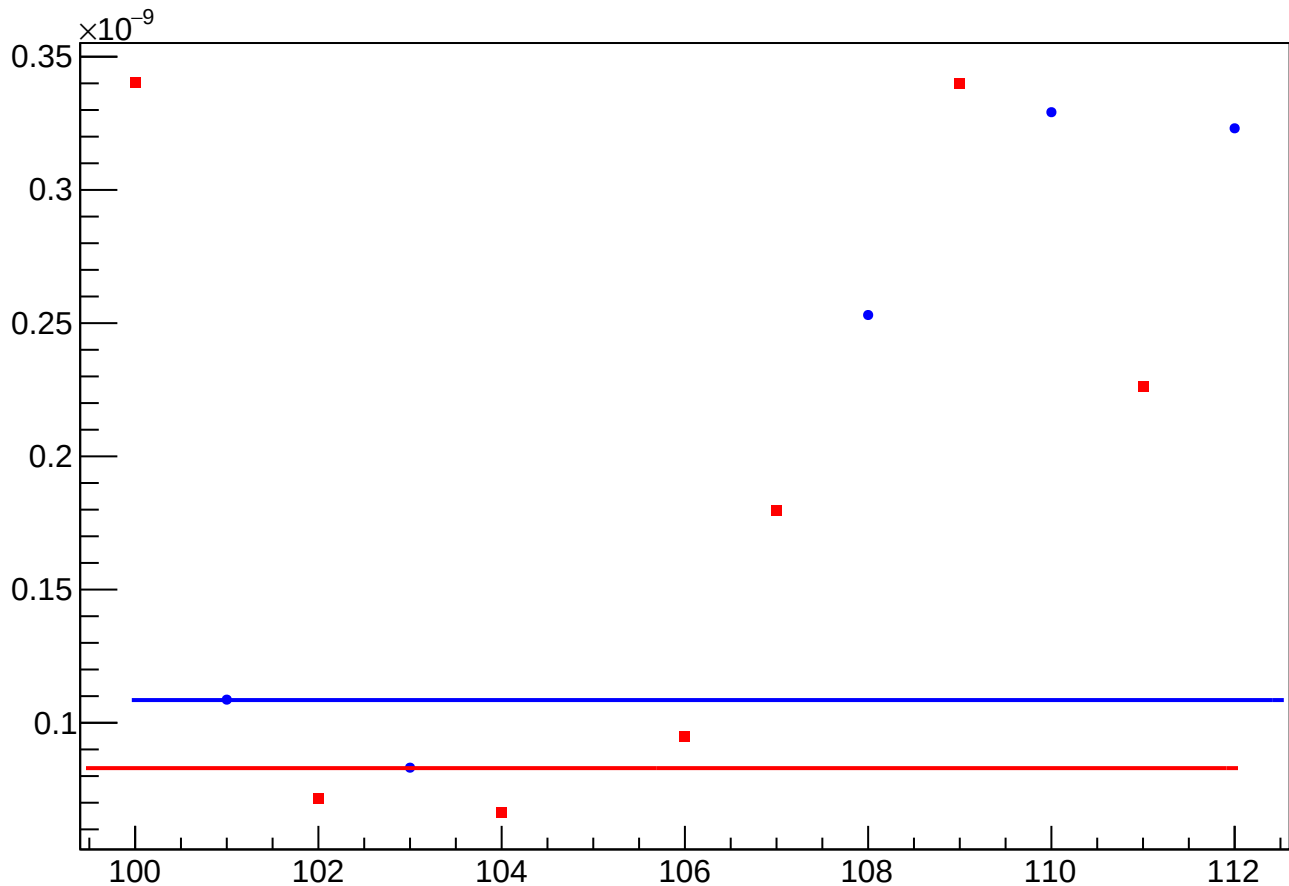
Right: -0.000+/-0.000 χ^2/NDF : 10.4/11

In: -0.000+/-0.000 χ^2/NDF : 4.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.4/11

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 580645.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 531890.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

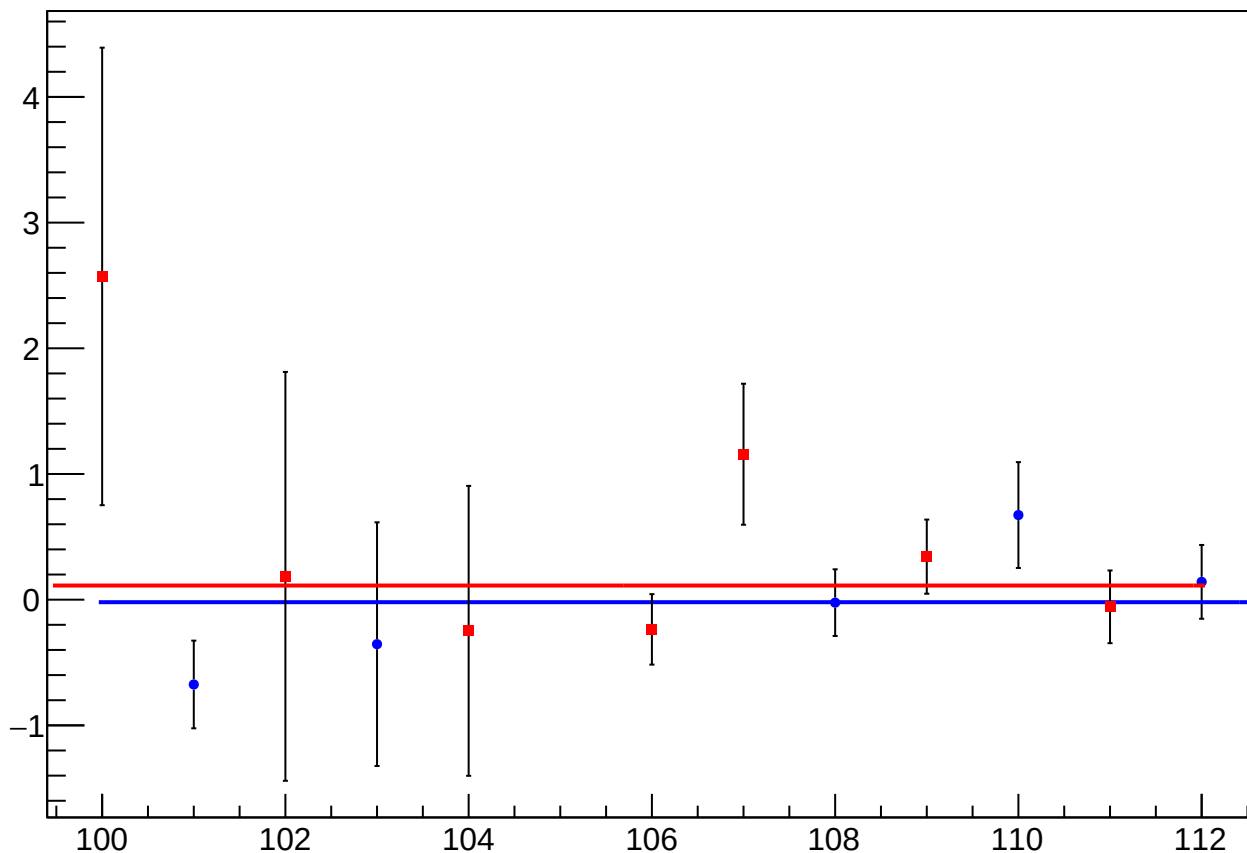
Right: 0.000+/-0.000 χ^2/NDF : 1179568.5/11

In: 0.000+/-0.000 χ^2/NDF : 580645.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1179568.5/11

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.157 χ^2/NDF : 6.7/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.113 ± 0.157 χ^2/NDF : 7.9/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

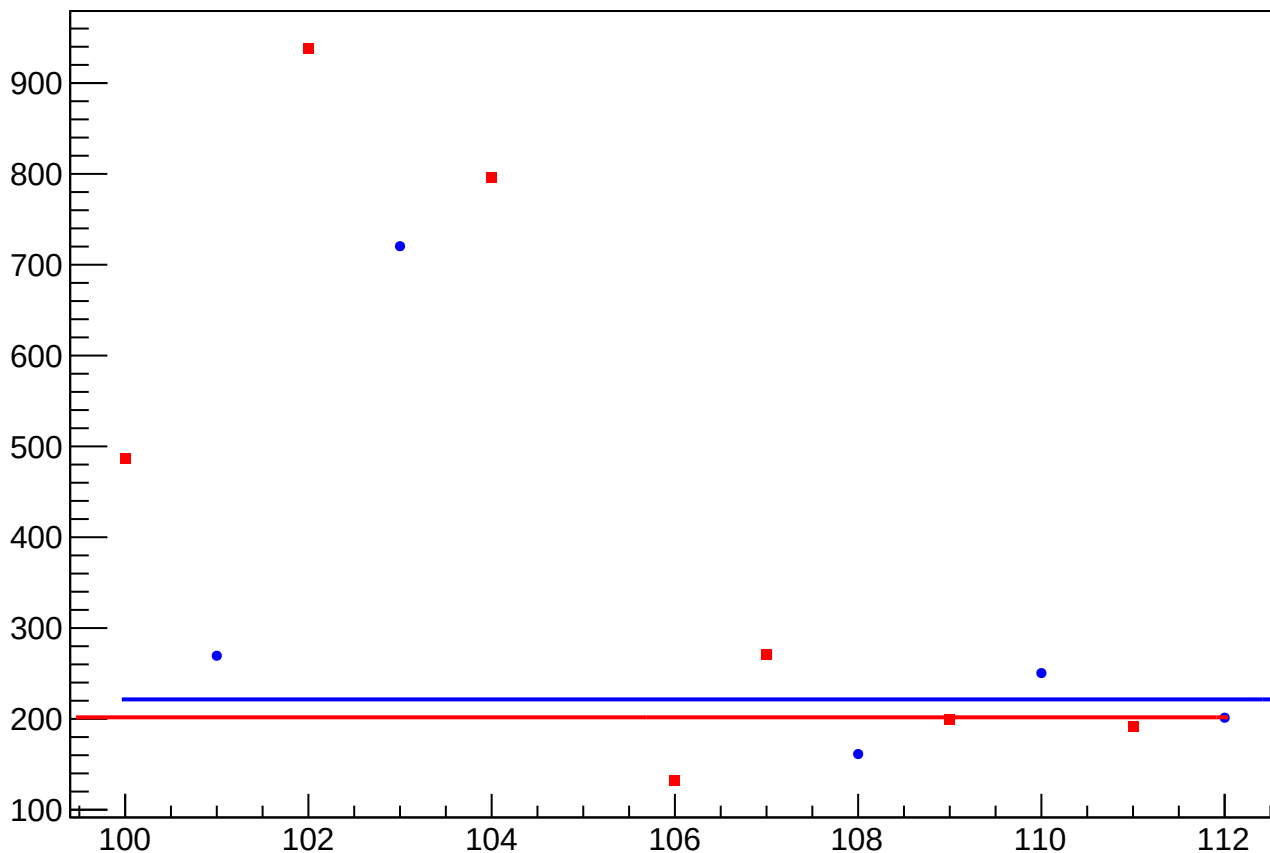
Right: 0.046 ± 0.111 χ^2/NDF : 14.9/11

In: -0.020 ± 0.157 χ^2/NDF : 6.7/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.046 ± 0.111 χ^2/NDF : 14.9/11

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 221.483+/-0.111 χ^2/NDF : 689480.1/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 201.740+/-0.111 χ^2/NDF : 1145568.8/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

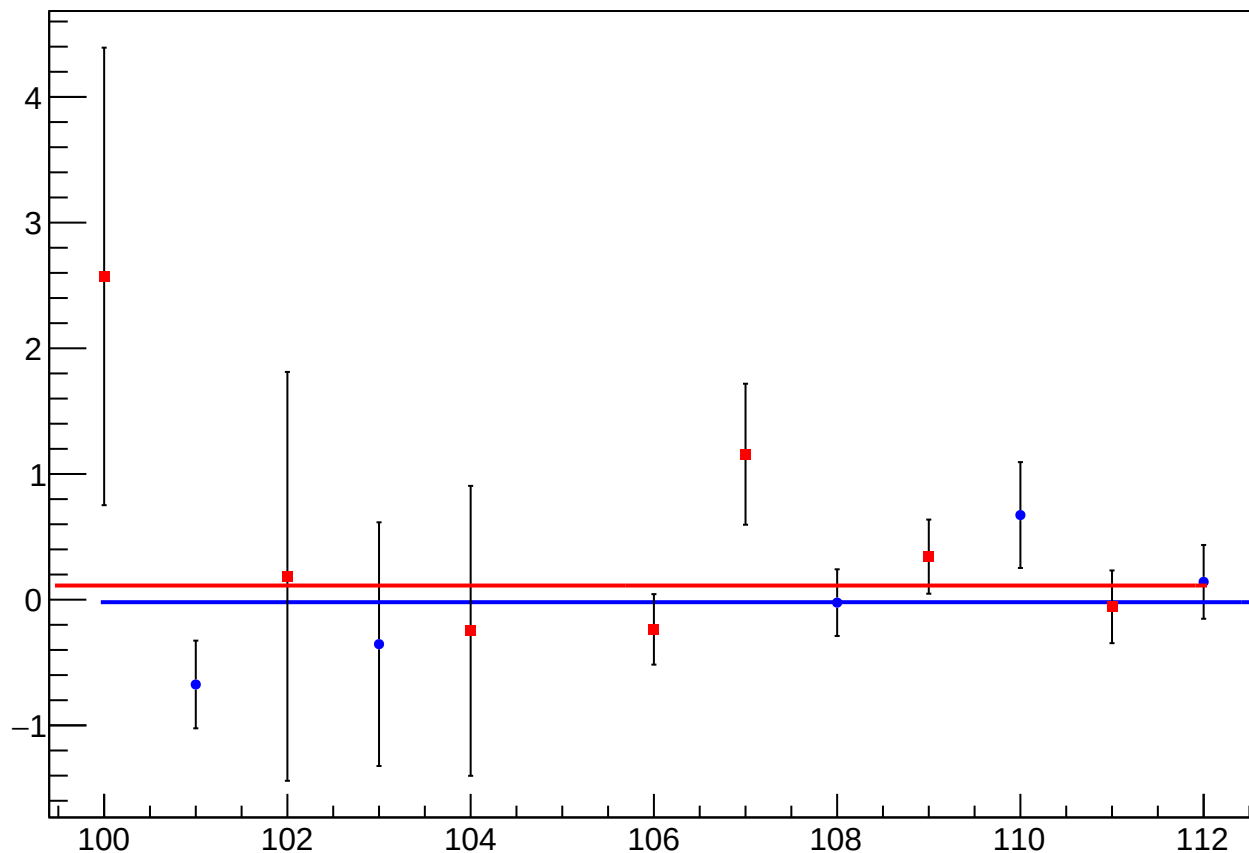
Right: 211.607+/-0.078 χ^2/NDF : 1850939.6/11

In: 221.483+/-0.111 χ^2/NDF :689480.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 211.607+/-0.078 χ^2/NDF : 1850939.6/11

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.157 χ^2/NDF : 6.7/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.113 ± 0.157 χ^2/NDF : 7.9/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

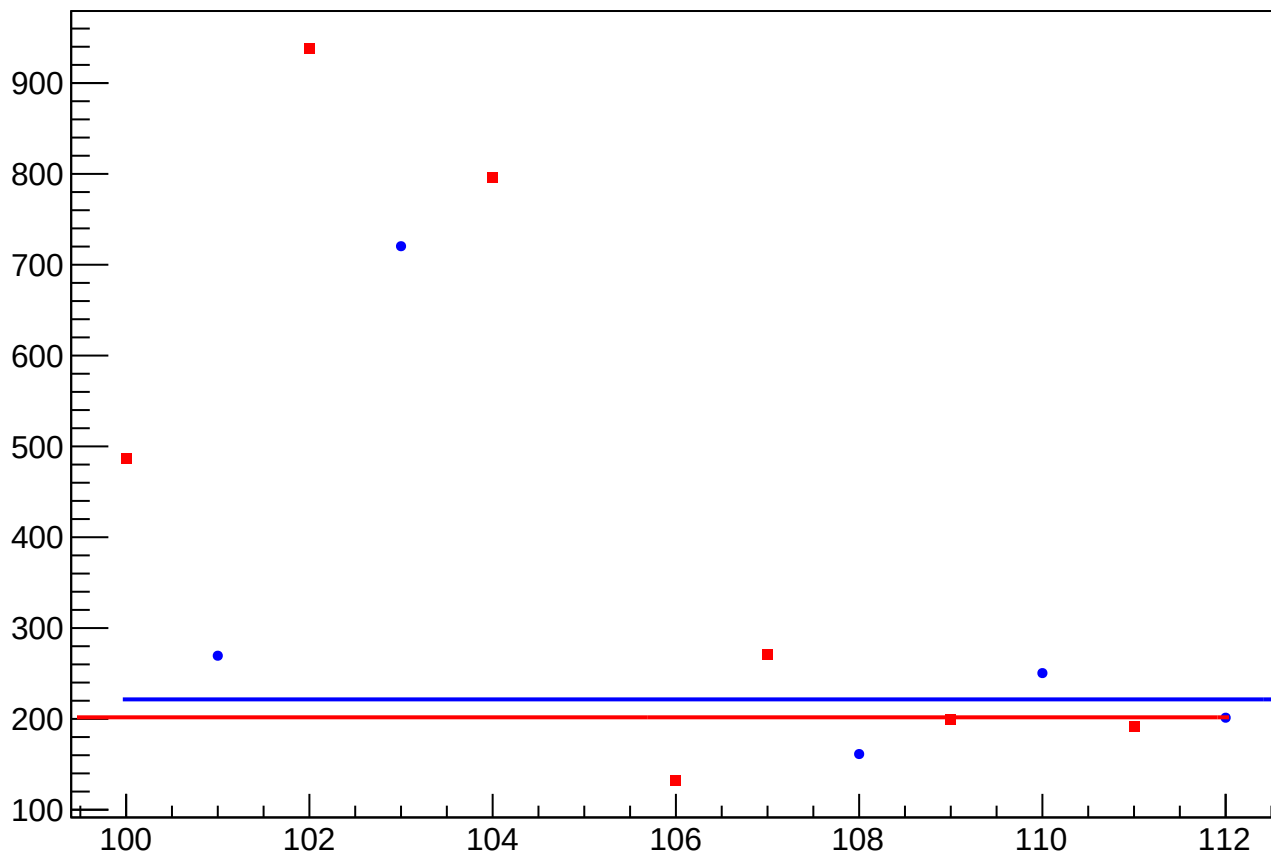
Right: 0.046 ± 0.111 χ^2/NDF : 14.9/11

In: -0.020 ± 0.157 χ^2/NDF : 6.7/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.046 ± 0.111 χ^2/NDF : 14.9/11

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 221.483+/-0.111 χ^2/NDF : 689480.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 201.740+/-0.111 χ^2/NDF : 1145568.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

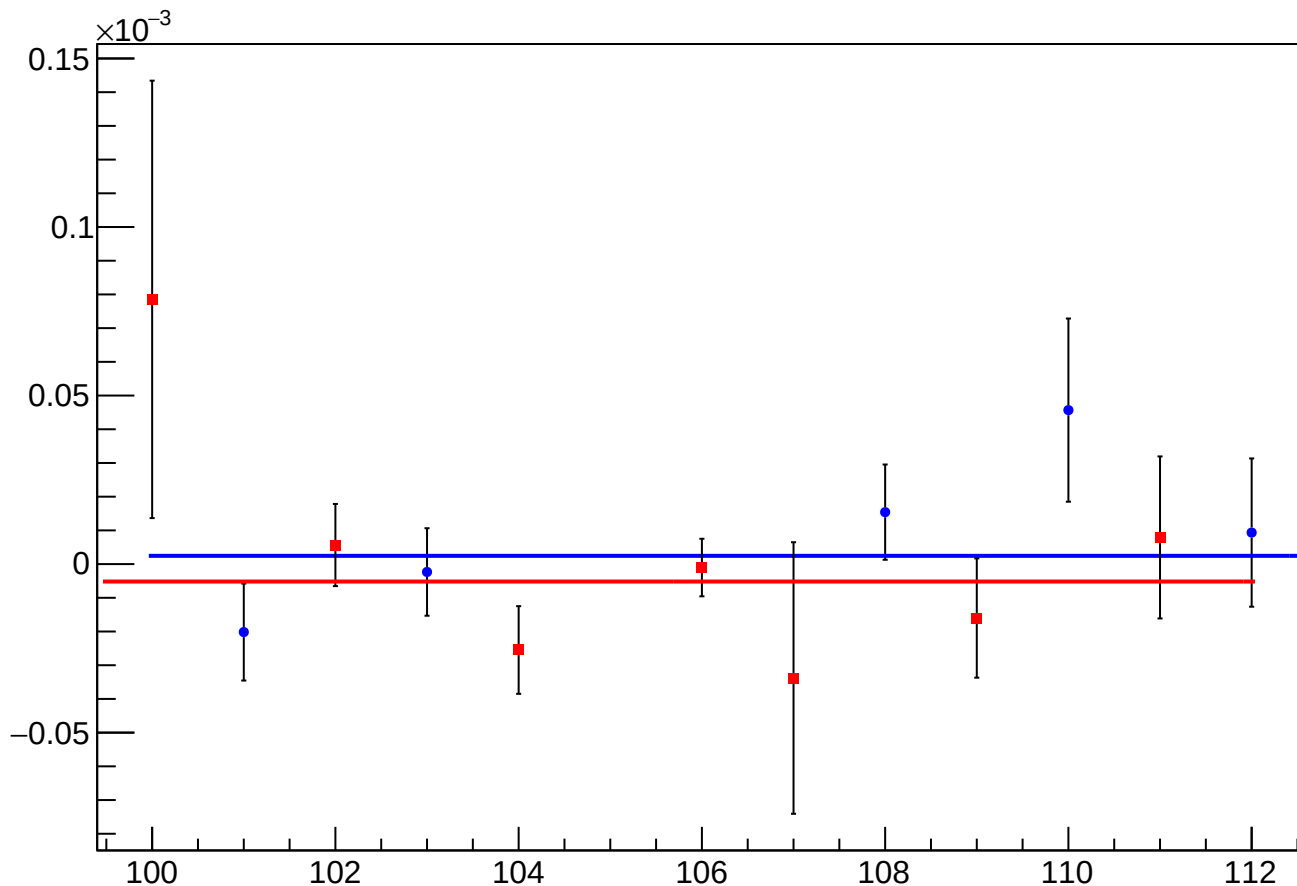
Right: 211.607+/-0.078 χ^2/NDF : 1850939.6/11

In: 221.483+/-0.111 χ^2/NDF : 689480.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 211.607+/-0.078 χ^2/NDF : 1850939.6/11

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 : 6.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

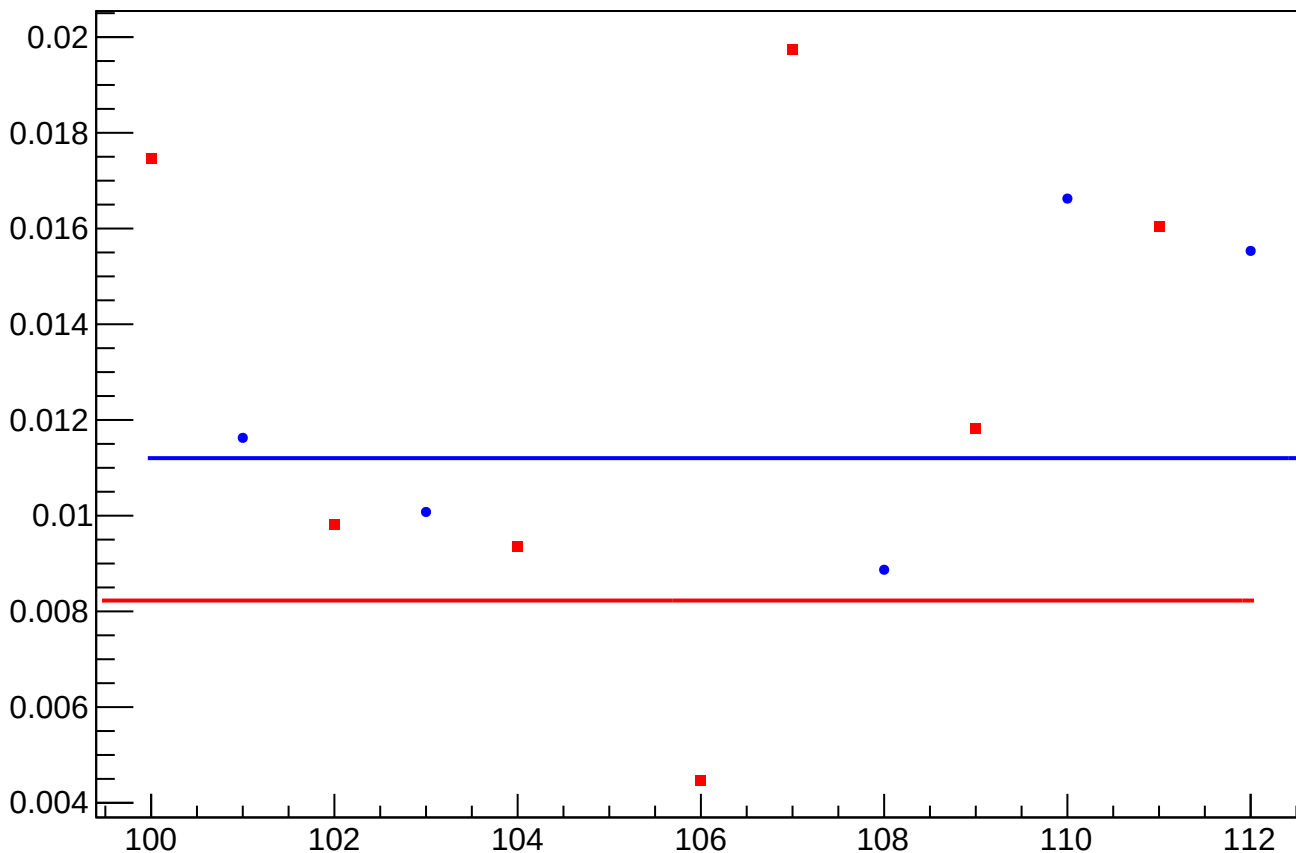
Right: -0.000+/-0.000 χ^2/NDF : 13.1/11

In: 0.000+/-0.000 χ^2/NDF : 6.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.1/11

asym_us_avg_atlr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 228417.6/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 935401.7/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

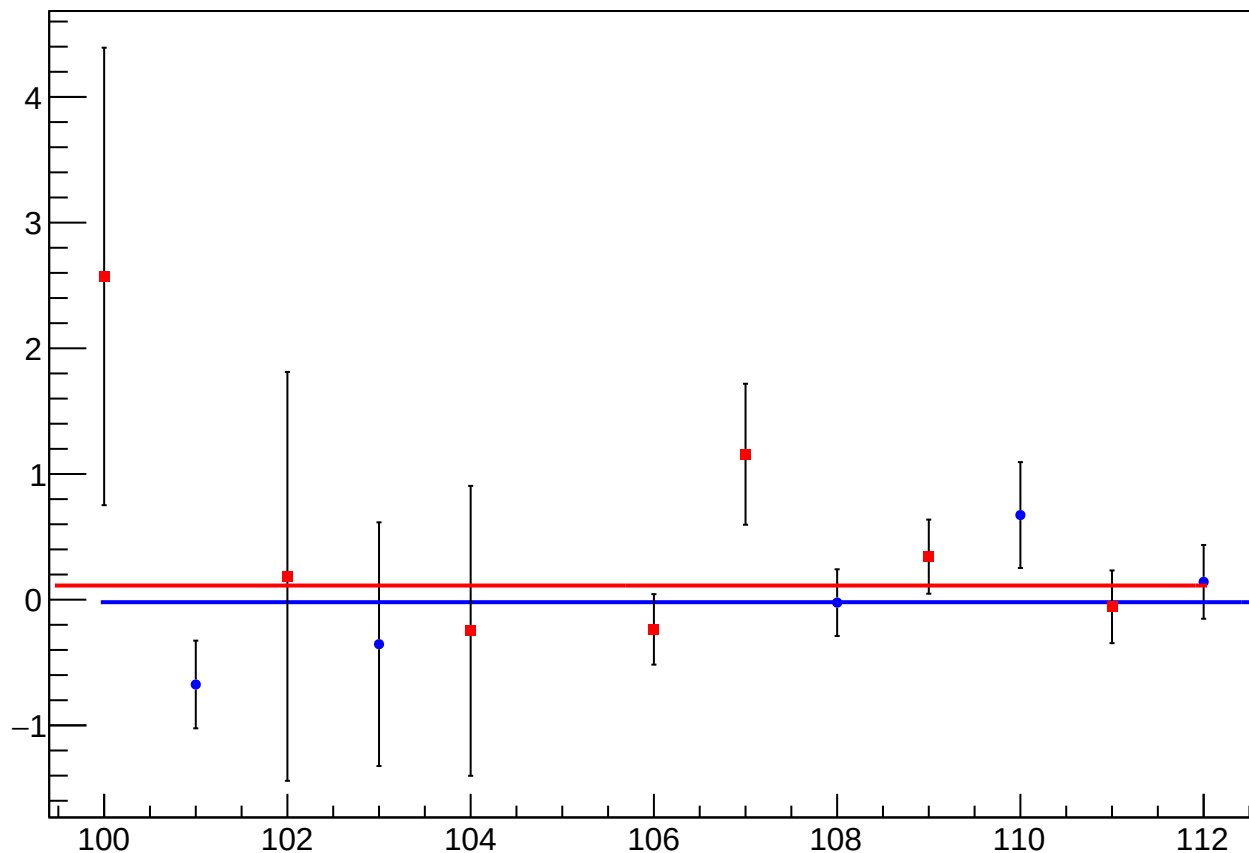
Right: 0.009+/-0.000 χ^2/NDF : 1376621.7/11

In: 0.011+/-0.000 χ^2/NDF :228417.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.009+/-0.000 χ^2/NDF : 1376621.7/11

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.157 χ^2/NDF : 6.7/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.113 ± 0.157 χ^2/NDF : 7.9/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

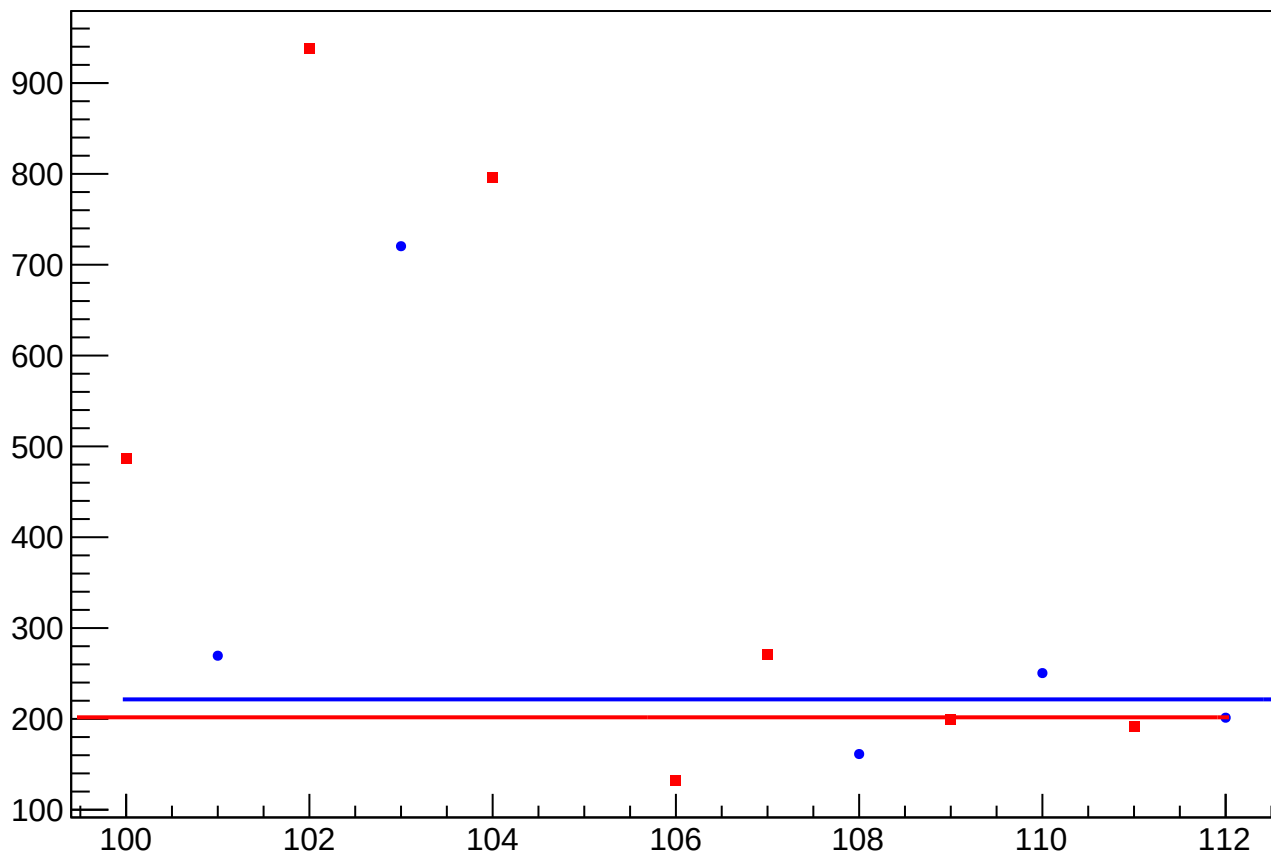
Right: 0.046 ± 0.111 χ^2/NDF : 14.9/11

In: -0.020 ± 0.157 χ^2/NDF : 6.7/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.046 ± 0.111 χ^2/NDF : 14.9/11

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 221.487+/-0.111 χ^2/NDF : 689460.4/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 201.741+/-0.111 χ^2/NDF : 1145563.7/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

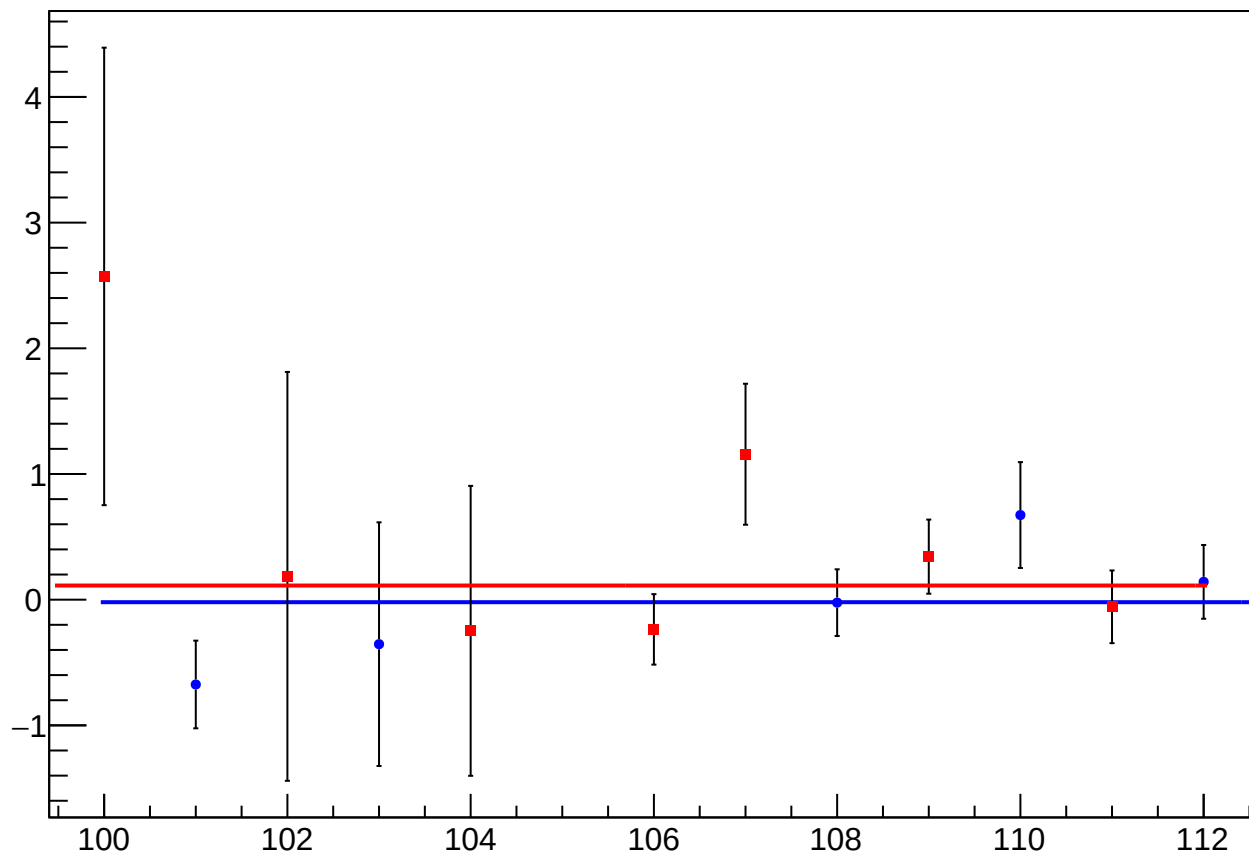
Right: 211.609+/-0.078 χ^2/NDF : 1850918.4/11

In: 221.487+/-0.111 χ^2/NDF :689460.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 211.609+/-0.078 χ^2/NDF : 1850918.4/11

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.157 χ^2/NDF : 6.7/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.113 ± 0.157 χ^2/NDF : 7.9/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

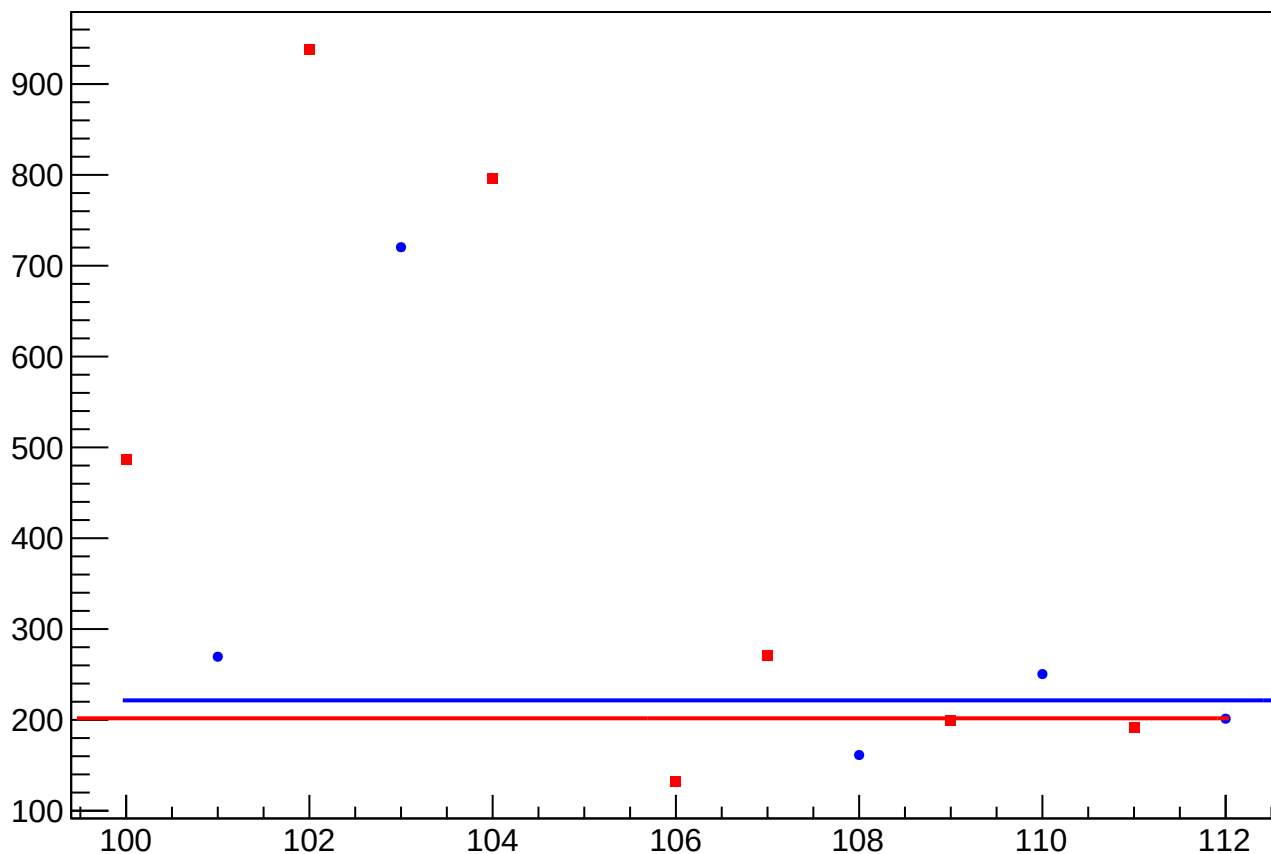
Right: 0.046 ± 0.111 χ^2/NDF : 14.9/11

In: -0.020 ± 0.157 χ^2/NDF : 6.7/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.046 ± 0.111 χ^2/NDF : 14.9/11

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 221.487+/-0.111 χ^2/NDF : 689460.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 201.741+/-0.111 χ^2/NDF : 1145563.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

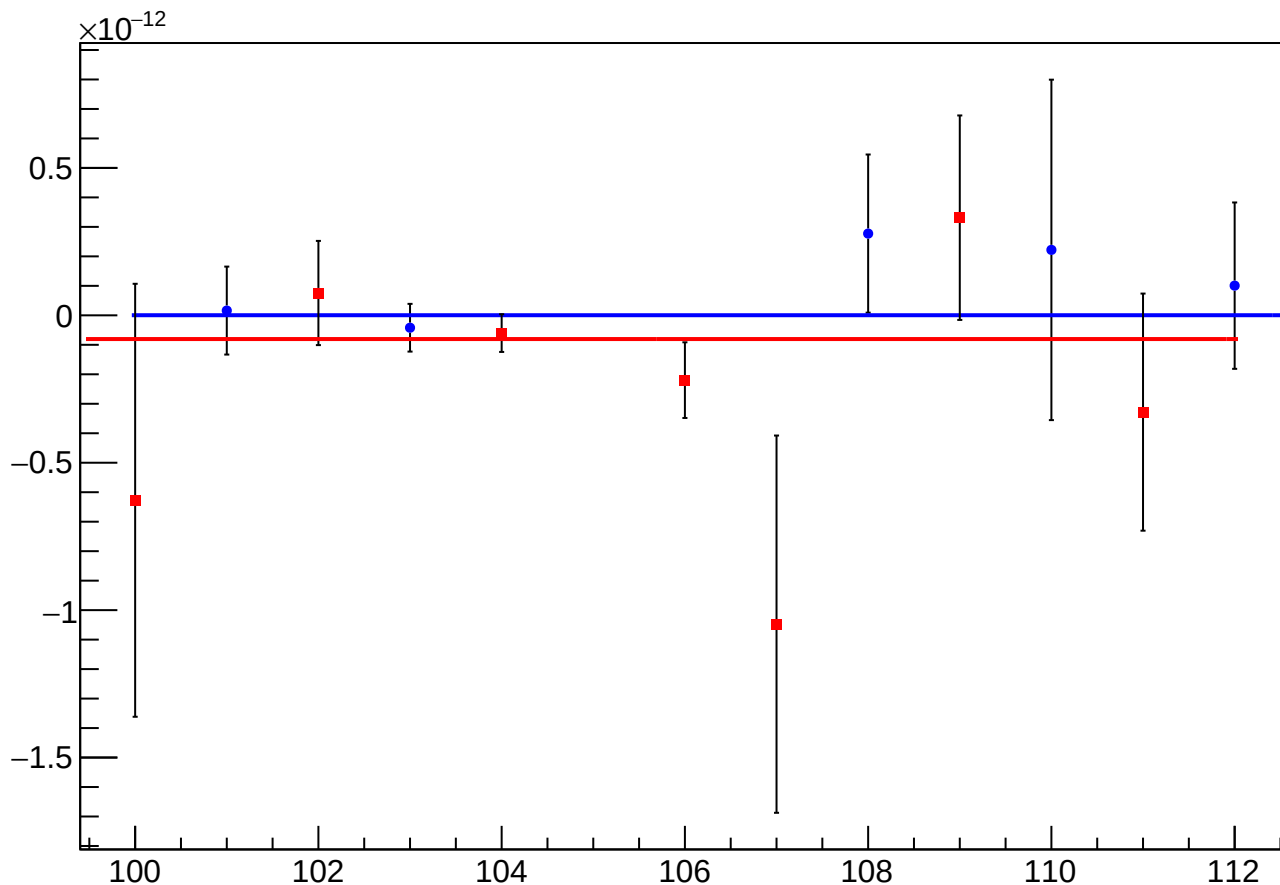
Right: 211.609+/-0.078 χ^2/NDF : 1850918.4/11

In: 221.487+/-0.111 χ^2/NDF : 689460.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 211.609+/-0.078 χ^2/NDF : 1850918.4/11

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 : 1.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

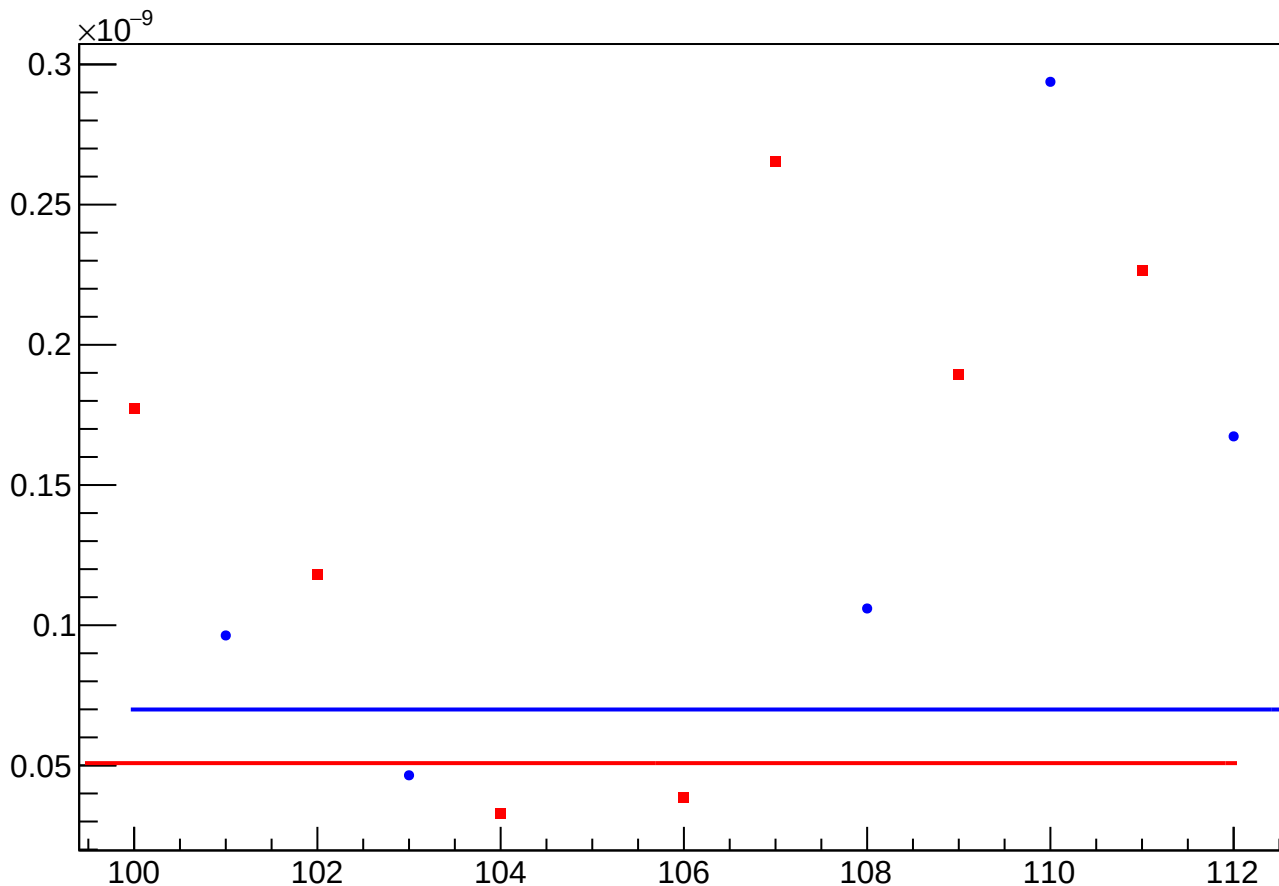
Right: -0.000+/-0.000 χ^2/NDF : 9.2/11

In: 0.000+/-0.000 χ^2/NDF : 1.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.2/11

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 : 805792.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1452760.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

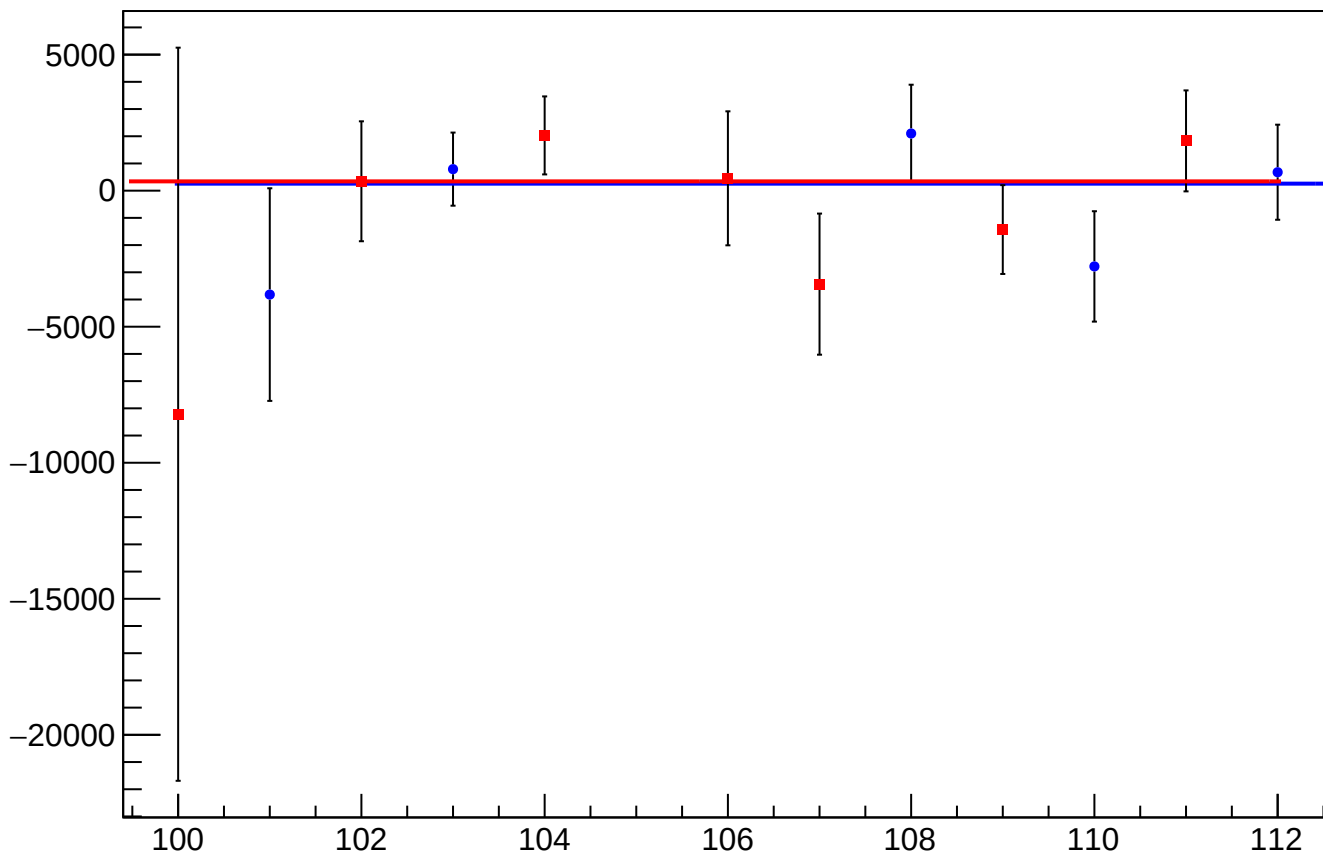
Right: 0.000+/-0.000 χ^2/NDF : 2359926.0/11

In: 0.000+/-0.000 χ^2/NDF : 805792.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2359926.0/11

reg_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 258.093+/-816.193 χ^2/NDF : 4.6/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 341.762+/-772.132 χ^2/NDF : 5.7/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

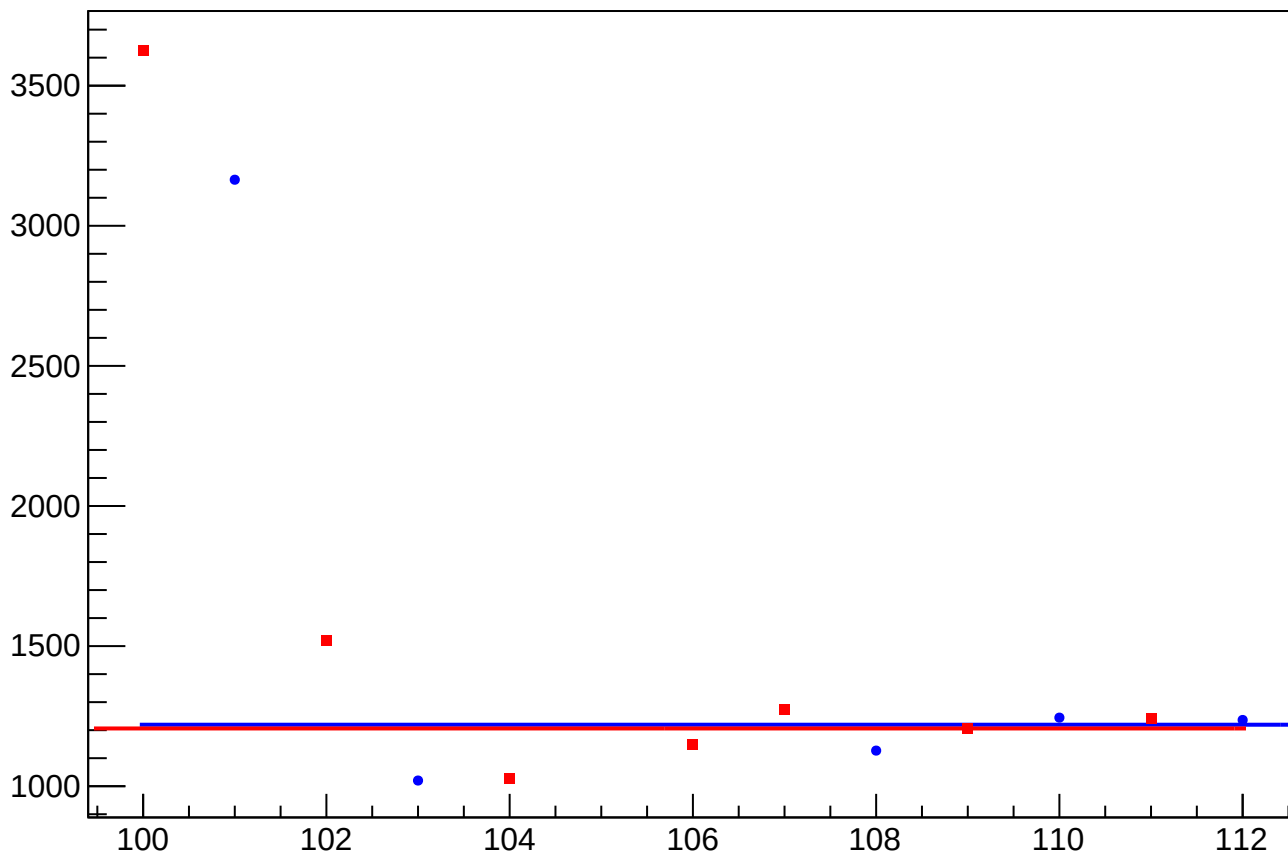
Right: 302.246+/-560.910 χ^2/NDF : 10.4/11

In: 258.093+/-816.193 χ^2/NDF :4.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 302.246+/-560.910 χ^2/NDF : 10.4/11

reg_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1219.437+/-0.577 χ^2/NDF : 545286.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1206.072+/-0.543 χ^2/NDF : 140017.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

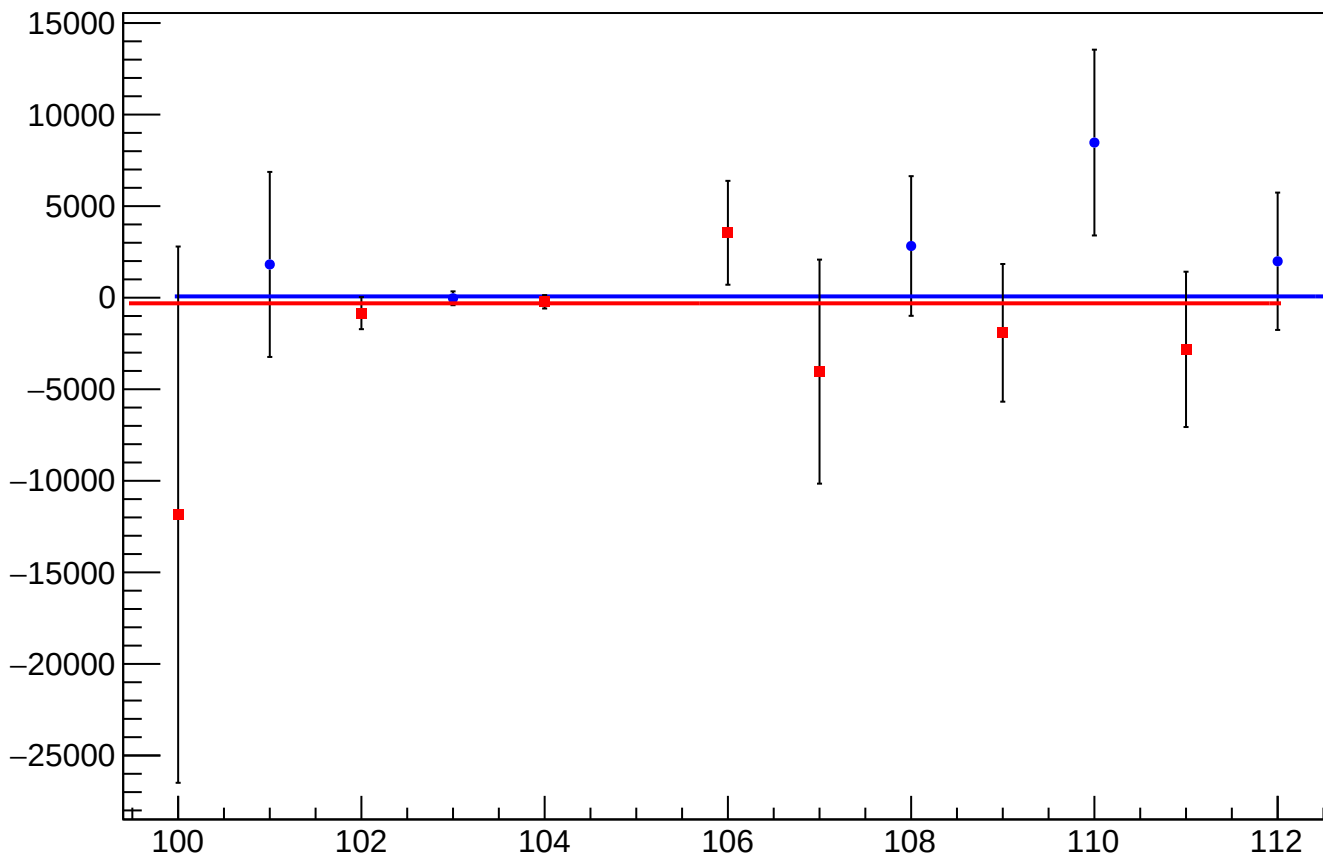
Right: 1212.345+/-0.395 χ^2/NDF : 685588.6/11

In: 1219.437+/-0.577 χ^2/NDF : 545286.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1212.345+/-0.395 χ^2/NDF : 685588.6/11

asym_us_avg_atlr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 70.343+/-371.878 χ^2/NDF : 3.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -307.652+/-332.588 χ^2/NDF : 3.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

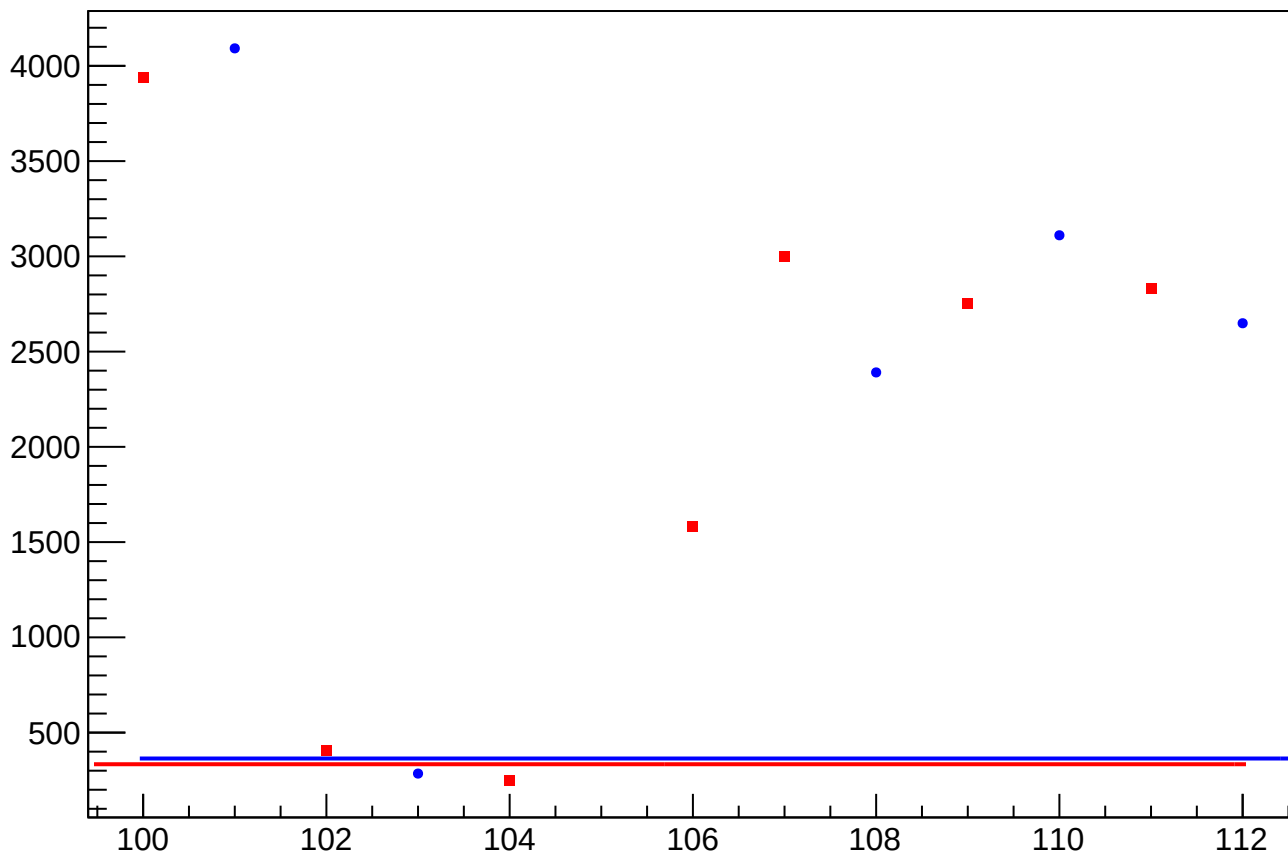
Right: -139.671+/-247.907 χ^2/NDF : 8.1/11

In: 70.343+/-371.878 χ^2/NDF : 3.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -139.671+/-247.907 χ^2/NDF : 8.1/11

asym_us_avg_atlr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 363.982+/-0.263 χ^2/NDF : 3070302.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 333.924+/-0.235 χ^2/NDF : 2535583.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

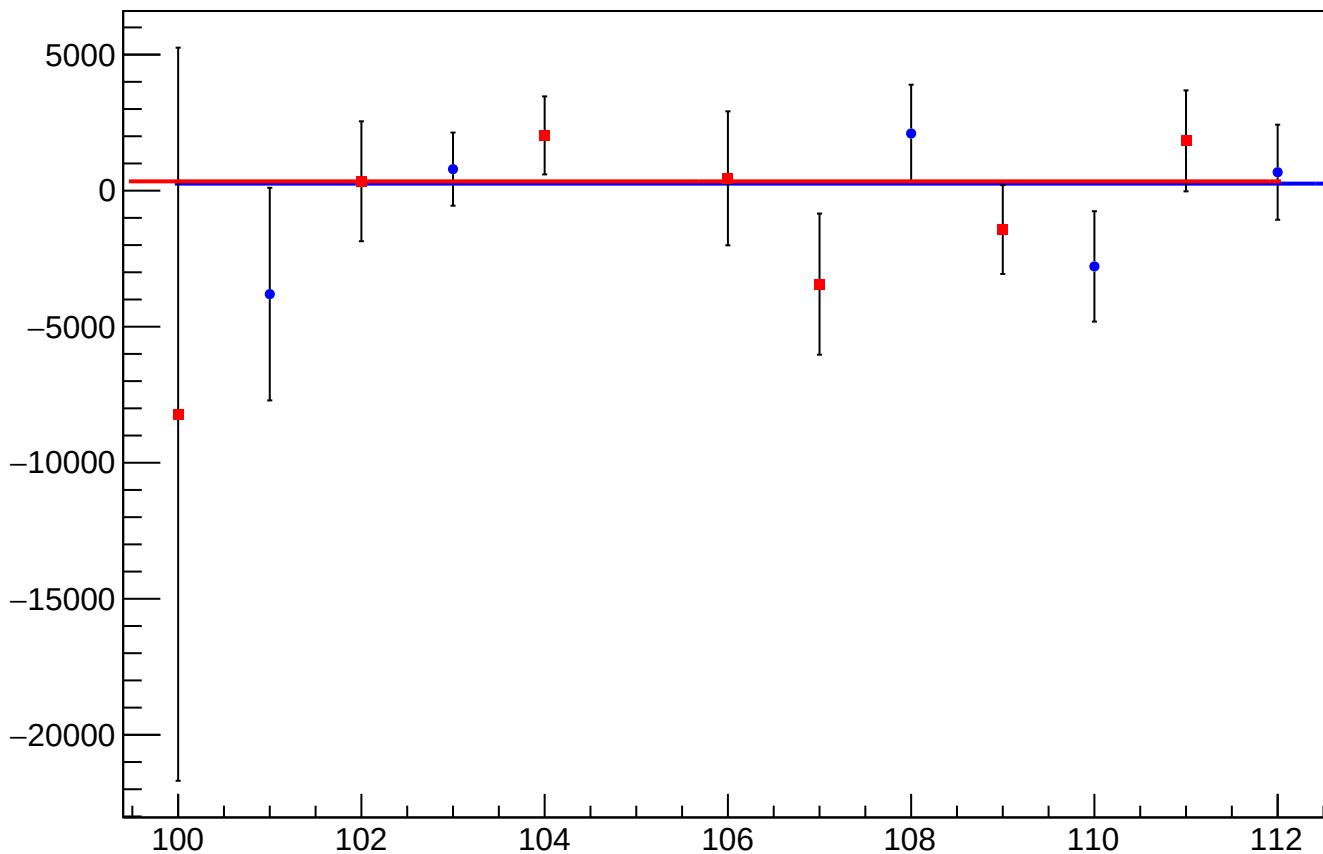
Right: 347.281+/-0.175 χ^2/NDF : 5613146.2/11

In: 363.982+/-0.263 χ^2/NDF : 3070302.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 347.281+/-0.175 χ^2/NDF : 5613146.2/11

cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 258.794+/-816.194 χ^2/NDF : 4.6/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 342.065+/-772.132 χ^2/NDF : 5.7/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

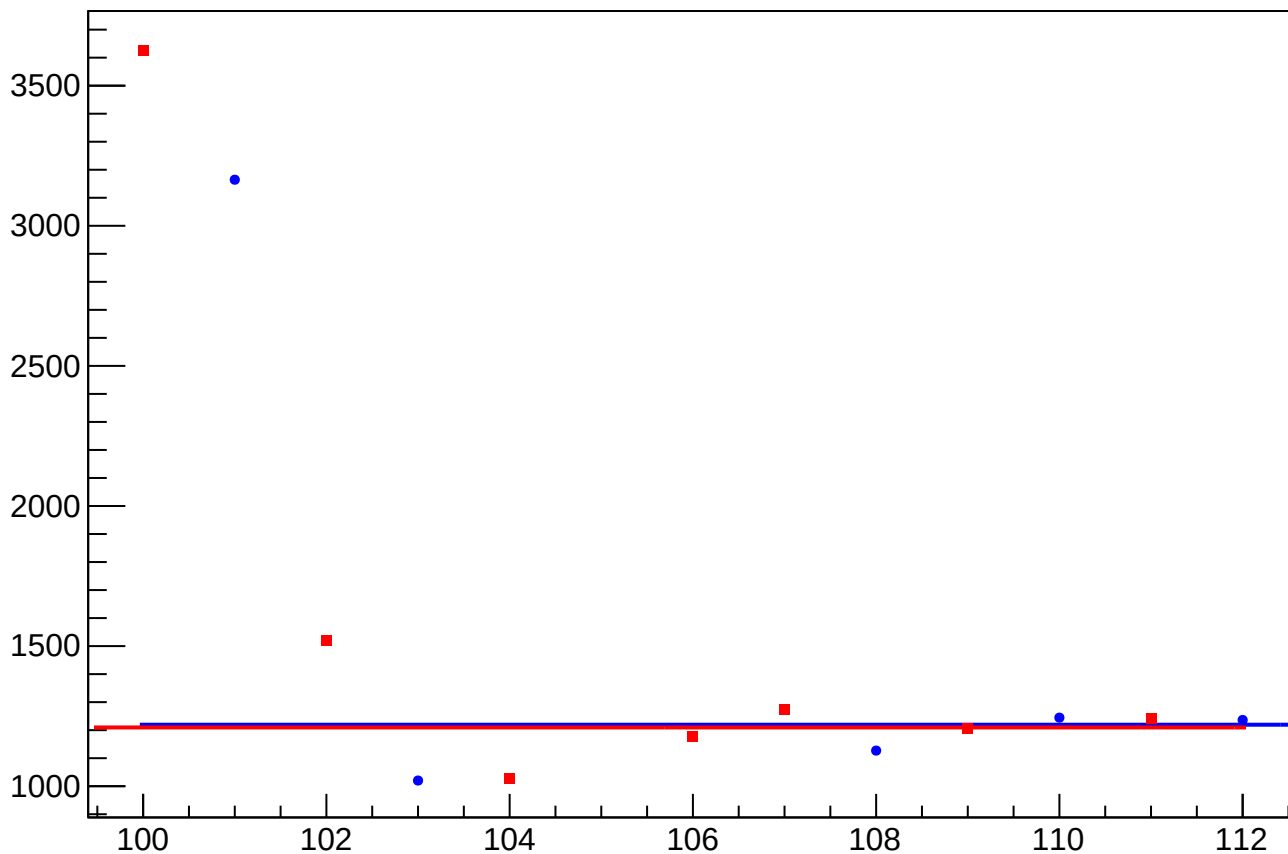
Right: 302.737+/-560.910 χ^2/NDF : 10.3/11

In: 258.794+/-816.194 χ^2/NDF :4.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 302.737+/-560.910 χ^2/NDF : 10.3/11

cor_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1219.437+/-0.577 χ^2/NDF : 545288.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1209.706+/-0.545 χ^2/NDF : 138962.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

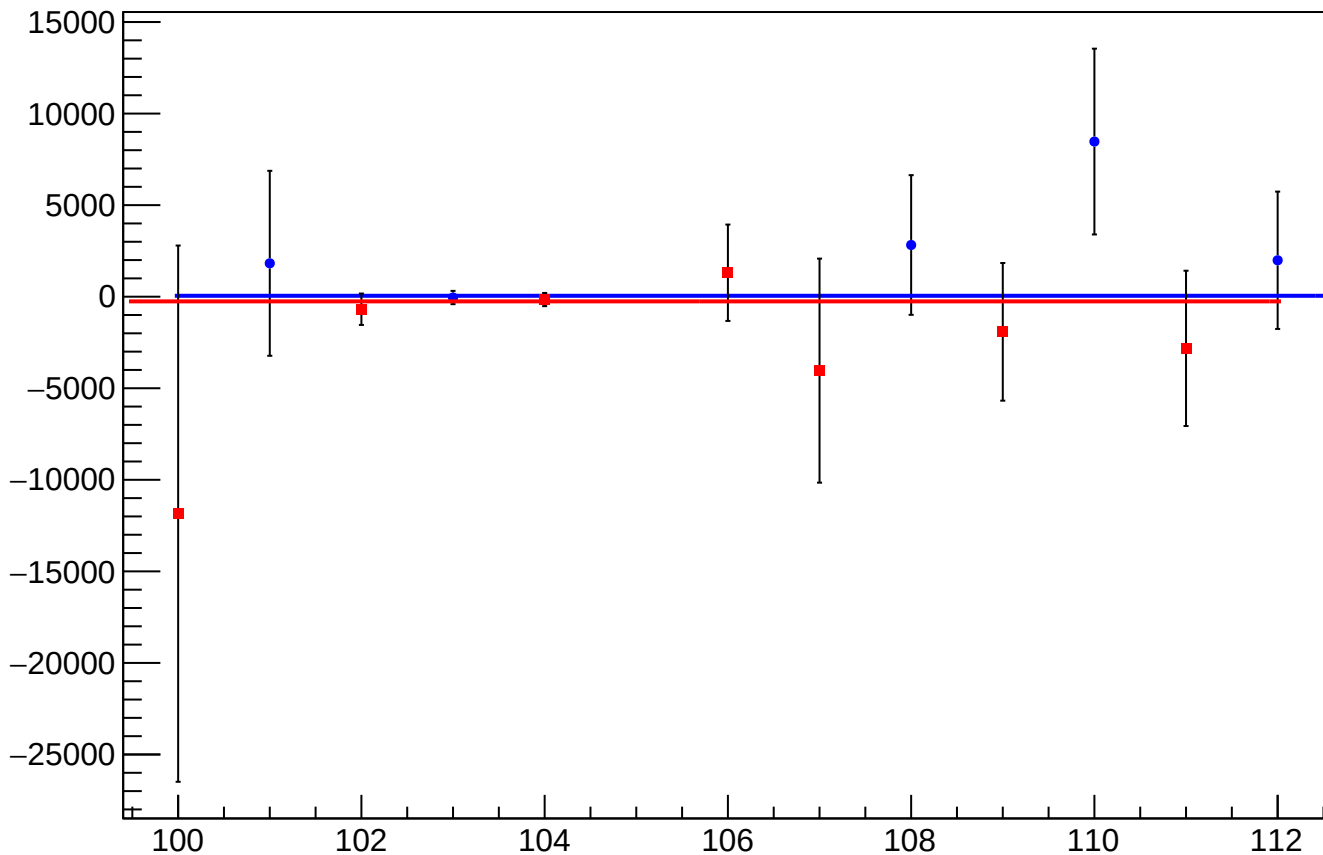
Right: 1214.293+/-0.396 χ^2/NDF : 684401.0/11

In: 1219.437+/-0.577 χ^2/NDF : 545288.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1214.293+/-0.396 χ^2/NDF : 684401.0/11

asym_us_avg_atlr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 49.955+/-357.188 χ^2/NDF : 3.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -255.886+/-326.920 χ^2/NDF : 2.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

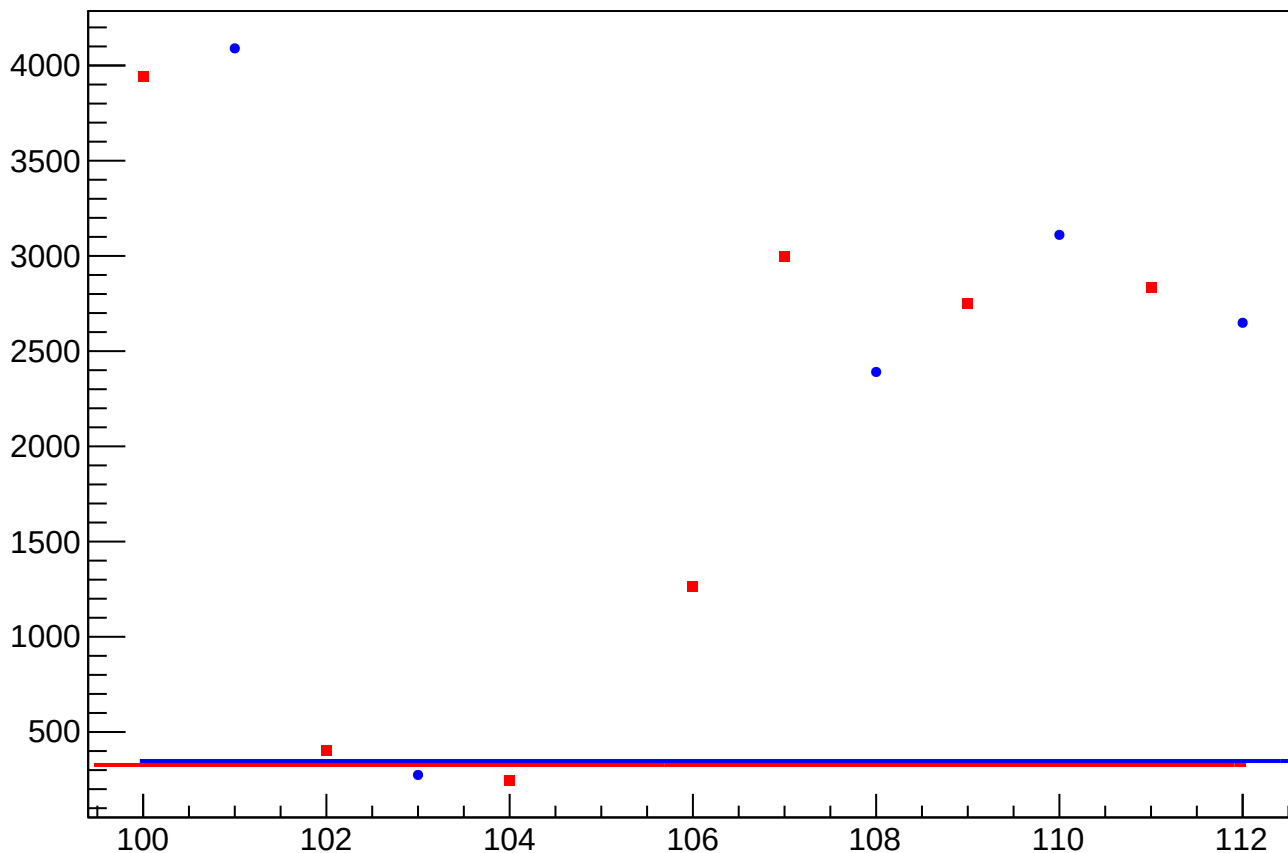
Right: -116.470+/-241.159 χ^2/NDF : 6.4/11

In: 49.955+/-357.188 χ^2/NDF : 3.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -116.470+/-241.159 χ^2/NDF : 6.4/11

asym_us_avg_atlr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 347.812 $\pm$ 0.253 χ^2 /NDF: 3100227.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 326.958 $\pm$ 0.231 χ^2 /NDF: 2409154.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

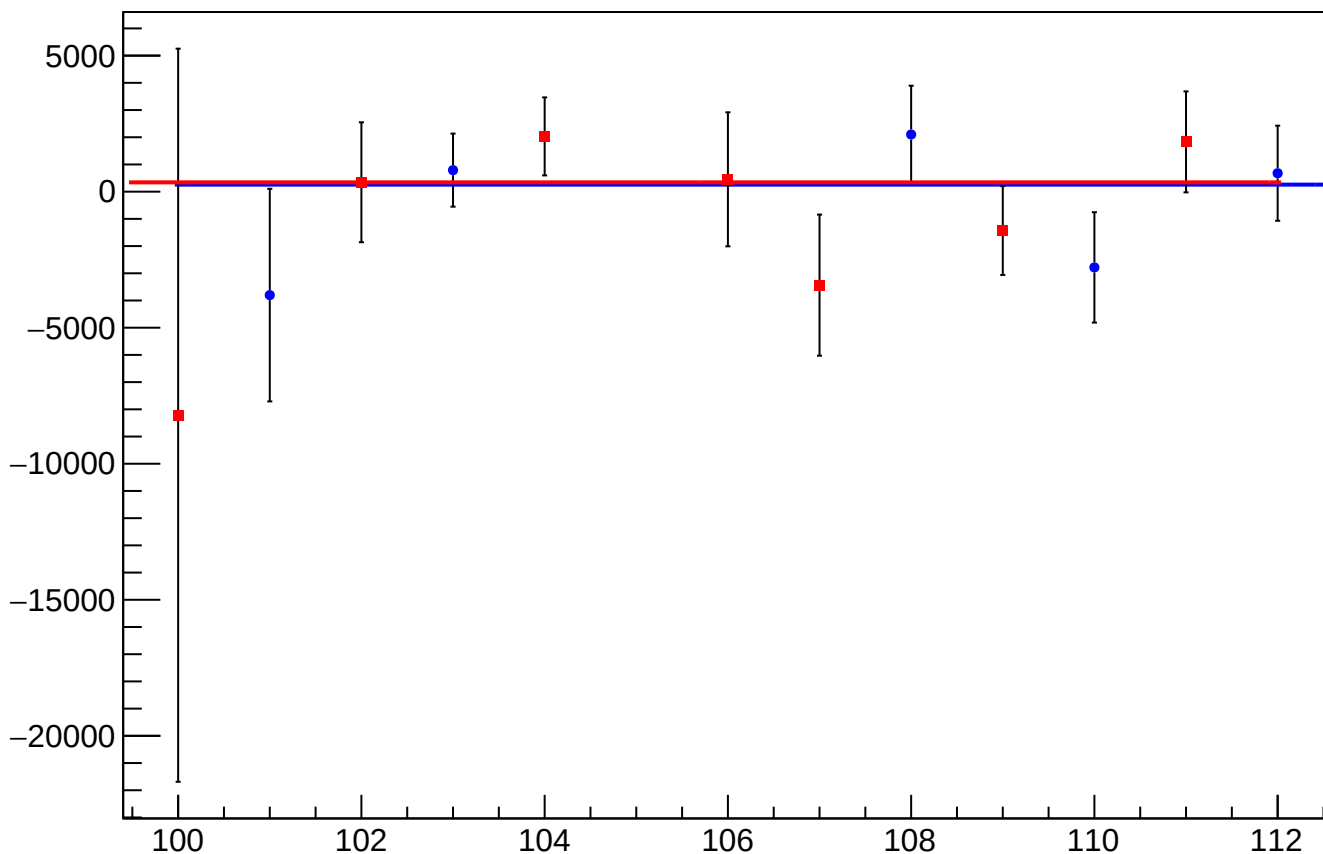
Right: 336.464 $\pm$ 0.171 χ^2 /NDF: 5513092.2/11

In: 347.812 $\pm$ 0.253 χ^2 /NDF:3100227.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 336.464 $\pm$ 0.171 χ^2 /NDF: 5513092.2/11

eigen_cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 258.794+/-816.194 χ^2/NDF : 4.6/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 342.065+/-772.132 χ^2/NDF : 5.7/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

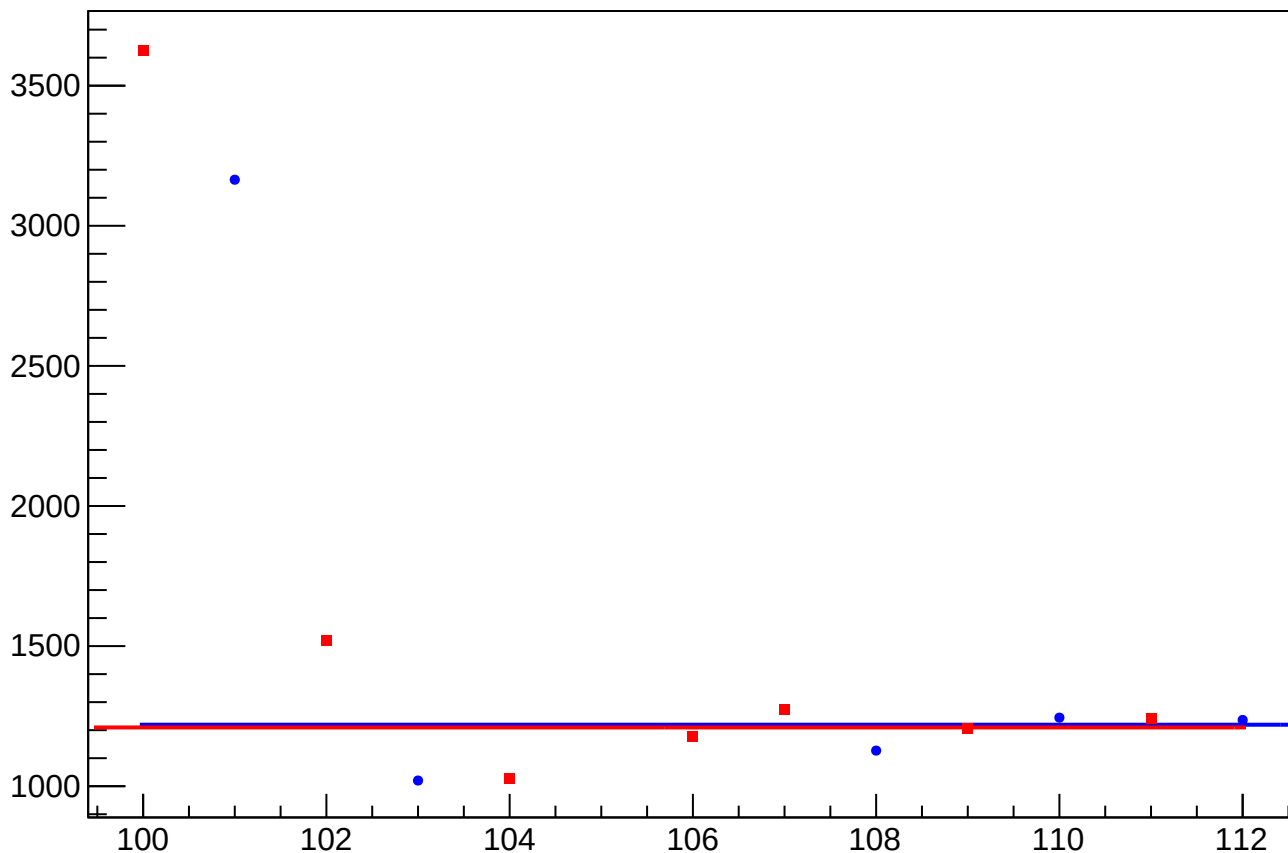
Right: 302.737+/-560.910 χ^2/NDF : 10.3/11

In: 258.794+/-816.194 χ^2/NDF :4.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 302.737+/-560.910 χ^2/NDF : 10.3/11

eigen_cor_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1219.437+/-0.577 χ^2/NDF : 545288.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1209.706+/-0.545 χ^2/NDF : 138962.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

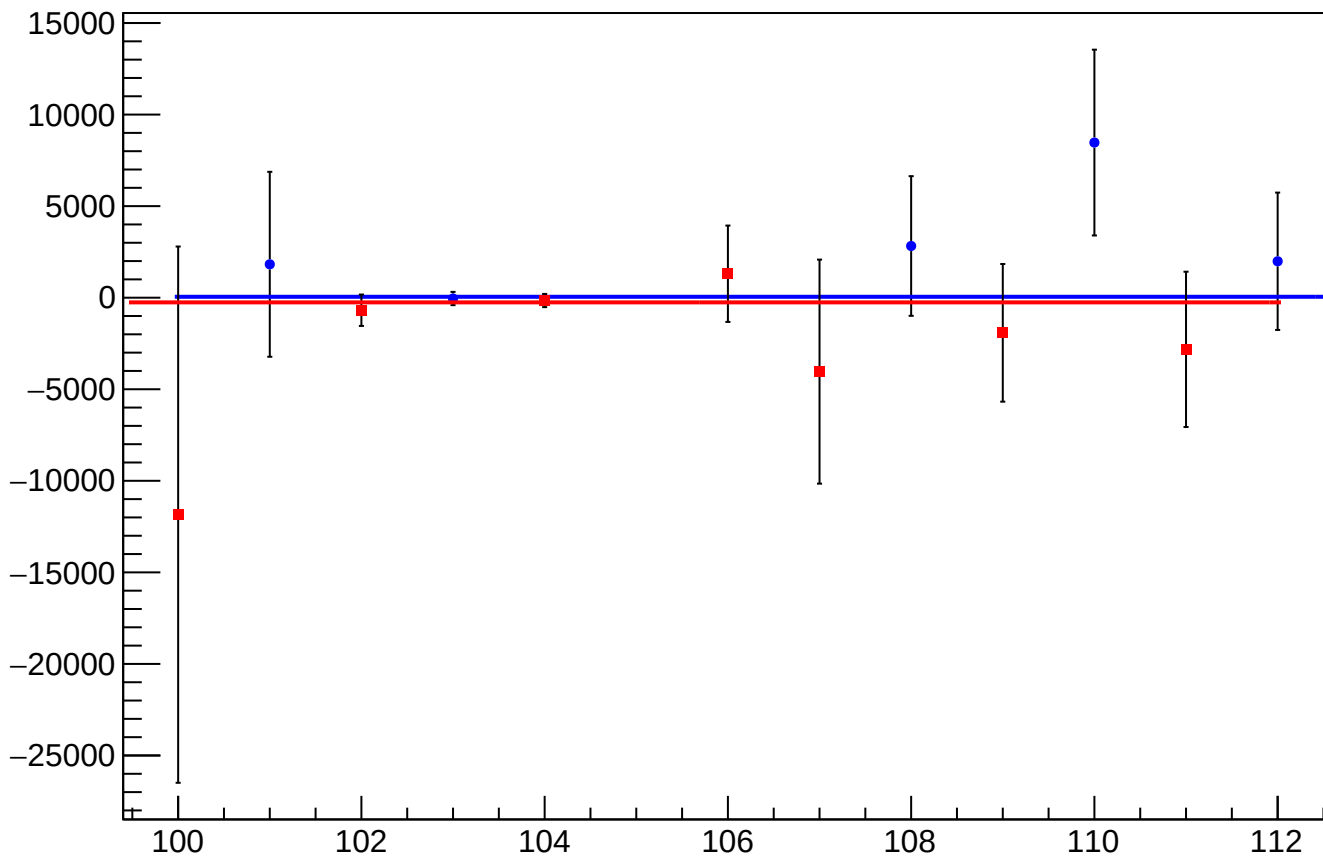
Right: 1214.293+/-0.396 χ^2/NDF : 684401.0/11

In: 1219.437+/-0.577 χ^2/NDF : 545288.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1214.293+/-0.396 χ^2/NDF : 684401.0/11

asym_us_avg_atlr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 49.955+/-357.188 χ^2/NDF : 3.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -255.886+/-326.920 χ^2/NDF : 2.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

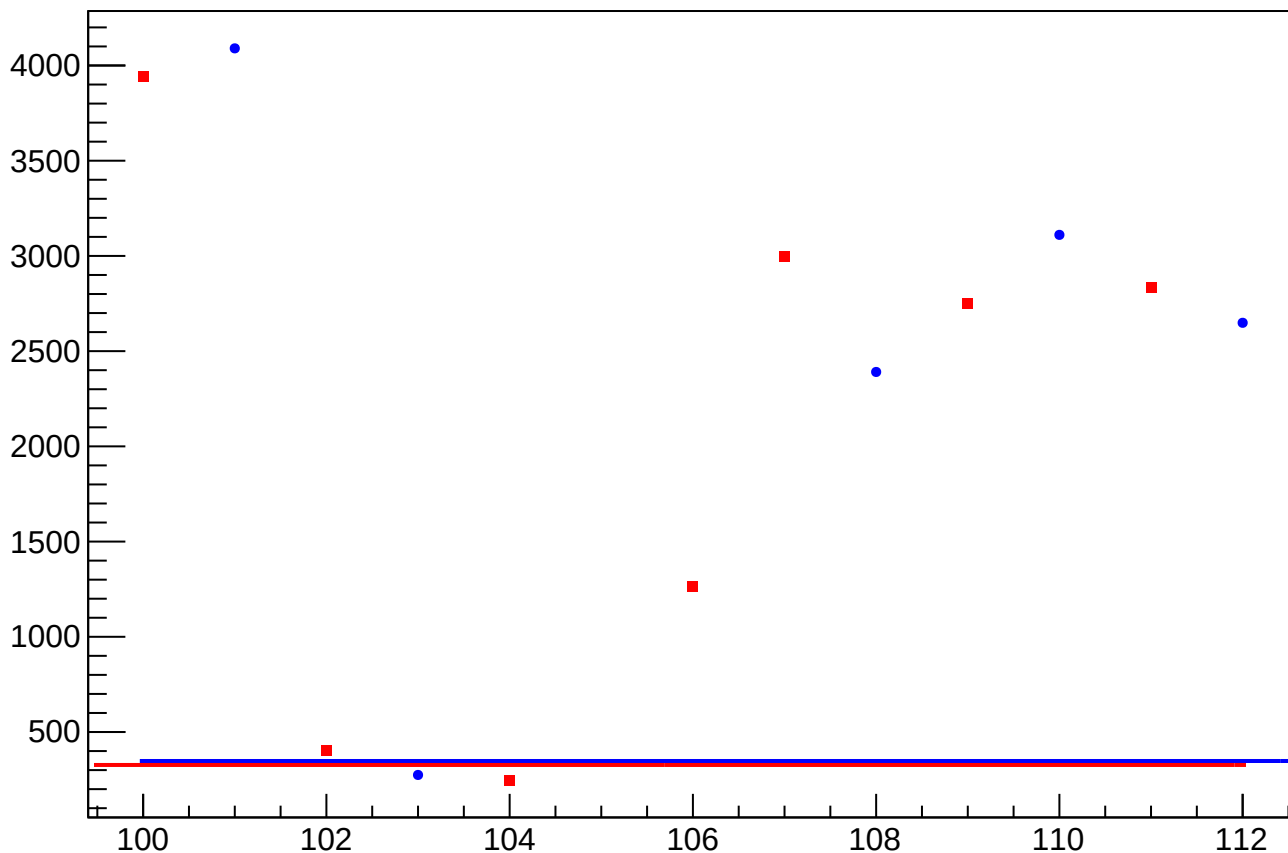
Right: -116.470+/-241.159 χ^2/NDF : 6.4/11

In: 49.955+/-357.188 χ^2/NDF : 3.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -116.470+/-241.159 χ^2/NDF : 6.4/11

asym_us_avg_atlr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 347.812 $\pm$ 0.253 χ^2 /NDF: 3100227.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 326.958 $\pm$ 0.231 χ^2 /NDF: 2409154.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

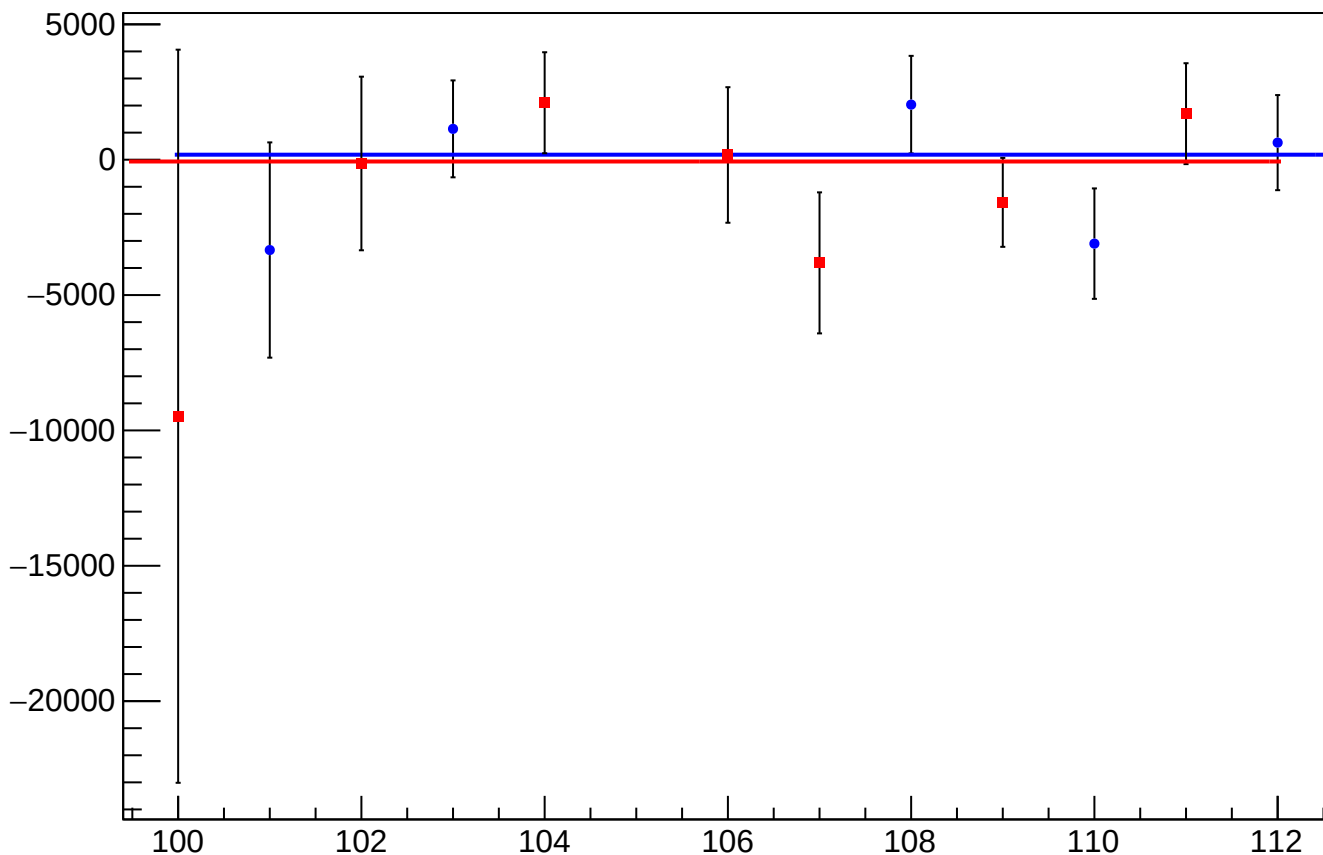
Right: 336.464 $\pm$ 0.171 χ^2 /NDF: 5513092.2/11

In: 347.812 $\pm$ 0.253 χ^2 /NDF:3100227.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 336.464 $\pm$ 0.171 χ^2 /NDF: 5513092.2/11

dit_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 184.878+/-895.127 χ^2/NDF : 4.8/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -66.109+/-858.871 χ^2/NDF : 5.7/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

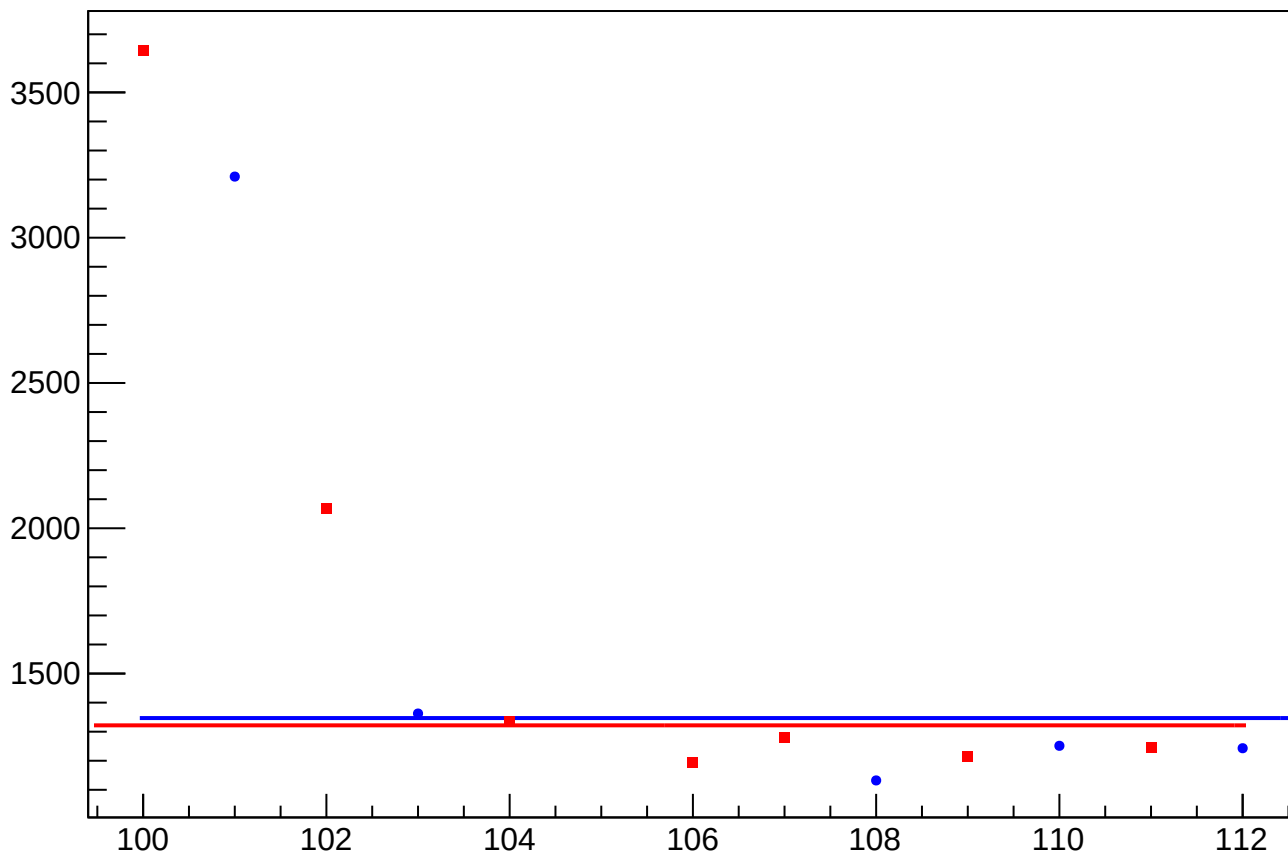
Right: 54.199+/-619.735 χ^2/NDF : 10.5/11

In: 184.878+/-895.127 χ^2/NDF :4.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 54.199+/-619.735 χ^2/NDF : 10.5/11

dit_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1346.879+/-0.633 χ^2/NDF : 479254.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1321.796+/-0.606 χ^2/NDF : 184805.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

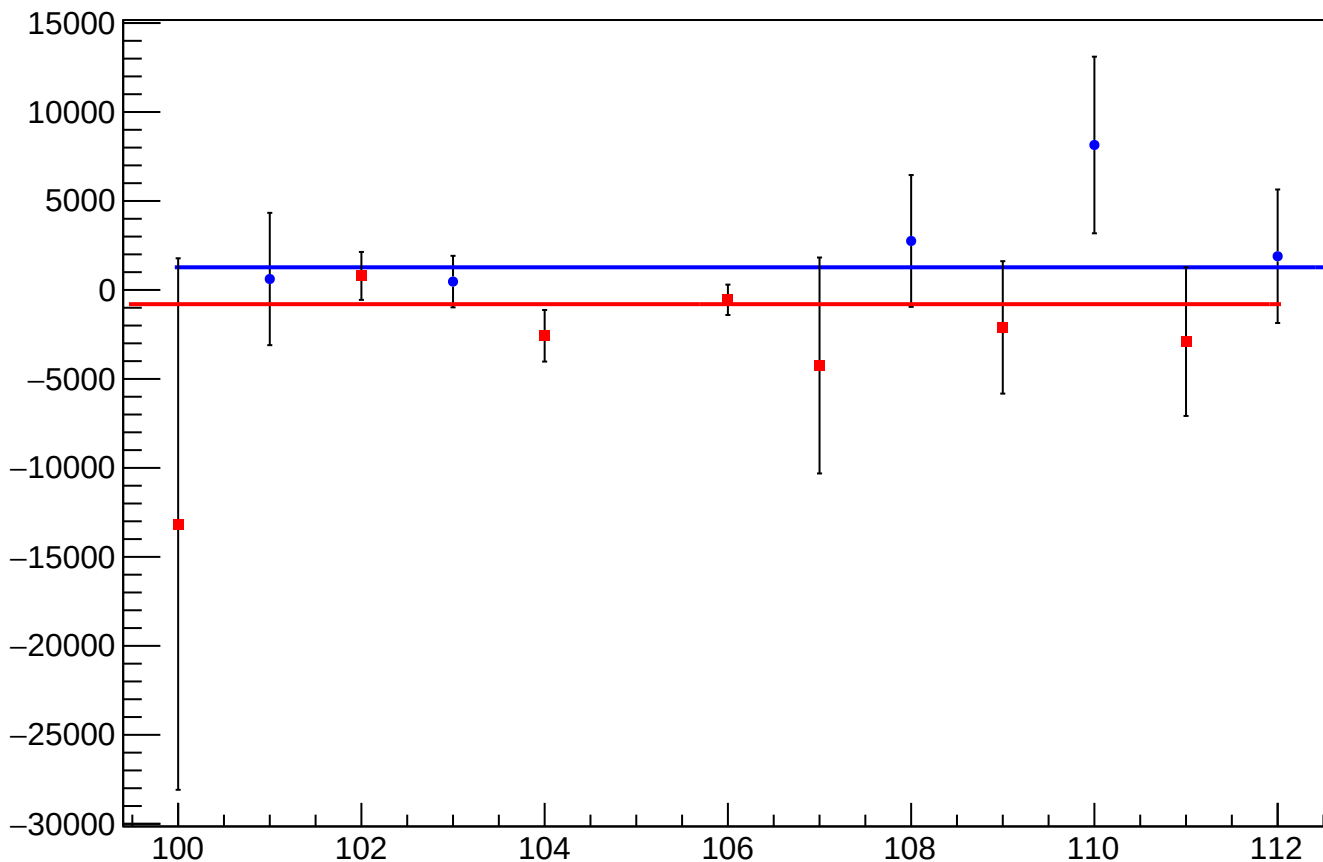
Right: 1333.797+/-0.438 χ^2/NDF : 664879.3/11

In: 1346.879+/-0.633 χ^2/NDF : 479254.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1333.797+/-0.438 χ^2/NDF : 664879.3/11

asym_us_avg_atlr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1273.859+/-1167.098 χ^2/NDF : 2.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -798.482+/-624.991 χ^2/NDF : 4.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

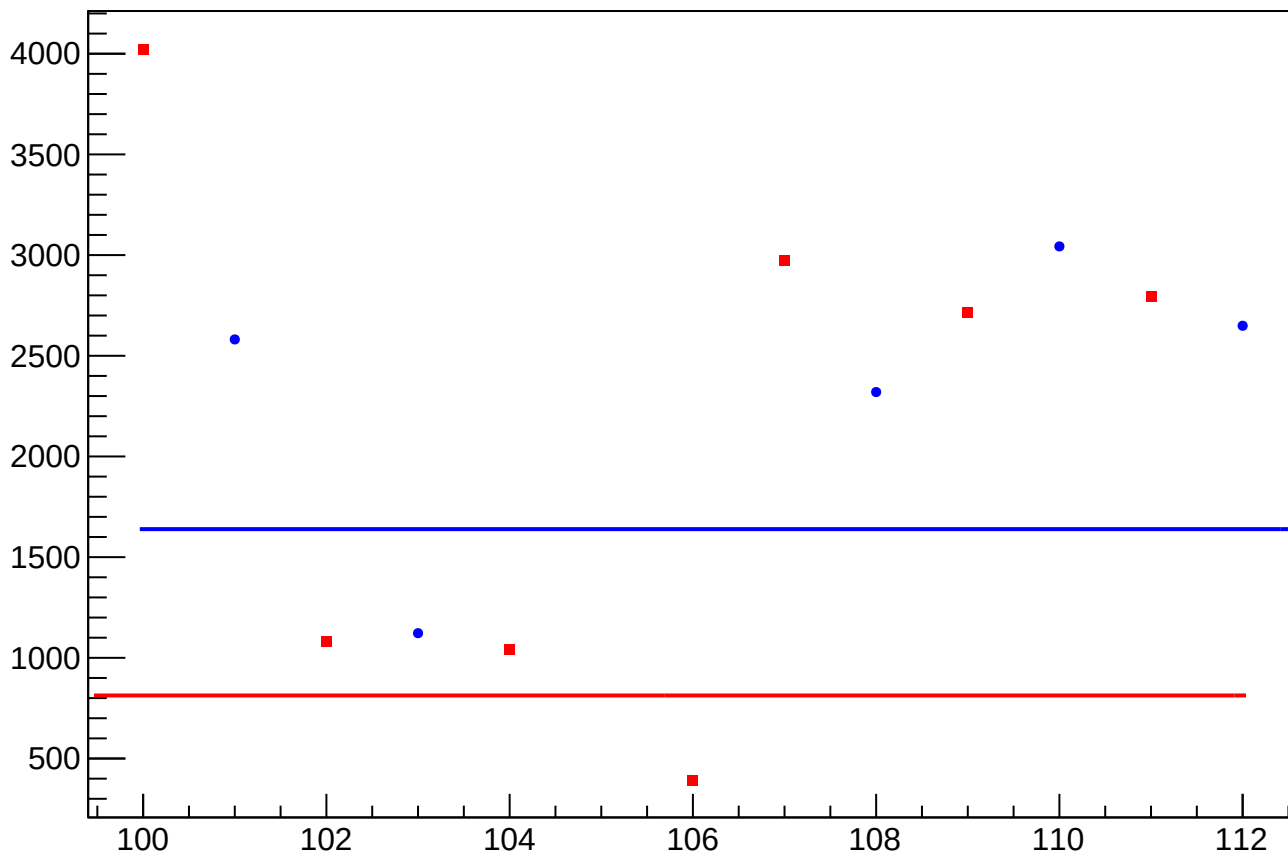
Right: -336.640+/-550.964 χ^2/NDF : 9.3/11

In: 1273.859+/-1167.098 χ^2/NDF : 2.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -336.640+/-550.964 χ^2/NDF : 9.3/11

asym_us_avg_atlr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1639.119+/-0.825 χ^2/NDF : 755772.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 813.158+/-0.442 χ^2/NDF : 1938868.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

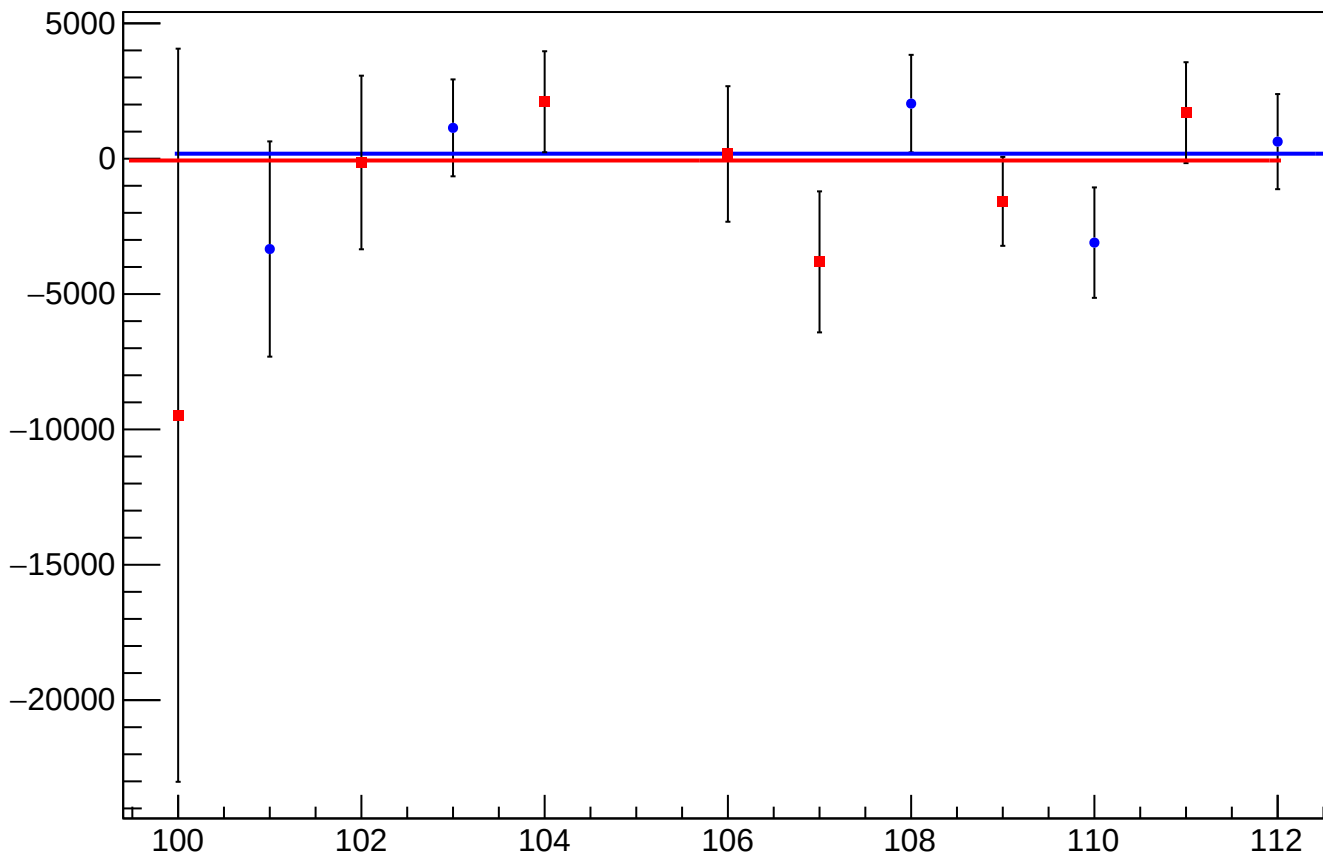
Right: 997.232+/-0.390 χ^2/NDF : 3473097.1/11

In: 1639.119+/-0.825 χ^2/NDF : 755772.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 997.232+/-0.390 χ^2/NDF : 3473097.1/11

eigen_dit_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 184.874+/-895.127 χ^2/NDF : 4.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -66.112+/-858.871 χ^2/NDF : 5.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

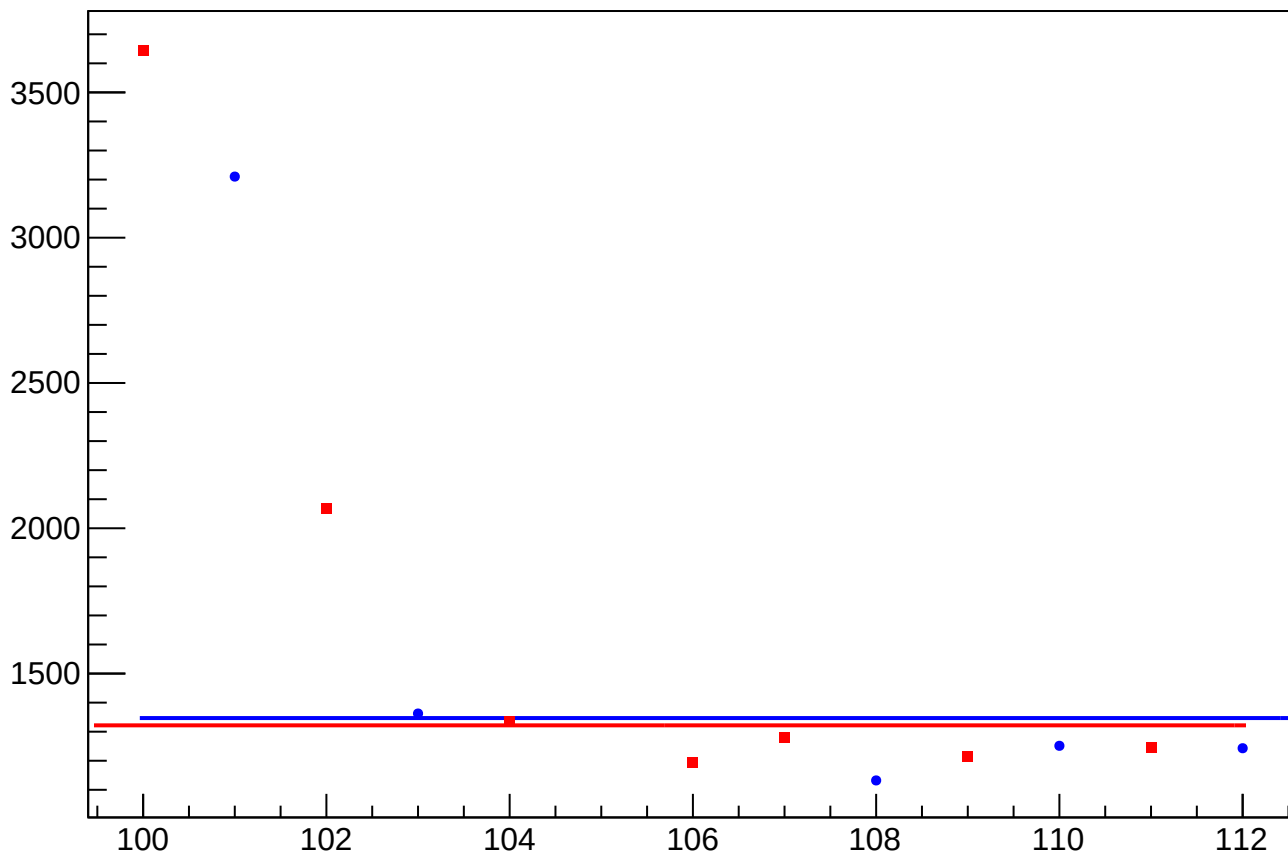
Right: 54.195+/-619.735 χ^2/NDF : 10.5/11

In: 184.874+/-895.127 χ^2/NDF : 4.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.195+/-619.735 χ^2/NDF : 10.5/11

eigen_dit_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1346.879+/-0.633 χ^2/NDF : 479254.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1321.796+/-0.606 χ^2/NDF : 184805.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

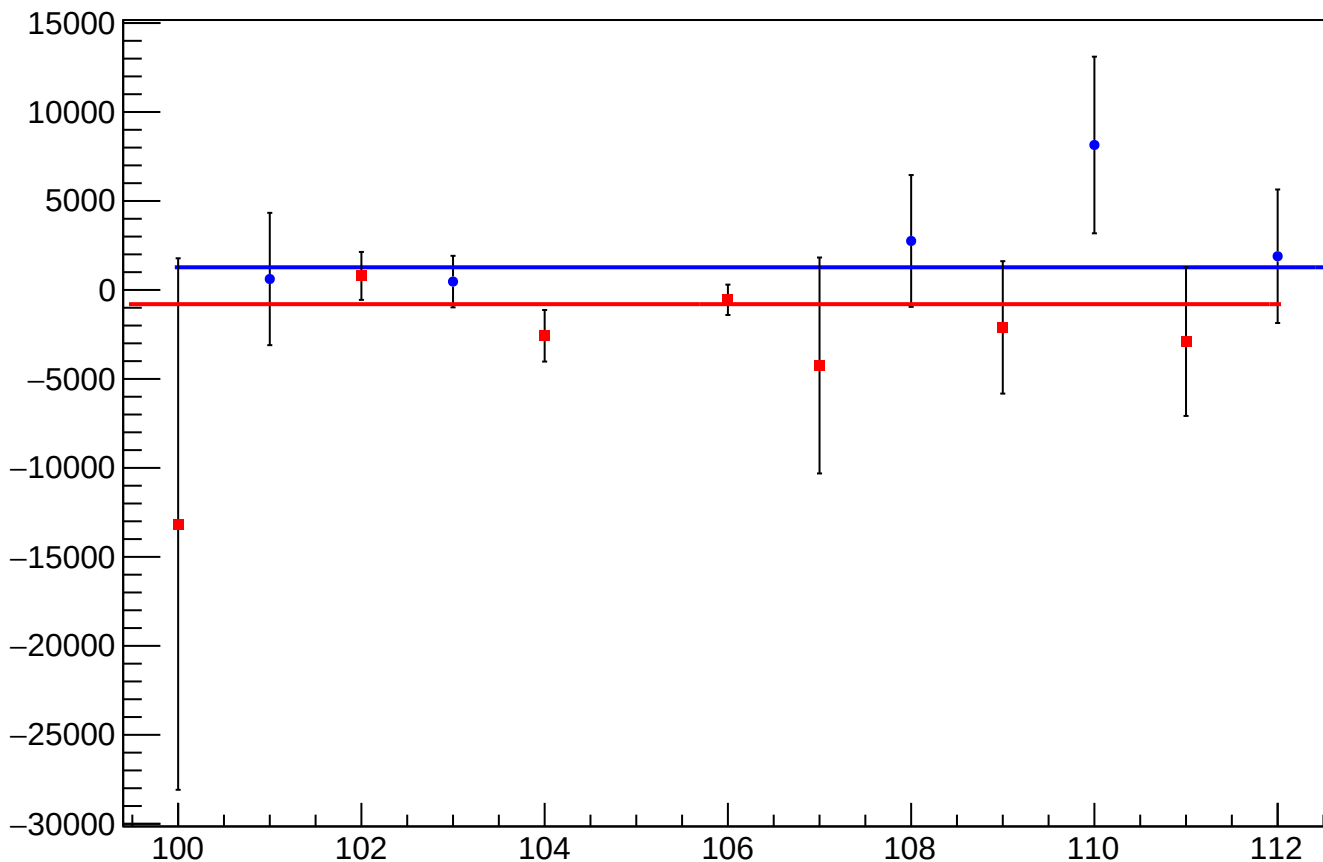
Right: 1333.797+/-0.438 χ^2/NDF : 664879.0/11

In: 1346.879+/-0.633 χ^2/NDF : 479254.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1333.797+/-0.438 χ^2/NDF : 664879.0/11

asym_us_avg_atlr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1273.859+/-1167.097 χ^2/NDF : 2.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -798.473+/-624.982 χ^2/NDF : 4.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

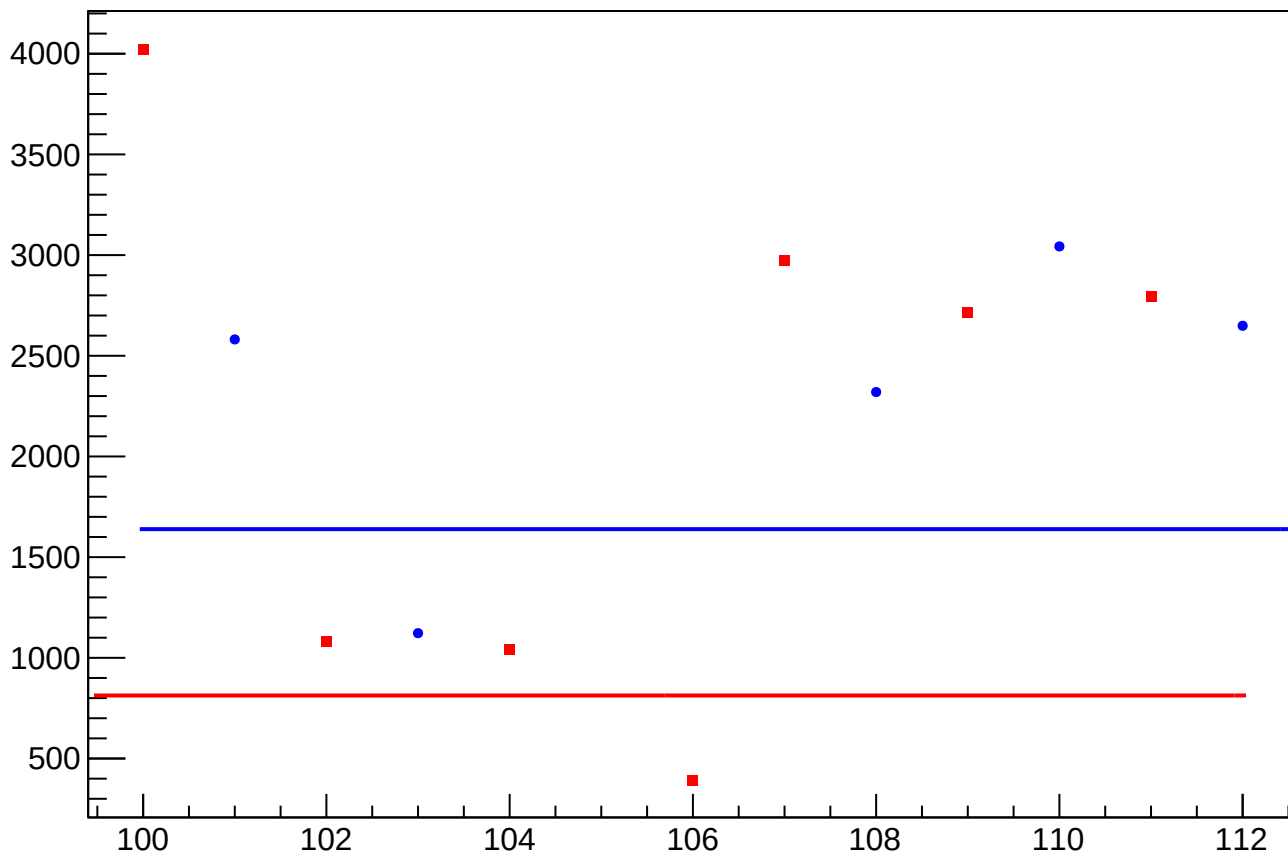
Right: -336.643+/-550.958 χ^2/NDF : 9.3/11

In: 1273.859+/-1167.097 χ^2/NDF : 2.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -336.643+/-550.958 χ^2/NDF : 9.3/11

asym_us_avg_atlr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1639.118+/-0.825 χ^2/NDF : 755771.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 813.139+/-0.442 χ^2/NDF : 1938920.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

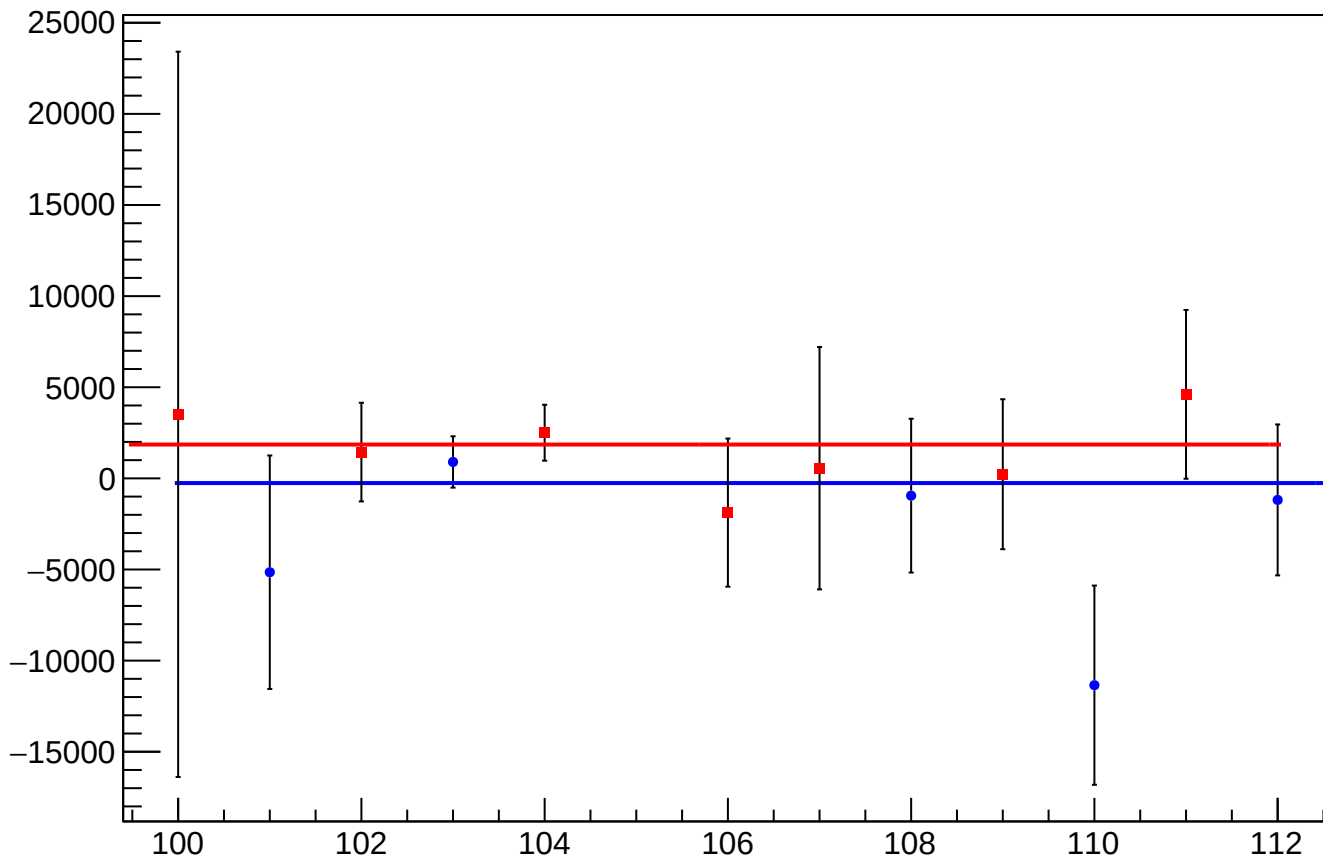
Right: 997.213+/-0.390 χ^2/NDF : 3473186.5/11

In: 1639.118+/-0.825 χ^2/NDF : 755771.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 997.213+/-0.390 χ^2/NDF : 3473186.5/11

asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -256.781+/-1215.995 χ^2/NDF : 5.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1856.413+/-1152.283 χ^2/NDF : 1.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

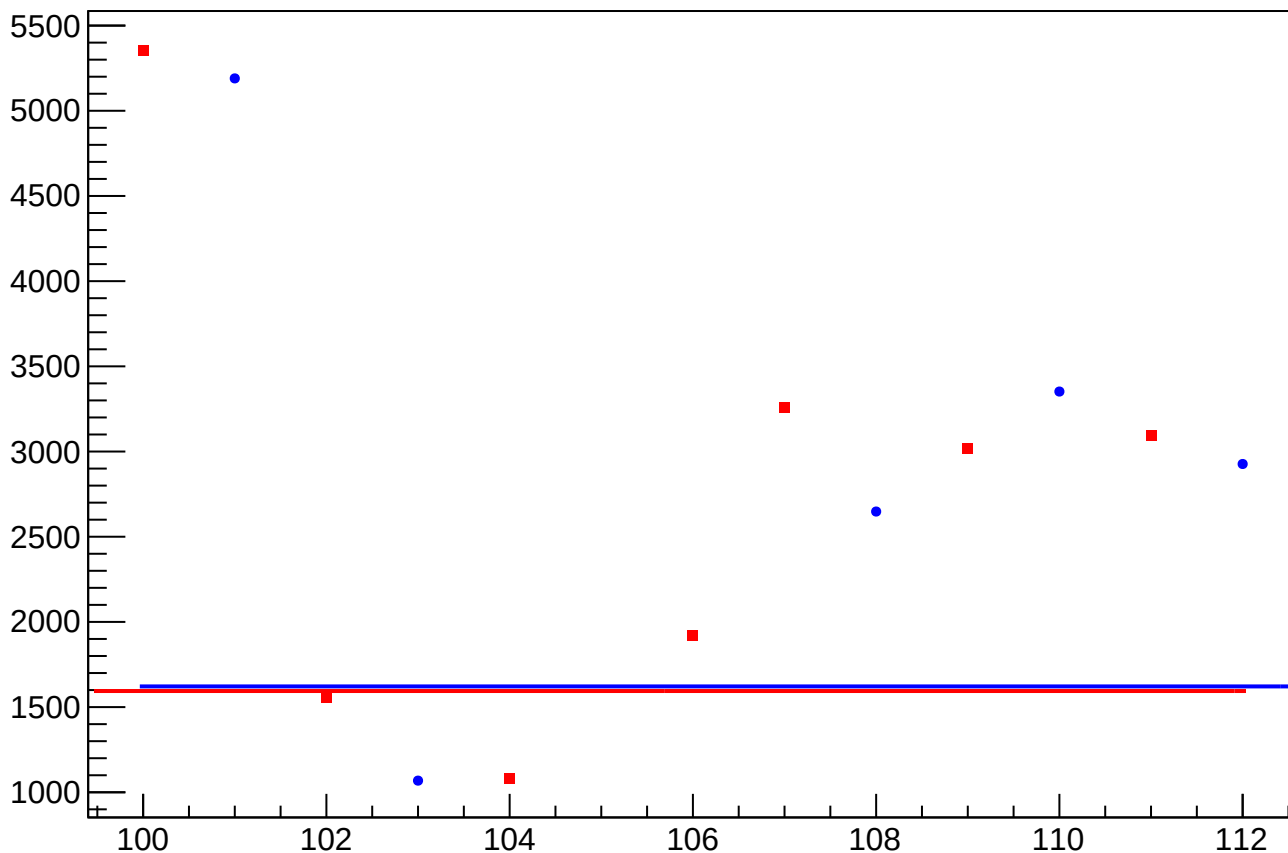
Right: 856.625+/-836.404 χ^2/NDF : 8.6/11

In: -256.781+/-1215.995 χ^2/NDF : 5.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 856.625+/-836.404 χ^2/NDF : 8.6/11

asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1621.406+/-0.860 χ^2/NDF : 1446674.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1594.423+/-0.812 χ^2/NDF : 883964.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

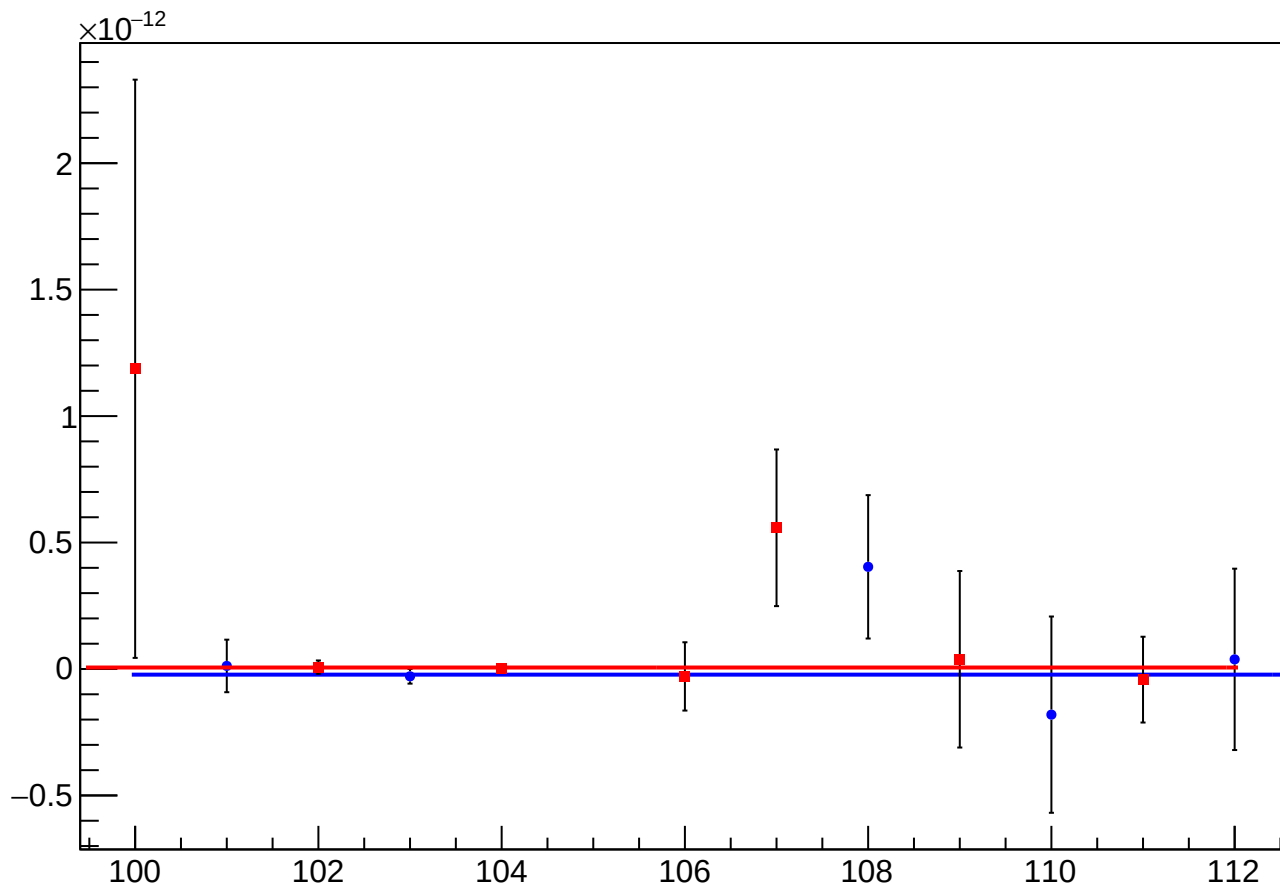
Right: 1607.136+/-0.590 χ^2/NDF : 2331160.0/11

In: 1621.406+/-0.860 χ^2/NDF : 1446674.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1607.136+/-0.590 χ^2/NDF : 2331160.0/11

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

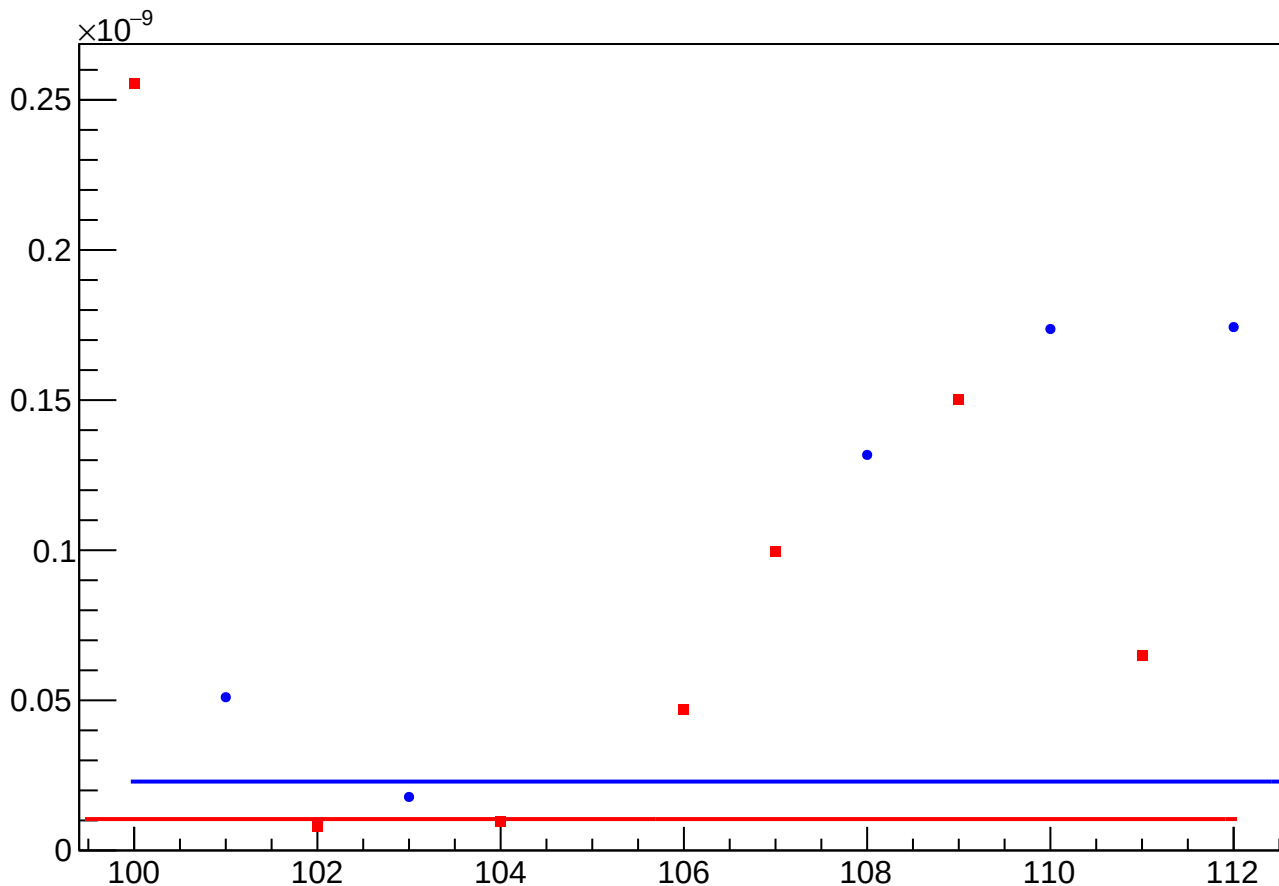
Right: -0.000+/-0.000 χ^2/NDF : 7.8/11

In: -0.000+/-0.000 χ^2/NDF : 2.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.8/11

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1161957.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 951061.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

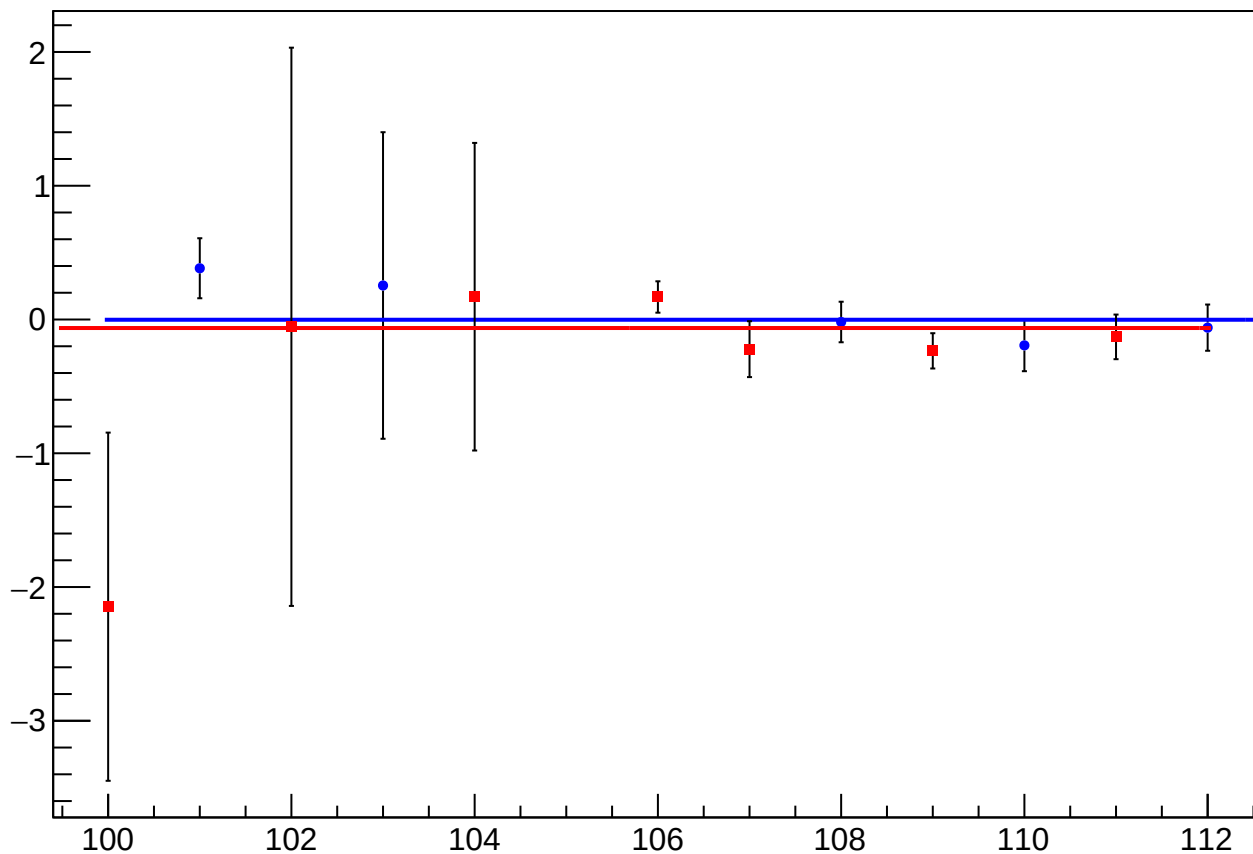
Right: 0.000+/-0.000 χ^2/NDF : 2428741.9/11

In: 0.000+/-0.000 χ^2/NDF : 1161957.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2428741.9/11

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.090 χ^2 /NDF: 4.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.064 $\pm$ 0.072 χ^2 /NDF: 8.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

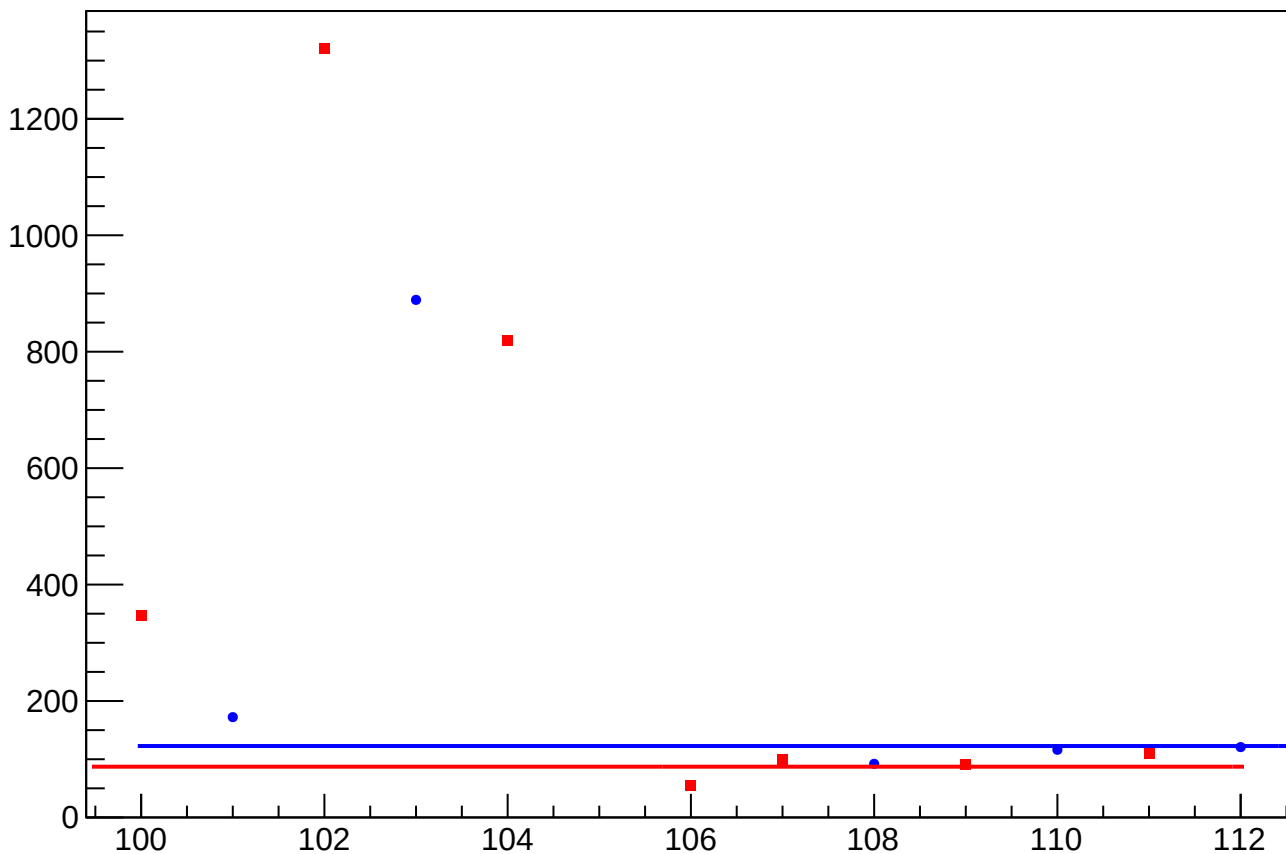
Right: -0.039 $\pm$ 0.056 χ^2 /NDF: 13.3/11

In: -0.002 $\pm$ 0.090 χ^2 /NDF:4.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.039 $\pm$ 0.056 χ^2 /NDF: 13.3/11

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 122.703+/-0.063 χ^2/NDF : 1076252.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.213+/-0.051 χ^2/NDF : 1785564.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

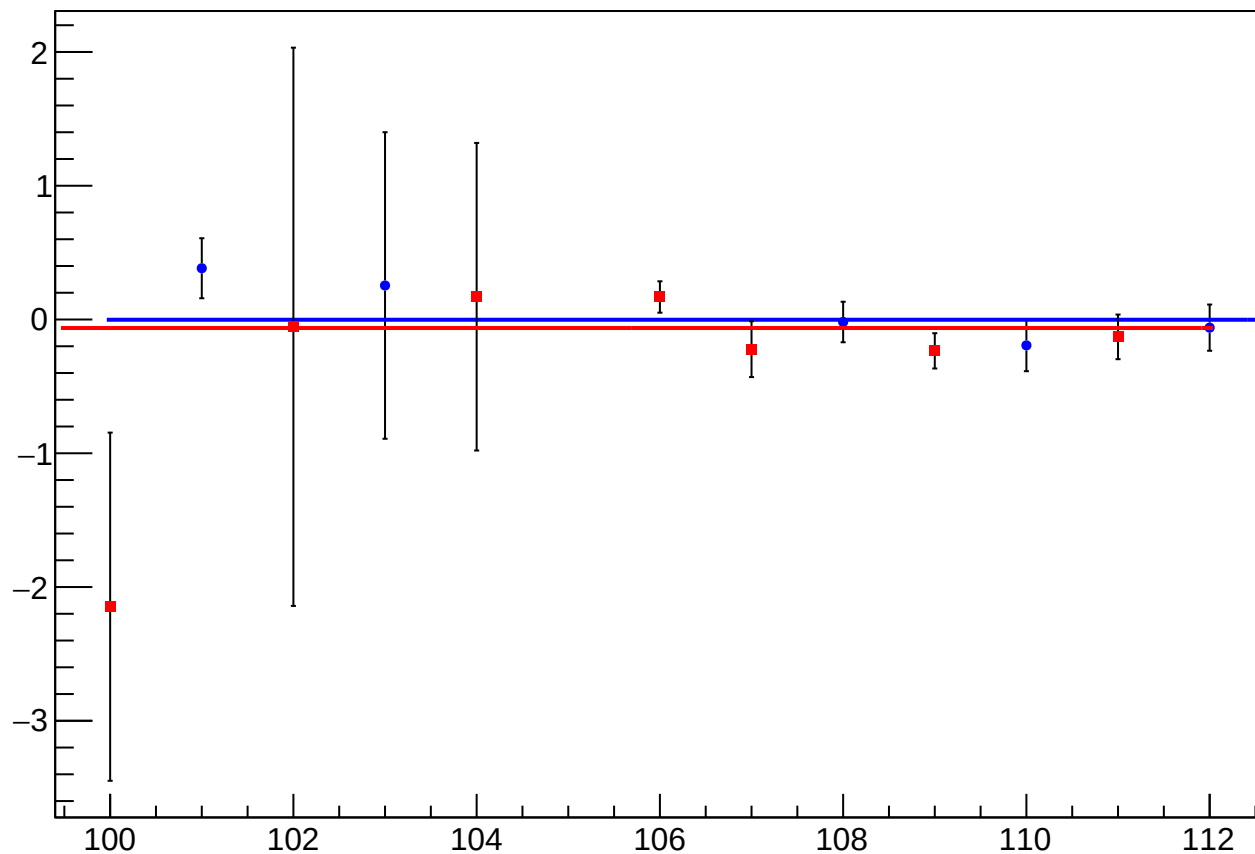
Right: 101.233+/-0.040 χ^2/NDF : 3051513.2/11

In: 122.703+/-0.063 χ^2/NDF : 1076252.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.233+/-0.040 χ^2/NDF : 3051513.2/11

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.090 χ^2 /NDF: 4.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.064 $\pm$ 0.072 χ^2 /NDF: 8.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

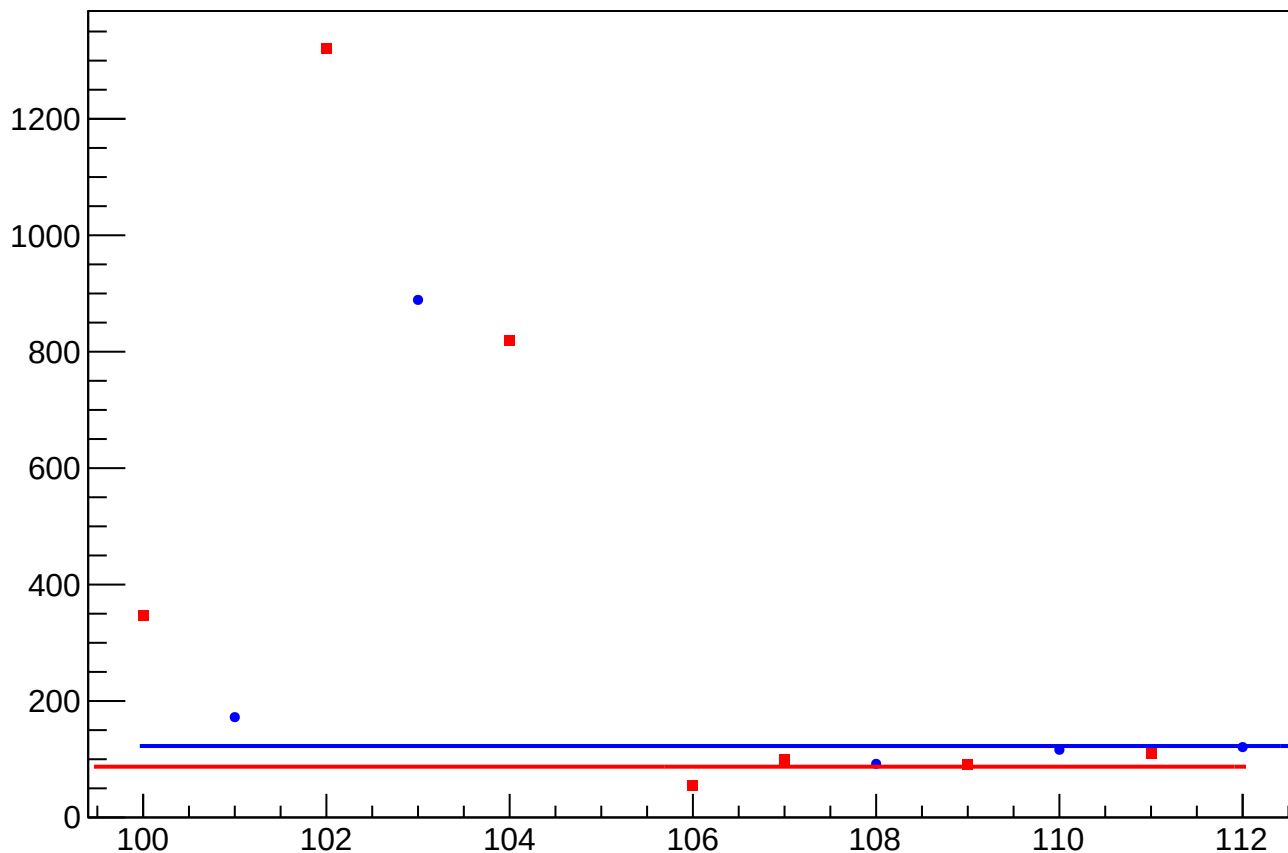
Right: -0.039 $\pm$ 0.056 χ^2 /NDF: 13.3/11

In: -0.002 $\pm$ 0.090 χ^2 /NDF:4.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.039 $\pm$ 0.056 χ^2 /NDF: 13.3/11

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 122.703+/-0.063 χ^2/NDF : 1076252.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.213+/-0.051 χ^2/NDF : 1785564.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

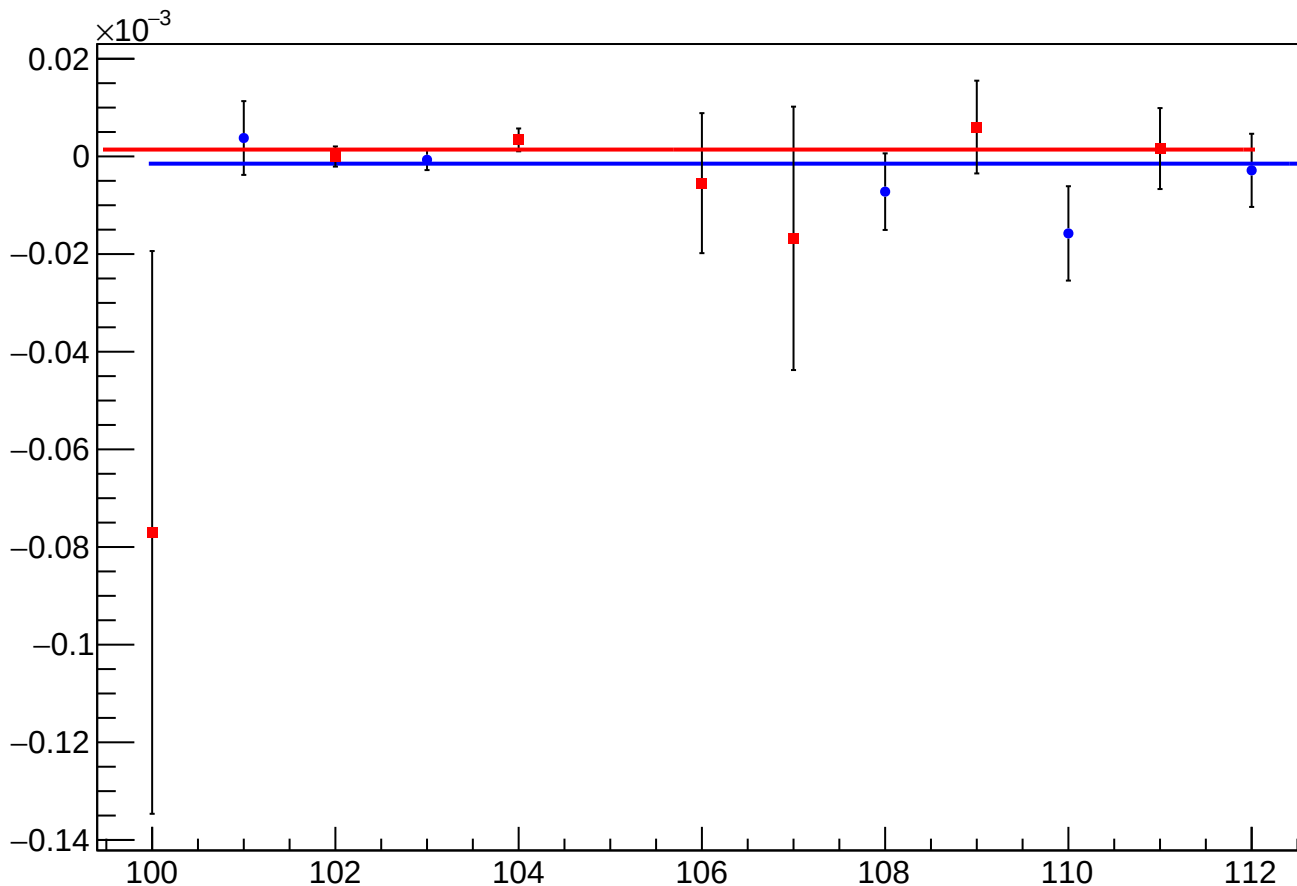
Right: 101.233+/-0.040 χ^2/NDF : 3051513.2/11

In: 122.703+/-0.063 χ^2/NDF : 1076252.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.233+/-0.040 χ^2/NDF : 3051513.2/11

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 : 3.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

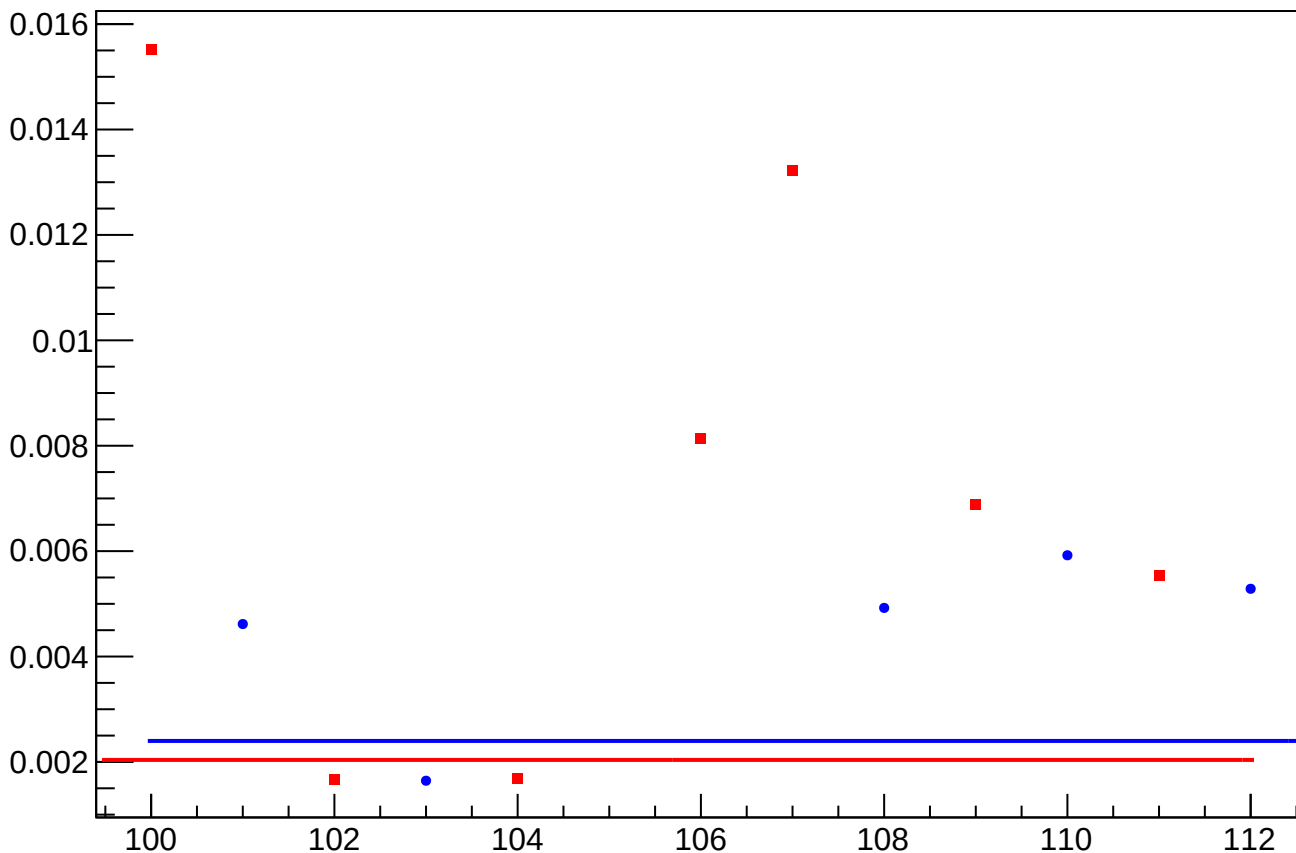
Right: 0.000+/-0.000 χ^2/NDF : 8.8/11

In: -0.000+/-0.000 χ^2/NDF : 3.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.8/11

asym_us_avg_atlr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1197579.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1806076.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

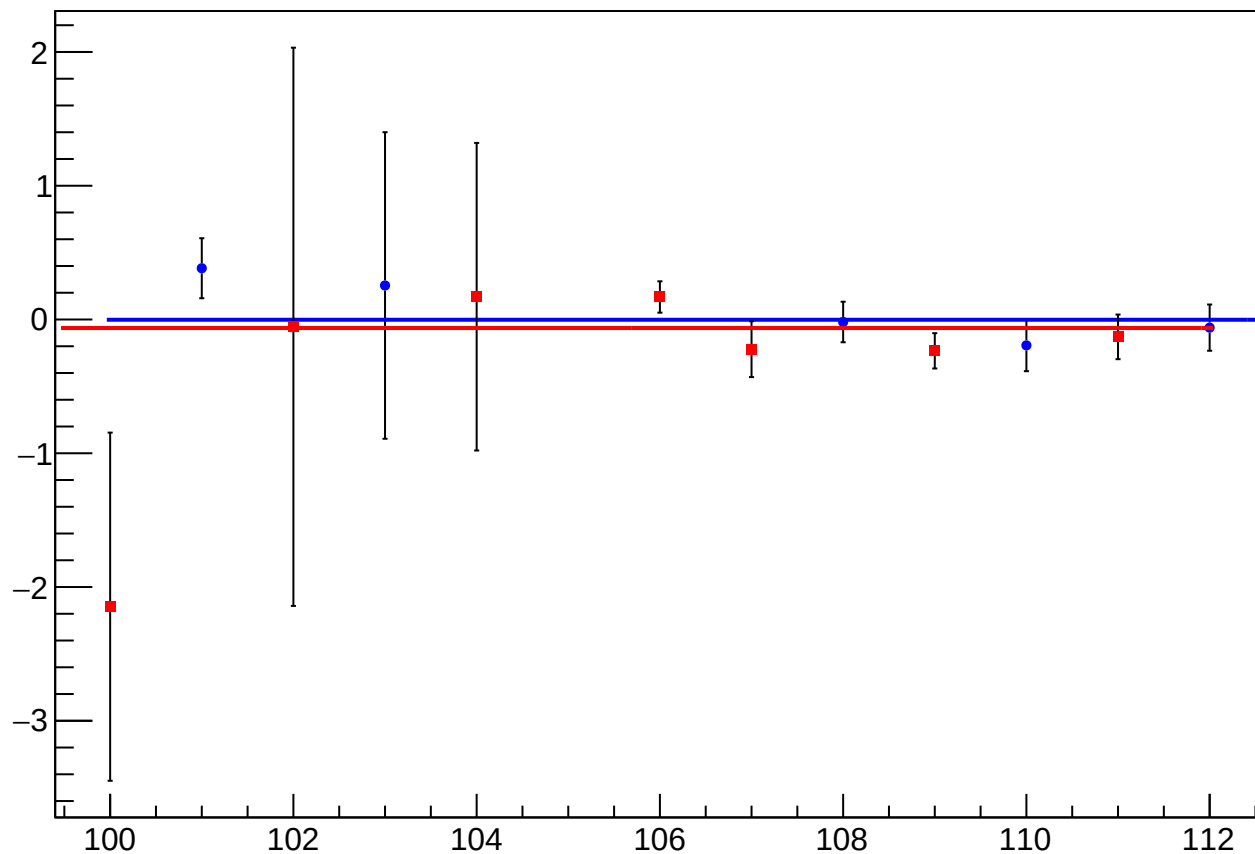
Right: 0.002+/-0.000 χ^2/NDF : 3049099.8/11

In: 0.002+/-0.000 χ^2/NDF : 1197579.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3049099.8/11

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.090 χ^2 /NDF: 4.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.064 $\pm$ 0.072 χ^2 /NDF: 8.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

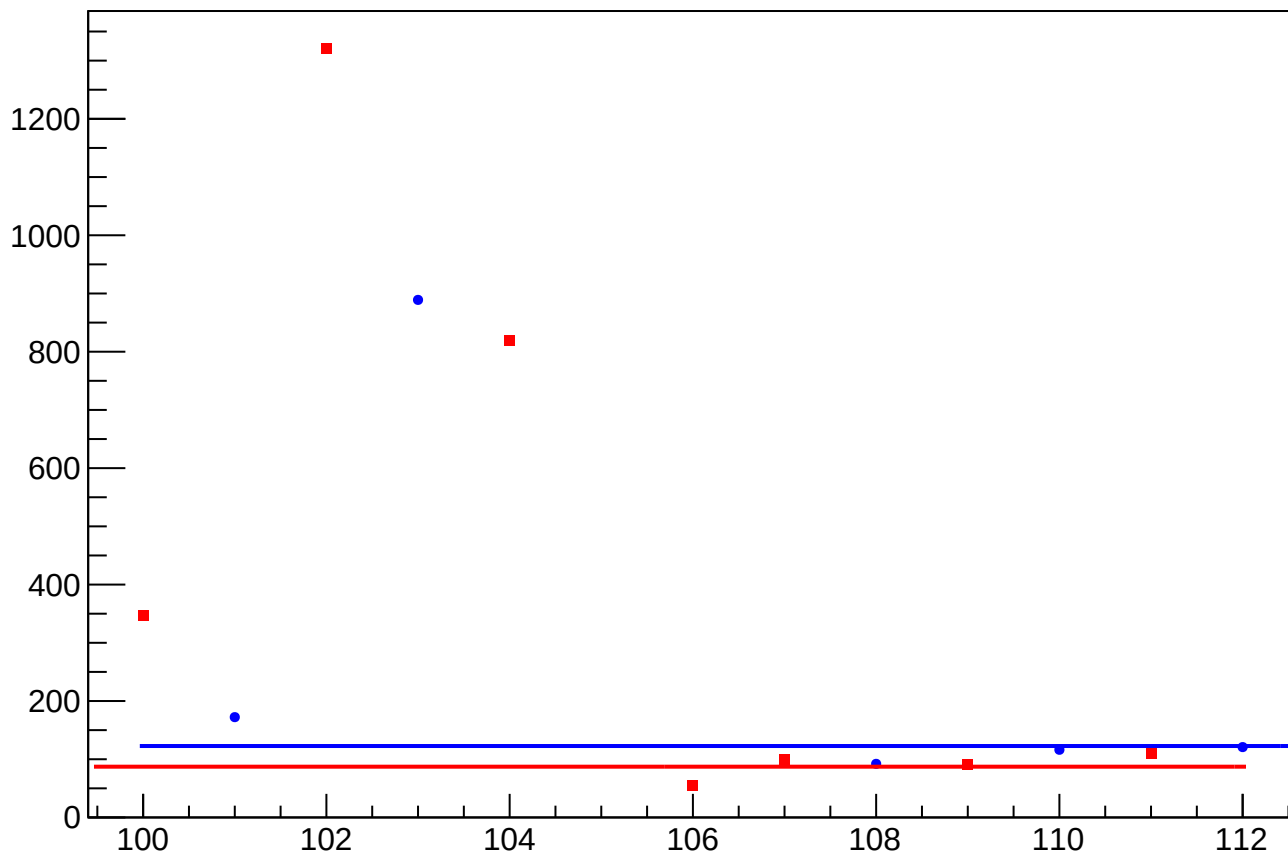
Right: -0.039 $\pm$ 0.056 χ^2 /NDF: 13.3/11

In: -0.002 $\pm$ 0.090 χ^2 /NDF:4.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.039 $\pm$ 0.056 χ^2 /NDF: 13.3/11

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 122.704+/-0.063 χ^2/NDF : 1076234.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.210+/-0.051 χ^2/NDF : 1785625.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

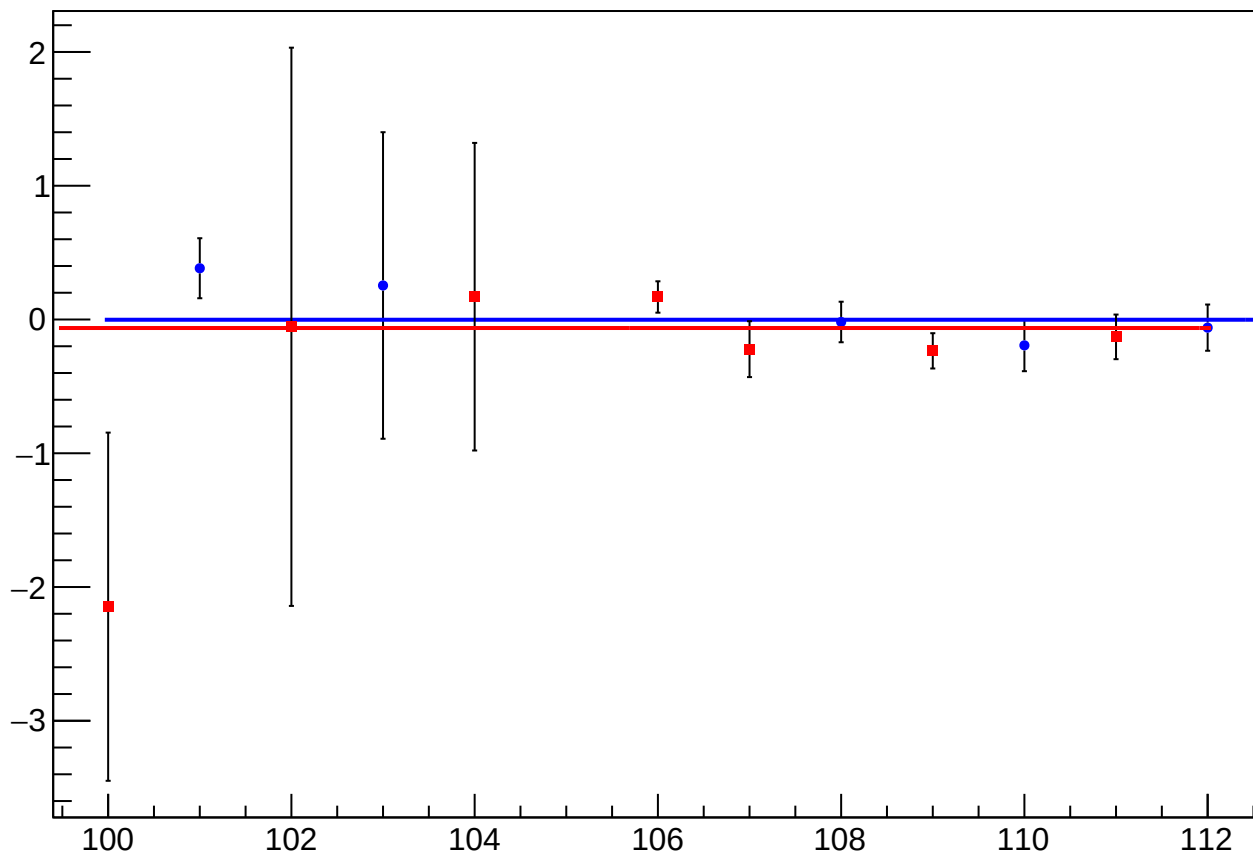
Right: 101.231+/-0.040 χ^2/NDF : 3051604.3/11

In: 122.704+/-0.063 χ^2/NDF : 1076234.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.231+/-0.040 χ^2/NDF : 3051604.3/11

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.090 χ^2 /NDF: 4.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.064 $\pm$ 0.072 χ^2 /NDF: 8.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

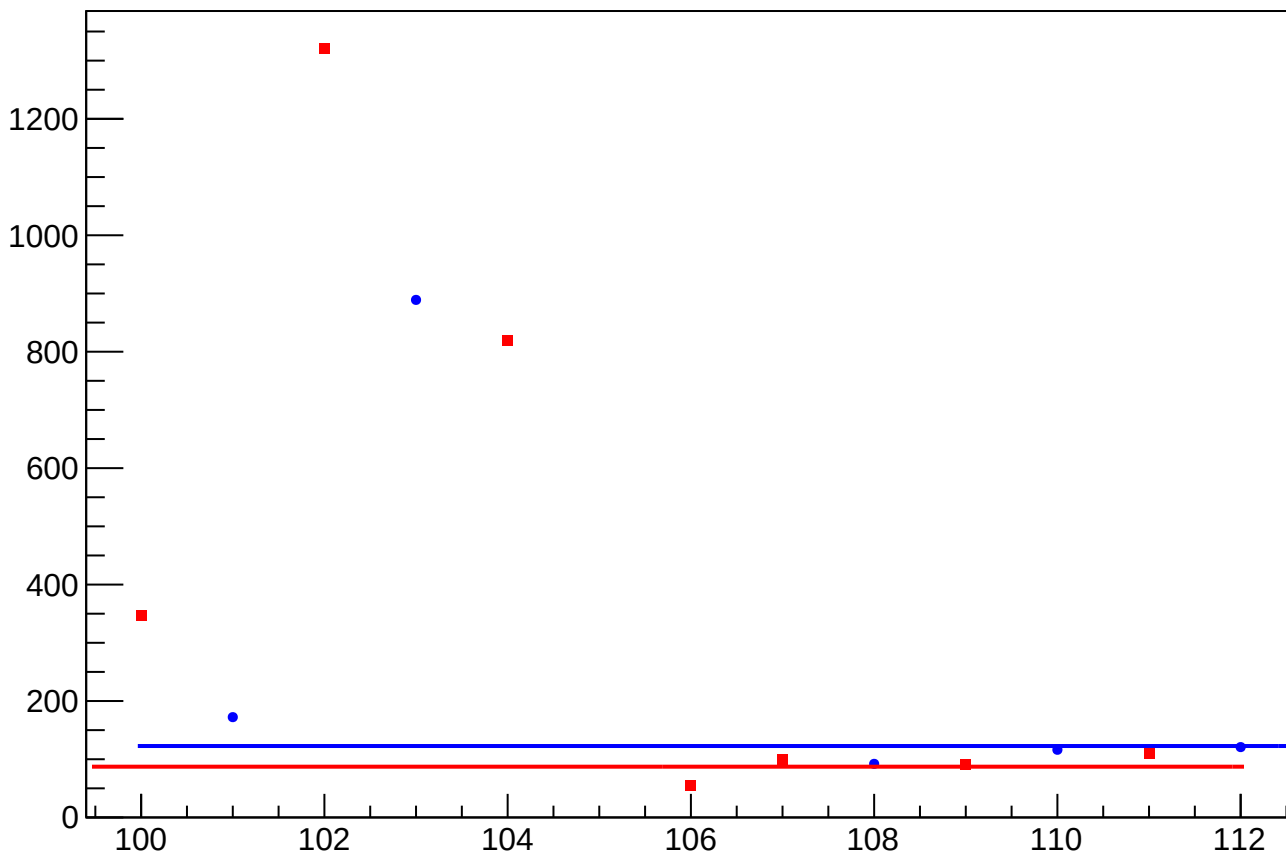
Right: -0.039 $\pm$ 0.056 χ^2 /NDF: 13.3/11

In: -0.002 $\pm$ 0.090 χ^2 /NDF:4.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.039 $\pm$ 0.056 χ^2 /NDF: 13.3/11

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 122.704+/-0.063 χ^2/NDF : 1076234.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.210+/-0.051 χ^2/NDF : 1785625.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

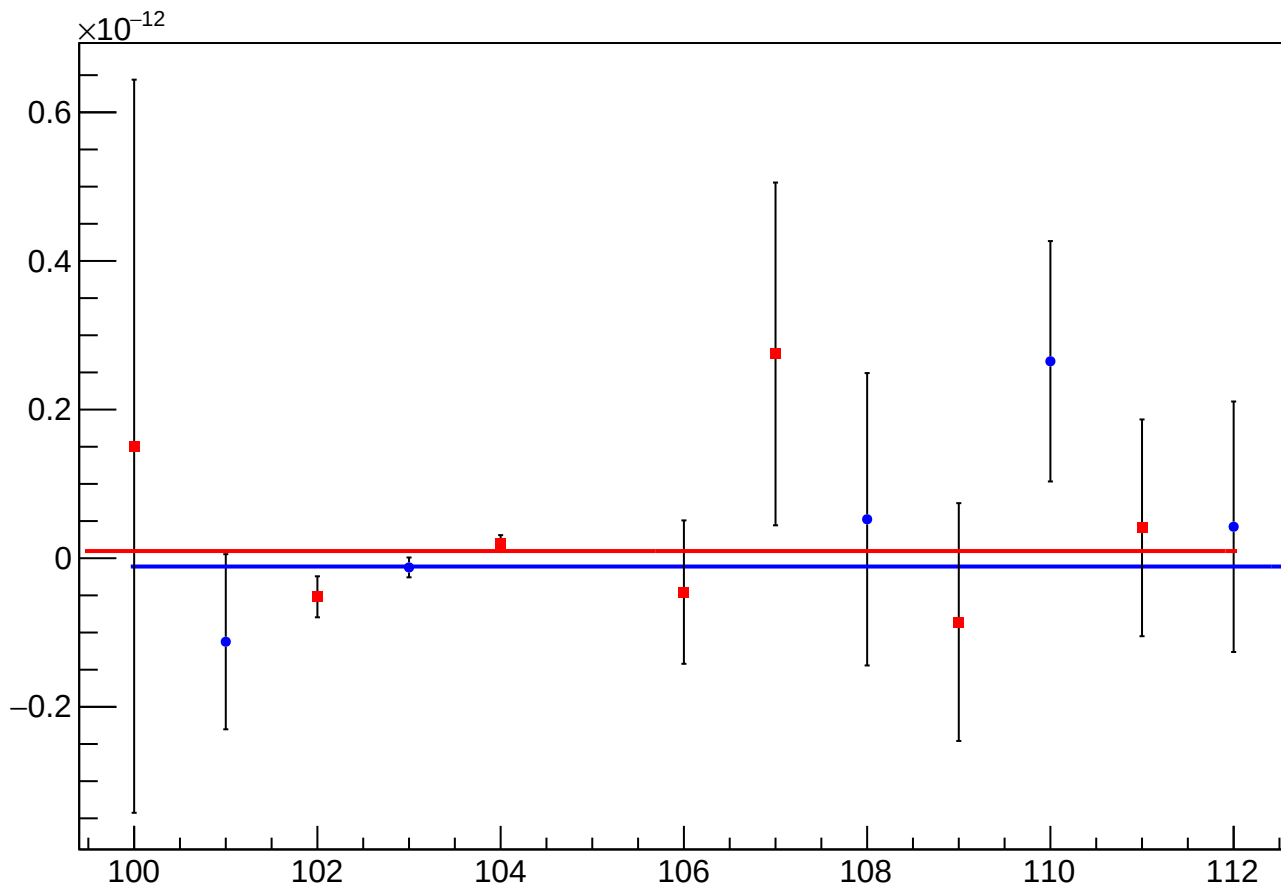
Right: 101.231+/-0.040 χ^2/NDF : 3051604.3/11

In: 122.704+/-0.063 χ^2/NDF : 1076234.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.231+/-0.040 χ^2/NDF : 3051604.3/11

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 : 3.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

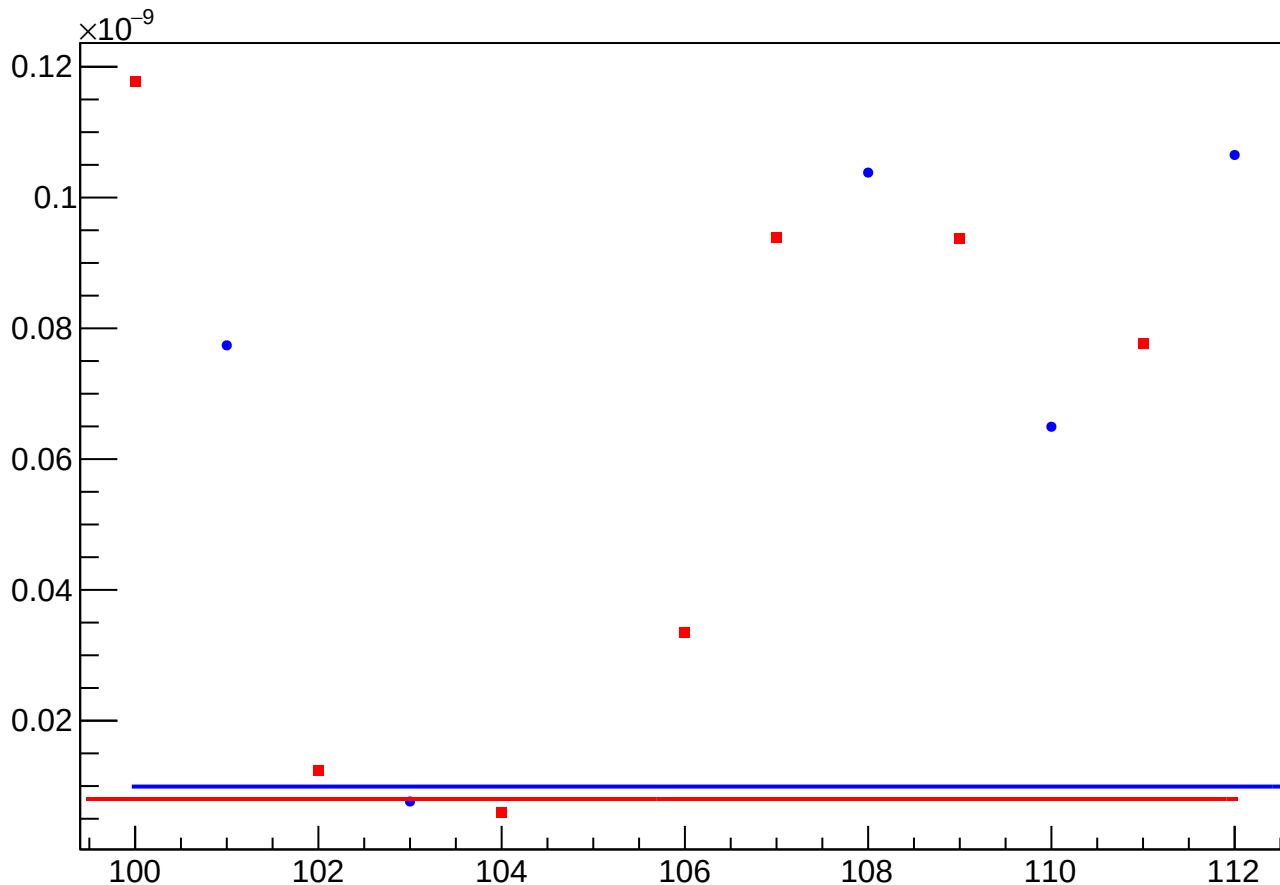
Right: 0.000+/-0.000 χ^2/NDF : 13.4/11

In: -0.000+/-0.000 χ^2/NDF : 3.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.4/11

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 : 2058269.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1664975.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

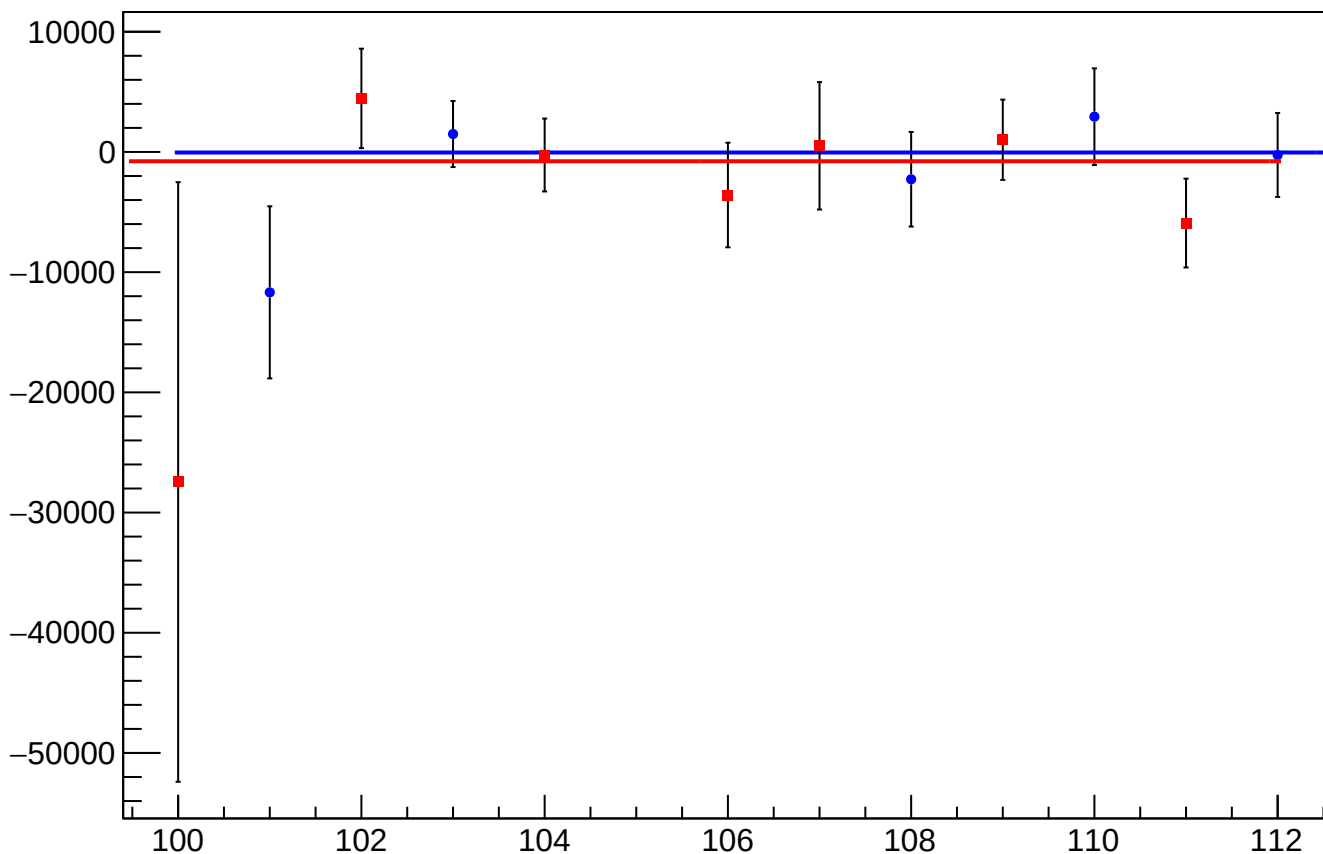
Right: 0.000+/-0.000 χ^2/NDF : 3749295.5/11

In: 0.000+/-0.000 χ^2/NDF : 2058269.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3749295.5/11

reg_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -44.563 $\pm$ 1665.910 χ^2 /NDF: 3.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -774.915 $\pm$ 1542.780 χ^2 /NDF: 5.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

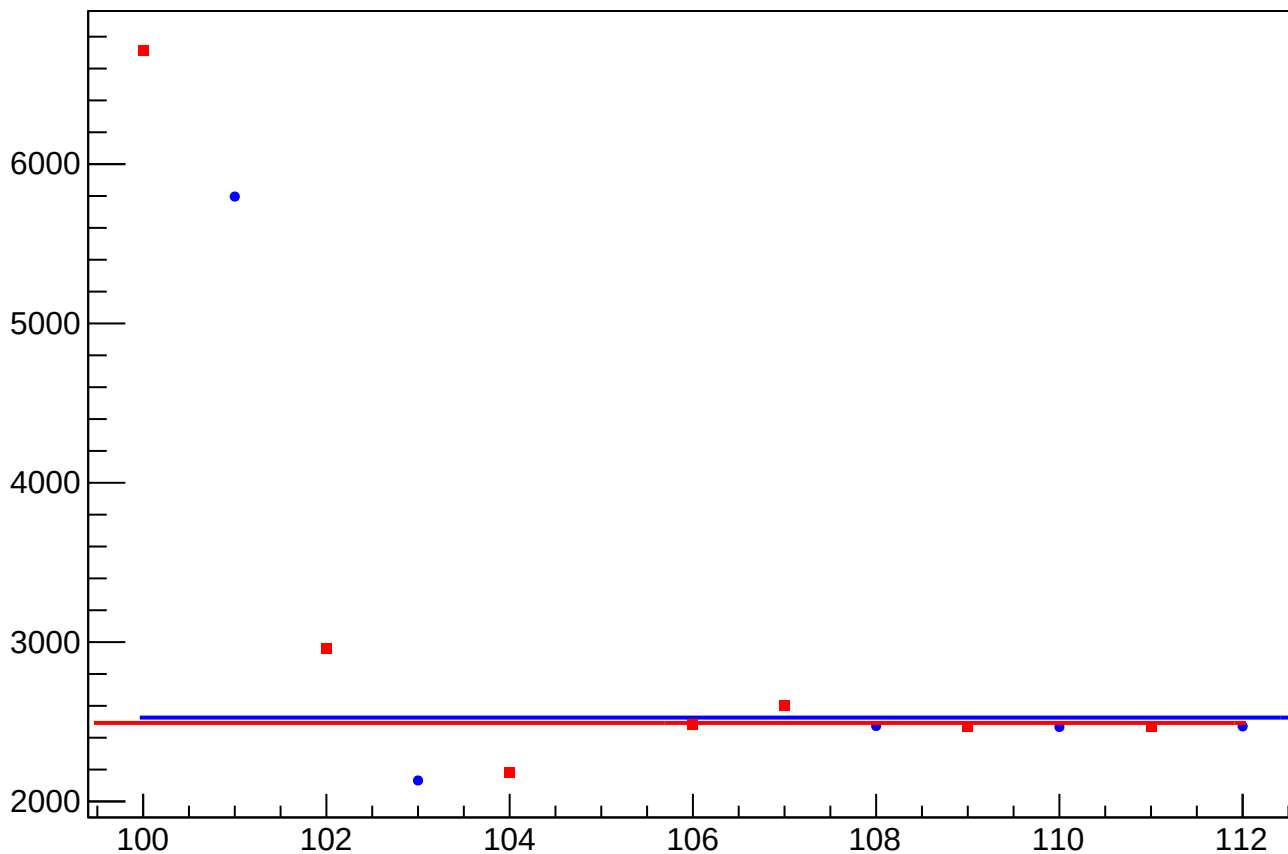
Right: -437.724 $\pm$ 1131.940 χ^2 /NDF: 9.4/11

In: -44.563 $\pm$ 1665.910 χ^2 /NDF:3.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -437.724 $\pm$ 1131.940 χ^2 /NDF: 9.4/11

reg_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2526.254+/-1.178 χ^2/NDF : 460039.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2492.746+/-1.091 χ^2/NDF : 104638.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

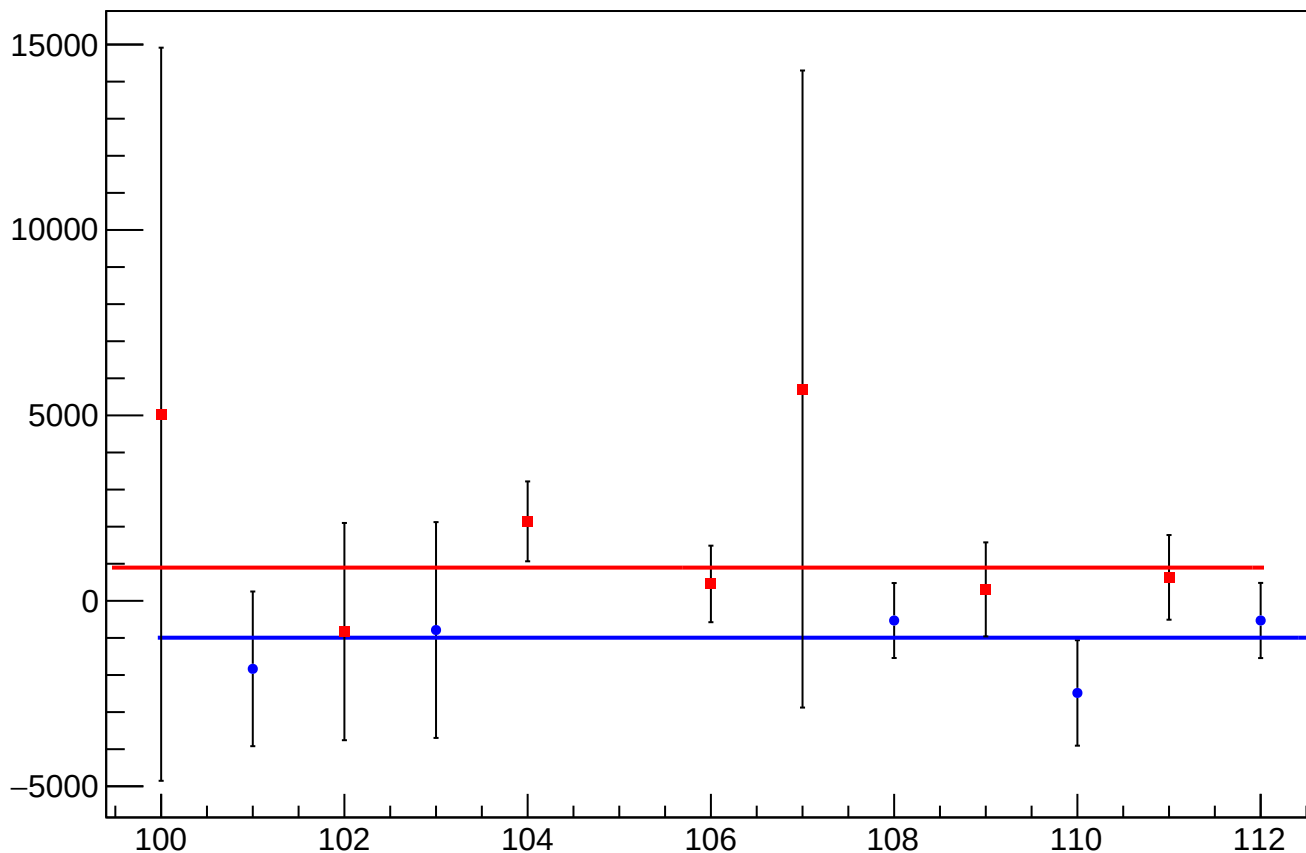
Right: 2508.216+/-0.800 χ^2/NDF : 565113.4/11

In: 2526.254+/-1.178 χ^2/NDF : 460039.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2508.216+/-0.800 χ^2/NDF : 565113.4/11

asym_us_dd_at1lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -993.901+/-598.122 χ^2 /NDF: 1.7/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 896.177+/-547.895 χ^2 /NDF: 2.6/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

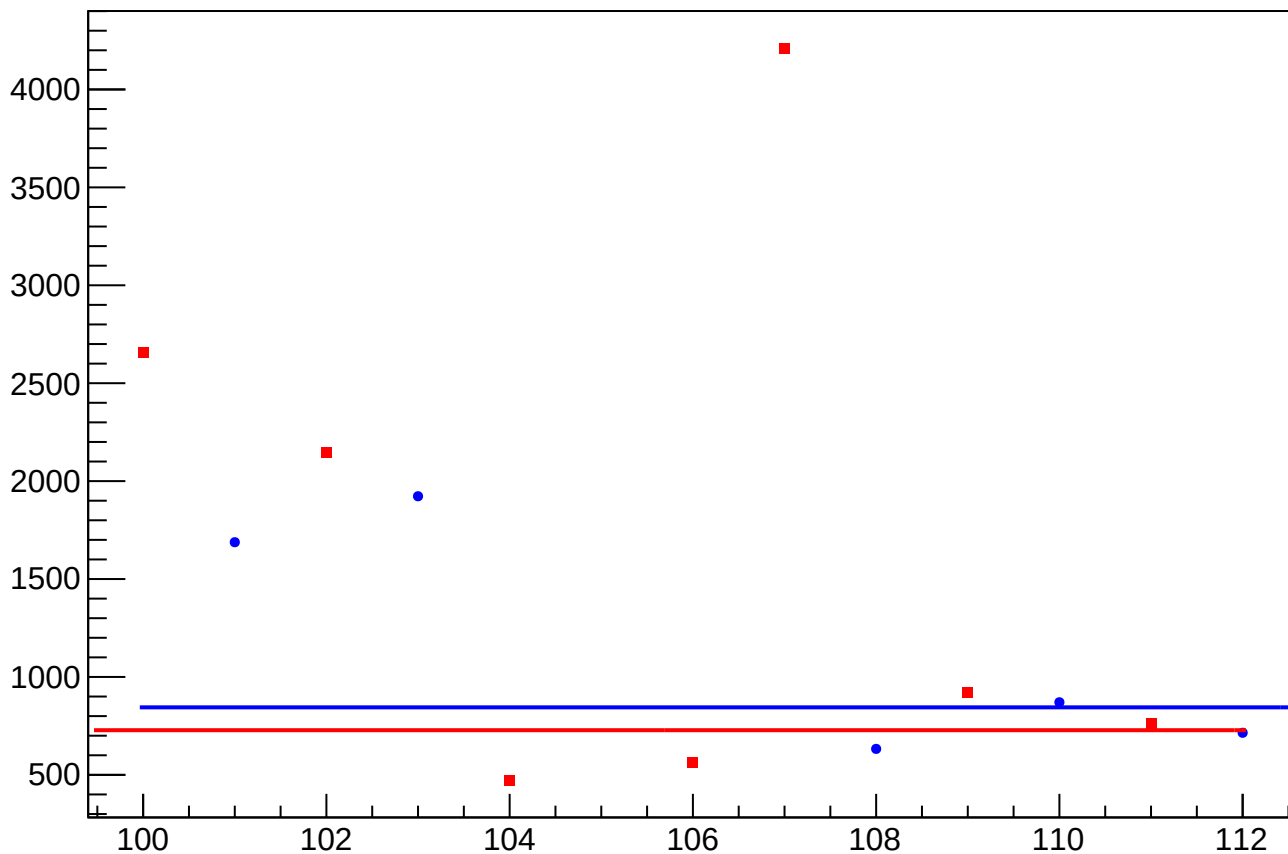
Right: 33.816+/-404.012 χ^2 /NDF: 9.7/11

In: -993.901+/-598.122 χ^2 /NDF:1.7/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 33.816+/-404.012 χ^2 /NDF: 9.7/11

asym_us_dd_at1lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 844.770+/-0.423 χ^2/NDF : 723060.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 728.041+/-0.387 χ^2/NDF : 1088535.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

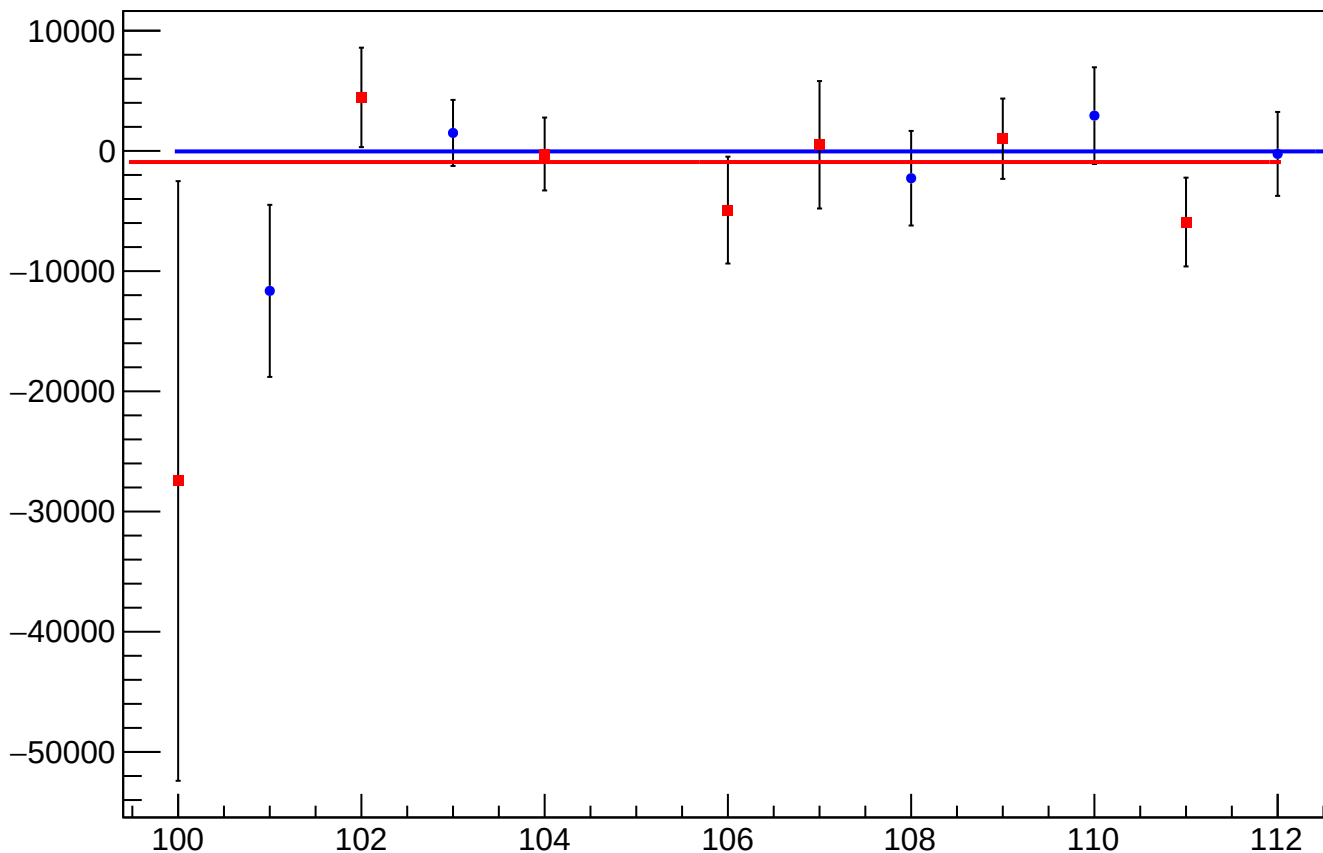
Right: 781.300+/-0.286 χ^2/NDF : 1853015.0/11

In: 844.770+/-0.423 χ^2/NDF : 723060.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 781.300+/-0.286 χ^2/NDF : 1853015.0/11

cor_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -41.071+/-1665.911 χ^2 /NDF: 3.8/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -924.453+/-1546.821 χ^2 /NDF: 5.9/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

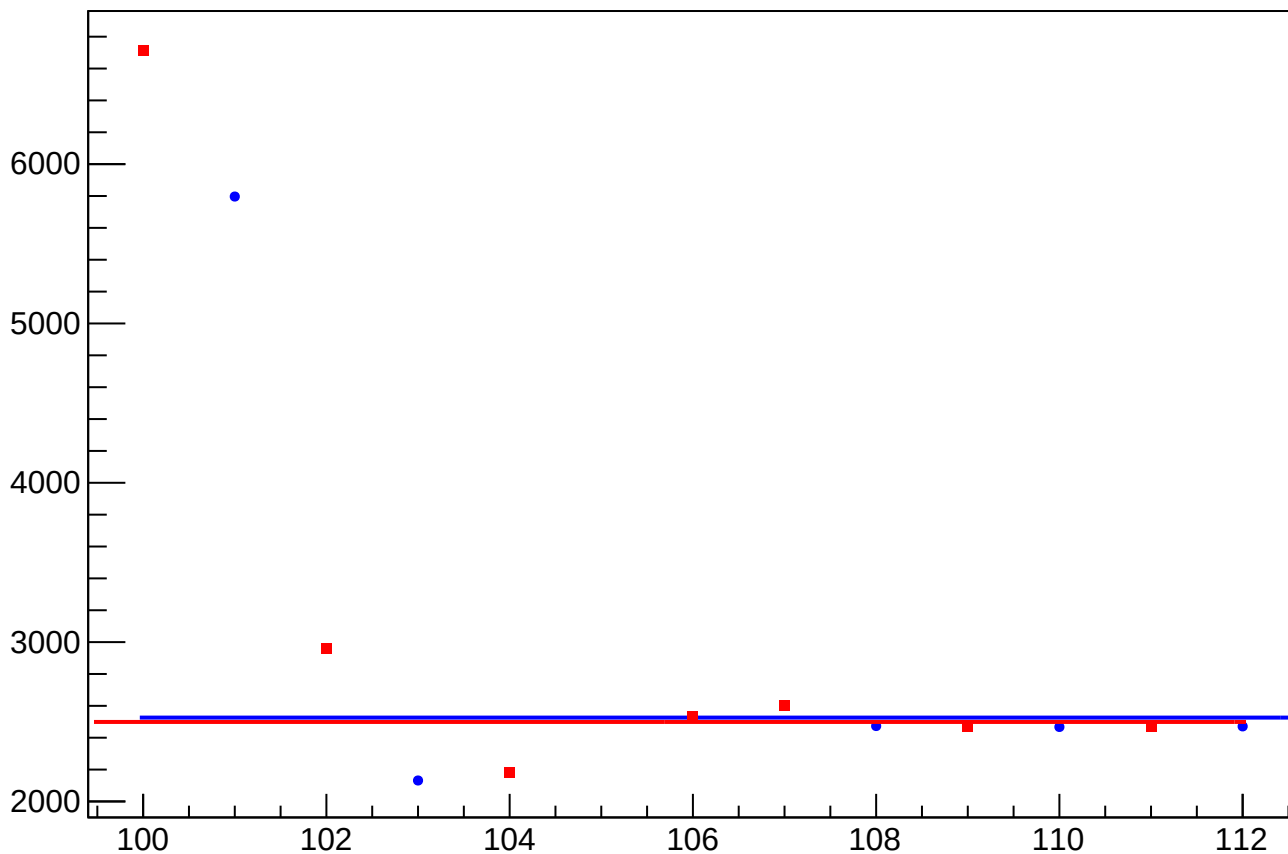
Right: -515.462+/-1133.533 χ^2 /NDF: 9.9/11

In: -41.071+/-1665.911 χ^2 /NDF:3.8/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -515.462+/-1133.533 χ^2 /NDF: 9.9/11

cor_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2526.254+/-1.178 χ^2/NDF : 460039.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2498.937+/-1.094 χ^2/NDF : 104774.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

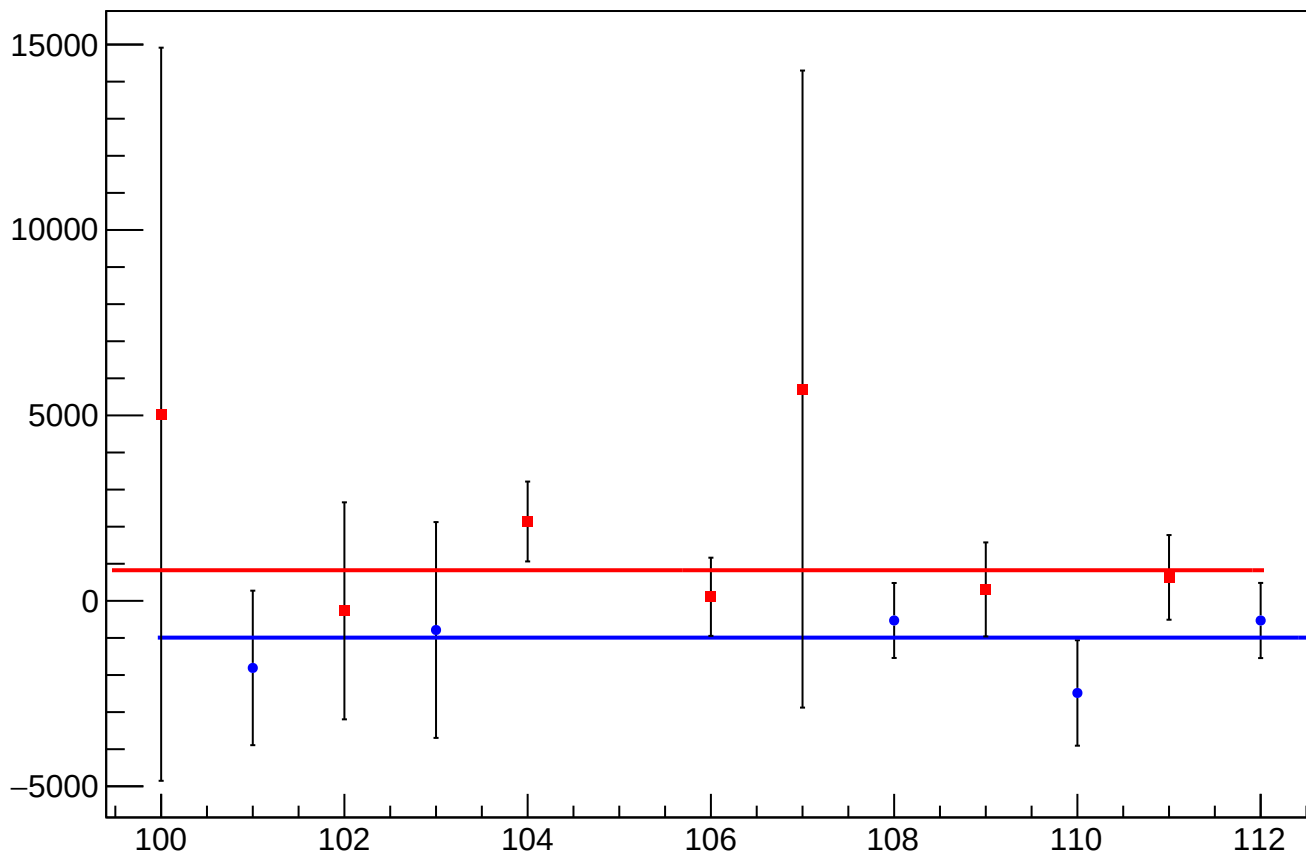
Right: 2511.584+/-0.802 χ^2/NDF : 565103.2/11

In: 2526.254+/-1.178 χ^2/NDF : 460039.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2511.584+/-0.802 χ^2/NDF : 565103.2/11

asym_us_dd_at1lr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -991.520+/-598.069 χ^2/NDF : 1.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 825.595+/-551.118 χ^2/NDF : 2.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

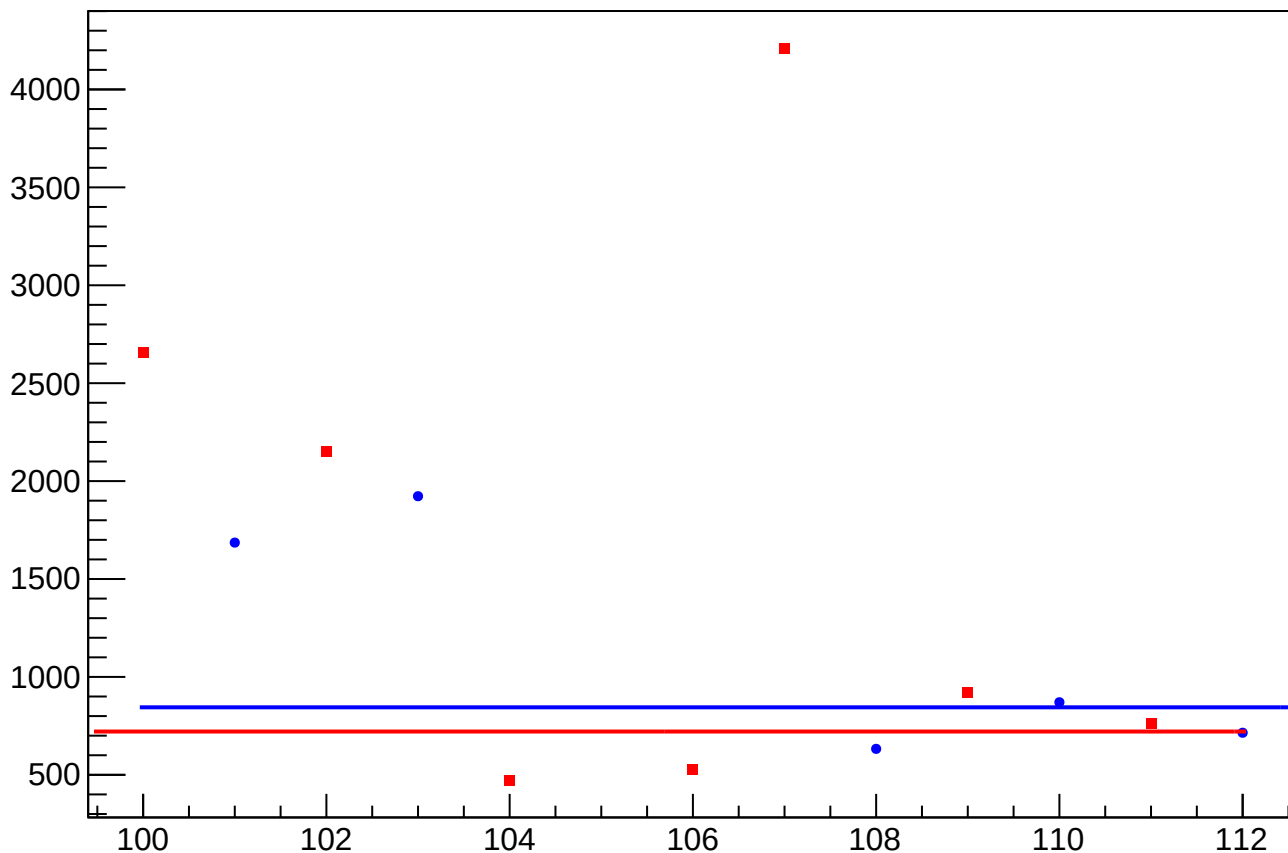
Right: -8.846+/-405.283 χ^2/NDF : 9.5/11

In: -991.520+/-598.069 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.846+/-405.283 χ^2/NDF : 9.5/11

asym_us_dd_at1lr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 844.778+/-0.423 χ^2/NDF : 722242.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 721.115+/-0.390 χ^2/NDF : 1111089.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

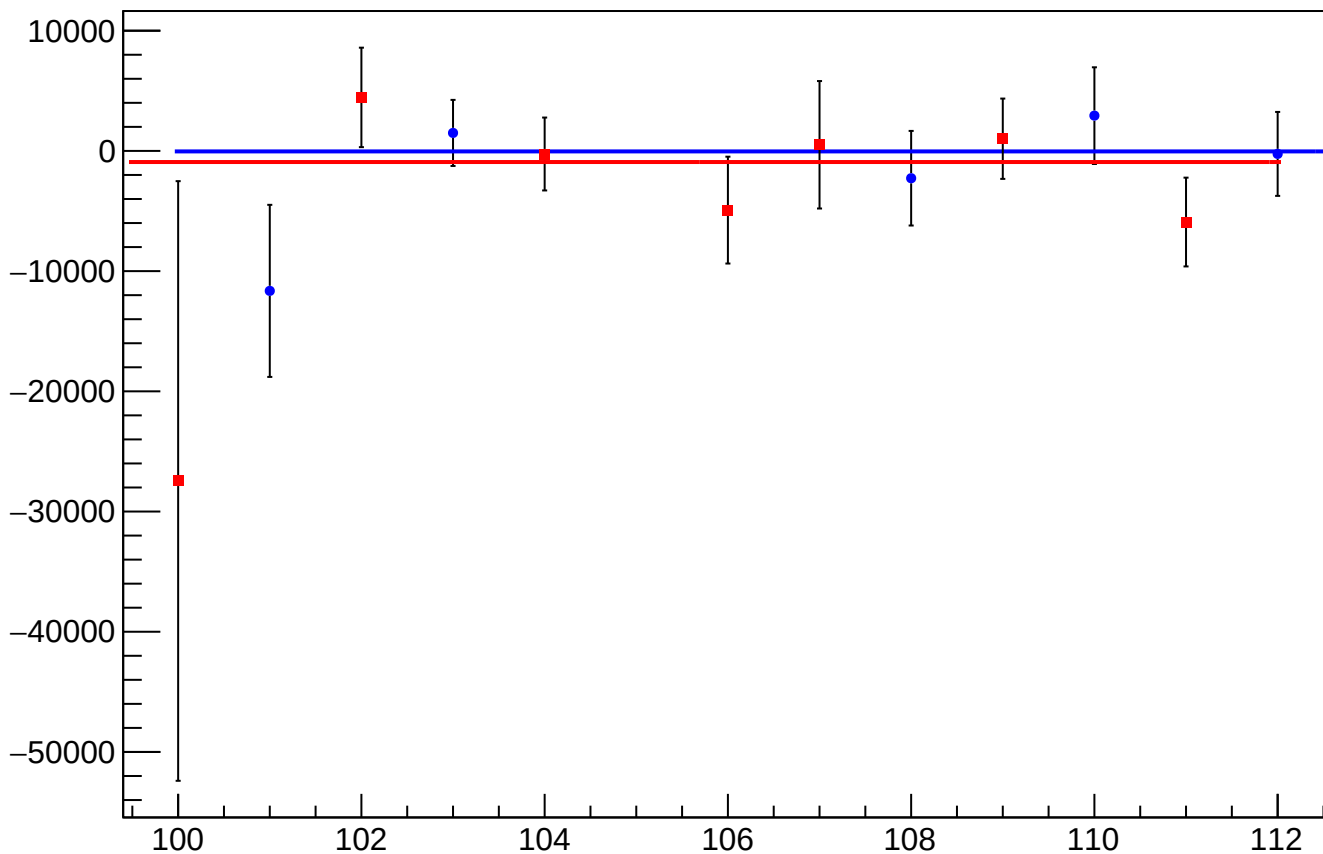
Right: 777.902+/-0.287 χ^2/NDF : 1879573.9/11

In: 844.778+/-0.423 χ^2/NDF : 722242.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 777.902+/-0.287 χ^2/NDF : 1879573.9/11

eigen_cor_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -41.071+/-1665.911 χ^2 /NDF: 3.8/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -924.453+/-1546.821 χ^2 /NDF: 5.9/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

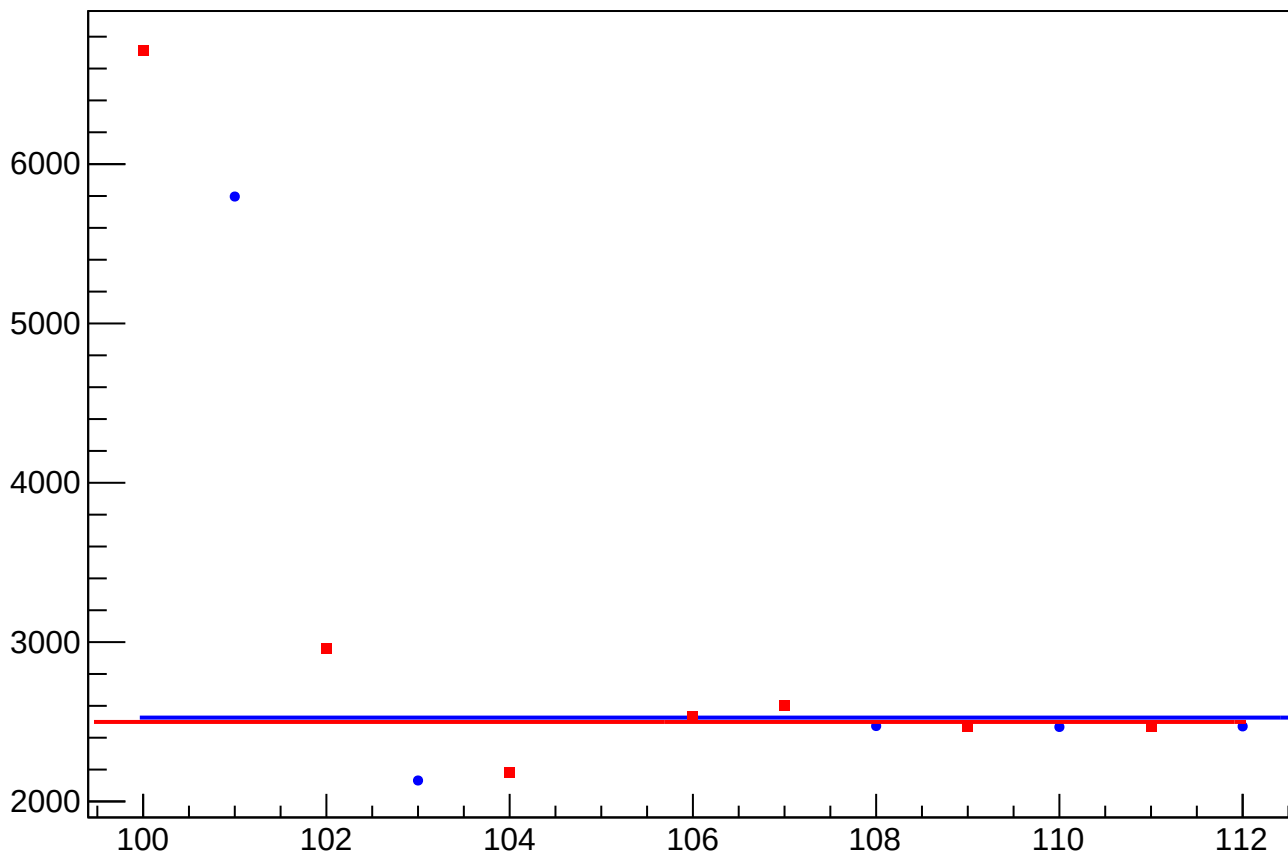
Right: -515.462+/-1133.533 χ^2 /NDF: 9.9/11

In: -41.071+/-1665.911 χ^2 /NDF:3.8/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -515.462+/-1133.533 χ^2 /NDF: 9.9/11

eigen_cor_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2526.254+/-1.178 χ^2/NDF : 460039.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2498.937+/-1.094 χ^2/NDF : 104774.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

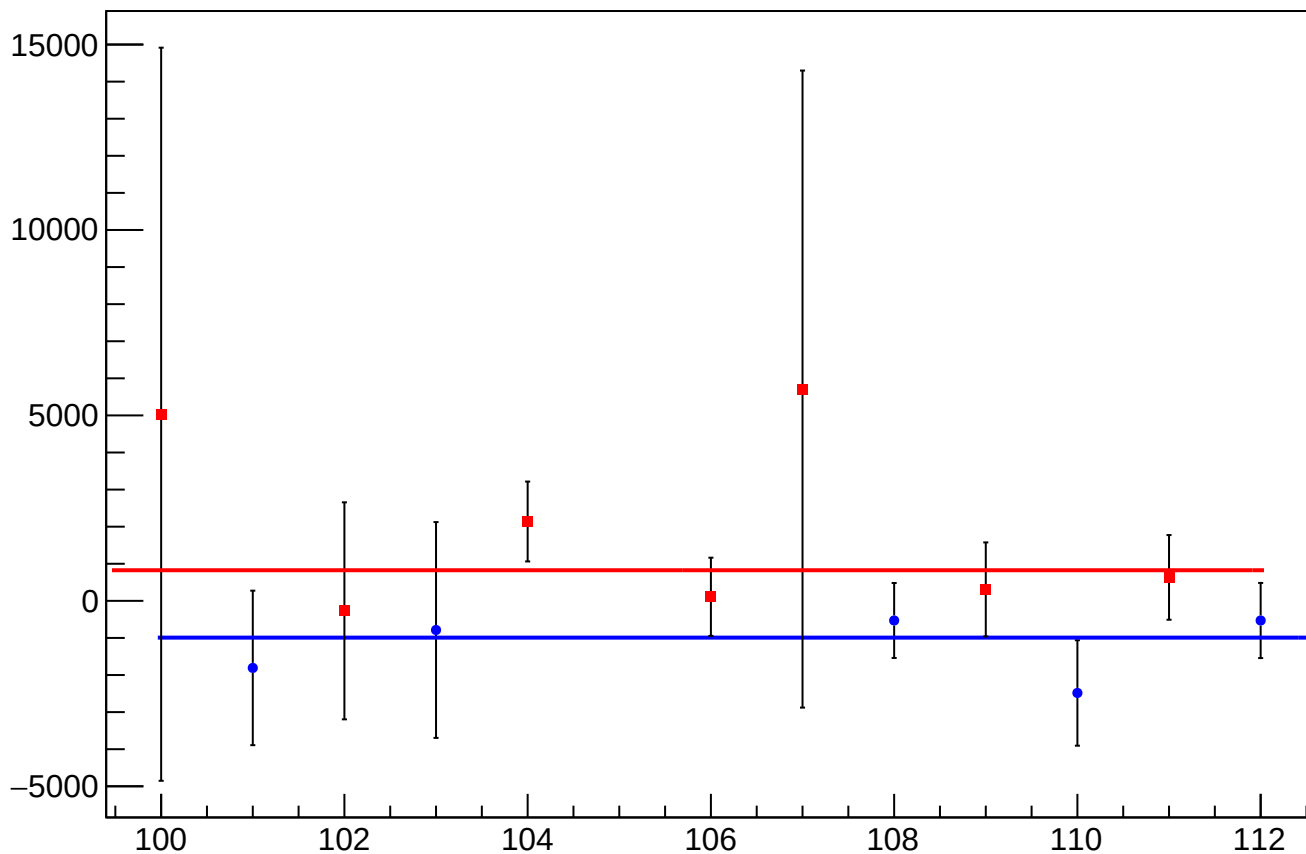
Right: 2511.584+/-0.802 χ^2/NDF : 565103.2/11

In: 2526.254+/-1.178 χ^2/NDF : 460039.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2511.584+/-0.802 χ^2/NDF : 565103.2/11

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -991.520+/-598.069 χ^2/NDF : 1.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 825.595+/-551.118 χ^2/NDF : 2.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

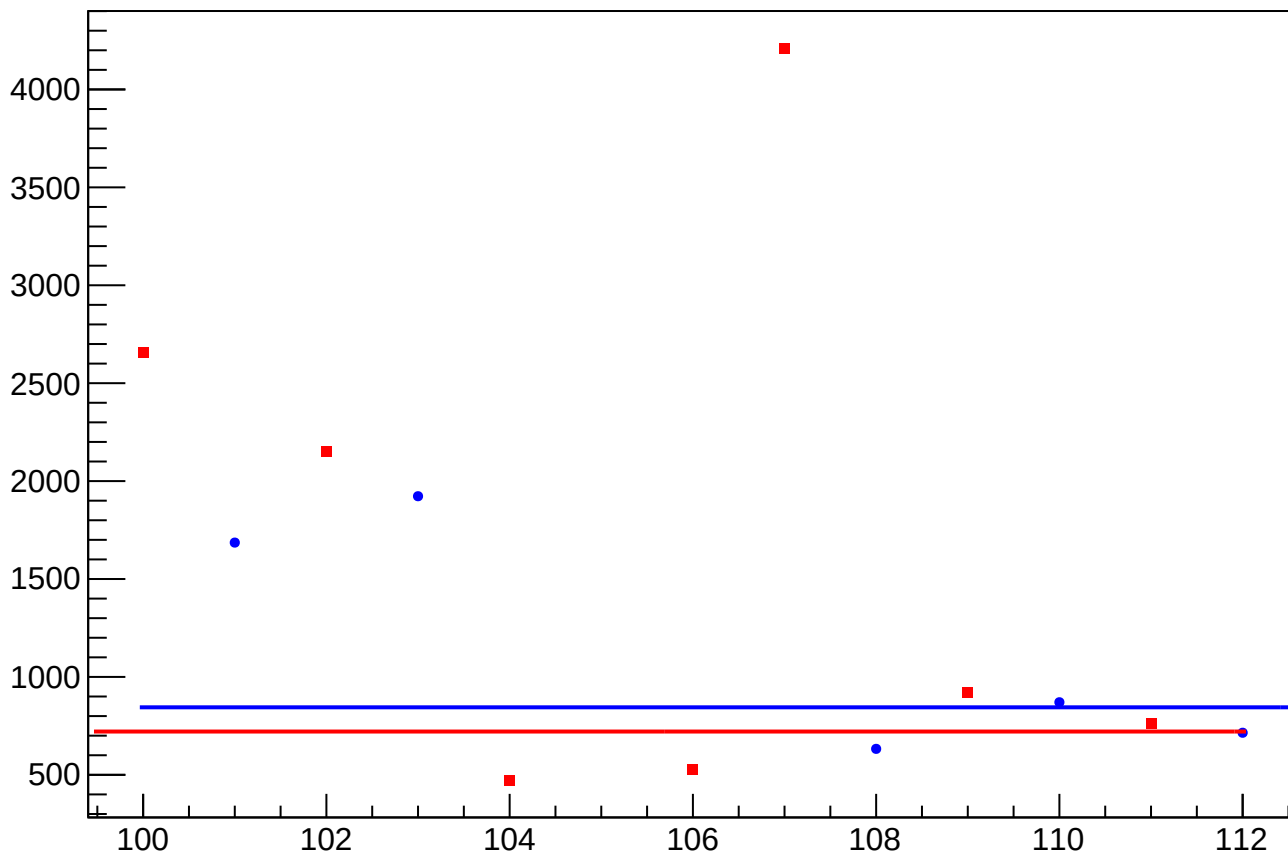
Right: -8.846+/-405.283 χ^2/NDF : 9.5/11

In: -991.520+/-598.069 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.846+/-405.283 χ^2/NDF : 9.5/11

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 844.778+/-0.423 χ^2/NDF : 722242.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 721.115+/-0.390 χ^2/NDF : 1111089.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

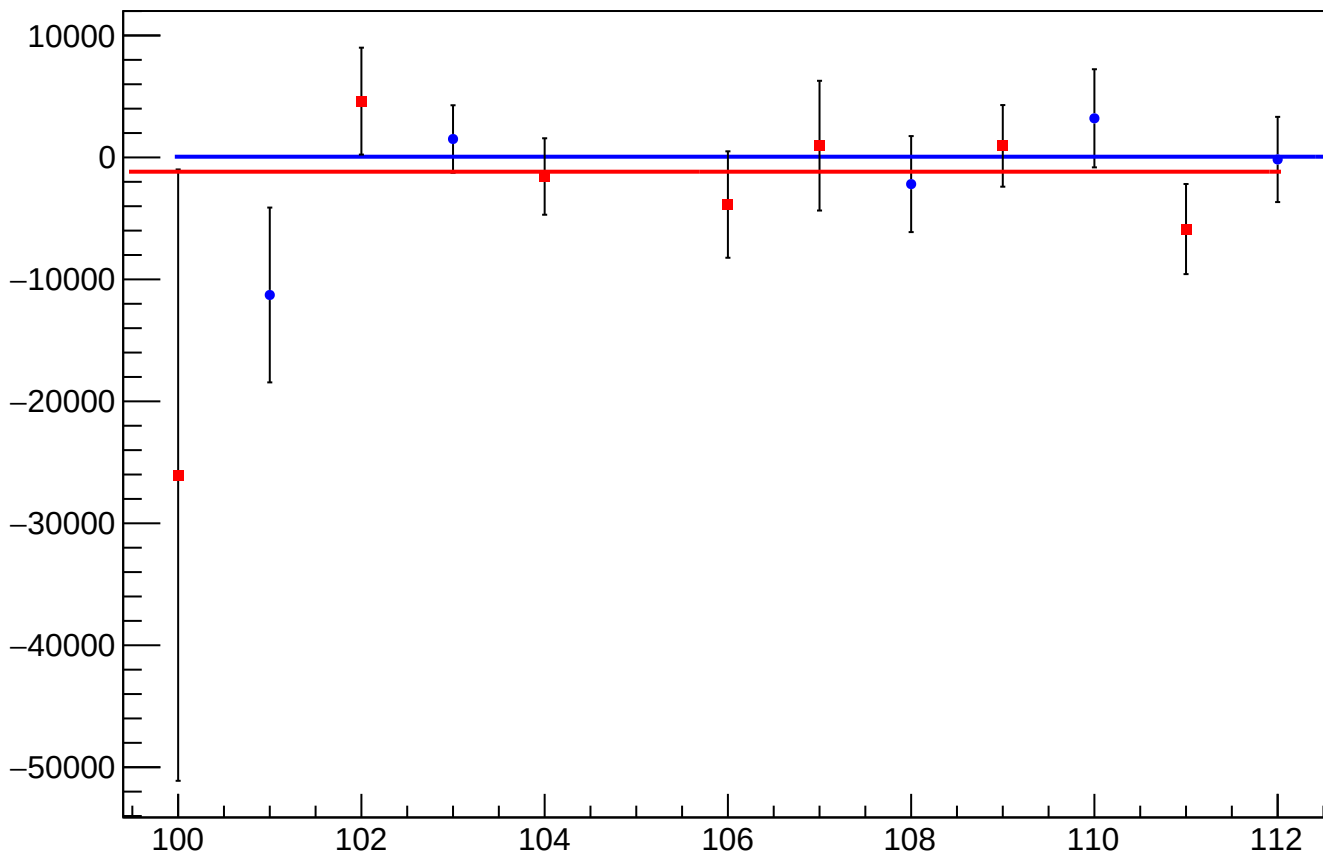
Right: 777.902+/-0.287 χ^2/NDF : 1879573.9/11

In: 844.778+/-0.423 χ^2/NDF : 722242.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 777.902+/-0.287 χ^2/NDF : 1879573.9/11

dit_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: 59.536+/-1670.475 χ^2/NDF : 3.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1169.879+/-1569.751 χ^2/NDF : 5.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

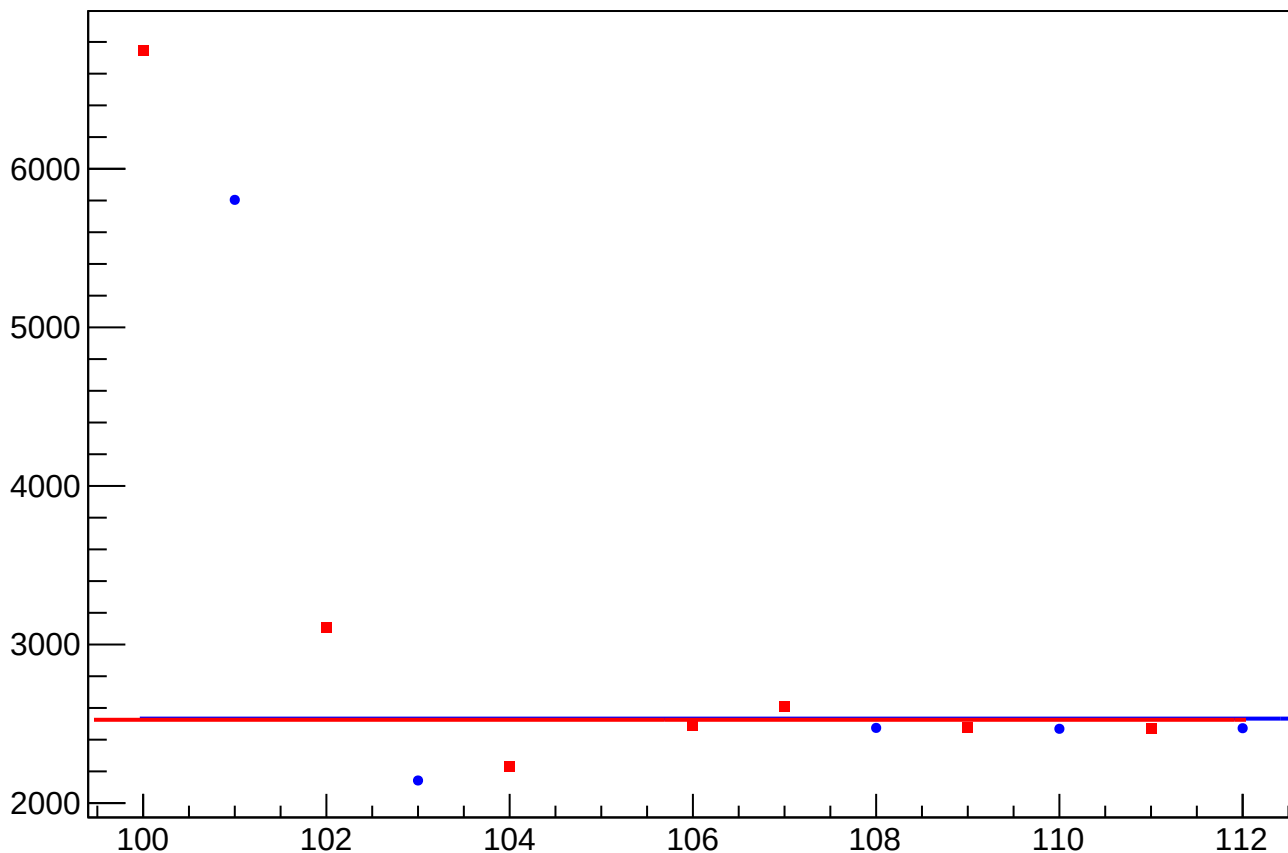
Right: -593.351+/-1143.934 χ^2/NDF : 9.3/11

In: 59.536+/-1670.475 χ^2/NDF : 3.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -593.351+/-1143.934 χ^2/NDF : 9.3/11

dit_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2532.801+/-1.181 χ^2/NDF : 457998.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2525.408+/-1.110 χ^2/NDF : 111546.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

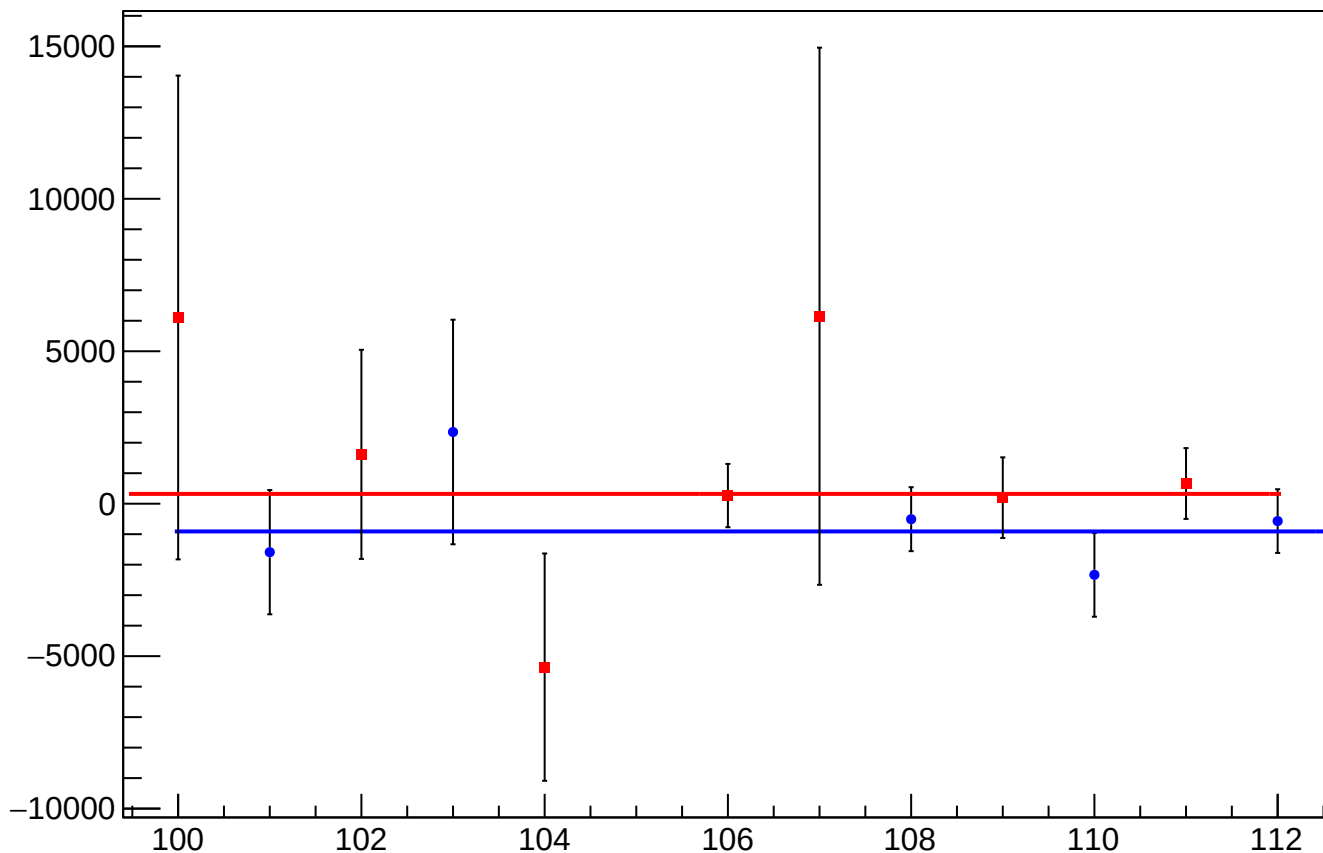
Right: 2528.875+/-0.809 χ^2/NDF : 569564.8/11

In: 2532.801+/-1.181 χ^2/NDF : 457998.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2528.875+/-0.809 χ^2/NDF : 569564.8/11

asym_us_dd_at1lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -909.704+/-611.956 χ^2/NDF : 2.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 321.365+/-641.831 χ^2/NDF : 3.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

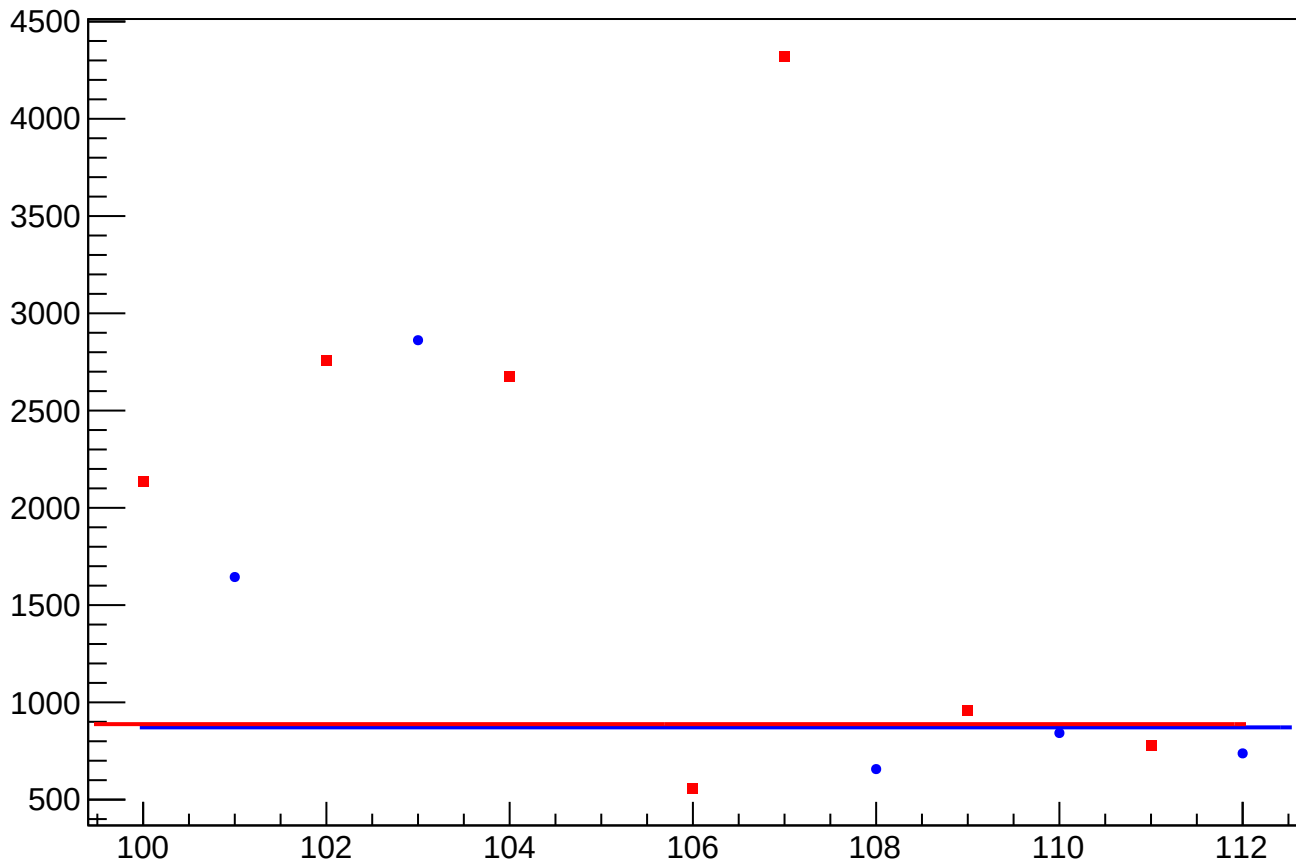
Right: -323.486+/-442.903 χ^2/NDF : 7.7/11

In: -909.704+/-611.956 χ^2/NDF : 2.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -323.486+/-442.903 χ^2/NDF : 7.7/11

asym_us_dd_at1lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 871.431+/-0.433 χ^2/NDF : 989325.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 888.054+/-0.454 χ^2/NDF : 1633739.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

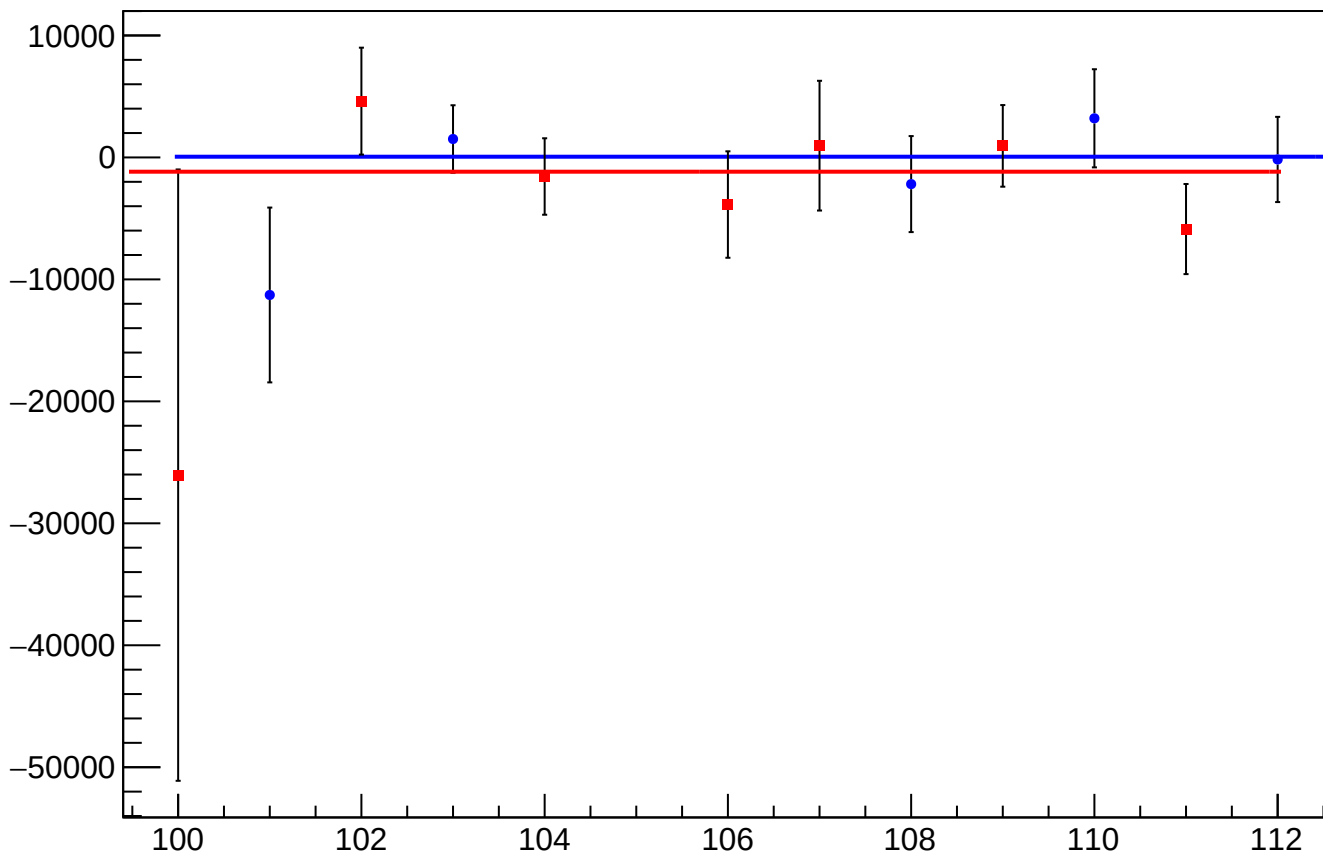
Right: 879.346+/-0.313 χ^2/NDF : 2623767.5/11

In: 871.431+/-0.433 χ^2/NDF : 989325.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 879.346+/-0.313 χ^2/NDF : 2623767.5/11

eigen_dit_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: 59.533+/-1670.475 χ^2 /NDF: 3.7/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1169.879+/-1569.751 χ^2 /NDF: 5.3/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

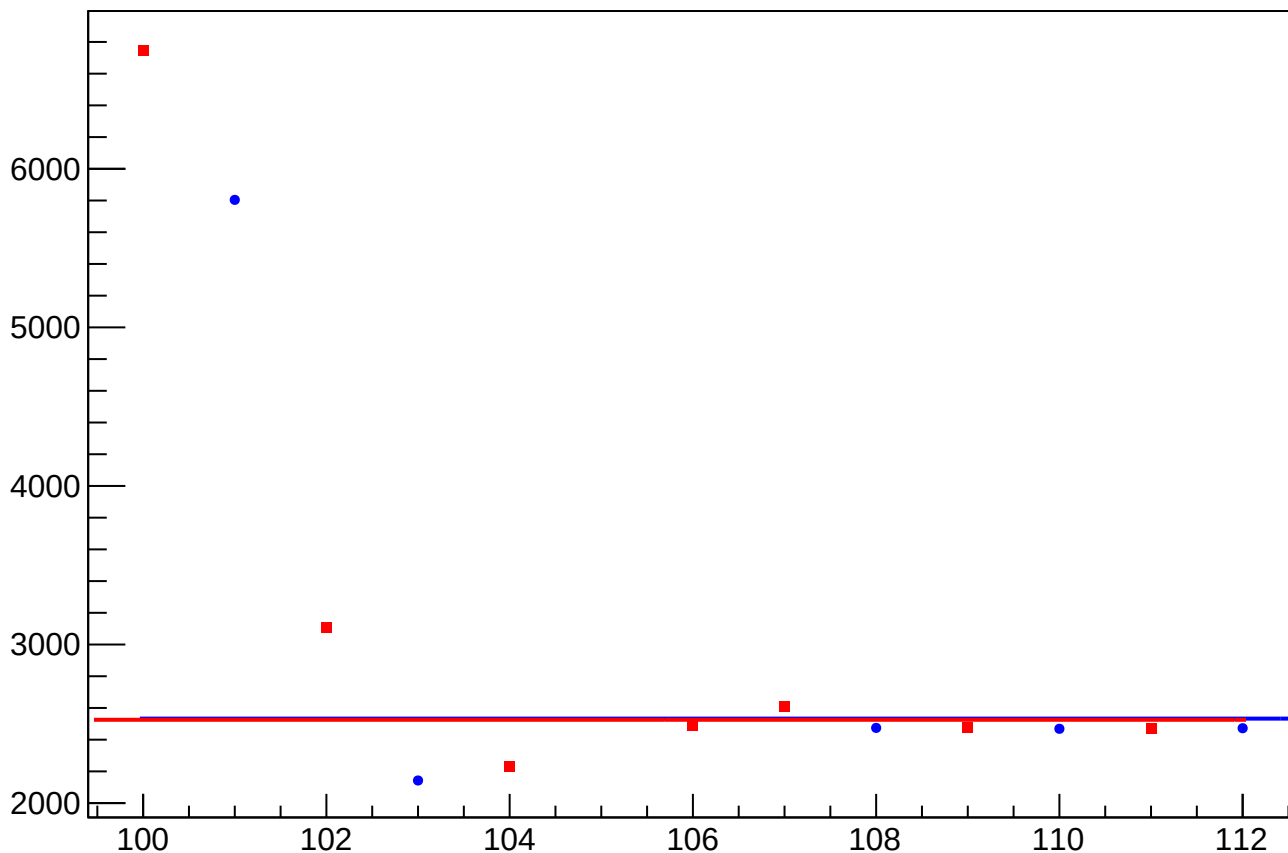
Right: -593.353+/-1143.933 χ^2 /NDF: 9.3/11

In: 59.533+/-1670.475 χ^2 /NDF:3.7/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -593.353+/-1143.933 χ^2 /NDF: 9.3/11

eigen_dit_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2532.801+/-1.181 χ^2/NDF : 457998.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2525.408+/-1.110 χ^2/NDF : 111546.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

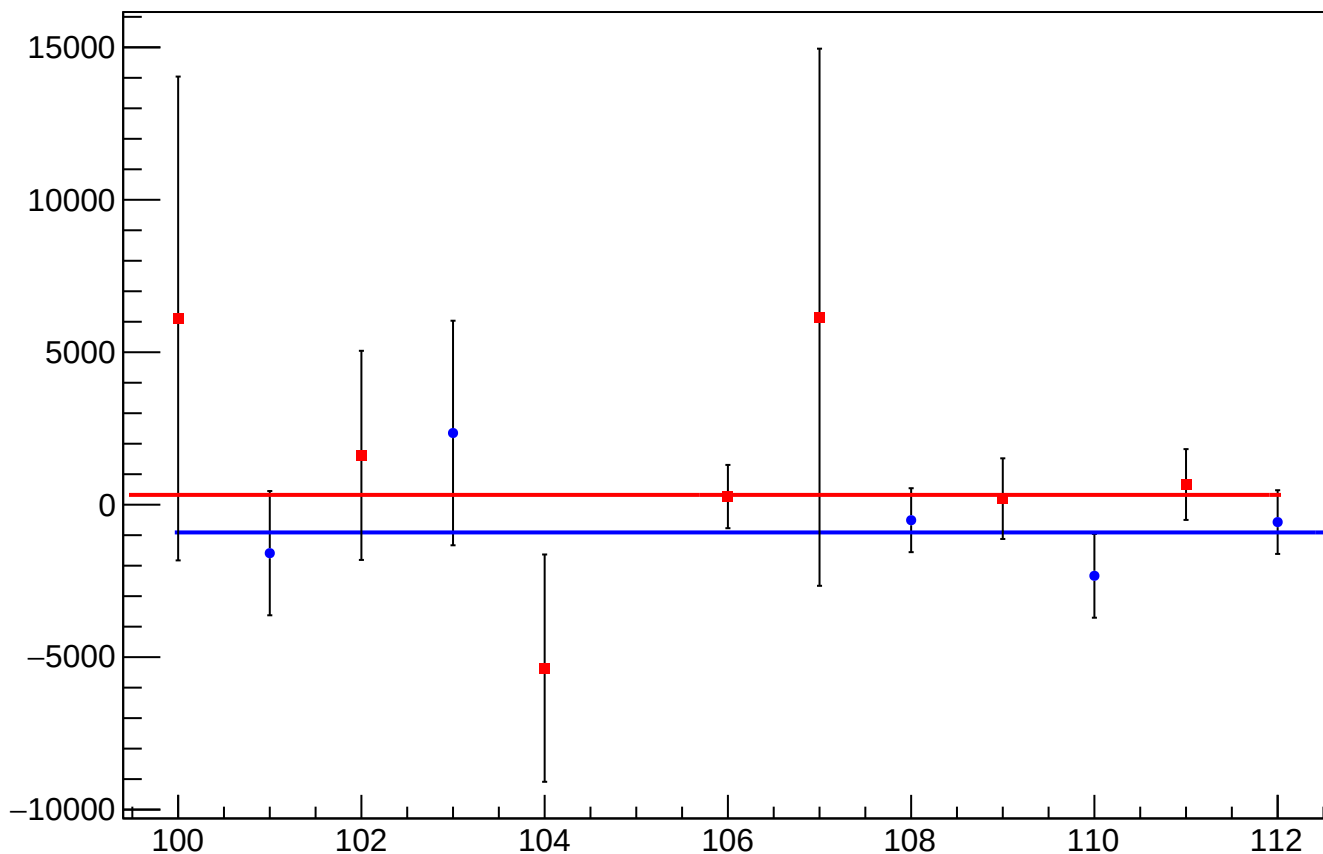
Right: 2528.875+/-0.809 χ^2/NDF : 569564.9/11

In: 2532.801+/-1.181 χ^2/NDF : 457998.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2528.875+/-0.809 χ^2/NDF : 569564.9/11

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -909.708+/-611.959 χ^2/NDF : 2.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 321.367+/-641.833 χ^2/NDF : 3.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

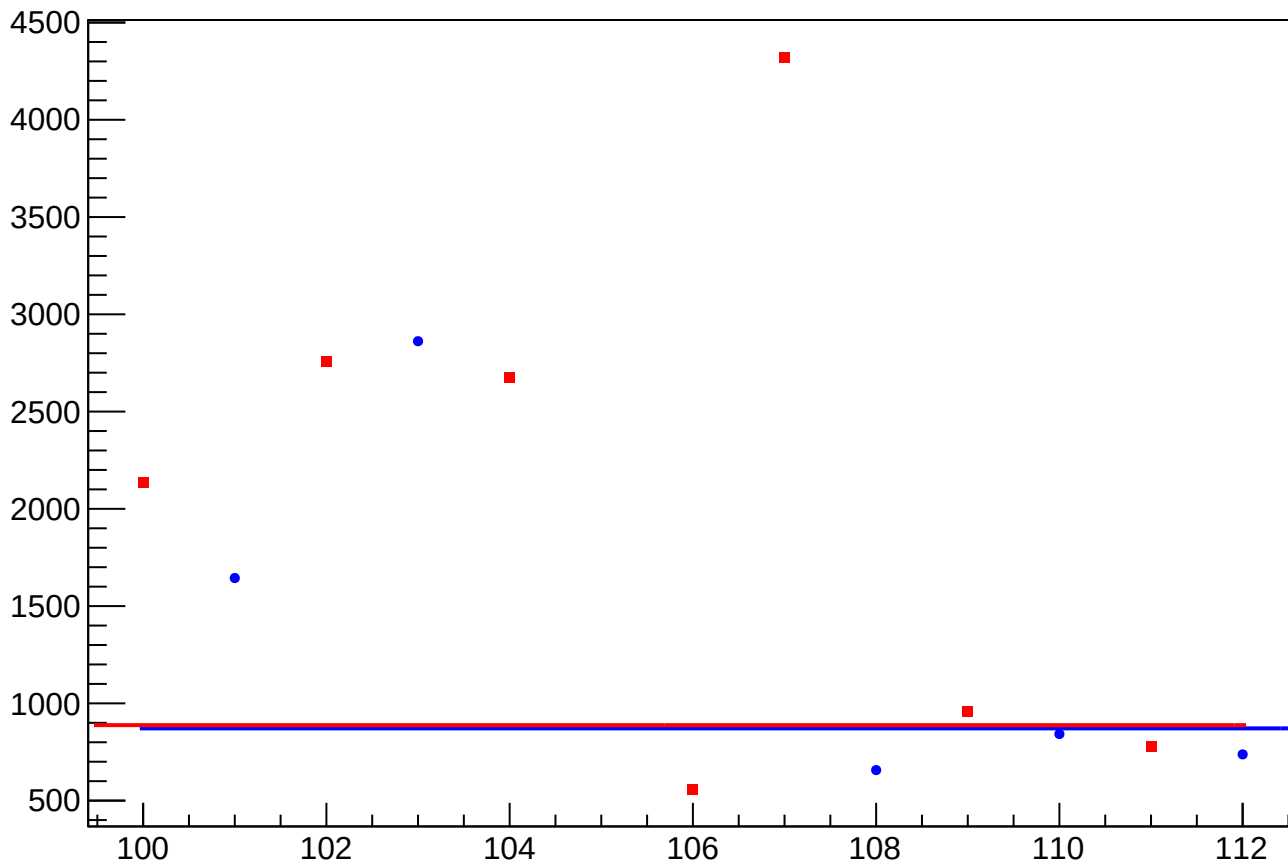
Right: -323.486+/-442.905 χ^2/NDF : 7.7/11

In: -909.708+/-611.959 χ^2/NDF : 2.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -323.486+/-442.905 χ^2/NDF : 7.7/11

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 871.436+/-0.433 χ^2/NDF : 989319.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 888.057+/-0.454 χ^2/NDF : 1633734.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

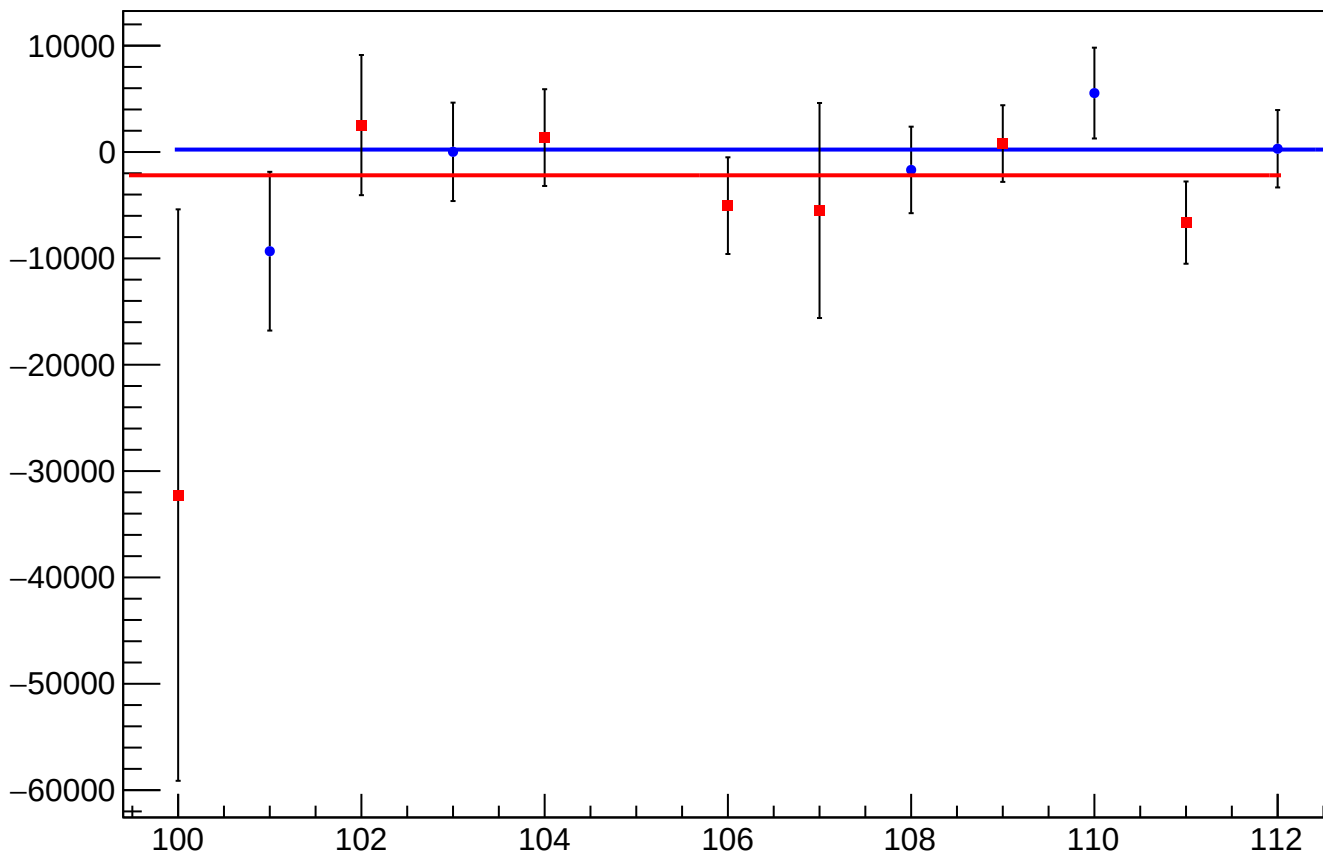
Right: 879.351+/-0.313 χ^2/NDF : 2623756.5/11

In: 871.436+/-0.433 χ^2/NDF : 989319.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 879.351+/-0.313 χ^2/NDF : 2623756.5/11

asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: 230.105+/-1978.287 χ^2/NDF : 3.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2188.769+/-1907.749 χ^2/NDF : 4.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

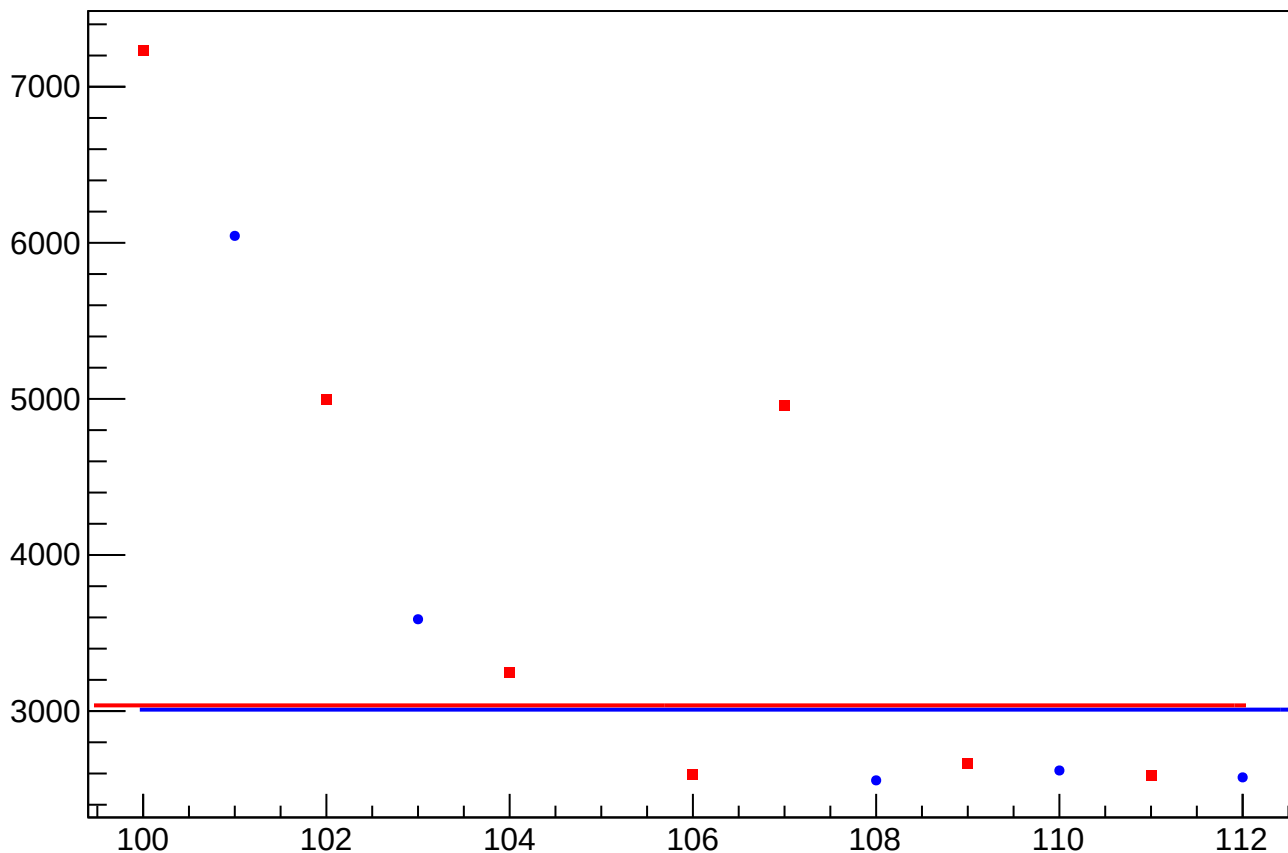
Right: -1023.224+/-1373.242 χ^2/NDF : 9.1/11

In: 230.105+/-1978.287 χ^2/NDF : 3.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1023.224+/-1373.242 χ^2/NDF : 9.1/11

asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3009.285+/-1.399 χ^2/NDF : 432141.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3036.493+/-1.349 χ^2/NDF : 369717.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

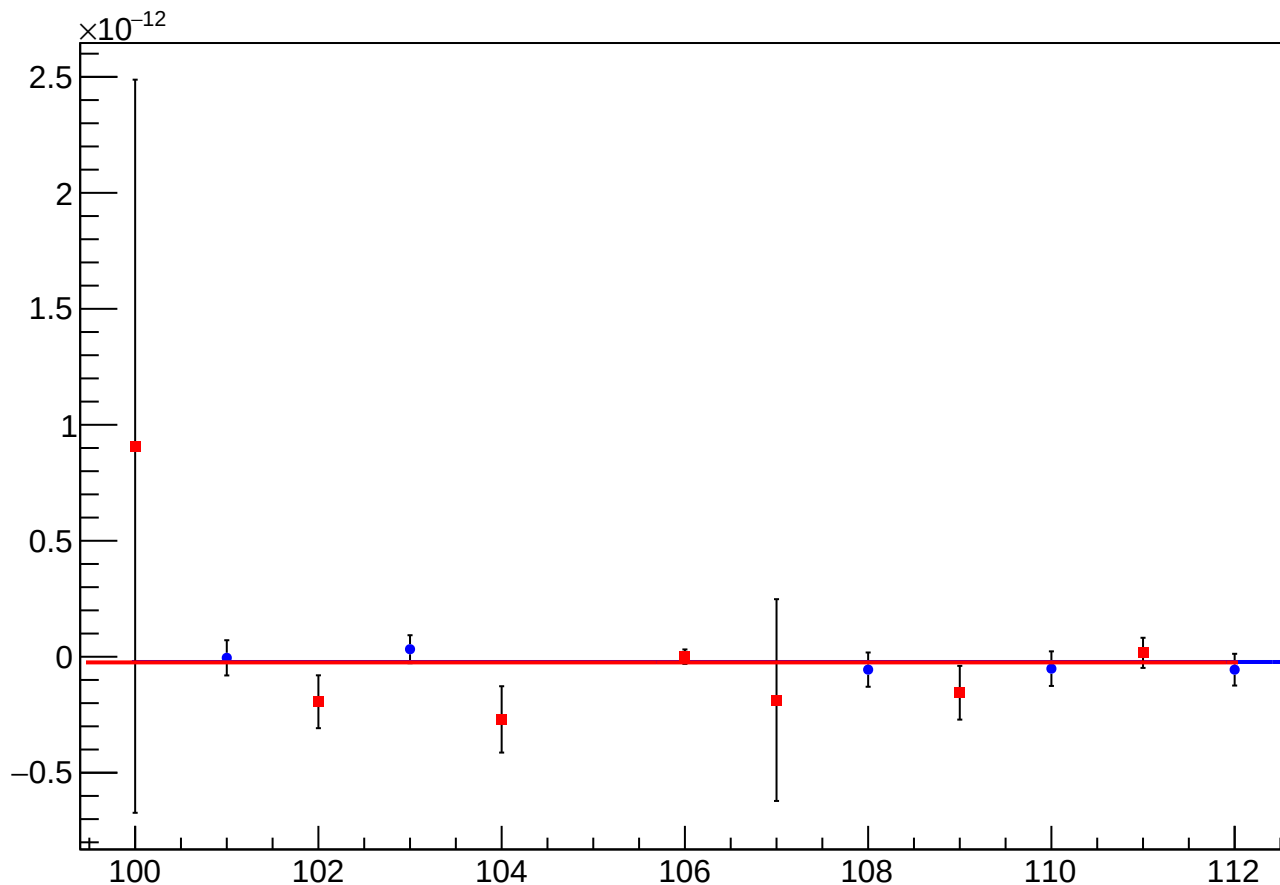
Right: 3023.383+/-0.971 χ^2/NDF : 802055.6/11

In: 3009.285+/-1.399 χ^2/NDF : 432141.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3023.383+/-0.971 χ^2/NDF : 802055.6/11

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

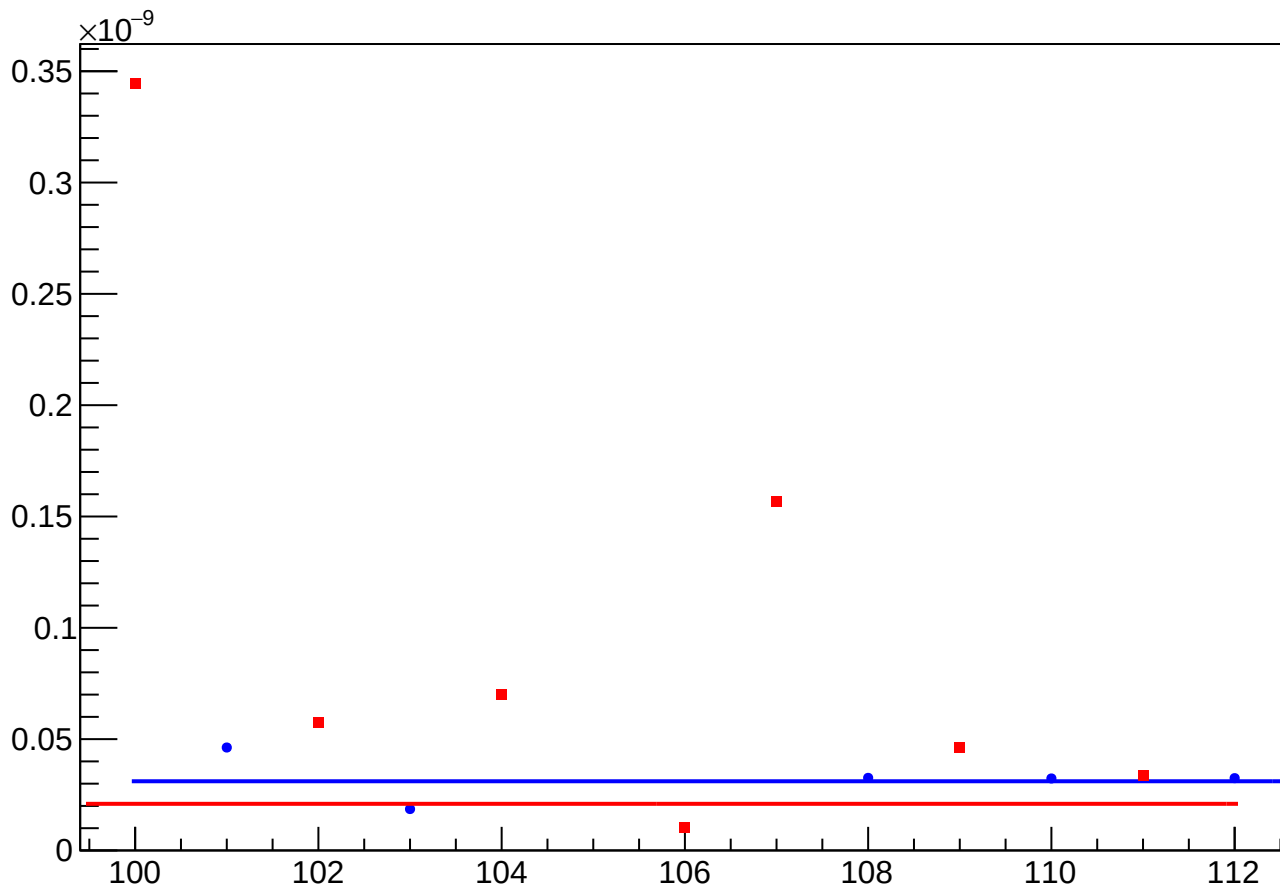
Right: -0.000+/-0.000 χ^2/NDF : 9.4/11

In: -0.000+/-0.000 χ^2/NDF : 1.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.4/11

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 167533.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1120828.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

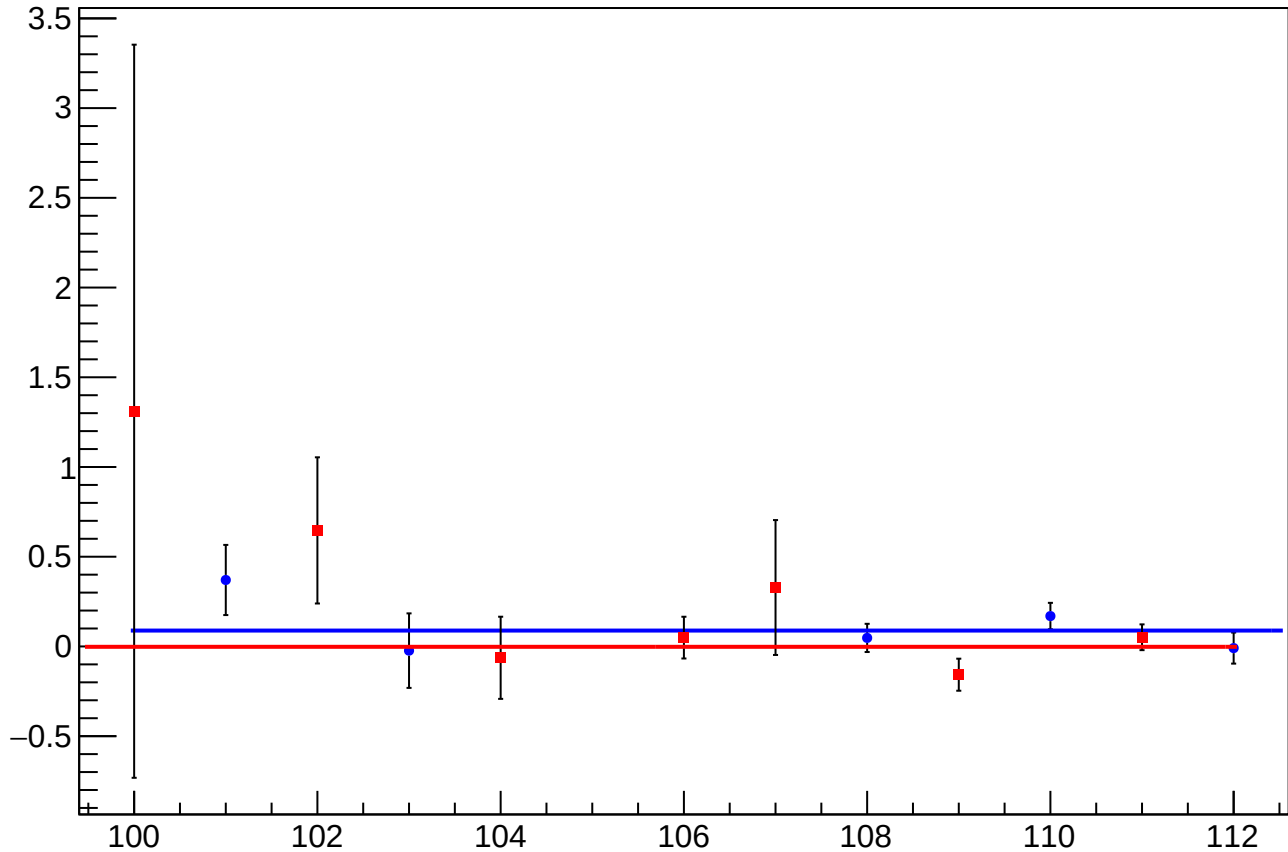
Right: 0.000+/-0.000 χ^2/NDF : 1412607.9/11

In: 0.000+/-0.000 χ^2/NDF : 167533.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1412607.9/11

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.088+/-0.043 χ^2/NDF : 5.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.002+/-0.048 χ^2/NDF : 7.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

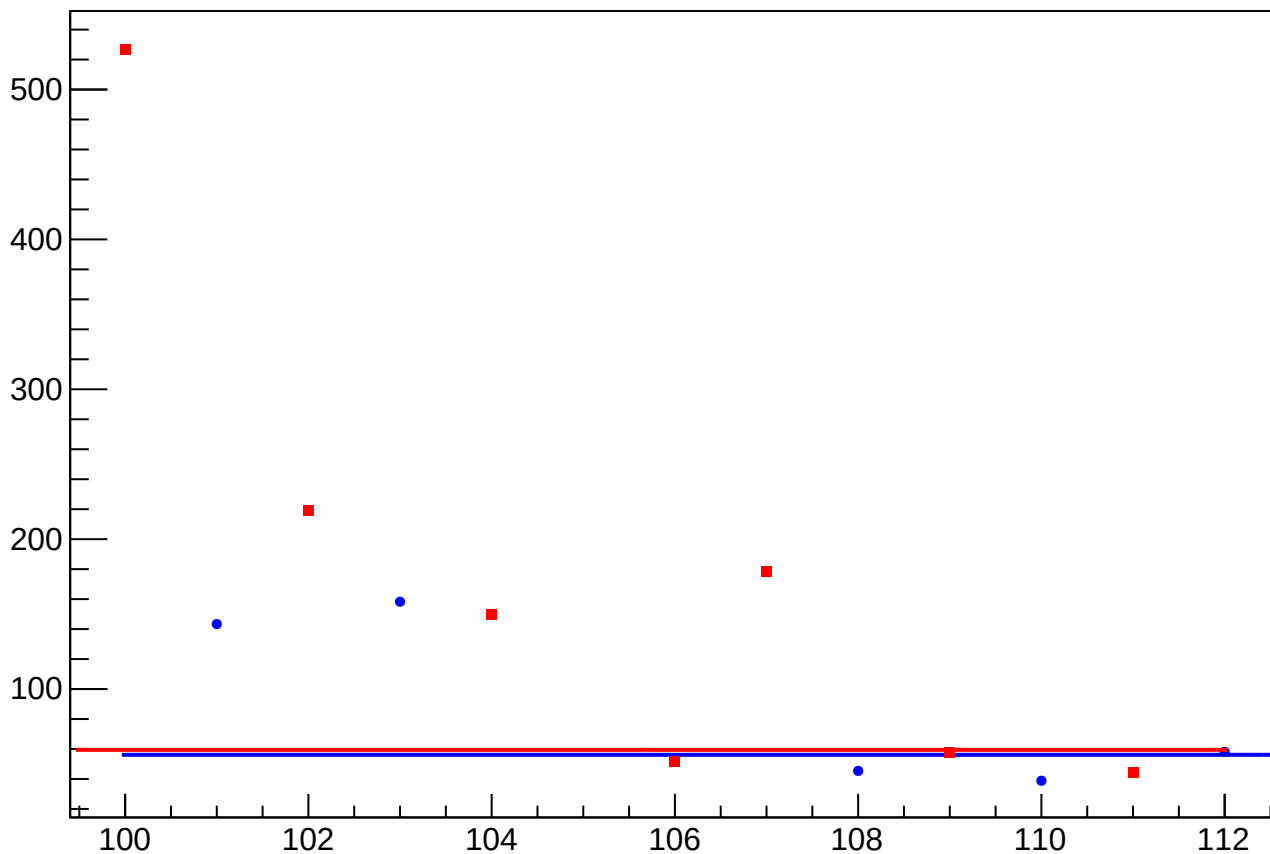
Right: 0.048+/-0.032 χ^2/NDF : 14.6/11

In: 0.088+/-0.043 χ^2/NDF : 5.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.048+/-0.032 χ^2/NDF : 14.6/11

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.119+/-0.031 χ^2/NDF : 1031084.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.441+/-0.034 χ^2/NDF : 1018743.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

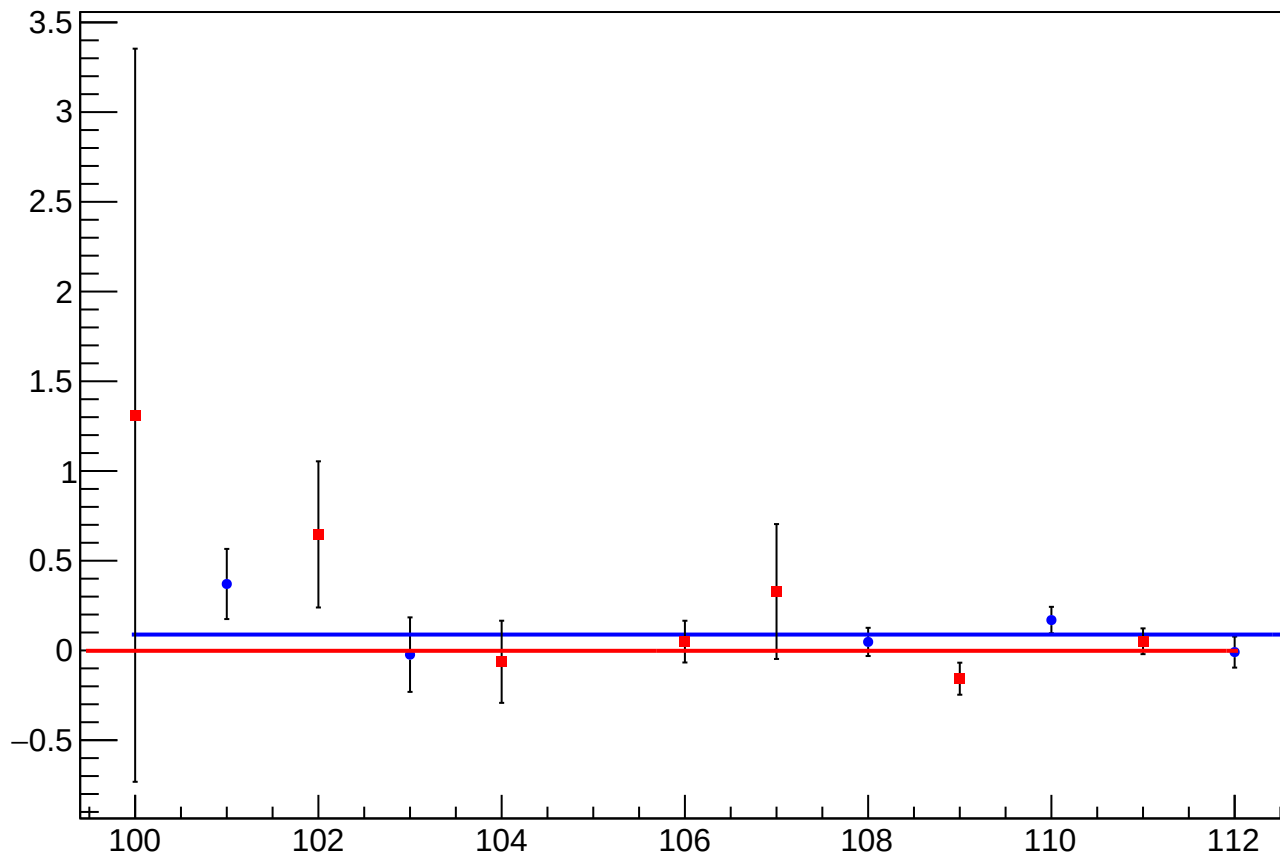
Right: 57.601+/-0.023 χ^2/NDF : 2055031.7/11

In: 56.119+/-0.031 χ^2/NDF : 1031084.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.601+/-0.023 χ^2/NDF : 2055031.7/11

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.088 $\pm$ 0.043 χ^2 /NDF: 5.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.002 $\pm$ 0.048 χ^2 /NDF: 7.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

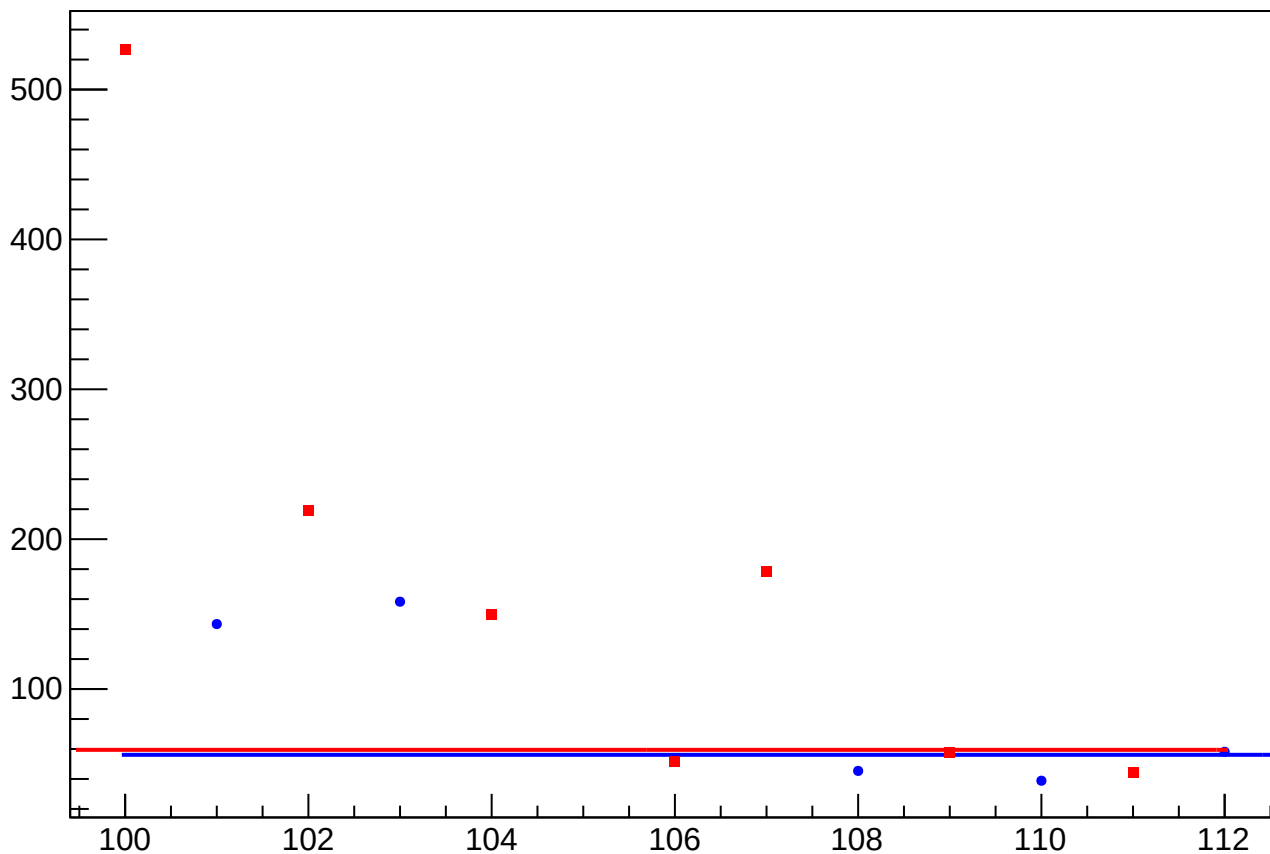
Right: 0.048 $\pm$ 0.032 χ^2 /NDF: 14.6/11

In: 0.088 $\pm$ 0.043 χ^2 /NDF:5.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.048 $\pm$ 0.032 χ^2 /NDF: 14.6/11

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.119+/-0.031 χ^2/NDF : 1031084.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.441+/-0.034 χ^2/NDF : 1018743.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

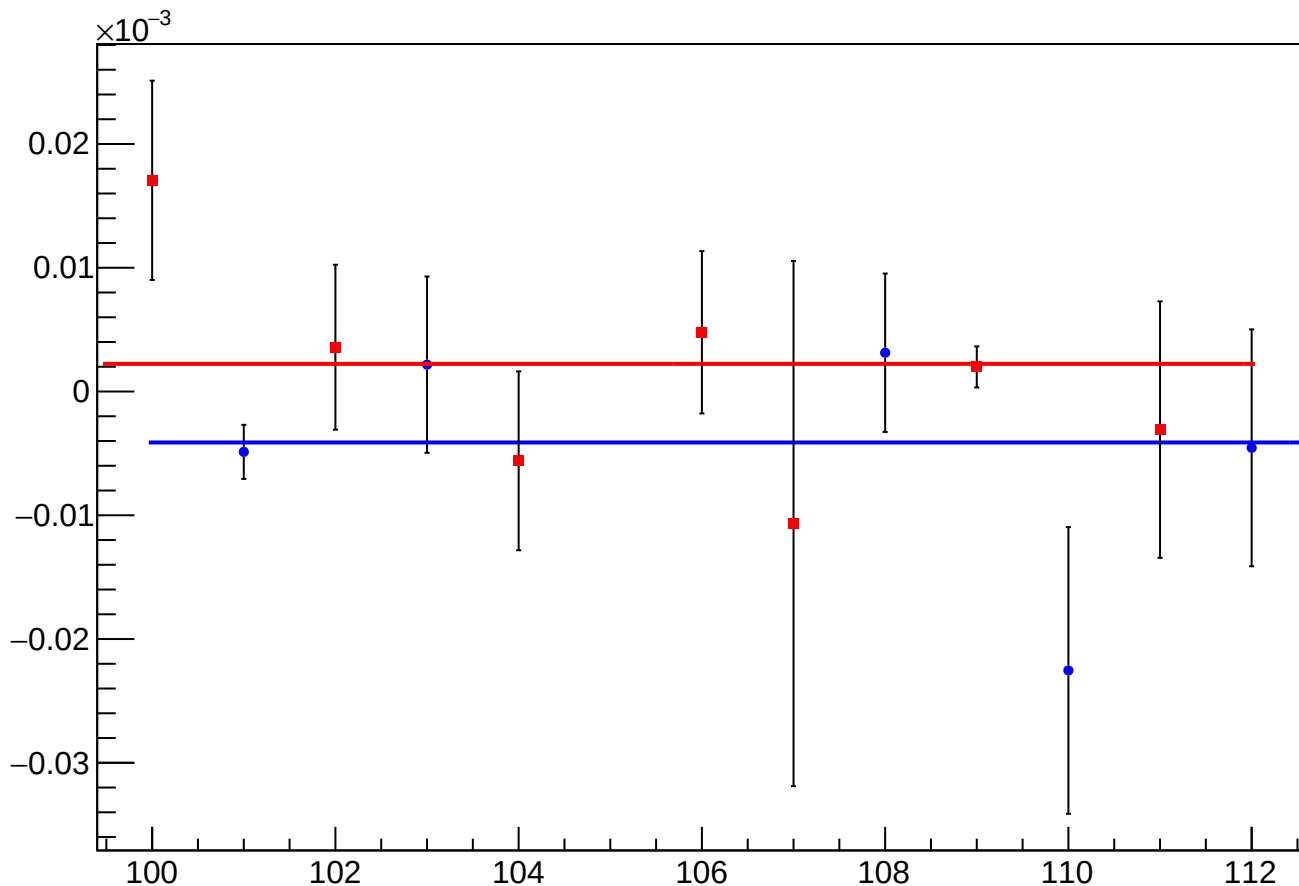
Right: 57.601+/-0.023 χ^2/NDF : 2055031.7/11

In: 56.119+/-0.031 χ^2/NDF : 1031084.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.601+/-0.023 χ^2/NDF : 2055031.7/11

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

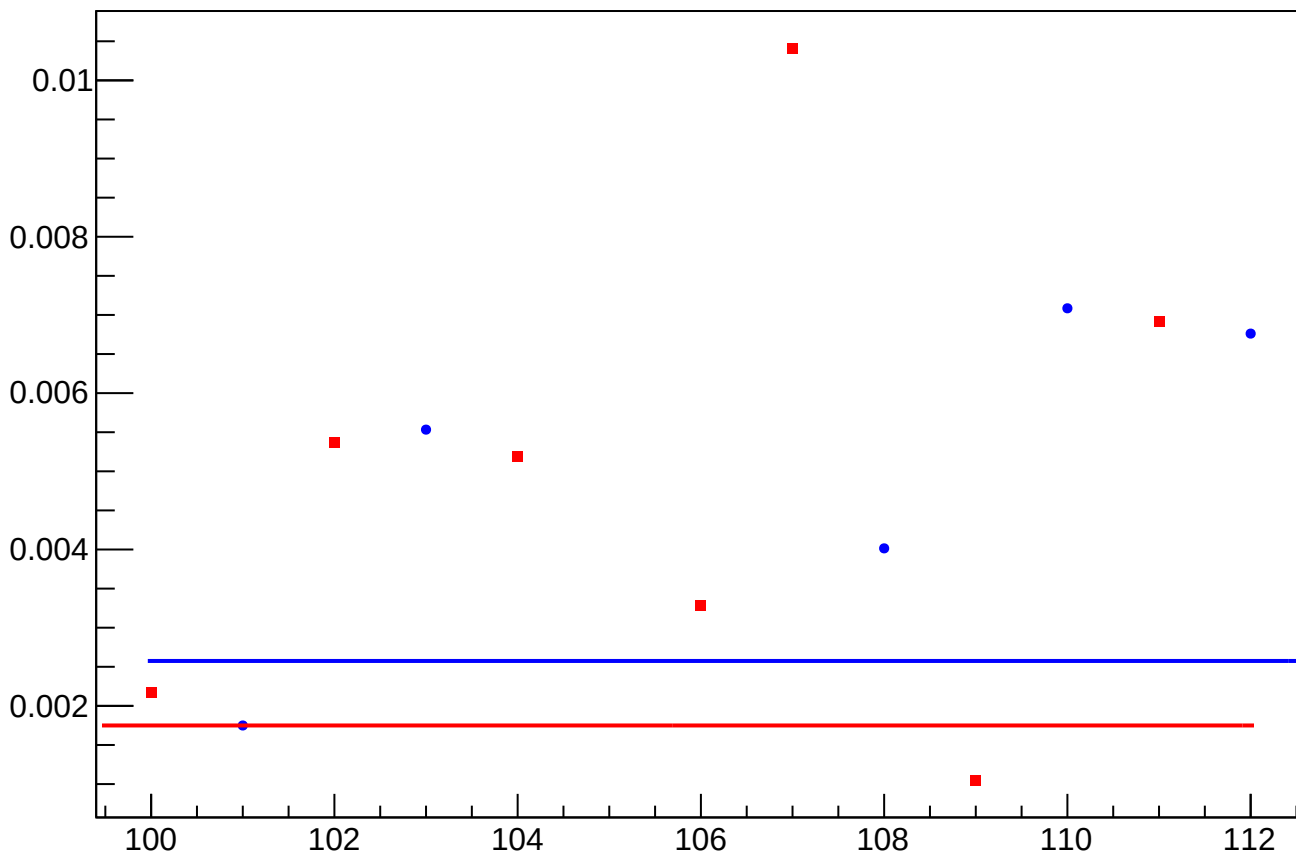
Right: -0.000+/-0.000 χ^2/NDF : 17.0/11

In: -0.000+/-0.000 χ^2/NDF : 4.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.0/11

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 : 1417367.4/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2351182.1/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

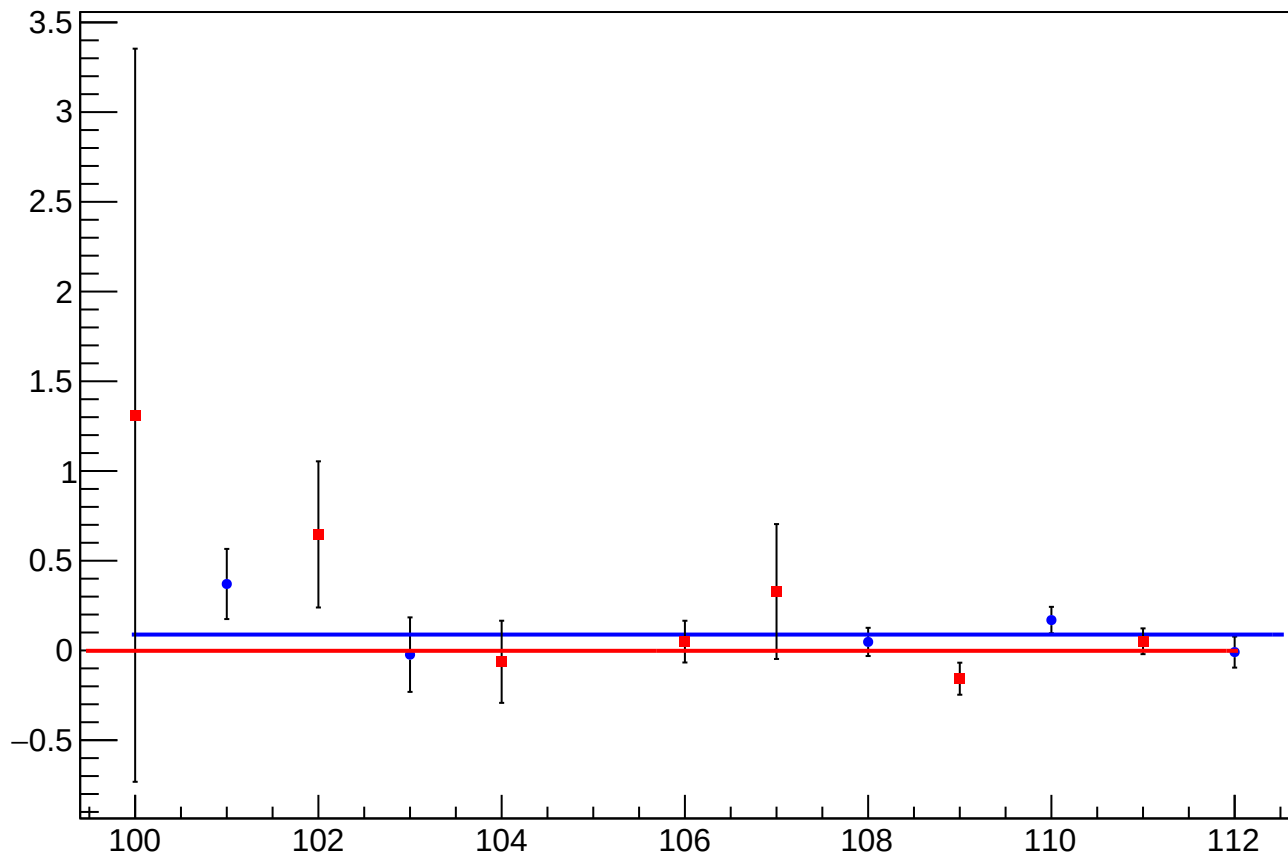
Right: 0.002+/-0.000 χ^2/NDF : 4000279.8/11

In: 0.003+/-0.000 χ^2/NDF :1417367.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4000279.8/11

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.088 $\pm$ 0.043 χ^2 /NDF: 5.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.002 $\pm$ 0.048 χ^2 /NDF: 7.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

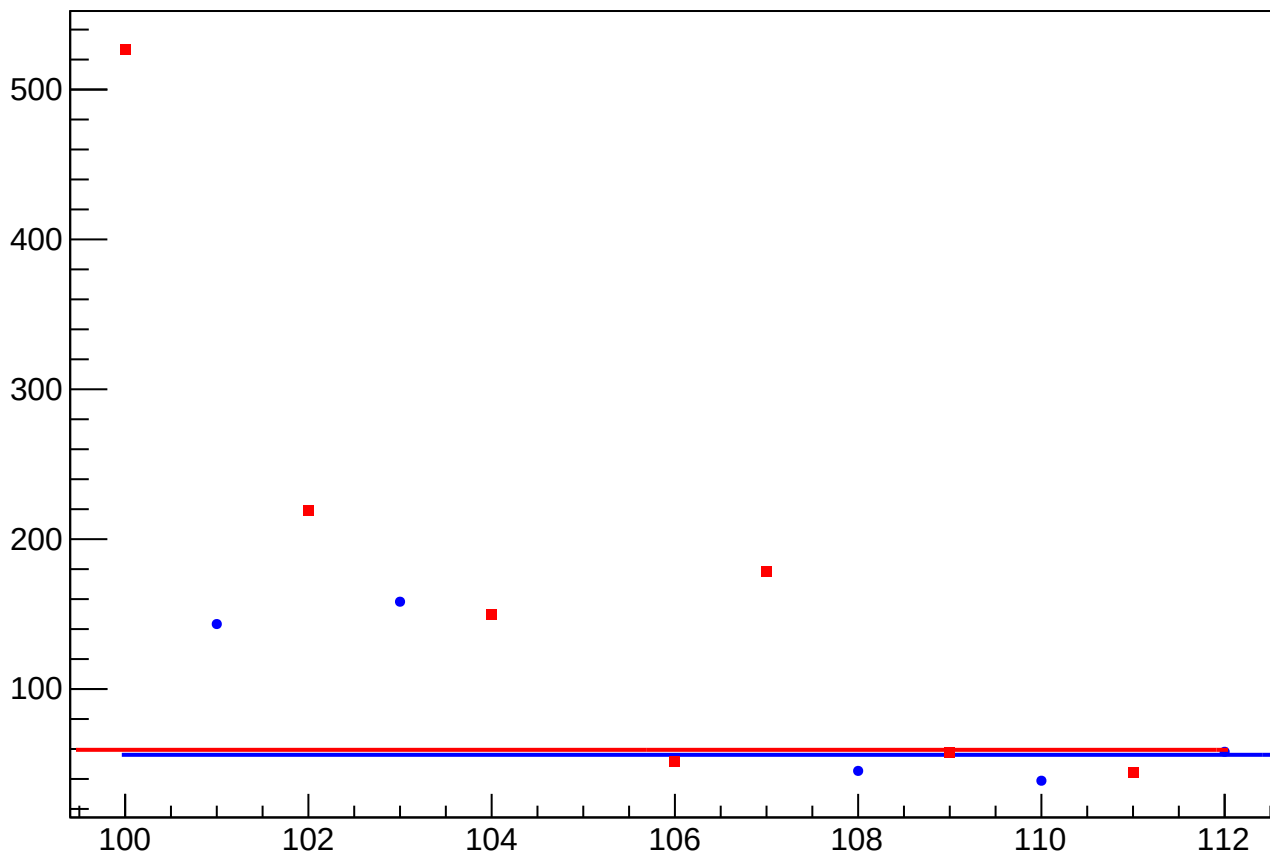
Right: 0.048 $\pm$ 0.032 χ^2 /NDF: 14.6/11

In: 0.088 $\pm$ 0.043 χ^2 /NDF:5.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.048 $\pm$ 0.032 χ^2 /NDF: 14.6/11

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.118+/-0.031 χ^2/NDF : 1031130.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.443+/-0.034 χ^2/NDF : 1018680.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

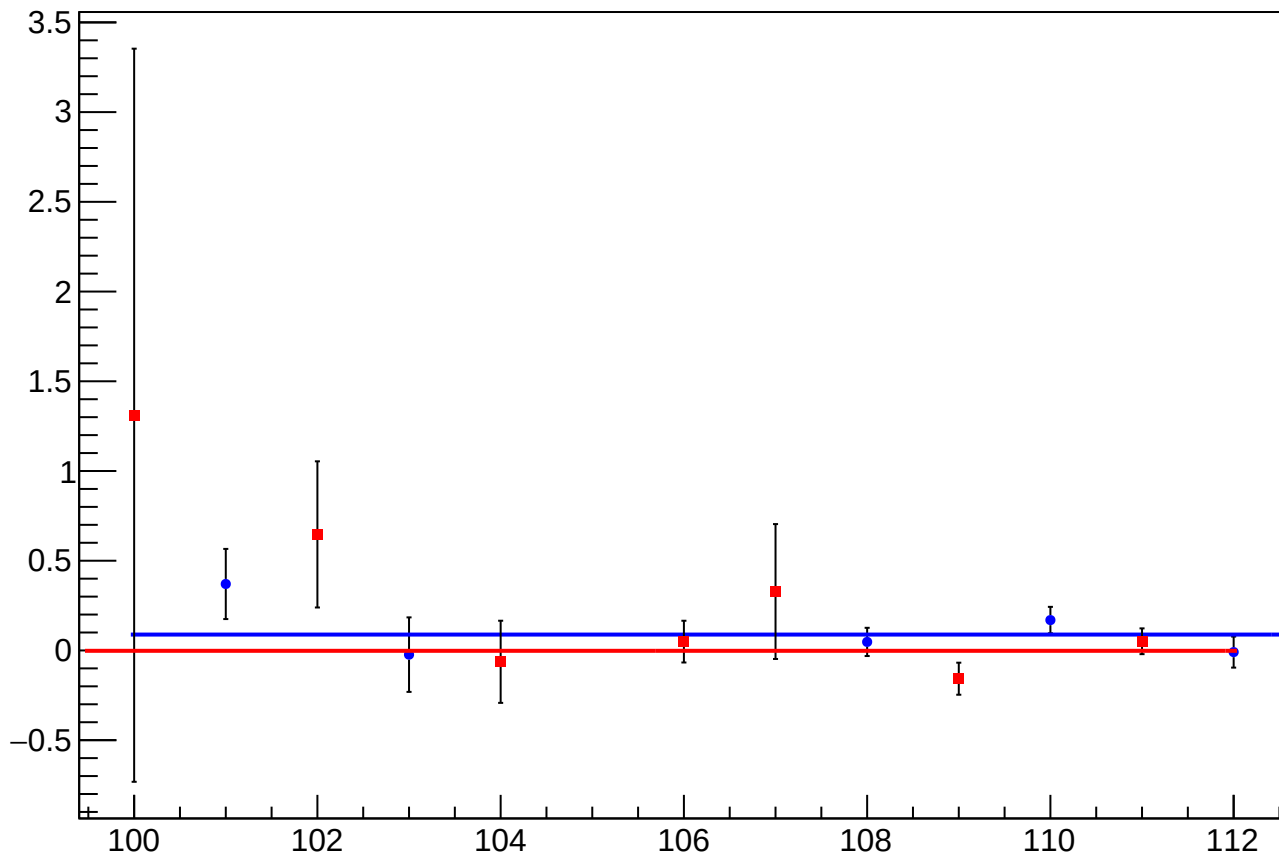
Right: 57.601+/-0.023 χ^2/NDF : 2055024.9/11

In: 56.118+/-0.031 χ^2/NDF : 1031130.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.601+/-0.023 χ^2/NDF : 2055024.9/11

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.088+/-0.043 χ^2/NDF : 5.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.002+/-0.048 χ^2/NDF : 7.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

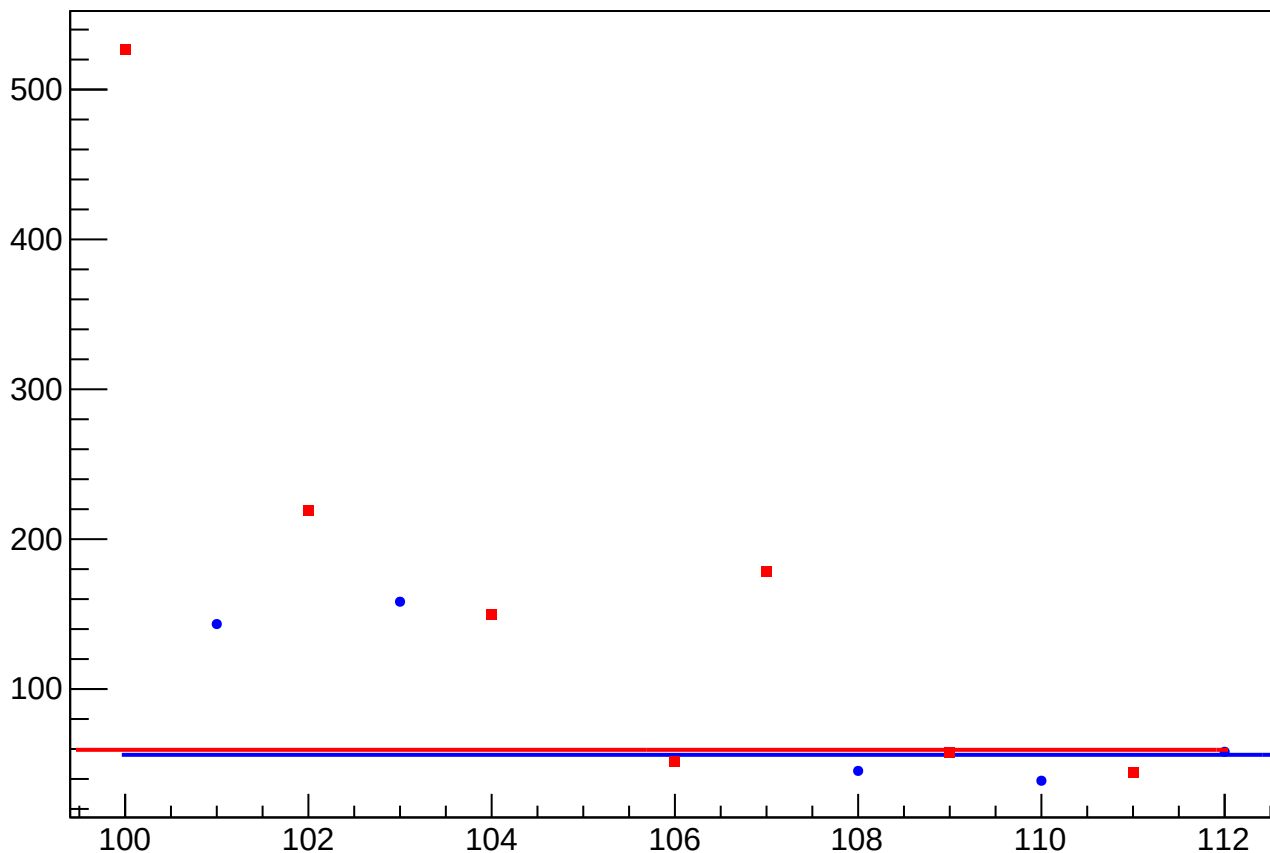
Right: 0.048+/-0.032 χ^2/NDF : 14.6/11

In: 0.088+/-0.043 χ^2/NDF : 5.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.048+/-0.032 χ^2/NDF : 14.6/11

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.118+/-0.031 χ^2/NDF : 1031130.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.443+/-0.034 χ^2/NDF : 1018680.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

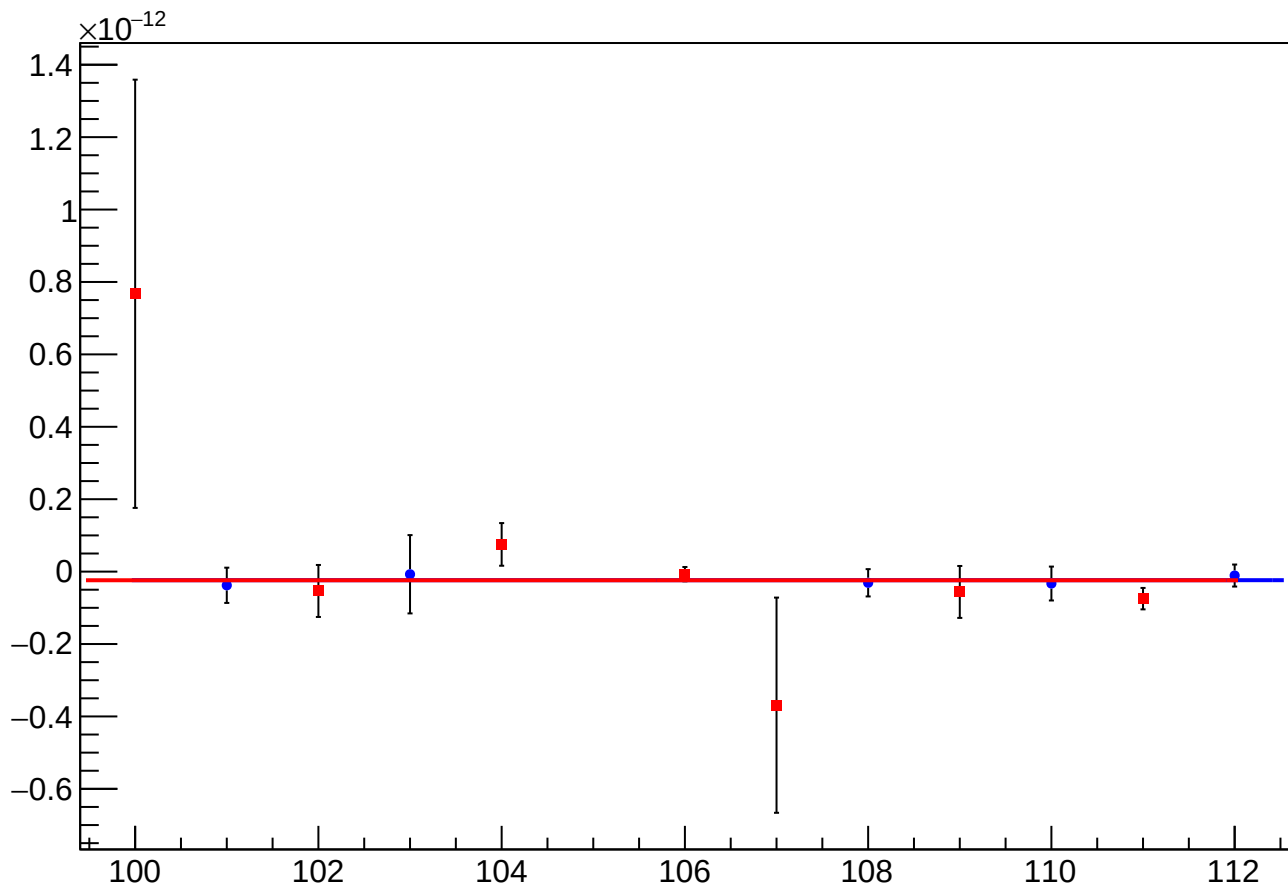
Right: 57.601+/-0.023 χ^2/NDF : 2055024.9/11

In: 56.118+/-0.031 χ^2/NDF : 1031130.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.601+/-0.023 χ^2/NDF : 2055024.9/11

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 : 0.4/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.0/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

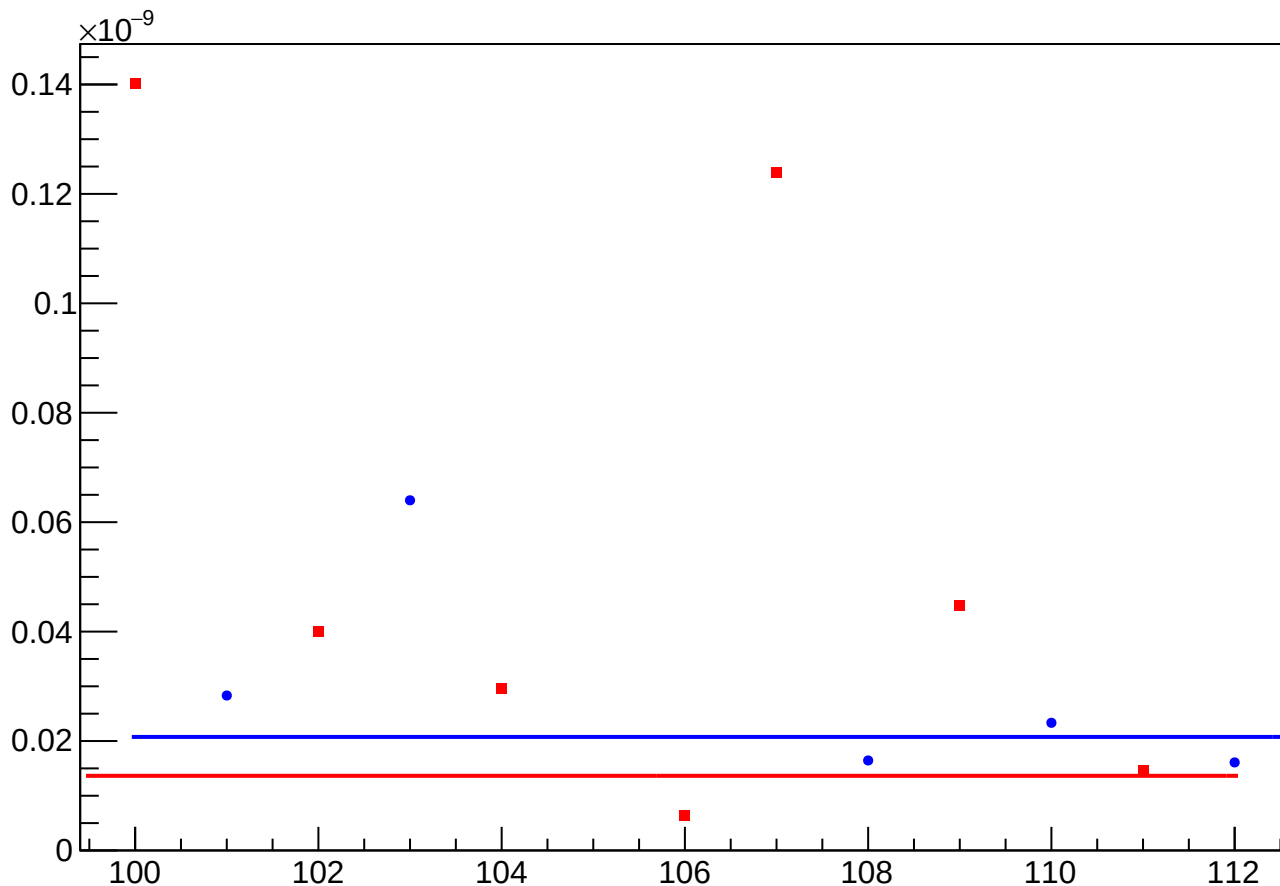
Right: -0.000+/-0.000 χ^2/NDF : 10.4/11

In: -0.000+/-0.000 χ^2/NDF :0.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.4/11

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 : 447353.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1434105.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

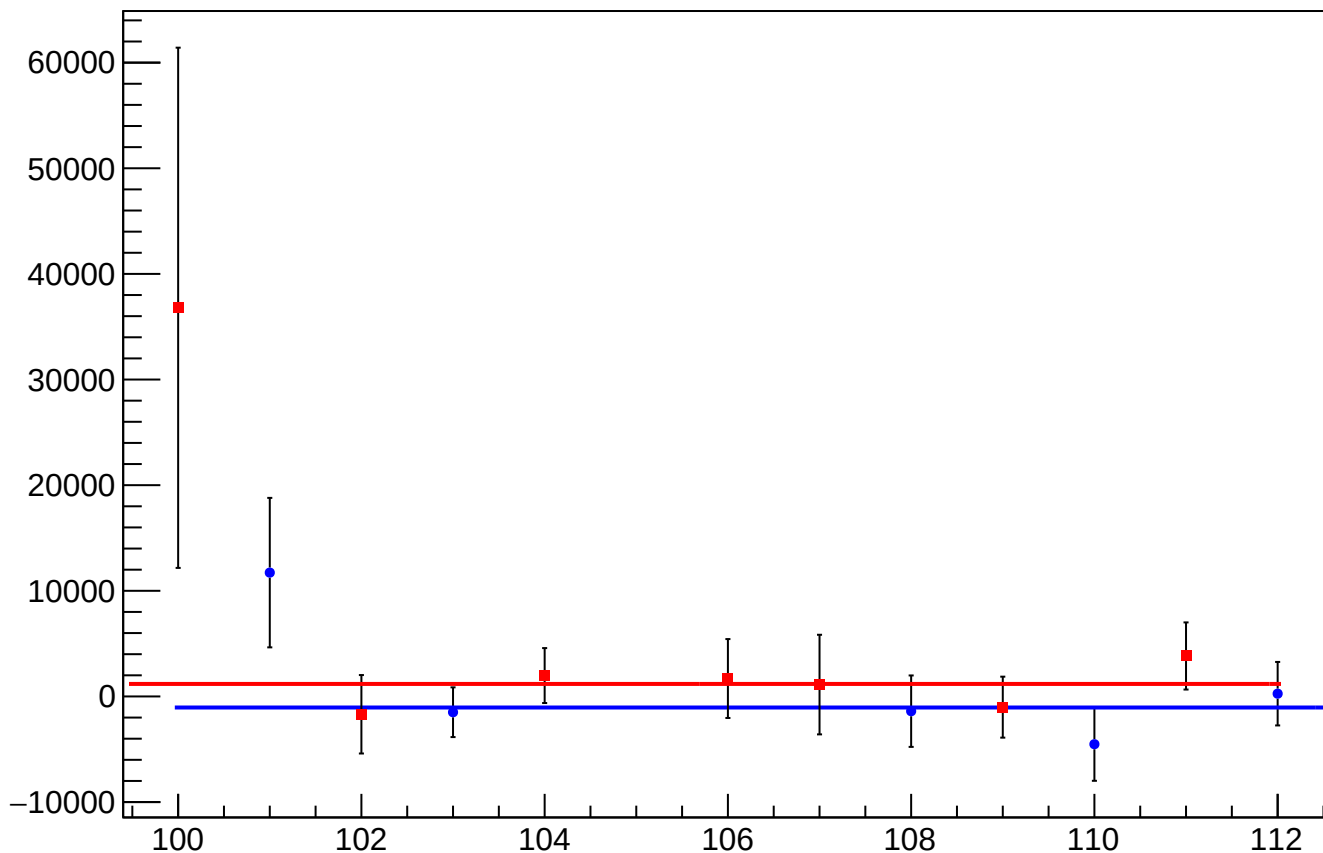
Right: 0.000+/-0.000 χ^2/NDF : 2052327.6/11

In: 0.000+/-0.000 χ^2/NDF : 447353.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2052327.6/11

reg_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -1047.416+/-1440.598 χ^2/NDF : 4.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1183.909+/-1338.992 χ^2/NDF : 4.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

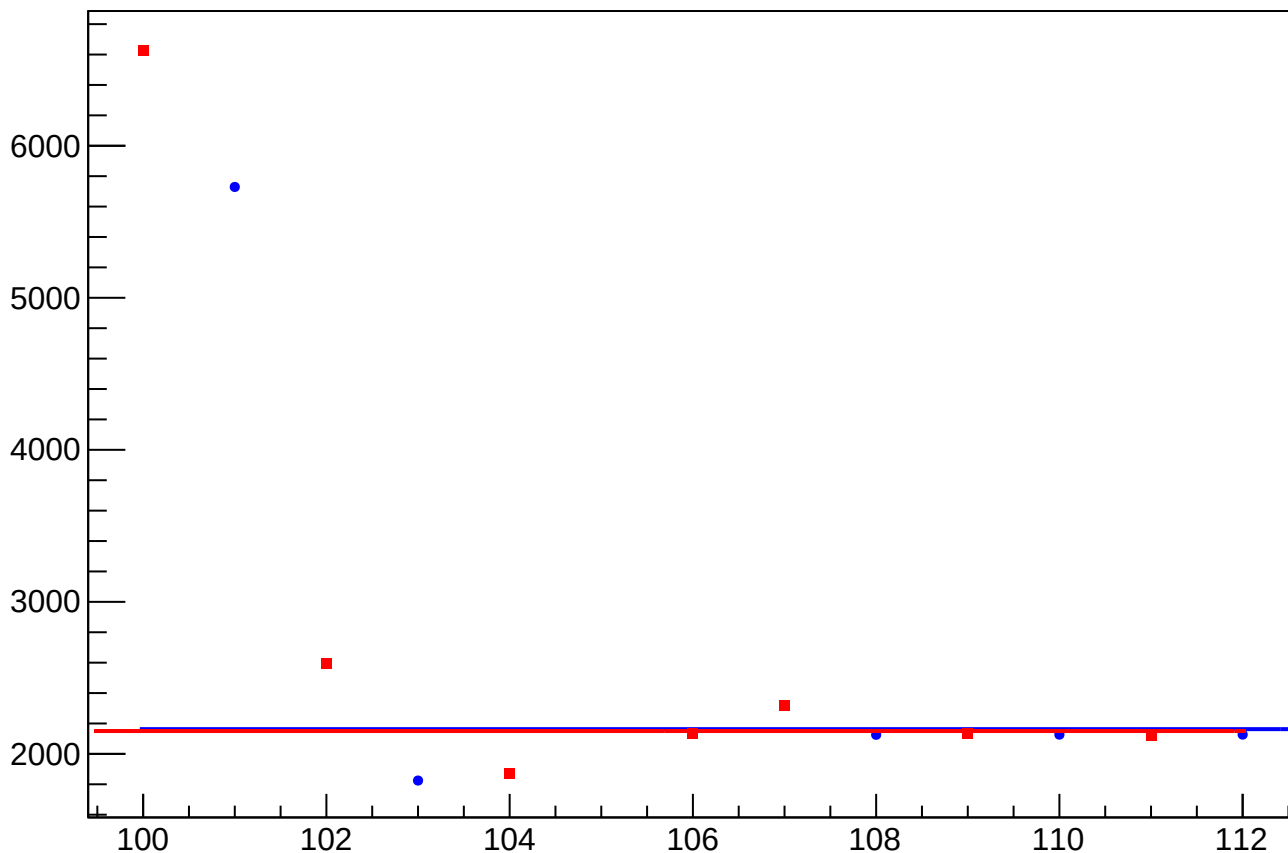
Right: 149.702+/-980.765 χ^2/NDF : 9.9/11

In: -1047.416+/-1440.598 χ^2/NDF : 4.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.702+/-980.765 χ^2/NDF : 9.9/11

reg_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2162.730+/-1.019 χ^2/NDF : 550219.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2150.387+/-0.947 χ^2/NDF : 120141.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

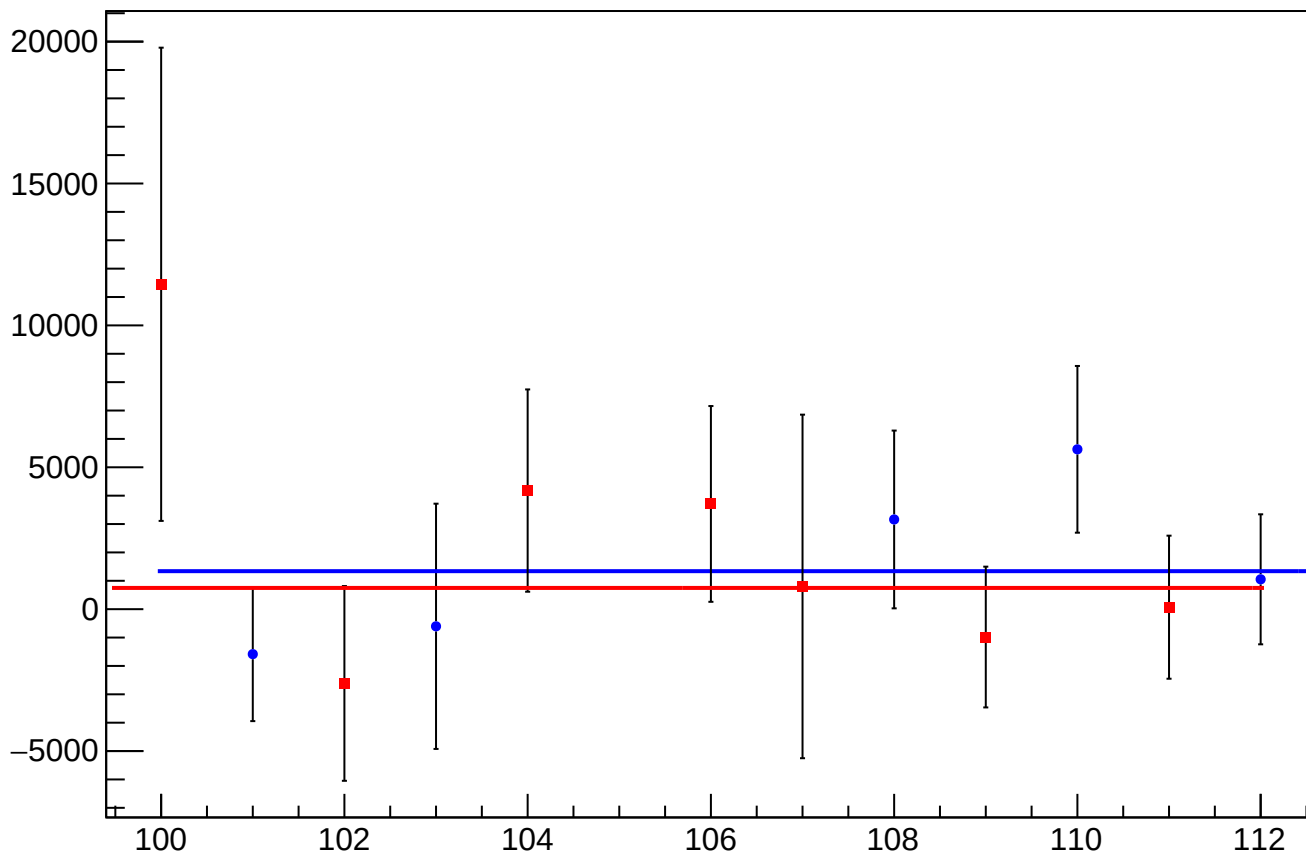
Right: 2156.107+/-0.694 χ^2/NDF : 670439.8/11

In: 2162.730+/-1.019 χ^2/NDF : 550219.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2156.107+/-0.694 χ^2/NDF : 670439.8/11

asym_us_dd_at1lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 1339.422+/-1248.707 χ^2/NDF : 4.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 748.839+/-1281.051 χ^2/NDF : 4.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

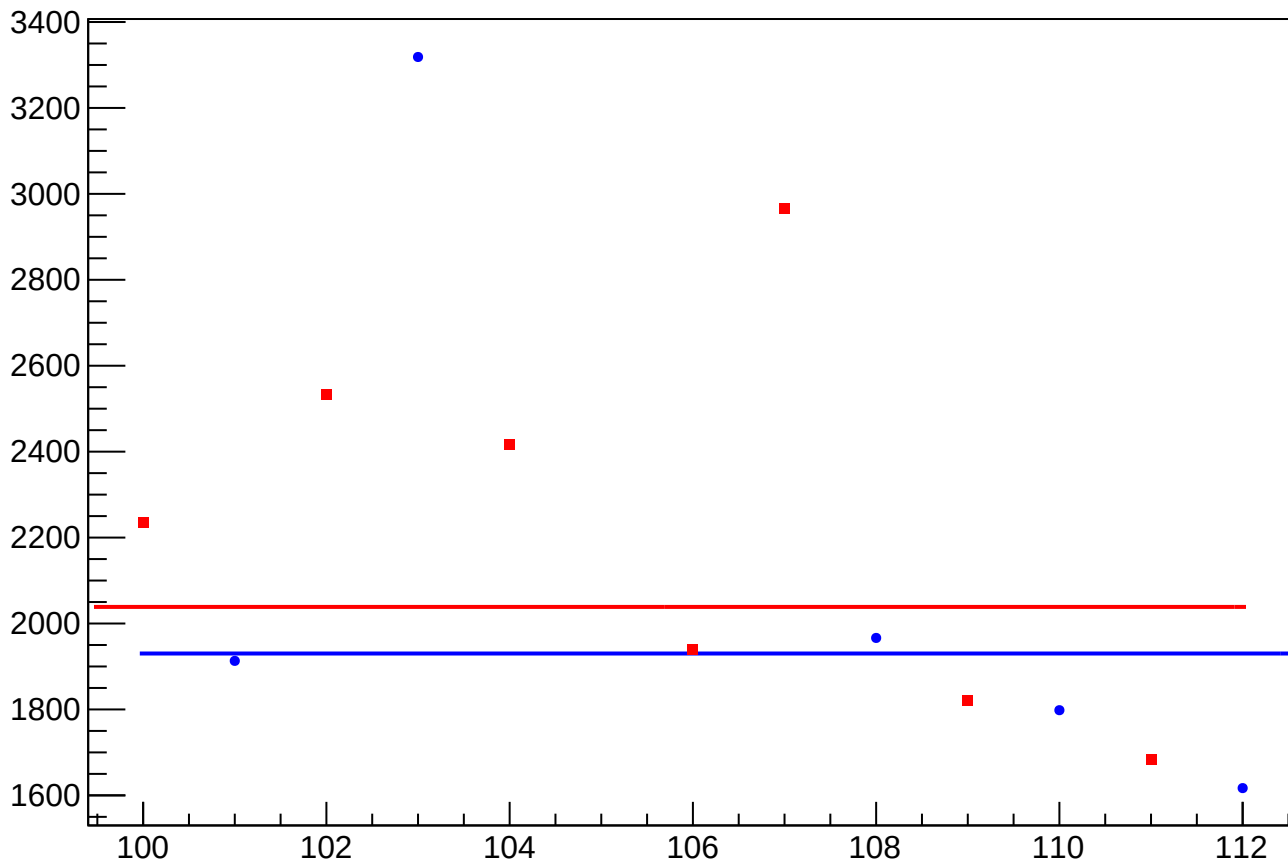
Right: 1051.680+/-894.185 χ^2/NDF : 9.2/11

In: 1339.422+/-1248.707 χ^2/NDF : 4.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1051.680+/-894.185 χ^2/NDF : 9.2/11

asym_us_dd_at1lr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1930.185+/-0.883 χ^2/NDF : 248275.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2038.629+/-0.906 χ^2/NDF : 169194.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

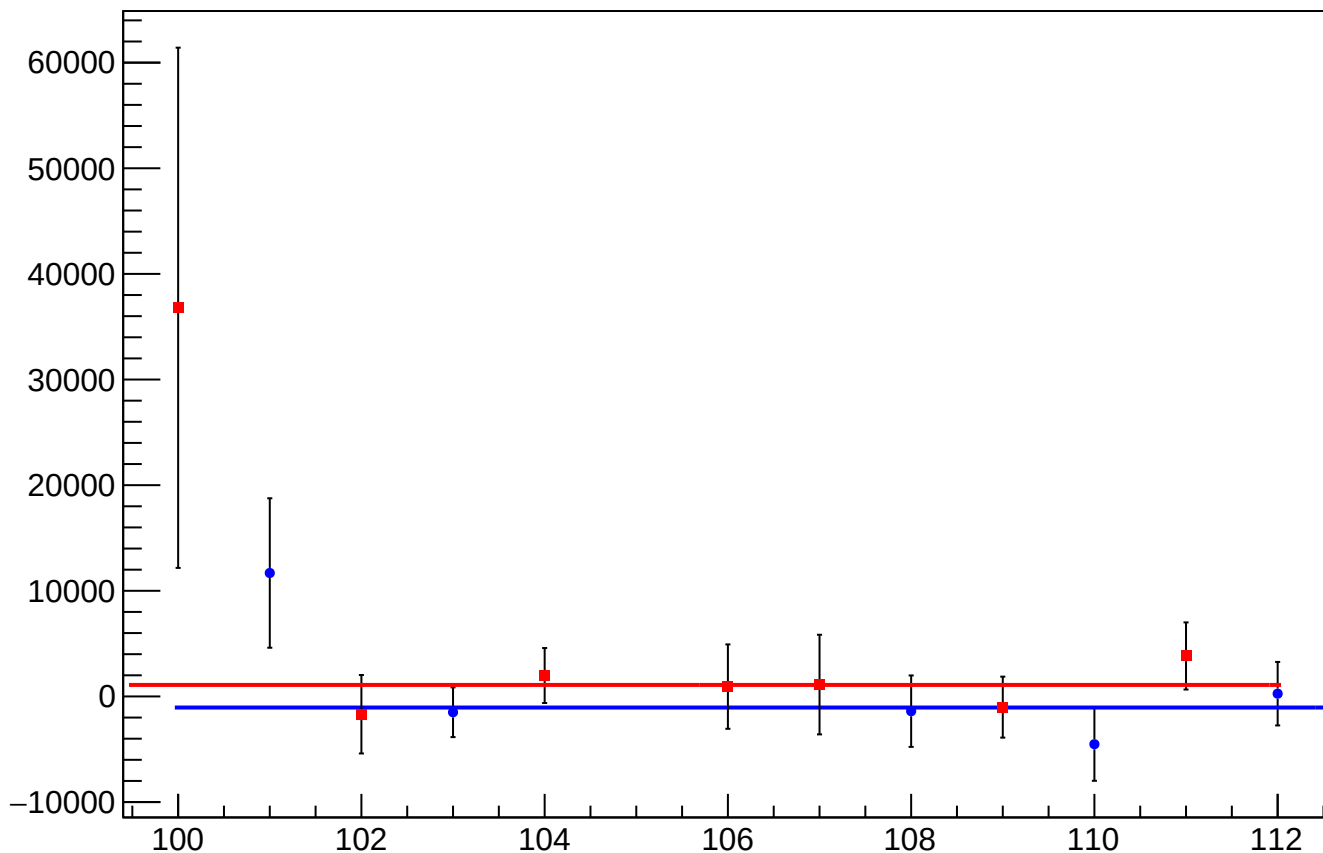
Right: 1983.021+/-0.632 χ^2/NDF : 424819.9/11

In: 1930.185+/-0.883 χ^2/NDF : 248275.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1983.021+/-0.632 χ^2/NDF : 424819.9/11

cor_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -1049.971+/-1440.599 χ^2 /NDF: 4.5/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1090.118+/-1349.905 χ^2 /NDF: 4.1/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

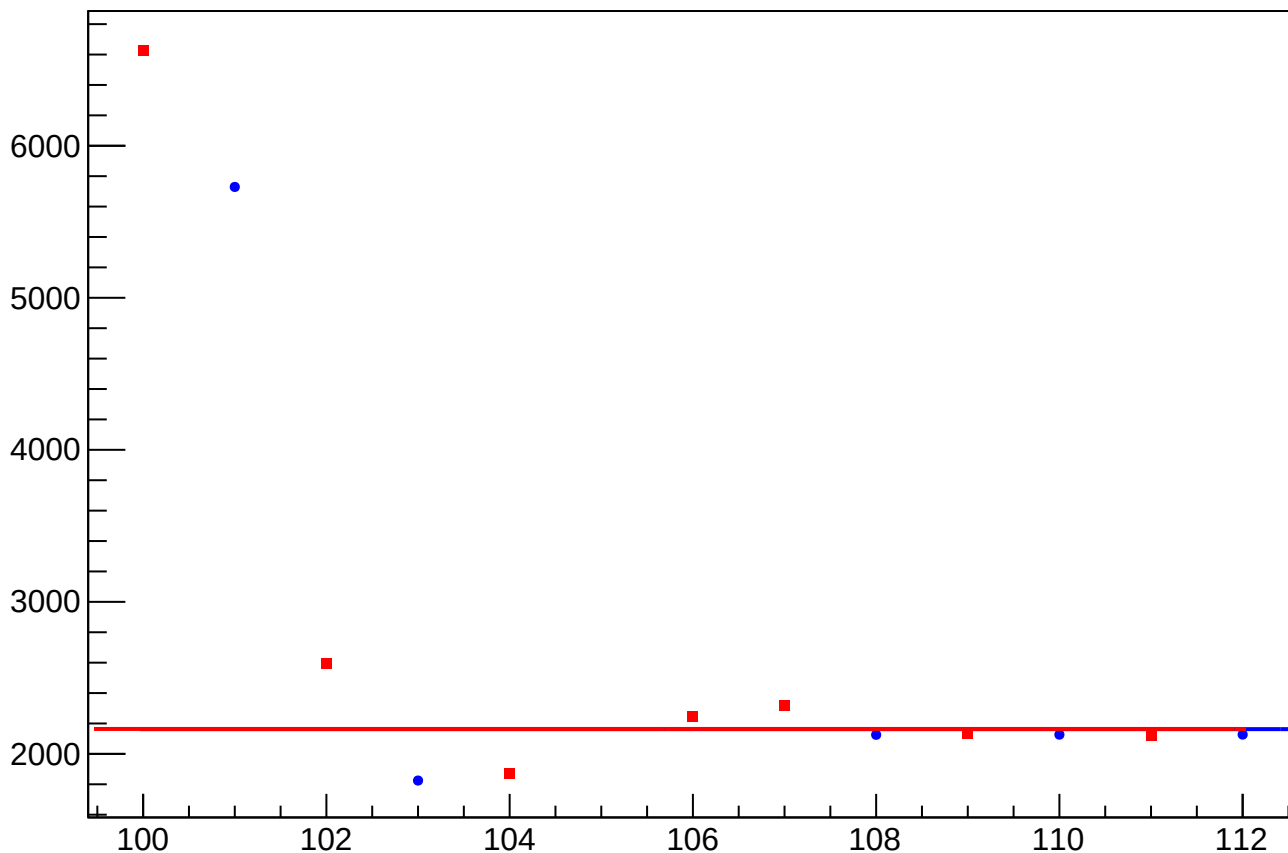
Right: 89.555+/-985.030 χ^2 /NDF: 9.7/11

In: -1049.971+/-1440.599 χ^2 /NDF:4.5/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 89.555+/-985.030 χ^2 /NDF: 9.7/11

cor_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2162.730+/-1.019 χ^2/NDF : 550219.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2164.010+/-0.955 χ^2/NDF : 121113.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

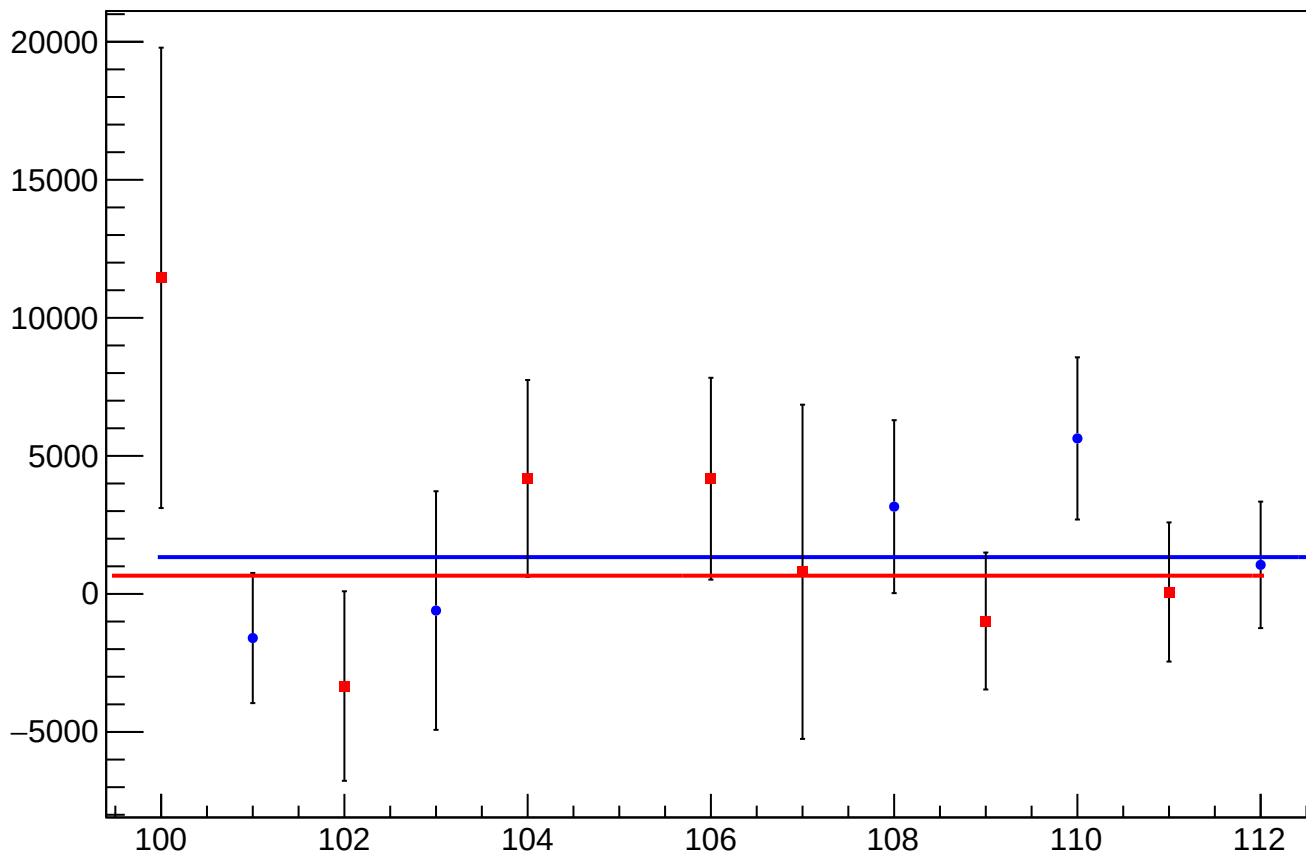
Right: 2163.412+/-0.697 χ^2/NDF : 671333.9/11

In: 2162.730+/-1.019 χ^2/NDF : 550219.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2163.412+/-0.697 χ^2/NDF : 671333.9/11

asym_us_dd_at1lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1333.479+/-1248.236 χ^2/NDF : 4.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 660.745+/-1290.938 χ^2/NDF : 5.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

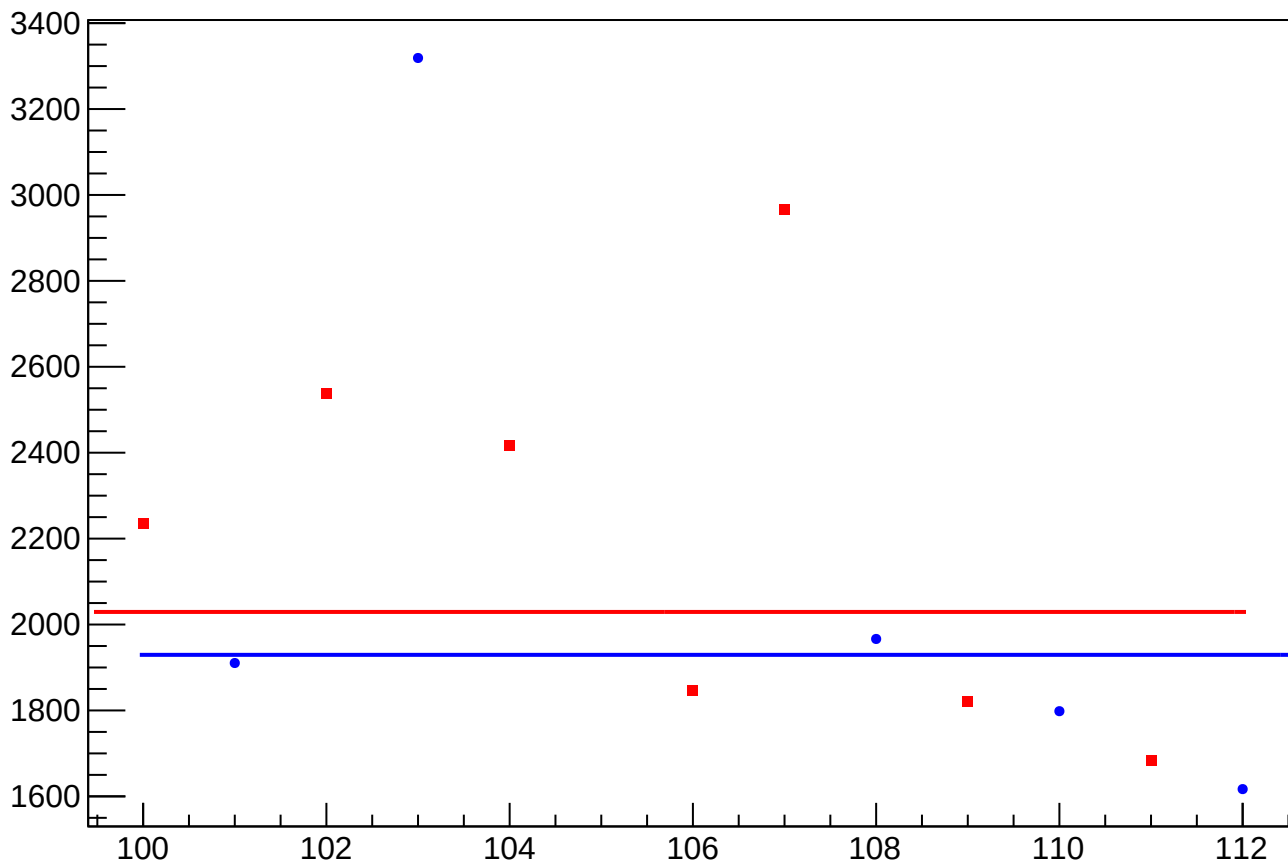
Right: 1008.422+/-897.353 χ^2/NDF : 9.8/11

In: 1333.479+/-1248.236 χ^2/NDF : 4.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1008.422+/-897.353 χ^2/NDF : 9.8/11

asym_us_dd_at1lr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1929.433+/-0.883 χ^2/NDF : 248361.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2029.315+/-0.913 χ^2/NDF : 173833.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

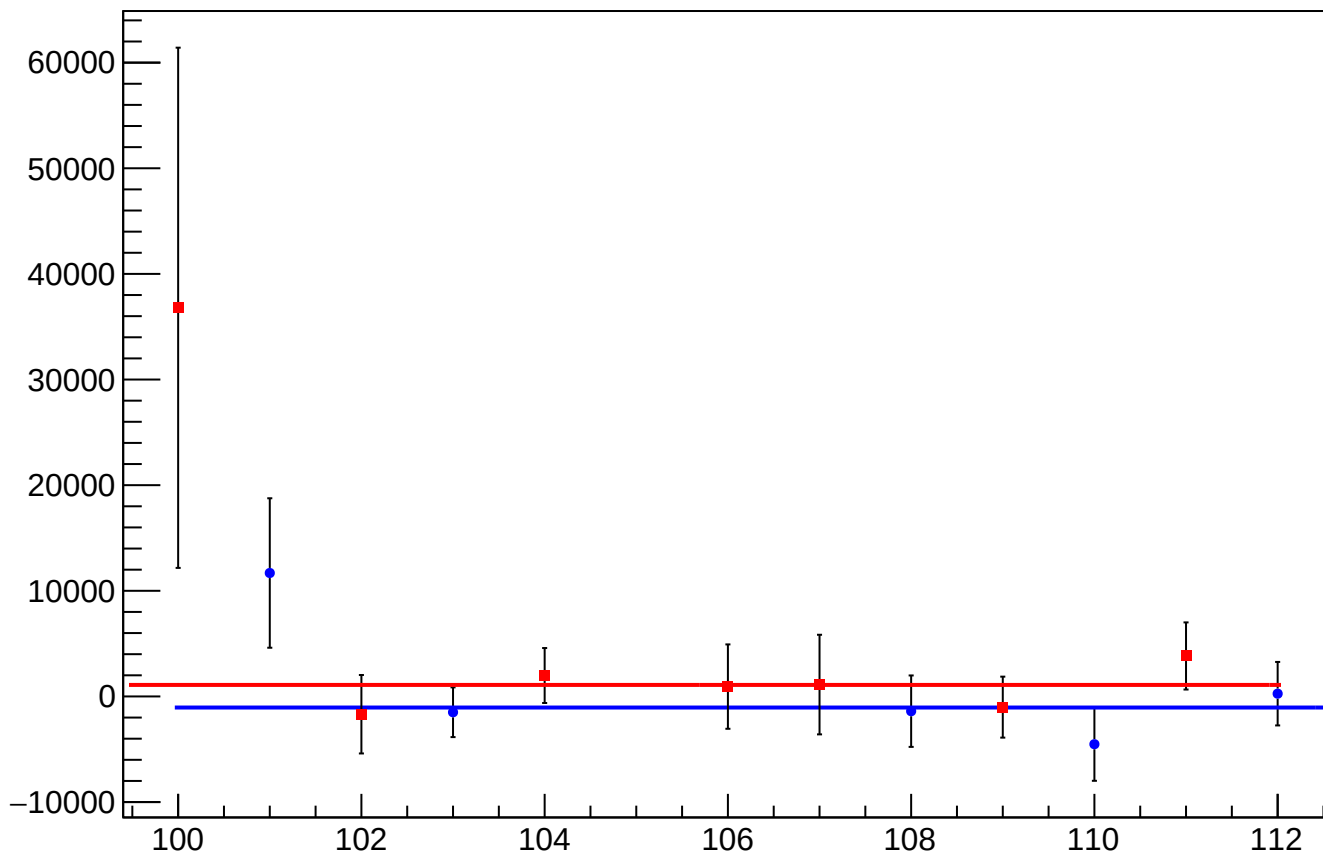
Right: 1977.695+/-0.635 χ^2/NDF : 428382.9/11

In: 1929.433+/-0.883 χ^2/NDF : 248361.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1977.695+/-0.635 χ^2/NDF : 428382.9/11

eigen_cor_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -1049.971+/-1440.599 χ^2/NDF : 4.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1090.118+/-1349.905 χ^2/NDF : 4.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

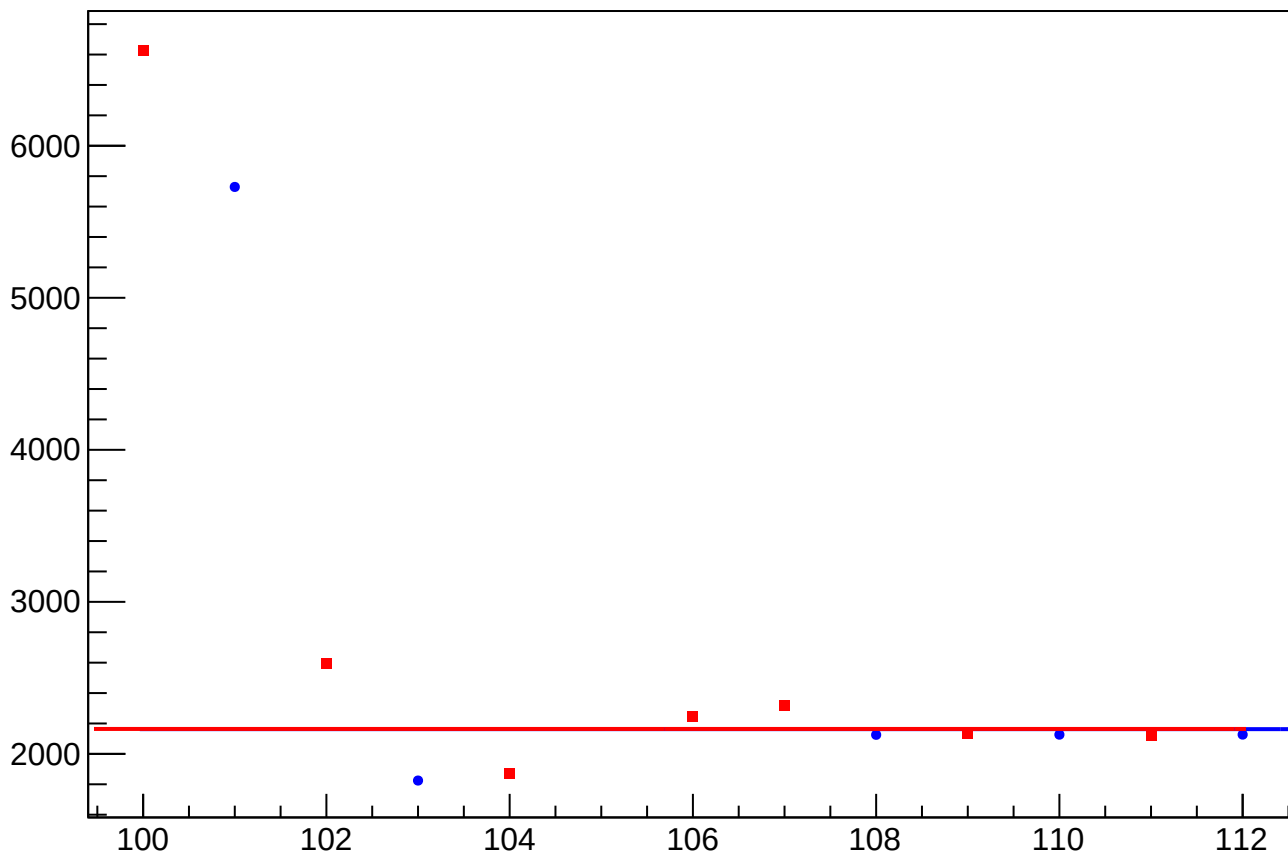
Right: 89.555+/-985.030 χ^2/NDF : 9.7/11

In: -1049.971+/-1440.599 χ^2/NDF : 4.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.555+/-985.030 χ^2/NDF : 9.7/11

eigen_cor_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2162.730+/-1.019 χ^2/NDF : 550219.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2164.010+/-0.955 χ^2/NDF : 121113.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

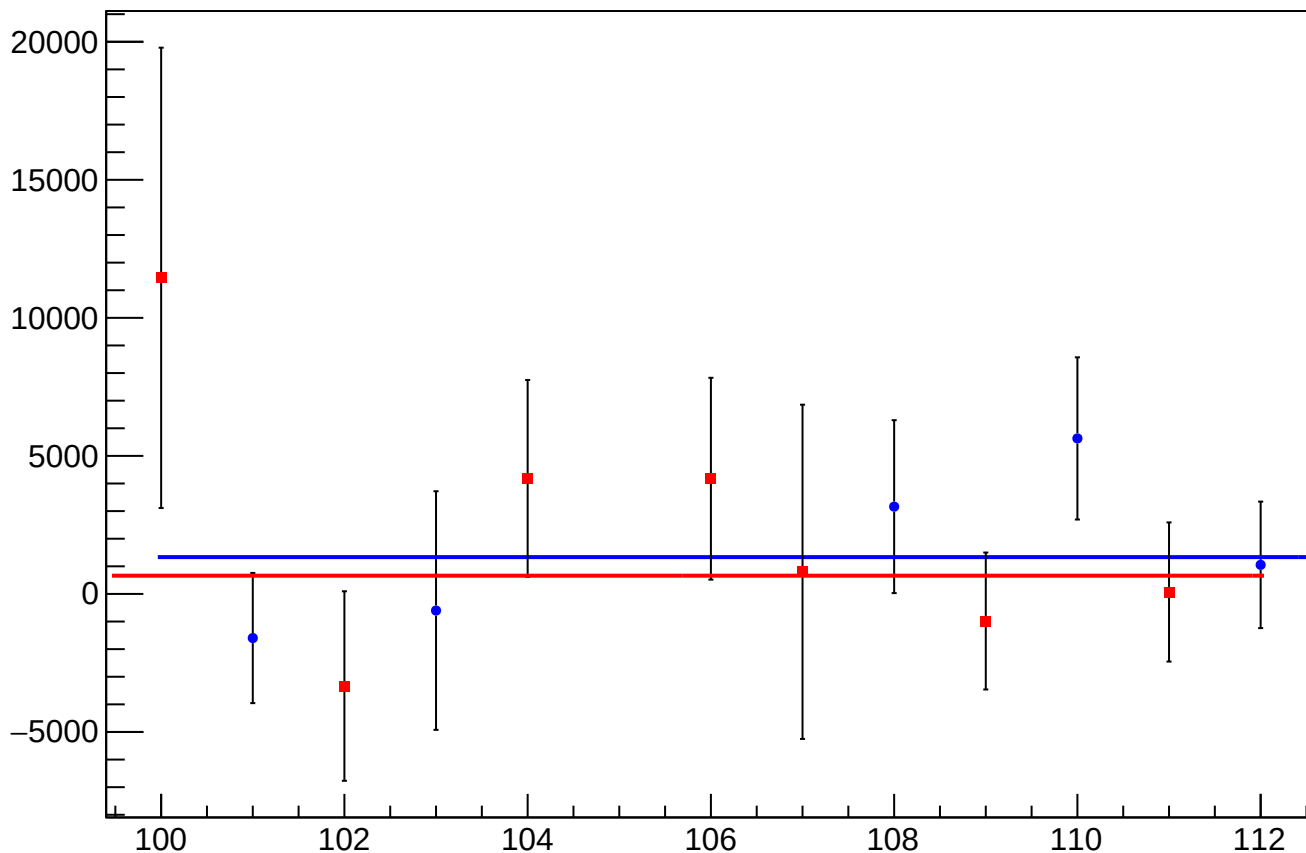
Right: 2163.412+/-0.697 χ^2/NDF : 671333.9/11

In: 2162.730+/-1.019 χ^2/NDF : 550219.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2163.412+/-0.697 χ^2/NDF : 671333.9/11

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1333.479+/-1248.236 χ^2/NDF : 4.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 660.745+/-1290.938 χ^2/NDF : 5.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

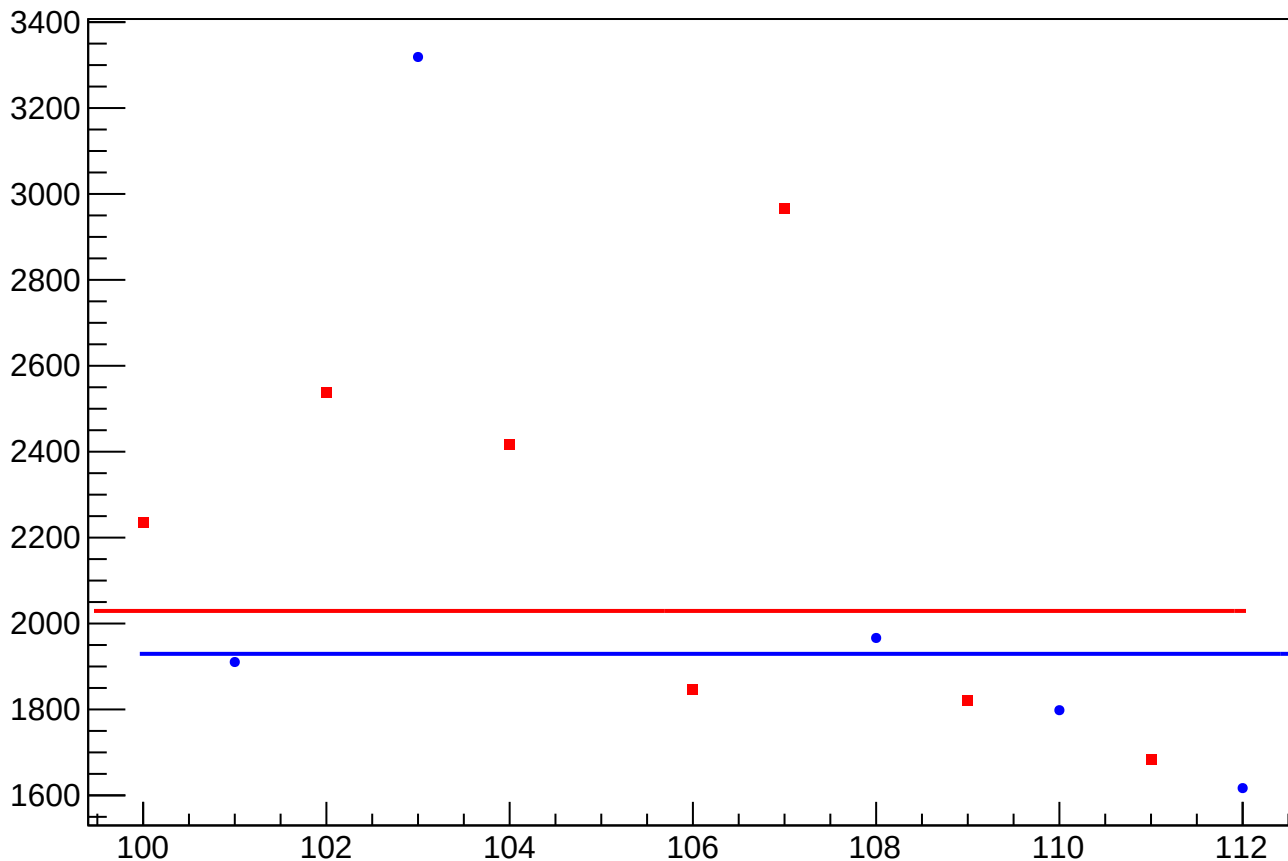
Right: 1008.422+/-897.353 χ^2/NDF : 9.8/11

In: 1333.479+/-1248.236 χ^2/NDF : 4.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1008.422+/-897.353 χ^2/NDF : 9.8/11

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1929.433+/-0.883 χ^2/NDF : 248361.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2029.315+/-0.913 χ^2/NDF : 173833.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

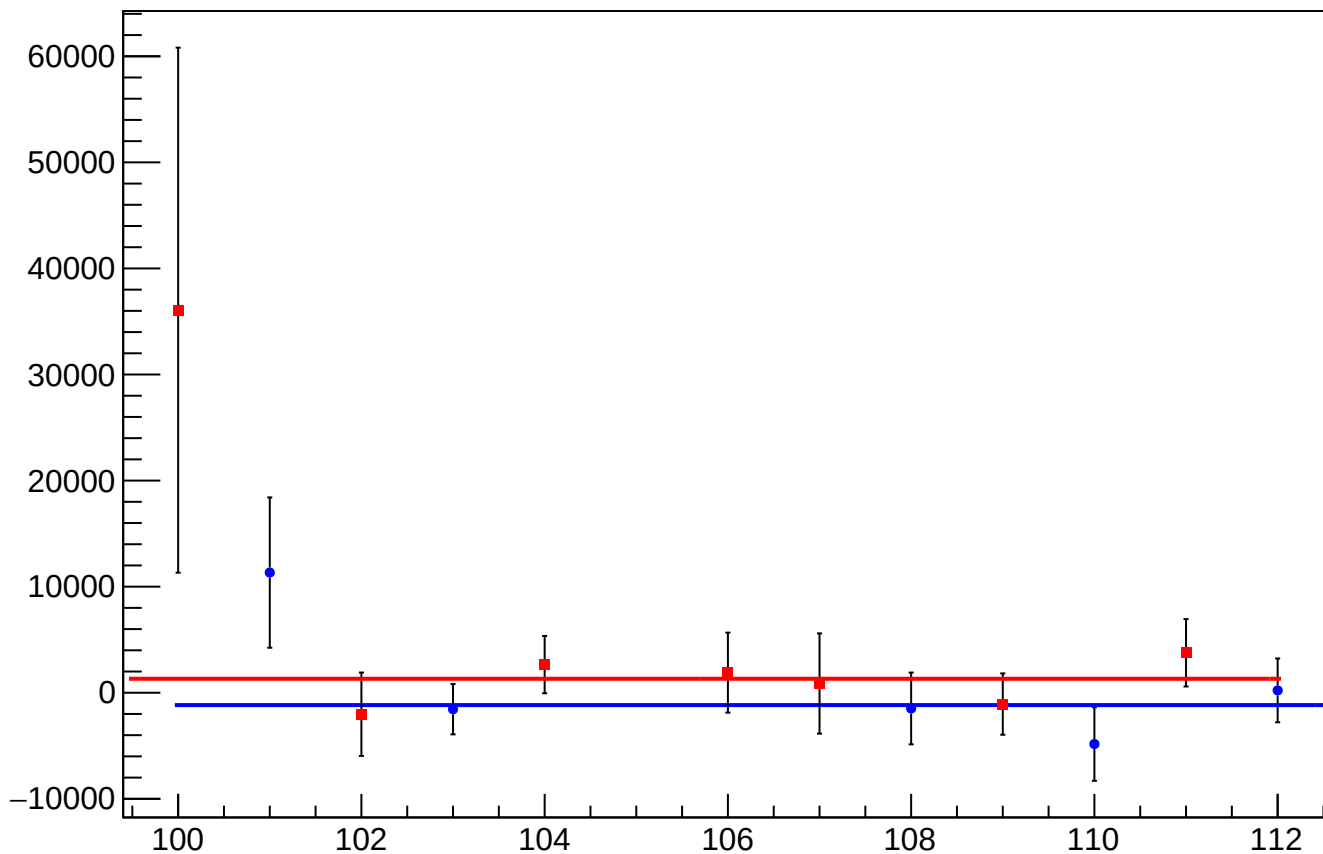
Right: 1977.695+/-0.635 χ^2/NDF : 428382.9/11

In: 1929.433+/-0.883 χ^2/NDF : 248361.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1977.695+/-0.635 χ^2/NDF : 428382.9/11

dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -1163.384 $\pm$ 1445.403 χ^2 /NDF: 4.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1319.393 $\pm$ 1364.448 χ^2 /NDF: 4.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

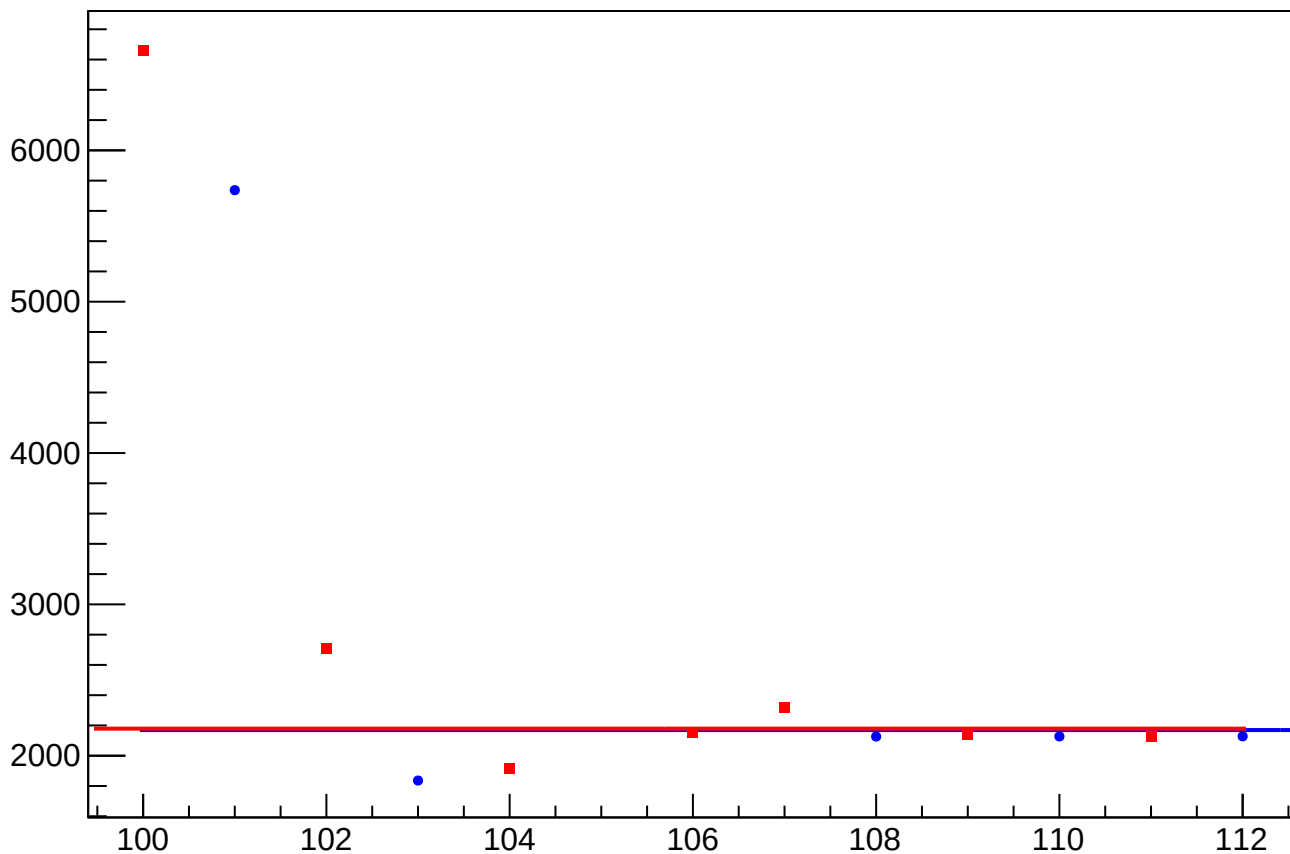
Right: 149.477 $\pm$ 992.196 χ^2 /NDF: 10.3/11

In: -1163.384 $\pm$ 1445.403 χ^2 /NDF: 4.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 149.477 $\pm$ 992.196 χ^2 /NDF: 10.3/11

dit_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2169.566+/-1.022 χ^2/NDF : 547643.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2178.889+/-0.965 χ^2/NDF : 124326.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

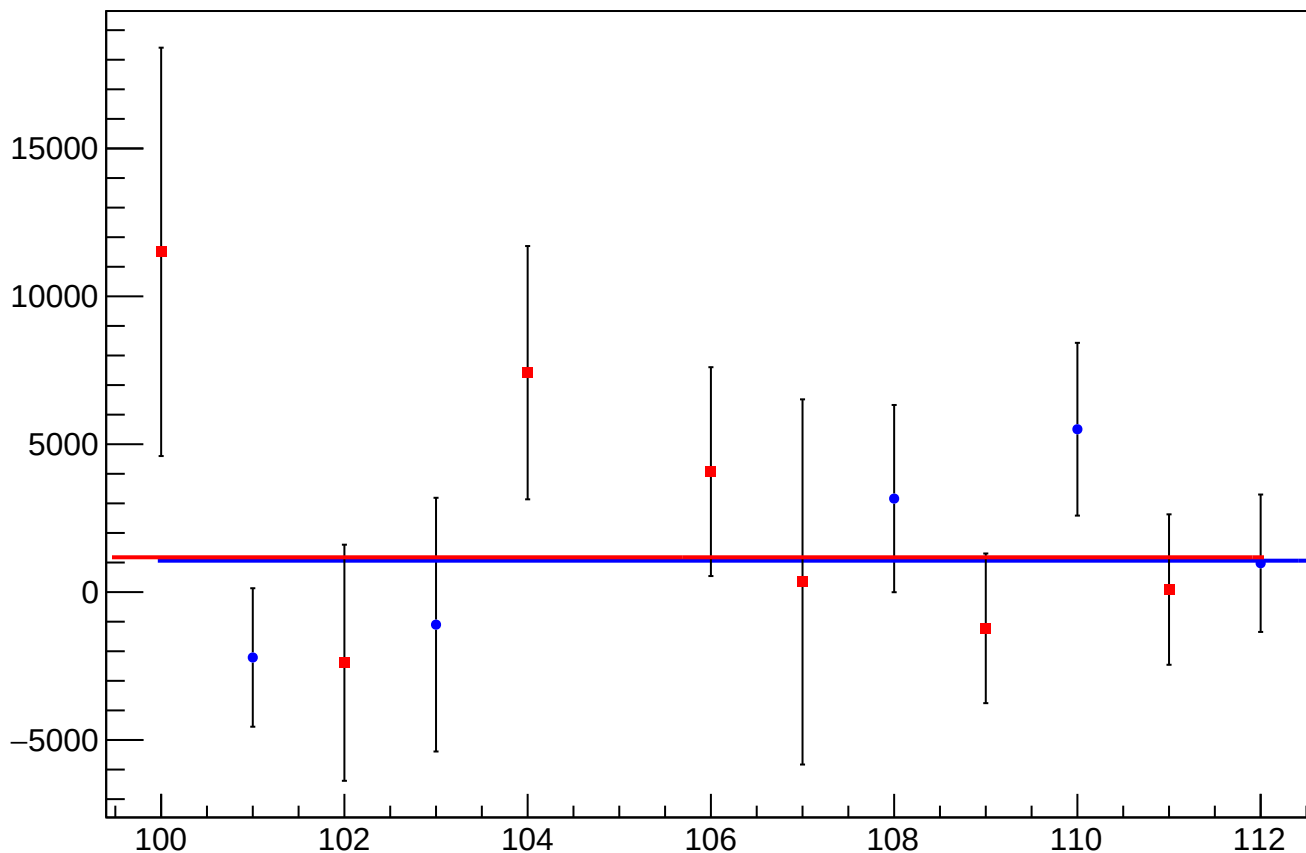
Right: 2174.496+/-0.702 χ^2/NDF : 672014.4/11

In: 2169.566+/-1.022 χ^2/NDF : 547643.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2174.496+/-0.702 χ^2/NDF : 672014.4/11

asym_us_dd_at1lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1062.343+/-1250.842 χ^2/NDF : 5.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1177.178+/-1341.709 χ^2/NDF : 6.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

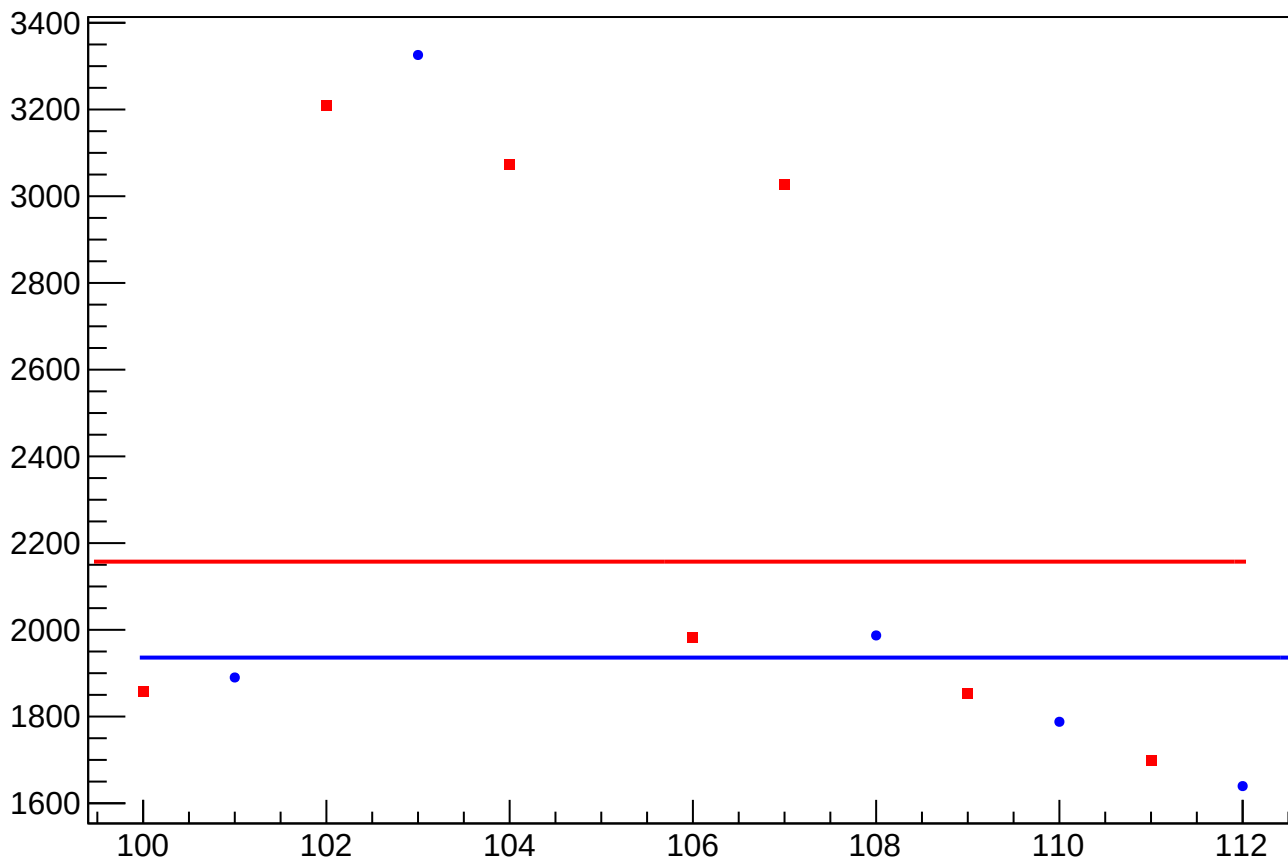
Right: 1115.741+/-914.917 χ^2/NDF : 11.9/11

In: 1062.343+/-1250.842 χ^2/NDF : 5.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1115.741+/-914.917 χ^2/NDF : 11.9/11

asym_us_dd_at1lr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1935.976+/-0.884 χ^2/NDF : 248969.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2157.251+/-0.949 χ^2/NDF : 372934.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

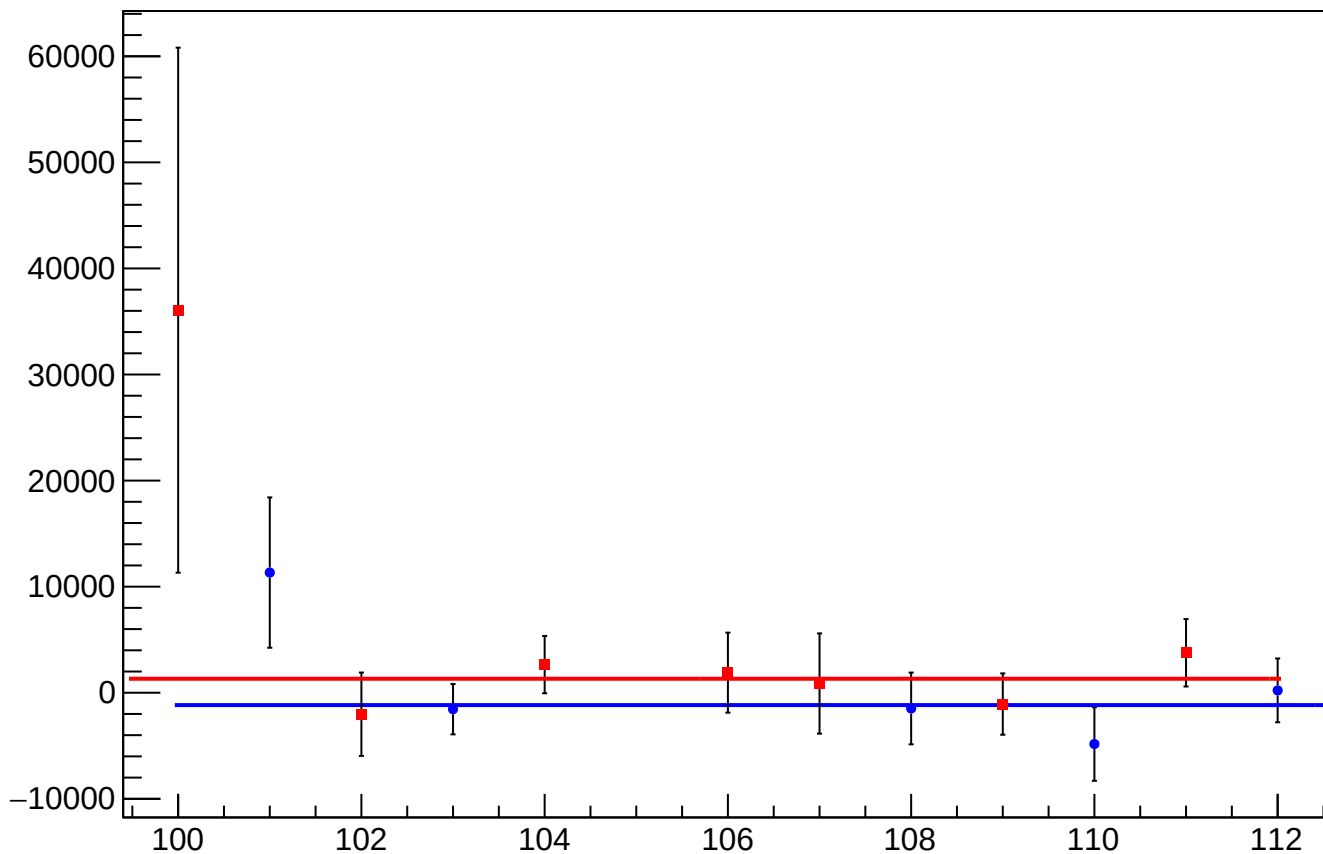
Right: 2038.867+/-0.647 χ^2/NDF : 651005.9/11

In: 1935.976+/-0.884 χ^2/NDF : 248969.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2038.867+/-0.647 χ^2/NDF : 651005.9/11

eigen_dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -1163.384 $\pm$ 1445.403 χ^2 /NDF: 4.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1319.394 $\pm$ 1364.448 χ^2 /NDF: 4.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

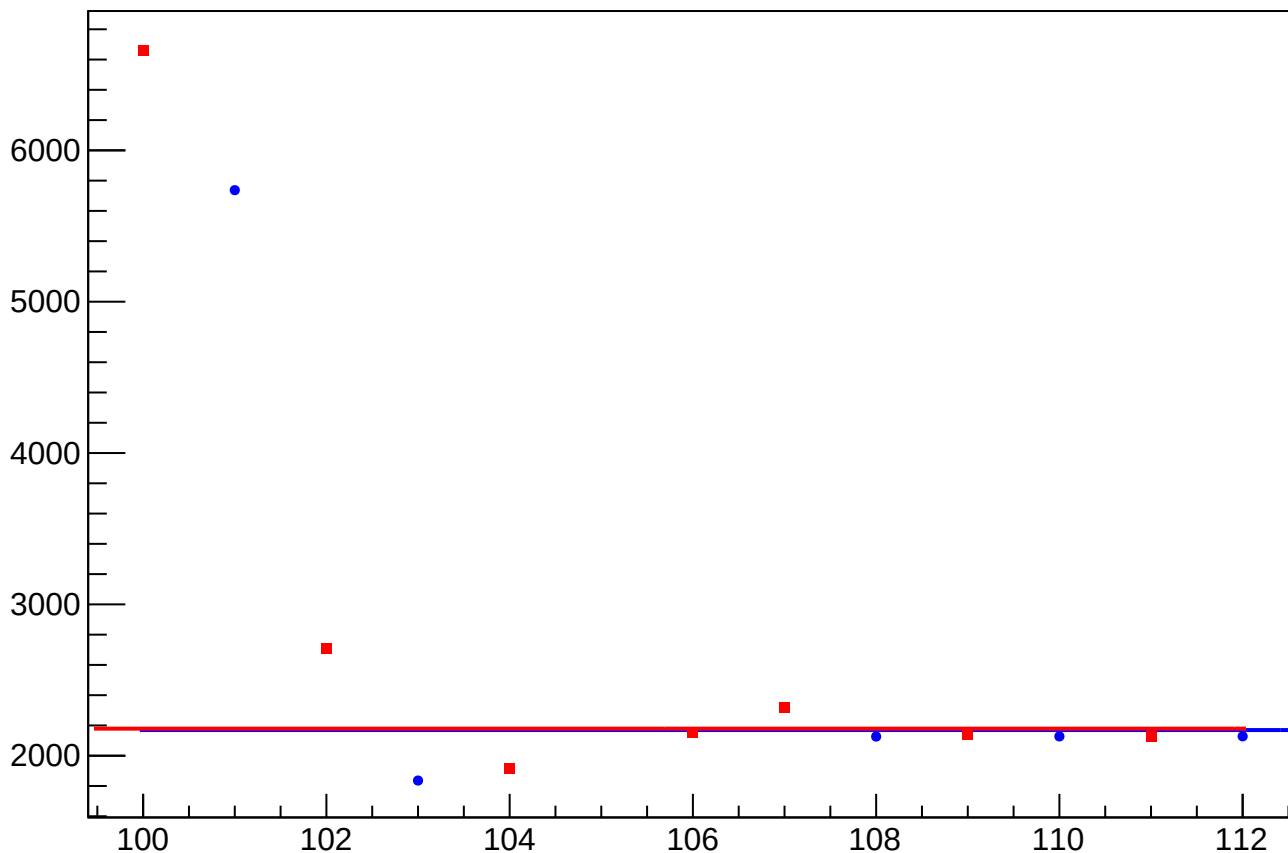
Right: 149.478 $\pm$ 992.196 χ^2 /NDF: 10.3/11

In: -1163.384 $\pm$ 1445.403 χ^2 /NDF: 4.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 149.478 $\pm$ 992.196 χ^2 /NDF: 10.3/11

eigen_dit_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2169.565+/-1.022 χ^2/NDF : 547643.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2178.888+/-0.965 χ^2/NDF : 124326.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

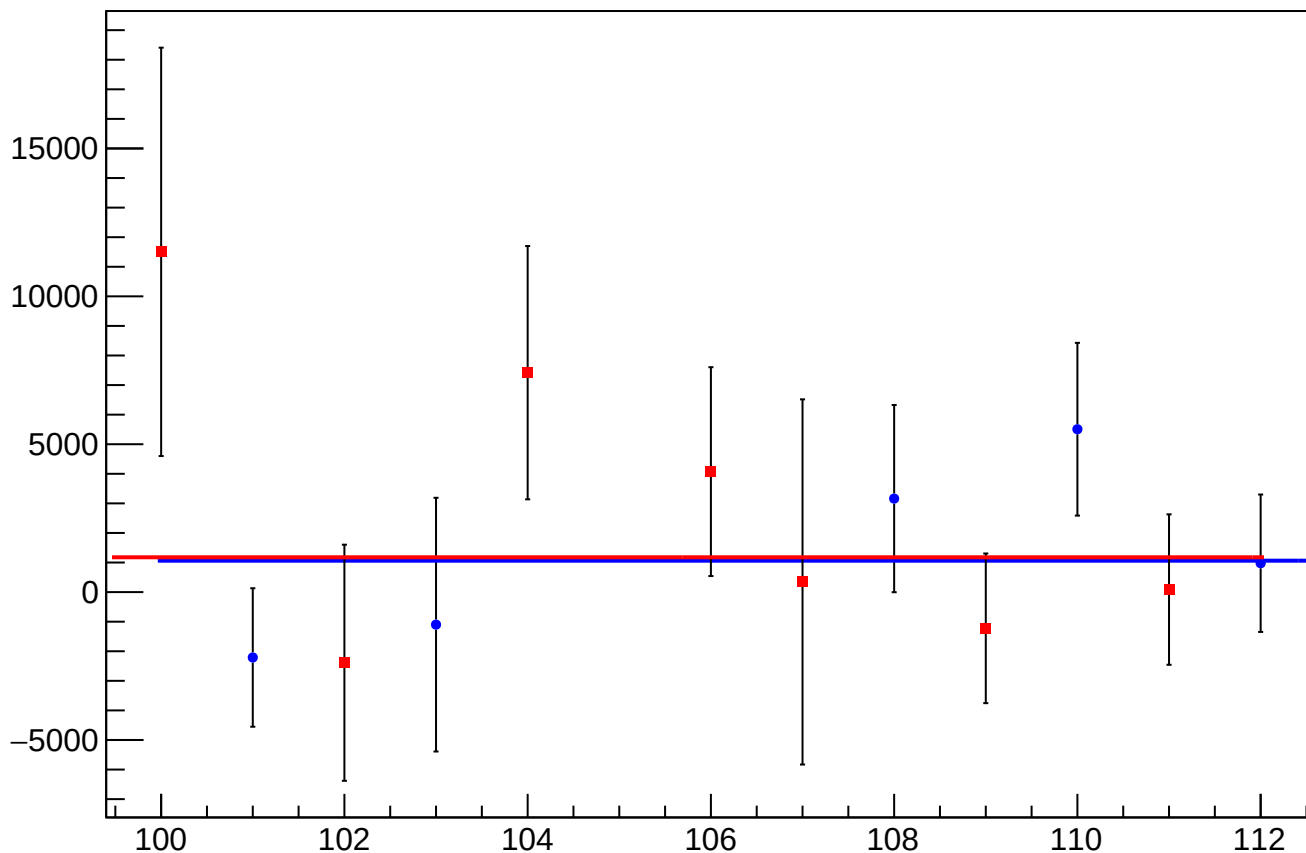
Right: 2174.495+/-0.702 χ^2/NDF : 672014.5/11

In: 2169.565+/-1.022 χ^2/NDF : 547643.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2174.495+/-0.702 χ^2/NDF : 672014.5/11

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1062.345+/-1250.840 χ^2/NDF : 5.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1177.173+/-1341.707 χ^2/NDF : 6.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

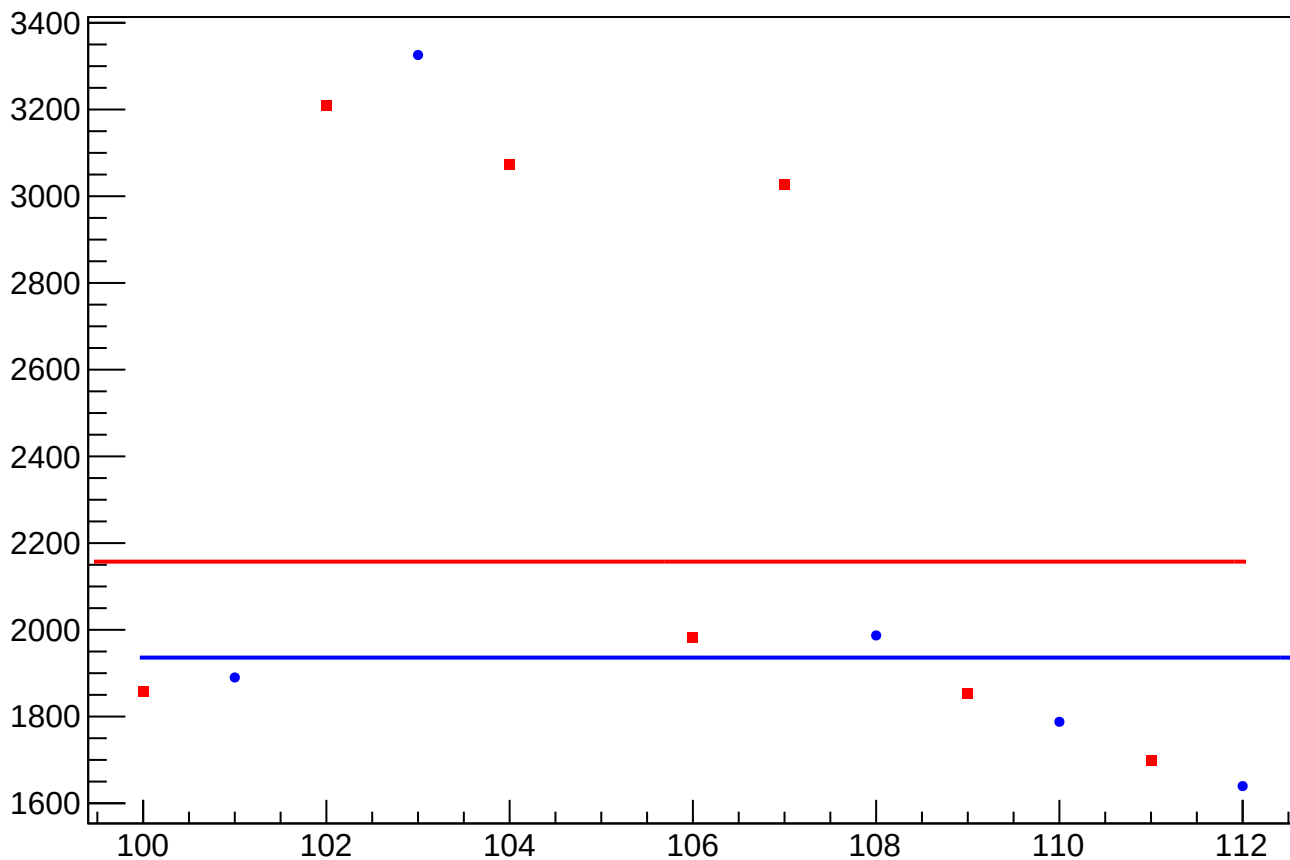
Right: 1115.739+/-914.916 χ^2/NDF : 11.9/11

In: 1062.345+/-1250.840 χ^2/NDF : 5.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1115.739+/-914.916 χ^2/NDF : 11.9/11

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1935.972+/-0.884 χ^2/NDF : 248971.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2157.247+/-0.949 χ^2/NDF : 372939.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

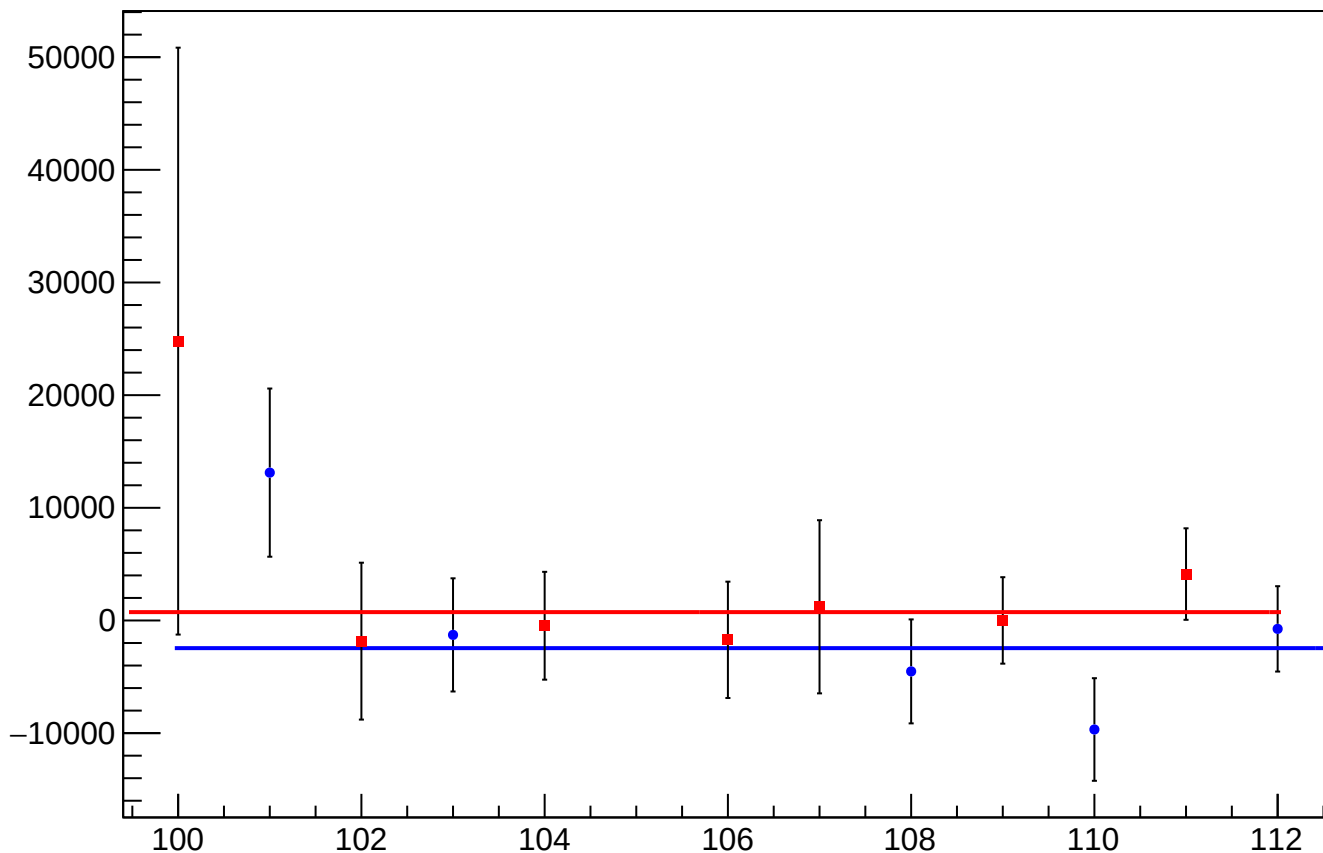
Right: 2038.864+/-0.647 χ^2/NDF : 651013.8/11

In: 1935.972+/-0.884 χ^2/NDF : 248971.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2038.864+/-0.647 χ^2/NDF : 651013.8/11

asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -2455.117+/-2120.243 χ^2/NDF : 7.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 741.833+/-2005.065 χ^2/NDF : 2.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

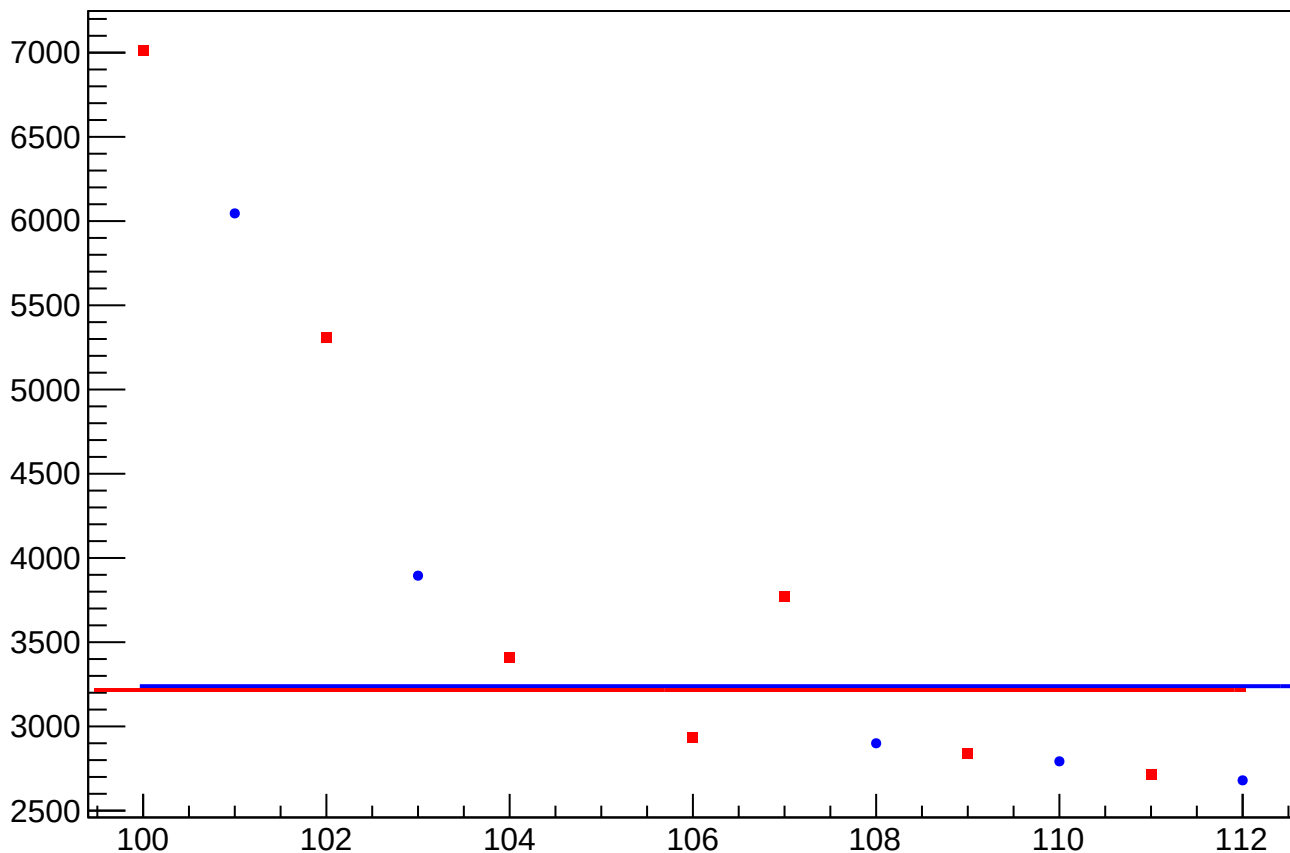
Right: -767.453+/-1456.812 χ^2/NDF : 10.5/11

In: -2455.117+/-2120.243 χ^2/NDF : 7.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -767.453+/-1456.812 χ^2/NDF : 10.5/11

asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 3238.832 $\pm$ 1.499 χ^2 /NDF: 390450.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3216.149 $\pm$ 1.418 χ^2 /NDF: 293040.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

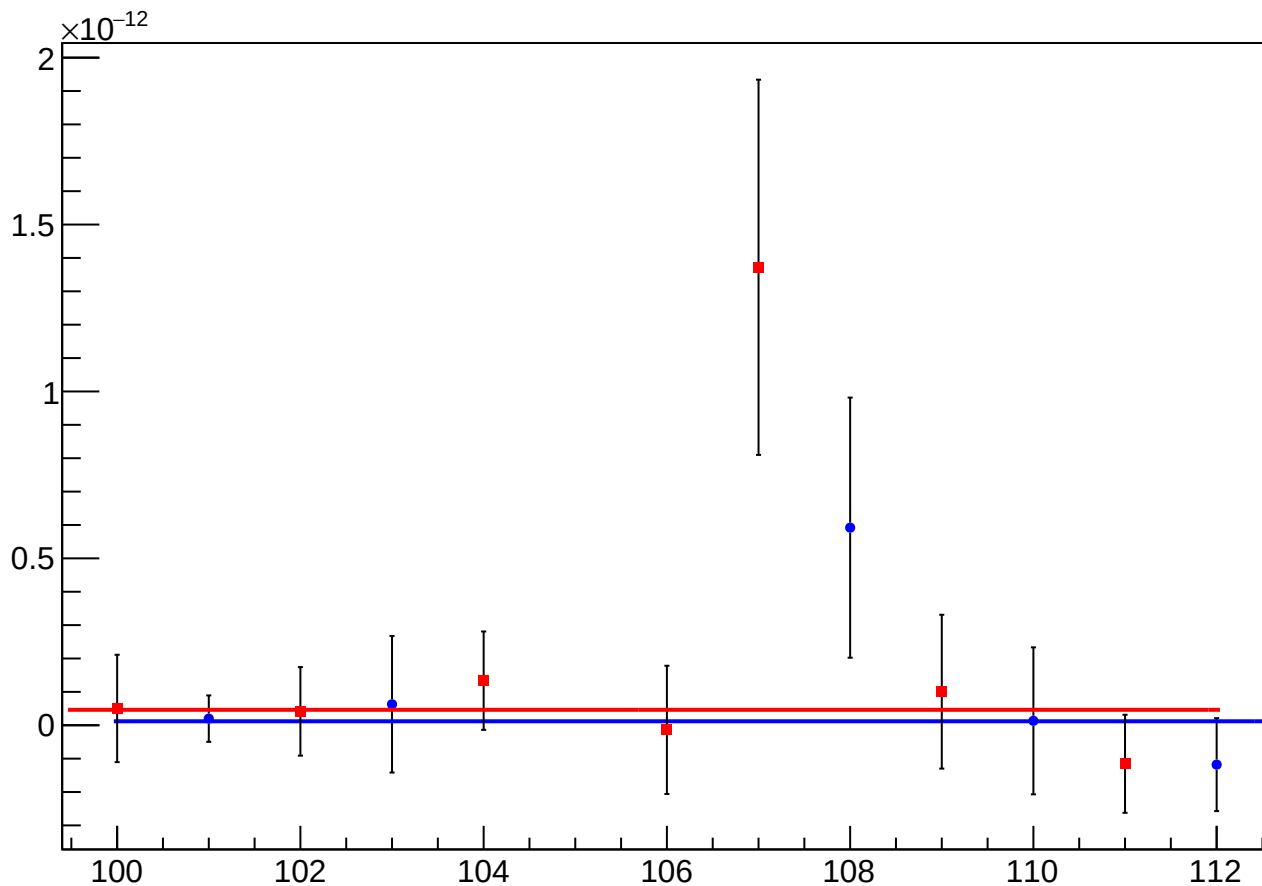
Right: 3226.858 $\pm$ 1.030 χ^2 /NDF: 683611.8/11

In: 3238.832 $\pm$ 1.499 χ^2 /NDF: 390450.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3226.858 $\pm$ 1.030 χ^2 /NDF: 683611.8/11

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

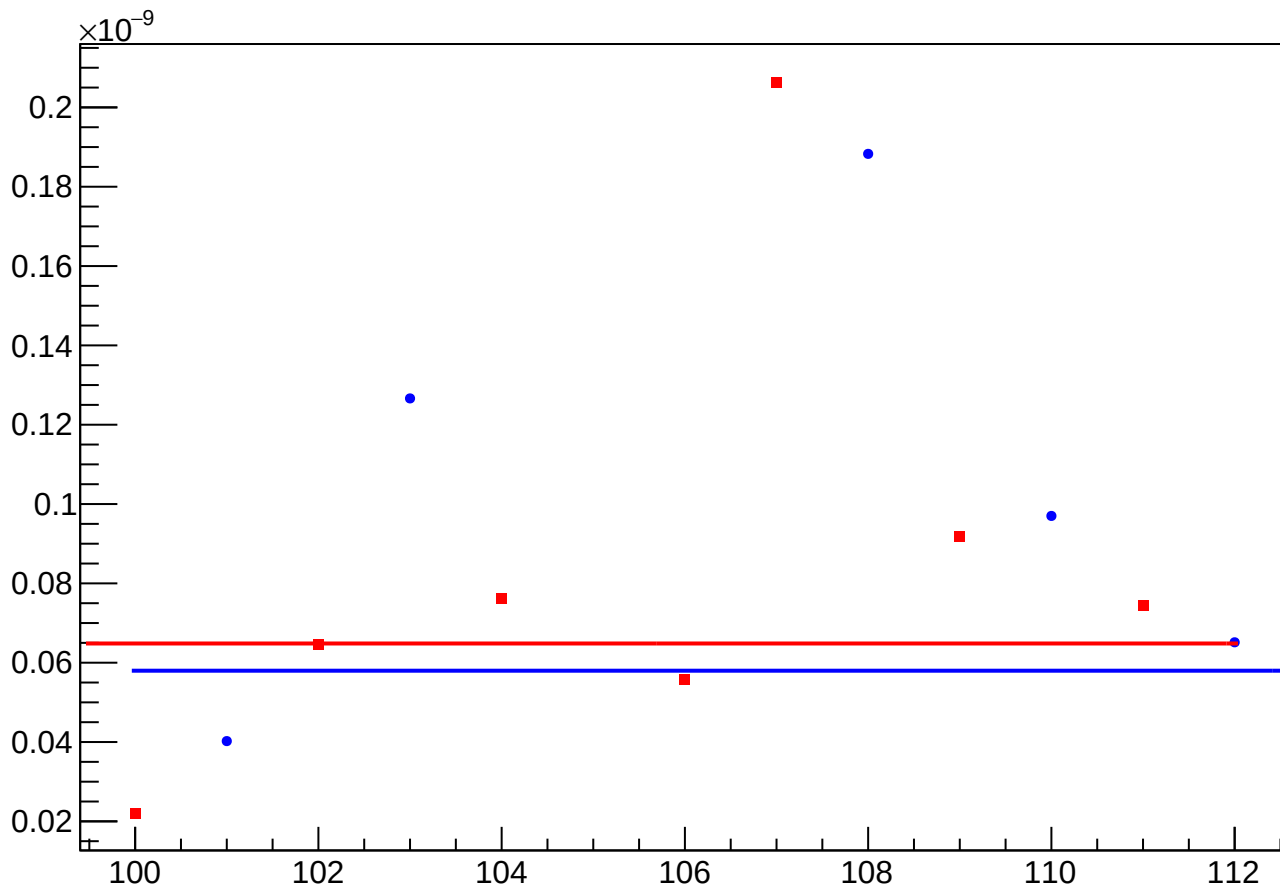
Right: 0.000+/-0.000 χ^2/NDF : 10.6/11

In: 0.000+/-0.000 χ^2/NDF : 3.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.6/11

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 647350.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 320385.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

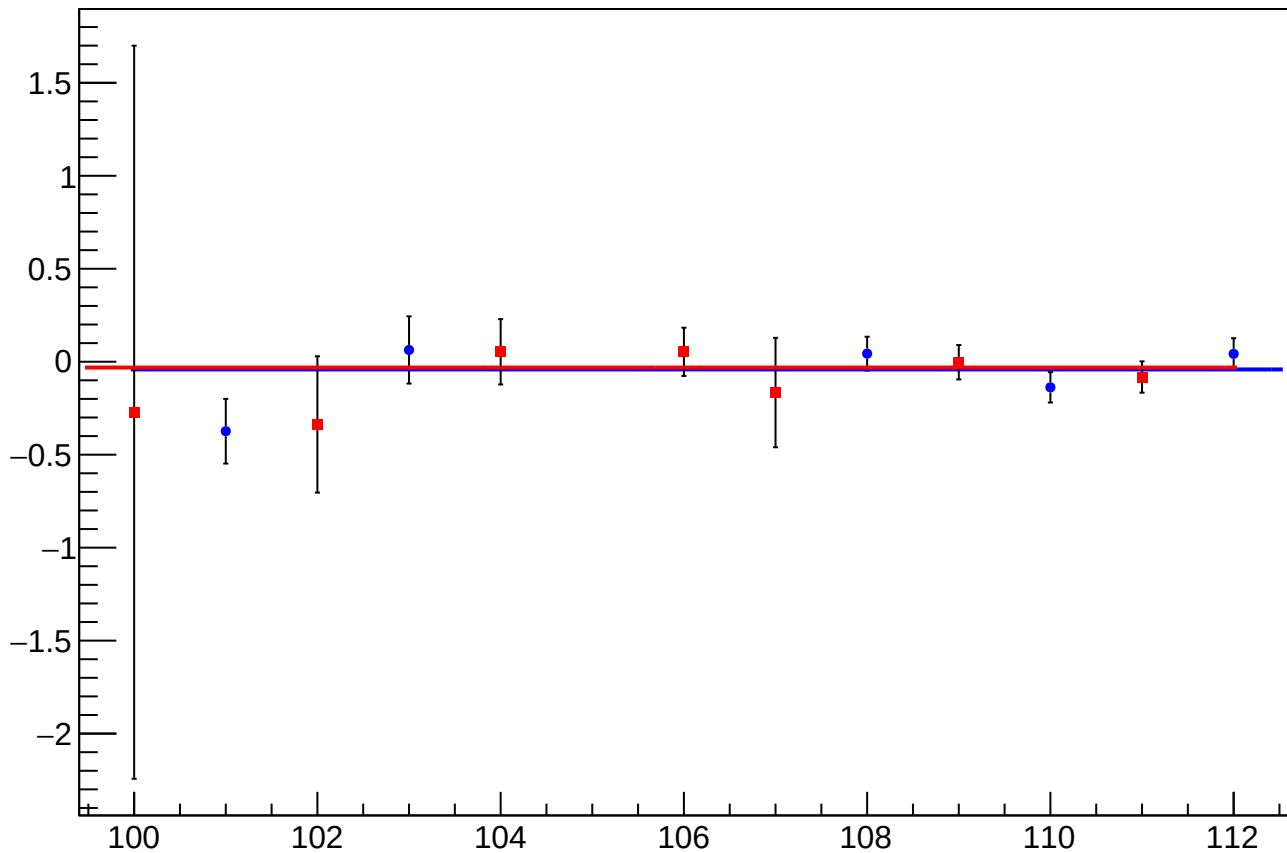
Right: 0.000+/-0.000 χ^2/NDF : 980375.5/11

In: 0.000+/-0.000 χ^2/NDF : 647350.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 980375.5/11

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.042 $\pm$ 0.046 χ^2 /NDF: 7.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.031 $\pm$ 0.052 χ^2 /NDF: 2.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

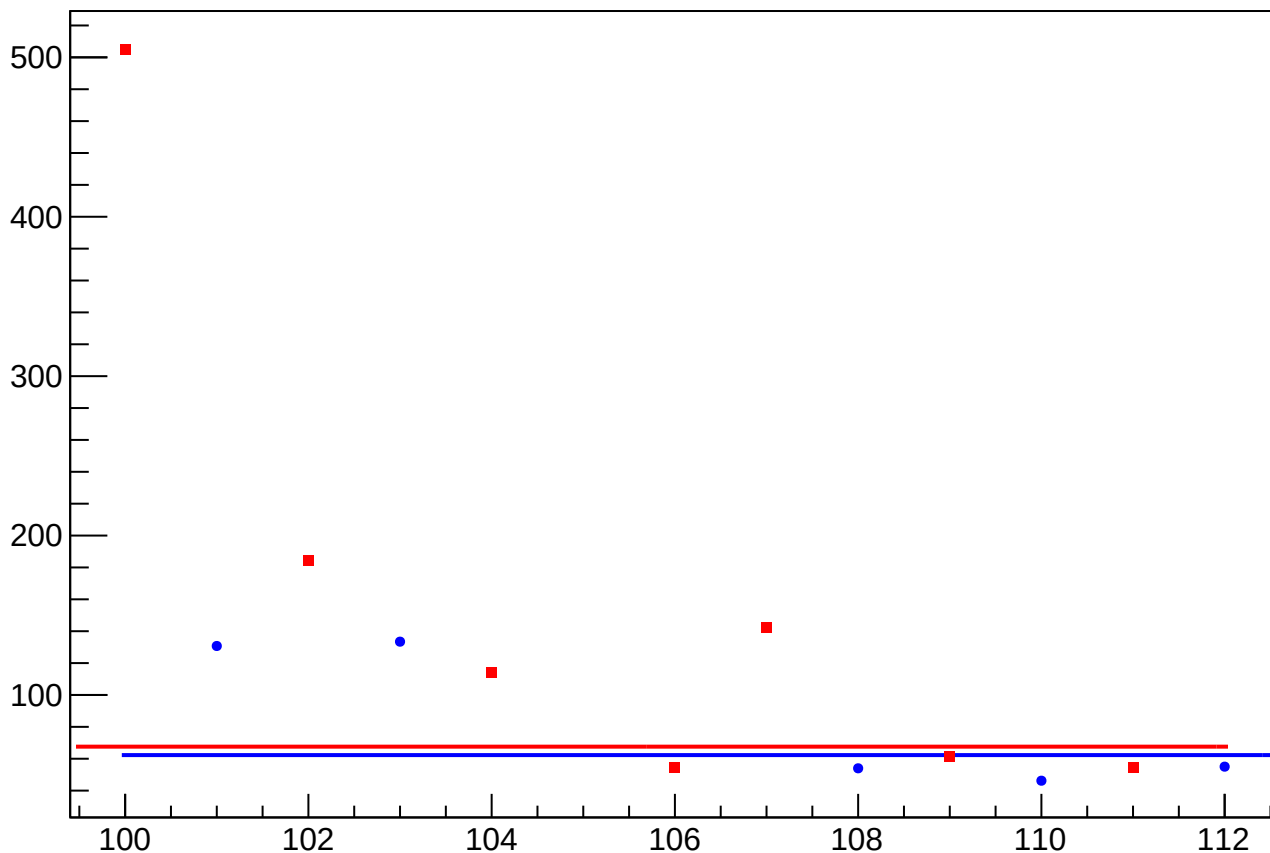
Right: -0.037 $\pm$ 0.034 χ^2 /NDF: 9.3/11

In: -0.042 $\pm$ 0.046 χ^2 /NDF:7.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.037 $\pm$ 0.034 χ^2 /NDF: 9.3/11

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 62.283+/-0.032 χ^2/NDF : 728683.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.577+/-0.037 χ^2/NDF : 648749.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

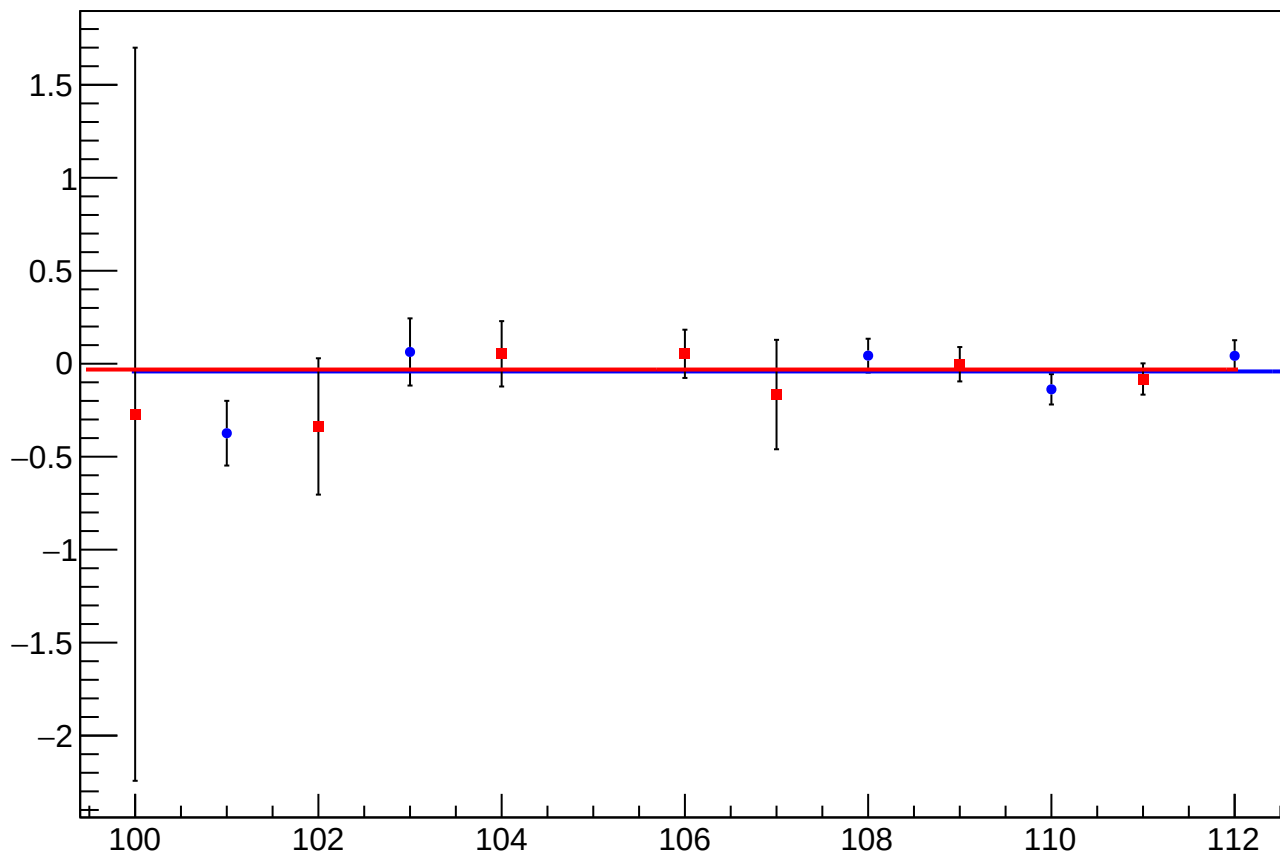
Right: 64.596+/-0.024 χ^2/NDF : 1389095.6/11

In: 62.283+/-0.032 χ^2/NDF : 728683.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.596+/-0.024 χ^2/NDF : 1389095.6/11

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.042 $\pm$ 0.046 χ^2 /NDF: 7.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.031 $\pm$ 0.052 χ^2 /NDF: 2.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

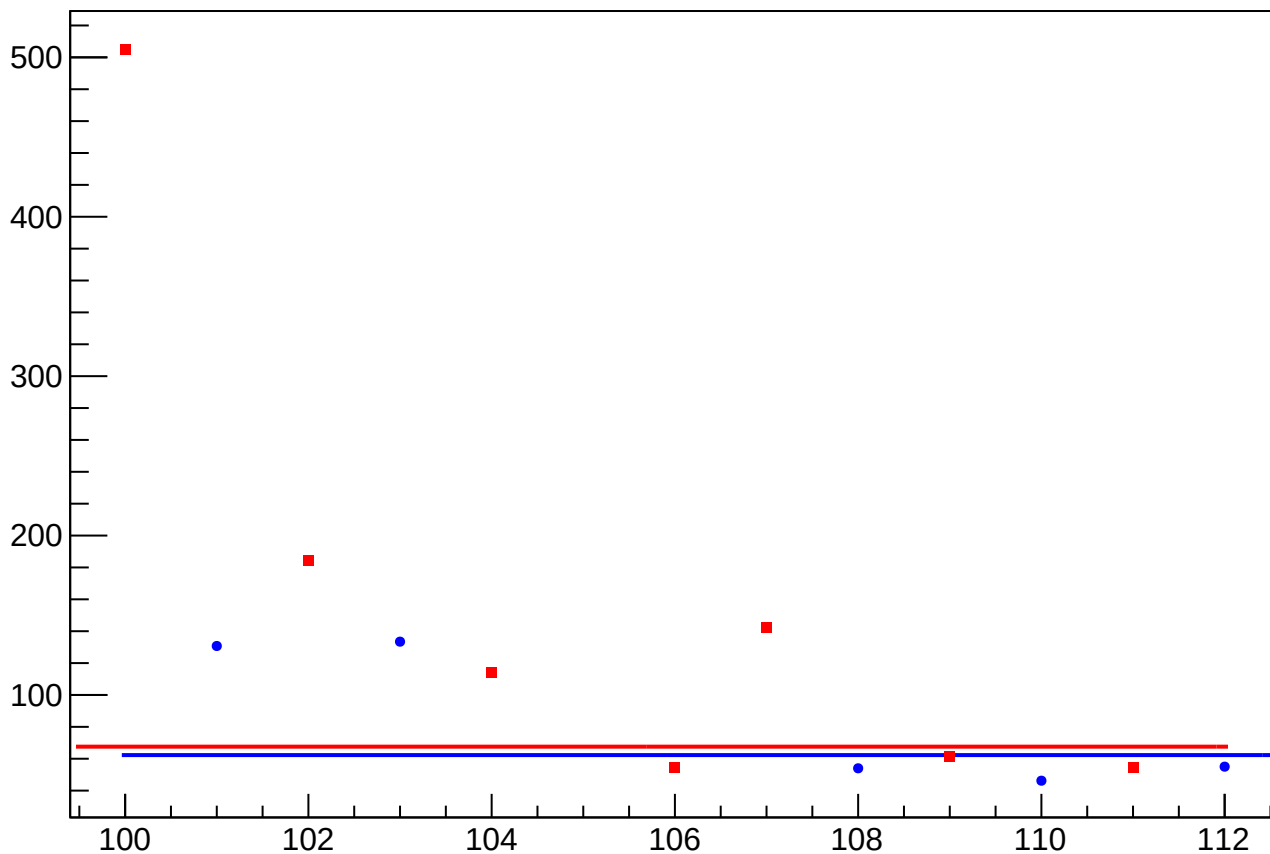
Right: -0.037 $\pm$ 0.034 χ^2 /NDF: 9.3/11

In: -0.042 $\pm$ 0.046 χ^2 /NDF:7.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.037 $\pm$ 0.034 χ^2 /NDF: 9.3/11

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 62.283+/-0.032 χ^2/NDF : 728683.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.577+/-0.037 χ^2/NDF : 648749.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

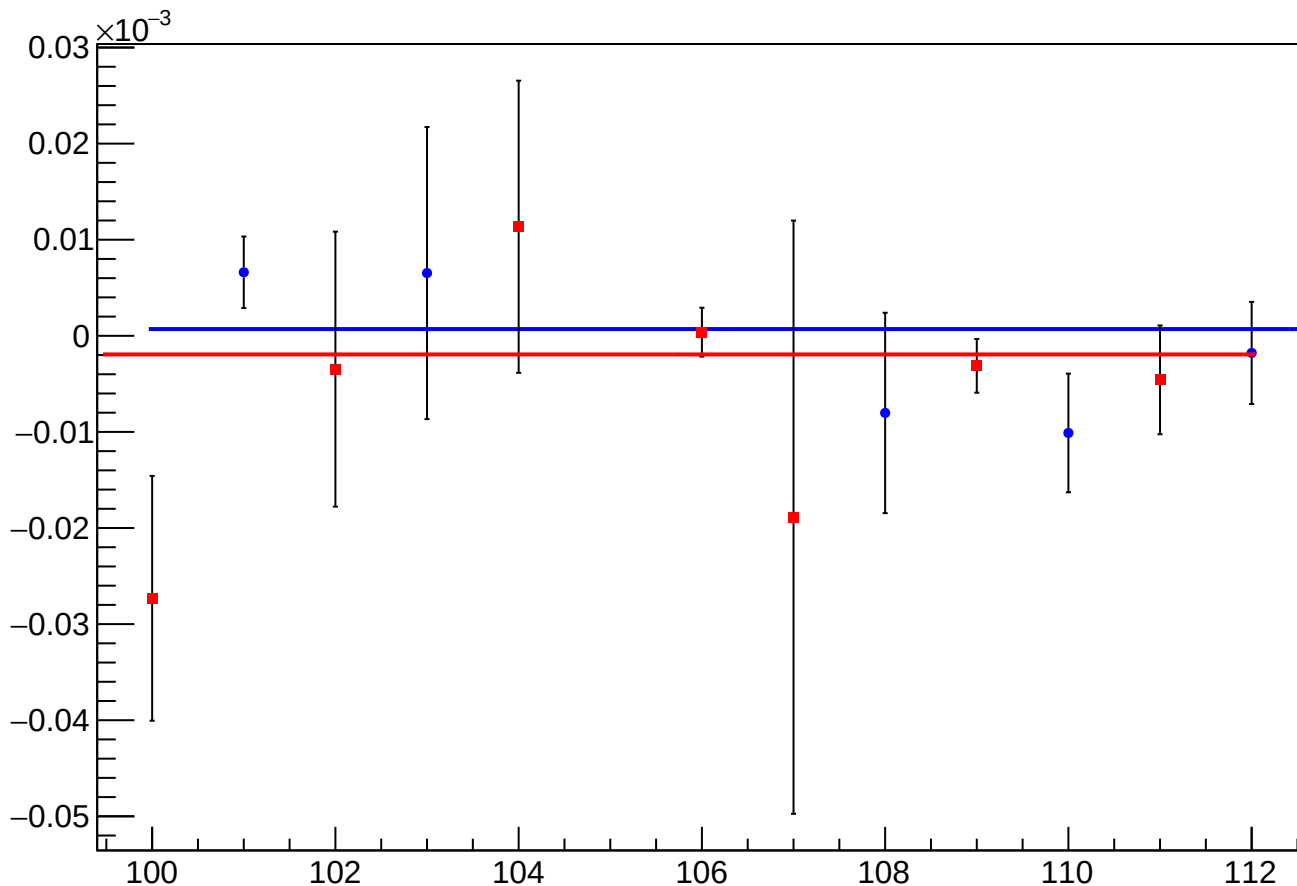
Right: 64.596+/-0.024 χ^2/NDF : 1389095.6/11

In: 62.283+/-0.032 χ^2/NDF : 728683.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.596+/-0.024 χ^2/NDF : 1389095.6/11

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: 6.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

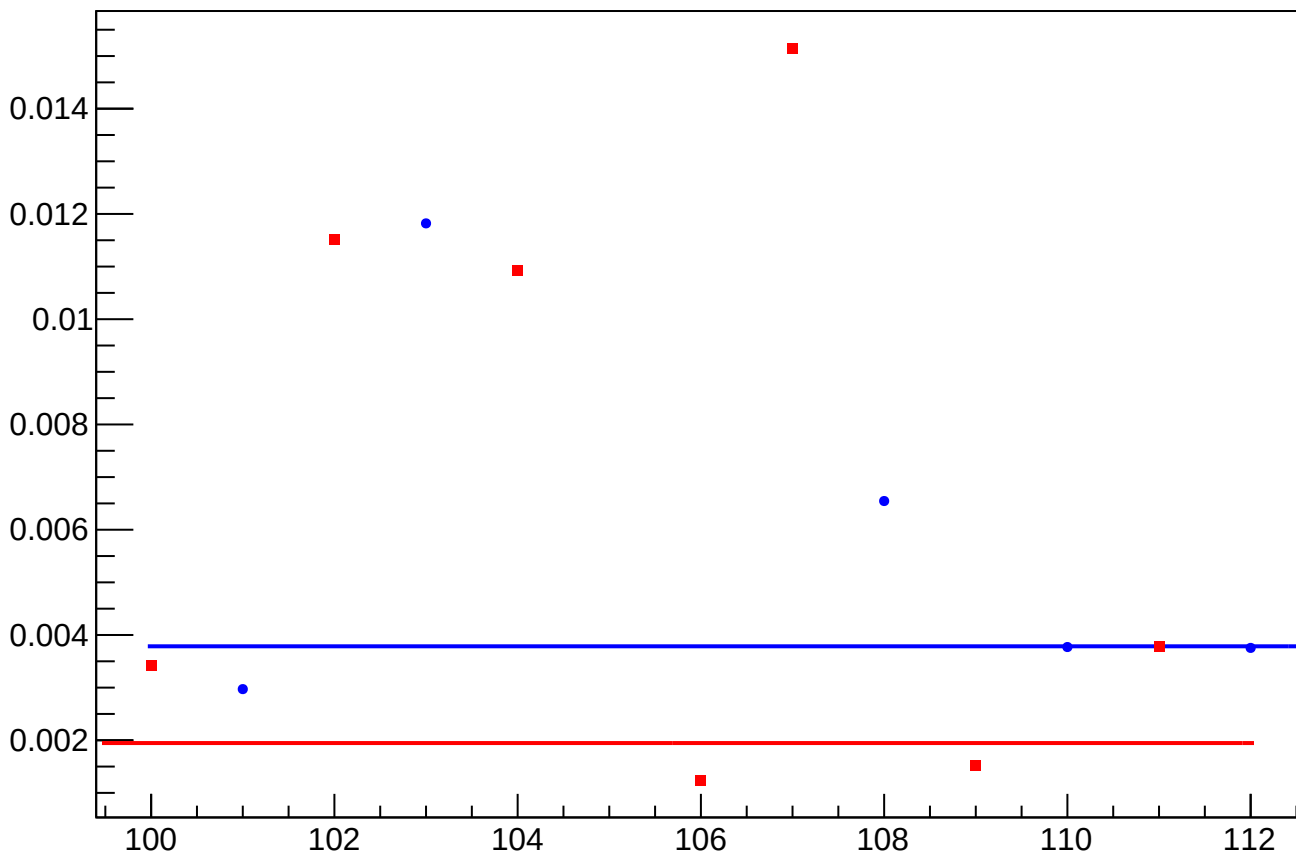
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.6/11

In: 0.000 $\pm$ 0.000 χ^2 /NDF:6.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.6/11

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 795003.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2400775.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

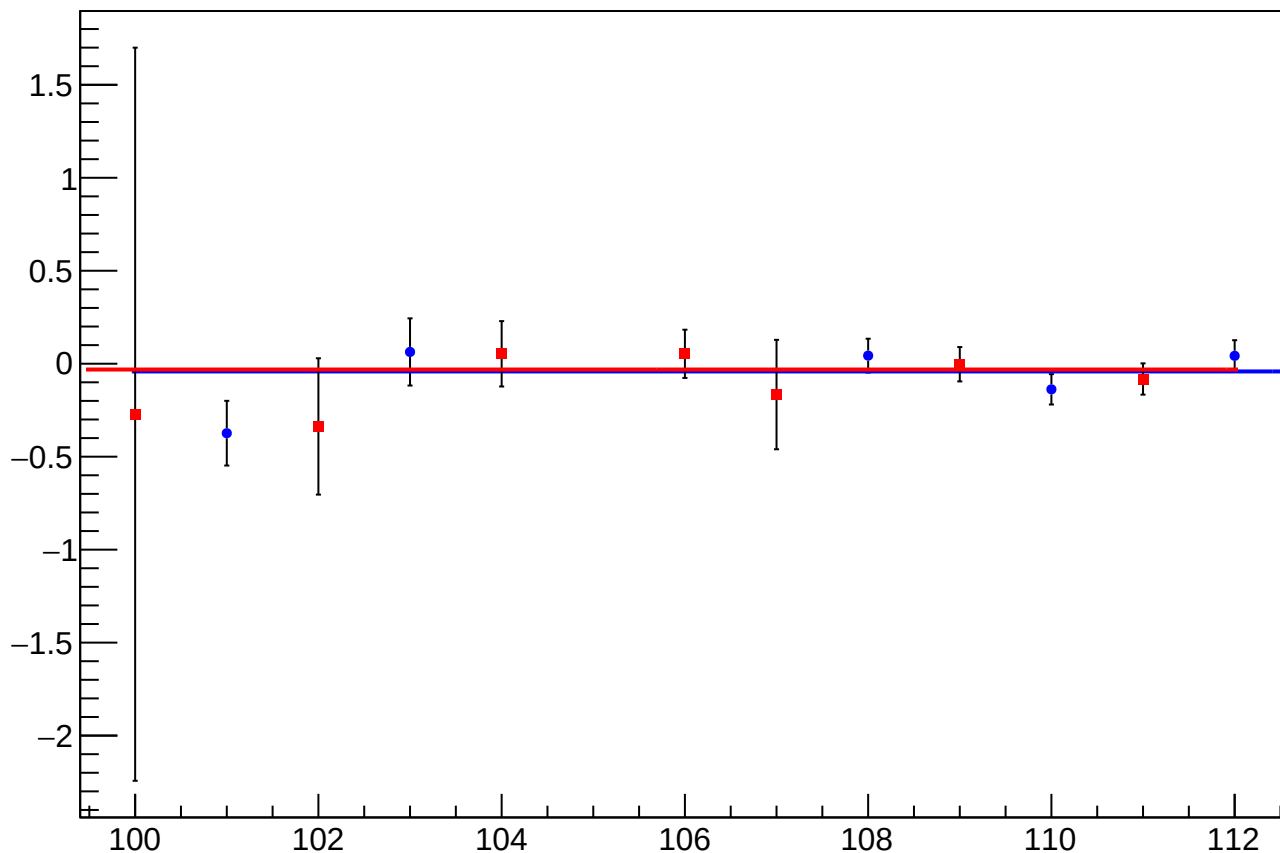
Right: 0.003+/-0.000 χ^2/NDF : 3884584.1/11

In: 0.004+/-0.000 χ^2/NDF : 795003.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3884584.1/11

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.042 $\pm$ 0.046 χ^2 /NDF: 7.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.031 $\pm$ 0.052 χ^2 /NDF: 2.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

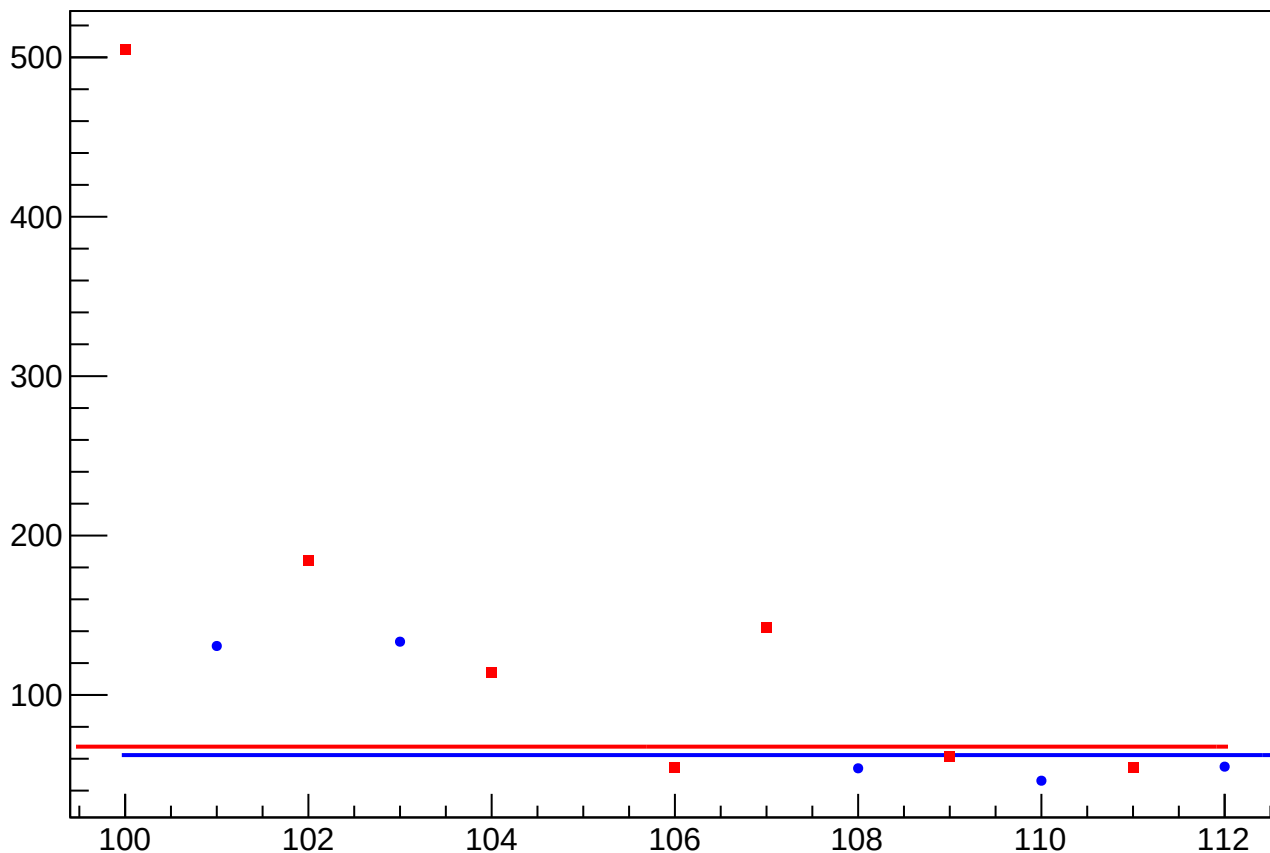
Right: -0.037 $\pm$ 0.034 χ^2 /NDF: 9.3/11

In: -0.042 $\pm$ 0.046 χ^2 /NDF:7.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.037 $\pm$ 0.034 χ^2 /NDF: 9.3/11

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 62.282+/-0.032 χ^2/NDF : 728643.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.576+/-0.037 χ^2/NDF : 648708.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

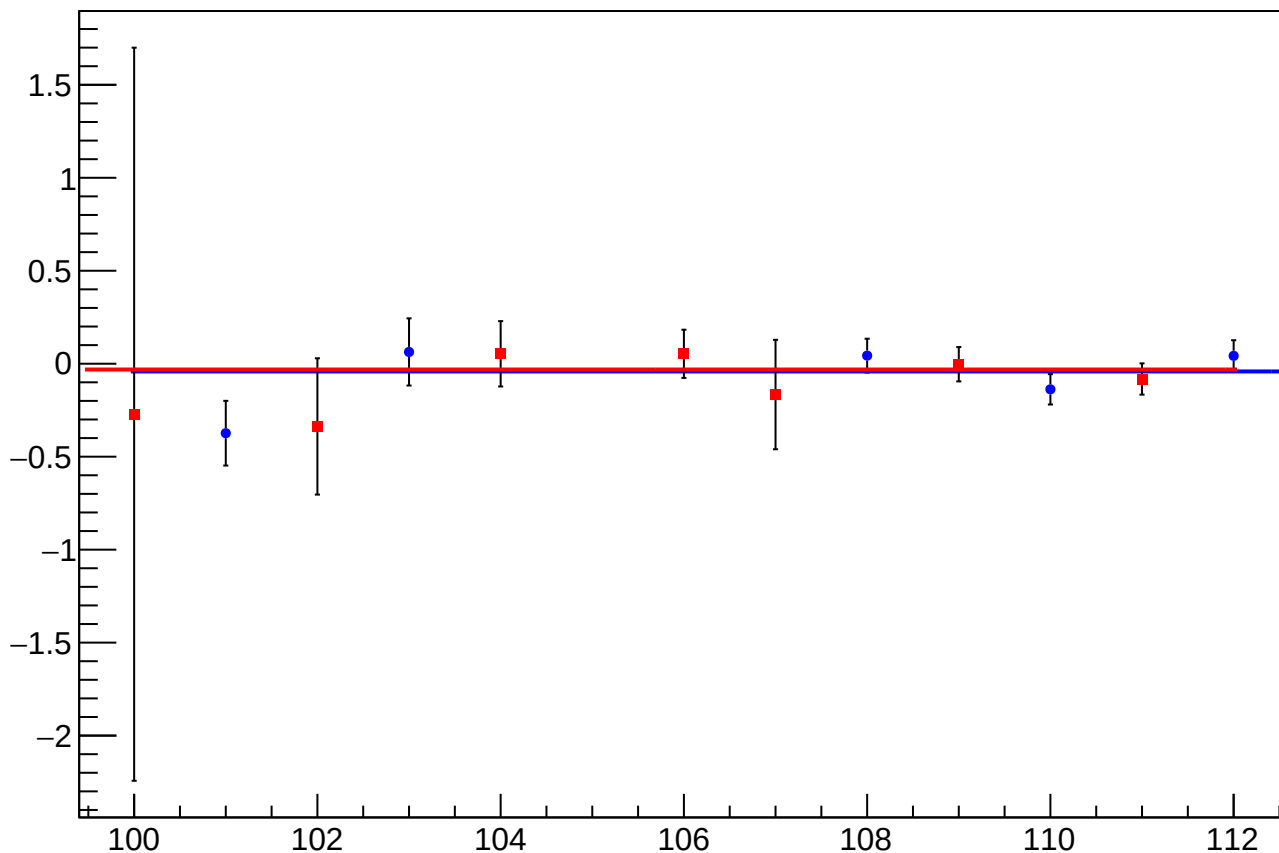
Right: 64.595+/-0.024 χ^2/NDF : 1389012.9/11

In: 62.282+/-0.032 χ^2/NDF : 728643.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.595+/-0.024 χ^2/NDF : 1389012.9/11

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.042 $\pm$ 0.046 χ^2 /NDF: 7.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.031 $\pm$ 0.052 χ^2 /NDF: 2.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

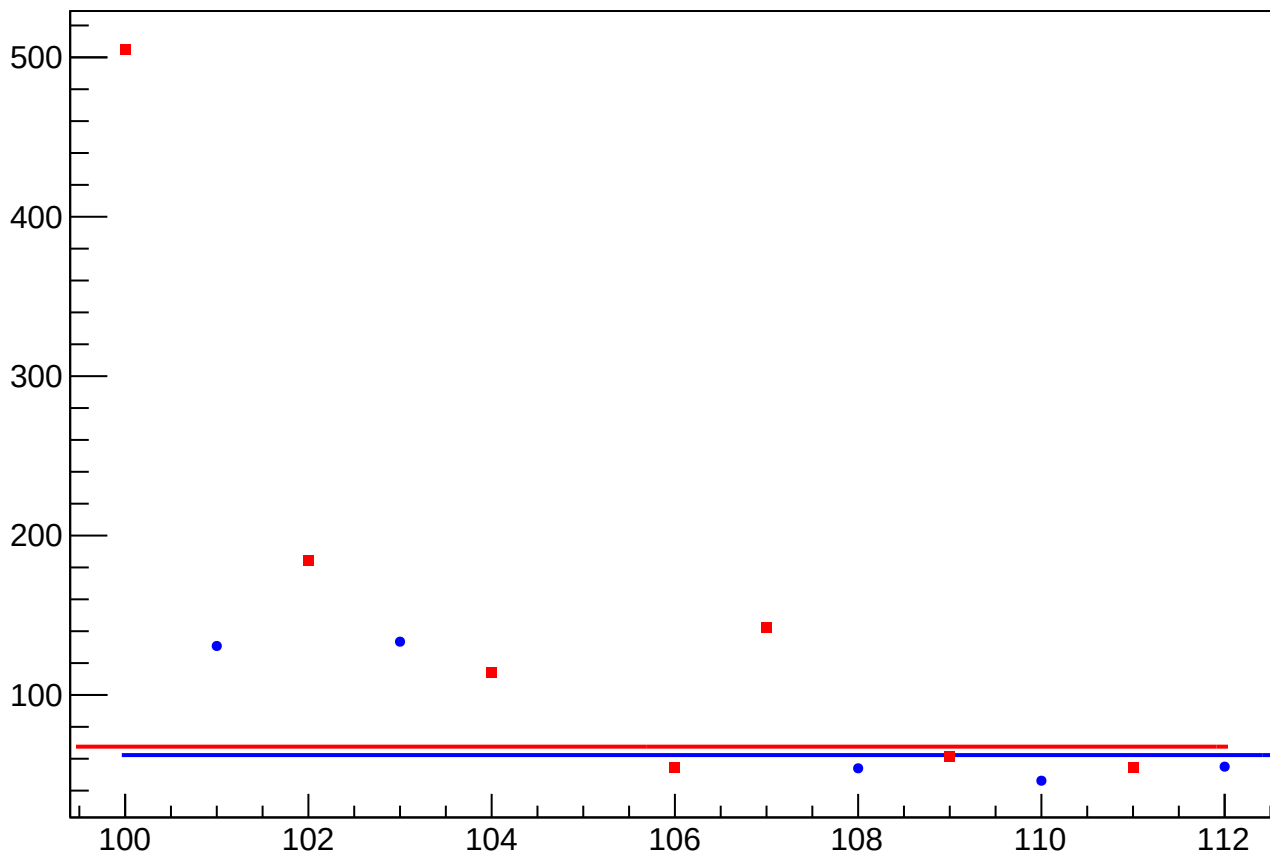
Right: -0.037 $\pm$ 0.034 χ^2 /NDF: 9.3/11

In: -0.042 $\pm$ 0.046 χ^2 /NDF:7.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.037 $\pm$ 0.034 χ^2 /NDF: 9.3/11

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 62.282+/-0.032 χ^2/NDF : 728643.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.576+/-0.037 χ^2/NDF : 648708.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

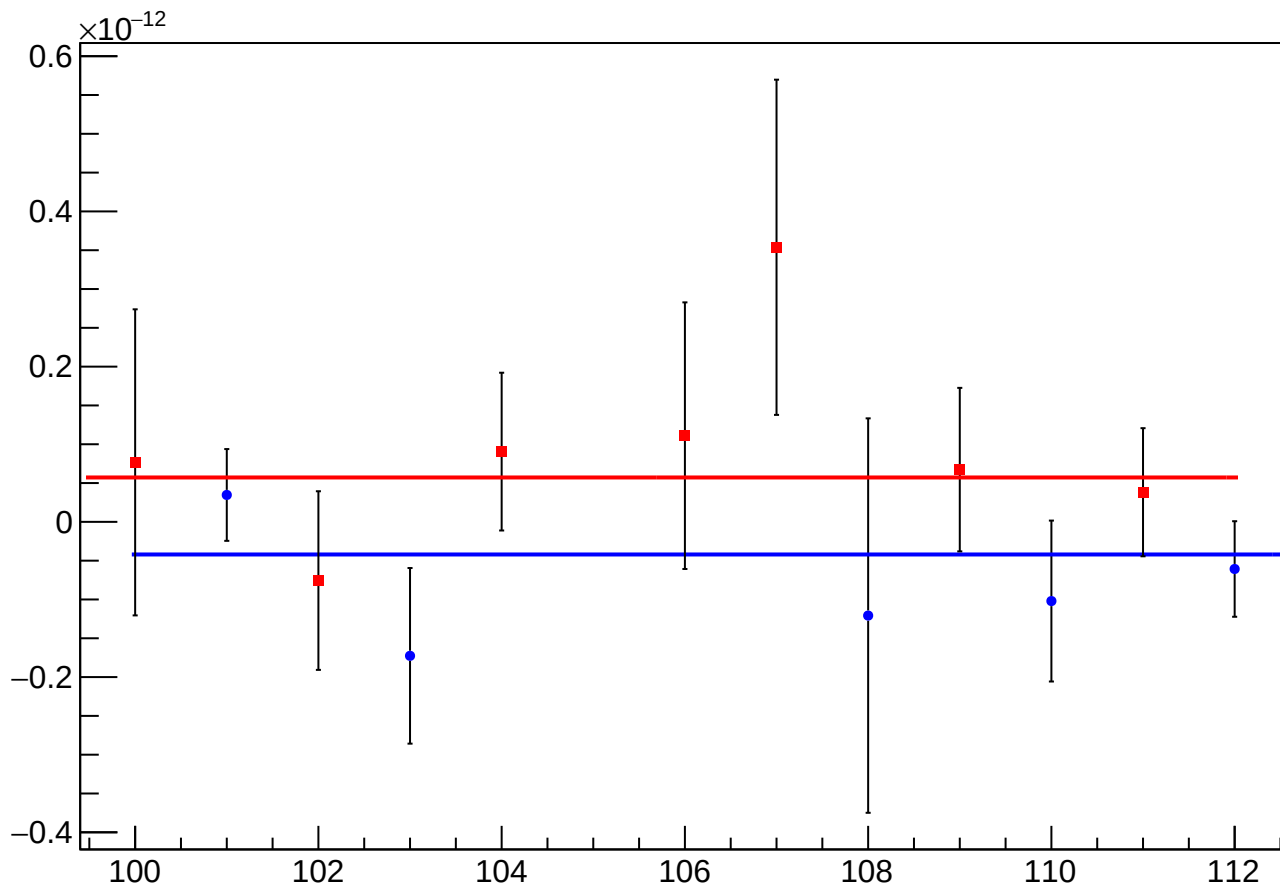
Right: 64.595+/-0.024 χ^2/NDF : 1389012.9/11

In: 62.282+/-0.032 χ^2/NDF : 728643.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.595+/-0.024 χ^2/NDF : 1389012.9/11

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 : 3.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

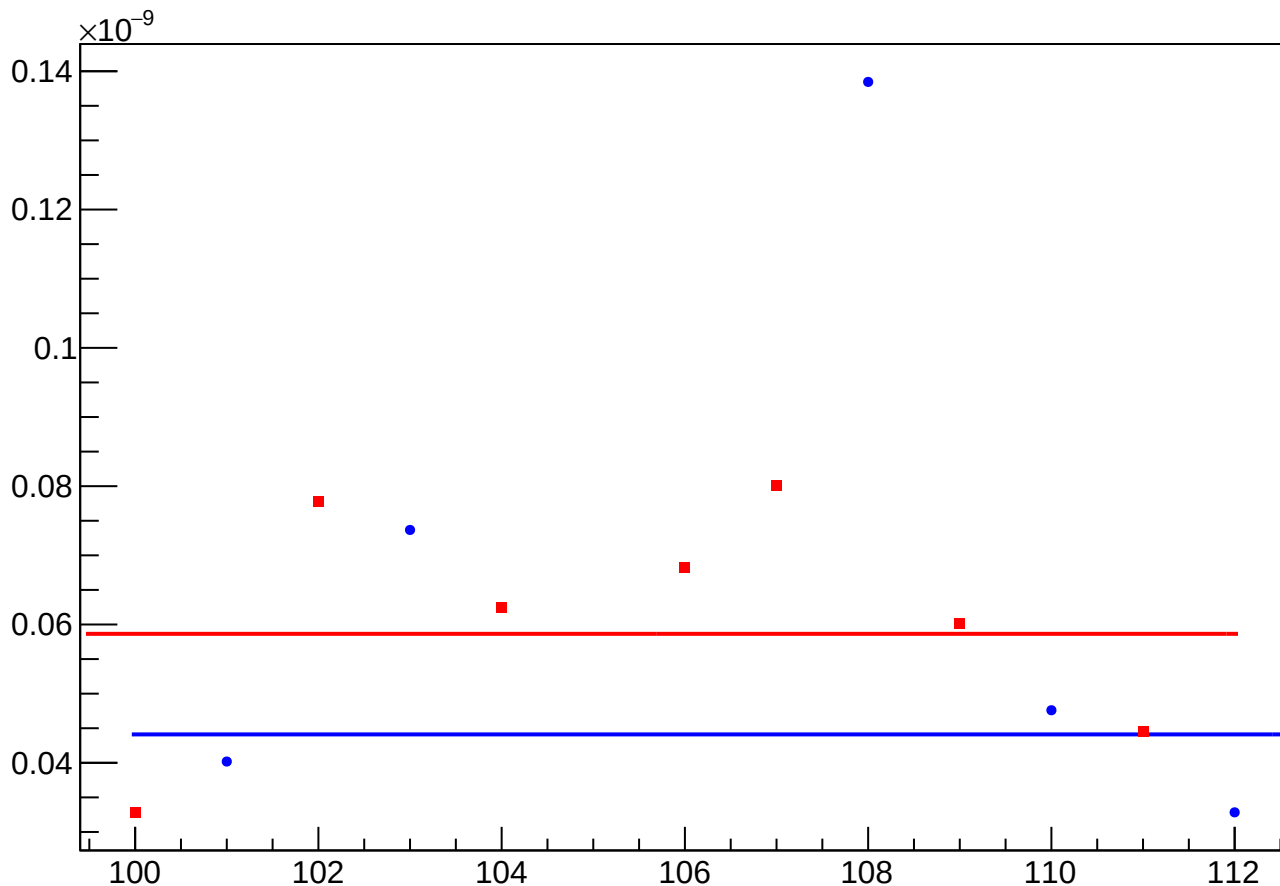
Right: -0.000+/-0.000 χ^2/NDF : 9.9/11

In: -0.000+/-0.000 χ^2/NDF : 3.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.9/11

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 : 490334.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 177863.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

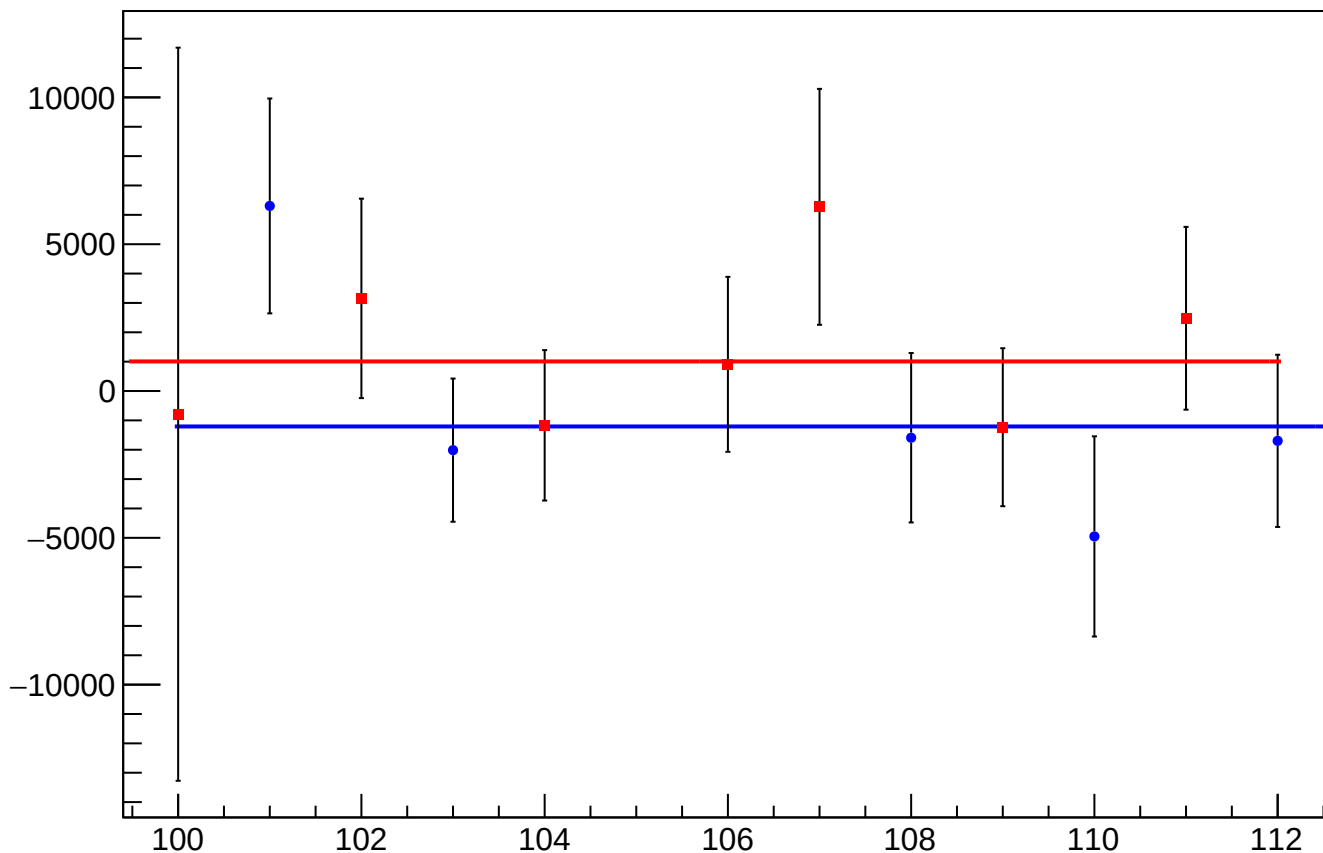
Right: 0.000+/-0.000 χ^2/NDF : 792692.0/11

In: 0.000+/-0.000 χ^2/NDF : 490334.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 792692.0/11

reg_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1207.006+/-1330.045 χ^2/NDF : 5.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1007.915+/-1229.521 χ^2/NDF : 3.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

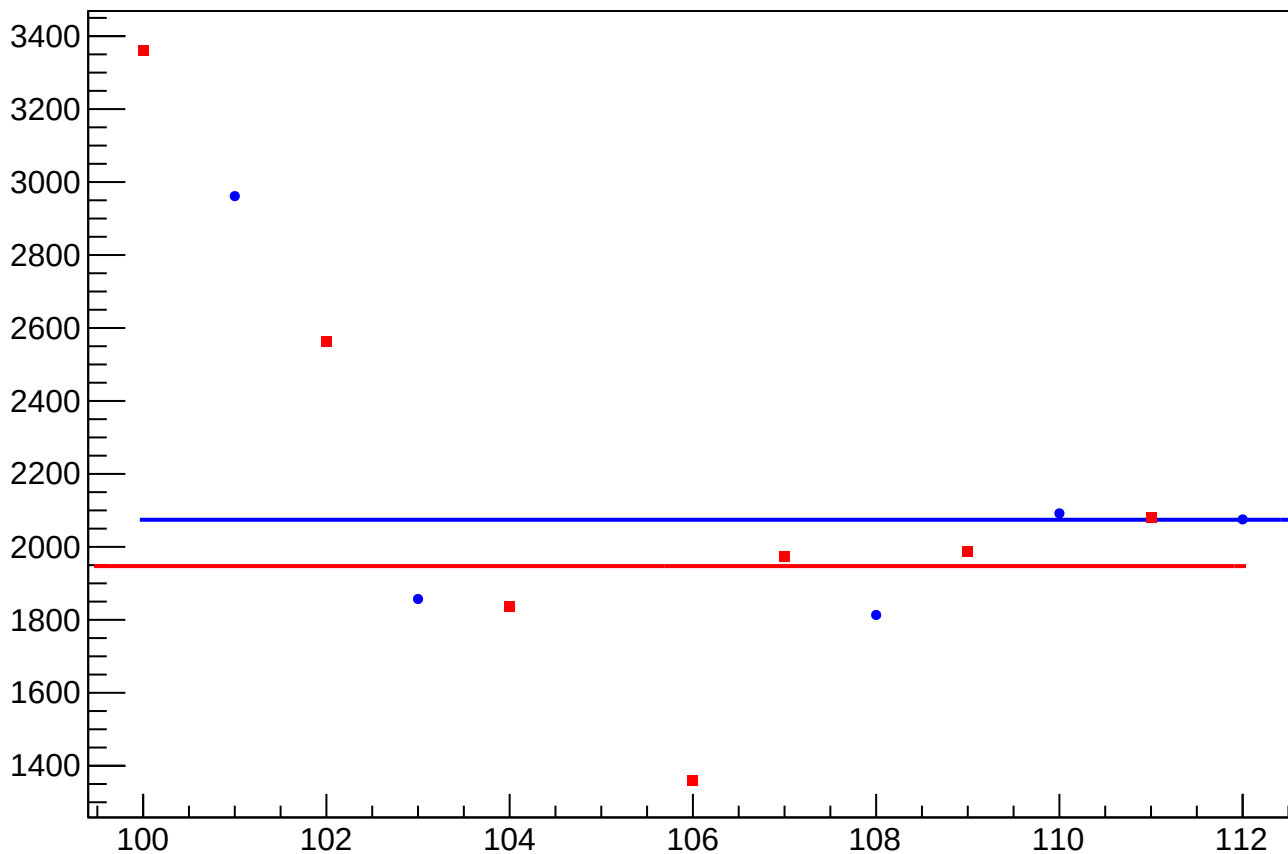
Right: -12.691+/-902.851 χ^2/NDF : 10.8/11

In: -1207.006+/-1330.045 χ^2/NDF : 5.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.691+/-902.851 χ^2/NDF : 10.8/11

reg_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2074.352+/-0.940 χ^2/NDF : 149814.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1947.325+/-0.869 χ^2/NDF : 176520.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

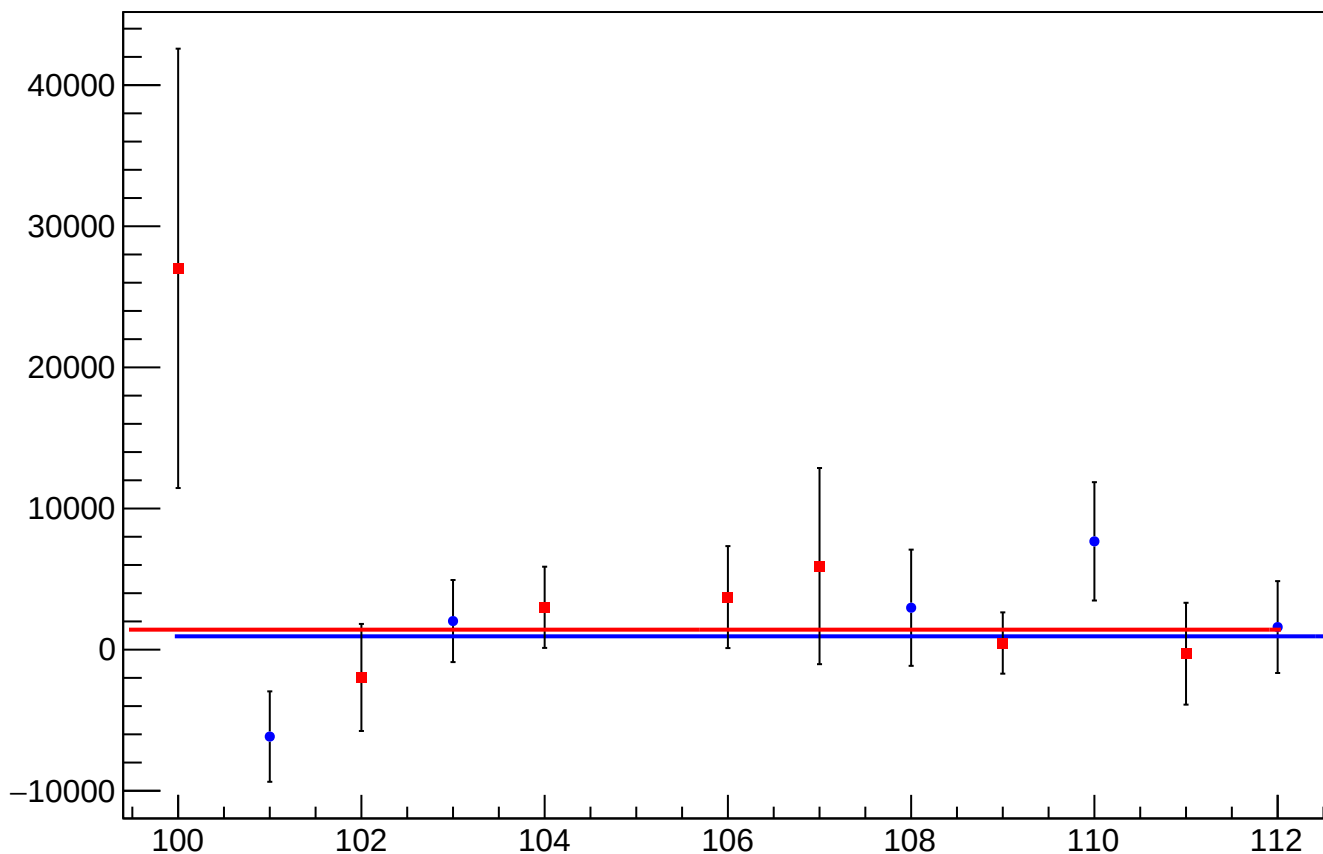
Right: 2005.856+/-0.638 χ^2/NDF : 336172.5/11

In: 2074.352+/-0.940 χ^2/NDF : 149814.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2005.856+/-0.638 χ^2/NDF : 336172.5/11

asym_us_dd_at2lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 945.047+/-1532.246 χ^2/NDF : 7.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1416.649+/-1312.371 χ^2/NDF : 5.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

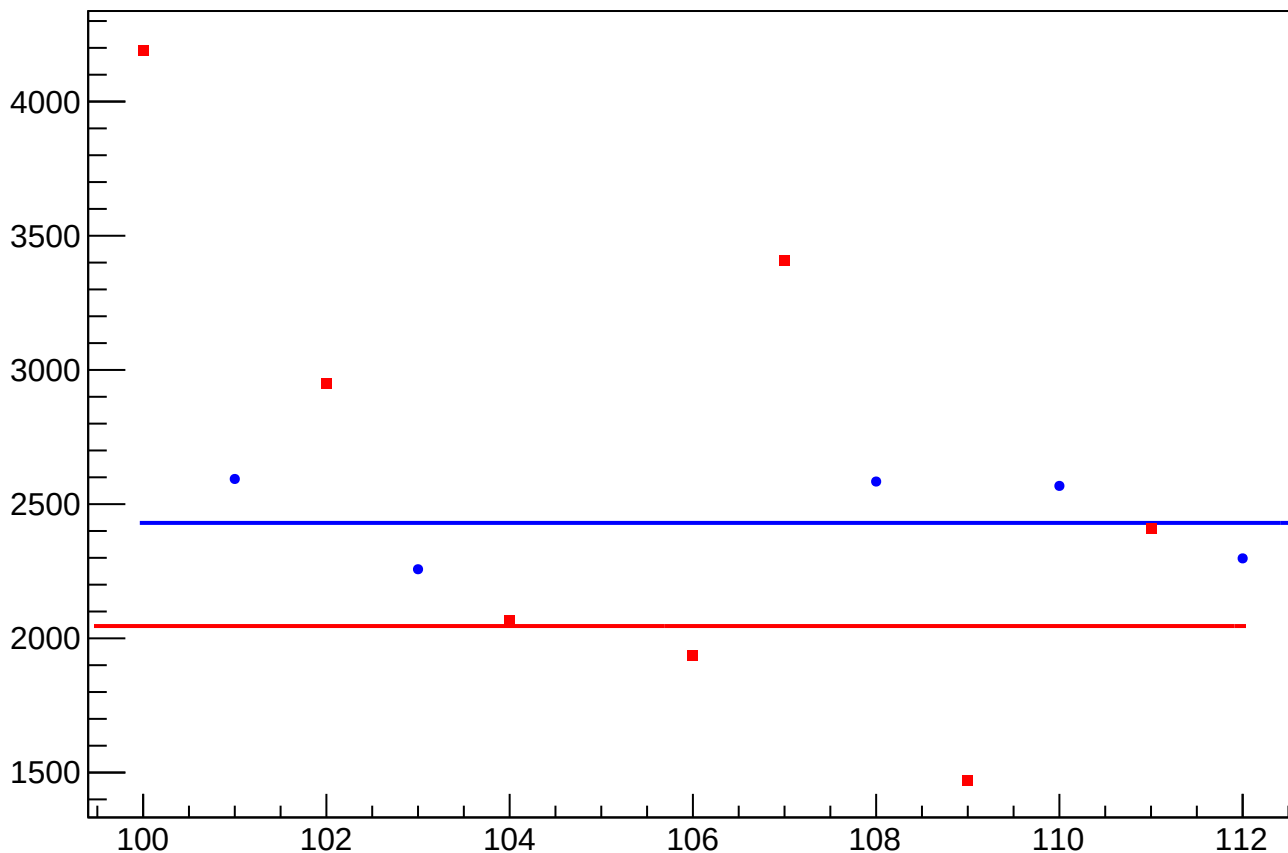
Right: 1217.084+/-996.742 χ^2/NDF : 13.0/11

In: 945.047+/-1532.246 χ^2/NDF : 7.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1217.084+/-996.742 χ^2/NDF : 13.0/11

asym_us_dd_at2lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2430.125+/-1.083 χ^2/NDF : 20534.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2045.847+/-0.928 χ^2/NDF : 390972.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

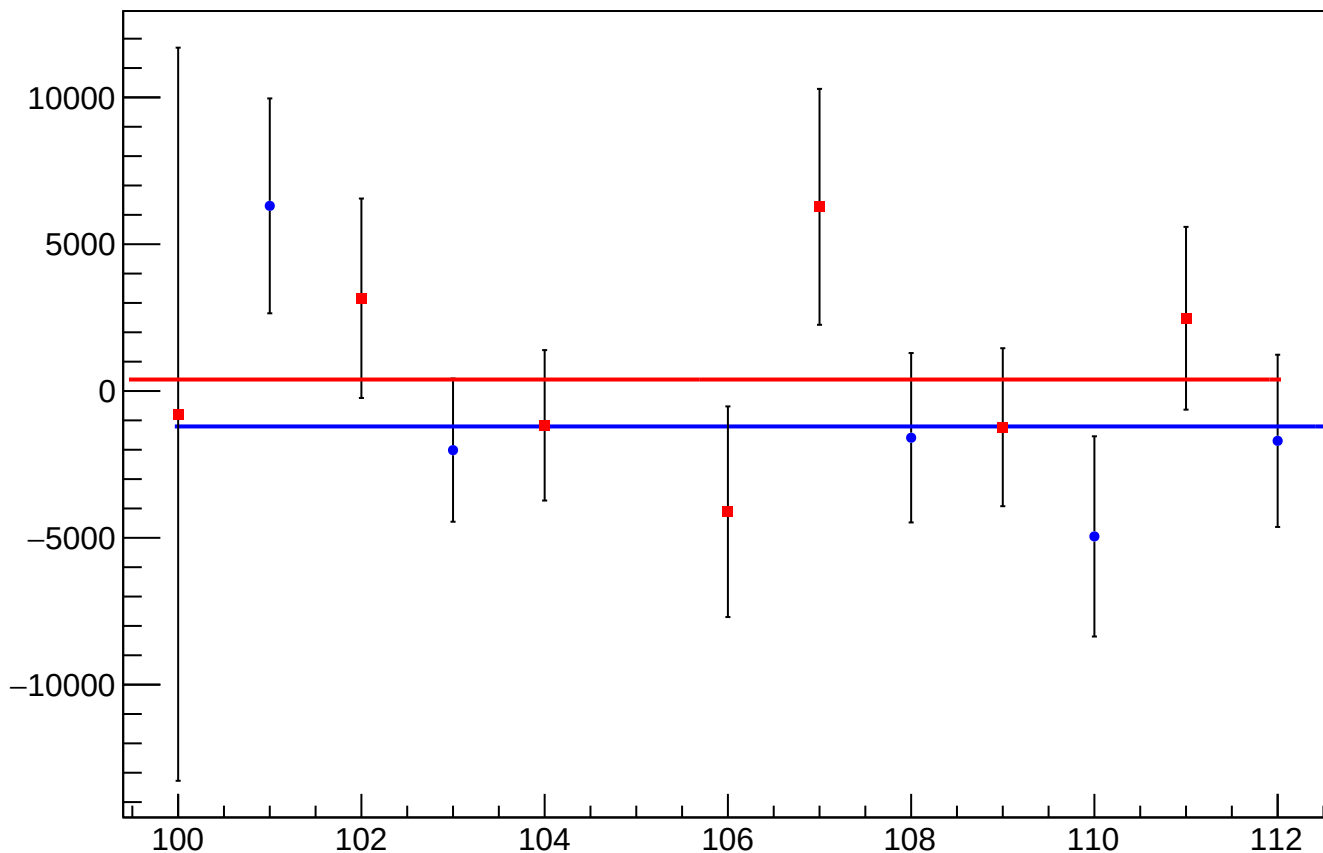
Right: 2208.460+/-0.705 χ^2/NDF : 484069.9/11

In: 2430.125+/-1.083 χ^2/NDF : 20534.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2208.460+/-0.705 χ^2/NDF : 484069.9/11

cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1206.579+/-1330.045 χ^2/NDF : 5.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 391.579+/-1263.301 χ^2/NDF : 5.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

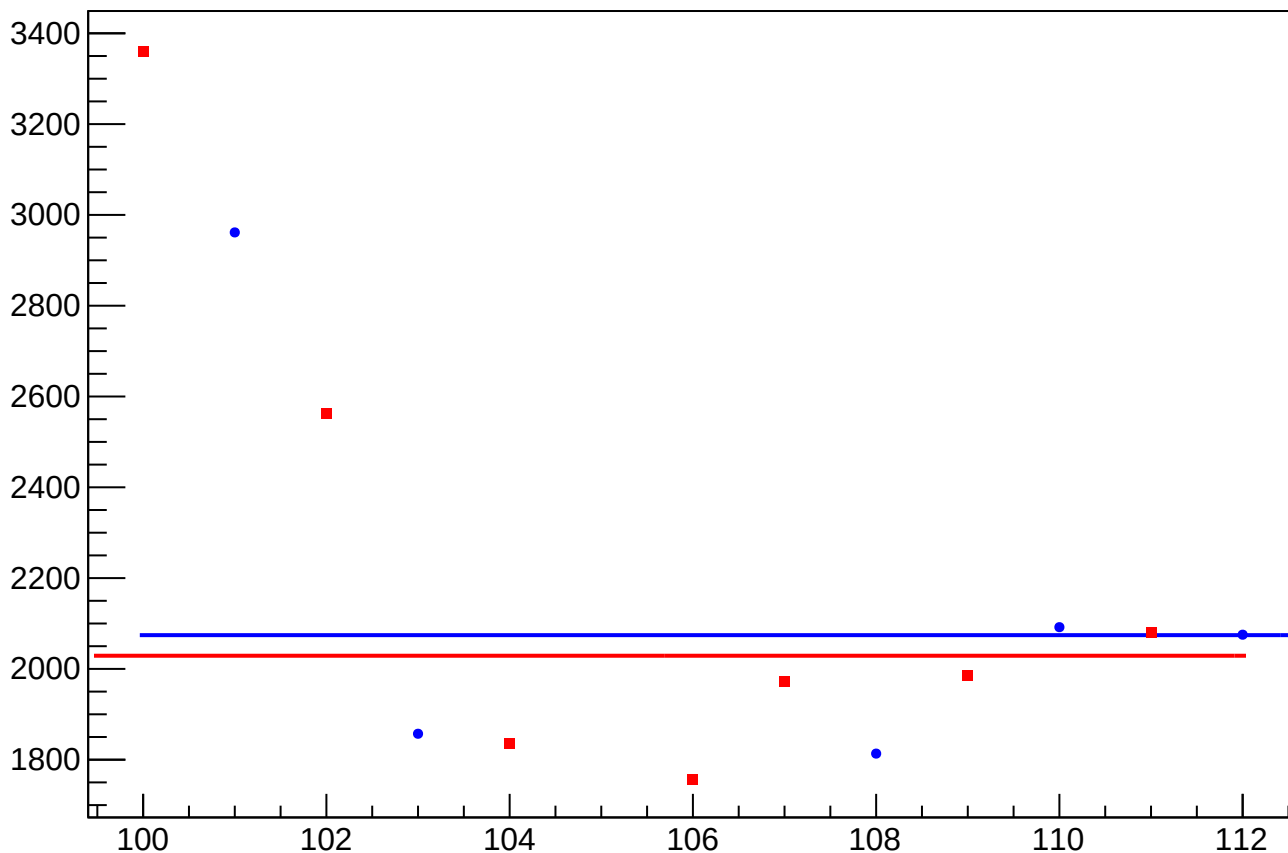
Right: -366.396+/-915.976 χ^2/NDF : 11.9/11

In: -1206.579+/-1330.045 χ^2/NDF : 5.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -366.396+/-915.976 χ^2/NDF : 11.9/11

cor_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2074.351+/-0.940 χ^2/NDF : 149815.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2029.002+/-0.893 χ^2/NDF : 96387.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

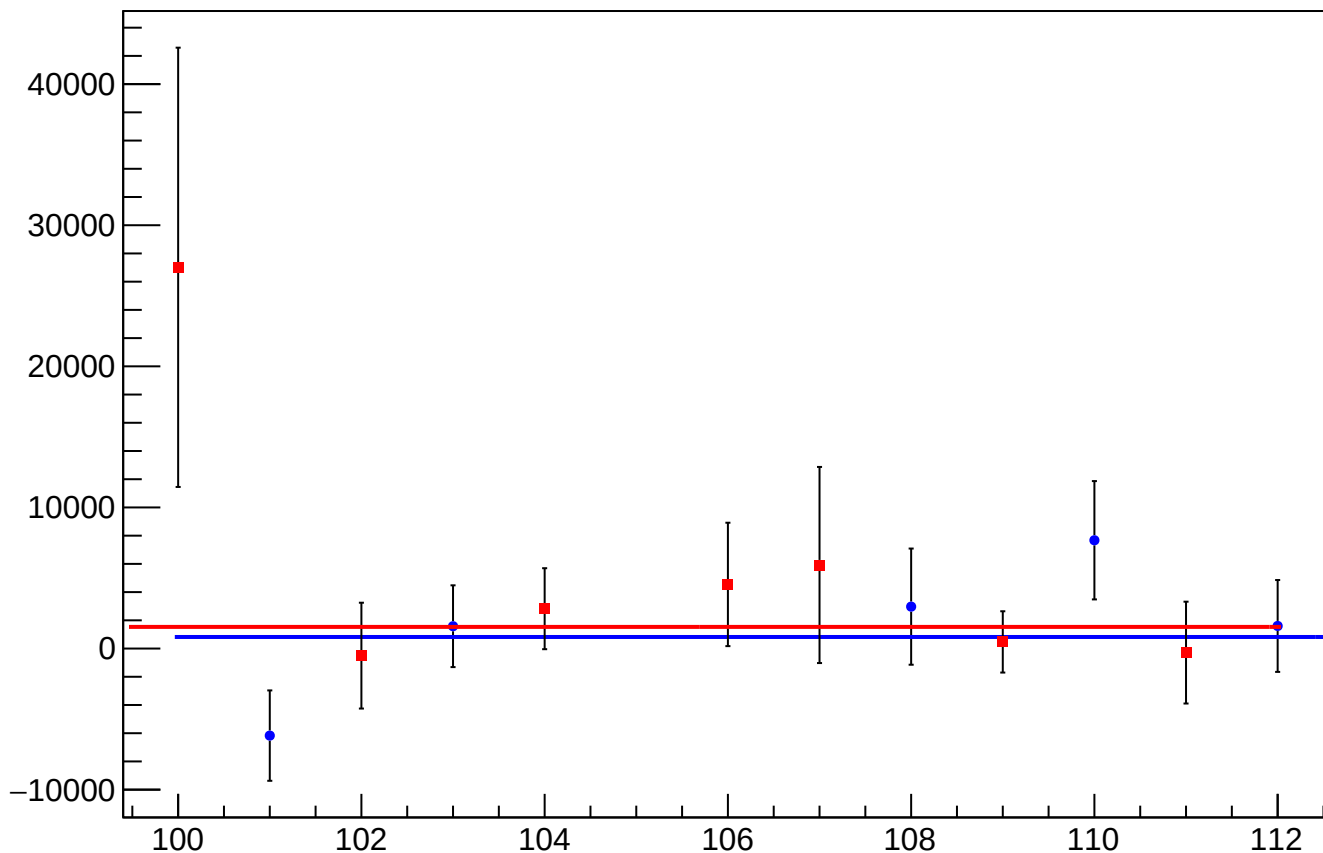
Right: 2050.510+/-0.648 χ^2/NDF : 247424.3/11

In: 2074.351+/-0.940 χ^2/NDF : 149815.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2050.510+/-0.648 χ^2/NDF : 247424.3/11

asym_us_dd_at2lr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 819.654+/-1530.592 χ^2/NDF : 7.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1533.791+/-1338.143 χ^2/NDF : 4.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

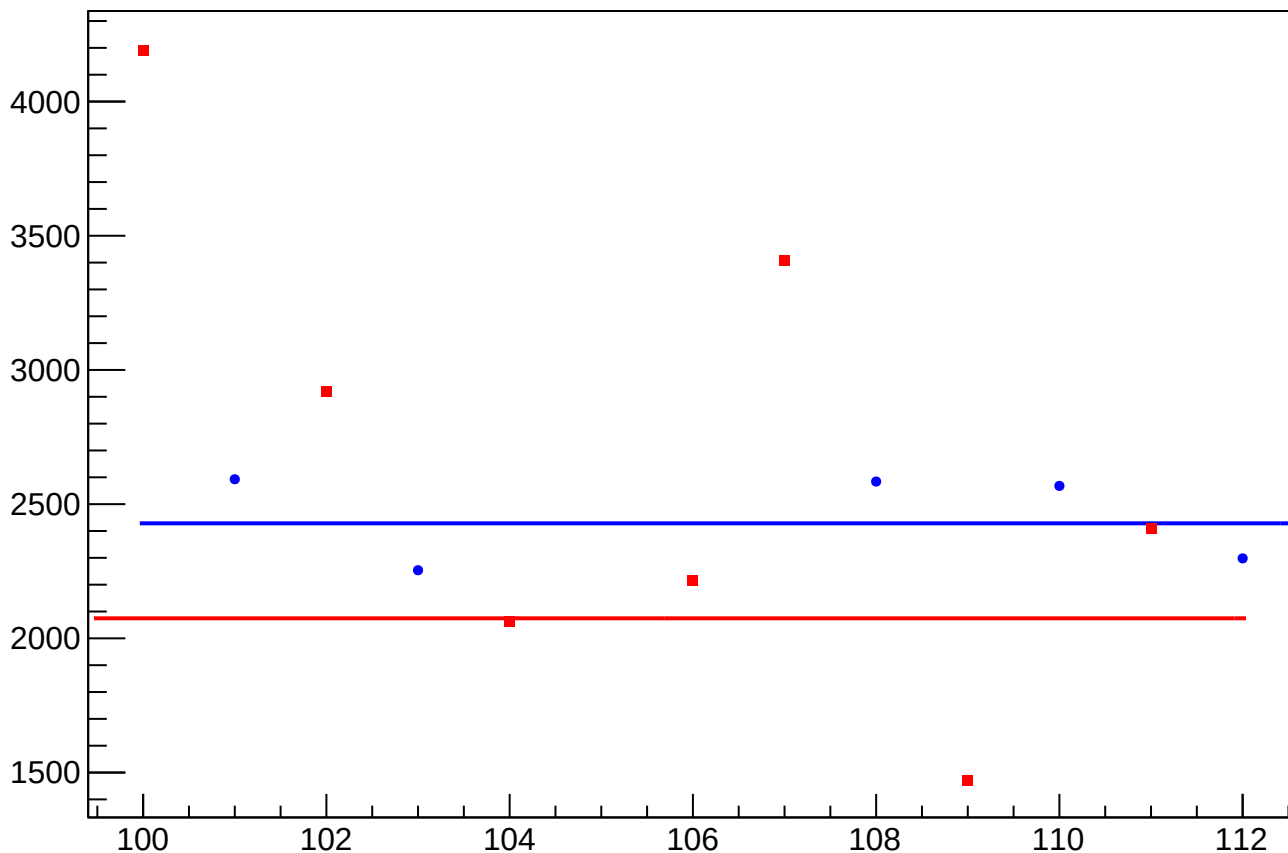
Right: 1224.416+/-1007.422 χ^2/NDF : 12.5/11

In: 819.654+/-1530.592 χ^2/NDF : 7.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1224.416+/-1007.422 χ^2/NDF : 12.5/11

asym_us_dd_at2lr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2428.546+/-1.082 χ^2/NDF : 20824.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2074.659+/-0.946 χ^2/NDF : 386345.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

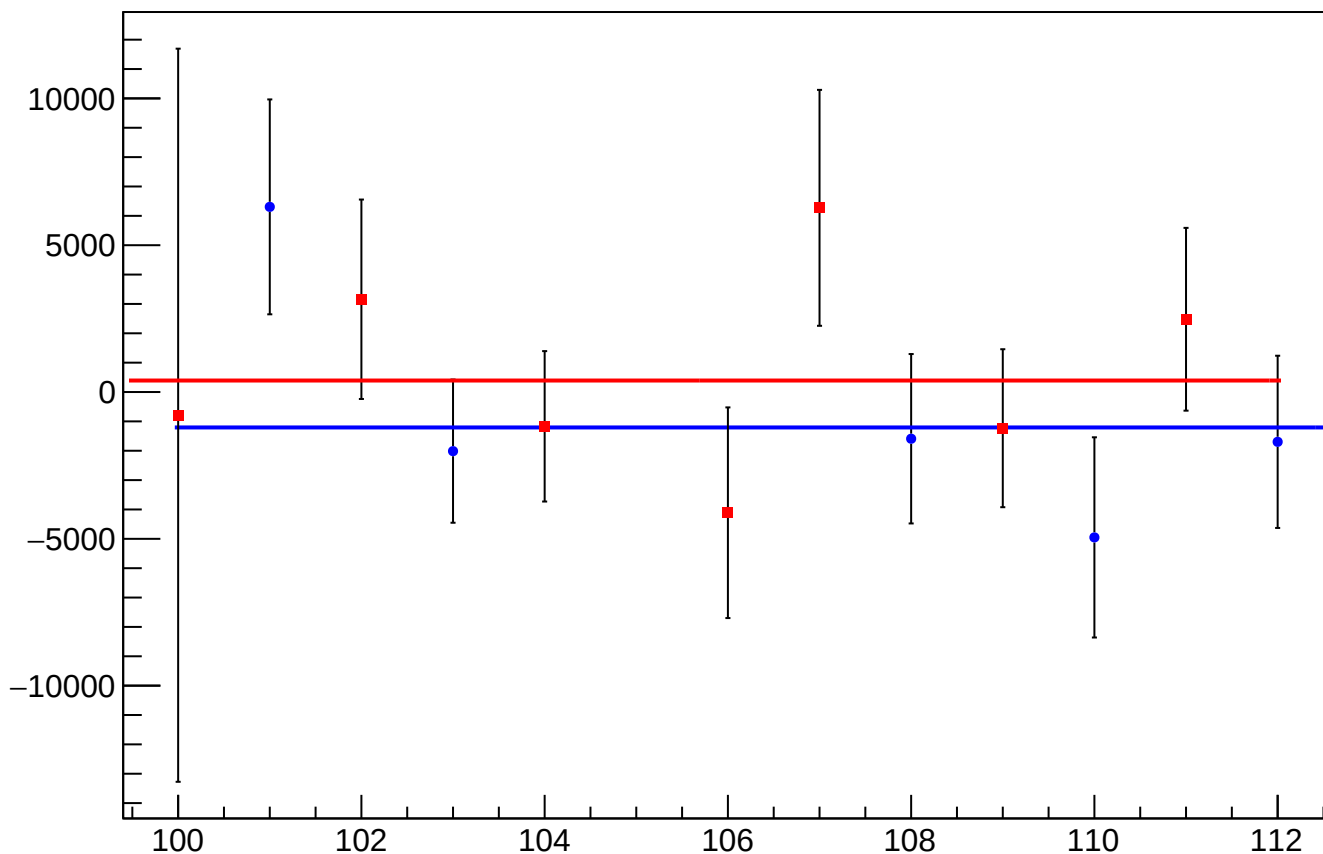
Right: 2227.969+/-0.712 χ^2/NDF : 467767.4/11

In: 2428.546+/-1.082 χ^2/NDF : 20824.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2227.969+/-0.712 χ^2/NDF : 467767.4/11

eigen_cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1206.579+/-1330.045 χ^2/NDF : 5.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 391.579+/-1263.301 χ^2/NDF : 5.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

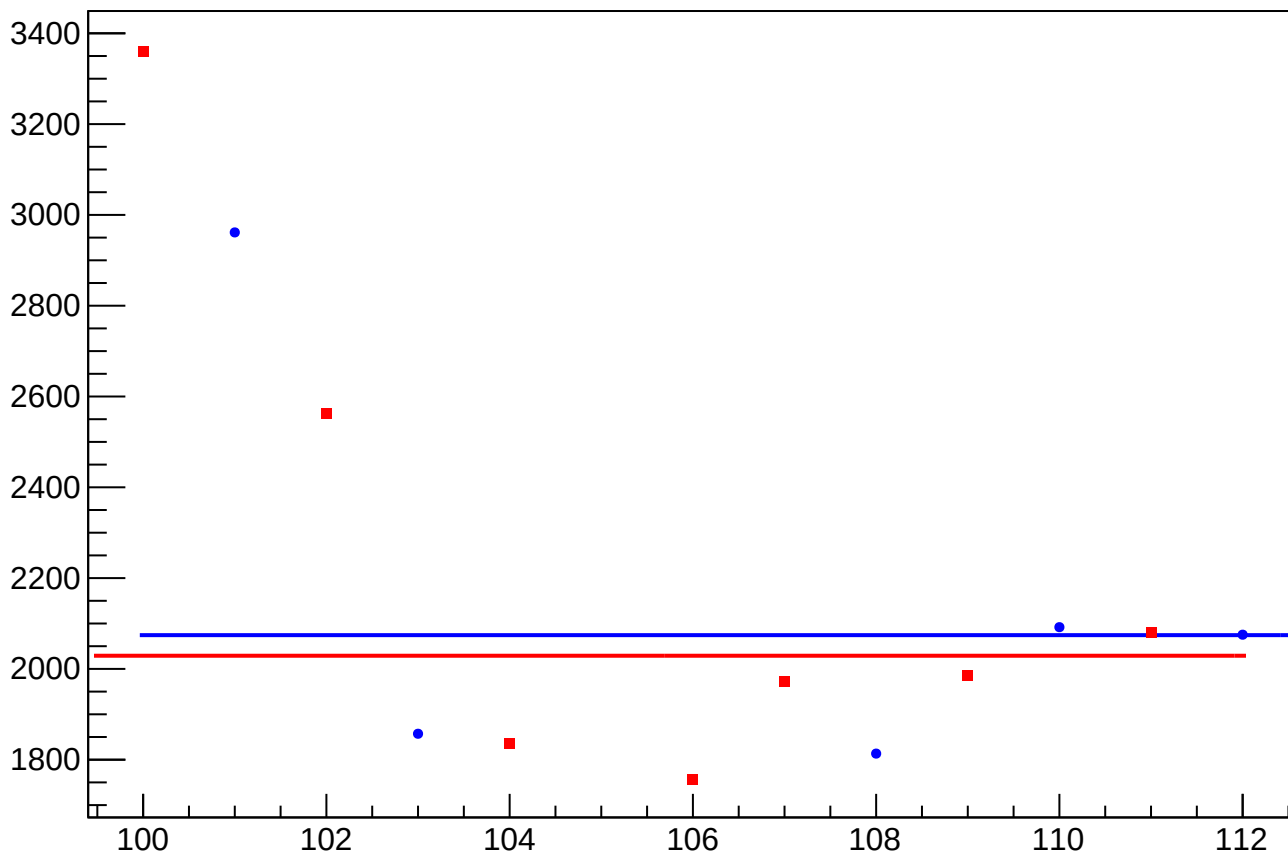
Right: -366.396+/-915.976 χ^2/NDF : 11.9/11

In: -1206.579+/-1330.045 χ^2/NDF : 5.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -366.396+/-915.976 χ^2/NDF : 11.9/11

eigen_cor_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2074.351+/-0.940 χ^2/NDF : 149815.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2029.002+/-0.893 χ^2/NDF : 96387.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

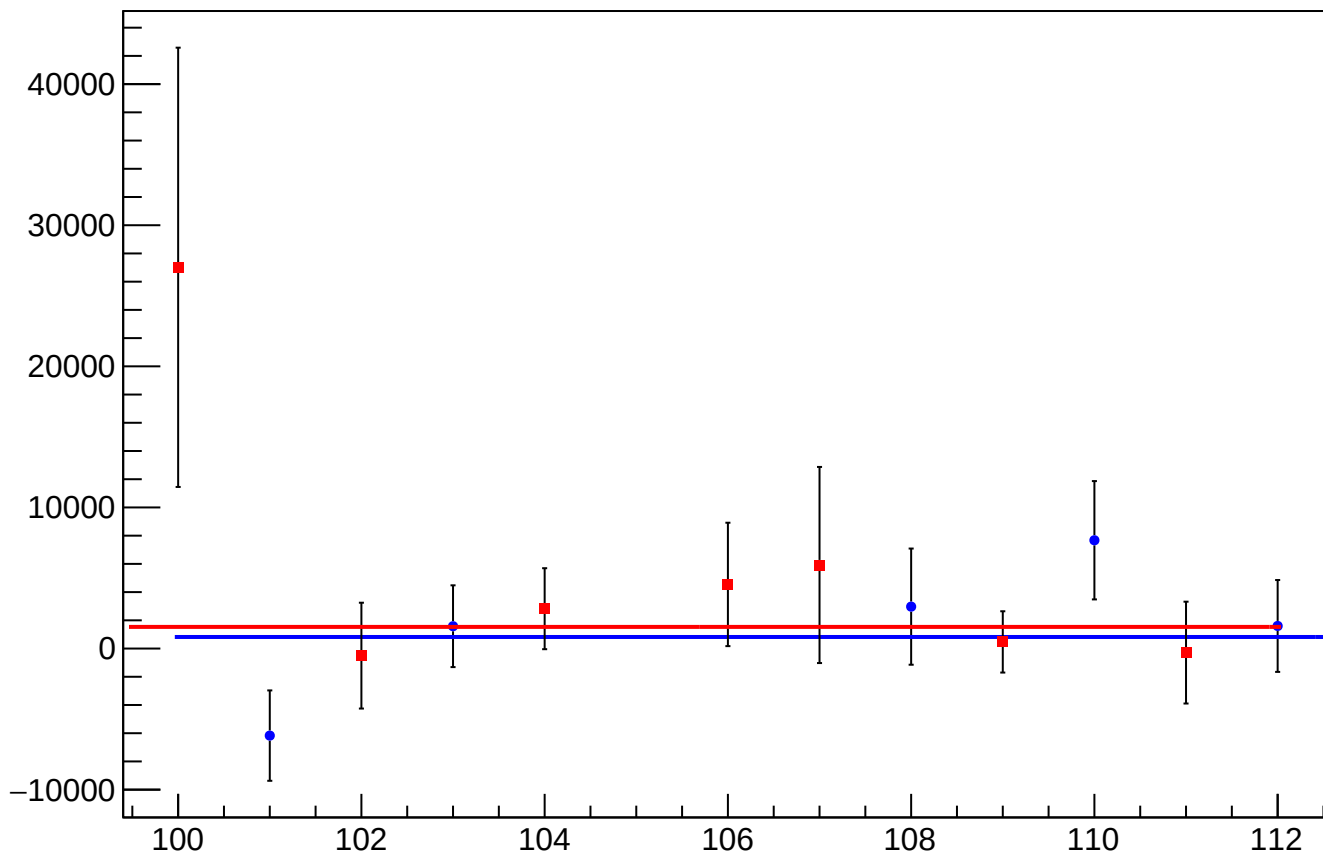
Right: 2050.510+/-0.648 χ^2/NDF : 247424.3/11

In: 2074.351+/-0.940 χ^2/NDF : 149815.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2050.510+/-0.648 χ^2/NDF : 247424.3/11

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 819.654+/-1530.592 χ^2/NDF : 7.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1533.791+/-1338.143 χ^2/NDF : 4.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

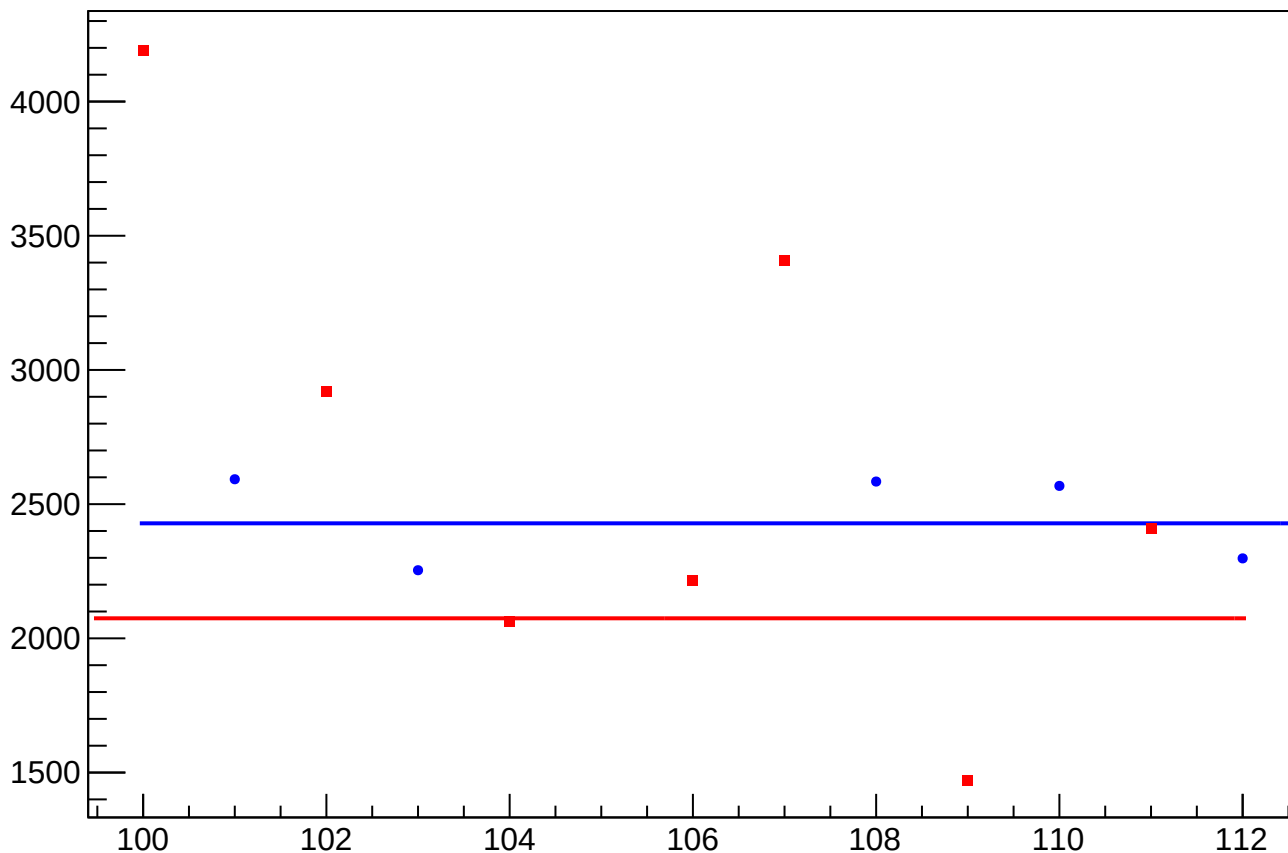
Right: 1224.416+/-1007.422 χ^2/NDF : 12.5/11

In: 819.654+/-1530.592 χ^2/NDF : 7.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1224.416+/-1007.422 χ^2/NDF : 12.5/11

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2428.546+/-1.082 χ^2/NDF : 20824.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2074.659+/-0.946 χ^2/NDF : 386345.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

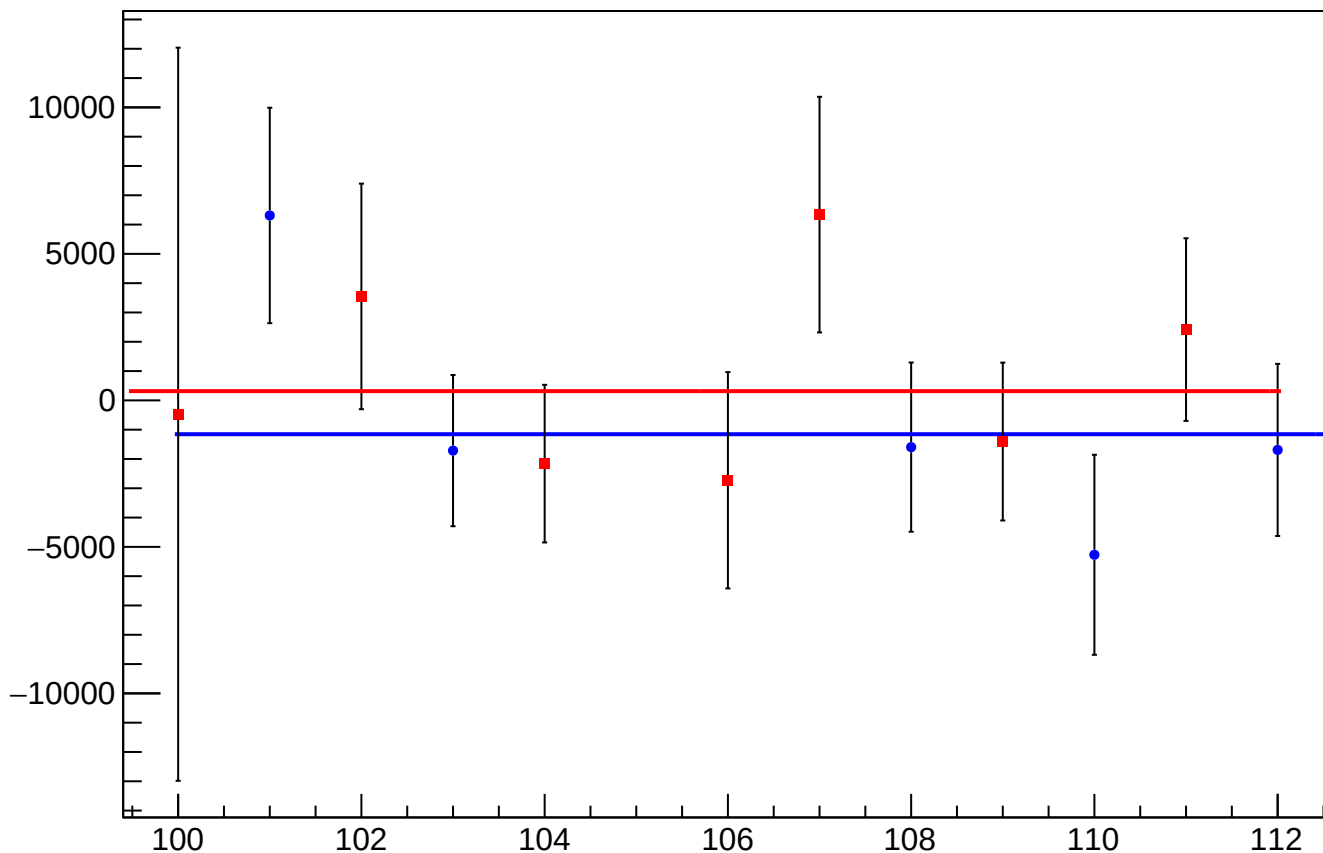
Right: 2227.969+/-0.712 χ^2/NDF : 467767.4/11

In: 2428.546+/-1.082 χ^2/NDF : 20824.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2227.969+/-0.712 χ^2/NDF : 467767.4/11

dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1154.734+/-1353.507 χ^2/NDF : 5.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 315.262+/-1304.071 χ^2/NDF : 5.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

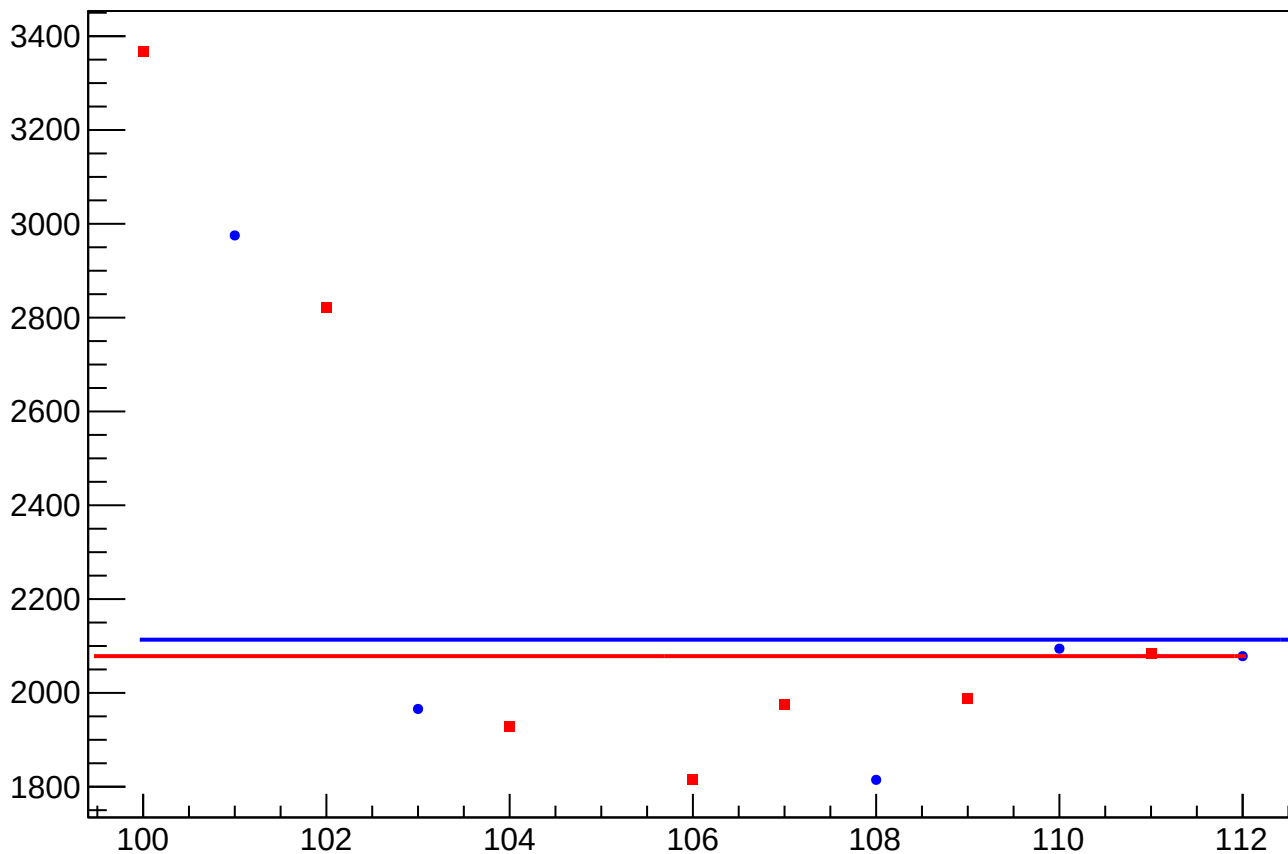
Right: -392.401+/-939.108 χ^2/NDF : 11.6/11

In: -1154.734+/-1353.507 χ^2/NDF : 5.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -392.401+/-939.108 χ^2/NDF : 11.6/11

dit_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2113.484+/-0.957 χ^2/NDF : 138185.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2078.396+/-0.922 χ^2/NDF : 115632.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

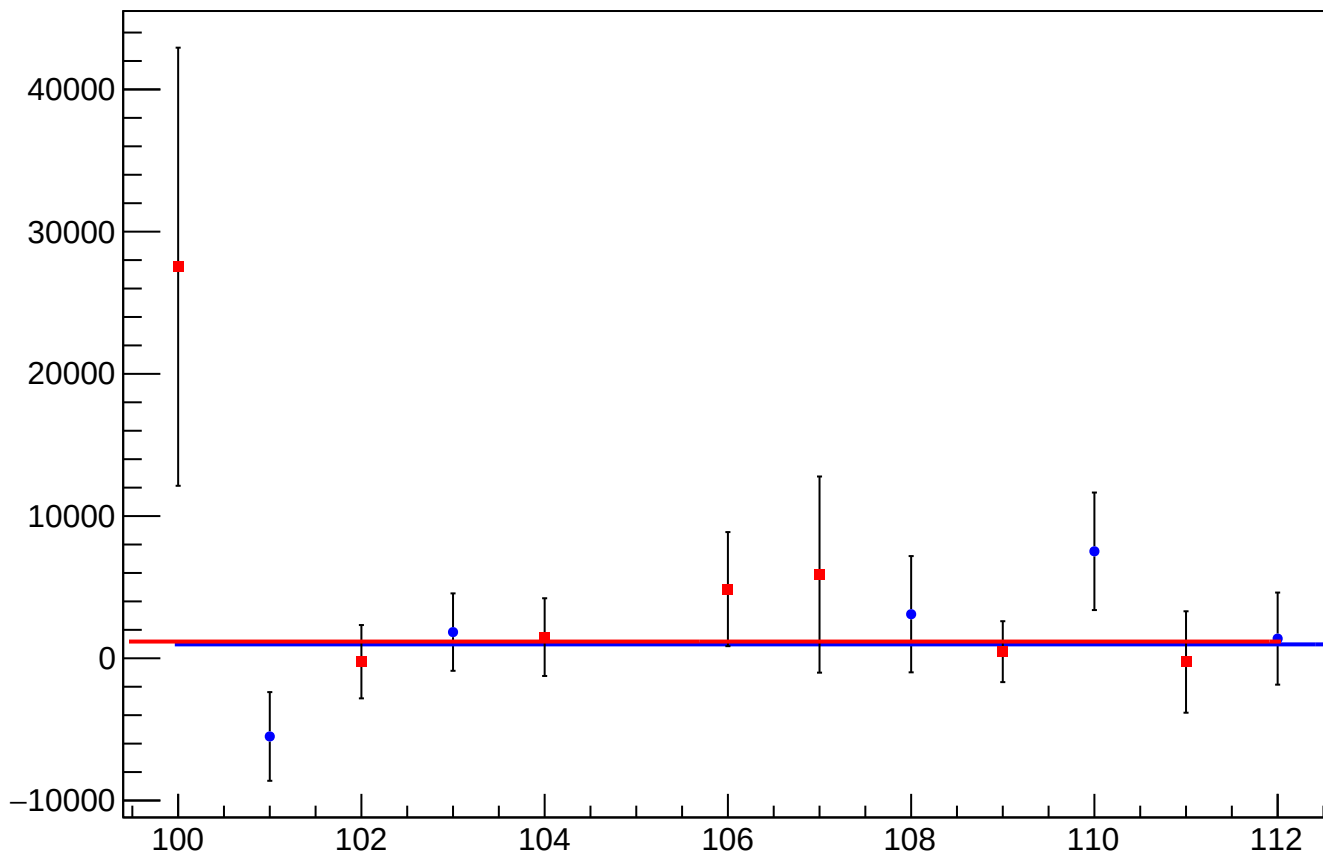
Right: 2095.288+/-0.664 χ^2/NDF : 254515.1/11

In: 2113.484+/-0.957 χ^2/NDF : 138185.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2095.288+/-0.664 χ^2/NDF : 254515.1/11

asym_us_dd_at2lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 978.030+/-1487.961 χ^2 /NDF: 7.2/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1176.722+/-1223.171 χ^2 /NDF: 4.8/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

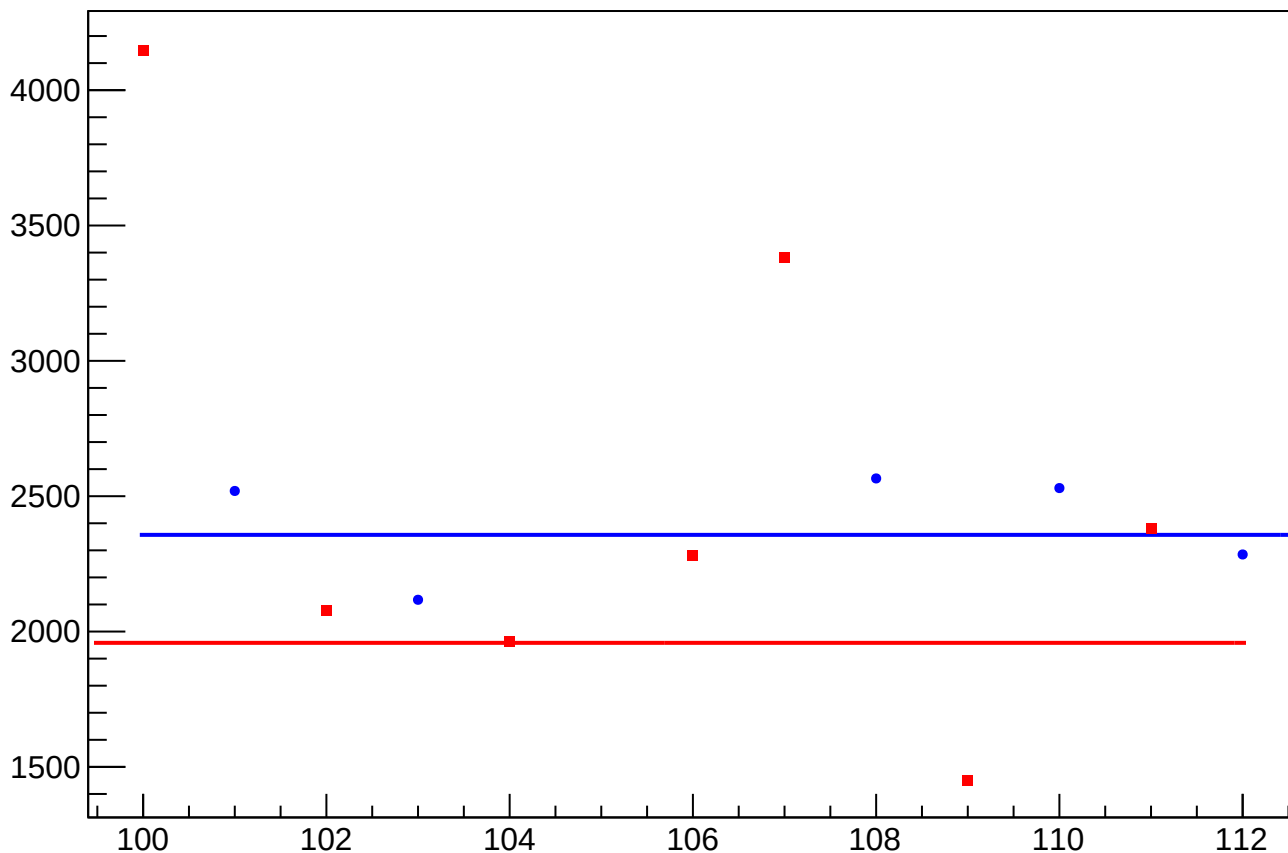
Right: 1096.598+/-944.891 χ^2 /NDF: 12.0/11

In: 978.030+/-1487.961 χ^2 /NDF:7.2/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1096.598+/-944.891 χ^2 /NDF: 12.0/11

asym_us_dd_at2lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2357.185+/-1.052 χ^2/NDF : 30646.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1958.267+/-0.865 χ^2/NDF : 283326.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

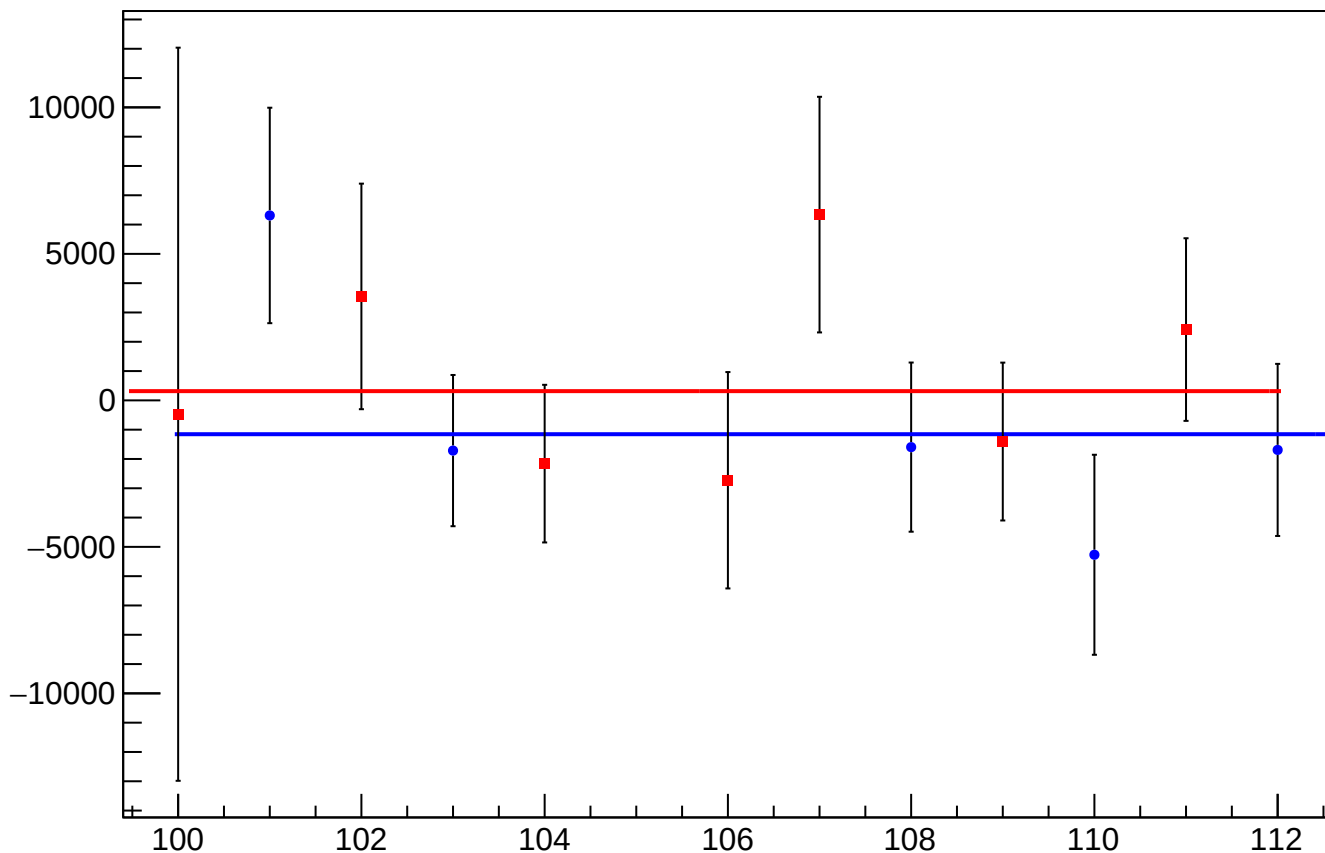
Right: 2119.133+/-0.668 χ^2/NDF : 399755.8/11

In: 2357.185+/-1.052 χ^2/NDF : 30646.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2119.133+/-0.668 χ^2/NDF : 399755.8/11

eigen_dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1154.726+/-1353.507 χ^2/NDF : 5.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 315.259+/-1304.071 χ^2/NDF : 5.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

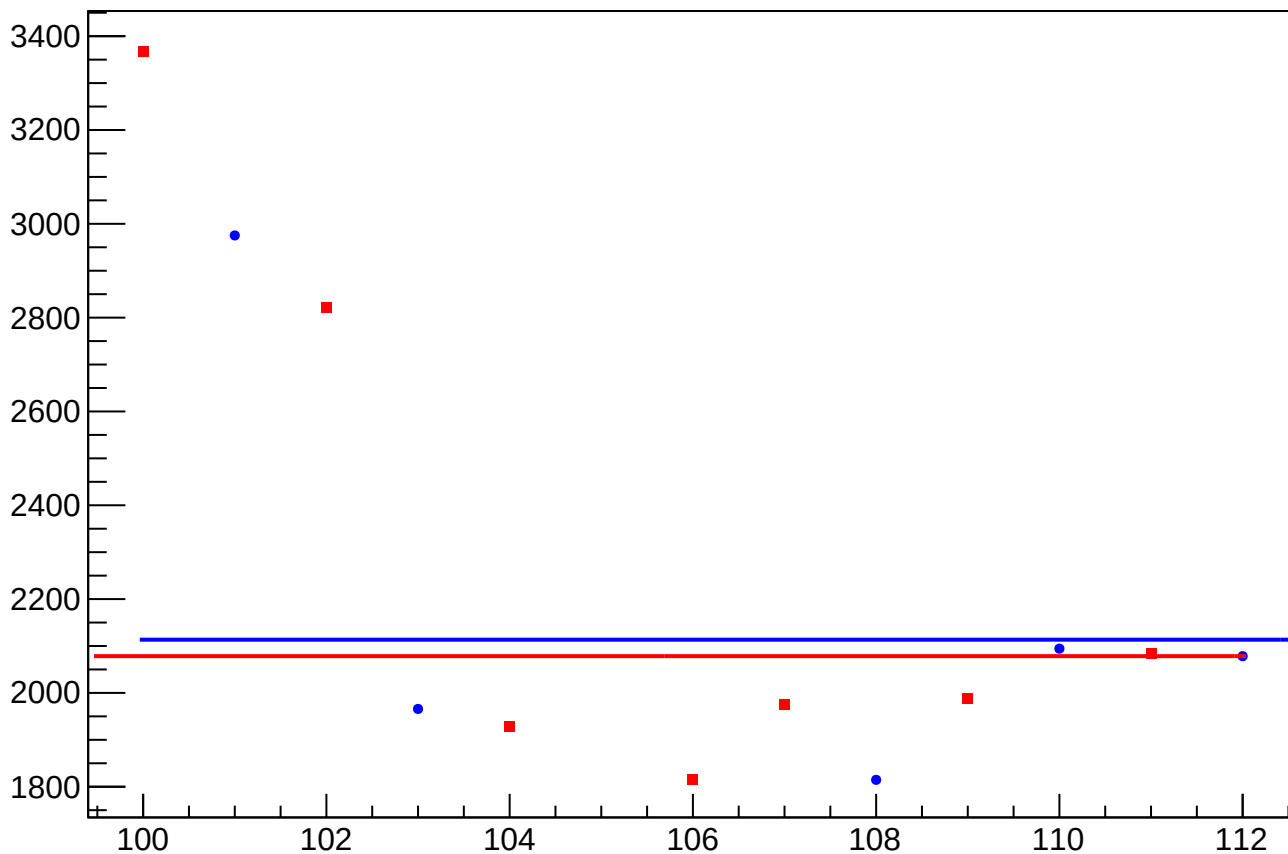
Right: -392.399+/-939.108 χ^2/NDF : 11.6/11

In: -1154.726+/-1353.507 χ^2/NDF : 5.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -392.399+/-939.108 χ^2/NDF : 11.6/11

eigen_dit_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2113.484+/-0.957 χ^2/NDF : 138185.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2078.396+/-0.922 χ^2/NDF : 115632.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

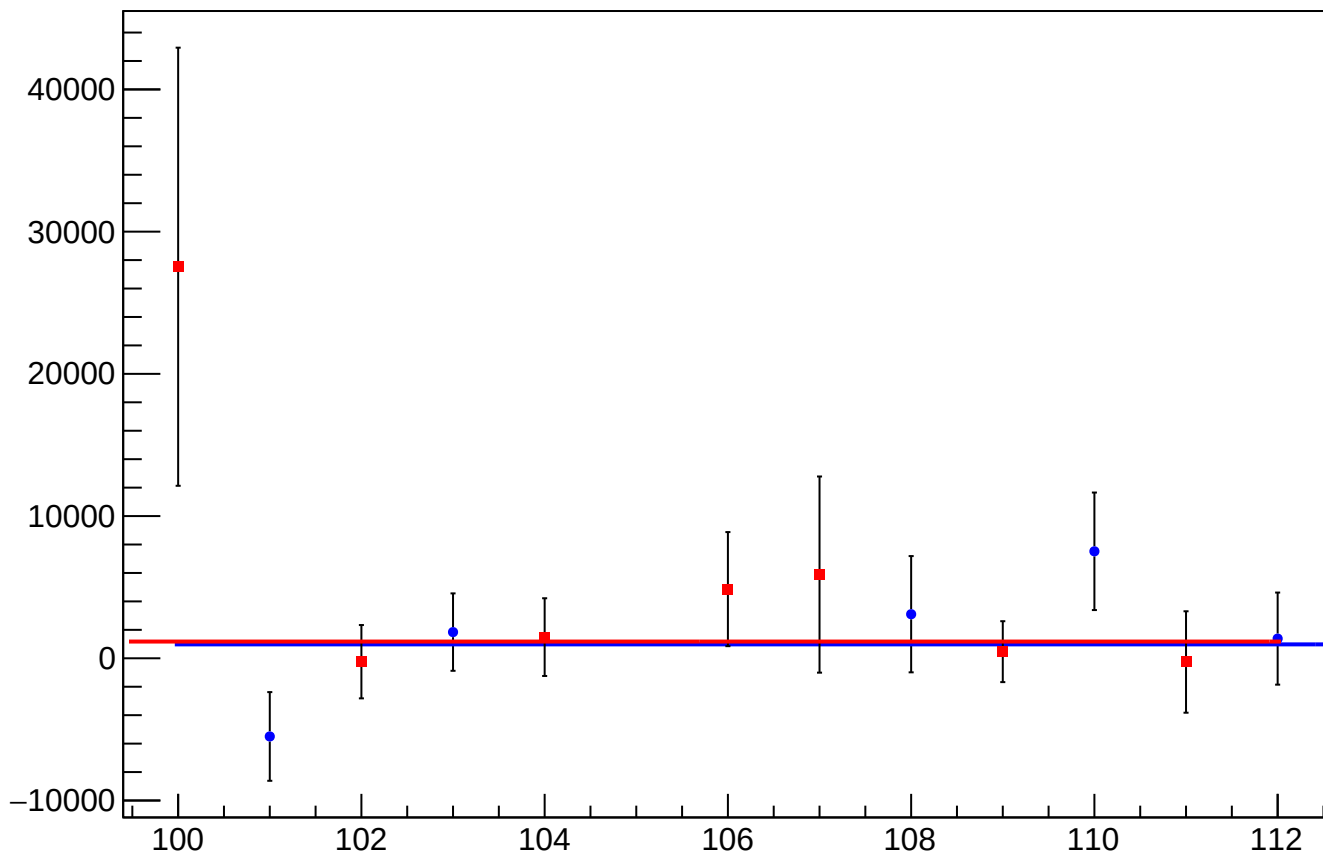
Right: 2095.288+/-0.664 χ^2/NDF : 254514.9/11

In: 2113.484+/-0.957 χ^2/NDF : 138185.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2095.288+/-0.664 χ^2/NDF : 254514.9/11

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 978.027+/-1487.958 χ^2/NDF : 7.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1176.723+/-1223.174 χ^2/NDF : 4.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

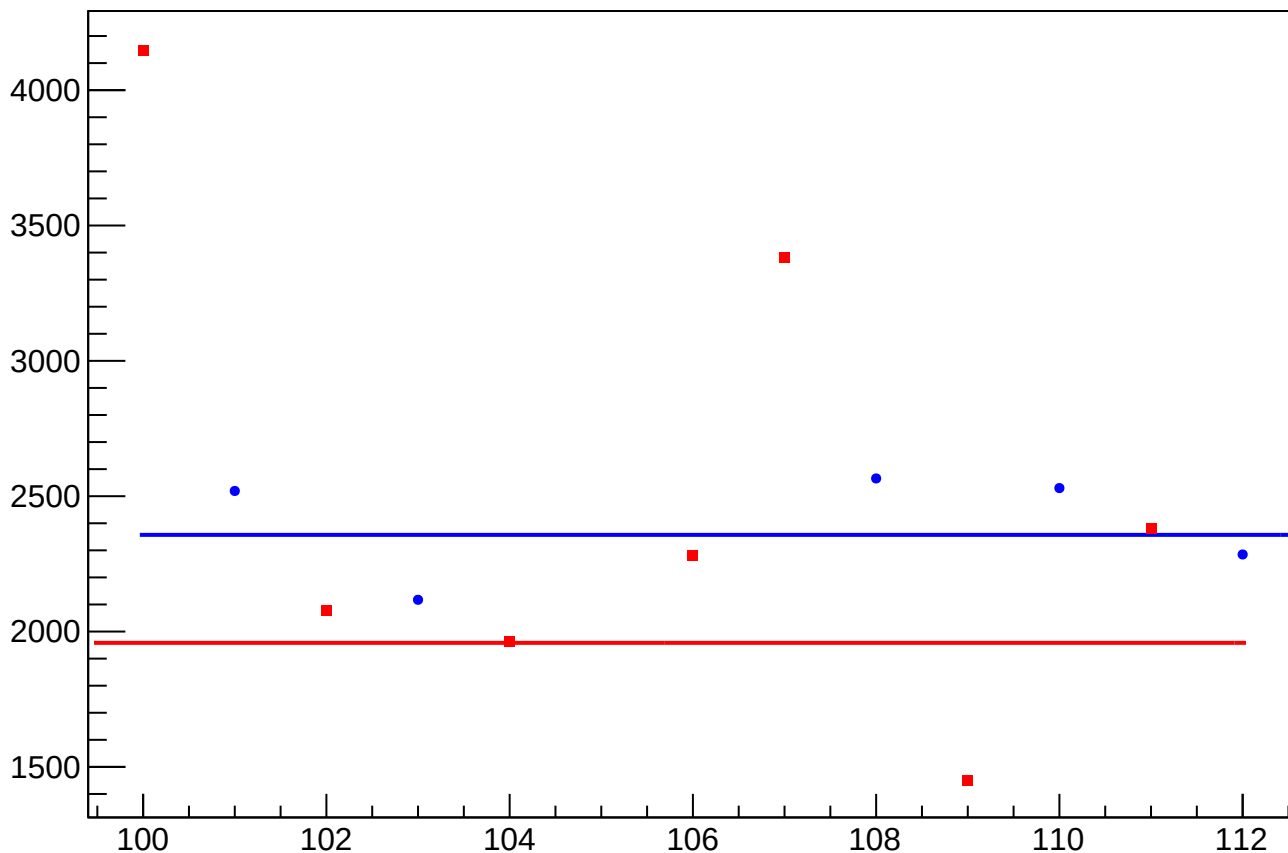
Right: 1096.597+/-944.891 χ^2/NDF : 12.0/11

In: 978.027+/-1487.958 χ^2/NDF : 7.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1096.597+/-944.891 χ^2/NDF : 12.0/11

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2357.181+/-1.052 χ^2/NDF : 30643.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1958.274+/-0.865 χ^2/NDF : 283318.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

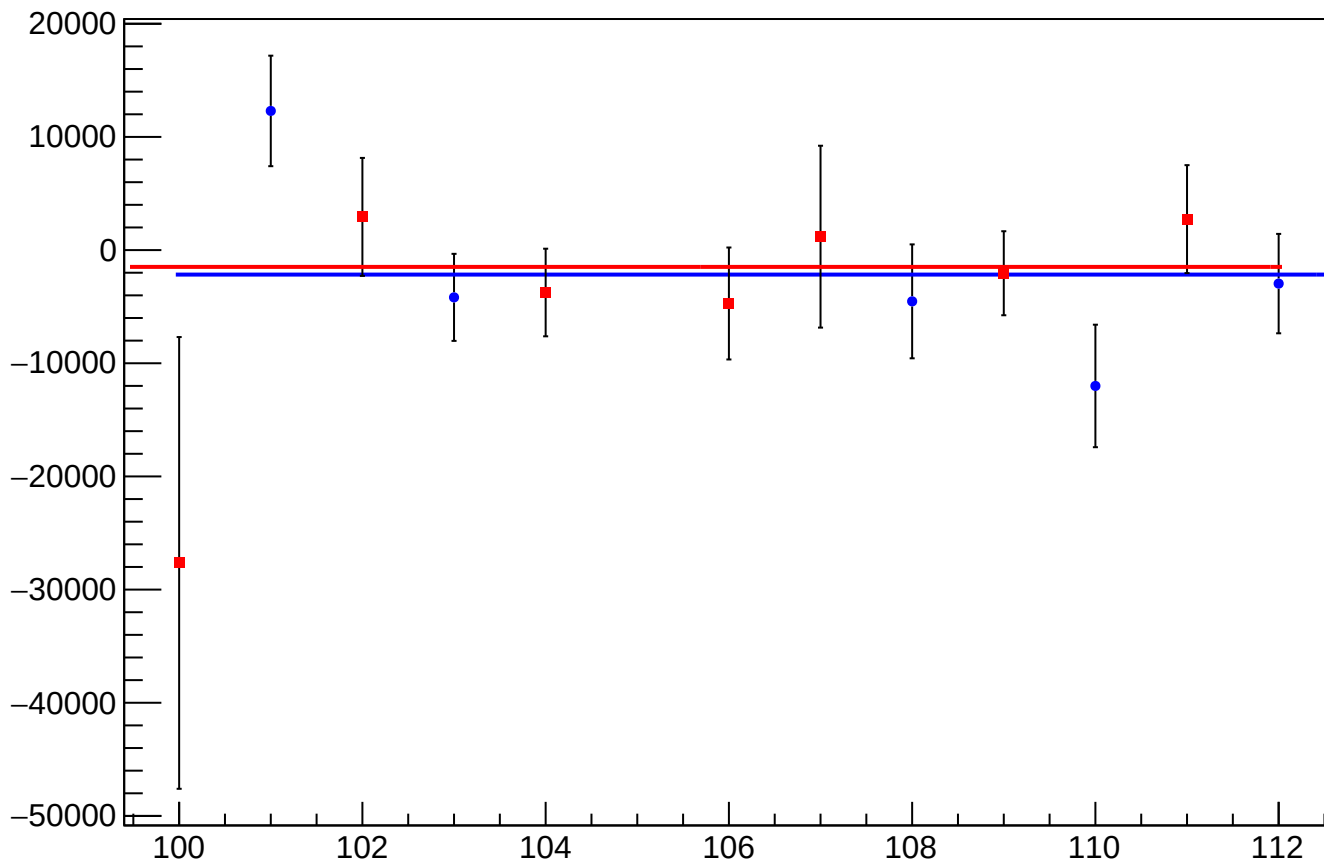
Right: 2119.136+/-0.668 χ^2/NDF : 399741.2/11

In: 2357.181+/-1.052 χ^2/NDF : 30643.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2119.136+/-0.668 χ^2/NDF : 399741.2/11

asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -2164.338+/-2062.863 χ^2/NDF : 12.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1484.912+/-1893.459 χ^2/NDF : 4.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

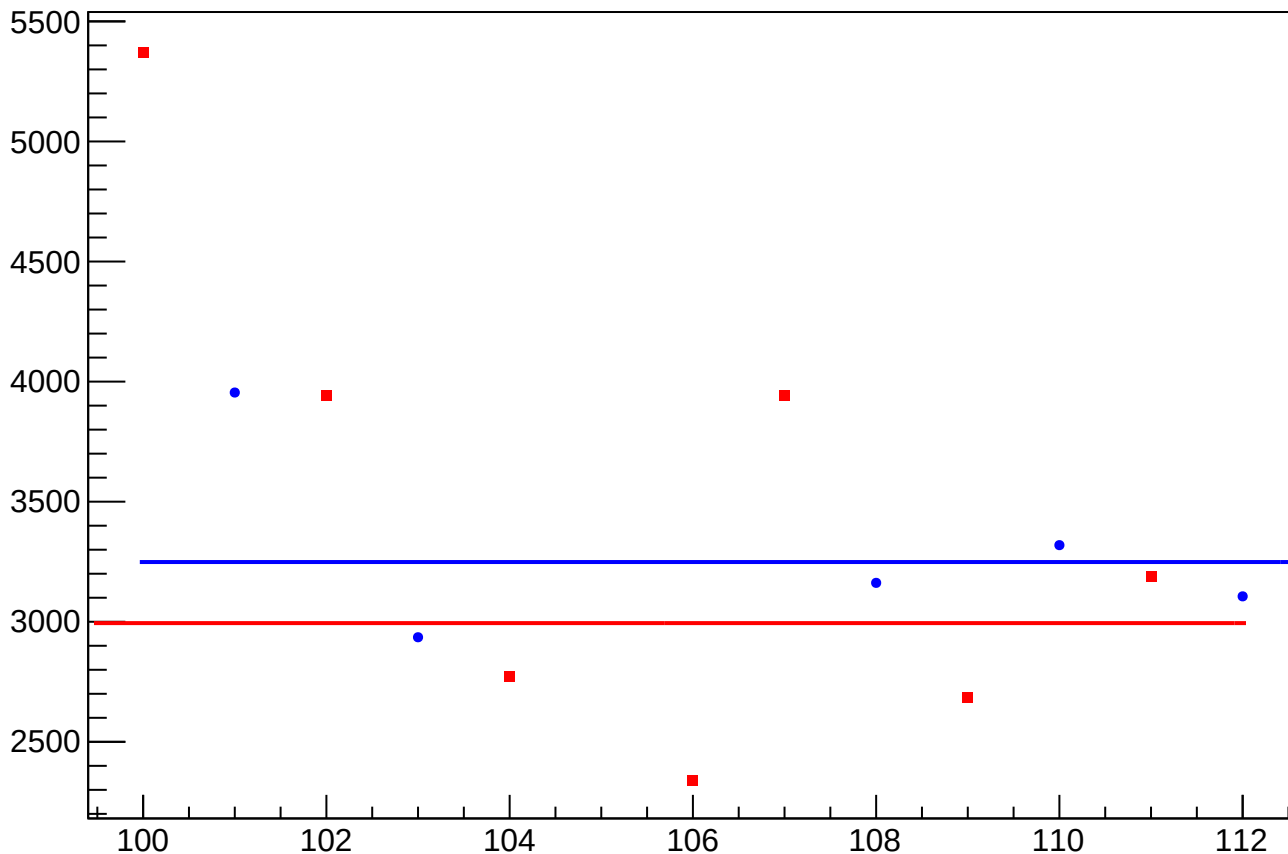
Right: -1795.586+/-1394.929 χ^2/NDF : 16.8/11

In: -2164.338+/-2062.863 χ^2/NDF : 12.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1795.586+/-1394.929 χ^2/NDF : 16.8/11

asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3248.672+/-1.459 χ^2/NDF : 58104.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2994.362+/-1.339 χ^2/NDF : 181536.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

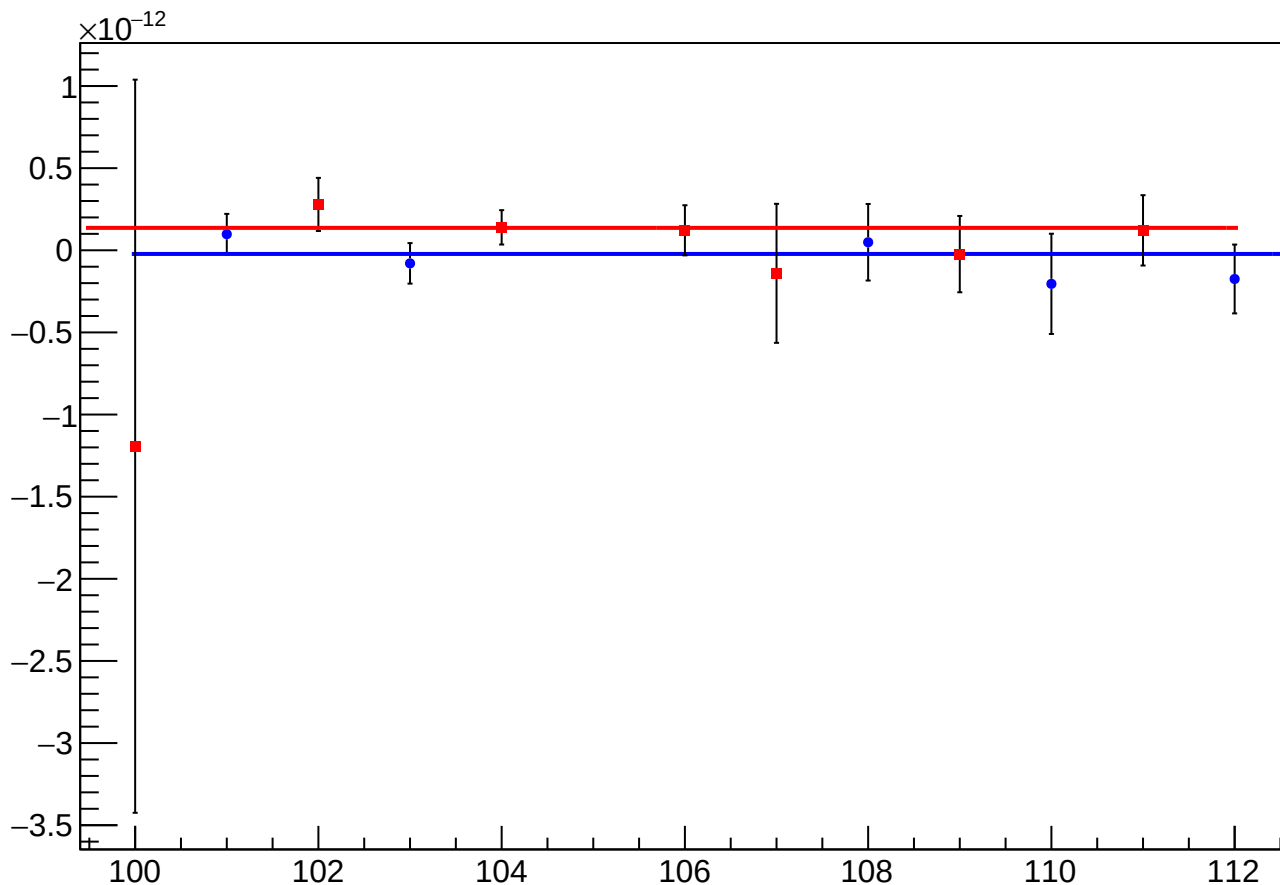
Right: 3110.644+/-0.986 χ^2/NDF : 256138.8/11

In: 3248.672+/-1.459 χ^2/NDF : 58104.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3110.644+/-0.986 χ^2/NDF : 256138.8/11

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

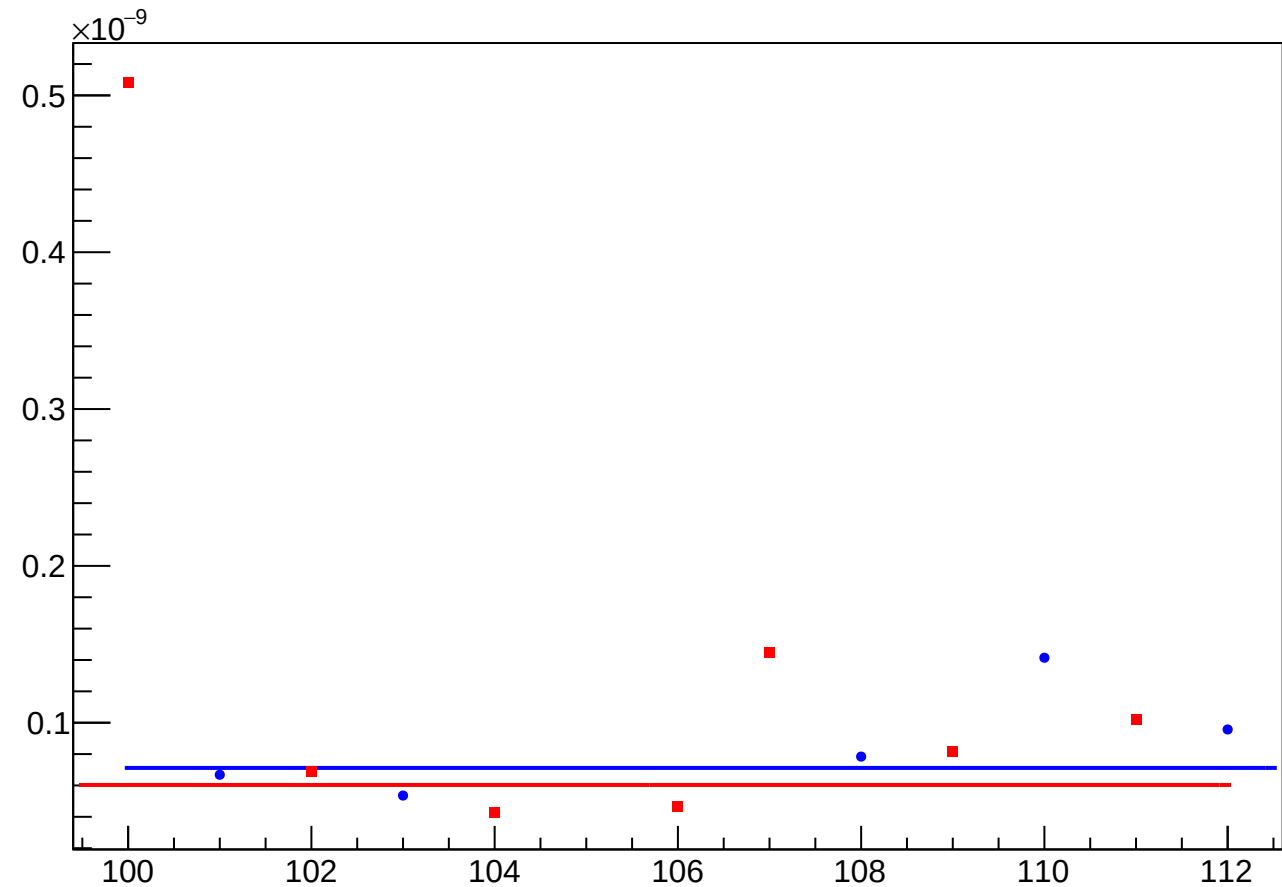
Right: 0.000+/-0.000 χ^2/NDF : 6.7/11

In: -0.000+/-0.000 χ^2/NDF : 2.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.7/11

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 178617.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 332713.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

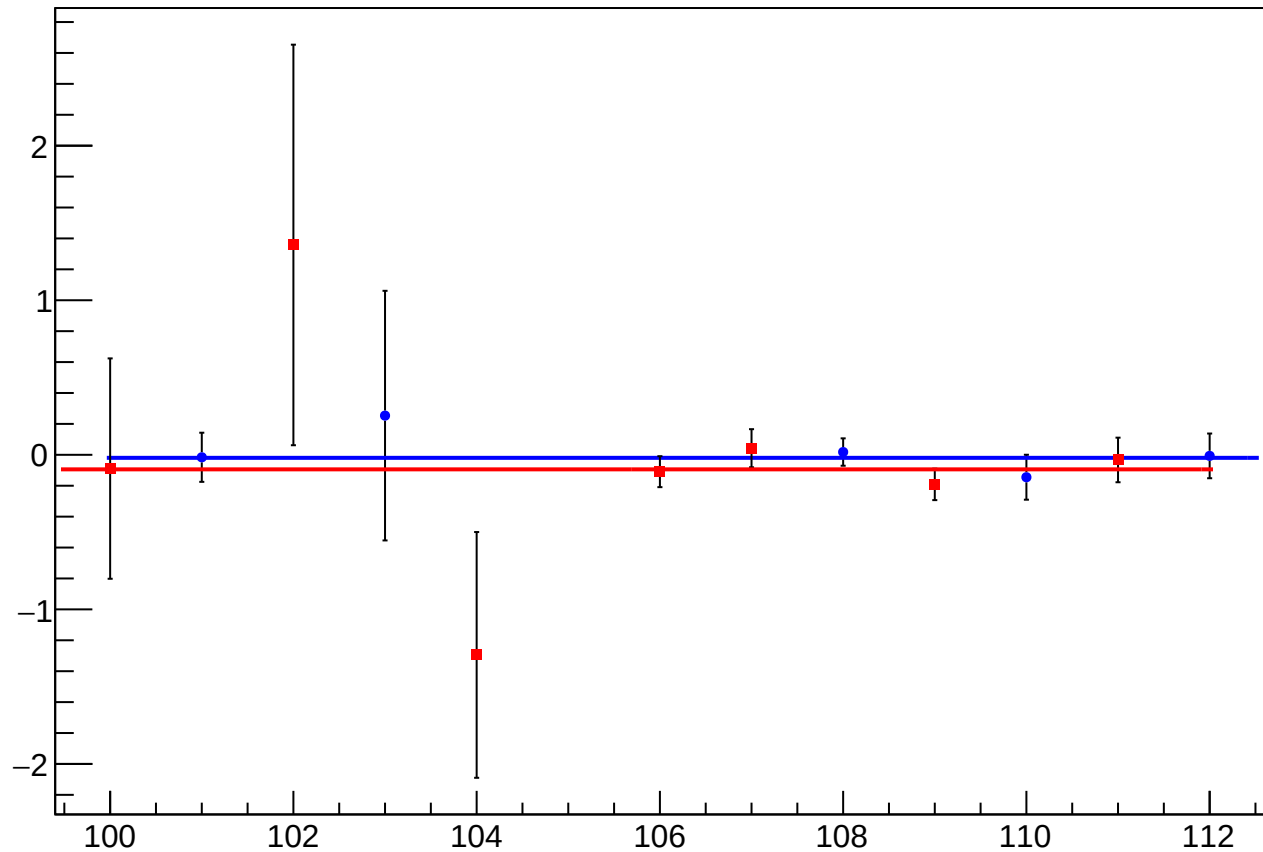
Right: 0.000+/-0.000 χ^2/NDF : 534900.6/11

In: 0.000+/-0.000 χ^2/NDF : 178617.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 534900.6/11

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.062 $\chi^2/\text{NDF}: 1.0/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.094 ± 0.056 $\chi^2/\text{NDF}: 5.9/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

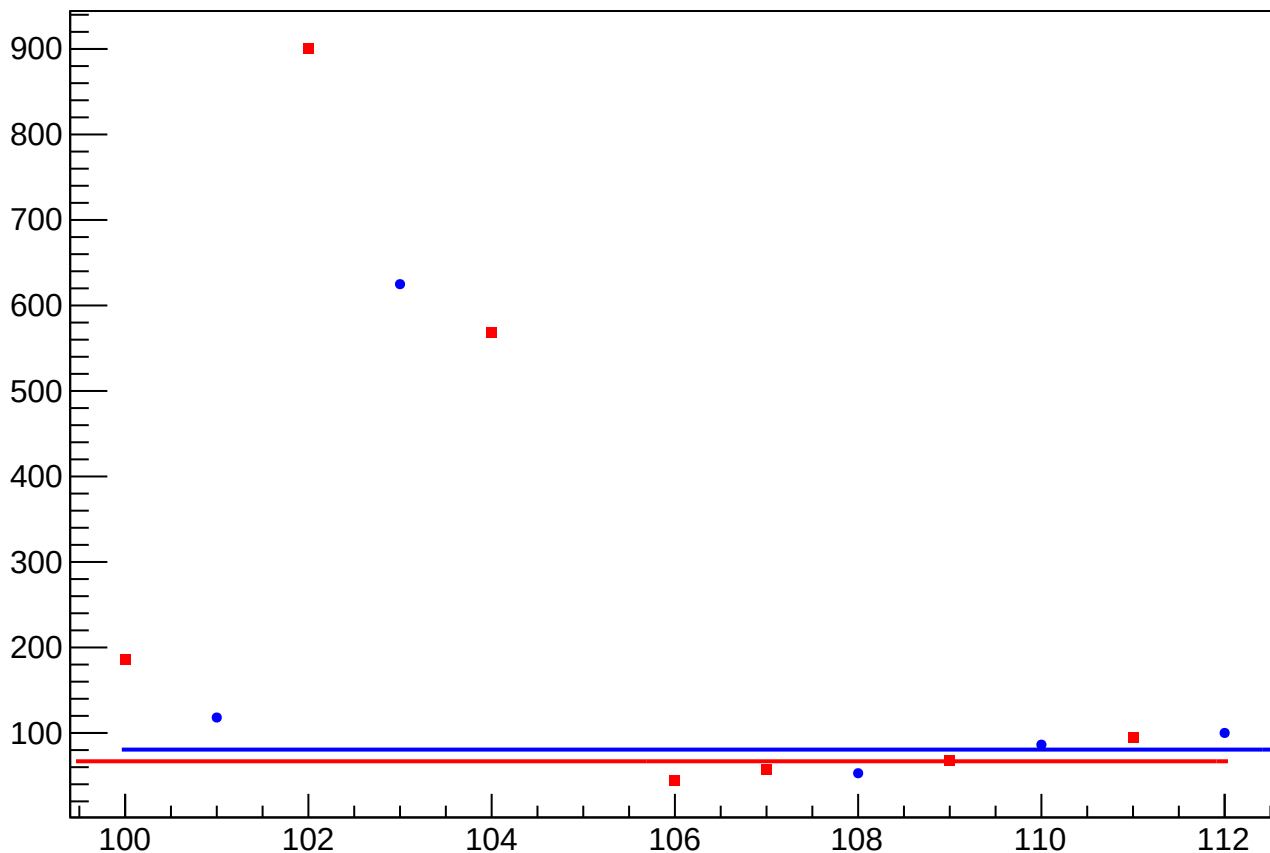
Right: -0.060 ± 0.042 $\chi^2/\text{NDF}: 7.7/11$

In: -0.020 ± 0.062 $\chi^2/\text{NDF}: 1.0/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.060 ± 0.042 $\chi^2/\text{NDF}: 7.7/11$

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 80.561+/-0.044 χ^2/NDF : 1254366.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.883+/-0.040 χ^2/NDF : 1871494.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

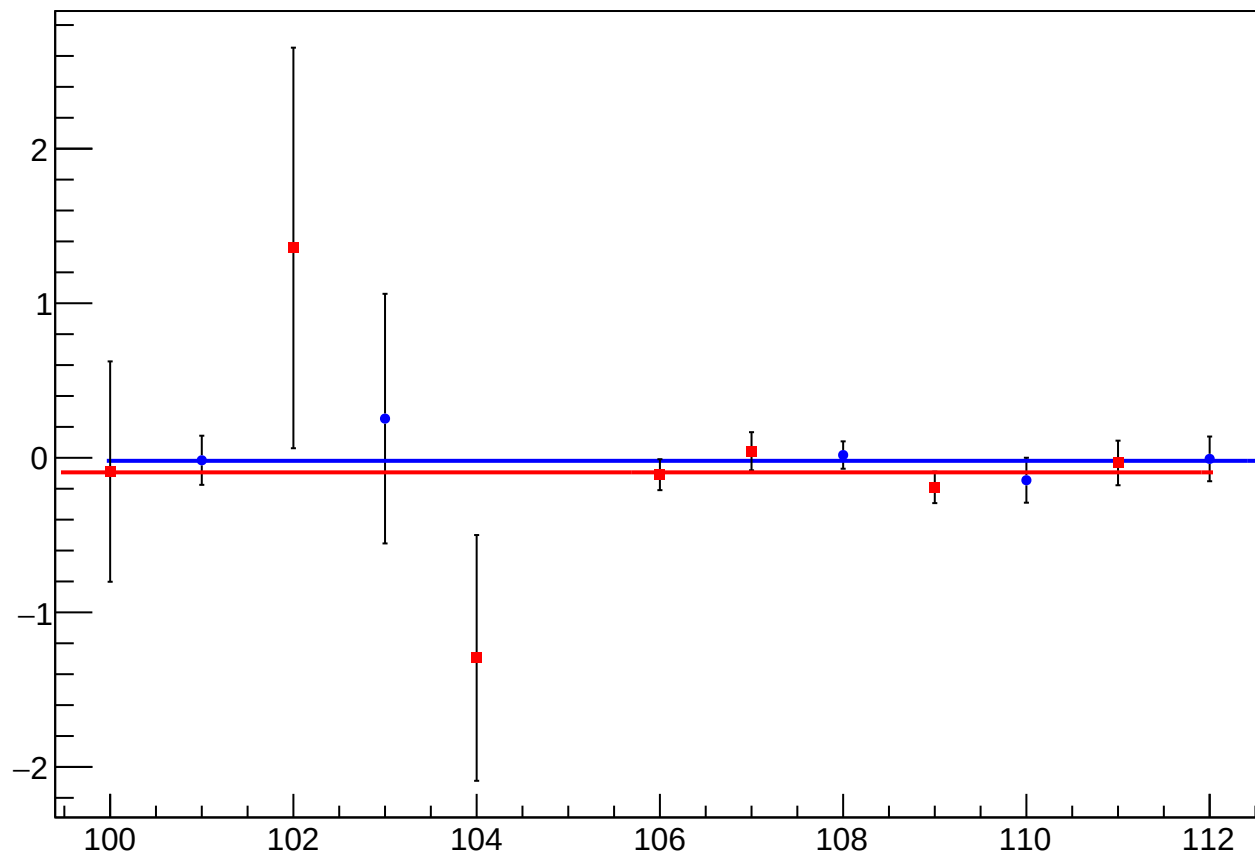
Right: 73.125+/-0.029 χ^2/NDF : 3179505.2/11

In: 80.561+/-0.044 χ^2/NDF : 1254366.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.125+/-0.029 χ^2/NDF : 3179505.2/11

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.062 $\chi^2/\text{NDF}: 1.0/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.094 ± 0.056 $\chi^2/\text{NDF}: 5.9/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

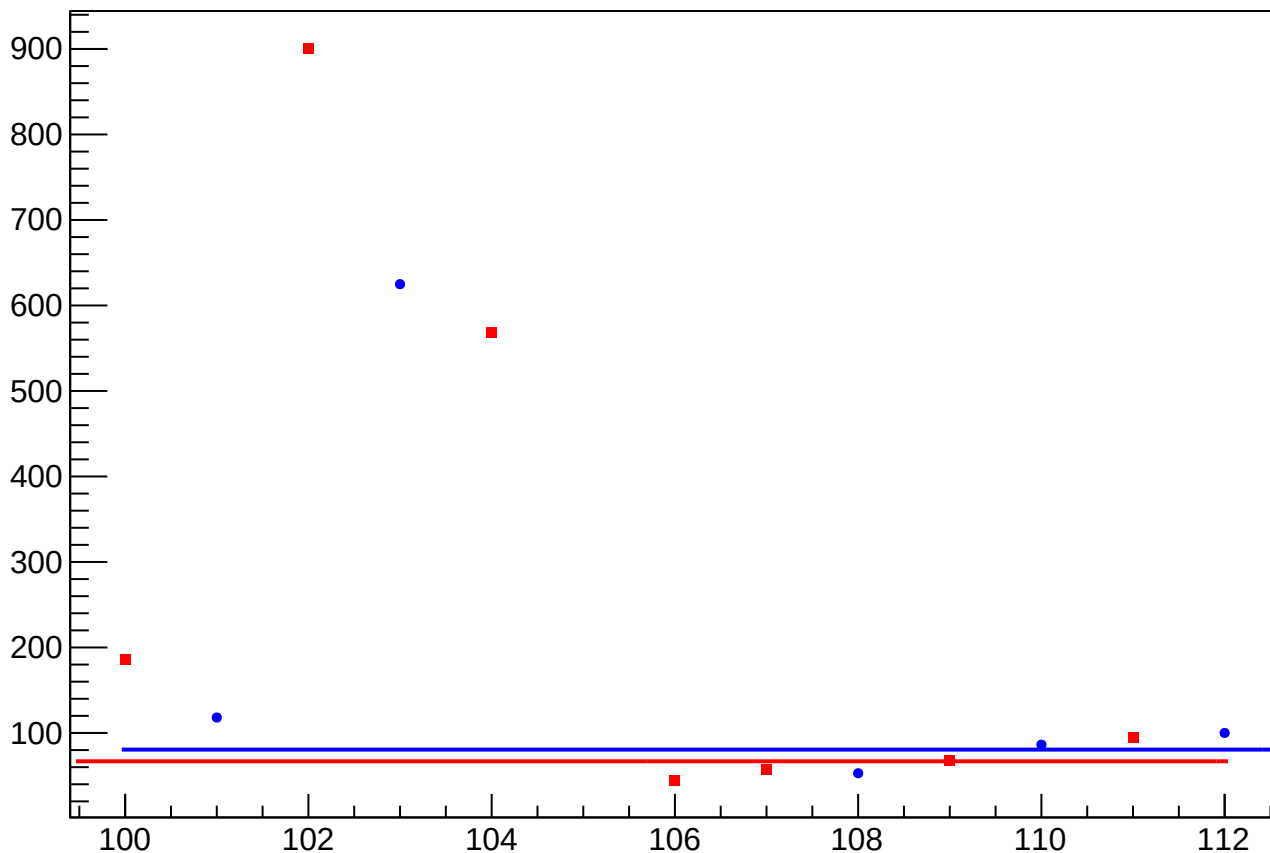
Right: -0.060 ± 0.042 $\chi^2/\text{NDF}: 7.7/11$

In: -0.020 ± 0.062 $\chi^2/\text{NDF}: 1.0/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.060 ± 0.042 $\chi^2/\text{NDF}: 7.7/11$

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 80.561+/-0.044 χ^2/NDF : 1254366.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.883+/-0.040 χ^2/NDF : 1871494.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

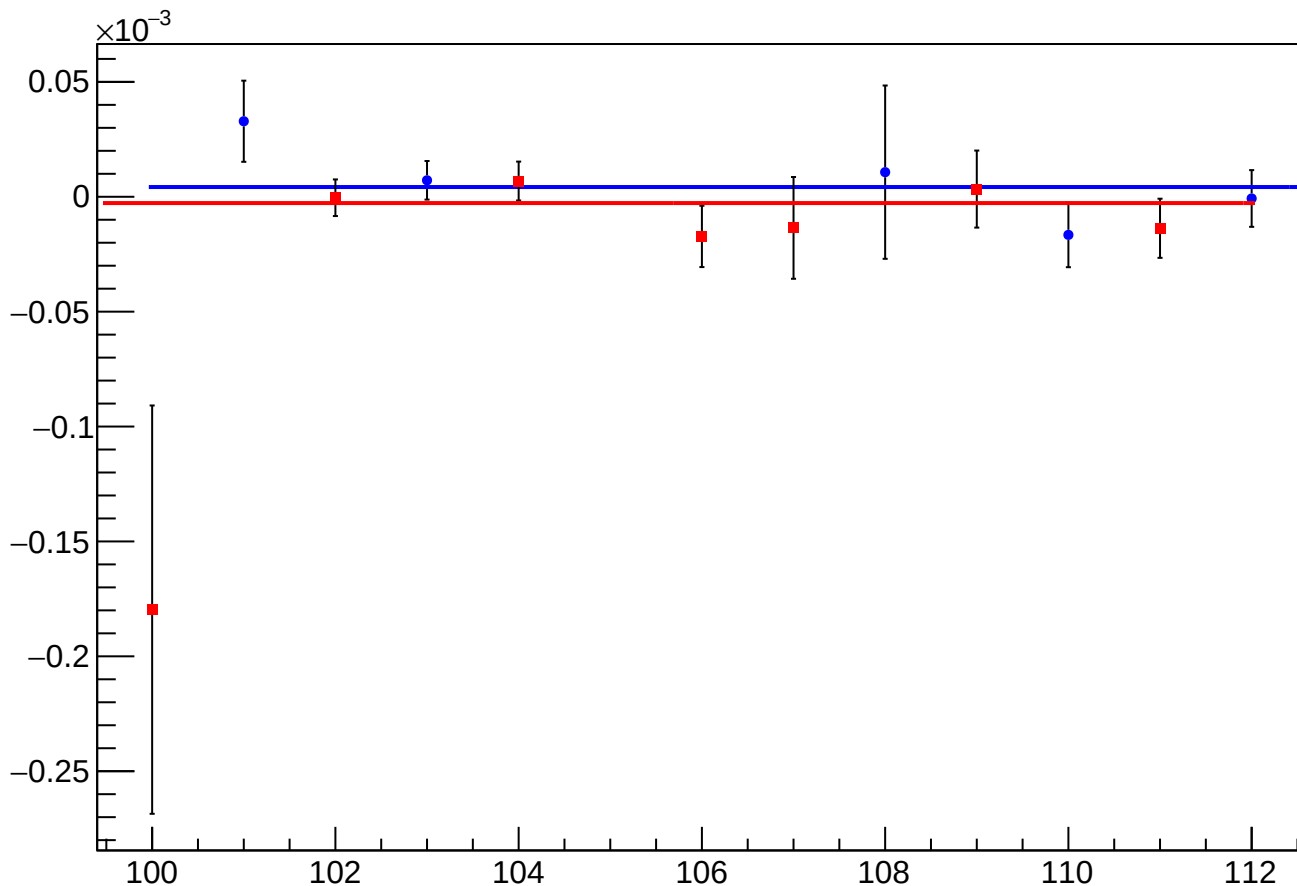
Right: 73.125+/-0.029 χ^2/NDF : 3179505.2/11

In: 80.561+/-0.044 χ^2/NDF : 1254366.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.125+/-0.029 χ^2/NDF : 3179505.2/11

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 : 5.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

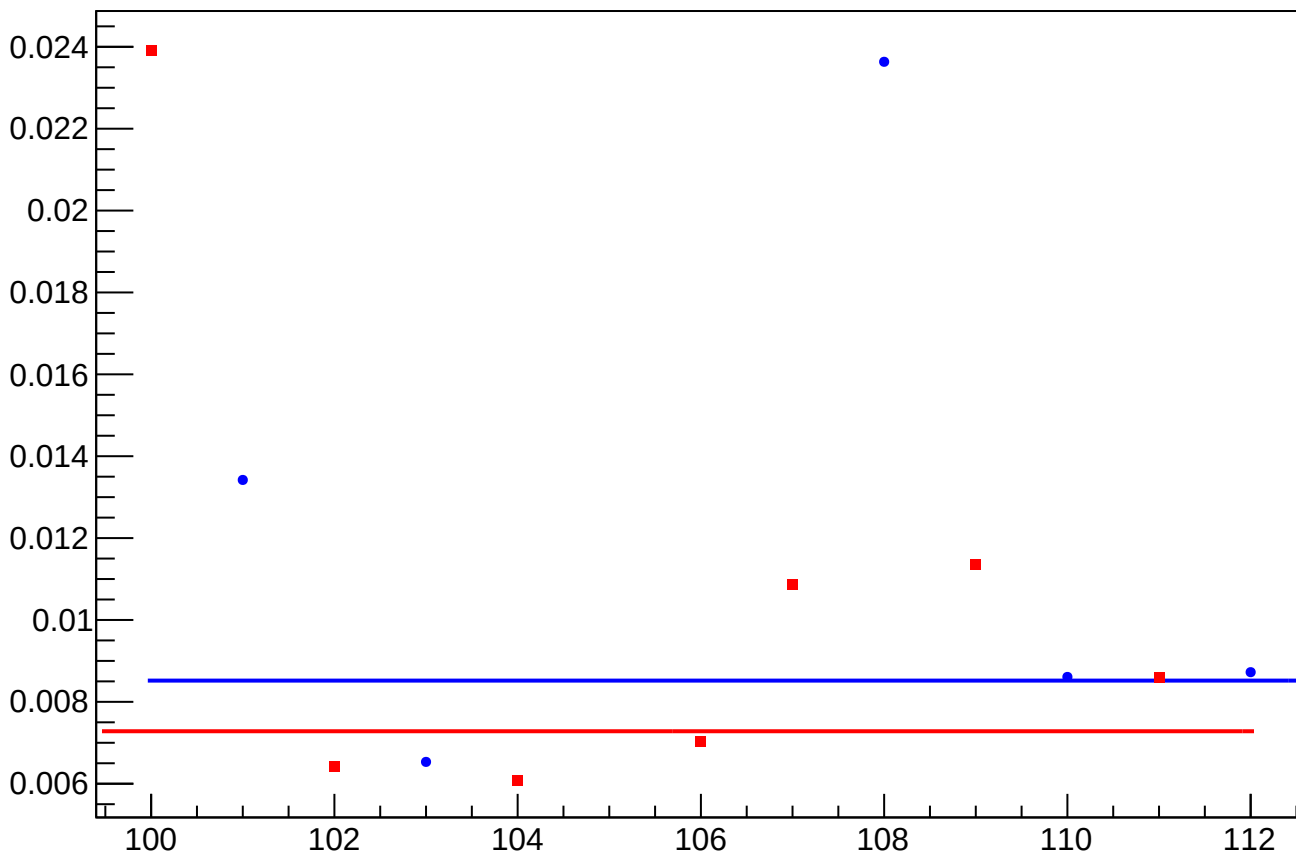
Right: -0.000+/-0.000 χ^2/NDF : 13.6/11

In: 0.000+/-0.000 χ^2/NDF : 5.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.6/11

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 587849.4/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 325972.8/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

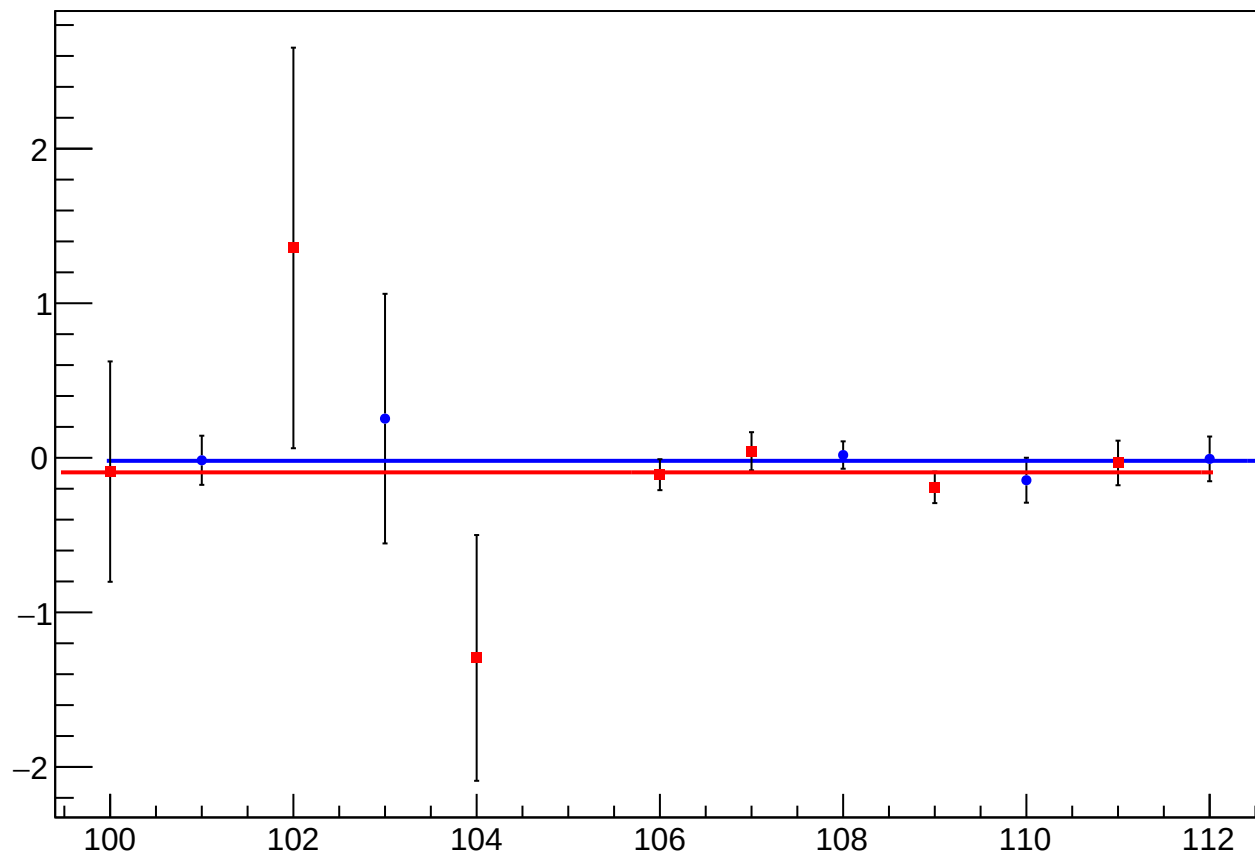
Right: 0.008+/-0.000 χ^2/NDF : 969586.8/11

In: 0.009+/-0.000 χ^2/NDF :587849.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.000 χ^2/NDF : 969586.8/11

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_slug, Sign Corrected



Right In: -0.020 ± 0.062 $\chi^2/\text{NDF}: 1.0/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.094 ± 0.056 $\chi^2/\text{NDF}: 5.9/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

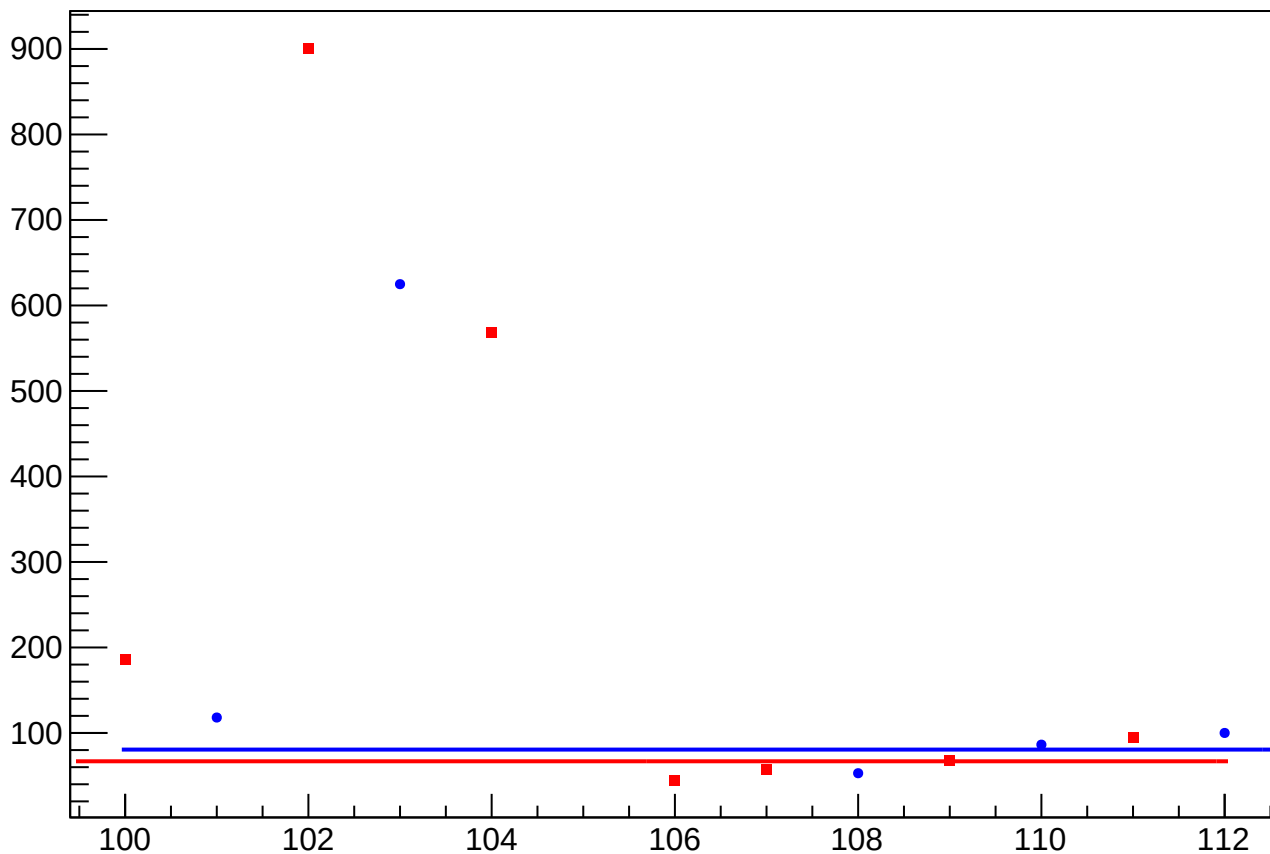
Right: -0.060 ± 0.042 $\chi^2/\text{NDF}: 7.7/11$

In: -0.020 ± 0.062 $\chi^2/\text{NDF}: 1.0/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.060 ± 0.042 $\chi^2/\text{NDF}: 7.7/11$

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 80.569+/-0.044 χ^2/NDF : 1254215.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.883+/-0.040 χ^2/NDF : 1871503.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

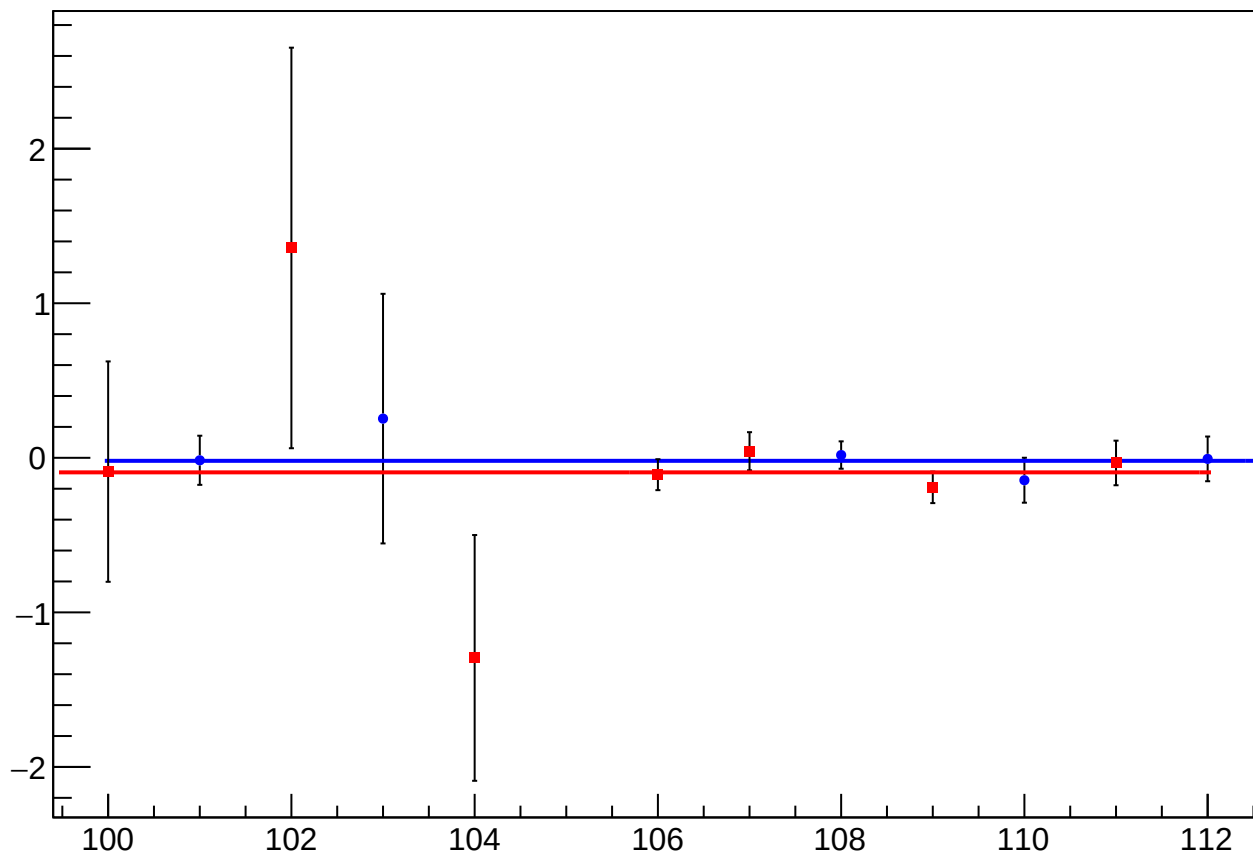
Right: 73.128+/-0.029 χ^2/NDF : 3179423.9/11

In: 80.569+/-0.044 χ^2/NDF : 1254215.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.128+/-0.029 χ^2/NDF : 3179423.9/11

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.062 $\chi^2/\text{NDF}: 1.0/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.094 ± 0.056 $\chi^2/\text{NDF}: 5.9/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

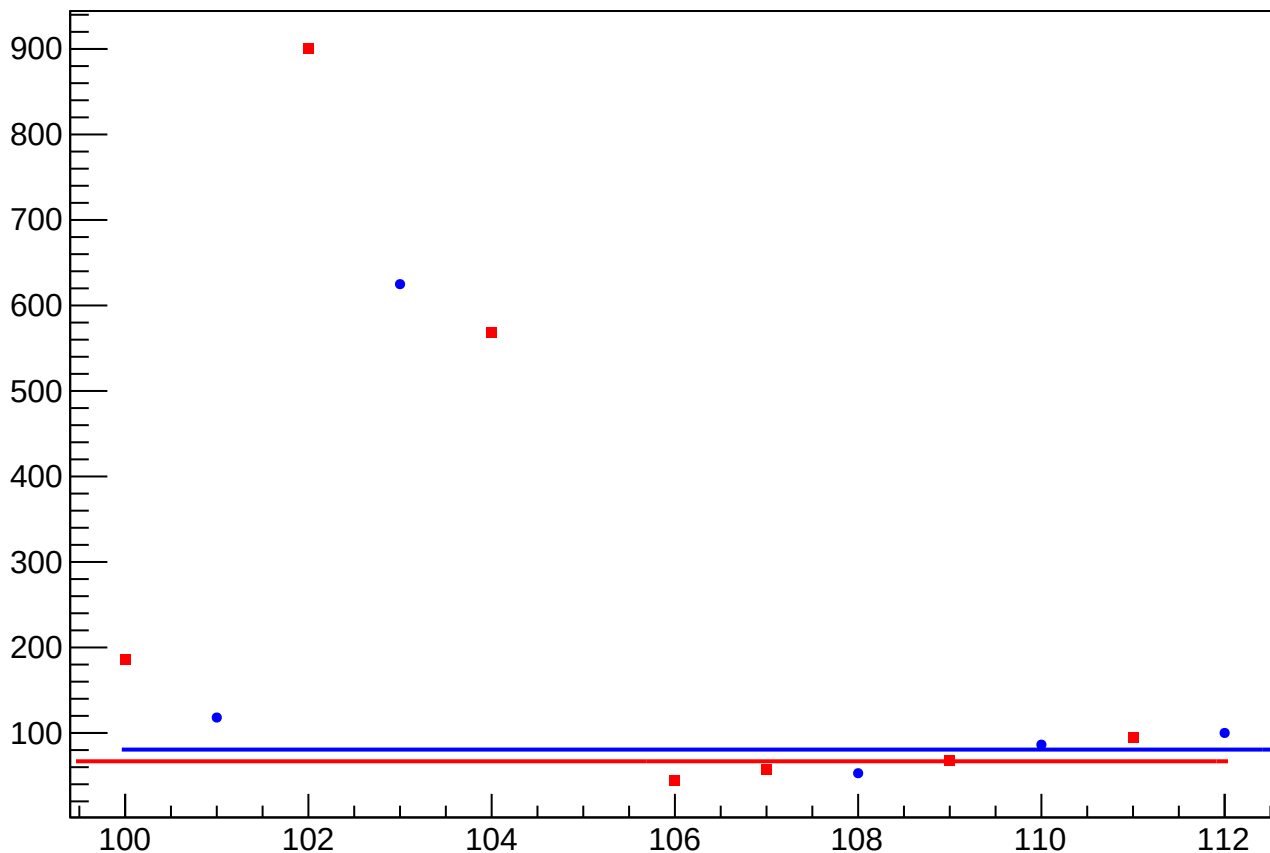
Right: -0.060 ± 0.042 $\chi^2/\text{NDF}: 7.7/11$

In: -0.020 ± 0.062 $\chi^2/\text{NDF}: 1.0/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.060 ± 0.042 $\chi^2/\text{NDF}: 7.7/11$

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 80.569+/-0.044 χ^2/NDF : 1254215.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.883+/-0.040 χ^2/NDF : 1871503.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

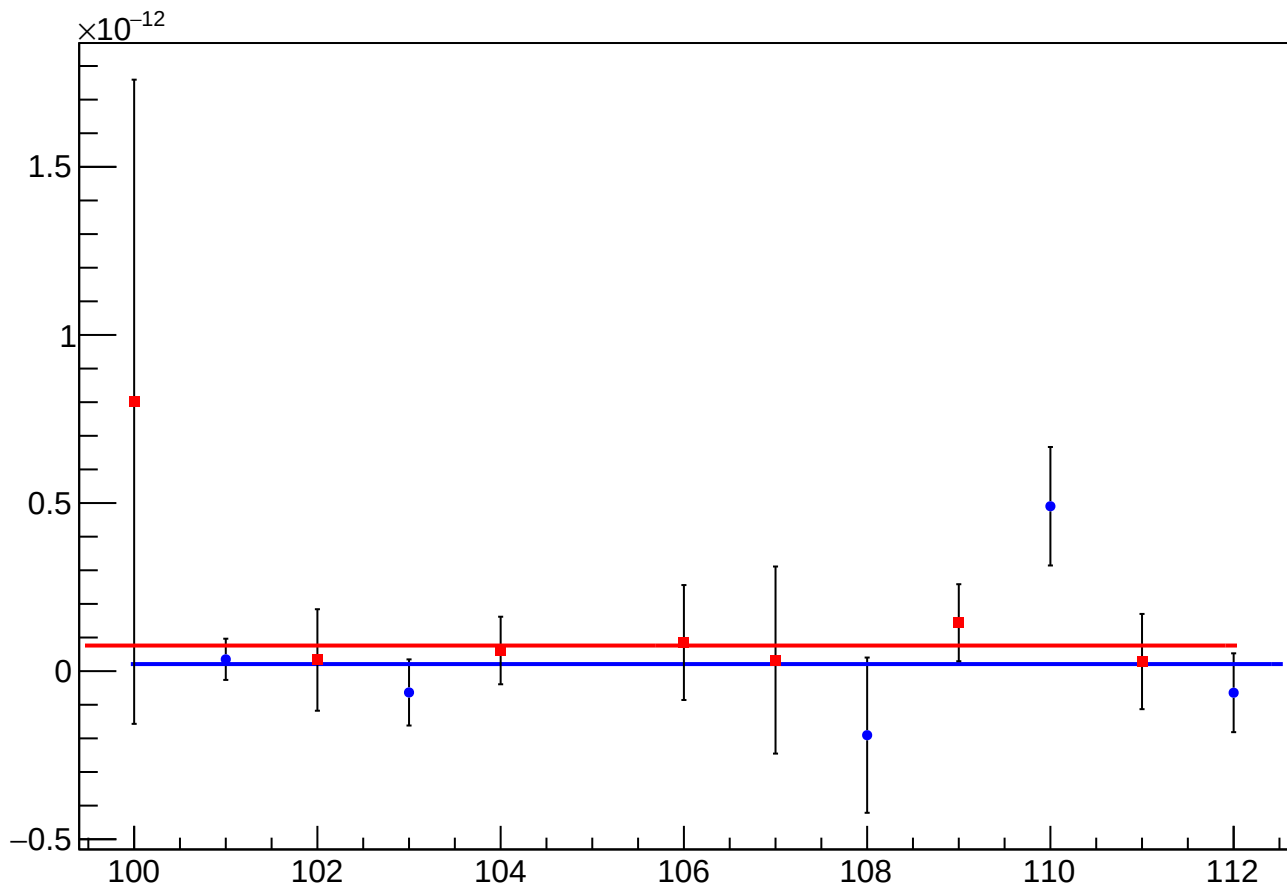
Right: 73.128+/-0.029 χ^2/NDF : 3179423.9/11

In: 80.569+/-0.044 χ^2/NDF : 1254215.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.128+/-0.029 χ^2/NDF : 3179423.9/11

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 : 9.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

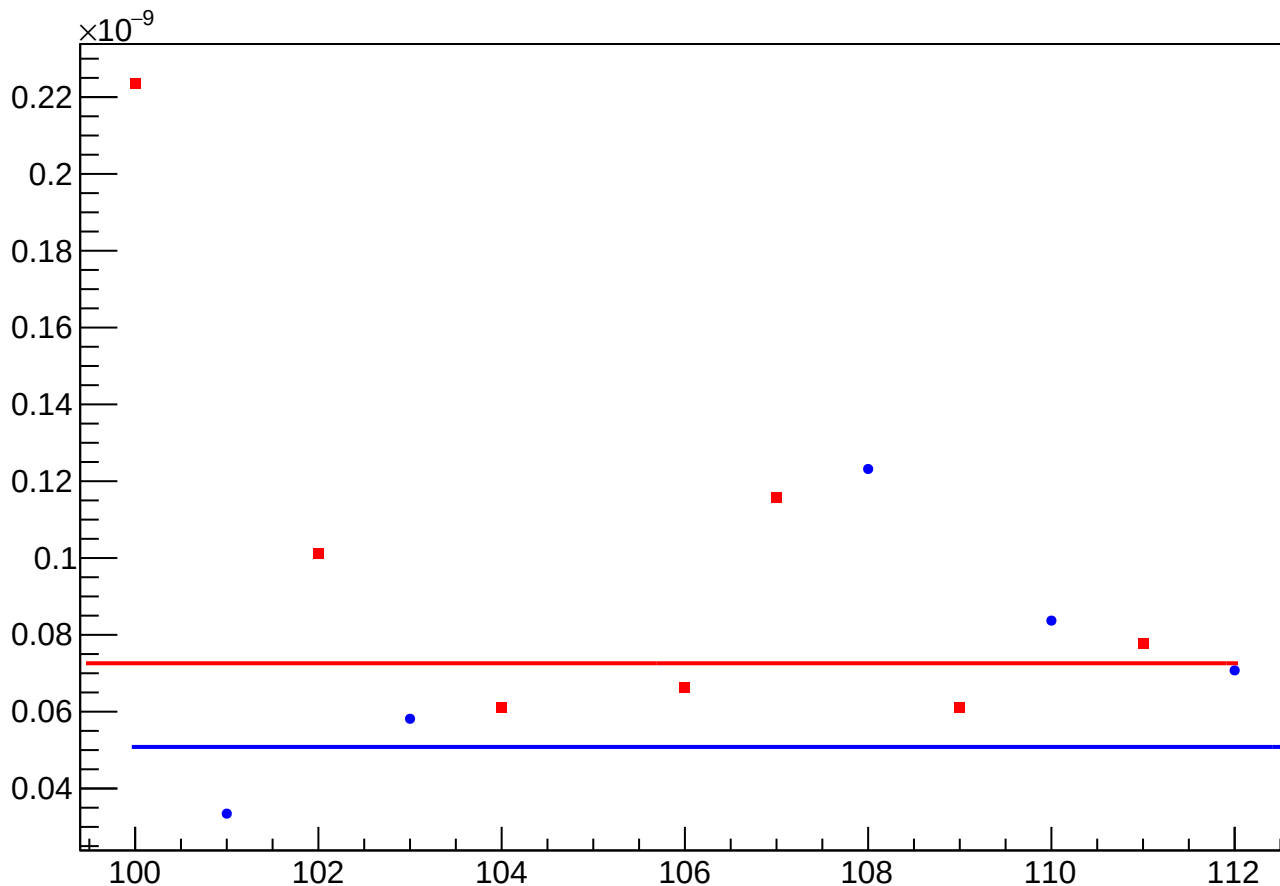
Right: 0.000+/-0.000 χ^2/NDF : 11.0/11

In: 0.000+/-0.000 χ^2/NDF : 9.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.0/11

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 : 495482.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 220710.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

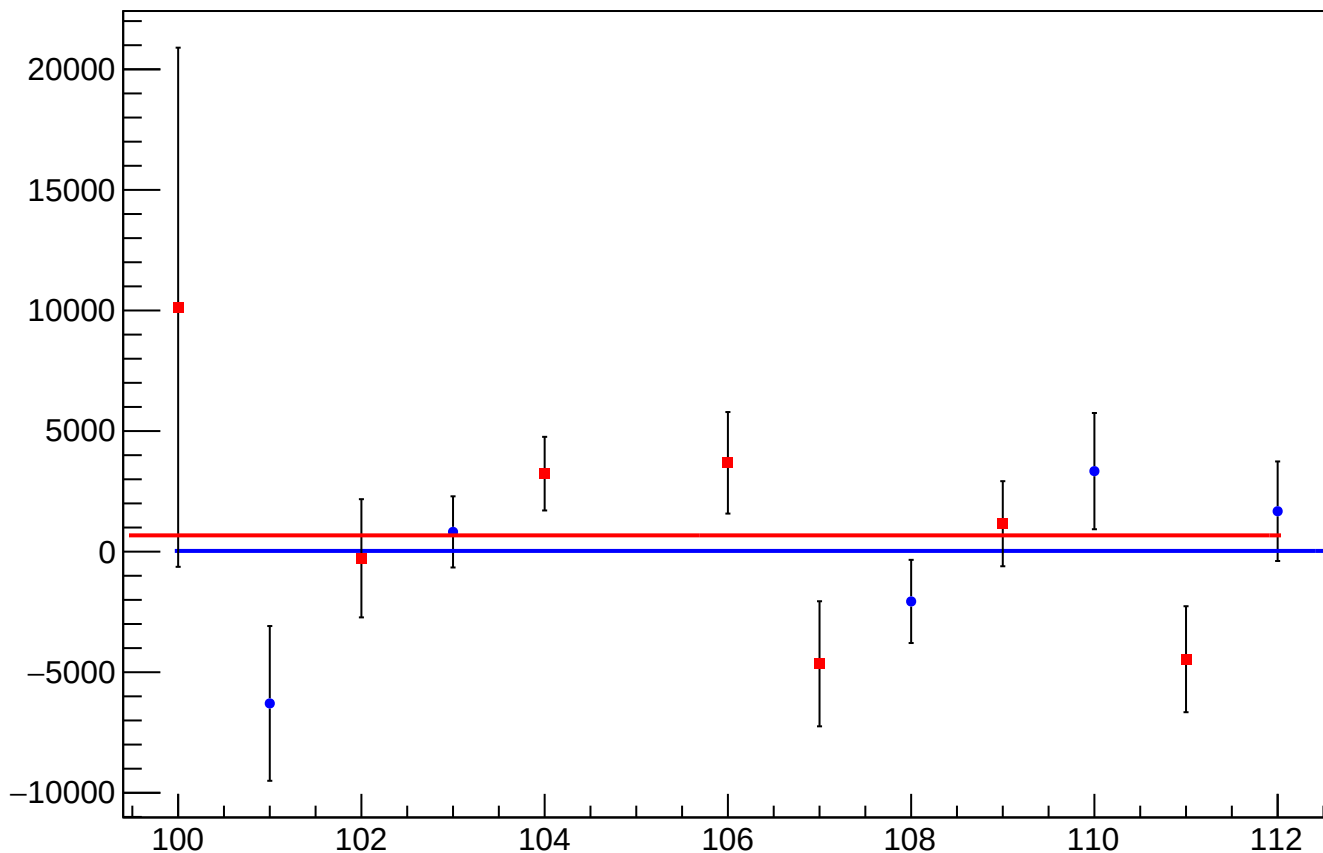
Right: 0.000+/-0.000 χ^2/NDF : 899382.5/11

In: 0.000+/-0.000 χ^2/NDF : 495482.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 899382.5/11

reg_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 29.851+/-877.129 χ^2/NDF : 8.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 675.088+/-814.619 χ^2/NDF : 15.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

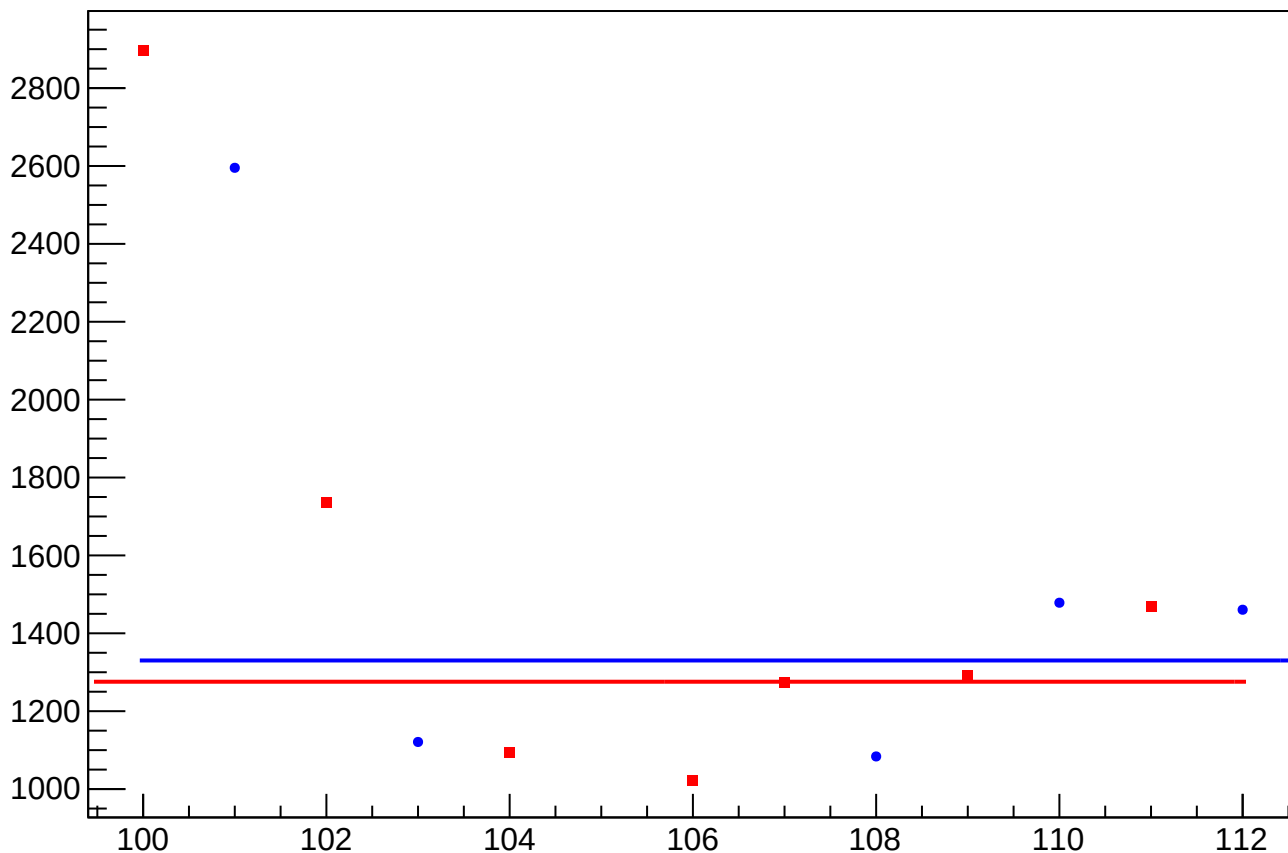
Right: 376.278+/-596.899 χ^2/NDF : 24.0/11

In: 29.851+/-877.129 χ^2/NDF : 8.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 376.278+/-596.899 χ^2/NDF : 24.0/11

reg_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1330.217+/-0.620 χ^2/NDF : 407556.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1275.654+/-0.576 χ^2/NDF : 188707.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

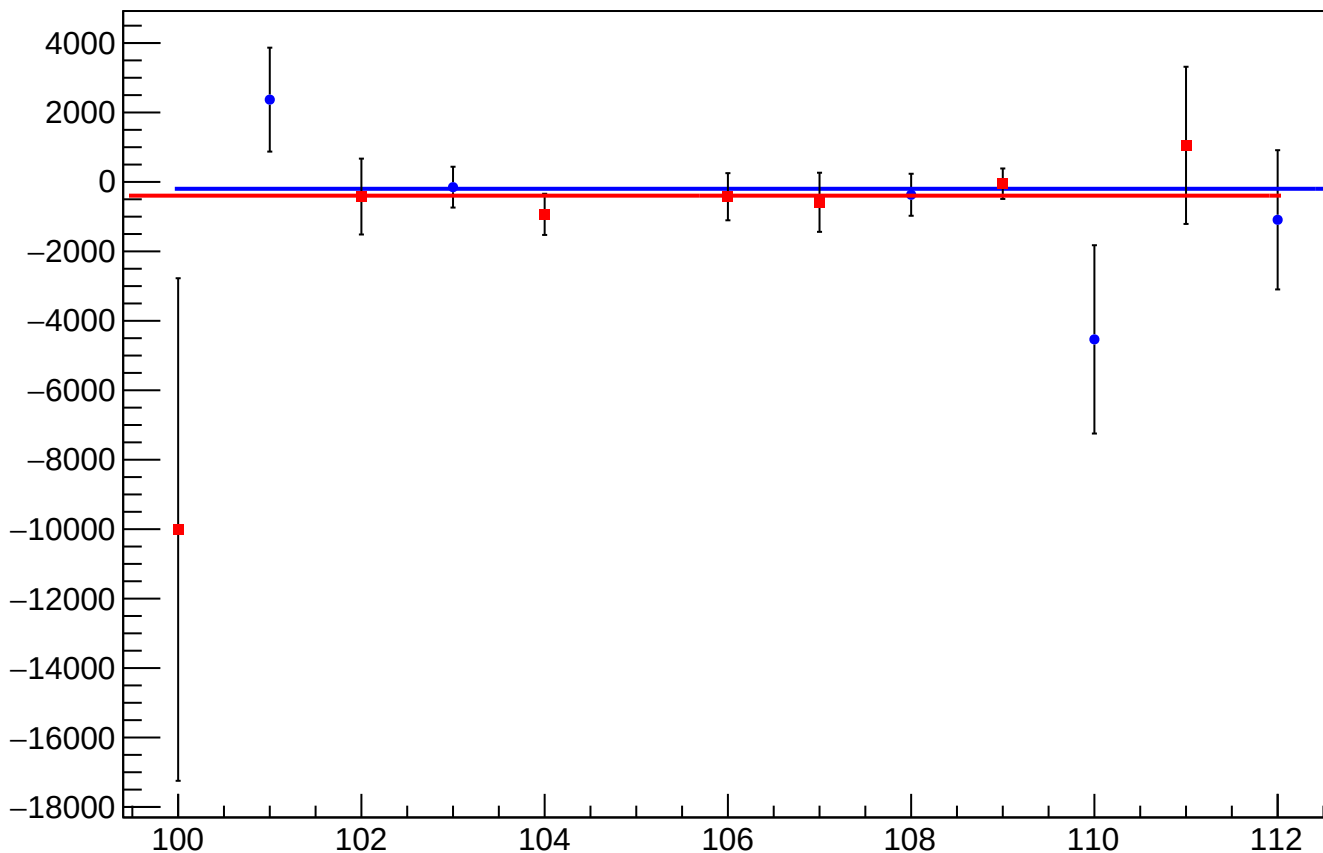
Right: 1300.922+/-0.422 χ^2/NDF : 600419.3/11

In: 1330.217+/-0.620 χ^2/NDF : 407556.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1300.922+/-0.422 χ^2/NDF : 600419.3/11

asym_us_dd_at2lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -197.585+/-393.508 χ^2 /NDF: 5.8/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -395.233+/-281.239 χ^2 /NDF: 3.7/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

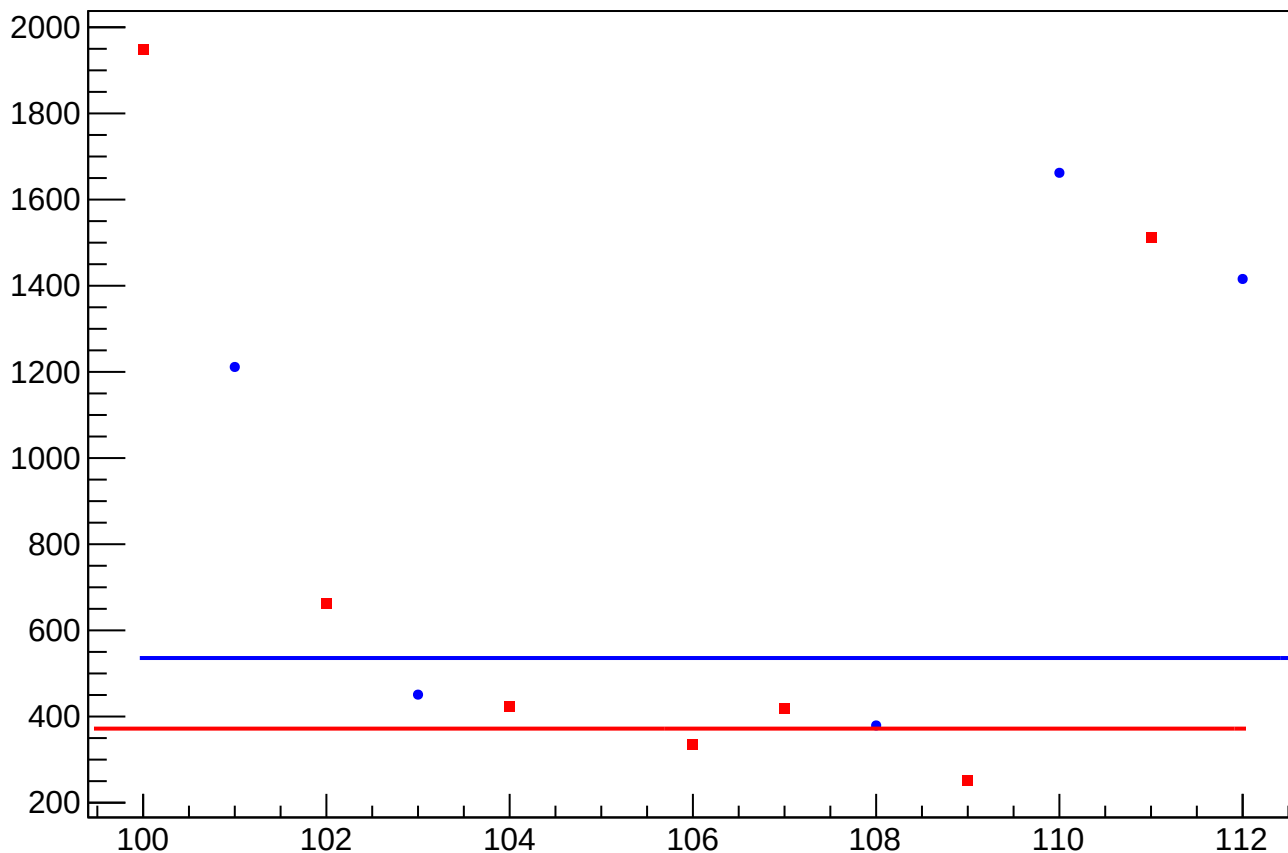
Right: -328.409+/-228.809 χ^2 /NDF: 9.6/11

In: -197.585+/-393.508 χ^2 /NDF:5.8/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -328.409+/-228.809 χ^2 /NDF: 9.6/11

asym_us_dd_at2lr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 535.831+/-0.278 χ^2/NDF : 1313634.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 371.959+/-0.199 χ^2/NDF : 922876.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

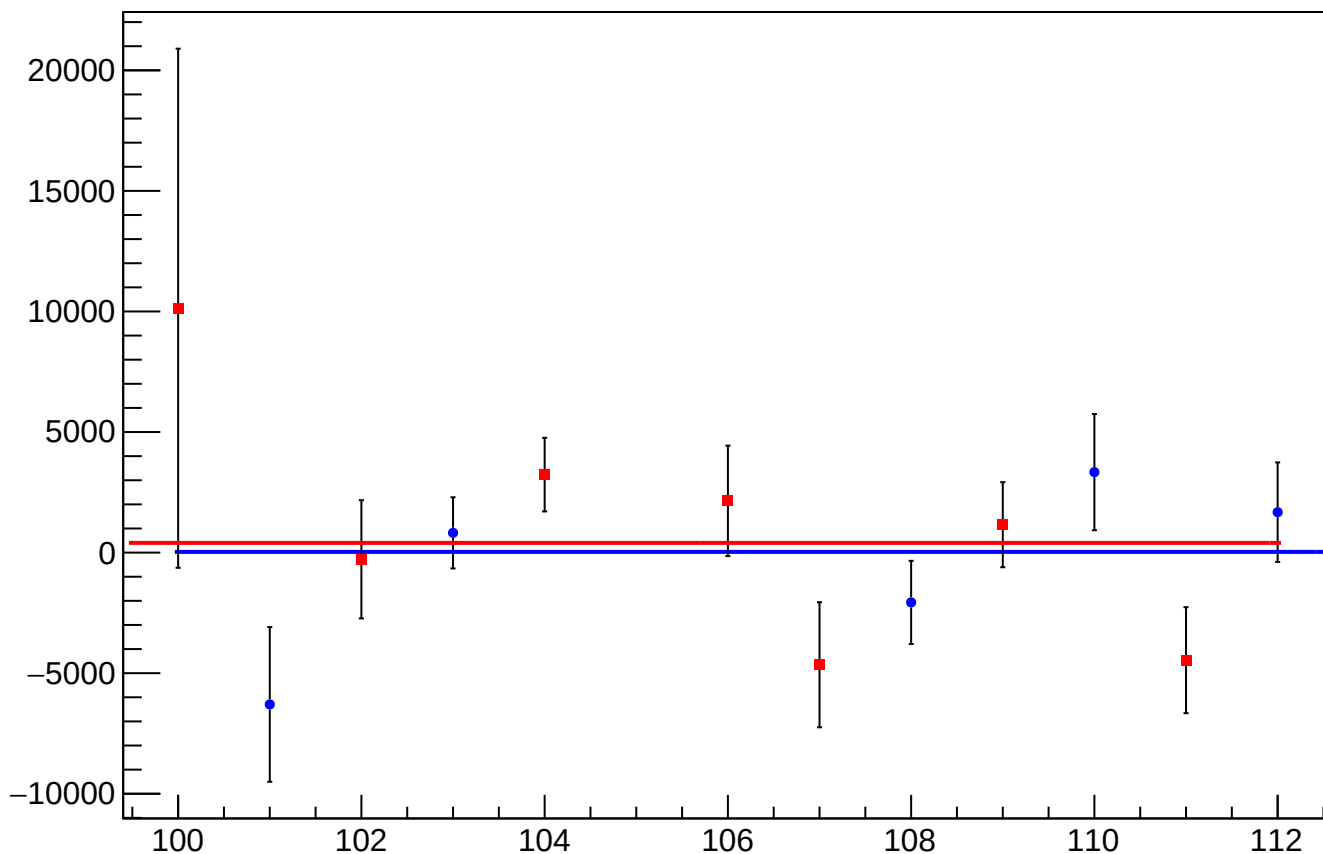
Right: 427.364+/-0.162 χ^2/NDF : 2466087.7/11

In: 535.831+/-0.278 χ^2/NDF : 1313634.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 427.364+/-0.162 χ^2/NDF : 2466087.7/11

cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 29.619+/-877.129 χ^2/NDF : 8.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 404.150+/-824.220 χ^2/NDF : 13.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

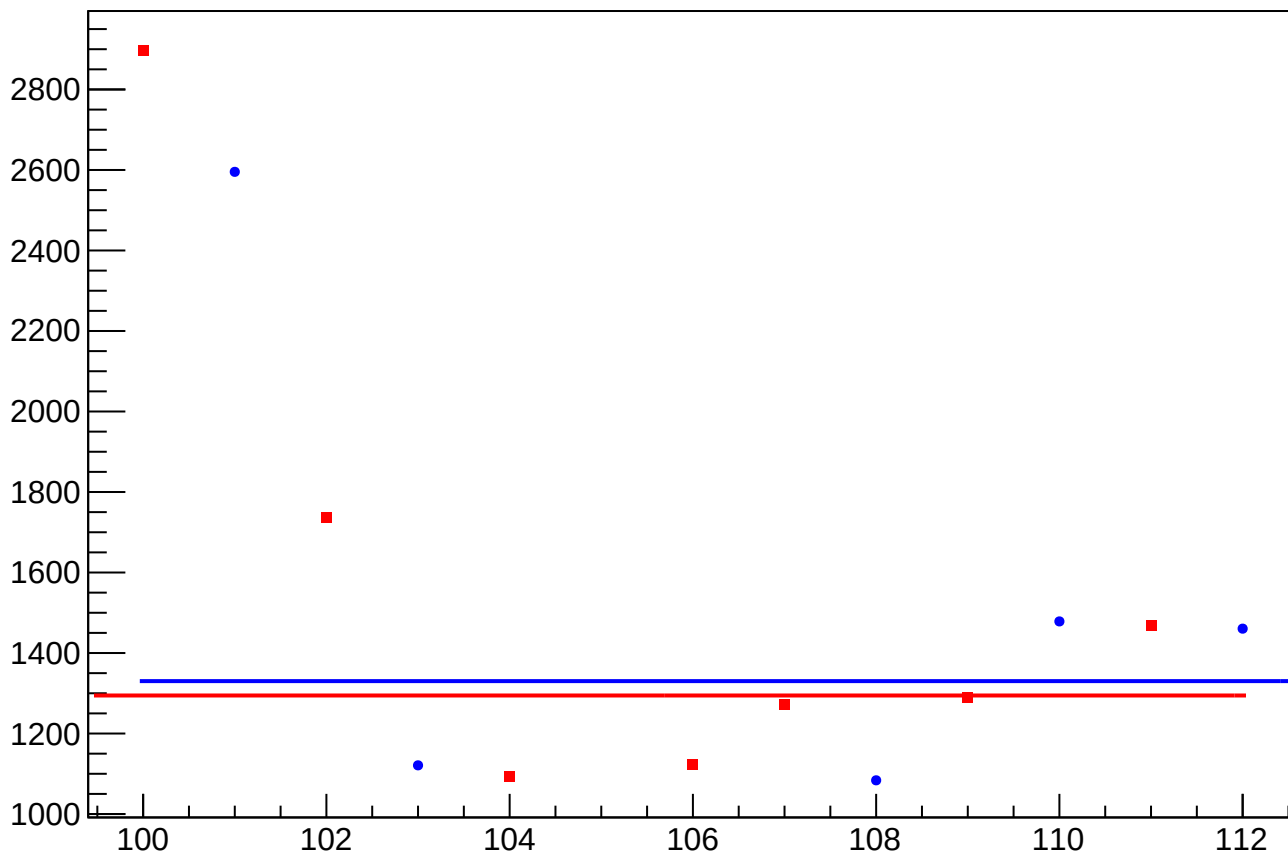
Right: 228.521+/-600.646 χ^2/NDF : 22.1/11

In: 29.619+/-877.129 χ^2/NDF : 8.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.521+/-600.646 χ^2/NDF : 22.1/11

cor_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1330.217+/-0.620 χ^2/NDF : 407556.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1294.496+/-0.583 χ^2/NDF : 167816.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

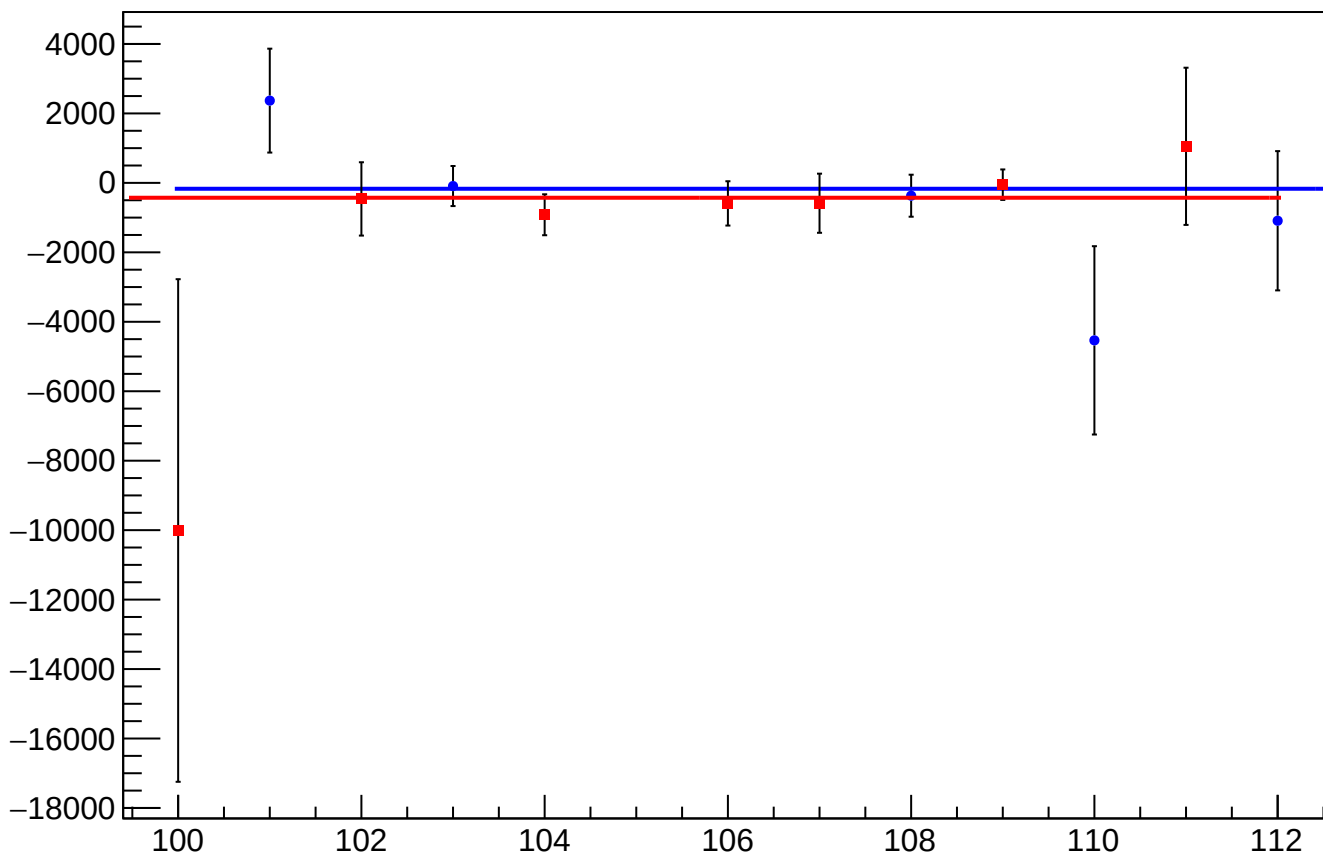
Right: 1311.247+/-0.425 χ^2/NDF : 577134.3/11

In: 1330.217+/-0.620 χ^2/NDF : 407556.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1311.247+/-0.425 χ^2/NDF : 577134.3/11

asym_us_dd_at2lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -169.424+/-390.103 χ^2 /NDF: 5.8/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -428.083+/-277.102 χ^2 /NDF: 3.7/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

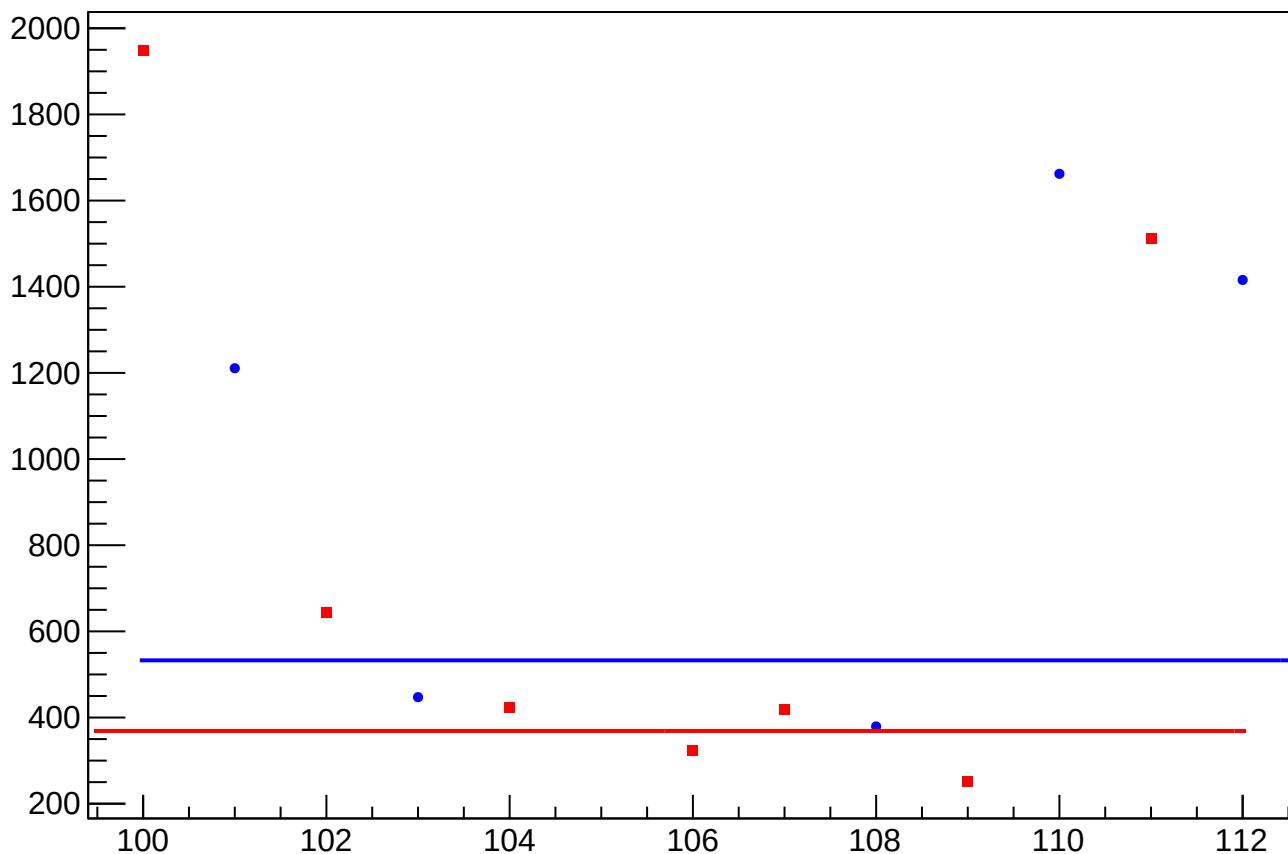
Right: -341.339+/-225.909 χ^2 /NDF: 9.8/11

In: -169.424+/-390.103 χ^2 /NDF:5.8/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -341.339+/-225.909 χ^2 /NDF: 9.8/11

asym_us_dd_at2lr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 532.729+/-0.276 χ^2/NDF : 1318516.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 368.747+/-0.196 χ^2/NDF : 917885.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

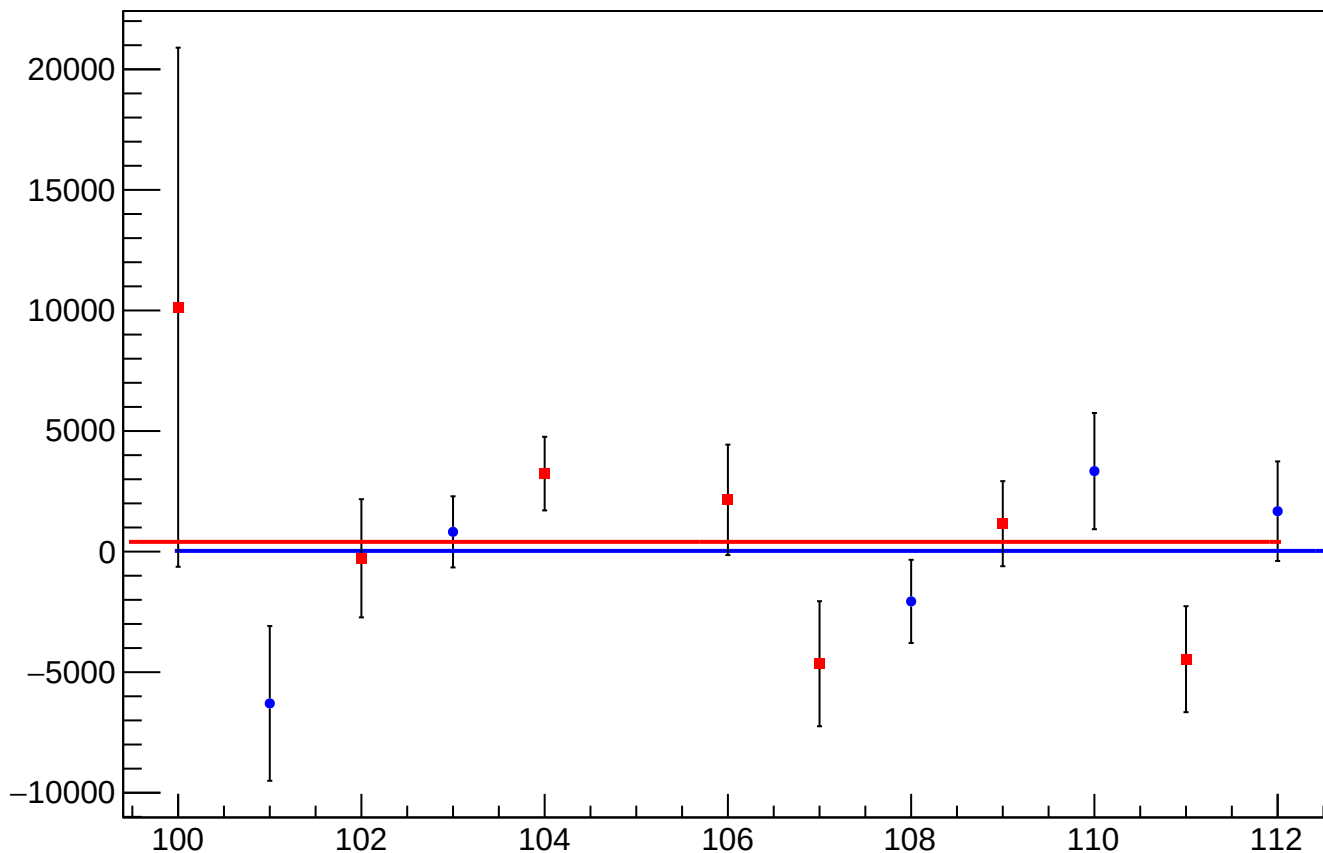
Right: 423.740+/-0.160 χ^2/NDF : 2471282.8/11

In: 532.729+/-0.276 χ^2/NDF : 1318516.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 423.740+/-0.160 χ^2/NDF : 2471282.8/11

eigen_cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 29.619+/-877.129 χ^2/NDF : 8.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 404.150+/-824.220 χ^2/NDF : 13.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

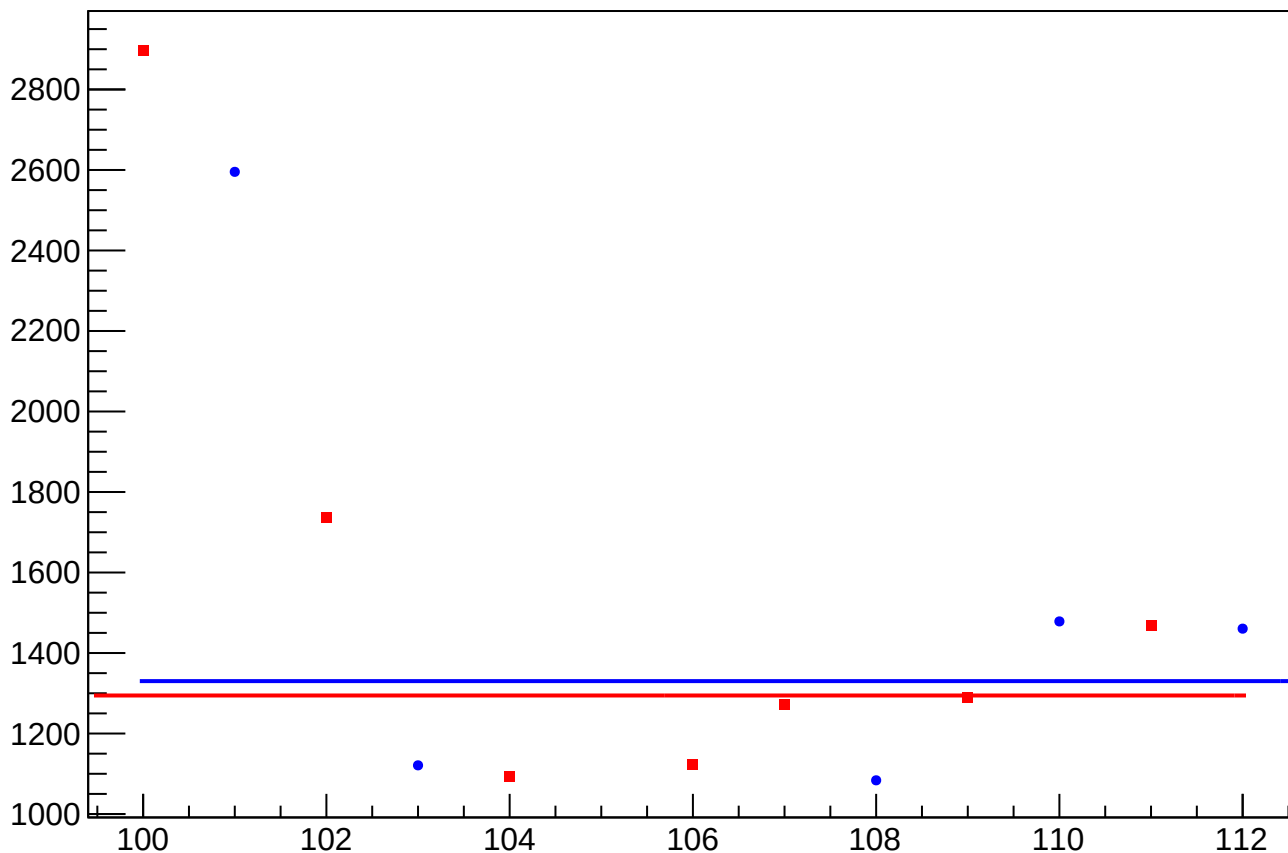
Right: 228.521+/-600.646 χ^2/NDF : 22.1/11

In: 29.619+/-877.129 χ^2/NDF : 8.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.521+/-600.646 χ^2/NDF : 22.1/11

eigen_cor_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1330.217+/-0.620 χ^2/NDF : 407556.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1294.496+/-0.583 χ^2/NDF : 167816.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

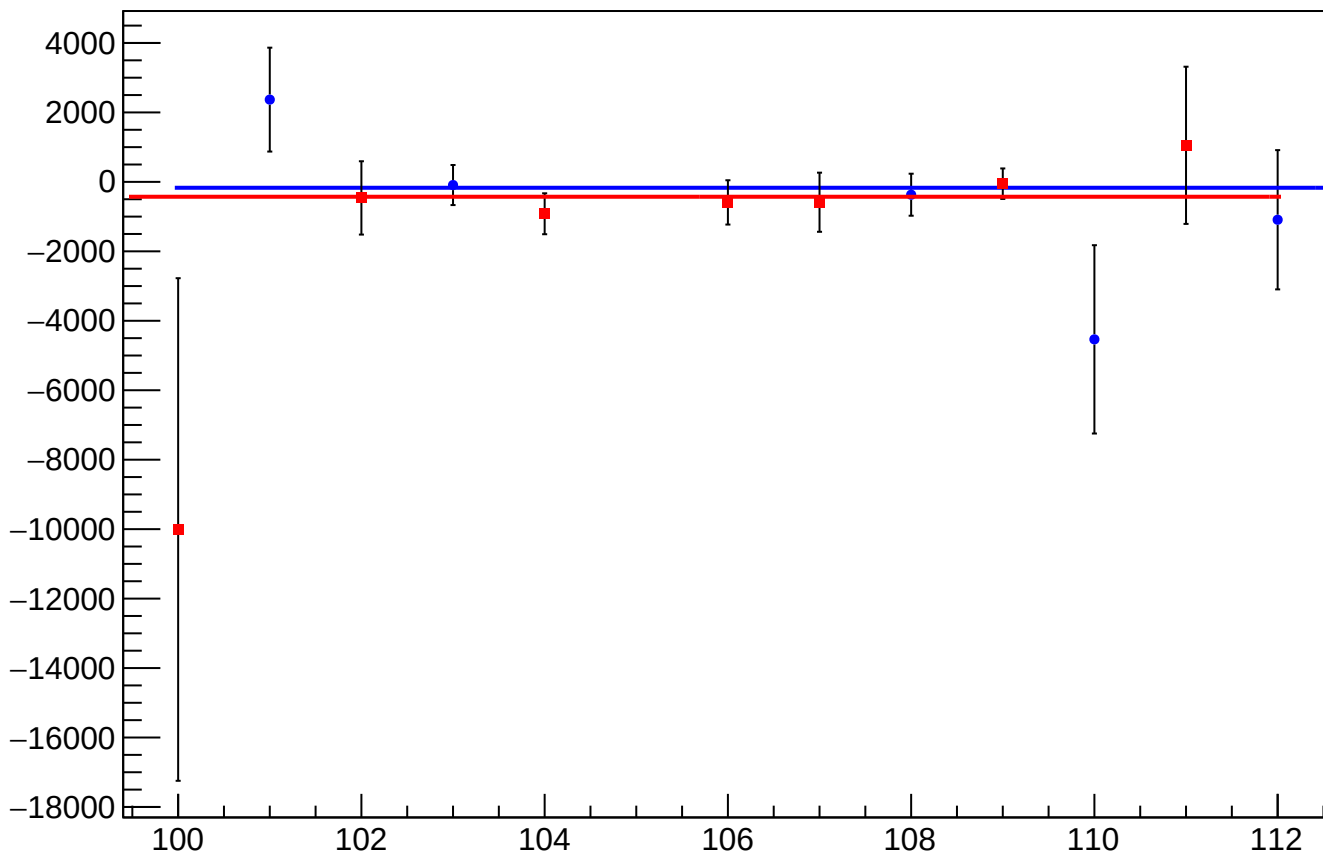
Right: 1311.247+/-0.425 χ^2/NDF : 577134.3/11

In: 1330.217+/-0.620 χ^2/NDF : 407556.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1311.247+/-0.425 χ^2/NDF : 577134.3/11

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -169.424+/-390.103 χ^2 /NDF: 5.8/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -428.083+/-277.102 χ^2 /NDF: 3.7/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

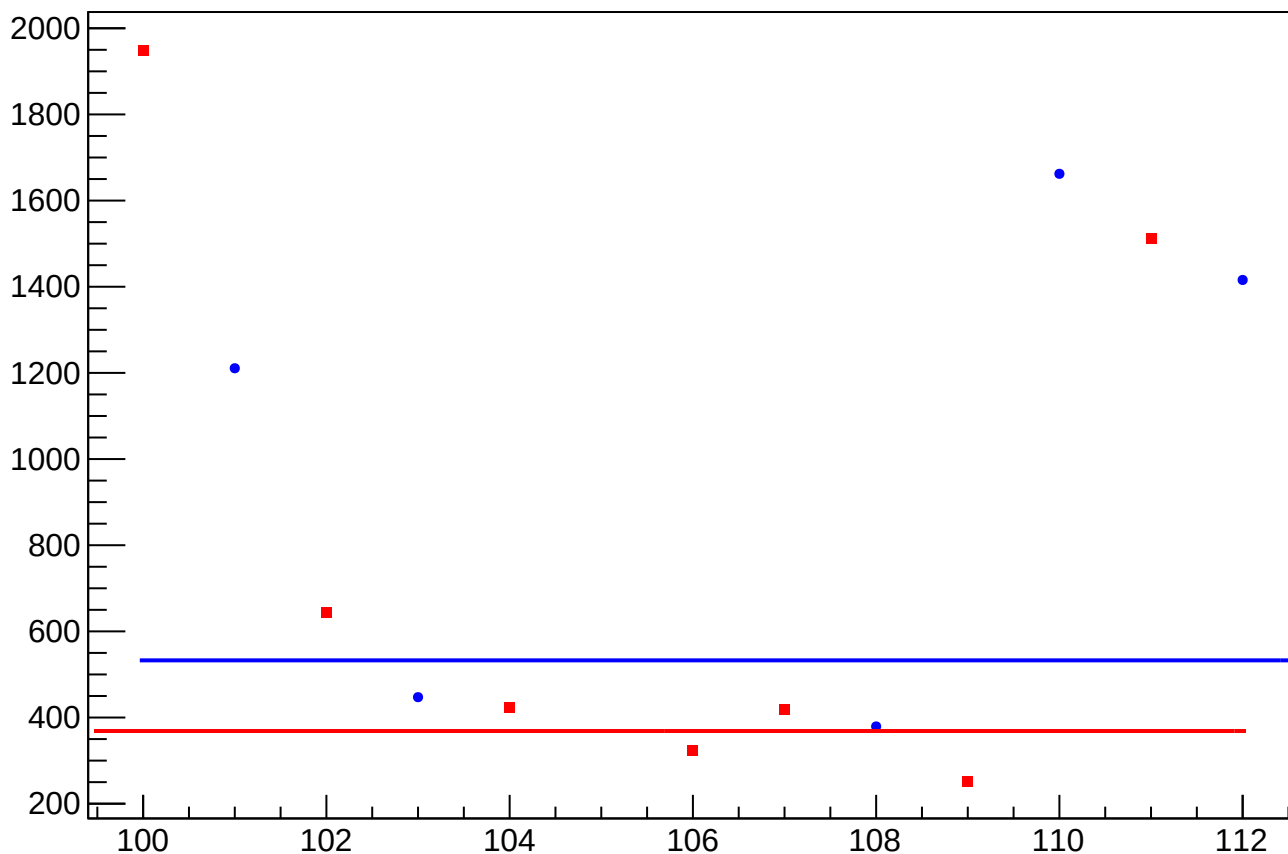
Right: -341.339+/-225.909 χ^2 /NDF: 9.8/11

In: -169.424+/-390.103 χ^2 /NDF:5.8/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -341.339+/-225.909 χ^2 /NDF: 9.8/11

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 532.729+/-0.276 χ^2/NDF : 1318516.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 368.747+/-0.196 χ^2/NDF : 917885.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

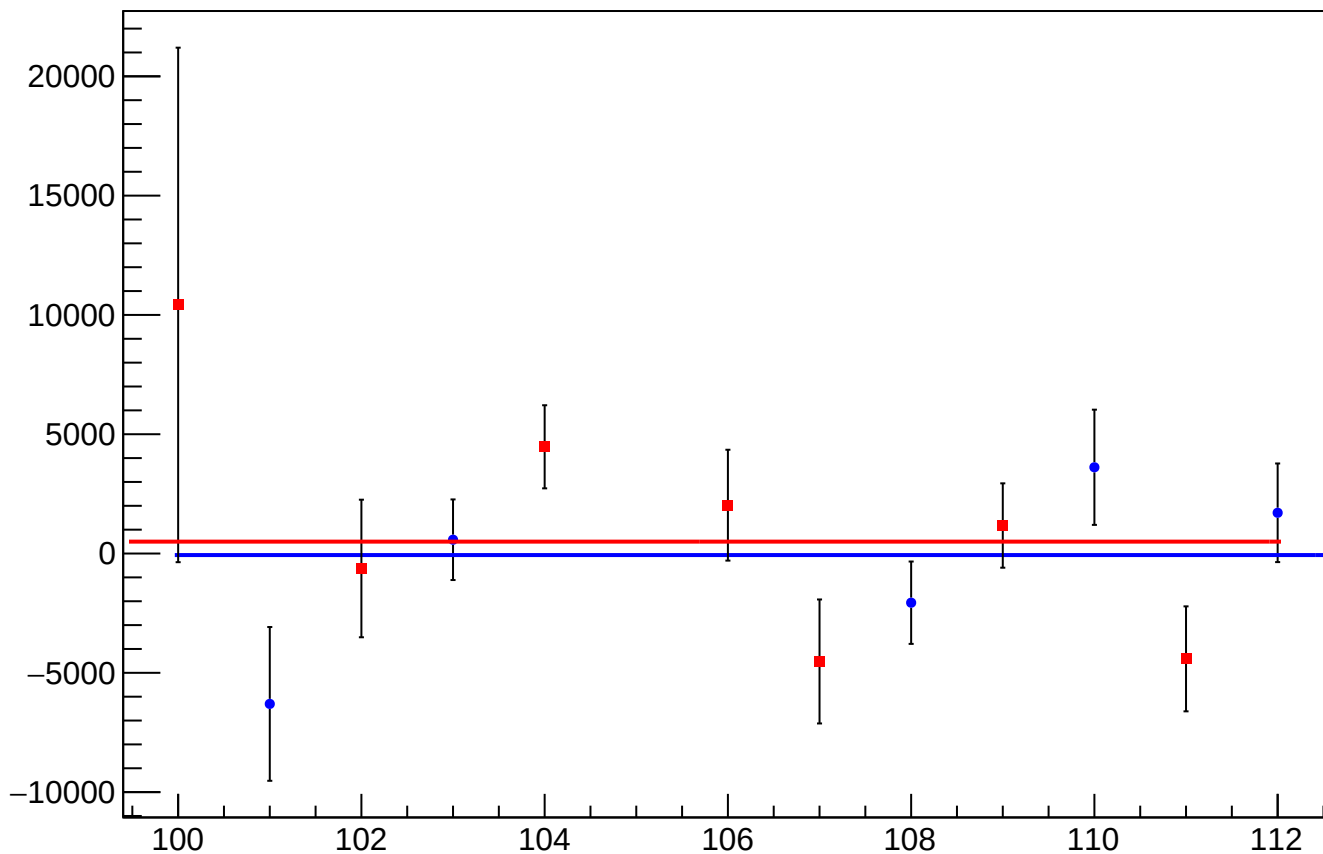
Right: 423.740+/-0.160 χ^2/NDF : 2471282.8/11

In: 532.729+/-0.276 χ^2/NDF : 1318516.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 423.740+/-0.160 χ^2/NDF : 2471282.8/11

dit_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -64.287 ± 917.417 χ^2/NDF : 8.3/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 498.771 ± 870.844 χ^2/NDF : 15.5/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

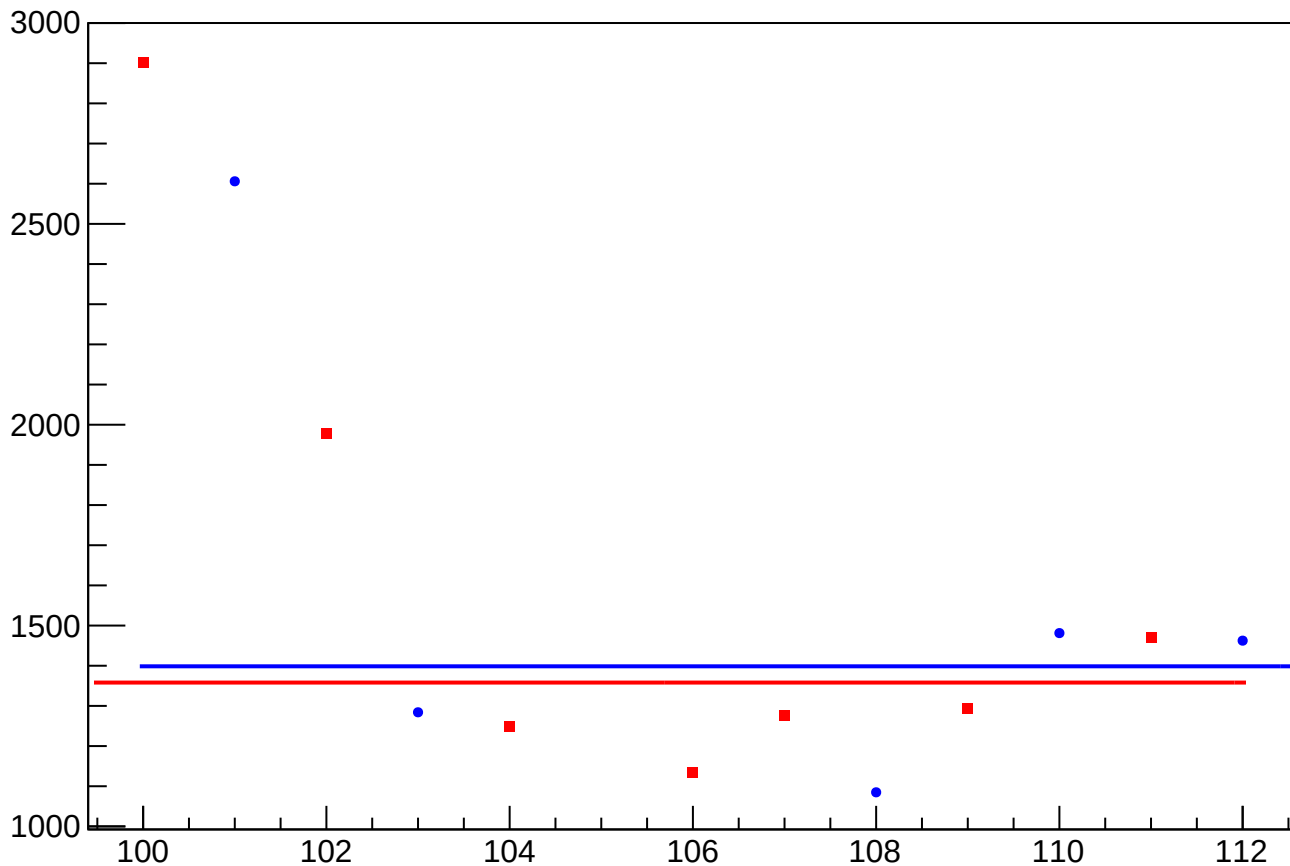
Right: 231.896 ± 631.602 χ^2/NDF : 24.0/11

In: -64.287 ± 917.417 χ^2/NDF : 8.3/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 231.896 ± 631.602 χ^2/NDF : 24.0/11

dit_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1398.566+/-0.649 χ^2/NDF : 360296.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1358.094+/-0.616 χ^2/NDF : 170105.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

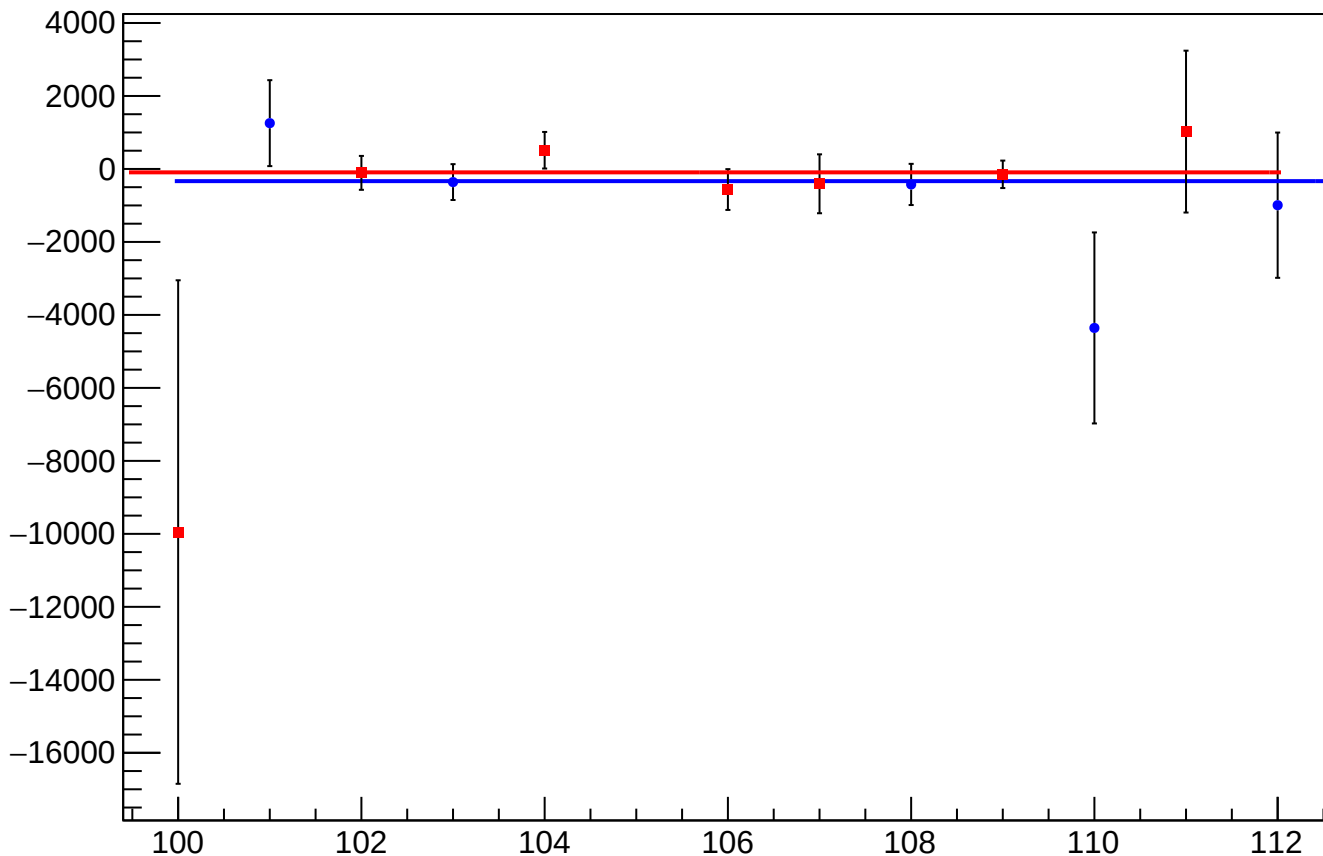
Right: 1377.277+/-0.447 χ^2/NDF : 532449.3/11

In: 1398.566+/-0.649 χ^2/NDF : 360296.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1377.277+/-0.447 χ^2/NDF : 532449.3/11

asym_us_dd_at2lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -333.700+/-345.005 χ^2/NDF : 4.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -93.214+/-220.138 χ^2/NDF : 4.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

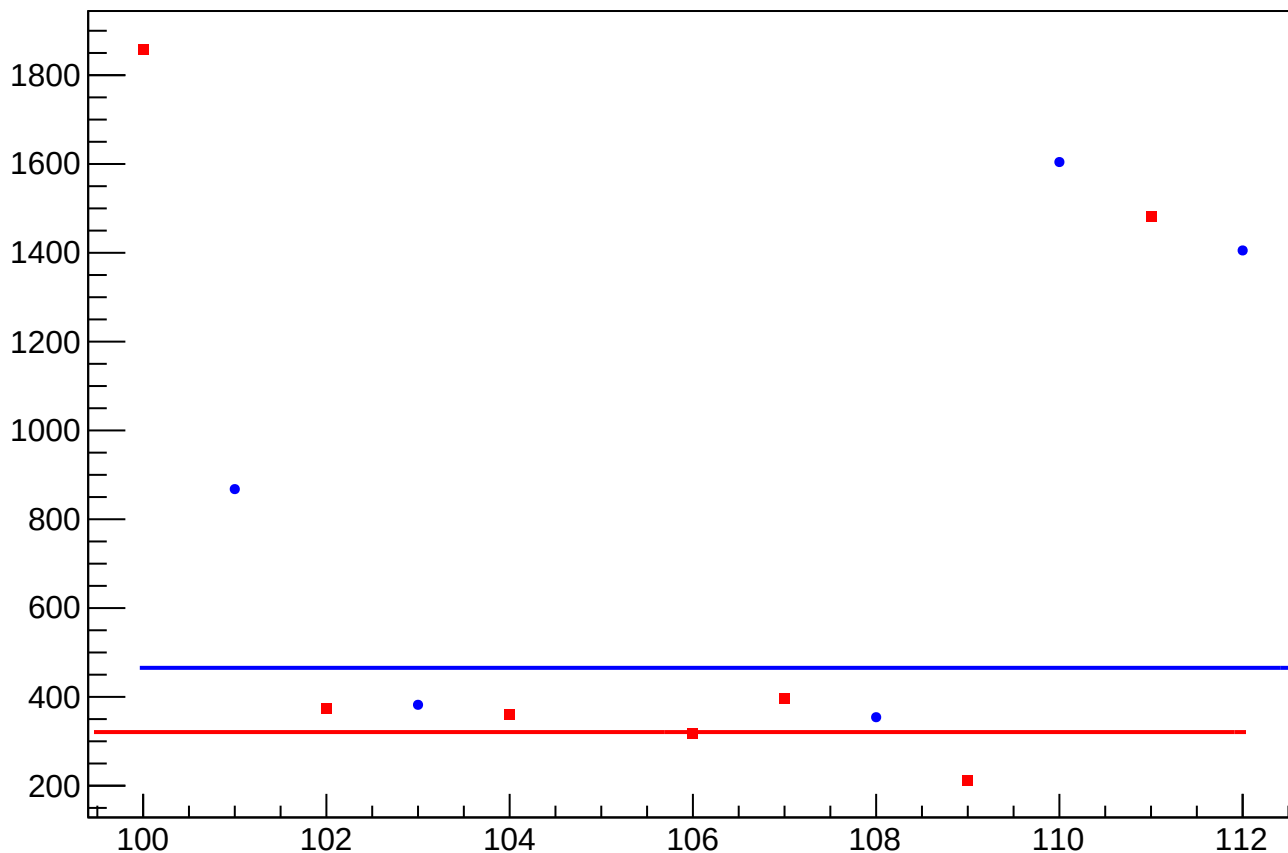
Right: -162.795+/-185.578 χ^2/NDF : 9.3/11

In: -333.700+/-345.005 χ^2/NDF : 4.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -162.795+/-185.578 χ^2/NDF : 9.3/11

asym_us_dd_at2lr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 465.421+/-0.244 χ^2/NDF : 1193239.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 320.788+/-0.156 χ^2/NDF : 871941.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

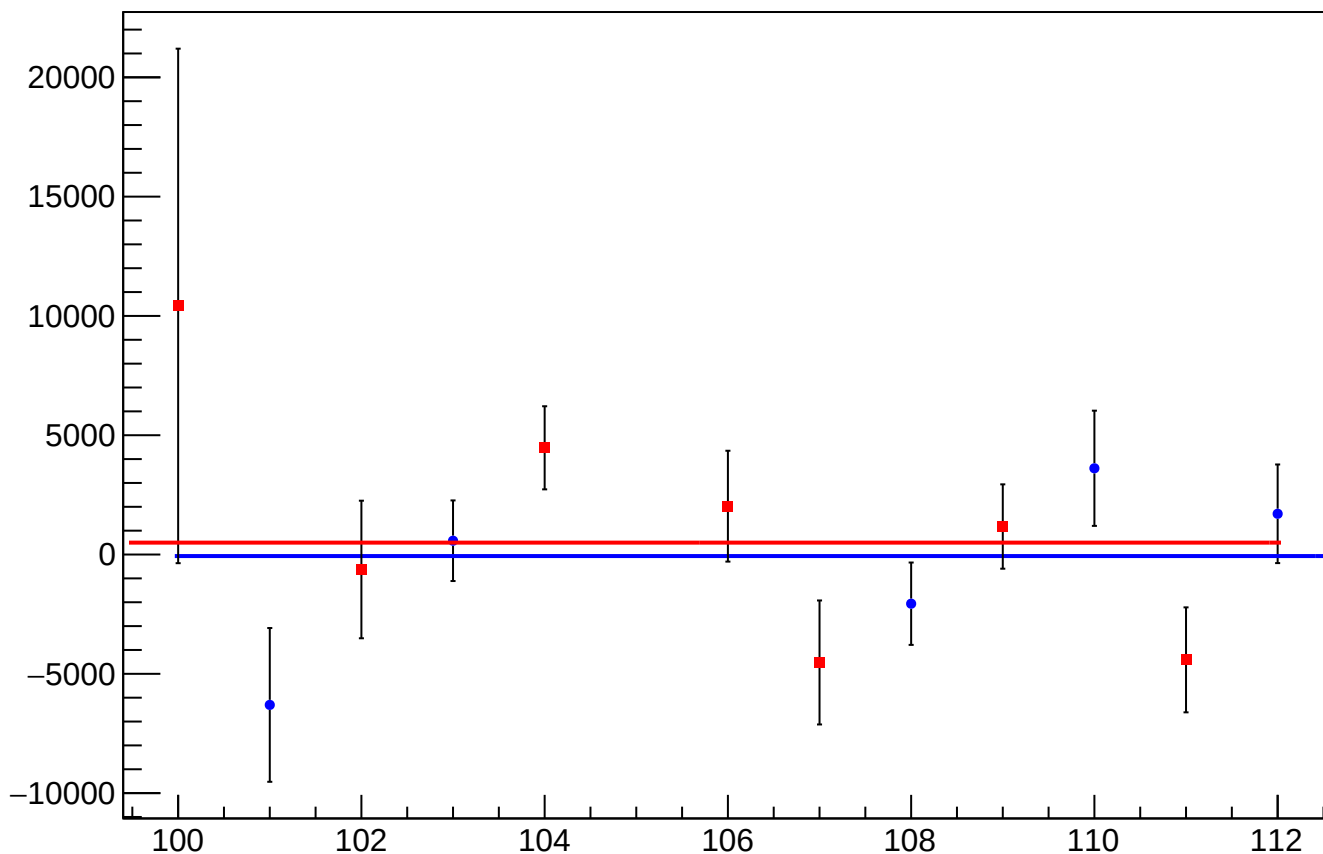
Right: 362.635+/-0.131 χ^2/NDF : 2314972.6/11

In: 465.421+/-0.244 χ^2/NDF : 1193239.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 362.635+/-0.131 χ^2/NDF : 2314972.6/11

eigen_dit_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -64.295+/-917.417 χ^2/NDF : 8.3/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 498.770+/-870.844 χ^2/NDF : 15.5/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

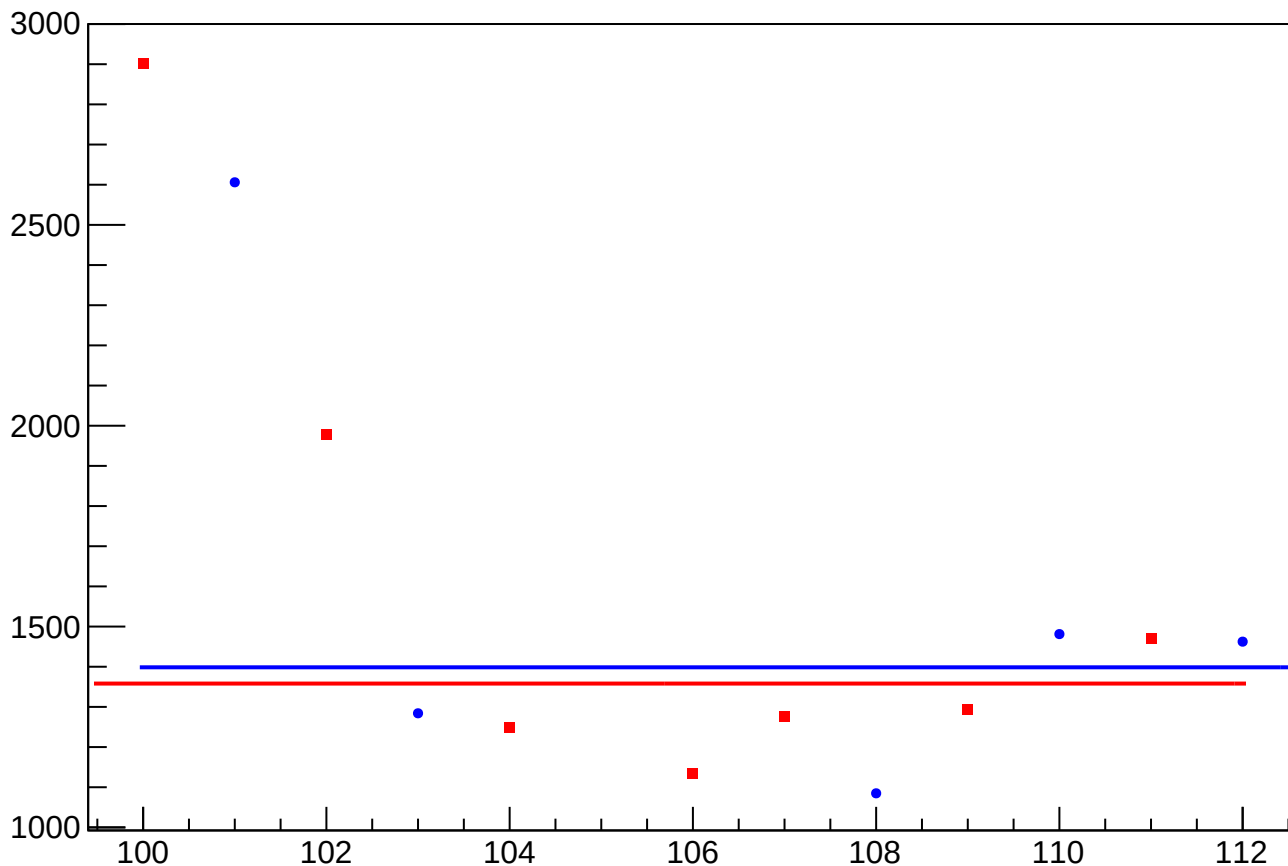
Right: 231.892+/-631.602 χ^2/NDF : 24.0/11

In: -64.295+/-917.417 χ^2/NDF :8.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 231.892+/-631.602 χ^2/NDF : 24.0/11

eigen_dit_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1398.567+/-0.649 χ^2/NDF : 360295.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1358.093+/-0.616 χ^2/NDF : 170105.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

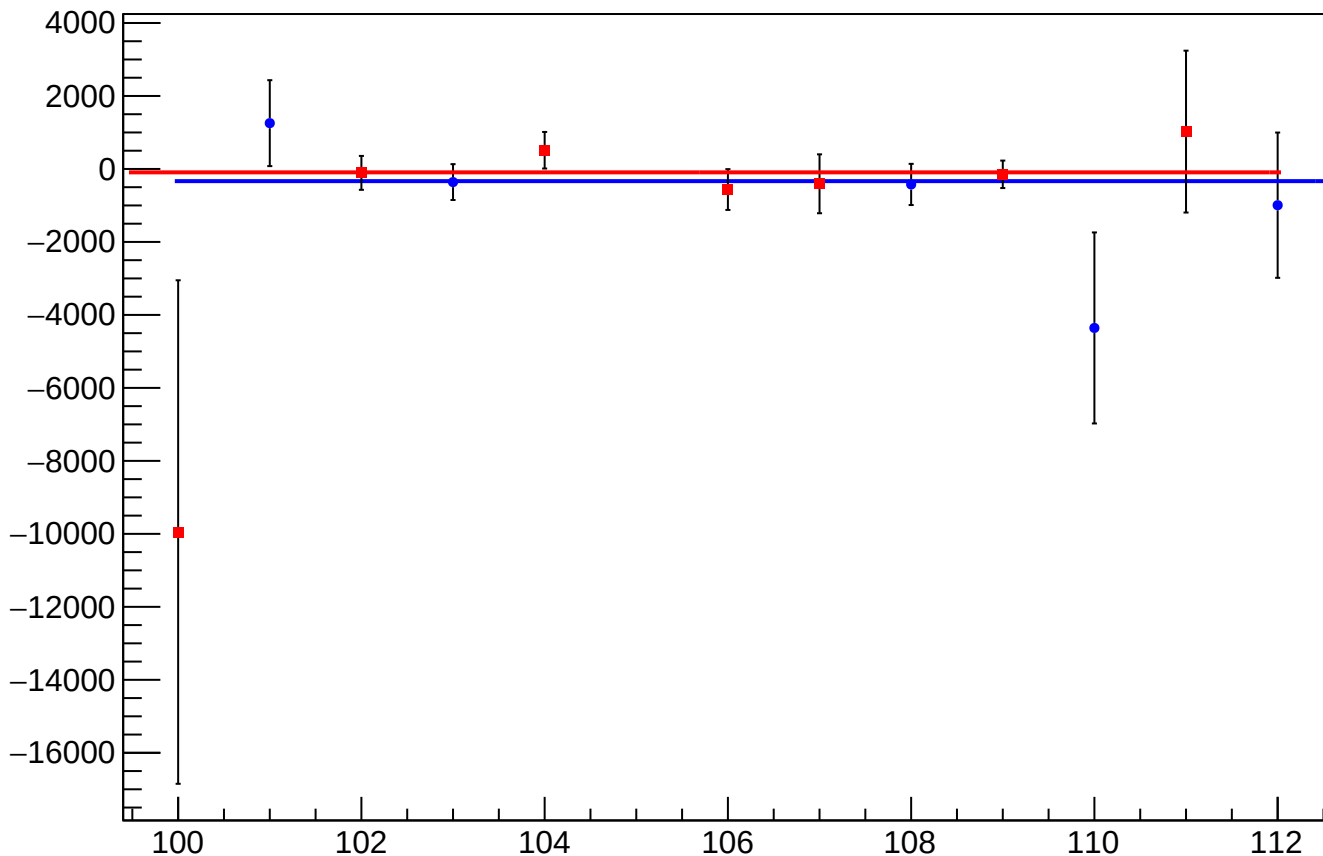
Right: 1377.277+/-0.447 χ^2/NDF : 532448.9/11

In: 1398.567+/-0.649 χ^2/NDF : 360295.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1377.277+/-0.447 χ^2/NDF : 532448.9/11

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -333.706+/-345.000 χ^2/NDF : 4.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -93.207+/-220.139 χ^2/NDF : 4.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

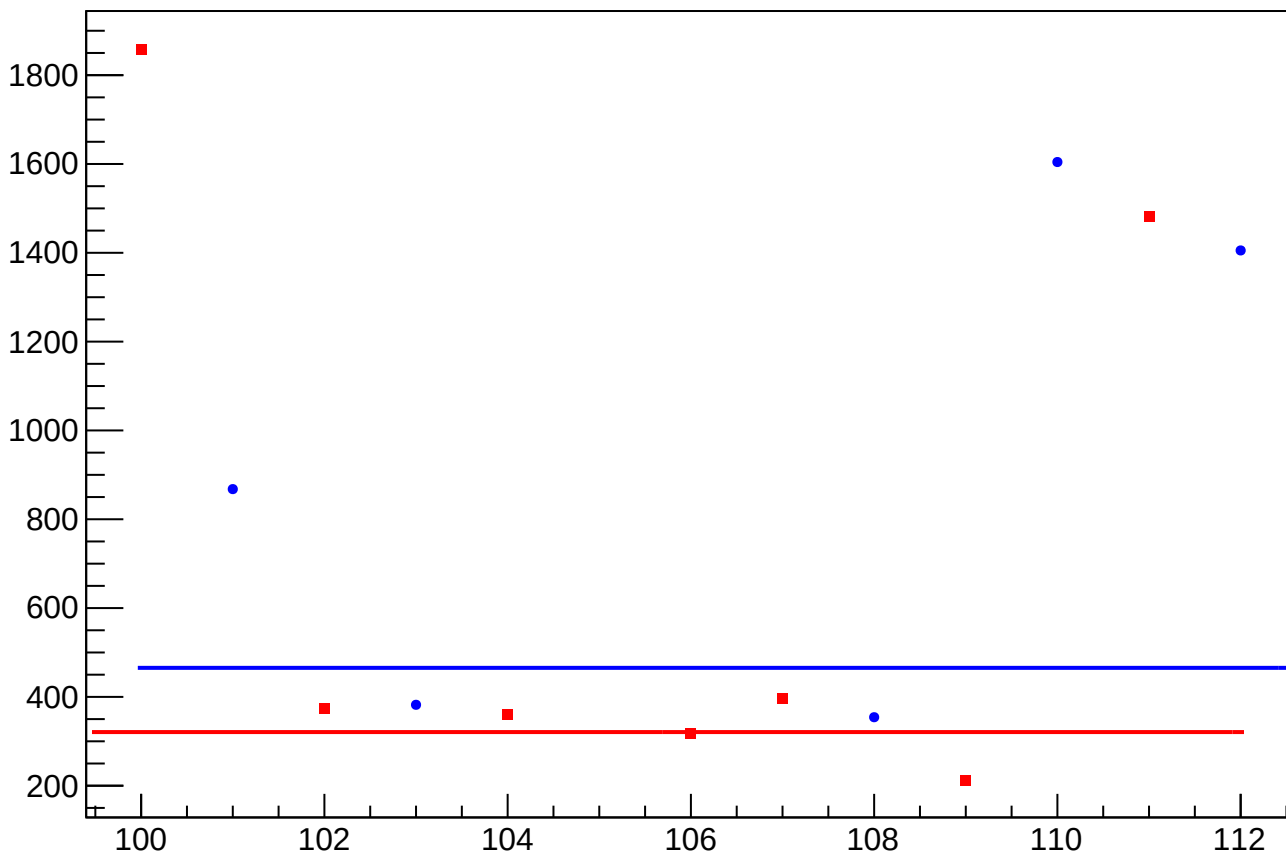
Right: -162.794+/-185.578 χ^2/NDF : 9.3/11

In: -333.706+/-345.000 χ^2/NDF : 4.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -162.794+/-185.578 χ^2/NDF : 9.3/11

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 465.413+/-0.244 χ^2/NDF : 1193262.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 320.792+/-0.156 χ^2/NDF : 871895.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

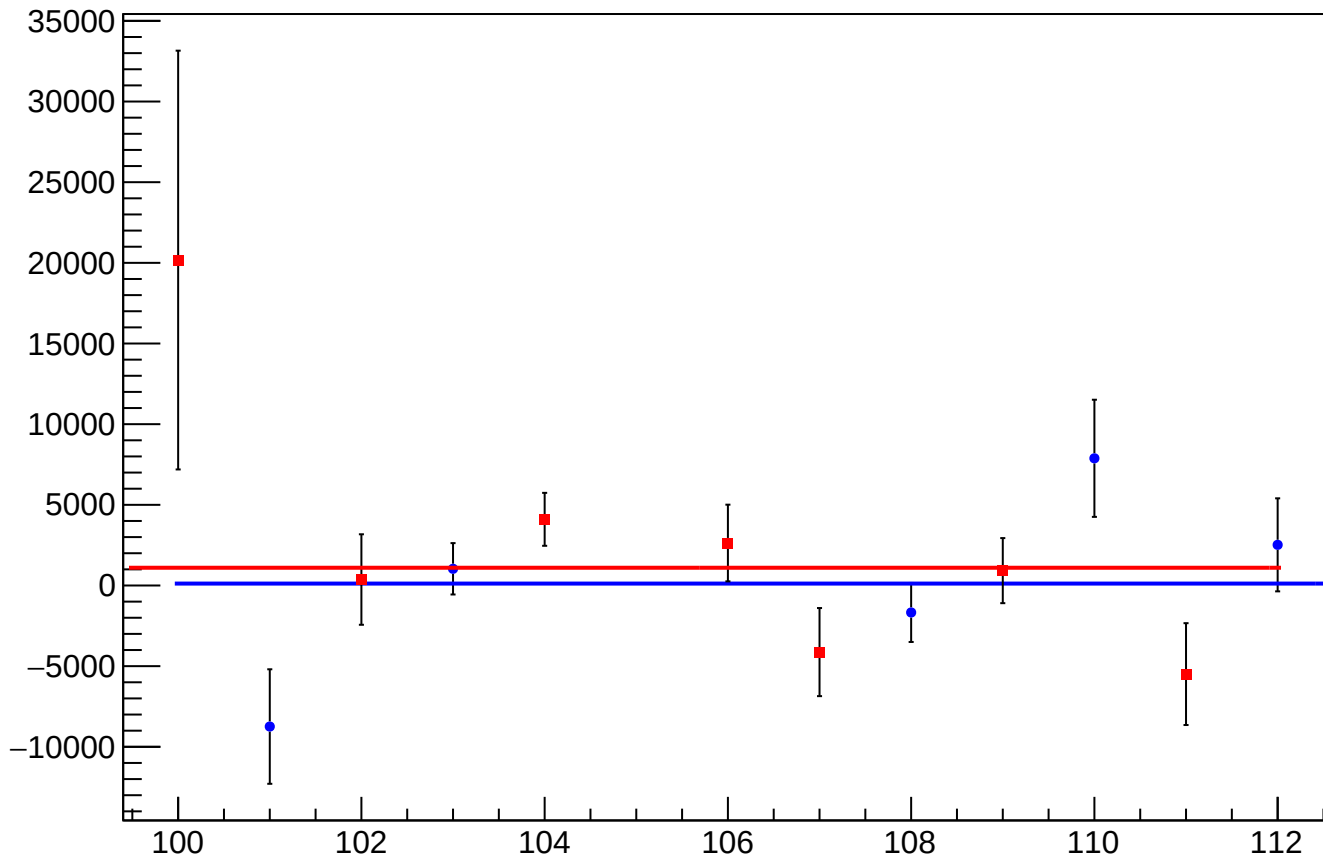
Right: 362.637+/-0.131 χ^2/NDF : 2314912.0/11

In: 465.413+/-0.244 χ^2/NDF : 1193262.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 362.637+/-0.131 χ^2/NDF : 2314912.0/11

asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 118.979+/-1015.937 χ^2/NDF : 12.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1100.202+/-927.765 χ^2/NDF : 14.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

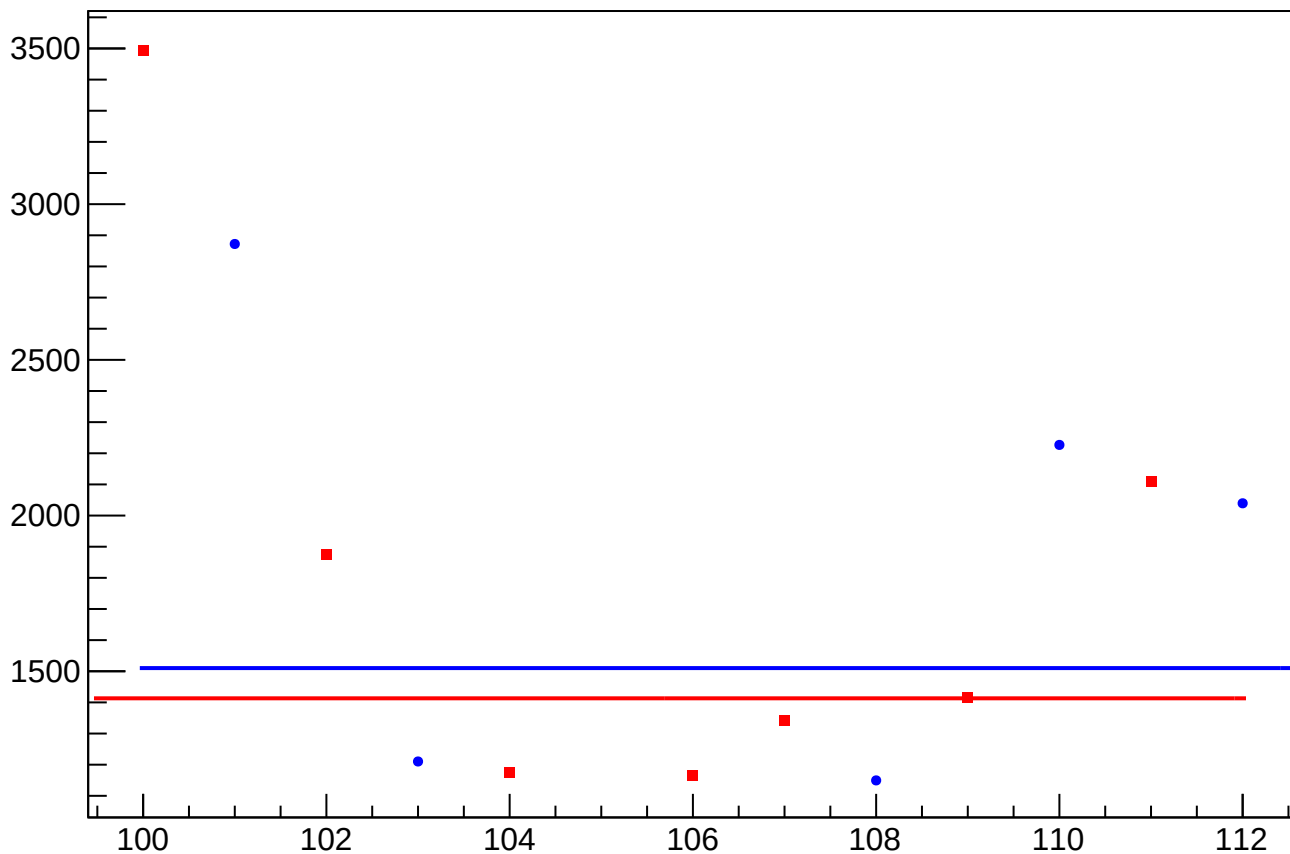
Right: 654.010+/-685.084 χ^2/NDF : 27.3/11

In: 118.979+/-1015.937 χ^2/NDF : 12.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 654.010+/-685.084 χ^2/NDF : 27.3/11

asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1510.205+/-0.718 χ^2/NDF : 588525.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1413.112+/-0.656 χ^2/NDF : 268065.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

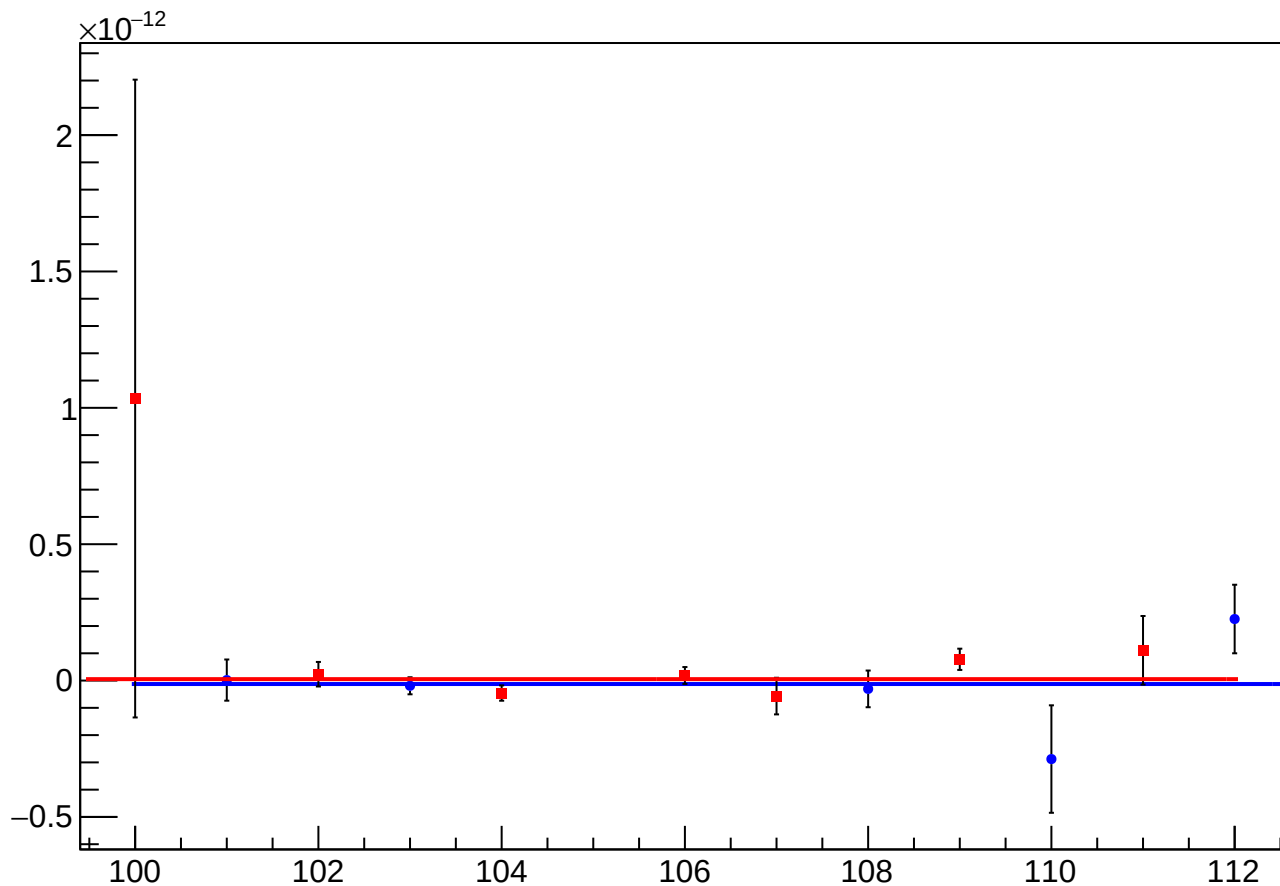
Right: 1457.263+/-0.484 χ^2/NDF : 866551.8/11

In: 1510.205+/-0.718 χ^2/NDF : 588525.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1457.263+/-0.484 χ^2/NDF : 866551.8/11

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 5.7/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 9.5/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

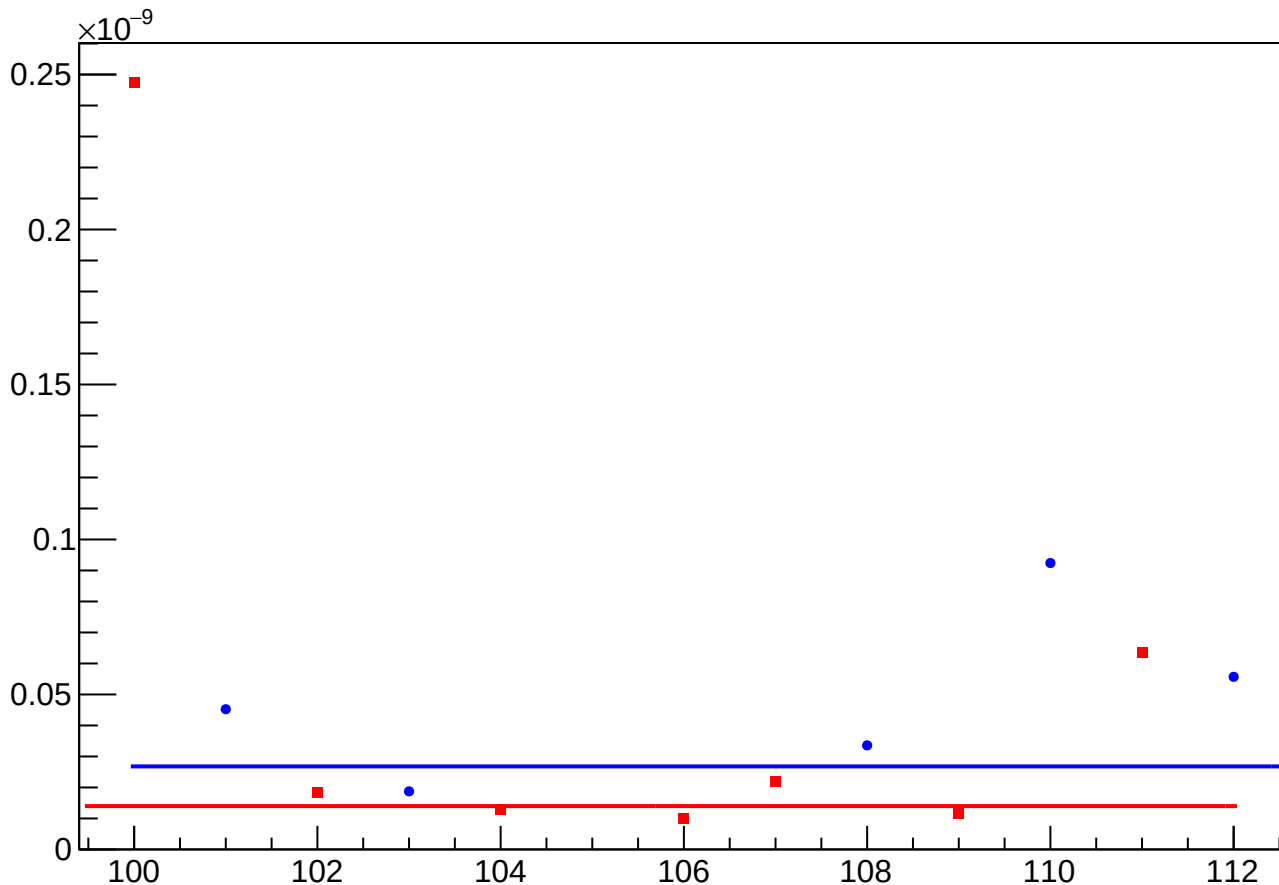
Right: 0.000+/-0.000 χ^2 /NDF: 15.5/11

In: -0.000+/-0.000 χ^2 /NDF:5.7/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 15.5/11

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 600131.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 484462.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

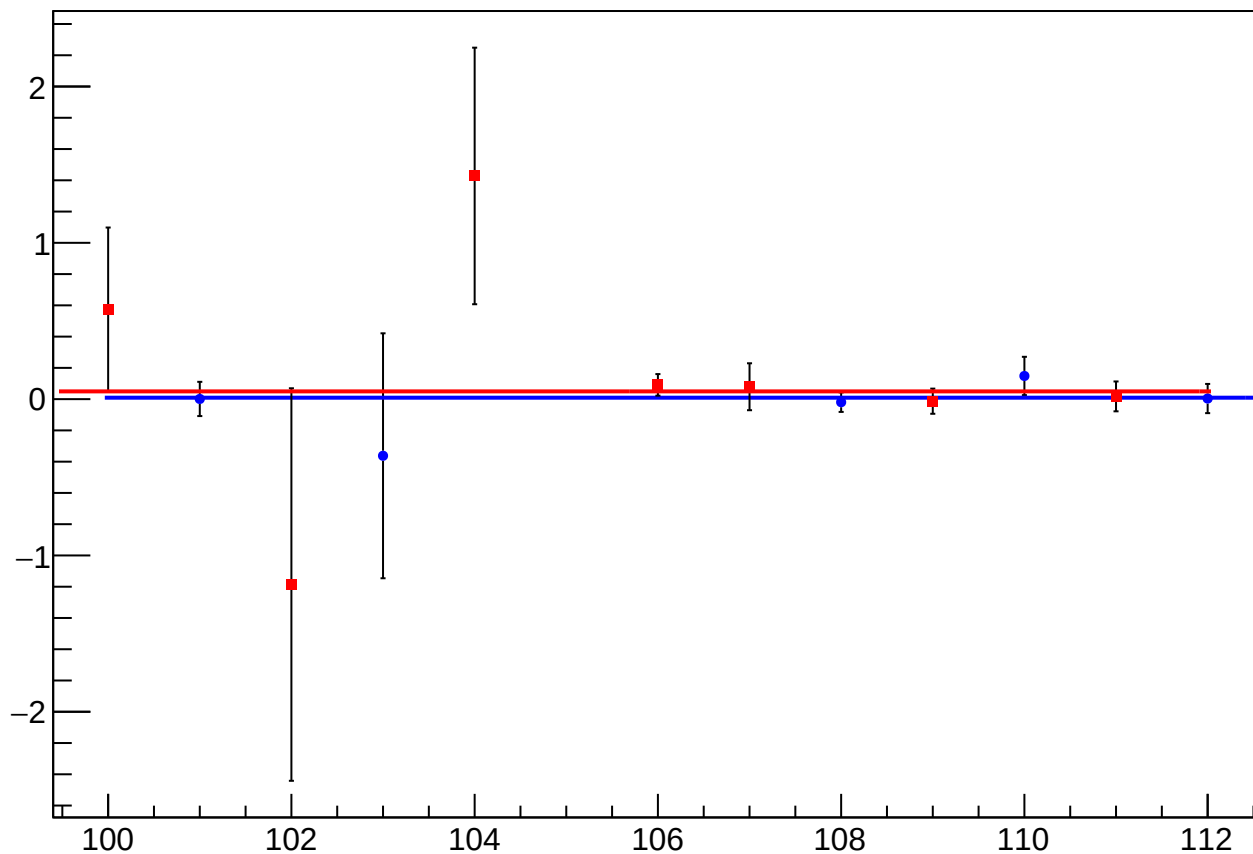
Right: 0.000+/-0.000 χ^2/NDF : 1437581.1/11

In: 0.000+/-0.000 χ^2/NDF : 600131.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1437581.1/11

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.044 χ^2/NDF : 1.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.050+/-0.044 χ^2/NDF : 5.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

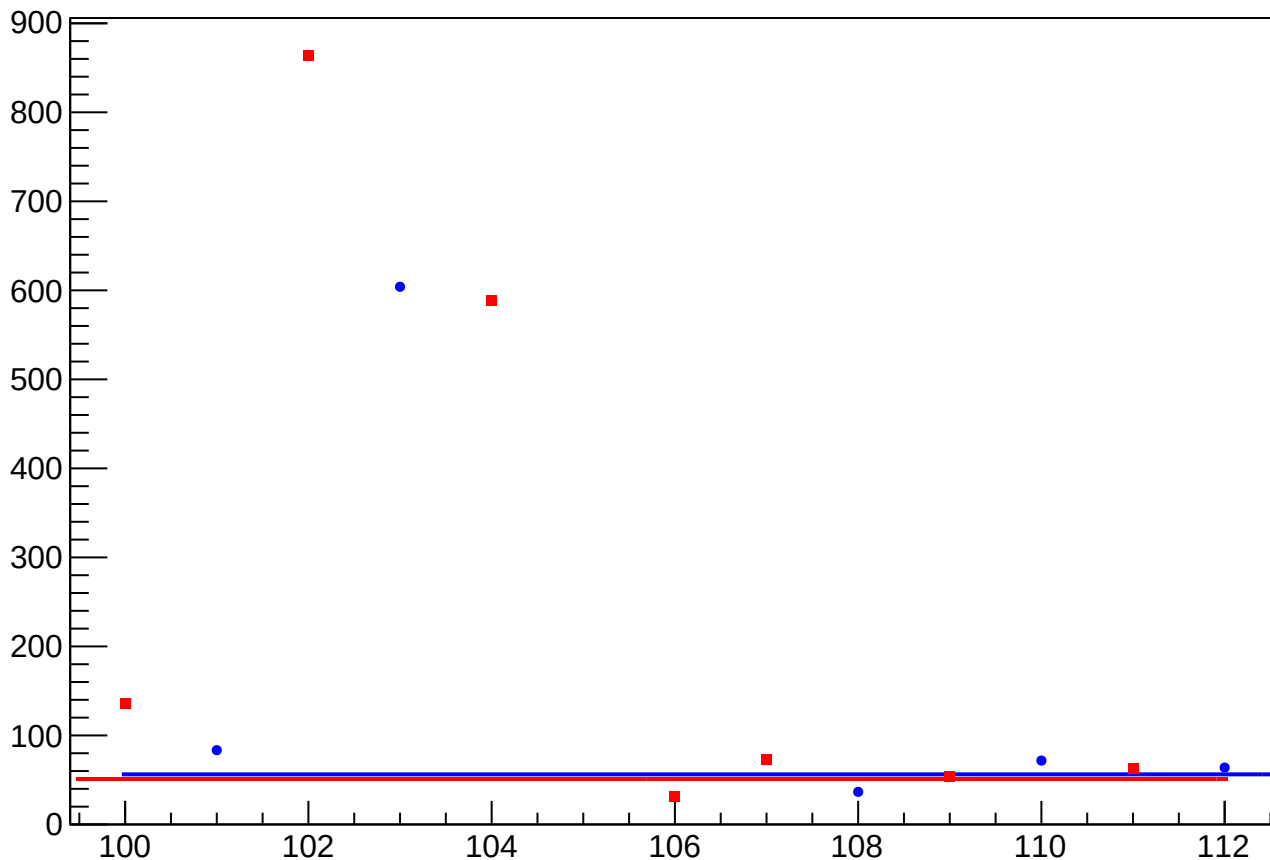
Right: 0.029+/-0.031 χ^2/NDF : 8.1/11

In: 0.009+/-0.044 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.031 χ^2/NDF : 8.1/11

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.280+/-0.031 χ^2/NDF : 1344961.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.043+/-0.031 χ^2/NDF : 1988030.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

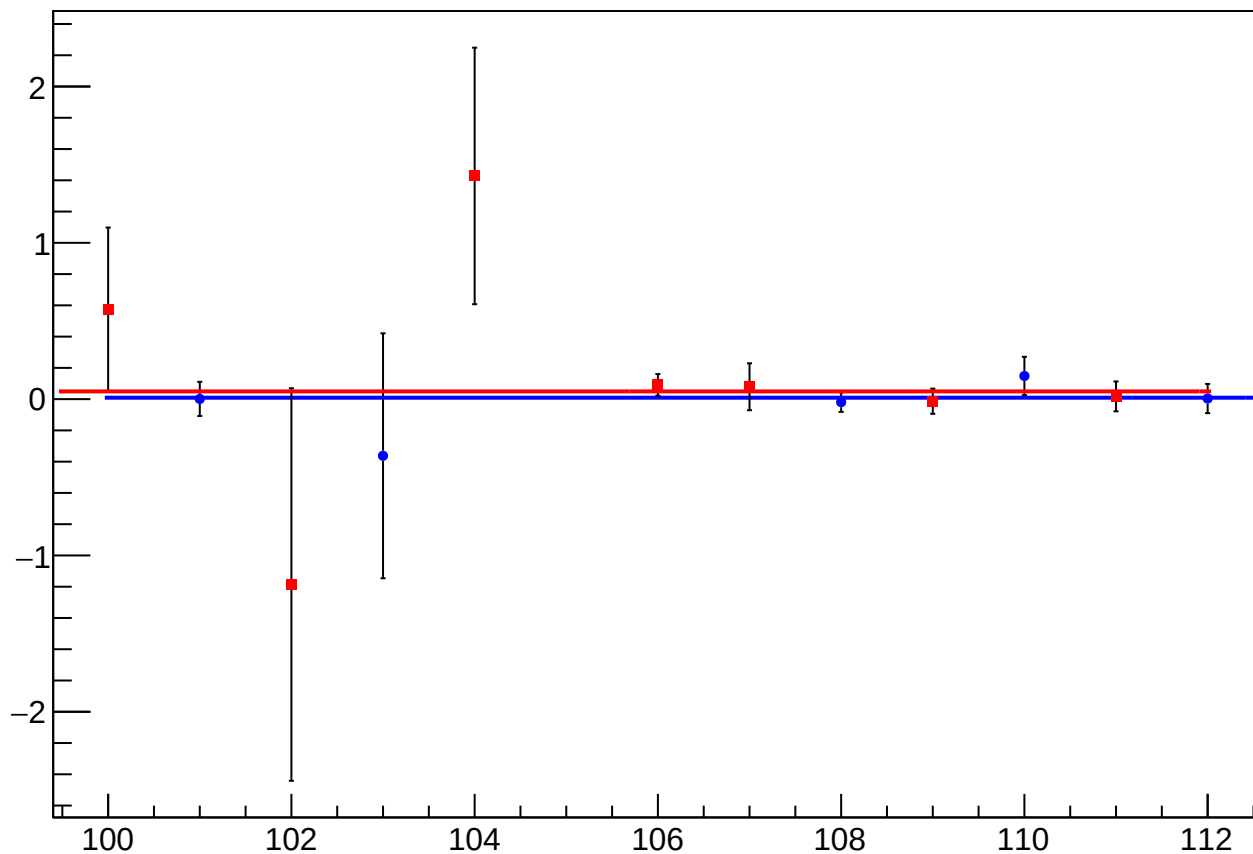
Right: 53.660+/-0.022 χ^2/NDF : 3347354.2/11

In: 56.280+/-0.031 χ^2/NDF : 1344961.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.660+/-0.022 χ^2/NDF : 3347354.2/11

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.044 χ^2/NDF : 1.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.050+/-0.044 χ^2/NDF : 5.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

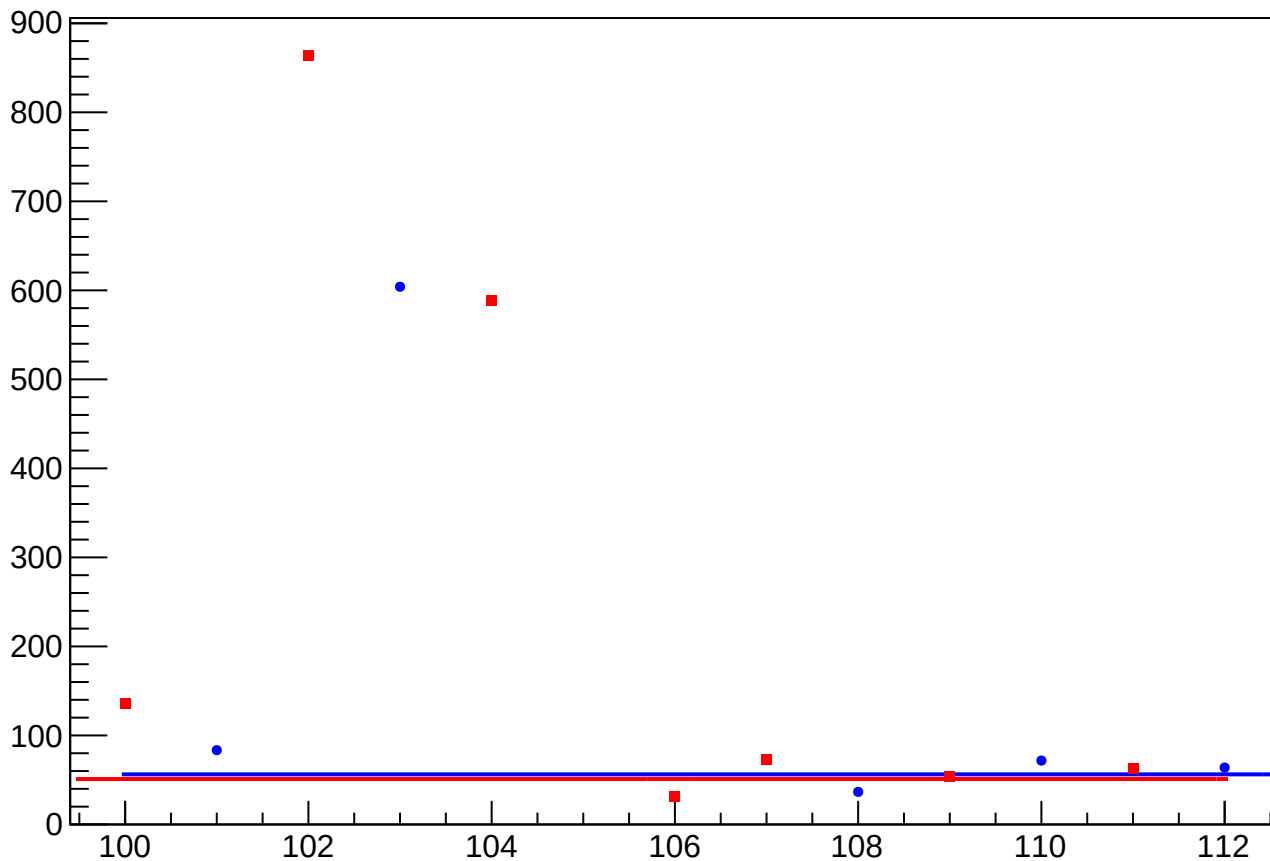
Right: 0.029+/-0.031 χ^2/NDF : 8.1/11

In: 0.009+/-0.044 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.031 χ^2/NDF : 8.1/11

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.280+/-0.031 χ^2/NDF : 1344961.5/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 51.043+/-0.031 χ^2/NDF : 1988030.2/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

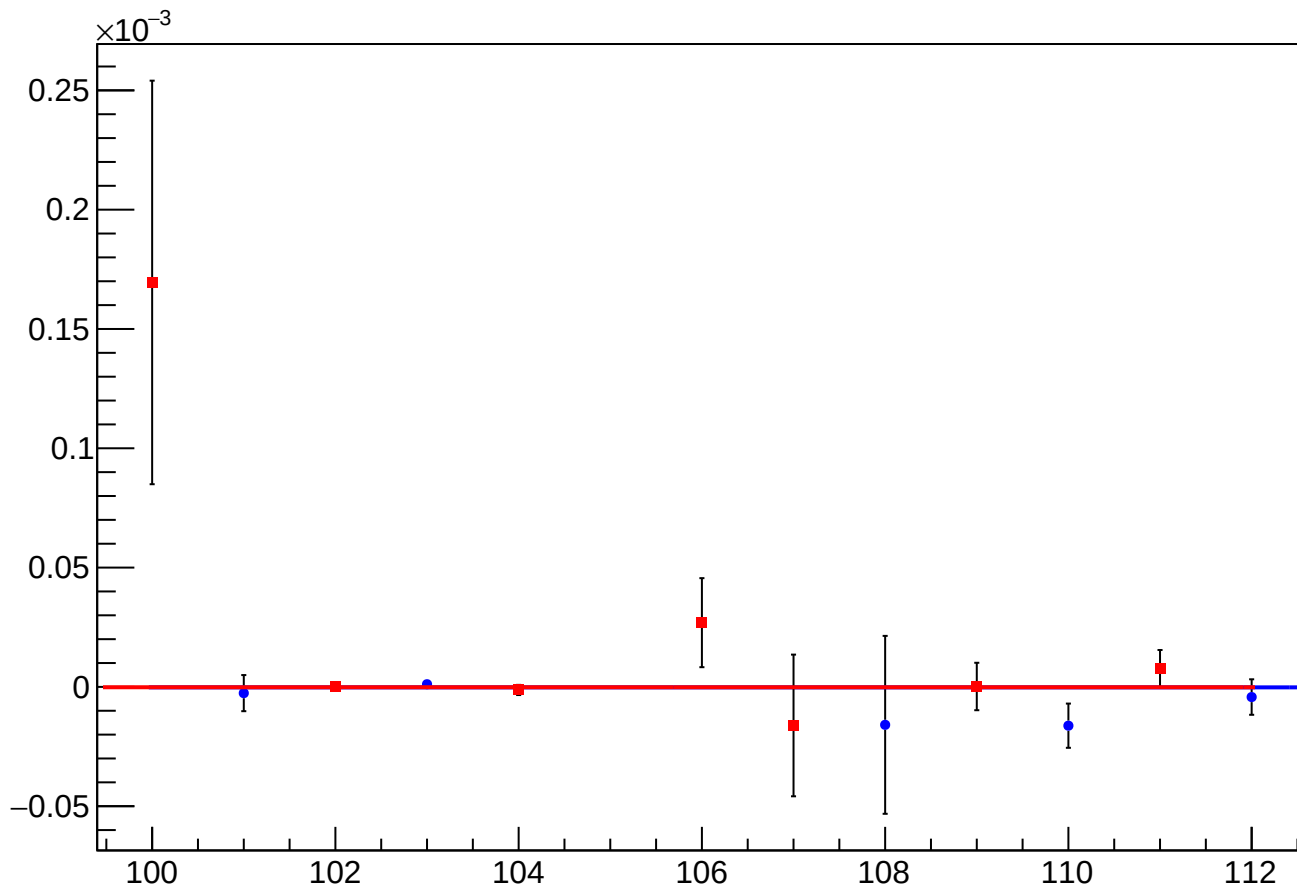
Right: 53.660+/-0.022 χ^2/NDF : 3347354.2/11

In: 56.280+/-0.031 χ^2/NDF :1344961.5/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 53.660+/-0.022 χ^2/NDF : 3347354.2/11

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 : 4.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

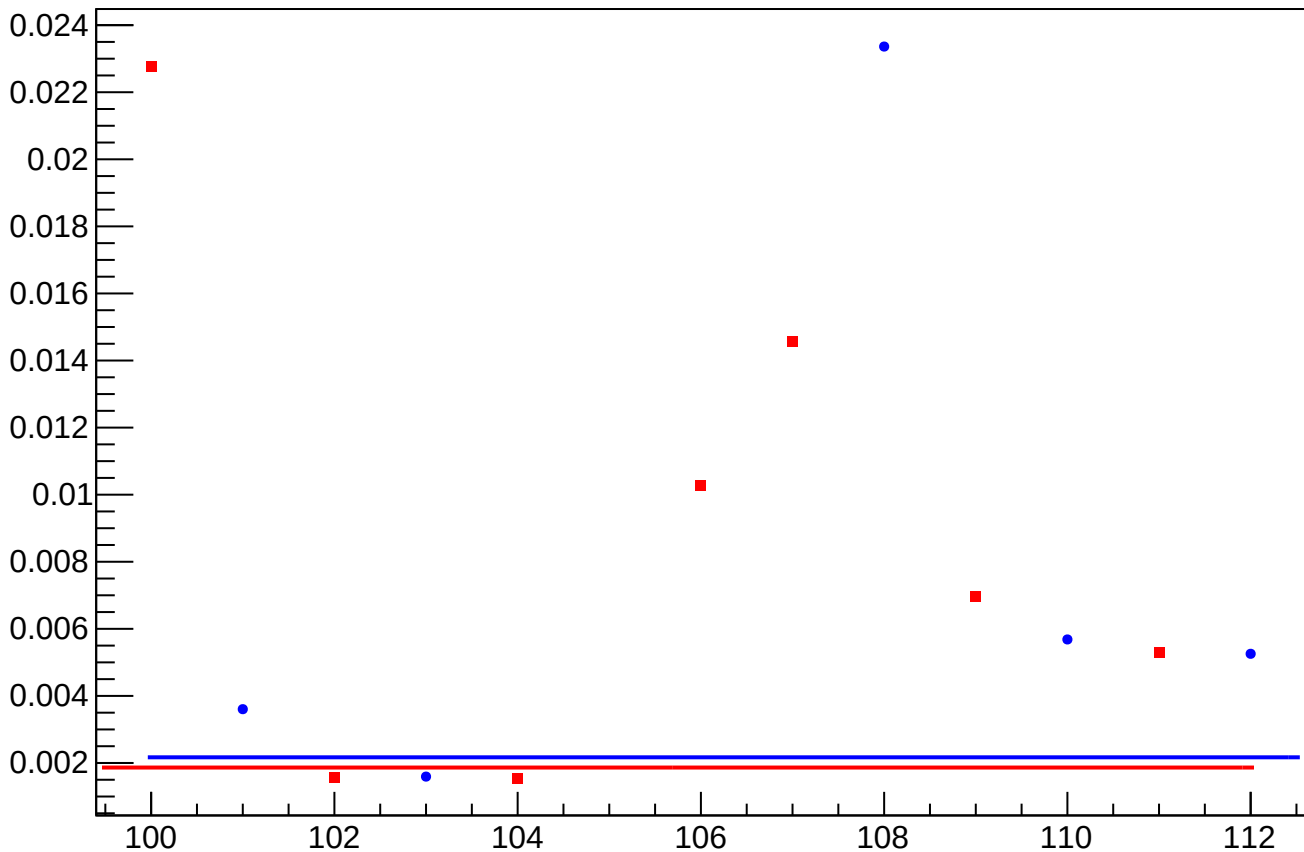
Right: -0.000+/-0.000 χ^2/NDF : 11.6/11

In: -0.000+/-0.000 χ^2/NDF : 4.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.6/11

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1507923.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1887108.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

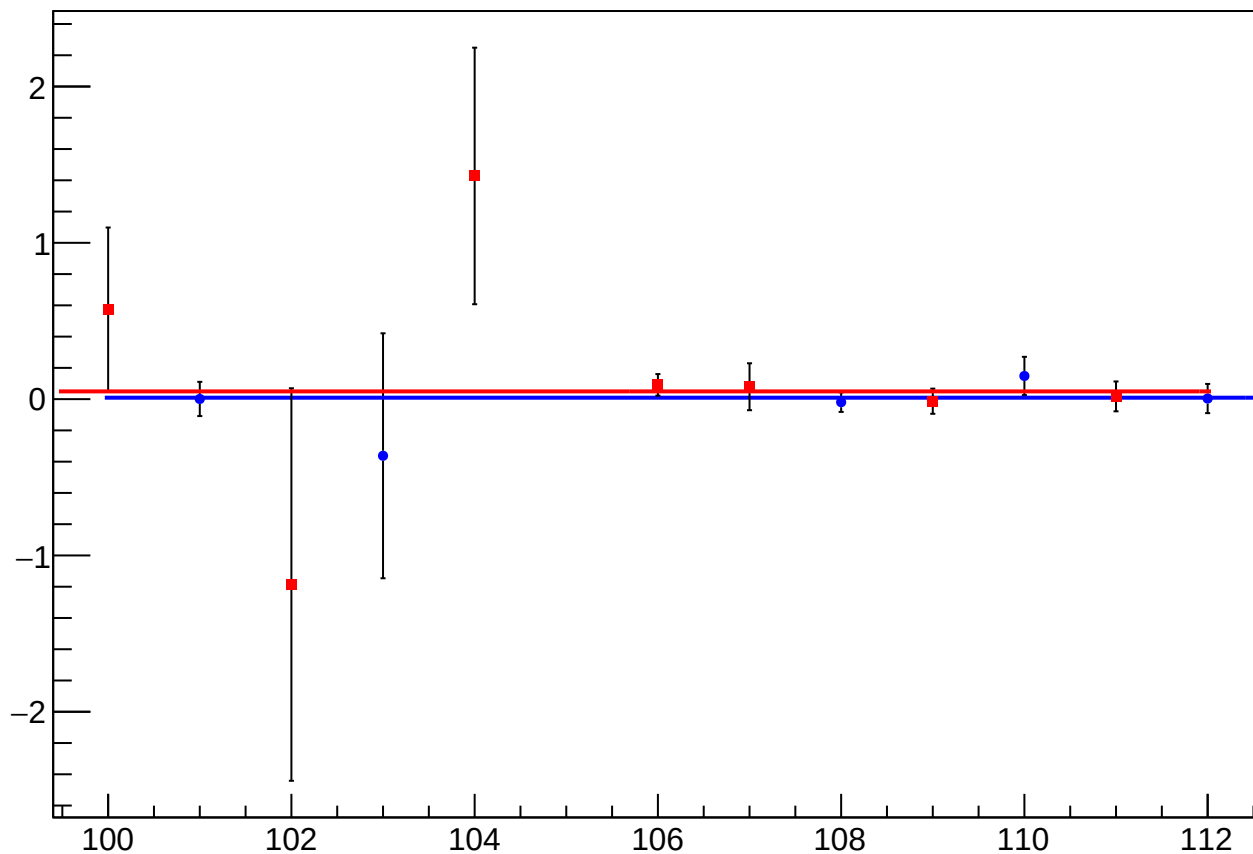
Right: 0.002+/-0.000 χ^2/NDF : 3429135.0/11

In: 0.002+/-0.000 χ^2/NDF : 1507923.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3429135.0/11

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.044 χ^2/NDF : 1.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.050+/-0.044 χ^2/NDF : 5.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

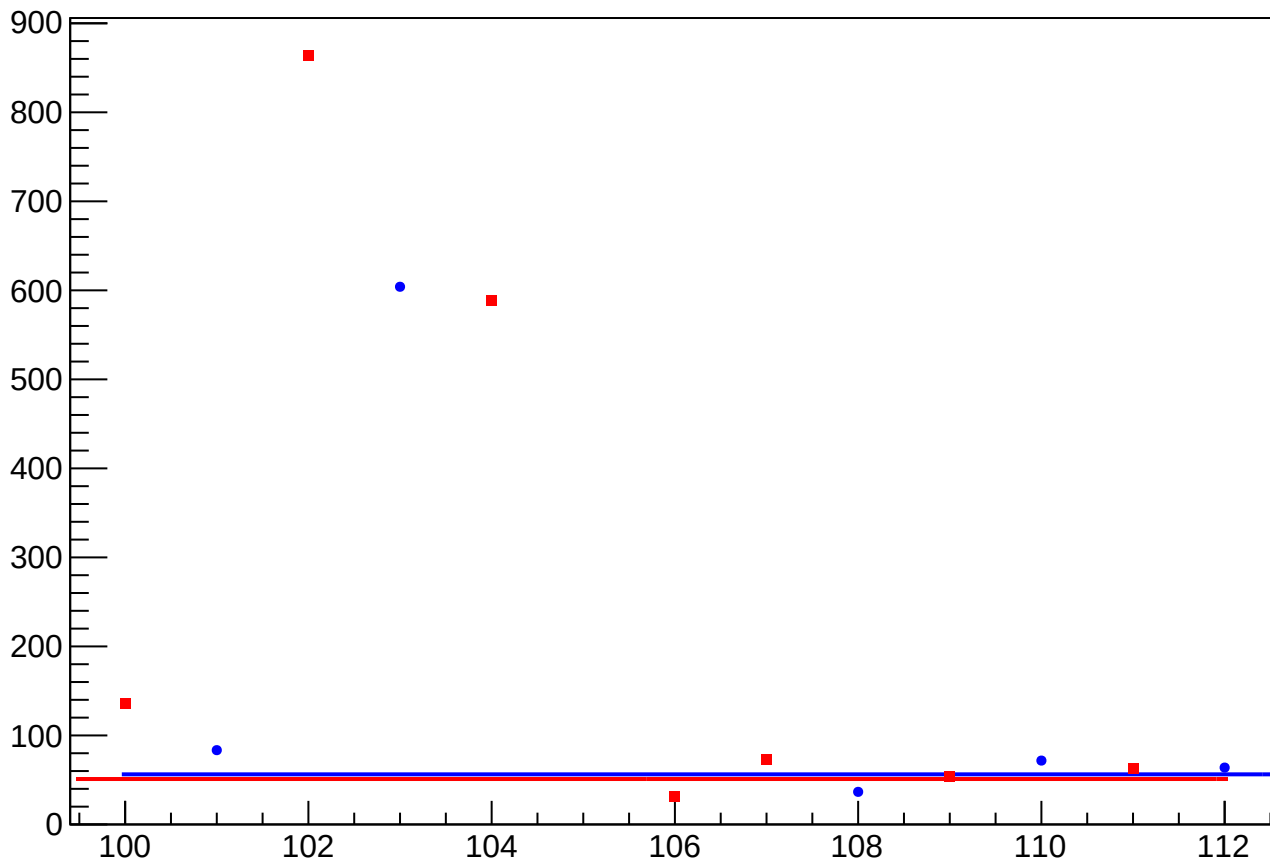
Right: 0.029+/-0.031 χ^2/NDF : 8.1/11

In: 0.009+/-0.044 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.031 χ^2/NDF : 8.1/11

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.294+/-0.031 χ^2/NDF : 1344543.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.047+/-0.031 χ^2/NDF : 1987877.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

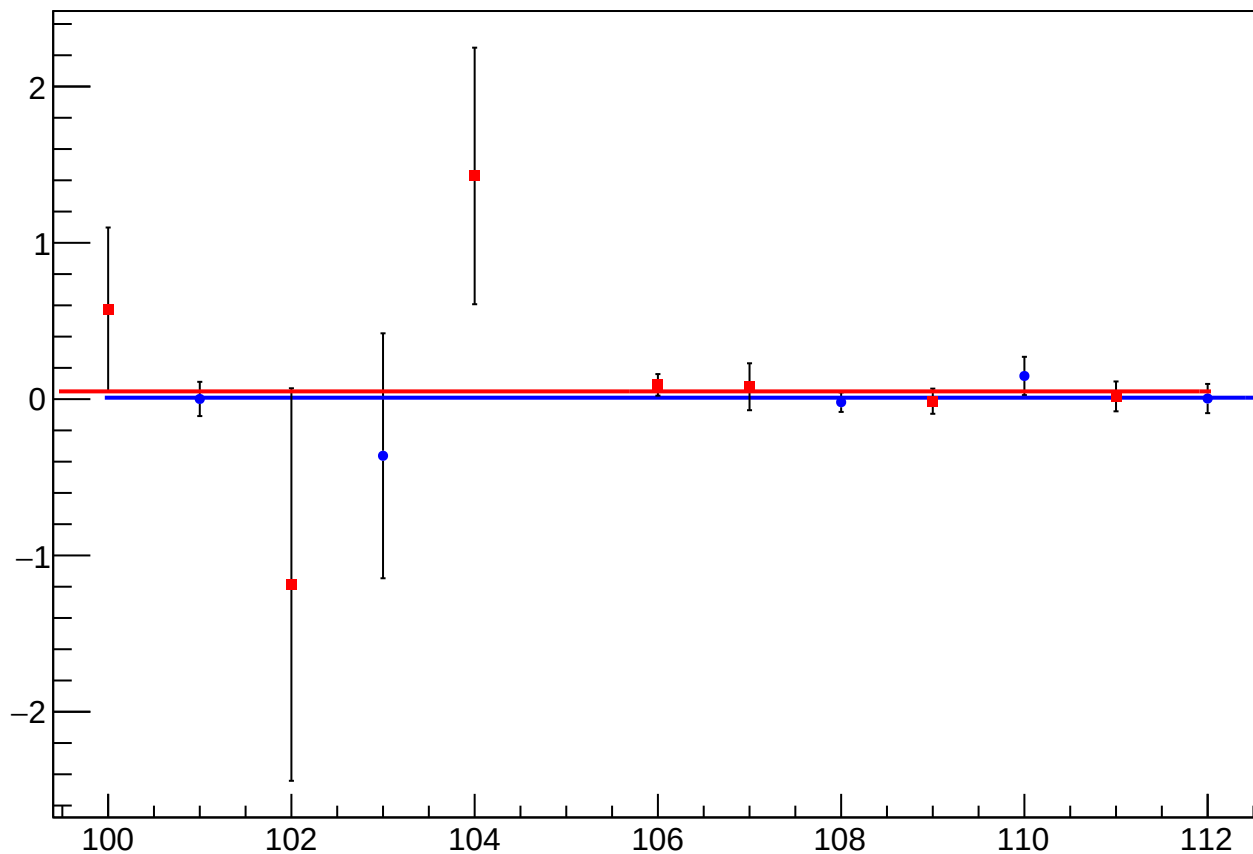
Right: 53.668+/-0.022 χ^2/NDF : 3346837.0/11

In: 56.294+/-0.031 χ^2/NDF : 1344543.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.668+/-0.022 χ^2/NDF : 3346837.0/11

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.044 χ^2/NDF : 1.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.050+/-0.044 χ^2/NDF : 5.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

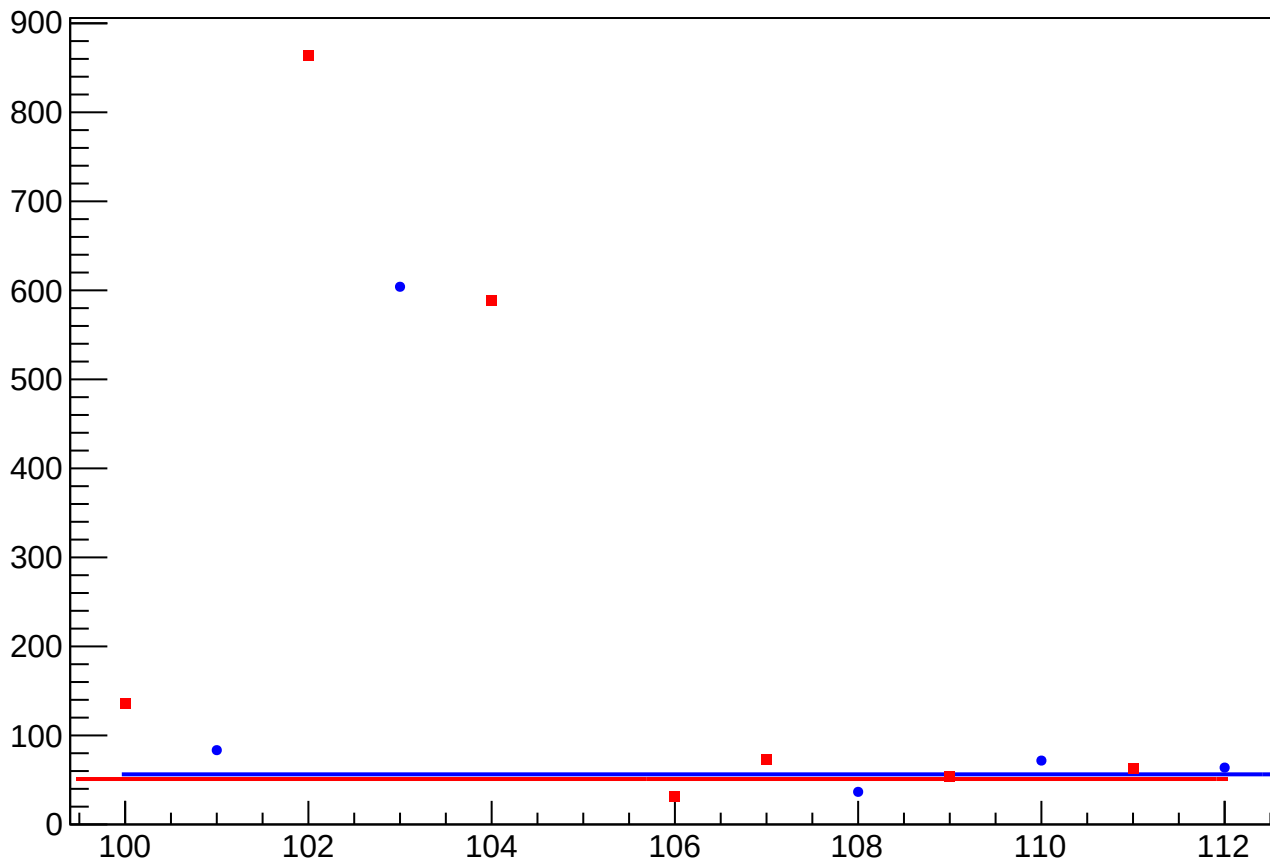
Right: 0.029+/-0.031 χ^2/NDF : 8.1/11

In: 0.009+/-0.044 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.031 χ^2/NDF : 8.1/11

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.294+/-0.031 χ^2/NDF : 1344543.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.047+/-0.031 χ^2/NDF : 1987877.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

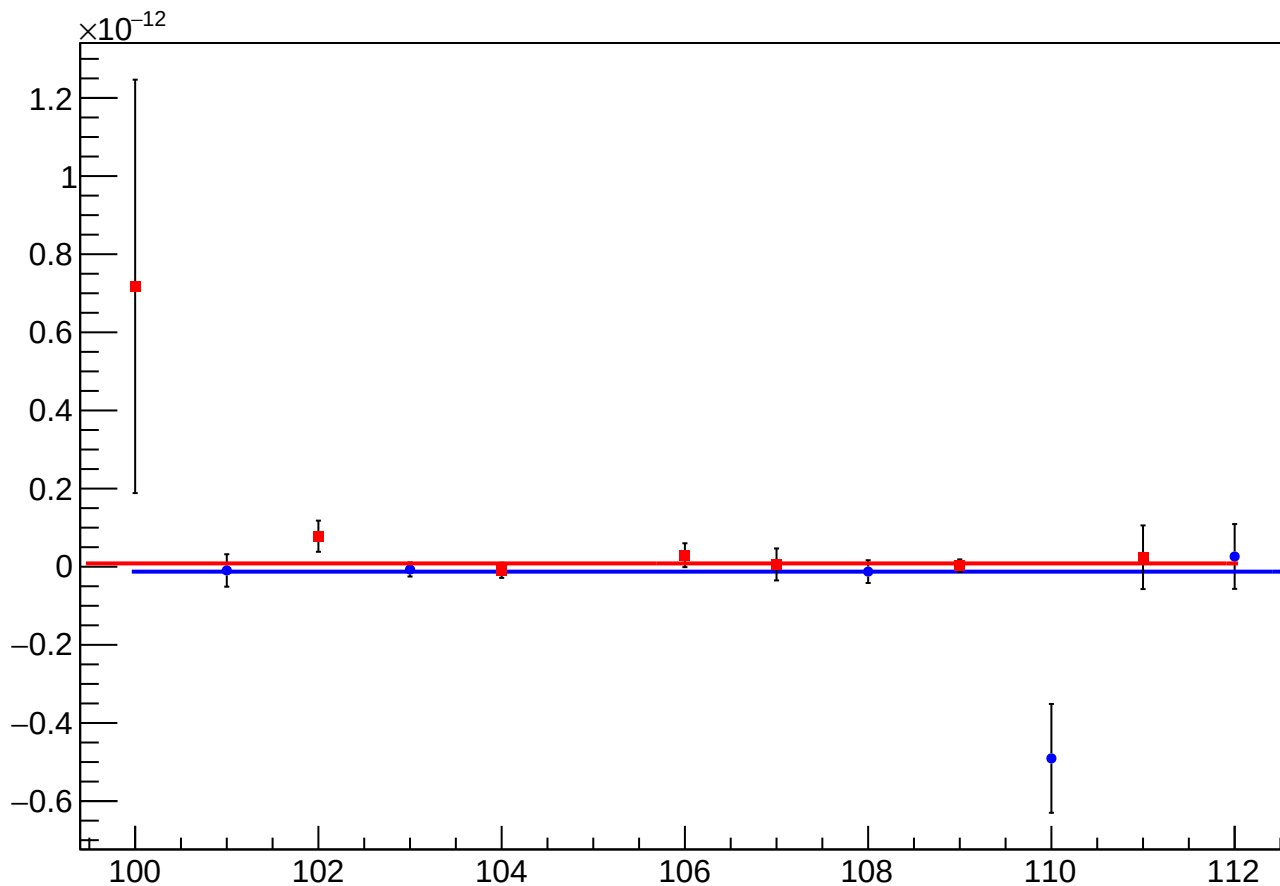
Right: 53.668+/-0.022 χ^2/NDF : 3346837.0/11

In: 56.294+/-0.031 χ^2/NDF : 1344543.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.668+/-0.022 χ^2/NDF : 3346837.0/11

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 : 12.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

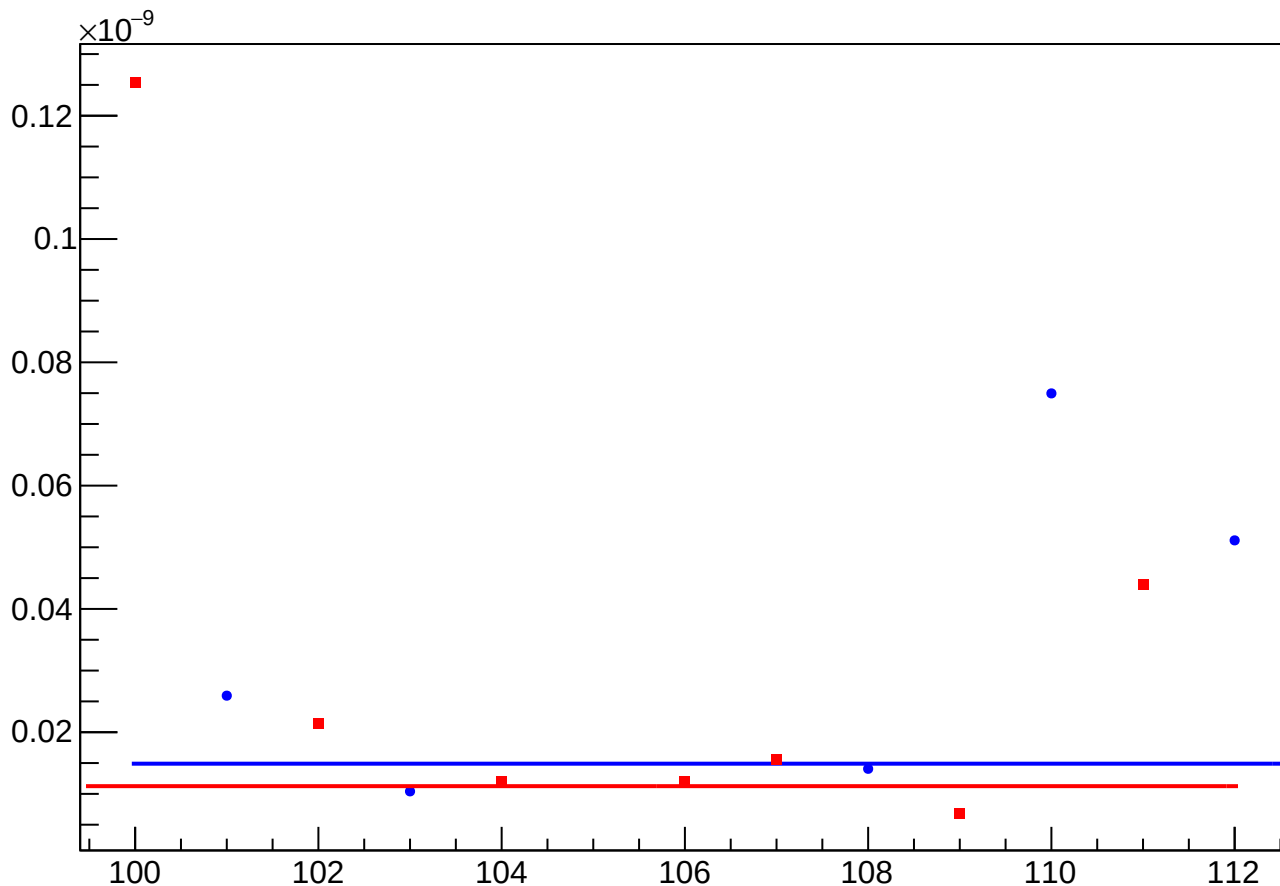
Right: 0.000+/-0.000 χ^2/NDF : 19.9/11

In: -0.000+/-0.000 χ^2/NDF : 12.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.9/11

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 : 1020004.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 726568.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

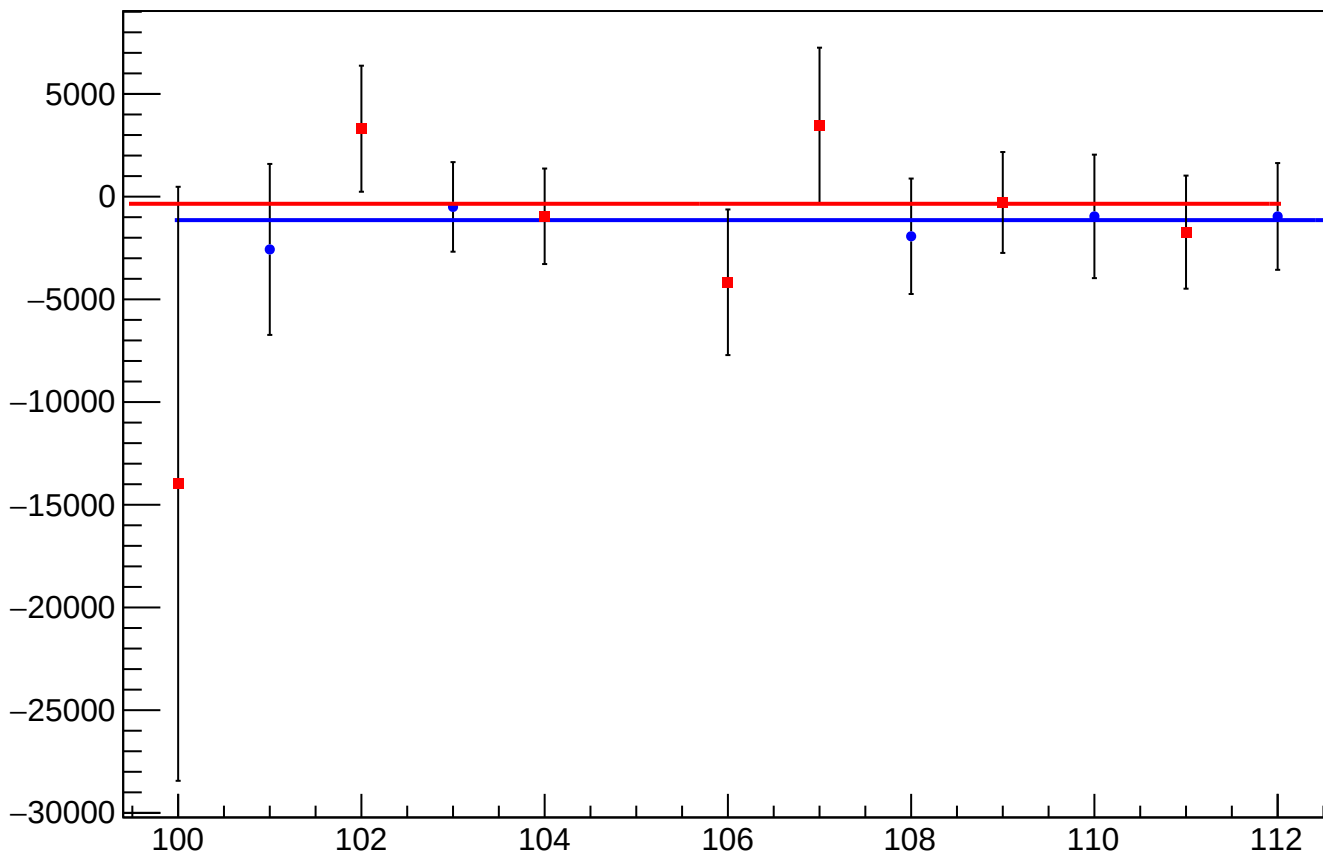
Right: 0.000+/-0.000 χ^2/NDF : 1832170.8/11

In: 0.000+/-0.000 χ^2/NDF : 1020004.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1832170.8/11

reg_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1142.941+/-1237.075 χ^2/NDF : 0.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -347.363+/-1160.094 χ^2/NDF : 4.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

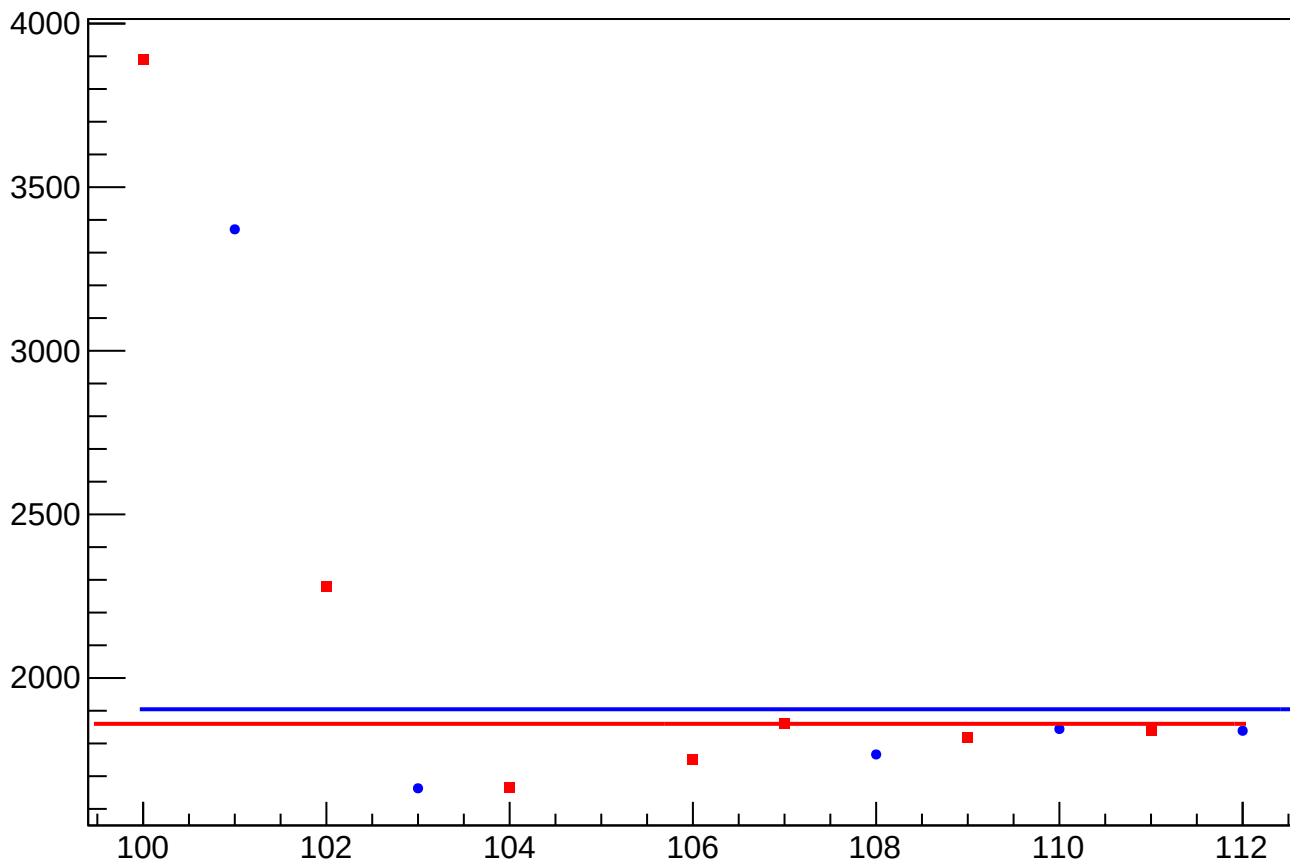
Right: -719.630+/-846.217 χ^2/NDF : 5.3/11

In: -1142.941+/-1237.075 χ^2/NDF : 0.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -719.630+/-846.217 χ^2/NDF : 5.3/11

reg_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1904.495+/-0.875 χ^2/NDF : 279821.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1860.006+/-0.820 χ^2/NDF : 93545.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

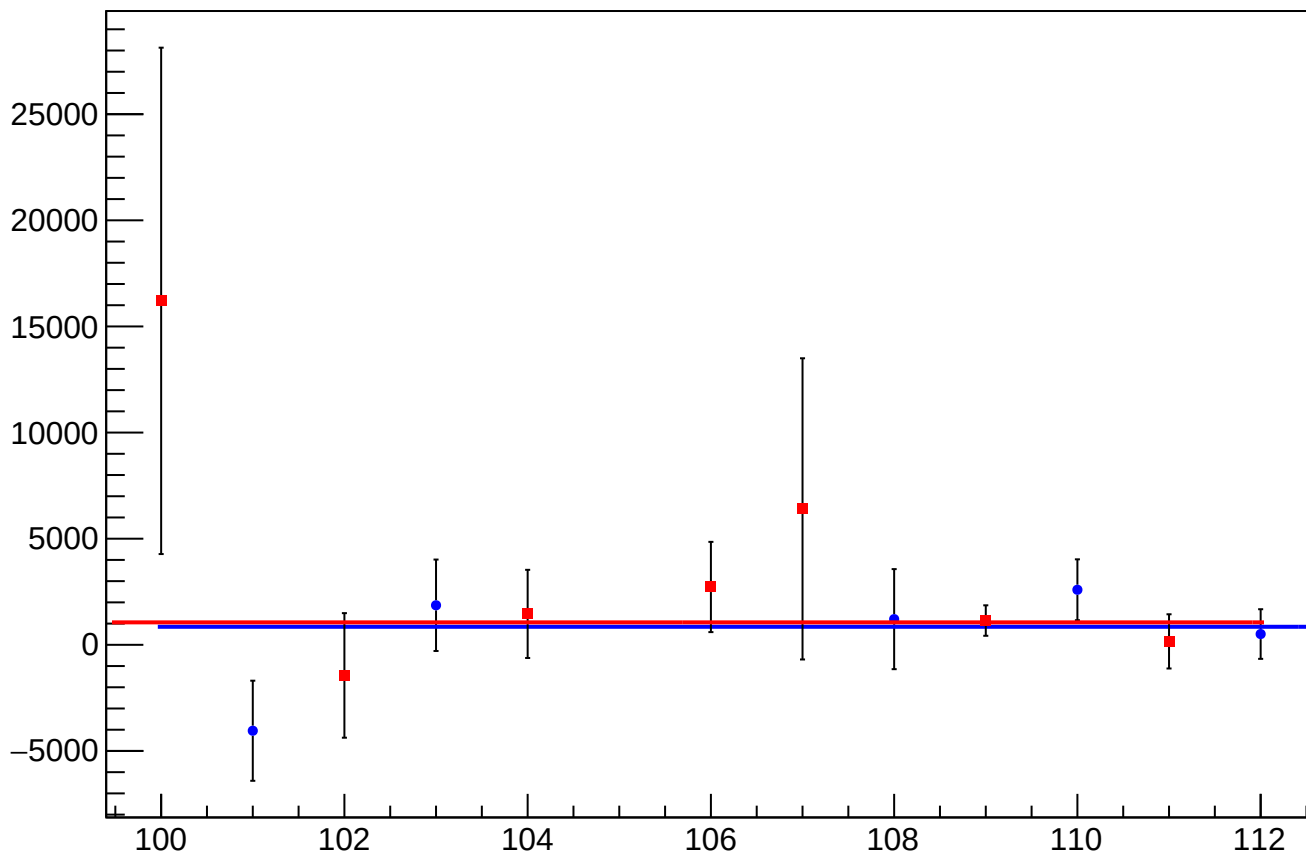
Right: 1880.823+/-0.598 χ^2/NDF : 374742.7/11

In: 1904.495+/-0.875 χ^2/NDF : 279821.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1880.823+/-0.598 χ^2/NDF : 374742.7/11

asym_us_dd_atlr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 849.786+/-746.803 χ^2/NDF : 6.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1058.041+/-563.440 χ^2/NDF : 4.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

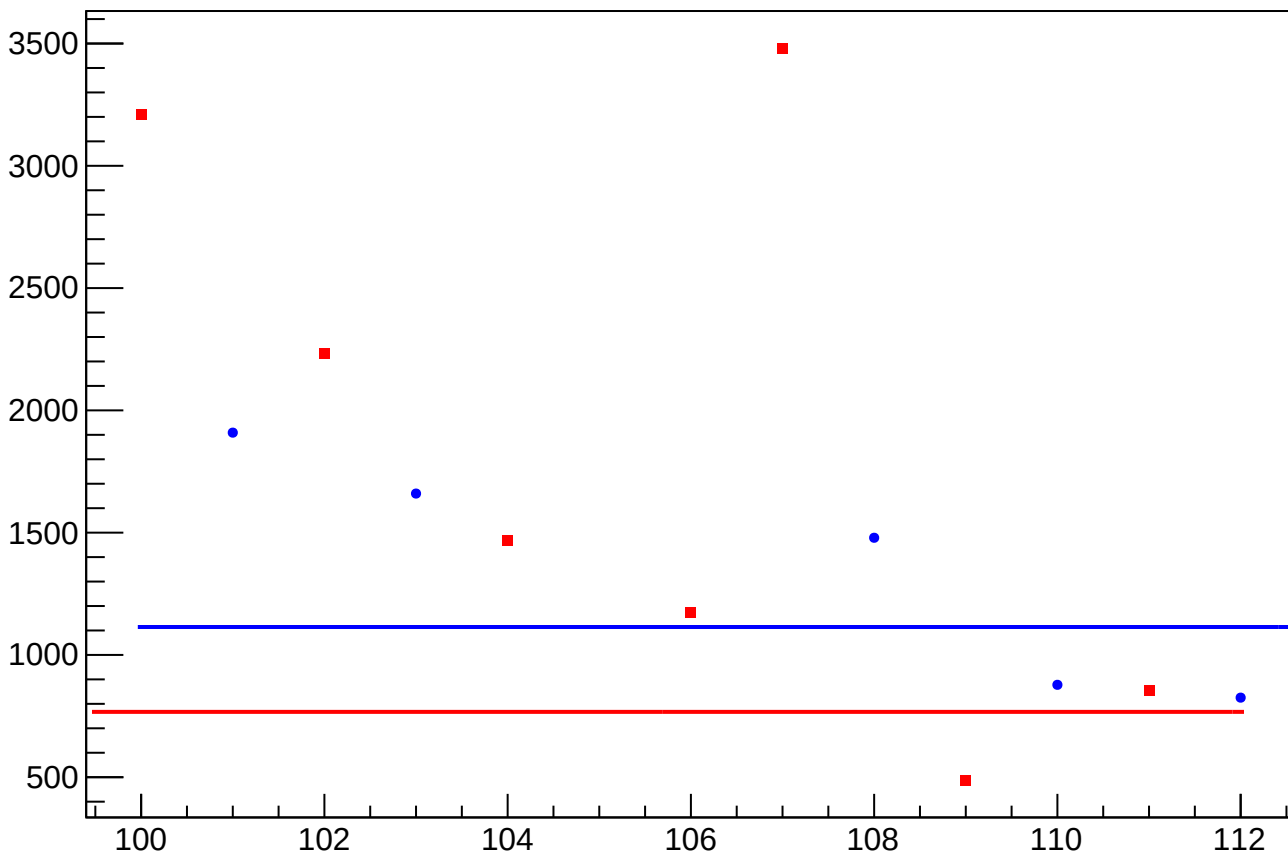
Right: 982.498+/-449.785 χ^2/NDF : 10.2/11

In: 849.786+/-746.803 χ^2/NDF : 6.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 982.498+/-449.785 χ^2/NDF : 10.2/11

asym_us_dd_atlr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1114.201+/-0.528 χ^2/NDF : 579834.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 767.189+/-0.398 χ^2/NDF : 1491448.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

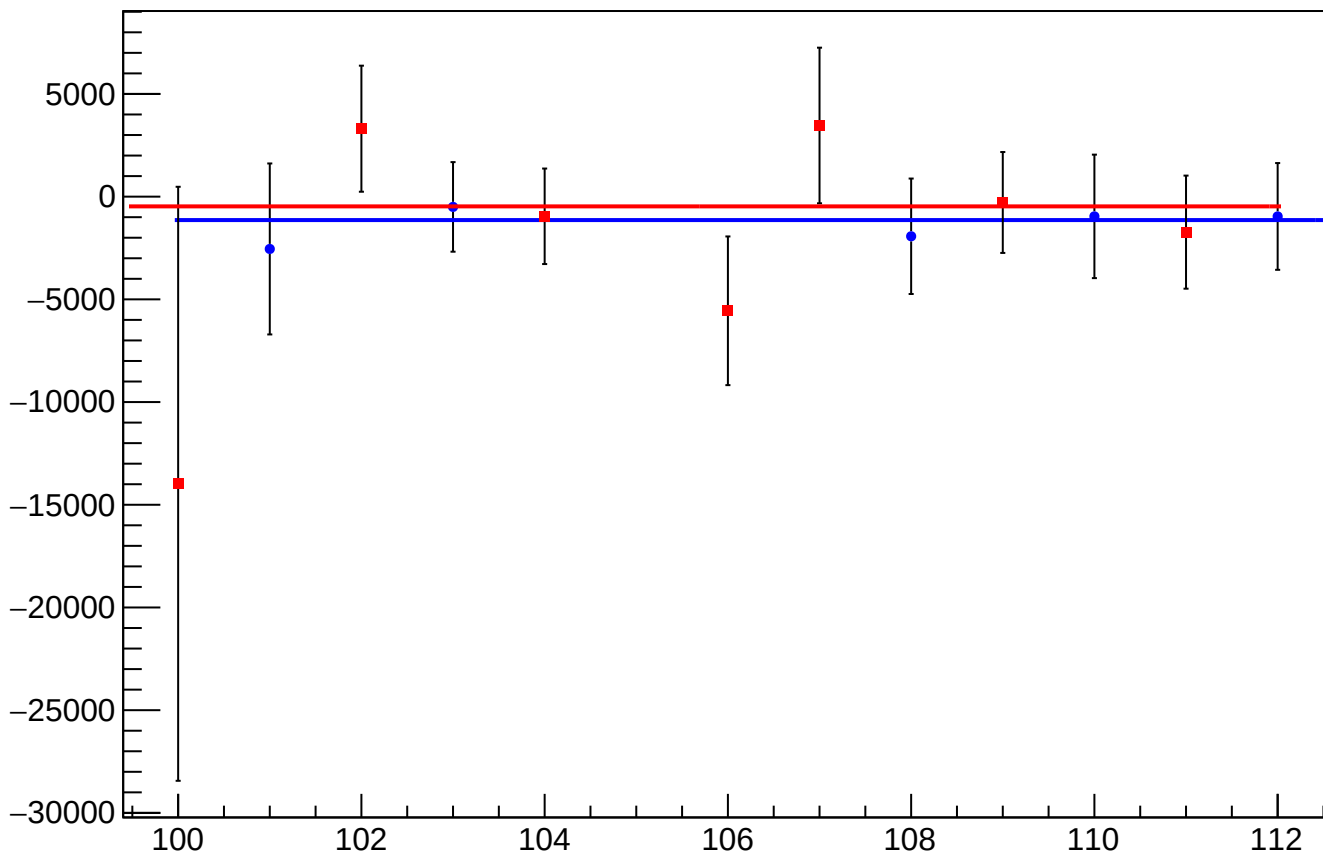
Right: 893.065+/-0.318 χ^2/NDF : 2346467.5/11

In: 1114.201+/-0.528 χ^2/NDF : 579834.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 893.065+/-0.318 χ^2/NDF : 2346467.5/11

cor_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1140.771+/-1237.077 χ^2/NDF : 0.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -473.952+/-1162.639 χ^2/NDF : 5.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

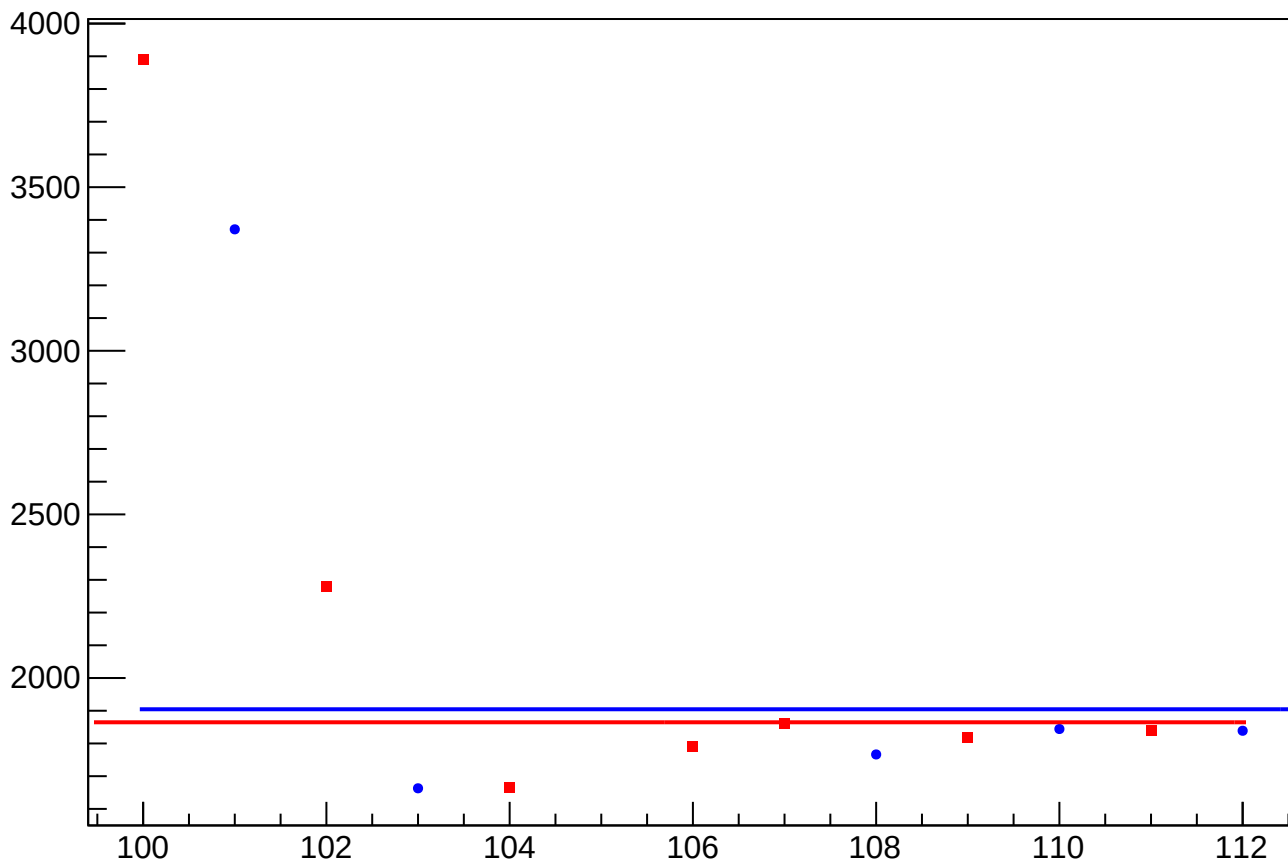
Right: -786.698+/-847.204 χ^2/NDF : 6.1/11

In: -1140.771+/-1237.077 χ^2/NDF : 0.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -786.698+/-847.204 χ^2/NDF : 6.1/11

cor_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1904.495+/-0.875 χ^2/NDF : 279823.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1864.705+/-0.822 χ^2/NDF : 92324.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

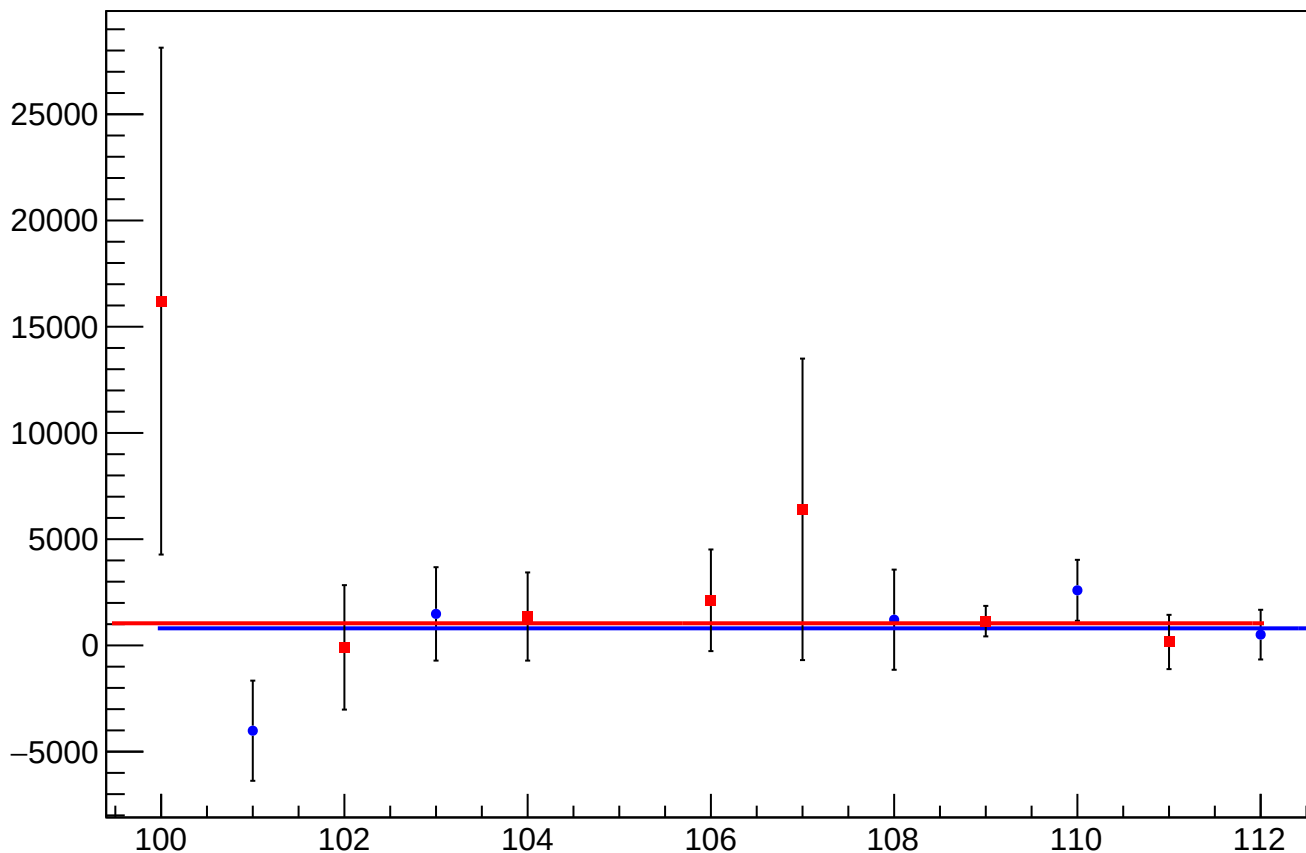
Right: 1883.367+/-0.599 χ^2/NDF : 373246.1/11

In: 1904.495+/-0.875 χ^2/NDF : 279823.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1883.367+/-0.599 χ^2/NDF : 373246.1/11

asym_us_dd_atlr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 803.693+/-748.574 χ^2/NDF : 5.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1041.805+/-567.549 χ^2/NDF : 3.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

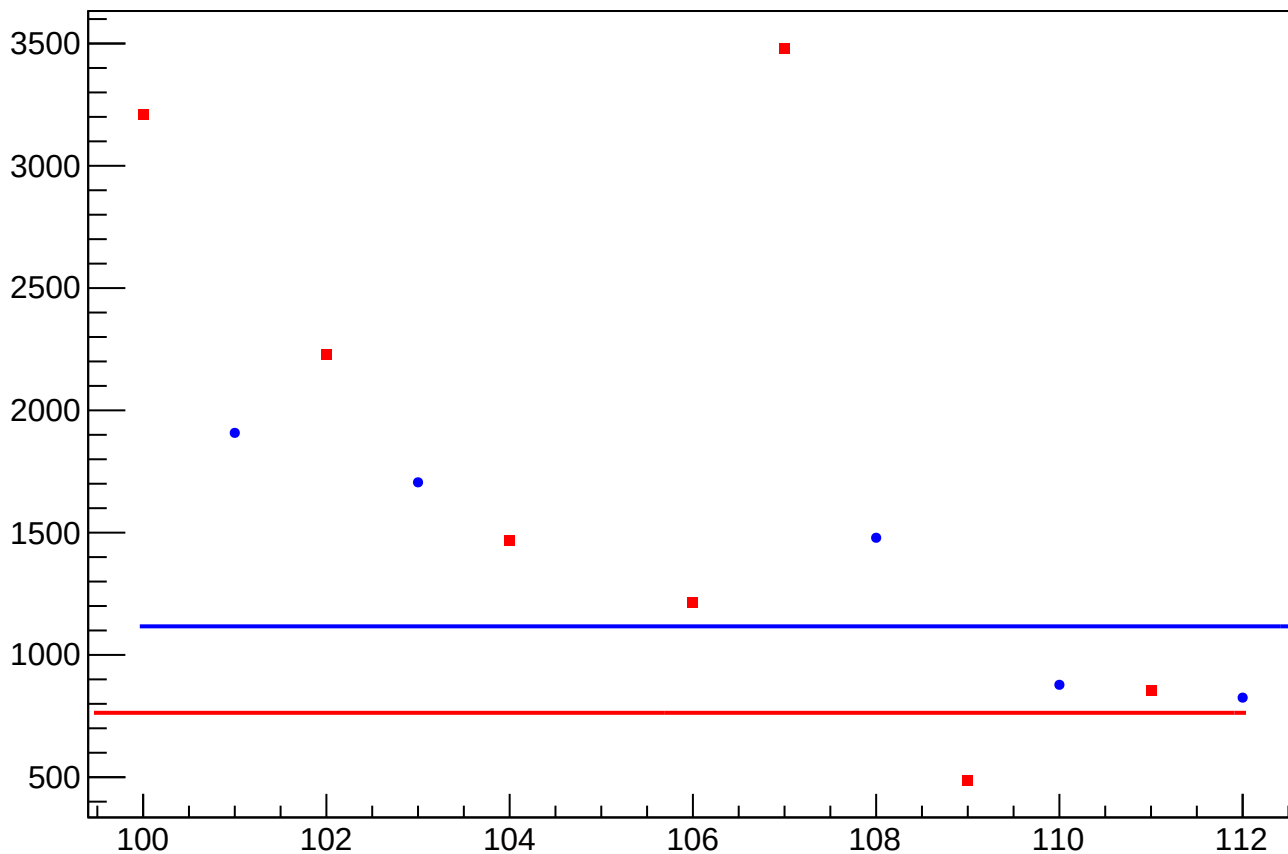
Right: 954.892+/-452.259 χ^2/NDF : 9.1/11

In: 803.693+/-748.574 χ^2/NDF : 5.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 954.892+/-452.259 χ^2/NDF : 9.1/11

asym_us_dd_atlr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1116.854+/-0.529 χ^2/NDF : 595950.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 763.300+/-0.401 χ^2/NDF : 1486209.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

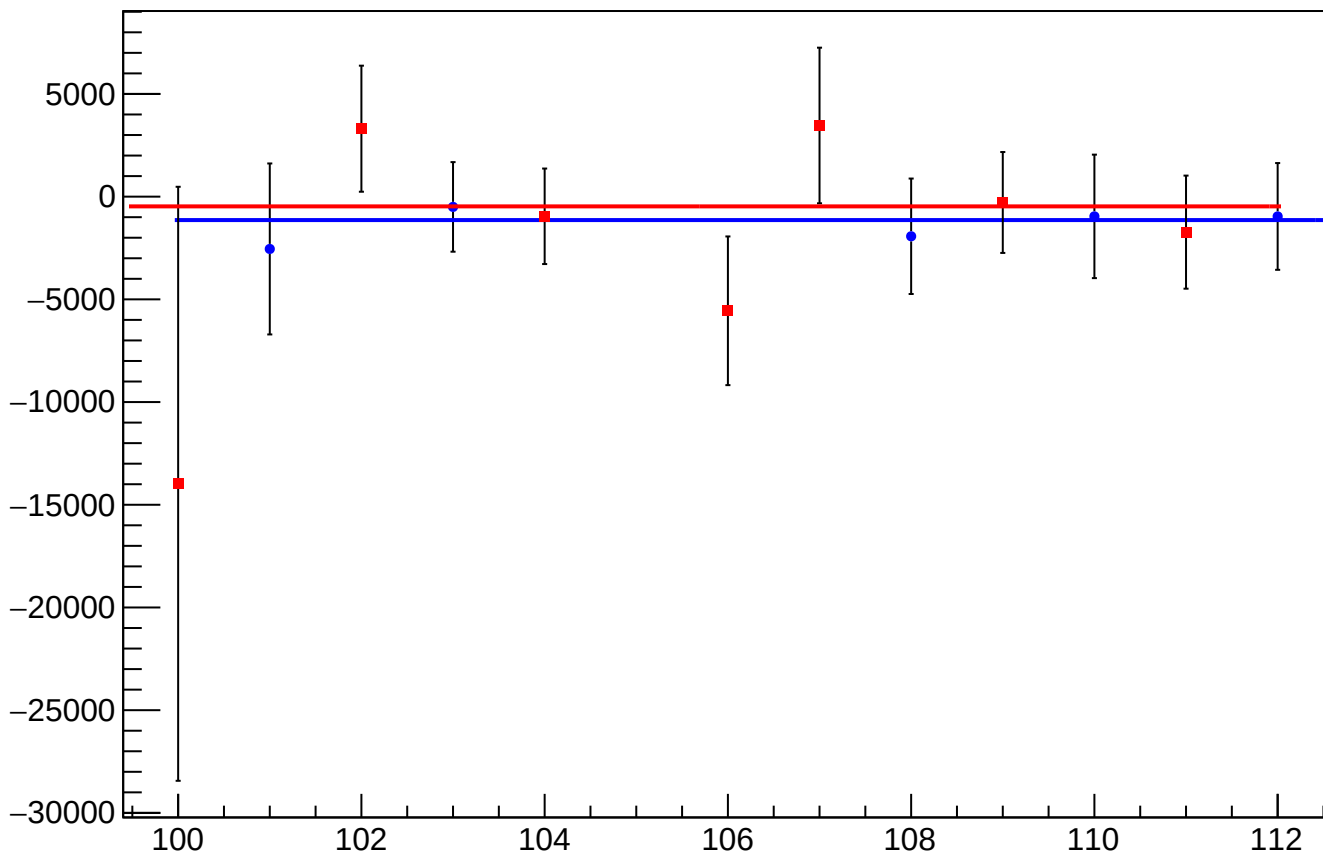
Right: 892.351+/-0.320 χ^2/NDF : 2365453.2/11

In: 1116.854+/-0.529 χ^2/NDF : 595950.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 892.351+/-0.320 χ^2/NDF : 2365453.2/11

eigen_cor_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1140.771+/-1237.077 χ^2/NDF : 0.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -473.952+/-1162.639 χ^2/NDF : 5.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

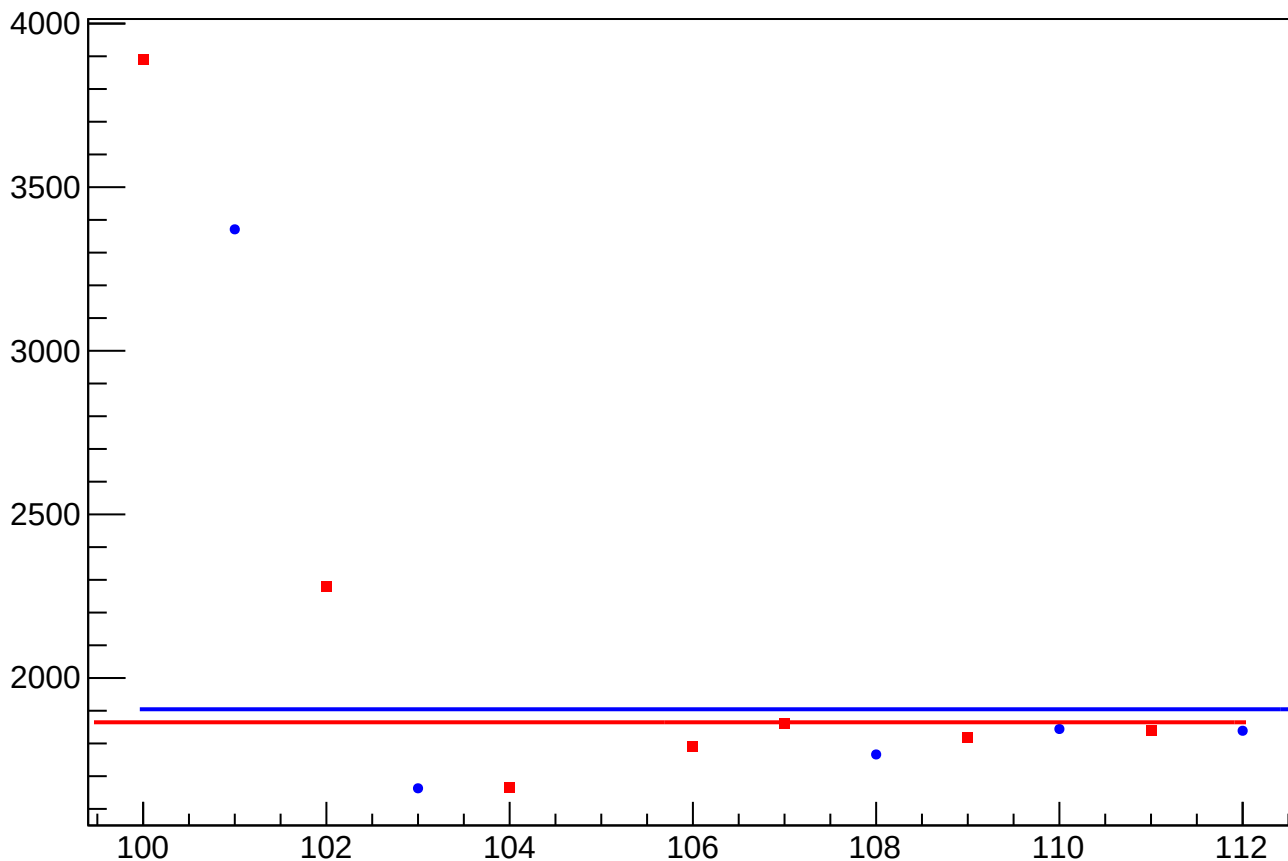
Right: -786.698+/-847.204 χ^2/NDF : 6.1/11

In: -1140.771+/-1237.077 χ^2/NDF : 0.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -786.698+/-847.204 χ^2/NDF : 6.1/11

eigen_cor_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1904.495+/-0.875 χ^2/NDF : 279823.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1864.705+/-0.822 χ^2/NDF : 92324.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

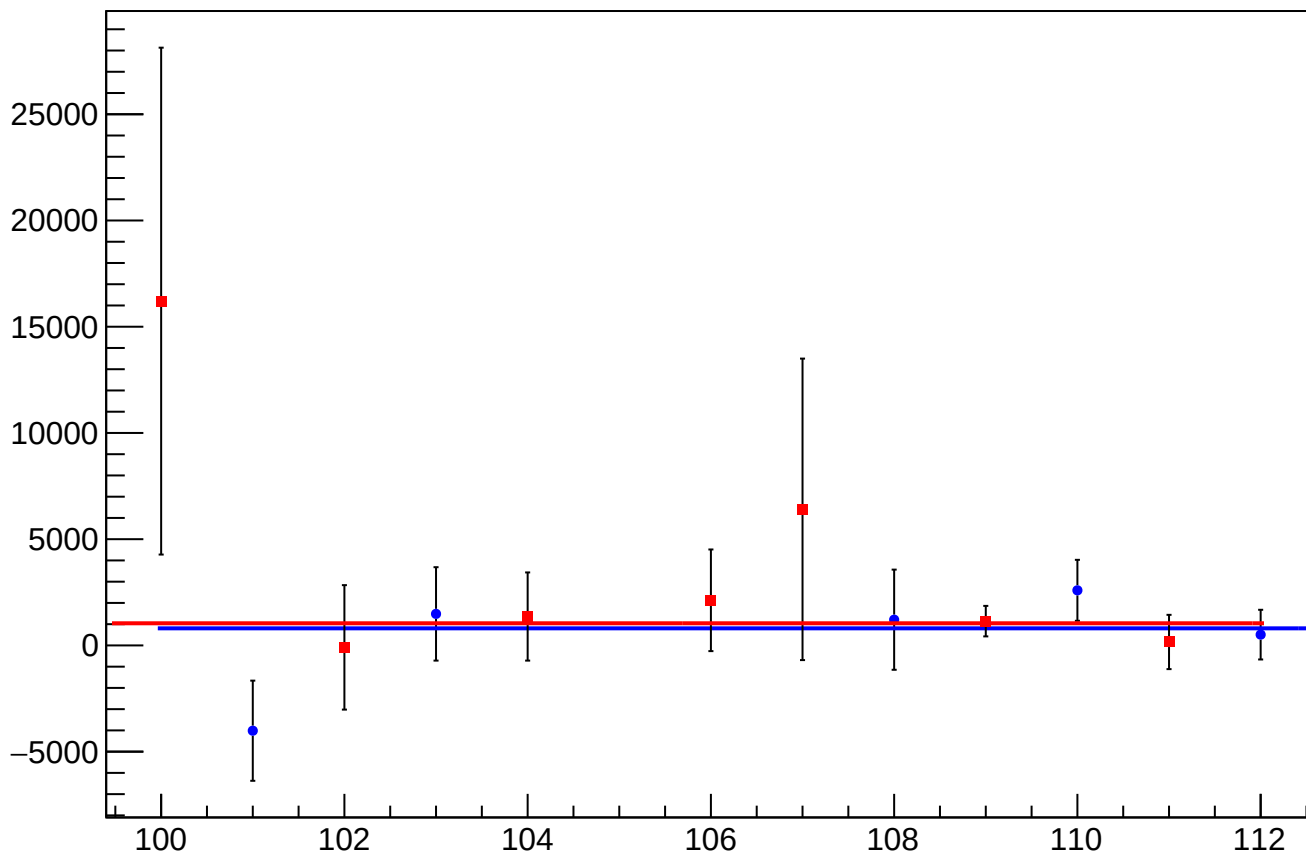
Right: 1883.367+/-0.599 χ^2/NDF : 373246.1/11

In: 1904.495+/-0.875 χ^2/NDF : 279823.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1883.367+/-0.599 χ^2/NDF : 373246.1/11

asym_us_dd_atlr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 803.693+/-748.574 χ^2/NDF : 5.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1041.805+/-567.549 χ^2/NDF : 3.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

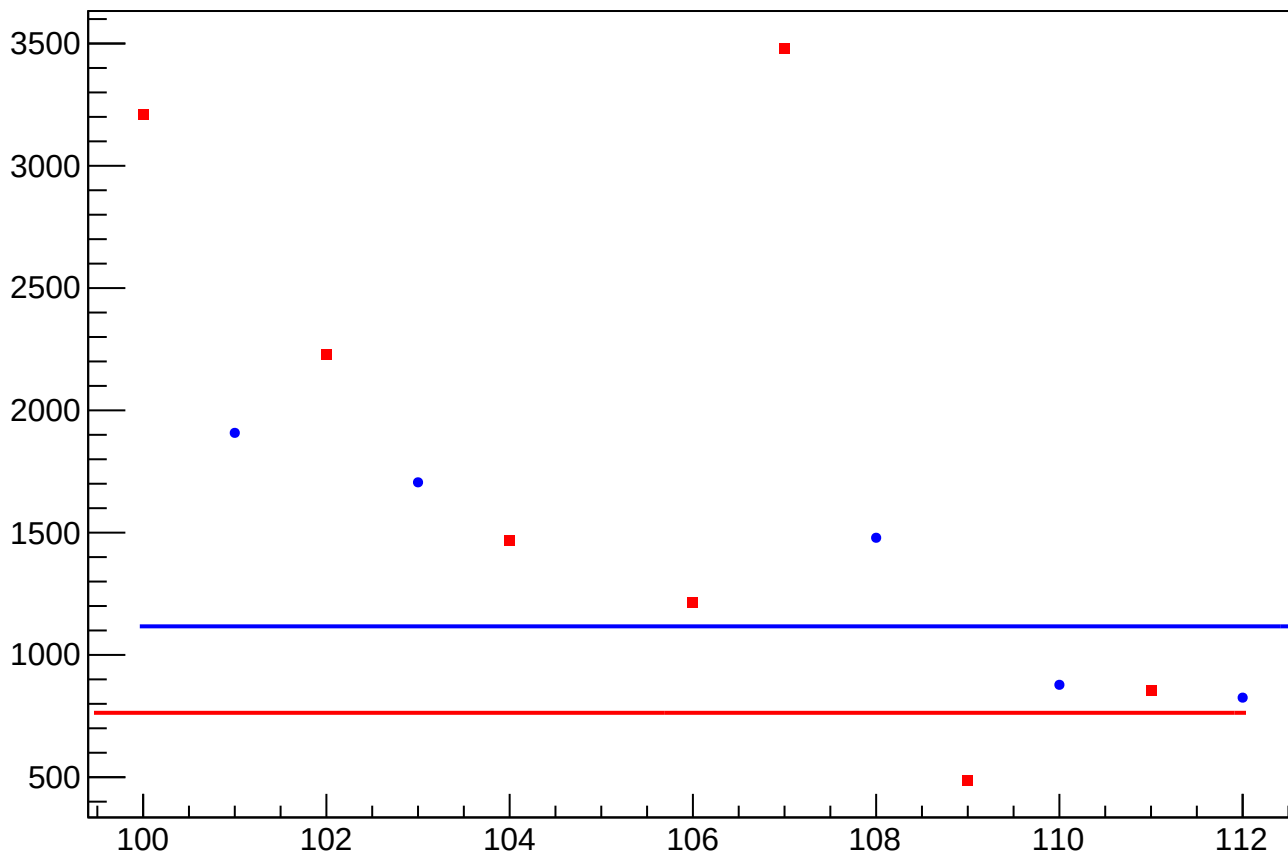
Right: 954.892+/-452.259 χ^2/NDF : 9.1/11

In: 803.693+/-748.574 χ^2/NDF : 5.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 954.892+/-452.259 χ^2/NDF : 9.1/11

asym_us_dd_atlr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1116.854+/-0.529 χ^2/NDF : 595950.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 763.300+/-0.401 χ^2/NDF : 1486209.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

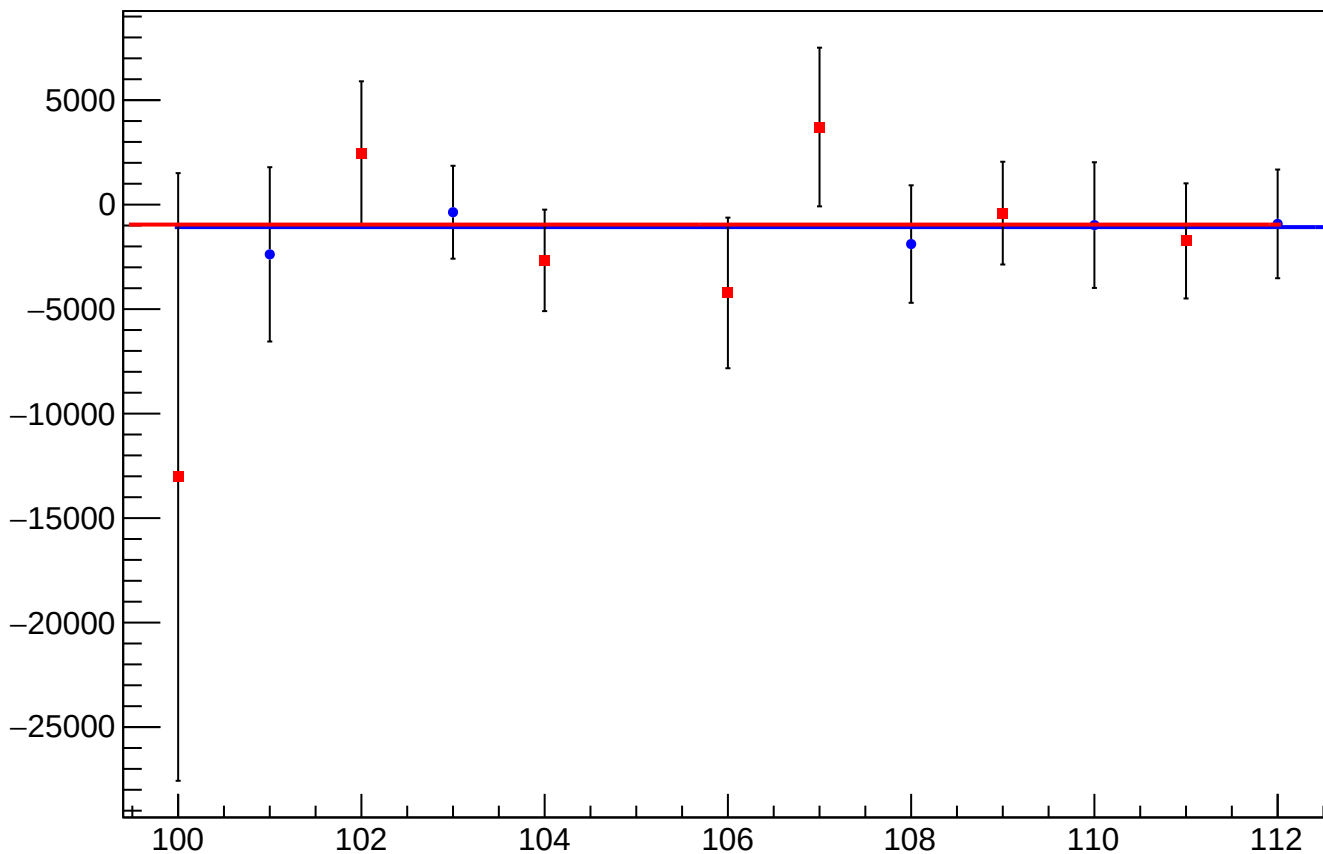
Right: 892.351+/-0.320 χ^2/NDF : 2365453.2/11

In: 1116.854+/-0.529 χ^2/NDF : 595950.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 892.351+/-0.320 χ^2/NDF : 2365453.2/11

dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1075.721+/-1245.294 χ^2/NDF : 0.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -954.019+/-1193.113 χ^2/NDF : 4.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

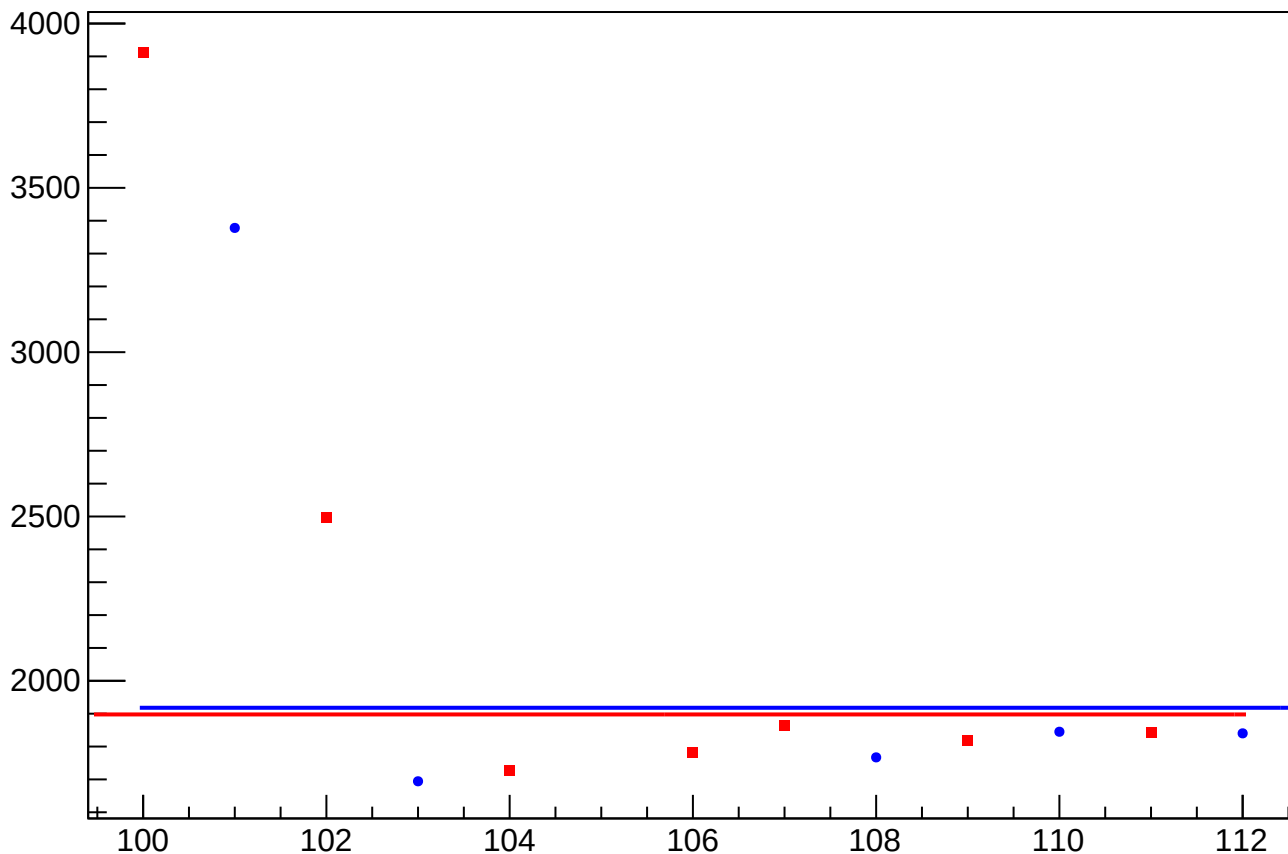
Right: -1012.267+/-861.515 χ^2/NDF : 4.9/11

In: -1075.721+/-1245.294 χ^2/NDF : 0.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1012.267+/-861.515 χ^2/NDF : 4.9/11

dit_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1918.004+/-0.881 χ^2/NDF : 274134.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1897.694+/-0.844 χ^2/NDF : 113969.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

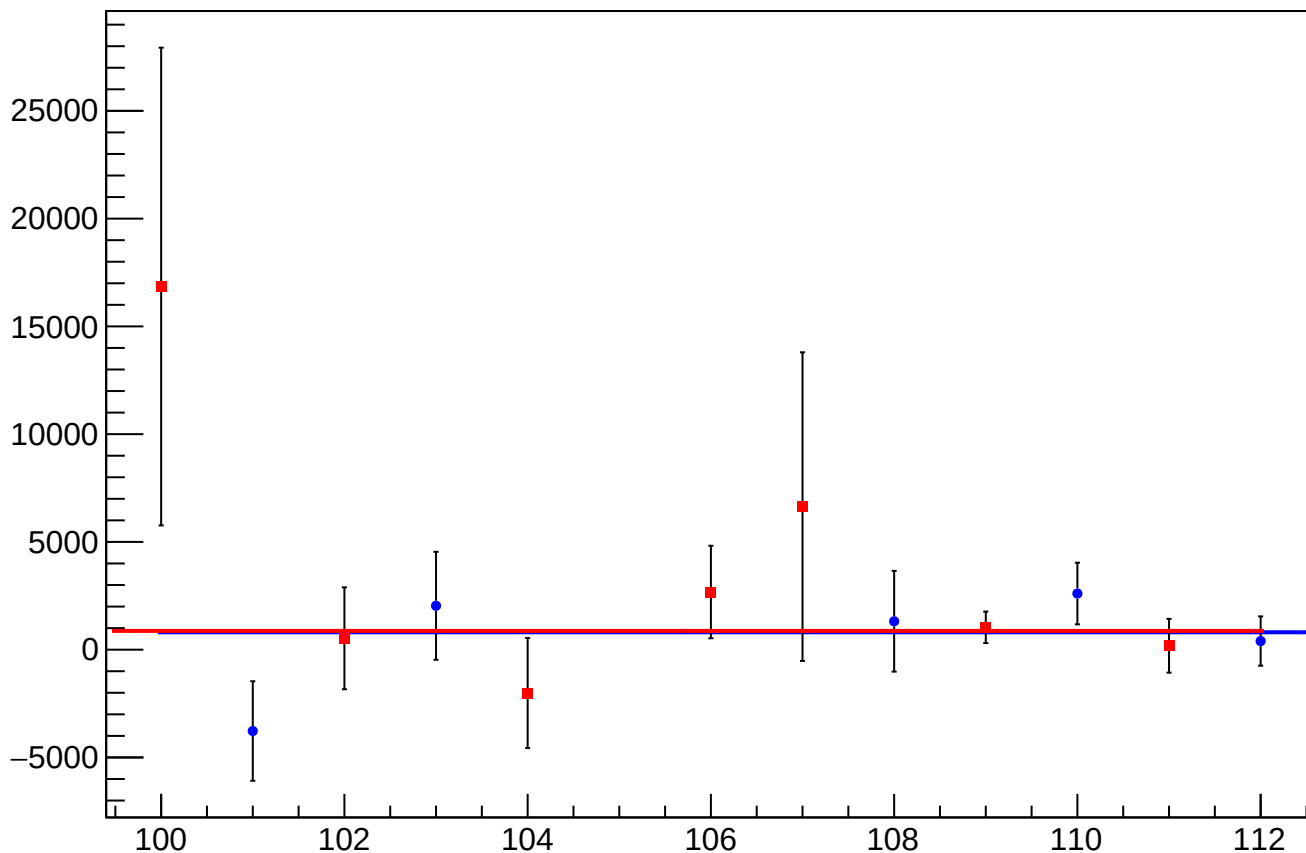
Right: 1907.414+/-0.609 χ^2/NDF : 388381.9/11

In: 1918.004+/-0.881 χ^2/NDF : 274134.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1907.414+/-0.609 χ^2/NDF : 388381.9/11

asym_us_dd_atlr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 806.650 $\pm$ 748.732 χ^2 /NDF: 5.9/4

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 871.478 $\pm$ -568.638 χ^2 /NDF: 5.1/6

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

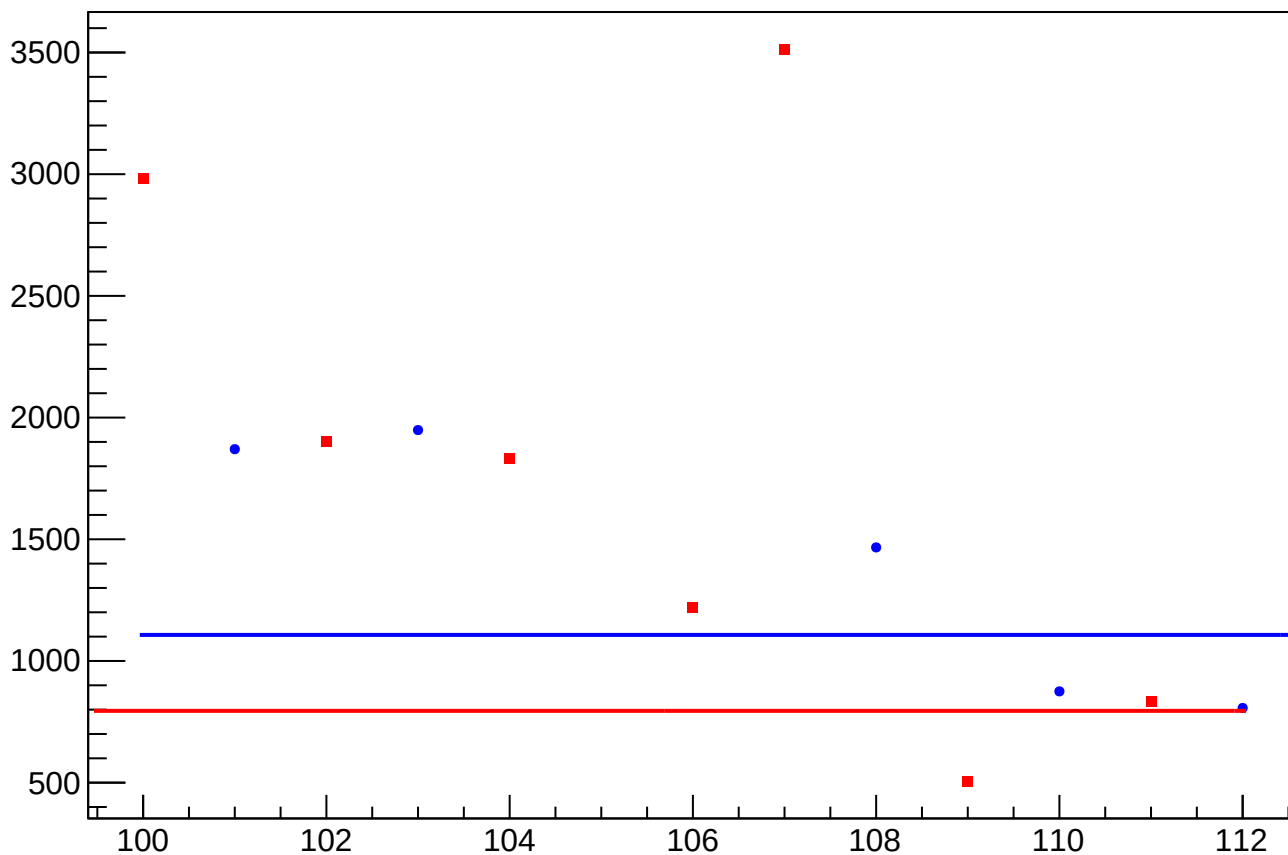
Right: 847.764 $\pm$ -452.844 χ^2 /NDF: 11.0/11

In: 806.650 $\pm$ -748.732 χ^2 /NDF:5.9/4

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 847.764 $\pm$ -452.844 χ^2 /NDF: 11.0/11

asym_us_dd_atlr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1107.079+/-0.529 χ^2/NDF : 681926.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 794.995+/-0.402 χ^2/NDF : 1533192.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

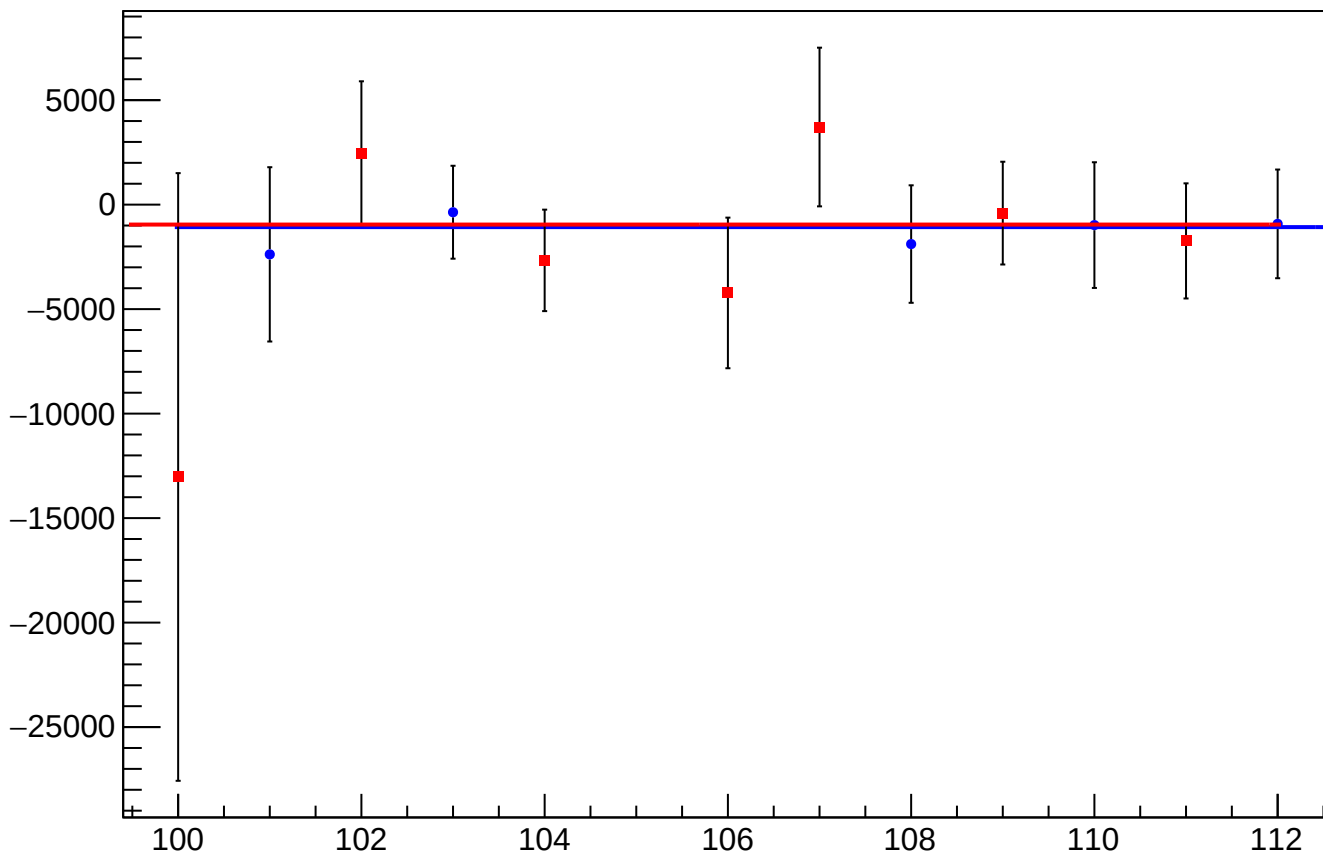
Right: 909.156+/-0.320 χ^2/NDF : 2435487.0/11

In: 1107.079+/-0.529 χ^2/NDF : 681926.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 909.156+/-0.320 χ^2/NDF : 2435487.0/11

eigen_dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1075.720+/-1245.294 χ^2/NDF : 0.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -954.021+/-1193.113 χ^2/NDF : 4.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

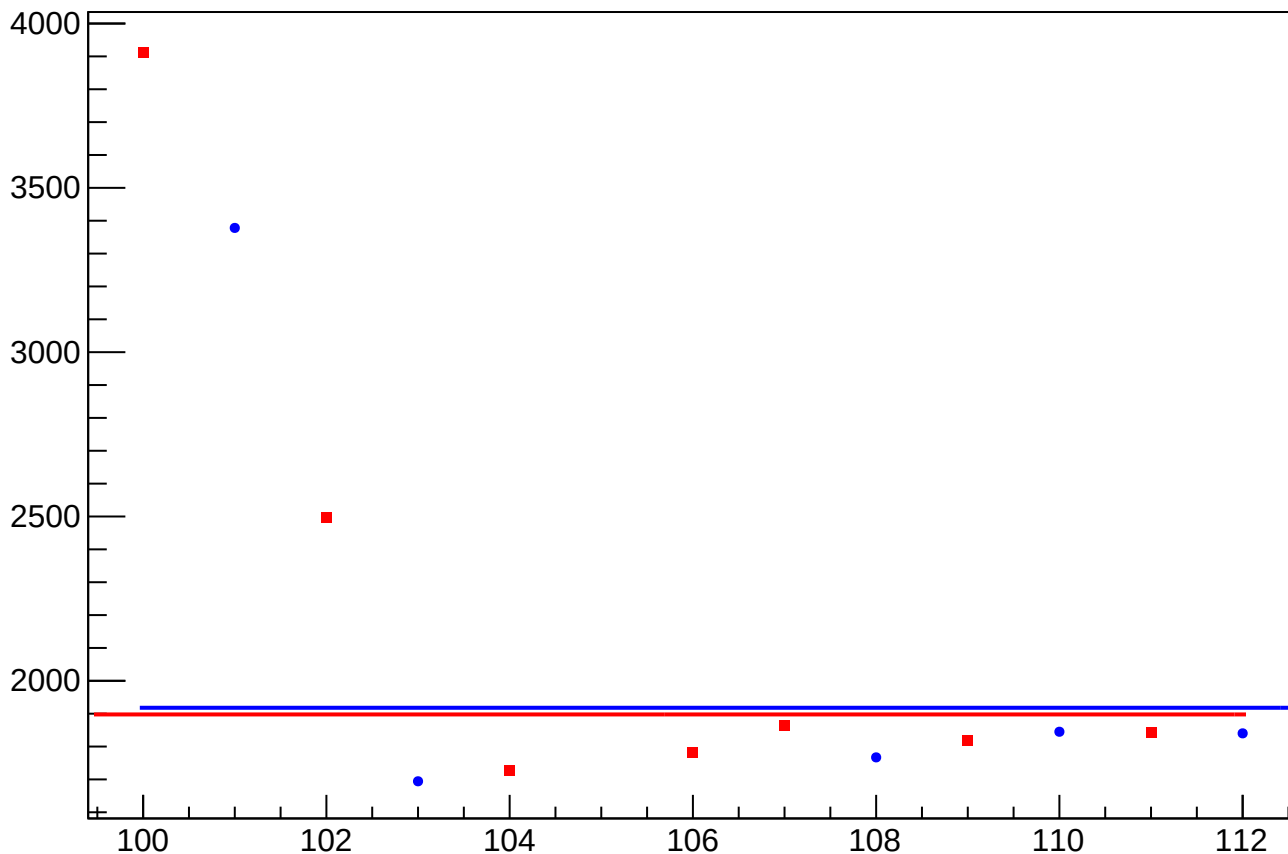
Right: -1012.267+/-861.515 χ^2/NDF : 4.9/11

In: -1075.720+/-1245.294 χ^2/NDF : 0.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1012.267+/-861.515 χ^2/NDF : 4.9/11

eigen_dit_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1918.004+/-0.881 χ^2/NDF : 274134.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1897.694+/-0.844 χ^2/NDF : 113969.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

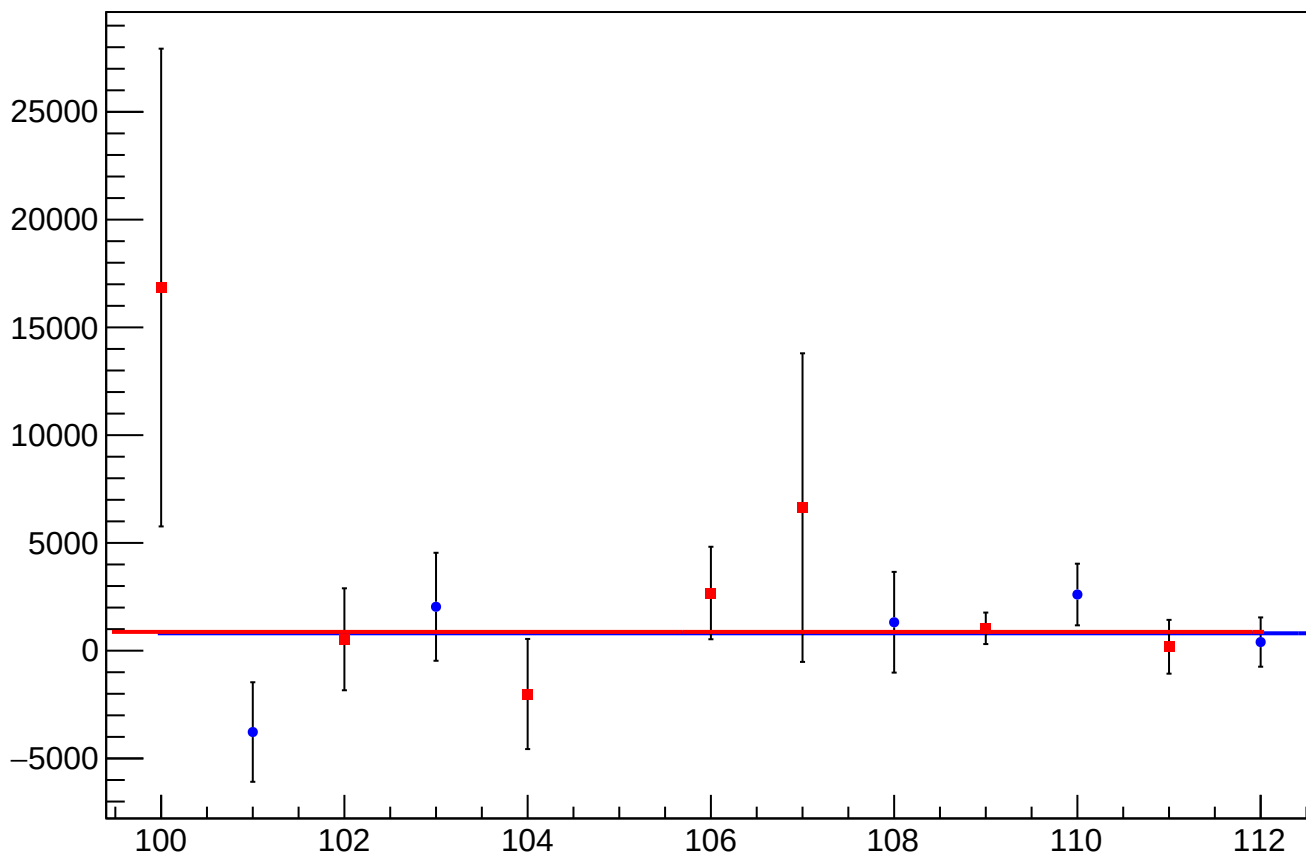
Right: 1907.414+/-0.609 χ^2/NDF : 388381.8/11

In: 1918.004+/-0.881 χ^2/NDF : 274134.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1907.414+/-0.609 χ^2/NDF : 388381.8/11

asym_us_dd_atlr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 806.648+/-748.727 χ^2/NDF : 5.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 871.475+/-568.637 χ^2/NDF : 5.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

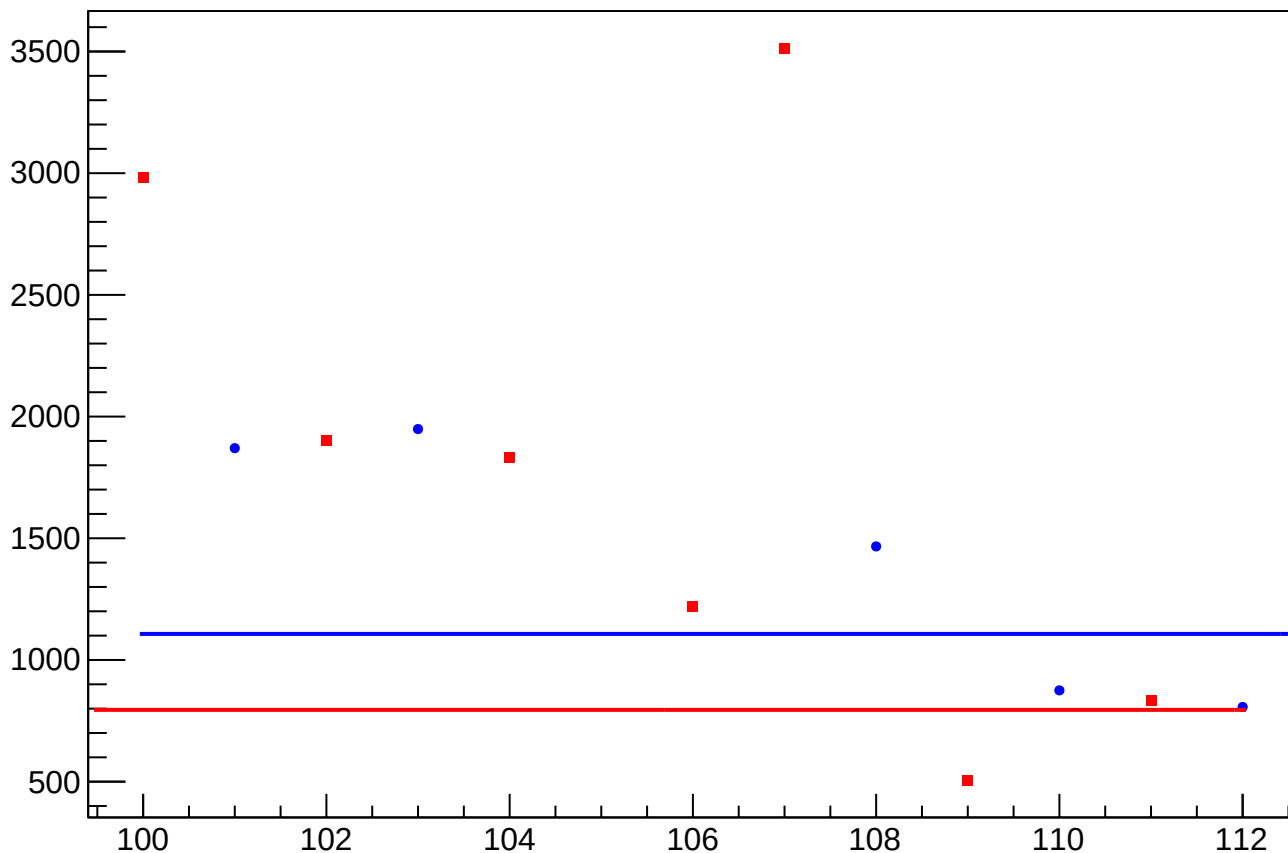
Right: 847.761+/-452.843 χ^2/NDF : 11.0/11

In: 806.648+/-748.727 χ^2/NDF : 5.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 847.761+/-452.843 χ^2/NDF : 11.0/11

asym_us_dd_atlr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1107.071+/-0.529 χ^2/NDF : 681937.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 794.995+/-0.402 χ^2/NDF : 1533187.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

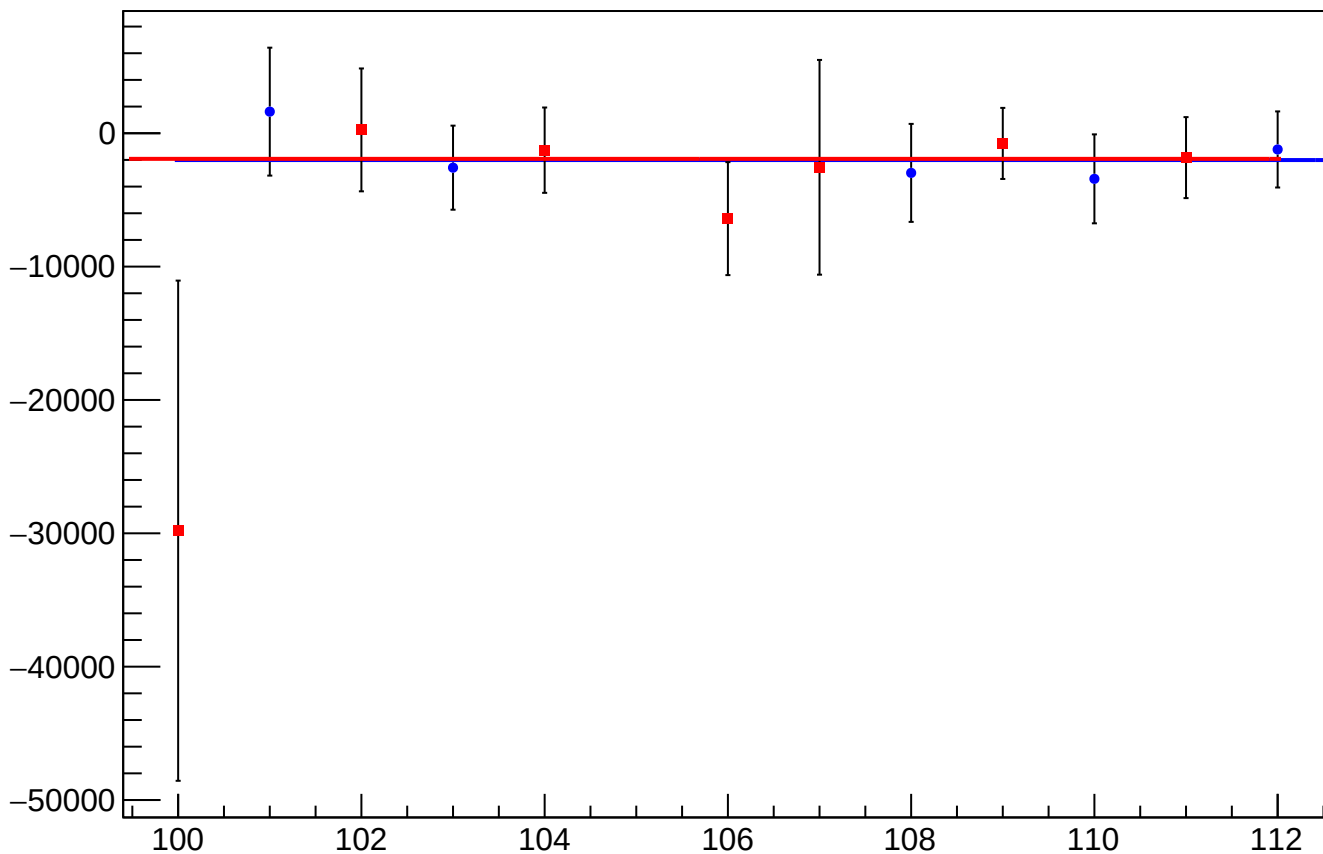
Right: 909.153+/-0.320 χ^2/NDF : 2435482.5/11

In: 1107.071+/-0.529 χ^2/NDF : 681937.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 909.153+/-0.320 χ^2/NDF : 2435482.5/11

asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -2010.551+/-1523.333 χ^2/NDF : 0.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1920.544+/-1461.678 χ^2/NDF : 3.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

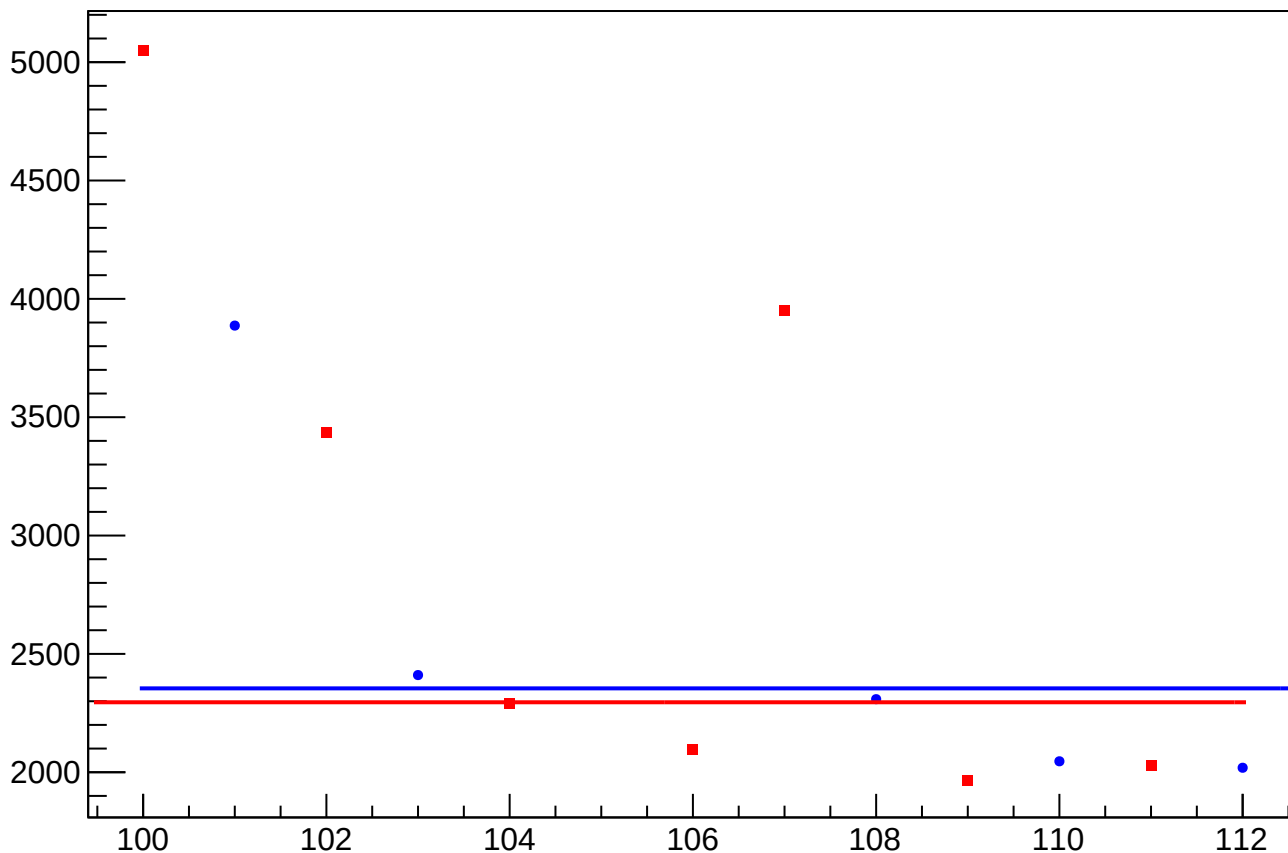
Right: -1963.689+/-1054.686 χ^2/NDF : 4.7/11

In: -2010.551+/-1523.333 χ^2/NDF : 0.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1963.689+/-1054.686 χ^2/NDF : 4.7/11

asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2354.358+/-1.077 χ^2/NDF : 249846.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2295.606+/-1.034 χ^2/NDF : 300473.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

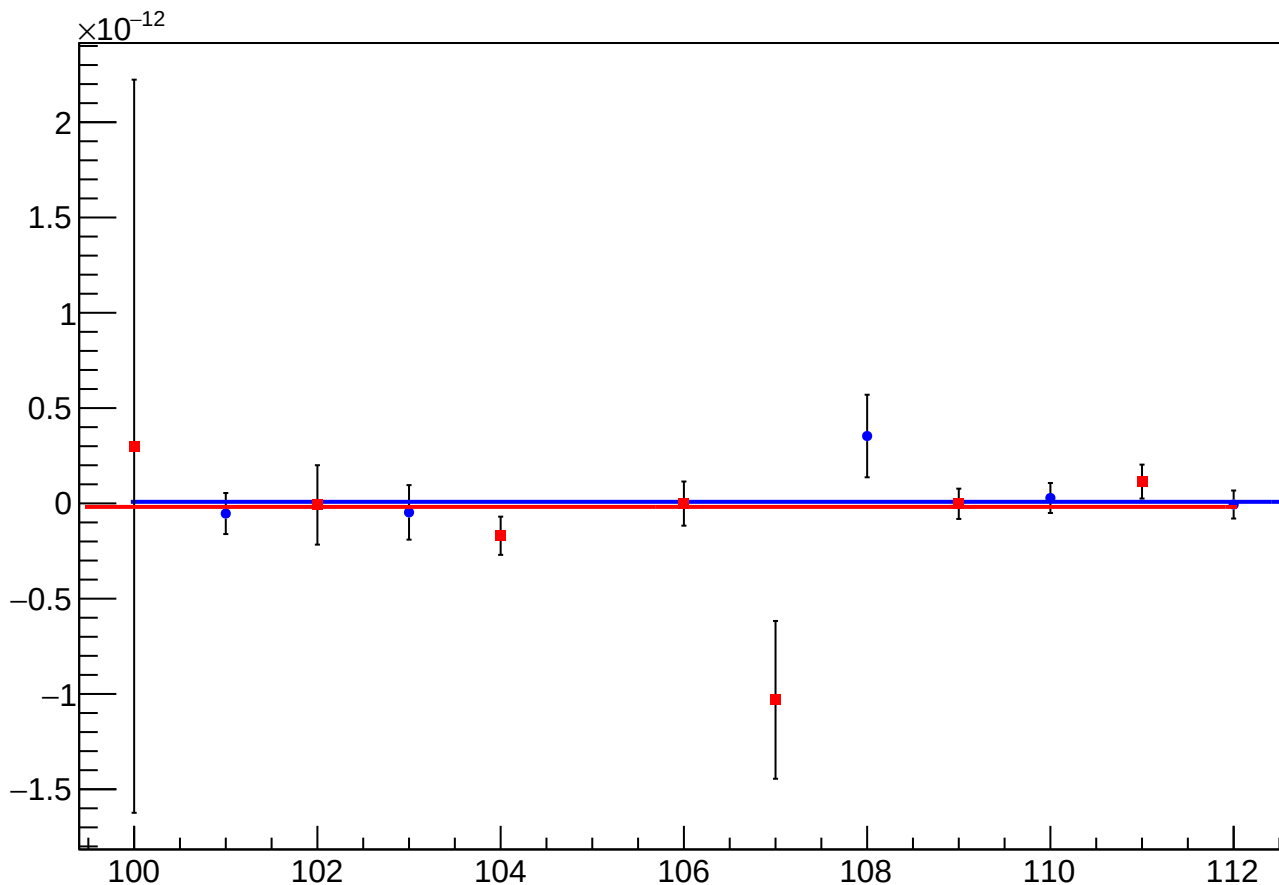
Right: 2323.769+/-0.746 χ^2/NDF : 551869.1/11

In: 2354.358+/-1.077 χ^2/NDF : 249846.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2323.769+/-0.746 χ^2/NDF : 551869.1/11

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

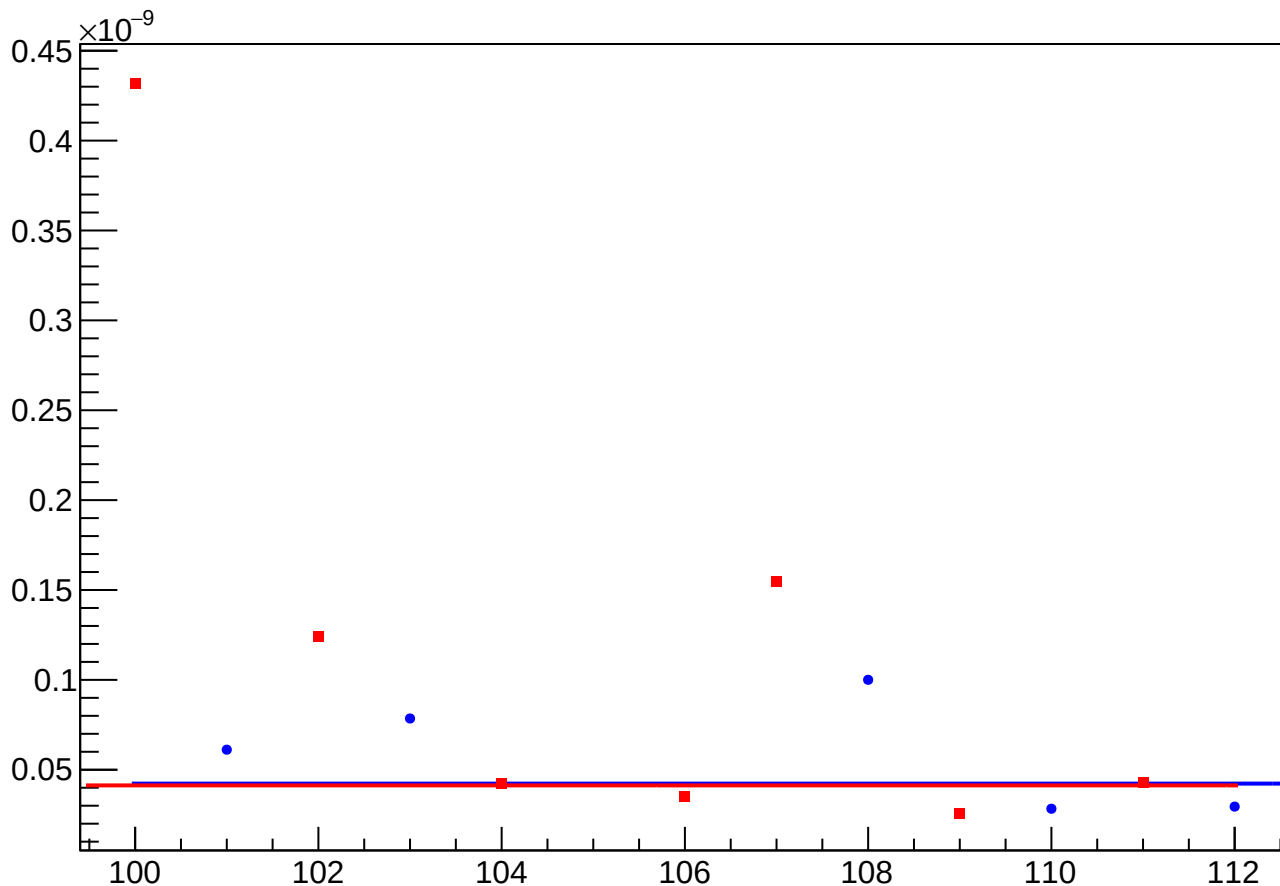
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.9/11

In: 0.000 $\pm$ 0.000 χ^2 /NDF:3.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.9/11

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 455522.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 632947.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

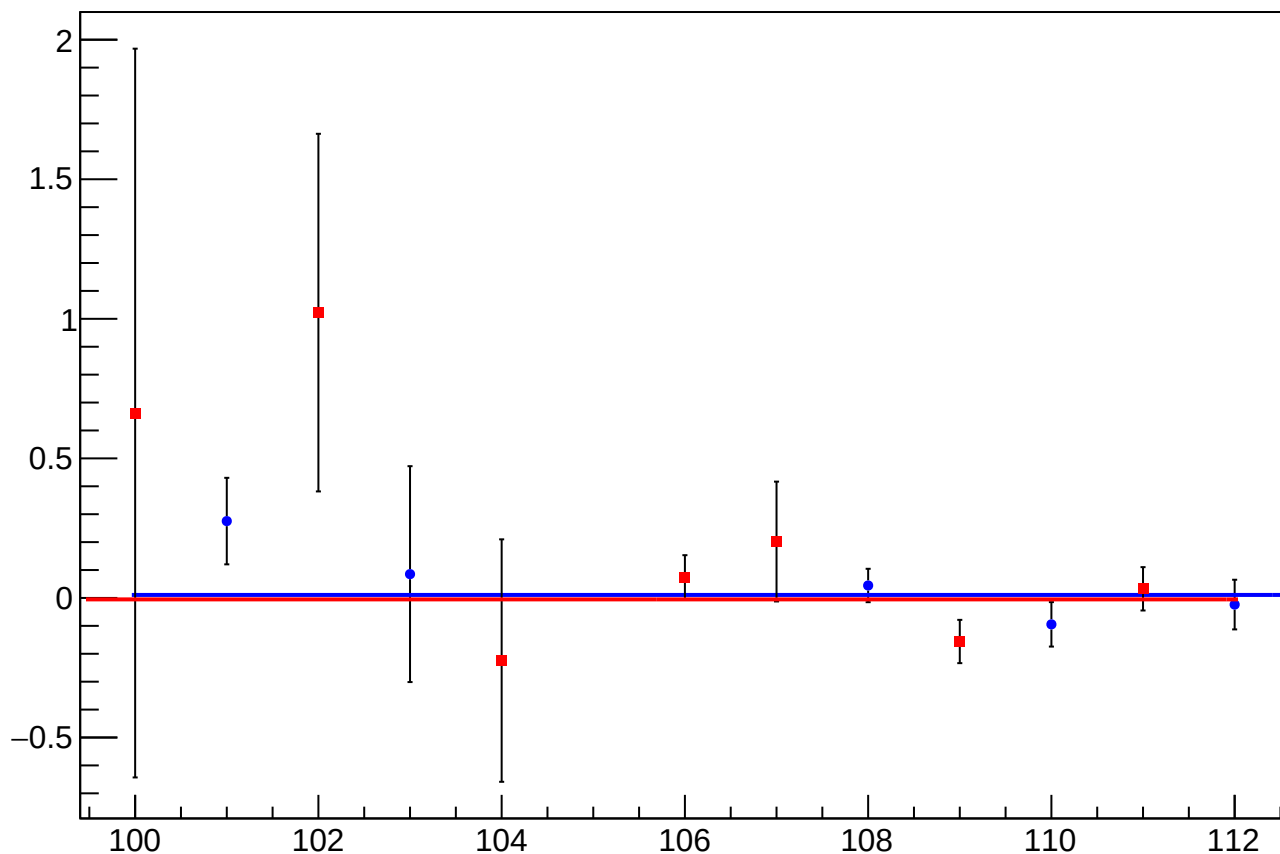
Right: 0.000+/-0.000 χ^2/NDF : 1088967.5/11

In: 0.000+/-0.000 χ^2/NDF : 455522.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1088967.5/11

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011 $\pm$ 0.040 χ^2 /NDF: 5.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.005 $\pm$ 0.044 χ^2 /NDF: 9.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

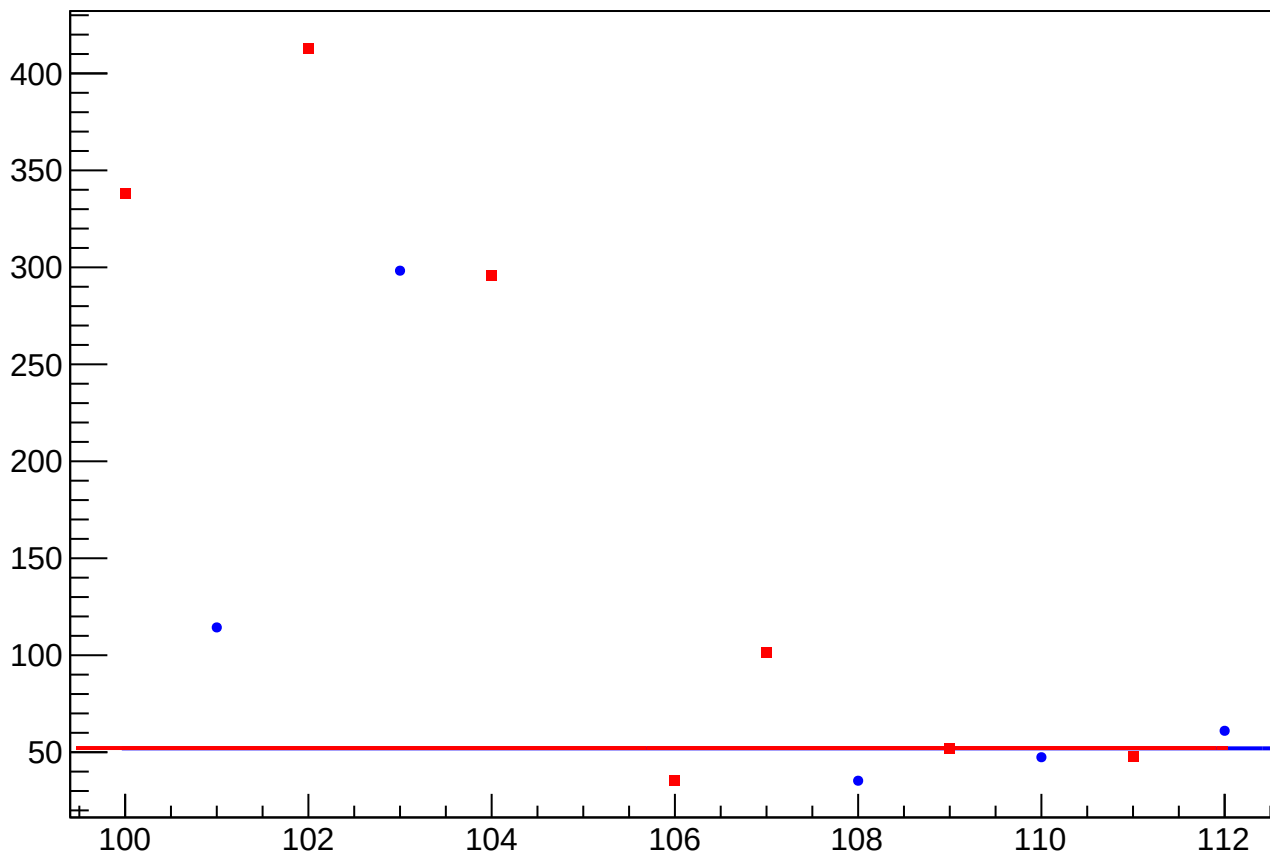
Right: 0.003 $\pm$ 0.030 χ^2 /NDF: 14.3/11

In: 0.011 $\pm$ 0.040 χ^2 /NDF:5.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.030 χ^2 /NDF: 14.3/11

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 51.989+/-0.029 χ^2/NDF : 1317998.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.158+/-0.031 χ^2/NDF : 1562214.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

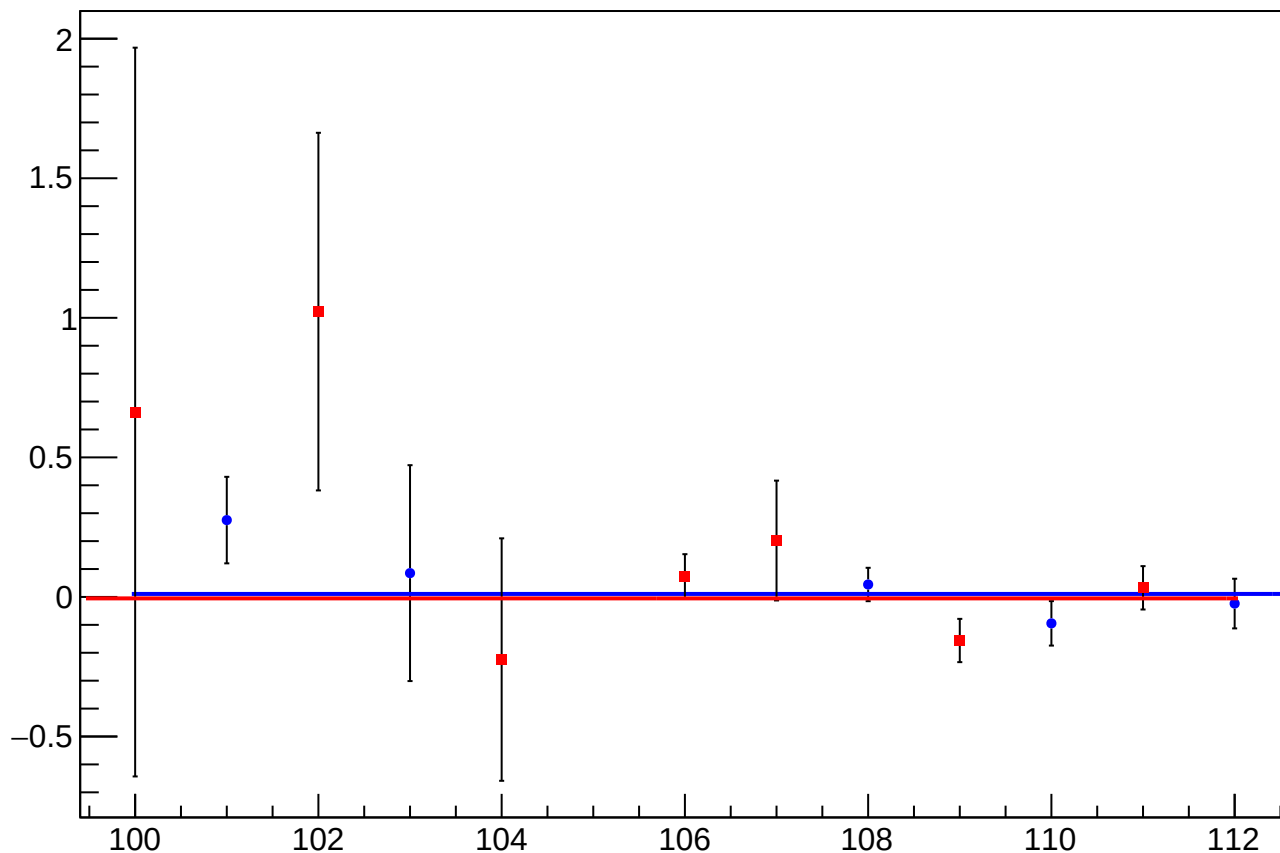
Right: 52.067+/-0.021 χ^2/NDF : 2880228.8/11

In: 51.989+/-0.029 χ^2/NDF : 1317998.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.067+/-0.021 χ^2/NDF : 2880228.8/11

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011 $\pm$ 0.040 χ^2 /NDF: 5.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.005 $\pm$ 0.044 χ^2 /NDF: 9.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

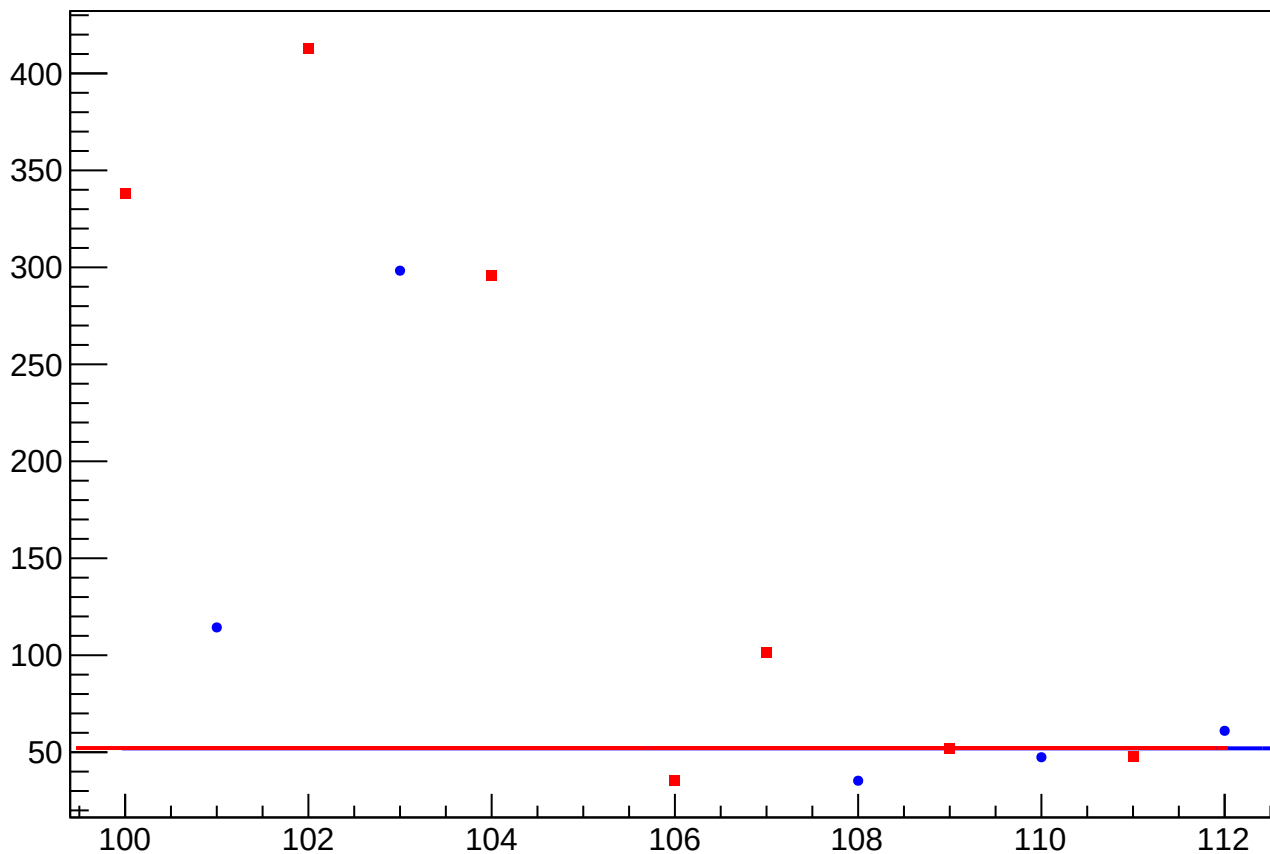
Right: 0.003 $\pm$ 0.030 χ^2 /NDF: 14.3/11

In: 0.011 $\pm$ 0.040 χ^2 /NDF:5.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.030 χ^2 /NDF: 14.3/11

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 51.989+/-0.029 χ^2/NDF : 1317998.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.158+/-0.031 χ^2/NDF : 1562214.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

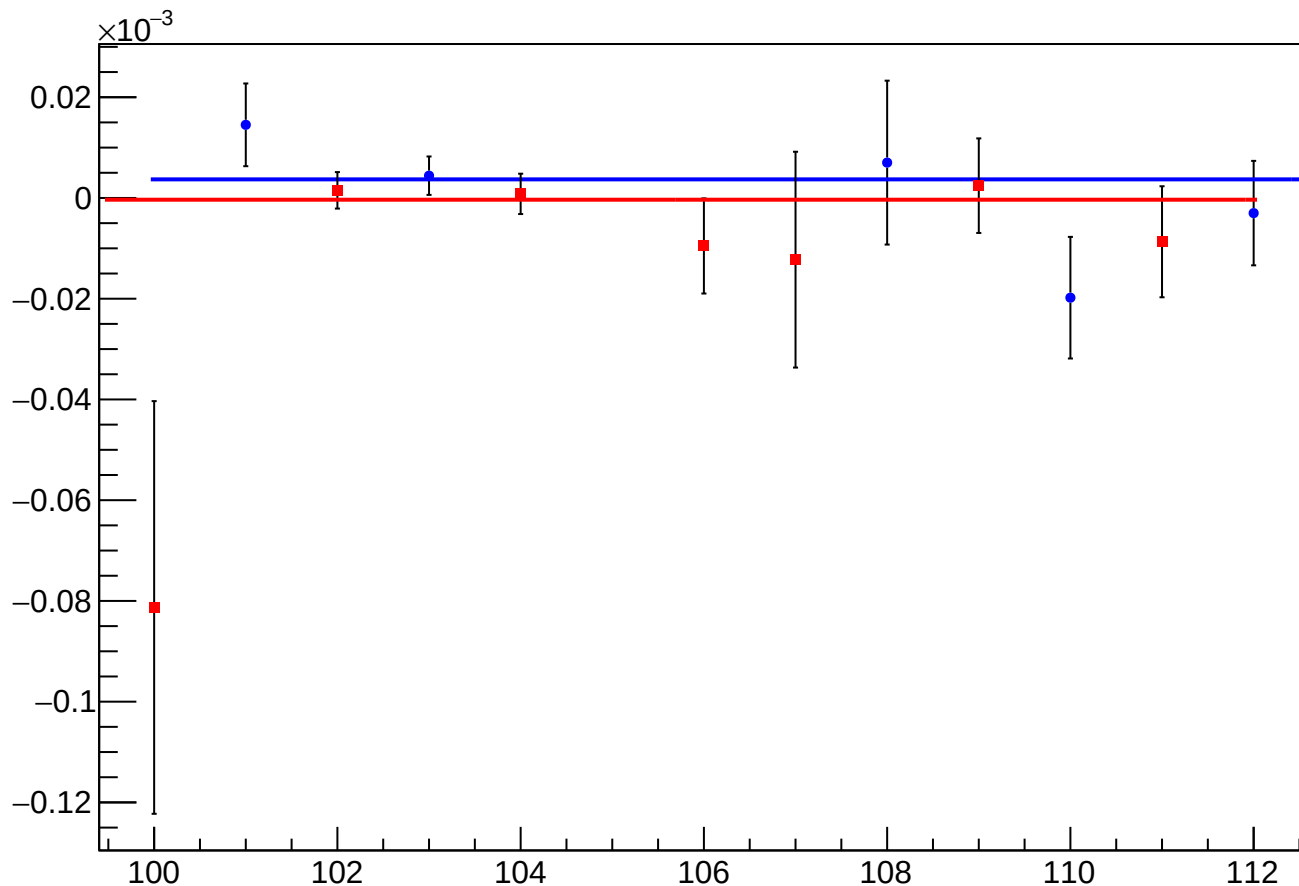
Right: 52.067+/-0.021 χ^2/NDF : 2880228.8/11

In: 51.989+/-0.029 χ^2/NDF : 1317998.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.067+/-0.021 χ^2/NDF : 2880228.8/11

asym_us_dd_atlr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

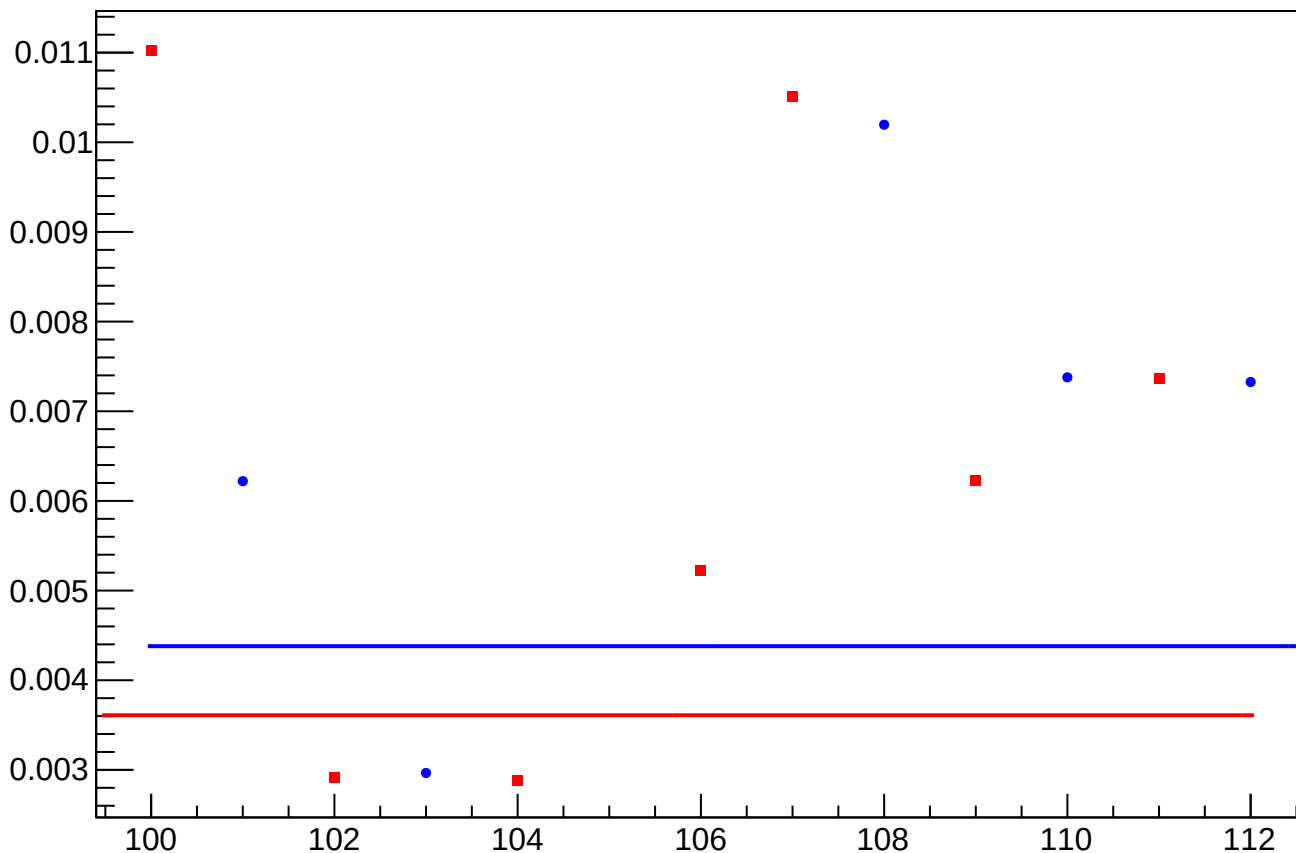
Right: 0.000+/-0.000 χ^2/NDF : 13.2/11

In: 0.000+/-0.000 χ^2/NDF : 6.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.2/11

asym_us_dd_atlr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 915963.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 857614.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

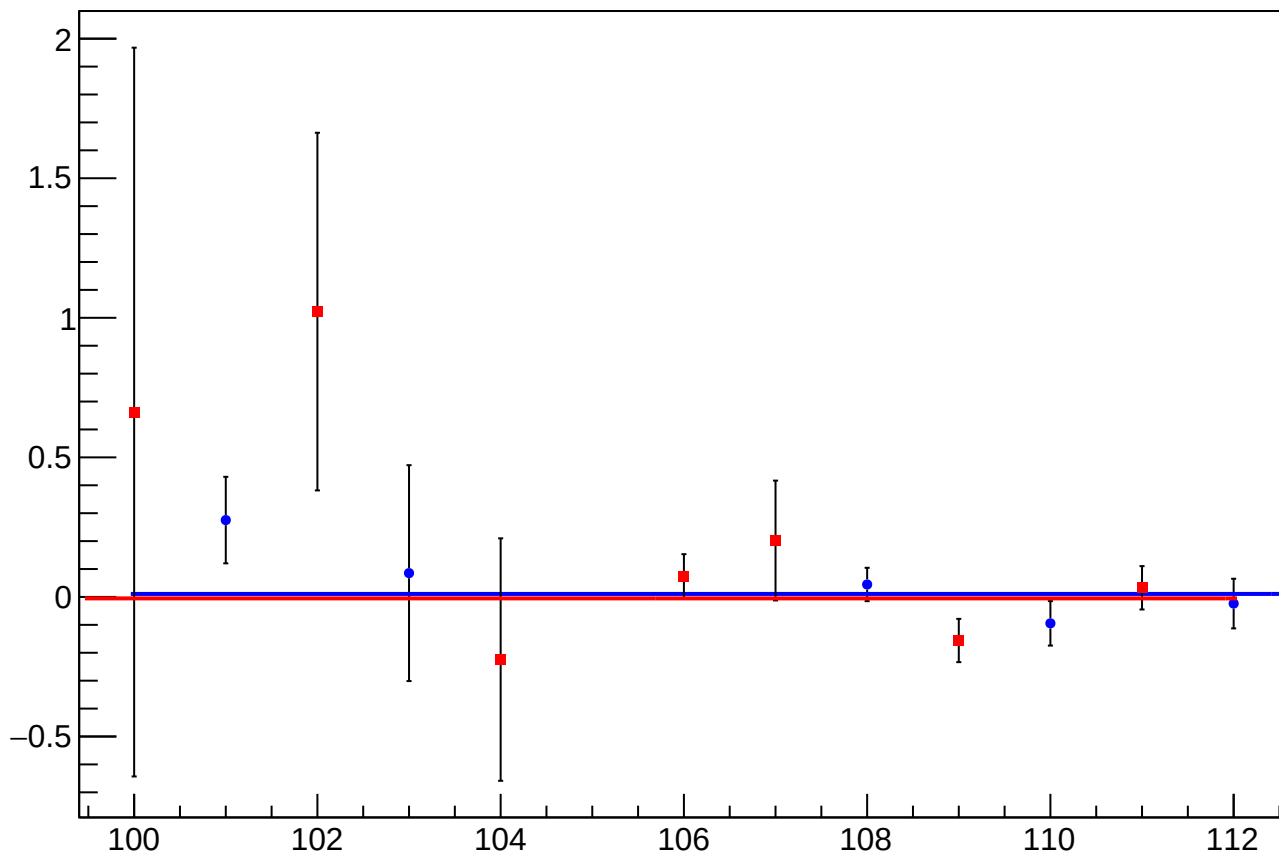
Right: 0.004+/-0.000 χ^2/NDF : 1850317.7/11

In: 0.004+/-0.000 χ^2/NDF : 915963.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 1850317.7/11

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011 $\pm$ 0.040 χ^2 /NDF: 5.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.005 $\pm$ 0.044 χ^2 /NDF: 9.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

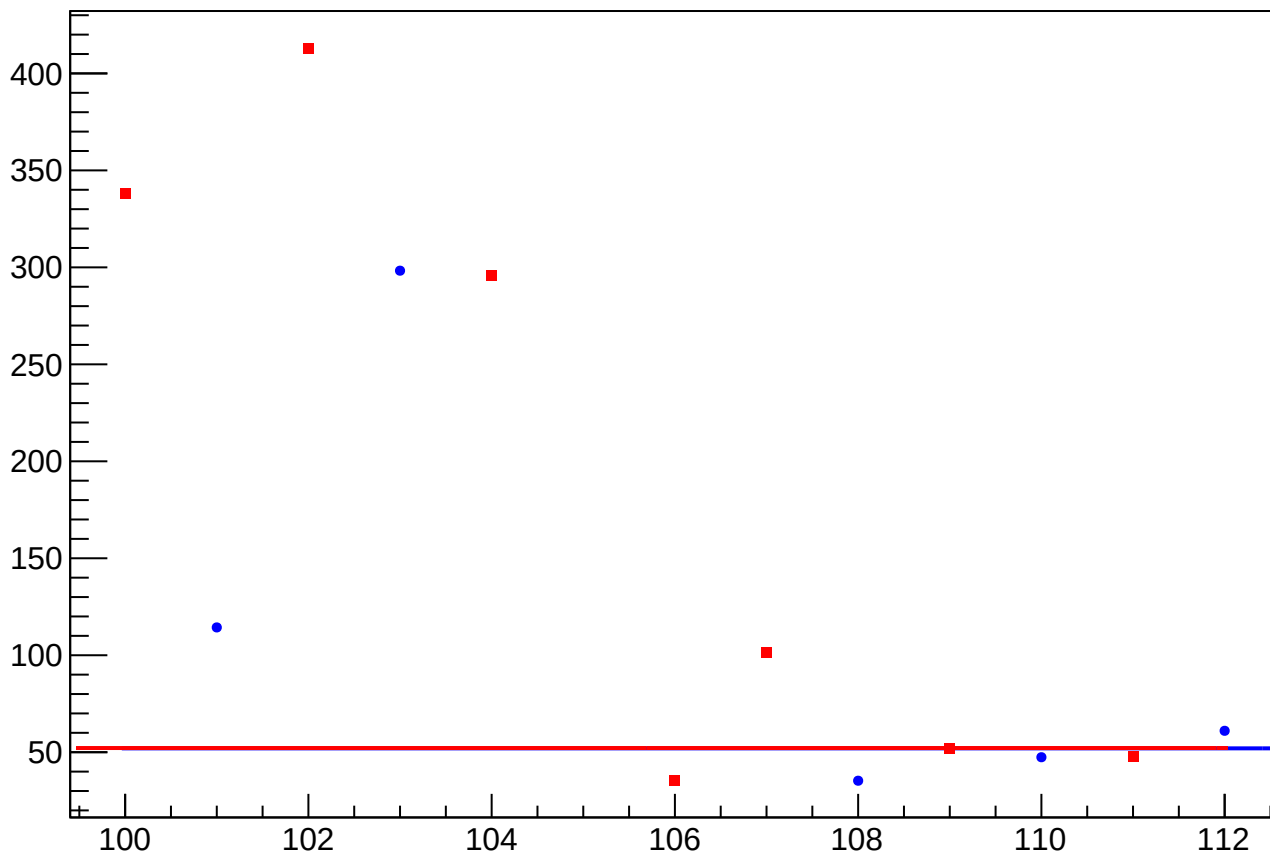
Right: 0.003 $\pm$ 0.030 χ^2 /NDF: 14.3/11

In: 0.011 $\pm$ 0.040 χ^2 /NDF:5.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.030 χ^2 /NDF: 14.3/11

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 51.992+/-0.029 χ^2/NDF : 1317921.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.159+/-0.031 χ^2/NDF : 1562200.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

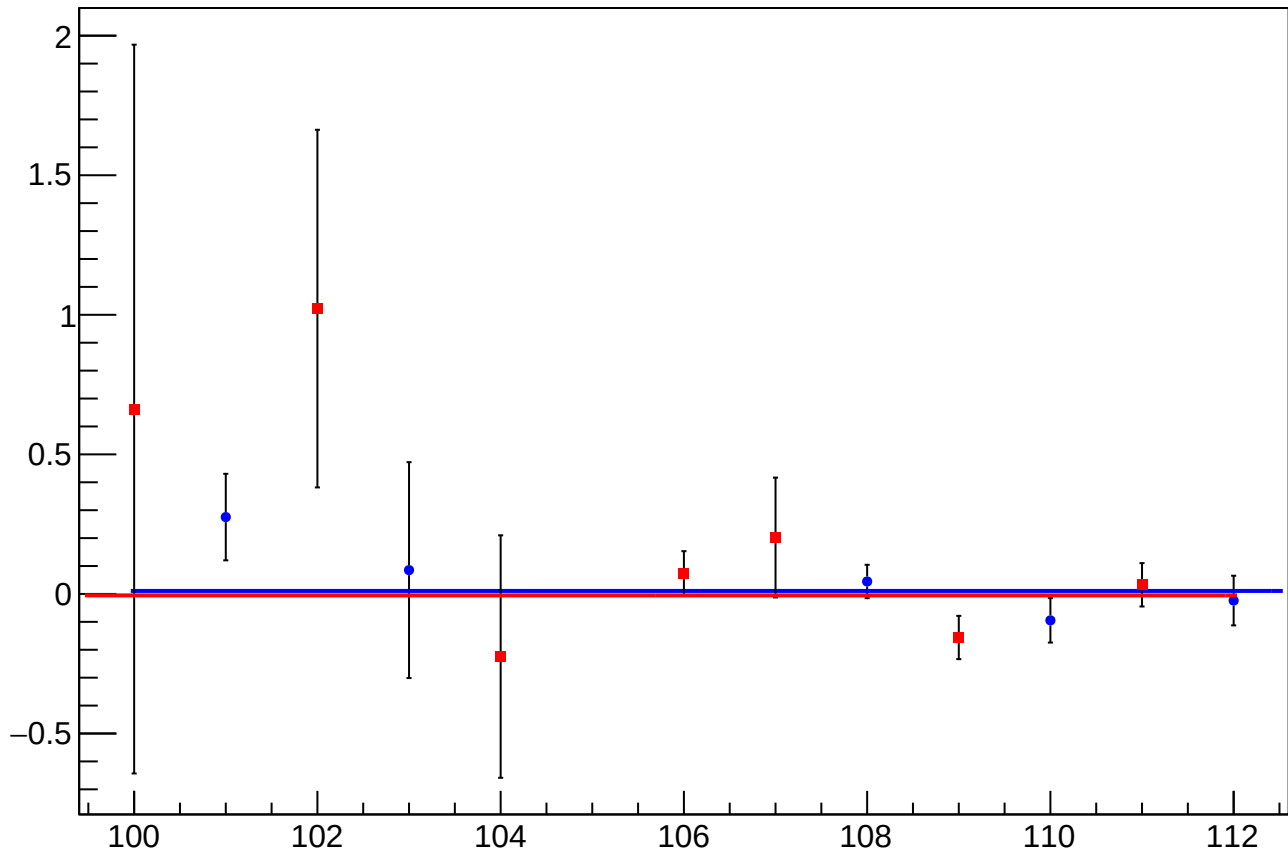
Right: 52.069+/-0.021 χ^2/NDF : 2880137.9/11

In: 51.992+/-0.029 χ^2/NDF : 1317921.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.069+/-0.021 χ^2/NDF : 2880137.9/11

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011 $\pm$ 0.040 χ^2 /NDF: 5.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.005 $\pm$ 0.044 χ^2 /NDF: 9.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

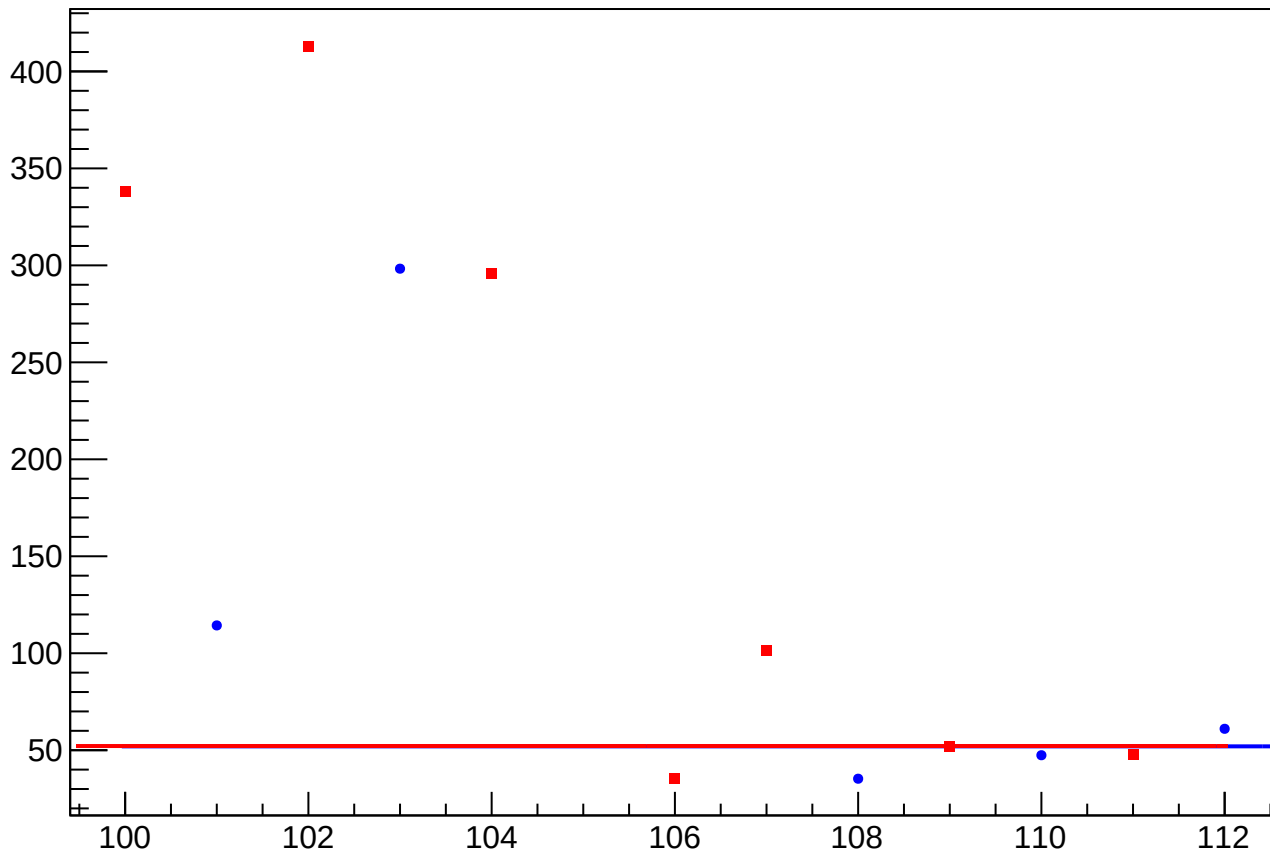
Right: 0.003 $\pm$ 0.030 χ^2 /NDF: 14.3/11

In: 0.011 $\pm$ 0.040 χ^2 /NDF:5.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.030 χ^2 /NDF: 14.3/11

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 51.992 $\pm$ 0.029 χ^2 /NDF: 1317921.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 52.159 $\pm$ 0.031 χ^2 /NDF: 1562200.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

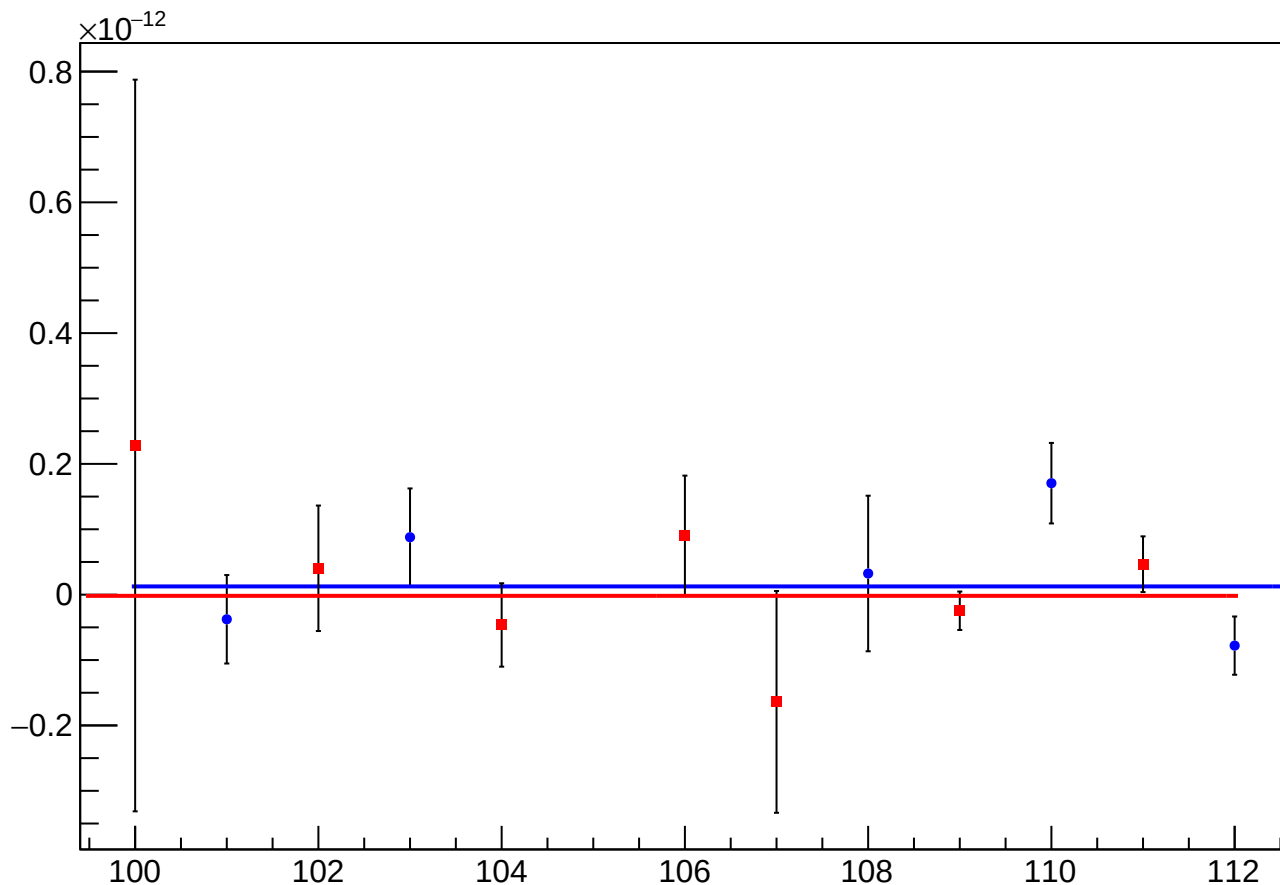
Right: 52.069 $\pm$ 0.021 χ^2 /NDF: 2880137.9/11

In: 51.992 $\pm$ 0.029 χ^2 /NDF:1317921.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 52.069 $\pm$ 0.021 χ^2 /NDF: 2880137.9/11

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 : 12.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

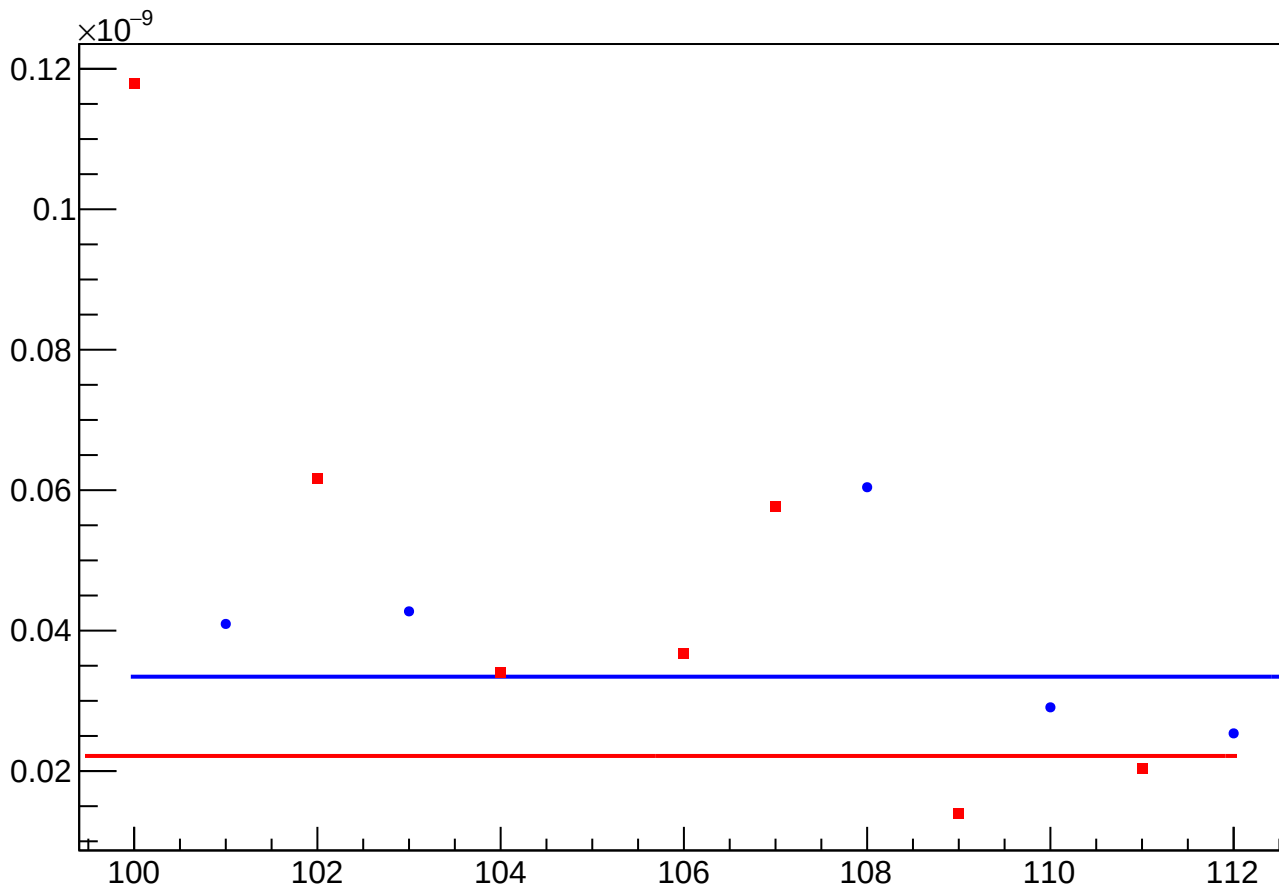
Right: 0.000+/-0.000 χ^2/NDF : 17.2/11

In: 0.000+/-0.000 χ^2/NDF : 12.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.2/11

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 : 234364.4/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 764310.6/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

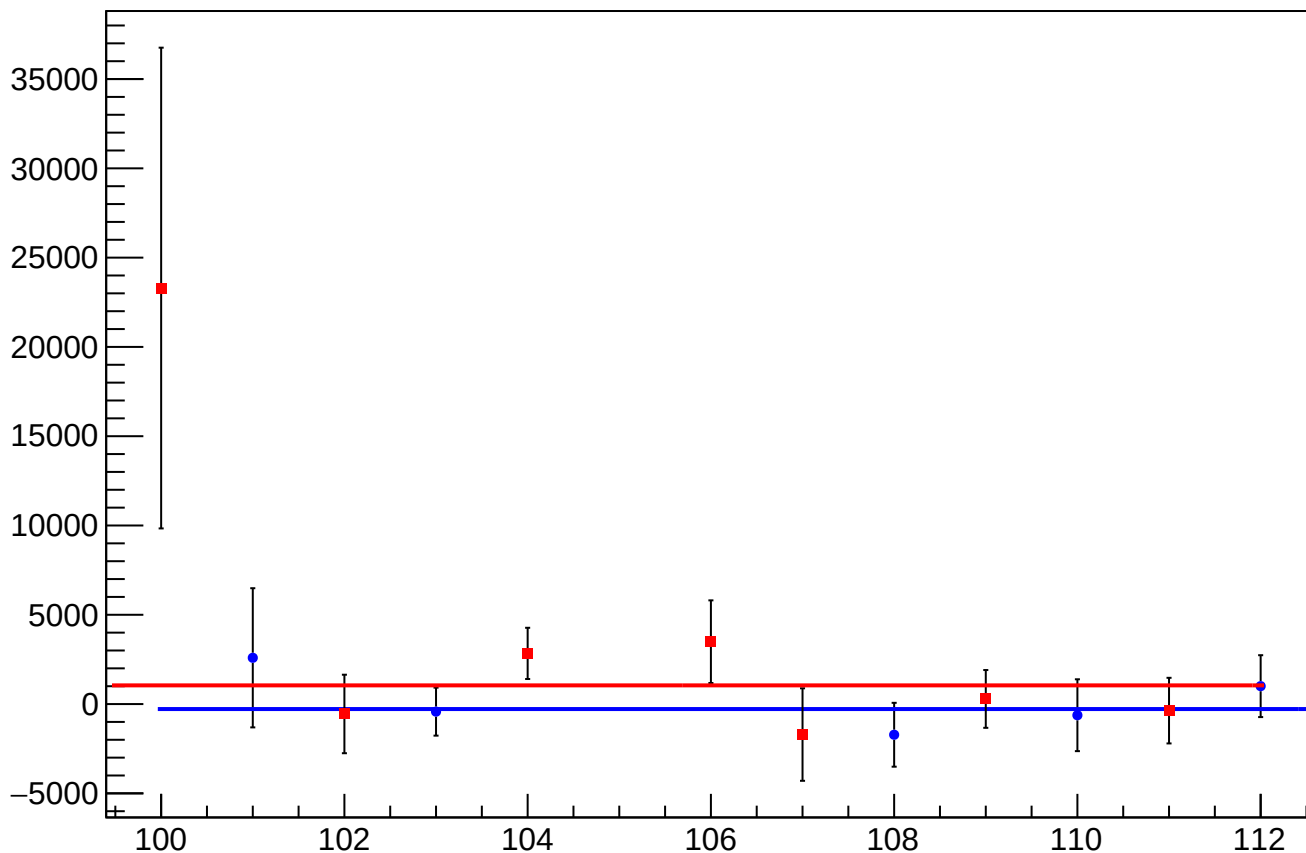
Right: 0.000+/-0.000 χ^2/NDF : 1201134.3/11

In: 0.000+/-0.000 χ^2/NDF :234364.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1201134.3/11

reg_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: -279.044+/-813.015 χ^2/NDF : 1.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1046.833+/-764.078 χ^2/NDF : 7.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

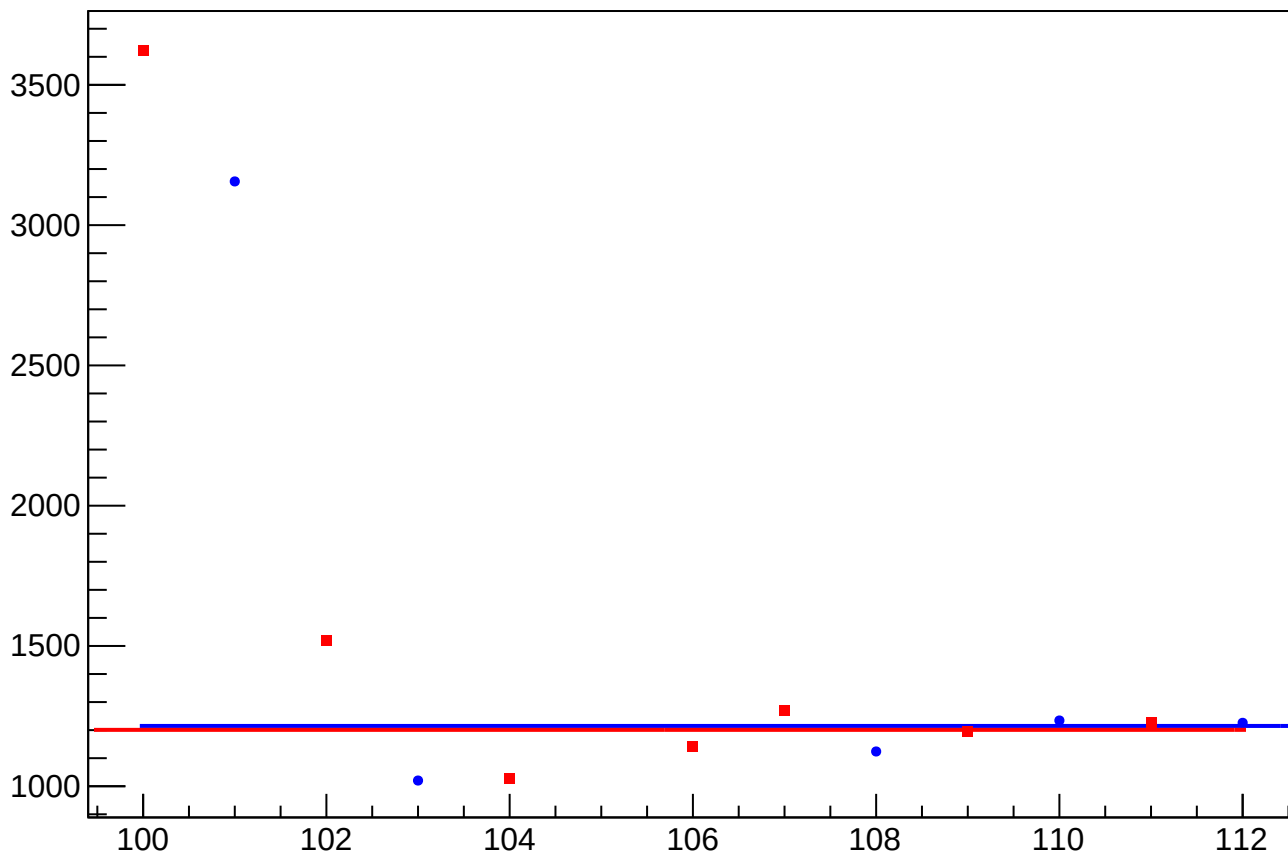
Right: 424.997+/-556.782 χ^2/NDF : 11.1/11

In: -279.044+/-813.015 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 424.997+/-556.782 χ^2/NDF : 11.1/11

reg_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1214.929+/-0.575 χ^2/NDF : 543498.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1200.948+/-0.540 χ^2/NDF : 139540.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

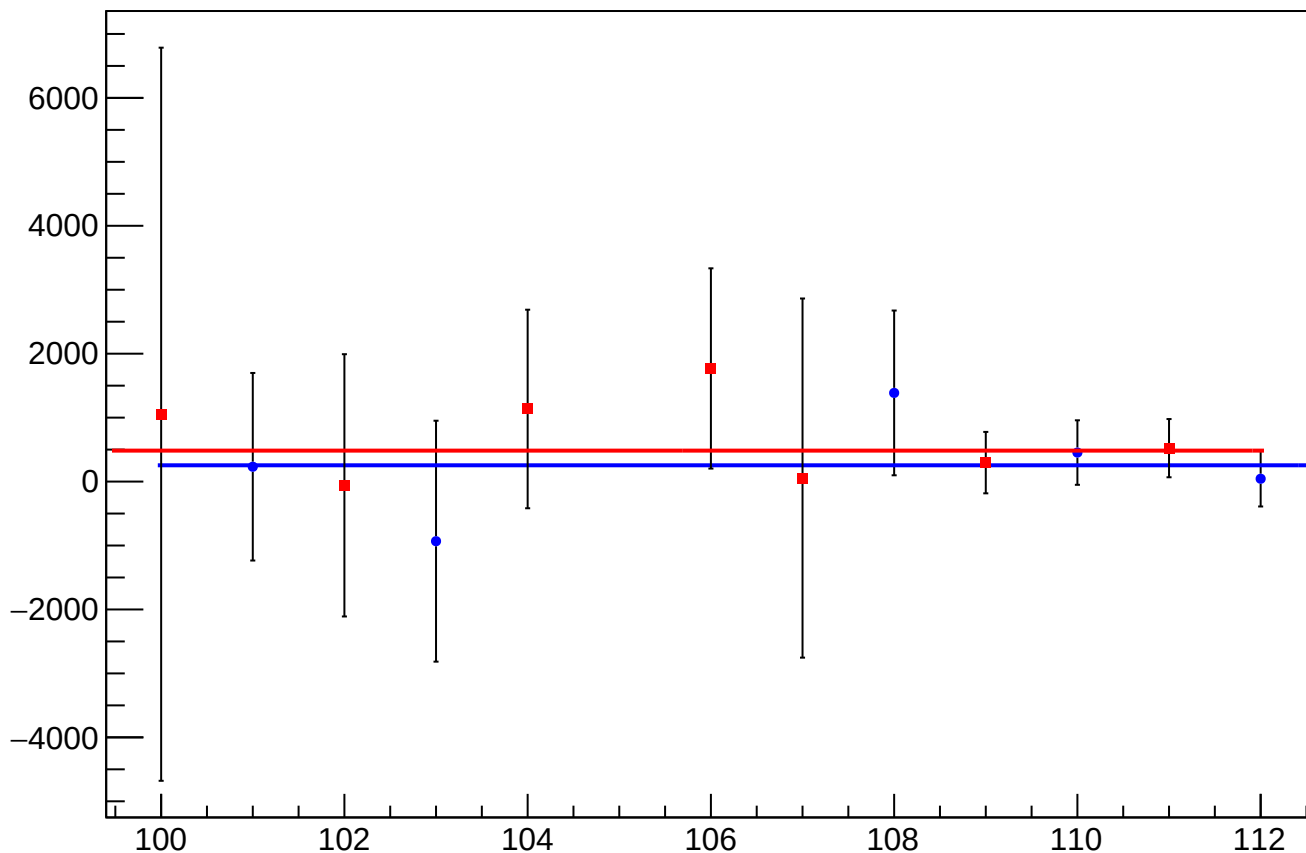
Right: 1207.505+/-0.394 χ^2/NDF : 683353.8/11

In: 1214.929+/-0.575 χ^2/NDF : 543498.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1207.505+/-0.394 χ^2/NDF : 683353.8/11

asym_us_dd_atlr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 254.625+/-307.216 χ^2/NDF : 1.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 484.099+/-310.441 χ^2/NDF : 1.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

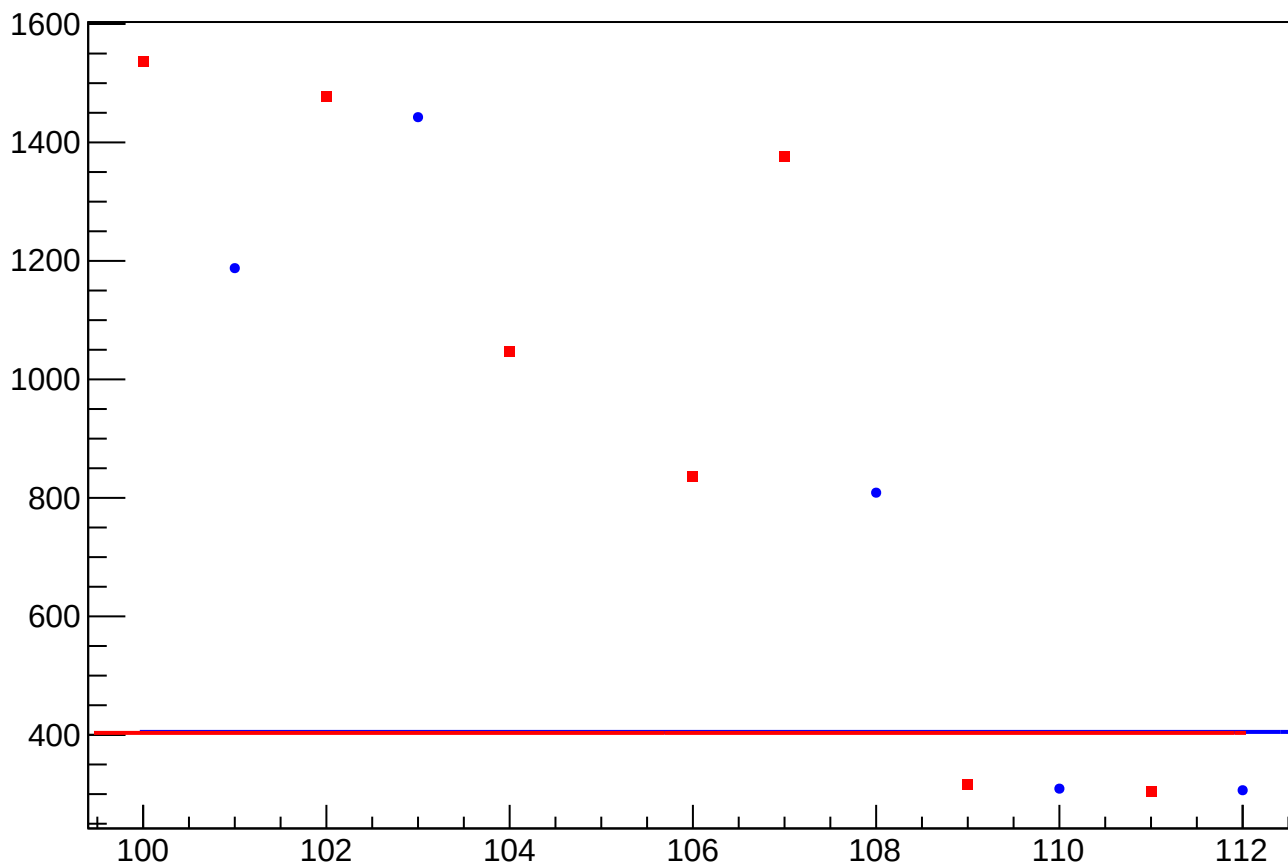
Right: 368.164+/-218.366 χ^2/NDF : 2.9/11

In: 254.625+/-307.216 χ^2/NDF : 1.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 368.164+/-218.366 χ^2/NDF : 2.9/11

asym_us_dd_atlr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 404.979+/-0.217 χ^2/NDF : 1548175.9/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 403.319+/-0.220 χ^2/NDF : 1525780.9/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

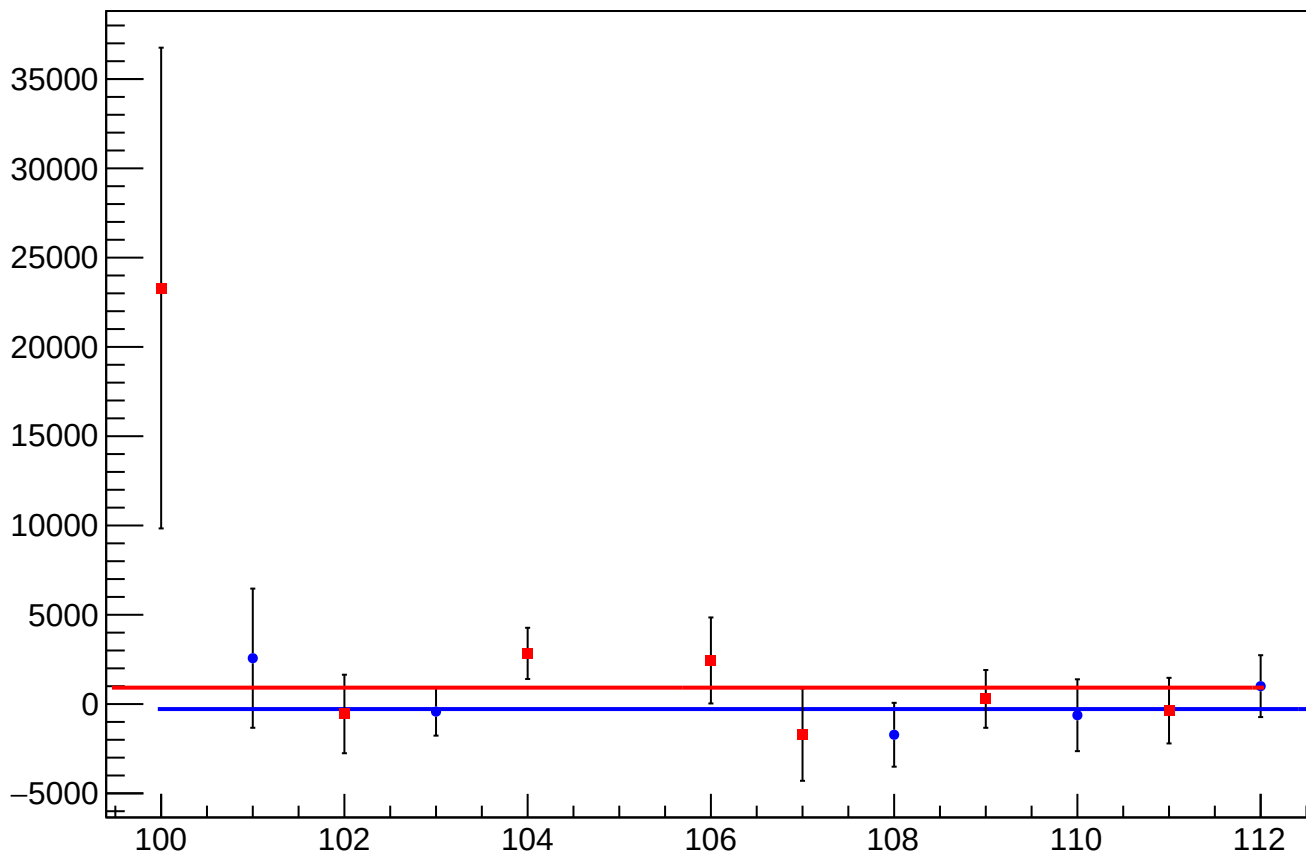
Right: 404.157+/-0.154 χ^2/NDF : 3073985.8/11

In: 404.979+/-0.217 χ^2/NDF :1548175.9/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 404.157+/-0.154 χ^2/NDF : 3073985.8/11

cor_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: -280.155+/-813.016 χ^2 /NDF: 1.8/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 919.495+/-767.312 χ^2 /NDF: 7.1/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

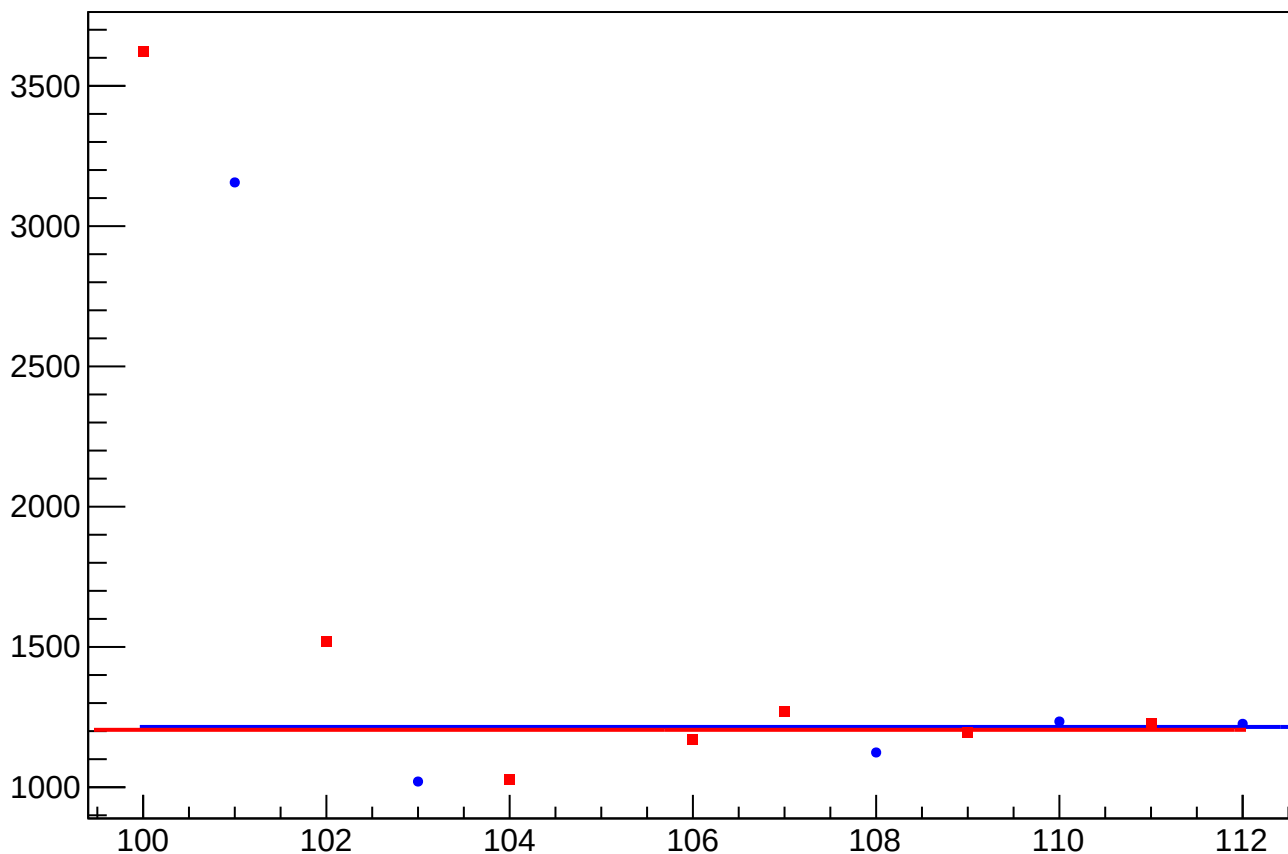
Right: 354.335+/-558.030 χ^2 /NDF: 10.0/11

In: -280.155+/-813.016 χ^2 /NDF:1.8/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 354.335+/-558.030 χ^2 /NDF: 10.0/11

cor_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1214.929+/-0.575 χ^2/NDF : 543500.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1204.643+/-0.543 χ^2/NDF : 138418.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

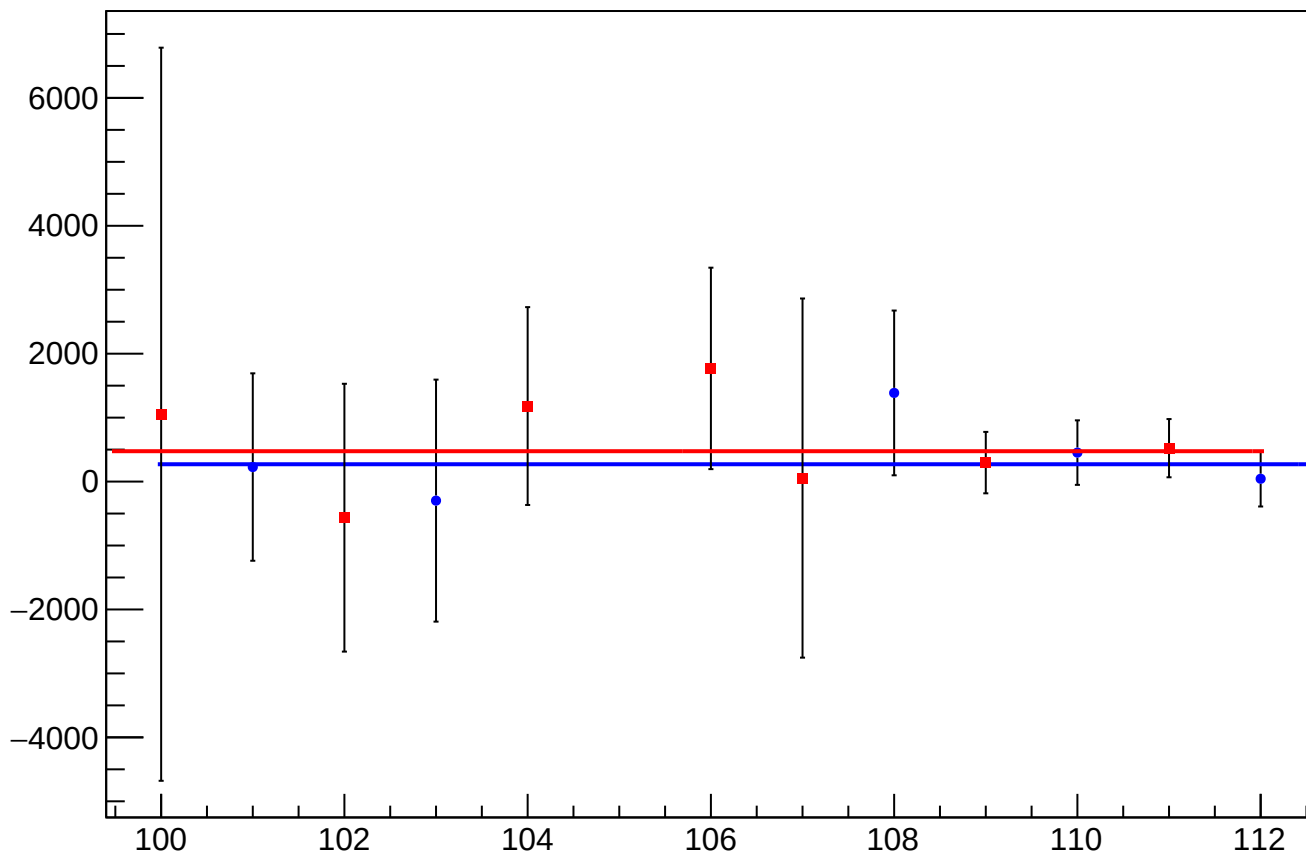
Right: 1209.489+/-0.395 χ^2/NDF : 682088.5/11

In: 1214.929+/-0.575 χ^2/NDF : 543500.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1209.489+/-0.395 χ^2/NDF : 682088.5/11

asym_us_dd_atlr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 271.052+/-307.233 χ^2/NDF : 1.2/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 474.976+/-310.625 χ^2/NDF : 1.3/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

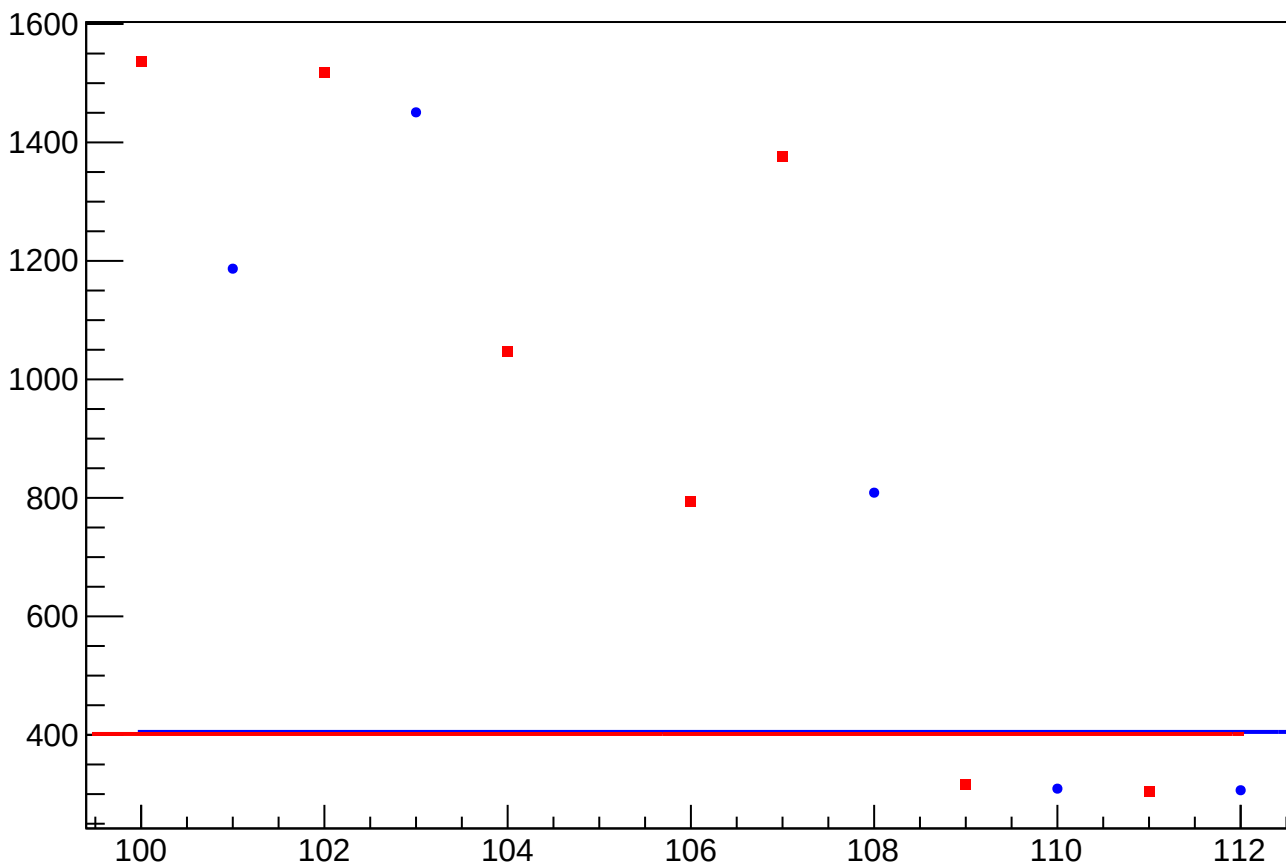
Right: 371.894+/-218.436 χ^2/NDF : 2.8/11

In: 271.052+/-307.233 χ^2/NDF :1.2/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 371.894+/-218.436 χ^2/NDF : 2.8/11

asym_us_dd_atlr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 404.948+/-0.217 χ^2/NDF : 1551865.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 401.499+/-0.220 χ^2/NDF : 1515136.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

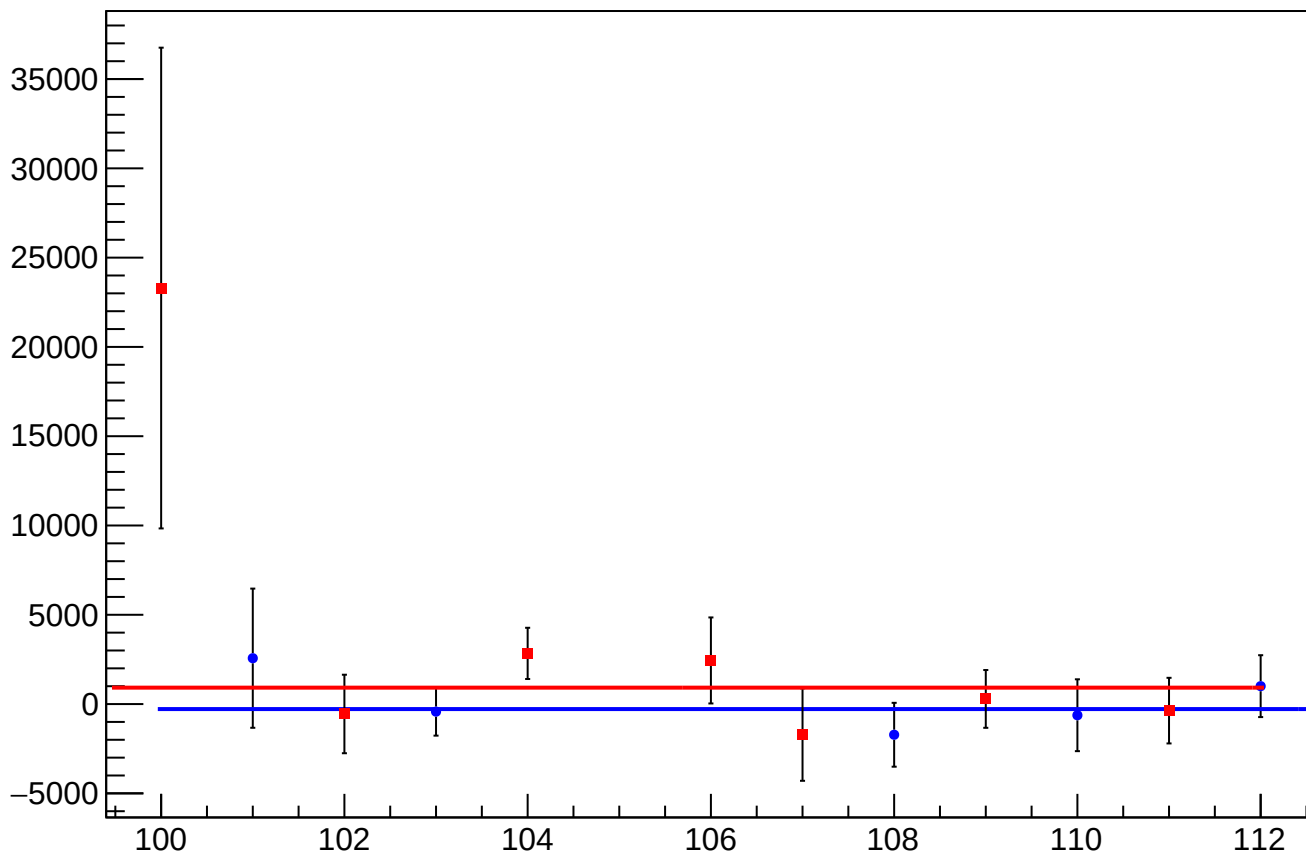
Right: 403.242+/-0.154 χ^2/NDF : 3067126.5/11

In: 404.948+/-0.217 χ^2/NDF : 1551865.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 403.242+/-0.154 χ^2/NDF : 3067126.5/11

eigen_cor_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: -280.155+/-813.016 χ^2/NDF : 1.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 919.495+/-767.312 χ^2/NDF : 7.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

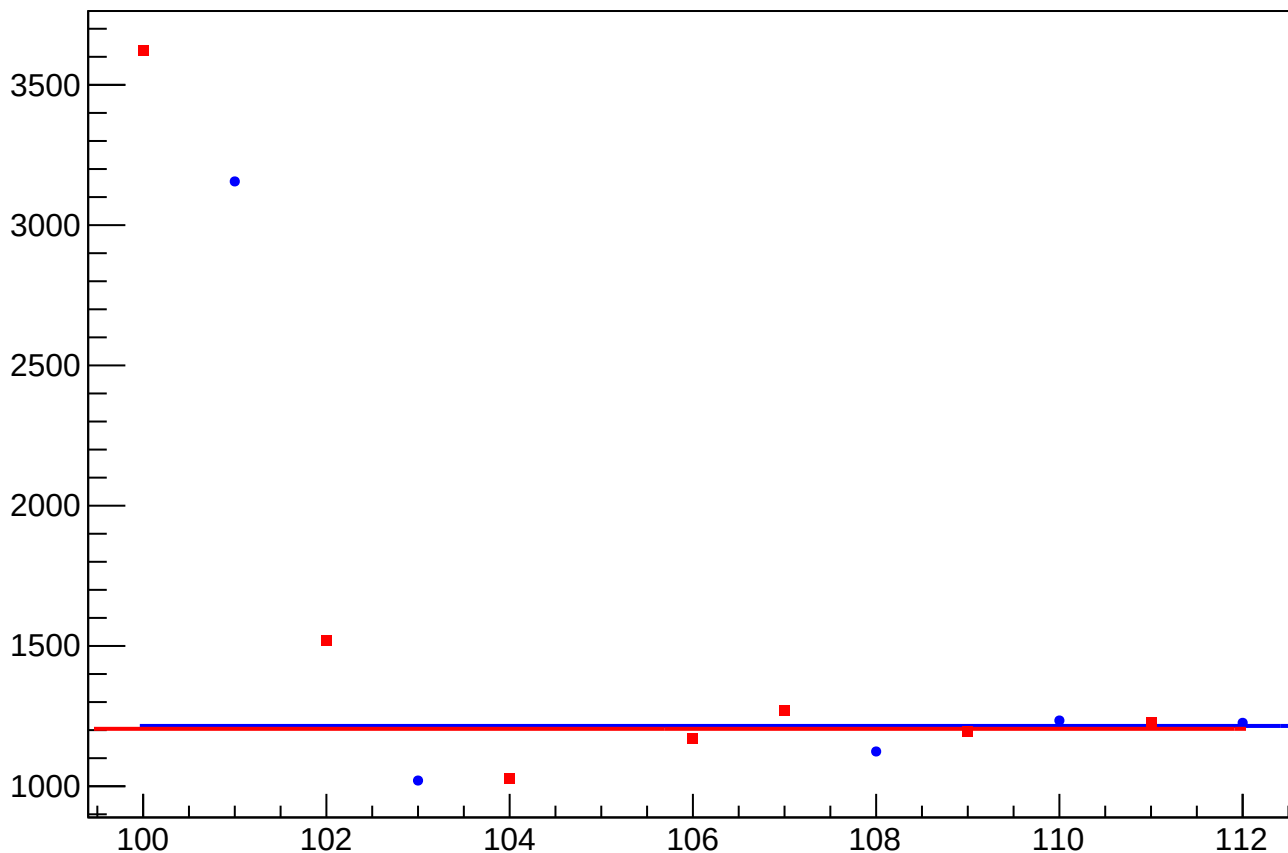
Right: 354.335+/-558.030 χ^2/NDF : 10.0/11

In: -280.155+/-813.016 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 354.335+/-558.030 χ^2/NDF : 10.0/11

eigen_cor_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1214.929+/-0.575 χ^2/NDF : 543500.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1204.643+/-0.543 χ^2/NDF : 138418.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

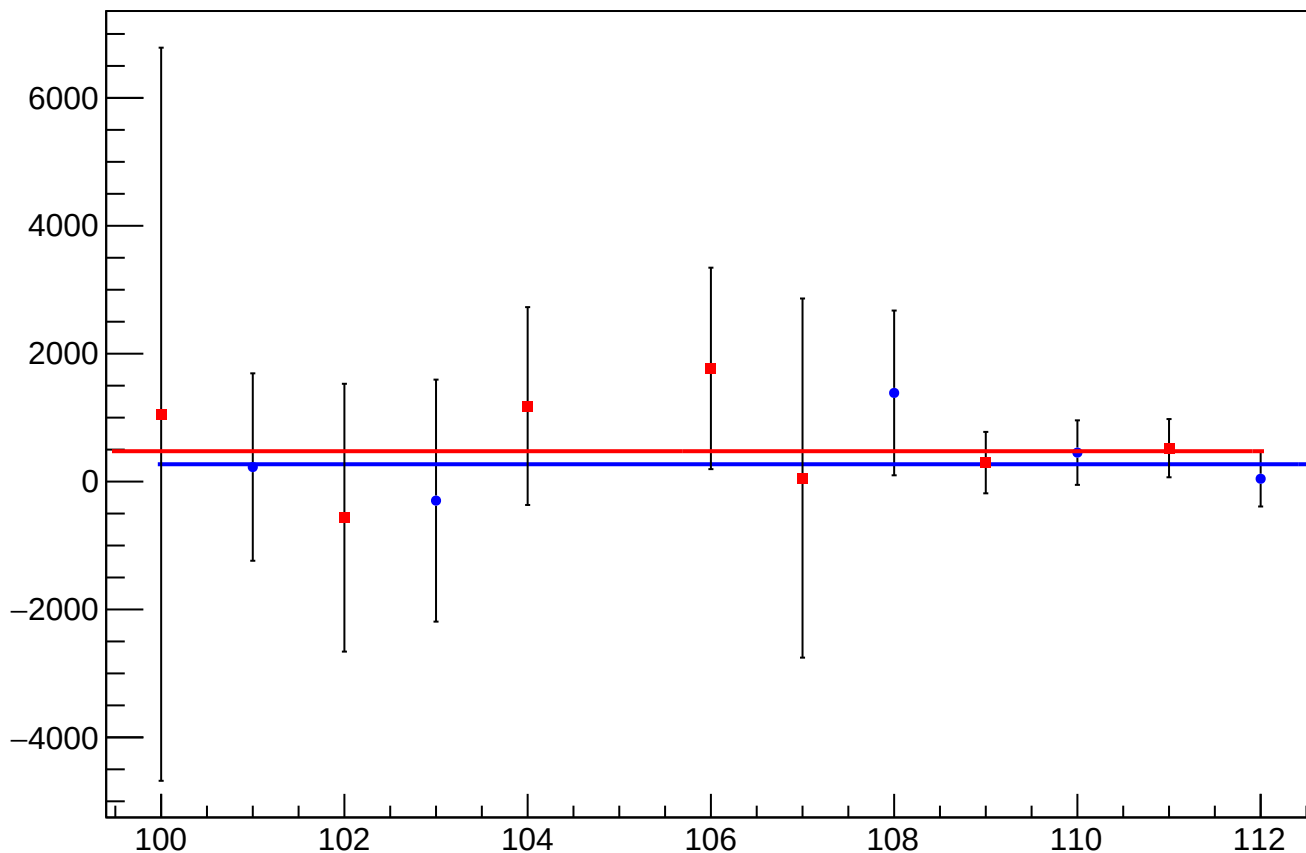
Right: 1209.489+/-0.395 χ^2/NDF : 682088.5/11

In: 1214.929+/-0.575 χ^2/NDF : 543500.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1209.489+/-0.395 χ^2/NDF : 682088.5/11

asym_us_dd_atlr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 271.052+/-307.233 χ^2/NDF : 1.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 474.976+/-310.625 χ^2/NDF : 1.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

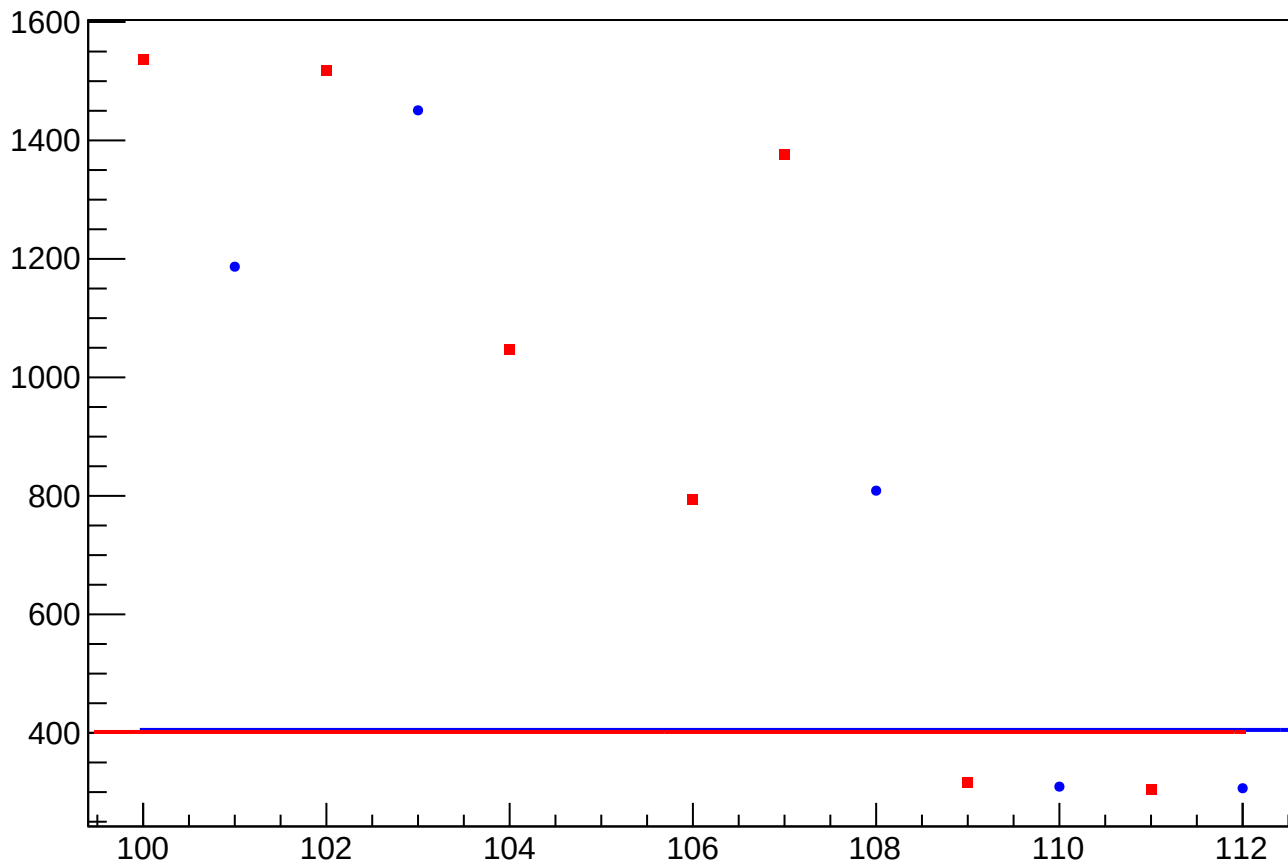
Right: 371.894+/-218.436 χ^2/NDF : 2.8/11

In: 271.052+/-307.233 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 371.894+/-218.436 χ^2/NDF : 2.8/11

asym_us_dd_atlr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 404.948+/-0.217 χ^2 /NDF: 1551865.1/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 401.499+/-0.220 χ^2 /NDF: 1515136.8/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

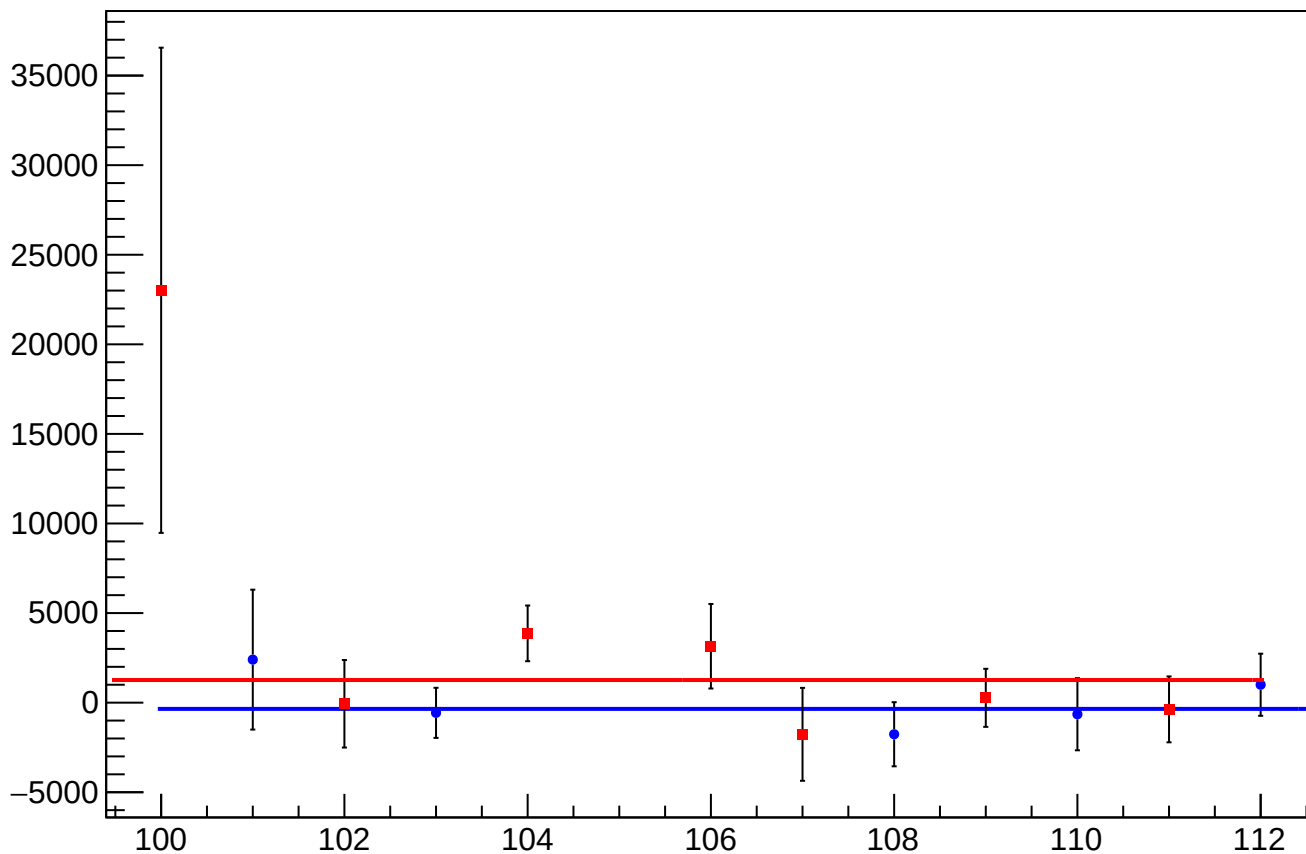
Right: 403.242+/-0.154 χ^2 /NDF: 3067126.5/11

In: 404.948+/-0.217 χ^2 /NDF:1551865.1/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 403.242+/-0.154 χ^2 /NDF: 3067126.5/11

dit_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: -348.104+/-824.945 χ^2/NDF : 1.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1262.680+/-792.424 χ^2/NDF : 8.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

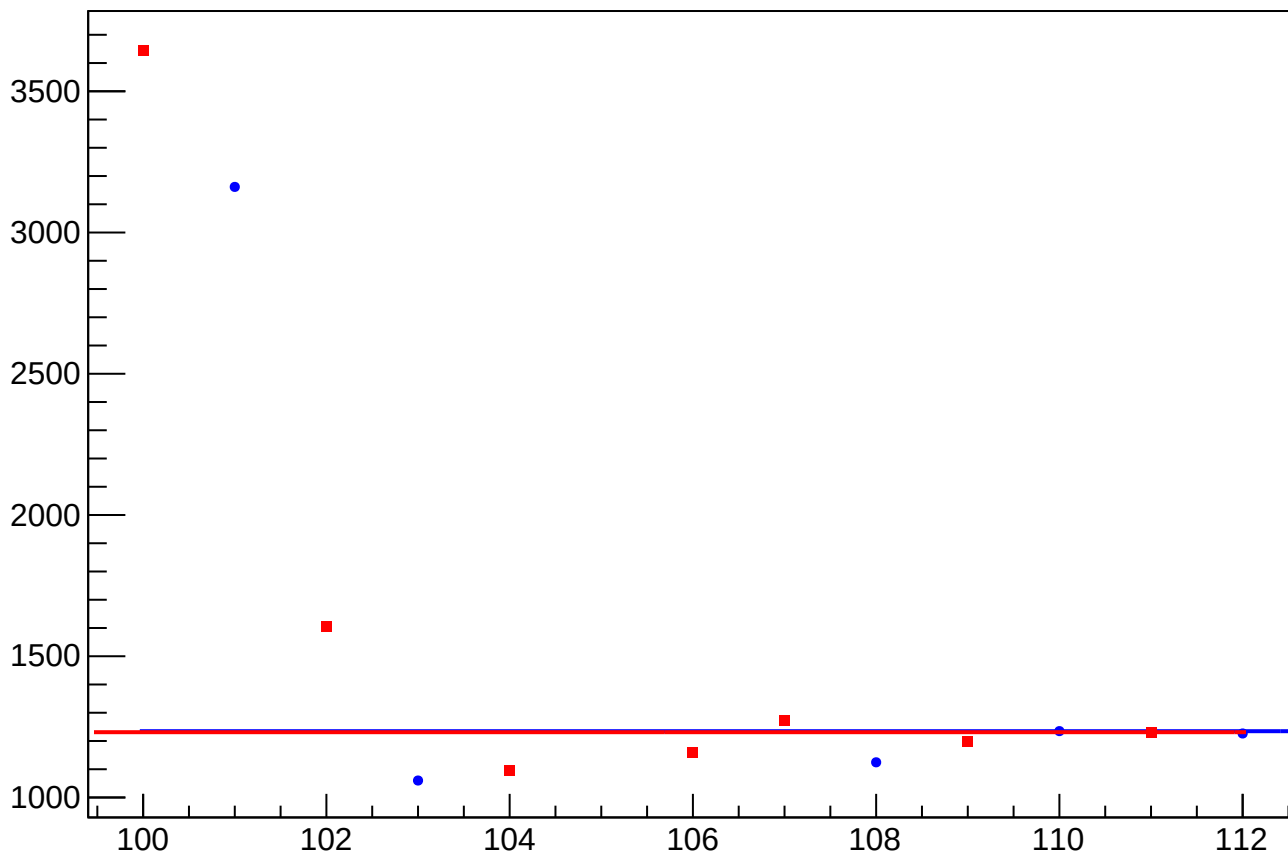
Right: 489.664+/-571.480 χ^2/NDF : 12.6/11

In: -348.104+/-824.945 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 489.664+/-571.480 χ^2/NDF : 12.6/11

dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1234.690+/-0.583 χ^2/NDF : 525994.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1231.145+/-0.560 χ^2/NDF : 129201.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

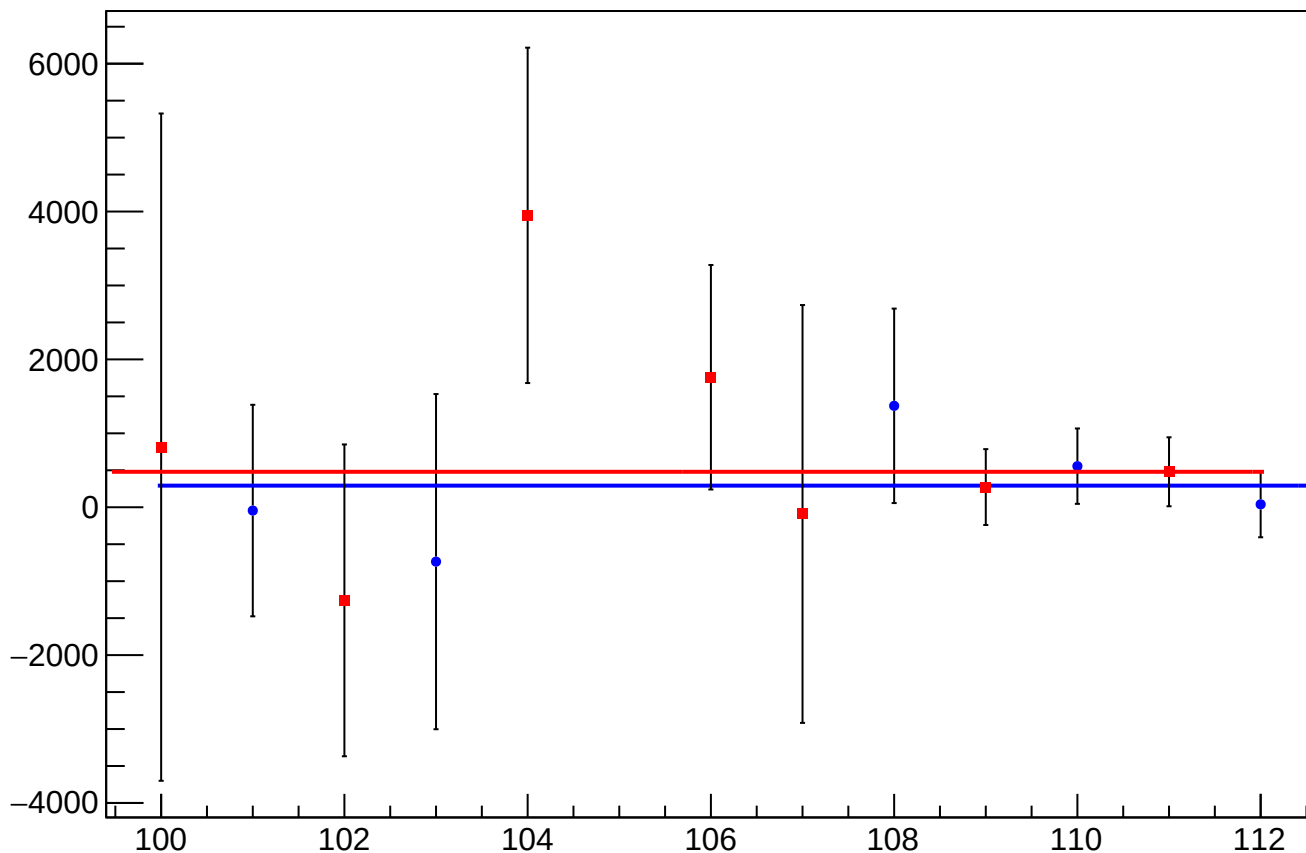
Right: 1232.846+/-0.404 χ^2/NDF : 655216.0/11

In: 1234.690+/-0.583 χ^2/NDF : 525994.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1232.846+/-0.404 χ^2/NDF : 655216.0/11

asym_us_dd_atlr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 292.356+/-313.993 χ^2/NDF : 1.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 479.514+/-325.764 χ^2/NDF : 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

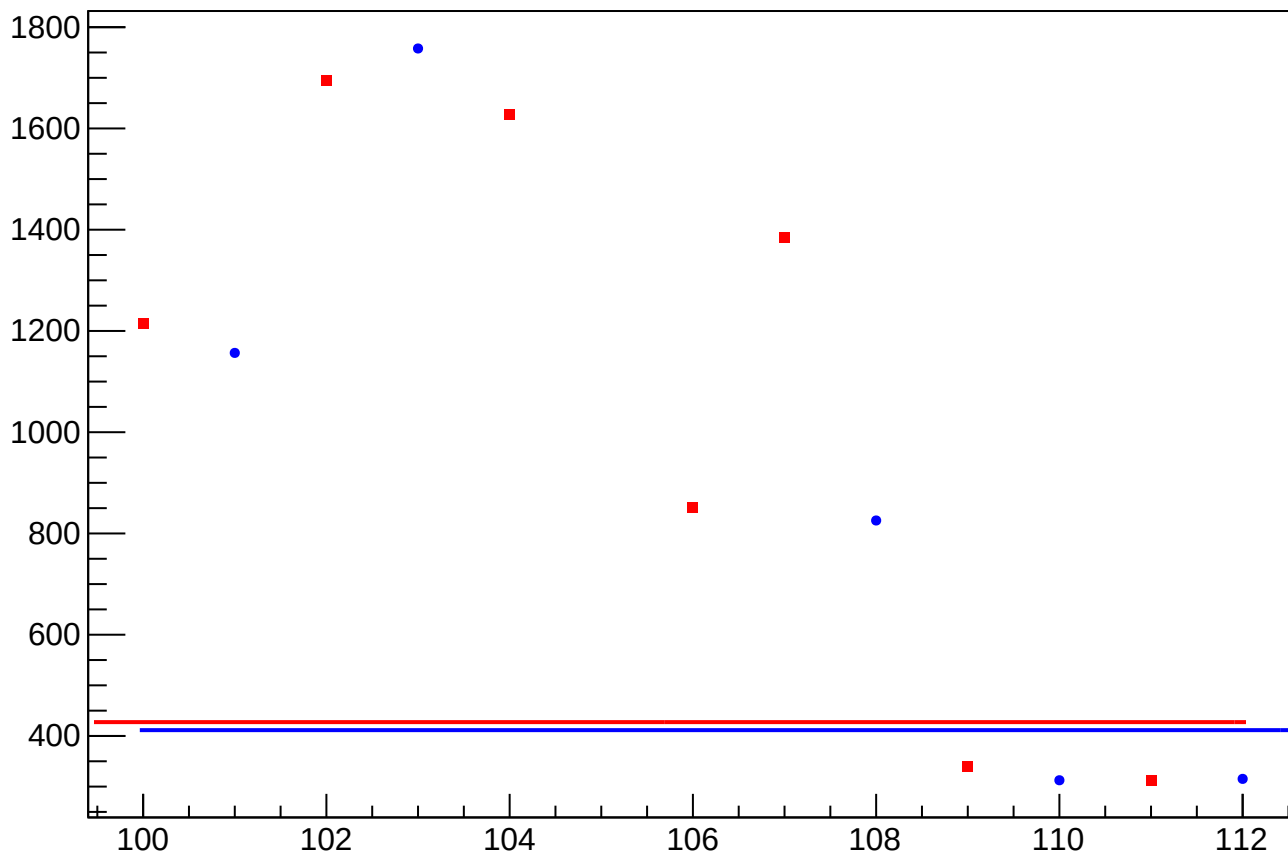
Right: 382.493+/-226.073 χ^2/NDF : 5.6/11

In: 292.356+/-313.993 χ^2/NDF : 1.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 382.493+/-226.073 χ^2/NDF : 5.6/11

asym_us_dd_atlr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 411.514+/-0.222 χ^2/NDF : 1614945.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 427.357+/-0.230 χ^2/NDF : 1910512.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

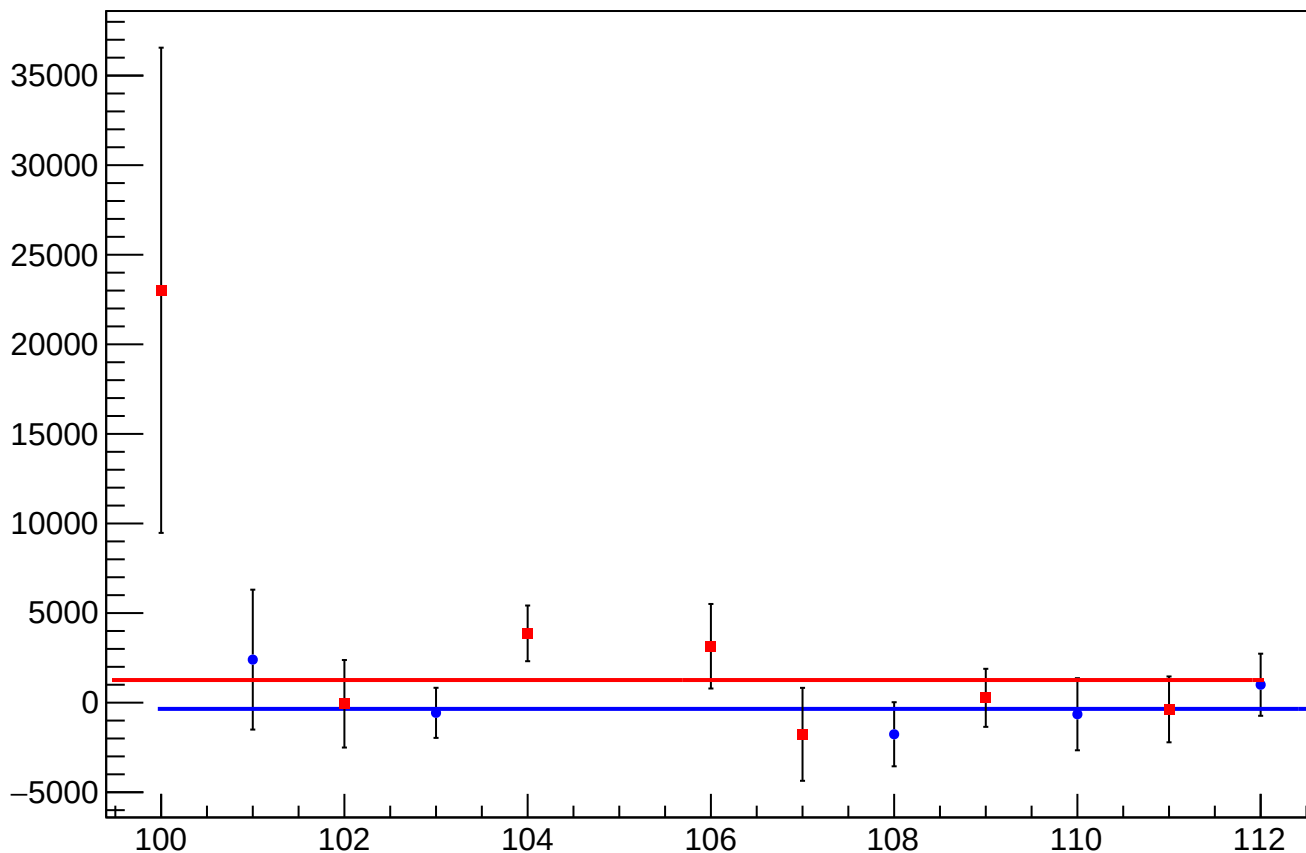
Right: 419.144+/-0.160 χ^2/NDF : 3527909.9/11

In: 411.514+/-0.222 χ^2/NDF : 1614945.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 419.144+/-0.160 χ^2/NDF : 3527909.9/11

eigen_dit_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: -348.107+/-824.945 χ^2 /NDF: 1.8/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1262.681+/-792.424 χ^2 /NDF: 8.9/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

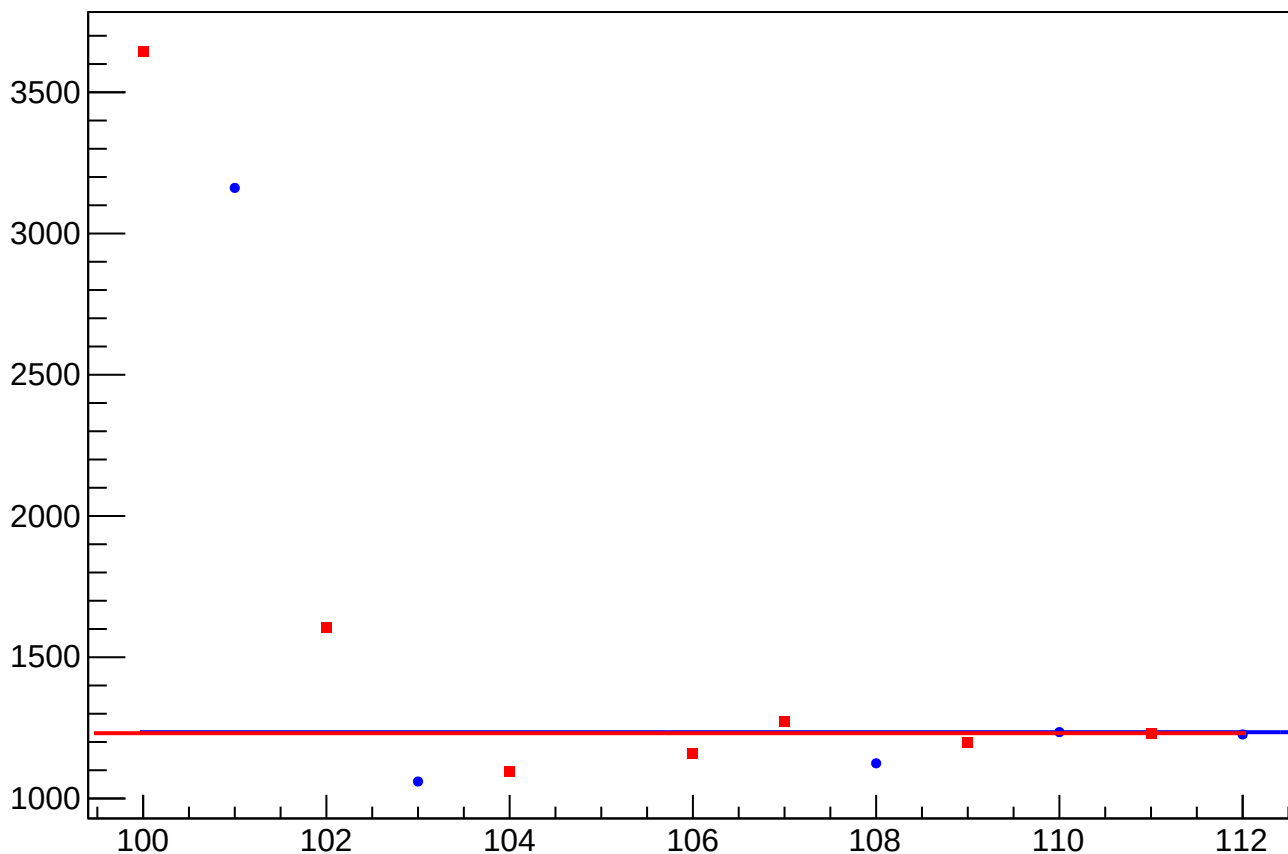
Right: 489.663+/-571.480 χ^2 /NDF: 12.6/11

In: -348.107+/-824.945 χ^2 /NDF:1.8/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 489.663+/-571.480 χ^2 /NDF: 12.6/11

eigen_dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1234.691+/-0.583 χ^2/NDF : 525994.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1231.145+/-0.560 χ^2/NDF : 129201.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

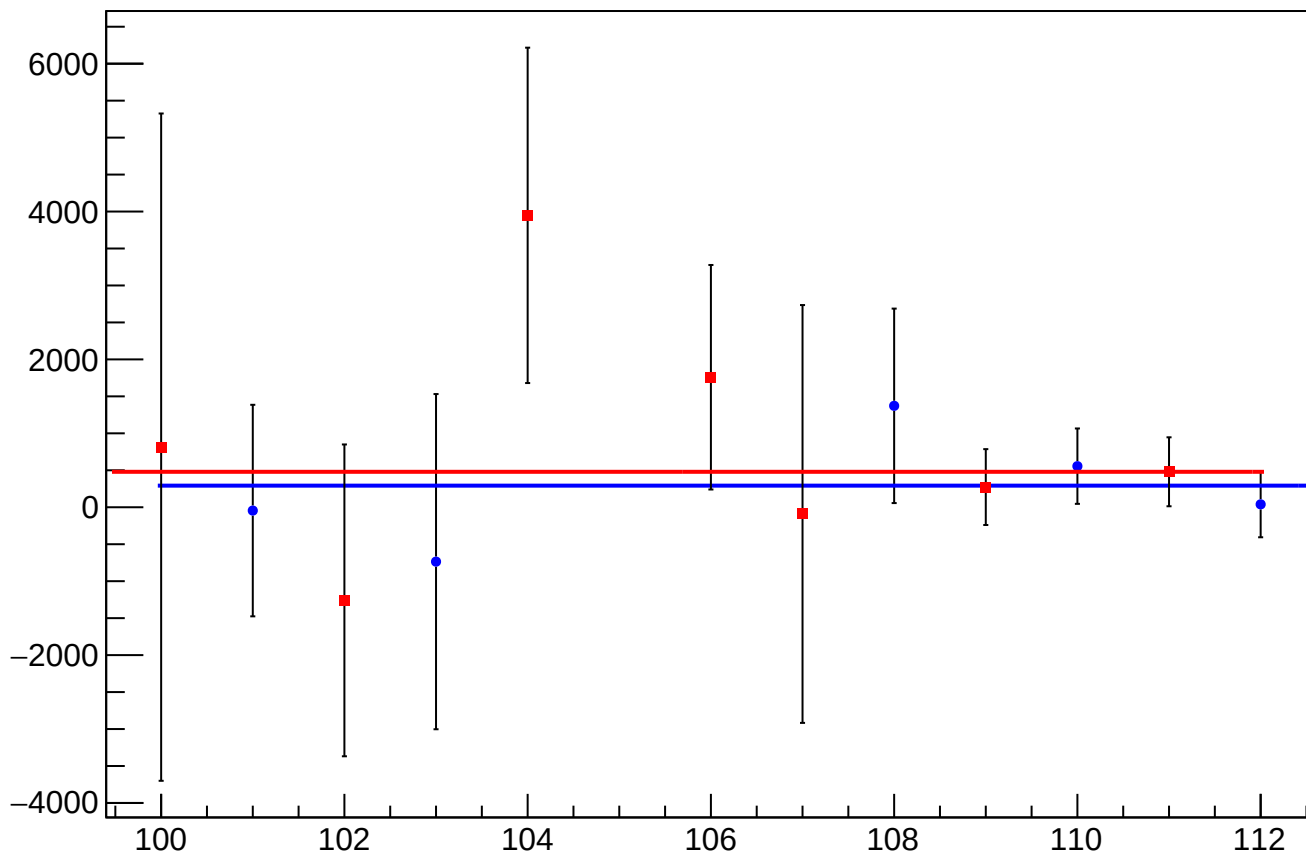
Right: 1232.846+/-0.404 χ^2/NDF : 655215.9/11

In: 1234.691+/-0.583 χ^2/NDF : 525994.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1232.846+/-0.404 χ^2/NDF : 655215.9/11

asym_us_dd_atlr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 292.348+/-313.991 χ^2/NDF : 1.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 479.513+/-325.761 χ^2/NDF : 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

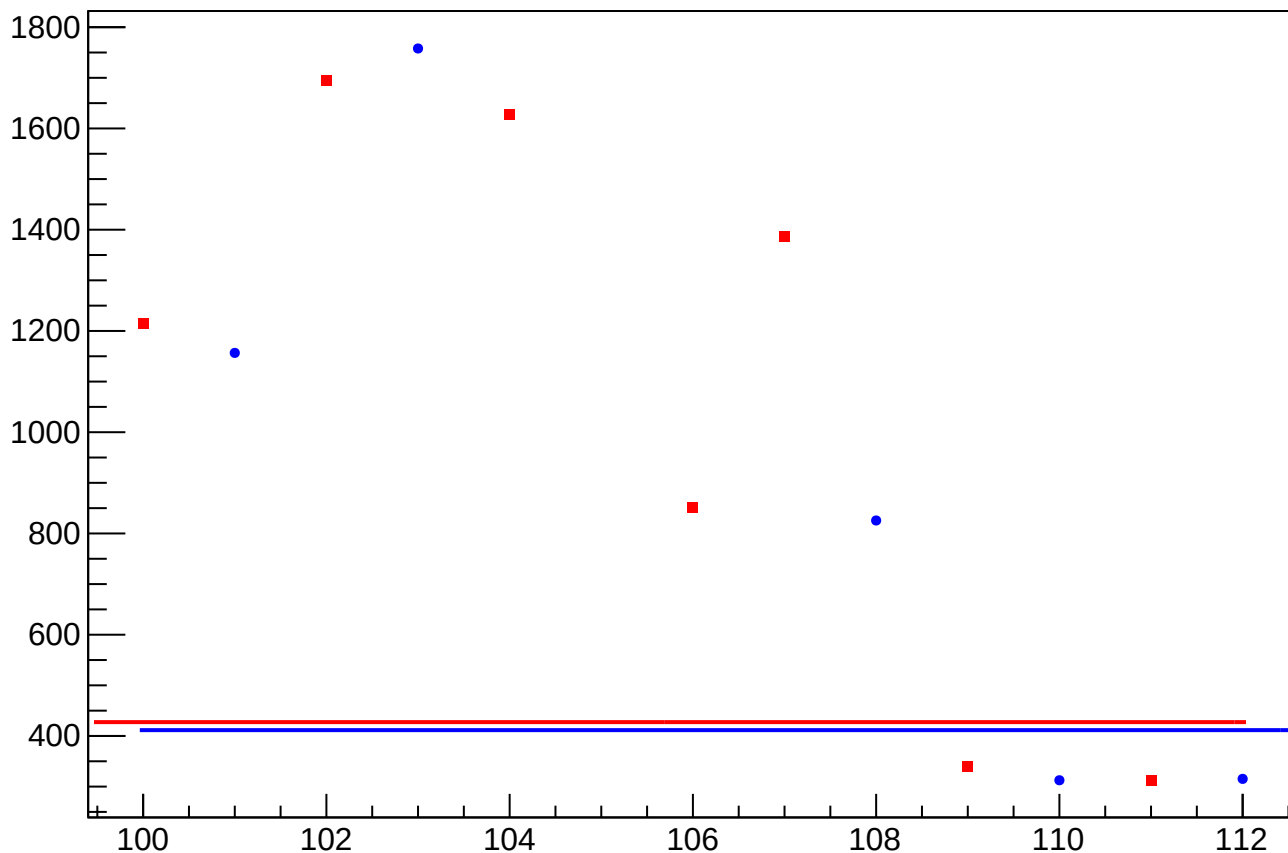
Right: 382.488+/-226.072 χ^2/NDF : 5.6/11

In: 292.348+/-313.991 χ^2/NDF : 1.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 382.488+/-226.072 χ^2/NDF : 5.6/11

asym_us_dd_atlr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 411.512+/-0.222 χ^2/NDF : 1614953.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 427.352+/-0.230 χ^2/NDF : 1910532.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

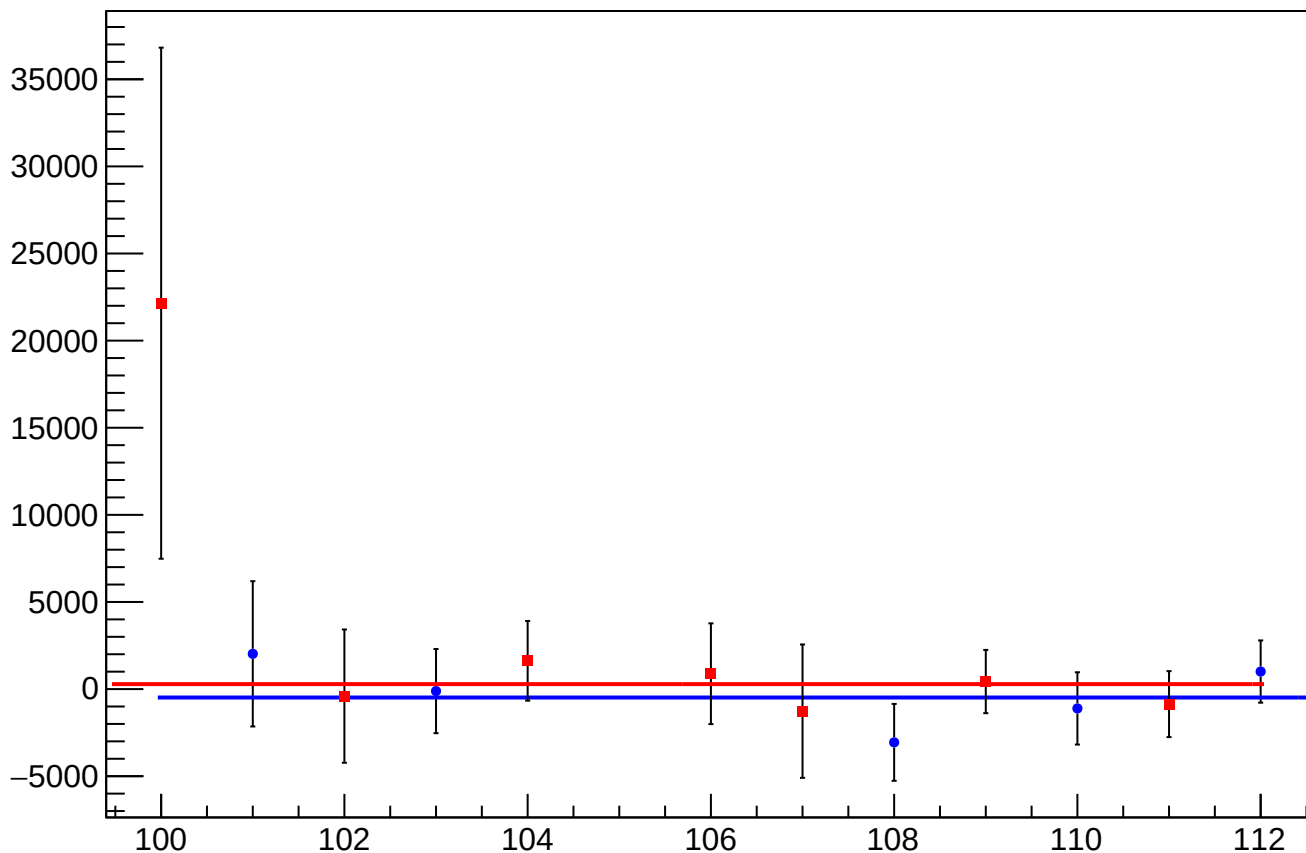
Right: 419.141+/-0.160 χ^2/NDF : 3527937.0/11

In: 411.512+/-0.222 χ^2/NDF : 1614953.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 419.141+/-0.160 χ^2/NDF : 3527937.0/11

asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: -483.624+/-1010.139 χ^2/NDF : 2.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 285.086+/-983.134 χ^2/NDF : 3.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

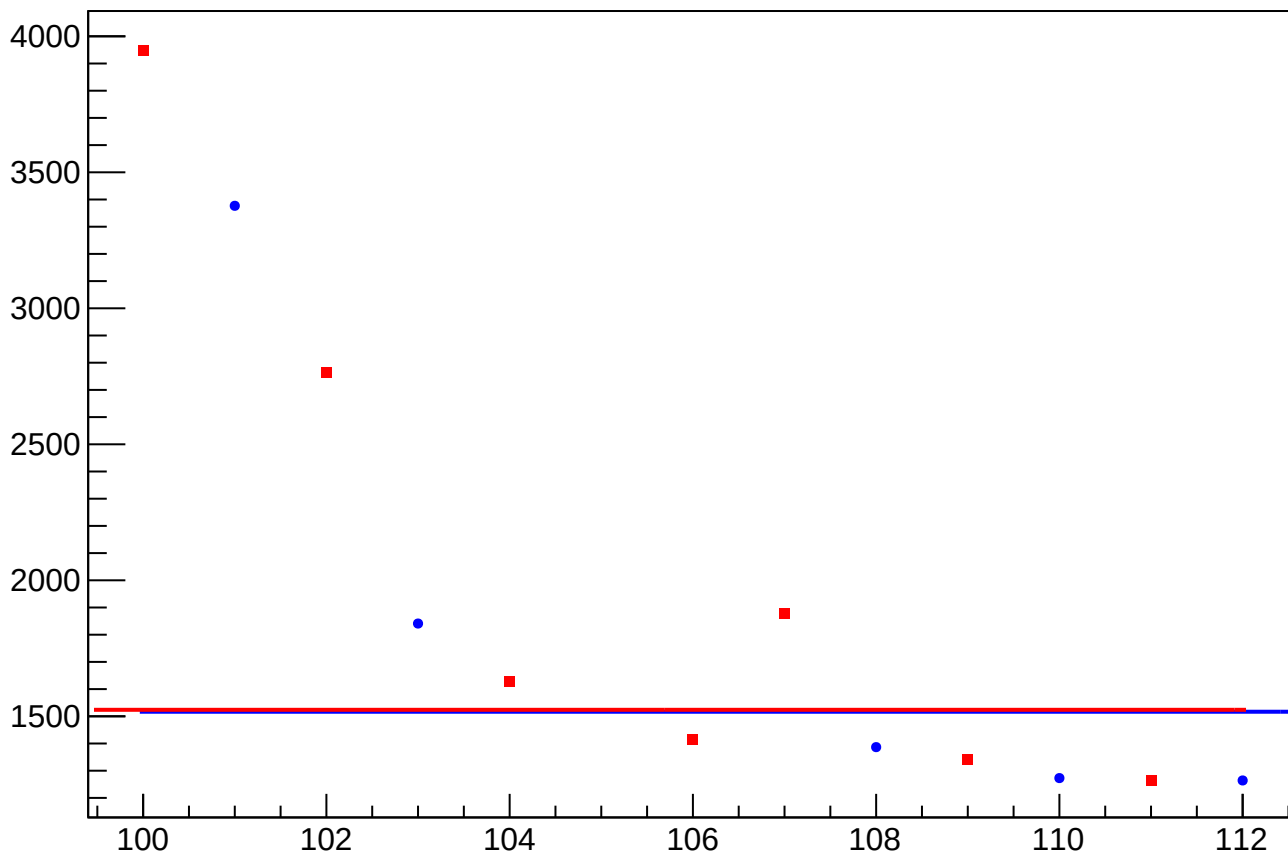
Right: -88.857+/-704.534 χ^2/NDF : 6.0/11

In: -483.624+/-1010.139 χ^2/NDF : 2.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -88.857+/-704.534 χ^2/NDF : 6.0/11

asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1516.801+/-0.714 χ^2/NDF : 508787.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1523.879+/-0.695 χ^2/NDF : 346323.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

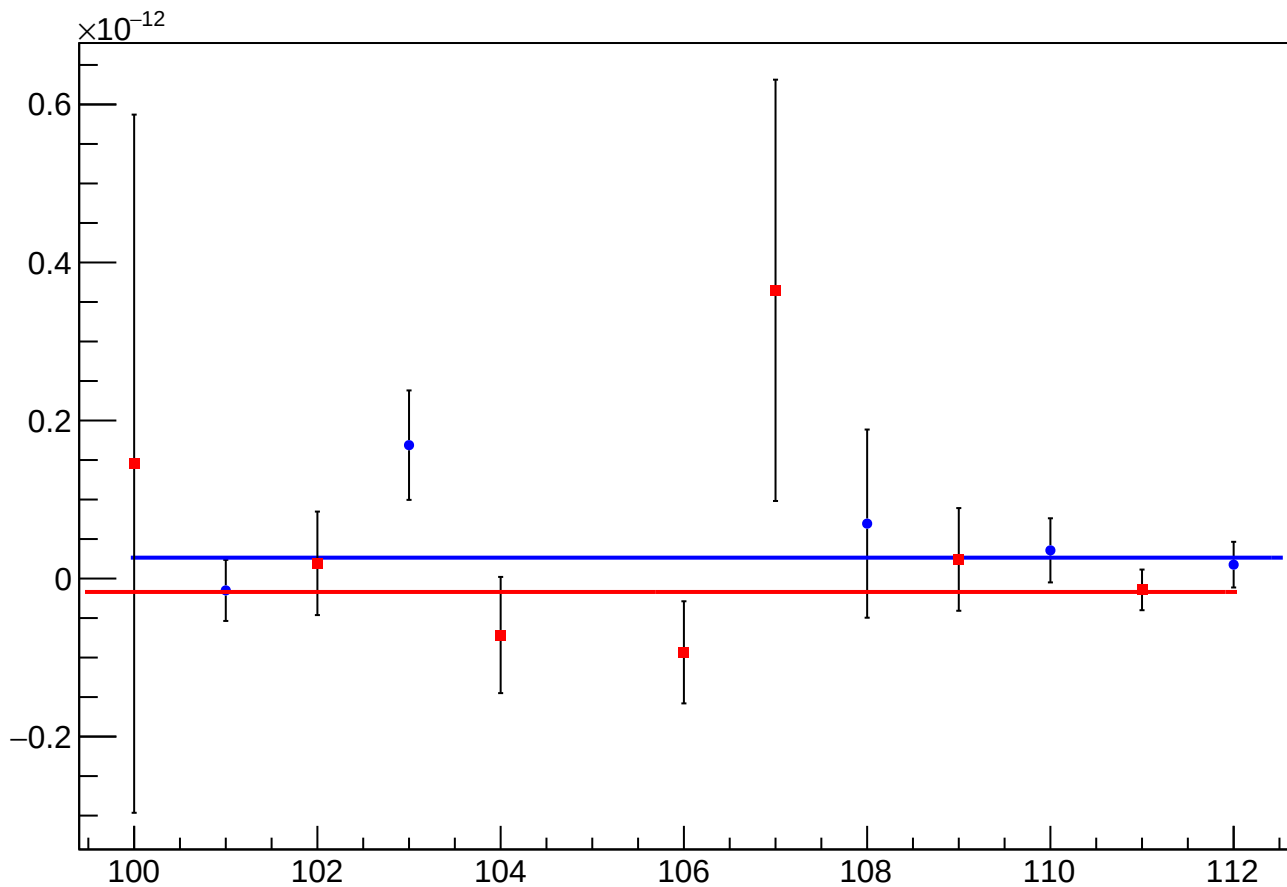
Right: 1520.436+/-0.498 χ^2/NDF : 855162.0/11

In: 1516.801+/-0.714 χ^2/NDF : 508787.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1520.436+/-0.498 χ^2/NDF : 855162.0/11

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

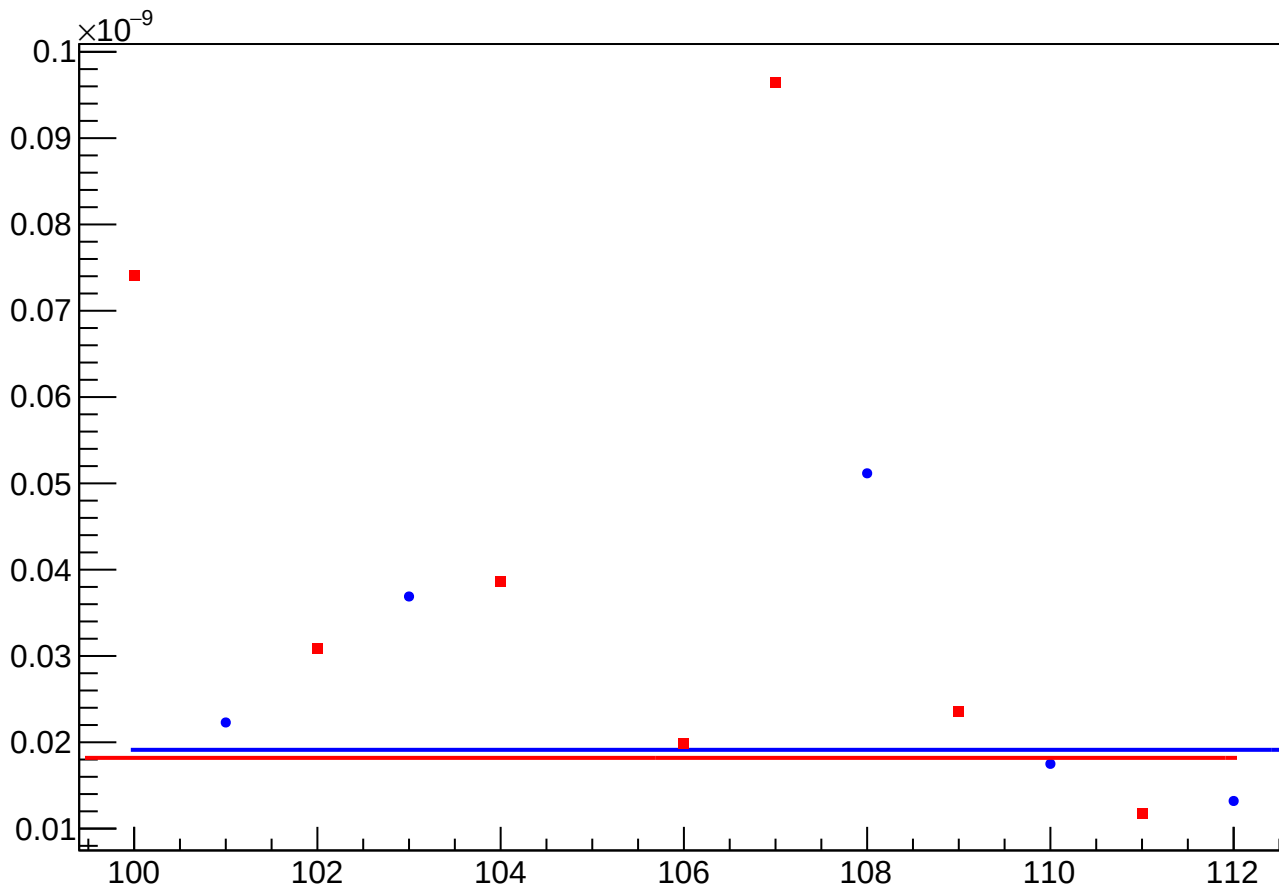
Right: 0.000+/-0.000 χ^2/NDF : 12.9/11

In: 0.000+/-0.000 χ^2/NDF : 5.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.9/11

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 377140.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 573849.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

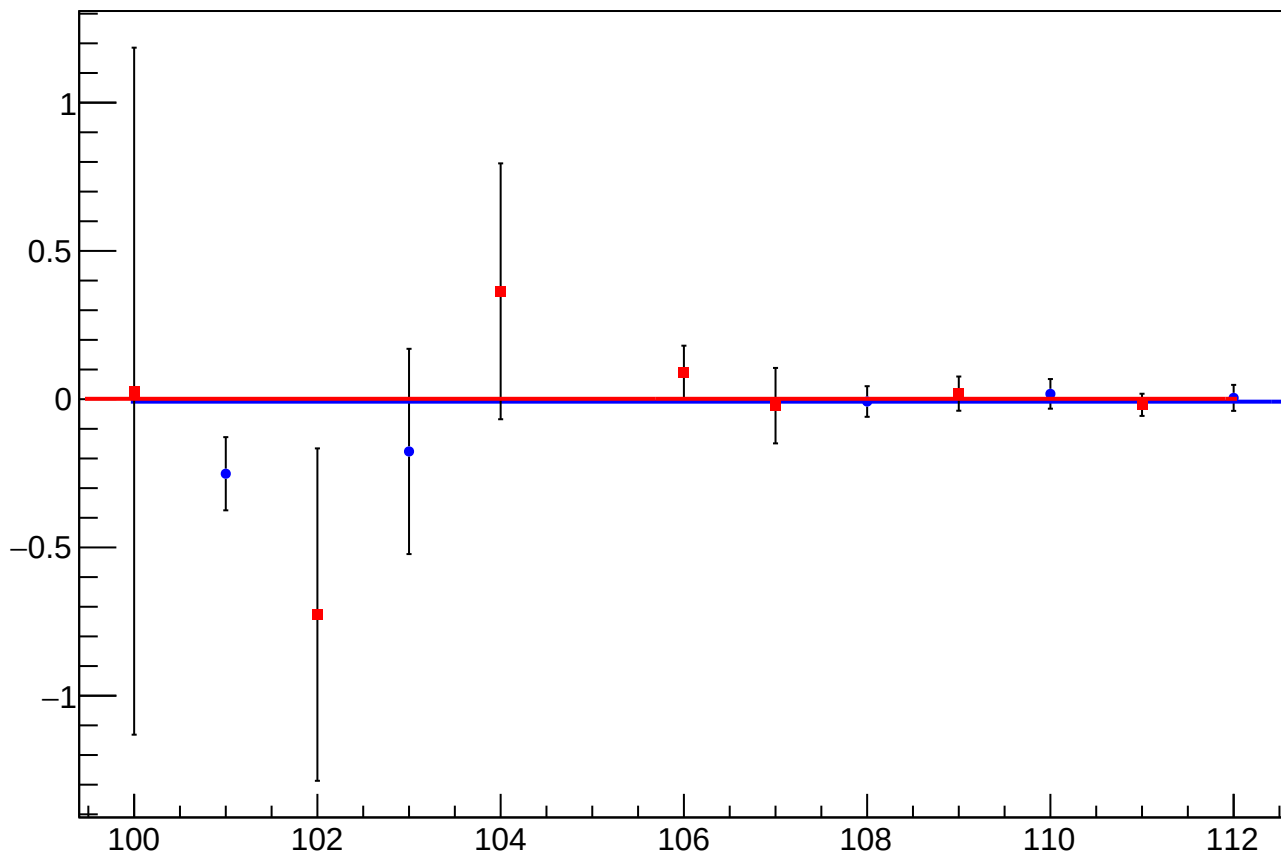
Right: 0.000+/-0.000 χ^2/NDF : 953231.5/11

In: 0.000+/-0.000 χ^2/NDF : 377140.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 953231.5/11

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 $\pm$ 0.027 χ^2 /NDF: 4.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.029 χ^2 /NDF: 3.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

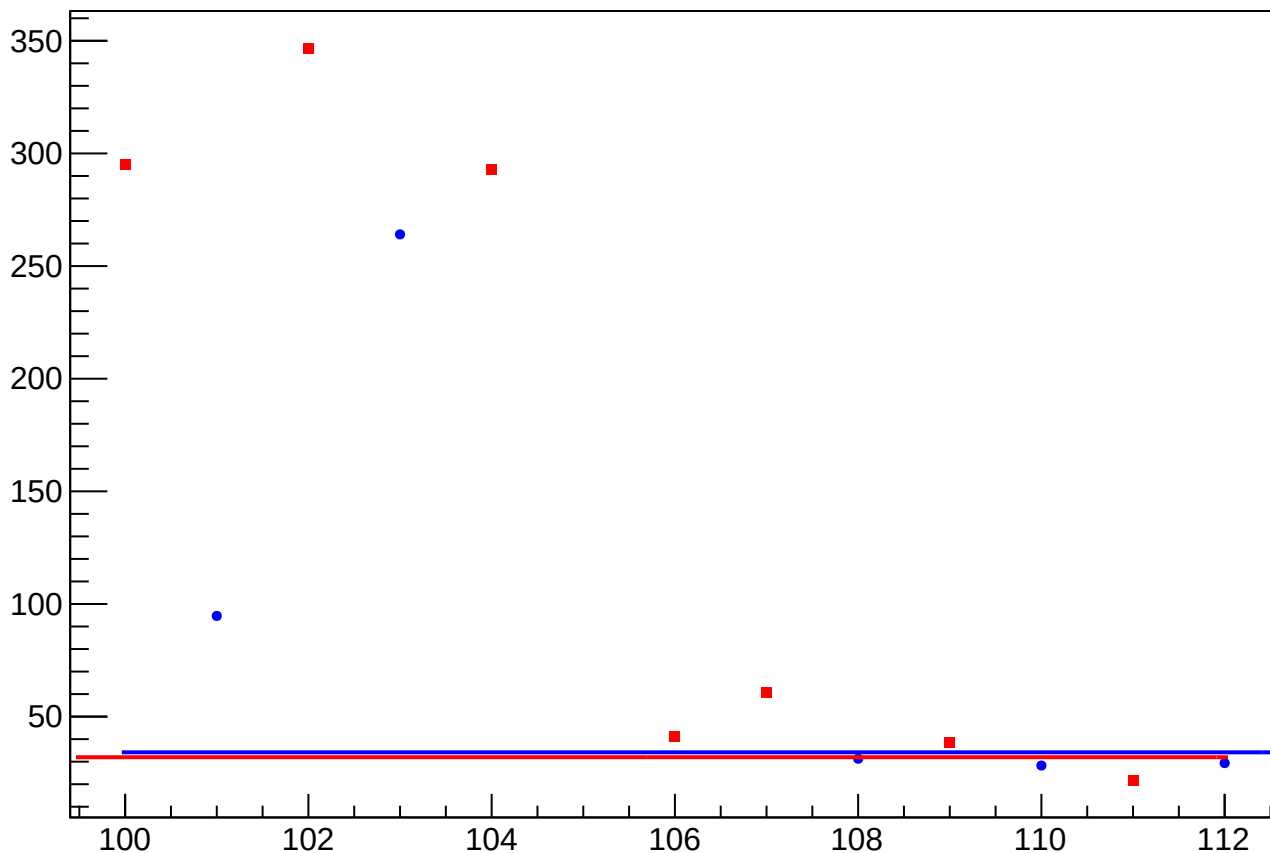
Right: -0.004 $\pm$ 0.020 χ^2 /NDF: 8.3/11

In: -0.008 $\pm$ 0.027 χ^2 /NDF:4.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.020 χ^2 /NDF: 8.3/11

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.146+/-0.019 χ^2/NDF : 1421297.3/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 31.973+/-0.020 χ^2/NDF : 1770631.1/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

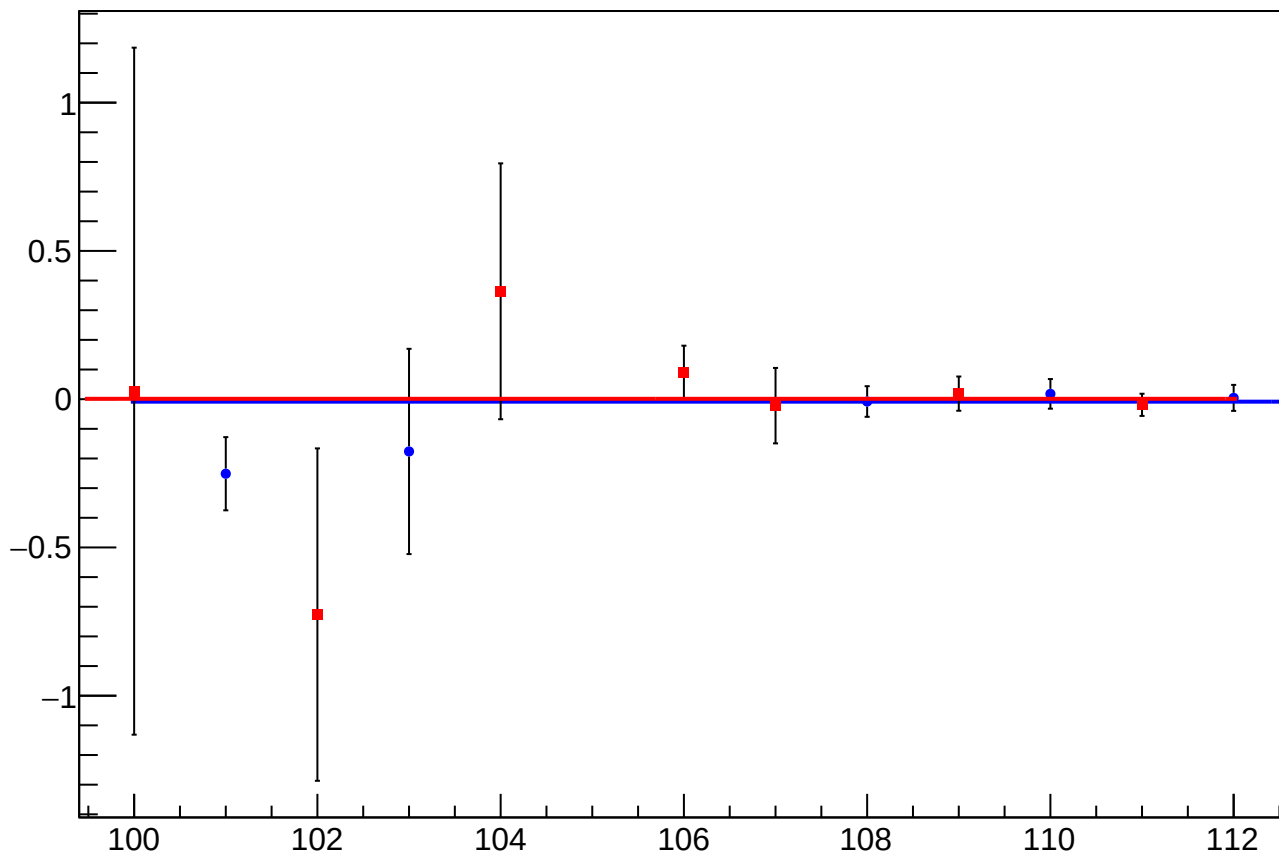
Right: 33.126+/-0.014 χ^2/NDF : 3197998.6/11

In: 34.146+/-0.019 χ^2/NDF :1421297.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 33.126+/-0.014 χ^2/NDF : 3197998.6/11

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 $\pm$ 0.027 χ^2 /NDF: 4.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.029 χ^2 /NDF: 3.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

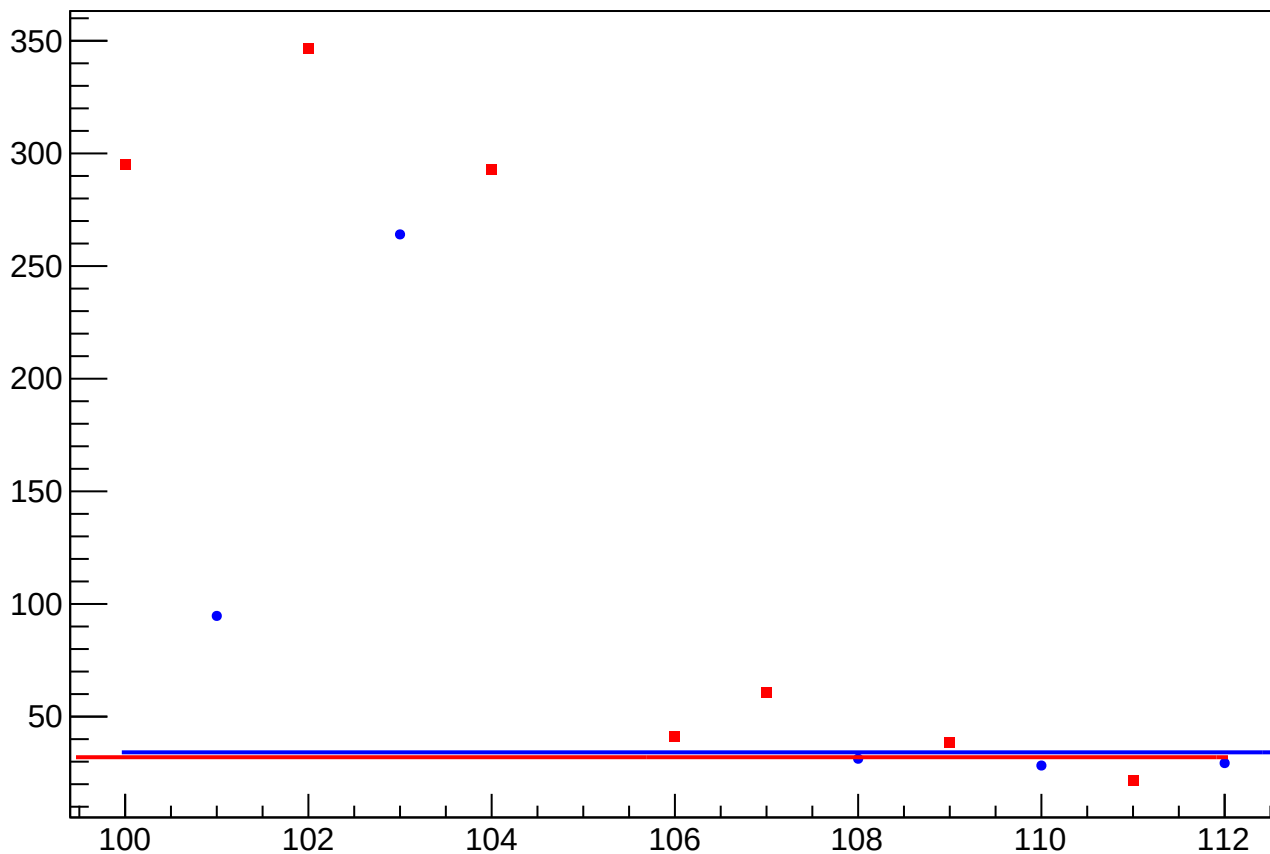
Right: -0.004 $\pm$ 0.020 χ^2 /NDF: 8.3/11

In: -0.008 $\pm$ 0.027 χ^2 /NDF:4.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.020 χ^2 /NDF: 8.3/11

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.146+/-0.019 χ^2/NDF : 1421297.3/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 31.973+/-0.020 χ^2/NDF : 1770631.1/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

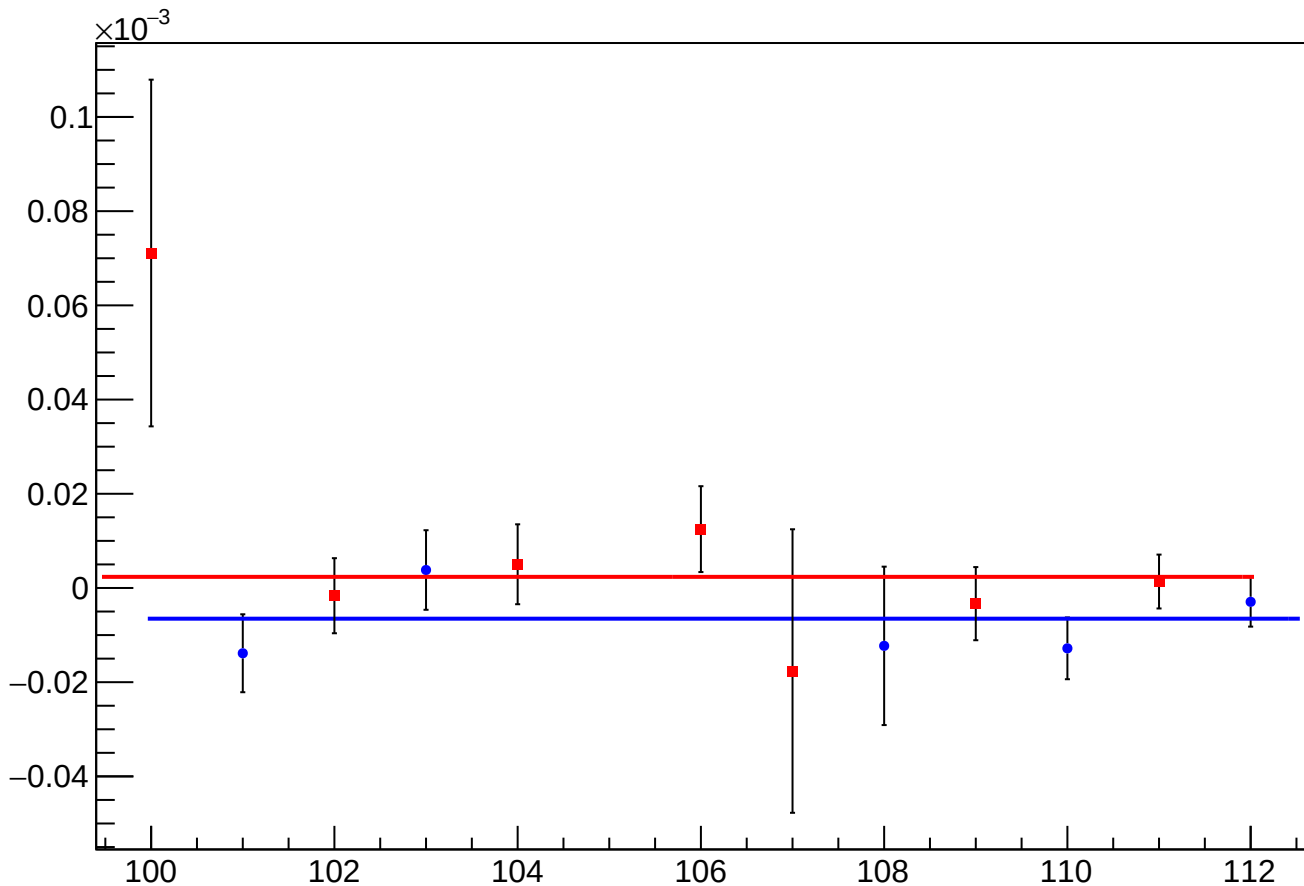
Right: 33.126+/-0.014 χ^2/NDF : 3197998.6/11

In: 34.146+/-0.019 χ^2/NDF :1421297.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 33.126+/-0.014 χ^2/NDF : 3197998.6/11

asym_us_dd_atlr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

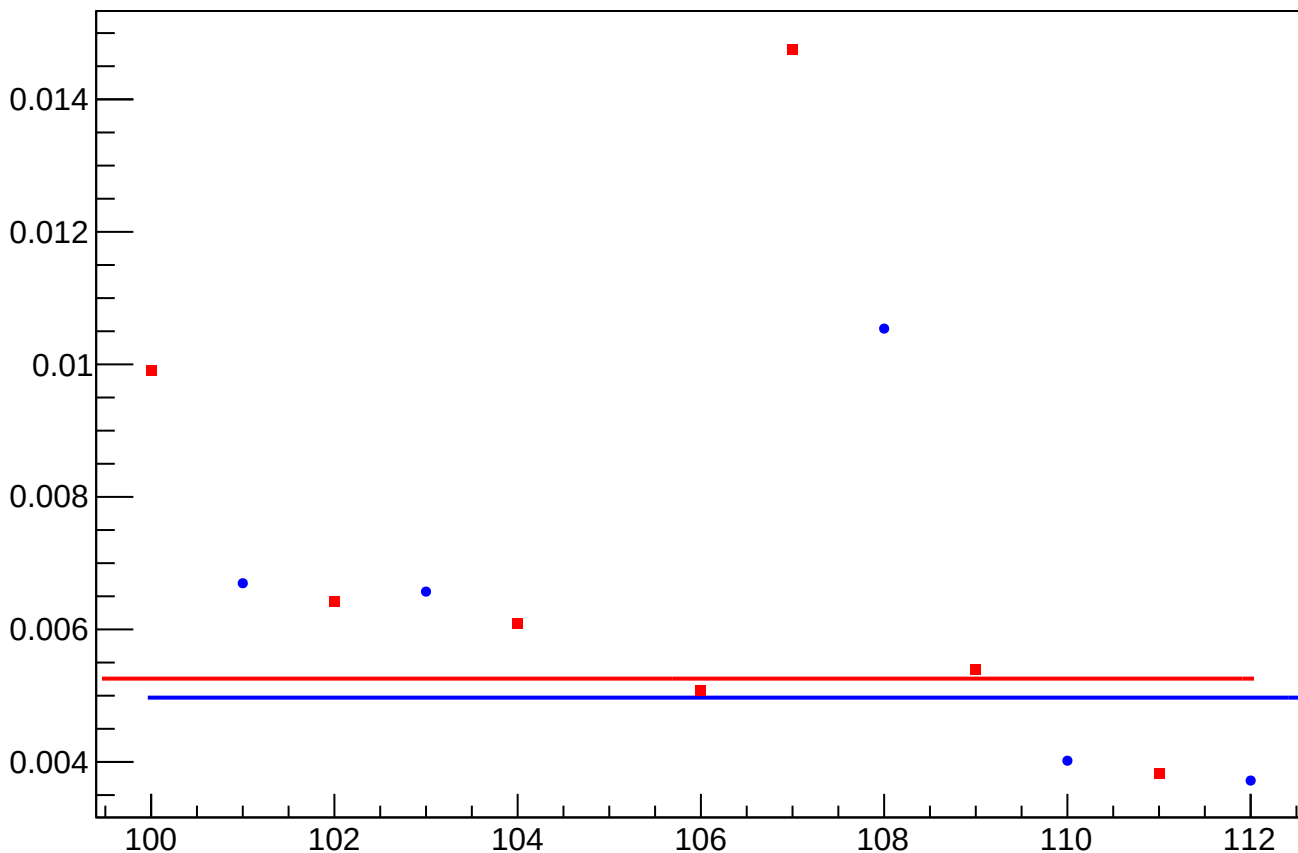
Right: -0.000+/-0.000 χ^2/NDF : 13.5/11

In: -0.000+/-0.000 χ^2/NDF : 3.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.5/11

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 : 533571.4/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 420752.7/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

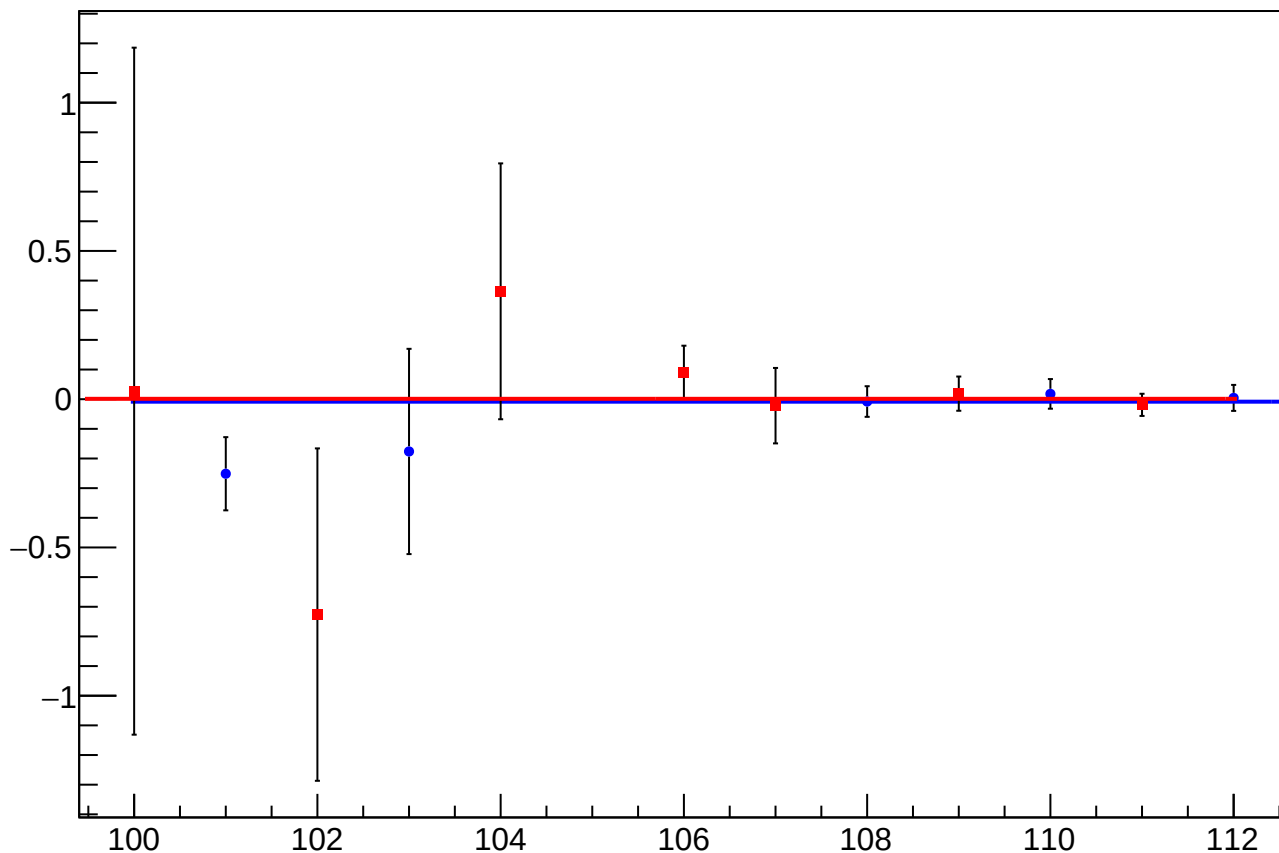
Right: 0.005+/-0.000 χ^2/NDF : 961823.4/11

In: 0.005+/-0.000 χ^2/NDF :533571.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 961823.4/11

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008+/-0.027 χ^2/NDF : 4.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.029 χ^2/NDF : 3.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

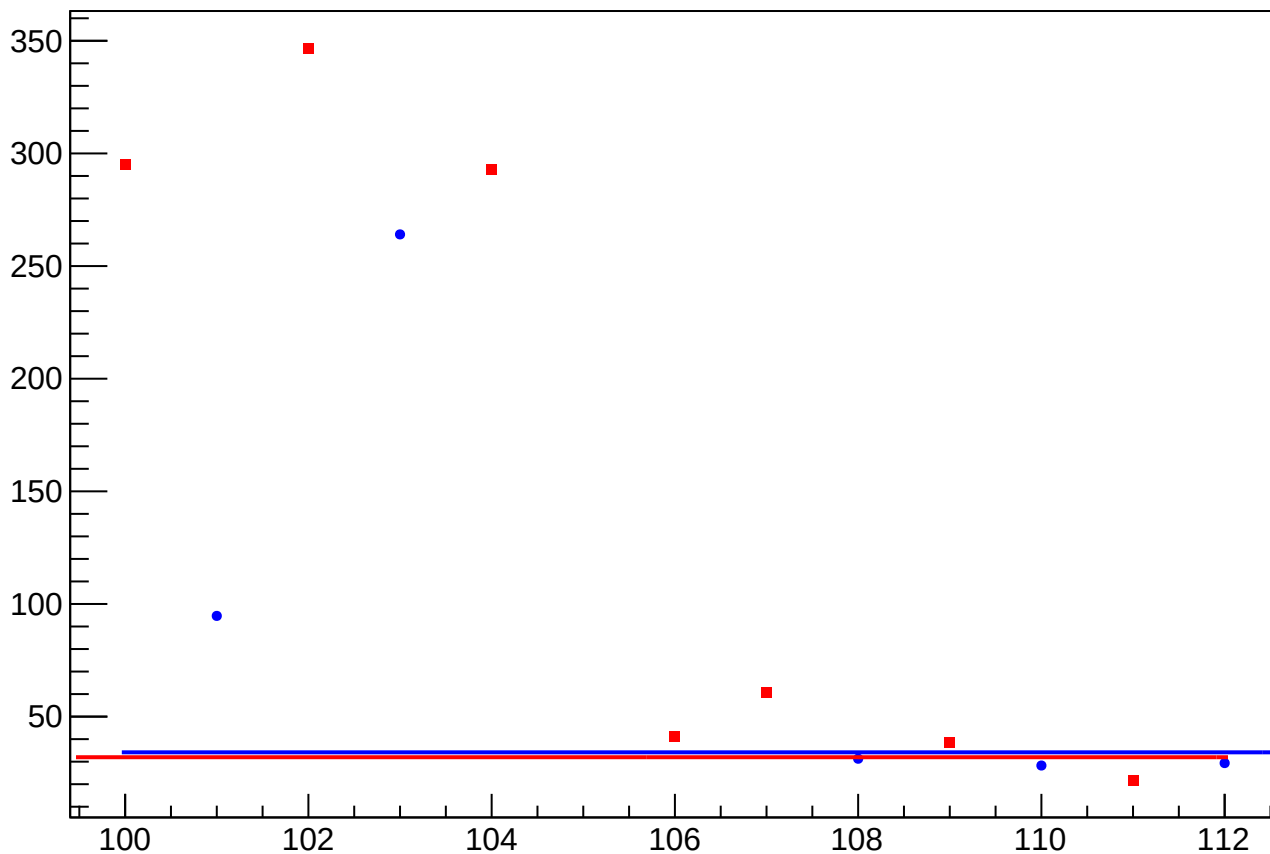
Right: -0.004+/-0.020 χ^2/NDF : 8.3/11

In: -0.008+/-0.027 χ^2/NDF : 4.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.004+/-0.020 χ^2/NDF : 8.3/11

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.145+/-0.019 χ^2/NDF : 1421324.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.970+/-0.020 χ^2/NDF : 1770767.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

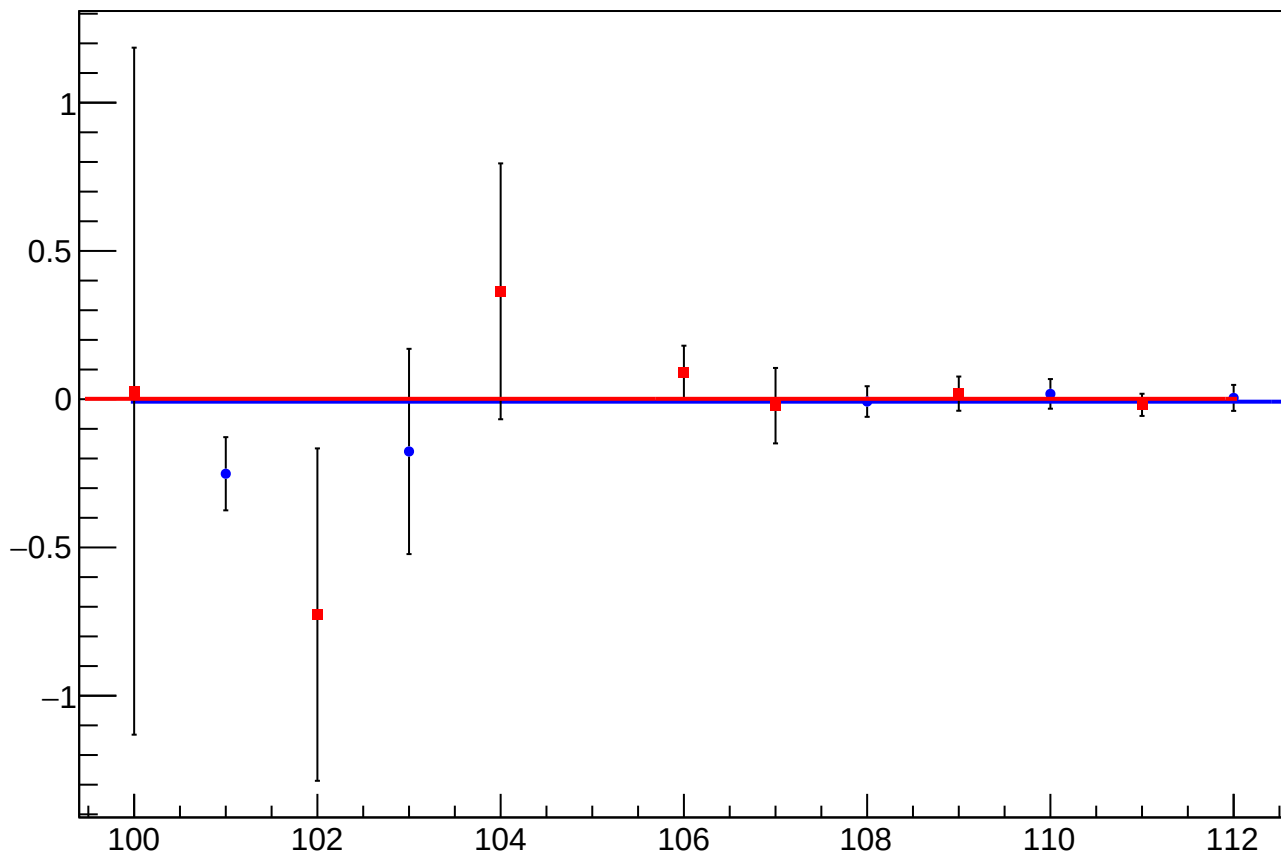
Right: 33.124+/-0.014 χ^2/NDF : 3198179.7/11

In: 34.145+/-0.019 χ^2/NDF : 1421324.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.124+/-0.014 χ^2/NDF : 3198179.7/11

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 $\pm$ 0.027 χ^2 /NDF: 4.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.029 χ^2 /NDF: 3.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

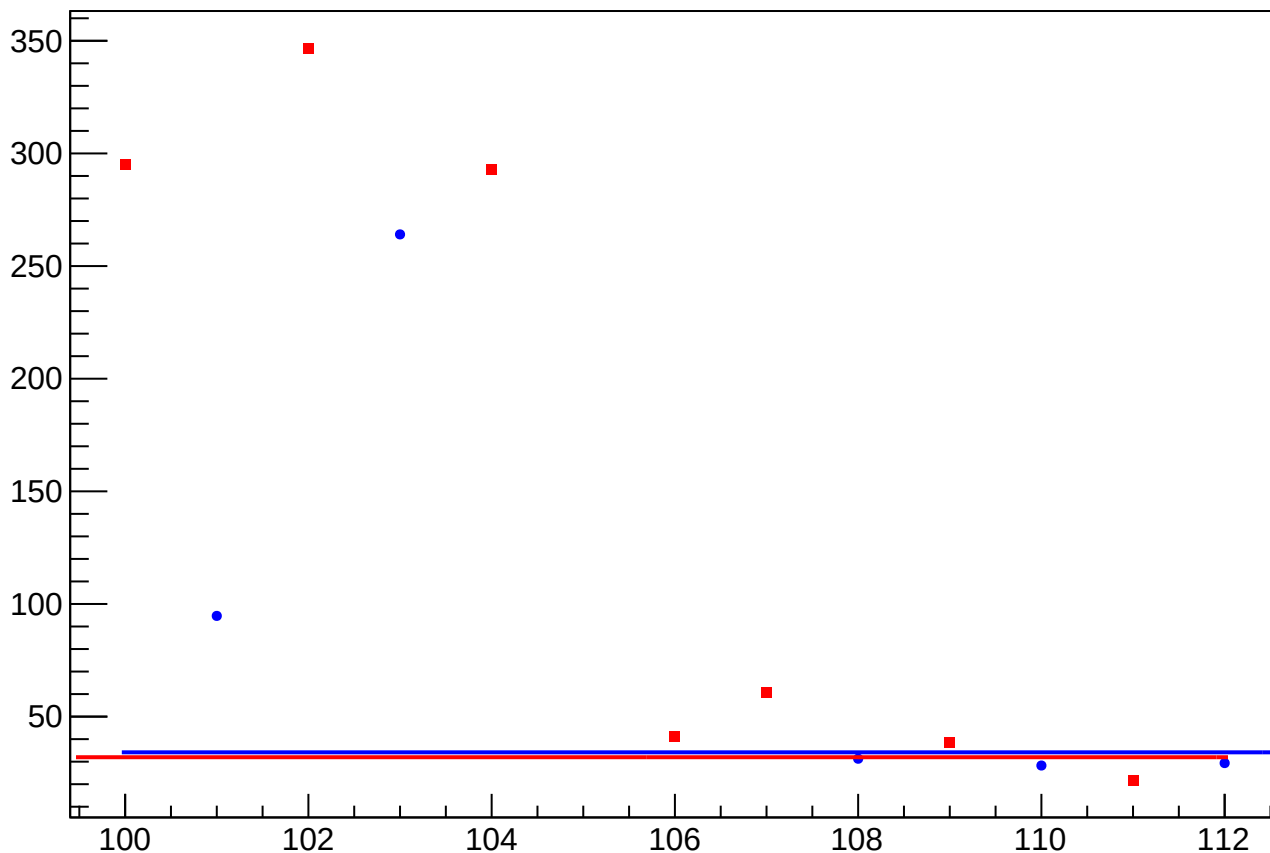
Right: -0.004 $\pm$ 0.020 χ^2 /NDF: 8.3/11

In: -0.008 $\pm$ 0.027 χ^2 /NDF:4.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.020 χ^2 /NDF: 8.3/11

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.145+/-0.019 χ^2/NDF : 1421324.7/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 31.970+/-0.020 χ^2/NDF : 1770767.1/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

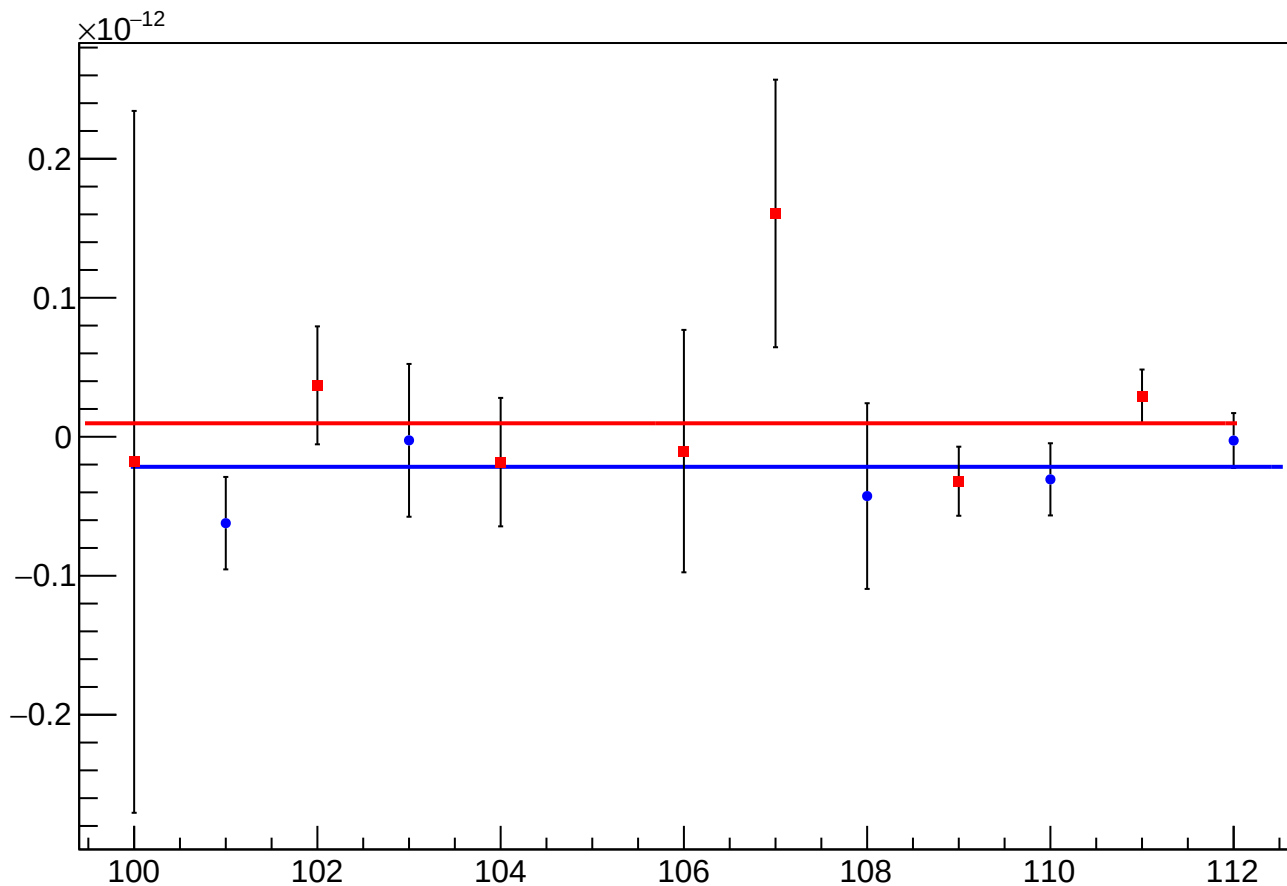
Right: 33.124+/-0.014 χ^2/NDF : 3198179.7/11

In: 34.145+/-0.019 χ^2/NDF :1421324.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 33.124+/-0.014 χ^2/NDF : 3198179.7/11

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 : 2.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

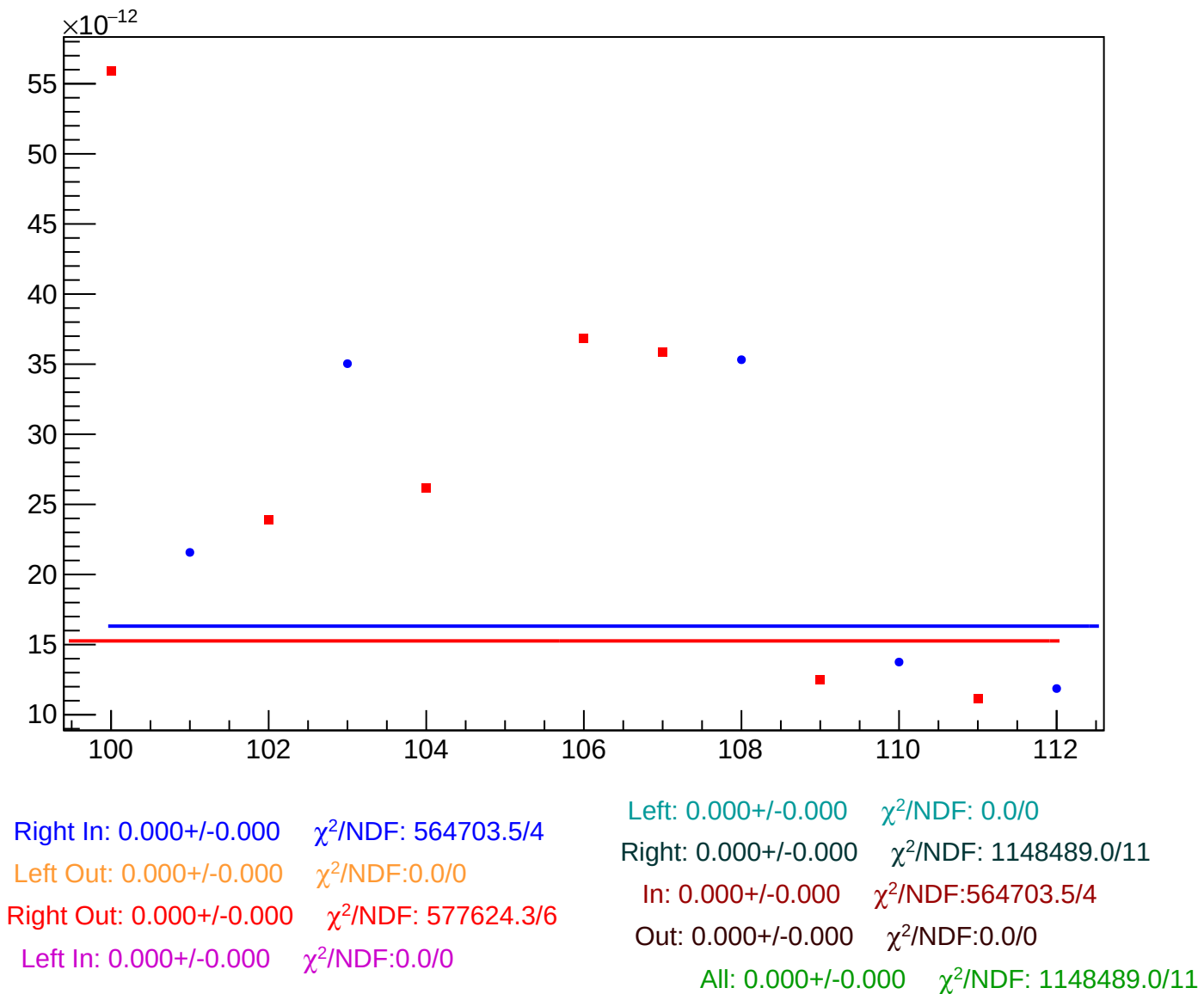
Right: -0.000+/-0.000 χ^2/NDF : 12.6/11

In: -0.000+/-0.000 χ^2/NDF : 2.7/4

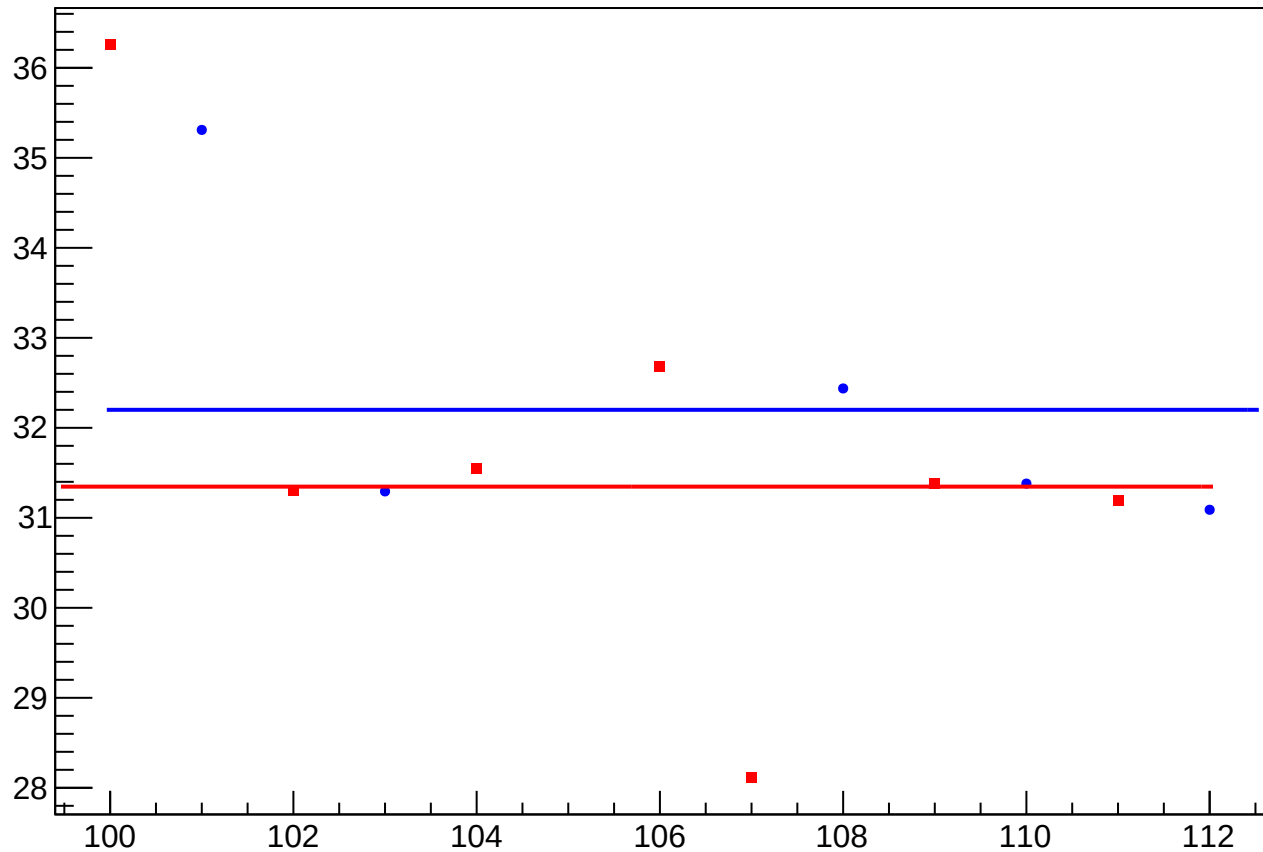
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.6/11

asym_us_dd_atlr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



yield_usl_mean vs Slug, Sign Corrected



Right In: 32.200+/-0.000 χ^2/NDF : 760664648.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.347+/-0.000 χ^2/NDF : 203049045.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

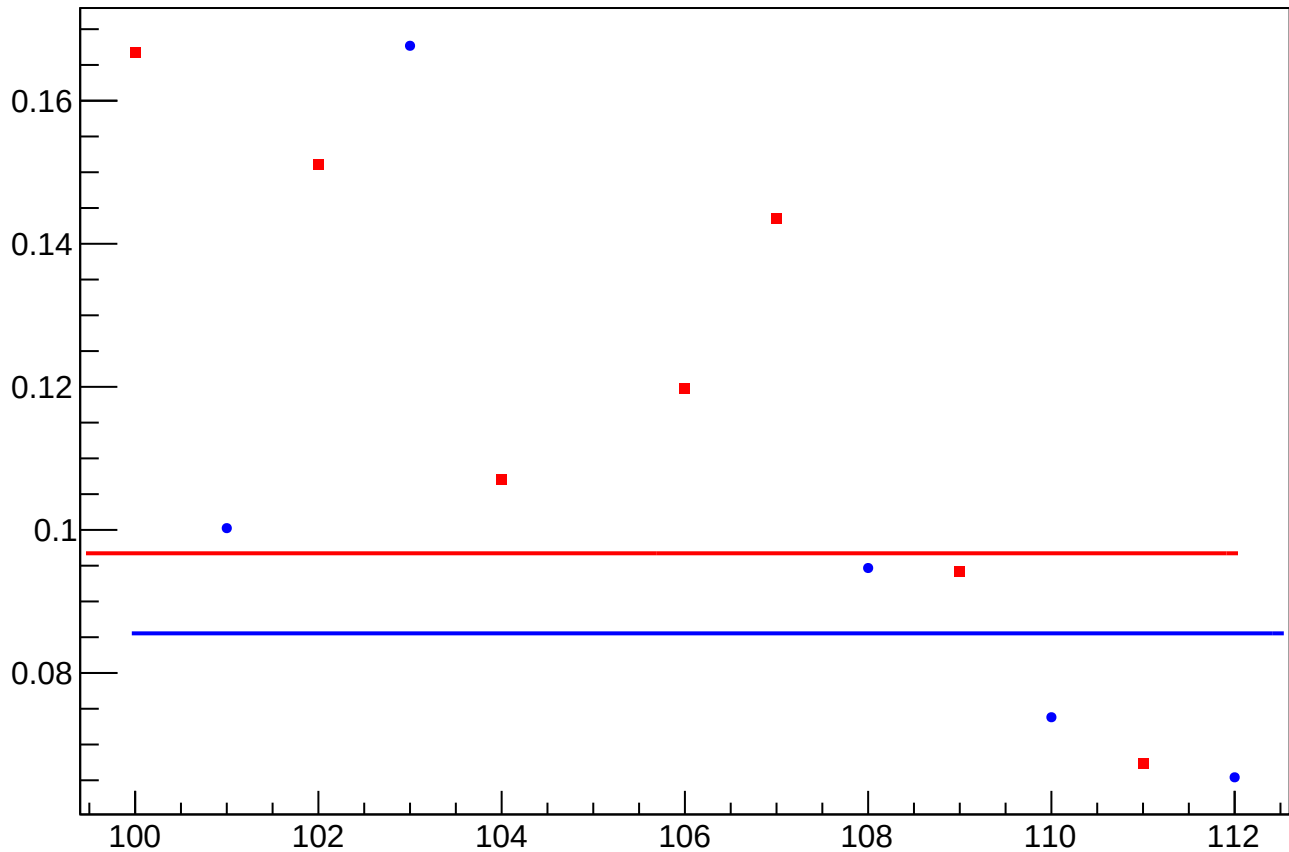
Right: 31.811+/-0.000 χ^2/NDF : 1059229794.6/11

In: 32.200+/-0.000 χ^2/NDF : 760664648.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.811+/-0.000 χ^2/NDF : 1059229794.6/11

yield_usl_rms vs Slug, Sign Corrected



Right In: 0.086+/-0.000 χ^2/NDF : 419156.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.097+/-0.000 χ^2/NDF : 406947.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

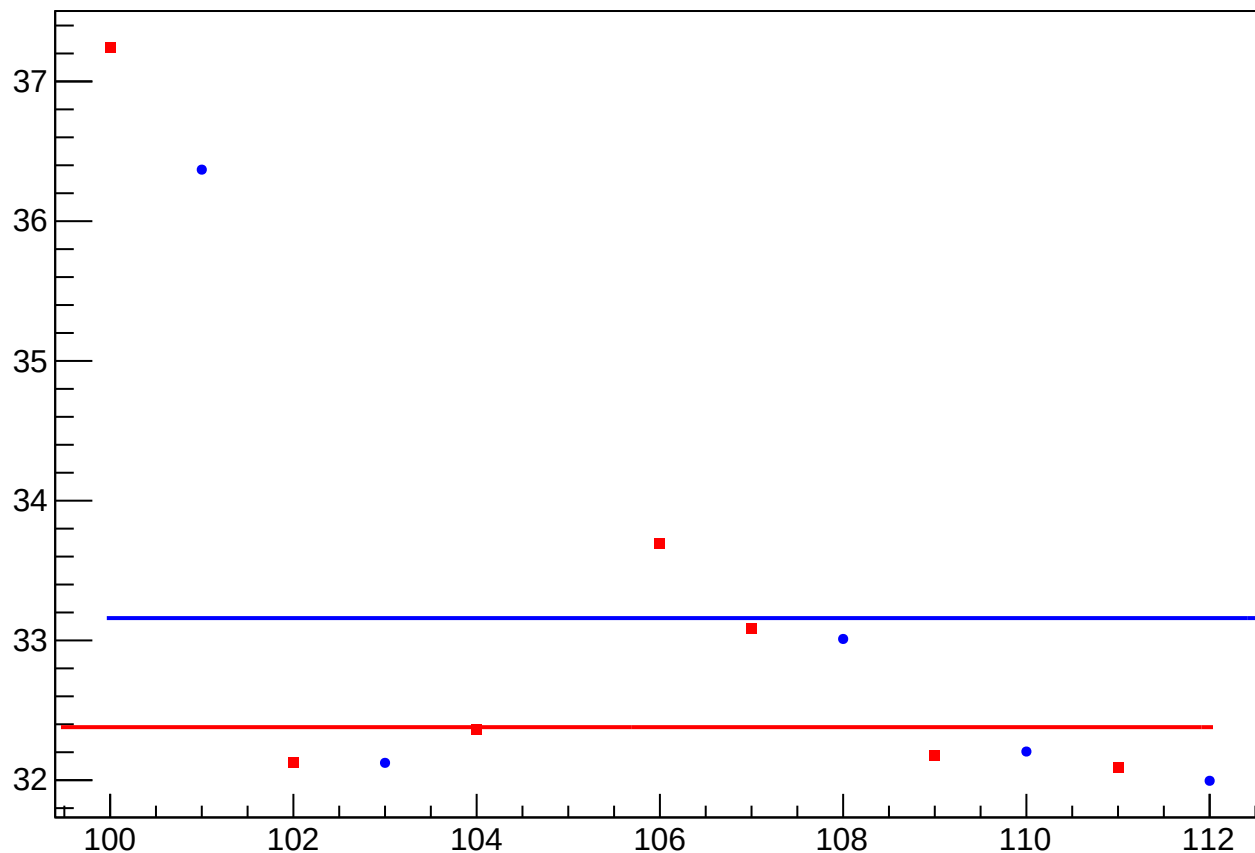
Right: 0.091+/-0.000 χ^2/NDF : 858955.7/11

In: 0.086+/-0.000 χ^2/NDF : 419156.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.091+/-0.000 χ^2/NDF : 858955.7/11

yield_usr_mean vs Slug, Sign Corrected



Right In: 33.160+/-0.000 χ^2/NDF : 595420042.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.379+/-0.000 χ^2/NDF : 72957900.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

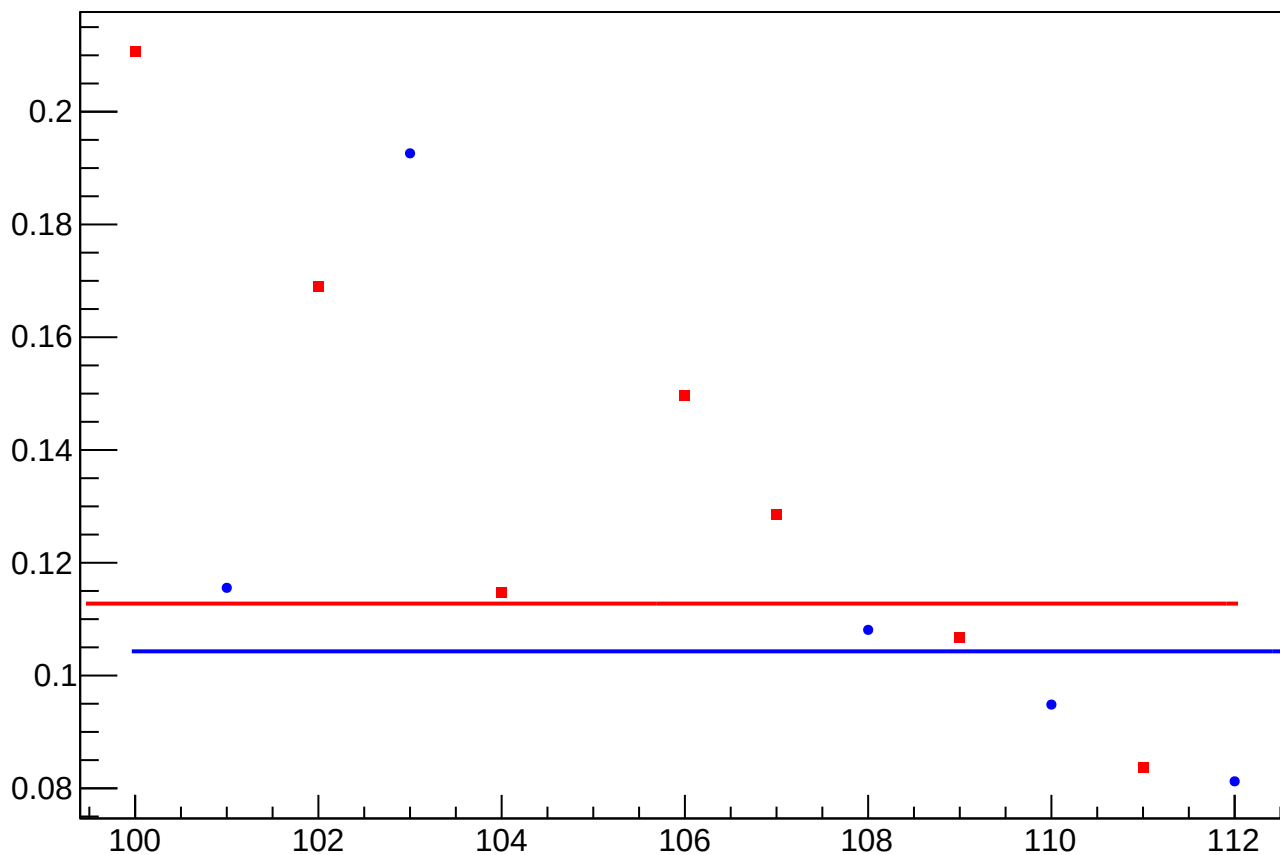
Right: 32.786+/-0.000 χ^2/NDF : 725565085.3/11

In: 33.160+/-0.000 χ^2/NDF : 595420042.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.786+/-0.000 χ^2/NDF : 725565085.3/11

yield_usr_rms vs Slug, Sign Corrected



Right In: 0.104+/-0.000 χ^2/NDF : 340920.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.113+/-0.000 χ^2/NDF : 303890.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

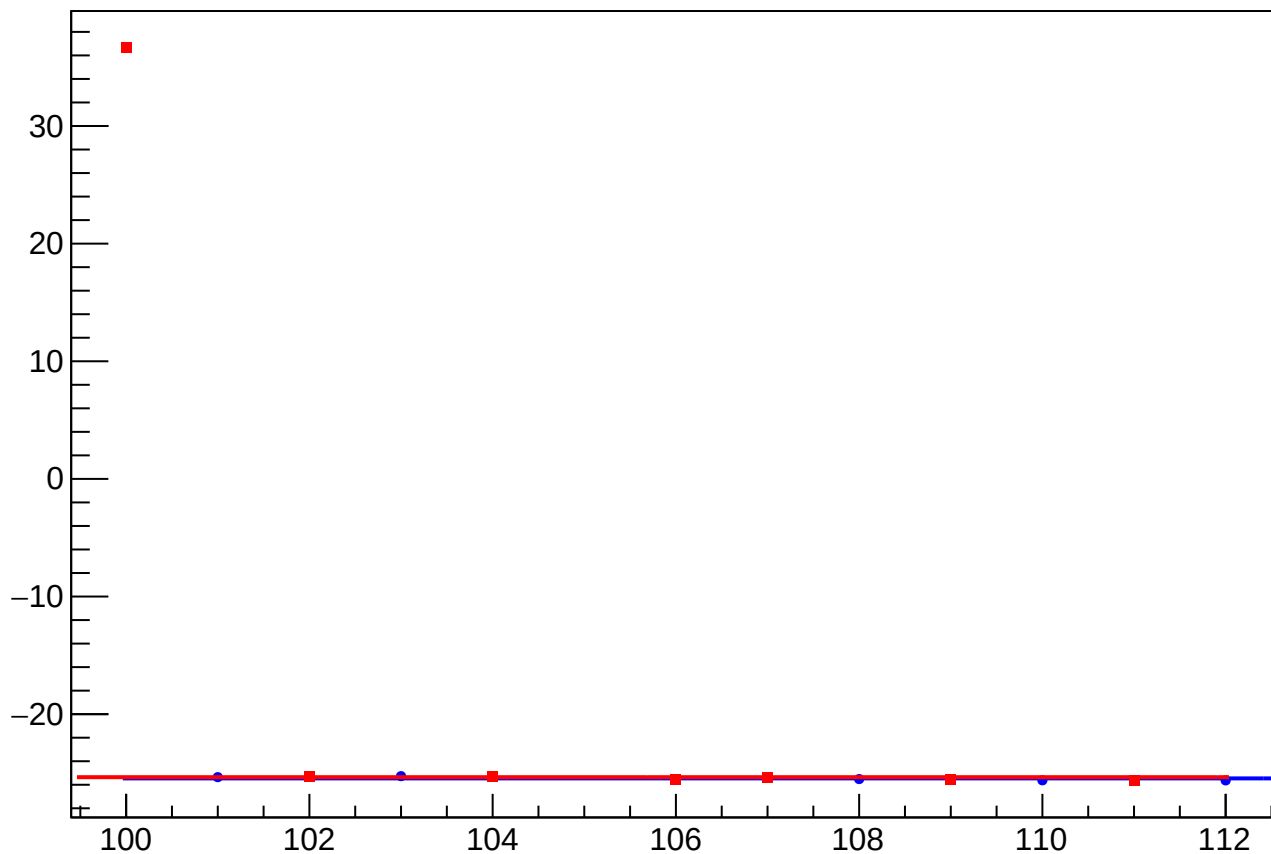
Right: 0.108+/-0.000 χ^2/NDF : 658273.0/11

In: 0.104+/-0.000 χ^2/NDF : 340920.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.108+/-0.000 χ^2/NDF : 658273.0/11

yield_dsl_mean vs Slug, Sign Corrected



Right In: -25.459+/-0.000 χ^2/NDF : 33558072.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.357+/-0.000 χ^2/NDF : 8791929683.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

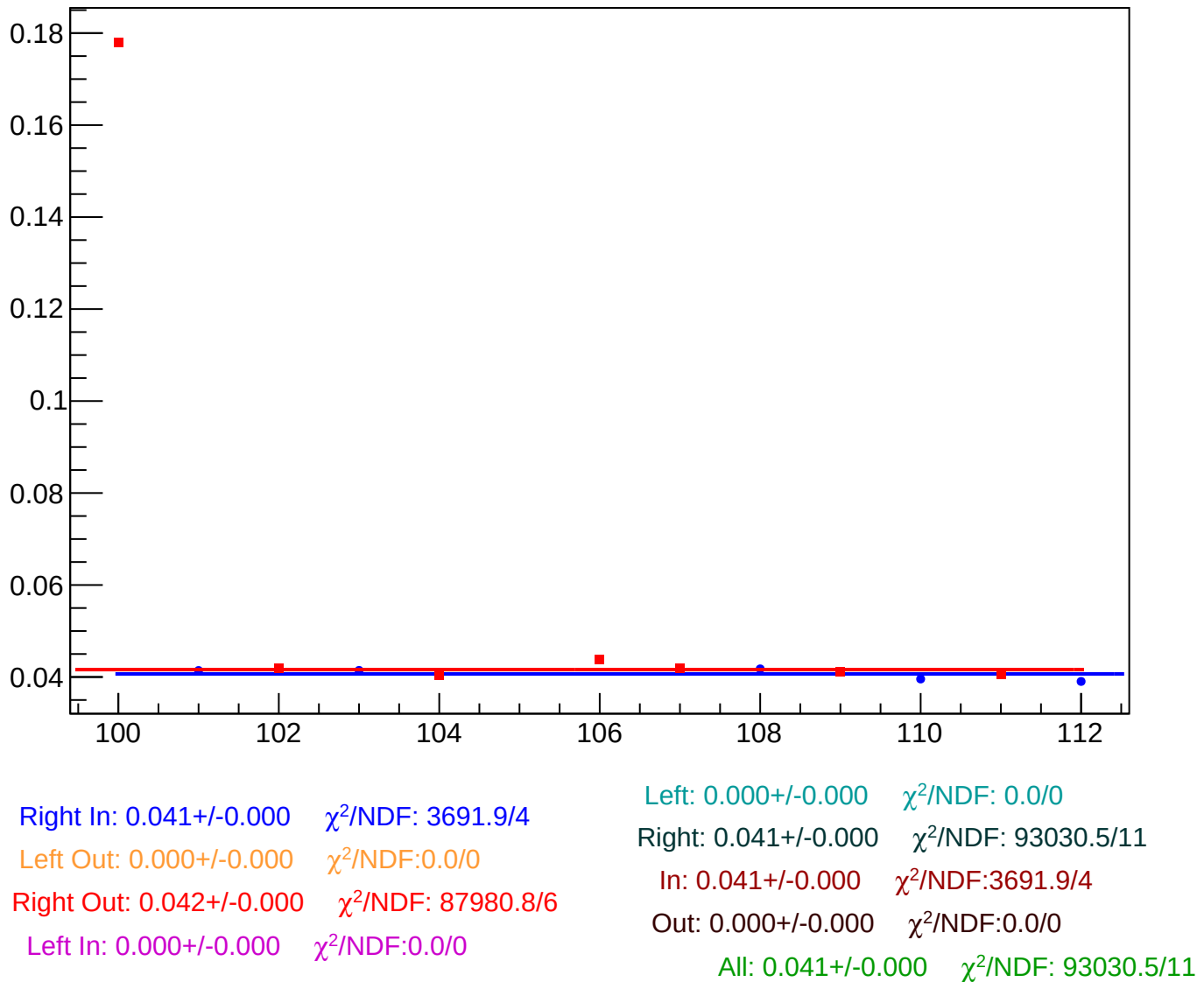
Right: -25.407+/-0.000 χ^2/NDF : 8833635214.5/11

In: -25.459+/-0.000 χ^2/NDF : 33558072.3/4

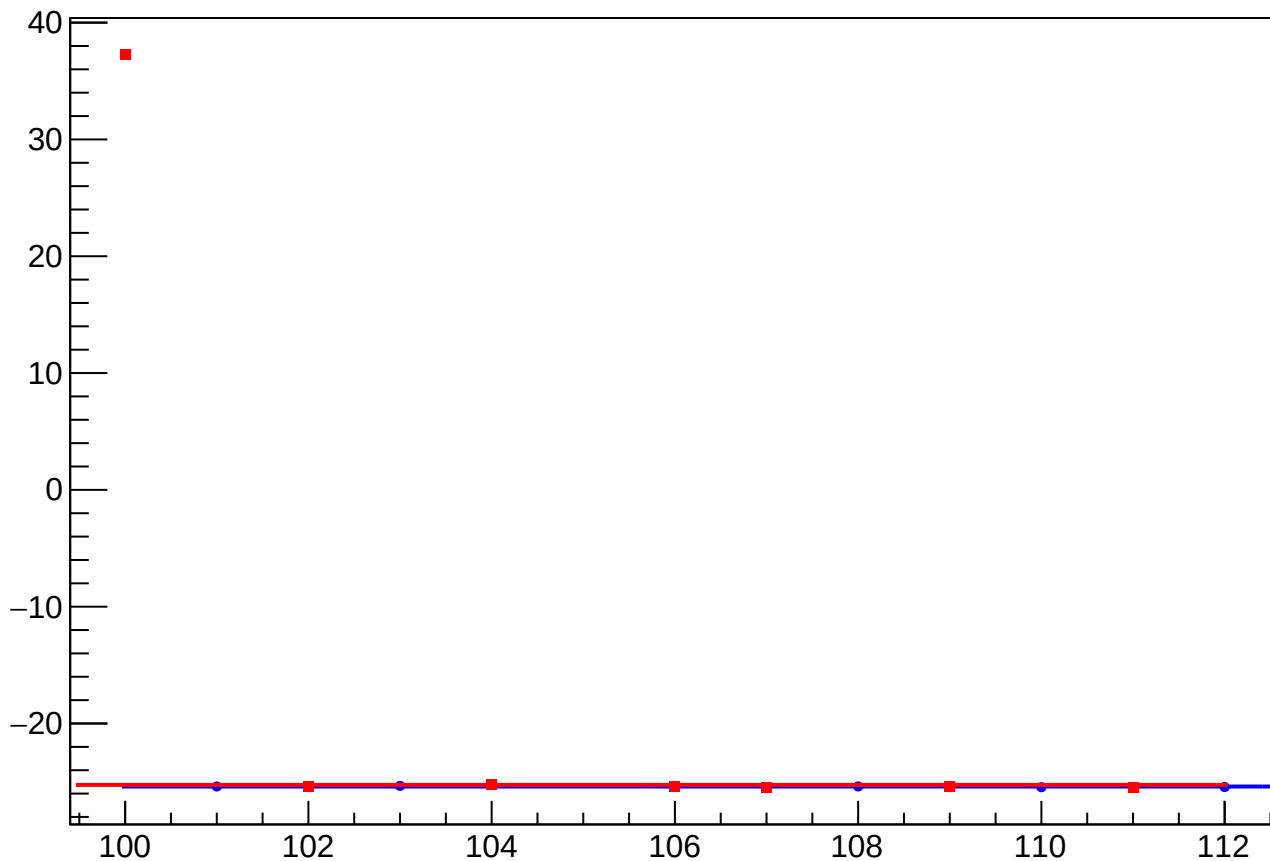
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.407+/-0.000 χ^2/NDF : 8833635214.5/11

yield_dsl_rms vs Slug, Sign Corrected



yield_dsr_mean vs Slug, Sign Corrected



Right In: -25.396+/-0.000 χ^2/NDF : 1179017.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.256+/-0.000 χ^2/NDF : 6298408428.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

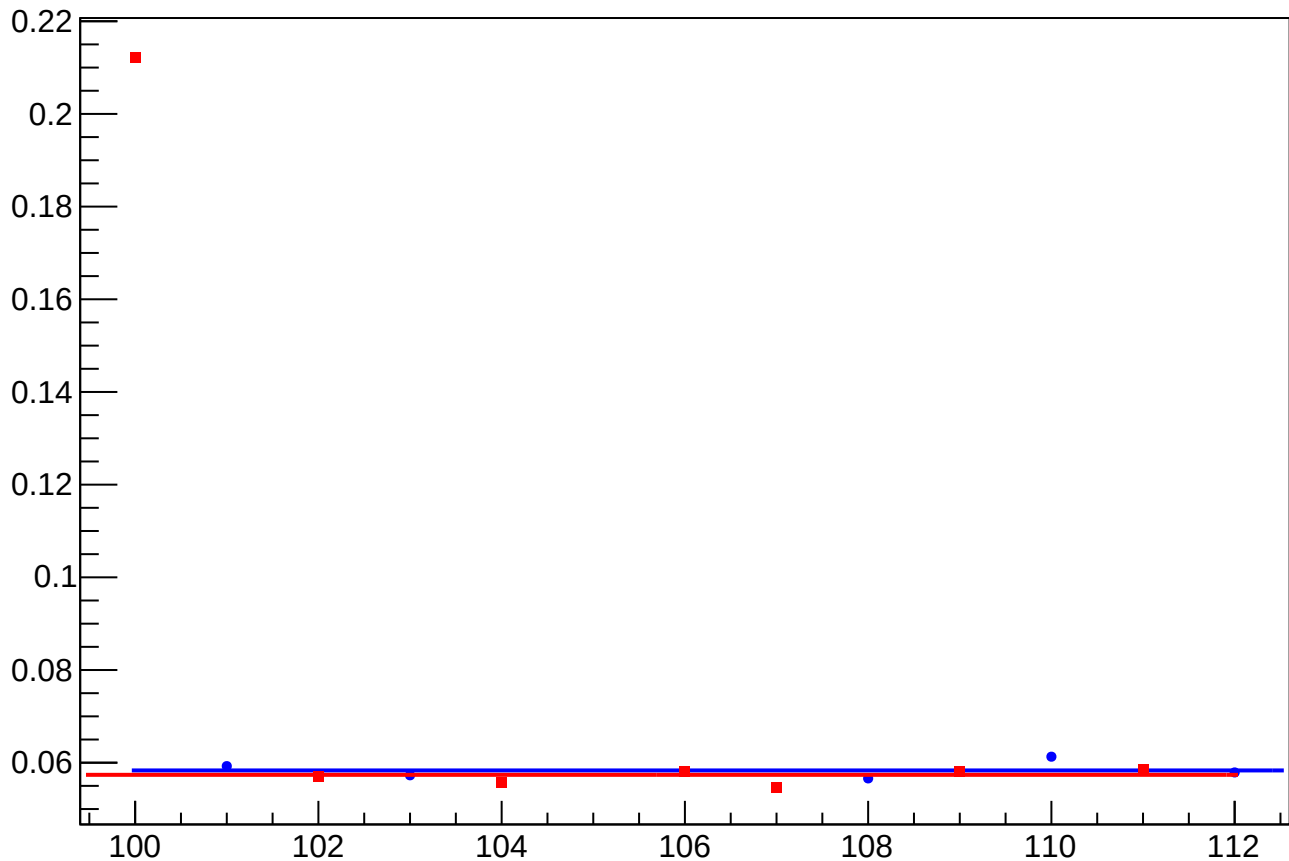
Right: -25.322+/-0.000 χ^2/NDF : 6307139000.1/11

In: -25.396+/-0.000 χ^2/NDF : 1179017.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.322+/-0.000 χ^2/NDF : 6307139000.1/11

yield_dsr_rms vs Slug, Sign Corrected



Right In: 0.058+/-0.000 χ^2/NDF : 3151.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.057+/-0.000 χ^2/NDF : 79665.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

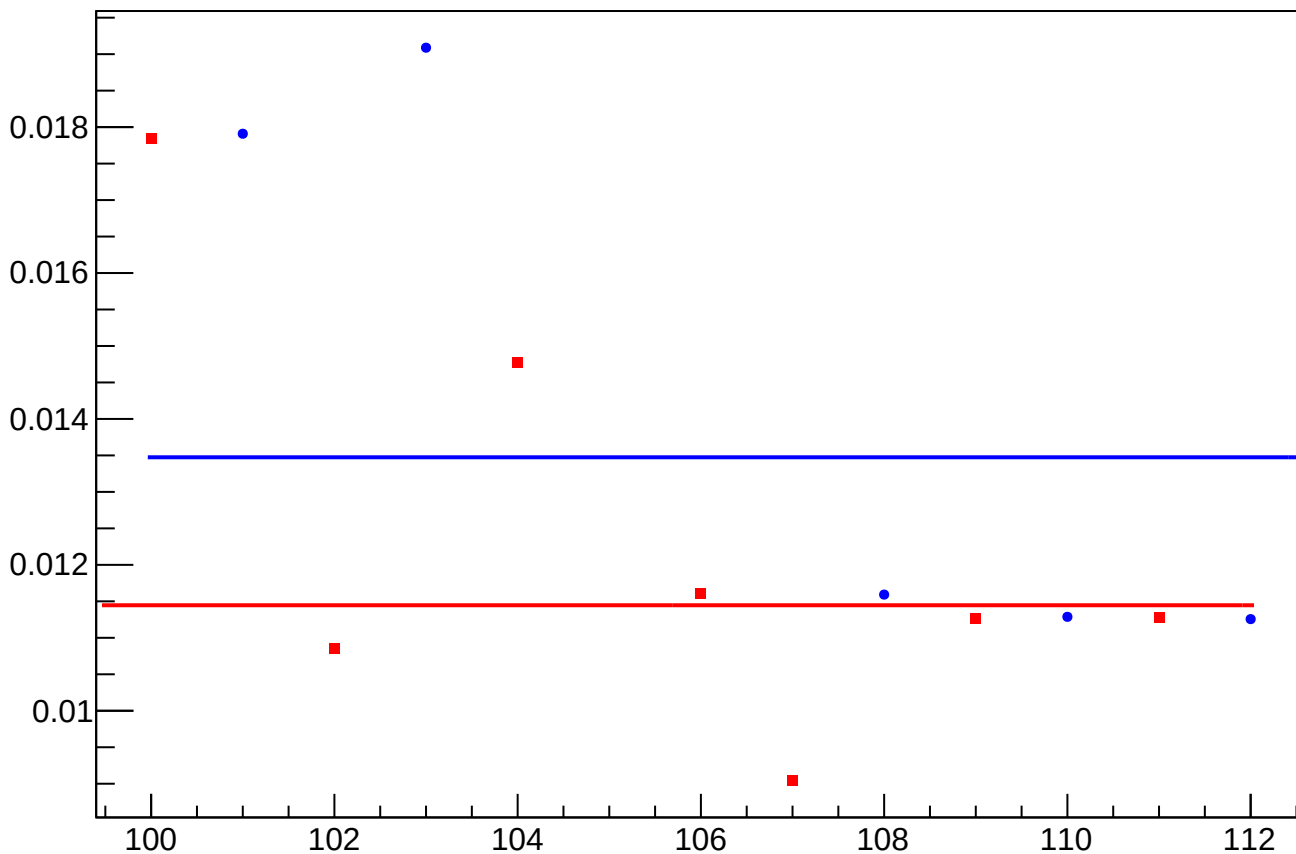
Right: 0.058+/-0.000 χ^2/NDF : 83502.1/11

In: 0.058+/-0.000 χ^2/NDF : 3151.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.058+/-0.000 χ^2/NDF : 83502.1/11

yield_atl1_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.000

χ^2/NDF : 6290338346.3/4

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.012+/-0.000

χ^2/NDF : 8743010940.5/11

Right Out: 0.011+/-0.000

χ^2/NDF : 1142796709.8/6

In: 0.013+/-0.000

χ^2/NDF : 6290338346.3/4

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

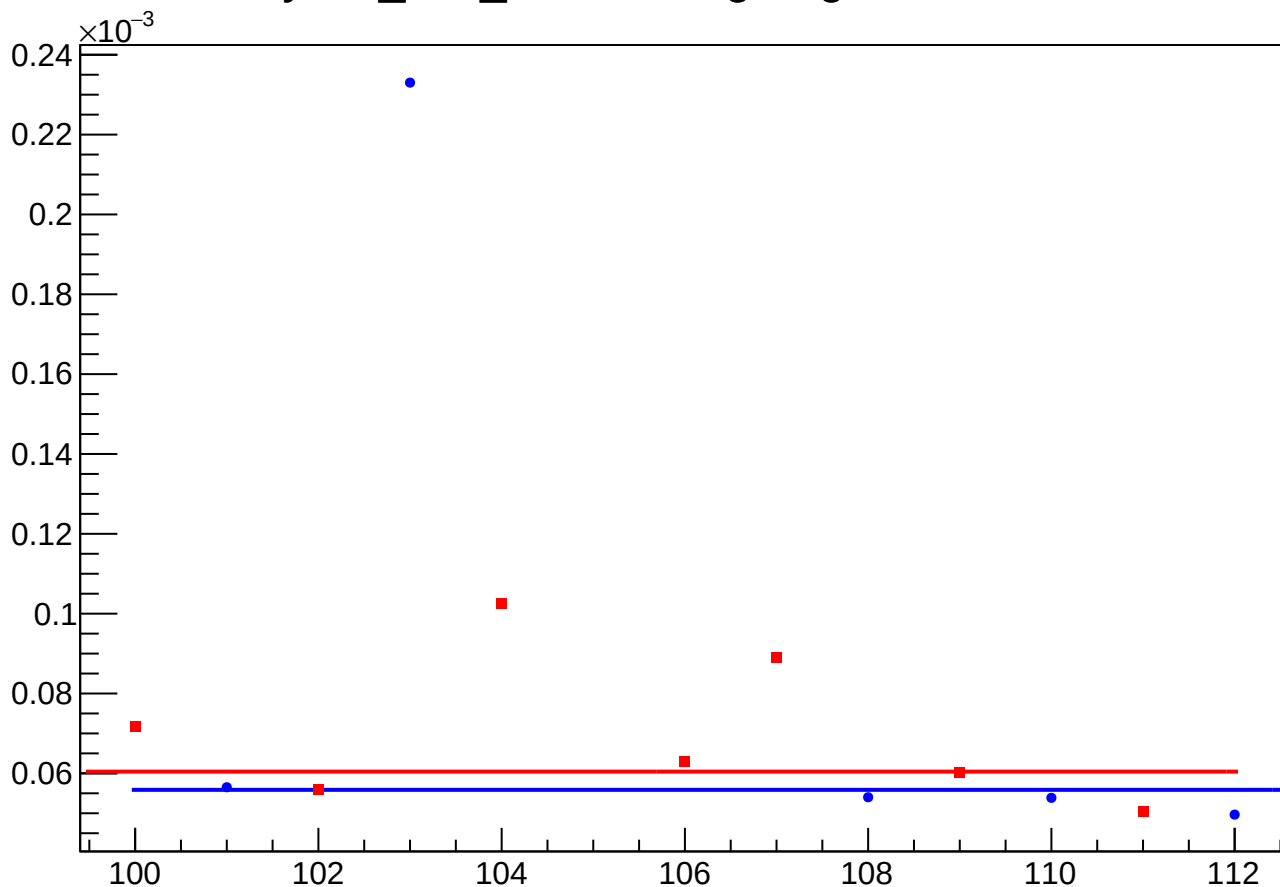
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.012+/-0.000

χ^2/NDF : 8743010940.5/11

yield_atl1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 578466.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 201011.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

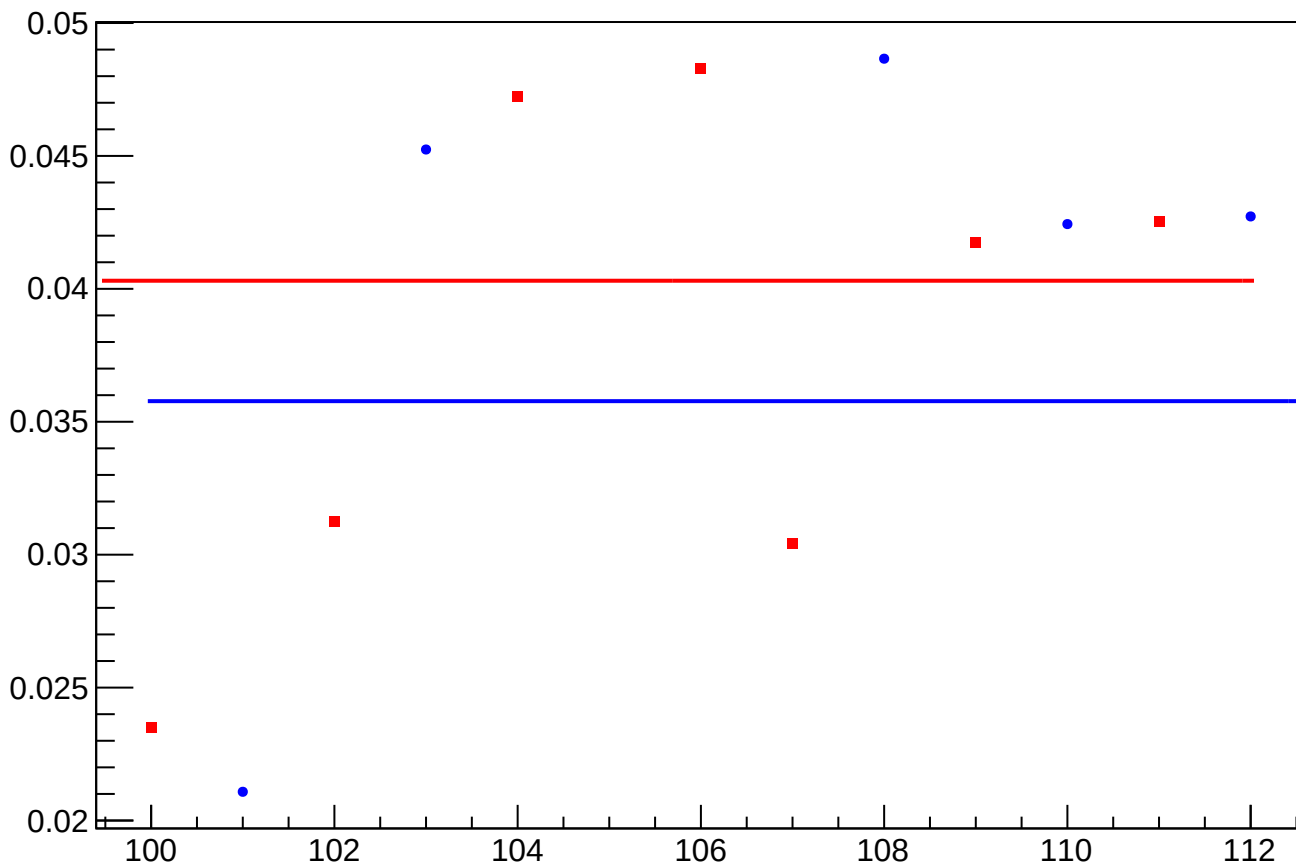
Right: 0.000+/-0.000 χ^2/NDF : 792734.3/11

In: 0.000+/-0.000 χ^2/NDF : 578466.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 792734.3/11

yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.036+/-0.000

χ^2/NDF : 1764442234.6/4

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.040+/-0.000

χ^2/NDF : 582559075.9/6

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.038+/-0.000

χ^2/NDF : 2479648150.0/11

In: 0.036+/-0.000

χ^2/NDF : 1764442234.6/4

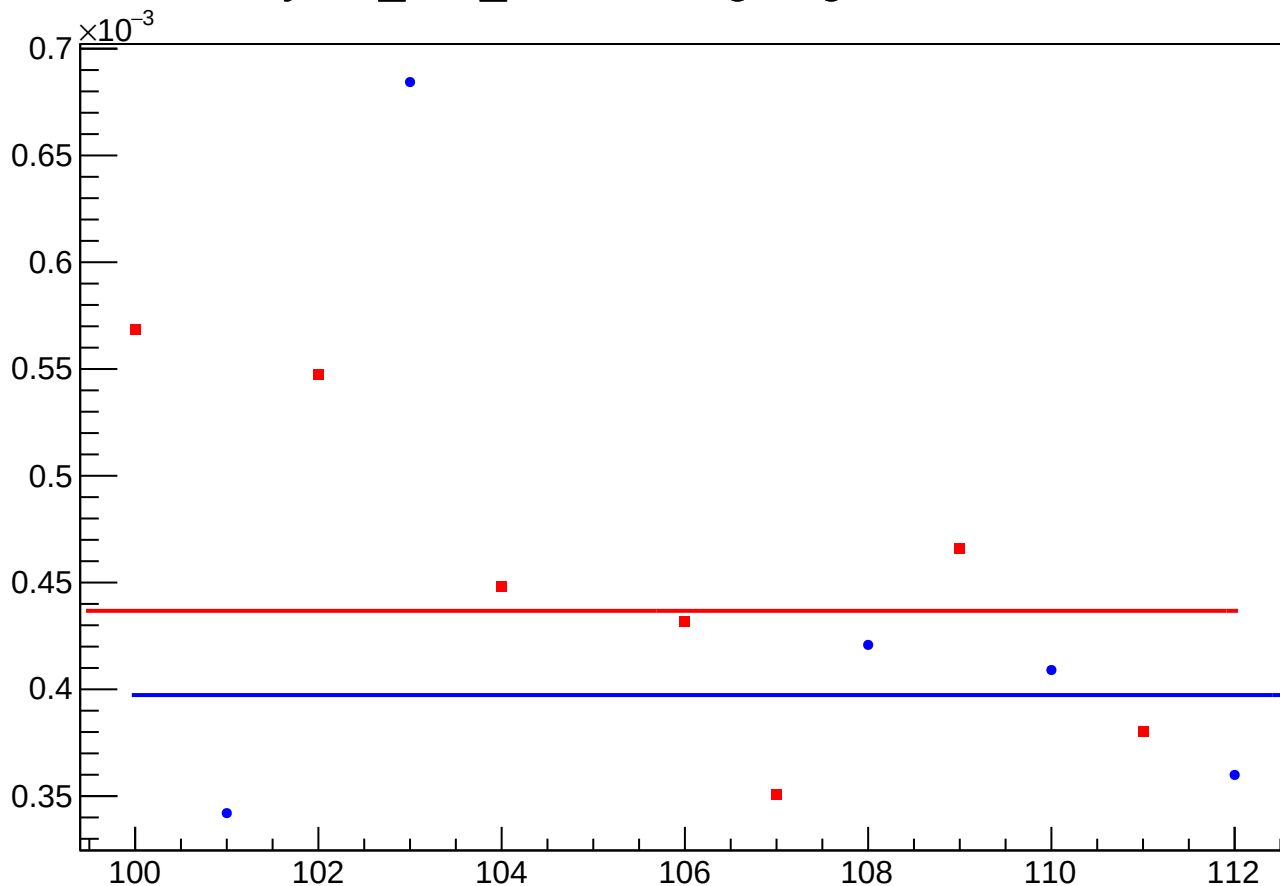
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.038+/-0.000

χ^2/NDF : 2479648150.0/11

yield_atl2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 240055.7/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 97960.6/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

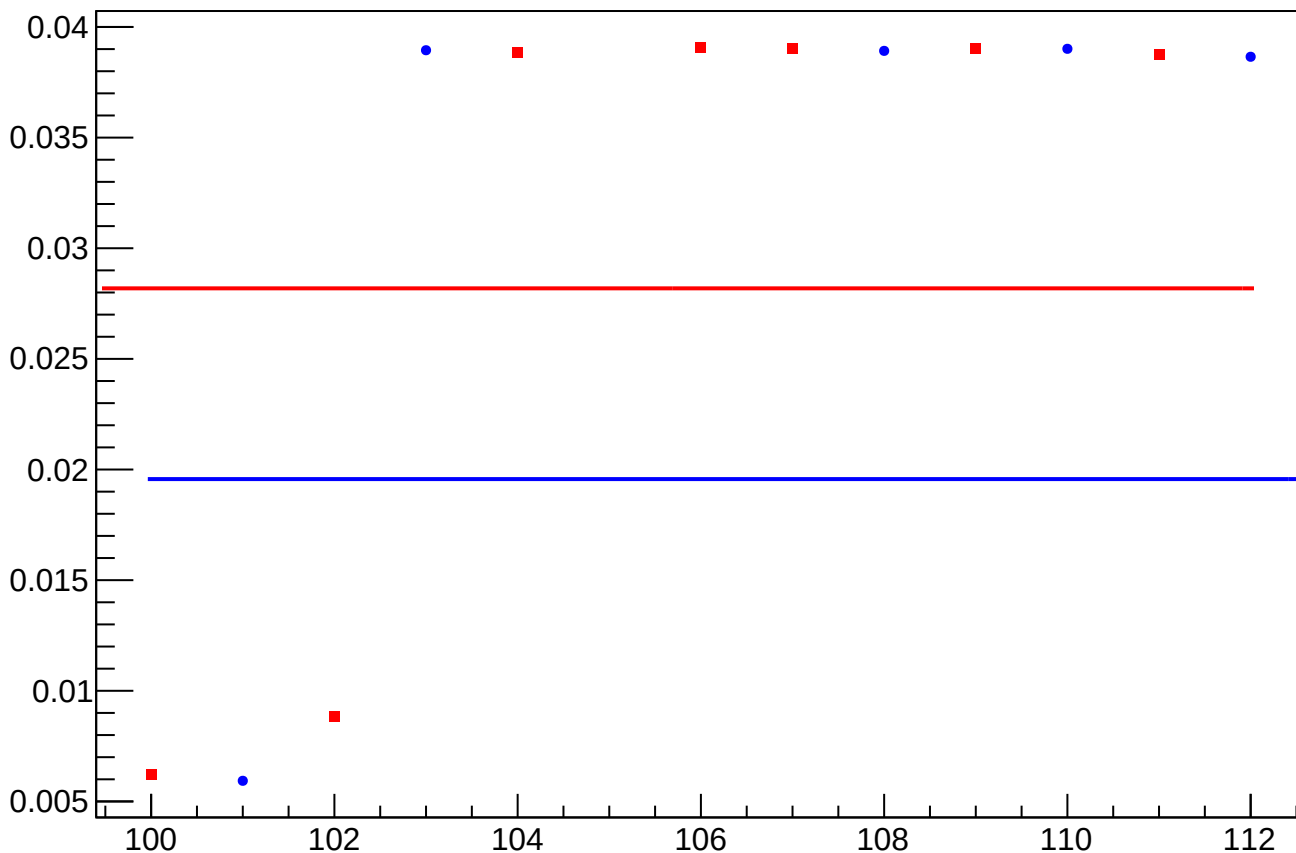
Right: 0.000+/-0.000 χ^2/NDF : 358125.6/11

In: 0.000+/-0.000 χ^2/NDF :240055.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 358125.6/11

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 61392835725.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.028+/-0.000 χ^2/NDF : 35488617173.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

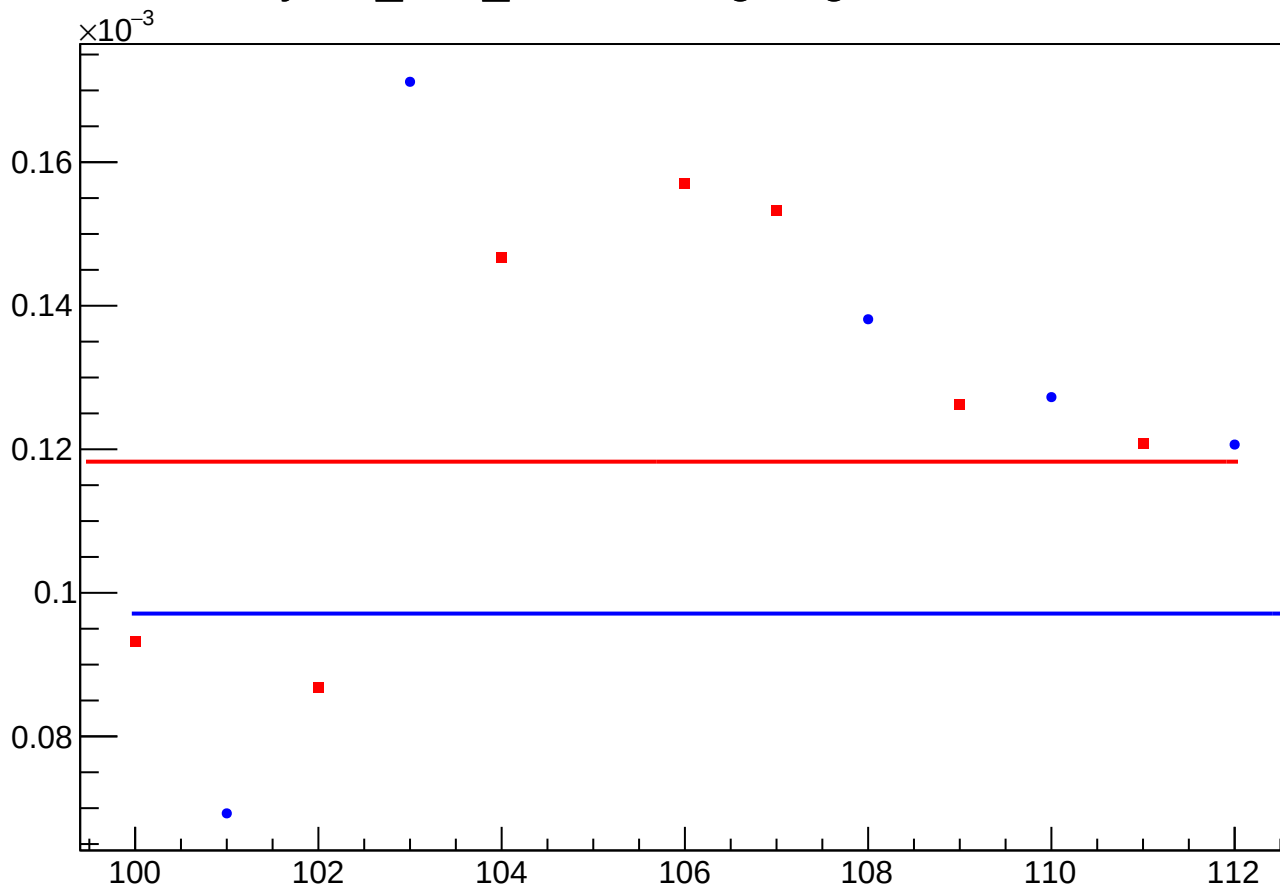
Right: 0.023+/-0.000 χ^2/NDF : 104136644355.4/11

In: 0.020+/-0.000 χ^2/NDF : 61392835725.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.000 χ^2/NDF : 104136644355.4

yield_atr1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 582251.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 213072.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

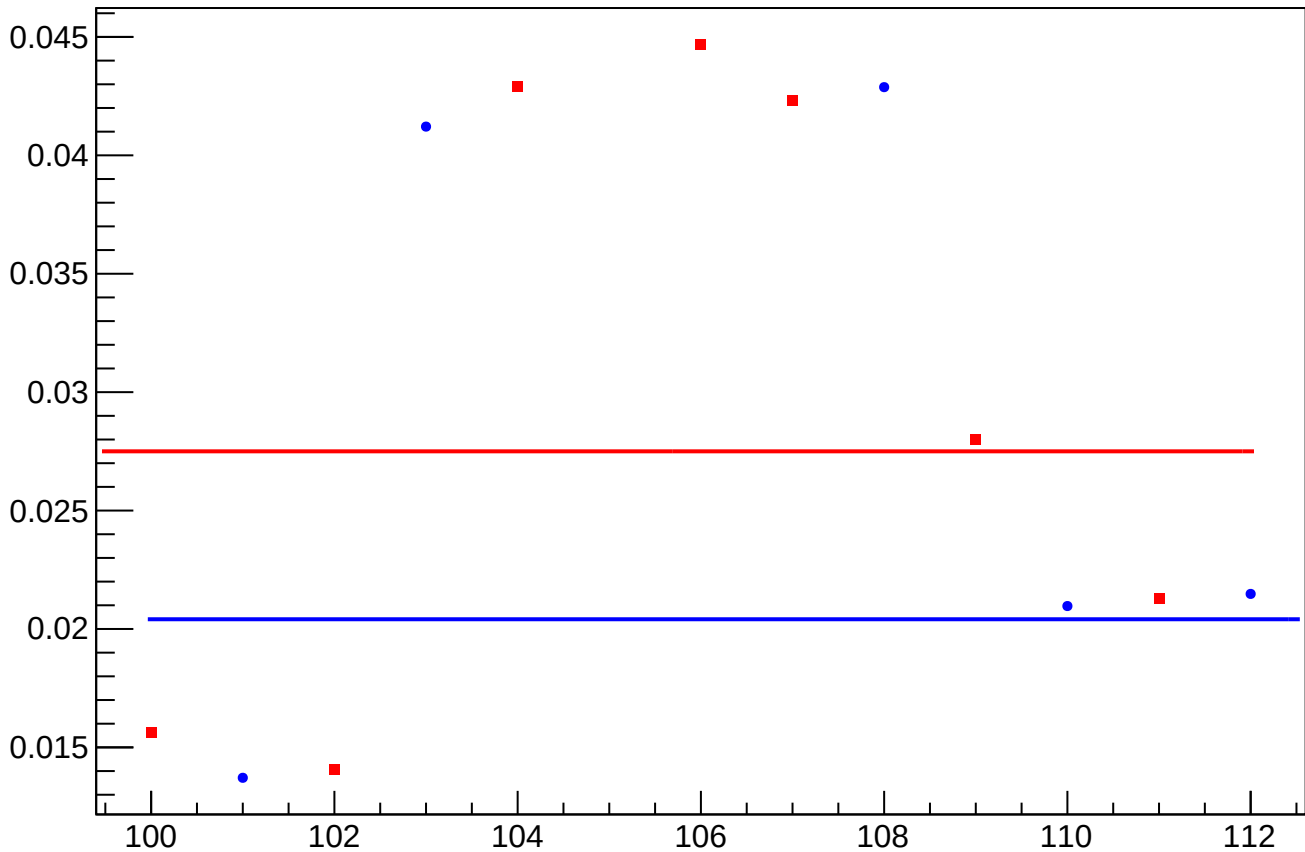
Right: 0.000+/-0.000 χ^2/NDF : 882809.8/11

In: 0.000+/-0.000 χ^2/NDF : 582251.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 882809.8/11

yield_atr2_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.000

χ^2/NDF : 3020132036.8/4

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.028+/-0.000

χ^2/NDF : 3060939701.7/6

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.023+/-0.000

χ^2/NDF : 6727400887.5/11

In: 0.020+/-0.000

χ^2/NDF : 3020132036.8/4

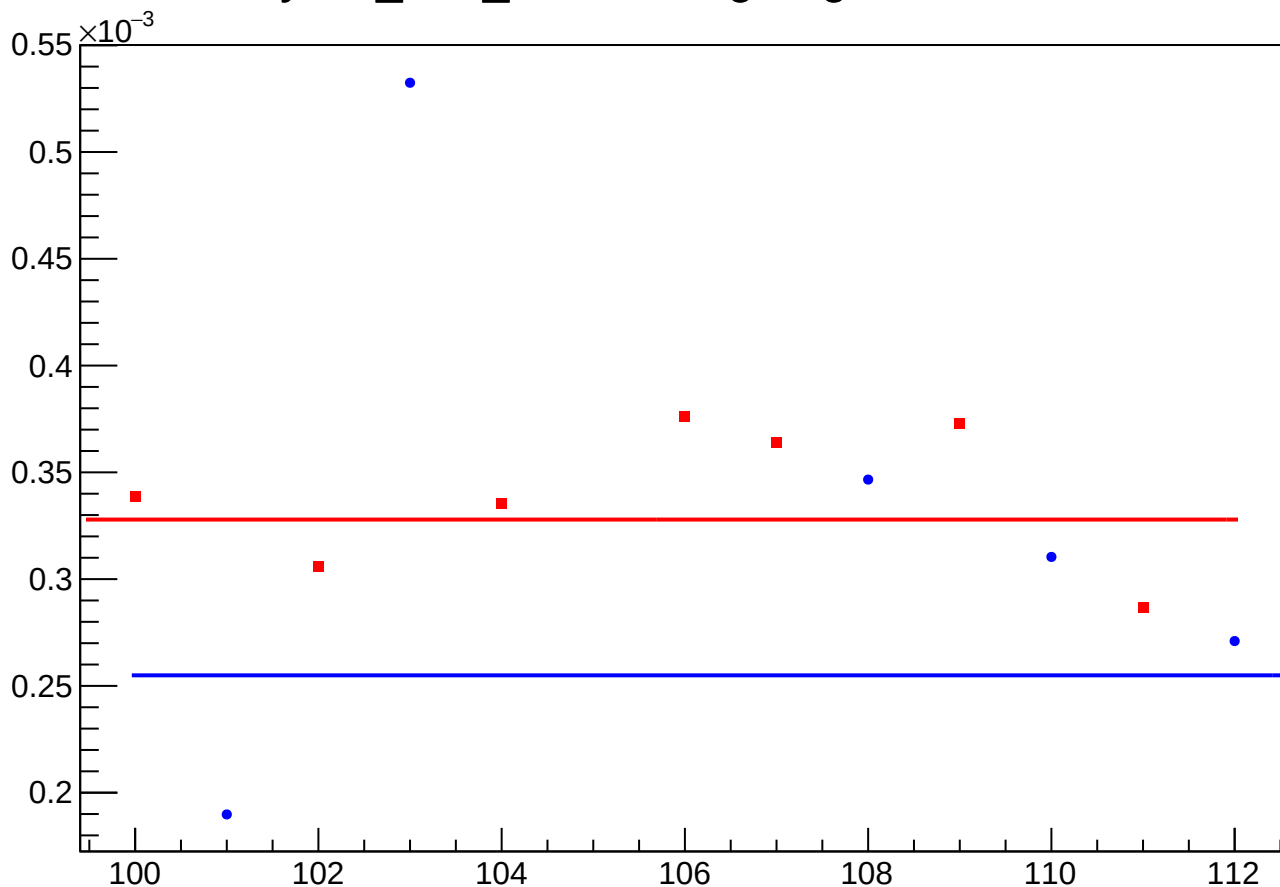
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.023+/-0.000

χ^2/NDF : 6727400887.5/11

yield_atr2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 515306.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 49330.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

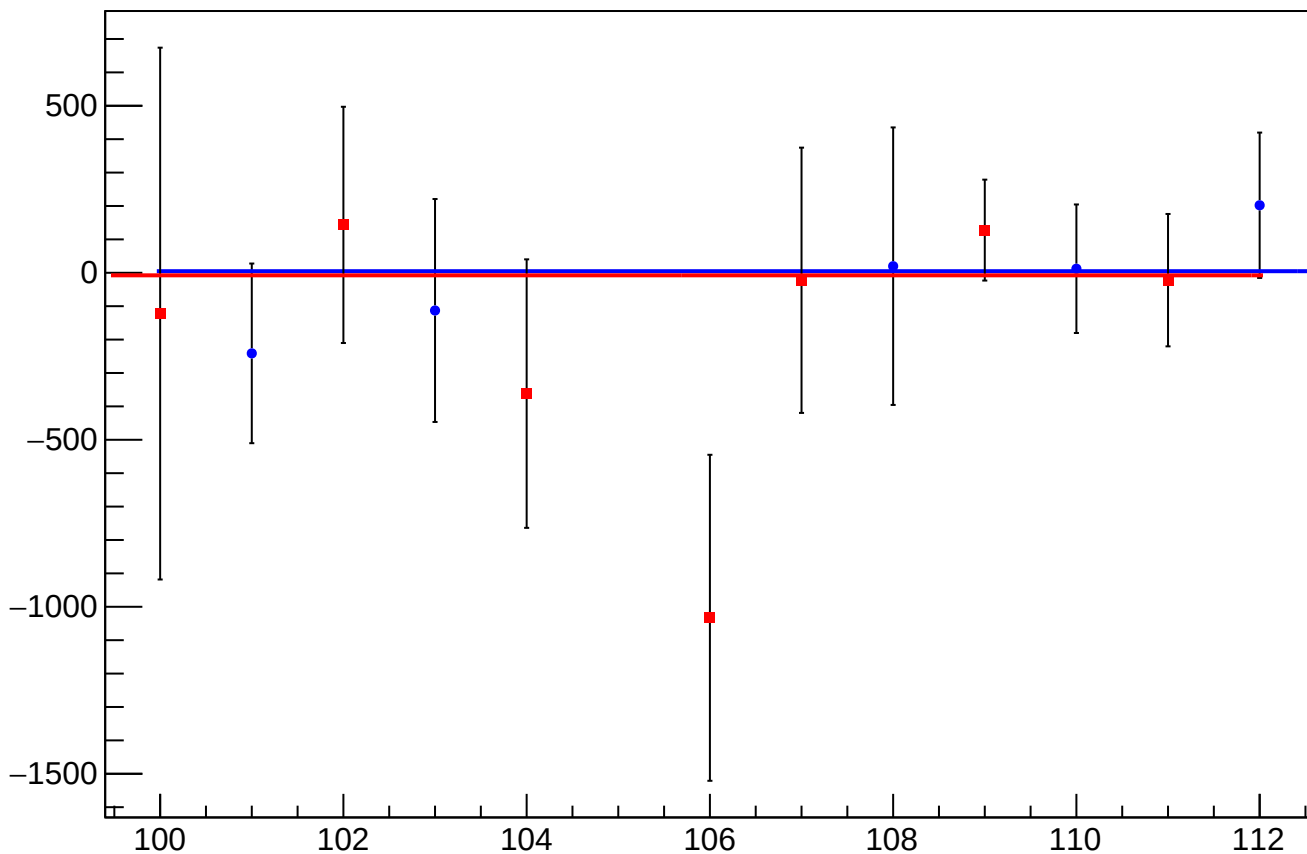
Right: 0.000+/-0.000 χ^2/NDF : 701413.0/11

In: 0.000+/-0.000 χ^2/NDF : 515306.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 701413.0/11

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 4.762+/-114.160 χ^2/NDF : 1.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.609+/-102.287 χ^2/NDF : 6.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

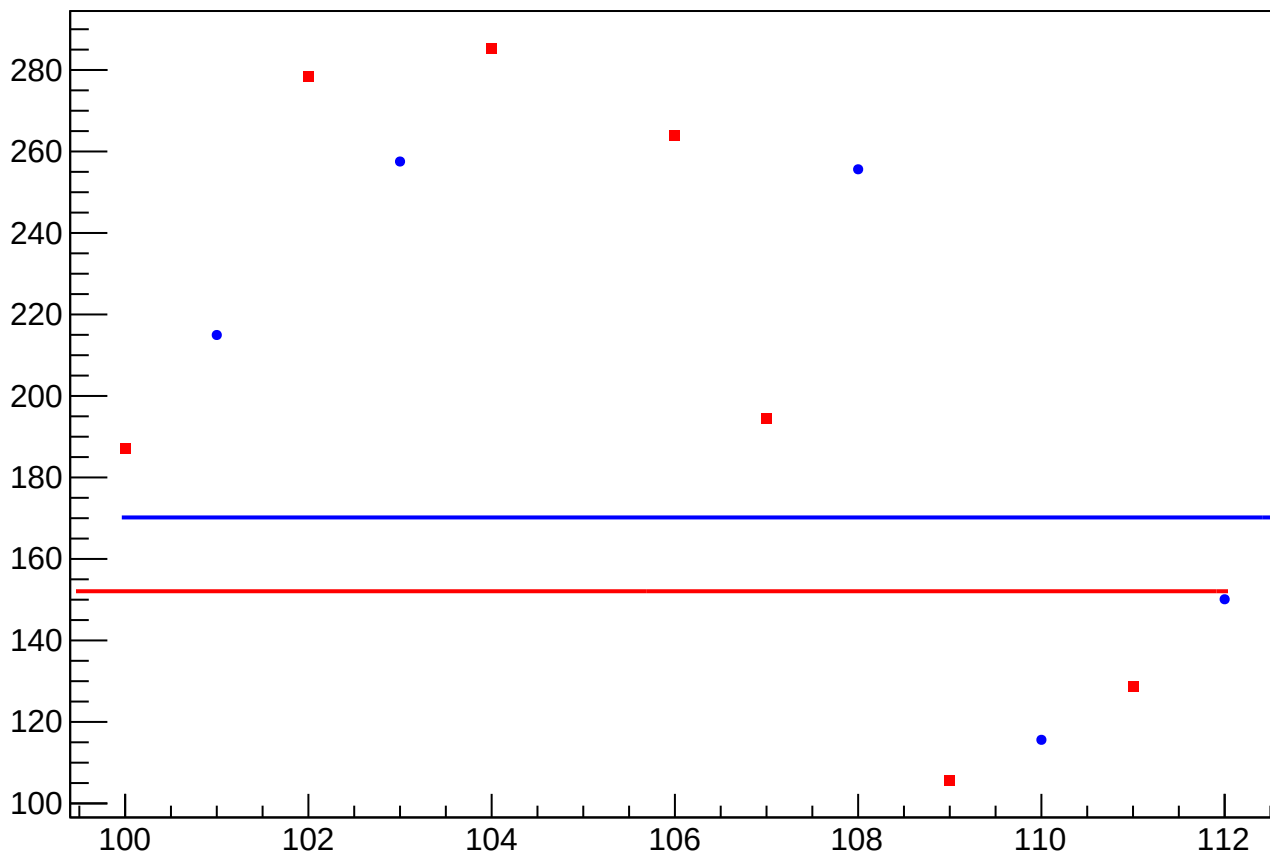
Right: -2.100+/-76.181 χ^2/NDF : 8.0/11

In: 4.762+/-114.160 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.100+/-76.181 χ^2/NDF : 8.0/11

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 170.186+/-0.081 χ^2/NDF : 454971.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.072+/-0.072 χ^2/NDF : 823270.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

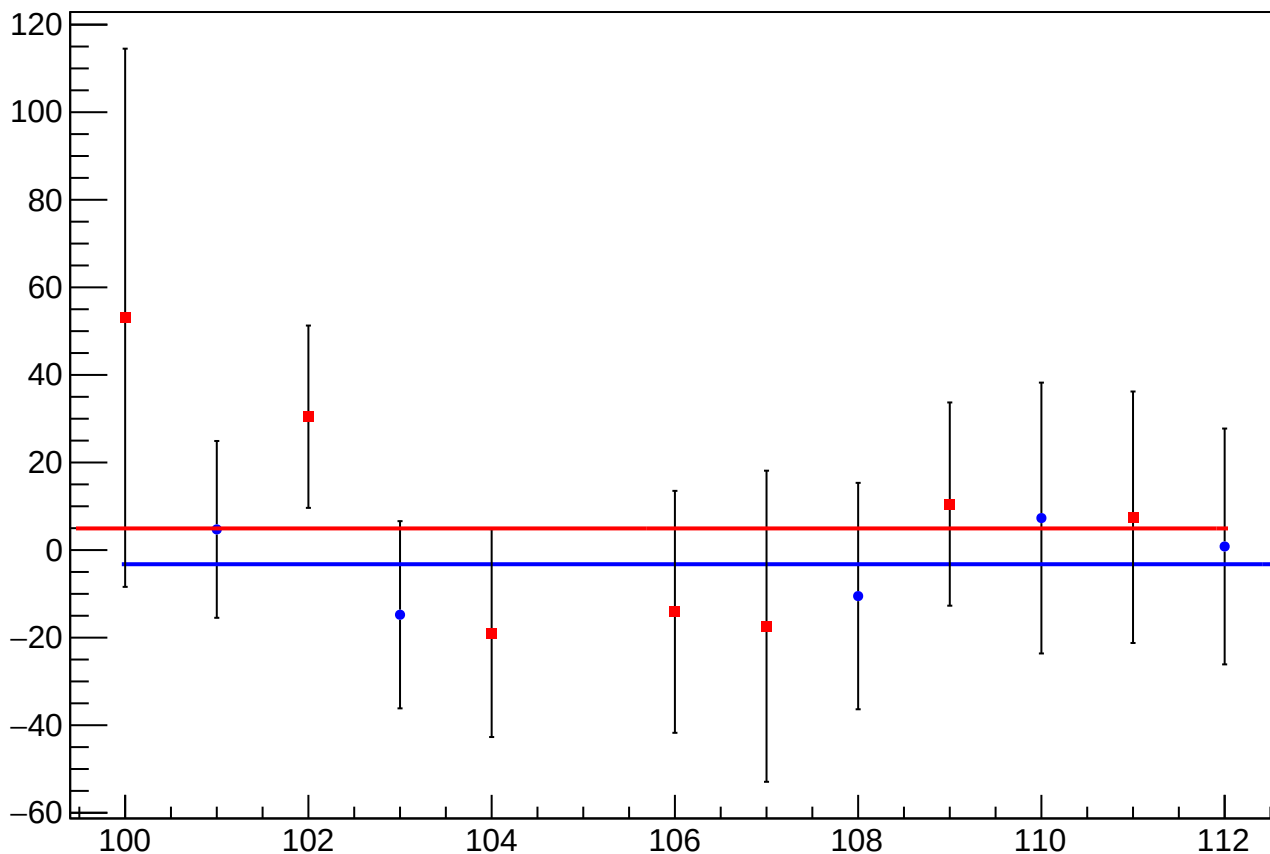
Right: 160.138+/-0.054 χ^2/NDF : 1306169.5/11

In: 170.186+/-0.081 χ^2/NDF : 454971.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.138+/-0.054 χ^2/NDF : 1306169.5/11

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -3.232+/-10.808 χ^2/NDF : 0.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.943+/-10.251 χ^2/NDF : 4.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

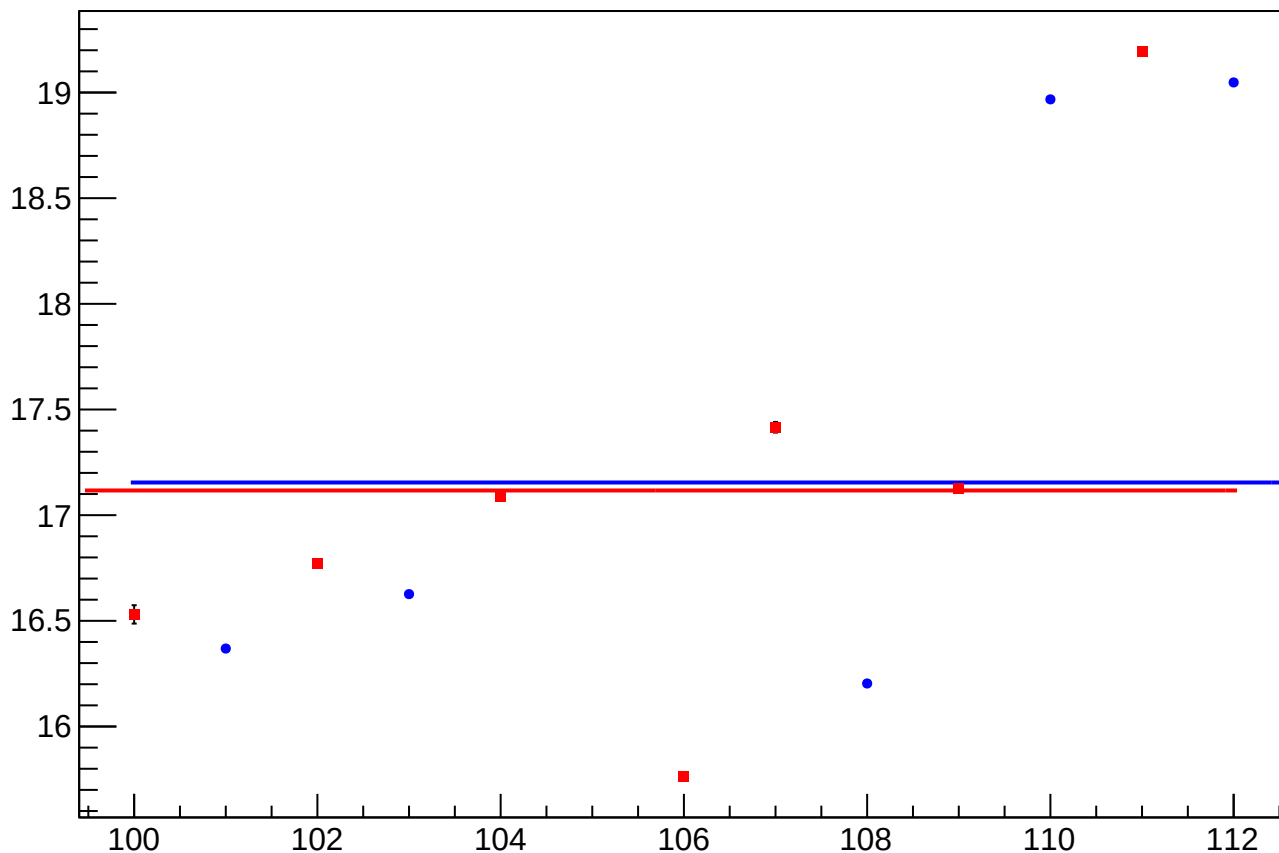
Right: 1.071+/-7.438 χ^2/NDF : 5.0/11

In: -3.232+/-10.808 χ^2/NDF : 0.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.071+/-7.438 χ^2/NDF : 5.0/11

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.155+/-0.008 χ^2/NDF : 23711.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.117+/-0.007 χ^2/NDF : 16117.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

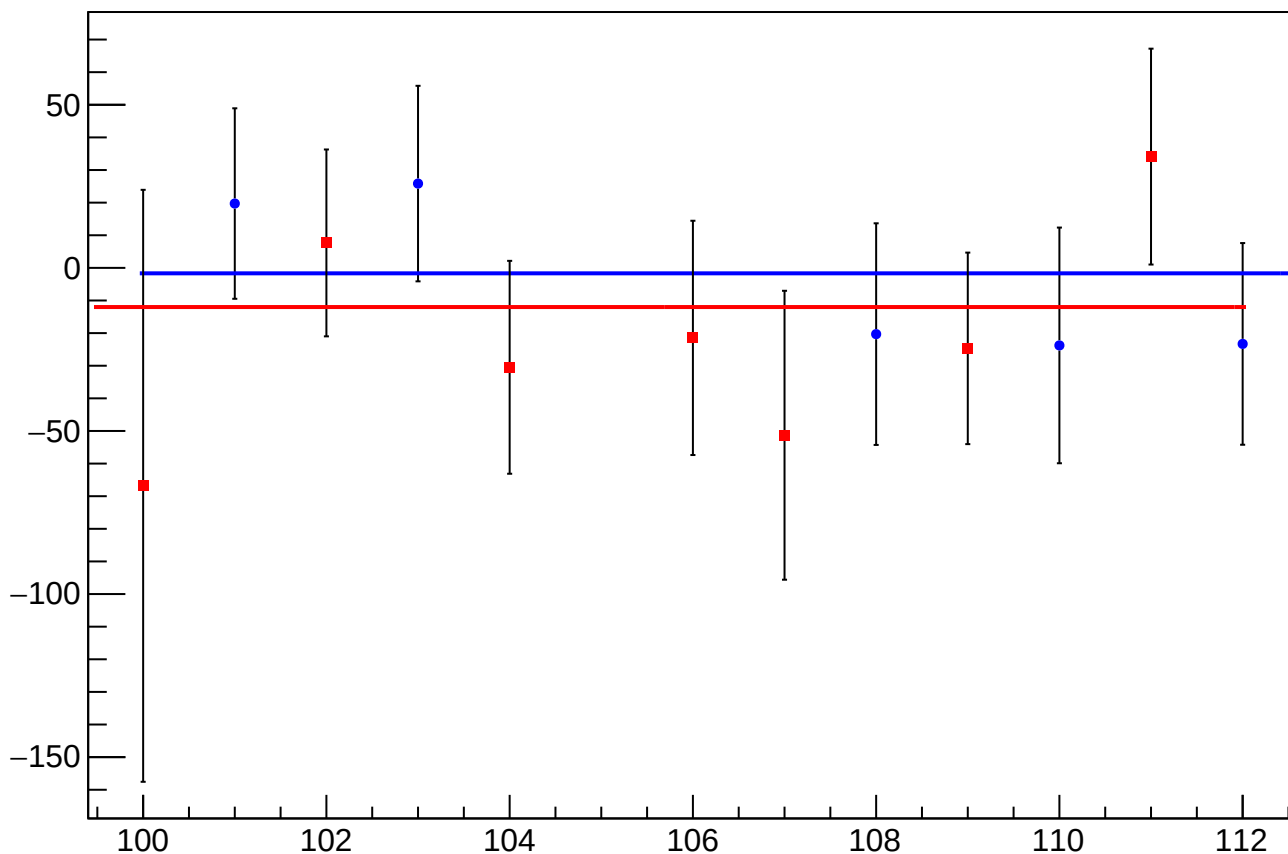
Right: 17.135+/-0.005 χ^2/NDF : 39841.0/11

In: 17.155+/-0.008 χ^2/NDF : 23711.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.135+/-0.005 χ^2/NDF : 39841.0/11

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -1.672 ± 14.193 χ^2/NDF : 2.5/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -12.008 ± 13.318 χ^2/NDF : 4.1/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

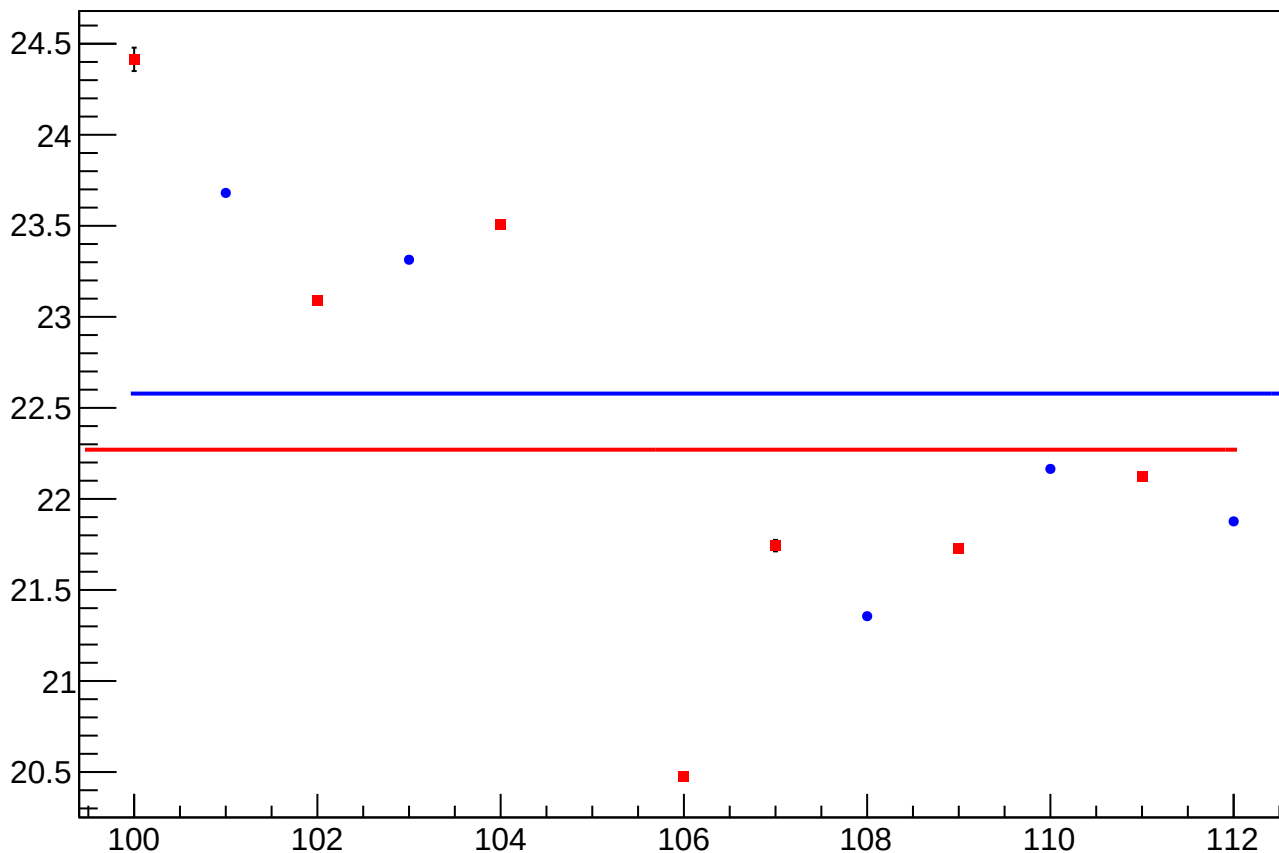
Right: -7.168 ± 9.712 χ^2/NDF : 7.0/11

In: -1.672 ± 14.193 χ^2/NDF : 2.5/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.168 ± 9.712 χ^2/NDF : 7.0/11

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.579 $\pm$ 0.010 χ^2 /NDF: 7935.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 22.270 $\pm$ 0.009 χ^2 /NDF: 11632.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

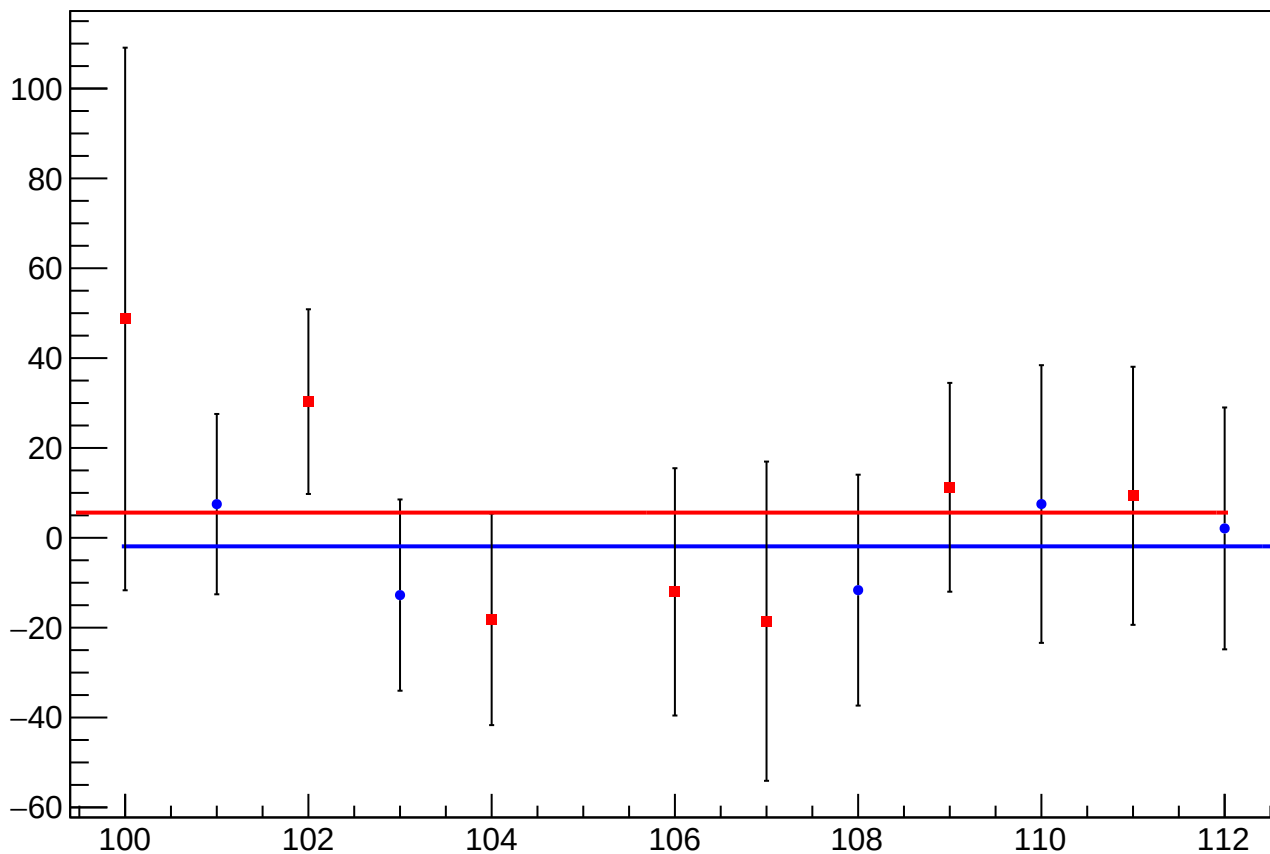
Right: 22.415 $\pm$ 0.007 χ^2 /NDF: 20069.0/11

In: 22.579 $\pm$ 0.010 χ^2 /NDF:7935.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 22.415 $\pm$ 0.007 χ^2 /NDF: 20069.0/11

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -1.901+/-10.764 χ^2/NDF : 0.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.611+/-10.196 χ^2/NDF : 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

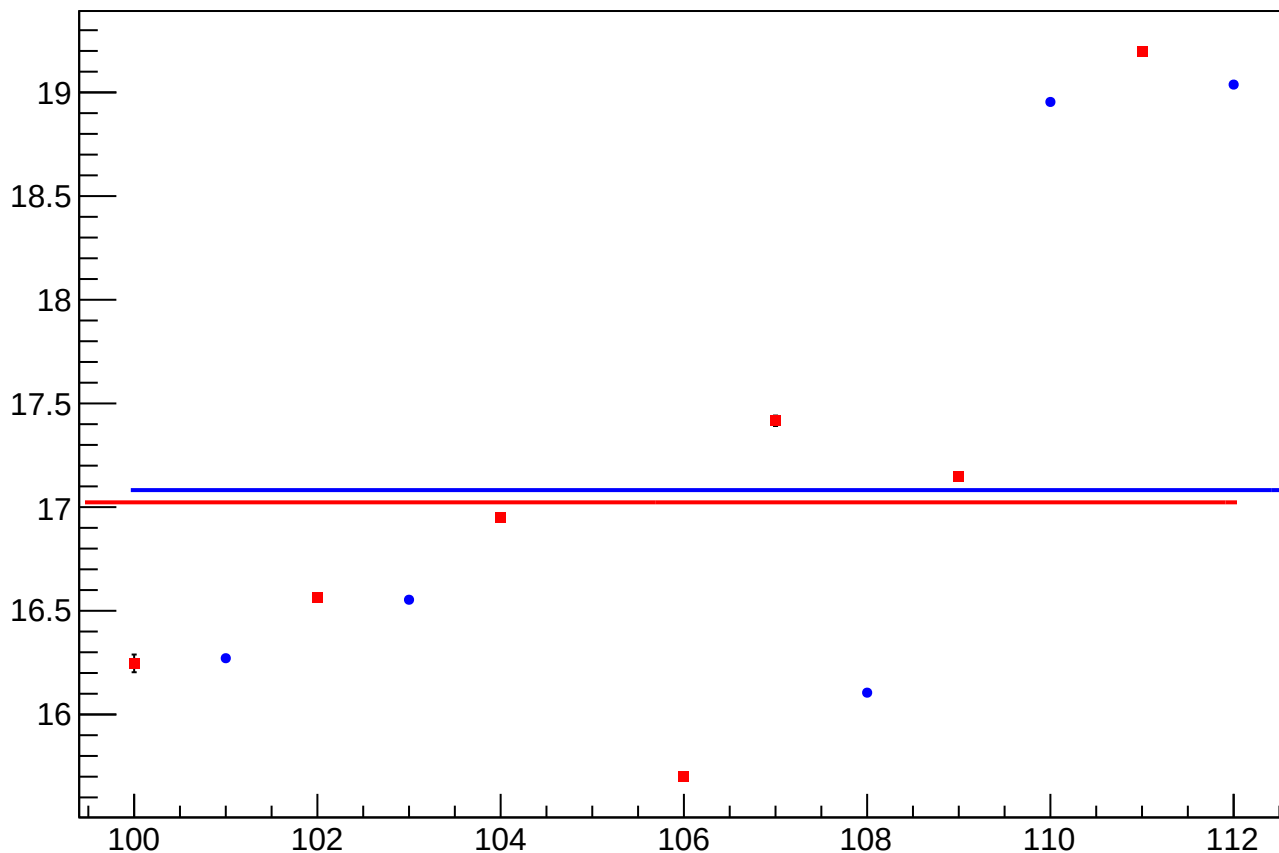
Right: 2.059+/-7.402 χ^2/NDF : 4.9/11

In: -1.901+/-10.764 χ^2/NDF : 0.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.059+/-7.402 χ^2/NDF : 4.9/11

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.082+/-0.008 χ^2/NDF : 25283.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.023+/-0.007 χ^2/NDF : 17715.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

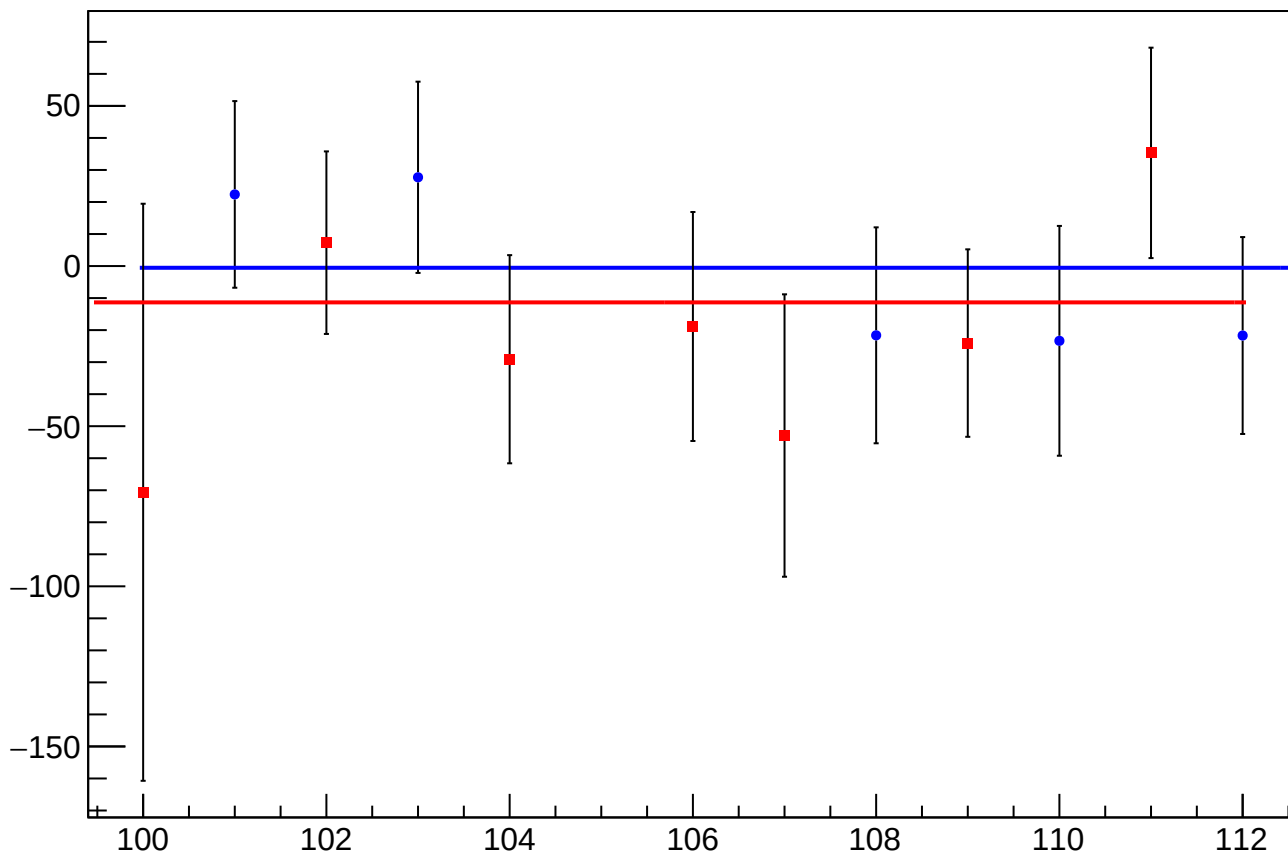
Right: 17.051+/-0.005 χ^2/NDF : 43030.4/11

In: 17.082+/-0.008 χ^2/NDF : 25283.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.051+/-0.005 χ^2/NDF : 43030.4/11

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -0.538+/-14.122 χ^2/NDF : 2.8/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -11.346+/-13.255 χ^2/NDF : 4.3/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

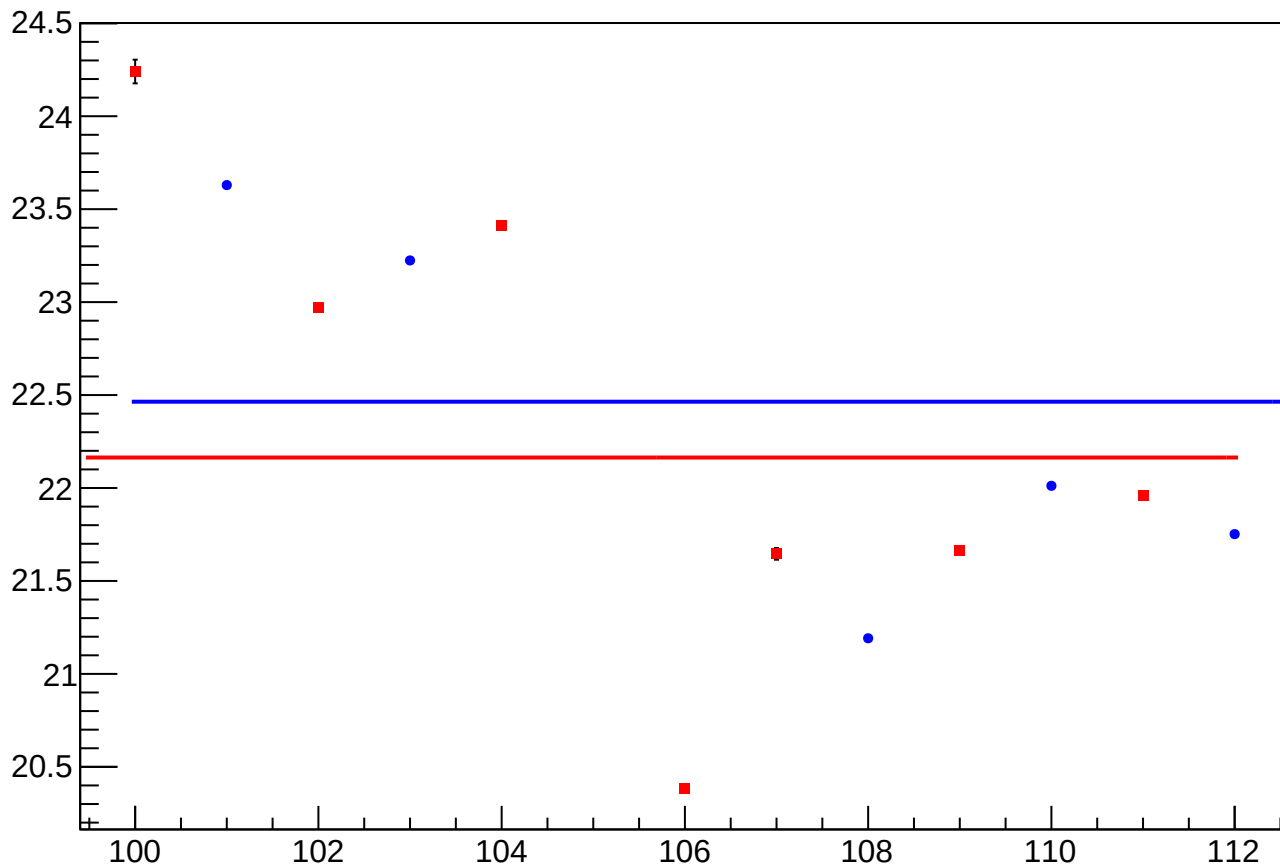
Right: -6.284+/-9.664 χ^2/NDF : 7.4/11

In: -0.538+/-14.122 χ^2/NDF :2.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.284+/-9.664 χ^2/NDF : 7.4/11

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.464+/-0.010 χ^2/NDF : 8736.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.164+/-0.009 χ^2/NDF : 11515.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

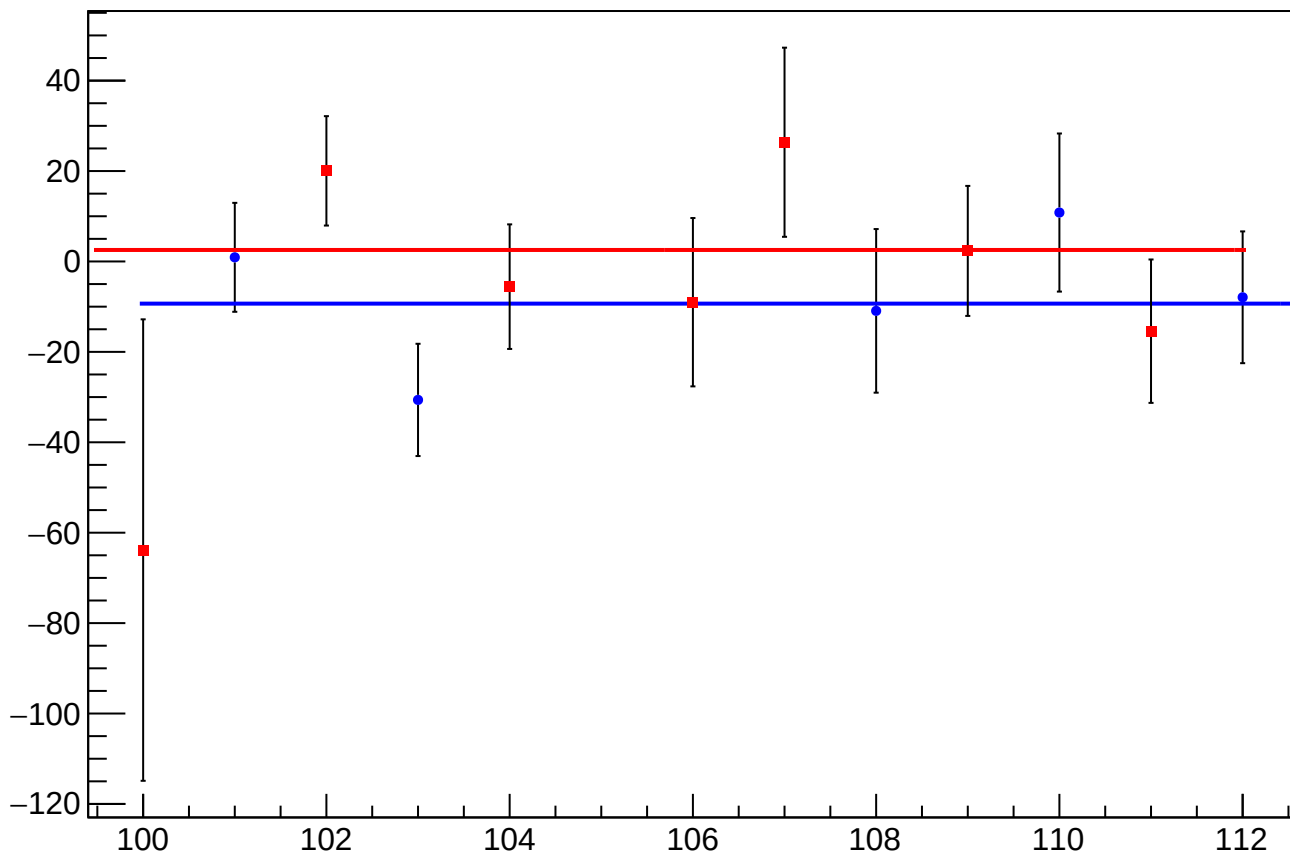
Right: 22.305+/-0.007 χ^2/NDF : 20732.4/11

In: 22.464+/-0.010 χ^2/NDF : 8736.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.305+/-0.007 χ^2/NDF : 20732.4/11

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -9.328+/-6.401 χ^2 /NDF: 5.0/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2.542+/-6.147 χ^2 /NDF: 7.1/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

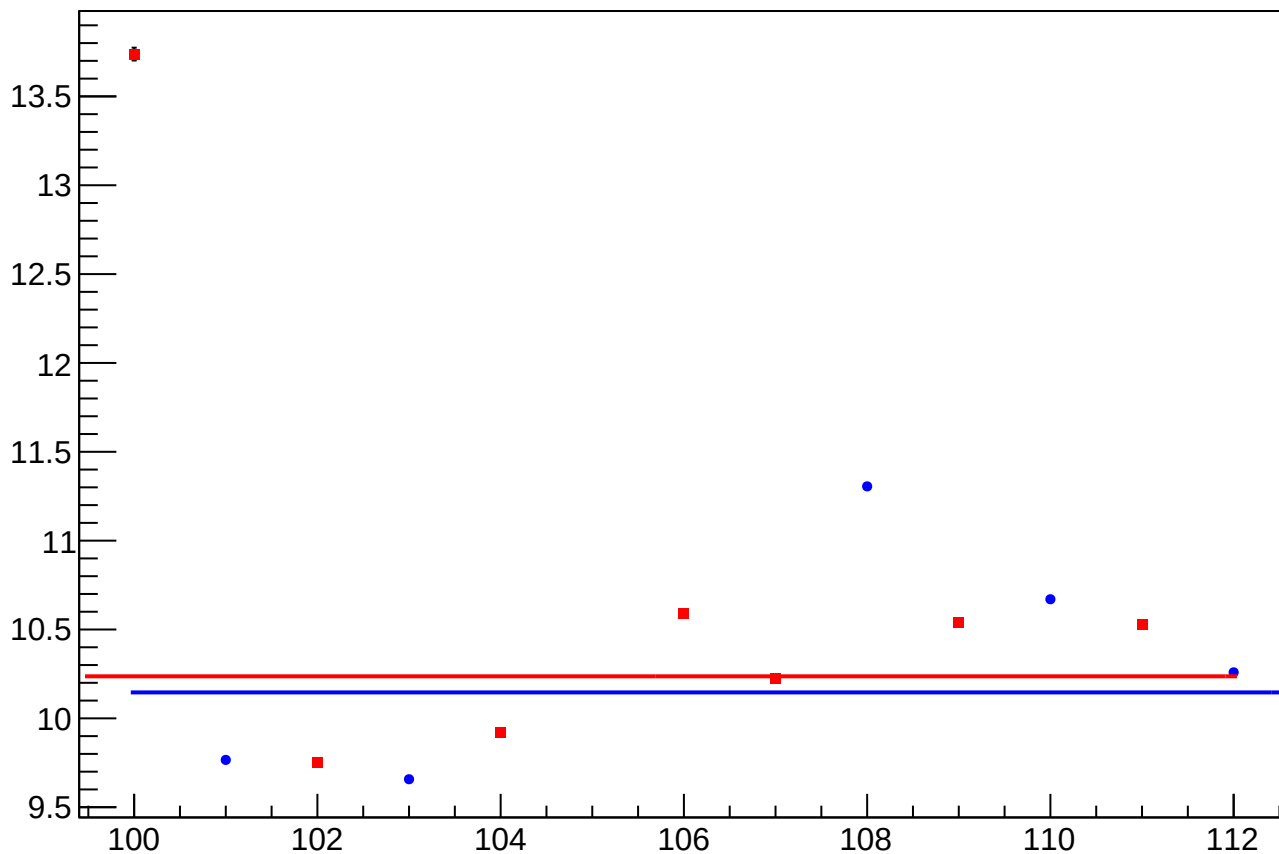
Right: -3.153+/-4.434 χ^2 /NDF: 13.9/11

In: -9.328+/-6.401 χ^2 /NDF:5.0/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -3.153+/-4.434 χ^2 /NDF: 13.9/11

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.146+/-0.005 χ^2/NDF : 15210.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.237+/-0.004 χ^2/NDF : 15955.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

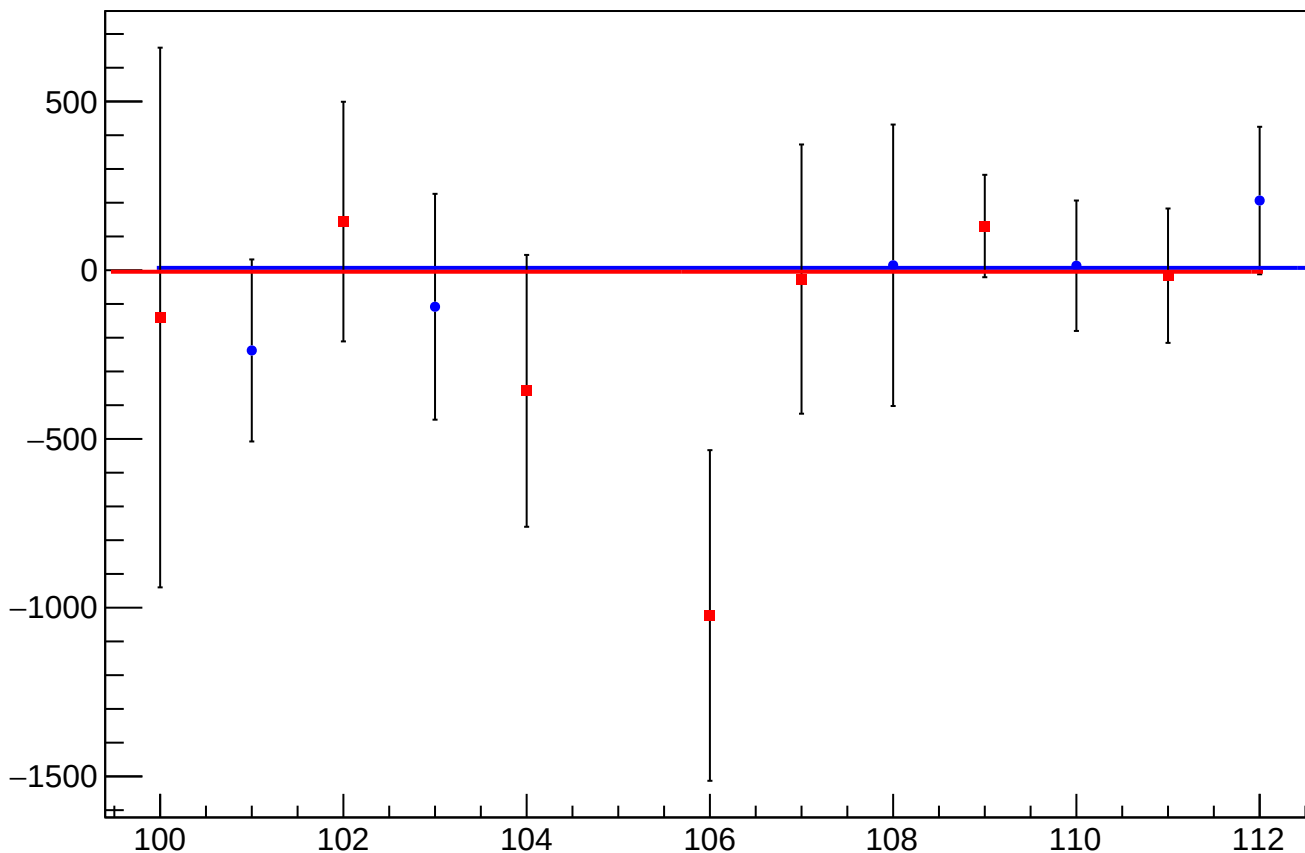
Right: 10.193+/-0.003 χ^2/NDF : 31373.6/11

In: 10.146+/-0.005 χ^2/NDF : 15210.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.193+/-0.003 χ^2/NDF : 31373.6/11

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: 6.914+/-114.597 χ^2/NDF : 1.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.519+/-102.716 χ^2/NDF : 6.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

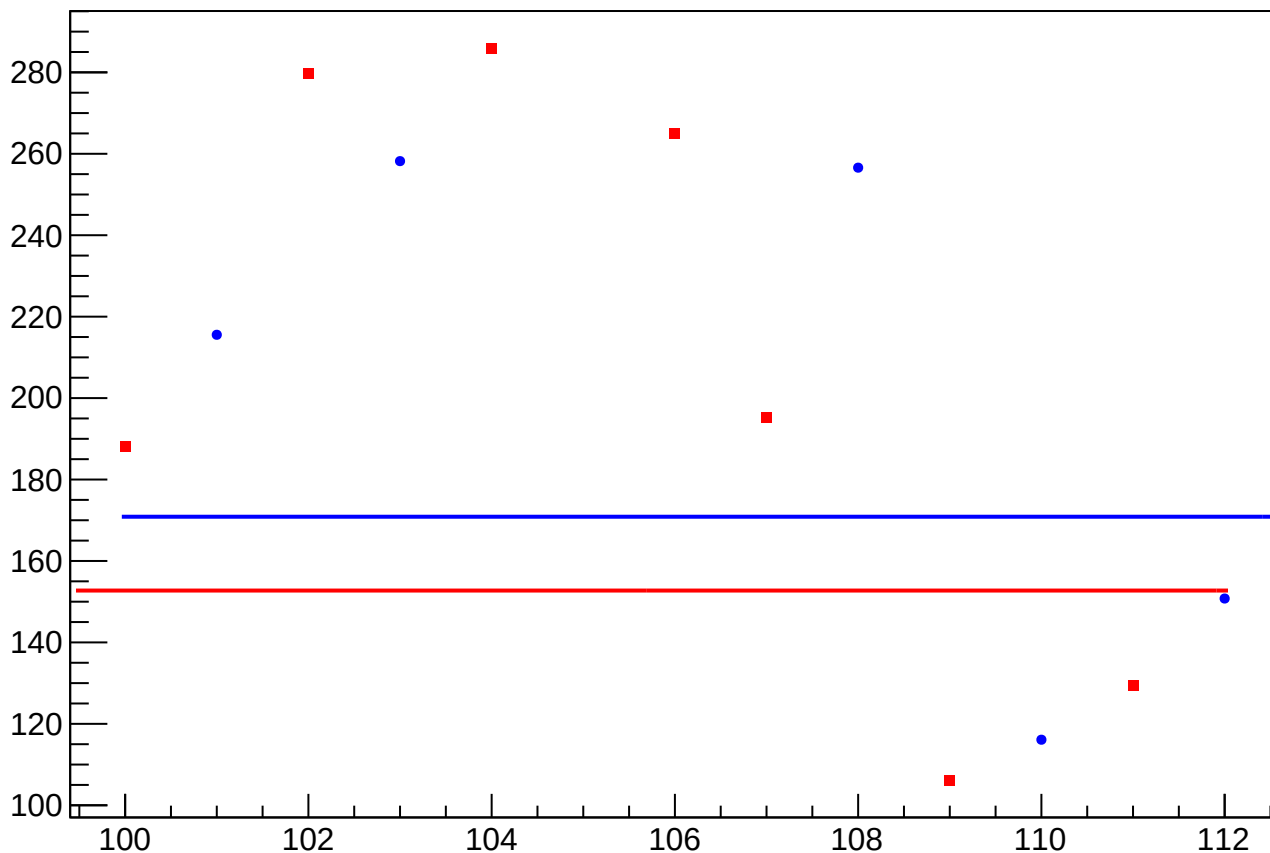
Right: 0.574+/-76.488 χ^2/NDF : 7.9/11

In: 6.914+/-114.597 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.574+/-76.488 χ^2/NDF : 7.9/11

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 170.866 $\pm$ 0.081 χ^2 /NDF: 453191.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 152.737 $\pm$ 0.073 χ^2 /NDF: 821652.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

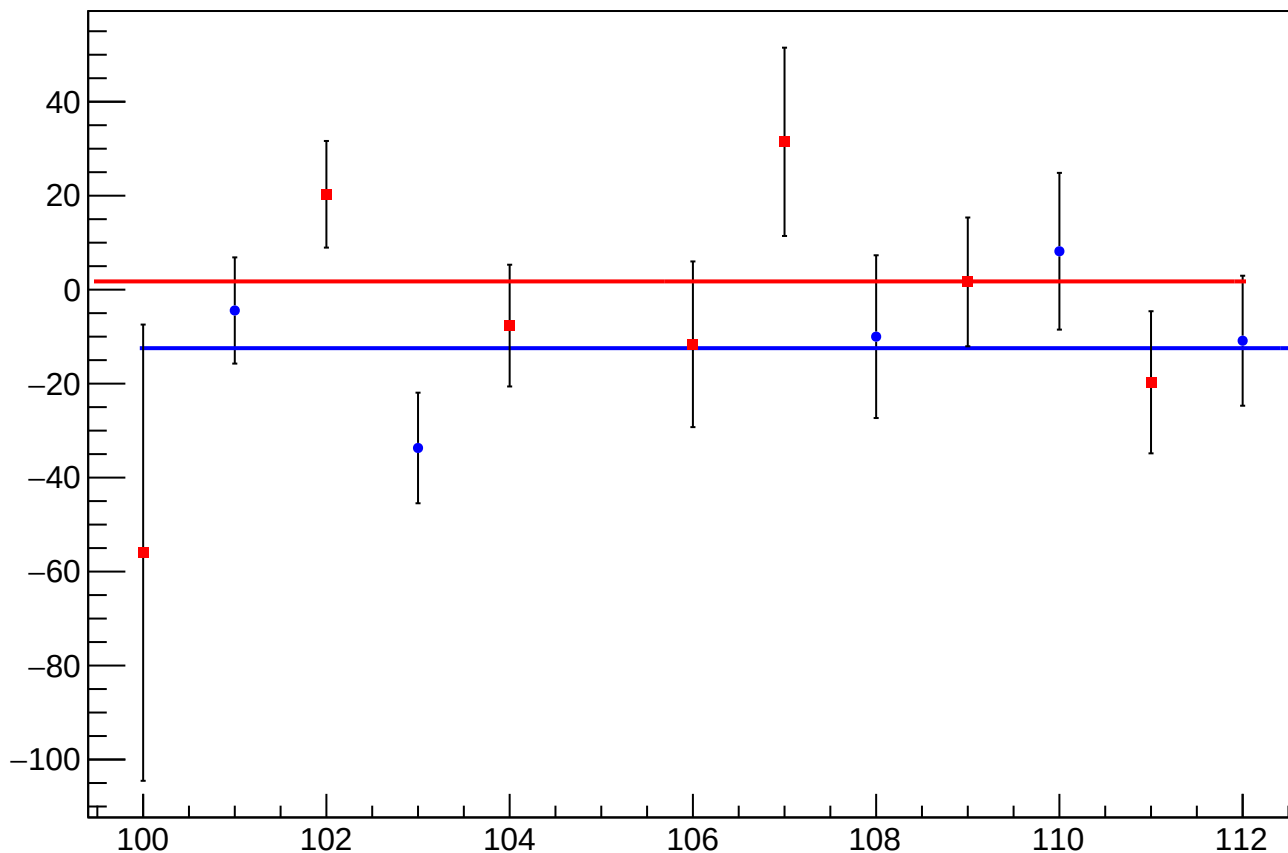
Right: 160.813 $\pm$ 0.054 χ^2 /NDF: 1302599.8/11

In: 170.866 $\pm$ 0.081 χ^2 /NDF:453191.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 160.813 $\pm$ 0.054 χ^2 /NDF: 1302599.8/11

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -12.452 $\pm$ 6.063 χ^2 /NDF: 5.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.755 $\pm$ 5.817 χ^2 /NDF: 9.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

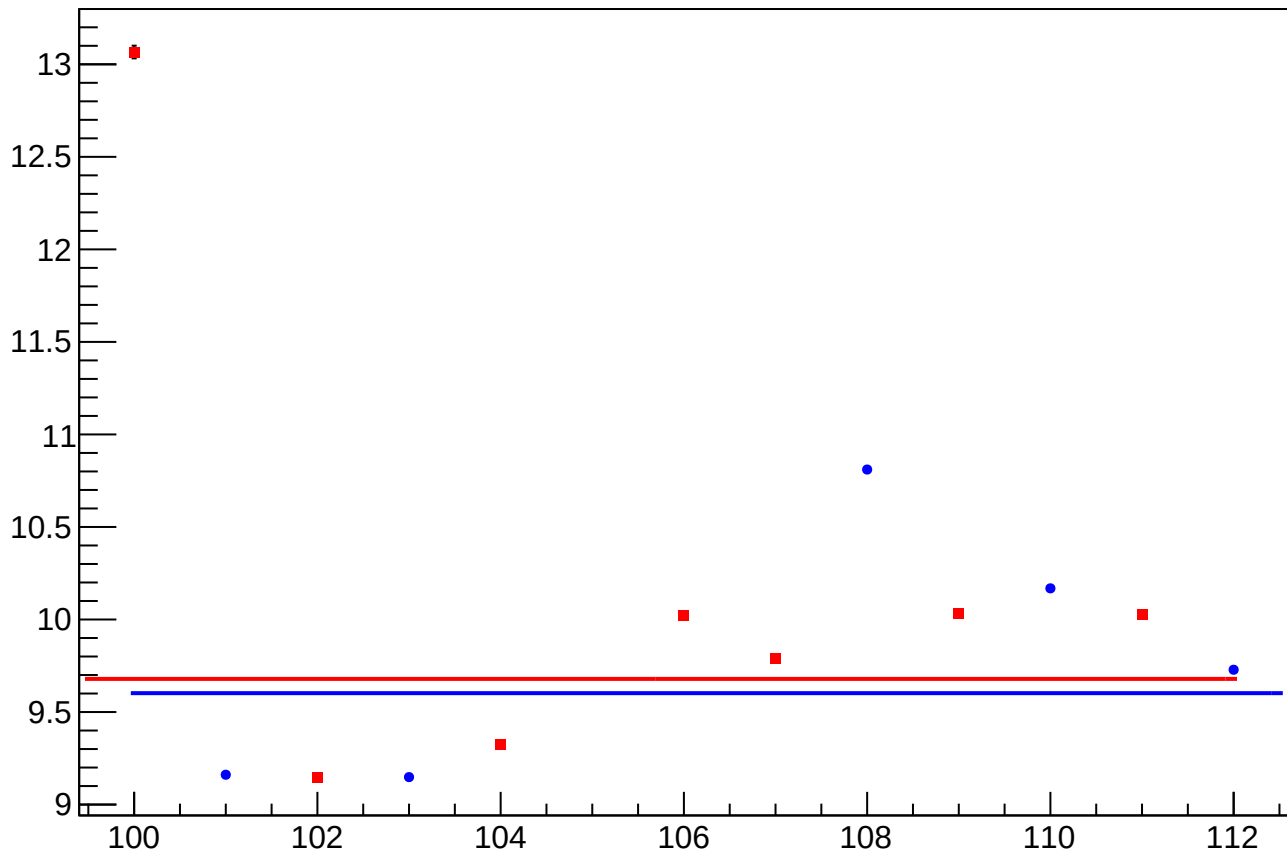
Right: -5.055 $\pm$ 4.198 χ^2 /NDF: 17.6/11

In: -12.452 $\pm$ 6.063 χ^2 /NDF:5.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.055 $\pm$ 4.198 χ^2 /NDF: 17.6/11

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 9.602 $\pm$ 0.004 χ^2 /NDF: 18223.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 9.679 $\pm$ 0.004 χ^2 /NDF: 18820.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

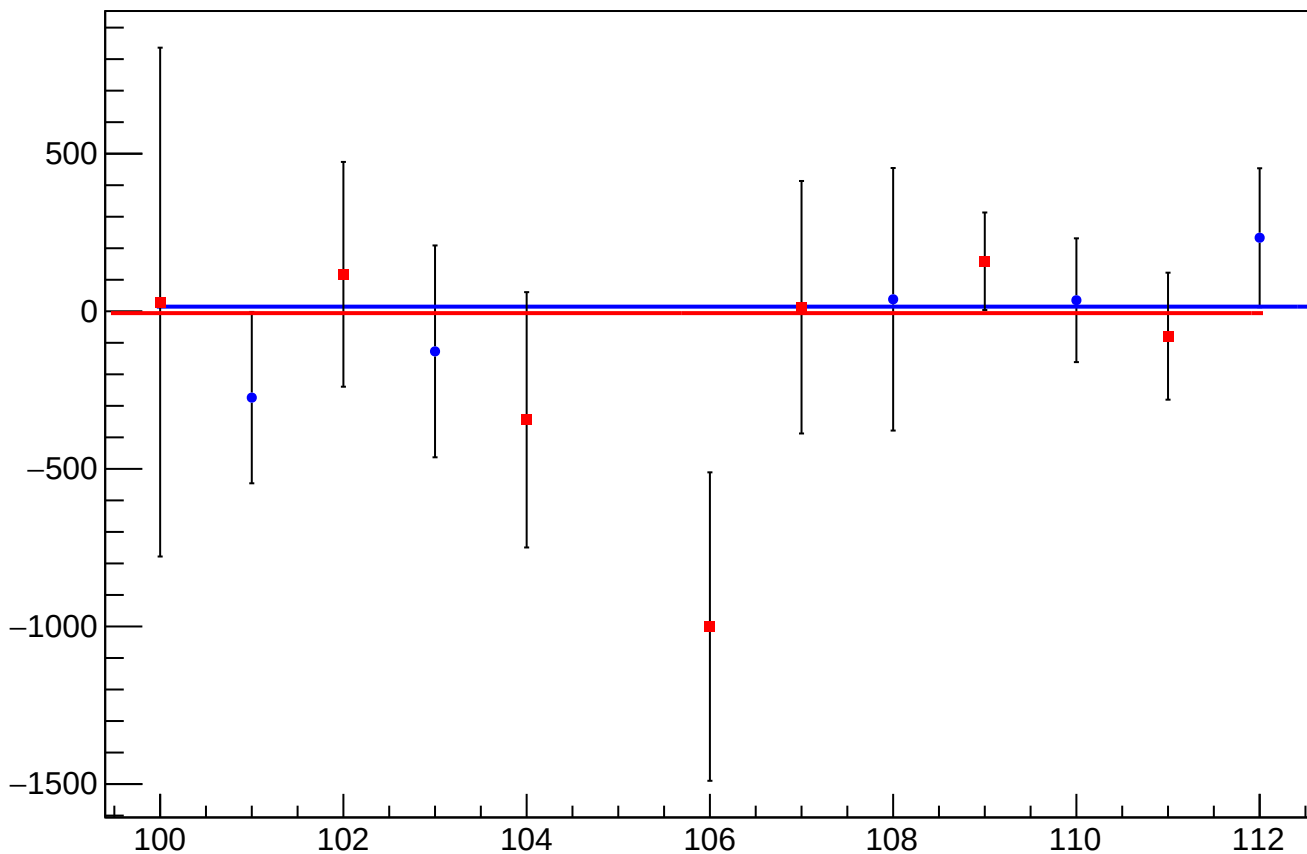
Right: 9.642 $\pm$ 0.003 χ^2 /NDF: 37212.0/11

In: 9.602 $\pm$ 0.004 χ^2 /NDF:18223.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 9.642 $\pm$ 0.003 χ^2 /NDF: 37212.0/11

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 14.727+/-115.722 χ^2/NDF : 2.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.846+/-104.066 χ^2/NDF : 6.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

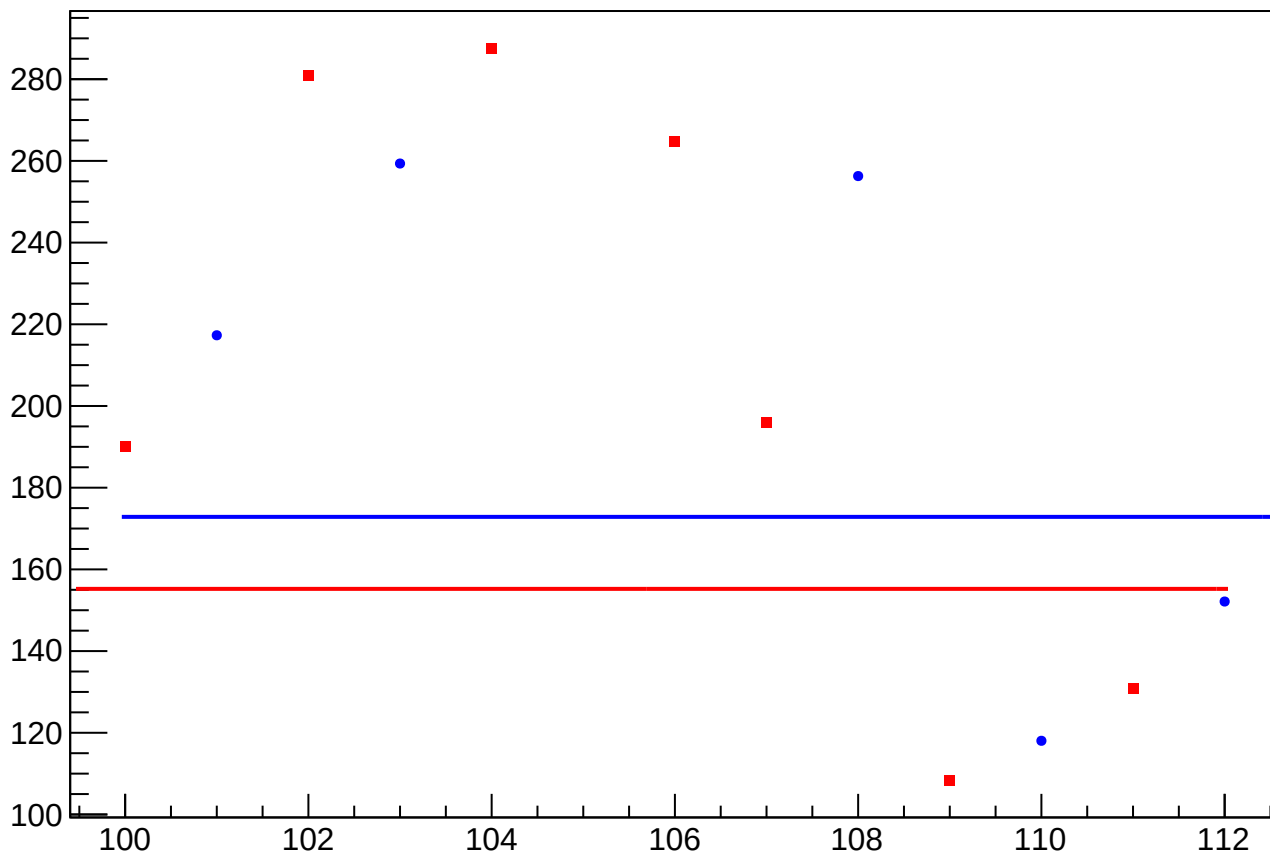
Right: 3.353+/-77.380 χ^2/NDF : 8.5/11

In: 14.727+/-115.722 χ^2/NDF : 2.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.353+/-77.380 χ^2/NDF : 8.5/11

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 172.857 $\pm$ 0.082 χ^2 /NDF: 439780.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 155.230 $\pm$ 0.074 χ^2 /NDF: 798771.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

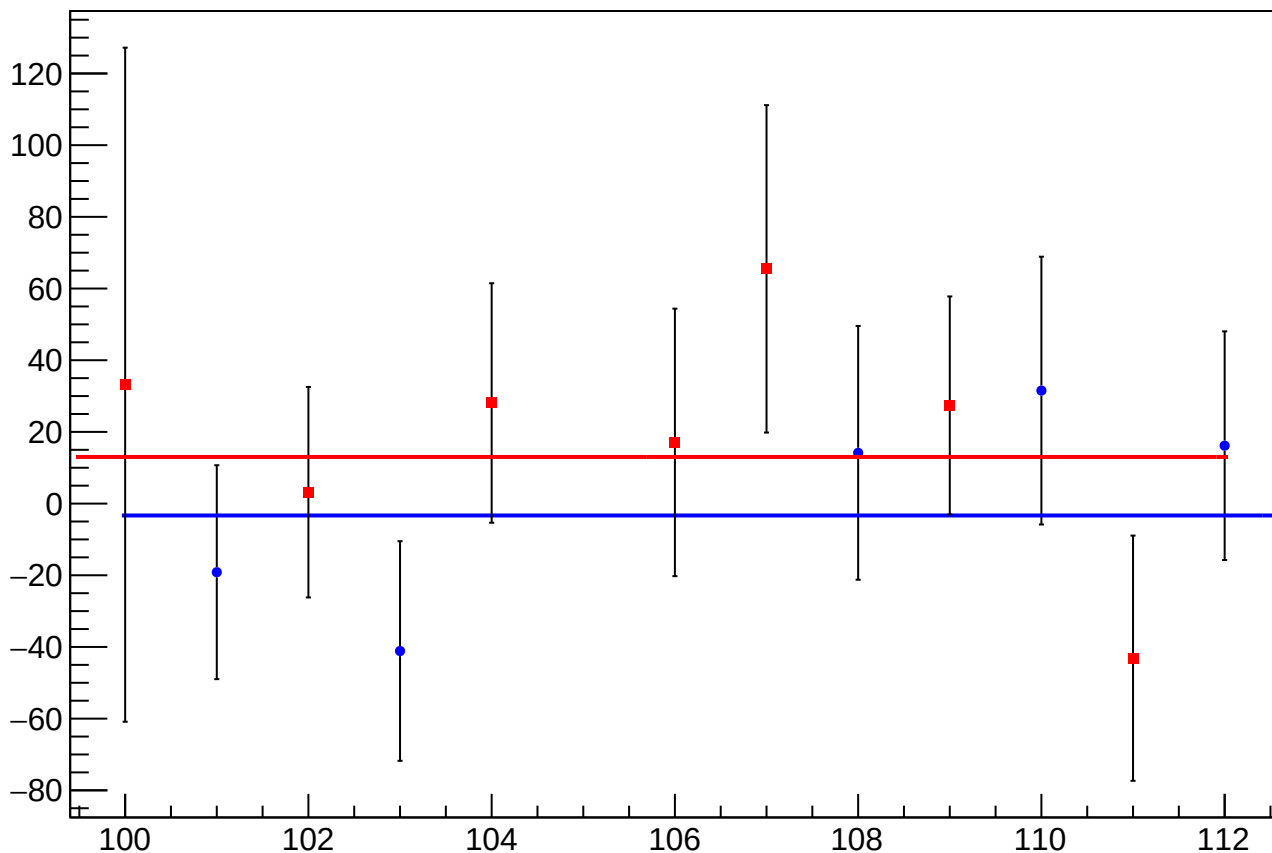
Right: 163.112 $\pm$ 0.055 χ^2 /NDF: 1264206.8/11

In: 172.857 $\pm$ 0.082 χ^2 /NDF:439780.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 163.112 $\pm$ 0.055 χ^2 /NDF: 1264206.8/11

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -3.318+/-14.609 χ^2/NDF : 3.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.009+/-13.734 χ^2/NDF : 4.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

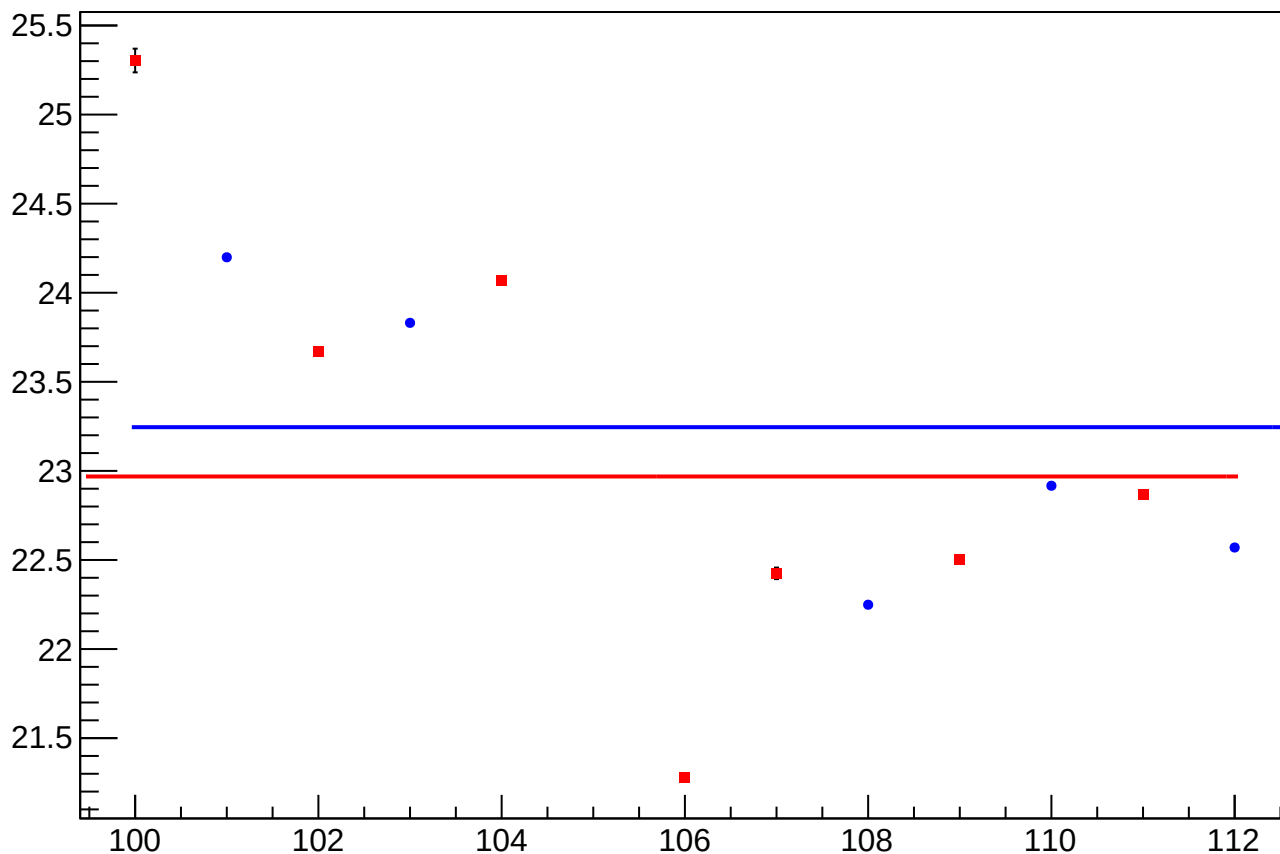
Right: 5.349+/-10.006 χ^2/NDF : 8.6/11

In: -3.318+/-14.609 χ^2/NDF : 3.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.349+/-10.006 χ^2/NDF : 8.6/11

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 23.245+/-0.010 χ^2/NDF : 5409.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.969+/-0.010 χ^2/NDF : 9398.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

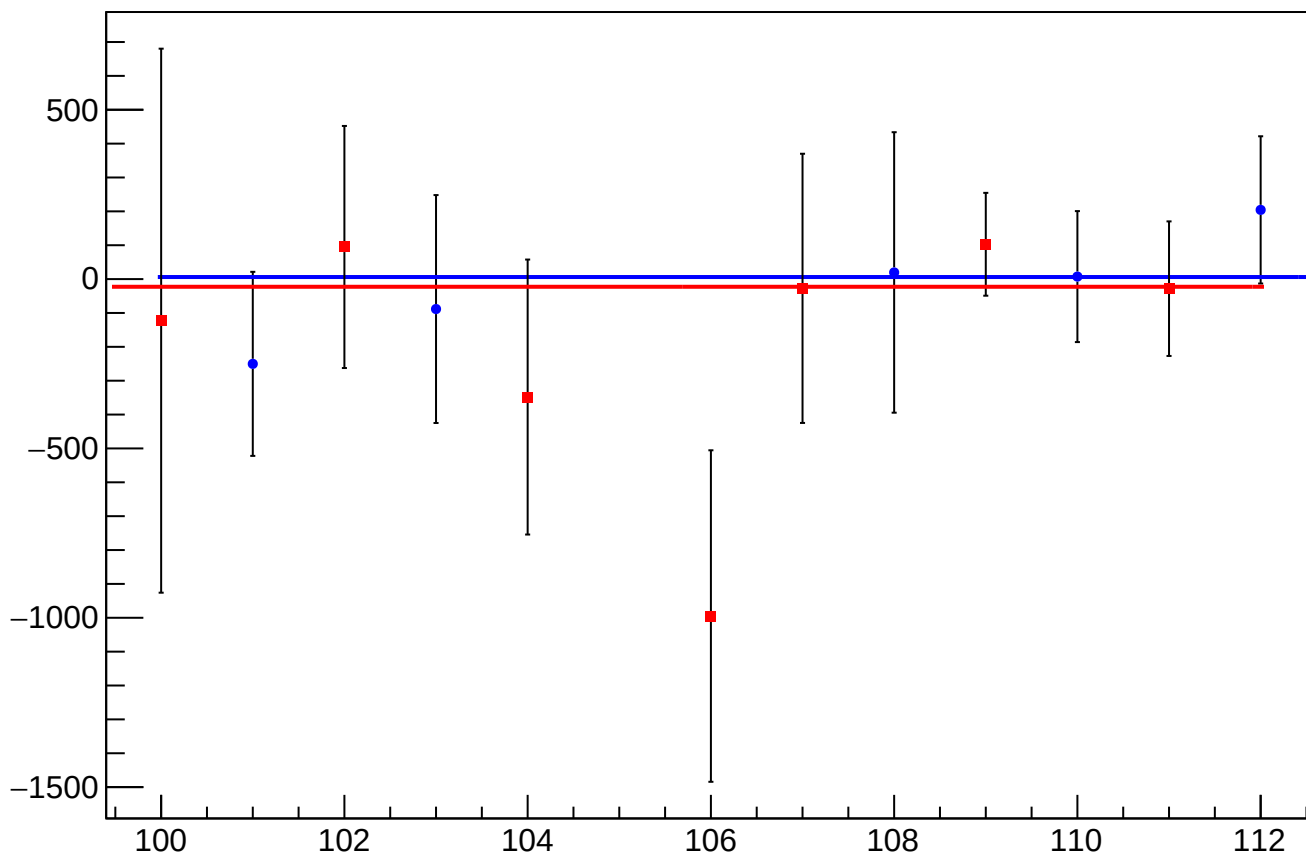
Right: 23.098+/-0.007 χ^2/NDF : 15189.0/11

In: 23.245+/-0.010 χ^2/NDF : 5409.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.098+/-0.007 χ^2/NDF : 15189.0/11

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 6.110+/-114.620 χ^2/NDF : 1.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -22.663+/-102.772 χ^2/NDF : 5.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

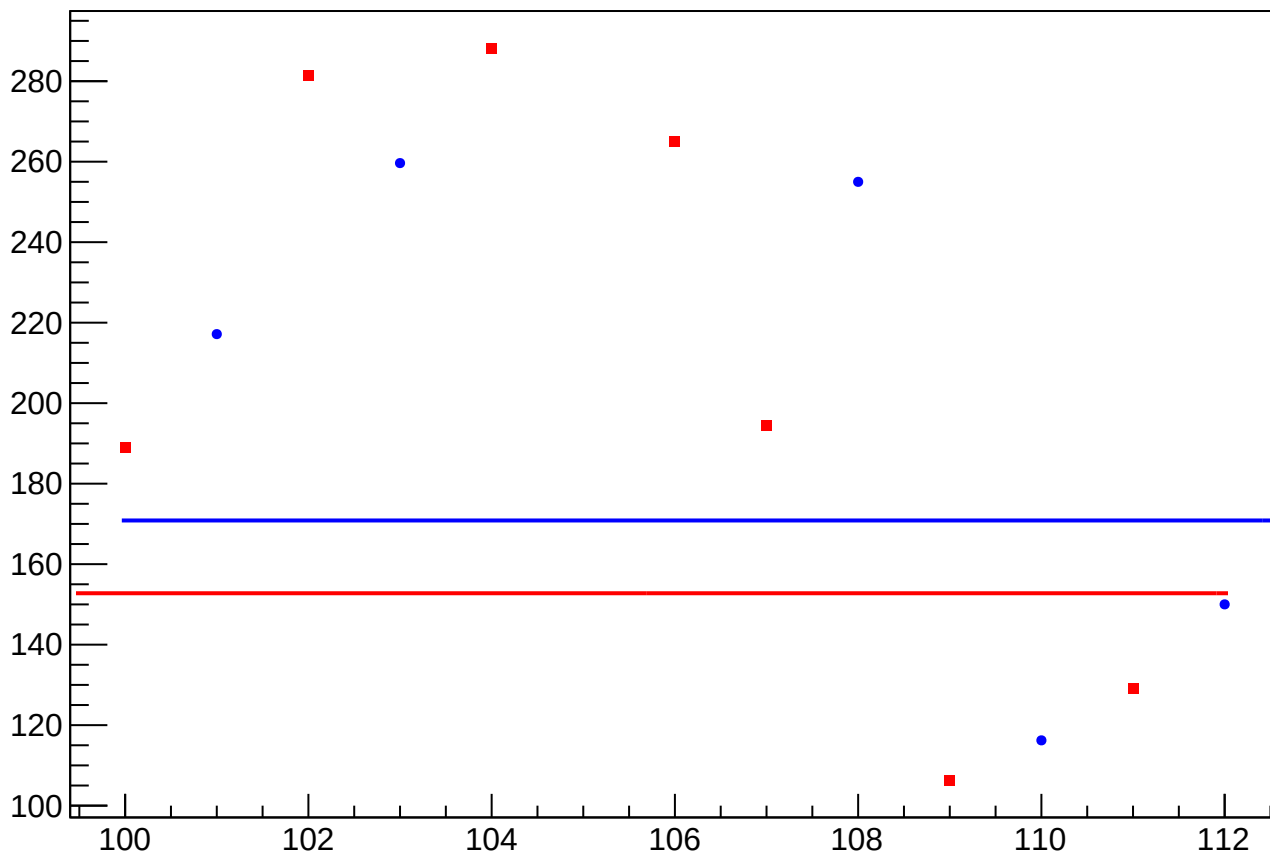
Right: -9.840+/-76.518 χ^2/NDF : 7.2/11

In: 6.110+/-114.620 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.840+/-76.518 χ^2/NDF : 7.2/11

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 170.854+/-0.081 χ^2/NDF : 457966.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.773+/-0.073 χ^2/NDF : 828668.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

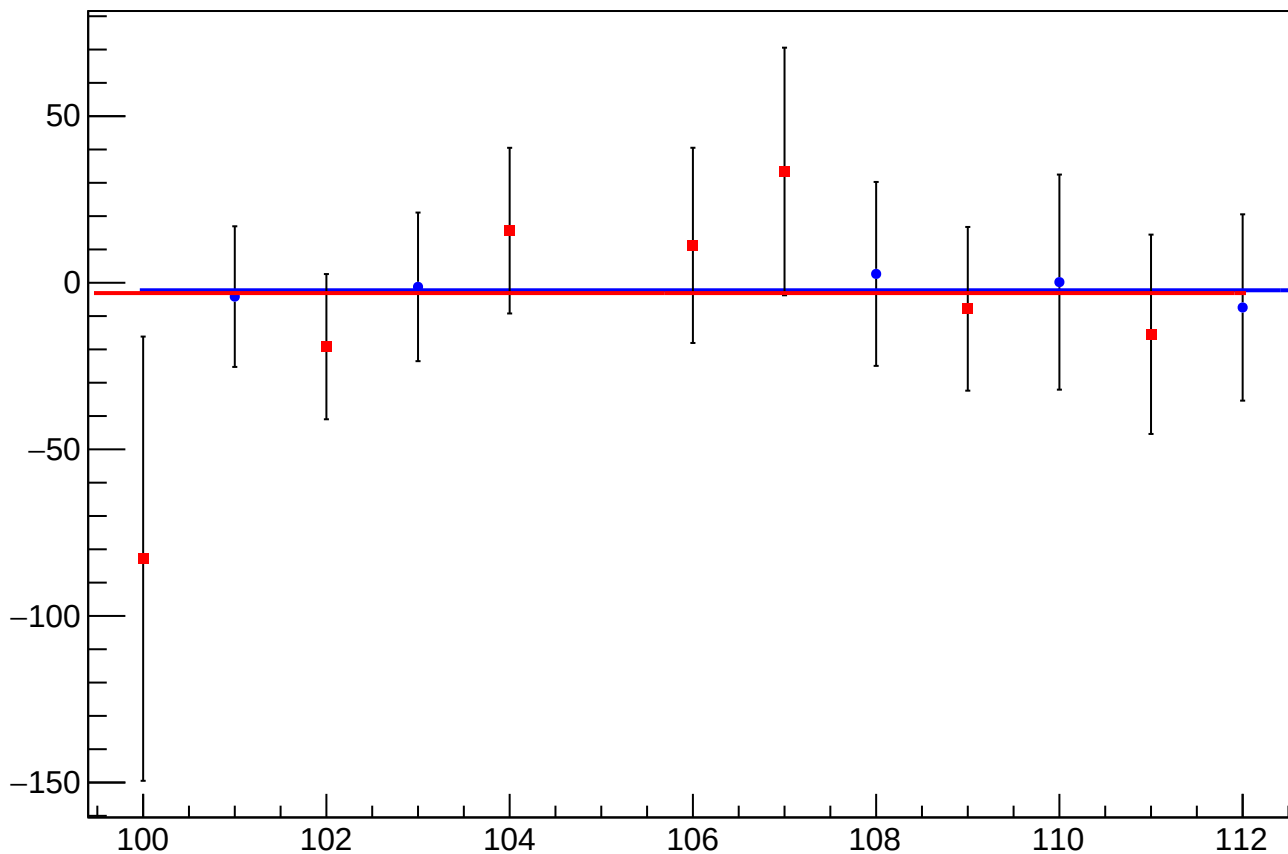
Right: 160.831+/-0.054 χ^2/NDF : 1314224.4/11

In: 170.854+/-0.081 χ^2/NDF : 457966.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.831+/-0.054 χ^2/NDF : 1314224.4/11

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -2.255+/-11.318 χ^2/NDF : 0.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.096+/-10.776 χ^2/NDF : 4.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

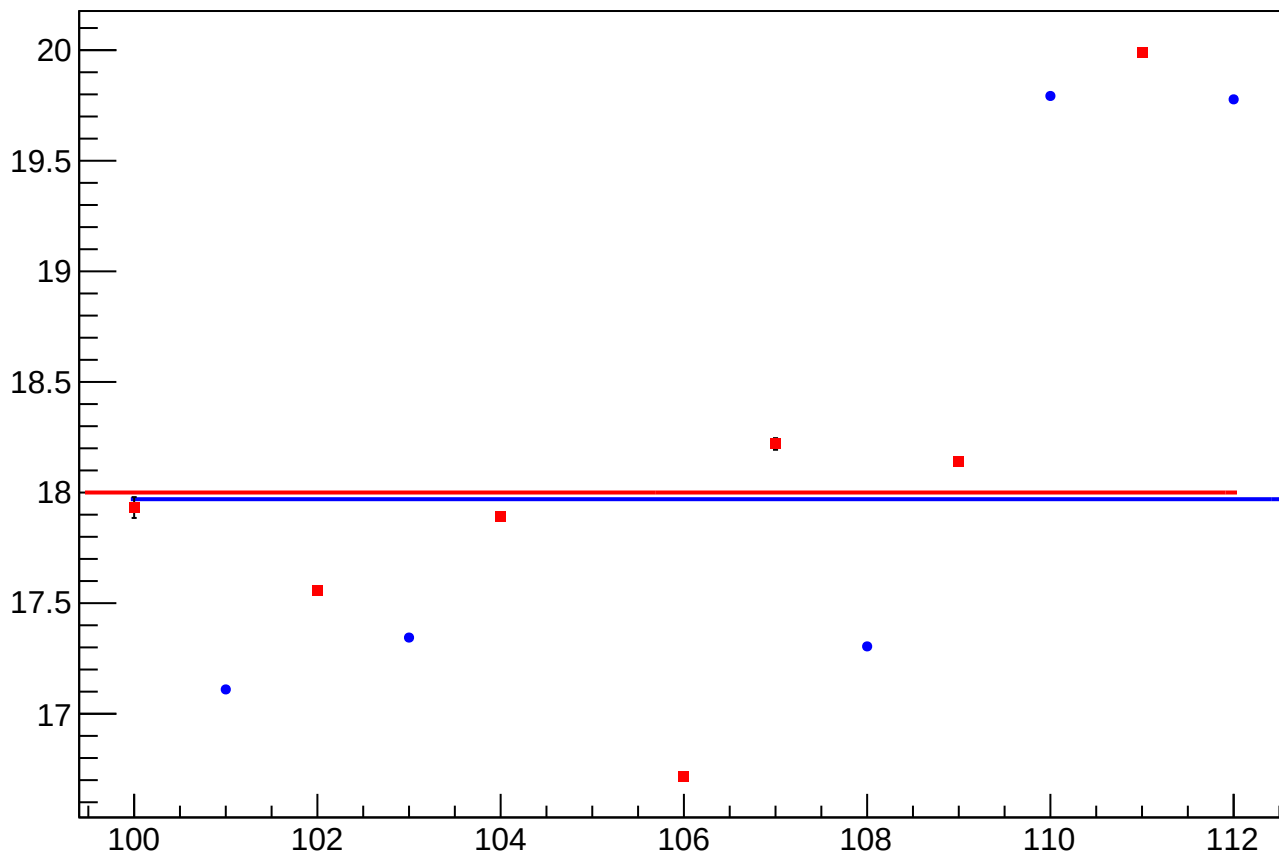
Right: -2.696+/-7.804 χ^2/NDF : 4.0/11

In: -2.255+/-11.318 χ^2/NDF : 0.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.696+/-7.804 χ^2/NDF : 4.0/11

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.970+/-0.008 χ^2/NDF : 20790.4/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 18.000+/-0.008 χ^2/NDF : 13687.1/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

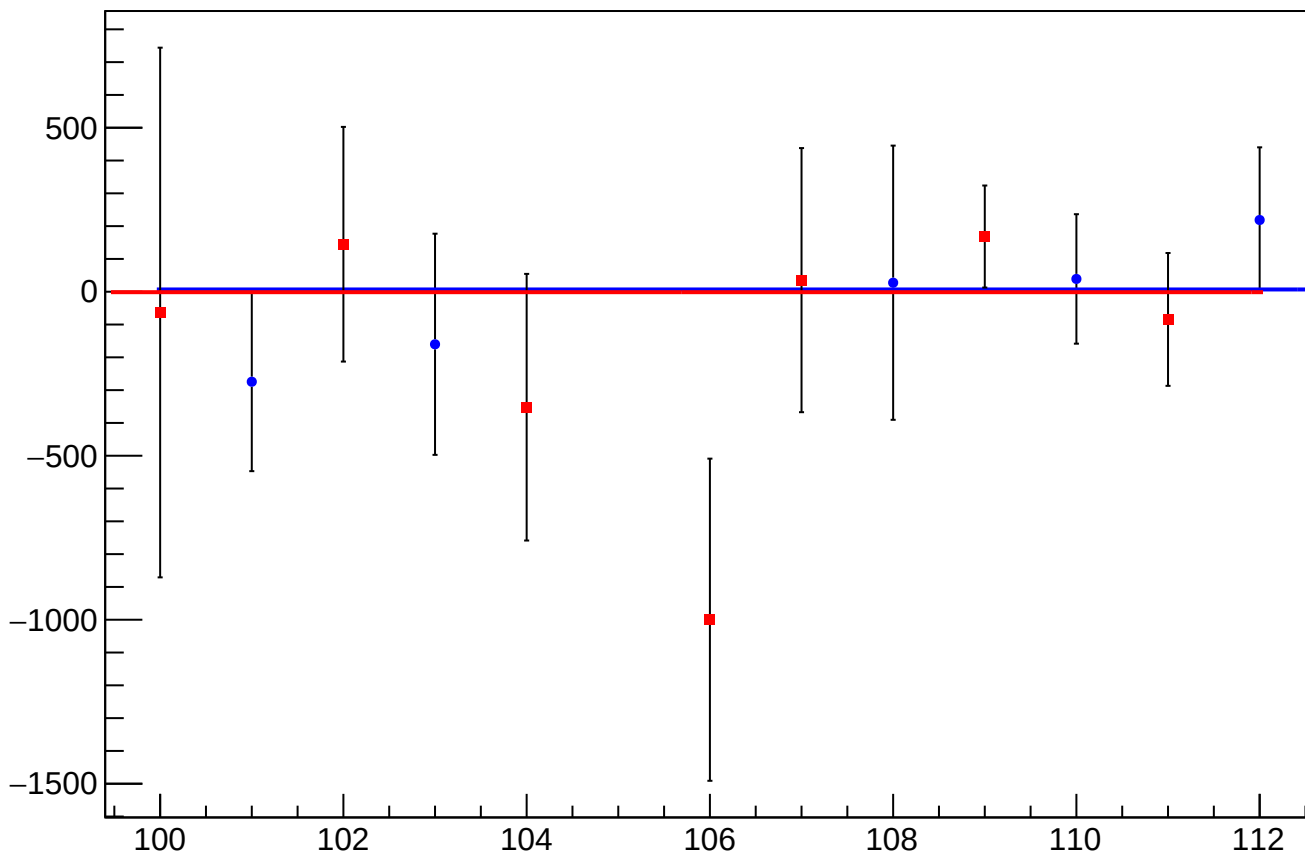
Right: 17.986+/-0.006 χ^2/NDF : 34484.9/11

In: 17.970+/-0.008 χ^2/NDF :20790.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 17.986+/-0.006 χ^2/NDF : 34484.9/11

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 6.920+/-116.225 χ^2/NDF : 2.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.366+/-104.569 χ^2/NDF : 6.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

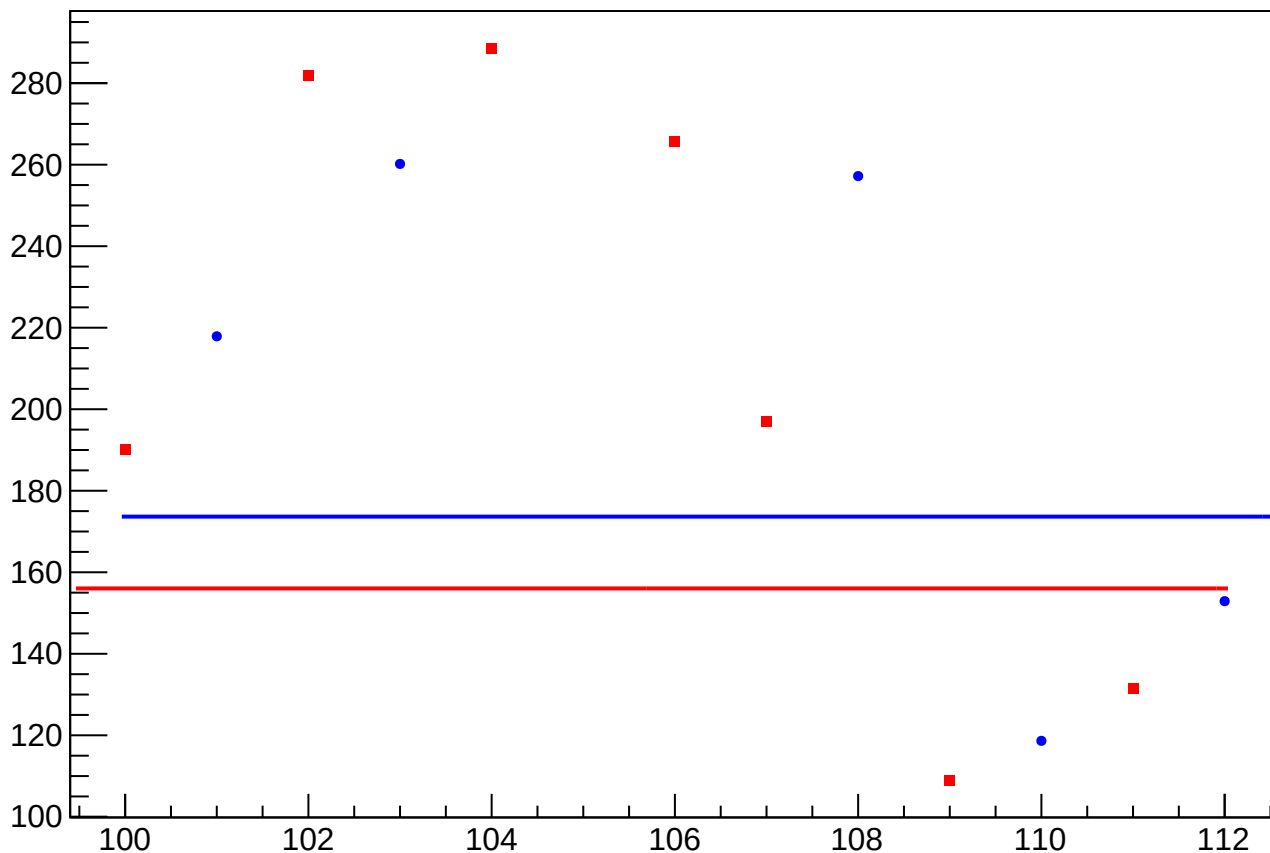
Right: 2.341+/-77.737 χ^2/NDF : 8.7/11

In: 6.920+/-116.225 χ^2/NDF : 2.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.341+/-77.737 χ^2/NDF : 8.7/11

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 173.654+/-0.082 χ^2/NDF : 437263.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.035+/-0.074 χ^2/NDF : 795730.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

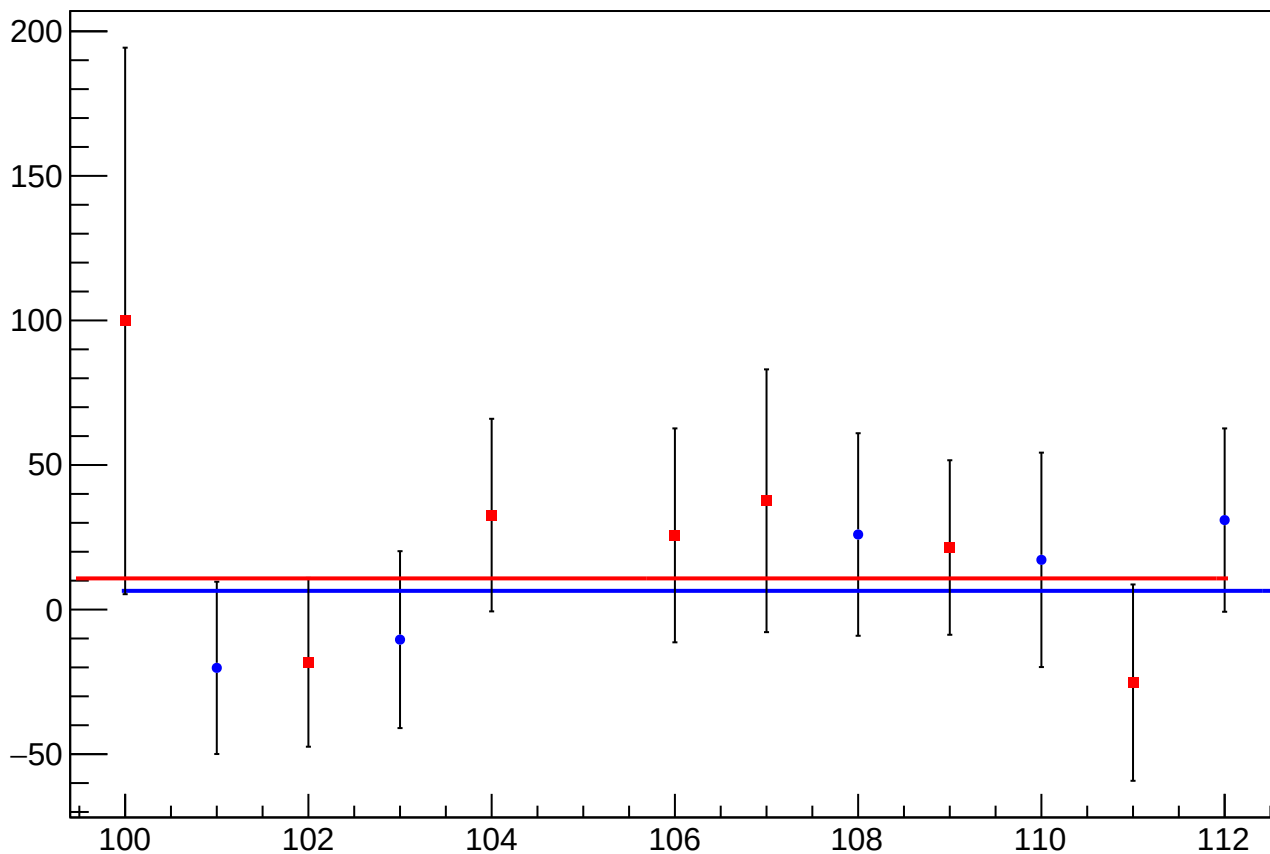
Right: 163.917+/-0.055 χ^2/NDF : 1258393.1/11

In: 173.654+/-0.082 χ^2/NDF : 437263.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.917+/-0.055 χ^2/NDF : 1258393.1/11

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 6.477+/-14.537 χ^2/NDF : 2.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.782+/-13.650 χ^2/NDF : 4.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

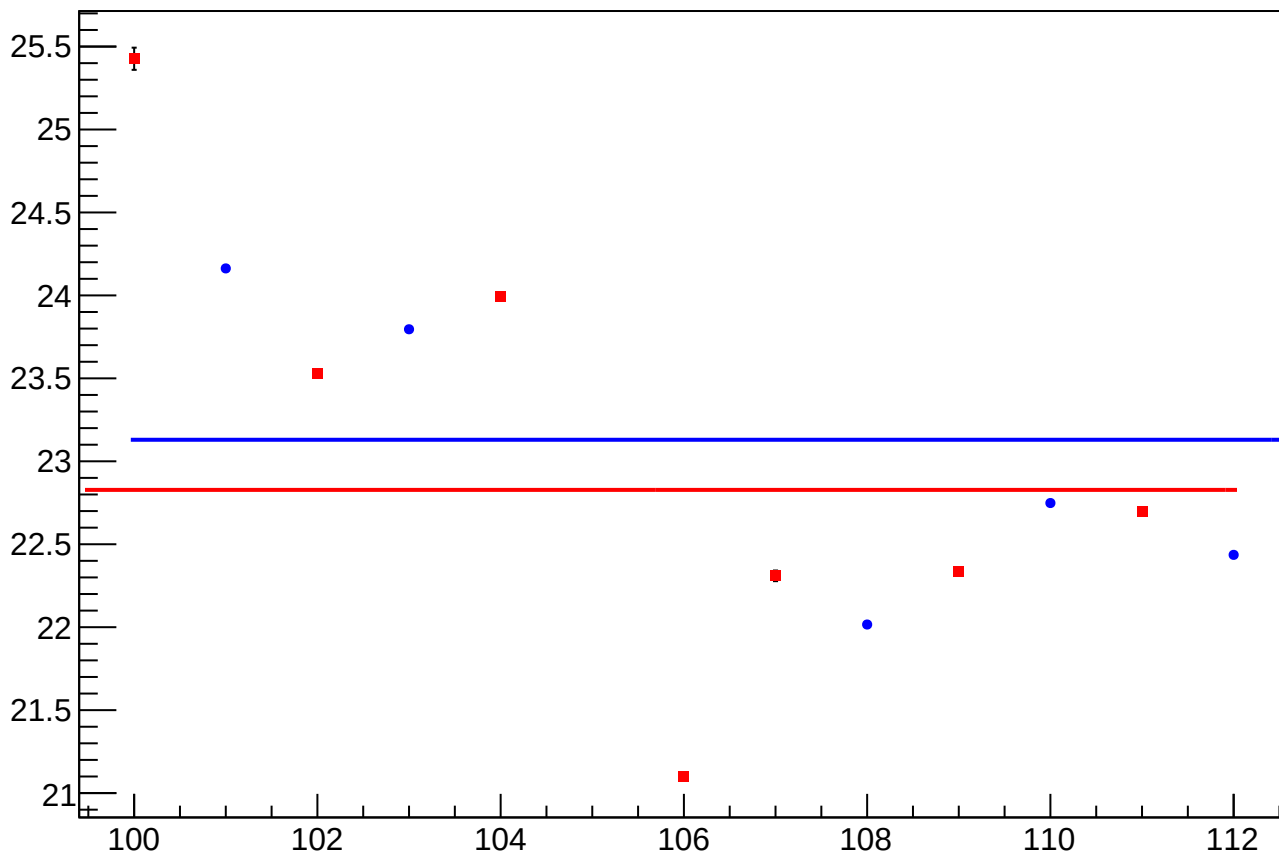
Right: 8.765+/-9.951 χ^2/NDF : 6.2/11

In: 6.477+/-14.537 χ^2/NDF : 2.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.765+/-9.951 χ^2/NDF : 6.2/11

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 23.130+/-0.010 χ^2/NDF : 6542.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.828+/-0.010 χ^2/NDF : 10297.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

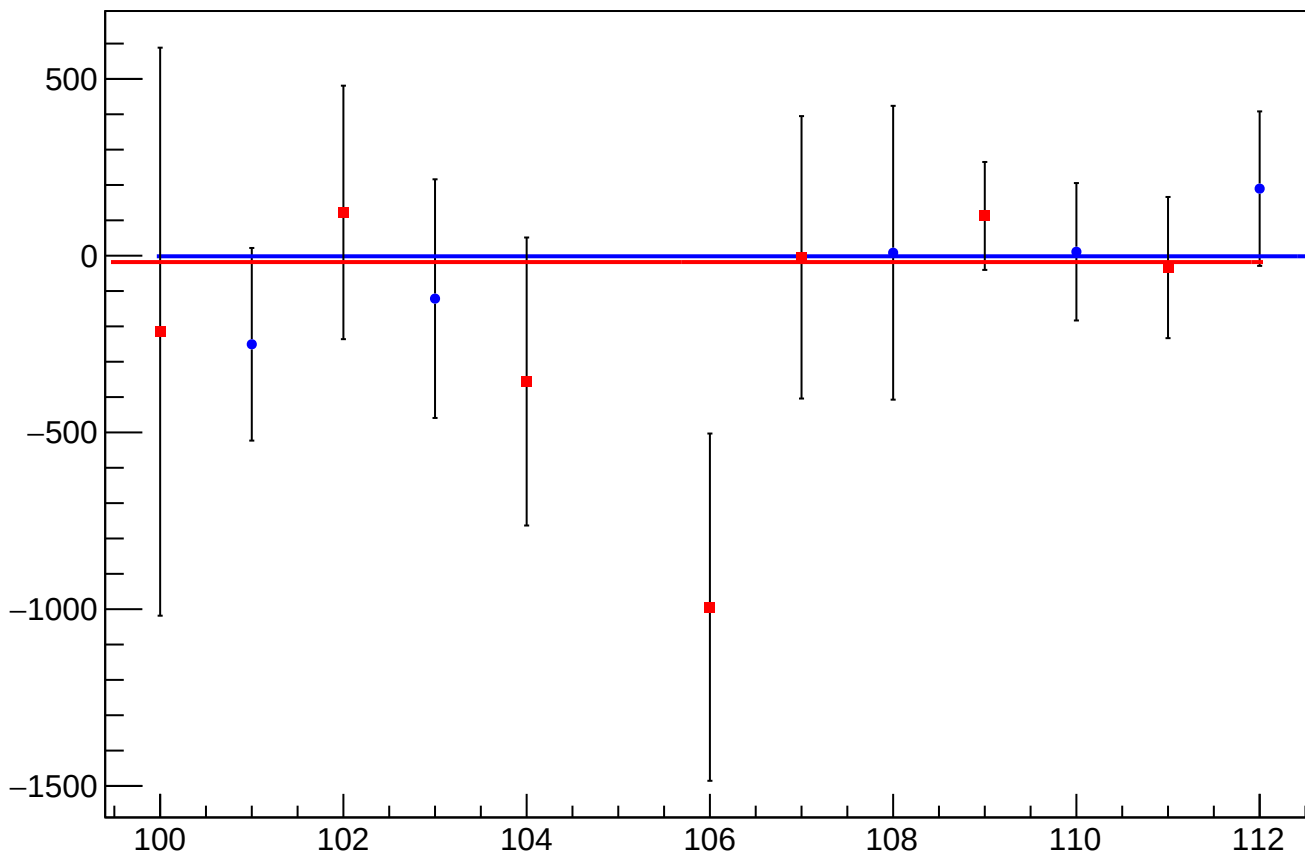
Right: 22.969+/-0.007 χ^2/NDF : 17299.6/11

In: 23.130+/-0.010 χ^2/NDF : 6542.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.969+/-0.007 χ^2/NDF : 17299.6/11

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -1.708+/-115.124 χ^2/NDF : 1.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.077+/-103.280 χ^2/NDF : 5.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

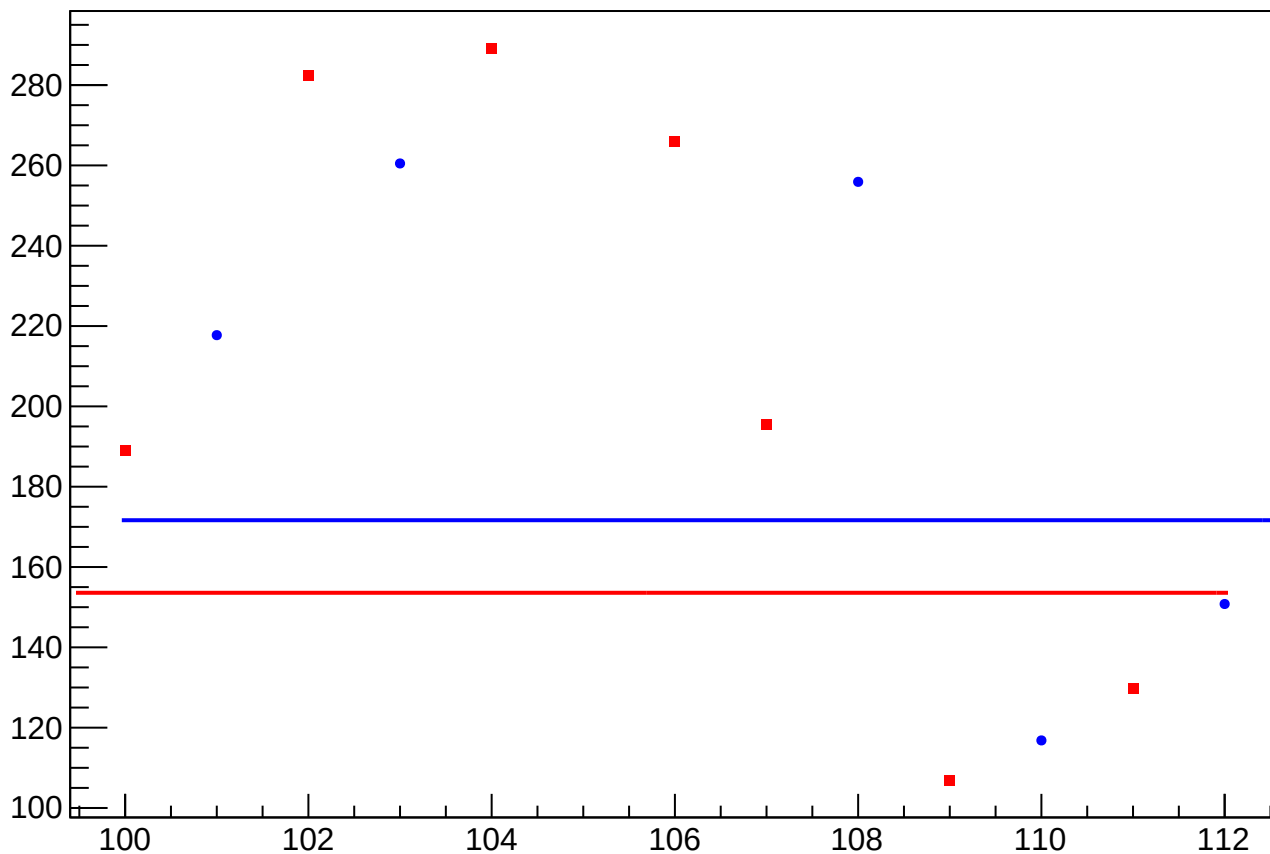
Right: -10.778+/-76.877 χ^2/NDF : 7.3/11

In: -1.708+/-115.124 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.778+/-76.877 χ^2/NDF : 7.3/11

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 171.654+/-0.081 χ^2/NDF : 455297.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.585+/-0.073 χ^2/NDF : 825396.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

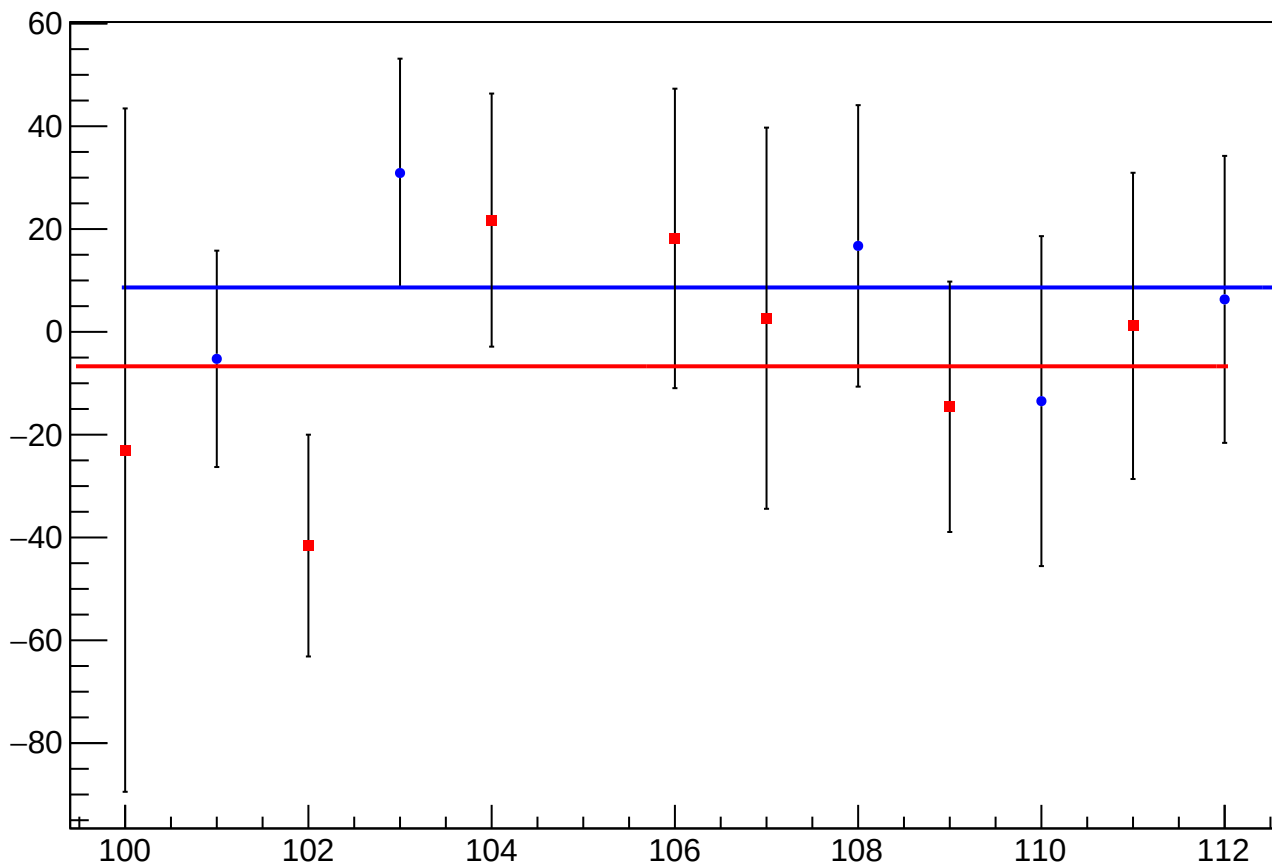
Right: 161.642+/-0.054 χ^2/NDF : 1307993.1/11

In: 171.654+/-0.081 χ^2/NDF : 455297.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.642+/-0.054 χ^2/NDF : 1307993.1/11

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 8.639+/-11.274 χ^2/NDF : 2.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.699+/-10.694 χ^2/NDF : 5.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

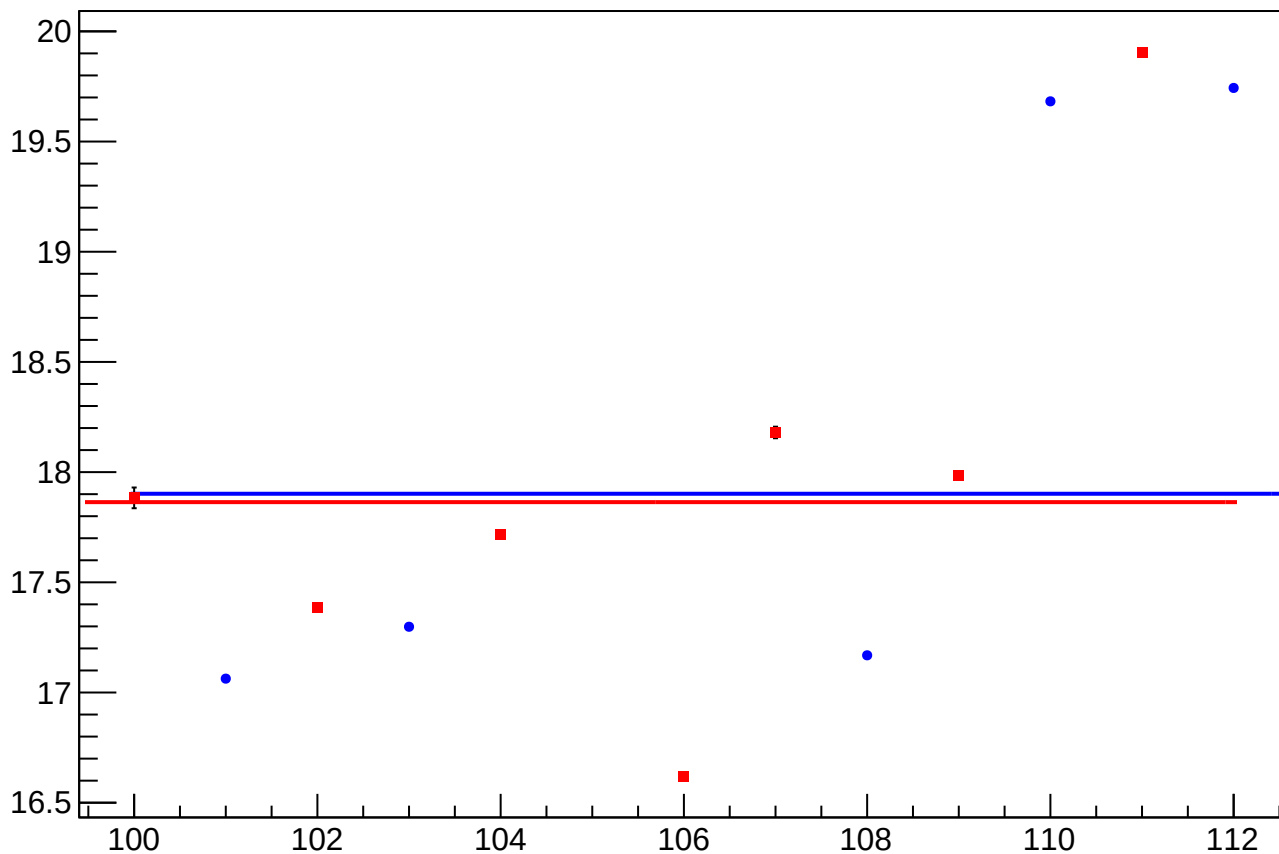
Right: 0.566+/-7.759 χ^2/NDF : 8.0/11

In: 8.639+/-11.274 χ^2/NDF : 2.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.566+/-7.759 χ^2/NDF : 8.0/11

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.902 $\pm$ 0.008 χ^2 /NDF: 20944.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 17.864 $\pm$ 0.008 χ^2 /NDF: 14291.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

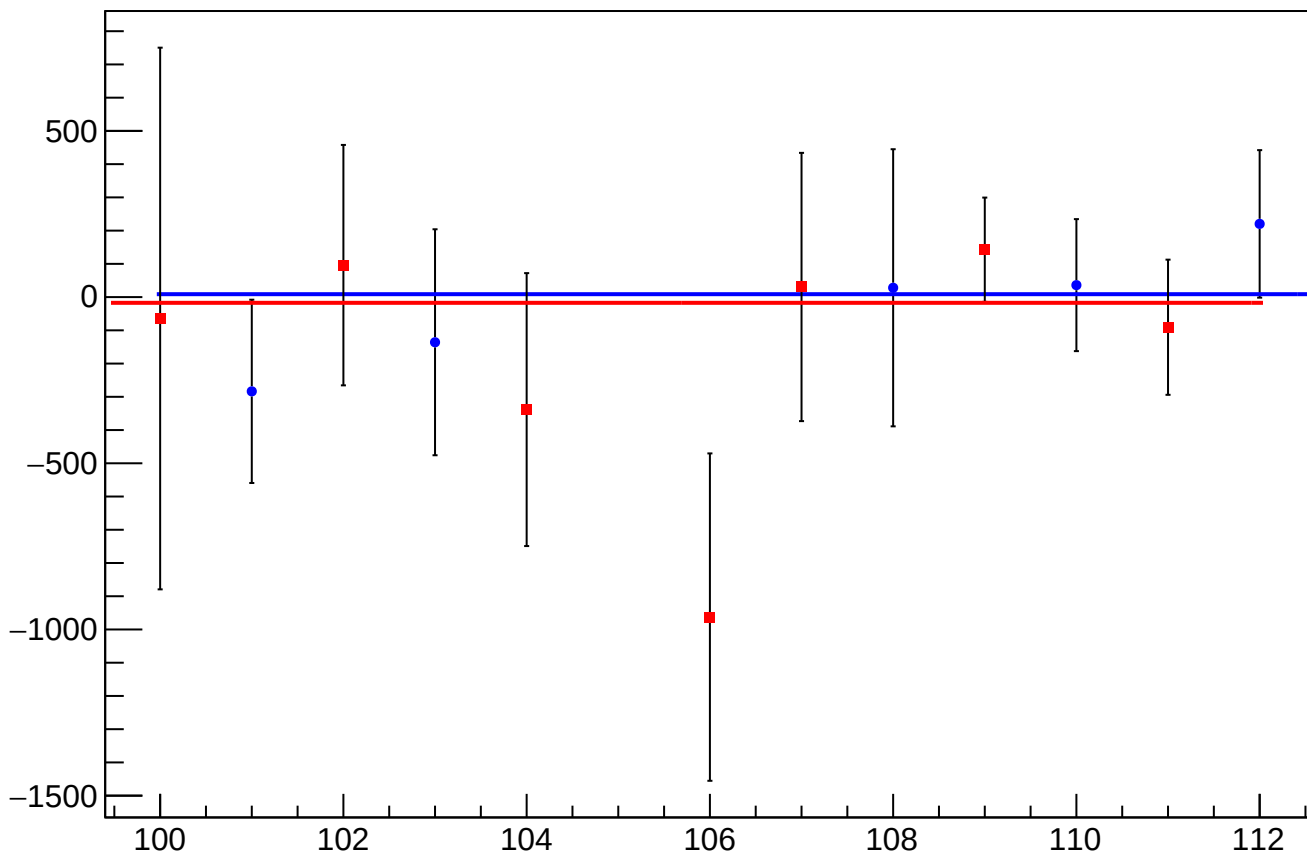
Right: 17.882 $\pm$ 0.005 χ^2 /NDF: 35248.0/11

In: 17.902 $\pm$ 0.008 χ^2 /NDF:20944.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 17.882 $\pm$ 0.005 χ^2 /NDF: 35248.0/11

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 8.767+/-116.857 χ^2/NDF : 2.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.224+/-105.308 χ^2/NDF : 5.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

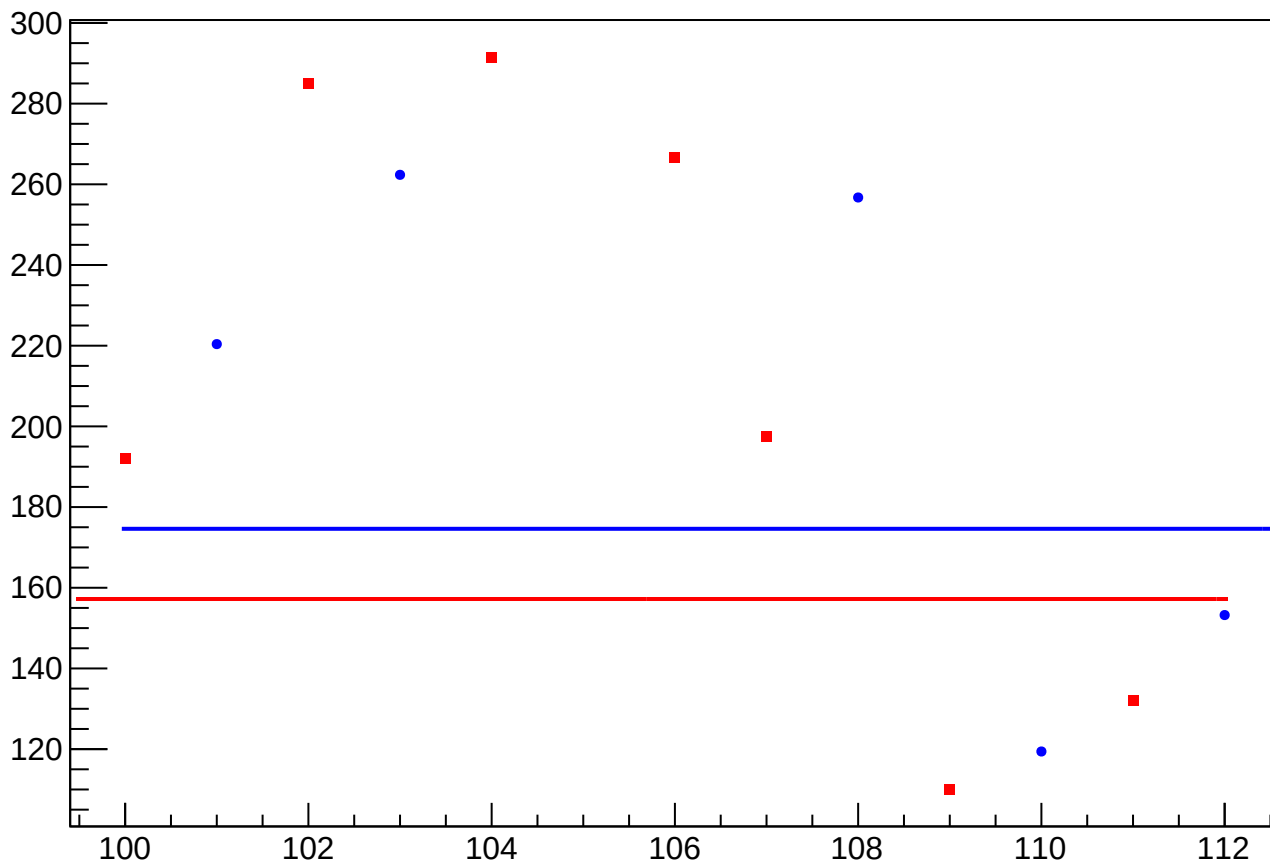
Right: -5.576+/-78.229 χ^2/NDF : 7.8/11

In: 8.767+/-116.857 χ^2/NDF : 2.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.576+/-78.229 χ^2/NDF : 7.8/11

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 174.614 $\pm$ 0.083 χ^2 /NDF: 439071.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 157.213 $\pm$ 0.074 χ^2 /NDF: 796381.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

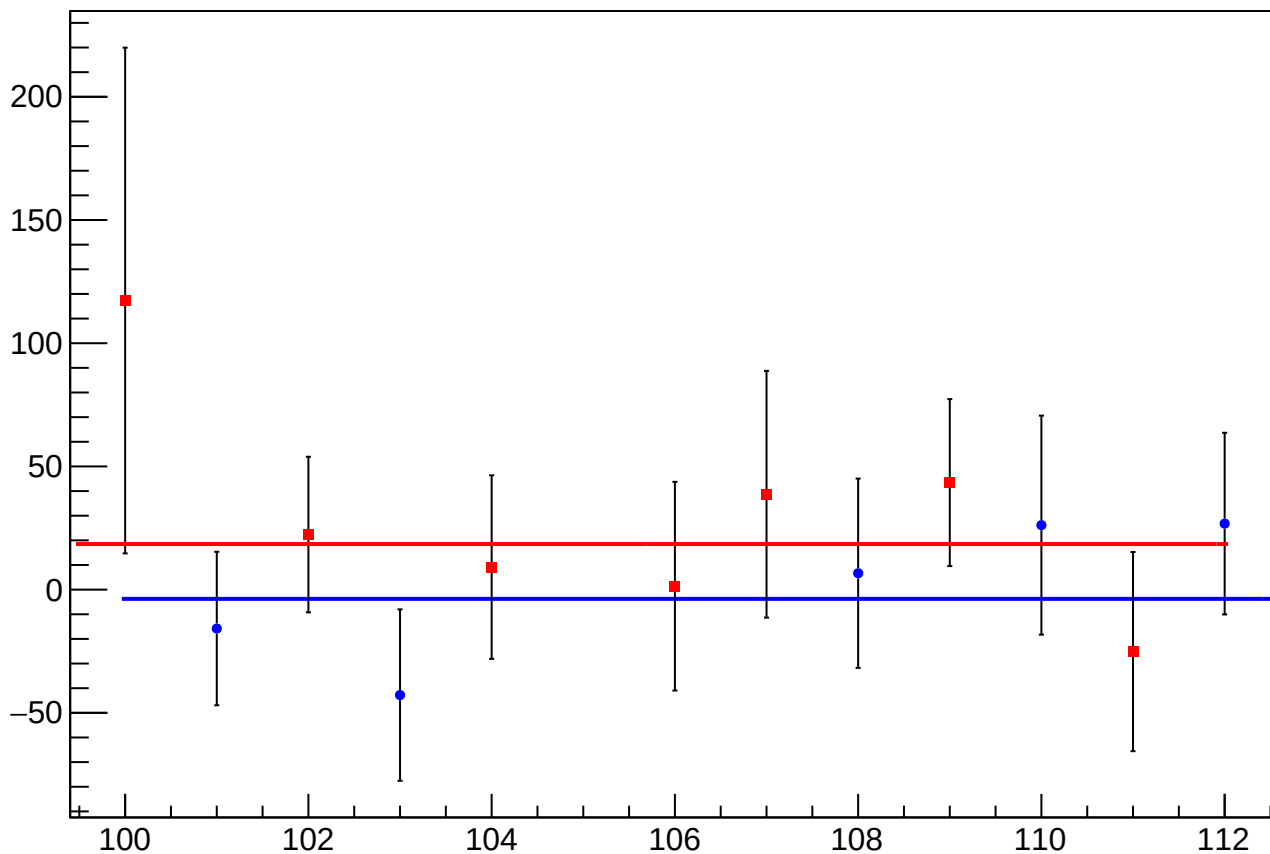
Right: 165.011 $\pm$ 0.055 χ^2 /NDF: 1259925.2/11

In: 174.614 $\pm$ 0.083 χ^2 /NDF:439071.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 165.011 $\pm$ 0.055 χ^2 /NDF: 1259925.2/11

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -3.746+/-16.272 χ^2/NDF : 2.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.504+/-15.324 χ^2/NDF : 3.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

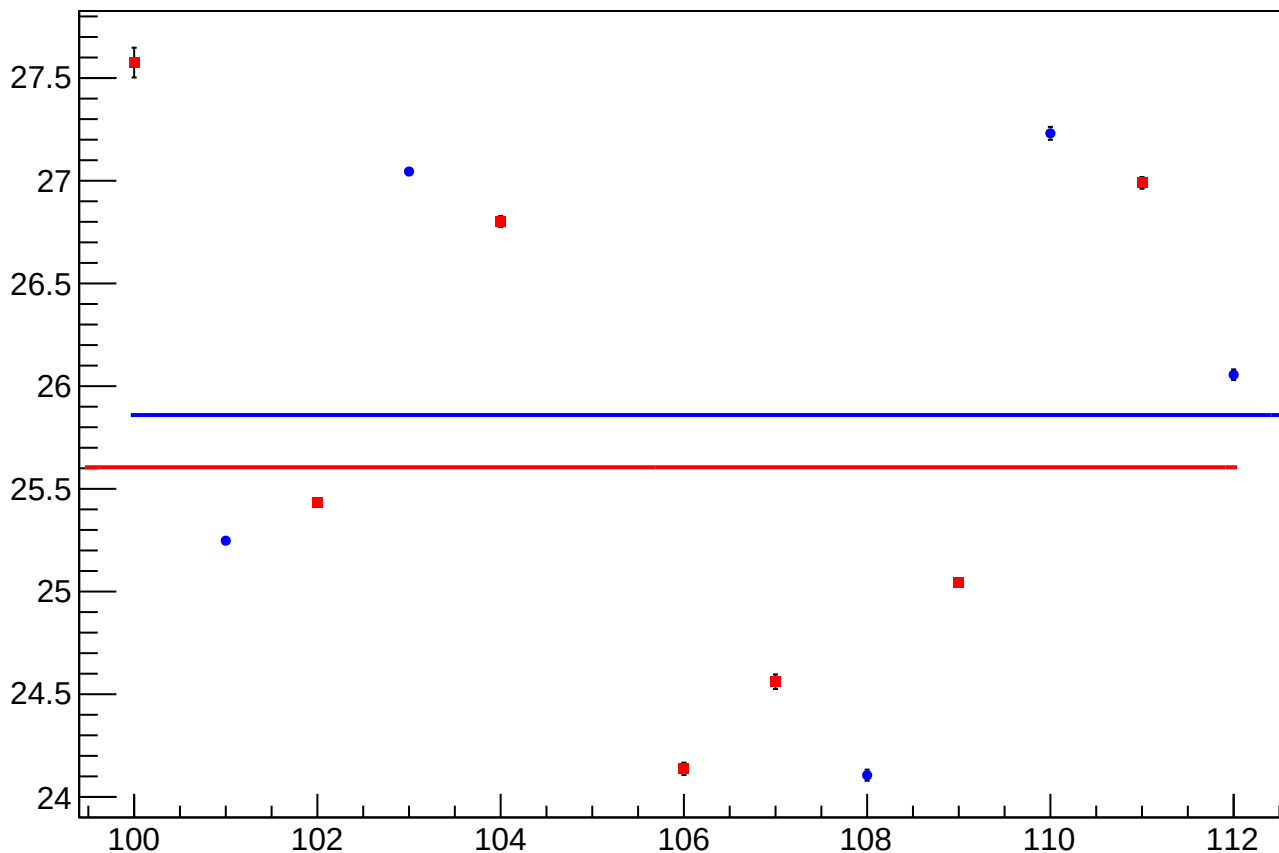
Right: 8.046+/-11.156 χ^2/NDF : 6.7/11

In: -3.746+/-16.272 χ^2/NDF : 2.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.046+/-11.156 χ^2/NDF : 6.7/11

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.859+/-0.012 χ^2/NDF : 9223.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.605+/-0.011 χ^2/NDF : 9032.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

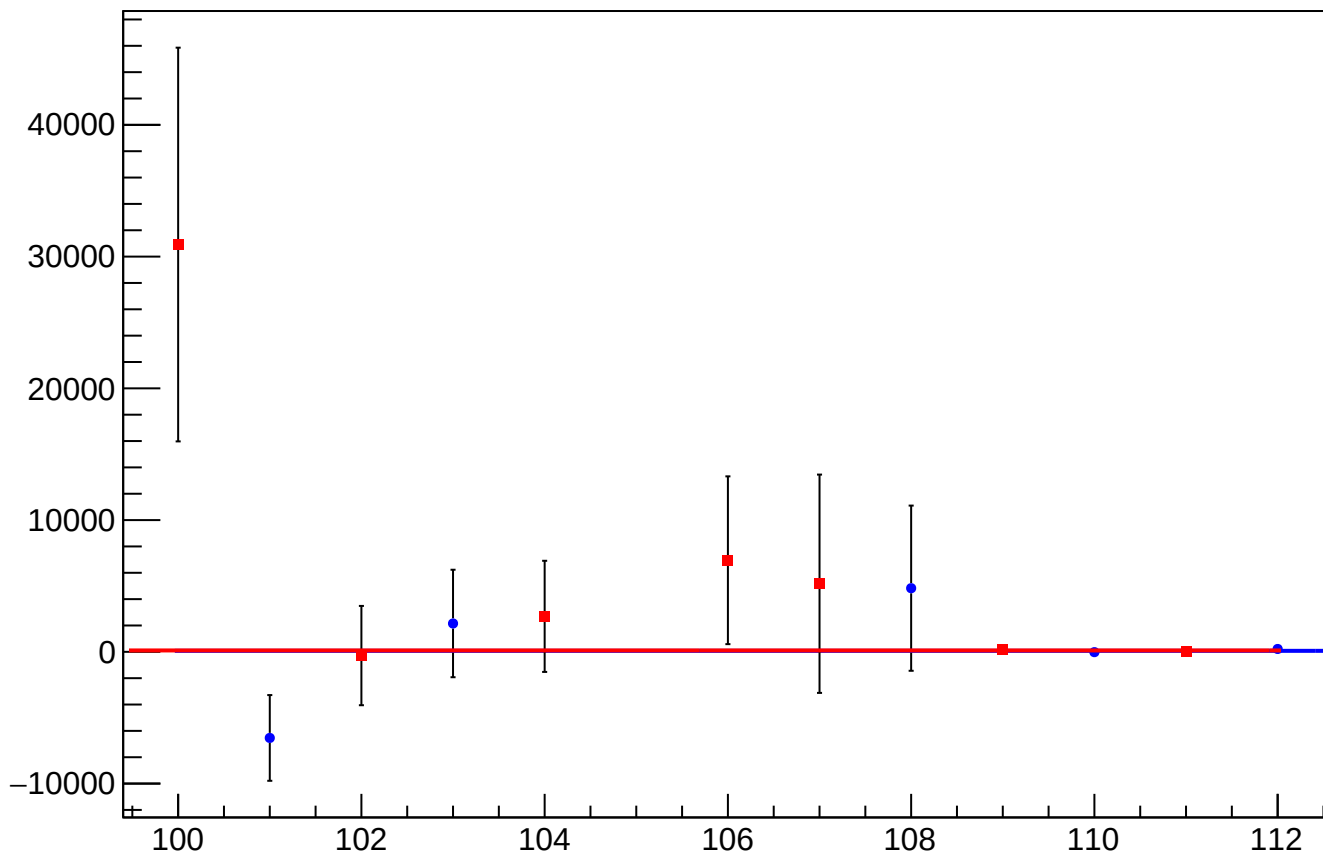
Right: 25.725+/-0.008 χ^2/NDF : 18514.7/11

In: 25.859+/-0.012 χ^2/NDF : 9223.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.725+/-0.008 χ^2/NDF : 18514.7/11

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 75.402+/-145.250 χ^2/NDF : 5.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 105.610+/-144.610 χ^2/NDF : 6.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

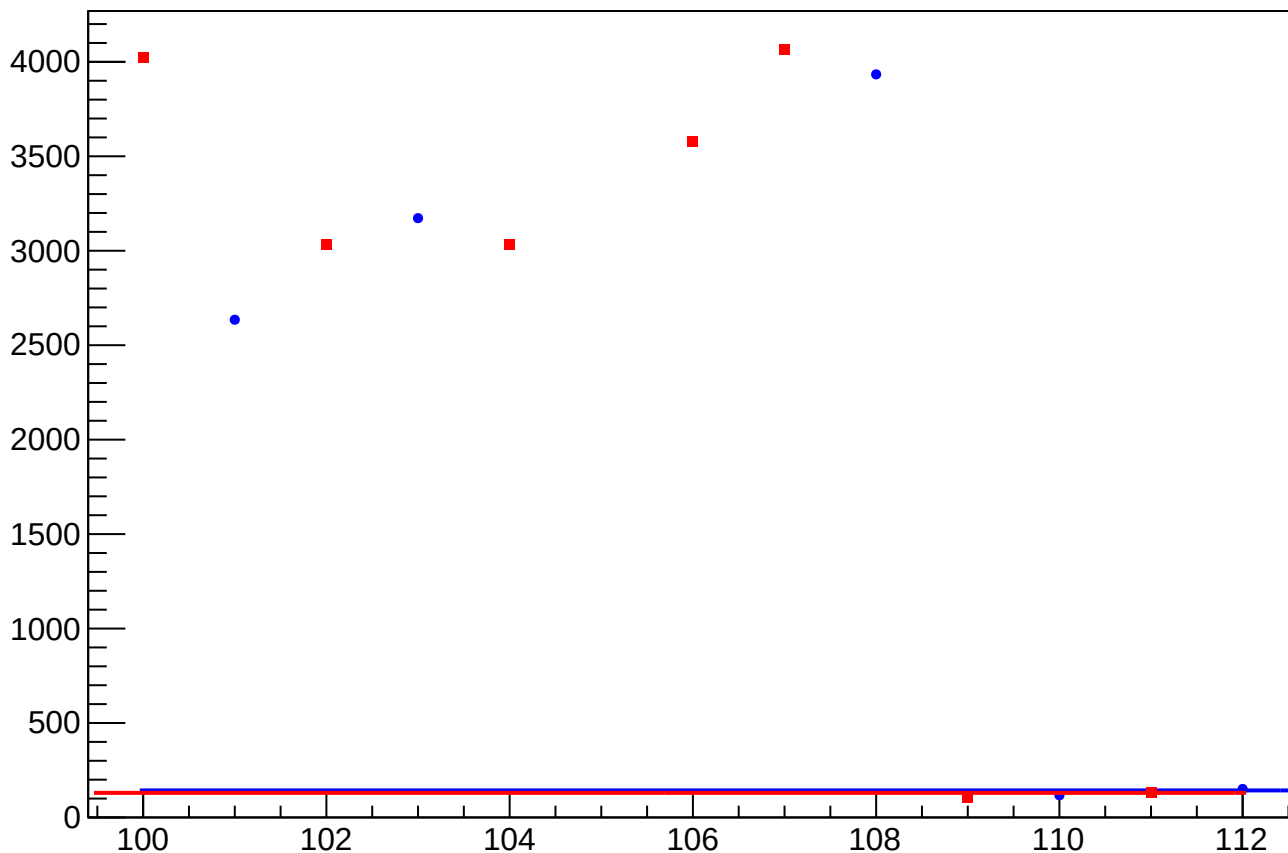
Right: 90.573+/-102.480 χ^2/NDF : 12.3/11

In: 75.402+/-145.250 χ^2/NDF : 5.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.573+/-102.480 χ^2/NDF : 12.3/11

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 143.086+/-0.103 χ^2/NDF : 3044313.5/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 130.163+/-0.102 χ^2/NDF : 3333303.2/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

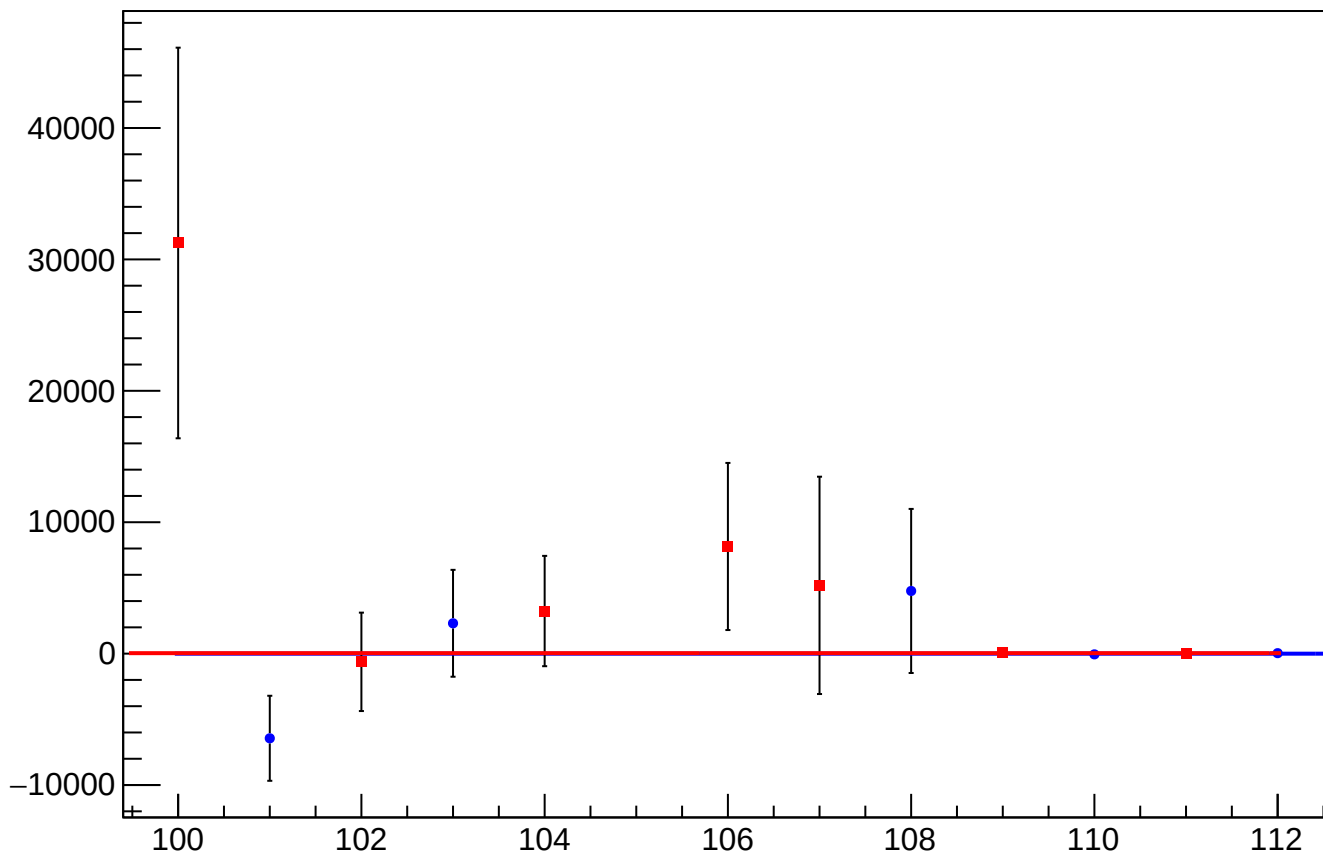
Right: 136.596+/-0.072 χ^2/NDF : 6385567.7/11

In: 143.086+/-0.103 χ^2/NDF :3044313.5/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 136.596+/-0.072 χ^2/NDF : 6385567.7/11

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -3.261+/-28.627 χ^2/NDF : 7.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.161+/-31.949 χ^2/NDF : 7.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

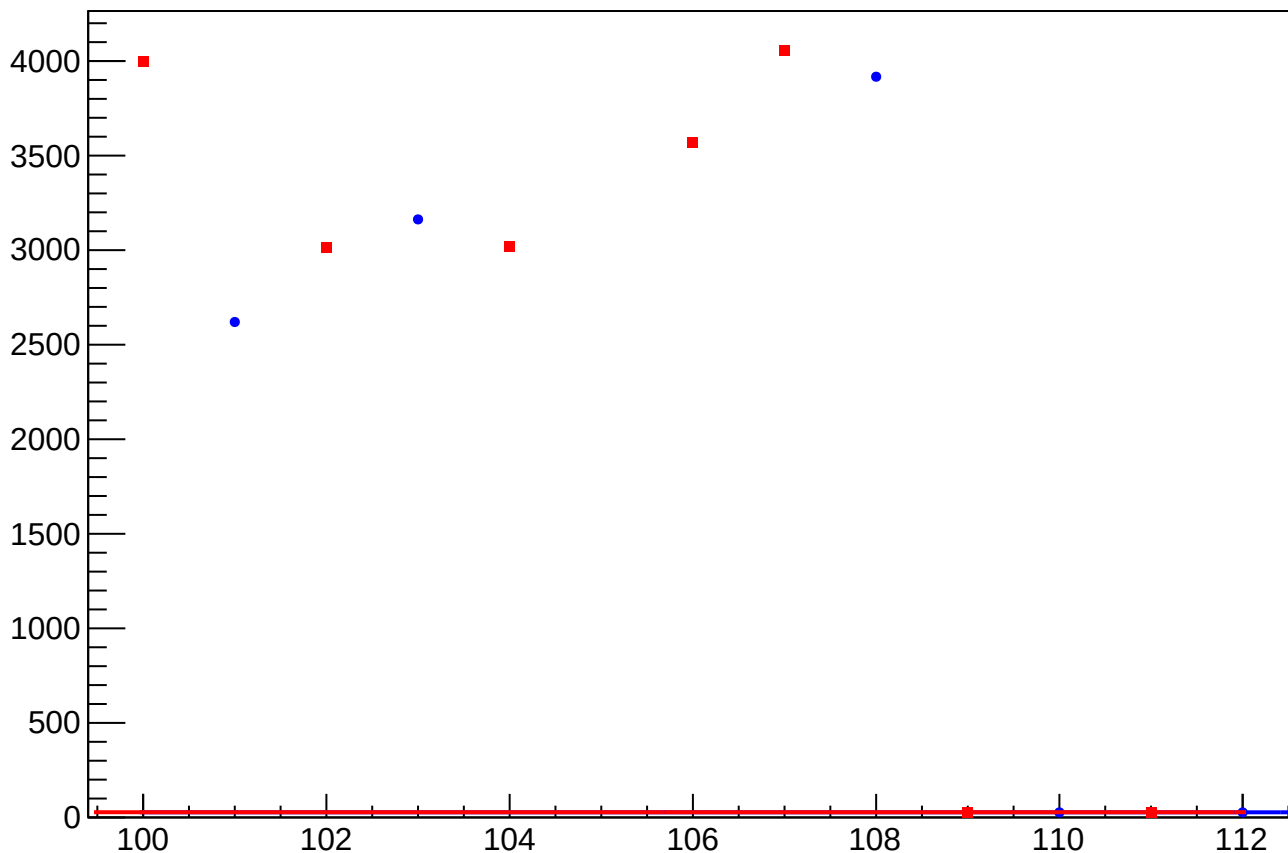
Right: 14.294+/-21.320 χ^2/NDF : 15.5/11

In: -3.261+/-28.627 χ^2/NDF : 7.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.294+/-21.320 χ^2/NDF : 15.5/11

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.223+/-0.020 χ^2/NDF : 3250684.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.642+/-0.023 χ^2/NDF : 3529914.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

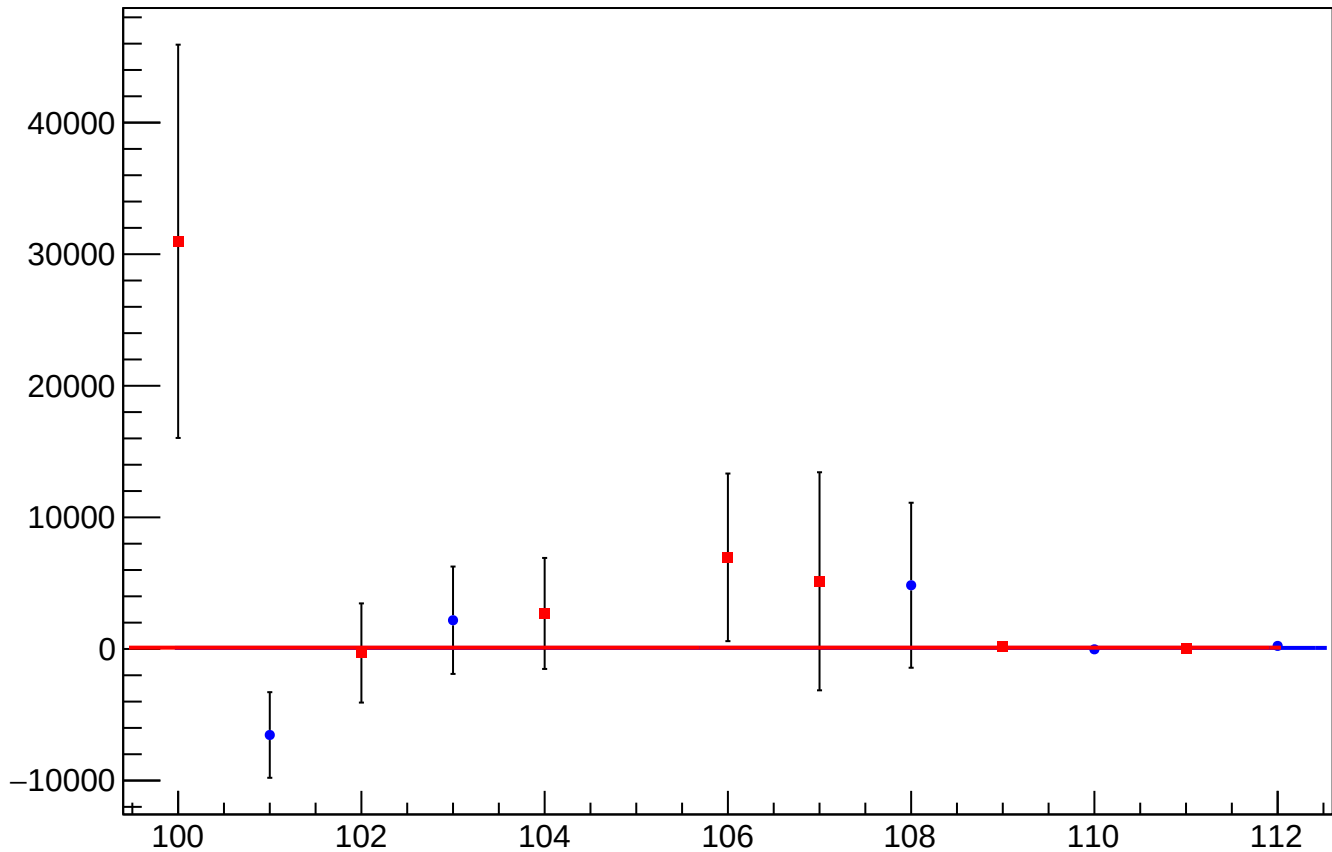
Right: 27.409+/-0.015 χ^2/NDF : 6780789.5/11

In: 27.223+/-0.020 χ^2/NDF : 3250684.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.409+/-0.015 χ^2/NDF : 6780789.5/11

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 79.770+/-144.509 χ^2/NDF : 5.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.047+/-143.832 χ^2/NDF : 6.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

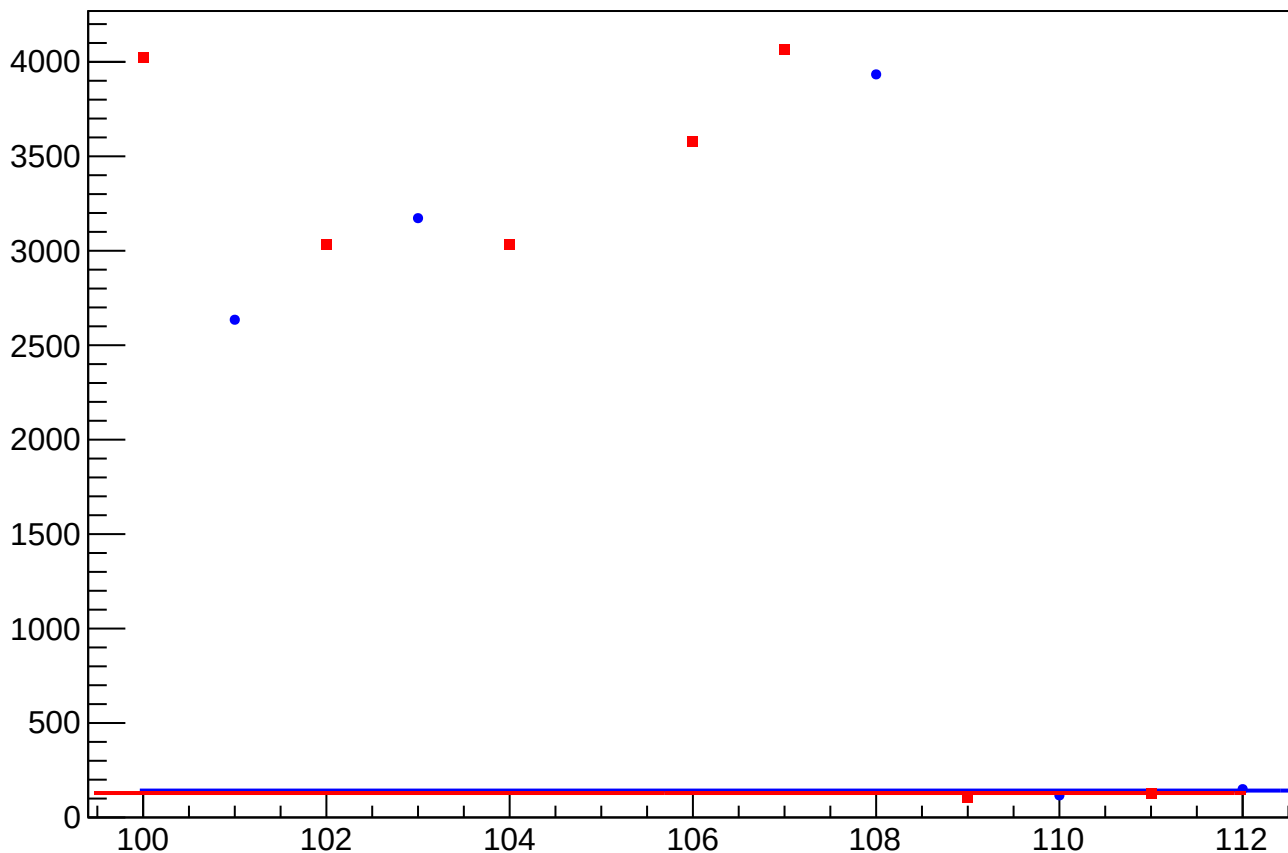
Right: 89.956+/-101.943 χ^2/NDF : 12.3/11

In: 79.770+/-144.509 χ^2/NDF : 5.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.956+/-101.943 χ^2/NDF : 12.3/11

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 142.301+/-0.102 χ^2/NDF : 3045820.9/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 129.387+/-0.102 χ^2/NDF : 3334929.0/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

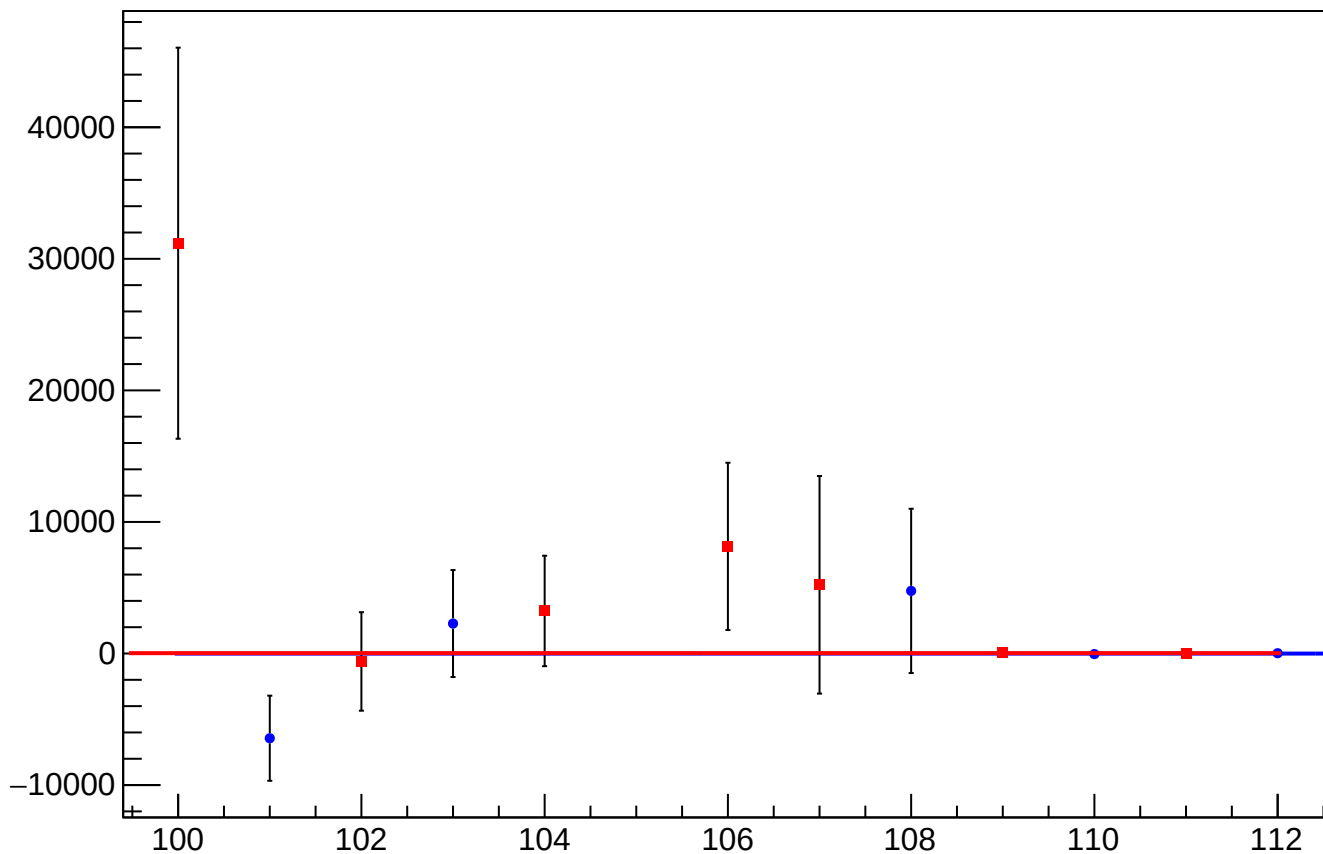
Right: 135.814+/-0.072 χ^2/NDF : 6388773.3/11

In: 142.301+/-0.102 χ^2/NDF :3045820.9/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 135.814+/-0.072 χ^2/NDF : 6388773.3/11

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.797+/-28.659 χ^2/NDF : 6.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.922+/-31.964 χ^2/NDF : 7.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

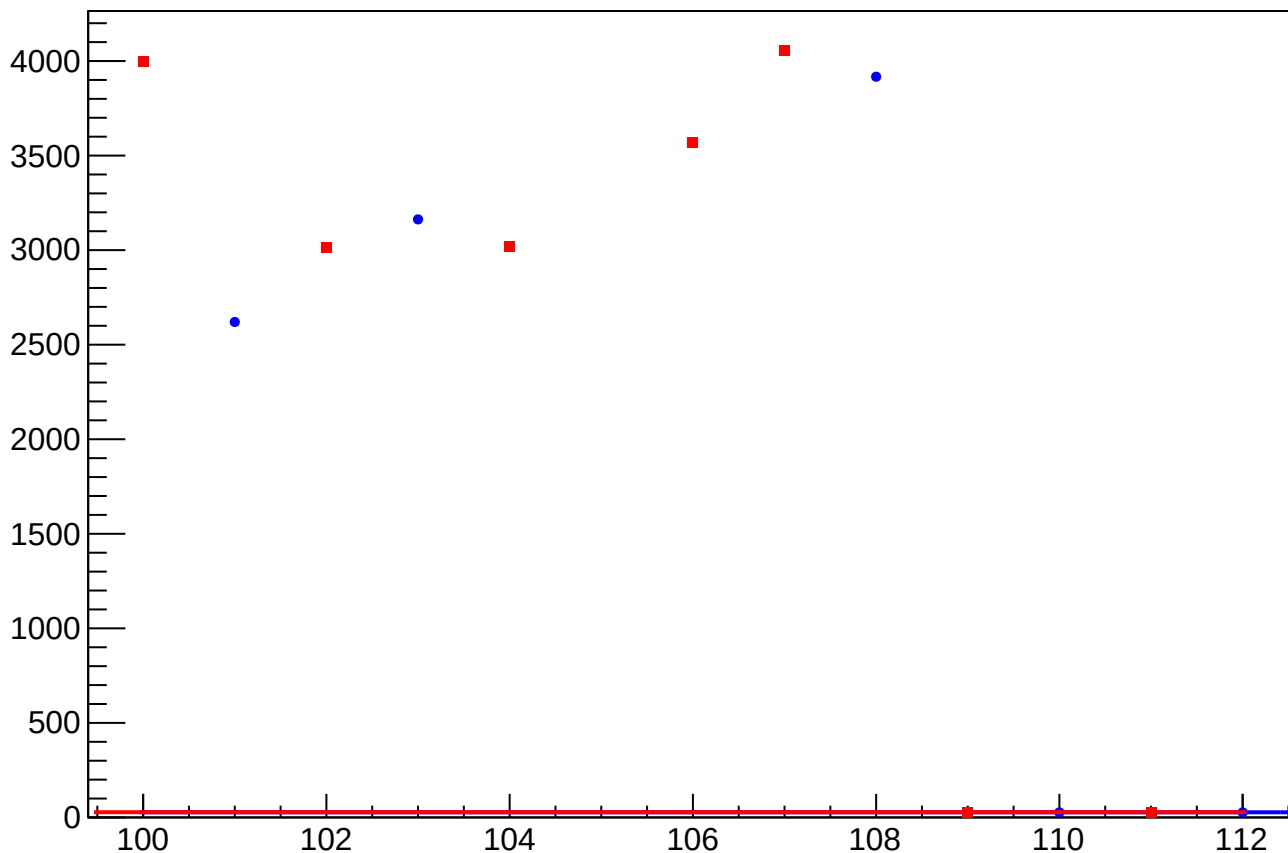
Right: 9.339+/-21.338 χ^2/NDF : 14.3/11

In: -4.797+/-28.659 χ^2/NDF : 6.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.339+/-21.338 χ^2/NDF : 14.3/11

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.255+/-0.020 χ^2/NDF : 3250623.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.654+/-0.023 χ^2/NDF : 3529894.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

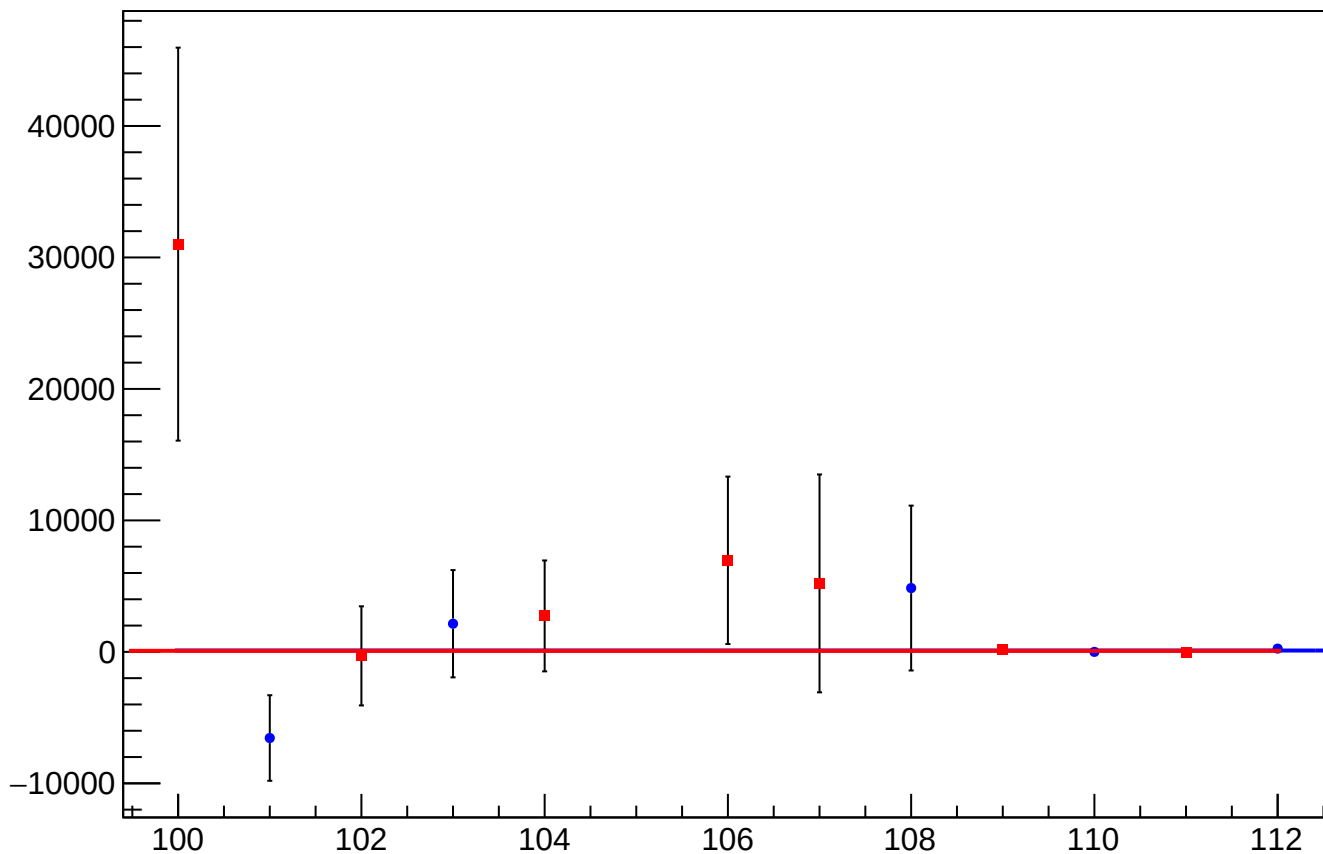
Right: 27.433+/-0.015 χ^2/NDF : 6780691.0/11

In: 27.255+/-0.020 χ^2/NDF : 3250623.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.433+/-0.015 χ^2/NDF : 6780691.0/11

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 102.562+/-147.689 χ^2/NDF : 5.7/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 78.771+/-147.328 χ^2/NDF : 7.0/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

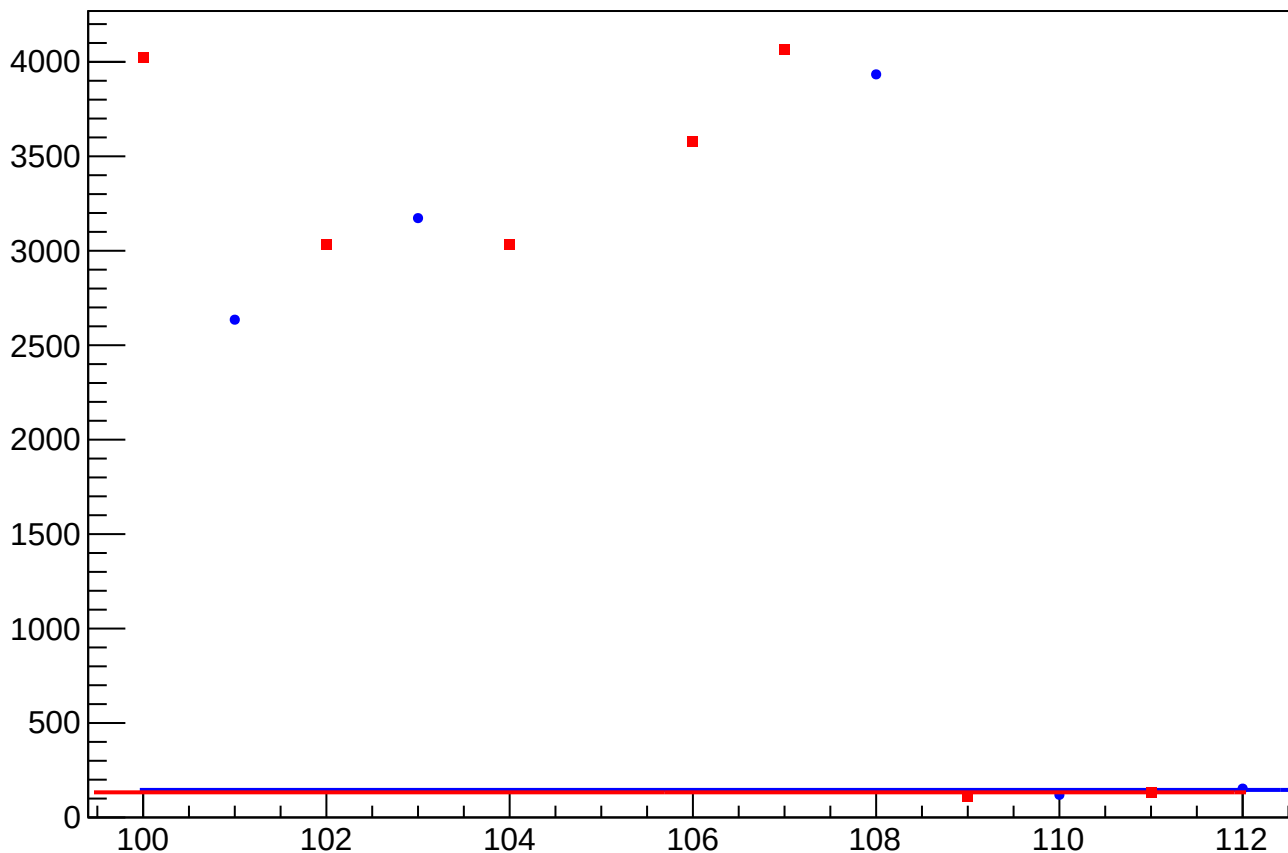
Right: 90.637+/-104.304 χ^2/NDF : 12.7/11

In: 102.562+/-147.689 χ^2/NDF :5.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 90.637+/-104.304 χ^2/NDF : 12.7/11

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 145.792 $\pm$ 0.104 χ^2 /NDF: 3037727.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 132.983 $\pm$ 0.104 χ^2 /NDF: 3326918.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

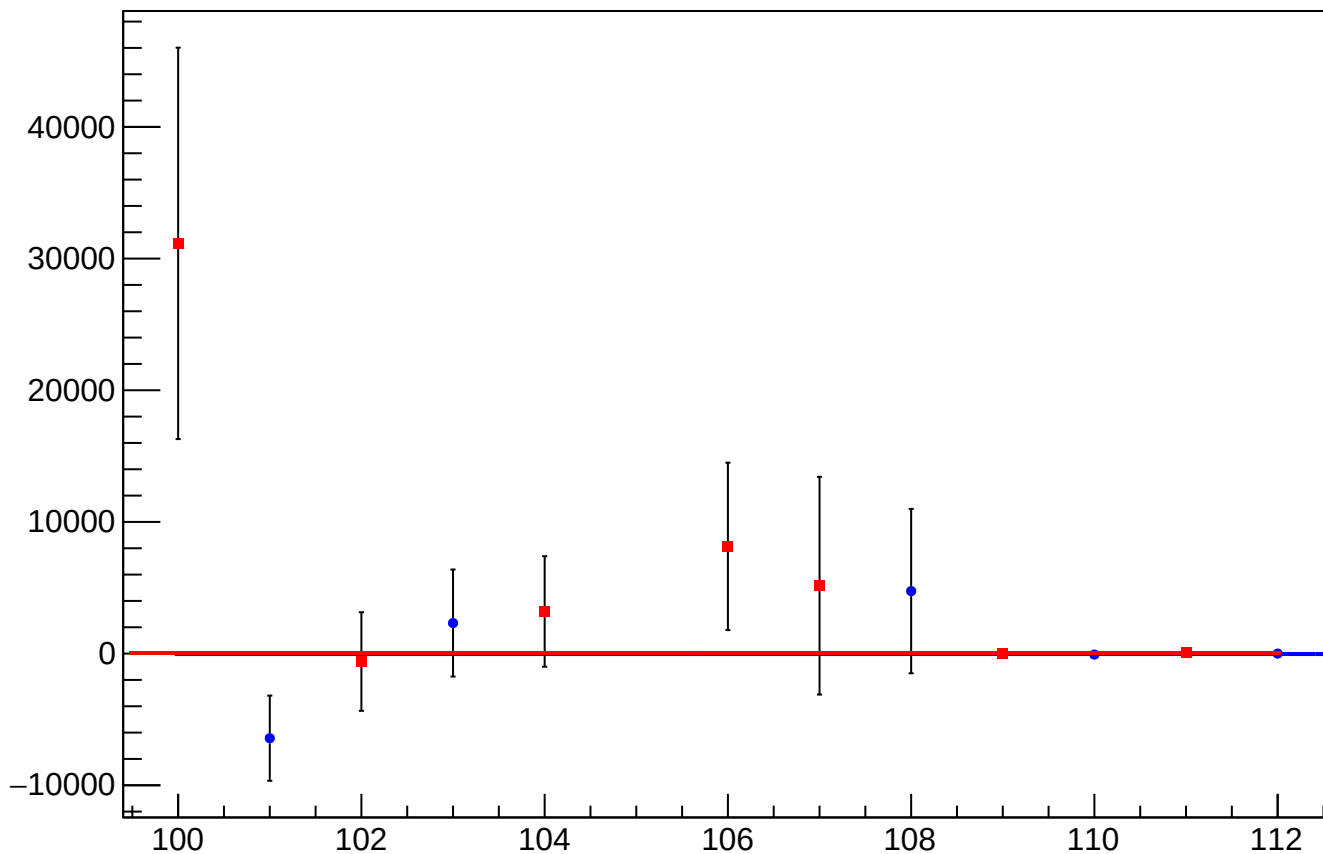
Right: 139.372 $\pm$ 0.074 χ^2 /NDF: 6372186.9/11

In: 145.792 $\pm$ 0.104 χ^2 /NDF:3037727.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 139.372 $\pm$ 0.074 χ^2 /NDF: 6372186.9/11

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -31.717 $\pm$ 35.755 χ^2 /NDF: 6.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 45.573 $\pm$ 39.687 χ^2 /NDF: 7.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

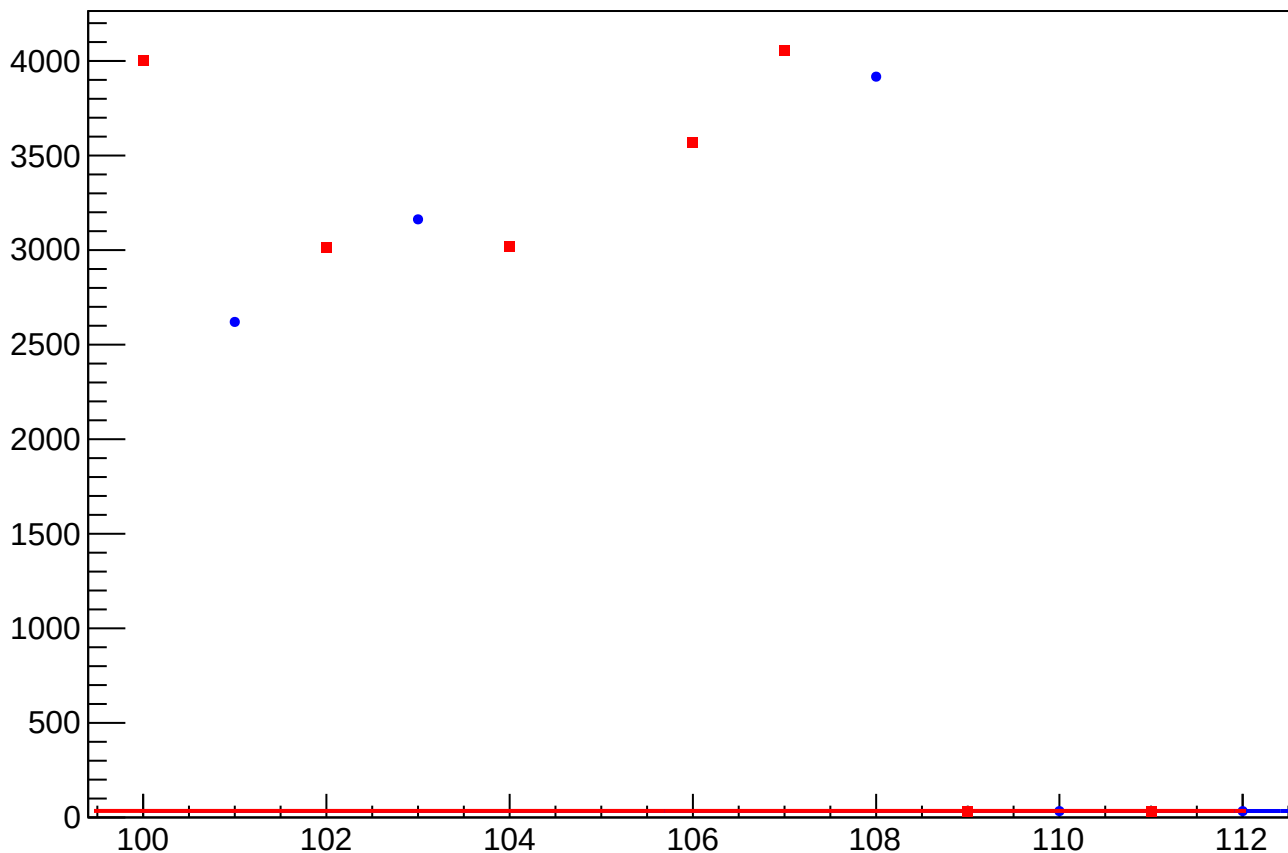
Right: 2.911 $\pm$ 26.564 χ^2 /NDF: 15.0/11

In: -31.717 $\pm$ 35.755 χ^2 /NDF:6.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.911 $\pm$ 26.564 χ^2 /NDF: 15.0/11

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 34.155+/-0.025 χ^2/NDF : 3236070.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.534+/-0.028 χ^2/NDF : 3515141.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

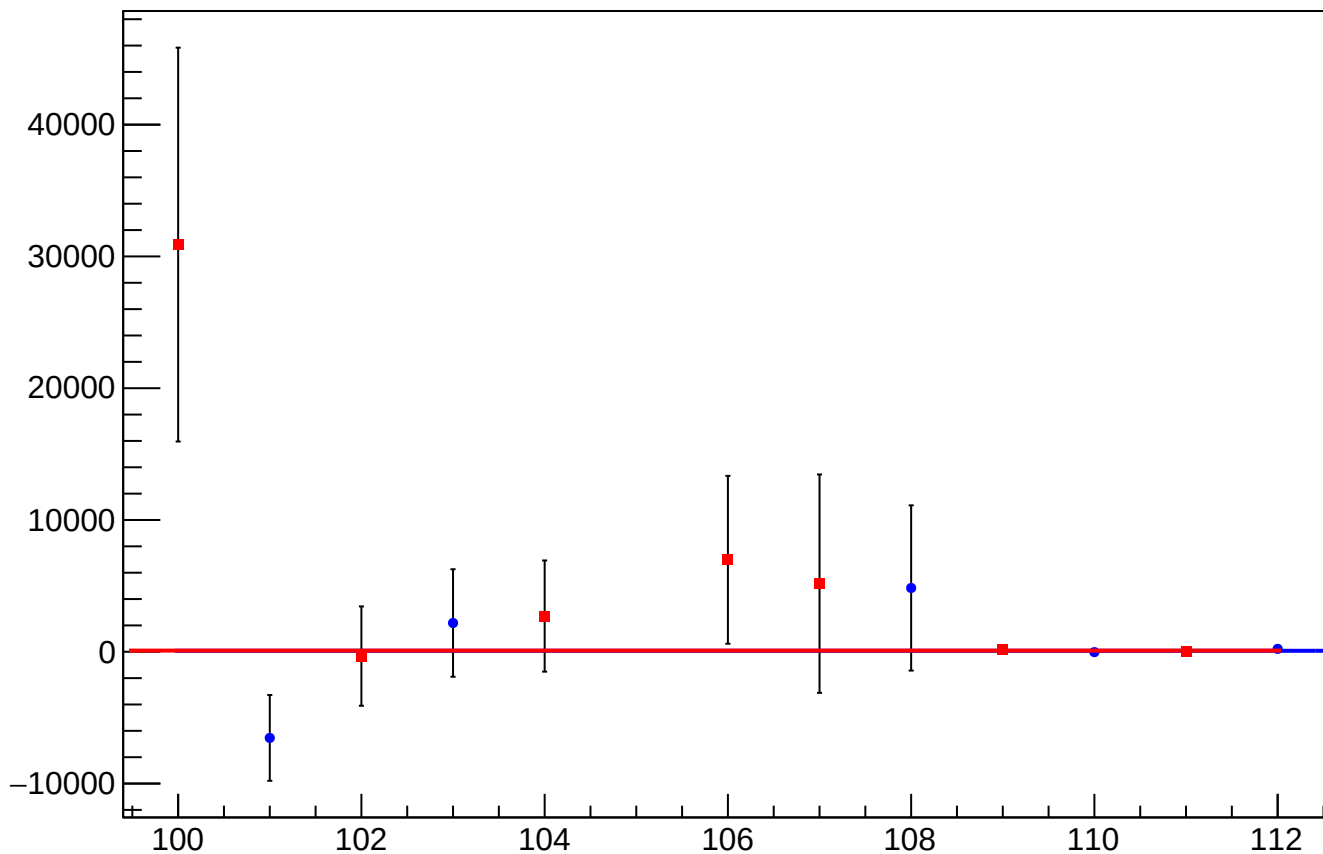
Right: 34.324+/-0.019 χ^2/NDF : 6751312.9/11

In: 34.155+/-0.025 χ^2/NDF : 3236070.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.324+/-0.019 χ^2/NDF : 6751312.9/11

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 74.662 $\pm$ 145.607 χ^2 /NDF: 5.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 89.174 $\pm$ 145.254 χ^2 /NDF: 6.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

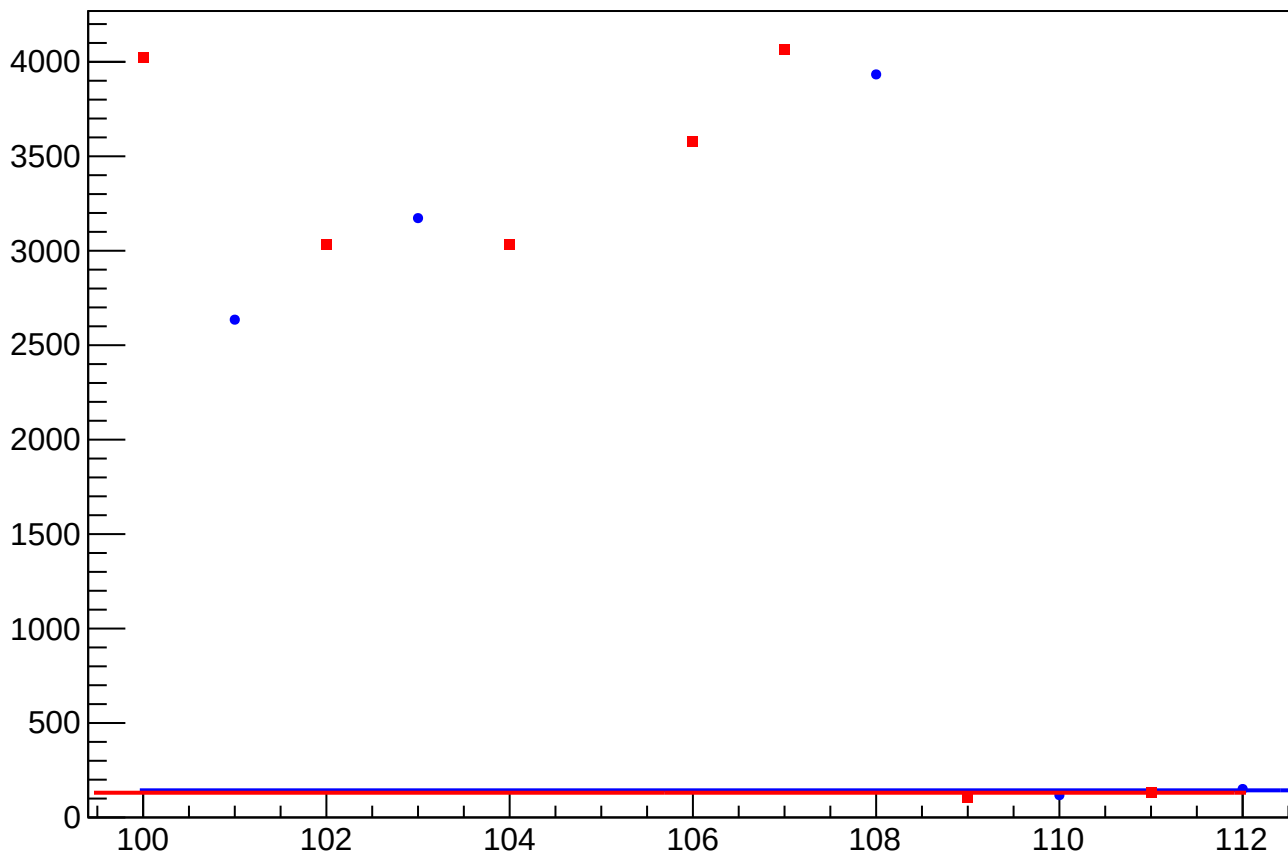
Right: 81.935 $\pm$ 102.835 χ^2 /NDF: 12.3/11

In: 74.662 $\pm$ 145.607 χ^2 /NDF: 5.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 81.935 $\pm$ 102.835 χ^2 /NDF: 12.3/11

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 143.550+/-0.103 χ^2/NDF : 3042252.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.899+/-0.103 χ^2/NDF : 3331330.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

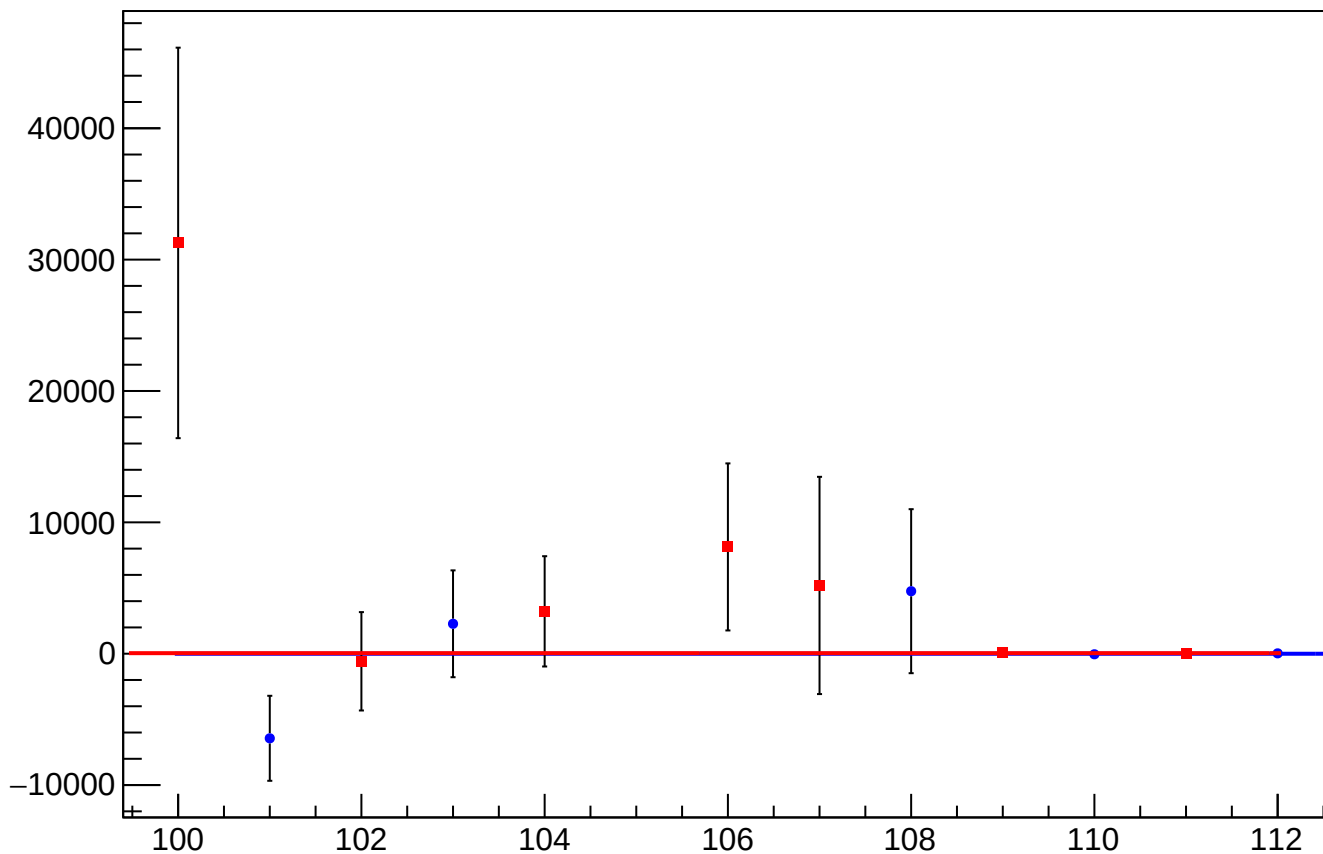
Right: 137.209+/-0.073 χ^2/NDF : 6381149.6/11

In: 143.550+/-0.103 χ^2/NDF : 3042252.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.209+/-0.073 χ^2/NDF : 6381149.6/11

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -3.455+/-33.542 χ^2/NDF : 6.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.232+/-37.177 χ^2/NDF : 7.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

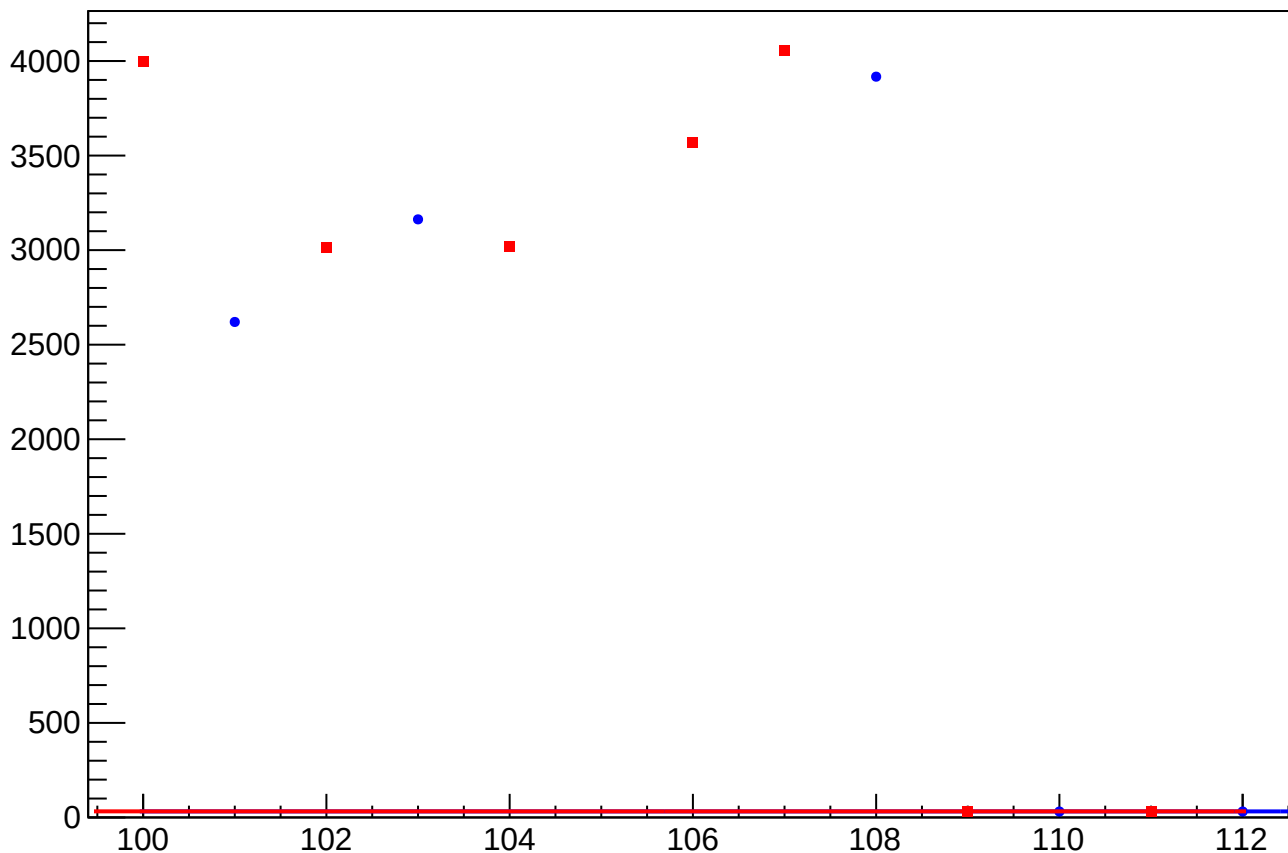
Right: 16.598+/-24.904 χ^2/NDF : 14.2/11

In: -3.455+/-33.542 χ^2/NDF : 6.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.598+/-24.904 χ^2/NDF : 14.2/11

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 32.003+/-0.024 χ^2/NDF : 3240601.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.292+/-0.026 χ^2/NDF : 3520009.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

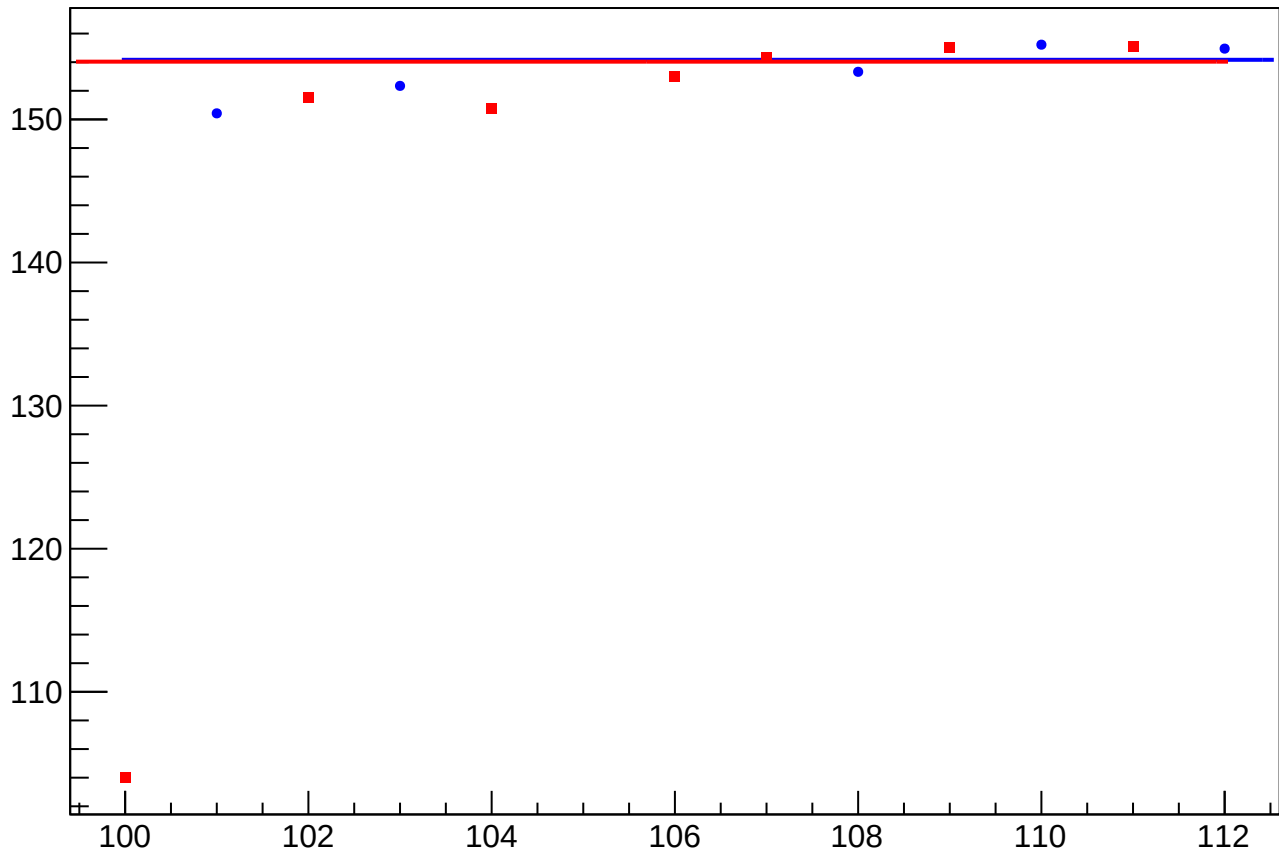
Right: 32.133+/-0.018 χ^2/NDF : 6760676.4/11

In: 32.003+/-0.024 χ^2/NDF : 3240601.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.133+/-0.018 χ^2/NDF : 6760676.4/11

yield_bcm_target_mean vs Slug, Sign Corrected



Right In: 154.166+/-0.000 χ^2/NDF : 20937415.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.036+/-0.000 χ^2/NDF : 247080233.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

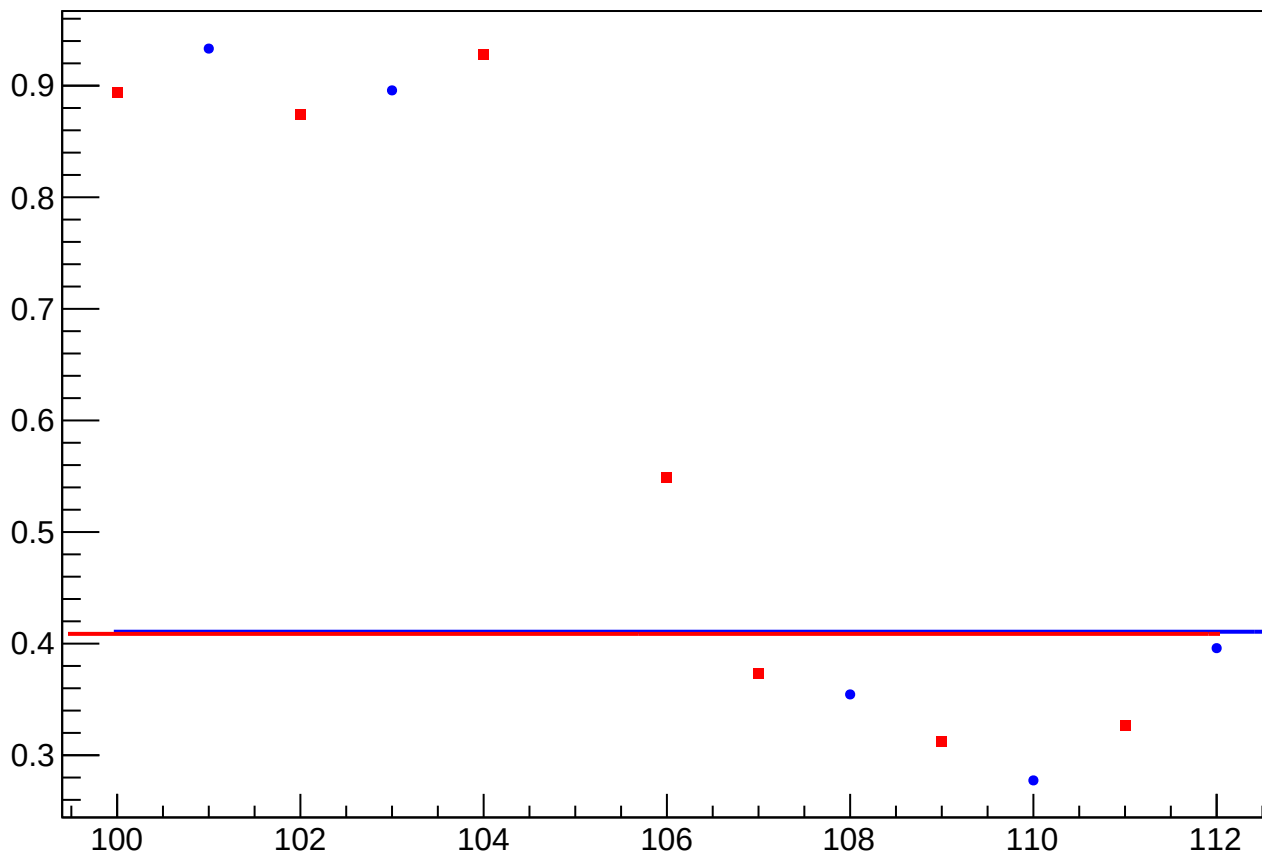
Right: 154.097+/-0.000 χ^2/NDF : 268119214.7/11

In: 154.166+/-0.000 χ^2/NDF : 20937415.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.097+/-0.000 χ^2/NDF : 268119214.7/11

yield_bcm_target_rms vs Slug, Sign Corrected



Right In: 0.411+/-0.000 χ^2/NDF : 904777.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.409+/-0.000 χ^2/NDF : 899097.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

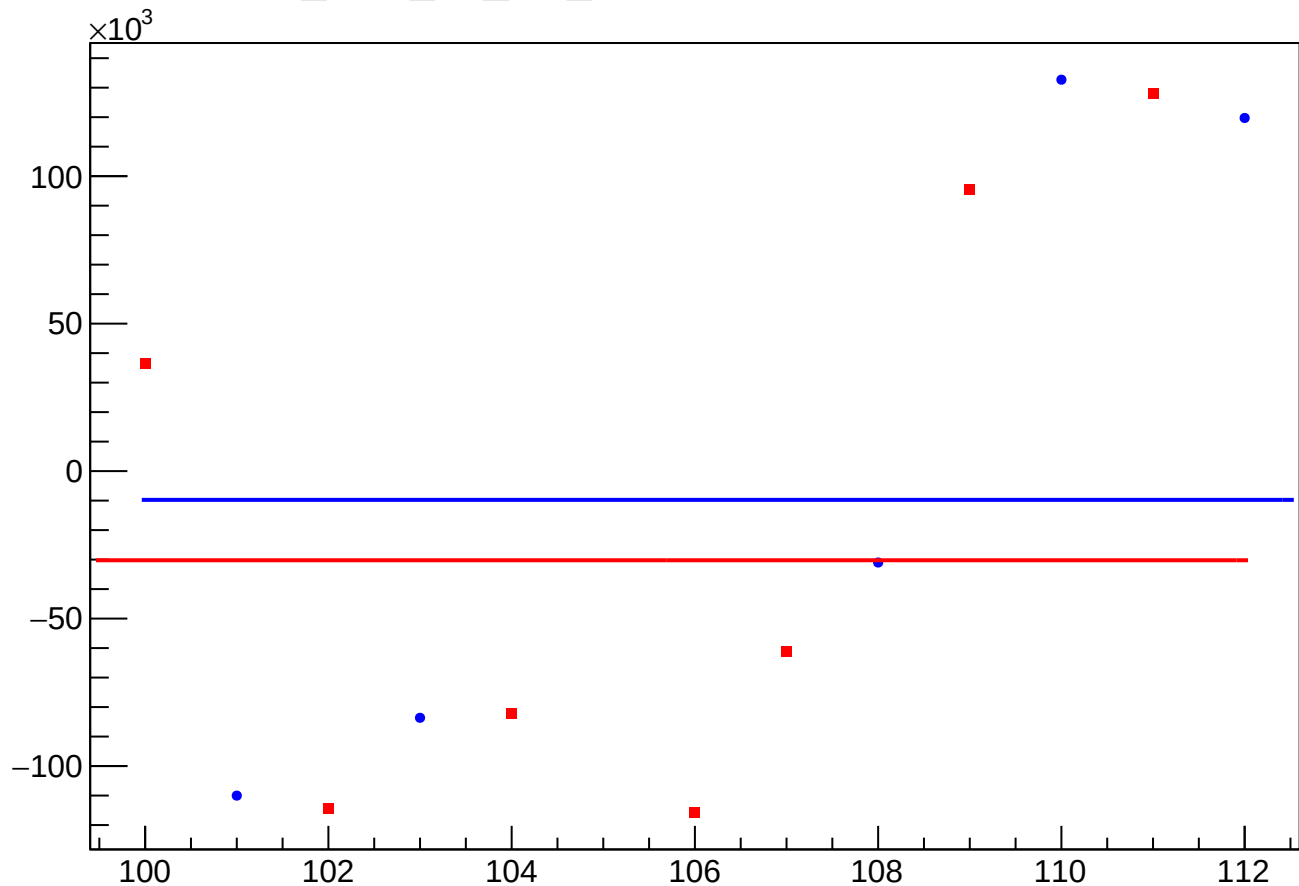
Right: 0.410+/-0.000 χ^2/NDF : 1803920.1/11

In: 0.411+/-0.000 χ^2/NDF : 904777.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.410+/-0.000 χ^2/NDF : 1803920.1/11

yield_bcm_an_diff_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: -21310.220+/-2.330 χ^2 /NDF: 1872921657.5/

In: -9746.486+/-3.531 χ^2 /NDF: 836115646.9/4

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: -9746.486+/-3.531 χ^2 /NDF: 836115646.9/4

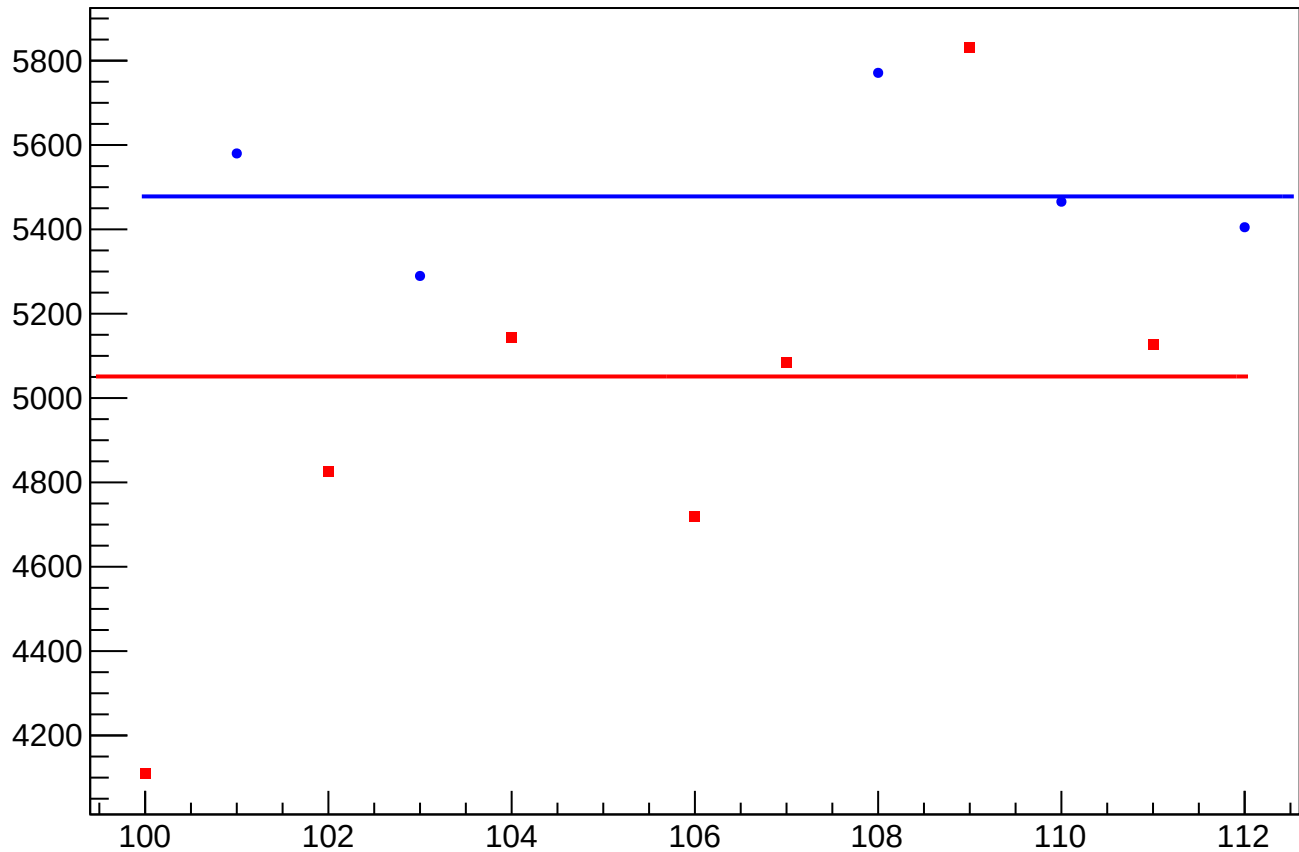
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -30226.682+/-3.100 χ^2 /NDF: 1017809479.7/6

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -21310.220+/-2.330 χ^2 /NDF: 187292165

yield_bcm_an_diff_rms vs Slug, Sign Corrected



Right In: 5478.099+/-2.497 χ^2/NDF : 3958.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5051.140+/-2.192 χ^2/NDF : 31914.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

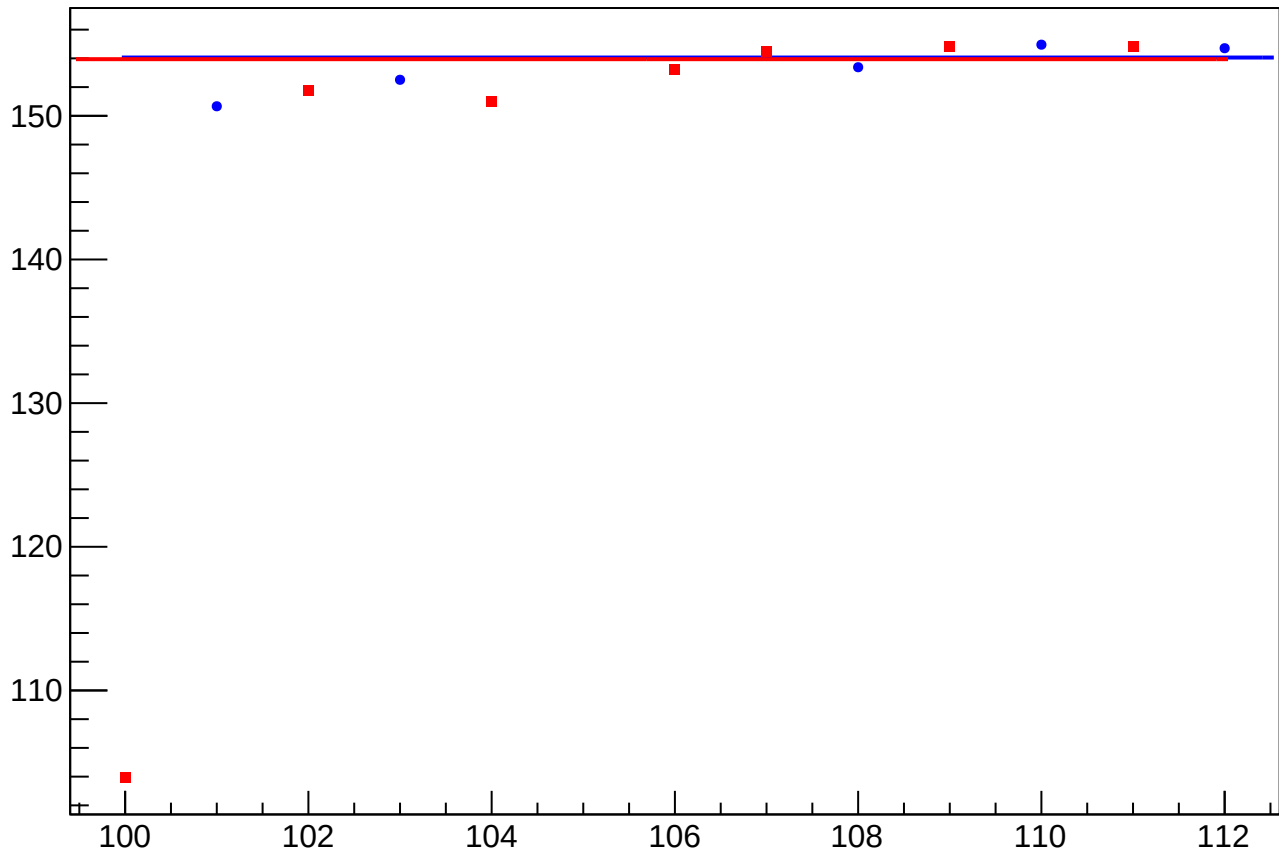
Right: 5237.025+/-1.647 χ^2/NDF : 52385.3/11

In: 5478.099+/-2.497 χ^2/NDF : 3958.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5237.025+/-1.647 χ^2/NDF : 52385.3/11

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 154.058+/-0.000 χ^2/NDF : 16160822.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.944+/-0.000 χ^2/NDF : 243015533.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

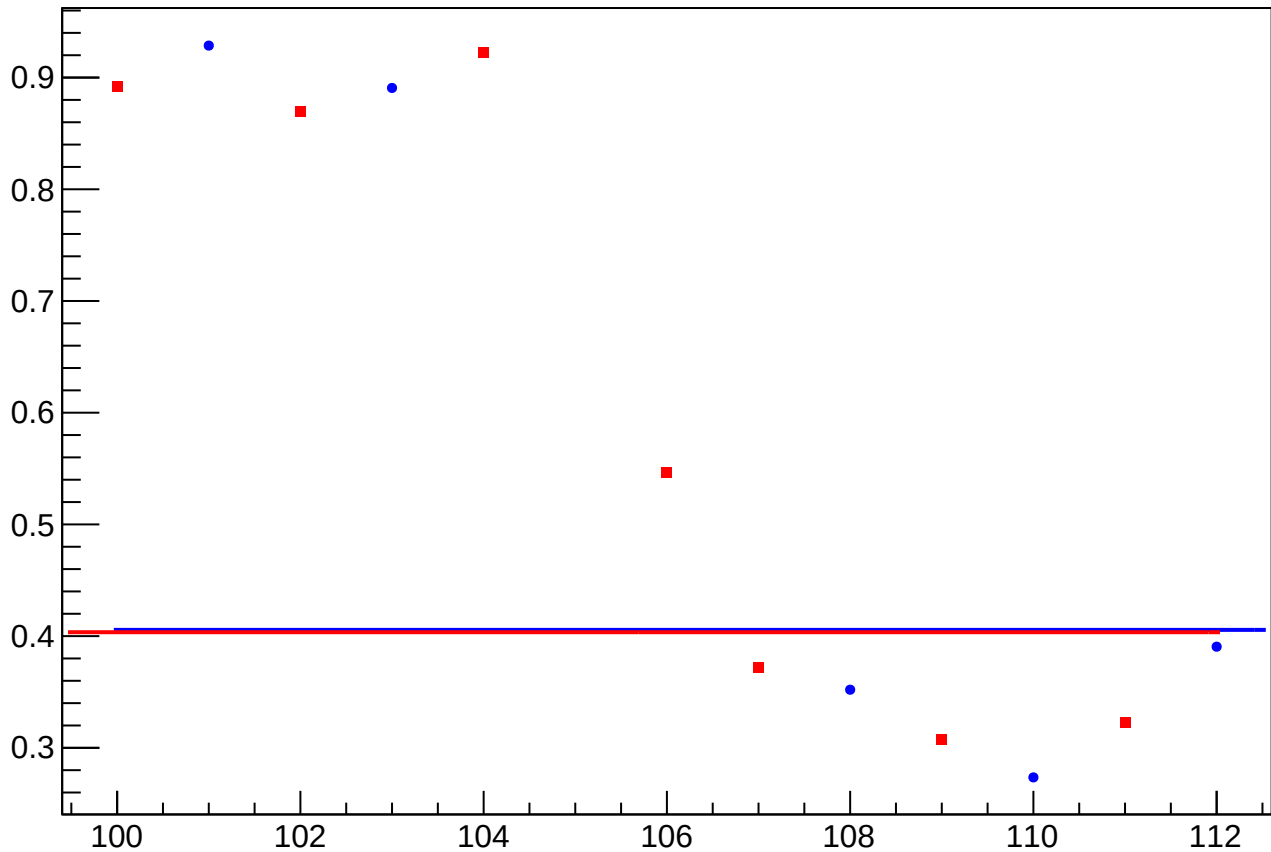
Right: 153.997+/-0.000 χ^2/NDF : 259256667.0/11

In: 154.058+/-0.000 χ^2/NDF : 16160822.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.997+/-0.000 χ^2/NDF : 259256667.0/11

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.406+/-0.000 χ^2/NDF : 913859.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.403+/-0.000 χ^2/NDF : 911333.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

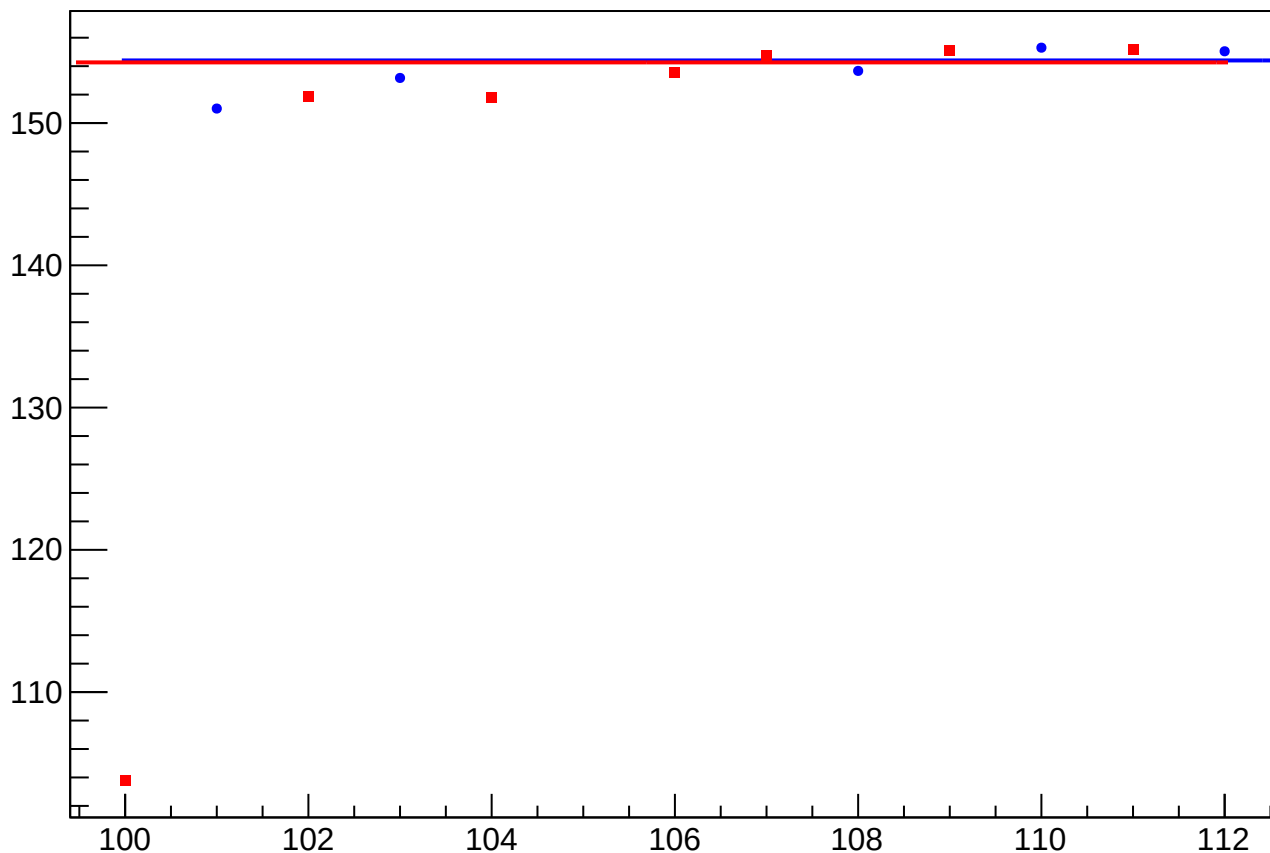
Right: 0.404+/-0.000 χ^2/NDF : 1825246.6/11

In: 0.406+/-0.000 χ^2/NDF : 913859.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.404+/-0.000 χ^2/NDF : 1825246.6/11

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 154.402+/-0.000 χ^2/NDF : 15357899.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.265+/-0.000 χ^2/NDF : 242689995.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

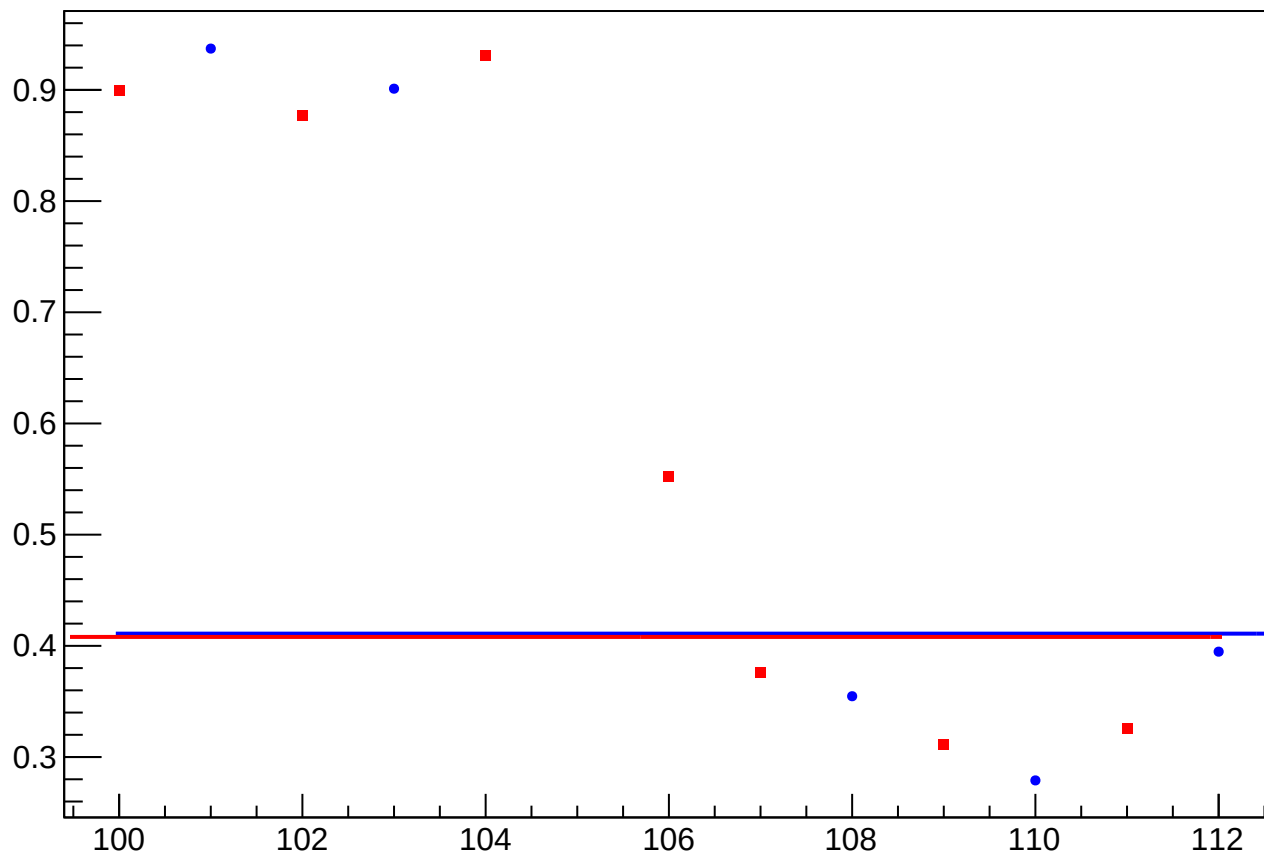
Right: 154.329+/-0.000 χ^2/NDF : 258161969.3/11

In: 154.402+/-0.000 χ^2/NDF : 15357899.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.329+/-0.000 χ^2/NDF : 258161969.3/11

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.411+/-0.000 χ^2/NDF : 907322.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.408+/-0.000 χ^2/NDF : 908403.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

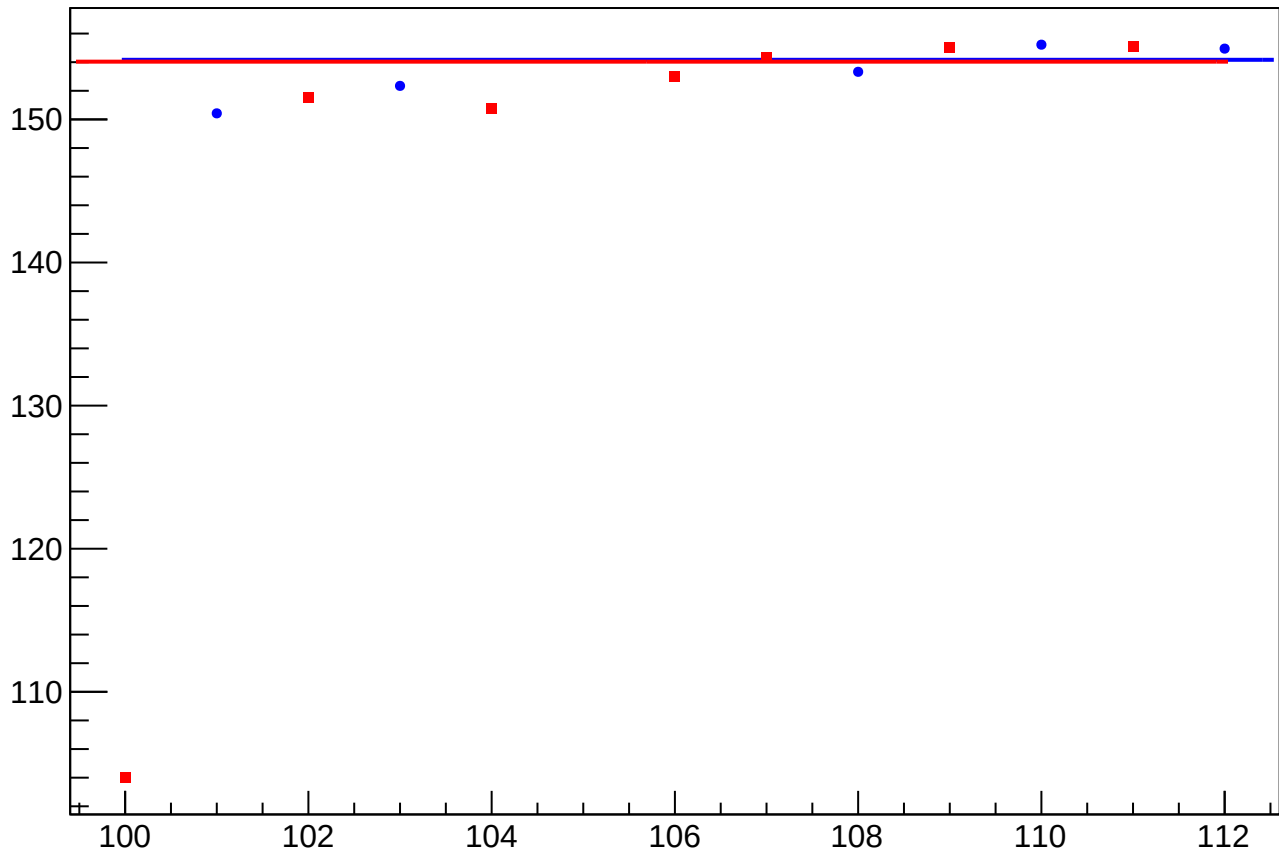
Right: 0.409+/-0.000 χ^2/NDF : 1815831.3/11

In: 0.411+/-0.000 χ^2/NDF : 907322.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.409+/-0.000 χ^2/NDF : 1815831.3/11

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 154.166+/-0.000 χ^2/NDF : 20937415.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.036+/-0.000 χ^2/NDF : 247080233.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

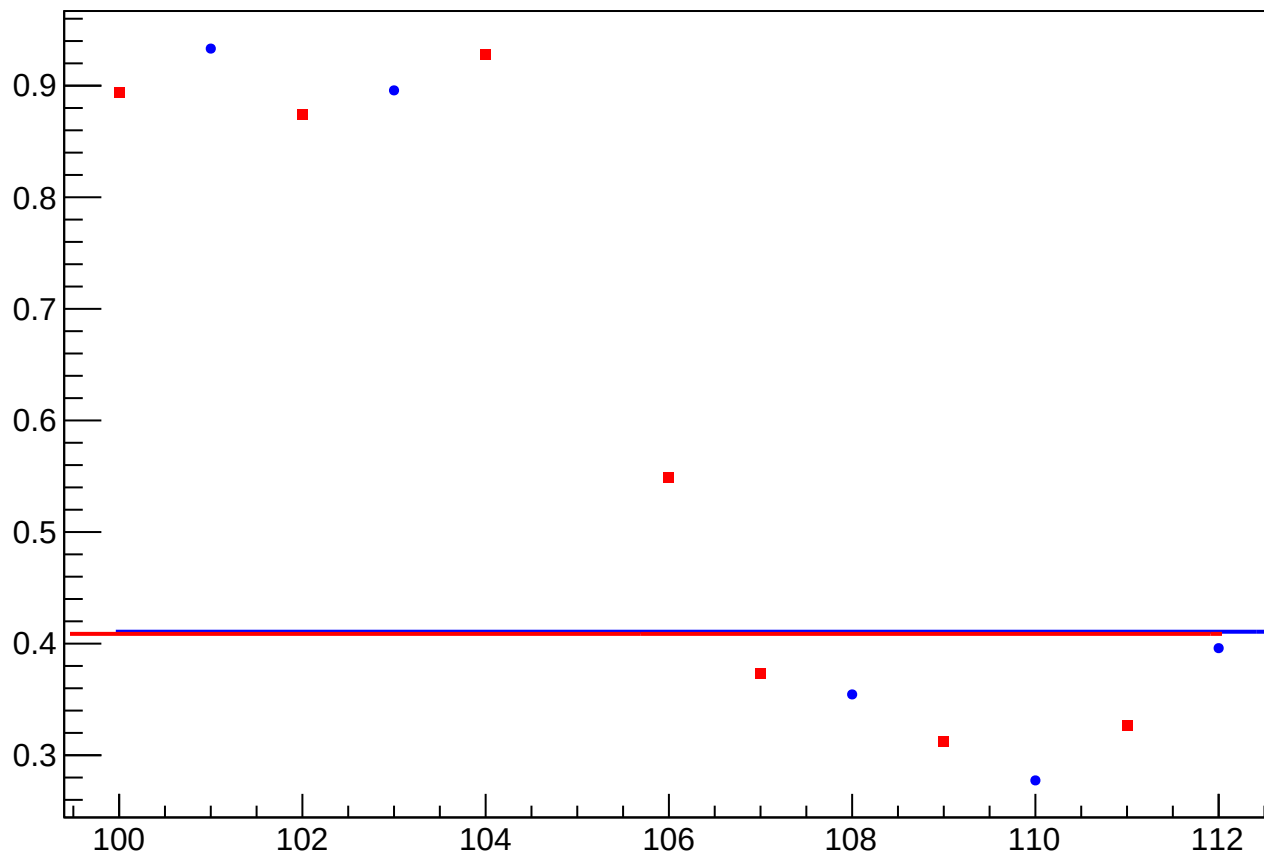
Right: 154.097+/-0.000 χ^2/NDF : 268119214.7/11

In: 154.166+/-0.000 χ^2/NDF : 20937415.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.097+/-0.000 χ^2/NDF : 268119214.7/11

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.411+/-0.000 χ^2/NDF : 904777.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.409+/-0.000 χ^2/NDF : 899097.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

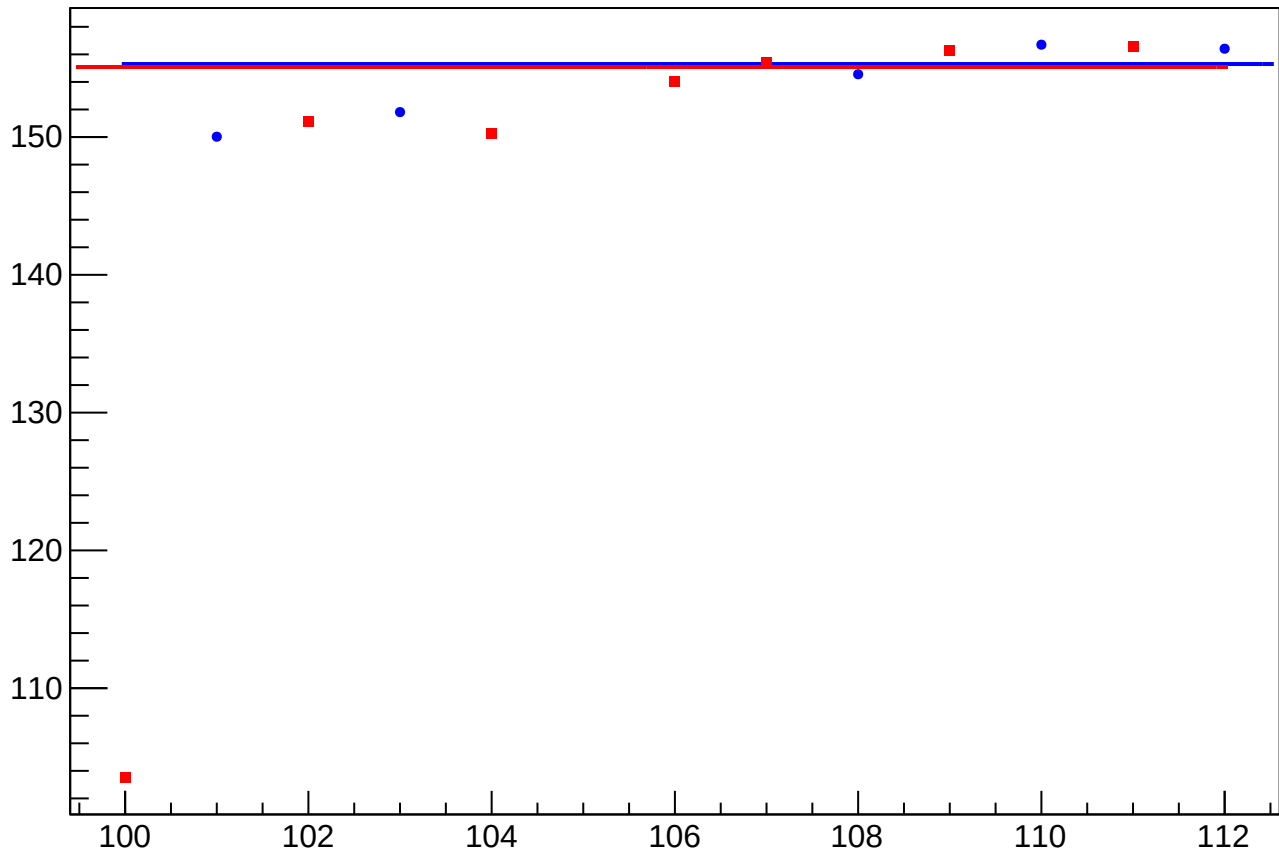
Right: 0.410+/-0.000 χ^2/NDF : 1803920.1/11

In: 0.411+/-0.000 χ^2/NDF : 904777.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.410+/-0.000 χ^2/NDF : 1803920.1/11

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 155.301+/-0.000 χ^2/NDF : 41419564.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.083+/-0.000 χ^2/NDF : 279251815.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

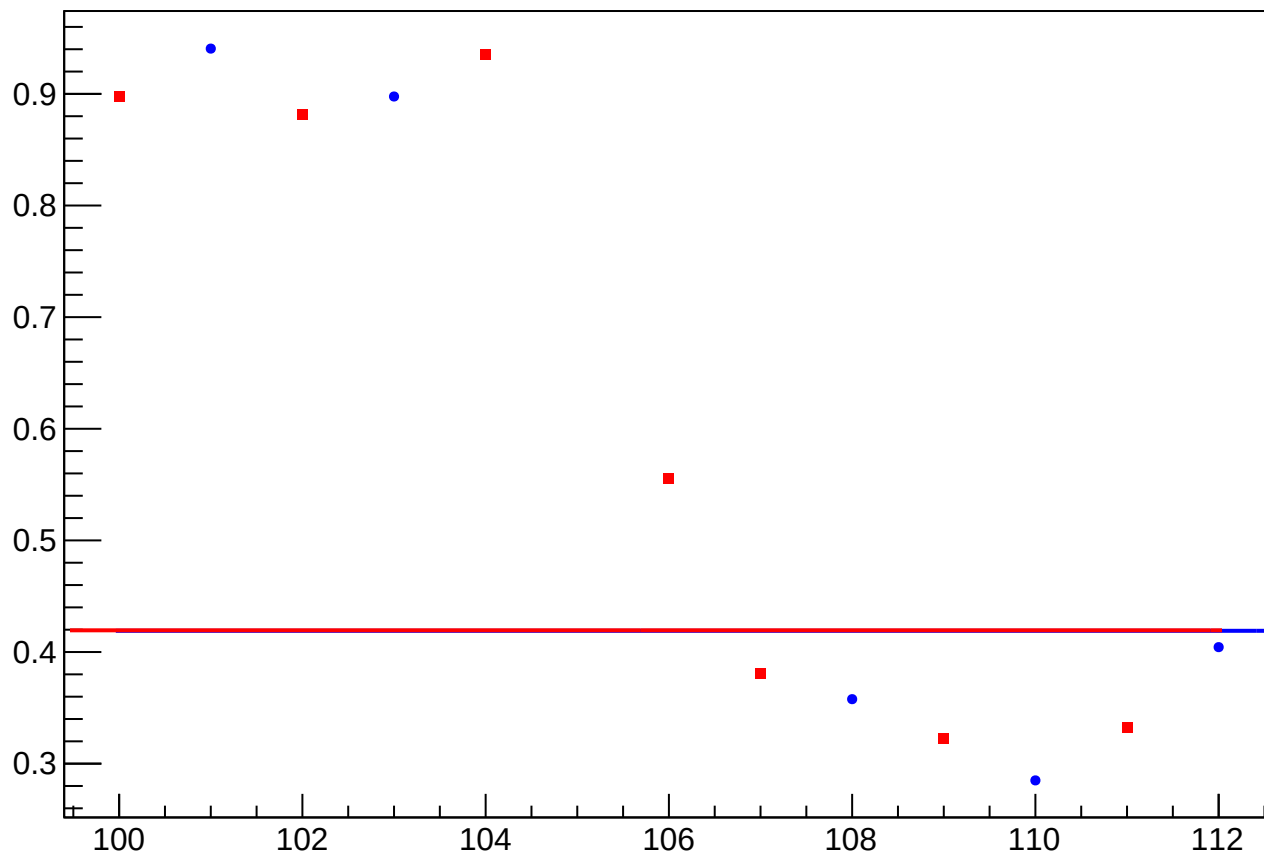
Right: 155.185+/-0.000 χ^2/NDF : 320946332.3/11

In: 155.301+/-0.000 χ^2/NDF : 41419564.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.185+/-0.000 χ^2/NDF : 320946332.3/11

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.419+/-0.000 χ^2/NDF : 884524.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.419+/-0.000 χ^2/NDF : 873669.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

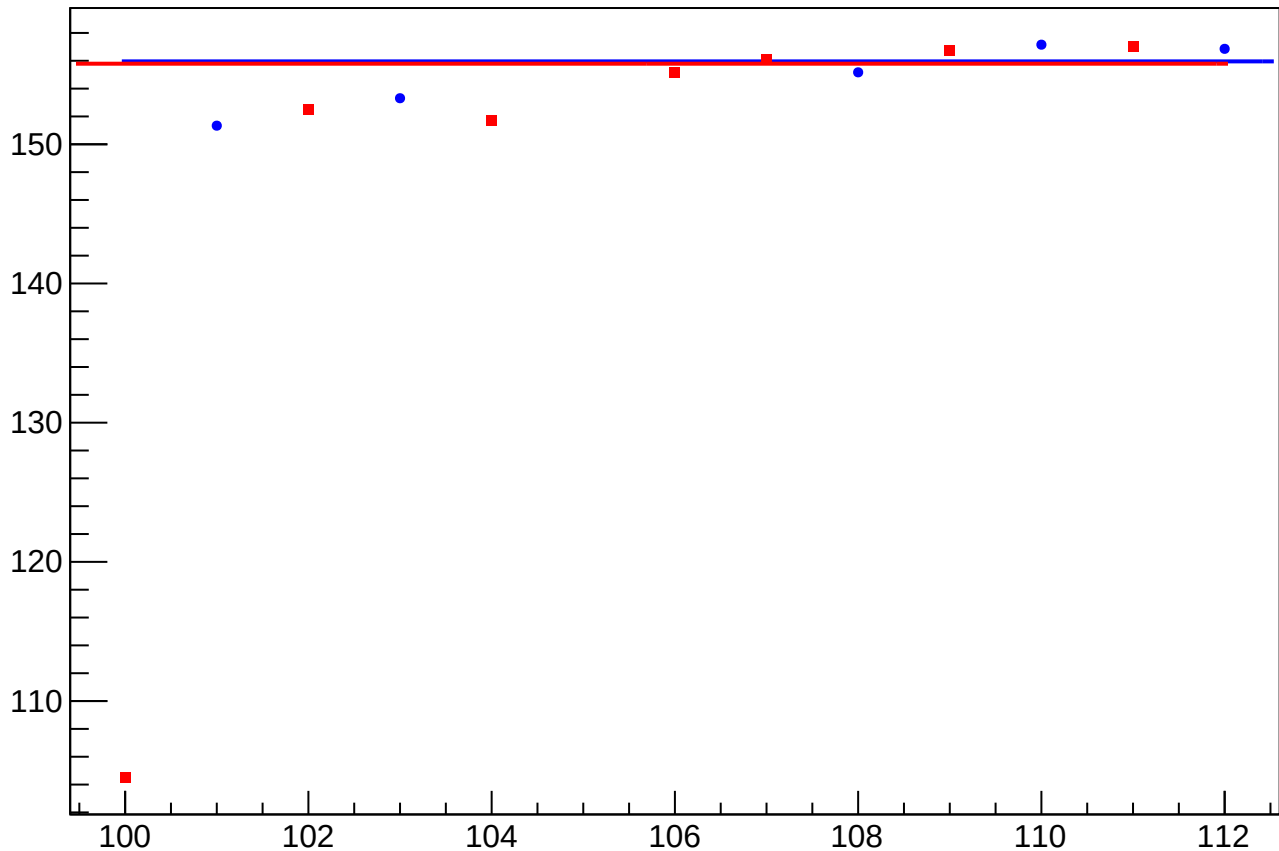
Right: 0.419+/-0.000 χ^2/NDF : 1758196.2/11

In: 0.419+/-0.000 χ^2/NDF : 884524.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.419+/-0.000 χ^2/NDF : 1758196.2/11

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 155.956+/-0.000 χ^2/NDF : 29696311.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.790+/-0.000 χ^2/NDF : 257880125.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

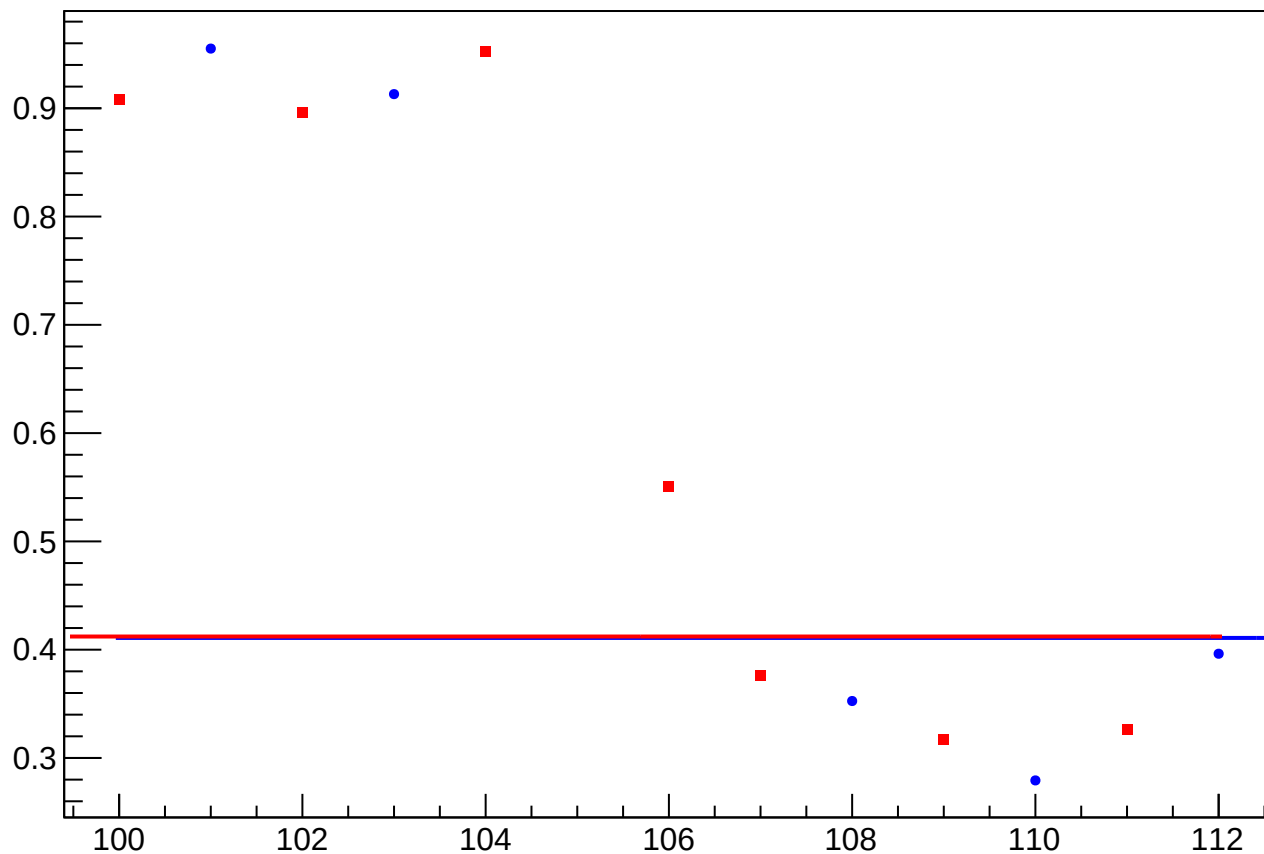
Right: 155.868+/-0.000 χ^2/NDF : 287741491.0/11

In: 155.956+/-0.000 χ^2/NDF : 29696311.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.868+/-0.000 χ^2/NDF : 287741491.0/11

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.411+/-0.000 χ^2/NDF : 926942.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.412+/-0.000 χ^2/NDF : 916587.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

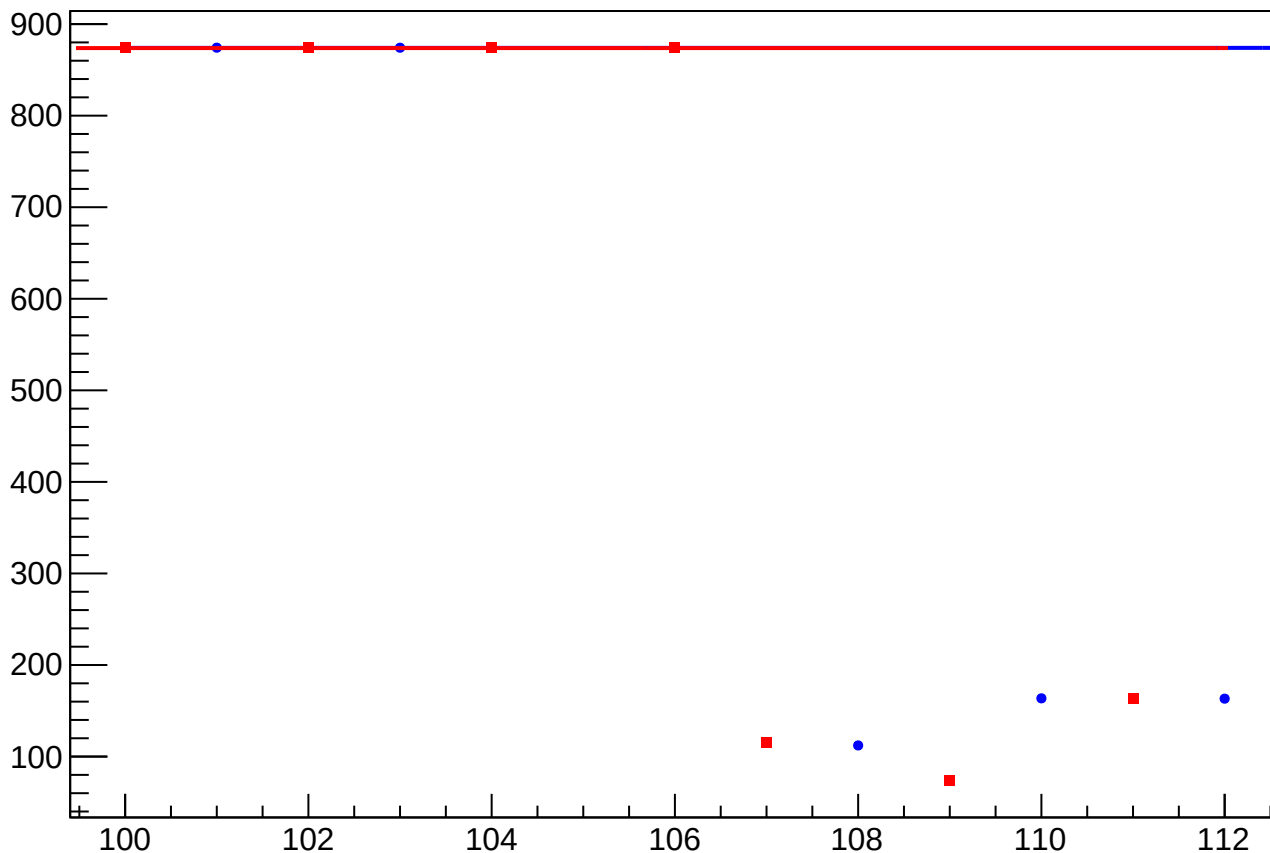
Right: 0.412+/-0.000 χ^2/NDF : 1843549.8/11

In: 0.411+/-0.000 χ^2/NDF : 926942.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

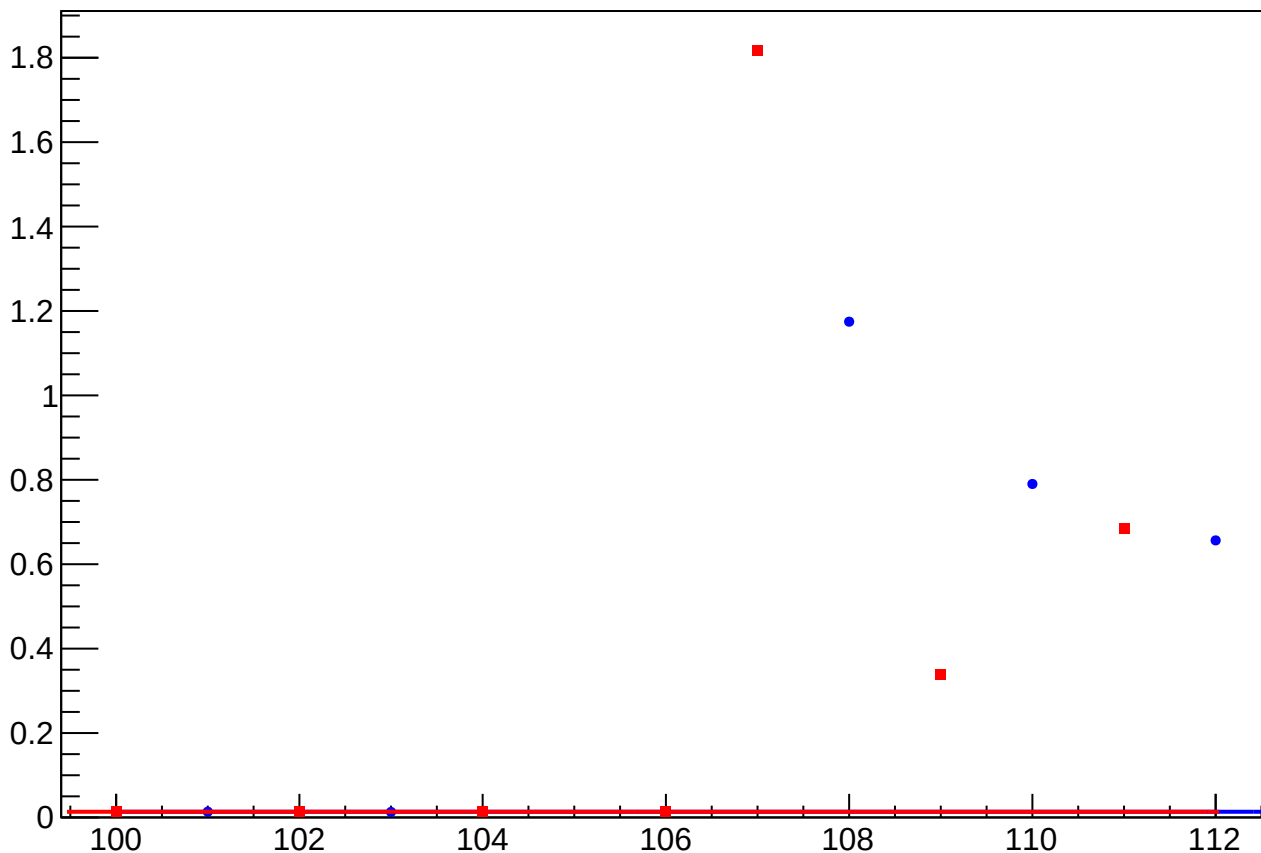
All: 0.412+/-0.000 χ^2/NDF : 1843549.8/11

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 874.039 $\pm$ 0.000 χ^2 /NDF: 951770102839.7/4
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Right Out: 873.801 $\pm$ 0.000 χ^2 /NDF: 2483397466210.5/6
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
All: 873.911 $\pm$ 0.000 χ^2 /NDF: 3435383404170.5/4
Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Right: 873.911 $\pm$ 0.000 χ^2 /NDF: 3435383404170.5/4
In: 874.039 $\pm$ 0.000 χ^2 /NDF: 951770102839.7/4
Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 2149846.3/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 1758787.5/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

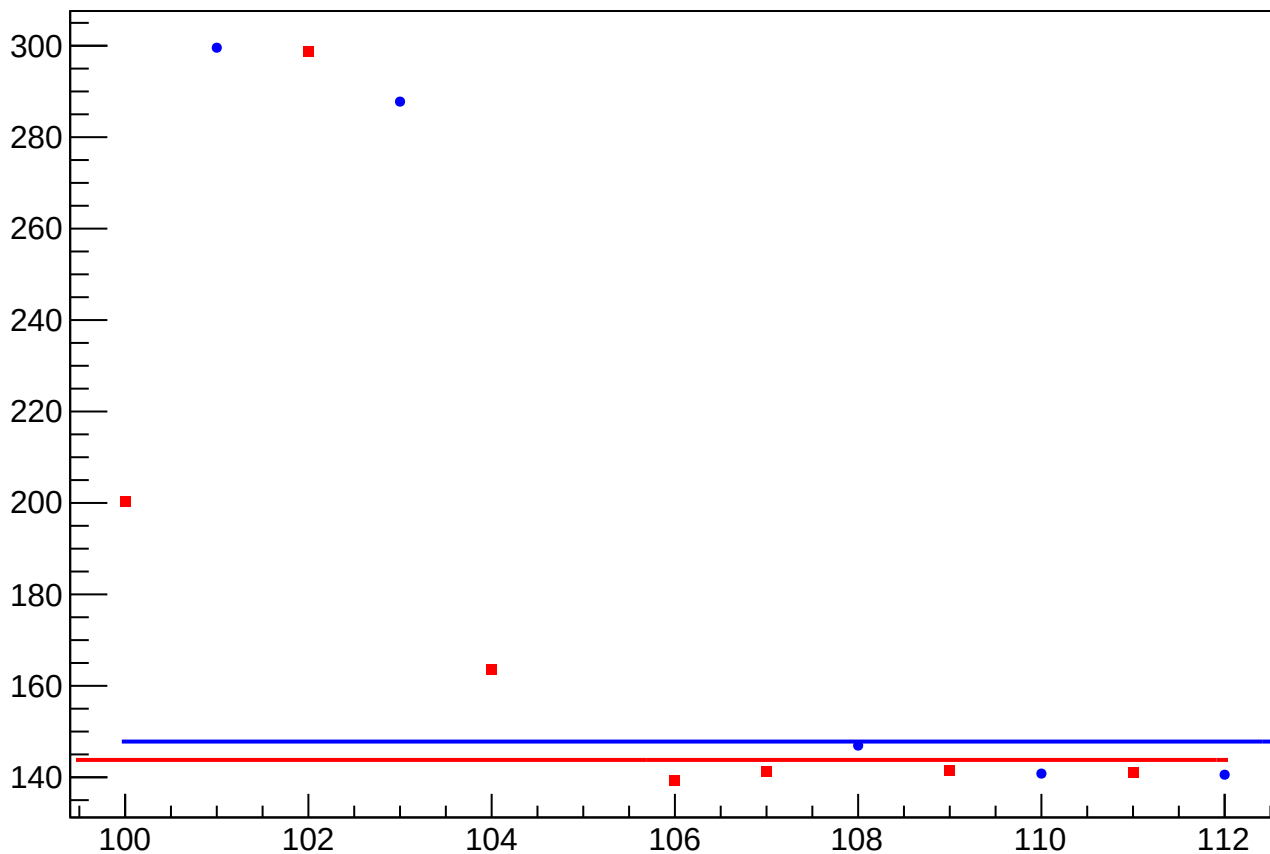
Right: 0.013+/-0.000 χ^2/NDF : 3908639.4/11

In: 0.014+/-0.000 χ^2/NDF :2149846.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.013+/-0.000 χ^2/NDF : 3908639.4/11

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 147.813+/-0.001 χ^2/NDF : 578702643.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 143.793+/-0.001 χ^2/NDF : 213416952.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

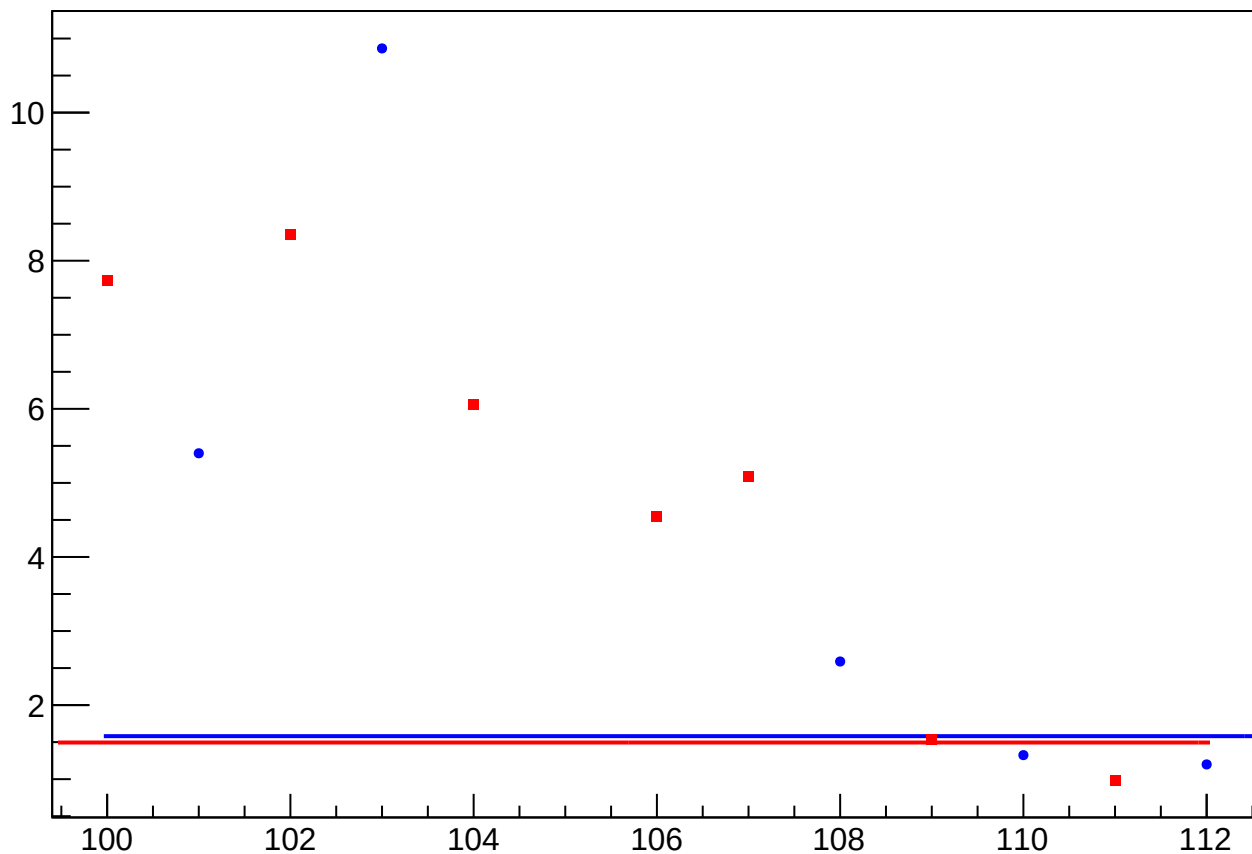
Right: 145.744+/-0.001 χ^2/NDF : 796966929.4/11

In: 147.813+/-0.001 χ^2/NDF : 578702643.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.744+/-0.001 χ^2/NDF : 796966929.4/11

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 1.581+/-0.001 χ^2/NDF : 1656161.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.495+/-0.001 χ^2/NDF : 2057358.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

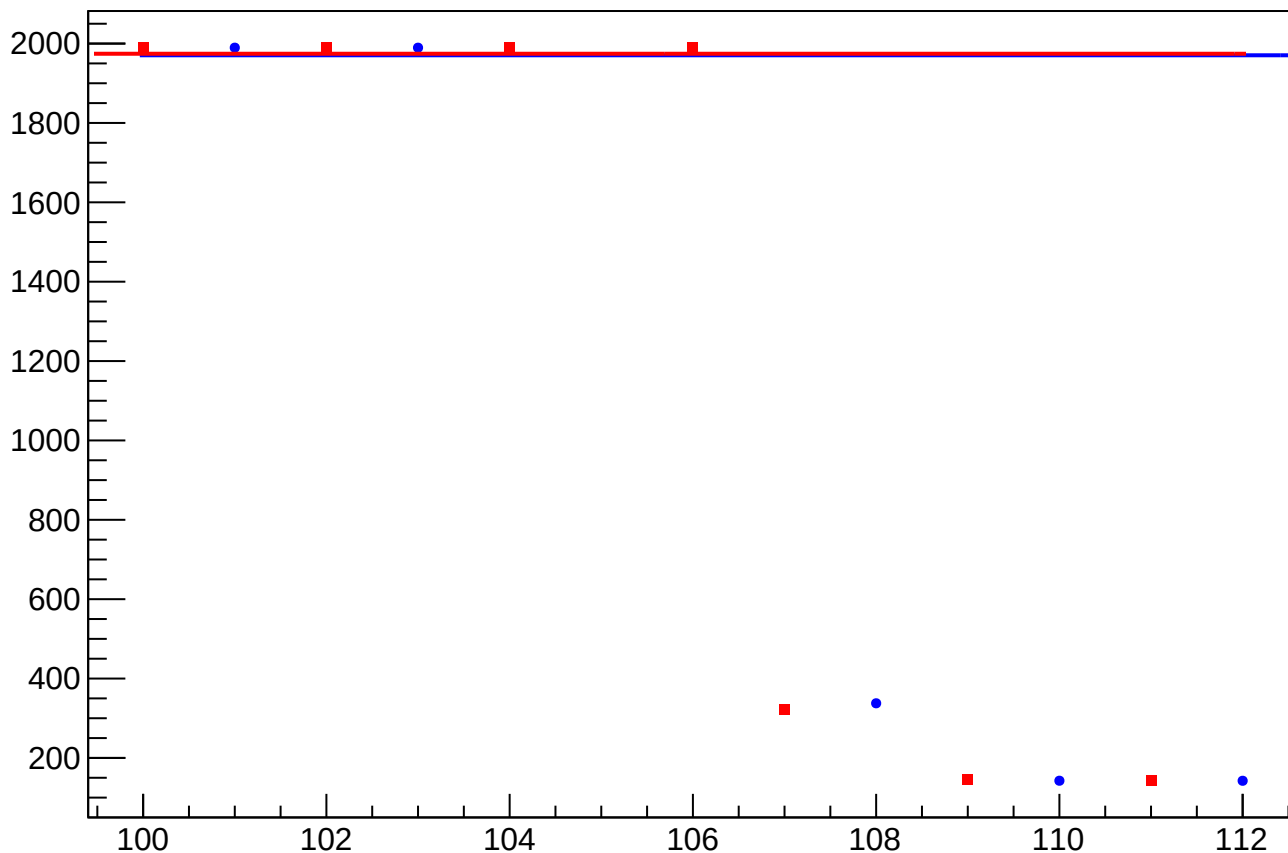
Right: 1.536+/-0.001 χ^2/NDF : 3717917.8/11

In: 1.581+/-0.001 χ^2/NDF : 1656161.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

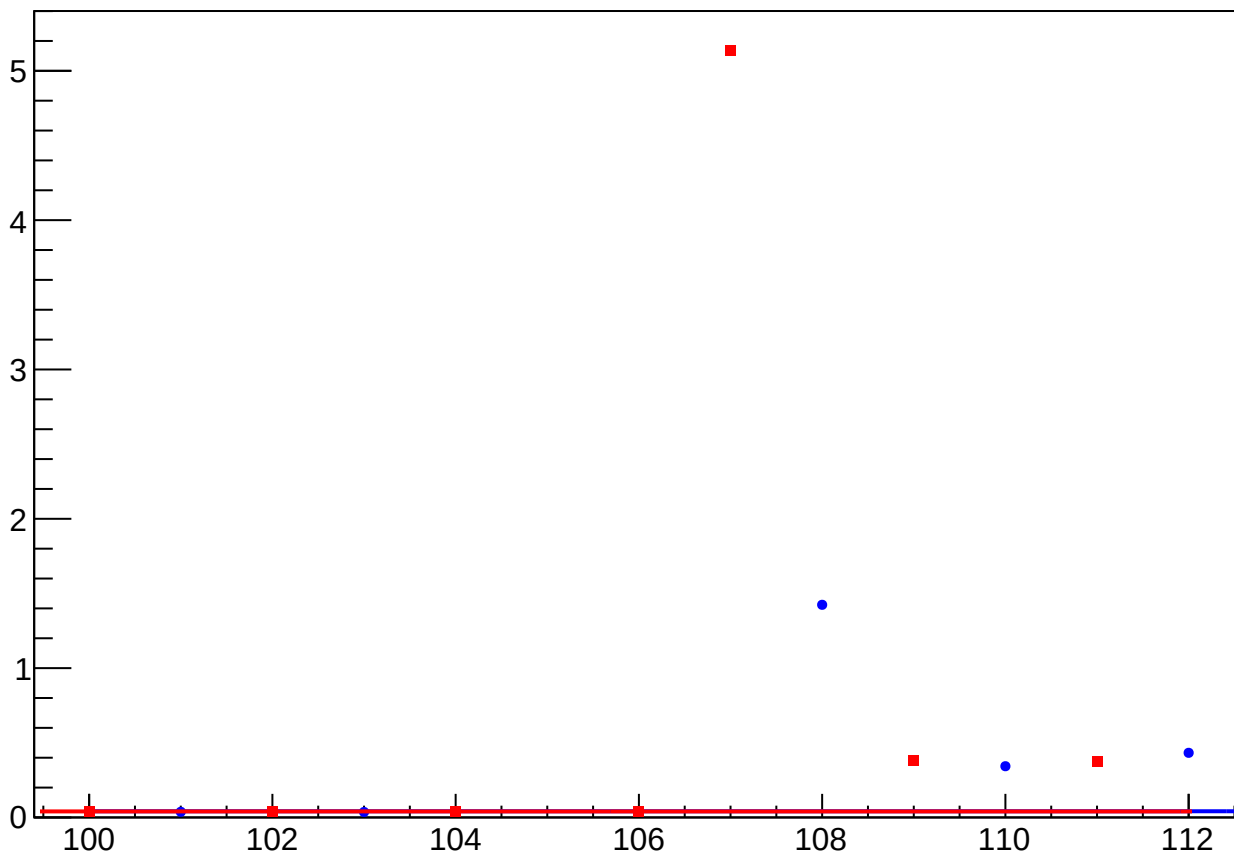
All: 1.536+/-0.001 χ^2/NDF : 3717917.8/11

yield_cav4dQ_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right In: 1970.506+/-0.000 χ^2/NDF : 18500666229929.7/4
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 1972.596+/-0.000 χ^2/NDF : 36015977324343
In: 1970.506+/-0.000 χ^2/NDF : 18500666229929.7
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 1972.596+/-0.000 χ^2/NDF : 36015977324

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.042+/-0.000 χ^2/NDF : 1917994.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.040+/-0.000 χ^2/NDF : 1529058.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

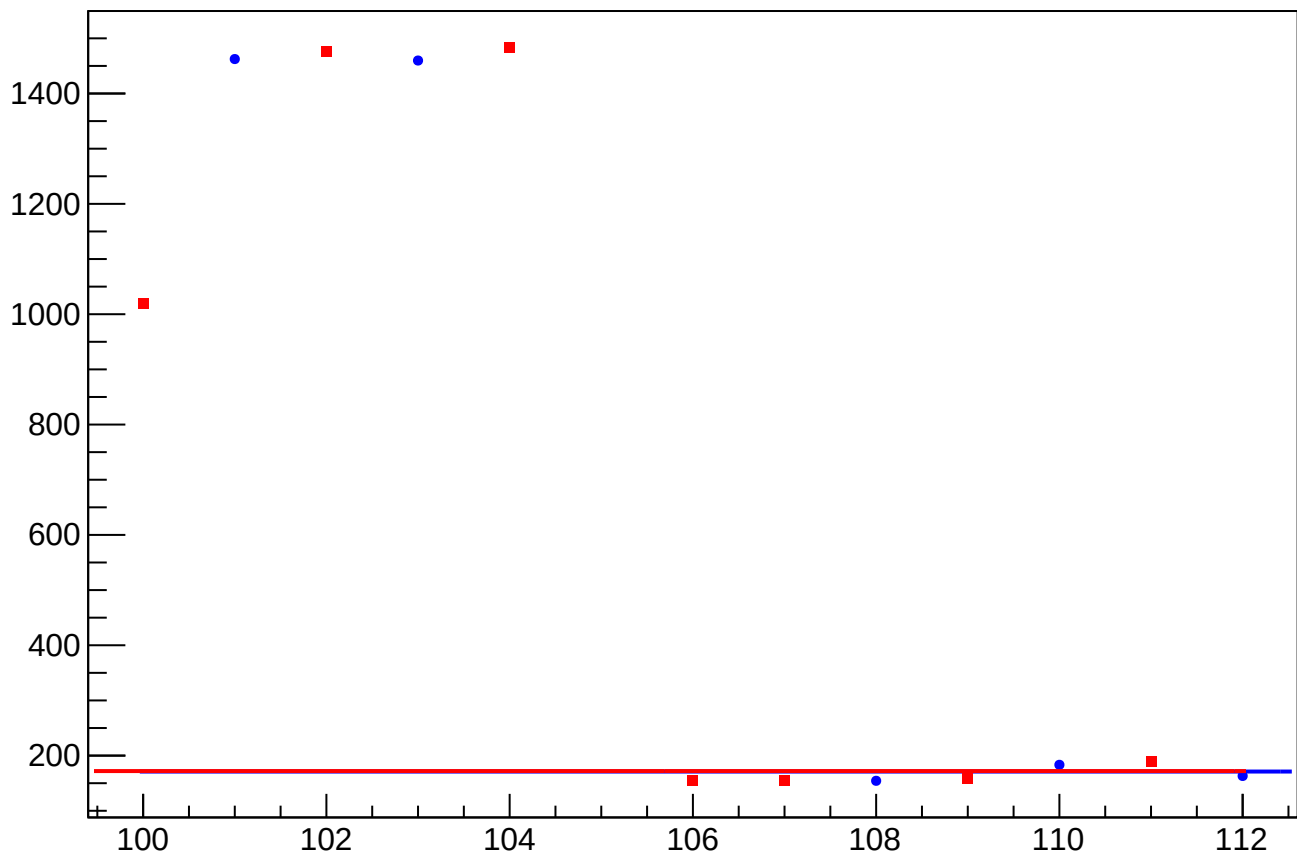
Right: 0.041+/-0.000 χ^2/NDF : 3447672.2/11

In: 0.042+/-0.000 χ^2/NDF : 1917994.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

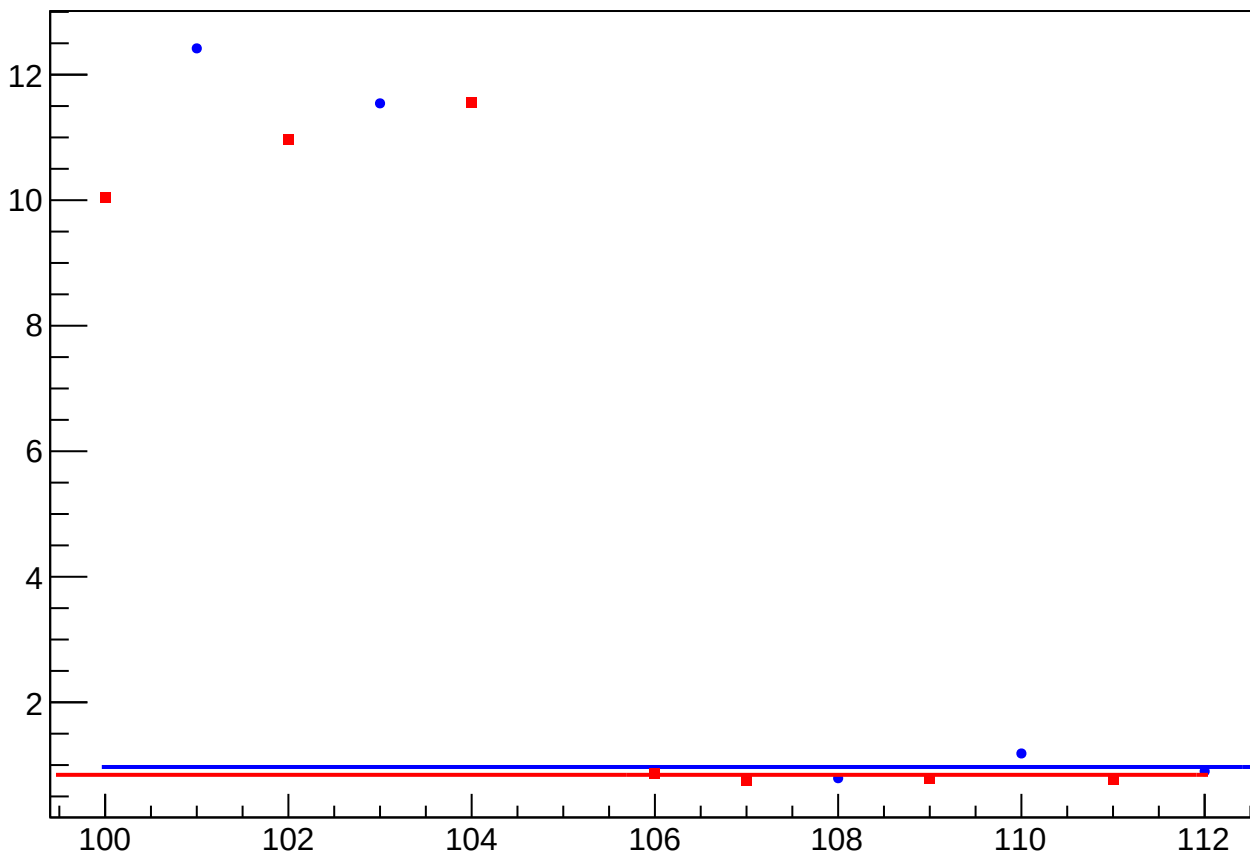
All: 0.041+/-0.000 χ^2/NDF : 3447672.2/11

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 171.124+/-0.001 χ^2/NDF : 14214282779.7/4
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 171.630+/-0.001 χ^2/NDF : 30156006719.1/11
 Right Out: 171.974+/-0.001 χ^2/NDF : 15941205803.0/6
 In: 171.124+/-0.001 χ^2/NDF : 14214282779.7/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 171.630+/-0.001 χ^2/NDF : 30156006719.1/11

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.969+/-0.001 χ^2/NDF : 2094887.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.844+/-0.001 χ^2/NDF : 2025993.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

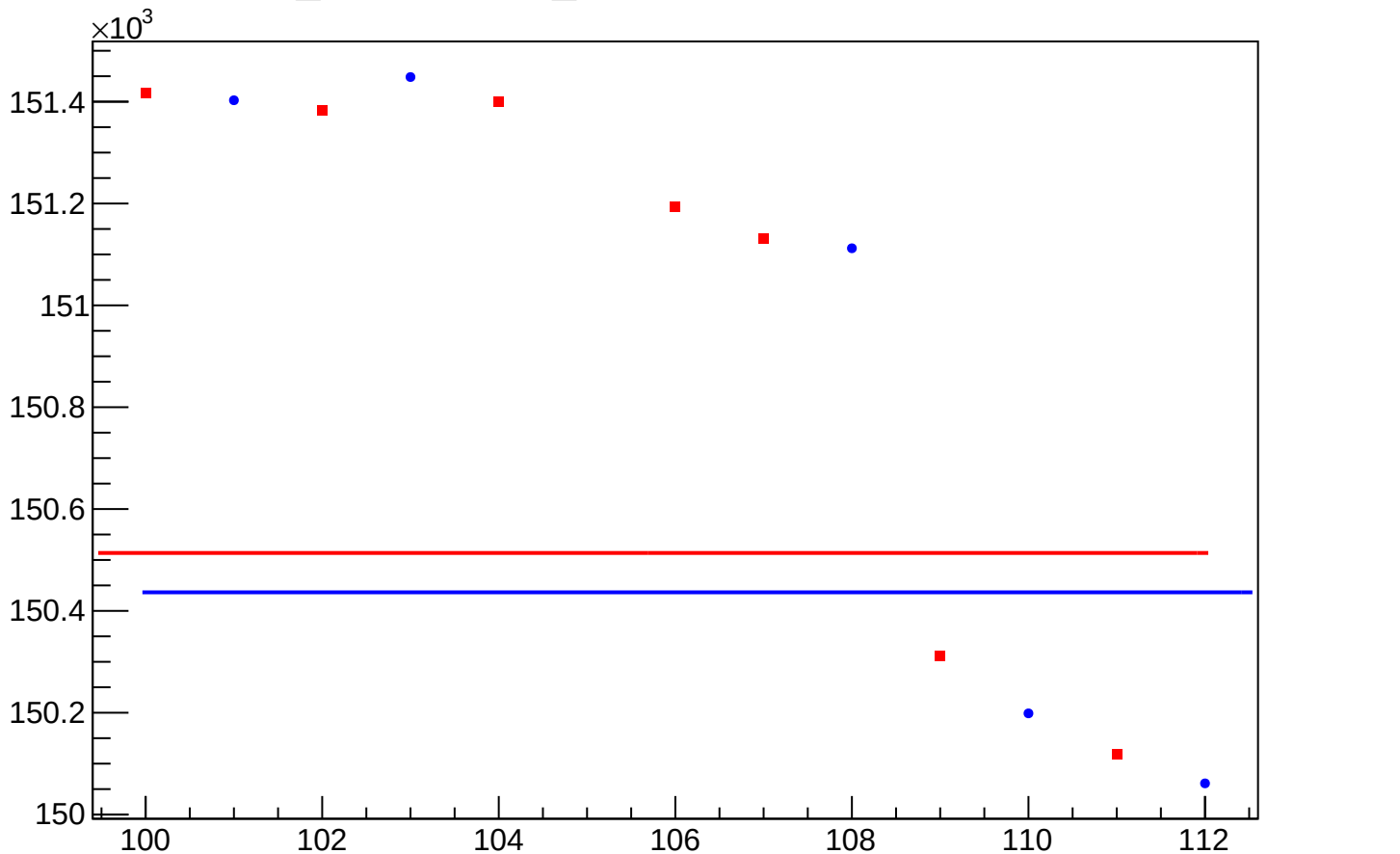
Right: 0.895+/-0.000 χ^2/NDF : 4143298.4/11

In: 0.969+/-0.001 χ^2/NDF : 2094887.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

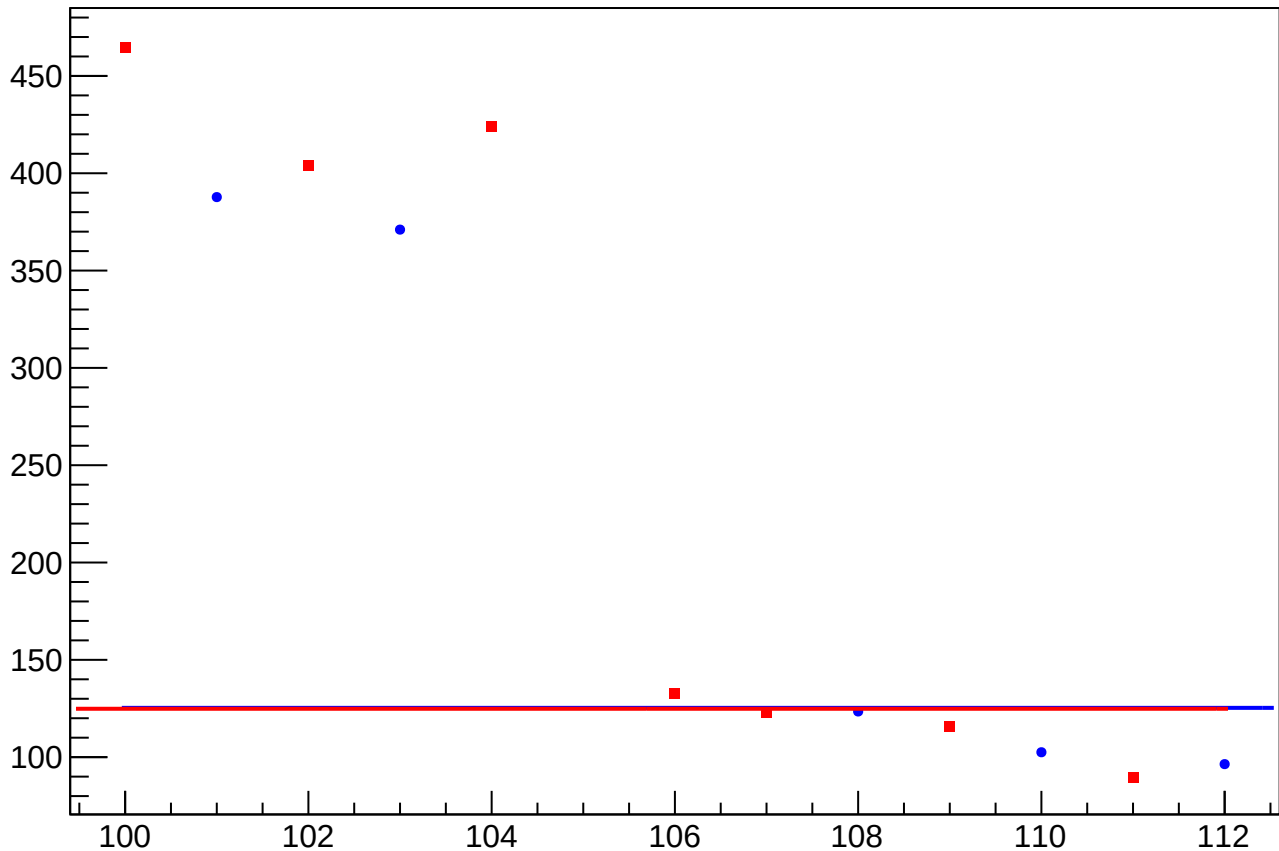
All: 0.895+/-0.000 χ^2/NDF : 4143298.4/11

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 150436.438 $\pm$ 0.094 χ^2 /NDF: 28230664.5/4
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 150513.749 $\pm$ 0.087 χ^2 /NDF: 29685539.6/6
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 150477.798 $\pm$ 0.064 χ^2 /NDF: 58280747.2/11
 In: 150436.438 $\pm$ 0.094 χ^2 /NDF:28230664.5/4
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 150477.798 $\pm$ 0.064 χ^2 /NDF: 58280747.2/11

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 125.331+/-0.066 χ^2/NDF : 1212520.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.862+/-0.062 χ^2/NDF : 1351200.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

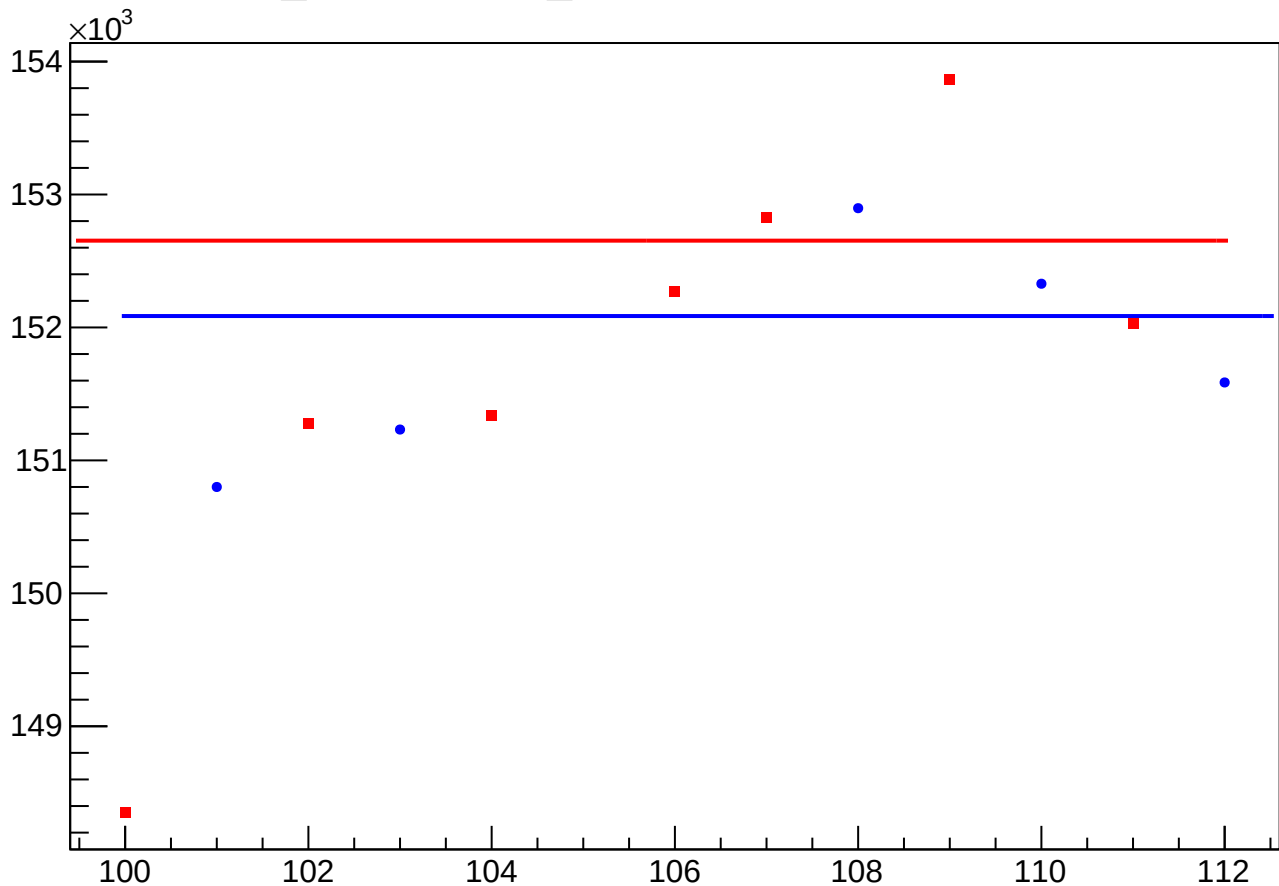
Right: 125.080+/-0.045 χ^2/NDF : 2563747.8/11

In: 125.331+/-0.066 χ^2/NDF : 1212520.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

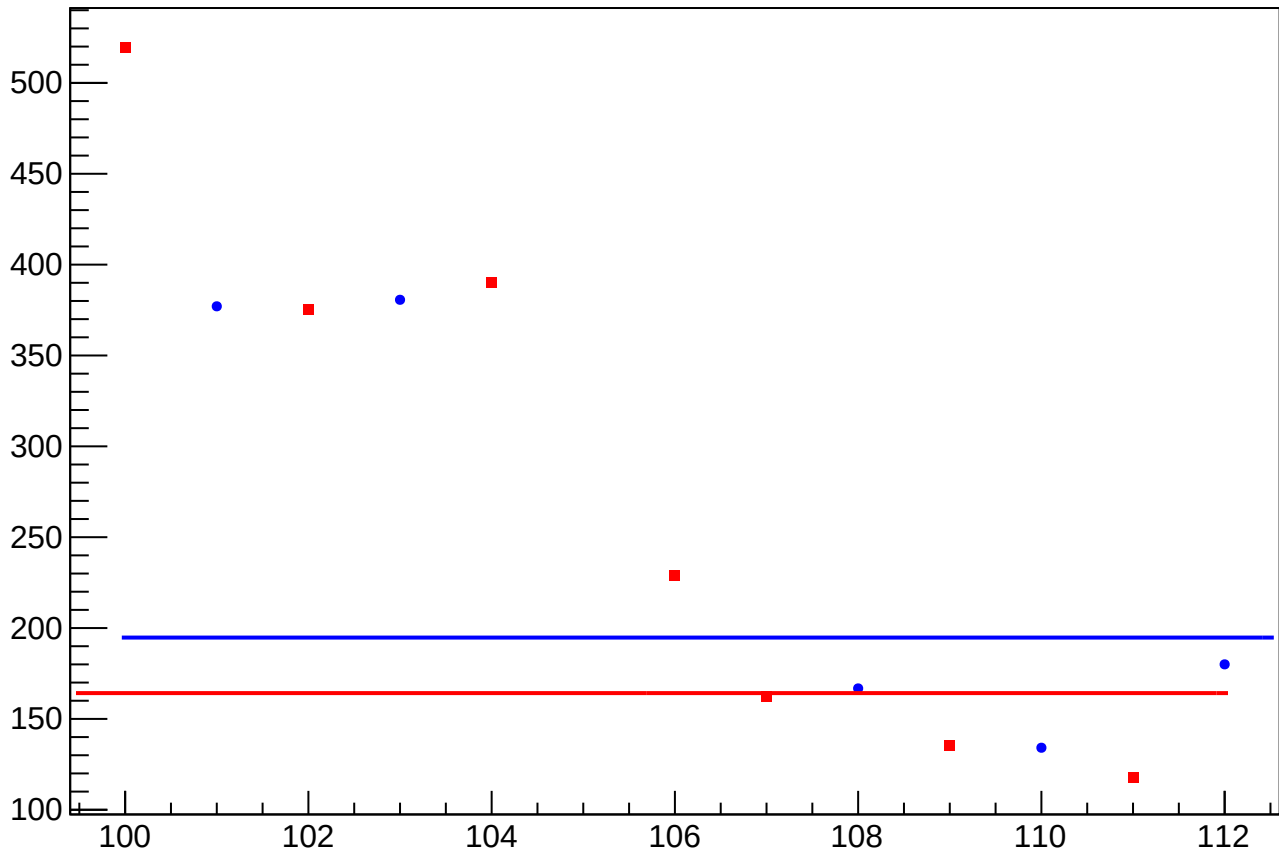
All: 125.080+/-0.045 χ^2/NDF : 2563747.8/11

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 152085.826 $\pm$ 0.139 χ^2 /NDF: 23859227.2/4
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 152652.924 $\pm$ 0.113 χ^2 /NDF: 69897077.7/6
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 152426.201 $\pm$ 0.088 χ^2 /NDF: 103801029.9/1
 In: 152085.826 $\pm$ 0.139 χ^2 /NDF:23859227.2/4
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 152426.201 $\pm$ 0.088 χ^2 /NDF: 103801029.9/1

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 194.763+/-0.098 χ^2/NDF : 748943.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 164.204+/-0.080 χ^2/NDF : 1038863.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

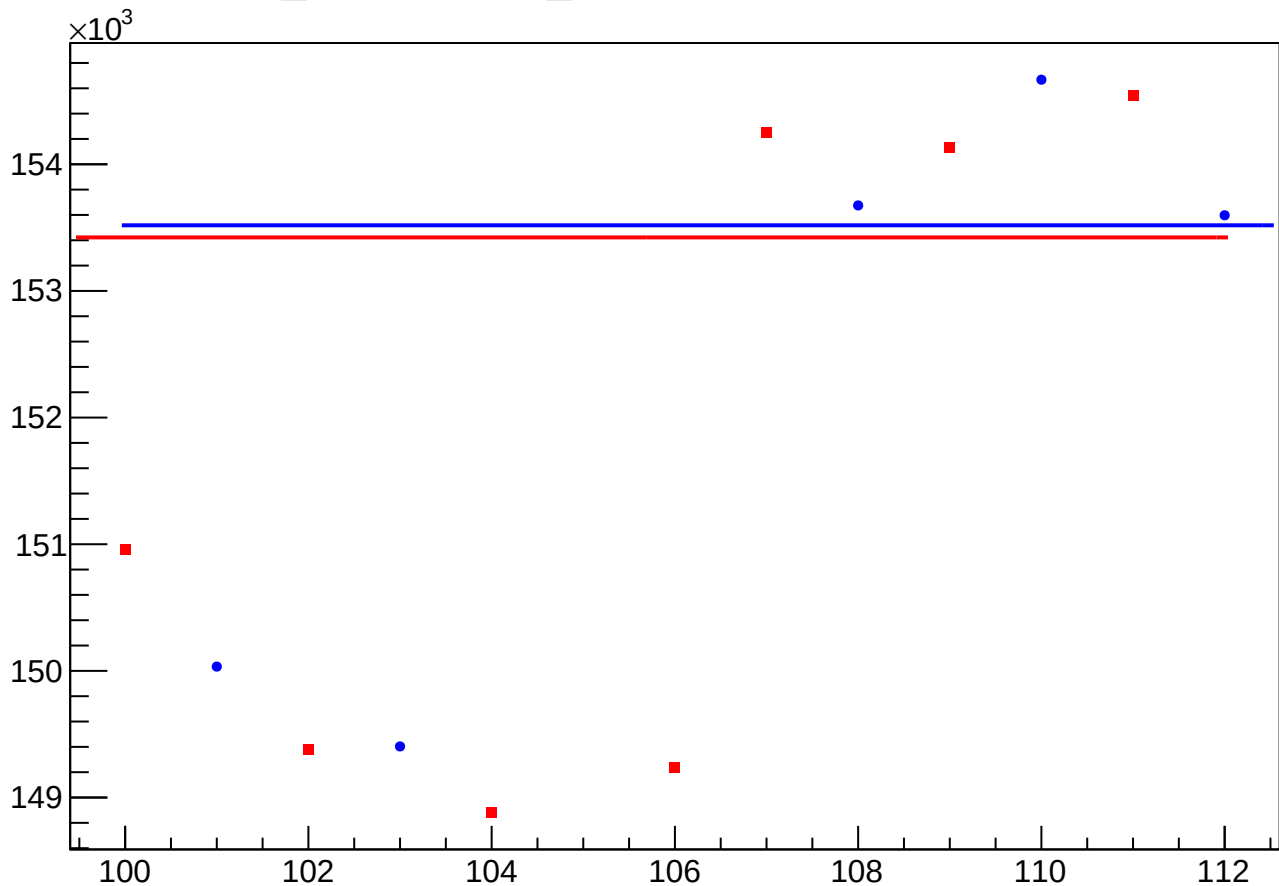
Right: 176.422+/-0.062 χ^2/NDF : 1846144.2/11

In: 194.763+/-0.098 χ^2/NDF : 748943.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

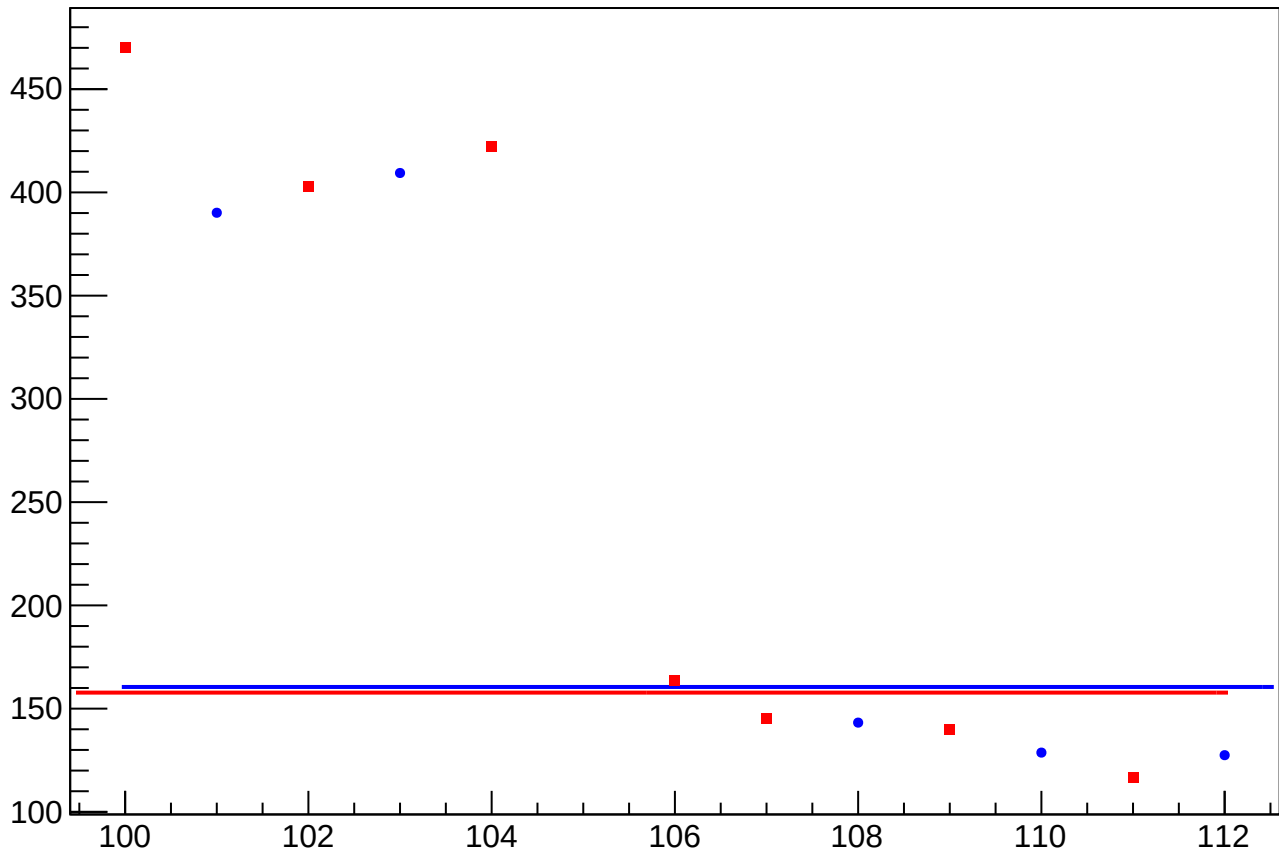
All: 176.422+/-0.062 χ^2/NDF : 1846144.2/11

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 153518.144+/-0.116 χ^2/NDF : 142292905.8/4
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 153422.557+/-0.110 χ^2/NDF : 322944657.1/6
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 153518.144+/-0.116 χ^2/NDF : 142292905.8/4
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 153467.750+/-0.080 χ^2/NDF : 465596952.0/1

yield_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 160.495+/-0.082 χ^2/NDF : 1012674.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.760+/-0.078 χ^2/NDF : 1076503.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

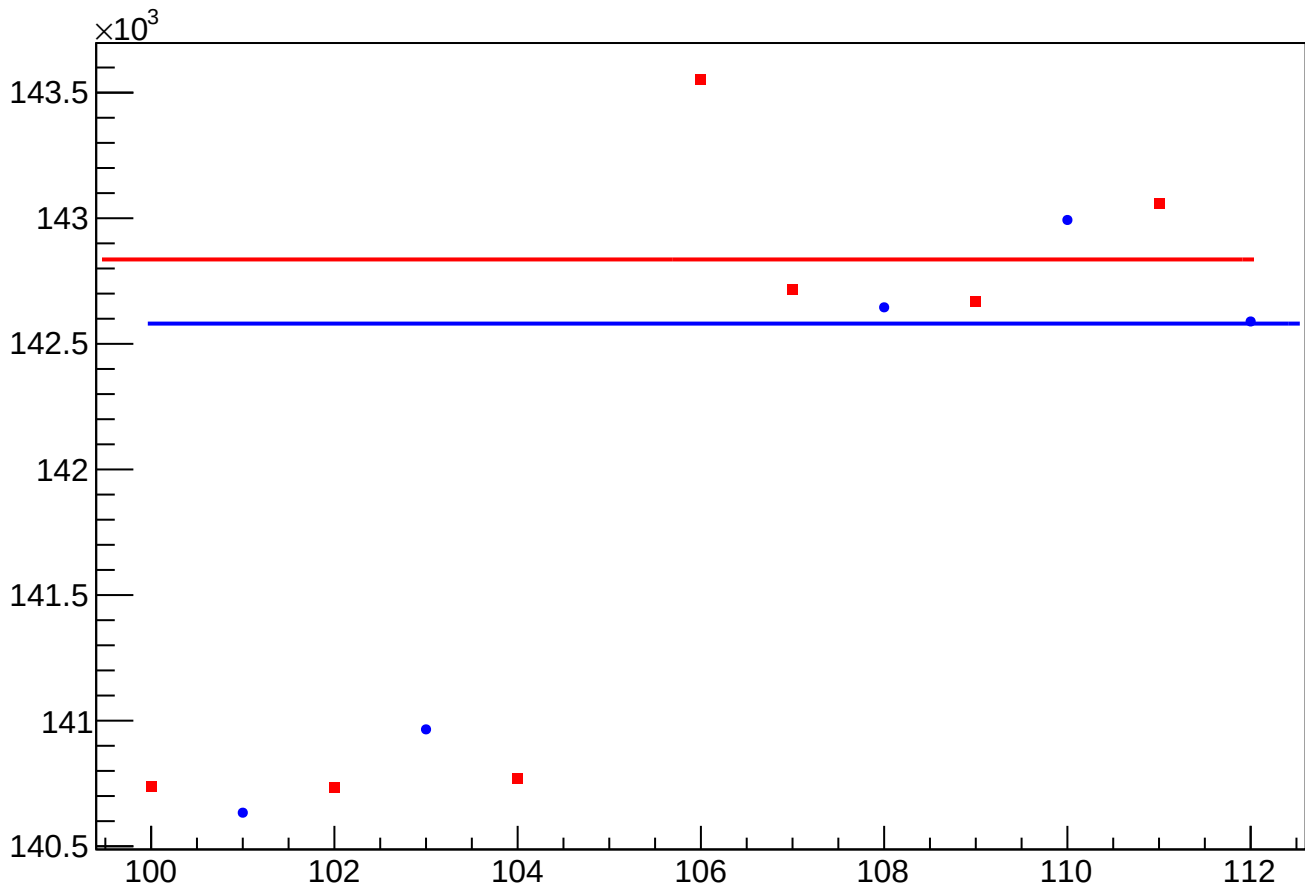
Right: 159.053+/-0.056 χ^2/NDF : 2089766.5/11

In: 160.495+/-0.082 χ^2/NDF : 1012674.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

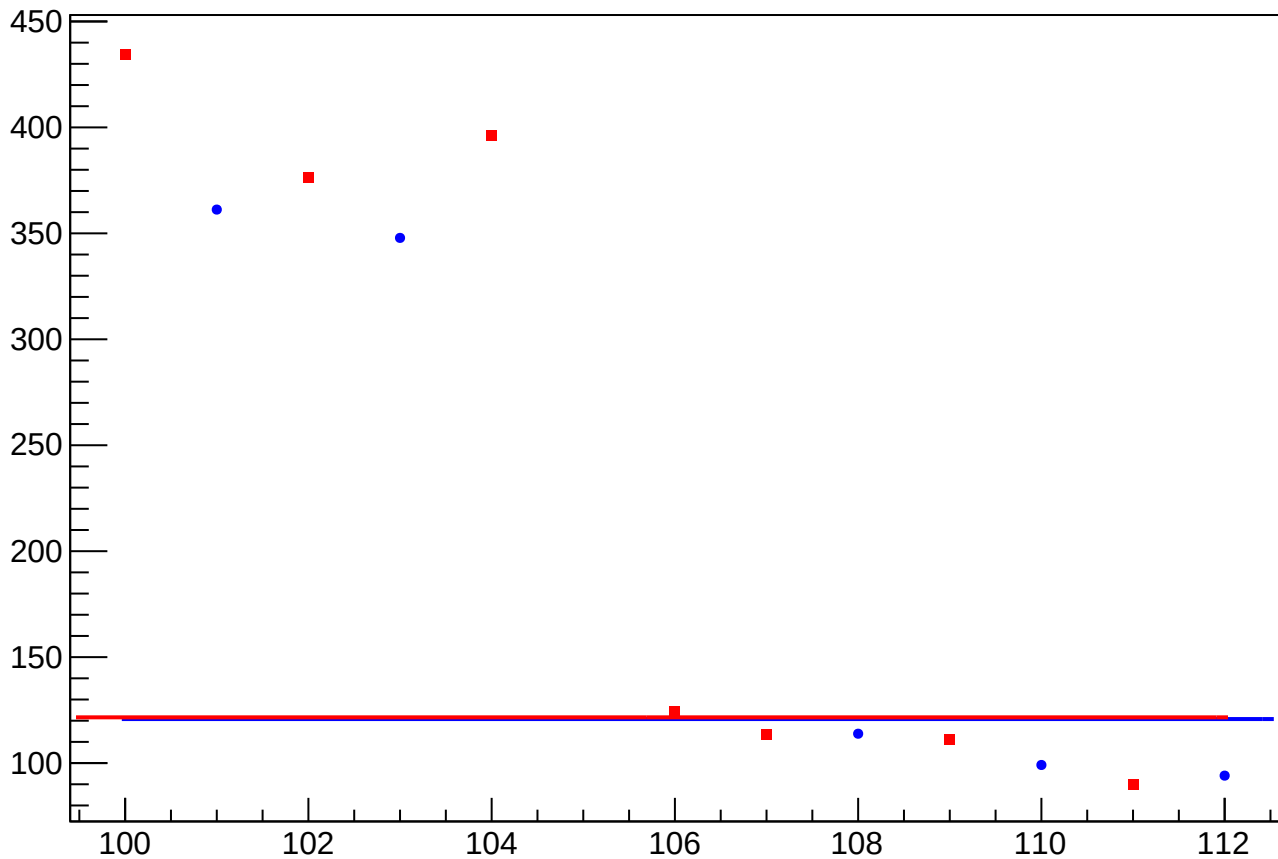
All: 159.053+/-0.056 χ^2/NDF : 2089766.5/11

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right In: 142580.623+/-0.090 χ^2/NDF : 37757421.4/4
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 142716.265+/-0.061 χ^2/NDF : 92449220.5/11
 In: 142580.623+/-0.090 χ^2/NDF : 37757421.4/4
 Right Out: 142835.940+/-0.084 χ^2/NDF : 50395858.0/6
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 142716.265+/-0.061 χ^2/NDF : 92449220.5/11

yield_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 120.781+/-0.063 χ^2/NDF : 1174895.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.589+/-0.060 χ^2/NDF : 1284159.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

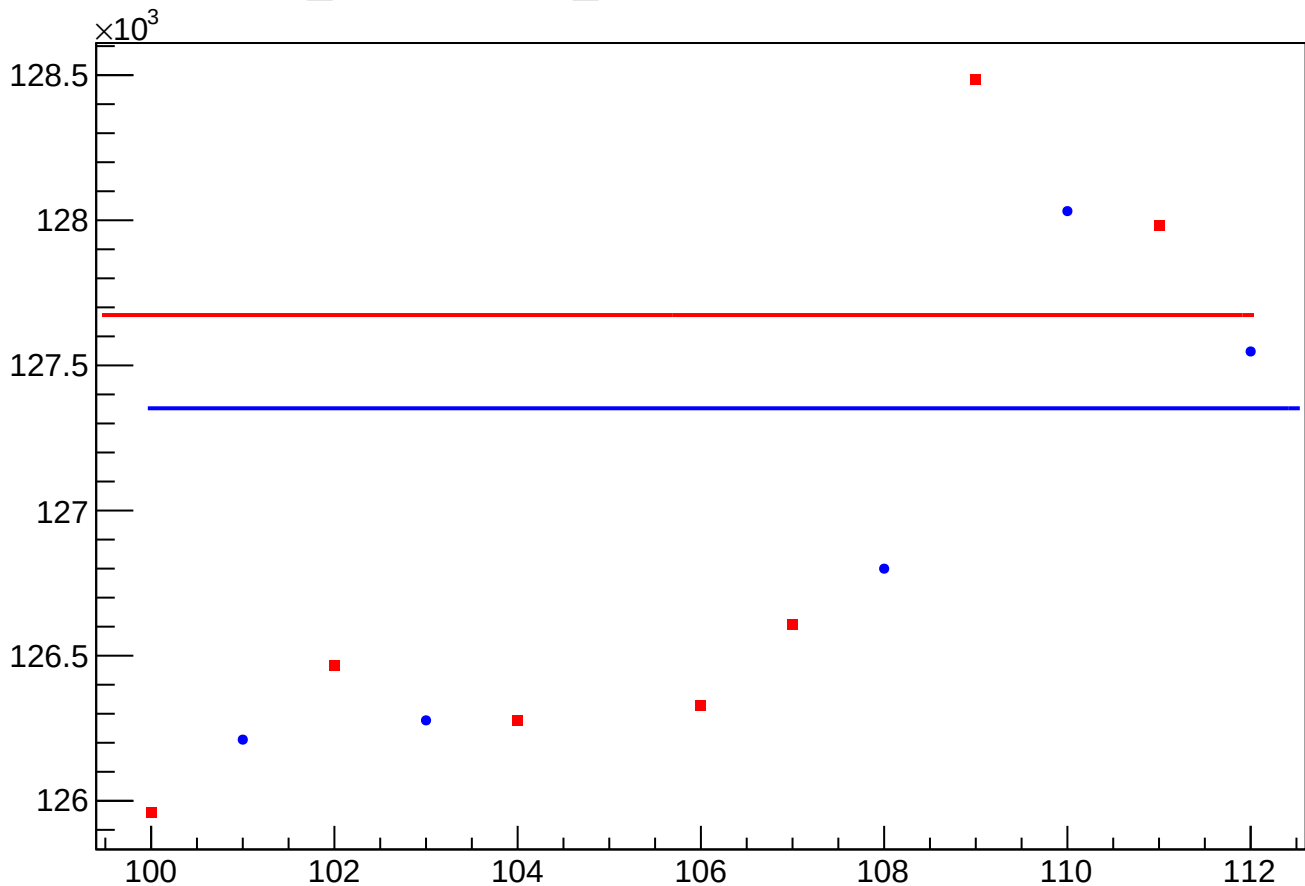
Right: 121.210+/-0.043 χ^2/NDF : 2459140.7/11

In: 120.781+/-0.063 χ^2/NDF : 1174895.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.210+/-0.043 χ^2/NDF : 2459140.7/11

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127352.289+/-0.111 χ^2/NDF : 35955965.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127673.501+/-0.101 χ^2/NDF : 69262154.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

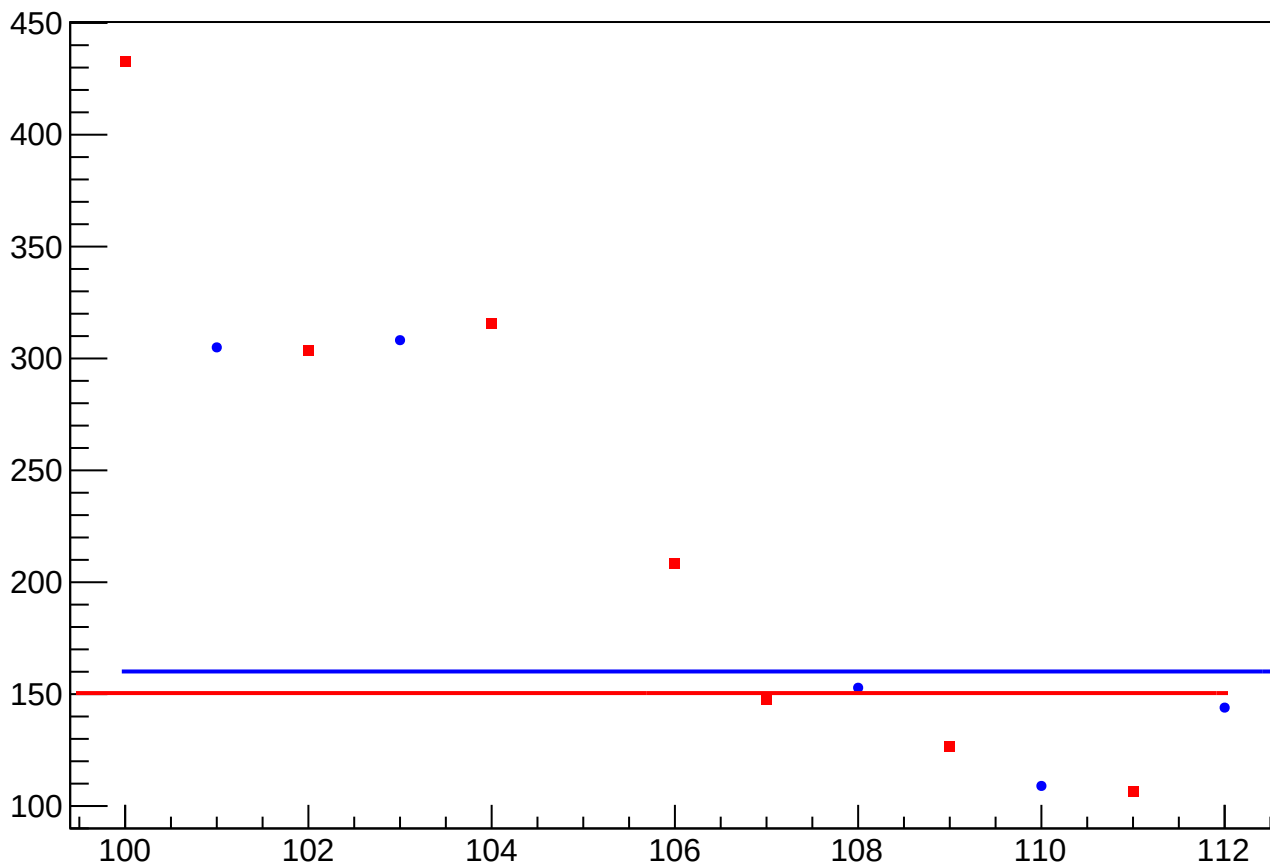
Right: 127528.752+/-0.075 χ^2/NDF : 109789224.6/1

In: 127352.289+/-0.111 χ^2/NDF : 35955965.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127528.752+/-0.075 χ^2/NDF : 109789224.6/1

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 160.123+/-0.079 χ^2/NDF : 741019.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.470+/-0.071 χ^2/NDF : 897036.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

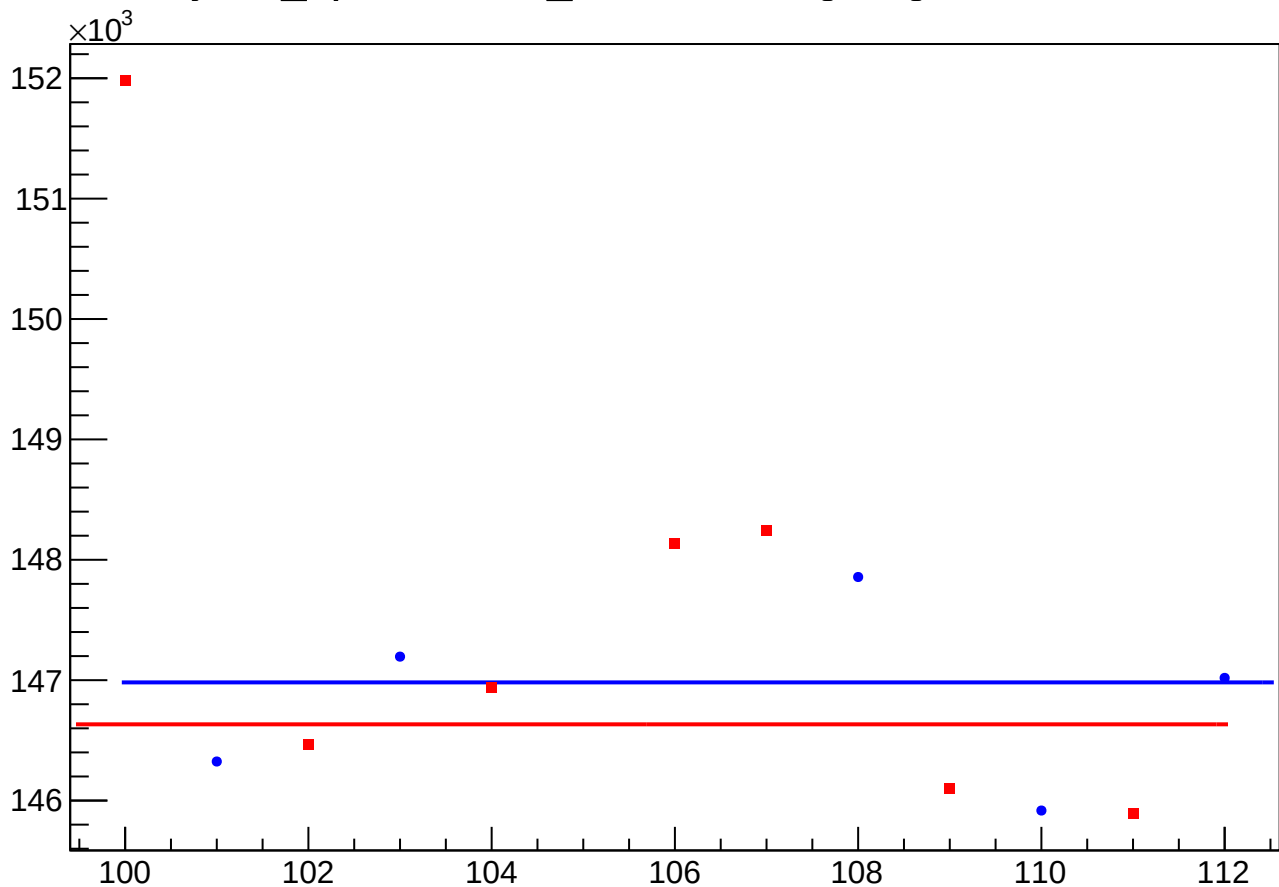
Right: 154.820+/-0.053 χ^2/NDF : 1646312.4/11

In: 160.123+/-0.079 χ^2/NDF : 741019.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.820+/-0.053 χ^2/NDF : 1646312.4/11

yield_bpm0l02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 146783.738+/-0.107 χ^2 /NDF: 72975886.4/11

In: 146981.573+/-0.163 χ^2 /NDF: 21353386.6/4

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 146783.738+/-0.107 χ^2 /NDF: 72975886.4/11

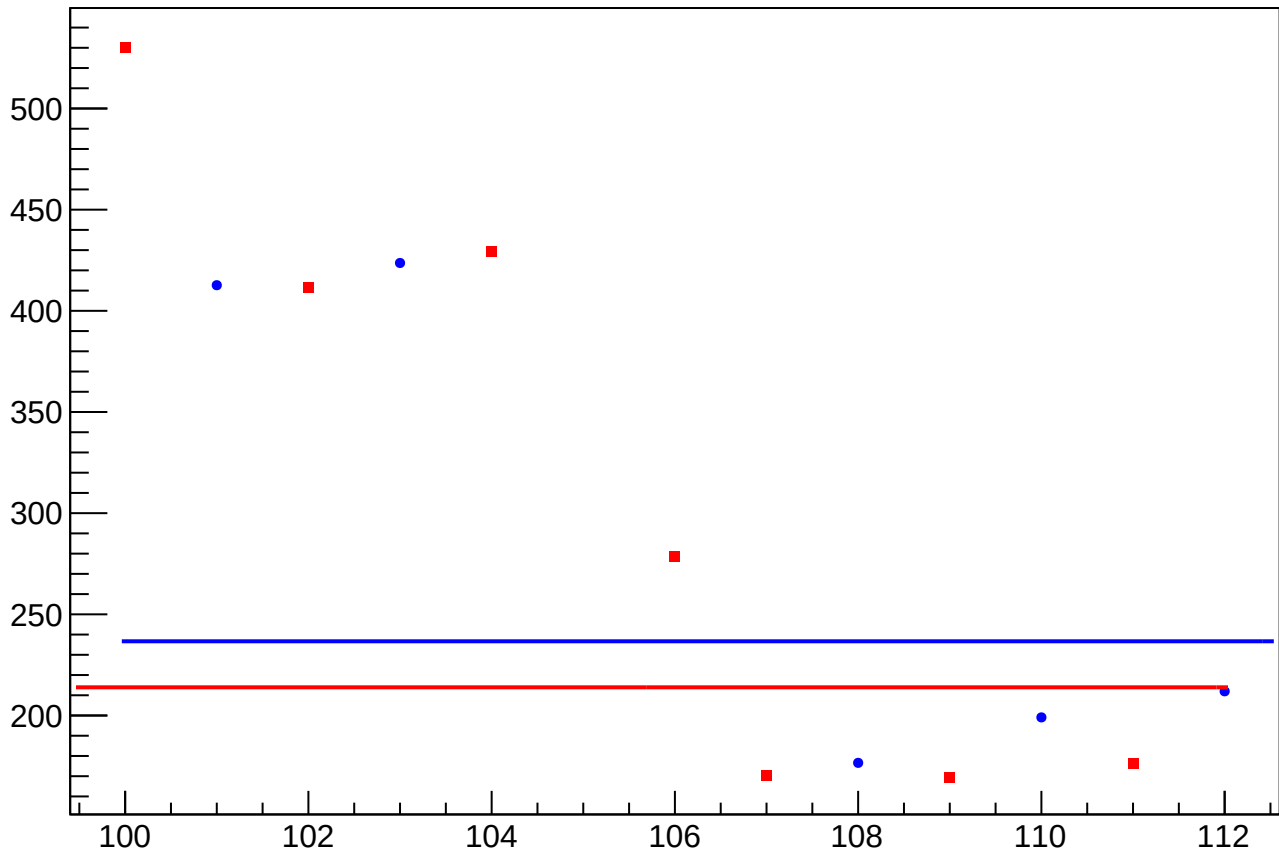
Right In: 146981.573+/-0.163 χ^2 /NDF: 21353386.6/4

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 146633.239+/-0.142 χ^2 /NDF: 49023574.6/6

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 236.678+/-0.115 χ^2/NDF : 599635.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 213.930+/-0.100 χ^2/NDF : 776488.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

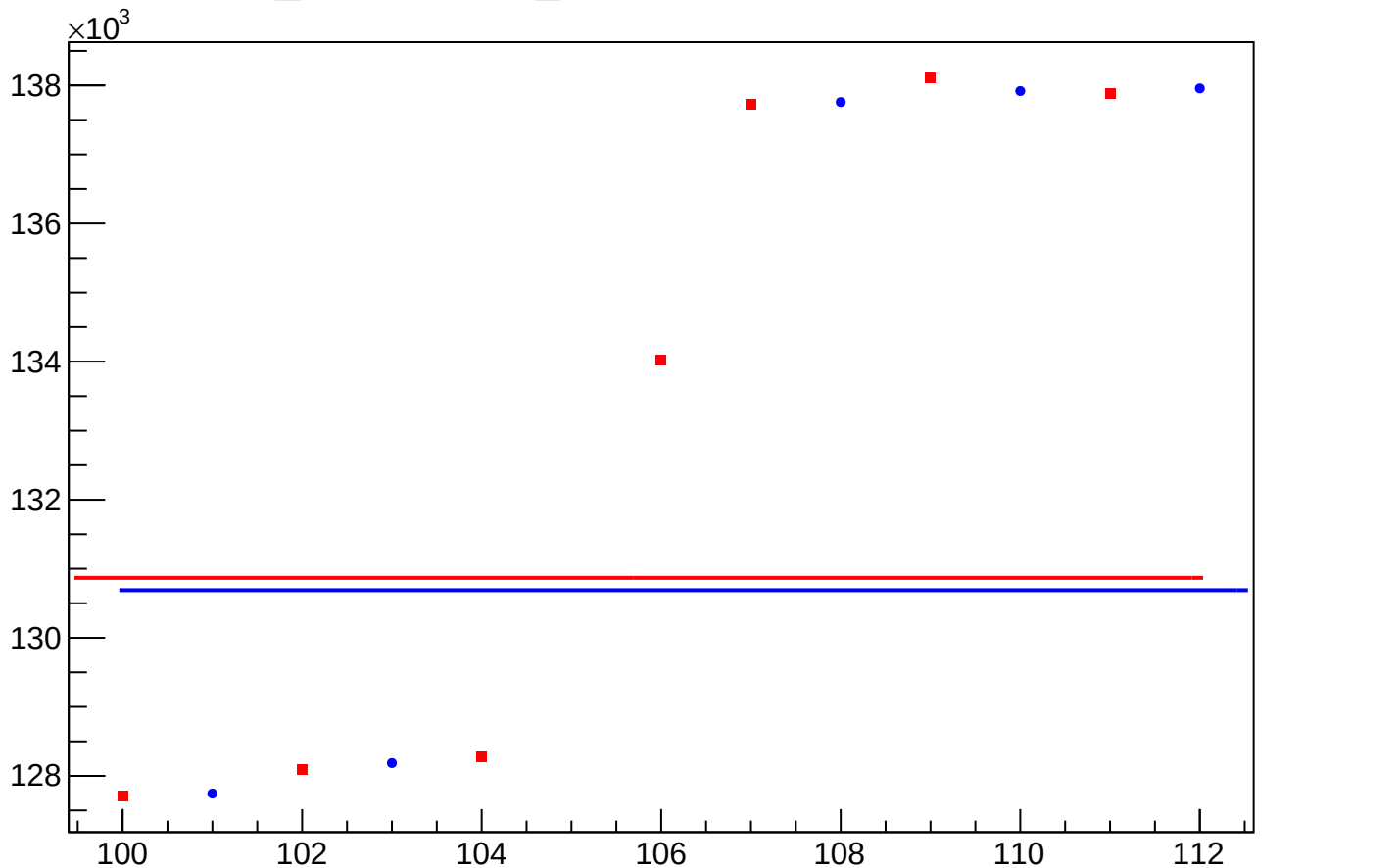
Right: 223.758+/-0.076 χ^2/NDF : 1398292.4/11

In: 236.678+/-0.115 χ^2/NDF : 599635.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

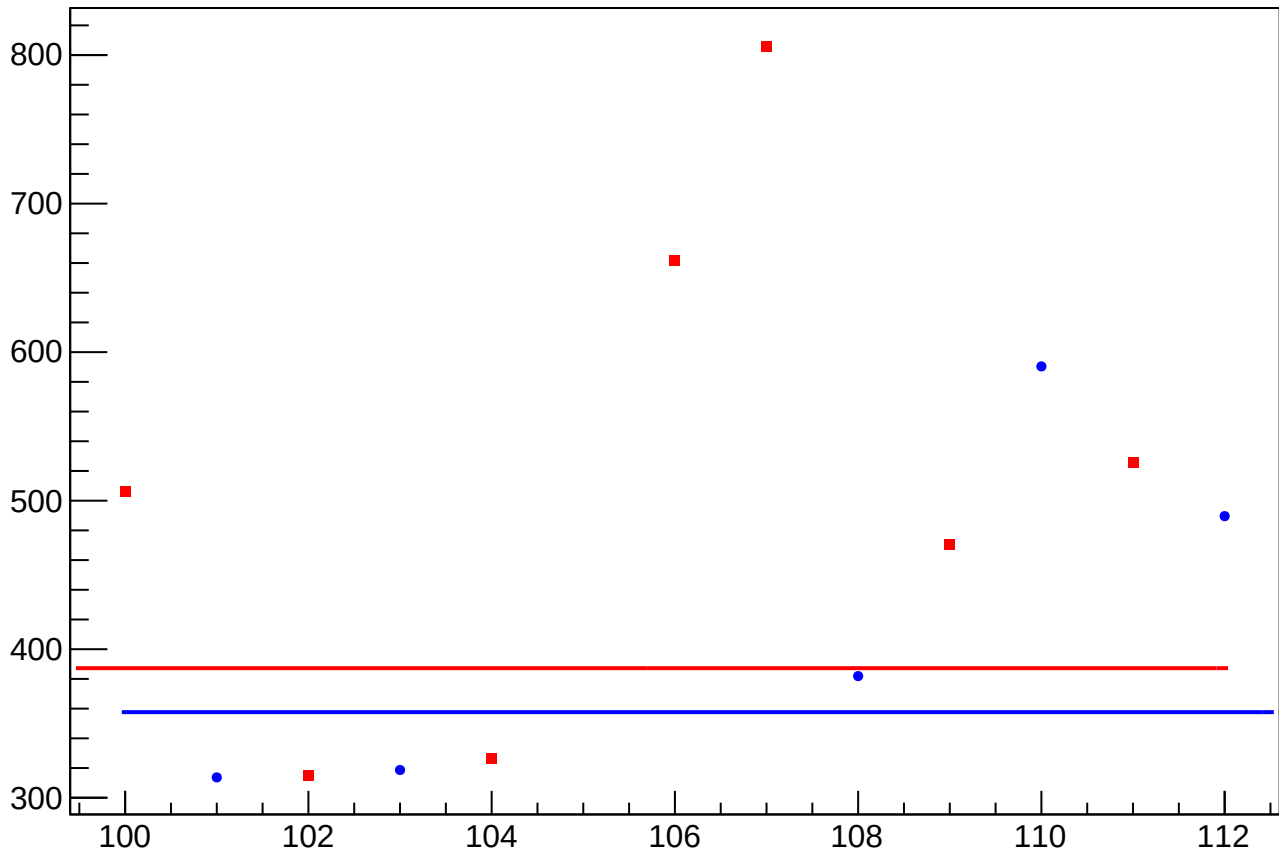
All: 223.758+/-0.076 χ^2/NDF : 1398292.4/11

yield_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: 130689.636 $\pm$ 0.240 χ^2 /NDF: 341032643.0/4
 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: 130776.434 $\pm$ 0.172 χ^2 /NDF: 641708097.8/1
 Right Out: 130868.006 $\pm$ 0.247 χ^2 /NDF: 300407392.4/6
 In: 130689.636 $\pm$ 0.240 χ^2 /NDF: 341032643.0/4
 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: 130776.434 $\pm$ 0.172 χ^2 /NDF: 641708097.8/1

yield_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 357.625 $\pm$ 0.170 χ^2 /NDF: 216073.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 387.238 $\pm$ 0.175 χ^2 /NDF: 423445.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

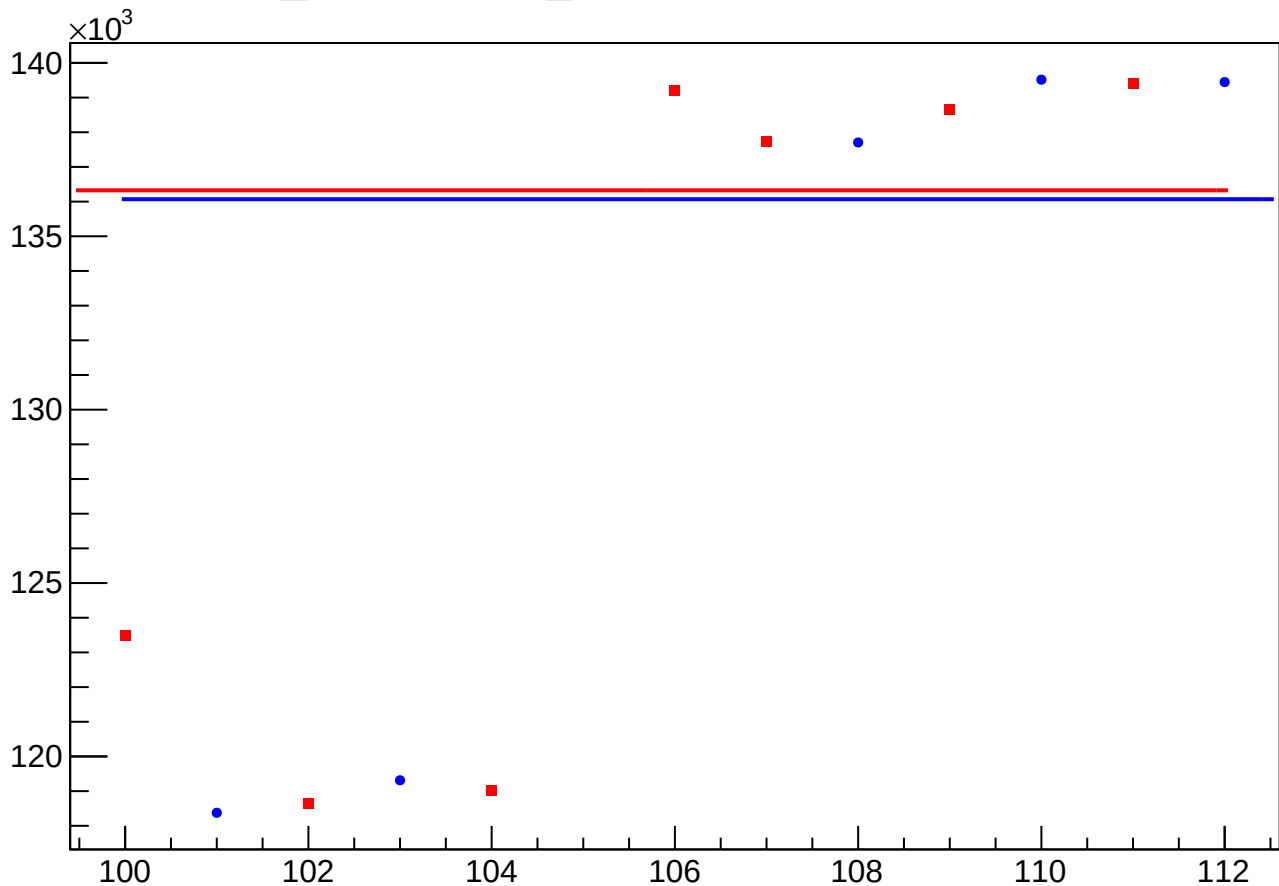
Right: 372.035 $\pm$ 0.122 χ^2 /NDF: 654295.6/11

In: 357.625 $\pm$ 0.170 χ^2 /NDF:216073.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 372.035 $\pm$ 0.122 χ^2 /NDF: 654295.6/11

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 136069.358+/-0.115 χ^2 /NDF: 3976343018.5/4

Right: 136200.969+/-0.080 χ^2 /NDF: 7698811562.1/6

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

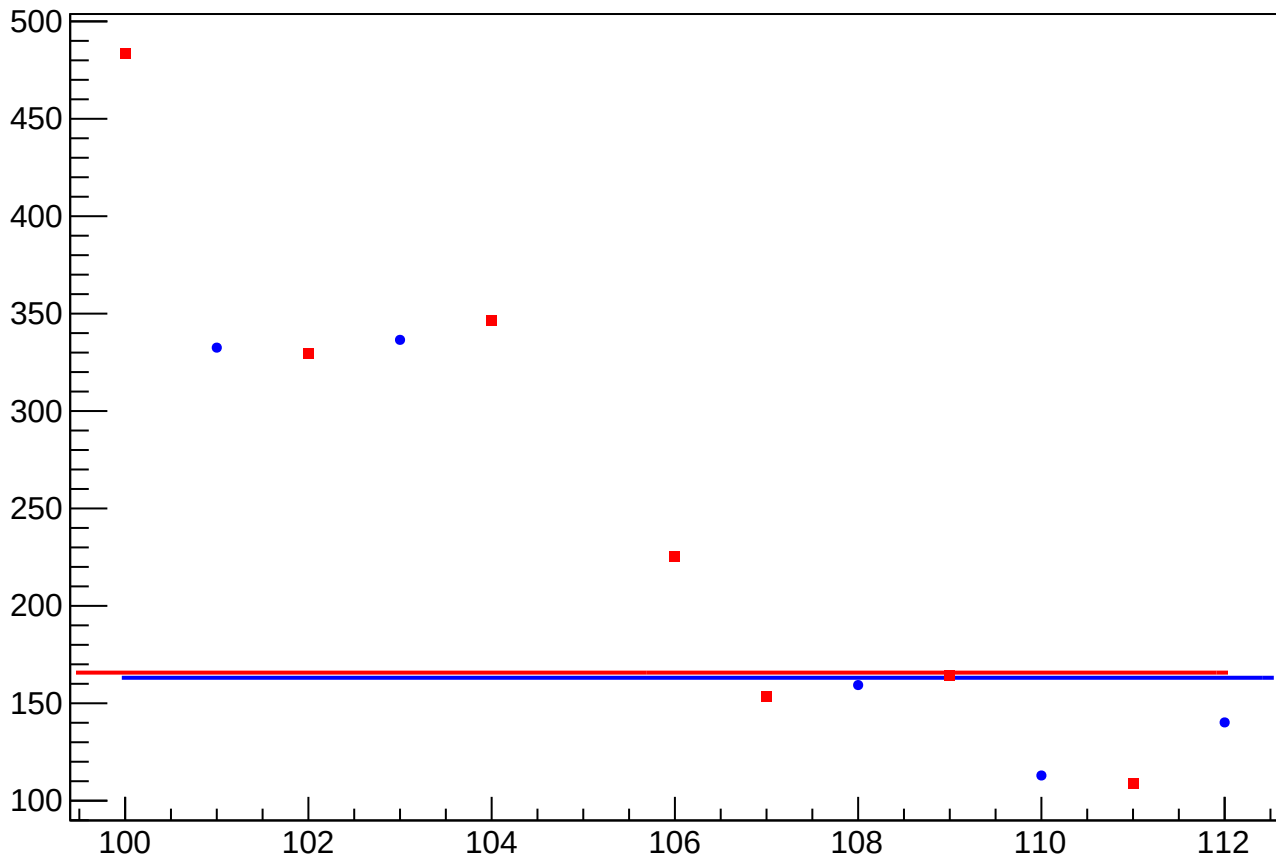
Right Out: 136325.048+/-0.111 χ^2 /NDF: 3719906169.7/6

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 136200.969+/-0.080 χ^2 /NDF: 7698811562.1/6

yield_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 163.098+/-0.081 χ^2/NDF : 822137.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.741+/-0.079 χ^2/NDF : 940410.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

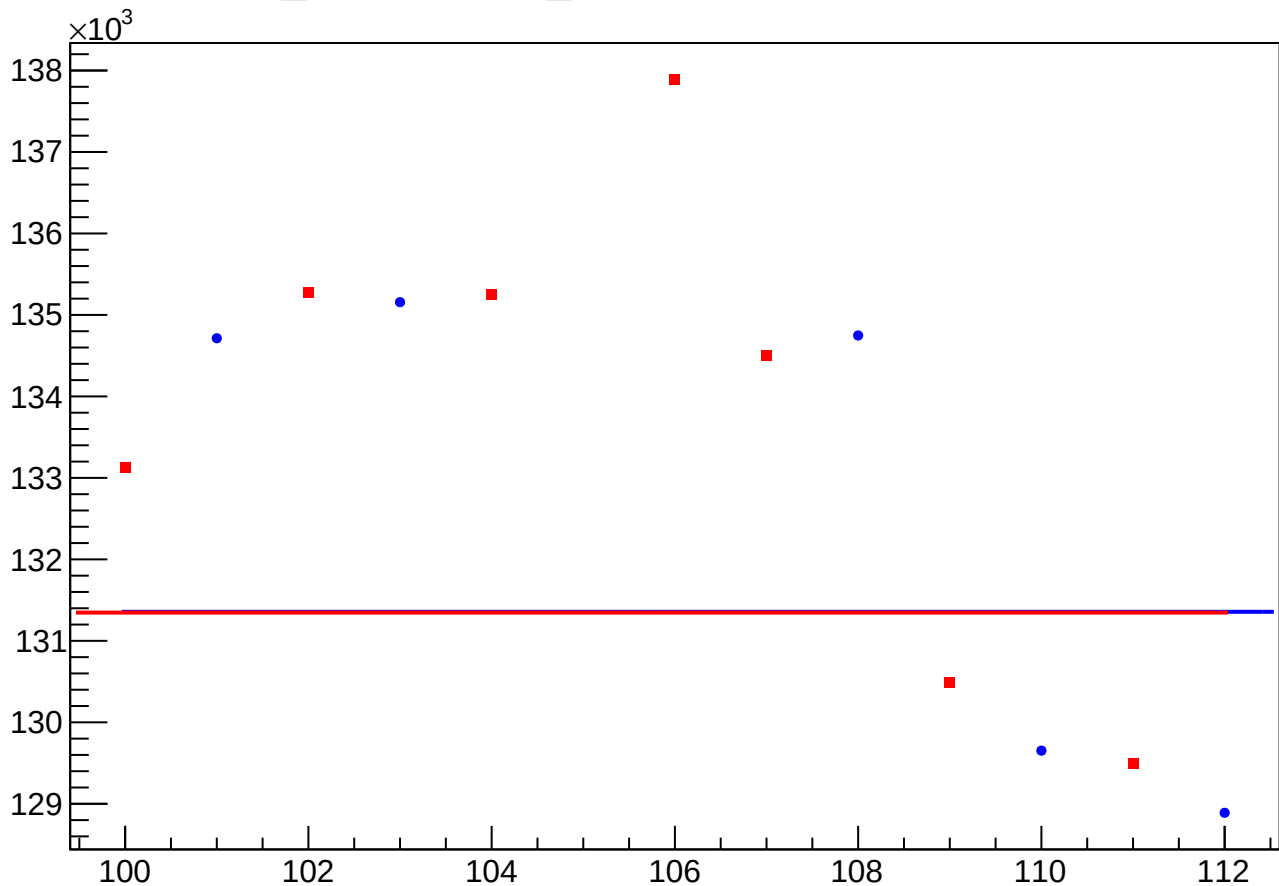
Right: 164.459+/-0.056 χ^2/NDF : 1763096.3/11

In: 163.098+/-0.081 χ^2/NDF : 822137.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.459+/-0.056 χ^2/NDF : 1763096.3/11

yield_bpm0l05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 131356.440+/-0.127 χ^2 /NDF: 444256069.4/4

Right: 131350.948+/-0.082 χ^2 /NDF: 997911960.2/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 131347.014+/-0.107 χ^2 /NDF: 553652661.1/6

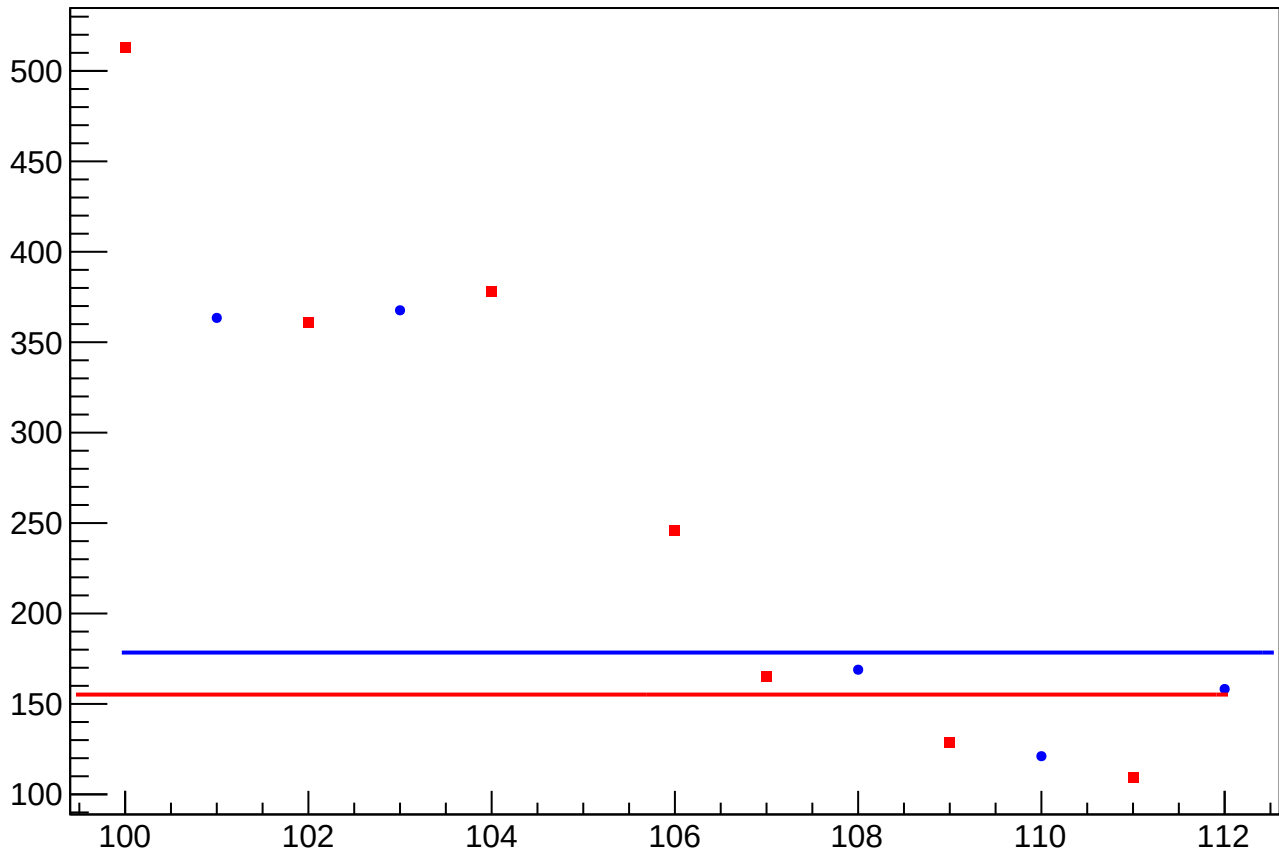
In: 131356.440+/-0.127 χ^2 /NDF: 444256069.4/4

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 131350.948+/-0.082 χ^2 /NDF: 997911960.2/1

yield_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 178.404+/-0.090 χ^2/NDF : 825033.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.169+/-0.076 χ^2/NDF : 1118358.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

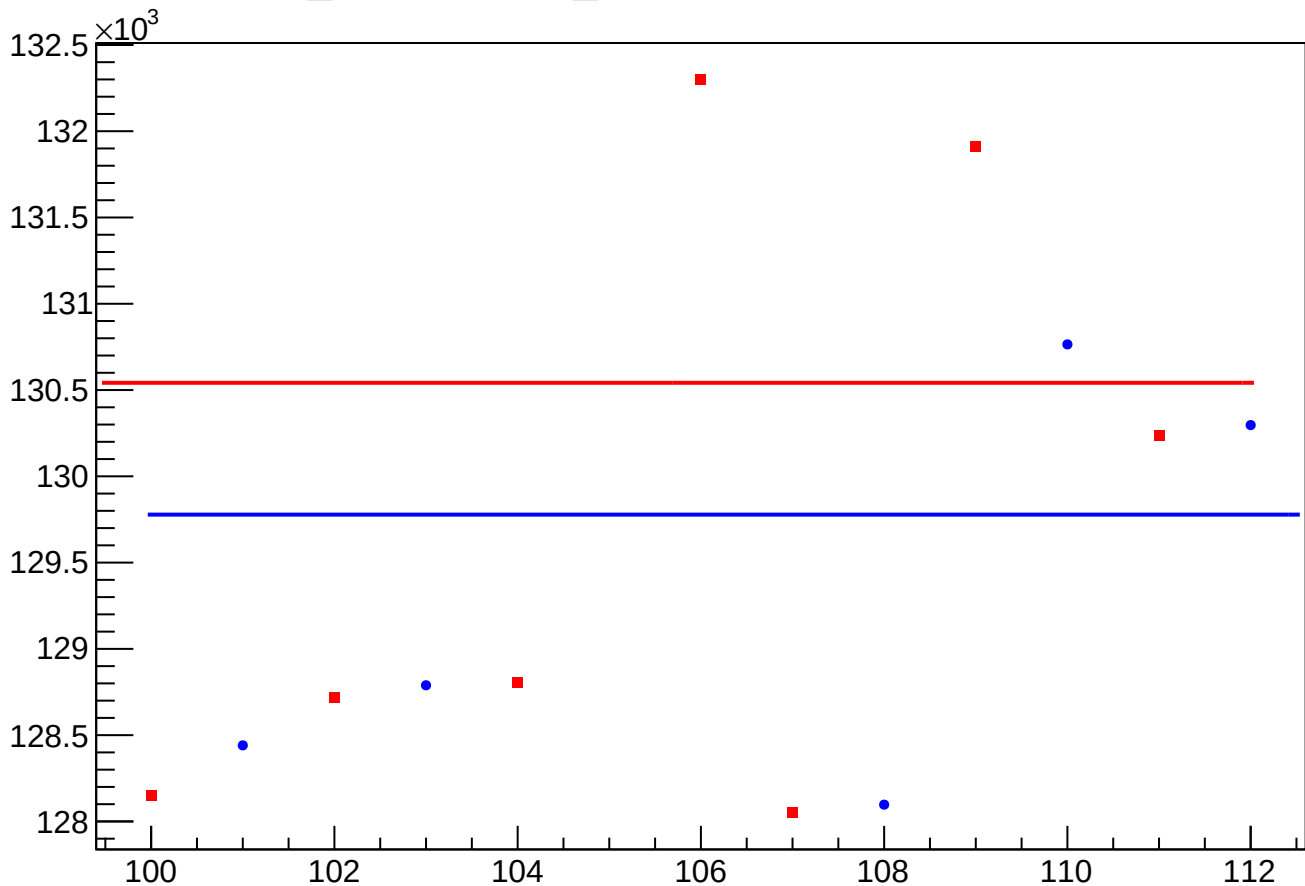
Right: 164.868+/-0.058 χ^2/NDF : 1982637.6/11

In: 178.404+/-0.090 χ^2/NDF : 825033.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

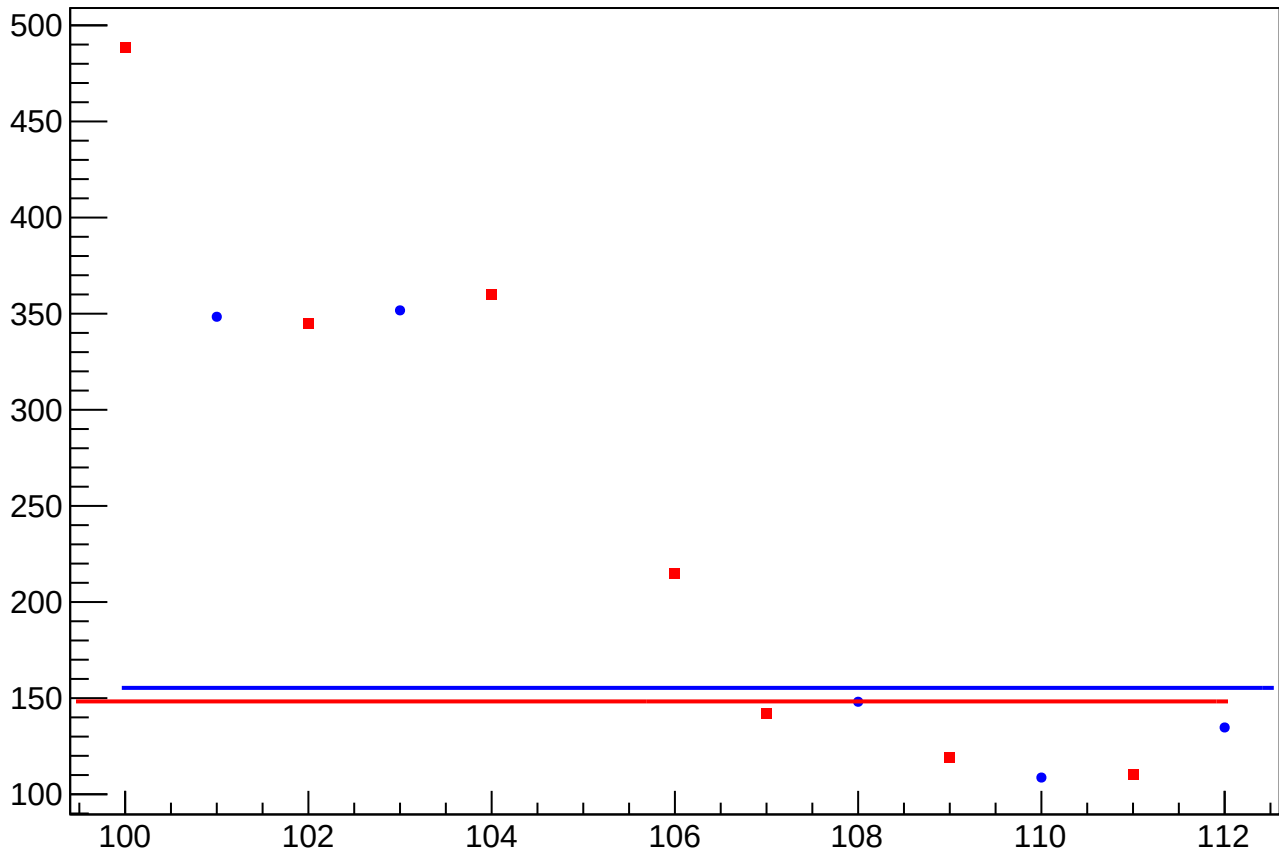
All: 164.868+/-0.058 χ^2/NDF : 1982637.6/11

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: 129778.037 $\pm$ 0.111 χ^2 /NDF: 99478299.5/4
 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: 130193.304 $\pm$ 0.075 χ^2 /NDF: 317929814.0/1
 In: 129778.037 $\pm$ 0.111 χ^2 /NDF: 99478299.5/4
 Right Out: 130542.059 $\pm$ 0.101 χ^2 /NDF: 192506863.6/6
 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: 130193.304 $\pm$ 0.075 χ^2 /NDF: 317929814.0/1

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 155.348+/-0.078 χ^2/NDF : 930325.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148.301+/-0.072 χ^2/NDF : 1063312.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

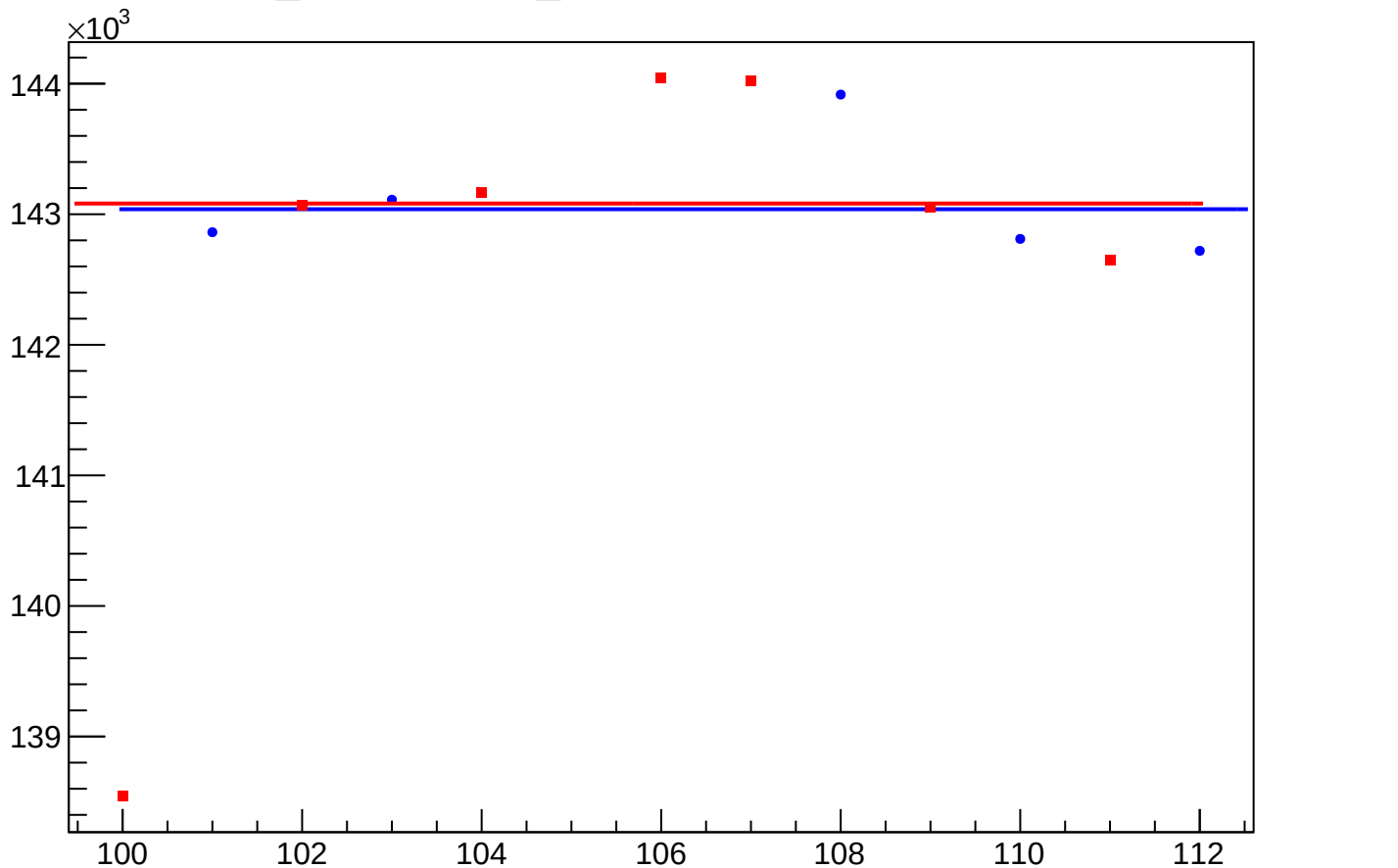
Right: 151.518+/-0.053 χ^2/NDF : 1998051.5/11

In: 155.348+/-0.078 χ^2/NDF : 930325.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.518+/-0.053 χ^2/NDF : 1998051.5/11

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 143062.591+/-0.080 χ^2 /NDF: 39847969.5/11

In: 143038.481+/-0.120 χ^2 /NDF: 15049415.8/4

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 143062.591+/-0.080 χ^2 /NDF: 39847969.5/11

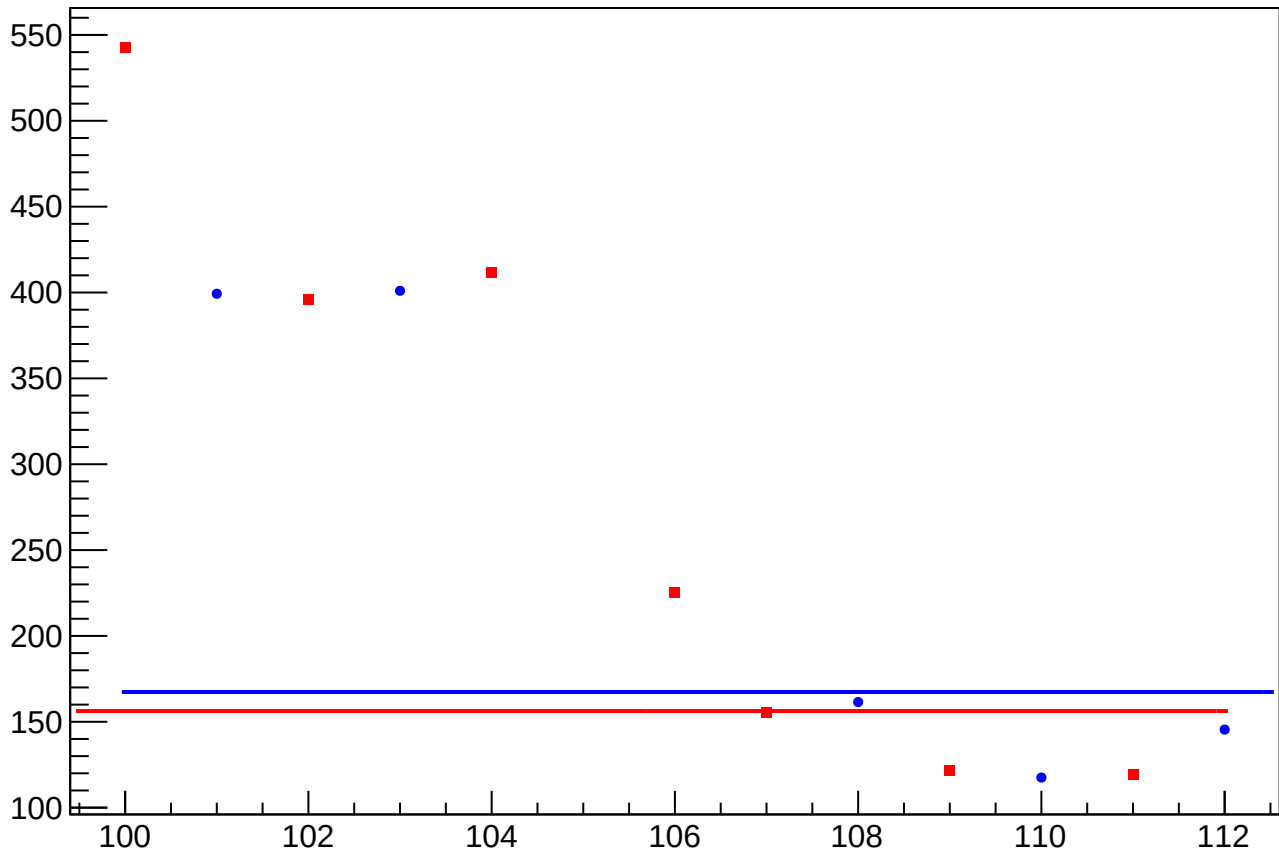
Right In: 143038.481+/-0.120 χ^2 /NDF: 15049415.8/4

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 143082.049+/-0.108 χ^2 /NDF: 24725509.5/6

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 167.354+/-0.085 χ^2/NDF : 1002213.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.246+/-0.076 χ^2/NDF : 1161566.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

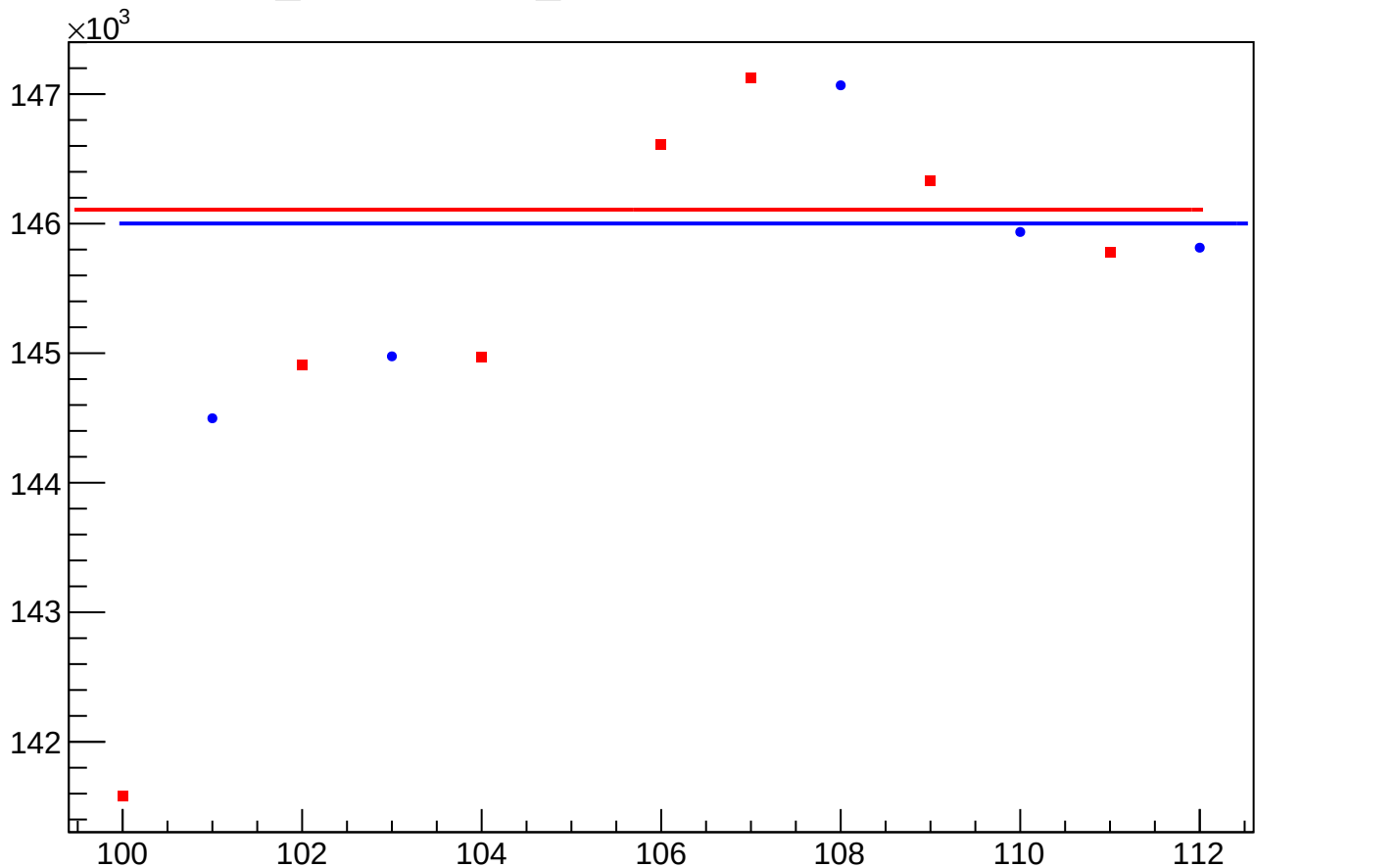
Right: 161.207+/-0.057 χ^2/NDF : 2173275.7/11

In: 167.354+/-0.085 χ^2/NDF : 1002213.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

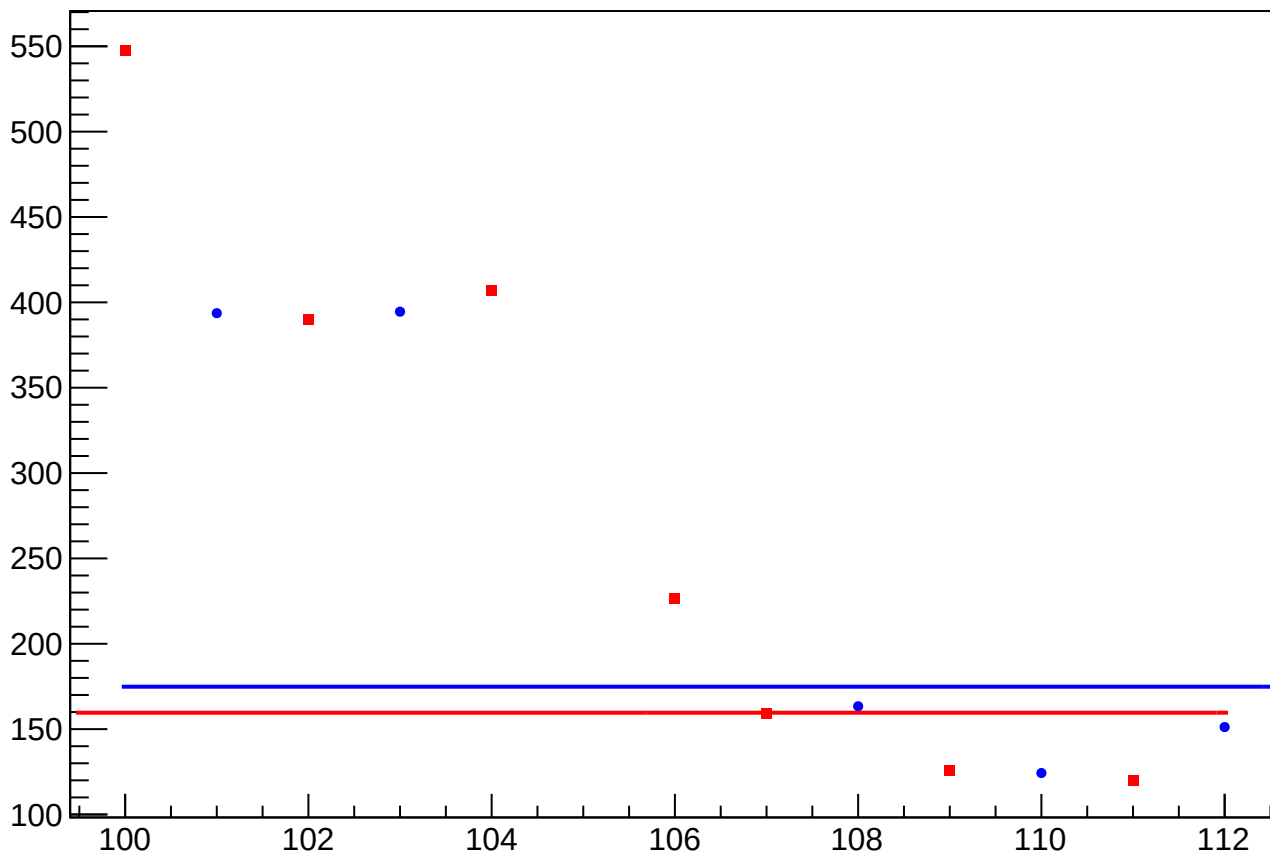
All: 161.207+/-0.057 χ^2/NDF : 2173275.7/11

yield_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: 146001.080 ± 0.124 $\chi^2/\text{NDF}: 30926965.1/4$ Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$ Right: 146061.274 ± 0.082 $\chi^2/\text{NDF}: 62442156.1/11$
 Right Out: 146108.024 ± 0.109 $\chi^2/\text{NDF}: 31097784.5/6$ In: 146001.080 ± 0.124 $\chi^2/\text{NDF}: 30926965.1/4$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$ Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 146061.274 ± 0.082 $\chi^2/\text{NDF}: 62442156.1/11$

yield_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 174.859+/-0.088 χ^2/NDF : 922279.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 159.626+/-0.077 χ^2/NDF : 1123550.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

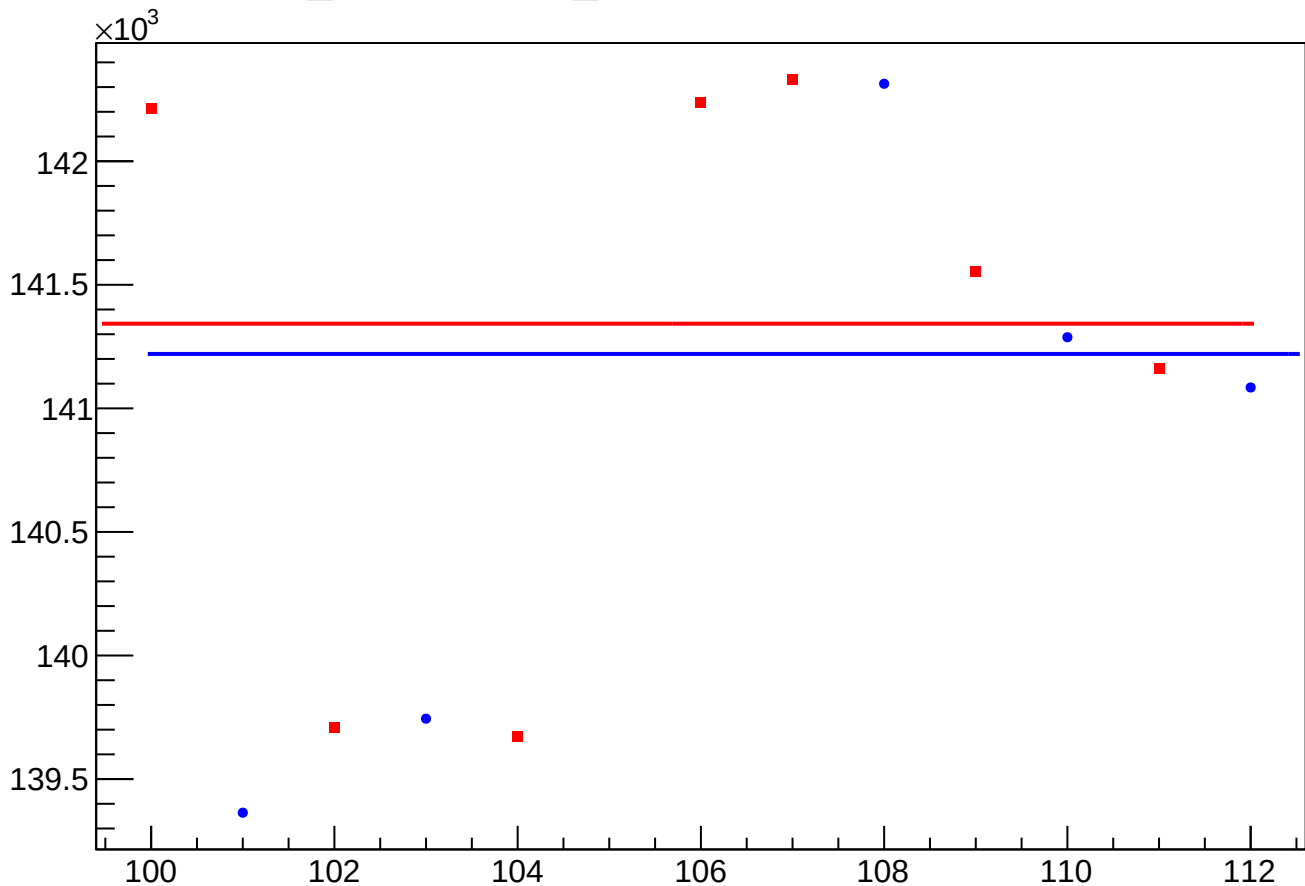
Right: 166.285+/-0.058 χ^2/NDF : 2062766.1/11

In: 174.859+/-0.088 χ^2/NDF : 922279.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

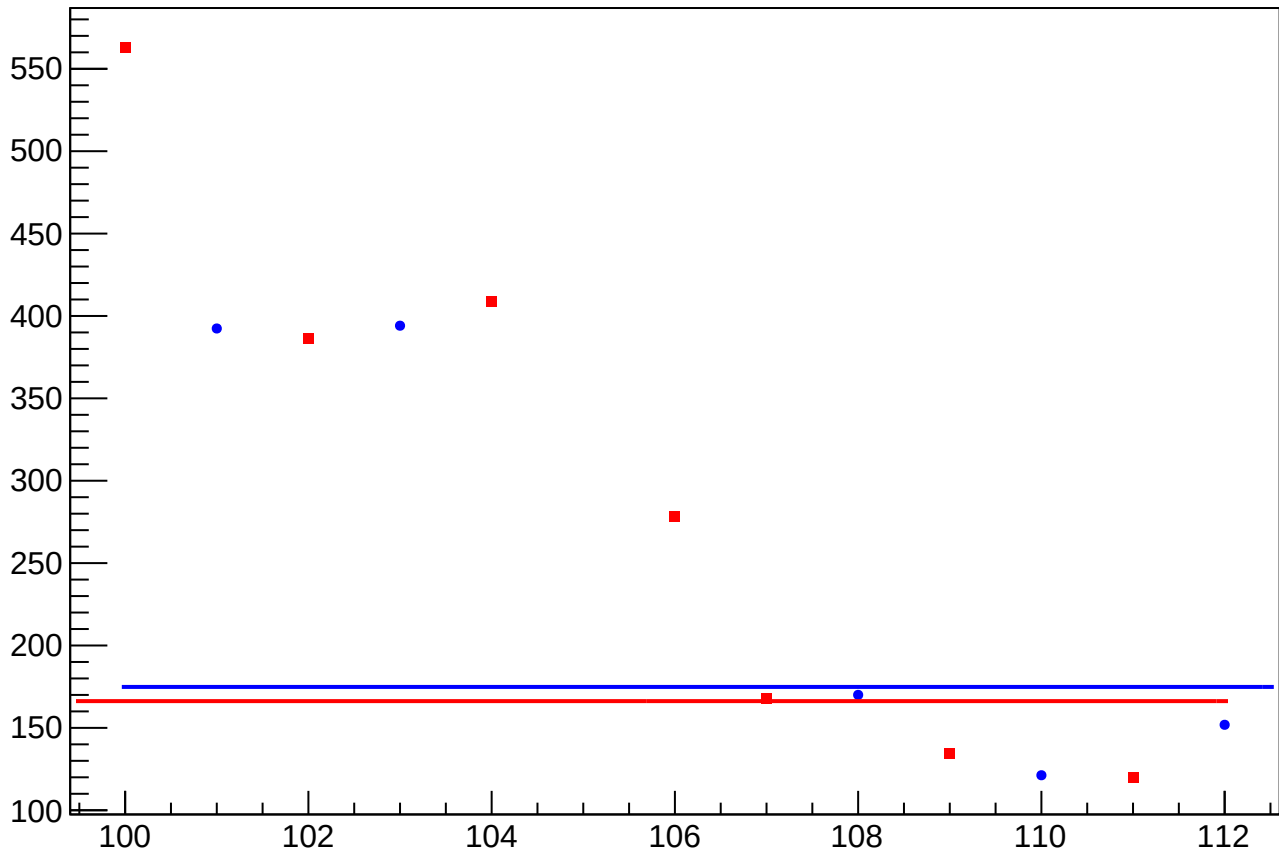
All: 166.285+/-0.058 χ^2/NDF : 2062766.1/11

yield_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 141220.211 $\pm$ 0.125 χ^2 /NDF: 39619823.5/4
 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: 141286.612 $\pm$ 0.084 χ^2 /NDF: 73977814.3/11
 Right Out: 141342.605 $\pm$ 0.114 χ^2 /NDF: 33833734.5/6
 In: 141220.211 $\pm$ 0.125 χ^2 /NDF: 39619823.5/4
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 141286.612 $\pm$ 0.084 χ^2 /NDF: 73977814.3/11

yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 174.855+/-0.088 χ^2/NDF : 934527.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 166.242+/-0.081 χ^2/NDF : 1130890.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

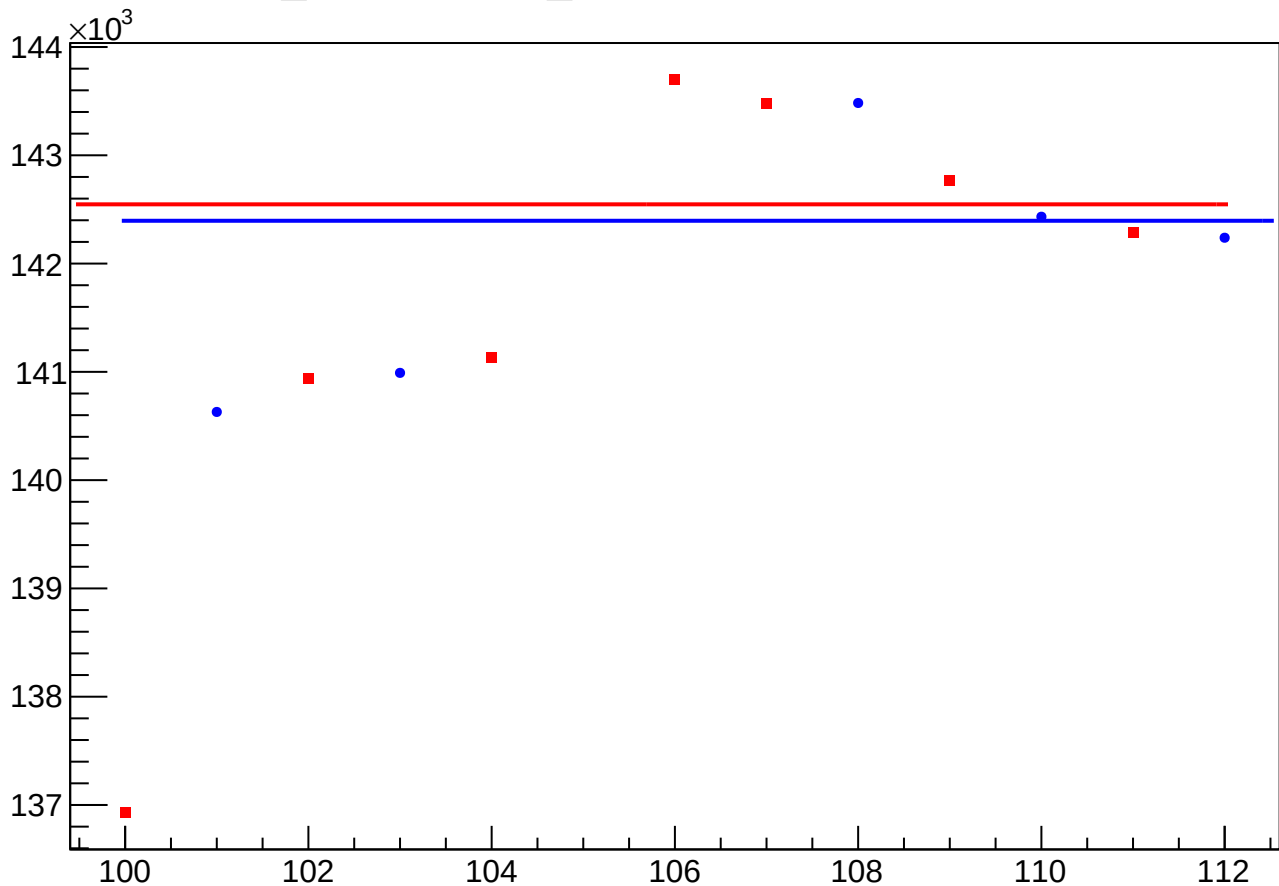
Right: 170.182+/-0.060 χ^2/NDF : 2070611.4/11

In: 174.855+/-0.088 χ^2/NDF : 934527.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.182+/-0.060 χ^2/NDF : 2070611.4/11

yield_bpm0l10WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 142395.295+/-0.124 χ^2 /NDF: 37610188.6/4

Right: 142478.962+/-0.083 χ^2 /NDF: 81594206.6/11

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 142547.088+/-0.112 χ^2 /NDF: 43163112.3/6

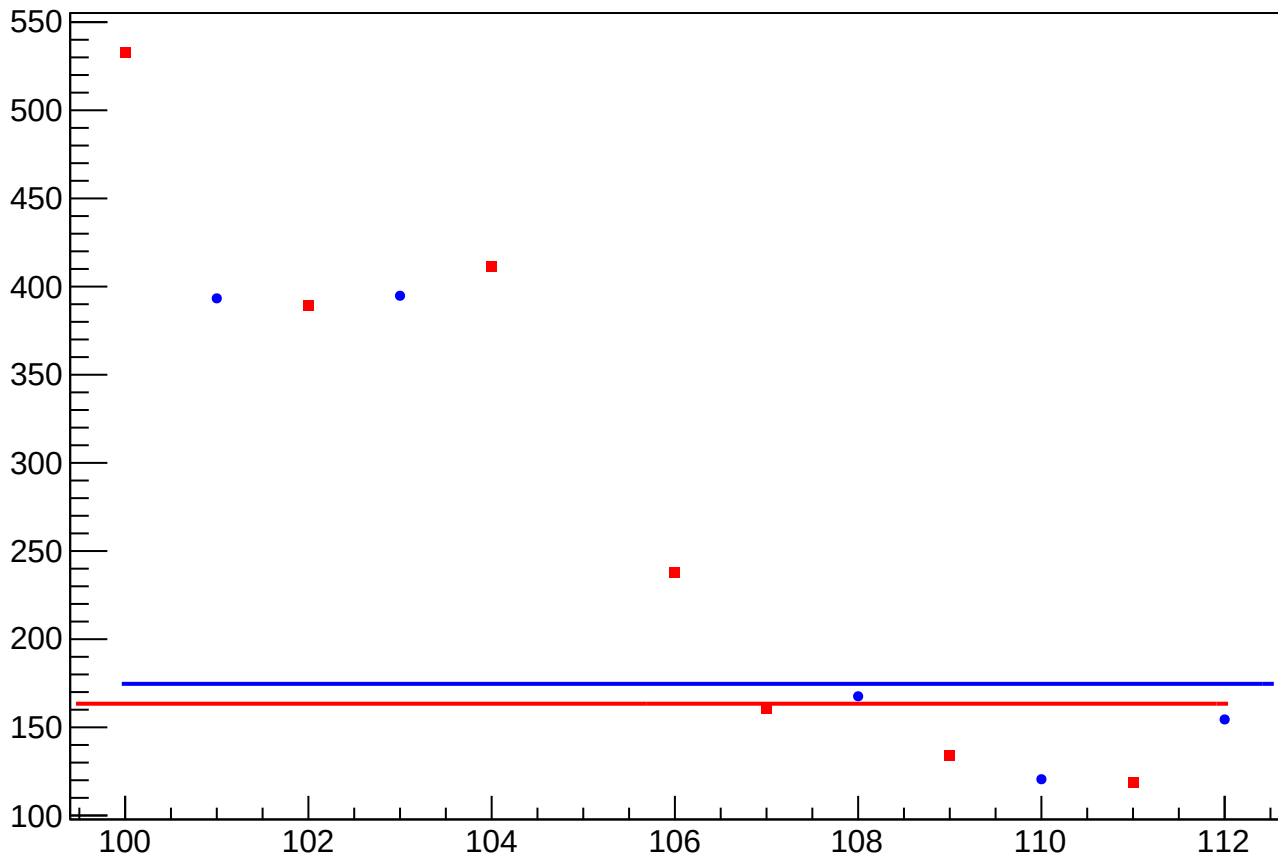
In: 142395.295+/-0.124 χ^2 /NDF: 37610188.6/4

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 142478.962+/-0.083 χ^2 /NDF: 81594206.6/11

yield_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 174.670+/-0.088 χ^2/NDF : 939200.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 163.401+/-0.079 χ^2/NDF : 1102792.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

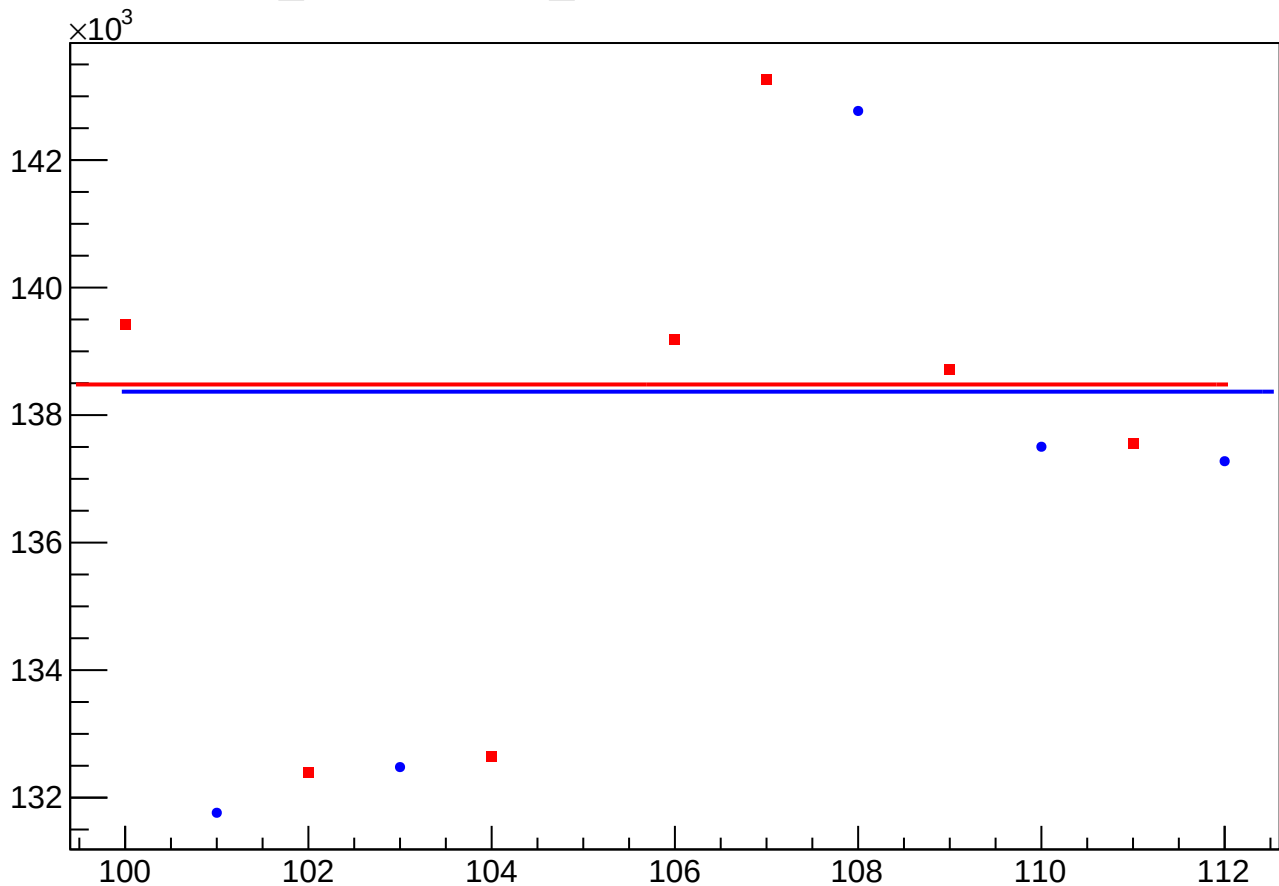
Right: 168.459+/-0.059 χ^2/NDF : 2051042.2/11

In: 174.670+/-0.088 χ^2/NDF : 939200.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

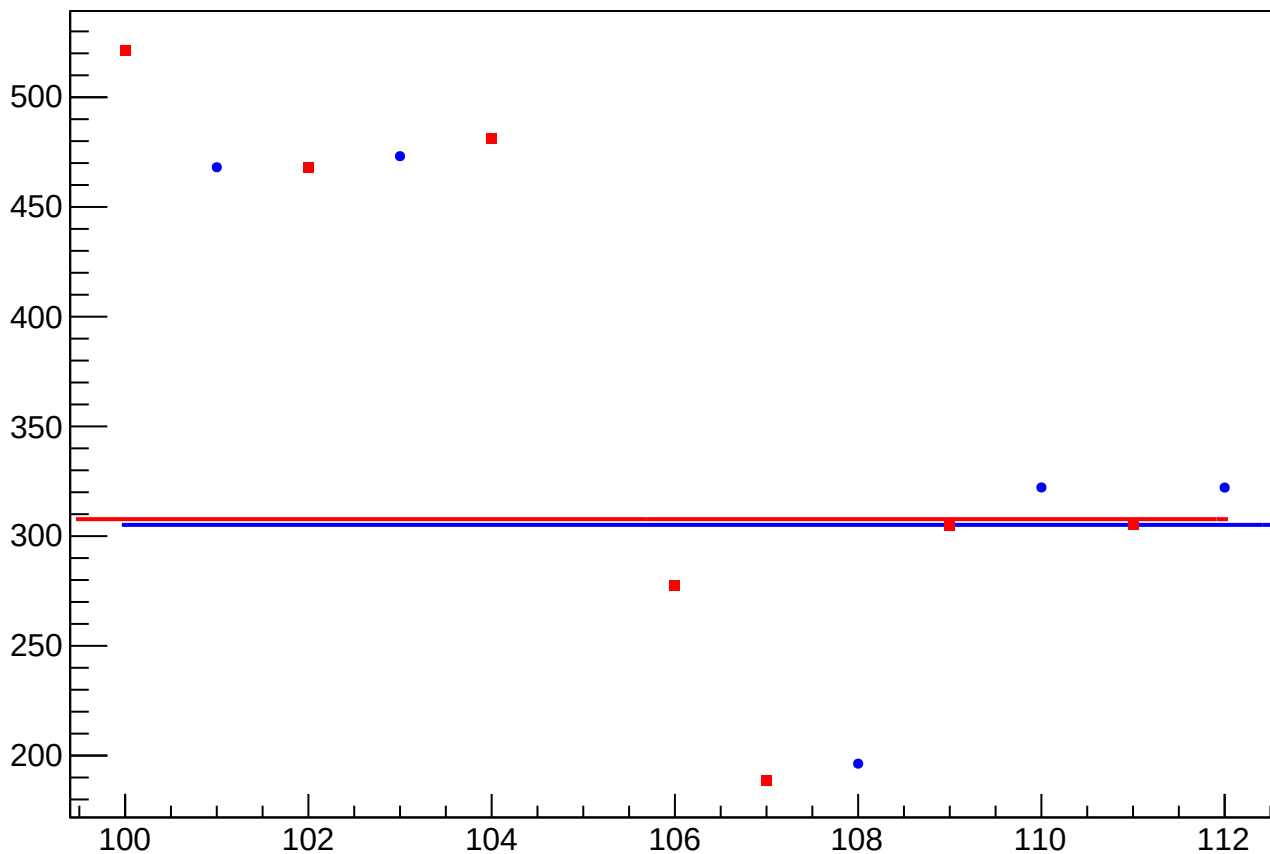
All: 168.459+/-0.059 χ^2/NDF : 2051042.2/11

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: 138367.546 $\pm$ 0.206 χ^2 /NDF: 423110477.6/4
 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: 138426.292 $\pm$ 0.142 χ^2 /NDF: 759547734.8/1
 Right Out: 138480.364 $\pm$ 0.197 χ^2 /NDF: 336280824.5/6
 In: 138367.546 $\pm$ 0.206 χ^2 /NDF: 423110477.6/4
 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: 138426.292 $\pm$ 0.142 χ^2 /NDF: 759547734.8/1

yield_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 305.129+/-0.146 χ^2/NDF : 549337.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 307.740+/-0.140 χ^2/NDF : 494251.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

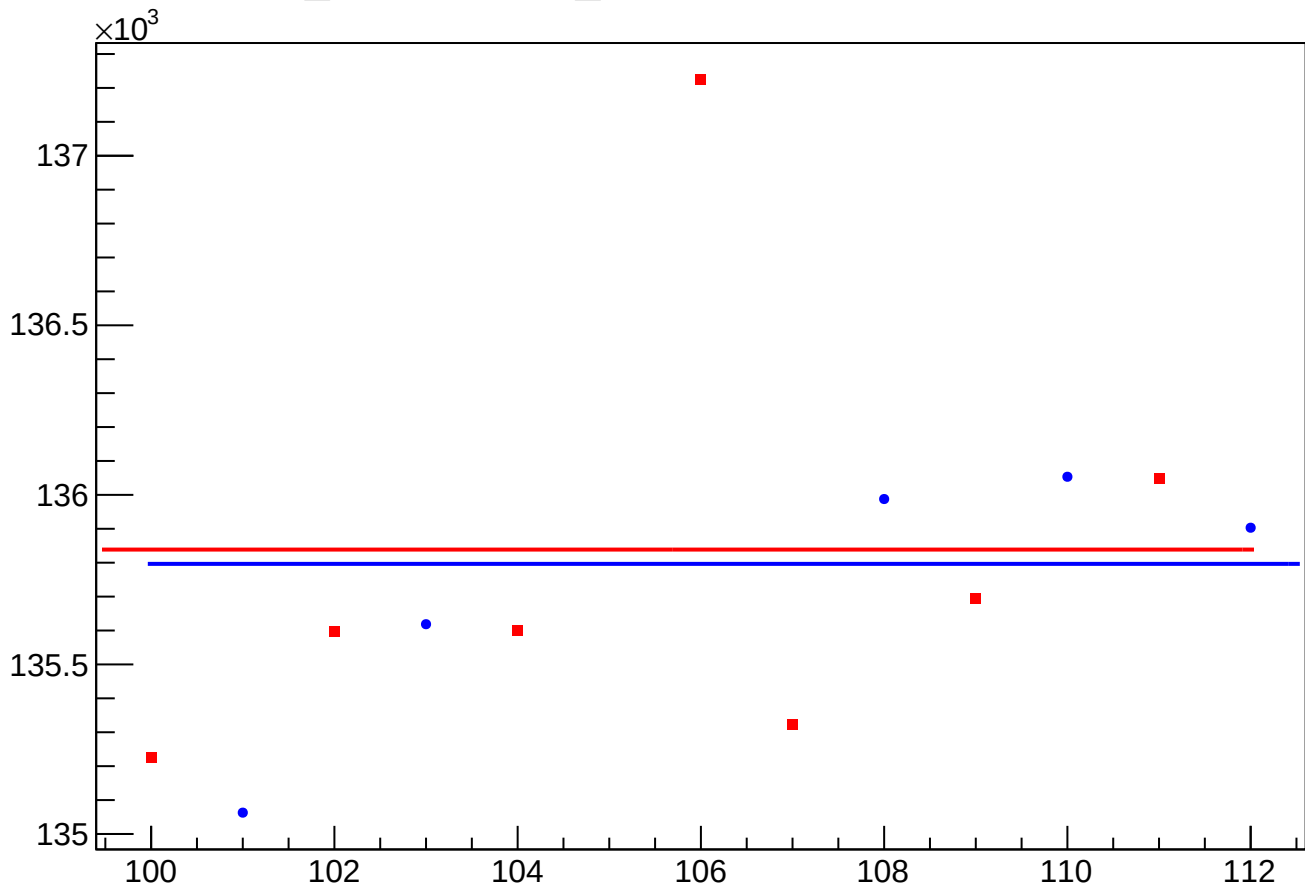
Right: 306.489+/-0.101 χ^2/NDF : 1043756.2/11

In: 305.129+/-0.146 χ^2/NDF : 549337.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 306.489+/-0.101 χ^2/NDF : 1043756.2/11

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 135796.514 $\pm$ 0.174 χ^2 /NDF: 3609093.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 135838.678 $\pm$ 0.159 χ^2 /NDF: 4899594.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

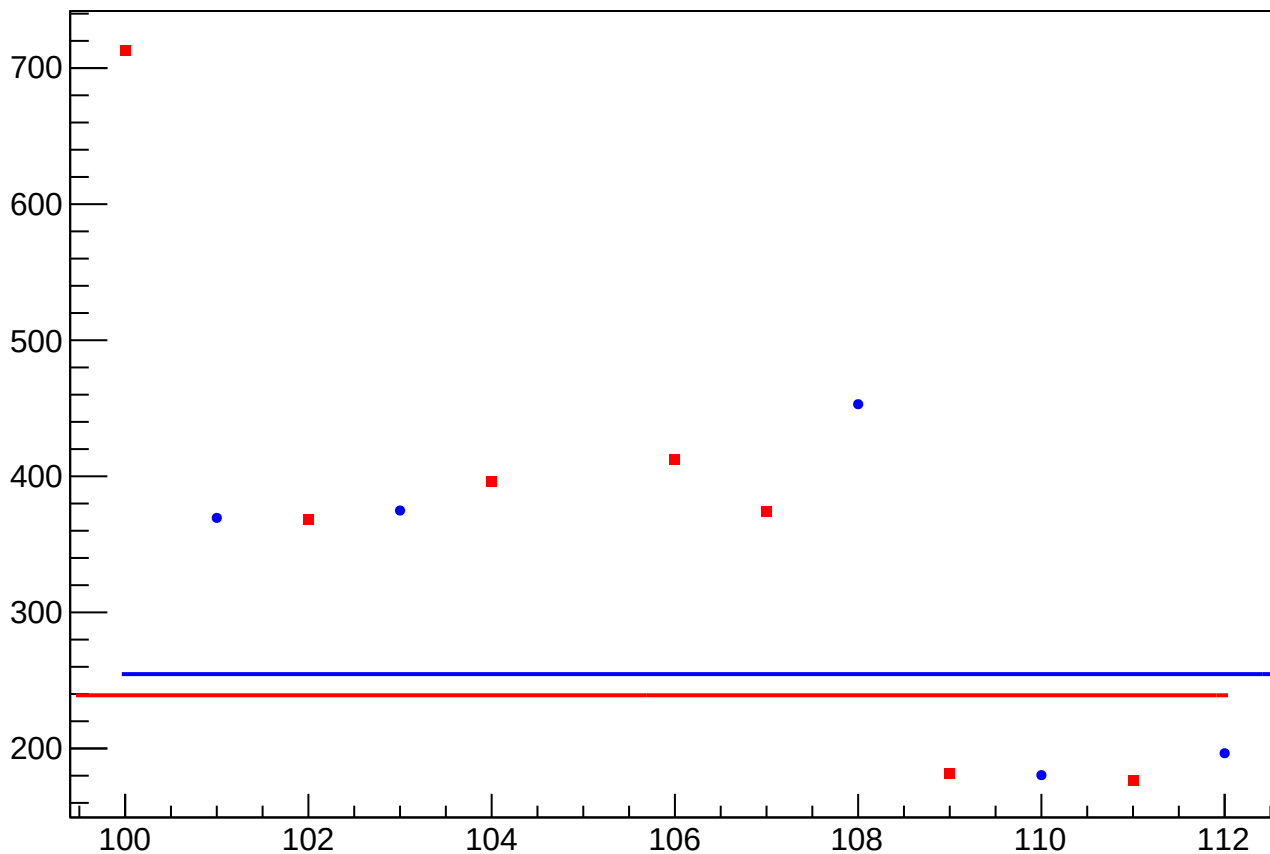
Right: 135819.498 $\pm$ 0.117 χ^2 /NDF: 8540652.4/11

In: 135796.514 $\pm$ 0.174 χ^2 /NDF:3609093.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 135819.498 $\pm$ 0.117 χ^2 /NDF: 8540652.4

yield_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 254.639+/-0.123 χ^2/NDF : 594511.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 239.085+/-0.112 χ^2/NDF : 738148.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

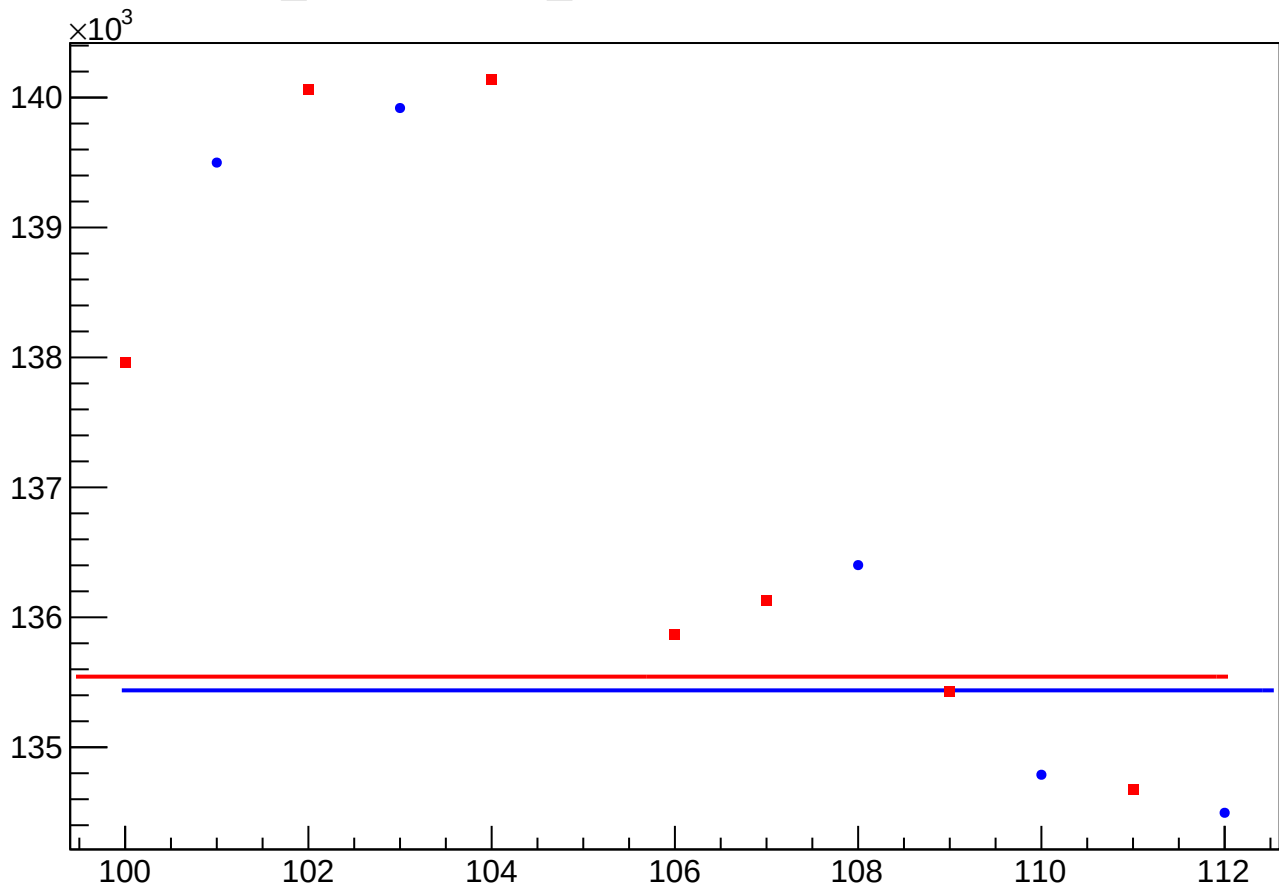
Right: 246.161+/-0.083 χ^2/NDF : 1341359.2/11

In: 254.639+/-0.123 χ^2/NDF : 594511.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 246.161+/-0.083 χ^2/NDF : 1341359.2/11

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 135437.824+/-0.093 χ^2 /NDF: 237514938.2/4

Right: 135492.728+/-0.065 χ^2 /NDF: 441501281.7/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 135543.494+/-0.090 χ^2 /NDF: 203318718.9/6

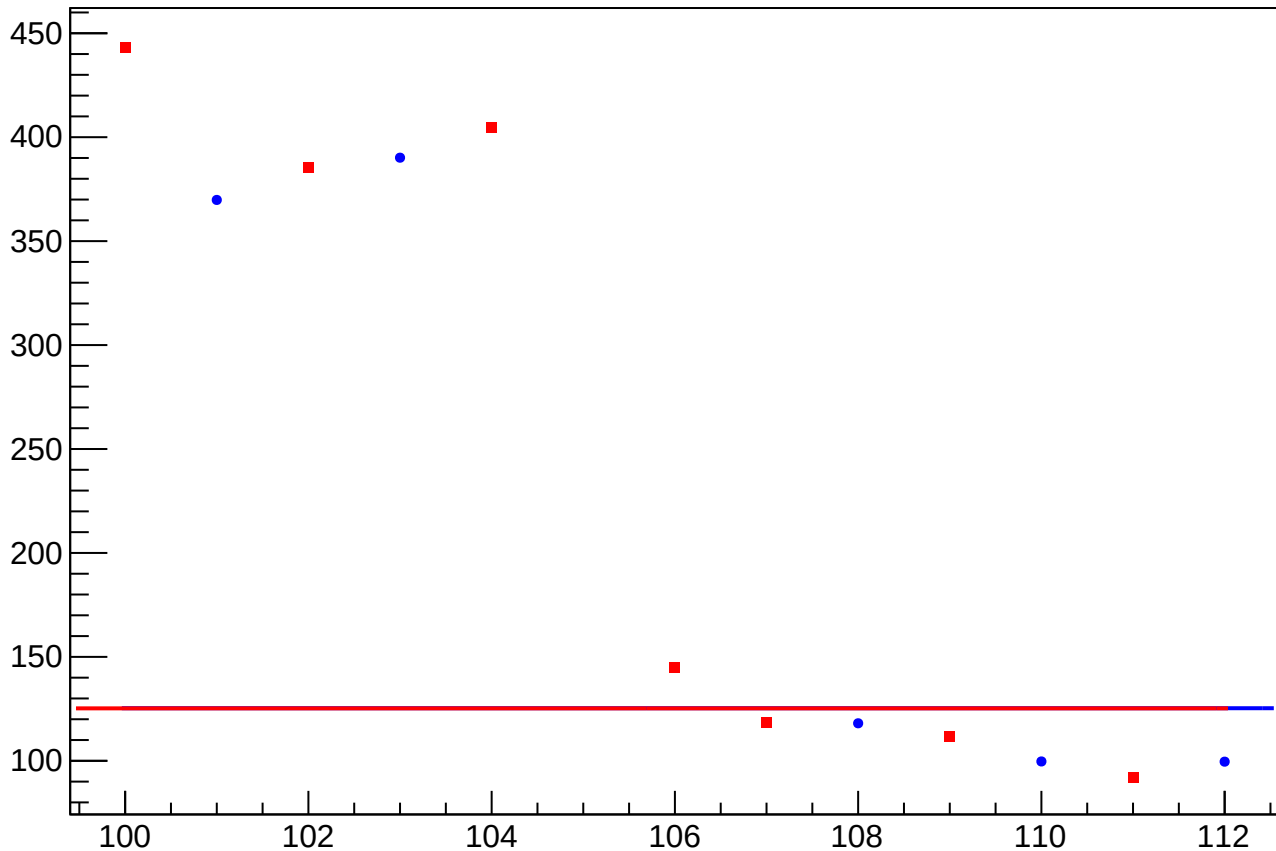
In: 135437.824+/-0.093 χ^2 /NDF: 237514938.2/4

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 135492.728+/-0.065 χ^2 /NDF: 441501281.7/1

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 125.305+/-0.066 χ^2/NDF : 1235600.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.236+/-0.063 χ^2/NDF : 1293449.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

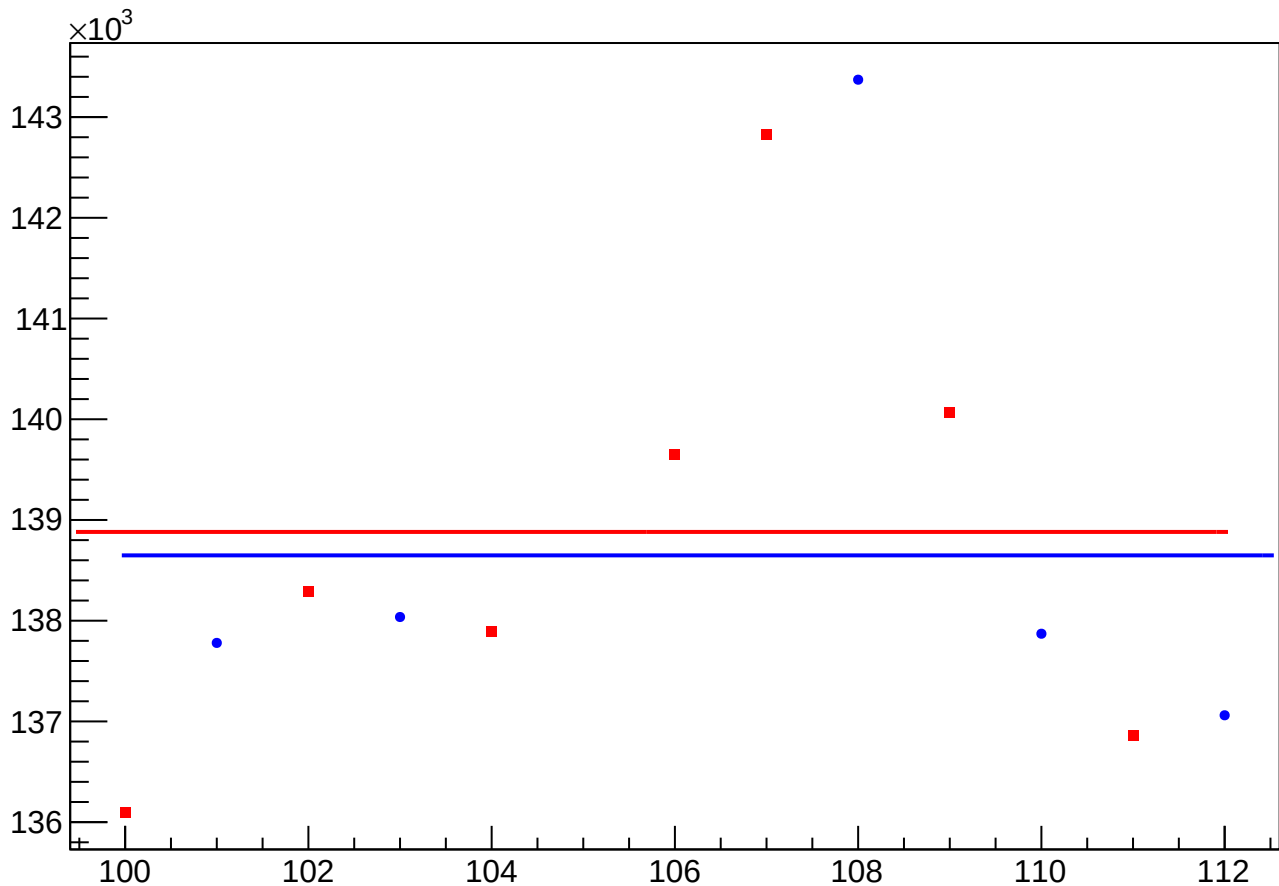
Right: 125.269+/-0.046 χ^2/NDF : 2529050.1/11

In: 125.305+/-0.066 χ^2/NDF : 1235600.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.269+/-0.046 χ^2/NDF : 2529050.1/11

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 138648.590+/-0.117 χ^2 /NDF: 391977411.2/4

Right: 138772.993+/-0.080 χ^2 /NDF: 717489253.7/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 138881.344+/-0.109 χ^2 /NDF: 323383490.6/6

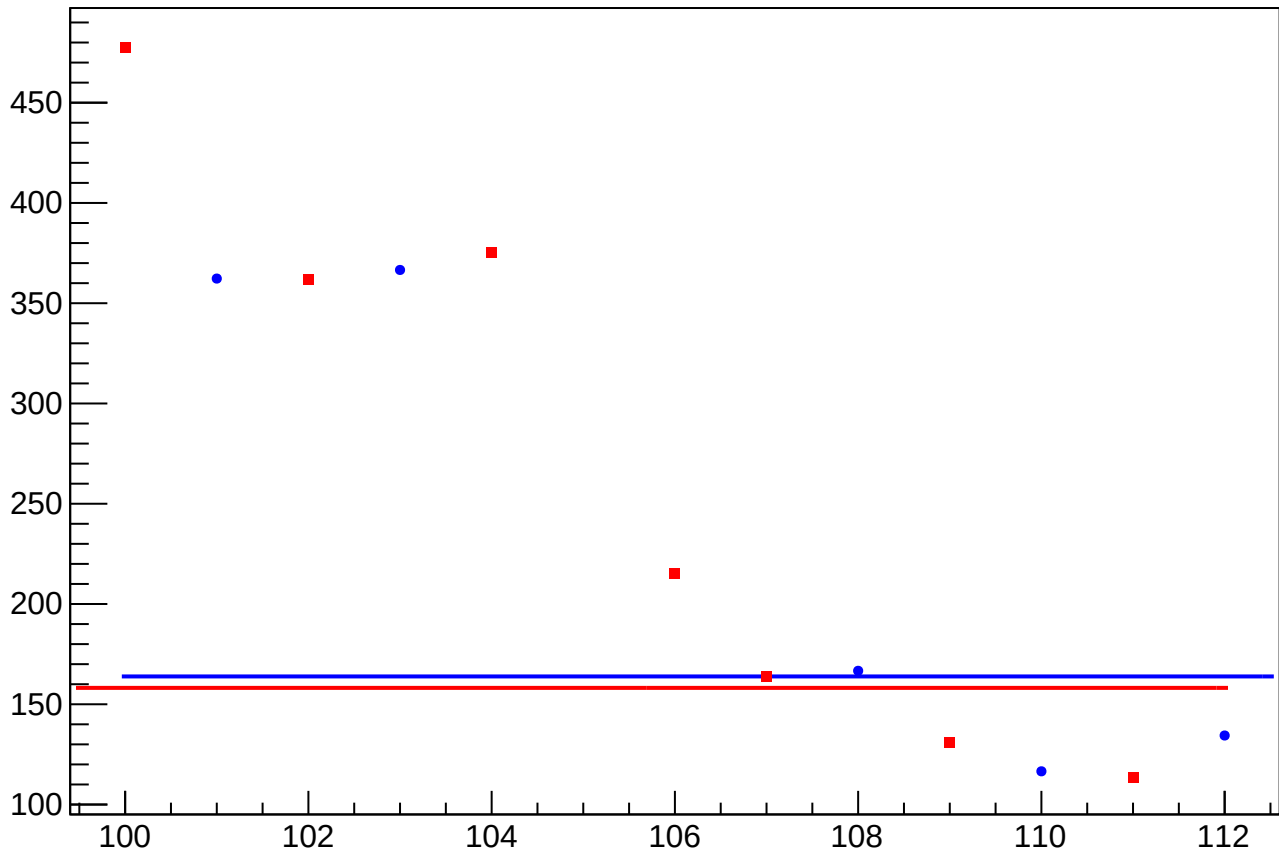
In: 138648.590+/-0.117 χ^2 /NDF: 391977411.2/4

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 138772.993+/-0.080 χ^2 /NDF: 717489253.7/1

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 163.879+/-0.082 χ^2/NDF : 920652.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.175+/-0.077 χ^2/NDF : 1028860.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

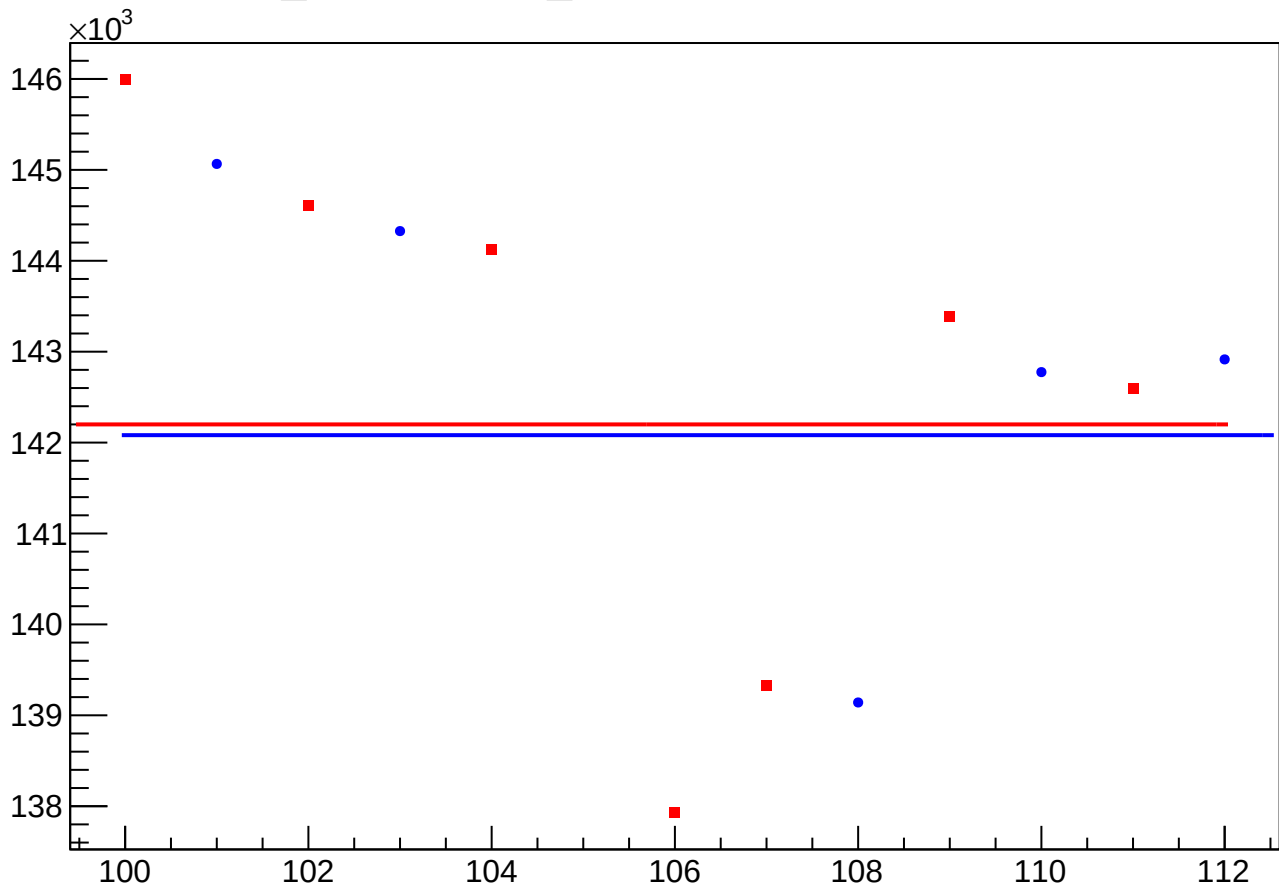
Right: 160.830+/-0.056 χ^2/NDF : 1952069.4/11

In: 163.879+/-0.082 χ^2/NDF : 920652.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.830+/-0.056 χ^2/NDF : 1952069.4/11

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 142081.761+/-0.125 χ^2 /NDF: 244459954.8/4

Right: 142147.494+/-0.083 χ^2 /NDF: 546849009.2/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 142199.974+/-0.112 χ^2 /NDF: 301892111.2/6

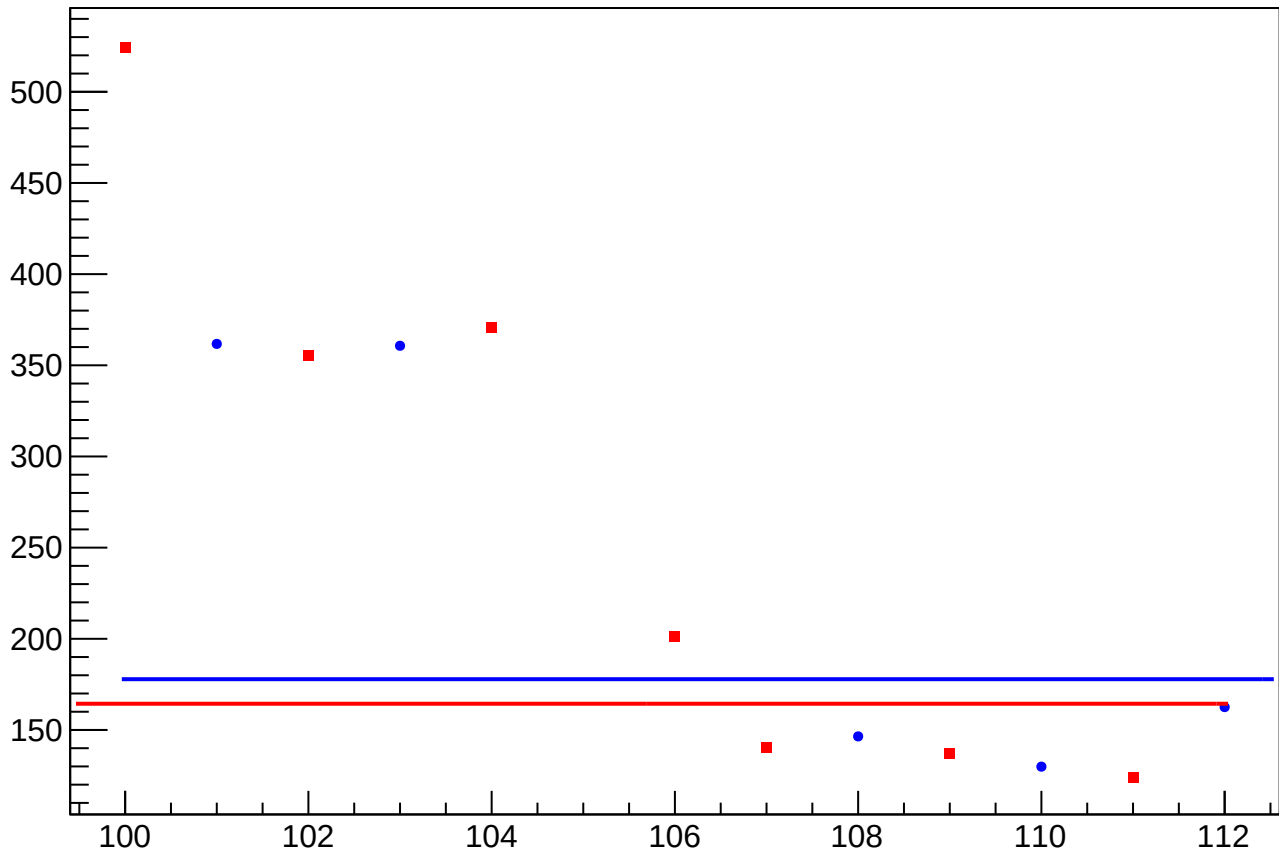
In: 142081.761+/-0.125 χ^2 /NDF: 244459954.8/4

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 142147.494+/-0.083 χ^2 /NDF: 546849009.2/1

yield_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 177.845 $\pm$ 0.088 χ^2 /NDF: 784535.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 164.389 $\pm$ 0.079 χ^2 /NDF: 920599.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

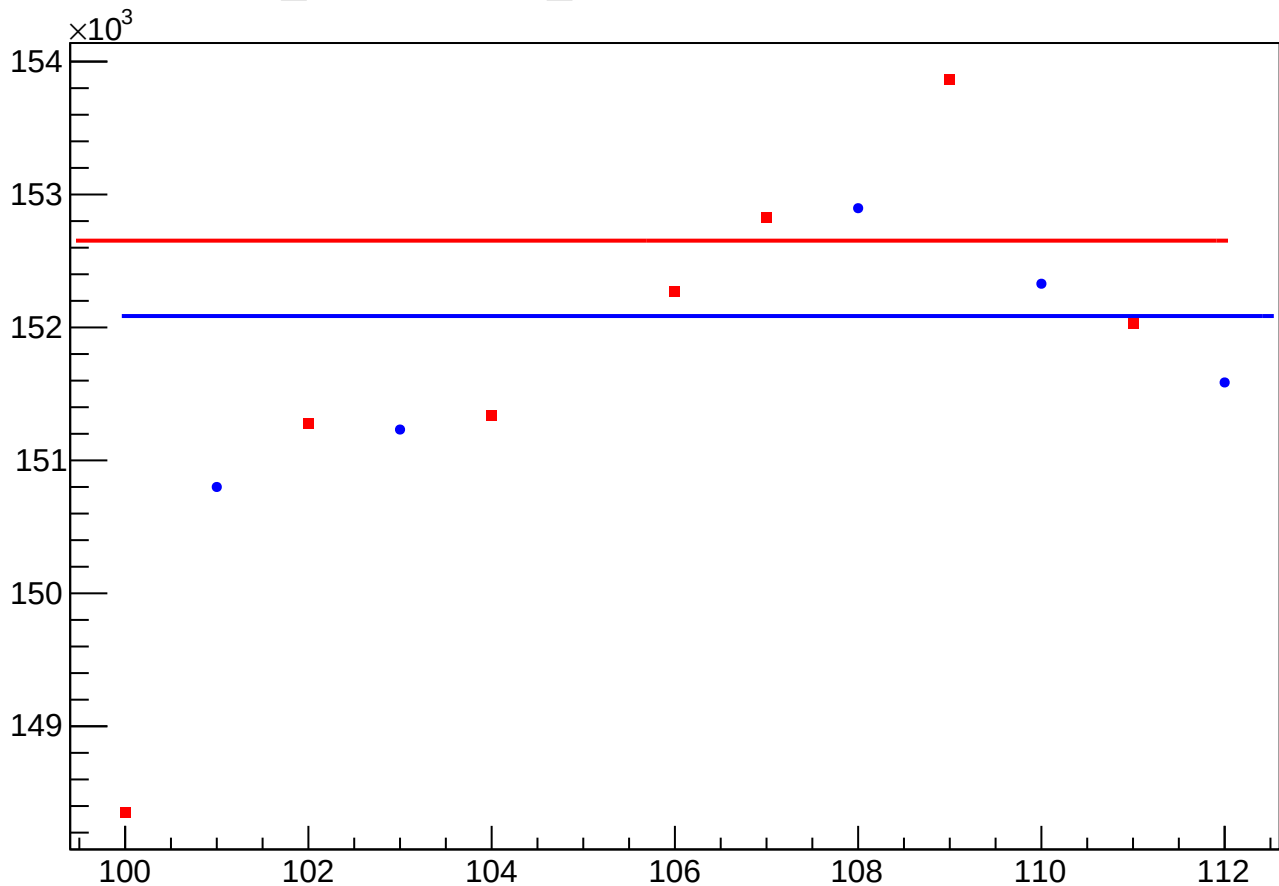
Right: 170.363 $\pm$ 0.059 χ^2 /NDF: 1718012.6/11

In: 177.845 $\pm$ 0.088 χ^2 /NDF:784535.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

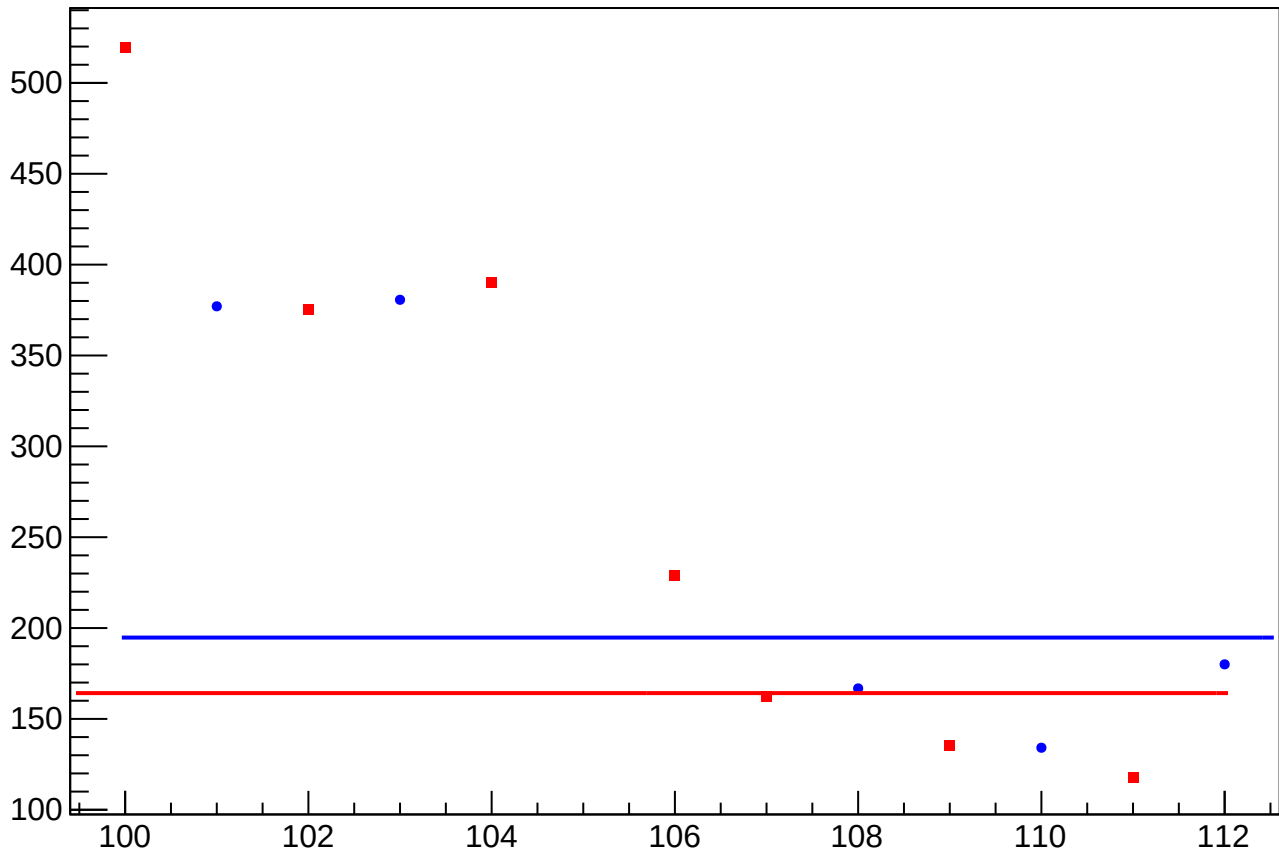
All: 170.363 $\pm$ 0.059 χ^2 /NDF: 1718012.6/11

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 152085.826 $\pm$ 0.139 χ^2 /NDF: 23859227.2/4
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 152652.924 $\pm$ 0.113 χ^2 /NDF: 69897077.7/6
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 152426.201 $\pm$ 0.088 χ^2 /NDF: 103801029.9/1
 In: 152085.826 $\pm$ 0.139 χ^2 /NDF:23859227.2/4
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 152426.201 $\pm$ 0.088 χ^2 /NDF: 103801029.9/1

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 194.763+/-0.098 χ^2/NDF : 748943.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 164.204+/-0.080 χ^2/NDF : 1038863.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

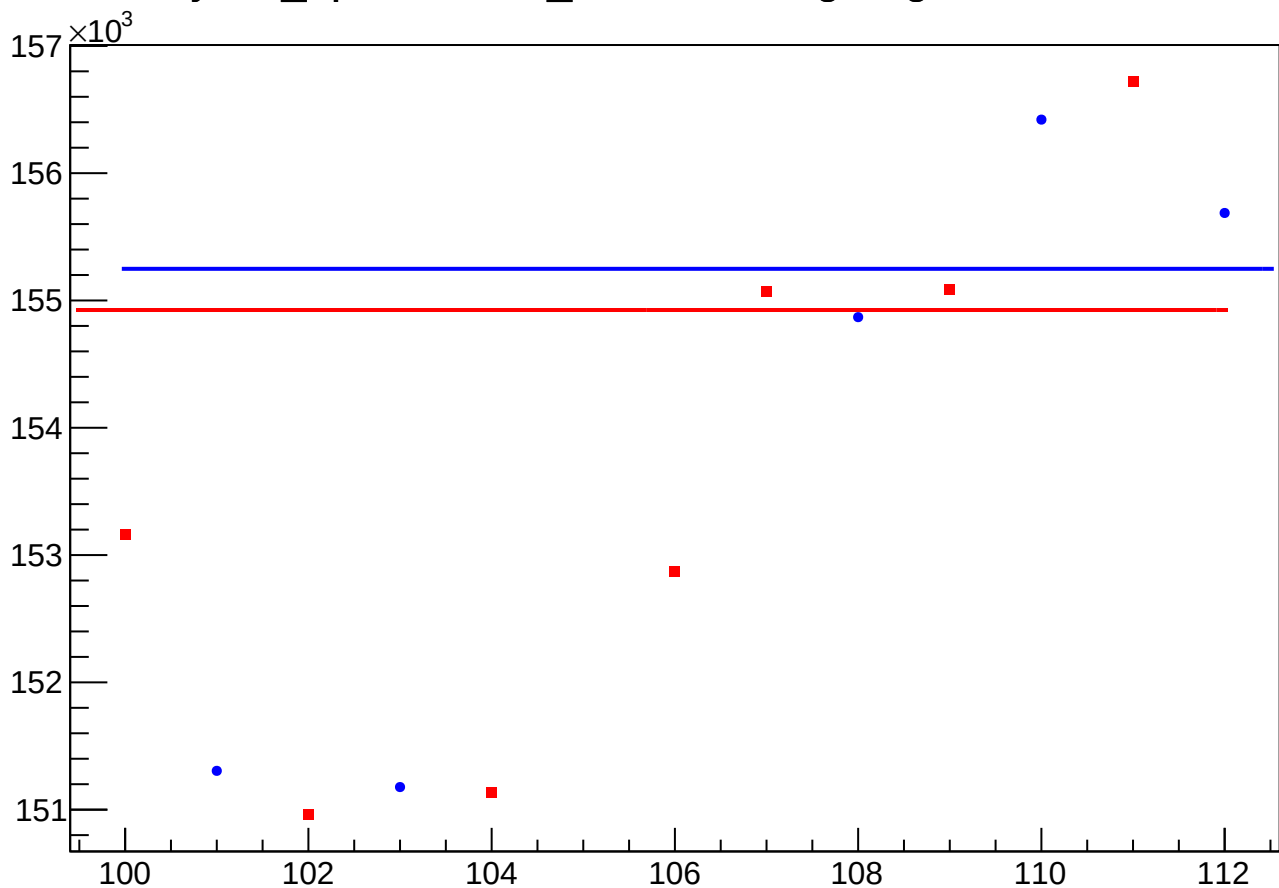
Right: 176.422+/-0.062 χ^2/NDF : 1846144.2/11

In: 194.763+/-0.098 χ^2/NDF : 748943.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

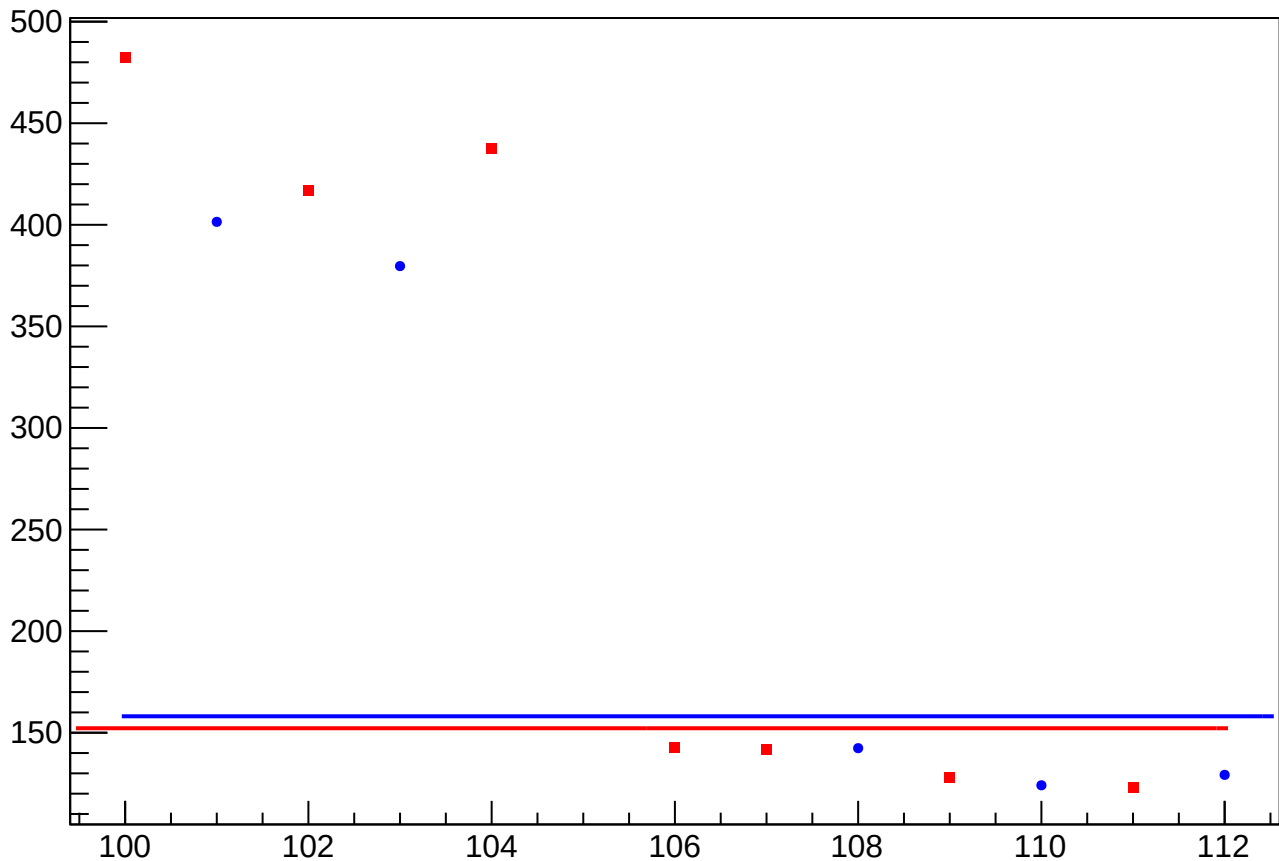
All: 176.422+/-0.062 χ^2/NDF : 1846144.2/11

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 155248.647+/-0.114 χ^2 /NDF: 168571473.3/4
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 155070.873+/-0.077 χ^2 /NDF: 430416059.7/1
 In: 155248.647+/-0.114 χ^2 /NDF: 168571473.3/4
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 155070.873+/-0.077 χ^2 /NDF: 430416059.7/1

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 158.089+/-0.081 χ^2/NDF : 975139.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.203+/-0.073 χ^2/NDF : 1121619.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

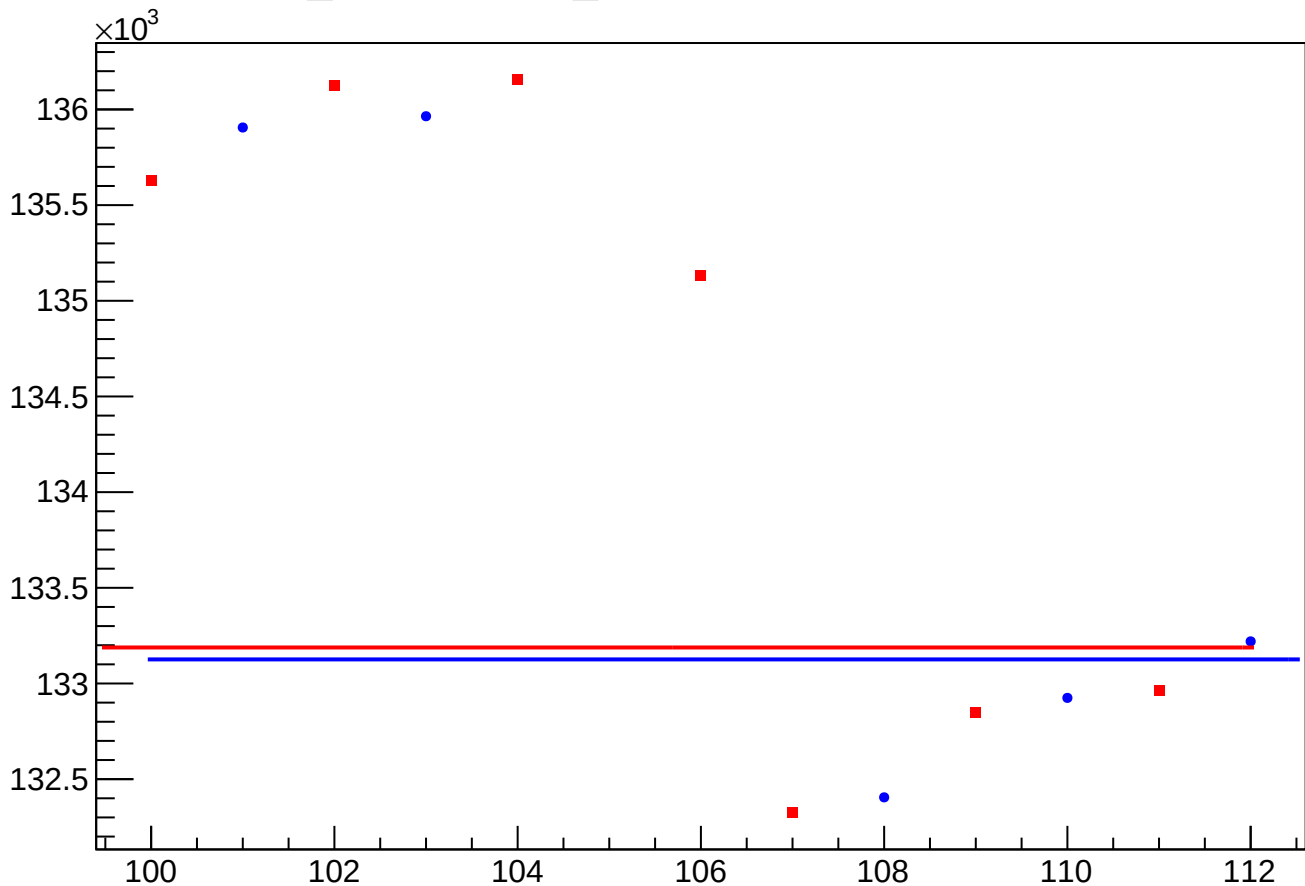
Right: 154.854+/-0.054 χ^2/NDF : 2099689.0/11

In: 158.089+/-0.081 χ^2/NDF : 975139.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

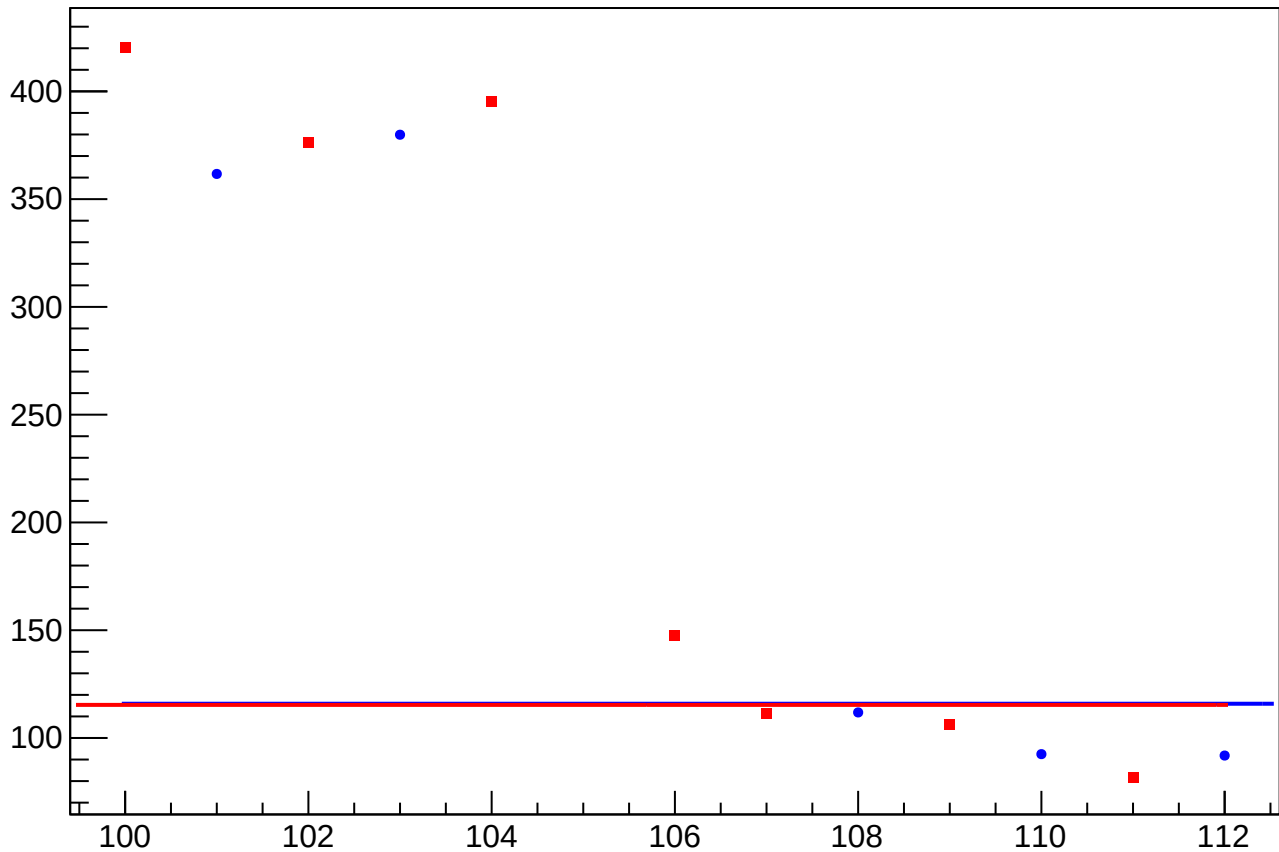
All: 154.854+/-0.054 χ^2/NDF : 2099689.0/11

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 133125.851 $\pm$ 0.087 χ^2 /NDF: 90628487.1/4
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 133188.165 $\pm$ 0.083 χ^2 /NDF: 136067287.4/6
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 133158.473 $\pm$ 0.060 χ^2 /NDF: 226966558.2/1
 In: 133125.851 $\pm$ 0.087 χ^2 /NDF:90628487.1/4
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 133158.473 $\pm$ 0.060 χ^2 /NDF: 226966558.2/1

yield_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 115.889+/-0.061 χ^2/NDF : 1295888.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.356+/-0.058 χ^2/NDF : 1392797.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

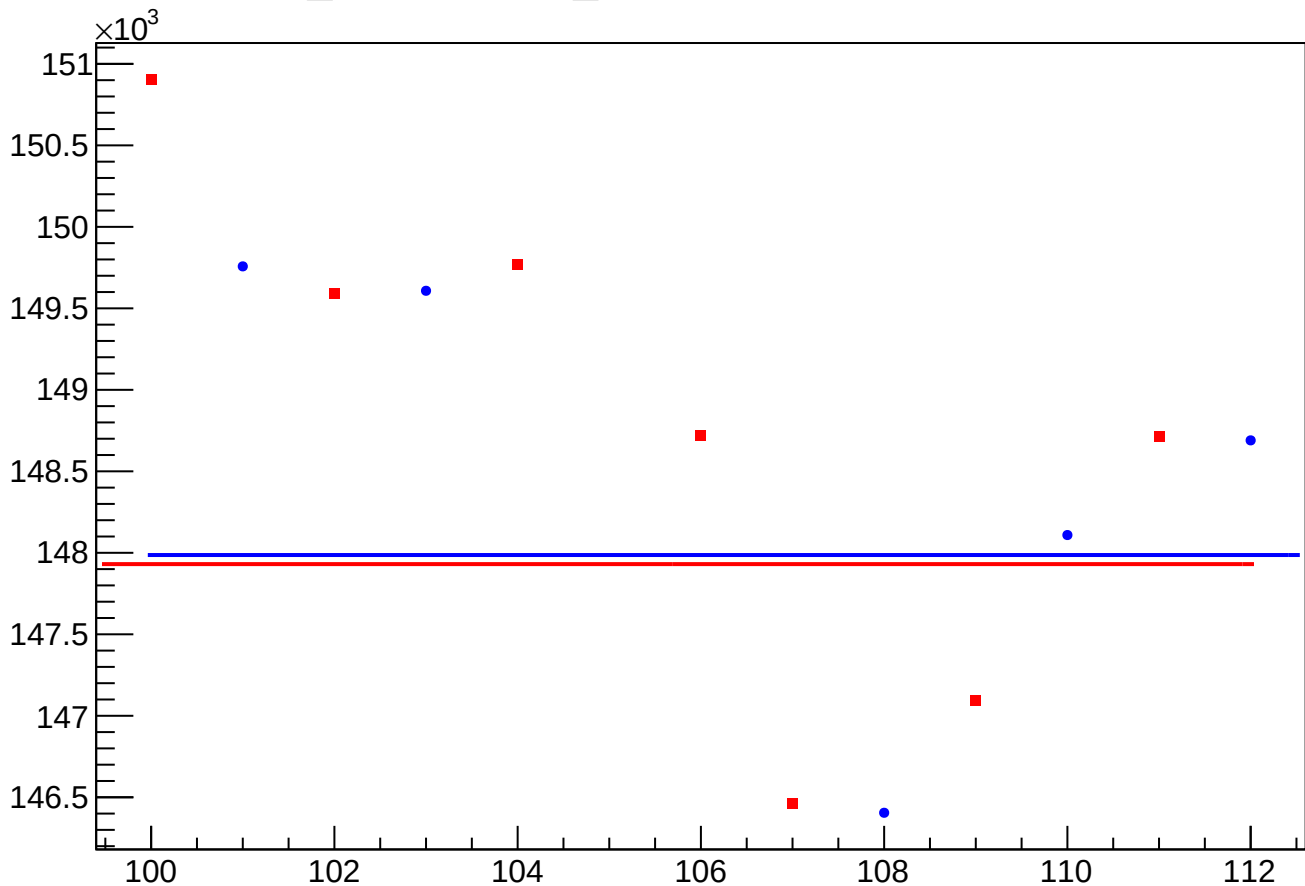
Right: 115.610+/-0.042 χ^2/NDF : 2688725.8/11

In: 115.889+/-0.061 χ^2/NDF : 1295888.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

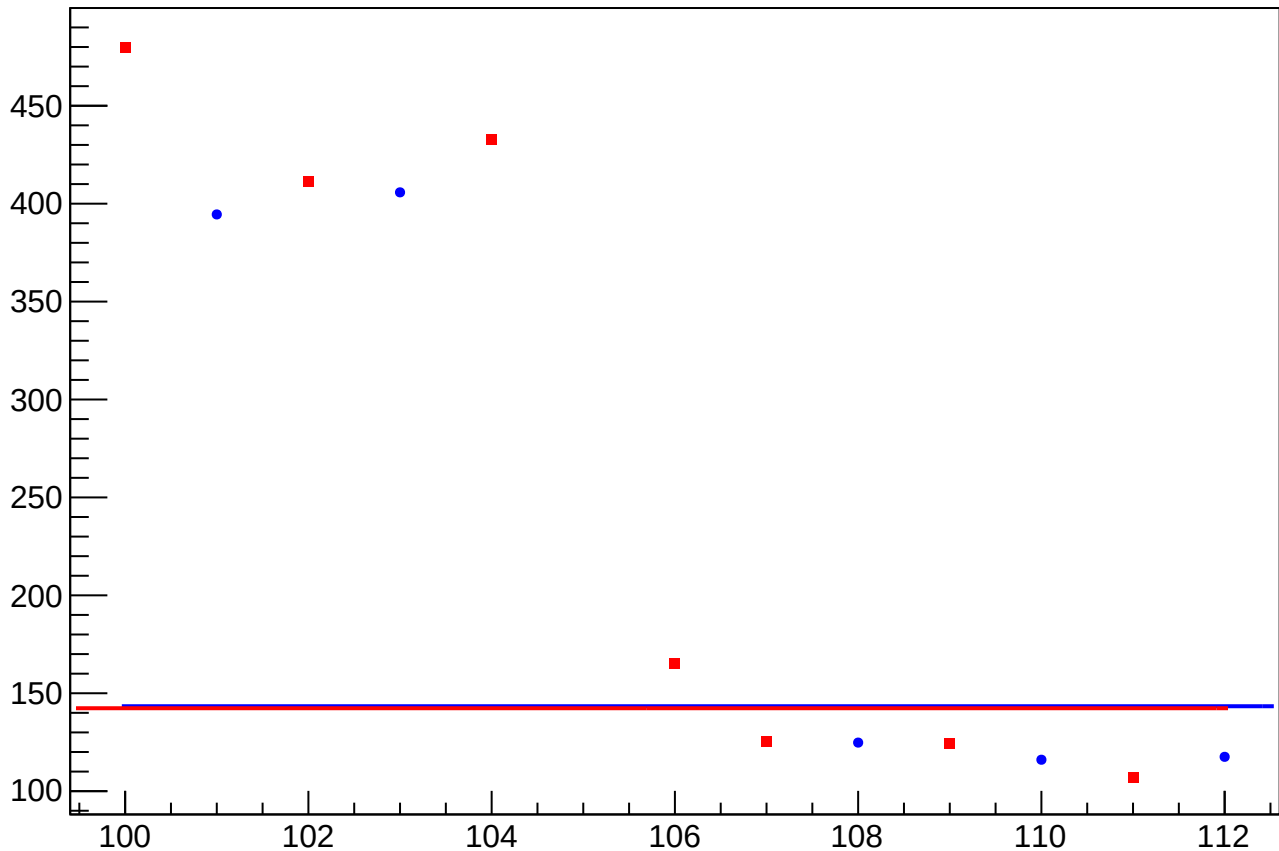
All: 115.610+/-0.042 χ^2/NDF : 2688725.8/11

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 147986.449 $\pm$ 0.105 χ^2 /NDF: 100434495.7/4
 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: 147956.903 $\pm$ 0.072 χ^2 /NDF: 208557038.5/1
 Right Out: 147930.687 $\pm$ 0.099 χ^2 /NDF: 107972444.1/6
 In: 147986.449 $\pm$ 0.105 χ^2 /NDF: 100434495.7/4
 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: 147956.903 $\pm$ 0.072 χ^2 /NDF: 208557038.5/1

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 143.371+/-0.074 χ^2/NDF : 1131559.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.349+/-0.070 χ^2/NDF : 1227194.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

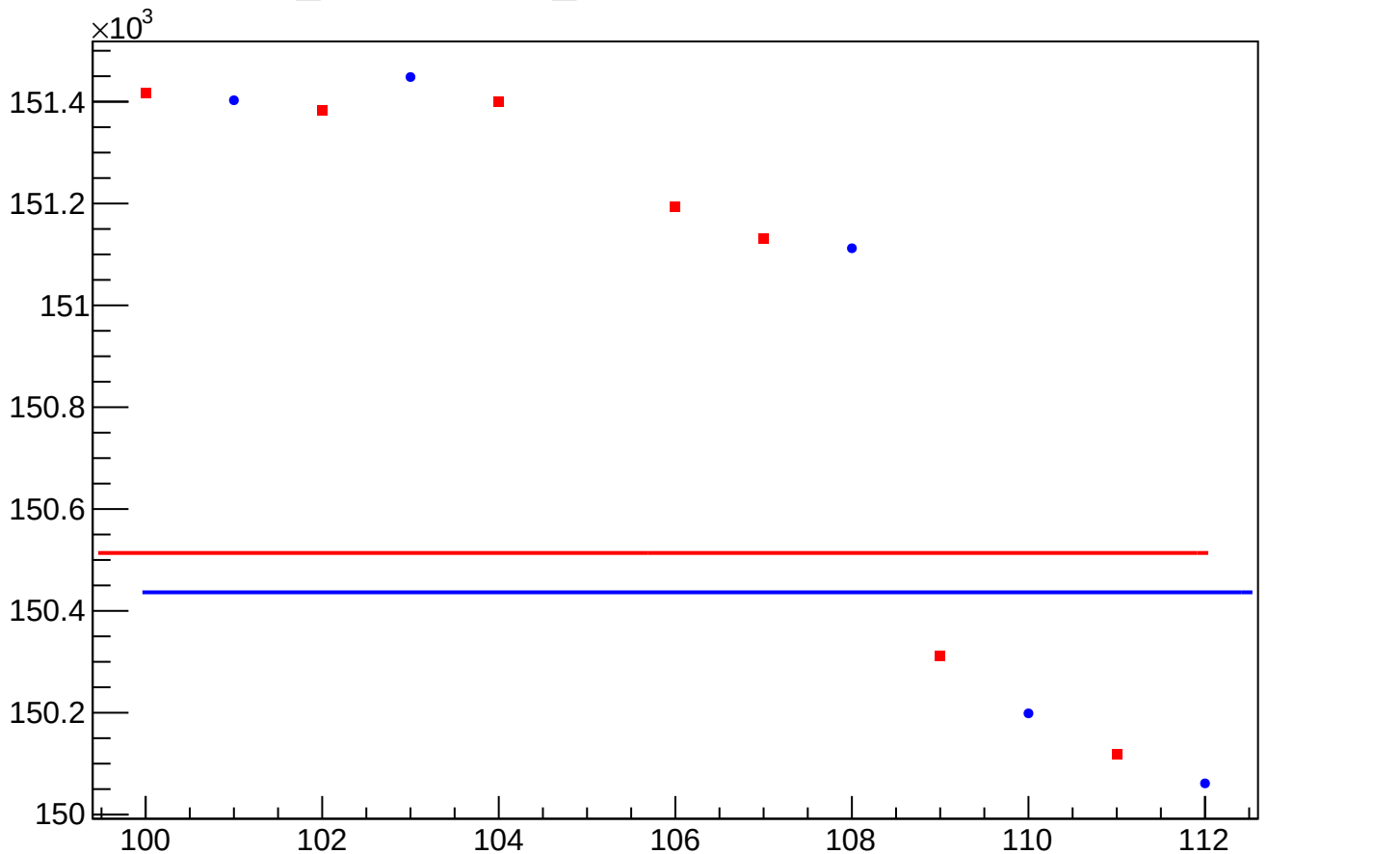
Right: 142.830+/-0.051 χ^2/NDF : 2358854.2/11

In: 143.371+/-0.074 χ^2/NDF : 1131559.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

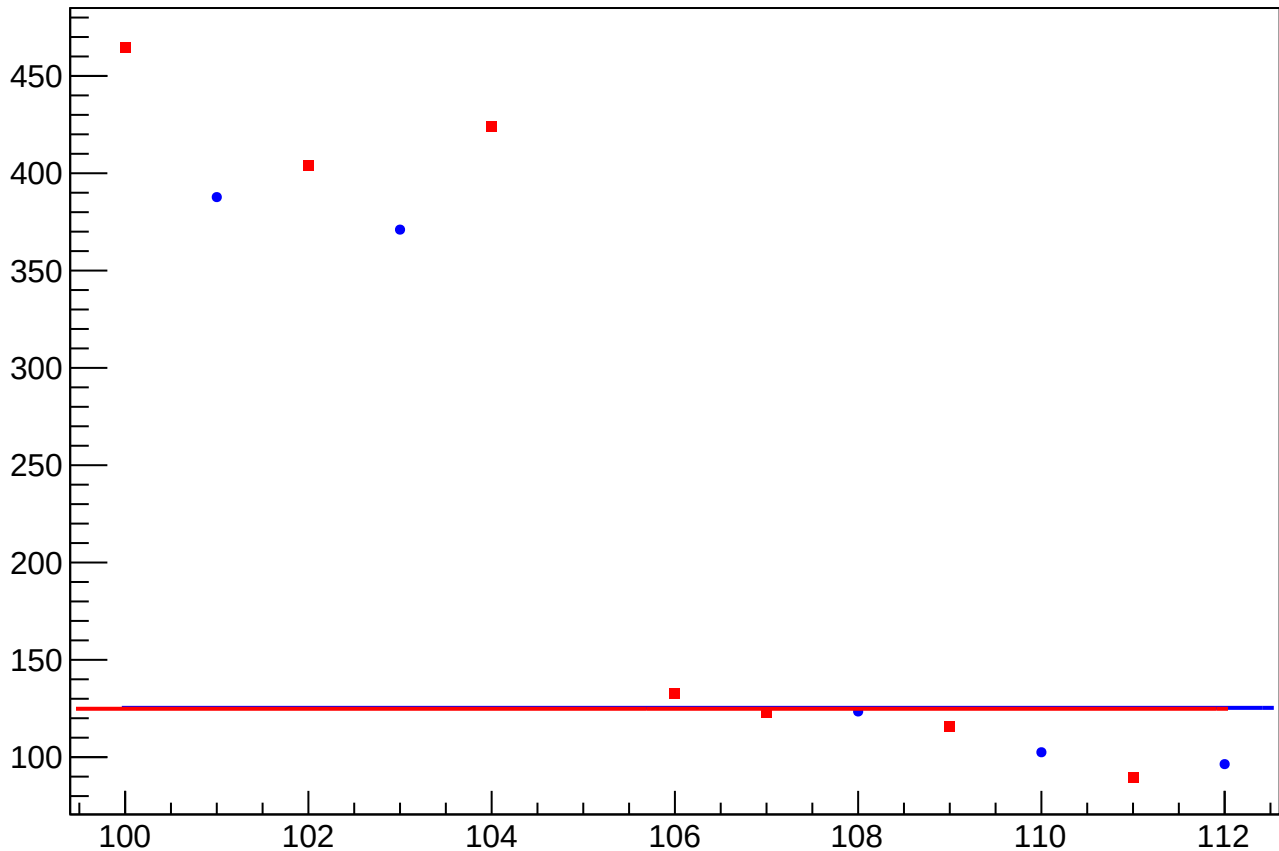
All: 142.830+/-0.051 χ^2/NDF : 2358854.2/11

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 150436.438 $\pm$ 0.094 χ^2 /NDF: 28230664.5/4
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 150513.749 $\pm$ 0.087 χ^2 /NDF: 29685539.6/6
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 150477.798 $\pm$ 0.064 χ^2 /NDF: 58280747.2/11
 In: 150436.438 $\pm$ 0.094 χ^2 /NDF:28230664.5/4
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 150477.798 $\pm$ 0.064 χ^2 /NDF: 58280747.2/11

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 125.331+/-0.066 χ^2/NDF : 1212520.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.862+/-0.062 χ^2/NDF : 1351200.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

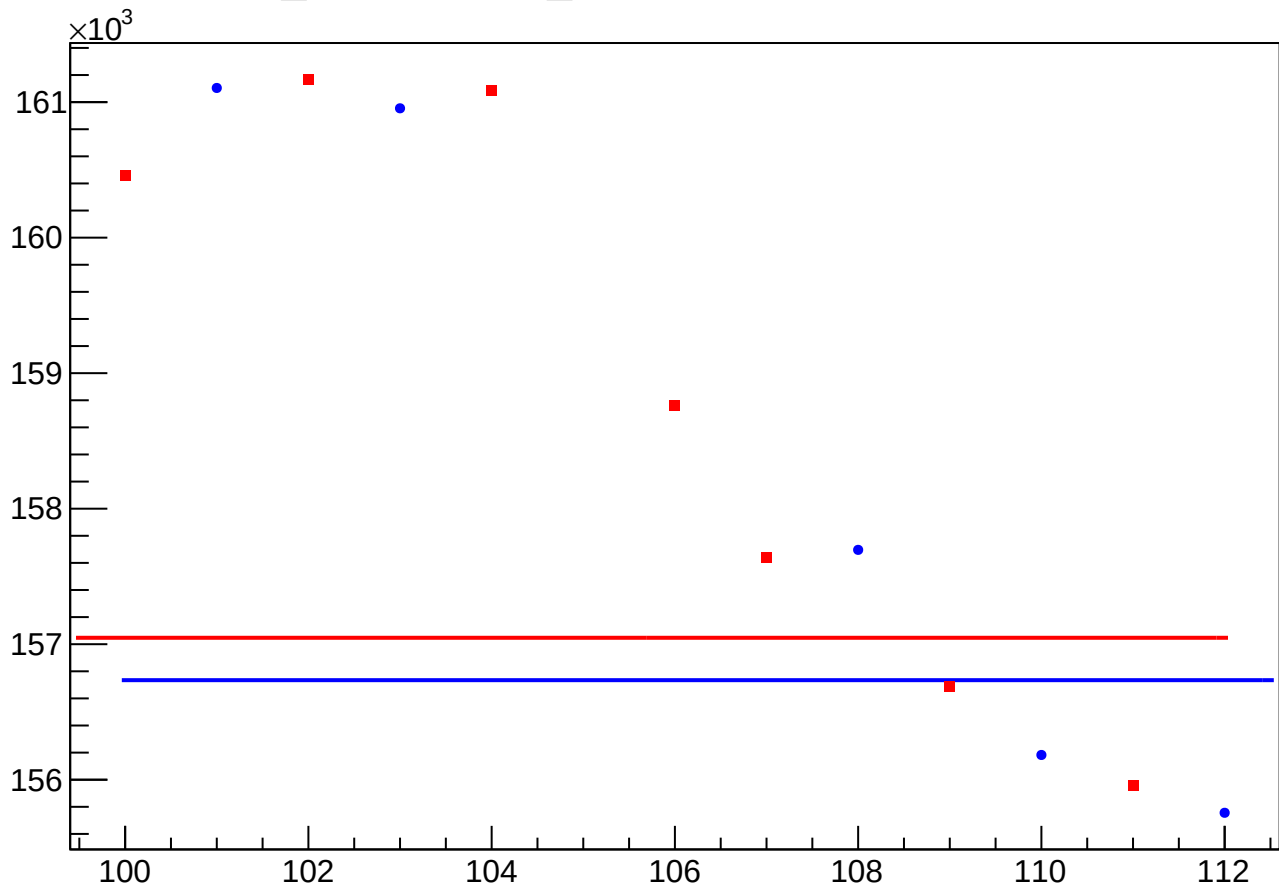
Right: 125.080+/-0.045 χ^2/NDF : 2563747.8/11

In: 125.331+/-0.066 χ^2/NDF : 1212520.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

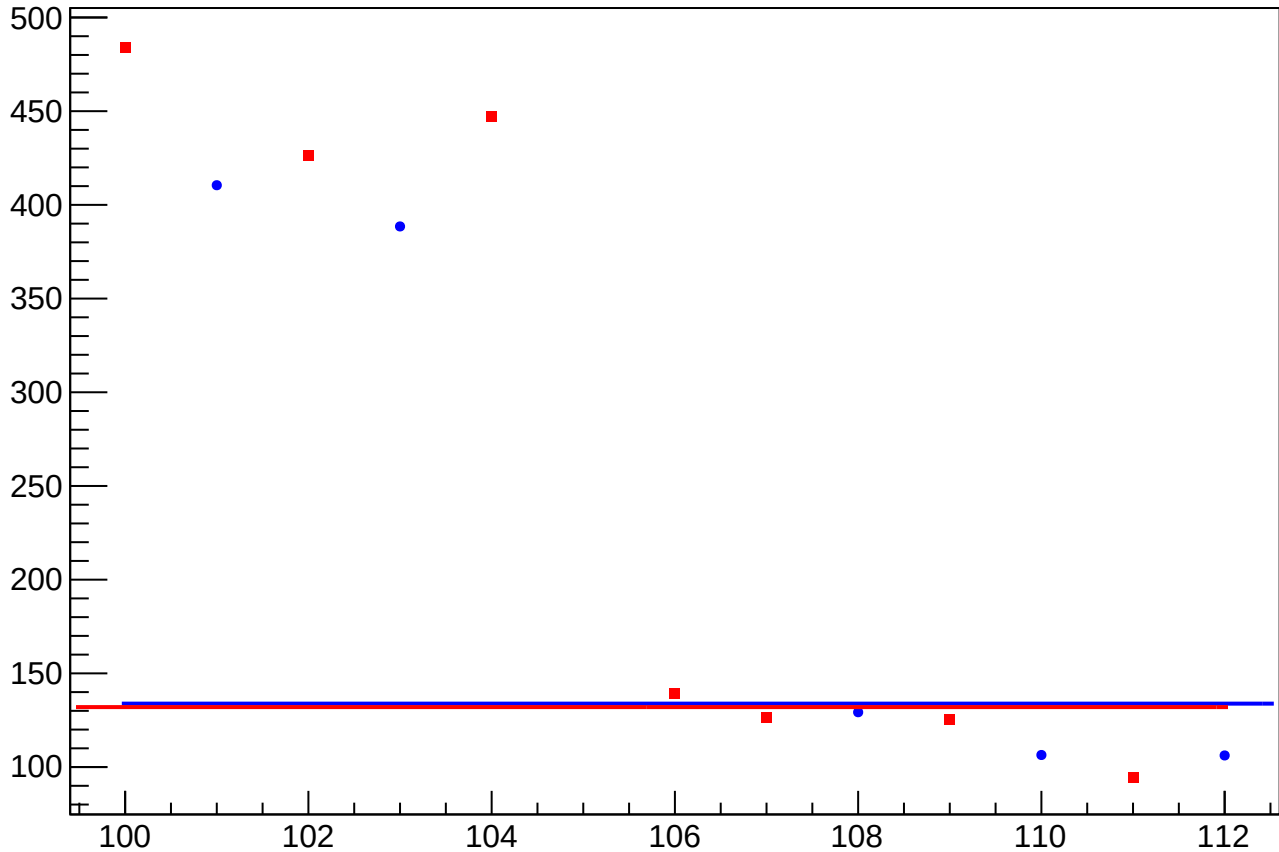
All: 125.080+/-0.045 χ^2/NDF : 2563747.8/11

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: 156734.583 $\pm$ 0.100 χ^2 /NDF: 208701187.3/4
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 157047.404 $\pm$ 0.092 χ^2 /NDF: 219910855.3/6
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 In: 156734.583 $\pm$ 0.100 χ^2 /NDF:208701187.3/4
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 156903.255 $\pm$ 0.068 χ^2 /NDF: 433920571.4/1

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 133.850+/-0.070 χ^2/NDF : 1189828.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 132.001+/-0.065 χ^2/NDF : 1348939.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

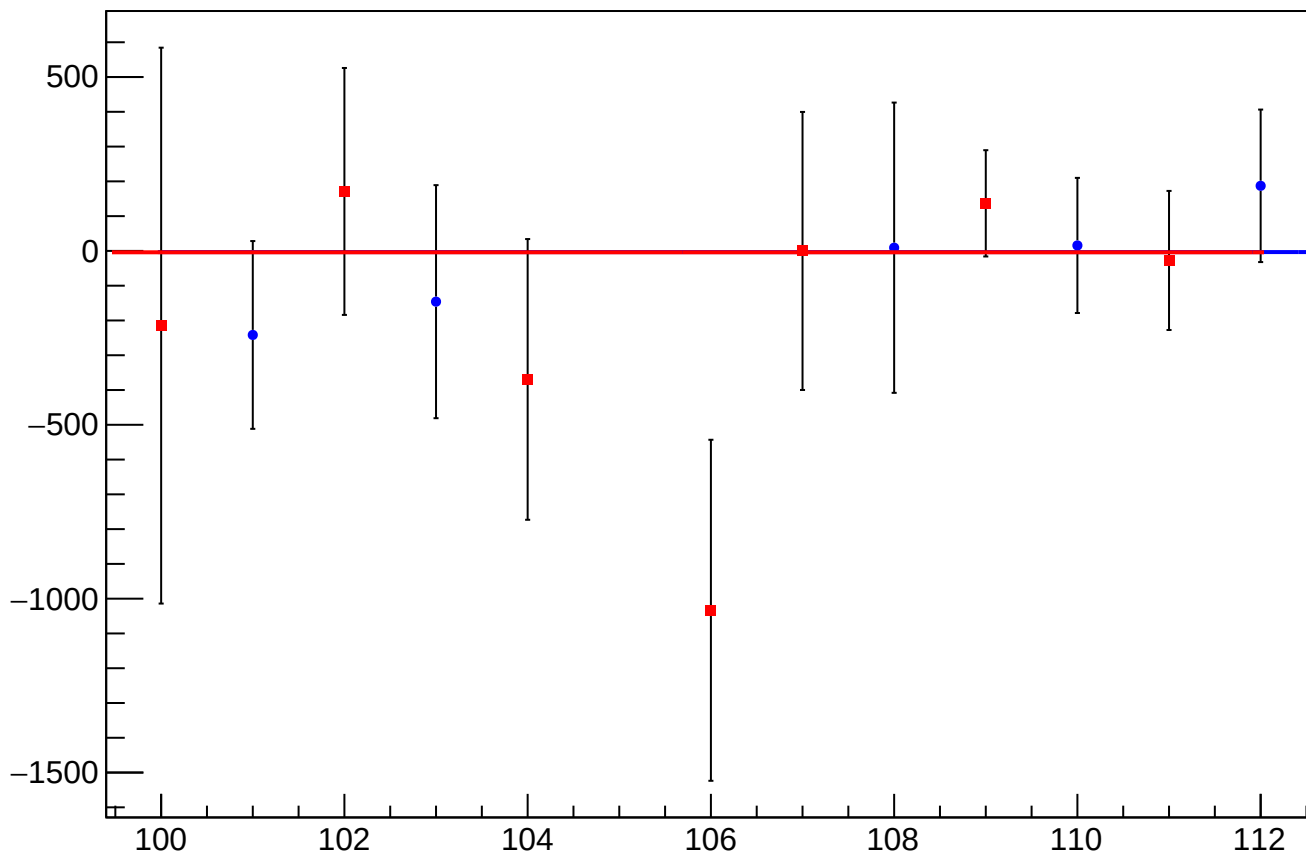
Right: 132.853+/-0.048 χ^2/NDF : 2539138.8/11

In: 133.850+/-0.070 χ^2/NDF : 1189828.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.853+/-0.048 χ^2/NDF : 2539138.8/11

asym_bcm_target_mean vs Slug, Sign Corrected



Right In: -3.339+/-114.968 χ^2/NDF : 1.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.991+/-103.203 χ^2/NDF : 6.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

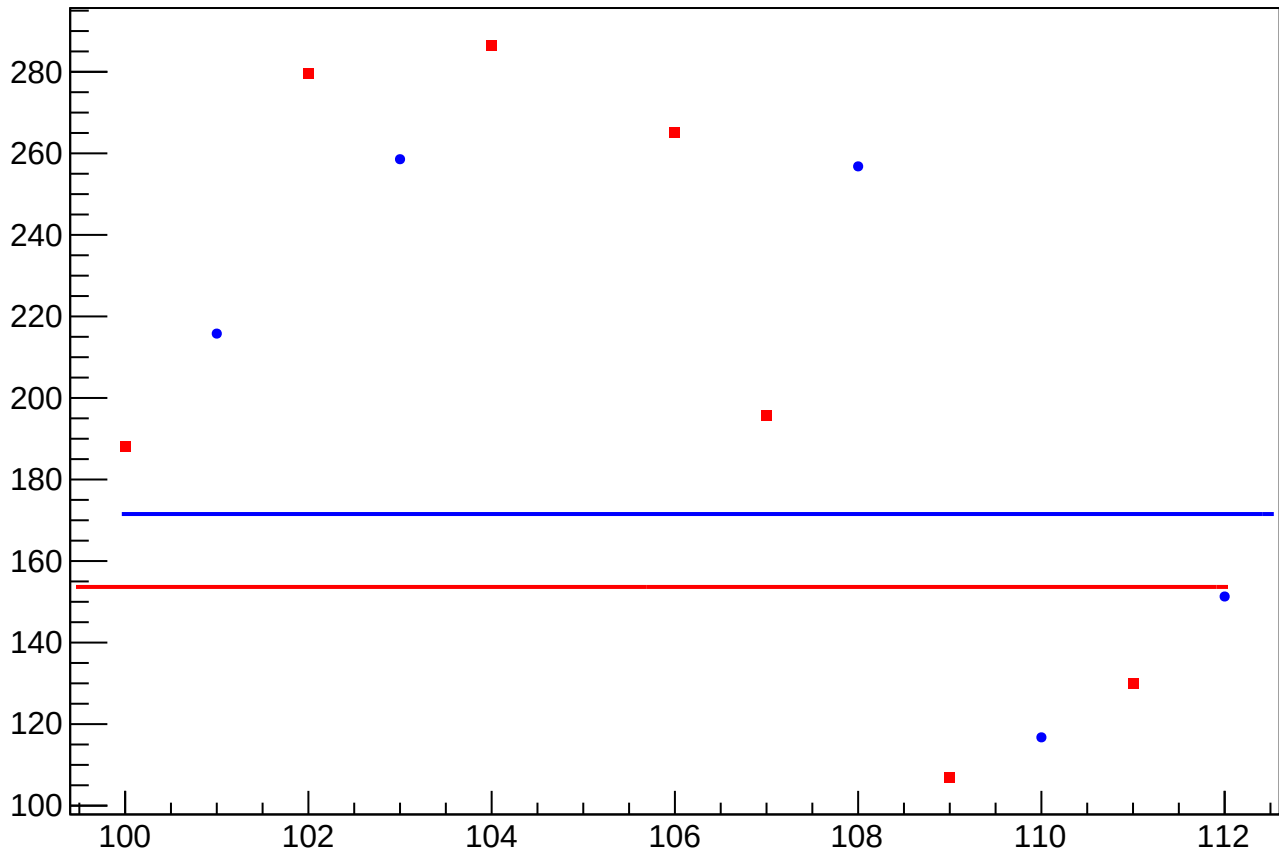
Right: -3.700+/-76.799 χ^2/NDF : 8.1/11

In: -3.339+/-114.968 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.700+/-76.799 χ^2/NDF : 8.1/11

asym_bcm_target_rms vs Slug, Sign Corrected



Right In: 171.532 $\pm$ 0.081 χ^2 /NDF: 448175.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 153.647 $\pm$ 0.073 χ^2 /NDF: 812471.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

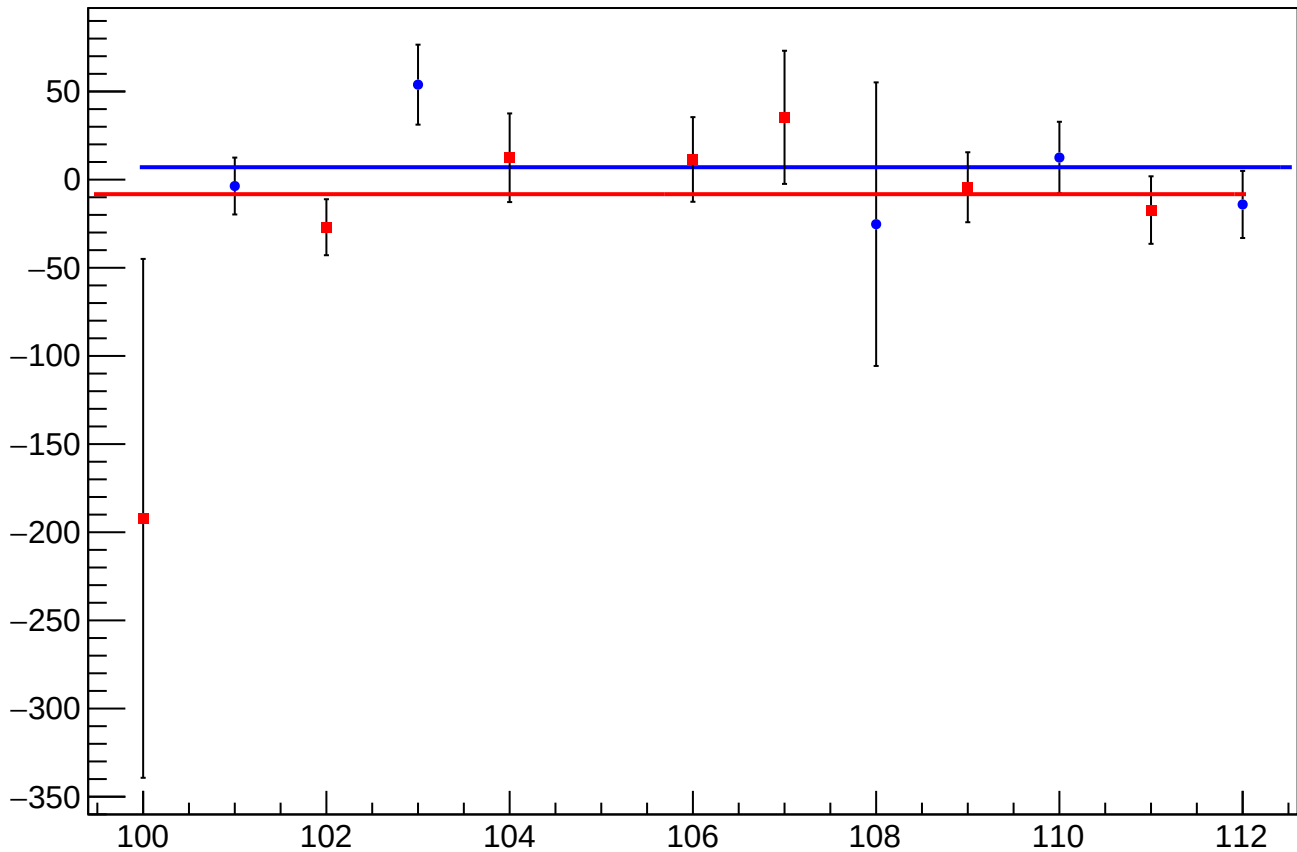
Right: 161.628 $\pm$ 0.054 χ^2 /NDF: 1287449.8/11

In: 171.532 $\pm$ 0.081 χ^2 /NDF:448175.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 161.628 $\pm$ 0.054 χ^2 /NDF: 1287449.8/11

asym_bcm_an_diff_mean vs Slug, Sign Corrected



Right In: 7.044+/-9.478 χ^2/NDF : 6.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.248+/-8.672 χ^2/NDF : 5.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

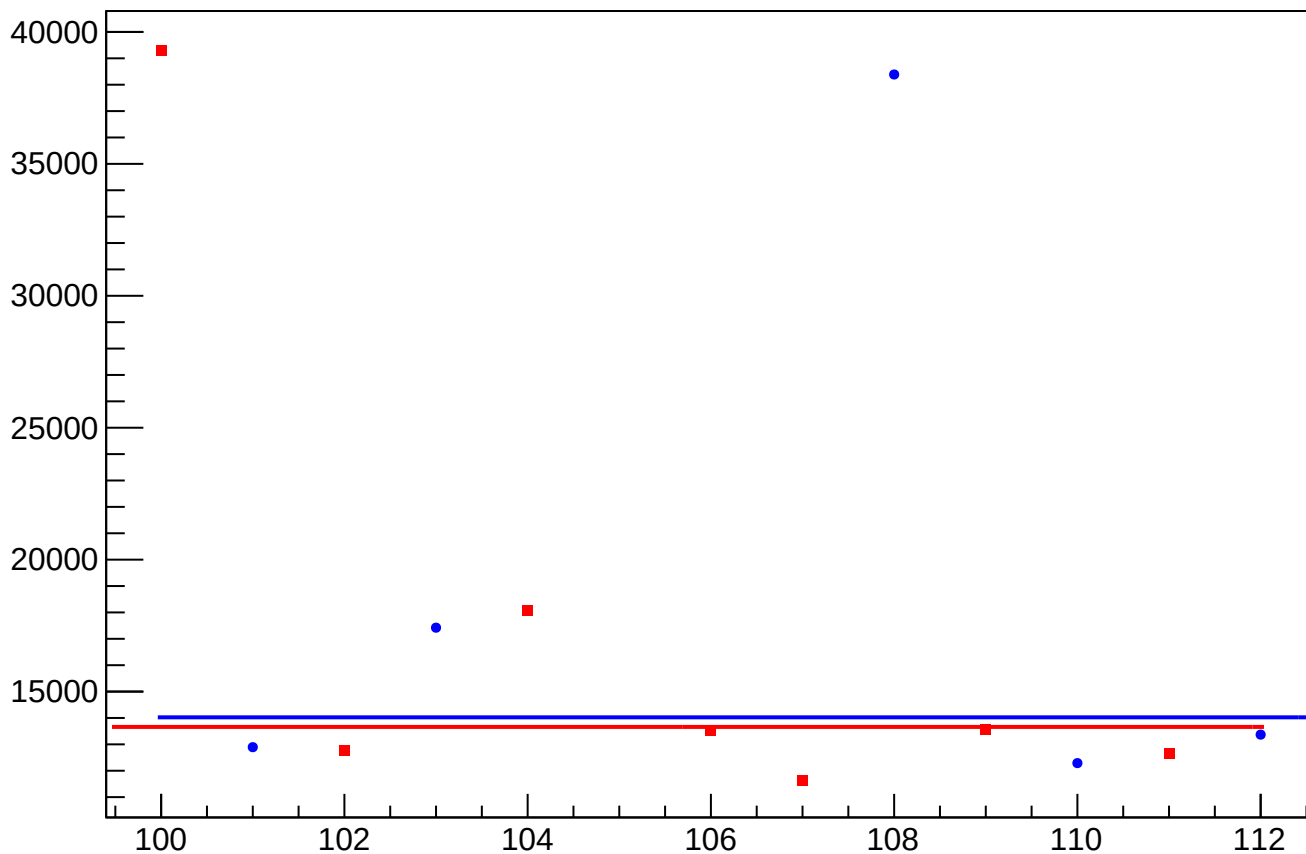
Right: -1.279+/-6.398 χ^2/NDF : 13.5/11

In: 7.044+/-9.478 χ^2/NDF : 6.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.279+/-6.398 χ^2/NDF : 13.5/11

asym_bcm_an_diff_rms vs Slug, Sign Corrected



Right In: 14024.075+/-6.702 χ^2/NDF : 255253.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13660.534+/-6.132 χ^2/NDF : 139377.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

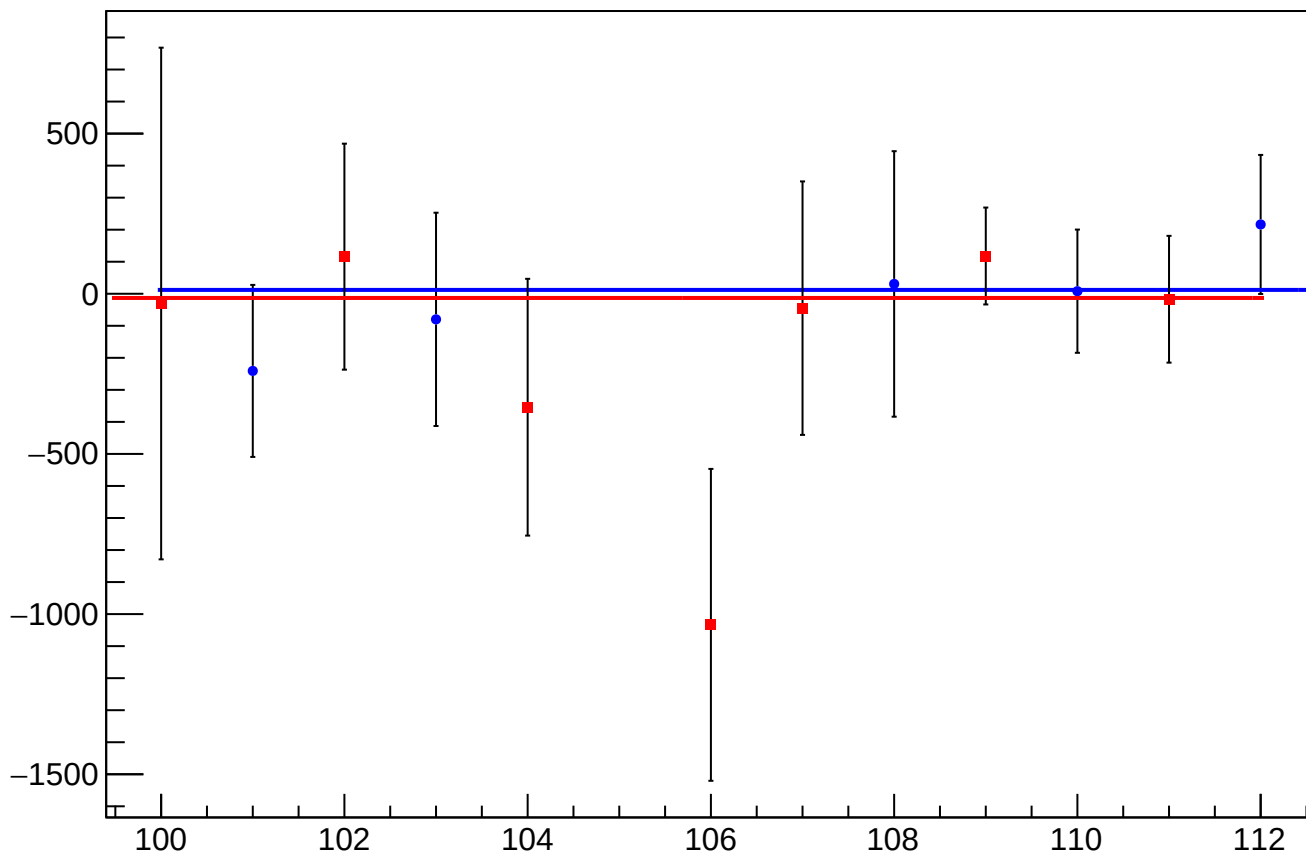
Right: 13826.199+/-4.524 χ^2/NDF : 396232.5/11

In: 14024.075+/-6.702 χ^2/NDF : 255253.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13826.199+/-4.524 χ^2/NDF : 396232.5/11

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 12.036+/-113.979 χ^2/NDF : 1.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.101+/-102.226 χ^2/NDF : 6.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

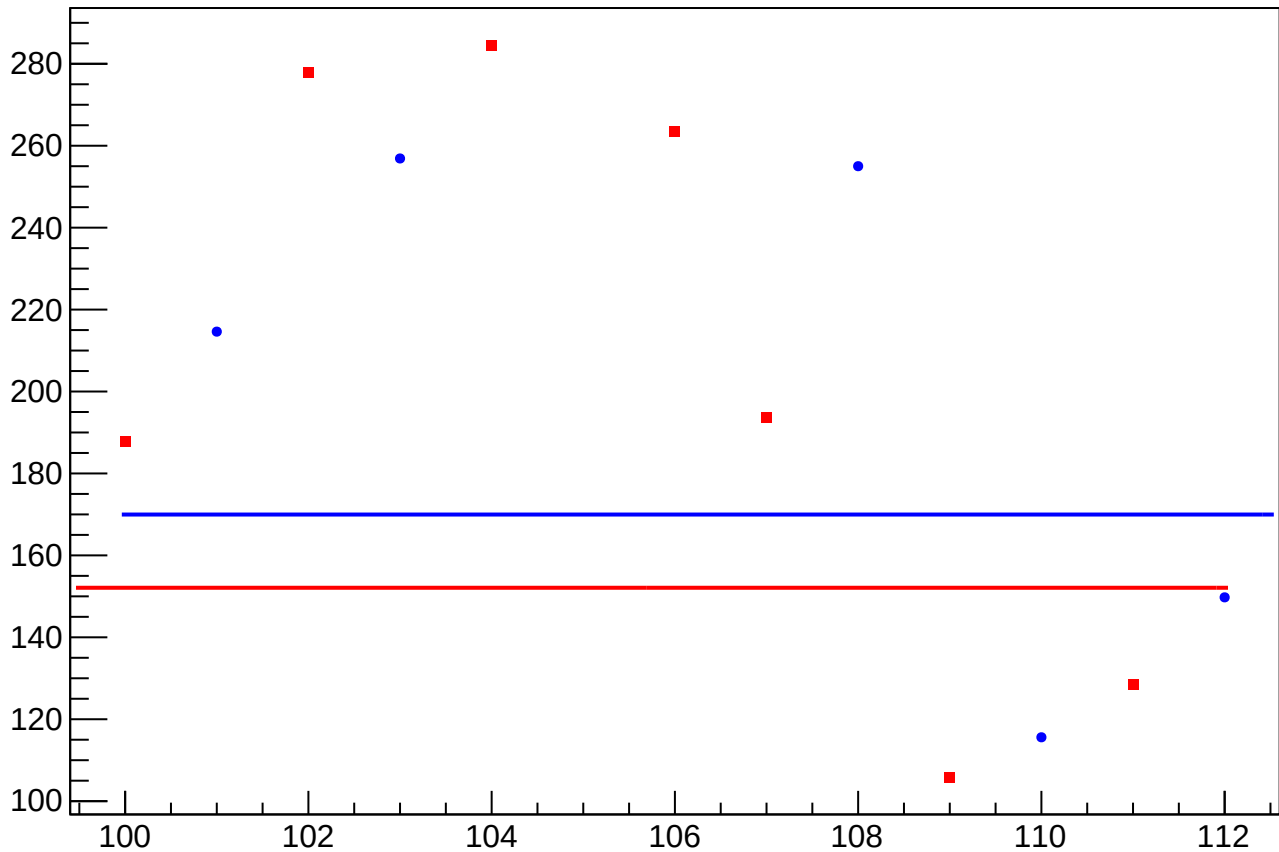
Right: -1.895+/-76.102 χ^2/NDF : 7.9/11

In: 12.036+/-113.979 χ^2/NDF : 1.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.895+/-76.102 χ^2/NDF : 7.9/11

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 169.970 $\pm$ 0.081 χ^2 /NDF: 453014.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 152.095 $\pm$ 0.072 χ^2 /NDF: 818066.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

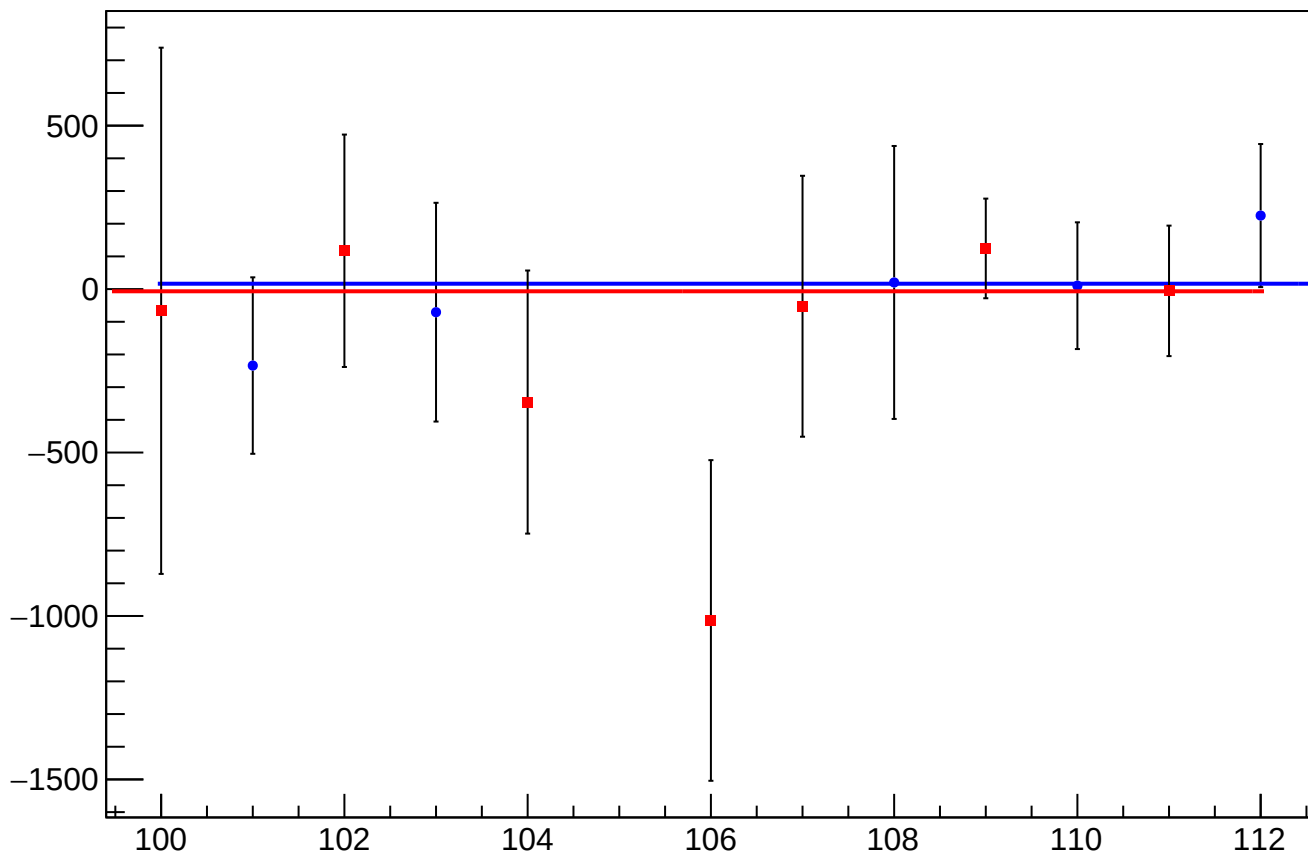
Right: 160.064 $\pm$ 0.054 χ^2 /NDF: 1298341.9/11

In: 169.970 $\pm$ 0.081 χ^2 /NDF:453014.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 160.064 $\pm$ 0.054 χ^2 /NDF: 1298341.9/11

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 16.426+/-114.798 χ^2/NDF : 1.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.724+/-103.014 χ^2/NDF : 5.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

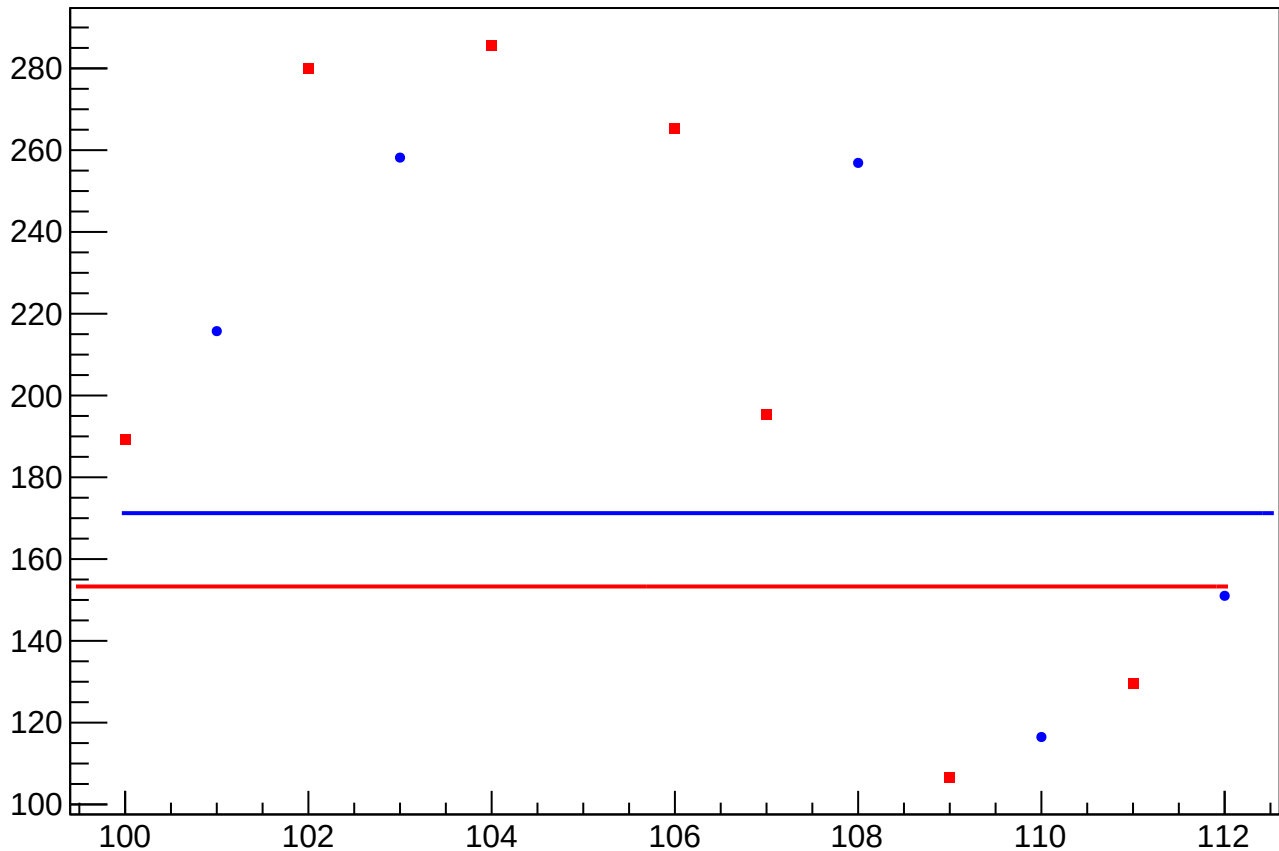
Right: 3.602+/-76.671 χ^2/NDF : 7.7/11

In: 16.426+/-114.798 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.602+/-76.671 χ^2/NDF : 7.7/11

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 171.232 $\pm$ 0.081 χ^2 /NDF: 450197.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 153.295 $\pm$ 0.073 χ^2 /NDF: 816098.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

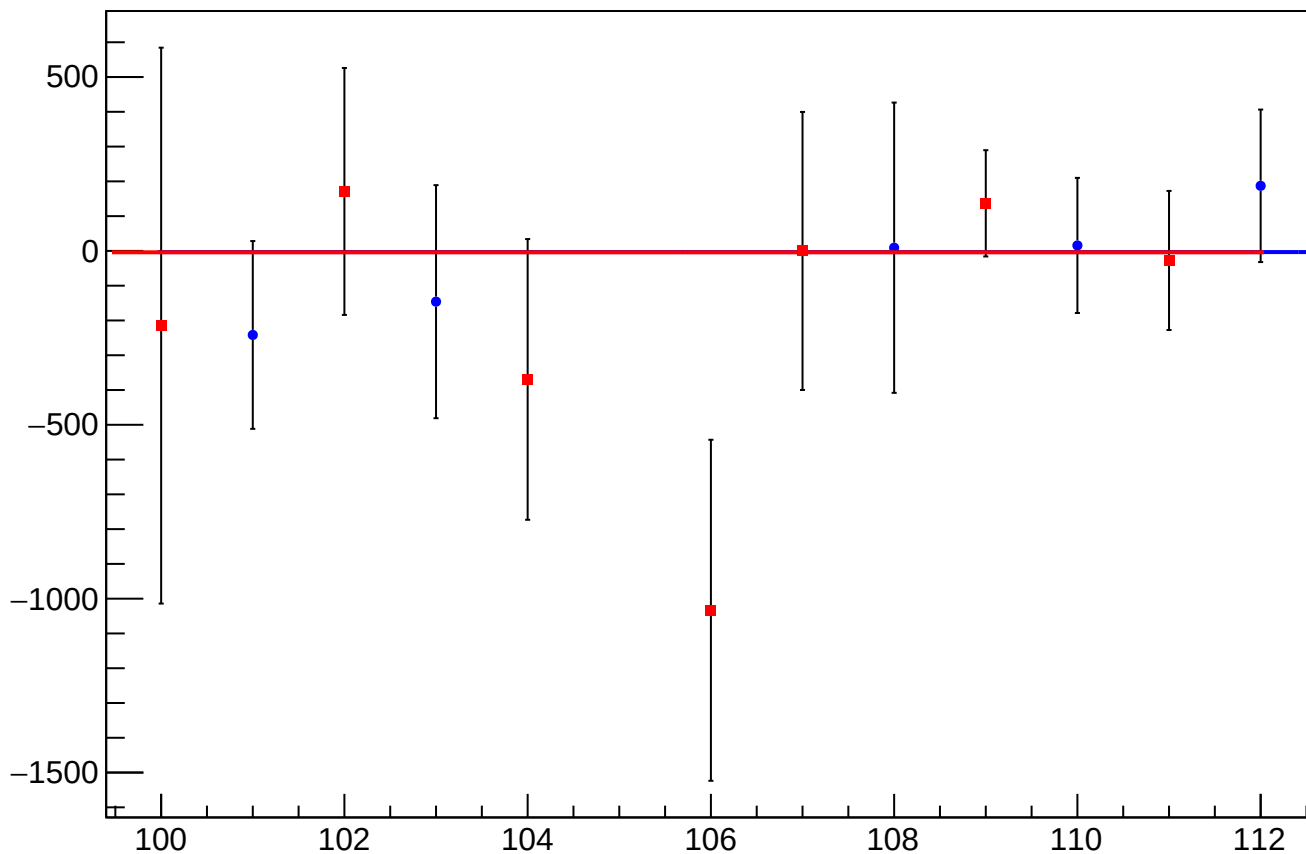
Right: 161.296 $\pm$ 0.054 χ^2 /NDF: 1293346.1/11

In: 171.232 $\pm$ 0.081 χ^2 /NDF:450197.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 161.296 $\pm$ 0.054 χ^2 /NDF: 1293346.1/11

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: -3.339+/-114.968 χ^2/NDF : 1.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.991+/-103.203 χ^2/NDF : 6.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

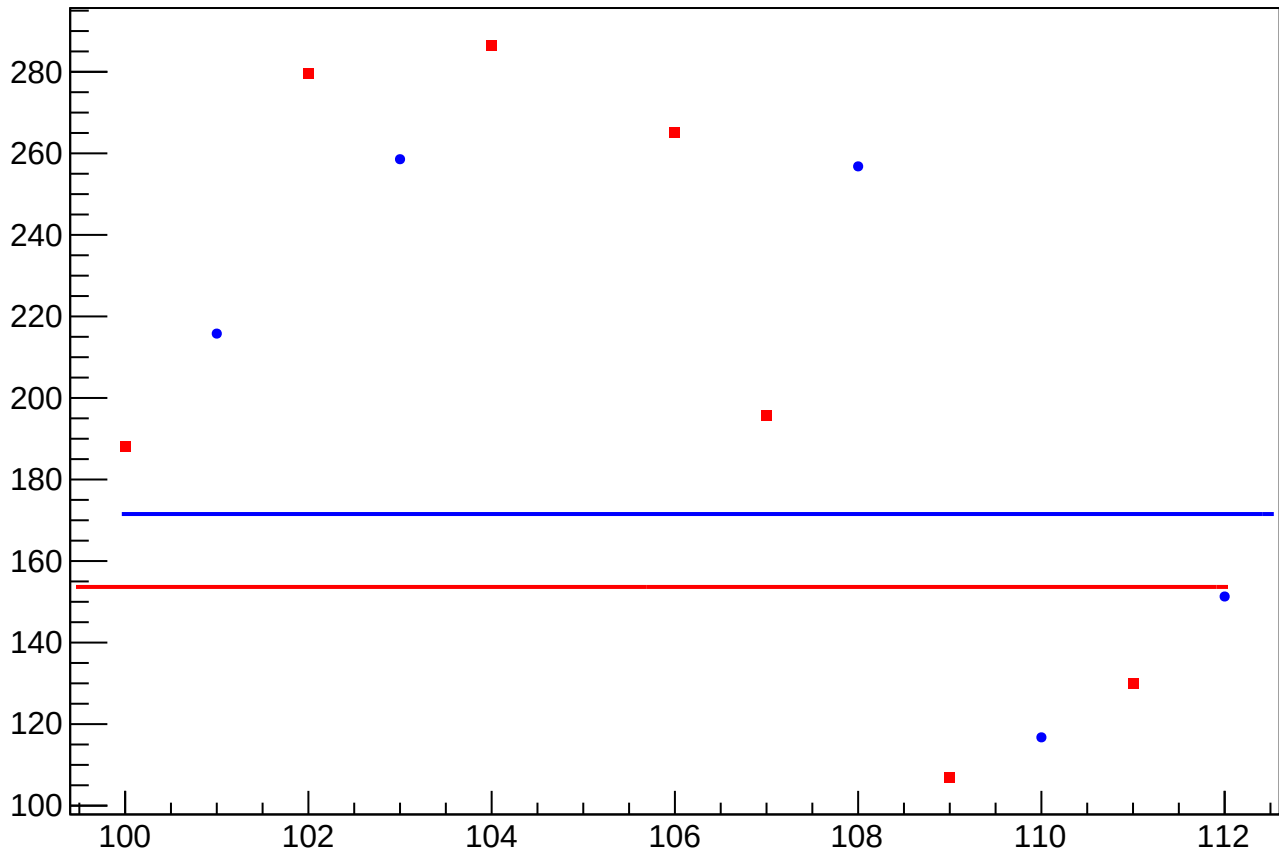
Right: -3.700+/-76.799 χ^2/NDF : 8.1/11

In: -3.339+/-114.968 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.700+/-76.799 χ^2/NDF : 8.1/11

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 171.532 $\pm$ 0.081 χ^2 /NDF: 448175.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 153.647 $\pm$ 0.073 χ^2 /NDF: 812471.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

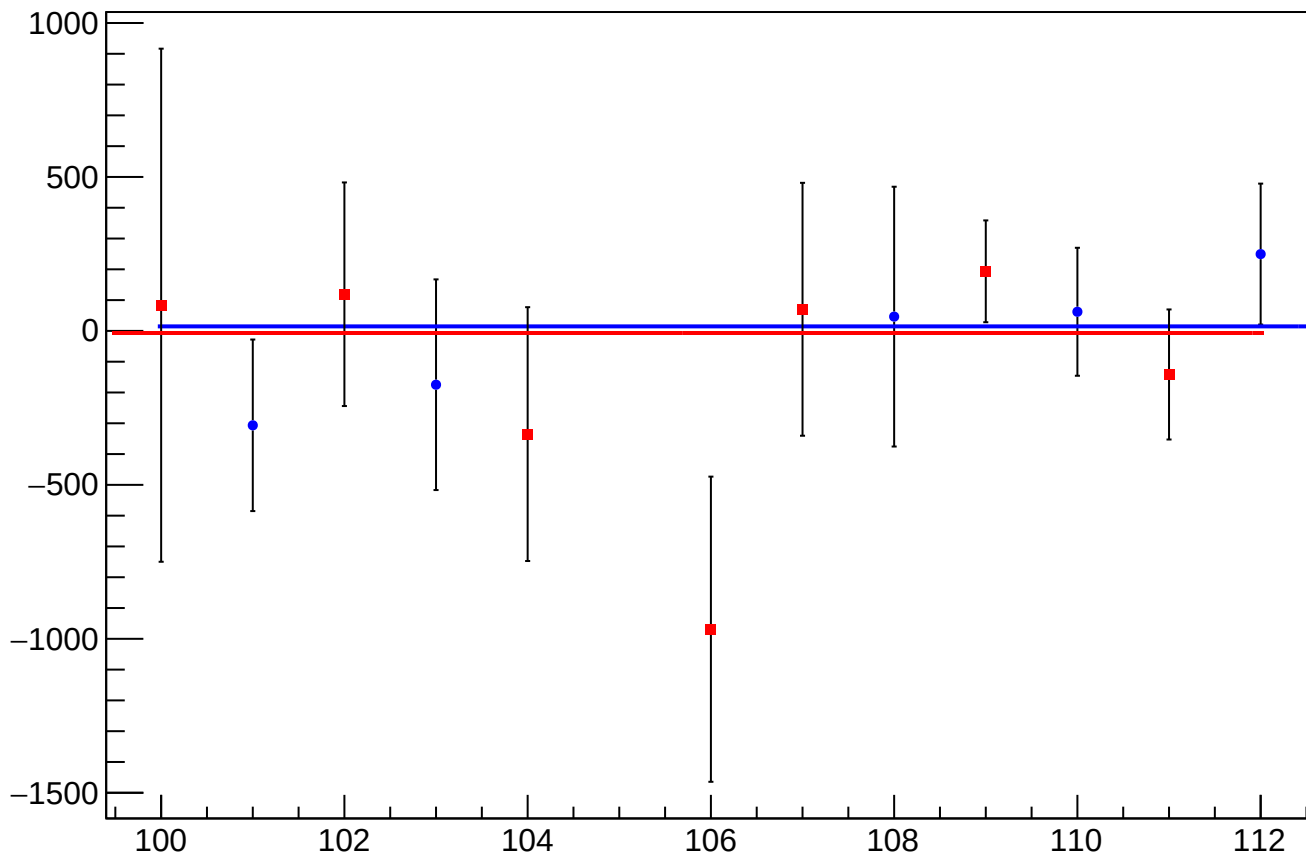
Right: 161.628 $\pm$ 0.054 χ^2 /NDF: 1287449.8/11

In: 171.532 $\pm$ 0.081 χ^2 /NDF:448175.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 161.628 $\pm$ 0.054 χ^2 /NDF: 1287449.8/11

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 14.692 $\pm$ 120.127 χ^2 /NDF: 2.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -6.790 $\pm$ 109.164 χ^2 /NDF: 6.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

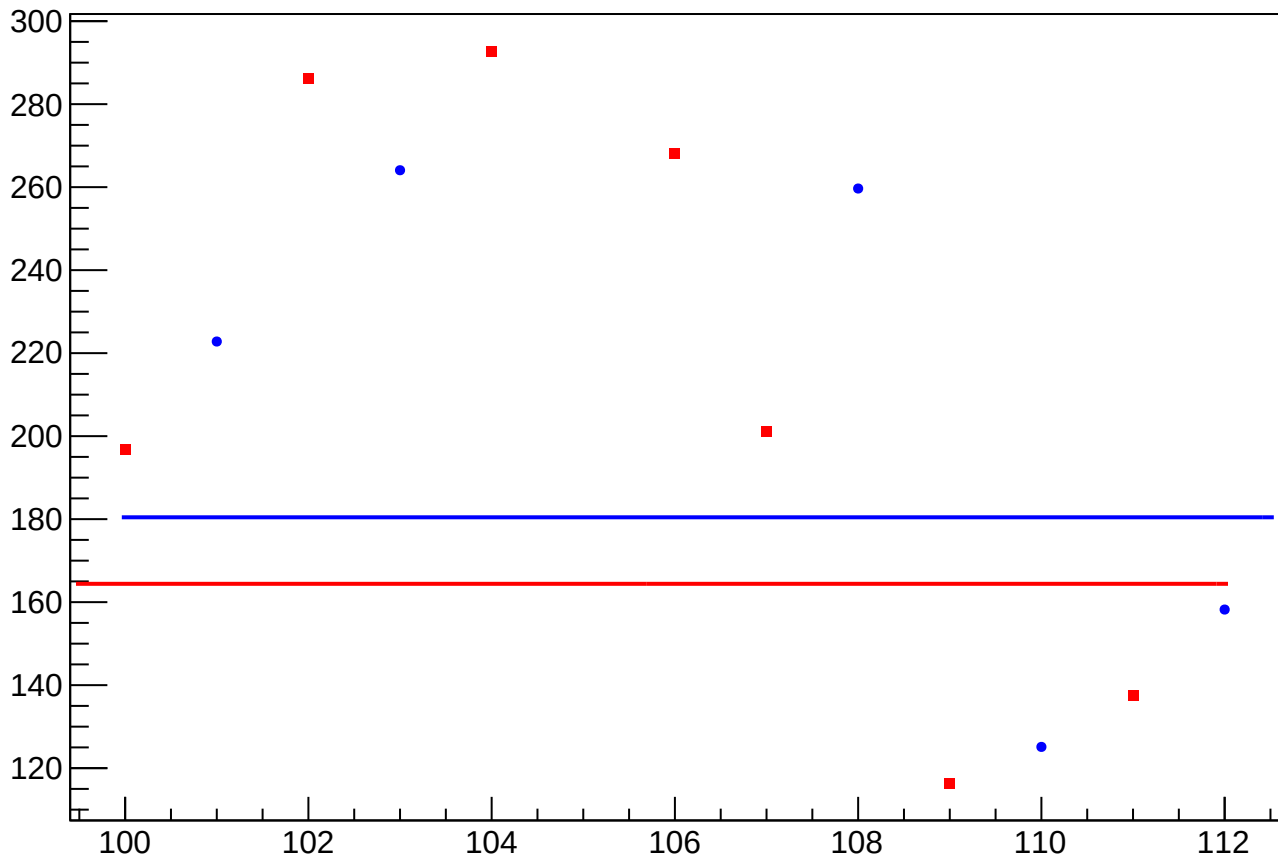
Right: 2.926 $\pm$ 80.789 χ^2 /NDF: 9.2/11

In: 14.692 $\pm$ 120.127 χ^2 /NDF: 2.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.926 $\pm$ 80.789 χ^2 /NDF: 9.2/11

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 180.447 $\pm$ 0.085 χ^2 /NDF: 396921.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 164.417 $\pm$ 0.077 χ^2 /NDF: 726591.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

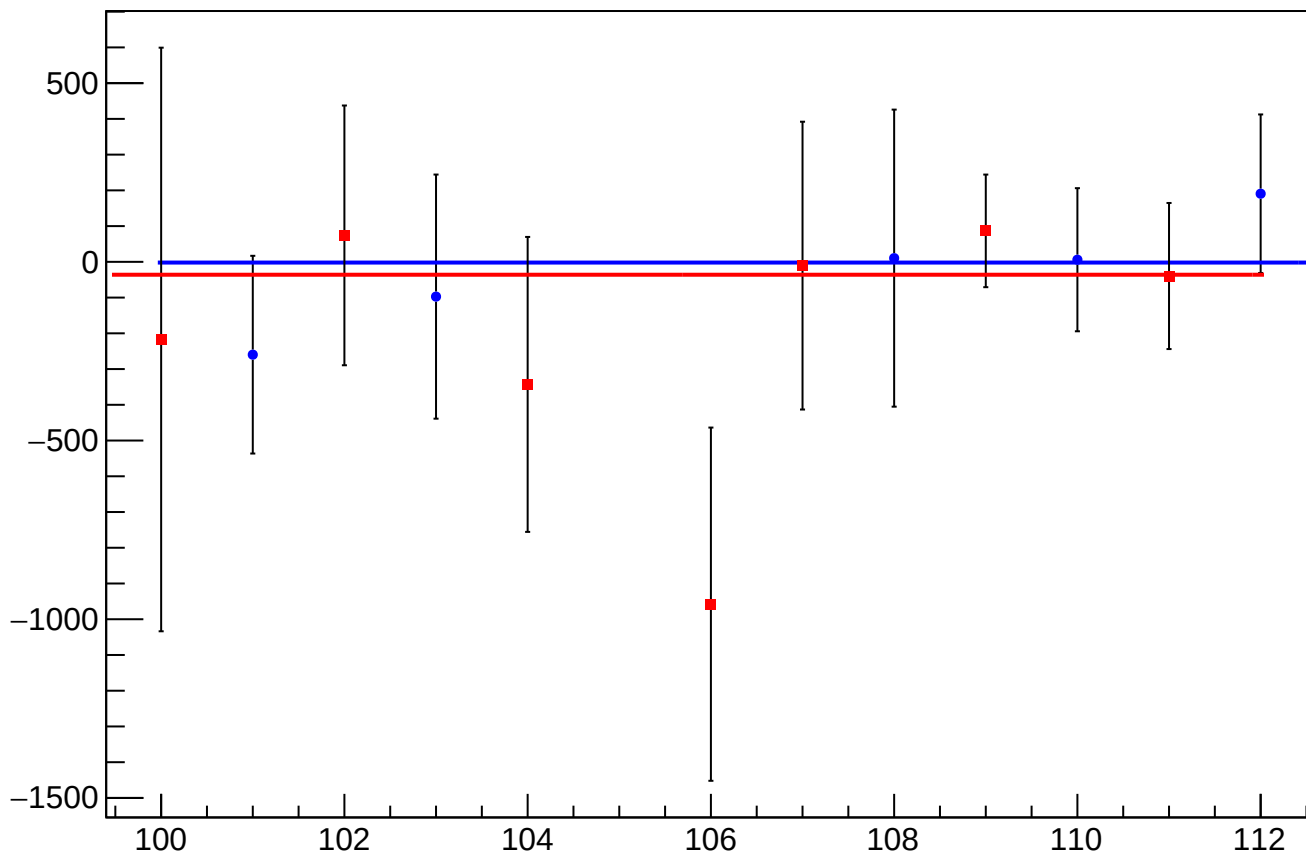
Right: 171.667 $\pm$ 0.057 χ^2 /NDF: 1143017.8/11

In: 180.447 $\pm$ 0.085 χ^2 /NDF:396921.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 171.667 $\pm$ 0.057 χ^2 /NDF: 1143017.8/11

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: -2.011+/-117.278 χ^2/NDF : 1.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.064+/-105.737 χ^2/NDF : 4.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

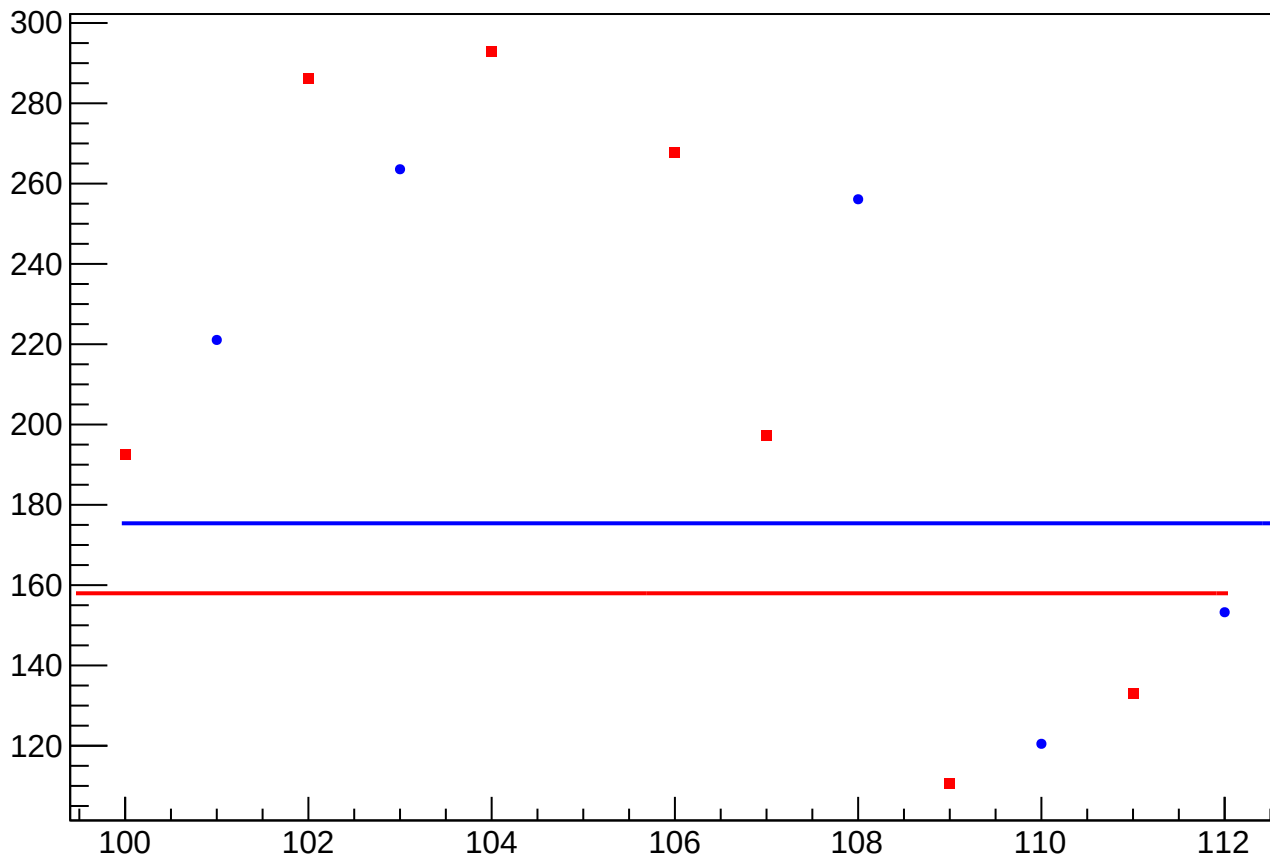
Right: -20.795+/-78.532 χ^2/NDF : 6.5/11

In: -2.011+/-117.278 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.795+/-78.532 χ^2/NDF : 6.5/11

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 175.400+/-0.083 χ^2/NDF : 433646.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.972+/-0.075 χ^2/NDF : 794855.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

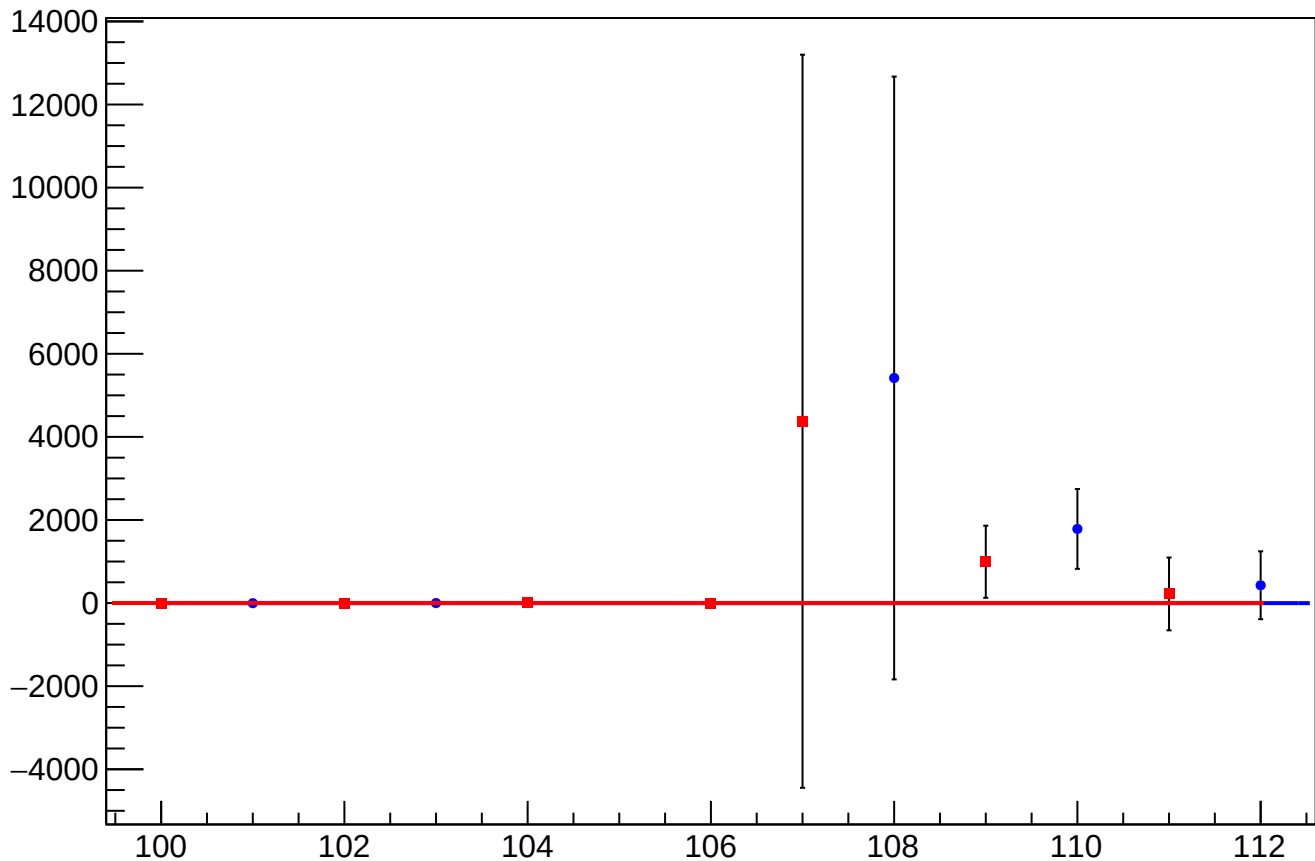
Right: 165.786+/-0.056 χ^2/NDF : 1252867.0/11

In: 175.400+/-0.083 χ^2/NDF : 433646.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.786+/-0.056 χ^2/NDF : 1252867.0/11

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.206+/-2.171 χ^2/NDF : 4.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.369+/-2.022 χ^2/NDF : 6.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

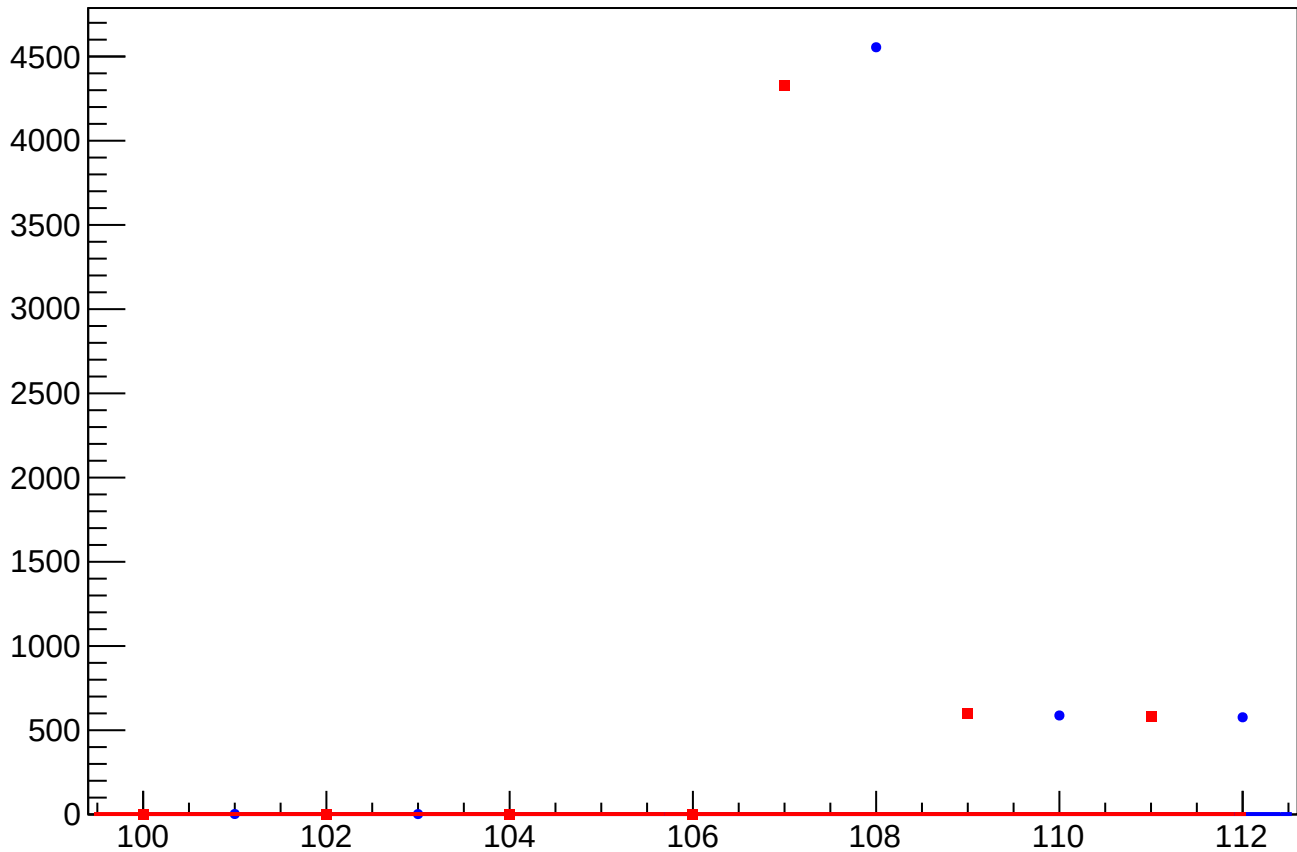
Right: 0.173+/-1.480 χ^2/NDF : 12.2/11

In: -1.206+/-2.171 χ^2/NDF : 4.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.173+/-1.480 χ^2/NDF : 12.2/11

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.437+/-0.002 χ^2/NDF : 2532849.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.429+/-0.001 χ^2/NDF : 2322771.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

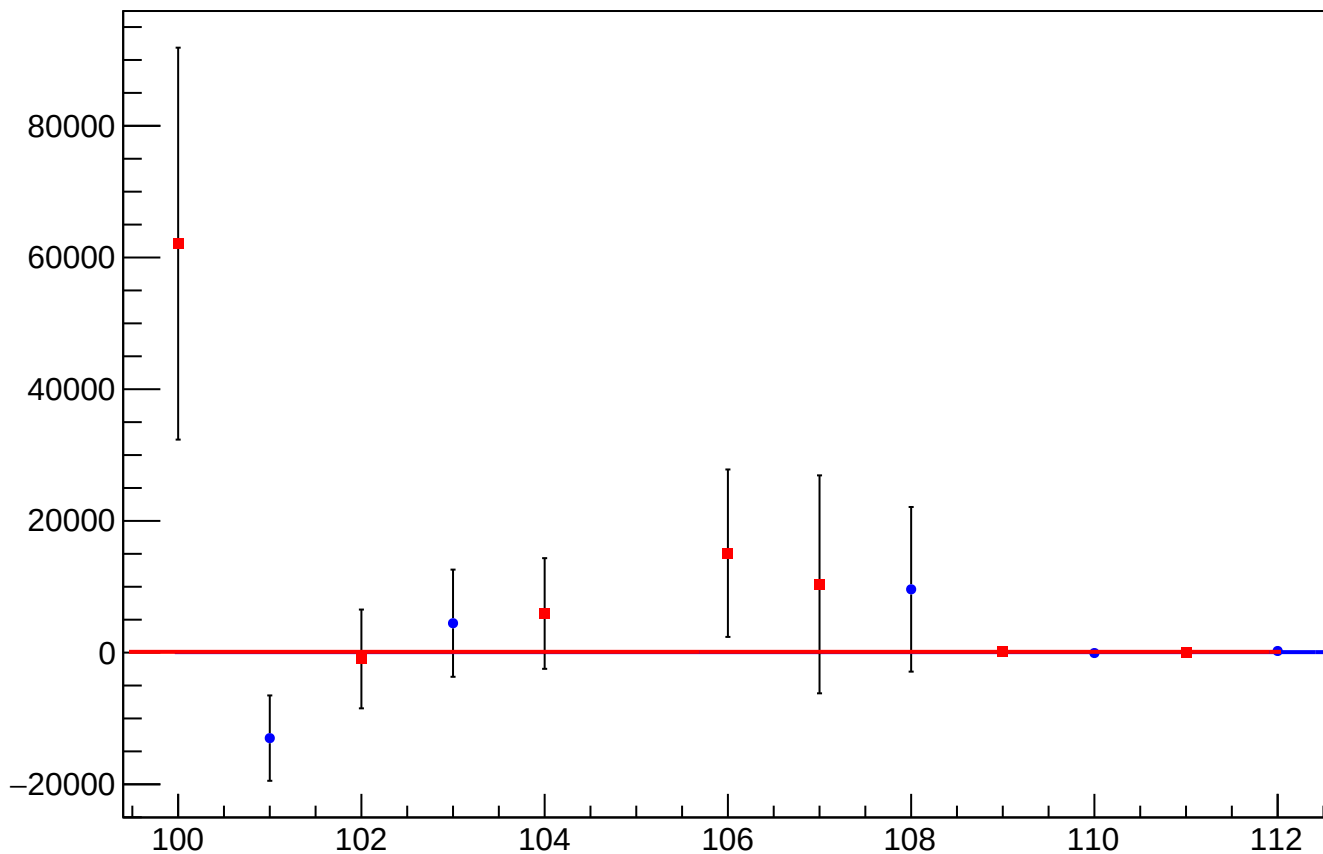
Right: 2.433+/-0.001 χ^2/NDF : 4855636.0/11

In: 2.437+/-0.002 χ^2/NDF : 2532849.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.433+/-0.001 χ^2/NDF : 4855636.0/11

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 72.472+/-151.932 χ^2/NDF : 6.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 116.614+/-153.602 χ^2/NDF : 6.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

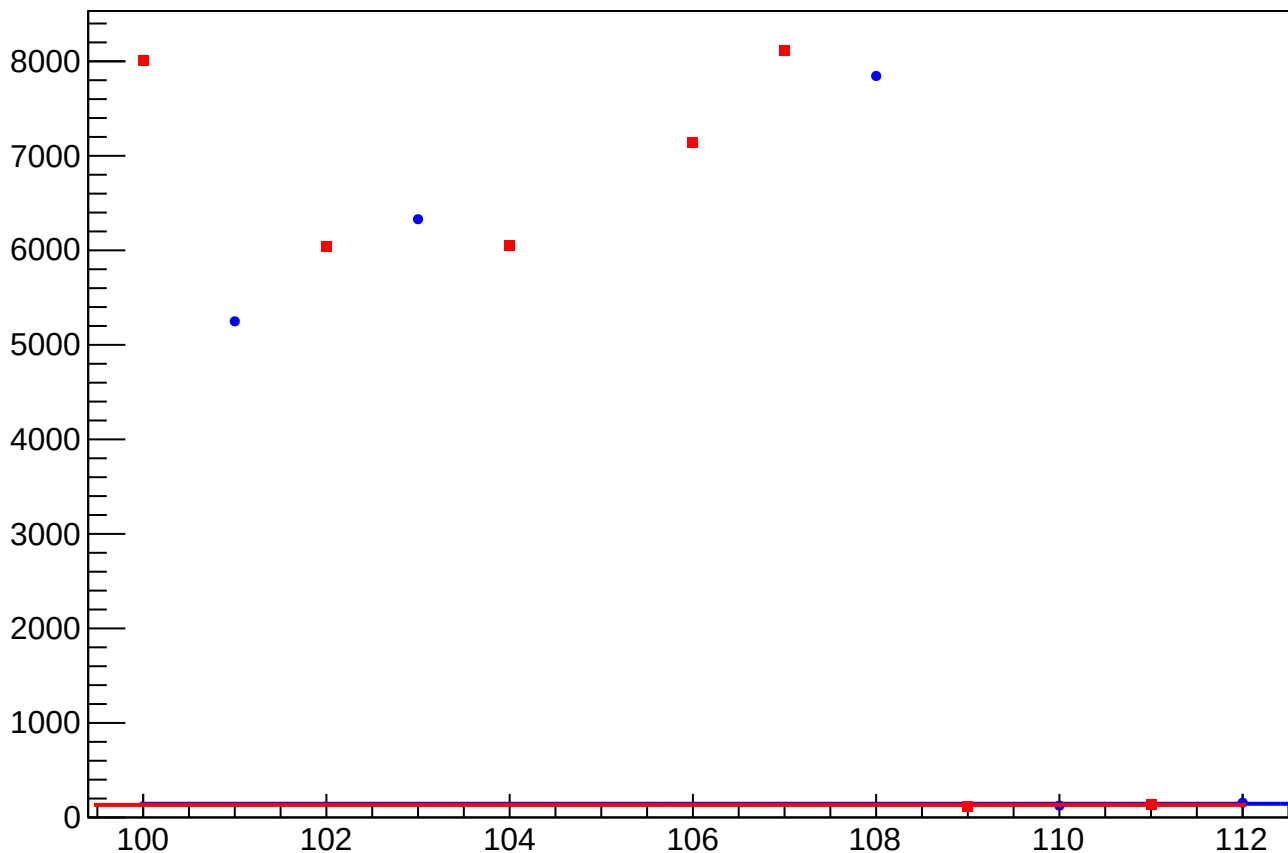
Right: 94.301+/-108.018 χ^2/NDF : 12.9/11

In: 72.472+/-151.932 χ^2/NDF : 6.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.301+/-108.018 χ^2/NDF : 12.9/11

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 144.723+/-0.107 χ^2/NDF : 3177931.7/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 132.600+/-0.109 χ^2/NDF : 3458023.8/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

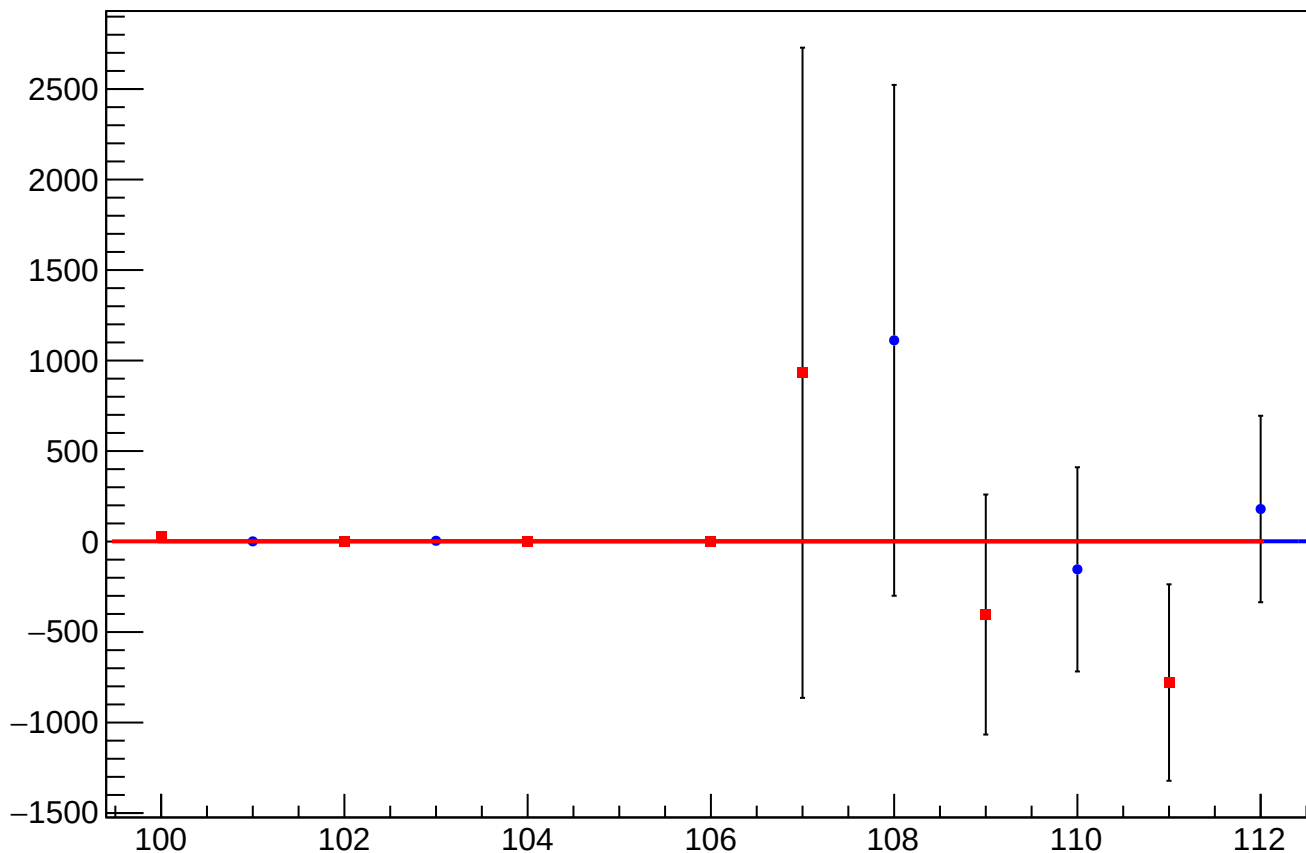
Right: 138.728+/-0.076 χ^2/NDF : 6642252.9/11

In: 144.723+/-0.107 χ^2/NDF :3177931.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 138.728+/-0.076 χ^2/NDF : 6642252.9/11

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: 1.446+/-1.660 χ^2/NDF : 1.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.106+/-1.528 χ^2/NDF : 5.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

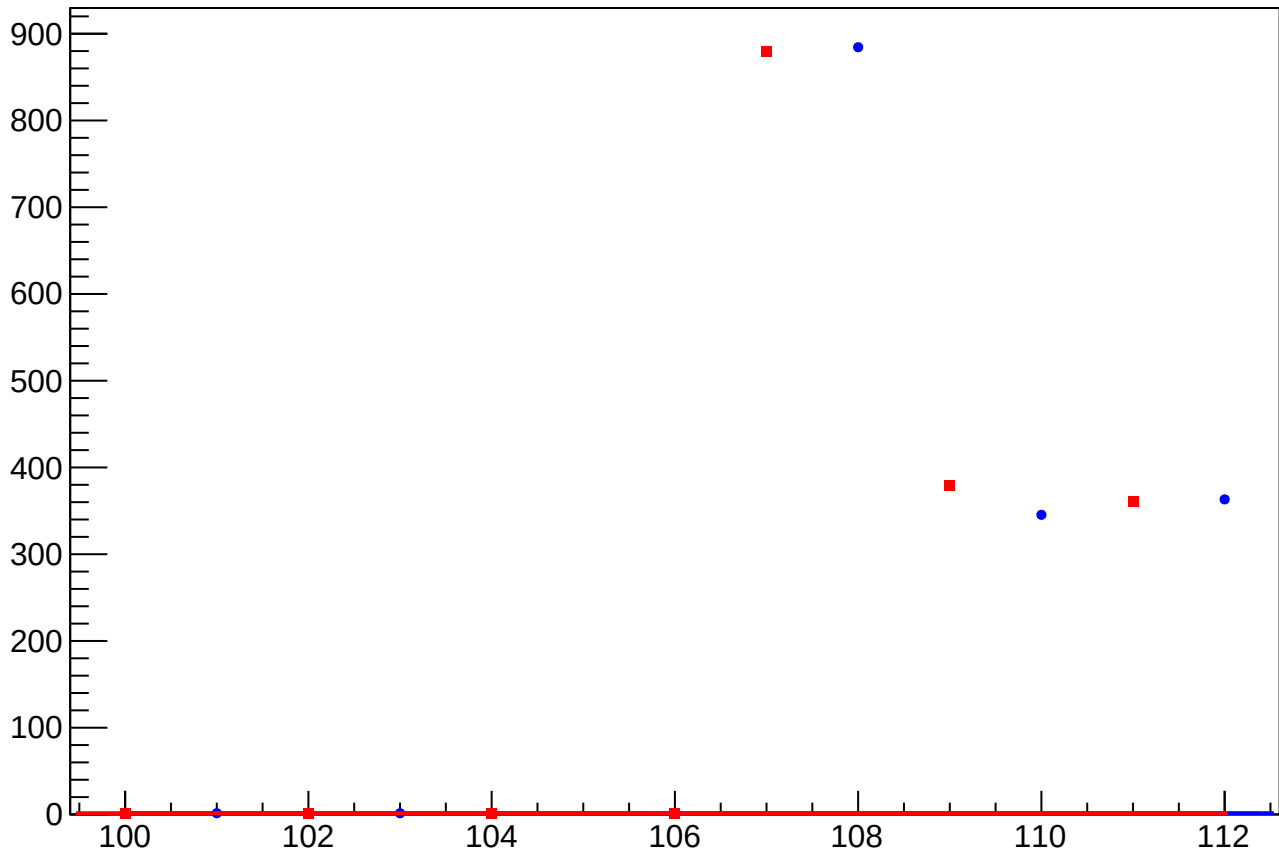
Right: 1.261+/-1.124 χ^2/NDF : 6.5/11

In: 1.446+/-1.660 χ^2/NDF : 1.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.261+/-1.124 χ^2/NDF : 6.5/11

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.437+/-0.001 χ^2/NDF : 2513919.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.439+/-0.001 χ^2/NDF : 2005633.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

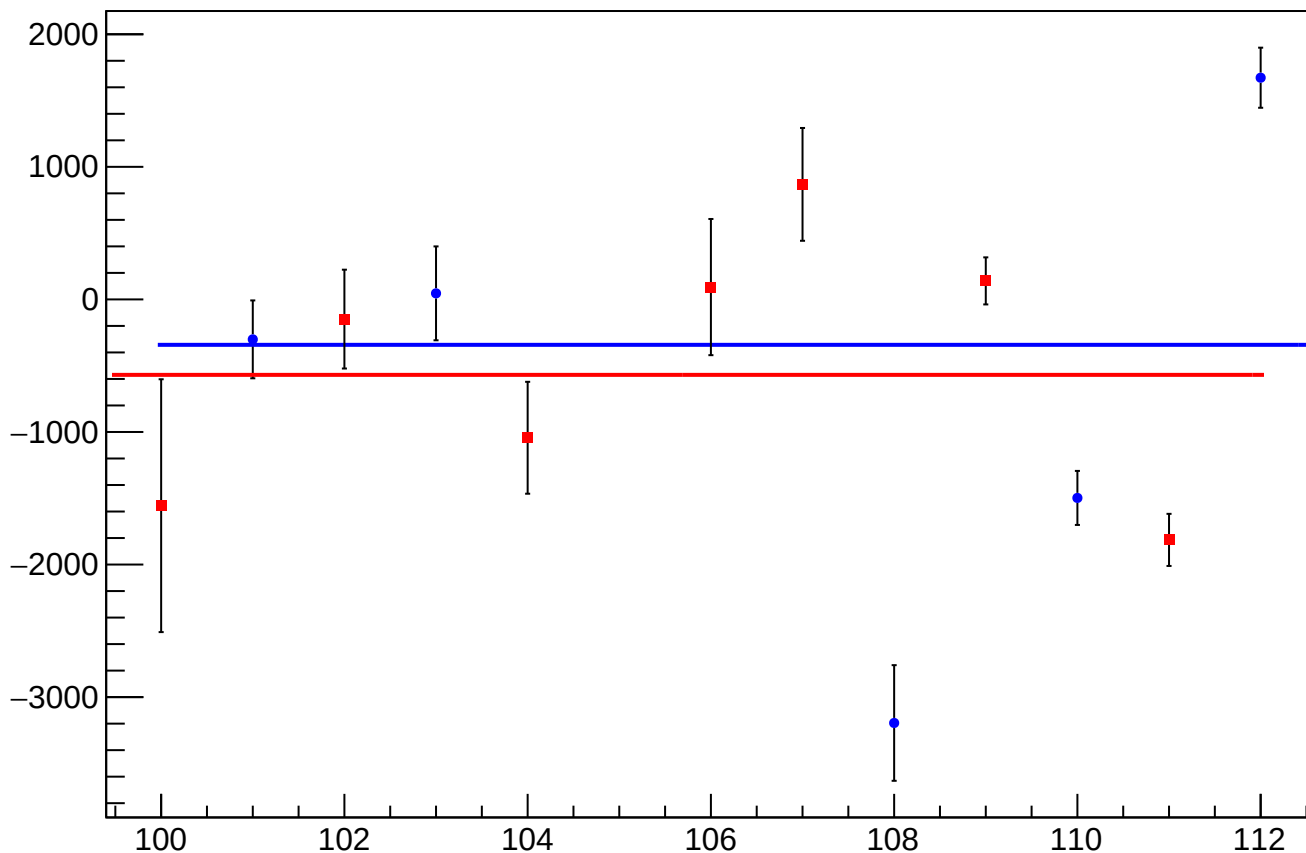
Right: 1.438+/-0.001 χ^2/NDF : 4519554.0/11

In: 1.437+/-0.001 χ^2/NDF : 2513919.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.438+/-0.001 χ^2/NDF : 4519554.0/11

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: -342.619+/-120.941 χ^2/NDF : 155.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -569.176+/-111.214 χ^2/NDF : 72.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

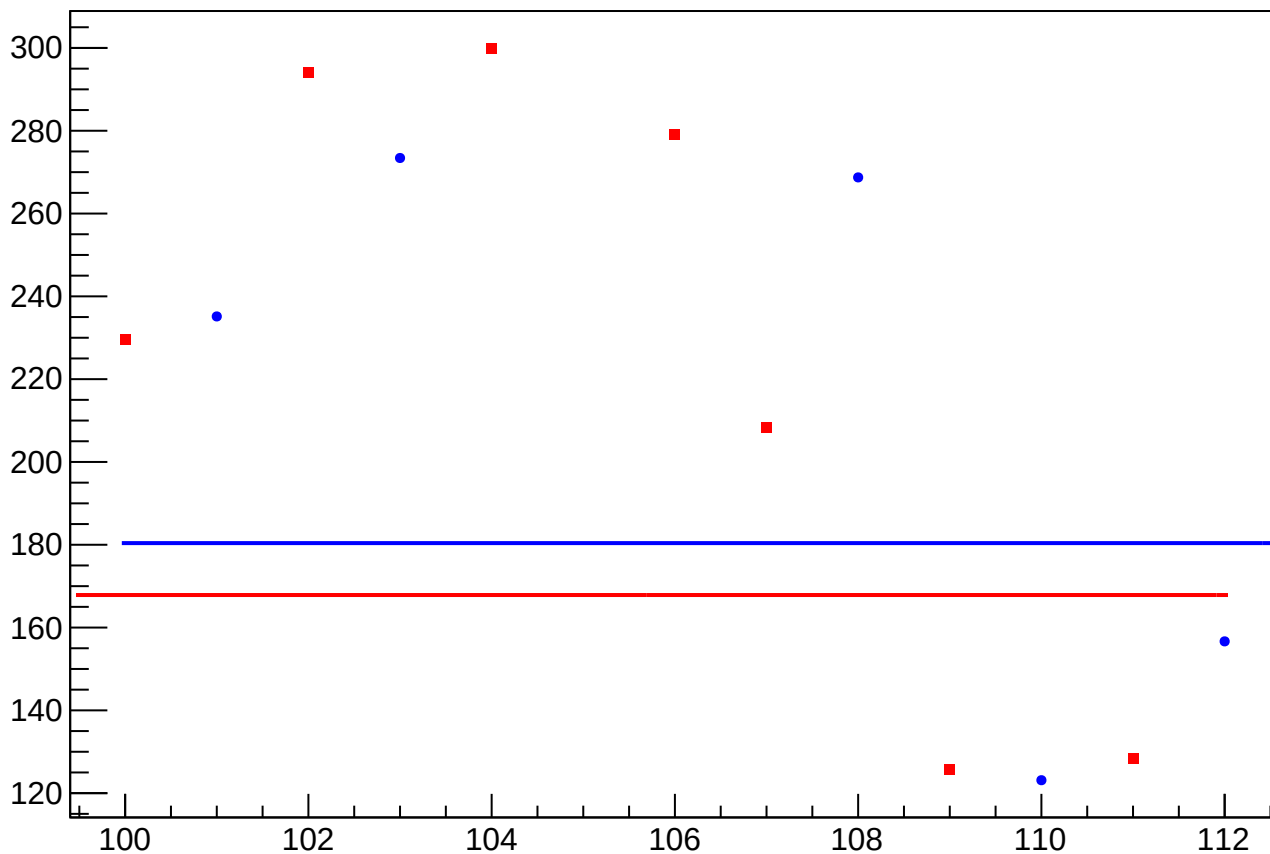
Right: -465.373+/-81.863 χ^2/NDF : 229.8/11

In: -342.619+/-120.941 χ^2/NDF : 155.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -465.373+/-81.863 χ^2/NDF : 229.8/11

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 180.399+/-0.086 χ^2/NDF : 469416.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.859+/-0.079 χ^2/NDF : 738814.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

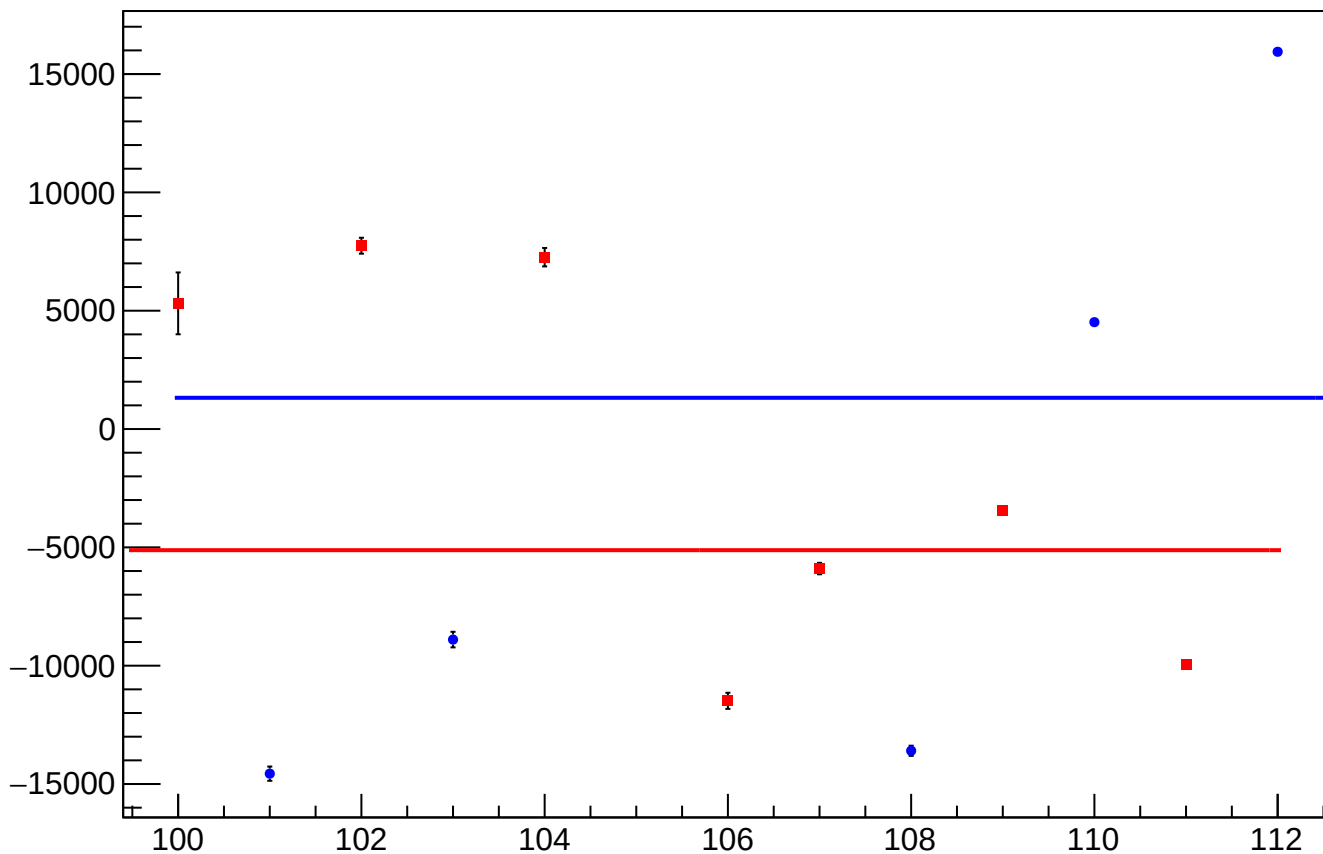
Right: 173.605+/-0.058 χ^2/NDF : 1219879.9/11

In: 180.399+/-0.086 χ^2/NDF : 469416.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.605+/-0.058 χ^2/NDF : 1219879.9/11

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 1320.367+/-96.051 χ^2/NDF : 16001.1/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -5118.722+/-90.541 χ^2/NDF : 3979.6/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

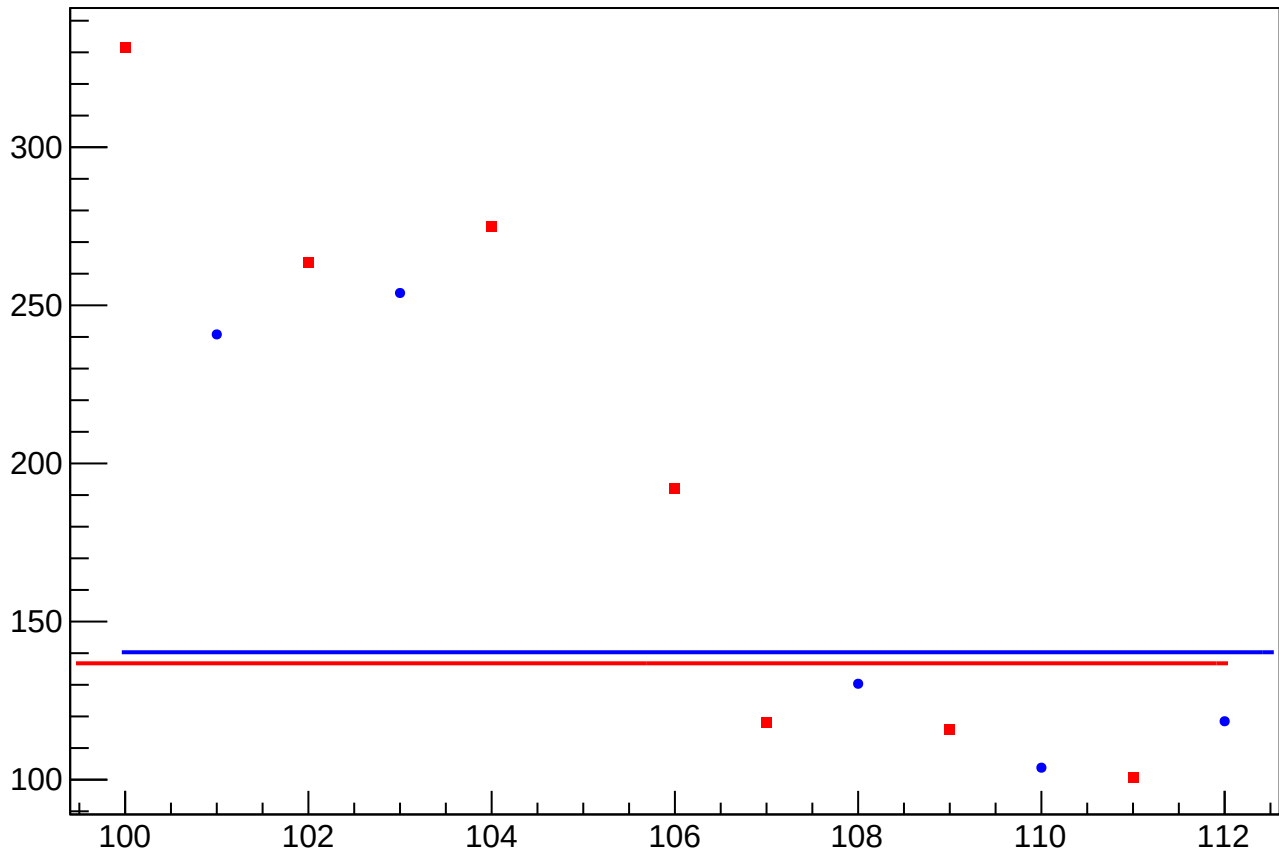
Right: -2089.165+/-65.884 χ^2/NDF : 22360.3/11

In: 1320.367+/-96.051 χ^2/NDF :16001.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2089.165+/-65.884 χ^2/NDF : 22360.3/11

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 140.295+/-0.068 χ^2/NDF : 585277.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.798+/-0.064 χ^2/NDF : 786429.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

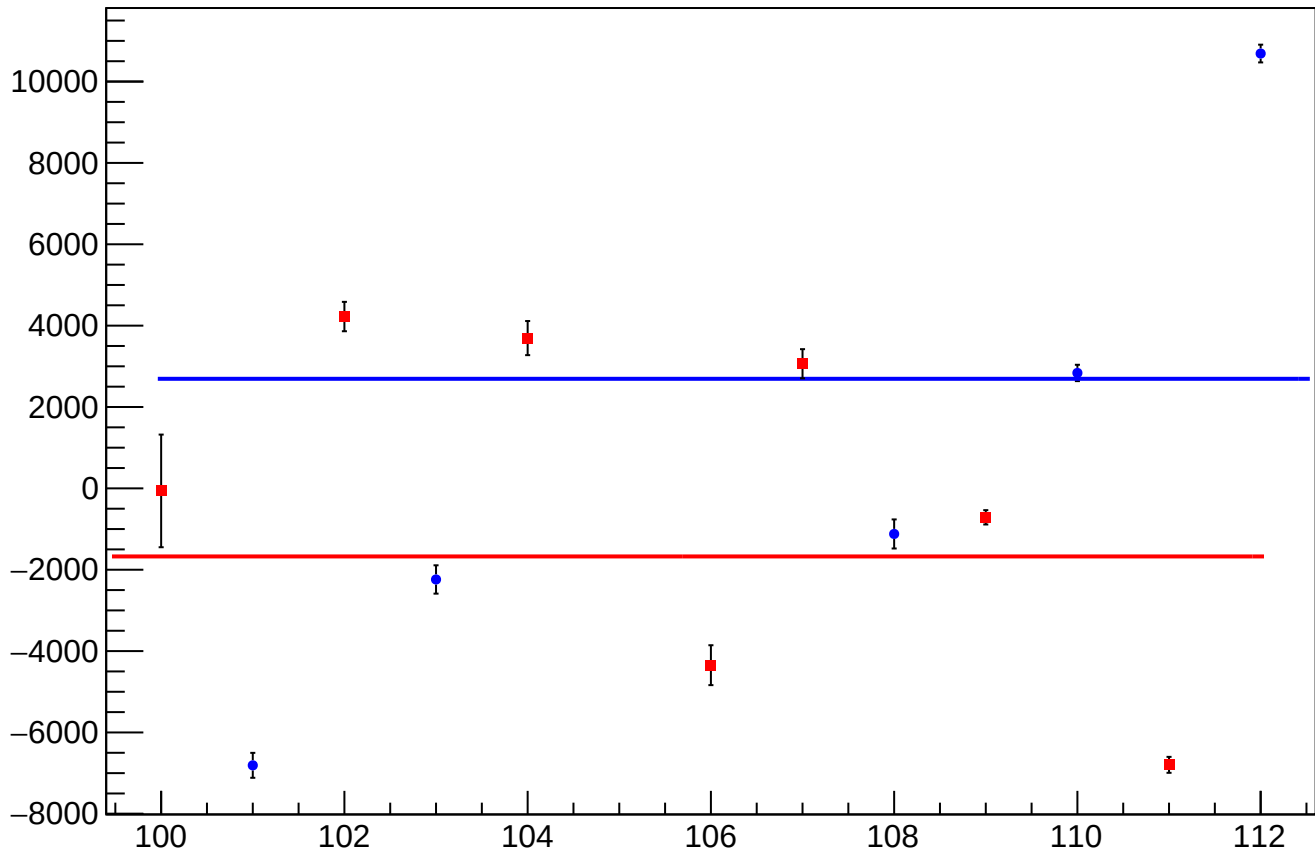
Right: 138.443+/-0.047 χ^2/NDF : 1373110.5/11

In: 140.295+/-0.068 χ^2/NDF : 585277.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.443+/-0.047 χ^2/NDF : 1373110.5/11

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 2693.147+/-117.394 χ^2/NDF : 2619.8/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1673.330+/-109.041 χ^2/NDF : 1348.4/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

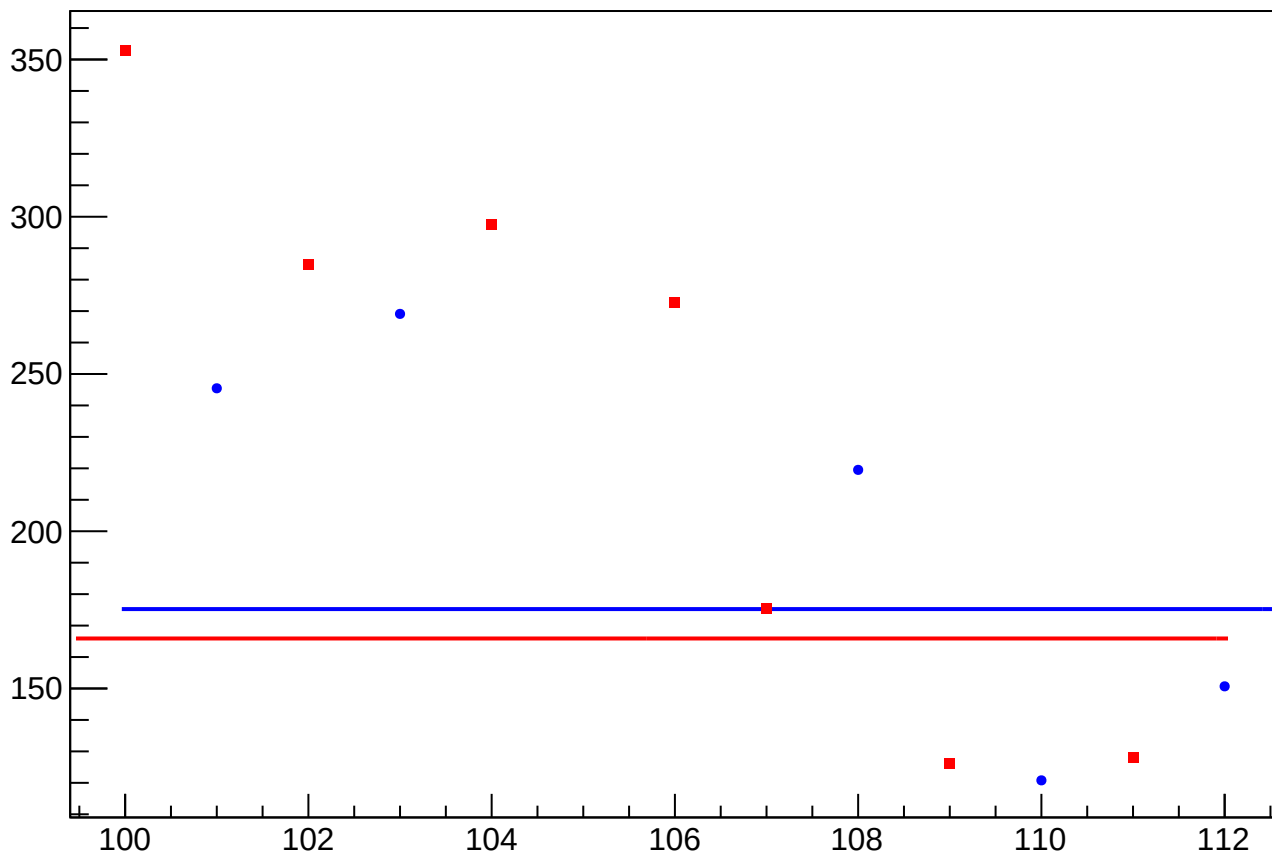
Right: 349.052+/-79.894 χ^2/NDF : 4710.9/11

In: 2693.147+/-117.394 χ^2/NDF :2619.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 349.052+/-79.894 χ^2/NDF : 4710.9/11

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 175.249+/-0.083 χ^2/NDF : 453441.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.900+/-0.077 χ^2/NDF : 724315.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

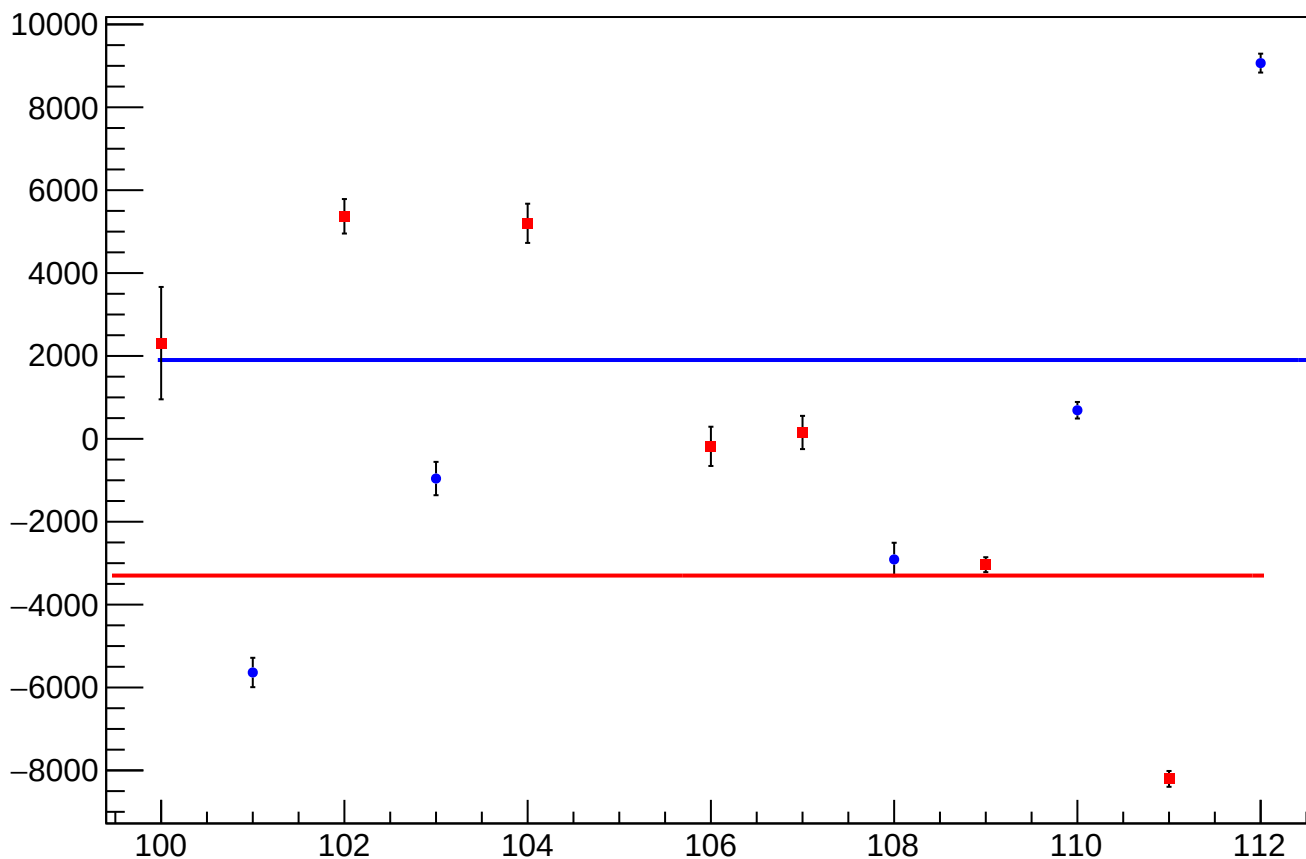
Right: 170.230+/-0.056 χ^2/NDF : 1184567.4/11

In: 175.249+/-0.083 χ^2/NDF : 453441.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.230+/-0.056 χ^2/NDF : 1184567.4/11

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 1902.037+/-124.388 χ^2/NDF : 1671.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3298.808+/-112.063 χ^2/NDF : 1554.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

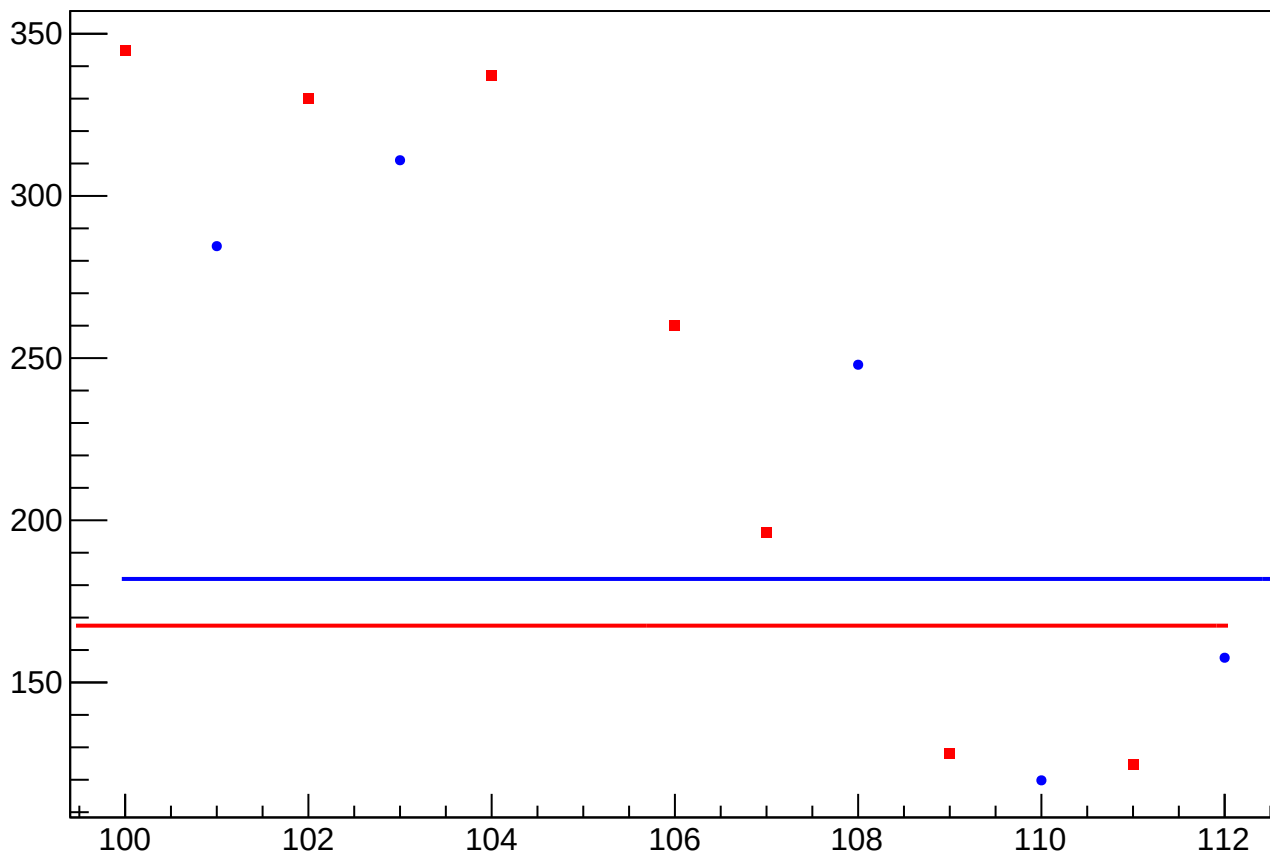
Right: -968.737+/-83.258 χ^2/NDF : 4190.0/11

In: 1902.037+/-124.388 χ^2/NDF : 1671.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -968.737+/-83.258 χ^2/NDF : 4190.0/11

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 181.914 $\pm$ 0.088 χ^2 /NDF: 643638.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 167.513 $\pm$ 0.079 χ^2 /NDF: 878943.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

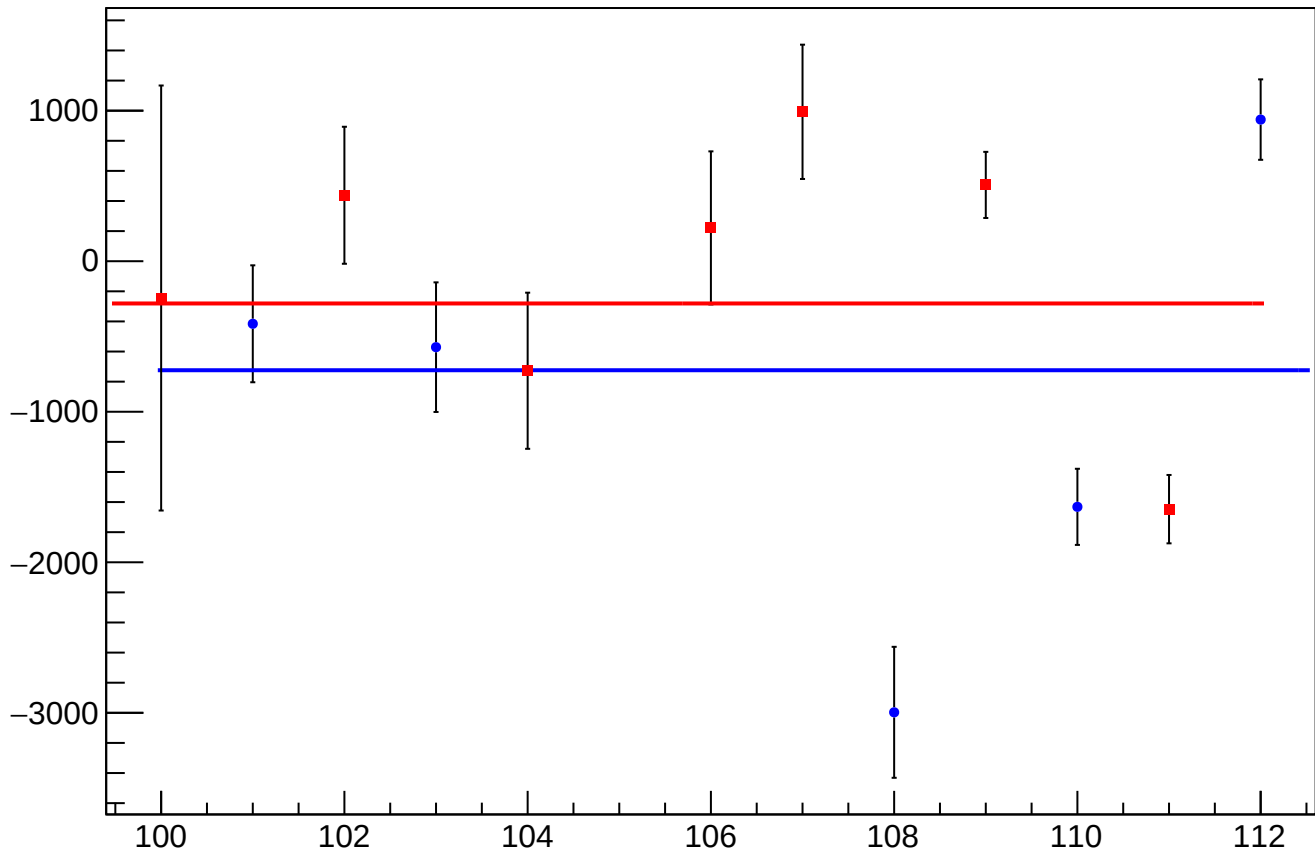
Right: 173.965 $\pm$ 0.059 χ^2 /NDF: 1537378.7/11

In: 181.914 $\pm$ 0.088 χ^2 /NDF:643638.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 173.965 $\pm$ 0.059 χ^2 /NDF: 1537378.7/11

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -724.235+/-145.937 χ^2/NDF : 79.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -280.687+/-131.241 χ^2/NDF : 61.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

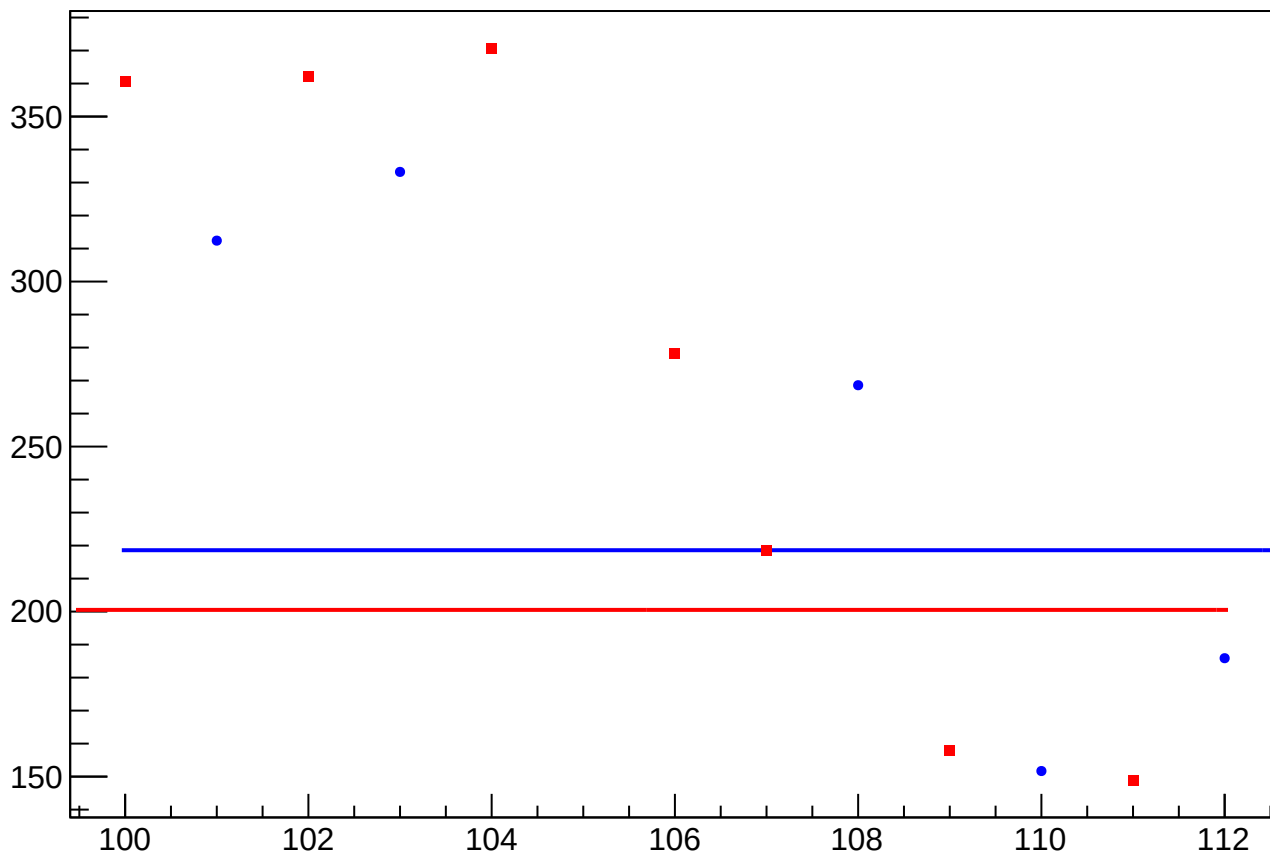
Right: -479.010+/-97.585 χ^2/NDF : 146.3/11

In: -724.235+/-145.937 χ^2/NDF : 79.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -479.010+/-97.585 χ^2/NDF : 146.3/11

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 218.598+/-0.103 χ^2/NDF : 454877.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 200.515+/-0.093 χ^2/NDF : 720617.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

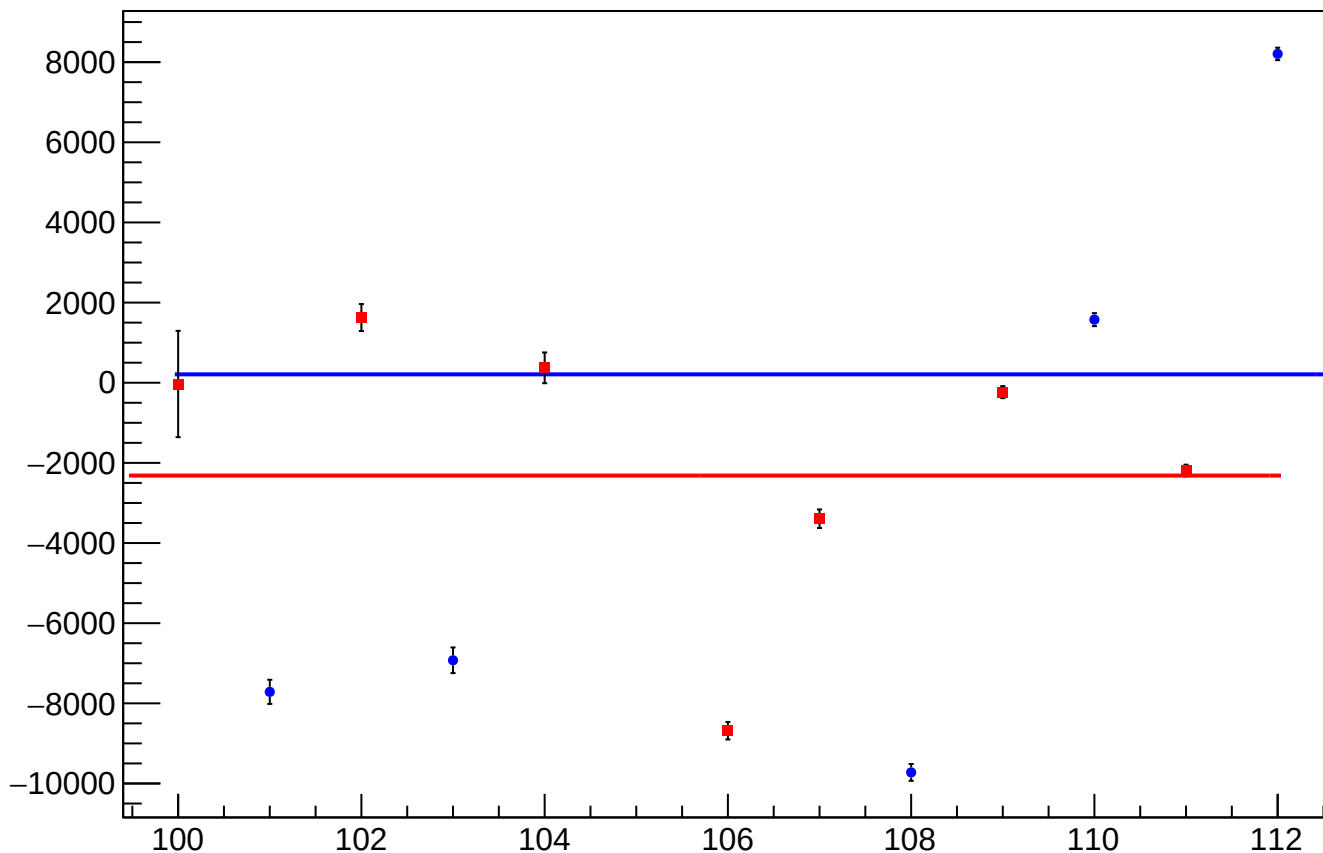
Right: 208.600+/-0.069 χ^2/NDF : 1192473.4/11

In: 218.598+/-0.103 χ^2/NDF : 454877.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 208.600+/-0.069 χ^2/NDF : 1192473.4/11

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: 209.495+/-90.219 χ^2/NDF : 6143.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2316.665+/-82.478 χ^2/NDF : 1250.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

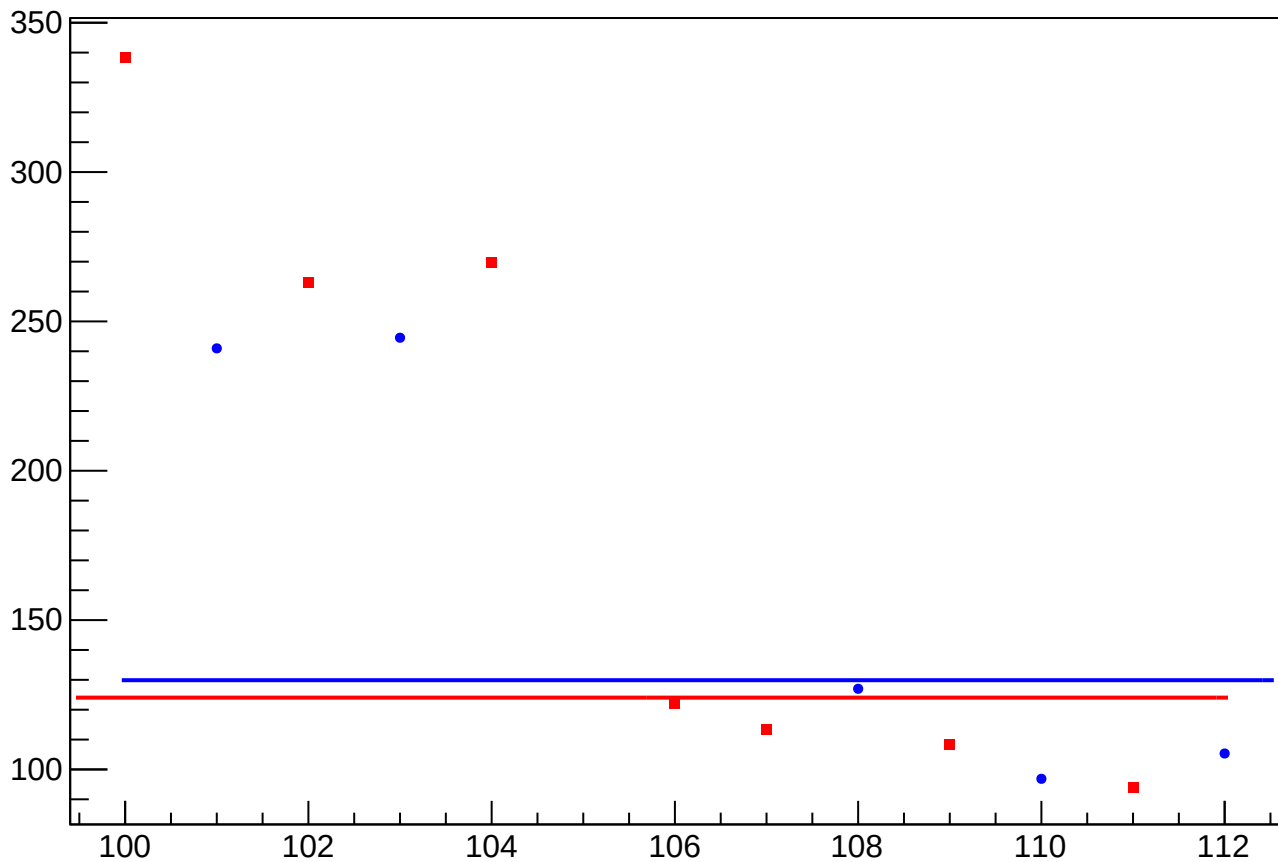
Right: -1166.592+/-60.874 χ^2/NDF : 7821.0/11

In: 209.495+/-90.219 χ^2/NDF : 6143.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1166.592+/-60.874 χ^2/NDF : 7821.0/11

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 129.876+/-0.064 χ^2/NDF : 660152.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.046+/-0.058 χ^2/NDF : 795666.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

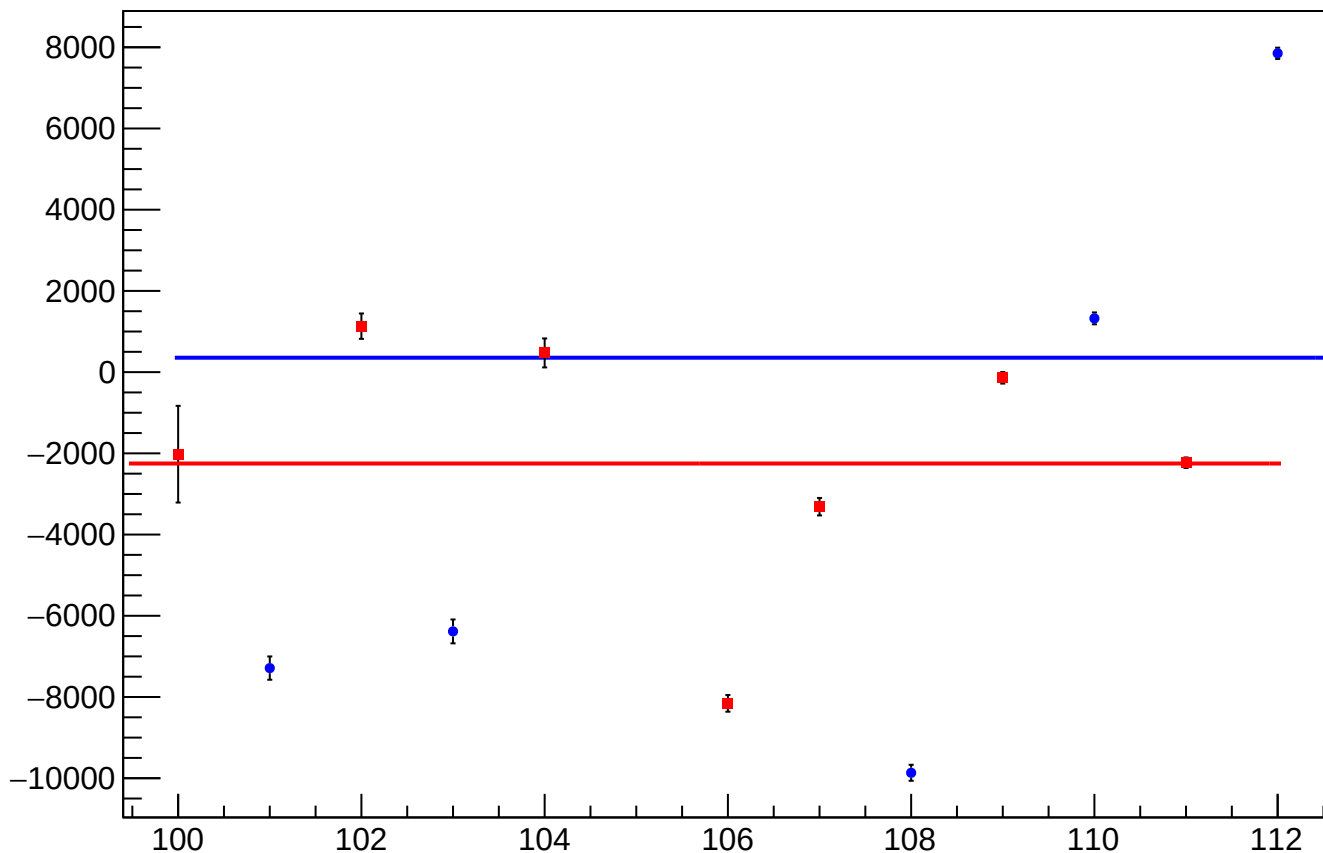
Right: 126.700+/-0.043 χ^2/NDF : 1460369.4/11

In: 129.876+/-0.064 χ^2/NDF : 660152.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.700+/-0.043 χ^2/NDF : 1460369.4/11

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 355.237+/-82.191 χ^2/NDF : 6888.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2250.178+/-75.806 χ^2/NDF : 1251.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

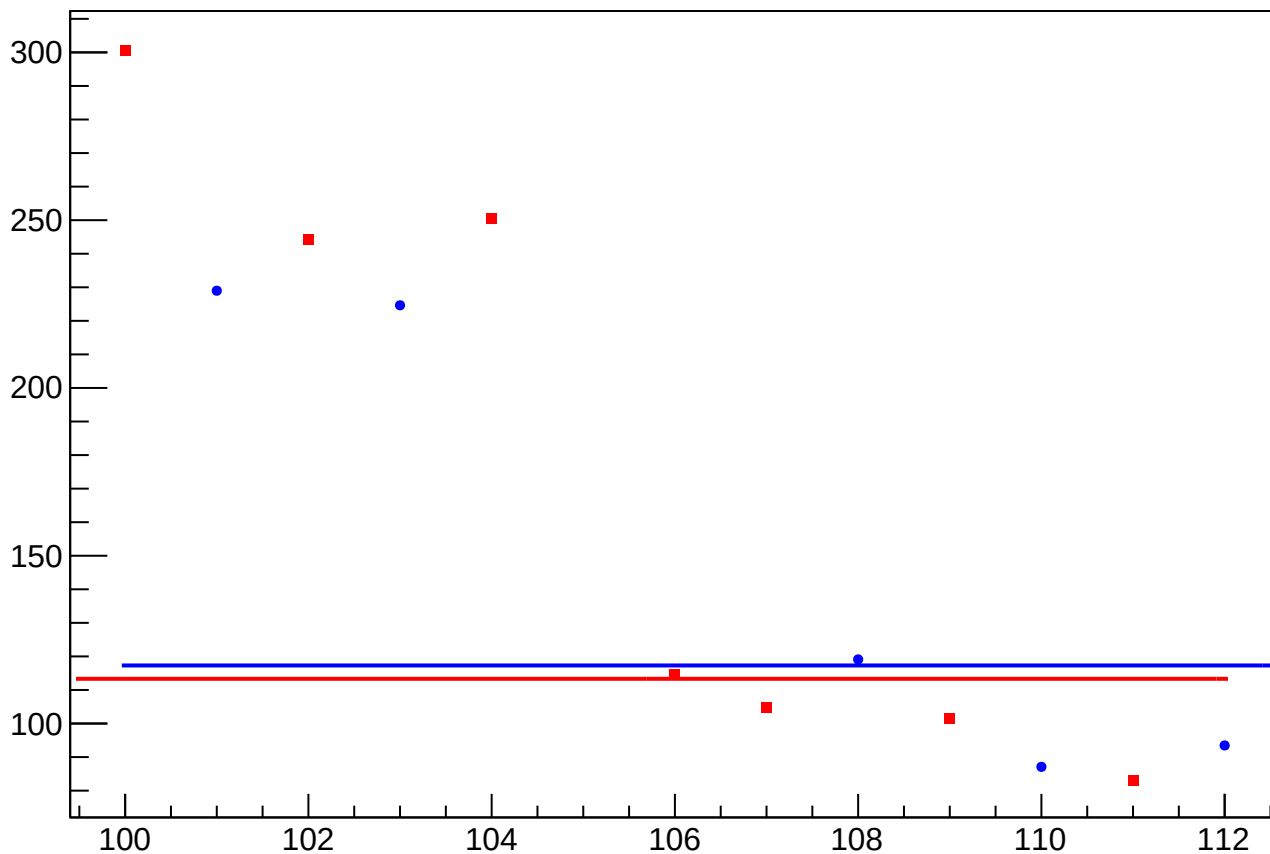
Right: -1052.589+/-55.724 χ^2/NDF : 8682.7/11

In: 355.237+/-82.191 χ^2/NDF : 6888.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1052.589+/-55.724 χ^2/NDF : 8682.7/11

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 117.305 $\pm$ 0.058 χ^2 /NDF: 714131.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 113.329 $\pm$ 0.054 χ^2 /NDF: 823091.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

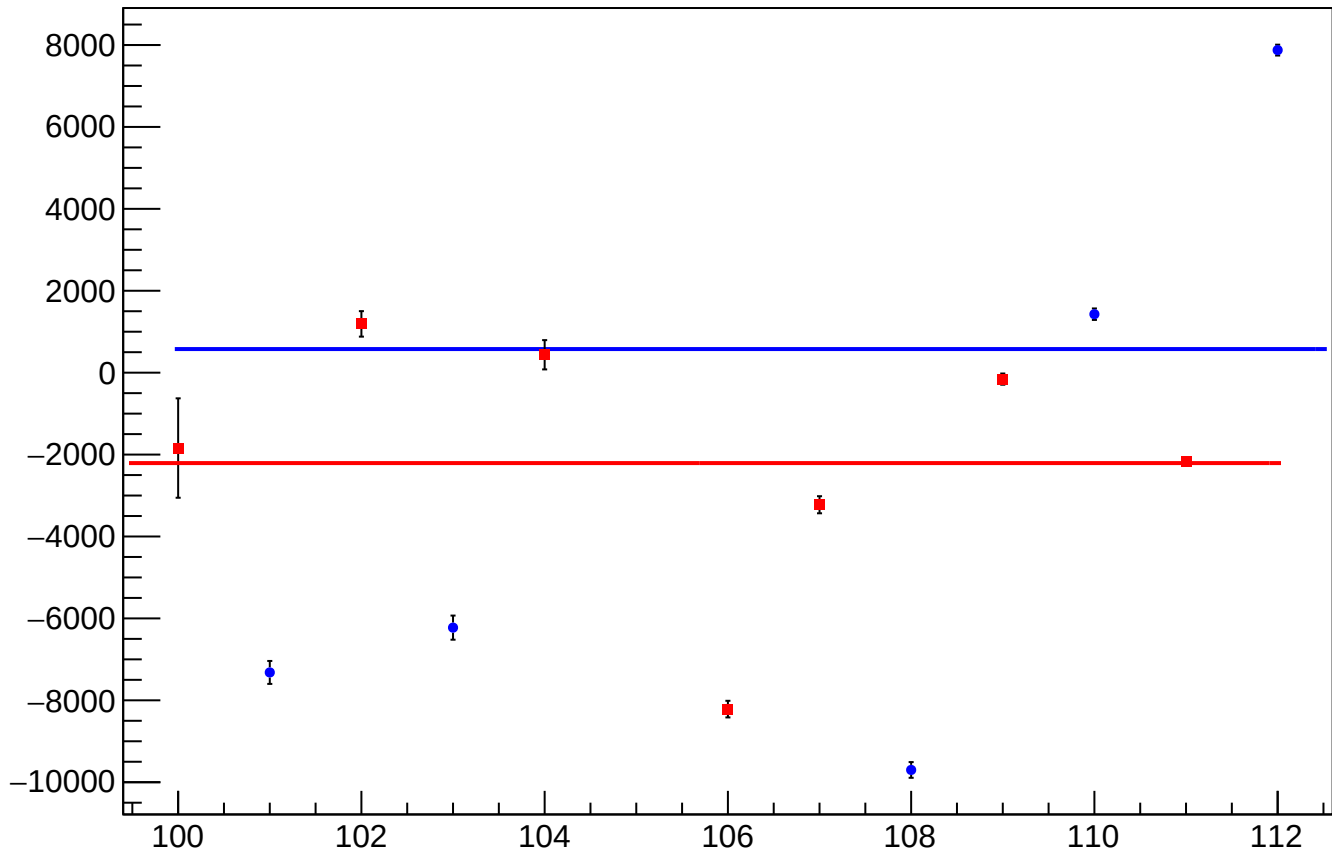
Right: 115.156 $\pm$ 0.039 χ^2 /NDF: 1539752.5/11

In: 117.305 $\pm$ 0.058 χ^2 /NDF: 714131.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 115.156 $\pm$ 0.039 χ^2 /NDF: 1539752.5/11

asym_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: 576.520+/-79.241 χ^2 /NDF: 7262.6/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2207.558+/-72.789 χ^2 /NDF: 1300.4/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

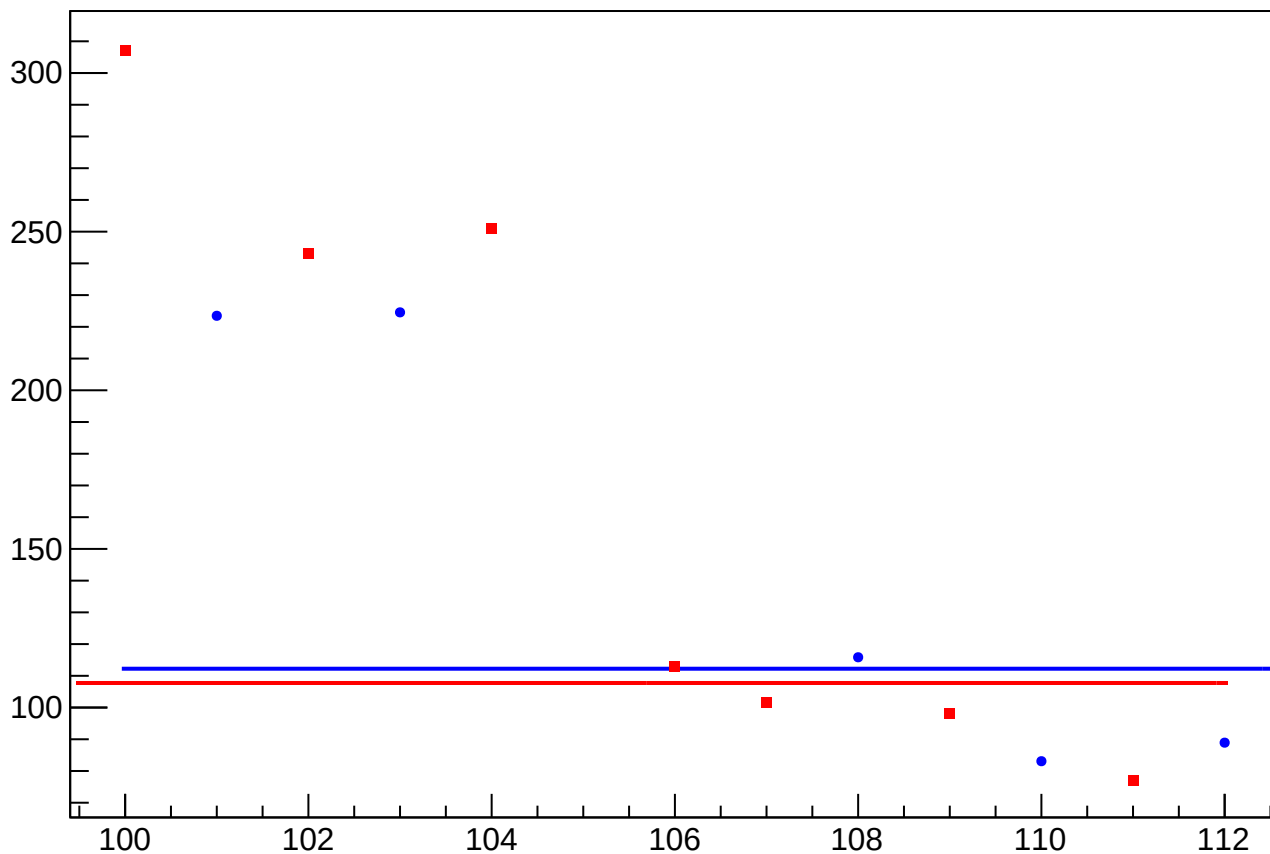
Right: -933.466+/-53.606 χ^2 /NDF: 9232.6/11

In: 576.520+/-79.241 χ^2 /NDF:7262.6/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -933.466+/-53.606 χ^2 /NDF: 9232.6/11

asym_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 112.237+/-0.056 χ^2/NDF : 755382.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.739+/-0.051 χ^2/NDF : 897285.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

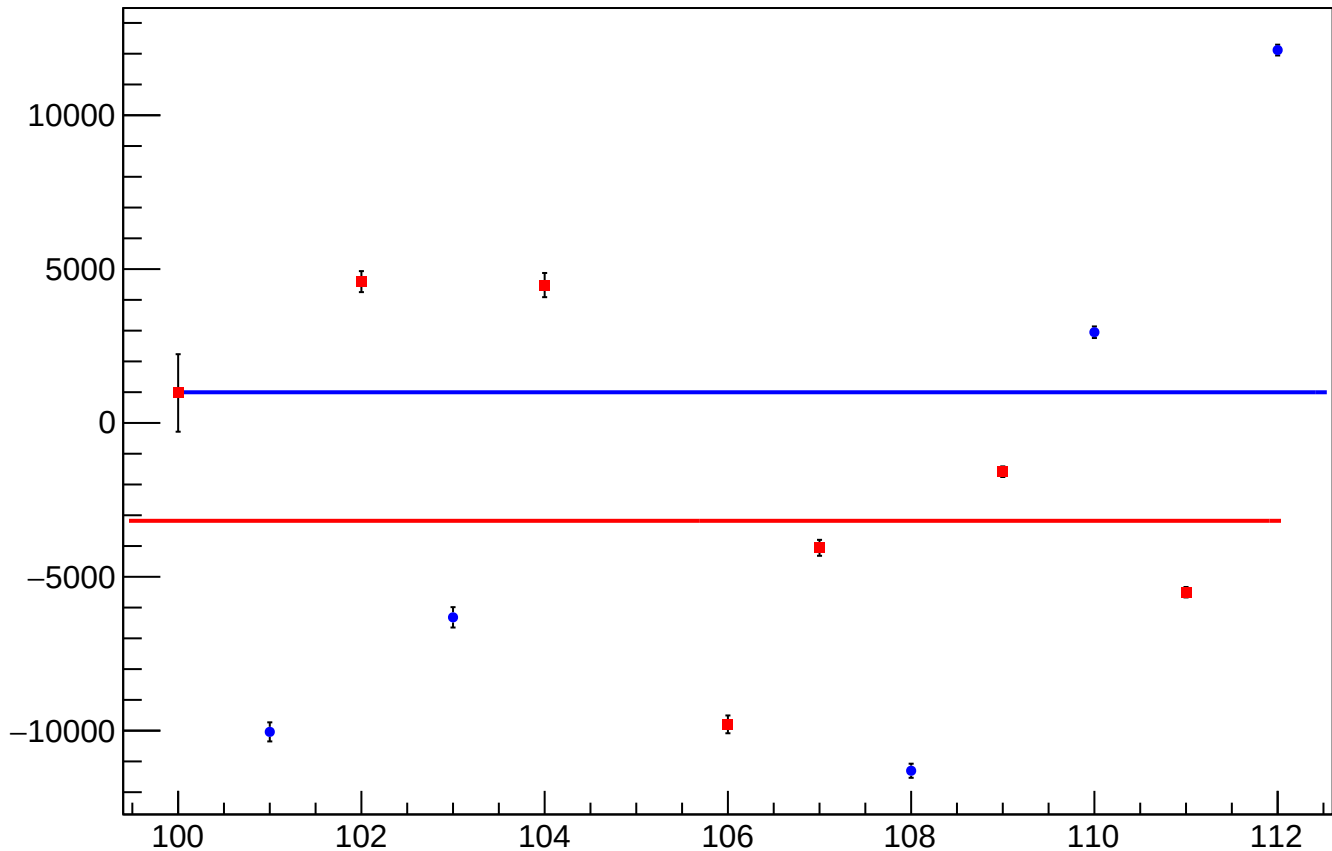
Right: 109.797+/-0.038 χ^2/NDF : 1656162.0/11

In: 112.237+/-0.056 χ^2/NDF : 755382.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.797+/-0.038 χ^2/NDF : 1656162.0/11

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 997.009+/-100.385 χ^2 /NDF: 8758.3/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -3180.345+/-94.875 χ^2 /NDF: 1717.8/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

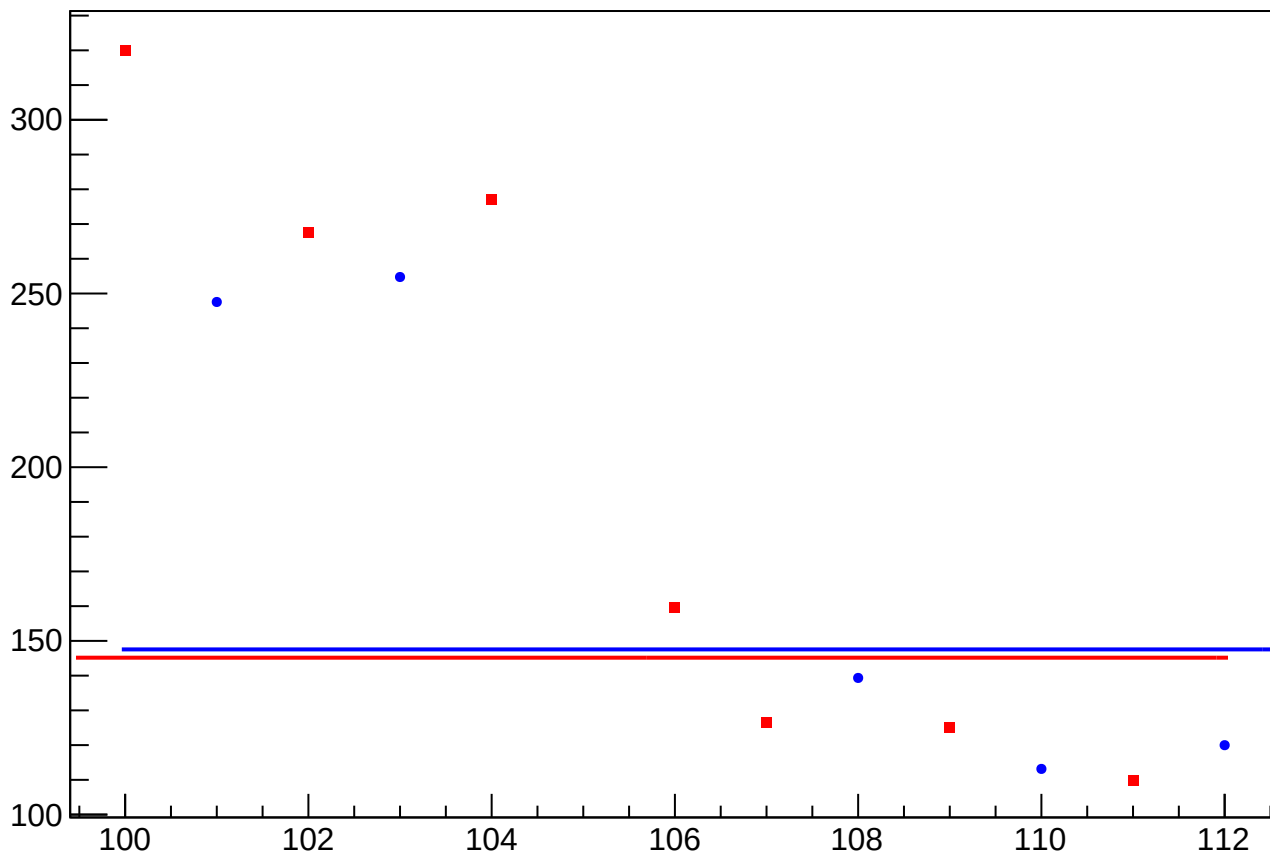
Right: -1209.435+/-68.952 χ^2 /NDF: 11390.8/11

In: 997.009+/-100.385 χ^2 /NDF:8758.3/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1209.435+/-68.952 χ^2 /NDF: 11390.8/11

asym_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 147.550+/-0.071 χ^2/NDF : 536961.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.166+/-0.067 χ^2/NDF : 650232.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

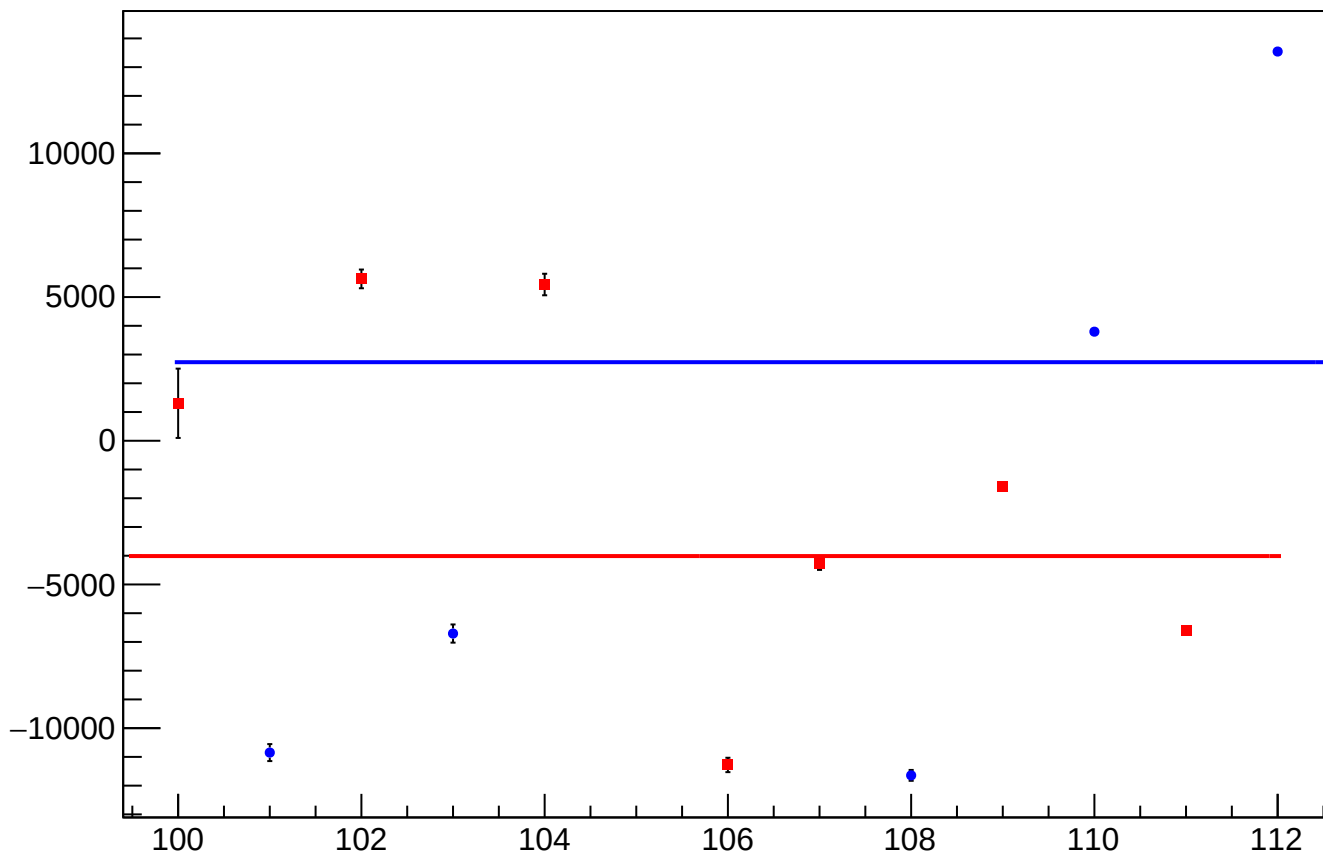
Right: 146.291+/-0.049 χ^2/NDF : 1187790.4/11

In: 147.550+/-0.071 χ^2/NDF : 536961.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 146.291+/-0.049 χ^2/NDF : 1187790.4/11

asym_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 2734.263+/-80.252 χ^2/NDF : 15336.8/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4011.988+/-75.215 χ^2/NDF : 3145.6/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

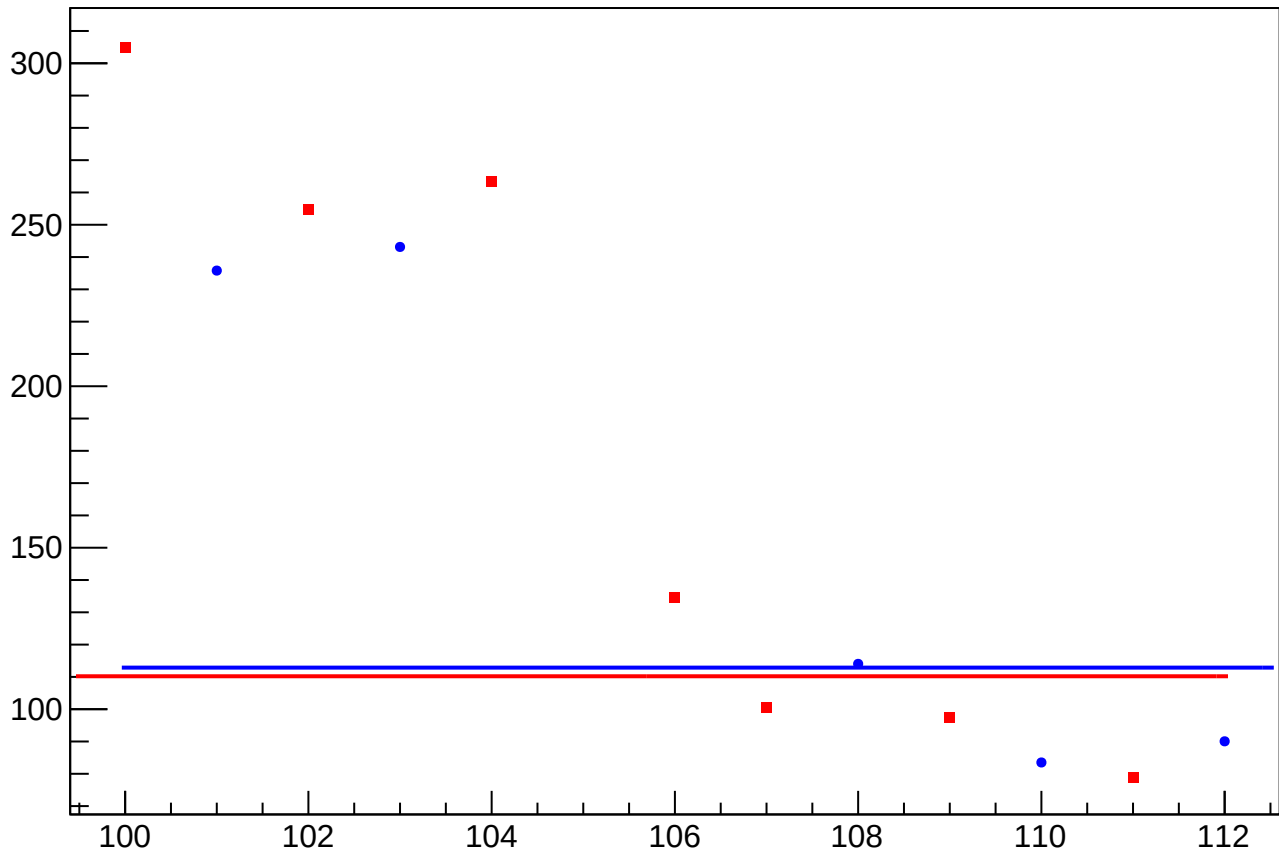
Right: -857.206+/-54.879 χ^2/NDF : 22244.4/11

In: 2734.263+/-80.252 χ^2/NDF :15336.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -857.206+/-54.879 χ^2/NDF : 22244.4/11

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 112.876+/-0.057 χ^2/NDF : 830333.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.197+/-0.053 χ^2/NDF : 951599.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

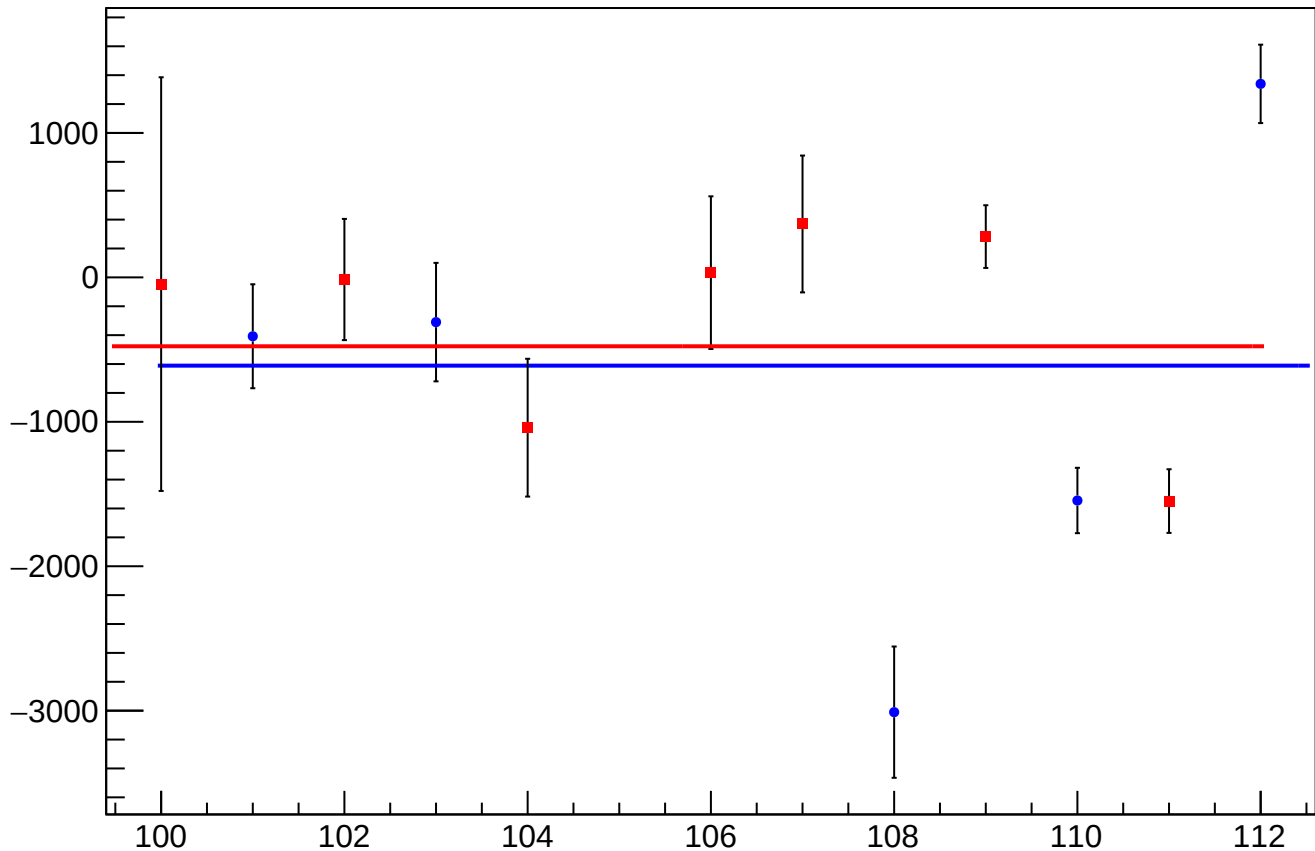
Right: 111.449+/-0.039 χ^2/NDF : 1783119.2/11

In: 112.876+/-0.057 χ^2/NDF : 830333.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.449+/-0.039 χ^2/NDF : 1783119.2/11

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -611.122+/-139.209 χ^2/NDF : 97.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -477.011+/-128.638 χ^2/NDF : 42.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

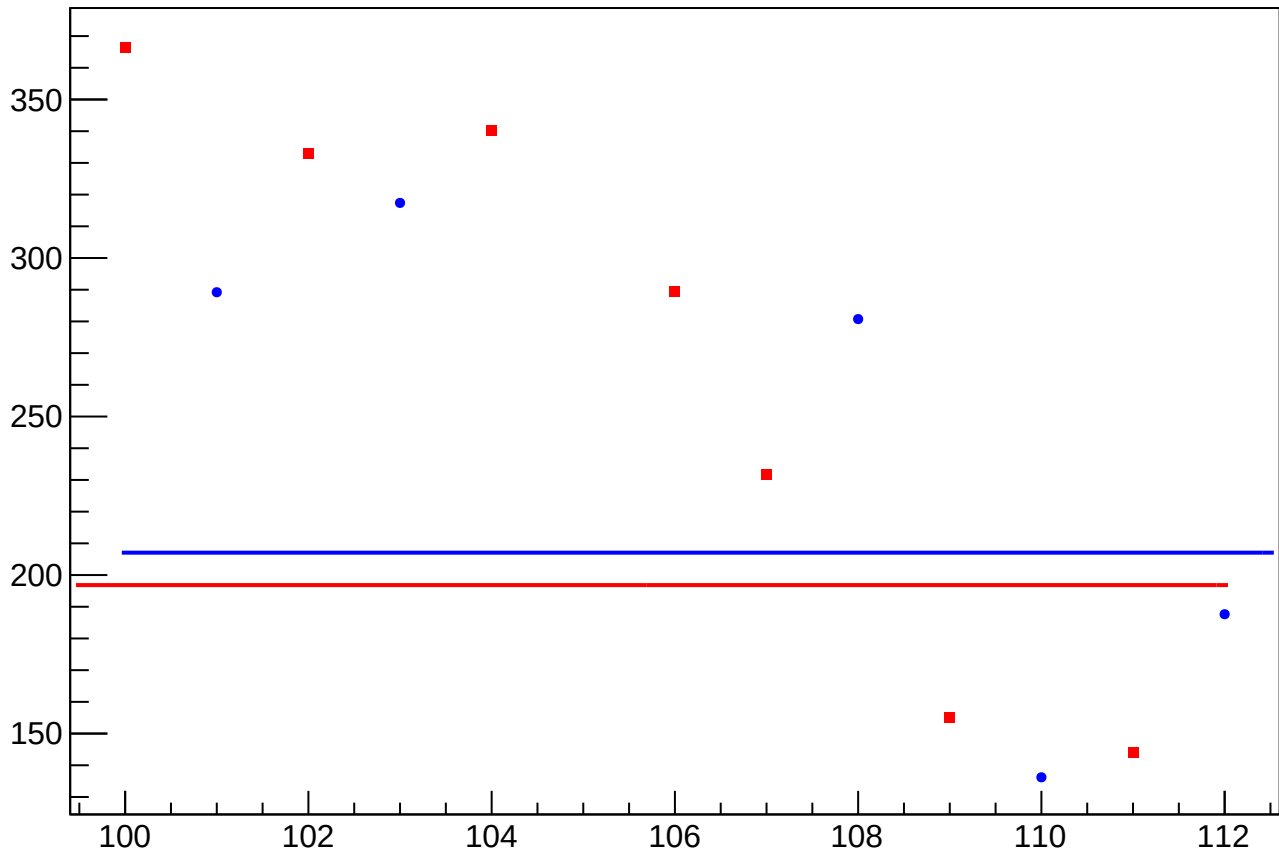
Right: -538.782+/-94.477 χ^2/NDF : 140.6/11

In: -611.122+/-139.209 χ^2/NDF : 97.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -538.782+/-94.477 χ^2/NDF : 140.6/11

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 207.064+/-0.098 χ^2/NDF : 507714.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 196.835+/-0.091 χ^2/NDF : 679928.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

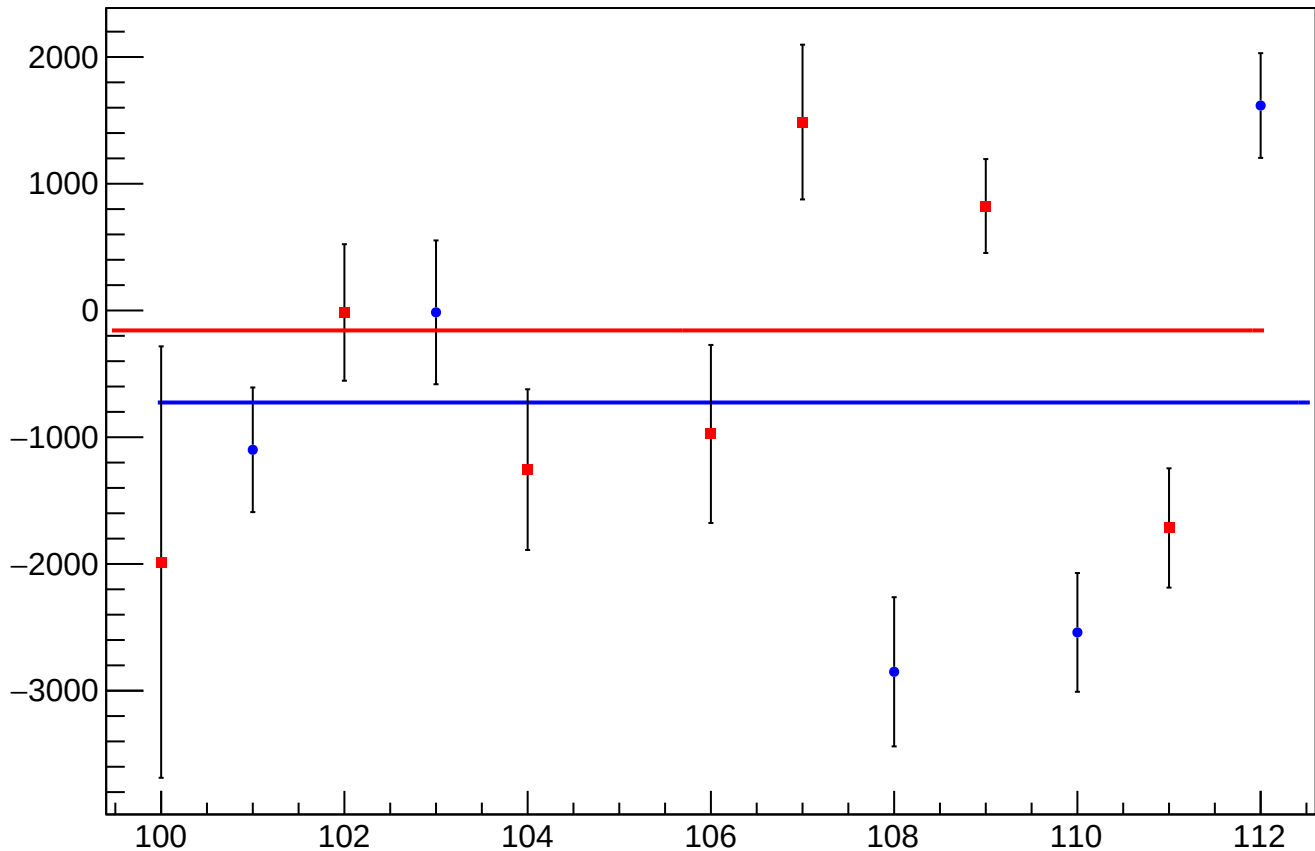
Right: 201.547+/-0.067 χ^2/NDF : 1193467.3/11

In: 207.064+/-0.098 χ^2/NDF : 507714.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 201.547+/-0.067 χ^2/NDF : 1193467.3/11

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: -725.989 ± 220.601 χ^2/NDF : 62.4/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -157.328 ± 209.430 χ^2/NDF : 30.8/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

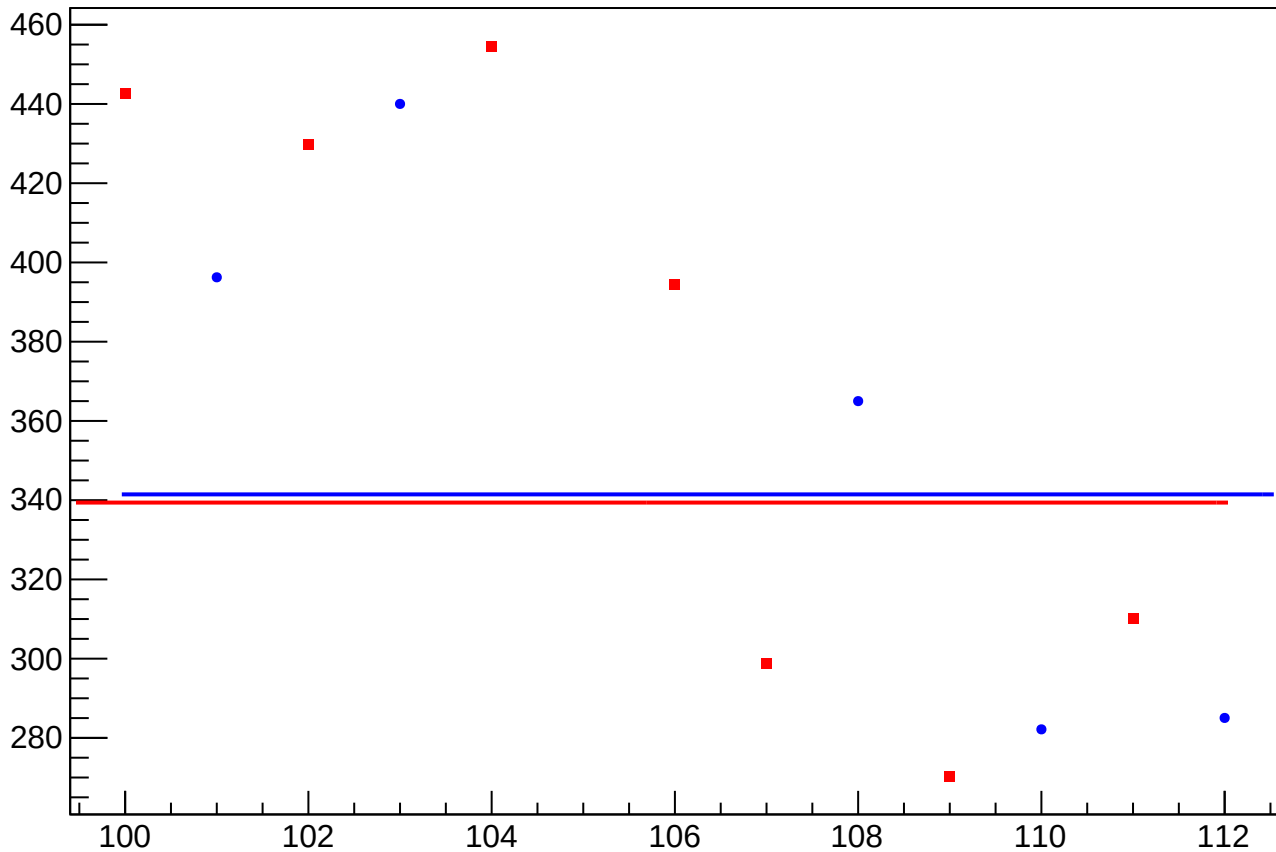
Right: -426.896 ± 151.885 χ^2/NDF : 96.7/11

In: -725.989 ± 220.601 χ^2/NDF : 62.4/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -426.896 ± 151.885 χ^2/NDF : 96.7/11

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 341.462+/-0.156 χ^2/NDF : 157755.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 339.394+/-0.148 χ^2/NDF : 228370.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

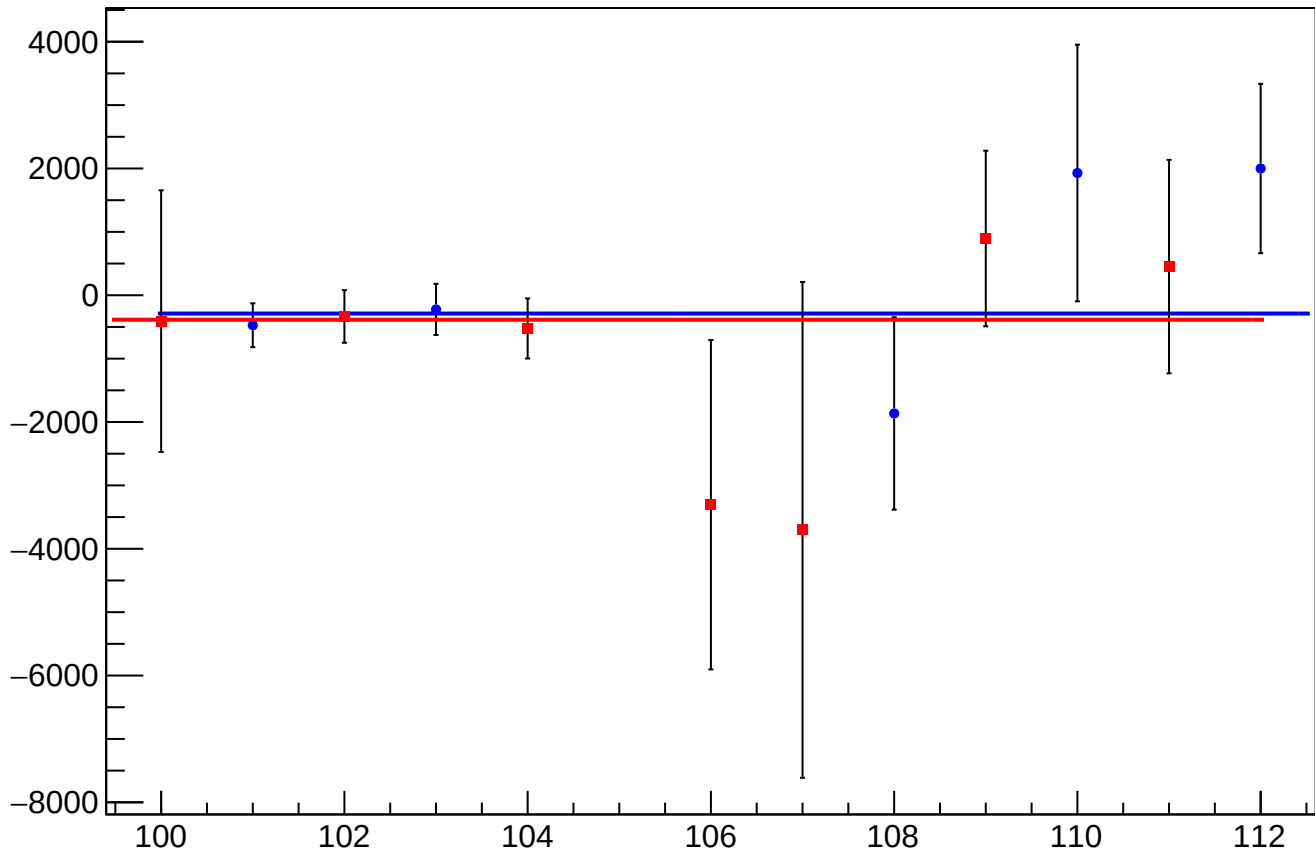
Right: 340.374+/-0.107 χ^2/NDF : 386218.6/11

In: 341.462+/-0.156 χ^2/NDF : 157755.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 340.374+/-0.107 χ^2/NDF : 386218.6/11

asym_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: -288.679+/-252.224 χ^2/NDF : 5.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -386.427+/-293.958 χ^2/NDF : 3.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

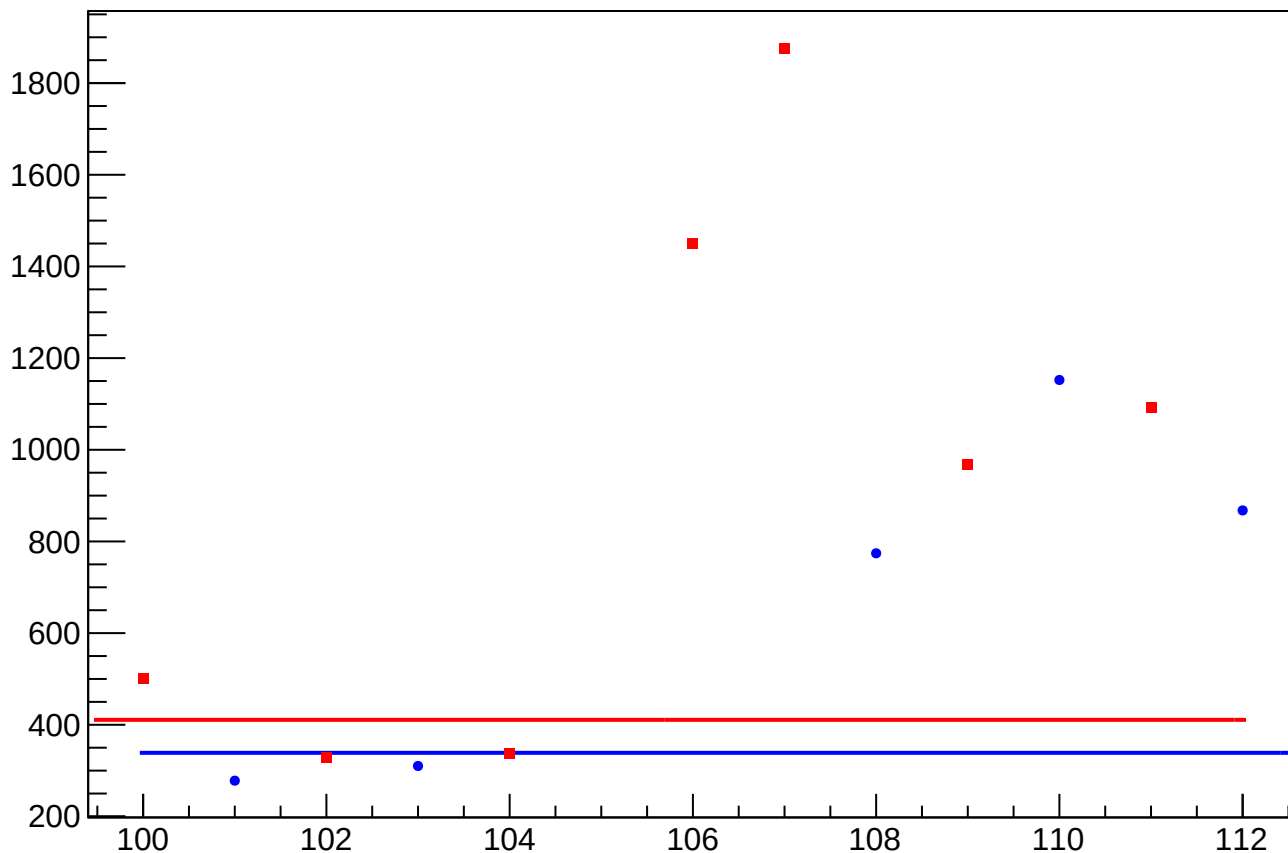
Right: -330.127+/-191.419 χ^2/NDF : 8.8/11

In: -288.679+/-252.224 χ^2/NDF : 5.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -330.127+/-191.419 χ^2/NDF : 8.8/11

asym_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 338.886+/-0.178 χ^2/NDF : 872618.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 410.792+/-0.208 χ^2/NDF : 1377981.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

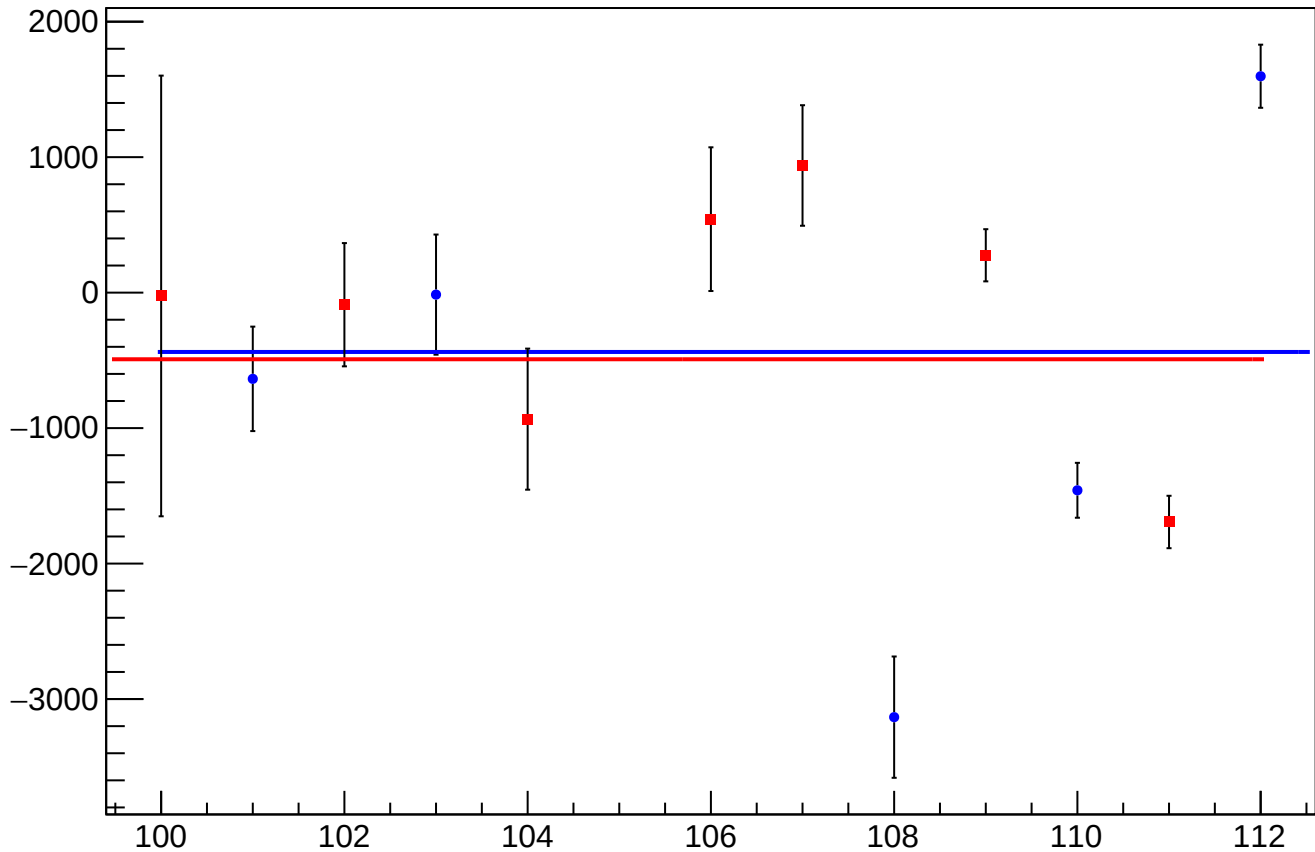
Right: 369.377+/-0.135 χ^2/NDF : 2319525.8/11

In: 338.886+/-0.178 χ^2/NDF : 872618.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 369.377+/-0.135 χ^2/NDF : 2319525.8/11

asym_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: -437.944+/-129.537 χ^2/NDF : 139.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -491.857+/-118.520 χ^2/NDF : 70.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

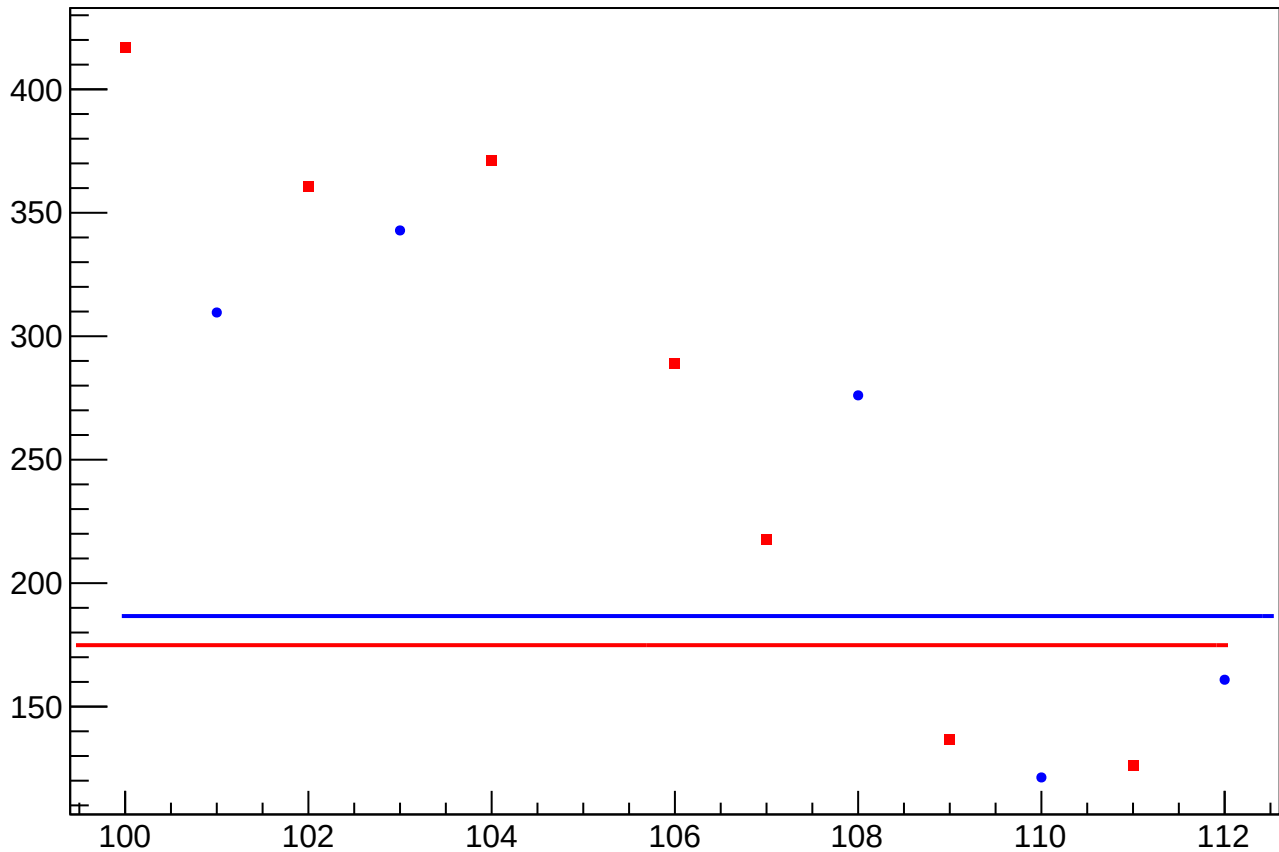
Right: -467.290+/-87.442 χ^2/NDF : 209.4/11

In: -437.944+/-129.537 χ^2/NDF : 139.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -467.290+/-87.442 χ^2/NDF : 209.4/11

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 186.675+/-0.092 χ^2/NDF : 763969.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.882+/-0.084 χ^2/NDF : 980240.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

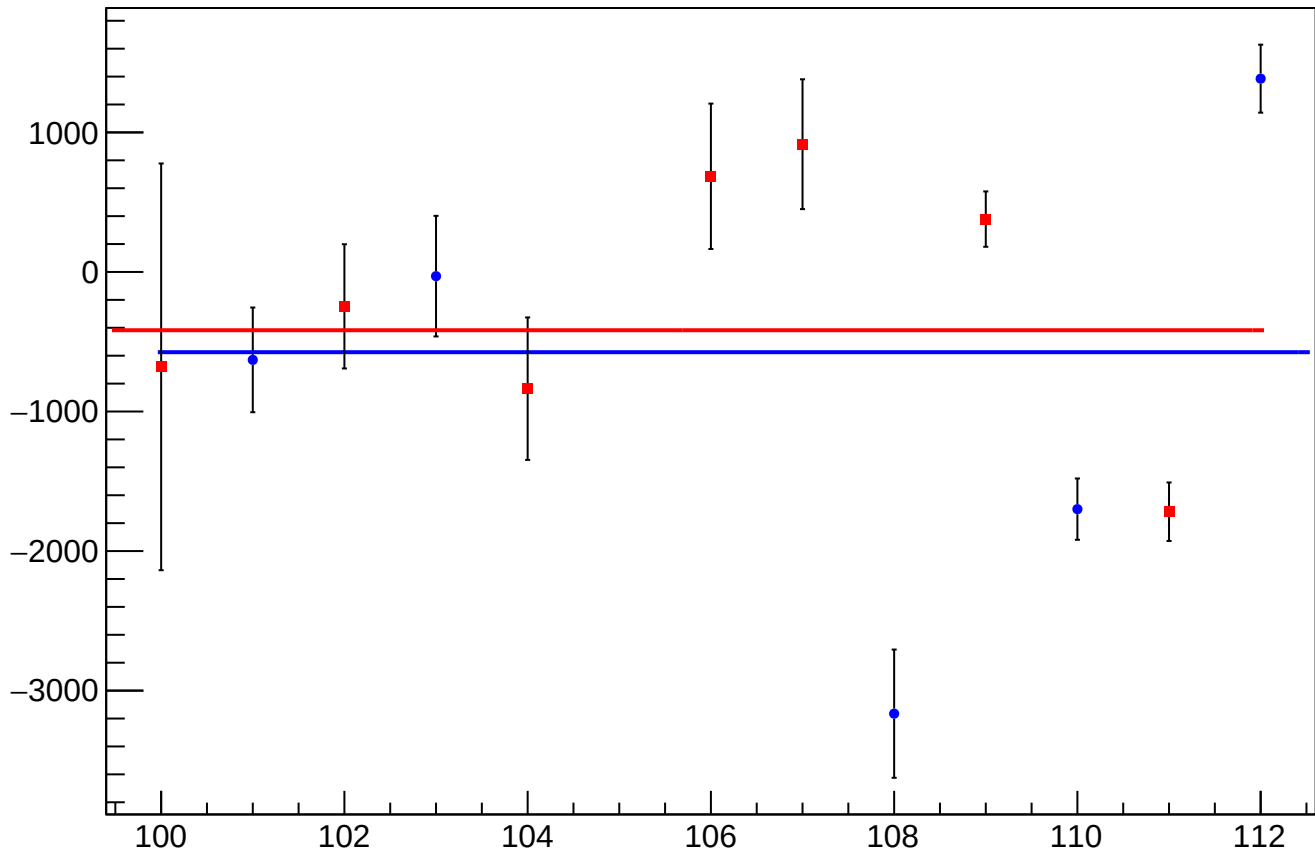
Right: 180.256+/-0.062 χ^2/NDF : 1753231.7/11

In: 186.675+/-0.092 χ^2/NDF : 763969.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.256+/-0.062 χ^2/NDF : 1753231.7/11

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: -574.916+/-135.134 χ^2 /NDF: 124.3/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -417.614+/-123.216 χ^2 /NDF: 68.2/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

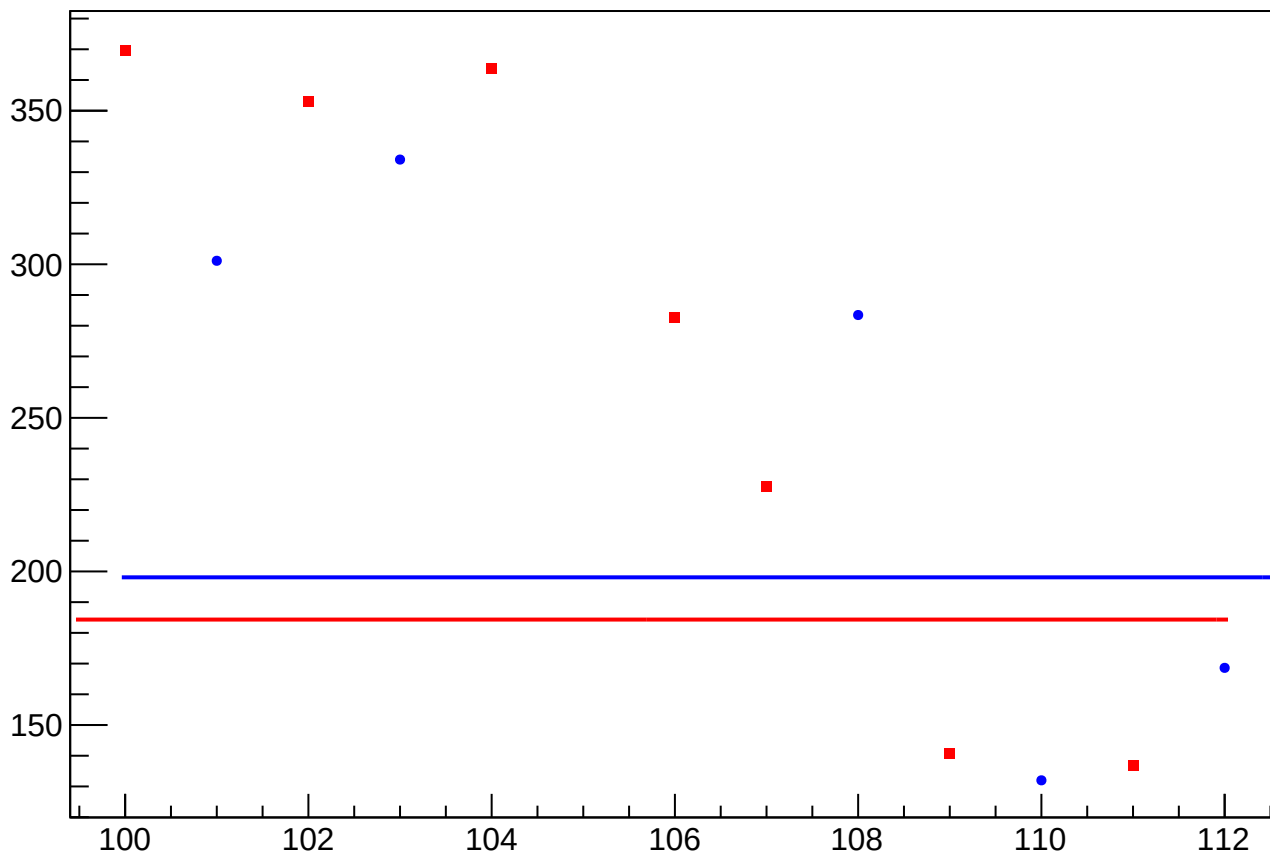
Right: -489.024+/-91.049 χ^2 /NDF: 193.2/11

In: -574.916+/-135.134 χ^2 /NDF:124.3/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -489.024+/-91.049 χ^2 /NDF: 193.2/11

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 198.082+/-0.096 χ^2/NDF : 628399.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 184.330+/-0.087 χ^2/NDF : 854306.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

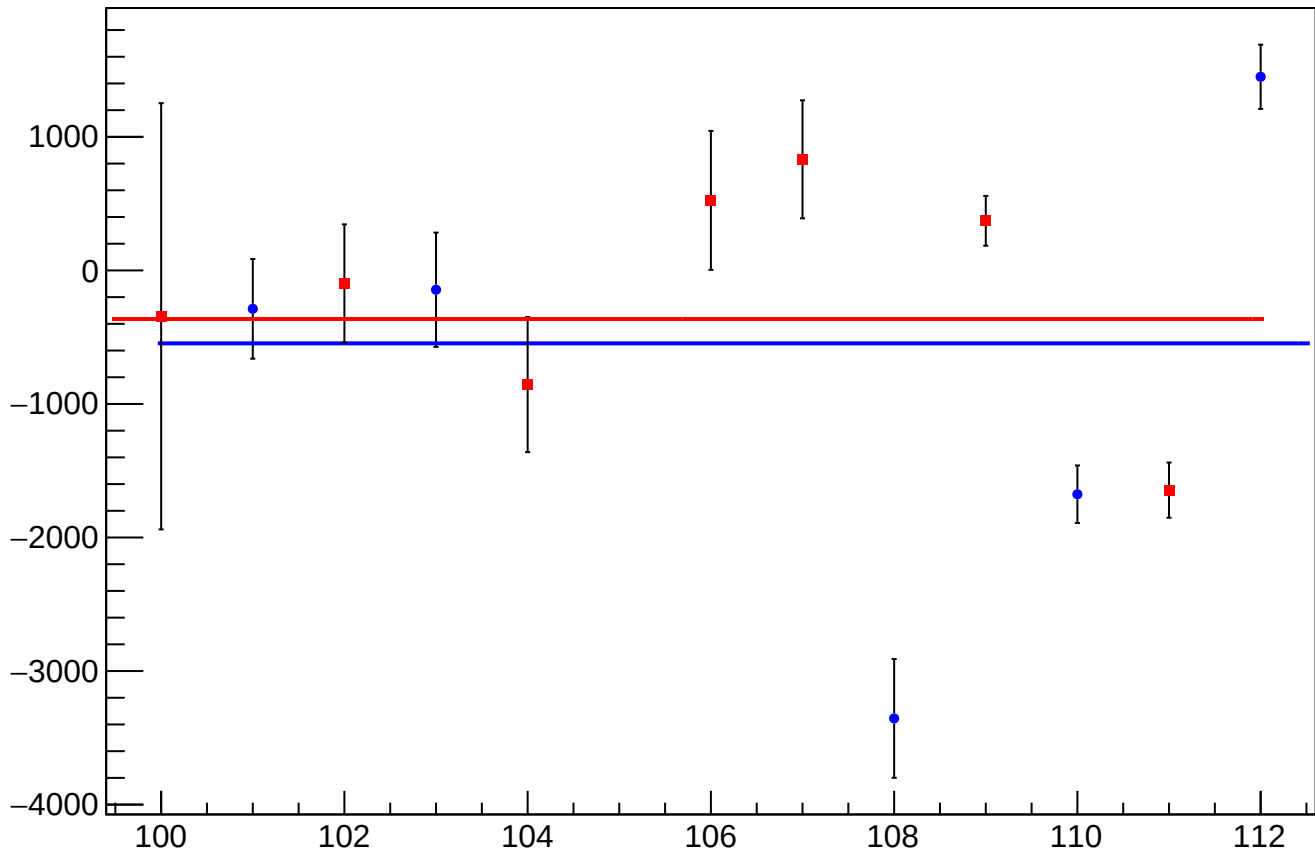
Right: 190.573+/-0.064 χ^2/NDF : 1494013.9/11

In: 198.082+/-0.096 χ^2/NDF : 628399.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 190.573+/-0.064 χ^2/NDF : 1494013.9/11

asym_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: -546.328+/-132.981 χ^2 /NDF: 137.7/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -363.787+/-119.190 χ^2 /NDF: 65.5/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

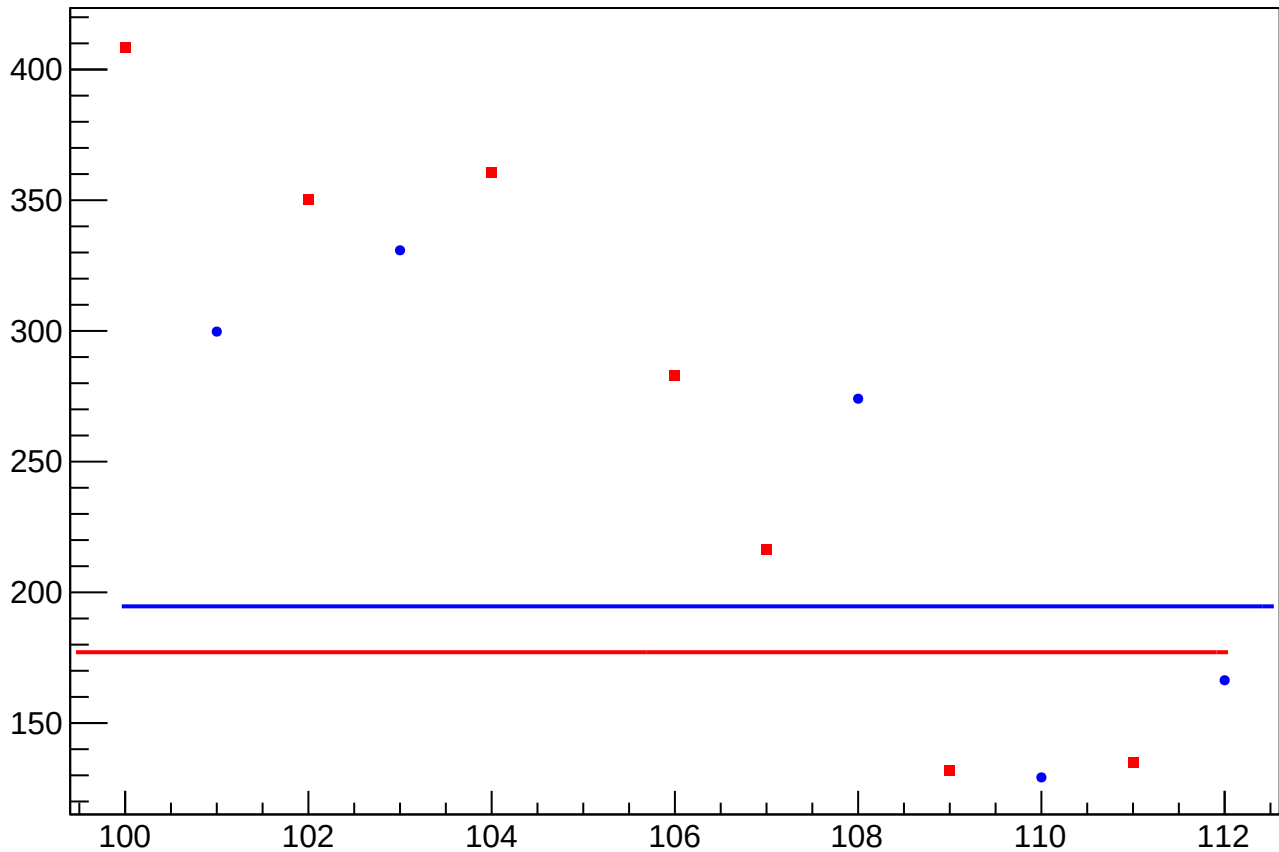
Right: -445.105+/-88.757 χ^2 /NDF: 204.2/11

In: -546.328+/-132.981 χ^2 /NDF:137.7/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -445.105+/-88.757 χ^2 /NDF: 204.2/11

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 194.646+/-0.094 χ^2/NDF : 637286.5/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 177.099+/-0.084 χ^2/NDF : 911029.6/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

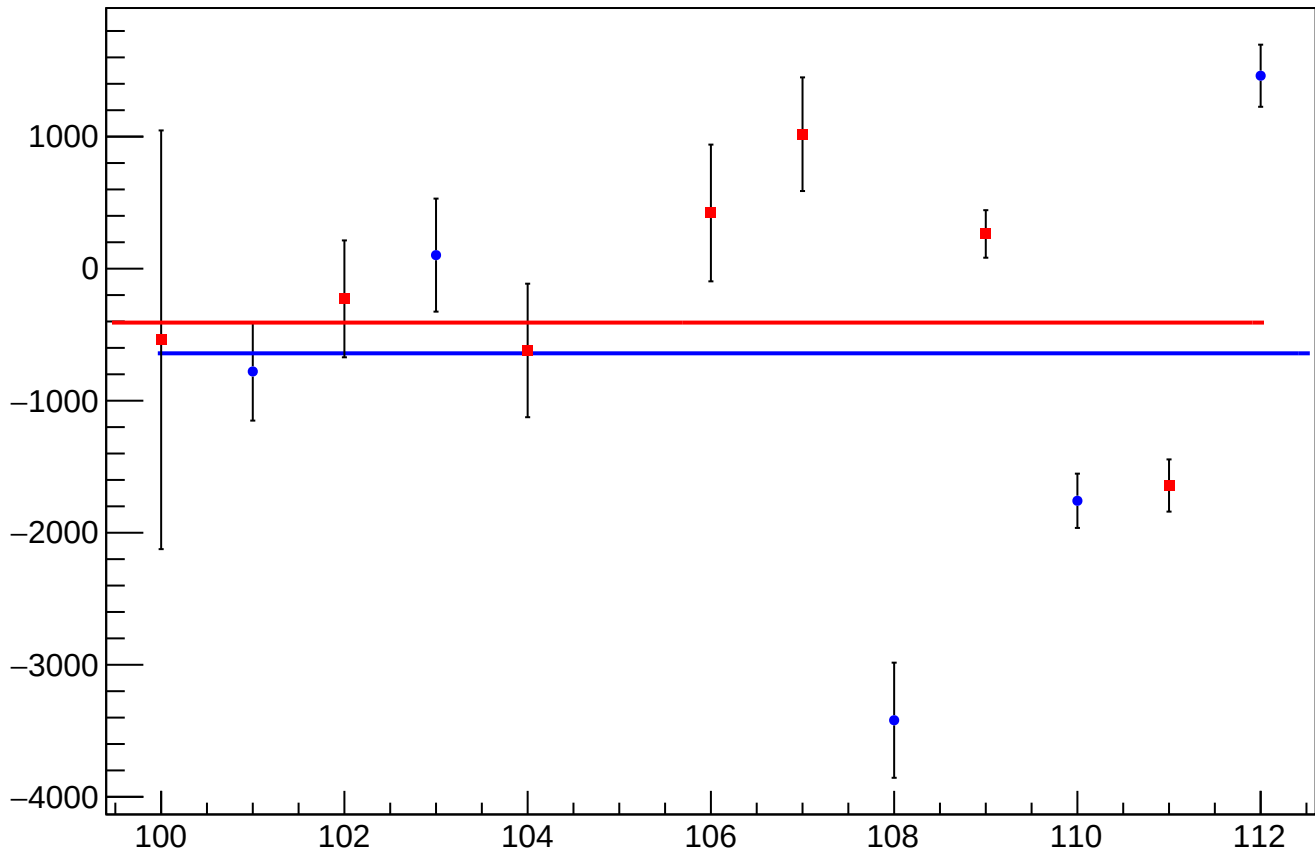
Right: 184.916+/-0.063 χ^2/NDF : 1567625.5/11

In: 194.646+/-0.094 χ^2/NDF :637286.5/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 184.916+/-0.063 χ^2/NDF : 1567625.5/11

asym_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: -641.131+/-129.435 χ^2/NDF : 153.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -408.428+/-115.499 χ^2/NDF : 66.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

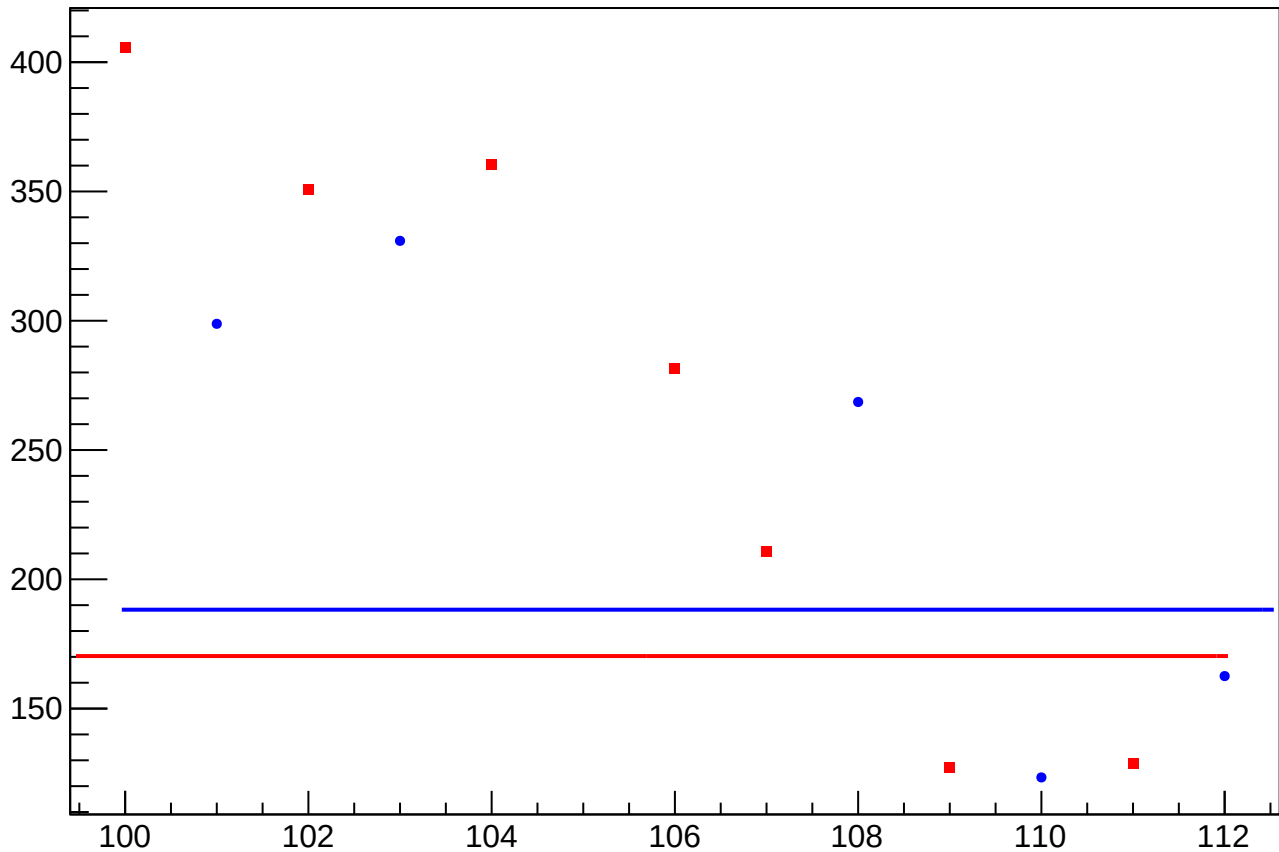
Right: -511.582+/-86.178 χ^2/NDF : 221.7/11

In: -641.131+/-129.435 χ^2/NDF : 153.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -511.582+/-86.178 χ^2/NDF : 221.7/11

asym_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 188.249+/-0.092 χ^2/NDF : 689753.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 170.314+/-0.082 χ^2/NDF : 972180.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

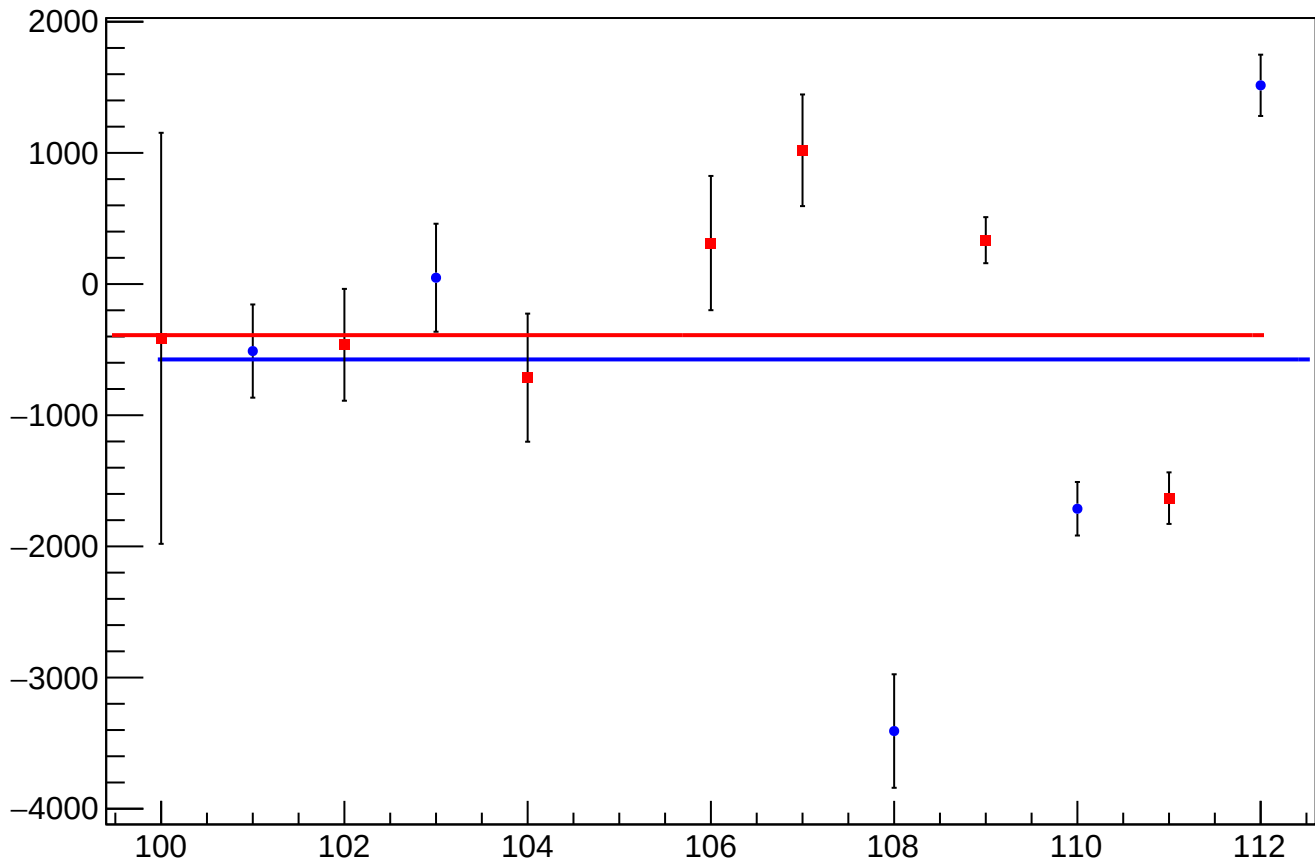
Right: 178.264+/-0.061 χ^2/NDF : 1683312.7/11

In: 188.249+/-0.092 χ^2/NDF : 689753.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.264+/-0.061 χ^2/NDF : 1683312.7/11

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: -574.640+/-127.539 χ^2/NDF : 156.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -389.468+/-113.403 χ^2/NDF : 70.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

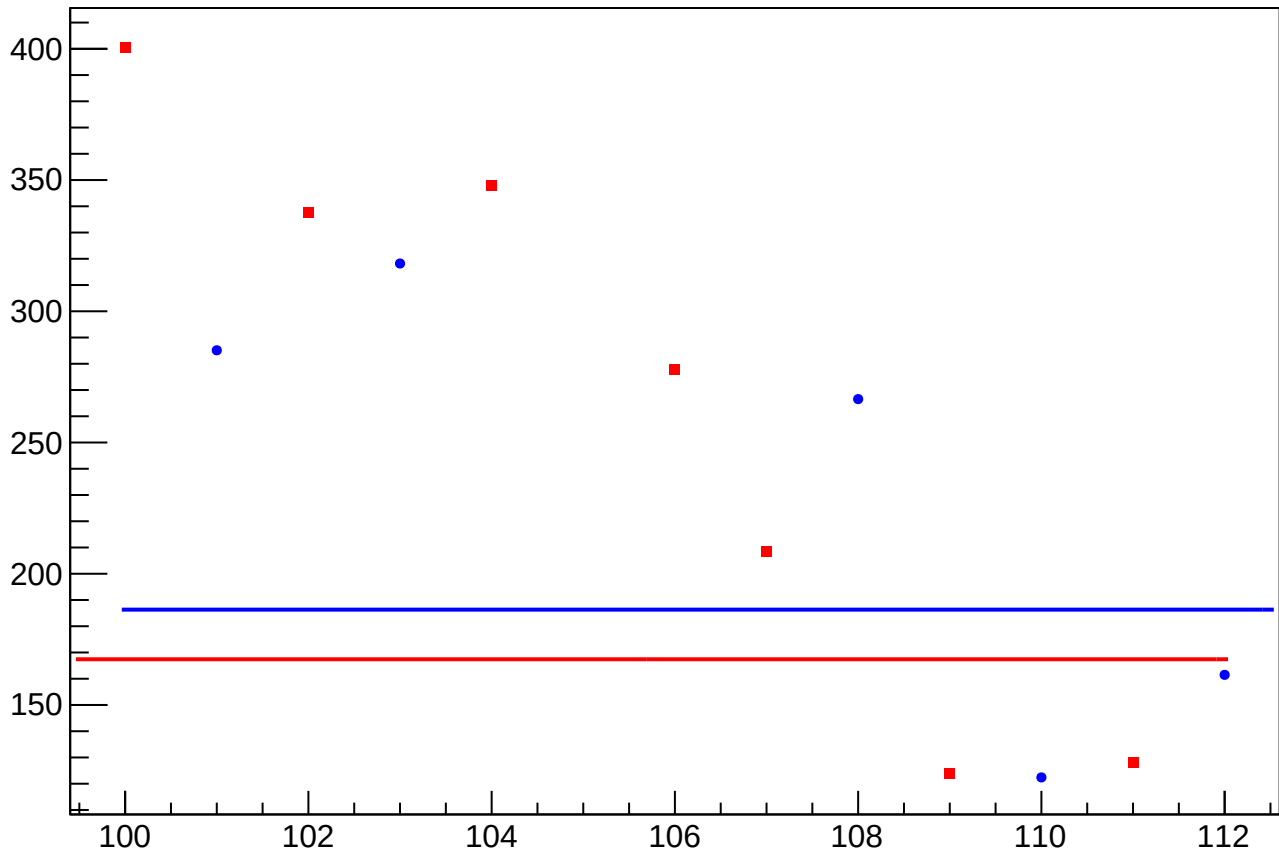
Right: -471.227+/-84.747 χ^2/NDF : 227.7/11

In: -574.640+/-127.539 χ^2/NDF : 156.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -471.227+/-84.747 χ^2/NDF : 227.7/11

asym_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 186.327+/-0.090 χ^2/NDF : 647437.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.420+/-0.080 χ^2/NDF : 951420.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

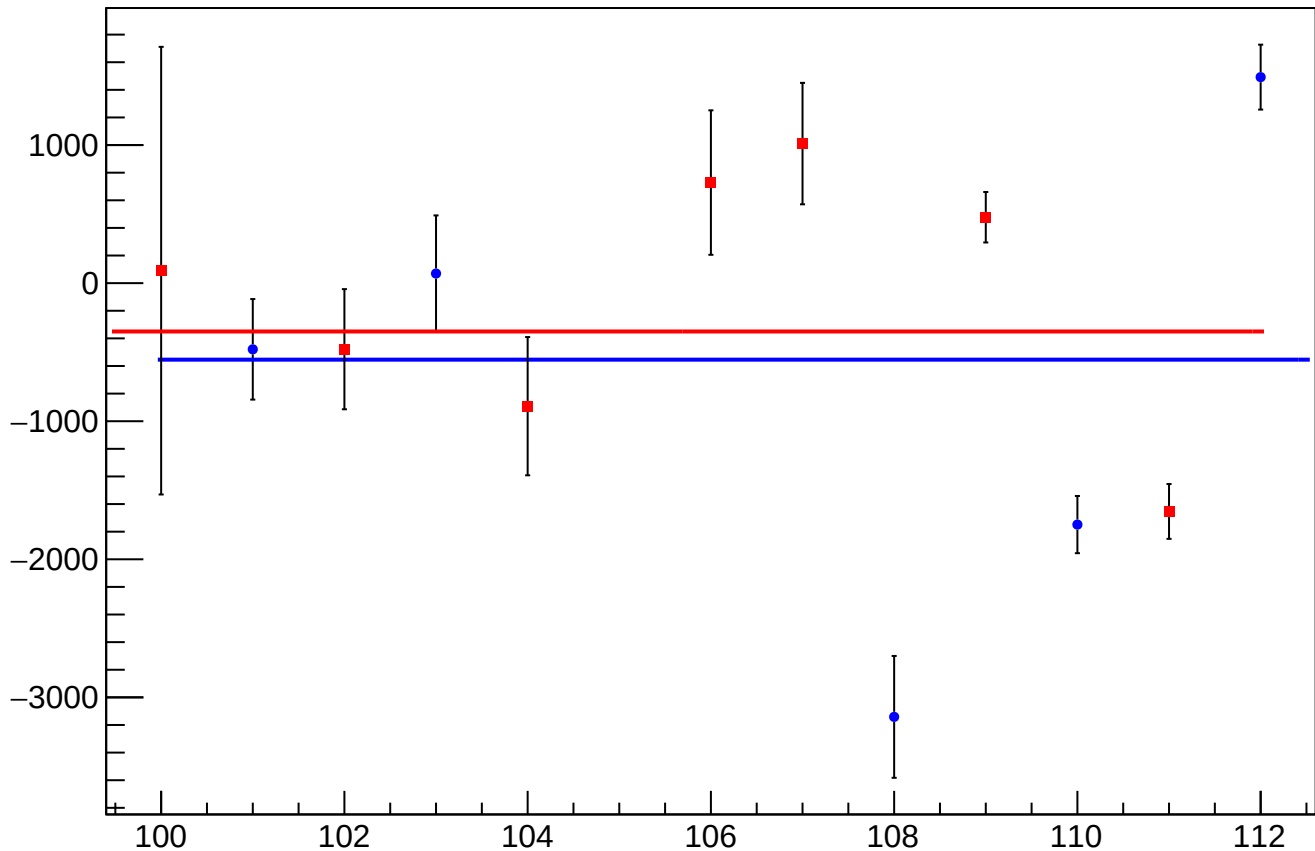
Right: 175.768+/-0.060 χ^2/NDF : 1623405.7/11

In: 186.327+/-0.090 χ^2/NDF : 647437.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.768+/-0.060 χ^2/NDF : 1623405.7/11

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: -554.152+/-129.396 χ^2/NDF : 145.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -350.059+/-116.421 χ^2/NDF : 78.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

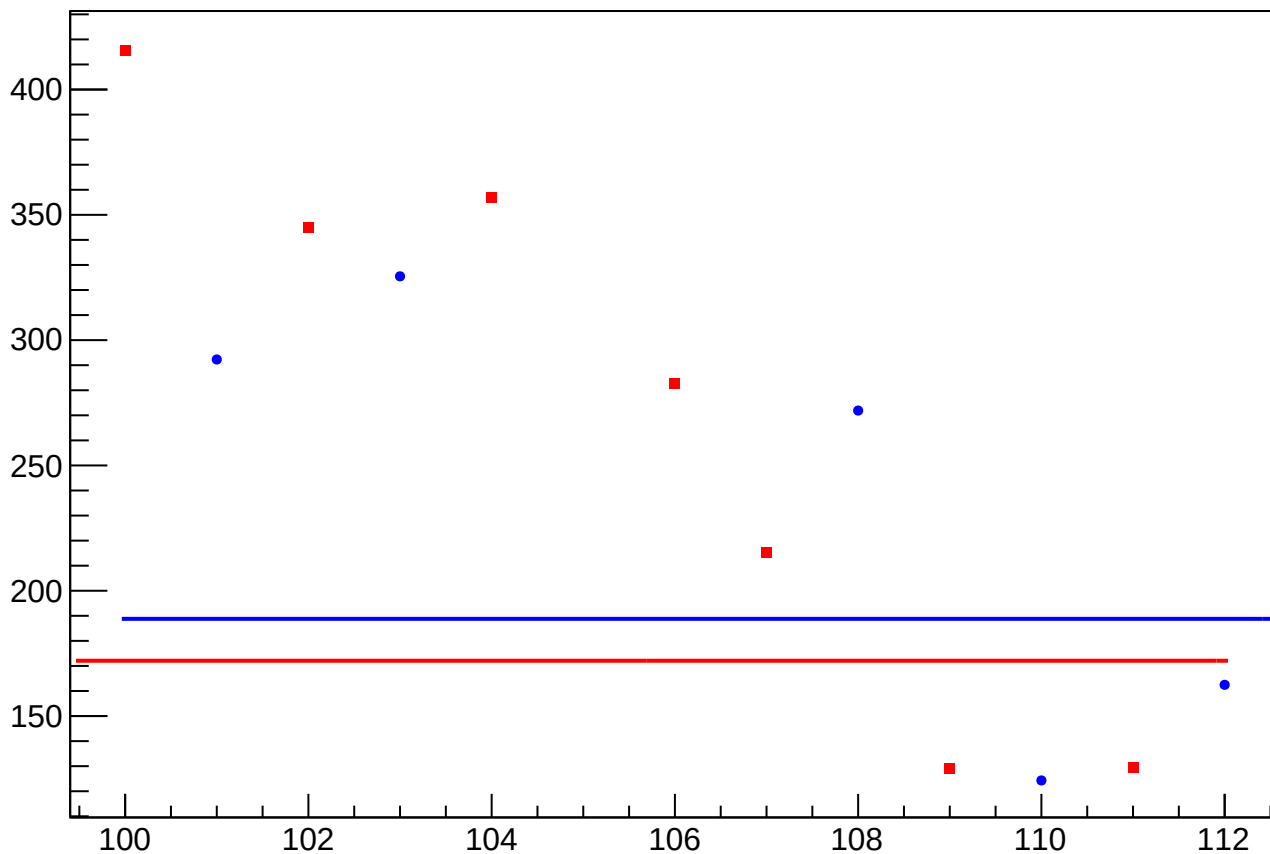
Right: -441.362+/-86.547 χ^2/NDF : 225.8/11

In: -554.152+/-129.396 χ^2/NDF : 145.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -441.362+/-86.547 χ^2/NDF : 225.8/11

asym_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 188.791+/-0.091 χ^2/NDF : 662259.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.081+/-0.082 χ^2/NDF : 943501.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

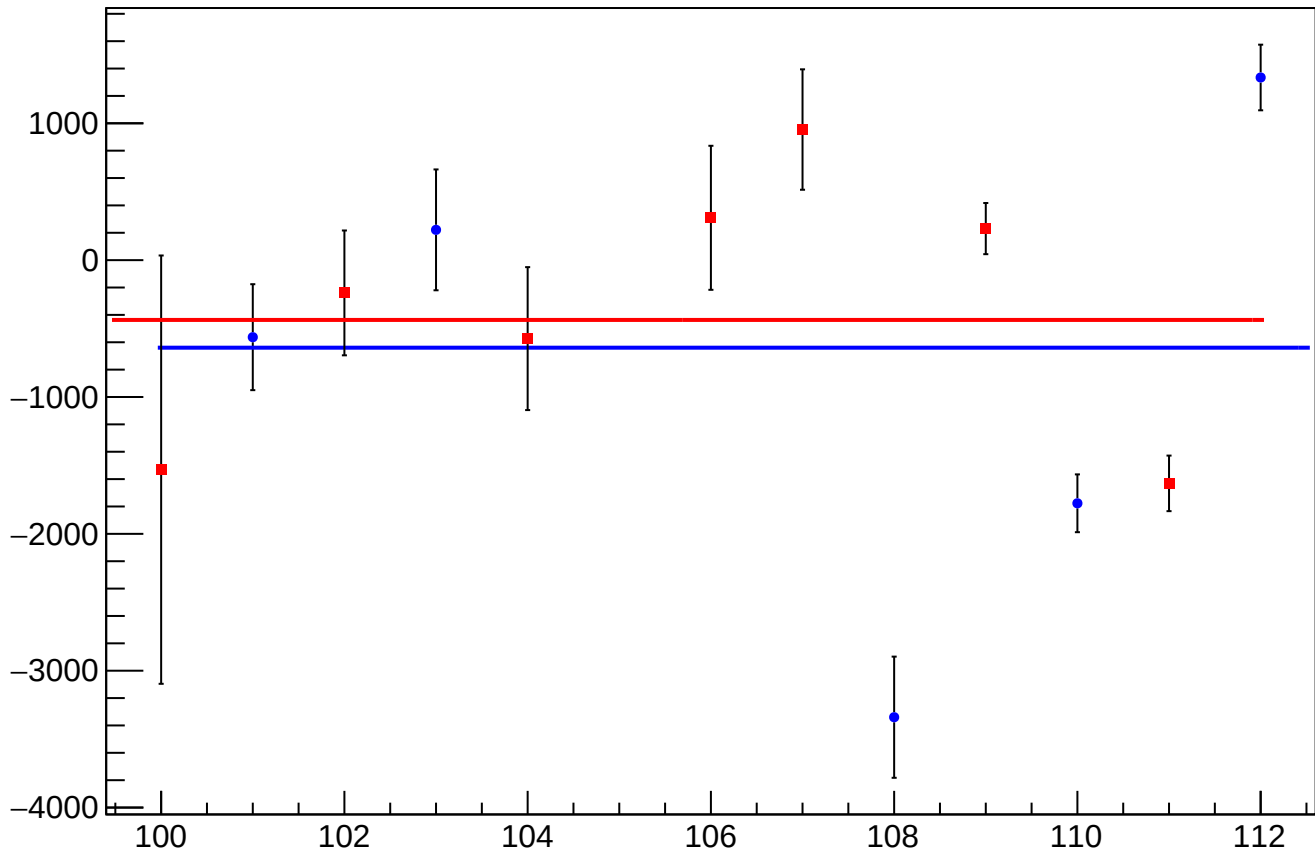
Right: 179.557+/-0.061 χ^2/NDF : 1624193.2/11

In: 188.791+/-0.091 χ^2/NDF : 662259.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.557+/-0.061 χ^2/NDF : 1624193.2/11

asym_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: -639.658+/-132.791 χ^2 /NDF: 137.8/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -436.882+/-119.060 χ^2 /NDF: 60.1/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

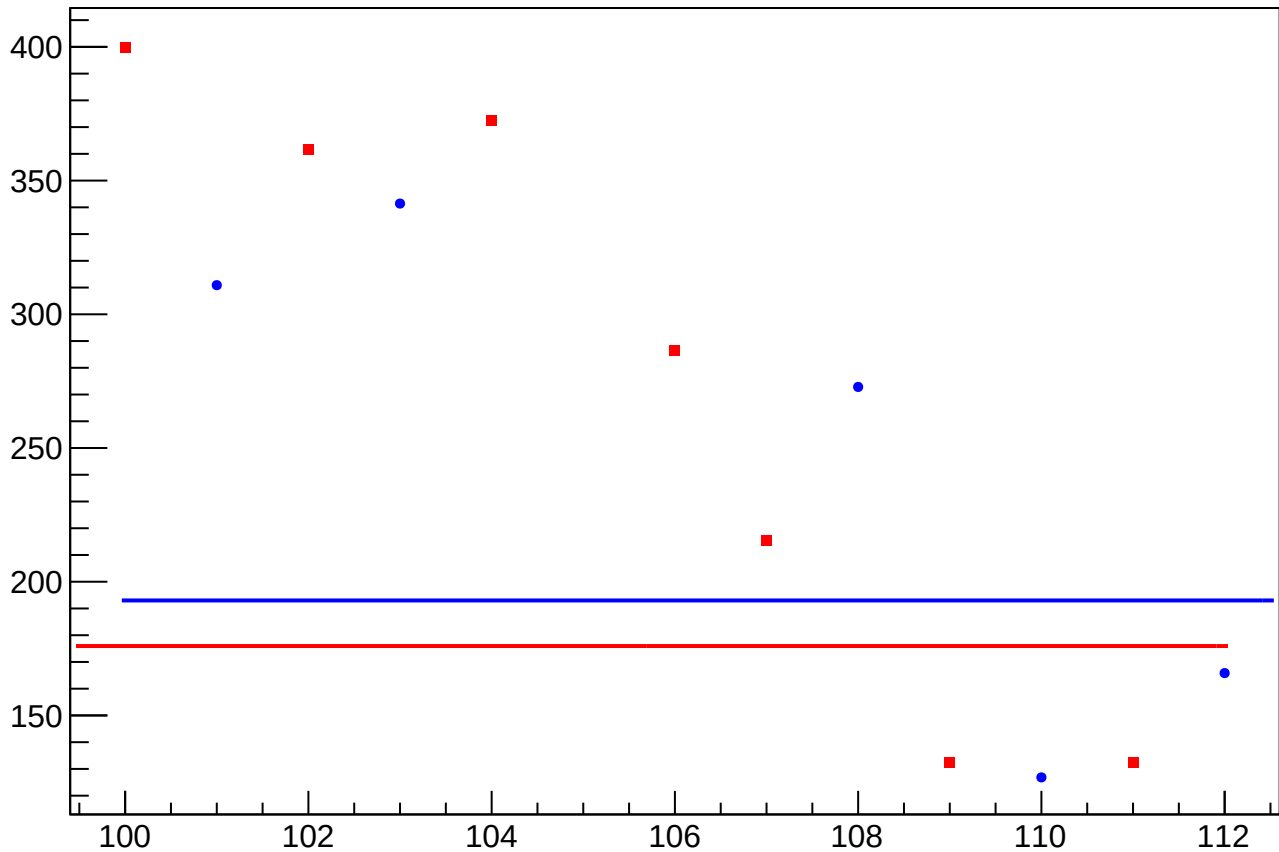
Right: -527.247+/-88.646 χ^2 /NDF: 199.2/11

In: -639.658+/-132.791 χ^2 /NDF:137.8/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -527.247+/-88.646 χ^2 /NDF: 199.2/11

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 192.997+/-0.094 χ^2/NDF : 698453.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 175.950+/-0.084 χ^2/NDF : 961033.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

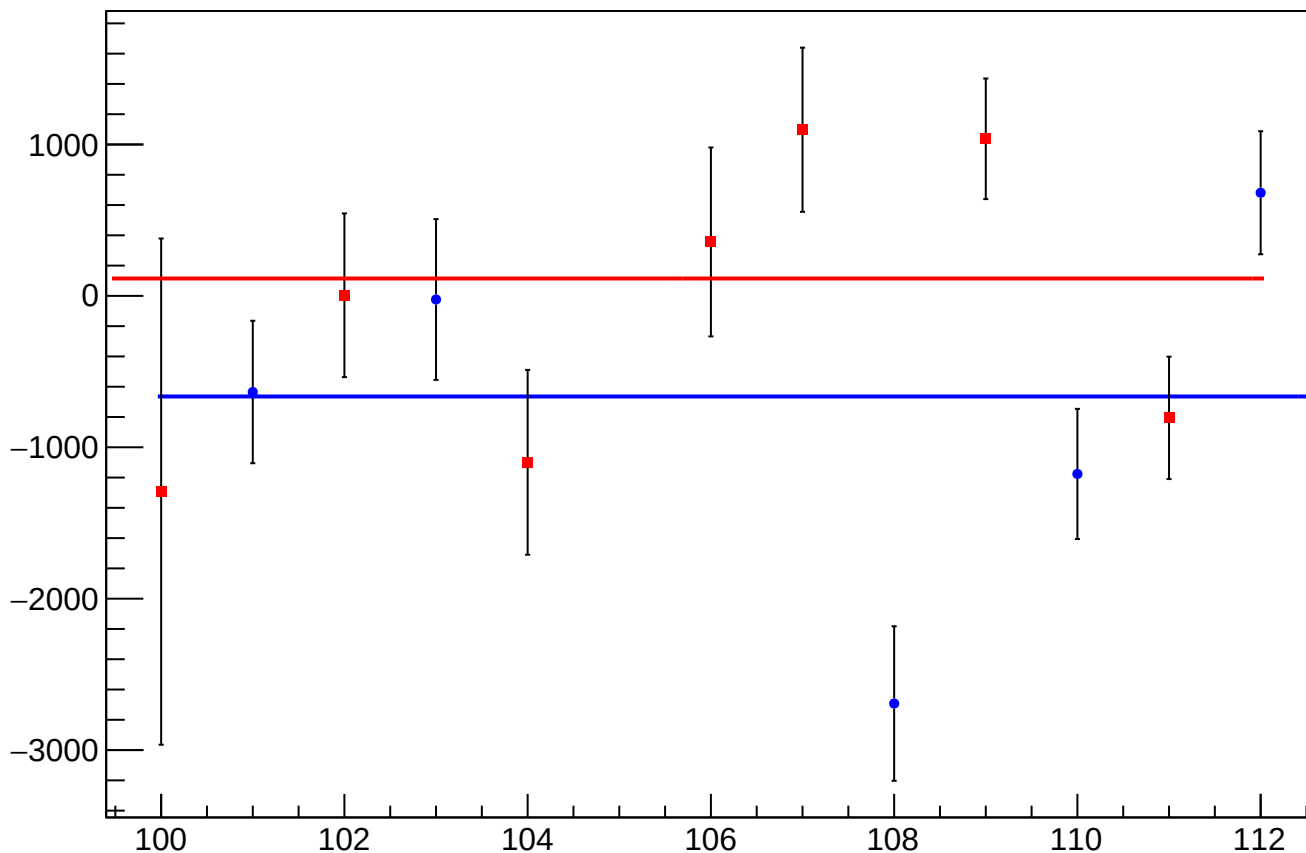
Right: 183.547+/-0.063 χ^2/NDF : 1677758.7/11

In: 192.997+/-0.094 χ^2/NDF : 698453.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.547+/-0.063 χ^2/NDF : 1677758.7/11

asym_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: -664.400+/-206.845 χ^2/NDF : 29.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.936+/-200.552 χ^2/NDF : 18.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

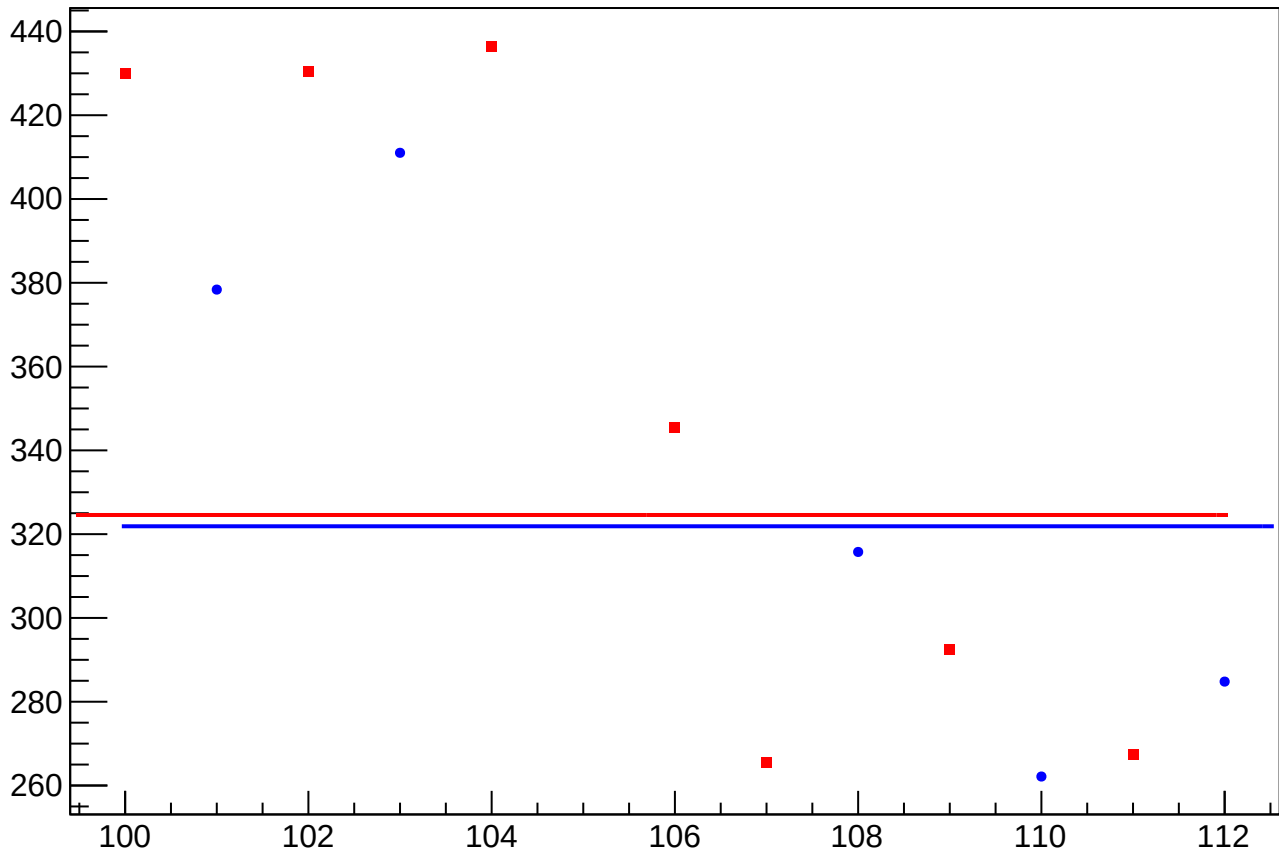
Right: -262.697+/-143.985 χ^2/NDF : 55.6/11

In: -664.400+/-206.845 χ^2/NDF : 29.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -262.697+/-143.985 χ^2/NDF : 55.6/11

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 321.880+/-0.146 χ^2/NDF : 140782.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 324.575+/-0.142 χ^2/NDF : 230957.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

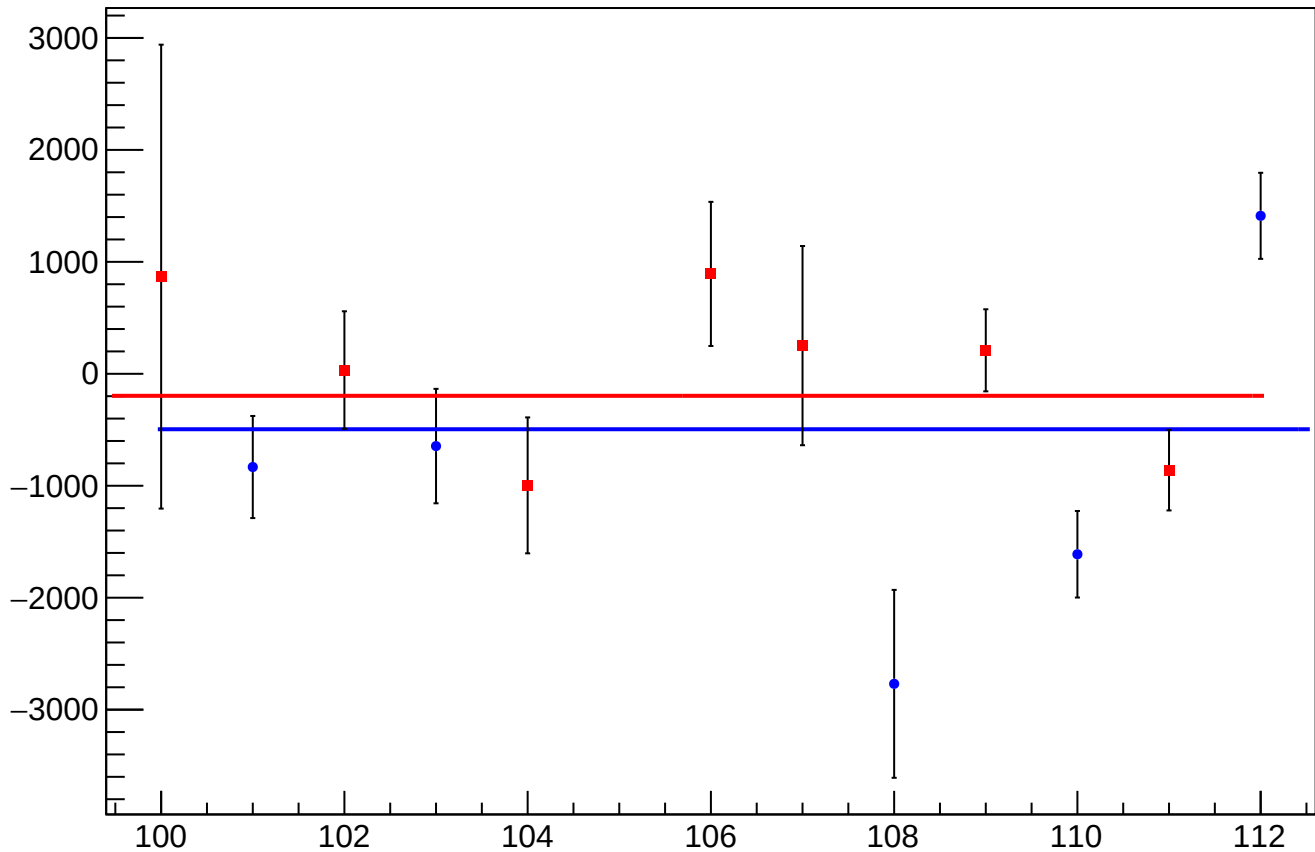
Right: 323.269+/-0.102 χ^2/NDF : 371915.1/11

In: 321.880+/-0.146 χ^2/NDF : 140782.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 323.269+/-0.102 χ^2/NDF : 371915.1/11

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -495.230+/-206.209 χ^2/NDF : 40.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -196.587+/-198.321 χ^2/NDF : 9.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

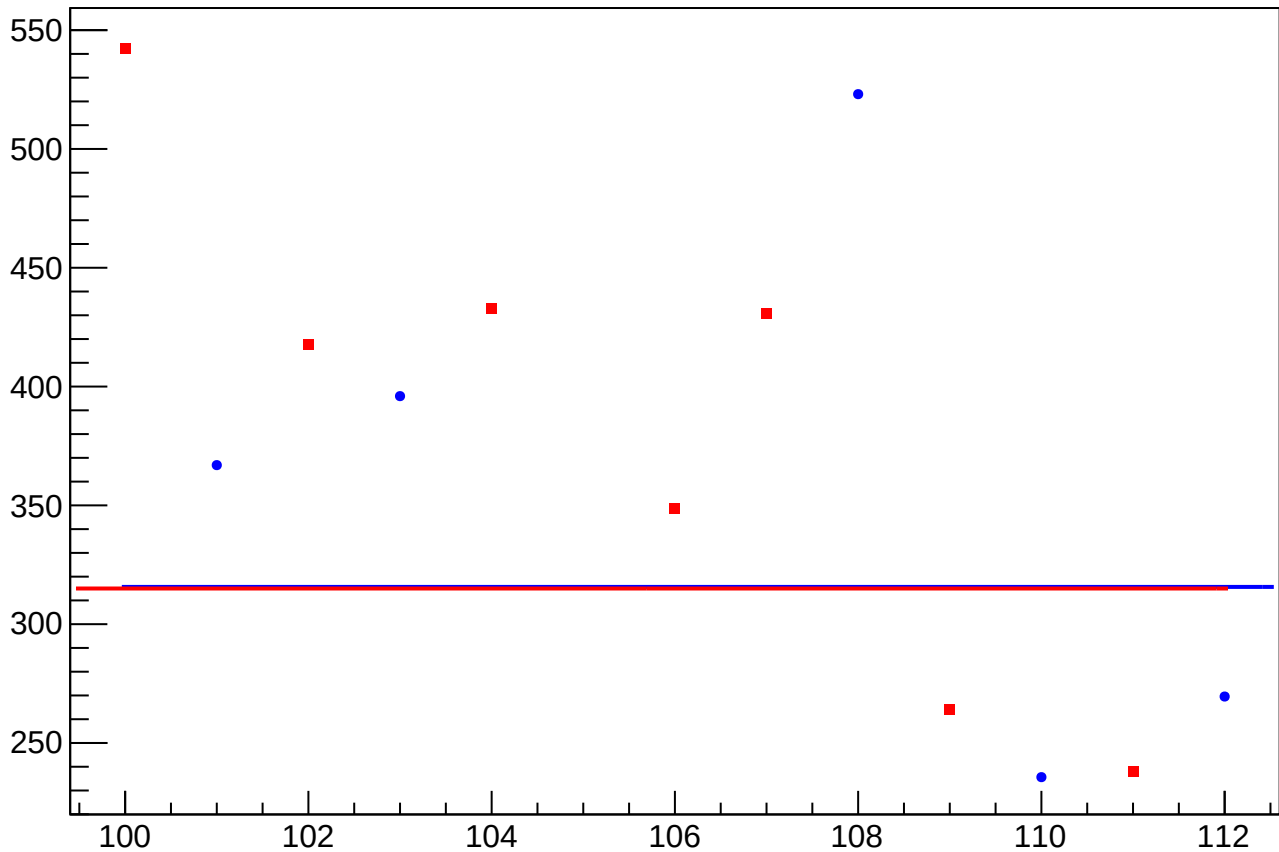
Right: -340.087+/-142.941 χ^2/NDF : 52.0/11

In: -495.230+/-206.209 χ^2/NDF : 40.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -340.087+/-142.941 χ^2/NDF : 52.0/11

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 315.682+/-0.146 χ^2/NDF : 311364.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 315.014+/-0.140 χ^2/NDF : 346013.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

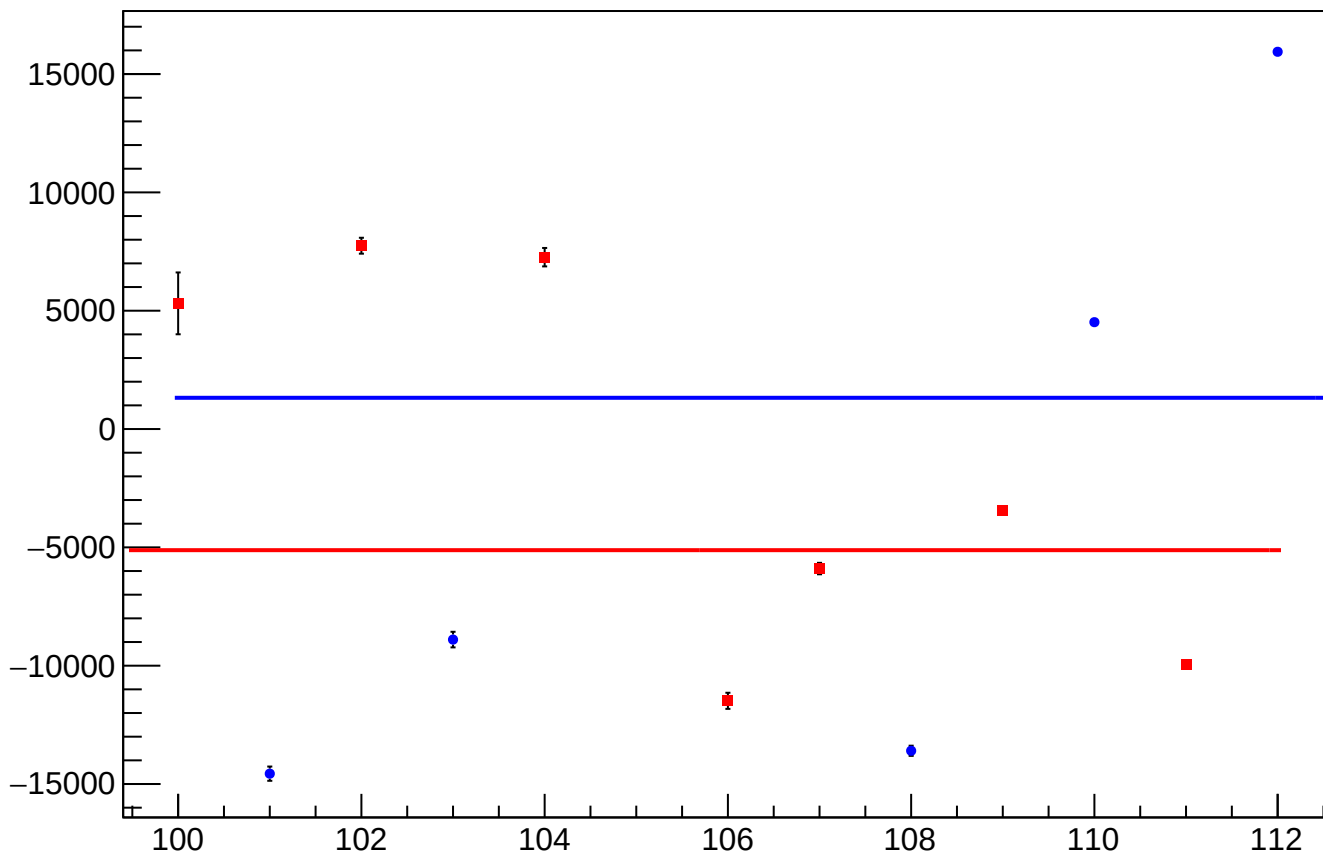
Right: 315.335+/-0.101 χ^2/NDF : 657388.0/11

In: 315.682+/-0.146 χ^2/NDF : 311364.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 315.335+/-0.101 χ^2/NDF : 657388.0/11

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 1320.367+/-96.051 χ^2/NDF : 16001.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5118.722+/-90.541 χ^2/NDF : 3979.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

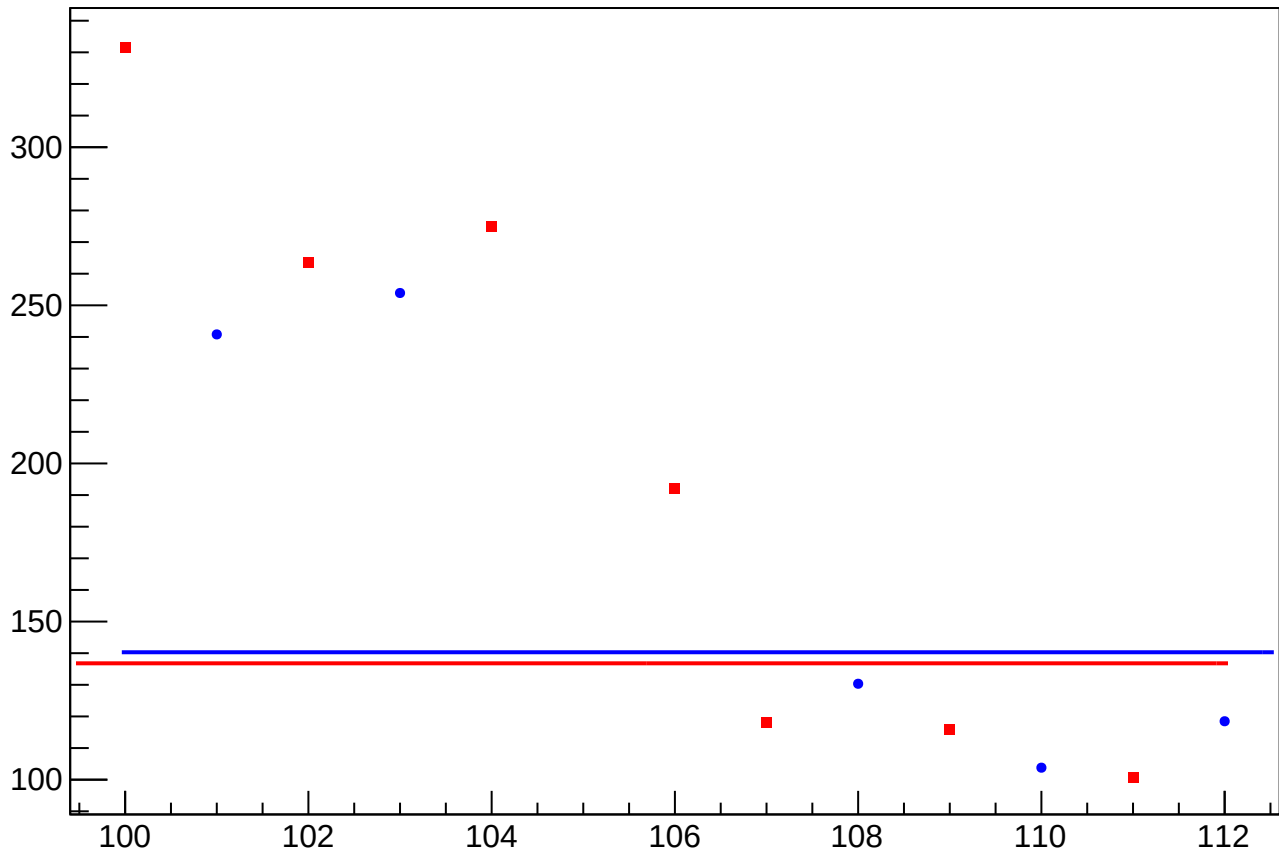
Right: -2089.165+/-65.884 χ^2/NDF : 22360.3/11

In: 1320.367+/-96.051 χ^2/NDF : 16001.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2089.165+/-65.884 χ^2/NDF : 22360.3/11

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 140.295+/-0.068 χ^2/NDF : 585277.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.798+/-0.064 χ^2/NDF : 786429.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

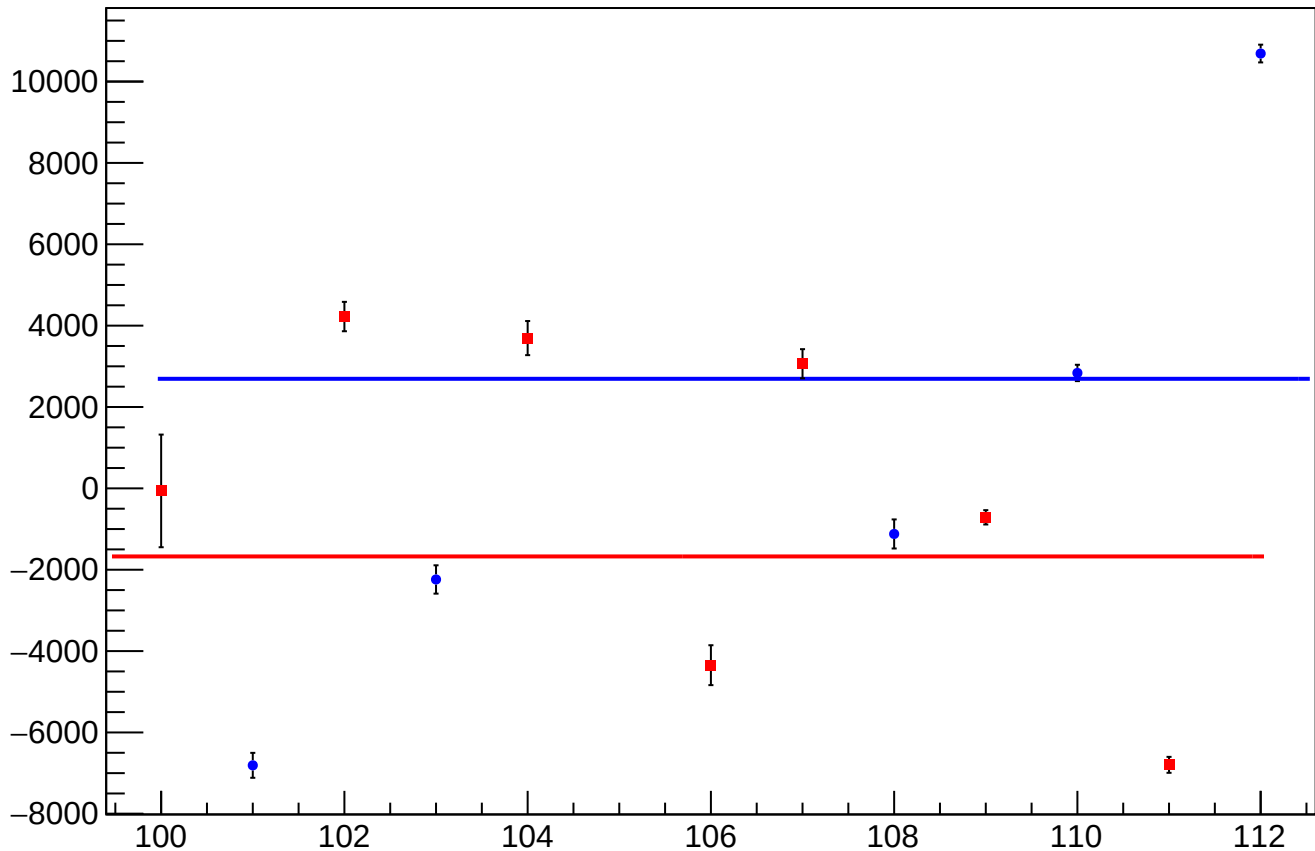
Right: 138.443+/-0.047 χ^2/NDF : 1373110.5/11

In: 140.295+/-0.068 χ^2/NDF : 585277.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.443+/-0.047 χ^2/NDF : 1373110.5/11

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 2693.147+/-117.394 χ^2/NDF : 2619.8/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1673.330+/-109.041 χ^2/NDF : 1348.4/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

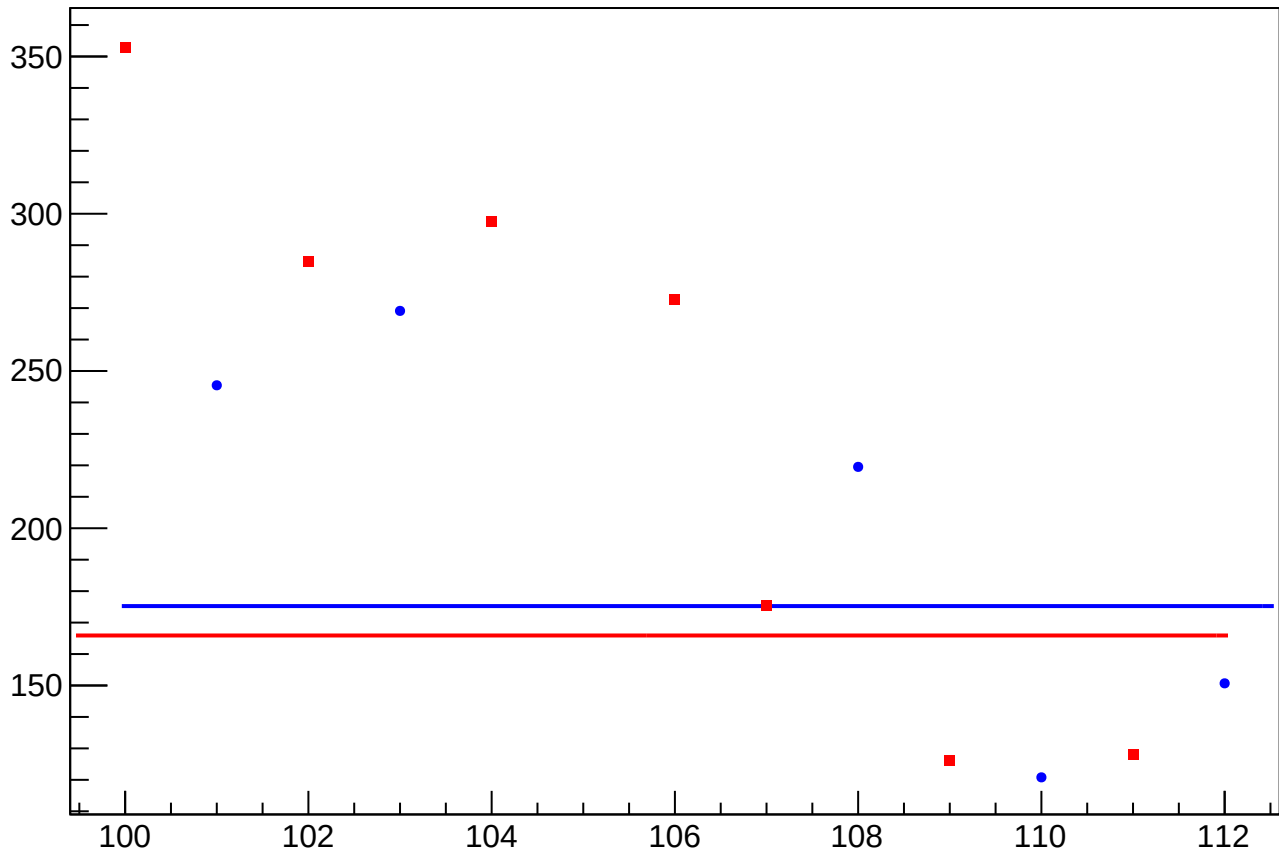
Right: 349.052+/-79.894 χ^2/NDF : 4710.9/11

In: 2693.147+/-117.394 χ^2/NDF :2619.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 349.052+/-79.894 χ^2/NDF : 4710.9/11

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 175.249+/-0.083 χ^2/NDF : 453441.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.900+/-0.077 χ^2/NDF : 724315.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

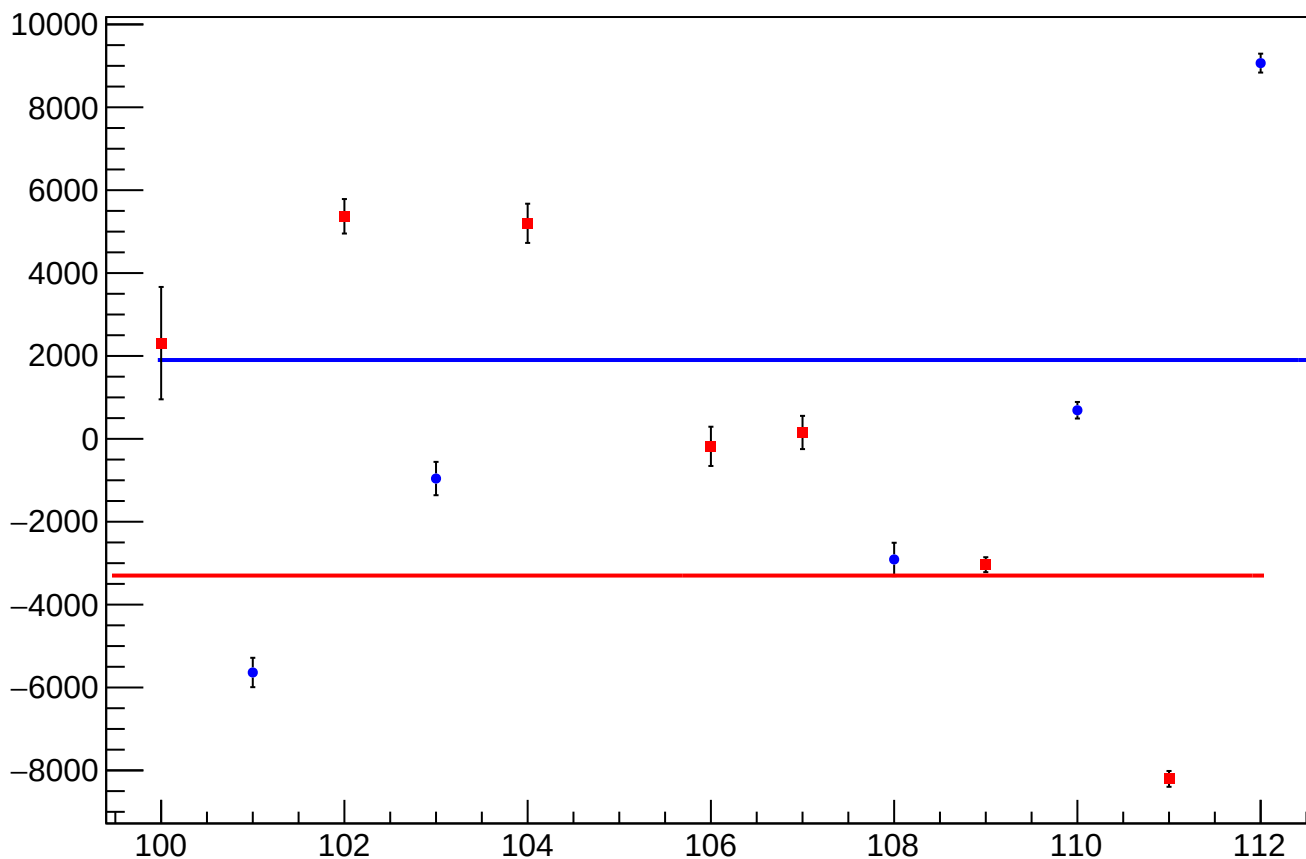
Right: 170.230+/-0.056 χ^2/NDF : 1184567.4/11

In: 175.249+/-0.083 χ^2/NDF : 453441.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.230+/-0.056 χ^2/NDF : 1184567.4/11

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 1902.037+/-124.388 χ^2/NDF : 1671.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3298.808+/-112.063 χ^2/NDF : 1554.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

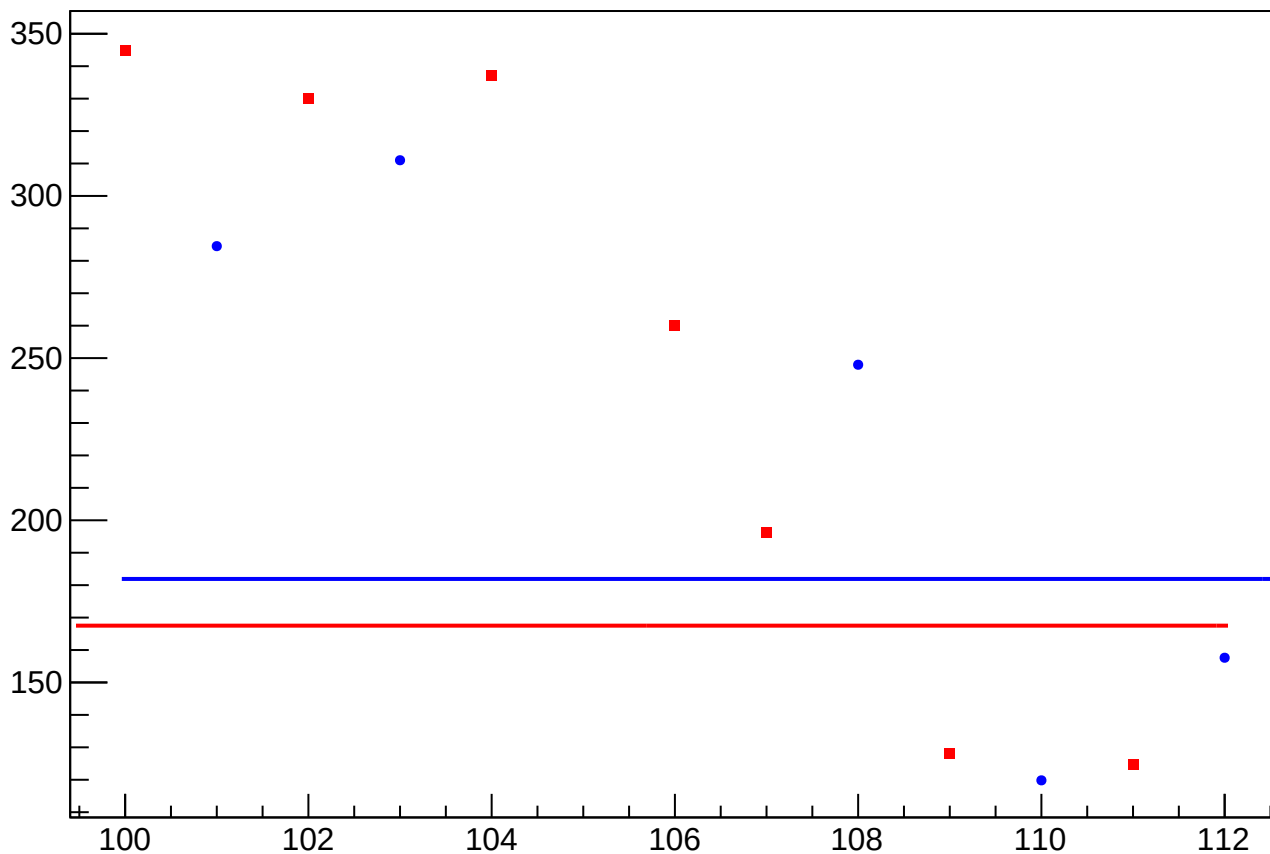
Right: -968.737+/-83.258 χ^2/NDF : 4190.0/11

In: 1902.037+/-124.388 χ^2/NDF : 1671.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -968.737+/-83.258 χ^2/NDF : 4190.0/11

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 181.914 $\pm$ 0.088 χ^2 /NDF: 643638.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 167.513 $\pm$ 0.079 χ^2 /NDF: 878943.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

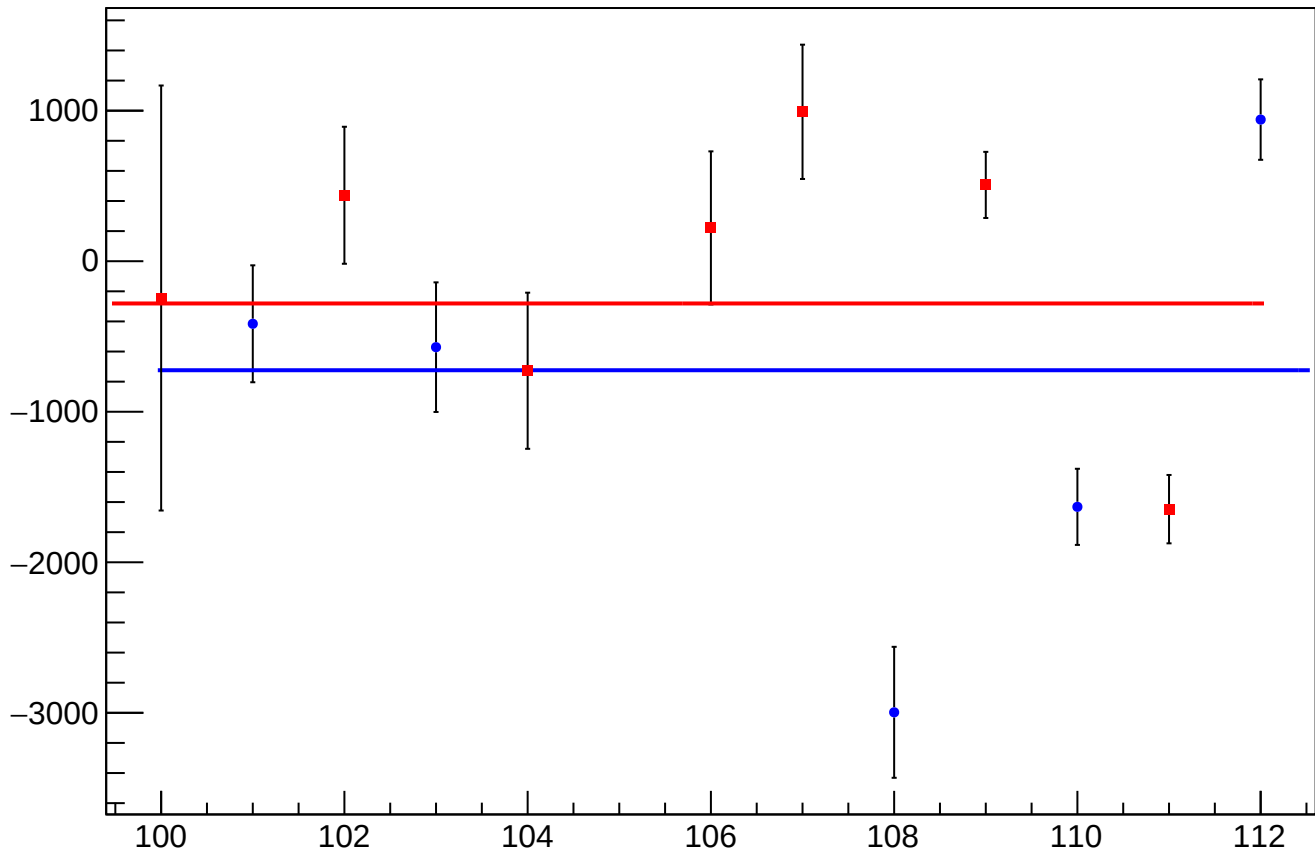
Right: 173.965 $\pm$ 0.059 χ^2 /NDF: 1537378.7/11

In: 181.914 $\pm$ 0.088 χ^2 /NDF: 643638.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 173.965 $\pm$ 0.059 χ^2 /NDF: 1537378.7/11

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -724.235+/-145.937 χ^2/NDF : 79.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -280.687+/-131.241 χ^2/NDF : 61.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

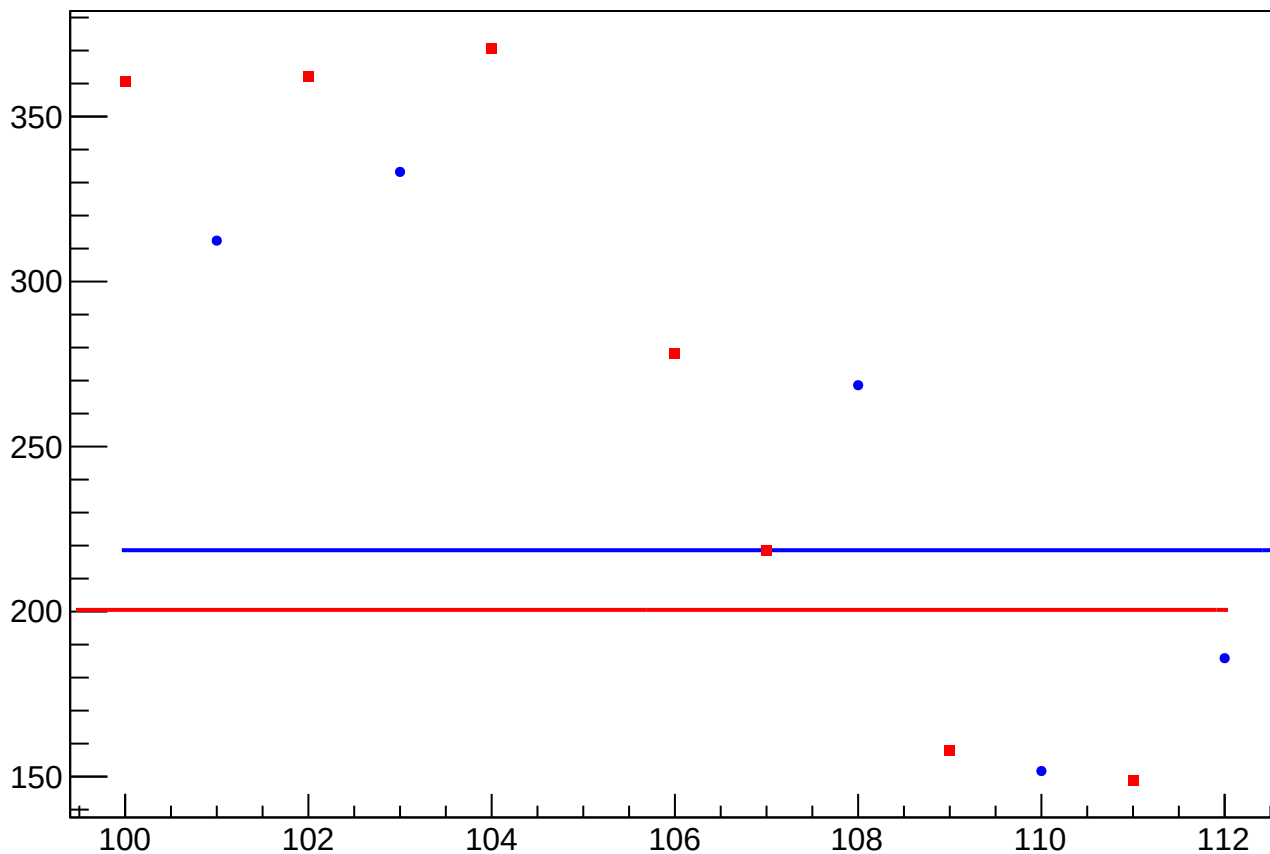
Right: -479.010+/-97.585 χ^2/NDF : 146.3/11

In: -724.235+/-145.937 χ^2/NDF : 79.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -479.010+/-97.585 χ^2/NDF : 146.3/11

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 218.598+/-0.103 χ^2/NDF : 454877.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 200.515+/-0.093 χ^2/NDF : 720617.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

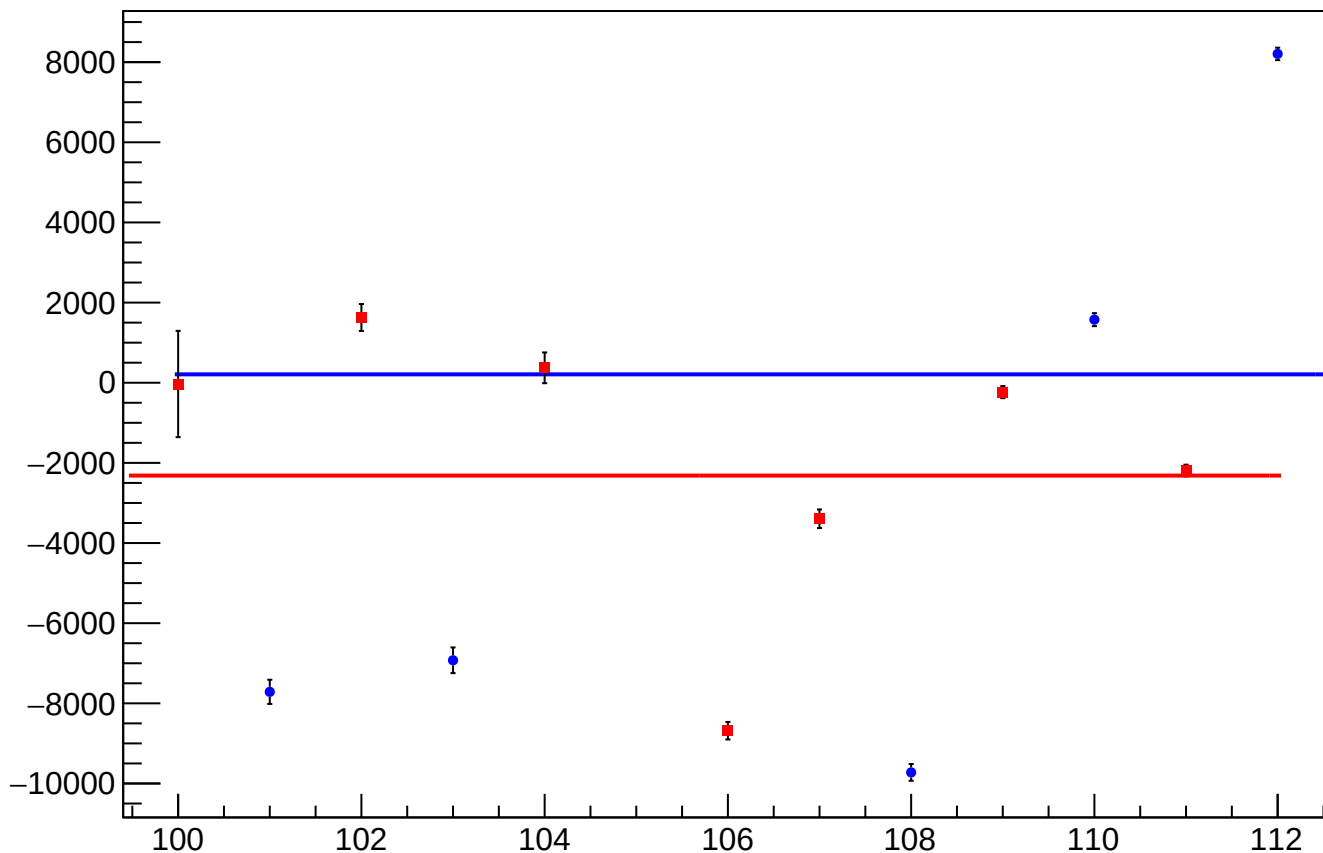
Right: 208.600+/-0.069 χ^2/NDF : 1192473.4/11

In: 218.598+/-0.103 χ^2/NDF : 454877.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 208.600+/-0.069 χ^2/NDF : 1192473.4/11

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: 209.495 ± 90.219 $\chi^2/\text{NDF}: 6143.2/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -2316.665 ± 82.478 $\chi^2/\text{NDF}: 1250.6/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

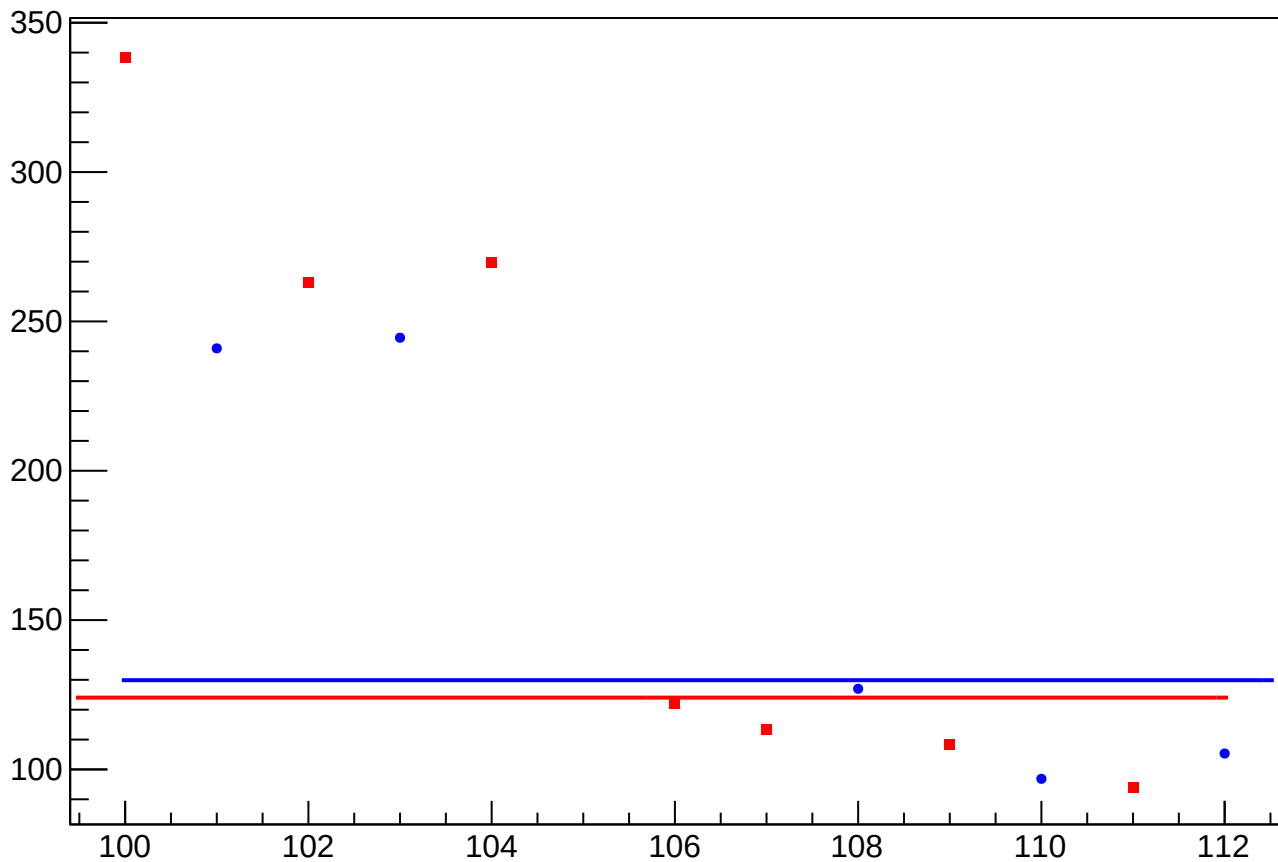
Right: -1166.592 ± 60.874 $\chi^2/\text{NDF}: 7821.0/11$

In: 209.495 ± 90.219 $\chi^2/\text{NDF}: 6143.2/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1166.592 ± 60.874 $\chi^2/\text{NDF}: 7821.0/11$

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 129.876+/-0.064 χ^2/NDF : 660152.7/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 124.046+/-0.058 χ^2/NDF : 795666.7/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

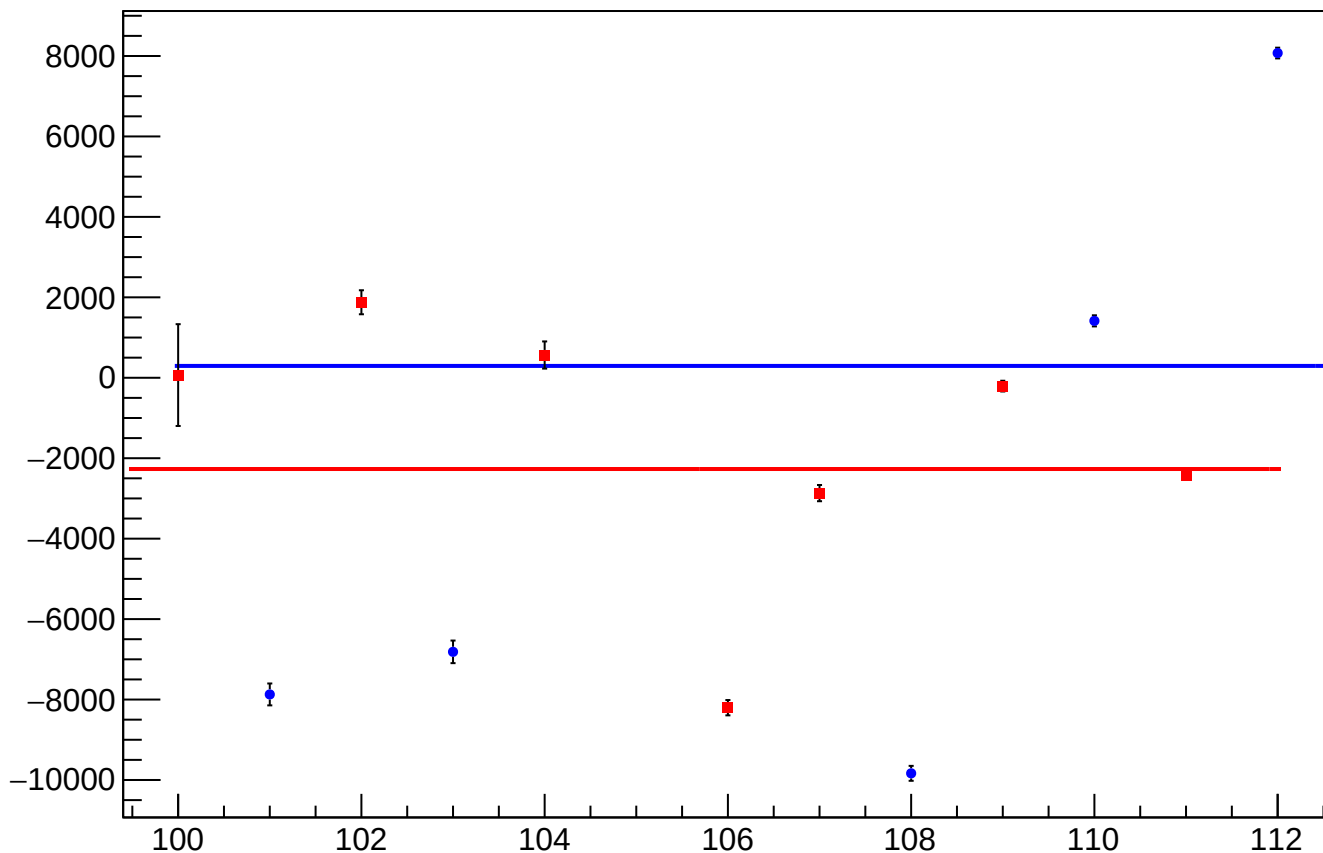
Right: 126.700+/-0.043 χ^2/NDF : 1460369.4/11

In: 129.876+/-0.064 χ^2/NDF :660152.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 126.700+/-0.043 χ^2/NDF : 1460369.4/11

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 294.814+/-78.152 χ^2/NDF : 7977.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2268.335+/-71.456 χ^2/NDF : 1484.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

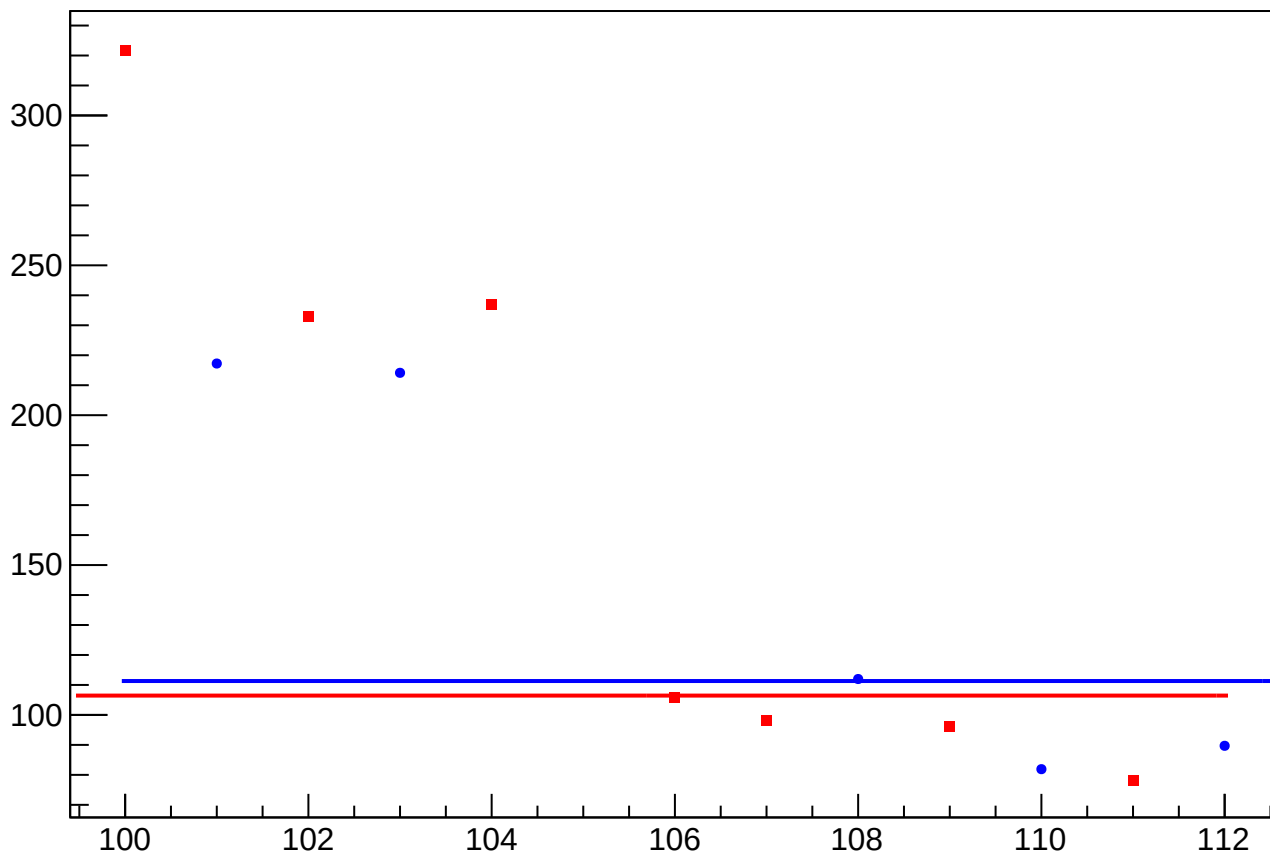
Right: -1101.250+/-52.736 χ^2/NDF : 10047.8/11

In: 294.814+/-78.152 χ^2/NDF : 7977.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1101.250+/-52.736 χ^2/NDF : 10047.8/11

asym_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 111.310+/-0.055 χ^2/NDF : 714310.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.451+/-0.051 χ^2/NDF : 838394.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

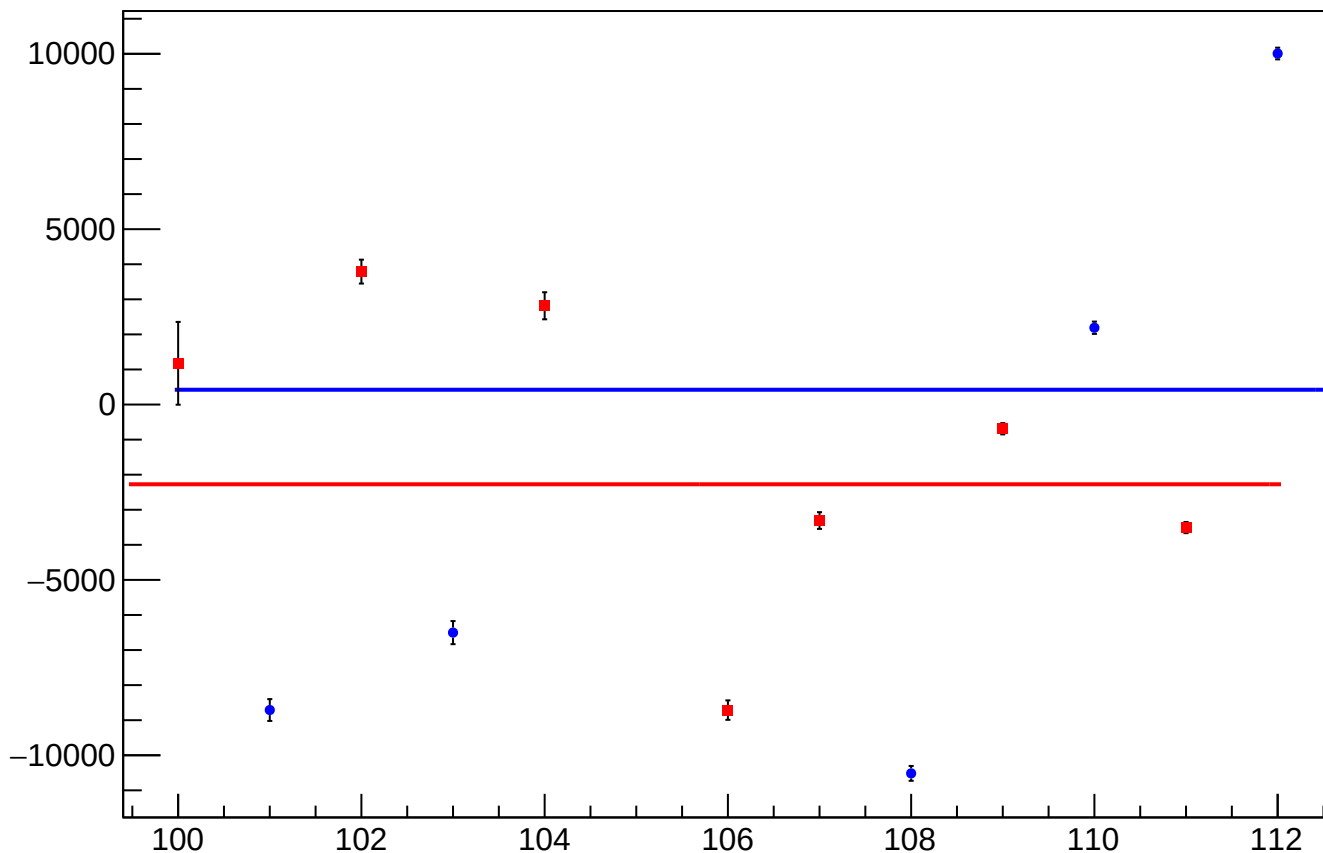
Right: 108.663+/-0.037 χ^2/NDF : 1556914.9/11

In: 111.310+/-0.055 χ^2/NDF : 714310.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.663+/-0.037 χ^2/NDF : 1556914.9/11

asym_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 421.958+/-95.245 χ^2/NDF : 7372.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2273.357+/-89.509 χ^2/NDF : 1213.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

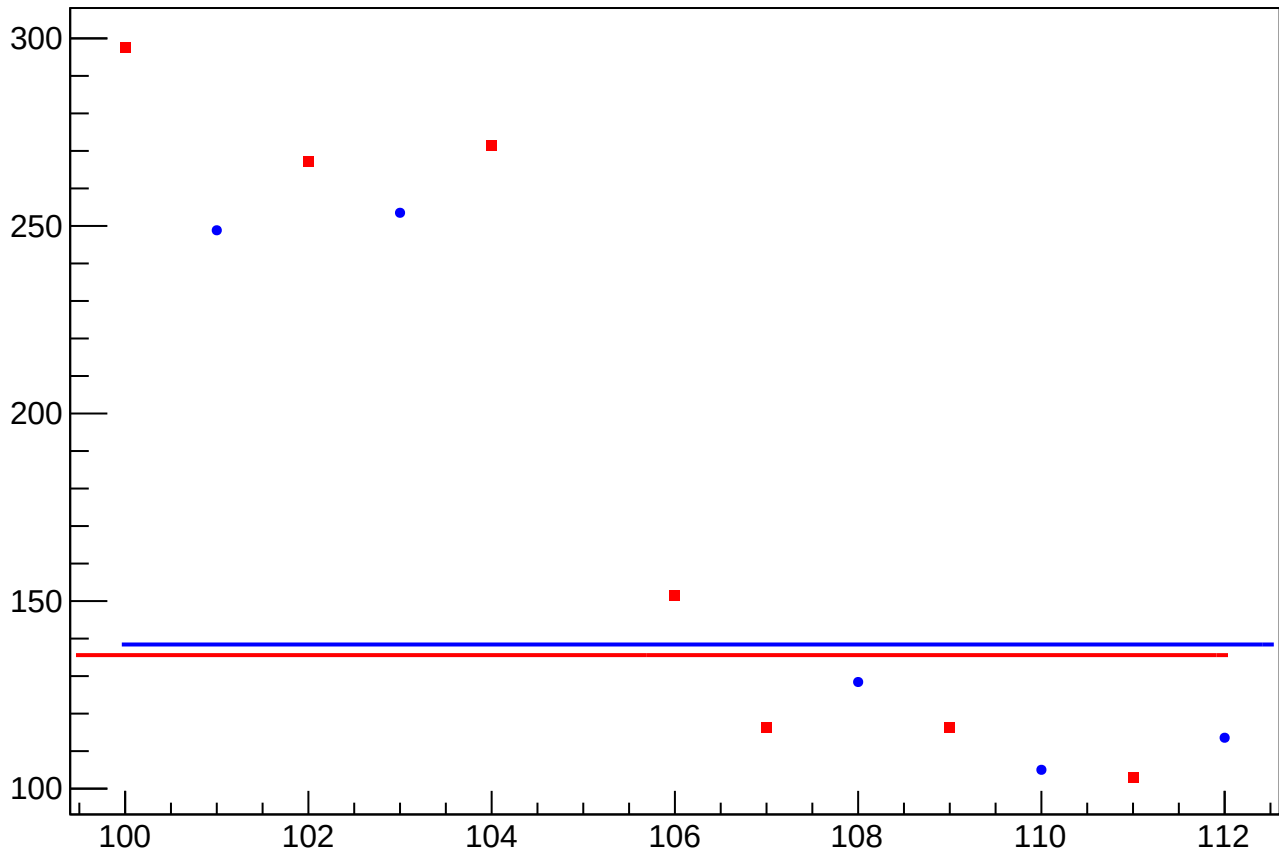
Right: -1009.294+/-65.226 χ^2/NDF : 9010.8/11

In: 421.958+/-95.245 χ^2/NDF : 7372.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1009.294+/-65.226 χ^2/NDF : 9010.8/11

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 138.426+/-0.067 χ^2/NDF : 617261.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.595+/-0.063 χ^2/NDF : 715836.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

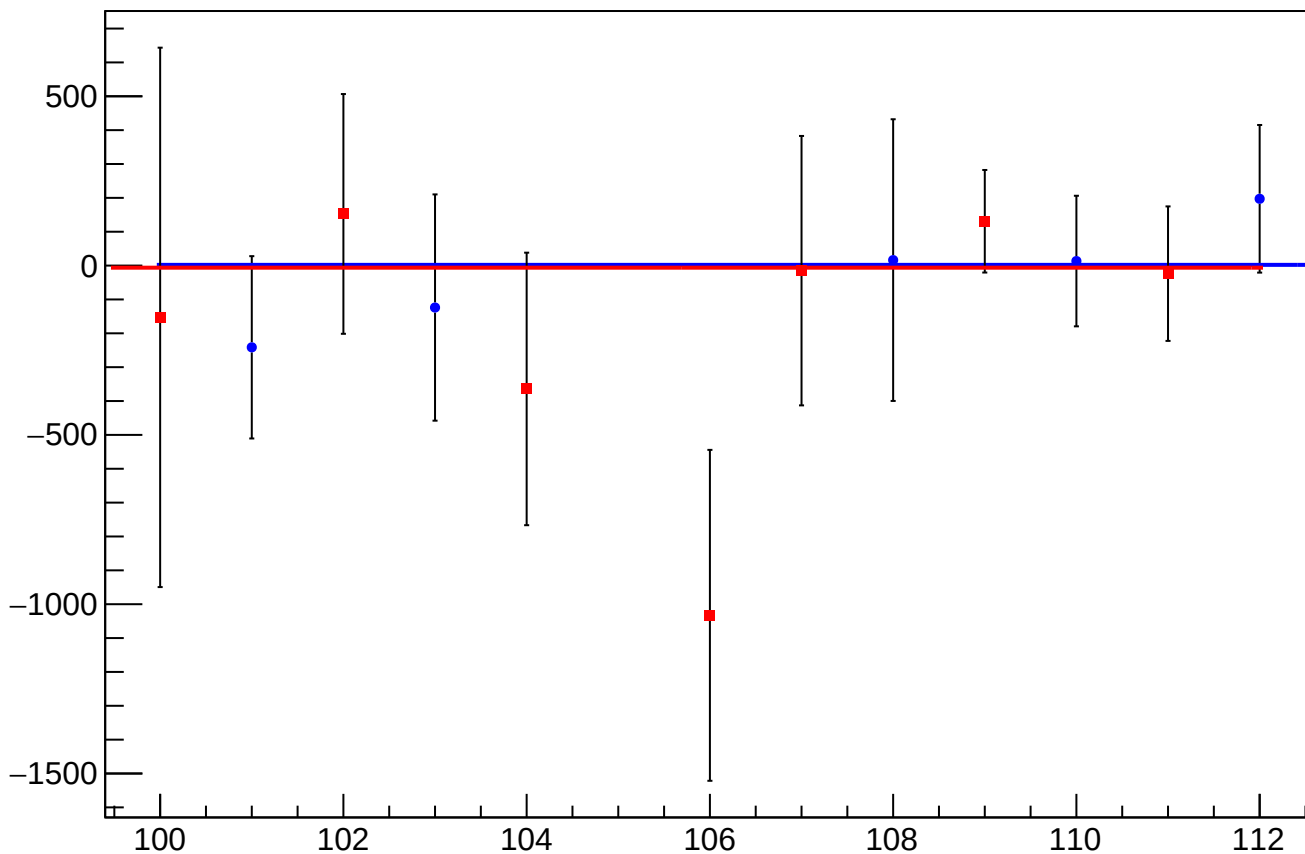
Right: 136.923+/-0.046 χ^2/NDF : 1334035.4/11

In: 138.426+/-0.067 χ^2/NDF : 617261.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.923+/-0.046 χ^2/NDF : 1334035.4/11

asym_bcm_2an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: 2.154+/-114.349 χ^2/NDF : 1.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.183+/-102.488 χ^2/NDF : 6.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

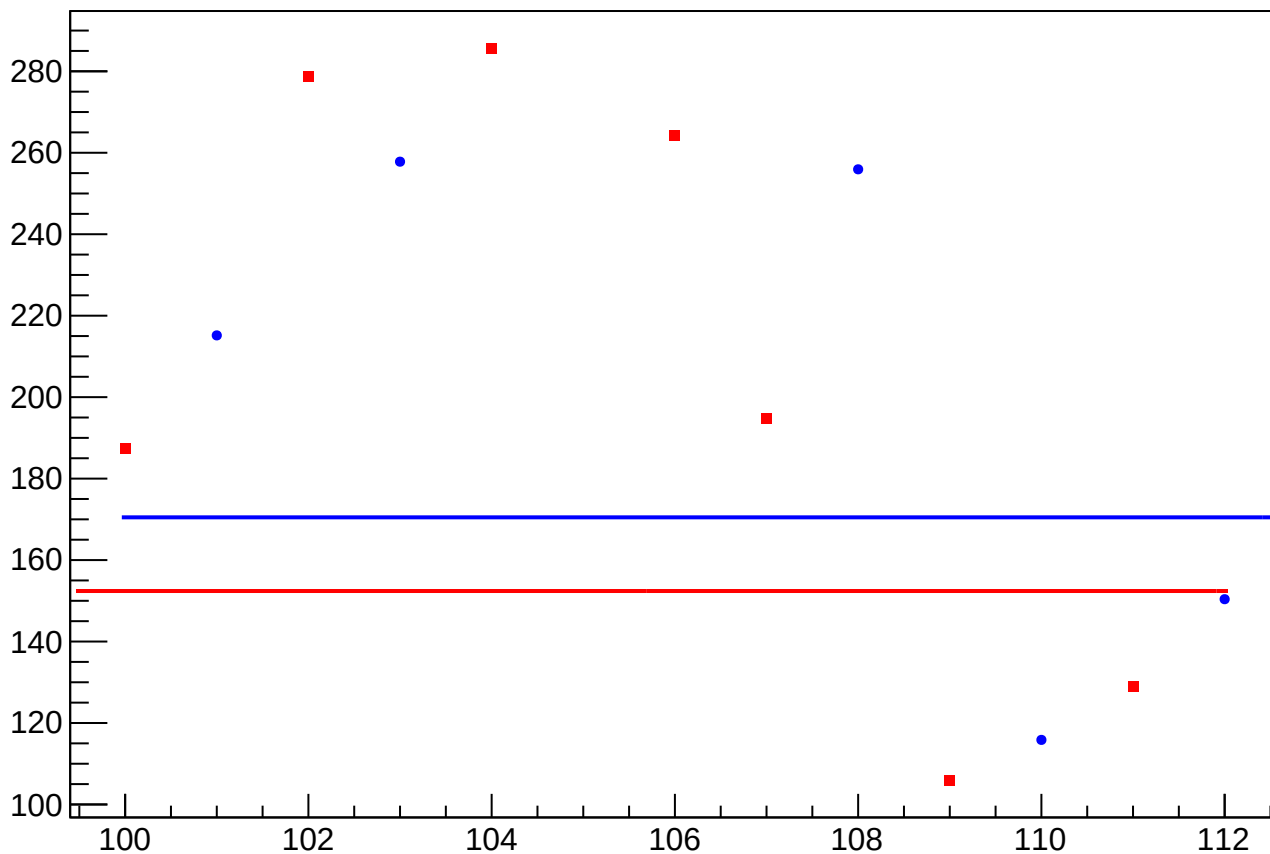
Right: -2.469+/-76.320 χ^2/NDF : 8.0/11

In: 2.154+/-114.349 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.469+/-76.320 χ^2/NDF : 8.0/11

asym_bcm_2an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 170.493+/-0.081 χ^2/NDF : 453658.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.406+/-0.072 χ^2/NDF : 821416.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

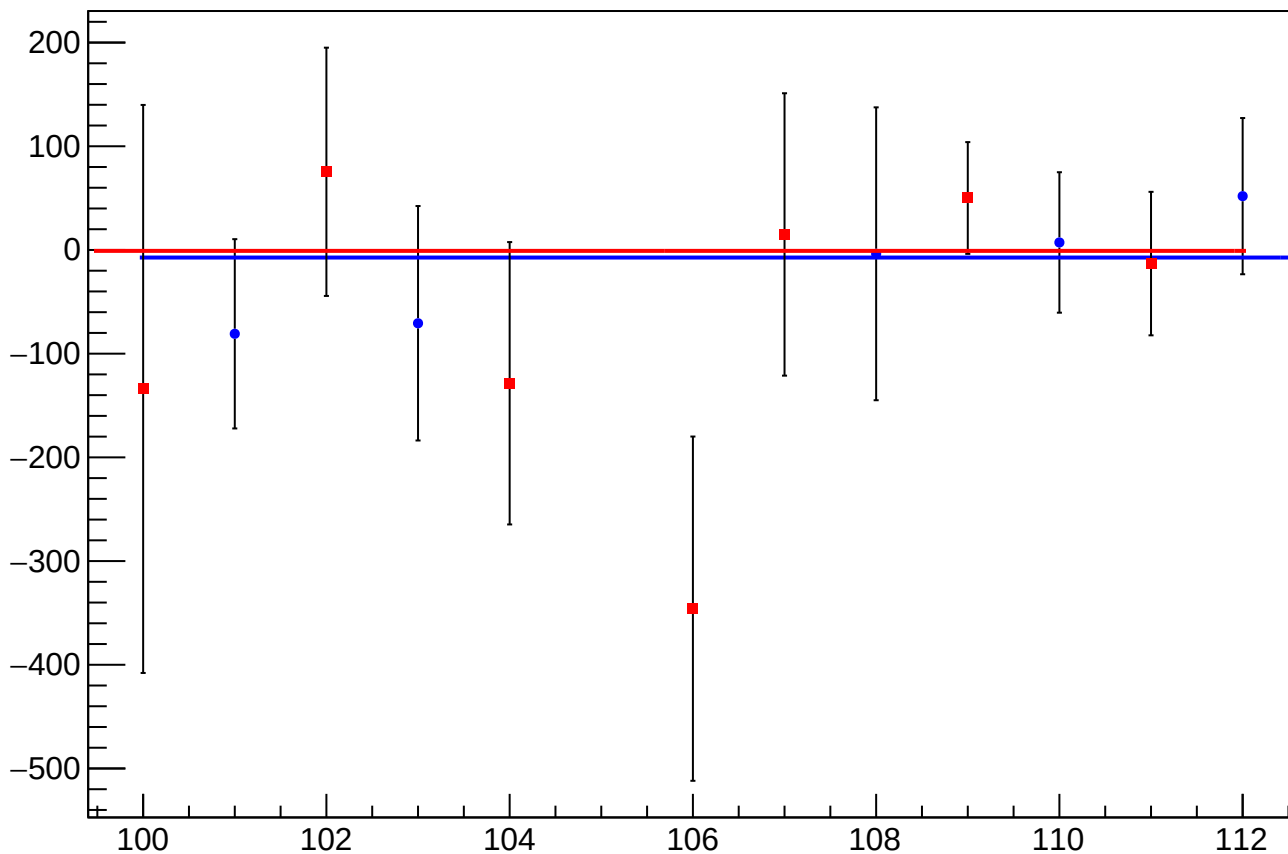
Right: 160.463+/-0.054 χ^2/NDF : 1302821.9/11

In: 170.493+/-0.081 χ^2/NDF : 453658.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.463+/-0.054 χ^2/NDF : 1302821.9/11

asym_bcm_2an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -7.305 $\pm$ 39.444 χ^2 /NDF: 1.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.880 $\pm$ 35.790 χ^2 /NDF: 6.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

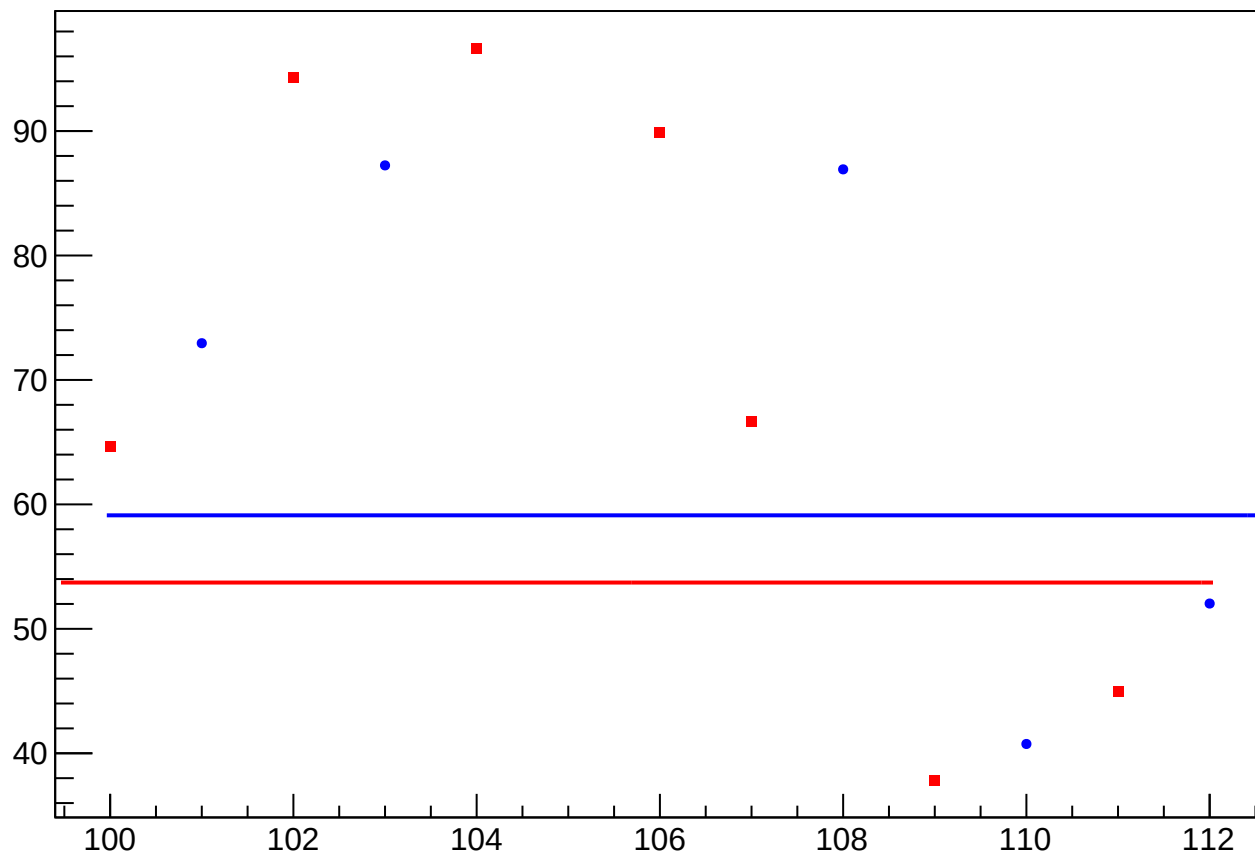
Right: -3.781 $\pm$ 26.505 χ^2 /NDF: 8.4/11

In: -7.305 $\pm$ 39.444 χ^2 /NDF:1.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -3.781 $\pm$ 26.505 χ^2 /NDF: 8.4/11

asym_bcm_2an_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 59.121+/-0.028 χ^2/NDF : 412114.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.720+/-0.025 χ^2/NDF : 750254.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

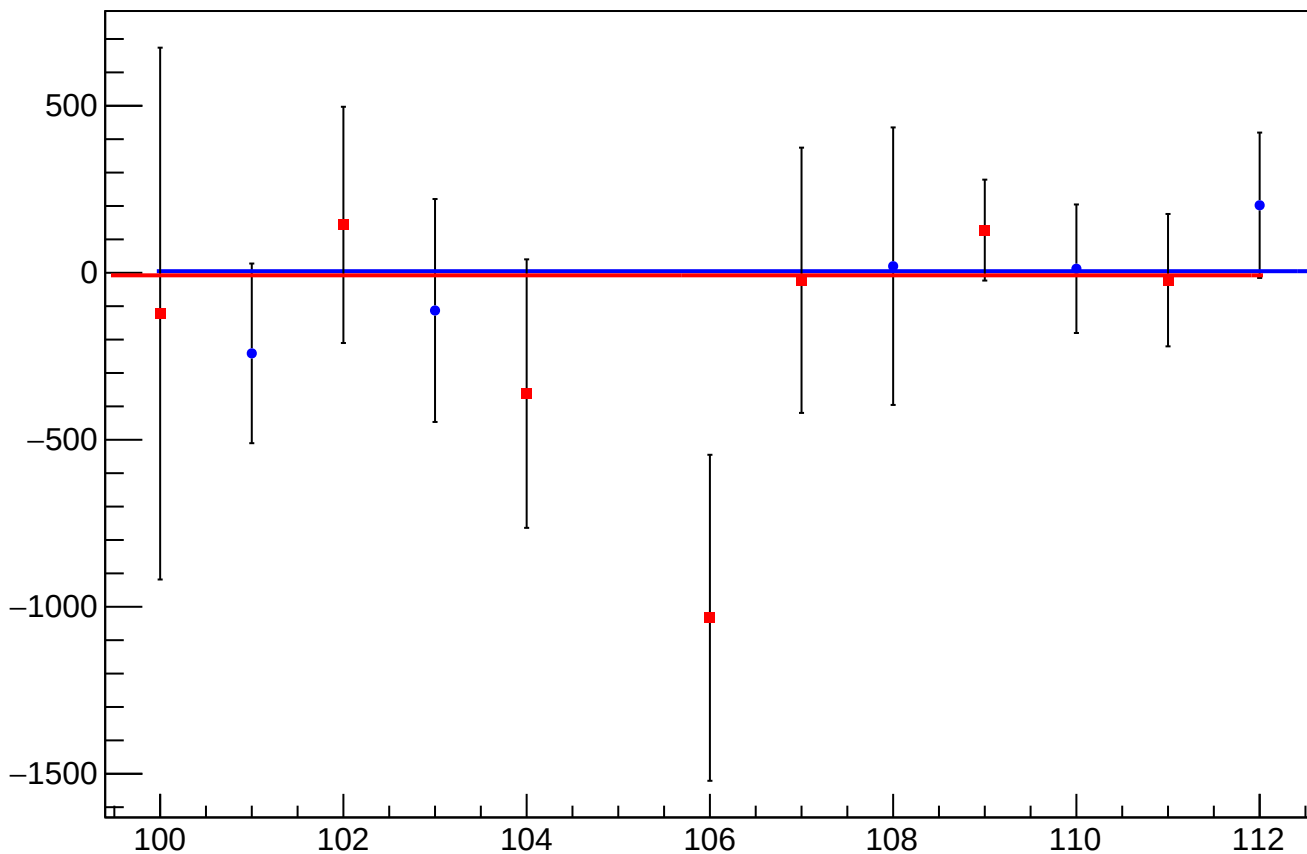
Right: 56.159+/-0.019 χ^2/NDF : 1182938.0/11

In: 59.121+/-0.028 χ^2/NDF : 412114.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.159+/-0.019 χ^2/NDF : 1182938.0/11

asym_bcm_an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: 4.762+/-114.160 χ^2/NDF : 1.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.609+/-102.287 χ^2/NDF : 6.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

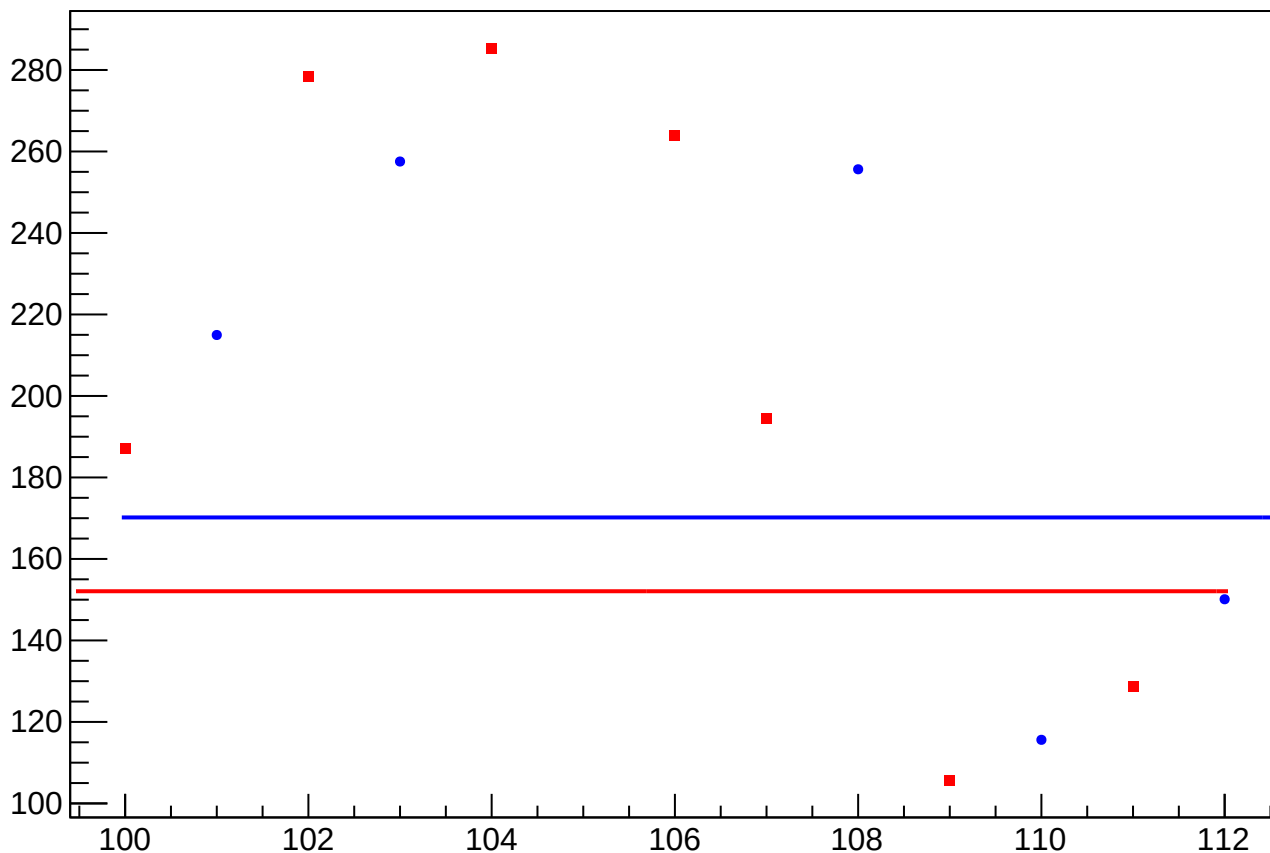
Right: -2.100+/-76.181 χ^2/NDF : 8.0/11

In: 4.762+/-114.160 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.100+/-76.181 χ^2/NDF : 8.0/11

asym_bcm_an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 170.186+/-0.081 χ^2/NDF : 454971.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.072+/-0.072 χ^2/NDF : 823270.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

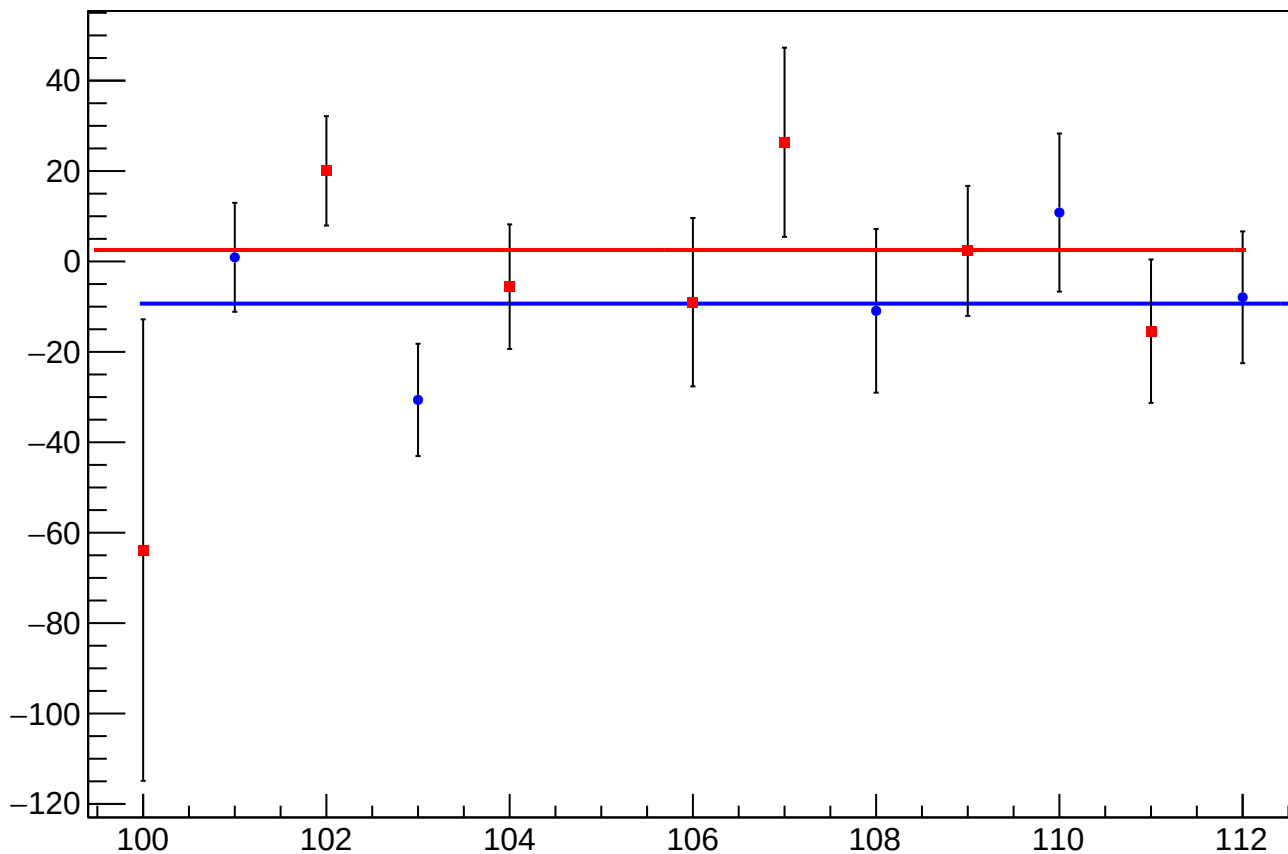
Right: 160.138+/-0.054 χ^2/NDF : 1306169.5/11

In: 170.186+/-0.081 χ^2/NDF : 454971.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.138+/-0.054 χ^2/NDF : 1306169.5/11

asym_bcm_an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -9.328+/-6.401 χ^2/NDF : 5.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.542+/-6.147 χ^2/NDF : 7.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

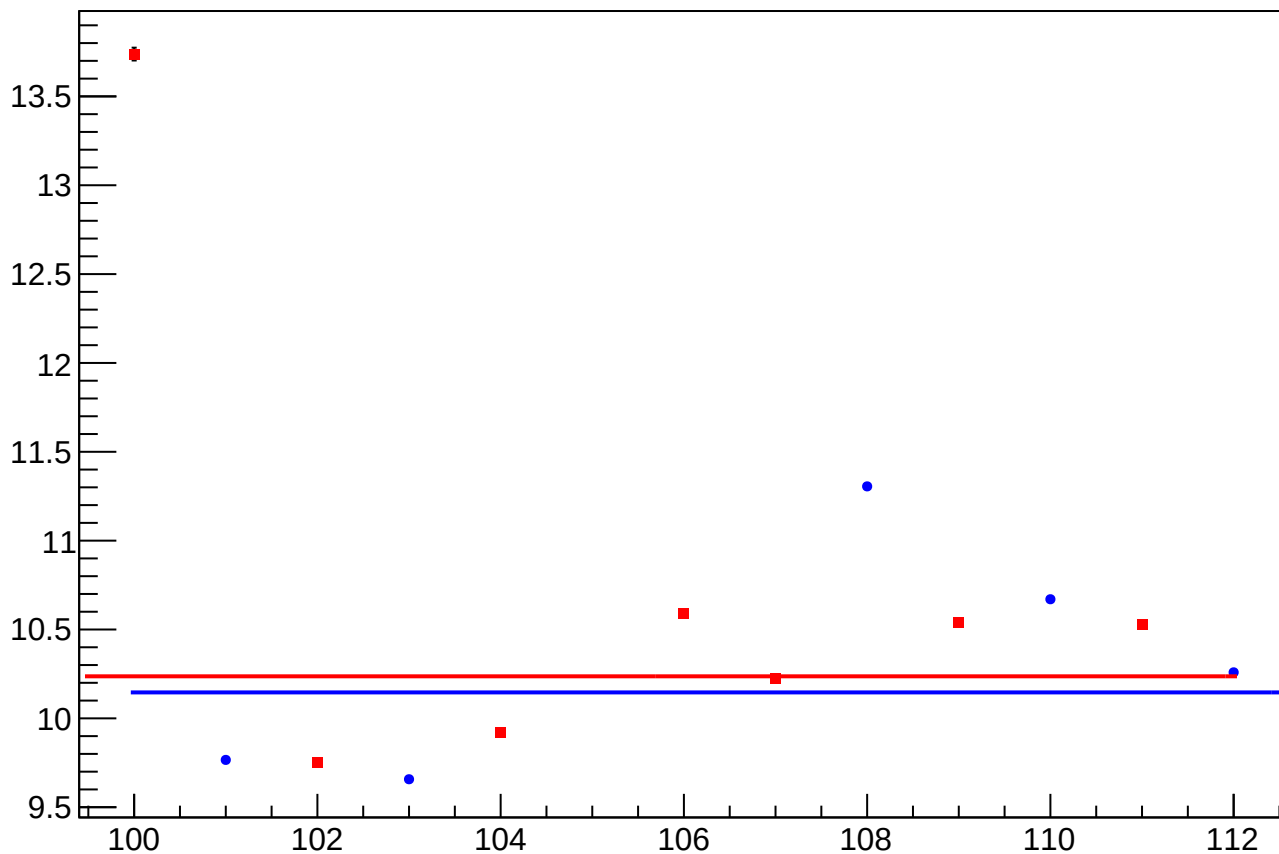
Right: -3.153+/-4.434 χ^2/NDF : 13.9/11

In: -9.328+/-6.401 χ^2/NDF : 5.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.153+/-4.434 χ^2/NDF : 13.9/11

asym_bcm_an_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 10.146+/-0.005 χ^2/NDF : 15210.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.237+/-0.004 χ^2/NDF : 15955.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

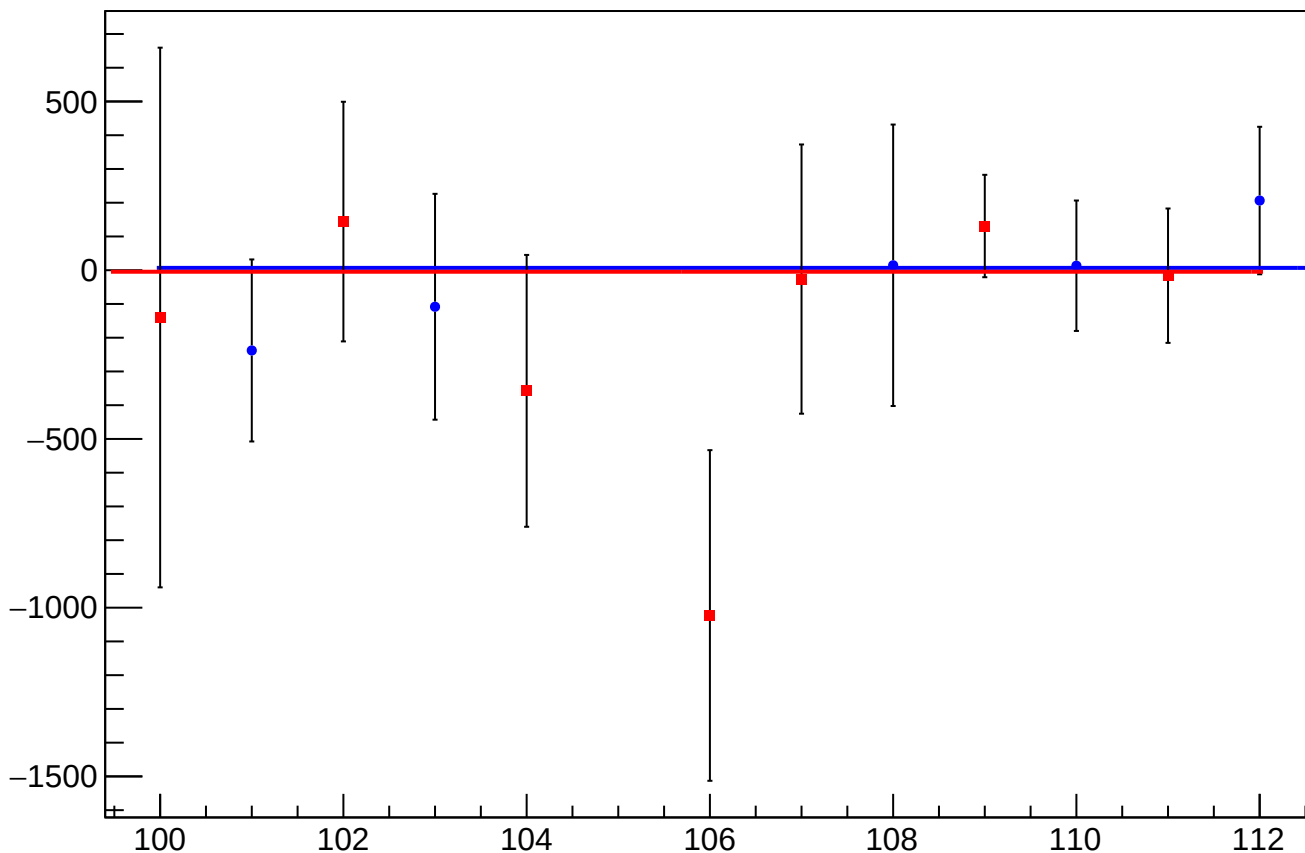
Right: 10.193+/-0.003 χ^2/NDF : 31373.6/11

In: 10.146+/-0.005 χ^2/NDF : 15210.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.193+/-0.003 χ^2/NDF : 31373.6/11

asym_bcm_an_us_an_ds3_avg_mean vs Slug, Sign Corrected



Right In: 6.914+/-114.597 χ^2 /NDF: 1.8/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -4.519+/-102.716 χ^2 /NDF: 6.1/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

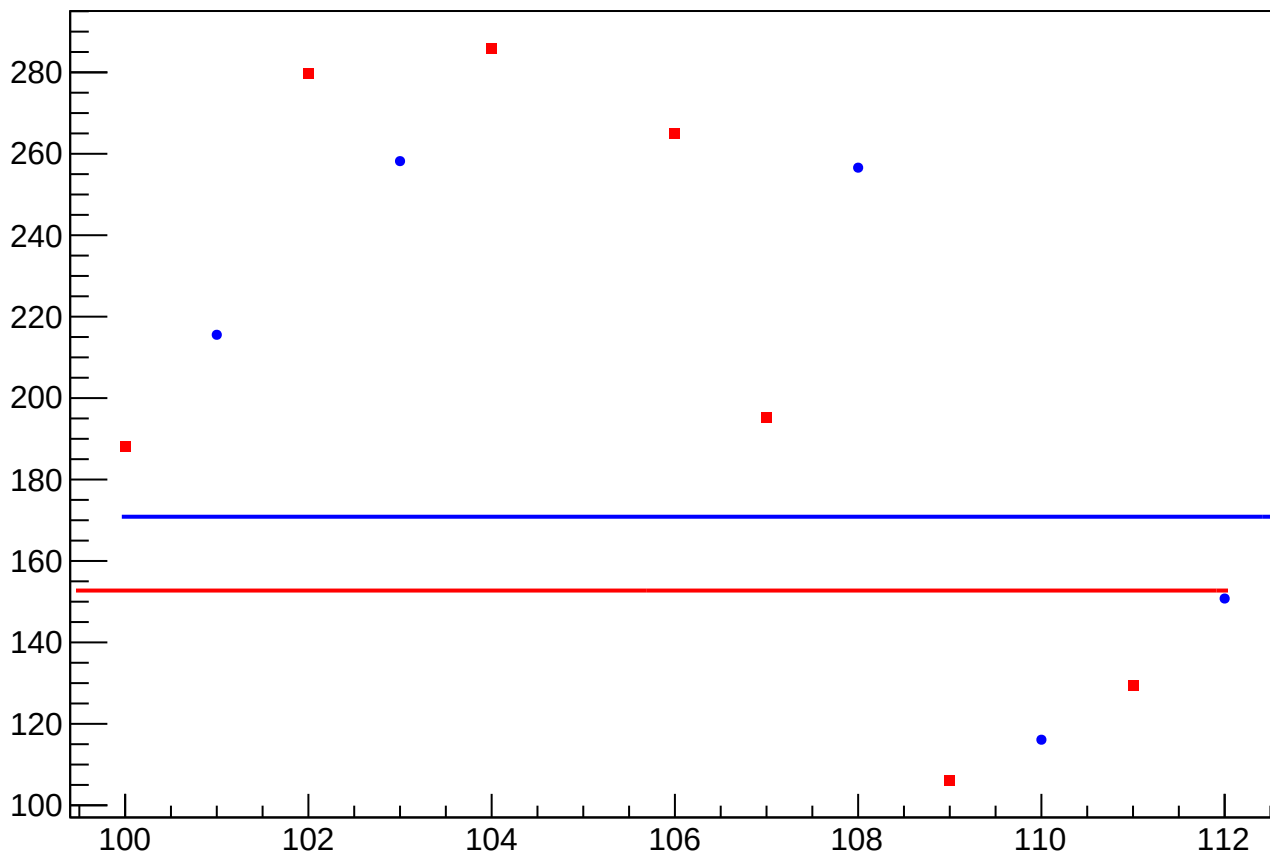
Right: 0.574+/-76.488 χ^2 /NDF: 7.9/11

In: 6.914+/-114.597 χ^2 /NDF:1.8/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.574+/-76.488 χ^2 /NDF: 7.9/11

asym_bcm_an_us_an_ds3_avg_rms vs Slug, Sign Corrected



Right In: 170.866 $\pm$ 0.081 χ^2 /NDF: 453191.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 152.737 $\pm$ 0.073 χ^2 /NDF: 821652.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

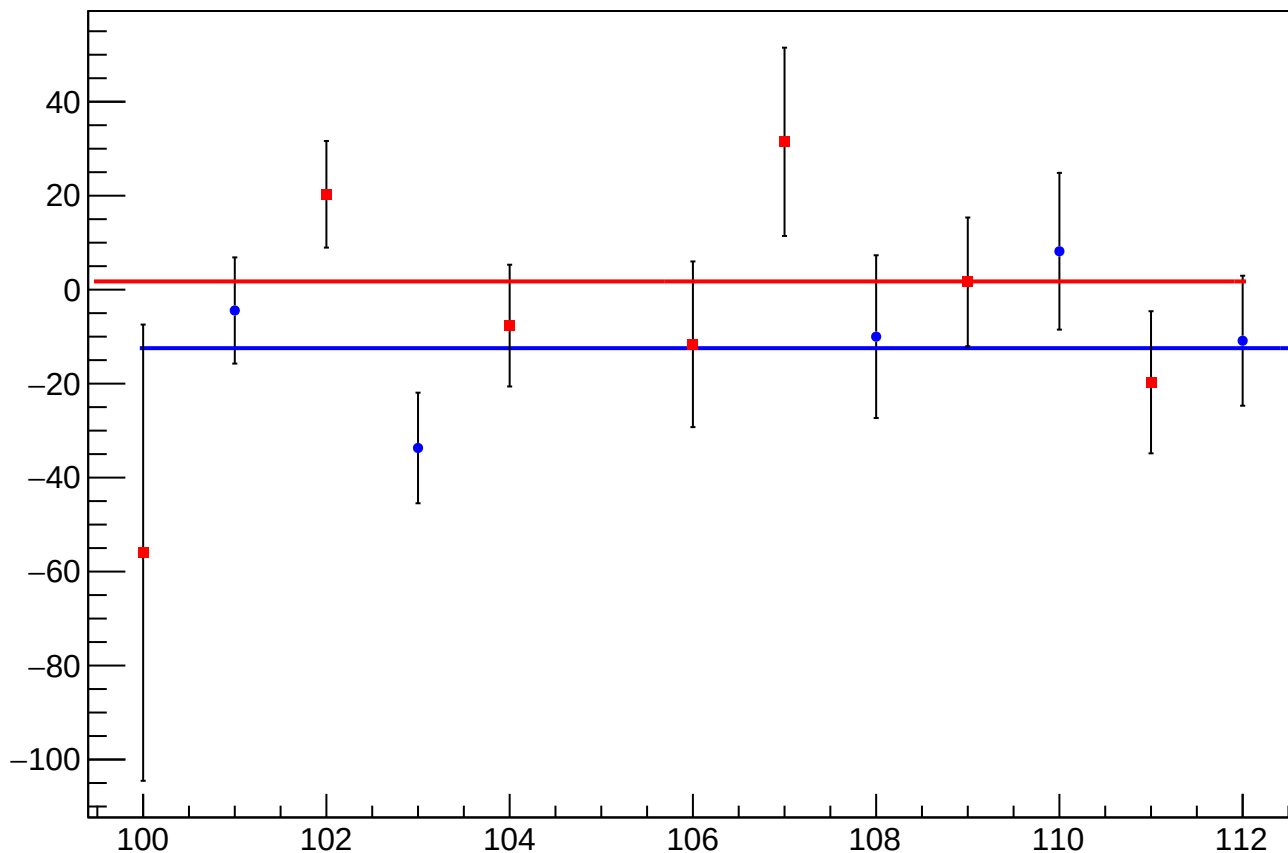
Right: 160.813 $\pm$ 0.054 χ^2 /NDF: 1302599.8/11

In: 170.866 $\pm$ 0.081 χ^2 /NDF:453191.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 160.813 $\pm$ 0.054 χ^2 /NDF: 1302599.8/11

asym_bcm_an_us_an_ds3_dd_mean vs Slug, Sign Corrected



Right In: -12.452 $\pm$ 6.063 χ^2 /NDF: 5.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.755 $\pm$ 5.817 χ^2 /NDF: 9.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

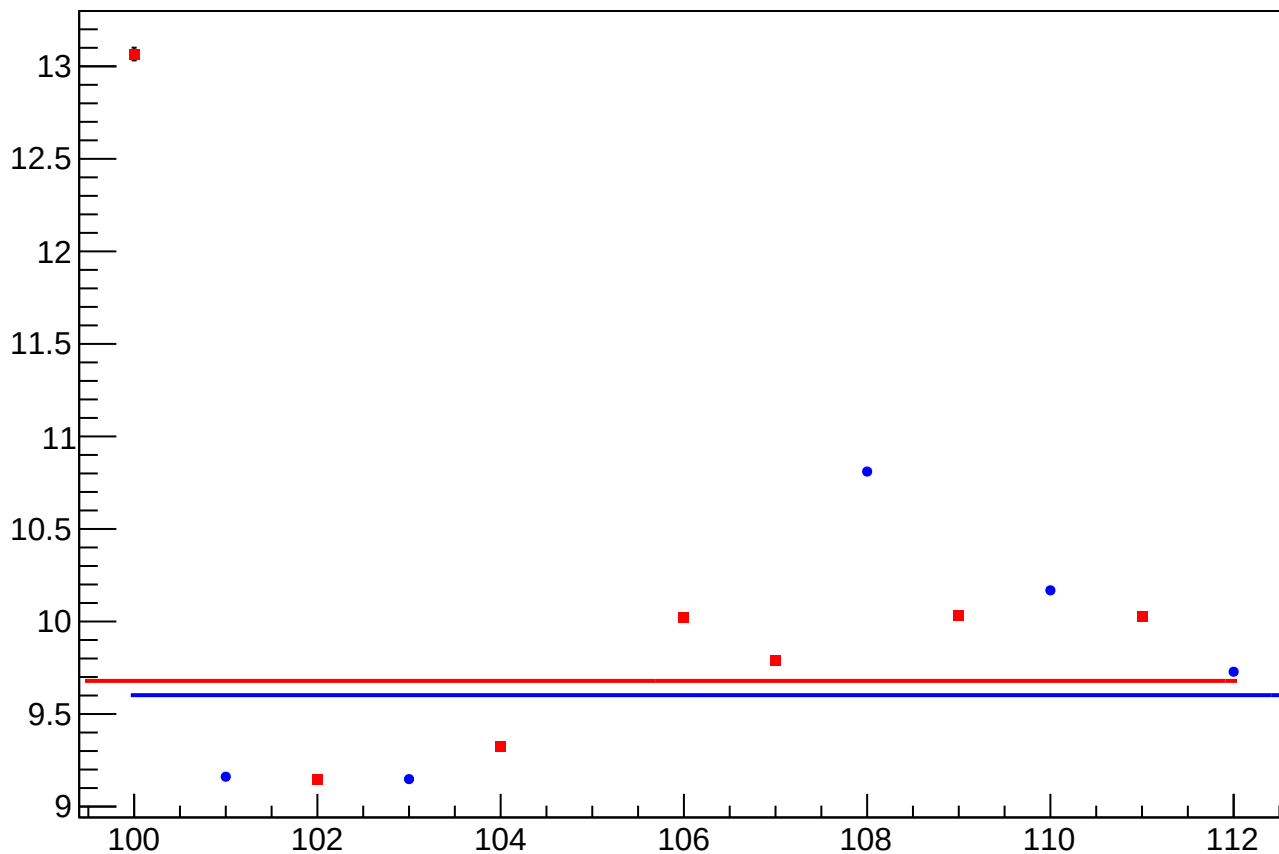
Right: -5.055 $\pm$ 4.198 χ^2 /NDF: 17.6/11

In: -12.452 $\pm$ 6.063 χ^2 /NDF:5.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.055 $\pm$ 4.198 χ^2 /NDF: 17.6/11

asym_bcm_an_us_an_ds3_dd_rms vs Slug, Sign Corrected



Right In: 9.602 $\pm$ 0.004 χ^2 /NDF: 18223.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 9.679 $\pm$ 0.004 χ^2 /NDF: 18820.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

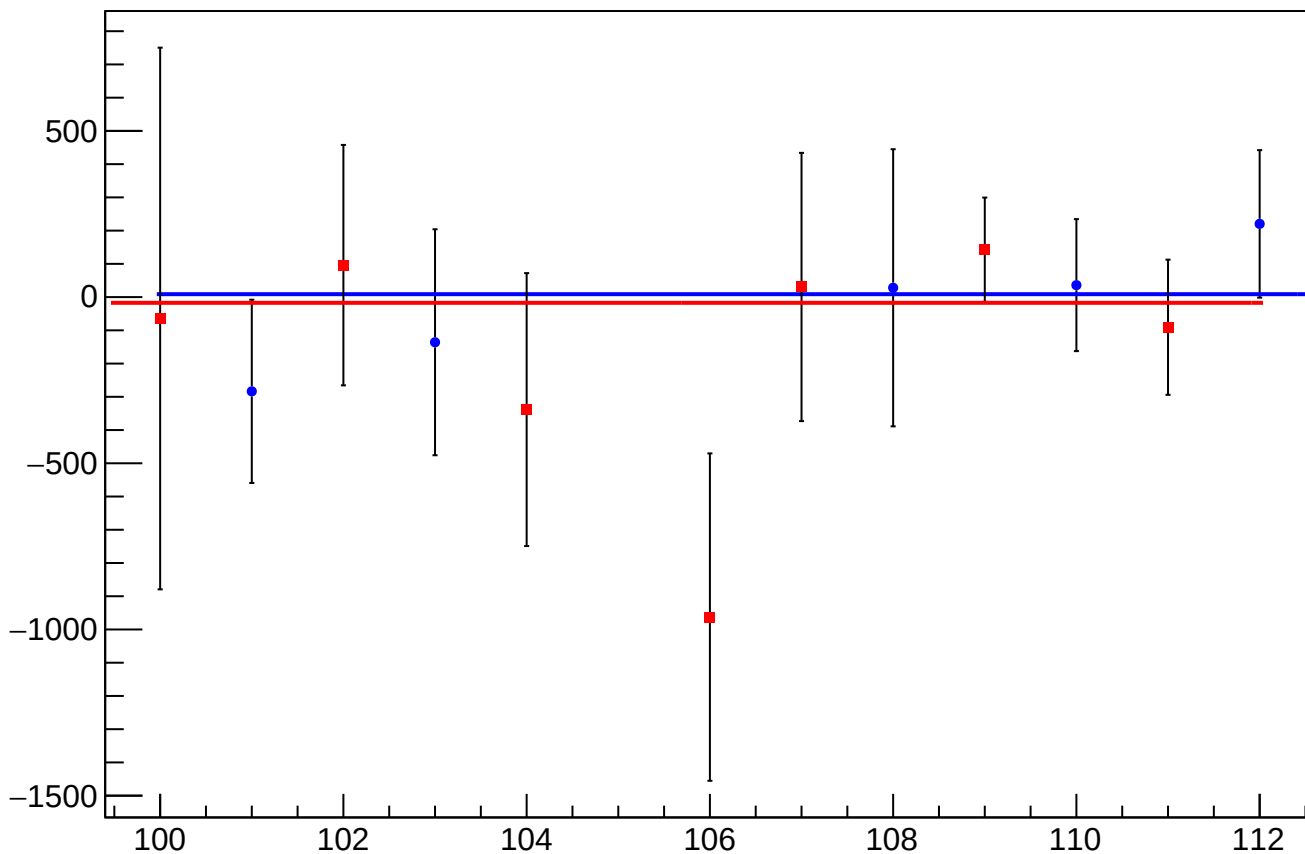
Right: 9.642 $\pm$ 0.003 χ^2 /NDF: 37212.0/11

In: 9.602 $\pm$ 0.004 χ^2 /NDF:18223.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 9.642 $\pm$ 0.003 χ^2 /NDF: 37212.0/11

asym_bcm_dg_us_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: 8.767+/-116.857 χ^2/NDF : 2.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.224+/-105.308 χ^2/NDF : 5.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

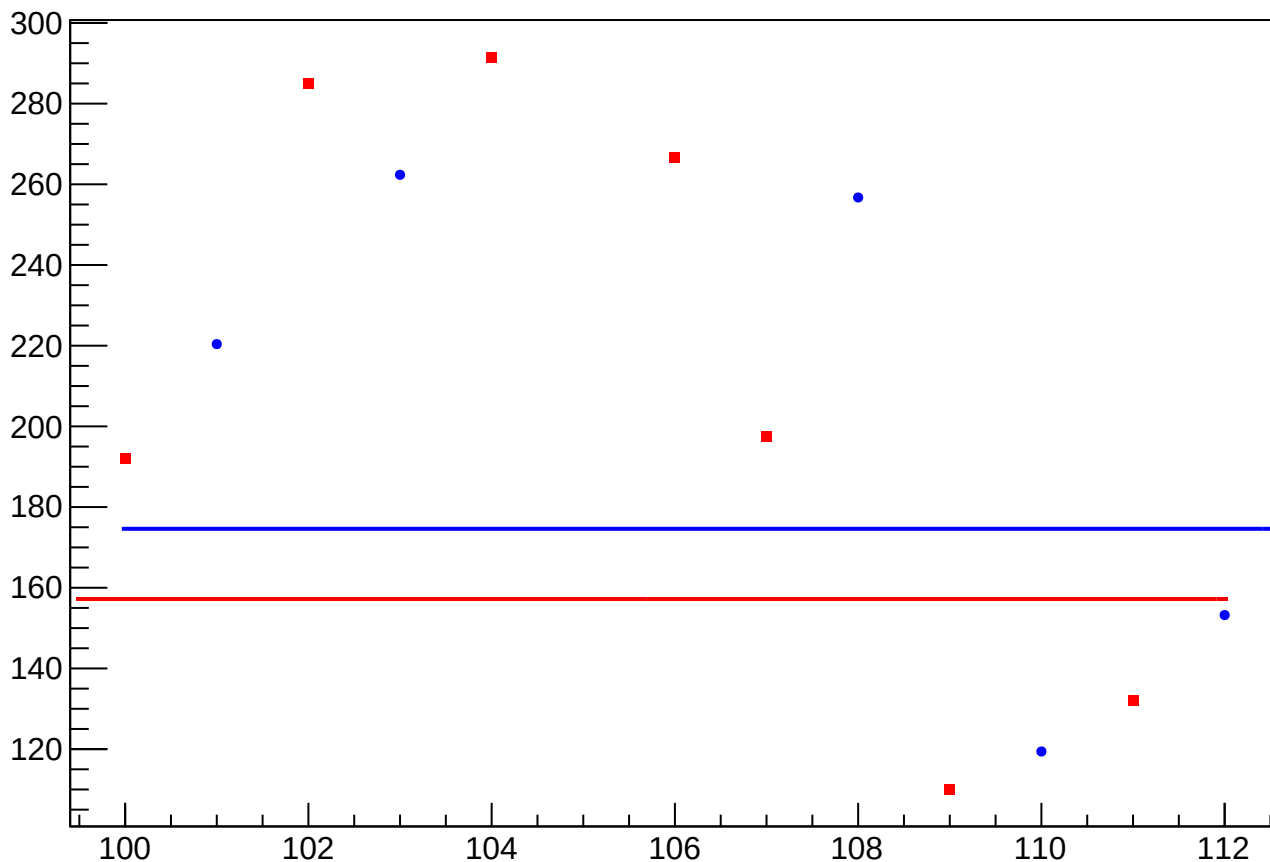
Right: -5.576+/-78.229 χ^2/NDF : 7.8/11

In: 8.767+/-116.857 χ^2/NDF : 2.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.576+/-78.229 χ^2/NDF : 7.8/11

asym_bcm_dg_us_dg_ds_avg_rms vs Slug, Sign Corrected



Right In: 174.614 $\pm$ 0.083 χ^2 /NDF: 439071.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 157.213 $\pm$ 0.074 χ^2 /NDF: 796381.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

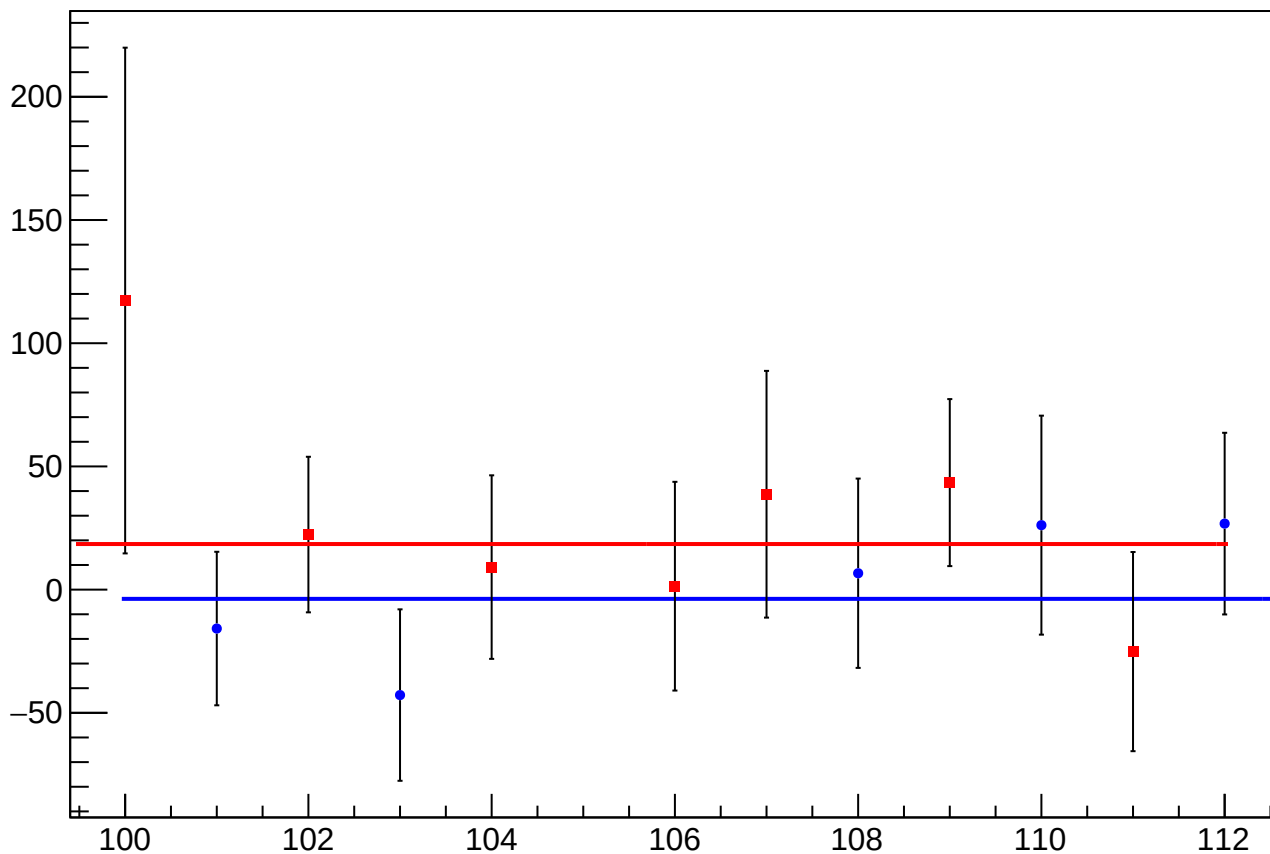
Right: 165.011 $\pm$ 0.055 χ^2 /NDF: 1259925.2/11

In: 174.614 $\pm$ 0.083 χ^2 /NDF:439071.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 165.011 $\pm$ 0.055 χ^2 /NDF: 1259925.2/11

asym_bcm_dg_us_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: -3.746 $\pm$ 16.272 χ^2 /NDF: 2.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 18.504 $\pm$ 15.324 χ^2 /NDF: 3.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

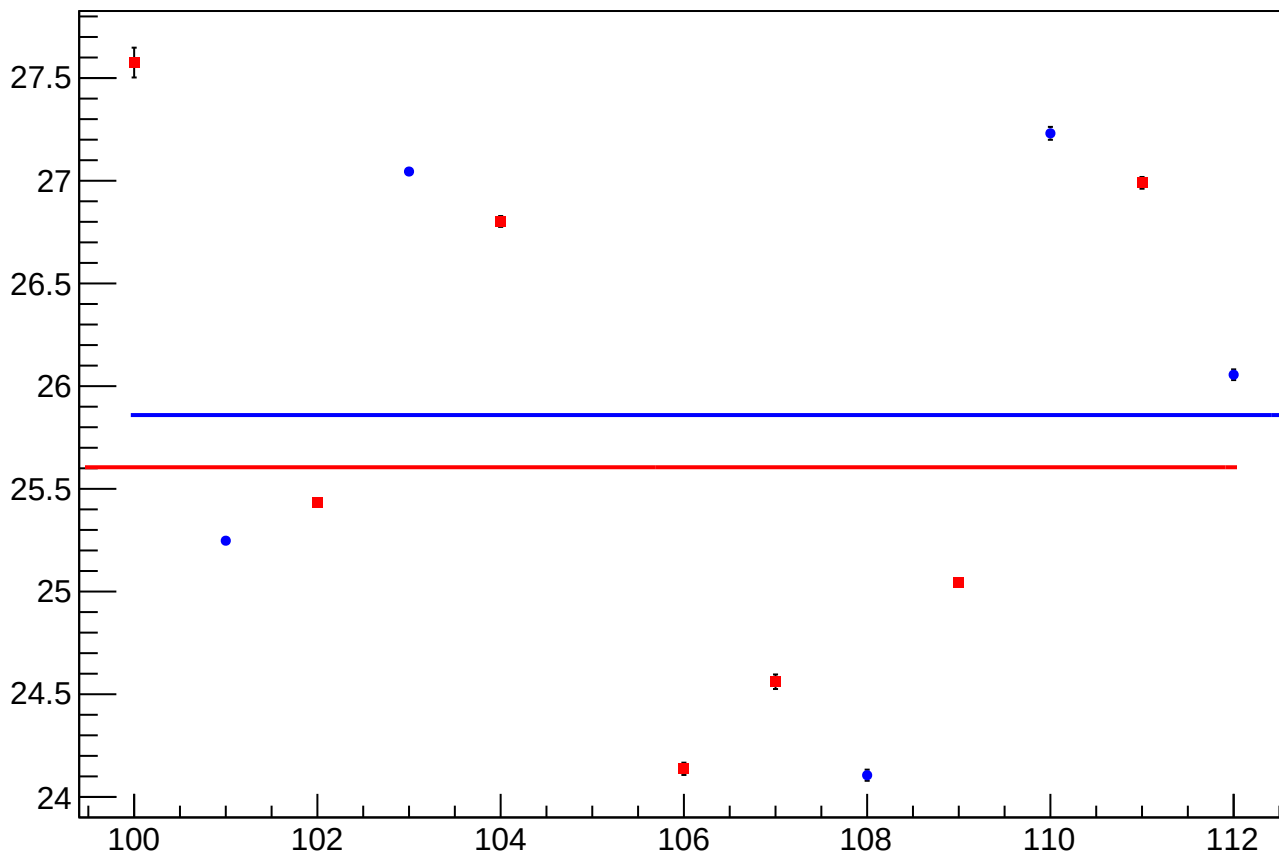
Right: 8.046 $\pm$ 11.156 χ^2 /NDF: 6.7/11

In: -3.746 $\pm$ 16.272 χ^2 /NDF:2.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 8.046 $\pm$ 11.156 χ^2 /NDF: 6.7/11

asym_bcm_dg_us_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 25.859+/-0.012 χ^2/NDF : 9223.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.605+/-0.011 χ^2/NDF : 9032.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

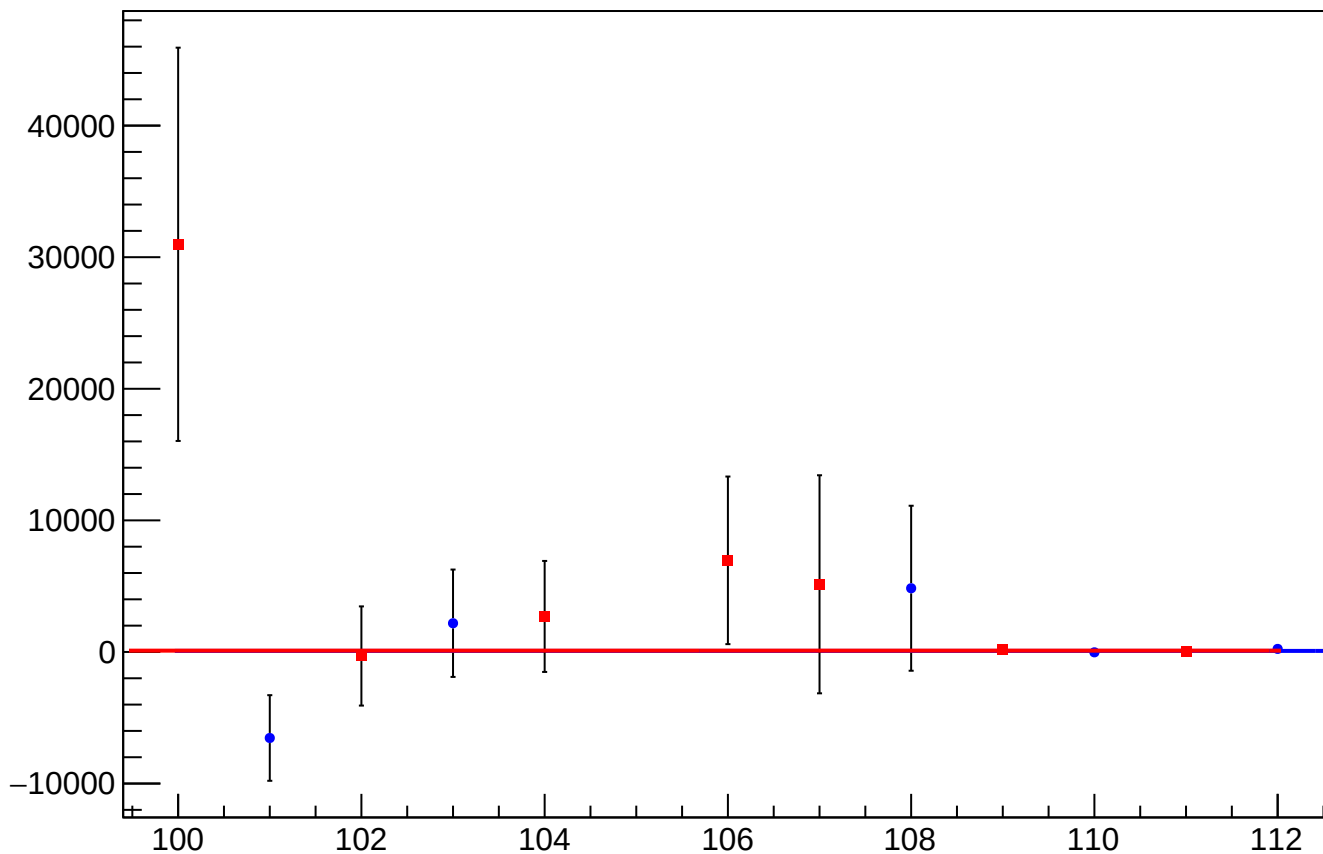
Right: 25.725+/-0.008 χ^2/NDF : 18514.7/11

In: 25.859+/-0.012 χ^2/NDF : 9223.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.725+/-0.008 χ^2/NDF : 18514.7/11

asym_bcm_cav4cQ_an_ds_avg_mean vs Slug, Sign Corrected



Right In: 79.770+/-144.509 χ^2/NDF : 5.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.047+/-143.832 χ^2/NDF : 6.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

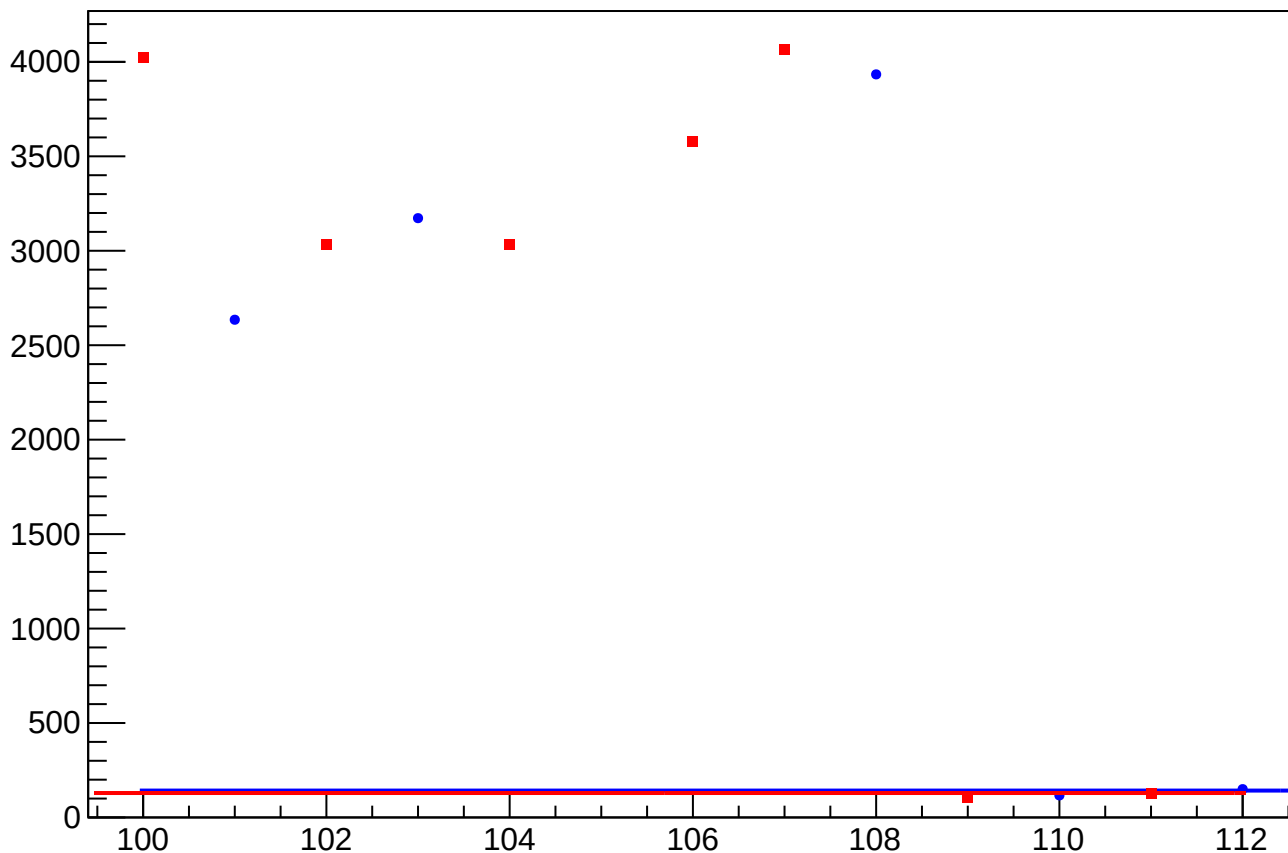
Right: 89.956+/-101.943 χ^2/NDF : 12.3/11

In: 79.770+/-144.509 χ^2/NDF : 5.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.956+/-101.943 χ^2/NDF : 12.3/11

asym_bcm_cav4cQ_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 142.301+/-0.102 χ^2/NDF : 3045820.9/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 129.387+/-0.102 χ^2/NDF : 3334929.0/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

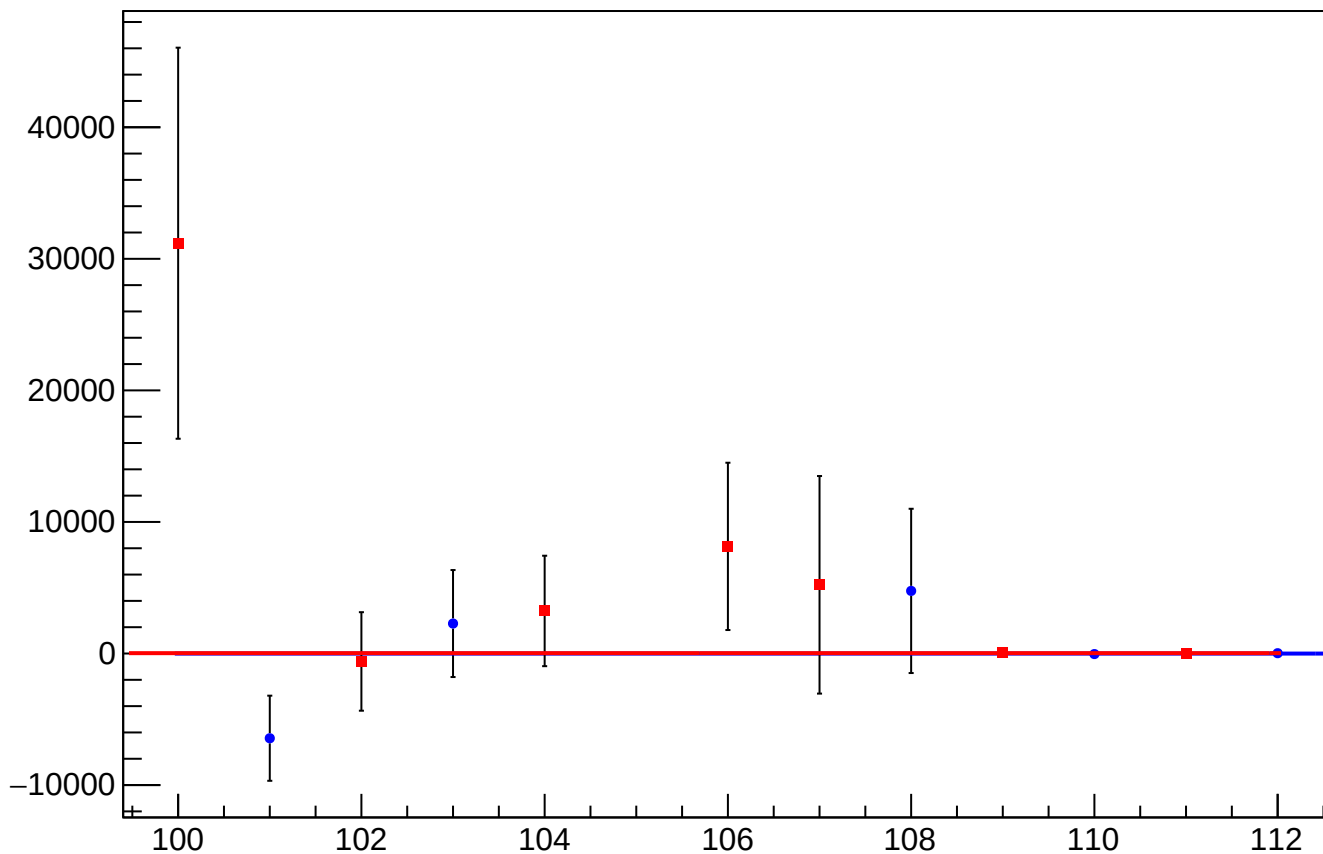
Right: 135.814+/-0.072 χ^2/NDF : 6388773.3/11

In: 142.301+/-0.102 χ^2/NDF :3045820.9/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 135.814+/-0.072 χ^2/NDF : 6388773.3/11

asym_bcm_cav4cQ_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -4.797 $\pm$ 28.659 χ^2 /NDF: 6.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 26.922 $\pm$ 31.964 χ^2 /NDF: 7.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

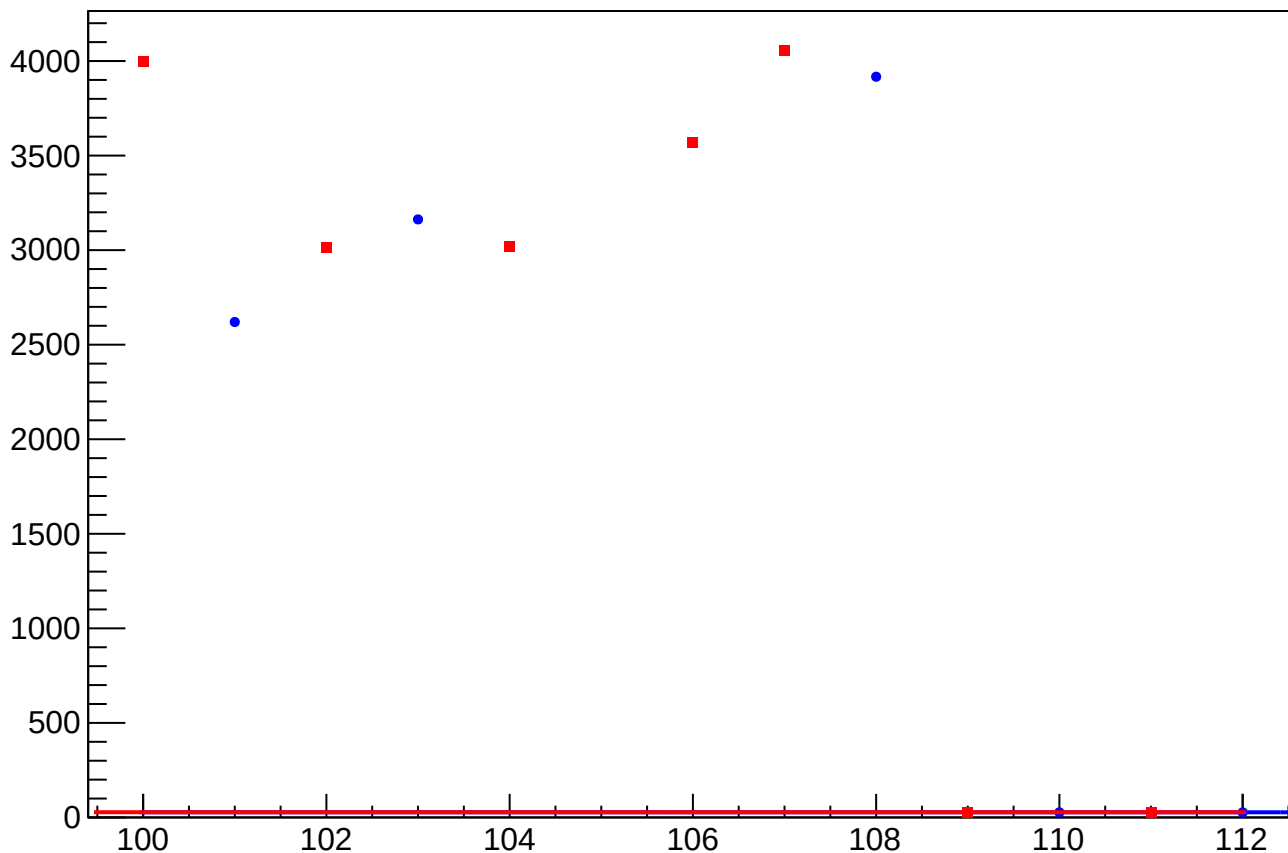
Right: 9.339 $\pm$ 21.338 χ^2 /NDF: 14.3/11

In: -4.797 $\pm$ 28.659 χ^2 /NDF:6.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 9.339 $\pm$ 21.338 χ^2 /NDF: 14.3/11

asym_bcm_cav4cQ_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 27.255+/-0.020 χ^2/NDF : 3250623.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.654+/-0.023 χ^2/NDF : 3529894.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

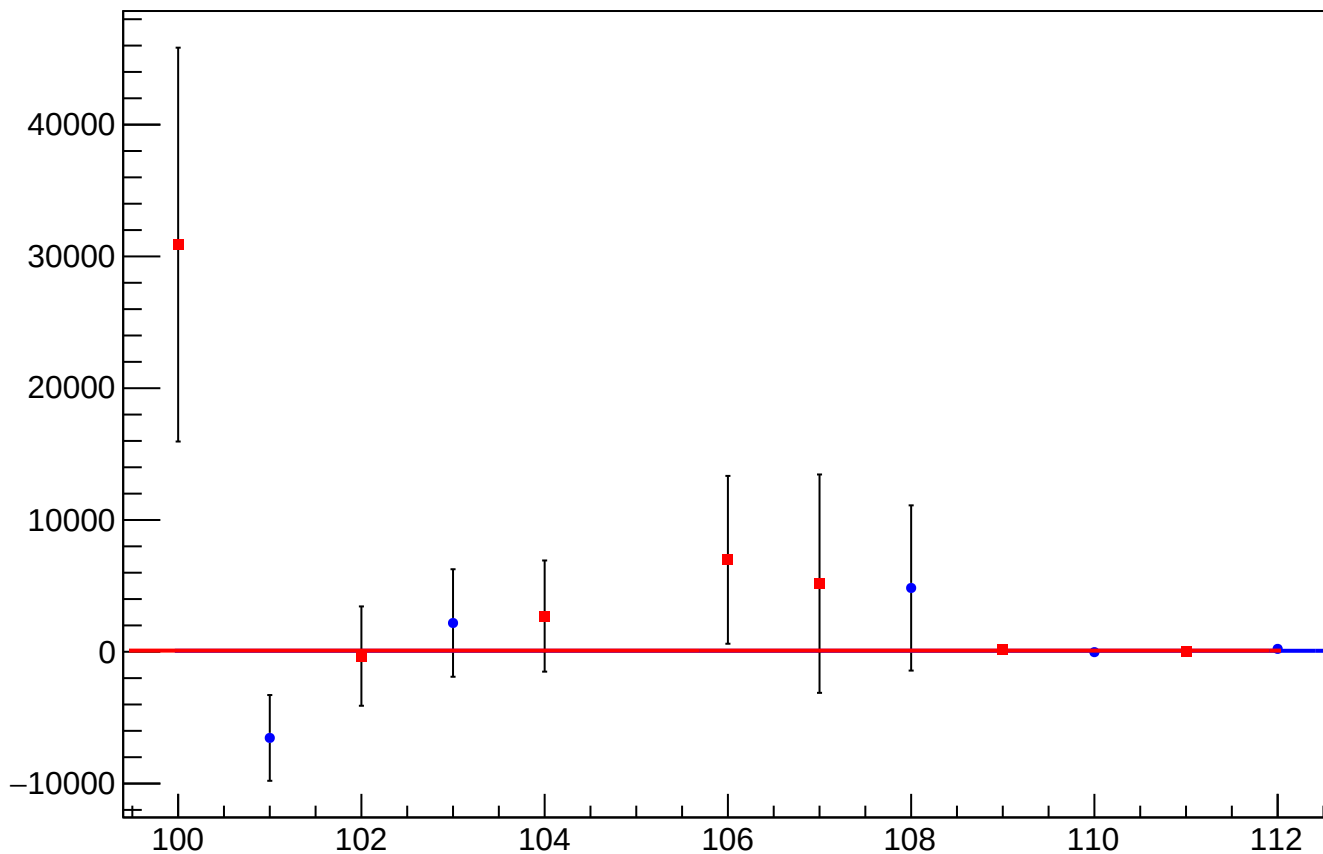
Right: 27.433+/-0.015 χ^2/NDF : 6780691.0/11

In: 27.255+/-0.020 χ^2/NDF : 3250623.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.433+/-0.015 χ^2/NDF : 6780691.0/11

asym_bcm_cav4cQ_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: 74.662 $\pm$ 145.607 χ^2 /NDF: 5.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 89.174 $\pm$ 145.254 χ^2 /NDF: 6.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

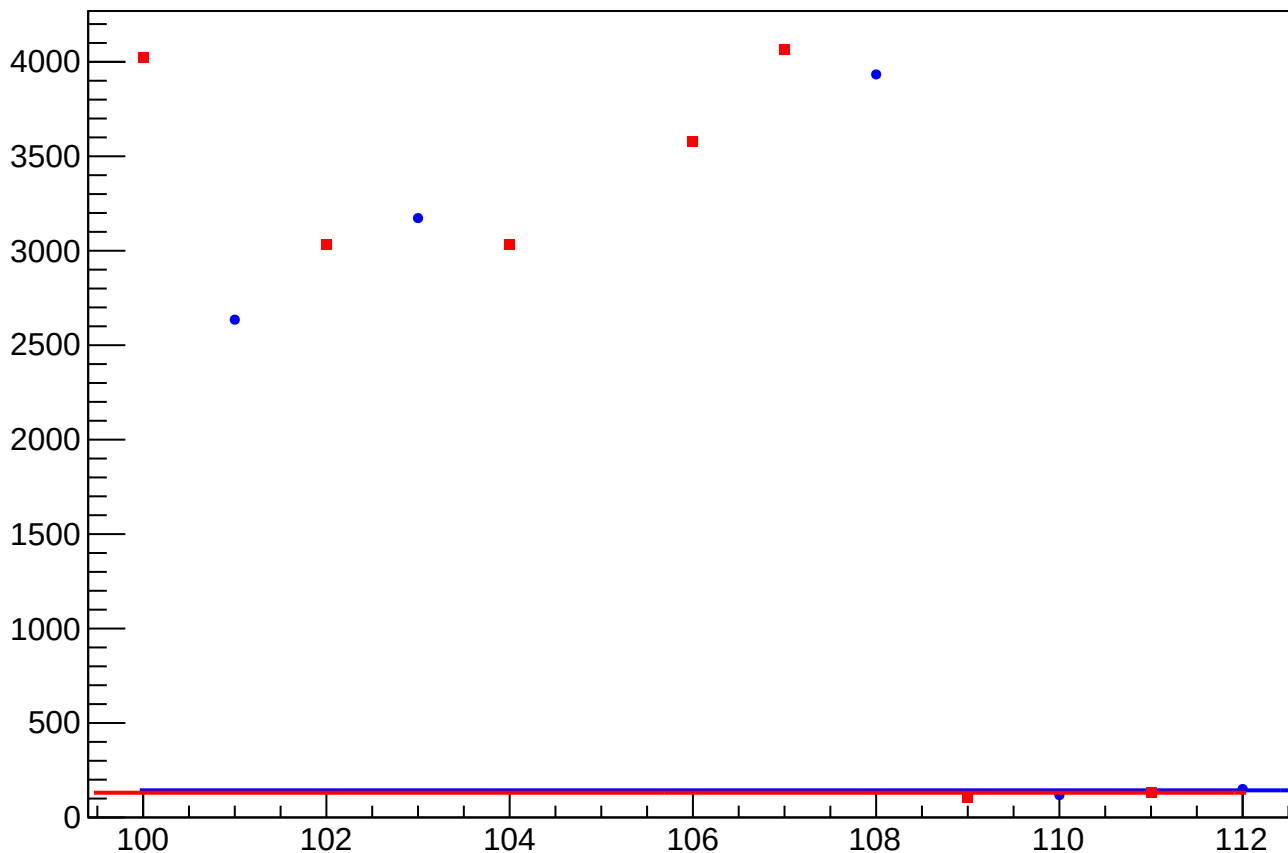
Right: 81.935 $\pm$ 102.835 χ^2 /NDF: 12.3/11

In: 74.662 $\pm$ 145.607 χ^2 /NDF: 5.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 81.935 $\pm$ 102.835 χ^2 /NDF: 12.3/11

asym_bcm_cav4cQ_dg_ds_avg_rms vs Slug, Sign Corrected



Right In: 143.550+/-0.103 χ^2/NDF : 3042252.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.899+/-0.103 χ^2/NDF : 3331330.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

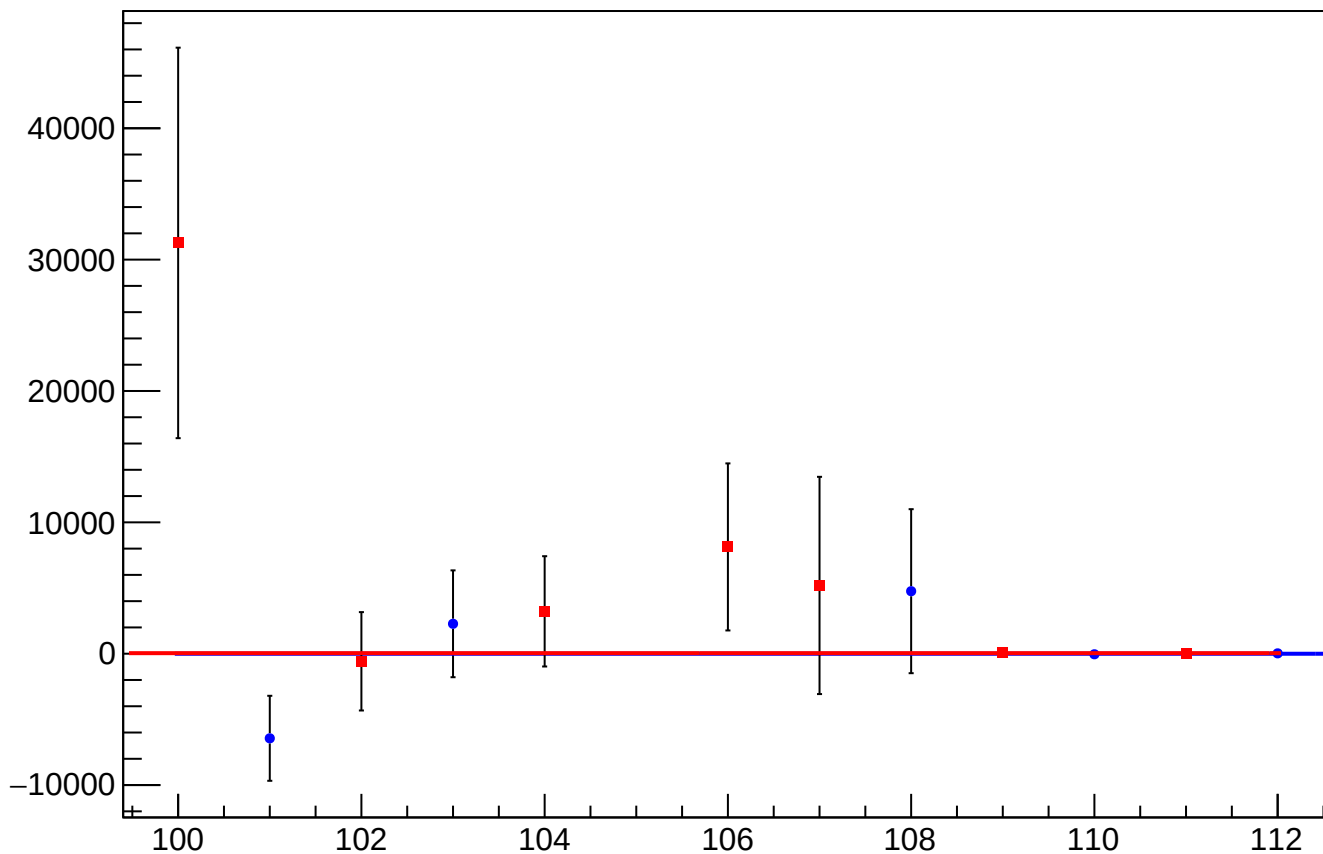
Right: 137.209+/-0.073 χ^2/NDF : 6381149.6/11

In: 143.550+/-0.103 χ^2/NDF : 3042252.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.209+/-0.073 χ^2/NDF : 6381149.6/11

asym_bcm_cav4cQ_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: -3.455+/-33.542 χ^2/NDF : 6.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.232+/-37.177 χ^2/NDF : 7.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

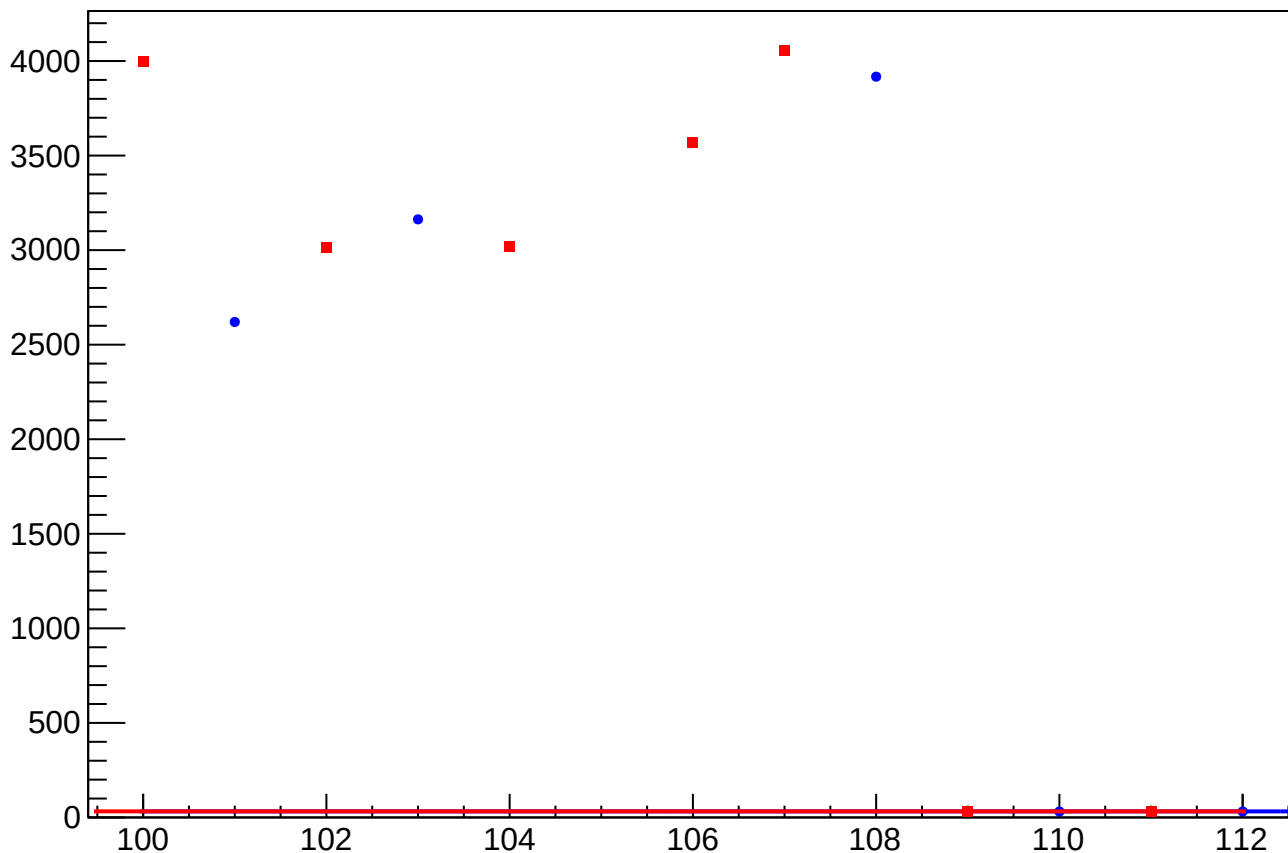
Right: 16.598+/-24.904 χ^2/NDF : 14.2/11

In: -3.455+/-33.542 χ^2/NDF : 6.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.598+/-24.904 χ^2/NDF : 14.2/11

asym_bcm_cav4cQ_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 32.003+/-0.024 χ^2/NDF : 3240601.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.292+/-0.026 χ^2/NDF : 3520009.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

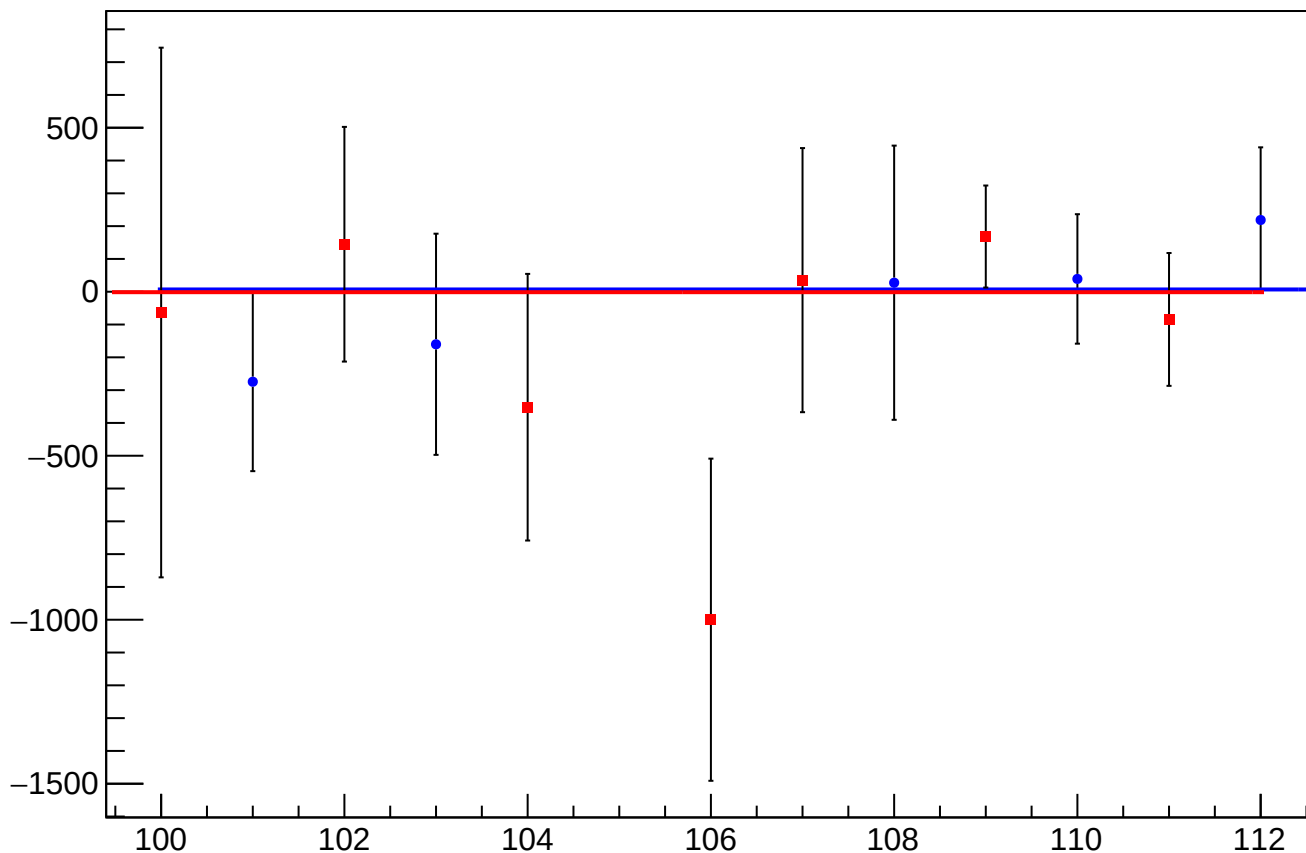
Right: 32.133+/-0.018 χ^2/NDF : 6760676.4/11

In: 32.003+/-0.024 χ^2/NDF : 3240601.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.133+/-0.018 χ^2/NDF : 6760676.4/11

asym_bcm_dg_us_an_us_avg_mean vs Slug, Sign Corrected



Right In: 6.920+/-116.225 χ^2/NDF : 2.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.366+/-104.569 χ^2/NDF : 6.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

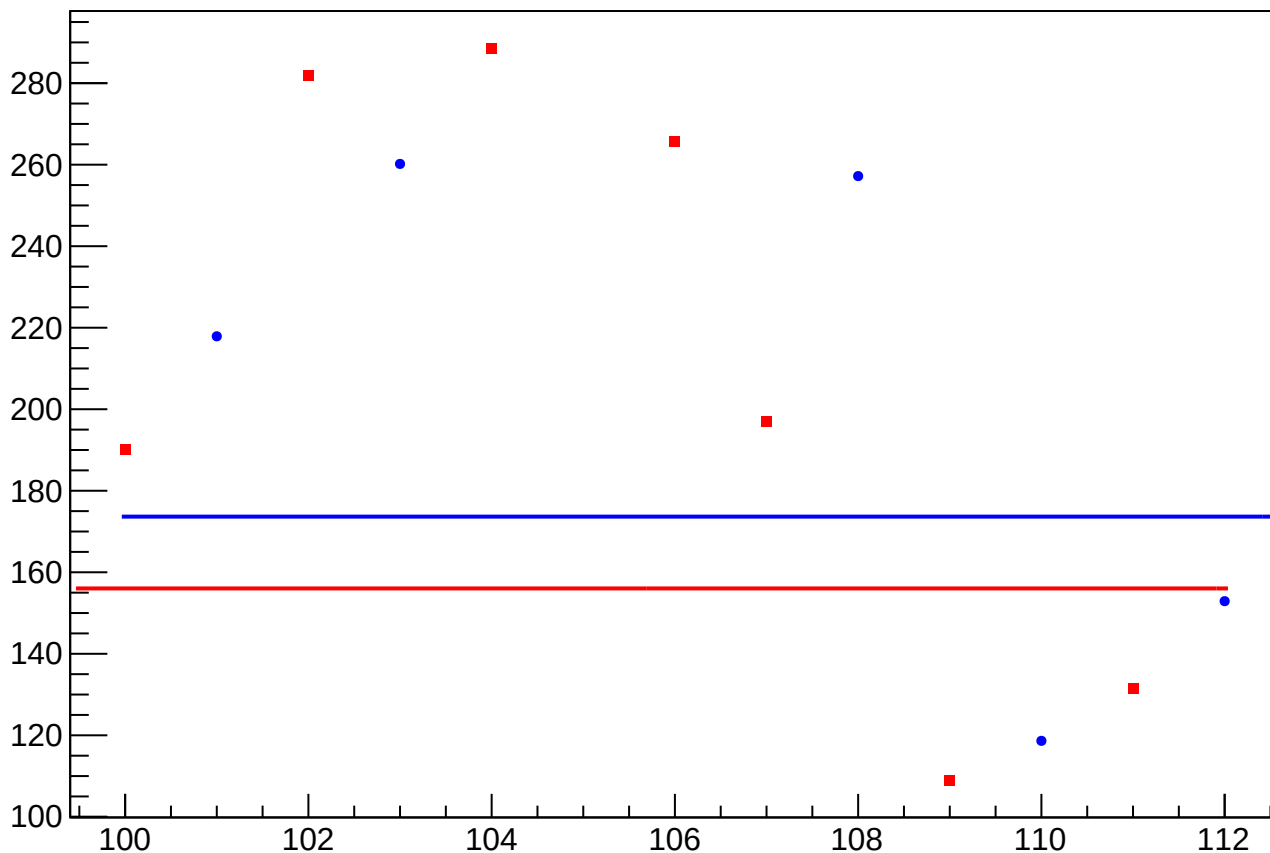
Right: 2.341+/-77.737 χ^2/NDF : 8.7/11

In: 6.920+/-116.225 χ^2/NDF : 2.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.341+/-77.737 χ^2/NDF : 8.7/11

asym_bcm_dg_us_an_us_avg_rms vs Slug, Sign Corrected



Right In: 173.654+/-0.082 χ^2/NDF : 437263.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.035+/-0.074 χ^2/NDF : 795730.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

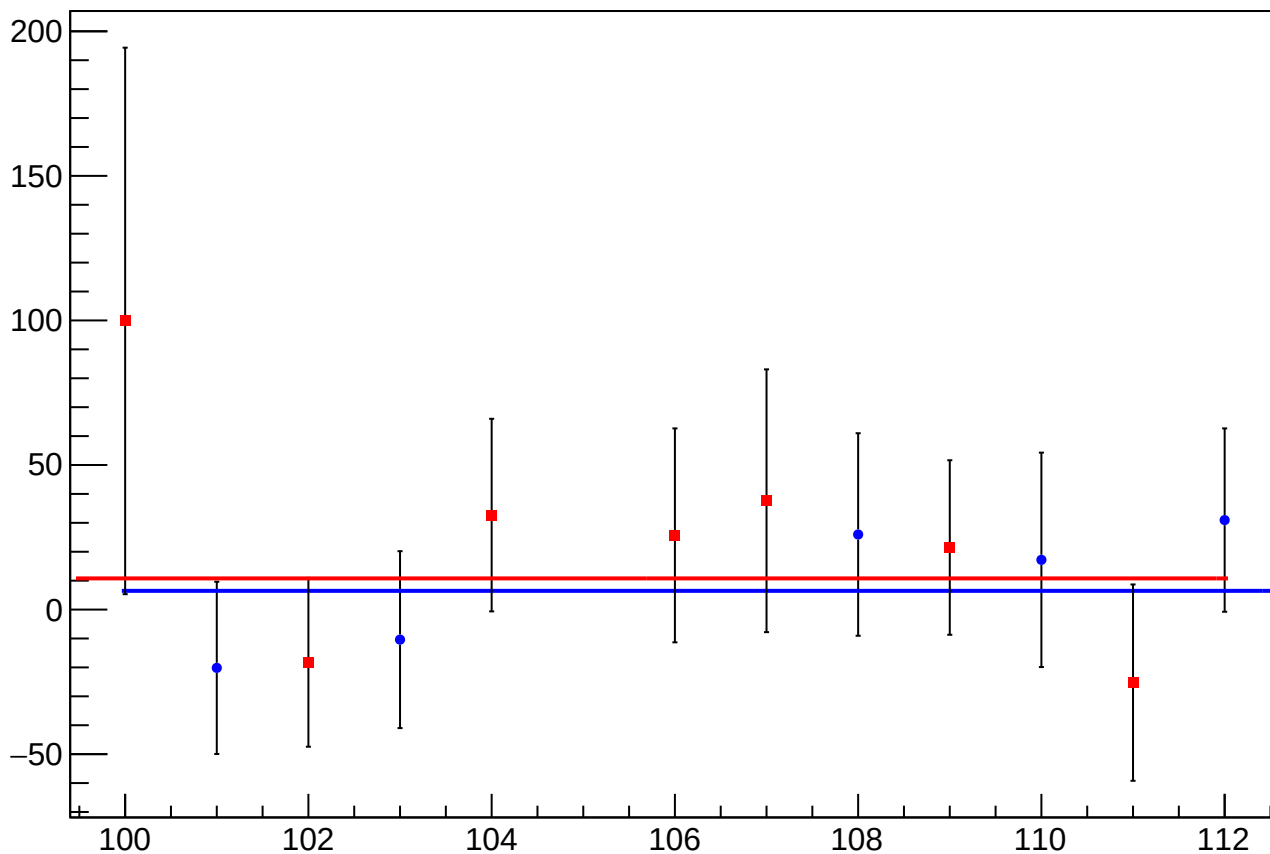
Right: 163.917+/-0.055 χ^2/NDF : 1258393.1/11

In: 173.654+/-0.082 χ^2/NDF : 437263.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.917+/-0.055 χ^2/NDF : 1258393.1/11

asym_bcm_dg_us_an_us_dd_mean vs Slug, Sign Corrected



Right In: 6.477+/-14.537 χ^2/NDF : 2.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.782+/-13.650 χ^2/NDF : 4.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

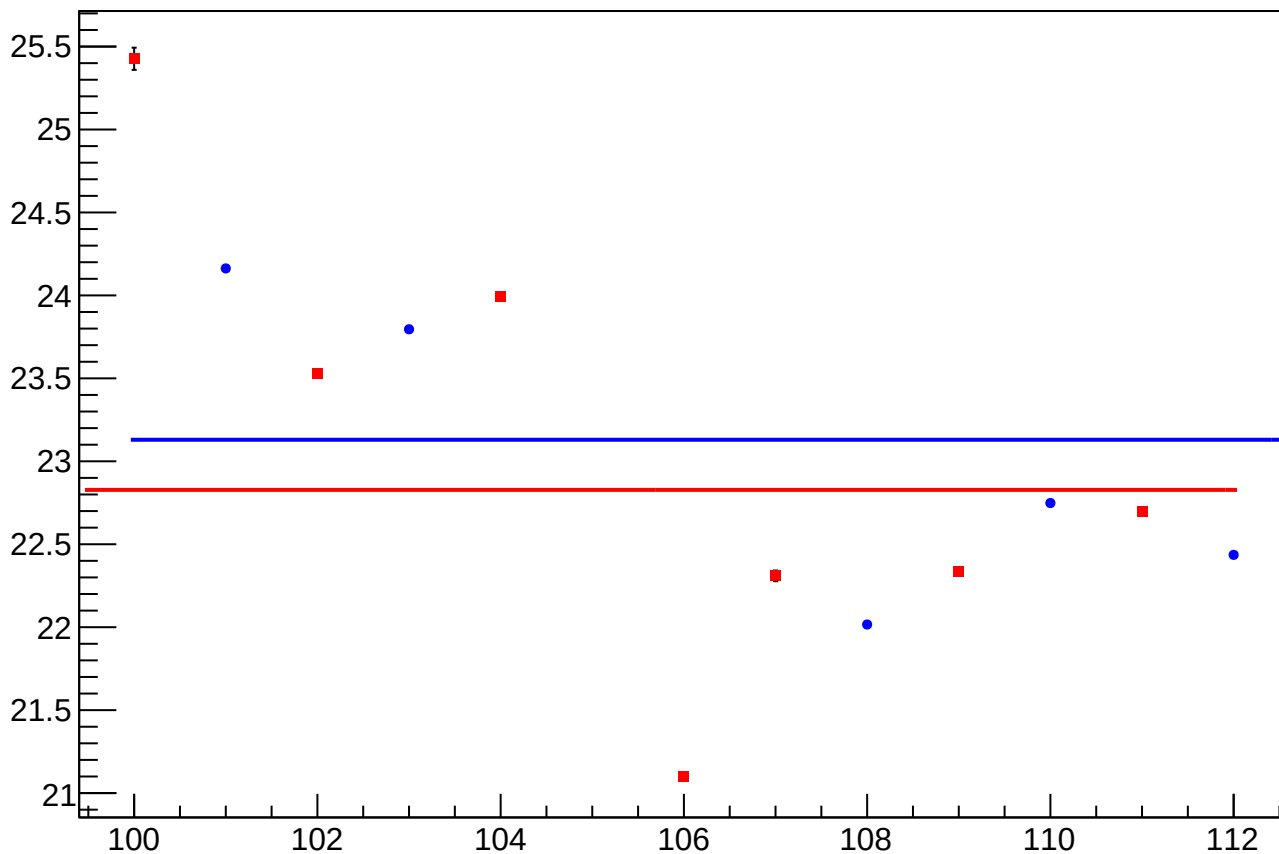
Right: 8.765+/-9.951 χ^2/NDF : 6.2/11

In: 6.477+/-14.537 χ^2/NDF : 2.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.765+/-9.951 χ^2/NDF : 6.2/11

asym_bcm_dg_us_an_us_dd_rms vs Slug, Sign Corrected



Right In: 23.130+/-0.010 χ^2/NDF : 6542.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.828+/-0.010 χ^2/NDF : 10297.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

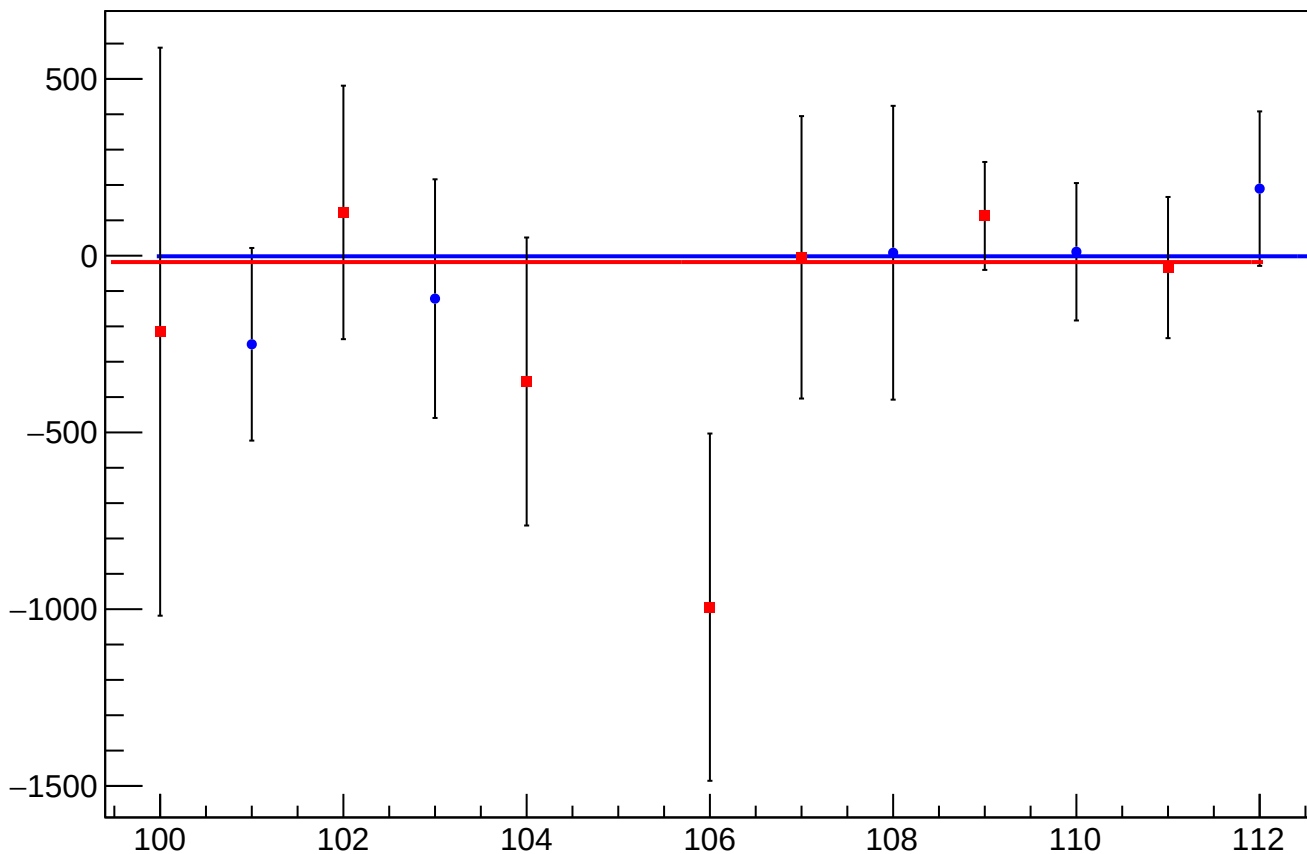
Right: 22.969+/-0.007 χ^2/NDF : 17299.6/11

In: 23.130+/-0.010 χ^2/NDF : 6542.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.969+/-0.007 χ^2/NDF : 17299.6/11

asym_bcm_dg_ds_an_us_avg_mean vs Slug, Sign Corrected



Right In: -1.708+/-115.124 χ^2/NDF : 1.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.077+/-103.280 χ^2/NDF : 5.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

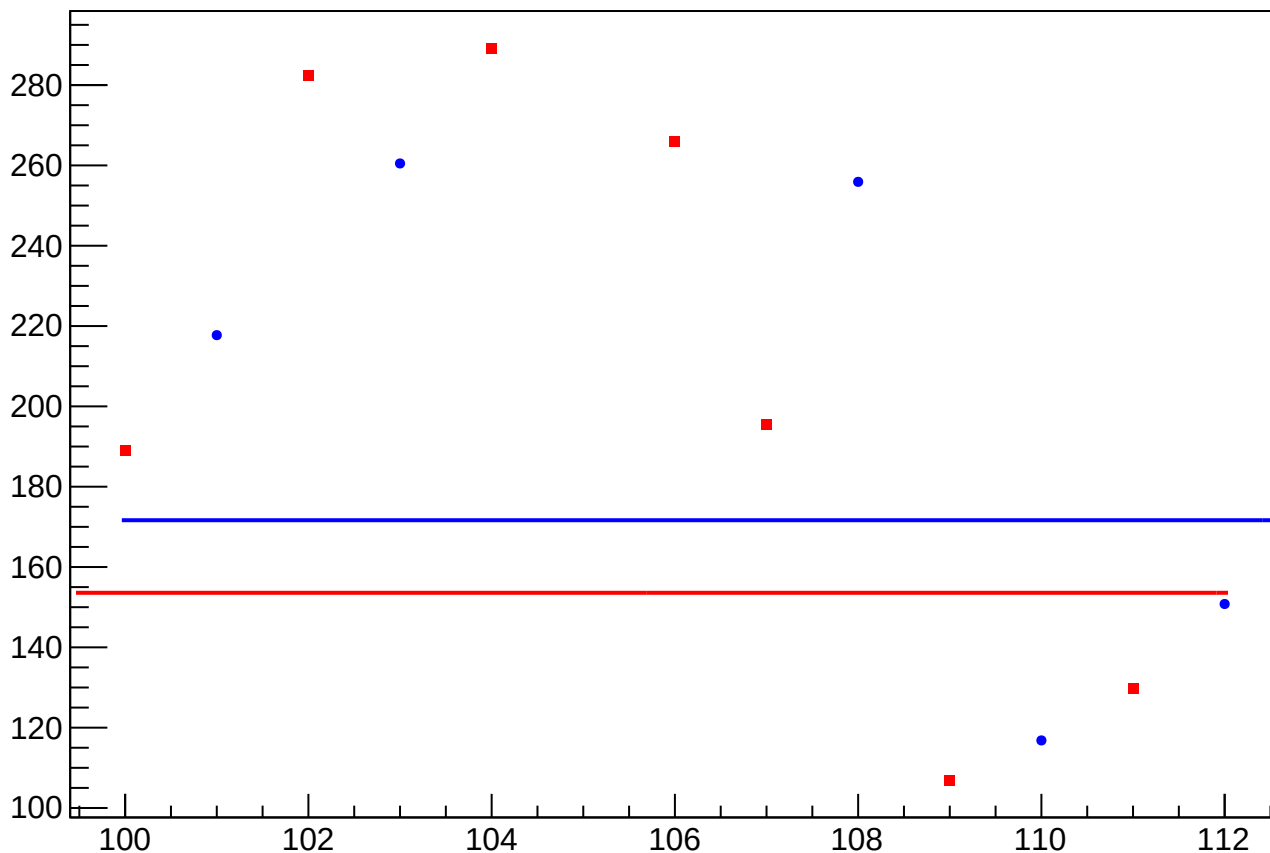
Right: -10.778+/-76.877 χ^2/NDF : 7.3/11

In: -1.708+/-115.124 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.778+/-76.877 χ^2/NDF : 7.3/11

asym_bcm_dg_ds_an_us_avg_rms vs Slug, Sign Corrected



Right In: 171.654 $\pm$ 0.081 χ^2 /NDF: 455297.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 153.585 $\pm$ 0.073 χ^2 /NDF: 825396.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

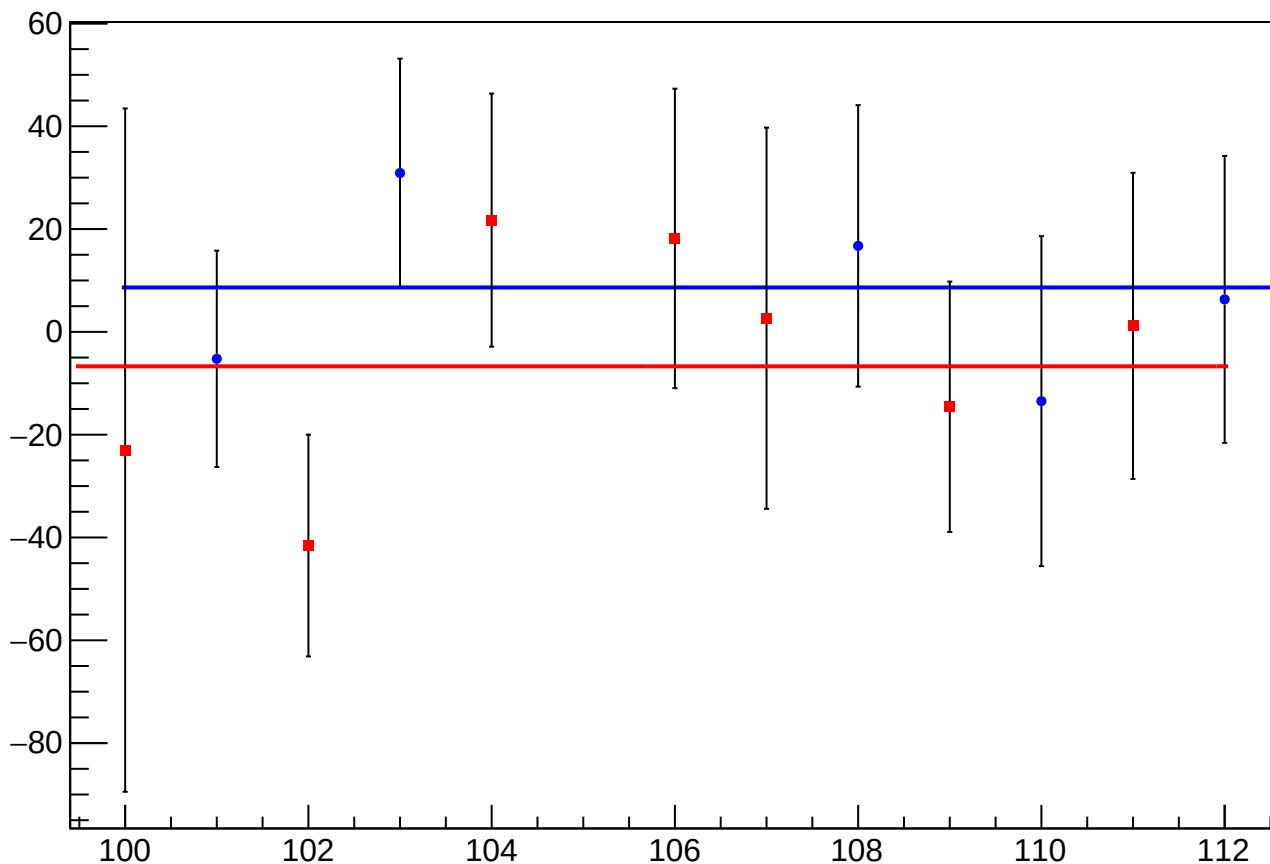
Right: 161.642 $\pm$ 0.054 χ^2 /NDF: 1307993.1/11

In: 171.654 $\pm$ 0.081 χ^2 /NDF:455297.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 161.642 $\pm$ 0.054 χ^2 /NDF: 1307993.1/11

asym_bcm_dg_ds_an_us_dd_mean vs Slug, Sign Corrected



Right In: 8.639+/-11.274 χ^2/NDF : 2.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.699+/-10.694 χ^2/NDF : 5.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

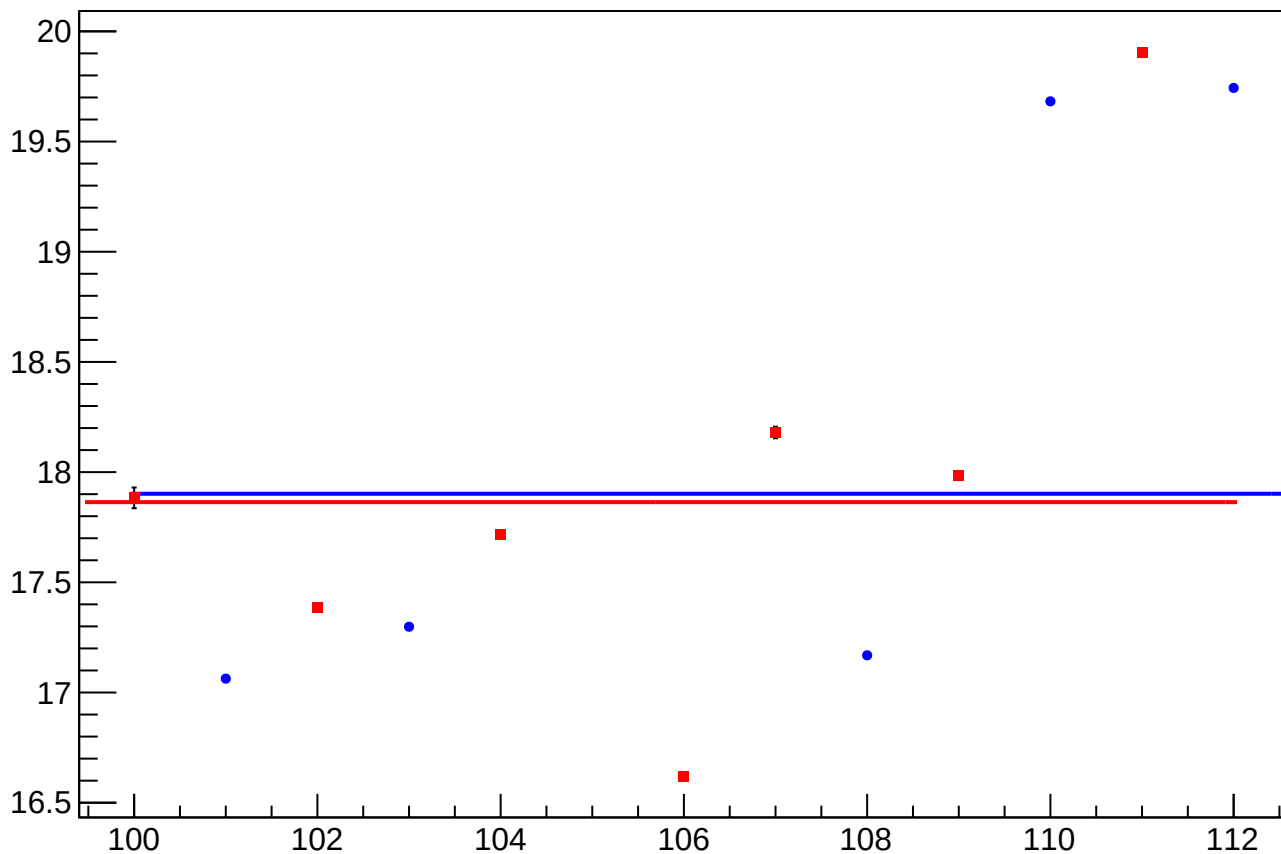
Right: 0.566+/-7.759 χ^2/NDF : 8.0/11

In: 8.639+/-11.274 χ^2/NDF : 2.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.566+/-7.759 χ^2/NDF : 8.0/11

asym_bcm_dg_ds_an_us_dd_rms vs Slug, Sign Corrected



Right In: 17.902 $\pm$ 0.008 χ^2 /NDF: 20944.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 17.864 $\pm$ 0.008 χ^2 /NDF: 14291.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

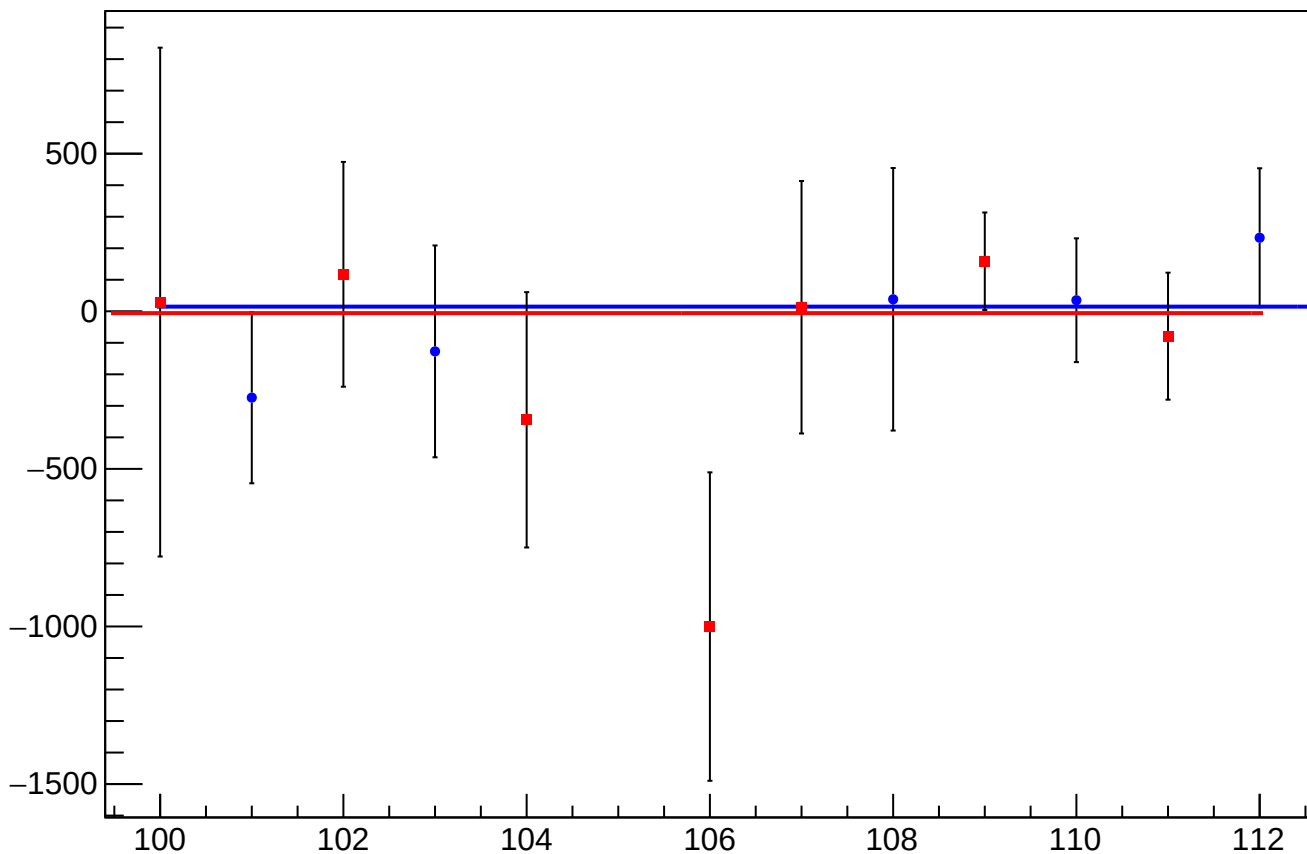
Right: 17.882 $\pm$ 0.005 χ^2 /NDF: 35248.0/11

In: 17.902 $\pm$ 0.008 χ^2 /NDF:20944.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 17.882 $\pm$ 0.005 χ^2 /NDF: 35248.0/11

asym_bcm_dg_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: 14.727+/-115.722 χ^2/NDF : 2.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.846+/-104.066 χ^2/NDF : 6.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

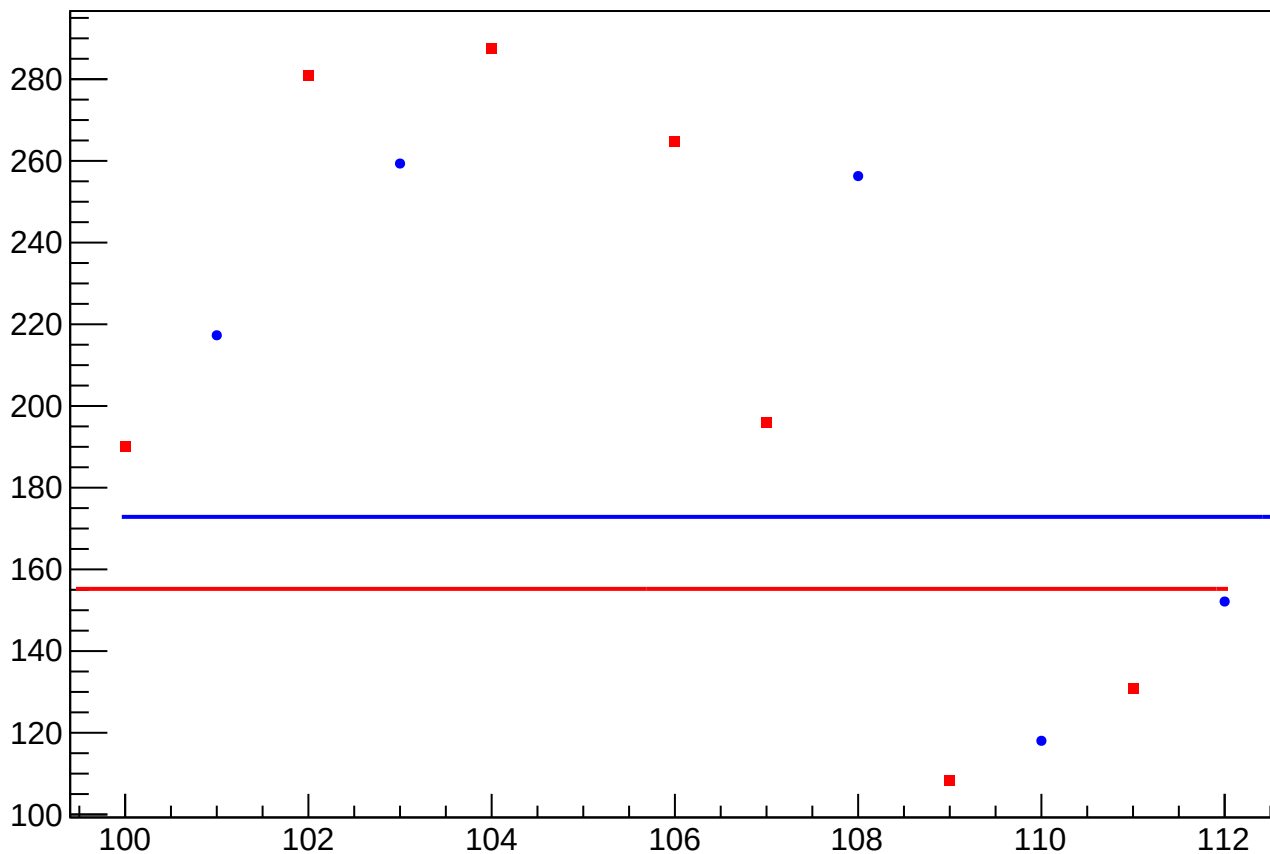
Right: 3.353+/-77.380 χ^2/NDF : 8.5/11

In: 14.727+/-115.722 χ^2/NDF : 2.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.353+/-77.380 χ^2/NDF : 8.5/11

asym_bcm_dg_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 172.857+/-0.082 χ^2/NDF : 439780.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.230+/-0.074 χ^2/NDF : 798771.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

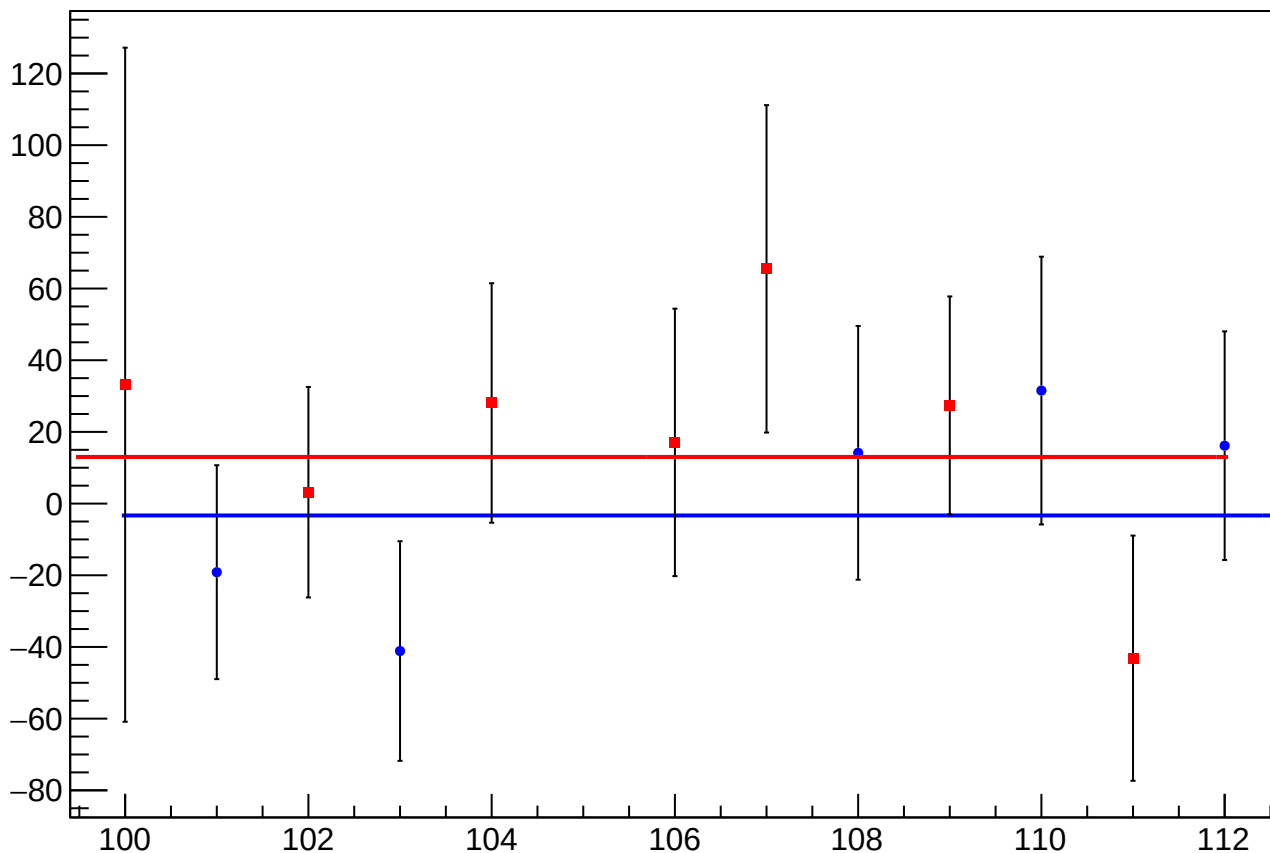
Right: 163.112+/-0.055 χ^2/NDF : 1264206.8/11

In: 172.857+/-0.082 χ^2/NDF : 439780.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.112+/-0.055 χ^2/NDF : 1264206.8/11

asym_bcm_dg_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -3.318+/-14.609 χ^2/NDF : 3.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.009+/-13.734 χ^2/NDF : 4.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

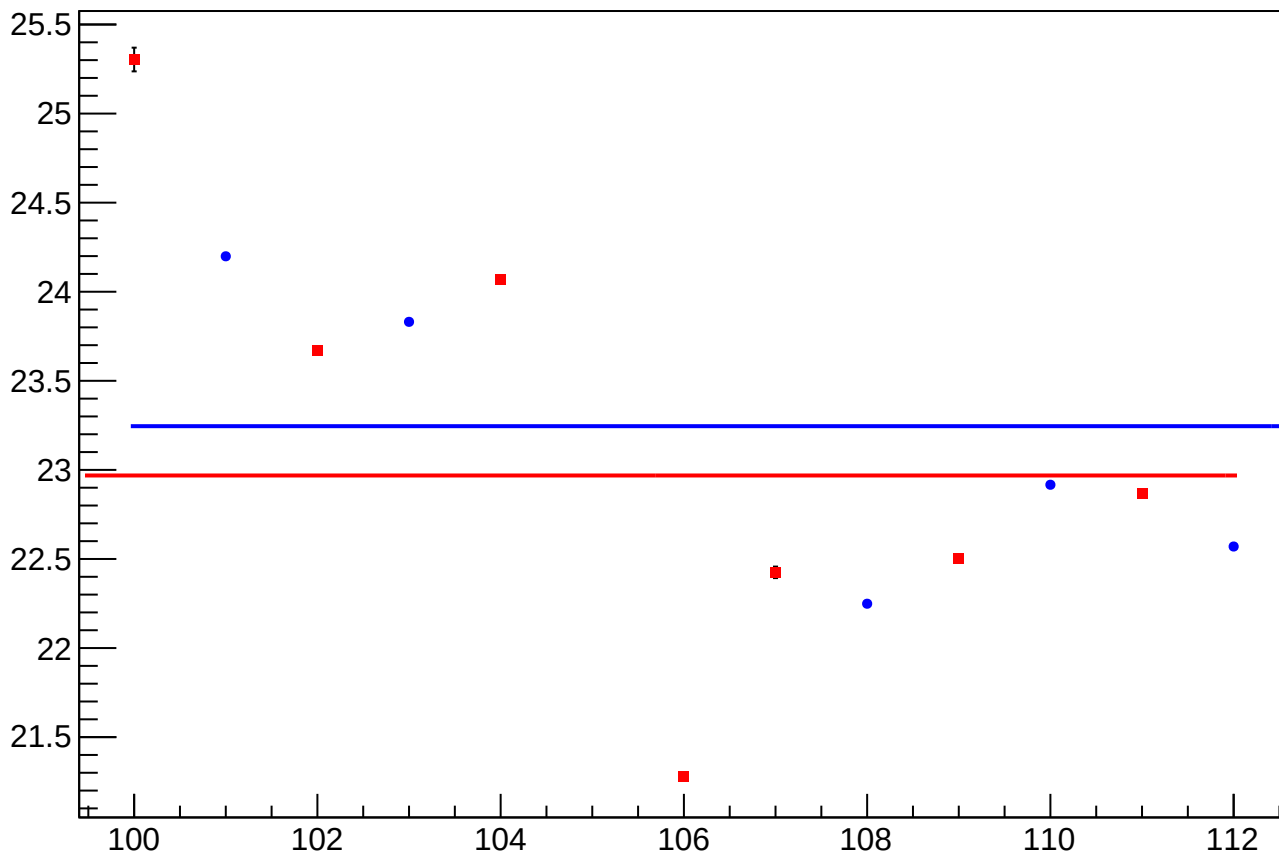
Right: 5.349+/-10.006 χ^2/NDF : 8.6/11

In: -3.318+/-14.609 χ^2/NDF : 3.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.349+/-10.006 χ^2/NDF : 8.6/11

asym_bcm_dg_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 23.245+/-0.010 χ^2/NDF : 5409.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.969+/-0.010 χ^2/NDF : 9398.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

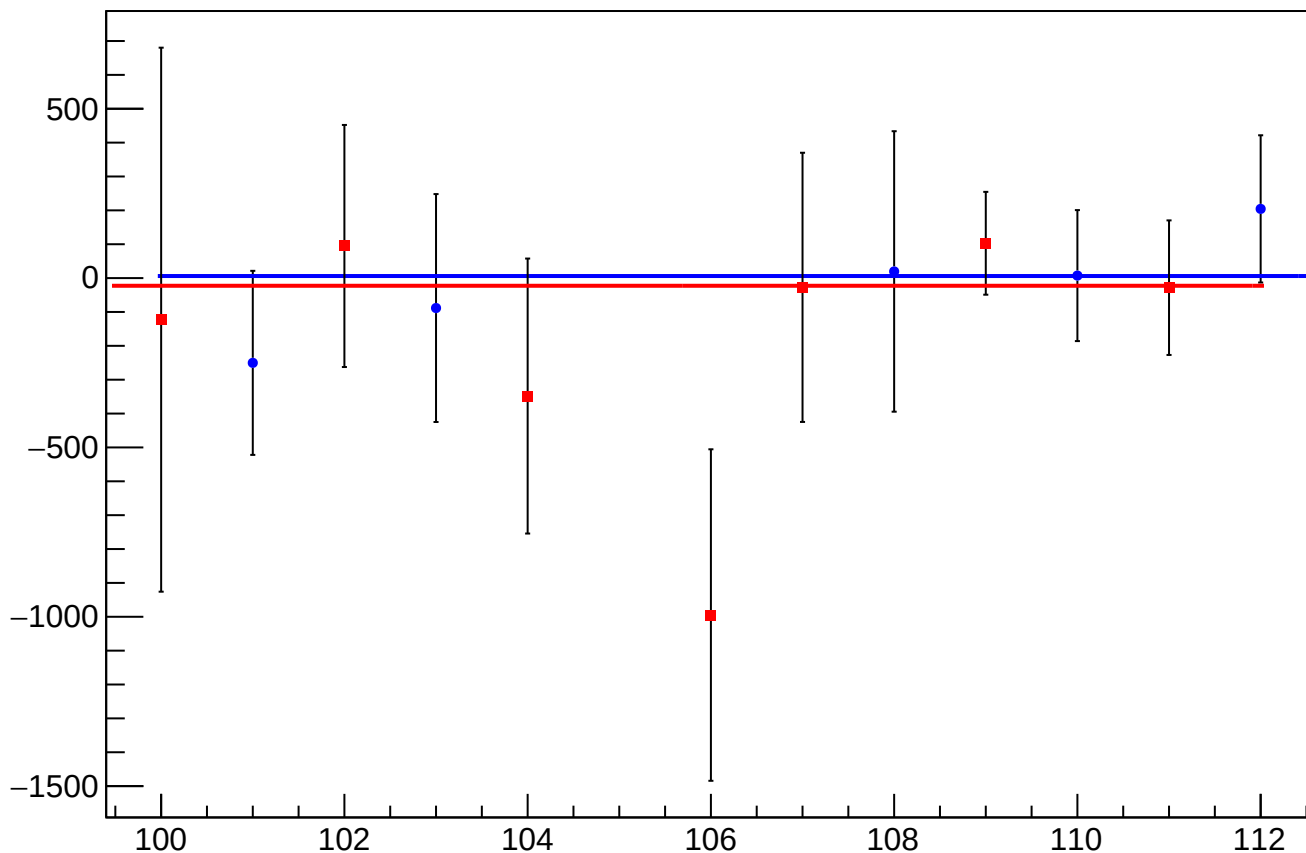
Right: 23.098+/-0.007 χ^2/NDF : 15189.0/11

In: 23.245+/-0.010 χ^2/NDF : 5409.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.098+/-0.007 χ^2/NDF : 15189.0/11

asym_bcm_dg_ds_an_ds_avg_mean vs Slug, Sign Corrected



Right In: 6.110+/-114.620 χ^2/NDF : 1.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -22.663+/-102.772 χ^2/NDF : 5.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

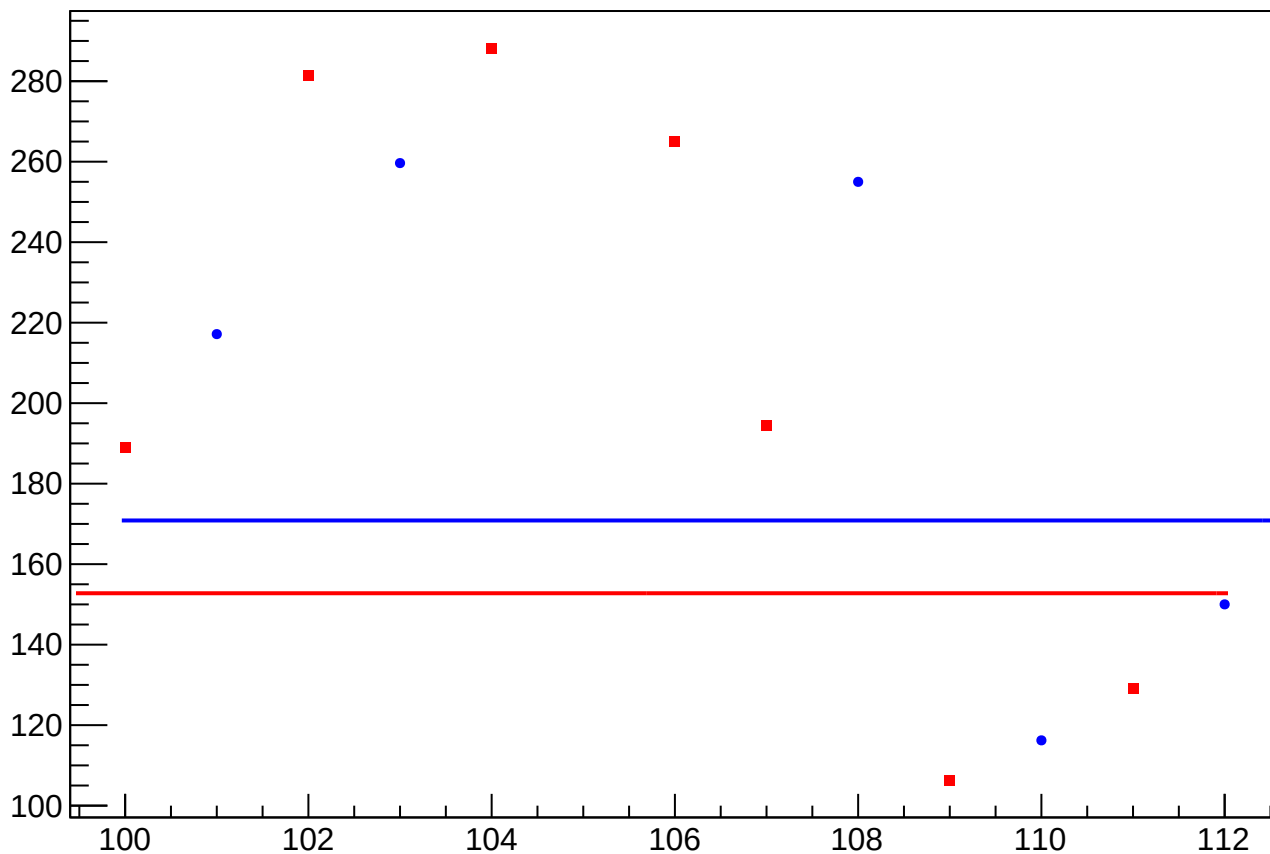
Right: -9.840+/-76.518 χ^2/NDF : 7.2/11

In: 6.110+/-114.620 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.840+/-76.518 χ^2/NDF : 7.2/11

asym_bcm_dg_ds_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 170.854+/-0.081 χ^2/NDF : 457966.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.773+/-0.073 χ^2/NDF : 828668.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

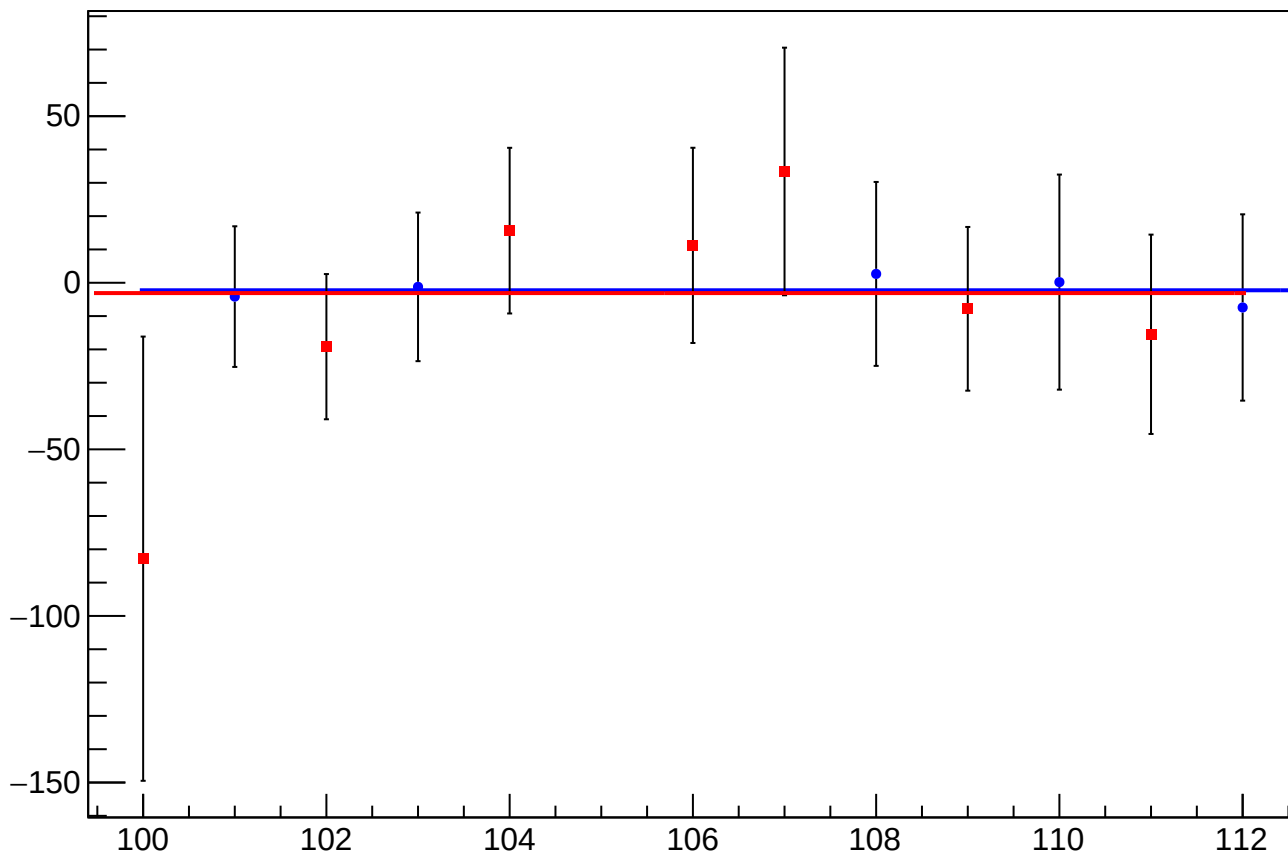
Right: 160.831+/-0.054 χ^2/NDF : 1314224.4/11

In: 170.854+/-0.081 χ^2/NDF : 457966.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.831+/-0.054 χ^2/NDF : 1314224.4/11

asym_bcm_dg_ds_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -2.255+/-11.318 χ^2/NDF : 0.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.096+/-10.776 χ^2/NDF : 4.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

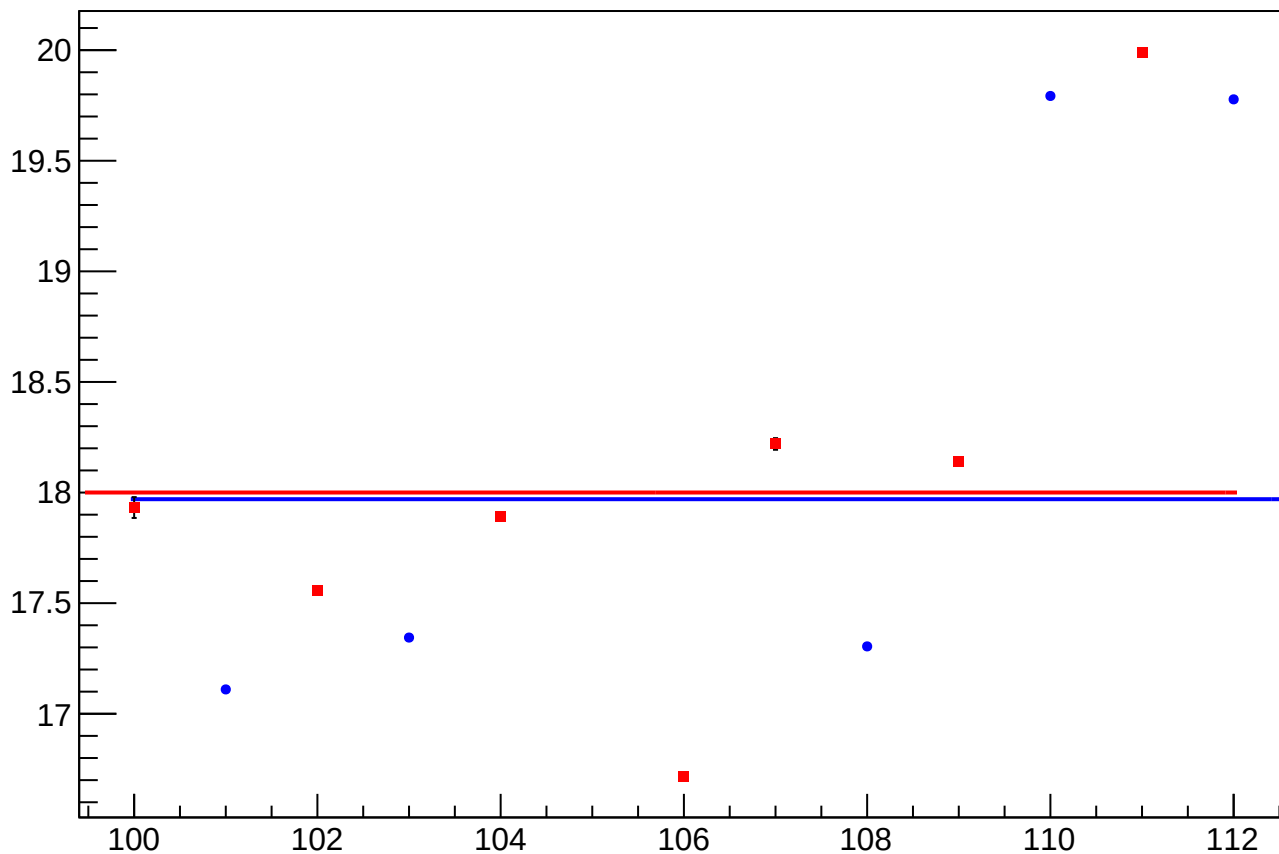
Right: -2.696+/-7.804 χ^2/NDF : 4.0/11

In: -2.255+/-11.318 χ^2/NDF : 0.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.696+/-7.804 χ^2/NDF : 4.0/11

asym_bcm_dg_ds_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 17.970+/-0.008 χ^2/NDF : 20790.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.000+/-0.008 χ^2/NDF : 13687.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

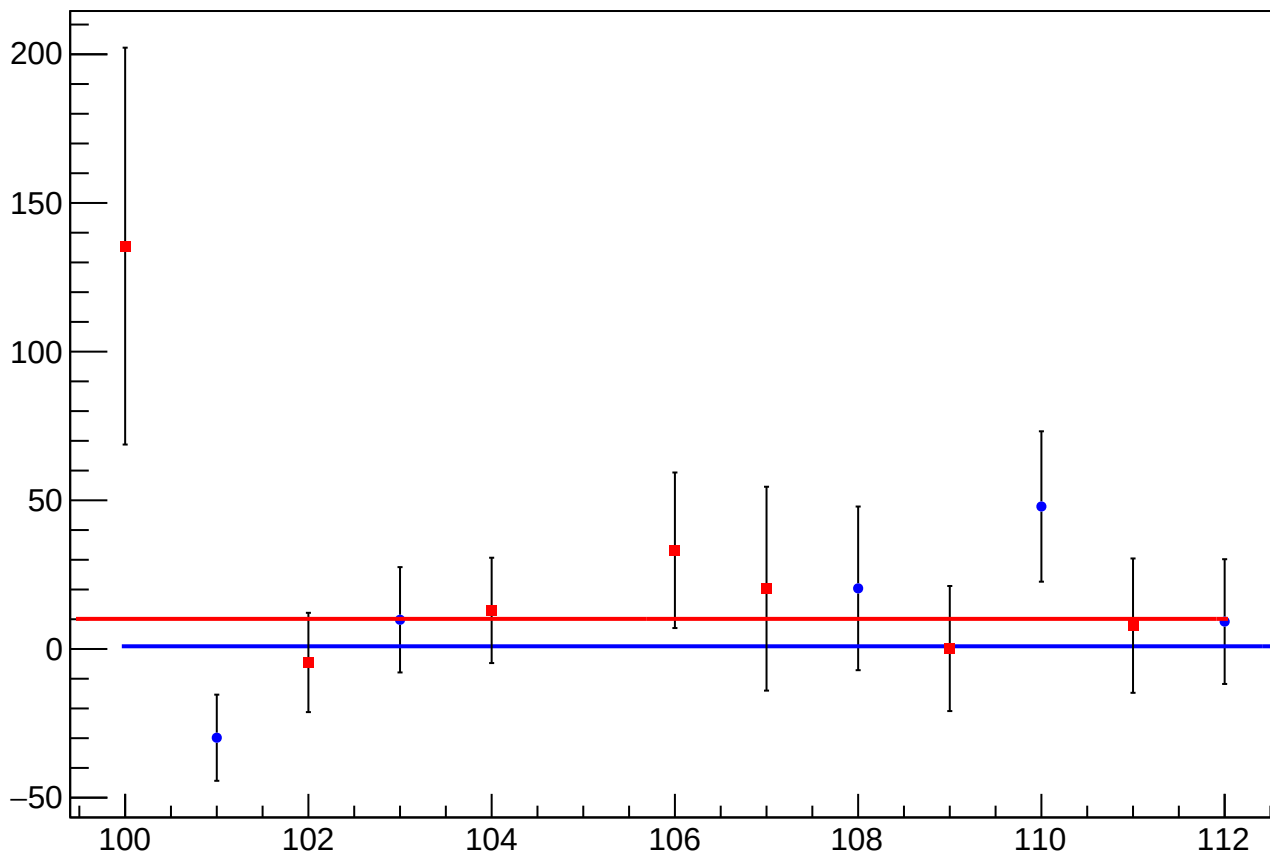
Right: 17.986+/-0.006 χ^2/NDF : 34484.9/11

In: 17.970+/-0.008 χ^2/NDF : 20790.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.986+/-0.006 χ^2/NDF : 34484.9/11

diff_bpm_4aX_4acX_avg_mean vs Slug, Sign Corrected



Right In: 0.907 $\pm$ 8.734 χ^2 /NDF: 8.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 10.127 $\pm$ 8.596 χ^2 /NDF: 5.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

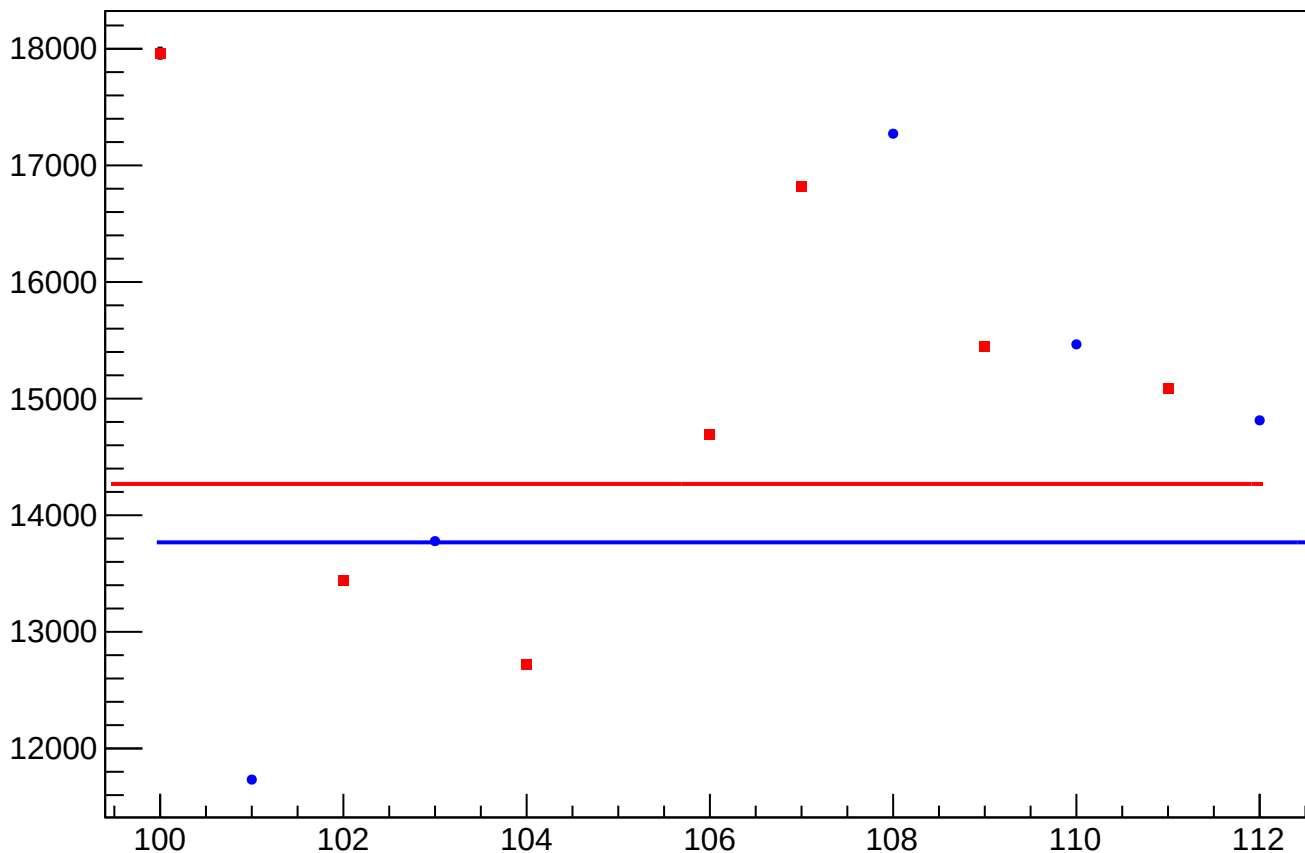
Right: 5.590 $\pm$ 6.127 χ^2 /NDF: 14.9/11

In: 0.907 $\pm$ 8.734 χ^2 /NDF:8.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 5.590 $\pm$ 6.127 χ^2 /NDF: 14.9/11

diff_bpm_4aX_4acX_avg_rms vs Slug, Sign Corrected



Right In: 13767.419+/-6.176 χ^2/NDF : 85878.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14268.348+/-6.078 χ^2/NDF : 46782.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

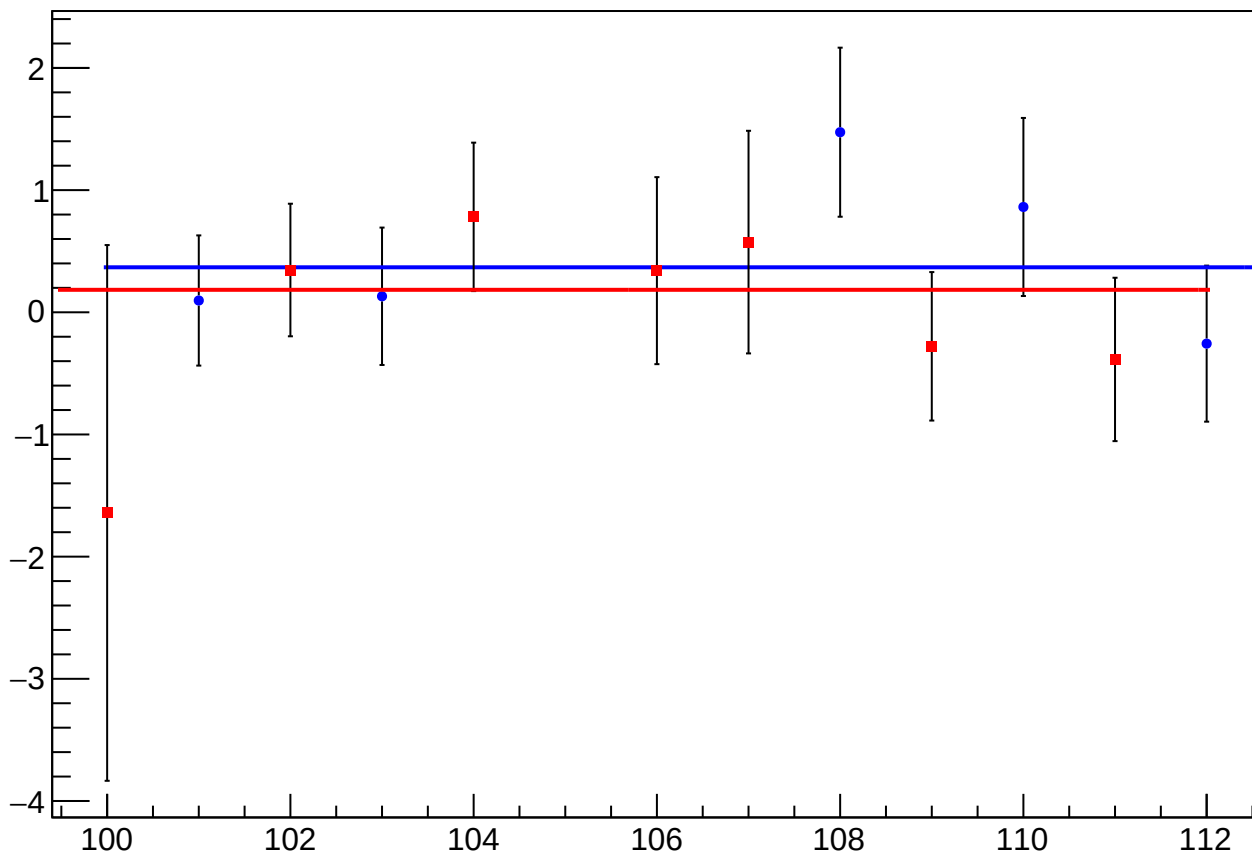
Right: 14021.867+/-4.332 χ^2/NDF : 136002.9/11

In: 13767.419+/-6.176 χ^2/NDF : 85878.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14021.867+/-4.332 χ^2/NDF : 136002.9/11

diff_bpm_4aX_4acX_dd_mean vs Slug, Sign Corrected



Right In: 0.368 $\pm$ 0.276 χ^2 /NDF: 4.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.184 $\pm$ 0.266 χ^2 /NDF: 3.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

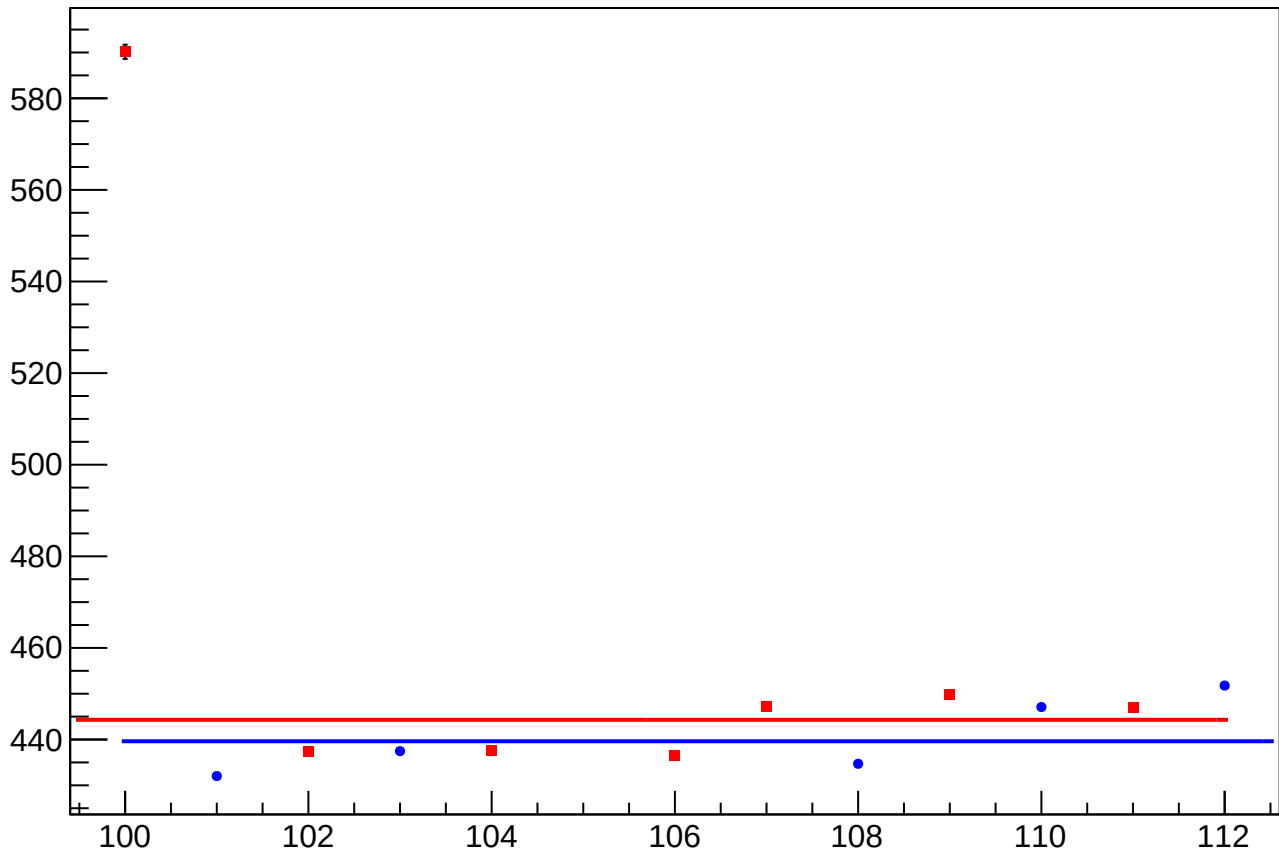
Right: 0.273 $\pm$ 0.191 χ^2 /NDF: 7.9/11

In: 0.368 $\pm$ 0.276 χ^2 /NDF:4.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.273 $\pm$ 0.191 χ^2 /NDF: 7.9/11

diff_bpm_4aX_4acX_dd_rms vs Slug, Sign Corrected



Right In: 439.620+/-0.195 χ^2/NDF : 1472.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 444.305+/-0.188 χ^2/NDF : 9829.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

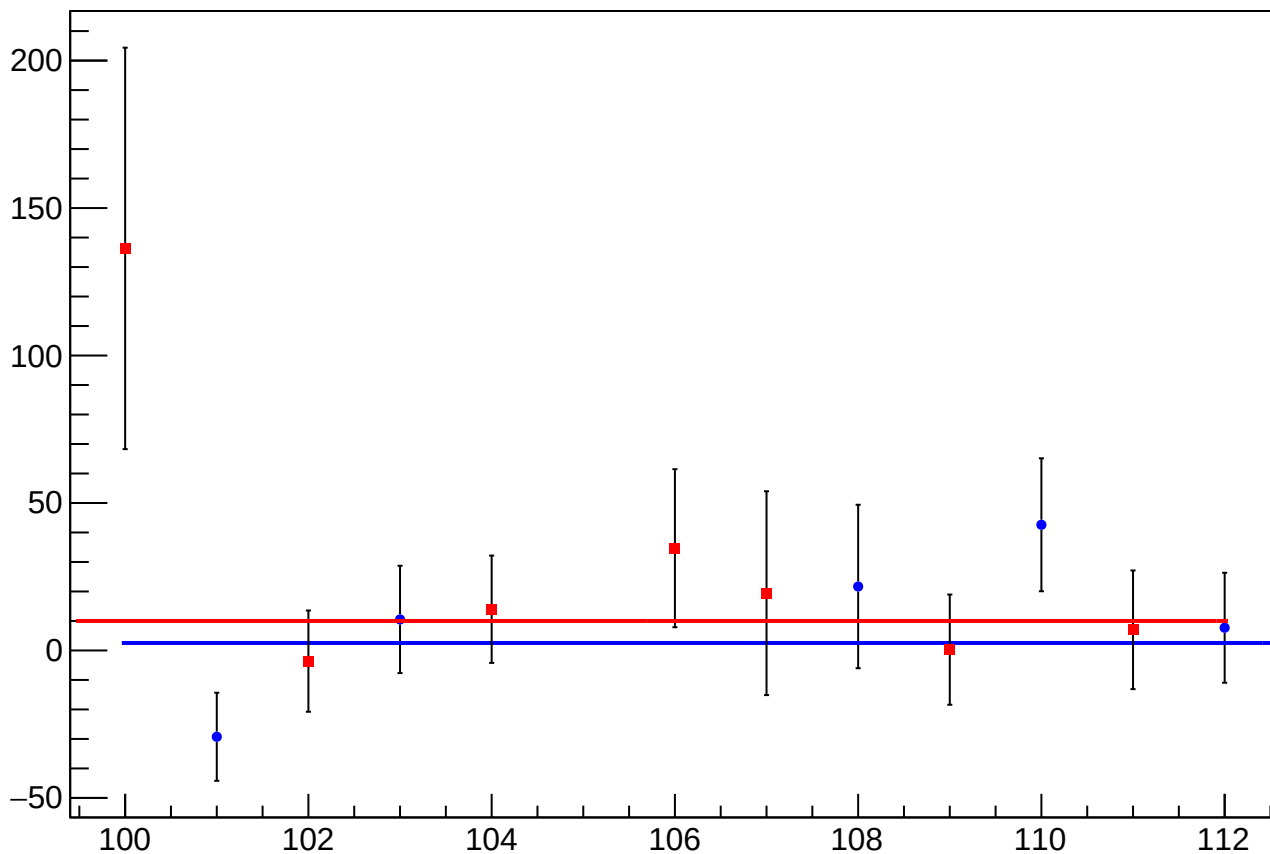
Right: 442.054+/-0.135 χ^2/NDF : 11601.2/11

In: 439.620+/-0.195 χ^2/NDF : 1472.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 442.054+/-0.135 χ^2/NDF : 11601.2/11

diff_bpm_4aX_4eX_avg_mean vs Slug, Sign Corrected



Right In: 2.539+/-8.557 χ^2/NDF : 8.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.001+/-8.392 χ^2/NDF : 5.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

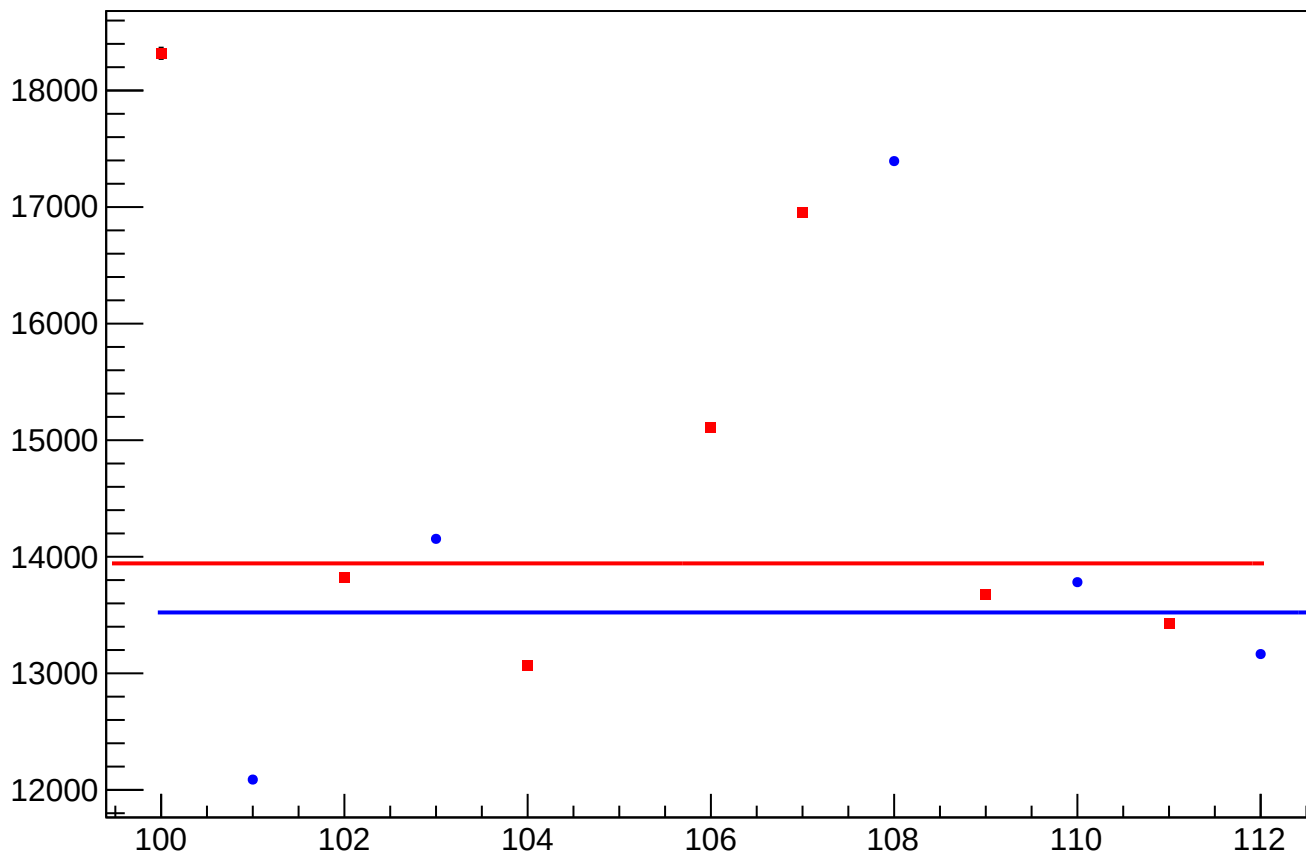
Right: 6.342+/-5.992 χ^2/NDF : 14.2/11

In: 2.539+/-8.557 χ^2/NDF : 8.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.342+/-5.992 χ^2/NDF : 14.2/11

diff_bpm_4aX_4eX_avg_rms vs Slug, Sign Corrected



Right In: 13522.252 $\pm$ 6.051 χ^2 /NDF: 60902.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 13943.156 $\pm$ 5.934 χ^2 /NDF: 33606.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

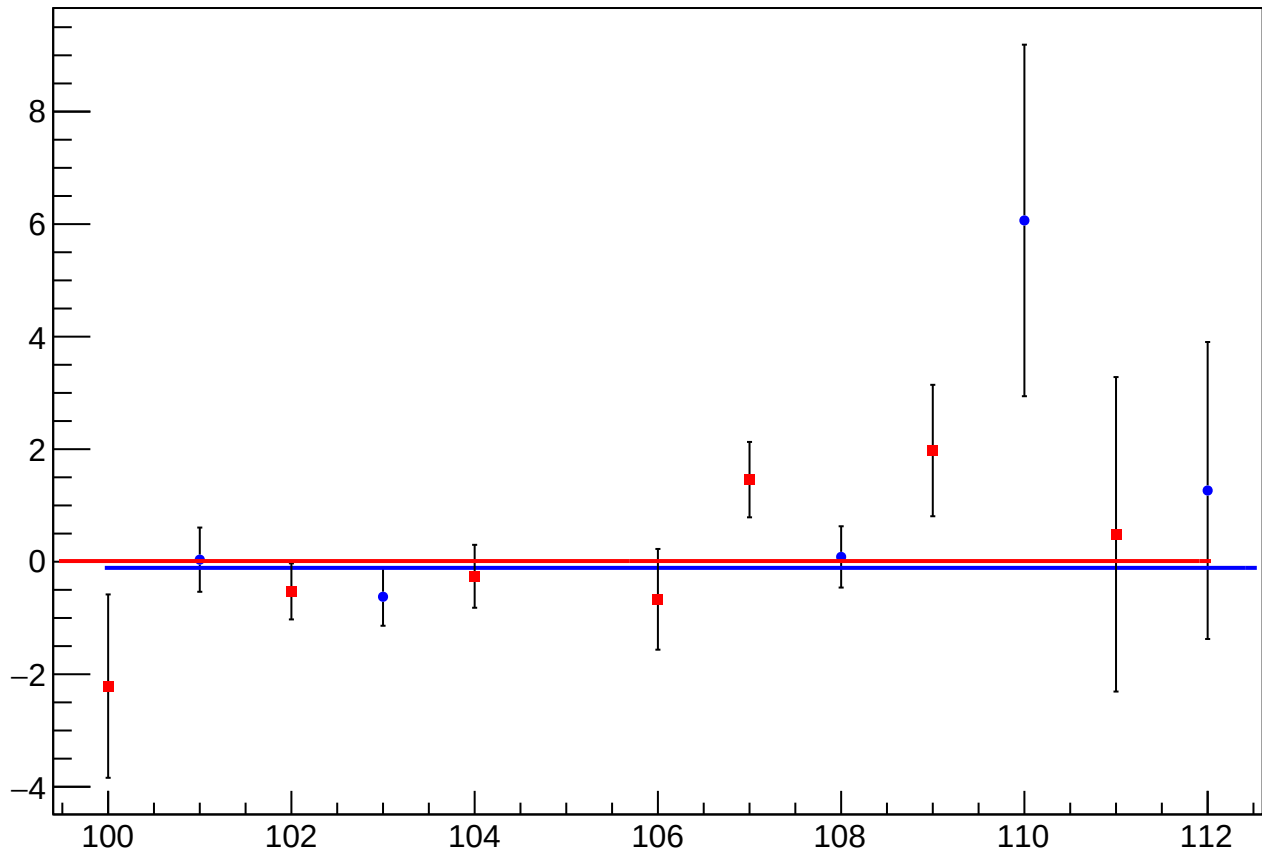
Right: 13736.791 $\pm$ 4.237 χ^2 /NDF: 96975.2/11

In: 13522.252 $\pm$ 6.051 χ^2 /NDF:60902.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 13736.791 $\pm$ 4.237 χ^2 /NDF: 96975.2/11

diff_bpm_4aX_4eX_dd_mean vs Slug, Sign Corrected



Right In: -0.109+/-0.309 χ^2/NDF : 5.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.289 χ^2/NDF : 11.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

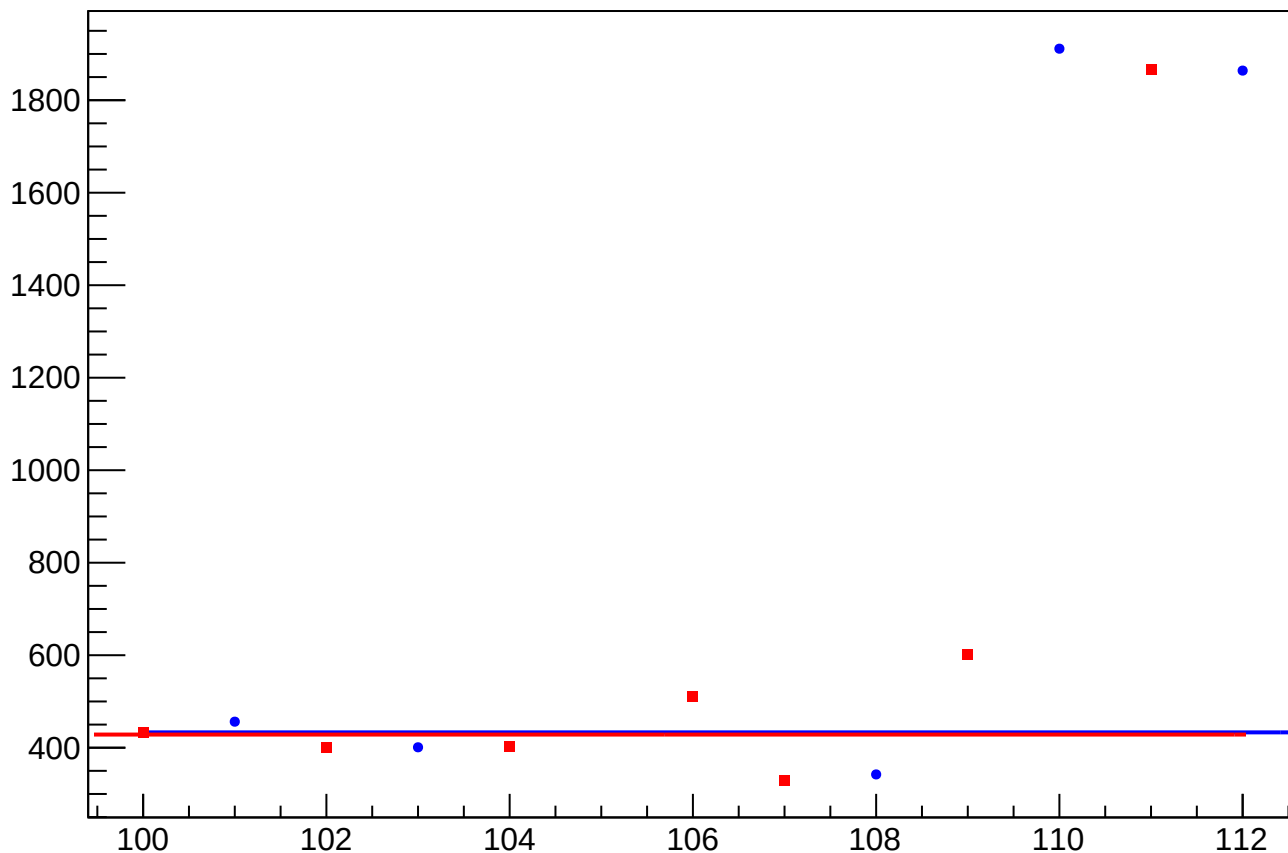
Right: -0.045+/-0.211 χ^2/NDF : 16.8/11

In: -0.109+/-0.309 χ^2/NDF : 5.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.045+/-0.211 χ^2/NDF : 16.8/11

diff_bpm_4aX_4eX_dd_rms vs Slug, Sign Corrected



Right In: 433.186+/-0.219 χ^2/NDF : 1102483.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 428.448+/-0.205 χ^2/NDF : 644663.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

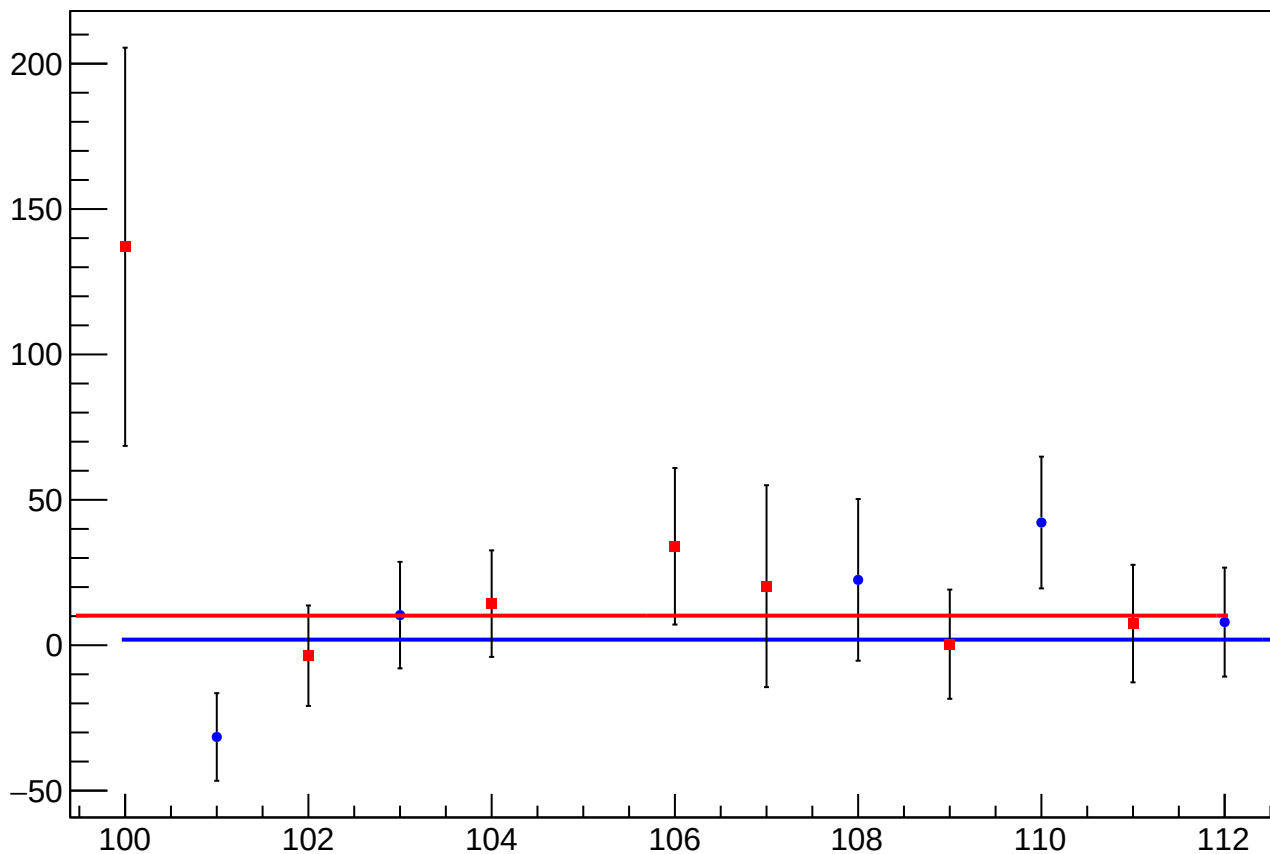
Right: 430.659+/-0.149 χ^2/NDF : 1747397.2/11

In: 433.186+/-0.219 χ^2/NDF : 1102483.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 430.659+/-0.149 χ^2/NDF : 1747397.2/11

diff_bpm_4aX_4ecX_avg_mean vs Slug, Sign Corrected



Right In: 1.922+/-8.614 χ^2/NDF : 9.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.174+/-8.440 χ^2/NDF : 5.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

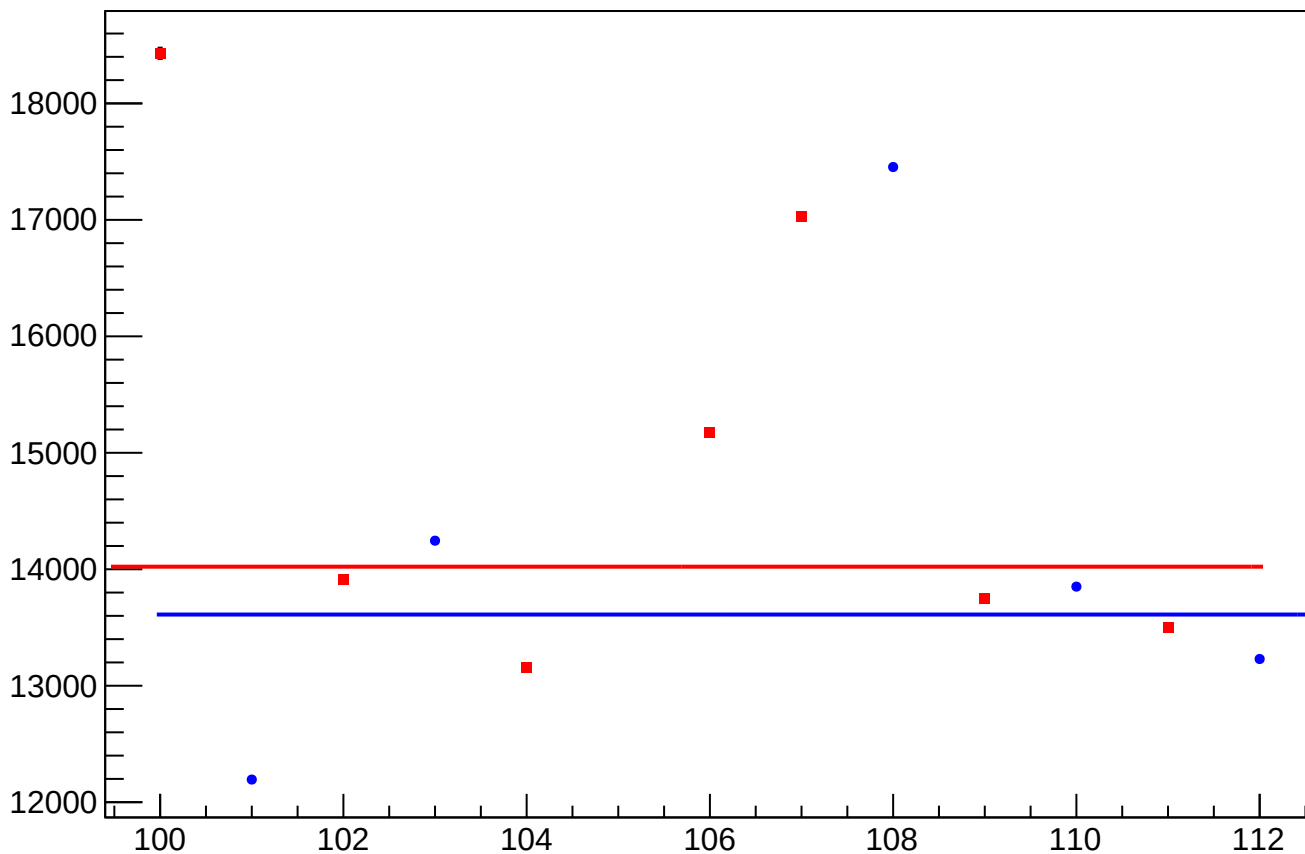
Right: 6.132+/-6.028 χ^2/NDF : 14.7/11

In: 1.922+/-8.614 χ^2/NDF : 9.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.132+/-6.028 χ^2/NDF : 14.7/11

diff_bpm_4aX_4ecX_avg_rms vs Slug, Sign Corrected



Right In: 13611.318+/-6.091 χ^2/NDF : 59325.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14022.234+/-5.968 χ^2/NDF : 33335.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

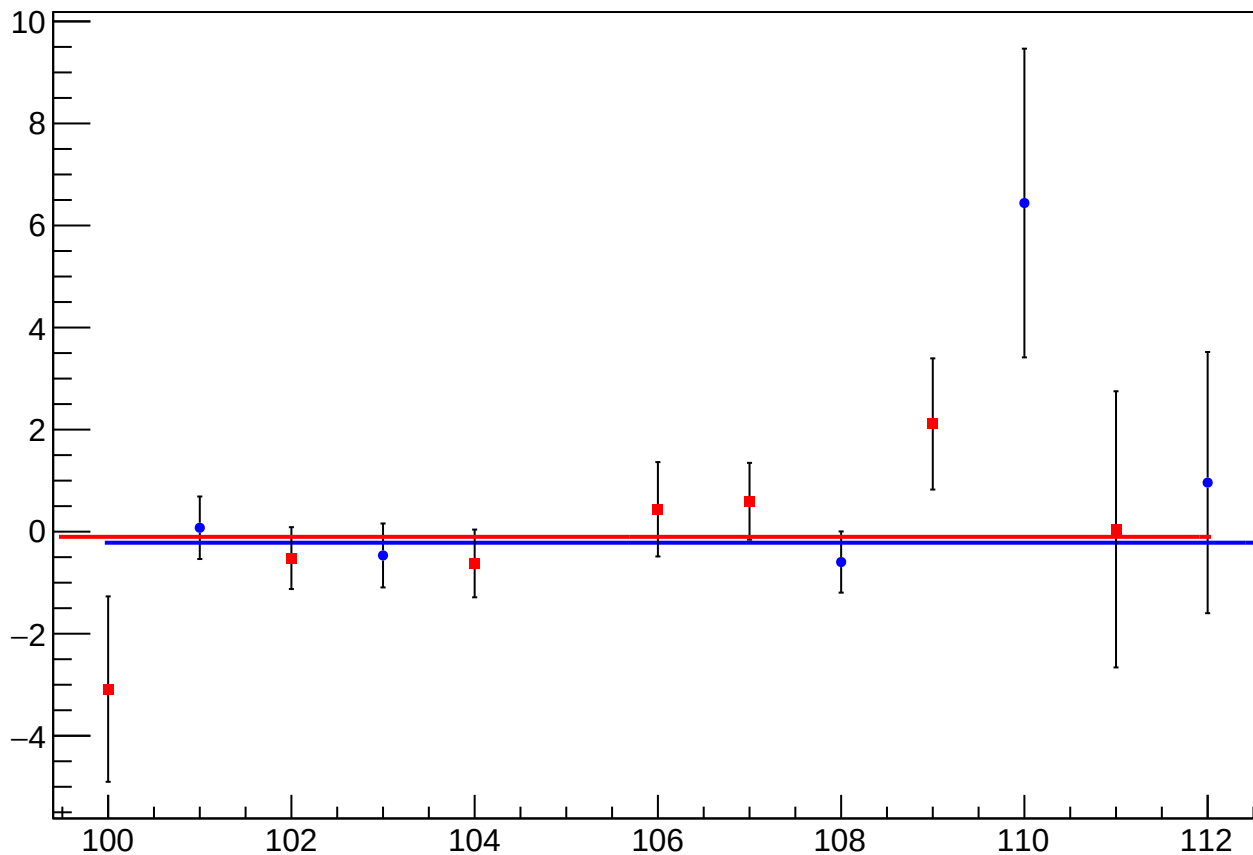
Right: 13820.970+/-4.263 χ^2/NDF : 94982.8/11

In: 13611.318+/-6.091 χ^2/NDF : 59325.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13820.970+/-4.263 χ^2/NDF : 94982.8/11

diff_bpm_4aX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: -0.217+/-0.348 χ^2 /NDF: 5.8/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.101+/-0.334 χ^2 /NDF: 8.0/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

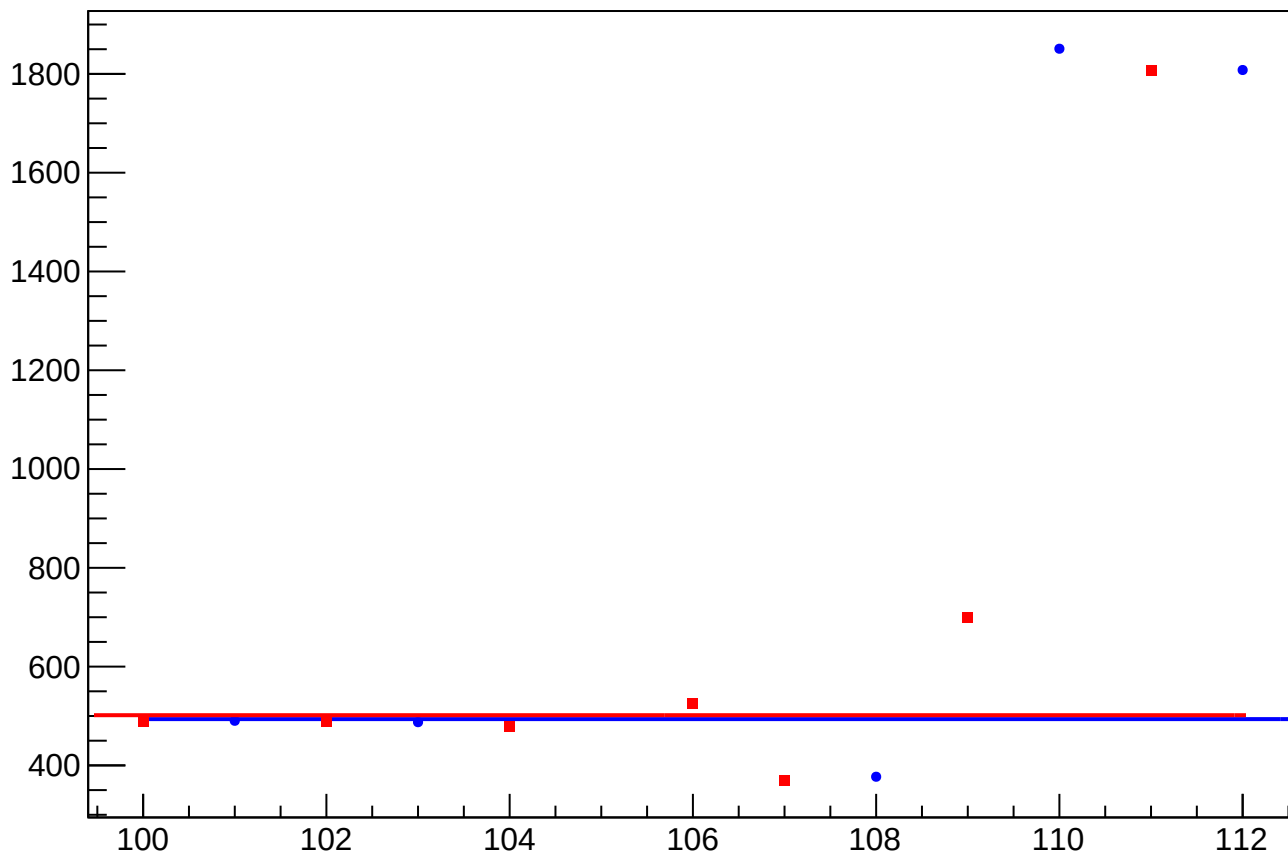
Right: -0.157+/-0.241 χ^2 /NDF: 13.9/11

In: -0.217+/-0.348 χ^2 /NDF:5.8/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.157+/-0.241 χ^2 /NDF: 13.9/11

diff_bpm_4aX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 493.711+/-0.246 χ^2/NDF : 1005768.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 501.634+/-0.236 χ^2/NDF : 580016.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

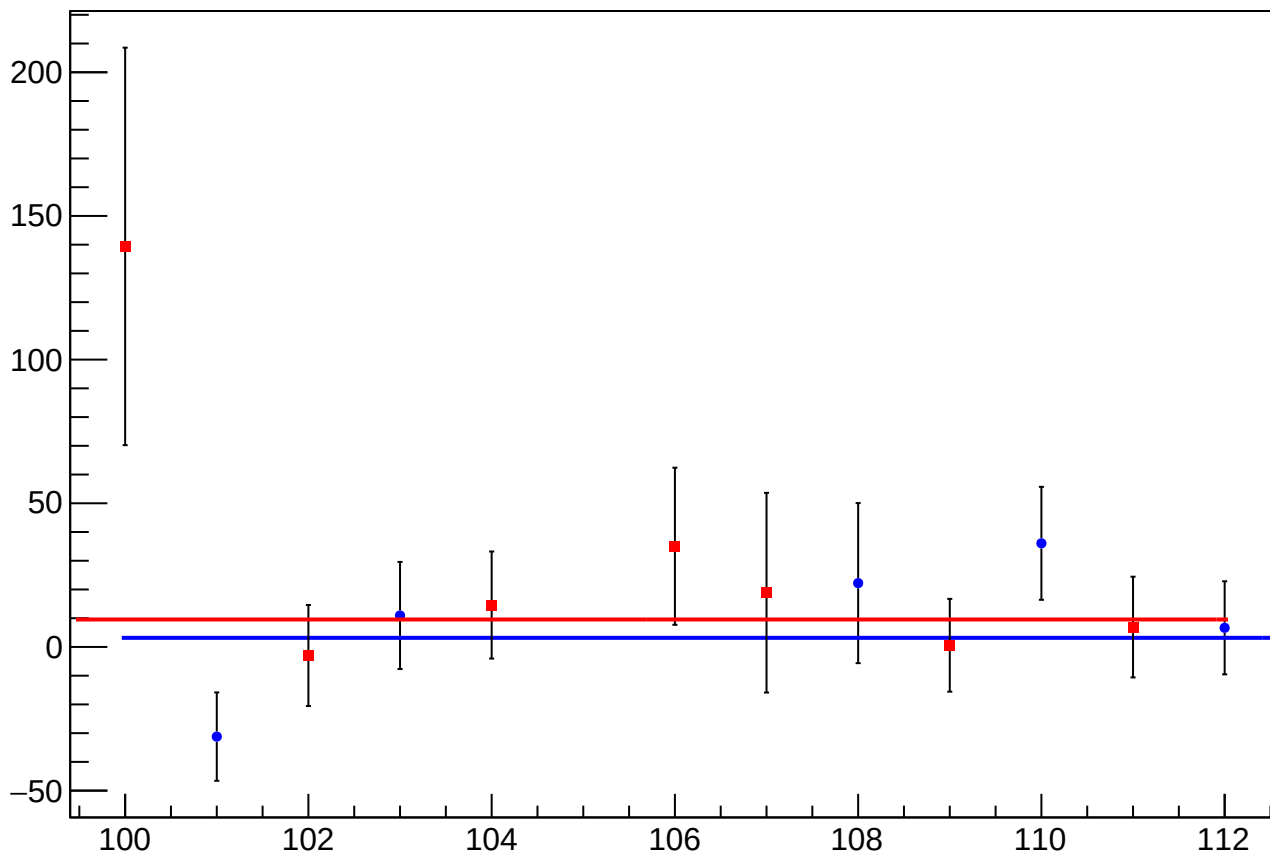
Right: 497.839+/-0.170 χ^2/NDF : 1586324.6/11

In: 493.711+/-0.246 χ^2/NDF : 1005768.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 497.839+/-0.170 χ^2/NDF : 1586324.6/11

diff_bpm_4eX_4ecX_avg_mean vs Slug, Sign Corrected



Right In: 3.173+/-8.221 χ^2/NDF : 8.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.556+/-8.012 χ^2/NDF : 5.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

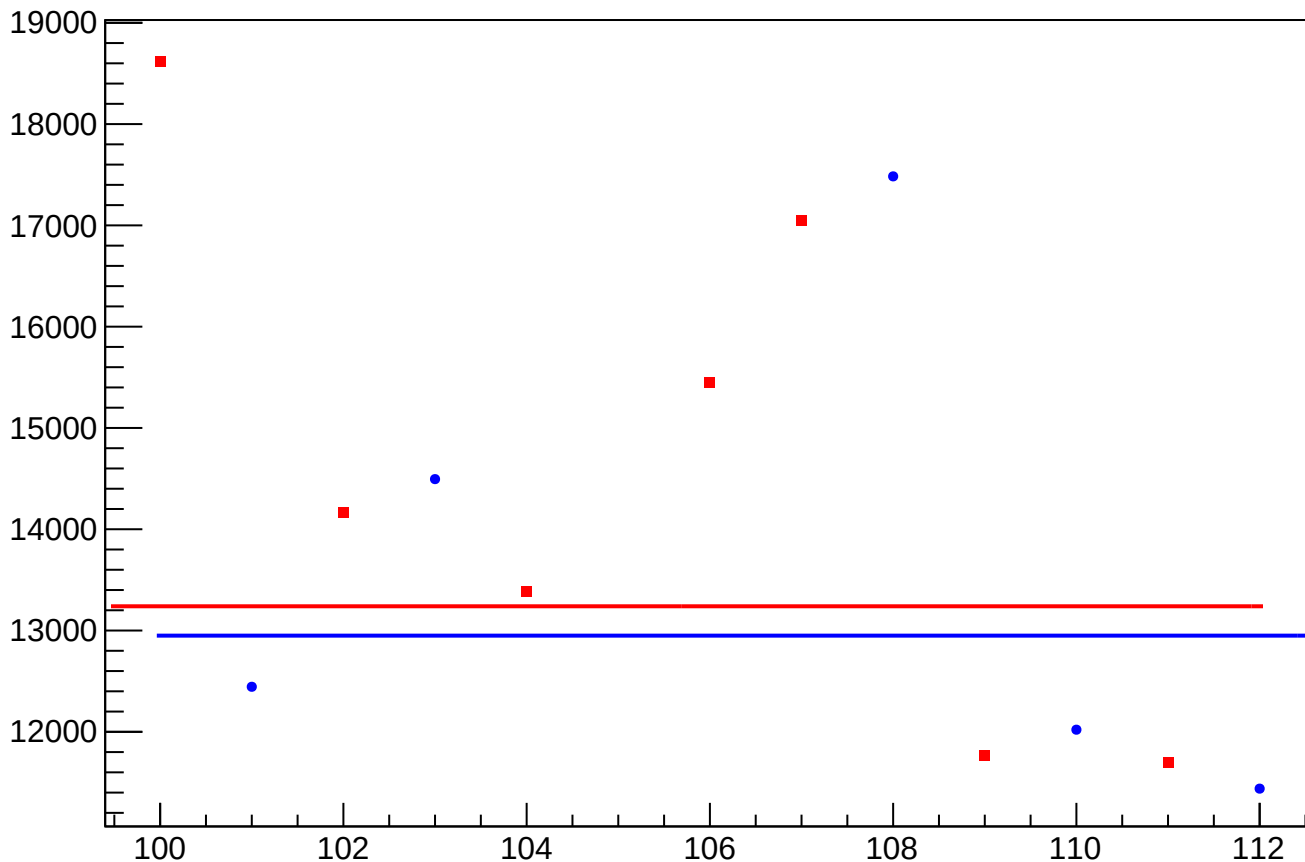
Right: 6.446+/-5.738 χ^2/NDF : 14.2/11

In: 3.173+/-8.221 χ^2/NDF : 8.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.446+/-5.738 χ^2/NDF : 14.2/11

diff_bpm_4eX_4ecX_avg_rms vs Slug, Sign Corrected



Right In: 12949.636+/-5.813 χ^2/NDF : 90762.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13239.426+/-5.666 χ^2/NDF : 86851.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

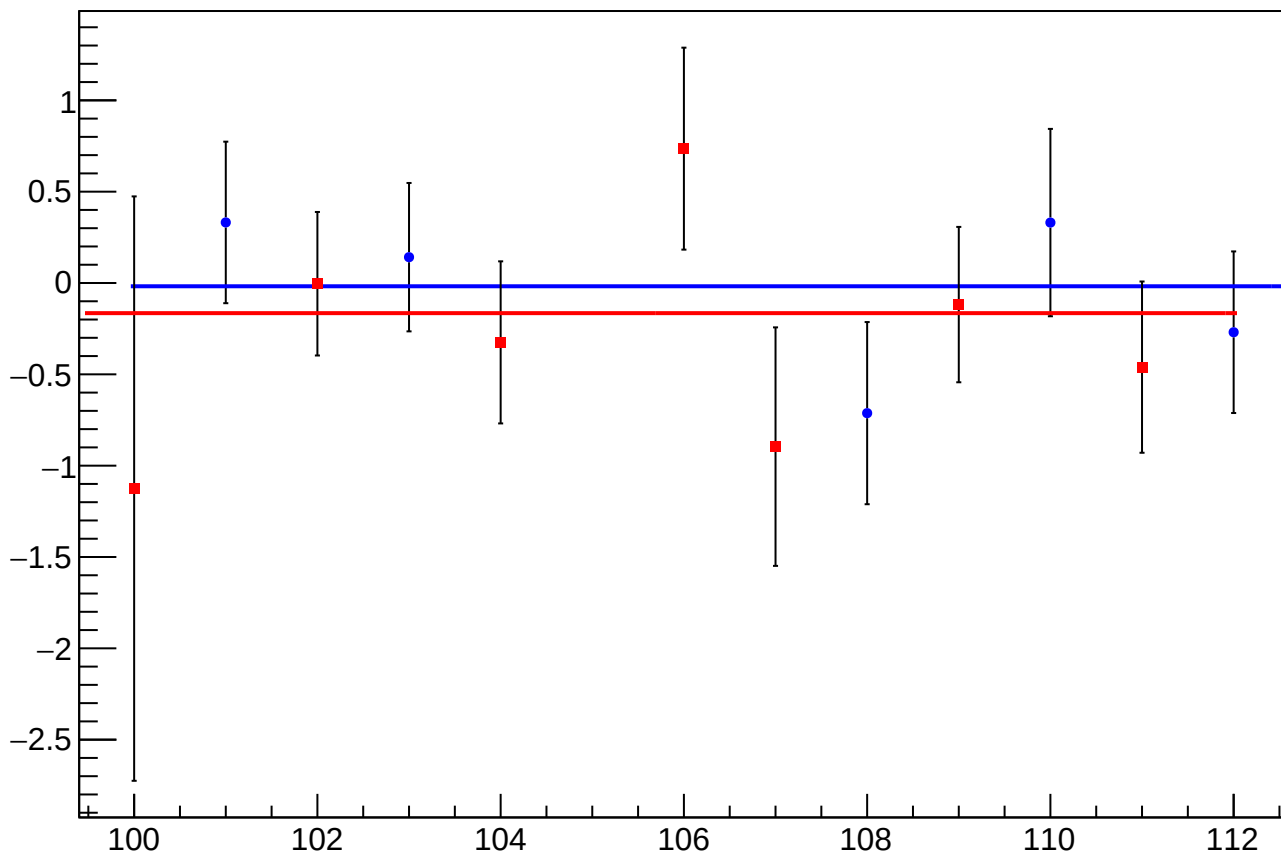
Right: 13098.252+/-4.057 χ^2/NDF : 178888.3/11

In: 12949.636+/-5.813 χ^2/NDF : 90762.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13098.252+/-4.057 χ^2/NDF : 178888.3/11

diff_bpm_4eX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: -0.018+/-0.204 χ^2 /NDF: 3.5/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.165+/-0.190 χ^2 /NDF: 5.0/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

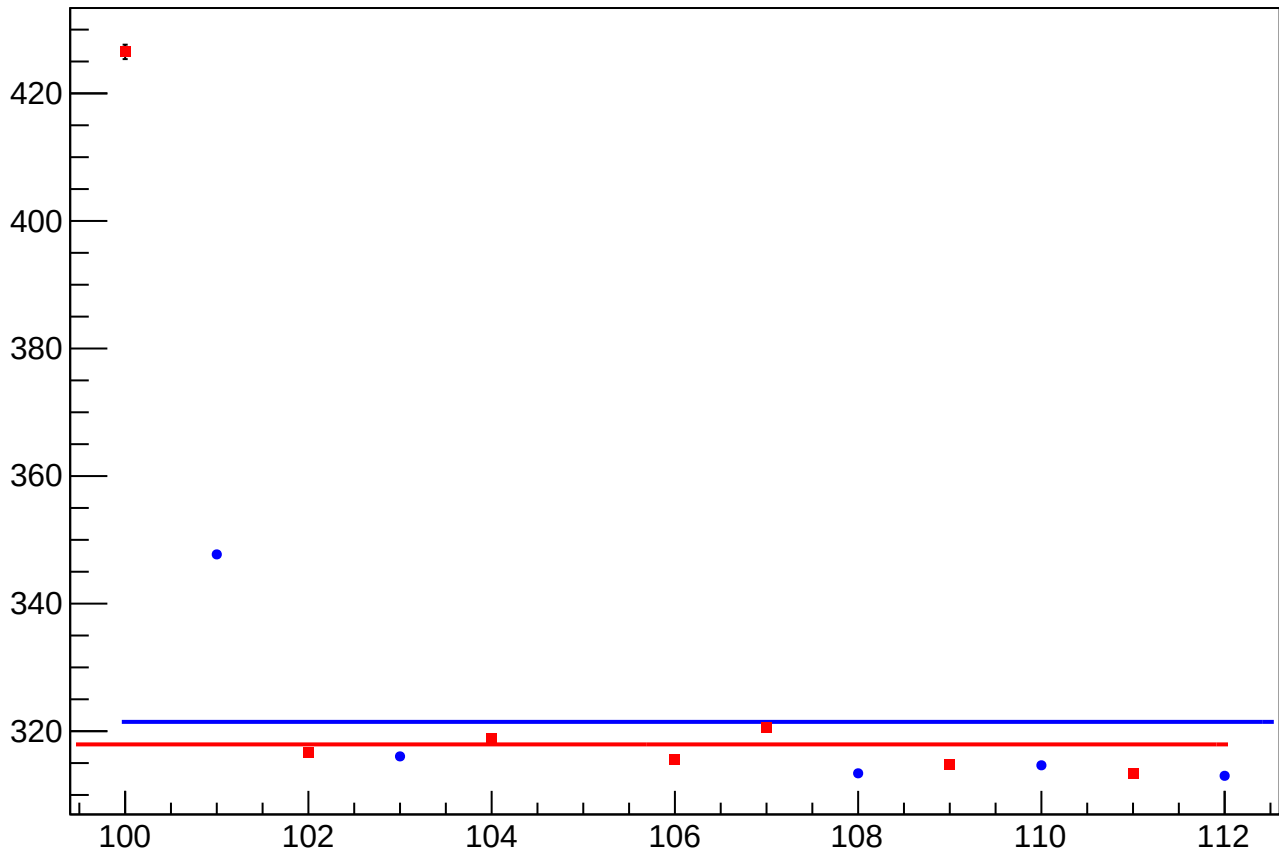
Right: -0.096+/-0.139 χ^2 /NDF: 8.8/11

In: -0.018+/-0.204 χ^2 /NDF:3.5/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.096+/-0.139 χ^2 /NDF: 8.8/11

diff_bpm_4eX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 321.459+/-0.144 χ^2/NDF : 9016.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 317.928+/-0.134 χ^2/NDF : 9604.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

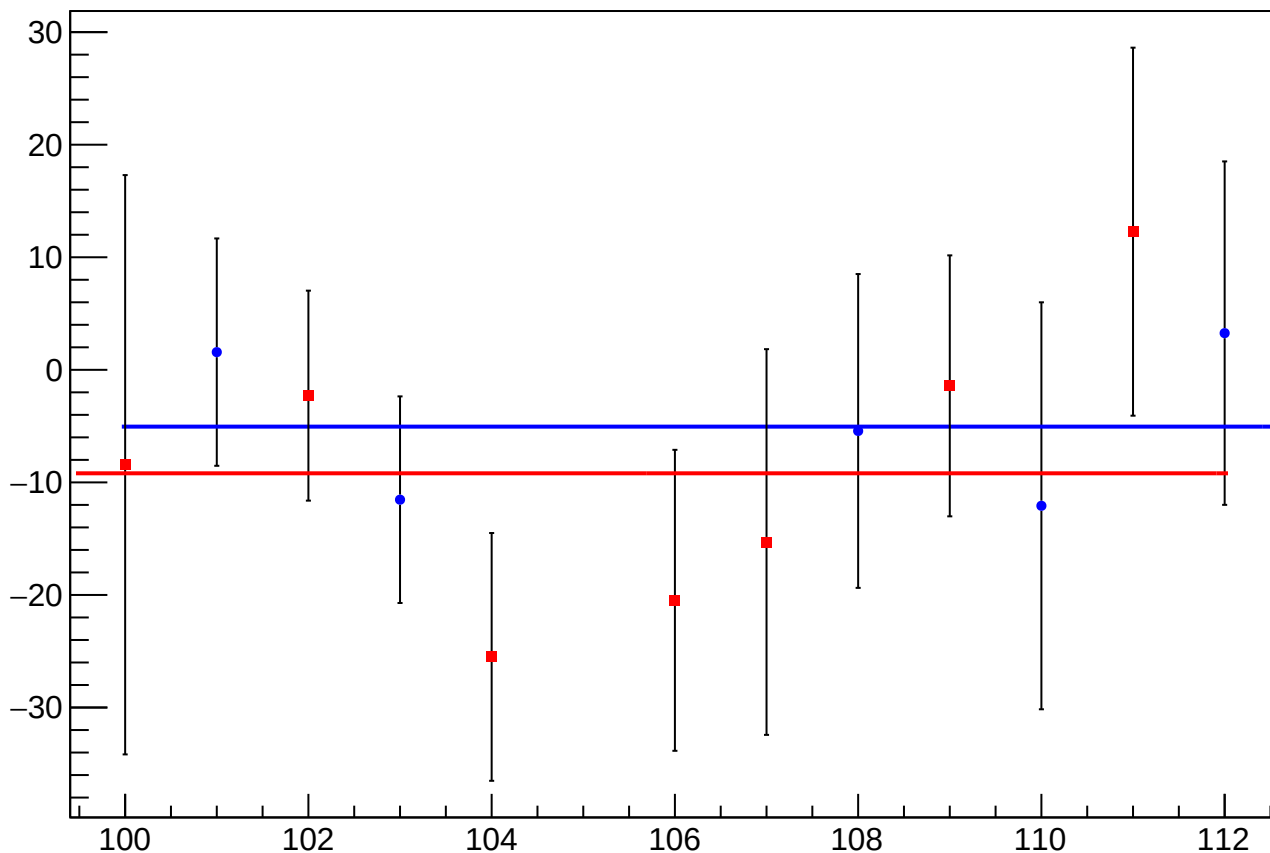
Right: 319.573+/-0.098 χ^2/NDF : 18942.5/11

In: 321.459+/-0.144 χ^2/NDF : 9016.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 319.573+/-0.098 χ^2/NDF : 18942.5/11

diff_bpm_4aY_4acY_avg_mean vs Slug, Sign Corrected



Right In: -5.046±-5.409 χ^2/NDF : 1.4/4

Left Out: 0.000±-0.000 χ^2/NDF :0.0/0

Right Out: -9.192±-4.912 χ^2/NDF : 5.8/6

Left In: 0.000±-0.000 χ^2/NDF :0.0/0

Left: 0.000±-0.000 χ^2/NDF : 0.0/0

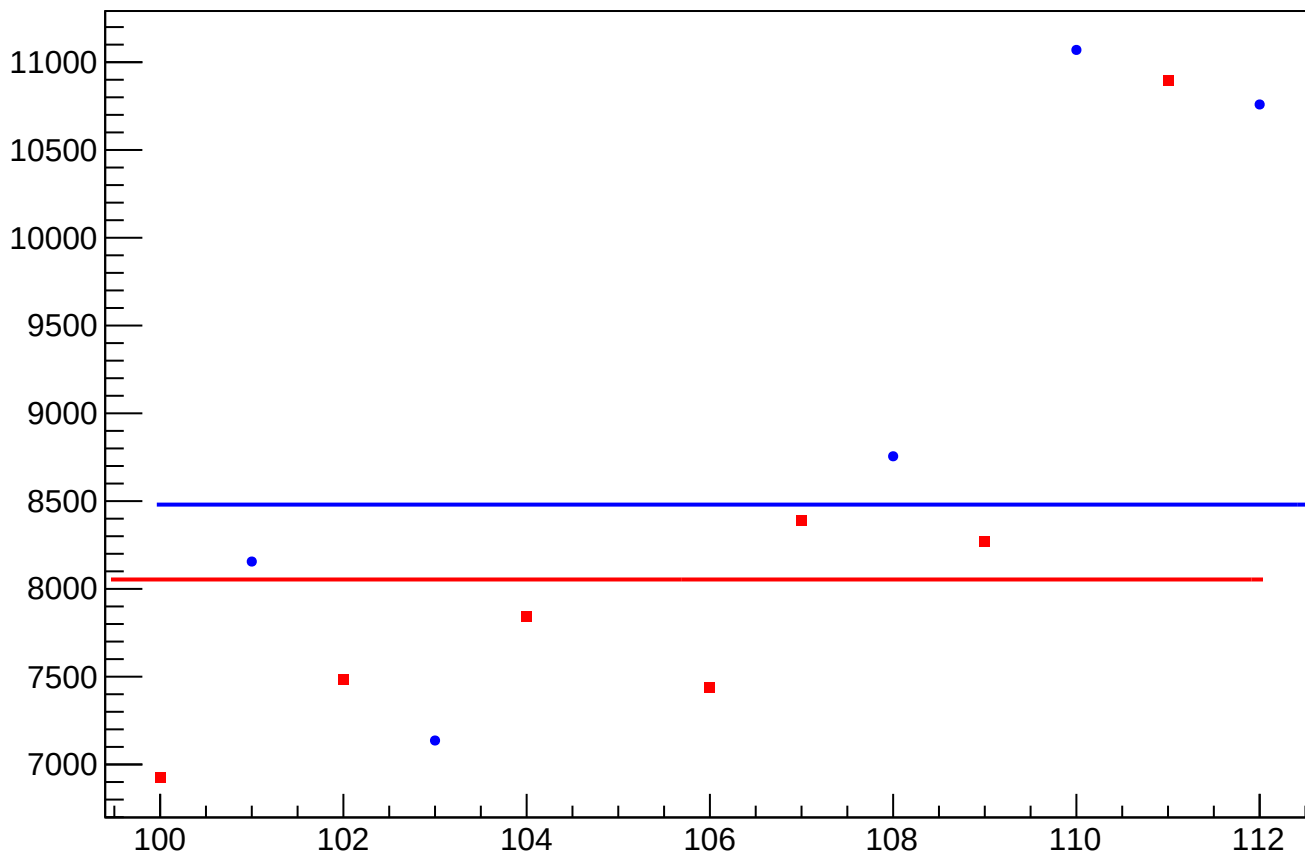
Right: -7.318±-3.636 χ^2/NDF : 7.5/11

In: -5.046±-5.409 χ^2/NDF :1.4/4

Out: 0.000±-0.000 χ^2/NDF :0.0/0

All: -7.318±-3.636 χ^2/NDF : 7.5/11

diff_bpm_4aY_4acY_avg_rms vs Slug, Sign Corrected



Right In: 8480.100+/-3.825 χ^2/NDF : 131400.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8053.583+/-3.473 χ^2/NDF : 78128.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

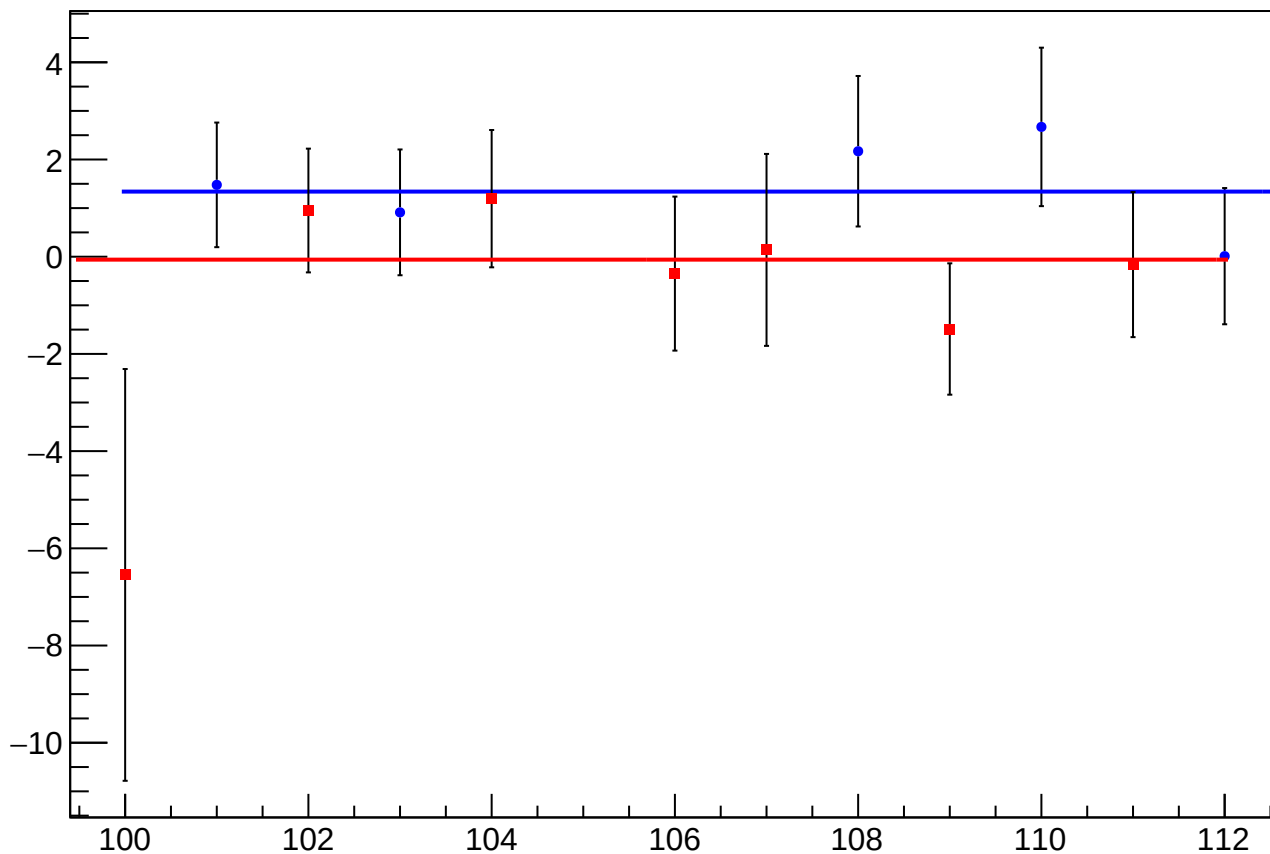
Right: 8246.358+/-2.571 χ^2/NDF : 216344.9/11

In: 8480.100+/-3.825 χ^2/NDF : 131400.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8246.358+/-2.571 χ^2/NDF : 216344.9/11

diff_bpm_4aY_4acY_dd_mean vs Slug, Sign Corrected



Right In: 1.340 $\pm$ 0.631 χ^2 /NDF: 2.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.060 $\pm$ 0.595 χ^2 /NDF: 4.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

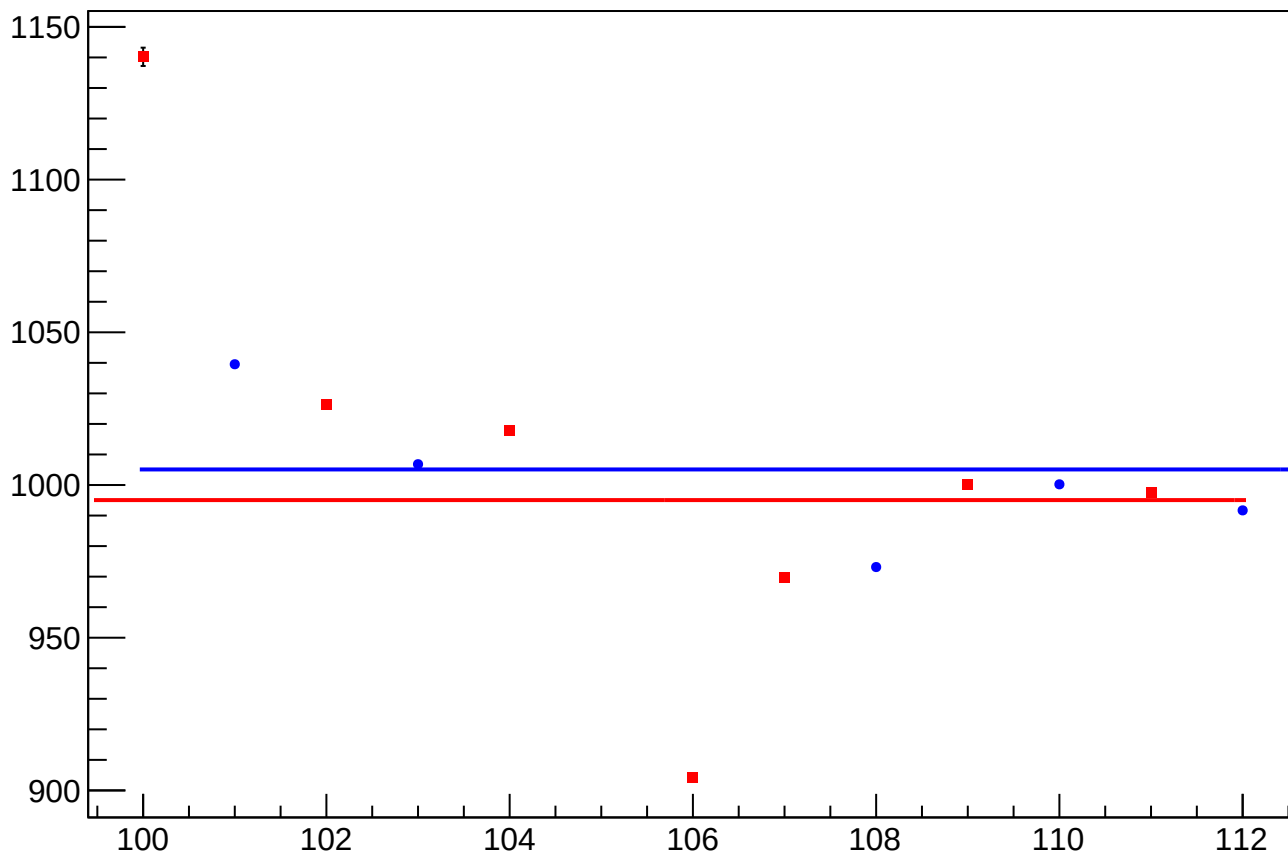
Right: 0.598 $\pm$ 0.433 χ^2 /NDF: 9.5/11

In: 1.340 $\pm$ 0.631 χ^2 /NDF: 2.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.598 $\pm$ 0.433 χ^2 /NDF: 9.5/11

diff_bpm_4aY_4acY_dd_rms vs Slug, Sign Corrected



Right In: 1005.096 $\pm$ 0.446 χ^2 /NDF: 2500.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 995.063 $\pm$ 0.421 χ^2 /NDF: 11004.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

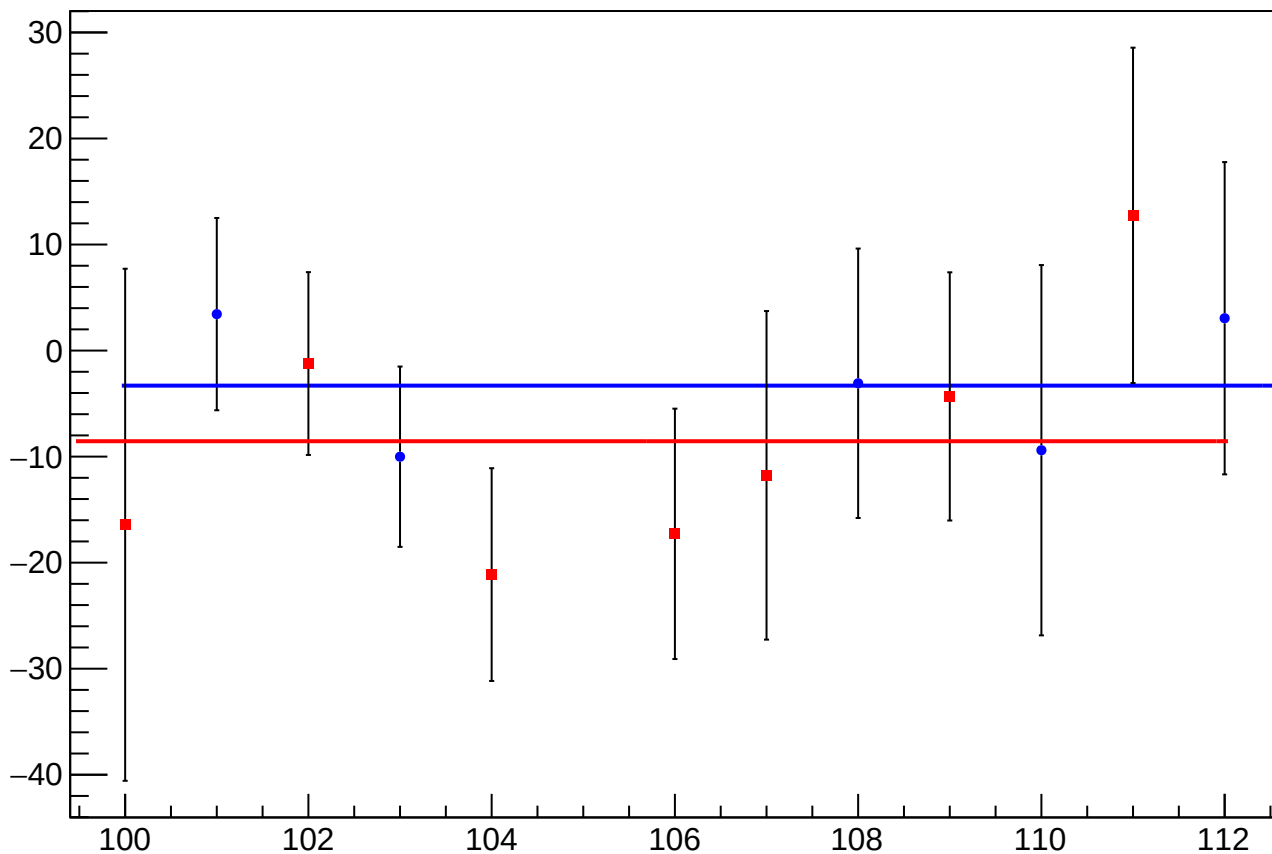
Right: 999.781 $\pm$ 0.306 χ^2 /NDF: 13771.9/11

In: 1005.096 $\pm$ 0.446 χ^2 /NDF:2500.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 999.781 $\pm$ 0.306 χ^2 /NDF: 13771.9/11

diff_bpm_4aY_4eY_avg_mean vs Slug, Sign Corrected



Right In: -3.306+/-4.995 χ^2/NDF : 1.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.547+/-4.576 χ^2/NDF : 4.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

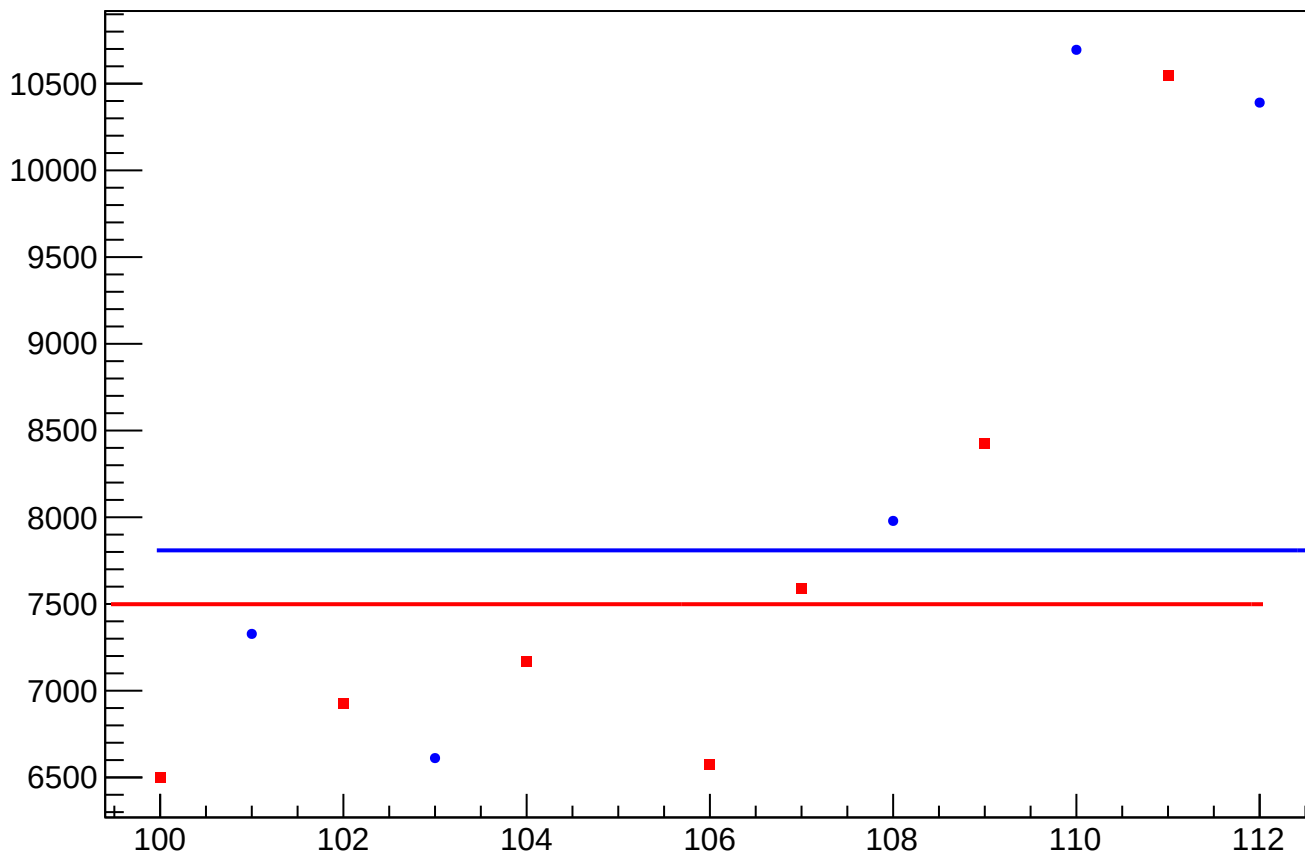
Right: -6.155+/-3.374 χ^2/NDF : 7.0/11

In: -3.306+/-4.995 χ^2/NDF : 1.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.155+/-3.374 χ^2/NDF : 7.0/11

diff_bpm_4aY_4eY_avg_rms vs Slug, Sign Corrected



Right In: 7809.150+/-3.532 χ^2/NDF : 161786.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7498.717+/-3.236 χ^2/NDF : 113541.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

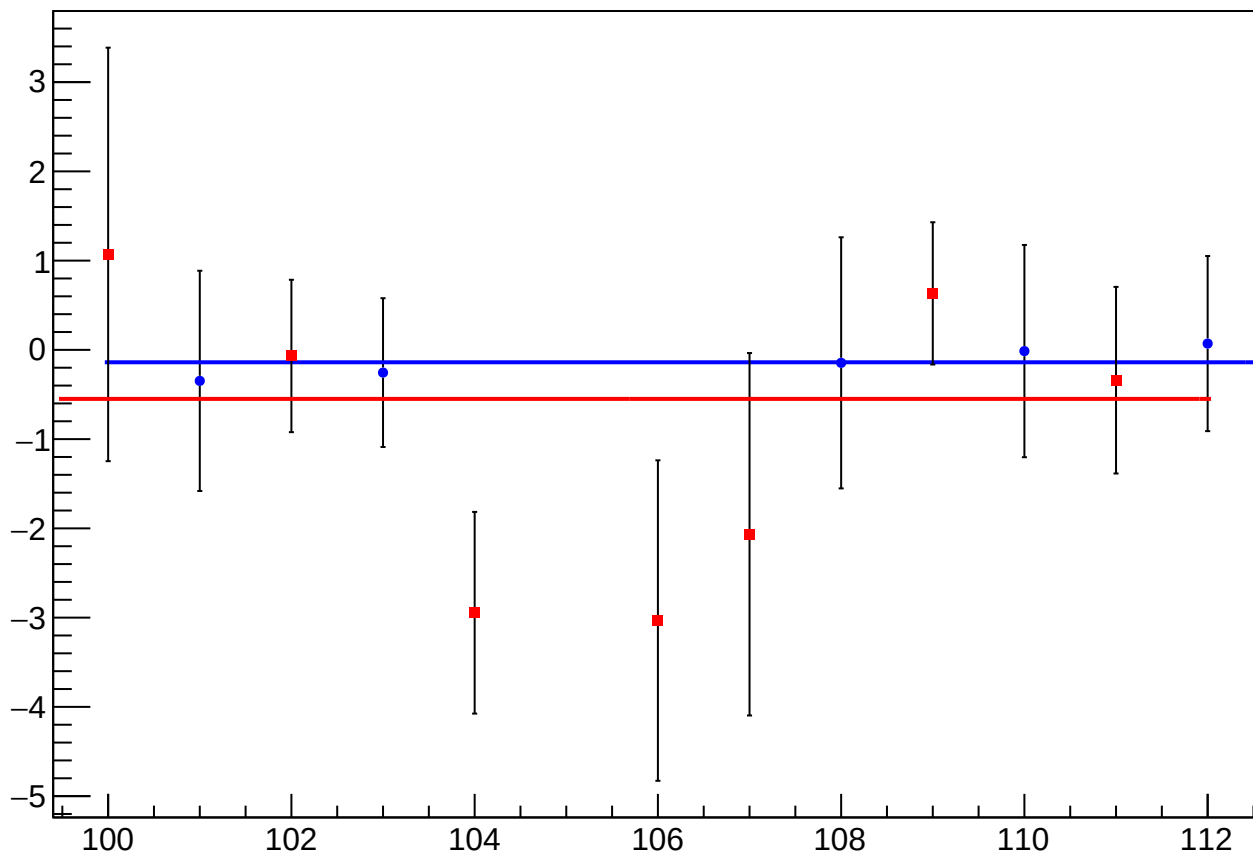
Right: 7640.378+/-2.386 χ^2/NDF : 279527.8/11

In: 7809.150+/-3.532 χ^2/NDF : 161786.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7640.378+/-2.386 χ^2/NDF : 279527.8/11

diff_bpm_4aY_4eY_dd_mean vs Slug, Sign Corrected



Right In: -0.139+/-0.480 χ^2/NDF : 0.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.549+/-0.431 χ^2/NDF : 10.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

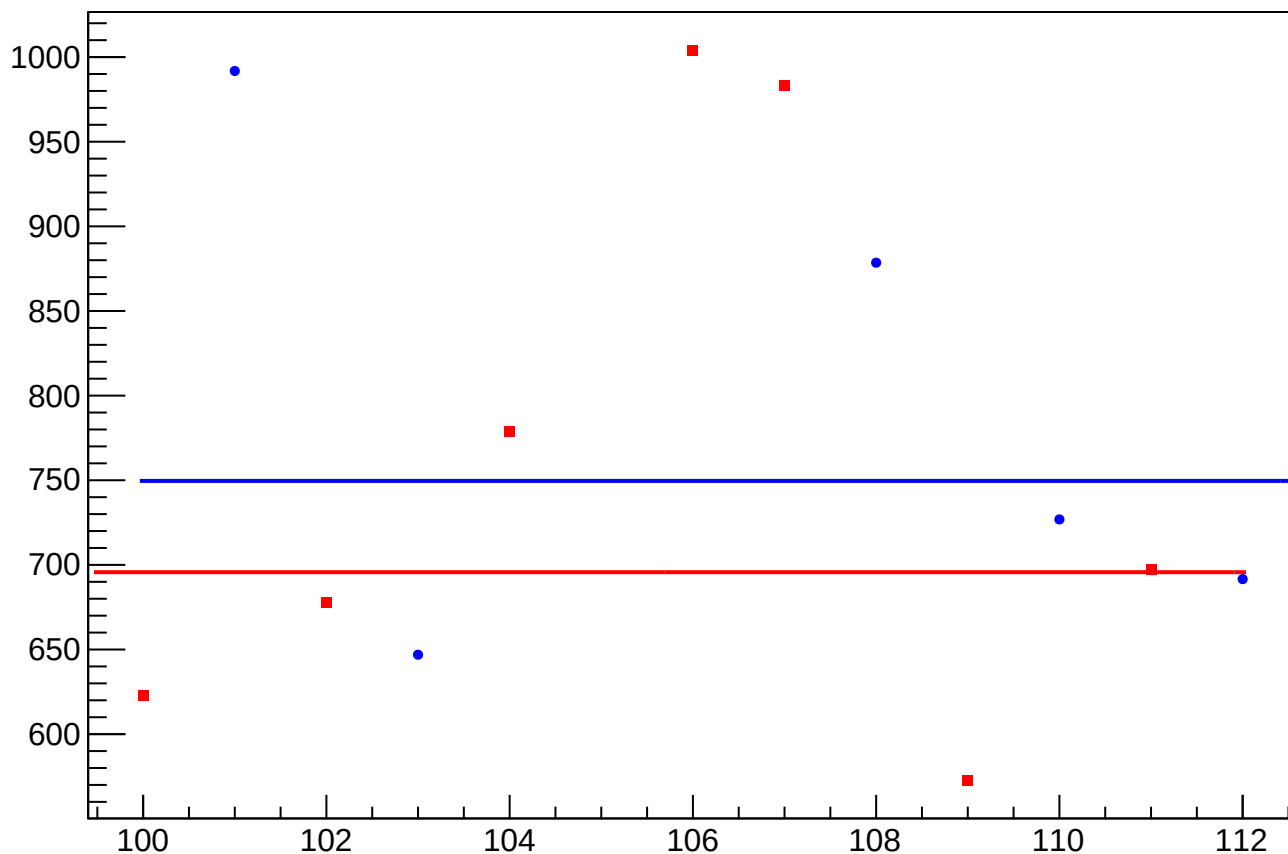
Right: -0.366+/-0.321 χ^2/NDF : 10.5/11

In: -0.139+/-0.480 χ^2/NDF : 0.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.366+/-0.321 χ^2/NDF : 10.5/11

diff_bpm_4aY_4eY_dd_rms vs Slug, Sign Corrected



Right In: 749.618 $\pm$ 0.339 χ^2 /NDF: 131930.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 695.679 $\pm$ 0.305 χ^2 /NDF: 160628.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

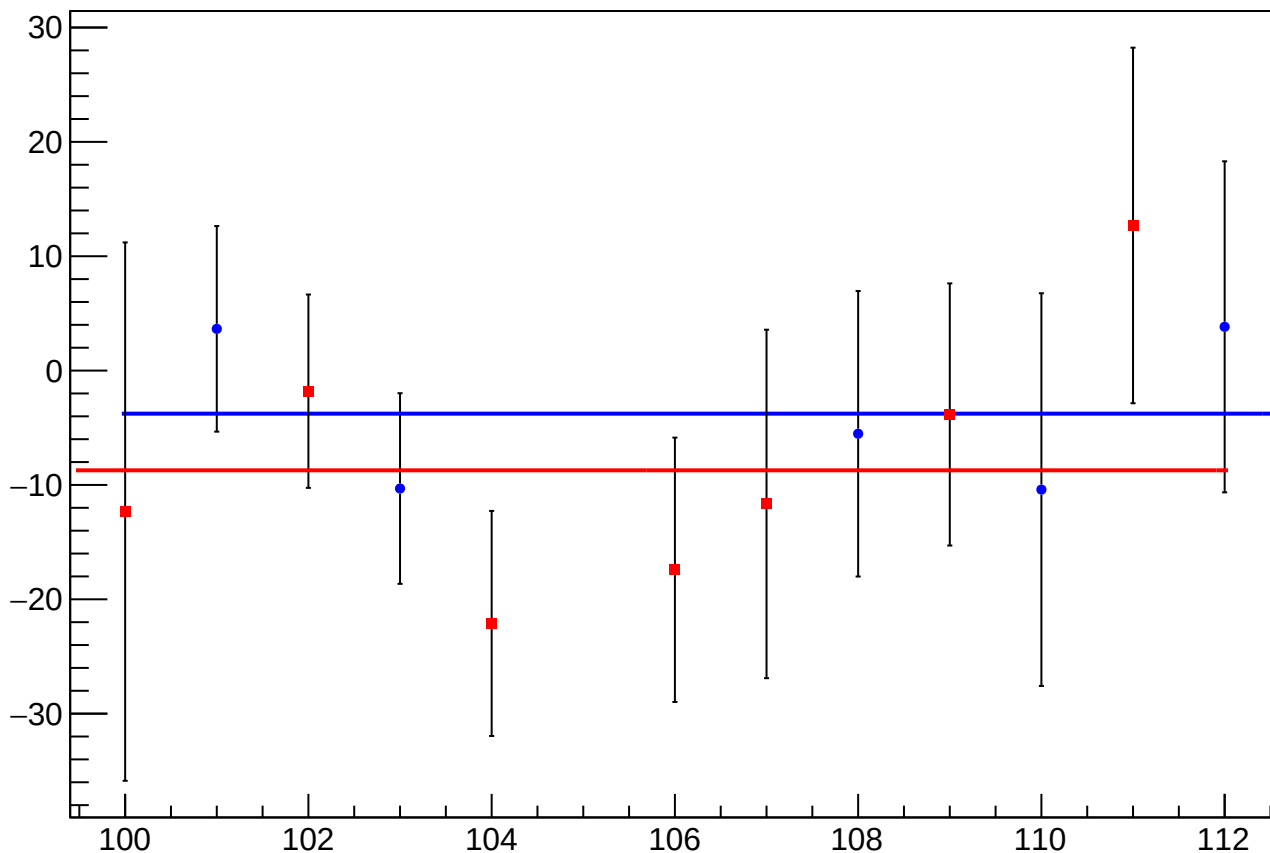
Right: 719.776 $\pm$ 0.227 χ^2 /NDF: 306555.1/11

In: 749.618 $\pm$ 0.339 χ^2 /NDF: 131930.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 719.776 $\pm$ 0.227 χ^2 /NDF: 306555.1/11

diff_bpm_4aY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: -3.767 $\pm$ 4.918 χ^2 /NDF: 1.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -8.721 $\pm$ 4.487 χ^2 /NDF: 5.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

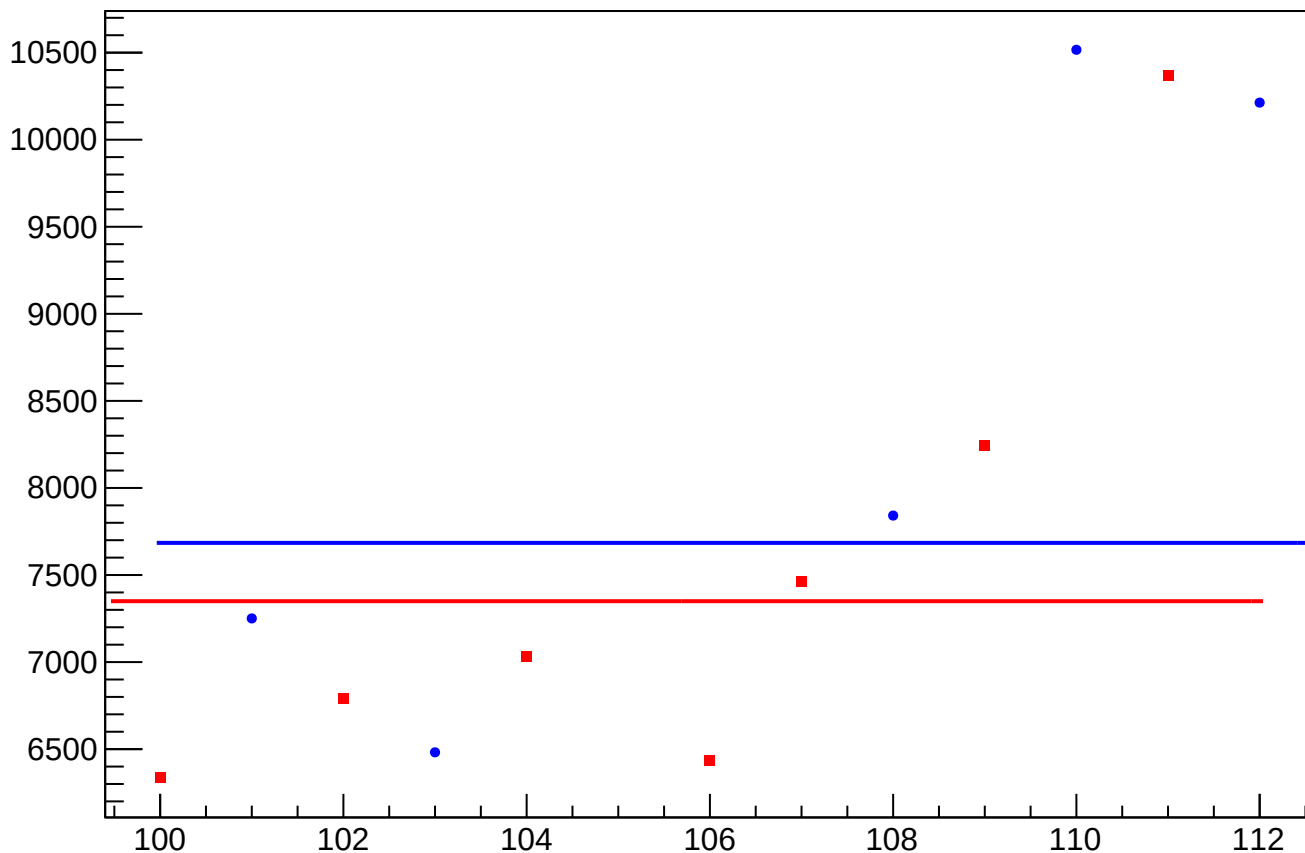
Right: -6.470 $\pm$ 3.315 χ^2 /NDF: 7.5/11

In: -3.767 $\pm$ 4.918 χ^2 /NDF:1.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -6.470 $\pm$ 3.315 χ^2 /NDF: 7.5/11

diff_bpm_4aY_4ecY_avg_rms vs Slug, Sign Corrected



Right In: 7684.614+/-3.477 χ^2/NDF : 162043.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7349.736+/-3.173 χ^2/NDF : 114763.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

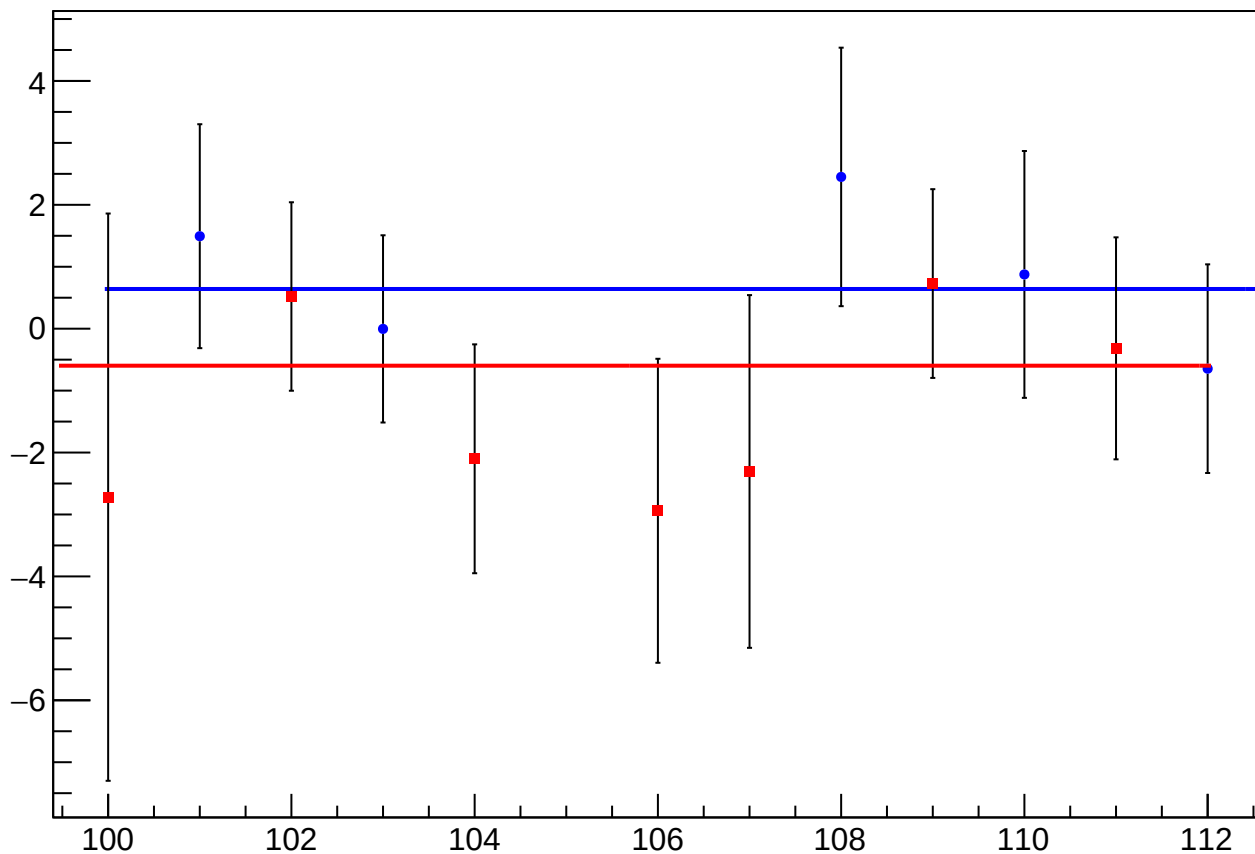
Right: 7501.874+/-2.344 χ^2/NDF : 281867.2/11

In: 7684.614+/-3.477 χ^2/NDF : 162043.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7501.874+/-2.344 χ^2/NDF : 281867.2/11

diff_bpm_4aY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 0.641 $\pm$ 0.796 χ^2 /NDF: 1.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.598 $\pm$ 0.745 χ^2 /NDF: 3.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

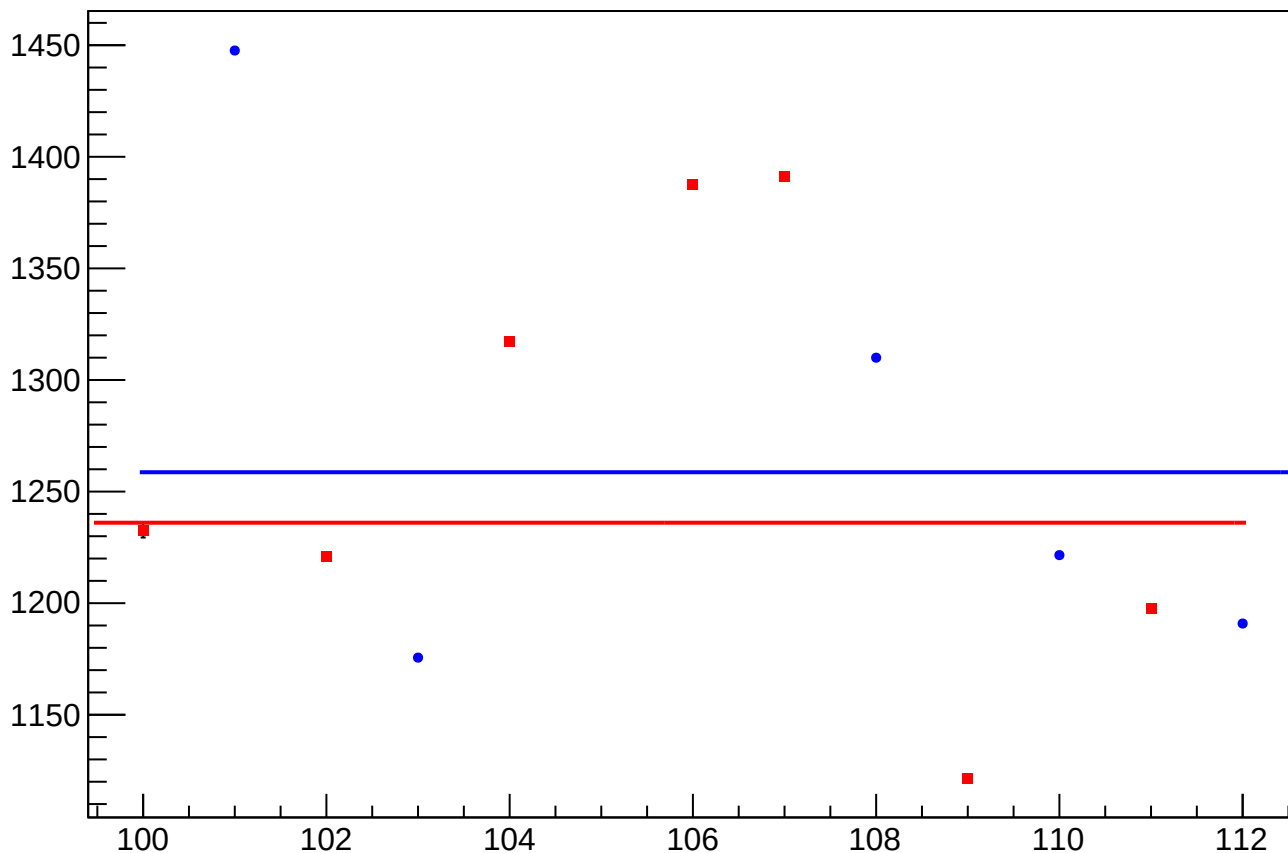
Right: -0.020 $\pm$ 0.544 χ^2 /NDF: 6.5/11

In: 0.641 $\pm$ 0.796 χ^2 /NDF:1.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.020 $\pm$ 0.544 χ^2 /NDF: 6.5/11

diff_bpm_4aY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 1258.671+/-0.563 χ^2/NDF : 33028.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1236.054+/-0.526 χ^2/NDF : 29851.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

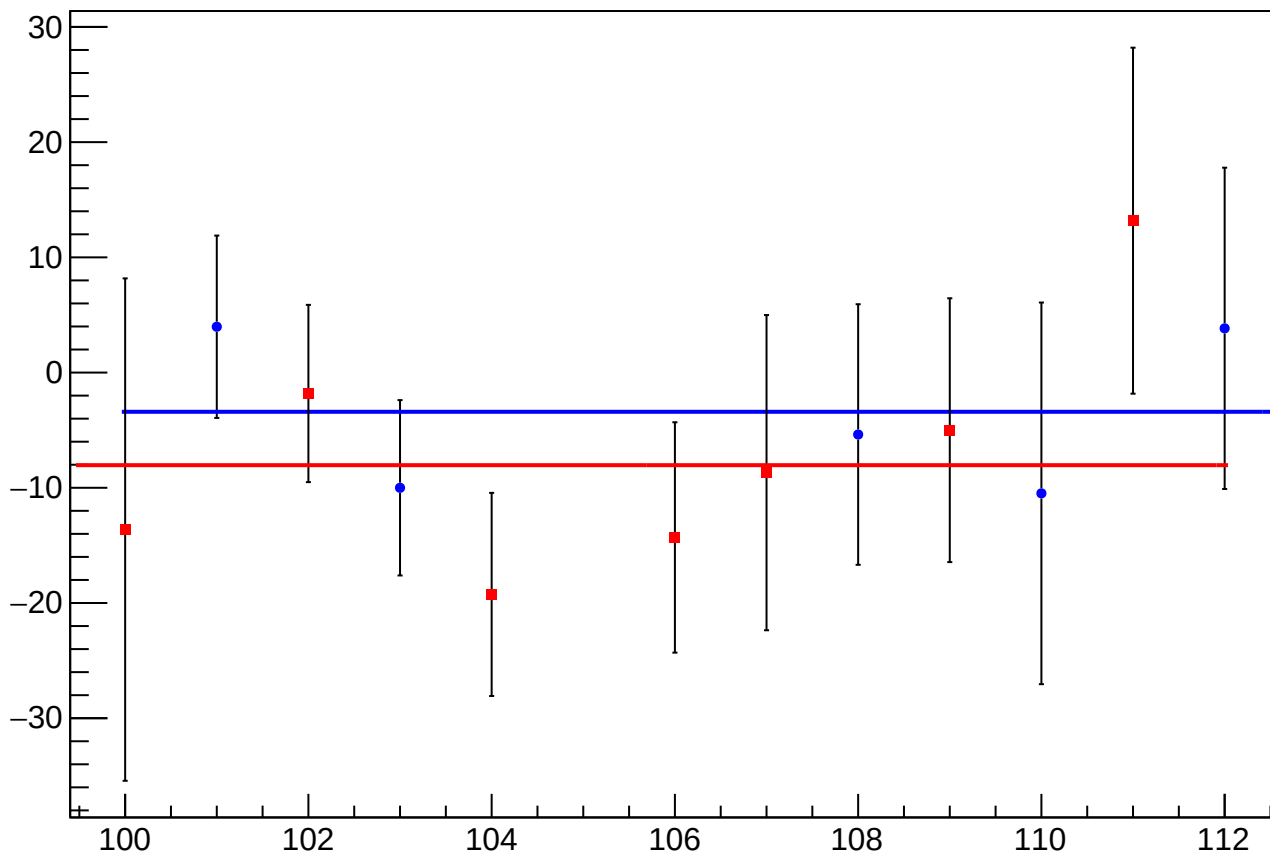
Right: 1246.606+/-0.385 χ^2/NDF : 63740.8/11

In: 1258.671+/-0.563 χ^2/NDF : 33028.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1246.606+/-0.385 χ^2/NDF : 63740.8/11

diff_bpm_4eY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: -3.404+/-4.479 χ^2/NDF : 2.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.037+/-4.107 χ^2/NDF : 4.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

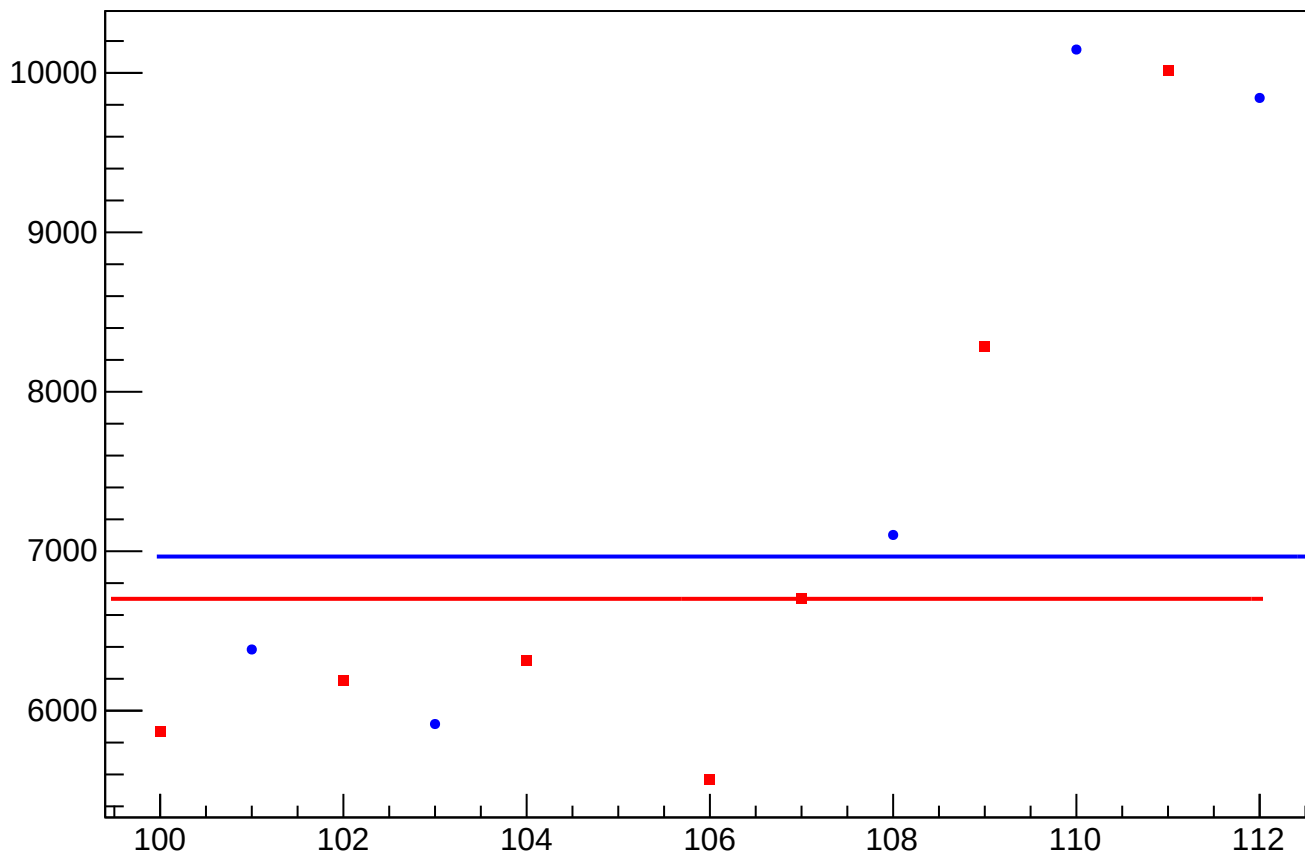
Right: -5.921+/-3.027 χ^2/NDF : 7.5/11

In: -3.404+/-4.479 χ^2/NDF : 2.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.921+/-3.027 χ^2/NDF : 7.5/11

diff_bpm_4eY_4ecY_avg_rms vs Slug, Sign Corrected



Right In: 6966.744+/-3.167 χ^2/NDF : 208072.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6701.496+/-2.904 χ^2/NDF : 177372.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

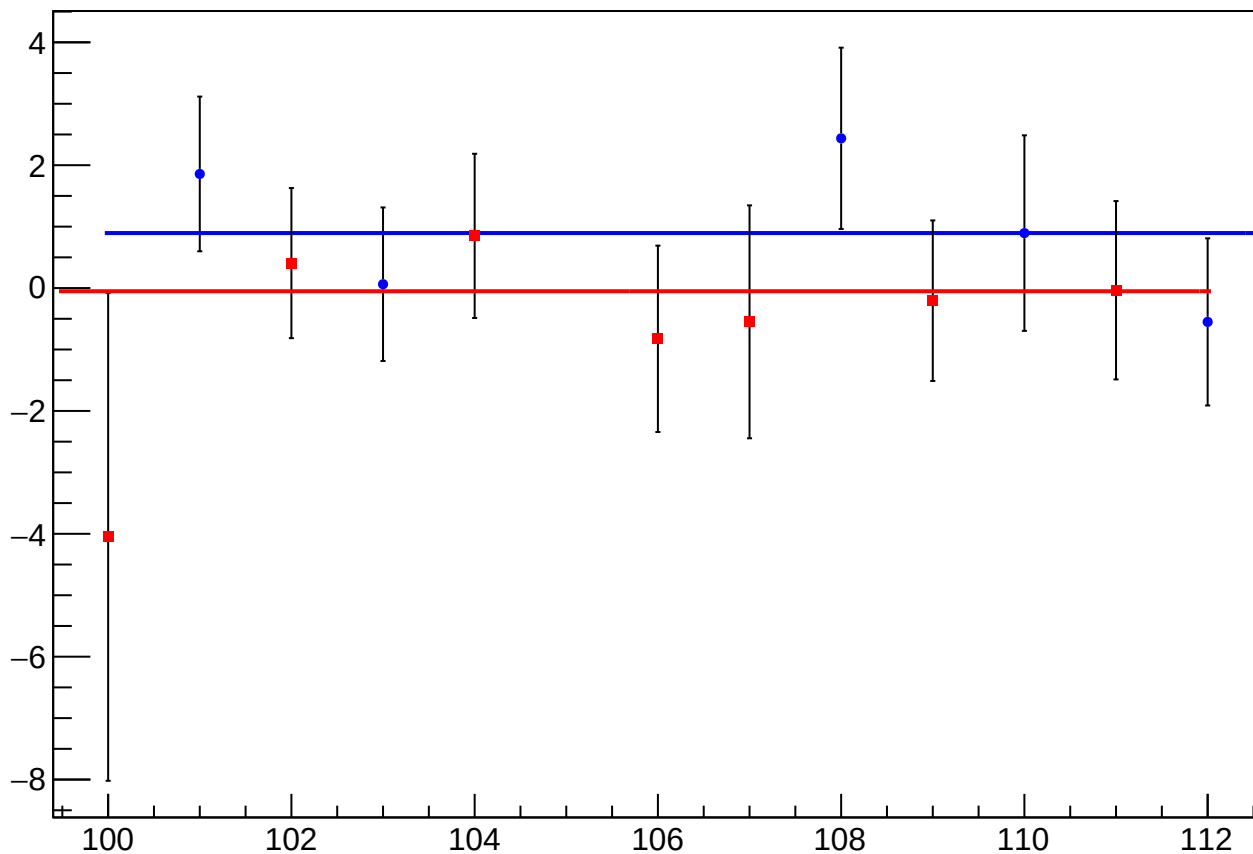
Right: 6822.652+/-2.141 χ^2/NDF : 389255.1/11

In: 6966.744+/-3.167 χ^2/NDF : 208072.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6822.652+/-2.141 χ^2/NDF : 389255.1/11

diff_bpm_4eY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 0.896 $\pm$ 0.612 χ^2 /NDF: 3.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.052 $\pm$ 0.571 χ^2 /NDF: 2.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

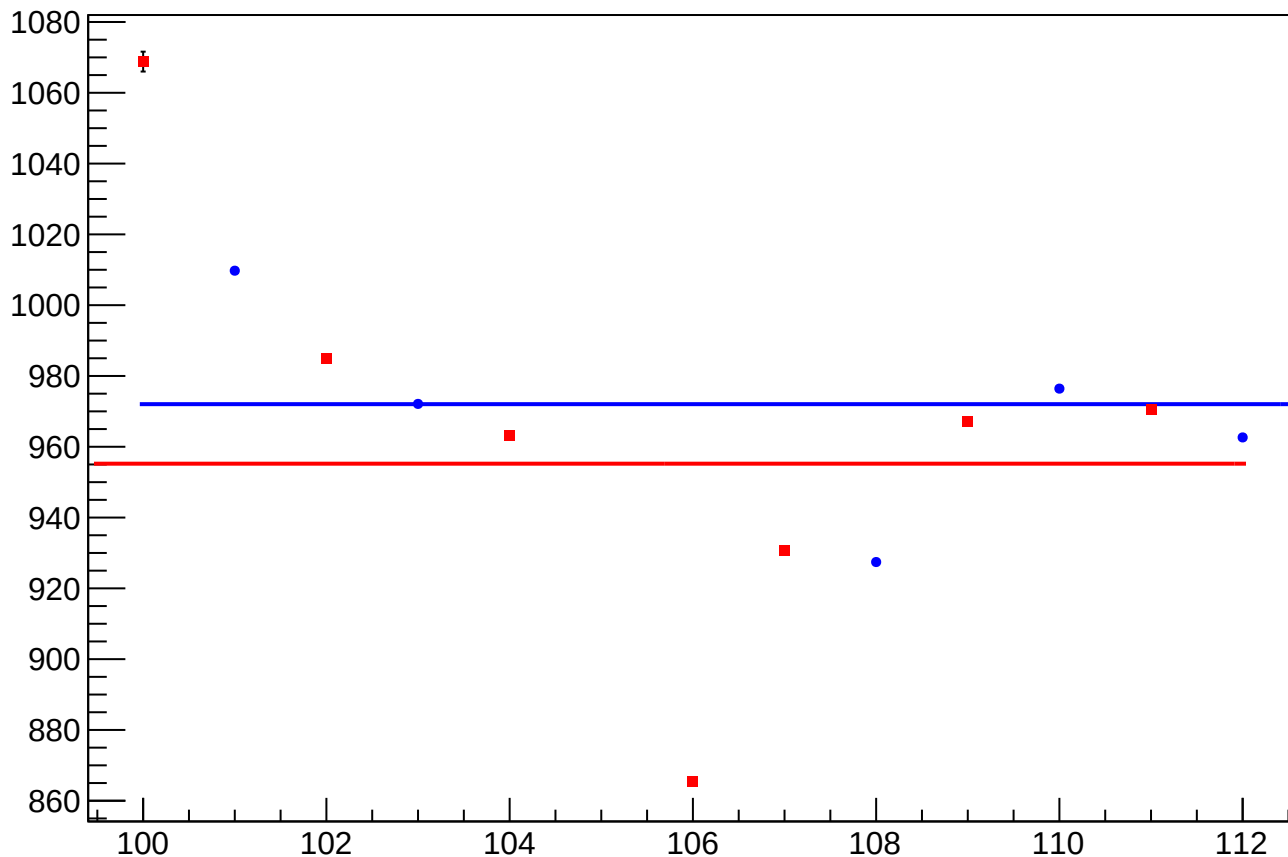
Right: 0.389 $\pm$ 0.418 χ^2 /NDF: 6.5/11

In: 0.896 $\pm$ 0.612 χ^2 /NDF:3.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.389 $\pm$ 0.418 χ^2 /NDF: 6.5/11

diff_bpm_4eY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 972.037+/-0.433 χ^2/NDF : 3732.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 955.220+/-0.404 χ^2/NDF : 10604.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

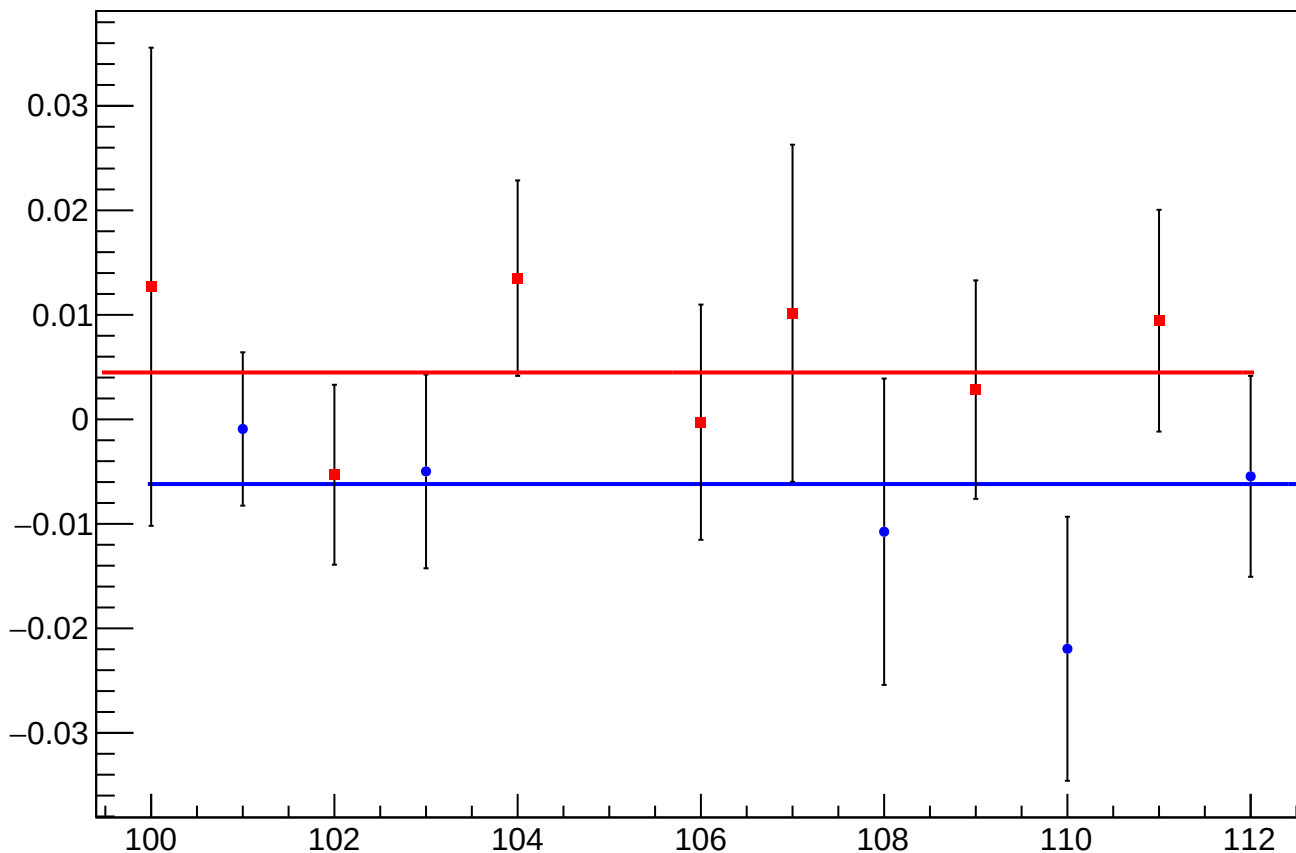
Right: 963.041+/-0.295 χ^2/NDF : 15142.7/11

In: 972.037+/-0.433 χ^2/NDF : 3732.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 963.041+/-0.295 χ^2/NDF : 15142.7/11

diff_dispE_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.004 χ^2 /NDF: 2.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.004 χ^2 /NDF: 2.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

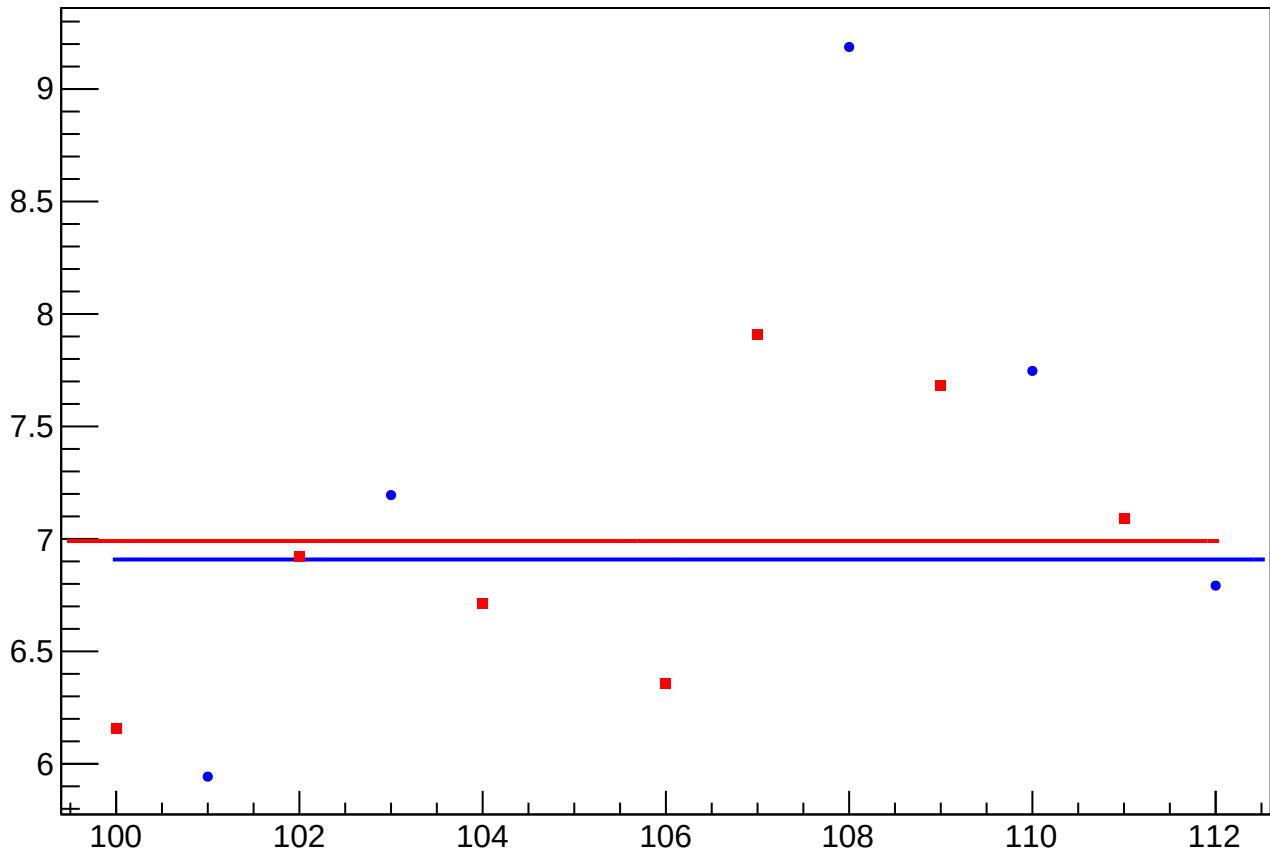
Right: -0.001 $\pm$ 0.003 χ^2 /NDF: 8.2/11

In: -0.006 $\pm$ 0.004 χ^2 /NDF:2.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.003 χ^2 /NDF: 8.2/11

diff_dispE_bpm12X_rms vs Slug, Sign Corrected



Right In: 6.908 ± 0.003 $\chi^2/\text{NDF}: 93966.0/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 6.991 ± 0.003 $\chi^2/\text{NDF}: 26294.5/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

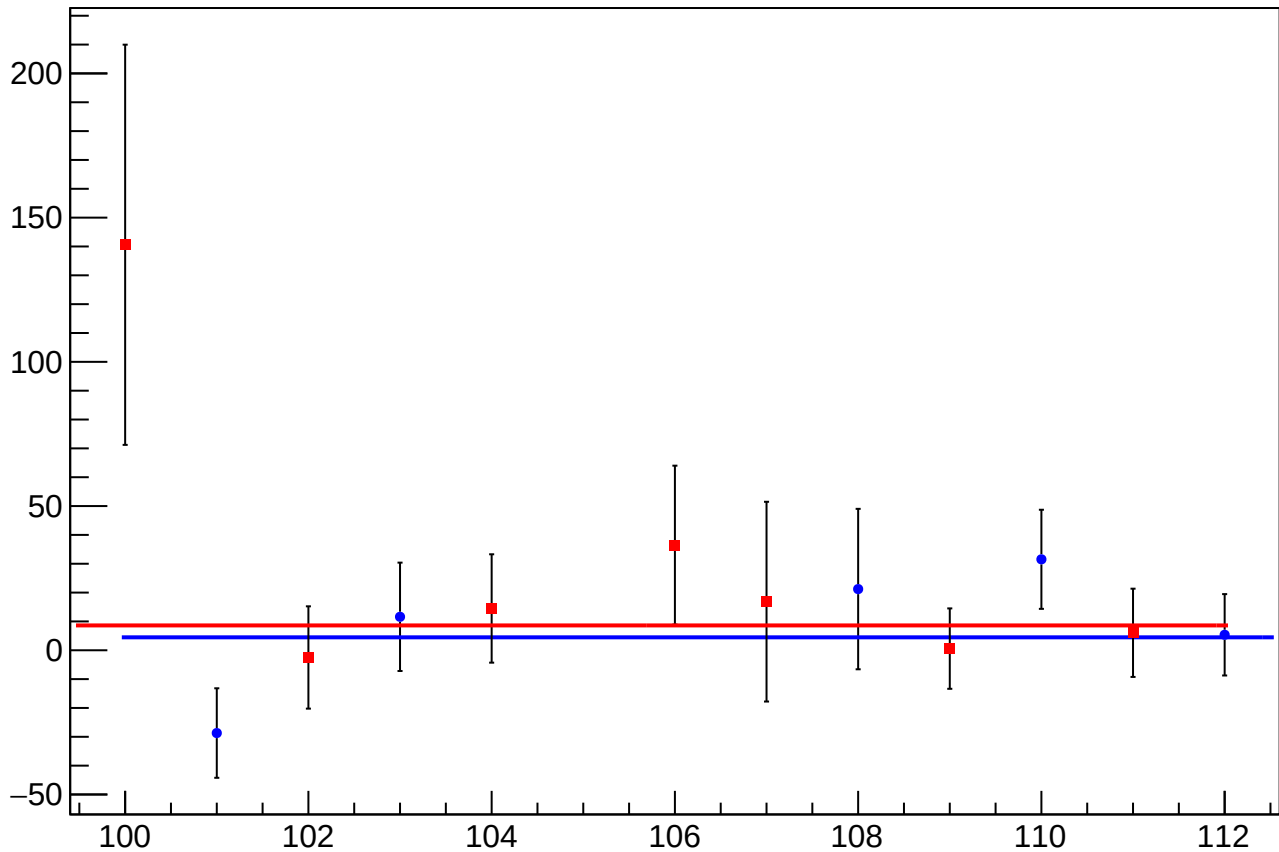
Right: 6.951 ± 0.002 $\chi^2/\text{NDF}: 120627.0/11$

In: 6.908 ± 0.003 $\chi^2/\text{NDF}: 93966.0/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 6.951 ± 0.002 $\chi^2/\text{NDF}: 120627.0/11$

diff_targ_positionX_mean vs Slug, Sign Corrected



Right In: 4.487+/-7.740 χ^2/NDF : 7.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.615+/-7.497 χ^2/NDF : 5.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

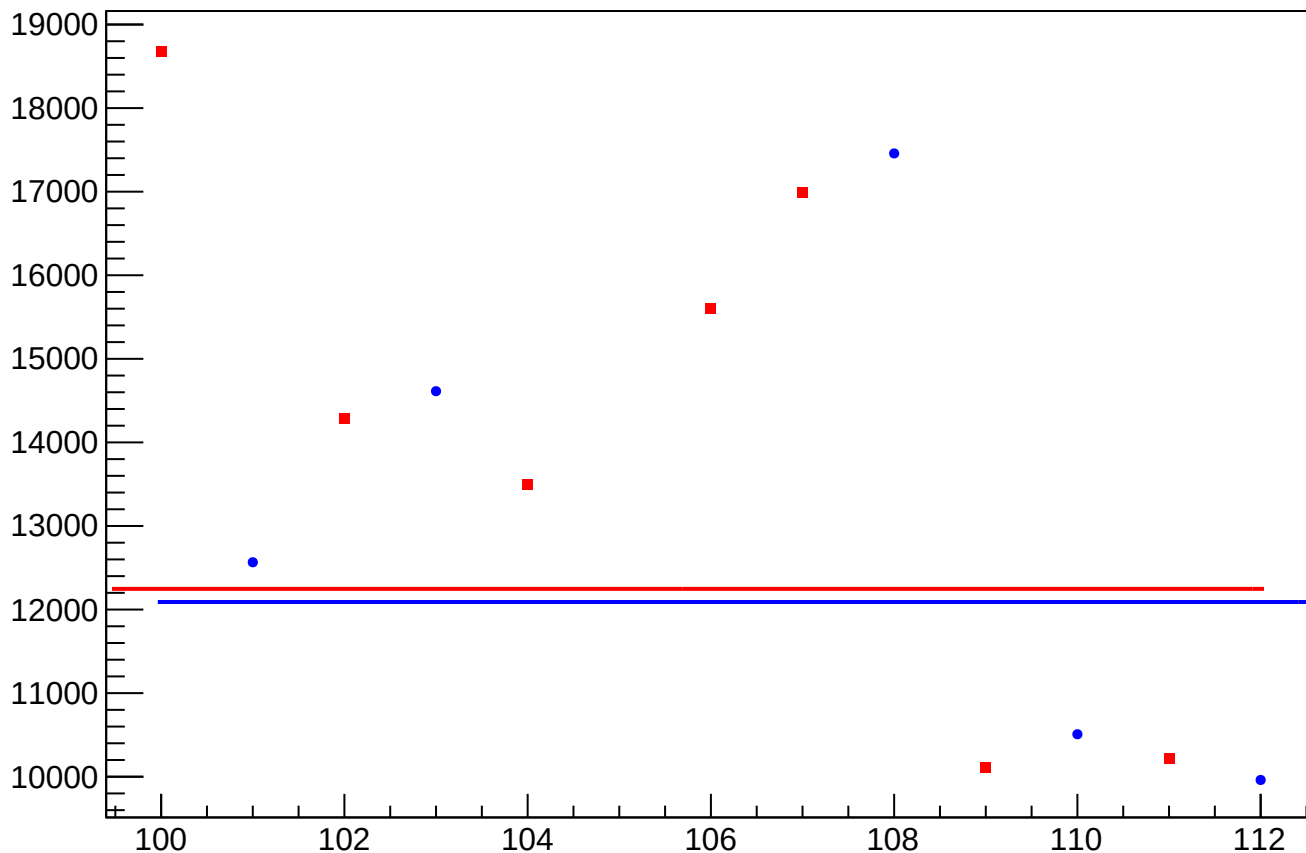
Right: 6.617+/-5.385 χ^2/NDF : 13.3/11

In: 4.487+/-7.740 χ^2/NDF : 7.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.617+/-5.385 χ^2/NDF : 13.3/11

diff_targ_positionX_rms vs Slug, Sign Corrected



Right In: 12090.523+/-5.473 χ^2/NDF : 174955.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12247.582+/-5.301 χ^2/NDF : 202104.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

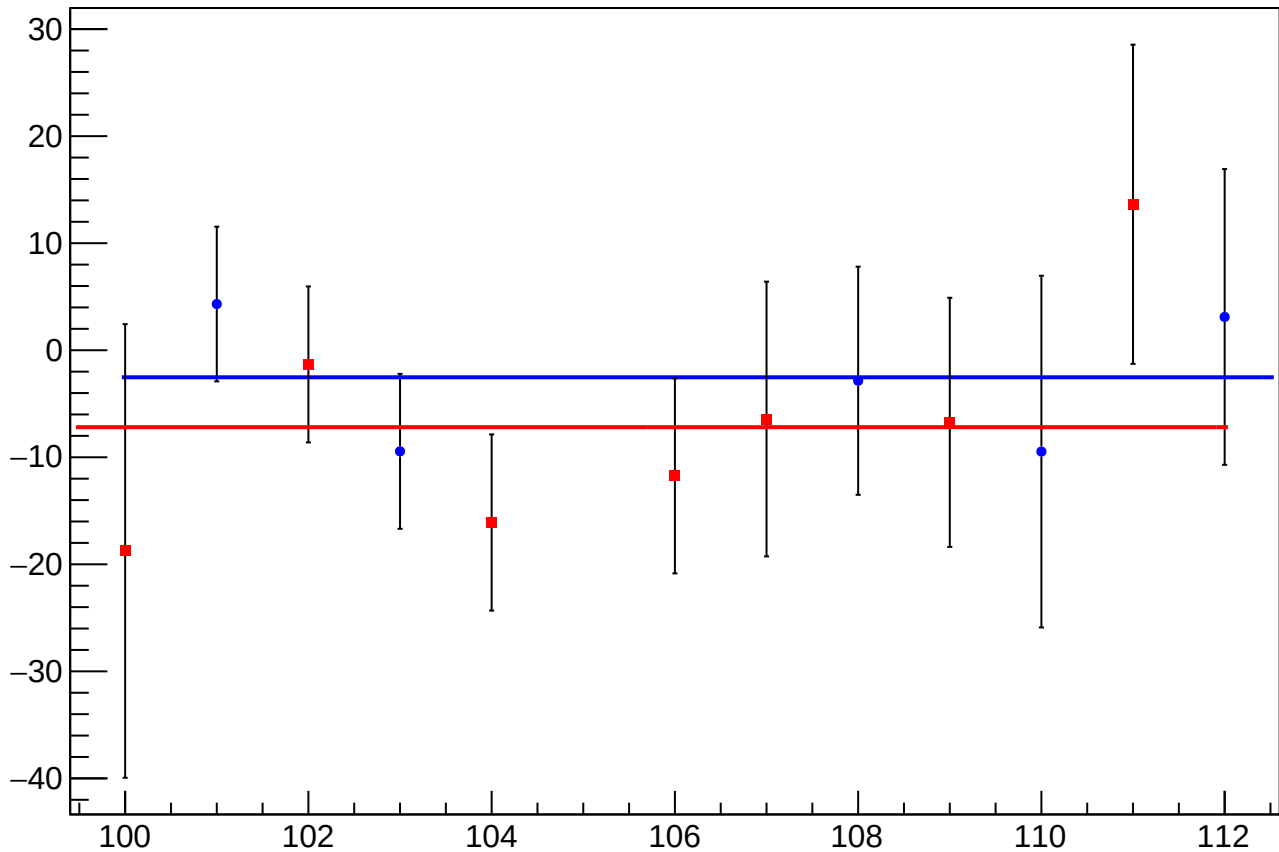
Right: 12171.553+/-3.808 χ^2/NDF : 377484.0/11

In: 12090.523+/-5.473 χ^2/NDF : 174955.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12171.553+/-3.808 χ^2/NDF : 377484.0/11

diff_targ_positionY_mean vs Slug, Sign Corrected



Right In: -2.527+/-4.227 χ^2/NDF : 2.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.189+/-3.898 χ^2/NDF : 4.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

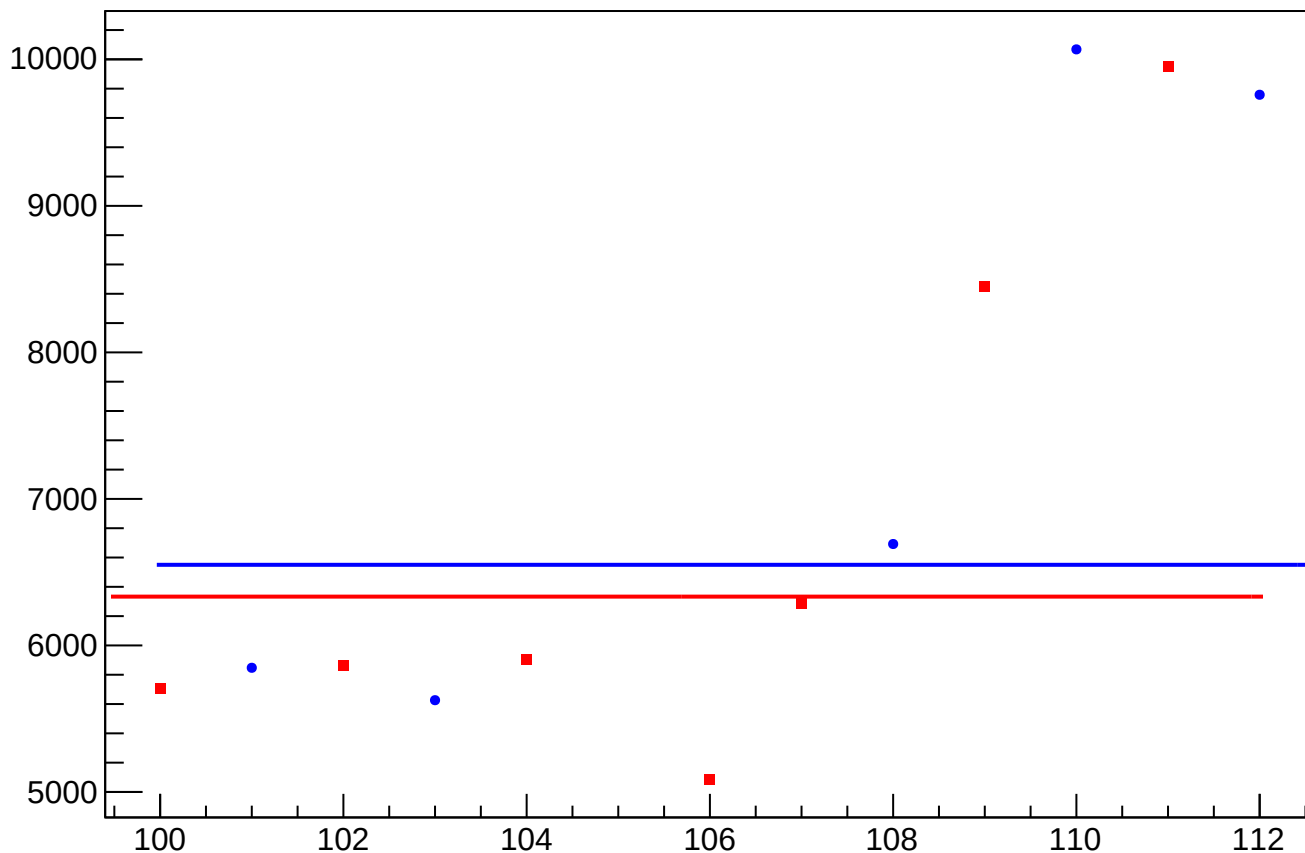
Right: -5.046+/-2.865 χ^2/NDF : 7.1/11

In: -2.527+/-4.227 χ^2/NDF : 2.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.046+/-2.865 χ^2/NDF : 7.1/11

diff_targ_positionY_rms vs Slug, Sign Corrected



Right In: 6550.262+/-2.989 χ^2/NDF : 251335.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6333.172+/-2.756 χ^2/NDF : 236875.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

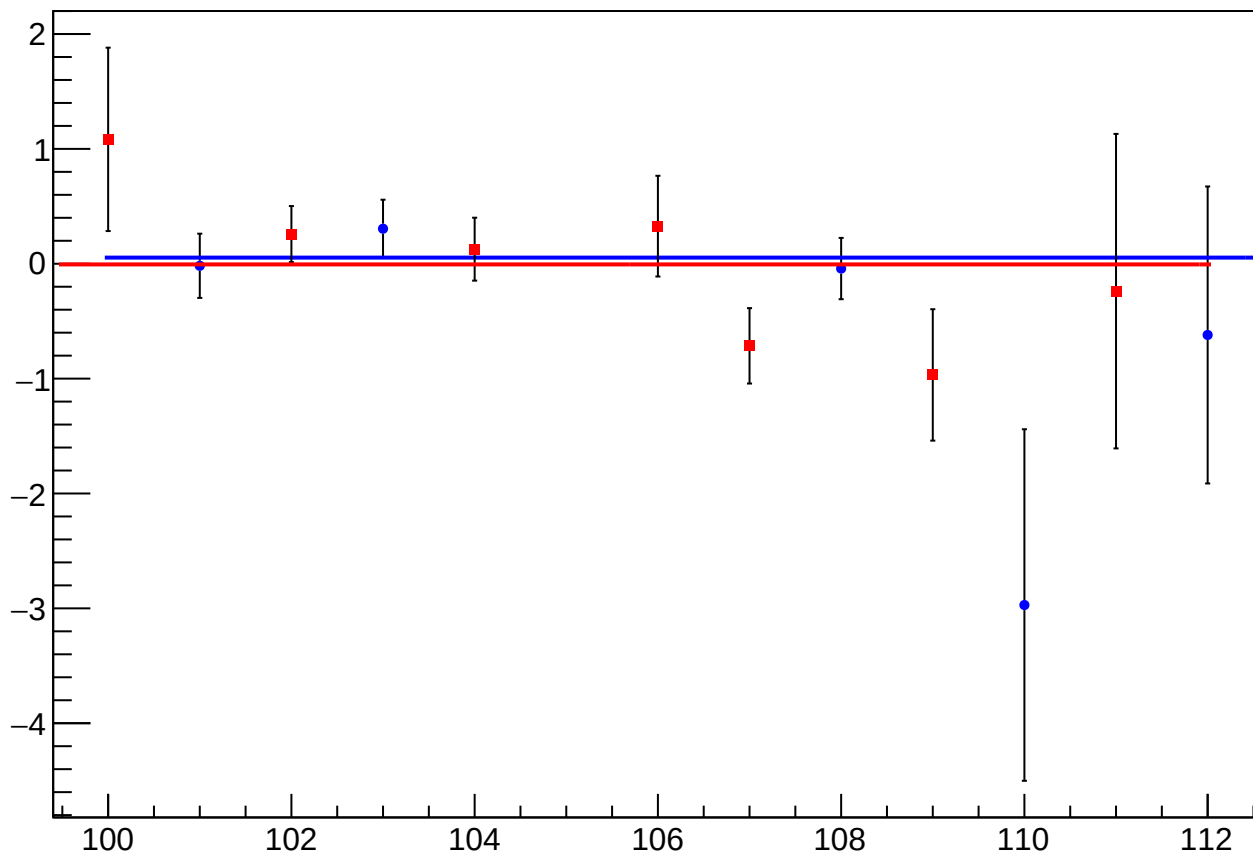
Right: 6432.936+/-2.026 χ^2/NDF : 491062.5/11

In: 6550.262+/-2.989 χ^2/NDF : 251335.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6432.936+/-2.026 χ^2/NDF : 491062.5/11

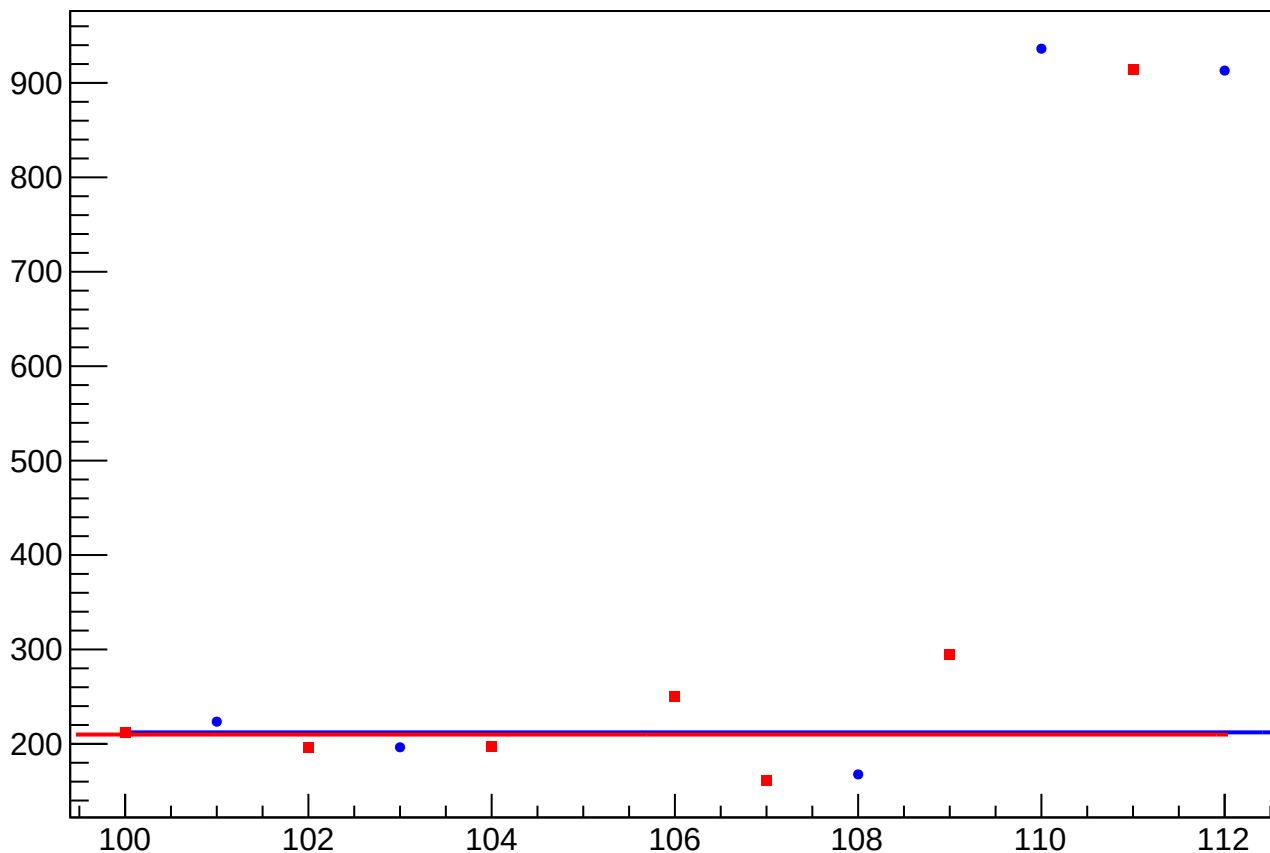
diff_targ_thetaX_mean vs Slug, Sign Corrected



Right In: 0.054+/-0.152 χ^2/NDF : 5.4/4
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.006+/-0.142 χ^2/NDF : 11.4/6
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.022+/-0.104 χ^2/NDF : 16.8/11
 In: 0.054+/-0.152 χ^2/NDF : 5.4/4
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.022+/-0.104 χ^2/NDF : 16.8/11

diff_targ_thetaX_rms vs Slug, Sign Corrected



Right In: 212.190+/-0.107 χ^2/NDF : 1102483.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 209.869+/-0.100 χ^2/NDF : 644663.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

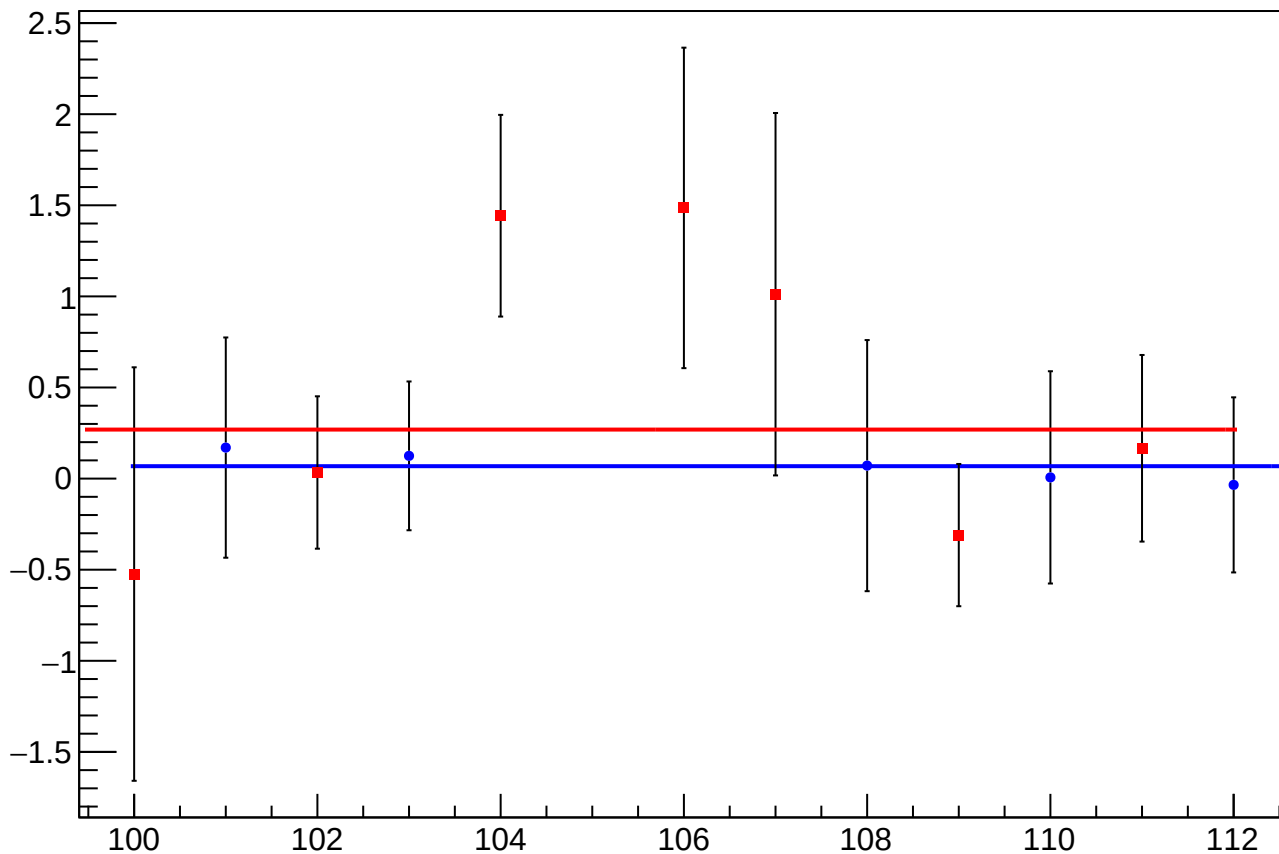
Right: 210.952+/-0.073 χ^2/NDF : 1747397.2/11

In: 212.190+/-0.107 χ^2/NDF : 1102483.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 210.952+/-0.073 χ^2/NDF : 1747397.2/11

diff_targ_thetaY_mean vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.235 χ^2 /NDF: 0.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.269 $\pm$ 0.211 χ^2 /NDF: 10.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

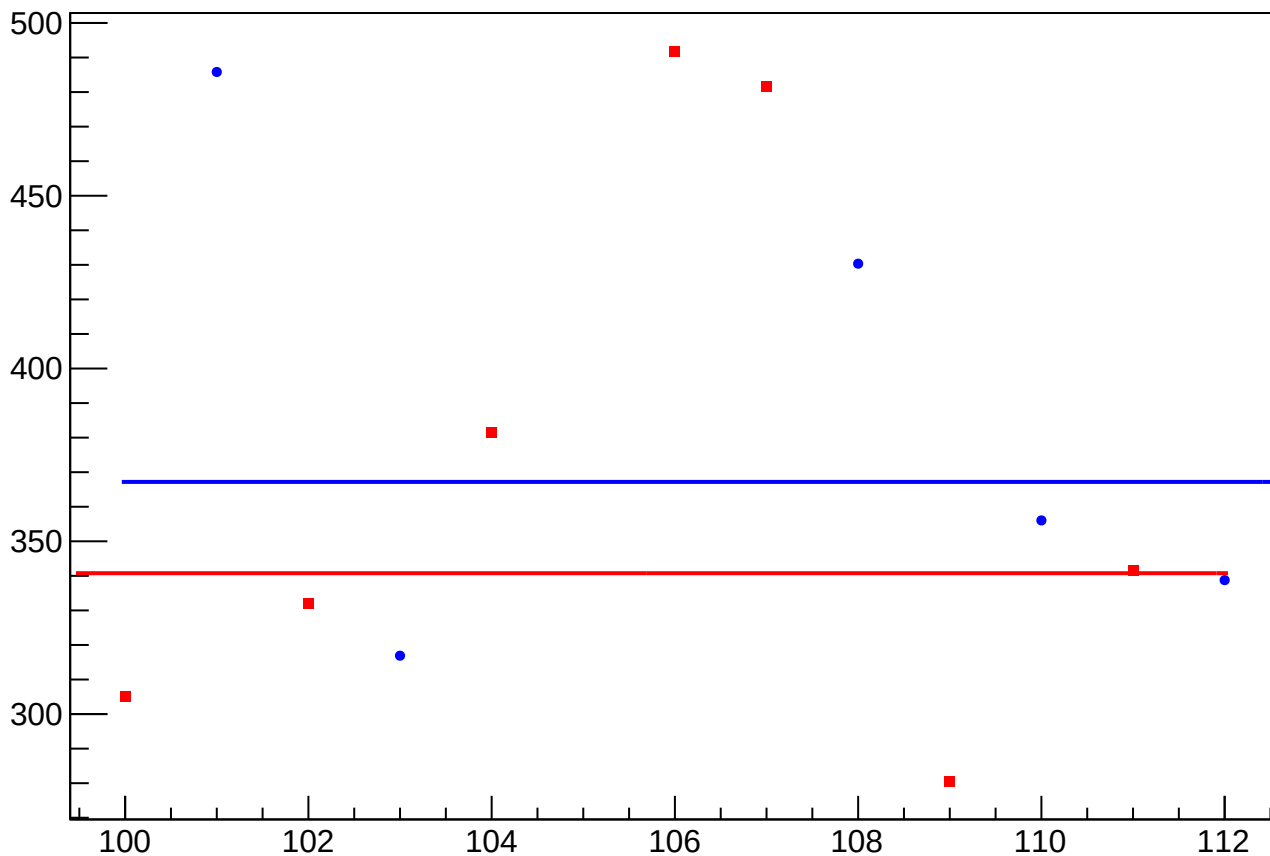
Right: 0.179 $\pm$ 0.157 χ^2 /NDF: 10.5/11

In: 0.068 $\pm$ 0.235 χ^2 /NDF: 0.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.179 $\pm$ 0.157 χ^2 /NDF: 10.5/11

diff_targ_thetaY_rms vs Slug, Sign Corrected



Right In: 367.190+/-0.166 χ^2/NDF : 131930.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 340.769+/-0.149 χ^2/NDF : 160628.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

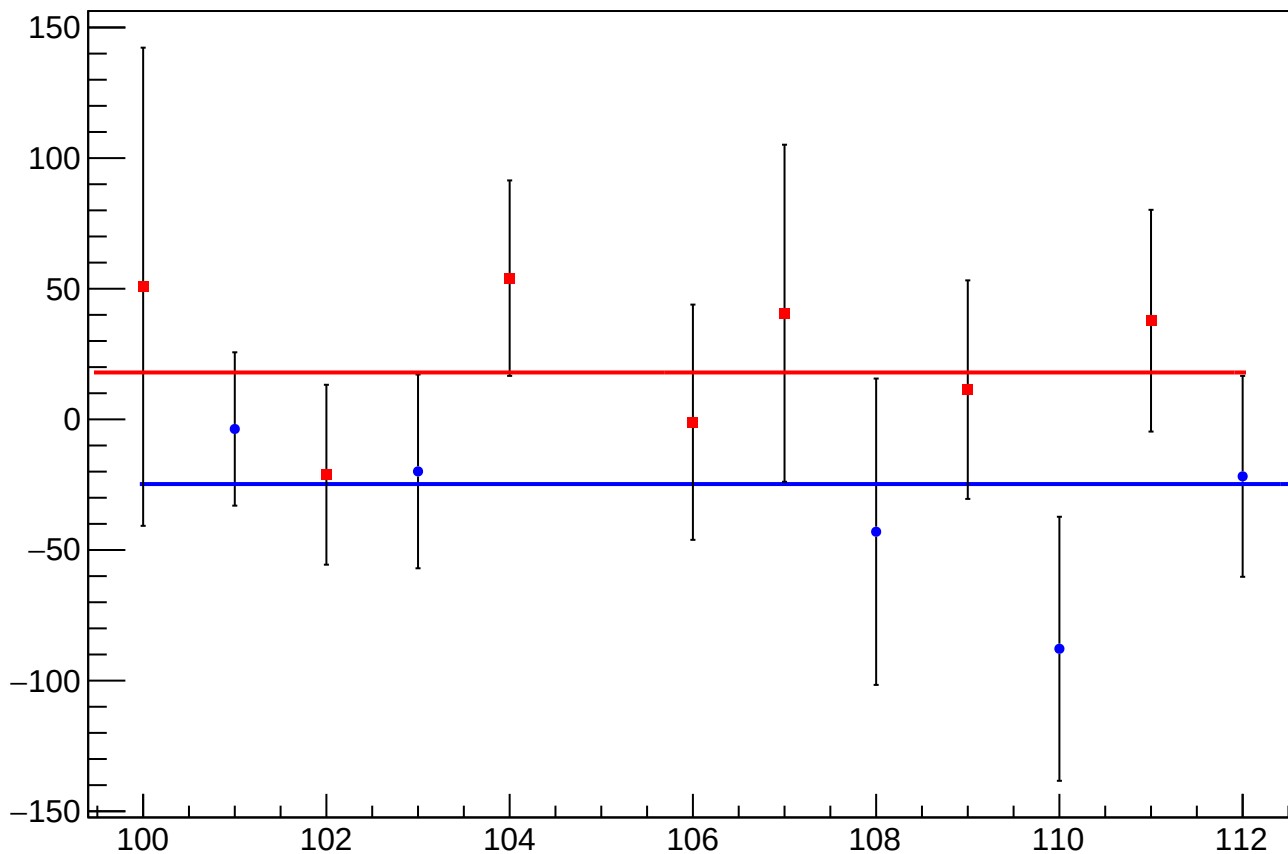
Right: 352.572+/-0.111 χ^2/NDF : 306555.1/11

In: 367.190+/-0.166 χ^2/NDF : 131930.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 352.572+/-0.111 χ^2/NDF : 306555.1/11

diff_bpmE_mean vs Slug, Sign Corrected



Right In: -24.759 $\pm$ 17.548 χ^2 /NDF: 2.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 17.952 $\pm$ 16.811 χ^2 /NDF: 2.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

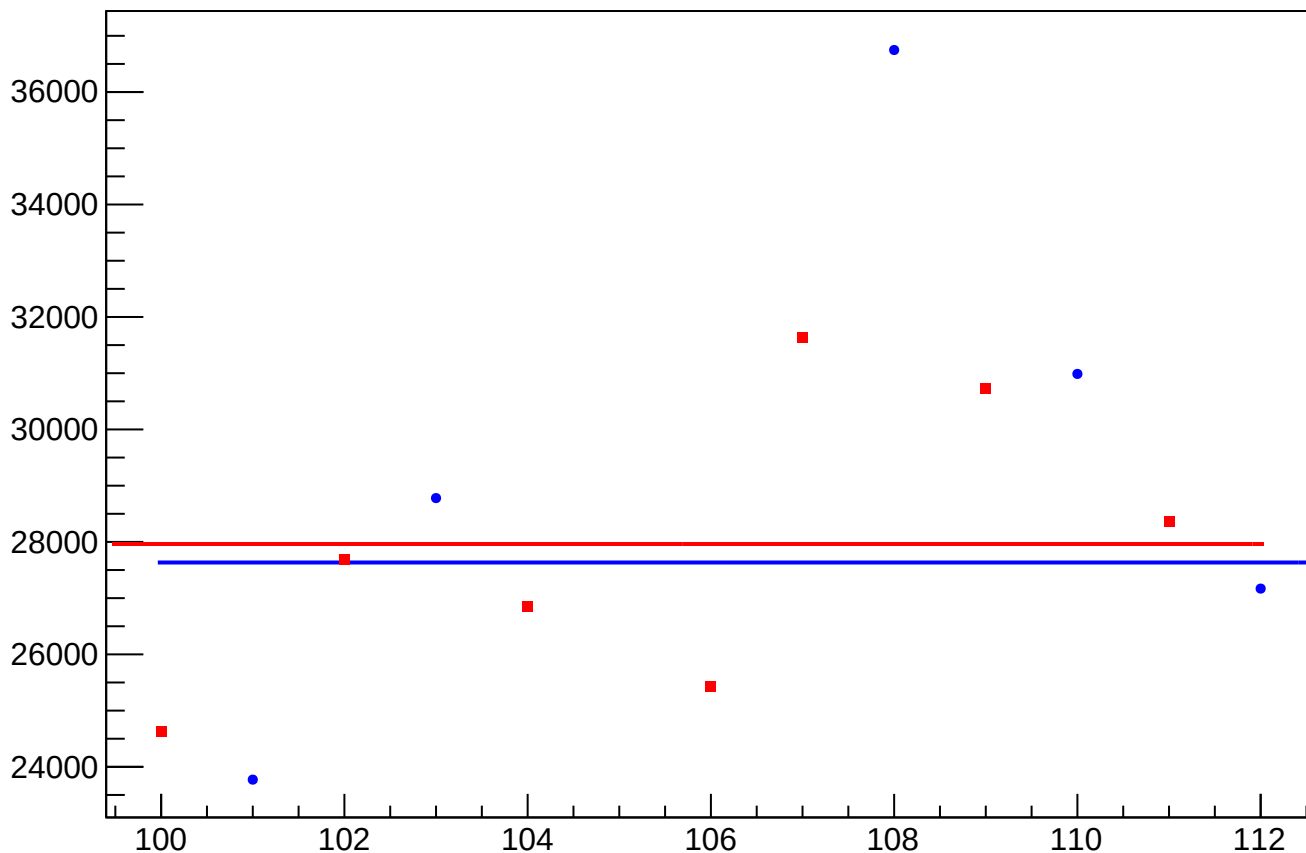
Right: -2.487 $\pm$ 12.140 χ^2 /NDF: 8.2/11

In: -24.759 $\pm$ 17.548 χ^2 /NDF:2.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.487 $\pm$ 12.140 χ^2 /NDF: 8.2/11

diff_bpmE_rms vs Slug, Sign Corrected



Right In: 27633.906+/-12.409 χ^2/NDF : 93966.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27962.870+/-11.887 χ^2/NDF : 26294.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

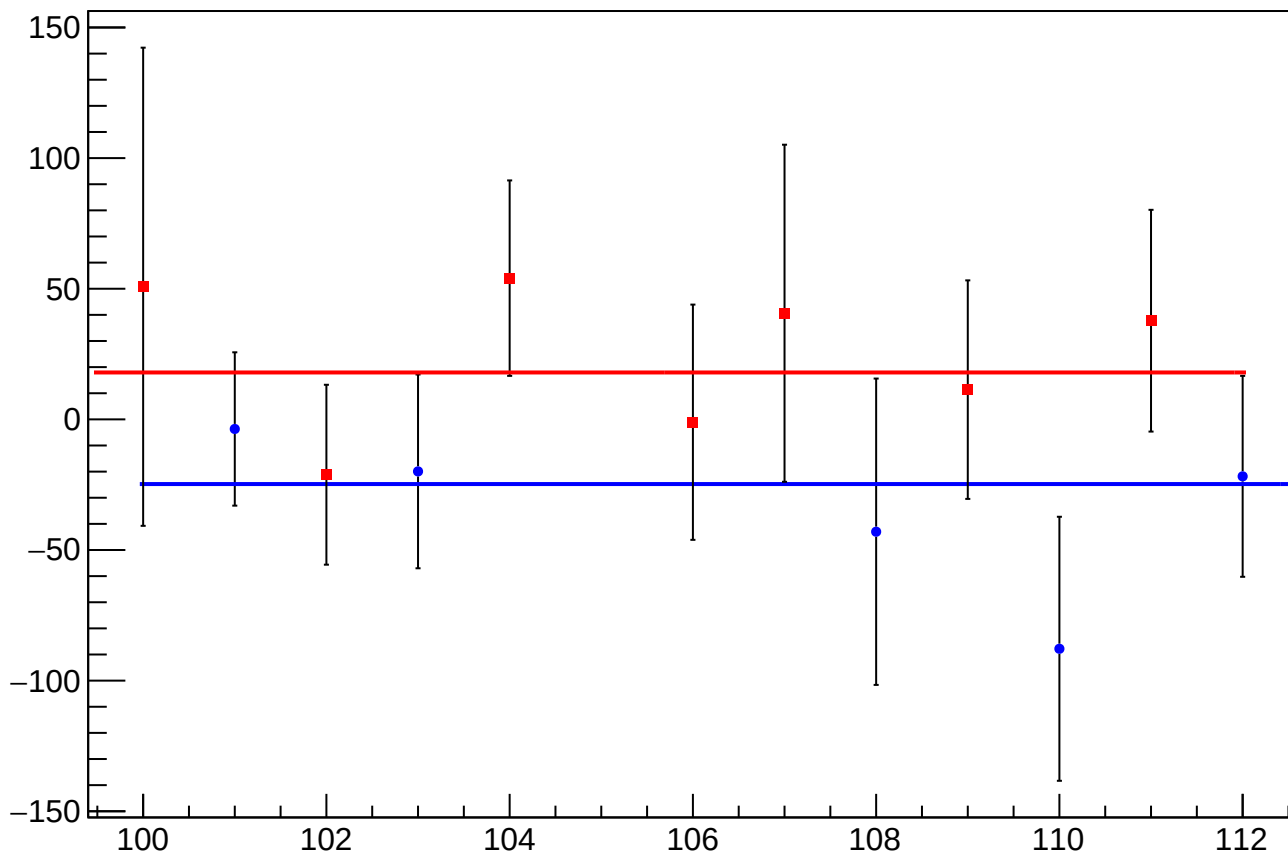
Right: 27805.442+/-8.584 χ^2/NDF : 120627.0/11

In: 27633.906+/-12.409 χ^2/NDF : 93966.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27805.442+/-8.584 χ^2/NDF : 120627.0/11

diff_bpmEX_mean vs Slug, Sign Corrected



Right In: -24.759 $\pm$ 17.548 χ^2 /NDF: 2.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 17.952 $\pm$ 16.811 χ^2 /NDF: 2.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

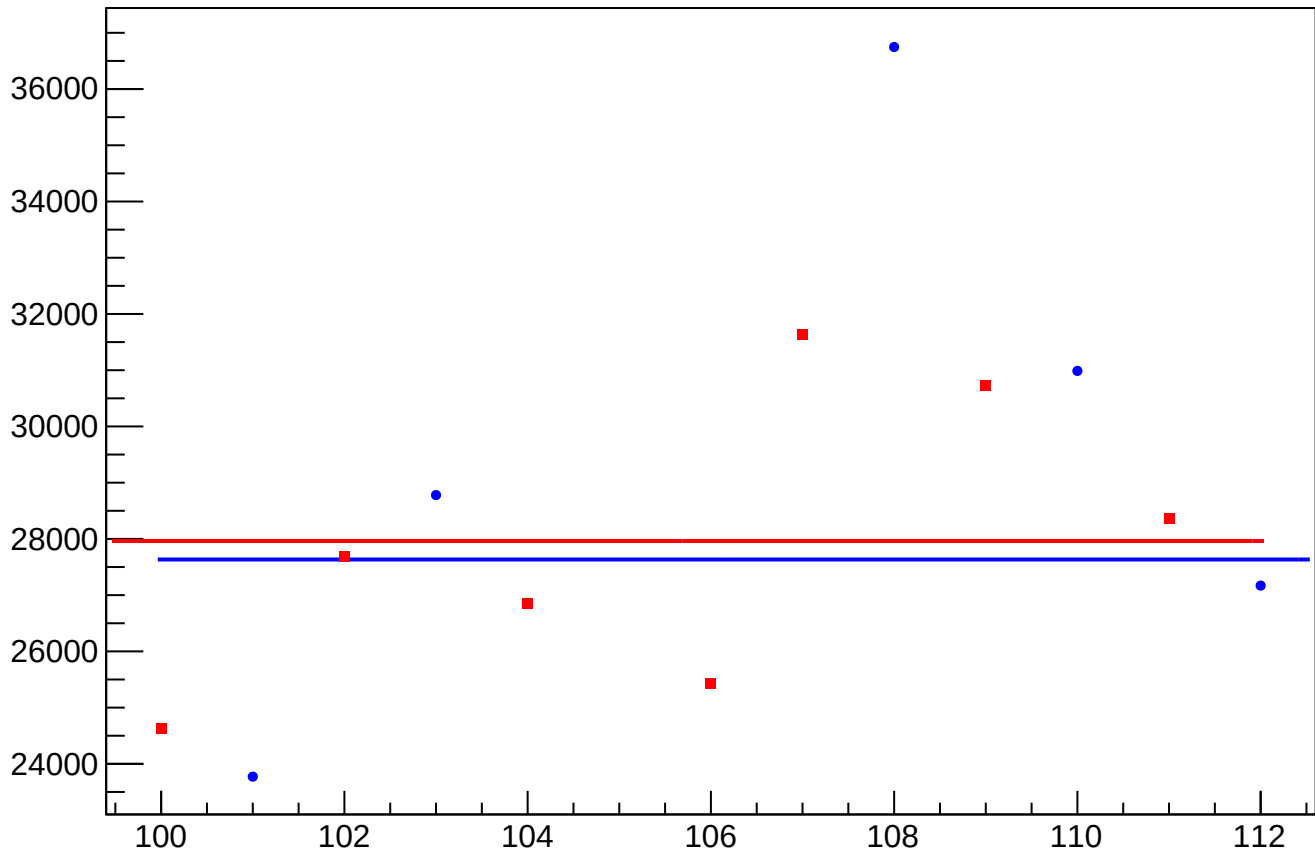
Right: -2.487 $\pm$ 12.140 χ^2 /NDF: 8.2/11

In: -24.759 $\pm$ 17.548 χ^2 /NDF:2.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.487 $\pm$ 12.140 χ^2 /NDF: 8.2/11

diff_bpmEX_rms vs Slug, Sign Corrected



Right In: 27633.906+/-12.409 χ^2/NDF : 93966.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27962.870+/-11.887 χ^2/NDF : 26294.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

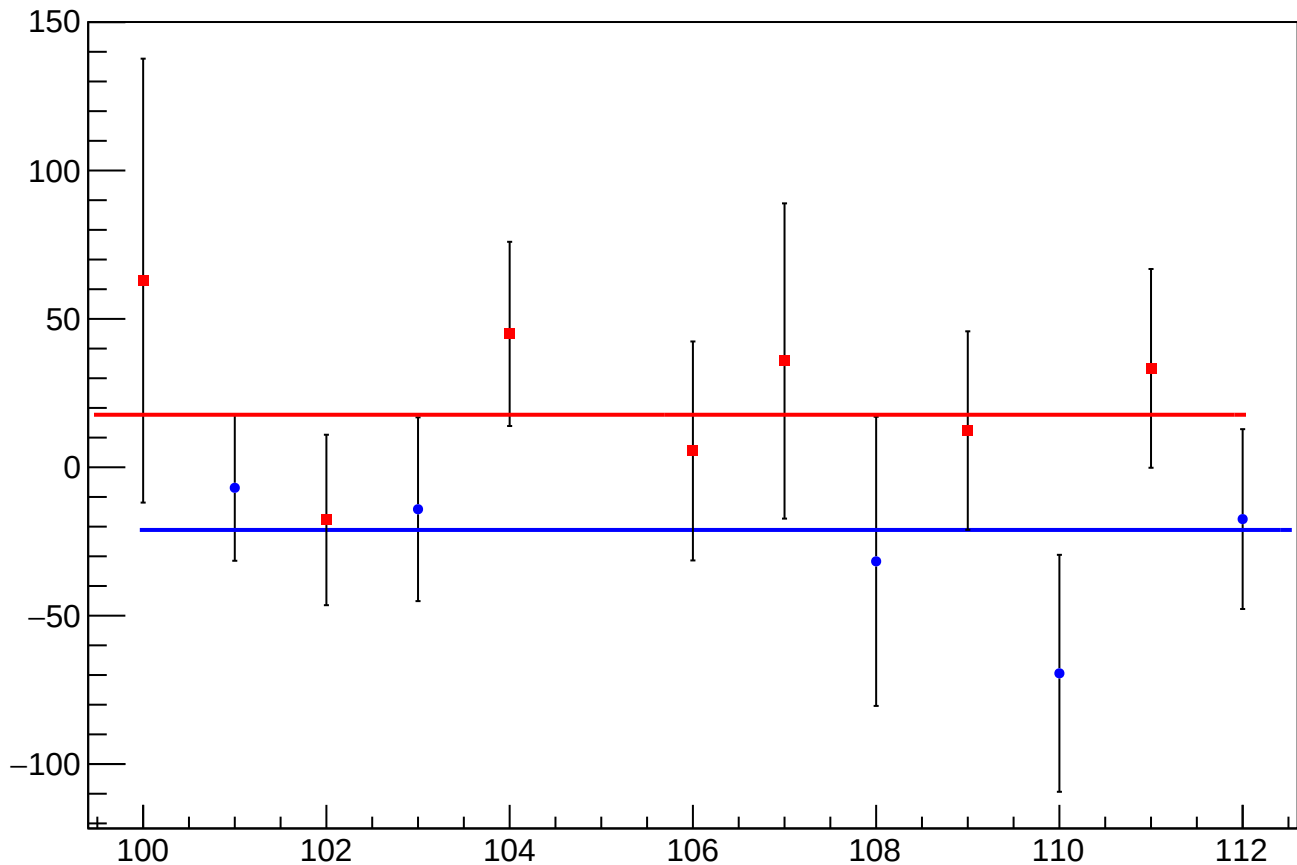
Right: 27805.442+/-8.584 χ^2/NDF : 120627.0/11

In: 27633.906+/-12.409 χ^2/NDF : 93966.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27805.442+/-8.584 χ^2/NDF : 120627.0/11

diff_bpmE_11X12X_mean vs Slug, Sign Corrected



Right In: -21.116 $\pm$ 14.381 χ^2 /NDF: 1.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 17.701 $\pm$ 13.731 χ^2 /NDF: 3.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

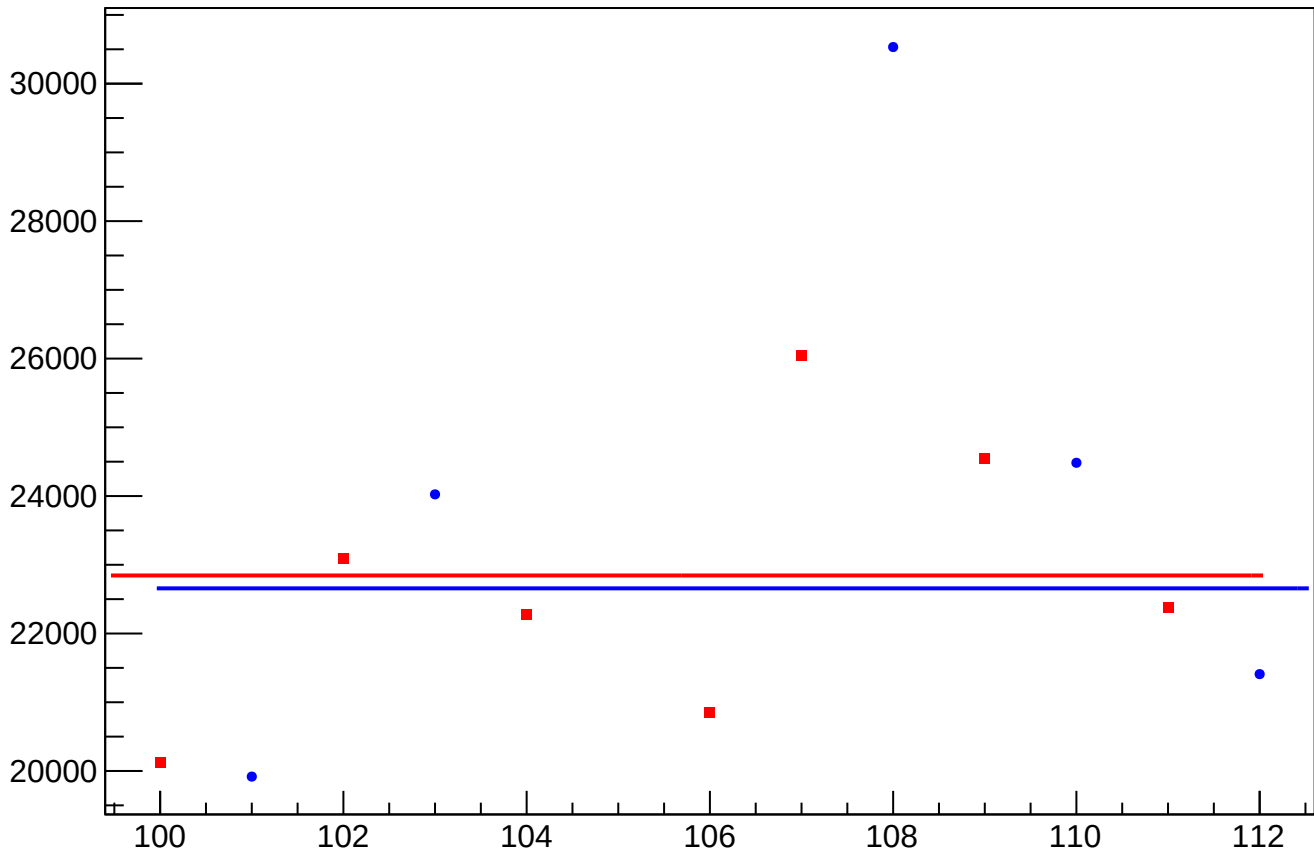
Right: -0.811 $\pm$ 9.931 χ^2 /NDF: 8.8/11

In: -21.116 $\pm$ 14.381 χ^2 /NDF:1.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.811 $\pm$ 9.931 χ^2 /NDF: 8.8/11

diff_bpmE_11X12X_rms vs Slug, Sign Corrected



Right In: 22657.088+/-10.169 χ^2/NDF : 88571.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22844.537+/-9.709 χ^2/NDF : 22144.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

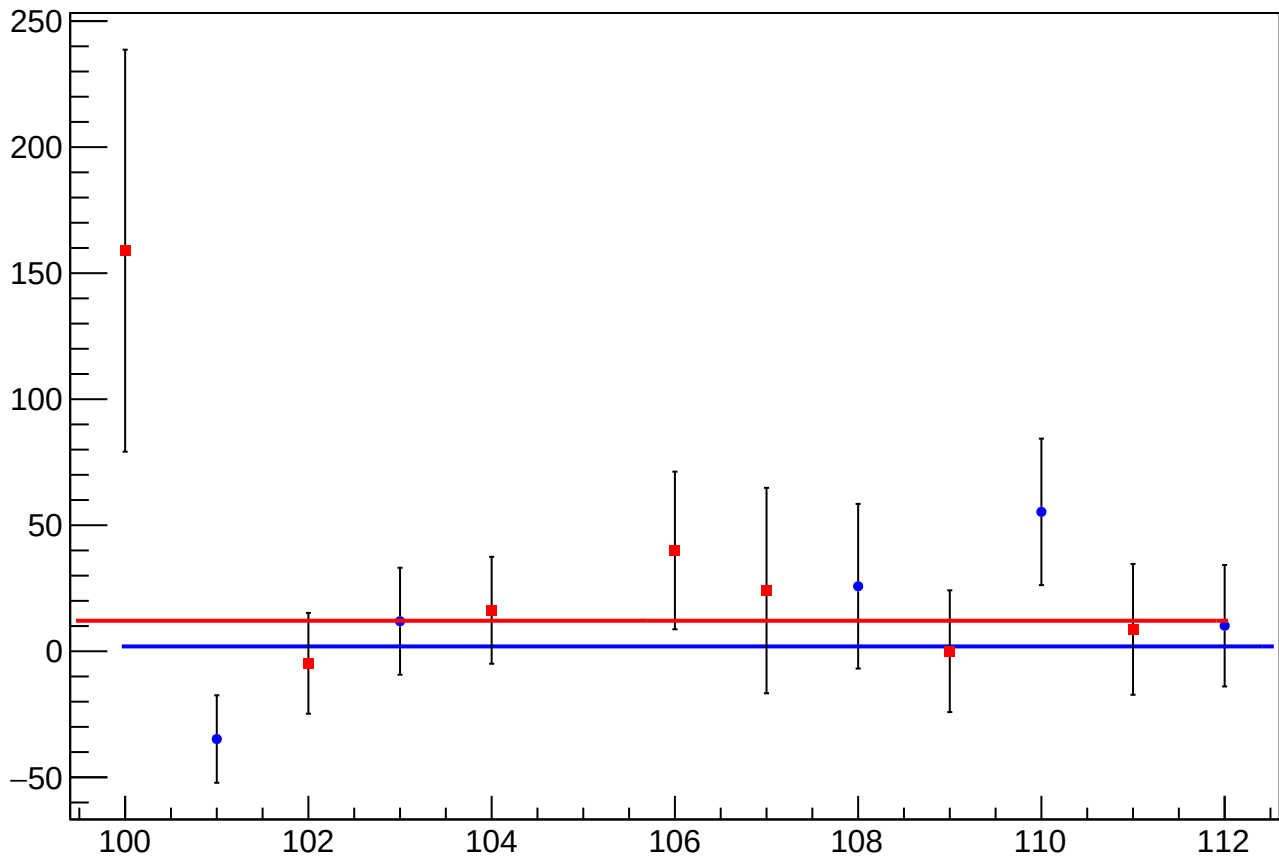
Right: 22755.142+/-7.022 χ^2/NDF : 110893.2/11

In: 22657.088+/-10.169 χ^2/NDF : 88571.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22755.142+/-7.022 χ^2/NDF : 110893.2/11

diff_bpm4aesumX_mean vs Slug, Sign Corrected



Right In: 1.924+/-10.324 χ^2/NDF : 8.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.111+/-10.152 χ^2/NDF : 5.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

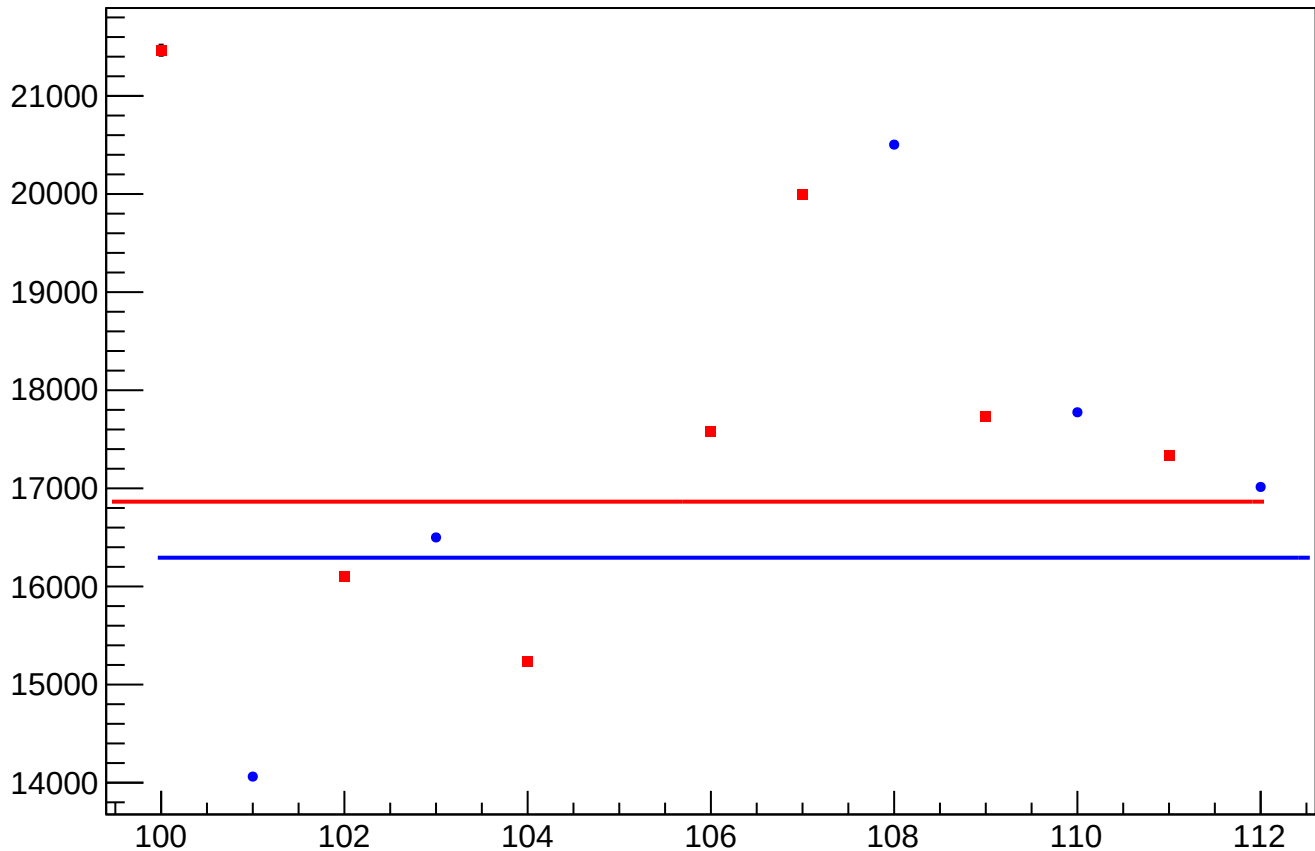
Right: 7.103+/-7.238 χ^2/NDF : 14.5/11

In: 1.924+/-10.324 χ^2/NDF : 8.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.103+/-7.238 χ^2/NDF : 14.5/11

diff_bpm4aesumX_rms vs Slug, Sign Corrected



Right In: 16293.201 $\pm$ 7.300 χ^2/NDF : 73432.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 16864.408 $\pm$ 7.179 χ^2/NDF : 37367.5/6

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

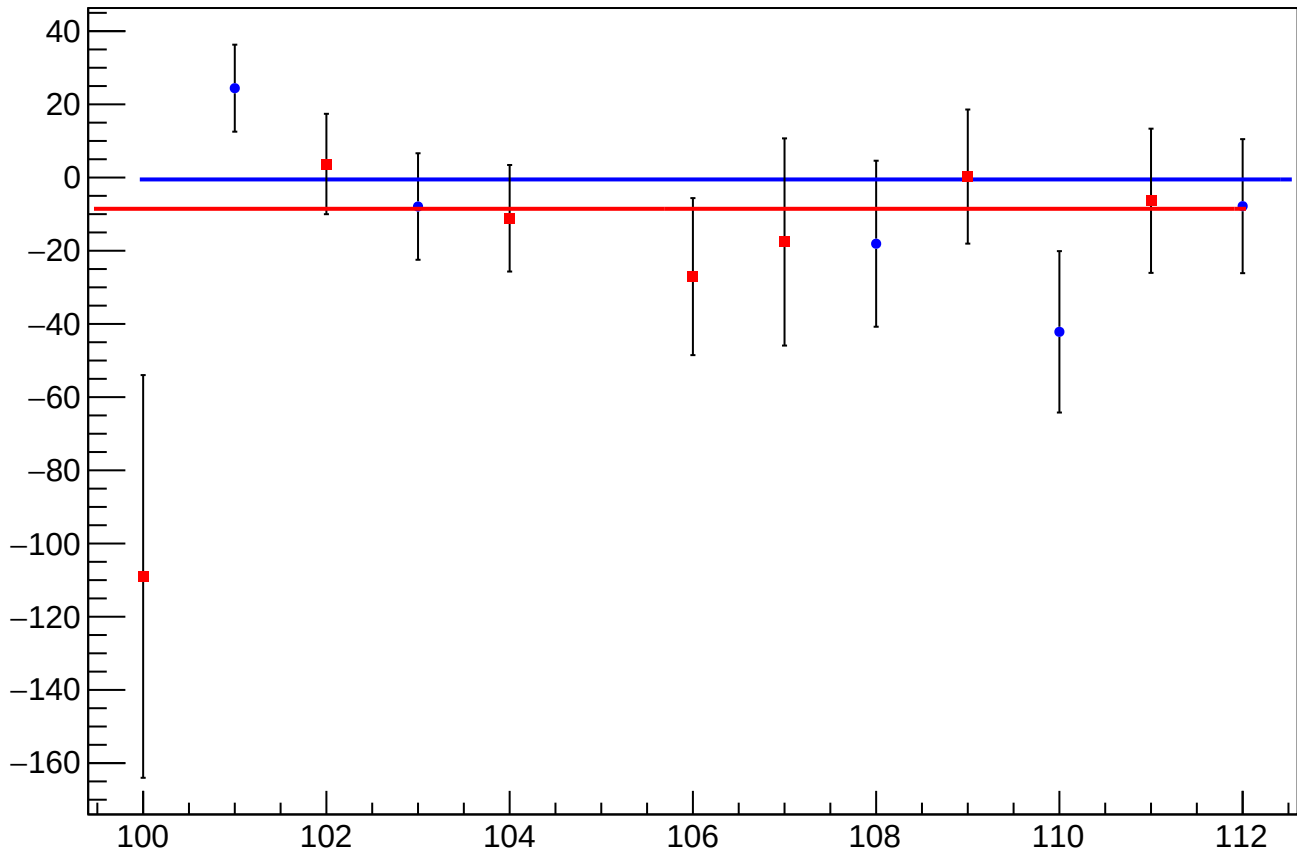
Right: 16583.591 $\pm$ 5.118 χ^2/NDF : 113912.8/11

In: 16293.201 $\pm$ 7.300 χ^2/NDF : 73432.5/4

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 16583.591 $\pm$ 5.118 χ^2/NDF : 113912.8/11

diff_bpm4aediffX_mean vs Slug, Sign Corrected



Right In: -0.519+/-7.297 χ^2 /NDF: 9.0/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -8.540+/-7.190 χ^2 /NDF: 5.3/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

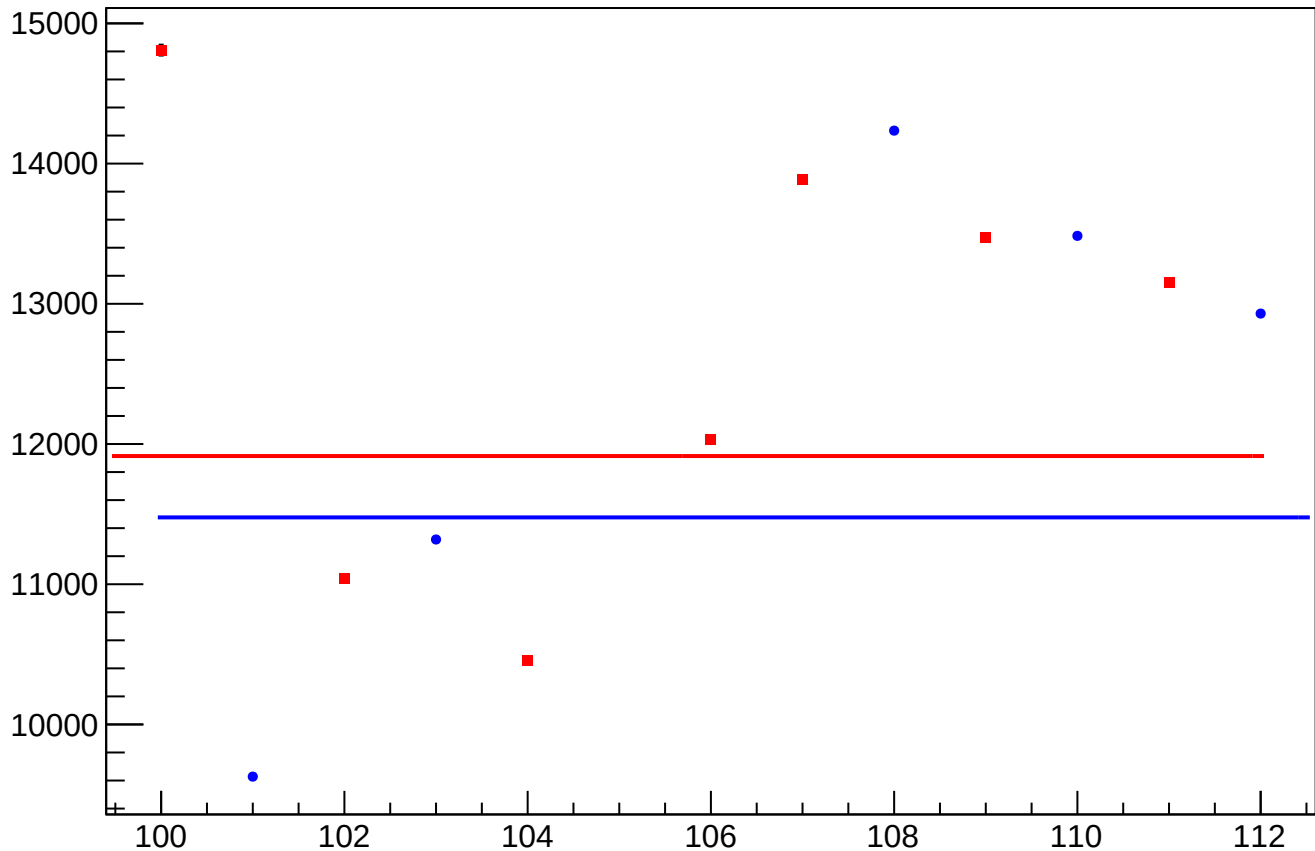
Right: -4.588+/-5.121 χ^2 /NDF: 14.9/11

In: -0.519+/-7.297 χ^2 /NDF:9.0/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -4.588+/-5.121 χ^2 /NDF: 14.9/11

diff_bpm4aediX_rms vs Slug, Sign Corrected



Right In: 11476.644+/-5.159 χ^2/NDF : 107385.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11914.283+/-5.084 χ^2/NDF : 65934.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

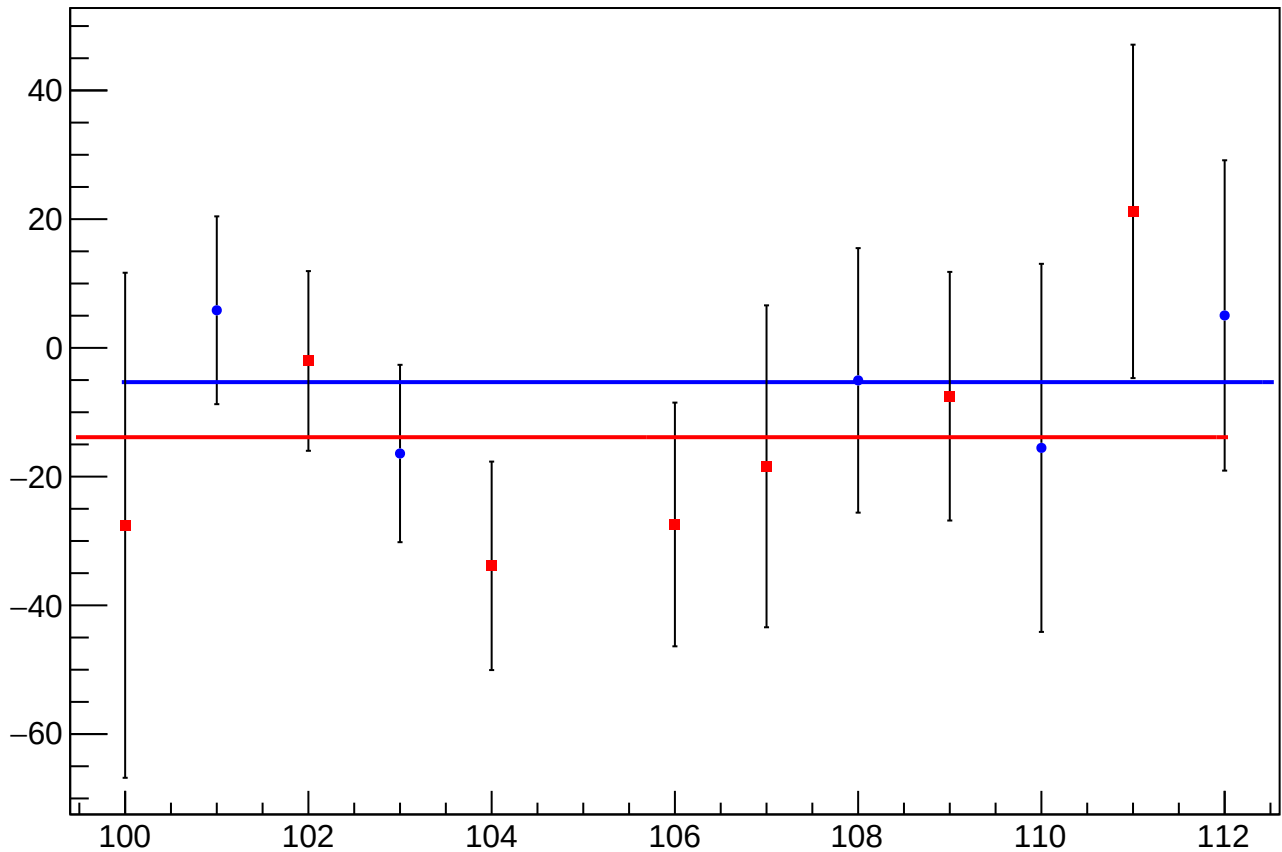
Right: 11698.677+/-3.621 χ^2/NDF : 176970.2/11

In: 11476.644+/-5.159 χ^2/NDF : 107385.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11698.677+/-3.621 χ^2/NDF : 176970.2/11

diff_bpm4aesumY_mean vs Slug, Sign Corrected



Right In: -5.320+/-8.090 χ^2/NDF : 1.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.875+/-7.422 χ^2/NDF : 4.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

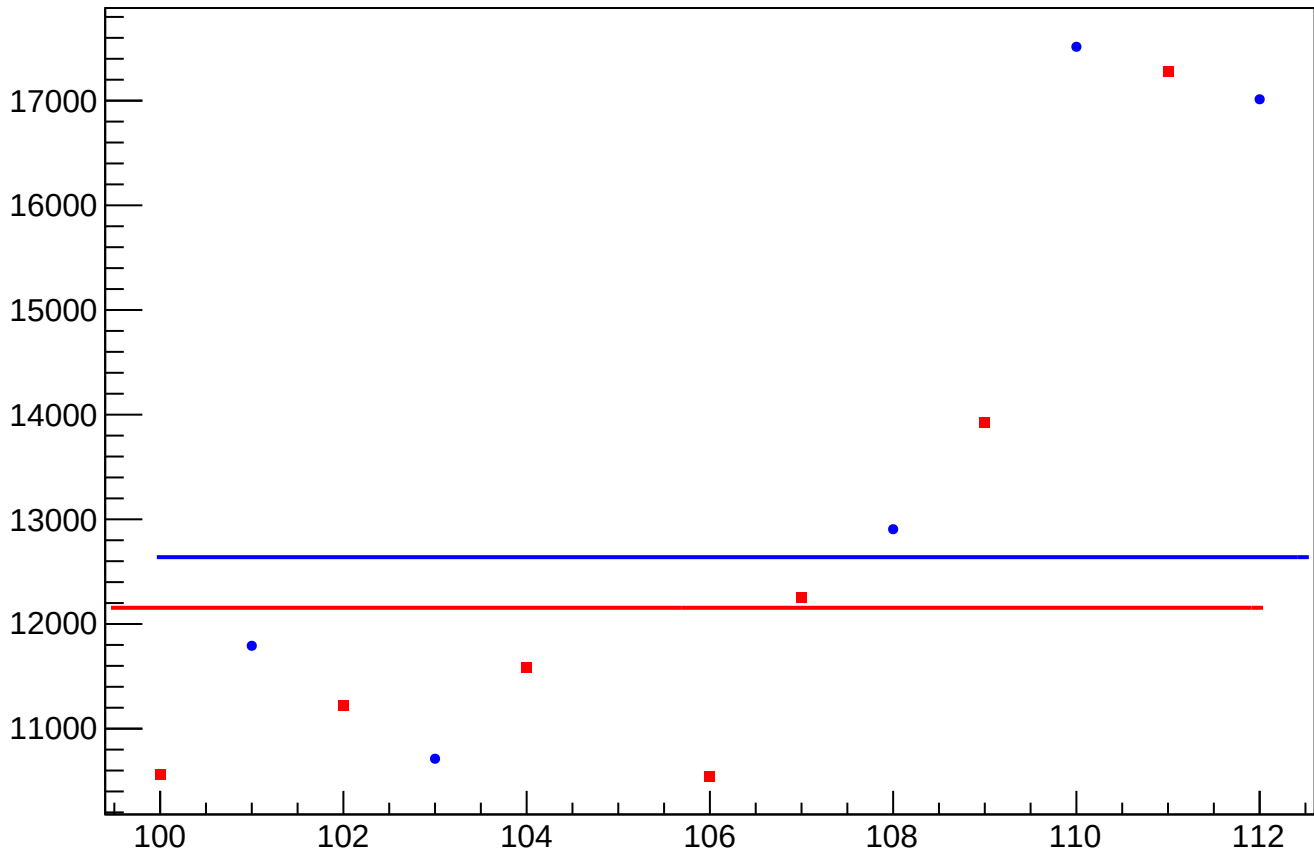
Right: -9.966+/-5.469 χ^2/NDF : 7.0/11

In: -5.320+/-8.090 χ^2/NDF : 1.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.966+/-5.469 χ^2/NDF : 7.0/11

diff_bpm4aesumY_rms vs Slug, Sign Corrected



Right In: 12638.538+/-5.721 χ^2/NDF : 170169.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12154.980+/-5.248 χ^2/NDF : 124321.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

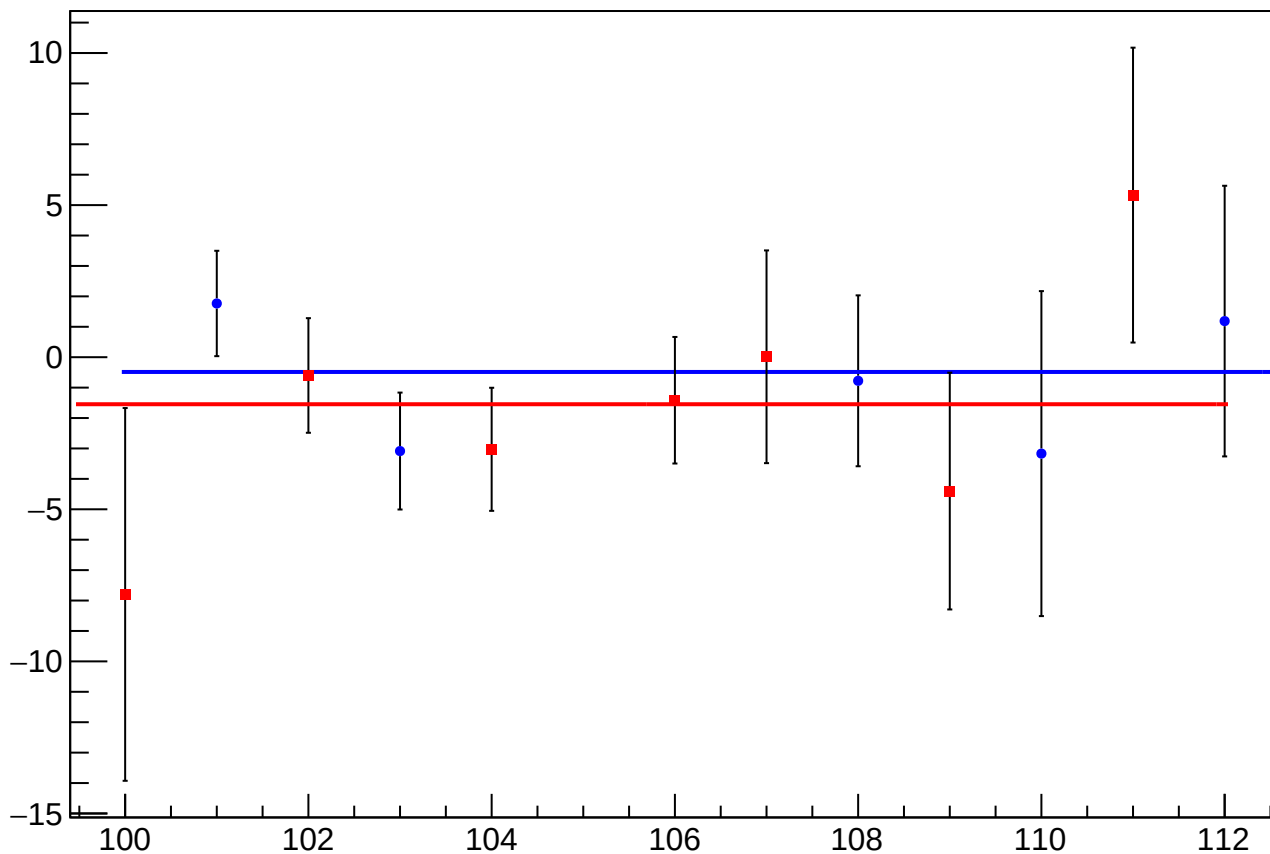
Right: 12375.955+/-3.867 χ^2/NDF : 298371.6/11

In: 12638.538+/-5.721 χ^2/NDF : 170169.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12375.955+/-3.867 χ^2/NDF : 298371.6/11

diff_bpm4aediY_mean vs Slug, Sign Corrected



Right In: -0.485 ± 1.107 χ^2/NDF : 3.9/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.546 ± 1.013 χ^2/NDF : 4.6/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

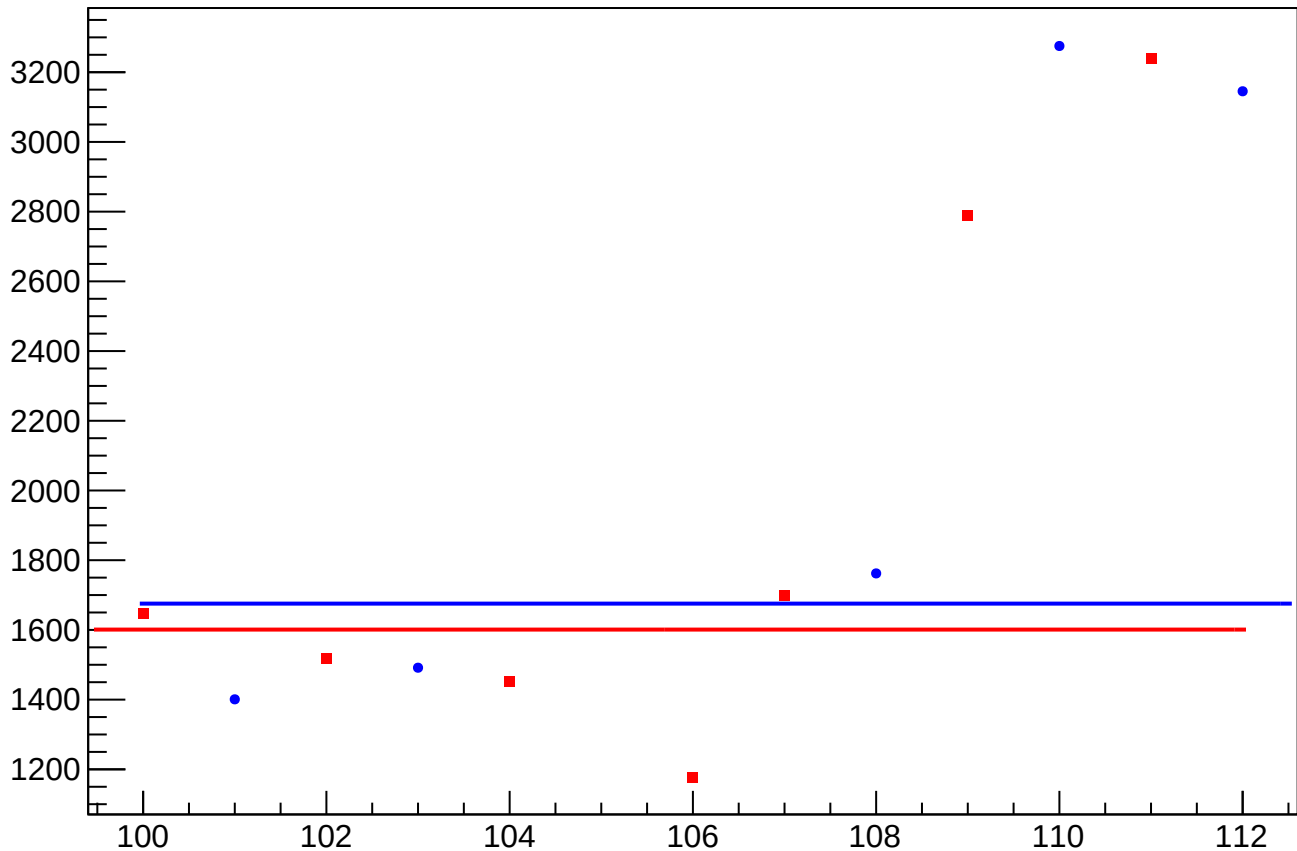
Right: -1.062 ± 0.747 χ^2/NDF : 9.0/11

In: -0.485 ± 1.107 χ^2/NDF : 3.9/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.062 ± 0.747 χ^2/NDF : 9.0/11

diff_bpm4aediY_rms vs Slug, Sign Corrected



Right In: 1675.435+/-0.783 χ^2/NDF : 468218.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1600.953+/-0.716 χ^2/NDF : 514245.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

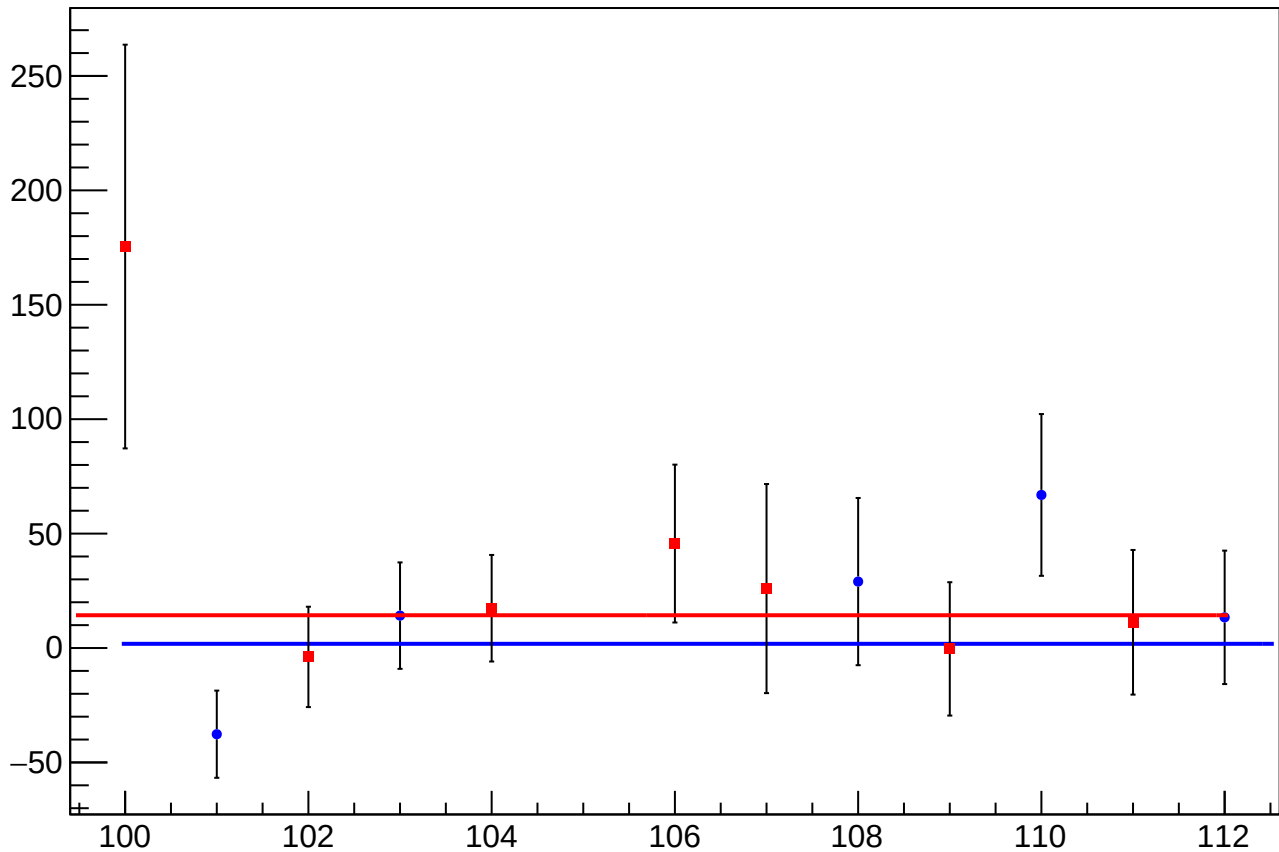
Right: 1634.914+/-0.528 χ^2/NDF : 987392.8/11

In: 1675.435+/-0.783 χ^2/NDF : 468218.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1634.914+/-0.528 χ^2/NDF : 987392.8/11

diff_bpmtargetsumX_mean vs Slug, Sign Corrected



Right In: 1.837+/-11.681 χ^2/NDF : 8.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.326+/-11.509 χ^2/NDF : 5.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

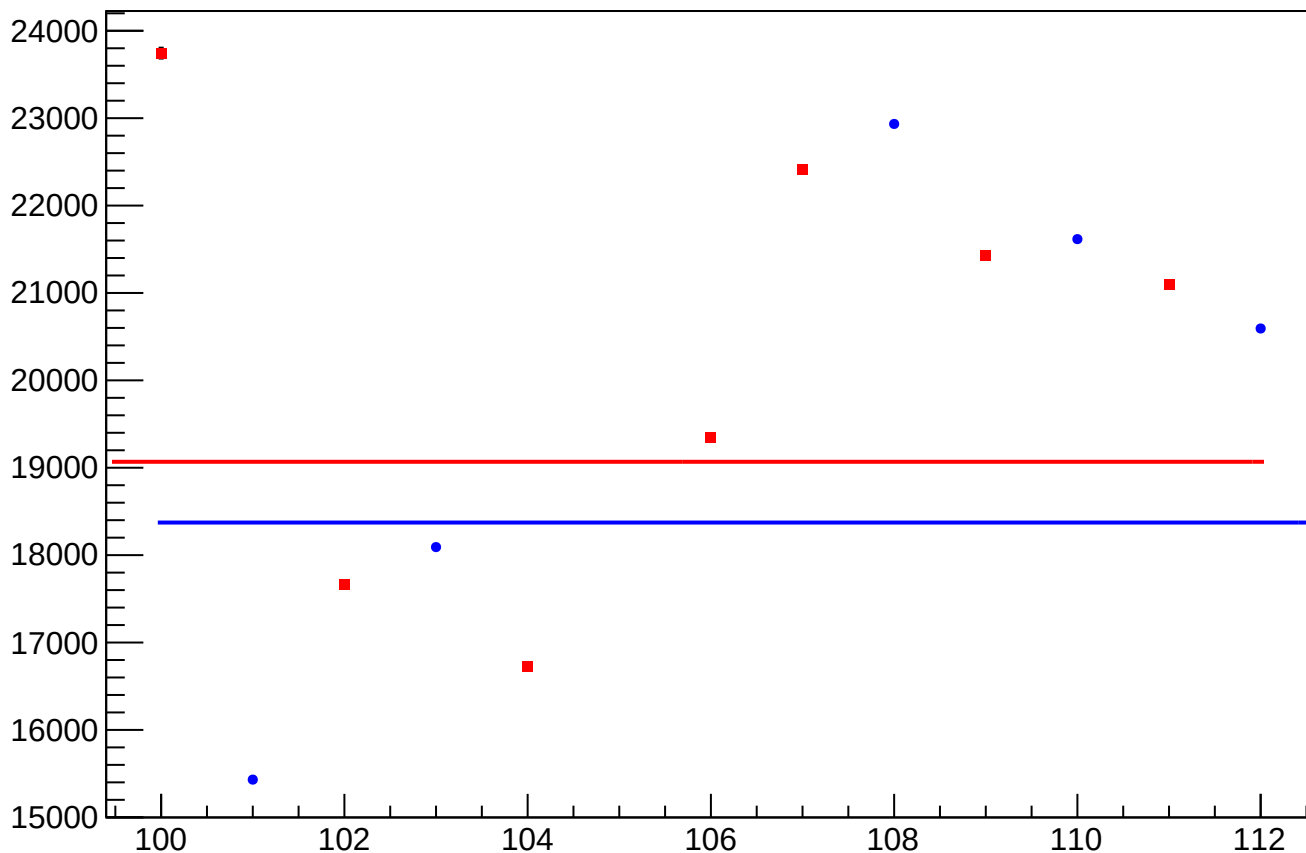
Right: 8.174+/-8.198 χ^2/NDF : 14.5/11

In: 1.837+/-11.681 χ^2/NDF : 8.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.174+/-8.198 χ^2/NDF : 14.5/11

diff_bpmtargetsumX_rms vs Slug, Sign Corrected



Right In: 18372.962 $\pm$ 8.260 χ^2 /NDF: 107566.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 19068.273 $\pm$ 8.138 χ^2 /NDF: 66356.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

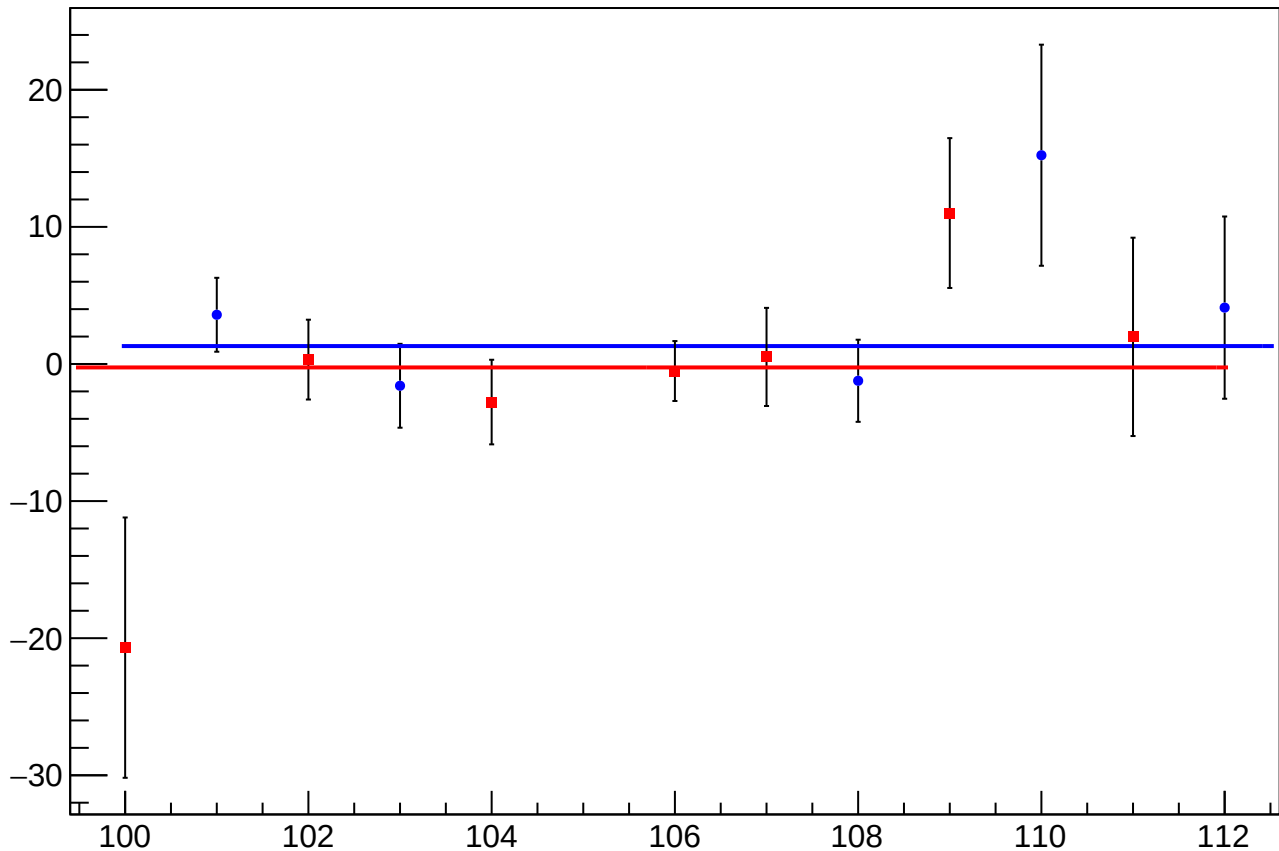
Right: 18725.782 $\pm$ 5.797 χ^2 /NDF: 177519.0/11

In: 18372.962 $\pm$ 8.260 χ^2 /NDF:107566.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 18725.782 $\pm$ 5.797 χ^2 /NDF: 177519.0/11

diff_bpmtargetdiffX_mean vs Slug, Sign Corrected



Right In: 1.307+/-1.593 χ^2/NDF : 5.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.252+/-1.320 χ^2/NDF : 9.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

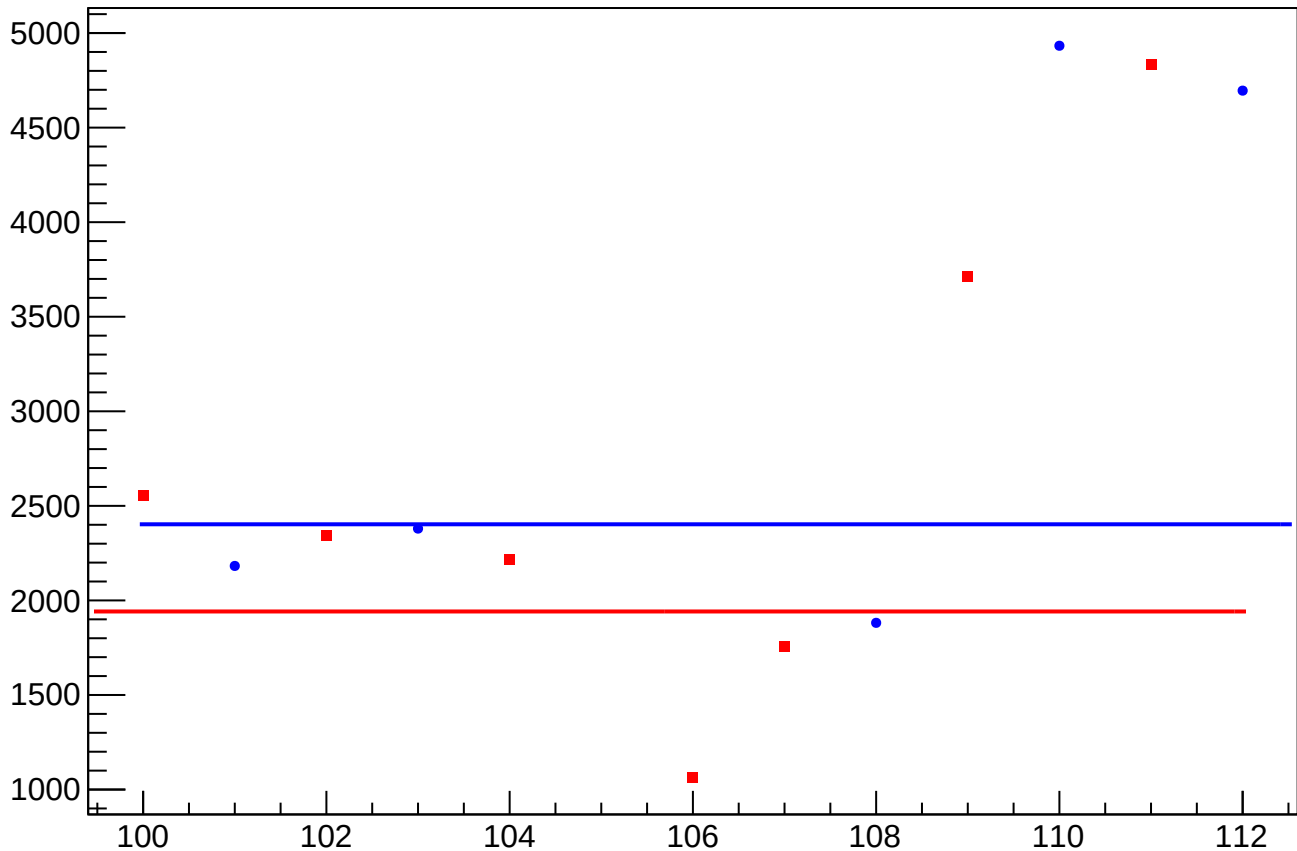
Right: 0.383+/-1.016 χ^2/NDF : 15.8/11

In: 1.307+/-1.593 χ^2/NDF : 5.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.383+/-1.016 χ^2/NDF : 15.8/11

diff_bpmtargetdiffX_rms vs Slug, Sign Corrected



Right In: 2402.557+/-1.127 χ^2/NDF : 508981.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1941.561+/-0.933 χ^2/NDF : 920992.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

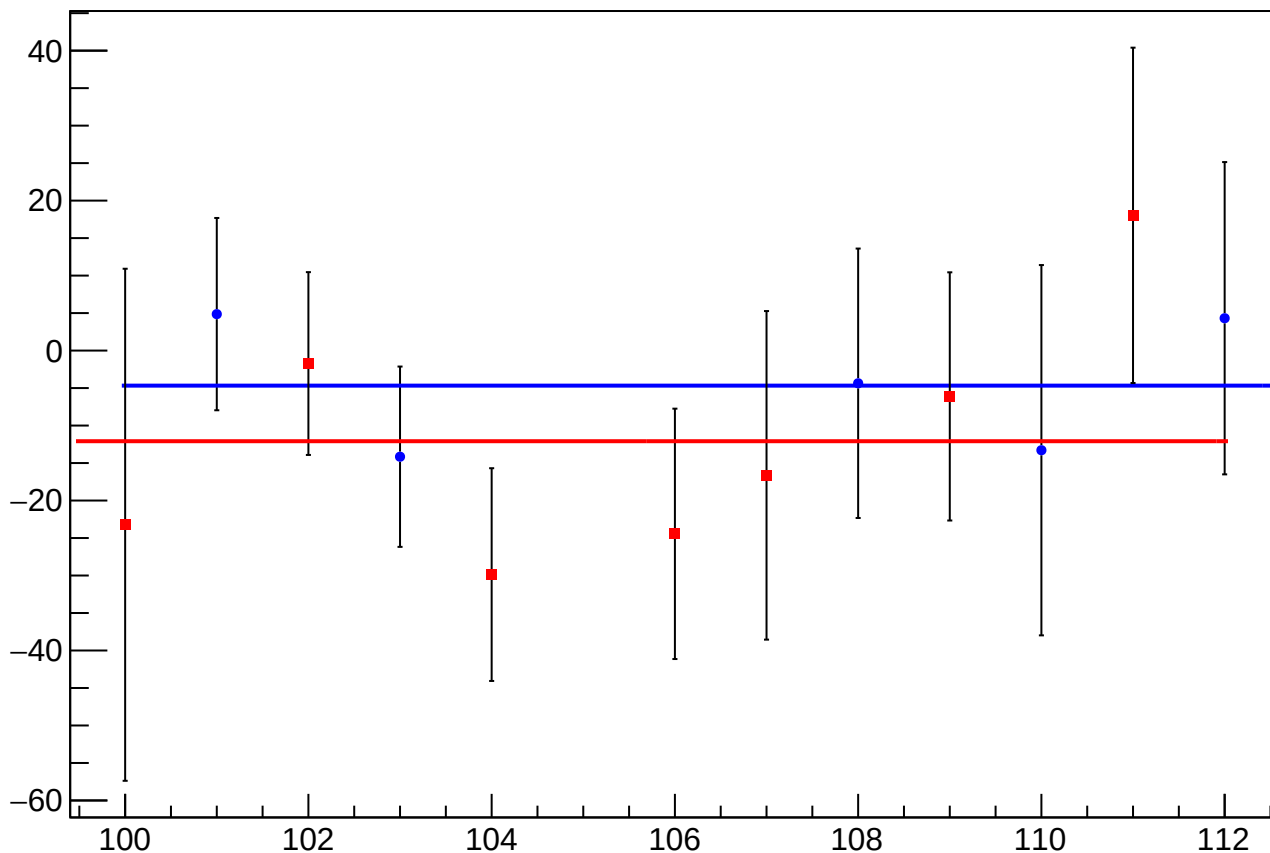
Right: 2129.170+/-0.719 χ^2/NDF : 1529281.3/11

In: 2402.557+/-1.127 χ^2/NDF : 508981.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2129.170+/-0.719 χ^2/NDF : 1529281.3/11

diff_bpmtargetsumY_mean vs Slug, Sign Corrected



Right In: -4.675+/-7.064 χ^2/NDF : 1.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.088+/-6.472 χ^2/NDF : 4.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

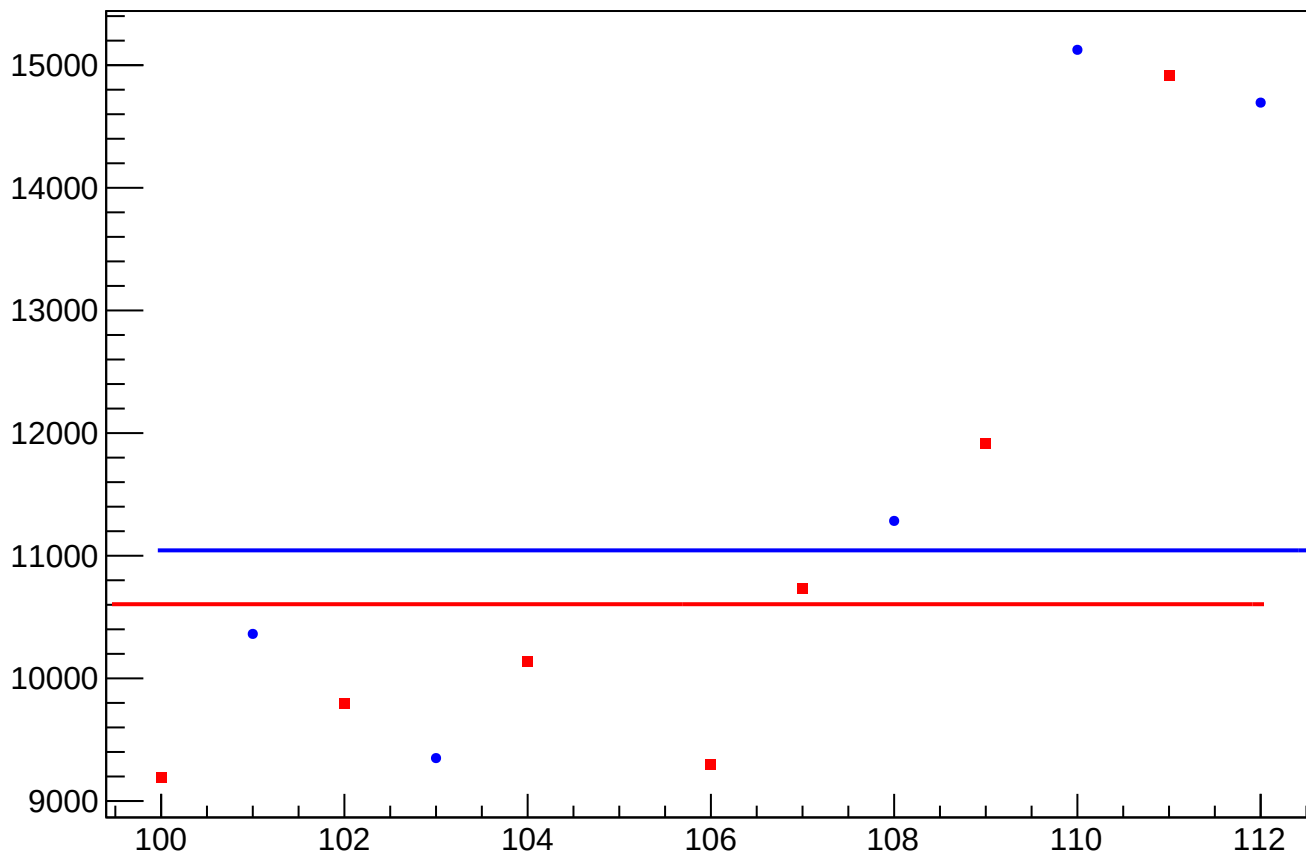
Right: -8.705+/-4.772 χ^2/NDF : 7.0/11

In: -4.675+/-7.064 χ^2/NDF : 1.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.705+/-4.772 χ^2/NDF : 7.0/11

diff_bpmtargetsumY_rms vs Slug, Sign Corrected



Right In: 11043.809+/-4.995 χ^2/NDF : 161786.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10604.790+/-4.576 χ^2/NDF : 113541.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

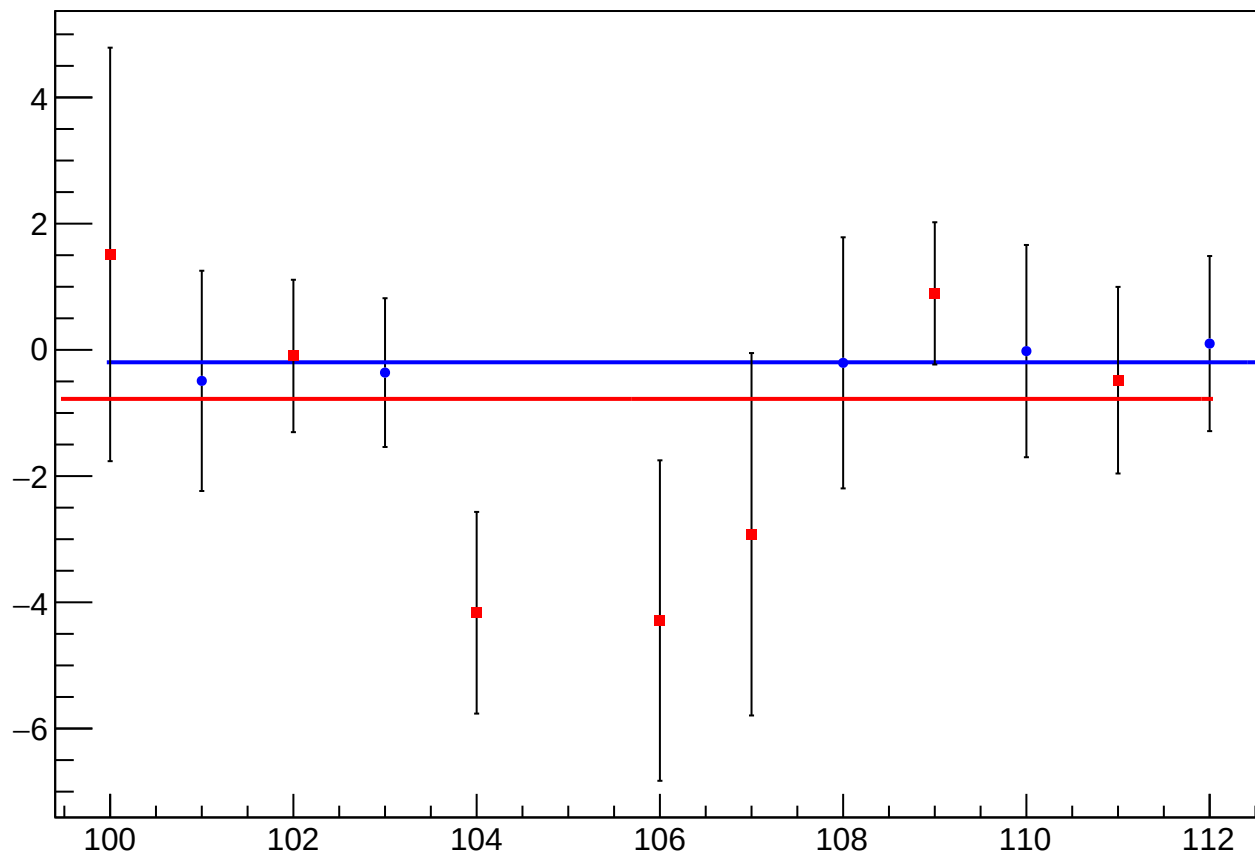
Right: 10805.130+/-3.374 χ^2/NDF : 279527.8/11

In: 11043.809+/-4.995 χ^2/NDF : 161786.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10805.130+/-3.374 χ^2/NDF : 279527.8/11

diff_bpmtargetdiffY_mean vs Slug, Sign Corrected



Right In: -0.197+/-0.678 χ^2/NDF : 0.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.777+/-0.609 χ^2/NDF : 10.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

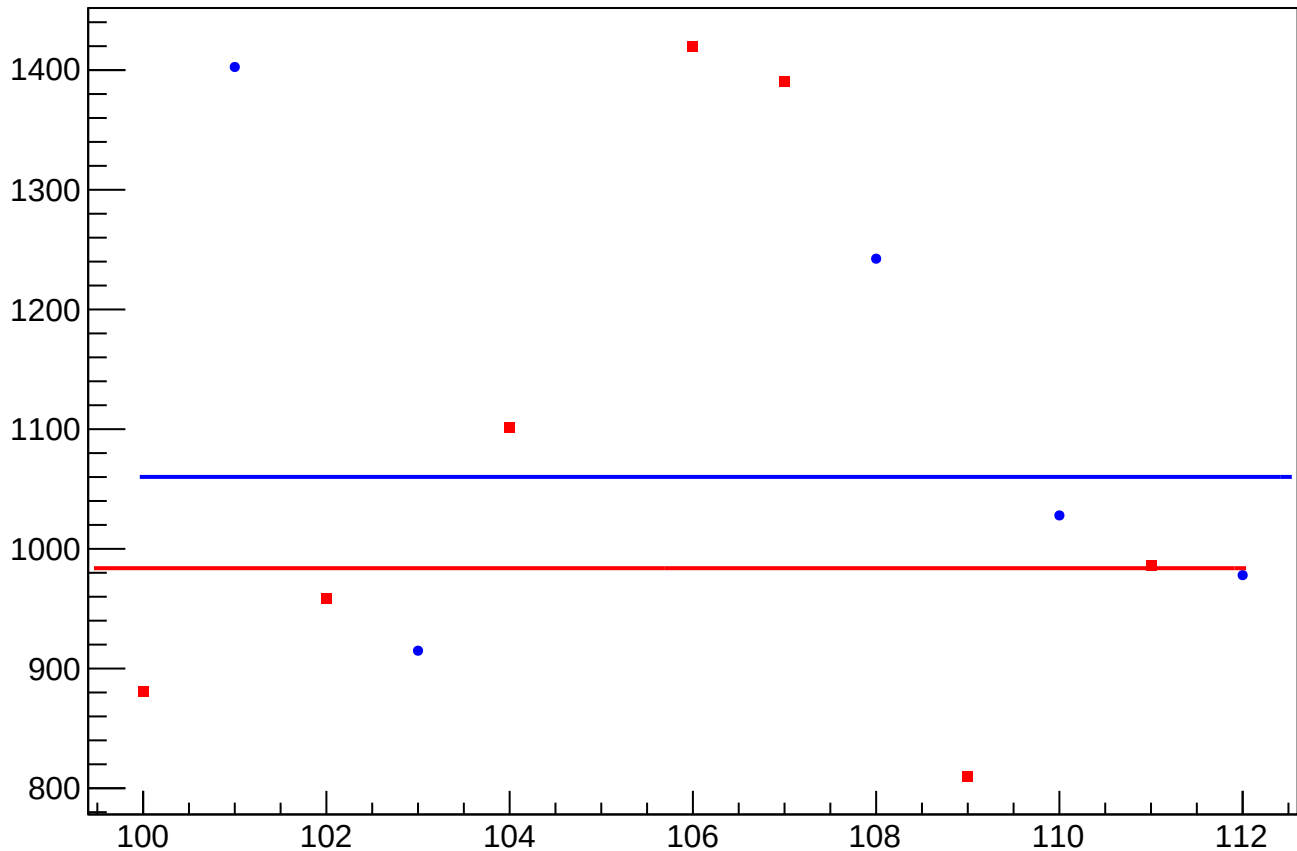
Right: -0.518+/-0.453 χ^2/NDF : 10.5/11

In: -0.197+/-0.678 χ^2/NDF : 0.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.518+/-0.453 χ^2/NDF : 10.5/11

diff_bpmtargetdiffY_rms vs Slug, Sign Corrected



Right In: 1060.120+/-0.480 χ^2/NDF : 131930.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 983.839+/-0.431 χ^2/NDF : 160628.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

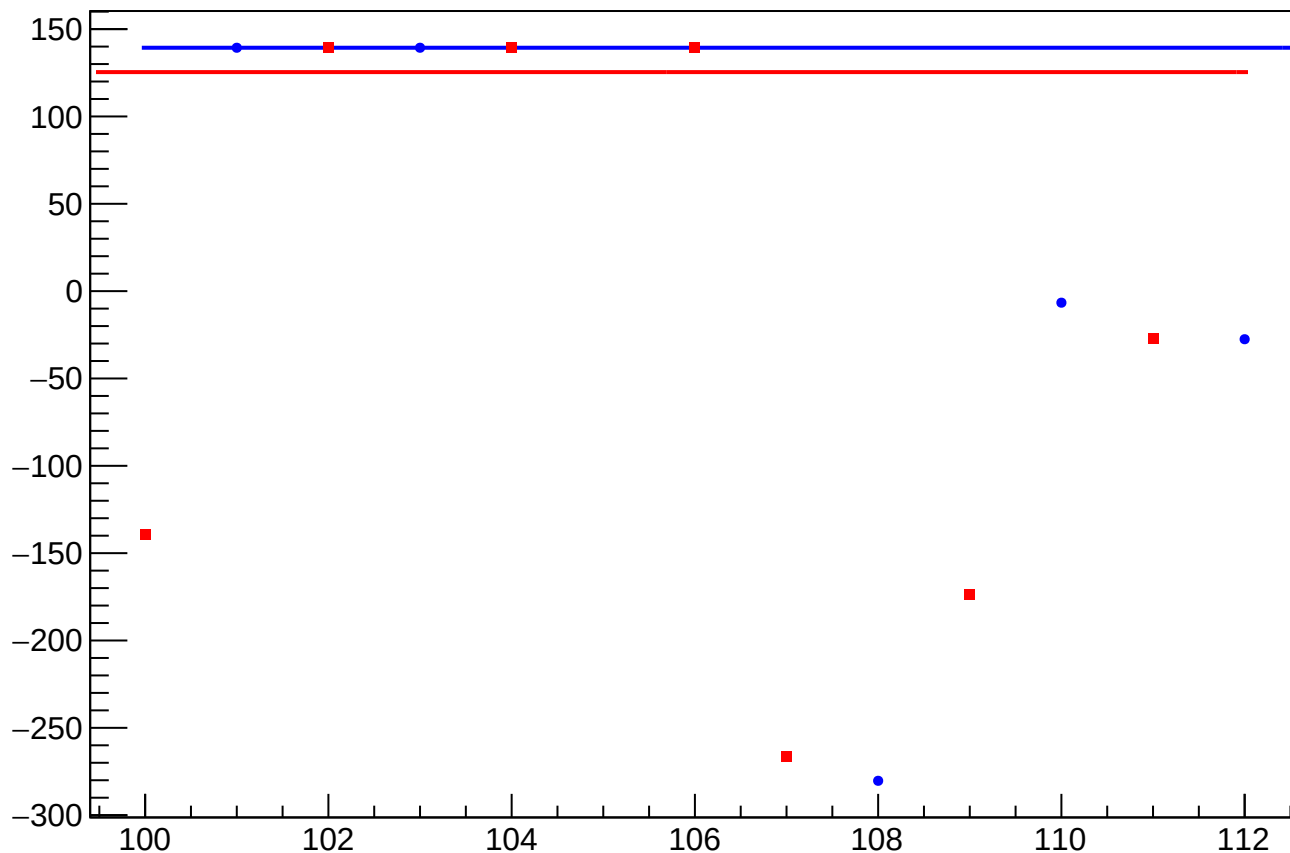
Right: 1017.918+/-0.321 χ^2/NDF : 306555.1/11

In: 1060.120+/-0.480 χ^2/NDF : 131930.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

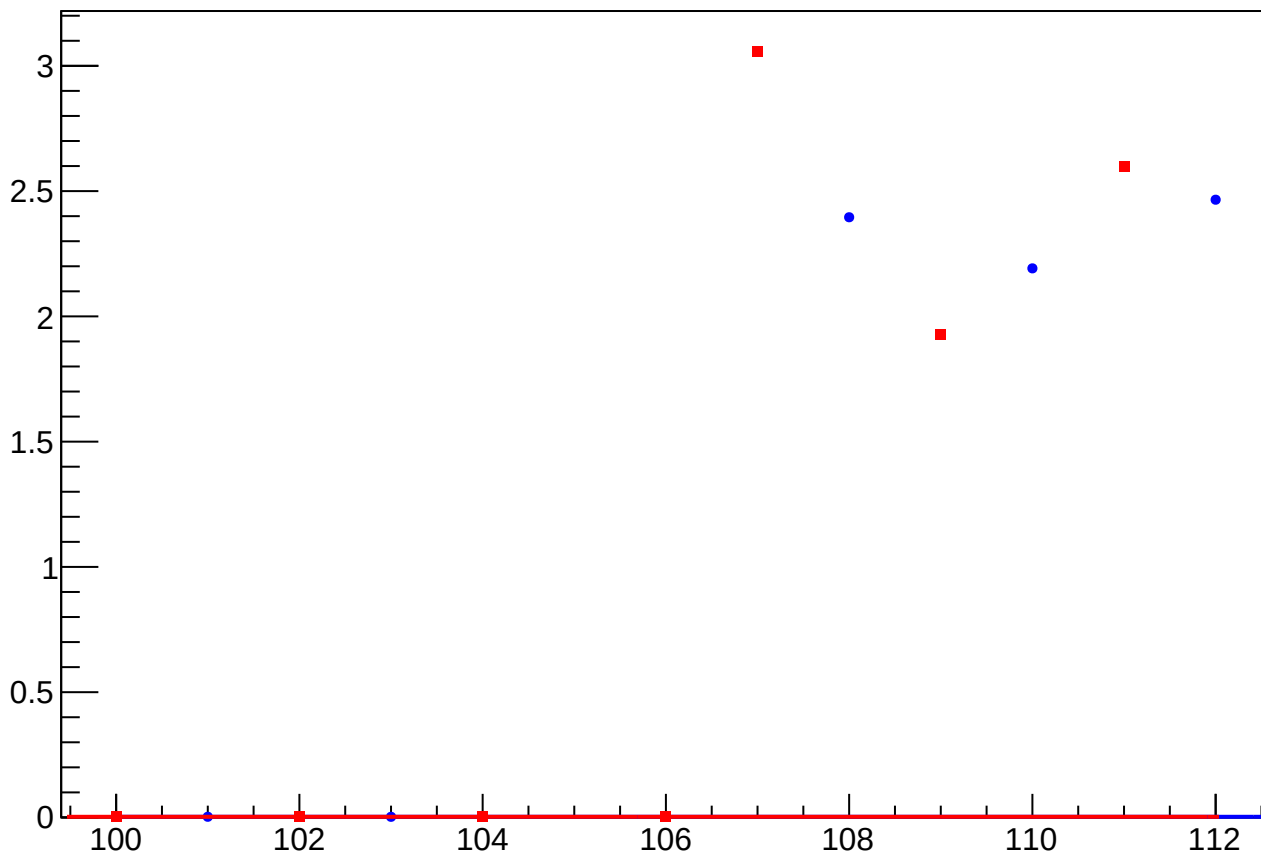
All: 1017.918+/-0.321 χ^2/NDF : 306555.1/11

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 139.338 $\pm$ 0.000 χ^2 /NDF: 12621208307.0/4
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 125.393 $\pm$ 0.000 χ^2 /NDF: 774143189720607.1/6
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 131.819 $\pm$ 0.000 χ^2 /NDF: 792941068378307.0/4
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 131.819 $\pm$ 0.000 χ^2 /NDF: 792941068378307.0/4
 In: 139.338 $\pm$ 0.000 χ^2 /NDF: 12621208307.0/4
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 2084962.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1917433.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

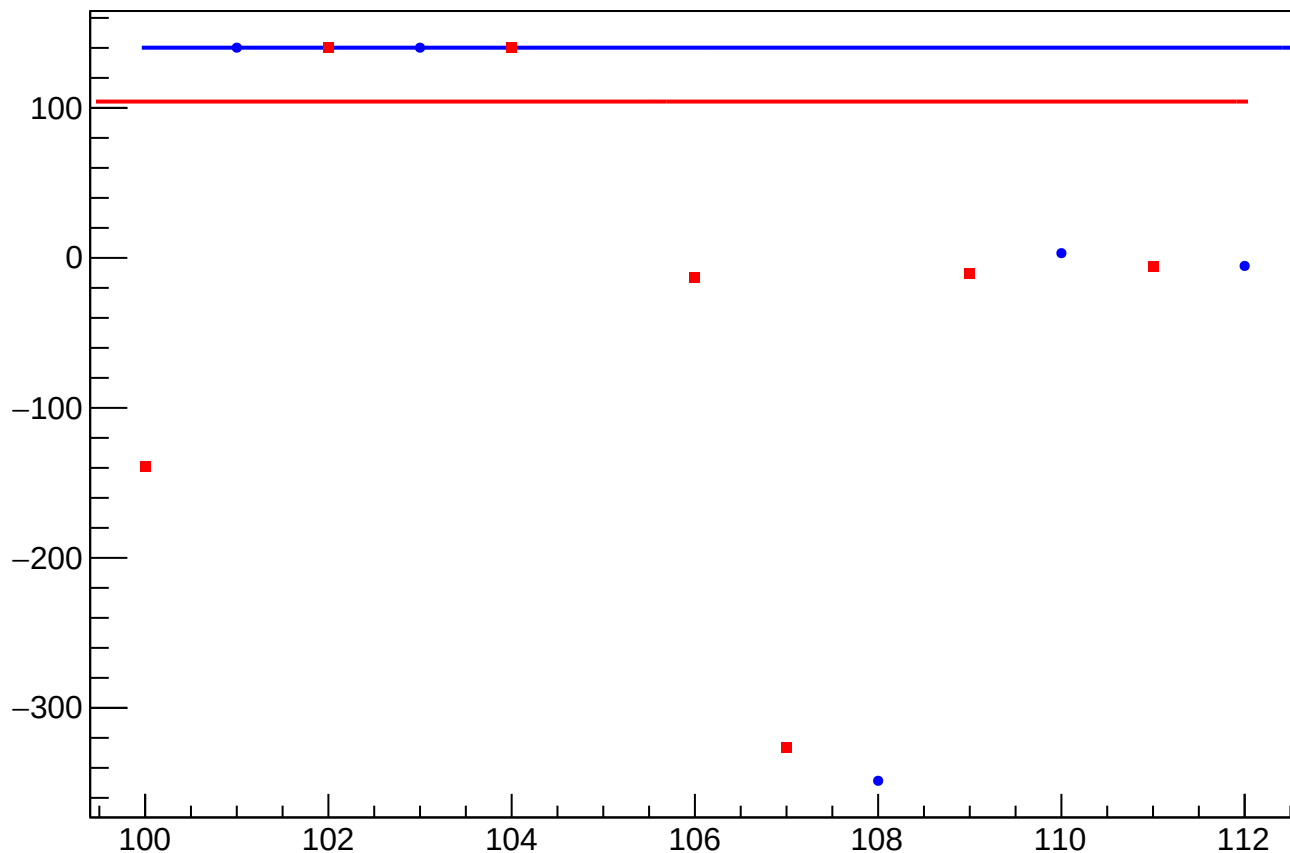
Right: 0.003+/-0.000 χ^2/NDF : 4002560.0/11

In: 0.003+/-0.000 χ^2/NDF : 2084962.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

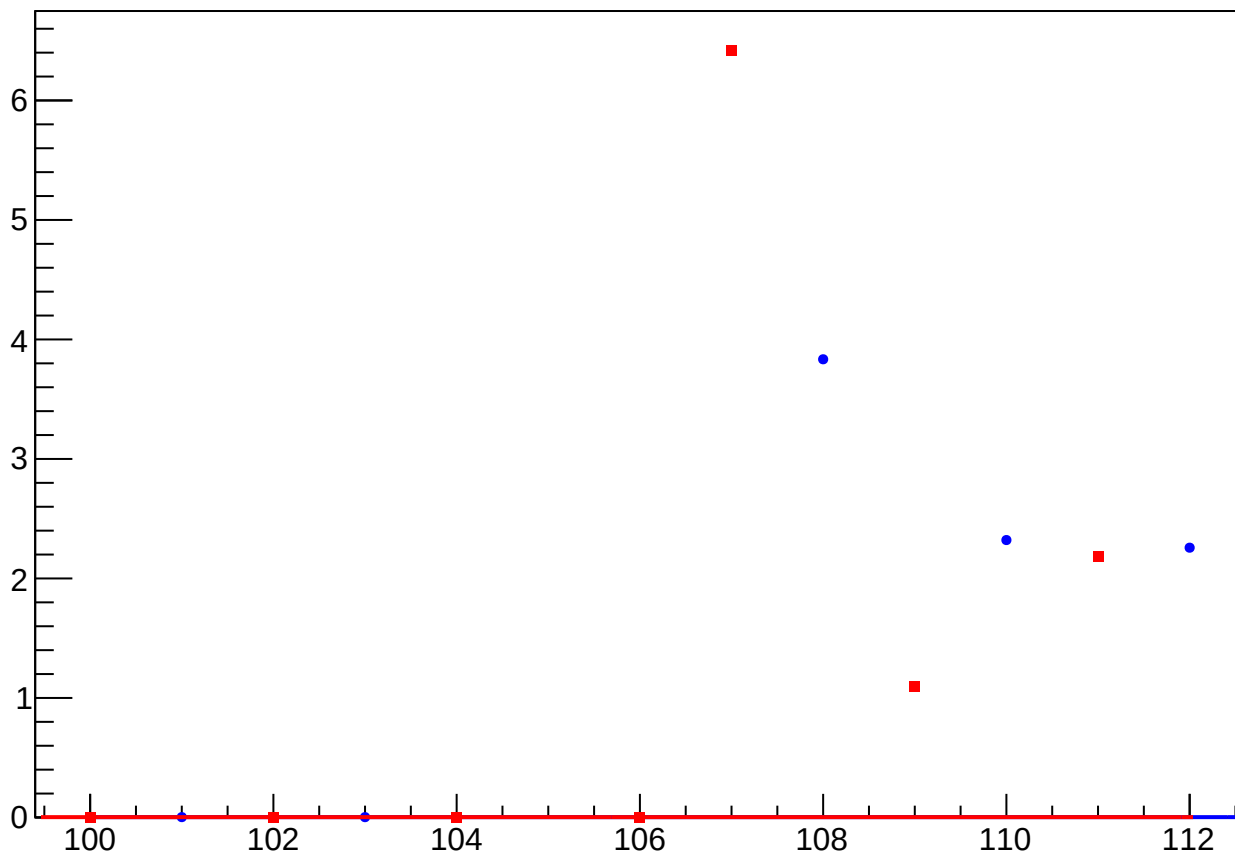
All: 0.003+/-0.000 χ^2/NDF : 4002560.0/11

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 140.149+/-0.000 χ^2/NDF : 7997244712.8/4
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 120.835+/-0.000 χ^2/NDF : 138062401488289
 In: 140.149+/-0.000 χ^2/NDF : 7997244712.8/4
 Right Out: 104.227+/-0.000 χ^2/NDF : 1257298758445013.5/6
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 120.835+/-0.000 χ^2/NDF : 138062401488289

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 2186477.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1729497.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

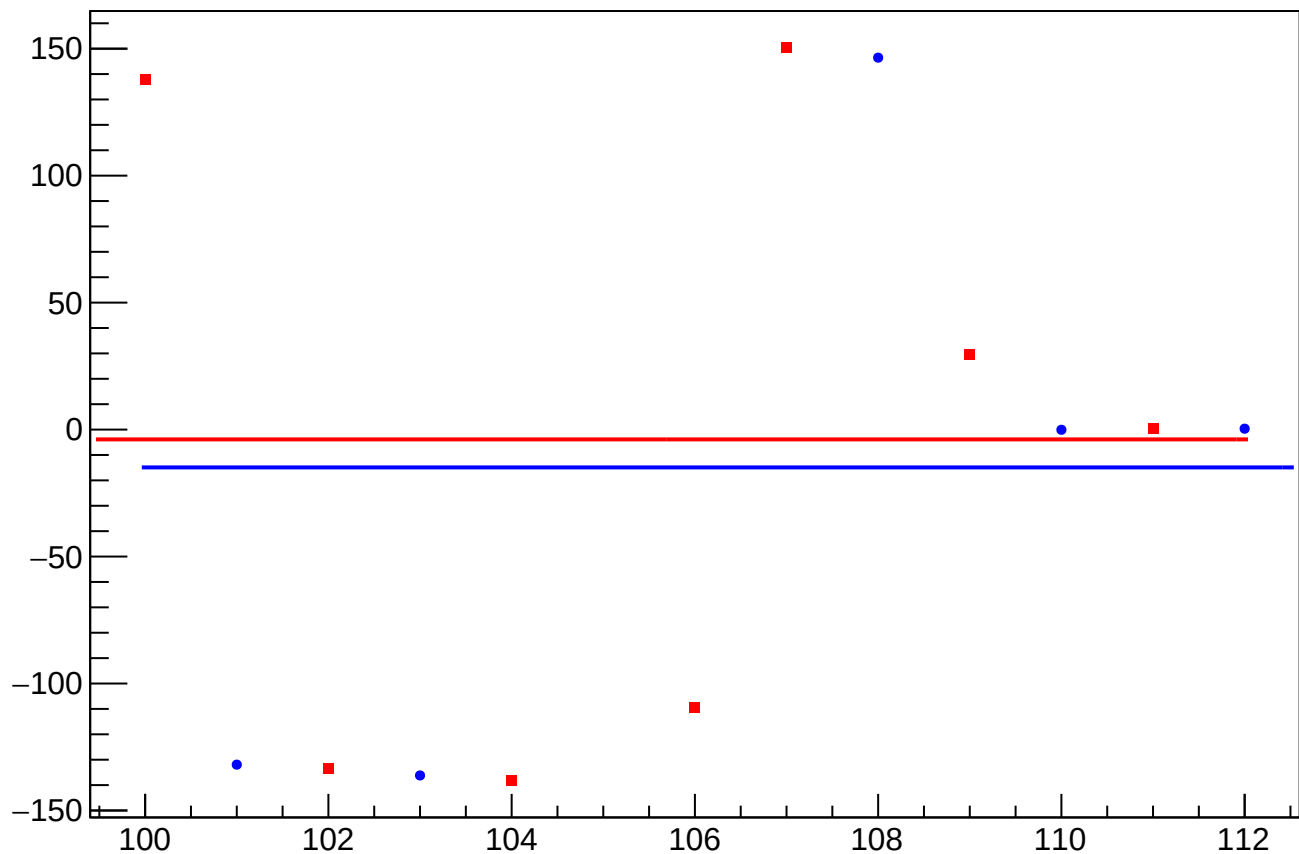
Right: 0.003+/-0.000 χ^2/NDF : 3916128.4/11

In: 0.003+/-0.000 χ^2/NDF : 2186477.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3916128.4/11

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -14.891+/-0.001 χ^2/NDF : 9328870255.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.866+/-0.001 χ^2/NDF : 3573342774.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

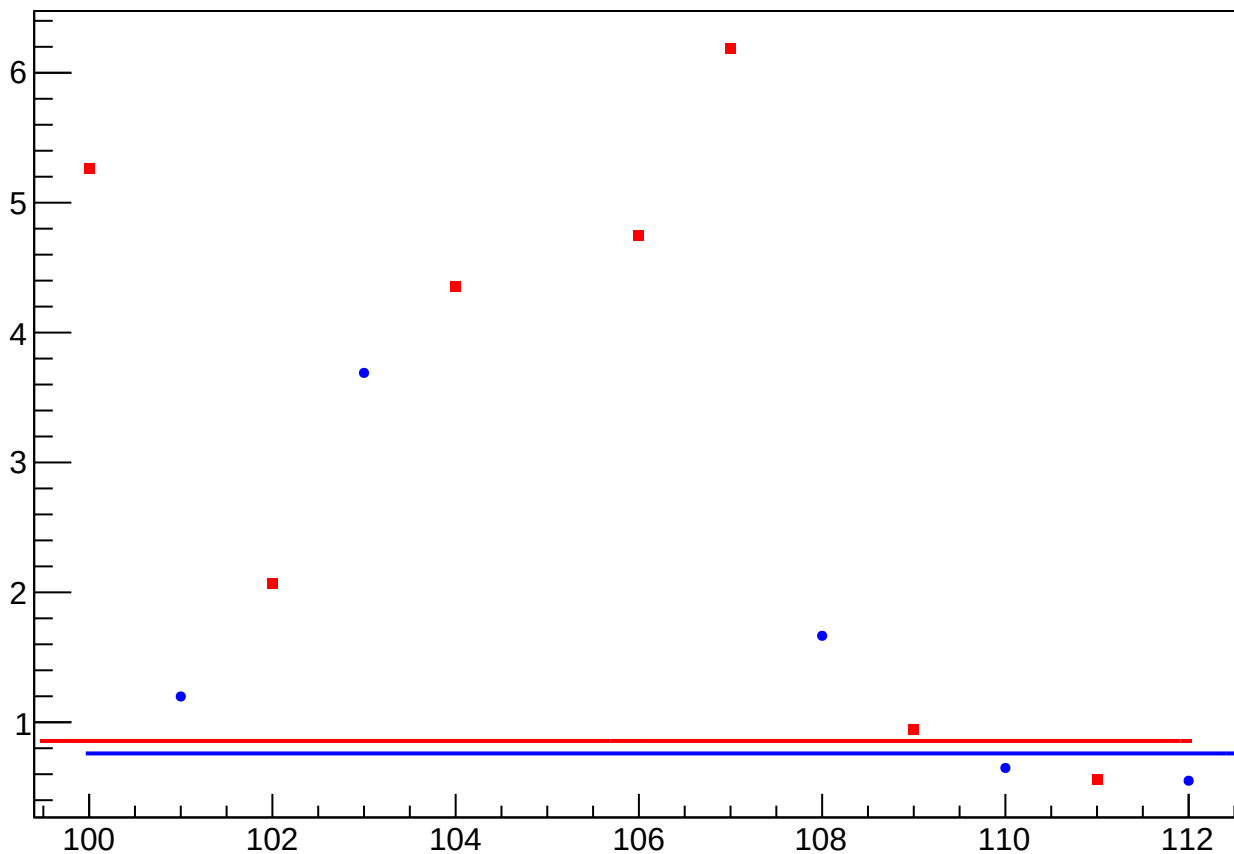
Right: -10.388+/-0.000 χ^2/NDF : 13036859040.3/11

In: -14.891+/-0.001 χ^2/NDF : 9328870255.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.388+/-0.000 χ^2/NDF : 13036859040.3/11

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.760 $\pm$ 0.000 χ^2 /NDF: 1097277.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.856 $\pm$ 0.001 χ^2 /NDF: 1927801.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

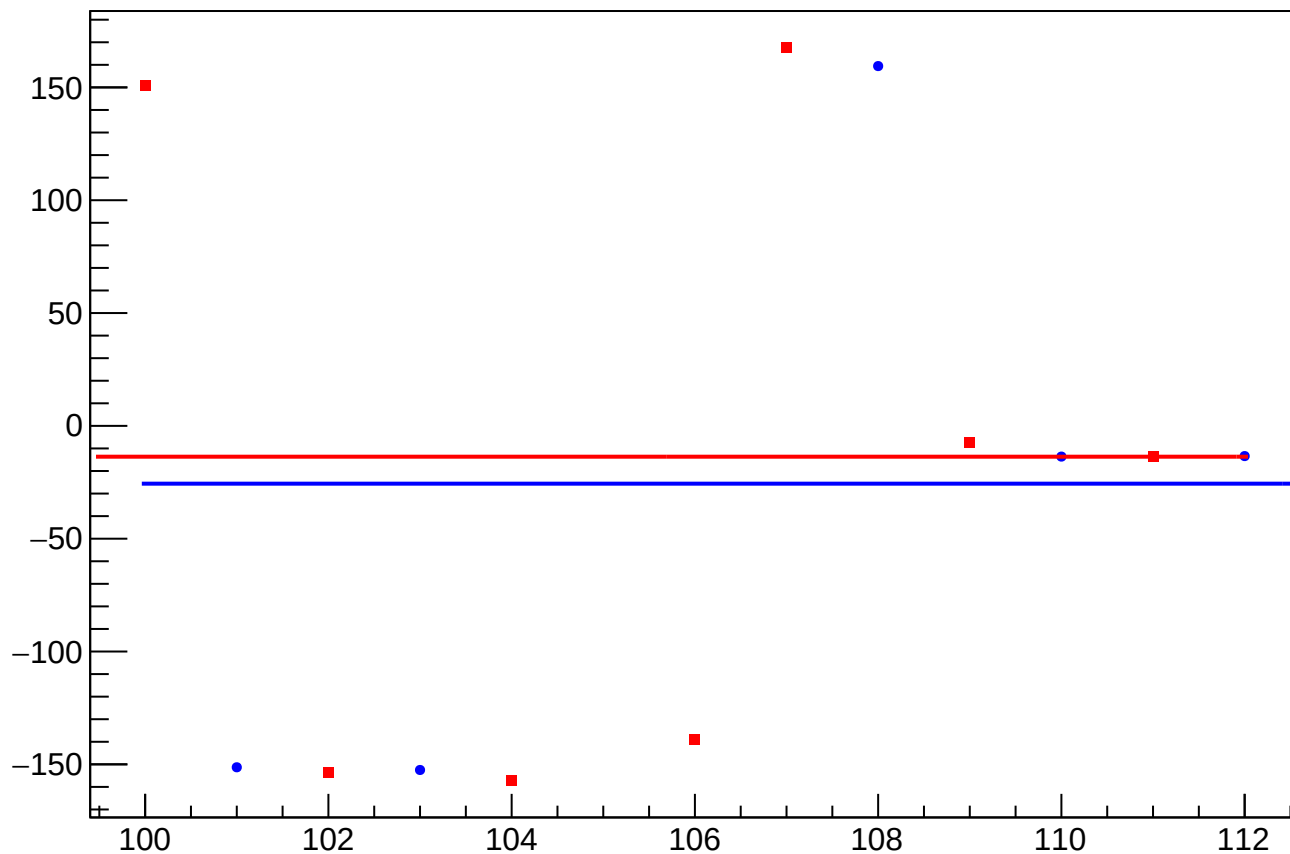
Right: 0.799 $\pm$ 0.000 χ^2 /NDF: 3045518.7/11

In: 0.760 $\pm$ 0.000 χ^2 /NDF:1097277.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.799 $\pm$ 0.000 χ^2 /NDF: 3045518.7/11

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -25.615 $\pm$ 0.001 χ^2 /NDF: 3208907549.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -13.659 $\pm$ 0.001 χ^2 /NDF: 1279194064.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

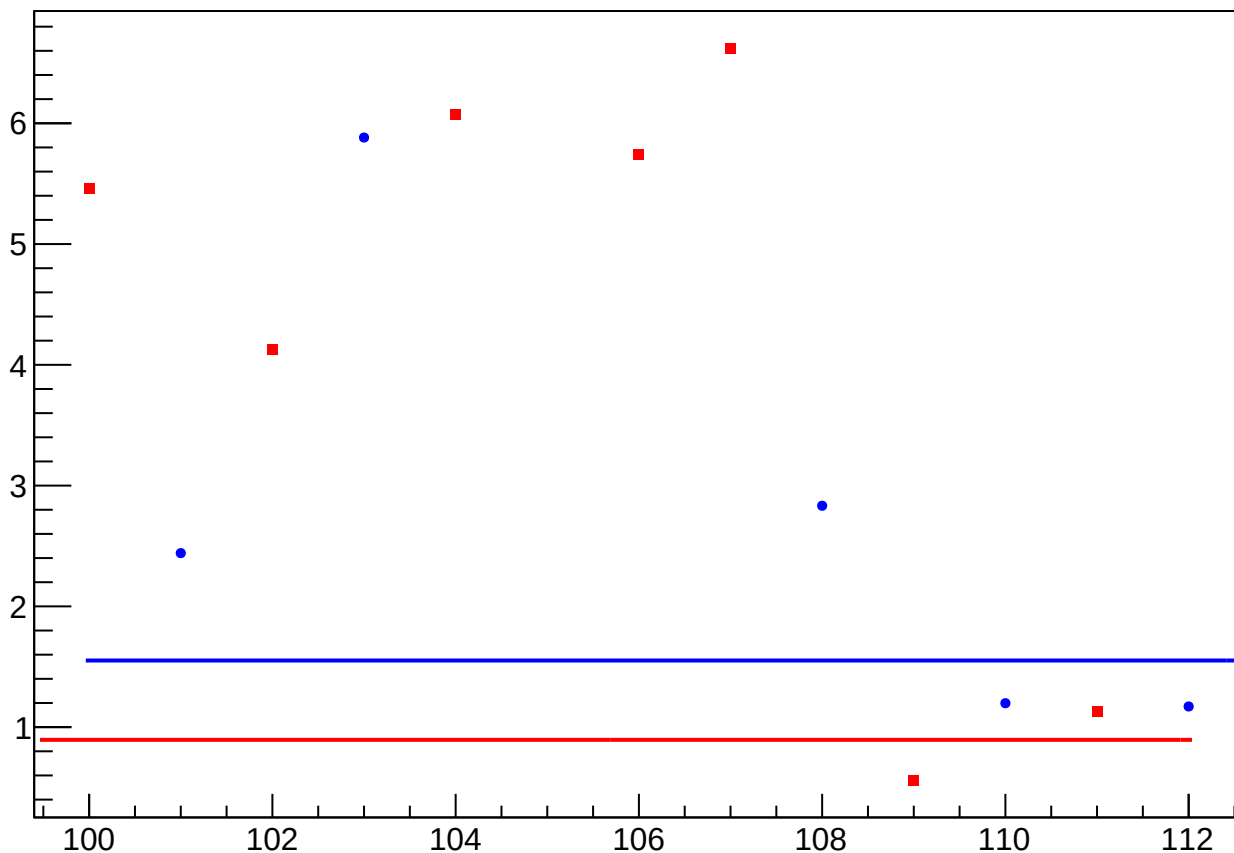
Right: -17.846 $\pm$ 0.001 χ^2 /NDF: 4554652320.4/11

In: -25.615 $\pm$ 0.001 χ^2 /NDF:3208907549.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -17.846 $\pm$ 0.001 χ^2 /NDF: 4554652320.4/11

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 1.552+/-0.001 χ^2/NDF : 1074915.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.895+/-0.001 χ^2/NDF : 2355661.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

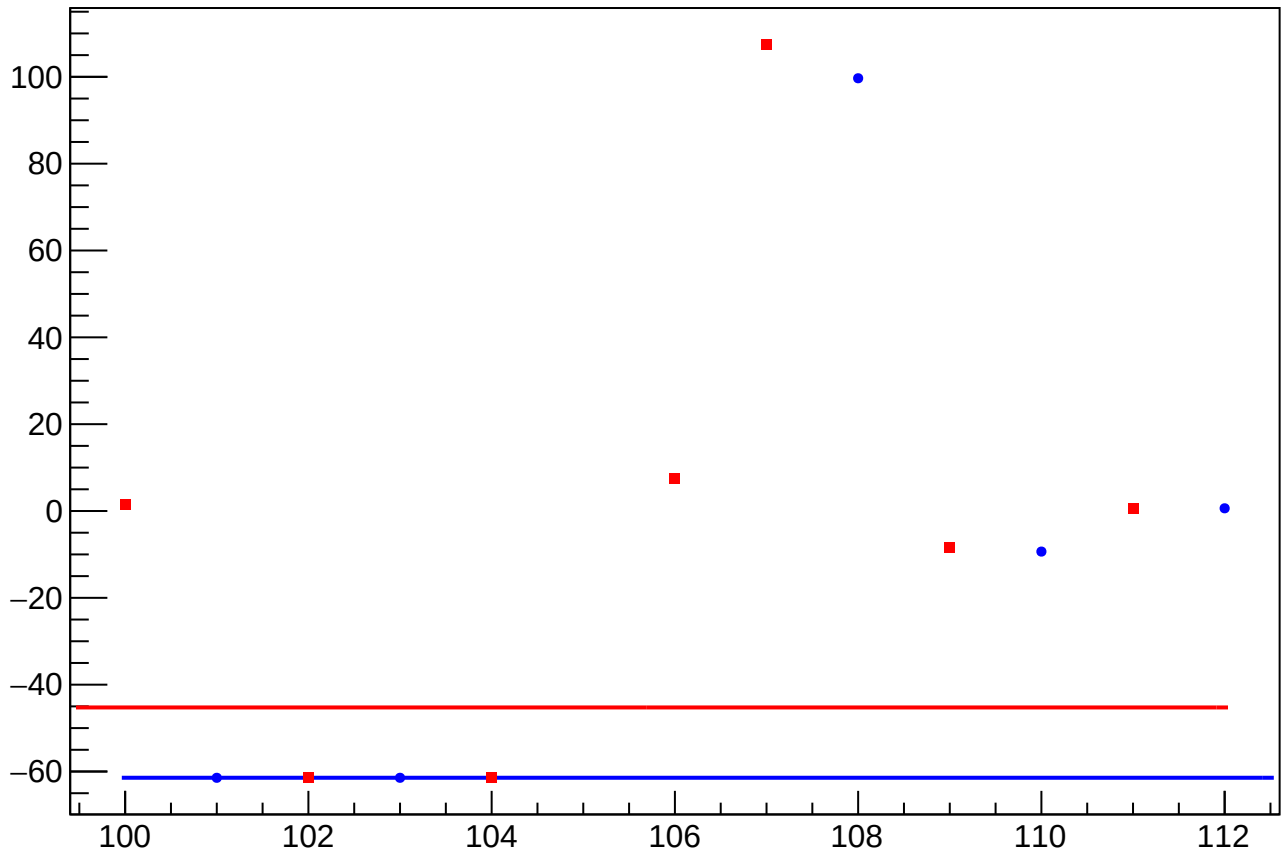
Right: 1.125+/-0.000 χ^2/NDF : 3832449.2/11

In: 1.552+/-0.001 χ^2/NDF : 1074915.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

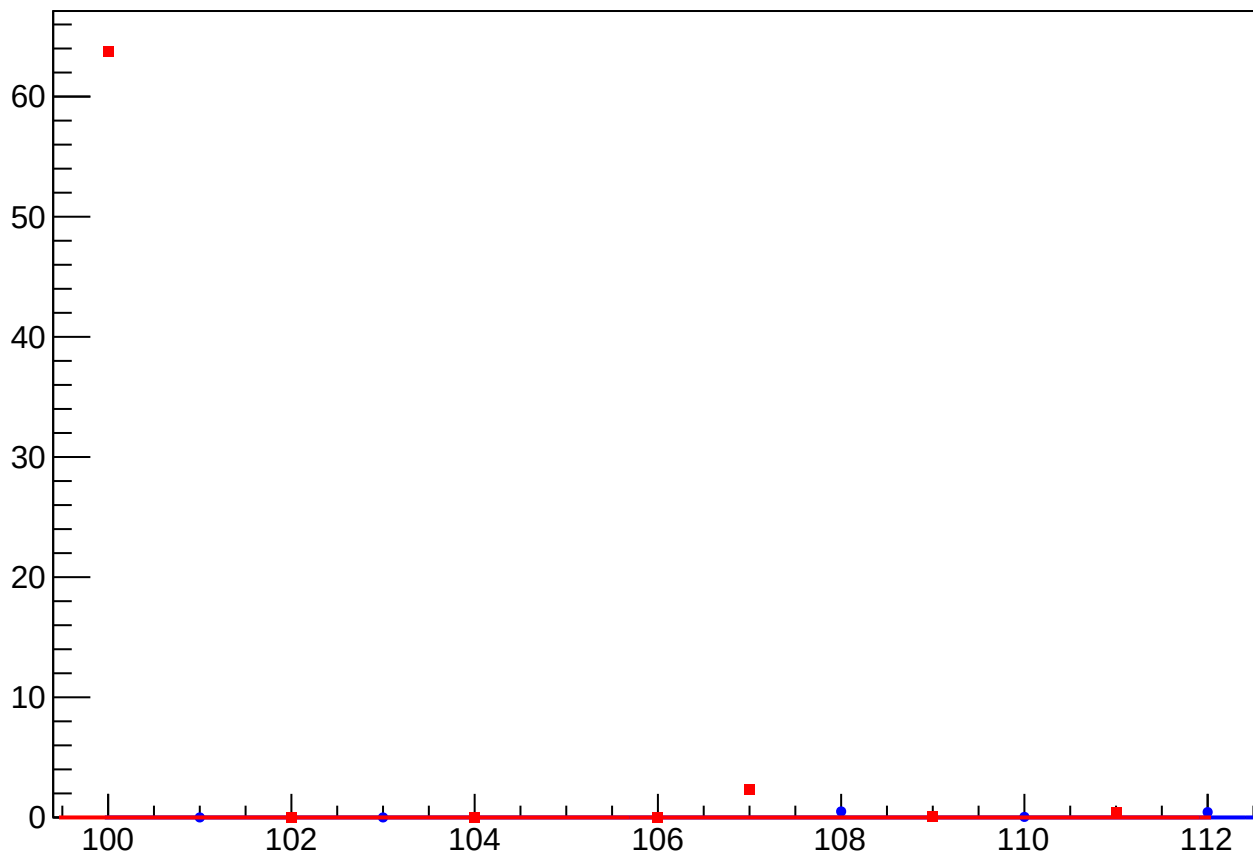
All: 1.125+/-0.000 χ^2/NDF : 3832449.2/11

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -61.439+/-0.000 χ^2/NDF : 197290573963.4/4
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -52.752+/-0.000 χ^2/NDF : 409016263102475
 In: -61.439+/-0.000 χ^2/NDF : 197290573963.4/4
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -52.752+/-0.000 χ^2/NDF : 409016263102

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1726043.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1651450.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

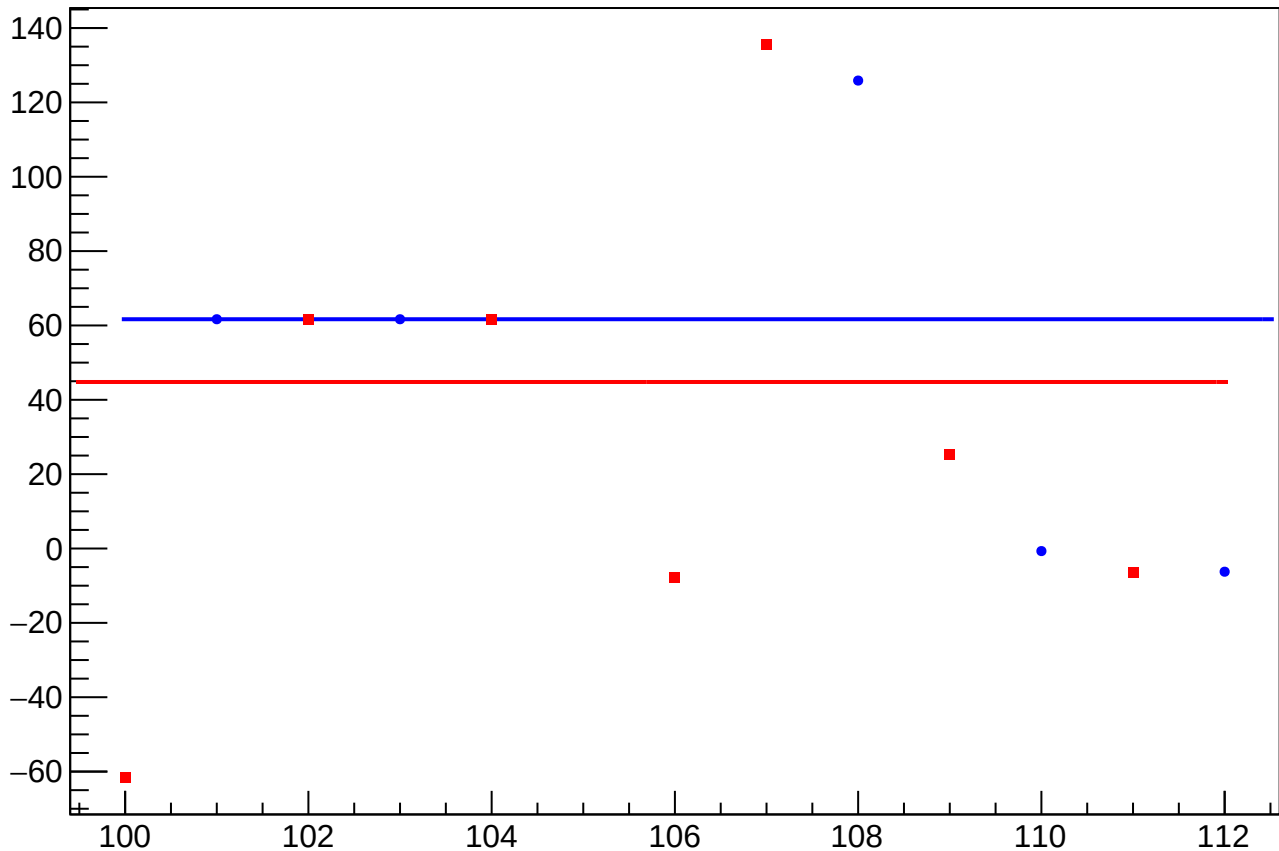
Right: 0.001+/-0.000 χ^2/NDF : 3377495.4/11

In: 0.001+/-0.000 χ^2/NDF : 1726043.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

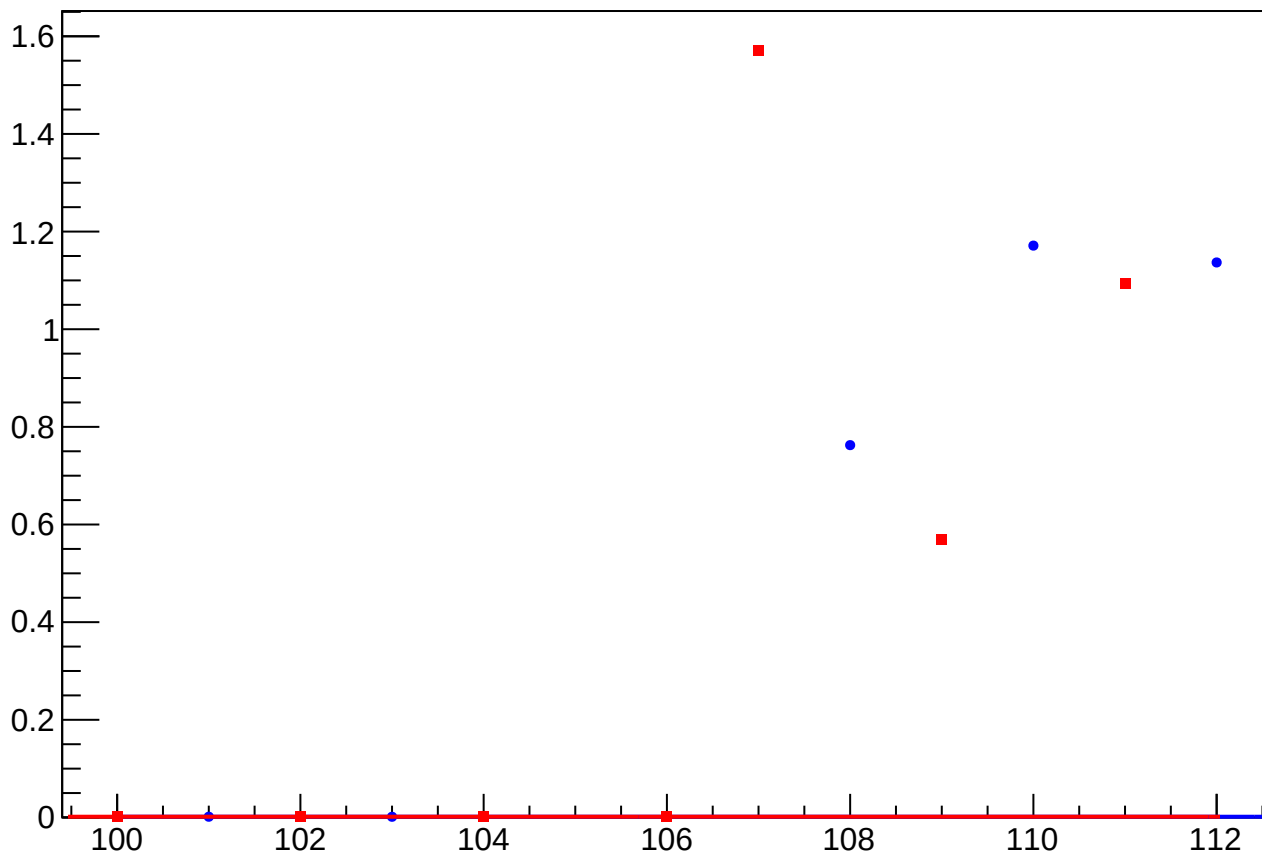
All: 0.001+/-0.000 χ^2/NDF : 3377495.4/11

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 61.673+/-0.000 χ^2/NDF : 4969789940.2/4
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 52.698+/-0.000 χ^2/NDF : 416997852565821.9
 Right Out: 44.793+/-0.000 χ^2/NDF : 365871004240099.0/6
 In: 61.673+/-0.000 χ^2/NDF : 4969789940.2/4
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 52.698+/-0.000 χ^2/NDF : 416997852565821.9

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2244518.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1749855.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

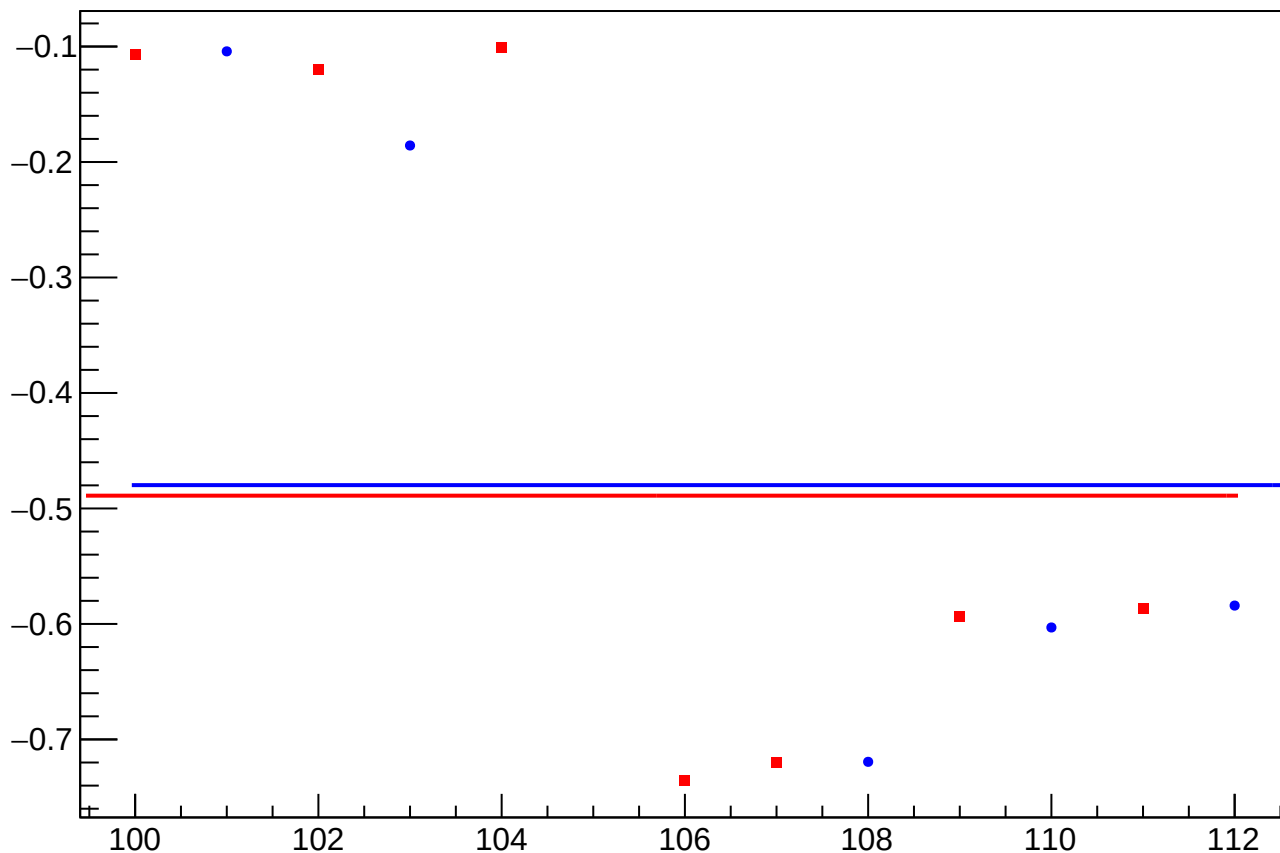
Right: 0.001+/-0.000 χ^2/NDF : 3994607.2/11

In: 0.001+/-0.000 χ^2/NDF : 2244518.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3994607.2/11

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.480+/-0.000 χ^2/NDF : 103715805.4/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.489+/-0.000 χ^2/NDF : 88208724.9/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

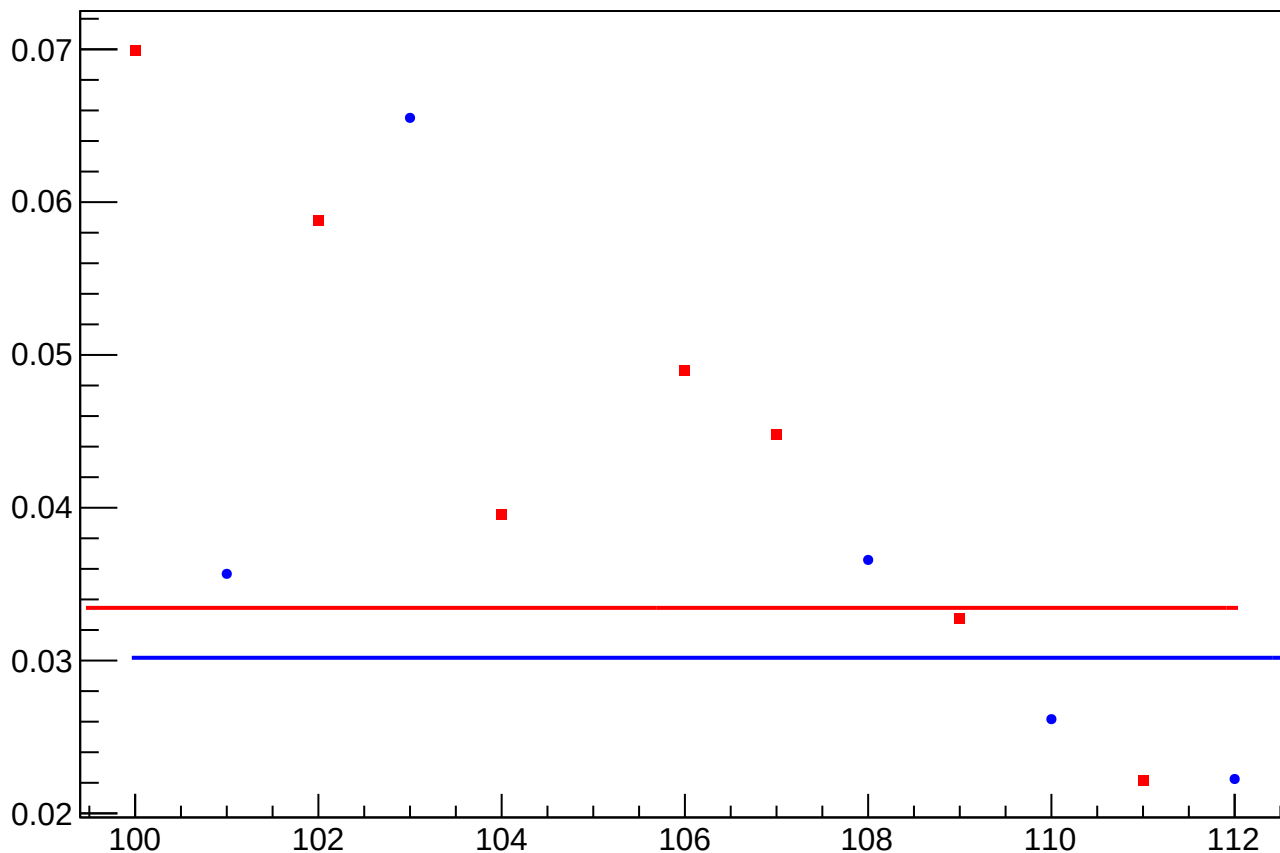
Right: -0.484+/-0.000 χ^2/NDF : 192007219.8/11

In: -0.480+/-0.000 χ^2/NDF :103715805.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.484+/-0.000 χ^2/NDF : 192007219.8/11

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.030+/-0.000 χ^2/NDF : 504211.3/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.033+/-0.000 χ^2/NDF : 539454.8/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

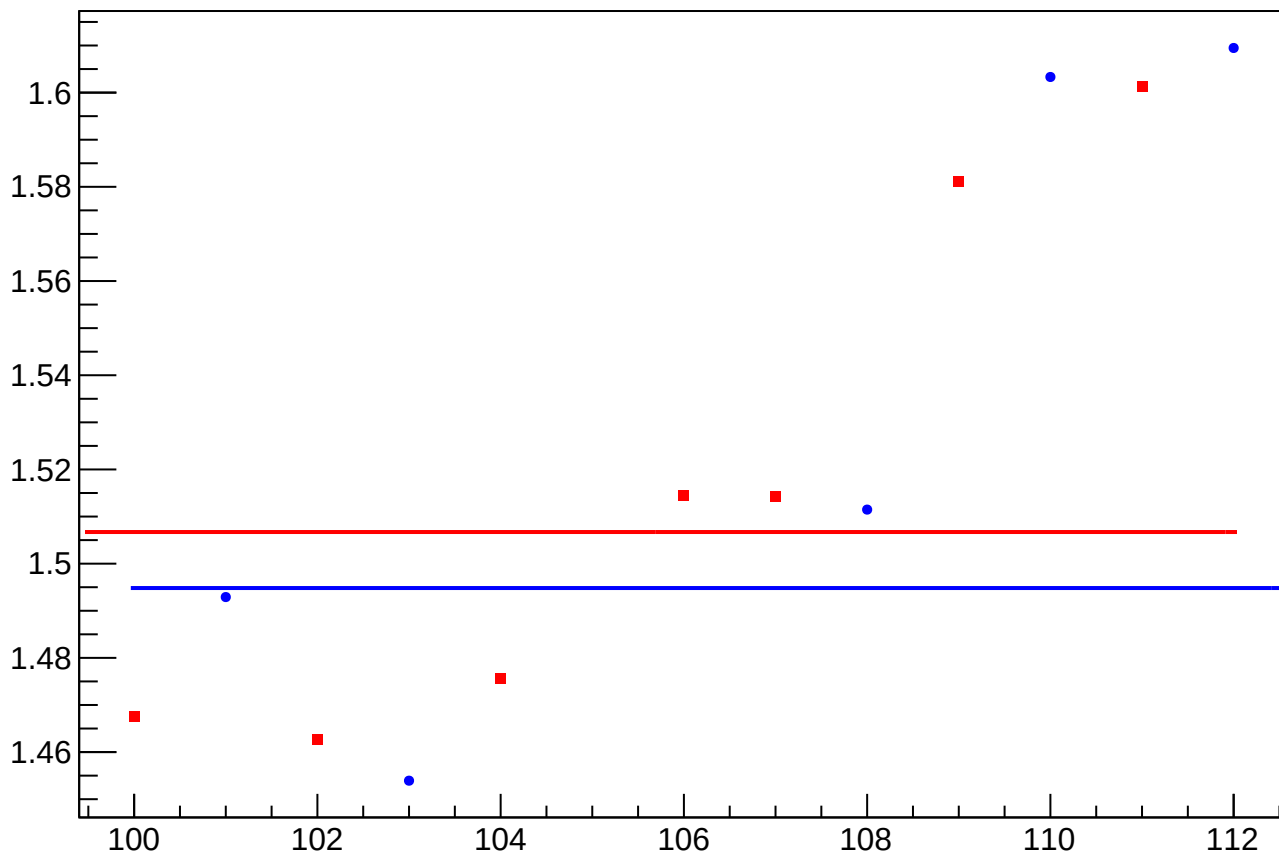
Right: 0.032+/-0.000 χ^2/NDF : 1064865.6/11

In: 0.030+/-0.000 χ^2/NDF :504211.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.032+/-0.000 χ^2/NDF : 1064865.6/11

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 1.495+/-0.000 χ^2/NDF : 8346717.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.507+/-0.000 χ^2/NDF : 14544013.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

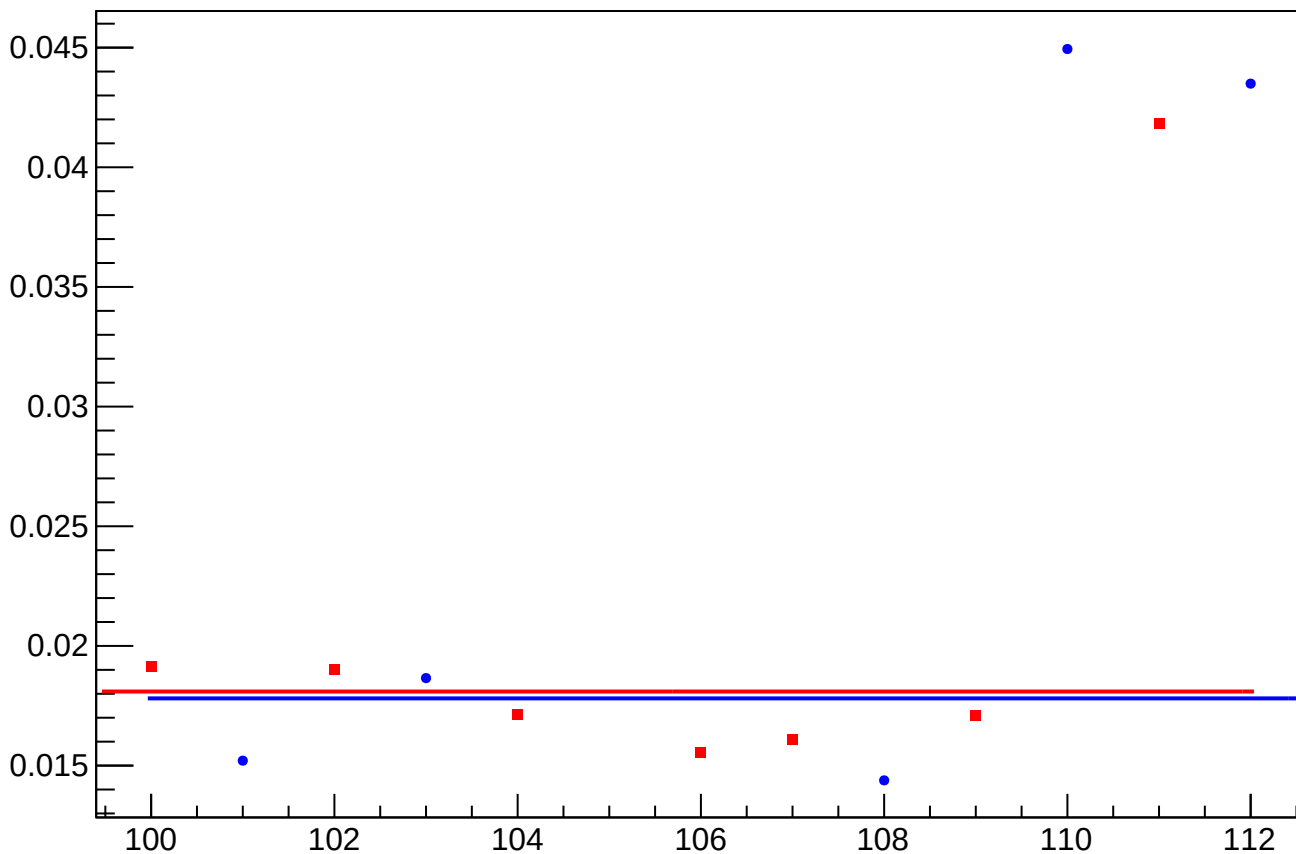
Right: 1.501+/-0.000 χ^2/NDF : 23356219.9/11

In: 1.495+/-0.000 χ^2/NDF : 8346717.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.501+/-0.000 χ^2/NDF : 23356219.9/11

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 637961.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.018+/-0.000 χ^2/NDF : 296795.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

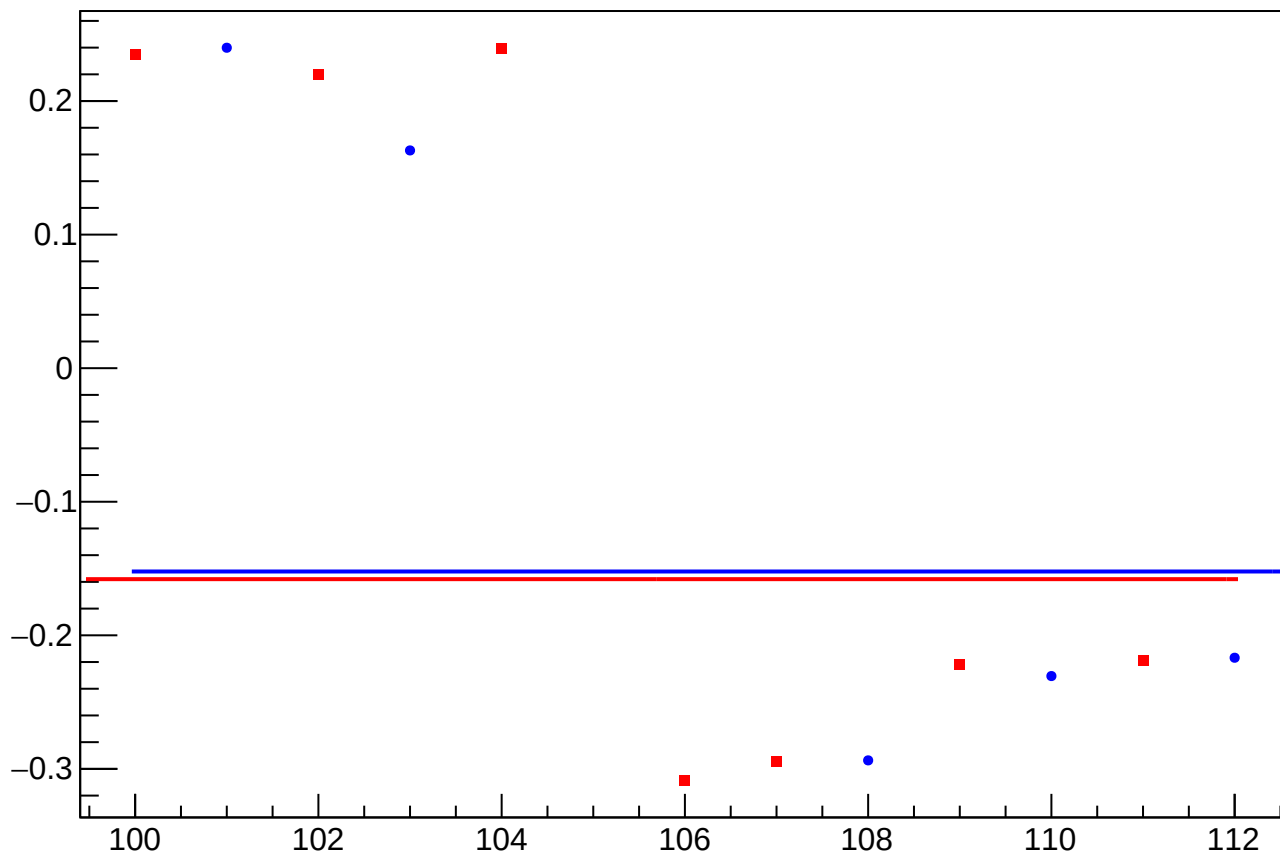
Right: 0.018+/-0.000 χ^2/NDF : 935299.8/11

In: 0.018+/-0.000 χ^2/NDF : 637961.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.000 χ^2/NDF : 935299.8/11

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.152+/-0.000 χ^2/NDF : 89359913.3/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.158+/-0.000 χ^2/NDF : 76590553.1/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

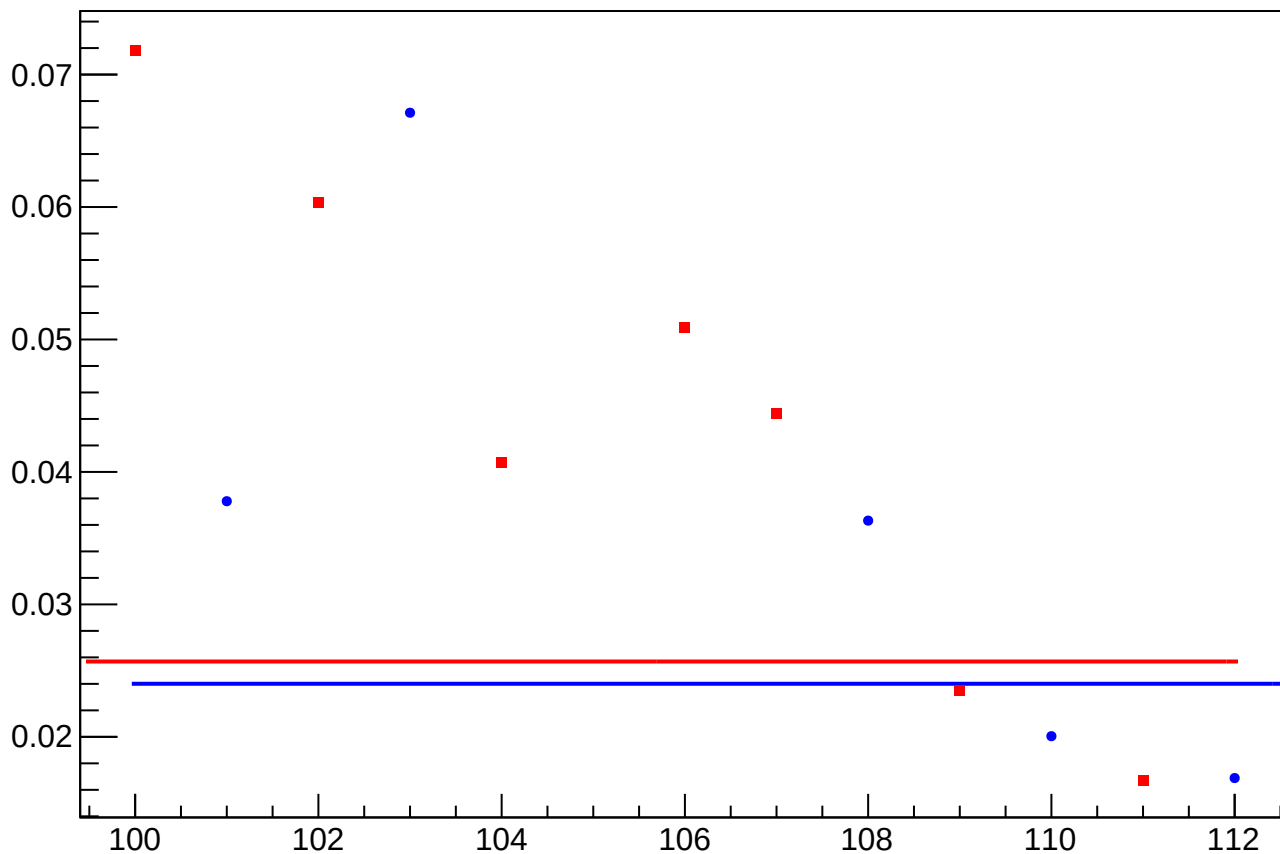
Right: -0.155+/-0.000 χ^2/NDF : 165998871.3/11

In: -0.152+/-0.000 χ^2/NDF :89359913.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.155+/-0.000 χ^2/NDF : 165998871.3/11

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.024+/-0.000 χ^2/NDF : 876095.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.026+/-0.000 χ^2/NDF : 964769.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

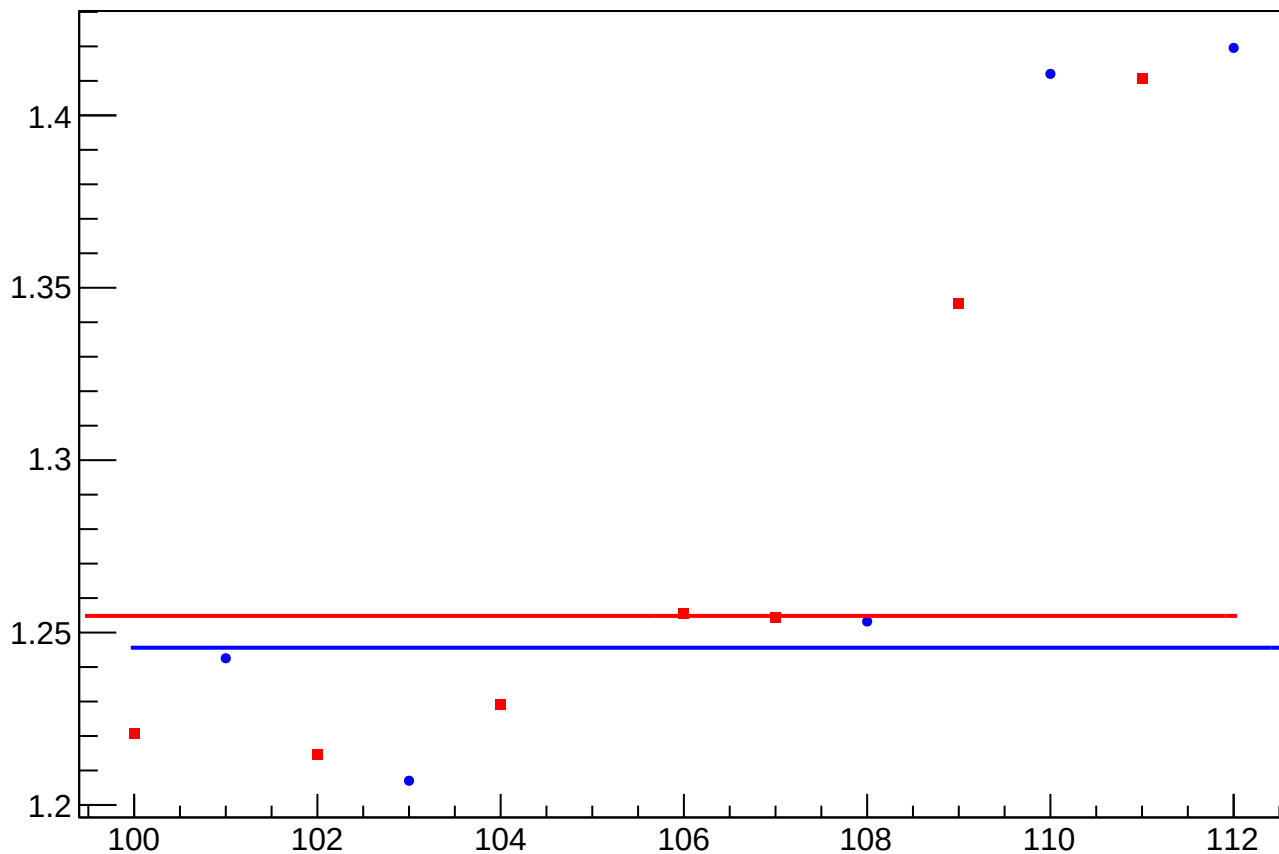
Right: 0.025+/-0.000 χ^2/NDF : 1849169.1/11

In: 0.024+/-0.000 χ^2/NDF : 876095.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.000 χ^2/NDF : 1849169.1/11

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 1.246+/-0.000 χ^2/NDF : 16437657.3/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.255+/-0.000 χ^2/NDF : 23039970.3/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

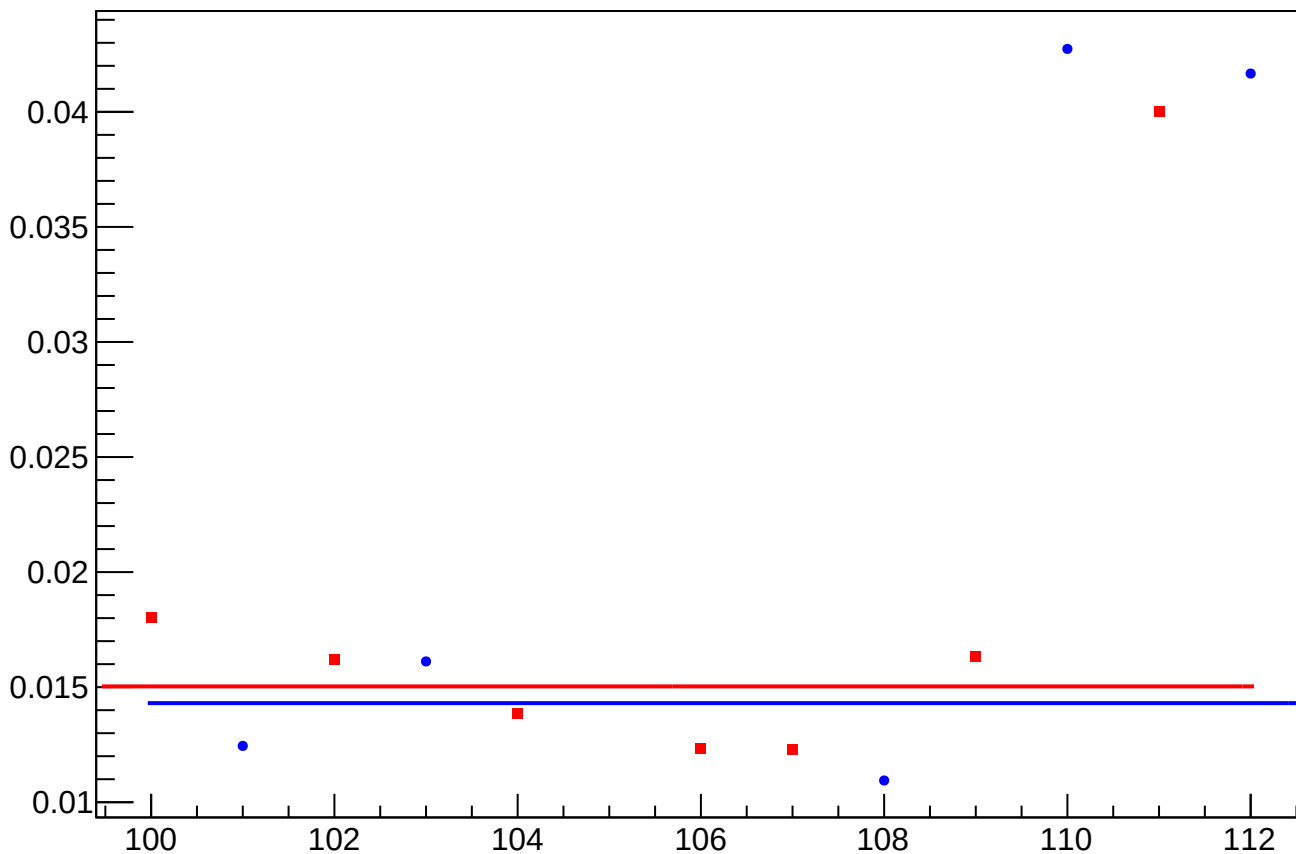
Right: 1.250+/-0.000 χ^2/NDF : 39881493.9/11

In: 1.246+/-0.000 χ^2/NDF :16437657.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.250+/-0.000 χ^2/NDF : 39881493.9/11

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 786878.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 389033.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

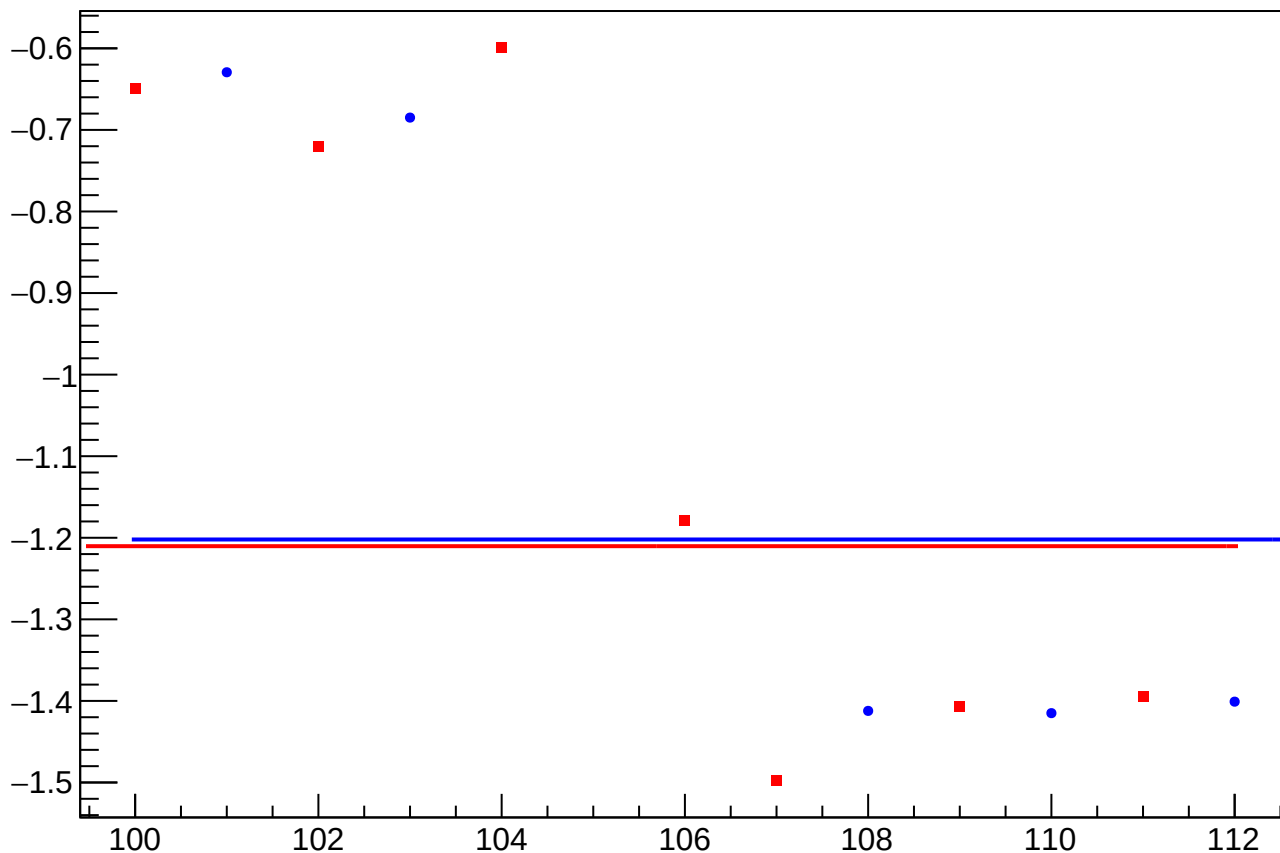
Right: 0.015+/-0.000 χ^2/NDF : 1180933.4/11

In: 0.014+/-0.000 χ^2/NDF : 786878.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 1180933.4/11

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.202+/-0.000 χ^2/NDF : 252208552.2/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.210+/-0.000 χ^2/NDF : 201869917.5/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

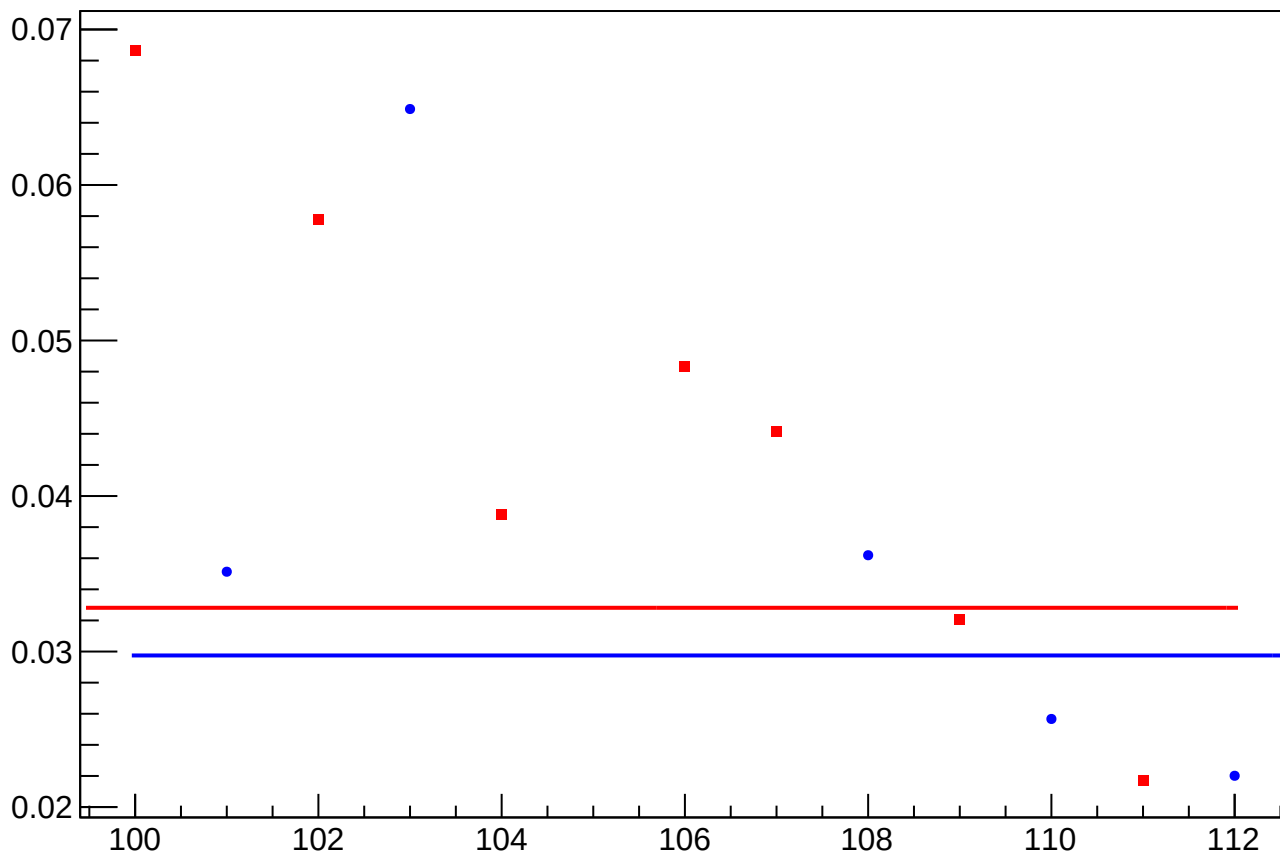
Right: -1.206+/-0.000 χ^2/NDF : 454147259.4/11

In: -1.202+/-0.000 χ^2/NDF :252208552.2/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.206+/-0.000 χ^2/NDF : 454147259.4/11

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.030+/-0.000 χ^2/NDF : 504297.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.033+/-0.000 χ^2/NDF : 543199.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

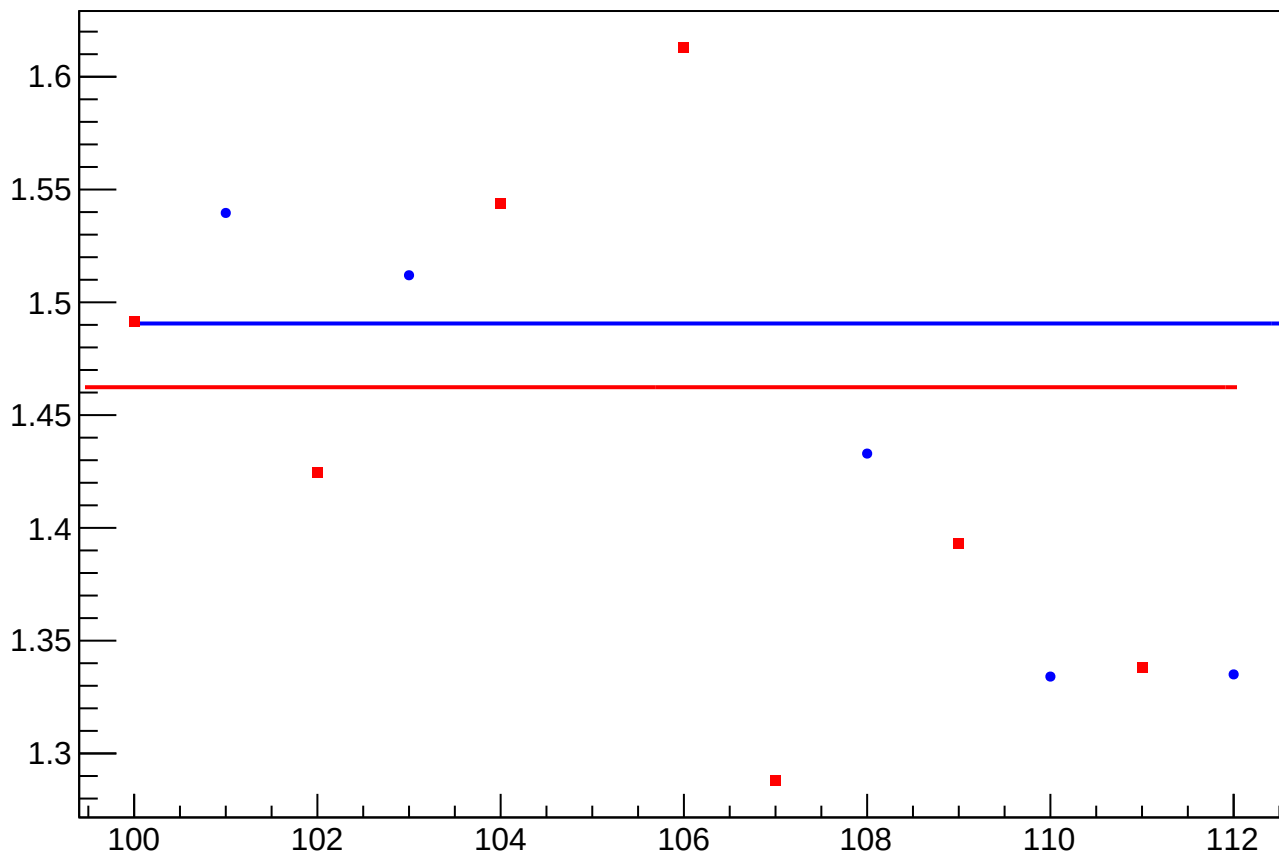
Right: 0.031+/-0.000 χ^2/NDF : 1066734.1/11

In: 0.030+/-0.000 χ^2/NDF : 504297.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.031+/-0.000 χ^2/NDF : 1066734.1/11

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 1.491+/-0.000 χ^2/NDF : 20822993.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.462+/-0.000 χ^2/NDF : 71201741.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

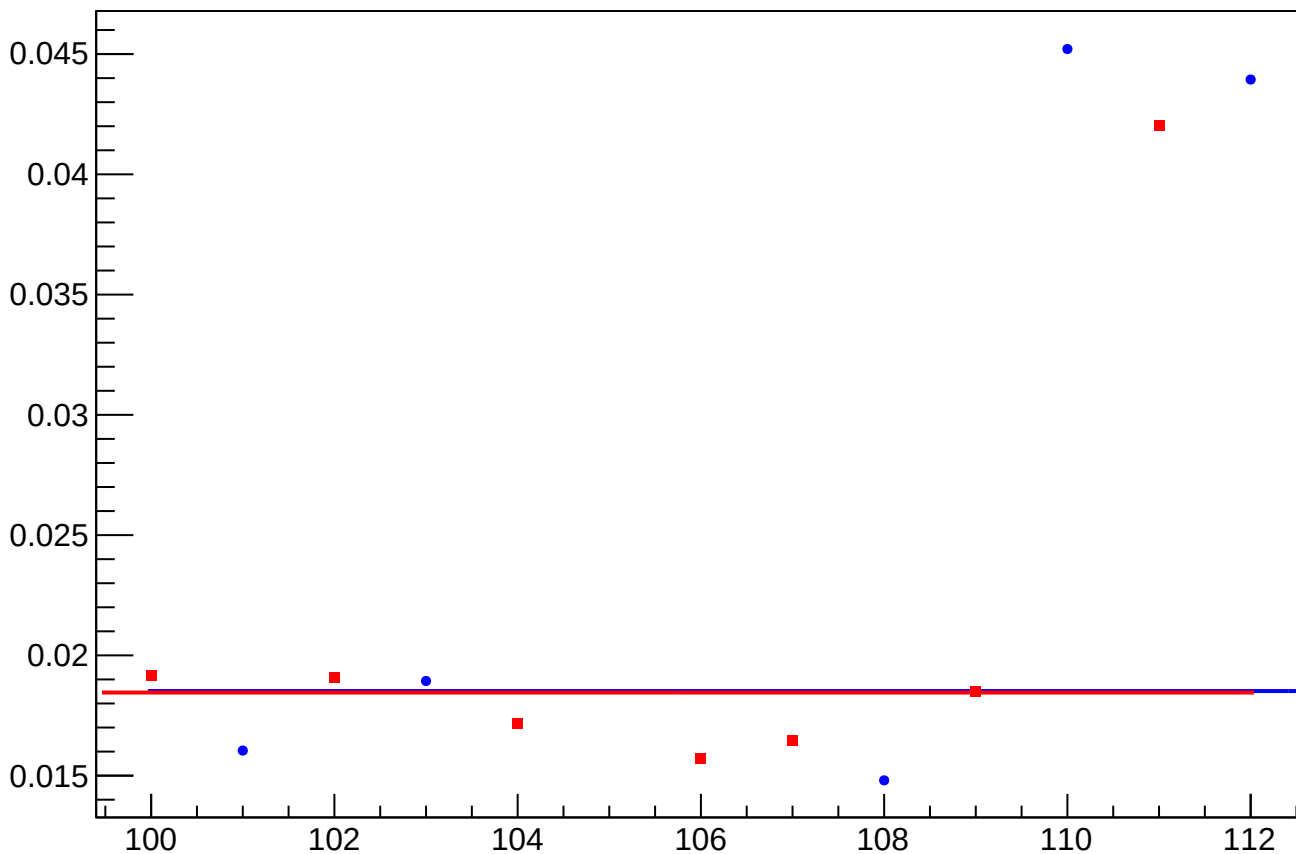
Right: 1.475+/-0.000 χ^2/NDF : 94491683.0/11

In: 1.491+/-0.000 χ^2/NDF : 20822993.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.475+/-0.000 χ^2/NDF : 94491683.0/11

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 608841.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.018+/-0.000 χ^2/NDF : 290434.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

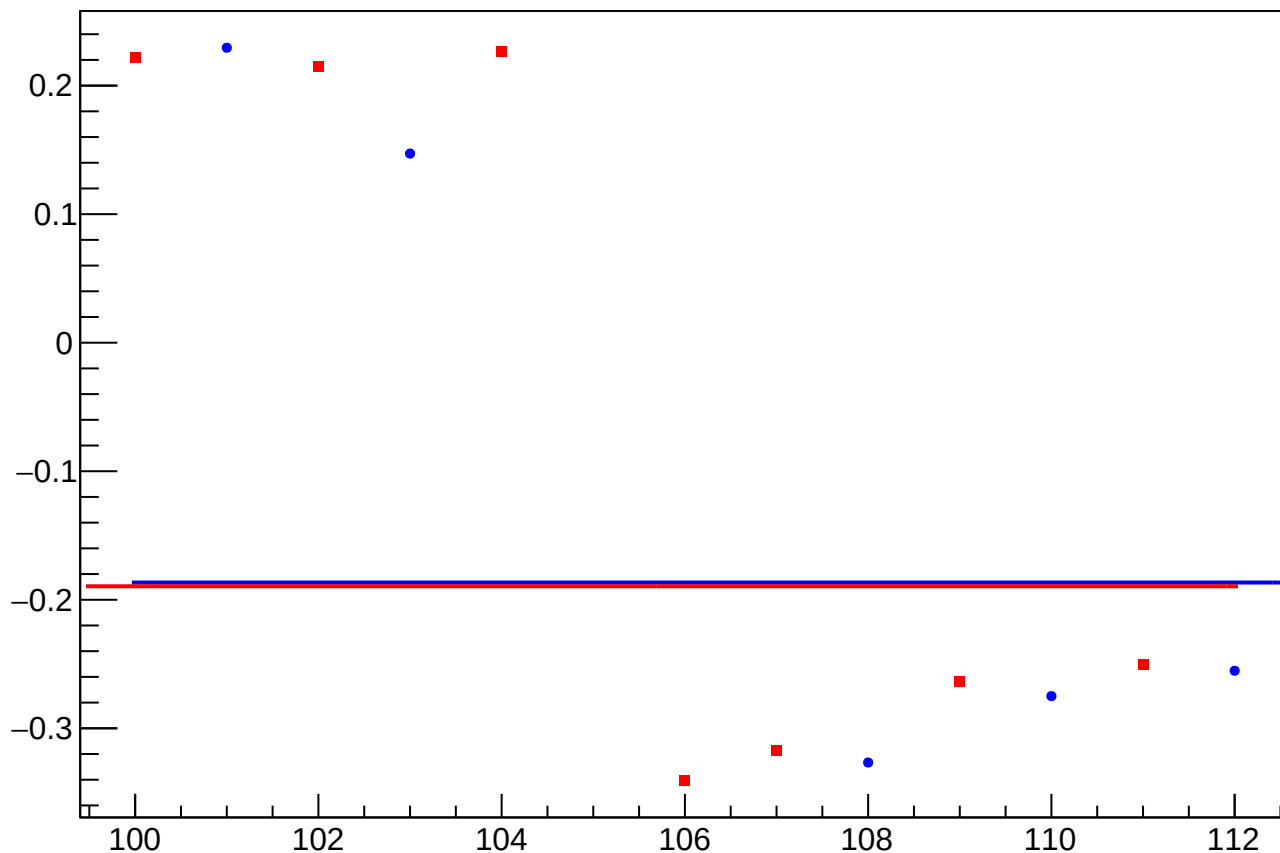
Right: 0.018+/-0.000 χ^2/NDF : 899300.1/11

In: 0.019+/-0.000 χ^2/NDF : 608841.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.000 χ^2/NDF : 899300.1/11

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.187+/-0.000 χ^2/NDF : 98501846.9/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.190+/-0.000 χ^2/NDF : 82156375.3/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

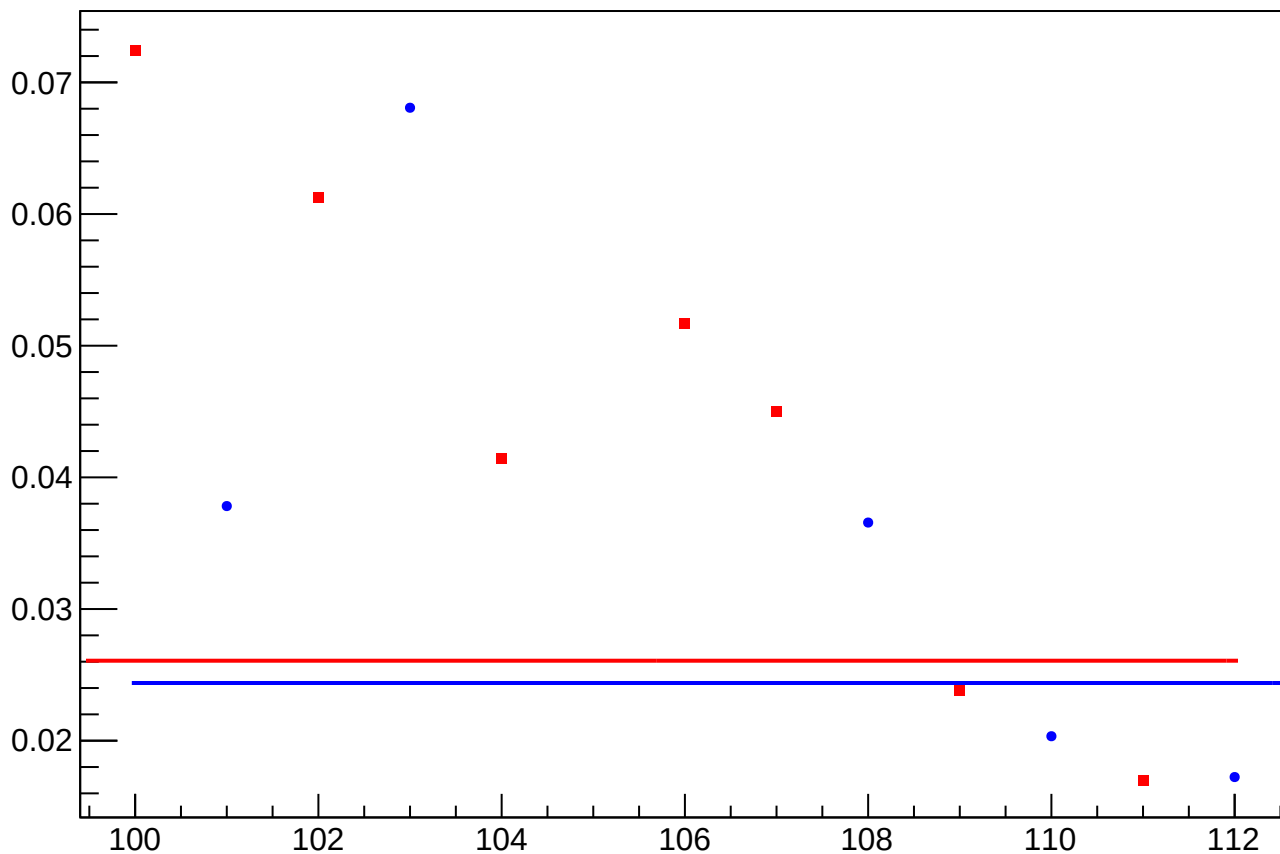
Right: -0.188+/-0.000 χ^2/NDF : 180670415.7/11

In: -0.187+/-0.000 χ^2/NDF :98501846.9/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.188+/-0.000 χ^2/NDF : 180670415.7/11

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.024+/-0.000 χ^2/NDF : 858880.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.026+/-0.000 χ^2/NDF : 966014.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

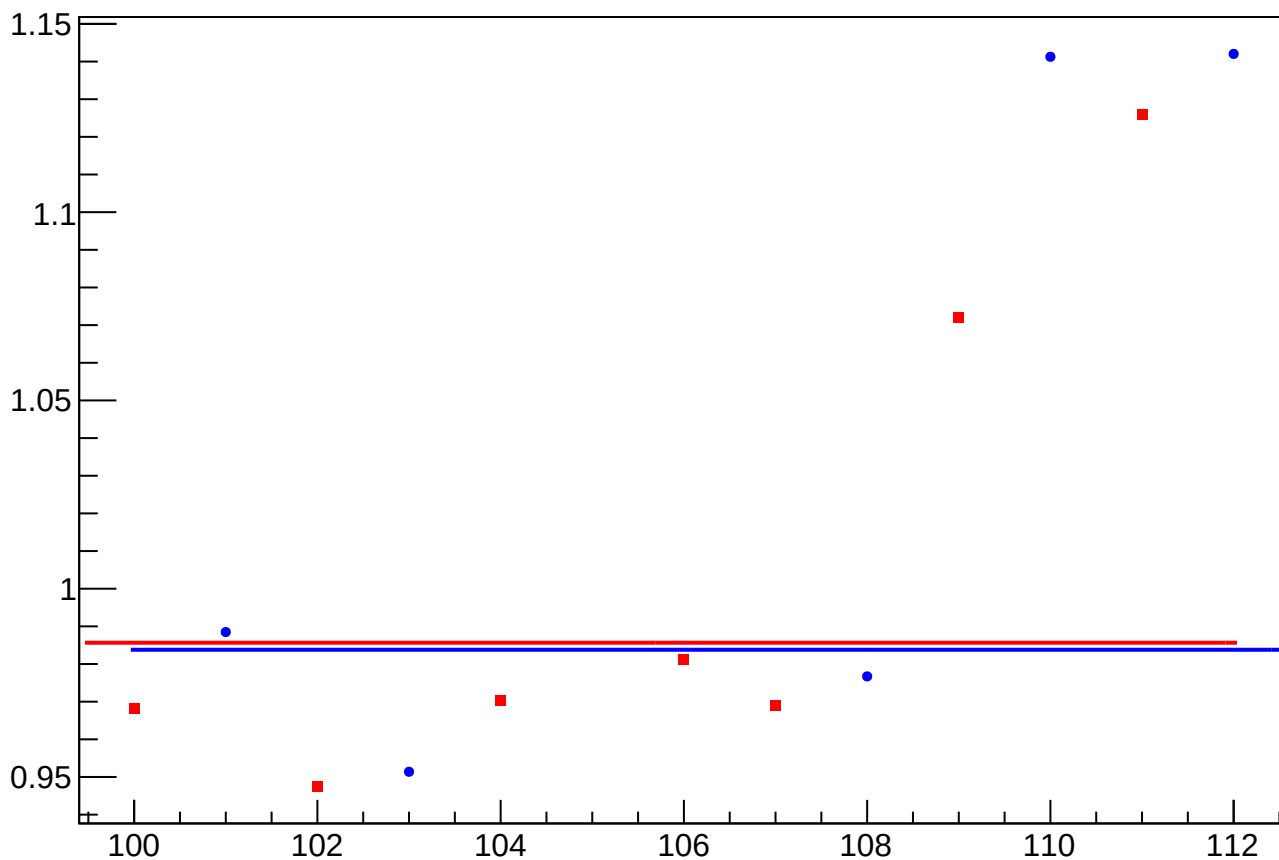
Right: 0.025+/-0.000 χ^2/NDF : 1833076.2/11

In: 0.024+/-0.000 χ^2/NDF : 858880.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.000 χ^2/NDF : 1833076.2/11

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.984+/-0.000 χ^2/NDF : 14007015.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.986+/-0.000 χ^2/NDF : 20045565.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

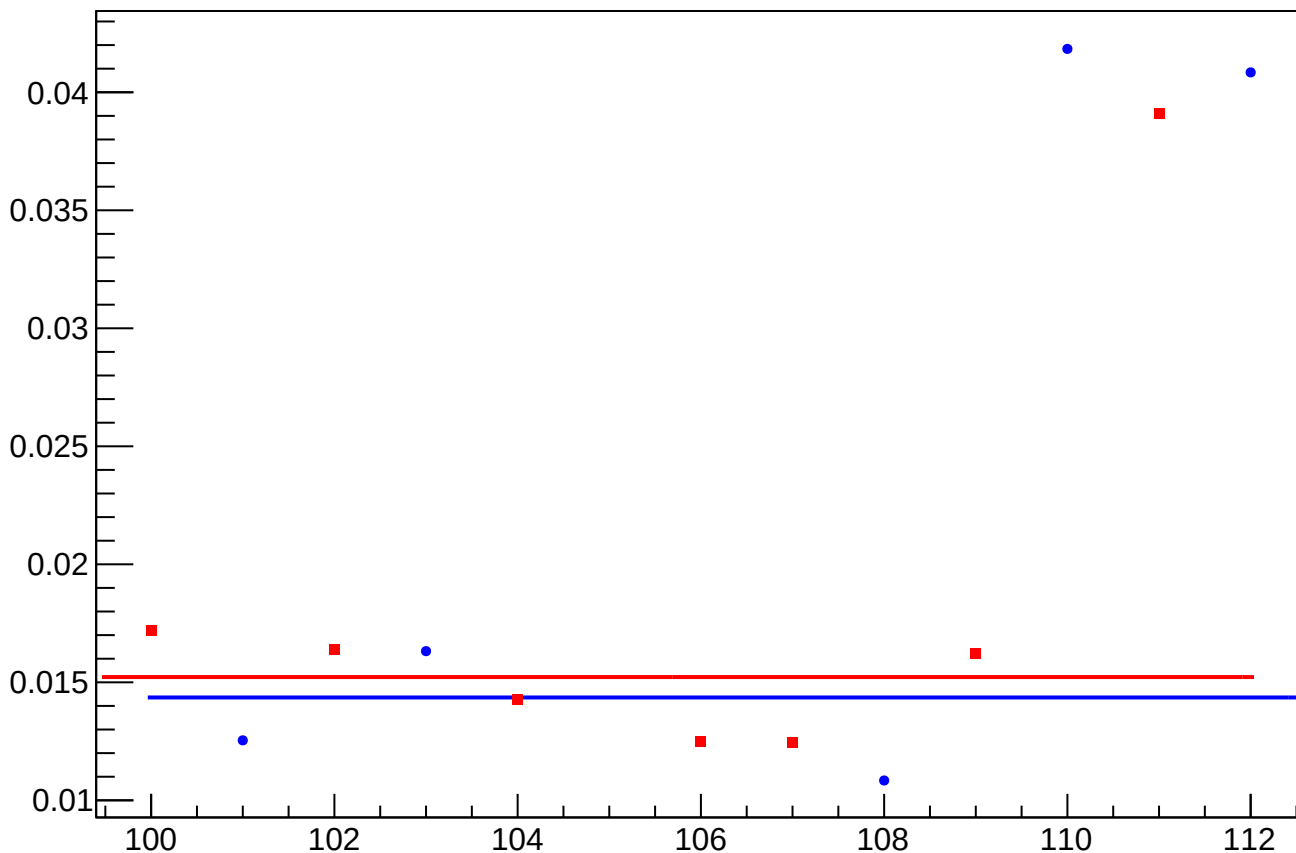
Right: 0.985+/-0.000 χ^2/NDF : 34069013.5/11

In: 0.984+/-0.000 χ^2/NDF : 14007015.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.985+/-0.000 χ^2/NDF : 34069013.5/11

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 778392.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 369567.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

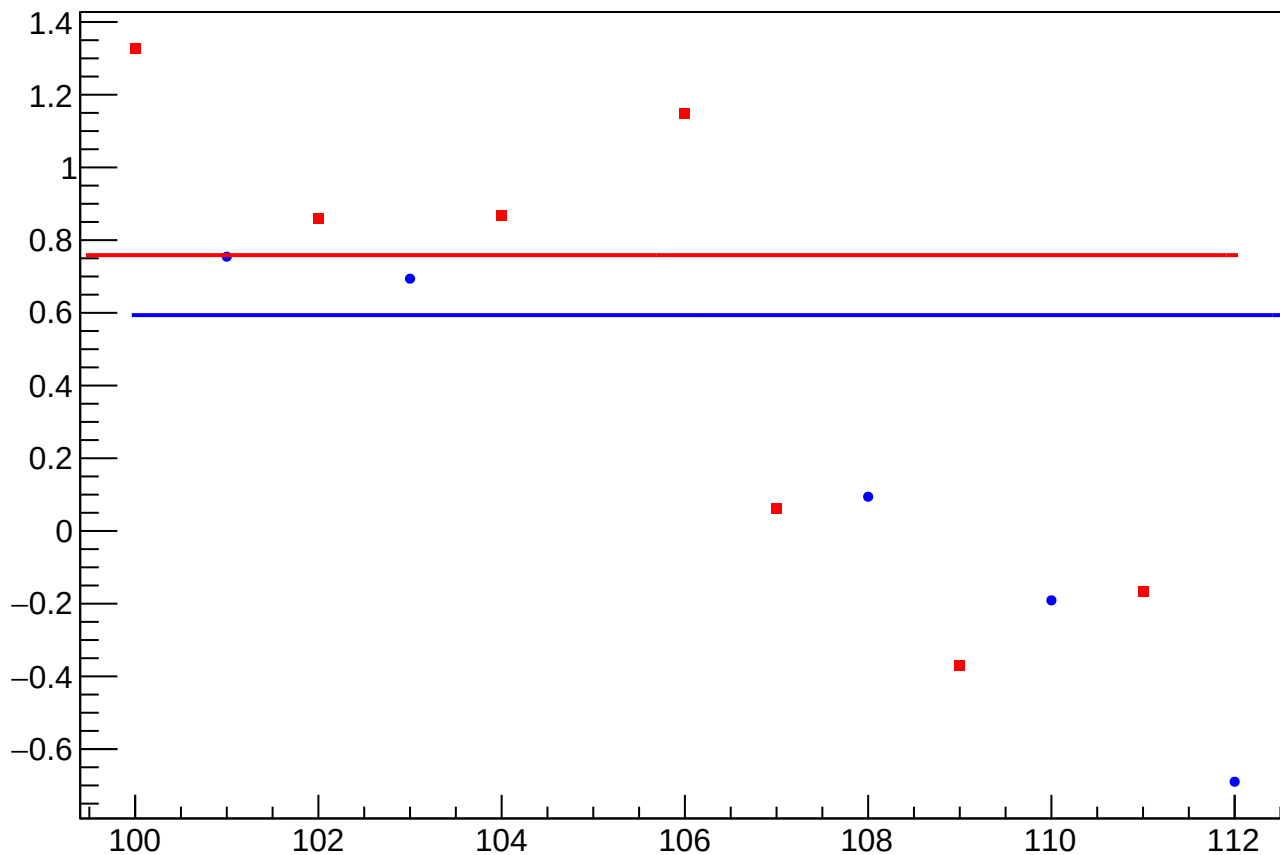
Right: 0.015+/-0.000 χ^2/NDF : 1154982.8/11

In: 0.014+/-0.000 χ^2/NDF : 778392.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 1154982.8/11

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.594 $\pm$ 0.000 χ^2 /NDF: 126471173.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.759 $\pm$ 0.000 χ^2 /NDF: 156122269.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

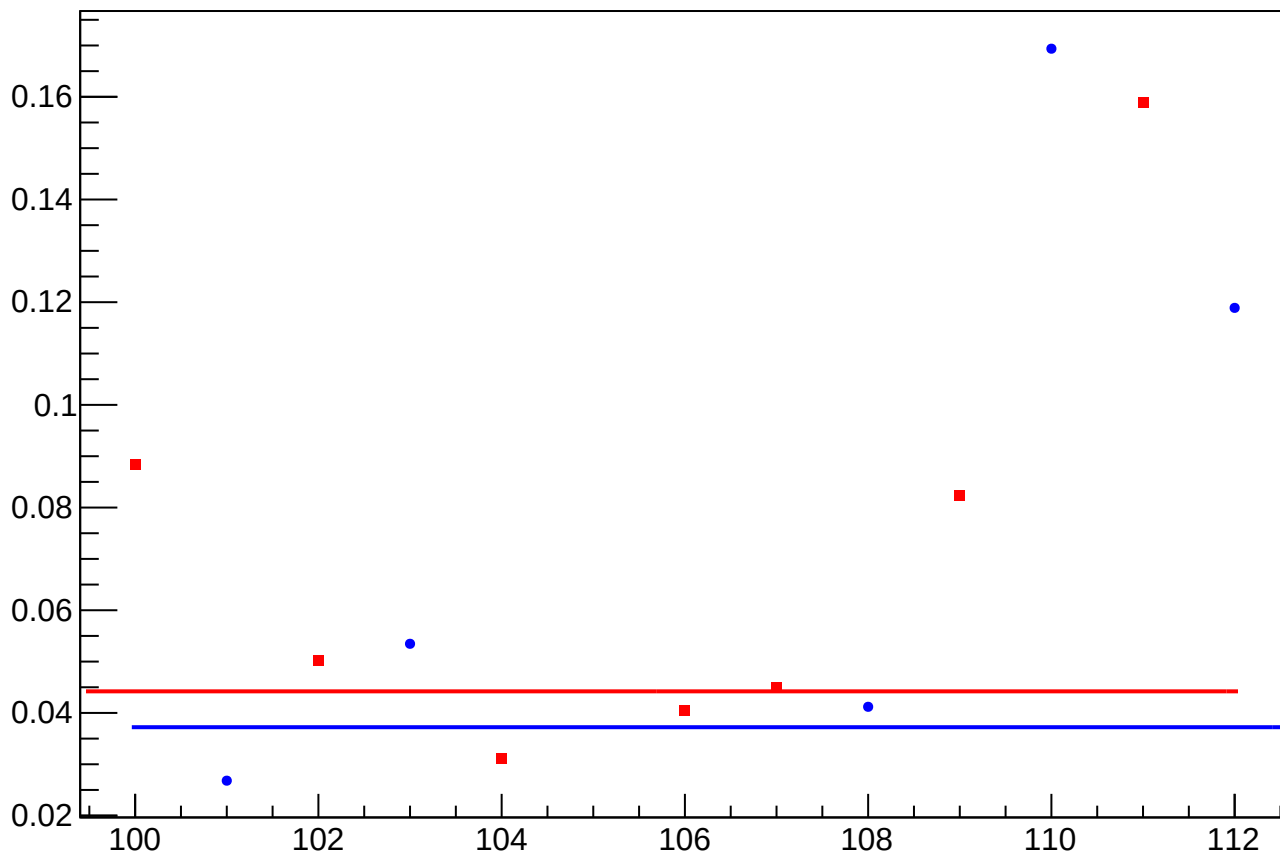
Right: 0.666 $\pm$ 0.000 χ^2 /NDF: 296905763.2/11

In: 0.594 $\pm$ 0.000 χ^2 /NDF:126471173.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.666 $\pm$ 0.000 χ^2 /NDF: 296905763.2/11

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.037+/-0.000 χ^2/NDF : 1114650.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.044+/-0.000 χ^2/NDF : 815478.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

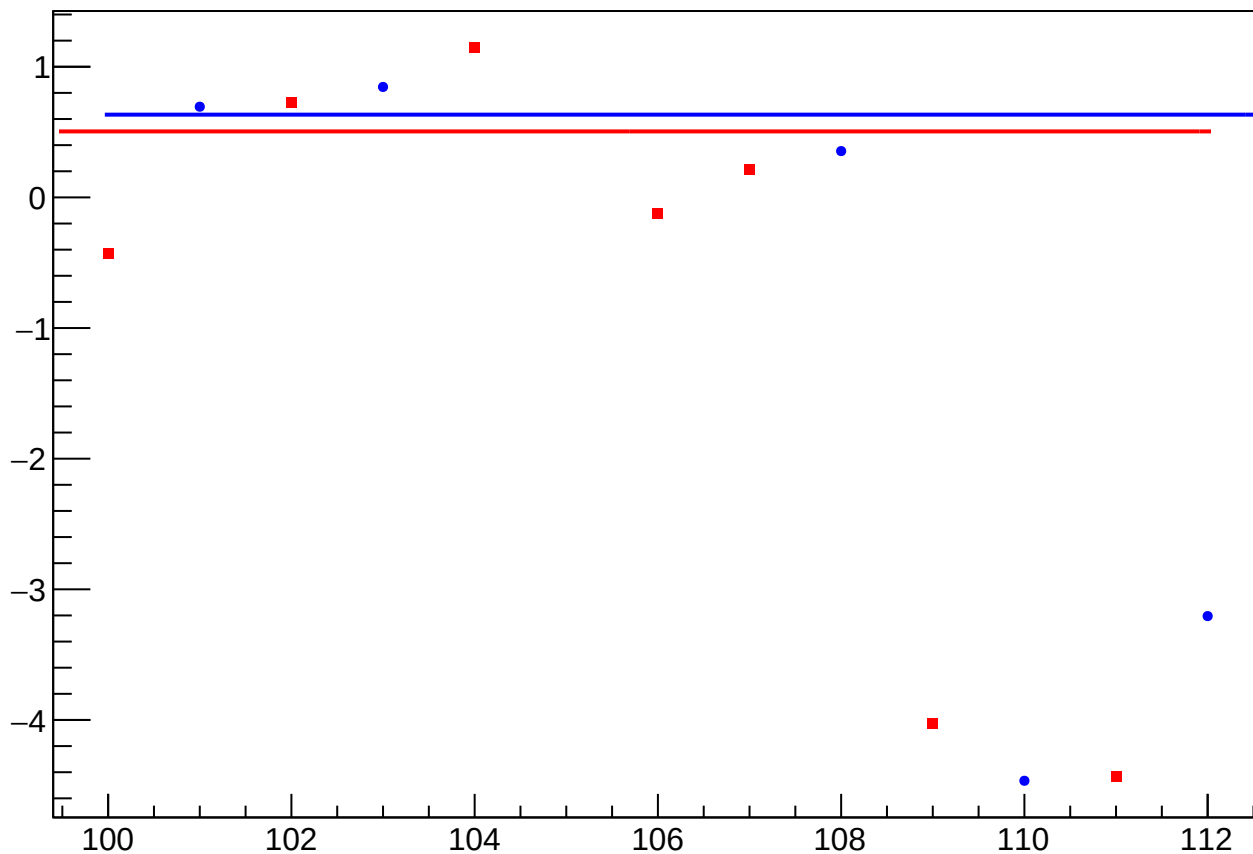
Right: 0.040+/-0.000 χ^2/NDF : 1981403.5/11

In: 0.037+/-0.000 χ^2/NDF : 1114650.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.040+/-0.000 χ^2/NDF : 1981403.5/11

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.633+/-0.000 χ^2/NDF : 1240395991.5/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.505+/-0.000 χ^2/NDF : 3588449023.6/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

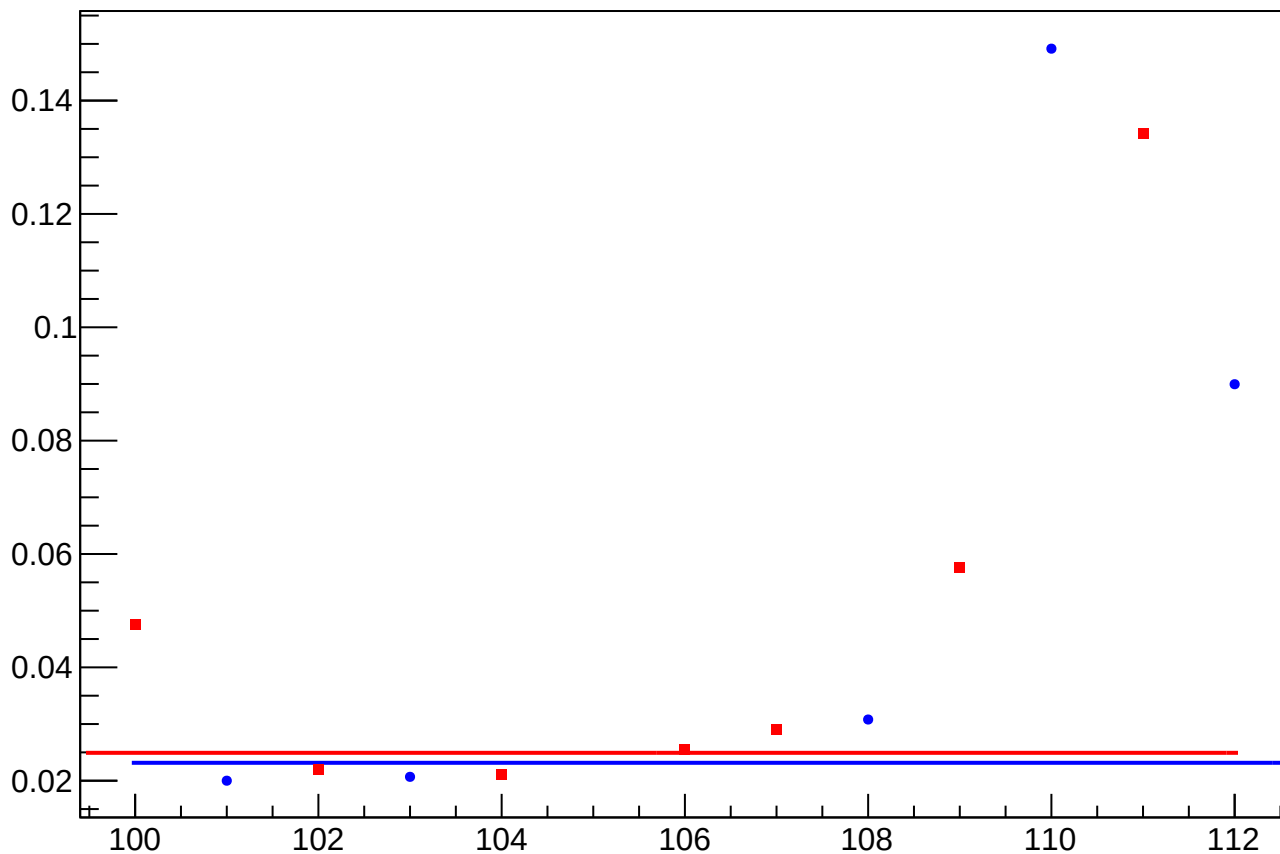
Right: 0.570+/-0.000 χ^2/NDF : 4854138158.9/11

In: 0.633+/-0.000 χ^2/NDF :1240395991.5/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.570+/-0.000 χ^2/NDF : 4854138158.9/11

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 1041226.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.025+/-0.000 χ^2/NDF : 889207.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

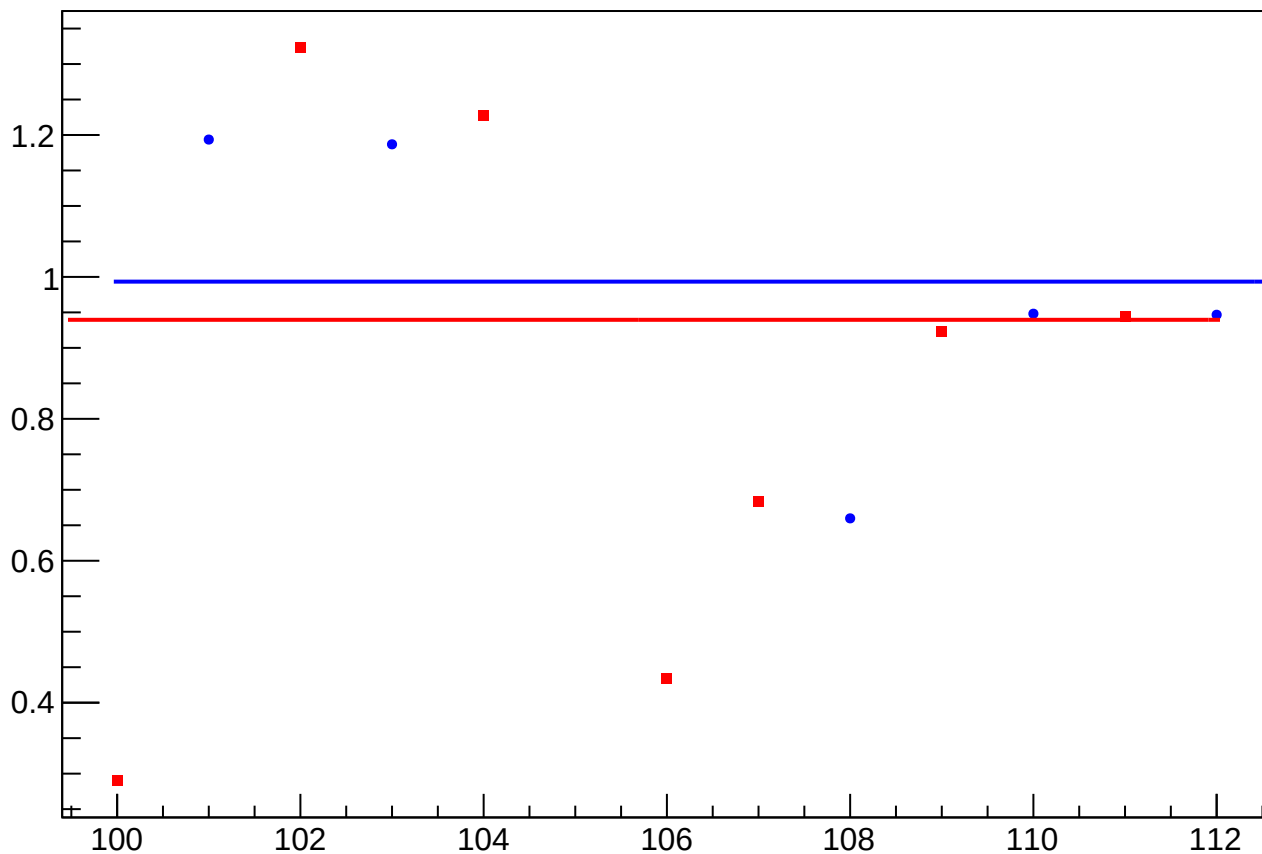
Right: 0.024+/-0.000 χ^2/NDF : 1939966.8/11

In: 0.023+/-0.000 χ^2/NDF : 1041226.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 1939966.8/11

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.993+/-0.000 χ^2/NDF : 221853381.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.940+/-0.000 χ^2/NDF : 440311311.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

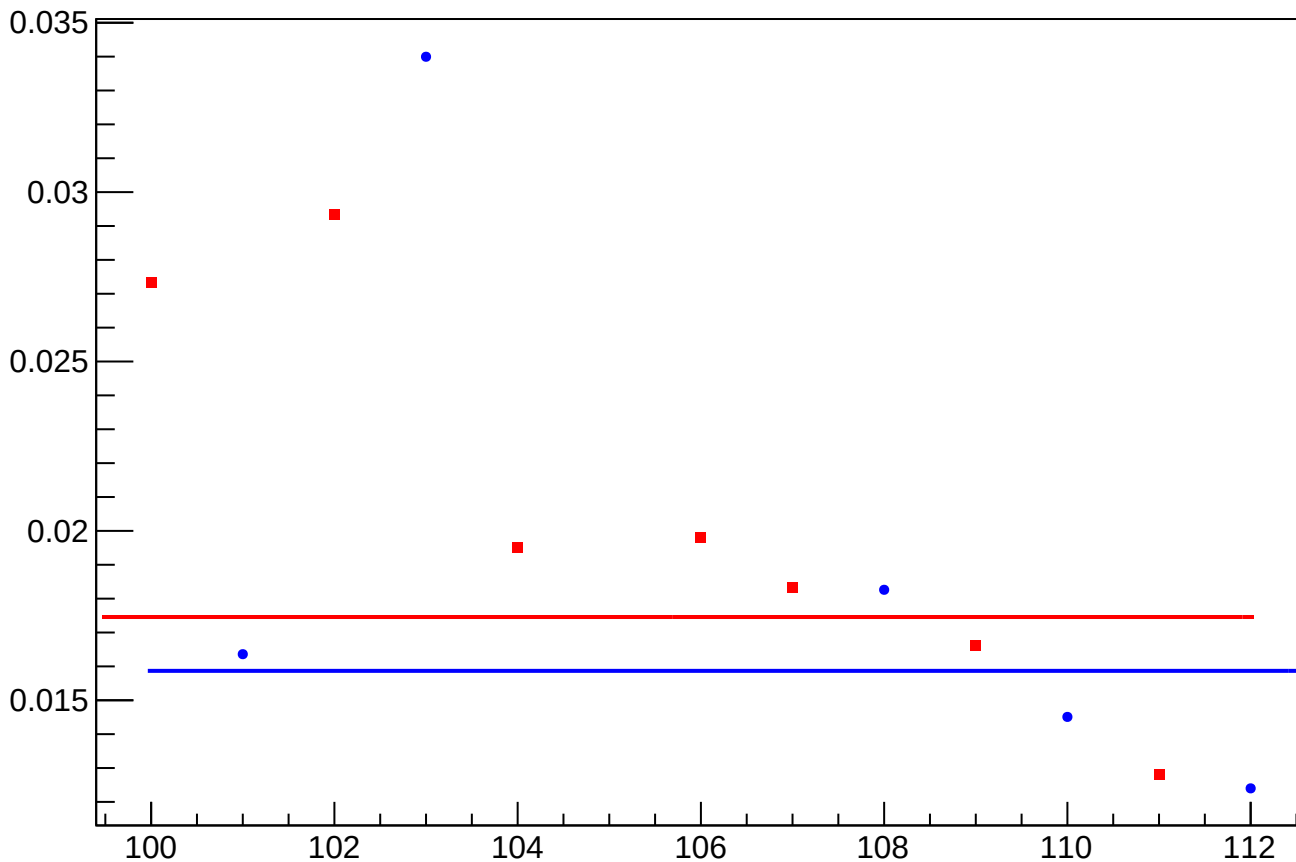
Right: 0.968+/-0.000 χ^2/NDF : 673251951.6/11

In: 0.993+/-0.000 χ^2/NDF : 221853381.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.968+/-0.000 χ^2/NDF : 673251951.6/11

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 409049.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.000 χ^2/NDF : 327721.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

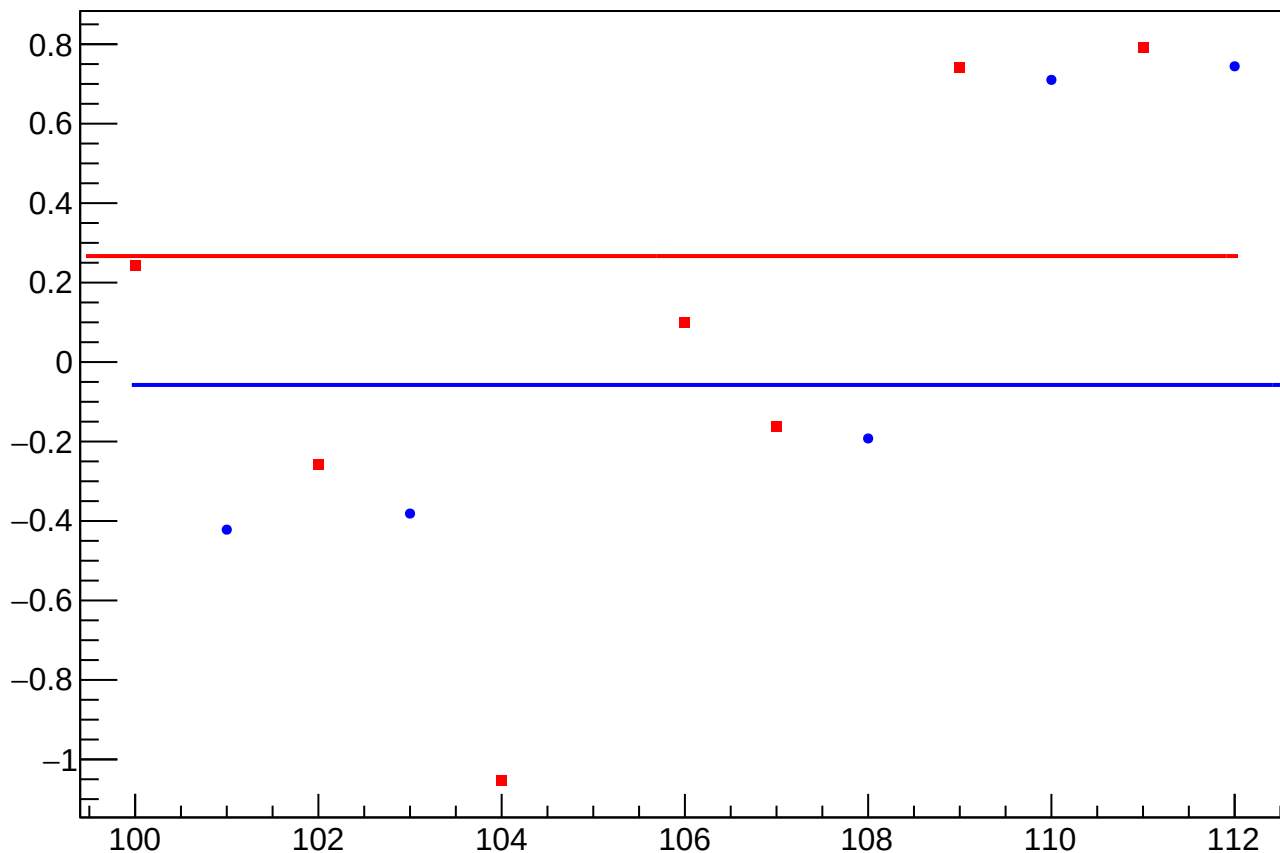
Right: 0.017+/-0.000 χ^2/NDF : 756125.4/11

In: 0.016+/-0.000 χ^2/NDF : 409049.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.000 χ^2/NDF : 756125.4/11

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.058+/-0.000 χ^2/NDF : 1632714492.6/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.267+/-0.000 χ^2/NDF : 5682450608.3/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

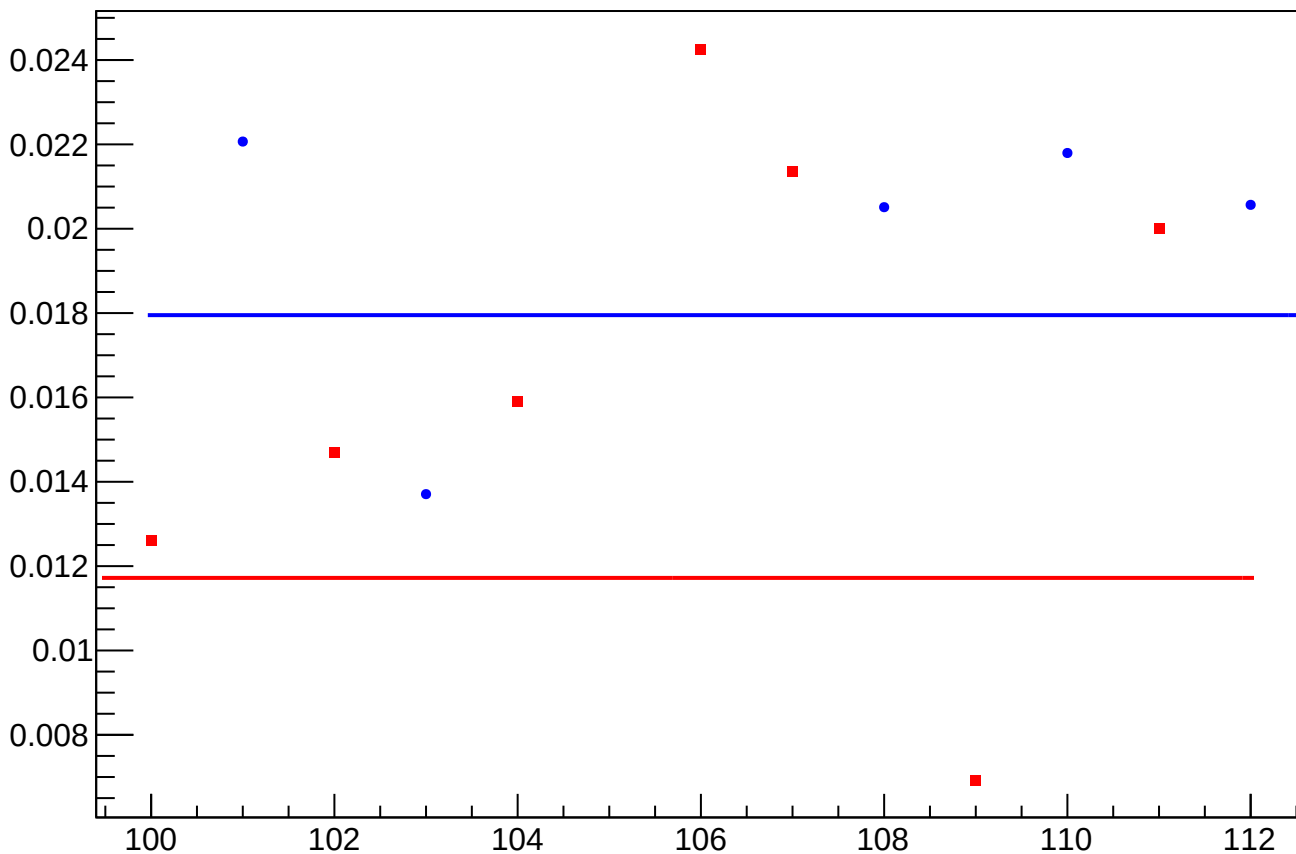
Right: 0.161+/-0.000 χ^2/NDF : 7785723350.5/11

In: -0.058+/-0.000 χ^2/NDF :1632714492.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.161+/-0.000 χ^2/NDF : 7785723350.5/11

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 191269.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 792466.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

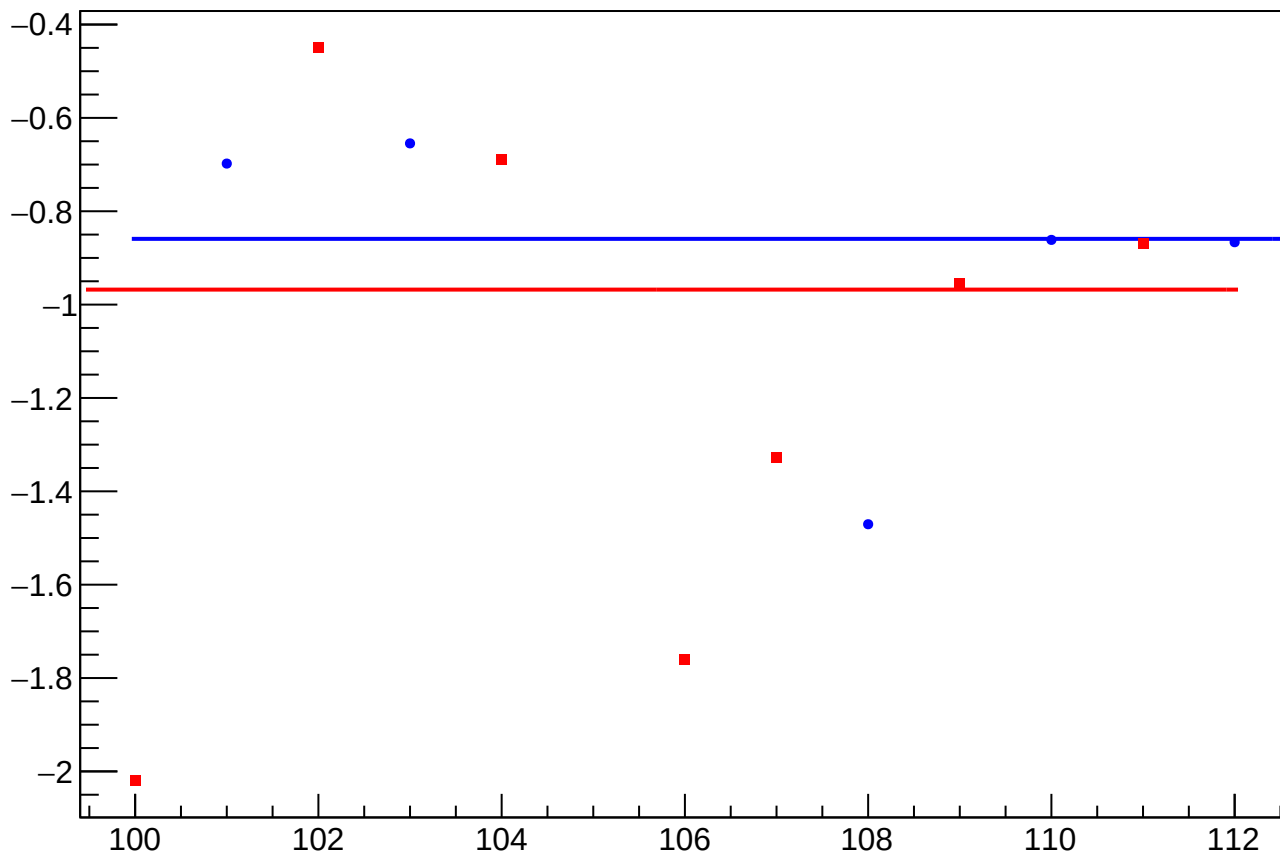
Right: 0.014+/-0.000 χ^2/NDF : 1330909.3/11

In: 0.018+/-0.000 χ^2/NDF : 191269.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 1330909.3/11

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.859+/-0.000 χ^2/NDF : 89916599.5/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.968+/-0.000 χ^2/NDF : 220132115.1/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

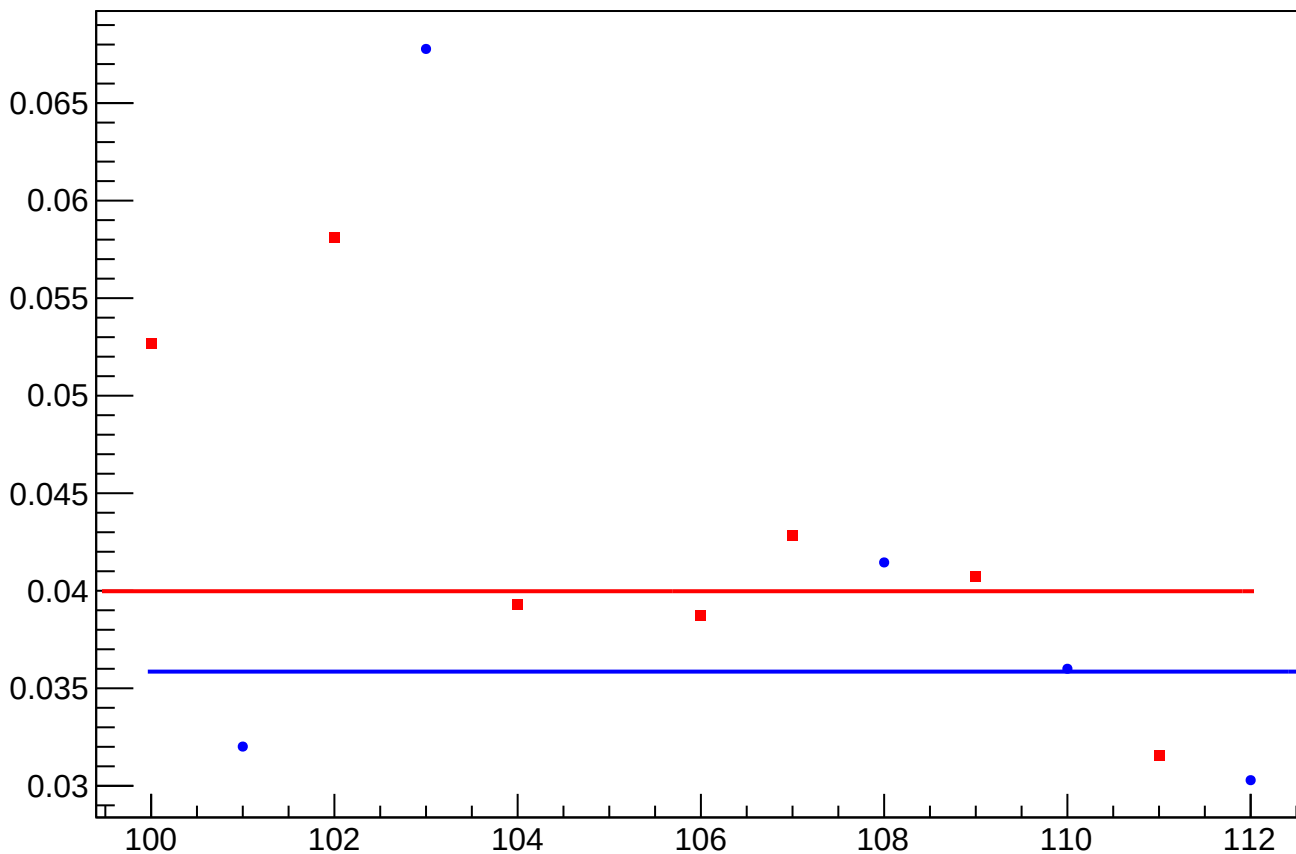
Right: -0.910+/-0.000 χ^2/NDF : 318954730.3/11

In: -0.859+/-0.000 χ^2/NDF :89916599.5/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.910+/-0.000 χ^2/NDF : 318954730.3/11

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.036+/-0.000 χ^2/NDF : 304894.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.040+/-0.000 χ^2/NDF : 174771.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

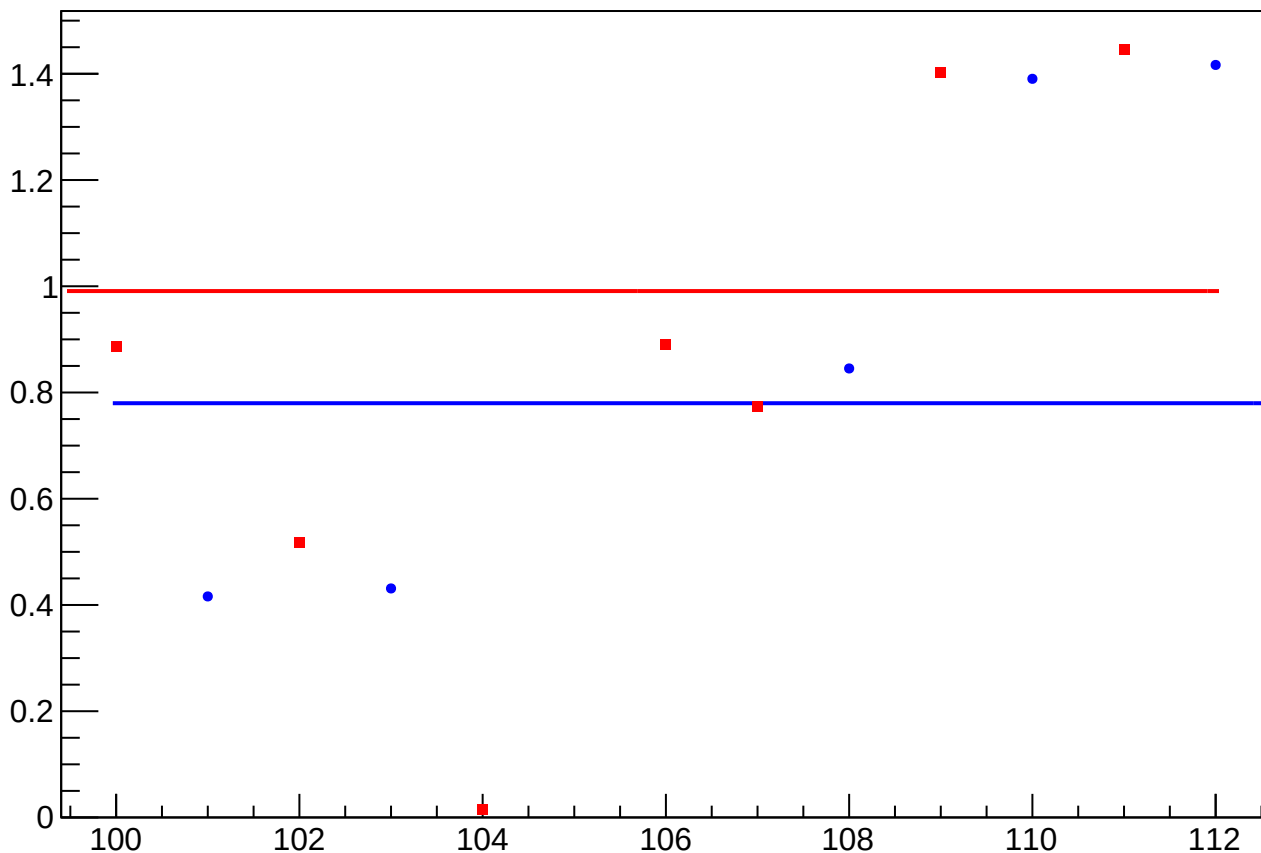
Right: 0.038+/-0.000 χ^2/NDF : 505260.7/11

In: 0.036+/-0.000 χ^2/NDF : 304894.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.038+/-0.000 χ^2/NDF : 505260.7/11

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.780+/-0.000 χ^2/NDF : 2638312377.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.991+/-0.000 χ^2/NDF : 6354360924.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

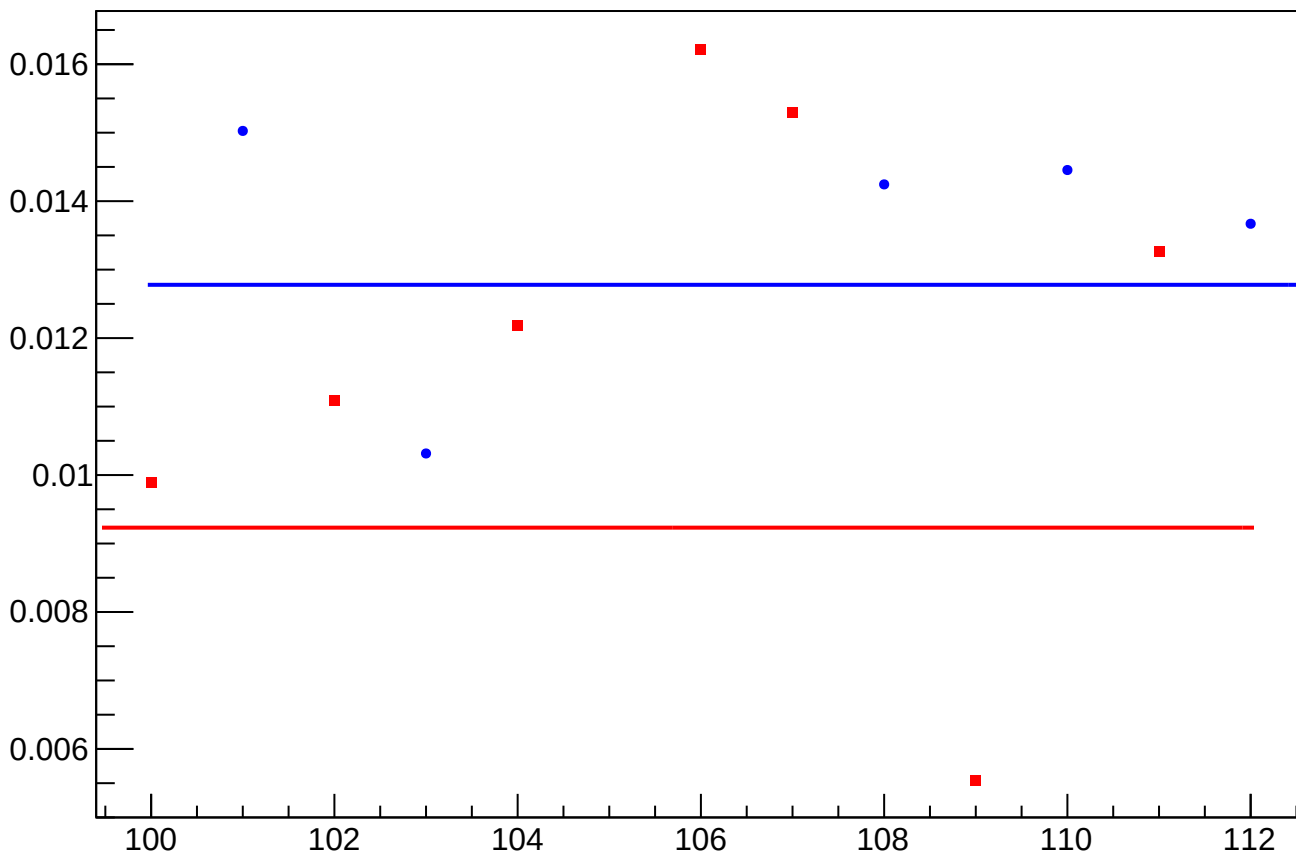
Right: 0.915+/-0.000 χ^2/NDF : 9369743191.9/11

In: 0.780+/-0.000 χ^2/NDF : 2638312377.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.915+/-0.000 χ^2/NDF : 9369743191.9/11

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 107646.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 611016.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

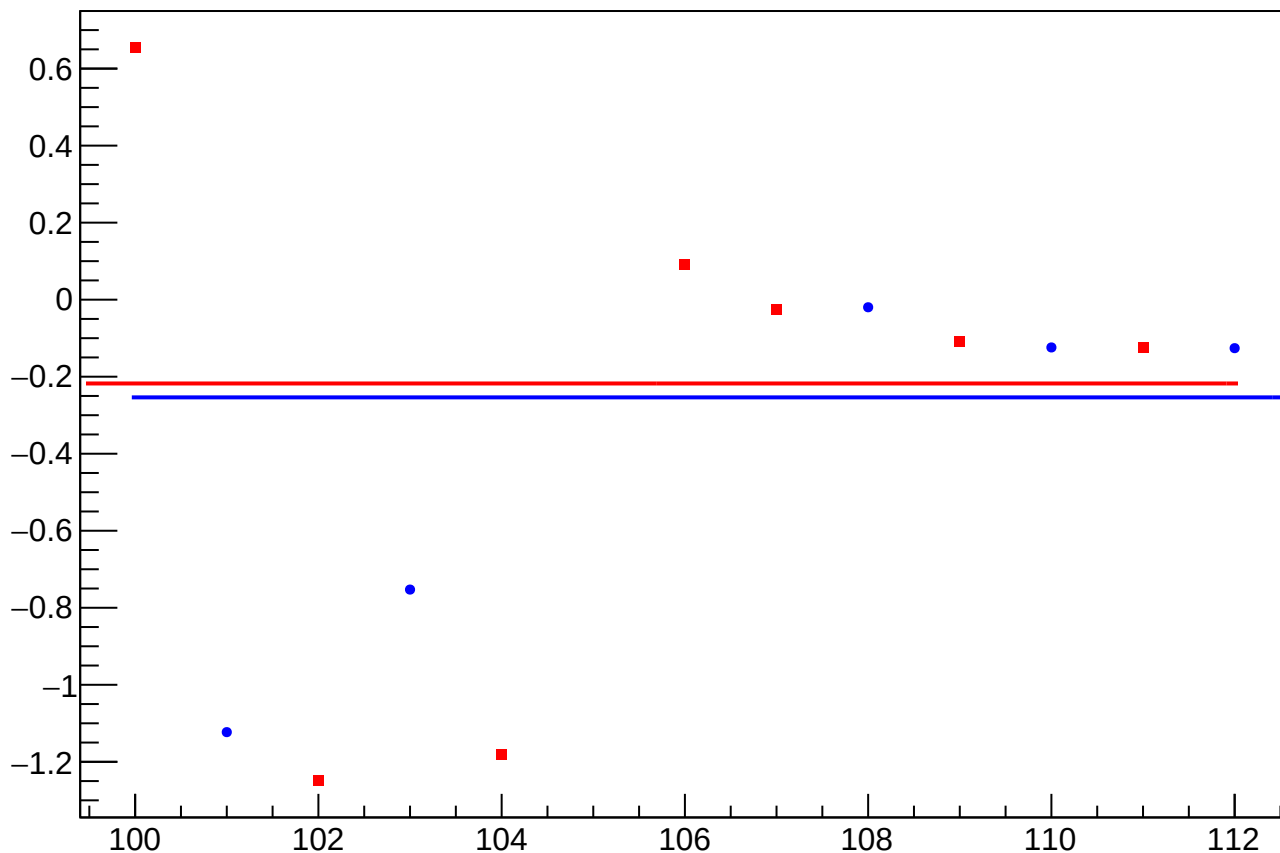
Right: 0.011+/-0.000 χ^2/NDF : 931442.7/11

In: 0.013+/-0.000 χ^2/NDF : 107646.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 931442.7/11

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.254+/-0.000 χ^2/NDF : 527158167.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.218+/-0.000 χ^2/NDF : 484121375.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

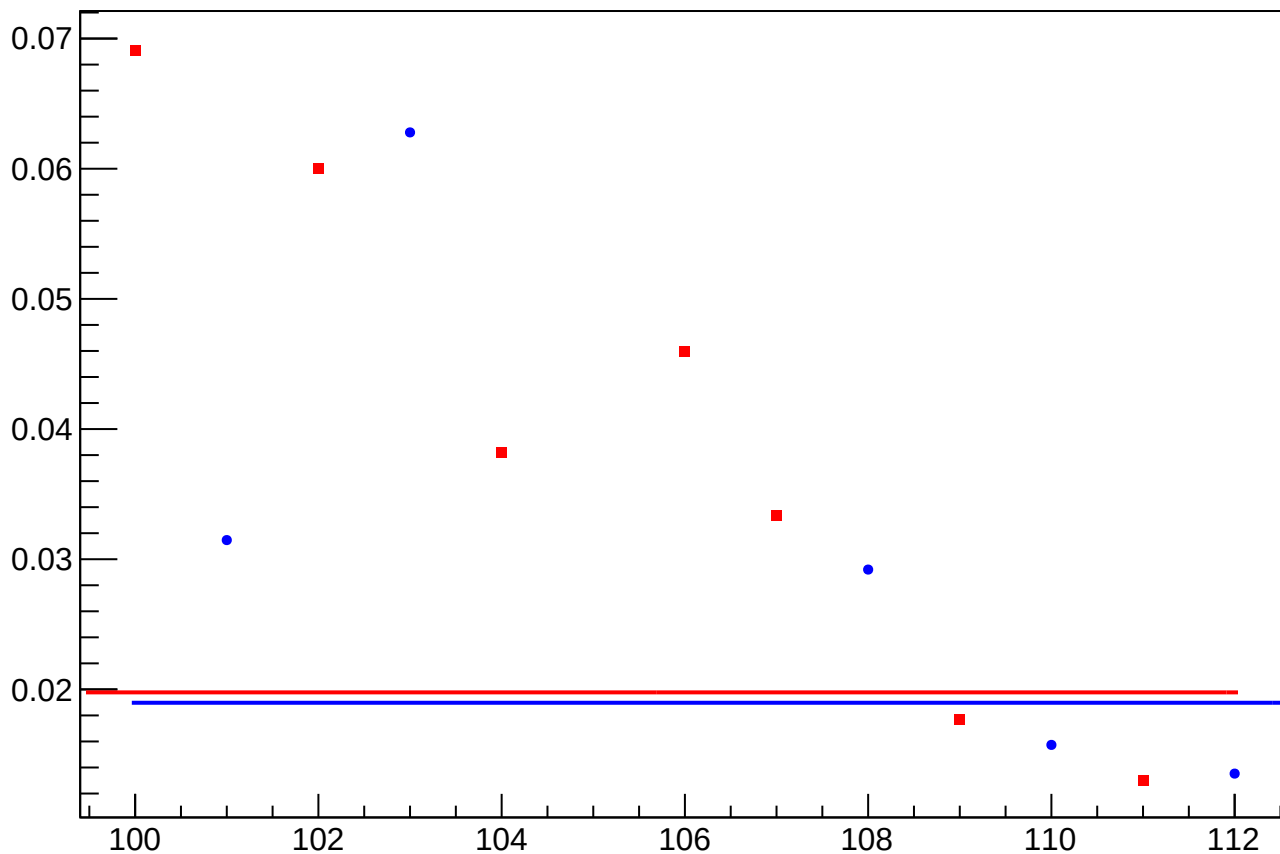
Right: -0.236+/-0.000 χ^2/NDF : 1014150641.2/11

In: -0.254+/-0.000 χ^2/NDF : 527158167.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.236+/-0.000 χ^2/NDF : 1014150641.2/11

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 940301.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.020+/-0.000 χ^2/NDF : 1195376.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

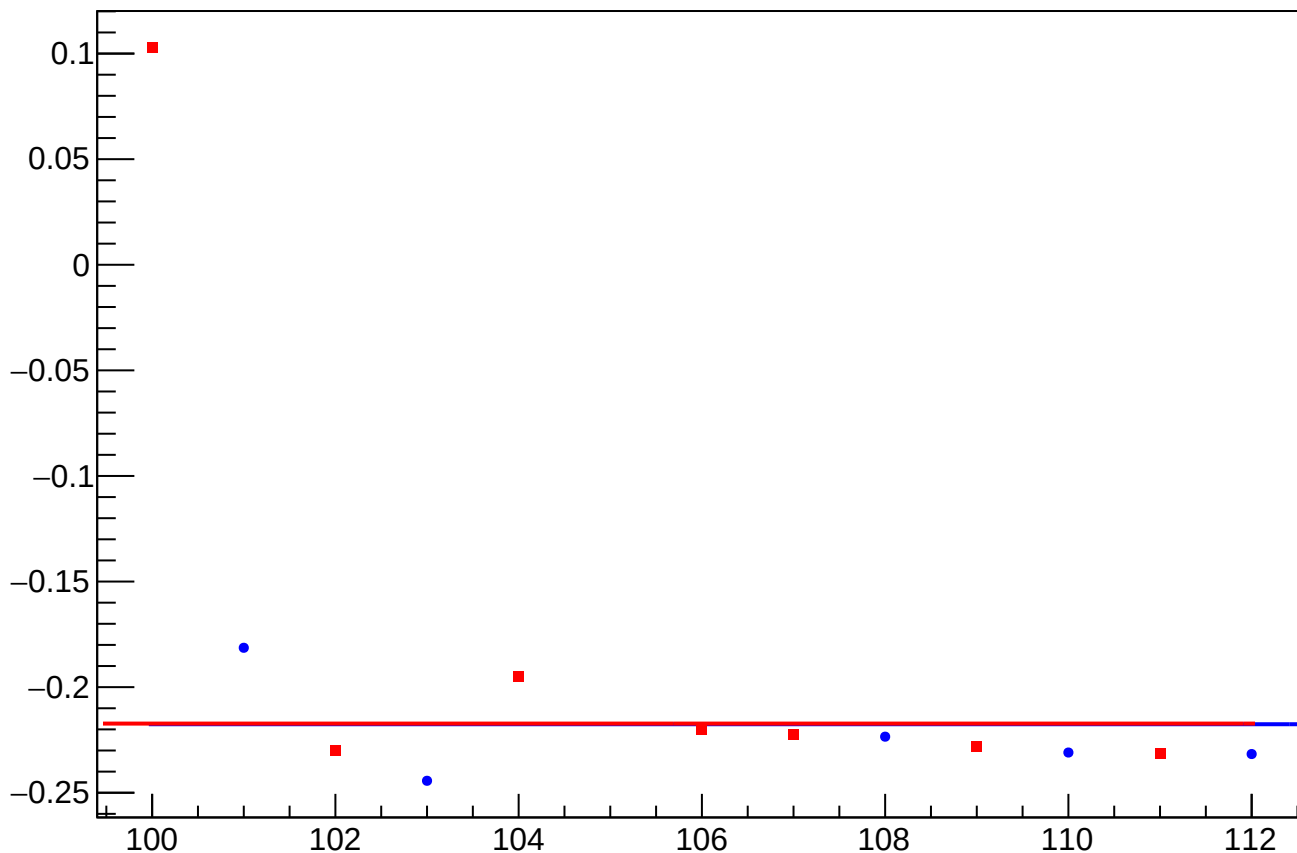
Right: 0.019+/-0.000 χ^2/NDF : 2138480.2/11

In: 0.019+/-0.000 χ^2/NDF : 940301.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.000 χ^2/NDF : 2138480.2/11

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.218+/-0.000 χ^2/NDF : 47501425.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.217+/-0.000 χ^2/NDF : 151998954.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

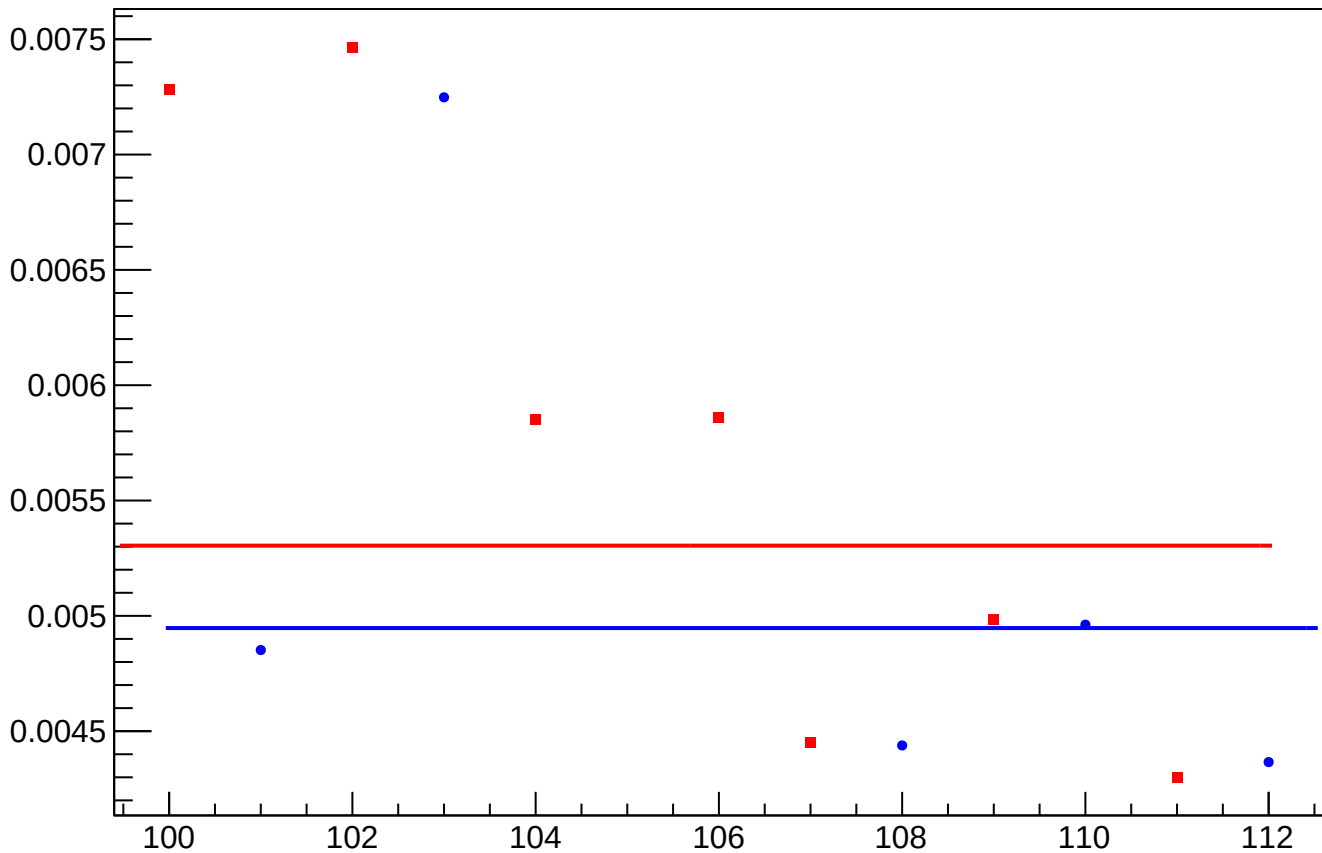
Right: -0.217+/-0.000 χ^2/NDF : 199504462.6/11

In: -0.218+/-0.000 χ^2/NDF : 47501425.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.217+/-0.000 χ^2/NDF : 199504462.6/11

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 138399.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 187834.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

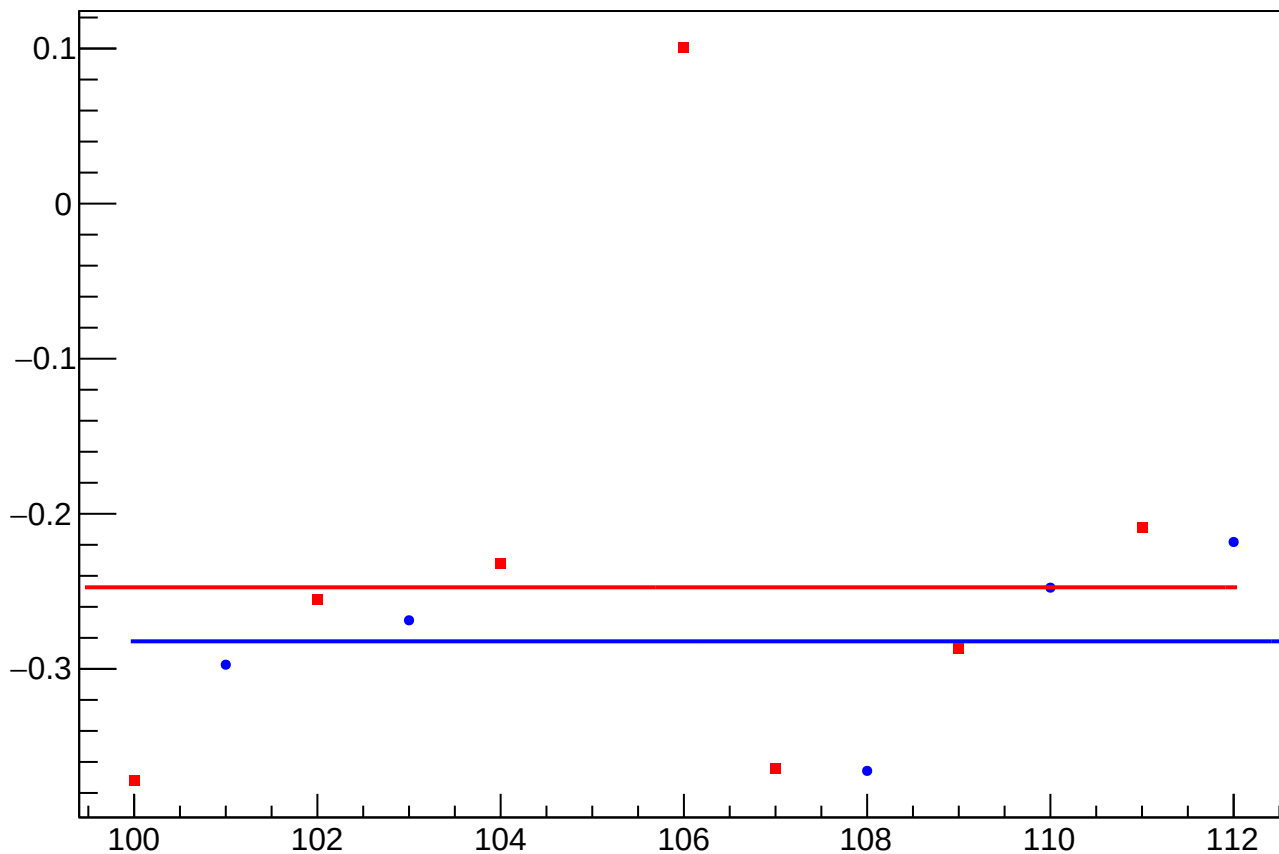
Right: 0.005+/-0.000 χ^2/NDF : 337353.1/11

In: 0.005+/-0.000 χ^2/NDF : 138399.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 337353.1/11

yield_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -0.282+/-0.000 χ^2/NDF : 132698675.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.247+/-0.000 χ^2/NDF : 521432716.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

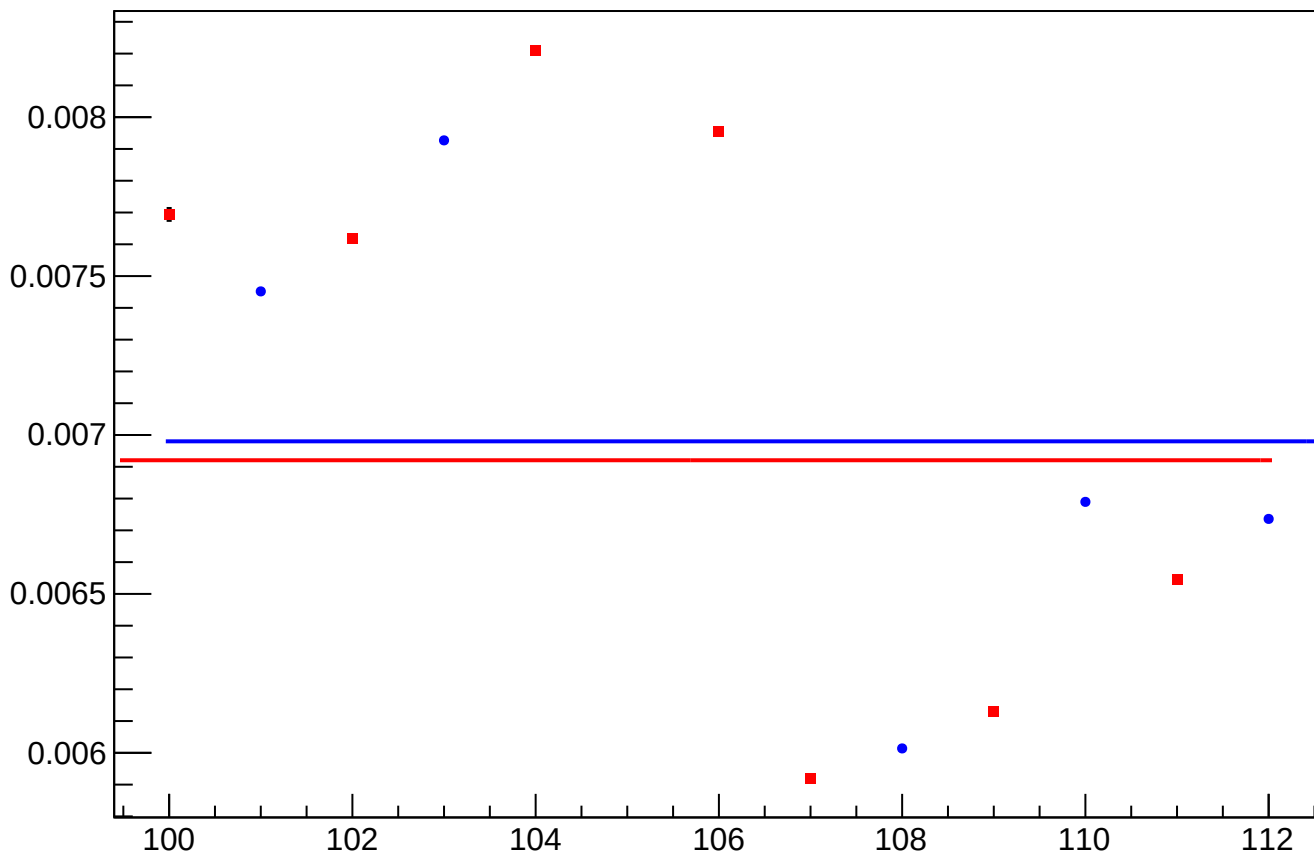
Right: -0.264+/-0.000 χ^2/NDF : 685724053.2/11

In: -0.282+/-0.000 χ^2/NDF : 132698675.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.264+/-0.000 χ^2/NDF : 685724053.2/11

yield_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 44208.7/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 77790.8/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

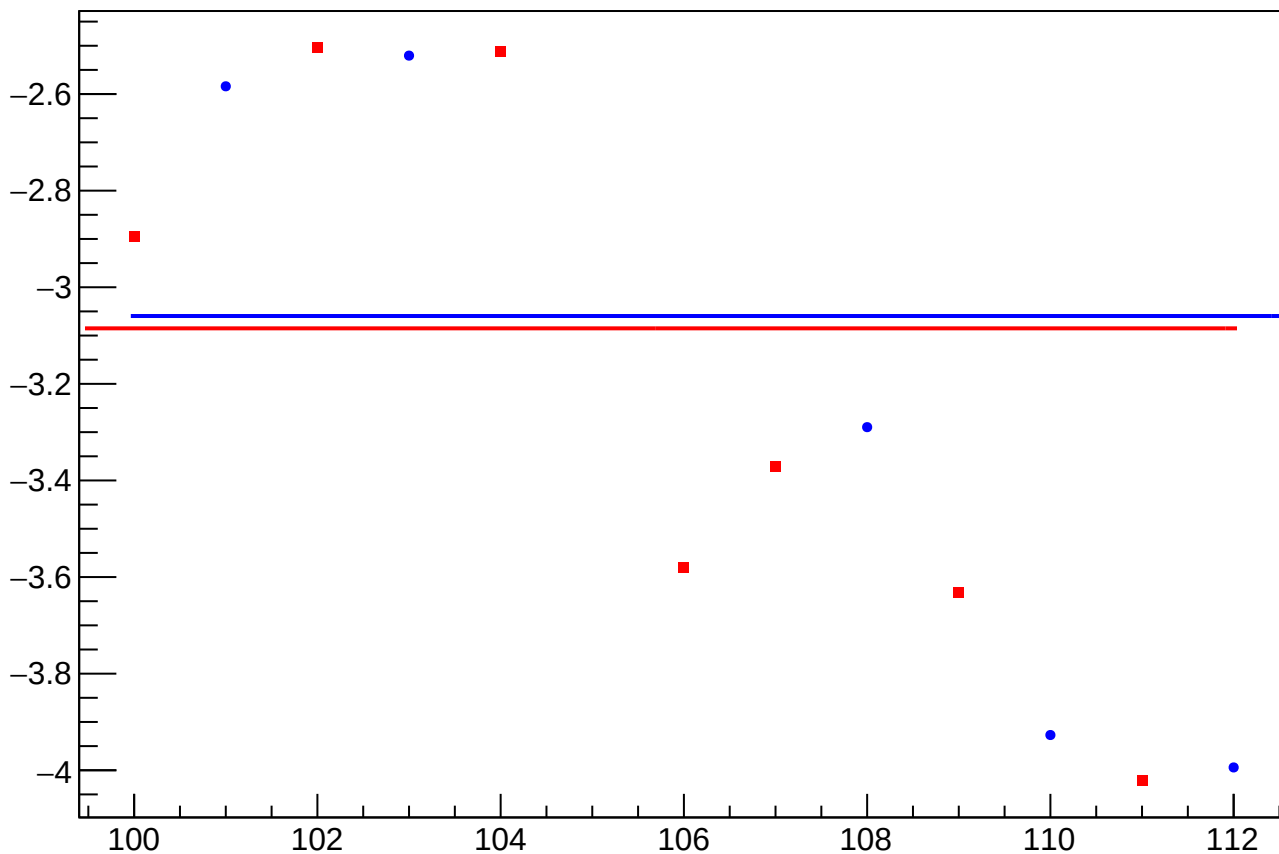
Right: 0.007+/-0.000 χ^2/NDF : 122184.1/11

In: 0.007+/-0.000 χ^2/NDF :44208.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 122184.1/11

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -3.060 ± 0.000 χ^2/NDF : 16559295461.5/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.085 ± 0.000 χ^2/NDF : 16020176824.0/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

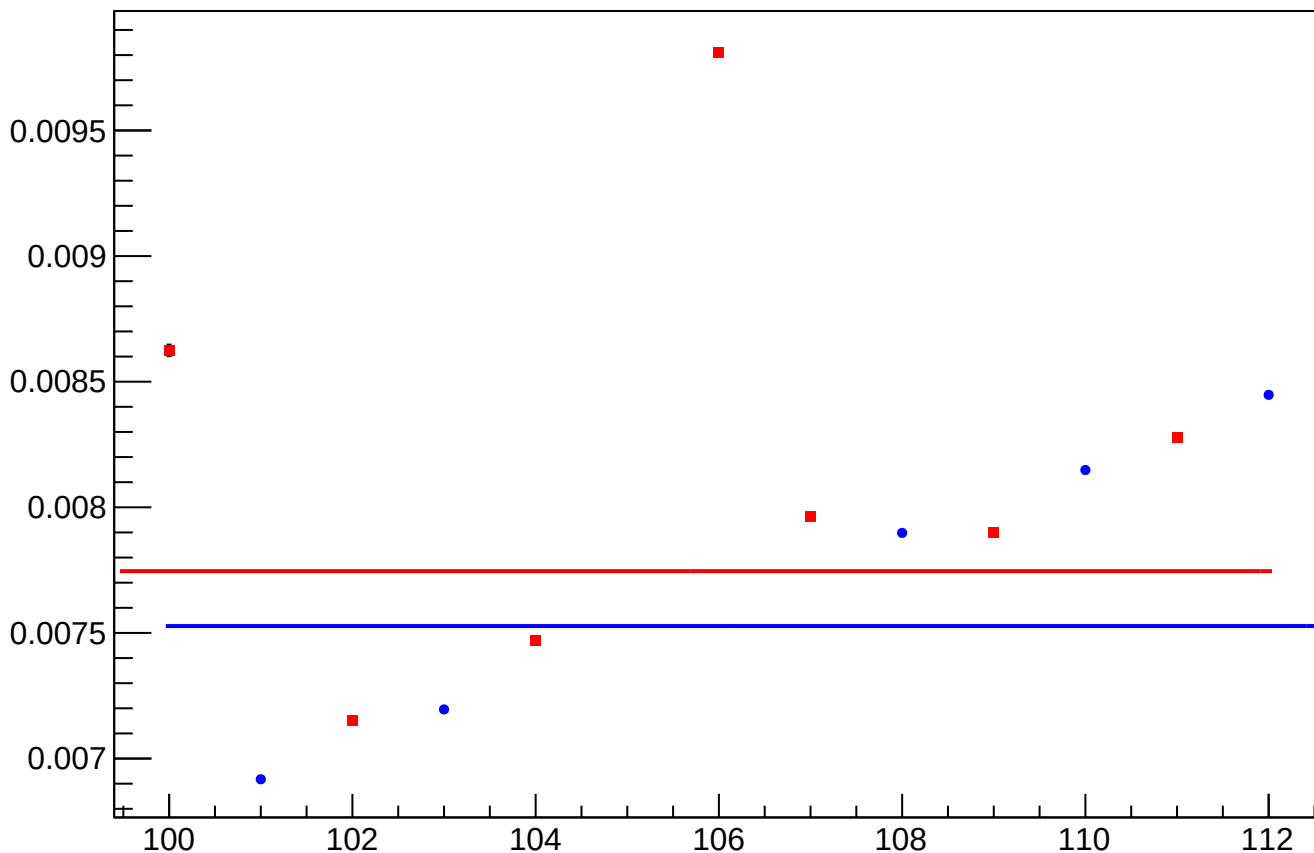
Right: -3.072 ± 0.000 χ^2/NDF : 32593394409.4/11

In: -3.060 ± 0.000 χ^2/NDF : 16559295461.5/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.072 ± 0.000 χ^2/NDF : 32593394409.4/11

yield_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 29660.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 30070.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

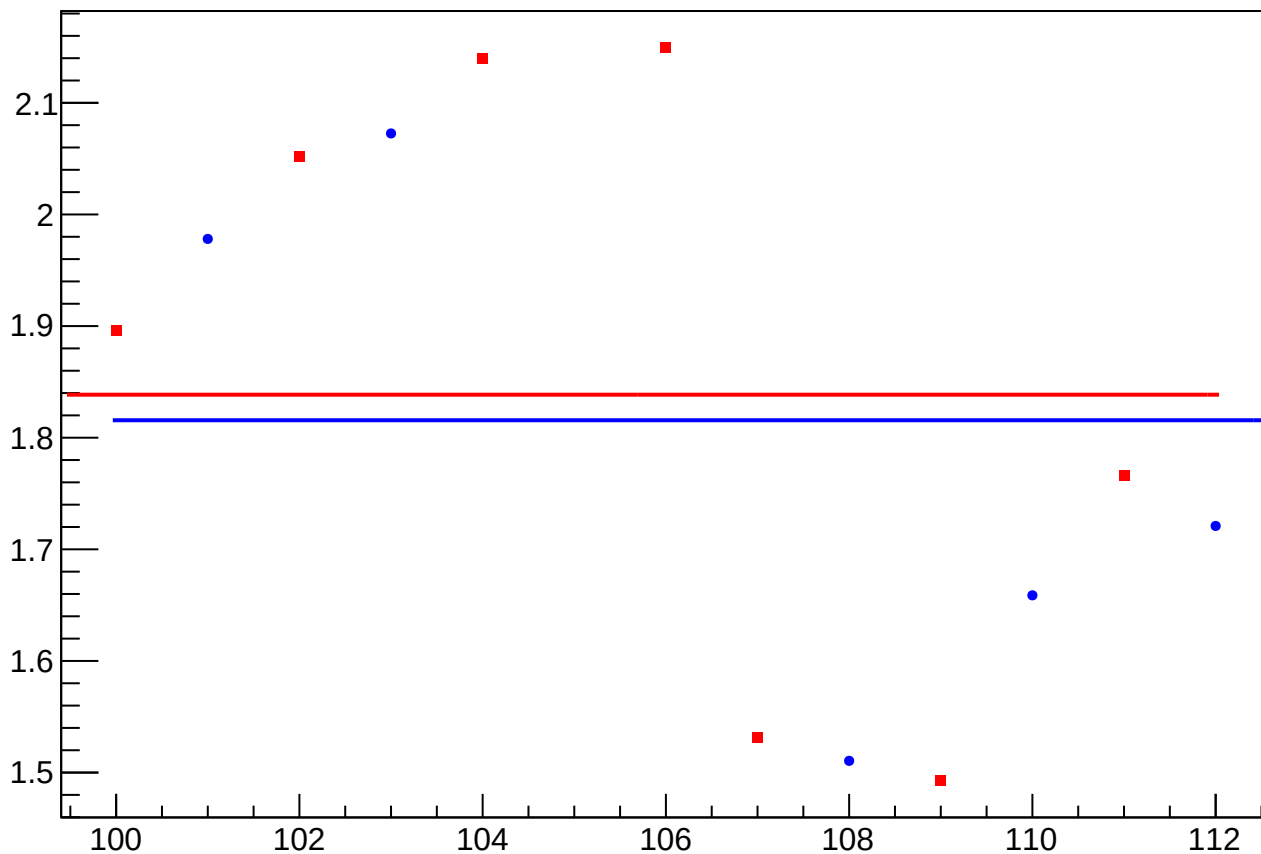
Right: 0.008+/-0.000 χ^2/NDF : 61767.4/11

In: 0.008+/-0.000 χ^2/NDF : 29660.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 61767.4/11

yield_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: 1.816+/-0.000 χ^2/NDF : 673140402.9/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.839+/-0.000 χ^2/NDF : 1137345585.0/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

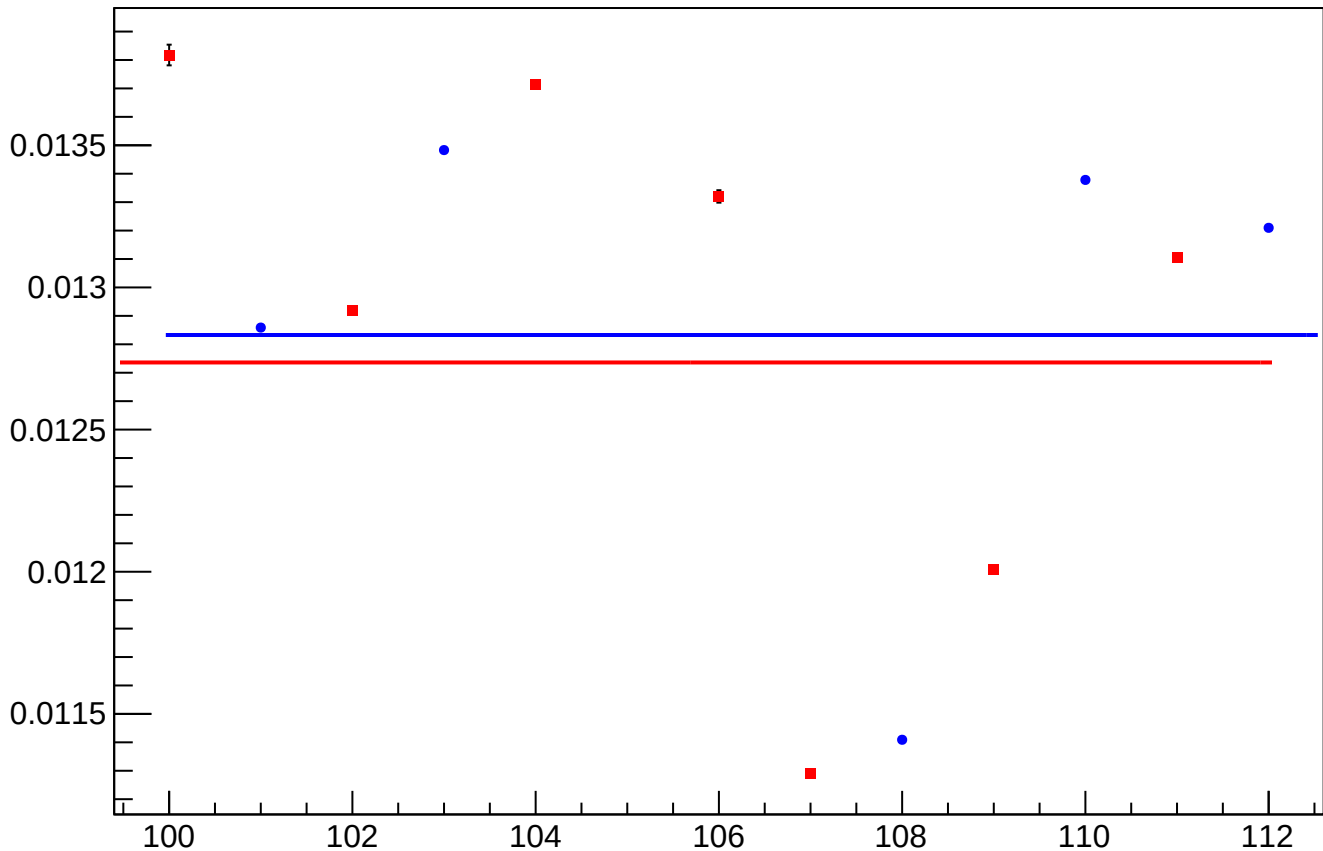
Right: 1.827+/-0.000 χ^2/NDF : 1814516557.6/11

In: 1.816+/-0.000 χ^2/NDF :673140402.9/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.827+/-0.000 χ^2/NDF : 1814516557.6/11

yield_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 16938.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 19333.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

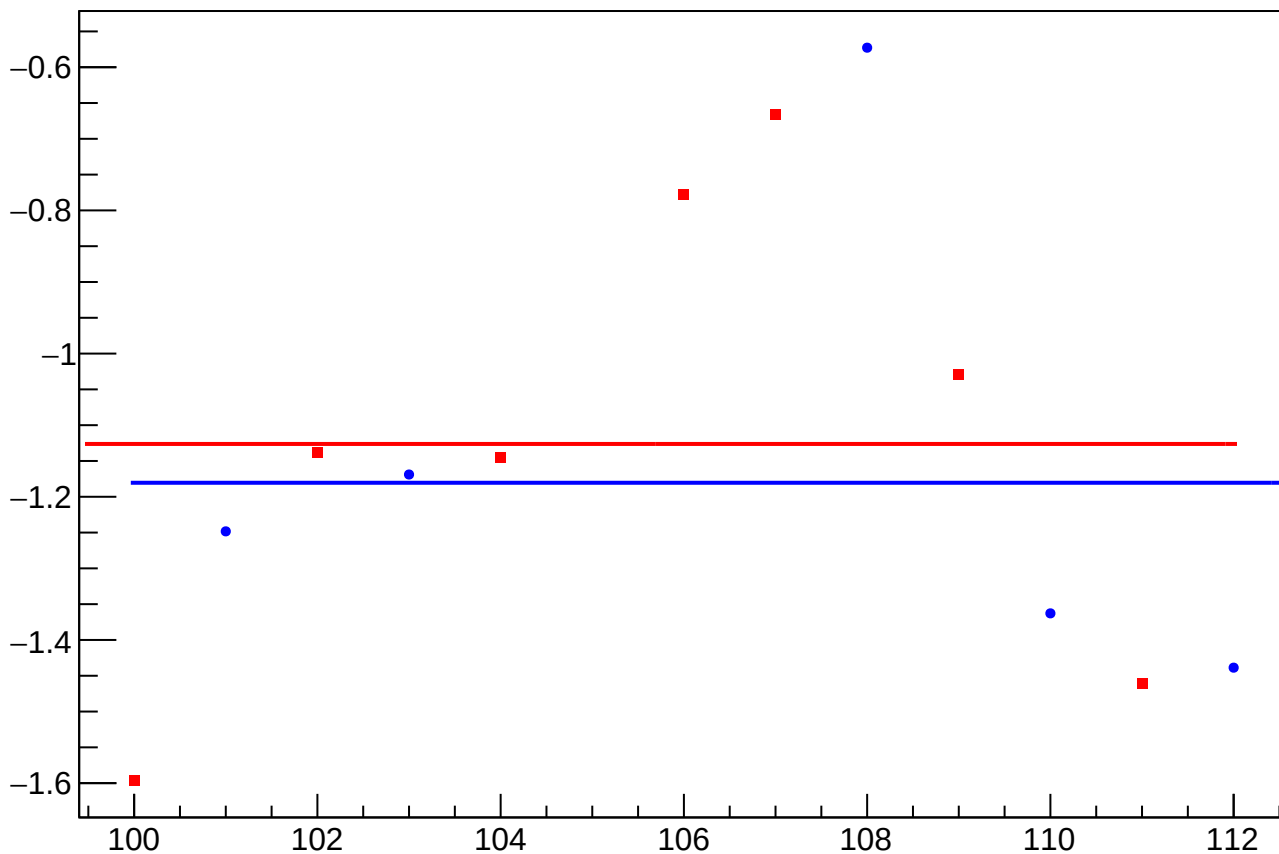
Right: 0.013+/-0.000 χ^2/NDF : 36415.7/11

In: 0.013+/-0.000 χ^2/NDF : 16938.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 36415.7/11

yield_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -1.180+/-0.000 χ^2/NDF : 2105557960.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.126+/-0.000 χ^2/NDF : 1425592932.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

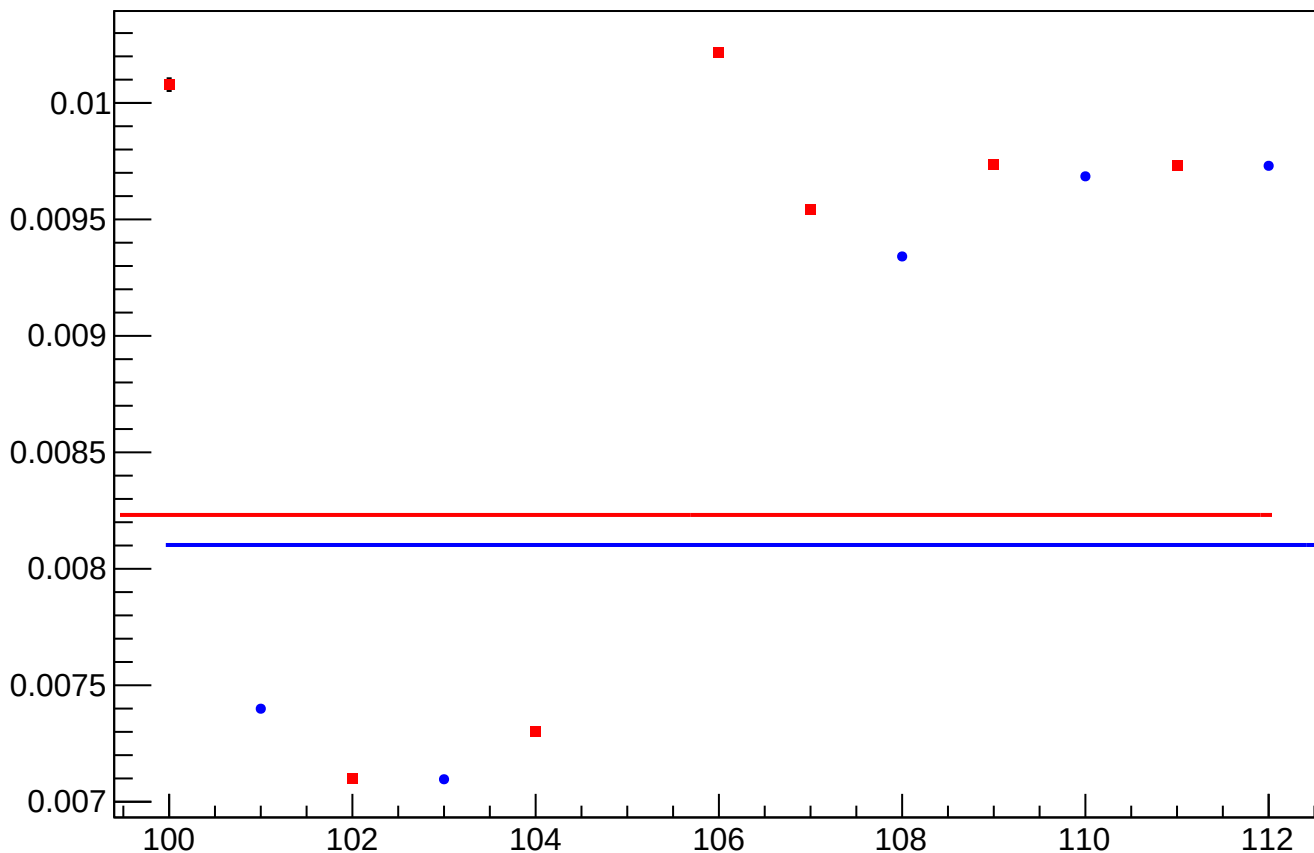
Right: -1.153+/-0.000 χ^2/NDF : 3584048774.5/11

In: -1.180+/-0.000 χ^2/NDF : 2105557960.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.153+/-0.000 χ^2/NDF : 3584048774.5/11

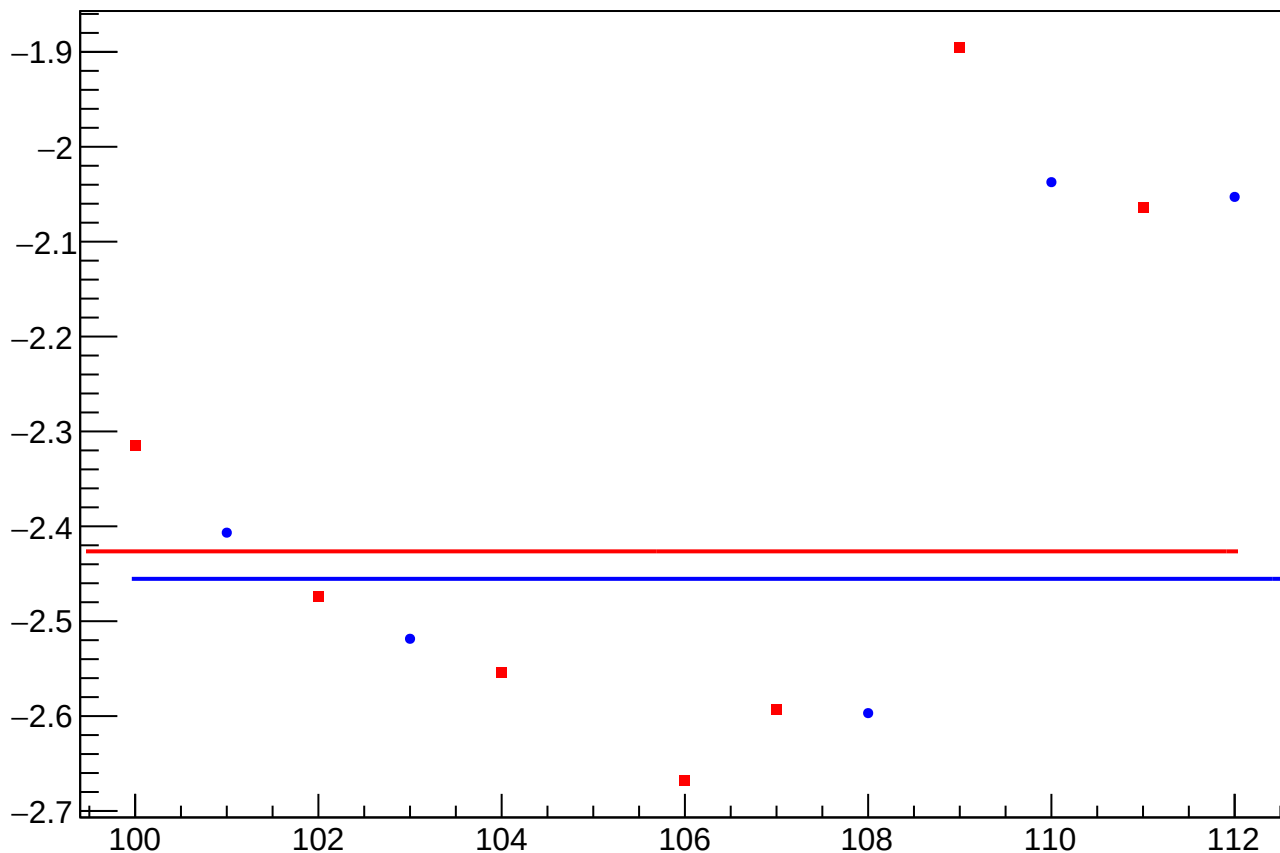
yield_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 92954.2/4
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.008+/-0.000 χ^2/NDF : 116914.3/6
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.008+/-0.000 χ^2/NDF : 210467.1/11
 In: 0.008+/-0.000 χ^2/NDF : 92954.2/4
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.008+/-0.000 χ^2/NDF : 210467.1/11

yield_bpm0i05X_mean vs Slug, Sign Corrected



Right In: -2.455+/-0.000 χ^2/NDF : 794117381.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.426+/-0.000 χ^2/NDF : 2793143053.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

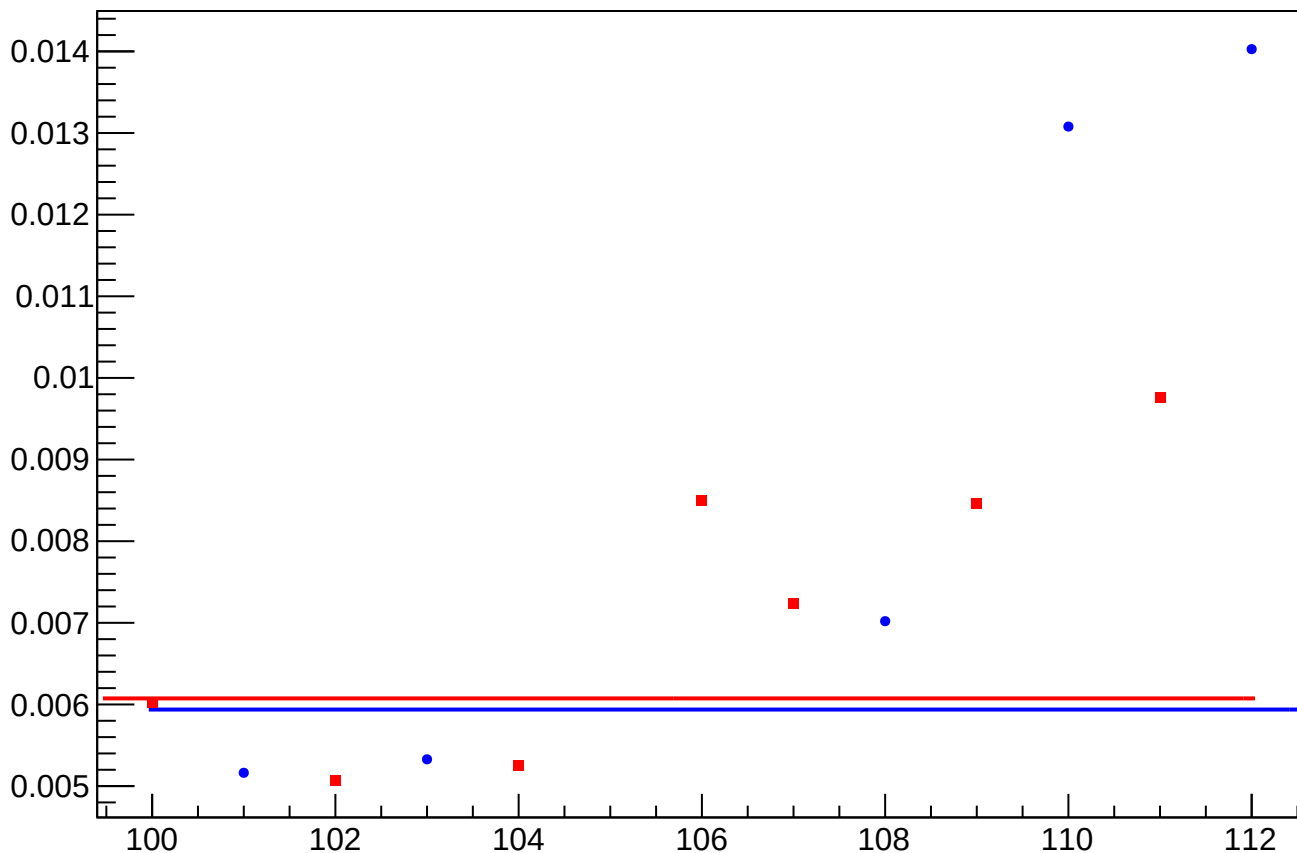
Right: -2.440+/-0.000 χ^2/NDF : 3611560431.9/11

In: -2.455+/-0.000 χ^2/NDF : 794117381.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.440+/-0.000 χ^2/NDF : 3611560431.9/11

yield_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 409479.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 288201.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

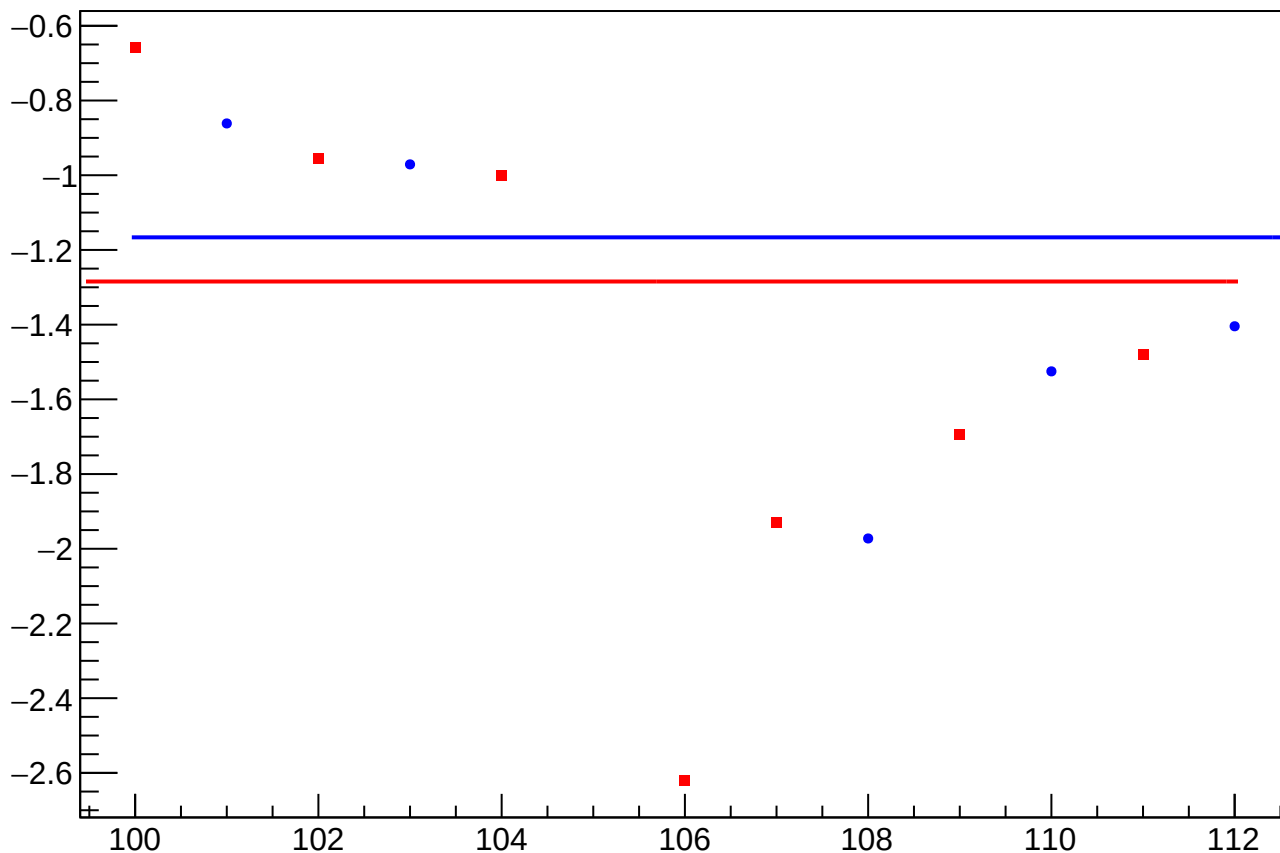
Right: 0.006+/-0.000 χ^2/NDF : 698759.8/11

In: 0.006+/-0.000 χ^2/NDF : 409479.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 698759.8/11

yield_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: -1.166+/-0.000 χ^2/NDF : 10318479327.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.285+/-0.000 χ^2/NDF : 16925029542.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

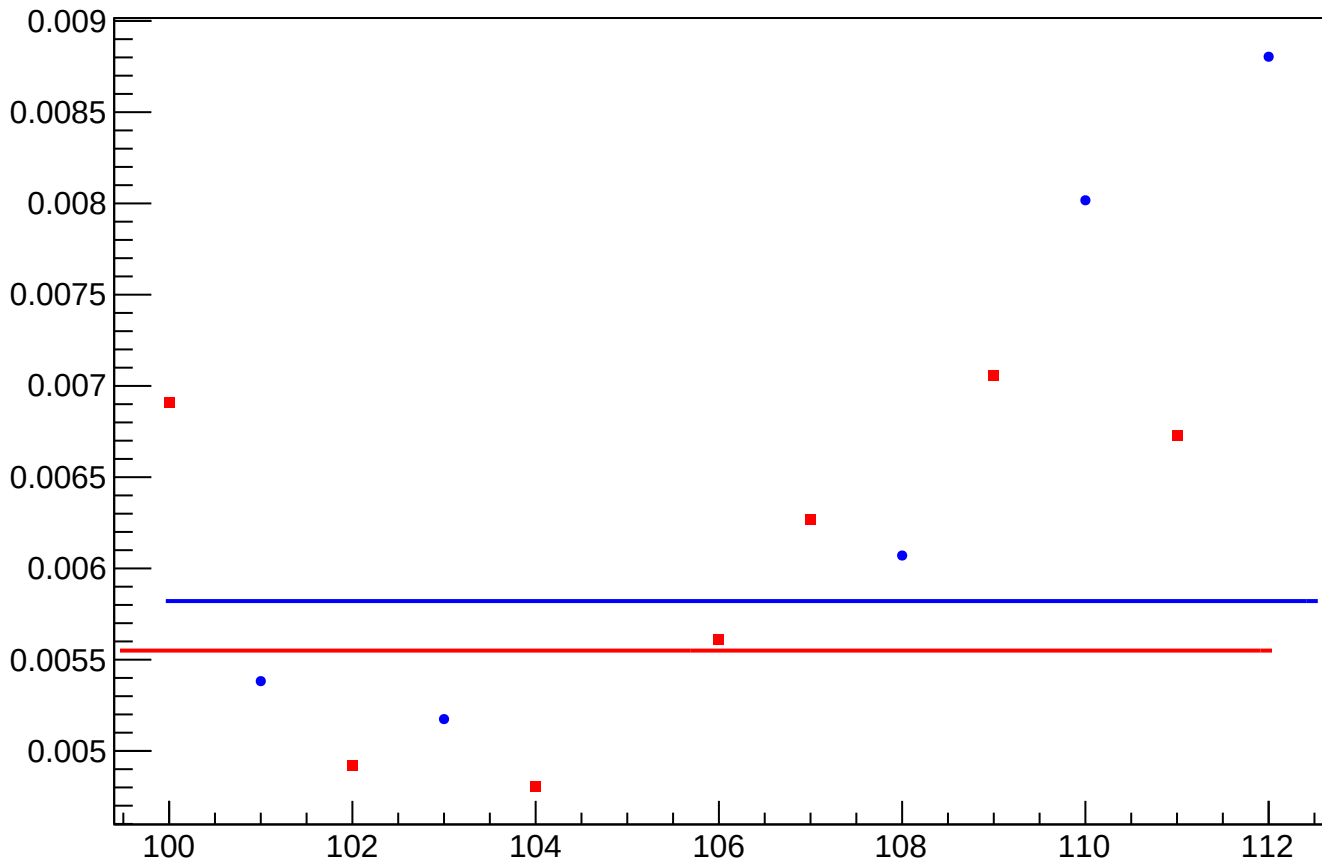
Right: -1.232+/-0.000 χ^2/NDF : 27719516016.4/11

In: -1.166+/-0.000 χ^2/NDF : 10318479327.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.232+/-0.000 χ^2/NDF : 27719516016.4/11

yield_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 137061.3/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 122738.7/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

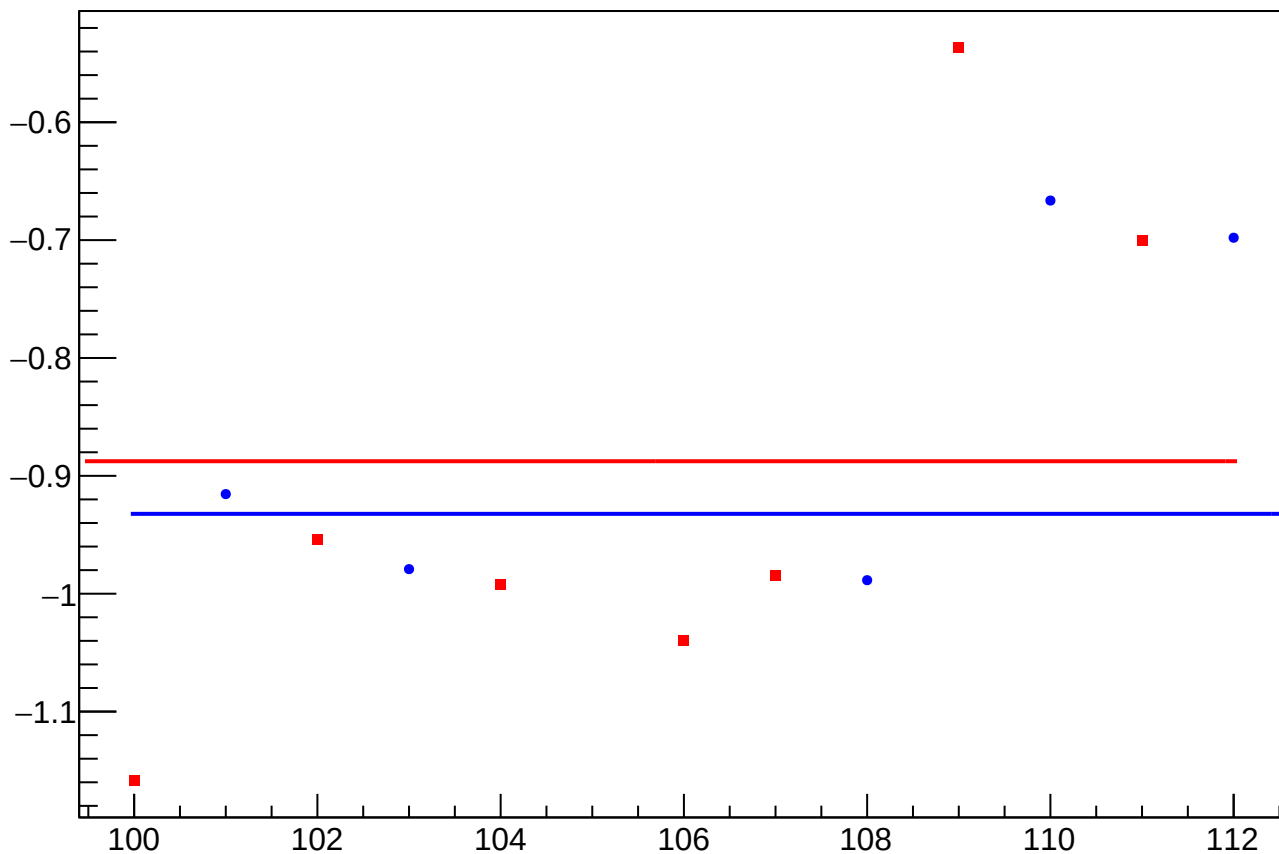
Right: 0.006+/-0.000 χ^2/NDF : 264813.9/11

In: 0.006+/-0.000 χ^2/NDF :137061.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 264813.9/11

yield_bpm0i07X_mean vs Slug, Sign Corrected



Right In: -0.932+/-0.000 χ^2/NDF : 589319595.2/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.888+/-0.000 χ^2/NDF : 3182893895.6/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

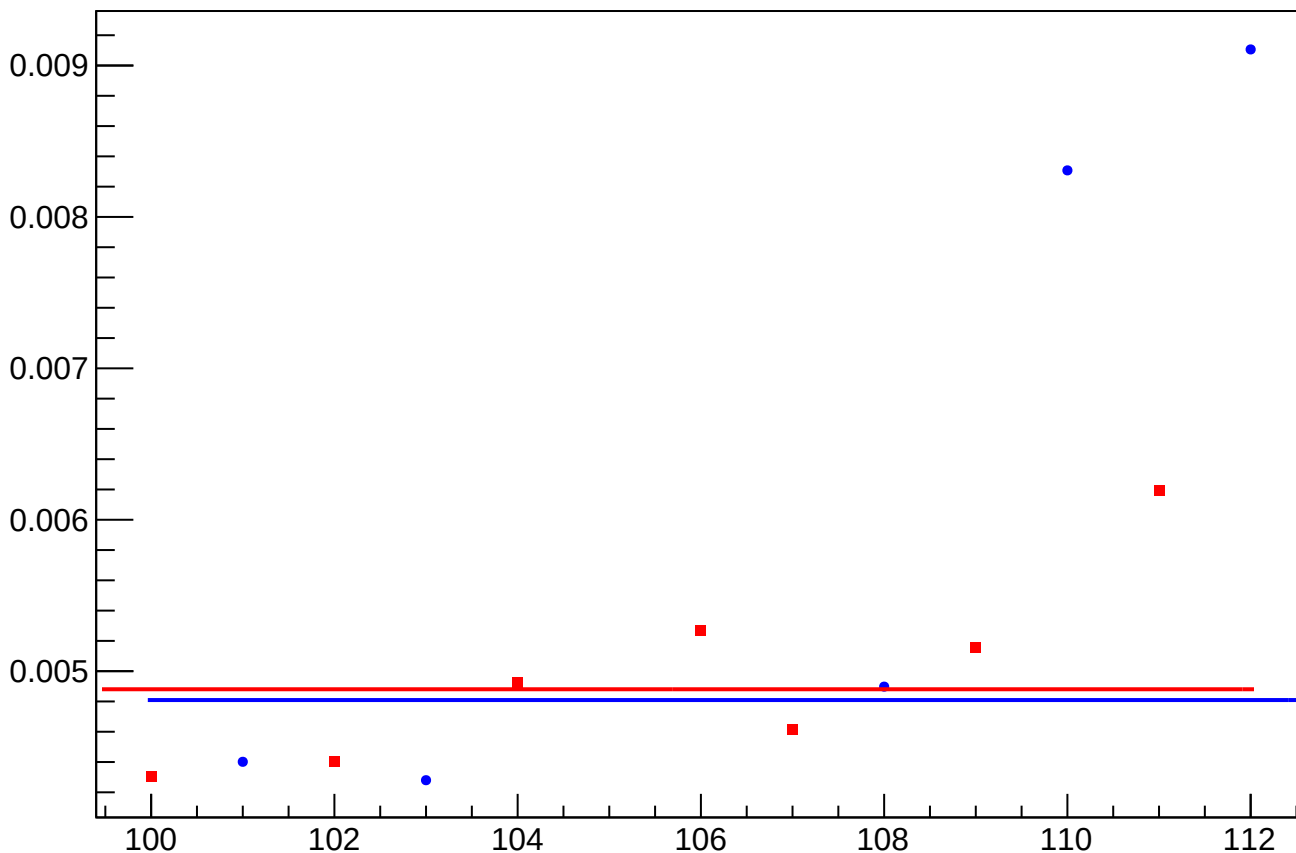
Right: -0.908+/-0.000 χ^2/NDF : 3865244727.7/11

In: -0.932+/-0.000 χ^2/NDF :589319595.2/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.908+/-0.000 χ^2/NDF : 3865244727.7/11

yield_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 254258.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 57650.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

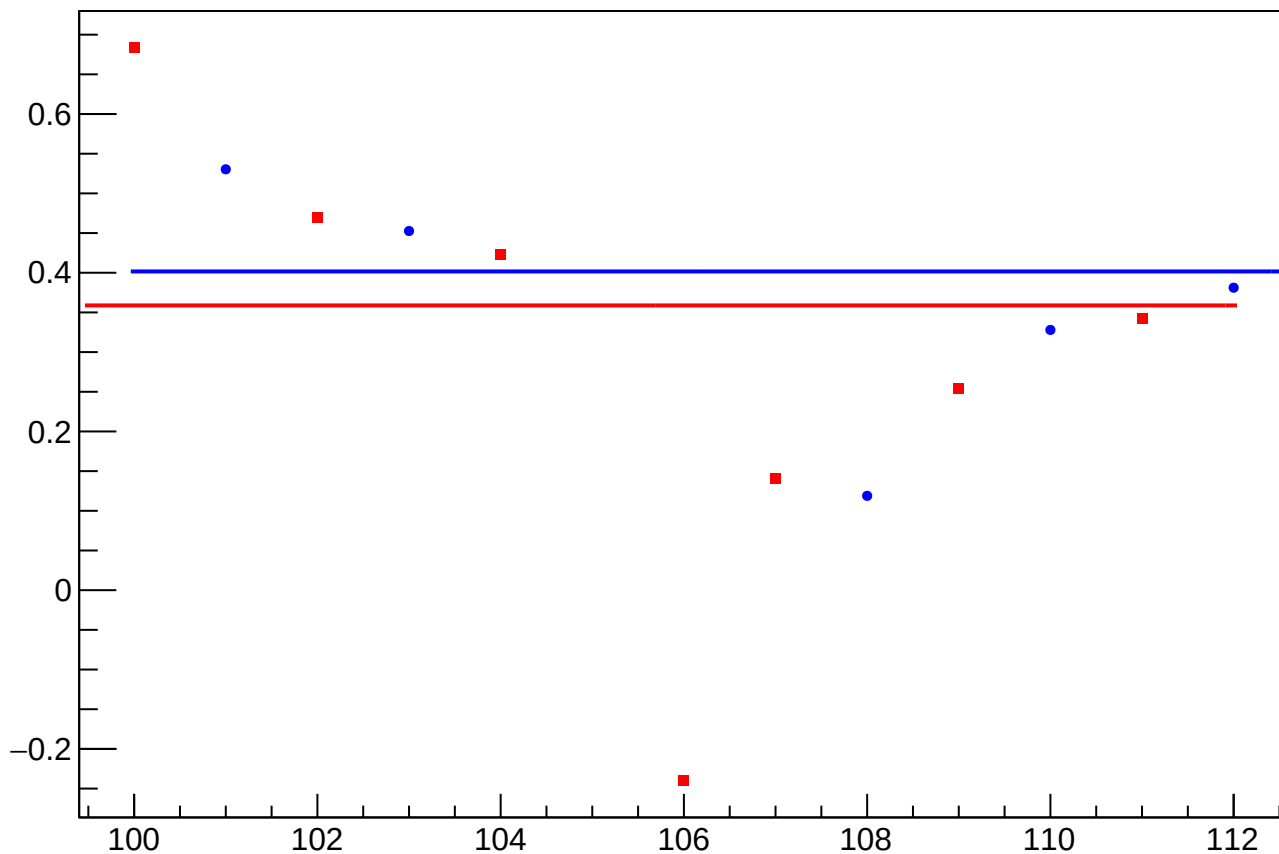
Right: 0.005+/-0.000 χ^2/NDF : 312382.9/11

In: 0.005+/-0.000 χ^2/NDF : 254258.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 312382.9/11

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.402+/-0.000 χ^2/NDF : 3049011193.5/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.359+/-0.000 χ^2/NDF : 4680628956.4/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

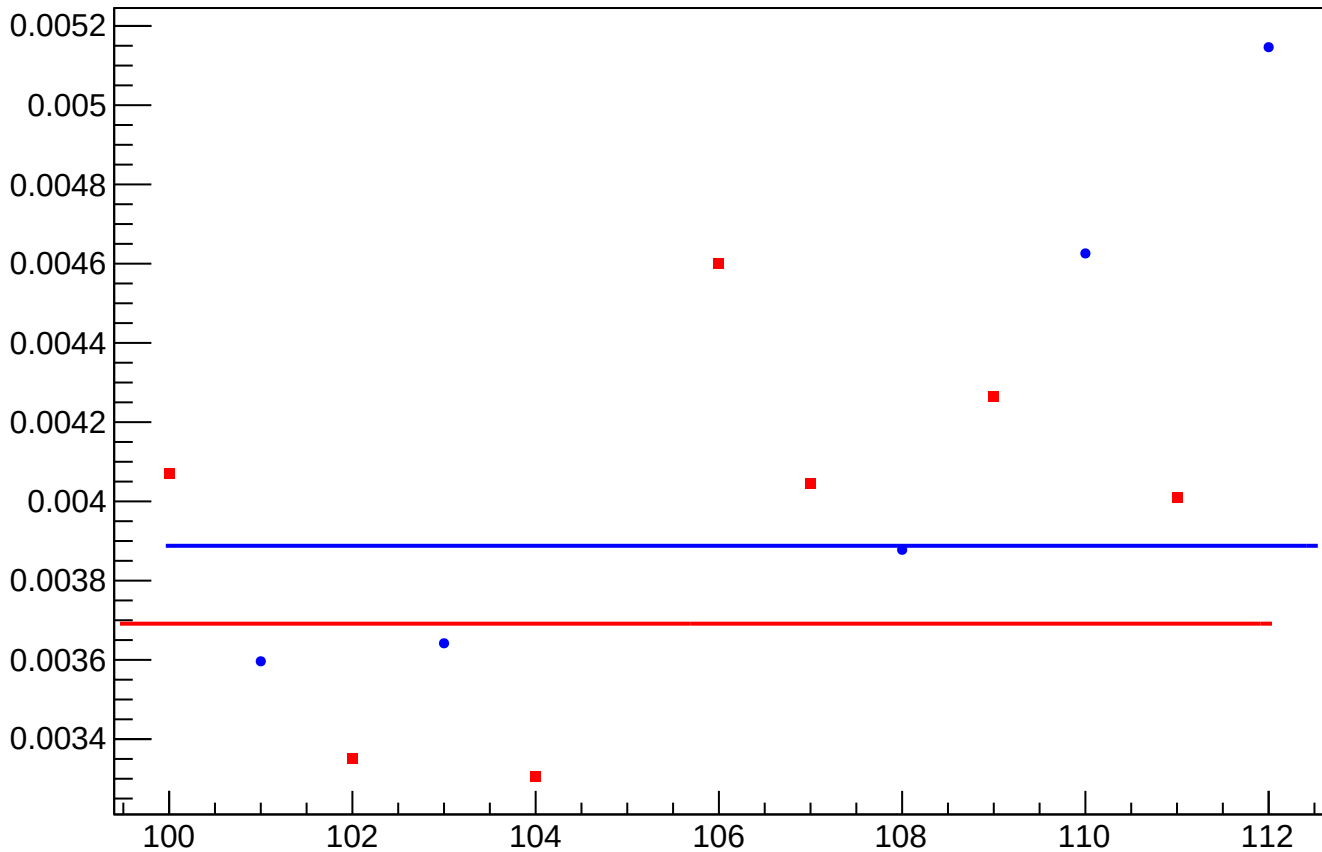
Right: 0.378+/-0.000 χ^2/NDF : 7874789349.8/11

In: 0.402+/-0.000 χ^2/NDF :3049011193.5/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.378+/-0.000 χ^2/NDF : 7874789349.8/11

yield_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 66695.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 64480.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

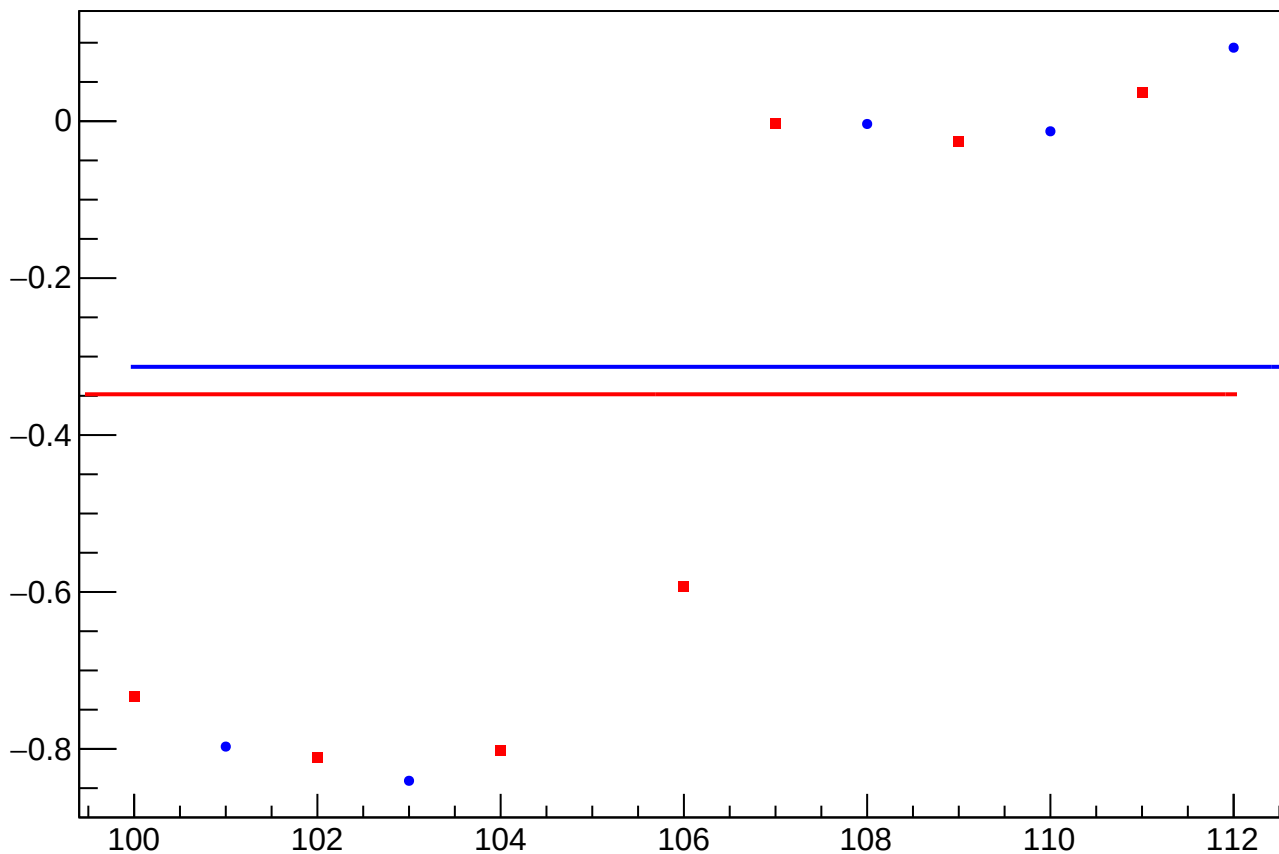
Right: 0.004+/-0.000 χ^2/NDF : 137294.8/11

In: 0.004+/-0.000 χ^2/NDF : 66695.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 137294.8/11

yield_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -0.313+/-0.000 χ^2/NDF : 3707747015.9/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.348+/-0.000 χ^2/NDF : 3588250167.4/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

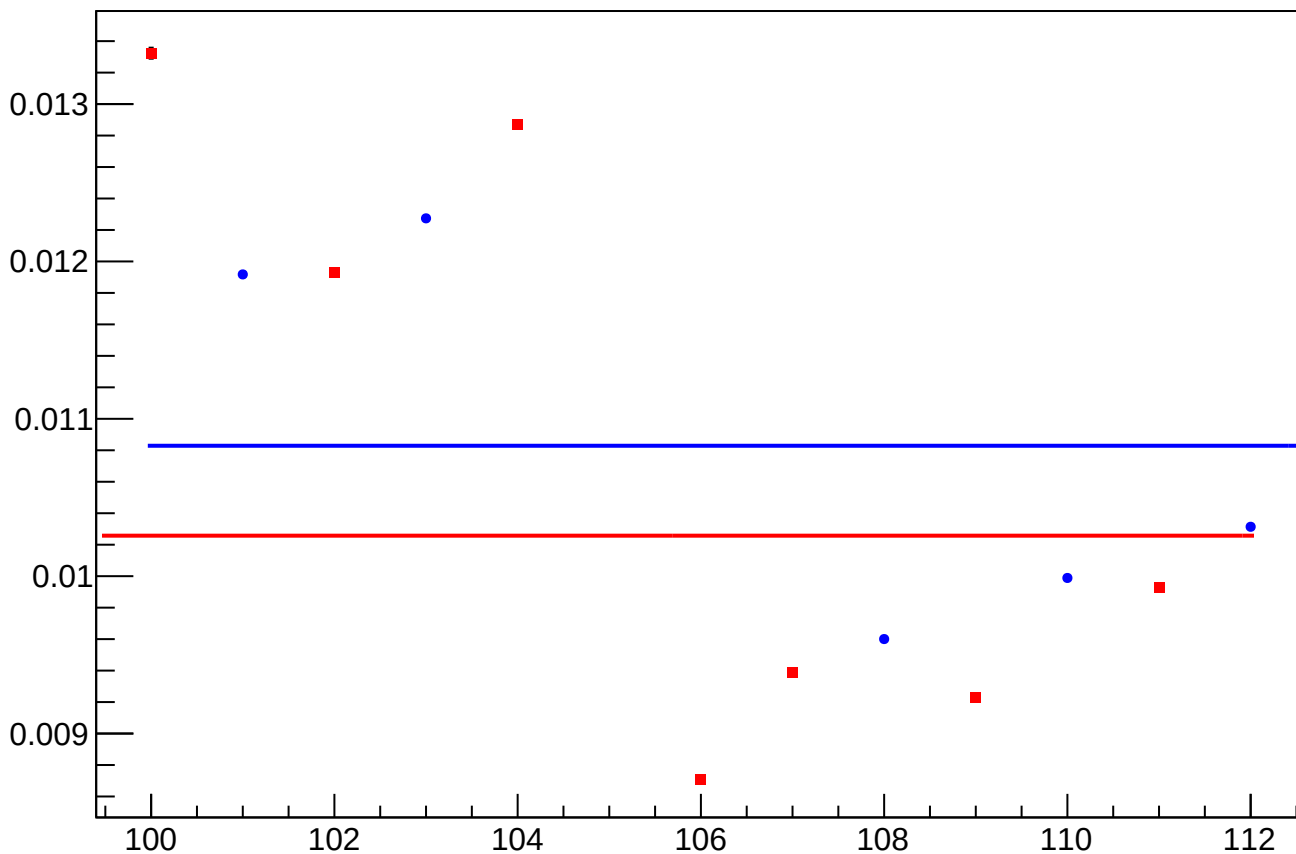
Right: -0.332+/-0.000 χ^2/NDF : 7310312932.7/11

In: -0.313+/-0.000 χ^2/NDF :3707747015.9/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.332+/-0.000 χ^2/NDF : 7310312932.7/11

yield_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 48245.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 114673.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

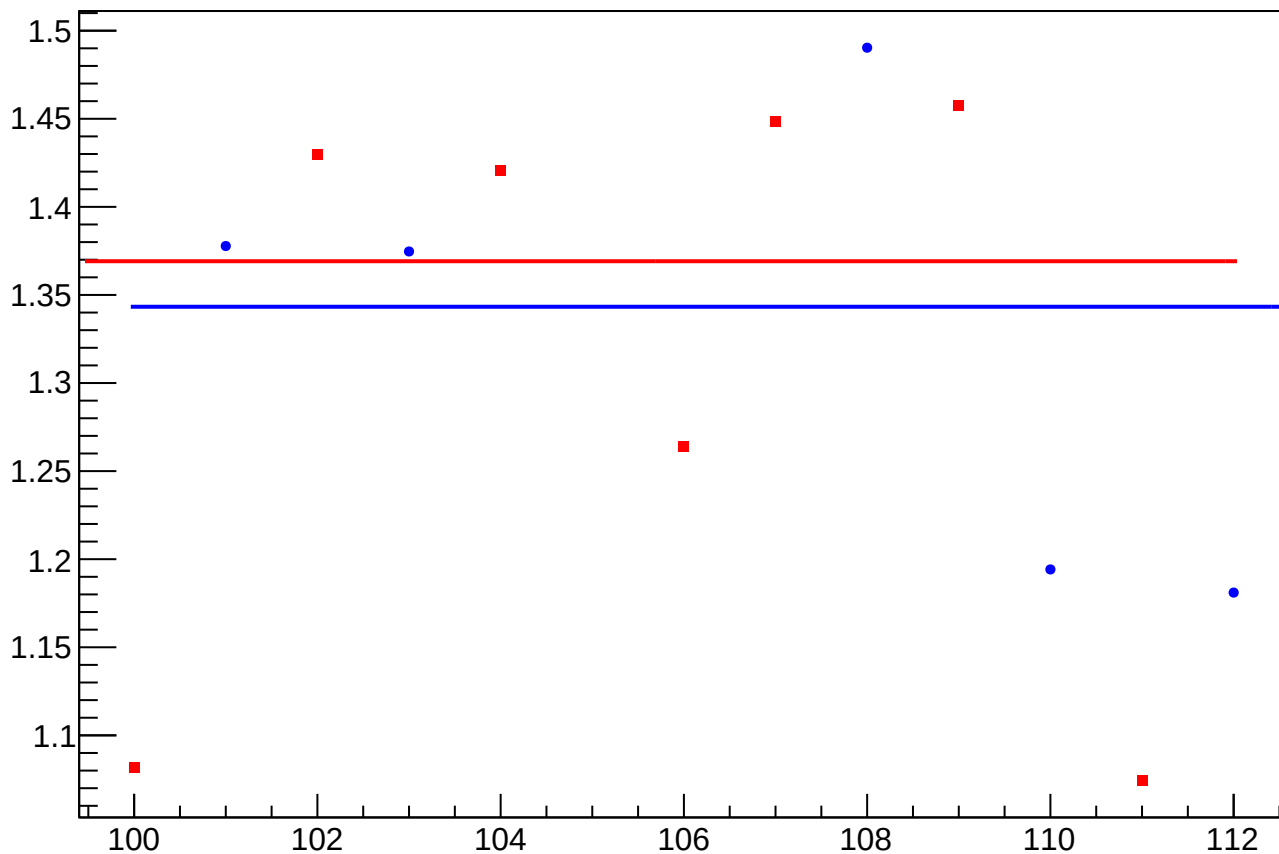
Right: 0.011+/-0.000 χ^2/NDF : 170553.5/11

In: 0.011+/-0.000 χ^2/NDF : 48245.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 170553.5/11

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.343+/-0.000 χ^2/NDF : 546185965.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.369+/-0.000 χ^2/NDF : 1000162237.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

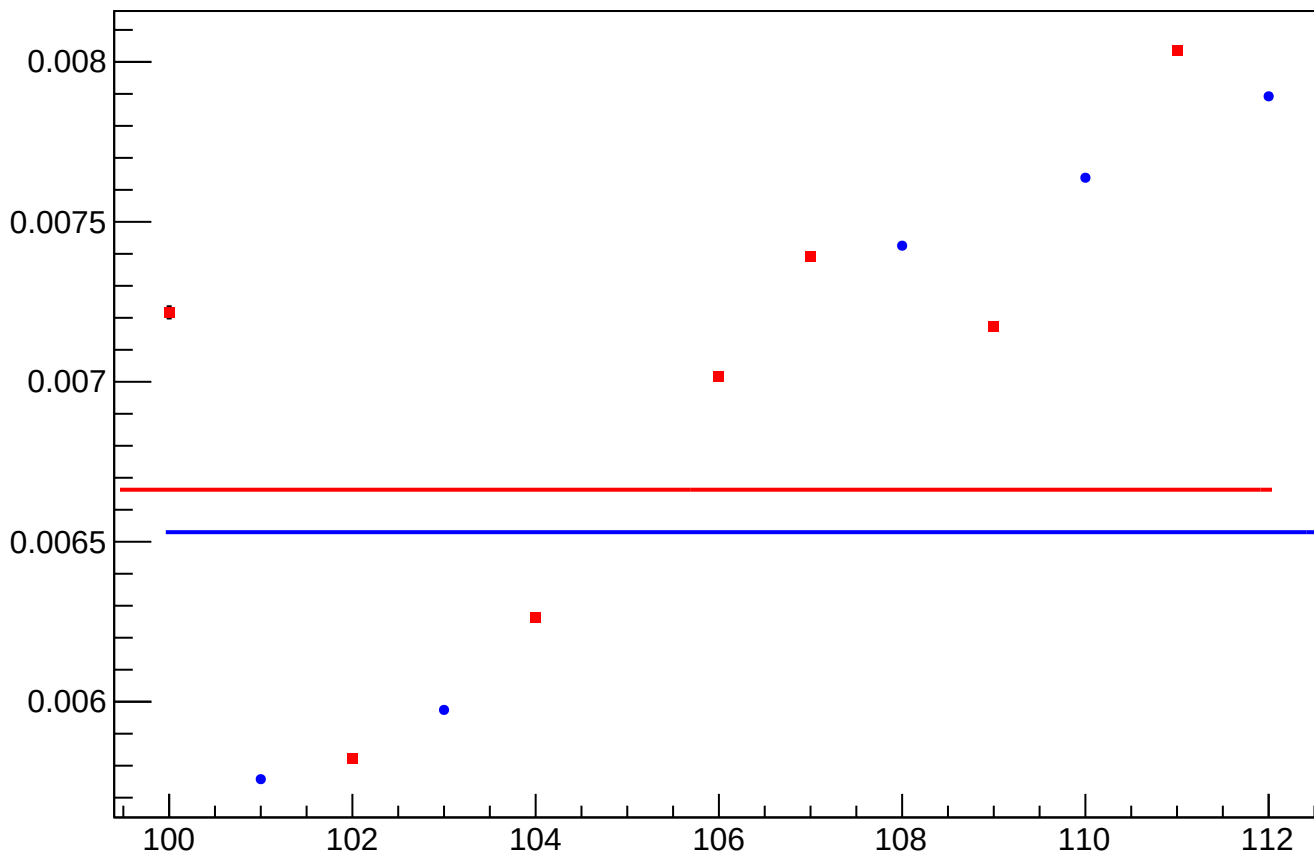
Right: 1.357+/-0.000 χ^2/NDF : 1566292407.5/11

In: 1.343+/-0.000 χ^2/NDF : 546185965.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.357+/-0.000 χ^2/NDF : 1566292407.5/11

yield_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 90312.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 69526.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

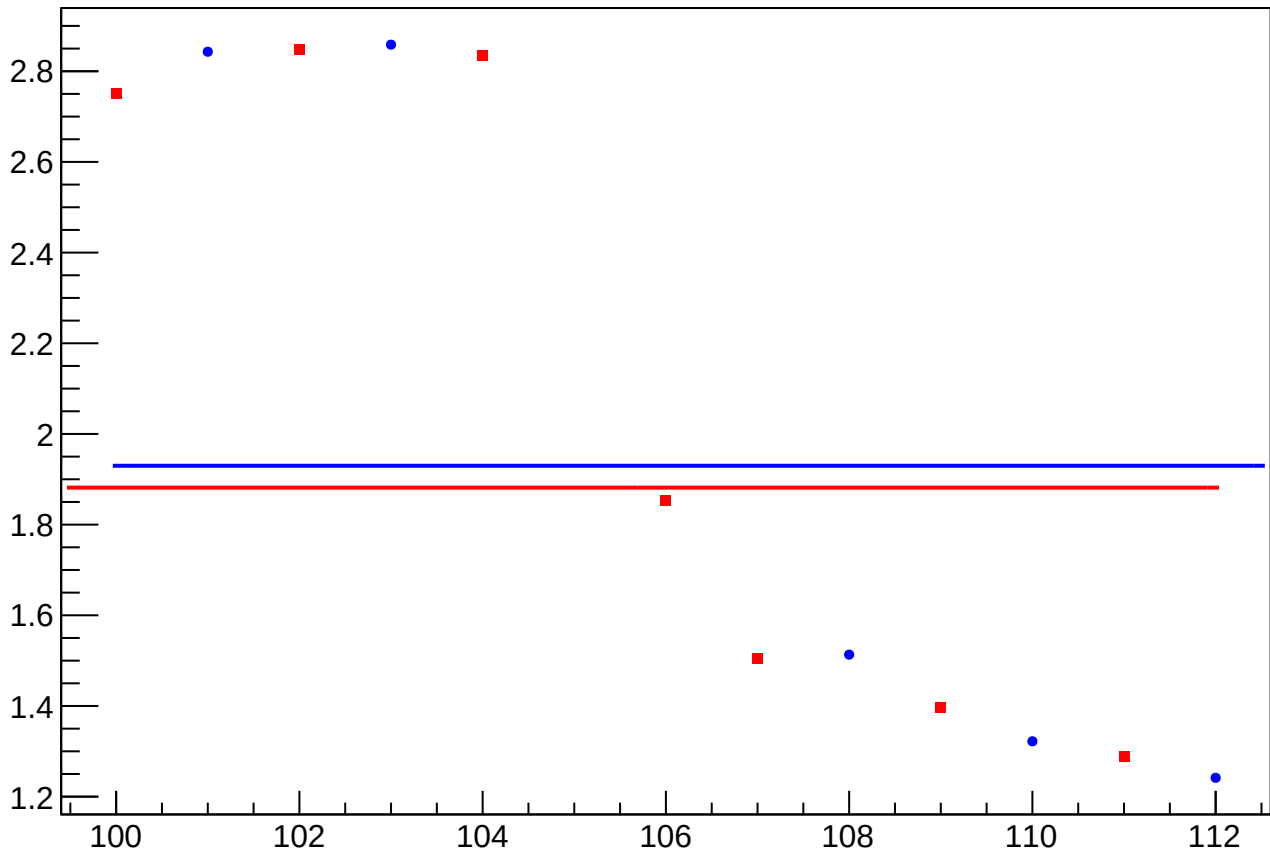
Right: 0.007+/-0.000 χ^2/NDF : 160891.4/11

In: 0.007+/-0.000 χ^2/NDF : 90312.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 160891.4/11

yield_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 1.930+/-0.000 χ^2/NDF : 26846837235.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.882+/-0.000 χ^2/NDF : 24919269314.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

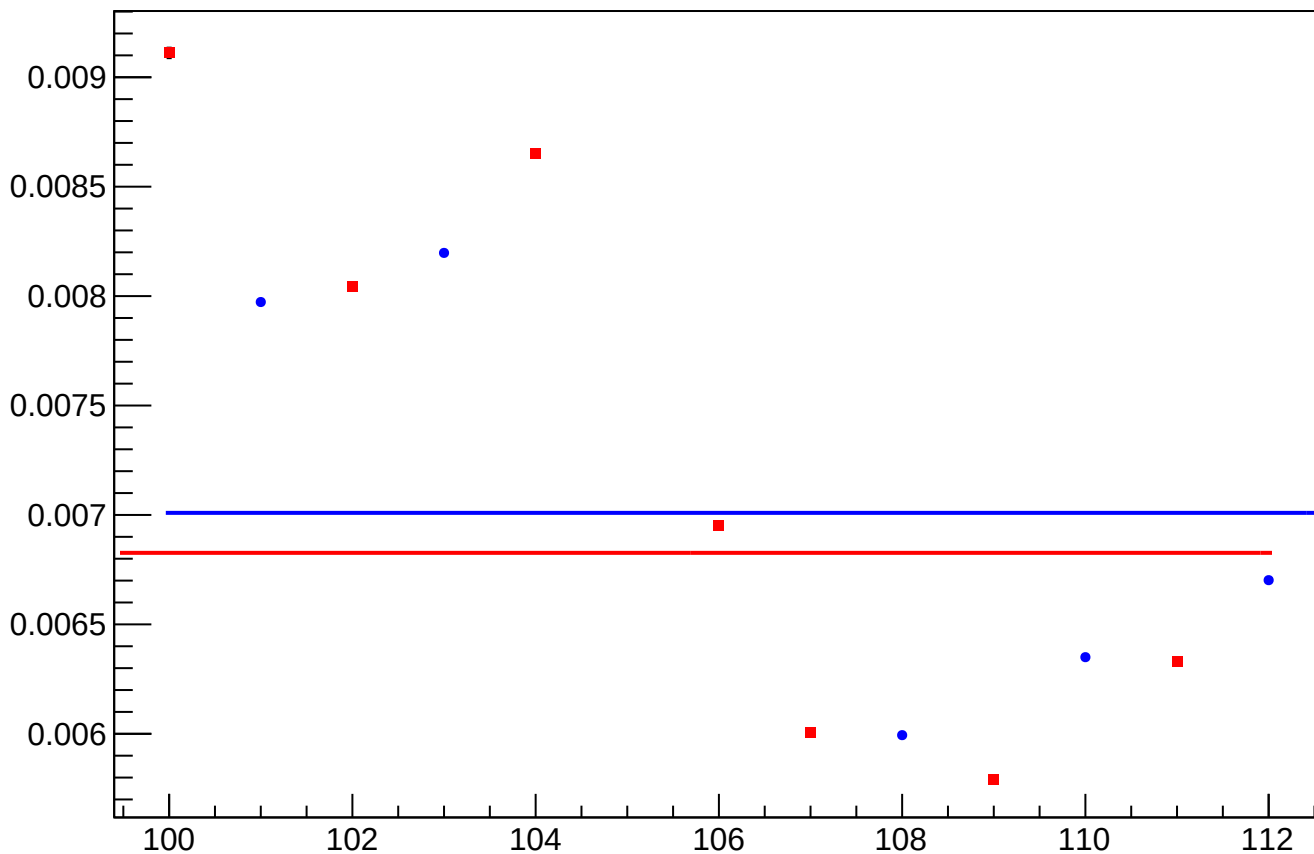
Right: 1.904+/-0.000 χ^2/NDF : 51828783686.2/11

In: 1.930+/-0.000 χ^2/NDF : 26846837235.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.904+/-0.000 χ^2/NDF : 51828783686.2/11

yield_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 77075.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 133899.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

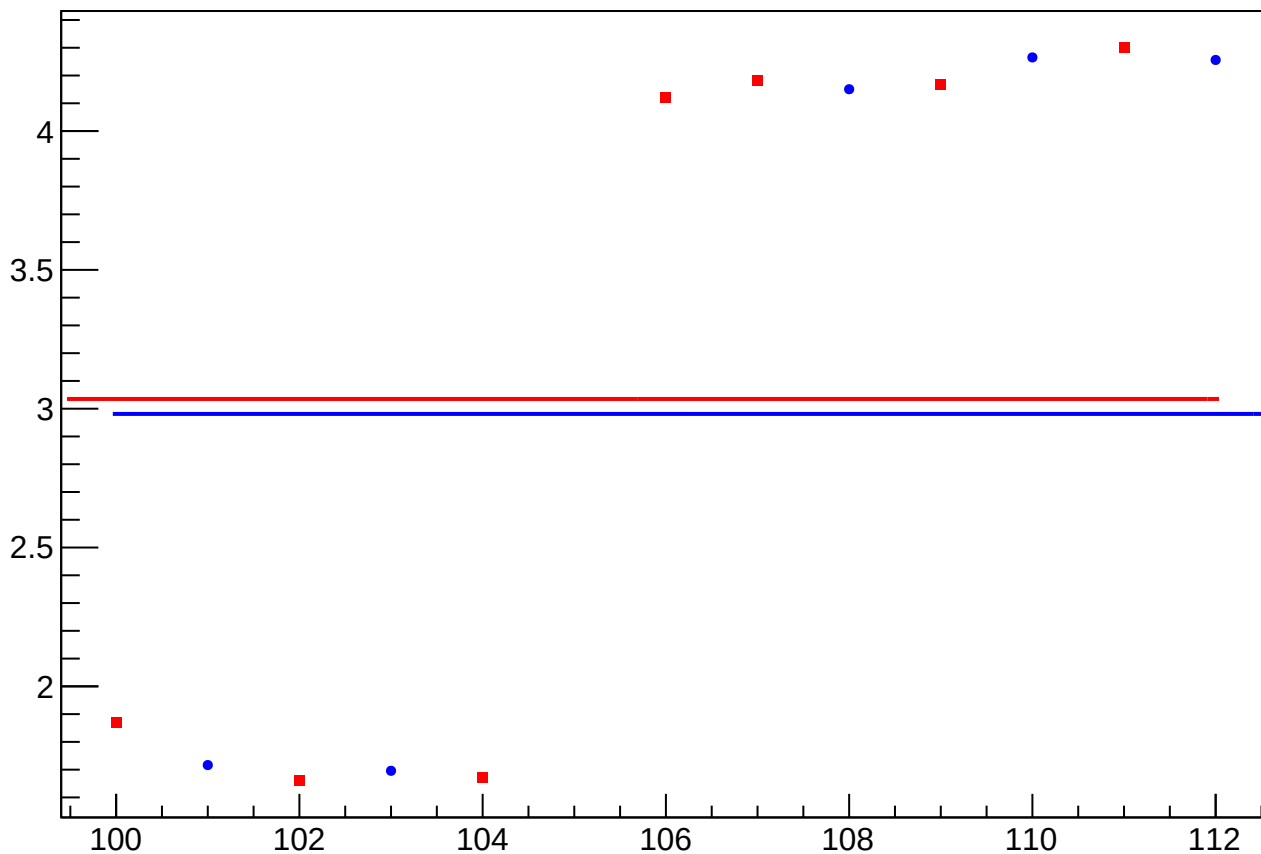
Right: 0.007+/-0.000 χ^2/NDF : 212776.4/11

In: 0.007+/-0.000 χ^2/NDF : 77075.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 212776.4/11

yield_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 2.981+/-0.000

χ^2/NDF : 144889664644.1/4

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 3.009+/-0.000

χ^2/NDF : 298892468924.6/11

Right Out: 3.035+/-0.000

χ^2/NDF : 153866734465.9/6

In: 2.981+/-0.000

χ^2/NDF : 144889664644.1/4

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

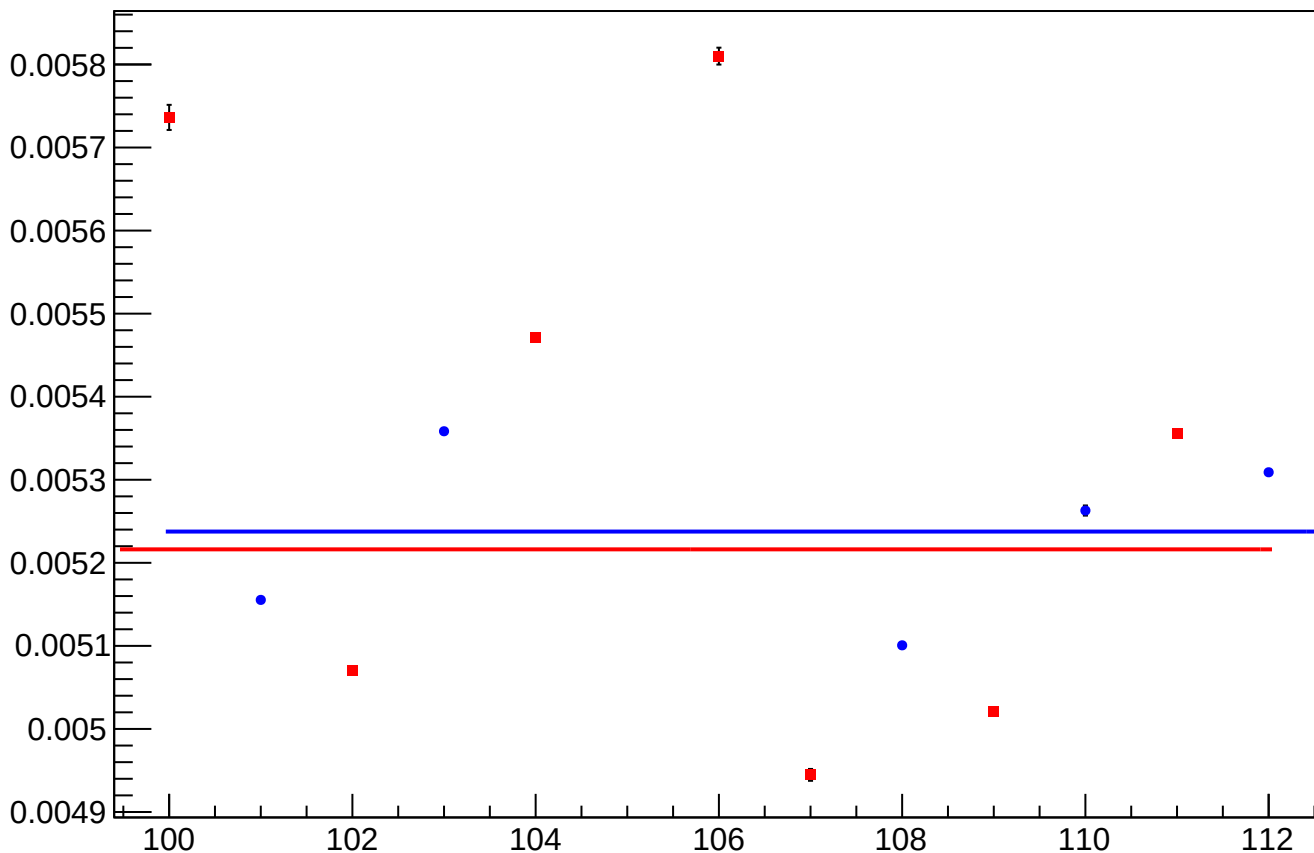
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 3.009+/-0.000

χ^2/NDF : 298892468924.6

yield_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1698.4/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 11609.6/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

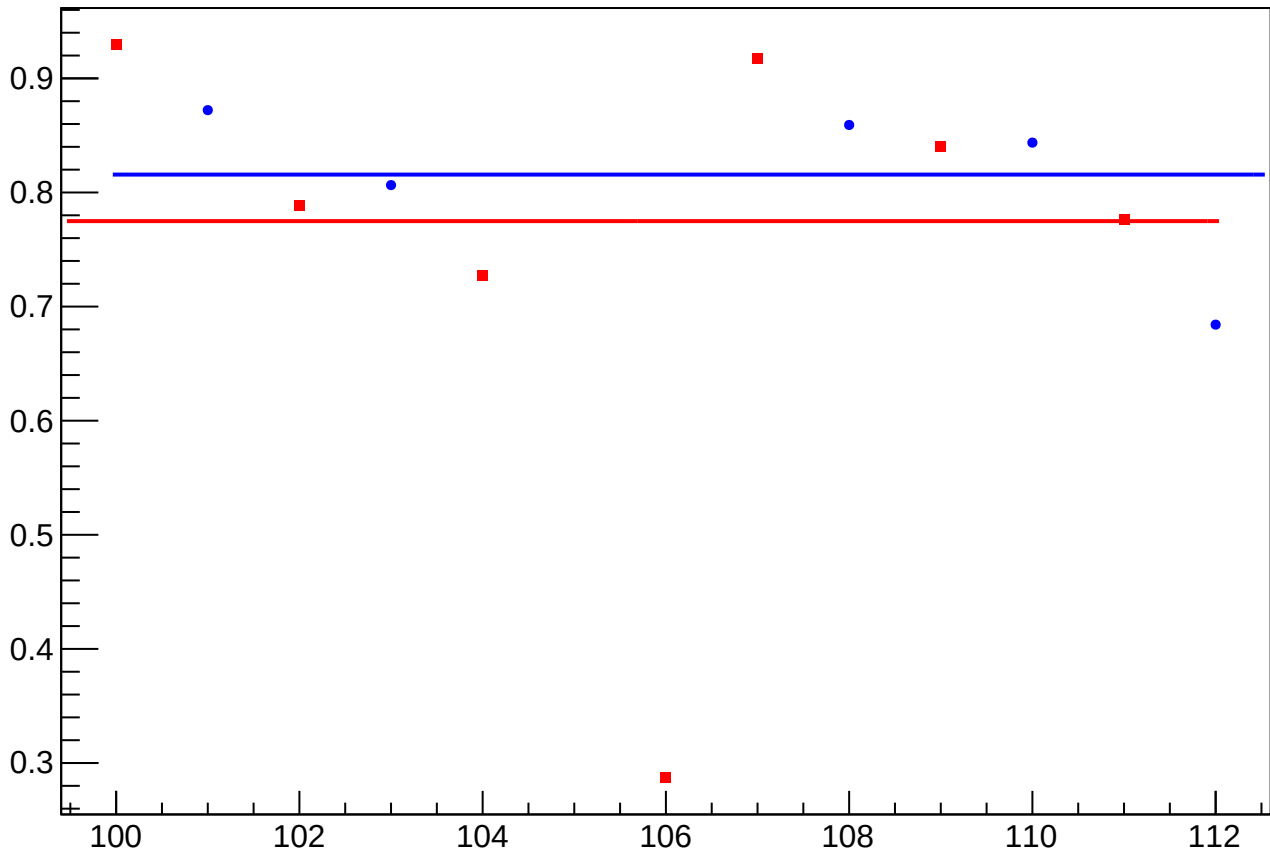
Right: 0.005+/-0.000 χ^2/NDF : 13351.0/11

In: 0.005+/-0.000 χ^2/NDF :1698.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 13351.0/11

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.816+/-0.000 χ^2/NDF : 52667932.6/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.775+/-0.000 χ^2/NDF : 221242789.7/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

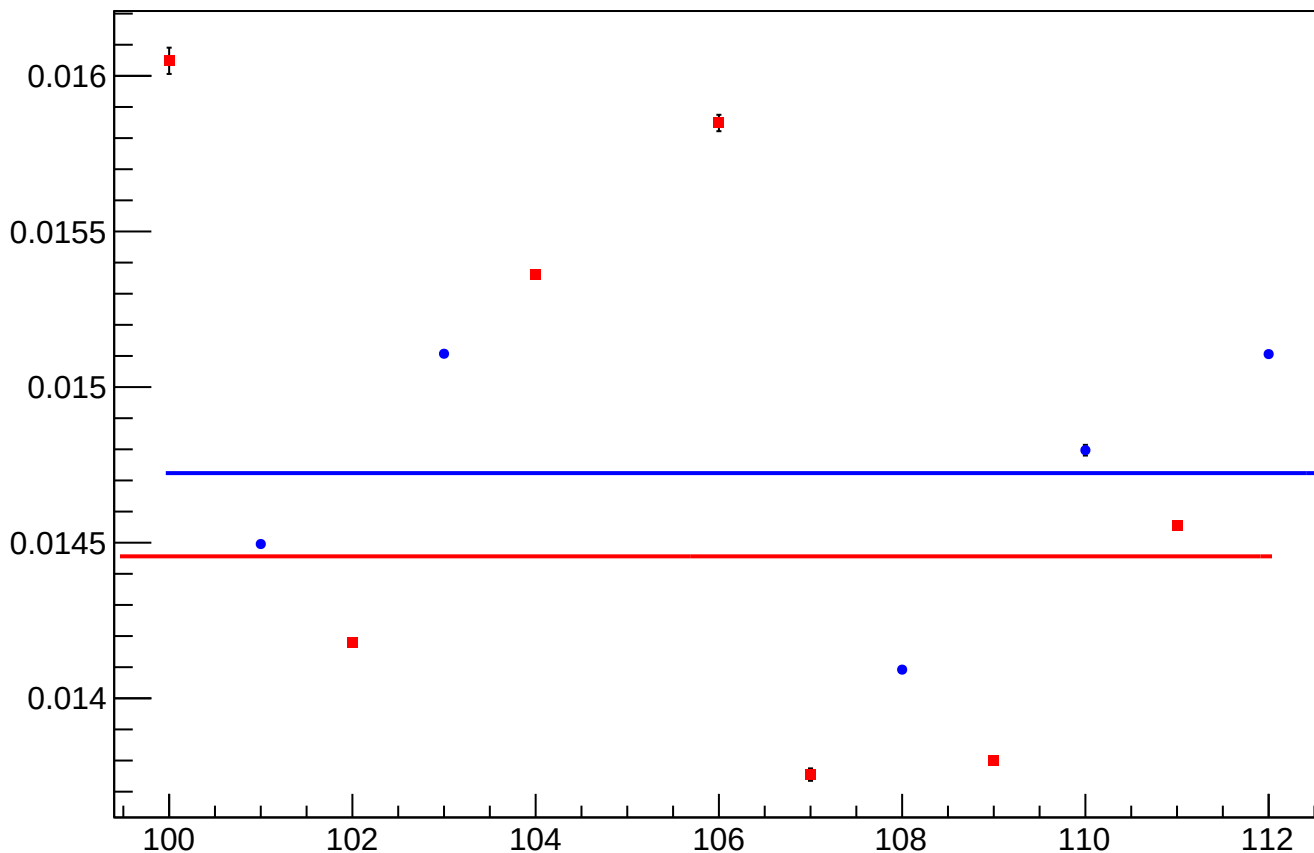
Right: 0.794+/-0.000 χ^2/NDF : 283934515.7/11

In: 0.816+/-0.000 χ^2/NDF :52667932.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.794+/-0.000 χ^2/NDF : 283934515.7/11

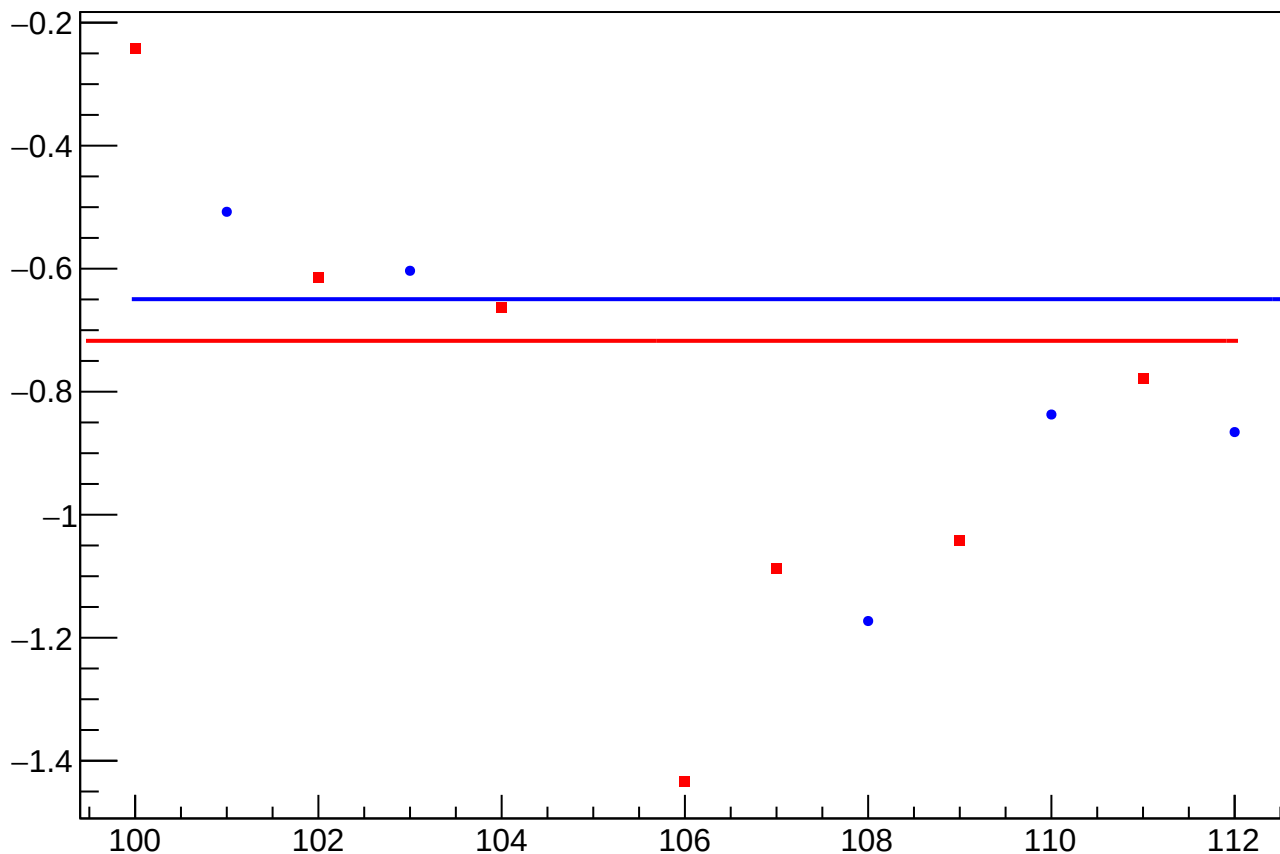
yield_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 3306.9/4
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.014+/-0.000 χ^2/NDF : 12000.8/6
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.015+/-0.000 χ^2/NDF : 16169.7/11
 In: 0.015+/-0.000 χ^2/NDF : 3306.9/4
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.015+/-0.000 χ^2/NDF : 16169.7/11

yield_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: -0.650+/-0.000 χ^2/NDF : 3892524299.1/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.717+/-0.000 χ^2/NDF : 4566480519.6/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

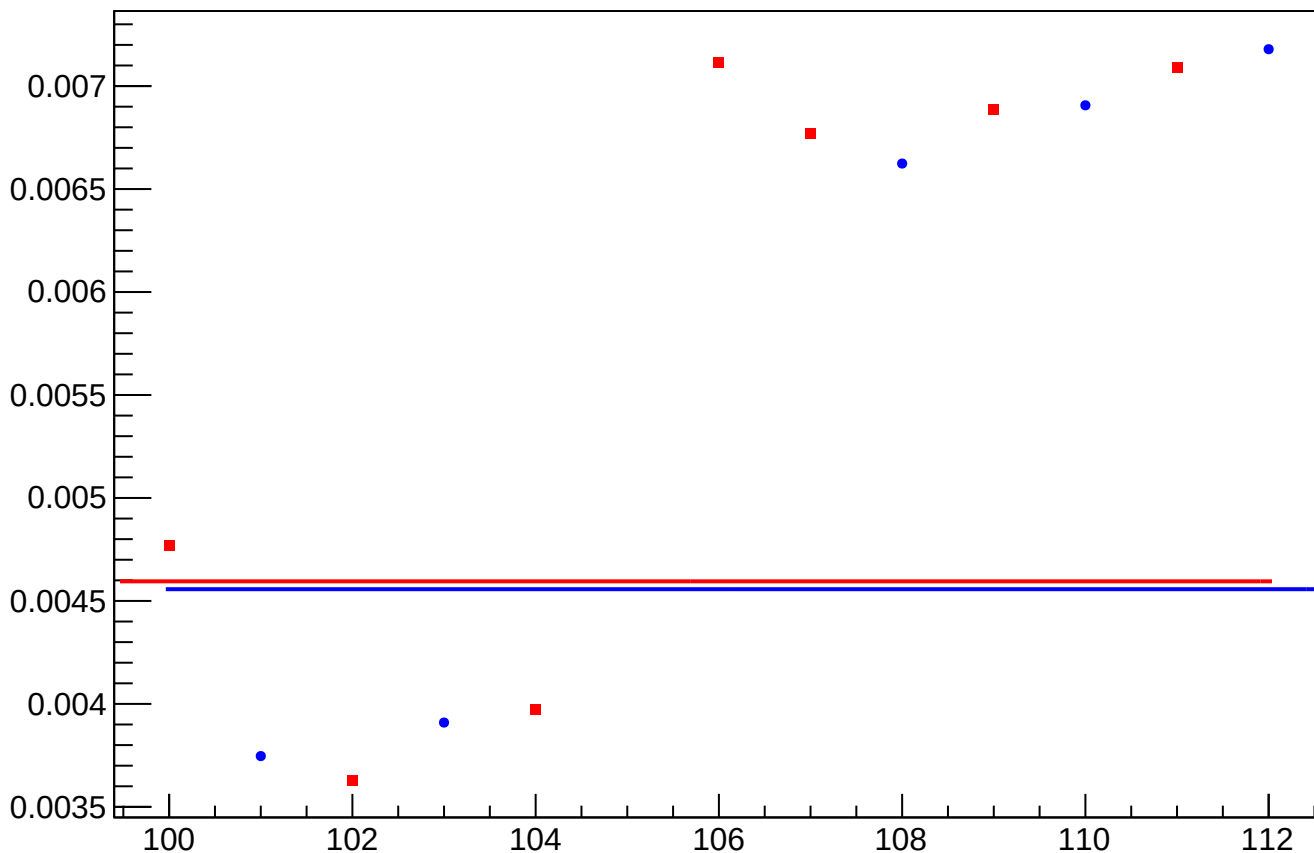
Right: -0.684+/-0.000 χ^2/NDF : 8699529354.9/11

In: -0.650+/-0.000 χ^2/NDF :3892524299.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.684+/-0.000 χ^2/NDF : 8699529354.9/11

yield_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 359889.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 411953.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

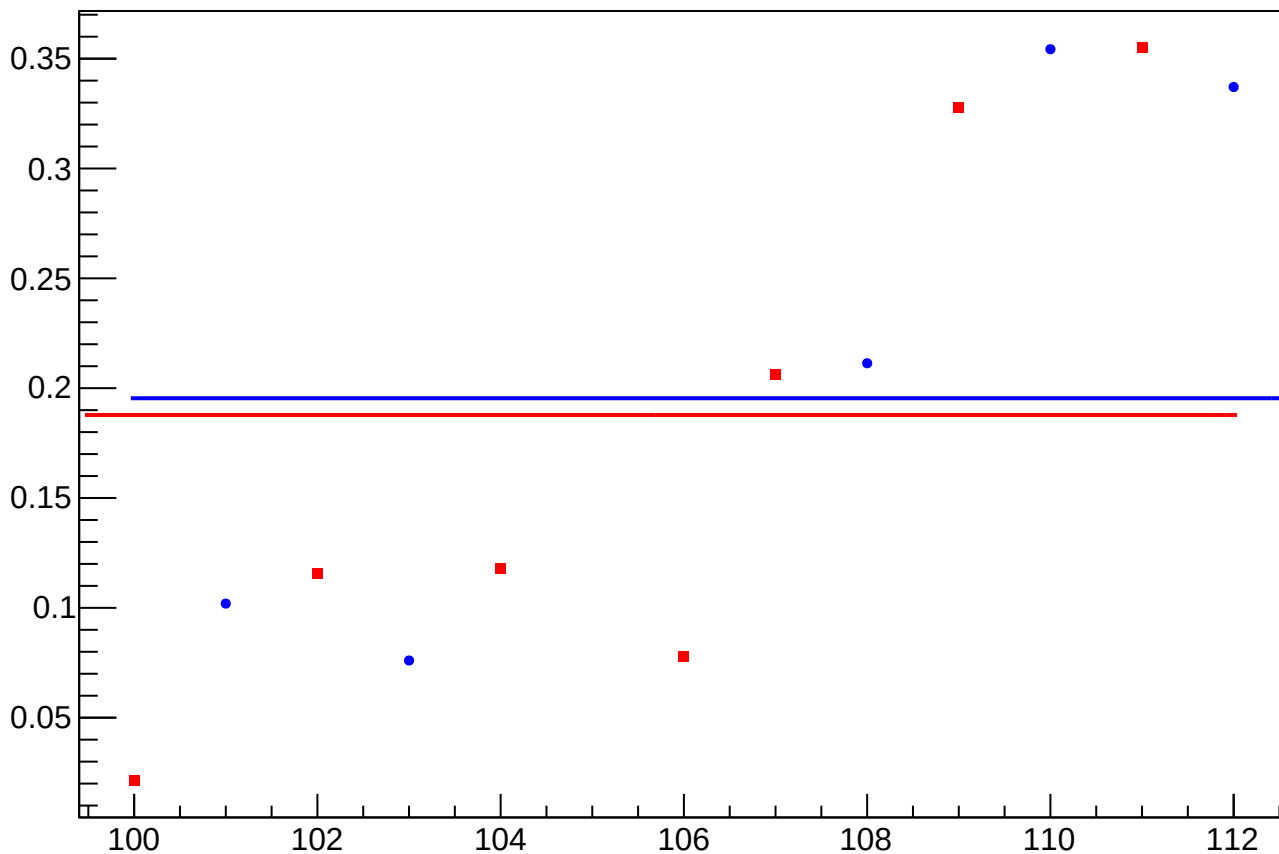
Right: 0.005+/-0.000 χ^2/NDF : 771996.0/11

In: 0.005+/-0.000 χ^2/NDF : 359889.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 771996.0/11

yield_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 0.195+/-0.000

χ^2/NDF : 13016484863.5/4

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.191+/-0.000

χ^2/NDF : 28516226090.4/11

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.195+/-0.000

χ^2/NDF : 13016484863.5/4

Right Out: 0.188+/-0.000

χ^2/NDF : 15466484713.4/6

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

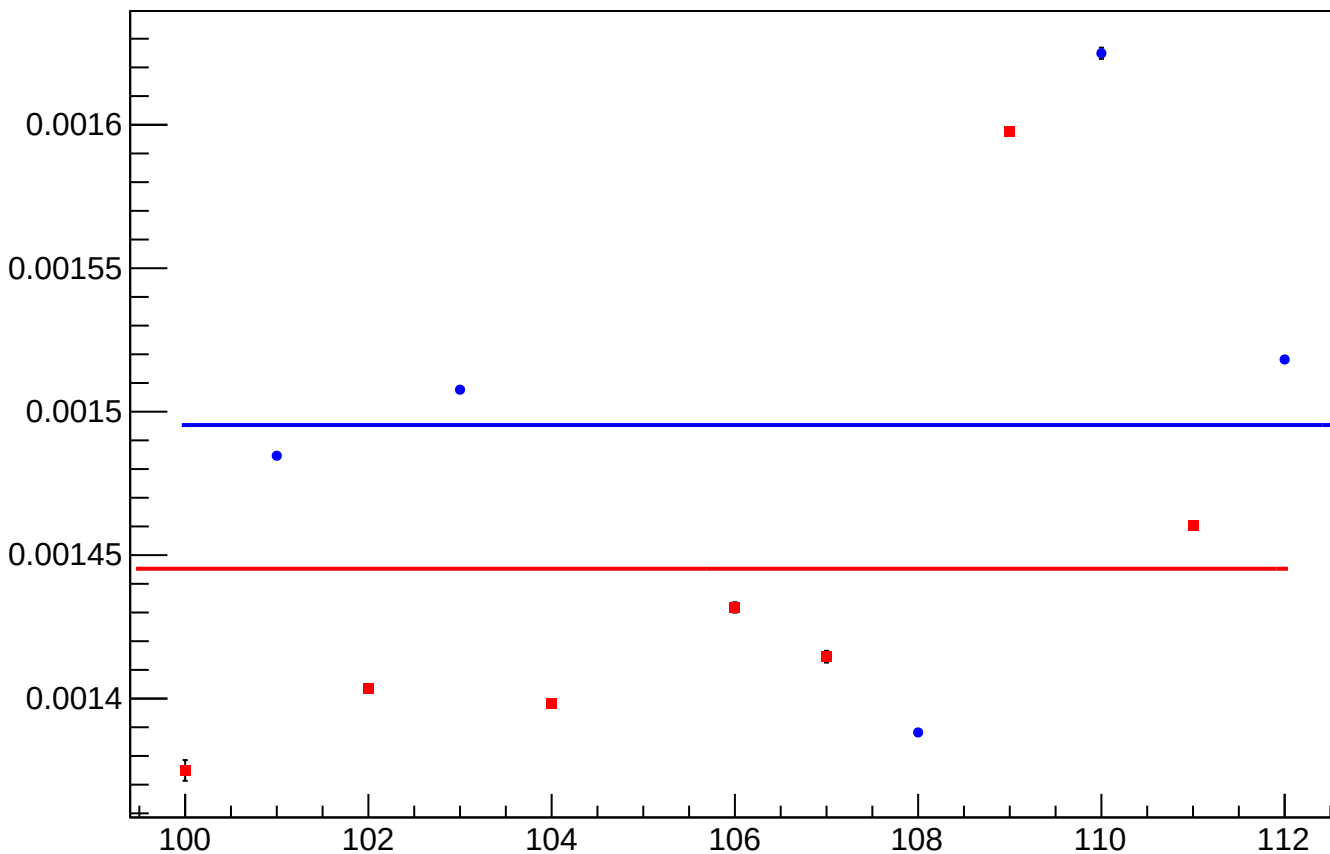
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.191+/-0.000

χ^2/NDF : 28516226090.4/11

yield_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 9442.4/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 12306.2/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

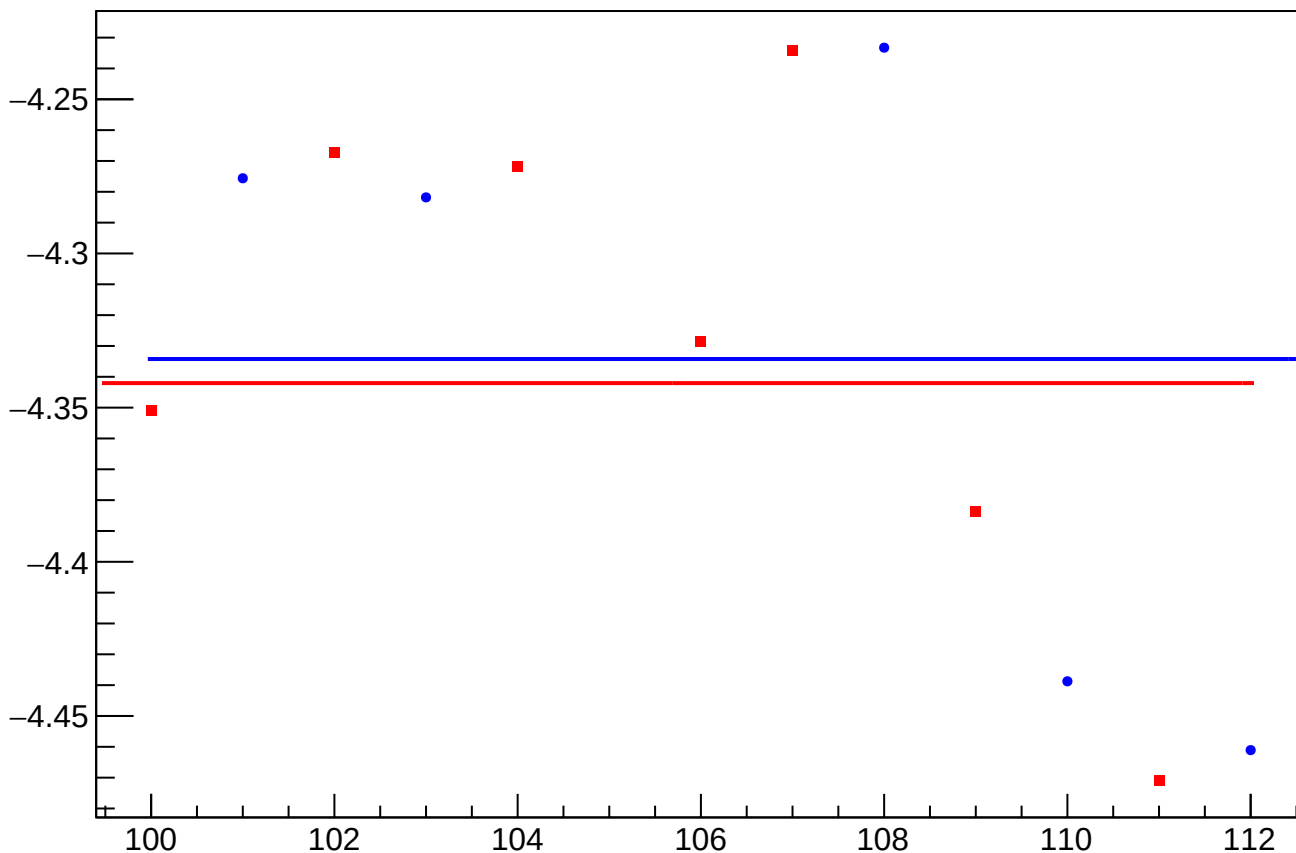
Right: 0.001+/-0.000 χ^2/NDF : 24617.7/11

In: 0.001+/-0.000 χ^2/NDF :9442.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 24617.7/11

yield_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -4.334+/-0.000 χ^2/NDF : 7964915662.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.342+/-0.000 χ^2/NDF : 6710301579.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

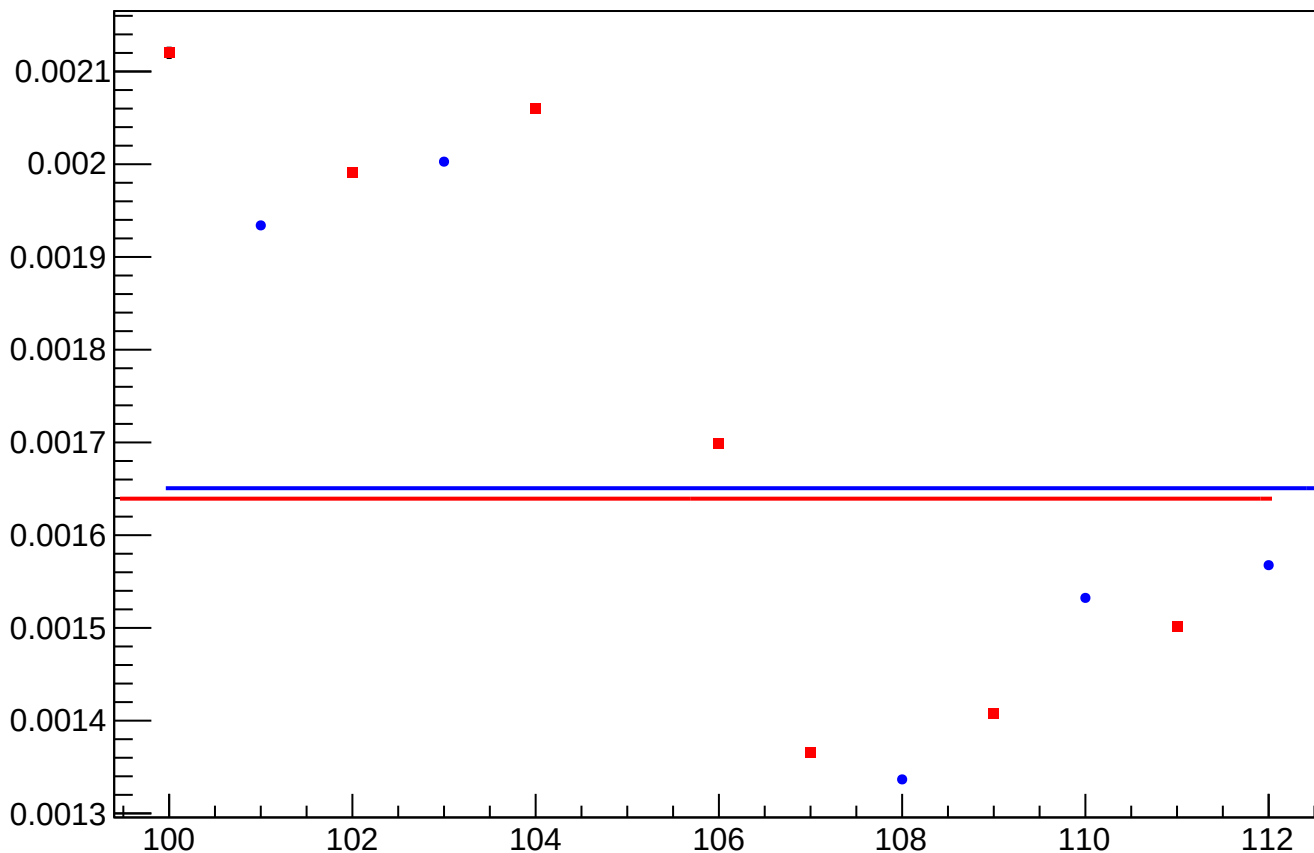
Right: -4.338+/-0.000 χ^2/NDF : 14703703111.7/11

In: -4.334+/-0.000 χ^2/NDF : 7964915662.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.338+/-0.000 χ^2/NDF : 14703703111.7/11

yield_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 114988.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 146488.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

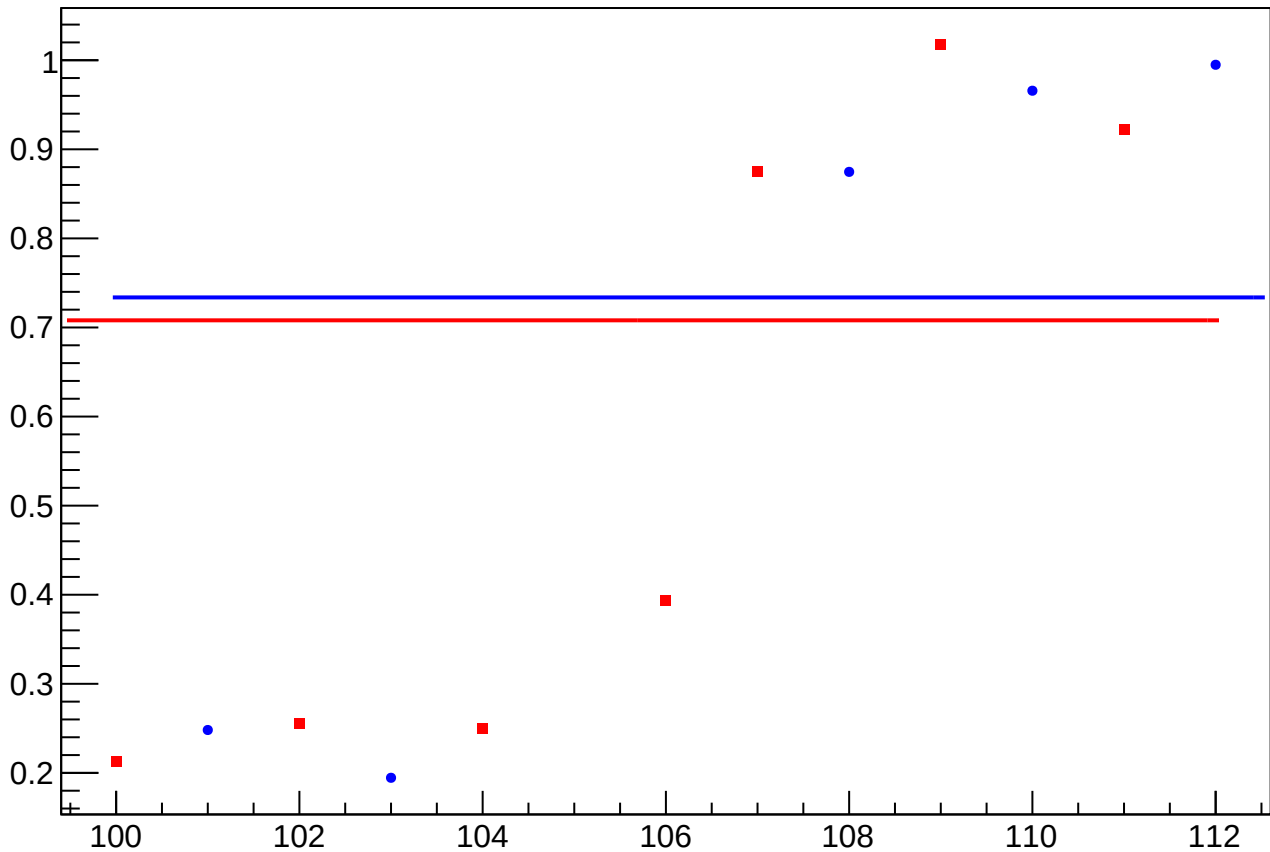
Right: 0.002+/-0.000 χ^2/NDF : 261595.6/11

In: 0.002+/-0.000 χ^2/NDF : 114988.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 261595.6/11

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 0.734+/-0.000 χ^2/NDF : 6184218840.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.708+/-0.000 χ^2/NDF : 7375055017.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

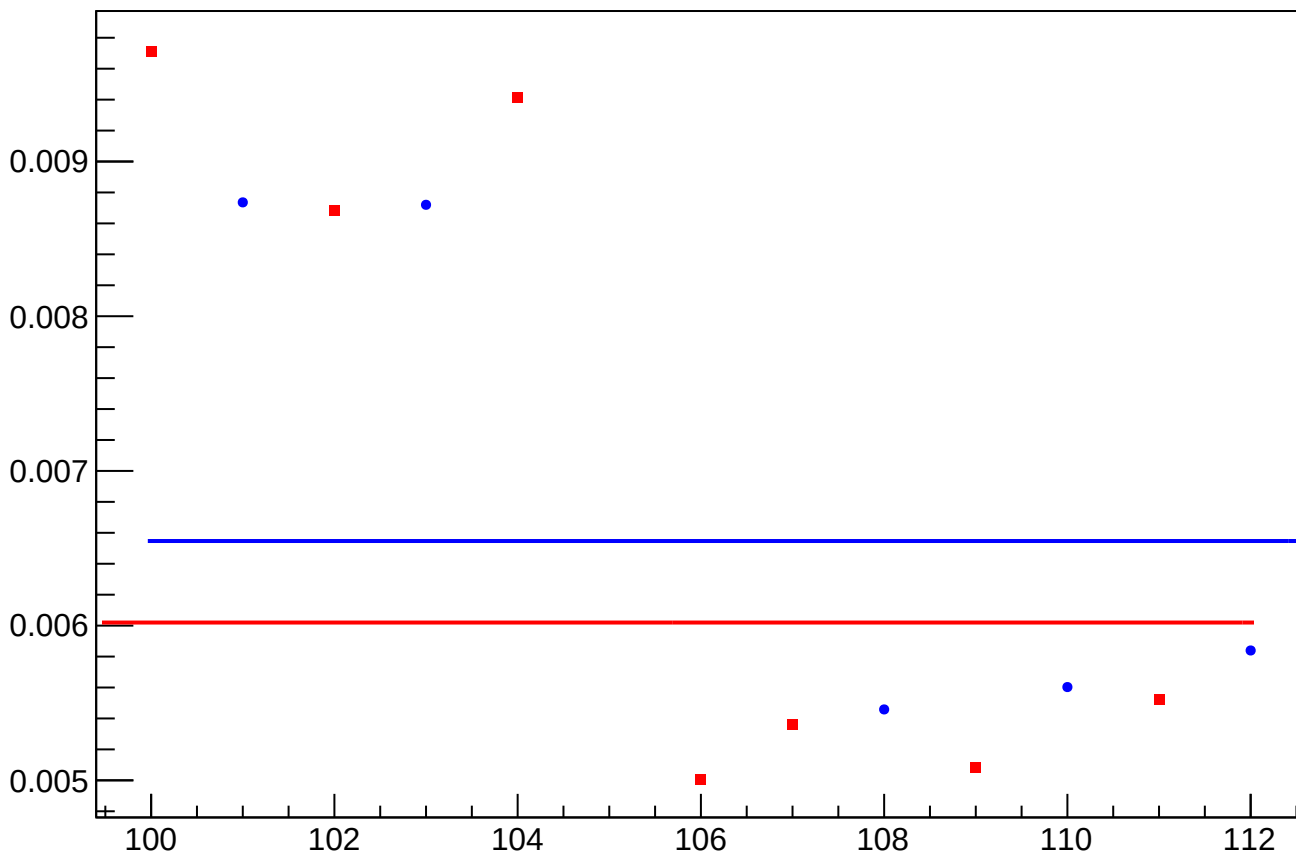
Right: 0.719+/-0.000 χ^2/NDF : 13580102837.8/11

In: 0.734+/-0.000 χ^2/NDF : 6184218840.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.719+/-0.000 χ^2/NDF : 13580102837.8/11

yield_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 223048.8/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 355607.9/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

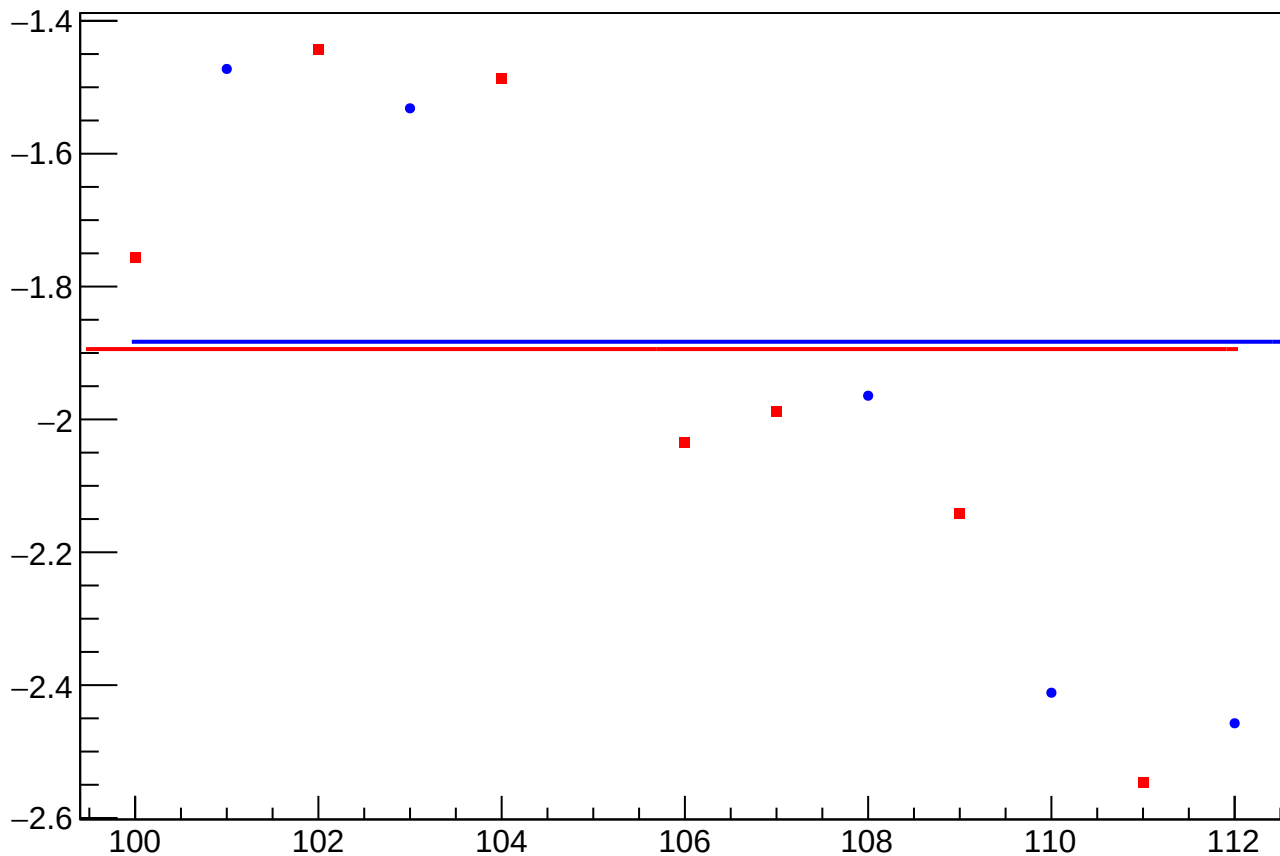
Right: 0.006+/-0.000 χ^2/NDF : 596149.5/11

In: 0.007+/-0.000 χ^2/NDF :223048.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 596149.5/11

yield_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -1.883+/-0.000 χ^2/NDF : 13851975659.8/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.894+/-0.000 χ^2/NDF : 13325379454.9/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

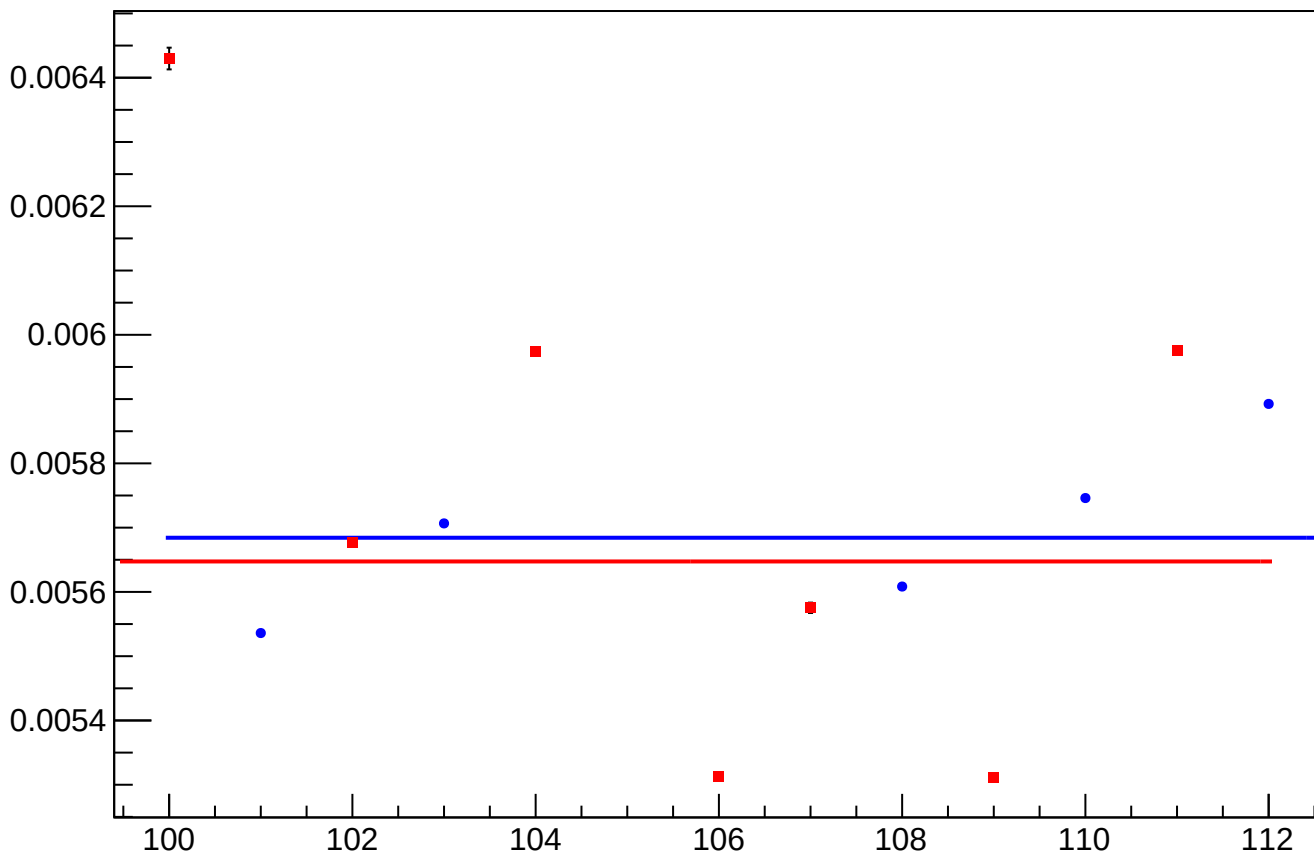
Right: -1.889+/-0.000 χ^2/NDF : 27182362987.8/11

In: -1.883+/-0.000 χ^2/NDF :13851975659.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.889+/-0.000 χ^2/NDF : 27182362987.8/11

yield_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 2429.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 14901.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

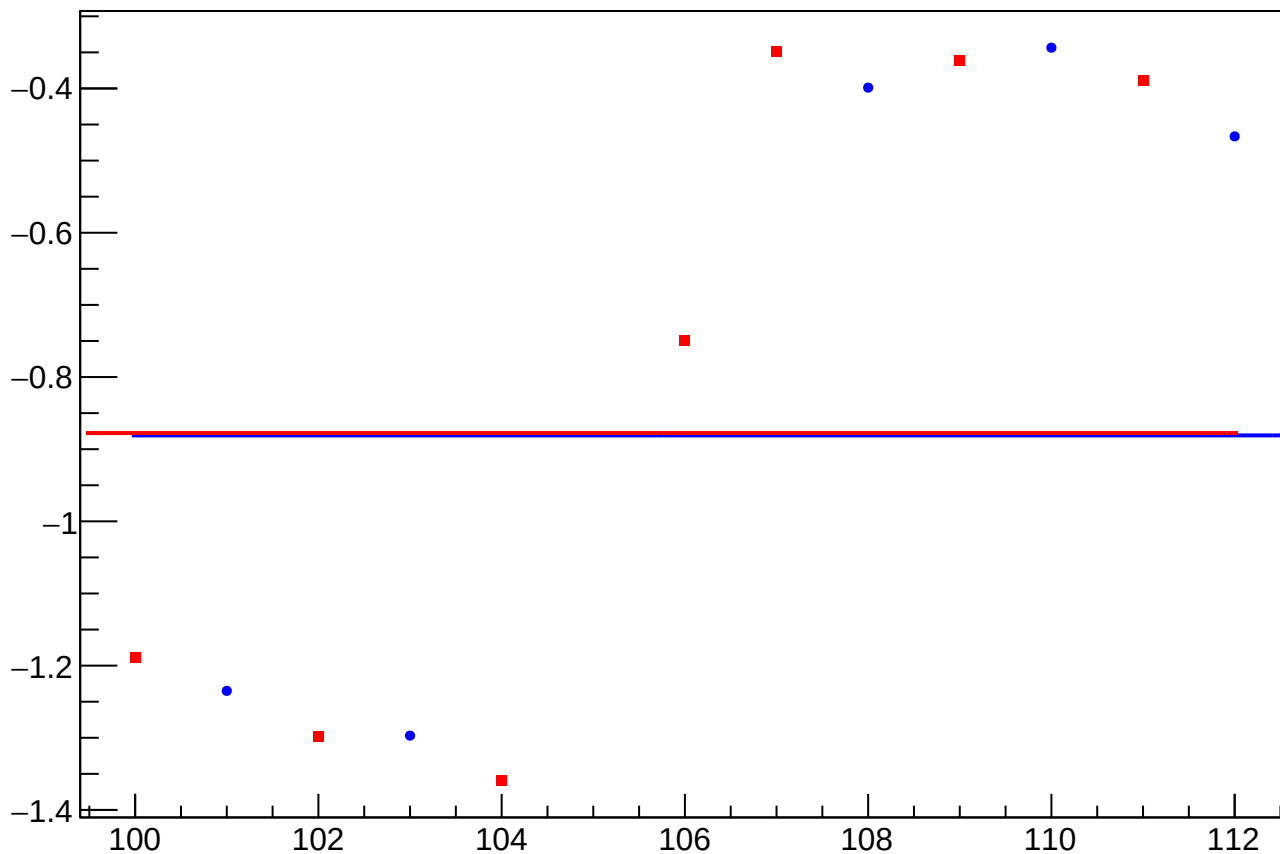
Right: 0.006+/-0.000 χ^2/NDF : 17442.3/11

In: 0.006+/-0.000 χ^2/NDF : 2429.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 17442.3/11

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -0.881+/-0.000 χ^2/NDF : 3963806741.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.878+/-0.000 χ^2/NDF : 5084515357.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

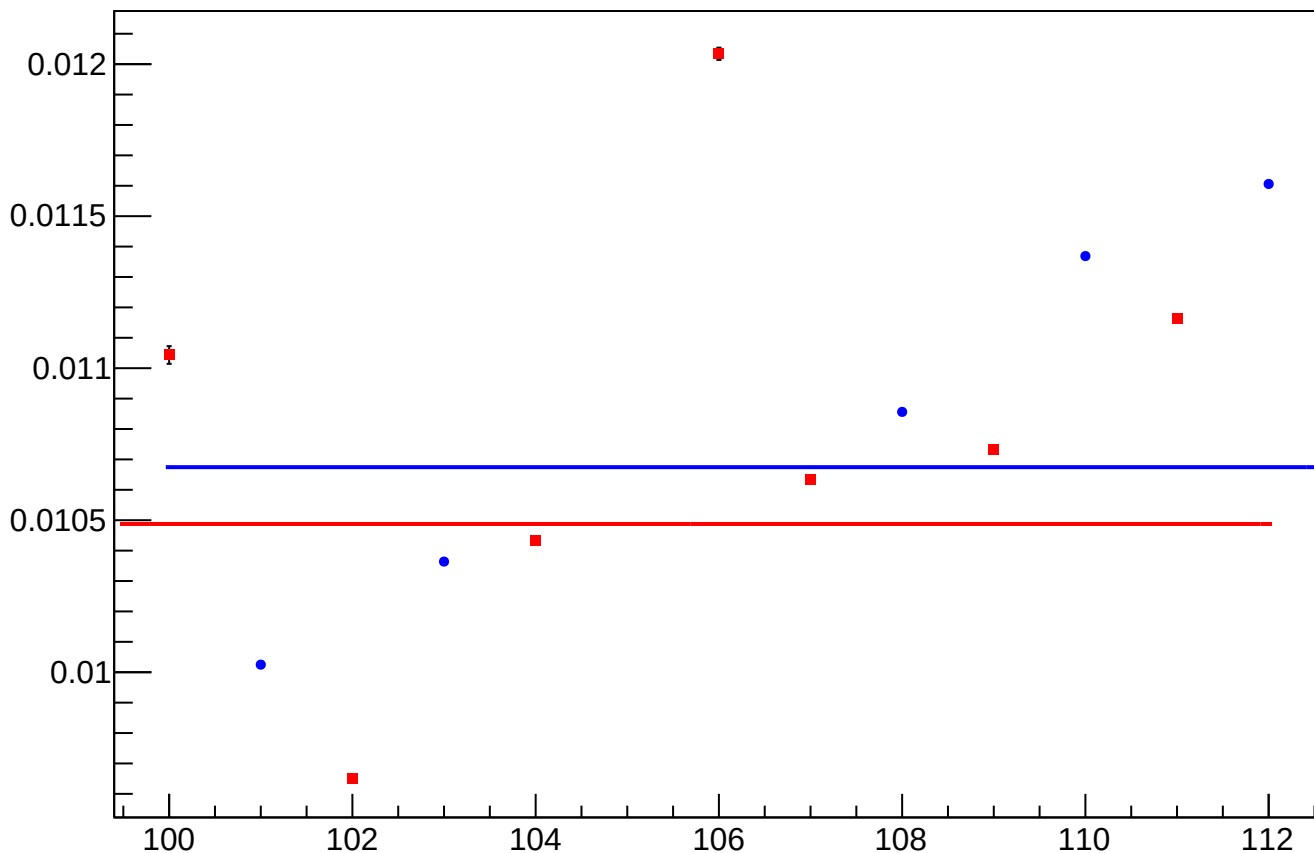
Right: -0.879+/-0.000 χ^2/NDF : 9048441950.1/11

In: -0.881+/-0.000 χ^2/NDF : 3963806741.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.879+/-0.000 χ^2/NDF : 9048441950.1/11

yield_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 15781.2/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 19930.2/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

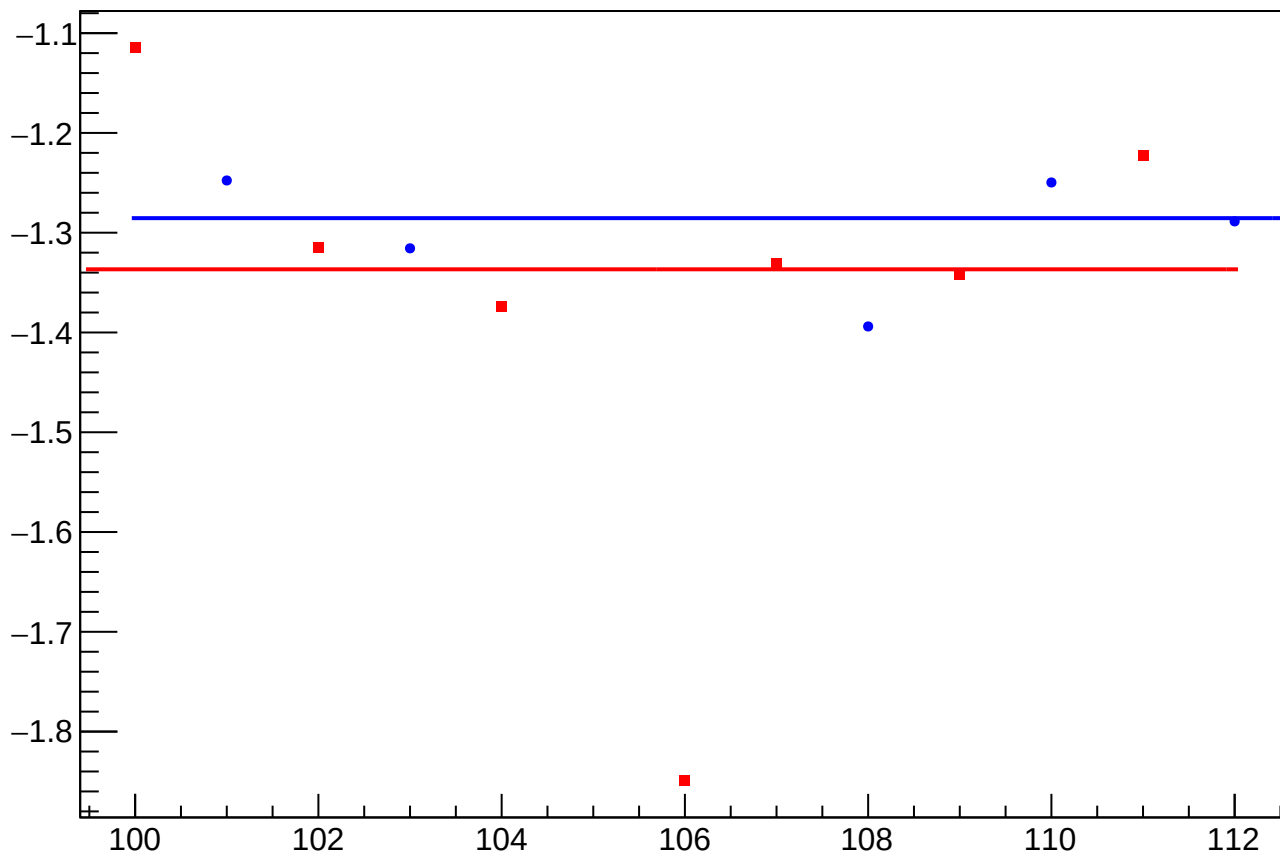
Right: 0.011+/-0.000 χ^2/NDF : 36504.3/11

In: 0.011+/-0.000 χ^2/NDF :15781.2/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 36504.3/11

yield_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: -1.285+/-0.000 χ^2/NDF : 948716397.0/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.337+/-0.000 χ^2/NDF : 5508081424.2/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

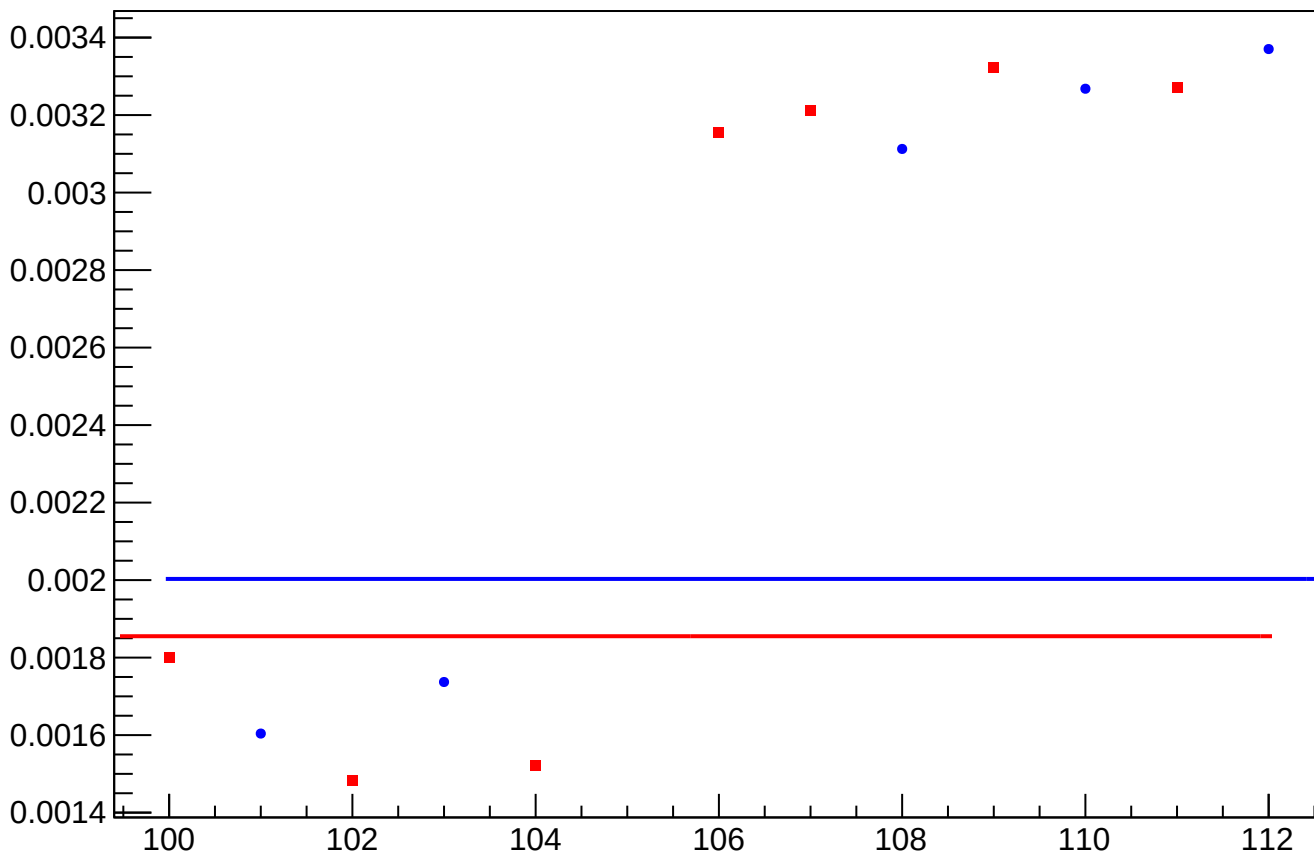
Right: -1.313+/-0.000 χ^2/NDF : 7174993828.1/11

In: -1.285+/-0.000 χ^2/NDF :948716397.0/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.313+/-0.000 χ^2/NDF : 7174993828.1/11

yield_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 432103.9/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 587989.8/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

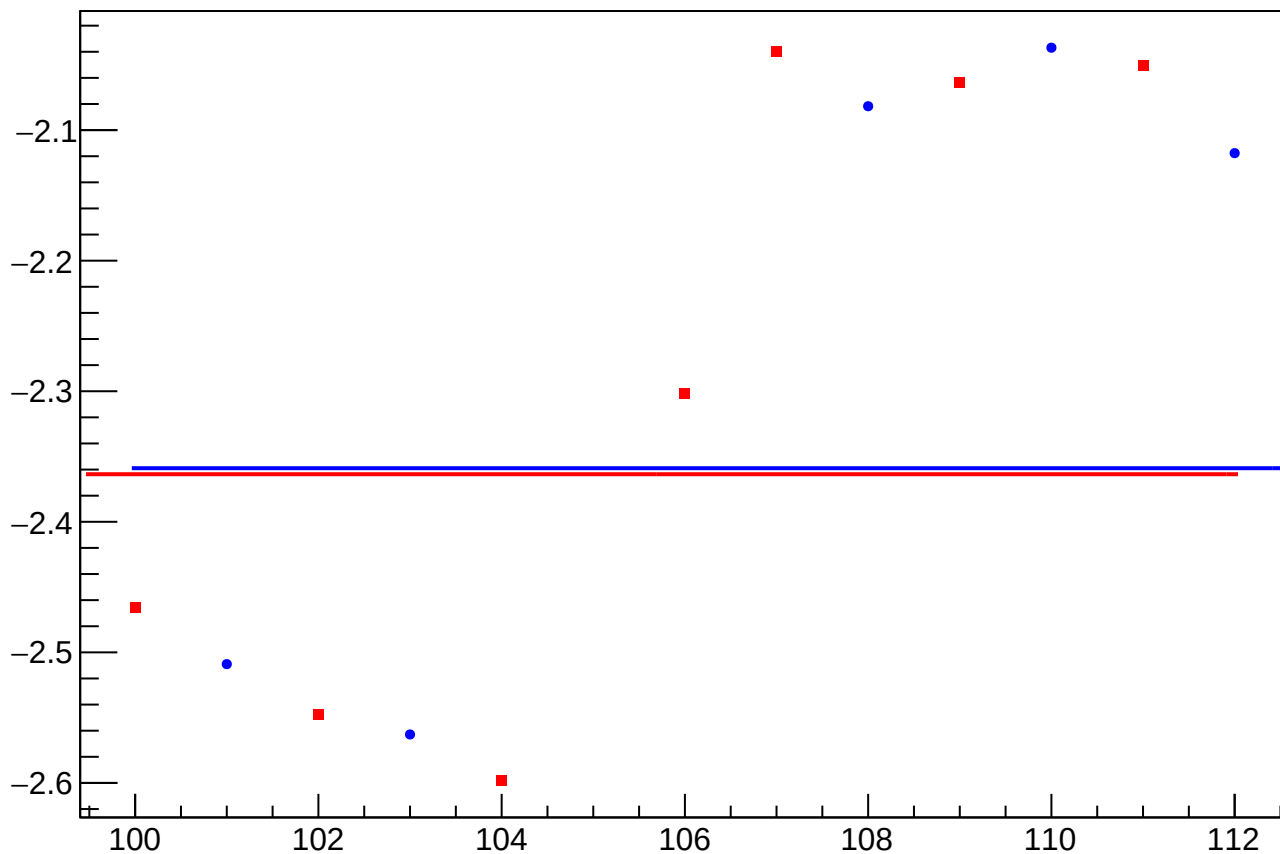
Right: 0.002+/-0.000 χ^2/NDF : 1032031.9/11

In: 0.002+/-0.000 χ^2/NDF :432103.9/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1032031.9/11

yield_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: -2.359+/-0.000 χ^2/NDF : 3053847069.5/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.364+/-0.000 χ^2/NDF : 4063307175.6/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

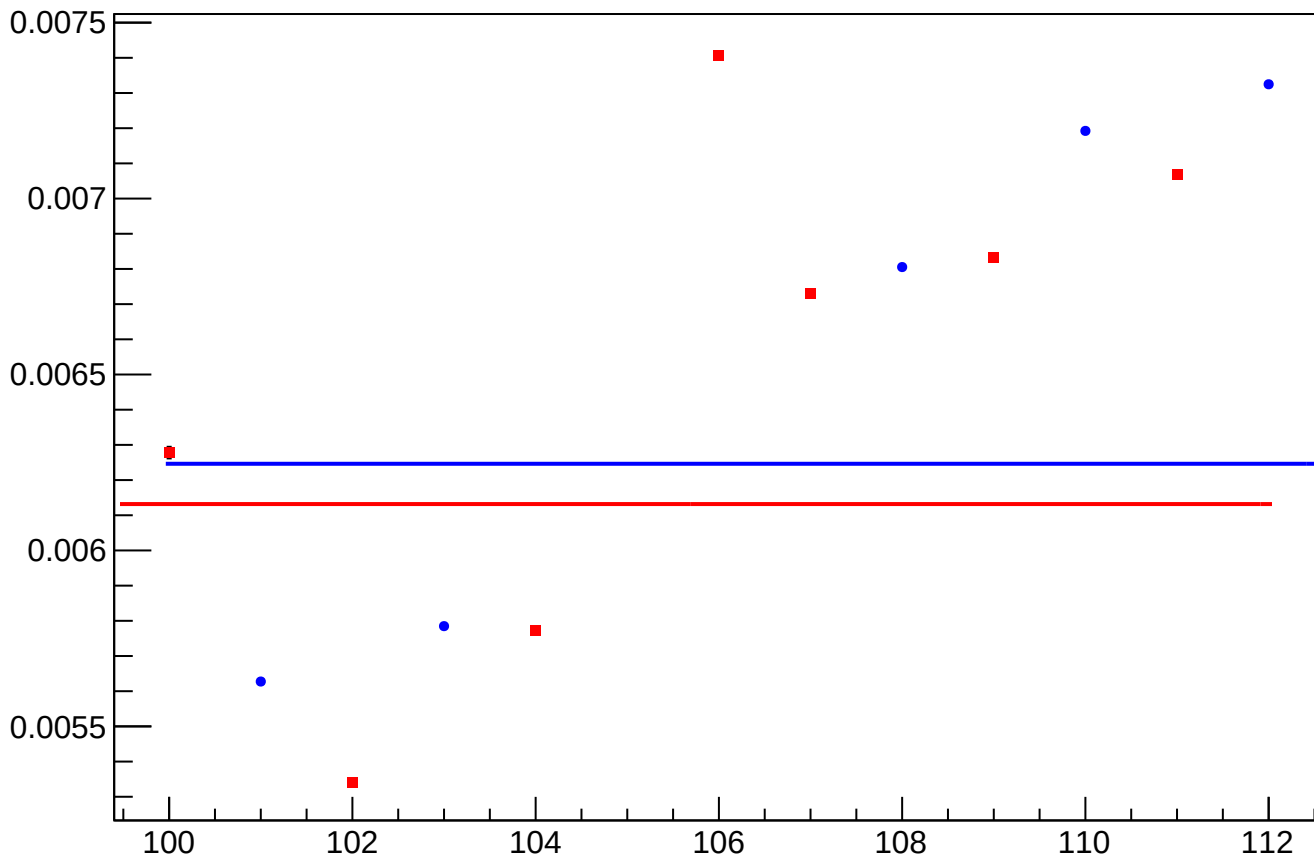
Right: -2.361+/-0.000 χ^2/NDF : 7117845435.1/11

In: -2.359+/-0.000 χ^2/NDF :3053847069.5/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.361+/-0.000 χ^2/NDF : 7117845435.1/11

yield_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 61444.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 72830.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

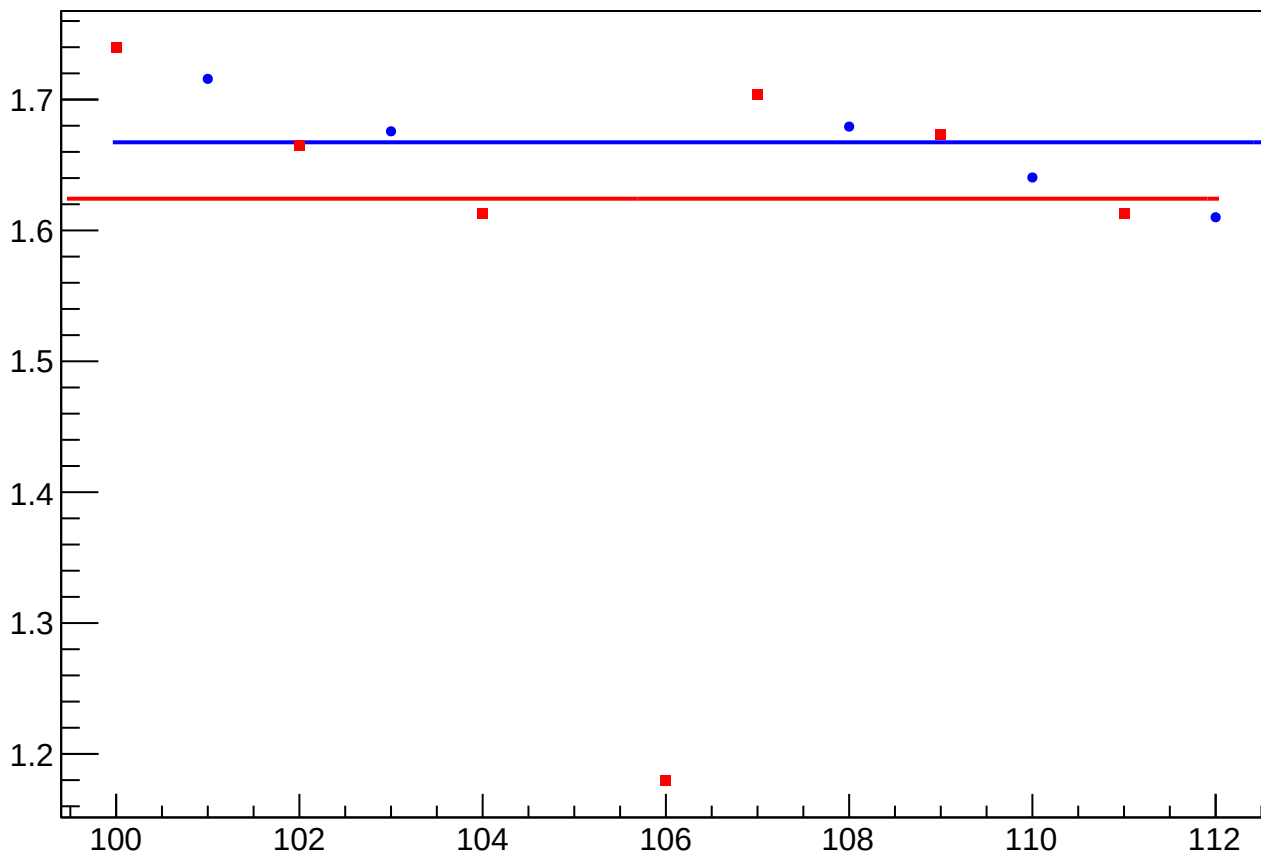
Right: 0.006+/-0.000 χ^2/NDF : 135125.9/11

In: 0.006+/-0.000 χ^2/NDF : 61444.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 135125.9/11

yield_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 1.667+/-0.000 χ^2/NDF : 662395777.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.624+/-0.000 χ^2/NDF : 7593136859.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

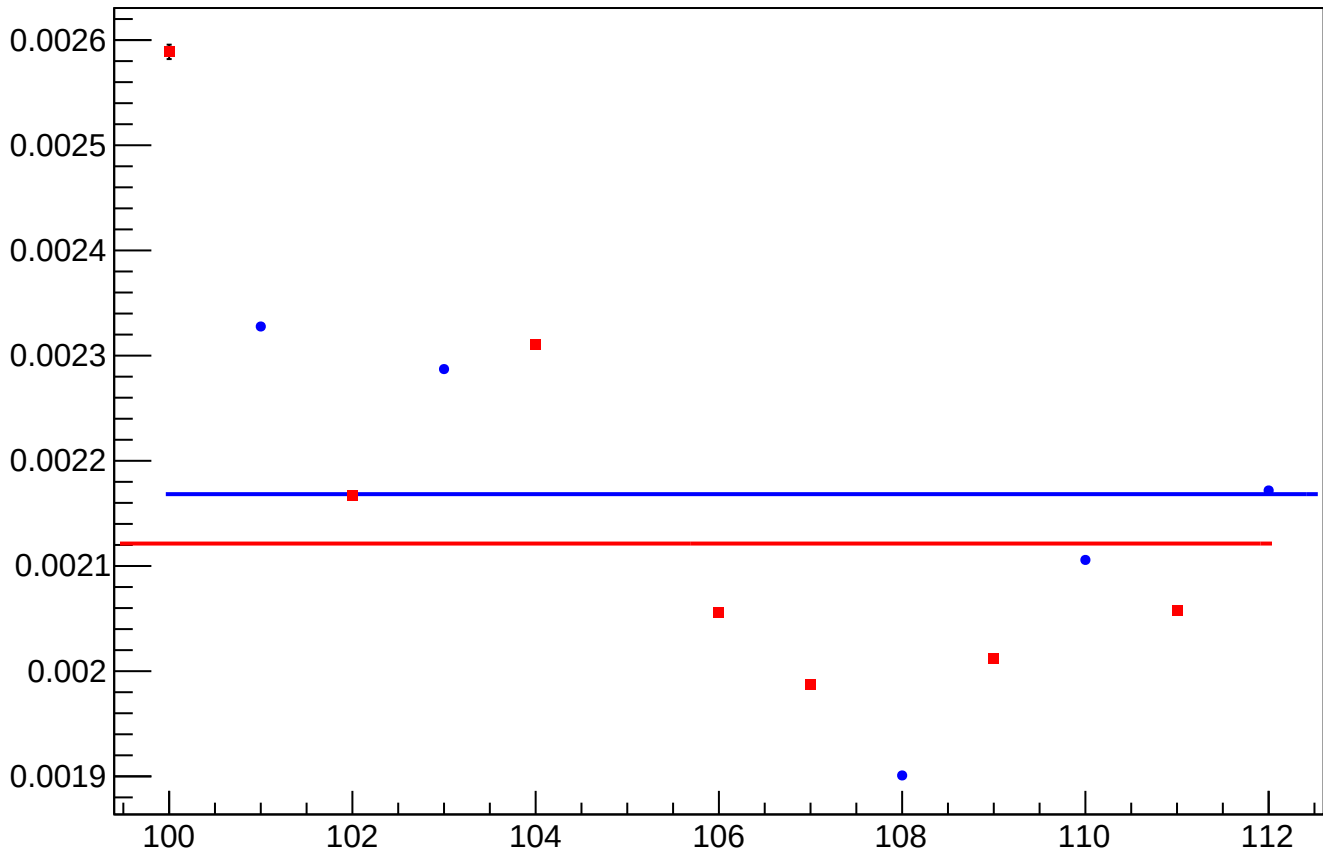
Right: 1.645+/-0.000 χ^2/NDF : 8737960839.7/11

In: 1.667+/-0.000 χ^2/NDF : 662395777.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.645+/-0.000 χ^2/NDF : 8737960839.7/11

yield_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 23715.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 17803.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

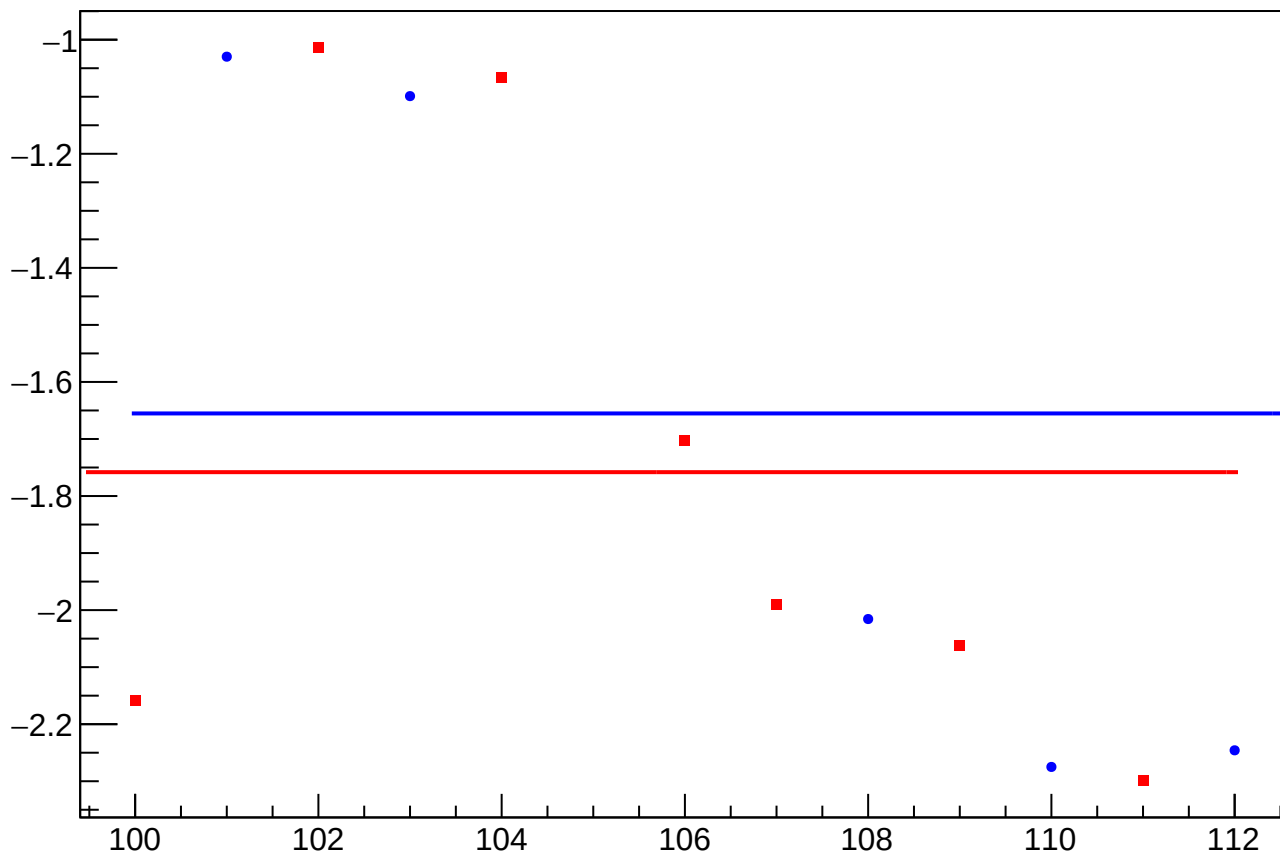
Right: 0.002+/-0.000 χ^2/NDF : 42666.4/11

In: 0.002+/-0.000 χ^2/NDF : 23715.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 42666.4/11

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.655+/-0.000 χ^2/NDF : 15689875337.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.758+/-0.000 χ^2/NDF : 17946019735.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

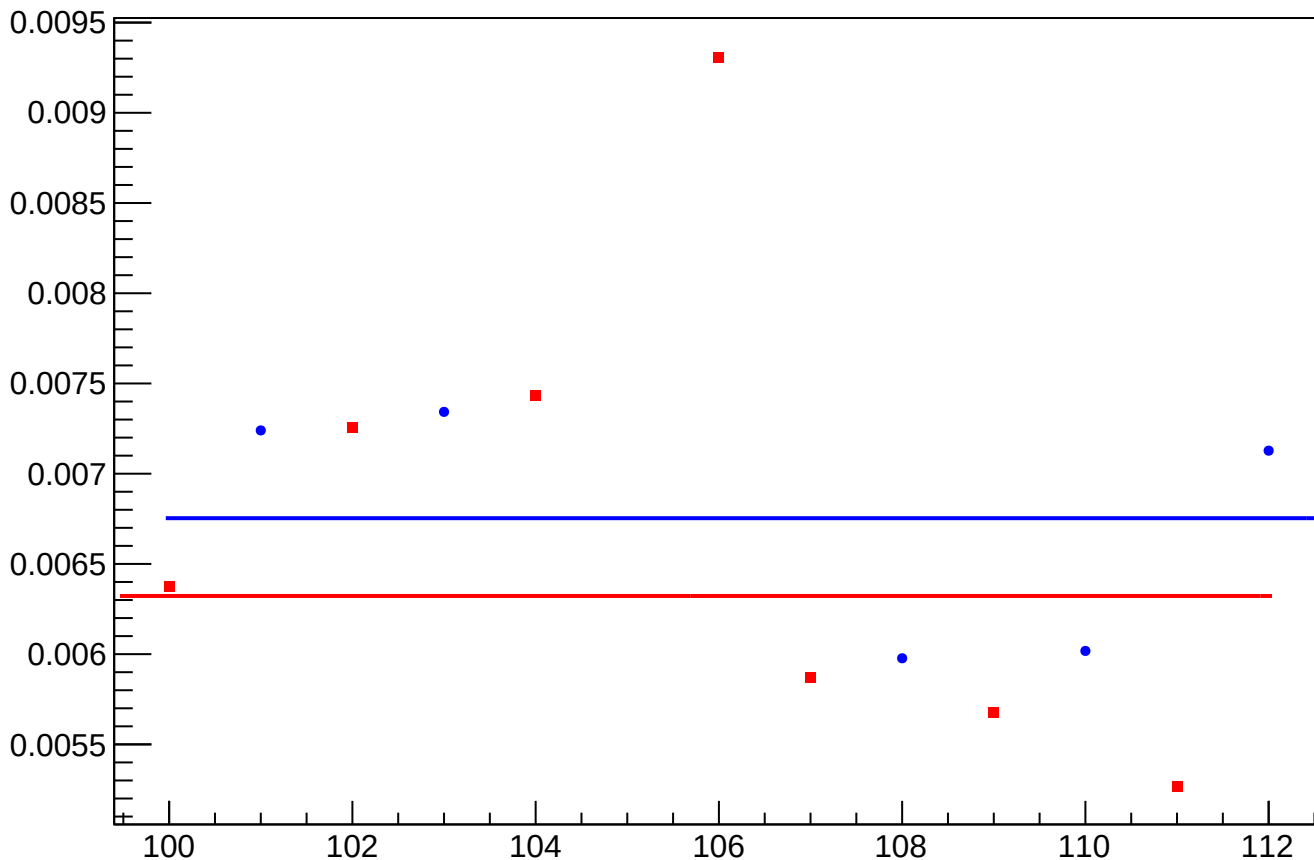
Right: -1.713+/-0.000 χ^2/NDF : 33936078365.8/11

In: -1.655+/-0.000 χ^2/NDF : 15689875337.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.713+/-0.000 χ^2/NDF : 33936078365.8/11

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 38580.1/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 144358.1/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

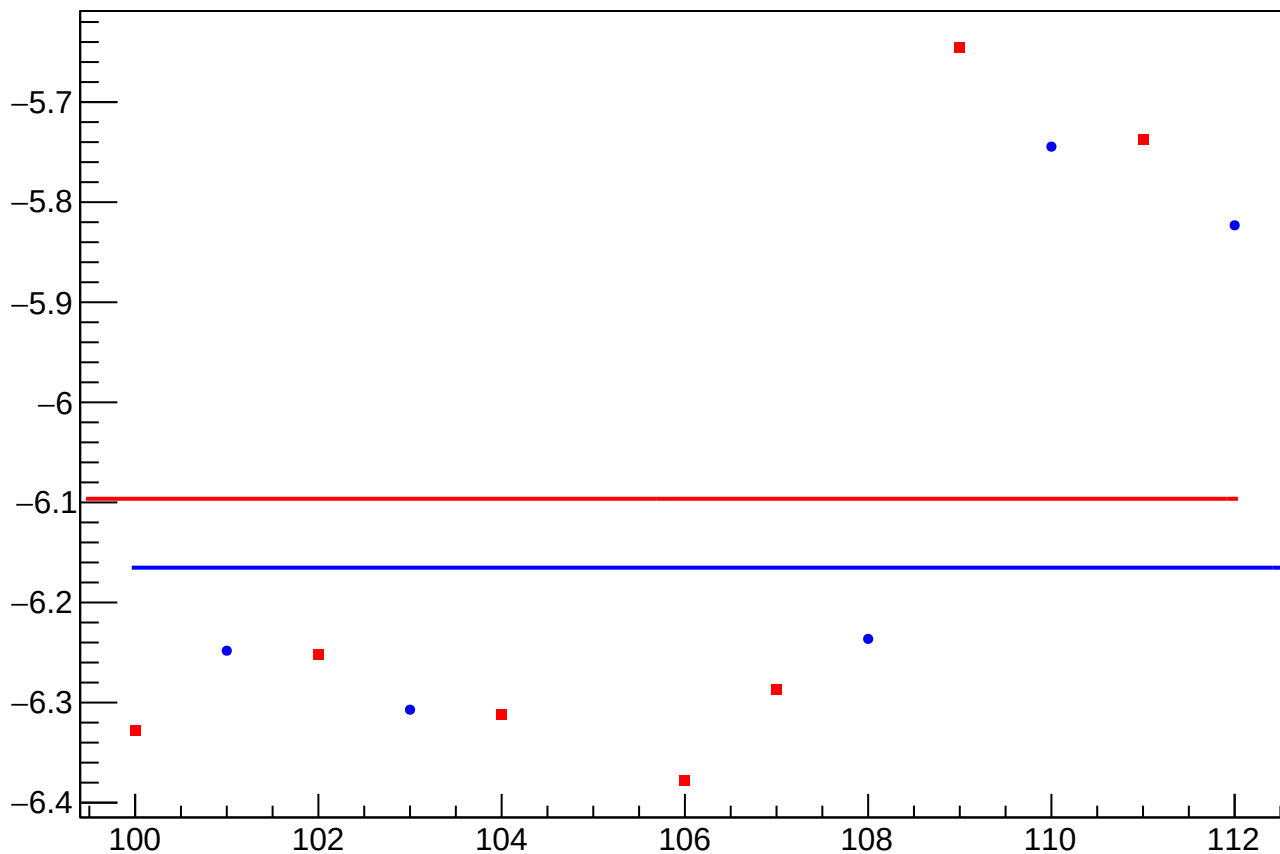
Right: 0.007+/-0.000 χ^2/NDF : 193467.5/11

In: 0.007+/-0.000 χ^2/NDF :38580.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 193467.5/11

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -6.165+/-0.000 χ^2/NDF : 2812995841.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.096+/-0.000 χ^2/NDF : 6964534884.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

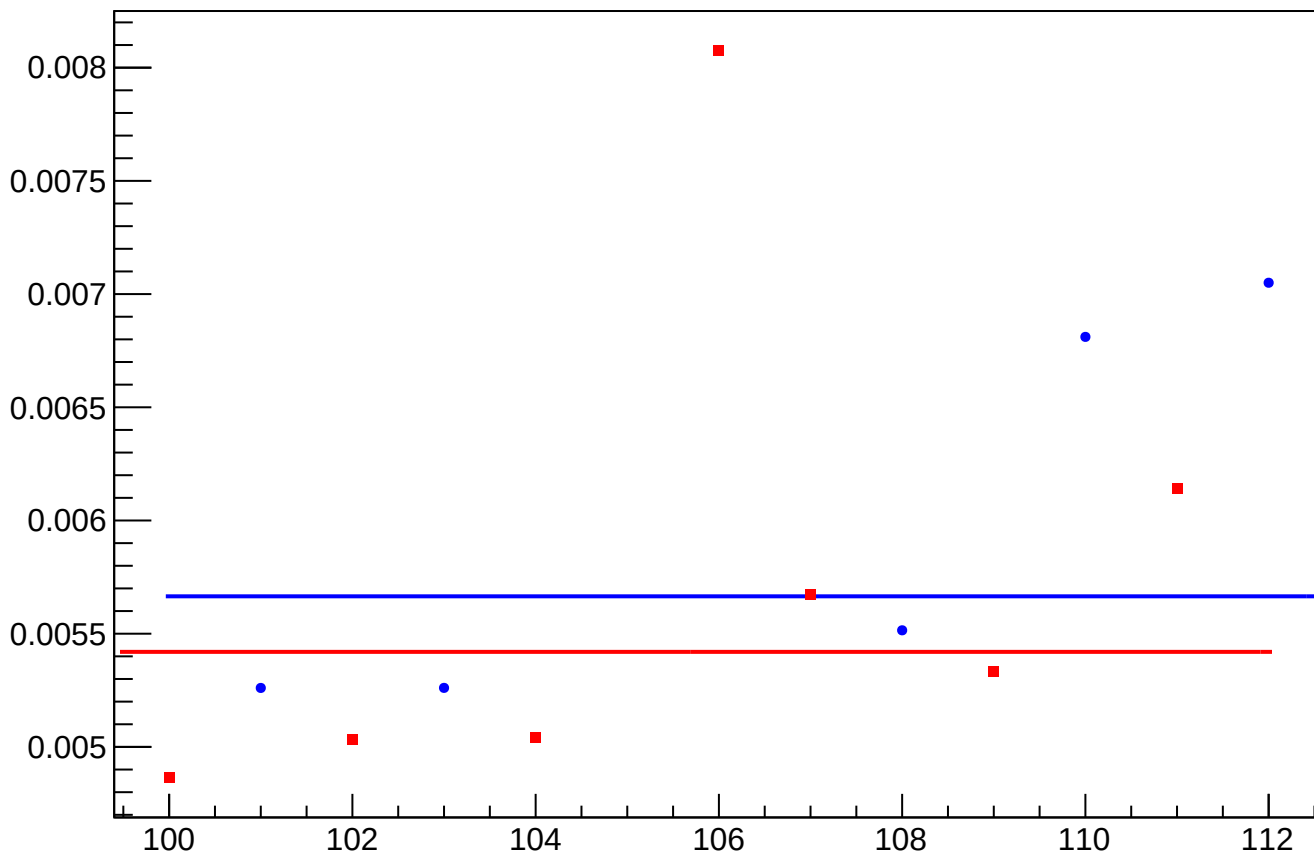
Right: -6.128+/-0.000 χ^2/NDF : 9961387511.8/11

In: -6.165+/-0.000 χ^2/NDF : 2812995841.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.128+/-0.000 χ^2/NDF : 9961387511.8/11

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 65073.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 84139.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

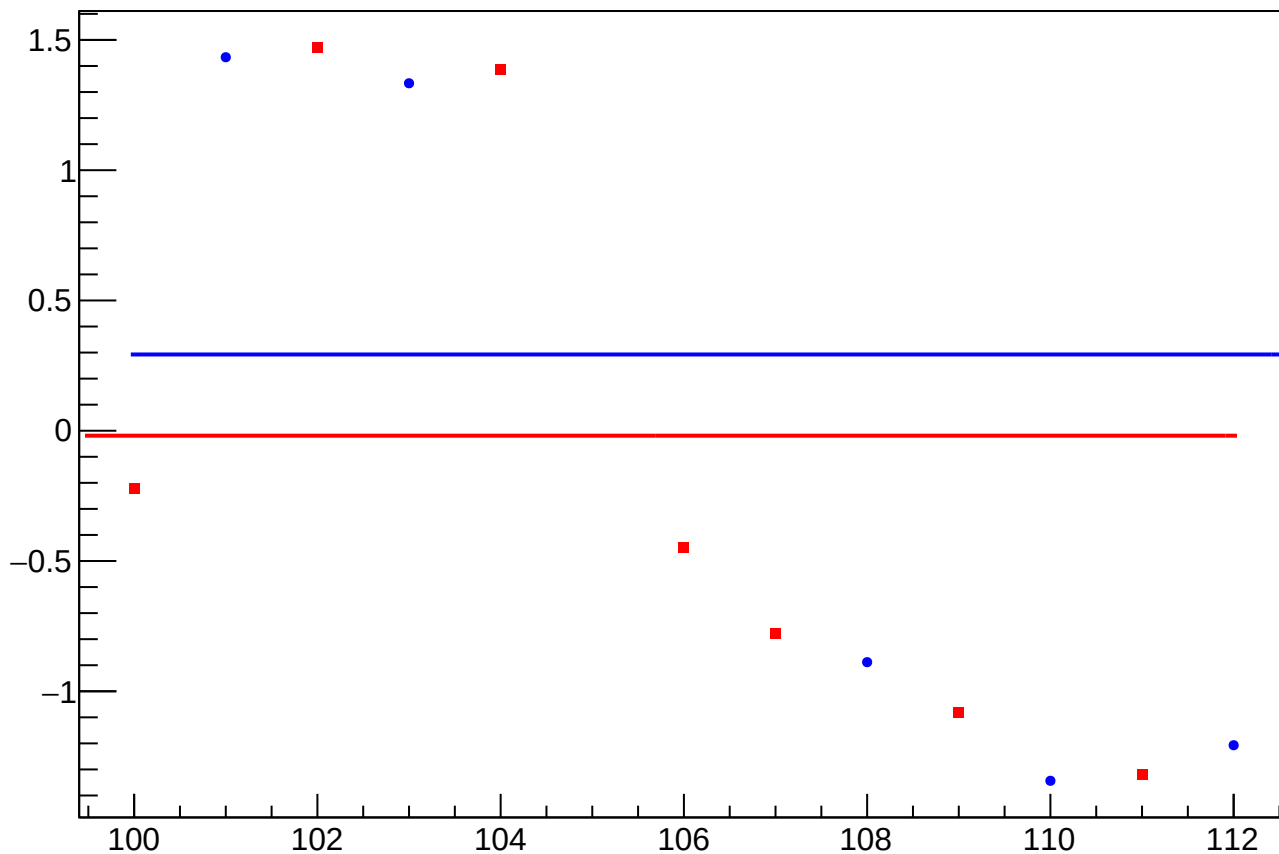
Right: 0.006+/-0.000 χ^2/NDF : 153882.6/11

In: 0.006+/-0.000 χ^2/NDF : 65073.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 153882.6/11

yield_bpm0l02X_mean vs Slug, Sign Corrected



Right In: 0.293+/-0.000 χ^2/NDF : 15577006546.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.019+/-0.000 χ^2/NDF : 19878687758.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

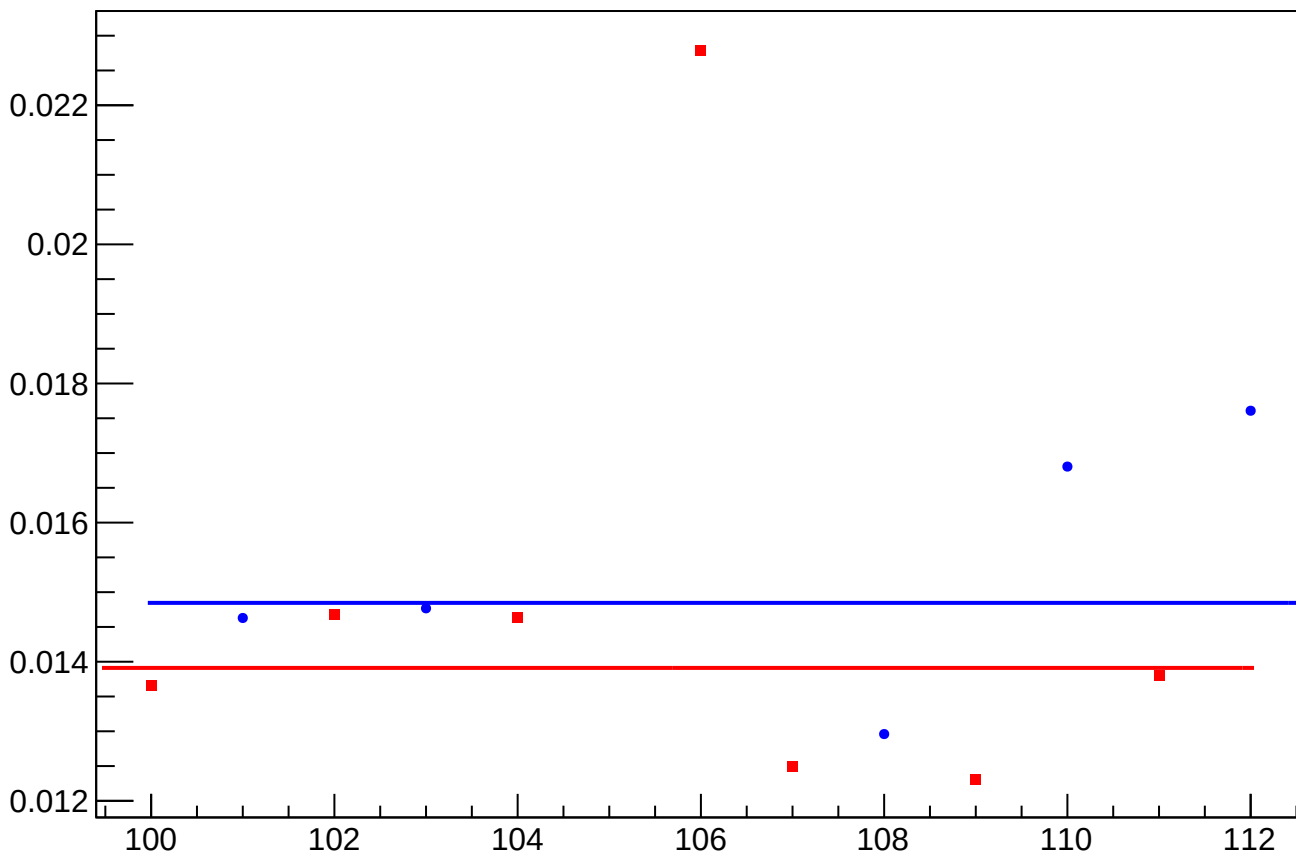
Right: 0.117+/-0.000 χ^2/NDF : 36017847063.6/11

In: 0.293+/-0.000 χ^2/NDF : 15577006546.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.117+/-0.000 χ^2/NDF : 36017847063.6/11

yield_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 42454.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 94382.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

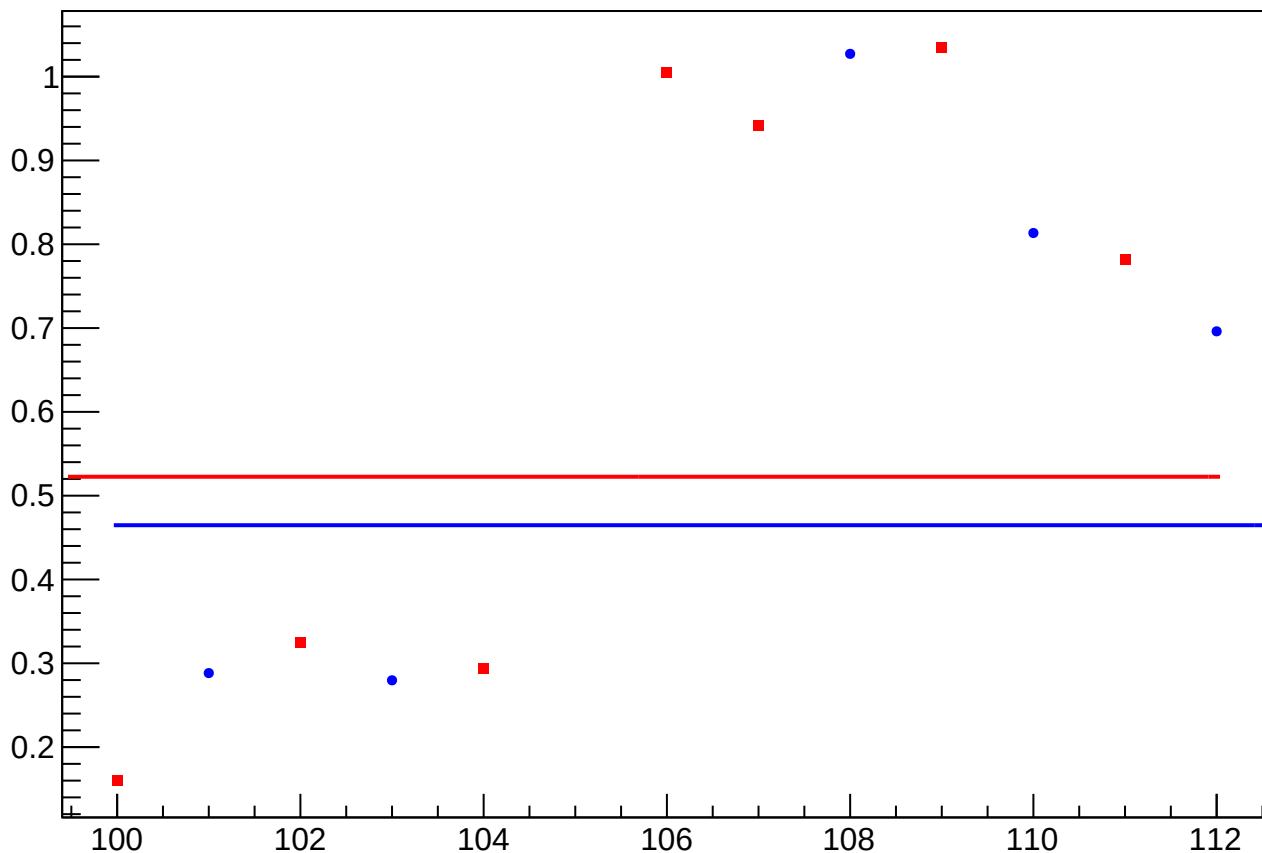
Right: 0.014+/-0.000 χ^2/NDF : 146955.4/11

In: 0.015+/-0.000 χ^2/NDF : 42454.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 146955.4/11

yield_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 0.465+/-0.000

χ^2/NDF : 3179083816.3/4

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.496+/-0.000

χ^2/NDF : 7583804137.6/11

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.465+/-0.000

χ^2/NDF : 3179083816.3/4

Right Out: 0.523+/-0.000

χ^2/NDF : 4336037370.6/6

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

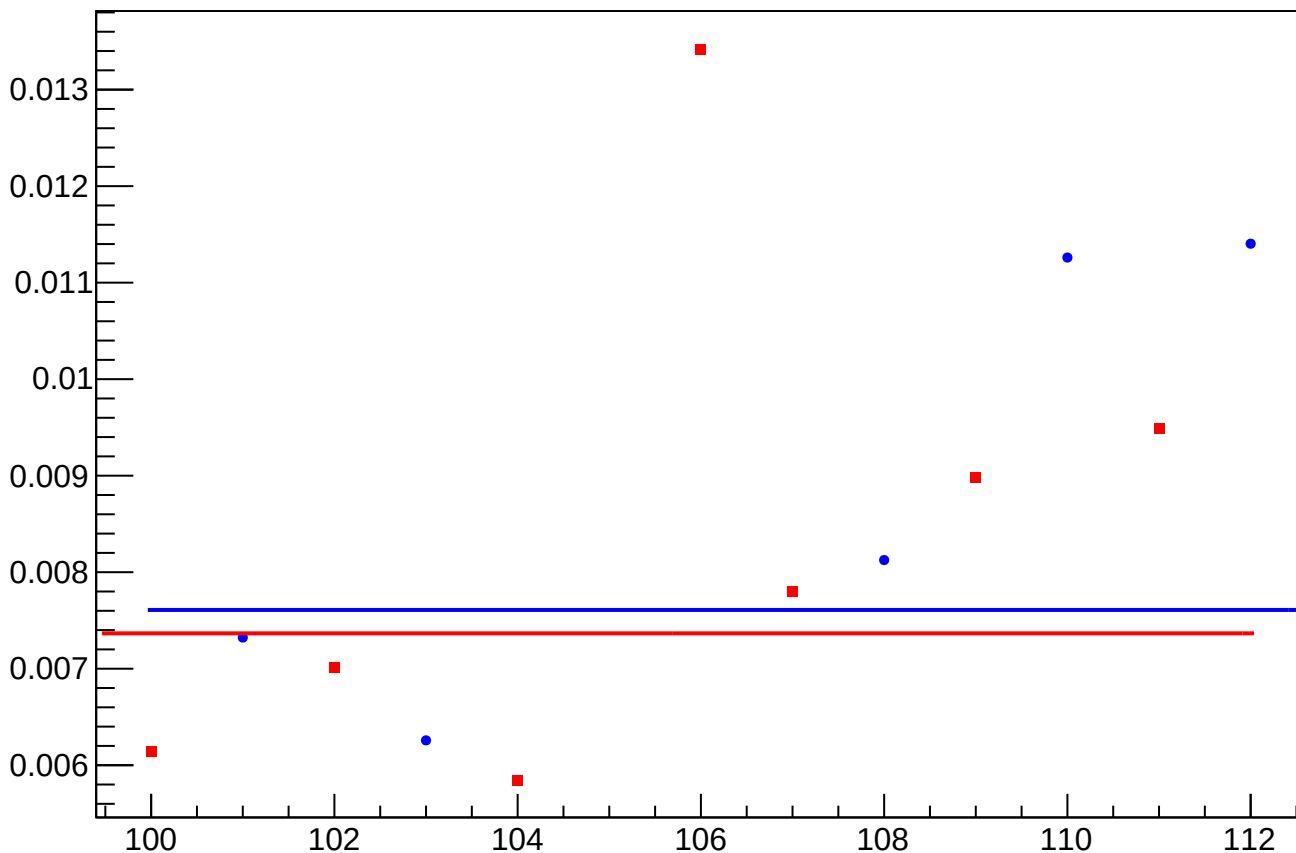
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.496+/-0.000

χ^2/NDF : 7583804137.6/11

yield_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 210717.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 236121.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

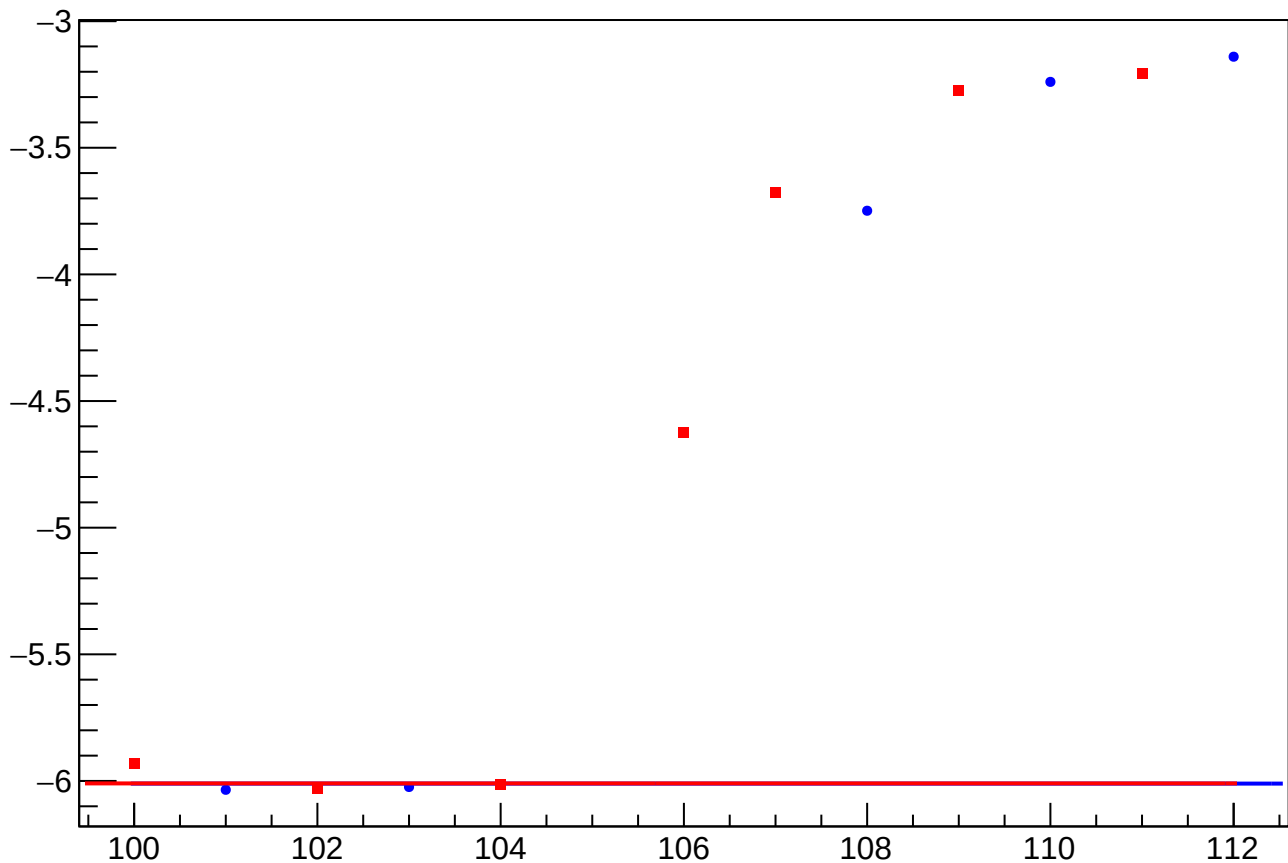
Right: 0.007+/-0.000 χ^2/NDF : 449252.7/11

In: 0.008+/-0.000 χ^2/NDF : 210717.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 449252.7/11

yield_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -6.010+/-0.000 χ^2/NDF : 2244289307.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.010+/-0.000 χ^2/NDF : 1071449320.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

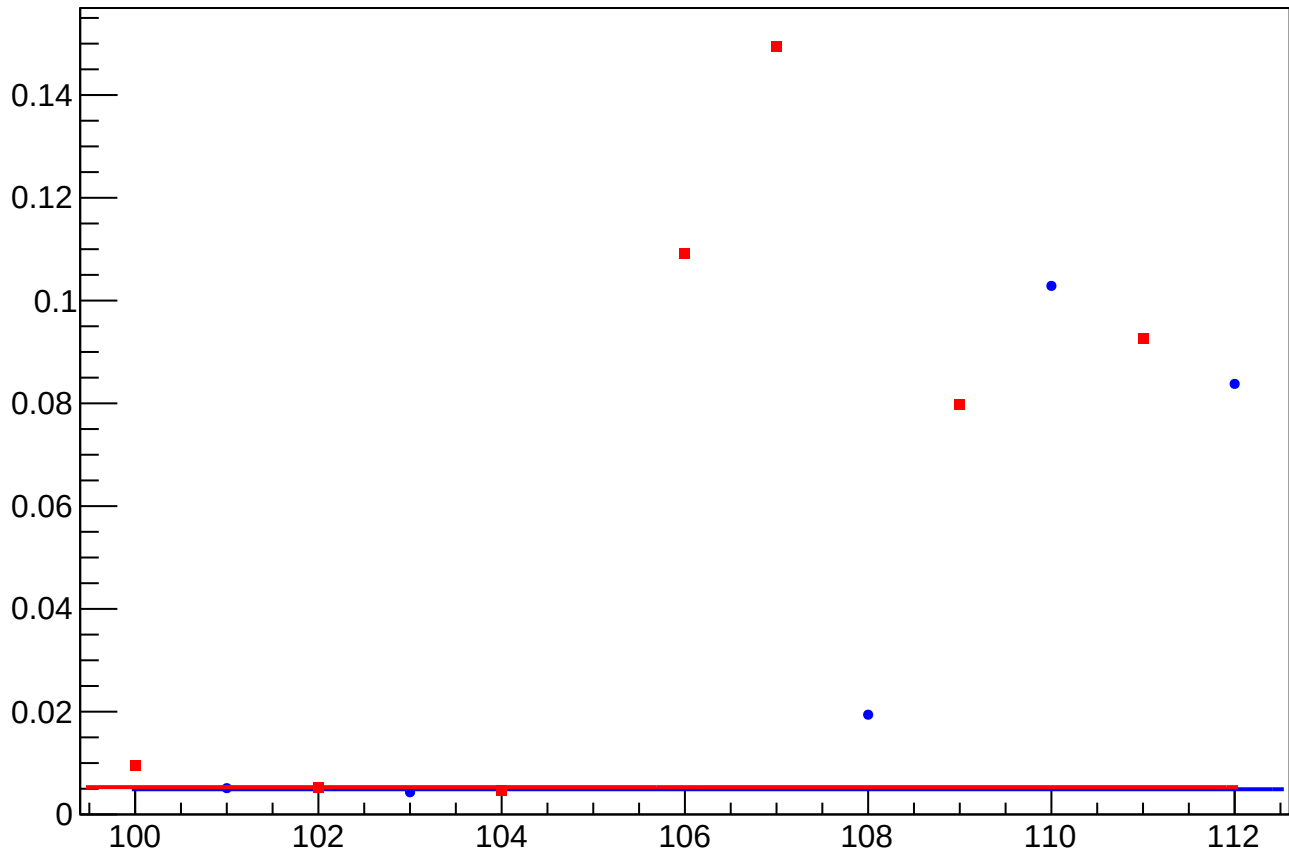
Right: -6.010+/-0.000 χ^2/NDF : 3315751473.9/11

In: -6.010+/-0.000 χ^2/NDF : 2244289307.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.010+/-0.000 χ^2/NDF : 3315751473.9/11

yield_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1570445.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 2570555.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

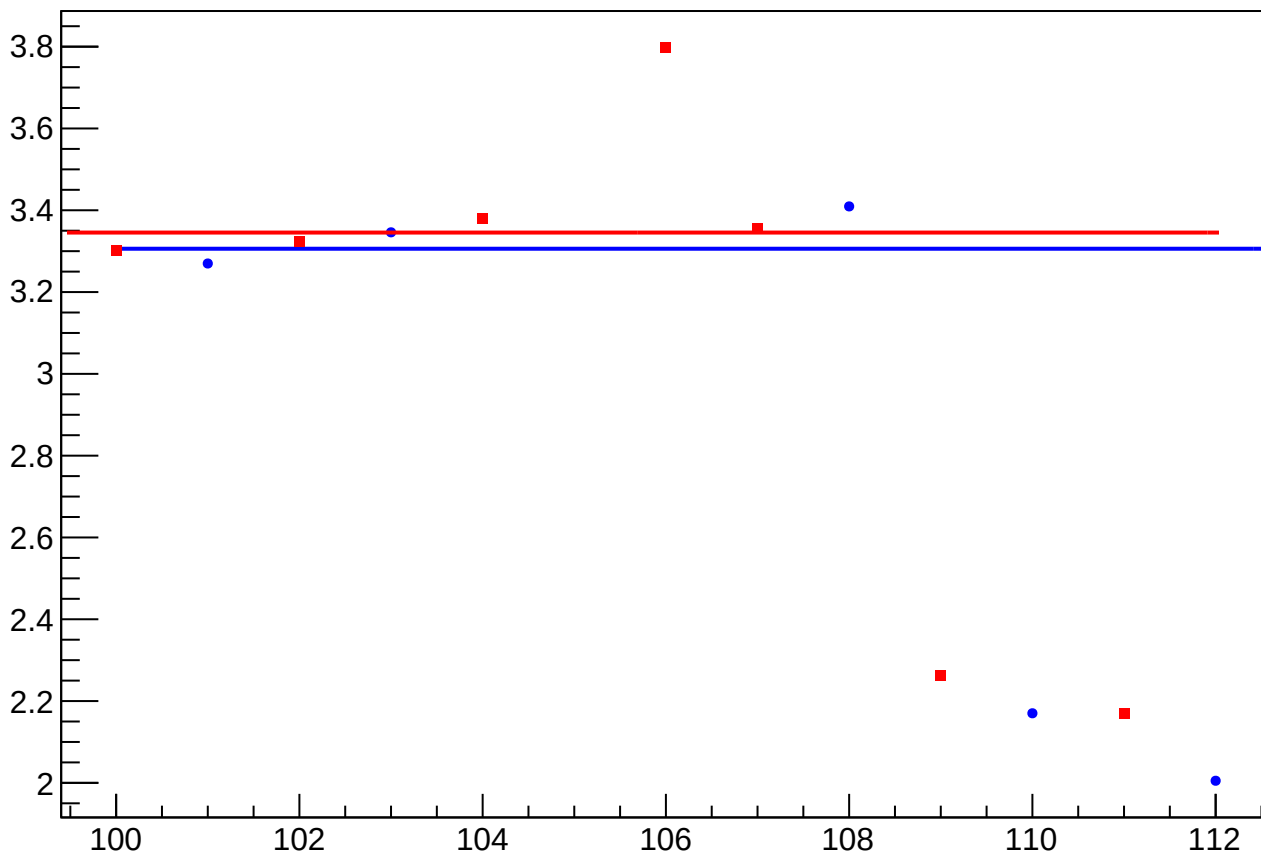
Right: 0.005+/-0.000 χ^2/NDF : 4148624.3/11

In: 0.005+/-0.000 χ^2/NDF : 1570445.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 4148624.3/11

yield_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: 3.306+/-0.000 χ^2/NDF : 190598509.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.345+/-0.000 χ^2/NDF : 182470617.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

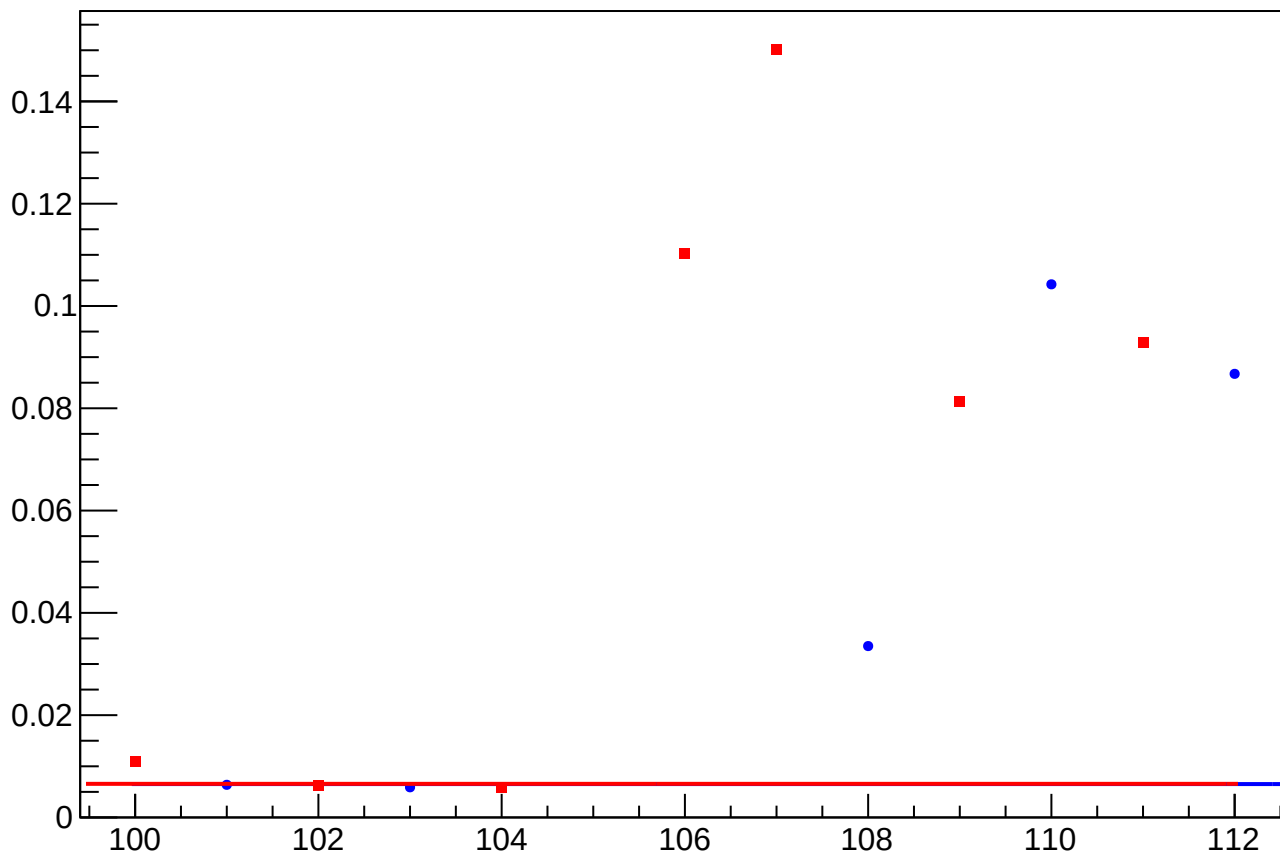
Right: 3.325+/-0.000 χ^2/NDF : 395992966.1/11

In: 3.306+/-0.000 χ^2/NDF : 190598509.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.325+/-0.000 χ^2/NDF : 395992966.1/11

yield_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 1606753.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 2497373.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

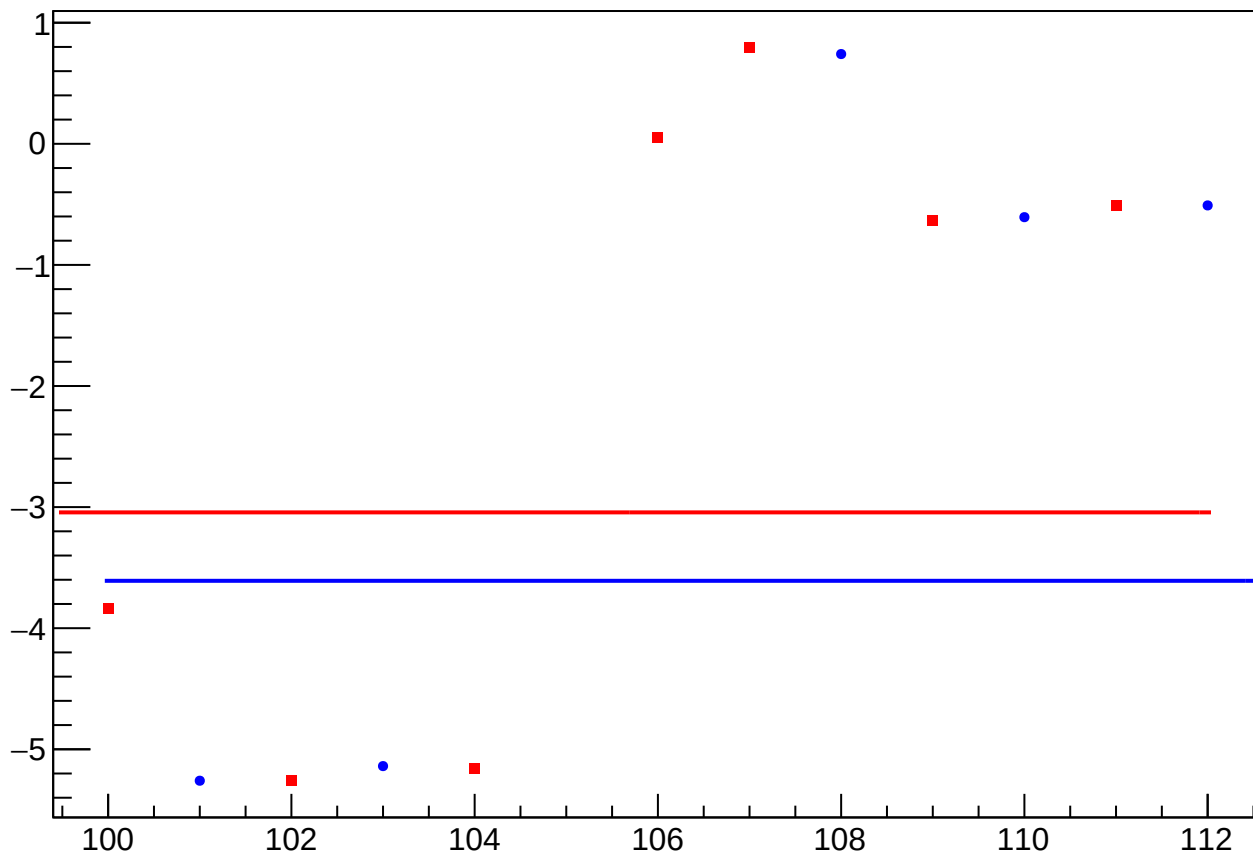
Right: 0.007+/-0.000 χ^2/NDF : 4104184.2/11

In: 0.007+/-0.000 χ^2/NDF : 1606753.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 4104184.2/11

yield_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -3.609+/-0.000 χ^2/NDF : 73566415239.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.044+/-0.000 χ^2/NDF : 89940201109.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

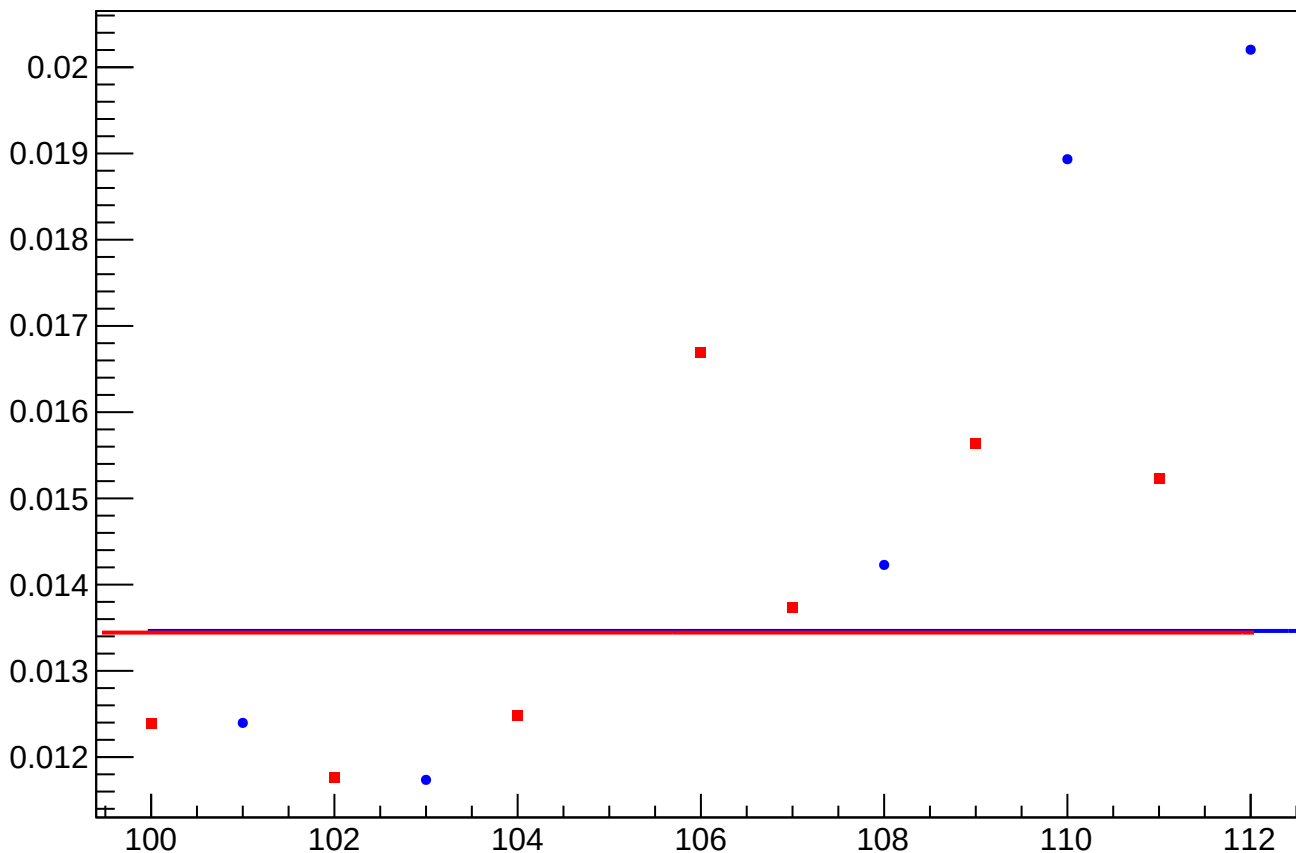
Right: -3.301+/-0.000 χ^2/NDF : 165616559282.9/11

In: -3.609+/-0.000 χ^2/NDF : 73566415239.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.301+/-0.000 χ^2/NDF : 165616559282.9/11

yield_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 167318.8/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 87048.0/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

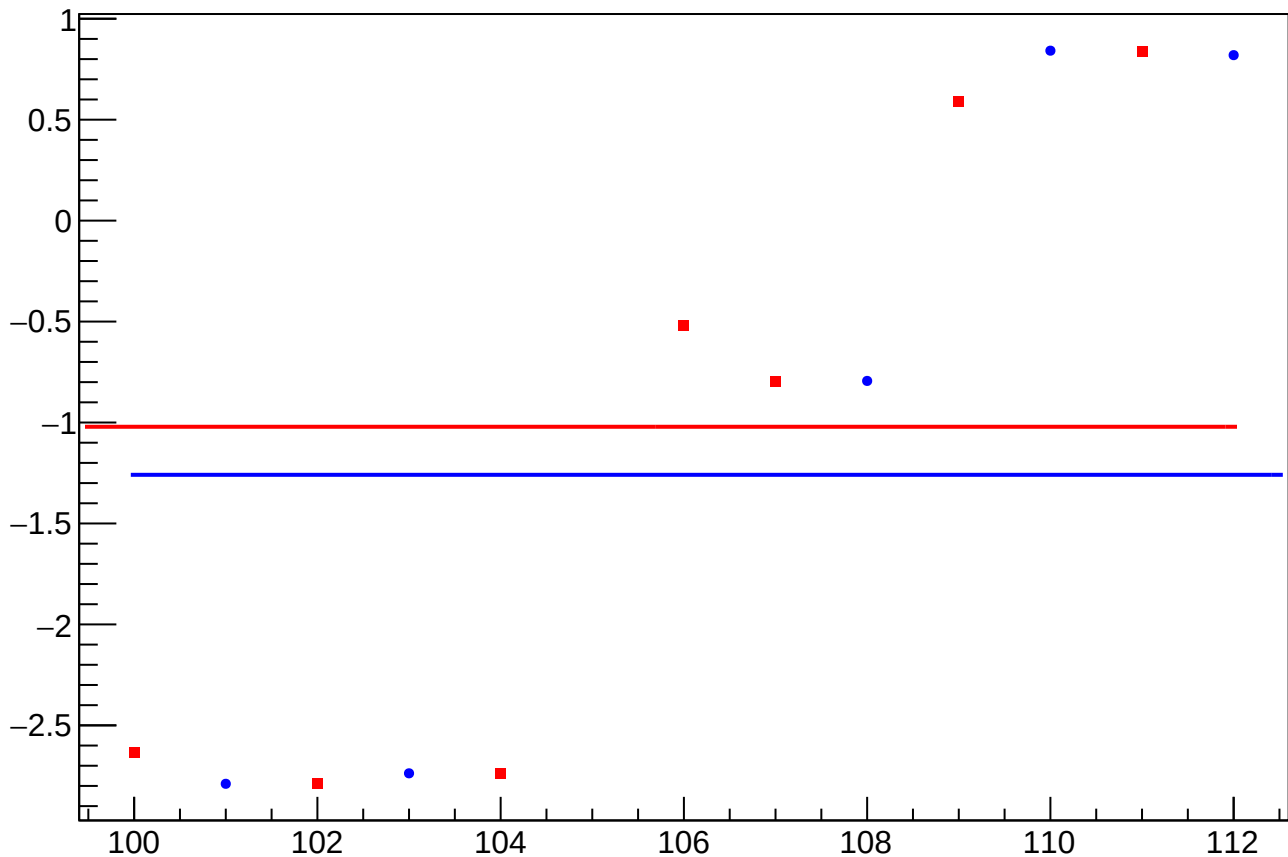
Right: 0.013+/-0.000 χ^2/NDF : 254371.6/11

In: 0.013+/-0.000 χ^2/NDF :167318.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.013+/-0.000 χ^2/NDF : 254371.6/11

yield_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -1.259+/-0.000 χ^2/NDF : 406627315621.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.021+/-0.000 χ^2/NDF : 527302709058.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

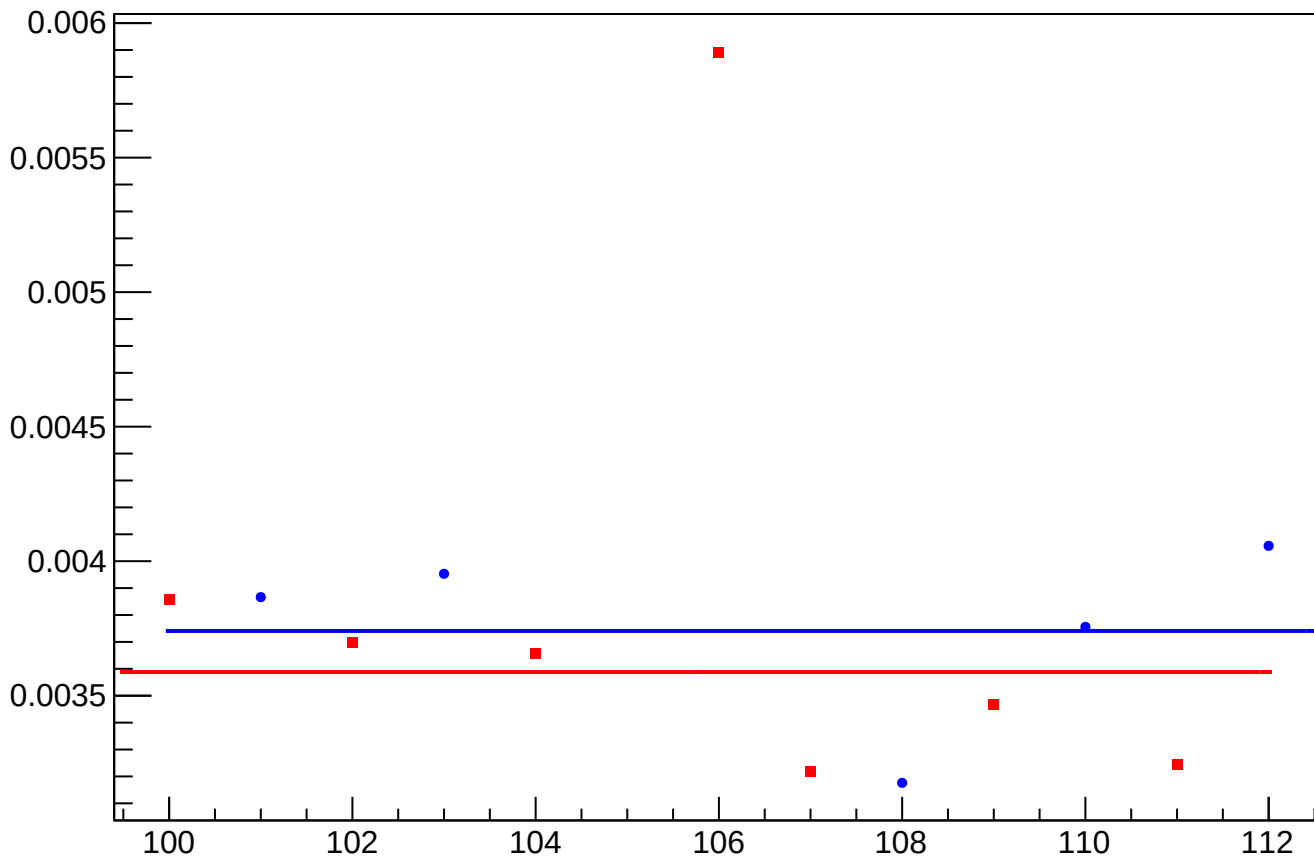
Right: -1.129+/-0.000 χ^2/NDF : 939172123826.5/11

In: -1.259+/-0.000 χ^2/NDF : 406627315621.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.129+/-0.000 χ^2/NDF : 939172123826.5

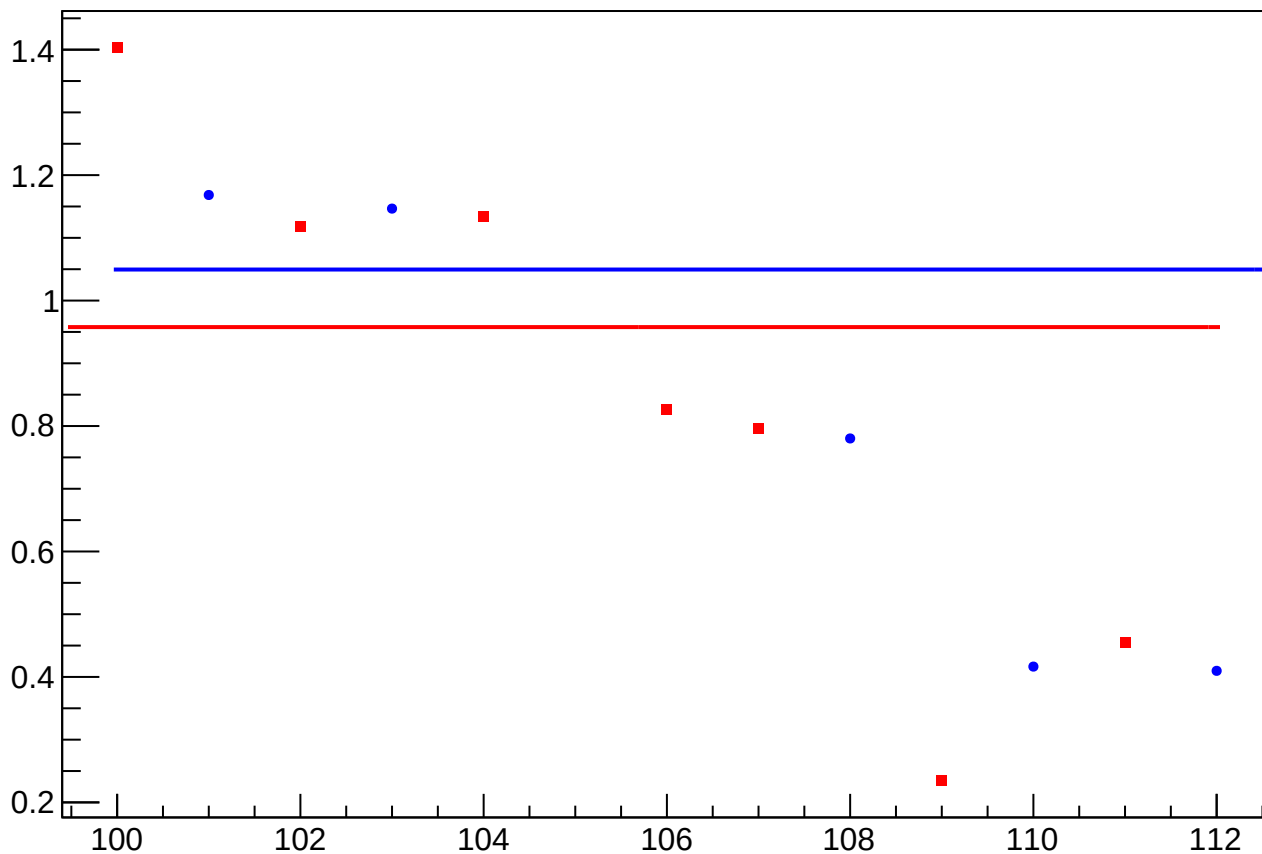
yield_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 34751.7/4
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.004+/-0.000 χ^2/NDF : 106093.2/6
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.004+/-0.000 χ^2/NDF : 145161.8/11
In: 0.004+/-0.000 χ^2/NDF : 34751.7/4
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.004+/-0.000 χ^2/NDF : 145161.8/11

yield_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 1.049+/-0.000 χ^2/NDF : 4952007716.5/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.958+/-0.000 χ^2/NDF : 9649150638.7/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

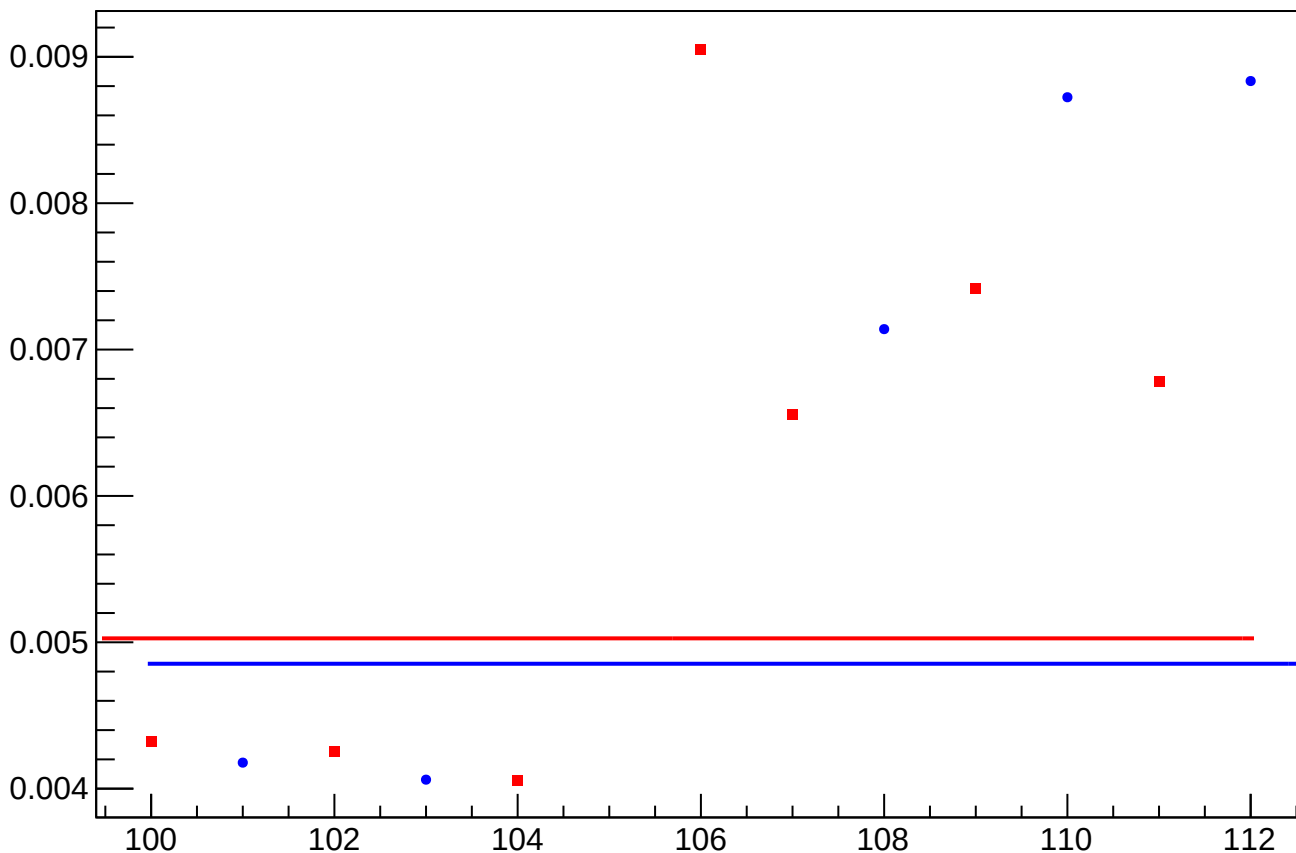
Right: 1.002+/-0.000 χ^2/NDF : 14982613784.9/11

In: 1.049+/-0.000 χ^2/NDF :4952007716.5/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.002+/-0.000 χ^2/NDF : 14982613784.9/11

yield_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 427772.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 381051.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

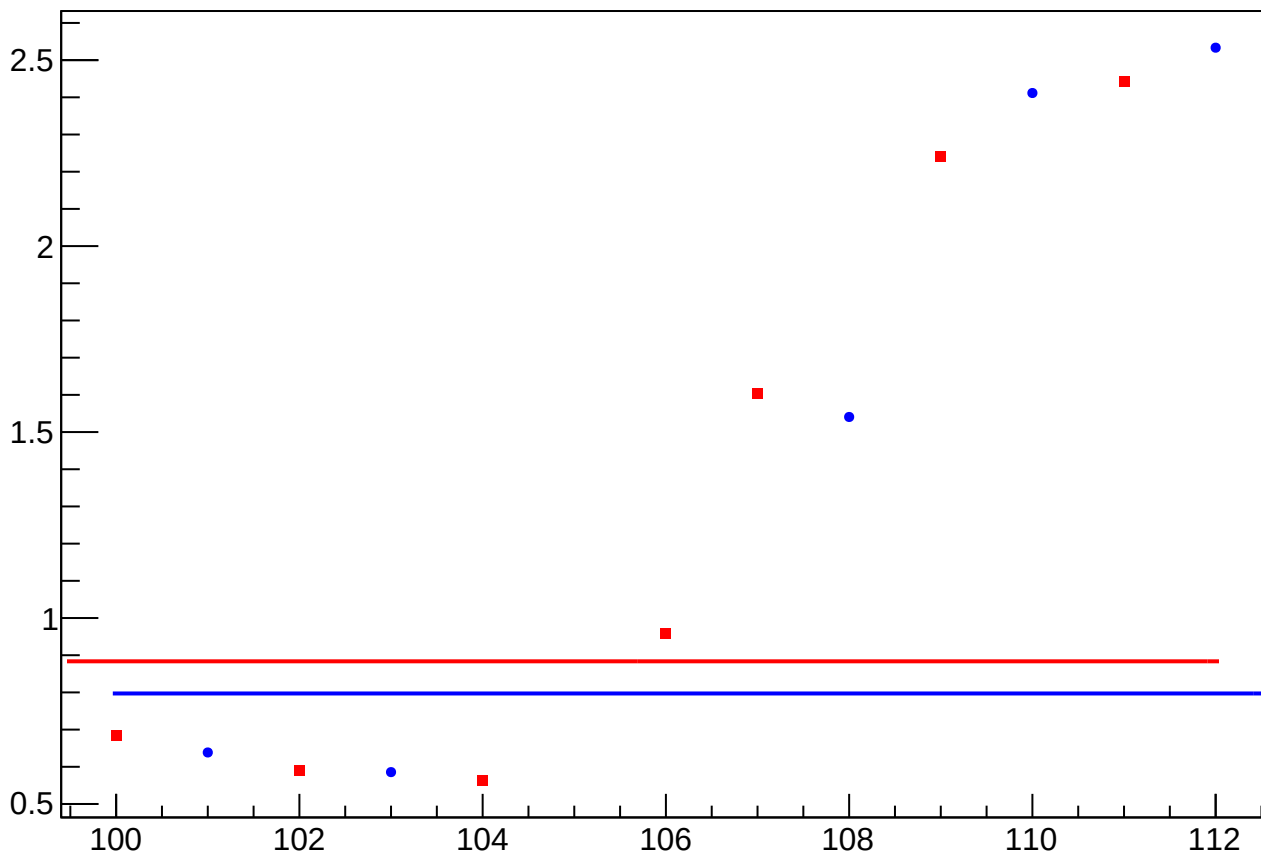
Right: 0.005+/-0.000 χ^2/NDF : 811548.8/11

In: 0.005+/-0.000 χ^2/NDF : 427772.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 811548.8/11

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 0.797+/-0.000 χ^2/NDF : 25826491998.4/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.884+/-0.000 χ^2/NDF : 43938323872.9/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

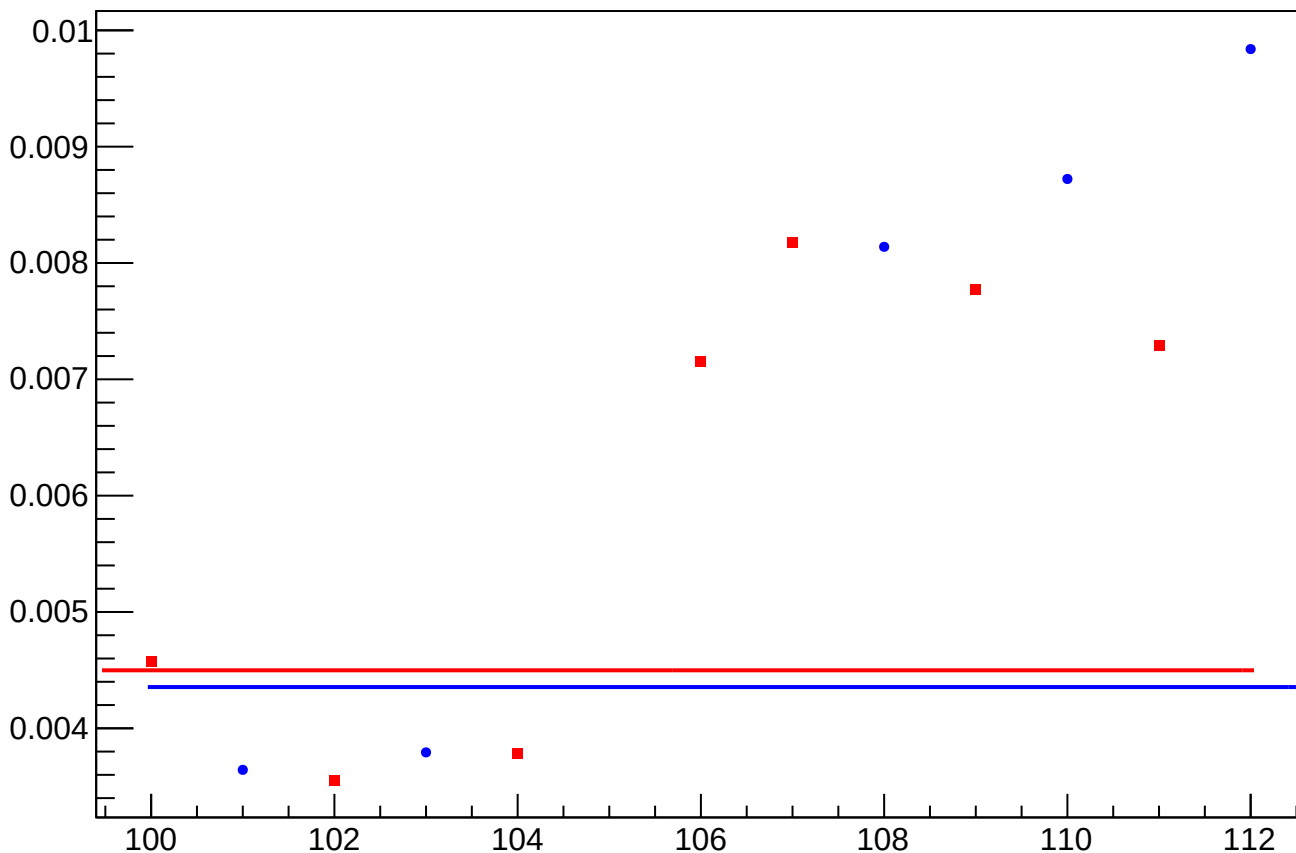
Right: 0.842+/-0.000 χ^2/NDF : 70157666008.8/11

In: 0.797+/-0.000 χ^2/NDF :25826491998.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.842+/-0.000 χ^2/NDF : 70157666008.8/11

yield_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 582063.0/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 564339.0/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

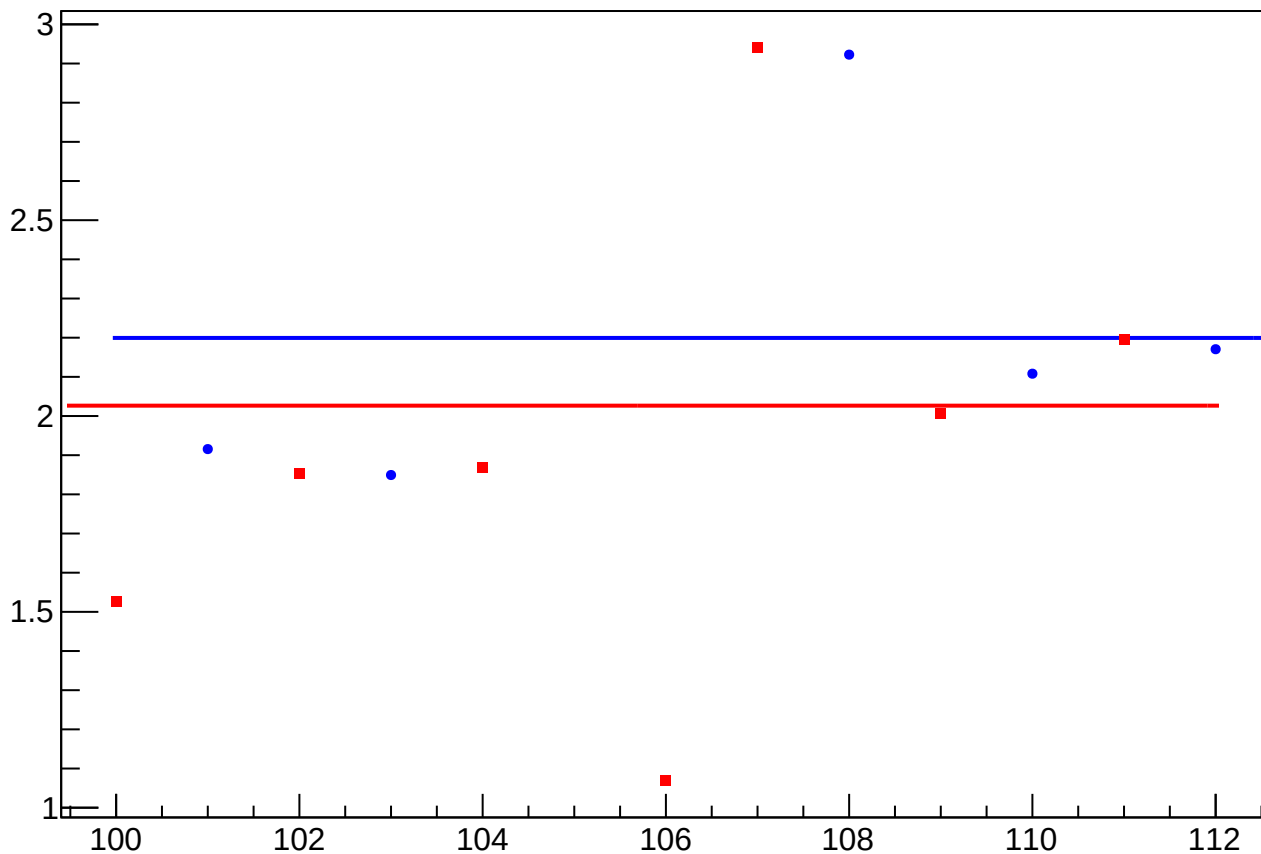
Right: 0.004+/-0.000 χ^2/NDF : 1148582.9/11

In: 0.004+/-0.000 χ^2/NDF :582063.0/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 1148582.9/11

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 2.199+/-0.000

χ^2/NDF : 7561860195.6/4

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 2.108+/-0.000 χ^2/NDF : 19316377302.2/11

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 2.199+/-0.000 χ^2/NDF : 7561860195.6/4

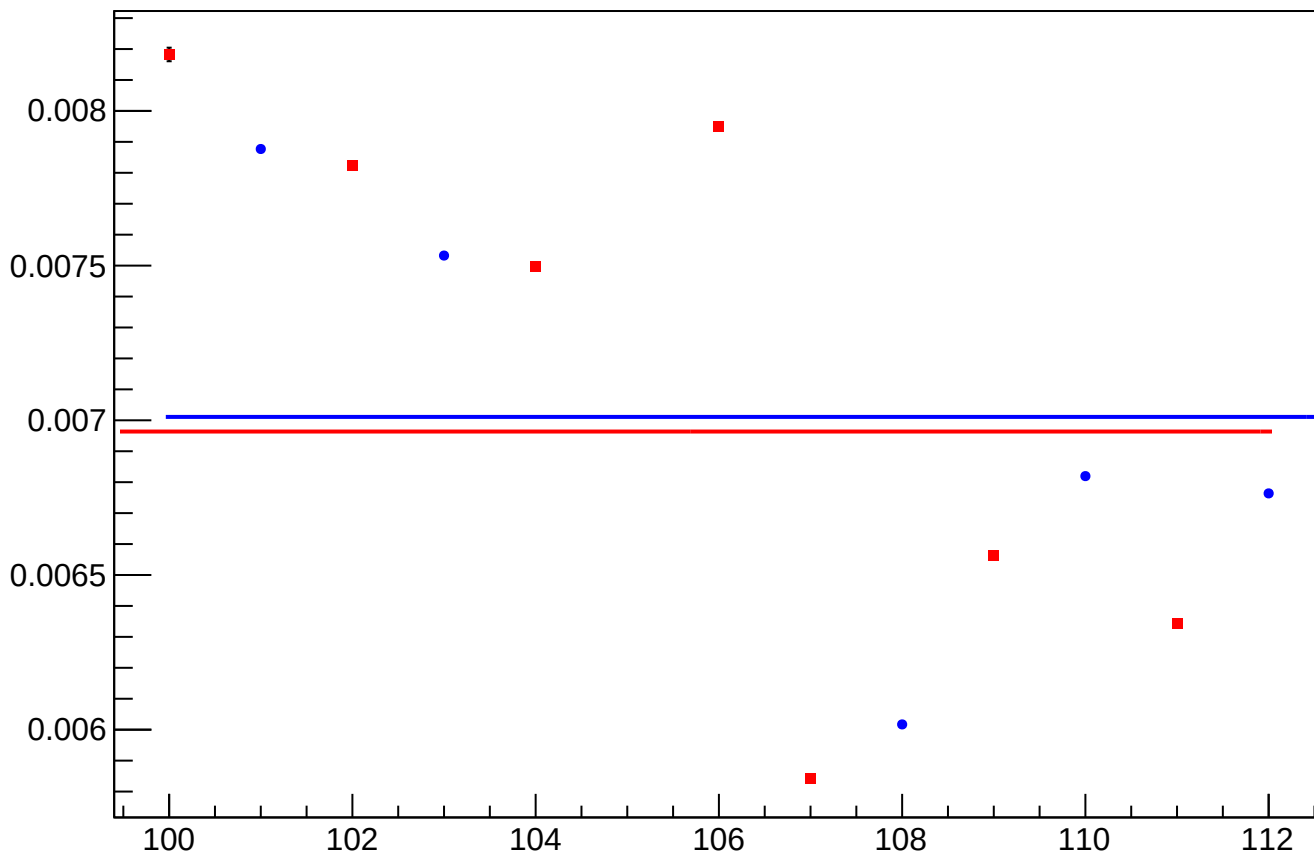
Right Out: 2.026+/-0.000 χ^2/NDF : 10990489746.6/6

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.108+/-0.000 χ^2/NDF : 19316377302.2/11

yield_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 42955.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 61674.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

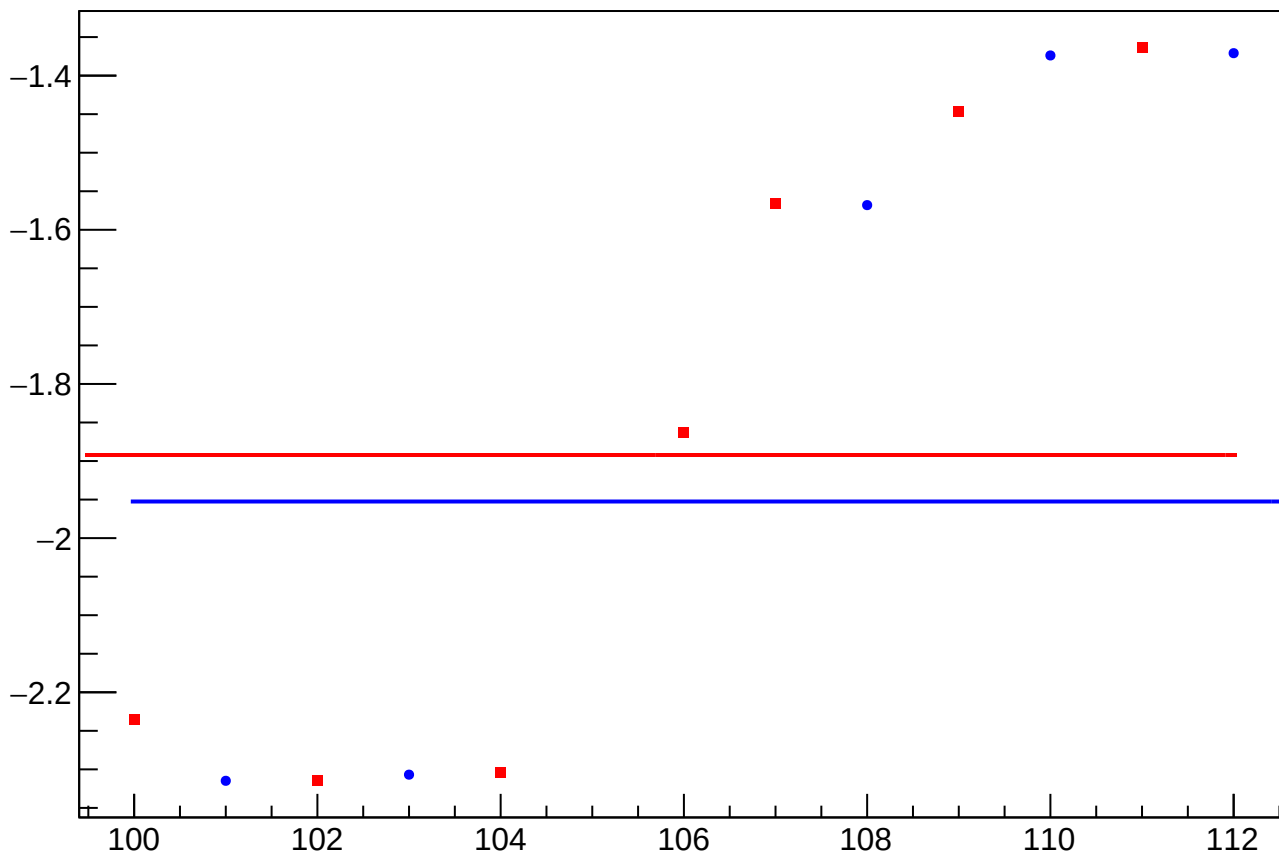
Right: 0.007+/-0.000 χ^2/NDF : 104744.1/11

In: 0.007+/-0.000 χ^2/NDF : 42955.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 104744.1/11

yield_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -1.952+/-0.000 χ^2/NDF : 65576502475.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.892+/-0.000 χ^2/NDF : 73913463285.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

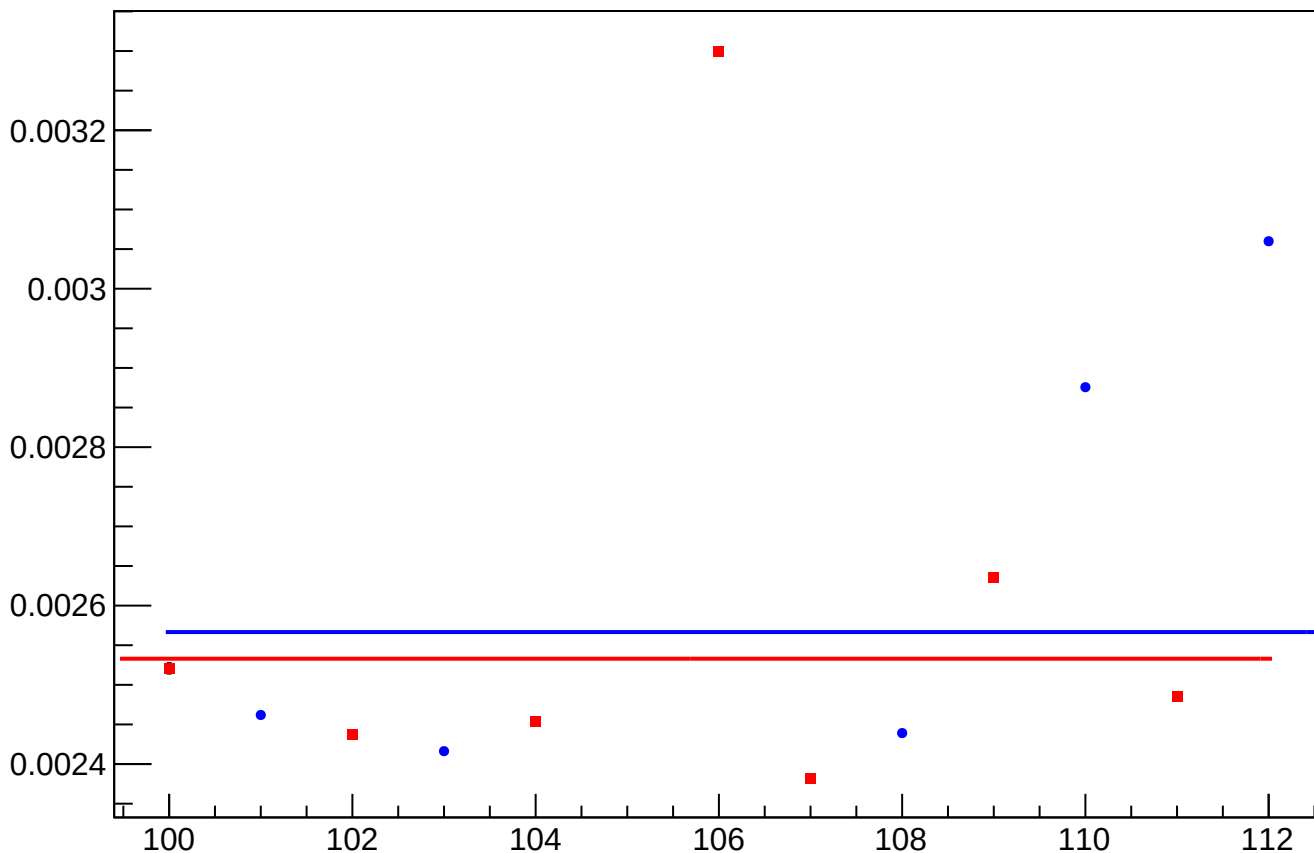
Right: -1.920+/-0.000 χ^2/NDF : 140194051085.3/11

In: -1.952+/-0.000 χ^2/NDF : 65576502475.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.920+/-0.000 χ^2/NDF : 140194051085.3

yield_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 39172.6/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 36709.8/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

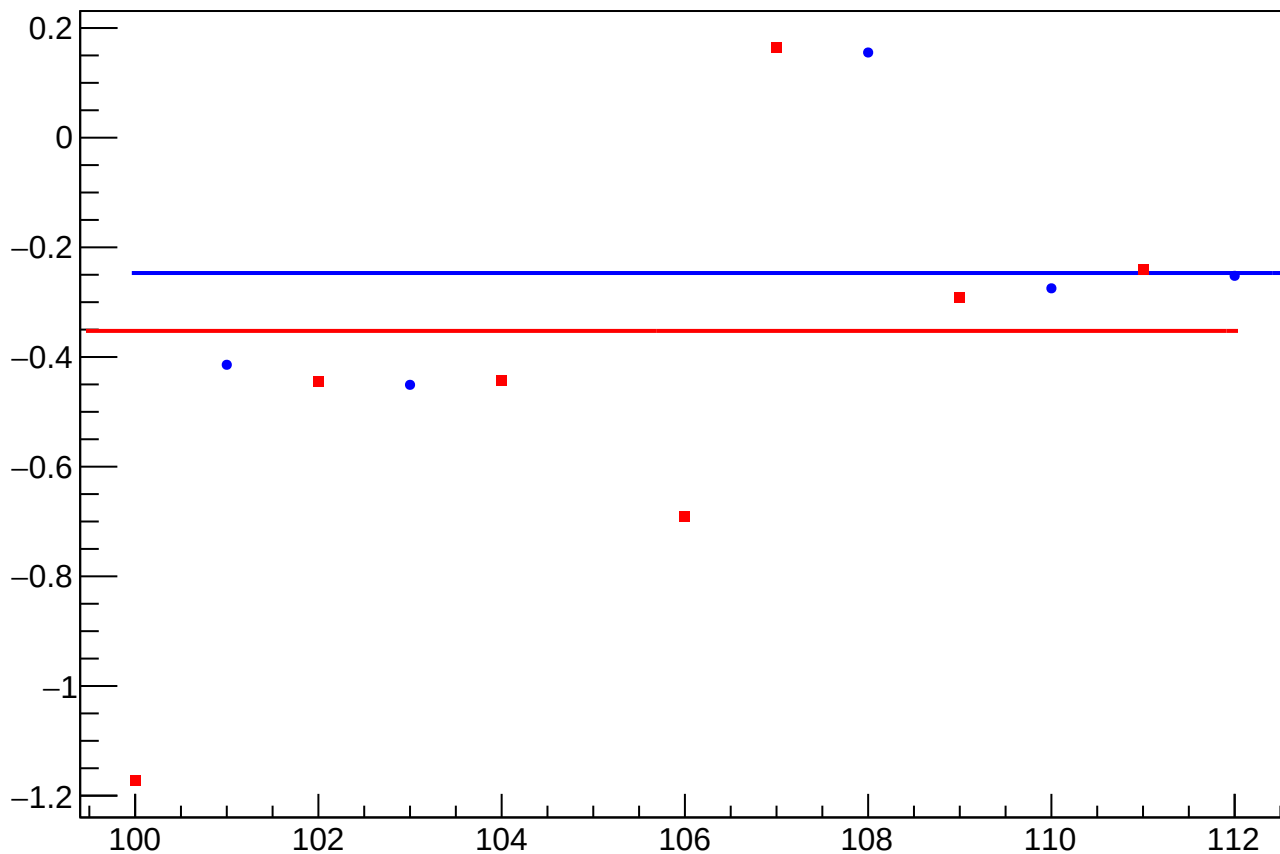
Right: 0.003+/-0.000 χ^2/NDF : 76319.4/11

In: 0.003+/-0.000 χ^2/NDF :39172.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 76319.4/11

yield_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -0.247+/-0.000 χ^2/NDF : 852128067.3/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.352+/-0.000 χ^2/NDF : 1394733885.6/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

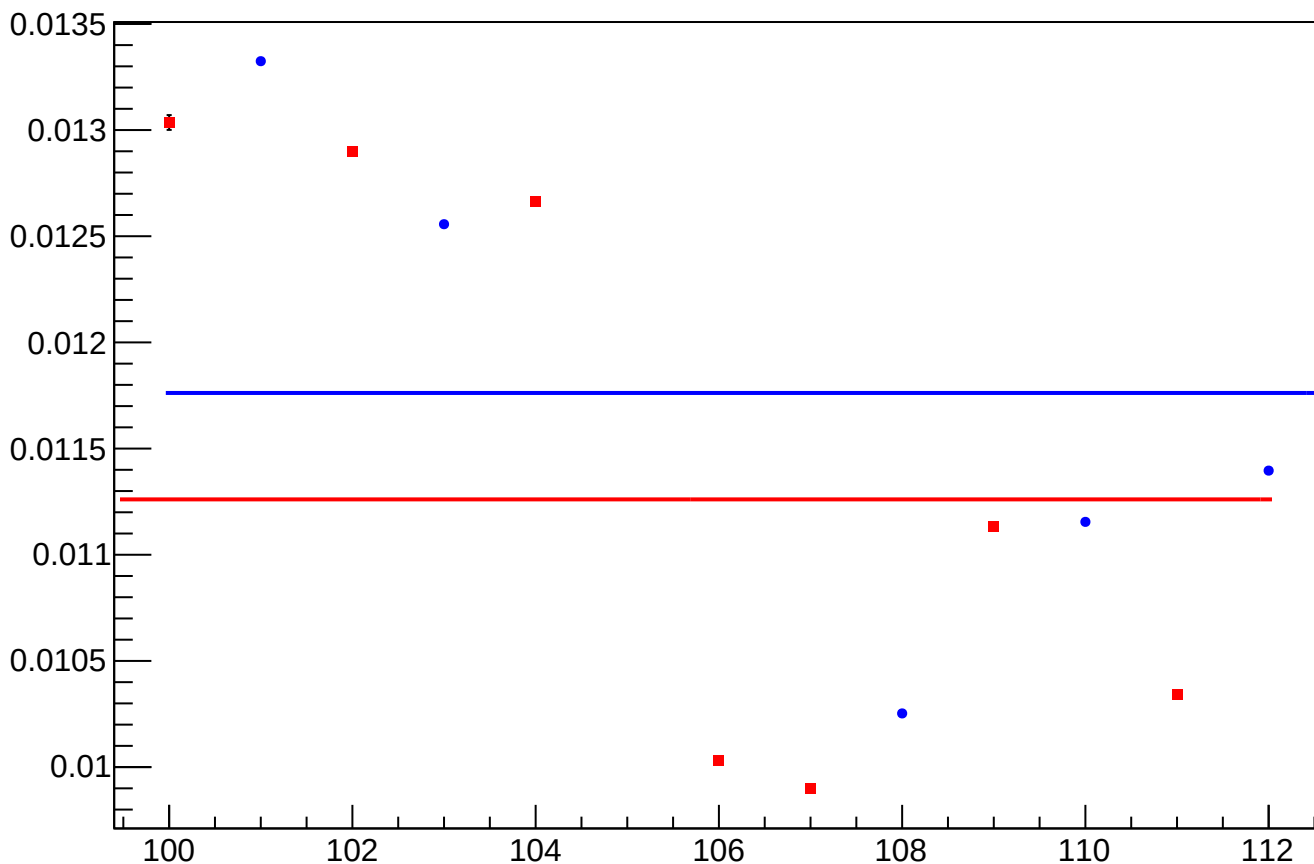
Right: -0.304+/-0.000 χ^2/NDF : 2354010925.2/11

In: -0.247+/-0.000 χ^2/NDF :852128067.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.304+/-0.000 χ^2/NDF : 2354010925.2/11

yield_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 42120.1/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 60667.9/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

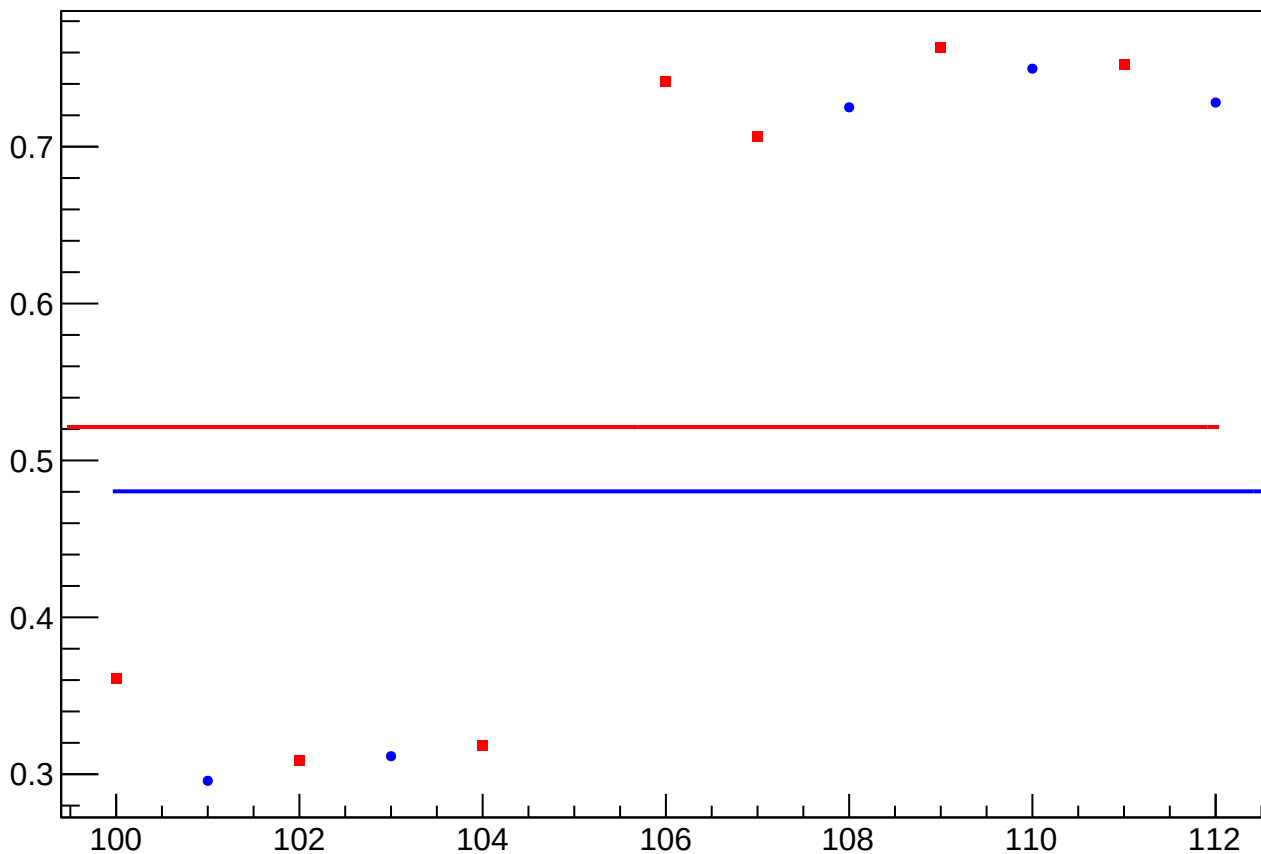
Right: 0.011+/-0.000 χ^2/NDF : 107616.5/11

In: 0.012+/-0.000 χ^2/NDF :42120.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 107616.5/11

yield_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: 0.480+/-0.000 χ^2/NDF : 16216365187.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.521+/-0.000 χ^2/NDF : 18535860328.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

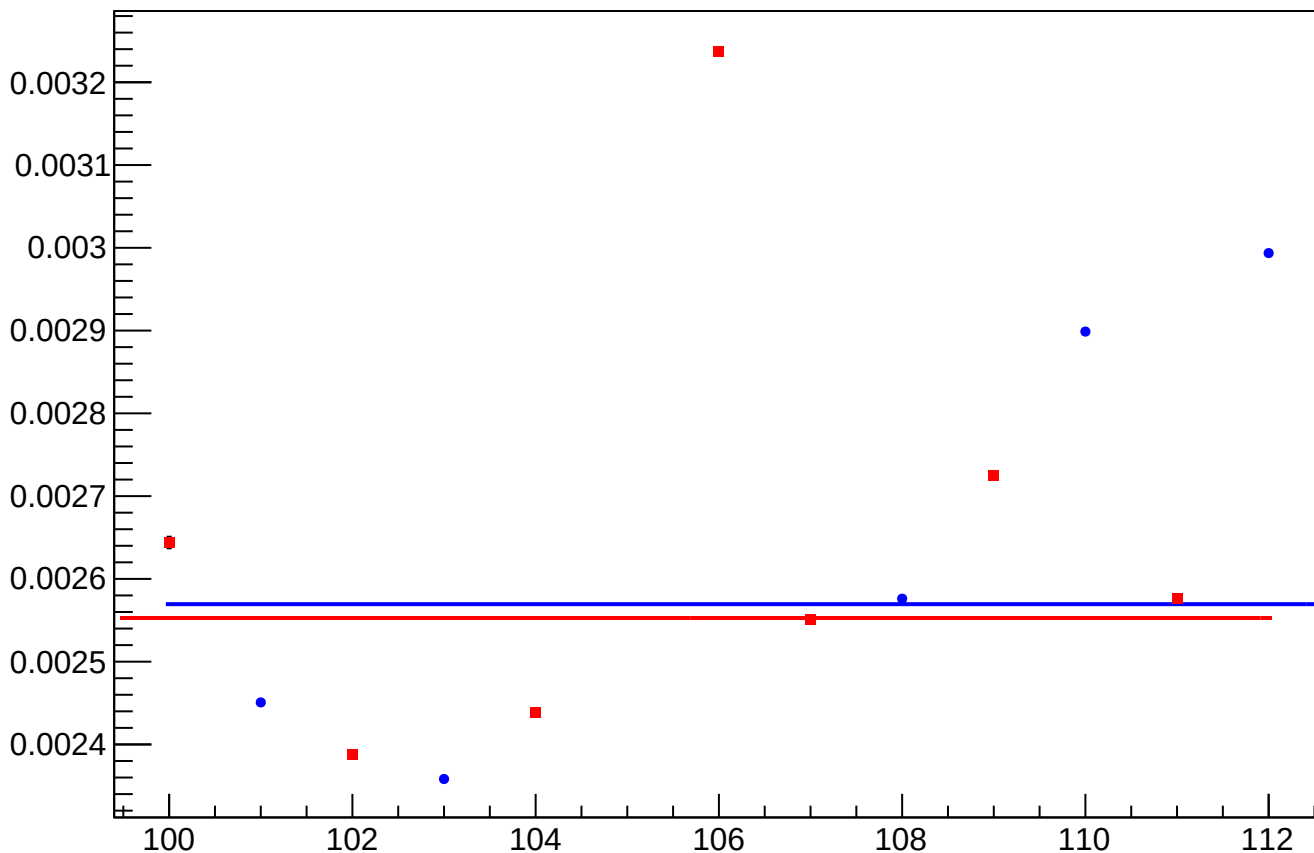
Right: 0.502+/-0.000 χ^2/NDF : 35071627331.6/11

In: 0.480+/-0.000 χ^2/NDF : 16216365187.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.502+/-0.000 χ^2/NDF : 35071627331.6/11

yield_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 39552.1/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 31828.0/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

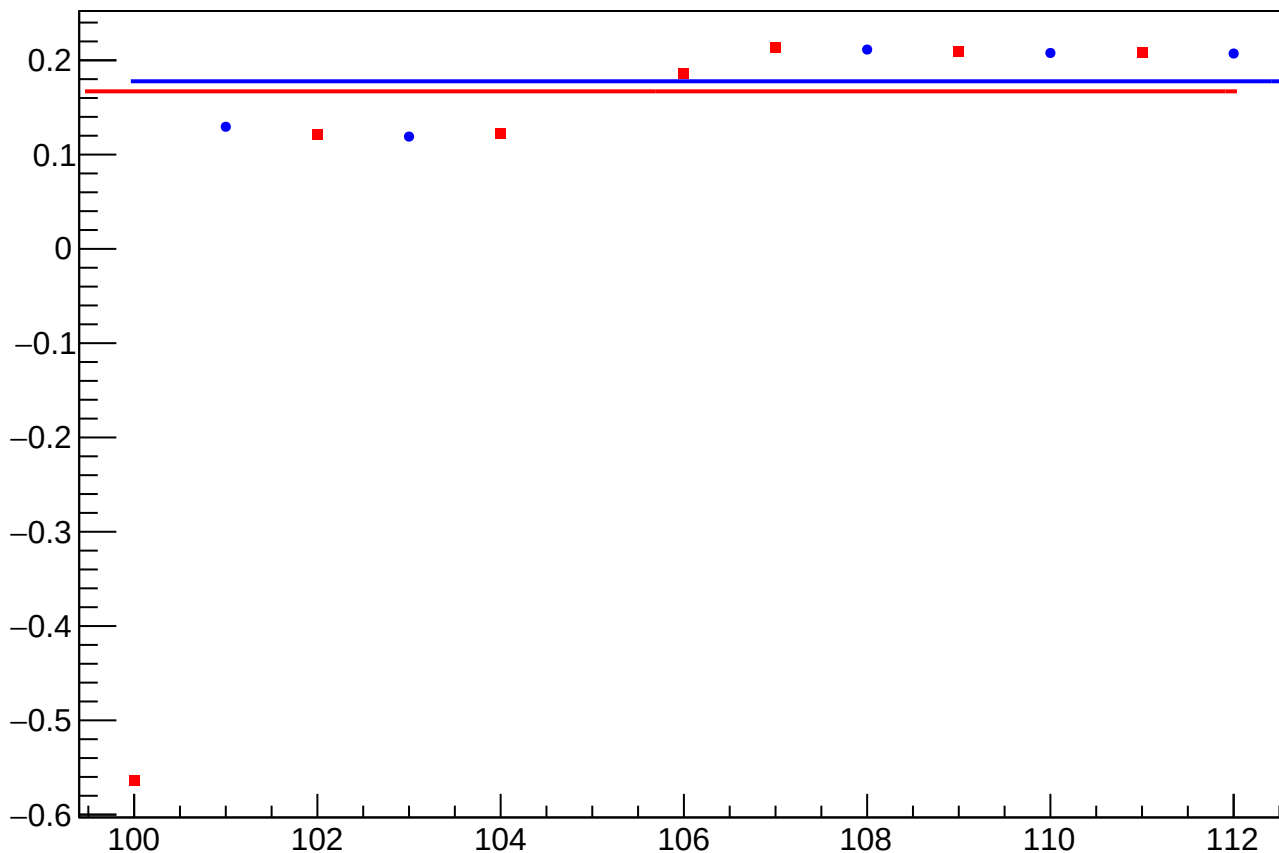
Right: 0.003+/-0.000 χ^2/NDF : 71486.1/11

In: 0.003+/-0.000 χ^2/NDF :39552.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 71486.1/11

yield_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 0.178+/-0.000 χ^2/NDF : 38073096.5/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.167+/-0.000 χ^2/NDF : 315200199.6/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

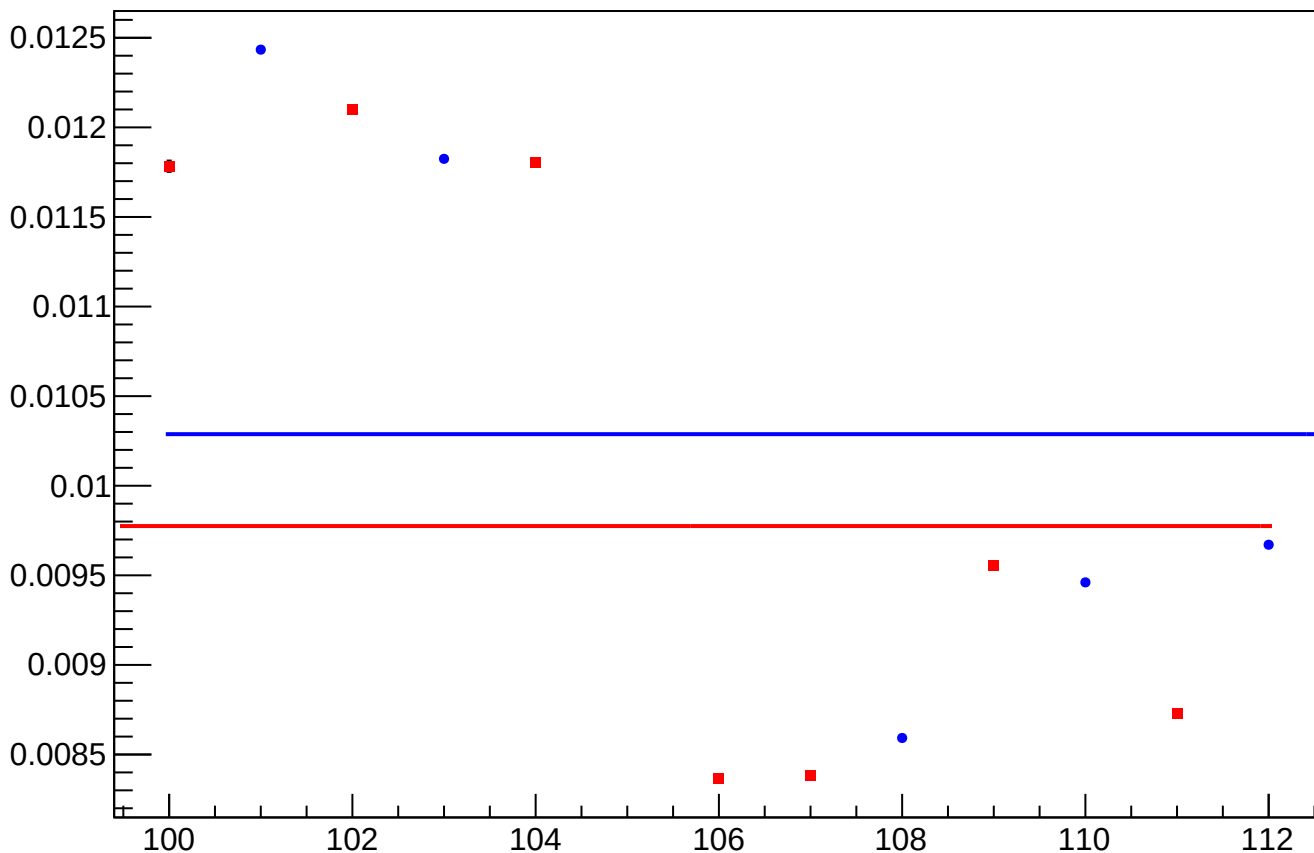
Right: 0.172+/-0.000 χ^2/NDF : 354693089.8/11

In: 0.178+/-0.000 χ^2/NDF :38073096.5/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.172+/-0.000 χ^2/NDF : 354693089.8/11

yield_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 97228.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 124056.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

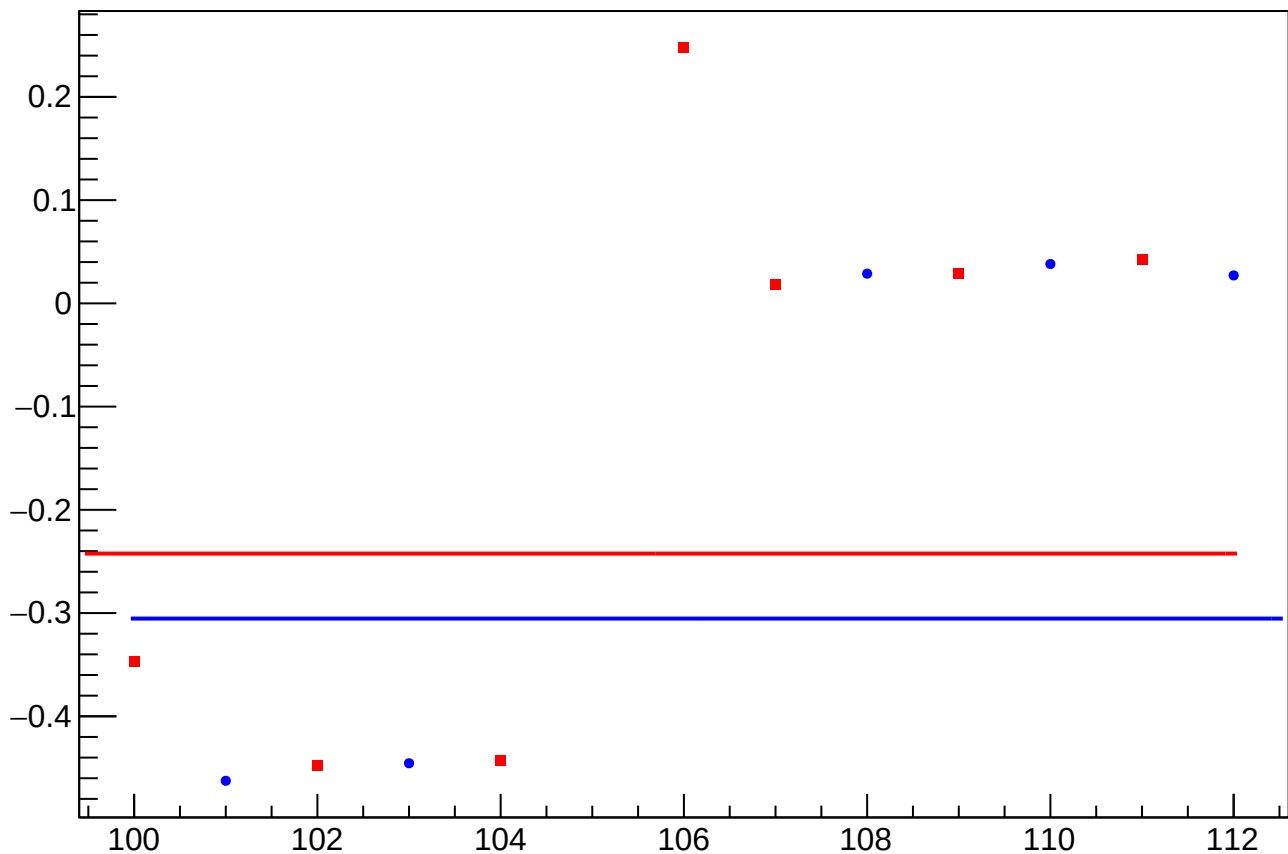
Right: 0.010+/-0.000 χ^2/NDF : 227842.7/11

In: 0.010+/-0.000 χ^2/NDF : 97228.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 227842.7/11

yield_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -0.305+/-0.000 χ^2/NDF : 6908740868.4/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.242+/-0.000 χ^2/NDF : 9517835619.0/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

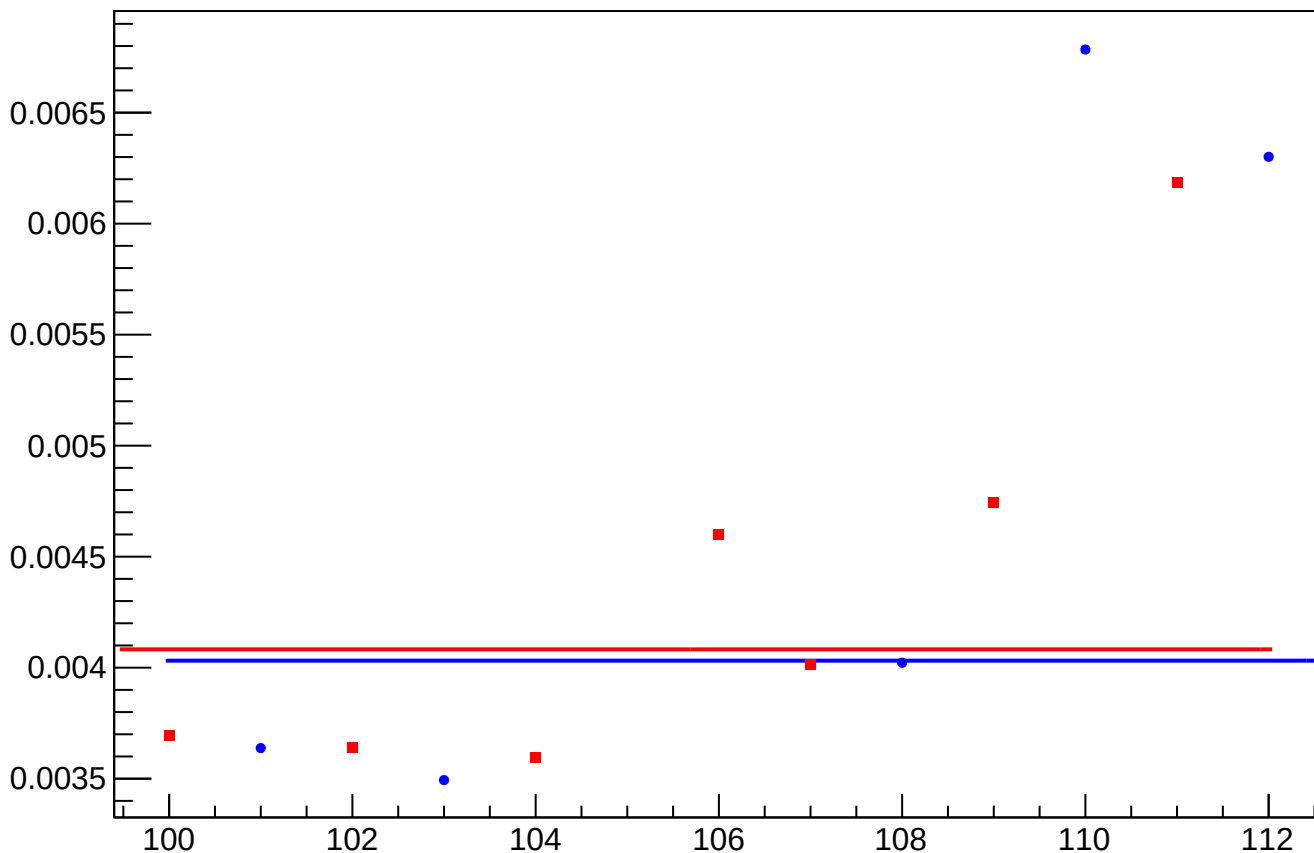
Right: -0.273+/-0.000 χ^2/NDF : 16711154669.8/11

In: -0.305+/-0.000 χ^2/NDF :6908740868.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.273+/-0.000 χ^2/NDF : 16711154669.8/11

yield_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 265815.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 157192.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

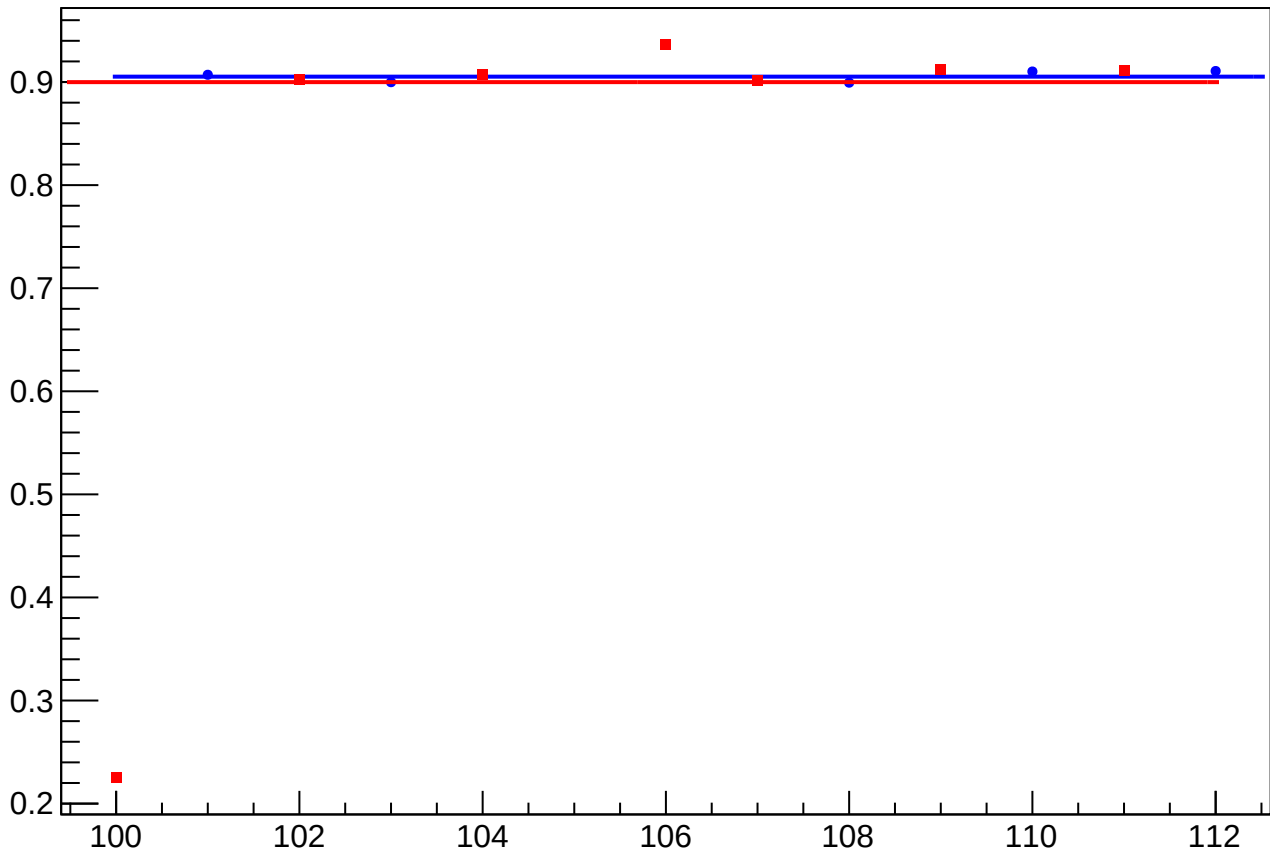
Right: 0.004+/-0.000 χ^2/NDF : 423382.0/11

In: 0.004+/-0.000 χ^2/NDF : 265815.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 423382.0/11

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.905+/-0.000 χ^2/NDF : 454023.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.900+/-0.000 χ^2/NDF : 216181838.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

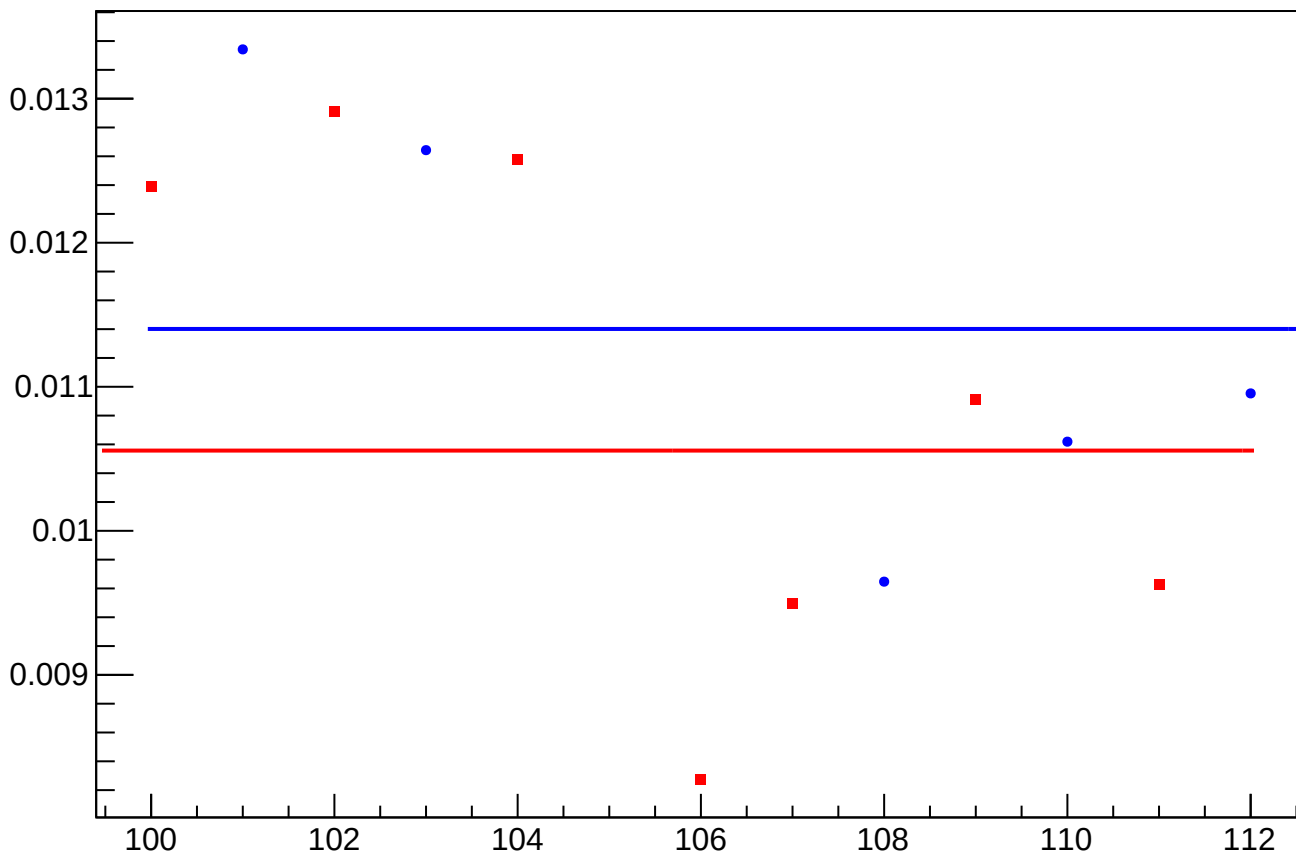
Right: 0.902+/-0.000 χ^2/NDF : 216928848.4/11

In: 0.905+/-0.000 χ^2/NDF : 454023.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.902+/-0.000 χ^2/NDF : 216928848.4/11

yield_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 68998.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 133247.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

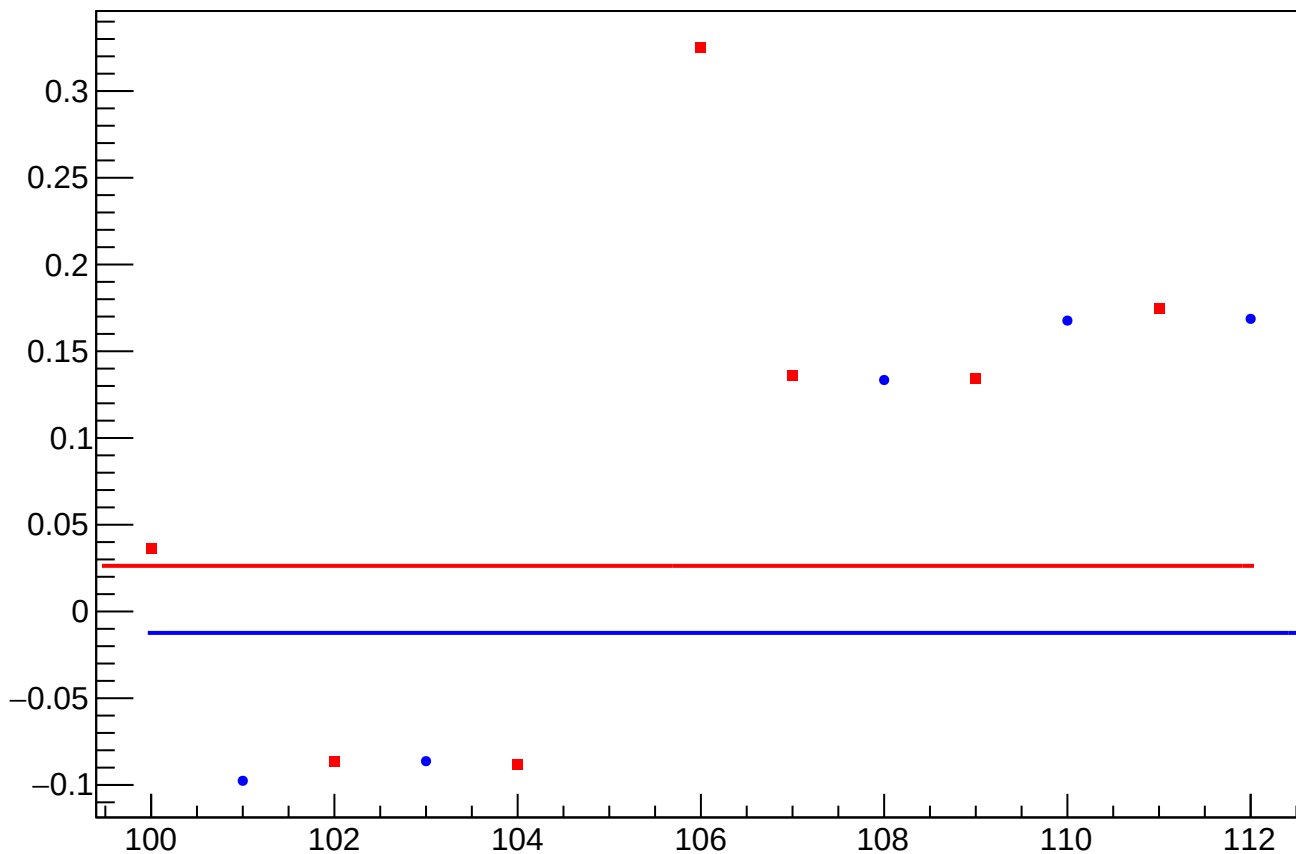
Right: 0.011+/-0.000 χ^2/NDF : 217035.9/11

In: 0.011+/-0.000 χ^2/NDF : 68998.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 217035.9/11

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -0.012+/-0.000 χ^2/NDF : 1507076038.8/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.026+/-0.000 χ^2/NDF : 2347958241.8/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

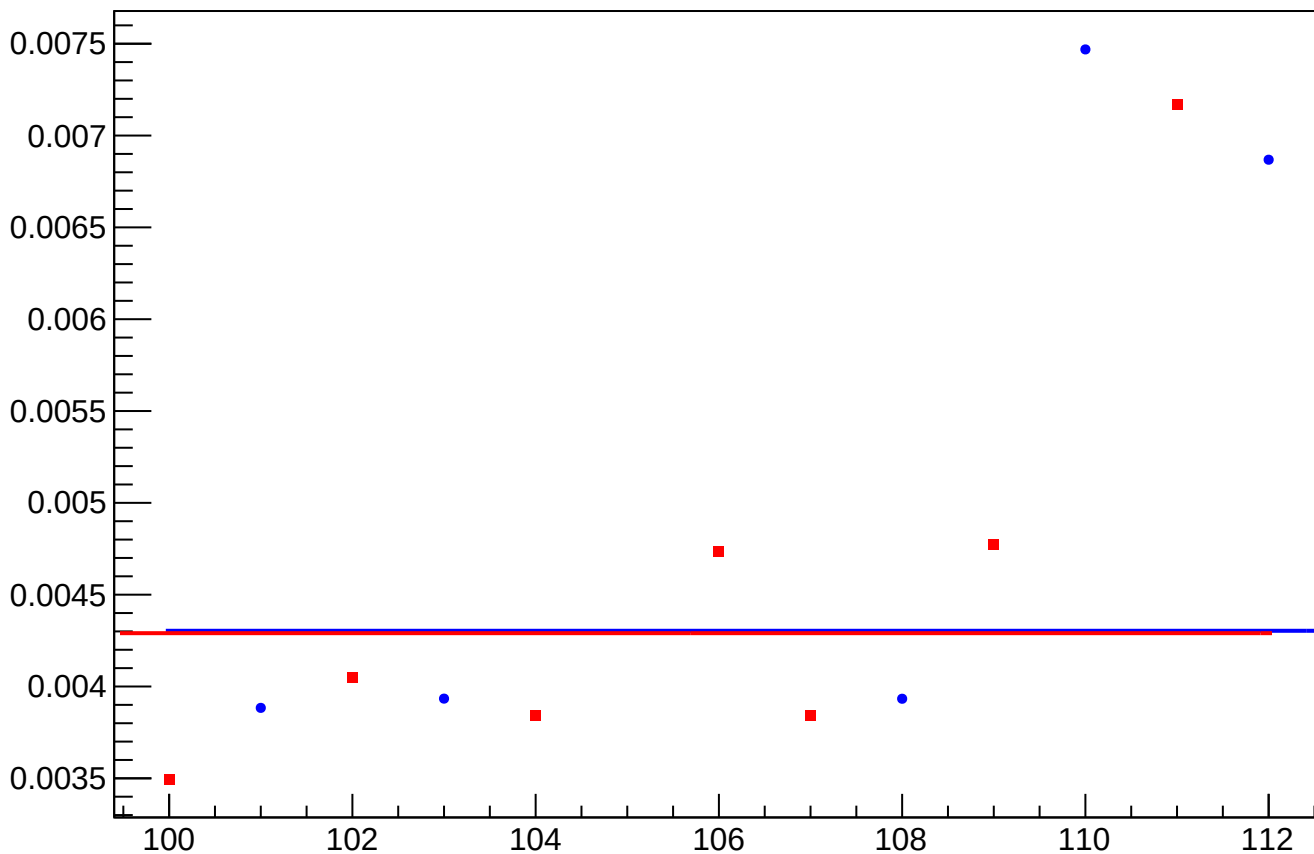
Right: 0.008+/-0.000 χ^2/NDF : 3947518831.1/11

In: -0.012+/-0.000 χ^2/NDF :1507076038.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.000 χ^2/NDF : 3947518831.1/11

yield_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 259399.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 167535.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

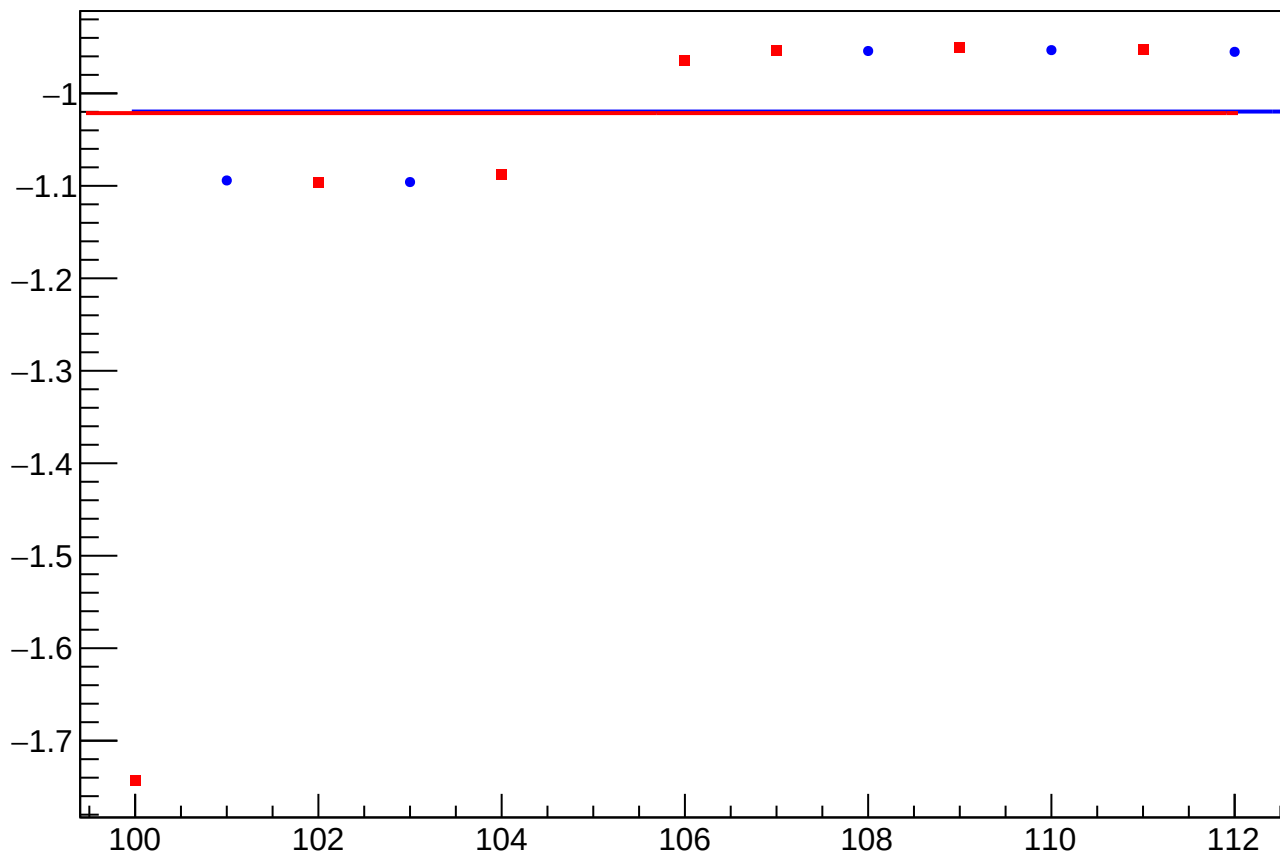
Right: 0.004+/-0.000 χ^2/NDF : 426955.9/11

In: 0.004+/-0.000 χ^2/NDF : 259399.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 426955.9/11

yield_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -1.020+/-0.000 χ^2/NDF : 85546736.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.021+/-0.000 χ^2/NDF : 374888031.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

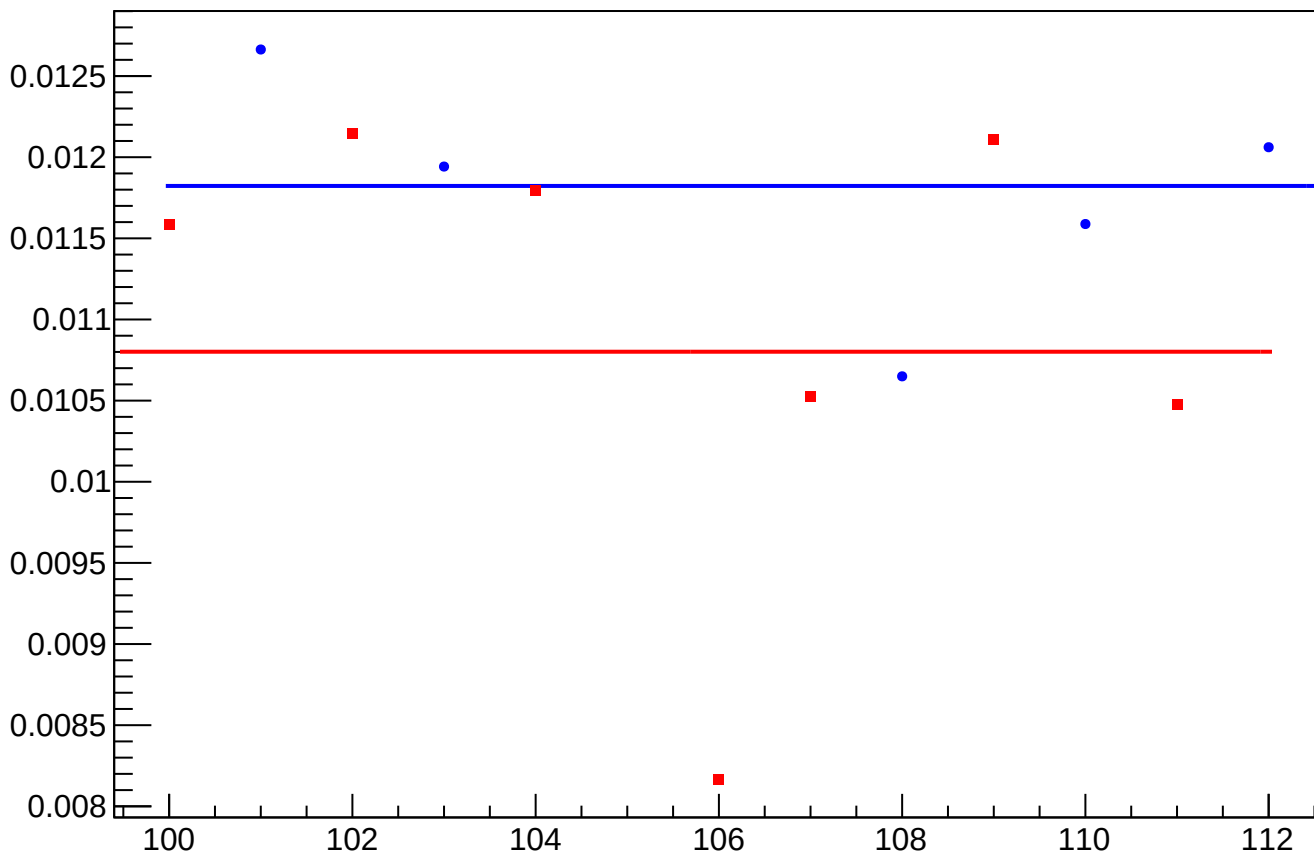
Right: -1.021+/-0.000 χ^2/NDF : 460462497.2/11

In: -1.020+/-0.000 χ^2/NDF : 85546736.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.021+/-0.000 χ^2/NDF : 460462497.2/11

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 15608.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 101357.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

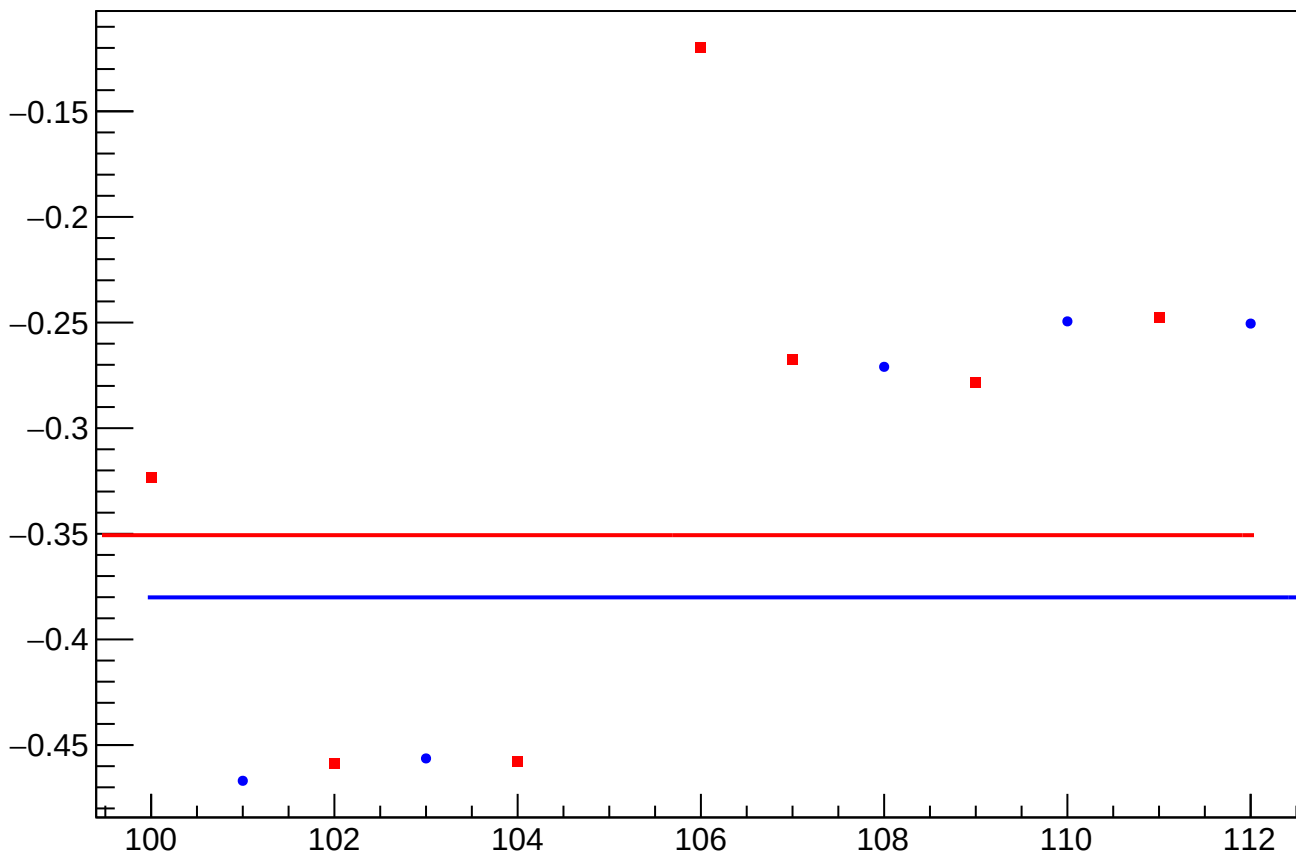
Right: 0.011 $\pm$ 0.000 χ^2 /NDF: 137473.0/11

In: 0.012 $\pm$ 0.000 χ^2 /NDF:15608.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.000 χ^2 /NDF: 137473.0/11

yield_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -0.380+/-0.000 χ^2/NDF : 1472860200.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.351+/-0.000 χ^2/NDF : 1949827471.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

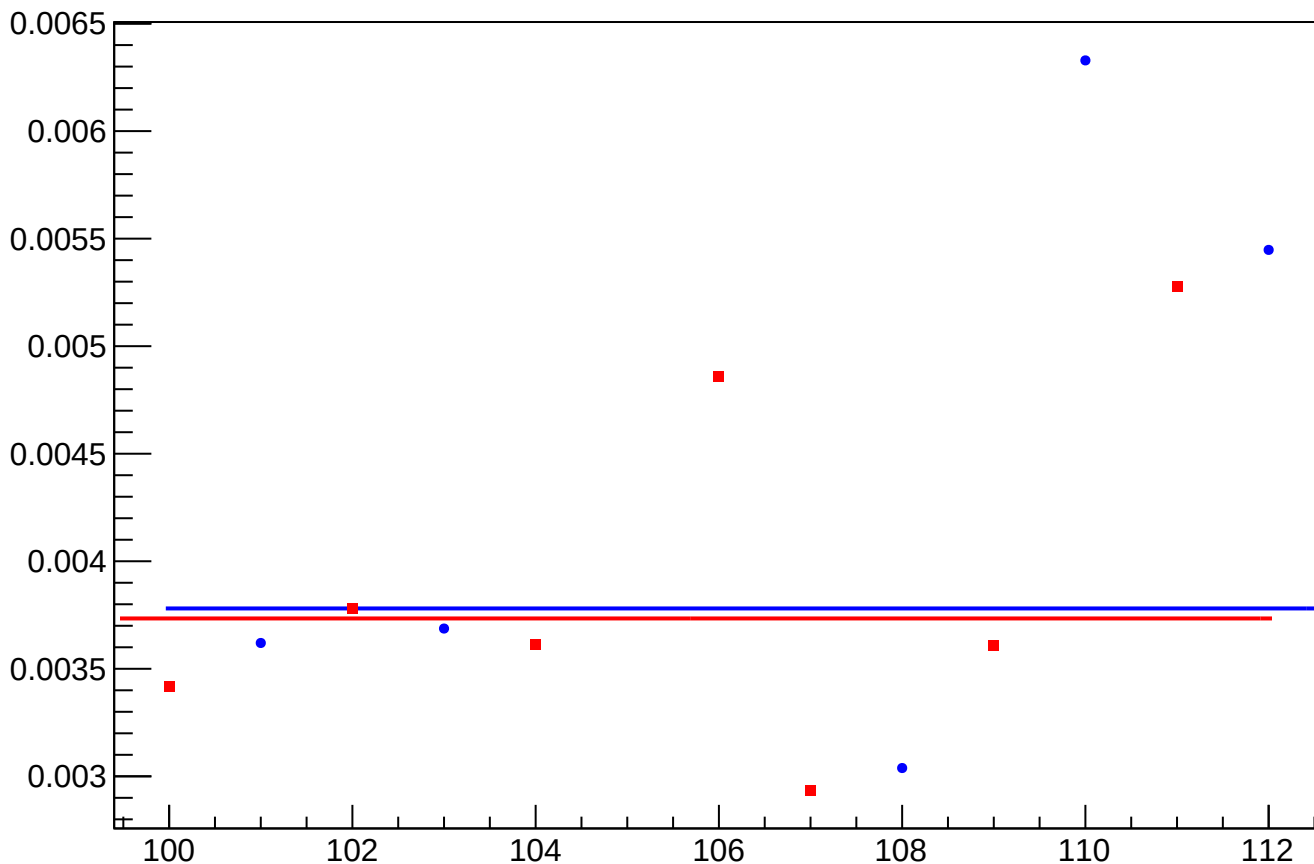
Right: -0.364+/-0.000 χ^2/NDF : 3493393226.5/11

In: -0.380+/-0.000 χ^2/NDF : 1472860200.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.364+/-0.000 χ^2/NDF : 3493393226.5/11

yield_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 227263.4/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 127650.3/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

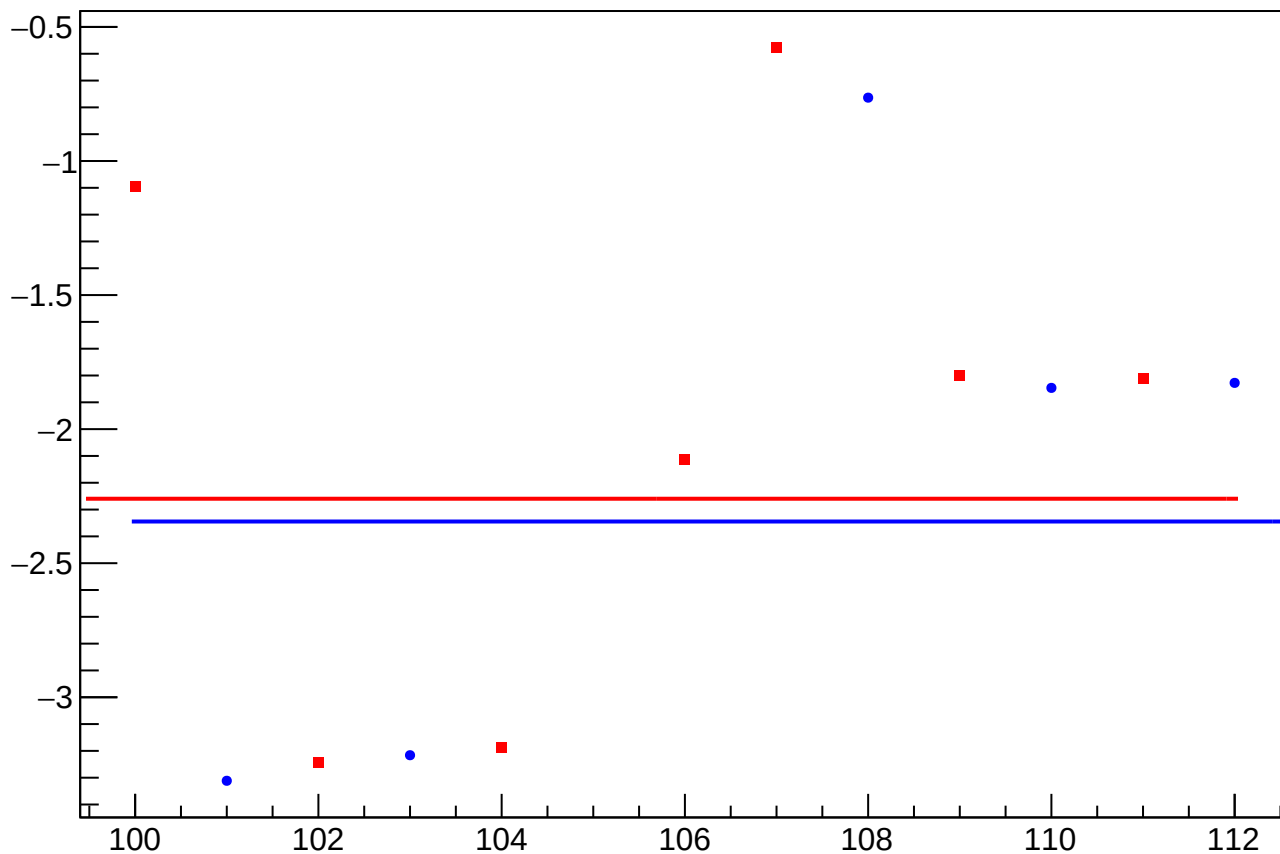
Right: 0.004+/-0.000 χ^2/NDF : 355266.7/11

In: 0.004+/-0.000 χ^2/NDF :227263.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 355266.7/11

yield_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -2.345+/-0.000 χ^2/NDF : 434601434.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.260+/-0.000 χ^2/NDF : 401331082.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

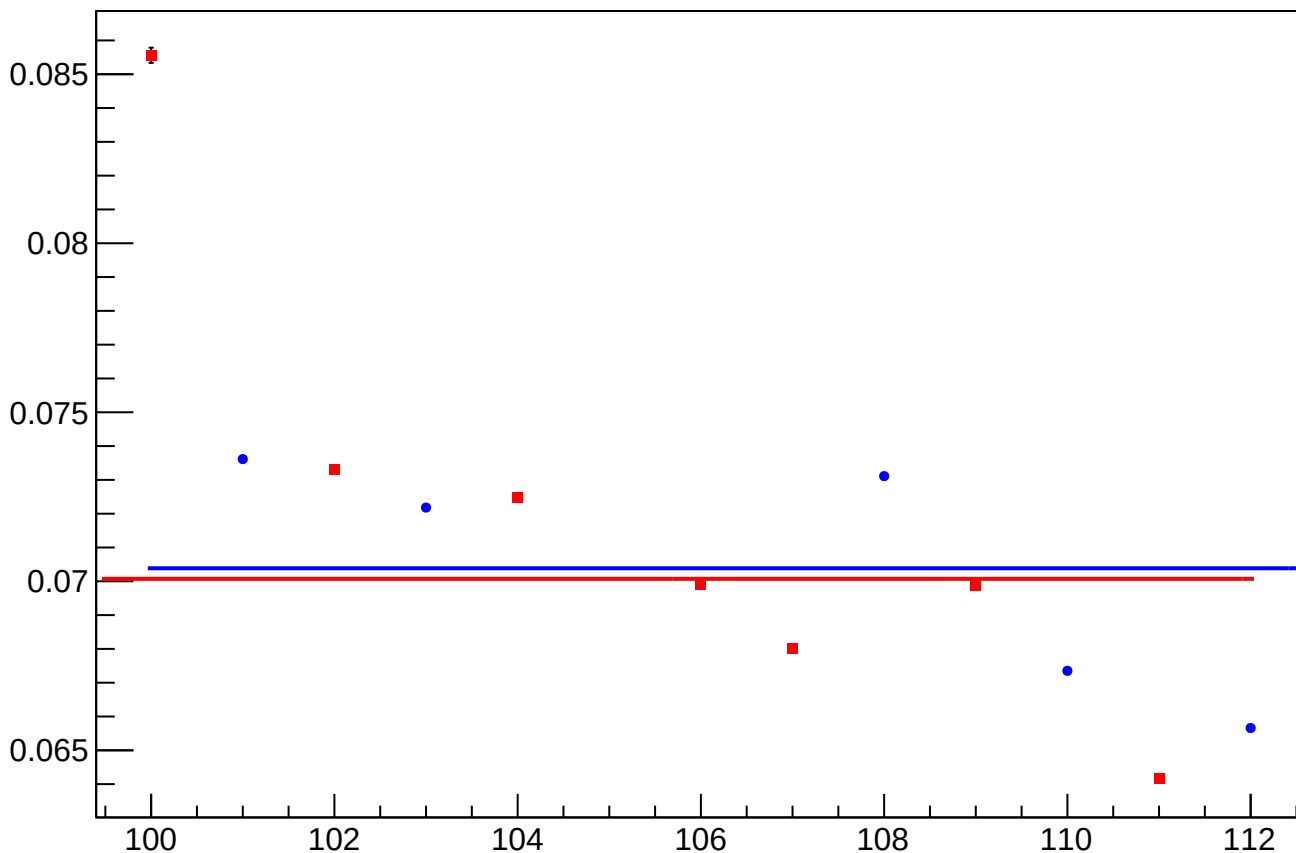
Right: -2.300+/-0.000 χ^2/NDF : 837848821.0/11

In: -2.345+/-0.000 χ^2/NDF : 434601434.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.300+/-0.000 χ^2/NDF : 837848821.0/11

yield_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 0.070+/-0.000 χ^2/NDF : 11007.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.070+/-0.000 χ^2/NDF : 16320.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

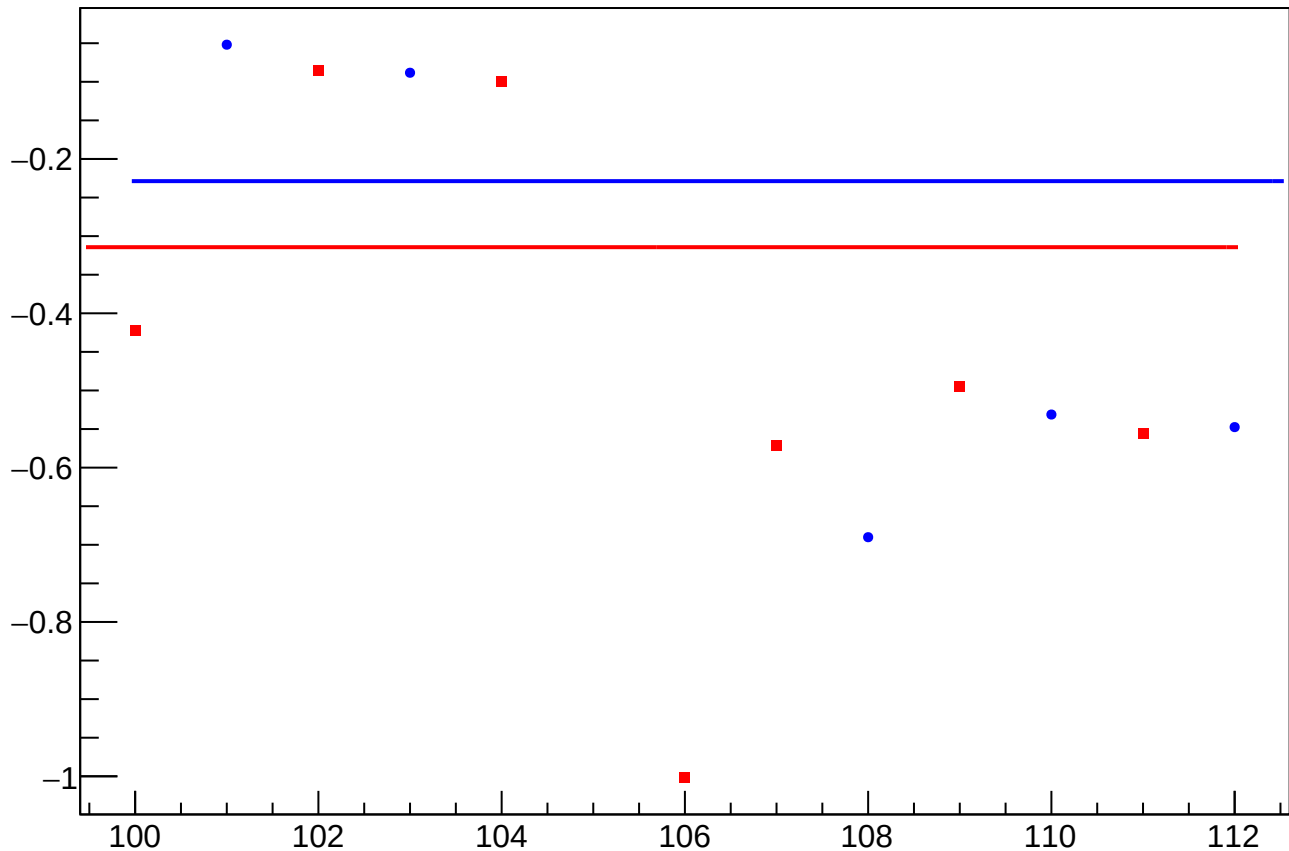
Right: 0.070+/-0.000 χ^2/NDF : 27379.7/11

In: 0.070+/-0.000 χ^2/NDF : 11007.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.070+/-0.000 χ^2/NDF : 27379.7/11

yield_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: -0.229+/-0.000 χ^2/NDF : 1310668647.2/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.314+/-0.000 χ^2/NDF : 2141179118.5/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

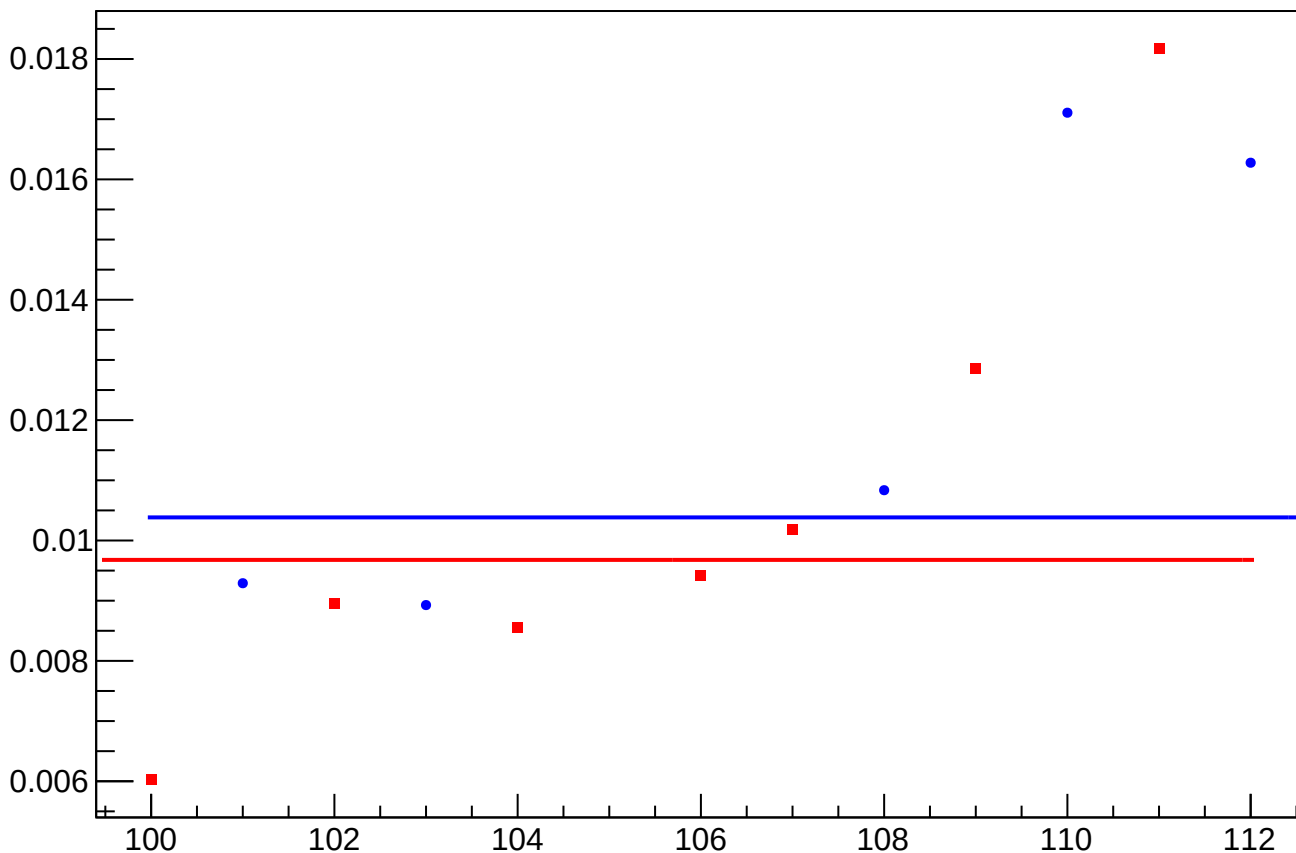
Right: -0.276+/-0.000 χ^2/NDF : 3534841865.9/11

In: -0.229+/-0.000 χ^2/NDF :1310668647.2/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.276+/-0.000 χ^2/NDF : 3534841865.9/11

yield_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 264149.3/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 314880.3/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

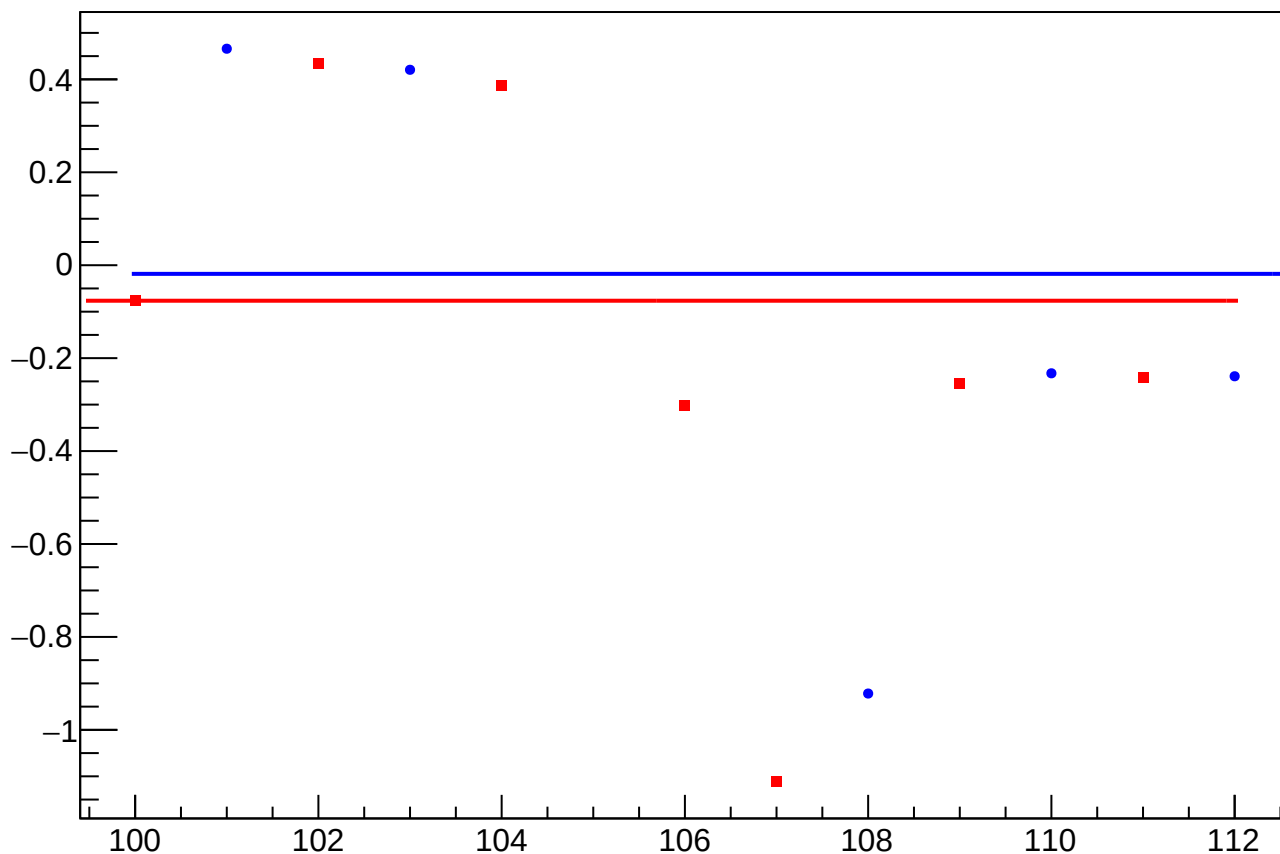
Right: 0.010+/-0.000 χ^2/NDF : 590325.1/11

In: 0.010+/-0.000 χ^2/NDF :264149.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.000 χ^2/NDF : 590325.1/11

yield_bpm0r05X_mean vs Slug, Sign Corrected



Right In: -0.019+/-0.000 χ^2/NDF : 80296477.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.076+/-0.000 χ^2/NDF : 76614655.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

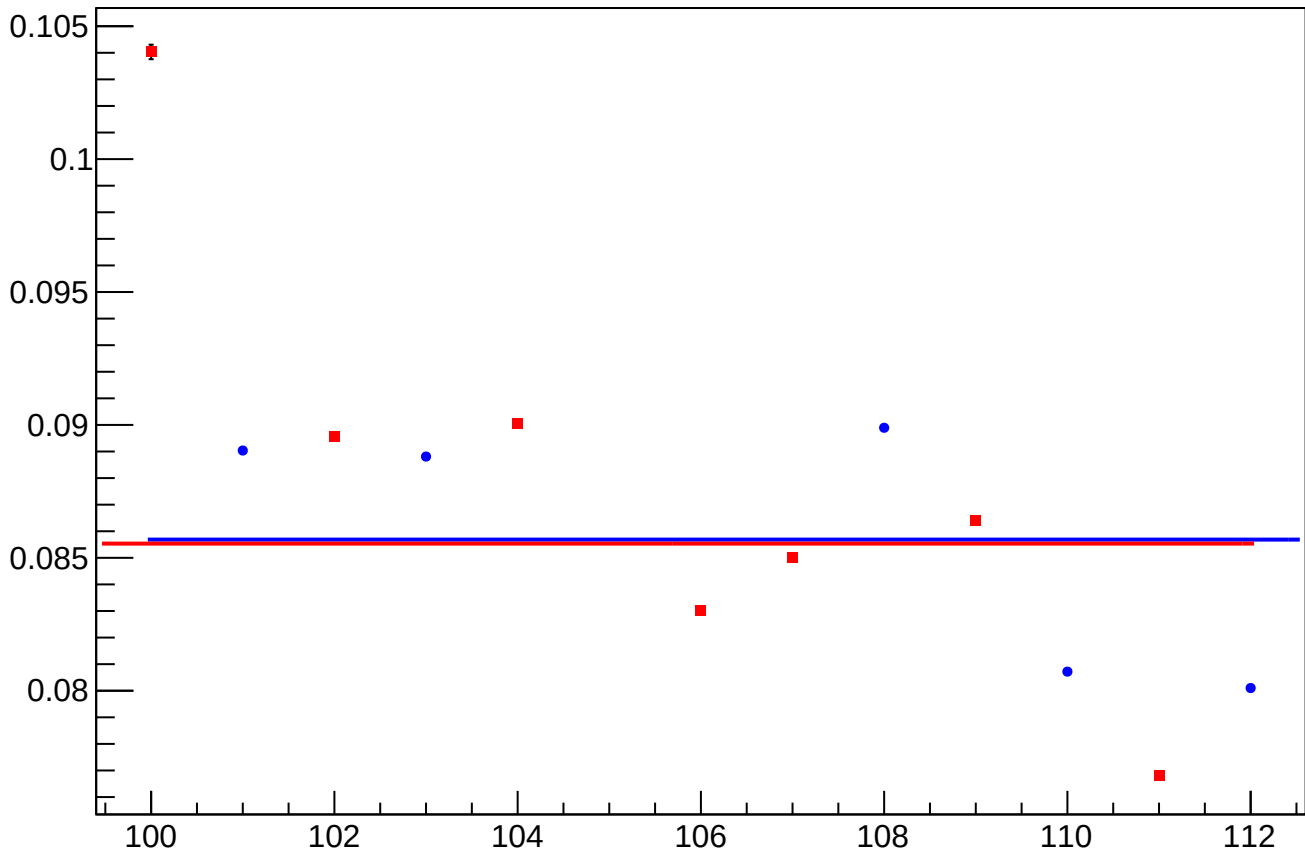
Right: -0.049+/-0.000 χ^2/NDF : 157512718.1/11

In: -0.019+/-0.000 χ^2/NDF : 80296477.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.049+/-0.000 χ^2/NDF : 157512718.1/11

yield_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 0.086+/-0.000 χ^2/NDF : 12761.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.086+/-0.000 χ^2/NDF : 22031.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

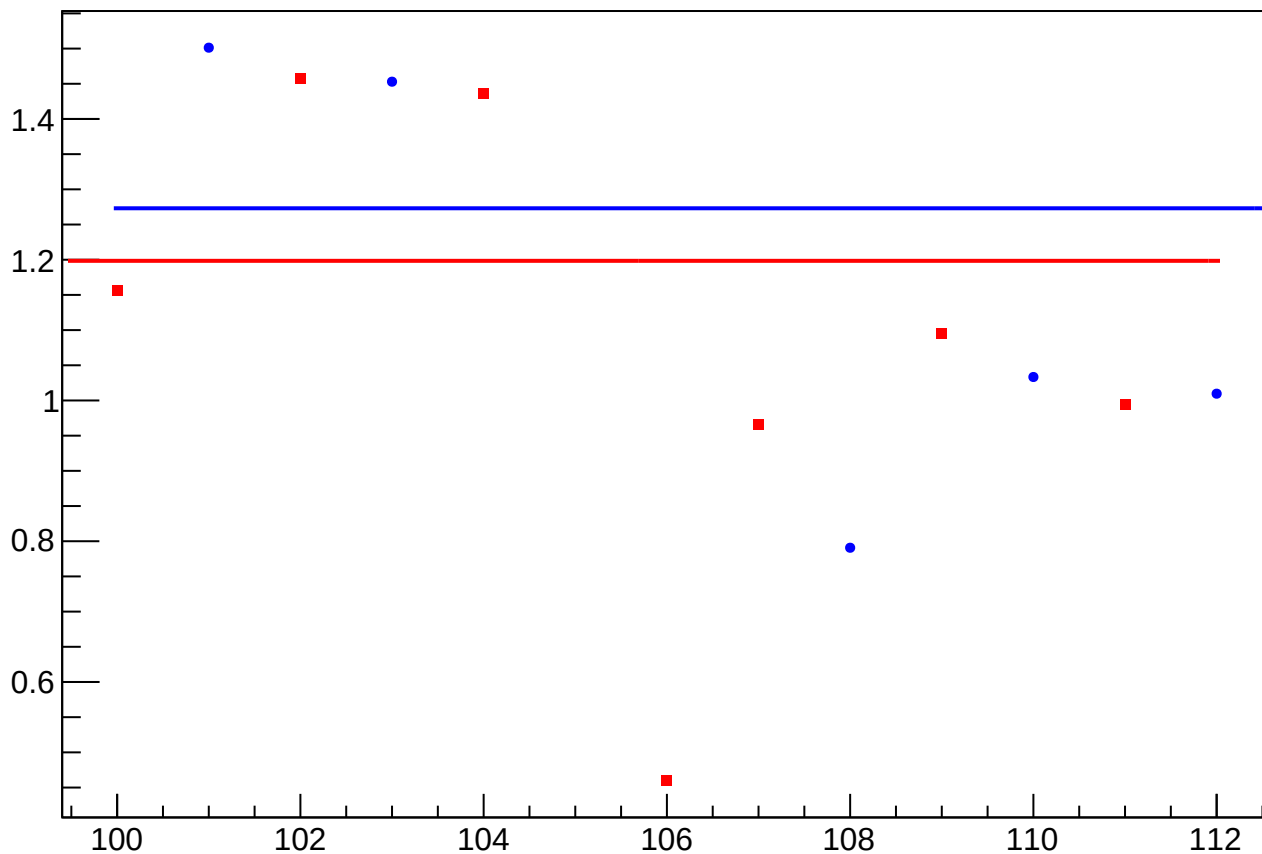
Right: 0.086+/-0.000 χ^2/NDF : 34800.7/11

In: 0.086+/-0.000 χ^2/NDF : 12761.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.086+/-0.000 χ^2/NDF : 34800.7/11

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.273+/-0.000 χ^2/NDF : 883658820.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.198+/-0.000 χ^2/NDF : 1253615961.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

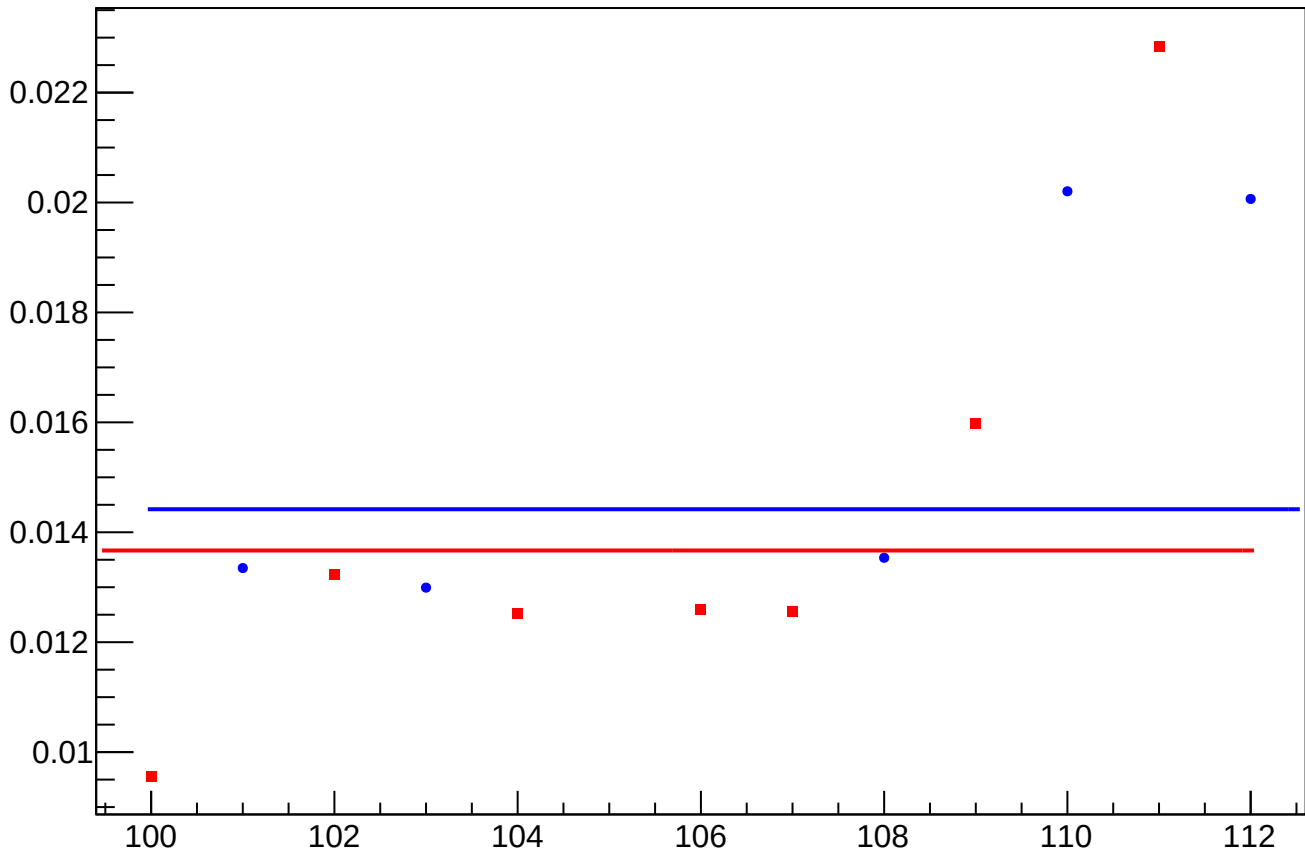
Right: 1.232+/-0.000 χ^2/NDF : 2170326529.5/11

In: 1.273+/-0.000 χ^2/NDF : 883658820.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.232+/-0.000 χ^2/NDF : 2170326529.5/11

yield_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 145489.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 189900.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

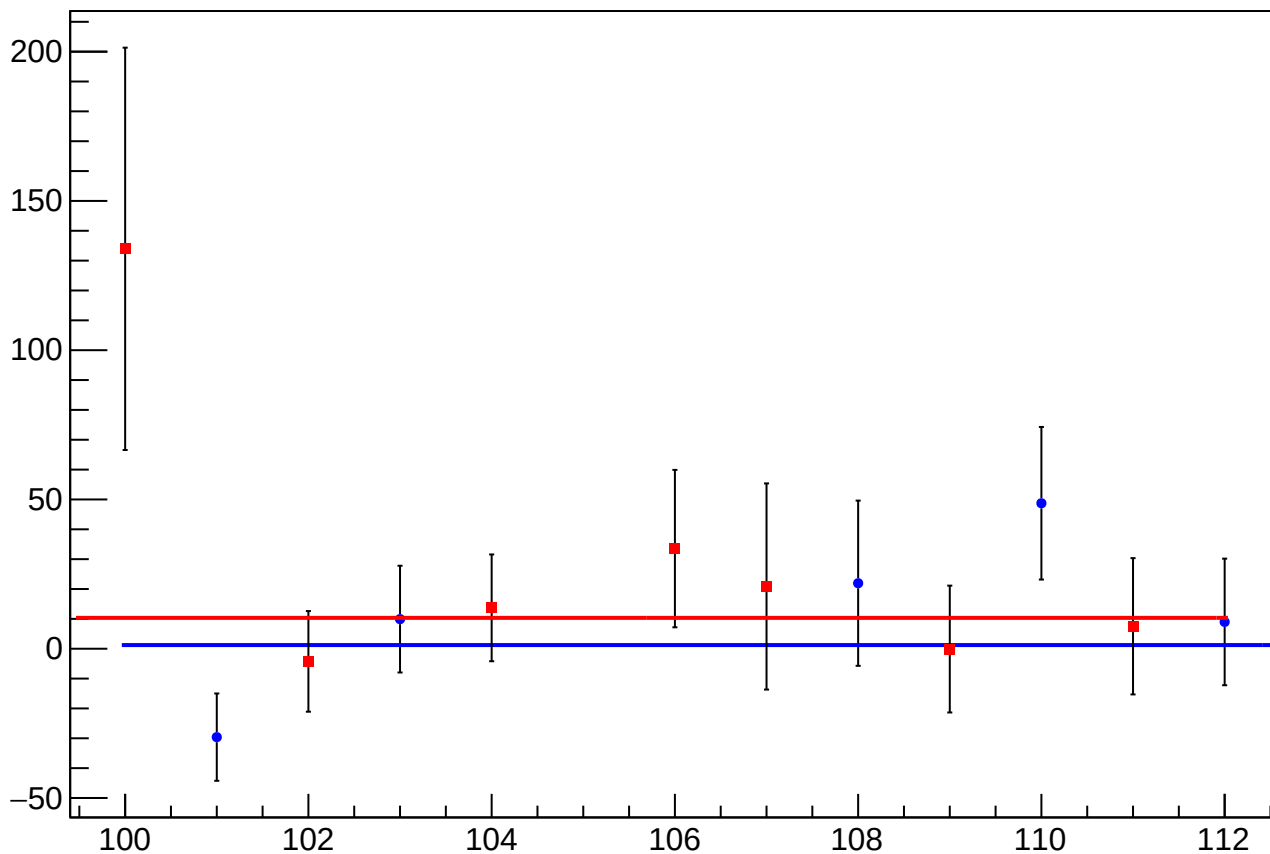
Right: 0.014+/-0.000 χ^2/NDF : 342067.5/11

In: 0.014+/-0.000 χ^2/NDF : 145489.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 342067.5/11

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: 1.223+/-8.816 χ^2/NDF : 8.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.341+/-8.678 χ^2/NDF : 5.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

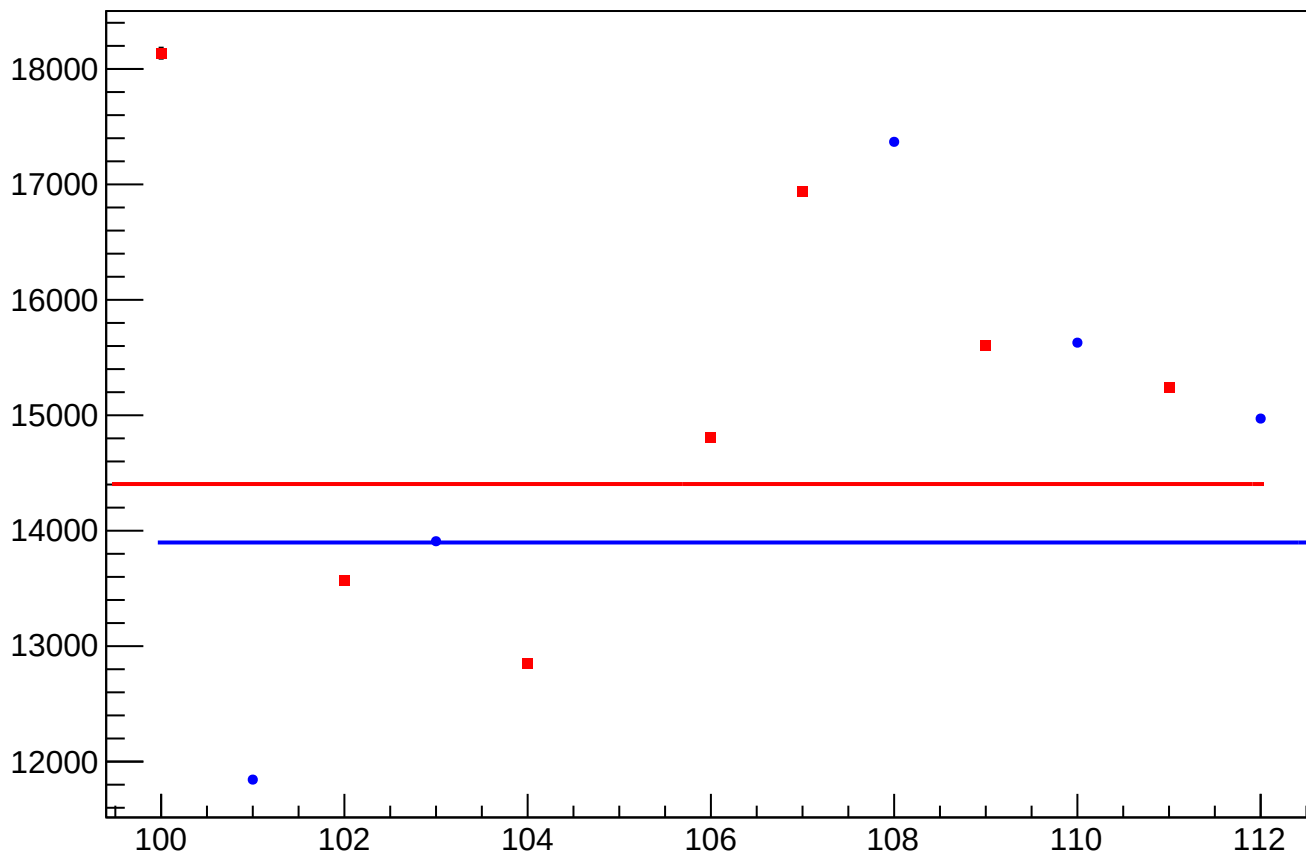
Right: 5.854+/-6.185 χ^2/NDF : 14.7/11

In: 1.223+/-8.816 χ^2/NDF : 8.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.854+/-6.185 χ^2/NDF : 14.7/11

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 13897.989 $\pm$ 6.234 χ^2/NDF : 85226.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 14404.474 $\pm$ 6.136 χ^2/NDF : 46552.9/6

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

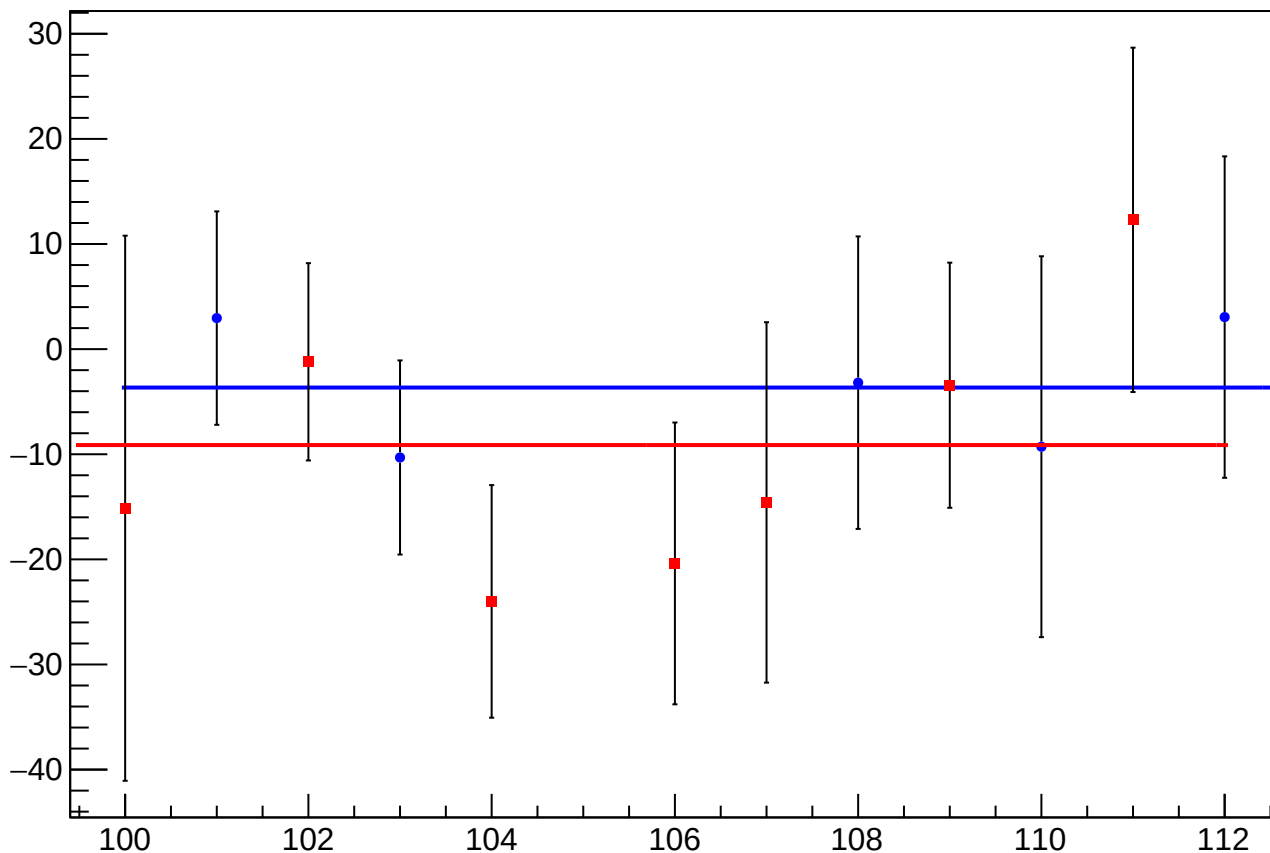
Right: 14155.238 $\pm$ 4.373 χ^2/NDF : 135132.0/11

In: 13897.989 $\pm$ 6.234 χ^2/NDF : 85226.6/4

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 14155.238 $\pm$ 4.373 χ^2/NDF : 135132.0/11

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -3.654+/-5.429 χ^2/NDF : 1.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.126+/-4.935 χ^2/NDF : 5.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

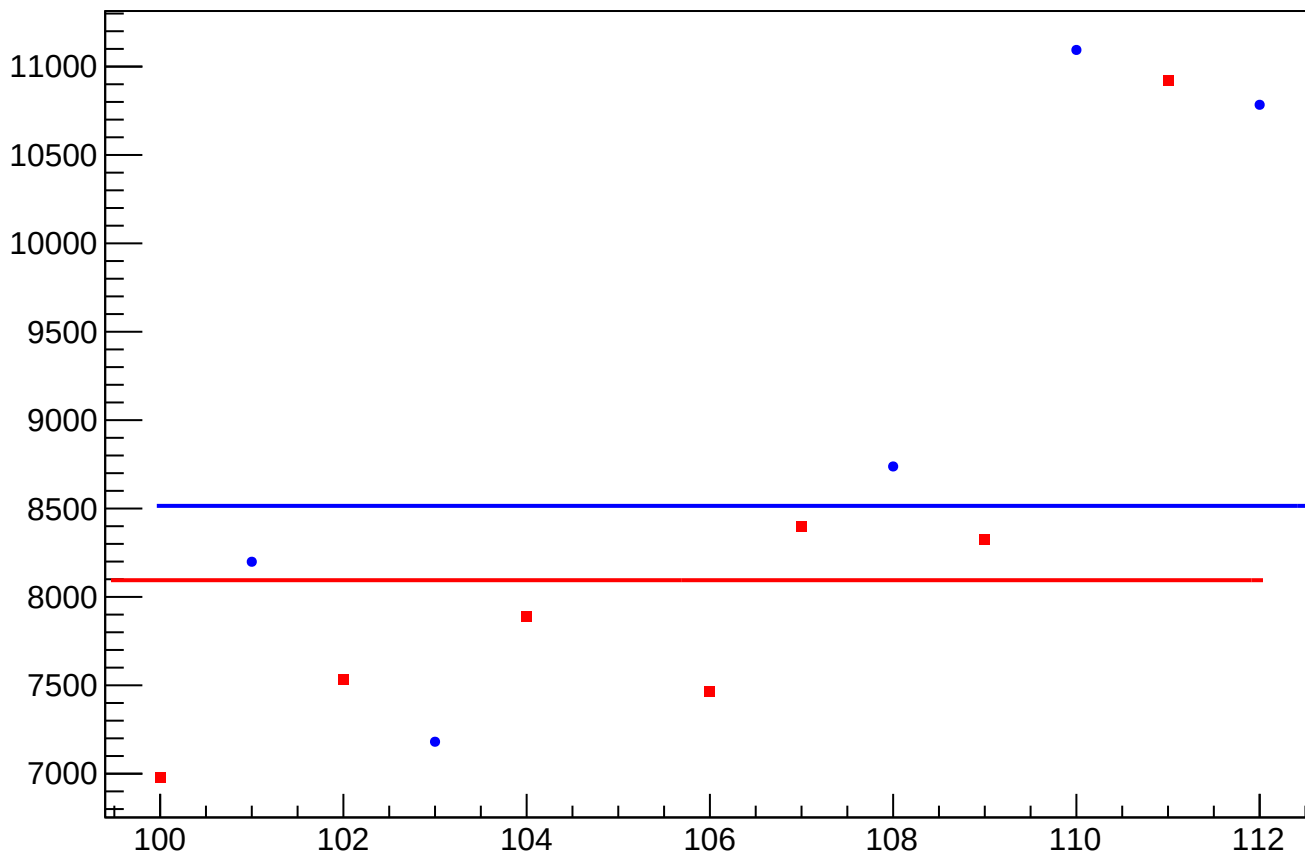
Right: -6.651+/-3.652 χ^2/NDF : 7.1/11

In: -3.654+/-5.429 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.651+/-3.652 χ^2/NDF : 7.1/11

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8515.043+/-3.839 χ^2/NDF : 128783.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8094.594+/-3.490 χ^2/NDF : 76890.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

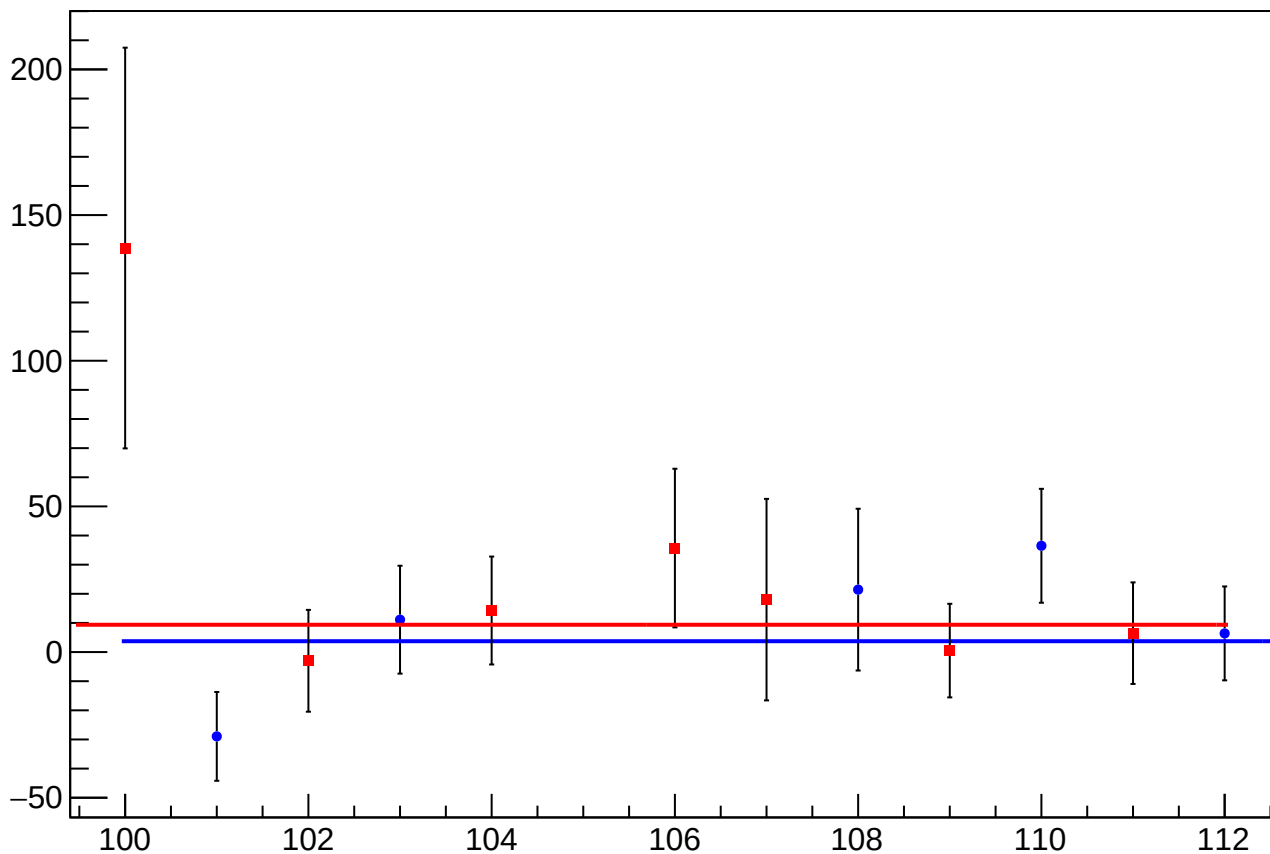
Right: 8284.801+/-2.582 χ^2/NDF : 212241.6/11

In: 8515.043+/-3.839 χ^2/NDF : 128783.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8284.801+/-2.582 χ^2/NDF : 212241.6/11

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: 3.728 $\pm$ 8.170 χ^2 /NDF: 8.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 9.371 $\pm$ 7.968 χ^2 /NDF: 5.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

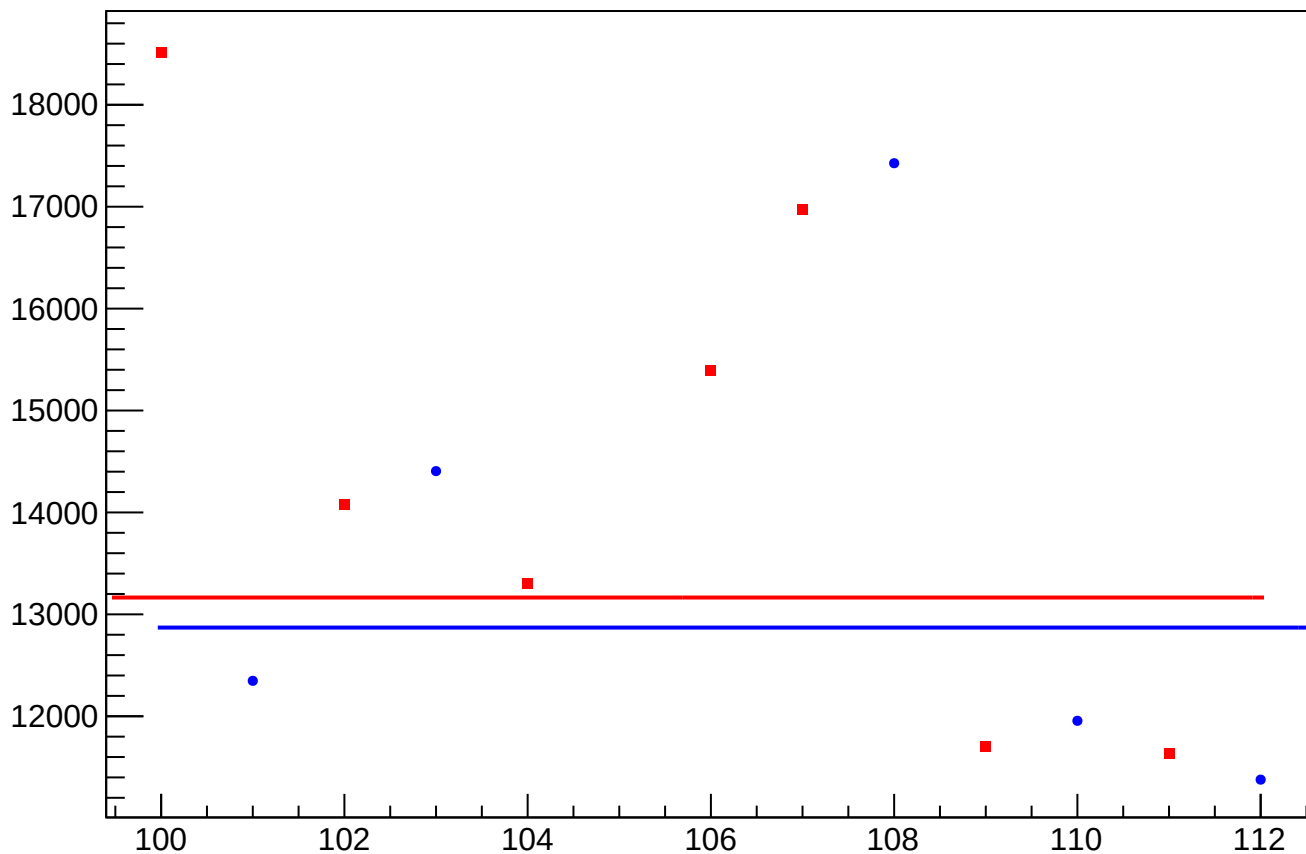
Right: 6.620 $\pm$ 5.704 χ^2 /NDF: 13.7/11

In: 3.728 $\pm$ 8.170 χ^2 /NDF:8.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 6.620 $\pm$ 5.704 χ^2 /NDF: 13.7/11

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 12870.268+/-5.777 χ^2/NDF : 91491.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13165.091+/-5.634 χ^2/NDF : 87021.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

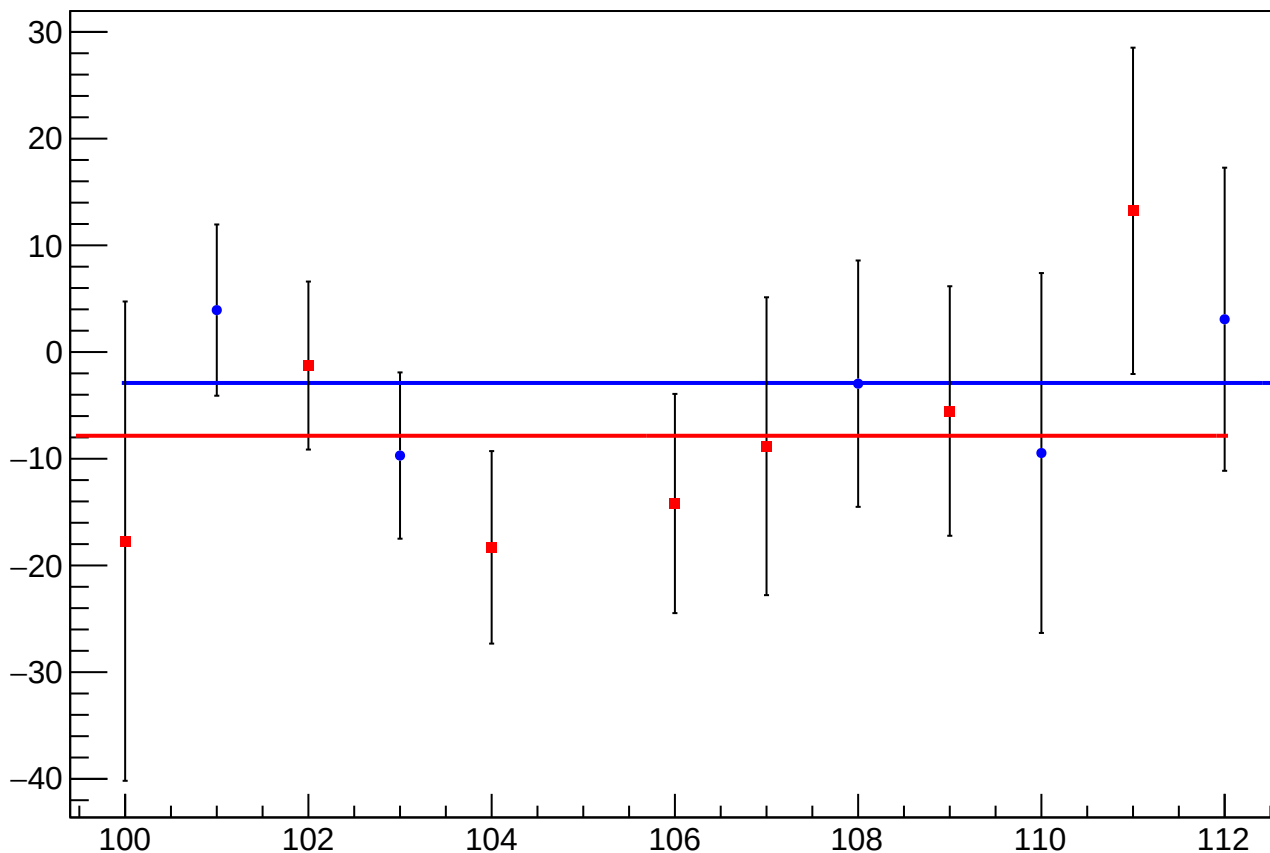
Right: 13021.369+/-4.033 χ^2/NDF : 179848.7/11

In: 12870.268+/-5.777 χ^2/NDF : 91491.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13021.369+/-4.033 χ^2/NDF : 179848.7/11

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -2.897 $\pm$ 4.565 χ^2 /NDF: 1.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -7.846 $\pm$ 4.203 χ^2 /NDF: 4.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

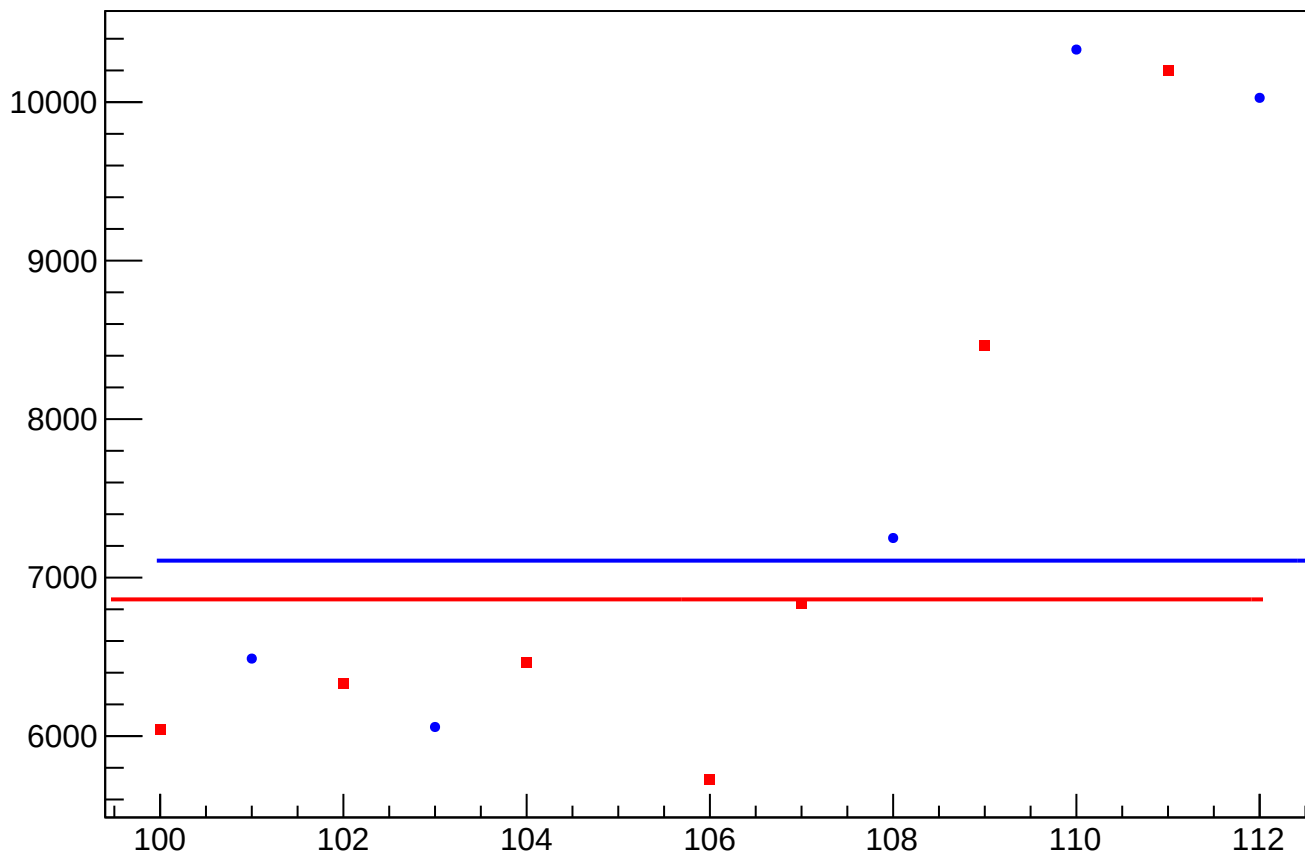
Right: -5.576 $\pm$ 3.092 χ^2 /NDF: 7.0/11

In: -2.897 $\pm$ 4.565 χ^2 /NDF:1.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.576 $\pm$ 3.092 χ^2 /NDF: 7.0/11

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7107.046+/-3.228 χ^2/NDF : 206128.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6862.538+/-2.972 χ^2/NDF : 173285.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

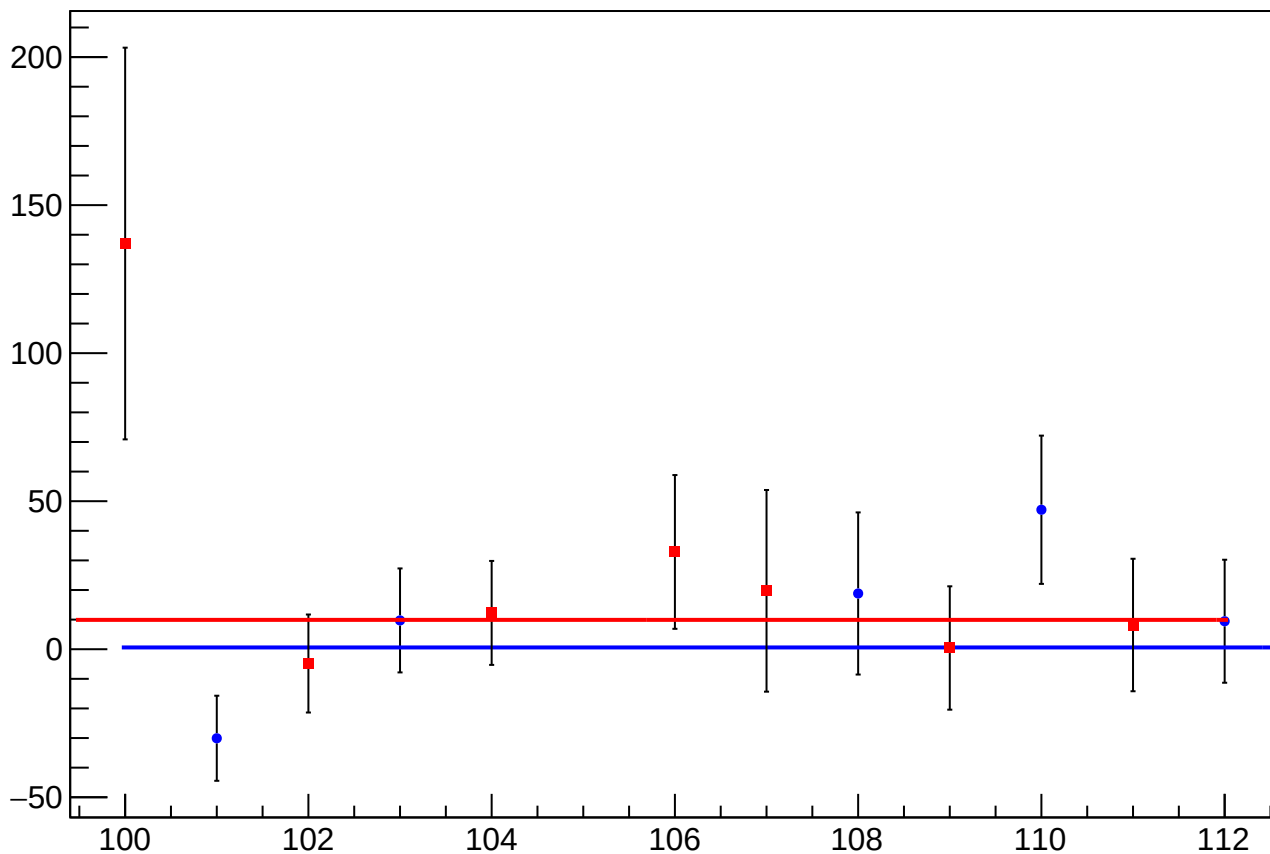
Right: 6974.704+/-2.186 χ^2/NDF : 382518.9/11

In: 7107.046+/-3.228 χ^2/NDF : 206128.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6974.704+/-2.186 χ^2/NDF : 382518.9/11

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: 0.601+/-8.660 χ^2/NDF : 8.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.913+/-8.522 χ^2/NDF : 5.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

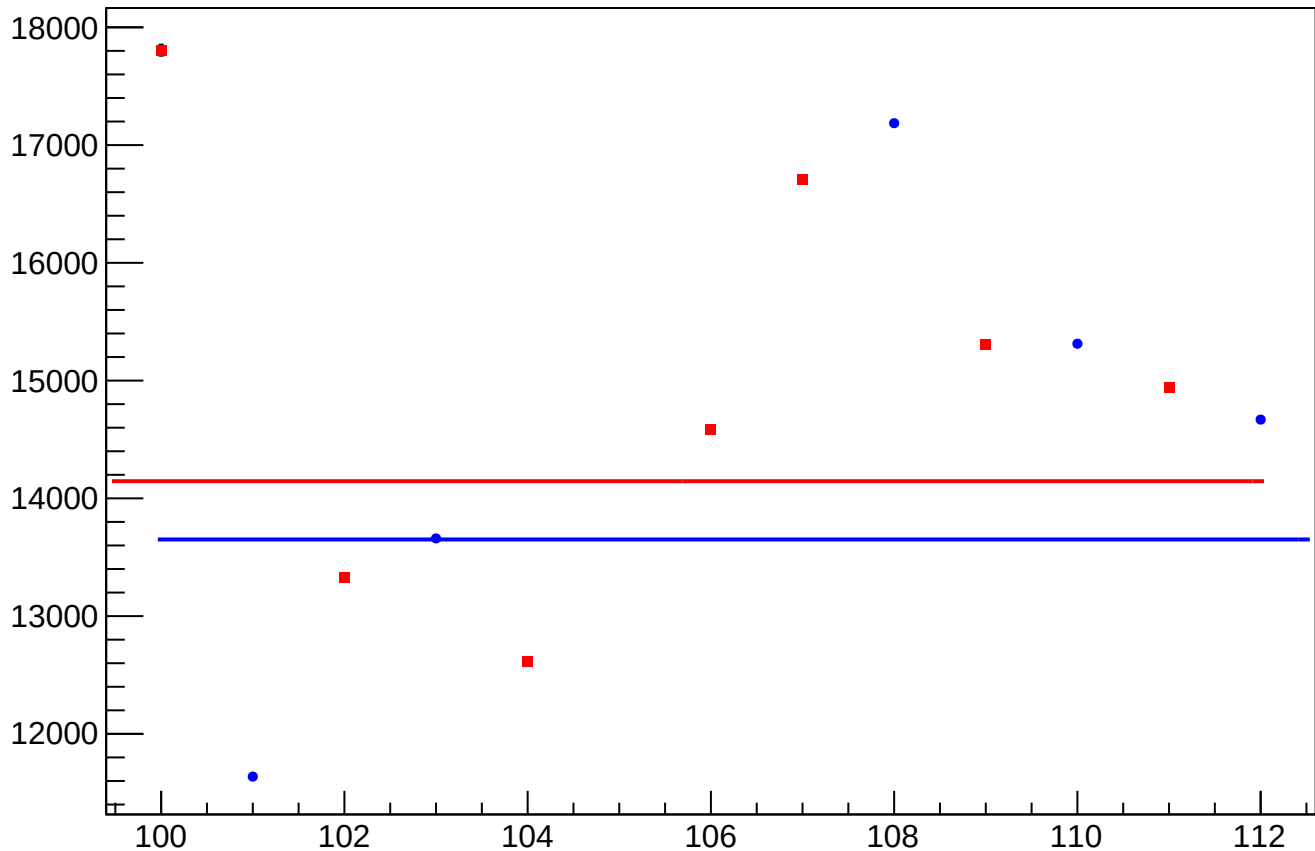
Right: 5.332+/-6.074 χ^2/NDF : 15.1/11

In: 0.601+/-8.660 χ^2/NDF : 8.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.332+/-6.074 χ^2/NDF : 15.1/11

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 13650.889 $\pm$ 6.124 χ^2 /NDF: 86236.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 14145.651 $\pm$ 6.026 χ^2 /NDF: 46895.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

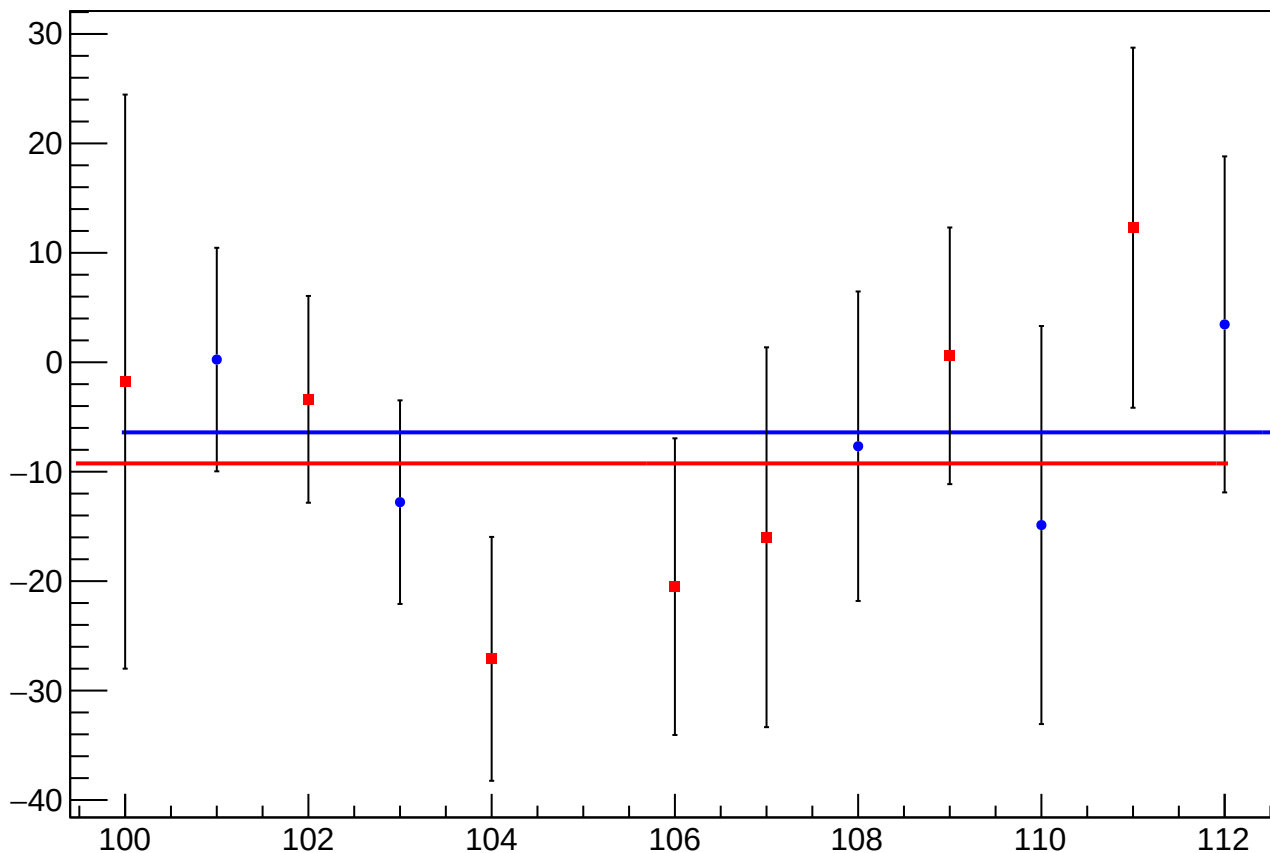
Right: 13902.242 $\pm$ 4.295 χ^2 /NDF: 136448.3/11

In: 13650.889 $\pm$ 6.124 χ^2 /NDF:86236.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 13902.242 $\pm$ 4.295 χ^2 /NDF: 136448.3/11

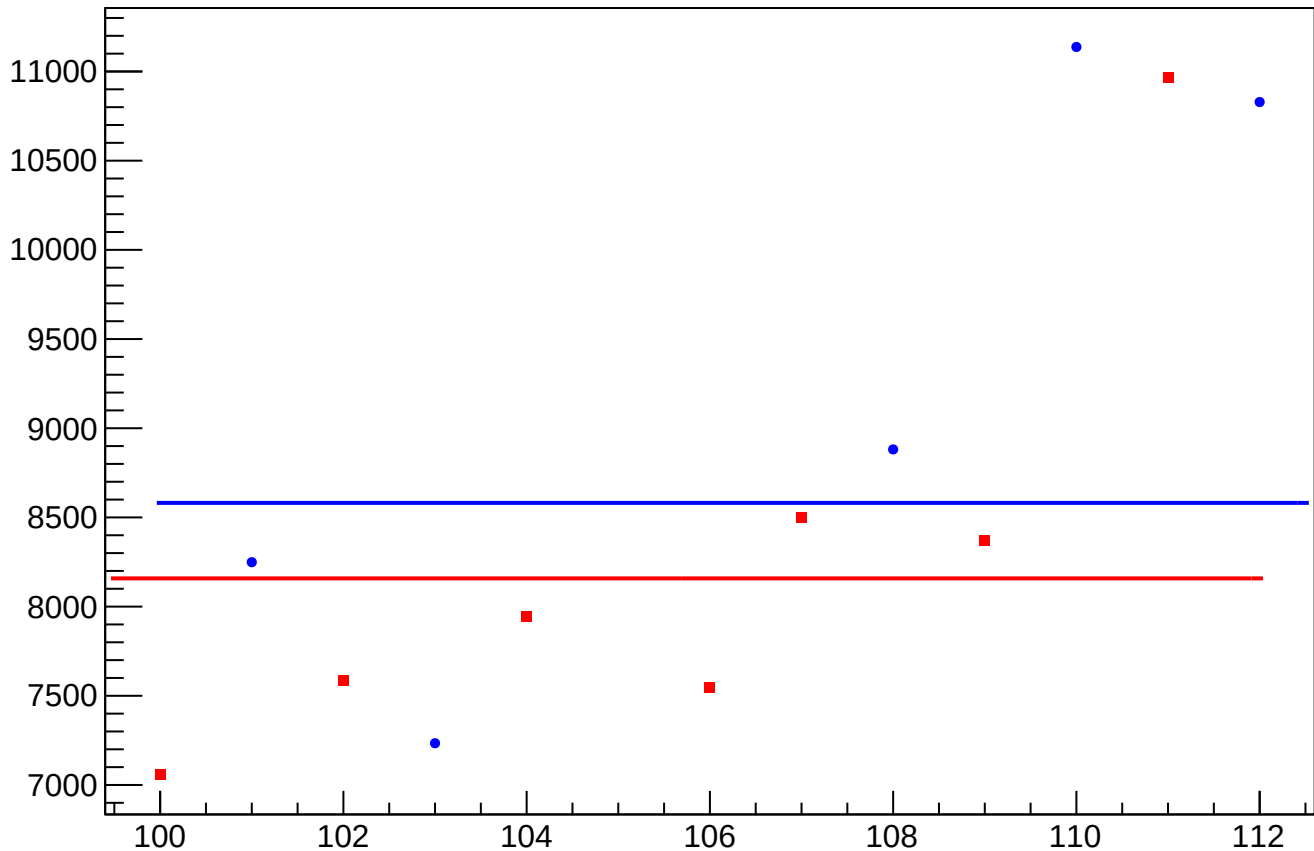
diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -6.405+/-5.471 χ^2/NDF : 1.5/4
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -9.242+/-4.973 χ^2/NDF : 6.3/6
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -7.958+/-3.680 χ^2/NDF : 8.0/11
 In: -6.405+/-5.471 χ^2/NDF : 1.5/4
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -7.958+/-3.680 χ^2/NDF : 8.0/11

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8581.503+/-3.869 χ^2/NDF : 127327.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8158.266+/-3.516 χ^2/NDF : 75420.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

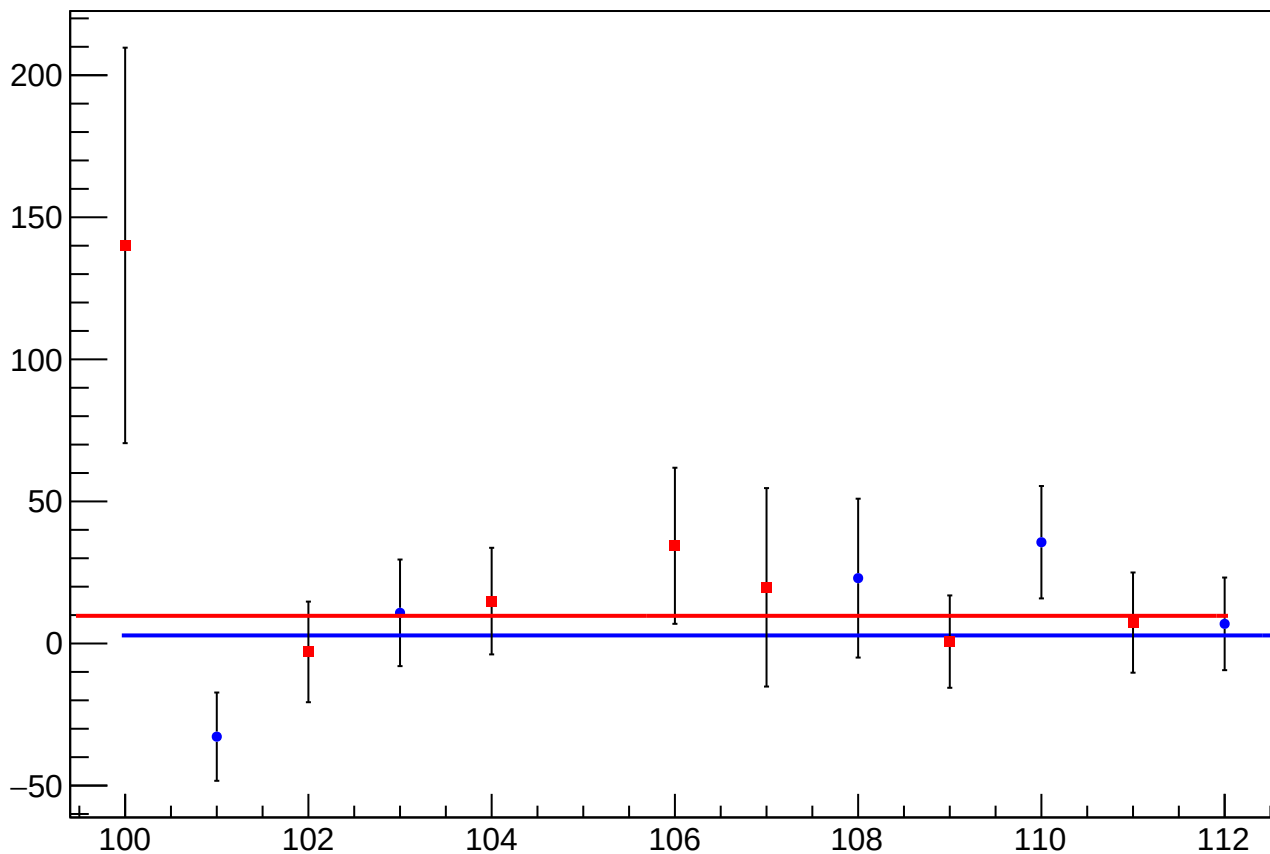
Right: 8349.743+/-2.602 χ^2/NDF : 209302.7/11

In: 8581.503+/-3.869 χ^2/NDF : 127327.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8349.743+/-2.602 χ^2/NDF : 209302.7/11

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: 2.839+/-8.279 χ^2/NDF : 8.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.740+/-8.062 χ^2/NDF : 5.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

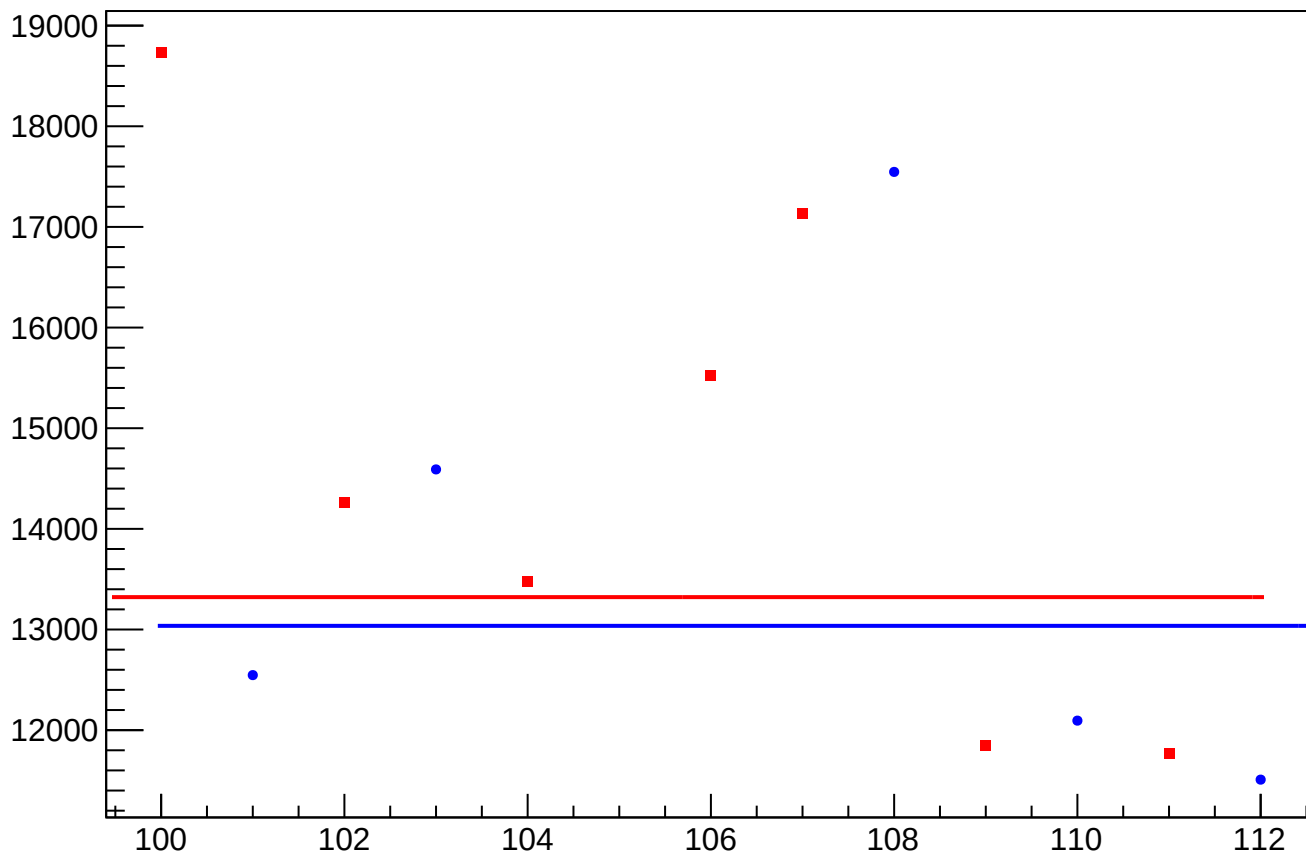
Right: 6.382+/-5.776 χ^2/NDF : 14.4/11

In: 2.839+/-8.279 χ^2/NDF : 8.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.382+/-5.776 χ^2/NDF : 14.4/11

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 13036.421+/-5.854 χ^2/NDF : 89897.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13321.772+/-5.701 χ^2/NDF : 86518.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

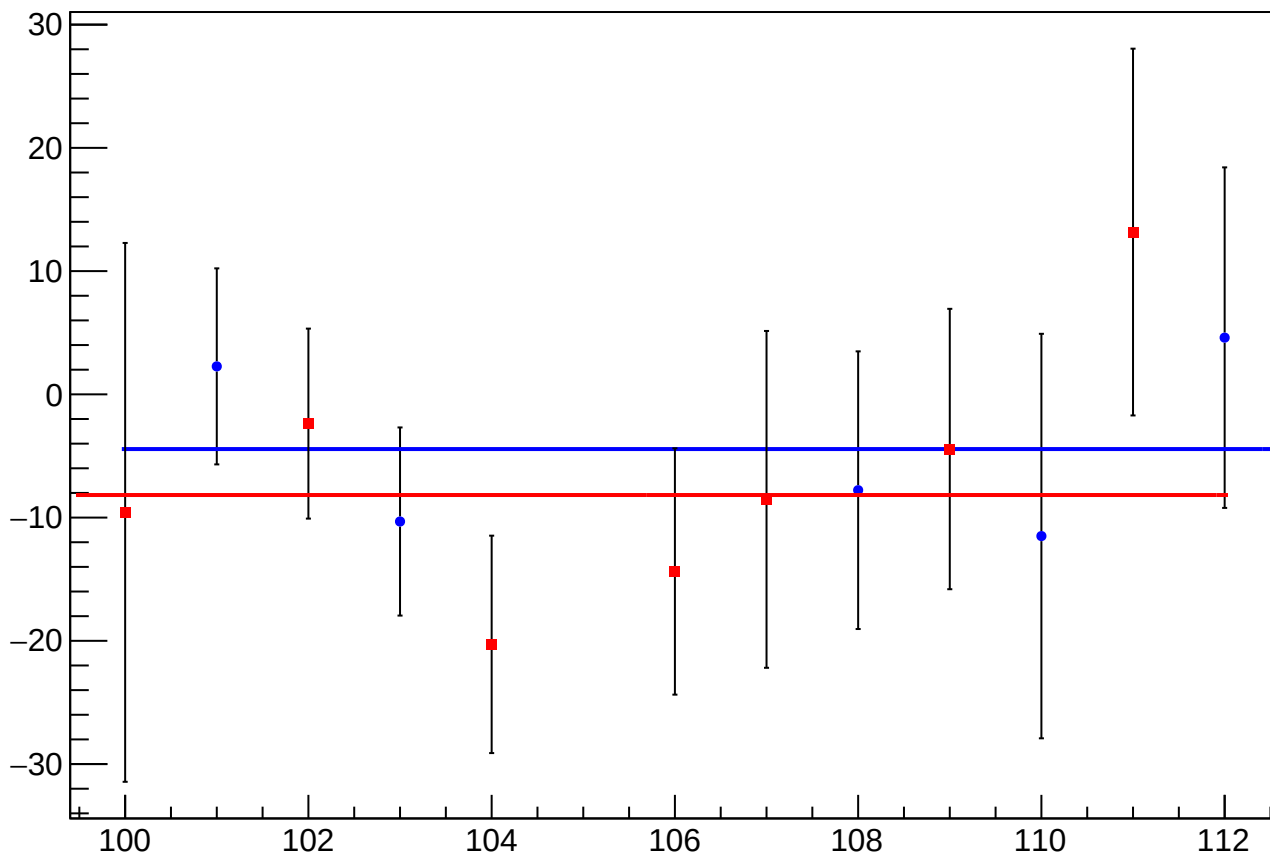
Right: 13182.897+/-4.084 χ^2/NDF : 177636.0/11

In: 13036.421+/-5.854 χ^2/NDF : 89897.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13182.897+/-4.084 χ^2/NDF : 177636.0/11

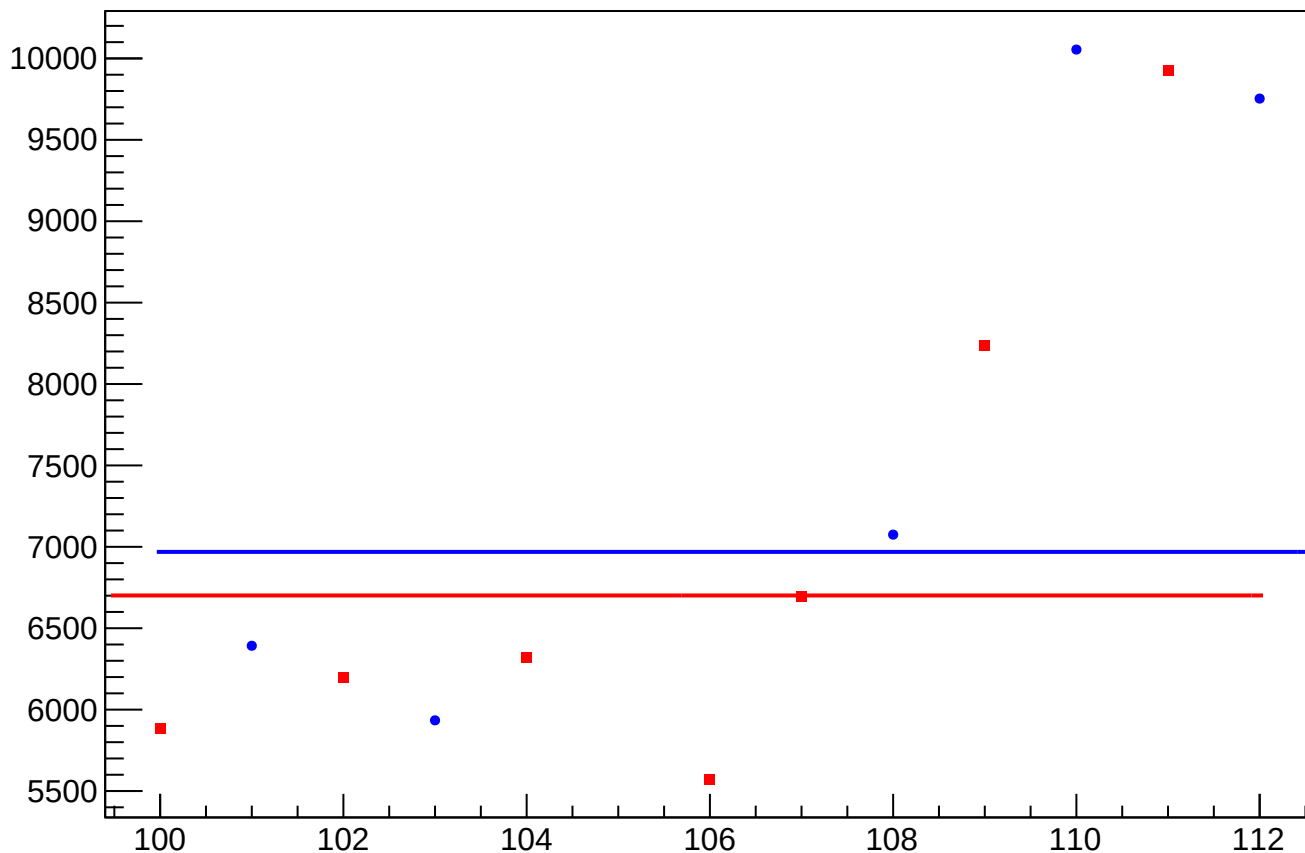
diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -4.439+/-4.481 χ^2/NDF : 2.0/4
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -8.169+/-4.104 χ^2/NDF : 5.0/6
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: -6.468+/-3.026 χ^2/NDF : 7.4/11
In: -4.439+/-4.481 χ^2/NDF : 2.0/4
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -6.468+/-3.026 χ^2/NDF : 7.4/11

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 6968.968 $\pm$ 3.169 χ^2 /NDF: 199376.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 6701.202 $\pm$ 2.902 χ^2 /NDF: 171104.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

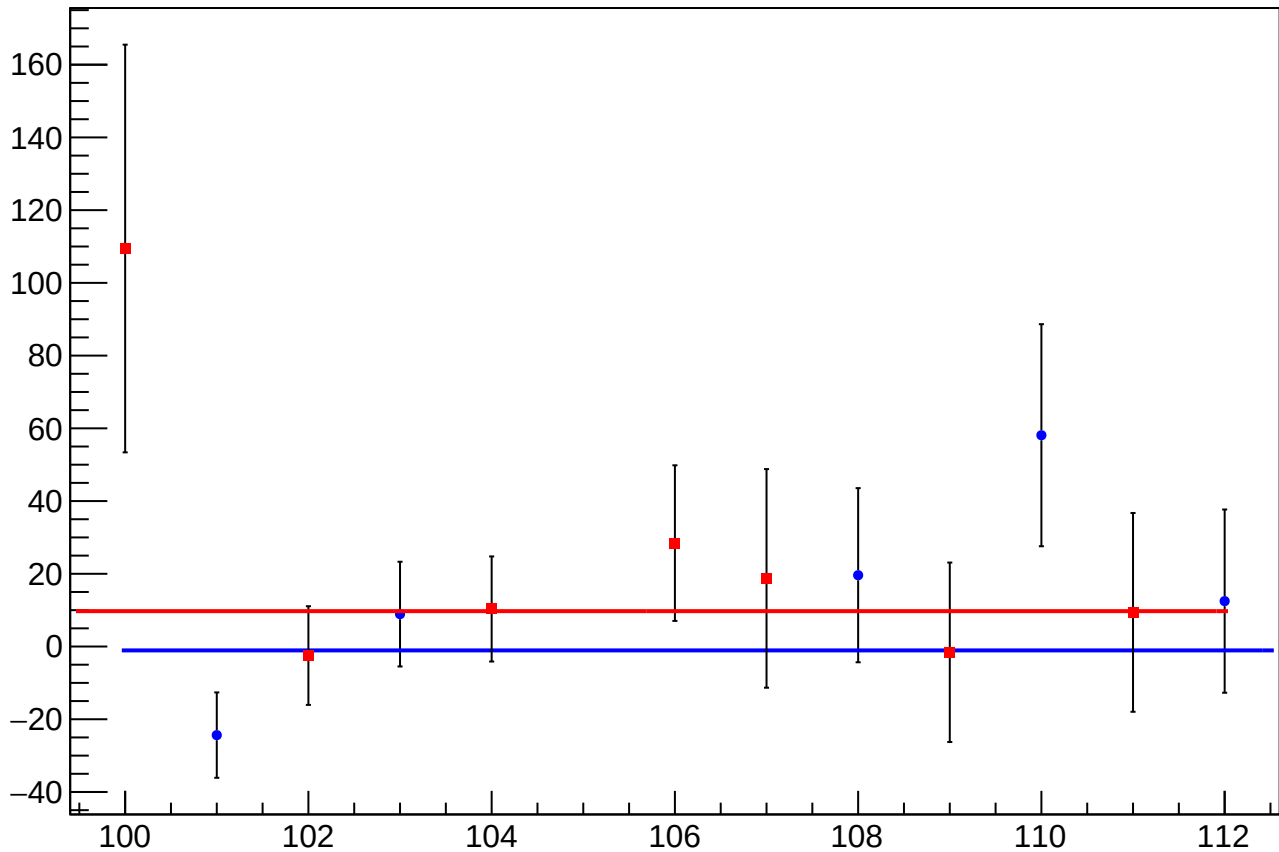
Right: 6823.337 $\pm$ 2.140 χ^2 /NDF: 374364.6/11

In: 6968.968 $\pm$ 3.169 χ^2 /NDF:199376.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 6823.337 $\pm$ 2.140 χ^2 /NDF: 374364.6/11

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -1.069+/-7.792 χ^2/NDF : 9.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.732+/-7.713 χ^2/NDF : 5.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

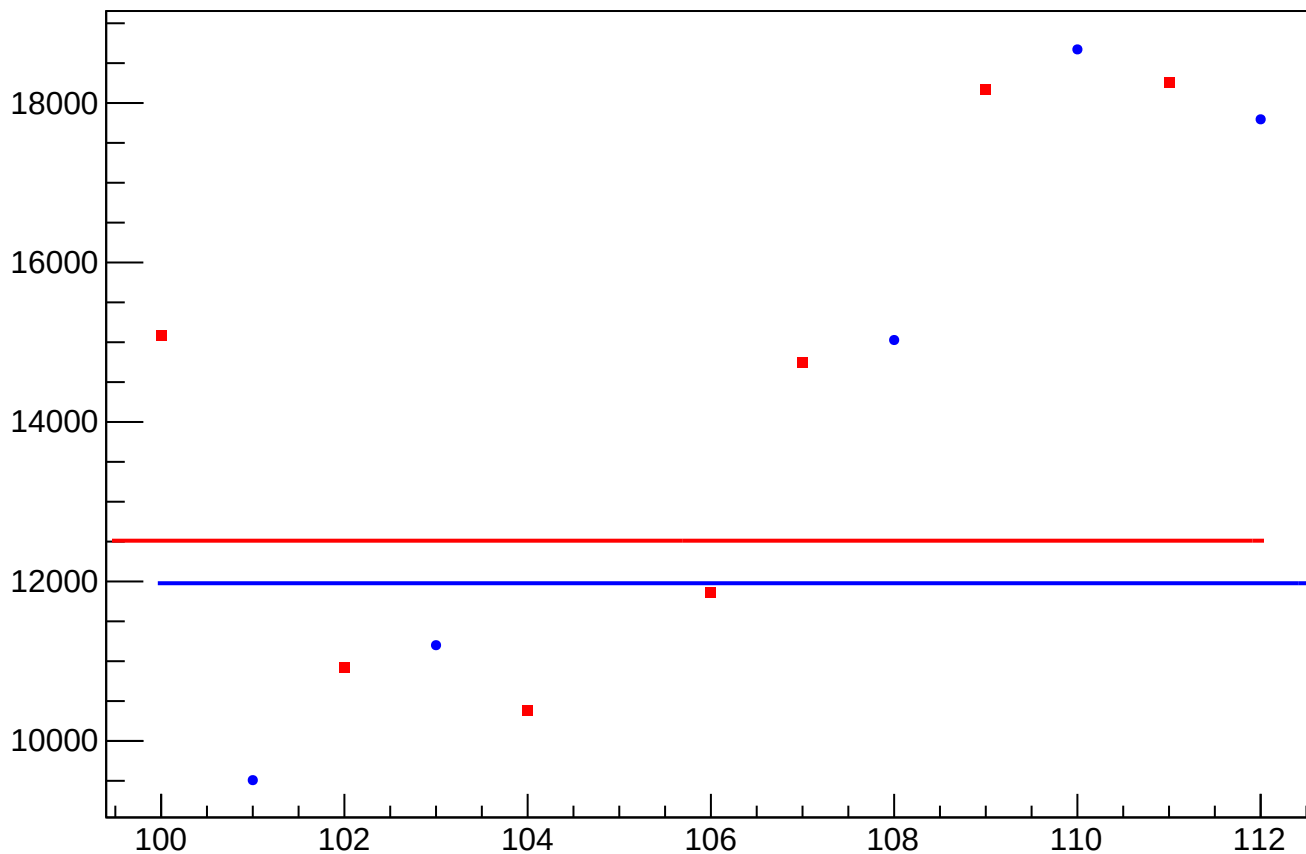
Right: 4.386+/-5.481 χ^2/NDF : 15.2/11

In: -1.069+/-7.792 χ^2/NDF : 9.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.386+/-5.481 χ^2/NDF : 15.2/11

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 11977.797+/-5.510 χ^2/NDF : 329544.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12511.352+/-5.454 χ^2/NDF : 281215.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

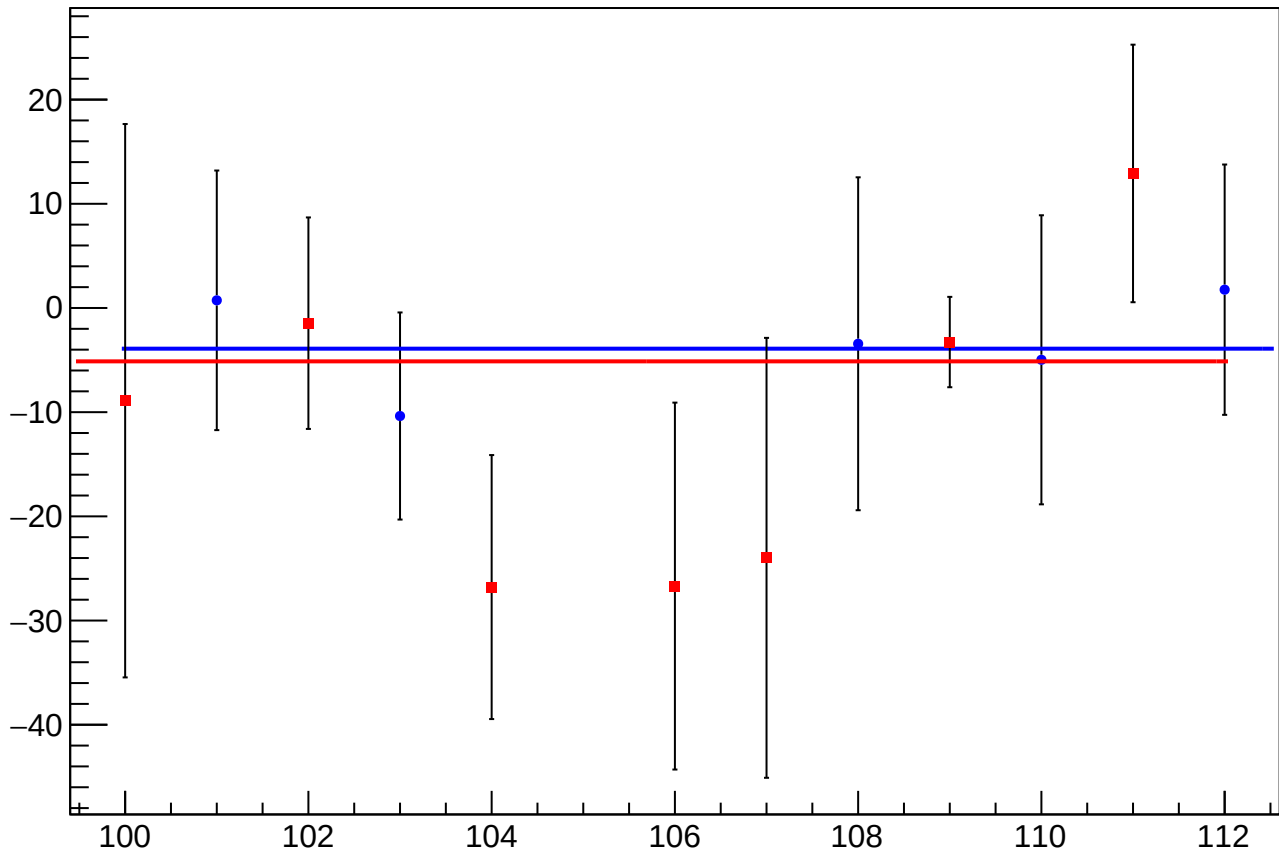
Right: 12247.289+/-3.876 χ^2/NDF : 615496.7/11

In: 11977.797+/-5.510 χ^2/NDF : 329544.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12247.289+/-3.876 χ^2/NDF : 615496.7/11

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: -3.905+/-5.538 χ^2/NDF : 0.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.123+/-3.481 χ^2/NDF : 7.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

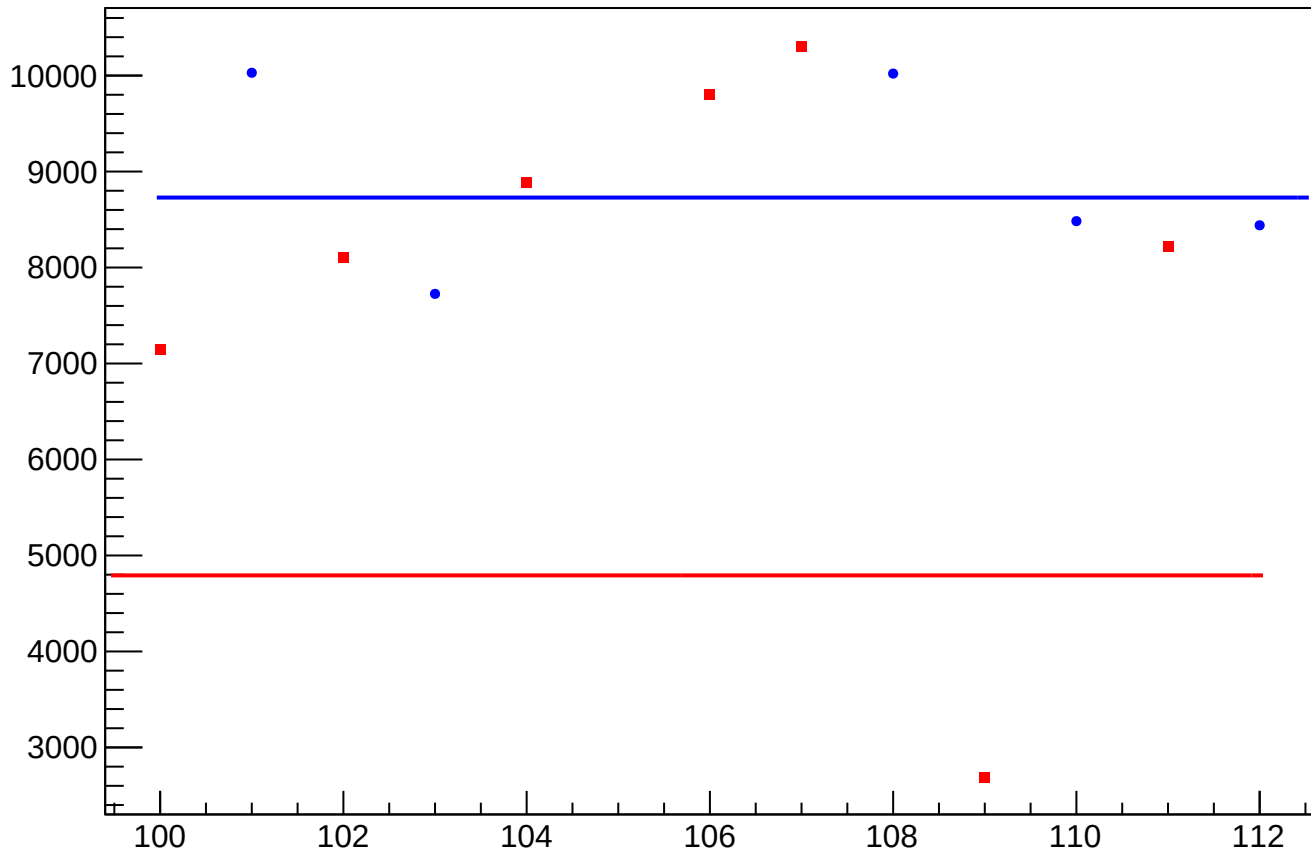
Right: -4.778+/-2.947 χ^2/NDF : 8.5/11

In: -3.905+/-5.538 χ^2/NDF : 0.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.778+/-2.947 χ^2/NDF : 8.5/11

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 8729.032+/-3.916 χ^2/NDF : 57027.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4792.551+/-2.461 χ^2/NDF : 1361547.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

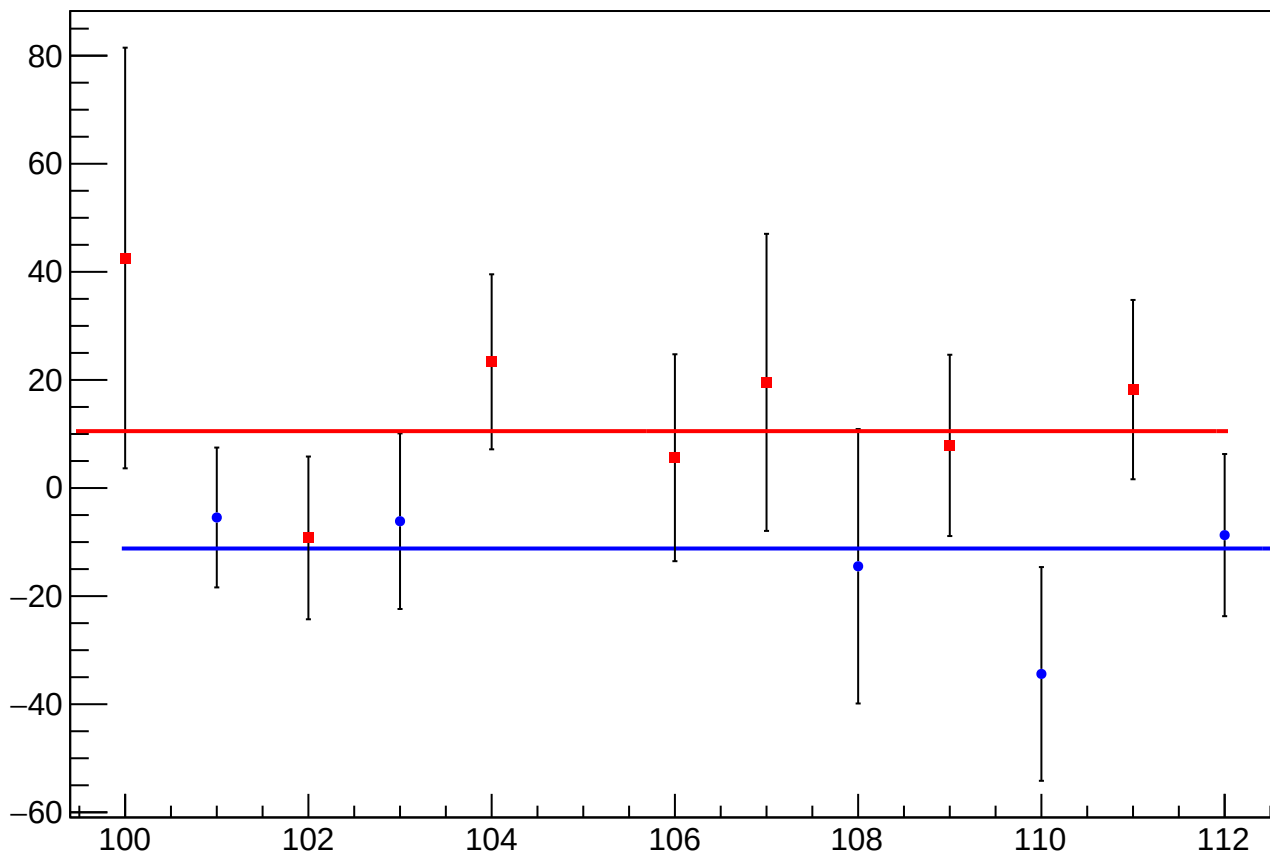
Right: 5907.276+/-2.084 χ^2/NDF : 2143012.8/11

In: 8729.032+/-3.916 χ^2/NDF : 57027.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5907.276+/-2.084 χ^2/NDF : 2143012.8/11

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -11.189 $\pm$ 7.389 χ^2 /NDF: 1.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 10.527 $\pm$ 7.049 χ^2 /NDF: 3.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

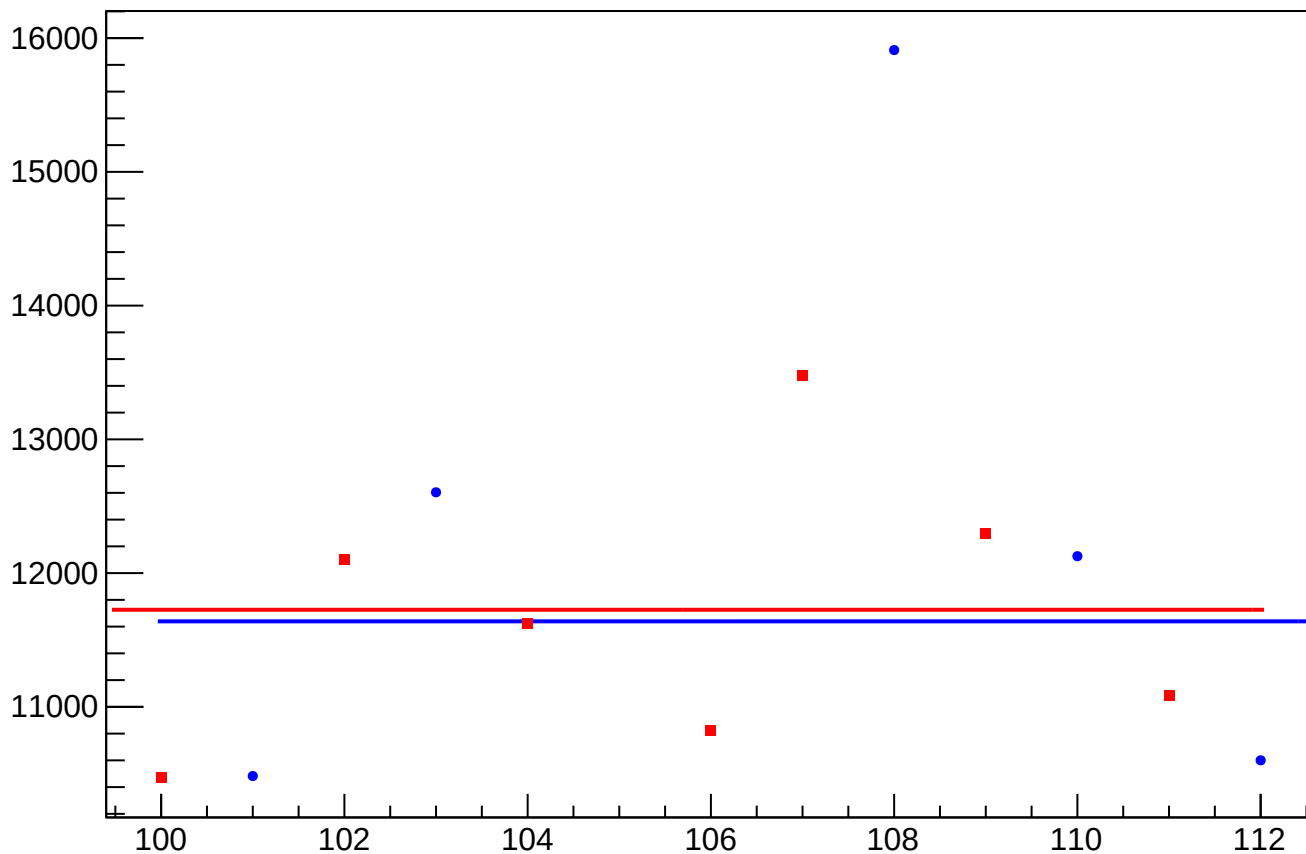
Right: 0.181 $\pm$ 5.100 χ^2 /NDF: 9.7/11

In: -11.189 $\pm$ 7.389 χ^2 /NDF:1.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.181 $\pm$ 5.100 χ^2 /NDF: 9.7/11

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11639.301+/-5.225 χ^2/NDF : 90448.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11725.881+/-4.984 χ^2/NDF : 21262.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

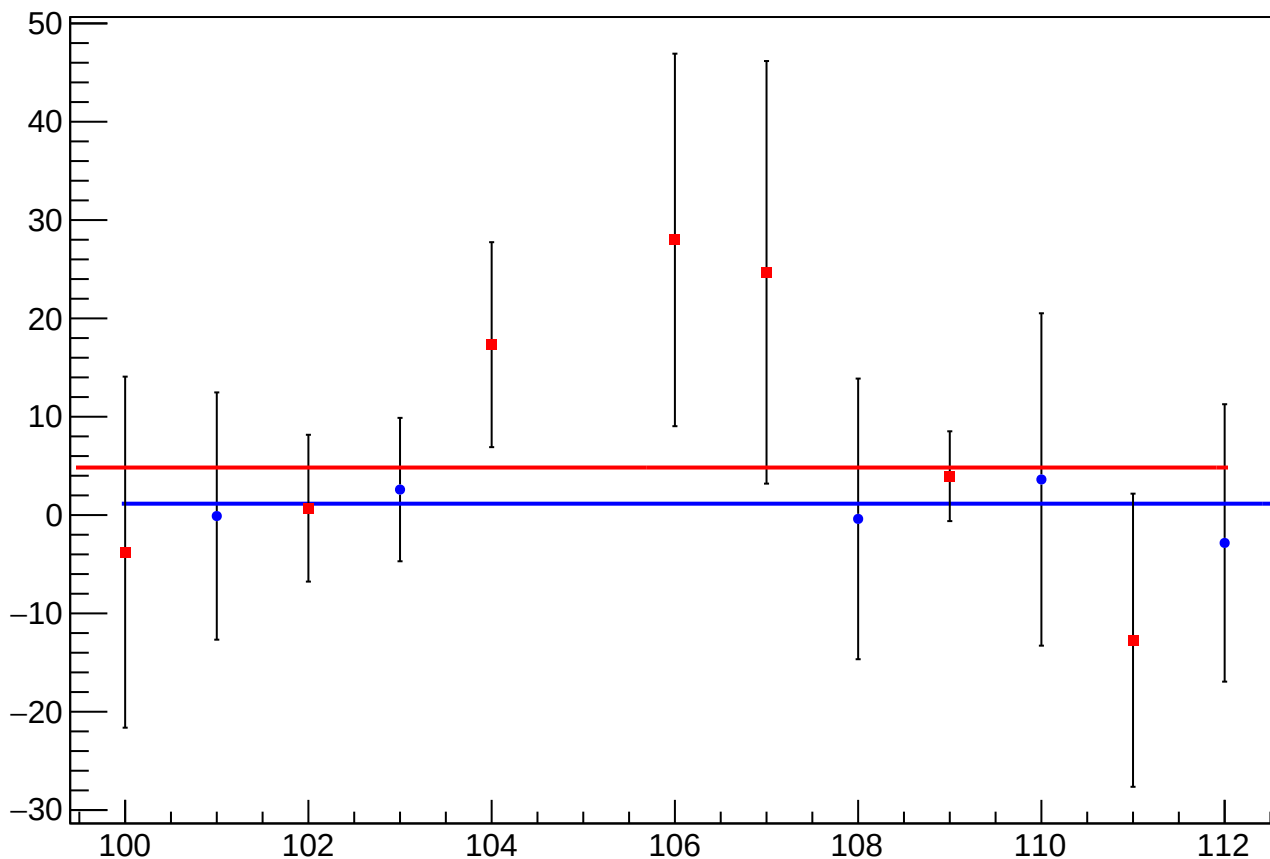
Right: 11684.631+/-3.606 χ^2/NDF : 111854.4/11

In: 11639.301+/-5.225 χ^2/NDF : 90448.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11684.631+/-3.606 χ^2/NDF : 111854.4/11

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: 1.157+/-5.092 χ^2/NDF : 0.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.834+/-3.377 χ^2/NDF : 5.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

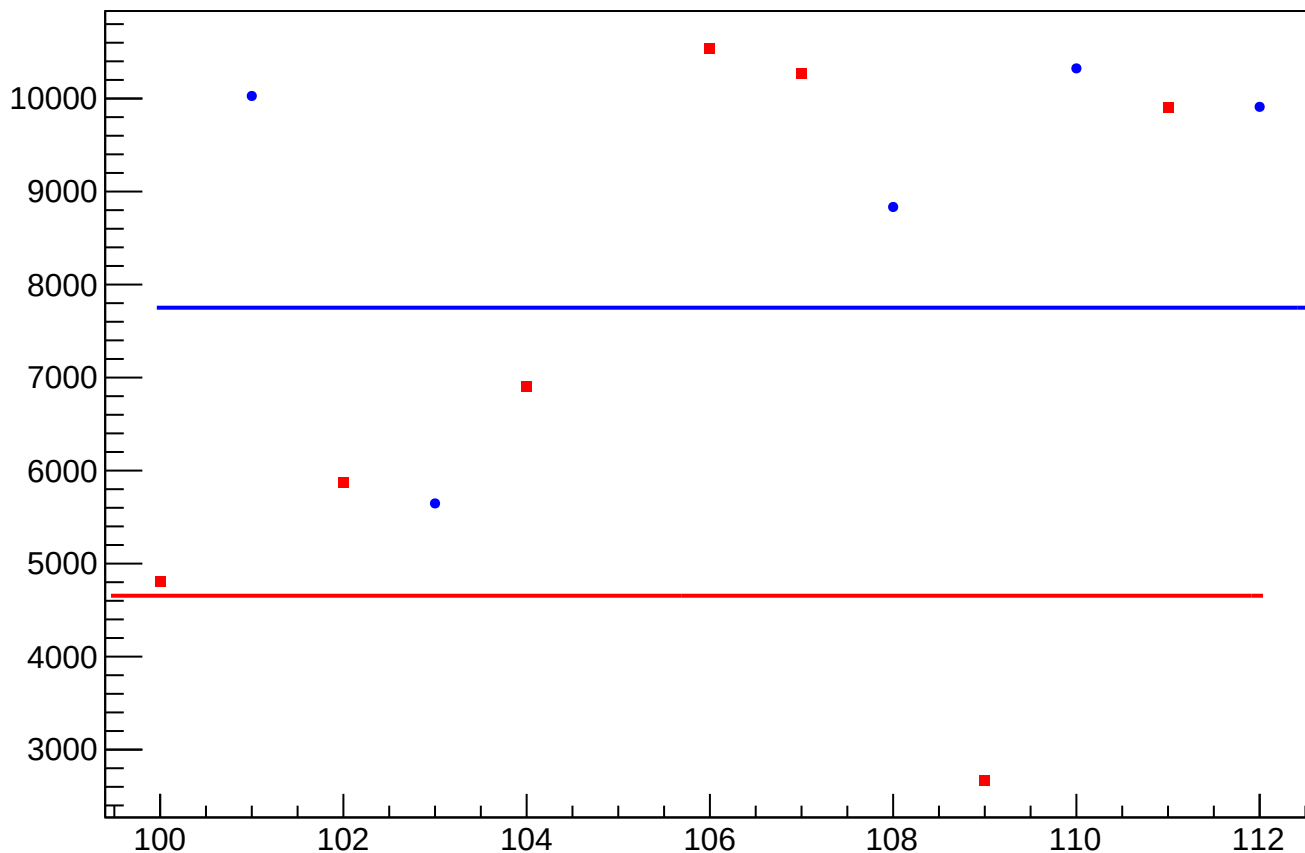
Right: 3.711+/-2.814 χ^2/NDF : 6.3/11

In: 1.157+/-5.092 χ^2/NDF : 0.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.711+/-2.814 χ^2/NDF : 6.3/11

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 7751.298+/-3.600 χ^2/NDF : 336857.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4654.664+/-2.388 χ^2/NDF : 1102744.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

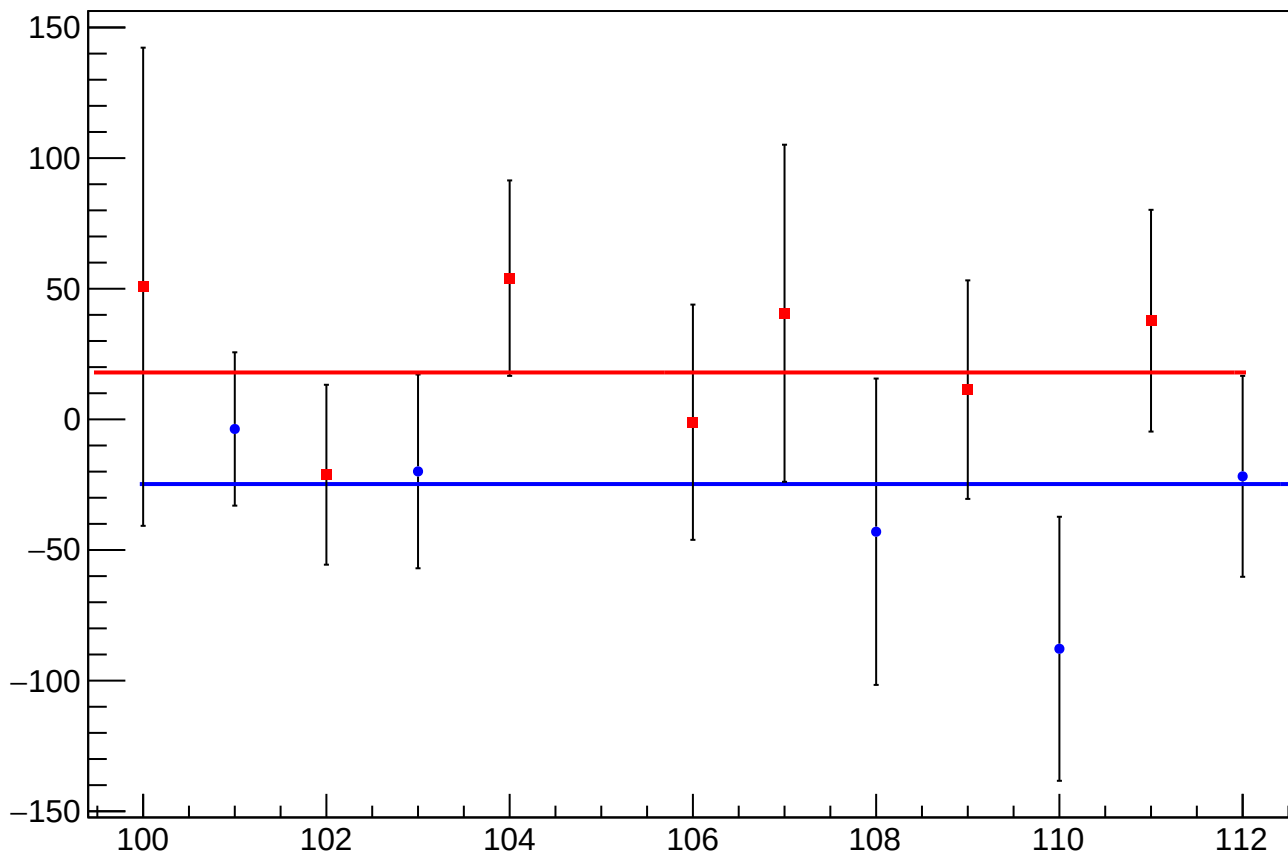
Right: 5600.615+/-1.990 χ^2/NDF : 1953369.3/11

In: 7751.298+/-3.600 χ^2/NDF : 336857.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5600.615+/-1.990 χ^2/NDF : 1953369.3/11

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -24.759 $\pm$ 17.548 χ^2 /NDF: 2.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 17.952 $\pm$ 16.811 χ^2 /NDF: 2.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

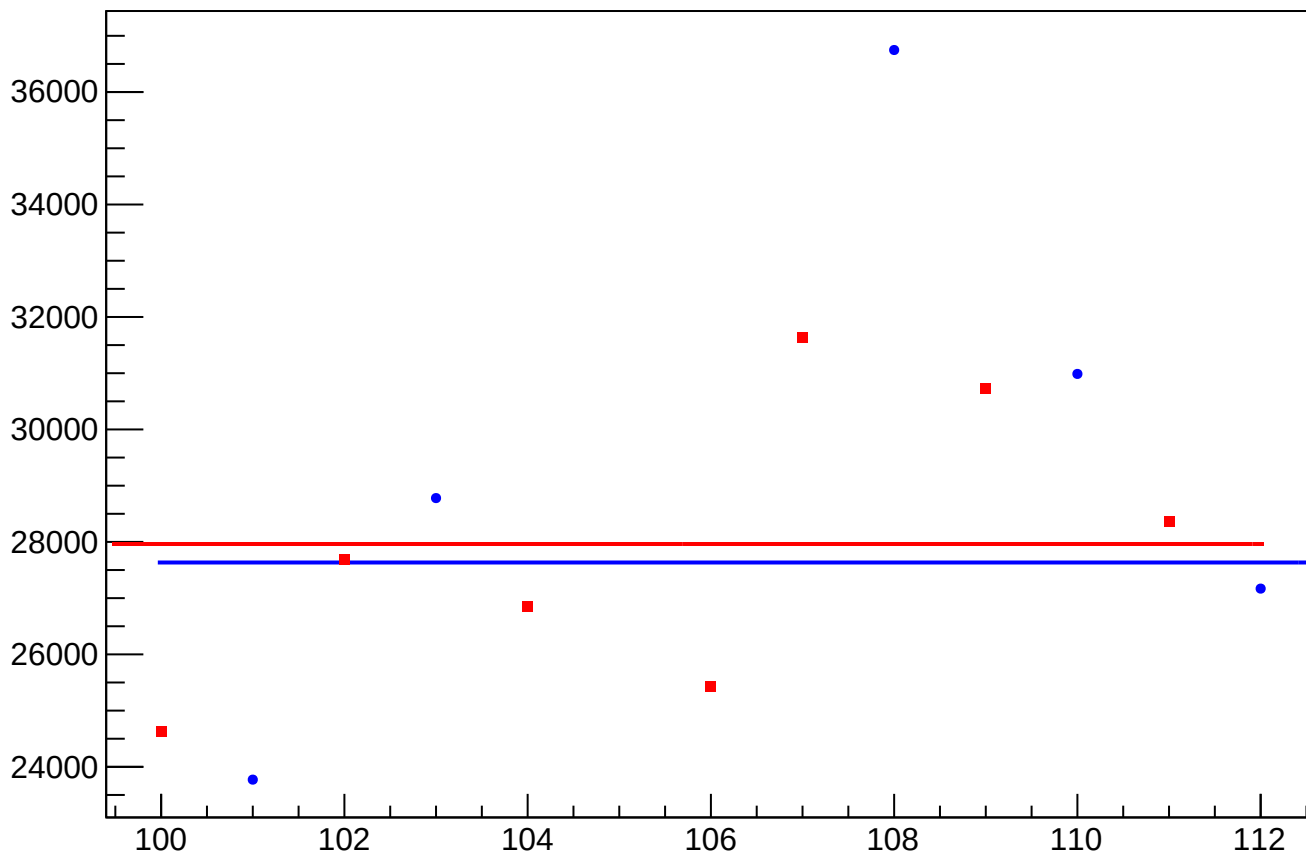
Right: -2.487 $\pm$ 12.140 χ^2 /NDF: 8.2/11

In: -24.759 $\pm$ 17.548 χ^2 /NDF:2.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.487 $\pm$ 12.140 χ^2 /NDF: 8.2/11

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 27633.906+/-12.409 χ^2/NDF : 93966.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27962.870+/-11.887 χ^2/NDF : 26294.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

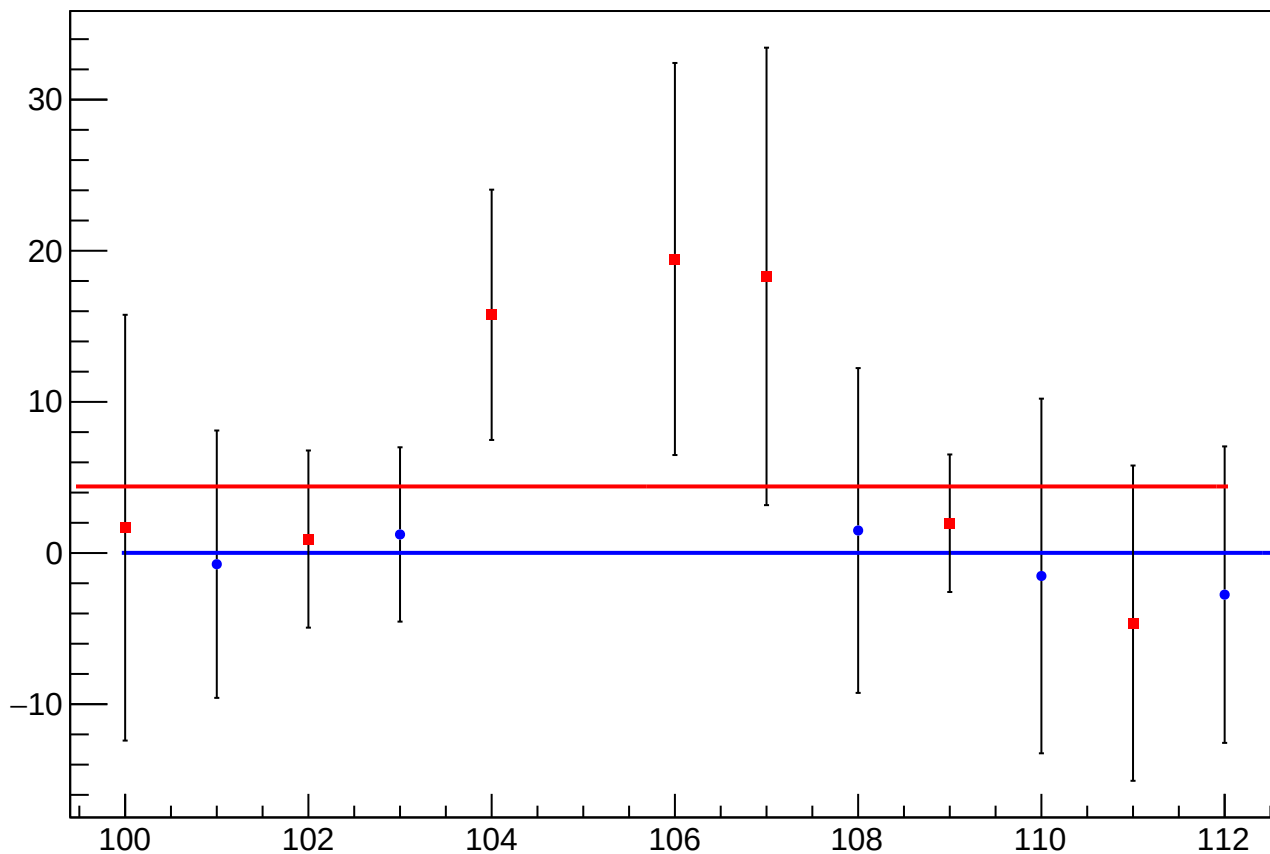
Right: 27805.442+/-8.584 χ^2/NDF : 120627.0/11

In: 27633.906+/-12.409 χ^2/NDF : 93966.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27805.442+/-8.584 χ^2/NDF : 120627.0/11

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.011+/-3.802 χ^2/NDF : 0.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.405+/-2.929 χ^2/NDF : 5.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

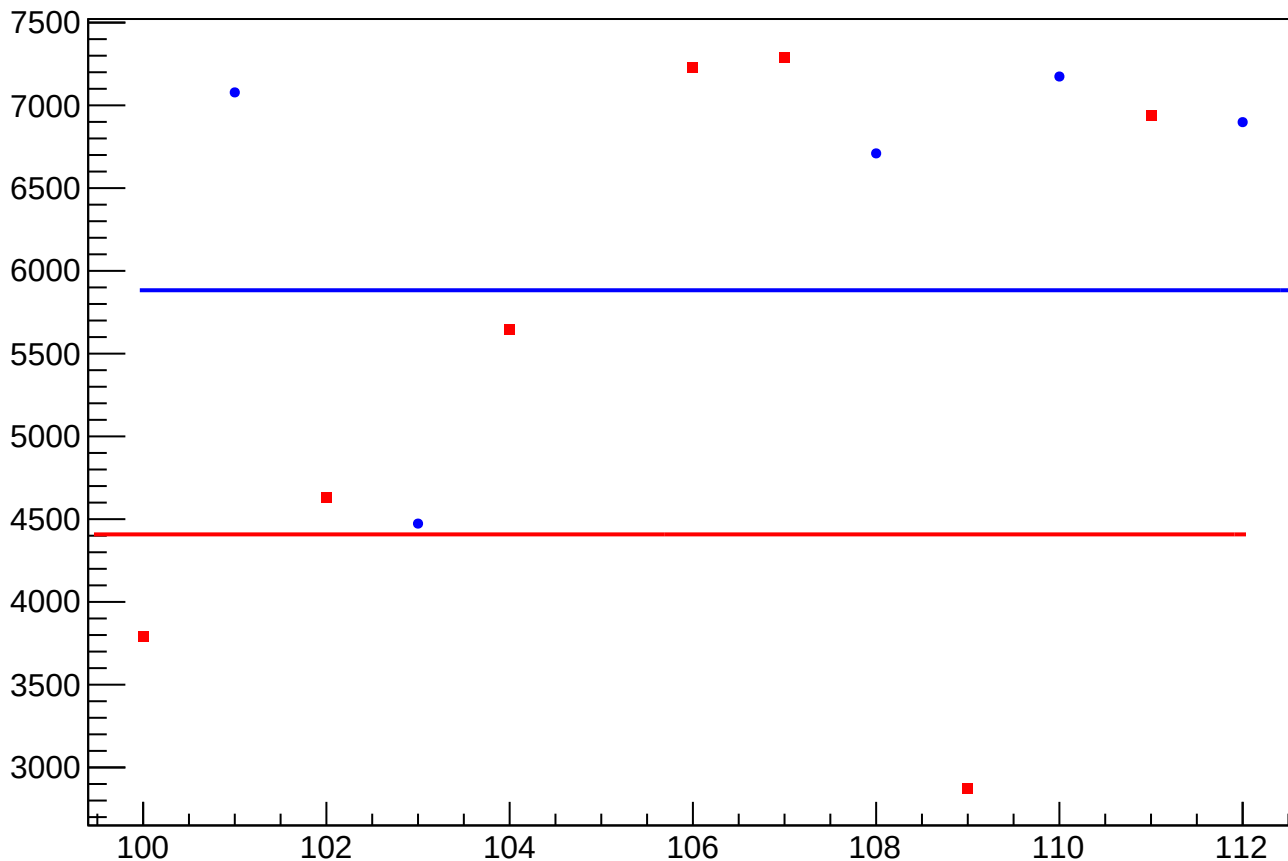
Right: 2.769+/-2.321 χ^2/NDF : 6.5/11

In: 0.011+/-3.802 χ^2/NDF : 0.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.769+/-2.321 χ^2/NDF : 6.5/11

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 5882.937+/-2.689 χ^2/NDF : 213515.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4408.012+/-2.071 χ^2/NDF : 563646.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

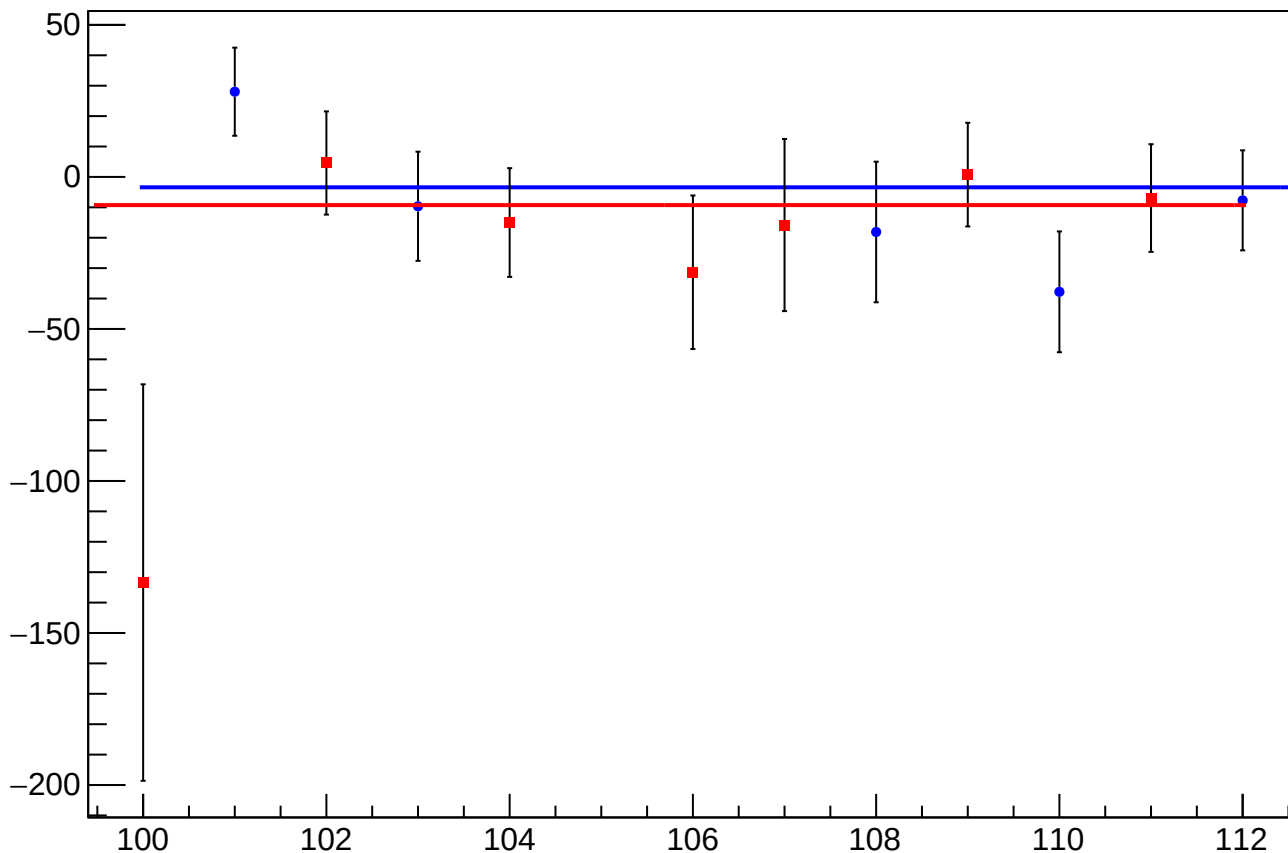
Right: 4957.307+/-1.641 χ^2/NDF : 966005.8/11

In: 5882.937+/-2.689 χ^2/NDF : 213515.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4957.307+/-1.641 χ^2/NDF : 966005.8/11

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: -3.414+/-7.913 χ^2 /NDF: 8.3/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -9.270+/-7.837 χ^2 /NDF: 5.6/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

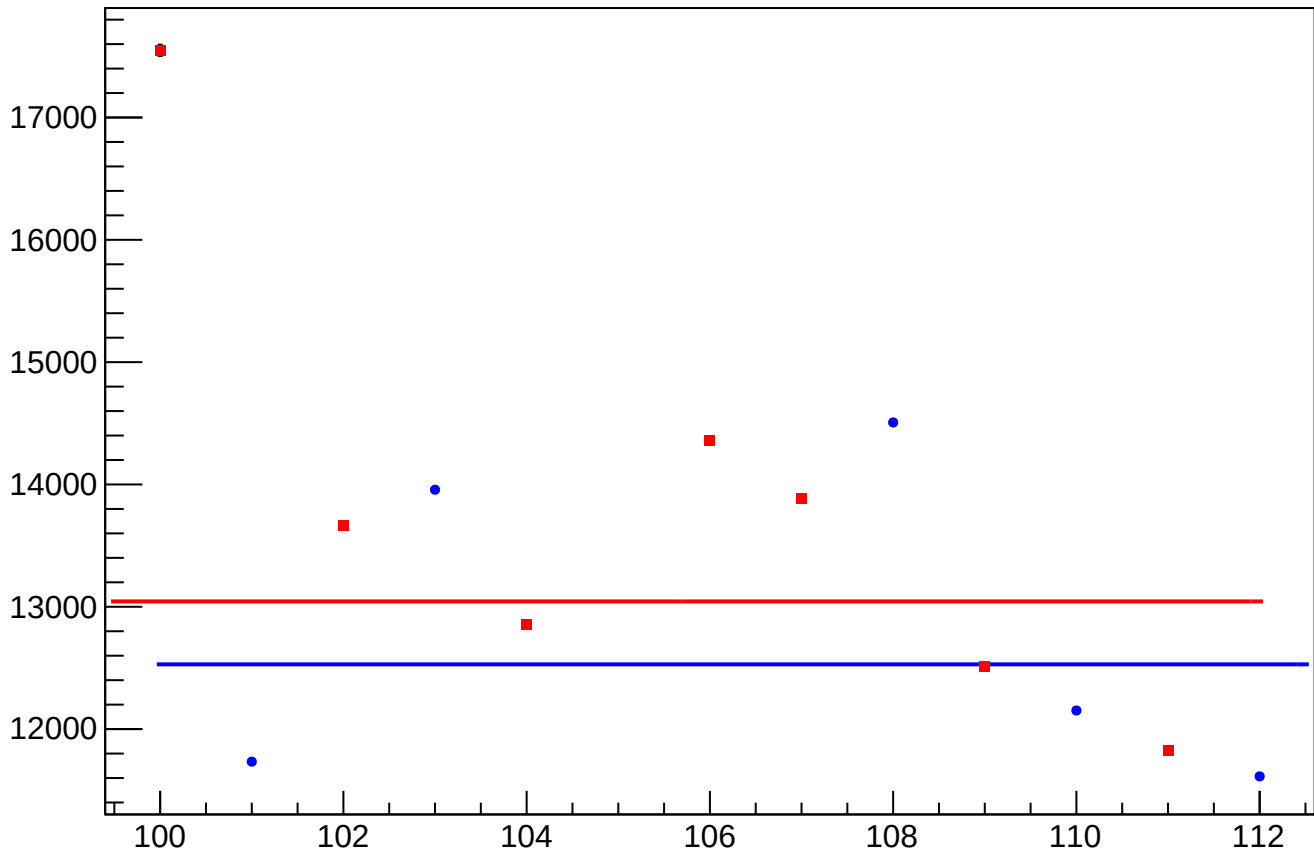
Right: -6.370+/-5.569 χ^2 /NDF: 14.1/11

In: -3.414+/-7.913 χ^2 /NDF:8.3/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -6.370+/-5.569 χ^2 /NDF: 14.1/11

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 12529.315+/-5.596 χ^2 /NDF: 40241.6/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 13043.842+/-5.542 χ^2 /NDF: 31051.8/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

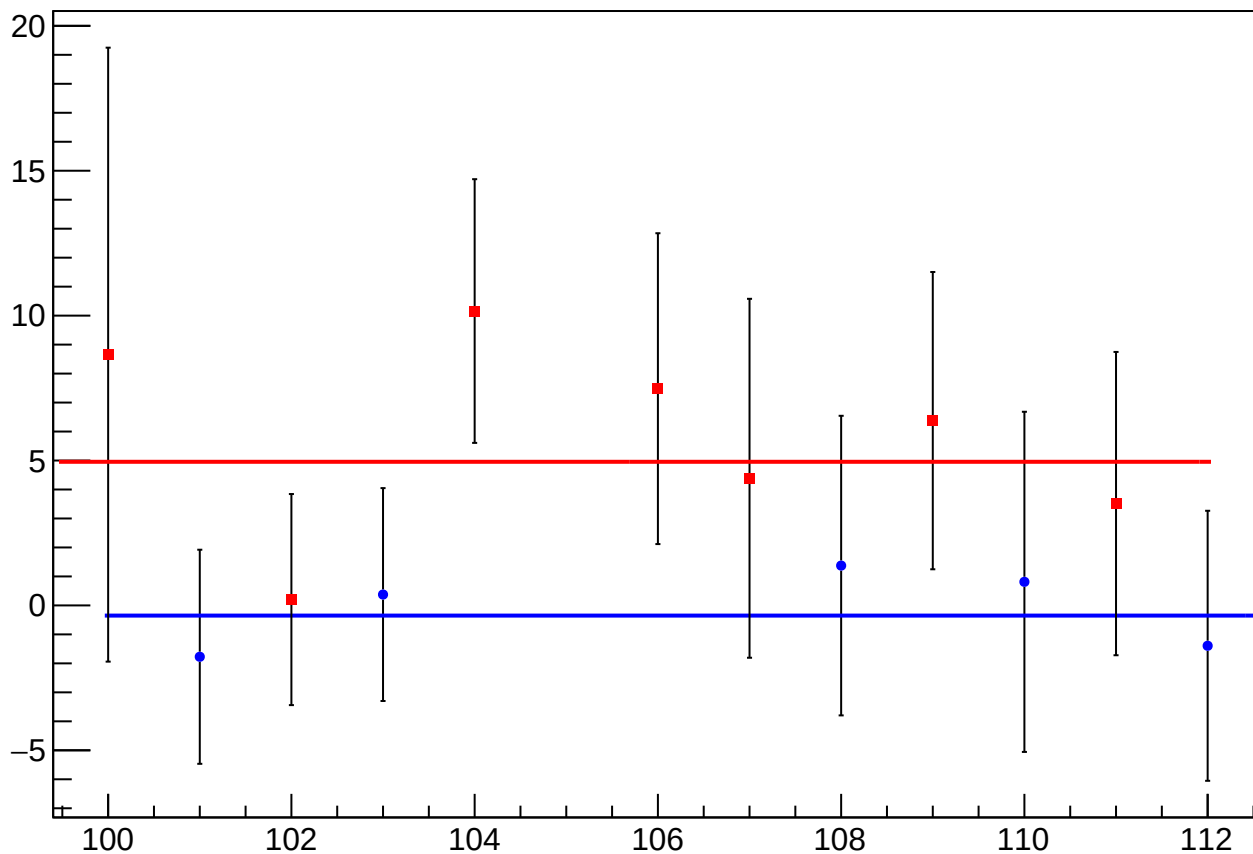
Right: 12789.055+/-3.938 χ^2 /NDF: 75561.9/11

In: 12529.315+/-5.596 χ^2 /NDF:40241.6/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 12789.055+/-3.938 χ^2 /NDF: 75561.9/11

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.351+/-1.961 χ^2/NDF : 0.4/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 4.956+/-1.932 χ^2/NDF : 3.5/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

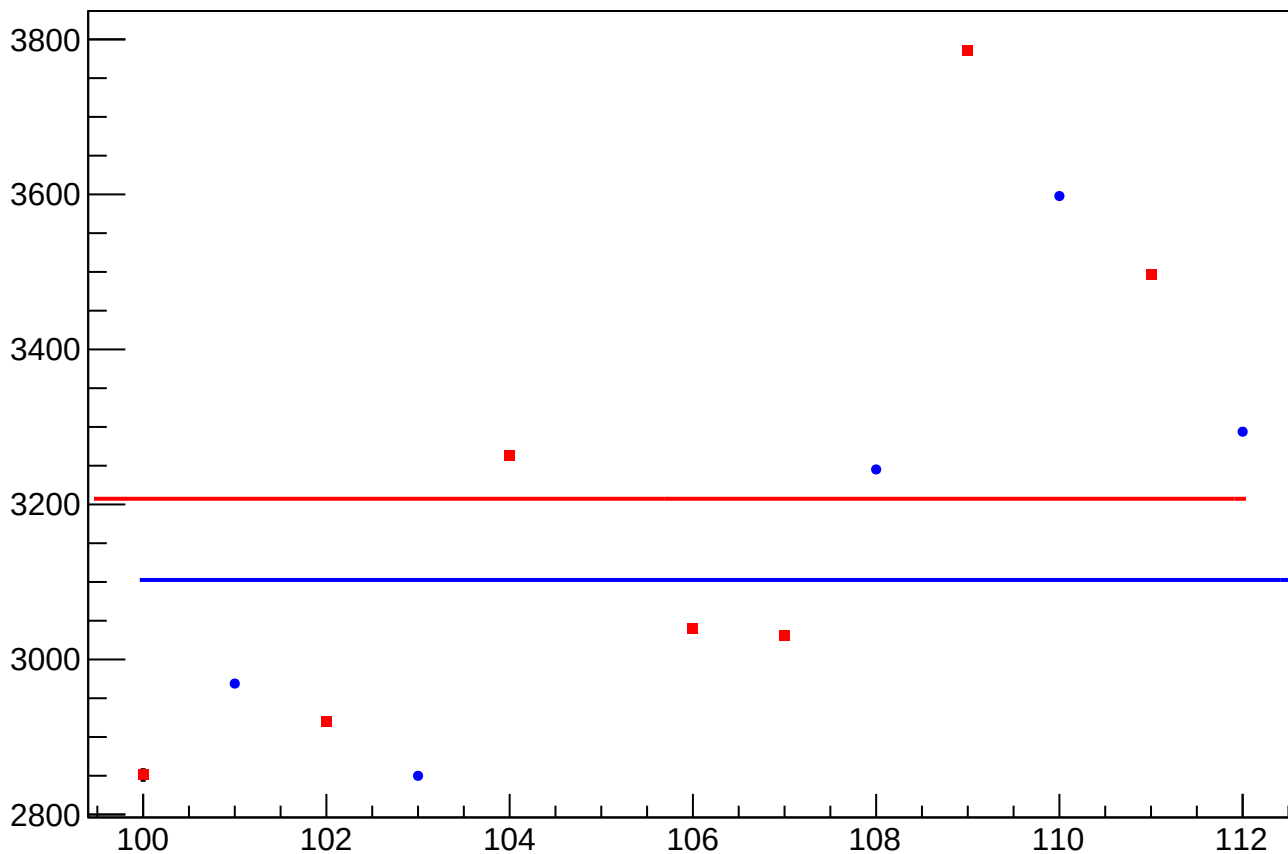
Right: 2.343+/-1.376 χ^2/NDF : 7.6/11

In: -0.351+/-1.961 χ^2/NDF :0.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2.343+/-1.376 χ^2/NDF : 7.6/11

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3102.602 $\pm$ 1.387 χ^2 /NDF: 31221.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3207.349 $\pm$ 1.366 χ^2 /NDF: 50110.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

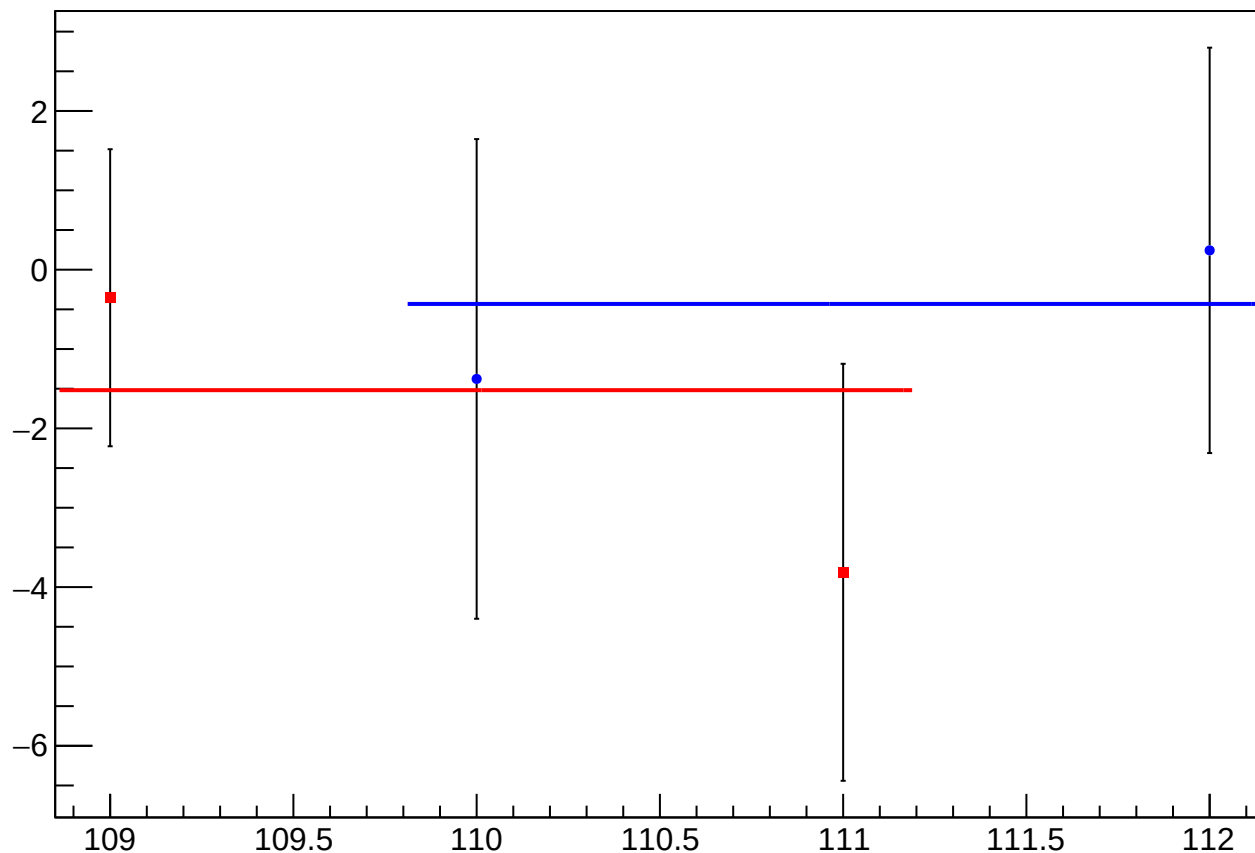
Right: 3155.773 $\pm$ 0.973 χ^2 /NDF: 84226.9/11

In: 3102.602 $\pm$ 1.387 χ^2 /NDF:31221.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3155.773 $\pm$ 0.973 χ^2 /NDF: 84226.9/11

diff_bpm1p02bX_mean vs Slug, Sign Corrected



Right In: -0.432+/-1.951 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.518+/-1.524 χ^2/NDF : 1.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

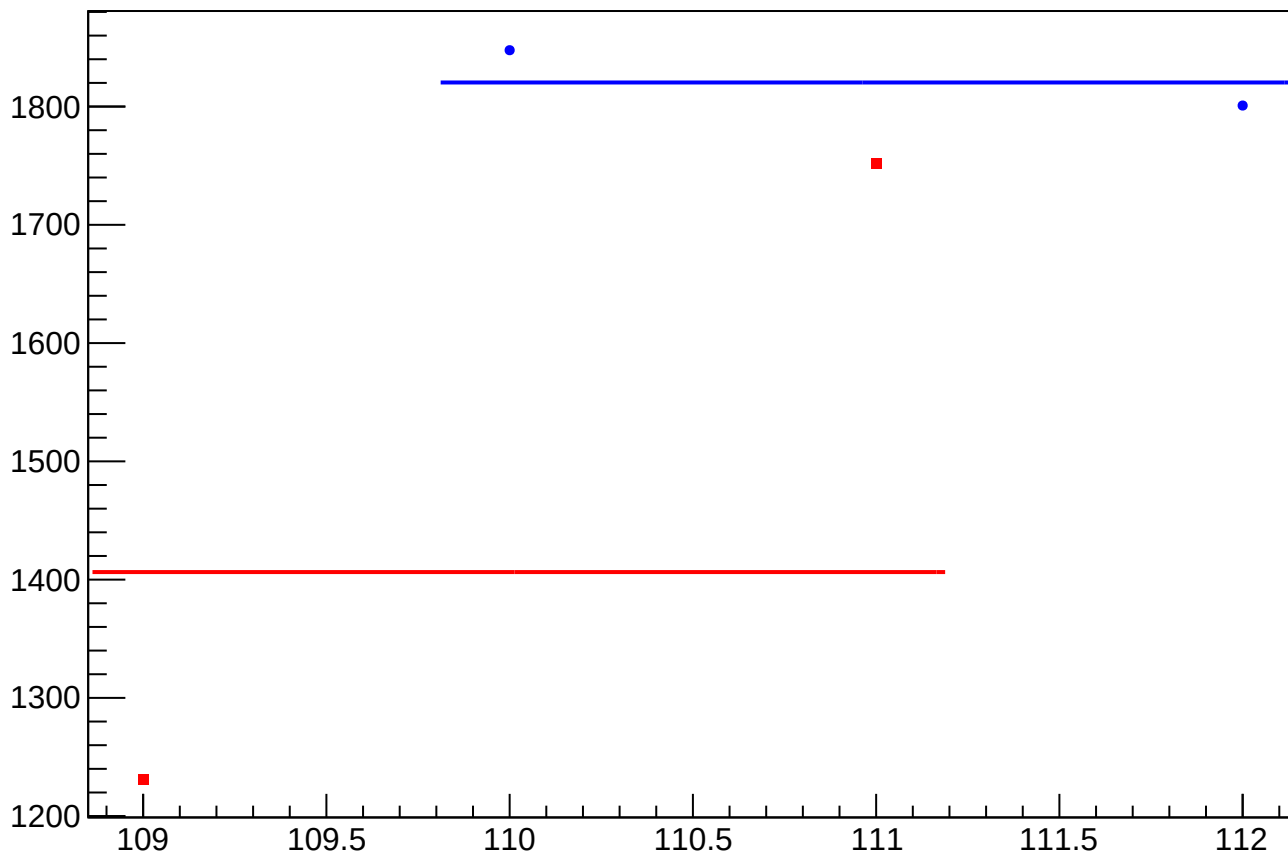
Right: -1.106+/-1.201 χ^2/NDF : 1.5/3

In: -0.432+/-1.951 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.106+/-1.201 χ^2/NDF : 1.5/3

diff_bpm1p02bX_rms vs Slug, Sign Corrected



Right In: 1820.356+/-1.380 χ^2/NDF : 279.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1406.388+/-1.078 χ^2/NDF : 52040.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

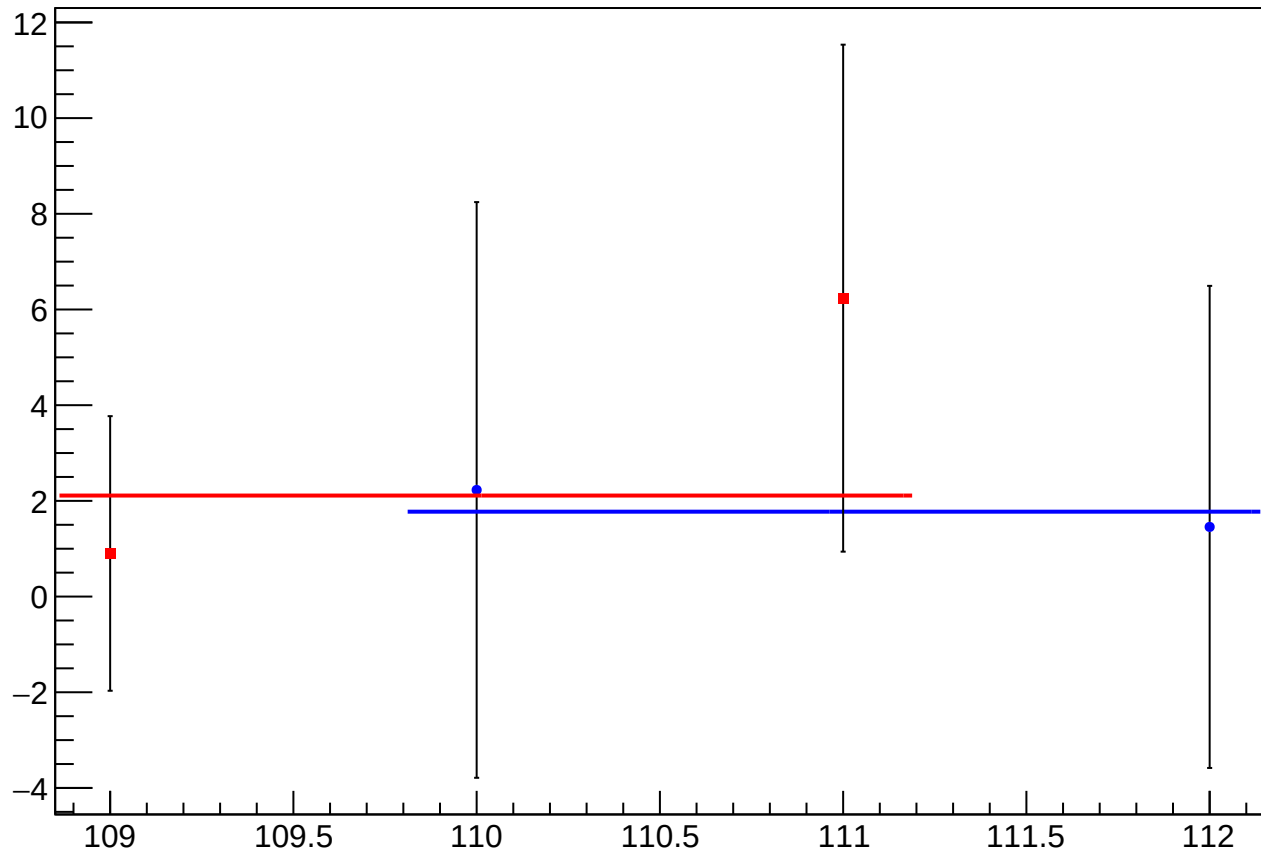
Right: 1563.323+/-0.849 χ^2/NDF : 108233.0/3

In: 1820.356+/-1.380 χ^2/NDF : 279.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1563.323+/-0.849 χ^2/NDF : 108233.0/3

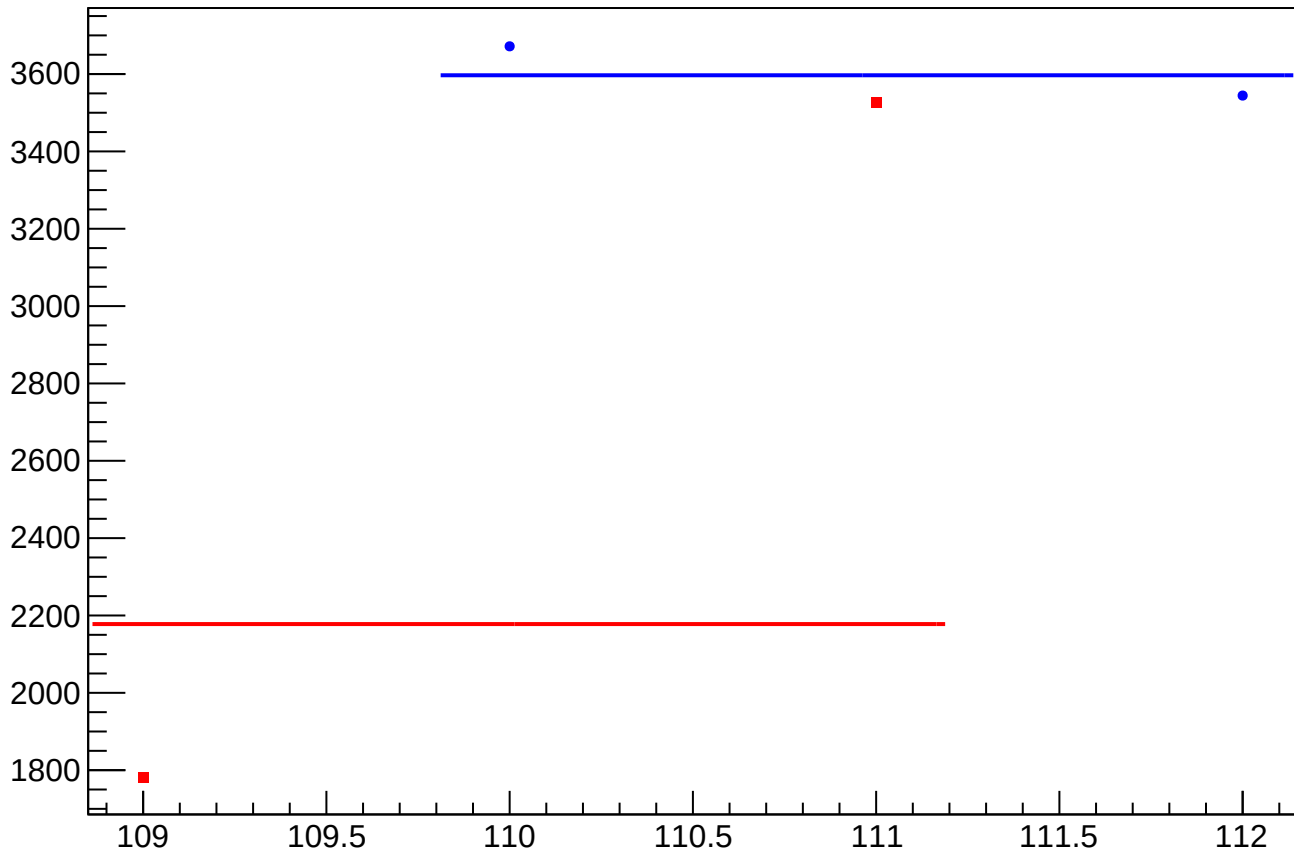
diff_bpm1p02bY_mean vs Slug, Sign Corrected



Right In: 1.774+/-3.863 χ^2/NDF : 0.0/1
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 2.111+/-2.523 χ^2/NDF : 0.8/1
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 2.010+/-2.113 χ^2/NDF : 0.8/3
In: 1.774+/-3.863 χ^2/NDF : 0.0/1
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 2.010+/-2.113 χ^2/NDF : 0.8/3

diff_bpm1p02bY_rms vs Slug, Sign Corrected



Right In: 3596.882 $\pm$ 2.731 χ^2 /NDF: 526.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2177.800 $\pm$ 1.784 χ^2 /NDF: 167459.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

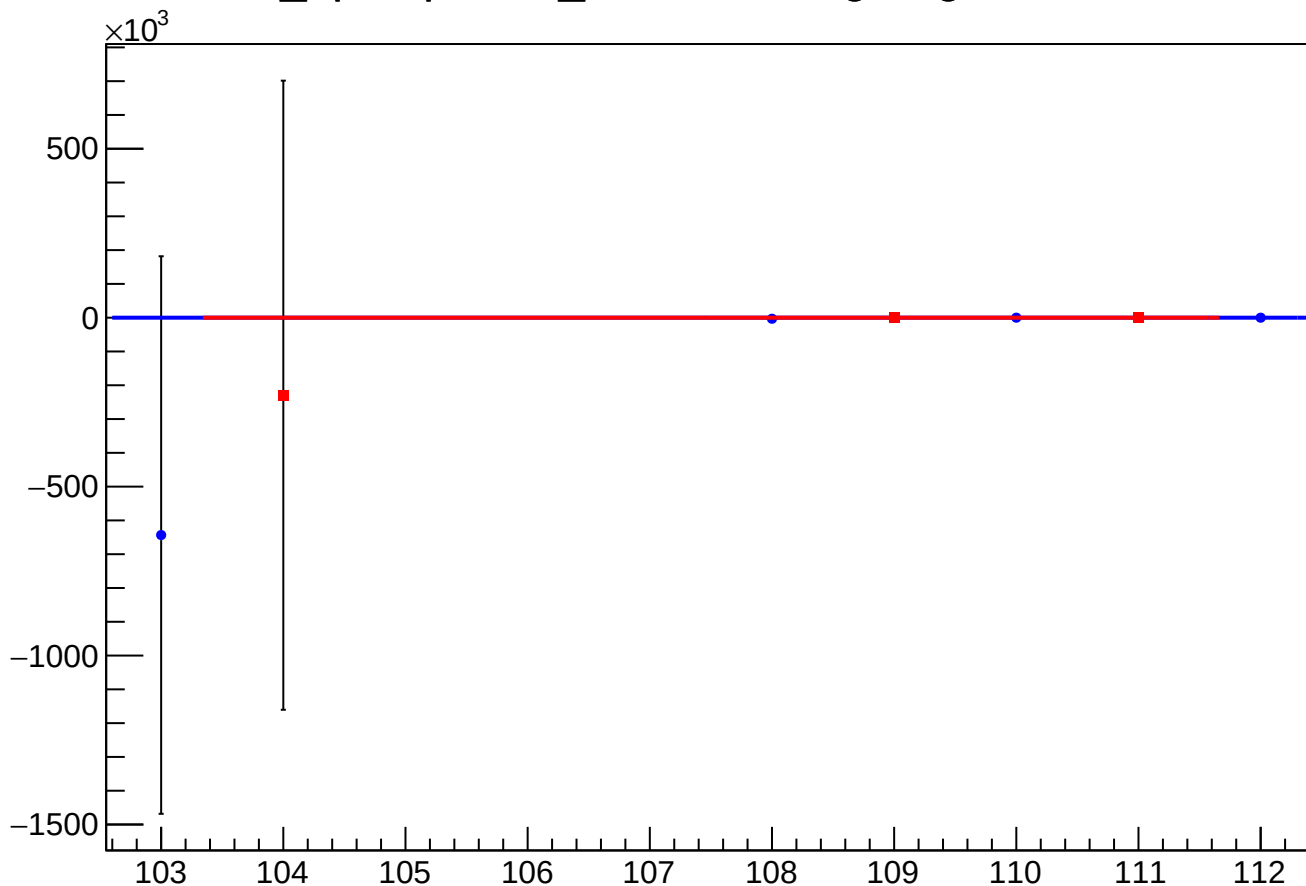
Right: 2602.275 $\pm$ 1.494 χ^2 /NDF: 357194.5/3

In: 3596.882 $\pm$ 2.731 χ^2 /NDF: 526.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2602.275 $\pm$ 1.494 χ^2 /NDF: 357194.5/3

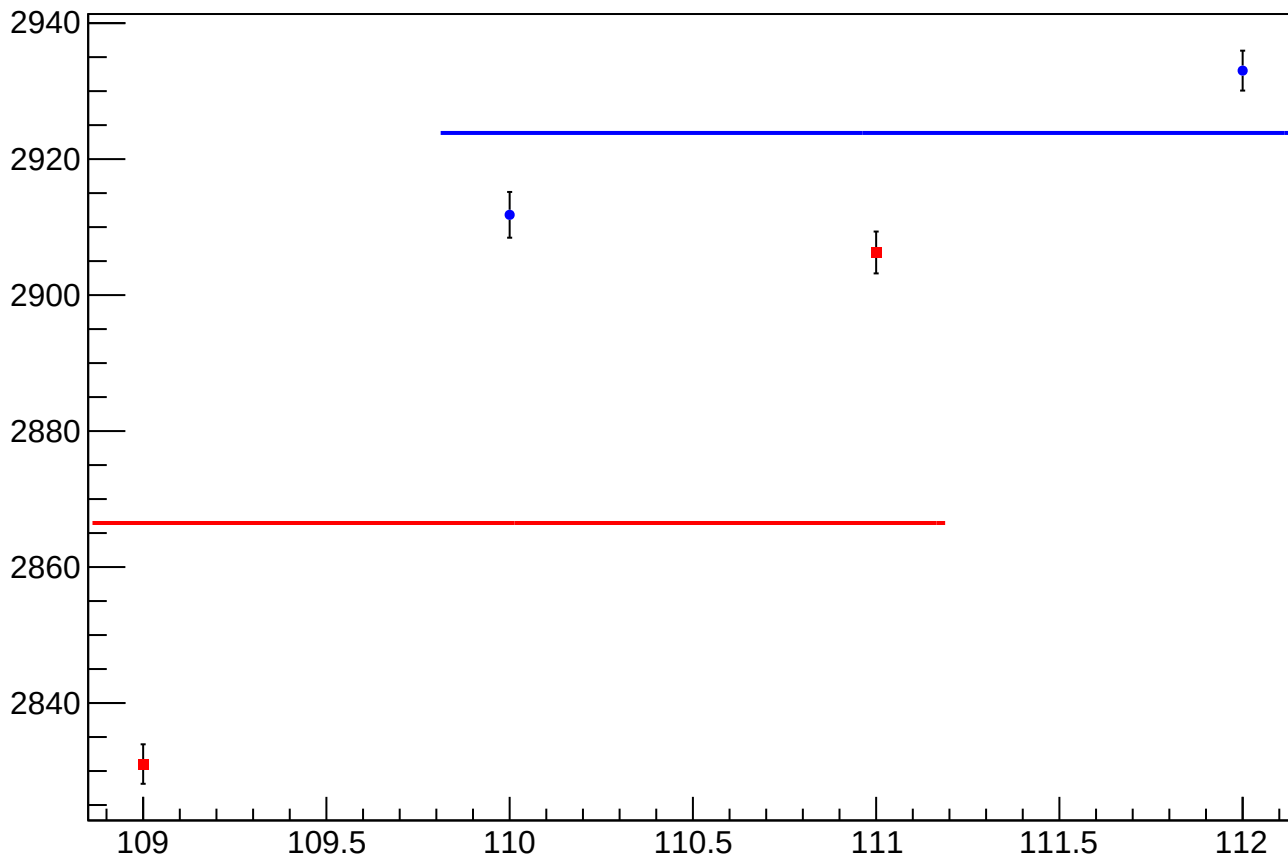
diff_bpm1p03aX_mean vs Slug, Sign Corrected



Right In: 5.538 $\pm$ 3.128 χ^2 /NDF: 2.6/3
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 0.381 $\pm$ 2.988 χ^2 /NDF: 0.3/2
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 2.841 $\pm$ 2.161 χ^2 /NDF: 4.3/6
 In: 5.538 $\pm$ 3.128 χ^2 /NDF: 2.6/3
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 2.841 $\pm$ 2.161 χ^2 /NDF: 4.3/6

diff_bpm1p03aX_rms vs Slug, Sign Corrected



Right In: 2923.849 $\pm$ 2.212 χ^2 /NDF: 22.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2866.480 $\pm$ 2.113 χ^2 /NDF: 316.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

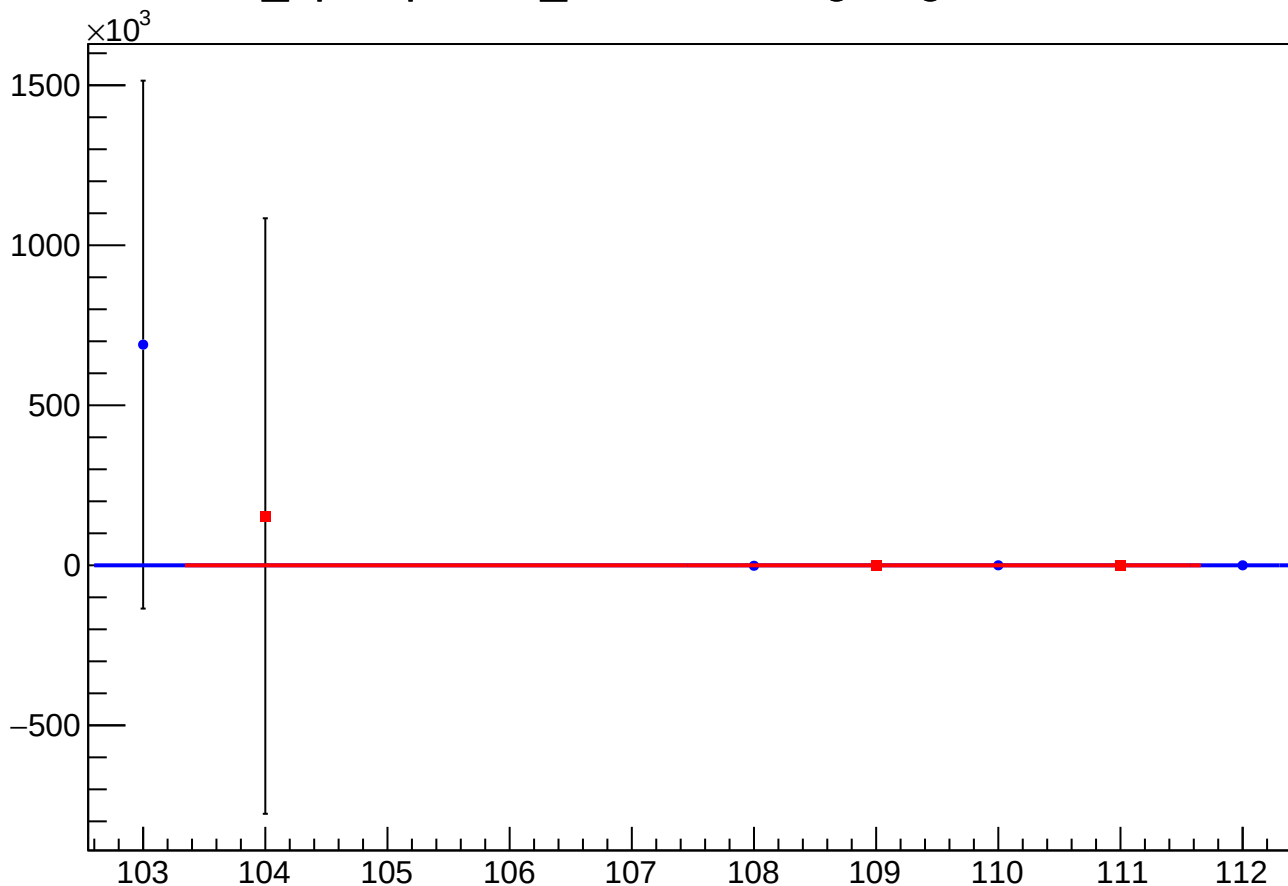
Right: 2893.847 $\pm$ 1.528 χ^2 /NDF: 690.5/3

In: 2923.849 $\pm$ 2.212 χ^2 /NDF:22.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2893.847 $\pm$ 1.528 χ^2 /NDF: 690.5/3

diff_bpm1p03aY_mean vs Slug, Sign Corrected



Right In: 0.067+/-3.296 χ^2/NDF : 1.1/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.450+/-2.112 χ^2/NDF : 1.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

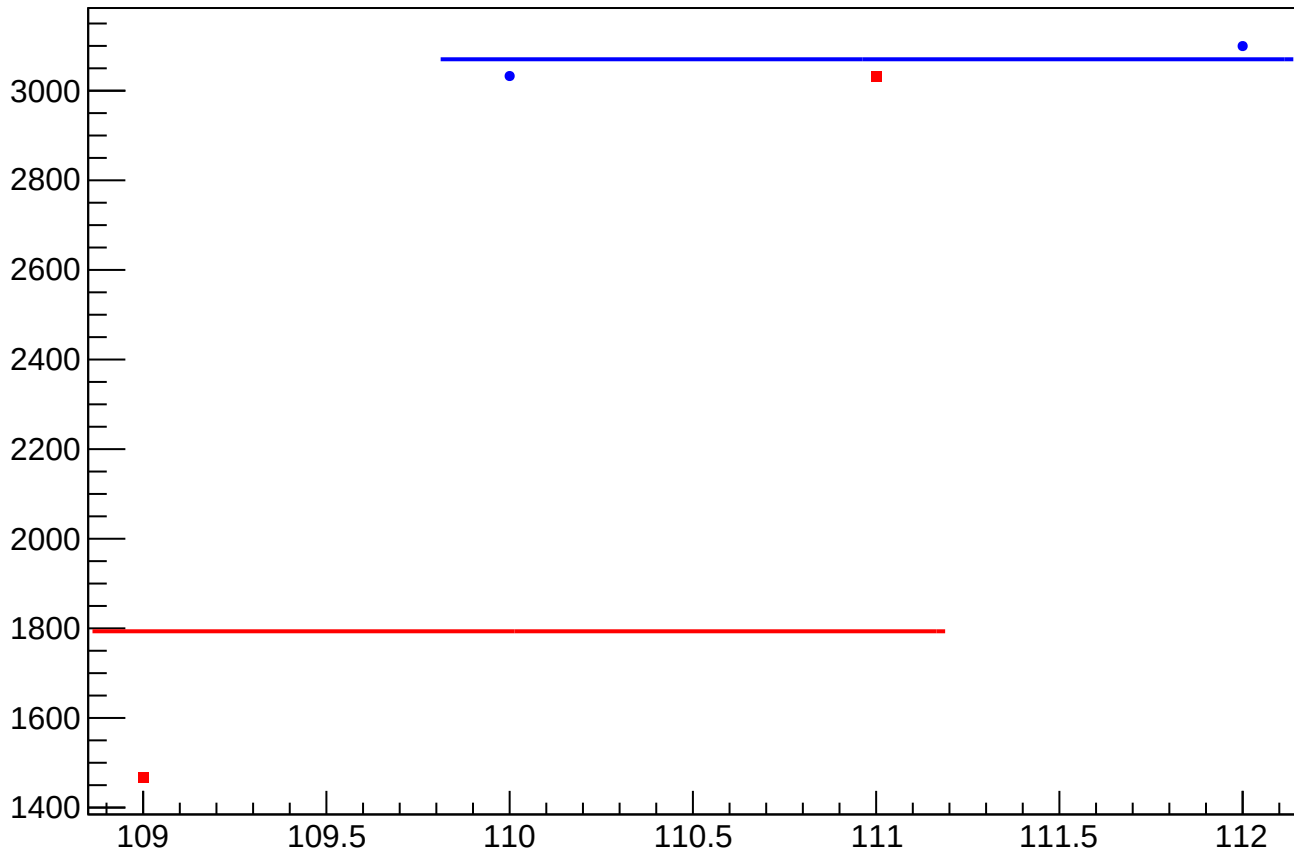
Right: 1.757+/-1.778 χ^2/NDF : 2.5/6

In: 0.067+/-3.296 χ^2/NDF : 1.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.757+/-1.778 χ^2/NDF : 2.5/6

diff_bpm1p03aY_rms vs Slug, Sign Corrected



Right In: 3070.154+/-2.331 χ^2/NDF : 202.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1793.451+/-1.493 χ^2/NDF : 180699.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

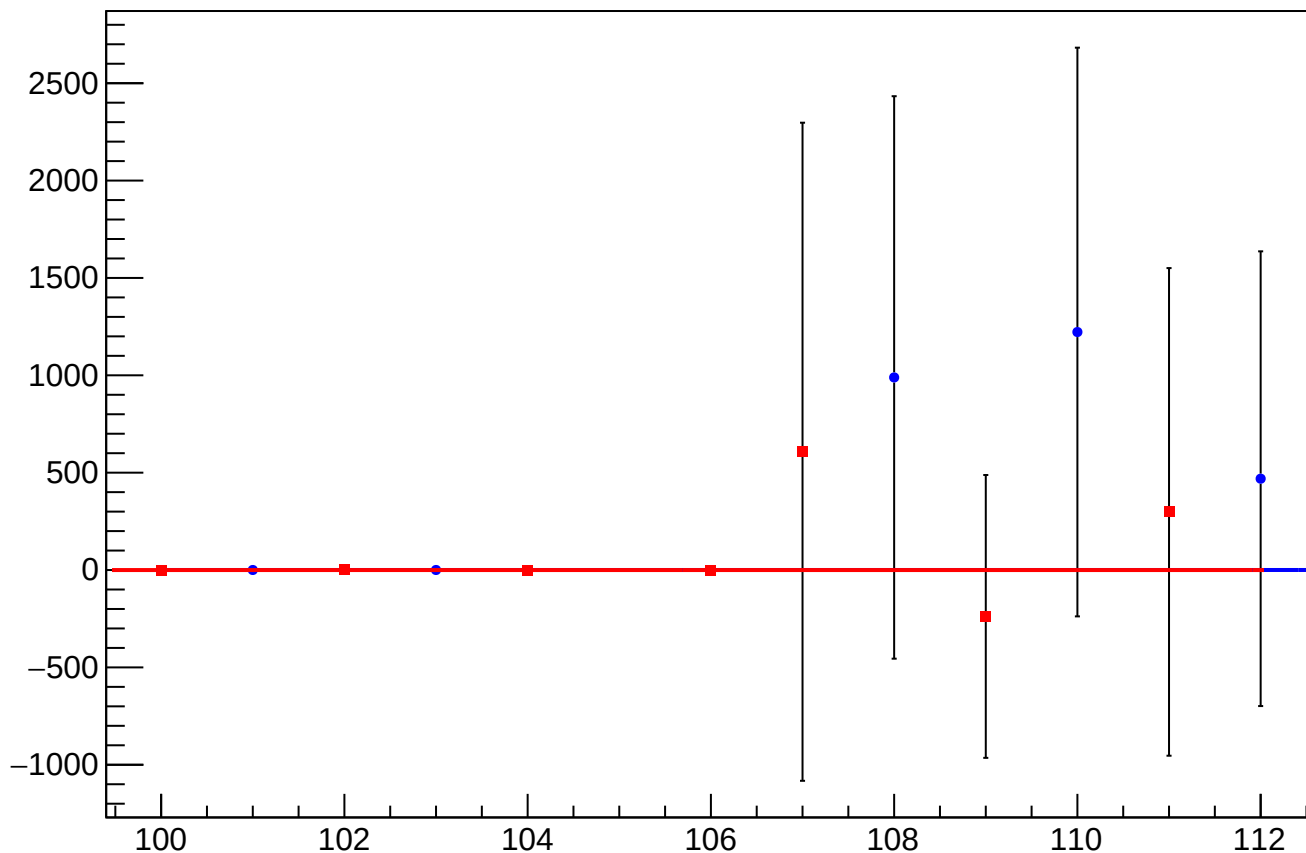
Right: 2165.036+/-1.257 χ^2/NDF : 393635.6/3

In: 3070.154+/-2.331 χ^2/NDF : 202.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2165.036+/-1.257 χ^2/NDF : 393635.6/3

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.256+/-0.356 χ^2/NDF : 1.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.096+/-0.328 χ^2/NDF : 3.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

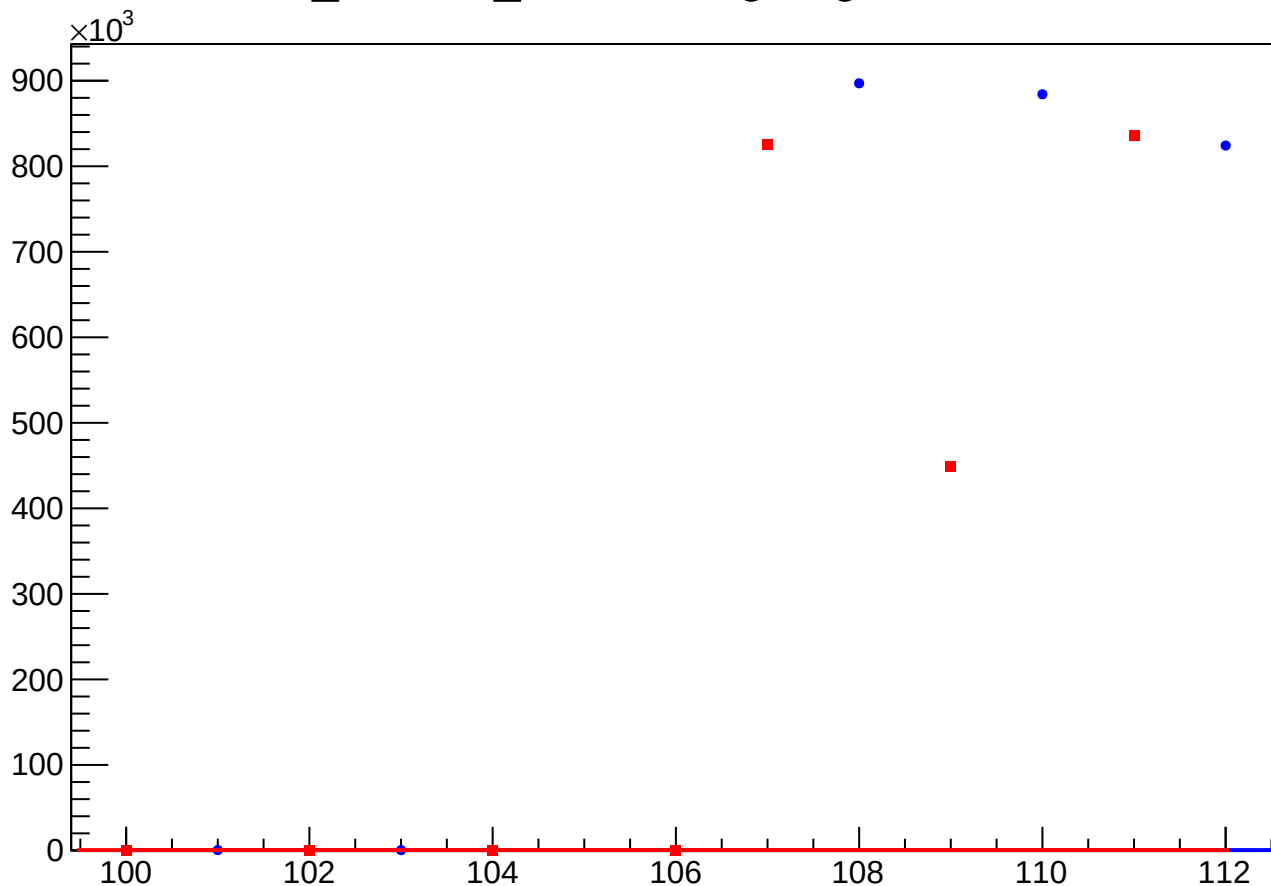
Right: 0.066+/-0.241 χ^2/NDF : 5.7/11

In: 0.256+/-0.356 χ^2/NDF : 1.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.066+/-0.241 χ^2/NDF : 5.7/11

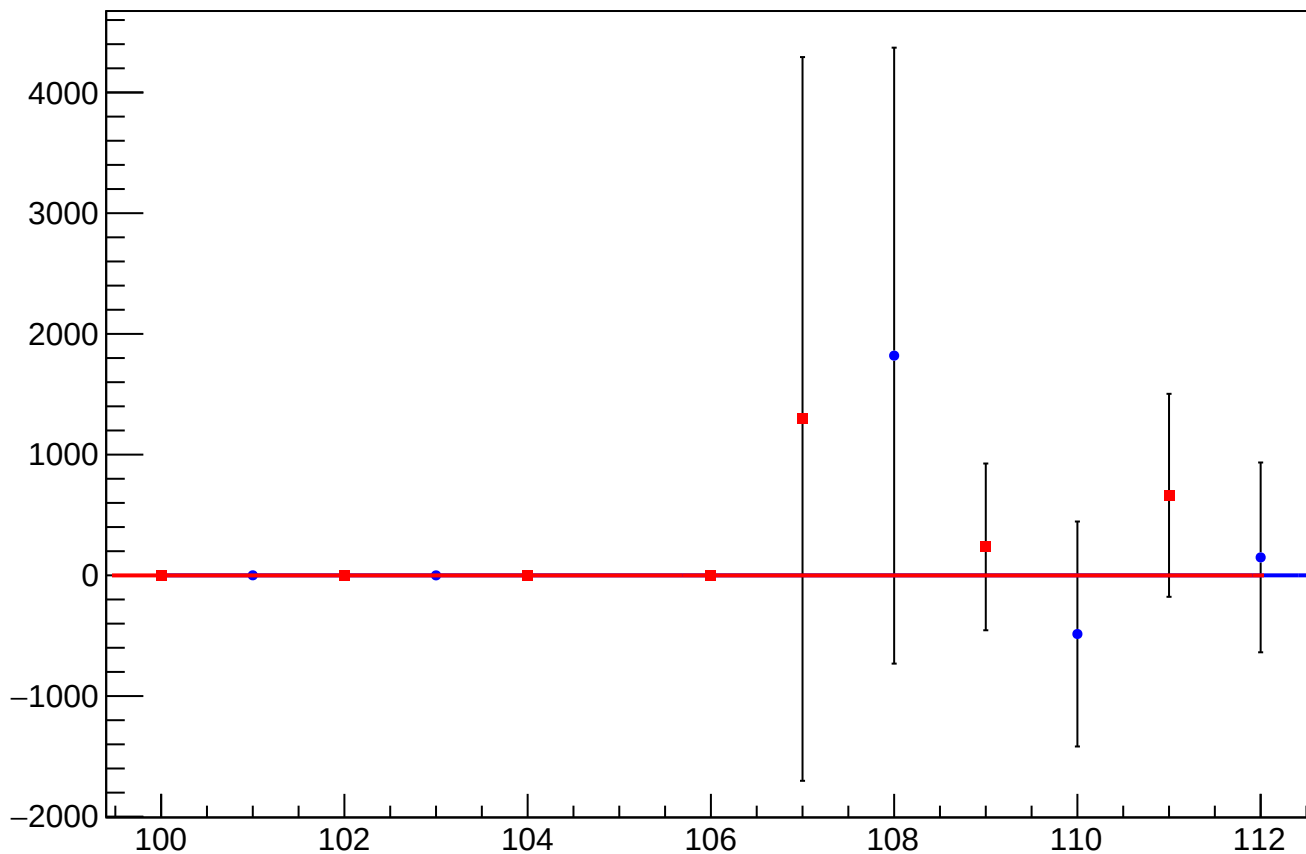
diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 398.354 $\pm$ 0.251 χ^2/NDF : 2428740.2/4
 Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right Out: 392.854 $\pm$ 0.232 χ^2/NDF : 2112529.3/6
 Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right: 395.380 $\pm$ 0.170 χ^2/NDF : 4541528.2/11
 In: 398.354 $\pm$ 0.251 χ^2/NDF : 2428740.2/4
 Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: 395.380 $\pm$ 0.170 χ^2/NDF : 4541528.2/11

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.347 χ^2/NDF : 1.5/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.598 ± 0.324 χ^2/NDF : 1.0/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

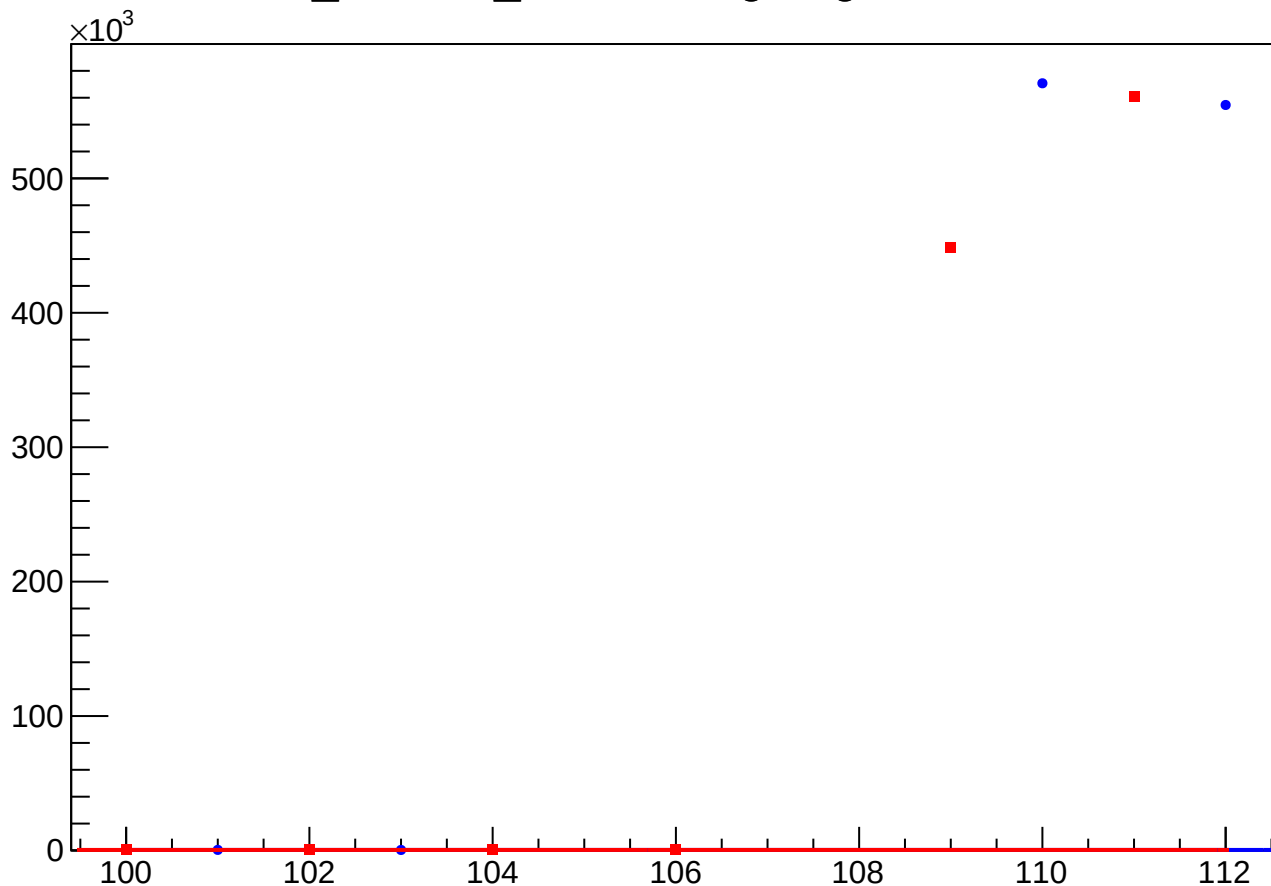
Right: -0.329 ± 0.237 χ^2/NDF : 4.0/11

In: -0.020 ± 0.347 χ^2/NDF : 1.5/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.329 ± 0.237 χ^2/NDF : 4.0/11

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 388.853 $\pm$ 0.245 χ^2/NDF : 1756027.3/3

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 386.756 $\pm$ 0.229 χ^2/NDF : 1729595.4/5

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

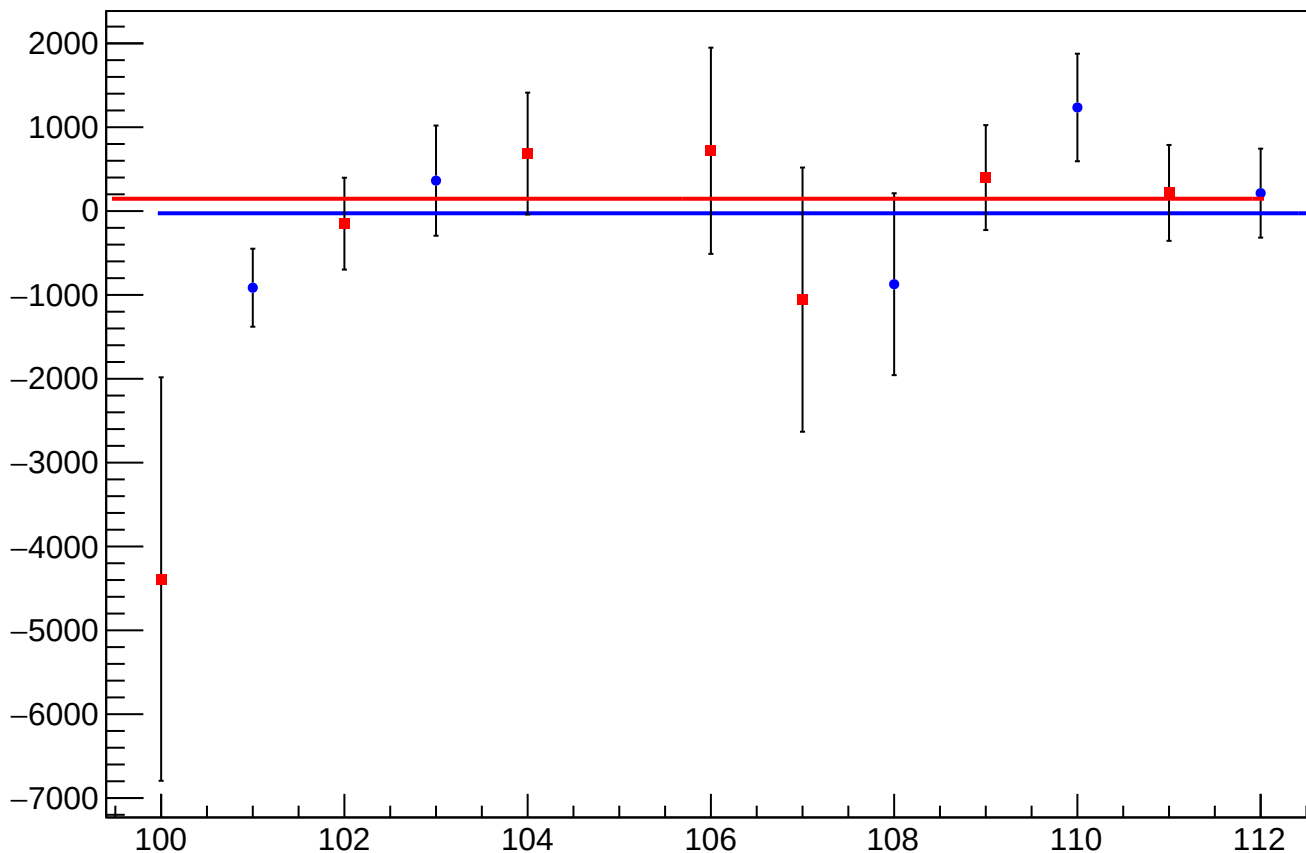
Right: 387.732 $\pm$ 0.167 χ^2/NDF : 3485661.7/9

In: 388.853 $\pm$ 0.245 χ^2/NDF : 1756027.3/3

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 387.732 $\pm$ 0.167 χ^2/NDF : 3485661.7/9

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: -26.272 ± 269.466 $\chi^2/\text{NDF}: 8.7/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 147.010 ± 287.720 $\chi^2/\text{NDF}: 5.4/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

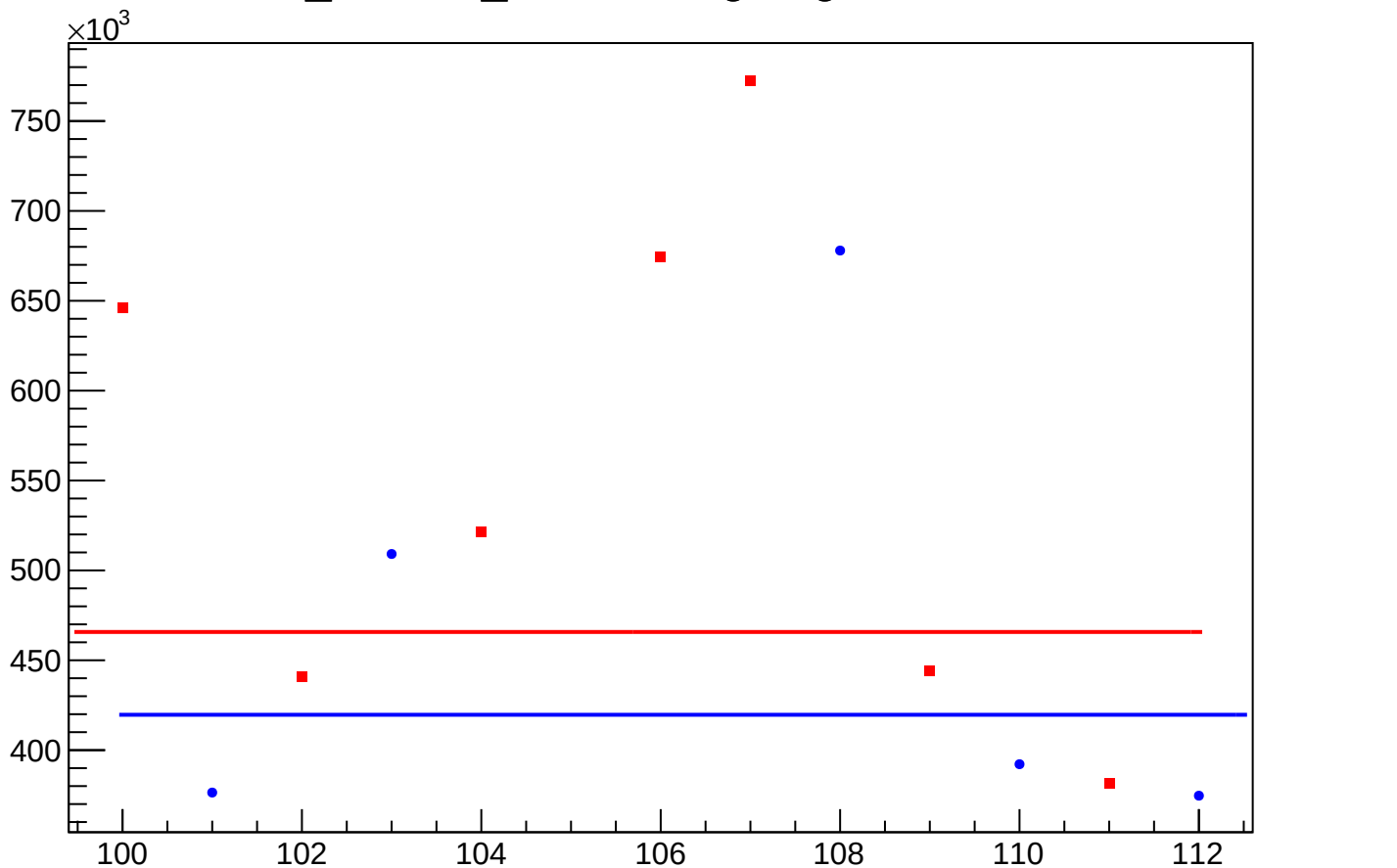
Right: 54.698 ± 196.678 $\chi^2/\text{NDF}: 14.2/11$

In: -26.272 ± 269.466 $\chi^2/\text{NDF}: 8.7/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

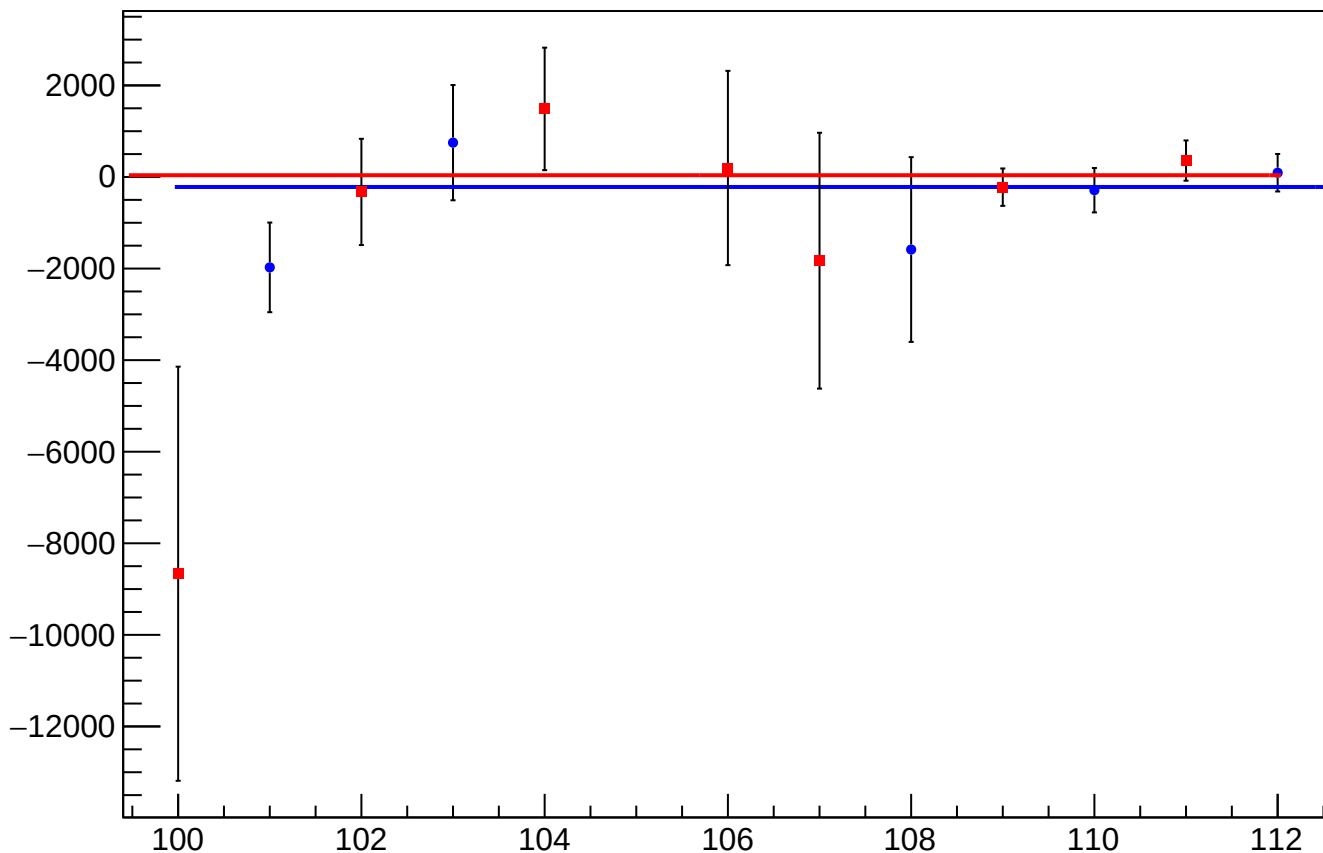
All: 54.698 ± 196.678 $\chi^2/\text{NDF}: 14.2/11$

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 419675.726 $\pm$ 190.541 χ^2/NDF : 185878.4/4
 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: 441184.253 $\pm$ 139.128 χ^2/NDF : 417559.9/11
 Right Out: 465747.647 $\pm$ 203.623 χ^2/NDF : 204387.3/6
 In: 419675.726 $\pm$ 190.541 χ^2/NDF : 185878.4/4
 Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: 441184.253 $\pm$ 139.128 χ^2/NDF : 417559.9/11

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -218.159+/-287.068 χ^2/NDF : 4.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.587+/-278.637 χ^2/NDF : 6.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

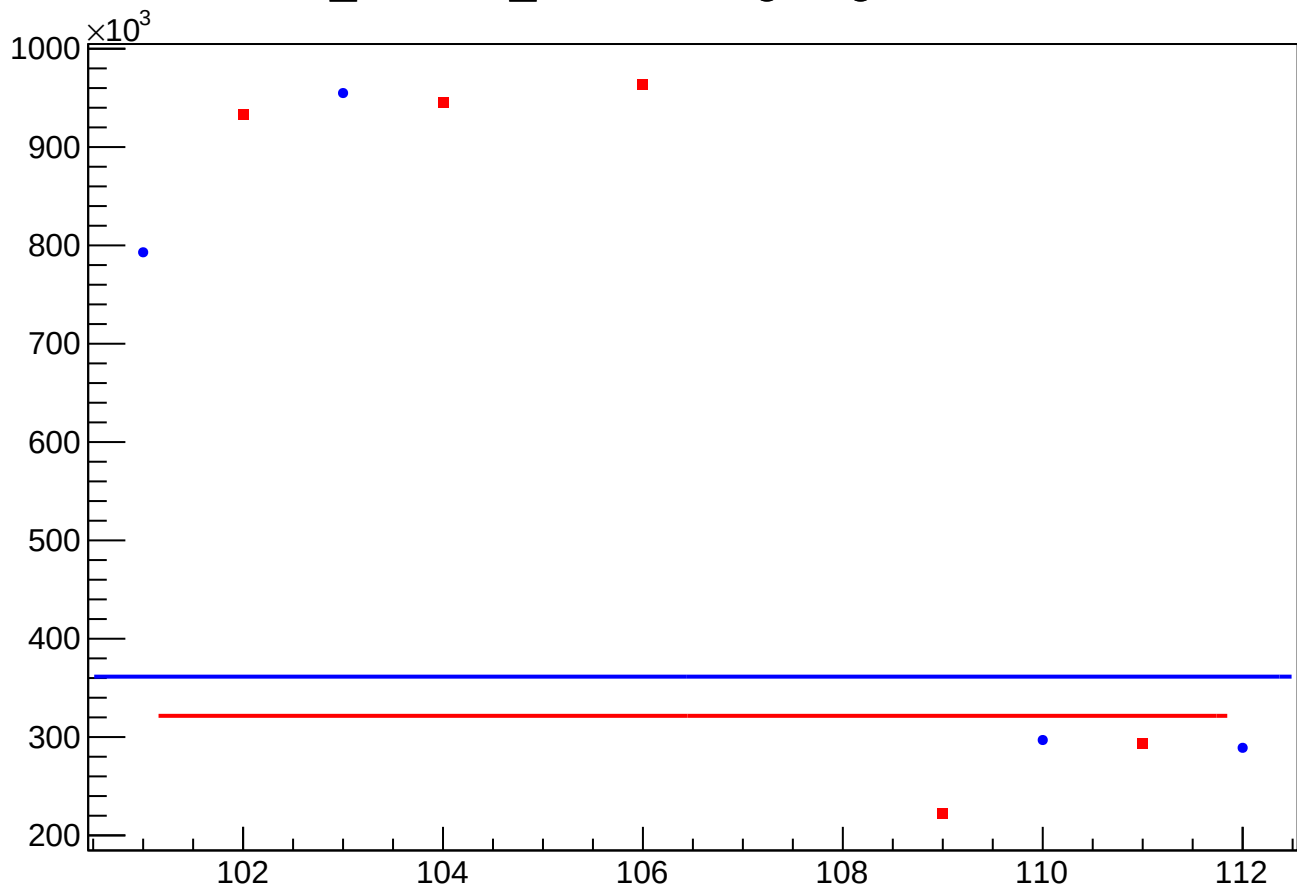
Right: -85.960+/-199.940 χ^2/NDF : 11.6/11

In: -218.159+/-287.068 χ^2/NDF : 4.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -85.960+/-199.940 χ^2/NDF : 11.6/11

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 361441.982+/-206.828 χ^2/NDF : 789525.5/3

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 321583.826+/-202.177 χ^2/NDF : 1025023.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

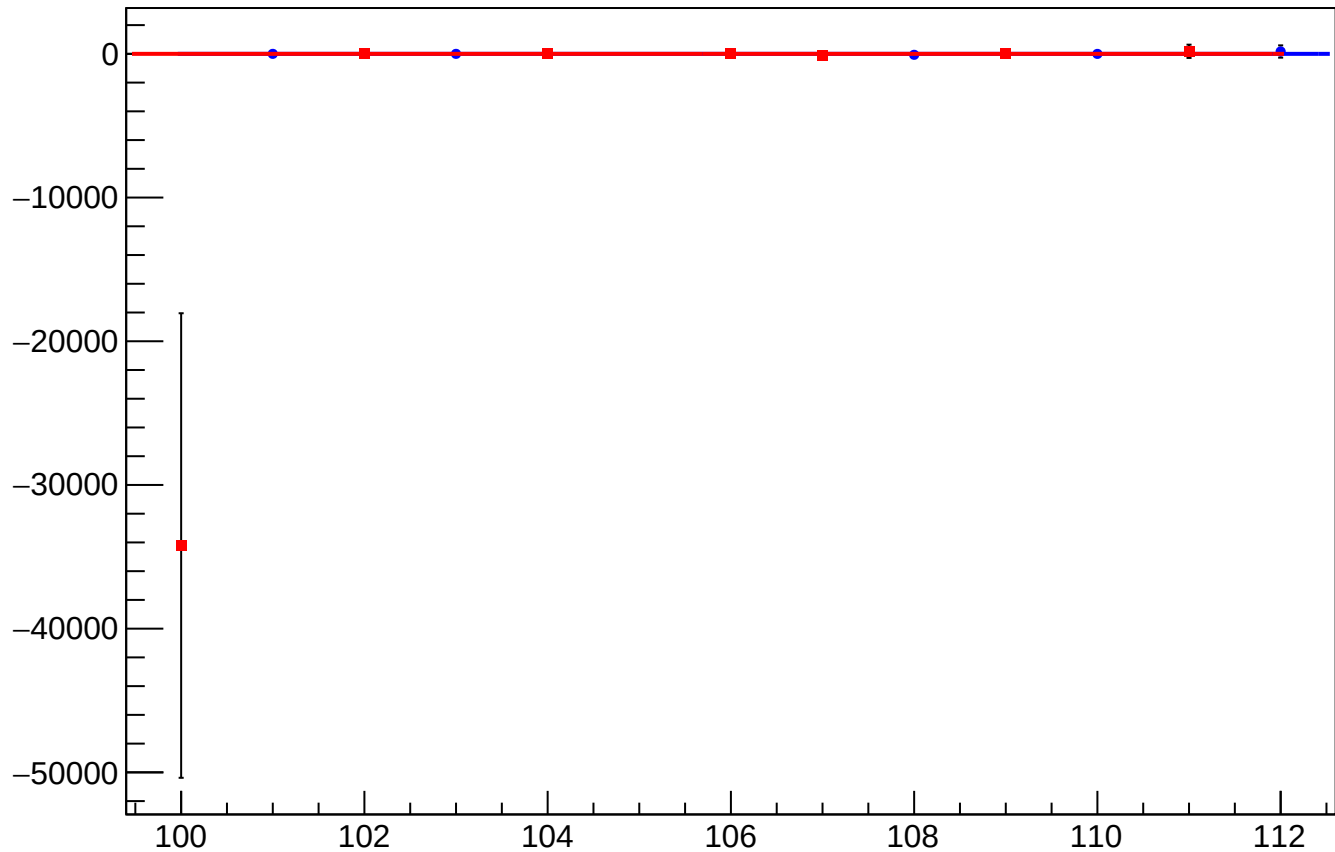
Right: 341059.704+/-144.577 χ^2/NDF : 1833539.7/8

In: 361441.982+/-206.828 χ^2/NDF : 789525.5/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 341059.704+/-144.577 χ^2/NDF : 1833539.7/8

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.035+/-0.172 χ^2/NDF : 1.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.355+/-0.160 χ^2/NDF : 5.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

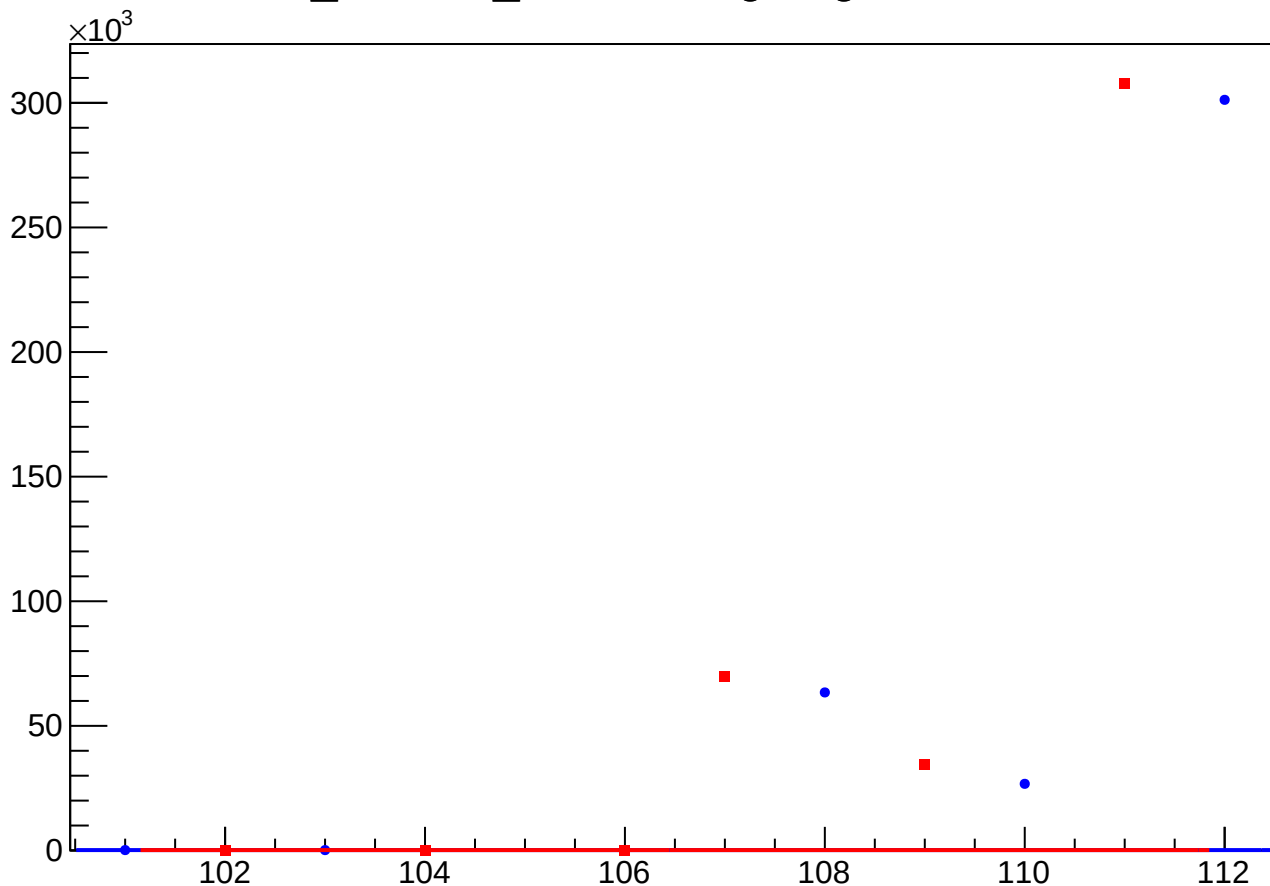
Right: 0.174+/-0.117 χ^2/NDF : 9.3/11

In: -0.035+/-0.172 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.174+/-0.117 χ^2/NDF : 9.3/11

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 148.669 ± 0.122 χ^2/NDF : 2050416.0/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 149.028 ± 0.113 χ^2/NDF : 1974089.8/5

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

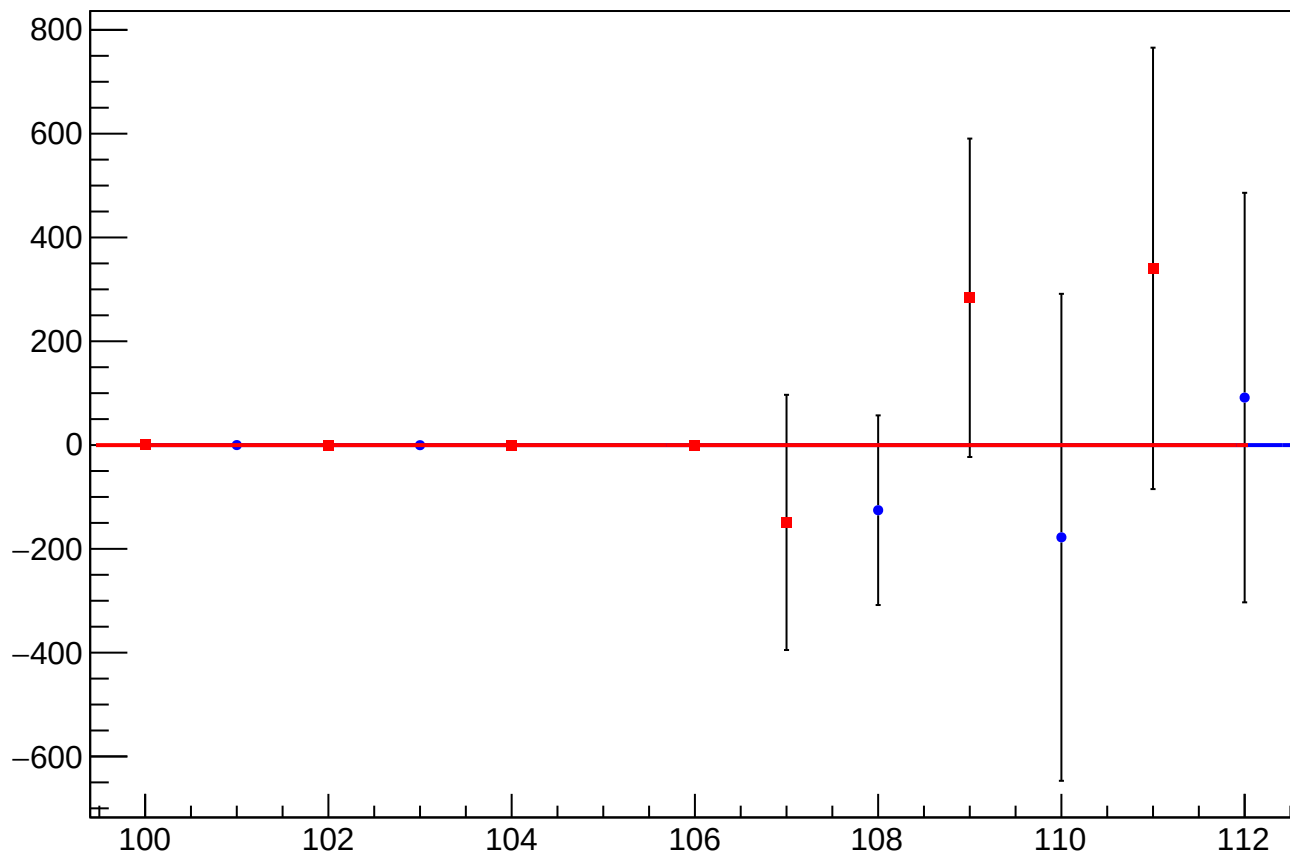
Right: 148.862 ± 0.083 χ^2/NDF : 4024510.4/10

In: 148.669 ± 0.122 χ^2/NDF : 2050416.0/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 148.862 ± 0.083 χ^2/NDF : 4024510.4/10

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: -0.068 ± 0.177 χ^2/NDF : 0.8/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.126 ± 0.166 χ^2/NDF : 2.1/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

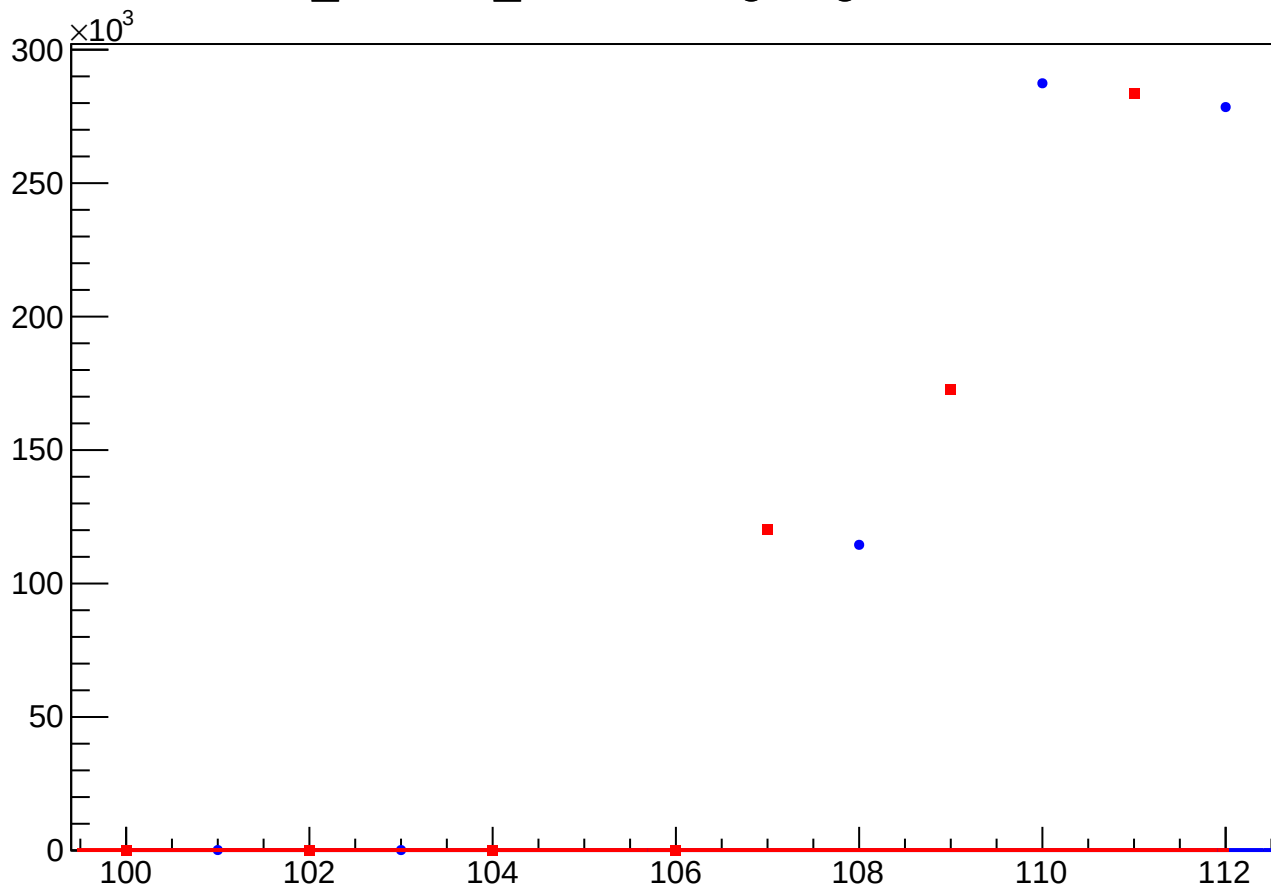
Right: -0.098 ± 0.121 χ^2/NDF : 2.9/11

In: -0.068 ± 0.177 χ^2/NDF : 0.8/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.098 ± 0.121 χ^2/NDF : 2.9/11

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 152.719 $\pm$ 0.125 χ^2/NDF : 2529246.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 155.503 $\pm$ 0.118 χ^2/NDF : 1991478.6/6

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

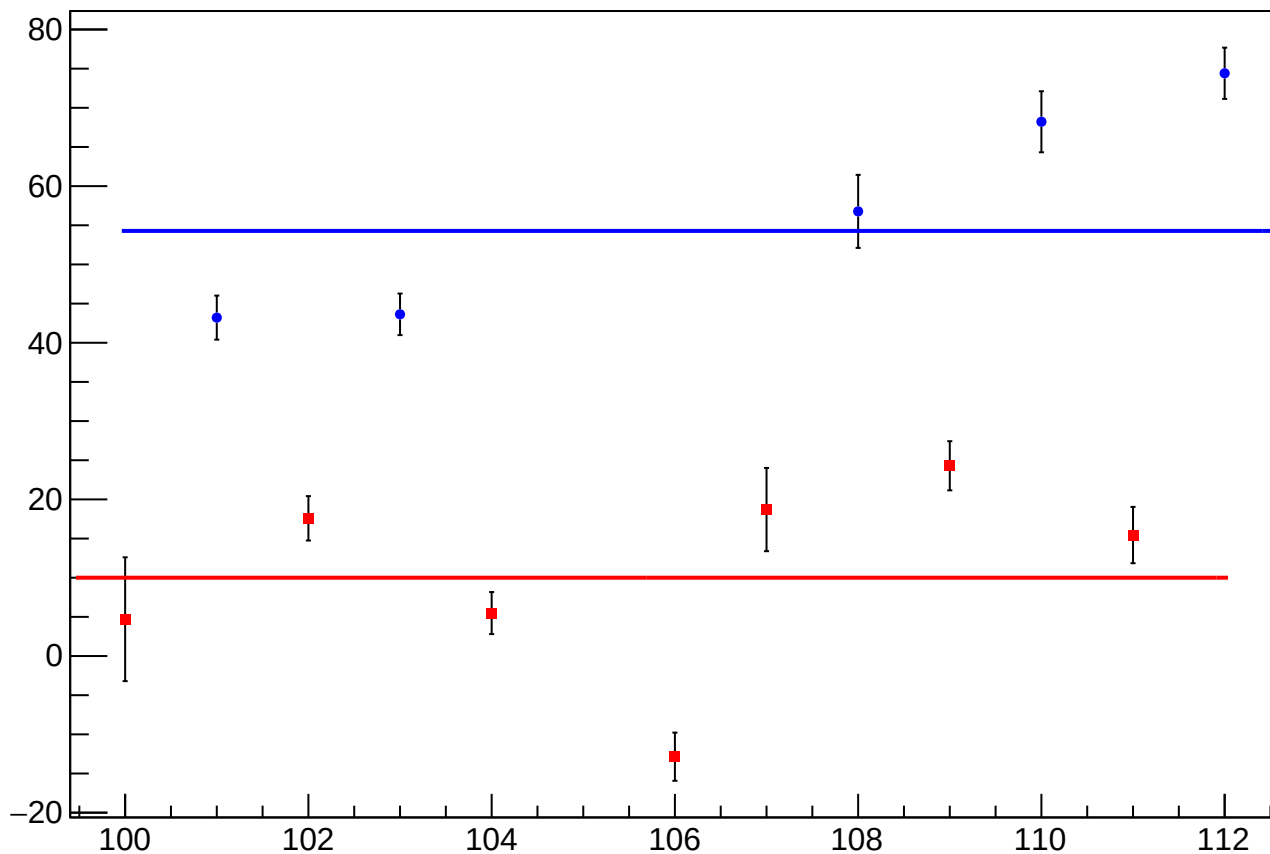
Right: 154.198 $\pm$ 0.086 χ^2/NDF : 4520987.4/11

In: 152.719 $\pm$ 0.125 χ^2/NDF : 2529246.7/4

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 154.198 $\pm$ 0.086 χ^2/NDF : 4520987.4/11

diff_bpm0i01X_mean vs Slug, Sign Corrected



Right In: 54.281+/-1.452 χ^2/NDF : 82.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.004+/-1.292 χ^2/NDF : 91.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

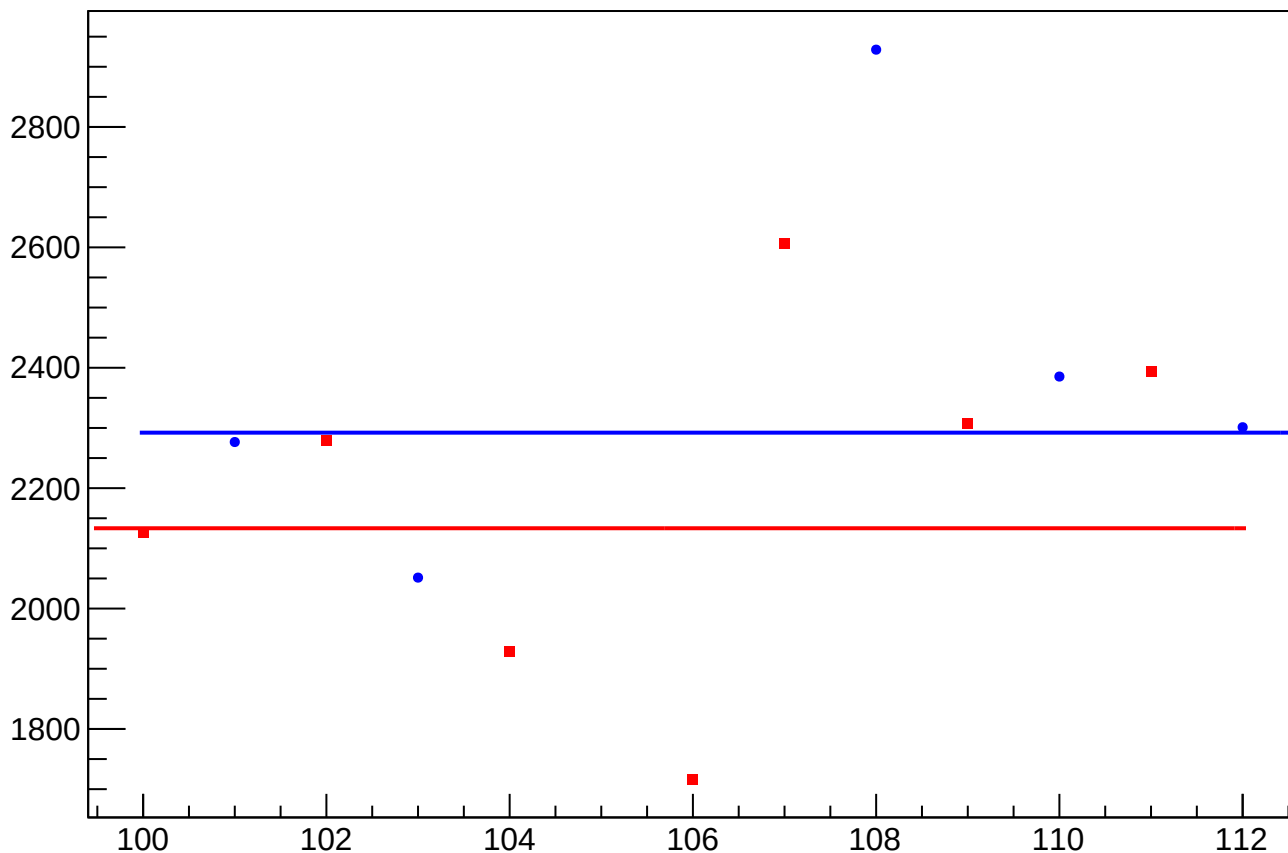
Right: 29.566+/-0.965 χ^2/NDF : 693.0/11

In: 54.281+/-1.452 χ^2/NDF : 82.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.566+/-0.965 χ^2/NDF : 693.0/11

diff_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 2292.205+/-1.027 χ^2/NDF : 54940.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2133.402+/-0.913 χ^2/NDF : 86198.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

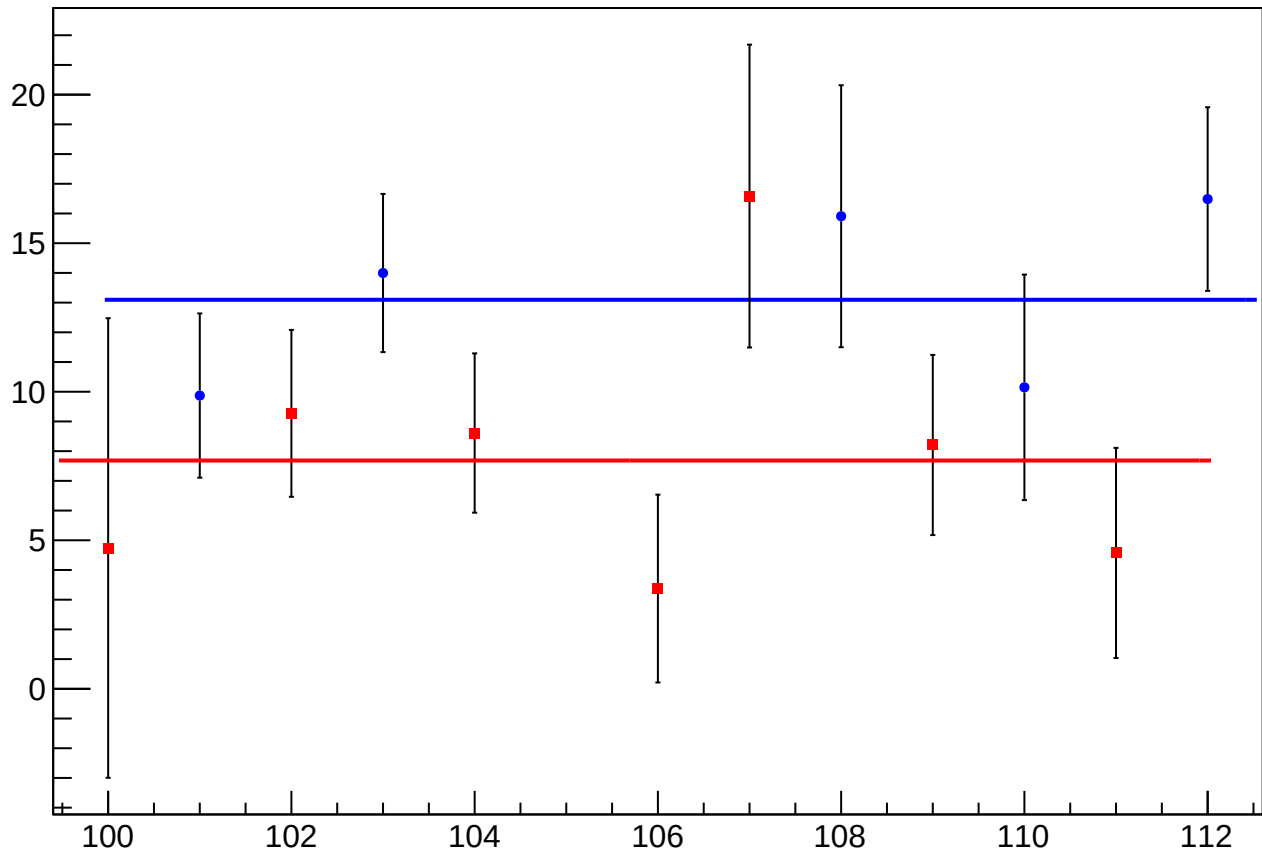
Right: 2203.562+/-0.682 χ^2/NDF : 154490.8/11

In: 2292.205+/-1.027 χ^2/NDF : 54940.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2203.562+/-0.682 χ^2/NDF : 154490.8/11

diff_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: 13.096+/-1.418 χ^2/NDF : 3.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.685+/-1.281 χ^2/NDF : 6.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

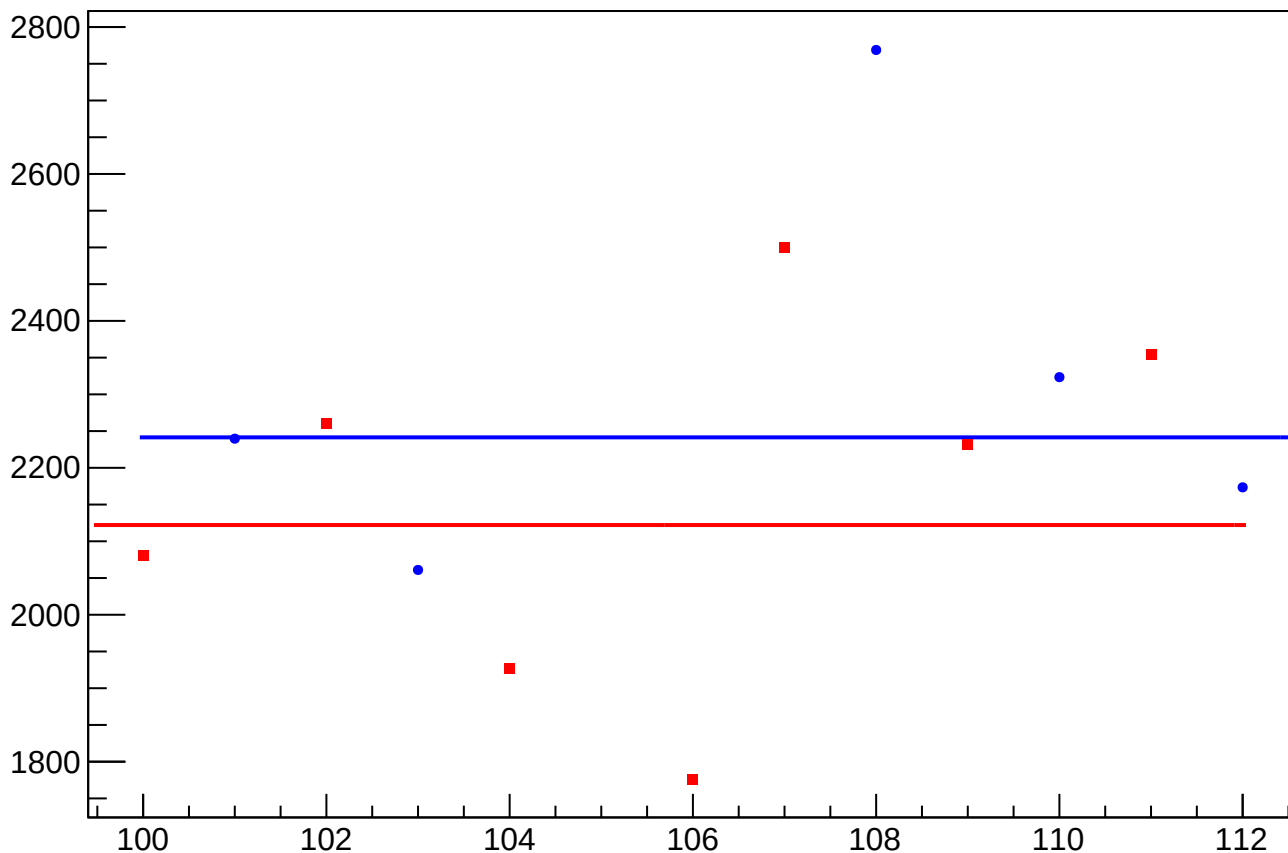
Right: 10.116+/-0.950 χ^2/NDF : 18.0/11

In: 13.096+/-1.418 χ^2/NDF : 3.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.116+/-0.950 χ^2/NDF : 18.0/11

diff_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 2241.471+/-1.003 χ^2/NDF : 39701.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2122.119+/-0.905 χ^2/NDF : 61746.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

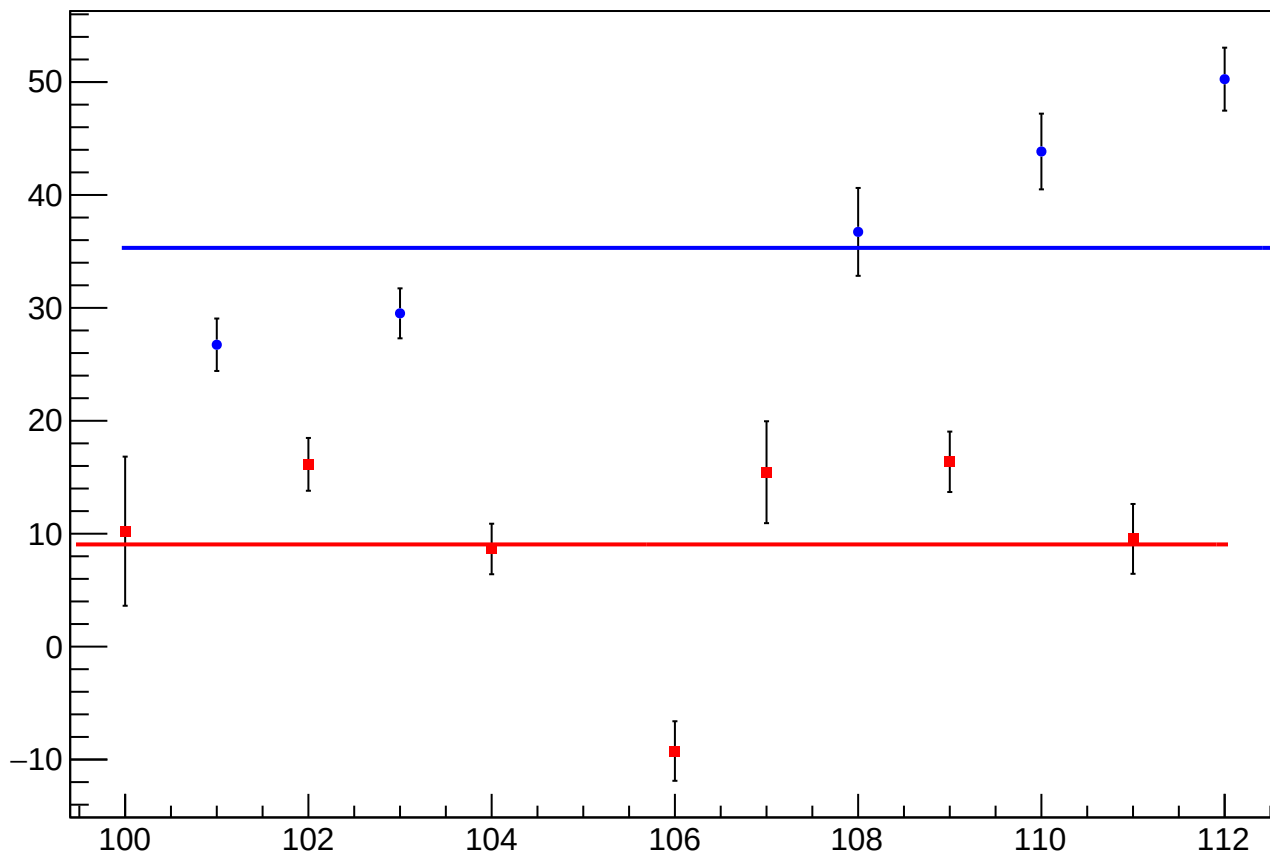
Right: 2175.736+/-0.672 χ^2/NDF : 109253.4/11

In: 2241.471+/-1.003 χ^2/NDF : 39701.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2175.736+/-0.672 χ^2/NDF : 109253.4/11

diff_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: 35.314+/-1.219 χ^2/NDF : 55.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.050+/-1.089 χ^2/NDF : 66.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

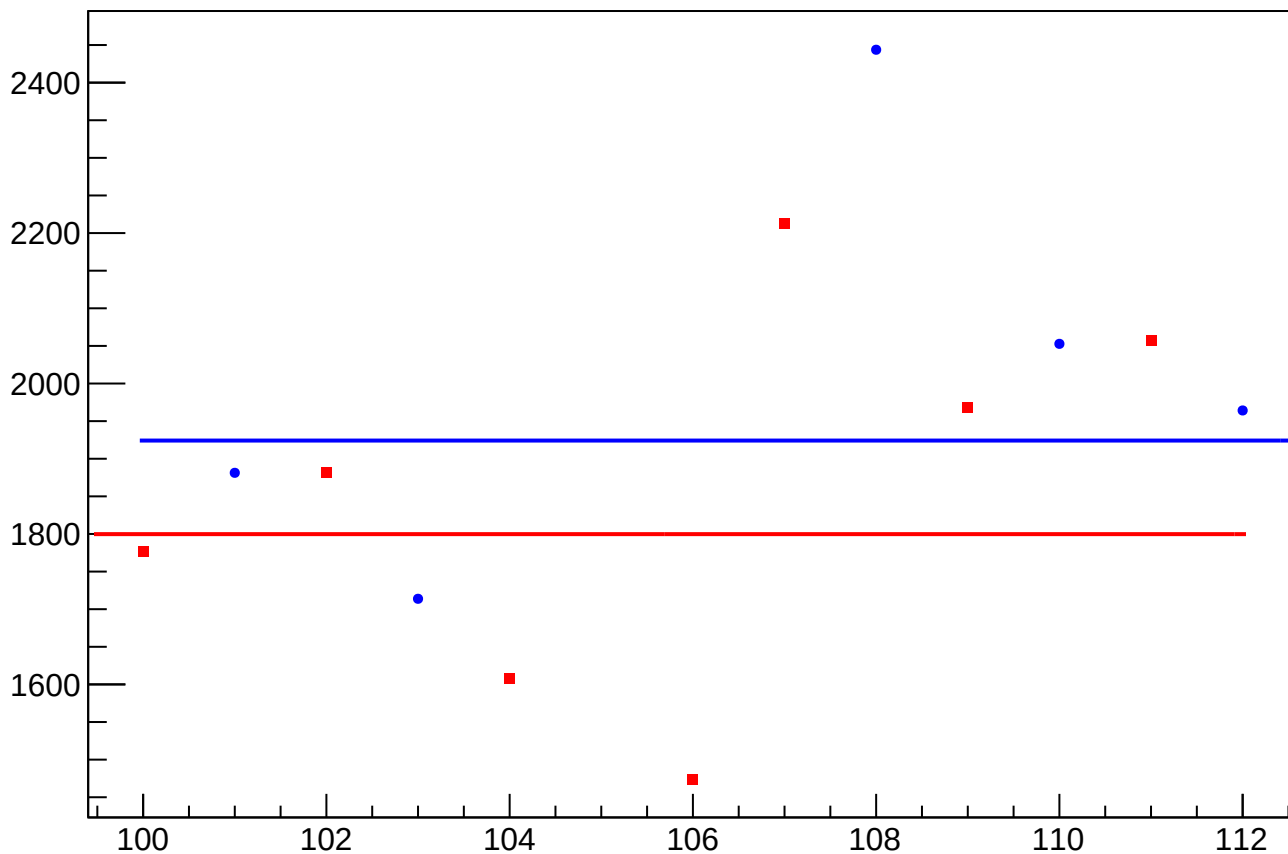
Right: 20.713+/-0.812 χ^2/NDF : 380.9/11

In: 35.314+/-1.219 χ^2/NDF : 55.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.713+/-0.812 χ^2/NDF : 380.9/11

diff_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 1924.175+/-0.862 χ^2/NDF : 57747.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1799.775+/-0.770 χ^2/NDF : 86346.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

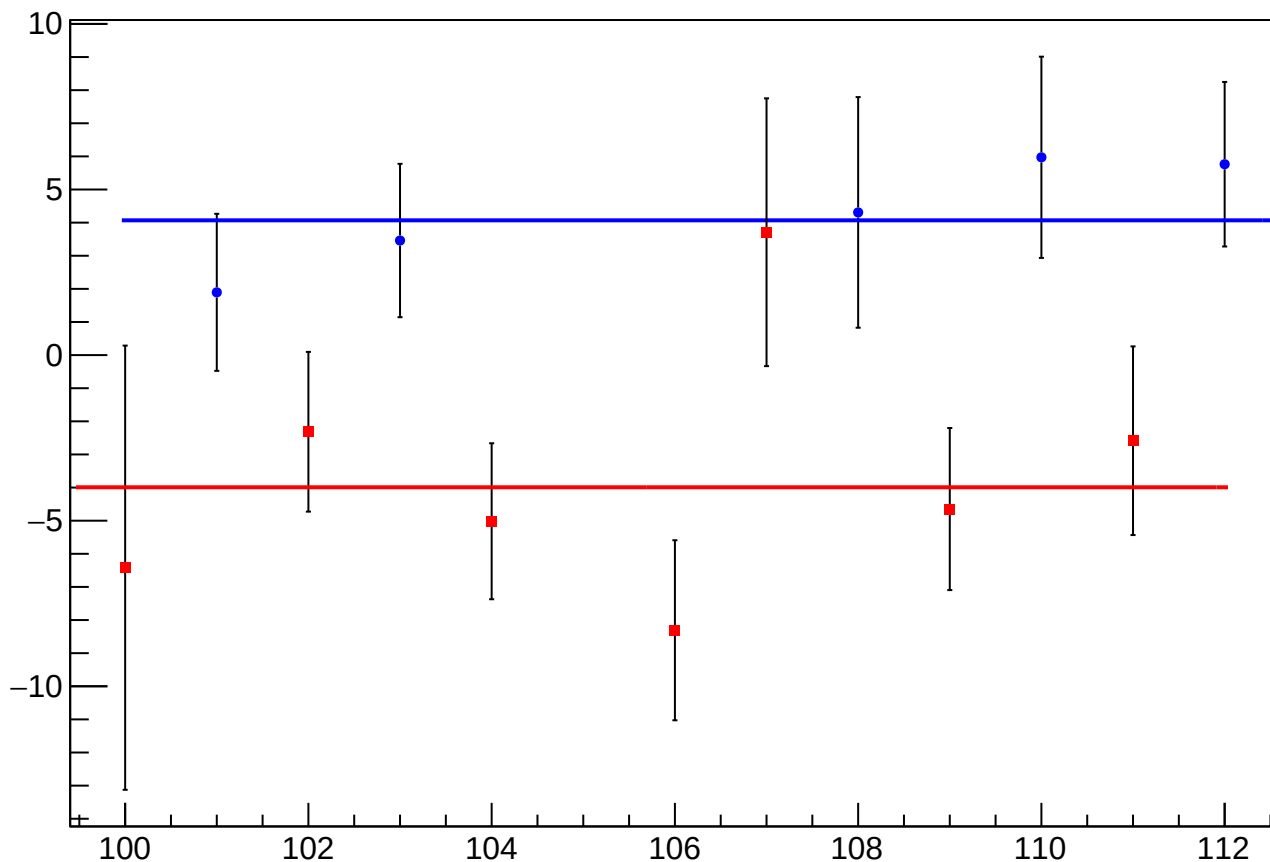
Right: 1855.017+/-0.574 χ^2/NDF : 155675.5/11

In: 1924.175+/-0.862 χ^2/NDF : 57747.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1855.017+/-0.574 χ^2/NDF : 155675.5/11

diff_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 4.070 ± 1.181 $\chi^2/\text{NDF}: 1.8/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -3.991 ± 1.078 $\chi^2/\text{NDF}: 7.3/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

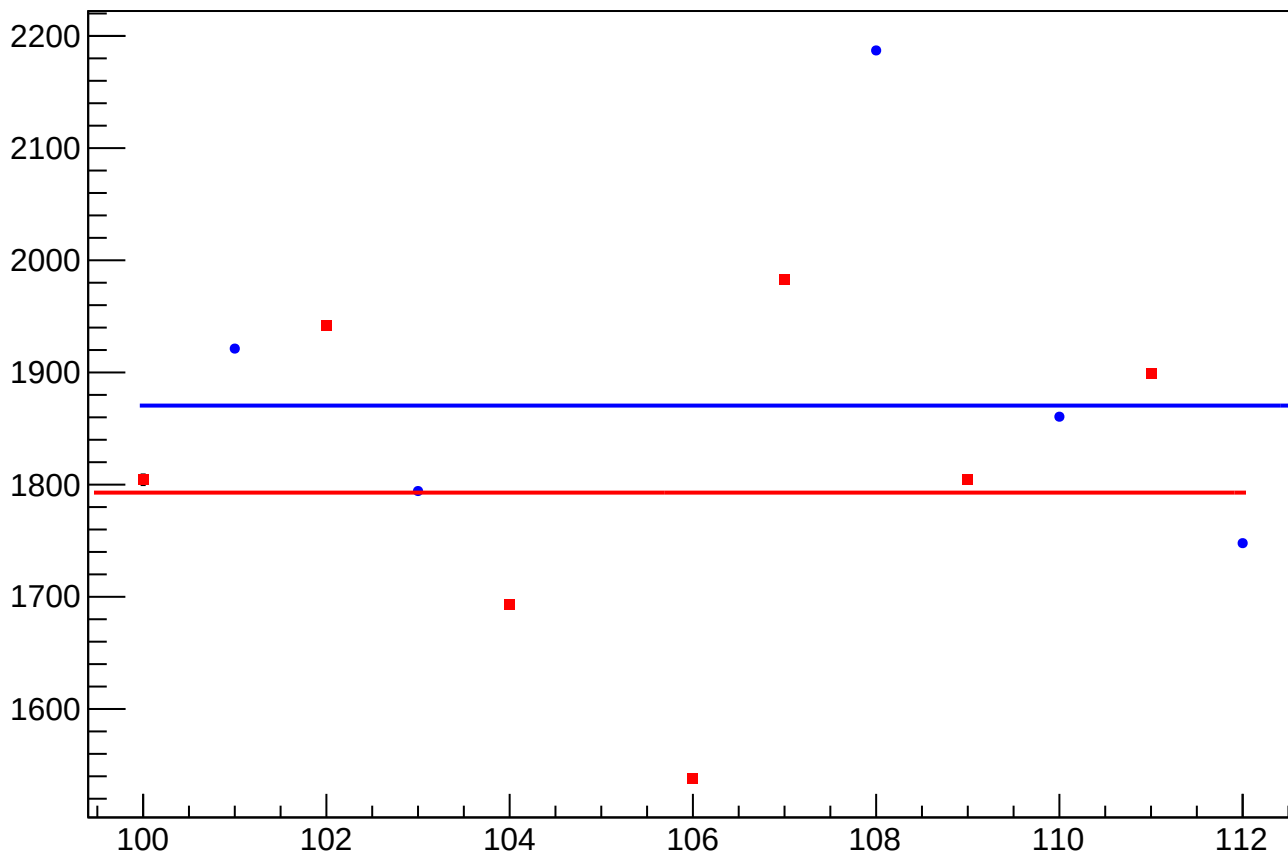
Right: -0.329 ± 0.796 $\chi^2/\text{NDF}: 34.5/11$

In: 4.070 ± 1.181 $\chi^2/\text{NDF}: 1.8/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.329 ± 0.796 $\chi^2/\text{NDF}: 34.5/11$

diff_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 1870.475+/-0.835 χ^2/NDF : 24513.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1792.891+/-0.762 χ^2/NDF : 36014.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

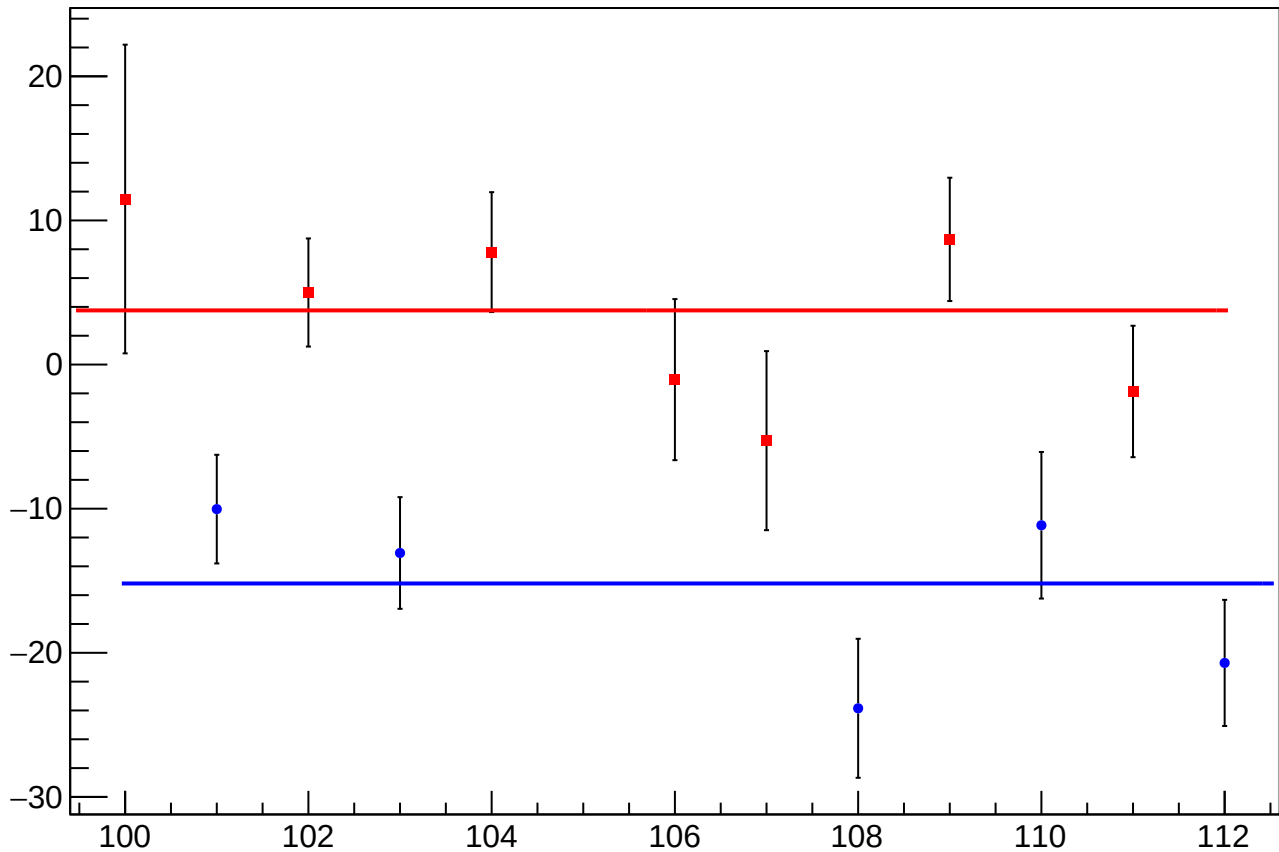
Right: 1828.143+/-0.563 χ^2/NDF : 65239.5/11

In: 1870.475+/-0.835 χ^2/NDF : 24513.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1828.143+/-0.563 χ^2/NDF : 65239.5/11

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -15.190 $\pm$ 1.921 χ^2 /NDF: 7.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.758 $\pm$ 1.831 χ^2 /NDF: 7.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

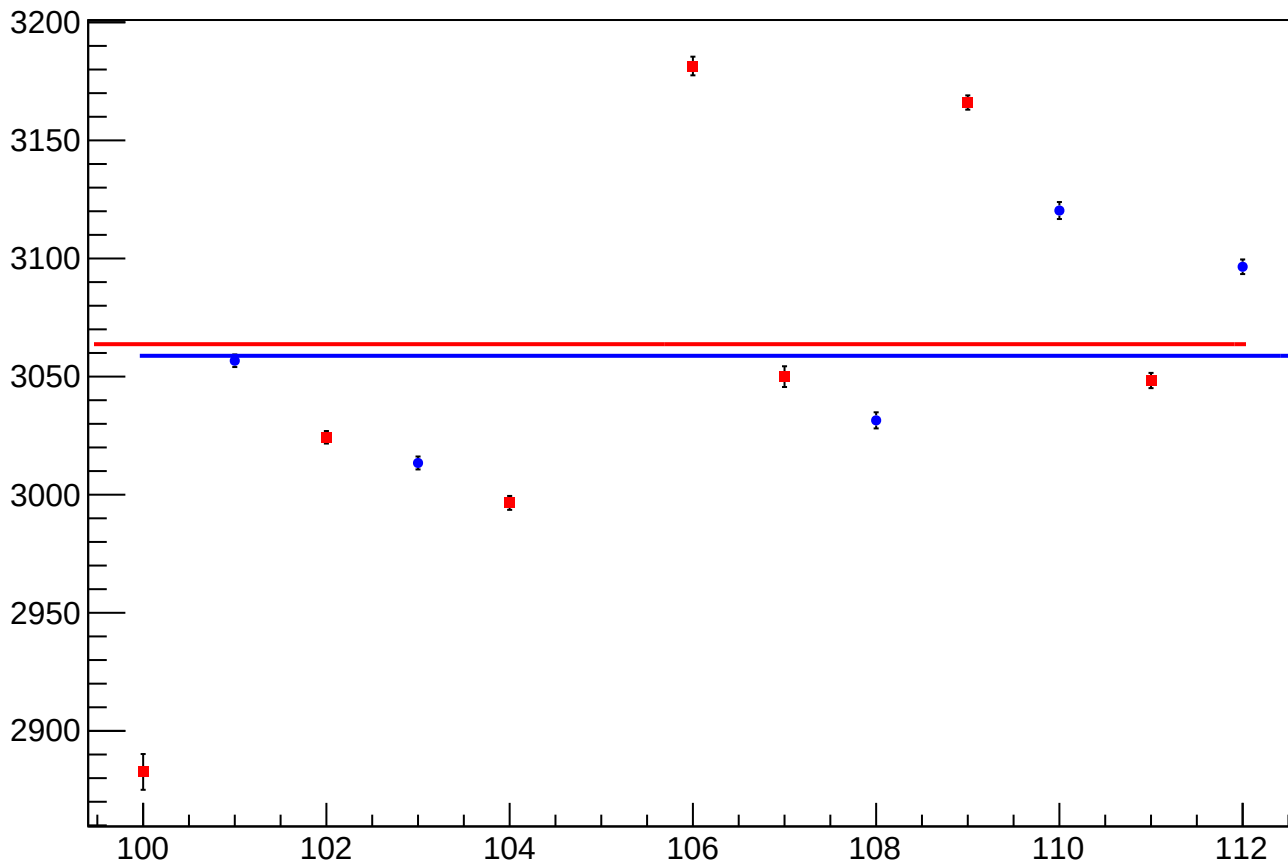
Right: -5.260 $\pm$ 1.326 χ^2 /NDF: 65.9/11

In: -15.190 $\pm$ 1.921 χ^2 /NDF:7.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.260 $\pm$ 1.326 χ^2 /NDF: 65.9/11

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3058.802 $\pm$ 1.359 χ^2 /NDF: 780.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3063.722 $\pm$ 1.295 χ^2 /NDF: 3378.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

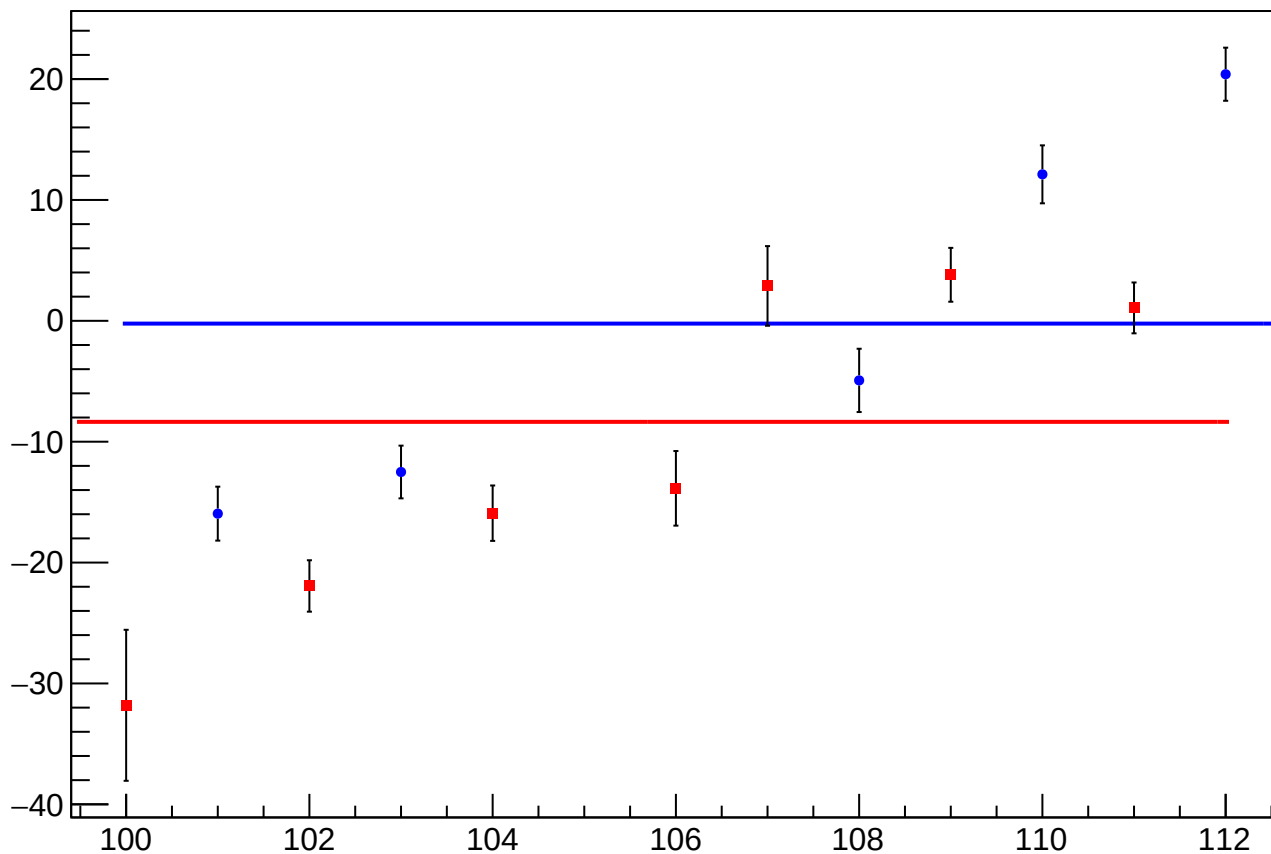
Right: 3061.380 $\pm$ 0.937 χ^2 /NDF: 4165.8/11

In: 3058.802 $\pm$ 1.359 χ^2 /NDF: 780.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3061.380 $\pm$ 0.937 χ^2 /NDF: 4165.8/11

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -0.229+/-1.032 χ^2/NDF : 199.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.358+/-0.970 χ^2/NDF : 130.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

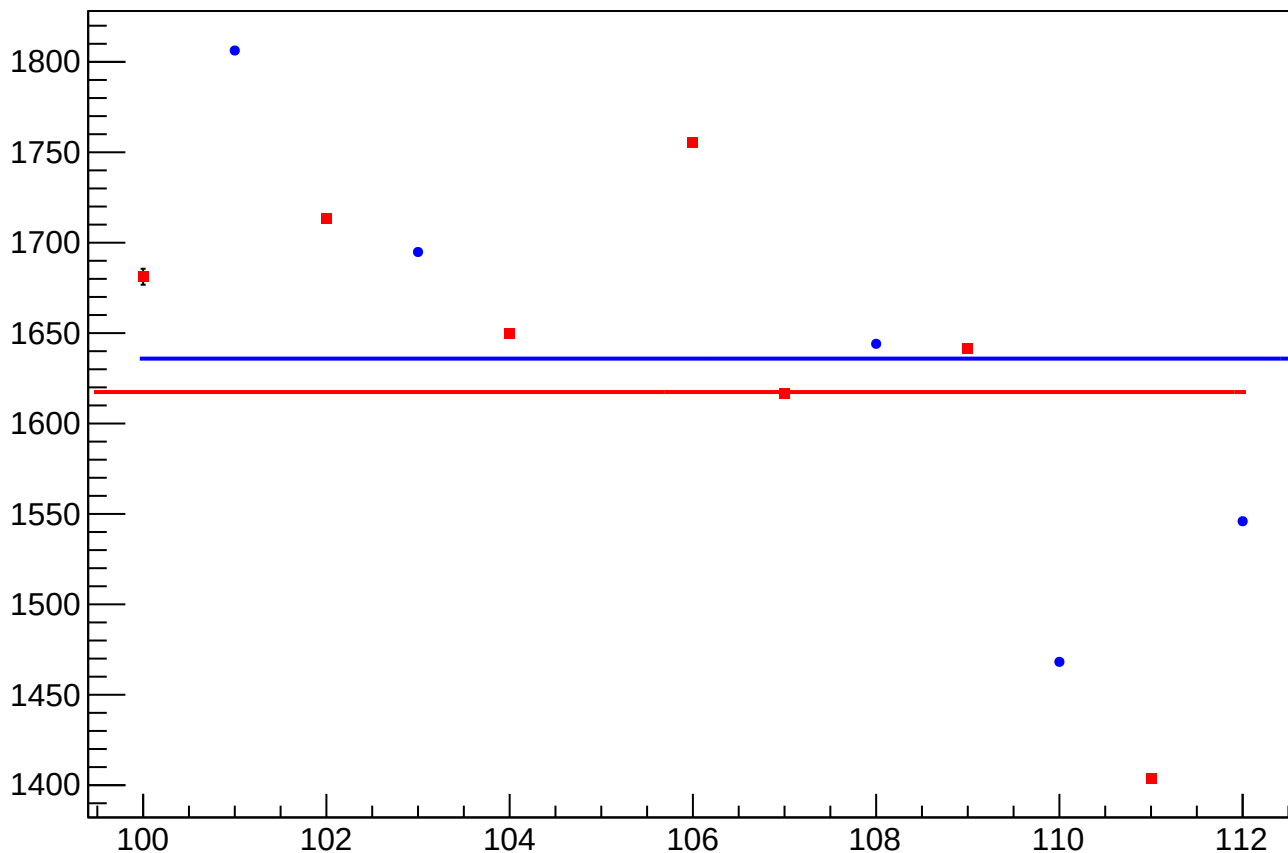
Right: -4.544+/-0.707 χ^2/NDF : 362.7/11

In: -0.229+/-1.032 χ^2/NDF : 199.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.544+/-0.707 χ^2/NDF : 362.7/11

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1635.894+/-0.730 χ^2/NDF : 26279.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1617.416+/-0.686 χ^2/NDF : 29515.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

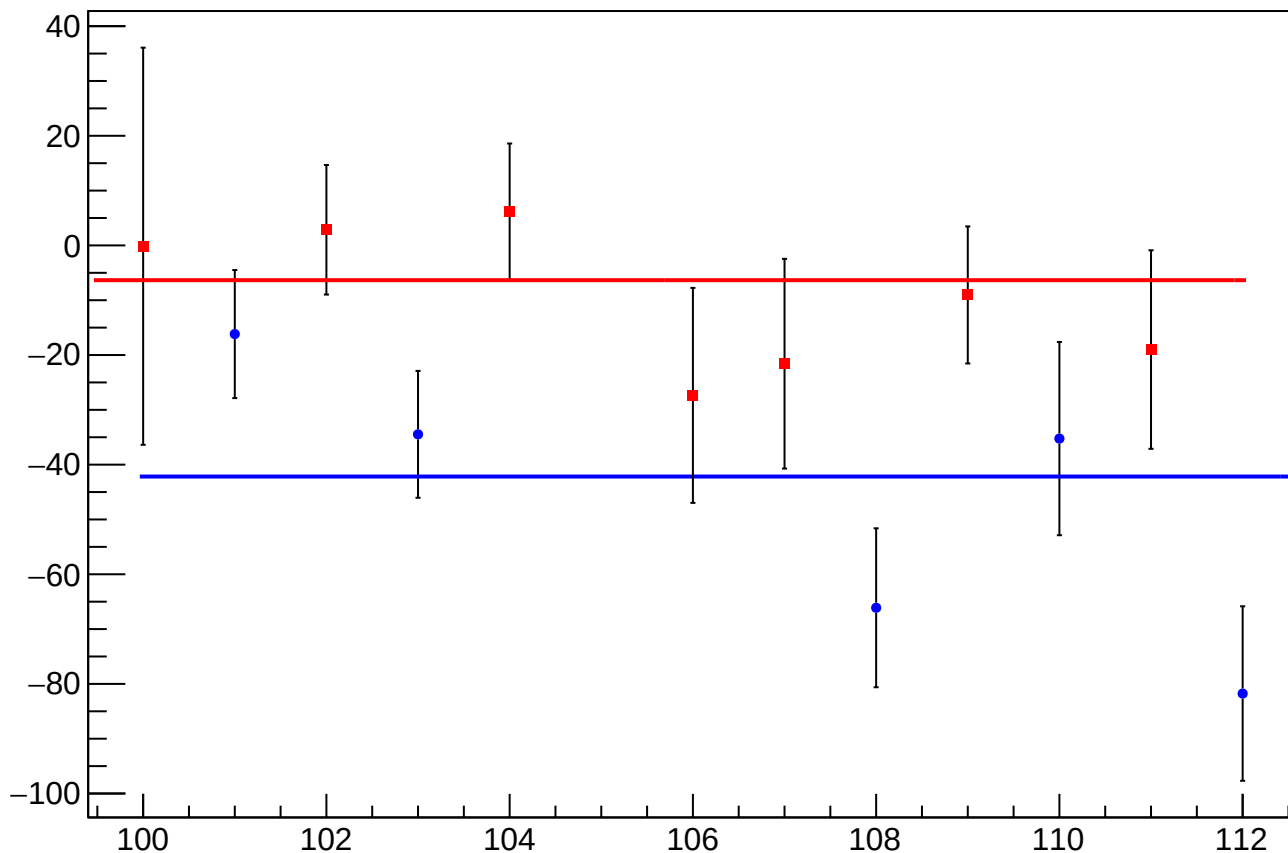
Right: 1626.084+/-0.500 χ^2/NDF : 56134.7/11

In: 1635.894+/-0.730 χ^2/NDF : 26279.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1626.084+/-0.500 χ^2/NDF : 56134.7/11

diff_bpm0l02X_mean vs Slug, Sign Corrected



Right In: -42.168 $\pm$ 6.118 χ^2 /NDF: 14.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -6.346 $\pm$ 5.852 χ^2 /NDF: 4.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

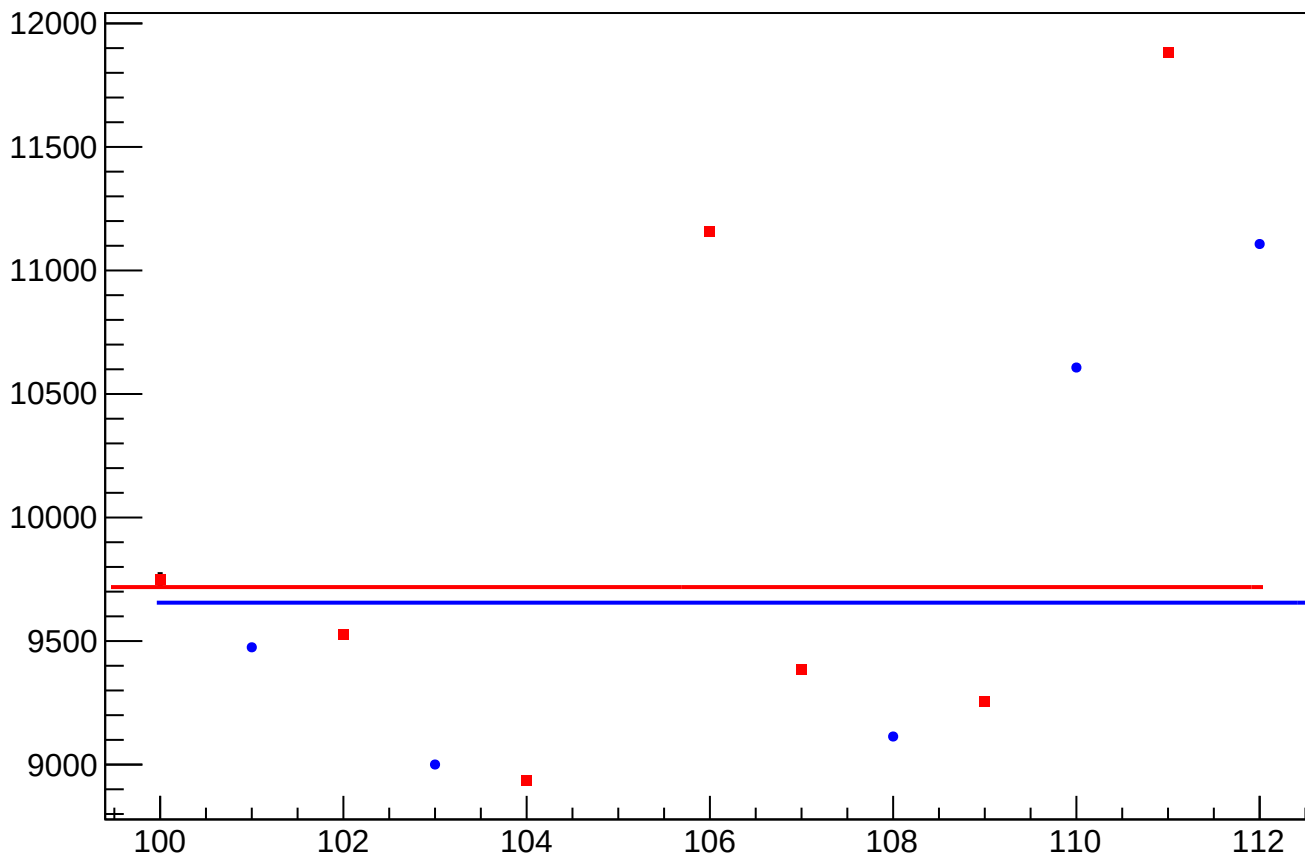
Right: -23.459 $\pm$ 4.229 χ^2 /NDF: 36.3/11

In: -42.168 $\pm$ 6.118 χ^2 /NDF:14.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -23.459 $\pm$ 4.229 χ^2 /NDF: 36.3/11

diff_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 9655.354 $\pm$ 4.326 χ^2/NDF : 32144.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 9718.482 $\pm$ 4.138 χ^2/NDF : 51155.3/6

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

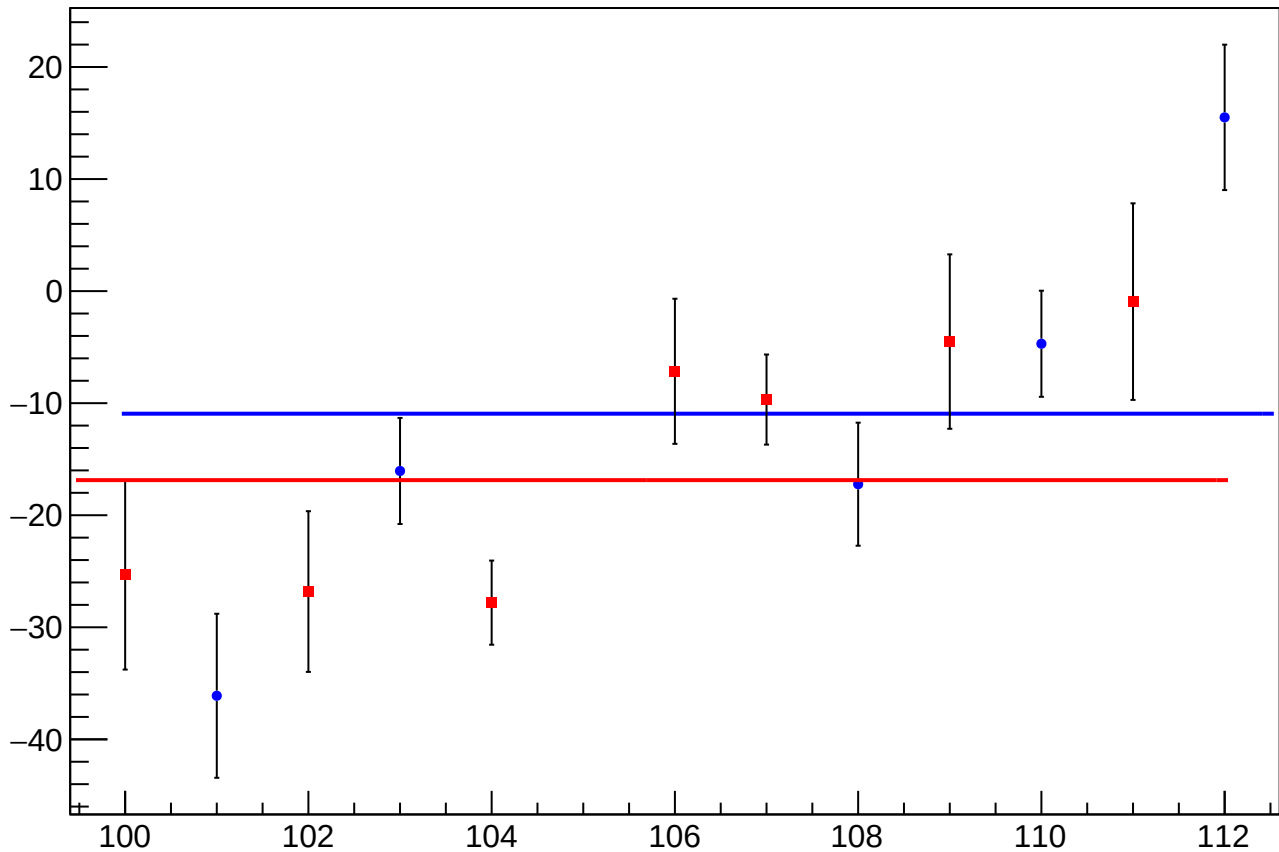
Right: 9688.324 $\pm$ 2.990 χ^2/NDF : 83410.6/11

In: 9655.354 $\pm$ 4.326 χ^2/NDF : 32144.2/4

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 9688.324 $\pm$ 2.990 χ^2/NDF : 83410.6/11

diff_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: -10.939+/-2.463 χ^2/NDF : 32.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.868+/-2.134 χ^2/NDF : 22.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

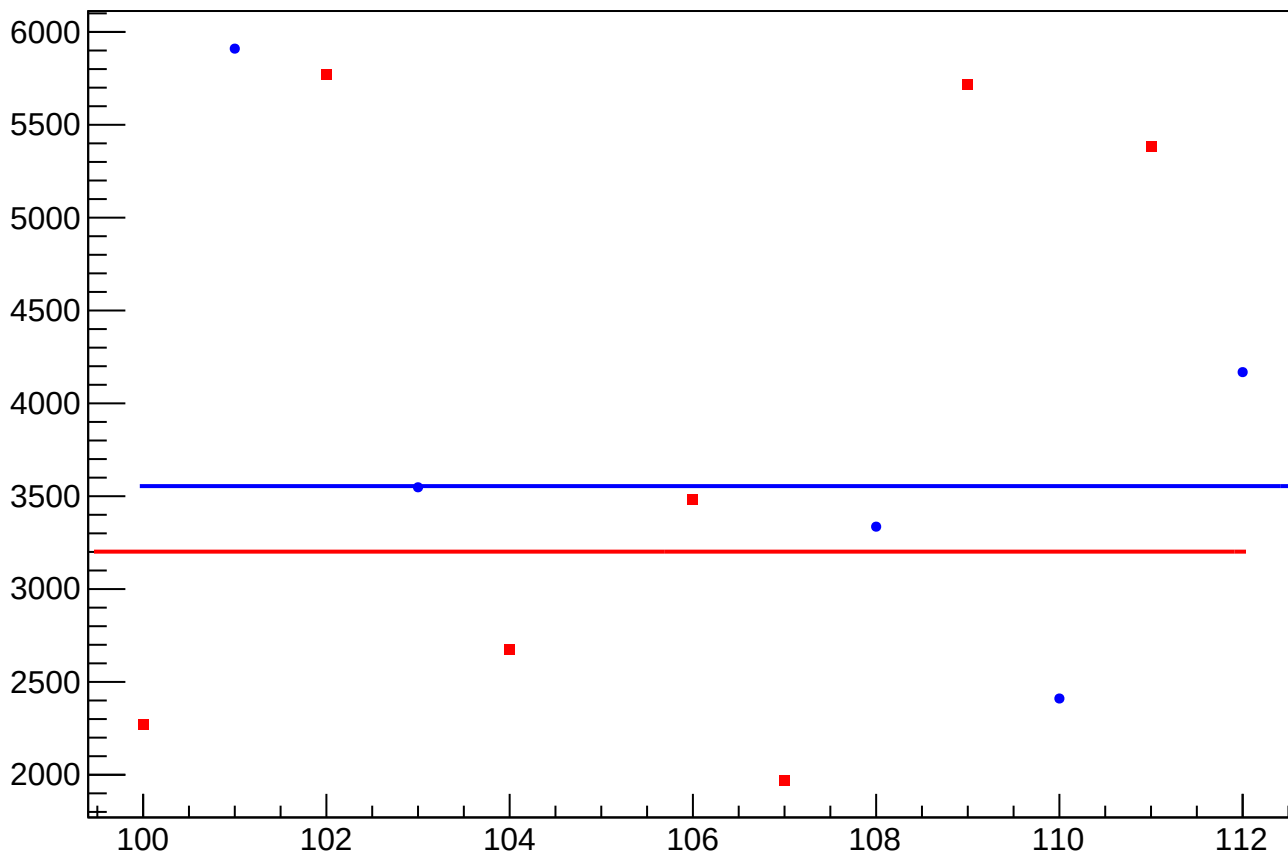
Right: -14.326+/-1.613 χ^2/NDF : 58.7/11

In: -10.939+/-2.463 χ^2/NDF : 32.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.326+/-1.613 χ^2/NDF : 58.7/11

diff_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 3554.461+/-1.742 χ^2/NDF : 344905.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3201.563+/-1.509 χ^2/NDF : 843895.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

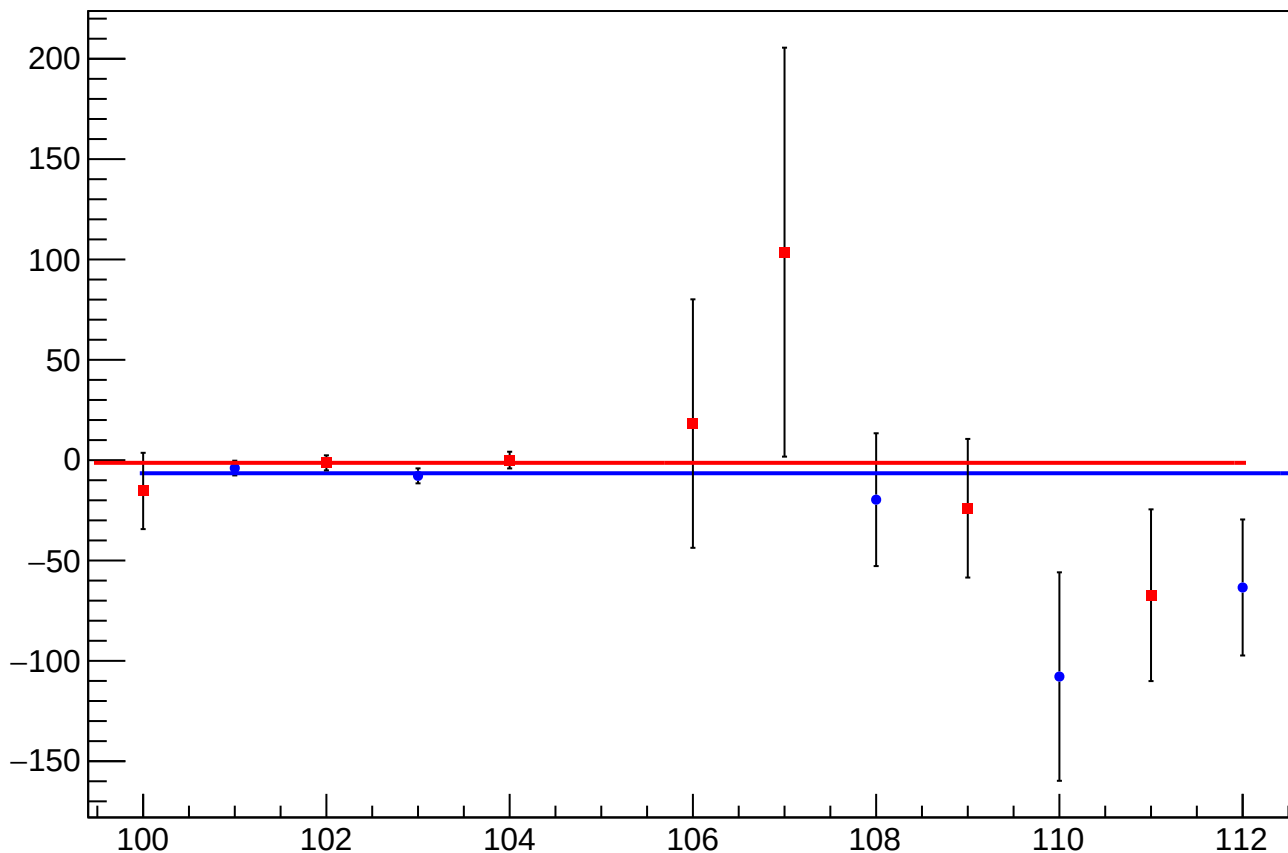
Right: 3352.848+/-1.140 χ^2/NDF : 1212258.5/11

In: 3554.461+/-1.742 χ^2/NDF : 344905.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3352.848+/-1.140 χ^2/NDF : 1212258.5/11

diff_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -6.519 ± 2.596 χ^2/NDF : 7.4/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.328 ± 2.738 χ^2/NDF : 4.6/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

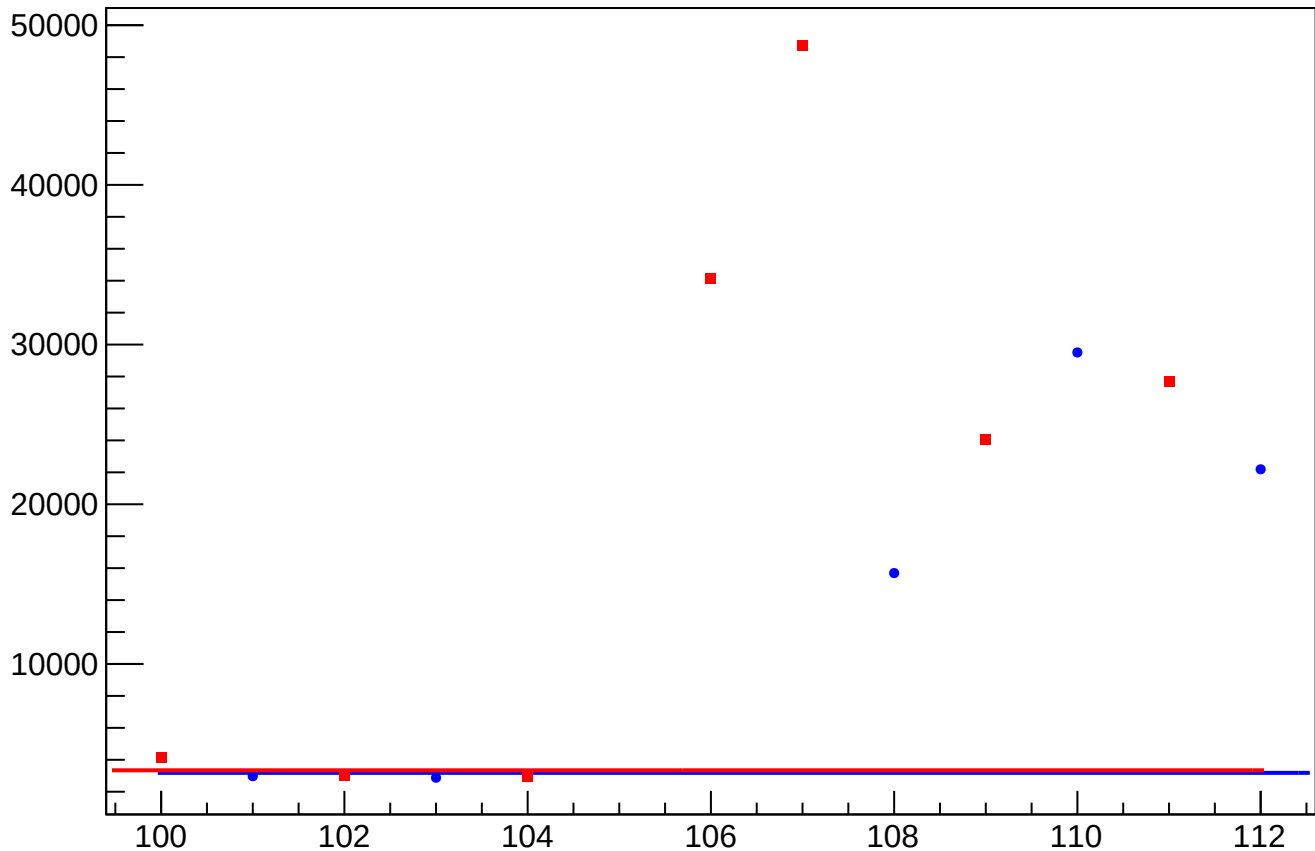
Right: -4.061 ± 1.884 χ^2/NDF : 13.9/11

In: -6.519 ± 2.596 χ^2/NDF : 7.4/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.061 ± 1.884 χ^2/NDF : 13.9/11

diff_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 3181.632+/-1.836 χ^2/NDF : 1449112.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3341.585+/-1.936 χ^2/NDF : 2293819.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

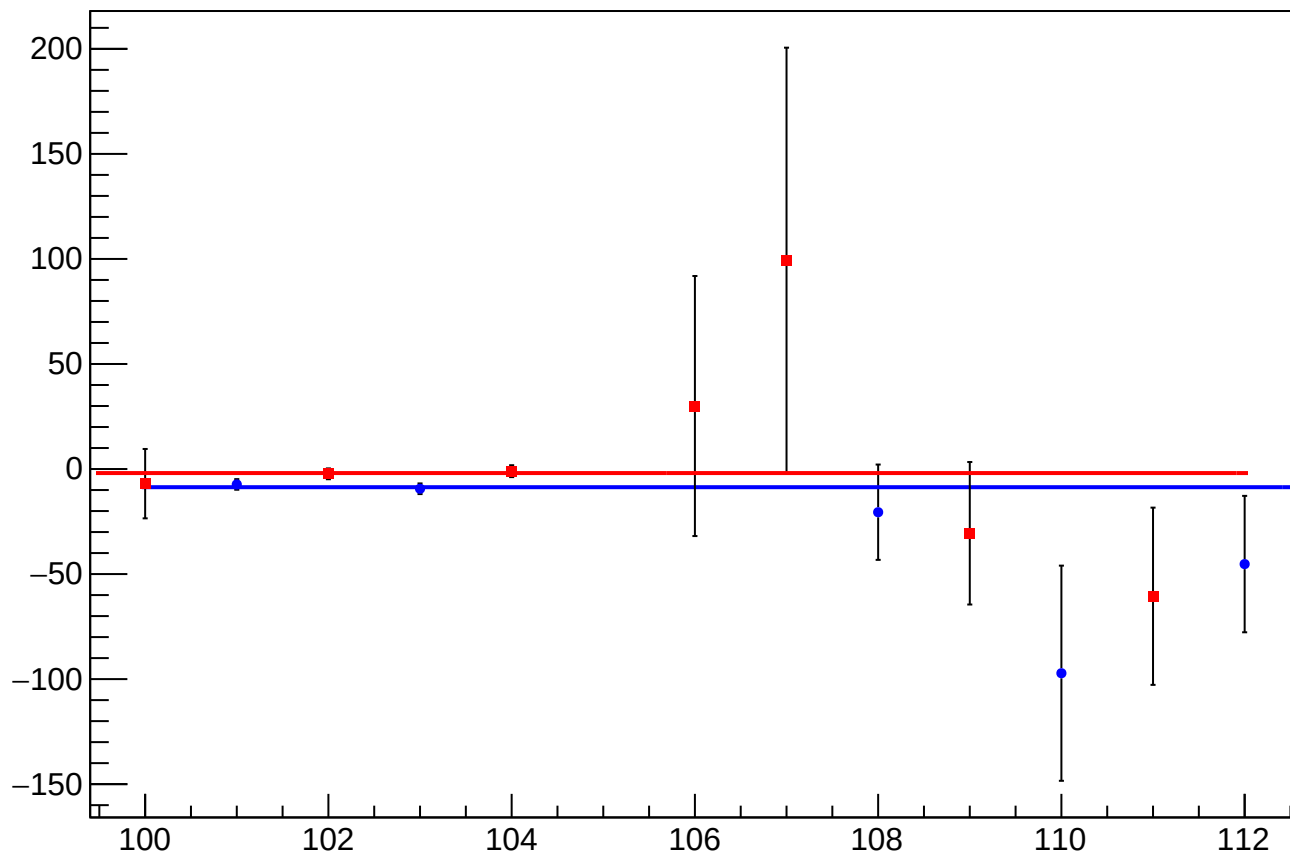
Right: 3257.361+/-1.332 χ^2/NDF : 3746525.5/11

In: 3181.632+/-1.836 χ^2/NDF : 1449112.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3257.361+/-1.332 χ^2/NDF : 3746525.5/11

diff_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: -8.647 $\pm$ 1.780 χ^2/NDF : 4.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -1.922 $\pm$ 1.884 χ^2/NDF : 4.1/6

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

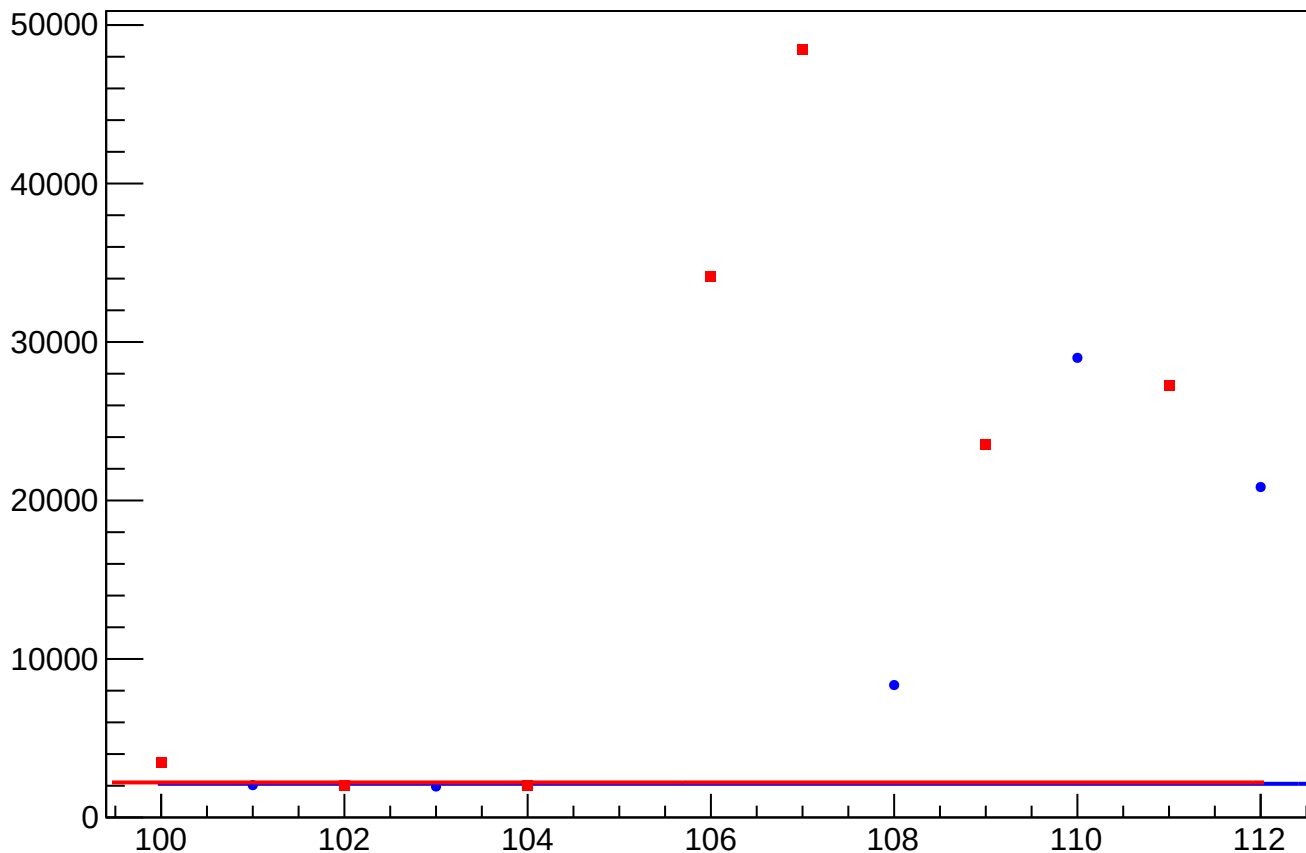
Right: -5.475 $\pm$ 1.294 χ^2/NDF : 15.7/11

In: -8.647 $\pm$ 1.780 χ^2/NDF : 4.9/4

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -5.475 $\pm$ 1.294 χ^2/NDF : 15.7/11

diff_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 2123.492 $\pm$ 1.259 χ^2/NDF : 1378598.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 2209.310 $\pm$ 1.332 χ^2/NDF : 2474840.7/6

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

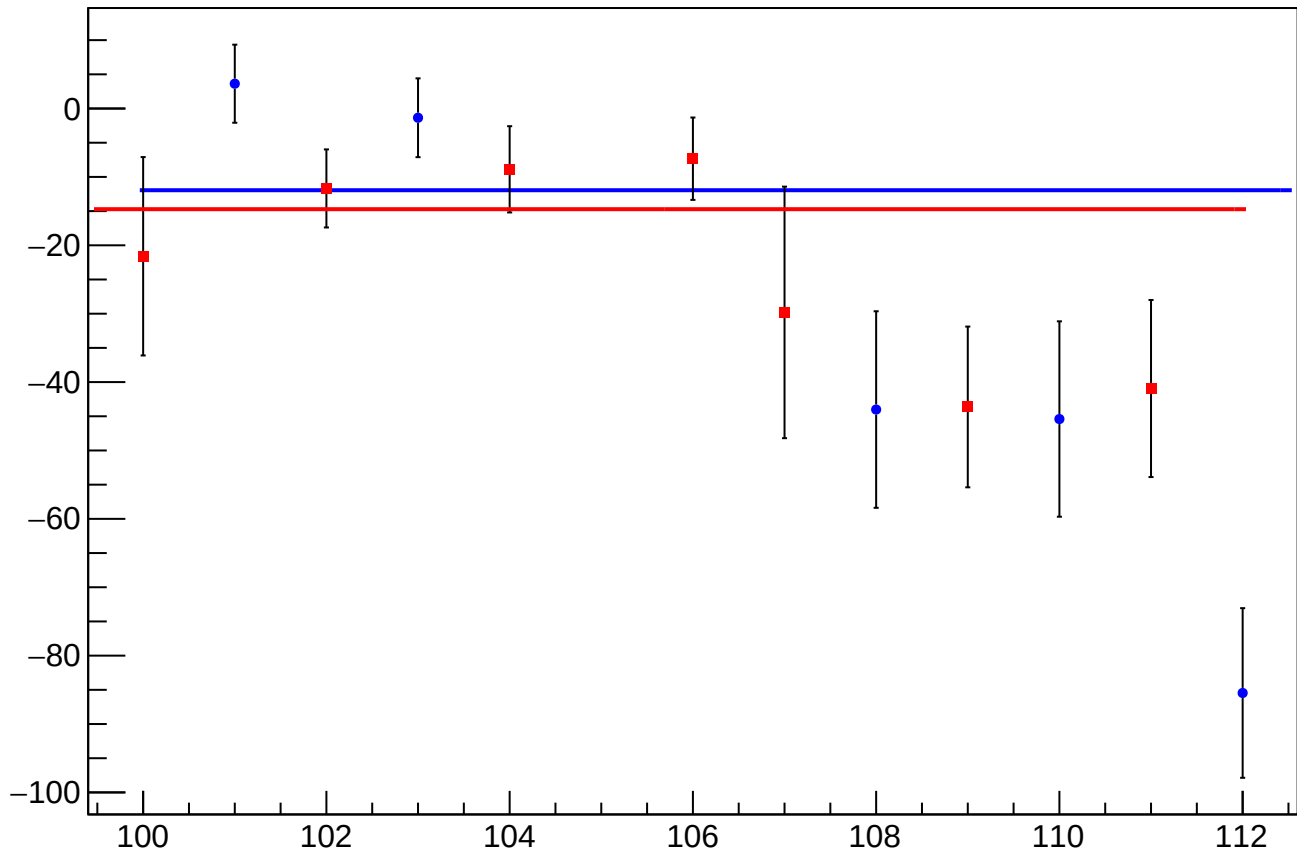
Right: 2163.962 $\pm$ 0.915 χ^2/NDF : 3855631.5/11

In: 2123.492 $\pm$ 1.259 χ^2/NDF : 1378598.8/4

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 2163.962 $\pm$ 0.915 χ^2/NDF : 3855631.5/11

diff_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -11.946 $\pm$ 3.602 χ^2 /NDF: 56.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -14.718 $\pm$ 3.096 χ^2 /NDF: 13.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

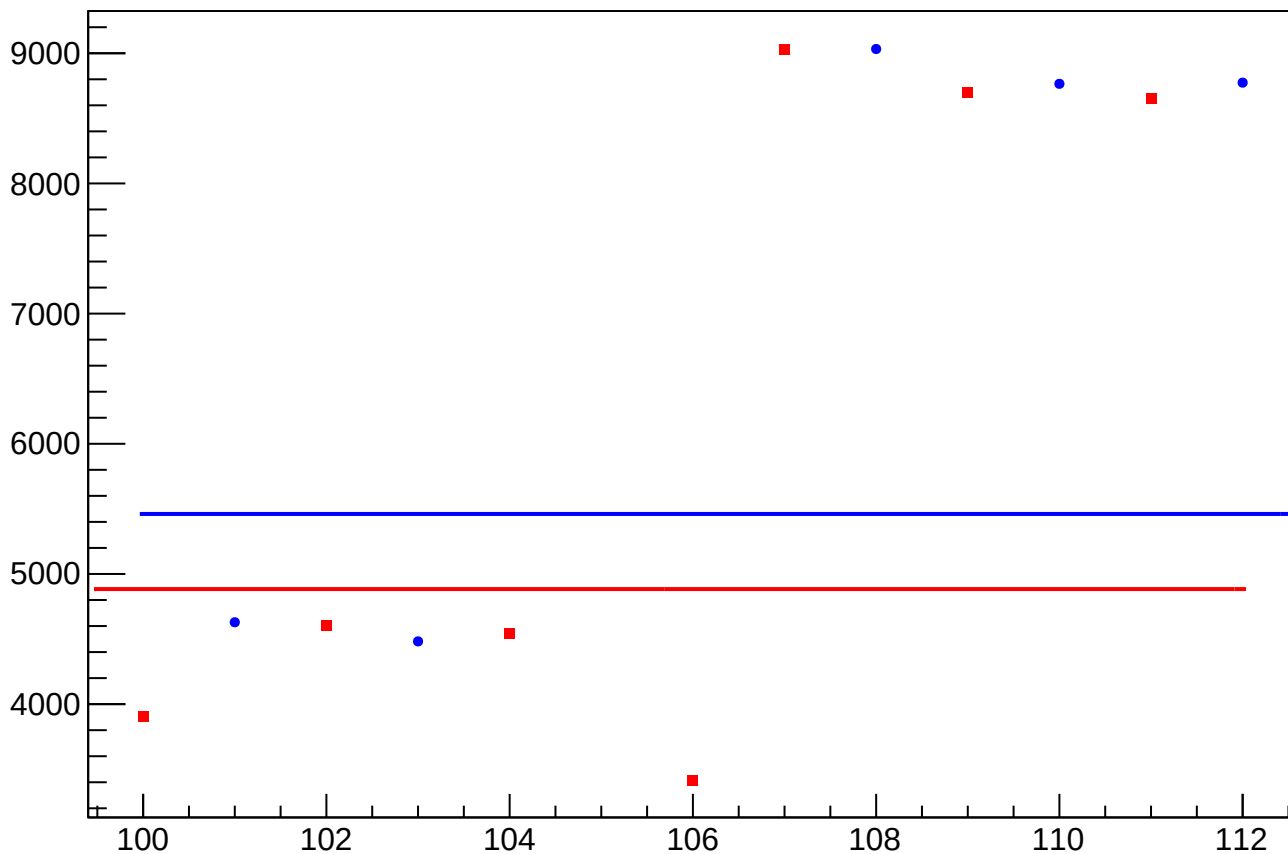
Right: -13.540 $\pm$ 2.348 χ^2 /NDF: 70.5/11

In: -11.946 $\pm$ 3.602 χ^2 /NDF: 56.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -13.540 $\pm$ 2.348 χ^2 /NDF: 70.5/11

diff_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 5461.043+/-2.547 χ^2/NDF : 473491.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4884.105+/-2.189 χ^2/NDF : 620795.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

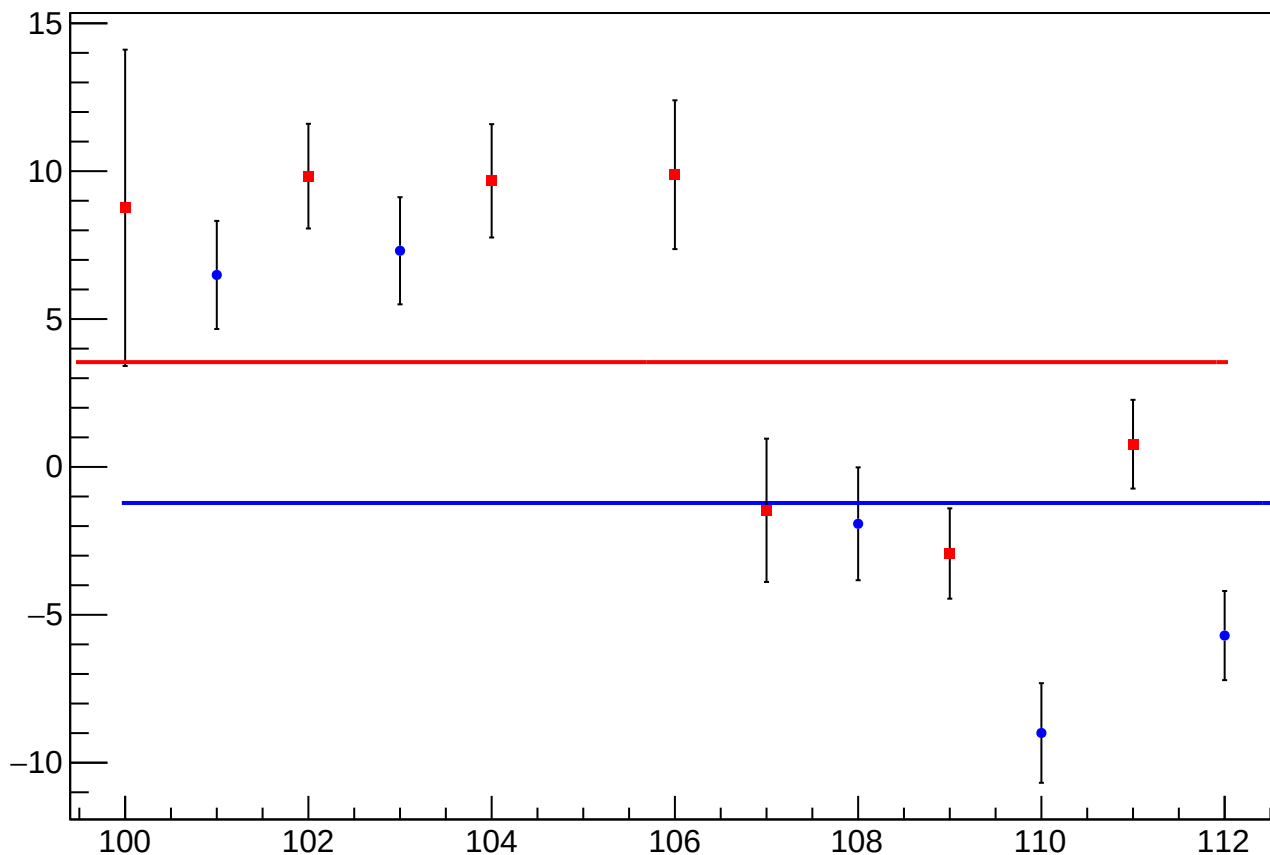
Right: 5129.211+/-1.660 χ^2/NDF : 1123790.9/11

In: 5461.043+/-2.547 χ^2/NDF : 473491.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5129.211+/-1.660 χ^2/NDF : 1123790.9/11

diff_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -1.219+/-0.773 χ^2/NDF : 70.3/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3.544+/-0.740 χ^2/NDF : 55.8/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

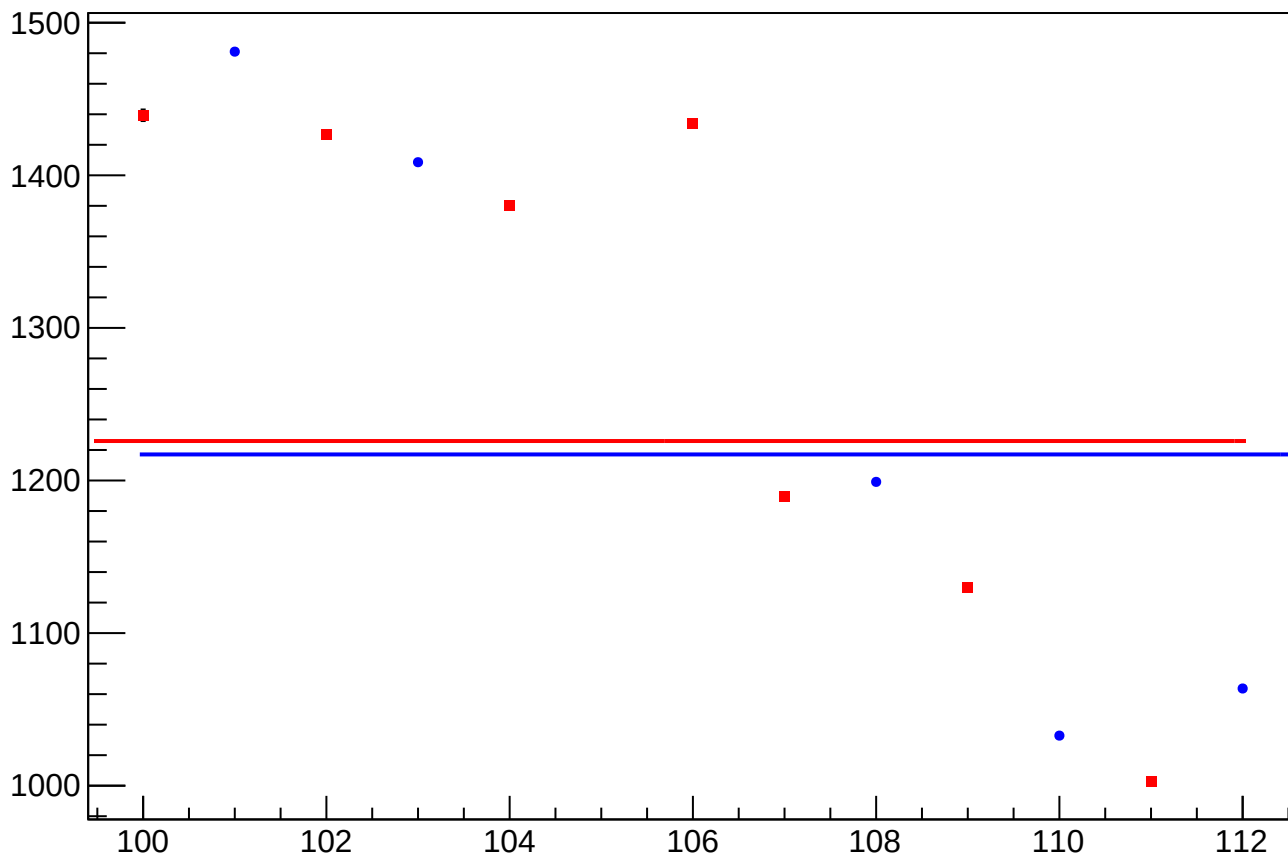
Right: 1.269+/-0.535 χ^2/NDF : 145.9/11

In: -1.219+/-0.773 χ^2/NDF :70.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.269+/-0.535 χ^2/NDF : 145.9/11

diff_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 1217.083+/-0.547 χ^2/NDF : 108951.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1225.876+/-0.523 χ^2/NDF : 108045.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

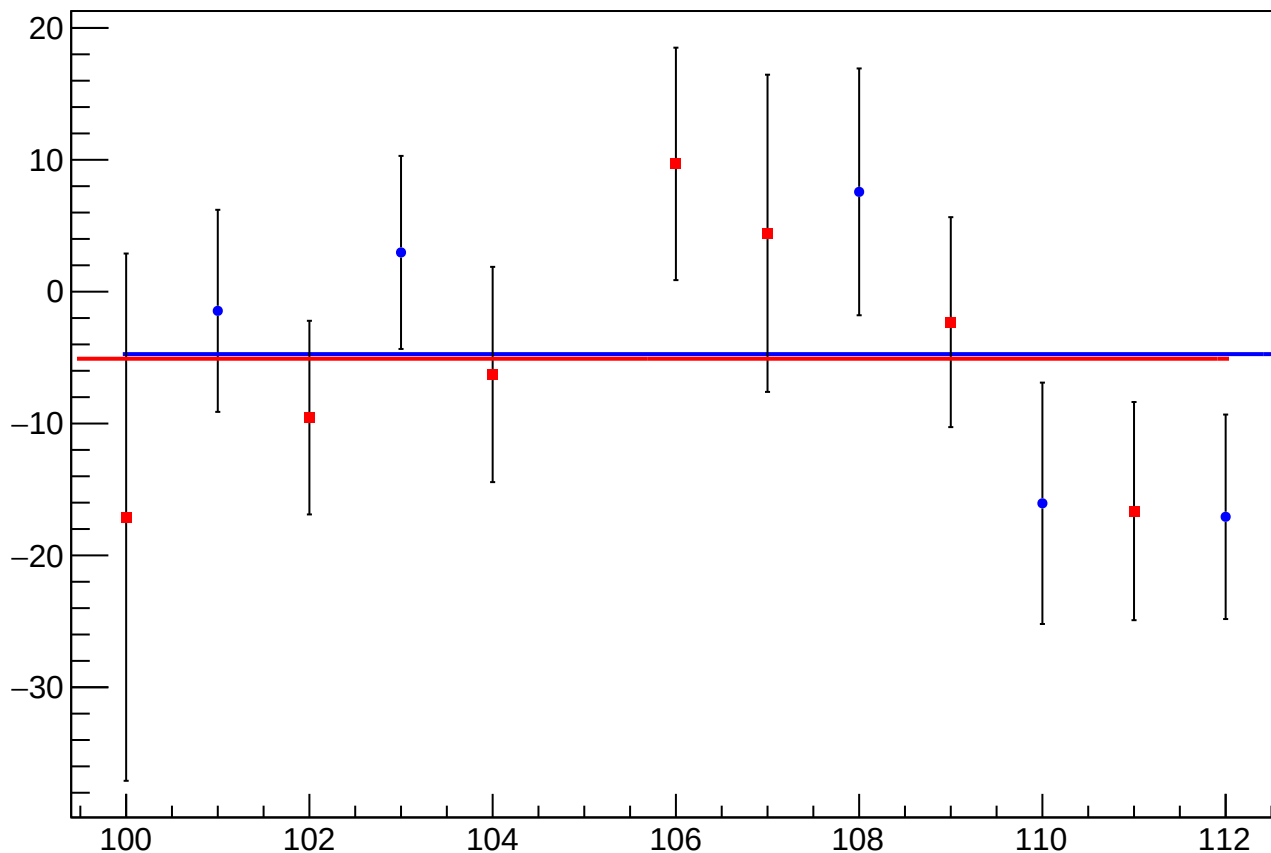
Right: 1221.675+/-0.378 χ^2/NDF : 217131.4/11

In: 1217.083+/-0.547 χ^2/NDF : 108951.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1221.675+/-0.378 χ^2/NDF : 217131.4/11

diff_bpm0l05X_mean vs Slug, Sign Corrected



Right In: -4.736+/-3.635 χ^2/NDF : 7.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.085+/-3.405 χ^2/NDF : 6.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

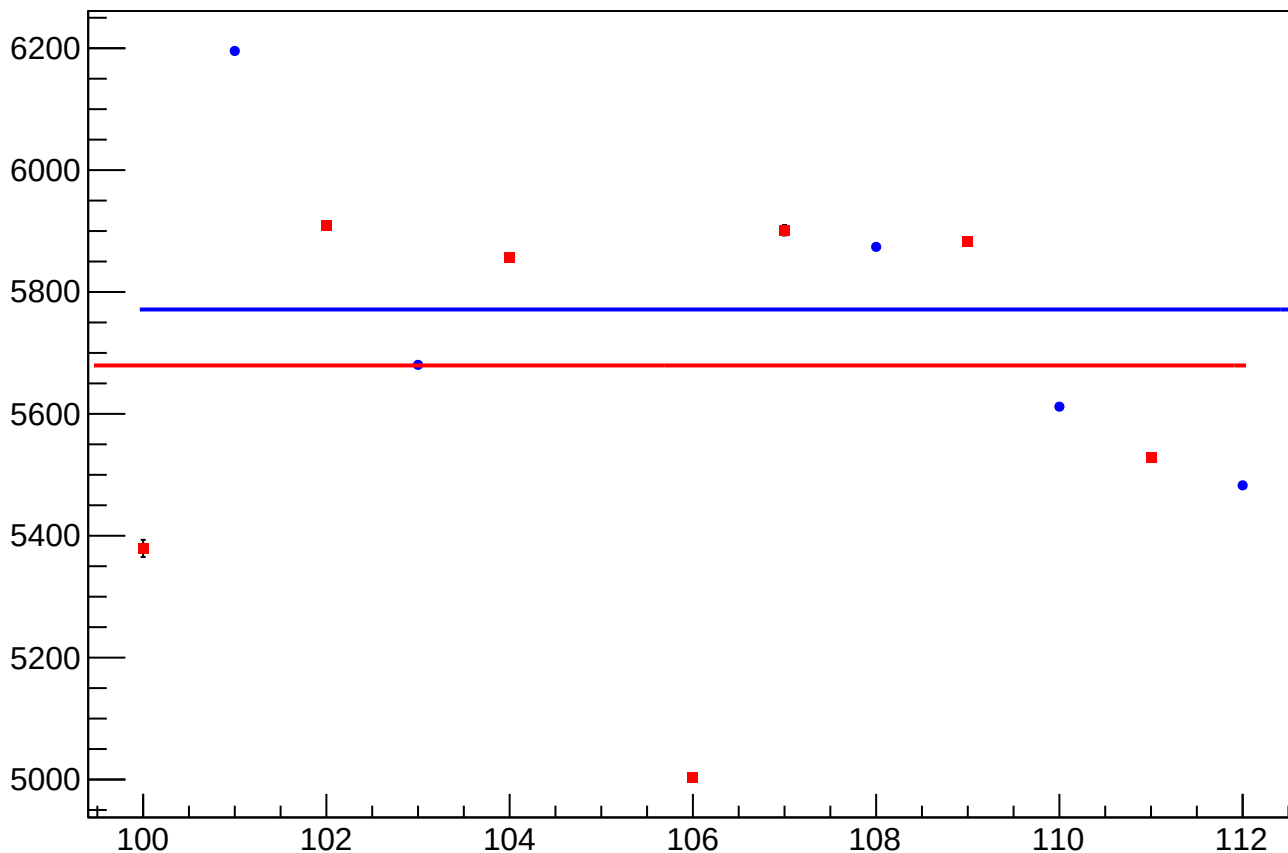
Right: -4.922+/-2.485 χ^2/NDF : 13.3/11

In: -4.736+/-3.635 χ^2/NDF : 7.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.922+/-2.485 χ^2/NDF : 13.3/11

diff_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 5771.286+/-2.570 χ^2/NDF : 10056.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5679.456+/-2.408 χ^2/NDF : 17751.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

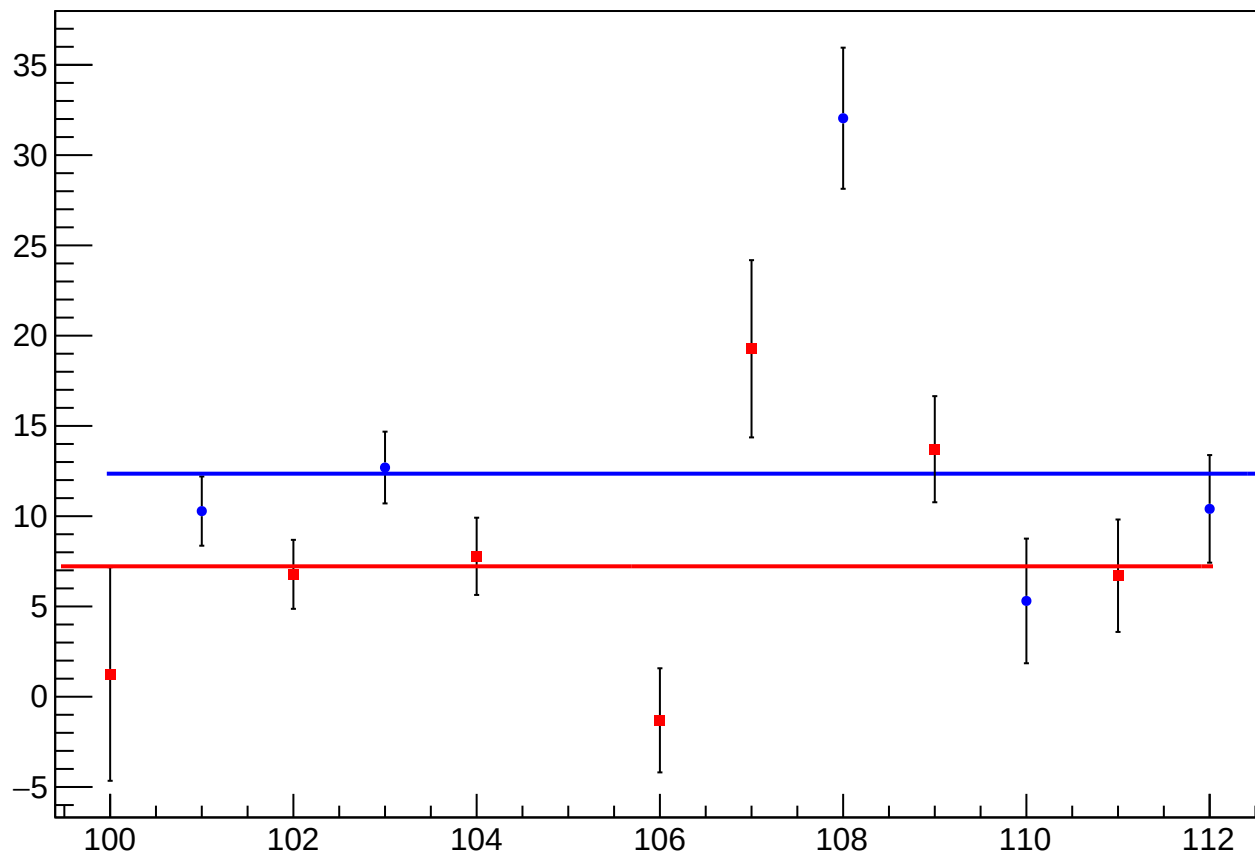
Right: 5722.377+/-1.757 χ^2/NDF : 28488.4/11

In: 5771.286+/-2.570 χ^2/NDF : 10056.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5722.377+/-1.757 χ^2/NDF : 28488.4/11

diff_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 12.355+/-1.127 χ^2/NDF : 31.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.223+/-1.053 χ^2/NDF : 20.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

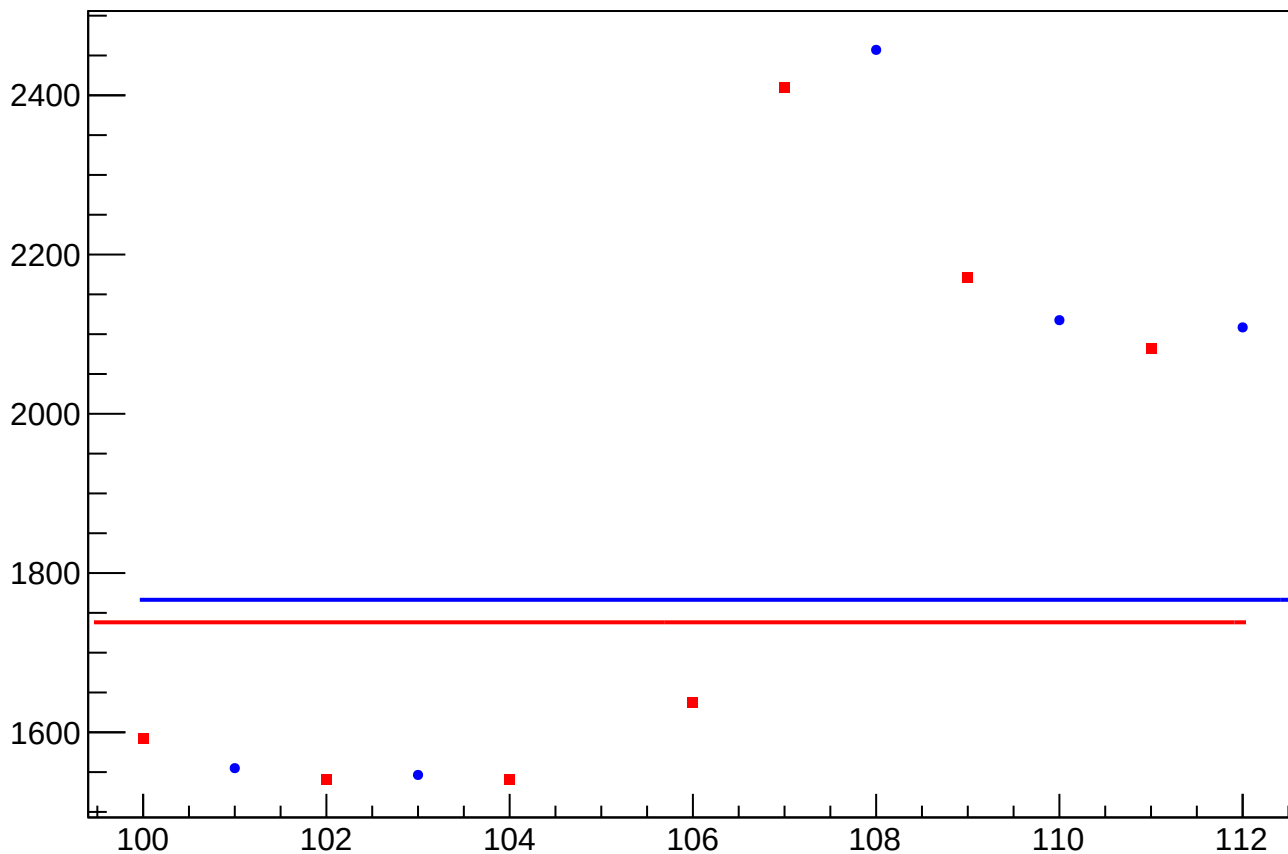
Right: 9.615+/-0.770 χ^2/NDF : 63.0/11

In: 12.355+/-1.127 χ^2/NDF : 31.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.615+/-0.770 χ^2/NDF : 63.0/11

diff_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 1766.408+/-0.797 χ^2/NDF : 158291.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1738.127+/-0.745 χ^2/NDF : 147346.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

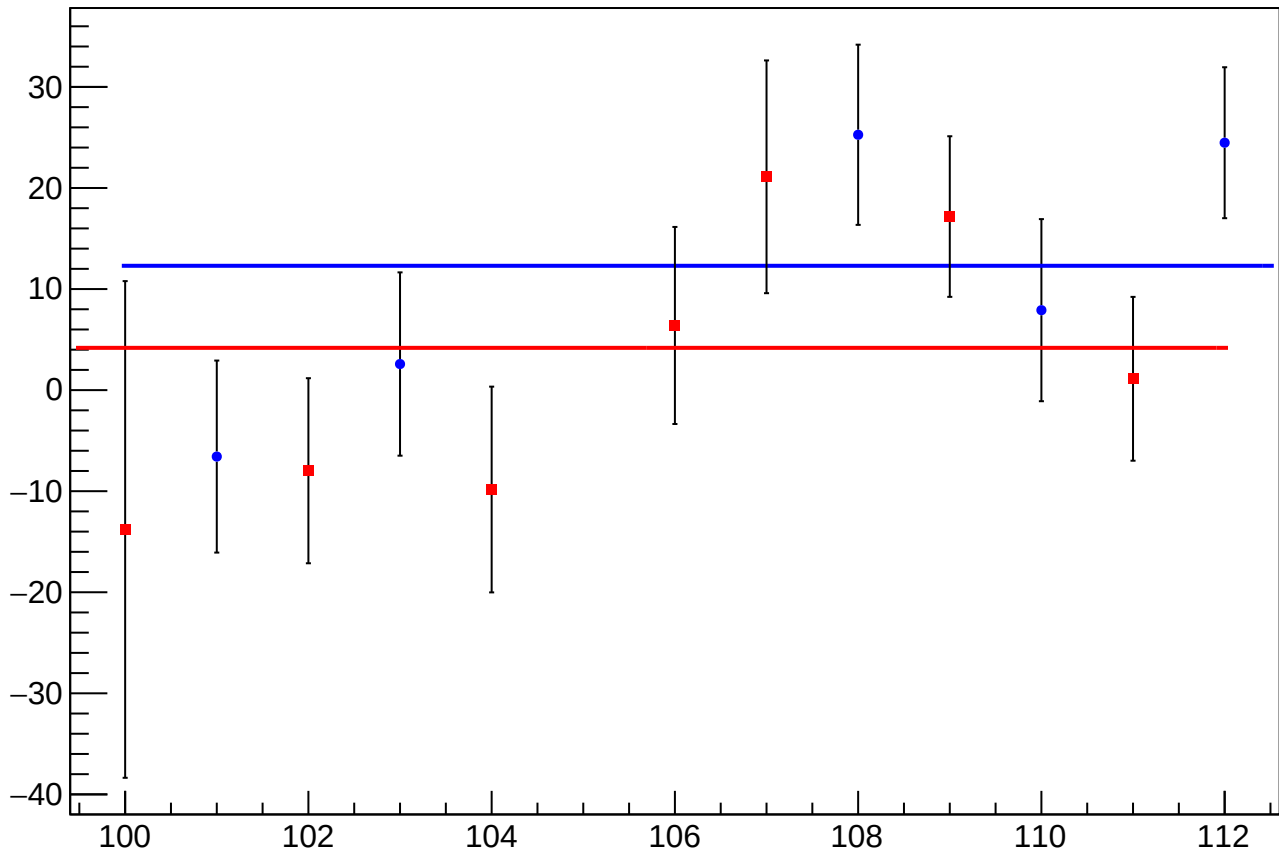
Right: 1751.308+/-0.544 χ^2/NDF : 306310.3/11

In: 1766.408+/-0.797 χ^2/NDF : 158291.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1751.308+/-0.544 χ^2/NDF : 306310.3/11

diff_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 12.303+/-3.890 χ^2/NDF : 10.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.183+/-3.718 χ^2/NDF : 9.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

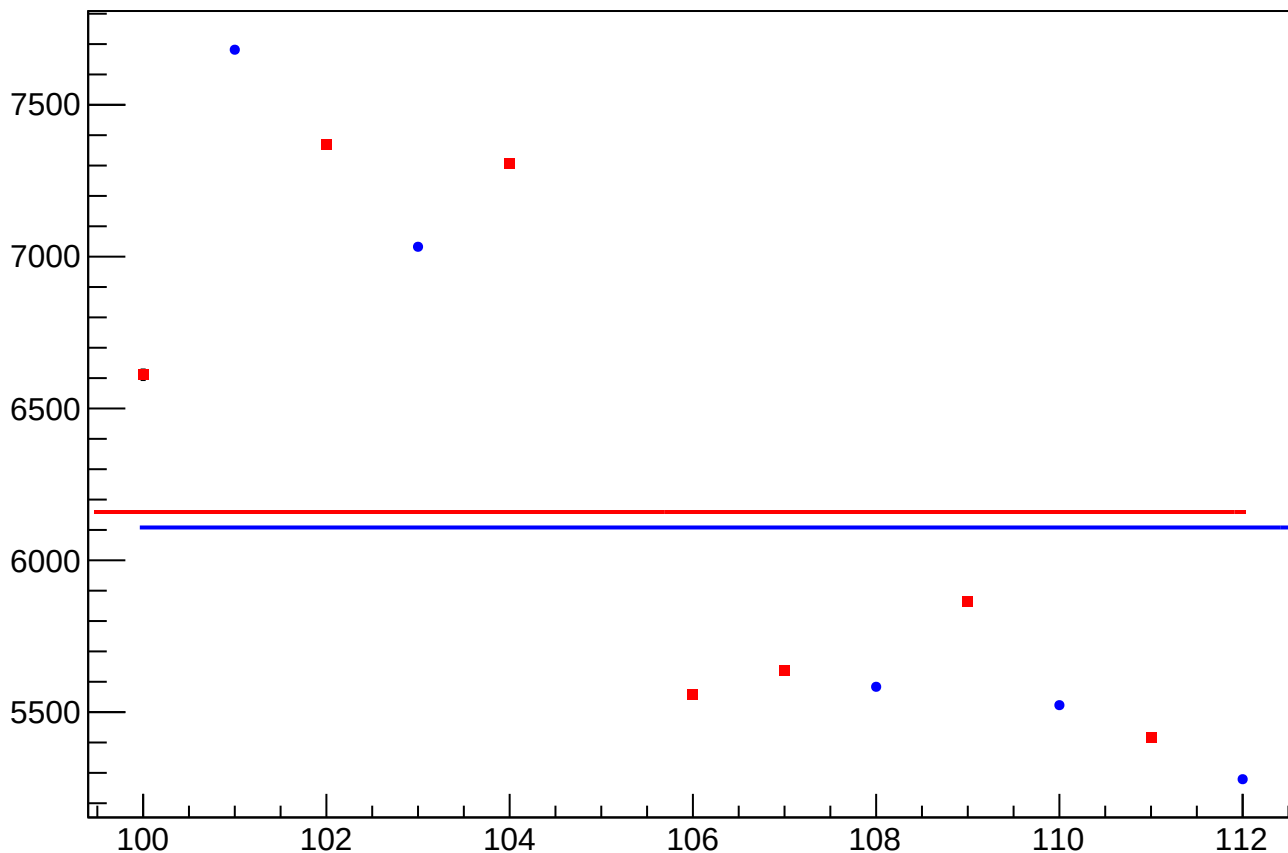
Right: 8.058+/-2.688 χ^2/NDF : 21.6/11

In: 12.303+/-3.890 χ^2/NDF : 10.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.058+/-2.688 χ^2/NDF : 21.6/11

diff_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 6108.112+/-2.751 χ^2/NDF : 115641.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6159.084+/-2.629 χ^2/NDF : 92325.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

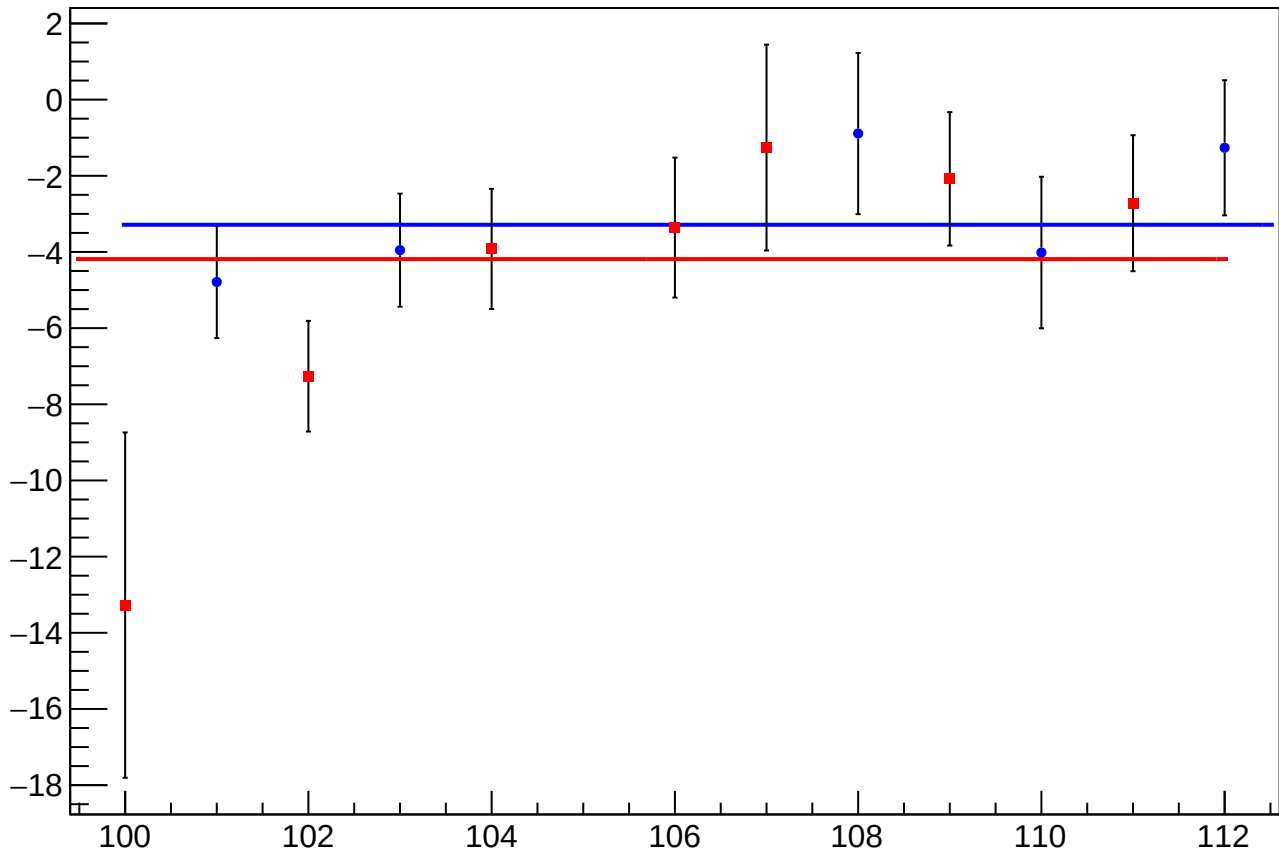
Right: 6134.756+/-1.901 χ^2/NDF : 208146.5/11

In: 6108.112+/-2.751 χ^2/NDF : 115641.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6134.756+/-1.901 χ^2/NDF : 208146.5/11

diff_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -3.286 $\pm$ 0.765 χ^2 /NDF: 4.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -4.187 $\pm$ 0.707 χ^2 /NDF: 12.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

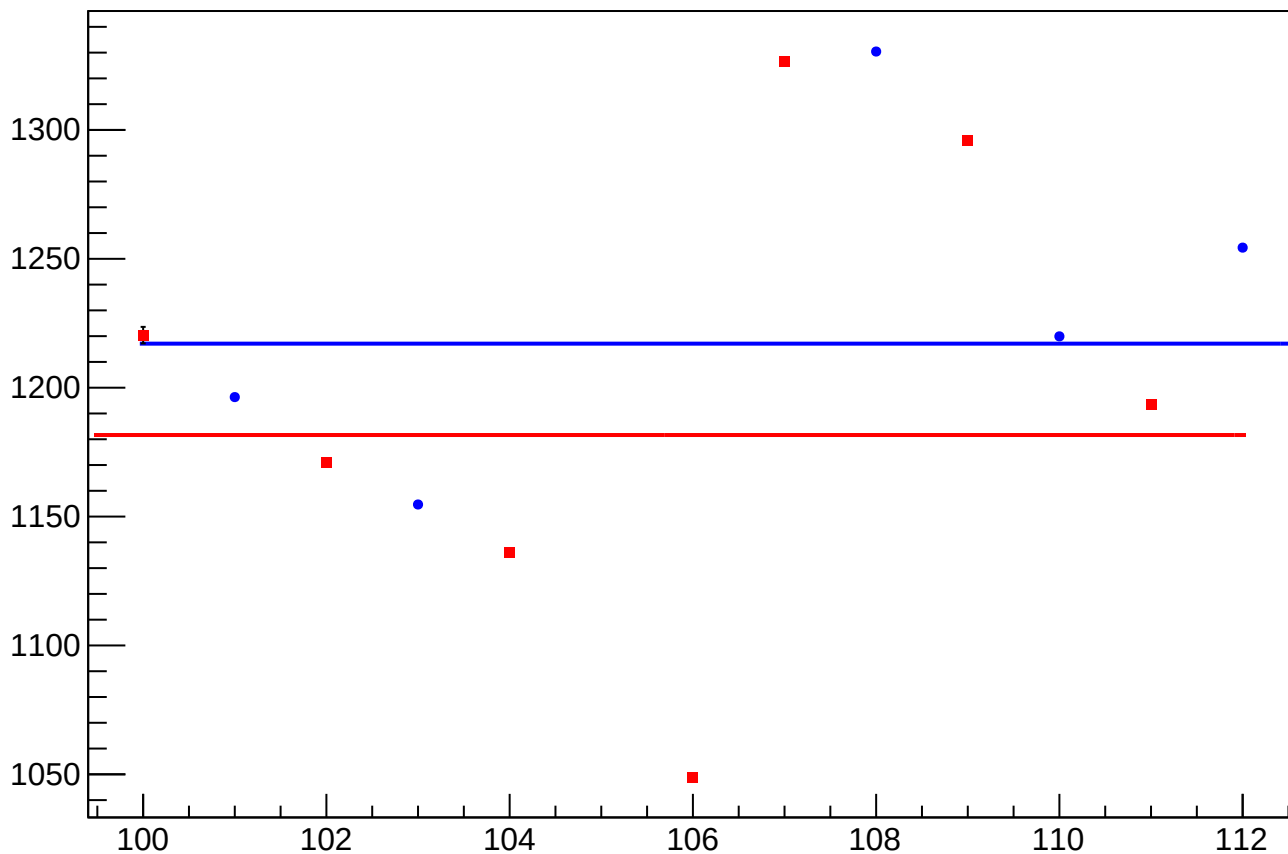
Right: -3.772 $\pm$ 0.520 χ^2 /NDF: 16.7/11

In: -3.286 $\pm$ 0.765 χ^2 /NDF:4.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -3.772 $\pm$ 0.520 χ^2 /NDF: 16.7/11

diff_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 1217.089+/-0.541 χ^2/NDF : 10552.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1181.643+/-0.500 χ^2/NDF : 26768.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

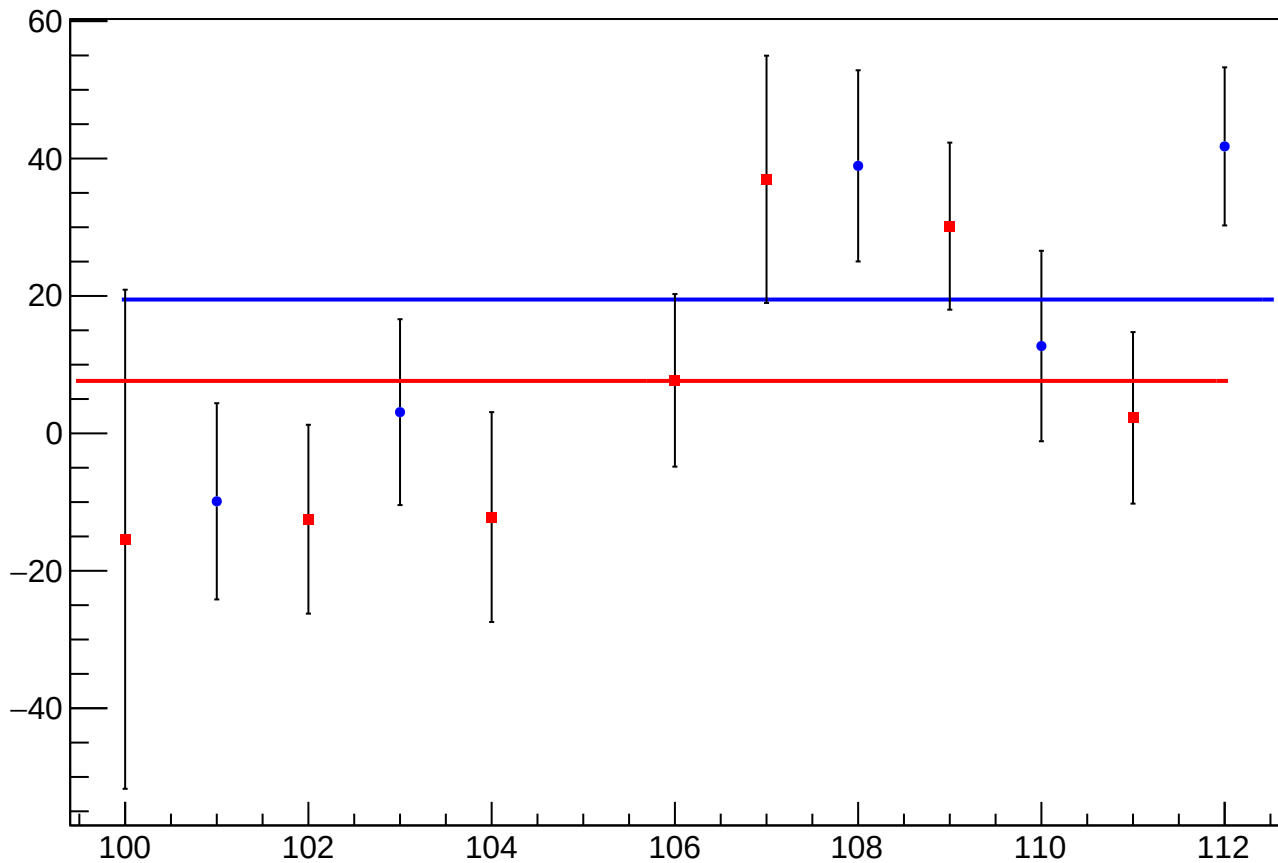
Right: 1197.978+/-0.367 χ^2/NDF : 39634.0/11

In: 1217.089+/-0.541 χ^2/NDF : 10552.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1197.978+/-0.367 χ^2/NDF : 39634.0/11

diff_bpm0l07X_mean vs Slug, Sign Corrected



Right In: 19.480+/-5.945 χ^2/NDF : 11.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.637+/-5.509 χ^2/NDF : 10.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

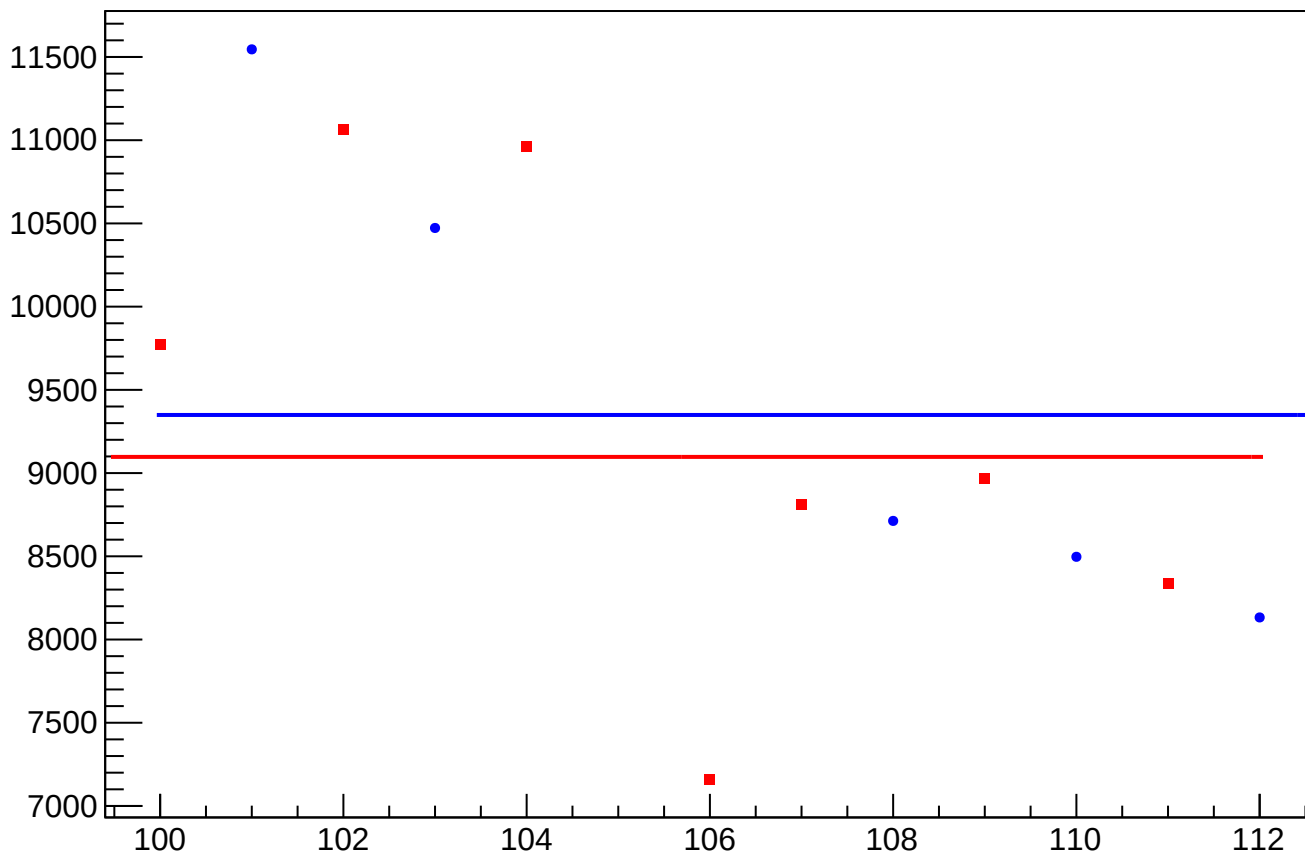
Right: 13.108+/-4.041 χ^2/NDF : 24.3/11

In: 19.480+/-5.945 χ^2/NDF : 11.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.108+/-4.041 χ^2/NDF : 24.3/11

diff_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 9349.190+/-4.203 χ^2/NDF : 95238.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9097.197+/-3.895 χ^2/NDF : 127043.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

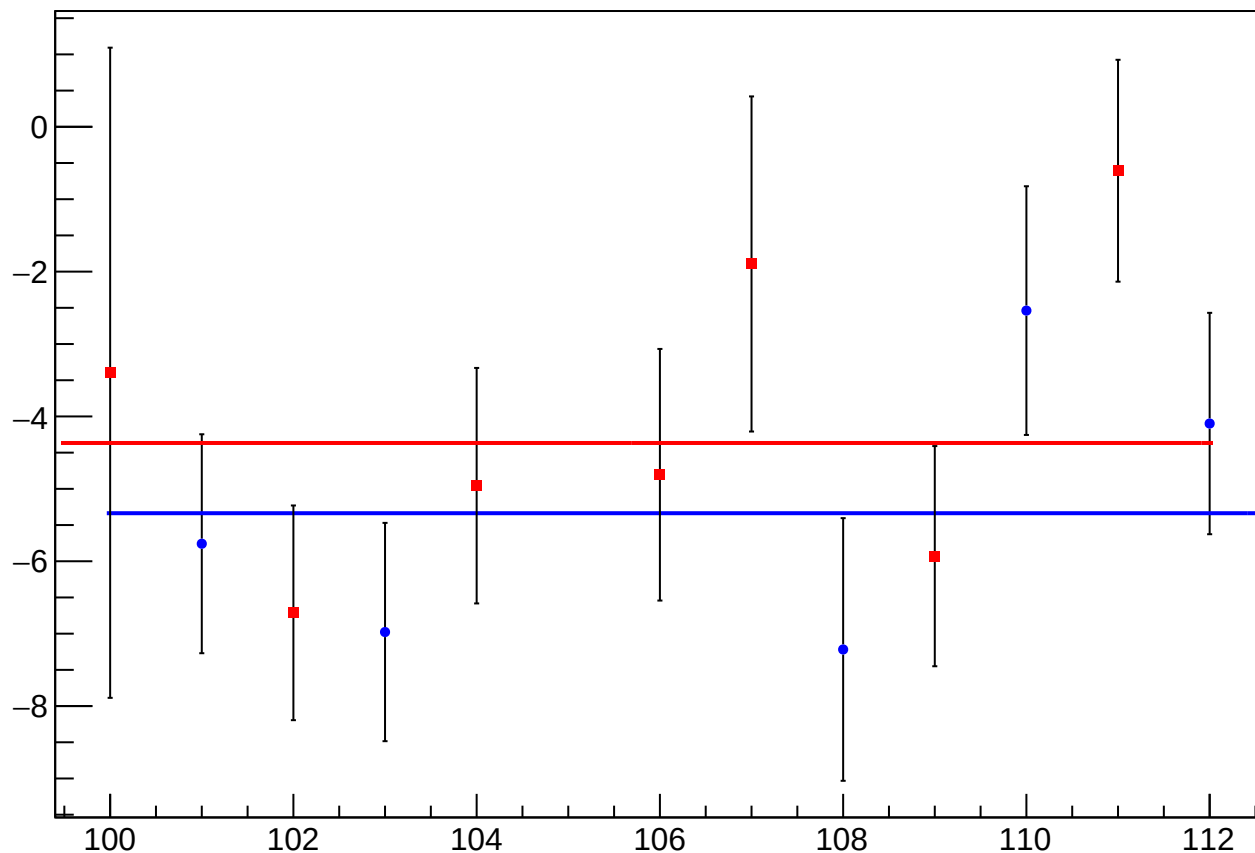
Right: 9213.615+/-2.857 χ^2/NDF : 224215.4/11

In: 9349.190+/-4.203 χ^2/NDF : 95238.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9213.615+/-2.857 χ^2/NDF : 224215.4/11

diff_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: -5.336+/-0.716 χ^2/NDF : 5.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.367+/-0.665 χ^2/NDF : 11.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

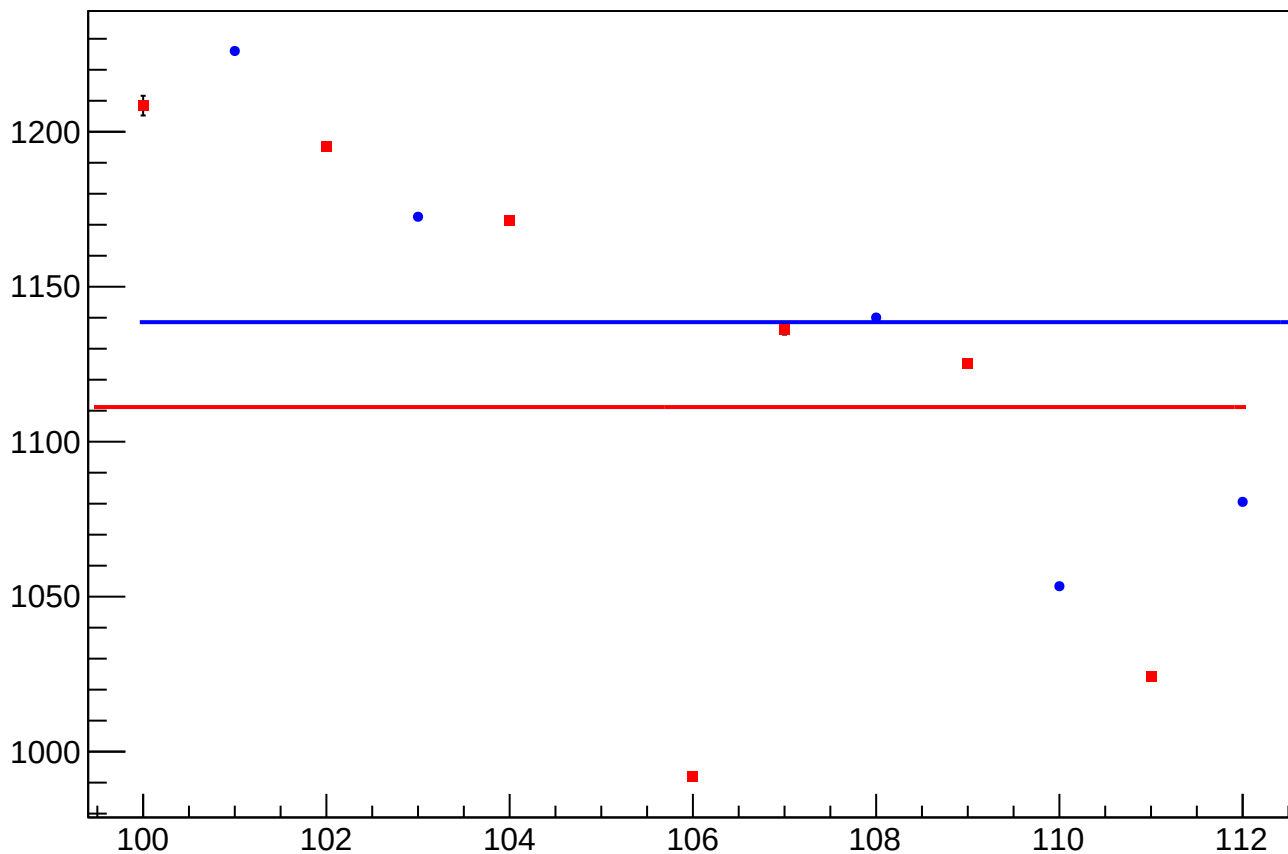
Right: -4.816+/-0.487 χ^2/NDF : 17.6/11

In: -5.336+/-0.716 χ^2/NDF : 5.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.816+/-0.487 χ^2/NDF : 17.6/11

diff_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 1138.568+/-0.507 χ^2/NDF : 15517.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1111.178+/-0.470 χ^2/NDF : 26393.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

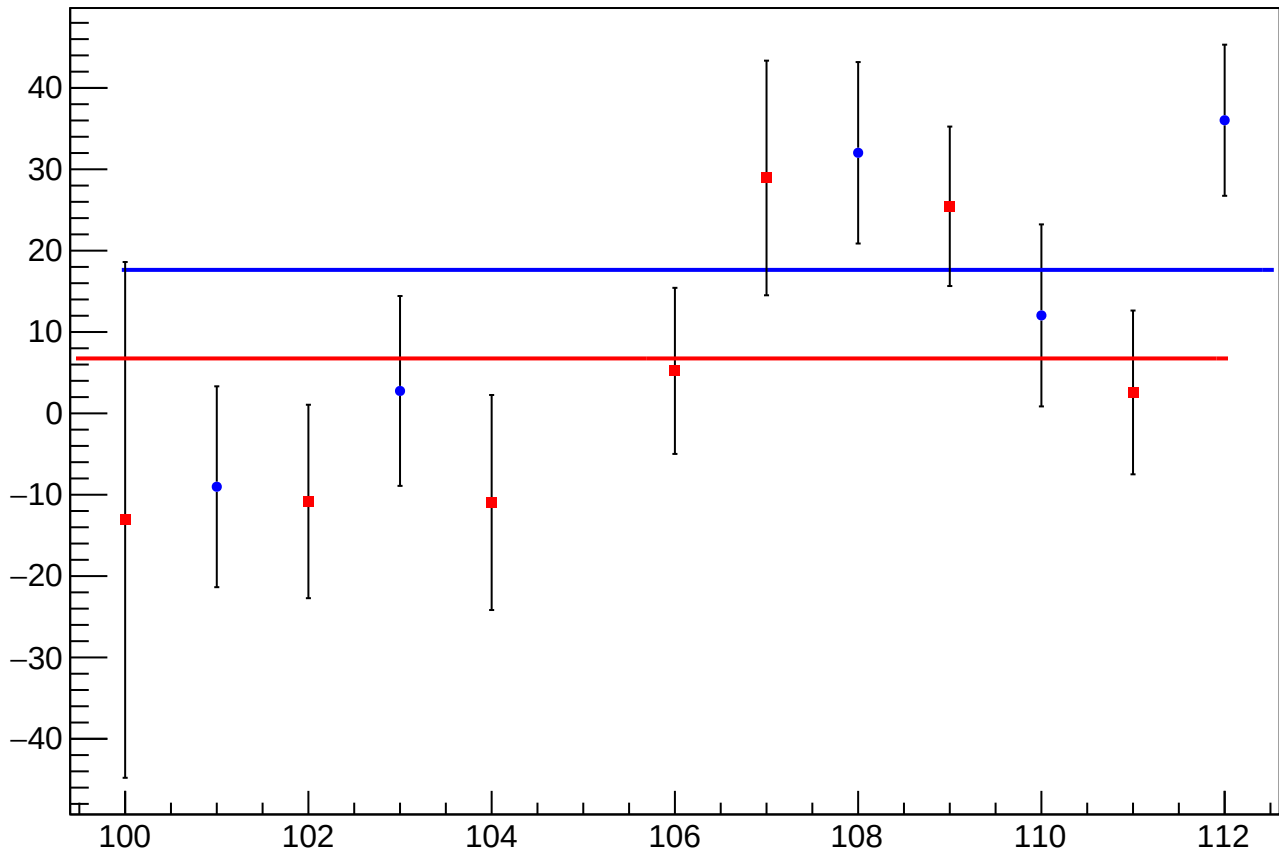
Right: 1123.861+/-0.345 χ^2/NDF : 43480.4/11

In: 1138.568+/-0.507 χ^2/NDF : 15517.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1123.861+/-0.345 χ^2/NDF : 43480.4/11

diff_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 17.636 $\pm$ 4.907 χ^2 /NDF: 12.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.751 $\pm$ 4.541 χ^2 /NDF: 10.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

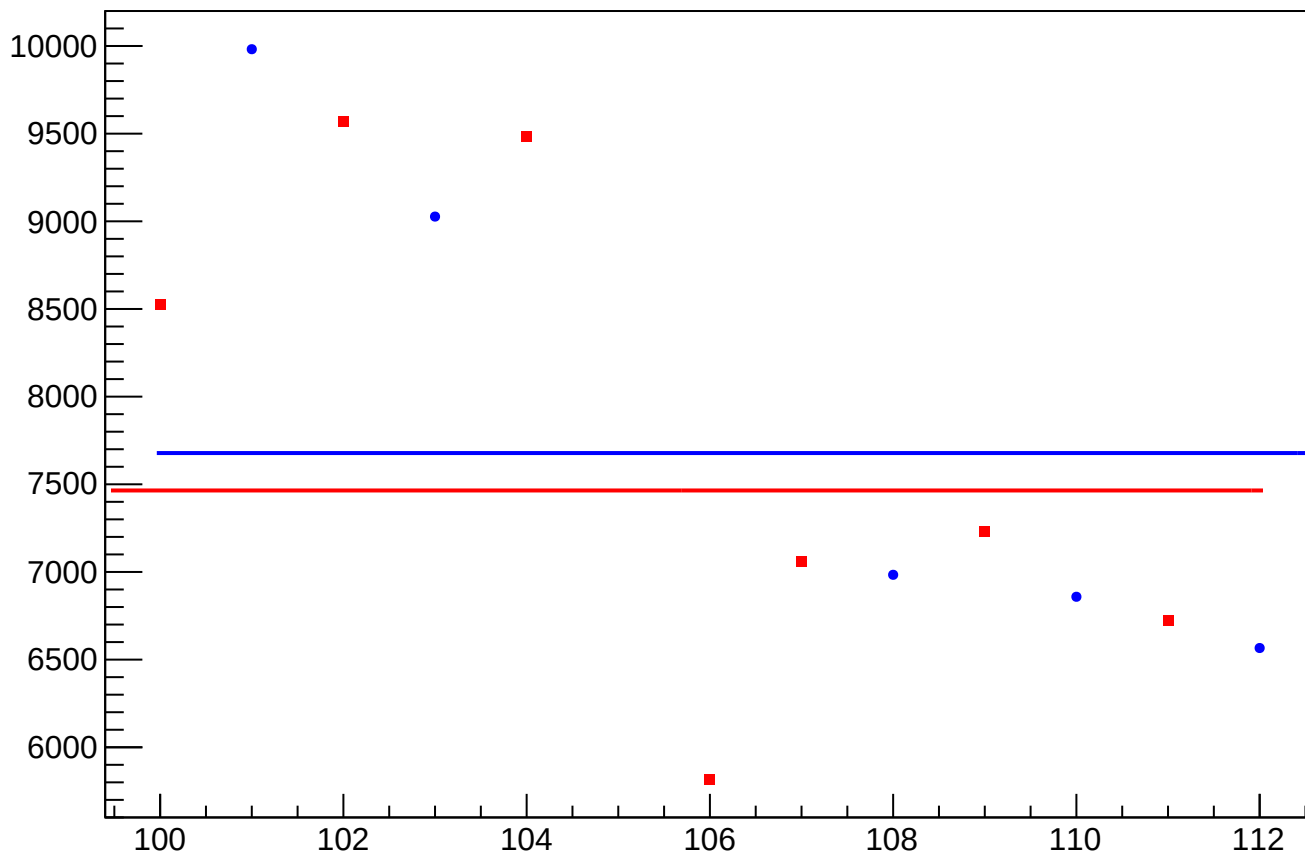
Right: 11.773 $\pm$ 3.333 χ^2 /NDF: 25.4/11

In: 17.636 $\pm$ 4.907 χ^2 /NDF: 12.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.773 $\pm$ 3.333 χ^2 /NDF: 25.4/11

diff_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 7678.222+/-3.470 χ^2/NDF : 143530.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7464.794+/-3.211 χ^2/NDF : 177329.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

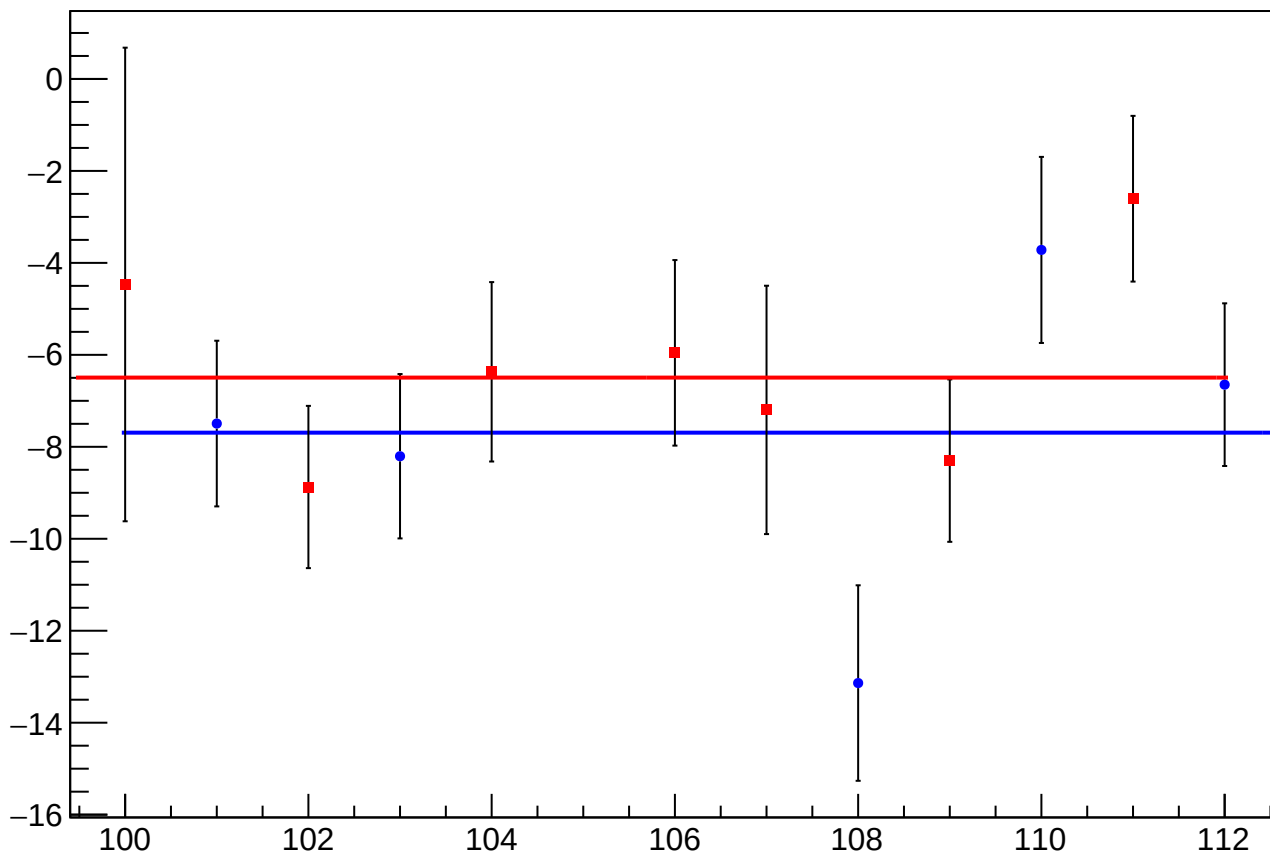
Right: 7563.259+/-2.357 χ^2/NDF : 322897.7/11

In: 7678.222+/-3.470 χ^2/NDF : 143530.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7563.259+/-2.357 χ^2/NDF : 322897.7/11

diff_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -7.692+/-0.843 χ^2/NDF : 10.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.495+/-0.783 χ^2/NDF : 7.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

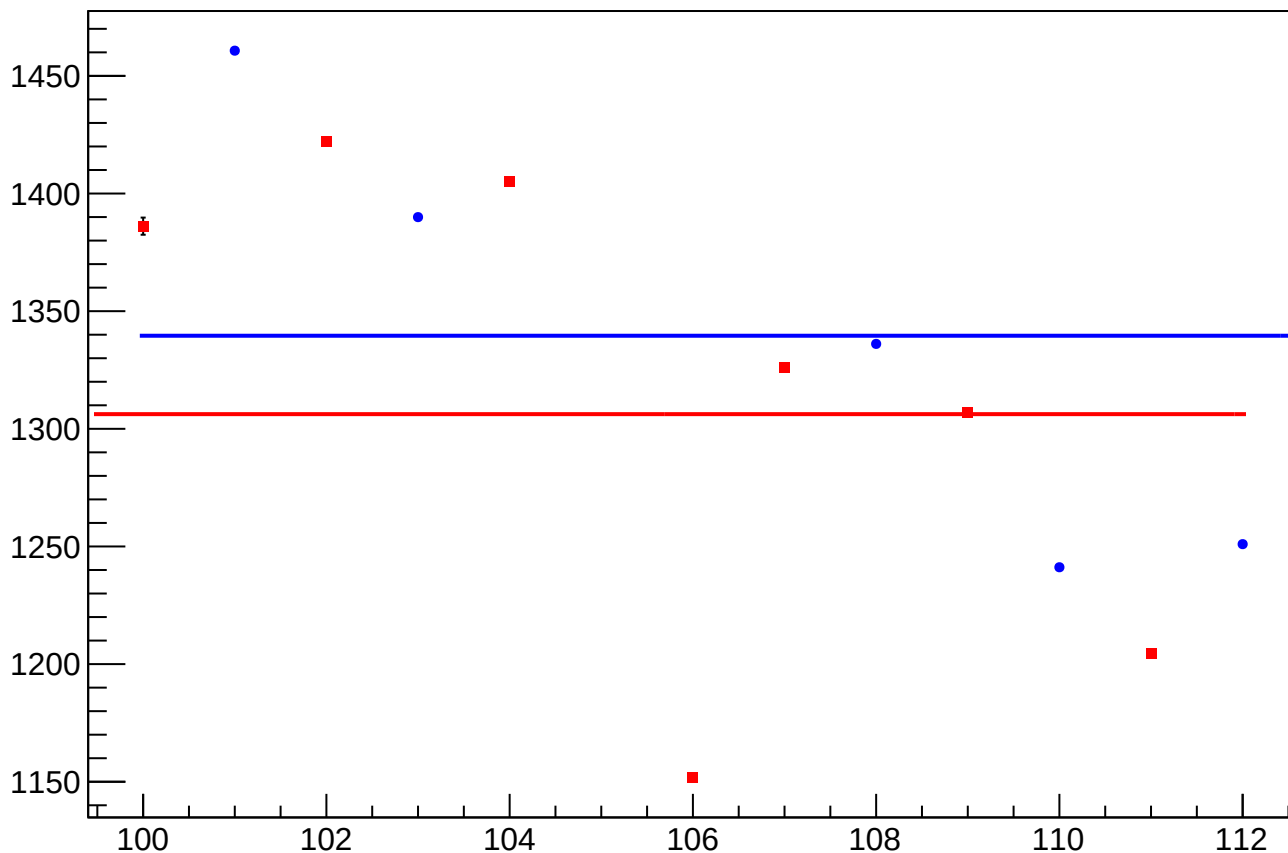
Right: -7.049+/-0.574 χ^2/NDF : 19.8/11

In: -7.692+/-0.843 χ^2/NDF : 10.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.049+/-0.574 χ^2/NDF : 19.8/11

diff_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 1339.562 $\pm$ 0.596 χ^2 /NDF: 20387.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1306.238 $\pm$ 0.553 χ^2 /NDF: 32431.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

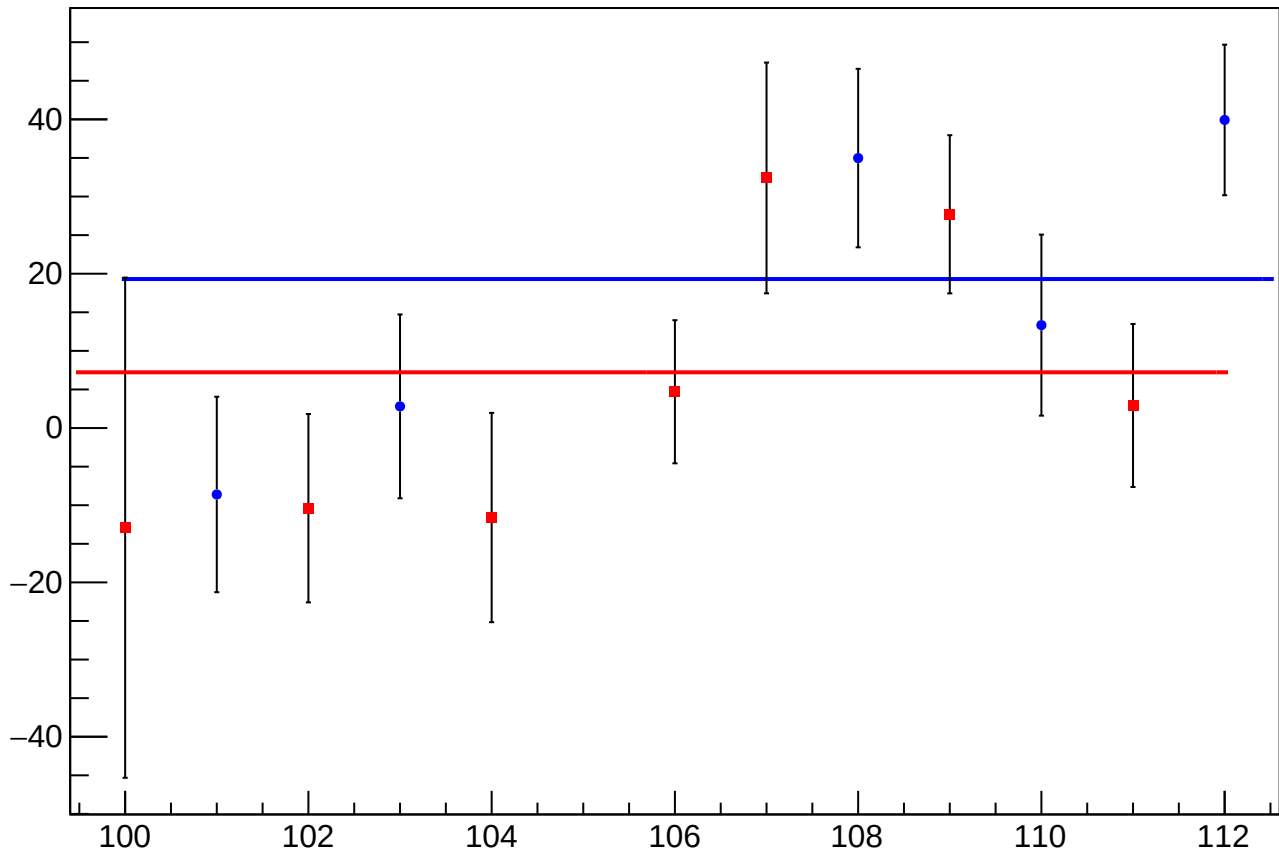
Right: 1321.657 $\pm$ 0.406 χ^2 /NDF: 54497.0/11

In: 1339.562 $\pm$ 0.596 χ^2 /NDF:20387.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1321.657 $\pm$ 0.406 χ^2 /NDF: 54497.0/11

diff_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 19.309+/-5.094 χ^2/NDF : 13.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.224+/-4.579 χ^2/NDF : 11.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

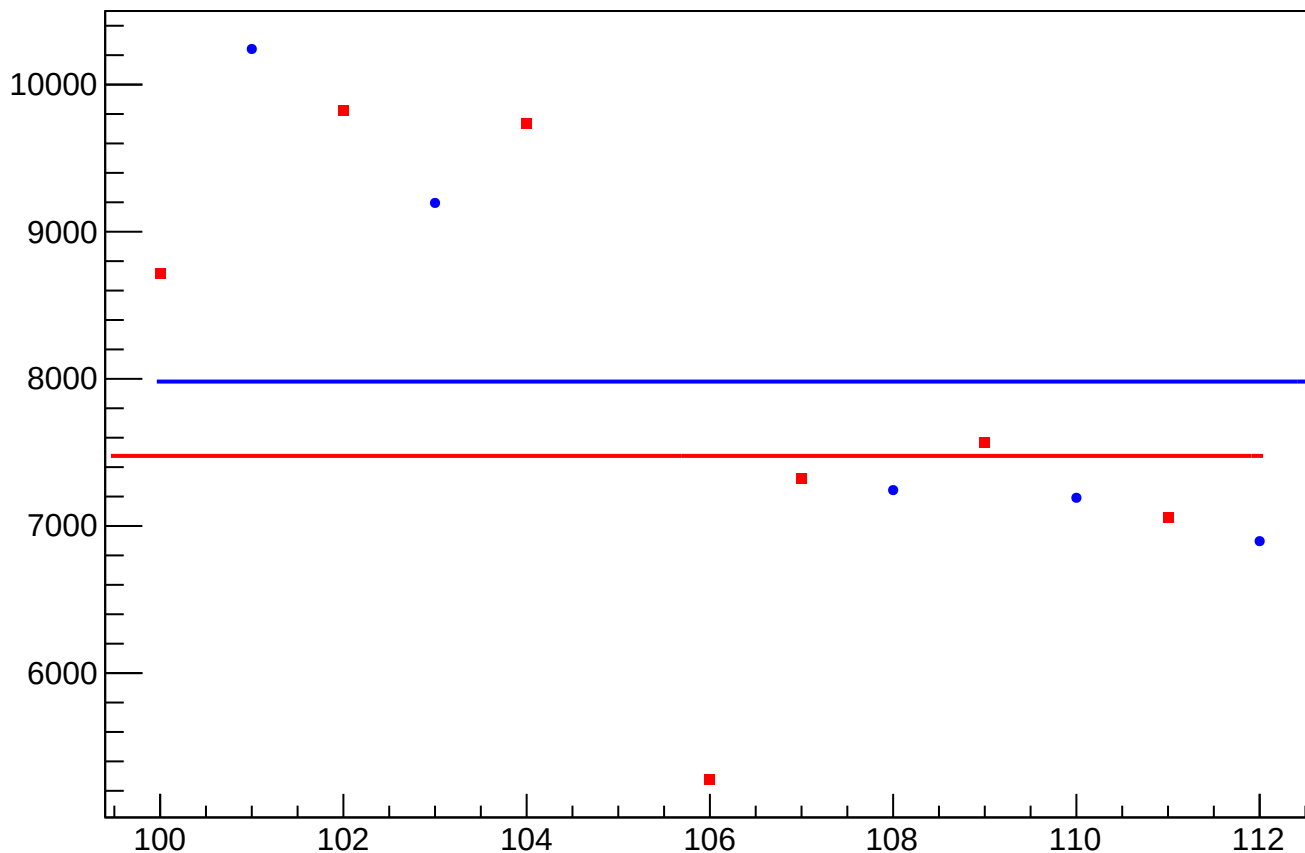
Right: 12.625+/-3.406 χ^2/NDF : 27.9/11

In: 19.309+/-5.094 χ^2/NDF : 13.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.625+/-3.406 χ^2/NDF : 27.9/11

diff_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 7981.503+/-3.602 χ^2/NDF : 126413.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7476.374+/-3.238 χ^2/NDF : 248582.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

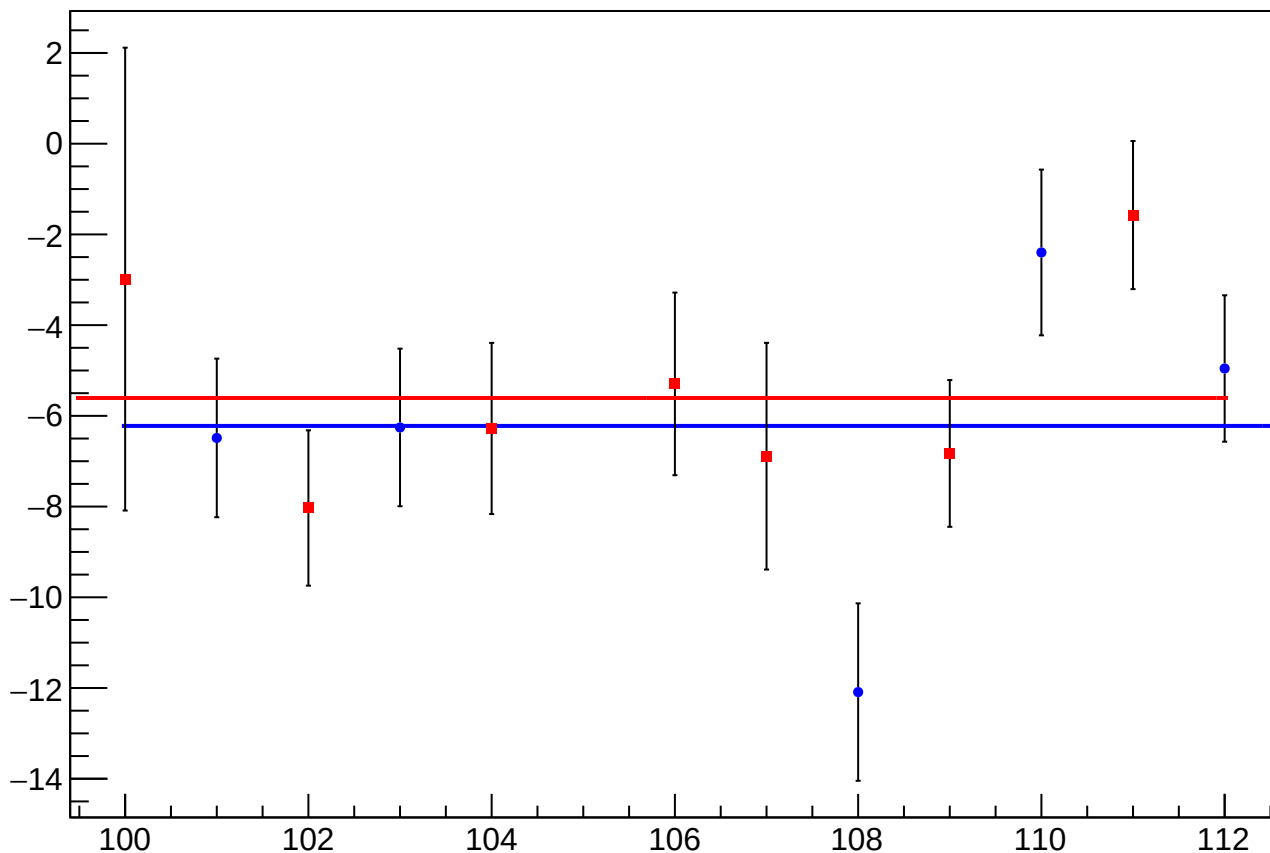
Right: 7702.122+/-2.408 χ^2/NDF : 385871.0/11

In: 7981.503+/-3.602 χ^2/NDF : 126413.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7702.122+/-2.408 χ^2/NDF : 385871.0/11

diff_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -6.222 $\pm$ 0.790 χ^2 /NDF: 14.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -5.606 $\pm$ 0.740 χ^2 /NDF: 9.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

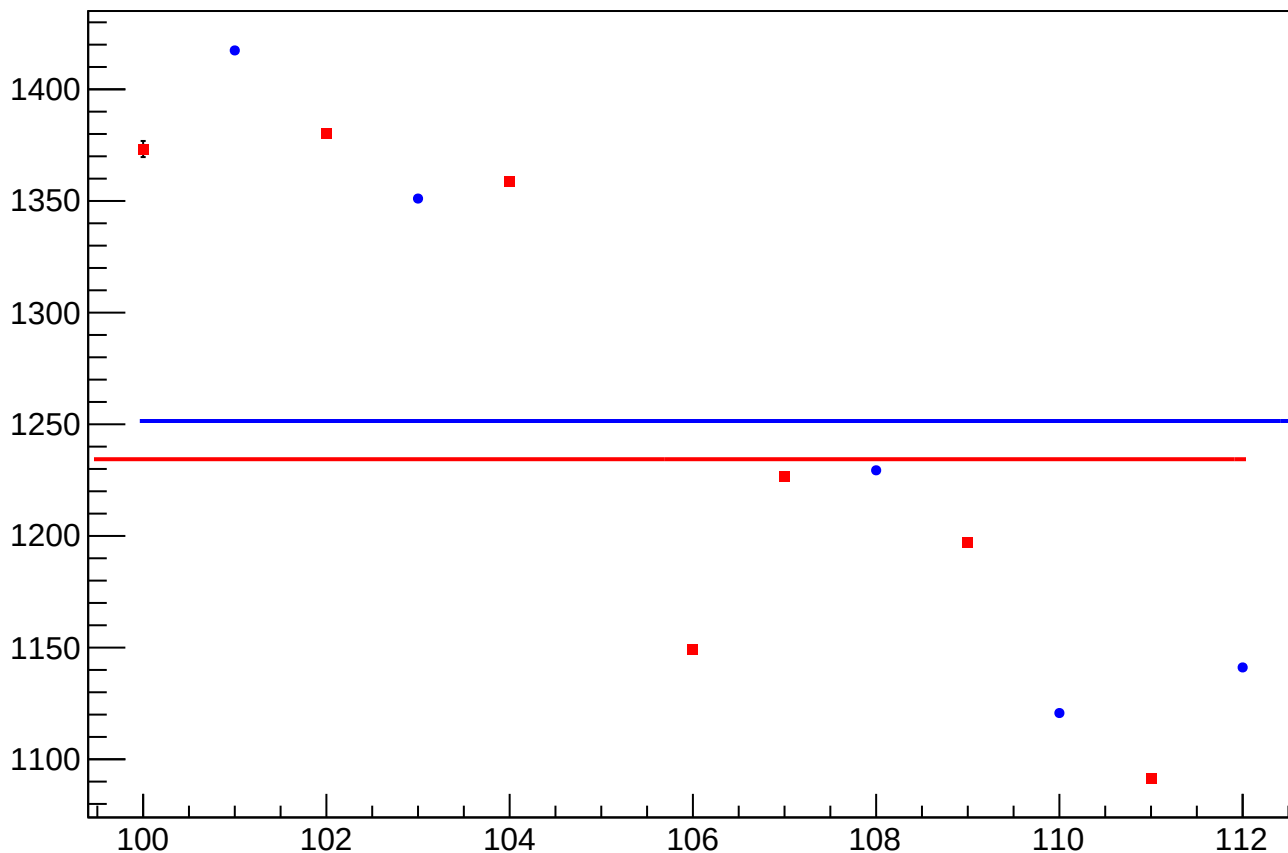
Right: -5.894 $\pm$ 0.540 χ^2 /NDF: 23.7/11

In: -6.222 $\pm$ 0.790 χ^2 /NDF: 14.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -5.894 $\pm$ 0.540 χ^2 /NDF: 23.7/11

diff_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 1251.474+/-0.558 χ^2/NDF : 44450.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1234.361+/-0.523 χ^2/NDF : 44663.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

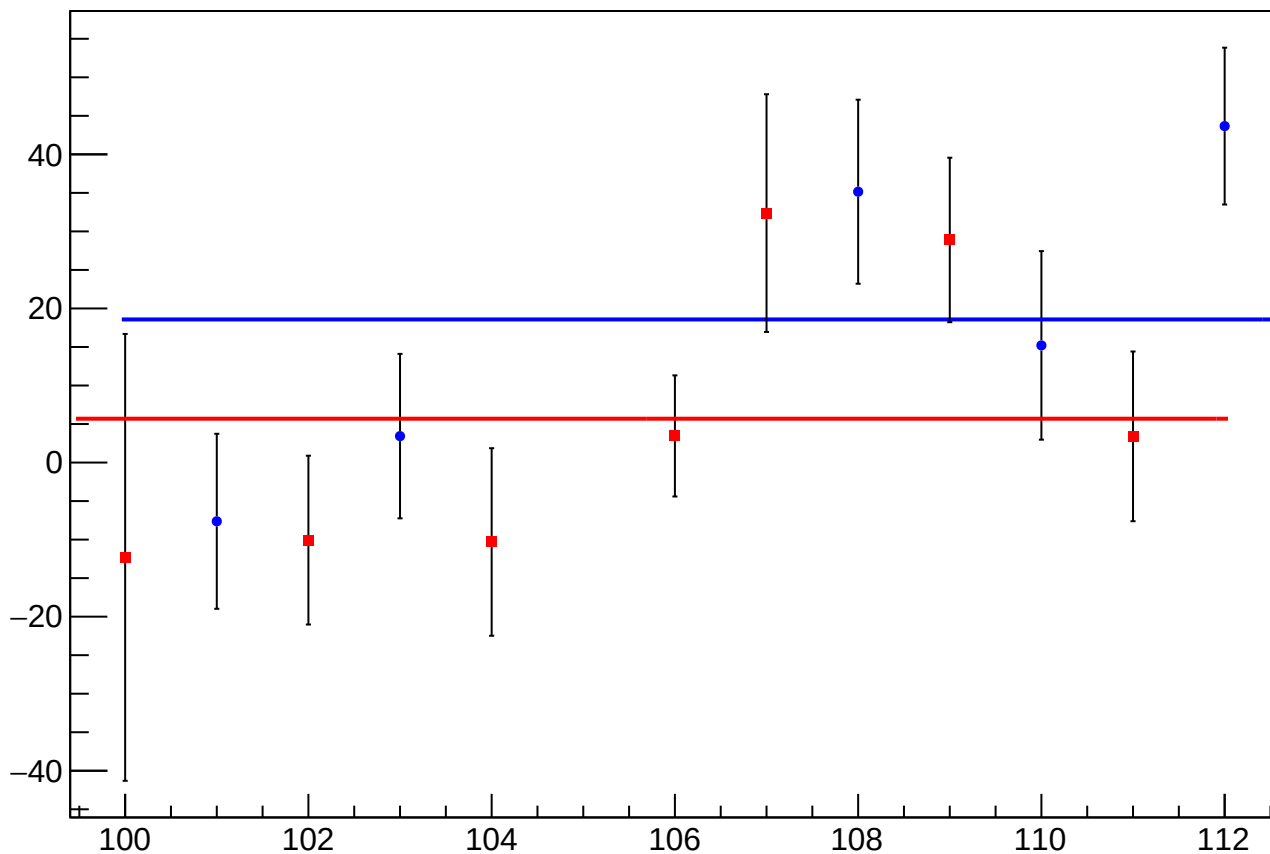
Right: 1242.366+/-0.382 χ^2/NDF : 89613.6/11

In: 1251.474+/-0.558 χ^2/NDF : 44450.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1242.366+/-0.382 χ^2/NDF : 89613.6/11

diff_bpm0l10X_mean vs Slug, Sign Corrected



Right In: 18.574+/-5.008 χ^2/NDF : 15.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.691+/-4.316 χ^2/NDF : 12.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

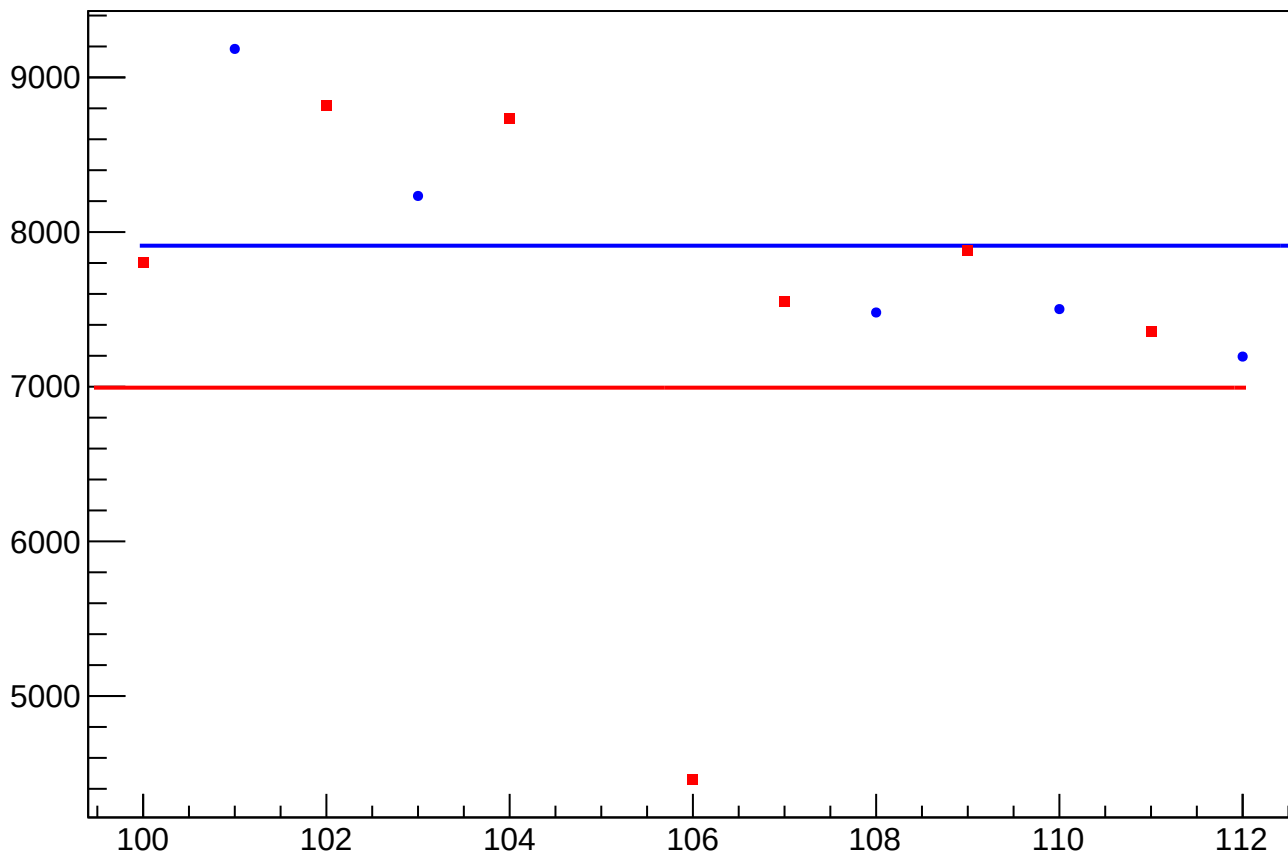
Right: 11.182+/-3.269 χ^2/NDF : 31.2/11

In: 18.574+/-5.008 χ^2/NDF : 15.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.182+/-3.269 χ^2/NDF : 31.2/11

diff_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 7911.872+/-3.541 χ^2/NDF : 41709.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6993.913+/-3.052 χ^2/NDF : 324875.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

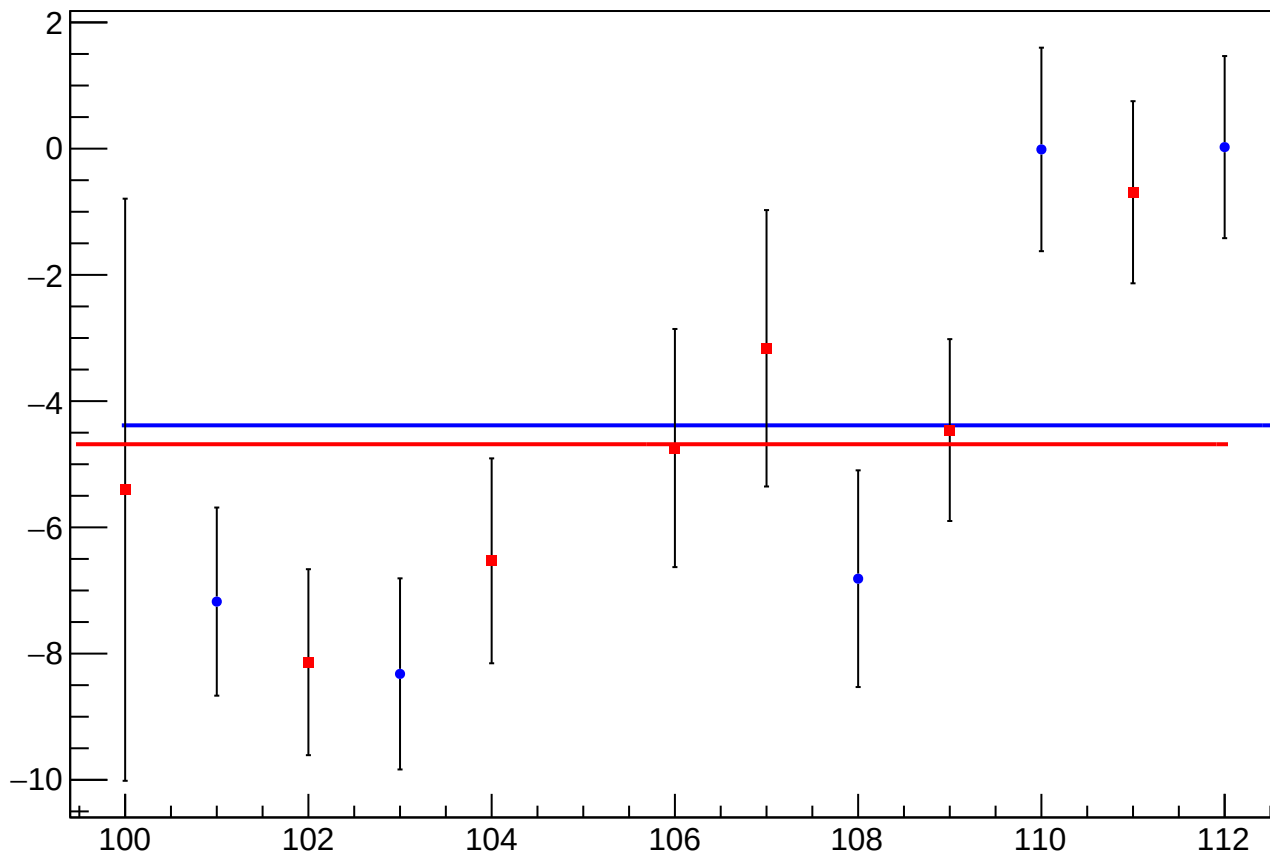
Right: 7385.181+/-2.312 χ^2/NDF : 405147.7/11

In: 7911.872+/-3.541 χ^2/NDF : 41709.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7385.181+/-2.312 χ^2/NDF : 405147.7/11

diff_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -4.384 ± 0.692 $\chi^2/\text{NDF}: 29.0/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -4.683 ± 0.654 $\chi^2/\text{NDF}: 15.0/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

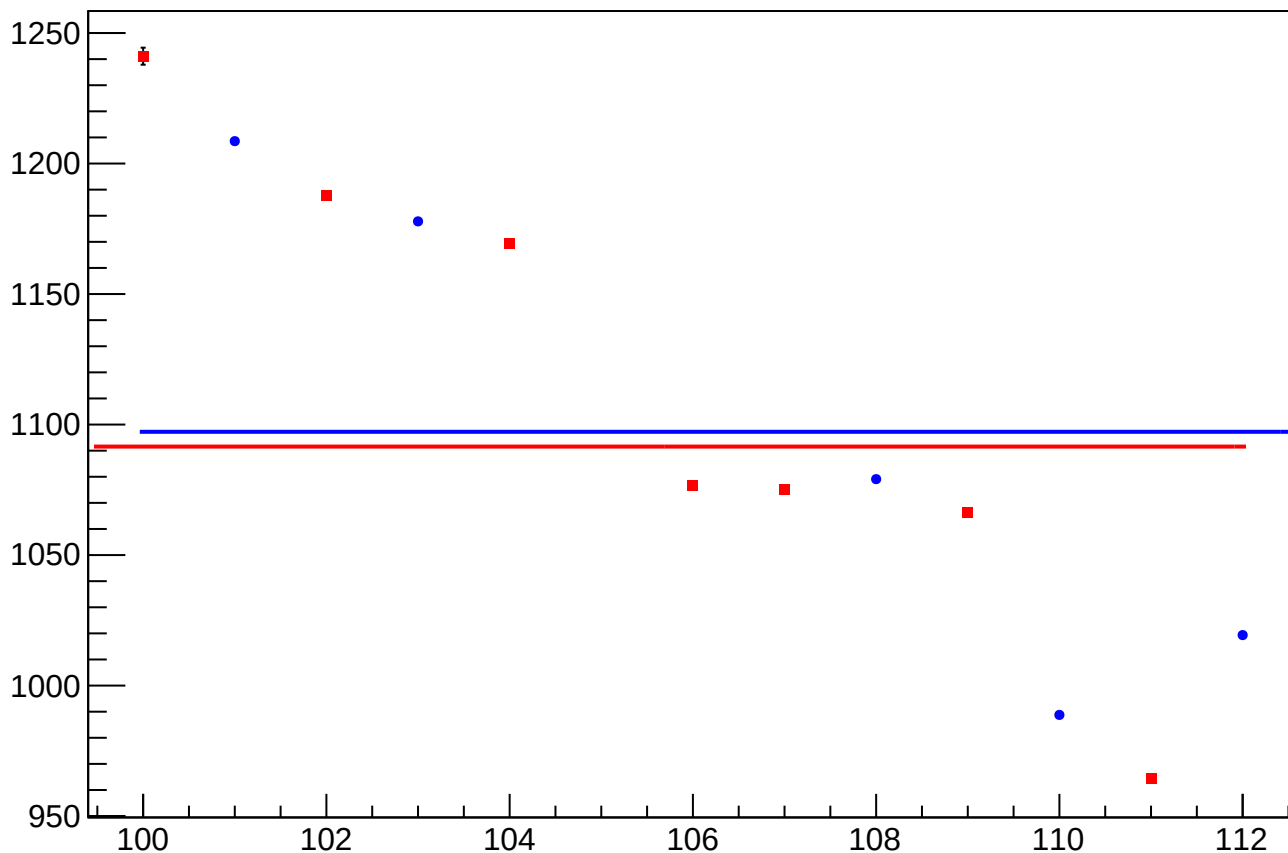
Right: -4.542 ± 0.475 $\chi^2/\text{NDF}: 44.0/11$

In: -4.384 ± 0.692 $\chi^2/\text{NDF}: 29.0/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -4.542 ± 0.475 $\chi^2/\text{NDF}: 44.0/11$

diff_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 1097.228+/-0.489 χ^2/NDF : 31940.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1091.565+/-0.462 χ^2/NDF : 31564.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

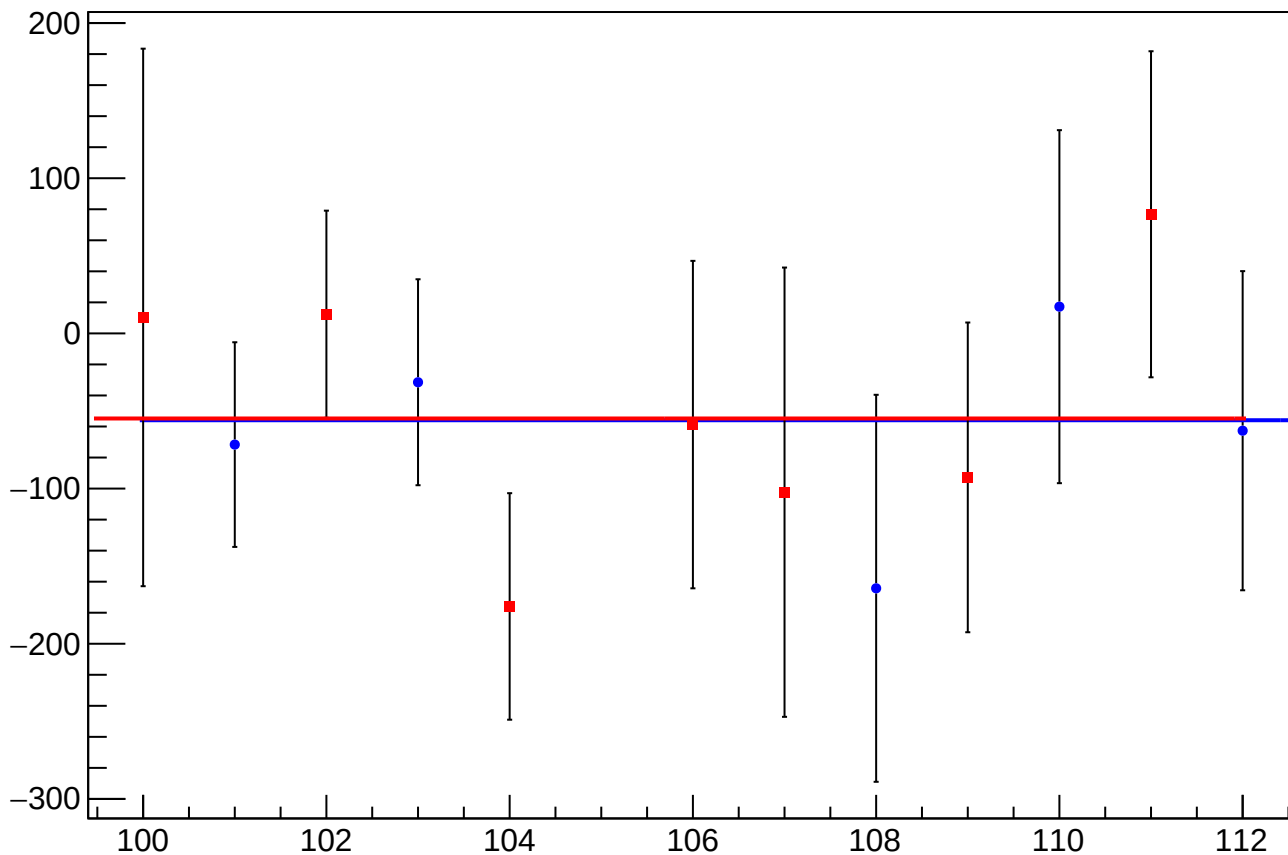
Right: 1094.238+/-0.336 χ^2/NDF : 63575.7/11

In: 1097.228+/-0.489 χ^2/NDF : 31940.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1094.238+/-0.336 χ^2/NDF : 63575.7/11

diff_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -55.956 $\pm$ 37.983 χ^2 /NDF: 1.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -54.834 $\pm$ 35.946 χ^2 /NDF: 5.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

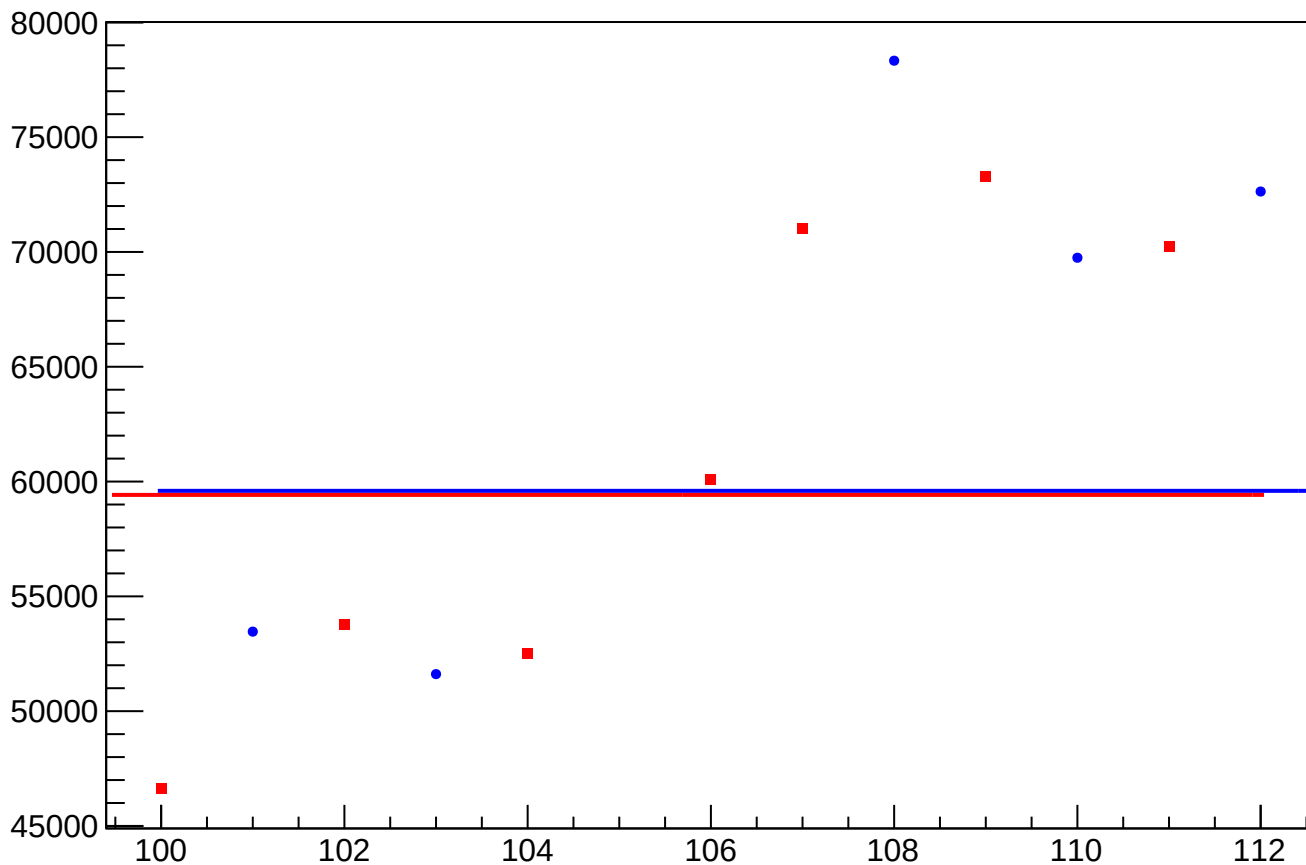
Right: -55.364 $\pm$ 26.108 χ^2 /NDF: 7.1/11

In: -55.956 $\pm$ 37.983 χ^2 /NDF:1.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -55.364 $\pm$ 26.108 χ^2 /NDF: 7.1/11

diff_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 59595.923+/-26.858 χ^2/NDF : 139436.6/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 59418.766+/-25.417 χ^2/NDF : 115887.3/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

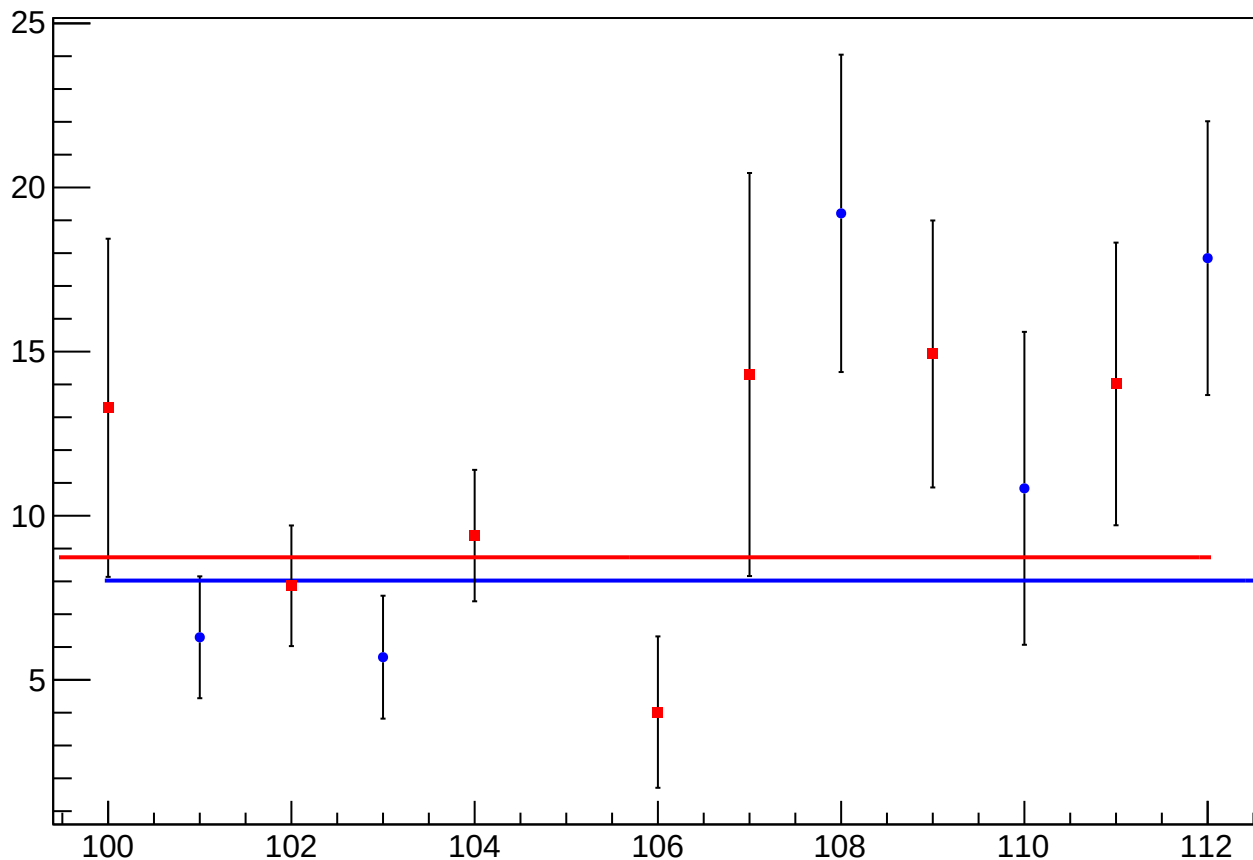
Right: 59502.467+/-18.461 χ^2/NDF : 255346.9/11

In: 59595.923+/-26.858 χ^2/NDF :139436.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 59502.467+/-18.461 χ^2/NDF : 255346.9/11

diff_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 8.025+/-1.179 χ^2/NDF : 13.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.734+/-1.047 χ^2/NDF : 9.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

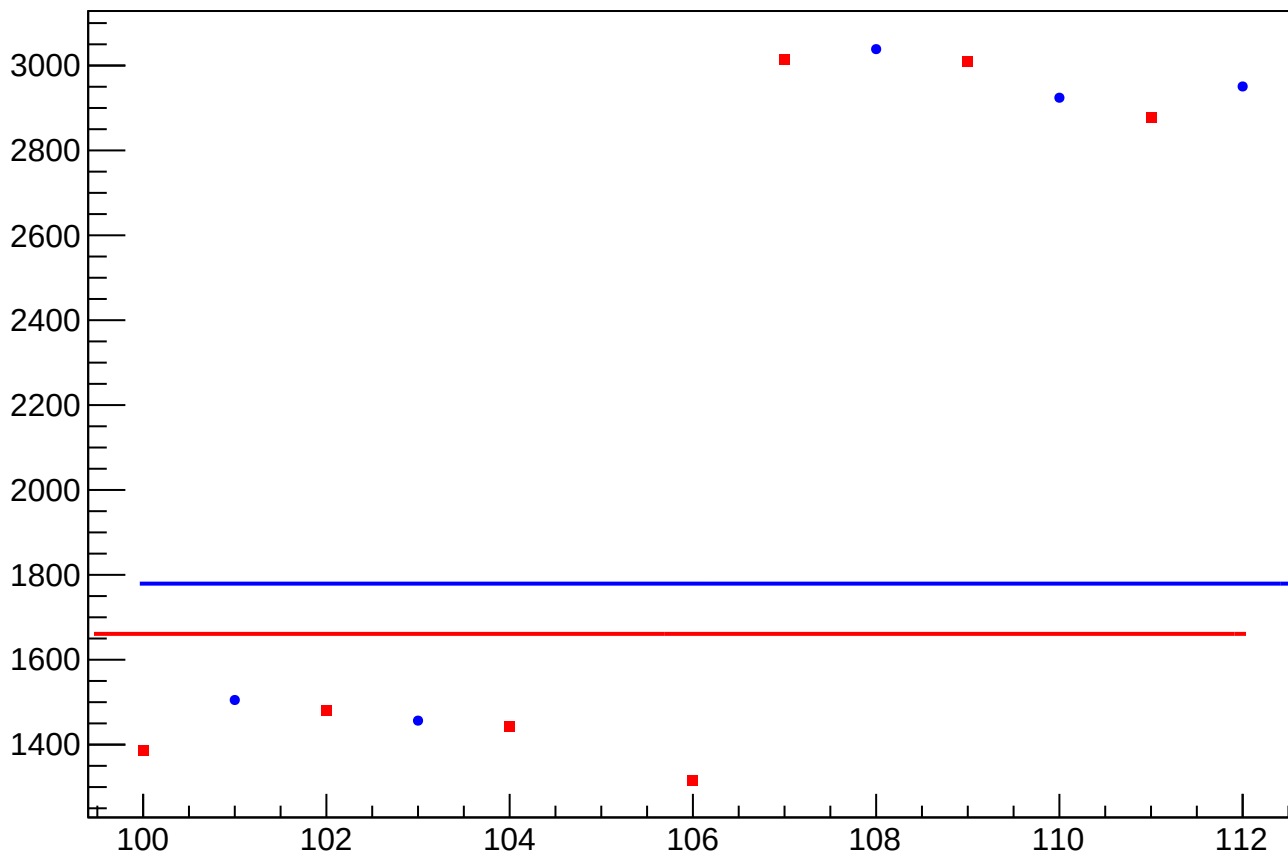
Right: 8.421+/-0.783 χ^2/NDF : 23.8/11

In: 8.025+/-1.179 χ^2/NDF : 13.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.421+/-0.783 χ^2/NDF : 23.8/11

diff_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 1779.310+/-0.834 χ^2/NDF : 511930.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1660.937+/-0.740 χ^2/NDF : 570177.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

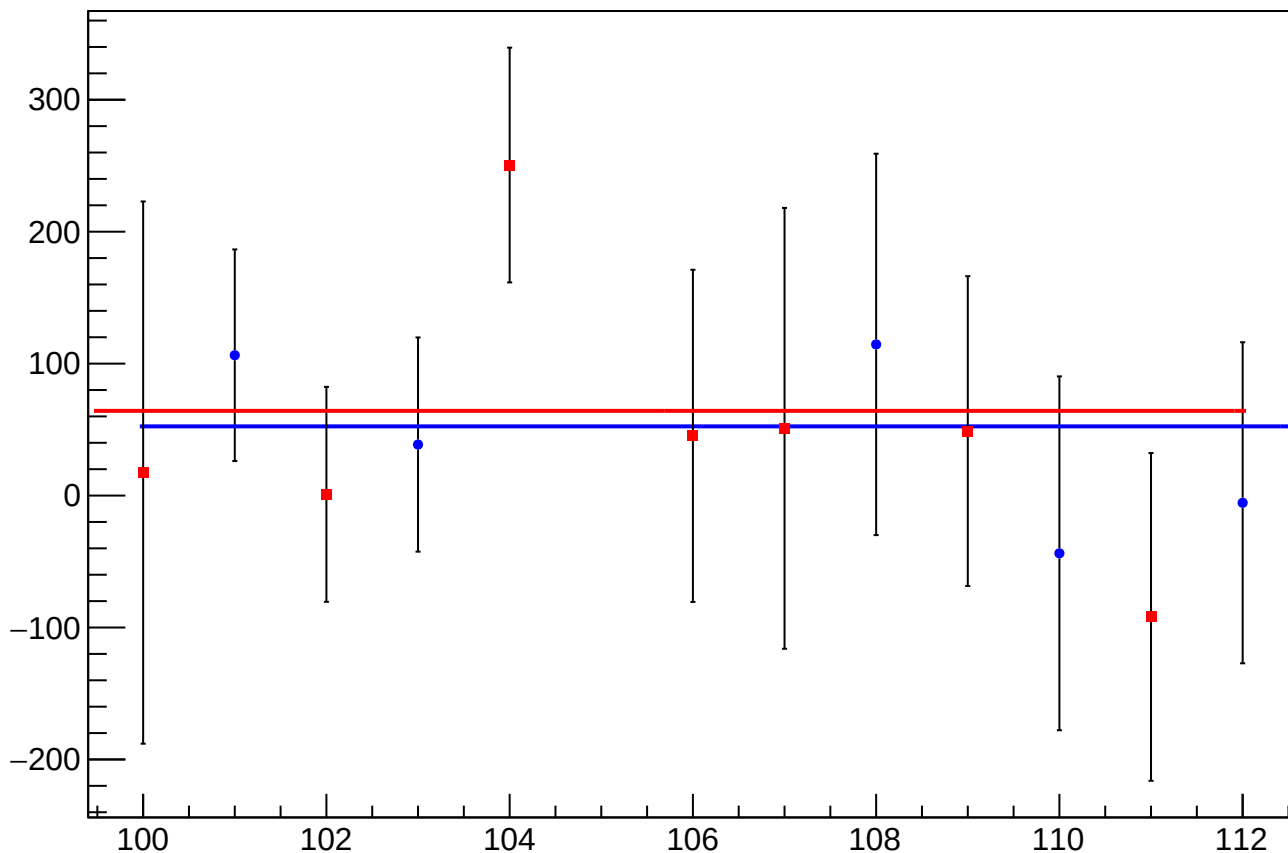
Right: 1713.138+/-0.554 χ^2/NDF : 1093382.8/11

In: 1779.310+/-0.834 χ^2/NDF : 511930.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1713.138+/-0.554 χ^2/NDF : 1093382.8/11

diff_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 52.451+/-45.727 χ^2/NDF : 1.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.196+/-43.151 χ^2/NDF : 6.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

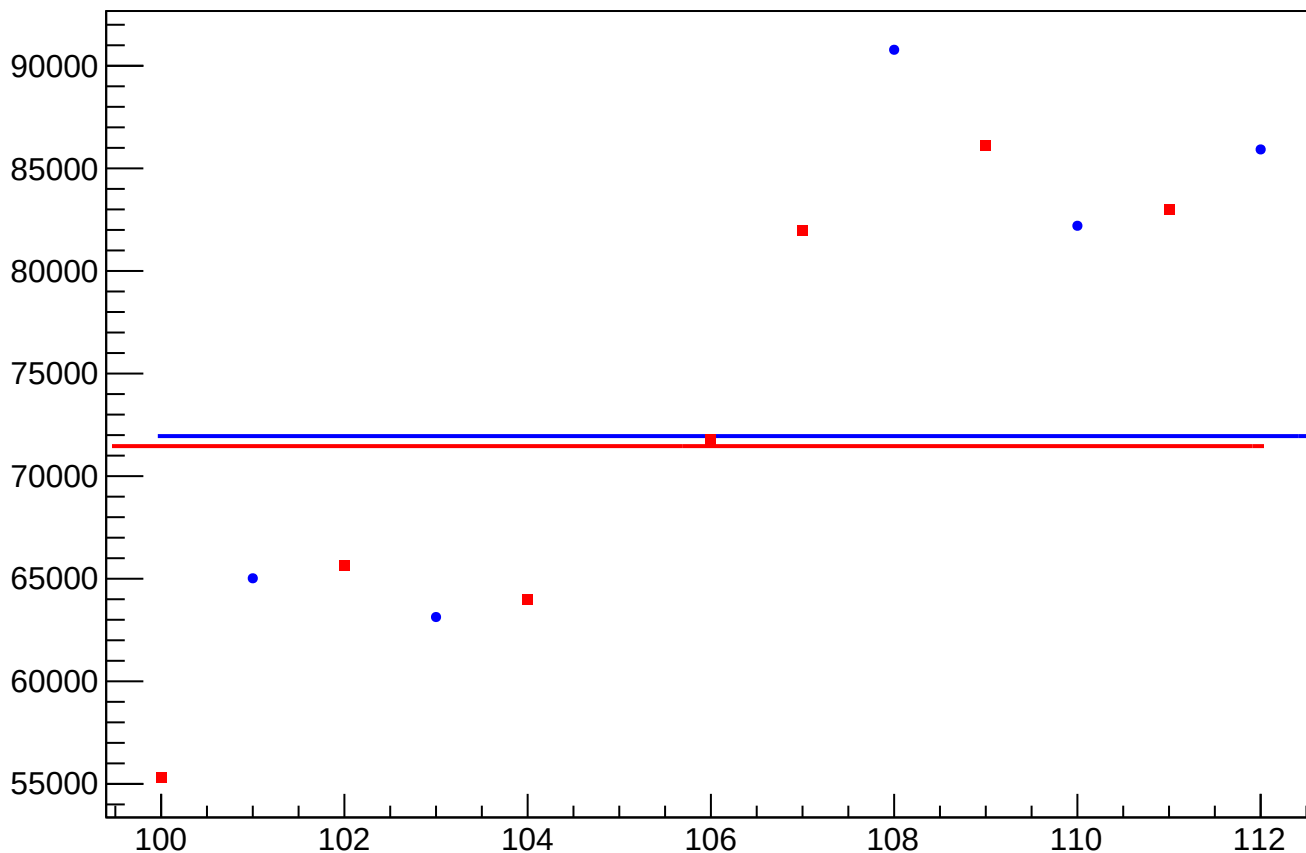
Right: 58.664+/-31.383 χ^2/NDF : 8.1/11

In: 52.451+/-45.727 χ^2/NDF : 1.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.664+/-31.383 χ^2/NDF : 8.1/11

diff_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 71951.779+/-32.334 χ^2/NDF : 110540.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71463.524+/-30.512 χ^2/NDF : 93159.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

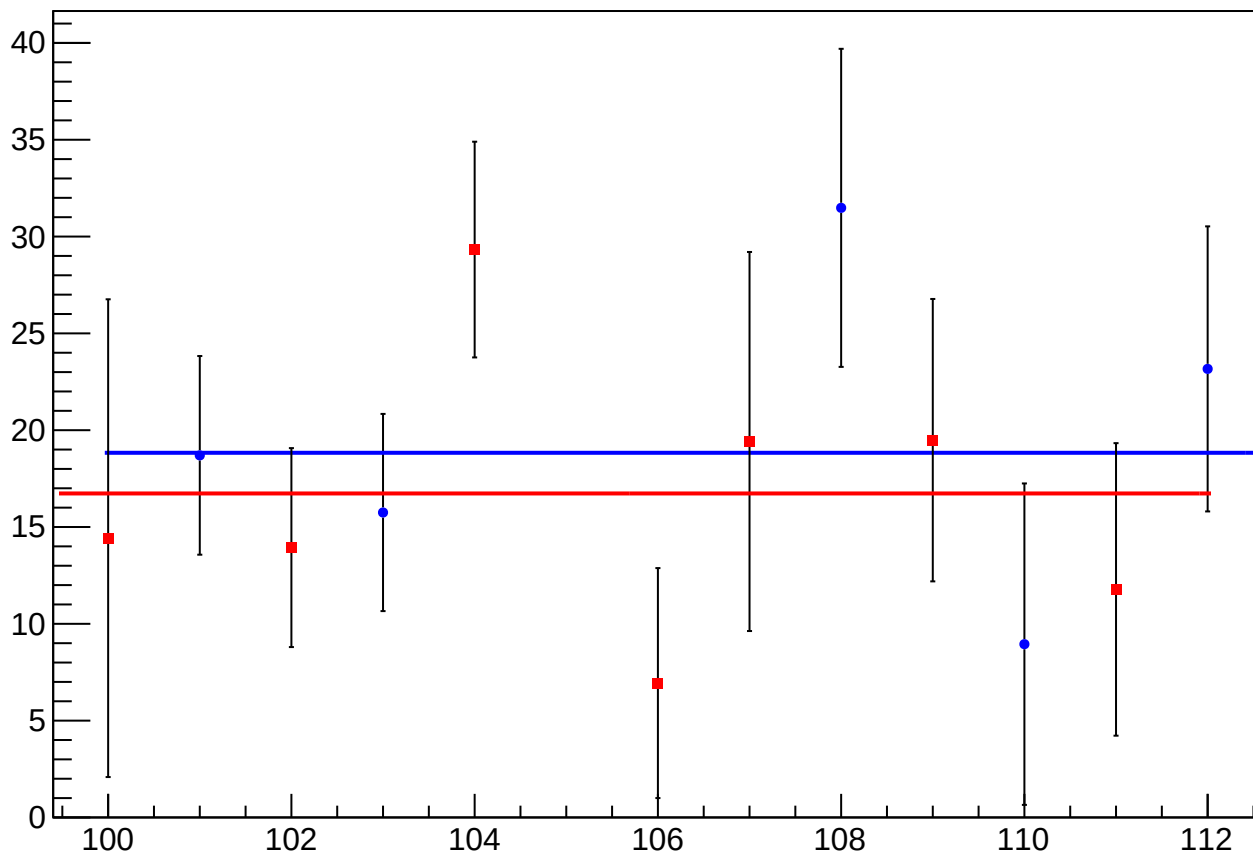
Right: 71693.511+/-22.191 χ^2/NDF : 203820.4/11

In: 71951.779+/-32.334 χ^2/NDF : 110540.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71693.511+/-22.191 χ^2/NDF : 203820.4/11

diff_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 18.833+/-2.836 χ^2/NDF : 4.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.733+/-2.567 χ^2/NDF : 8.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

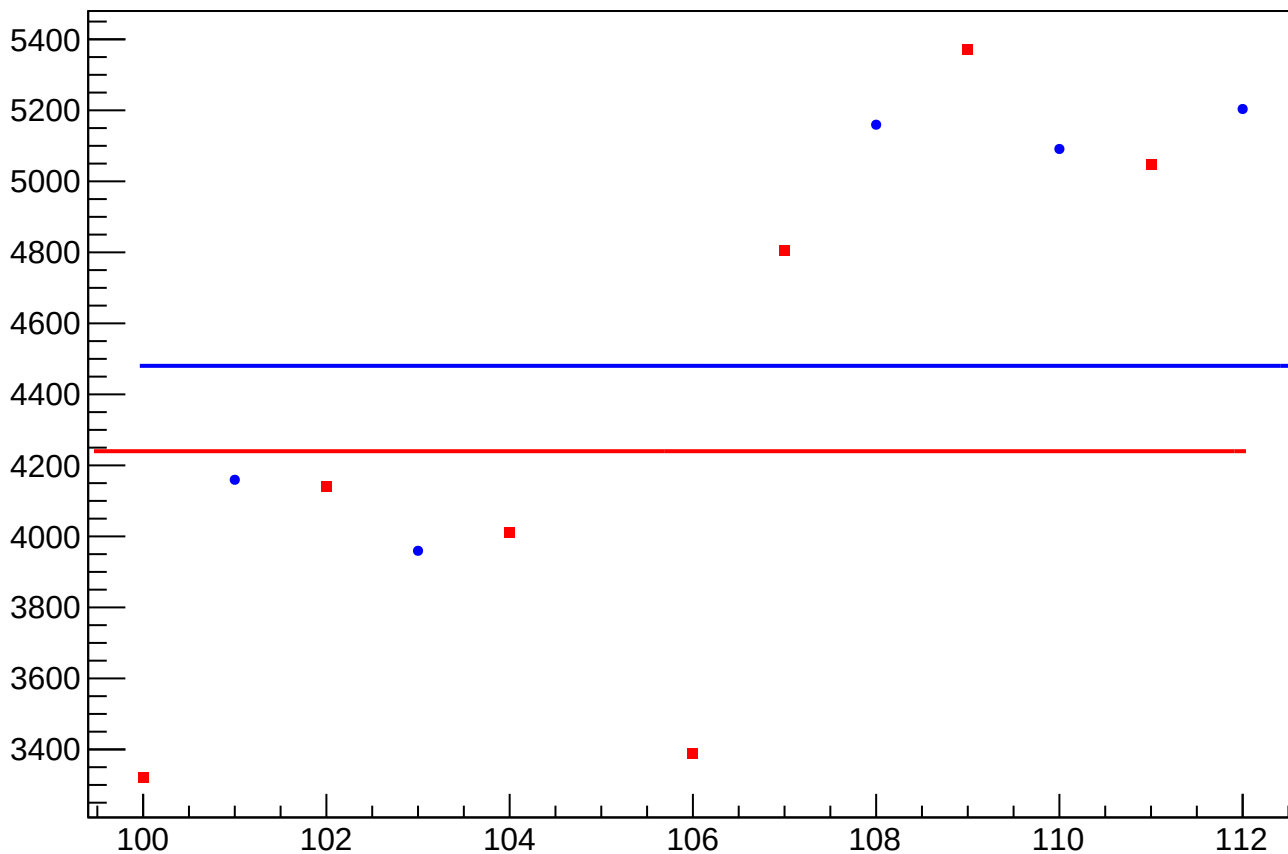
Right: 17.679+/-1.903 χ^2/NDF : 13.6/11

In: 18.833+/-2.836 χ^2/NDF : 4.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.679+/-1.903 χ^2/NDF : 13.6/11

diff_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 4480.366+/-2.005 χ^2/NDF : 72574.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4239.965+/-1.815 χ^2/NDF : 134004.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

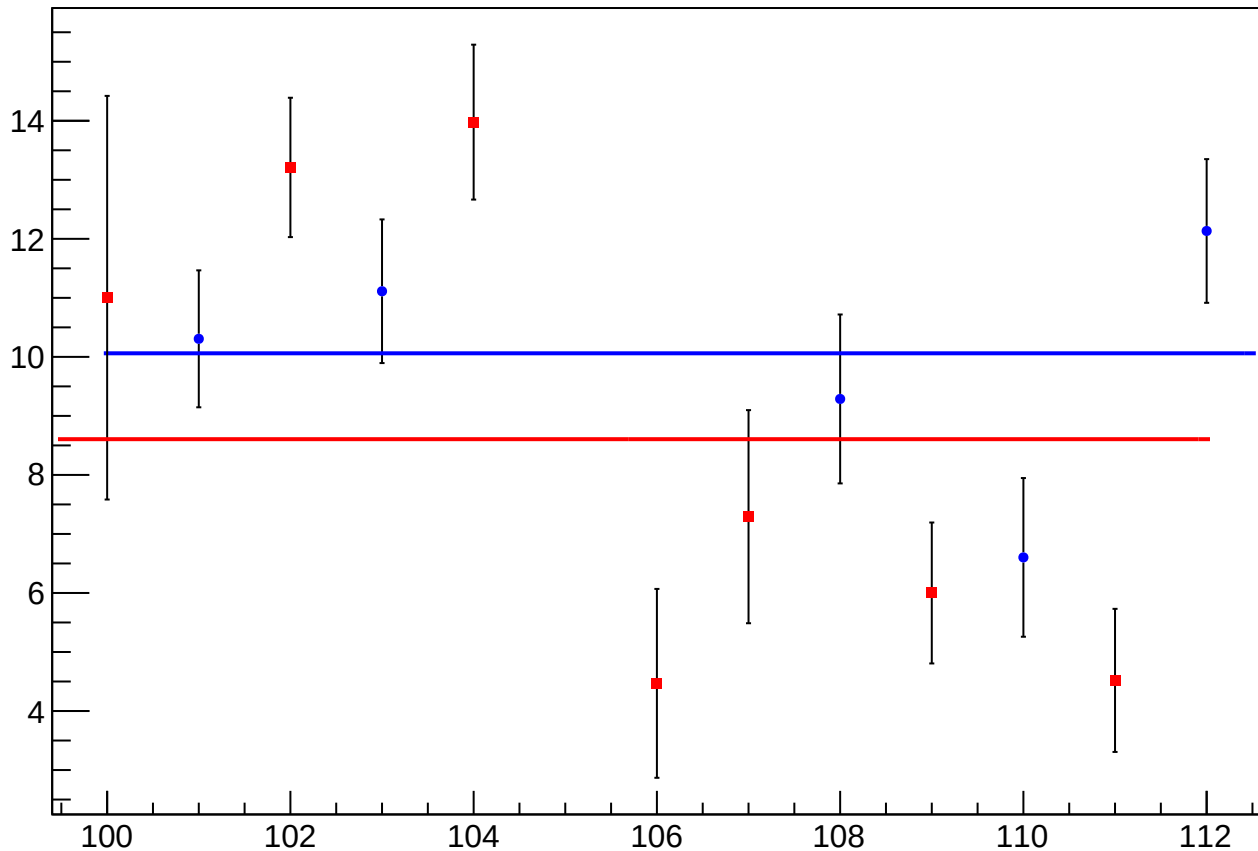
Right: 4348.223+/-1.346 χ^2/NDF : 214480.5/11

In: 4480.366+/-2.005 χ^2/NDF : 72574.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4348.223+/-1.346 χ^2/NDF : 214480.5/11

diff_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 10.061+/-0.565 χ^2/NDF : 10.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.606+/-0.537 χ^2/NDF : 55.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

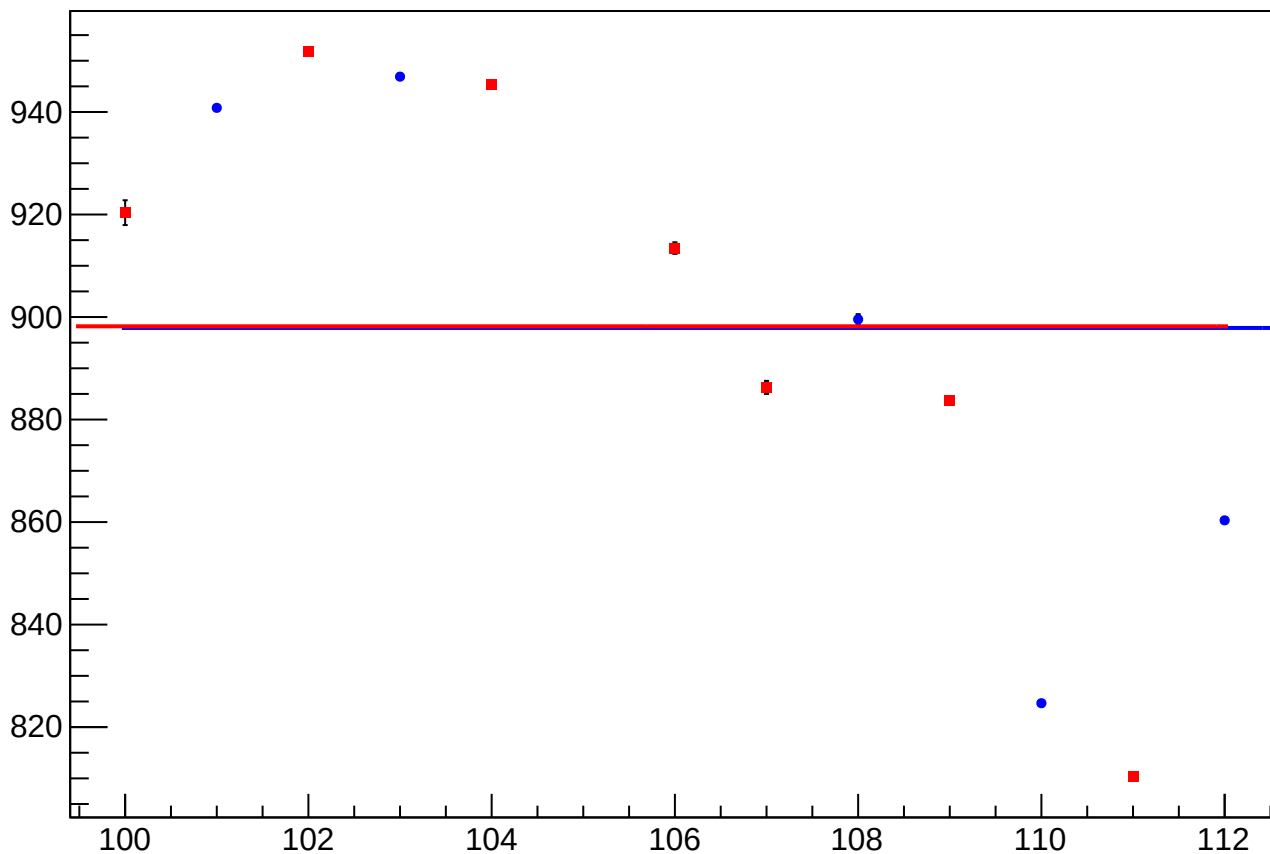
Right: 9.297+/-0.389 χ^2/NDF : 69.9/11

In: 10.061+/-0.565 χ^2/NDF : 10.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.297+/-0.389 χ^2/NDF : 69.9/11

diff_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 897.869+/-0.399 χ^2/NDF : 13818.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 898.193+/-0.380 χ^2/NDF : 17831.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

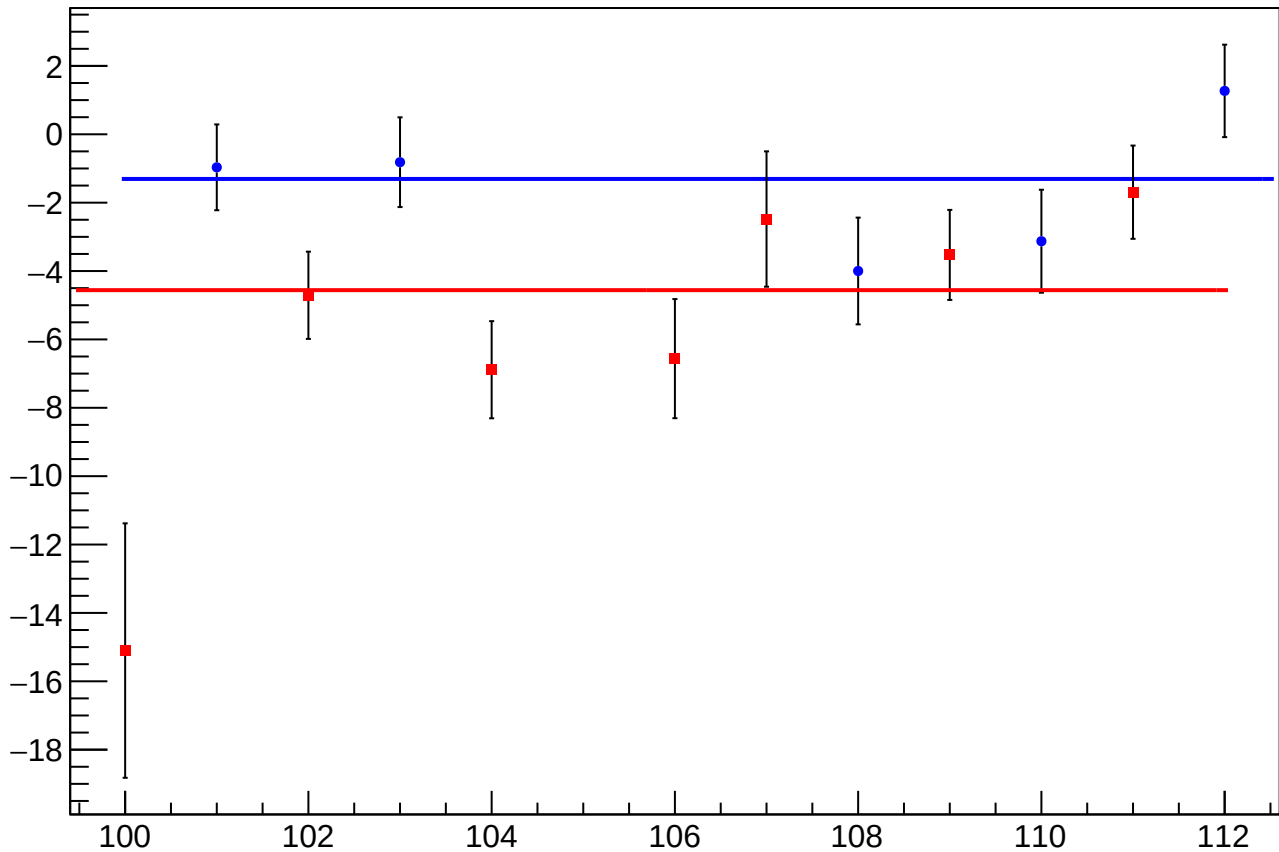
Right: 898.039+/-0.275 χ^2/NDF : 31650.6/11

In: 897.869+/-0.399 χ^2/NDF : 13818.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 898.039+/-0.275 χ^2/NDF : 31650.6/11

diff_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -1.306+/-0.619 χ^2/NDF : 8.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.559+/-0.589 χ^2/NDF : 18.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

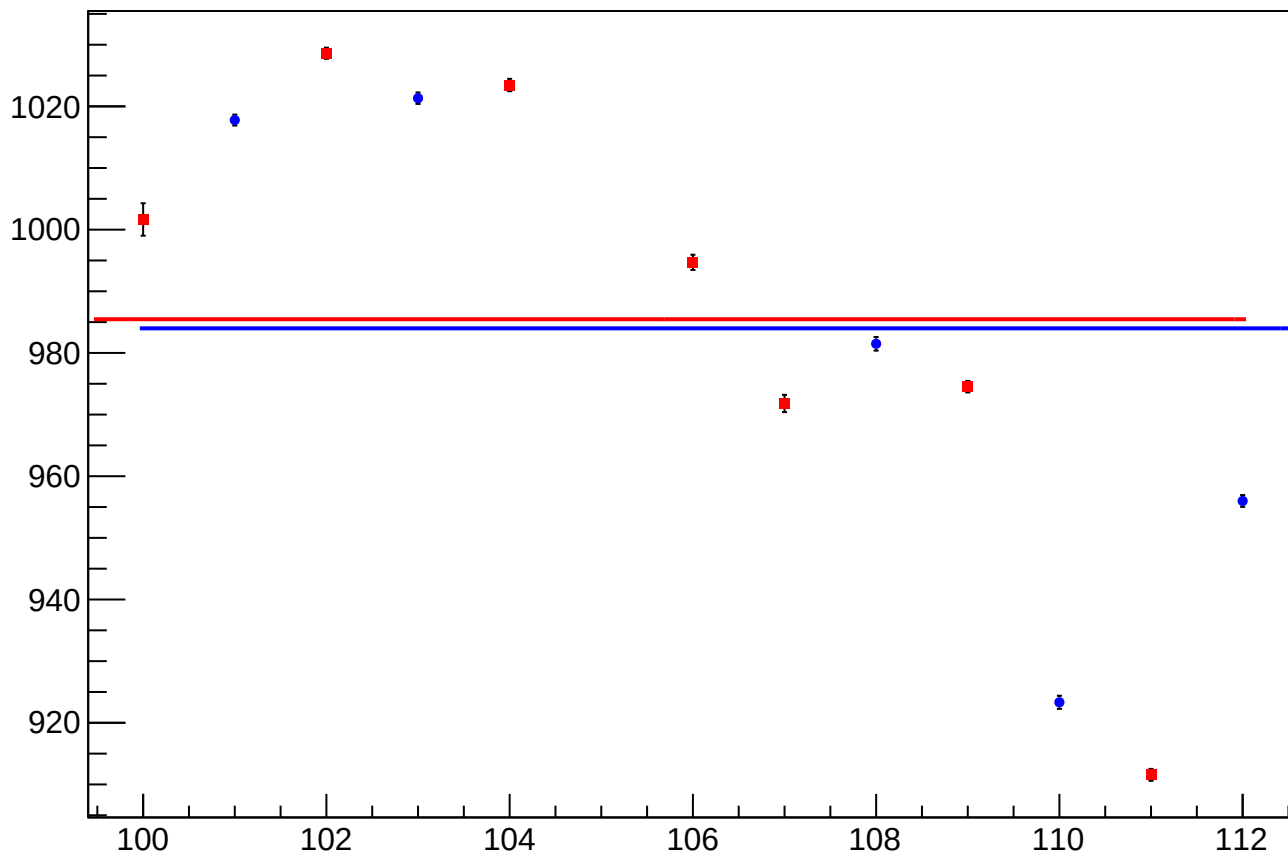
Right: -3.012+/-0.427 χ^2/NDF : 41.0/11

In: -1.306+/-0.619 χ^2/NDF : 8.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.012+/-0.427 χ^2/NDF : 41.0/11

diff_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 983.992+/-0.437 χ^2/NDF : 7178.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 985.467+/-0.417 χ^2/NDF : 9920.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

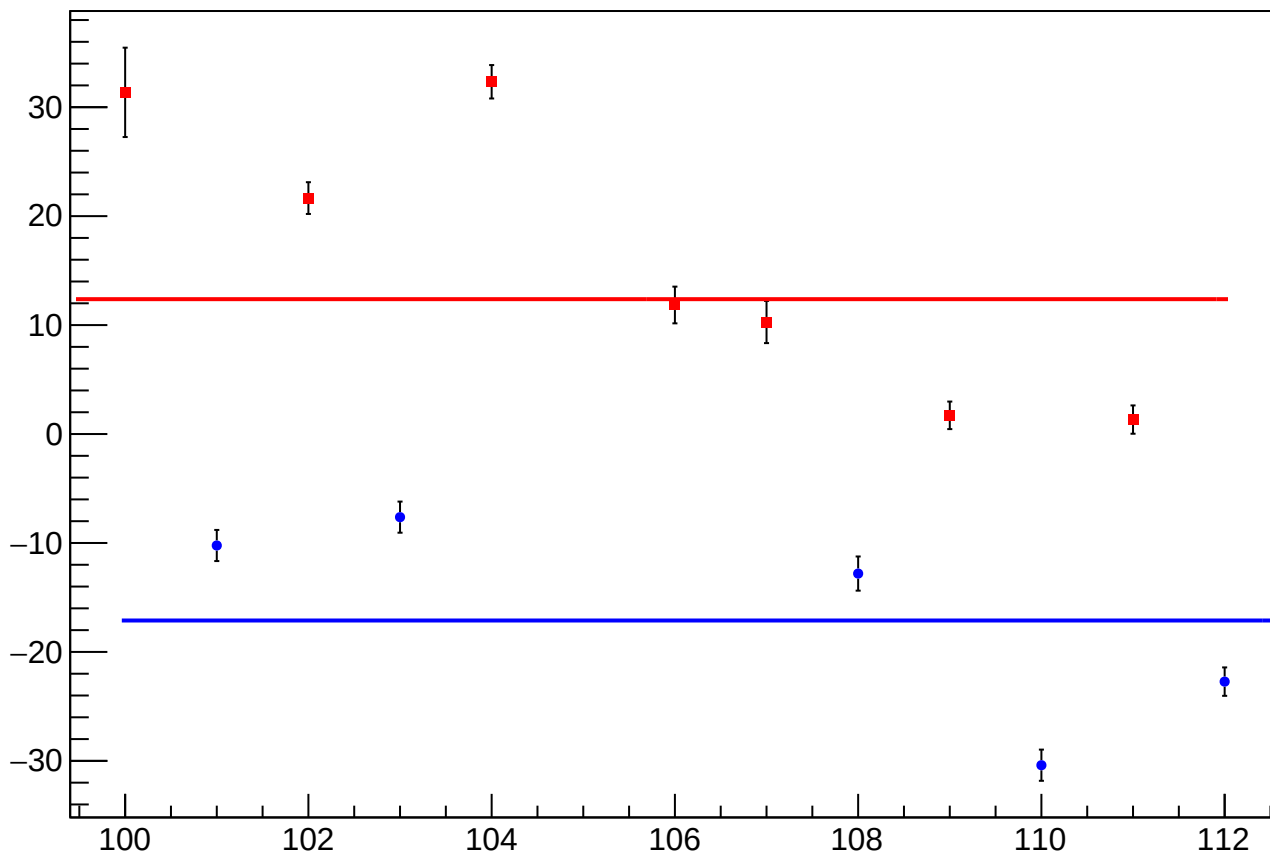
Right: 984.765+/-0.302 χ^2/NDF : 17104.6/11

In: 983.992+/-0.437 χ^2/NDF : 7178.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 984.765+/-0.302 χ^2/NDF : 17104.6/11

diff_bpm2i02X_mean vs Slug, Sign Corrected



Right In: -17.115 $\pm$ 0.637 χ^2 /NDF: 179.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 12.379 $\pm$ 0.598 χ^2 /NDF: 375.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

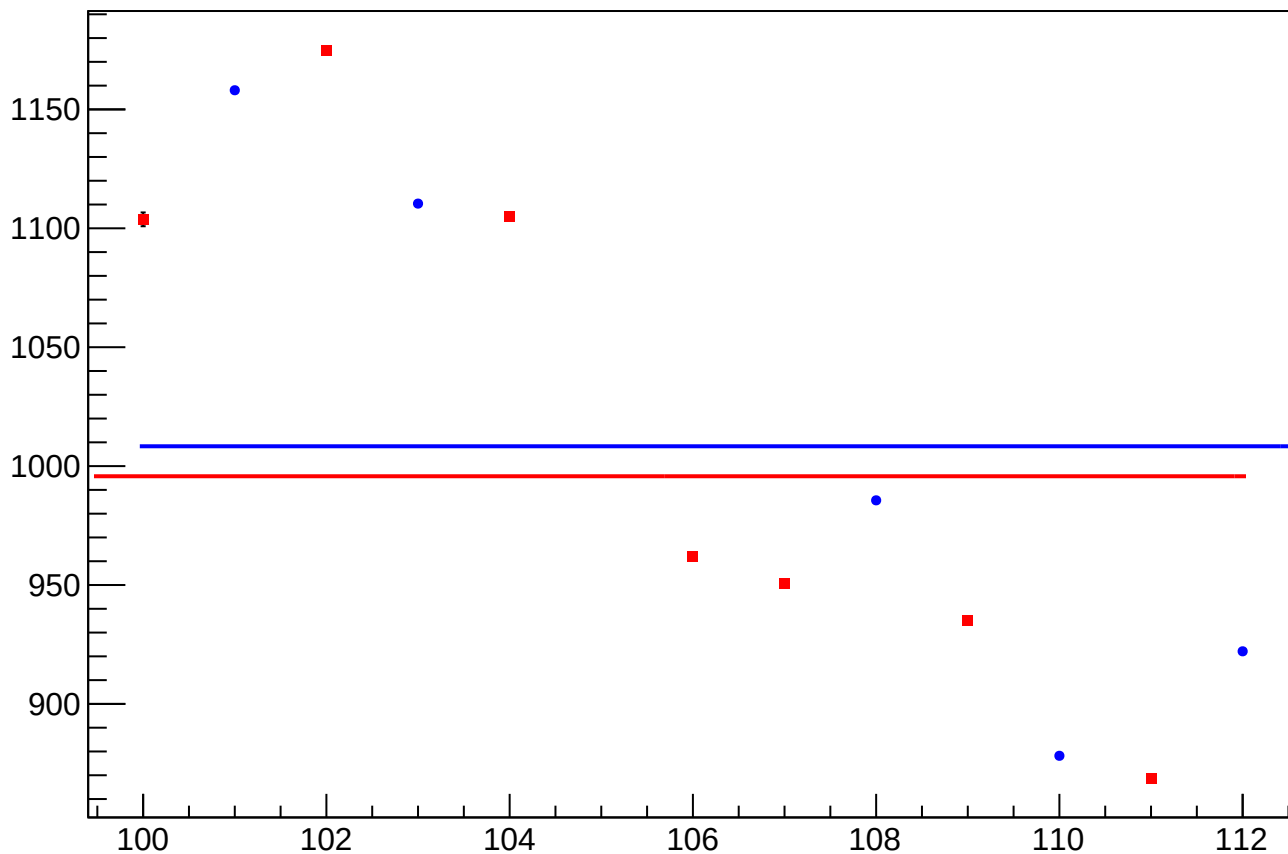
Right: -1.445 $\pm$ 0.436 χ^2 /NDF: 1694.0/11

In: -17.115 $\pm$ 0.637 χ^2 /NDF:179.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.445 $\pm$ 0.436 χ^2 /NDF: 1694.0/11

diff_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 1008.343+/-0.451 χ^2/NDF : 57889.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 995.736+/-0.423 χ^2/NDF : 67420.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

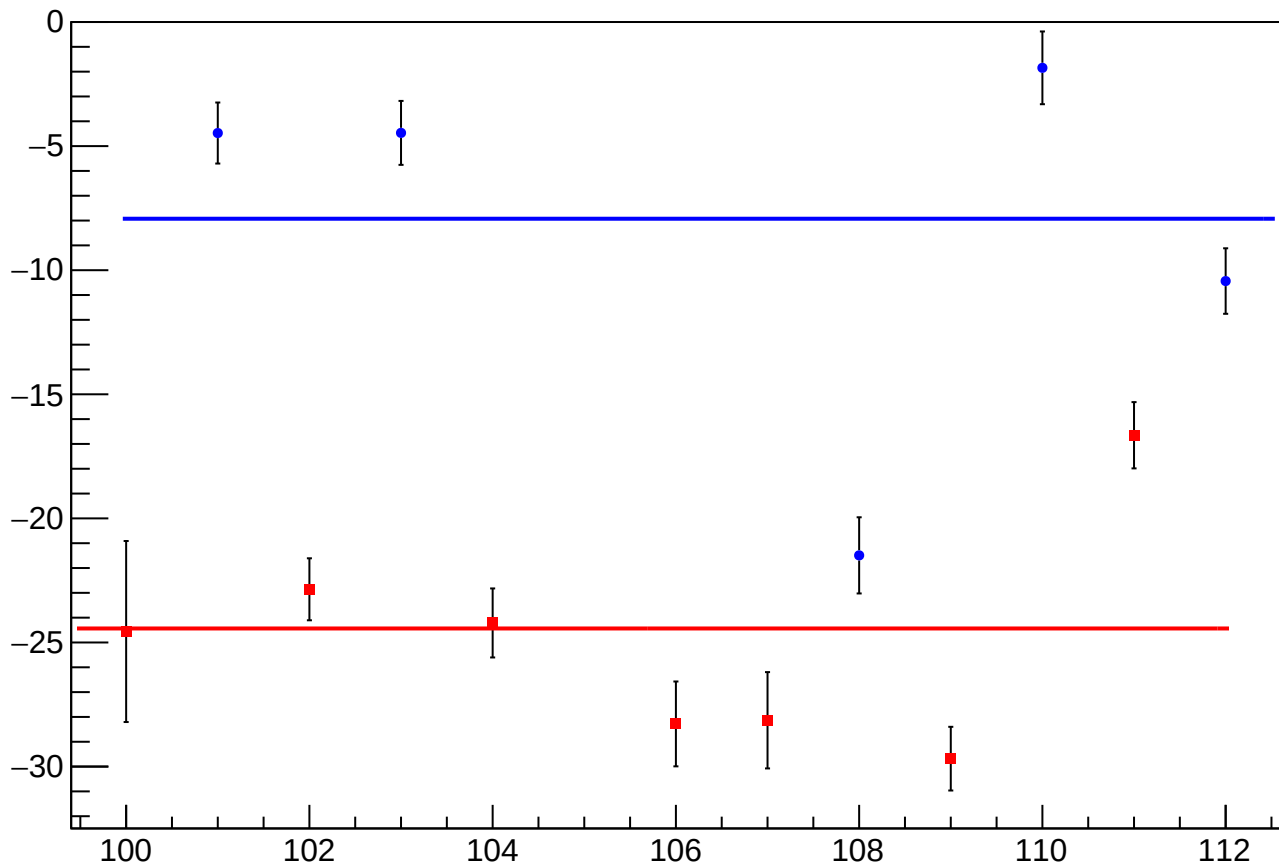
Right: 1001.645+/-0.308 χ^2/NDF : 125726.2/11

In: 1008.343+/-0.451 χ^2/NDF : 57889.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1001.645+/-0.308 χ^2/NDF : 125726.2/11

diff_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -7.926 ± 0.605 χ^2/NDF : 114.0/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -24.436 ± 0.576 χ^2/NDF : 61.0/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

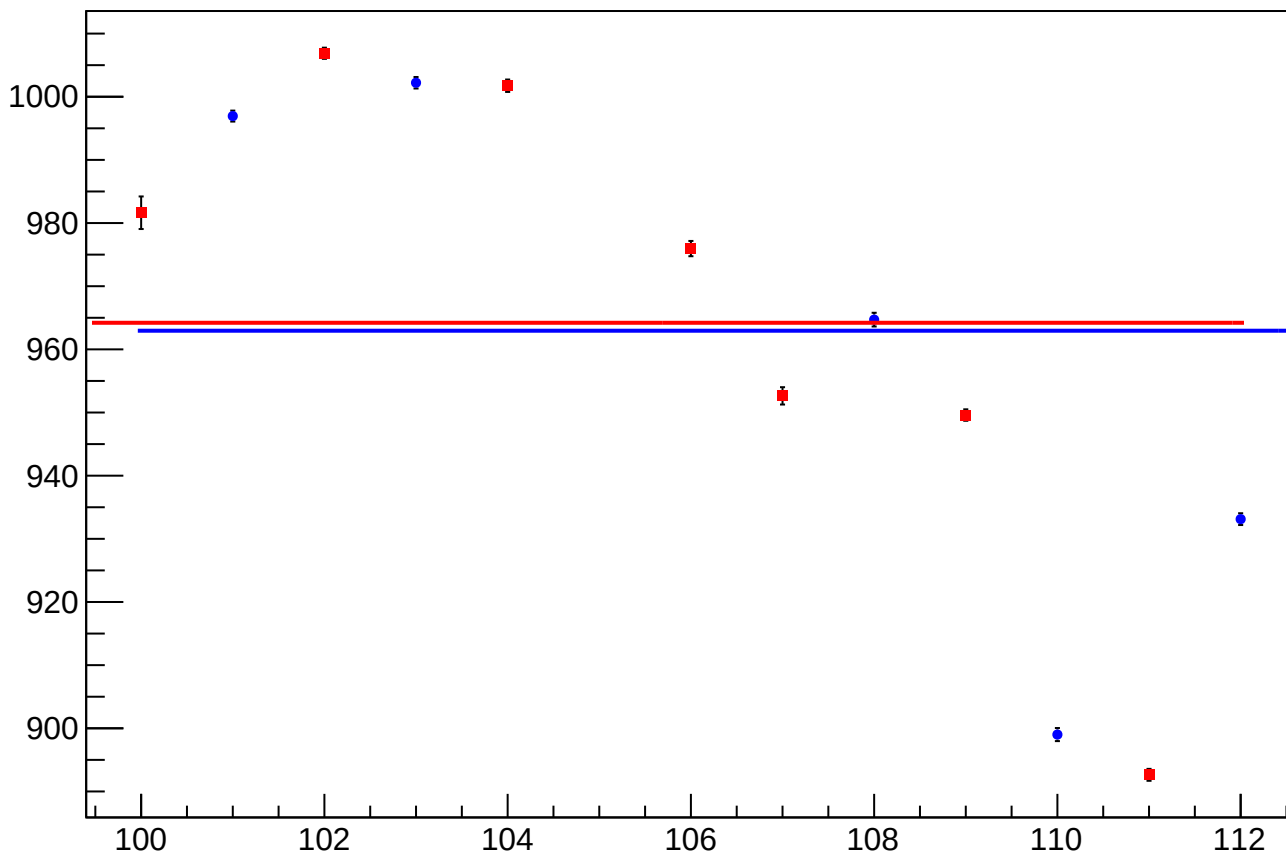
Right: -16.585 ± 0.417 χ^2/NDF : 565.2/11

In: -7.926 ± 0.605 χ^2/NDF : 114.0/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.585 ± 0.417 χ^2/NDF : 565.2/11

diff_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 962.952+/-0.428 χ^2/NDF : 8219.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 964.210+/-0.408 χ^2/NDF : 10010.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

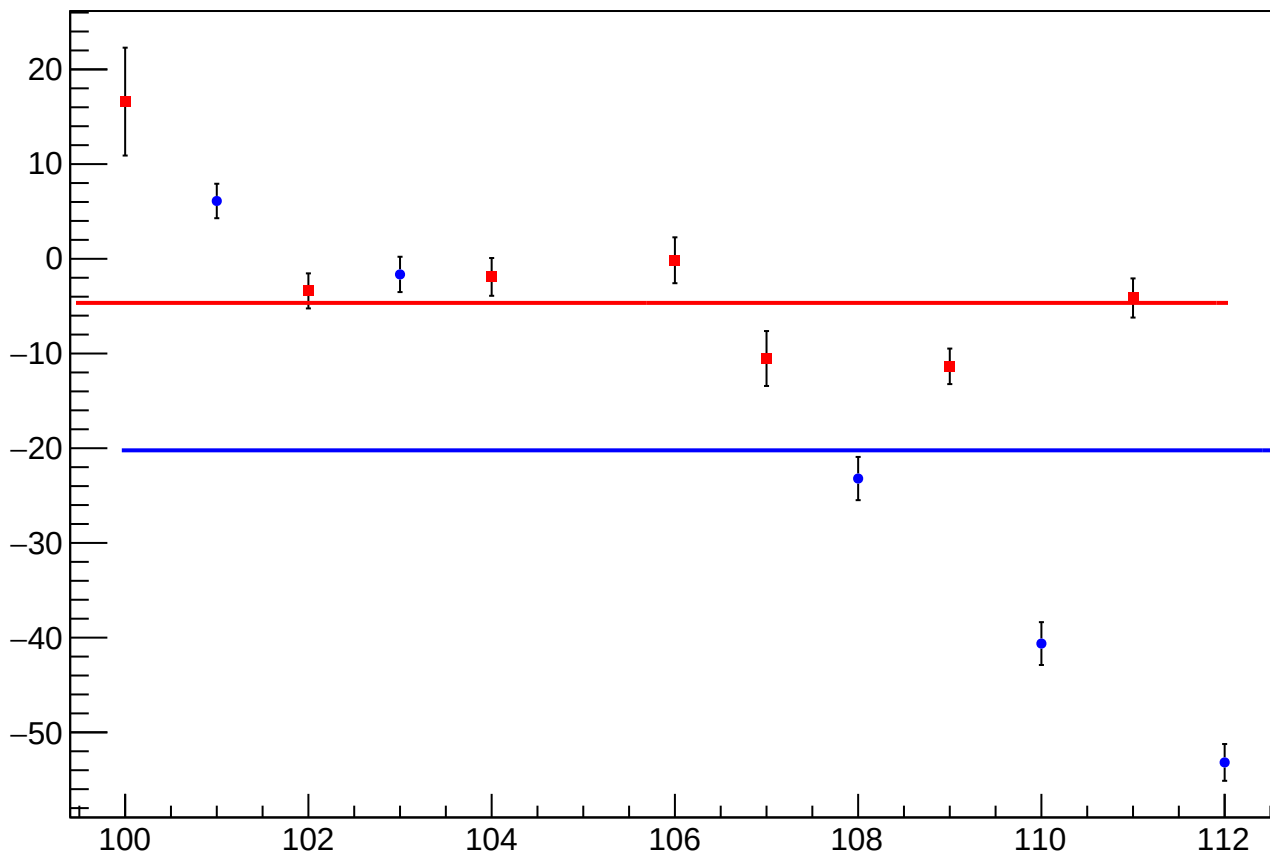
Right: 963.612+/-0.295 χ^2/NDF : 18234.1/11

In: 962.952+/-0.428 χ^2/NDF : 8219.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 963.612+/-0.295 χ^2/NDF : 18234.1/11

diff_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -20.223 ± 0.897 χ^2/NDF : 679.9/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.655 ± 0.851 χ^2/NDF : 36.7/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

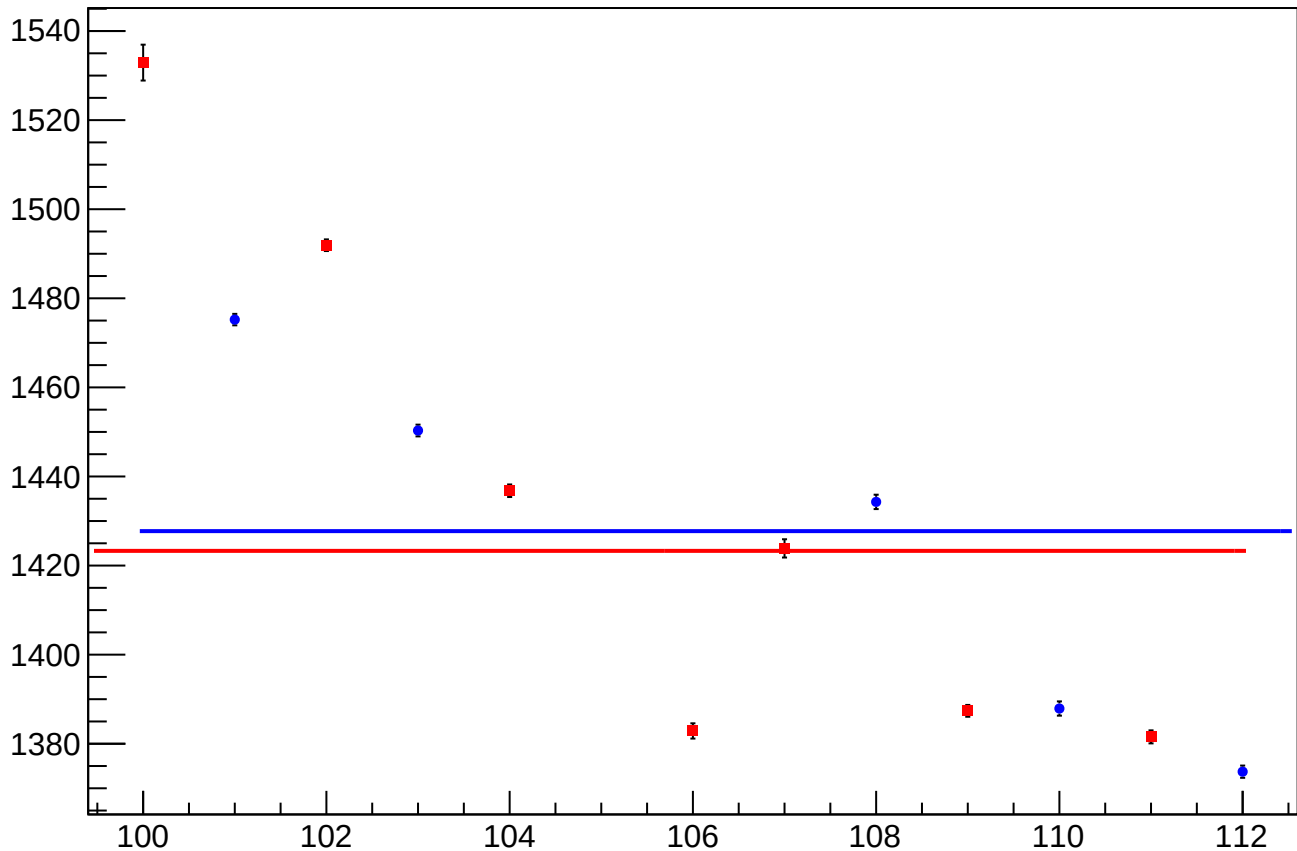
Right: -12.026 ± 0.617 χ^2/NDF : 875.1/11

In: -20.223 ± 0.897 χ^2/NDF : 679.9/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.026 ± 0.617 χ^2/NDF : 875.1/11

diff_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 1427.732 $\pm$ 0.634 χ^2 /NDF: 3840.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1423.299 $\pm$ 0.602 χ^2 /NDF: 5688.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

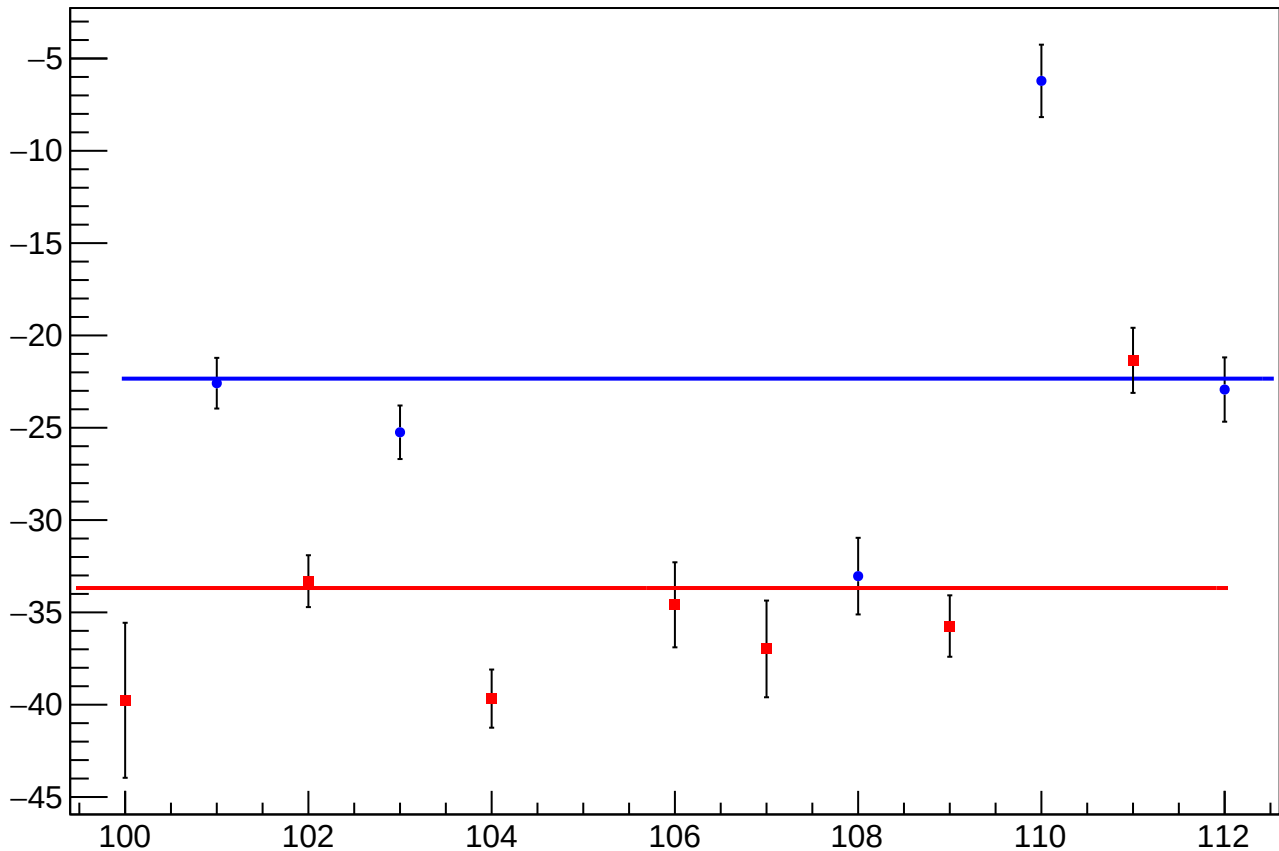
Right: 1425.398 $\pm$ 0.436 χ^2 /NDF: 9554.8/11

In: 1427.732 $\pm$ 0.634 χ^2 /NDF:3840.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1425.398 $\pm$ 0.436 χ^2 /NDF: 9554.8/11

diff_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -22.340 ± 0.740 χ^2/NDF : 98.3/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -33.680 ± 0.710 χ^2/NDF : 68.9/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

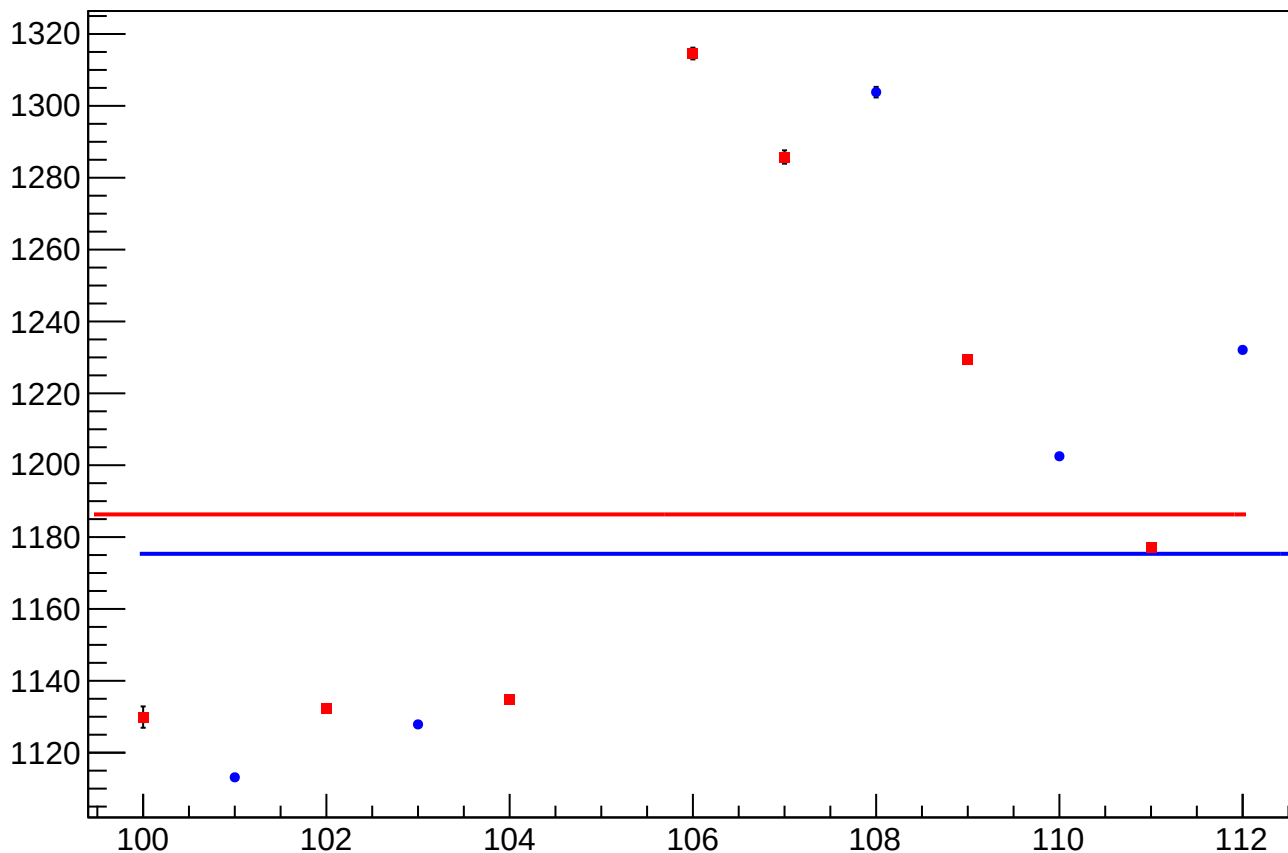
Right: -28.242 ± 0.512 χ^2/NDF : 289.6/11

In: -22.340 ± 0.740 χ^2/NDF : 98.3/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -28.242 ± 0.512 χ^2/NDF : 289.6/11

diff_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 1175.344 $\pm$ 0.523 χ^2/NDF : 16422.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1186.307 $\pm$ 0.502 χ^2/NDF : 15939.7/6

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

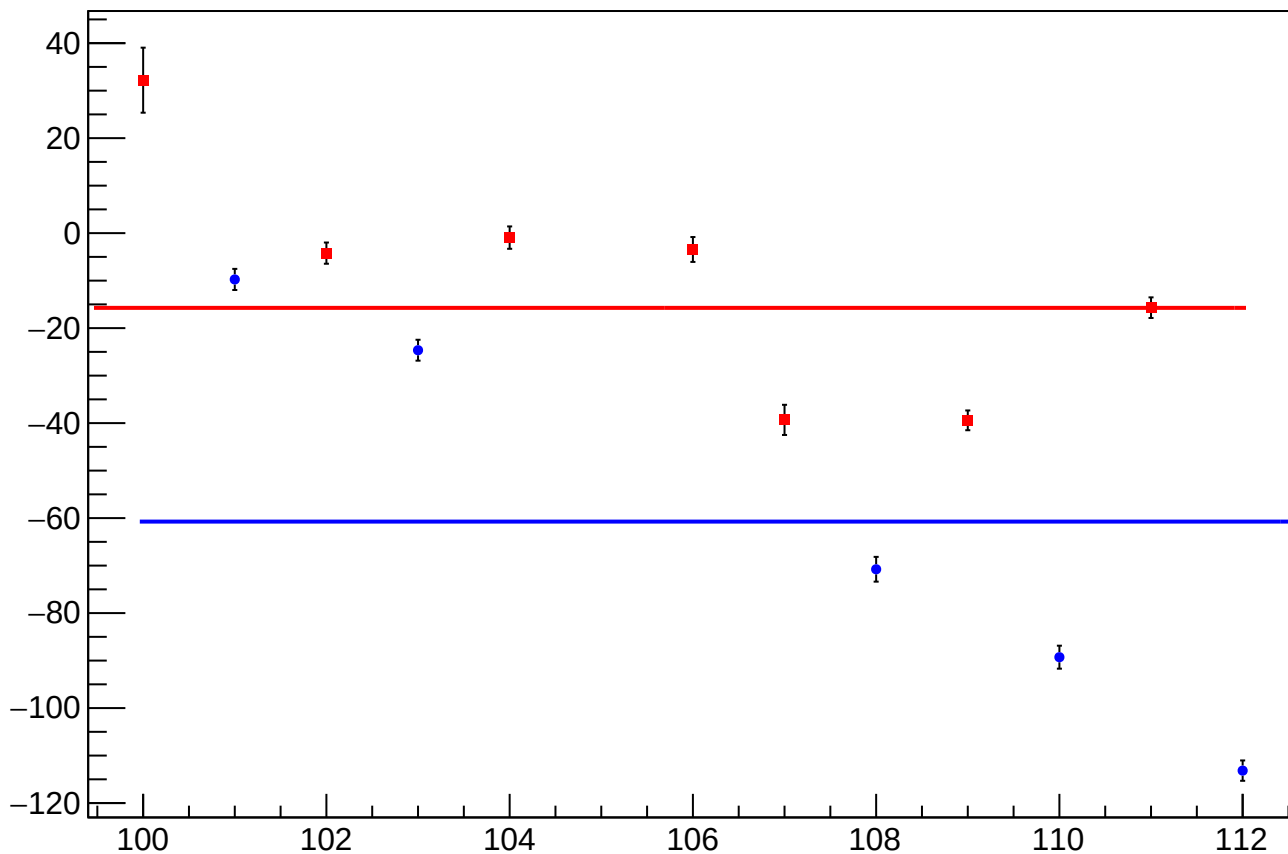
Right: 1181.050 $\pm$ 0.362 χ^2/NDF : 32590.4/11

In: 1175.344 $\pm$ 0.523 χ^2/NDF : 16422.0/4

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1181.050 $\pm$ 0.362 χ^2/NDF : 32590.4/11

diff_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: -60.734+/-1.029 χ^2/NDF : 1547.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.734+/-0.958 χ^2/NDF : 321.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

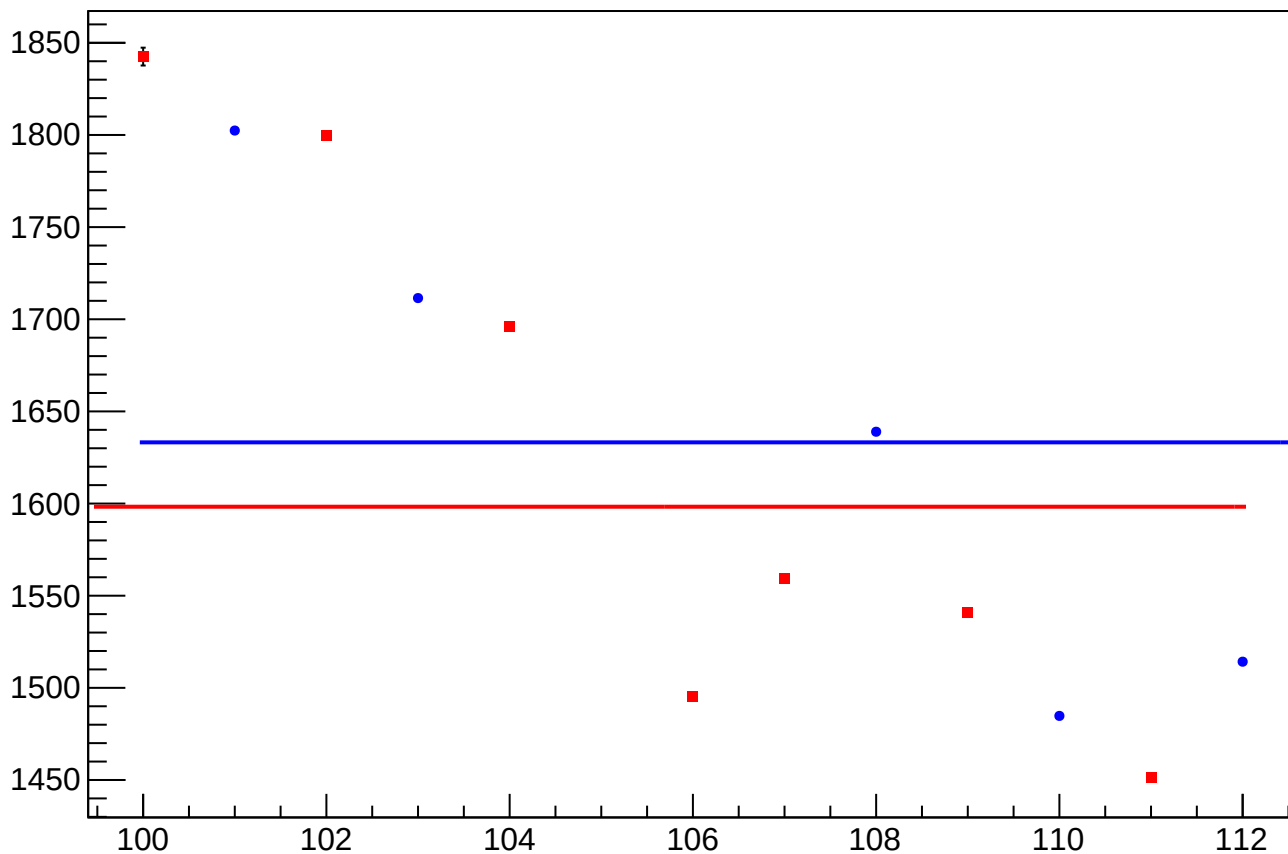
Right: -36.627+/-0.701 χ^2/NDF : 2894.0/11

In: -60.734+/-1.029 χ^2/NDF : 1547.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.627+/-0.701 χ^2/NDF : 2894.0/11

diff_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 1633.206+/-0.728 χ^2/NDF : 27821.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1598.285+/-0.677 χ^2/NDF : 36421.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

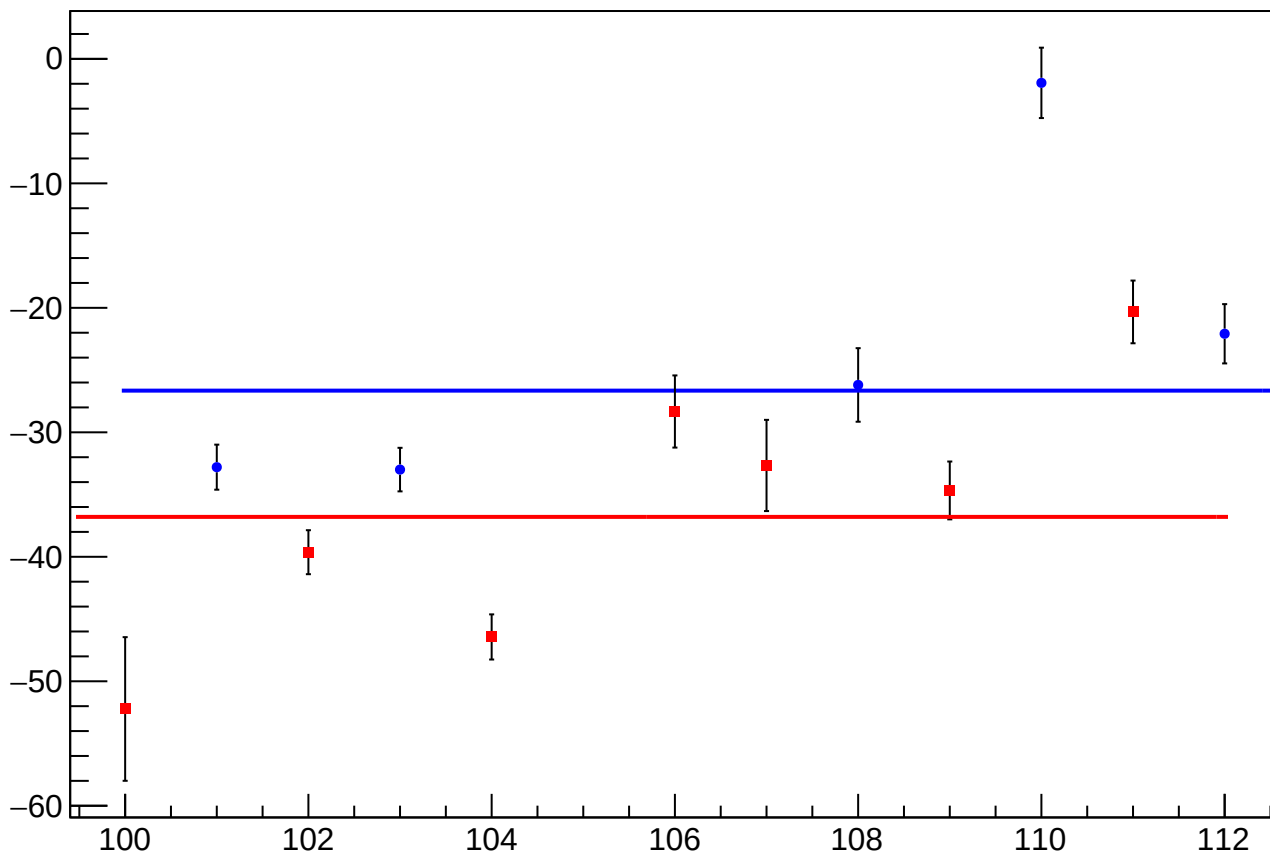
Right: 1614.498+/-0.496 χ^2/NDF : 65476.7/11

In: 1633.206+/-0.728 χ^2/NDF : 27821.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1614.498+/-0.496 χ^2/NDF : 65476.7/11

diff_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -26.651+/-0.977 χ^2/NDF : 104.9/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -36.794+/-0.916 χ^2/NDF : 91.4/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

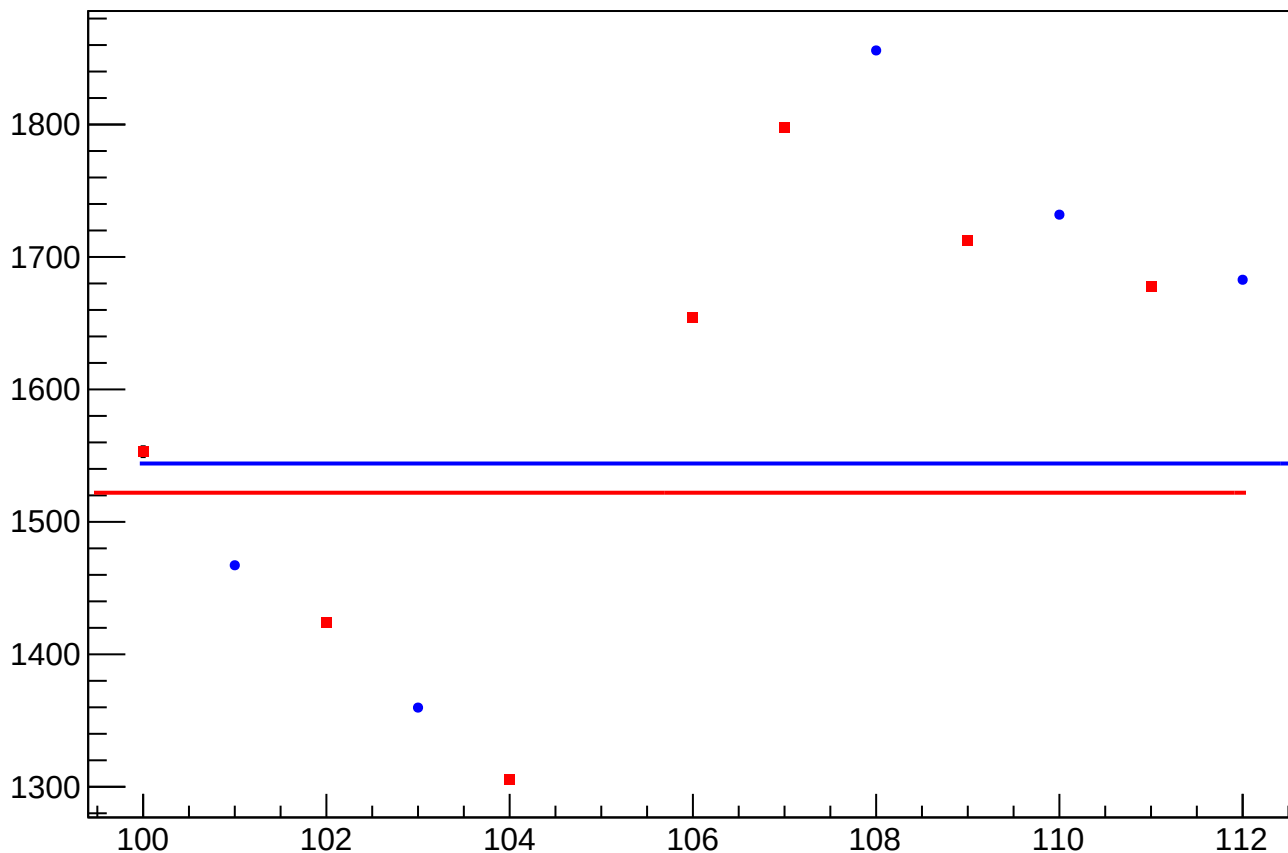
Right: -32.046+/-0.668 χ^2/NDF : 253.6/11

In: -26.651+/-0.977 χ^2/NDF :104.9/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -32.046+/-0.668 χ^2/NDF : 253.6/11

diff_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 1544.071 $\pm$ 0.691 χ^2/NDF : 63698.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1522.009 $\pm$ 0.648 χ^2/NDF : 71163.7/6

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

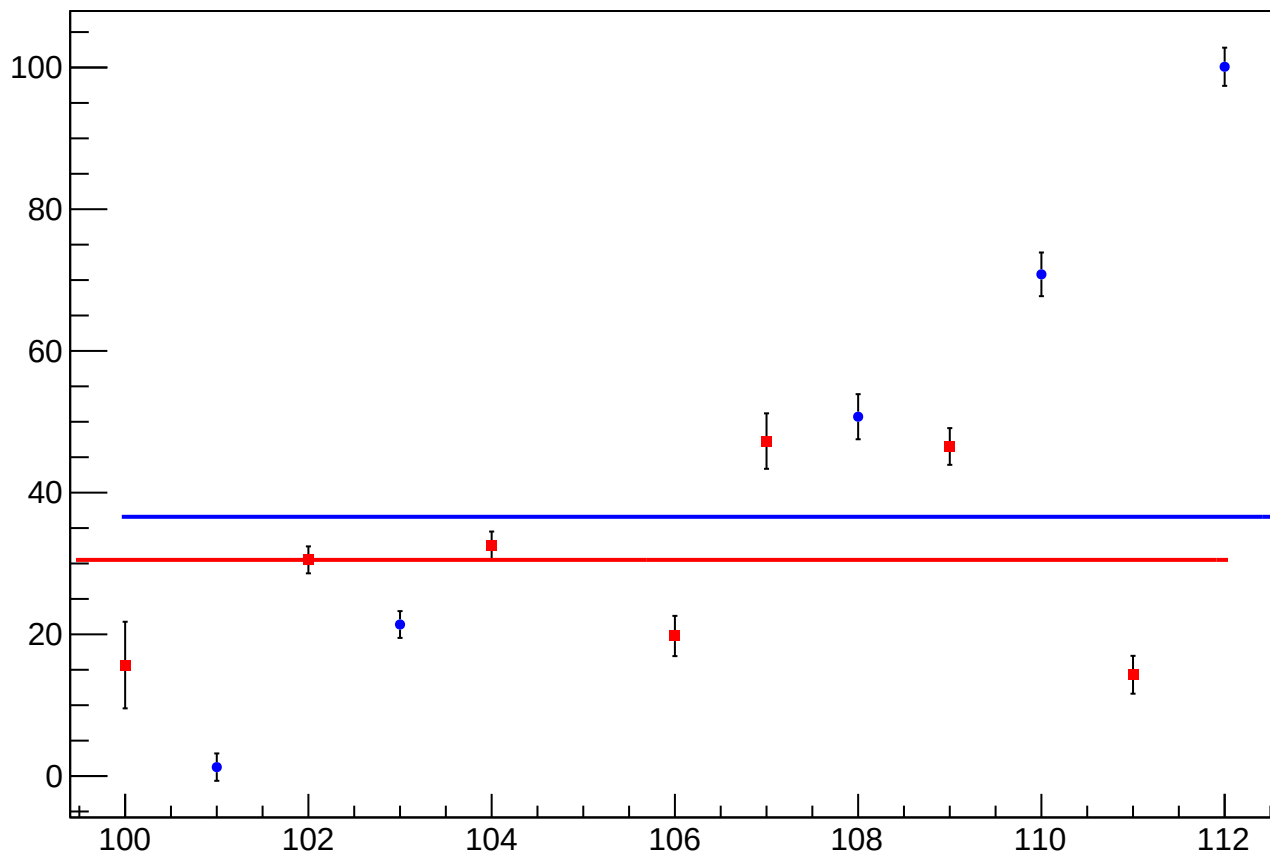
Right: 1532.338 $\pm$ 0.473 χ^2/NDF : 135404.6/11

In: 1544.071 $\pm$ 0.691 χ^2/NDF : 63698.2/4

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1532.338 $\pm$ 0.473 χ^2/NDF : 135404.6/11

diff_bpm0i05X_mean vs Slug, Sign Corrected



Right In: 36.590 $\pm$ 1.060 χ^2 /NDF: 1097.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 30.509 $\pm$ 0.982 χ^2 /NDF: 114.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

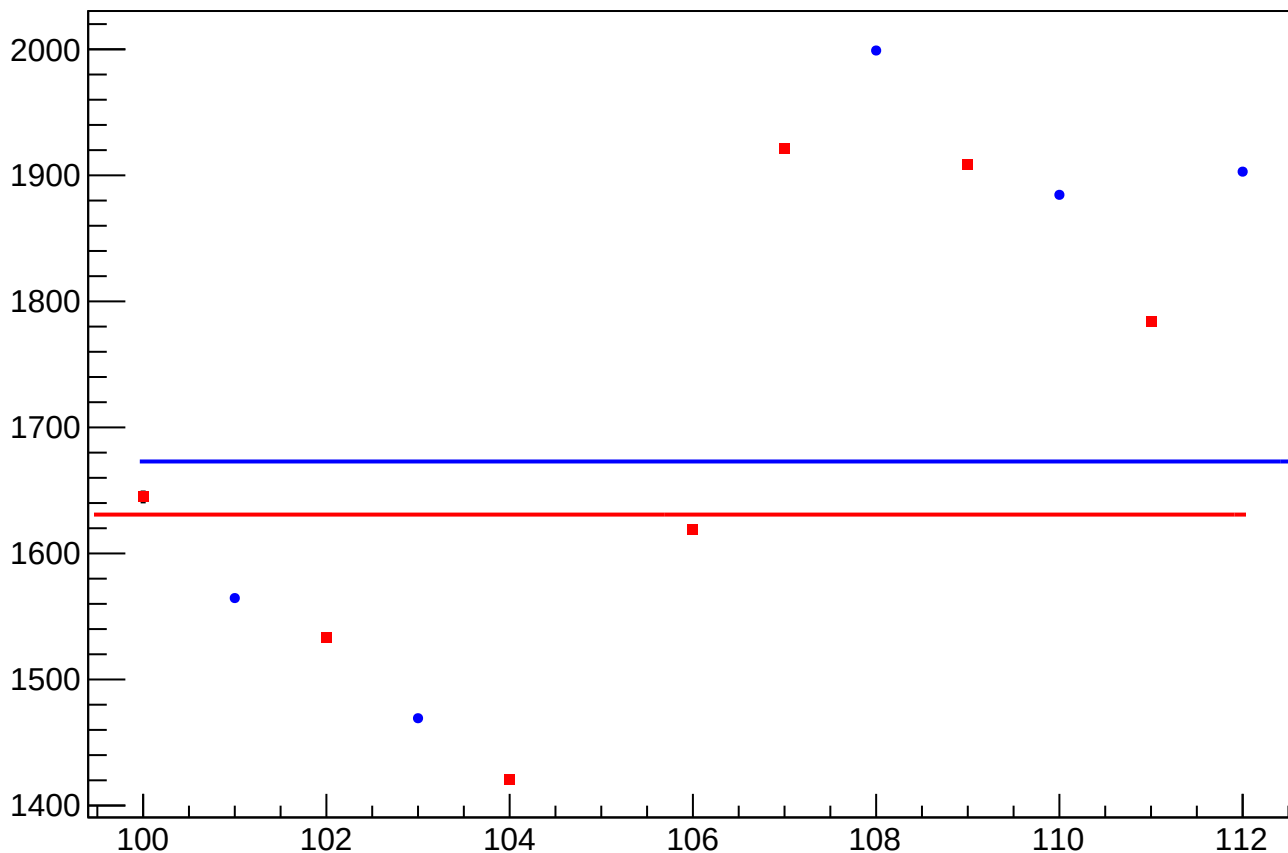
Right: 33.316 $\pm$ 0.720 χ^2 /NDF: 1230.0/11

In: 36.590 $\pm$ 1.060 χ^2 /NDF:1097.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 33.316 $\pm$ 0.720 χ^2 /NDF: 1230.0/11

diff_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 1672.974 $\pm$ 0.750 χ^2/NDF : 74522.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1630.835 $\pm$ 0.694 χ^2/NDF : 68587.6/6

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

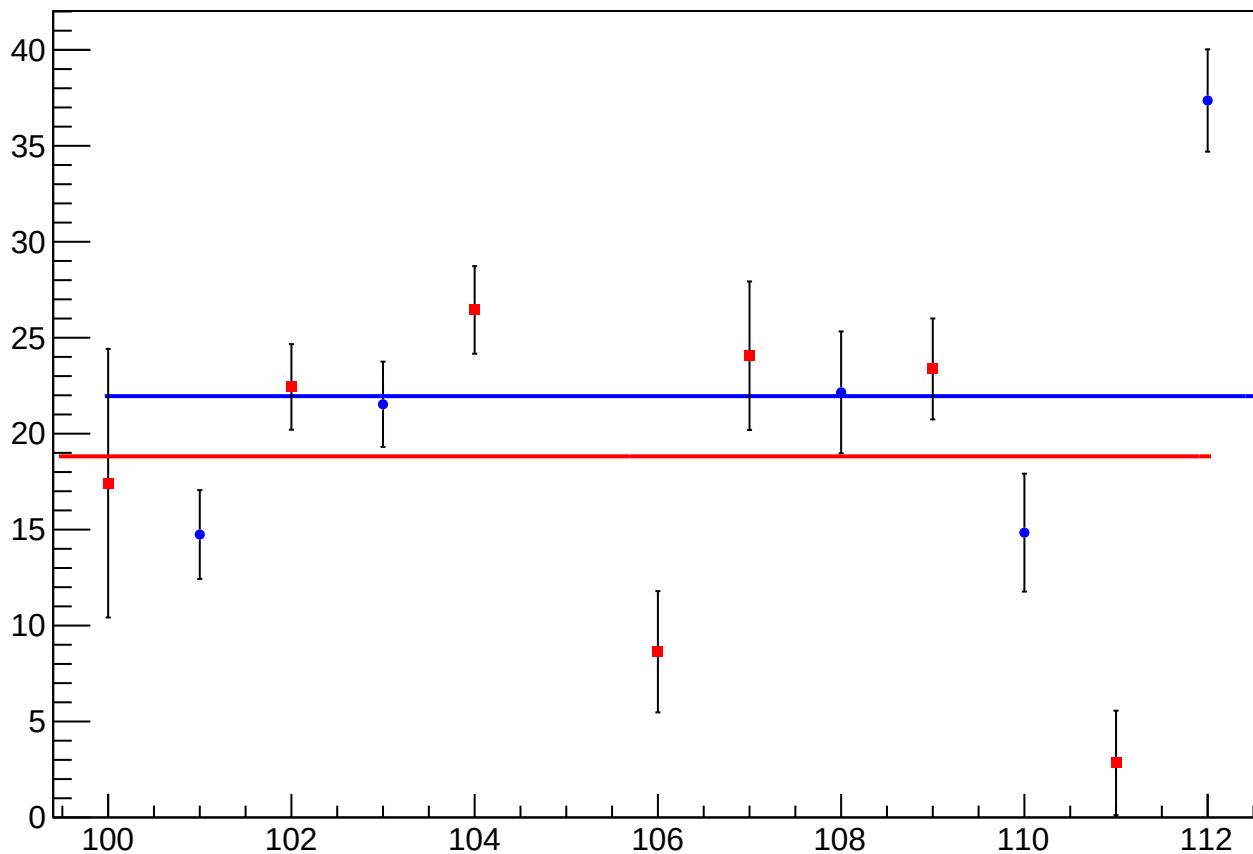
Right: 1650.288 $\pm$ 0.509 χ^2/NDF : 144811.4/11

In: 1672.974 $\pm$ 0.750 χ^2/NDF : 74522.2/4

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1650.288 $\pm$ 0.509 χ^2/NDF : 144811.4/11

diff_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: 21.955 $\pm$ 1.166 χ^2 /NDF: 48.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18.818 $\pm$ 1.078 χ^2 /NDF: 63.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

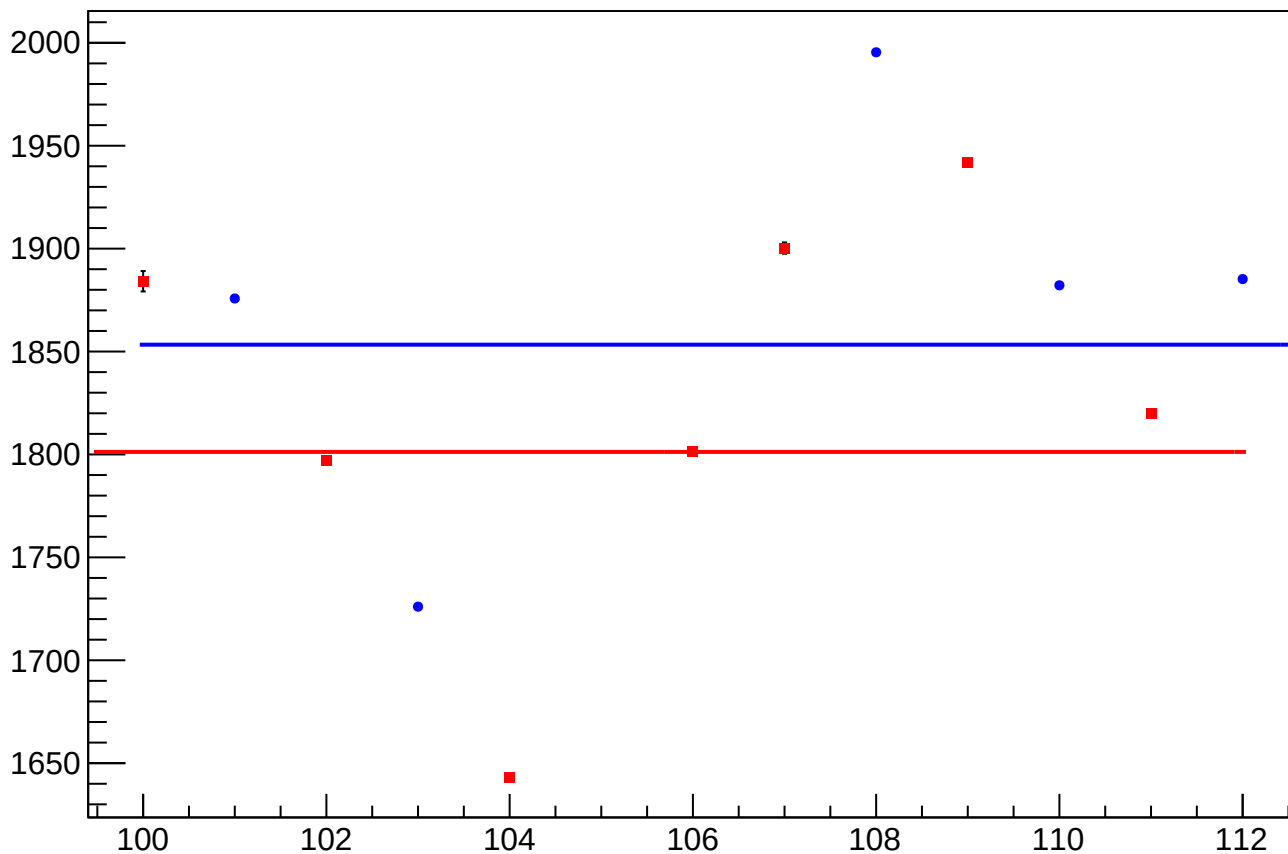
Right: 20.264 $\pm$ 0.792 χ^2 /NDF: 115.9/11

In: 21.955 $\pm$ 1.166 χ^2 /NDF: 48.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.264 $\pm$ 0.792 χ^2 /NDF: 115.9/11

diff_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 1853.332 $\pm$ 0.825 χ^2 /NDF: 11227.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1801.236 $\pm$ 0.763 χ^2 /NDF: 17039.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

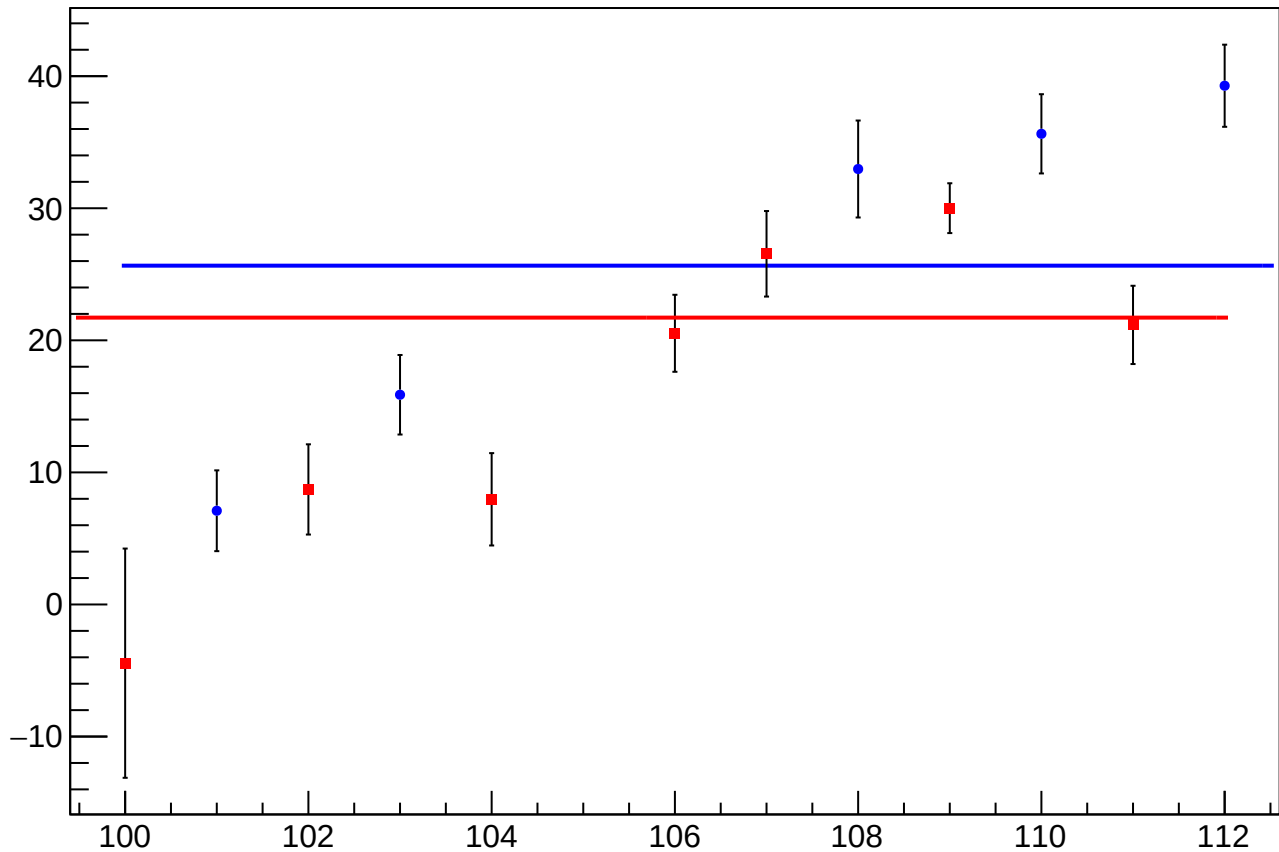
Right: 1825.249 $\pm$ 0.560 χ^2 /NDF: 30418.3/11

In: 1853.332 $\pm$ 0.825 χ^2 /NDF: 11227.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1825.249 $\pm$ 0.560 χ^2 /NDF: 30418.3/11

diff_bpm0i07X_mean vs Slug, Sign Corrected



Right In: 25.653+/-1.406 χ^2/NDF : 81.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.719+/-1.126 χ^2/NDF : 60.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

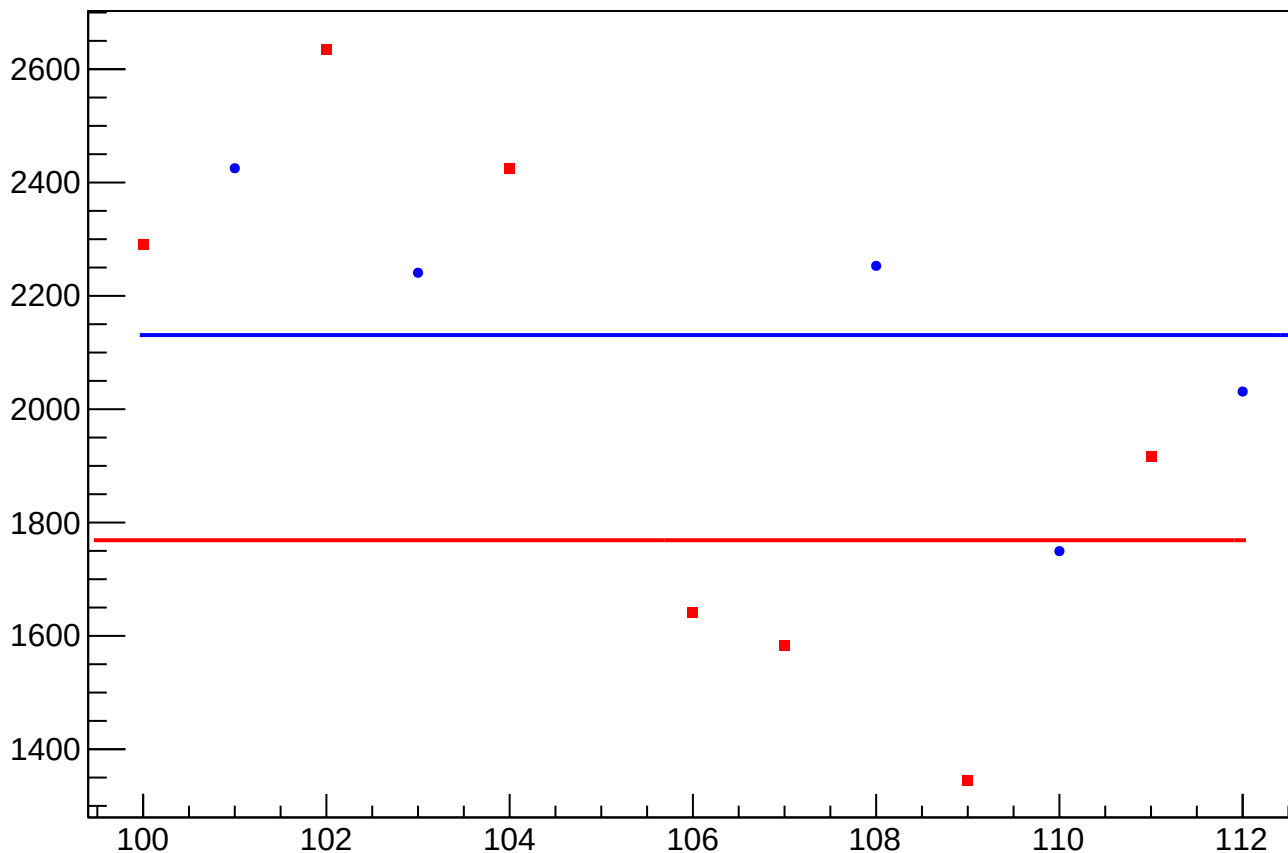
Right: 23.256+/-0.879 χ^2/NDF : 147.2/11

In: 25.653+/-1.406 χ^2/NDF : 81.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.256+/-0.879 χ^2/NDF : 147.2/11

diff_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 2130.793+/-0.994 χ^2/NDF : 57769.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1768.801+/-0.796 χ^2/NDF : 322402.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

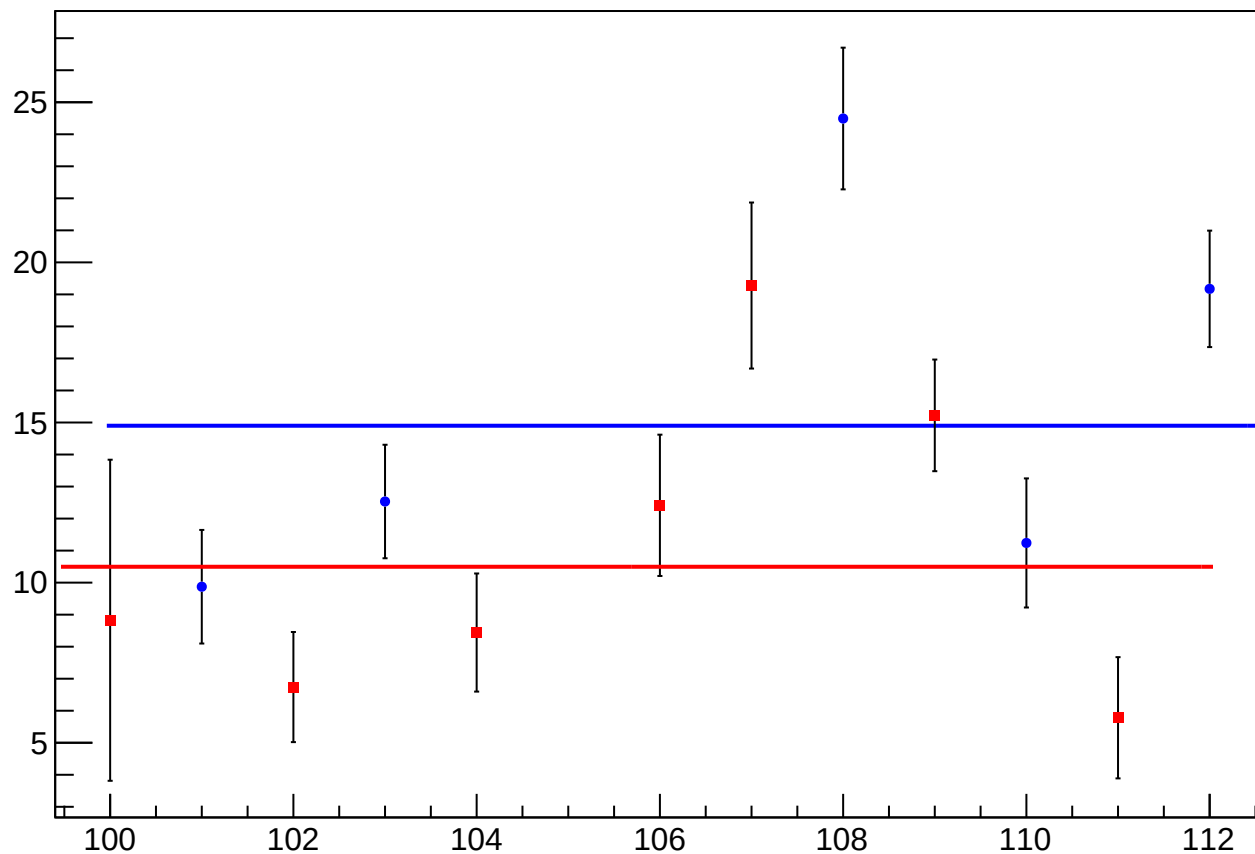
Right: 1910.263+/-0.621 χ^2/NDF : 460953.2/11

In: 2130.793+/-0.994 χ^2/NDF : 57769.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1910.263+/-0.621 χ^2/NDF : 460953.2/11

diff_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 14.899 +/- 0.848 χ^2/NDF : 37.4/4

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 10.496 +/- 0.782 χ^2/NDF : 31.9/6

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

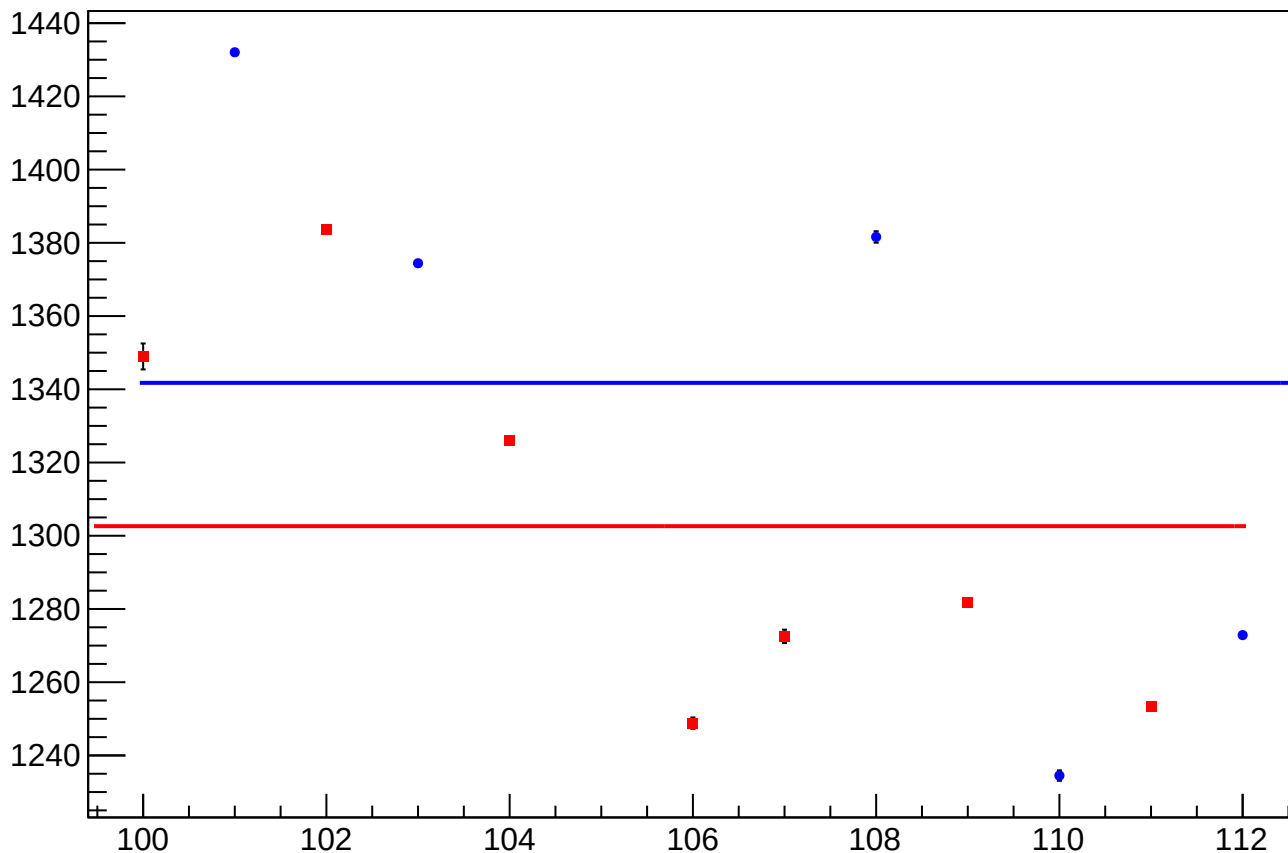
Right: 12.519 +/- 0.575 χ^2/NDF : 83.9/11

In: 14.899 +/- 0.848 χ^2/NDF : 37.4/4

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 12.519 +/- 0.575 χ^2/NDF : 83.9/11

diff_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 1341.761 $\pm$ 0.600 χ^2 /NDF: 15047.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1302.617 $\pm$ 0.553 χ^2 /NDF: 8033.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

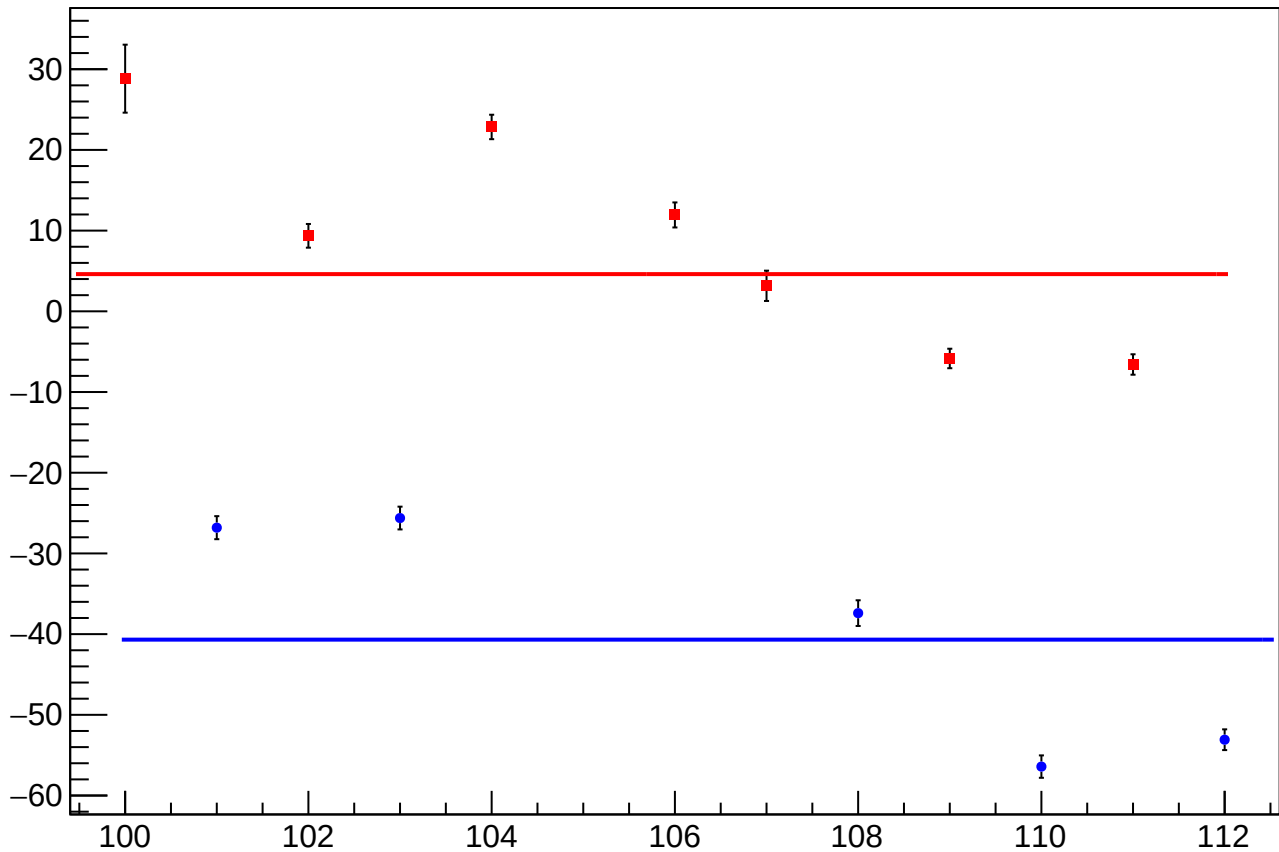
Right: 1320.602 $\pm$ 0.407 χ^2 /NDF: 25383.3/11

In: 1341.761 $\pm$ 0.600 χ^2 /NDF:15047.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1320.602 $\pm$ 0.407 χ^2 /NDF: 25383.3/11

diff_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -40.683 ± 0.631 $\chi^2/\text{NDF}: 434.4/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 4.609 ± 0.581 $\chi^2/\text{NDF}: 364.5/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

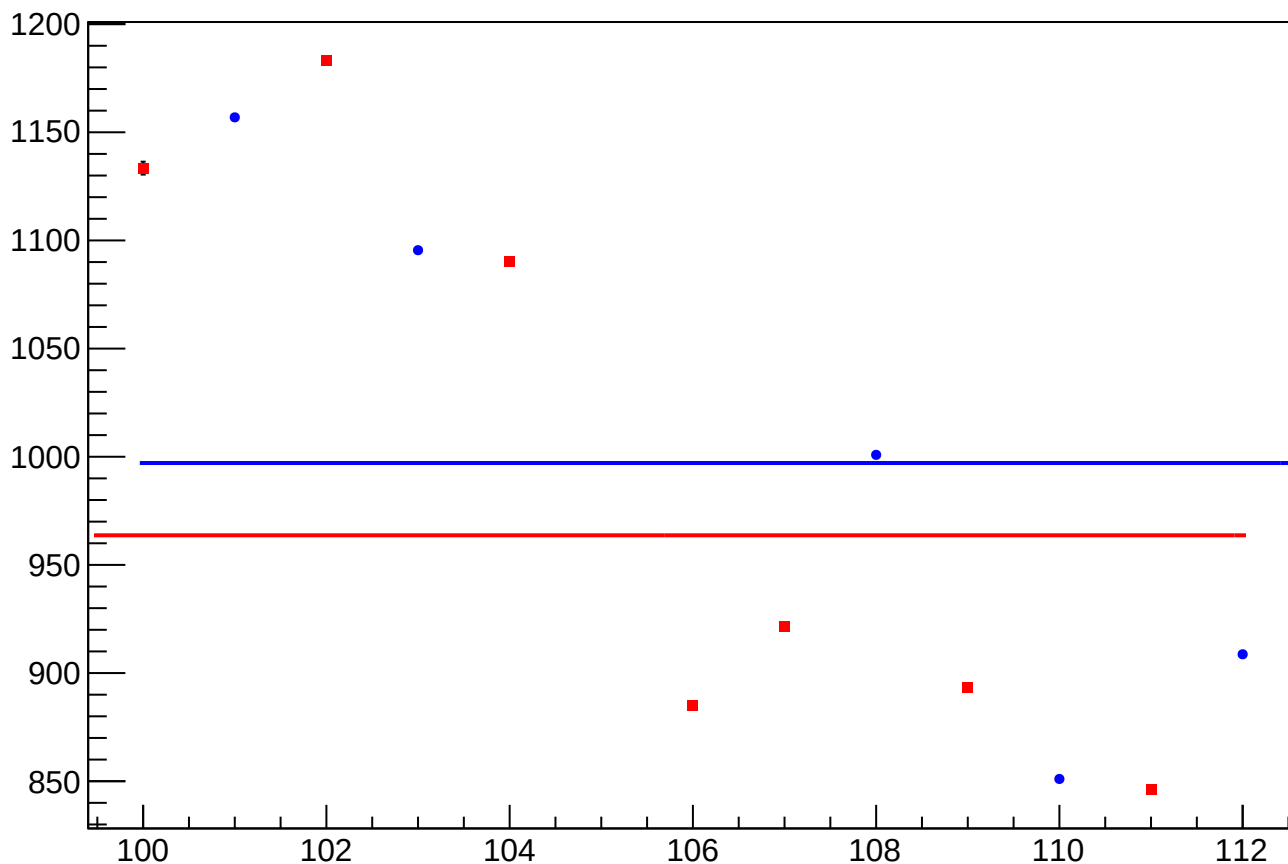
Right: -16.165 ± 0.427 $\chi^2/\text{NDF}: 3588.4/11$

In: -40.683 ± 0.631 $\chi^2/\text{NDF}: 434.4/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -16.165 ± 0.427 $\chi^2/\text{NDF}: 3588.4/11$

diff_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 997.100+/-0.446 χ^2/NDF : 66418.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 963.682+/-0.411 χ^2/NDF : 92051.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

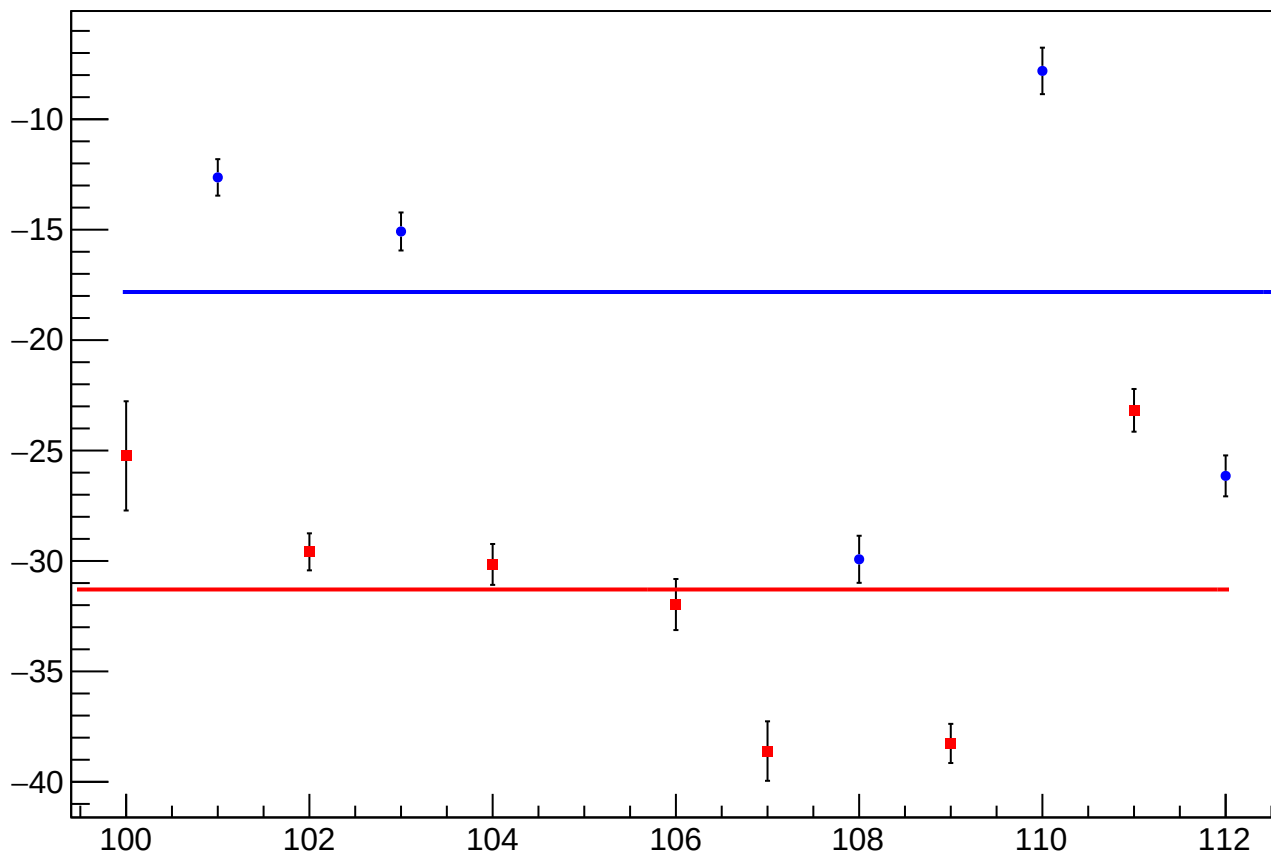
Right: 979.010+/-0.302 χ^2/NDF : 161506.3/11

In: 997.100+/-0.446 χ^2/NDF : 66418.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 979.010+/-0.302 χ^2/NDF : 161506.3/11

diff_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: -17.822 ± 0.417 χ^2/NDF : 349.8/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -31.291 ± 0.395 χ^2/NDF : 173.7/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

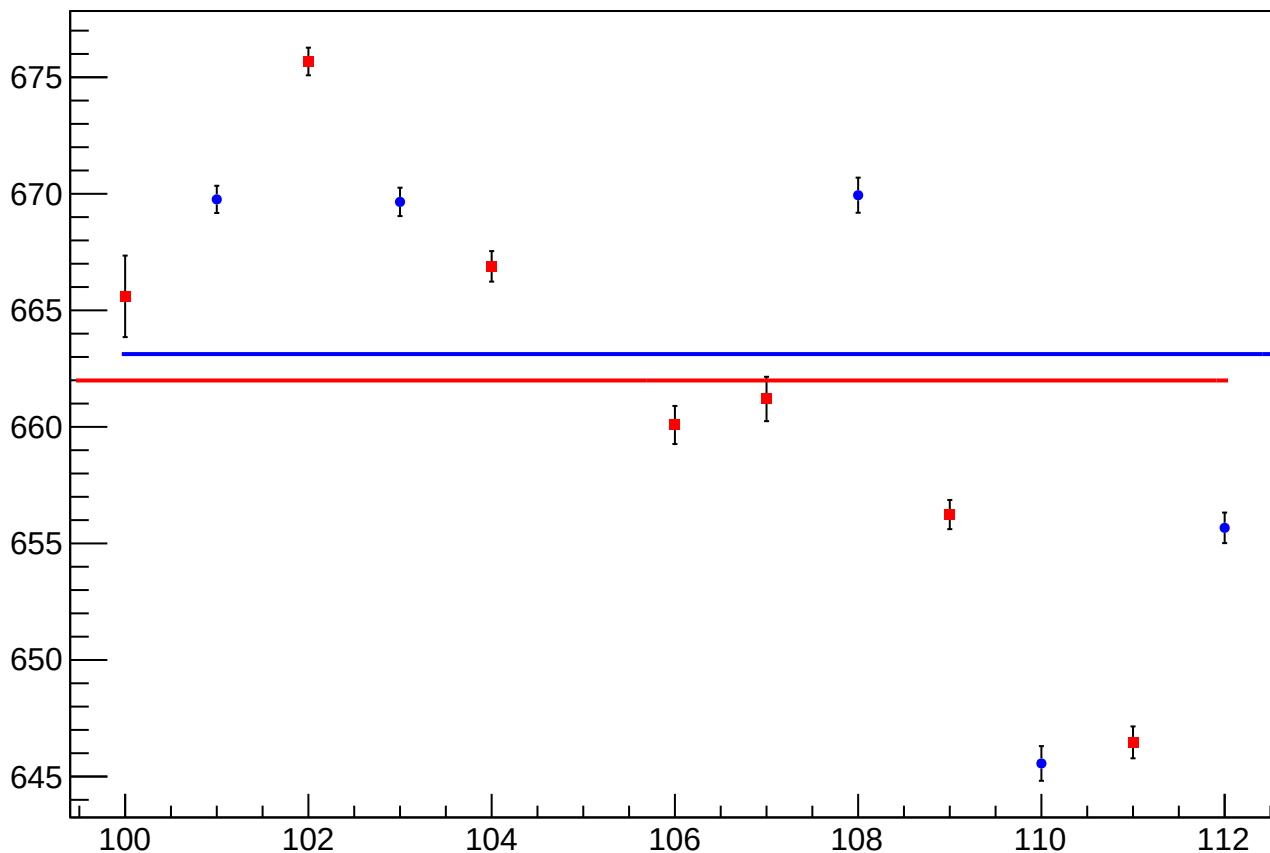
Right: -24.906 ± 0.287 χ^2/NDF : 1073.5/11

In: -17.822 ± 0.417 χ^2/NDF : 349.8/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -24.906 ± 0.287 χ^2/NDF : 1073.5/11

diff_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 663.124+/-0.295 χ^2/NDF : 1012.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 661.991+/-0.280 χ^2/NDF : 1199.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

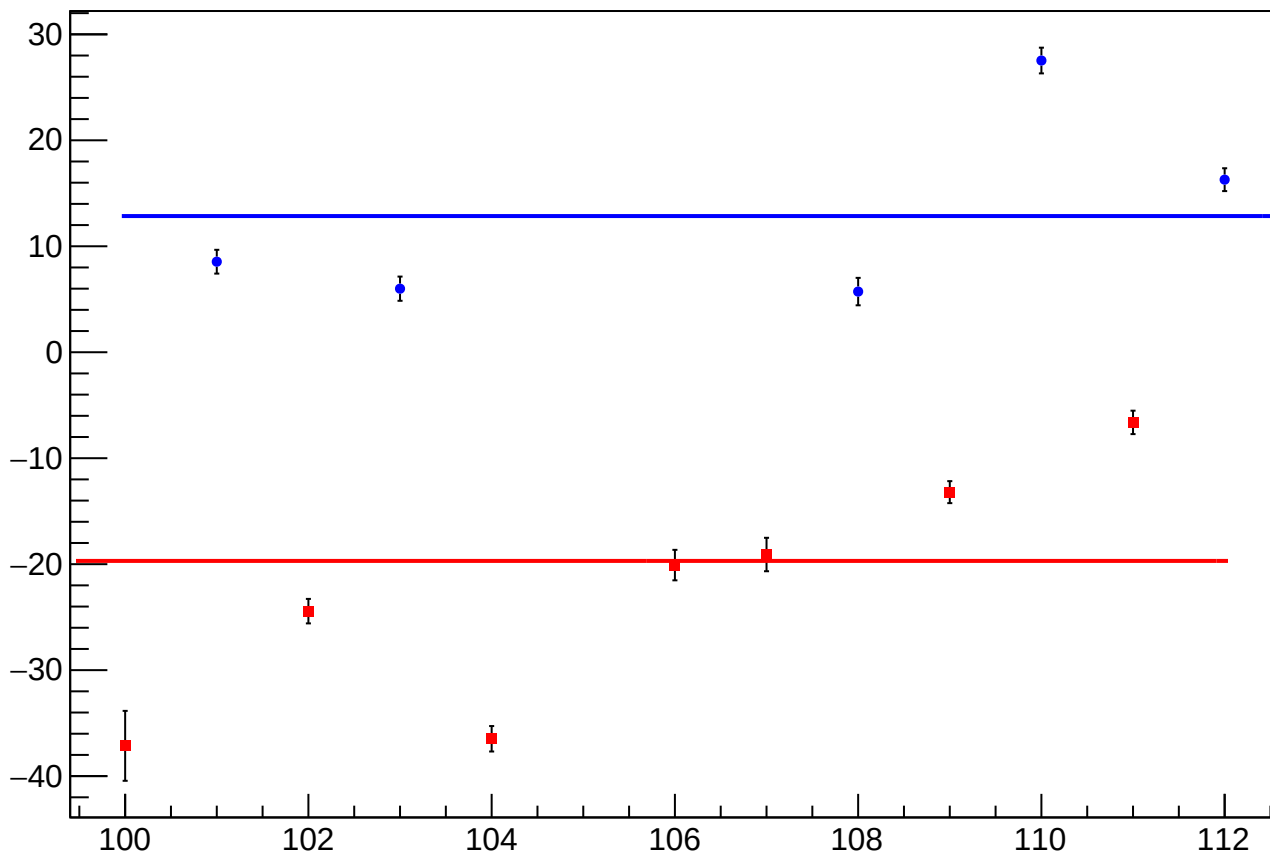
Right: 662.528+/-0.203 χ^2/NDF : 2219.8/11

In: 663.124+/-0.295 χ^2/NDF : 1012.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 662.528+/-0.203 χ^2/NDF : 2219.8/11

diff_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 12.851+/-0.520 χ^2/NDF : 237.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -19.692+/-0.490 χ^2/NDF : 419.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

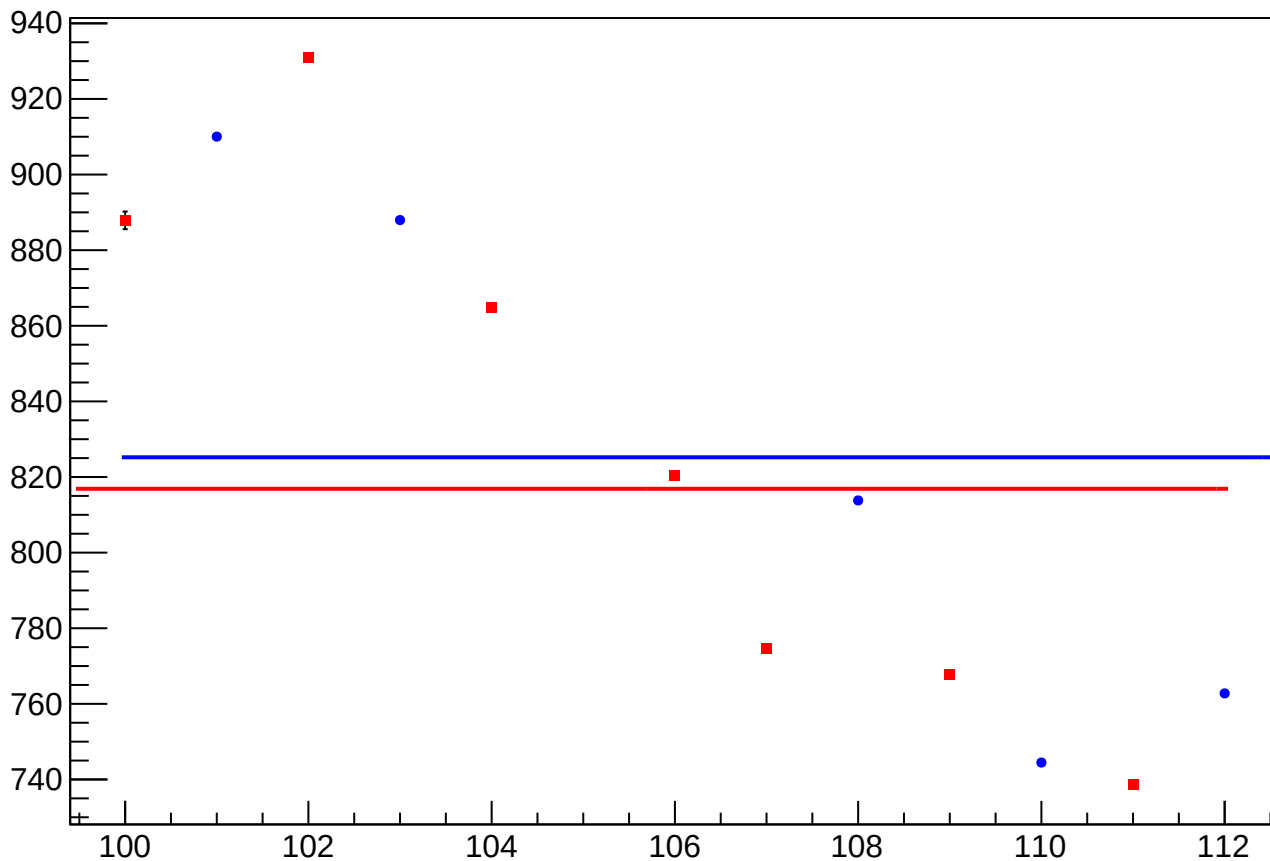
Right: -4.398+/-0.357 χ^2/NDF : 2731.2/11

In: 12.851+/-0.520 χ^2/NDF : 237.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.398+/-0.357 χ^2/NDF : 2731.2/11

diff_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 825.214+/-0.368 χ^2/NDF : 33167.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 816.884+/-0.346 χ^2/NDF : 39567.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

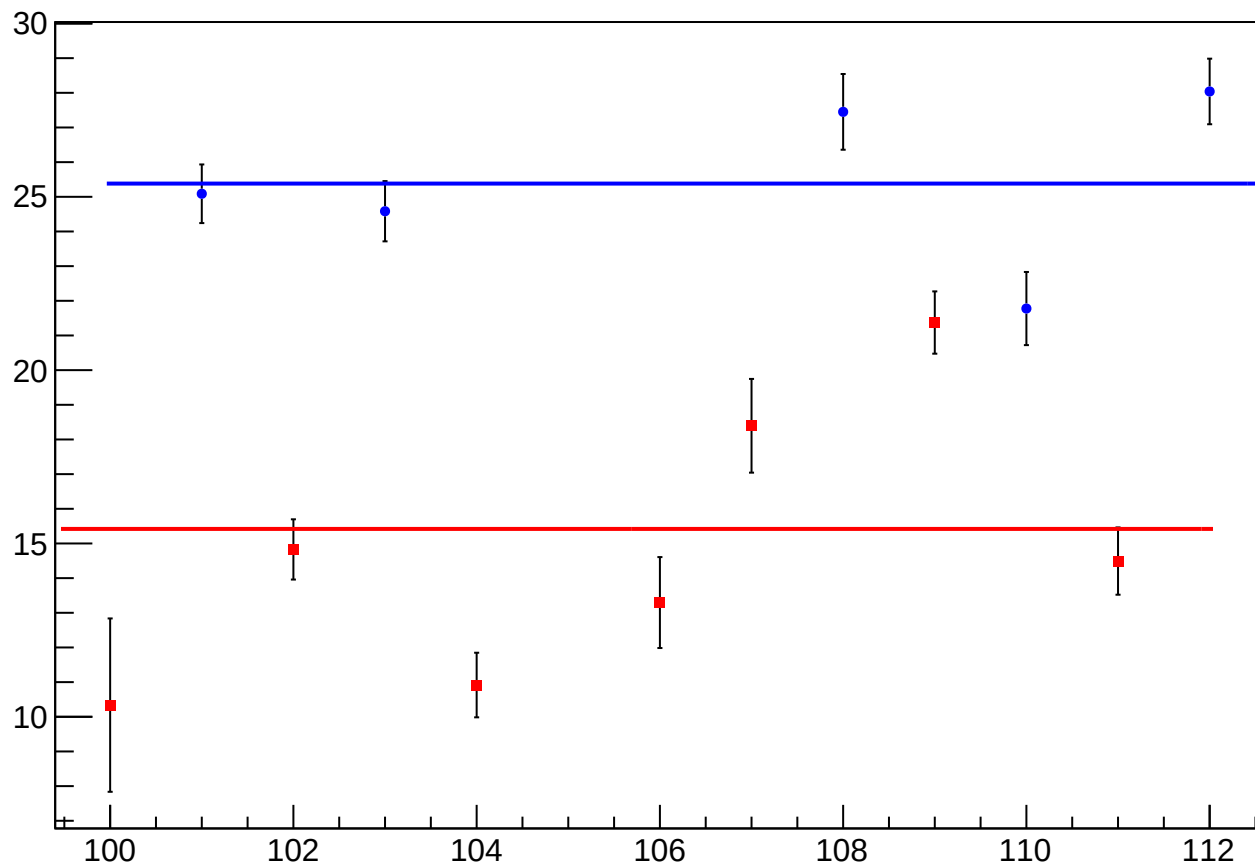
Right: 820.799+/-0.252 χ^2/NDF : 73006.6/11

In: 825.214+/-0.368 χ^2/NDF : 33167.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 820.799+/-0.252 χ^2/NDF : 73006.6/11

diff_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 25.382 $\pm$ 0.423 χ^2 /NDF: 24.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 15.420 $\pm$ 0.406 χ^2 /NDF: 80.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

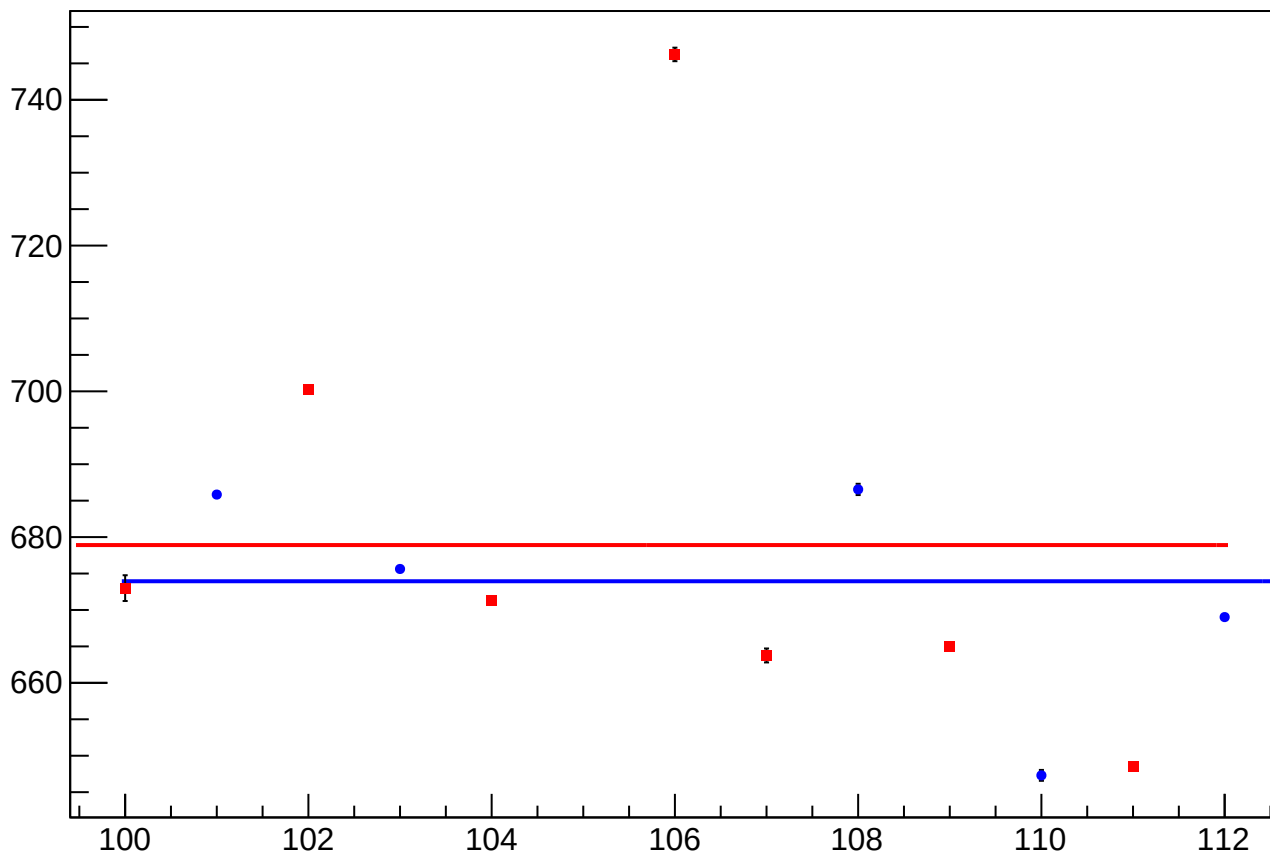
Right: 20.192 $\pm$ 0.293 χ^2 /NDF: 392.7/11

In: 25.382 $\pm$ 0.423 χ^2 /NDF: 24.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.192 $\pm$ 0.293 χ^2 /NDF: 392.7/11

diff_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 673.942 $\pm$ 0.299 χ^2 /NDF: 1997.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 678.907 $\pm$ 0.287 χ^2 /NDF: 9311.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

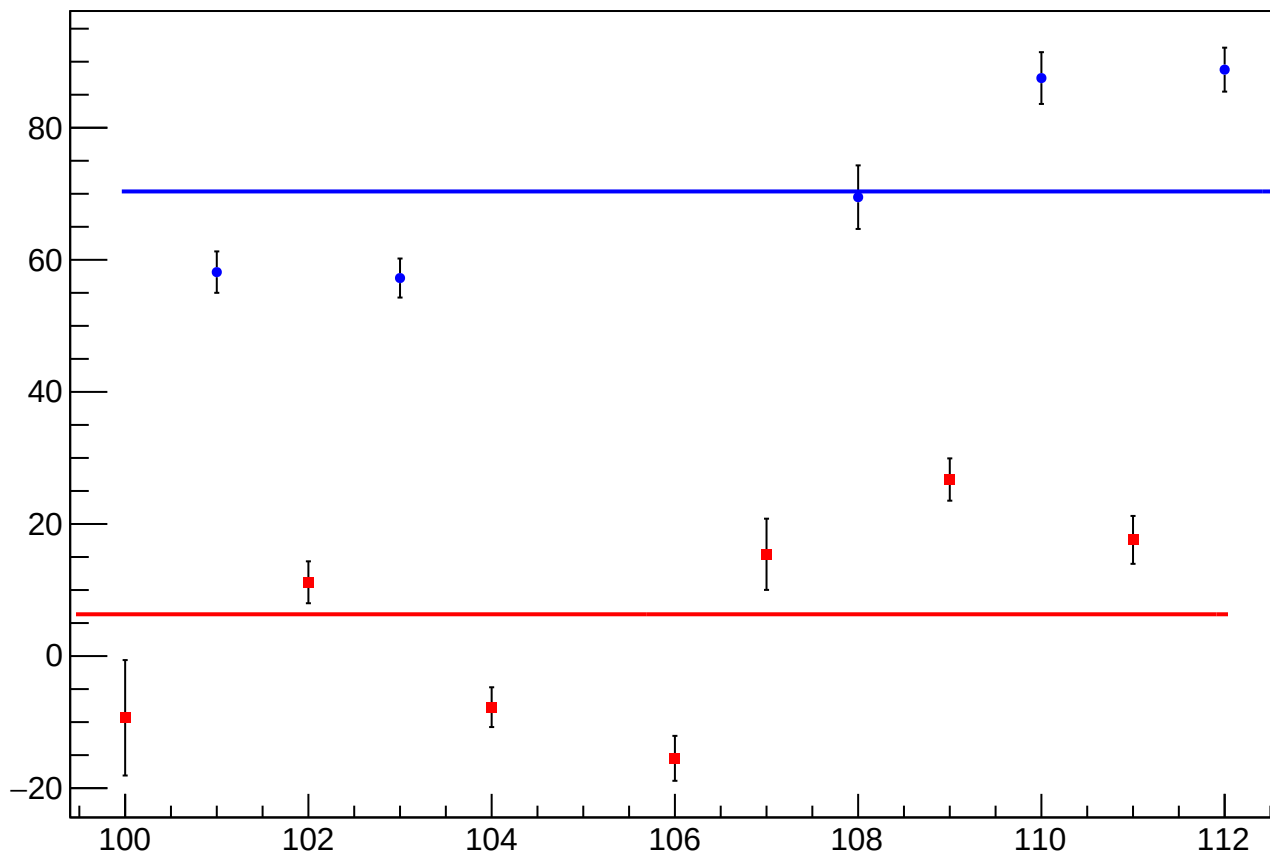
Right: 676.528 $\pm$ 0.207 χ^2 /NDF: 11452.7/11

In: 673.942 $\pm$ 0.299 χ^2 /NDF:1997.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 676.528 $\pm$ 0.207 χ^2 /NDF: 11452.7/11

diff_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 70.354 $\pm$ 1.553 χ^2 /NDF: 84.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.328 $\pm$ 1.391 χ^2 /NDF: 121.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

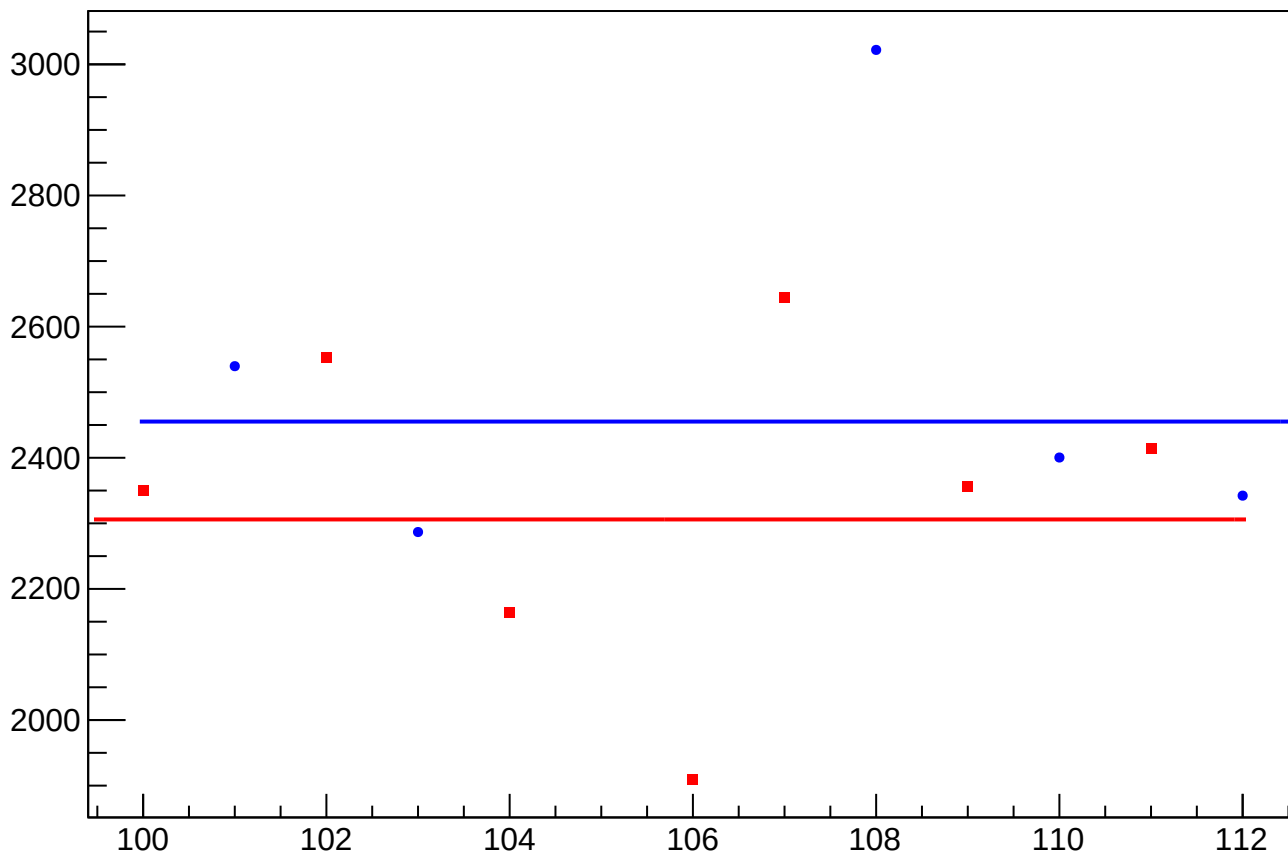
Right: 34.829 $\pm$ 1.036 χ^2 /NDF: 1149.6/11

In: 70.354 $\pm$ 1.553 χ^2 /NDF: 84.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.829 $\pm$ 1.036 χ^2 /NDF: 1149.6/11

diff_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 2455.227+/-1.098 χ^2/NDF : 38386.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2305.944+/-0.984 χ^2/NDF : 53974.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

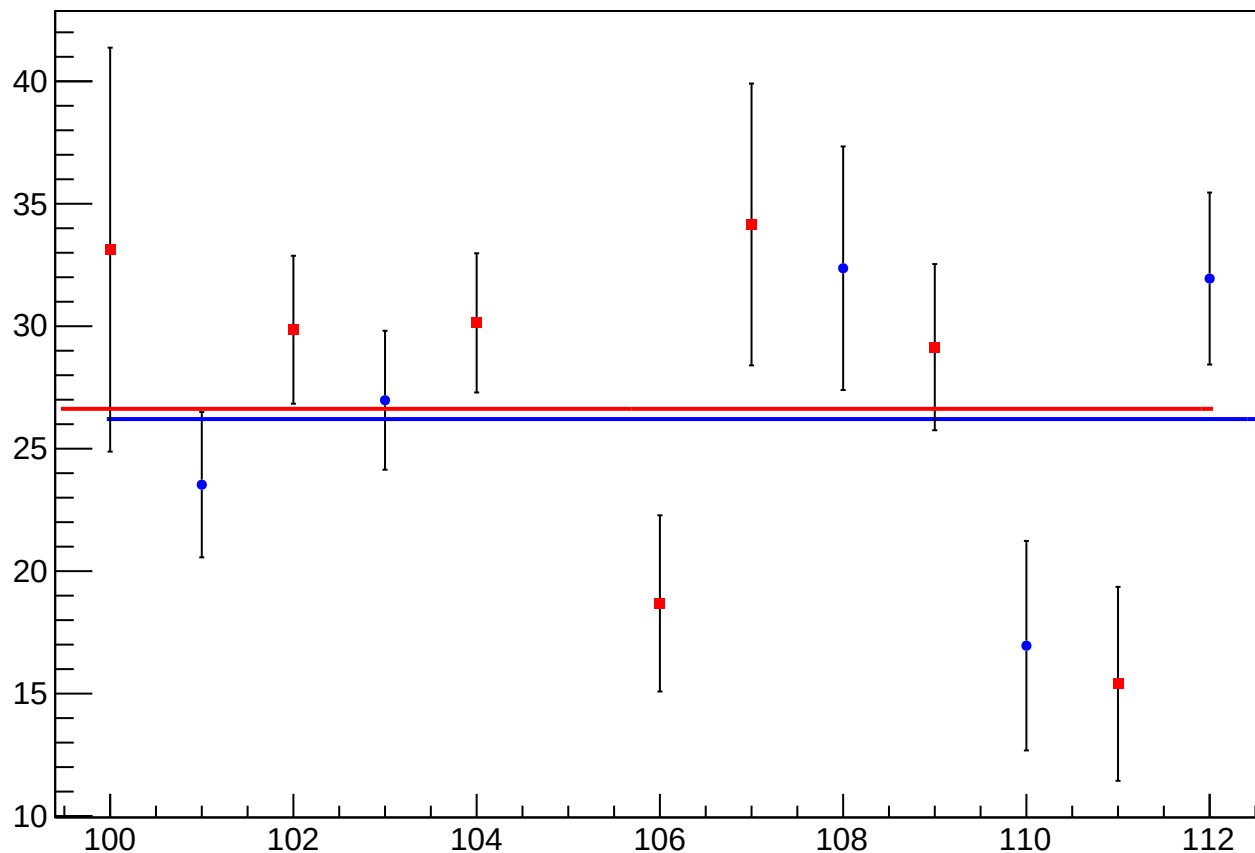
Right: 2372.397+/-0.733 χ^2/NDF : 102616.5/11

In: 2455.227+/-1.098 χ^2/NDF : 38386.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2372.397+/-0.733 χ^2/NDF : 102616.5/11

diff_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: 26.209+/-1.554 χ^2/NDF : 9.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.628+/-1.405 χ^2/NDF : 18.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

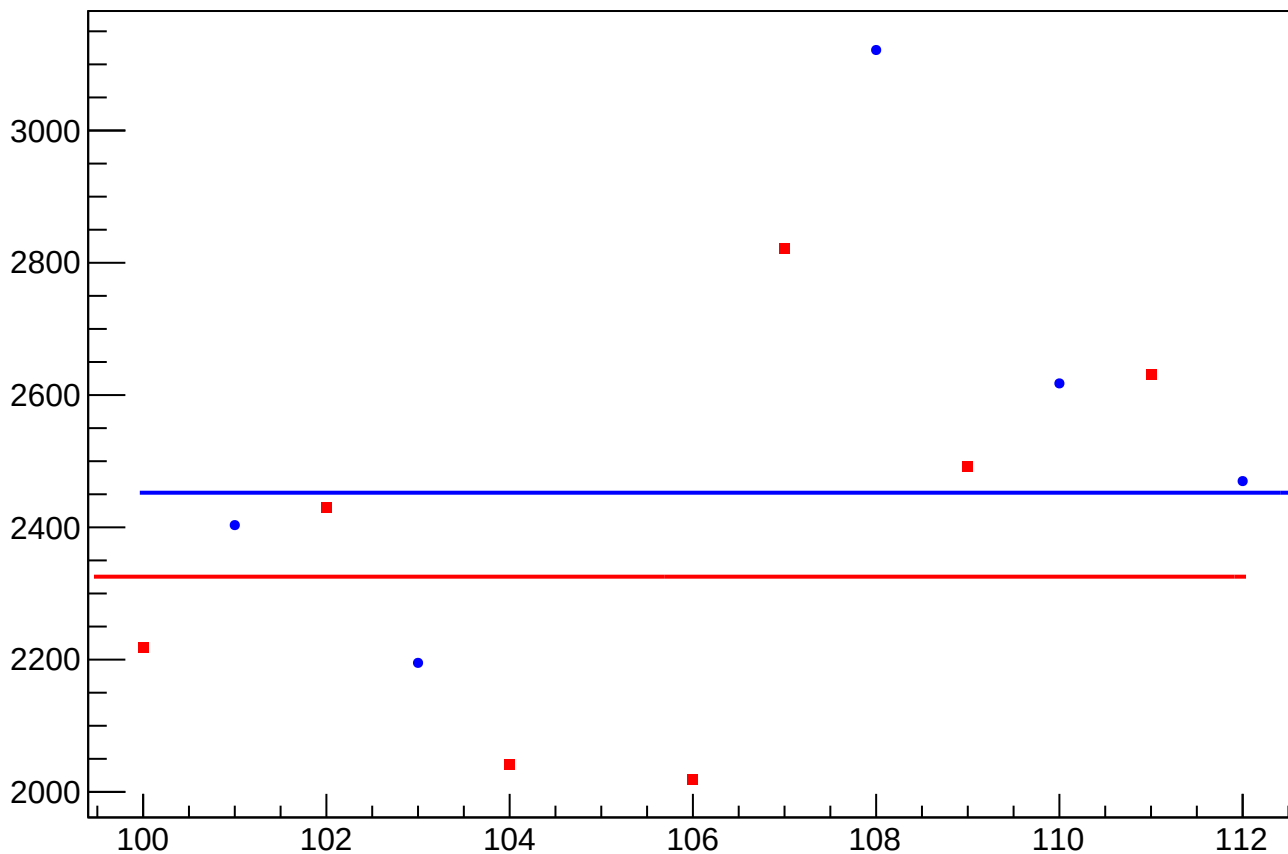
Right: 26.439+/-1.042 χ^2/NDF : 28.3/11

In: 26.209+/-1.554 χ^2/NDF : 9.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.439+/-1.042 χ^2/NDF : 28.3/11

diff_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 2452.365+/-1.099 χ^2/NDF : 56286.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2325.419+/-0.994 χ^2/NDF : 68909.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

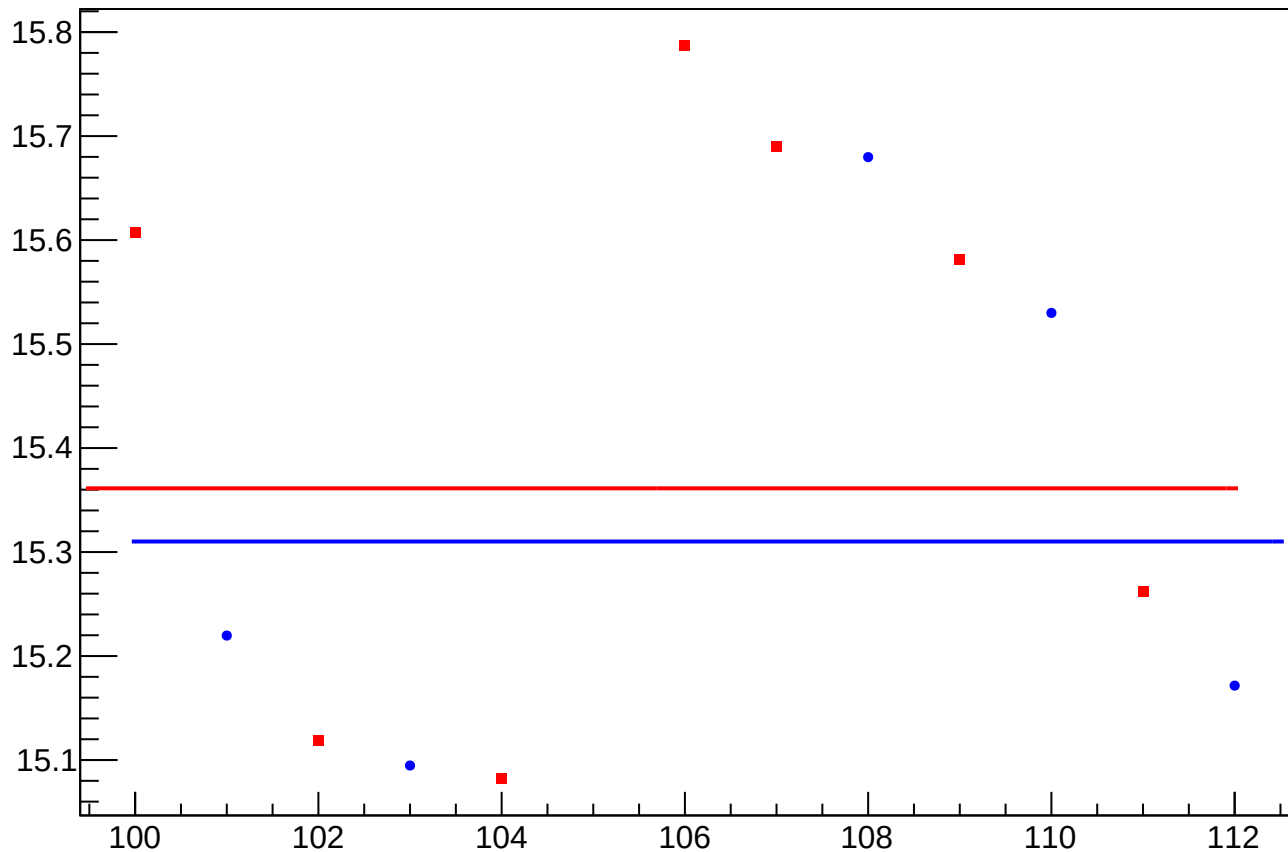
Right: 2382.541+/-0.737 χ^2/NDF : 132537.0/11

In: 2452.365+/-1.099 χ^2/NDF : 56286.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2382.541+/-0.737 χ^2/NDF : 132537.0/11

yield_sam1_mean vs Slug, Sign Corrected



Right In: 15.310+/-0.000 χ^2/NDF : 195984407.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.361+/-0.000 χ^2/NDF : 326572036.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

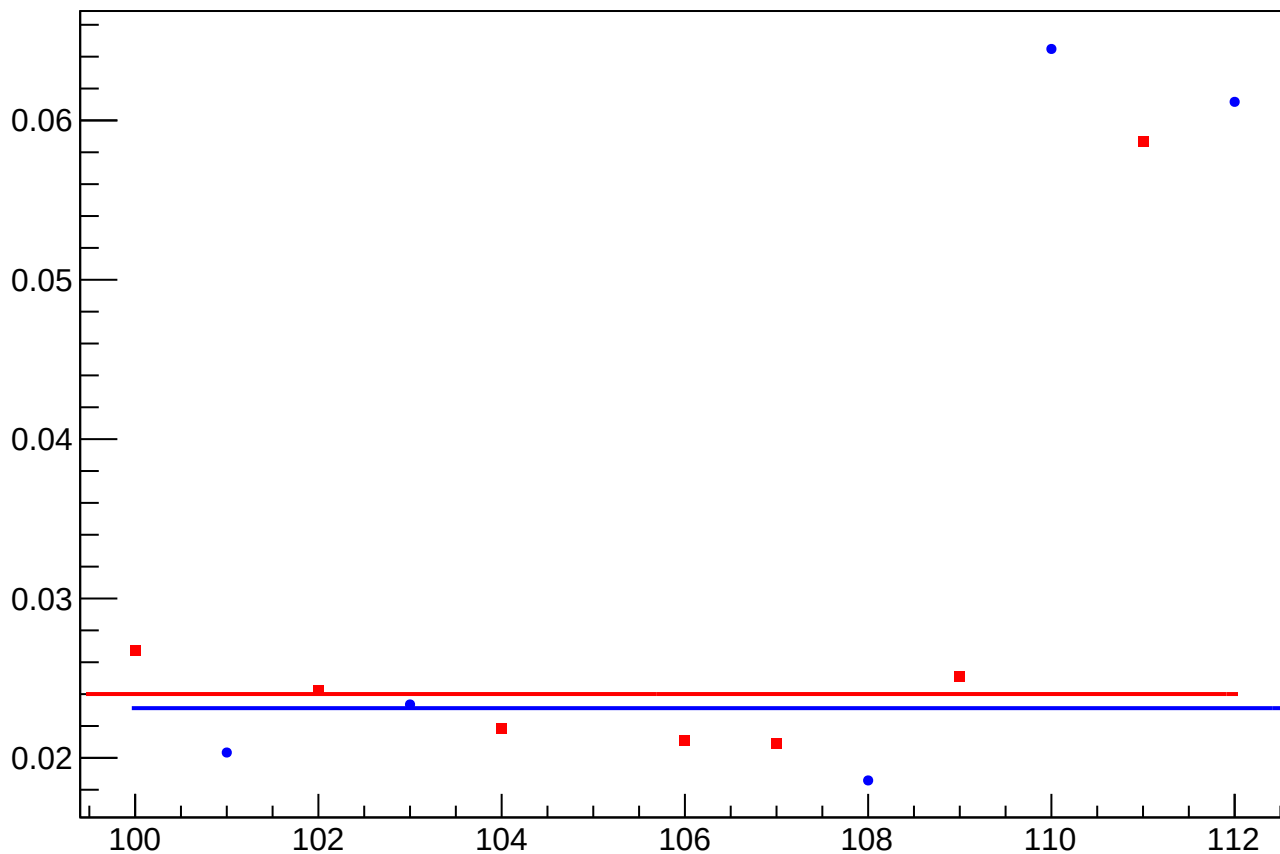
Right: 15.337+/-0.000 χ^2/NDF : 527434601.2/11

In: 15.310+/-0.000 χ^2/NDF : 195984407.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.337+/-0.000 χ^2/NDF : 527434601.2/11

yield_sam1_rms vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 689690.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.024+/-0.000 χ^2/NDF : 320299.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

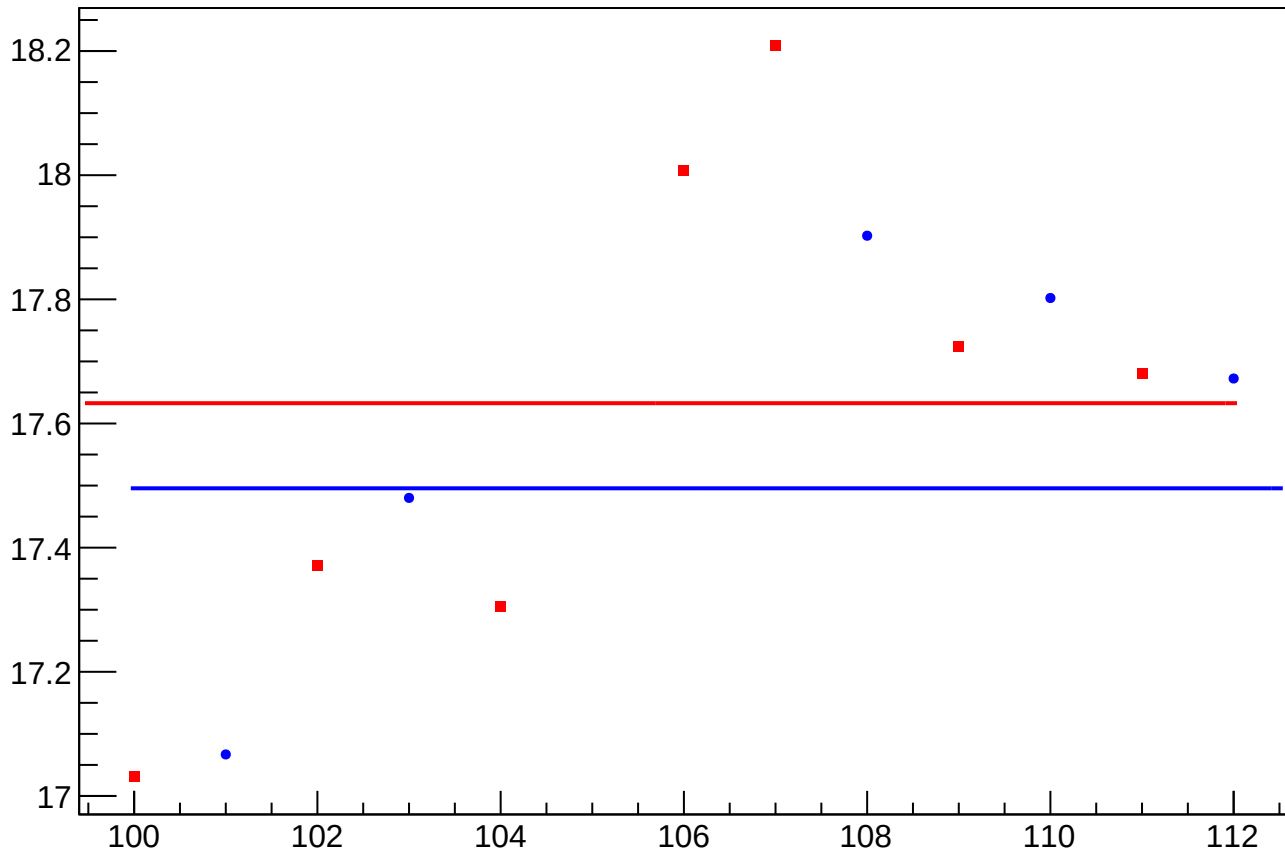
Right: 0.024+/-0.000 χ^2/NDF : 1012916.8/11

In: 0.023+/-0.000 χ^2/NDF : 689690.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 1012916.8/11

yield_sam2_mean vs Slug, Sign Corrected



Right In: 17.496+/-0.000 χ^2/NDF : 4386935.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.633+/-0.000 χ^2/NDF : 3127314.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

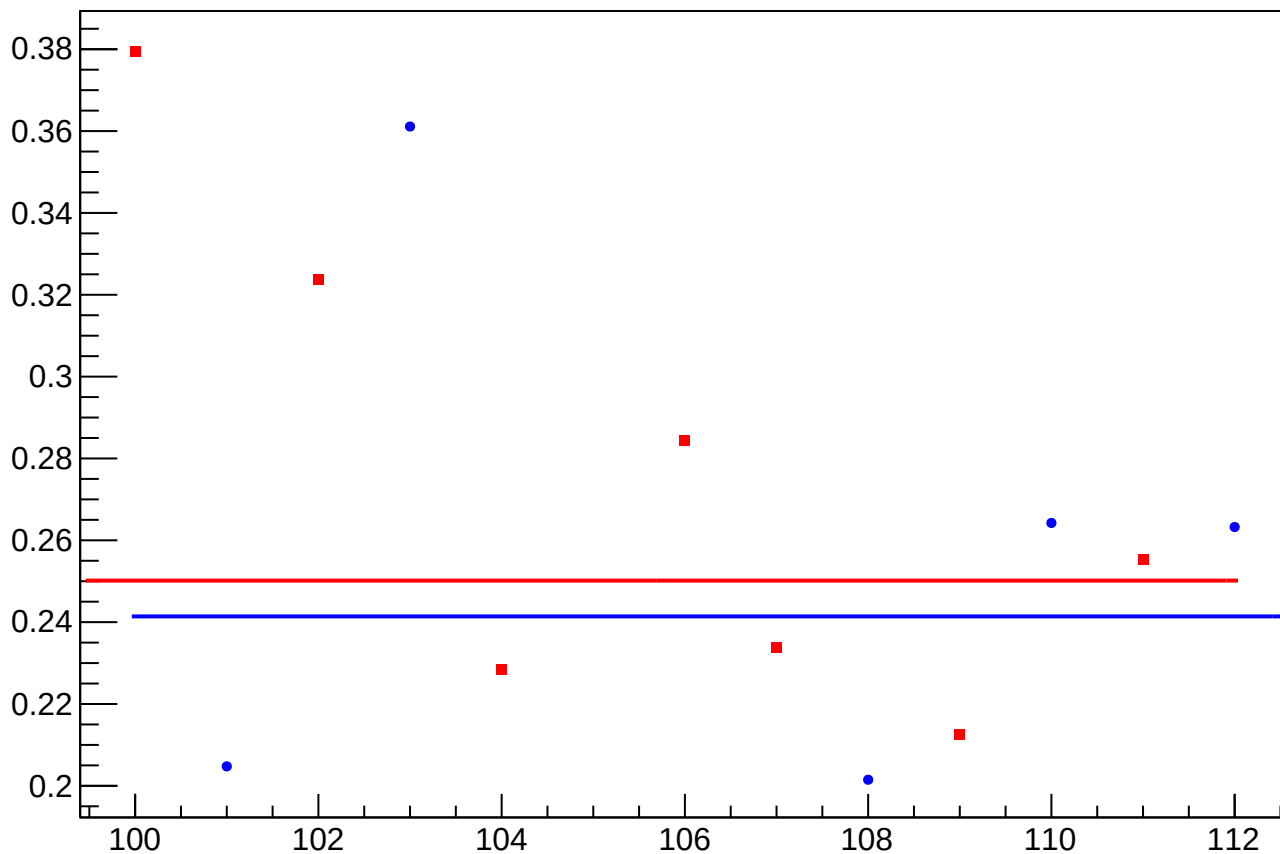
Right: 17.564+/-0.000 χ^2/NDF : 7863901.5/11

In: 17.496+/-0.000 χ^2/NDF : 4386935.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.564+/-0.000 χ^2/NDF : 7863901.5/11

yield_sam2_rms vs Slug, Sign Corrected



Right In: 0.241+/-0.000 χ^2/NDF : 202453.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.250+/-0.000 χ^2/NDF : 122758.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

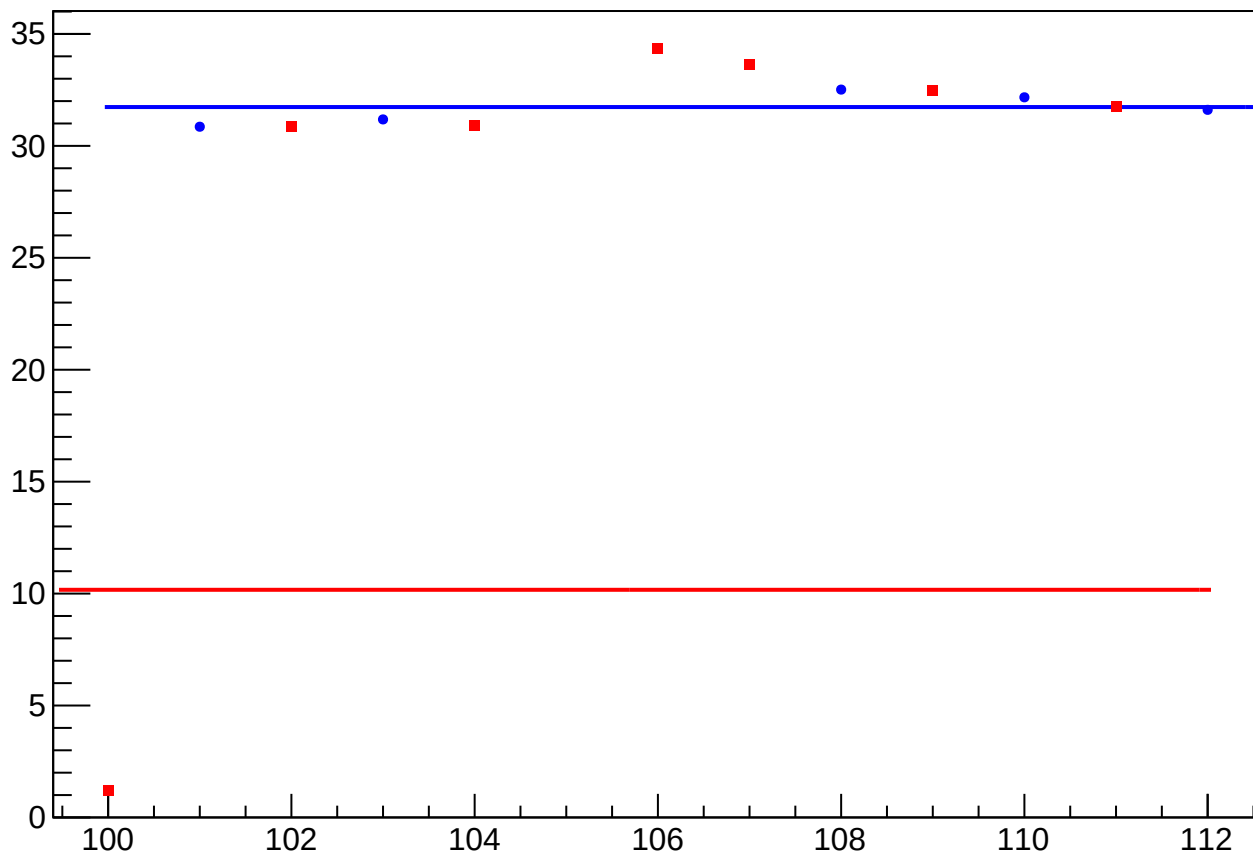
Right: 0.246+/-0.000 χ^2/NDF : 328060.5/11

In: 0.241+/-0.000 χ^2/NDF : 202453.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.246+/-0.000 χ^2/NDF : 328060.5/11

yield_sam3_mean vs Slug, Sign Corrected



Right In: 31.735+/-0.000 χ^2/NDF : 35400098.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.170+/-0.000 χ^2/NDF : 108188759157.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

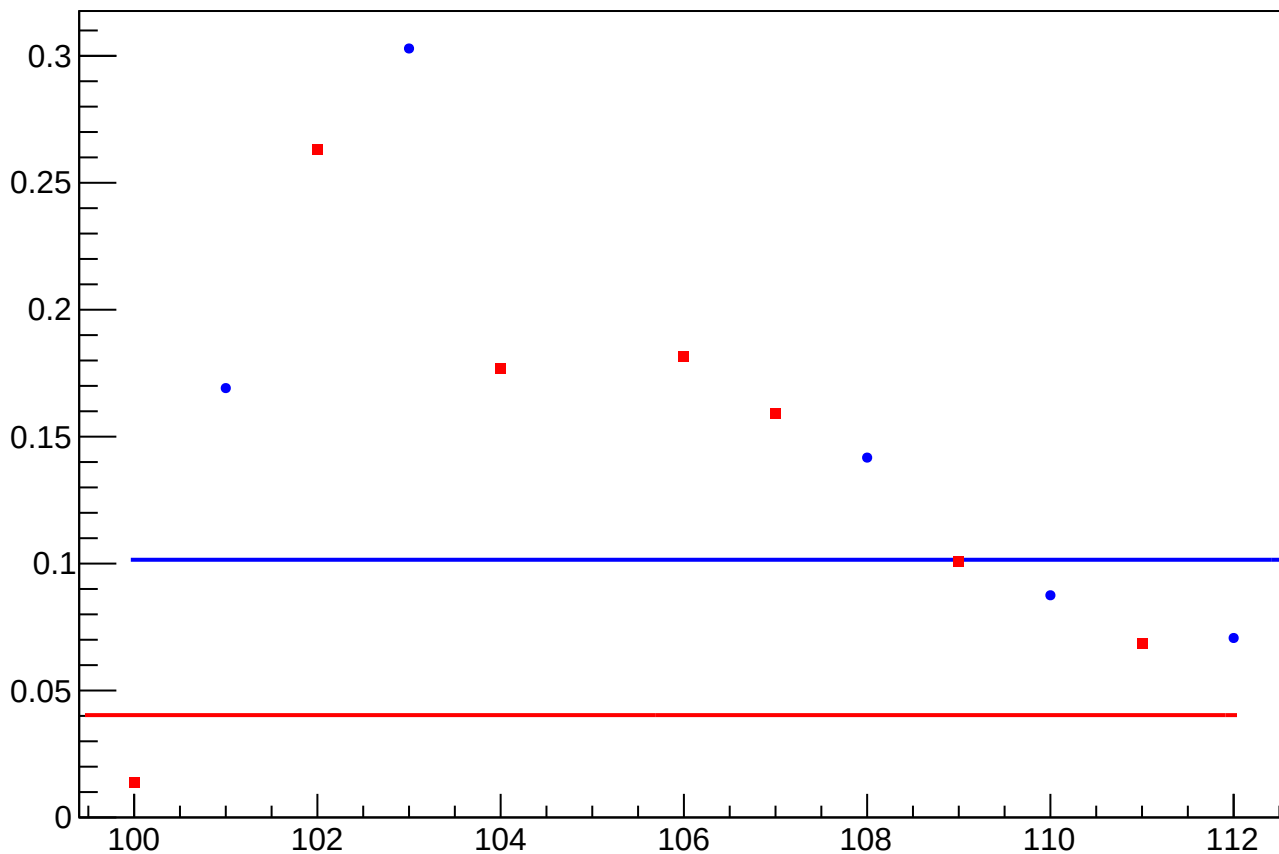
Right: 15.201+/-0.000 χ^2/NDF : 167962276588.8/11

In: 31.735+/-0.000 χ^2/NDF : 35400098.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.201+/-0.000 χ^2/NDF : 167962276588.8/11

yield_sam3_rms vs Slug, Sign Corrected



Right In: 0.102+/-0.000 χ^2/NDF : 915388.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.040+/-0.000 χ^2/NDF : 2791530.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

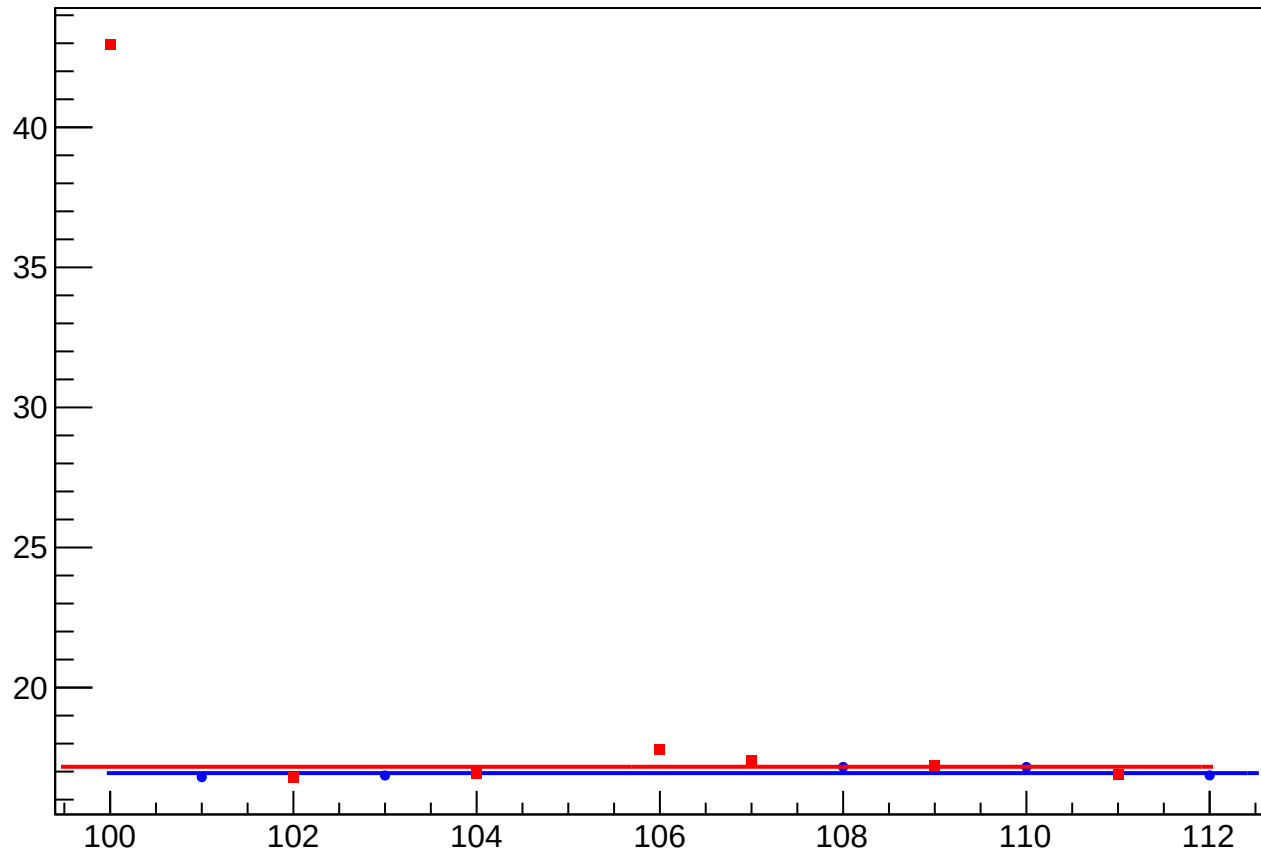
Right: 0.055+/-0.000 χ^2/NDF : 4669020.1/11

In: 0.102+/-0.000 χ^2/NDF : 915388.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.055+/-0.000 χ^2/NDF : 4669020.1/11

yield_sam4_mean vs Slug, Sign Corrected



Right In: 16.946+/-0.000 χ^2/NDF : 4257835.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.173+/-0.000 χ^2/NDF : 256912721.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

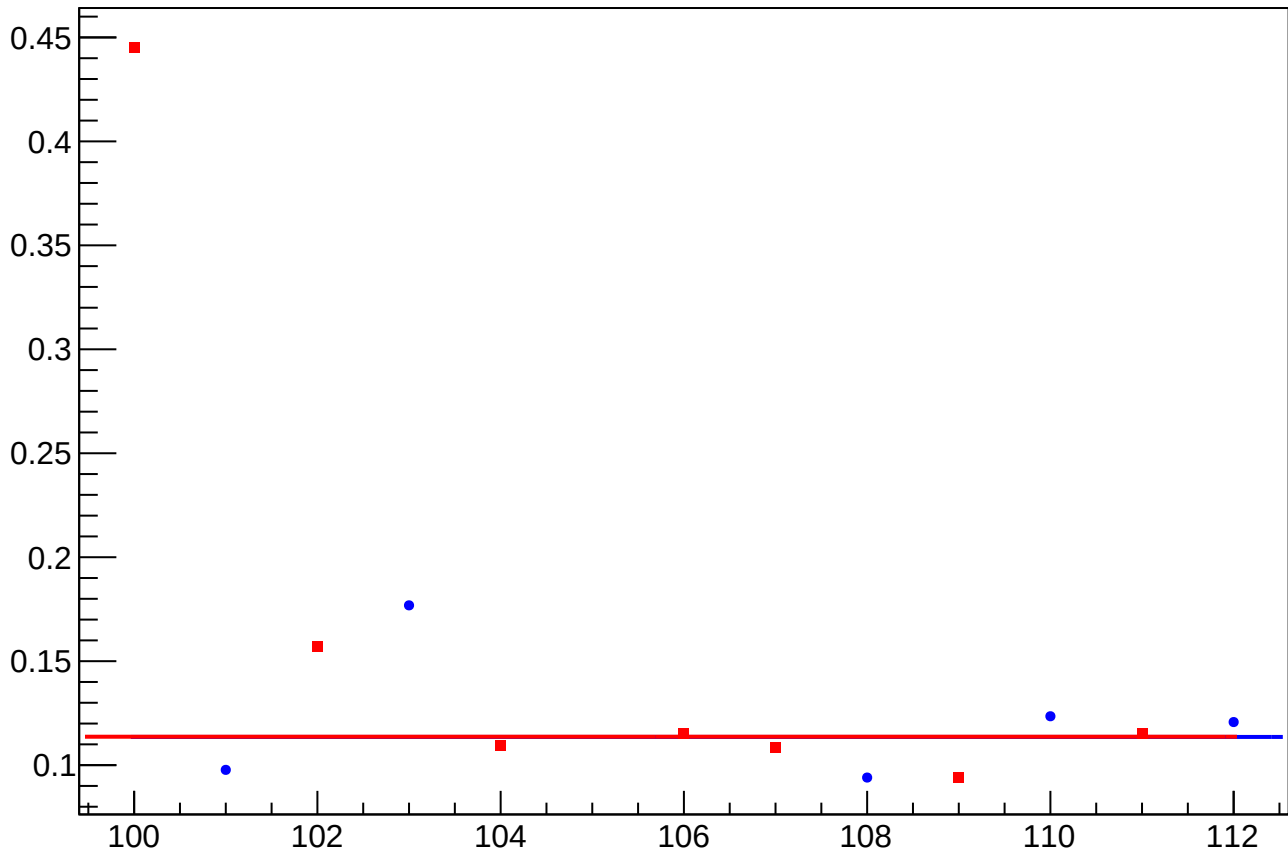
Right: 17.062+/-0.000 χ^2/NDF : 265524614.6/11

In: 16.946+/-0.000 χ^2/NDF : 4257835.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.062+/-0.000 χ^2/NDF : 265524614.6/11

yield_sam4_rms vs Slug, Sign Corrected



Right In: 0.114+/-0.000 χ^2/NDF : 214140.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.114+/-0.000 χ^2/NDF : 207326.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

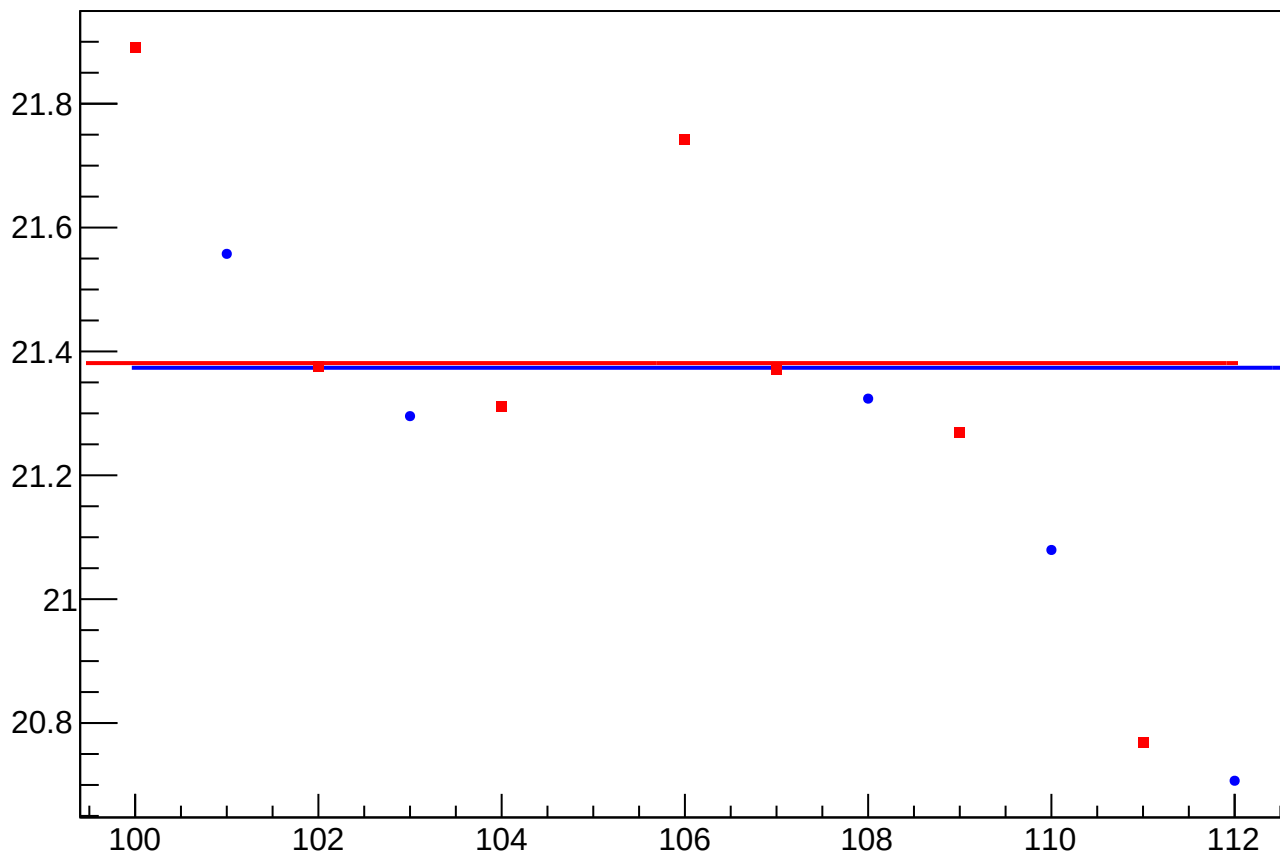
Right: 0.114+/-0.000 χ^2/NDF : 421468.7/11

In: 0.114+/-0.000 χ^2/NDF : 214140.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.114+/-0.000 χ^2/NDF : 421468.7/11

yield_sam5_mean vs Slug, Sign Corrected



Right In: 21.374+/-0.000 χ^2/NDF : 105553073.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.381+/-0.000 χ^2/NDF : 132495216.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

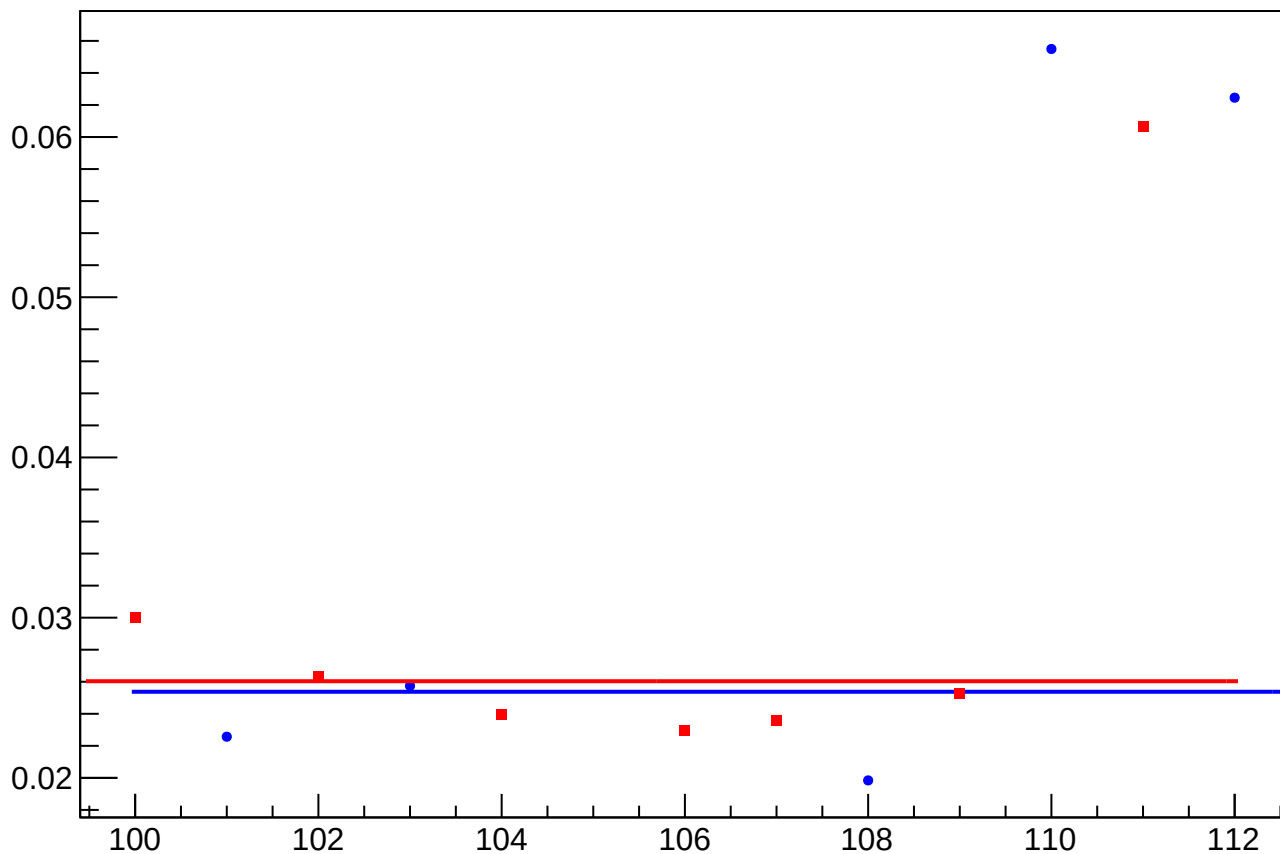
Right: 21.378+/-0.000 χ^2/NDF : 238138253.0/11

In: 21.374+/-0.000 χ^2/NDF : 105553073.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.378+/-0.000 χ^2/NDF : 238138253.0/11

yield_sam5_rms vs Slug, Sign Corrected



Right In: 0.025+/-0.000 χ^2/NDF : 639500.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.026+/-0.000 χ^2/NDF : 292525.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

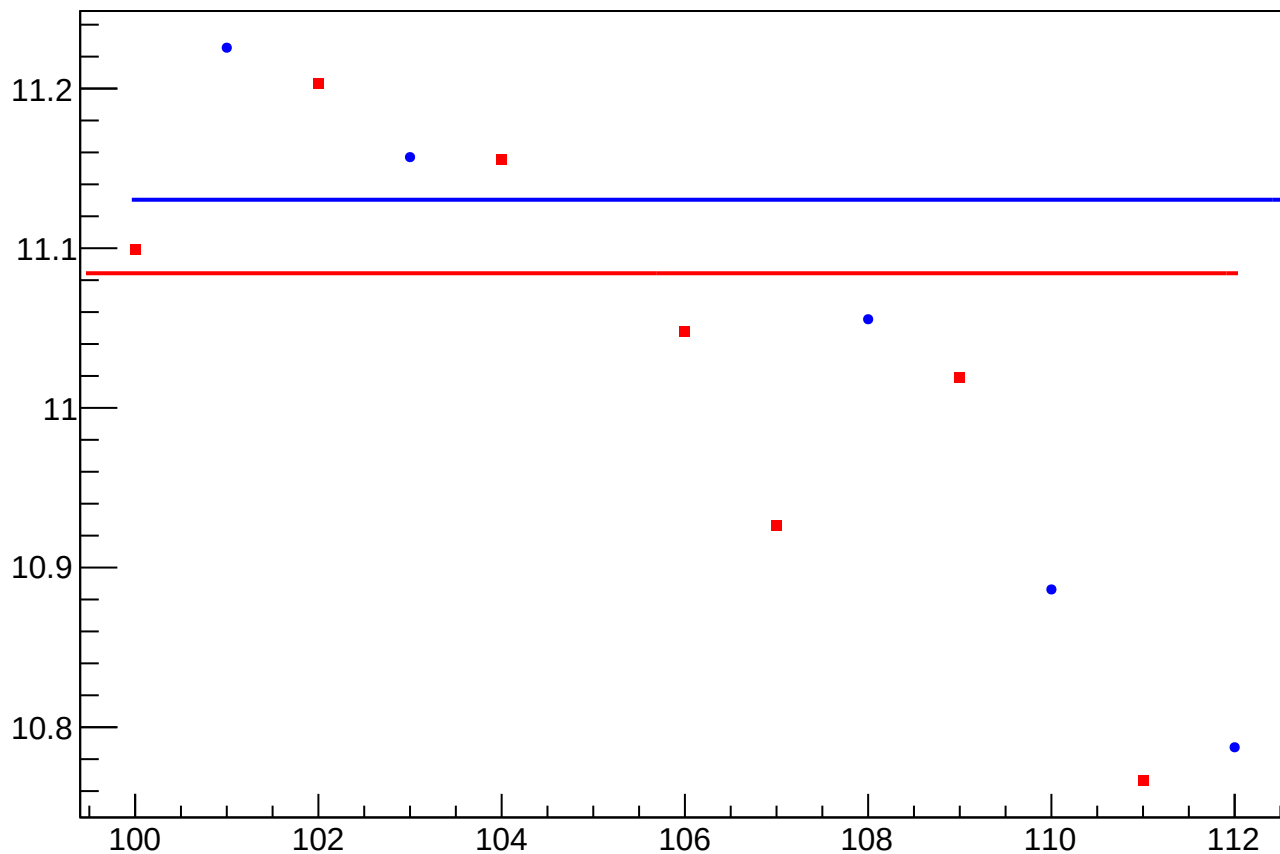
Right: 0.026+/-0.000 χ^2/NDF : 933394.4/11

In: 0.025+/-0.000 χ^2/NDF : 639500.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.026+/-0.000 χ^2/NDF : 933394.4/11

yield_sam6_mean vs Slug, Sign Corrected



Right In: 11.130+/-0.000 χ^2/NDF : 250250569.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.084+/-0.000 χ^2/NDF : 211573339.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

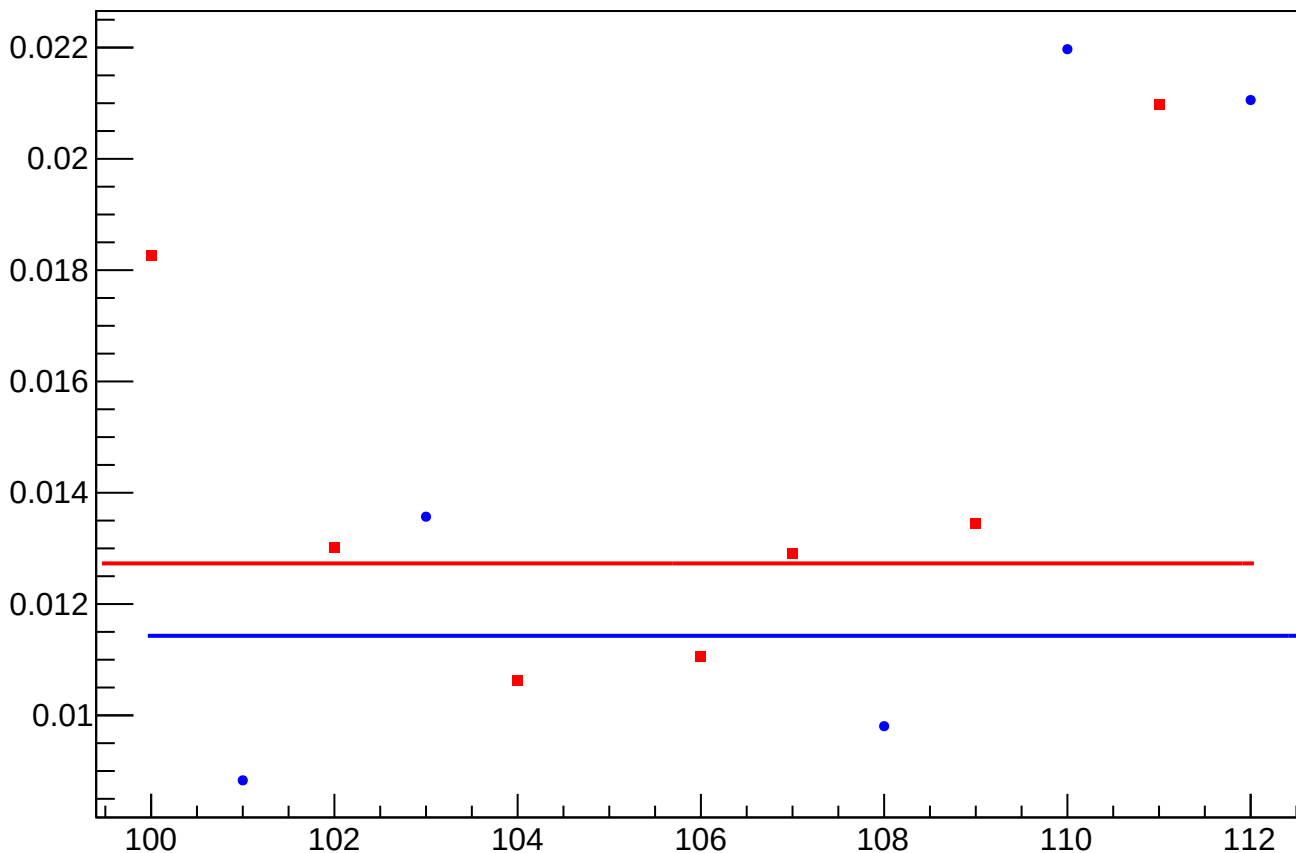
Right: 11.108+/-0.000 χ^2/NDF : 477639872.3/11

In: 11.130+/-0.000 χ^2/NDF : 250250569.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.108+/-0.000 χ^2/NDF : 477639872.3/11

yield_sam6_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 489217.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 194504.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

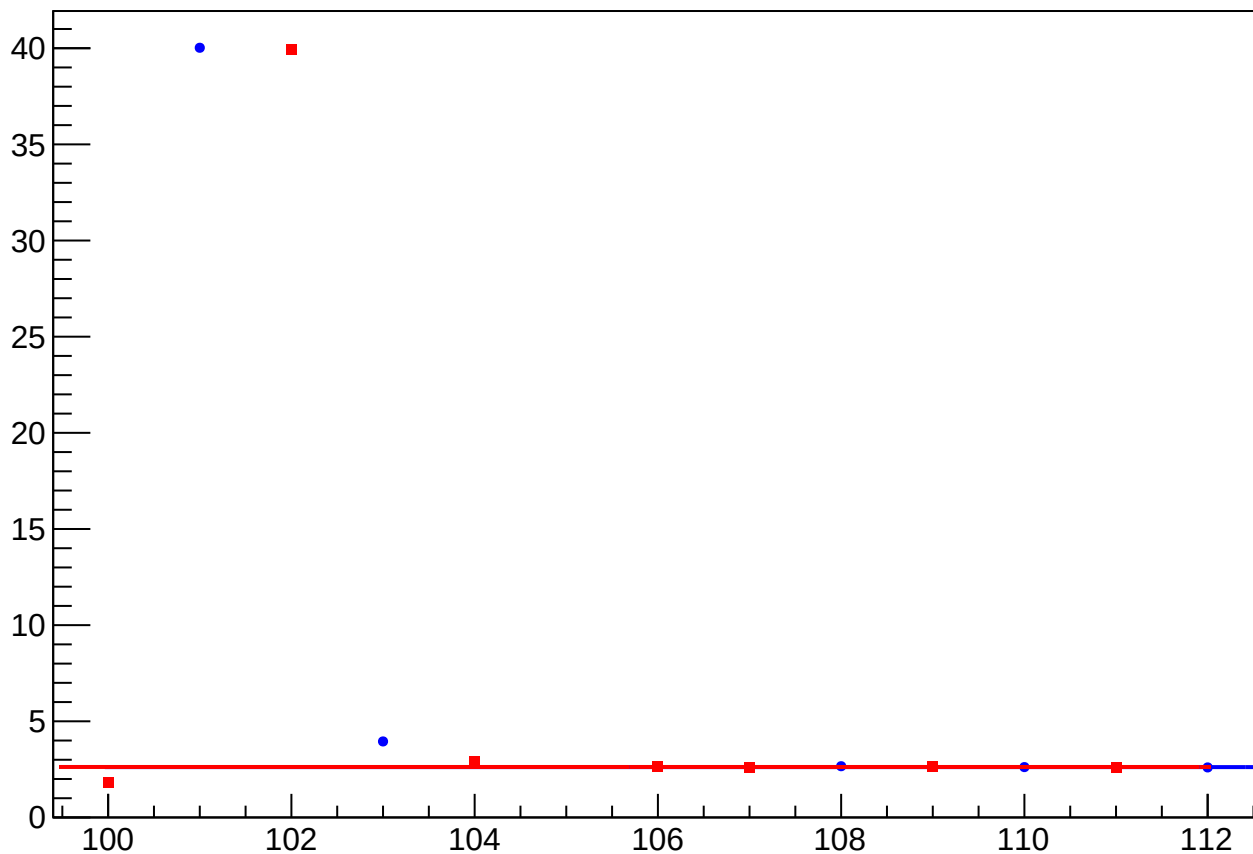
Right: 0.012+/-0.000 χ^2/NDF : 708973.3/11

In: 0.011+/-0.000 χ^2/NDF : 489217.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 708973.3/11

yield_sam7_mean vs Slug, Sign Corrected



Right In: 2.618+/-0.000 χ^2/NDF : 62122518607.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.625+/-0.000 χ^2/NDF : 60523369230.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

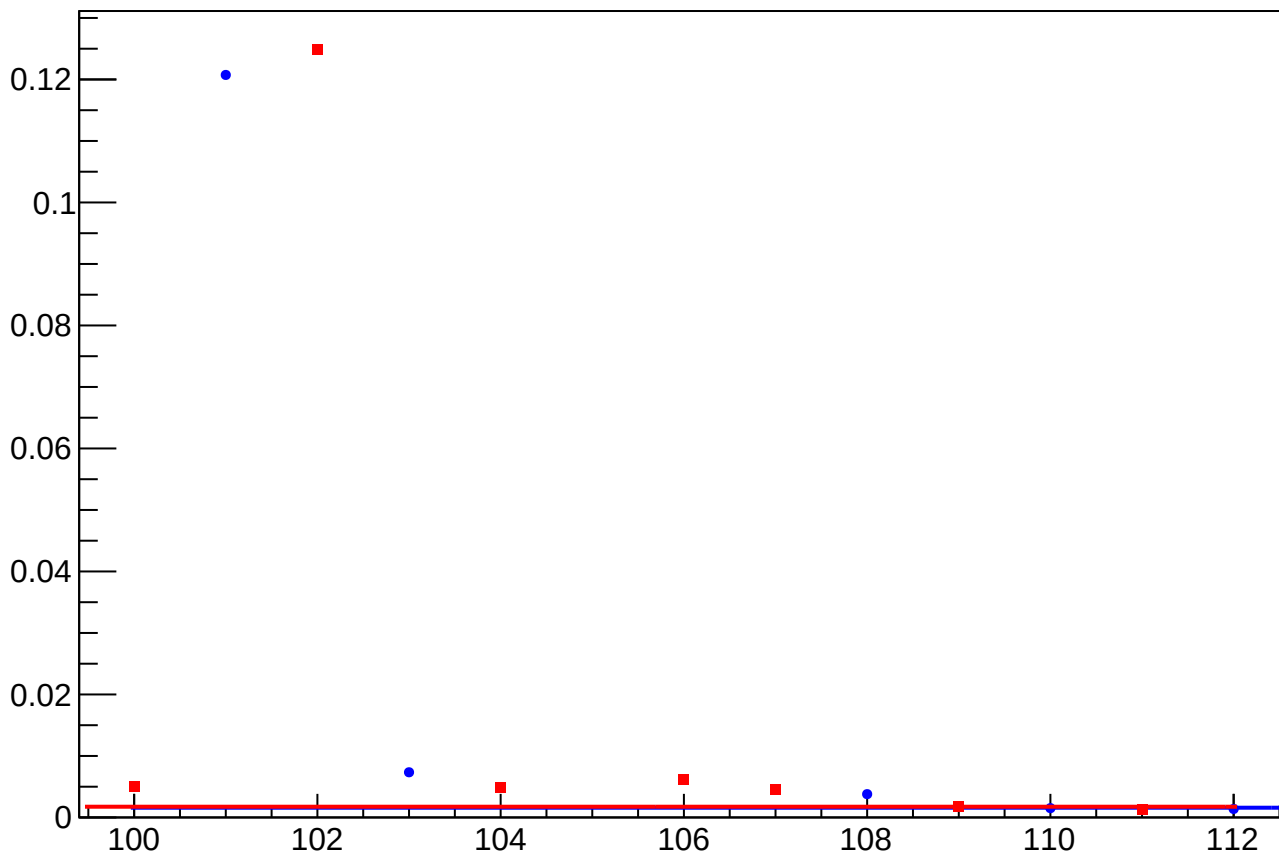
Right: 2.622+/-0.000 χ^2/NDF : 122654276812.5/11

In: 2.618+/-0.000 χ^2/NDF : 62122518607.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.622+/-0.000 χ^2/NDF : 122654276812.5

yield_sam7_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1530737.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2070552.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

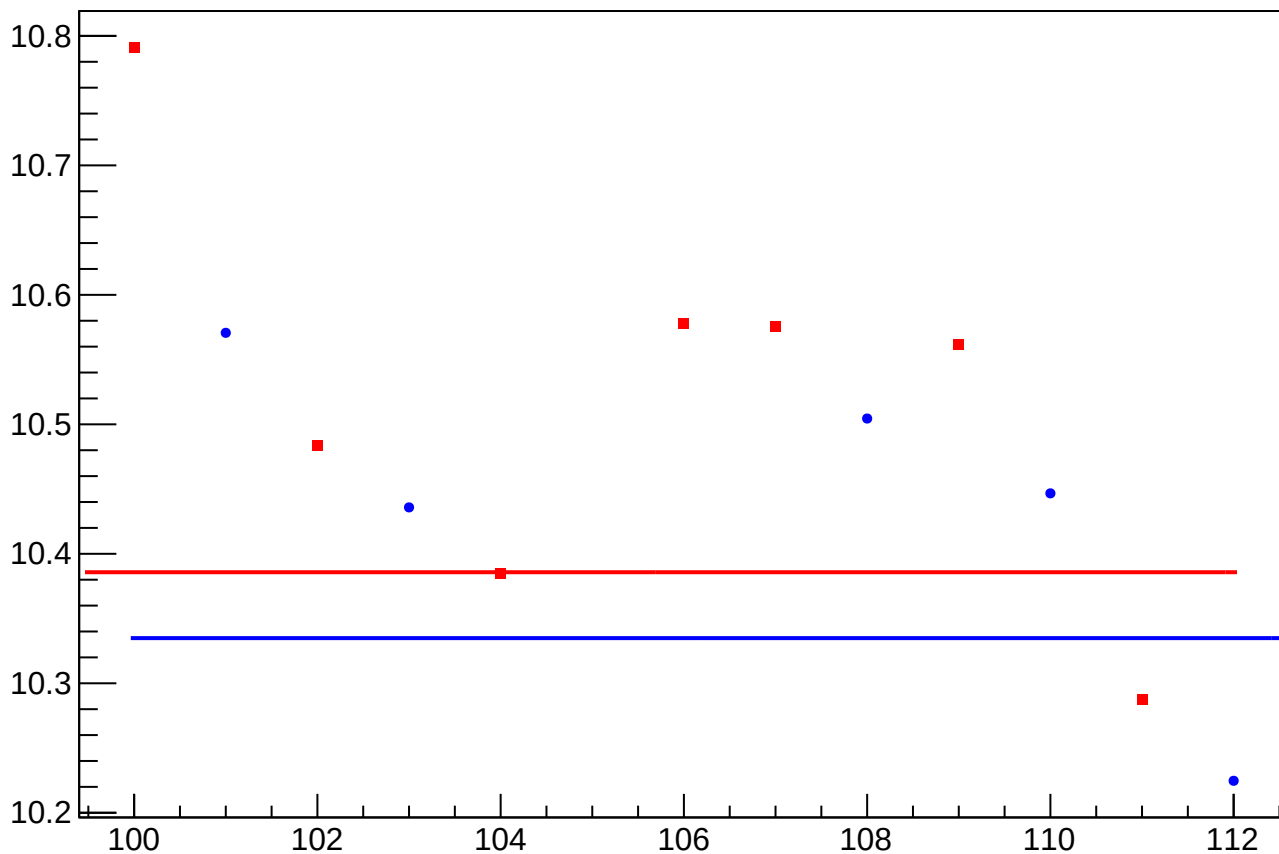
Right: 0.002+/-0.000 χ^2/NDF : 3612258.2/11

In: 0.002+/-0.000 χ^2/NDF : 1530737.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3612258.2/11

yield_sam8_mean vs Slug, Sign Corrected



Right In: 10.335+/-0.000 χ^2/NDF : 1291000095.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.386+/-0.000 χ^2/NDF : 1257107208.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

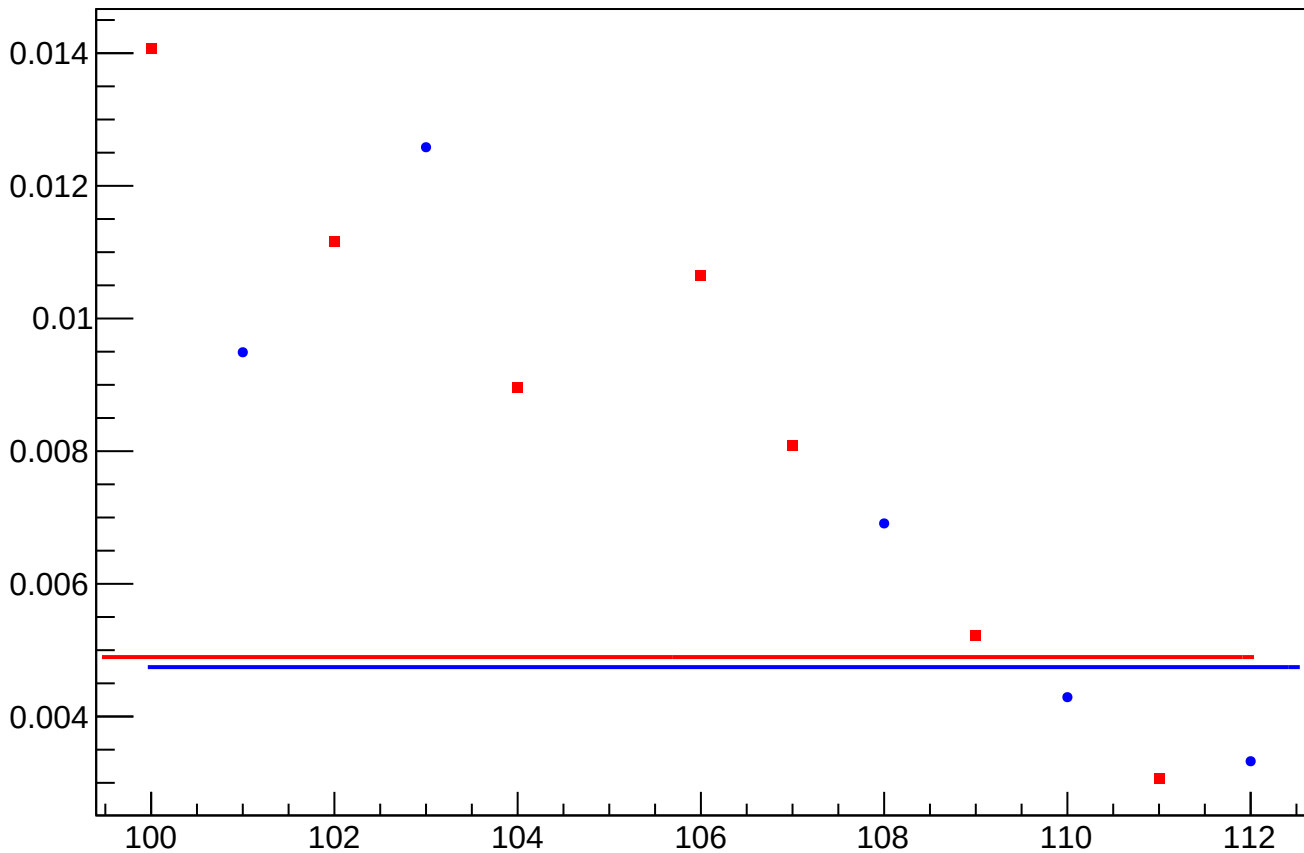
Right: 10.361+/-0.000 χ^2/NDF : 2649151967.0/11

In: 10.335+/-0.000 χ^2/NDF : 1291000095.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.361+/-0.000 χ^2/NDF : 2649151967.0/11

yield_sam8_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 953870.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1153098.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

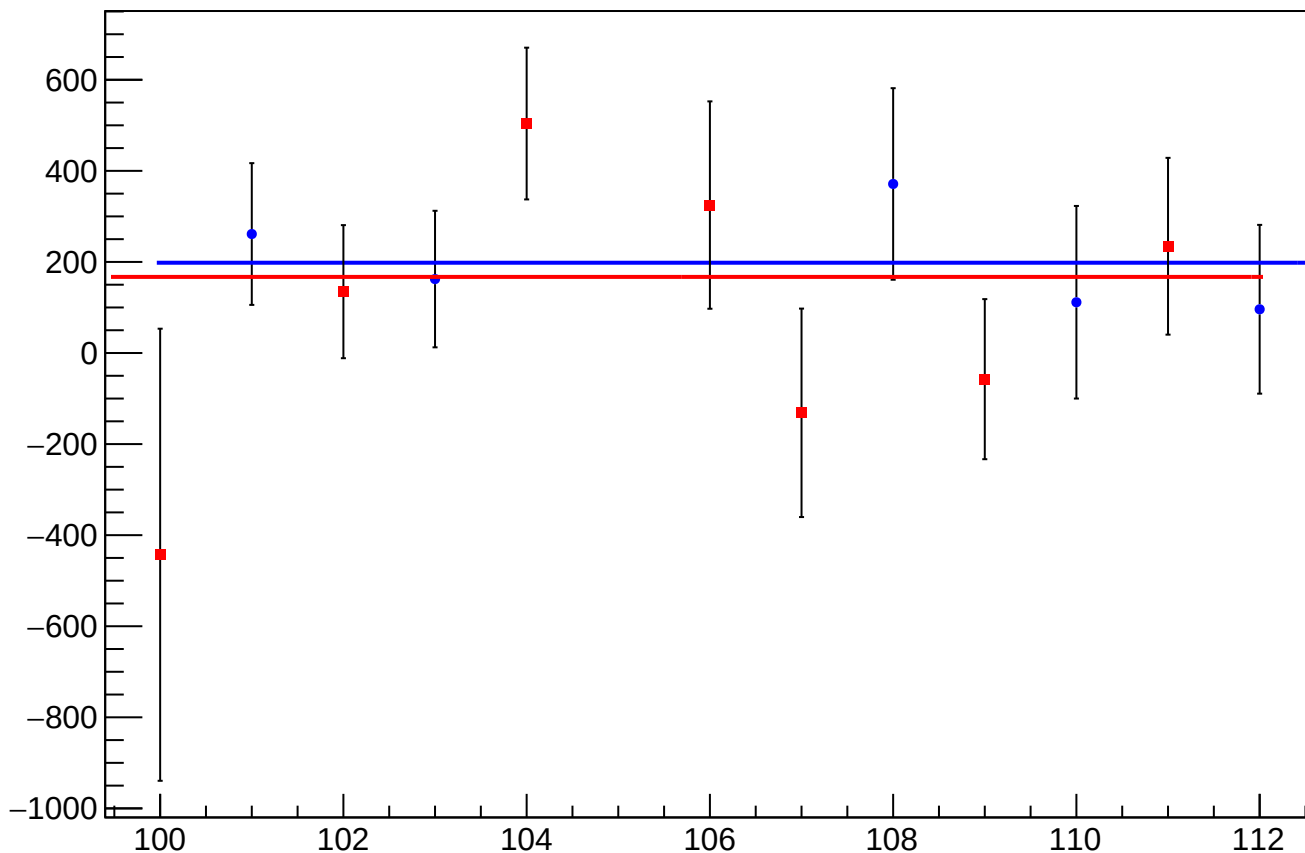
Right: 0.005+/-0.000 χ^2/NDF : 2108759.2/11

In: 0.005+/-0.000 χ^2/NDF : 953870.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2108759.2/11

reg_asym_sam1_mean vs Slug, Sign Corrected



Right In: 198.262 $\pm$ 79.091 χ^2 /NDF: 1.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 167.127 $\pm$ 73.683 χ^2 /NDF: 9.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

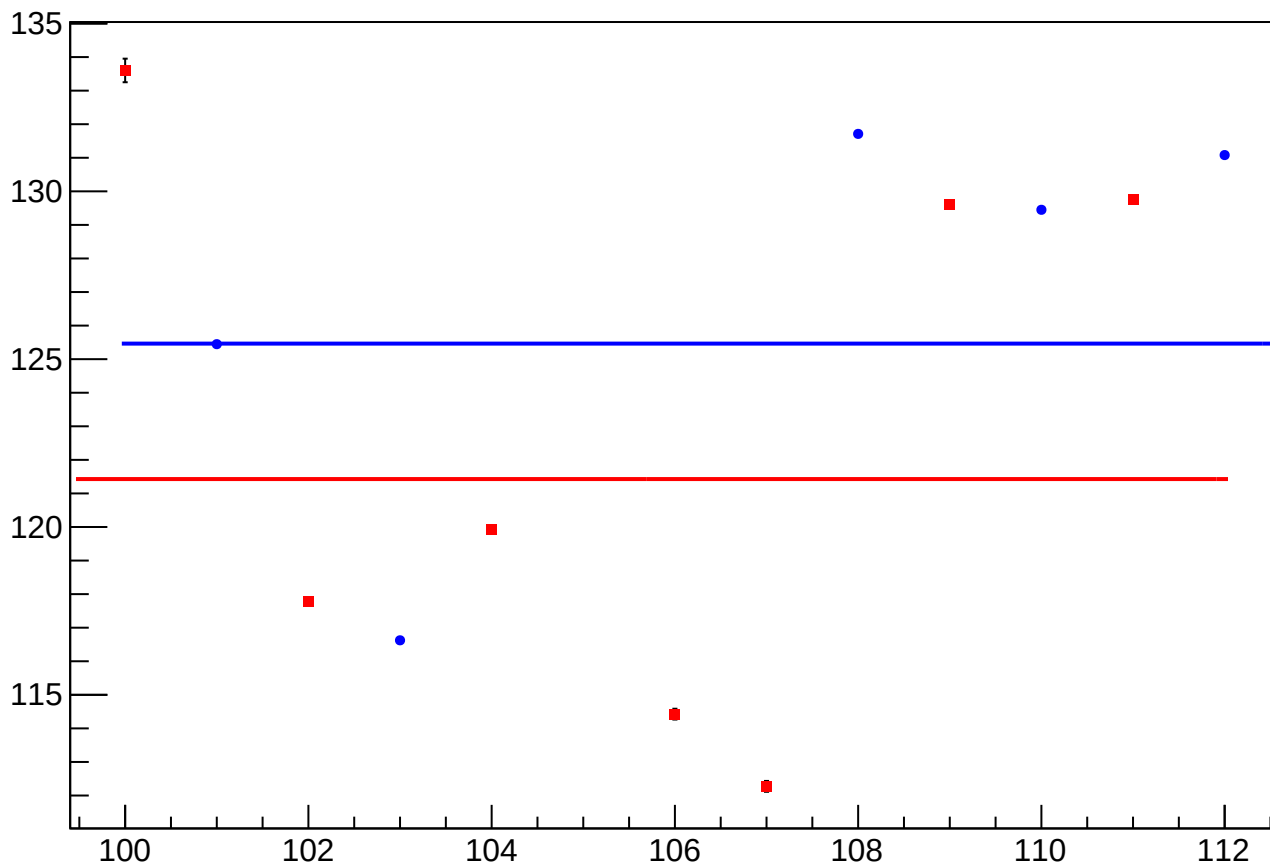
Right: 181.593 $\pm$ 53.912 χ^2 /NDF: 11.0/11

In: 198.262 $\pm$ 79.091 χ^2 /NDF:1.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 181.593 $\pm$ 53.912 χ^2 /NDF: 11.0/11

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 125.464+/-0.056 χ^2/NDF : 11266.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.428+/-0.052 χ^2/NDF : 15705.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

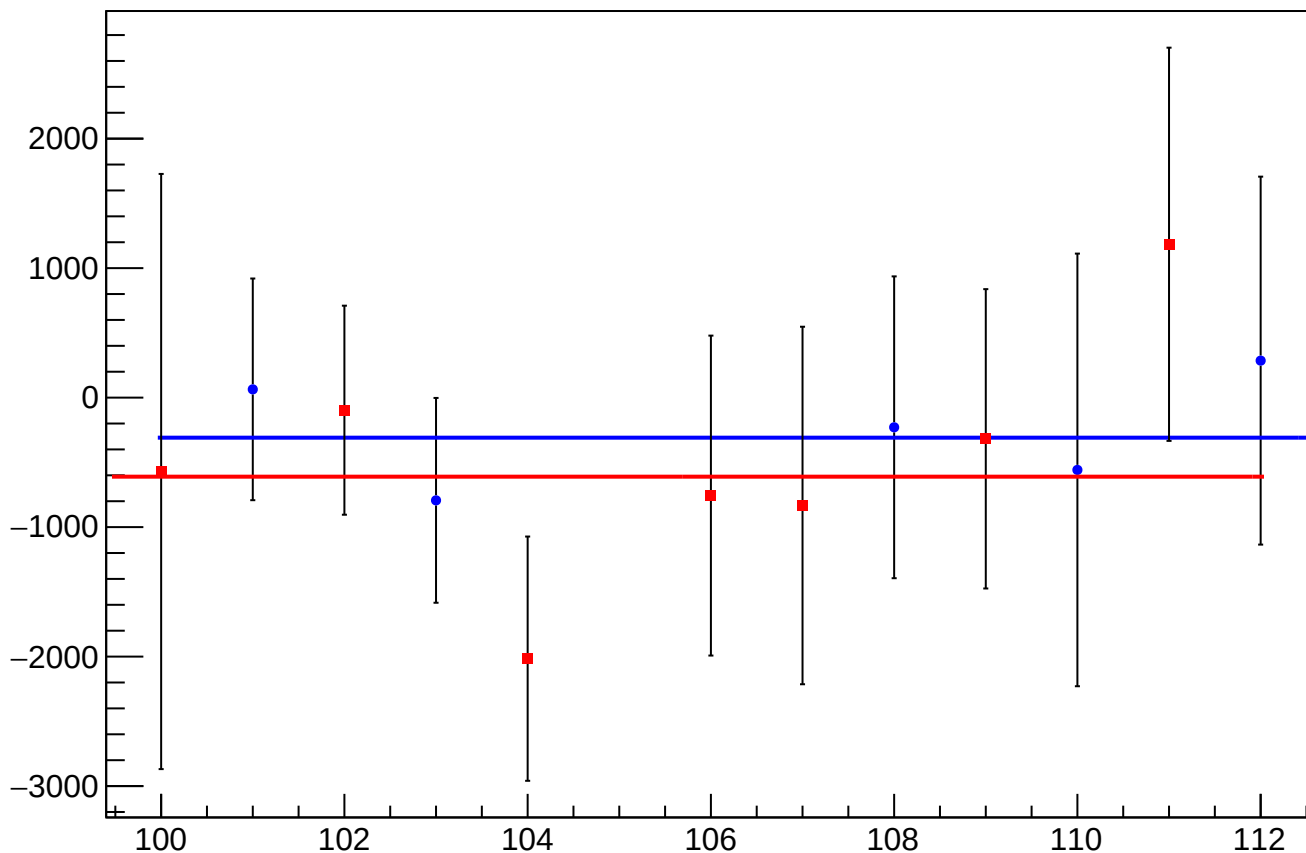
Right: 123.303+/-0.038 χ^2/NDF : 29758.4/11

In: 125.464+/-0.056 χ^2/NDF : 11266.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.303+/-0.038 χ^2/NDF : 29758.4/11

asym_sam1_reg_correction_mean vs Slug, Sign Corrected



Right In: -309.285+/-468.619 χ^2/NDF : 0.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -610.442+/-438.094 χ^2/NDF : 4.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

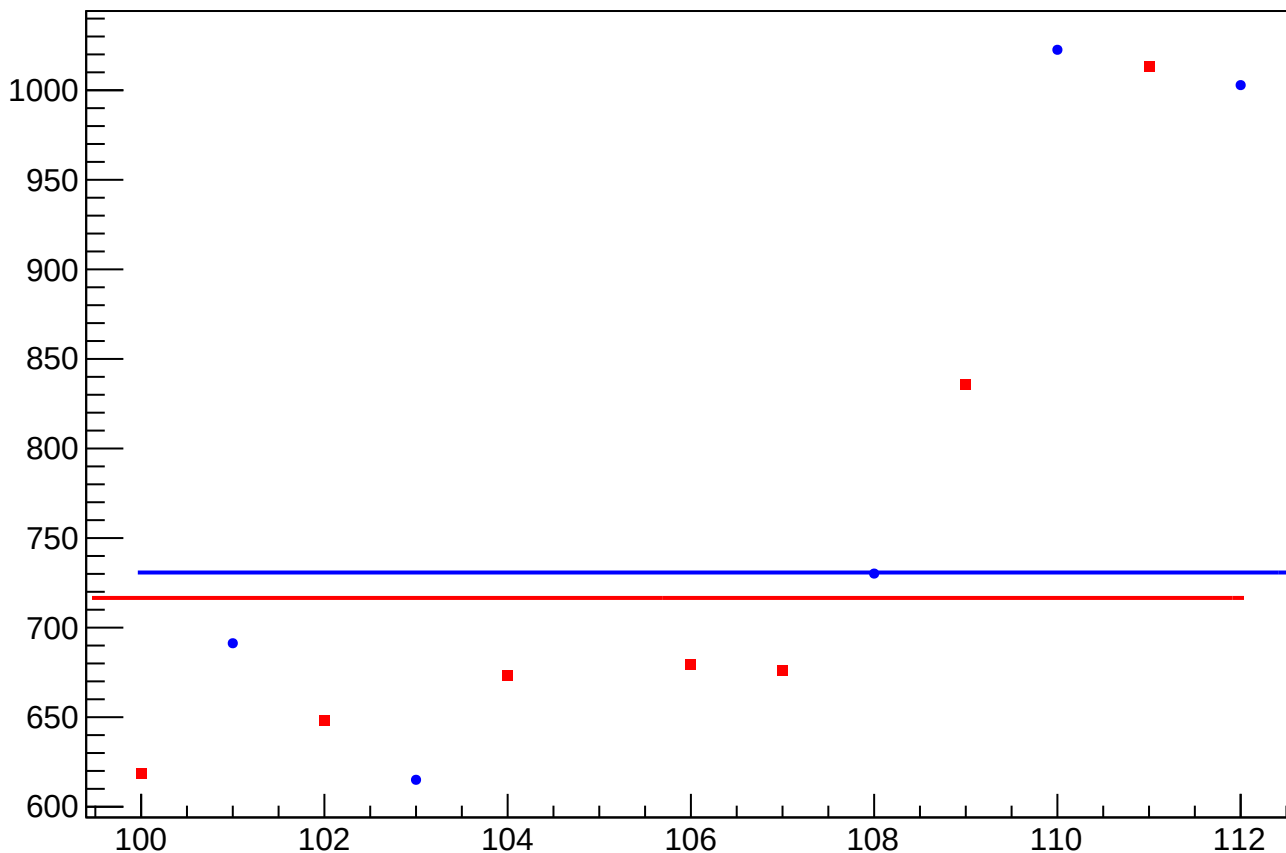
Right: -469.990+/-320.027 χ^2/NDF : 5.1/11

In: -309.285+/-468.619 χ^2/NDF : 0.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -469.990+/-320.027 χ^2/NDF : 5.1/11

asym_sam1_reg_correction_rms vs Slug, Sign Corrected



Right In: 730.770+/-0.331 χ^2/NDF : 181451.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 716.575+/-0.310 χ^2/NDF : 123398.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

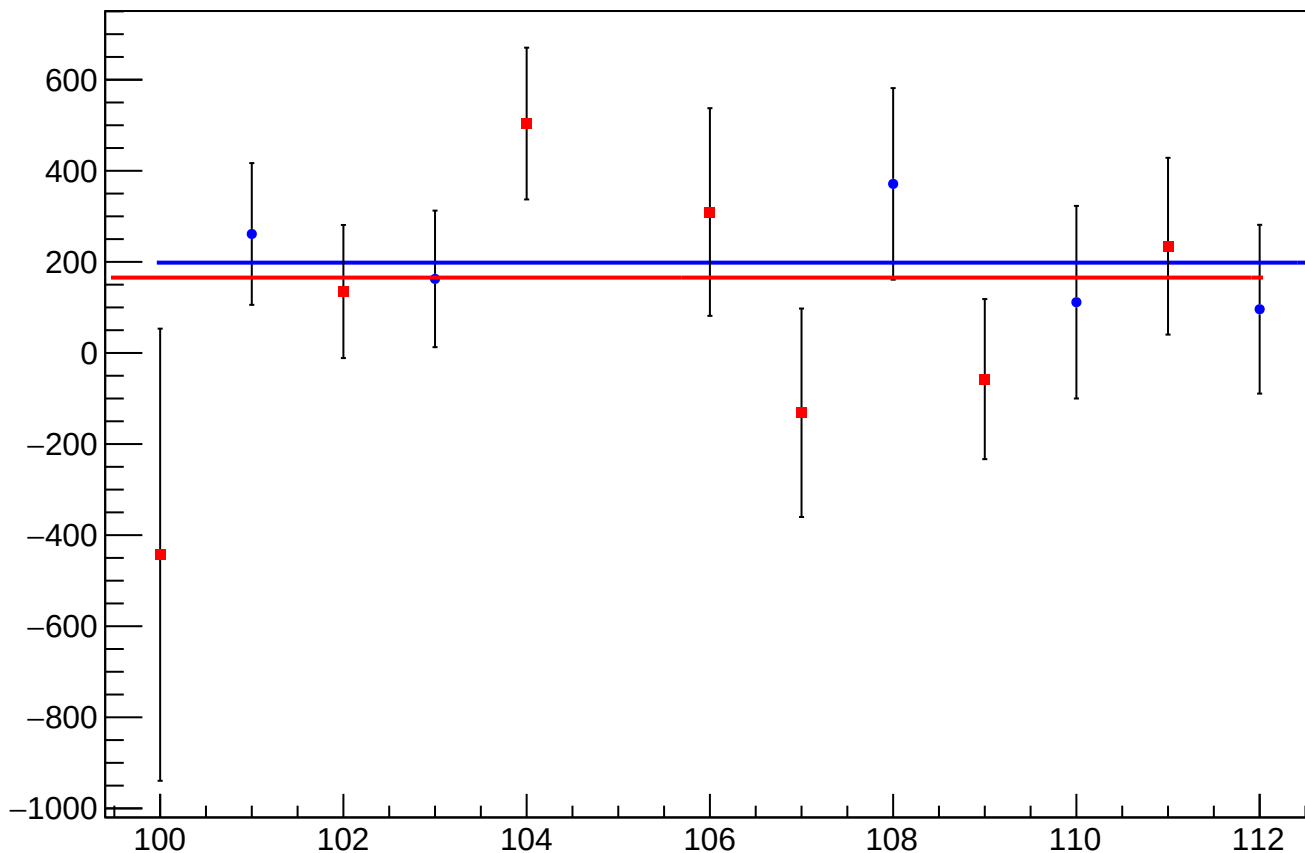
Right: 723.195+/-0.226 χ^2/NDF : 305829.0/11

In: 730.770+/-0.331 χ^2/NDF : 181451.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 723.195+/-0.226 χ^2/NDF : 305829.0/11

cor_asym_sam1_mean vs Slug, Sign Corrected



Right In: 198.340 $\pm$ 79.091 χ^2 /NDF: 1.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 165.507 $\pm$ 73.695 χ^2 /NDF: 9.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

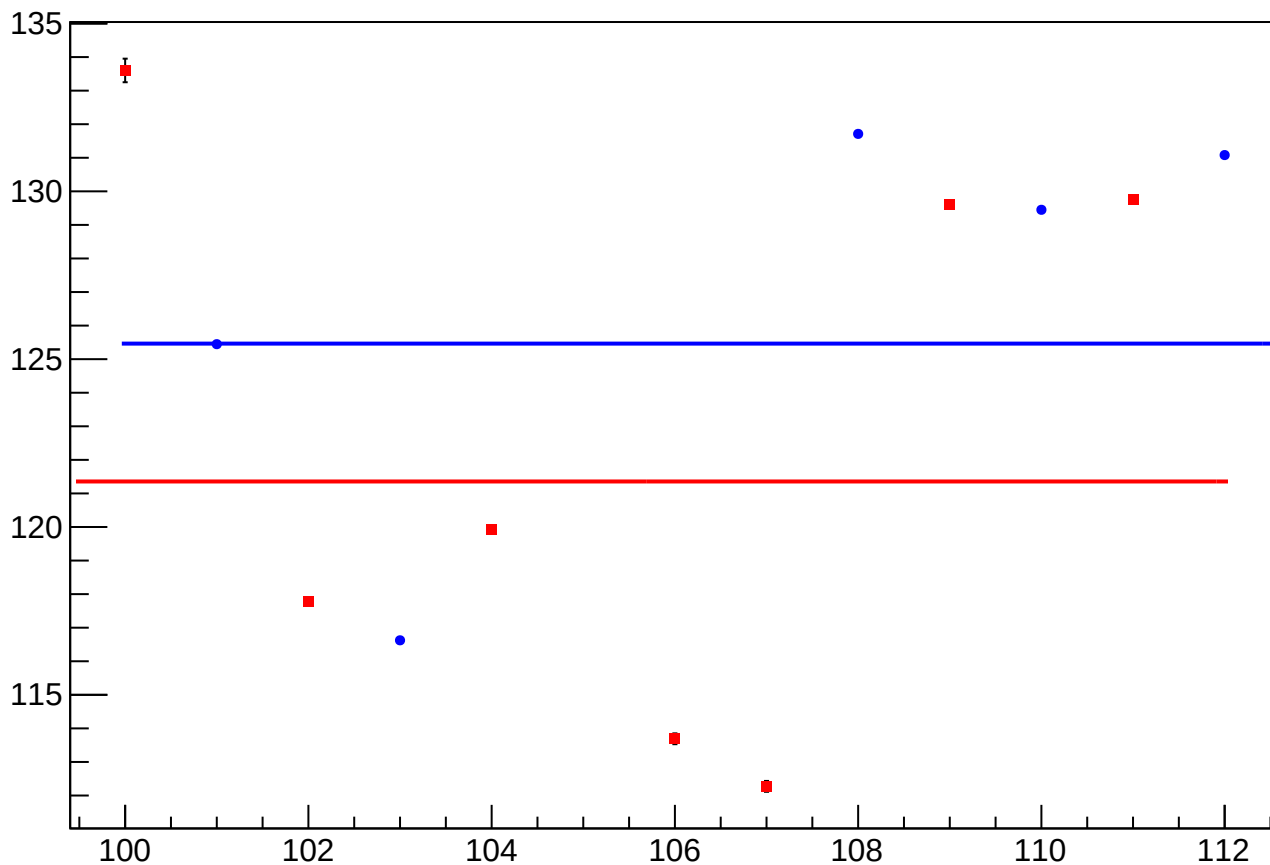
Right: 180.765 $\pm$ 53.917 χ^2 /NDF: 10.9/11

In: 198.340 $\pm$ 79.091 χ^2 /NDF: 1.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 180.765 $\pm$ 53.917 χ^2 /NDF: 10.9/11

cor_asym_sam1_rms vs Slug, Sign Corrected



Right In: 125.464+/-0.056 χ^2/NDF : 11266.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.356+/-0.052 χ^2/NDF : 16107.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

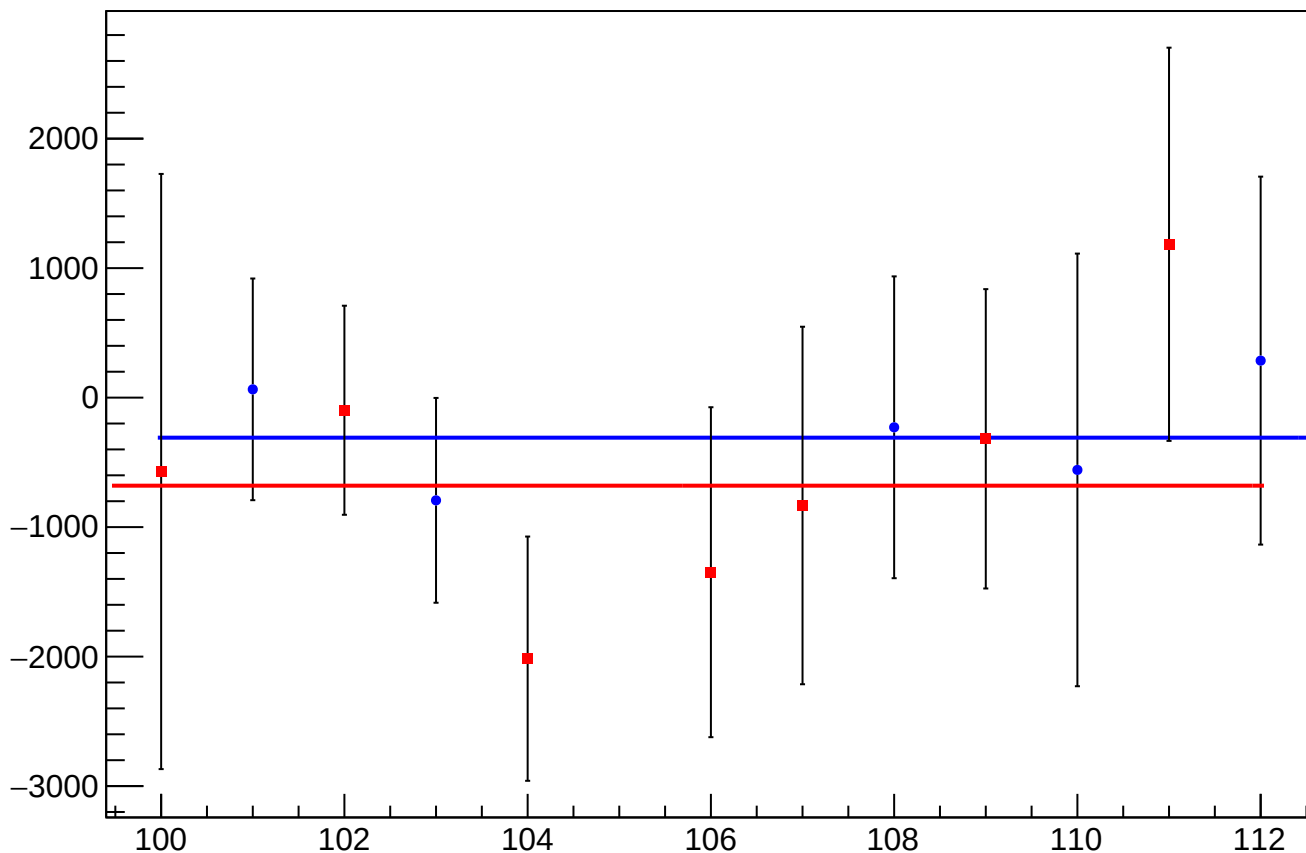
Right: 123.265+/-0.038 χ^2/NDF : 30260.6/11

In: 125.464+/-0.056 χ^2/NDF : 11266.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.265+/-0.038 χ^2/NDF : 30260.6/11

asym_sam1_cor_correction_mean vs Slug, Sign Corrected



Right In: -309.262+/-468.618 χ^2/NDF : 0.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -680.004+/-439.760 χ^2/NDF : 4.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

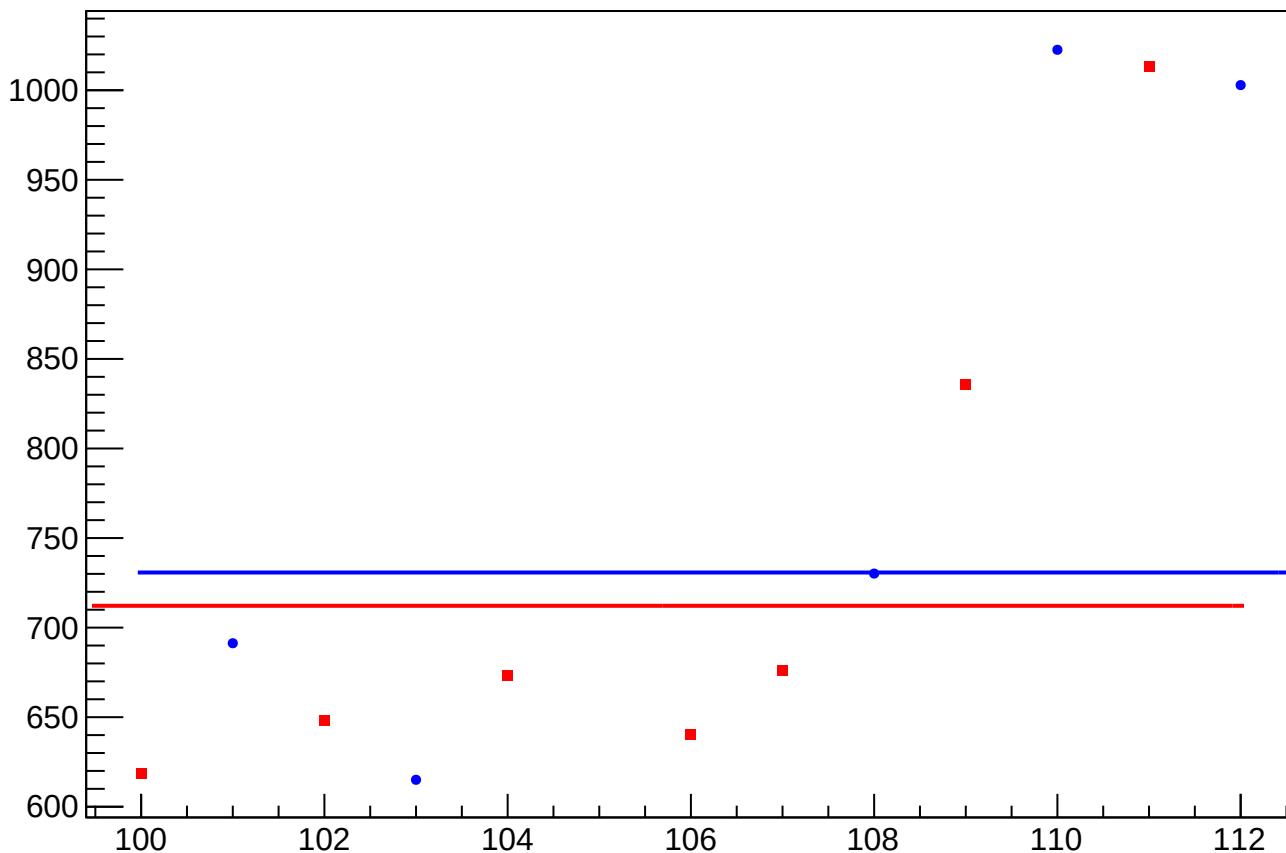
Right: -506.399+/-320.674 χ^2/NDF : 5.5/11

In: -309.262+/-468.618 χ^2/NDF : 0.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -506.399+/-320.674 χ^2/NDF : 5.5/11

asym_sam1_cor_correction_rms vs Slug, Sign Corrected



Right In: 730.768+/-0.331 χ^2/NDF : 181456.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 712.184+/-0.311 χ^2/NDF : 128562.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

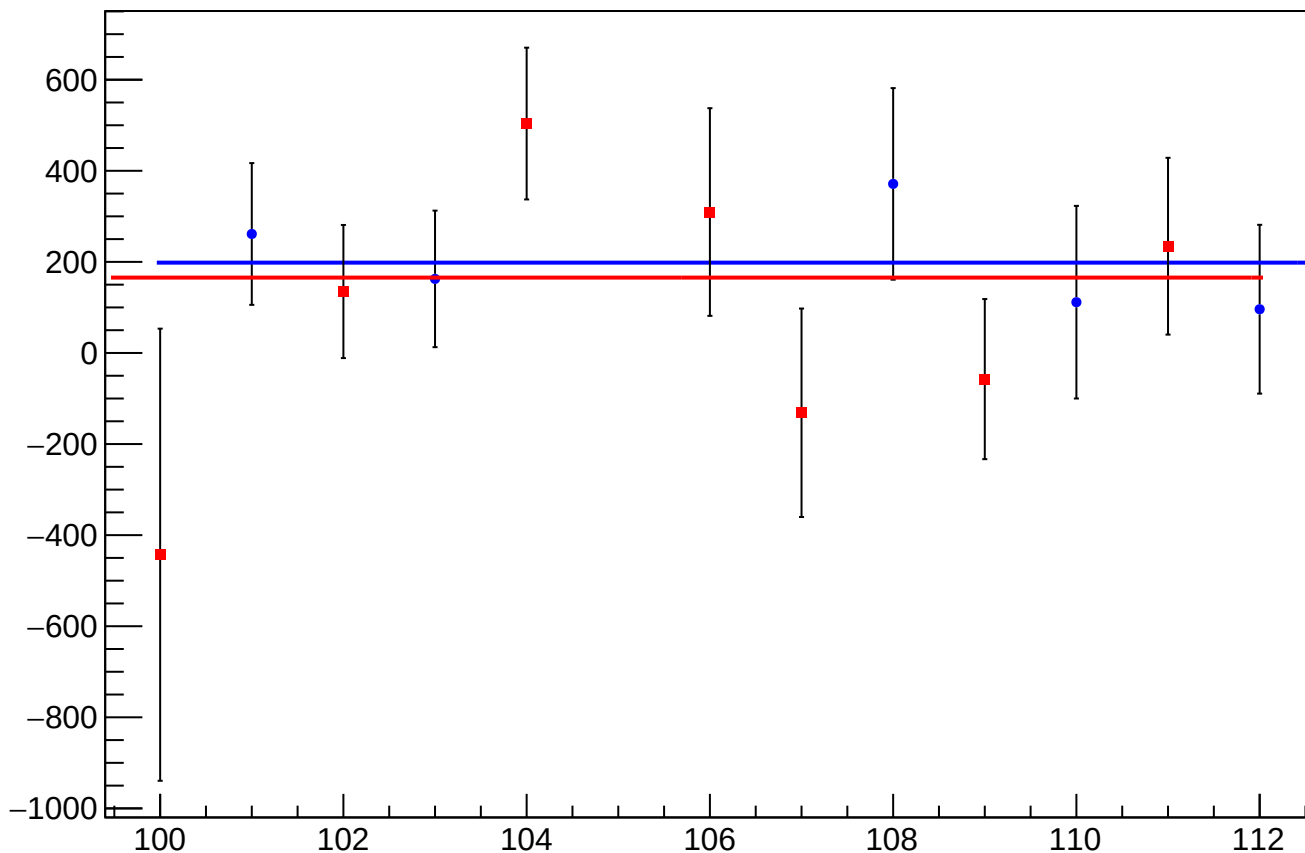
Right: 720.886+/-0.227 χ^2/NDF : 311691.5/11

In: 730.768+/-0.331 χ^2/NDF : 181456.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 720.886+/-0.227 χ^2/NDF : 311691.5/11

eigen_cor_asym_sam1_mean vs Slug, Sign Corrected



Right In: 198.340 $\pm$ 79.091 χ^2 /NDF: 1.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 165.507 $\pm$ 73.695 χ^2 /NDF: 9.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

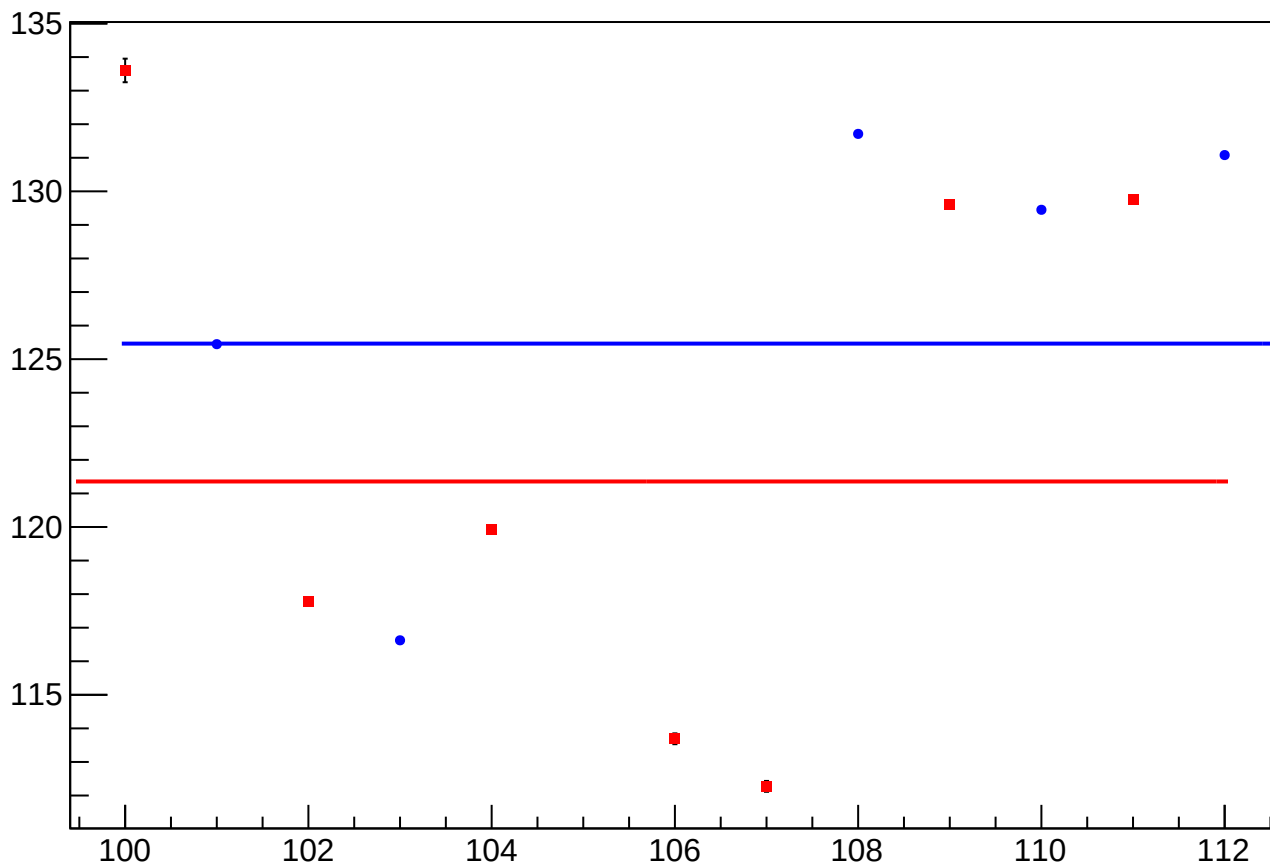
Right: 180.765 $\pm$ 53.917 χ^2 /NDF: 10.9/11

In: 198.340 $\pm$ 79.091 χ^2 /NDF:1.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 180.765 $\pm$ 53.917 χ^2 /NDF: 10.9/11

eigen_cor_asym_sam1_rms vs Slug, Sign Corrected



Right In: 125.464+/-0.056 χ^2/NDF : 11266.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.356+/-0.052 χ^2/NDF : 16107.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

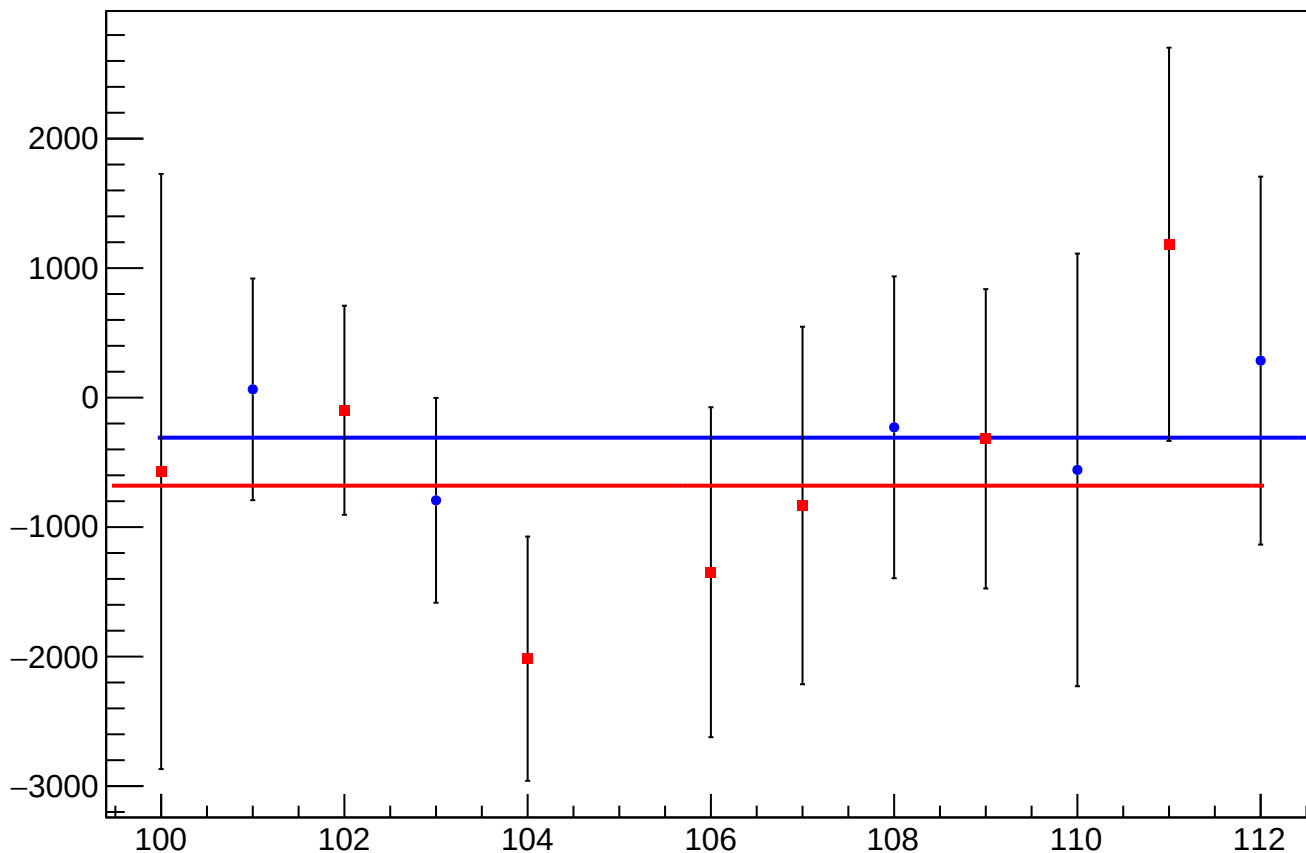
Right: 123.265+/-0.038 χ^2/NDF : 30260.6/11

In: 125.464+/-0.056 χ^2/NDF : 11266.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.265+/-0.038 χ^2/NDF : 30260.6/11

asym_sam1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -309.262+/-468.618 χ^2/NDF : 0.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -680.004+/-439.760 χ^2/NDF : 4.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

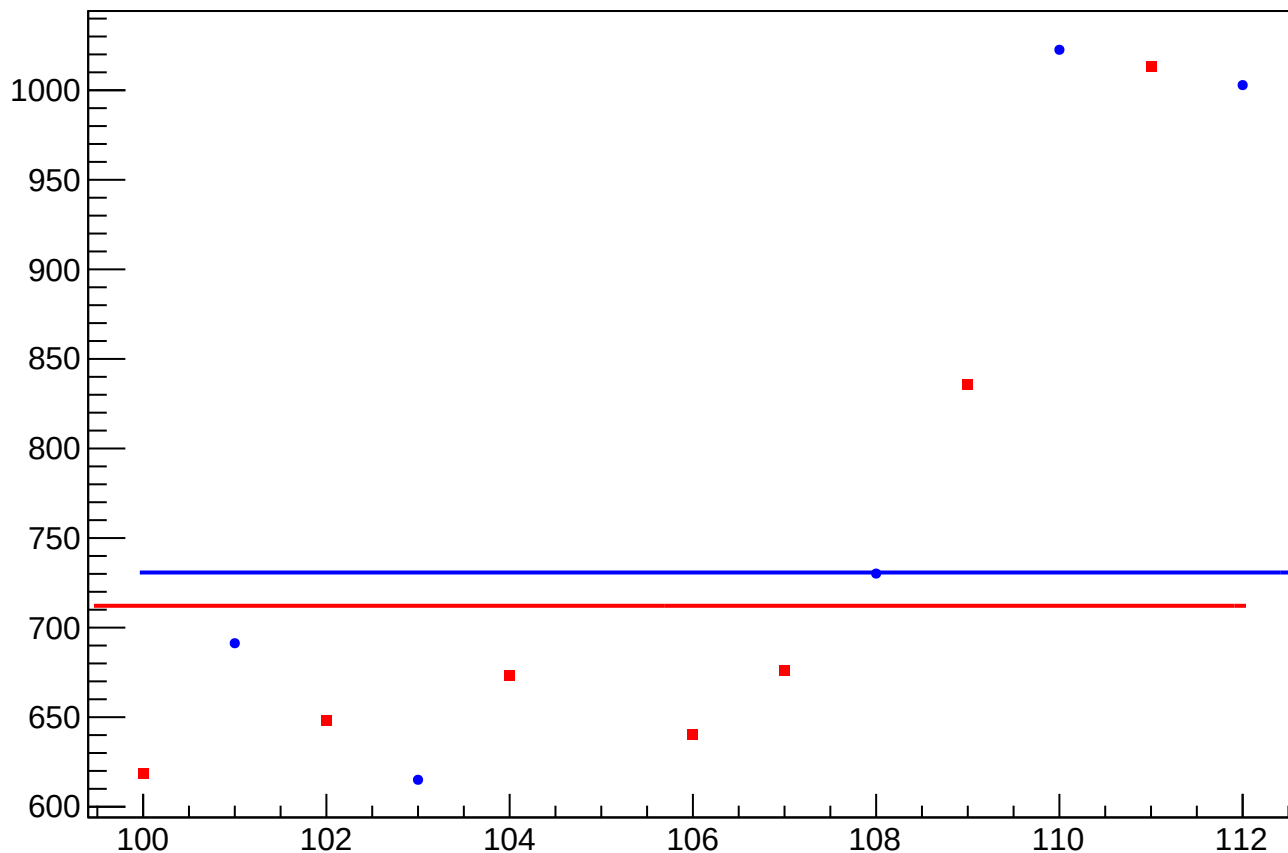
Right: -506.399+/-320.674 χ^2/NDF : 5.5/11

In: -309.262+/-468.618 χ^2/NDF : 0.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -506.399+/-320.674 χ^2/NDF : 5.5/11

asym_sam1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 730.768+/-0.331 χ^2/NDF : 181456.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 712.184+/-0.311 χ^2/NDF : 128562.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

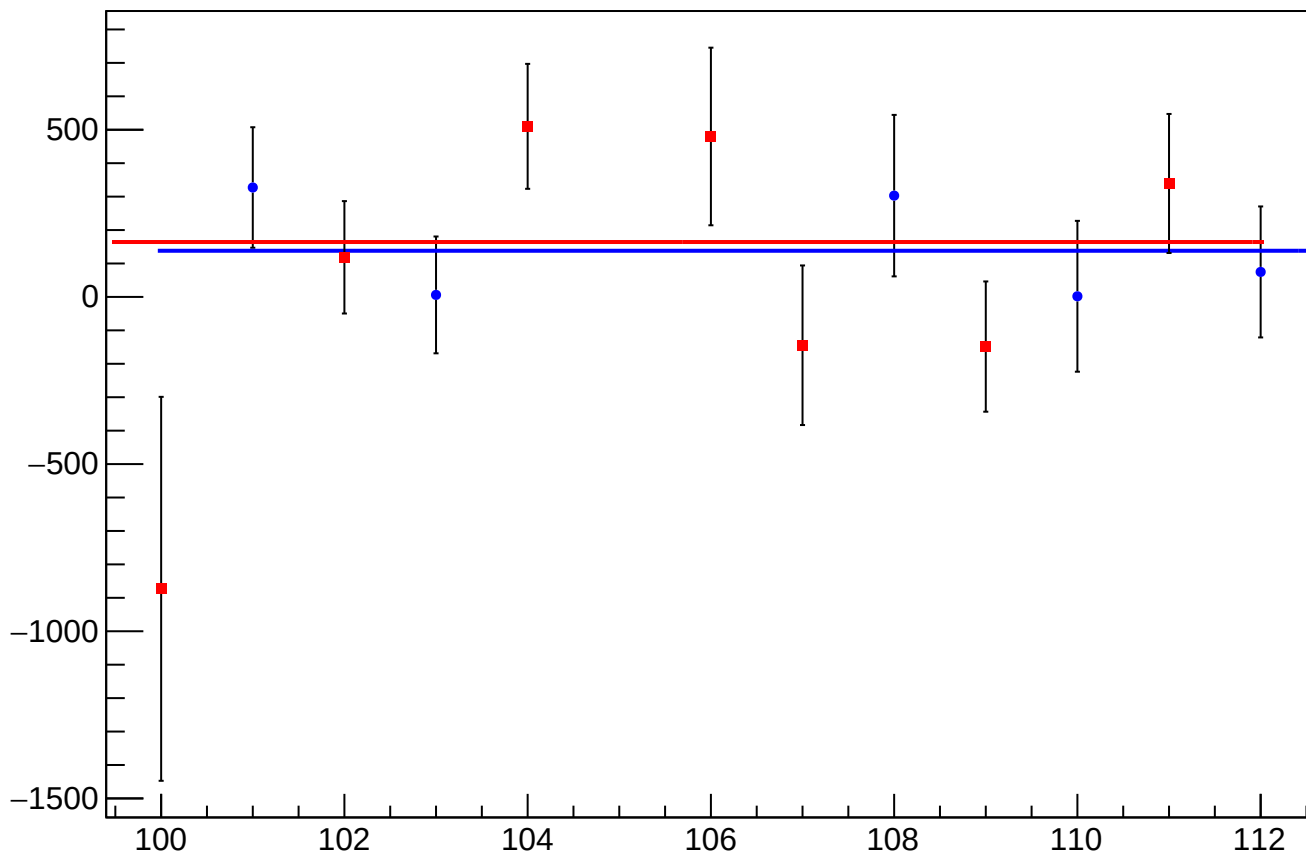
Right: 720.886+/-0.227 χ^2/NDF : 311691.5/11

In: 730.768+/-0.331 χ^2/NDF : 181456.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 720.886+/-0.227 χ^2/NDF : 311691.5/11

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 138.061 $\pm$ 88.944 χ^2 /NDF: 2.6/4

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 164.244 $\pm$ 82.124 χ^2 /NDF: 13.1/6

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

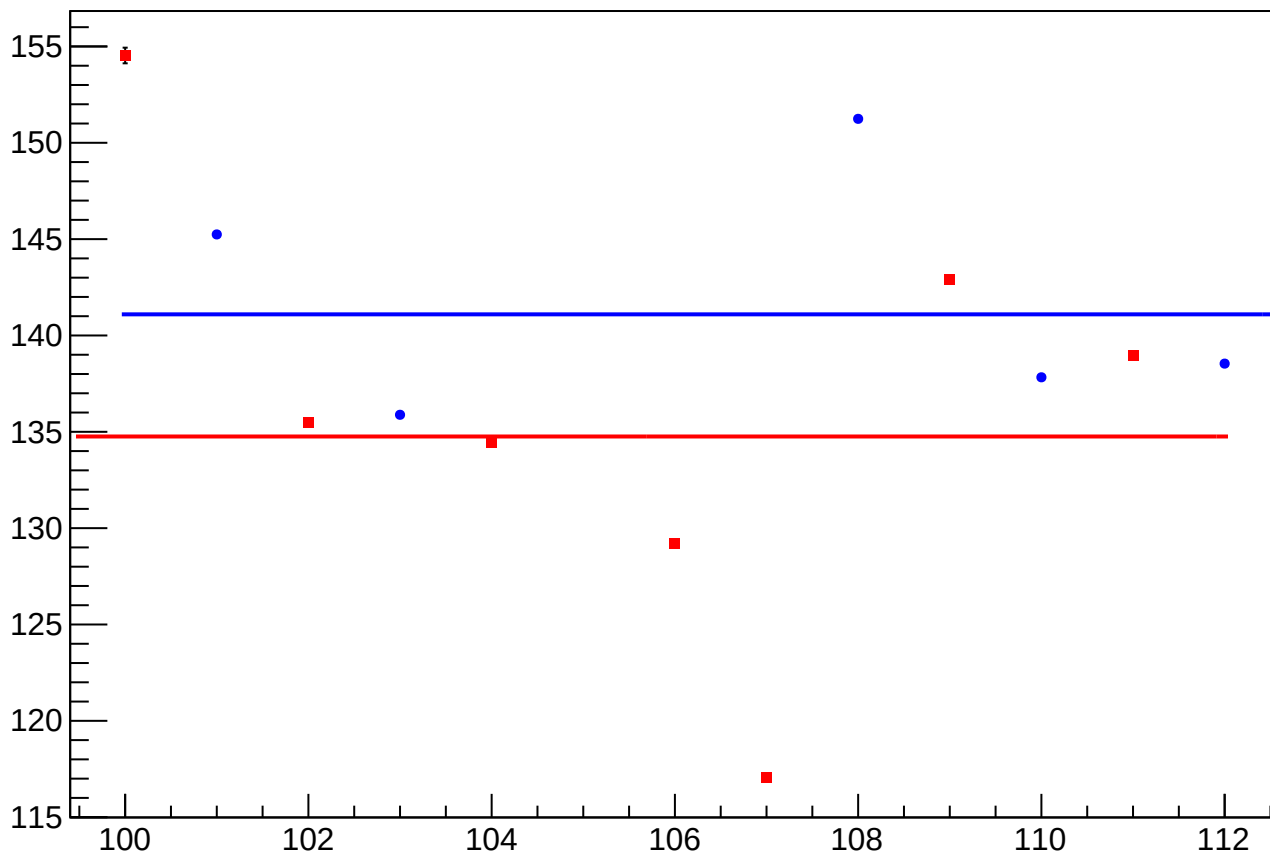
Right: 152.195 $\pm$ 60.338 χ^2 /NDF: 15.8/11

In: 138.061 $\pm$ 88.944 χ^2 /NDF:2.6/4

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 152.195 $\pm$ 60.338 χ^2 /NDF: 15.8/11

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 141.097 $\pm$ 0.063 χ^2/NDF : 7130.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 134.757 $\pm$ 0.058 χ^2/NDF : 18586.1/6

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

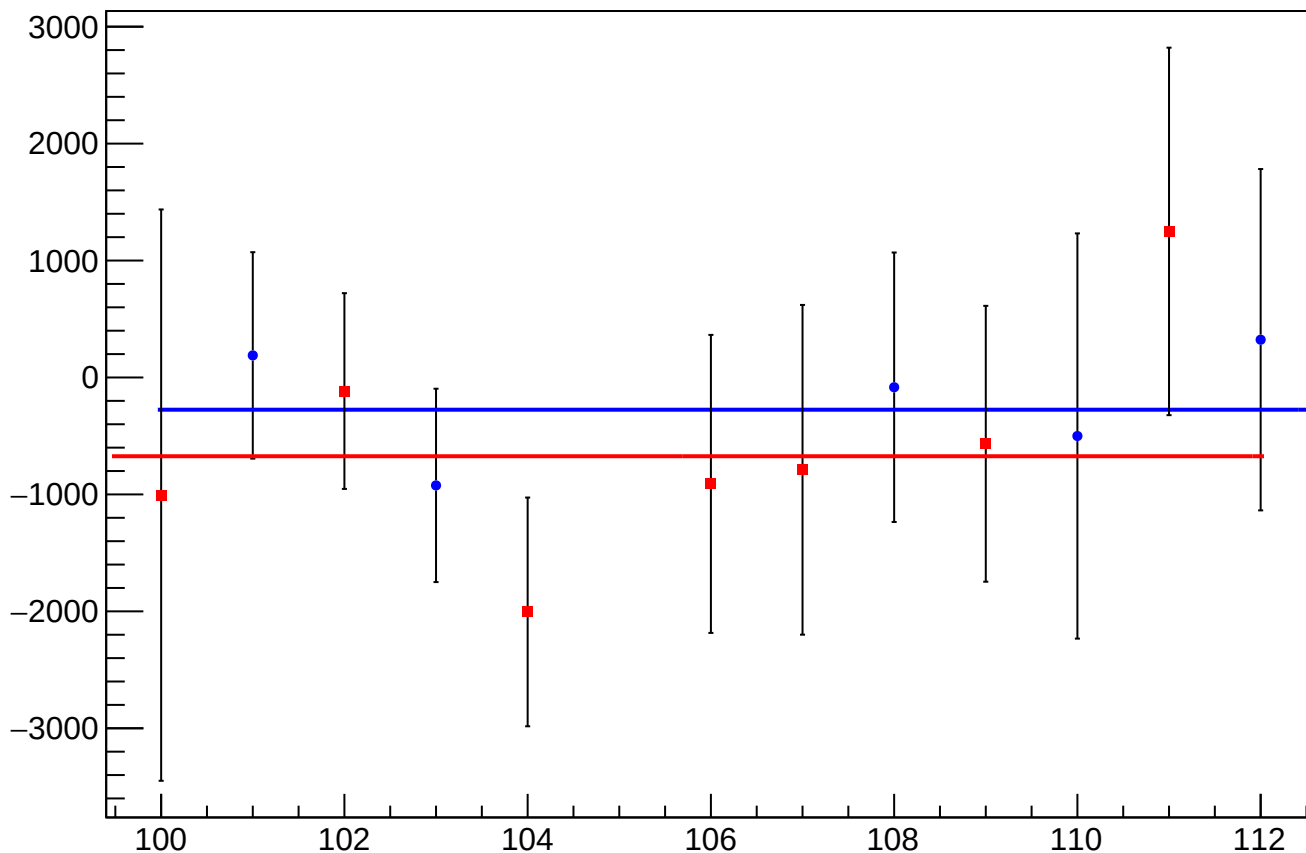
Right: 137.675 $\pm$ 0.043 χ^2/NDF : 31201.3/11

In: 141.097 $\pm$ 0.063 χ^2/NDF : 7130.7/4

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 137.675 $\pm$ 0.043 χ^2/NDF : 31201.3/11

asym_sam1_dit_correction_mean vs Slug, Sign Corrected



Right In: -275.618+/-482.118 χ^2/NDF : 1.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -673.541+/-452.553 χ^2/NDF : 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

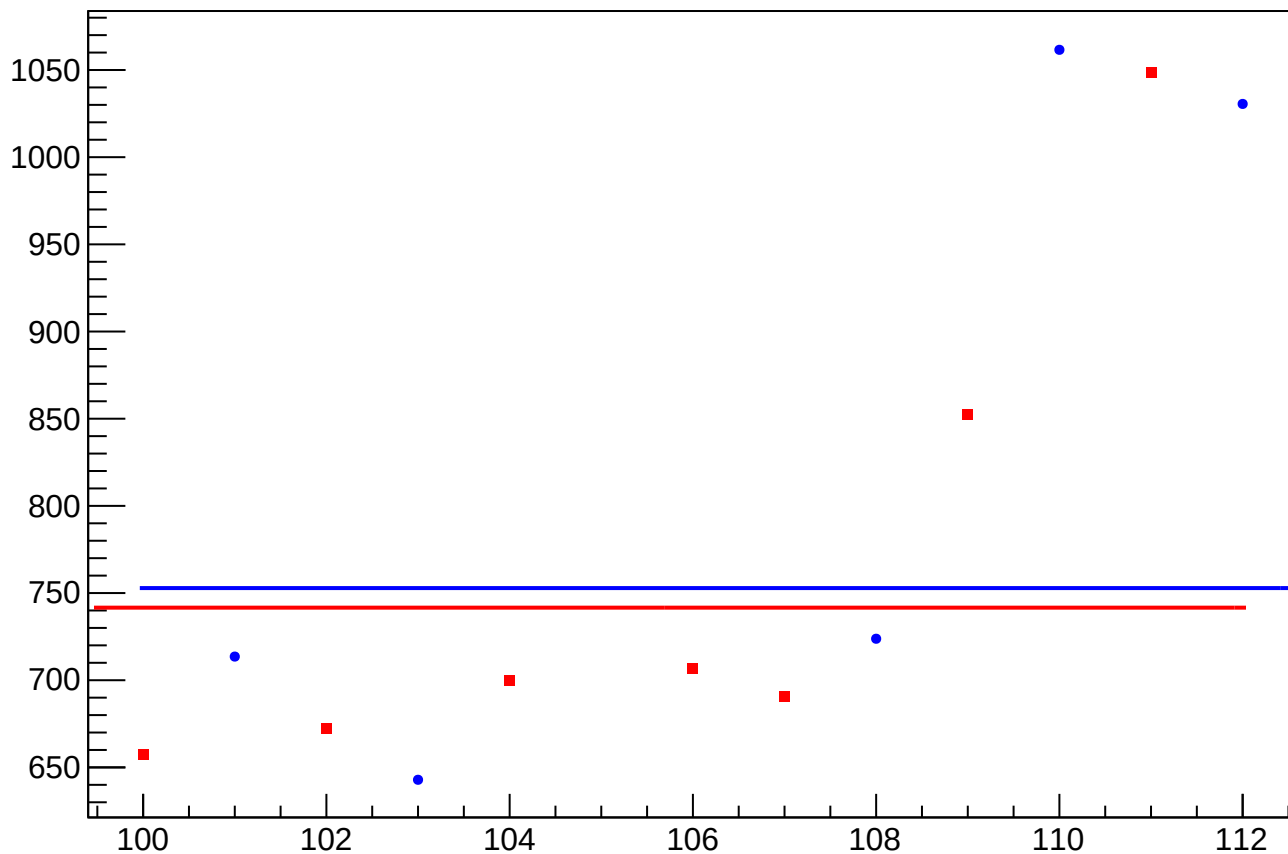
Right: -487.154+/-329.960 χ^2/NDF : 5.3/11

In: -275.618+/-482.118 χ^2/NDF : 1.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -487.154+/-329.960 χ^2/NDF : 5.3/11

asym_sam1_dit_correction_rms vs Slug, Sign Corrected



Right In: 752.854+/-0.341 χ^2/NDF : 176496.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 741.626+/-0.320 χ^2/NDF : 117810.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

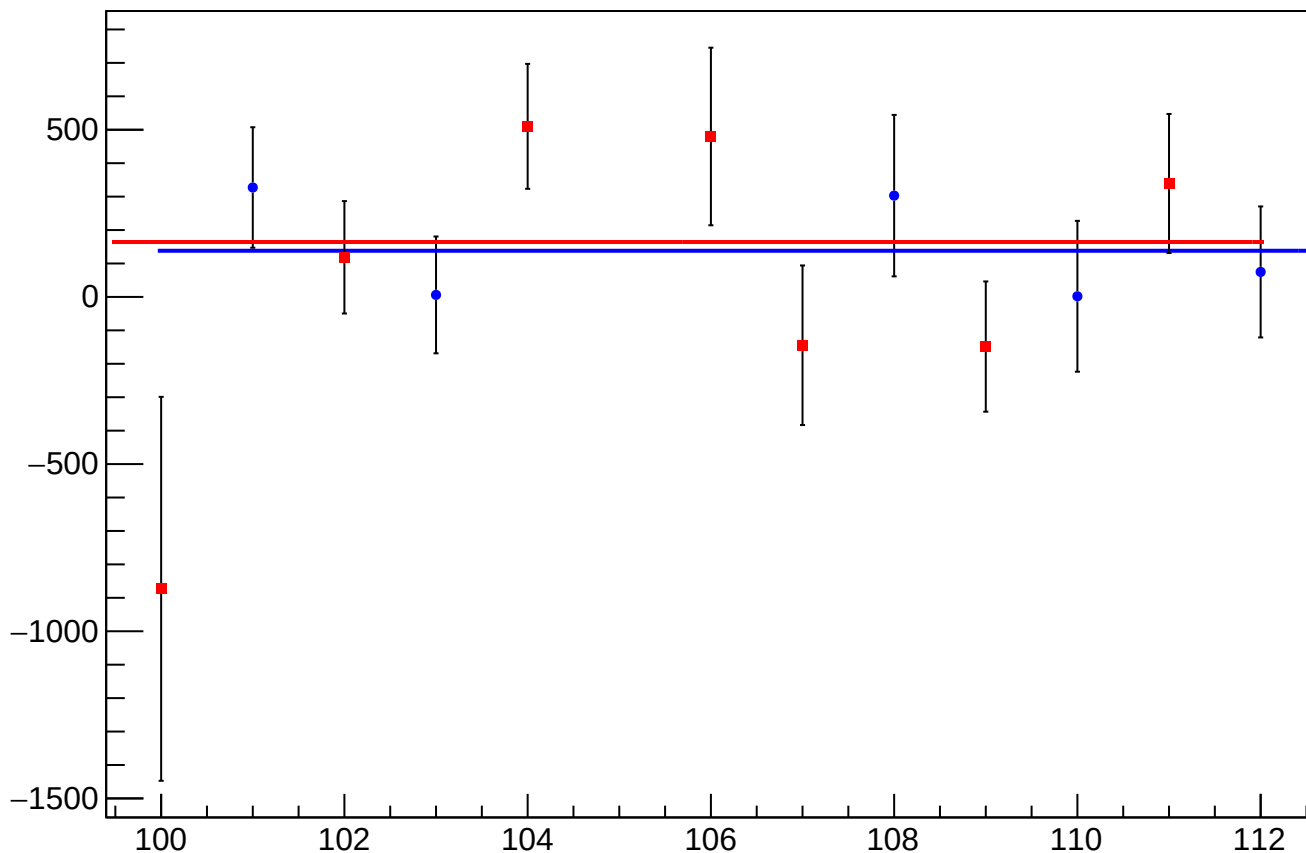
Right: 746.885+/-0.233 χ^2/NDF : 294883.4/11

In: 752.854+/-0.341 χ^2/NDF : 176496.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 746.885+/-0.233 χ^2/NDF : 294883.4/11

eigen_dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 138.061 $\pm$ 88.944 χ^2 /NDF: 2.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 164.244 $\pm$ 82.124 χ^2 /NDF: 13.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

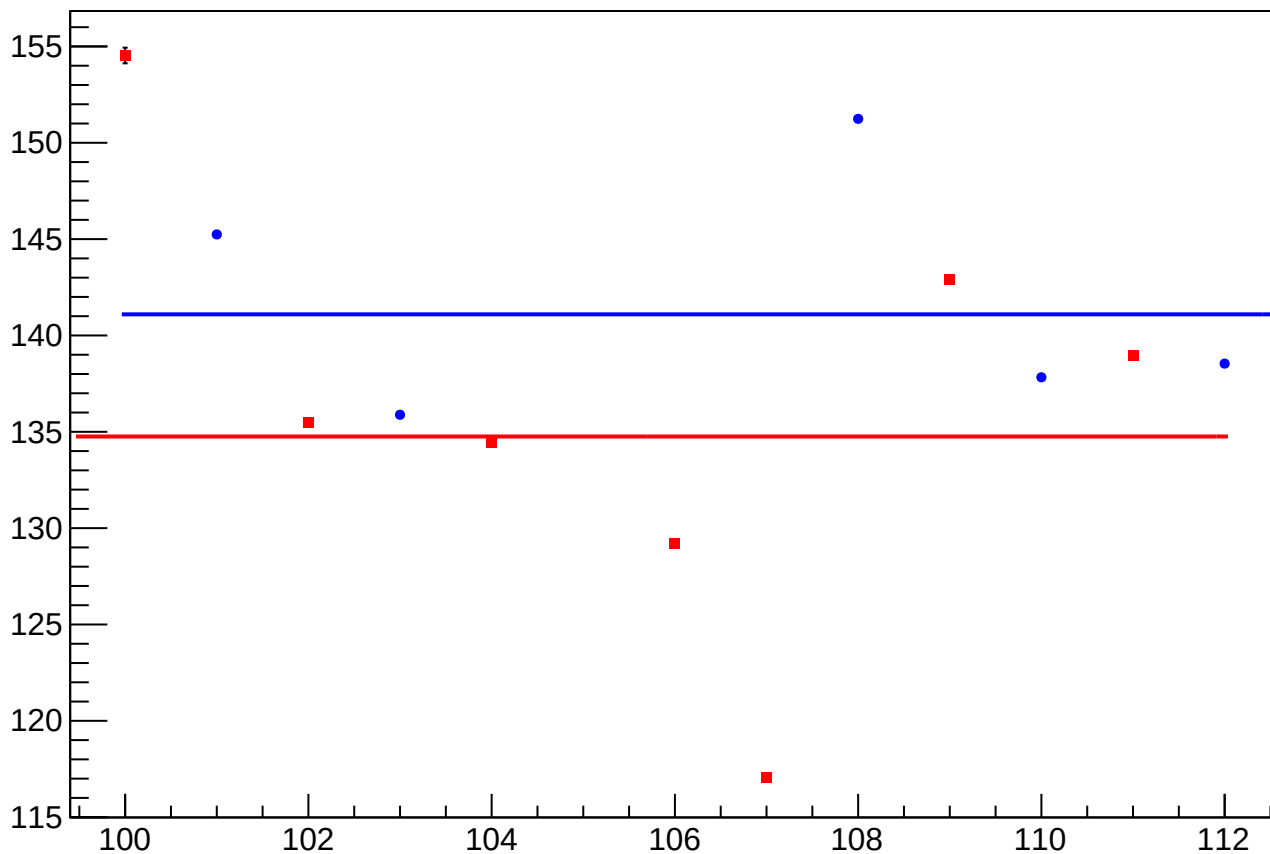
Right: 152.195 $\pm$ 60.337 χ^2 /NDF: 15.8/11

In: 138.061 $\pm$ 88.944 χ^2 /NDF: 2.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 152.195 $\pm$ 60.337 χ^2 /NDF: 15.8/11

eigen_dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 141.096 $\pm$ 0.063 χ^2 /NDF: 7130.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 134.757 $\pm$ 0.058 χ^2 /NDF: 18585.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

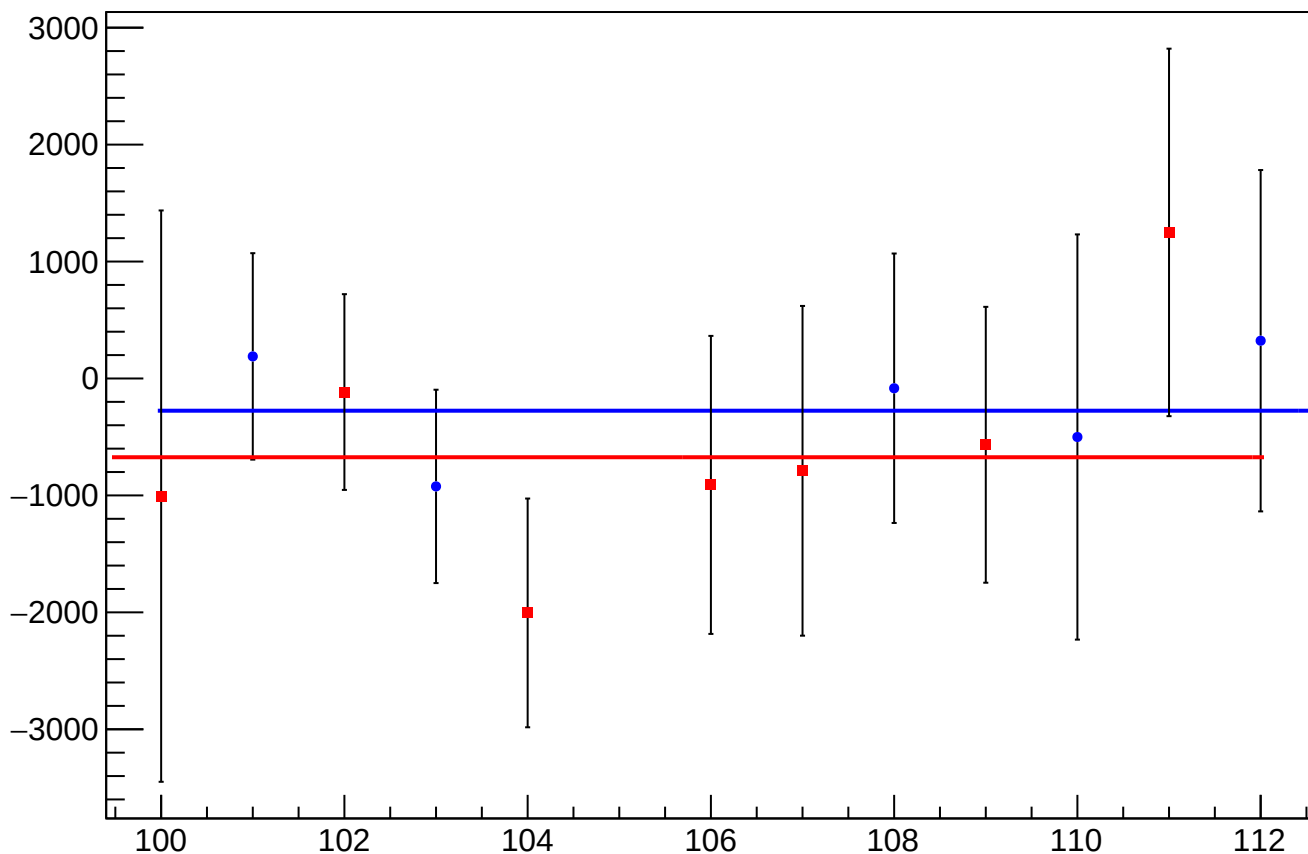
Right: 137.674 $\pm$ 0.043 χ^2 /NDF: 31201.0/11

In: 141.096 $\pm$ 0.063 χ^2 /NDF:7130.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 137.674 $\pm$ 0.043 χ^2 /NDF: 31201.0/11

asym_sam1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -275.618+/-482.117 χ^2/NDF : 1.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -673.540+/-452.552 χ^2/NDF : 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

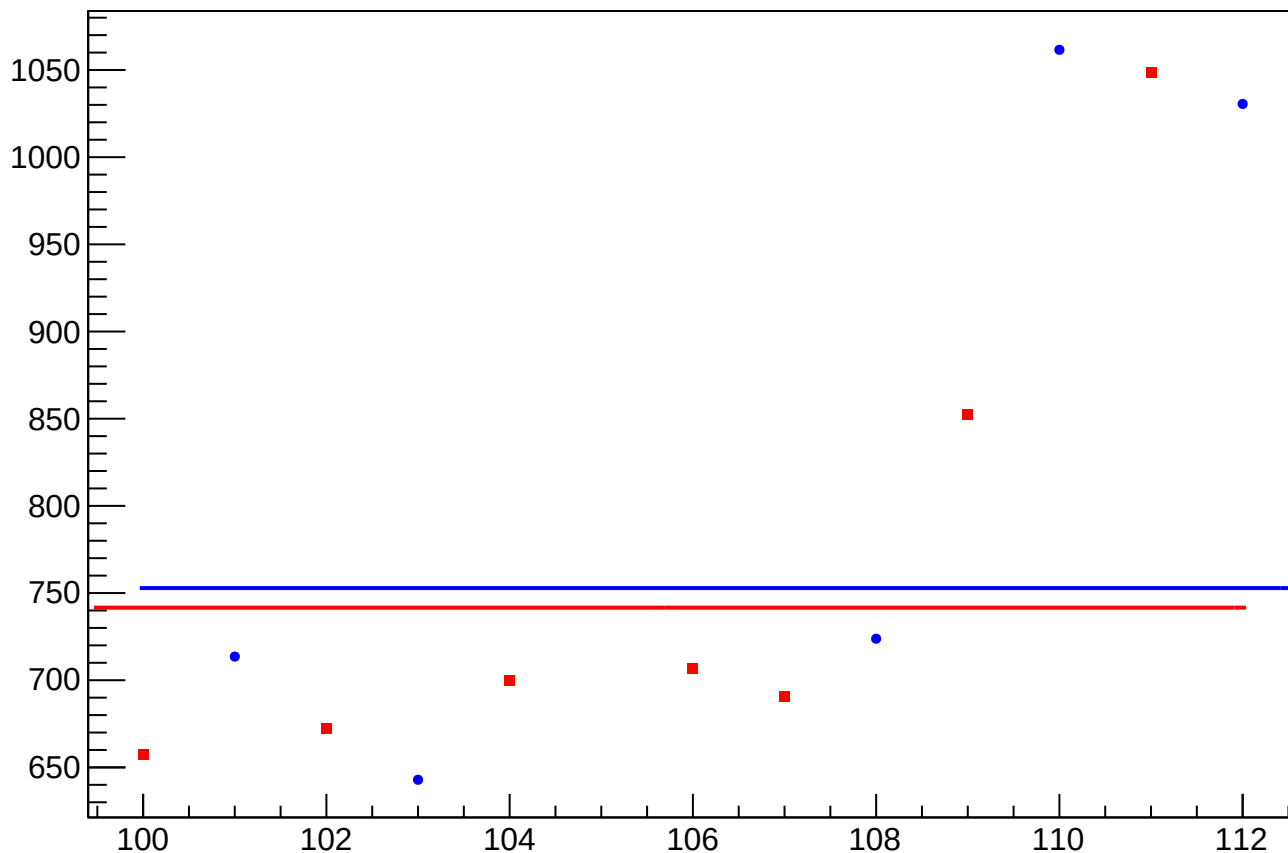
Right: -487.153+/-329.960 χ^2/NDF : 5.3/11

In: -275.618+/-482.117 χ^2/NDF : 1.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -487.153+/-329.960 χ^2/NDF : 5.3/11

asym_sam1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 752.853+/-0.341 χ^2/NDF : 176496.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 741.626+/-0.320 χ^2/NDF : 117809.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

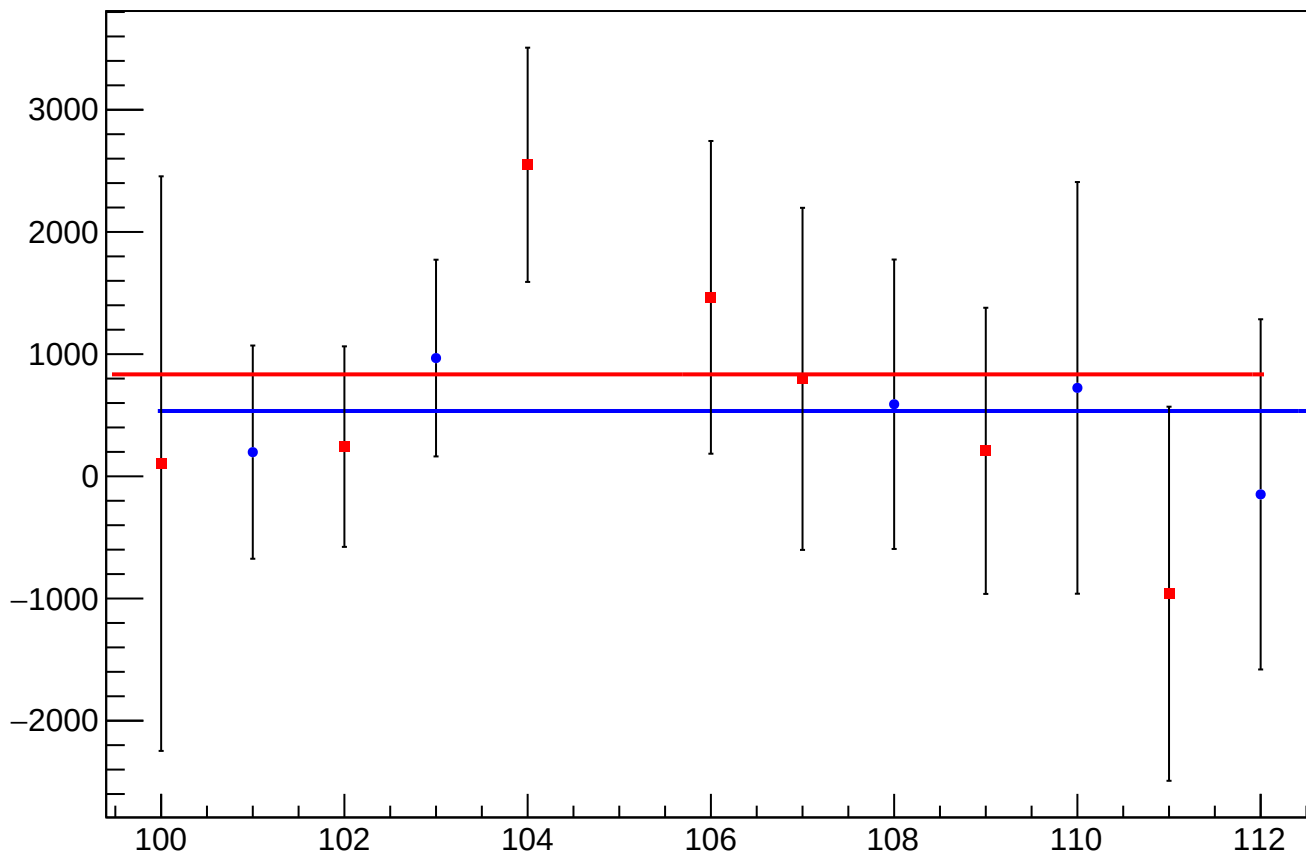
Right: 746.885+/-0.233 χ^2/NDF : 294883.0/11

In: 752.853+/-0.341 χ^2/NDF : 176496.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 746.885+/-0.233 χ^2/NDF : 294883.0/11

asym_sam1_mean vs Slug, Sign Corrected



Right In: 534.757+/-476.254 χ^2/NDF : 0.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 834.504+/-445.825 χ^2/NDF : 5.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

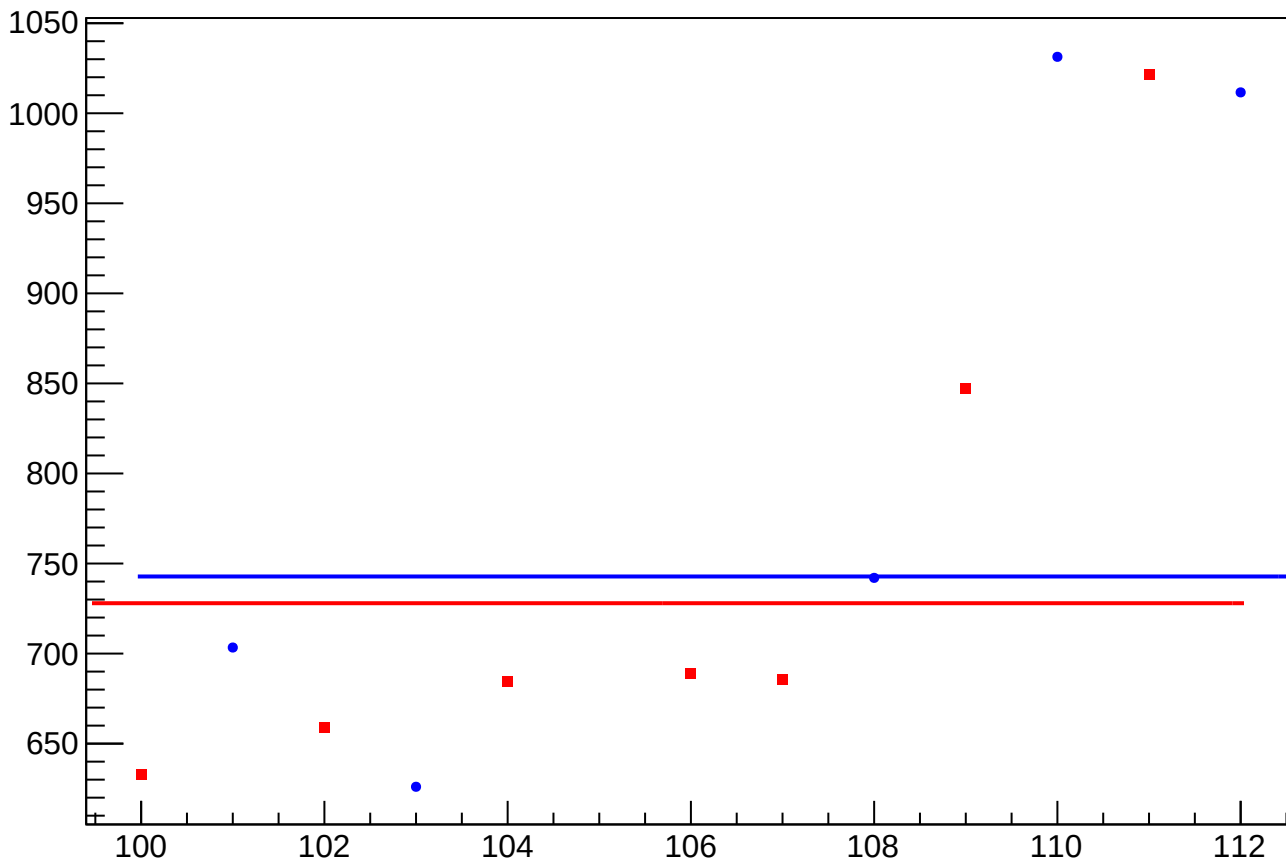
Right: 694.512+/-325.472 χ^2/NDF : 6.6/11

In: 534.757+/-476.254 χ^2/NDF : 0.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 694.512+/-325.472 χ^2/NDF : 6.6/11

asym_sam1_rms vs Slug, Sign Corrected



Right In: 742.806+/-0.337 χ^2/NDF : 175192.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 727.965+/-0.315 χ^2/NDF : 119611.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

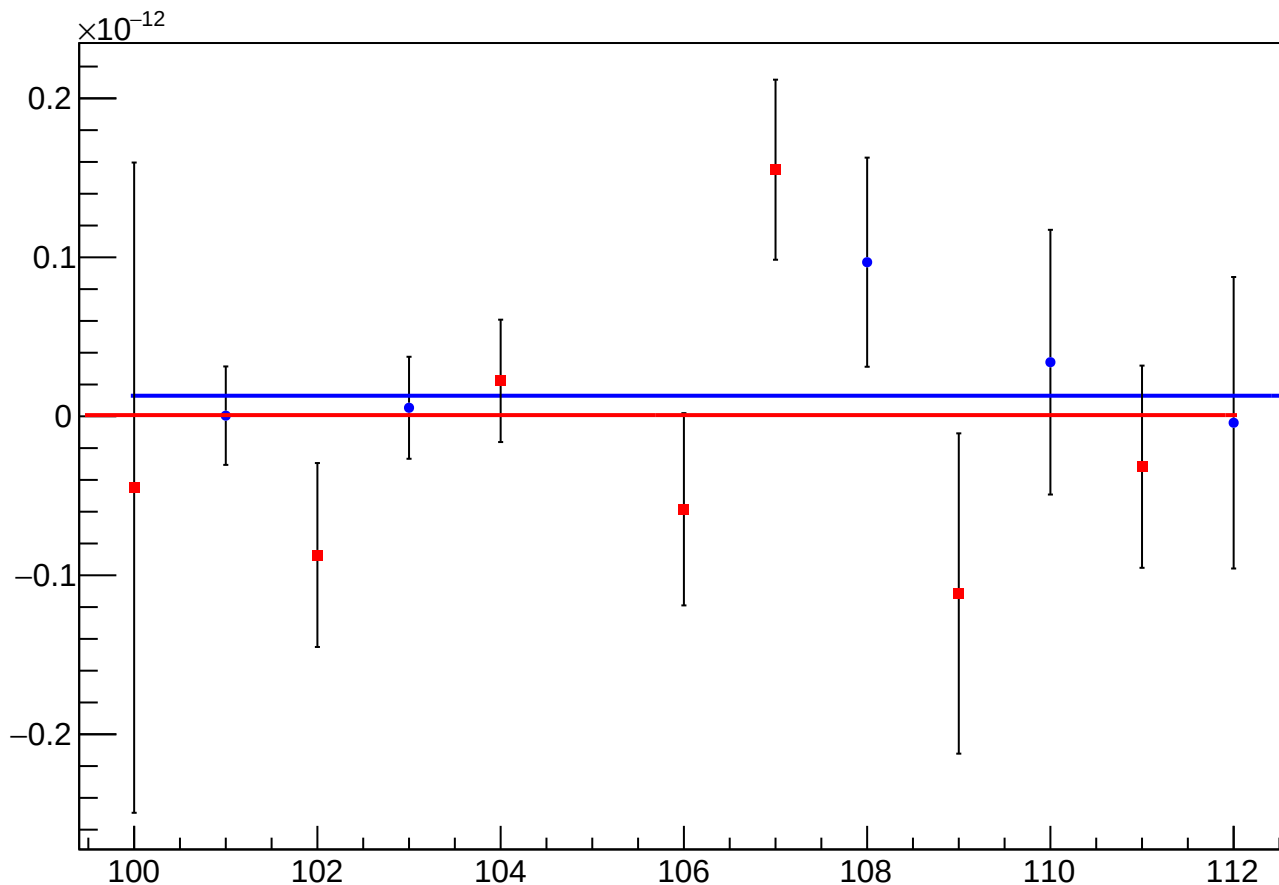
Right: 734.896+/-0.230 χ^2/NDF : 295838.4/11

In: 742.806+/-0.337 χ^2/NDF : 175192.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 734.896+/-0.230 χ^2/NDF : 295838.4/11

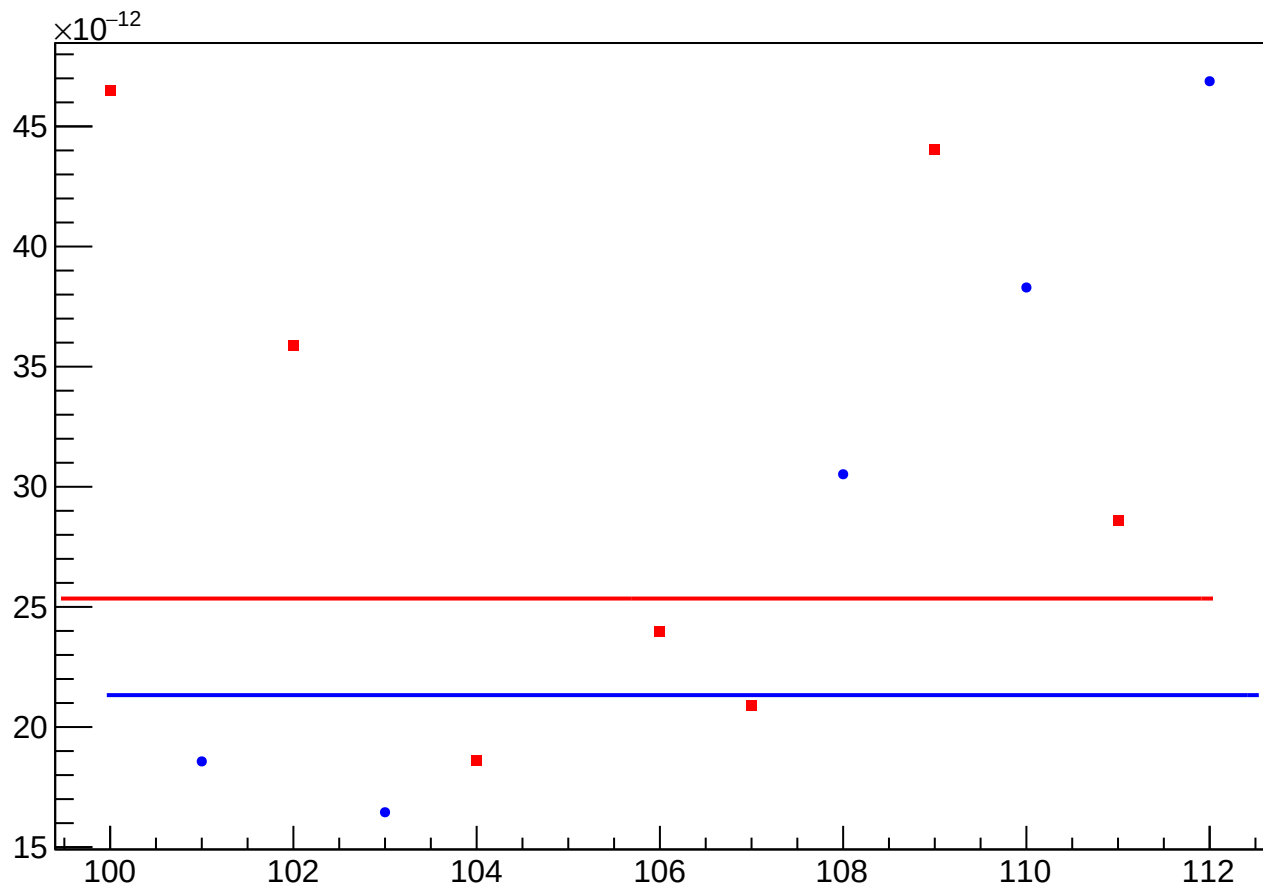
asym_sam1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.9/4
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 12.6/6
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 14.7/11
 In: 0.000+/-0.000 χ^2/NDF : 1.9/4
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 14.7/11

asym_sam1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 339583.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 236569.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

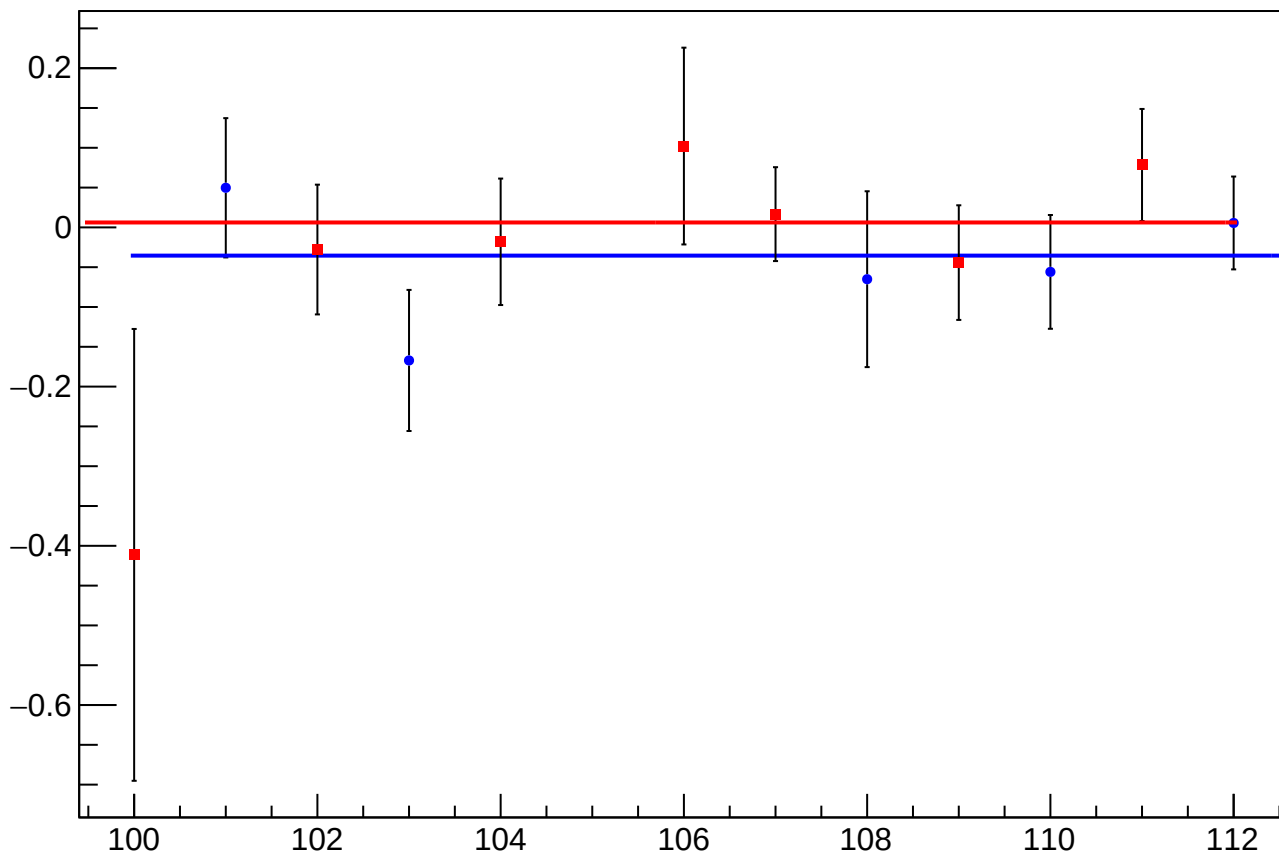
Right: 0.000+/-0.000 χ^2/NDF : 611406.2/11

In: 0.000+/-0.000 χ^2/NDF : 339583.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 611406.2/11

asym_sam1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.035+/-0.035 χ^2/NDF : 3.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.031 χ^2/NDF : 4.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

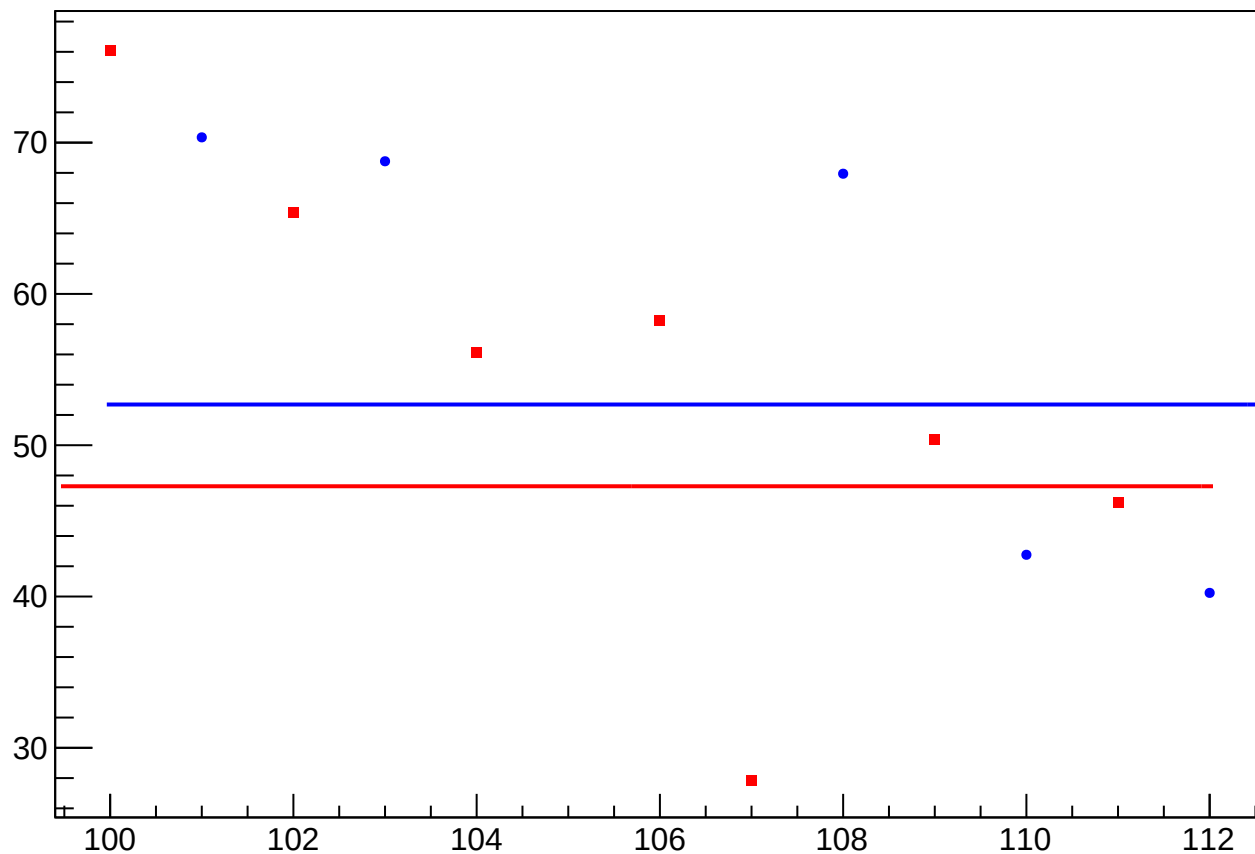
Right: -0.012+/-0.023 χ^2/NDF : 9.2/11

In: -0.035+/-0.035 χ^2/NDF : 3.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.012+/-0.023 χ^2/NDF : 9.2/11

asym_sam1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.691+/-0.025 χ^2/NDF : 315218.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.287+/-0.022 χ^2/NDF : 380747.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

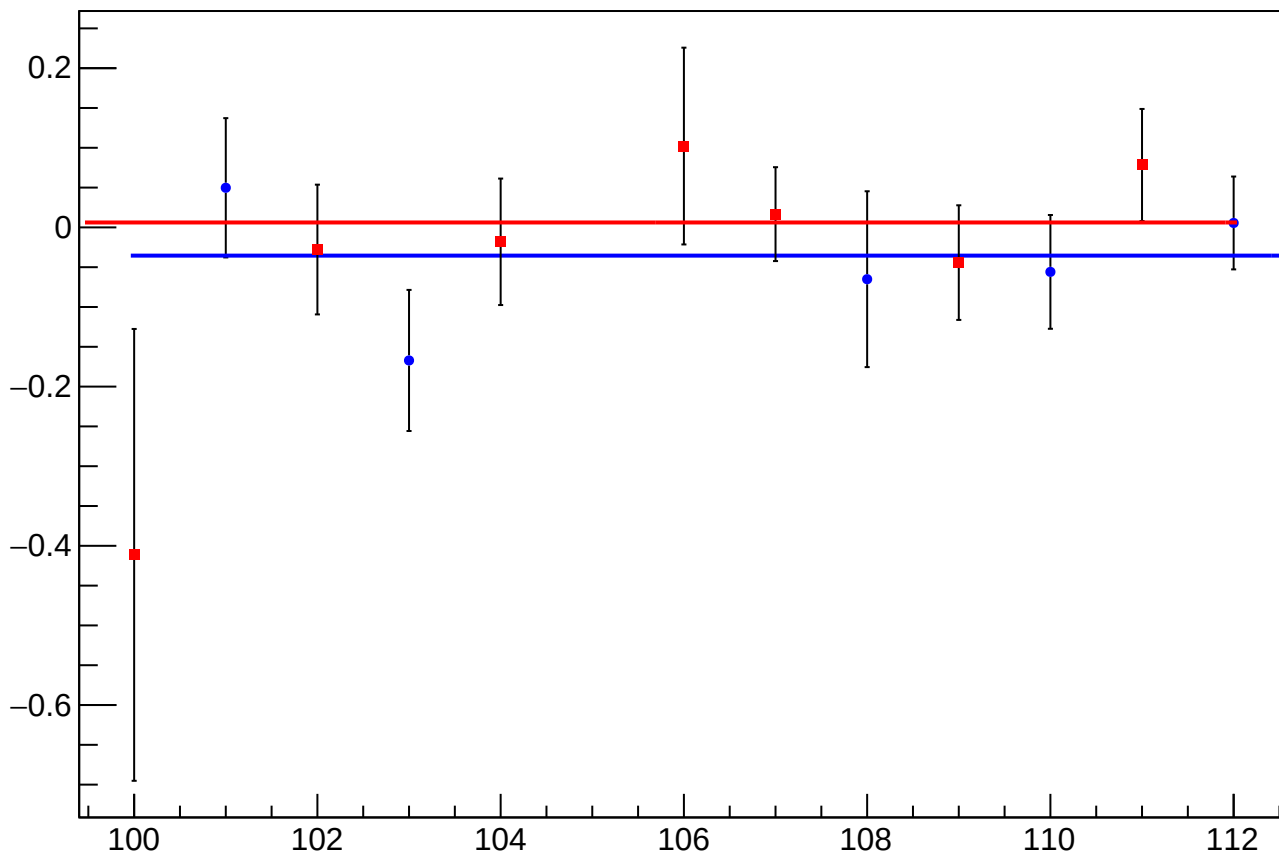
Right: 49.648+/-0.016 χ^2/NDF : 723250.4/11

In: 52.691+/-0.025 χ^2/NDF : 315218.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.648+/-0.016 χ^2/NDF : 723250.4/11

asym_sam1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.035+/-0.035 χ^2/NDF : 3.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.031 χ^2/NDF : 4.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

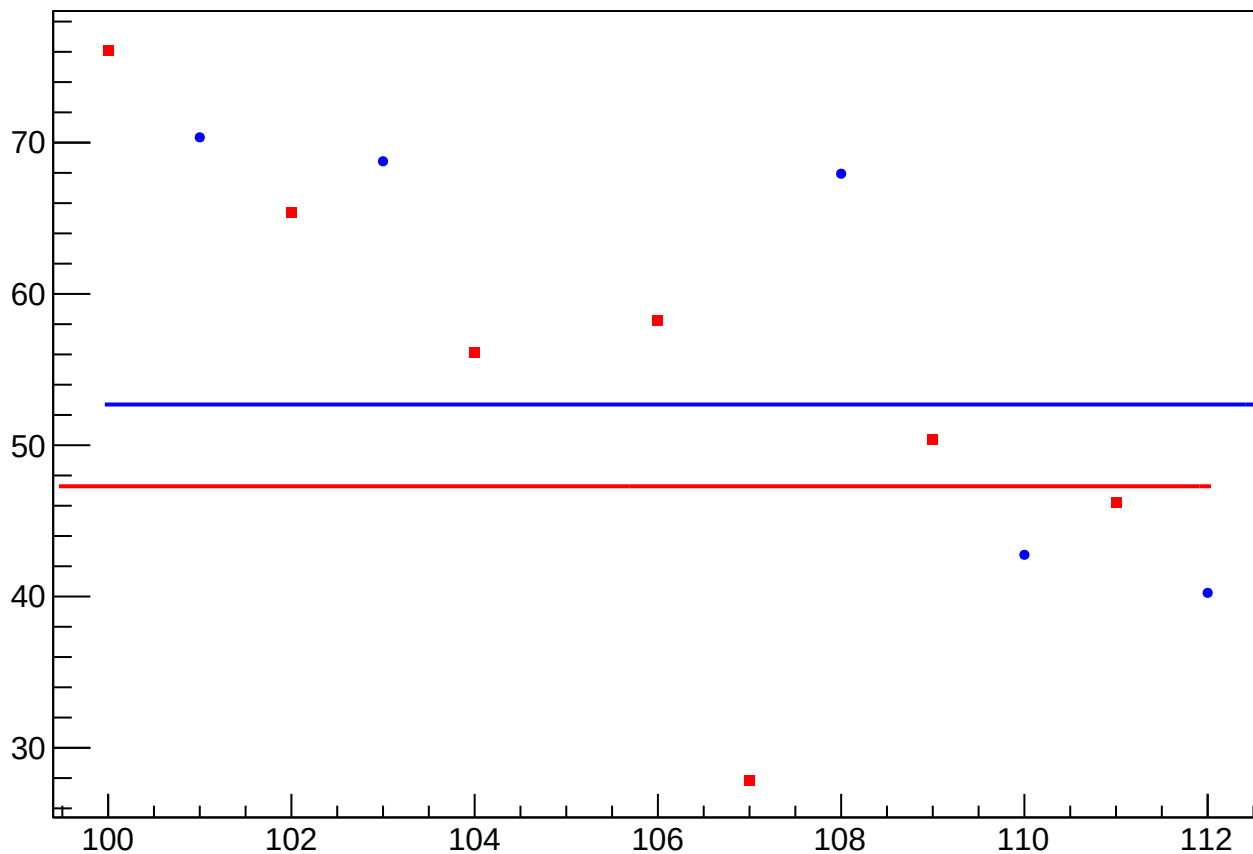
Right: -0.012+/-0.023 χ^2/NDF : 9.2/11

In: -0.035+/-0.035 χ^2/NDF : 3.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.012+/-0.023 χ^2/NDF : 9.2/11

asym_sam1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.691+/-0.025 χ^2/NDF : 315218.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.287+/-0.022 χ^2/NDF : 380747.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

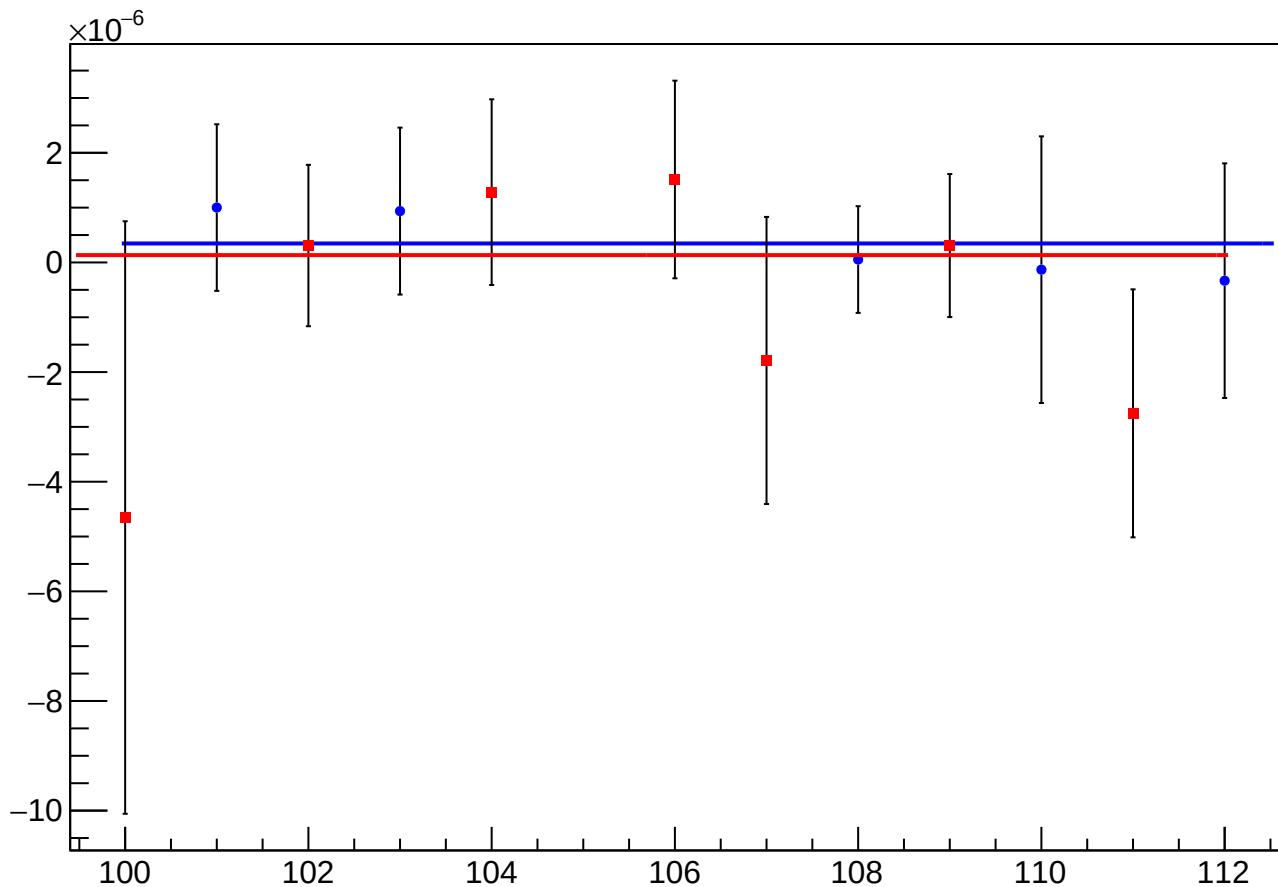
Right: 49.648+/-0.016 χ^2/NDF : 723250.4/11

In: 52.691+/-0.025 χ^2/NDF : 315218.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.648+/-0.016 χ^2/NDF : 723250.4/11

asym_sam1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

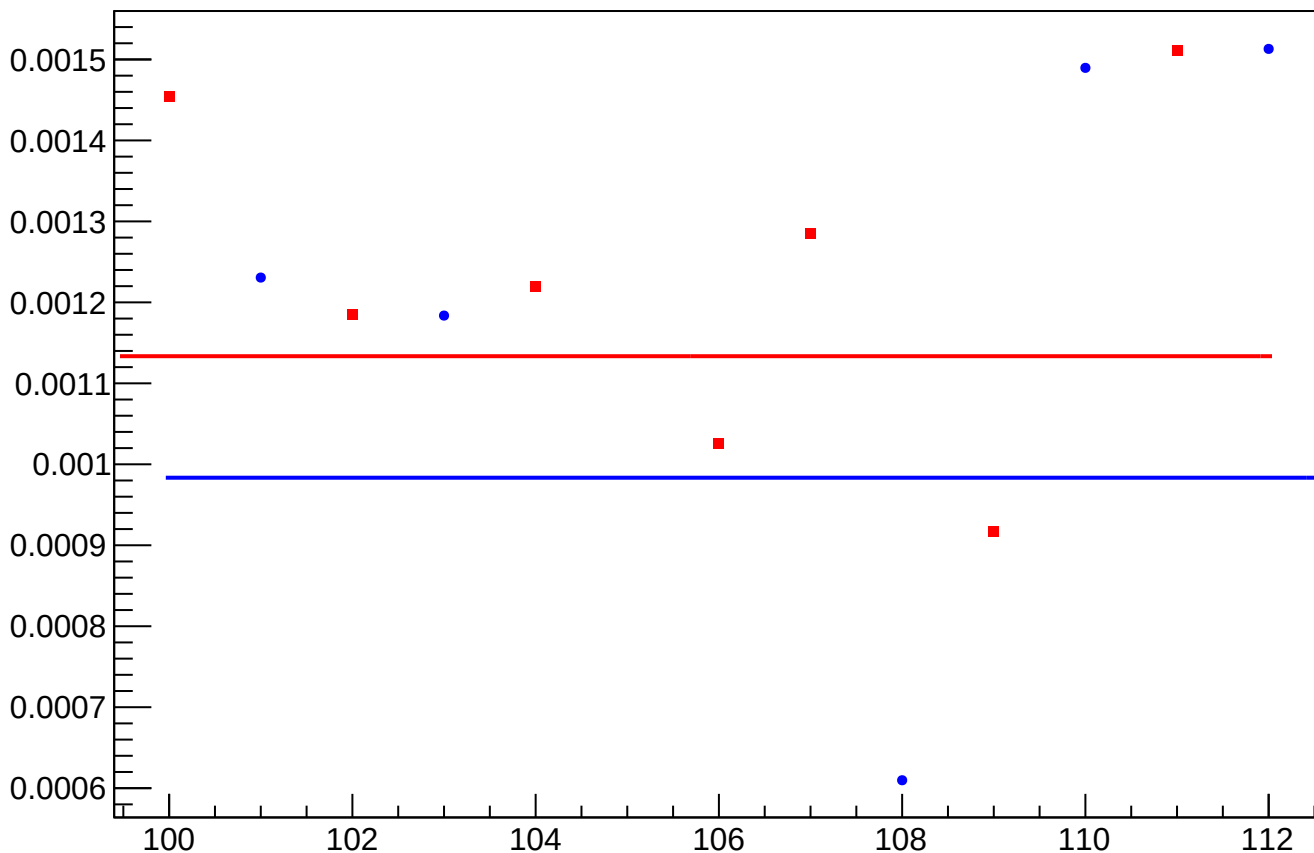
Right: 0.000+/-0.000 χ^2/NDF : 4.6/11

In: 0.000+/-0.000 χ^2/NDF : 0.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.6/11

asym_sam1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 591535.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 139372.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

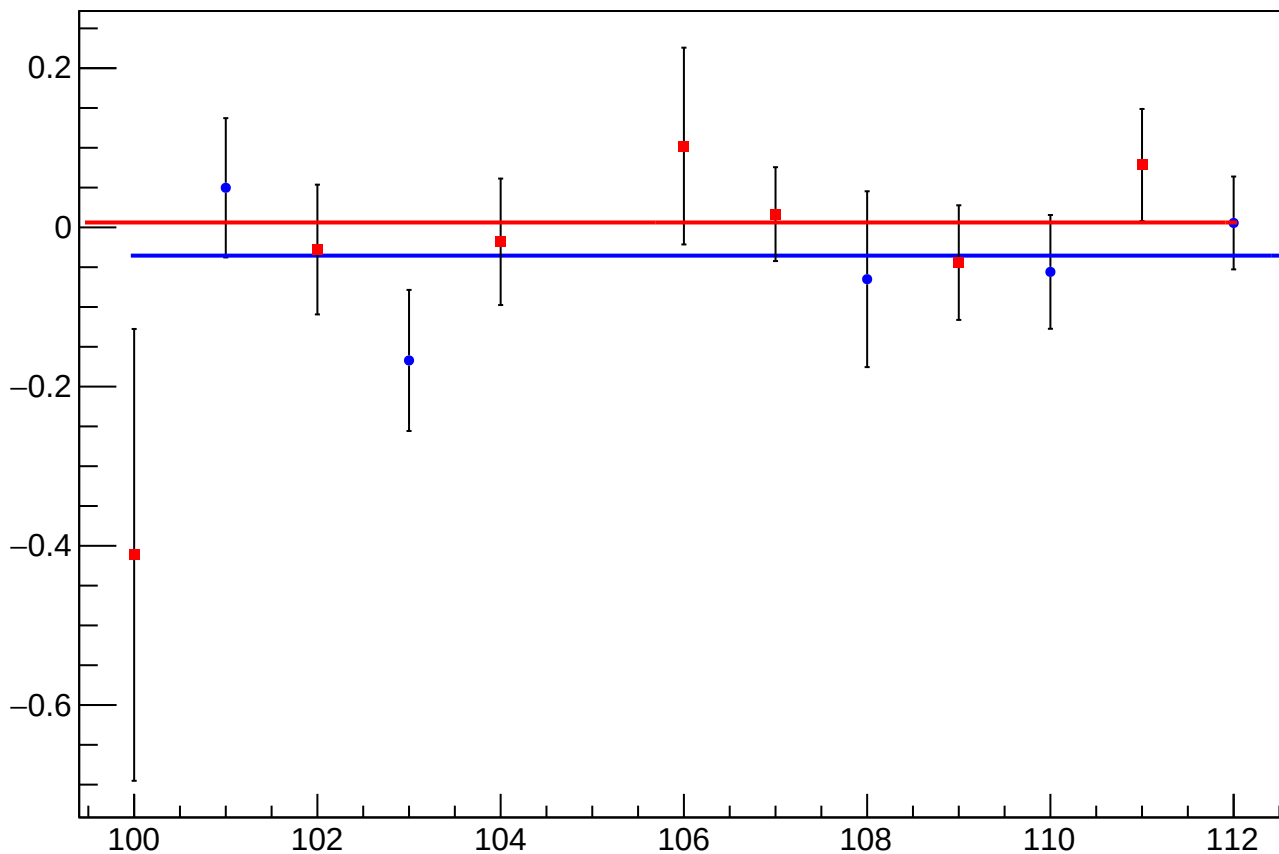
Right: 0.001+/-0.000 χ^2/NDF : 780196.3/11

In: 0.001+/-0.000 χ^2/NDF : 591535.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 780196.3/11

asym_sam1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.035+/-0.035 χ^2/NDF : 3.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.031 χ^2/NDF : 4.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

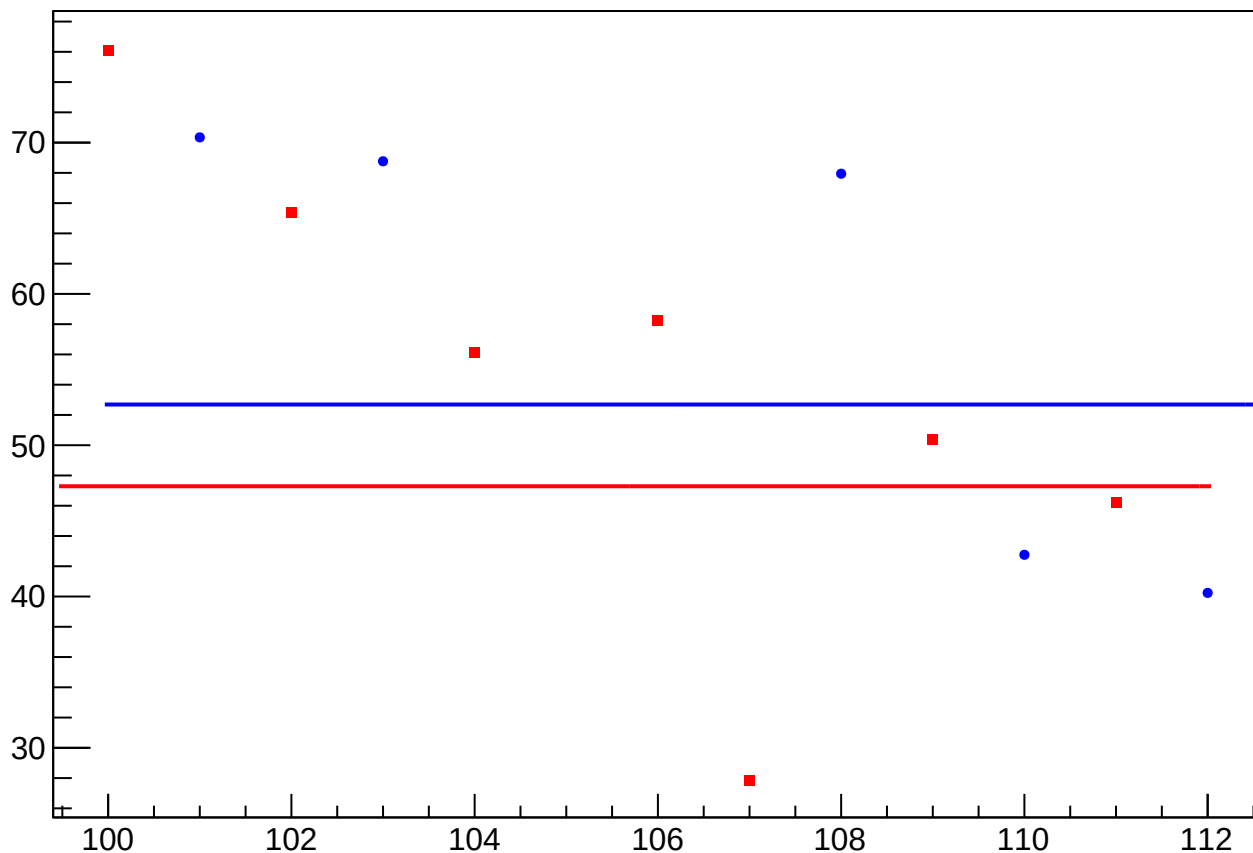
Right: -0.012+/-0.023 χ^2/NDF : 9.2/11

In: -0.035+/-0.035 χ^2/NDF : 3.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.012+/-0.023 χ^2/NDF : 9.2/11

asym_sam1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.690+/-0.025 χ^2/NDF : 315228.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.287+/-0.022 χ^2/NDF : 380750.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

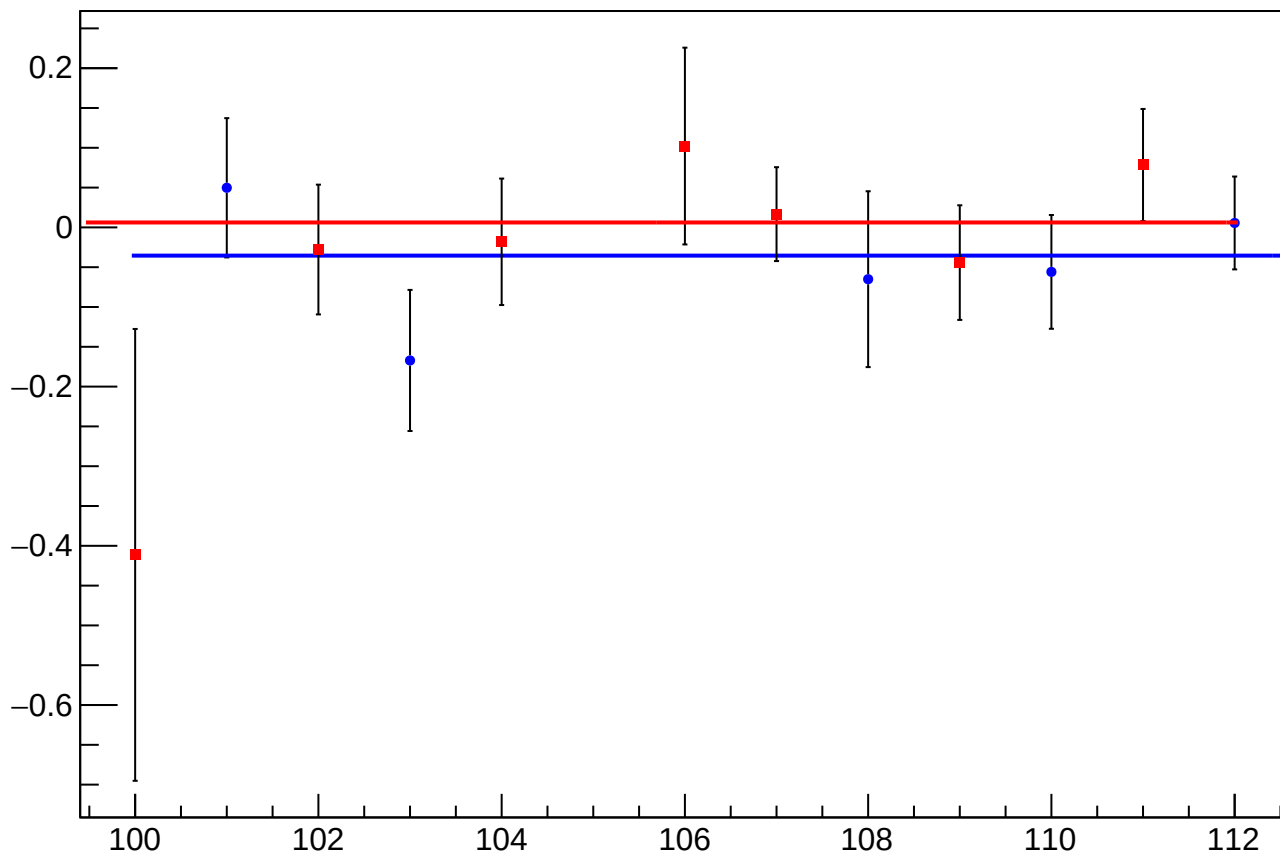
Right: 49.648+/-0.016 χ^2/NDF : 723262.7/11

In: 52.690+/-0.025 χ^2/NDF : 315228.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.648+/-0.016 χ^2/NDF : 723262.7/11

asym_sam1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.035+/-0.035 χ^2/NDF : 3.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.031 χ^2/NDF : 4.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

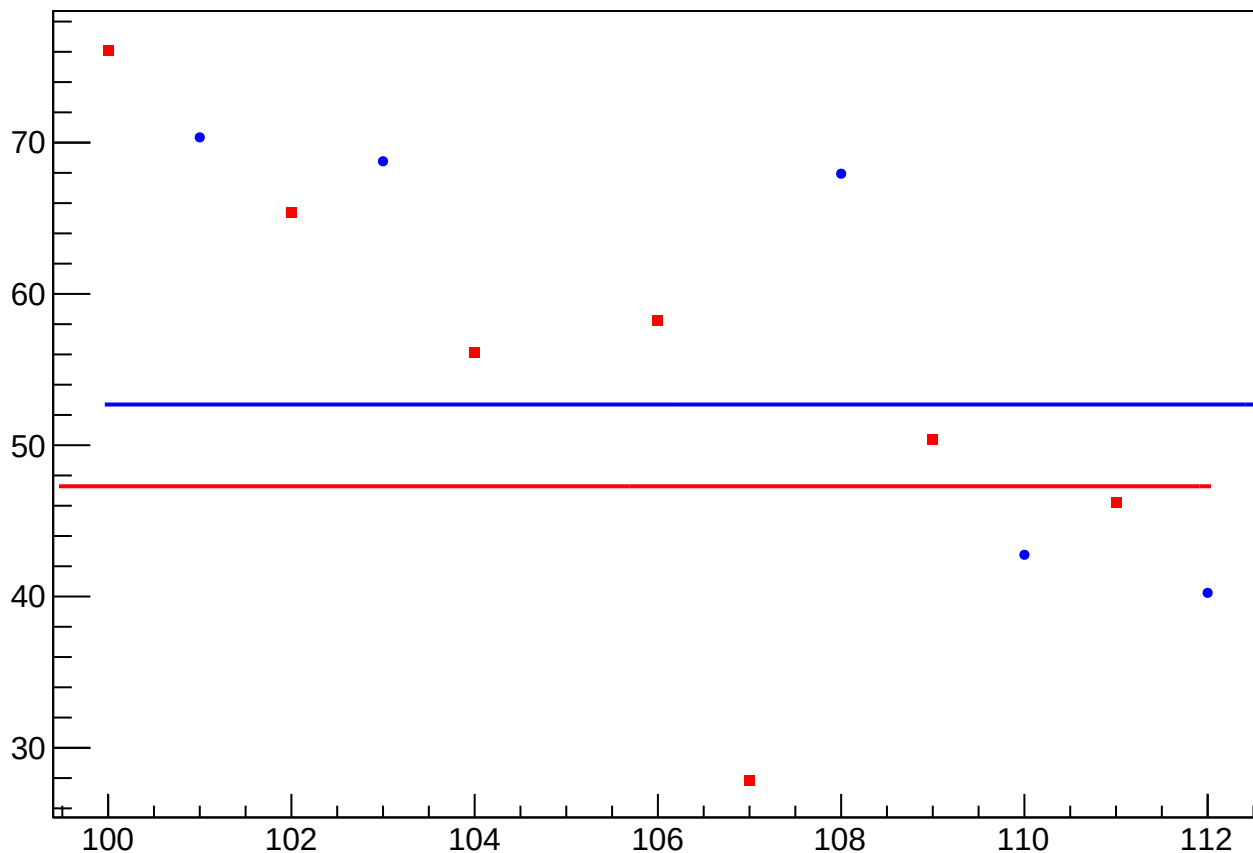
Right: -0.012+/-0.023 χ^2/NDF : 9.2/11

In: -0.035+/-0.035 χ^2/NDF : 3.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.012+/-0.023 χ^2/NDF : 9.2/11

asym_sam1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.690+/-0.025 χ^2/NDF : 315228.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.287+/-0.022 χ^2/NDF : 380750.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

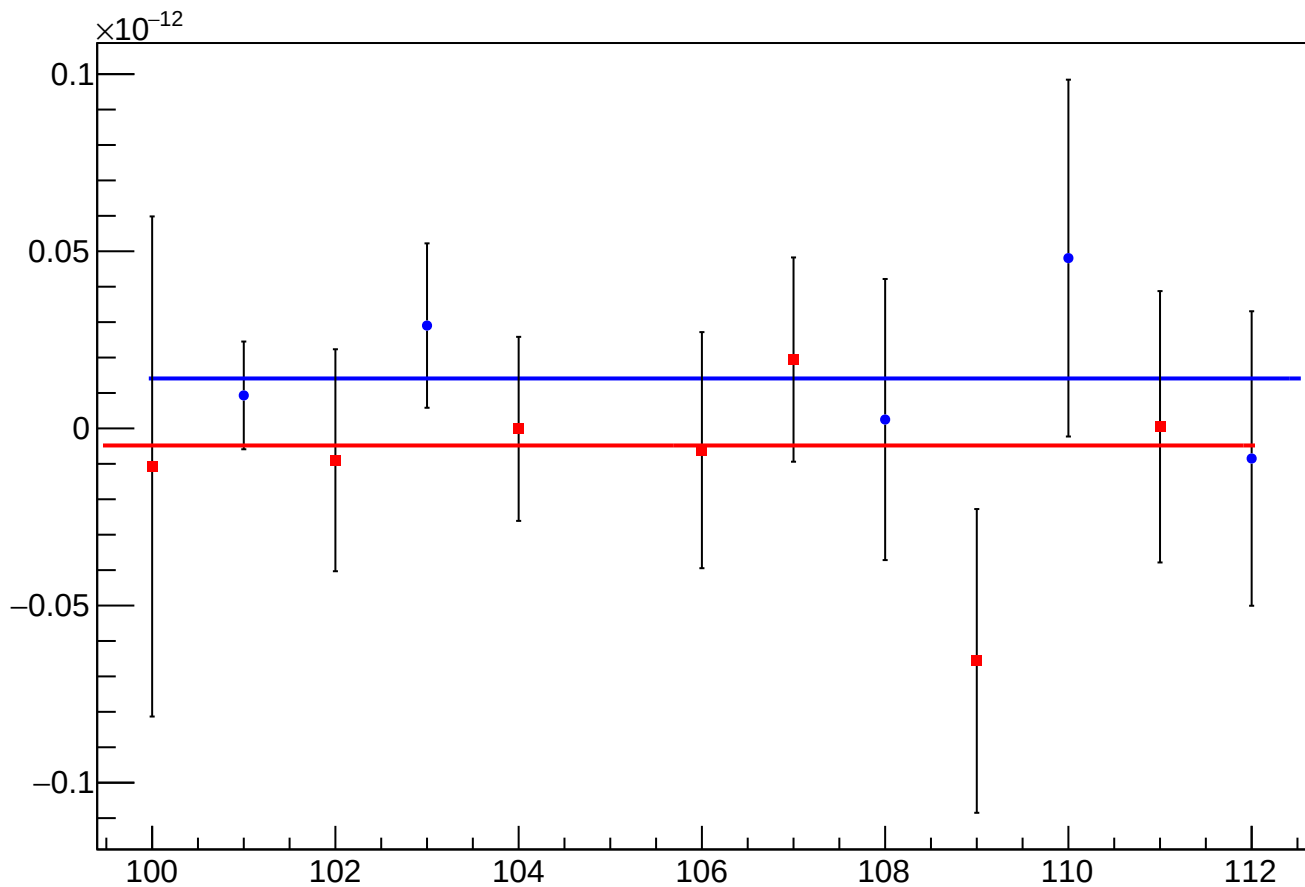
Right: 49.648+/-0.016 χ^2/NDF : 723262.7/11

In: 52.690+/-0.025 χ^2/NDF : 315228.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.648+/-0.016 χ^2/NDF : 723262.7/11

asym_sam1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

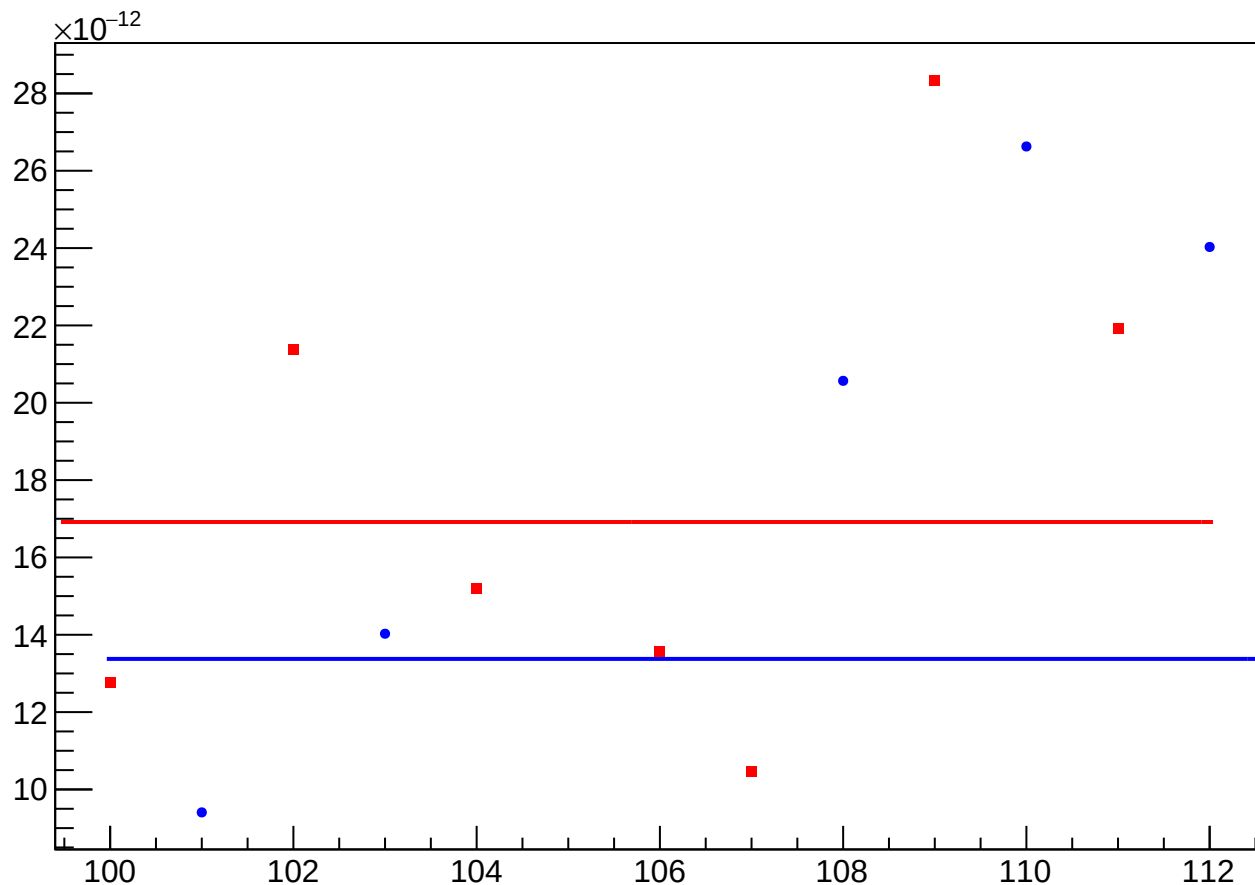
Right: 0.000+/-0.000 χ^2/NDF : 5.4/11

In: 0.000+/-0.000 χ^2/NDF : 1.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5.4/11

asym_sam1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 473477.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 351979.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

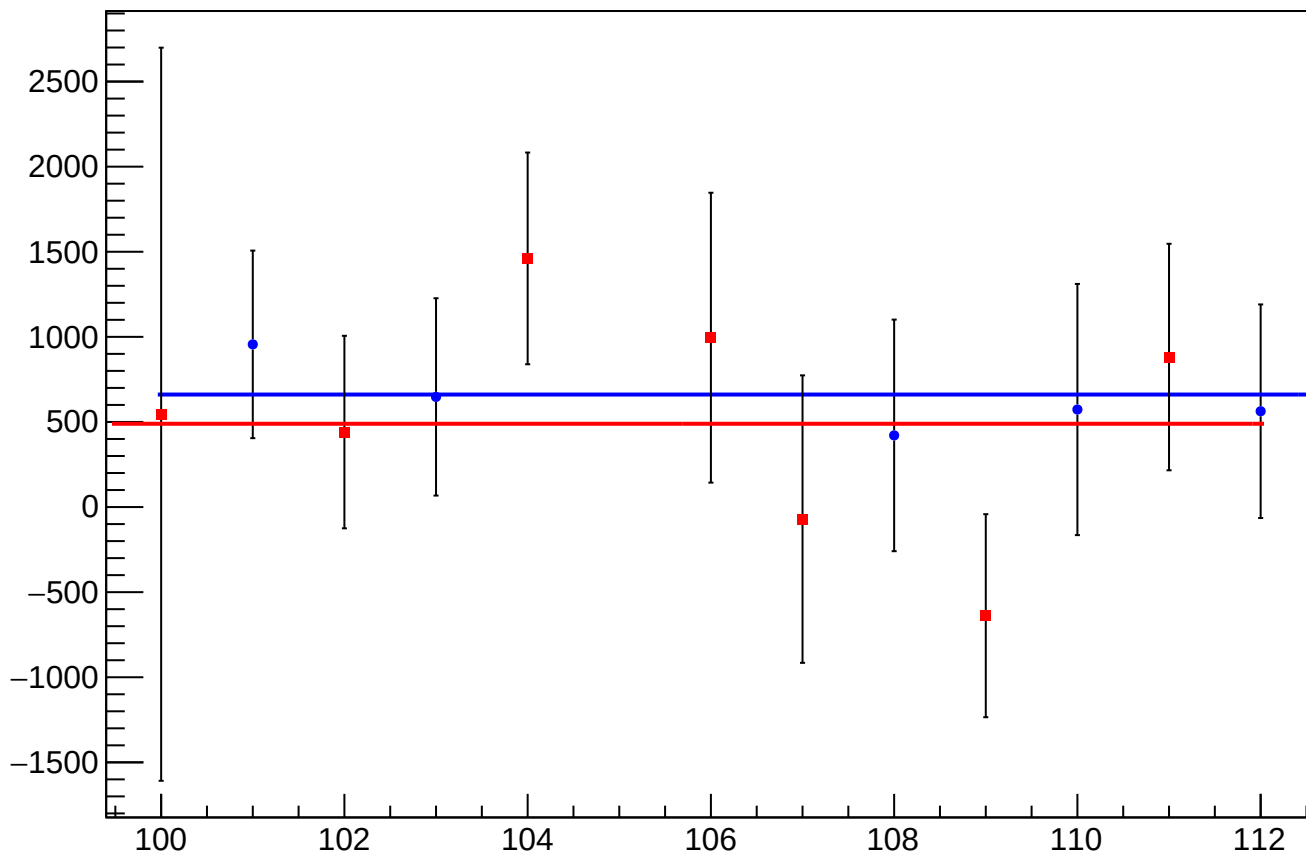
Right: 0.000+/-0.000 χ^2/NDF : 910690.7/11

In: 0.000+/-0.000 χ^2/NDF : 473477.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 910690.7/11

reg_asym_sam2_mean vs Slug, Sign Corrected



Right In: 661.071 $\pm$ 279.451 χ^2 /NDF: 0.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 489.329 $\pm$ 269.419 χ^2 /NDF: 7.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

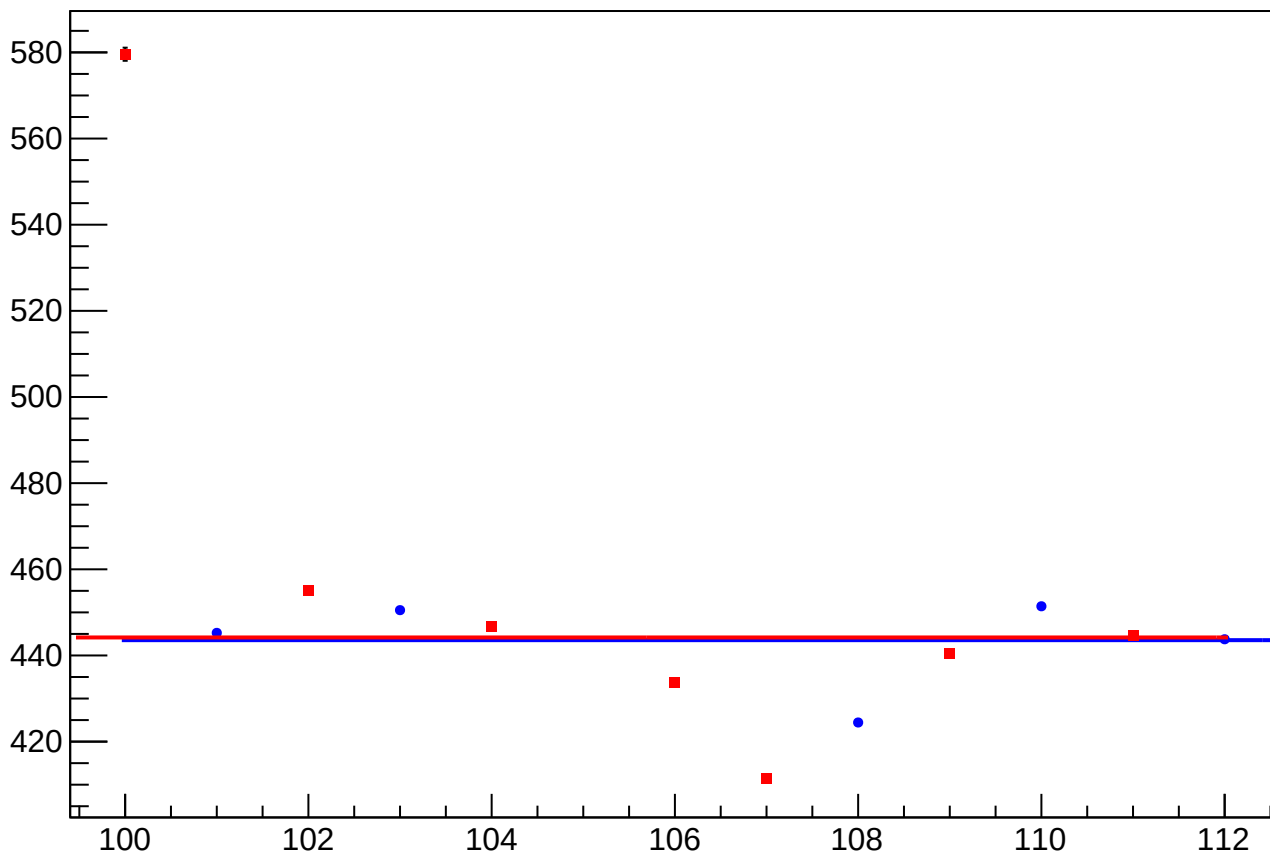
Right: 572.062 $\pm$ 193.958 χ^2 /NDF: 7.8/11

In: 661.071 $\pm$ 279.451 χ^2 /NDF:0.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 572.062 $\pm$ 193.958 χ^2 /NDF: 7.8/11

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 443.552+/-0.198 χ^2/NDF : 2113.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 444.179+/-0.191 χ^2/NDF : 12036.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

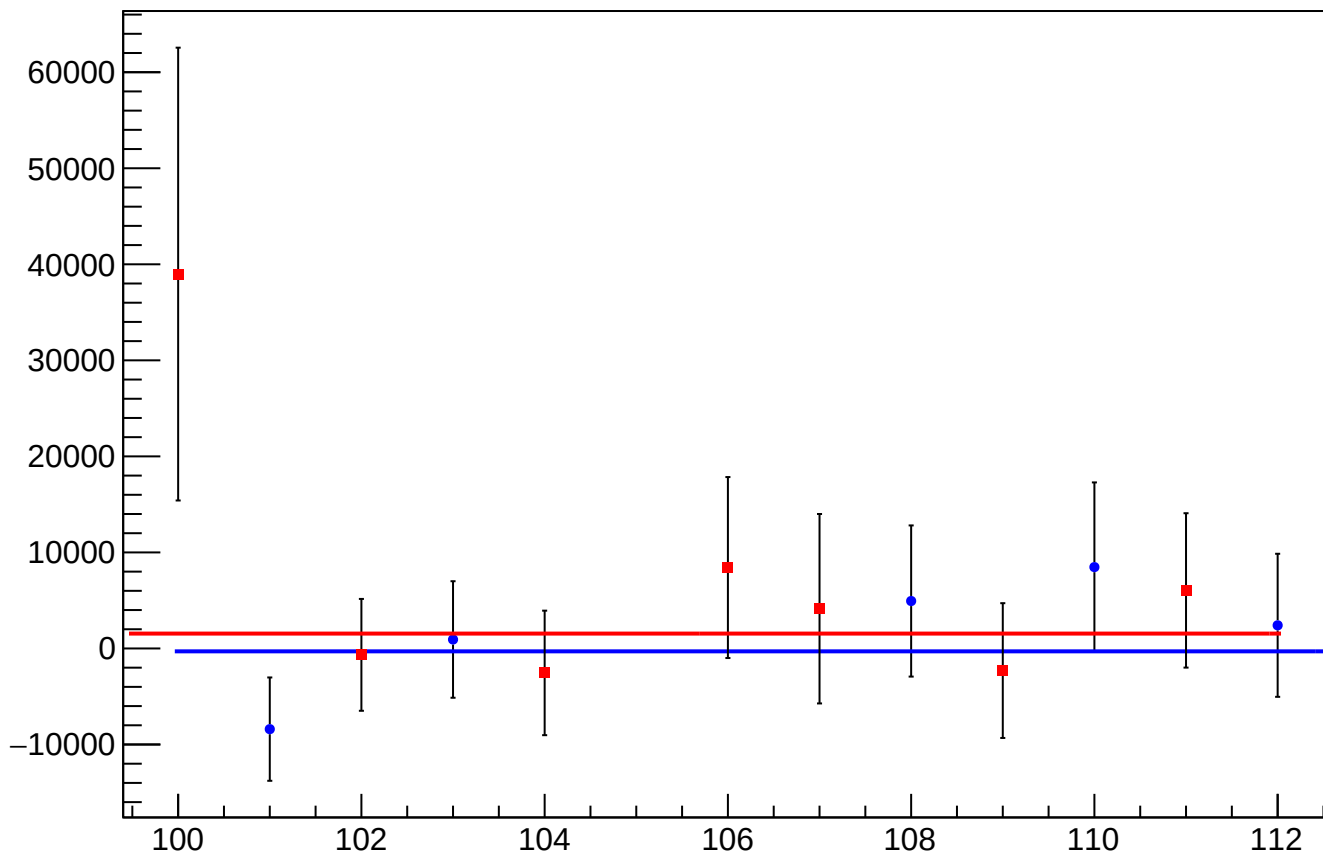
Right: 443.877+/-0.137 χ^2/NDF : 14155.6/11

In: 443.552+/-0.198 χ^2/NDF : 2113.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 443.877+/-0.137 χ^2/NDF : 14155.6/11

asym_sam2_reg_correction_mean vs Slug, Sign Corrected



Right In: -300.355+/-3032.289 χ^2/NDF : 3.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1549.117+/-2982.522 χ^2/NDF : 4.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

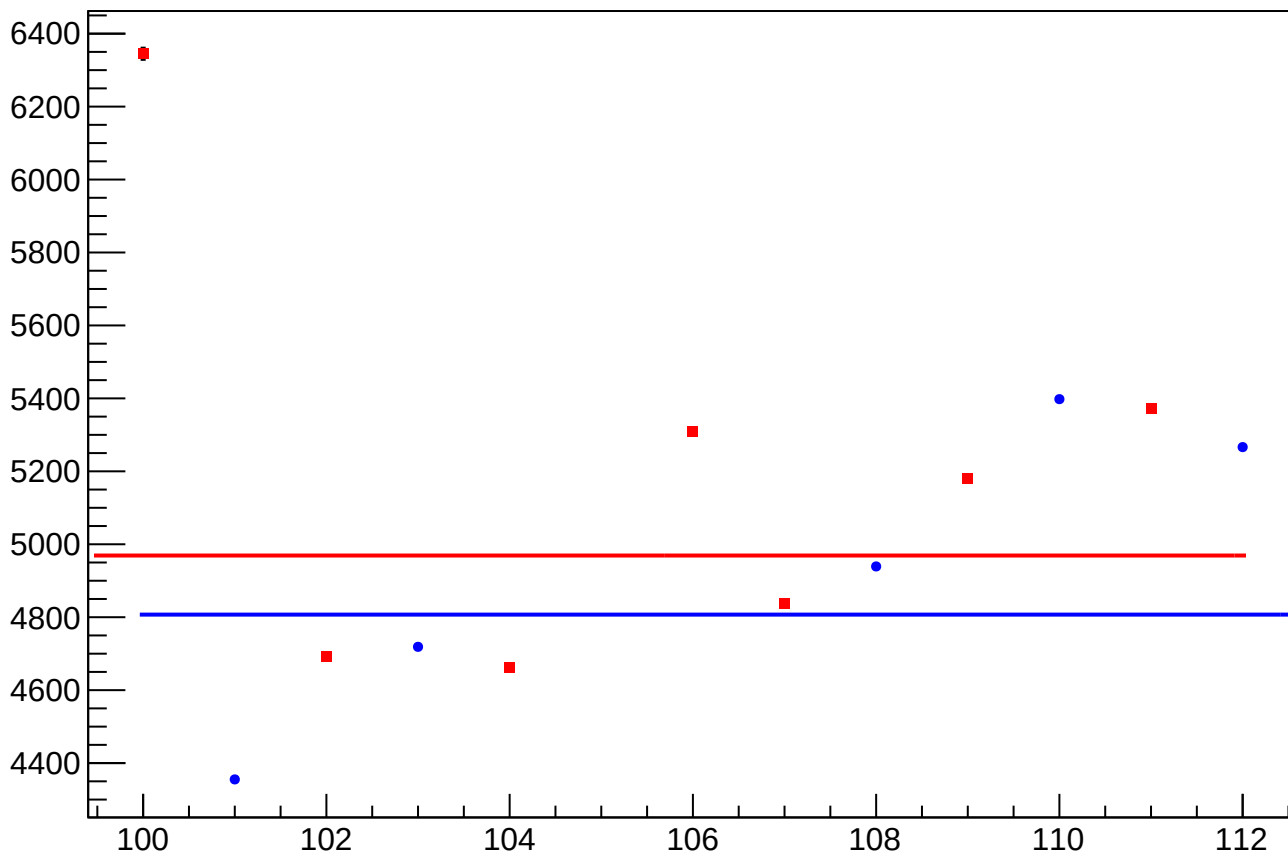
Right: 639.683+/-2126.338 χ^2/NDF : 8.3/11

In: -300.355+/-3032.289 χ^2/NDF : 3.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 639.683+/-2126.338 χ^2/NDF : 8.3/11

asym_sam2_reg_correction_rms vs Slug, Sign Corrected



Right In: 4807.126+/-2.144 χ^2/NDF : 31682.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4969.155+/-2.109 χ^2/NDF : 25648.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

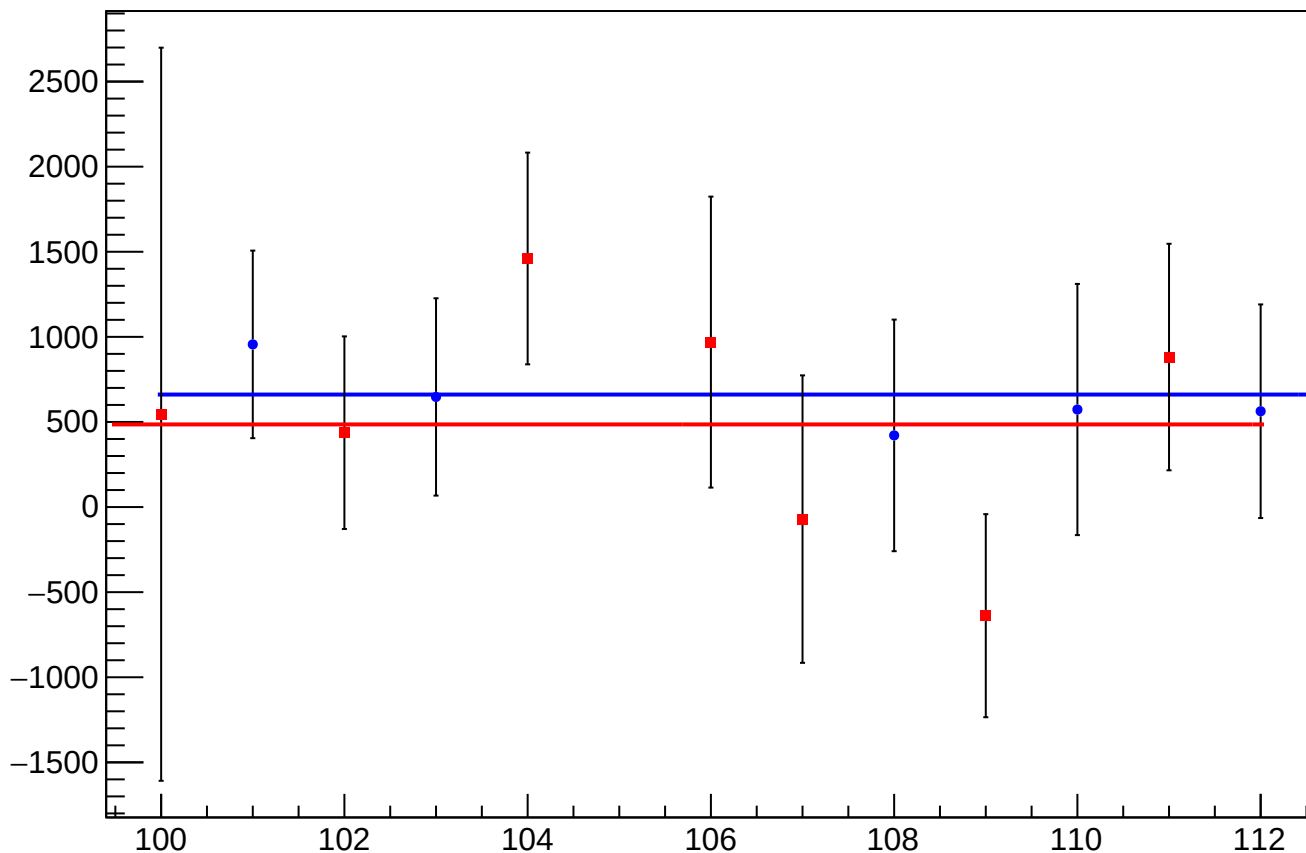
Right: 4889.481+/-1.504 χ^2/NDF : 60232.9/11

In: 4807.126+/-2.144 χ^2/NDF : 31682.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4889.481+/-1.504 χ^2/NDF : 60232.9/11

cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 661.062 $\pm$ 279.452 χ^2 /NDF: 0.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 485.535 $\pm$ 269.545 χ^2 /NDF: 7.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

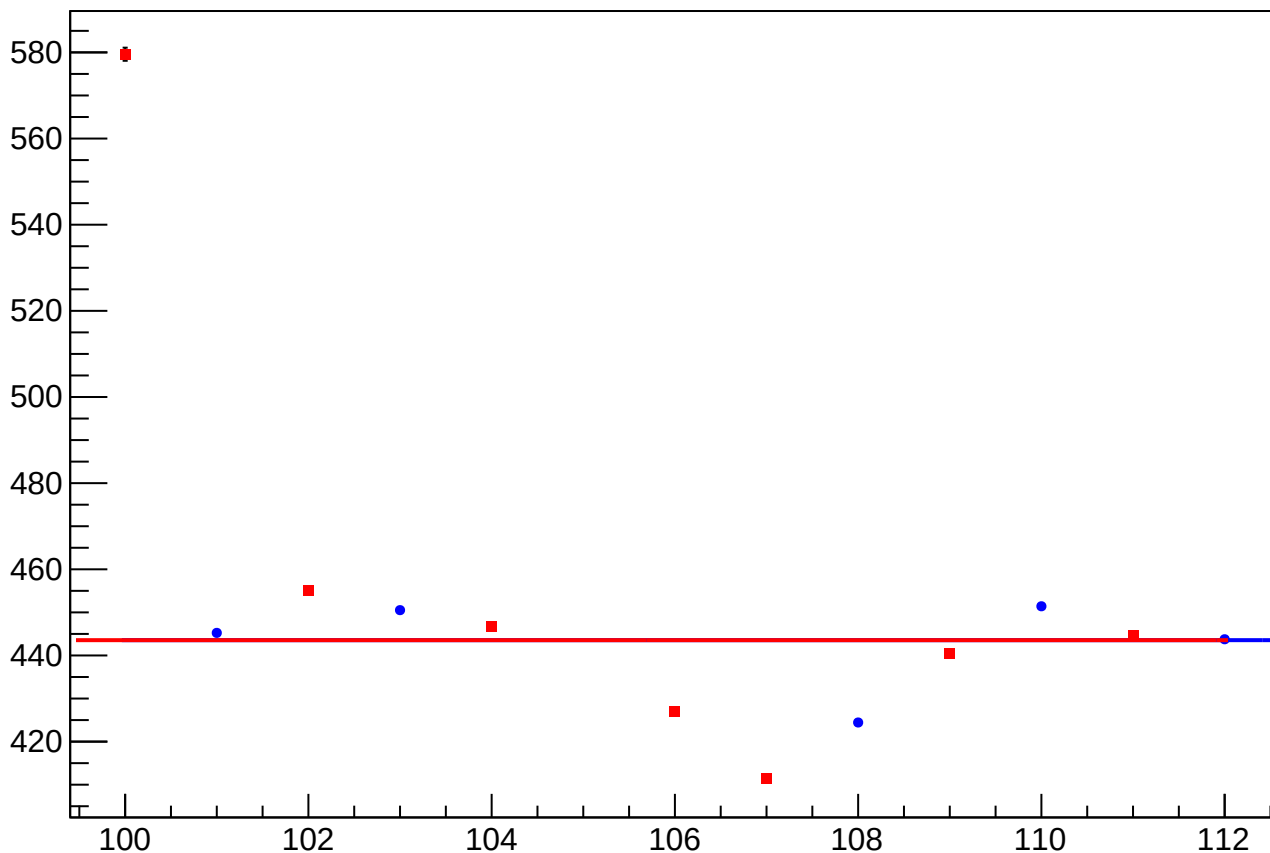
Right: 570.132 $\pm$ 194.005 χ^2 /NDF: 7.8/11

In: 661.062 $\pm$ 279.452 χ^2 /NDF:0.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 570.132 $\pm$ 194.005 χ^2 /NDF: 7.8/11

cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 443.553+/-0.198 χ^2/NDF : 2113.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 443.551+/-0.191 χ^2/NDF : 12563.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

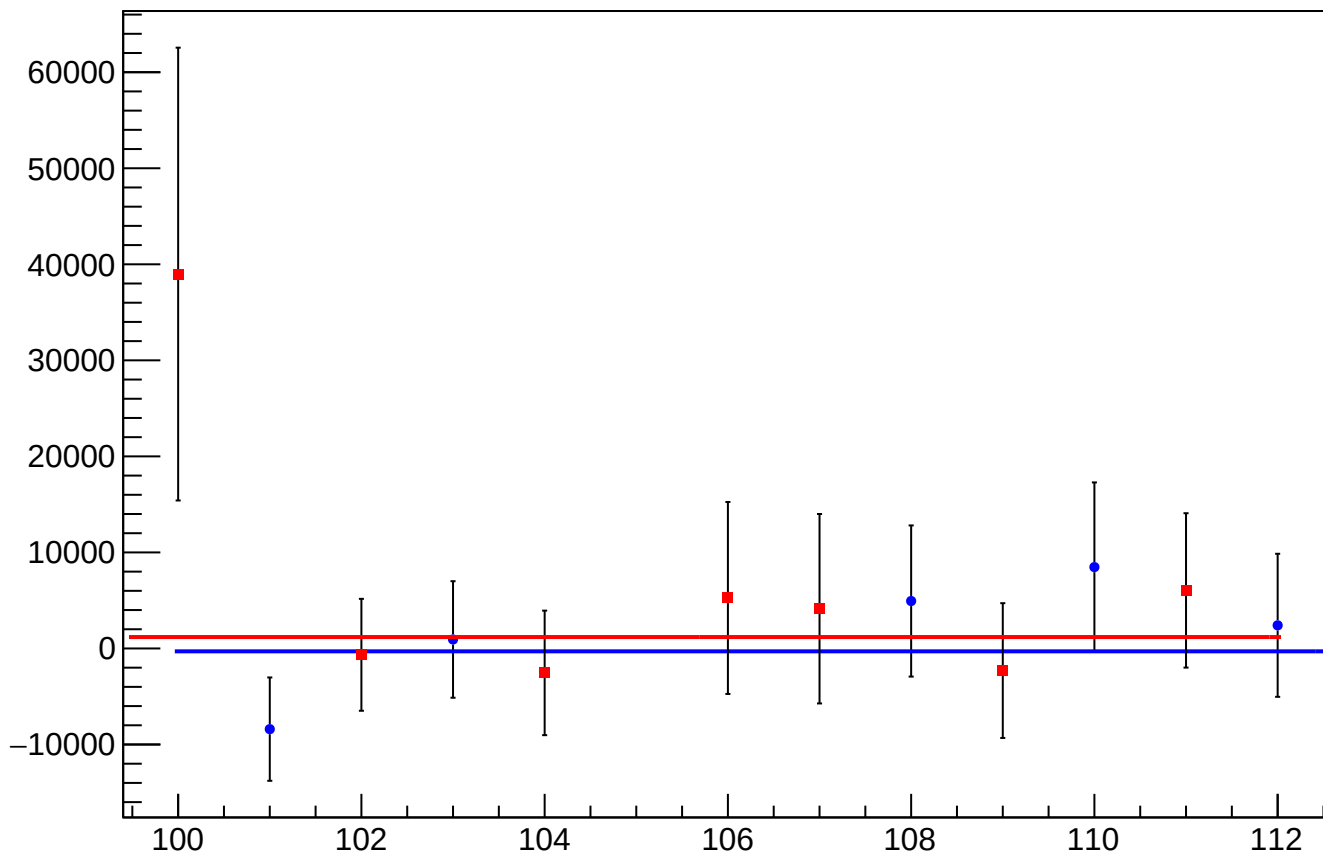
Right: 443.552+/-0.137 χ^2/NDF : 14677.5/11

In: 443.553+/-0.198 χ^2/NDF : 2113.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 443.552+/-0.137 χ^2/NDF : 14677.5/11

asym_sam2_cor_correction_mean vs Slug, Sign Corrected



Right In: -299.890+/-3032.319 χ^2/NDF : 3.9/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1188.661+/-2999.735 χ^2/NDF : 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

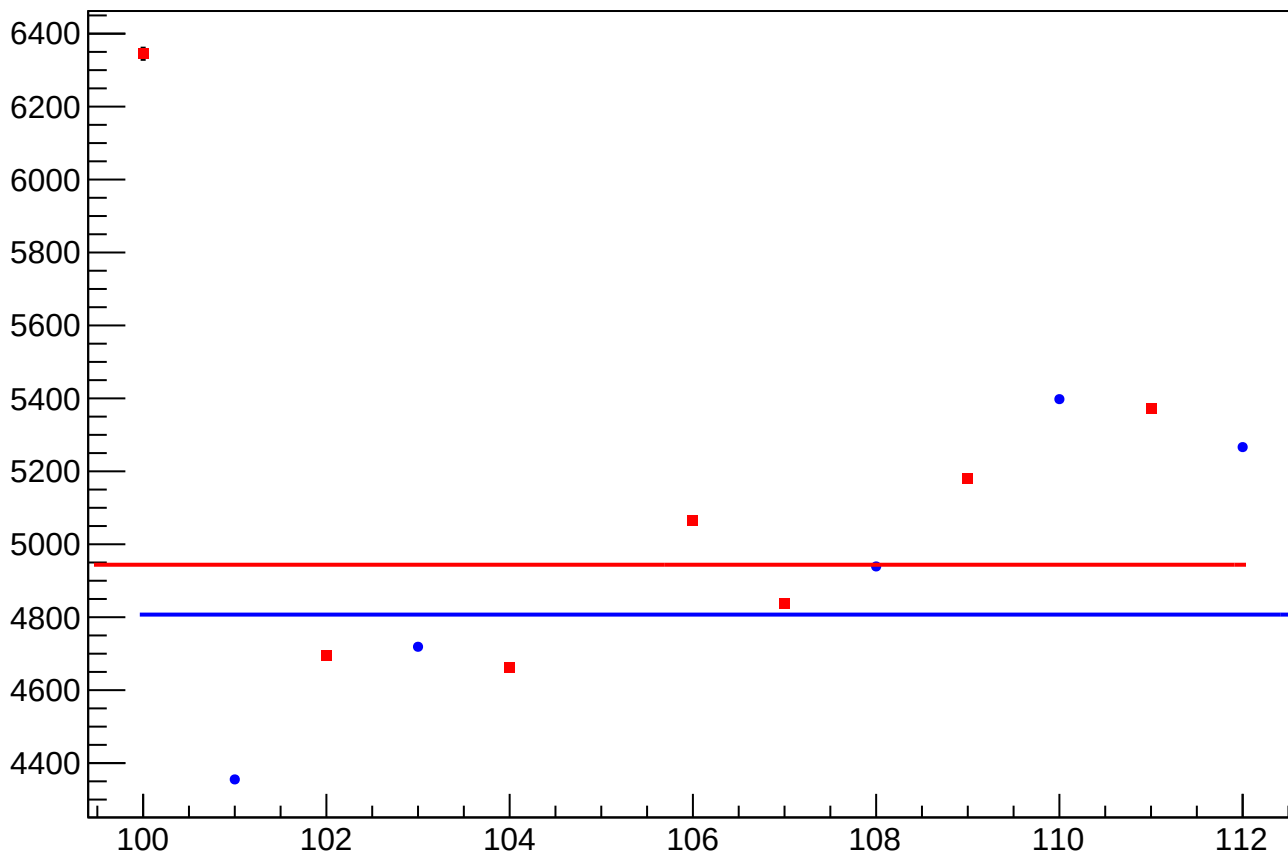
Right: 452.426+/-2132.560 χ^2/NDF : 7.9/11

In: -299.890+/-3032.319 χ^2/NDF :3.9/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 452.426+/-2132.560 χ^2/NDF : 7.9/11

asym_sam2_cor_correction_rms vs Slug, Sign Corrected



Right In: 4807.173+/-2.144 χ^2/NDF : 31680.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4943.872+/-2.121 χ^2/NDF : 22983.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

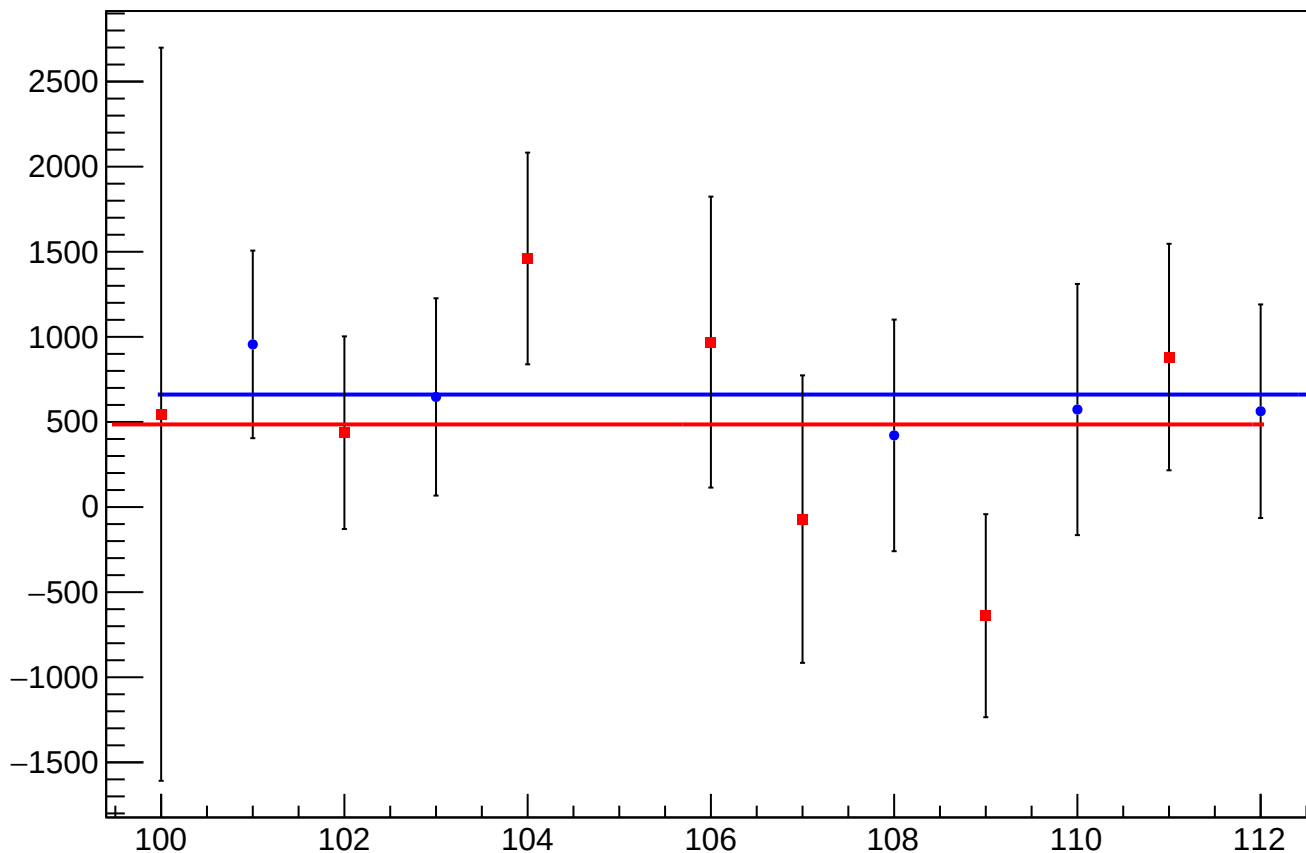
Right: 4876.261+/-1.508 χ^2/NDF : 56717.6/11

In: 4807.173+/-2.144 χ^2/NDF : 31680.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4876.261+/-1.508 χ^2/NDF : 56717.6/11

eigen_cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 661.062 $\pm$ 279.452 χ^2 /NDF: 0.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 485.535 $\pm$ 269.545 χ^2 /NDF: 7.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

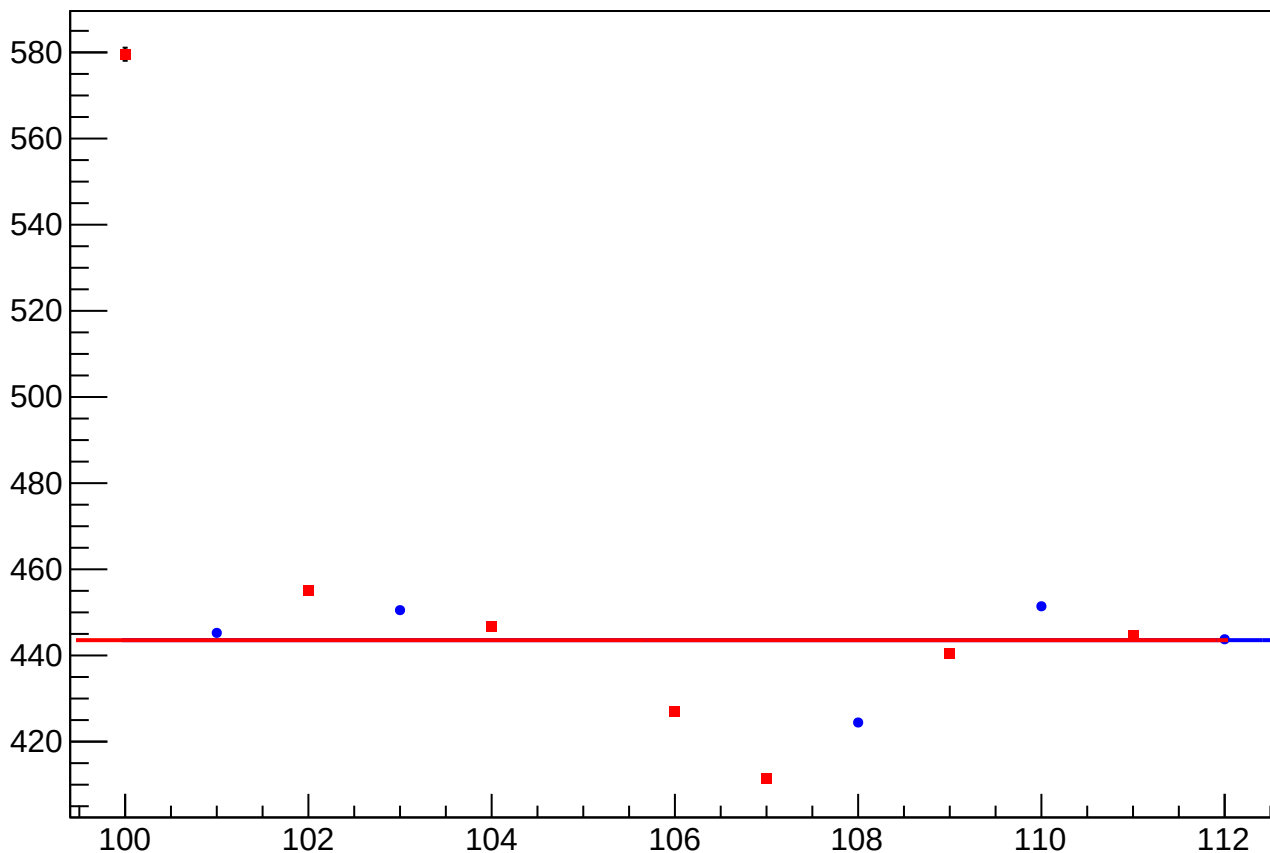
Right: 570.132 $\pm$ 194.005 χ^2 /NDF: 7.8/11

In: 661.062 $\pm$ 279.452 χ^2 /NDF:0.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 570.132 $\pm$ 194.005 χ^2 /NDF: 7.8/11

eigen_cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 443.553+/-0.198 χ^2/NDF : 2113.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 443.551+/-0.191 χ^2/NDF : 12563.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

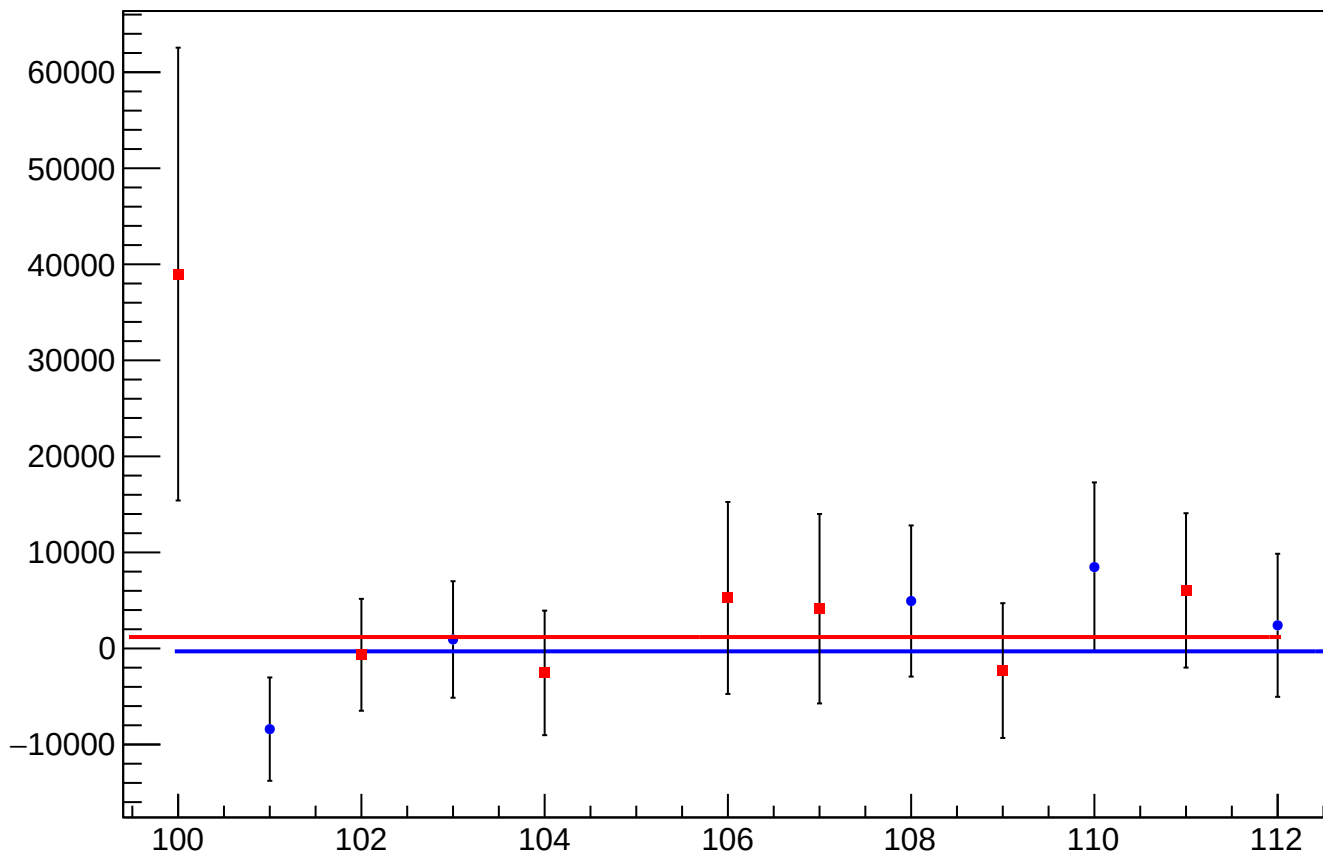
Right: 443.552+/-0.137 χ^2/NDF : 14677.5/11

In: 443.553+/-0.198 χ^2/NDF : 2113.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 443.552+/-0.137 χ^2/NDF : 14677.5/11

asym_sam2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -299.890+/-3032.319 χ^2/NDF : 3.9/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1188.661+/-2999.735 χ^2/NDF : 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

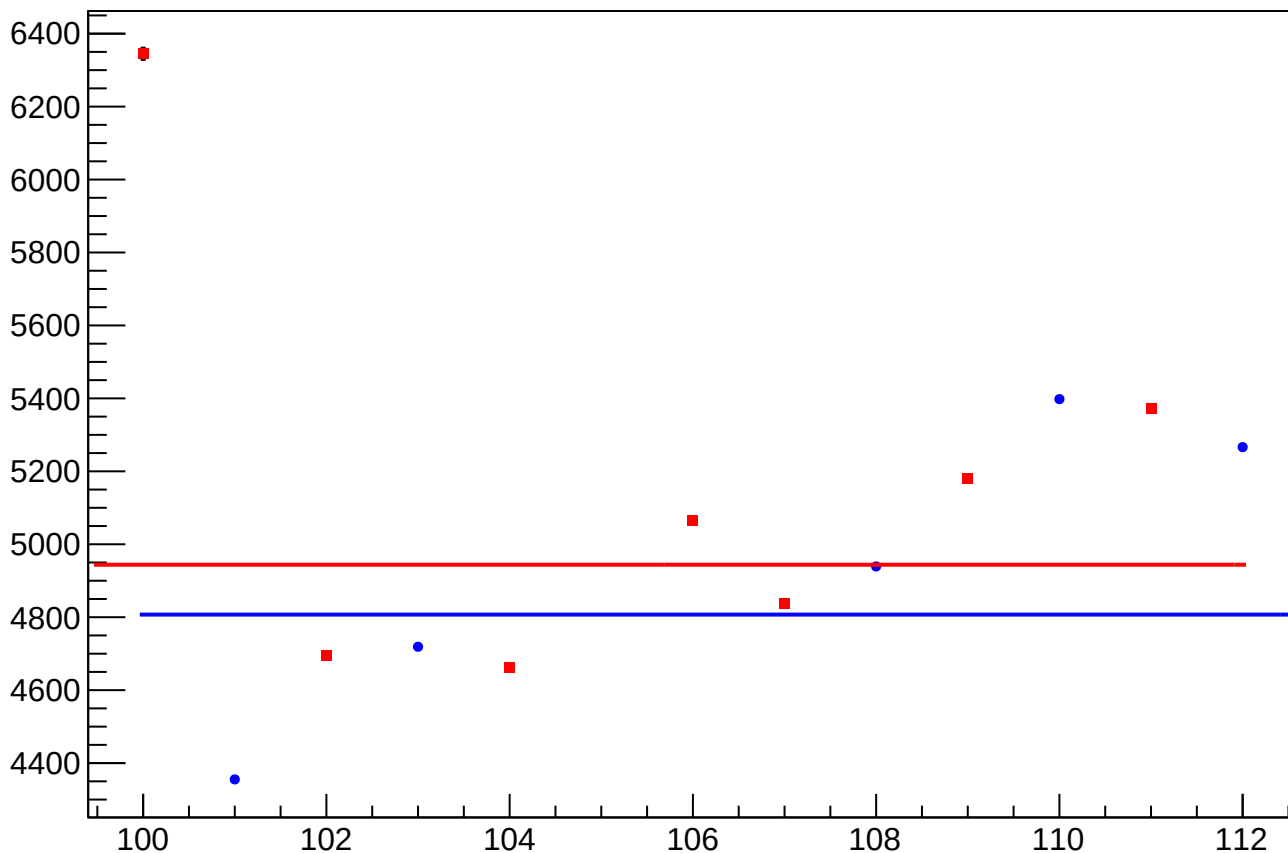
Right: 452.426+/-2132.560 χ^2/NDF : 7.9/11

In: -299.890+/-3032.319 χ^2/NDF :3.9/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 452.426+/-2132.560 χ^2/NDF : 7.9/11

asym_sam2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4807.173+/-2.144 χ^2/NDF : 31680.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4943.872+/-2.121 χ^2/NDF : 22983.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

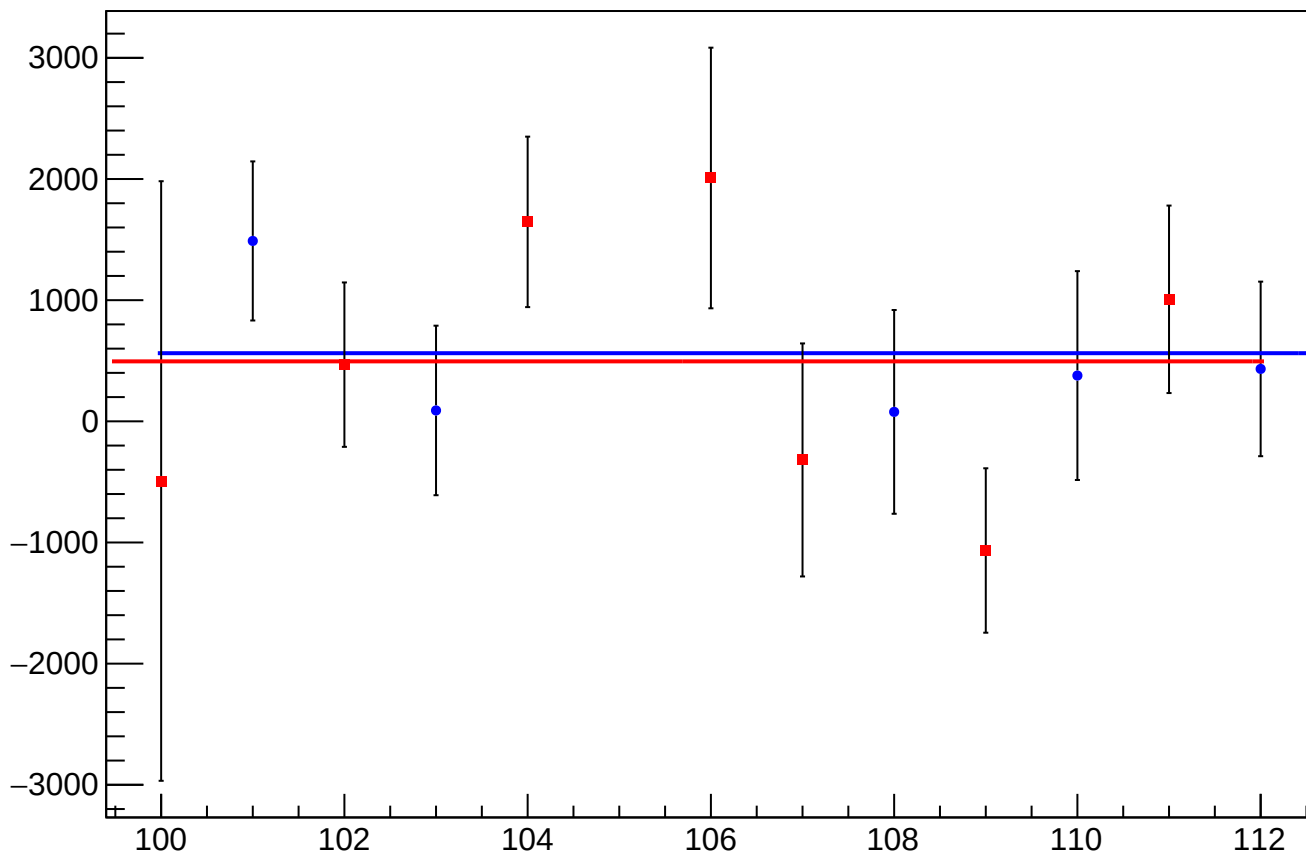
Right: 4876.261+/-1.508 χ^2/NDF : 56717.6/11

In: 4807.173+/-2.144 χ^2/NDF : 31680.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4876.261+/-1.508 χ^2/NDF : 56717.6/11

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 562.397 $\pm$ 332.424 χ^2 /NDF: 2.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 494.916 $\pm$ 313.968 χ^2 /NDF: 11.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

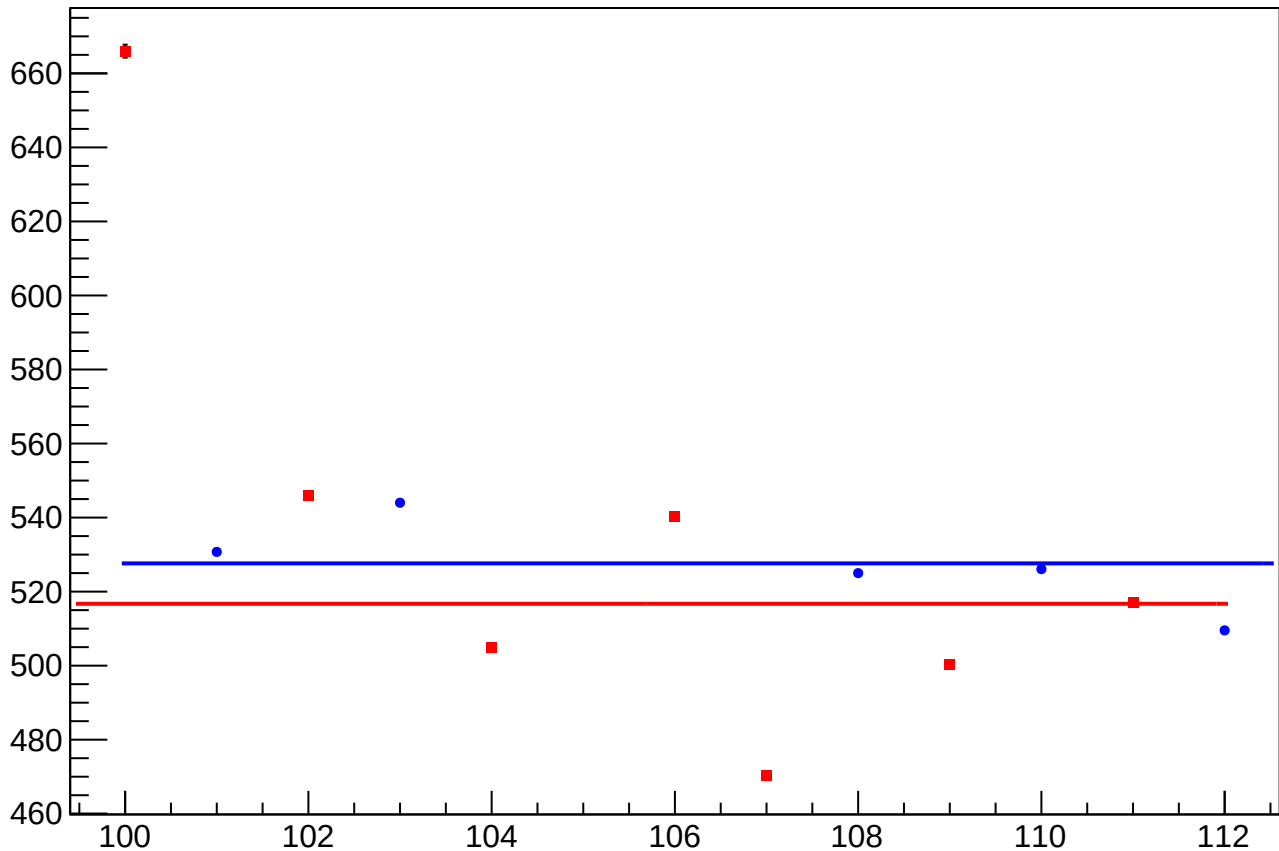
Right: 526.732 $\pm$ 228.255 χ^2 /NDF: 14.1/11

In: 562.397 $\pm$ 332.424 χ^2 /NDF:2.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 526.732 $\pm$ 228.255 χ^2 /NDF: 14.1/11

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 527.627+/-0.235 χ^2/NDF : 2429.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 516.721+/-0.222 χ^2/NDF : 18341.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

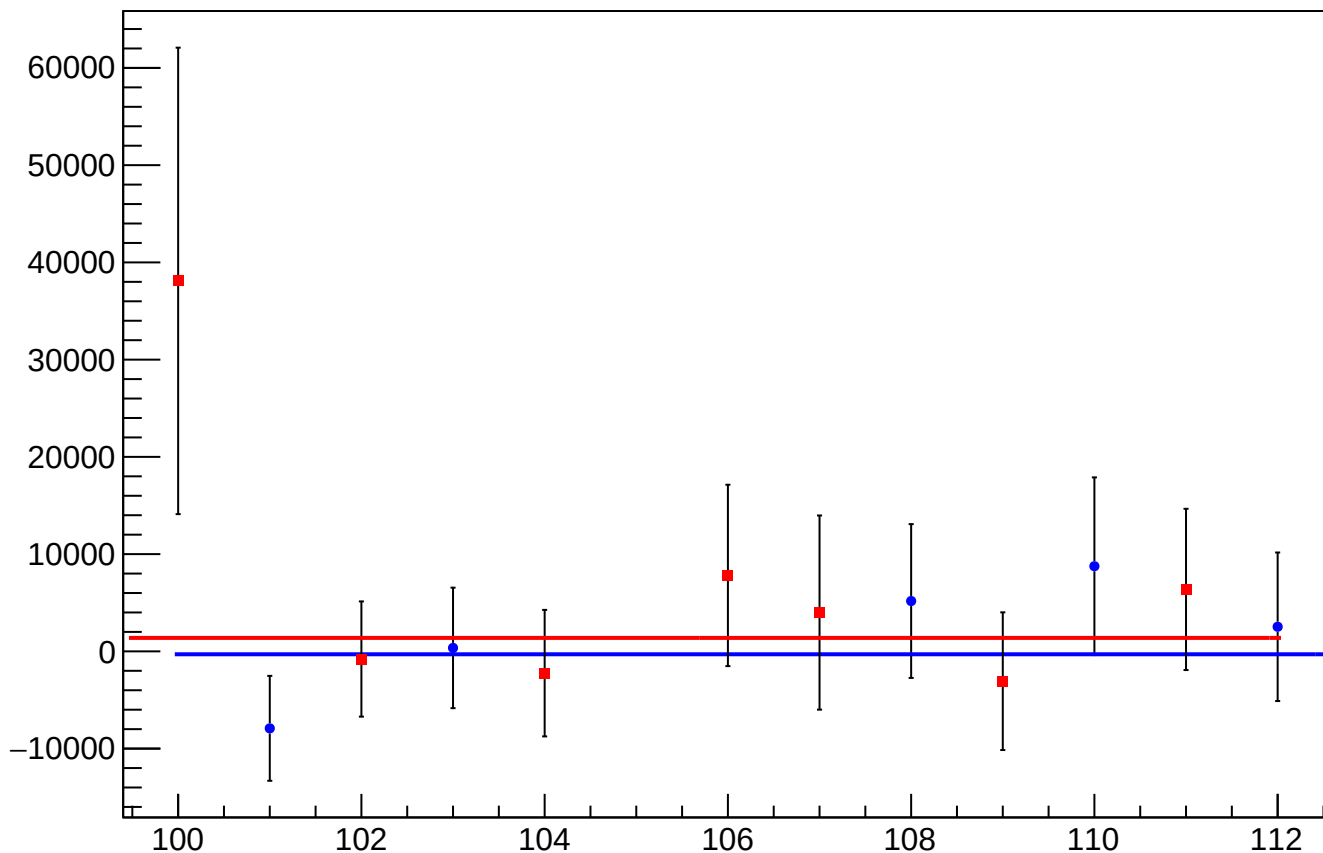
Right: 521.863+/-0.161 χ^2/NDF : 21908.7/11

In: 527.627+/-0.235 χ^2/NDF : 2429.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 521.863+/-0.161 χ^2/NDF : 21908.7/11

asym_sam2_dit_correction_mean vs Slug, Sign Corrected



Right In: -300.309 ± 3078.655 χ^2/NDF : 3.6/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1383.871 ± 3016.873 χ^2/NDF : 4.1/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

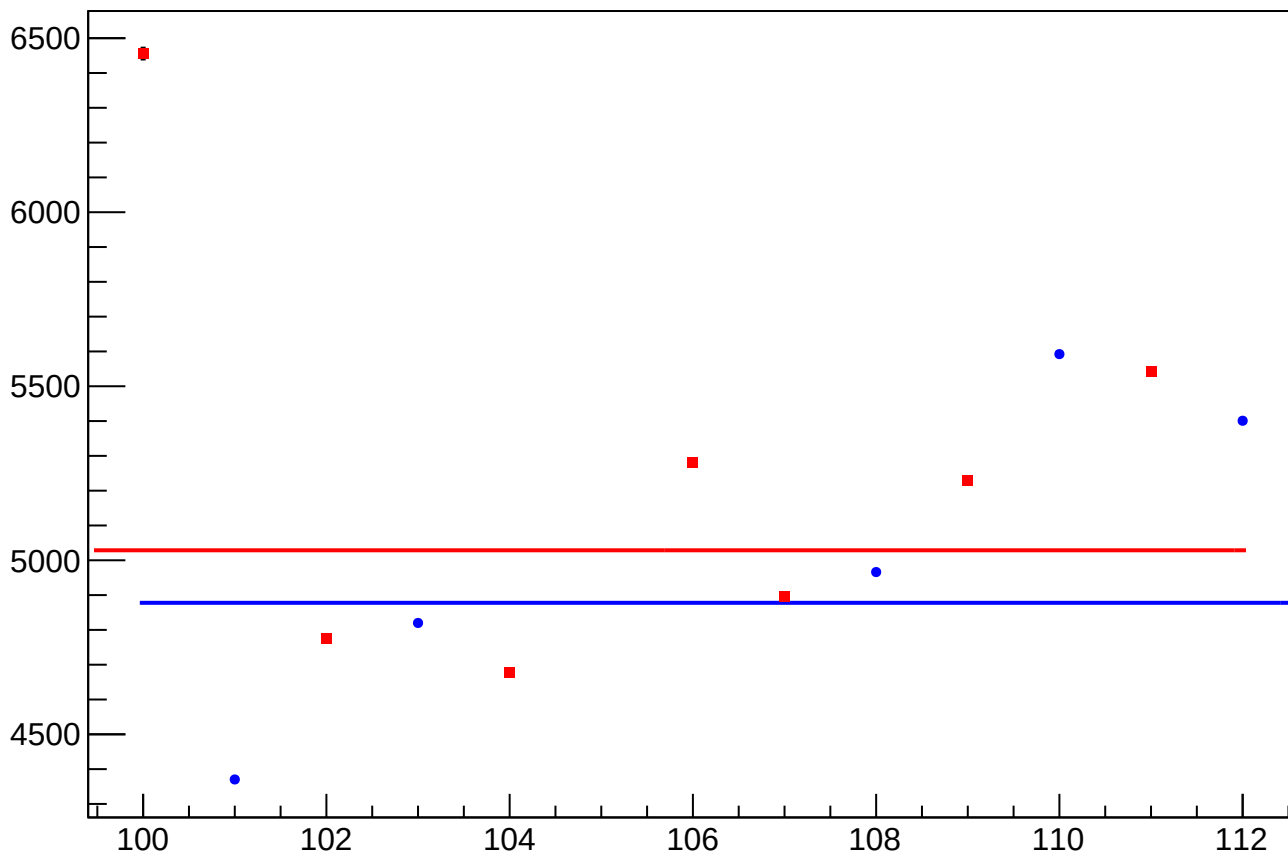
Right: 558.849 ± 2154.763 χ^2/NDF : 7.8/11

In: -300.309 ± 3078.655 χ^2/NDF : 3.6/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 558.849 ± 2154.763 χ^2/NDF : 7.8/11

asym_sam2_dit_correction_rms vs Slug, Sign Corrected



Right In: 4877.824+/-2.177 χ^2/NDF : 39737.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5028.716+/-2.133 χ^2/NDF : 27611.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

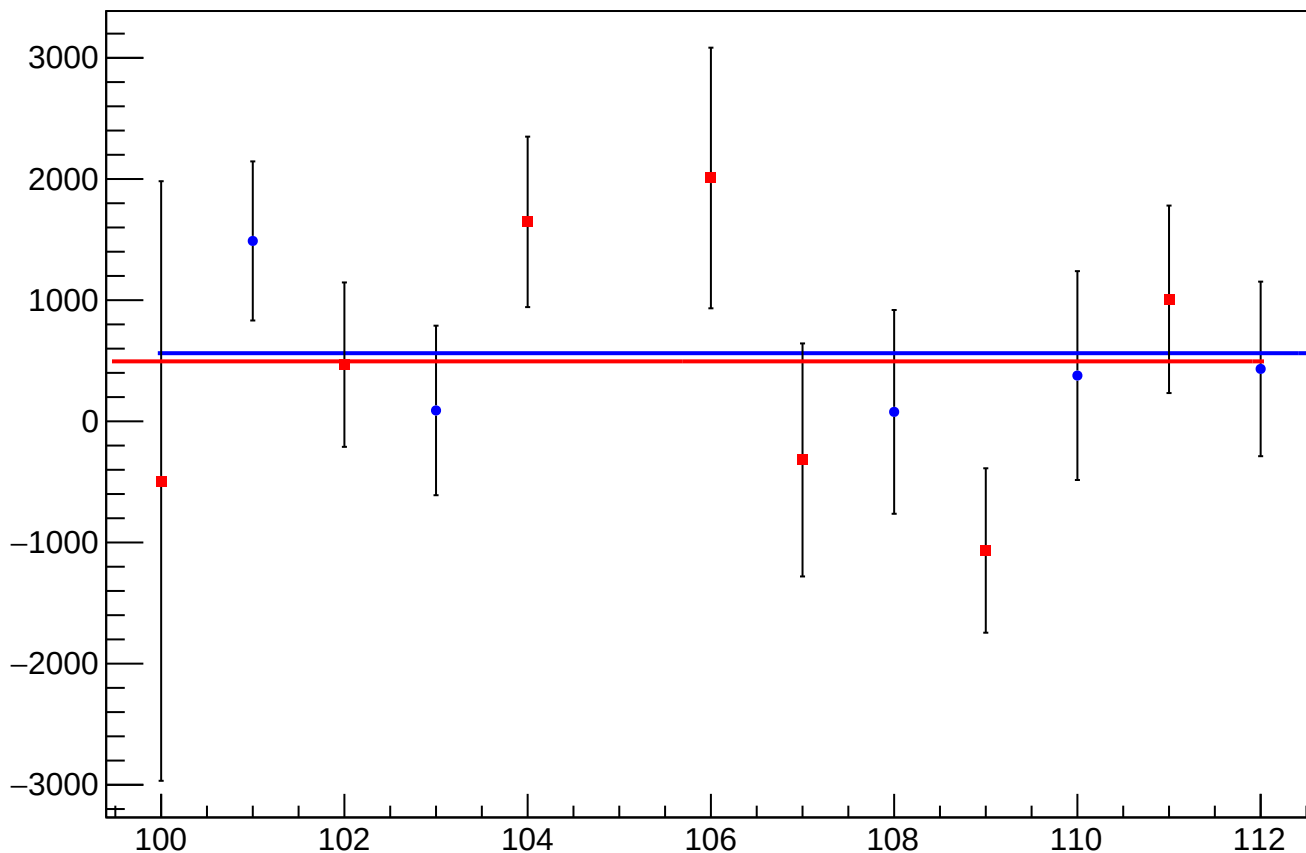
Right: 4954.800+/-1.524 χ^2/NDF : 69800.2/11

In: 4877.824+/-2.177 χ^2/NDF : 39737.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4954.800+/-1.524 χ^2/NDF : 69800.2/11

eigen_dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 562.378+/-332.422 χ^2/NDF : 2.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 494.917+/-313.966 χ^2/NDF : 11.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

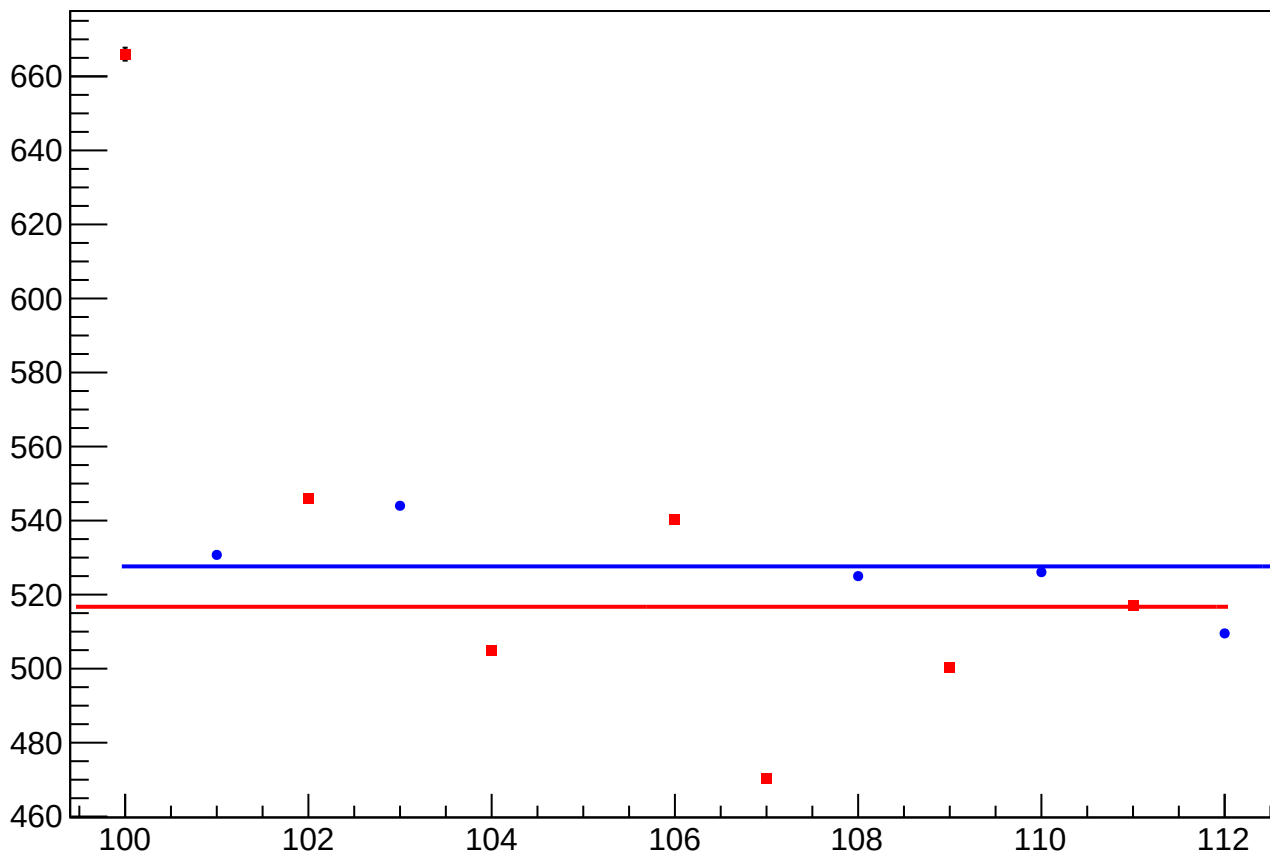
Right: 526.723+/-228.253 χ^2/NDF : 14.1/11

In: 562.378+/-332.422 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 526.723+/-228.253 χ^2/NDF : 14.1/11

eigen_dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 527.623+/-0.235 χ^2/NDF : 2429.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 516.718+/-0.222 χ^2/NDF : 18341.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

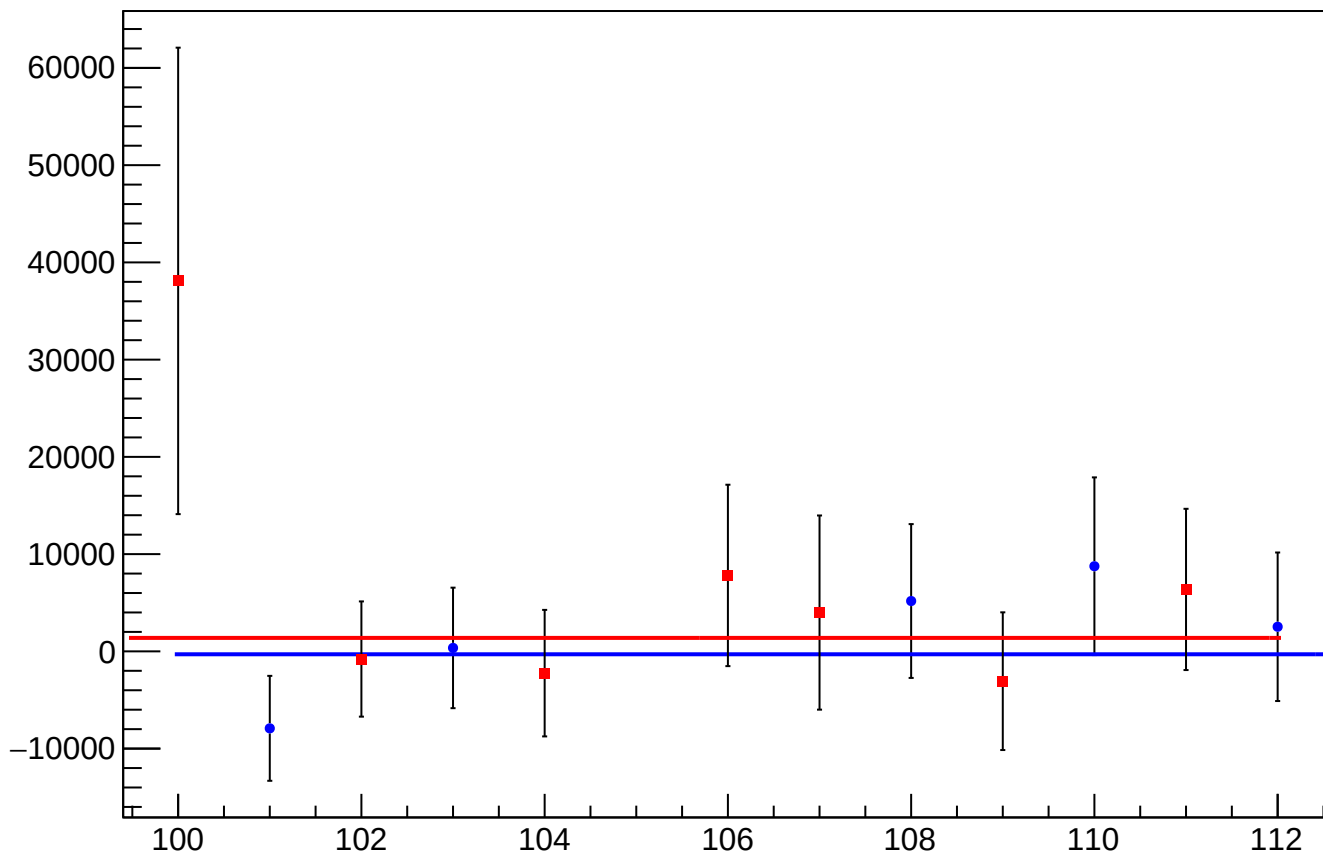
Right: 521.859+/-0.161 χ^2/NDF : 21908.7/11

In: 527.623+/-0.235 χ^2/NDF : 2429.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 521.859+/-0.161 χ^2/NDF : 21908.7/11

asym_sam2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -300.310 ± 3078.646 χ^2/NDF : 3.6/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1383.867 ± 3016.864 χ^2/NDF : 4.1/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

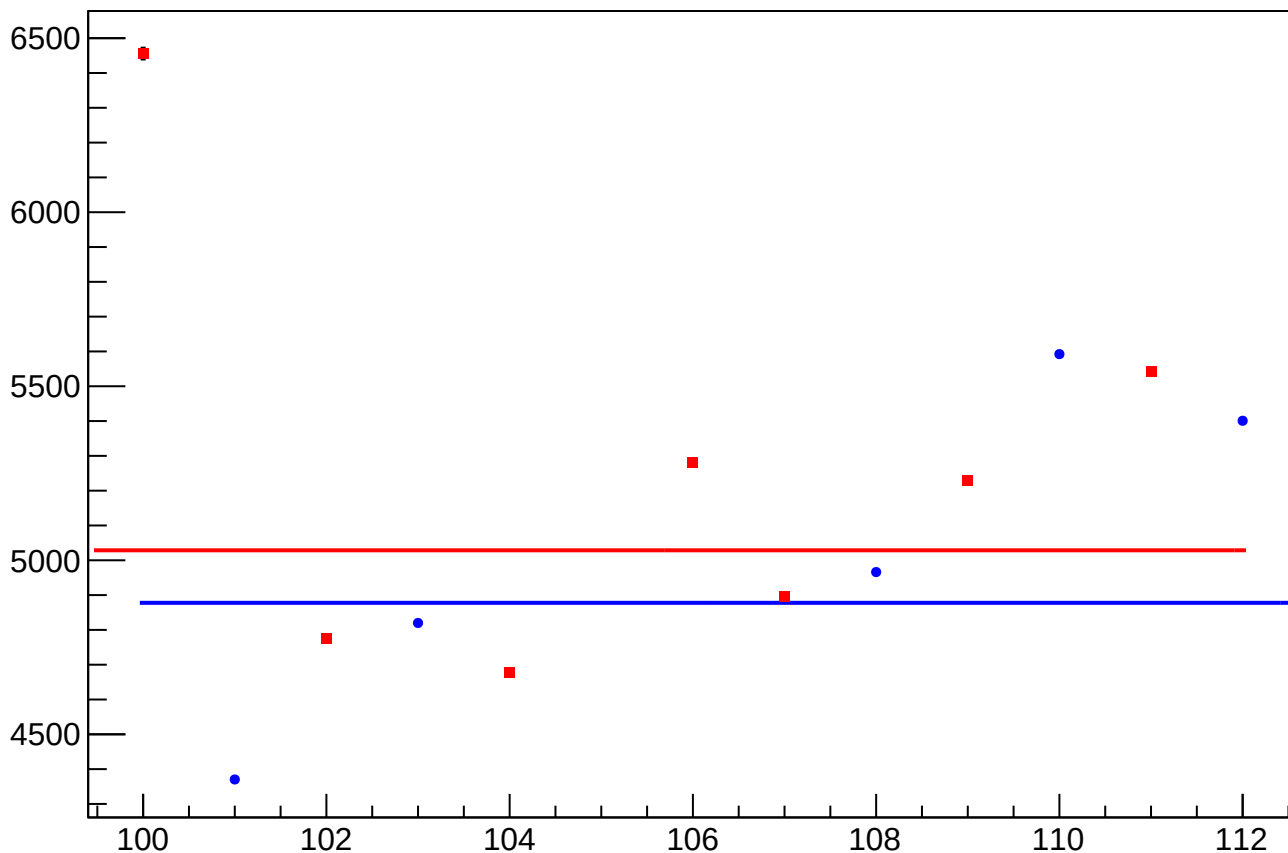
Right: 558.847 ± 2154.756 χ^2/NDF : 7.8/11

In: -300.310 ± 3078.646 χ^2/NDF : 3.6/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 558.847 ± 2154.756 χ^2/NDF : 7.8/11

asym_sam2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4877.811+/-2.177 χ^2/NDF : 39736.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5028.702+/-2.133 χ^2/NDF : 27611.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

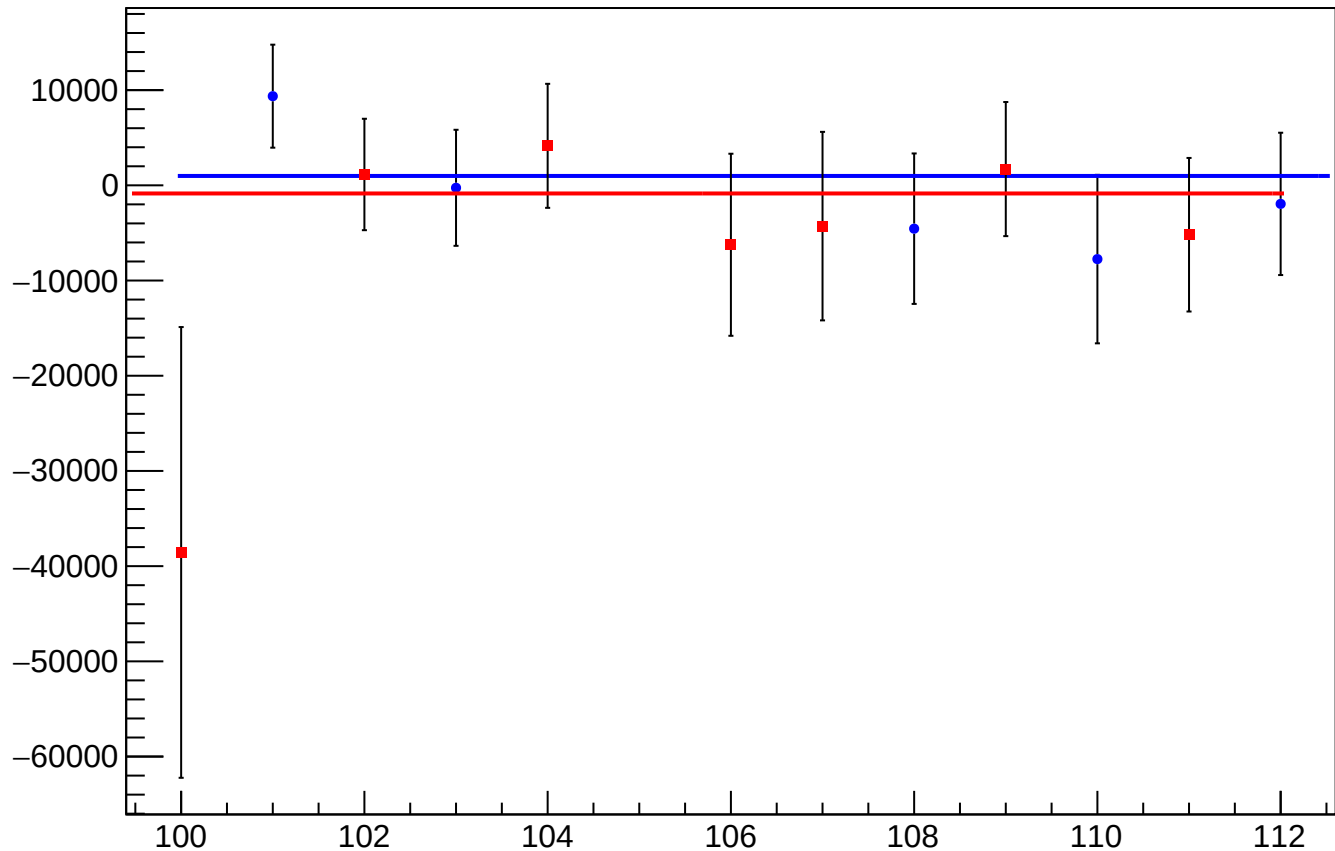
Right: 4954.786+/-1.524 χ^2/NDF : 69798.5/11

In: 4877.811+/-2.177 χ^2/NDF : 39736.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4954.786+/-1.524 χ^2/NDF : 69798.5/11

asym_sam2_mean vs Slug, Sign Corrected



Right In: 985.289+/-3045.999 χ^2/NDF : 4.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -854.663+/-2998.282 χ^2/NDF : 4.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

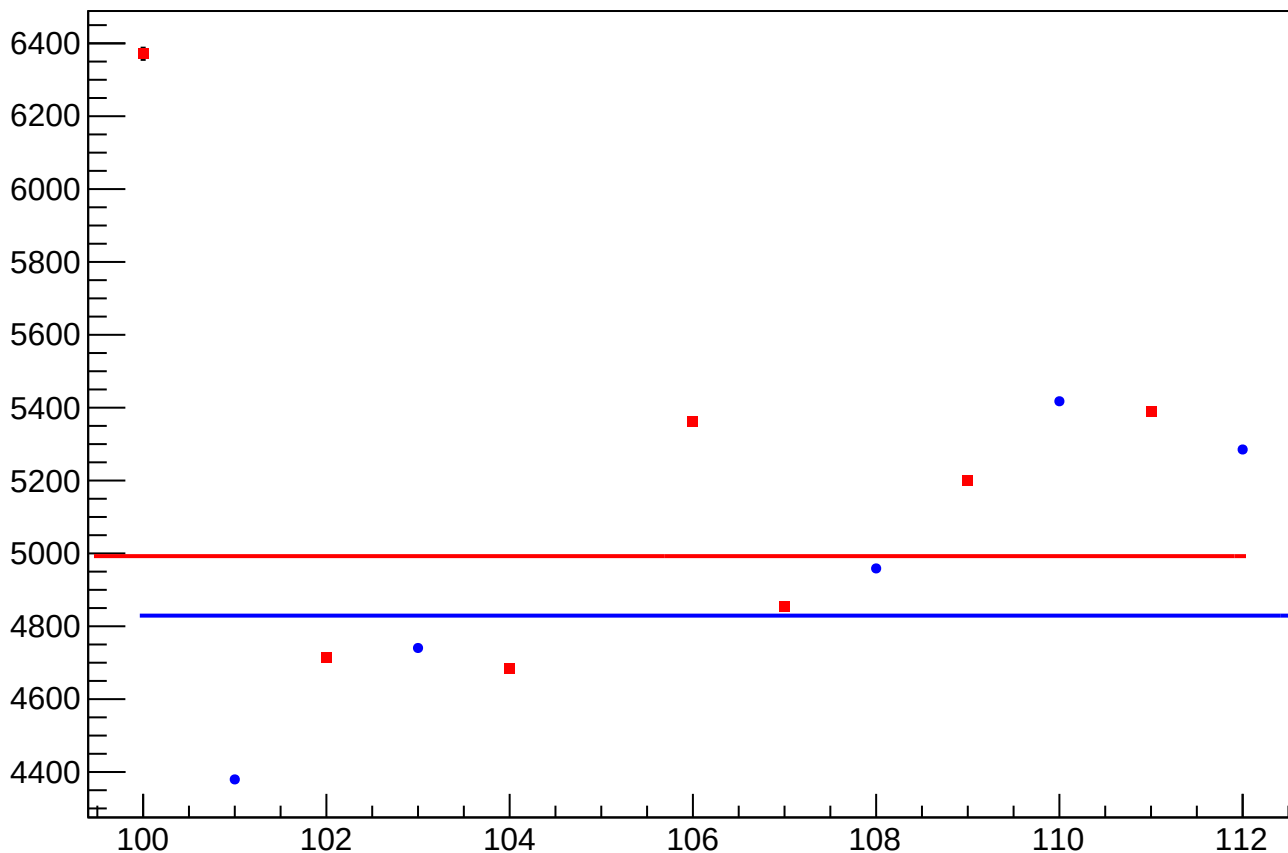
Right: 50.788+/-2136.776 χ^2/NDF : 8.3/11

In: 985.289+/-3045.999 χ^2/NDF : 4.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.788+/-2136.776 χ^2/NDF : 8.3/11

asym_sam2_rms vs Slug, Sign Corrected



Right In: 4829.228+/-2.154 χ^2/NDF : 31059.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4992.527+/-2.120 χ^2/NDF : 25769.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

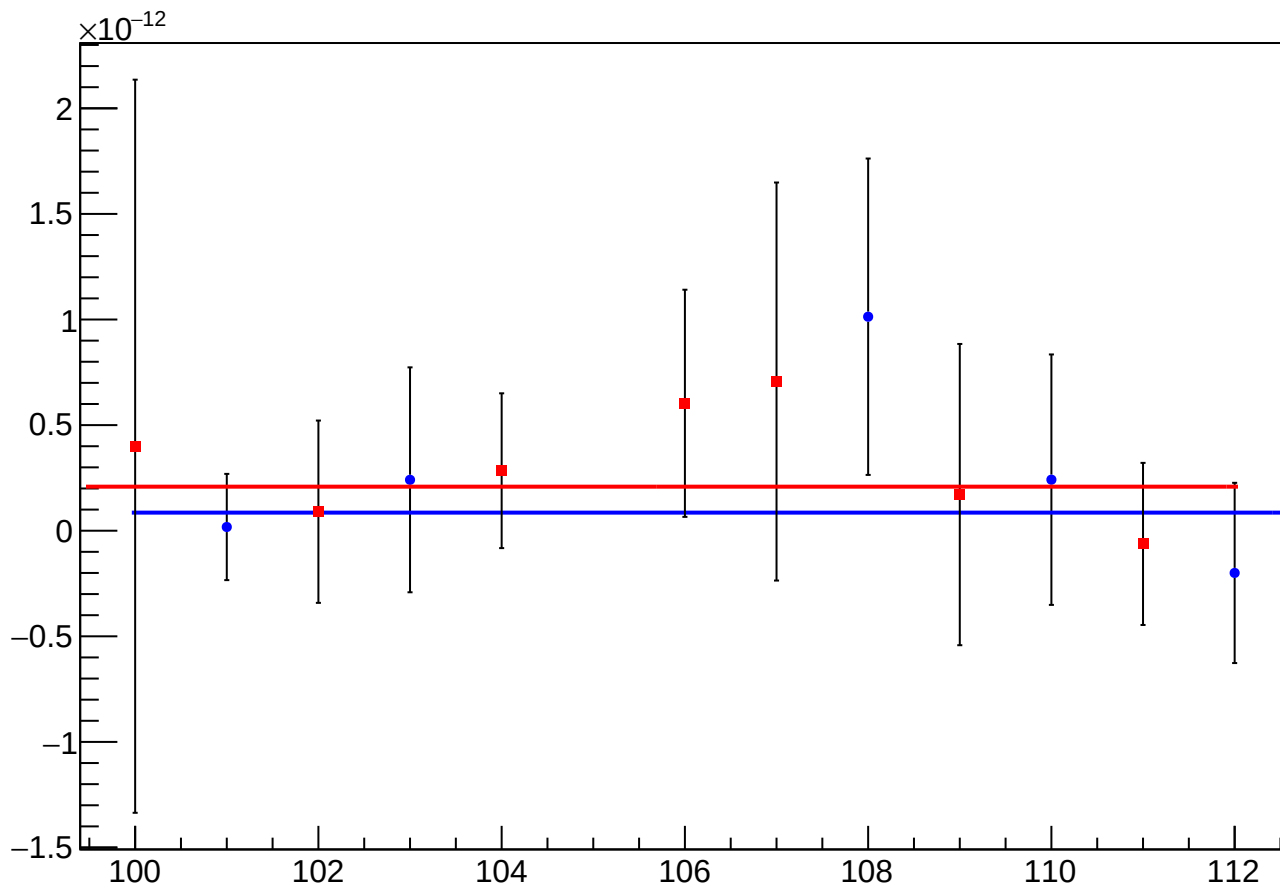
Right: 4912.167+/-1.511 χ^2/NDF : 59748.3/11

In: 4829.228+/-2.154 χ^2/NDF : 31059.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4912.167+/-1.511 χ^2/NDF : 59748.3/11

asym_sam2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

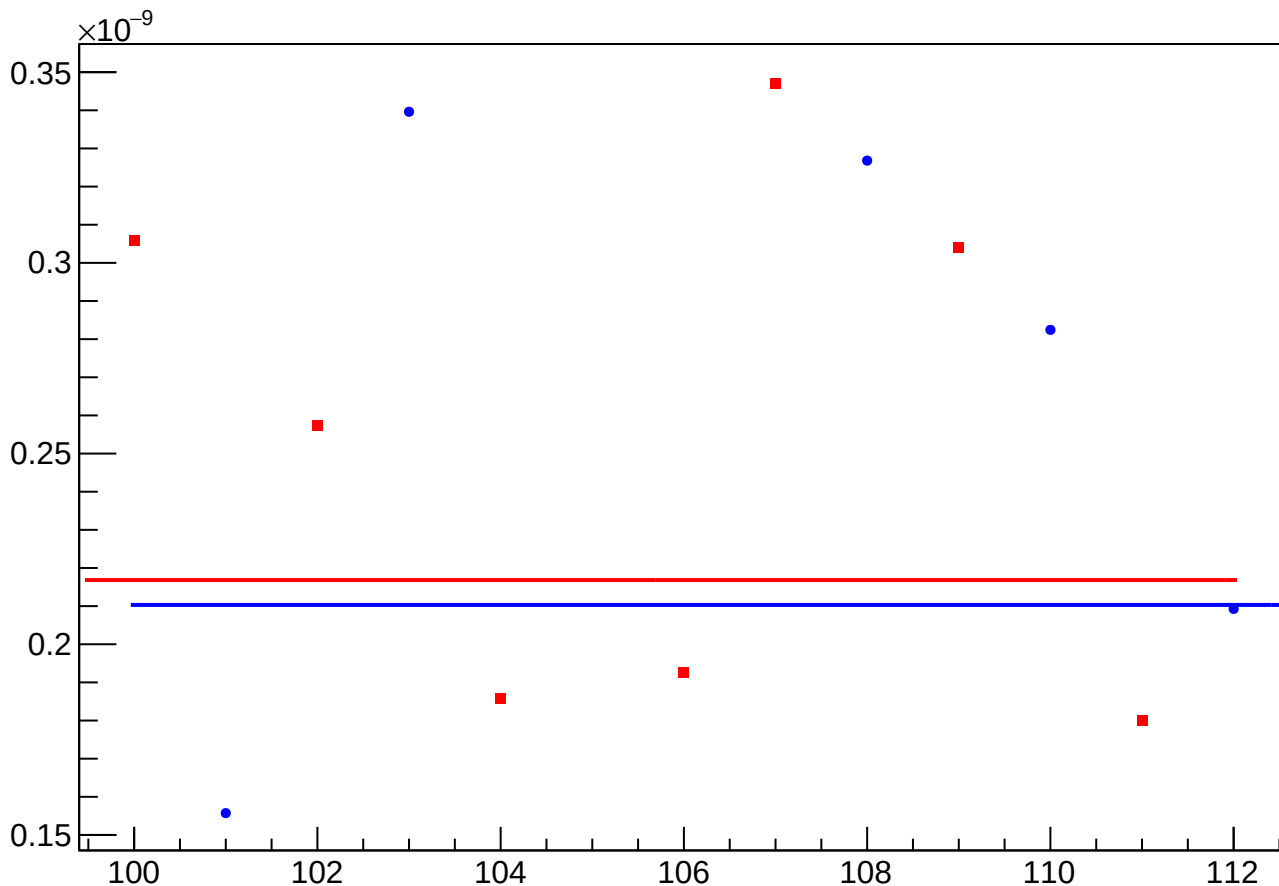
Right: 0.000+/-0.000 χ^2/NDF : 3.9/11

In: 0.000+/-0.000 χ^2/NDF : 2.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.9/11

asym_sam2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 290135.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 127672.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

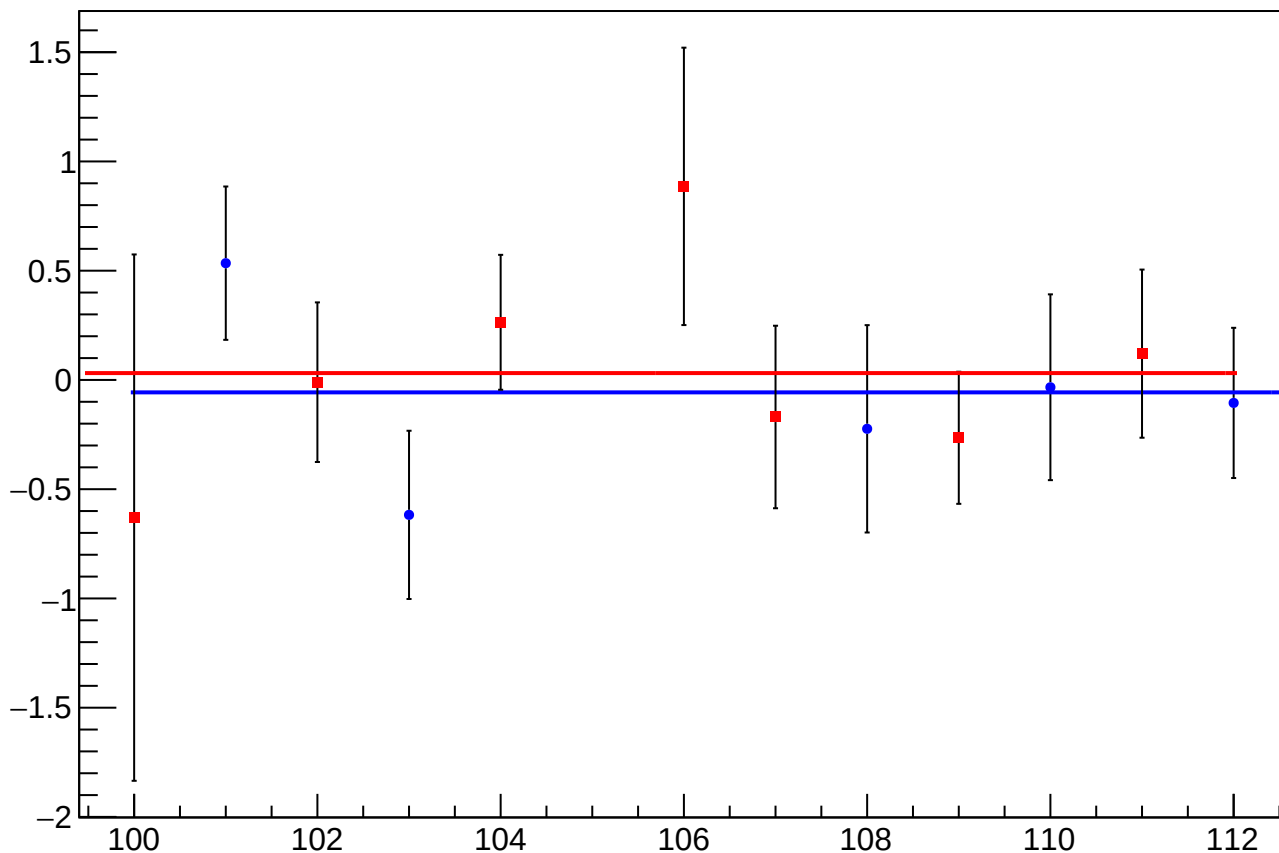
Right: 0.000+/-0.000 χ^2/NDF : 418994.0/11

In: 0.000+/-0.000 χ^2/NDF : 290135.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 418994.0/11

asym_sam2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.057+/-0.173 χ^2/NDF : 5.1/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.031+/-0.150 χ^2/NDF : 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

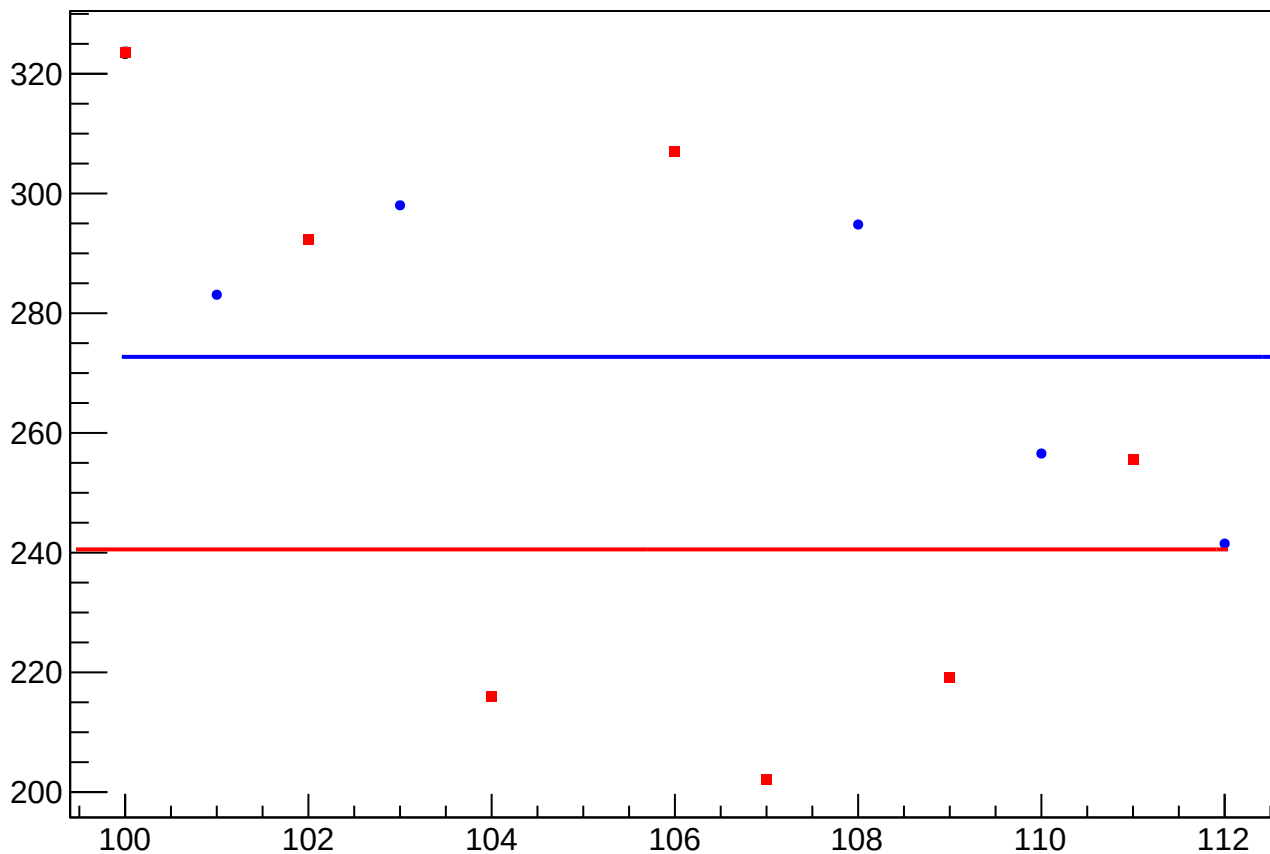
Right: -0.006+/-0.113 χ^2/NDF : 9.2/11

In: -0.057+/-0.173 χ^2/NDF :5.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.006+/-0.113 χ^2/NDF : 9.2/11

asym_sam2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 272.708+/-0.123 χ^2/NDF : 34097.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 240.543+/-0.106 χ^2/NDF : 114112.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

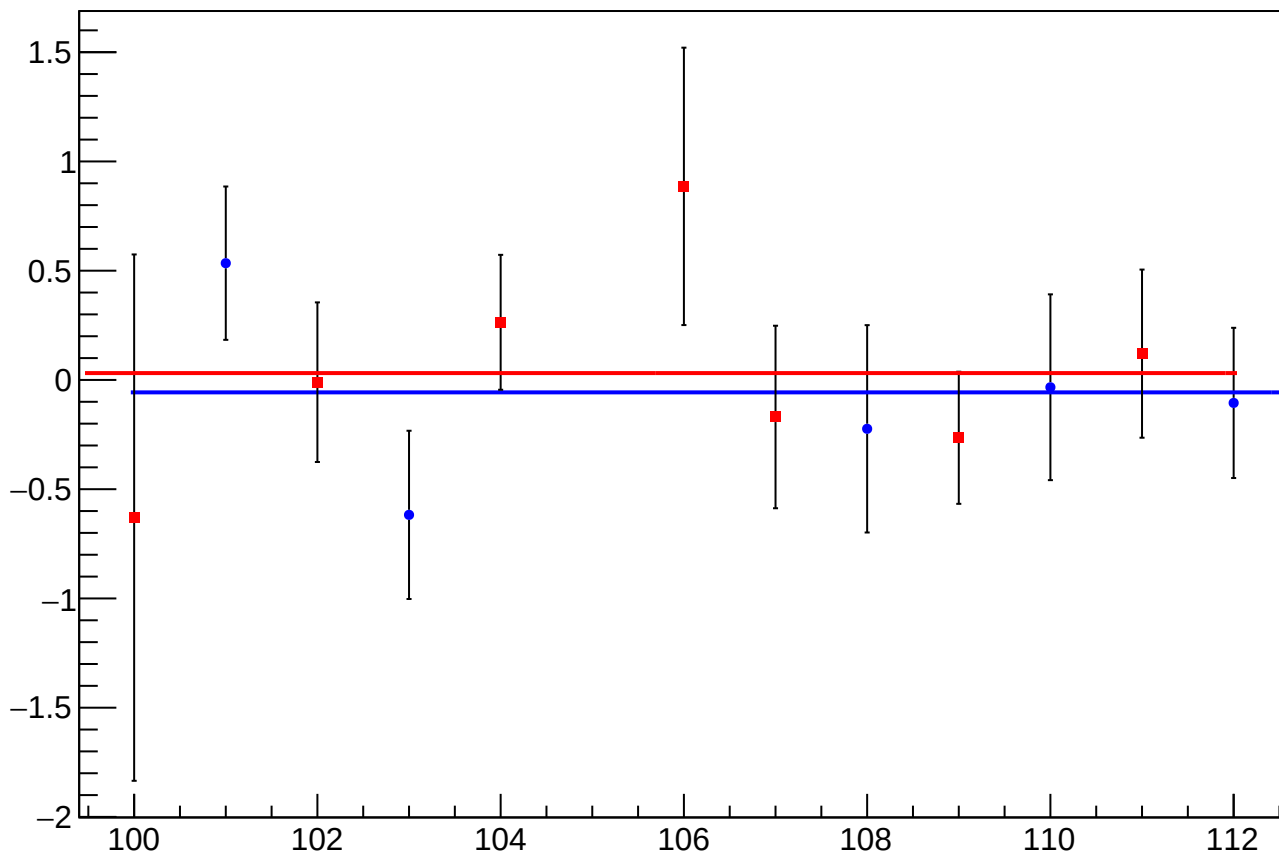
Right: 254.296+/-0.080 χ^2/NDF : 187656.8/11

In: 272.708+/-0.123 χ^2/NDF : 34097.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 254.296+/-0.080 χ^2/NDF : 187656.8/11

asym_sam2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.057+/-0.173 χ^2/NDF : 5.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.031+/-0.150 χ^2/NDF : 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

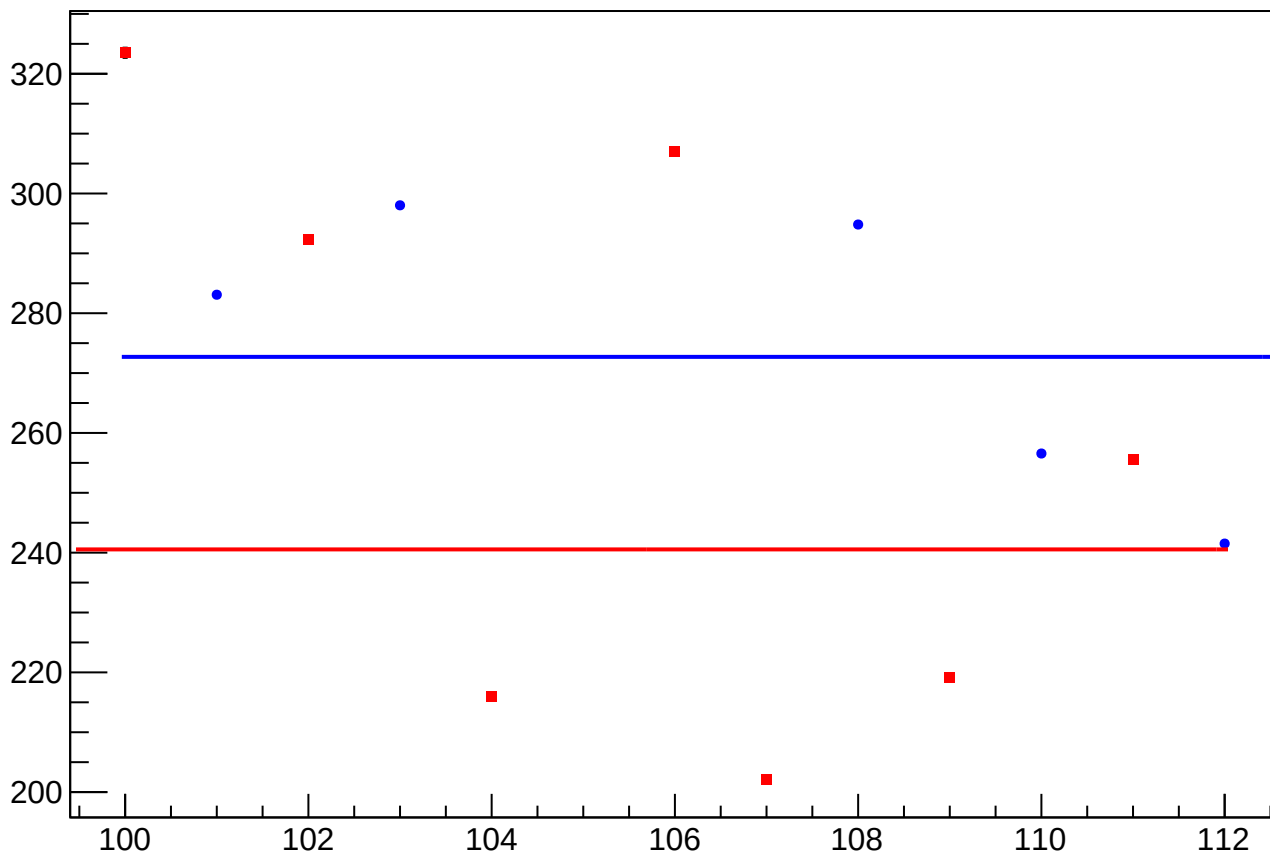
Right: -0.006+/-0.113 χ^2/NDF : 9.2/11

In: -0.057+/-0.173 χ^2/NDF : 5.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.113 χ^2/NDF : 9.2/11

asym_sam2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 272.708 $\pm$ 0.123 χ^2 /NDF: 34097.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 240.543 $\pm$ 0.106 χ^2 /NDF: 114112.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

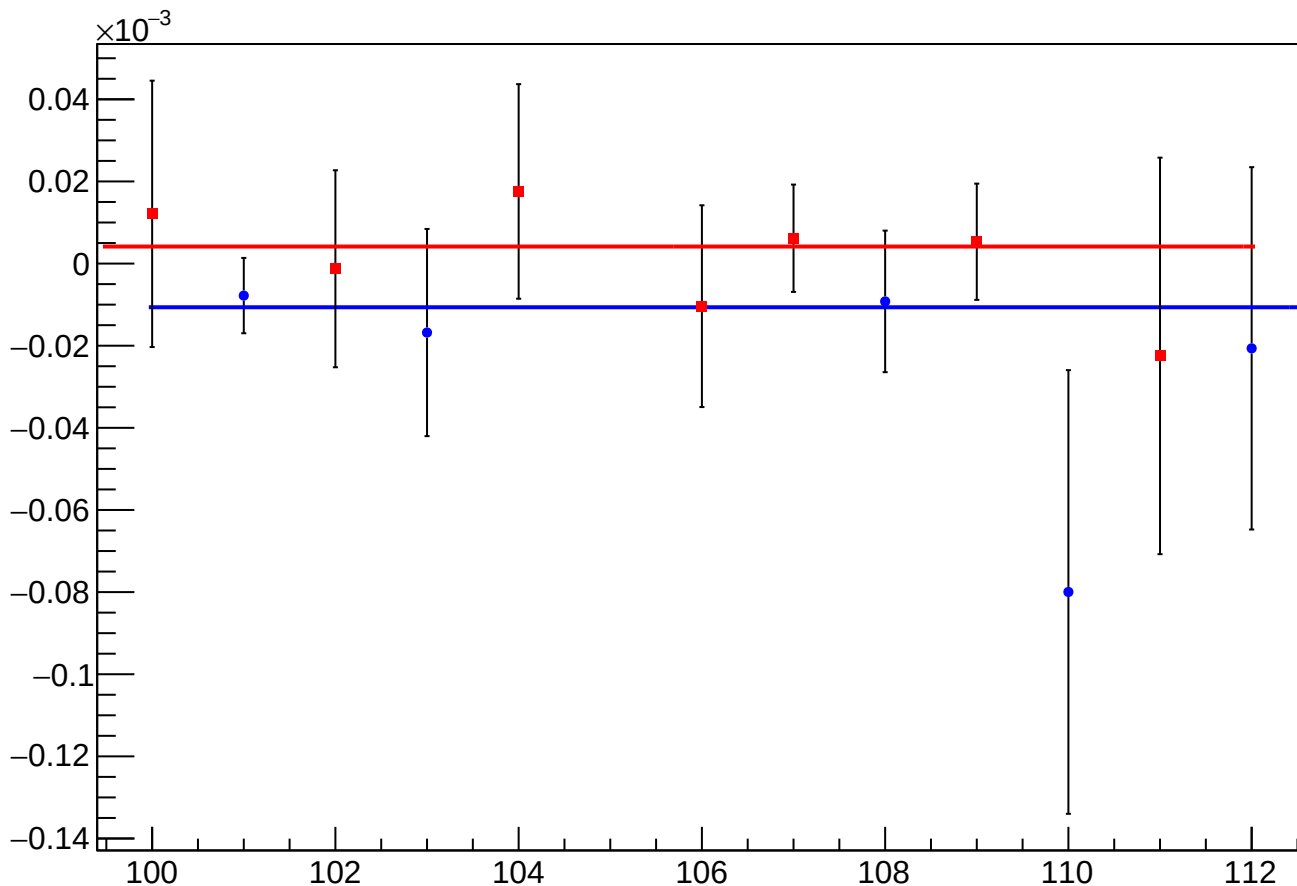
Right: 254.296 $\pm$ 0.080 χ^2 /NDF: 187656.8/11

In: 272.708 $\pm$ 0.123 χ^2 /NDF:34097.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 254.296 $\pm$ 0.080 χ^2 /NDF: 187656.8/11

asym_sam2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 1.9/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 1.1/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

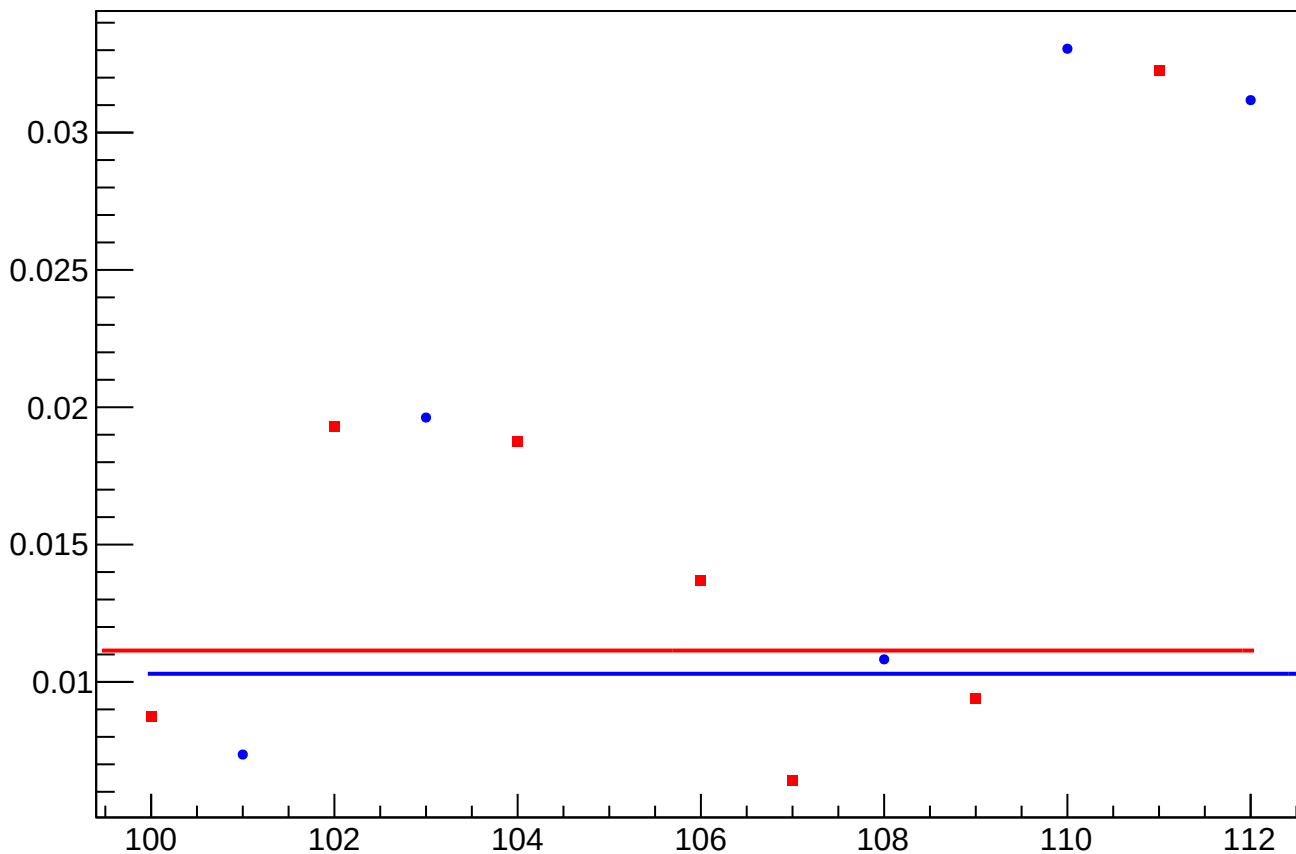
Right: -0.000 ± 0.000 χ^2/NDF : 4.8/11

In: -0.000 ± 0.000 χ^2/NDF : 1.9/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 4.8/11

asym_sam2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 1284051.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 1109742.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

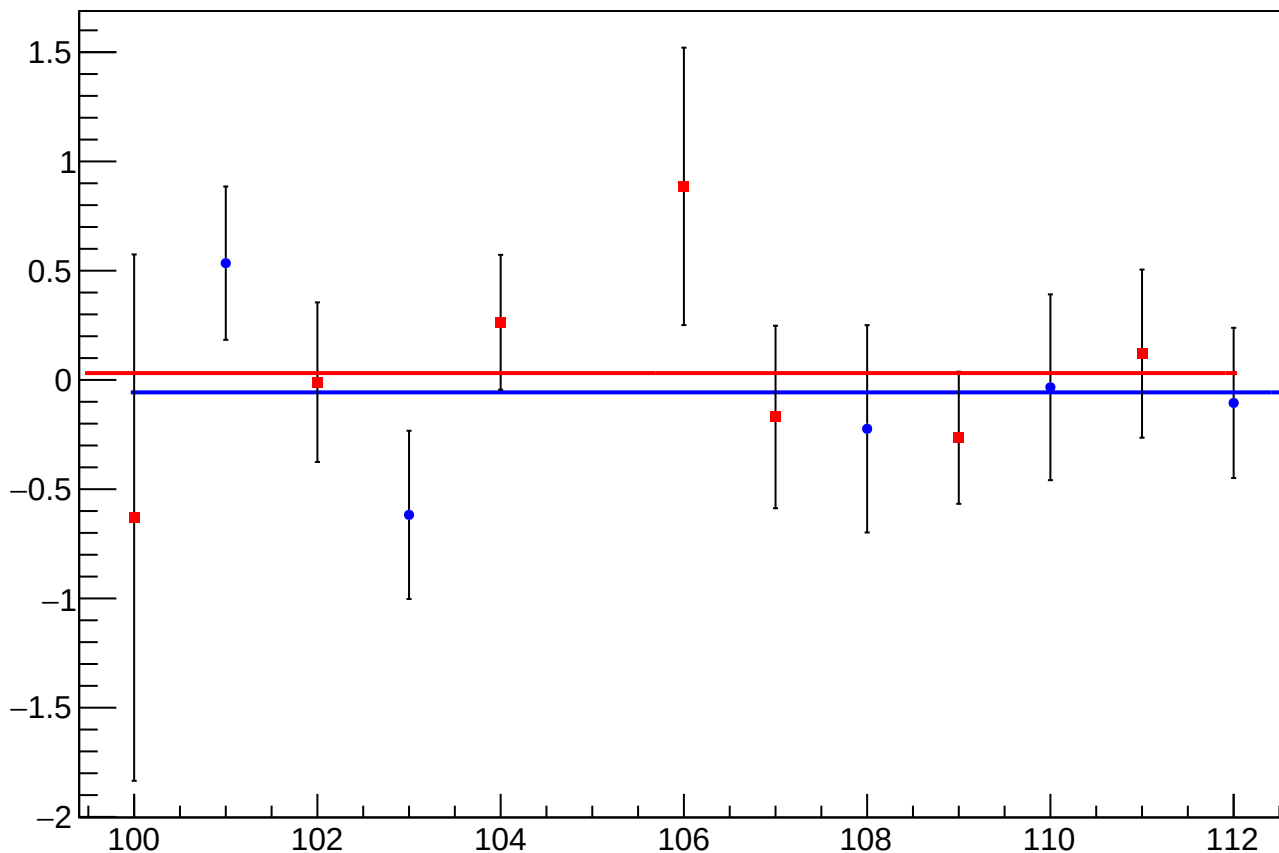
Right: 0.011+/-0.000 χ^2/NDF : 2406219.4/11

In: 0.010+/-0.000 χ^2/NDF : 1284051.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 2406219.4/11

asym_sam2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.057+/-0.173 χ^2/NDF : 5.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.031+/-0.150 χ^2/NDF : 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

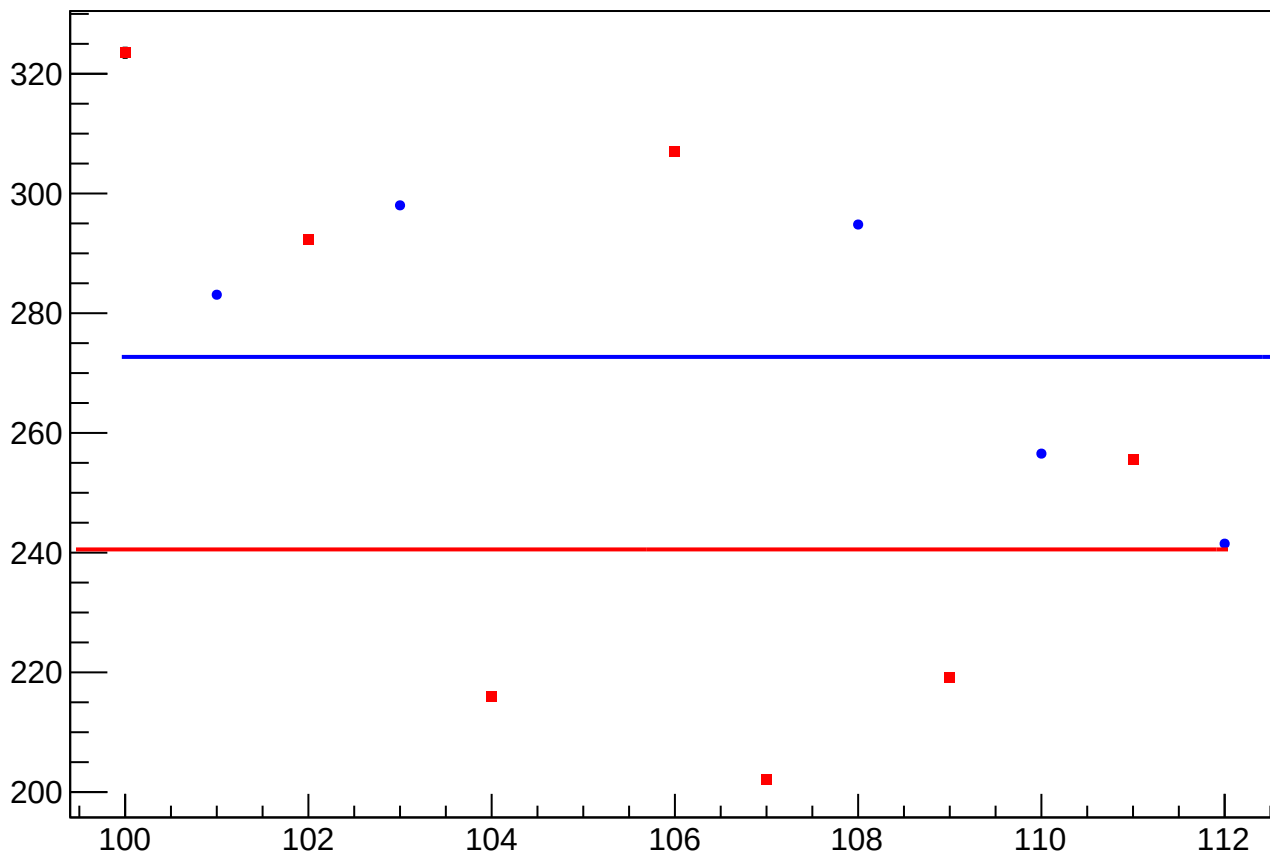
Right: -0.006+/-0.113 χ^2/NDF : 9.2/11

In: -0.057+/-0.173 χ^2/NDF : 5.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.113 χ^2/NDF : 9.2/11

asym_sam2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 272.700+/-0.123 χ^2/NDF : 34115.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 240.538+/-0.106 χ^2/NDF : 114107.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

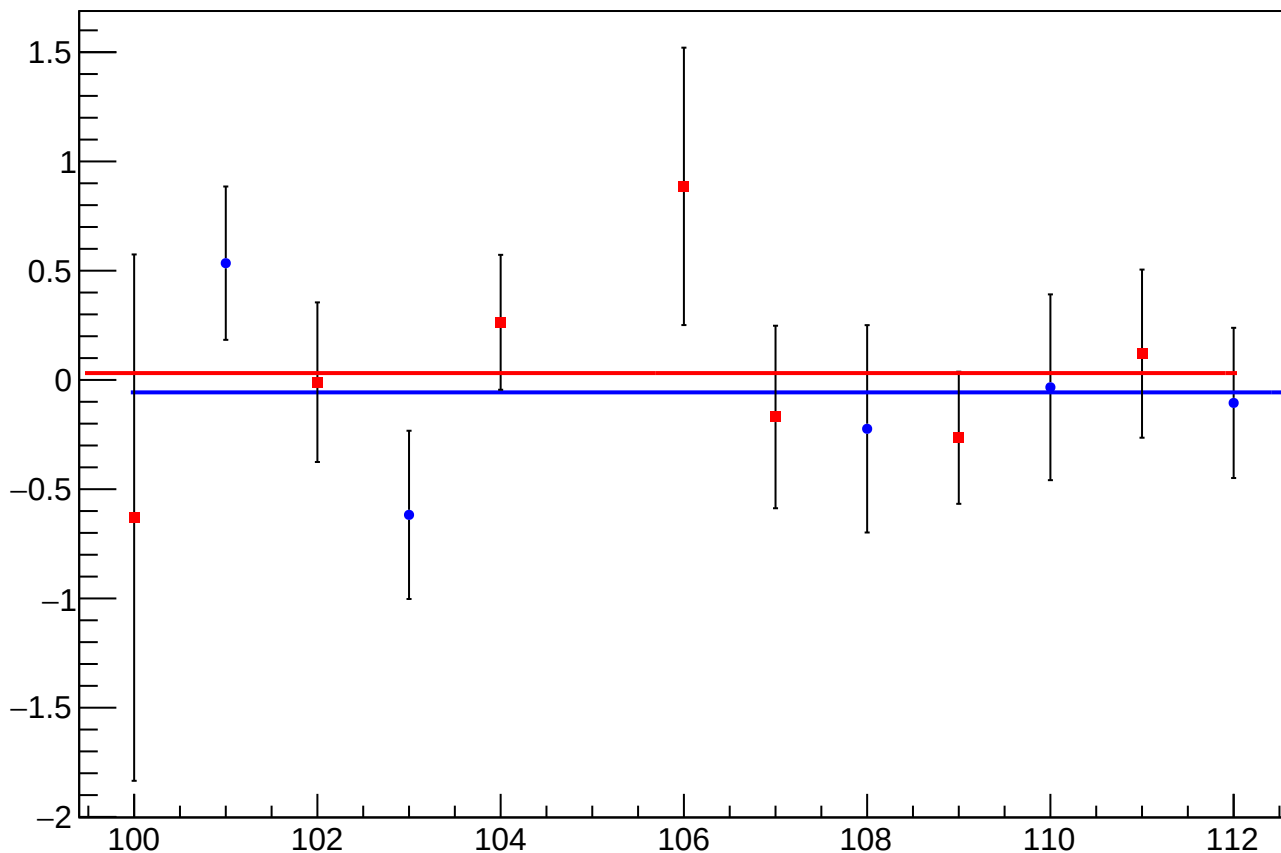
Right: 254.290+/-0.080 χ^2/NDF : 187663.7/11

In: 272.700+/-0.123 χ^2/NDF : 34115.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 254.290+/-0.080 χ^2/NDF : 187663.7/11

asym_sam2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.057+/-0.173 χ^2/NDF : 5.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.031+/-0.150 χ^2/NDF : 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

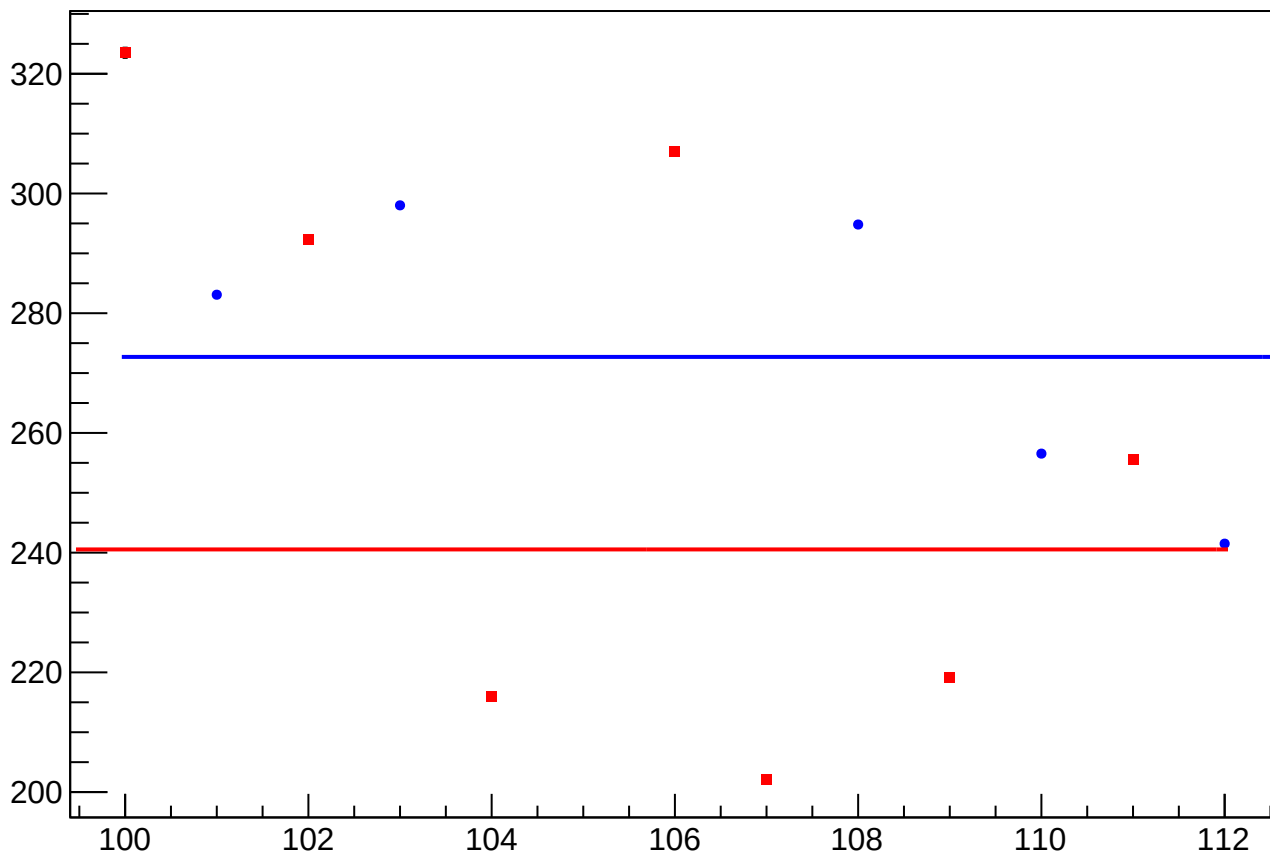
Right: -0.006+/-0.113 χ^2/NDF : 9.2/11

In: -0.057+/-0.173 χ^2/NDF : 5.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.113 χ^2/NDF : 9.2/11

asym_sam2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 272.700+/-0.123 χ^2/NDF : 34115.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 240.538+/-0.106 χ^2/NDF : 114107.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

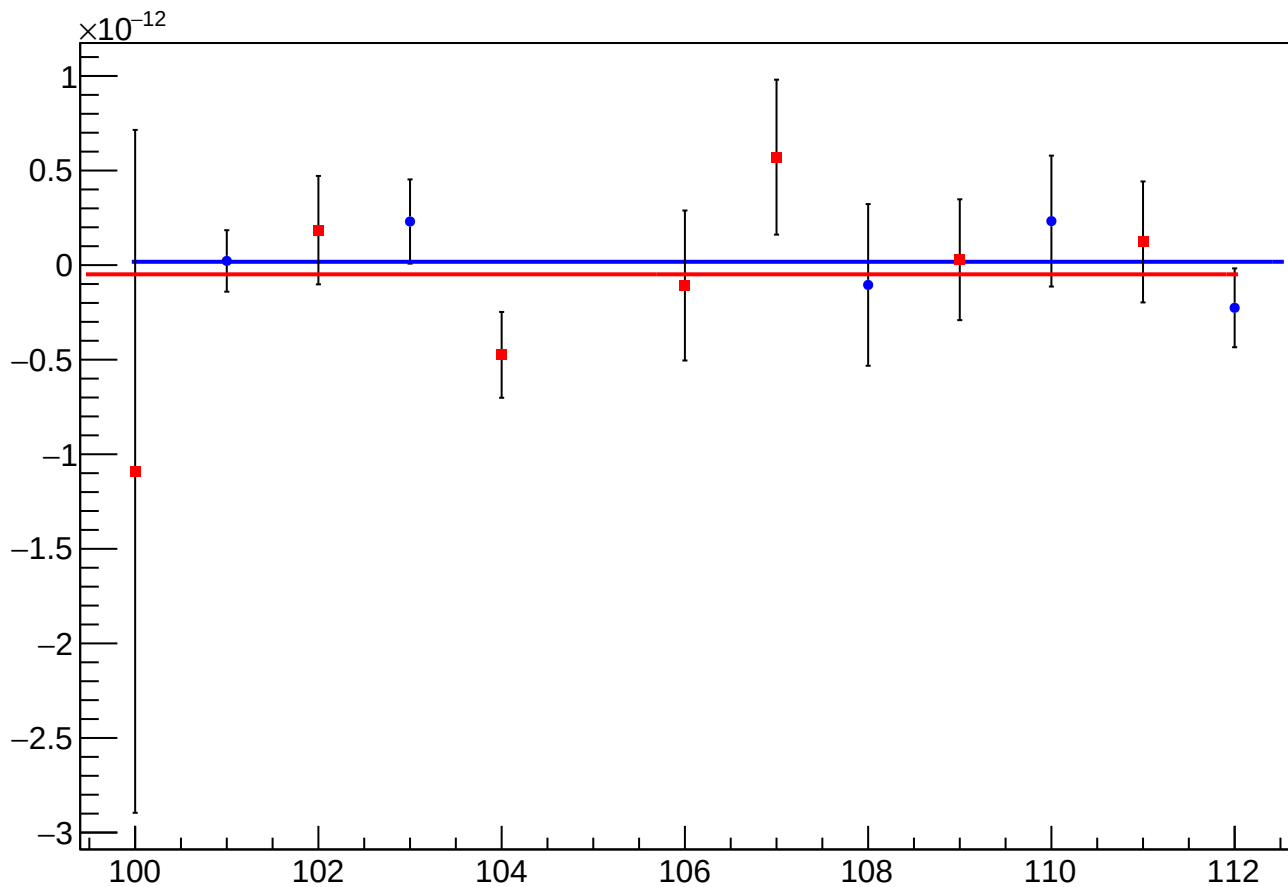
Right: 254.290+/-0.080 χ^2/NDF : 187663.7/11

In: 272.700+/-0.123 χ^2/NDF : 34115.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 254.290+/-0.080 χ^2/NDF : 187663.7/11

asym_sam2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

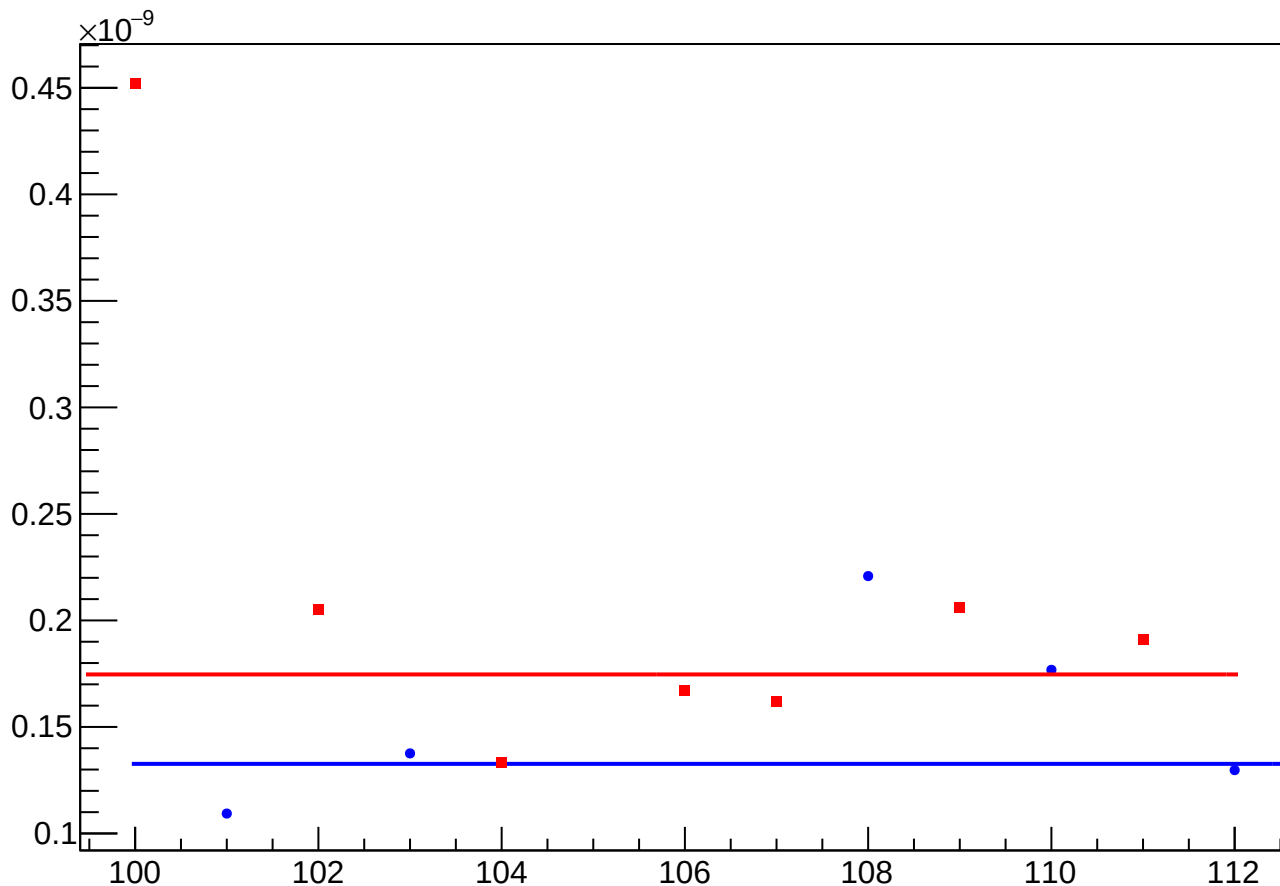
Right: -0.000+/-0.000 χ^2/NDF : 10.1/11

In: 0.000+/-0.000 χ^2/NDF : 2.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.1/11

asym_sam2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 160146.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 163120.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

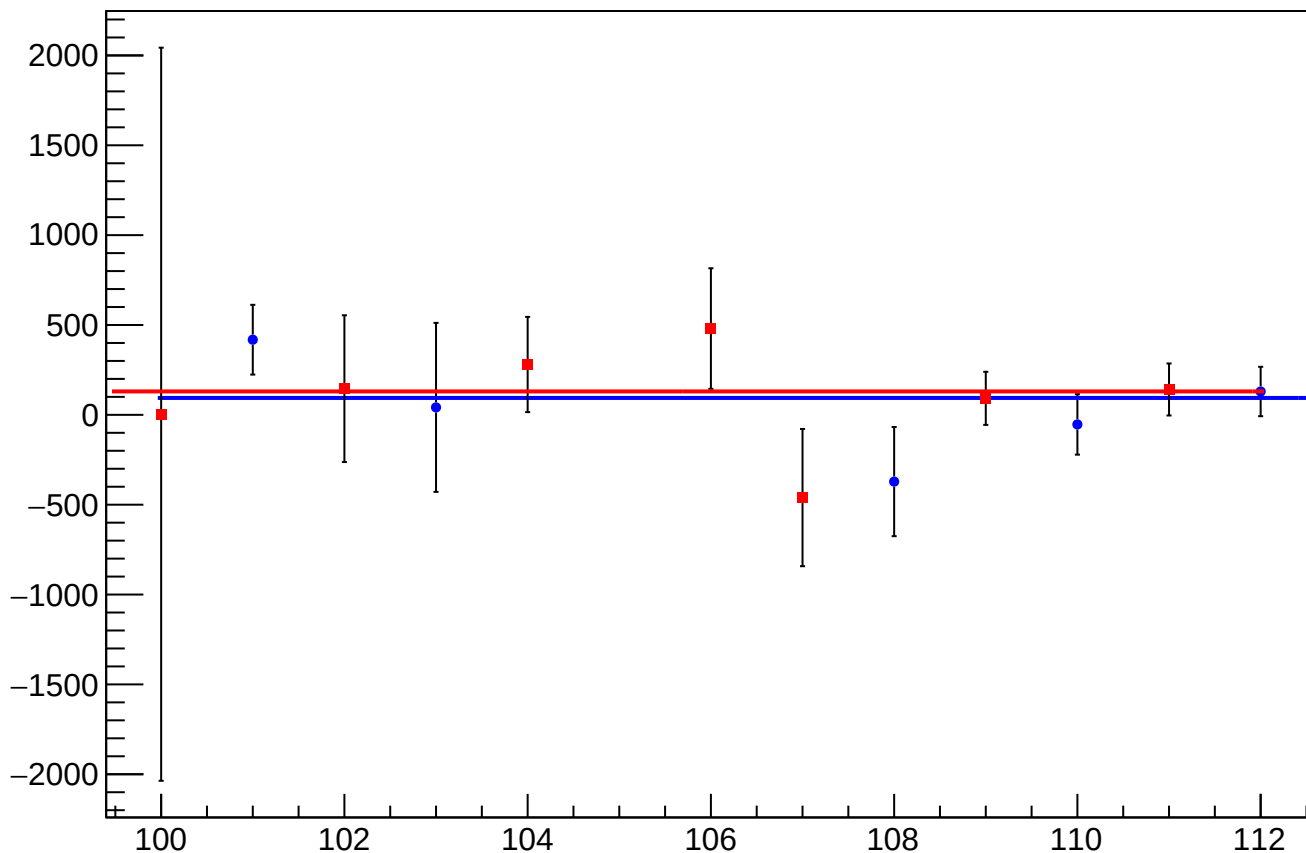
Right: 0.000+/-0.000 χ^2/NDF : 457698.9/11

In: 0.000+/-0.000 χ^2/NDF : 160146.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 457698.9/11

reg_asym_sam3_mean vs Slug, Sign Corrected



Right In: 94.085+/-87.654 χ^2/NDF : 6.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.385+/-87.795 χ^2/NDF : 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

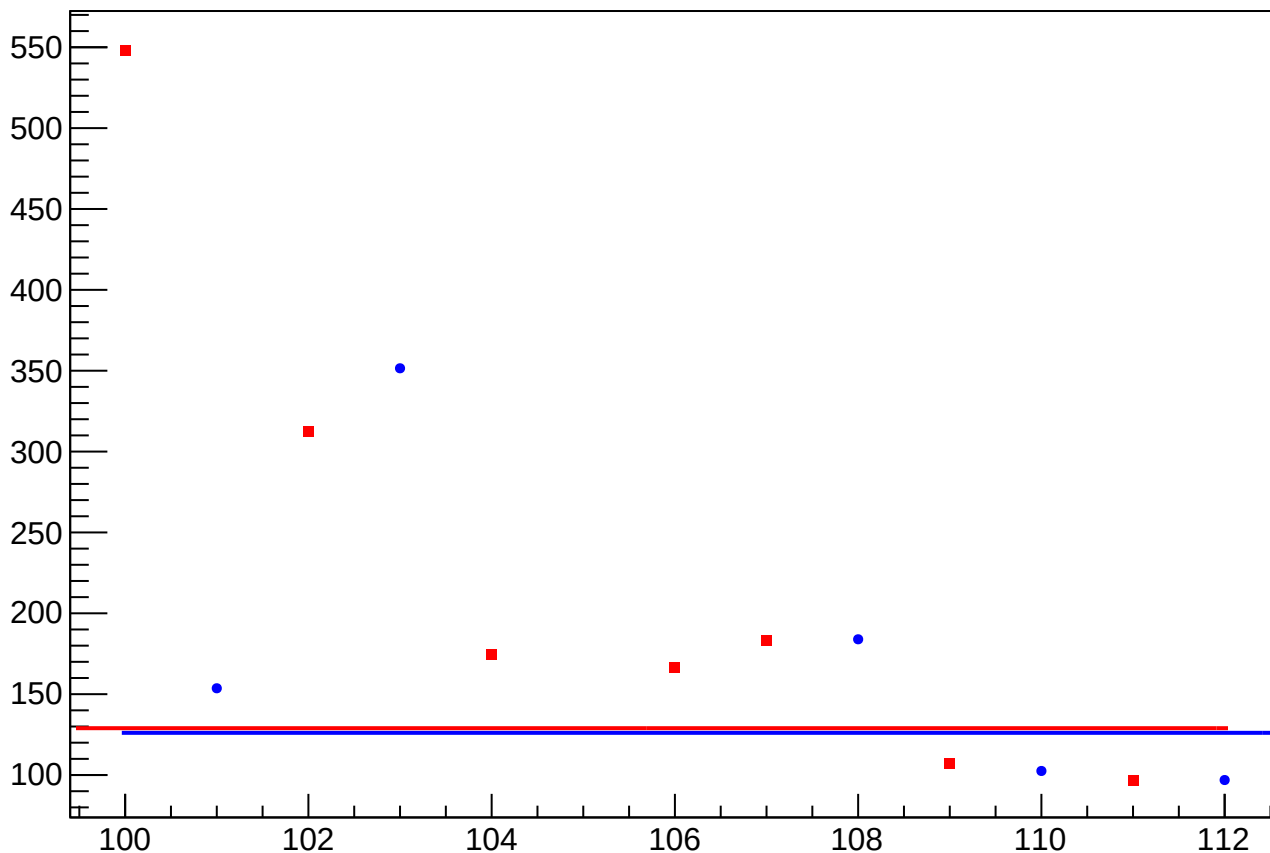
Right: 112.206+/-62.030 χ^2/NDF : 9.9/11

In: 94.085+/-87.654 χ^2/NDF : 6.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.206+/-62.030 χ^2/NDF : 9.9/11

reg_asym_sam3_rms vs Slug, Sign Corrected



Right In: 126.100+/-0.062 χ^2/NDF : 701978.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.966+/-0.062 χ^2/NDF : 757161.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

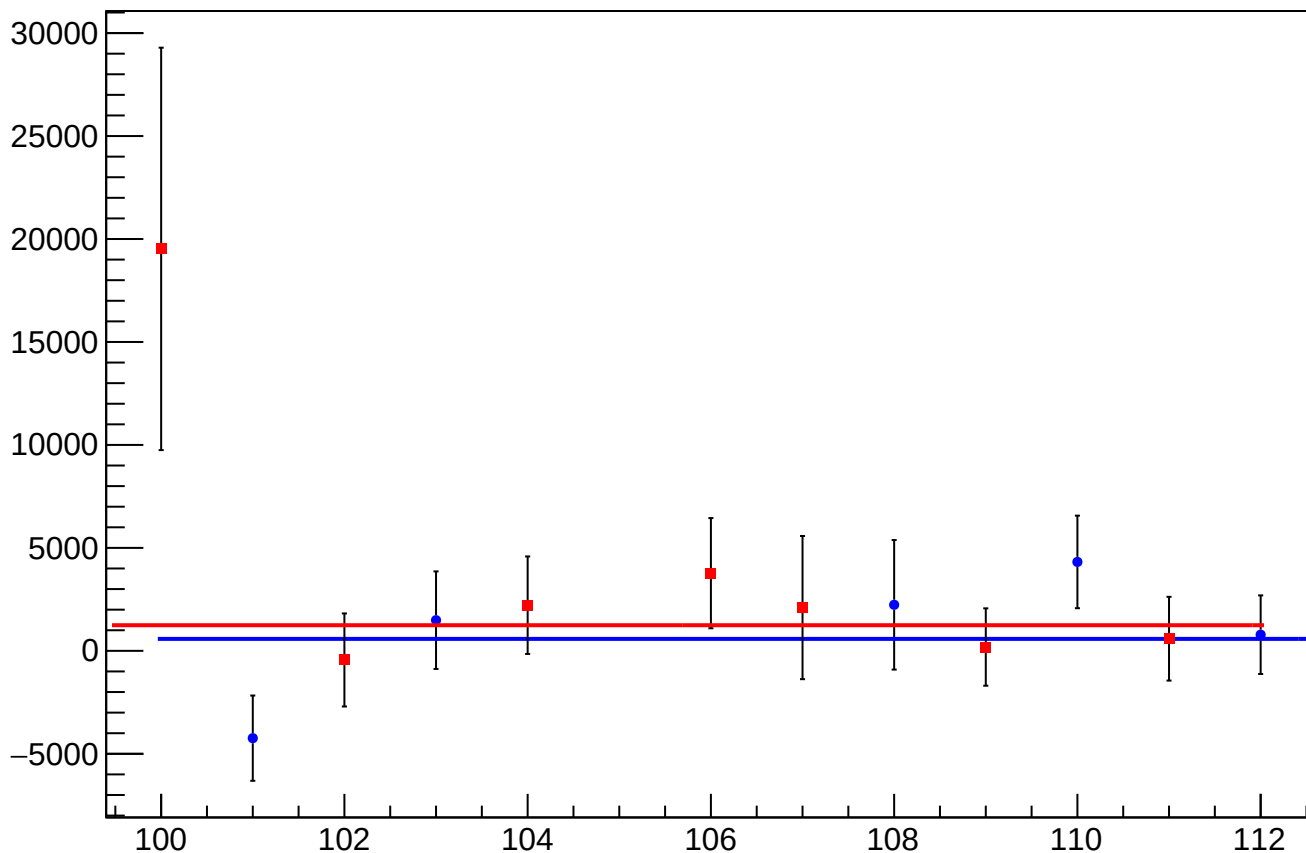
Right: 127.531+/-0.044 χ^2/NDF : 1460206.6/11

In: 126.100+/-0.062 χ^2/NDF : 701978.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.531+/-0.044 χ^2/NDF : 1460206.6/11

asym_sam3_reg_correction_mean vs Slug, Sign Corrected



Right In: 581.250+/-1007.648 χ^2/NDF : 8.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1244.703+/-939.758 χ^2/NDF : 5.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

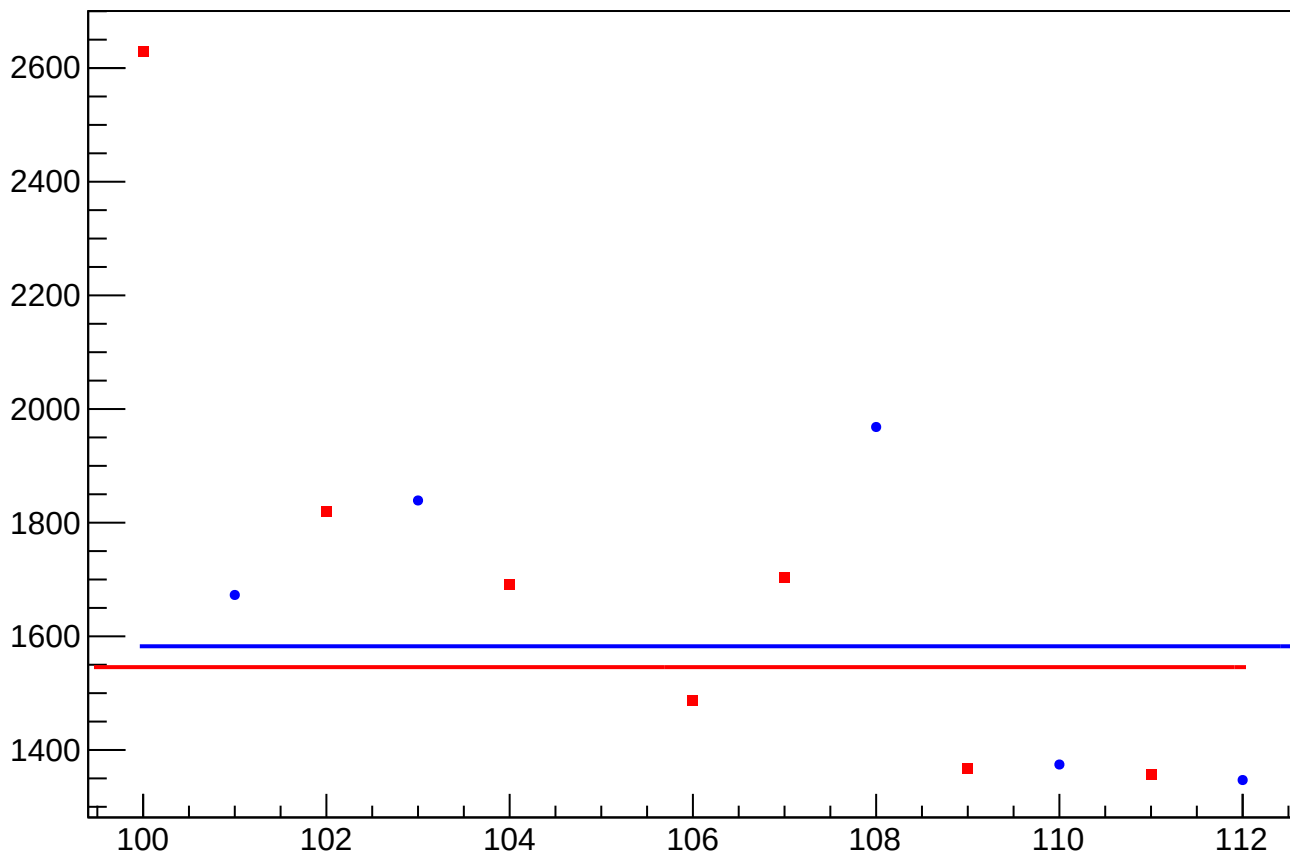
Right: 936.078+/-687.258 χ^2/NDF : 14.5/11

In: 581.250+/-1007.648 χ^2/NDF : 8.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 936.078+/-687.258 χ^2/NDF : 14.5/11

asym_sam3_reg_correction_rms vs Slug, Sign Corrected



Right In: 1582.505+/-0.713 χ^2/NDF : 104917.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1545.799+/-0.665 χ^2/NDF : 101512.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

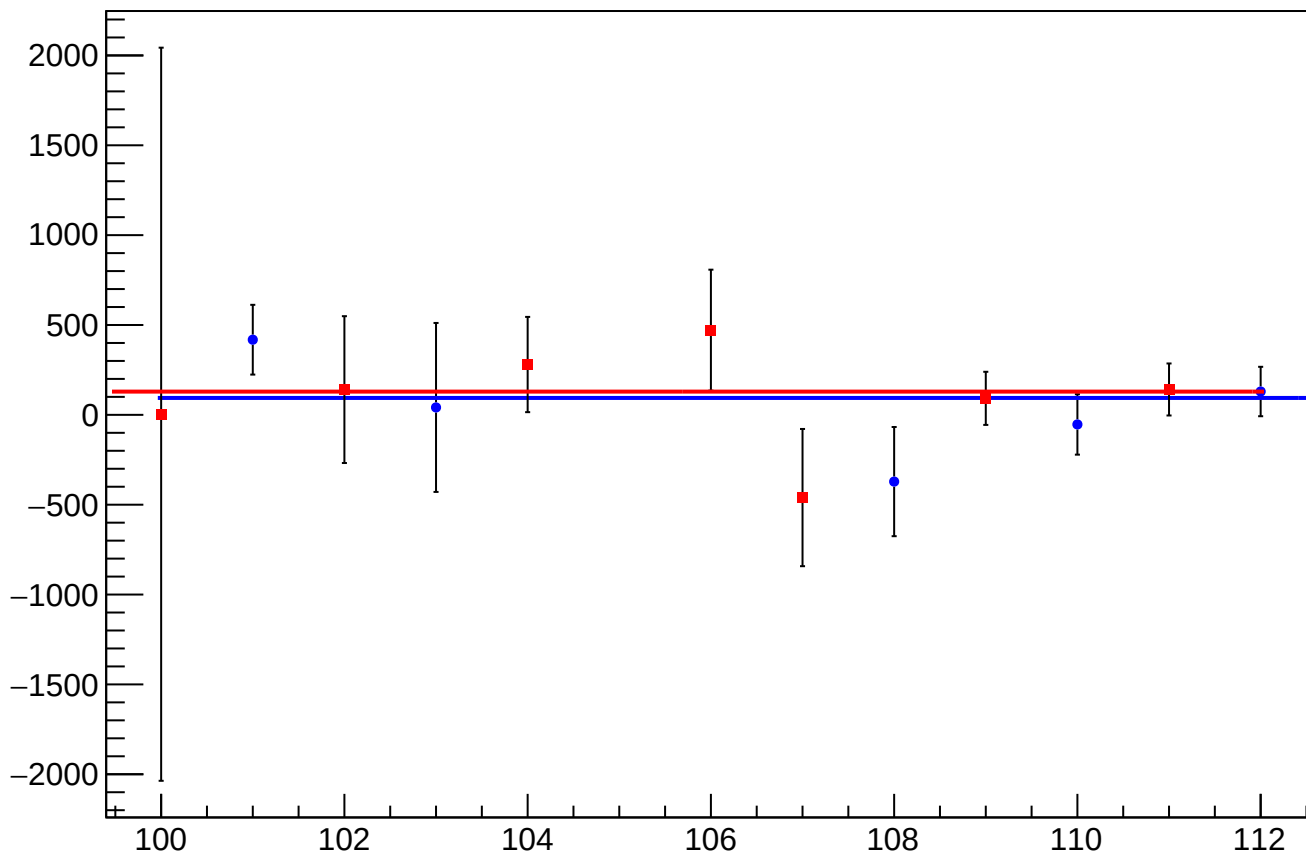
Right: 1562.874+/-0.486 χ^2/NDF : 207849.6/11

In: 1582.505+/-0.713 χ^2/NDF : 104917.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1562.874+/-0.486 χ^2/NDF : 207849.6/11

cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 94.060 $\pm$ 87.654 χ^2 /NDF: 6.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 129.369 $\pm$ 87.816 χ^2 /NDF: 3.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

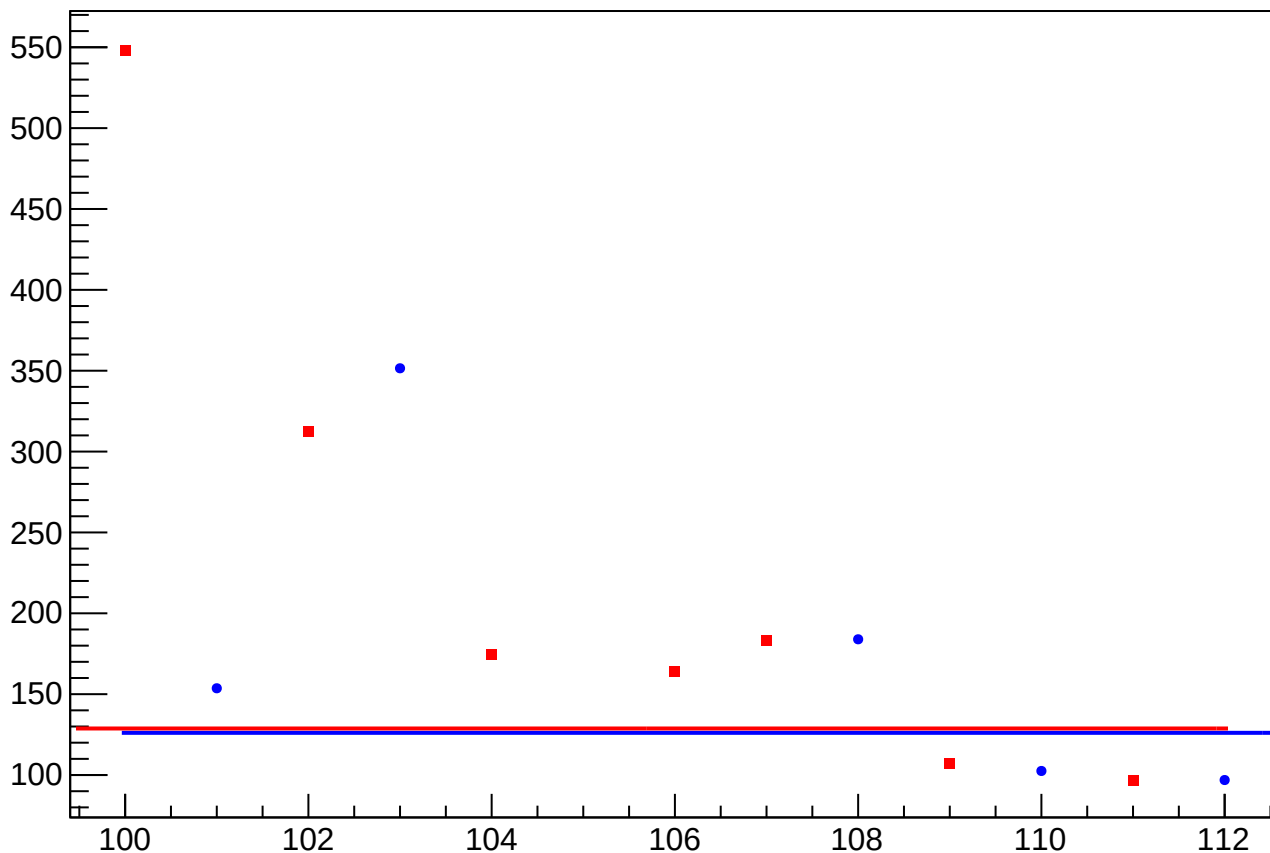
Right: 111.682 $\pm$ 62.038 χ^2 /NDF: 9.9/11

In: 94.060 $\pm$ 87.654 χ^2 /NDF: 6.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 111.682 $\pm$ 62.038 χ^2 /NDF: 9.9/11

cor_asym_sam3_rms vs Slug, Sign Corrected



Right In: 126.100 $\pm$ 0.062 χ^2 /NDF: 701980.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 128.781 $\pm$ 0.062 χ^2 /NDF: 754021.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

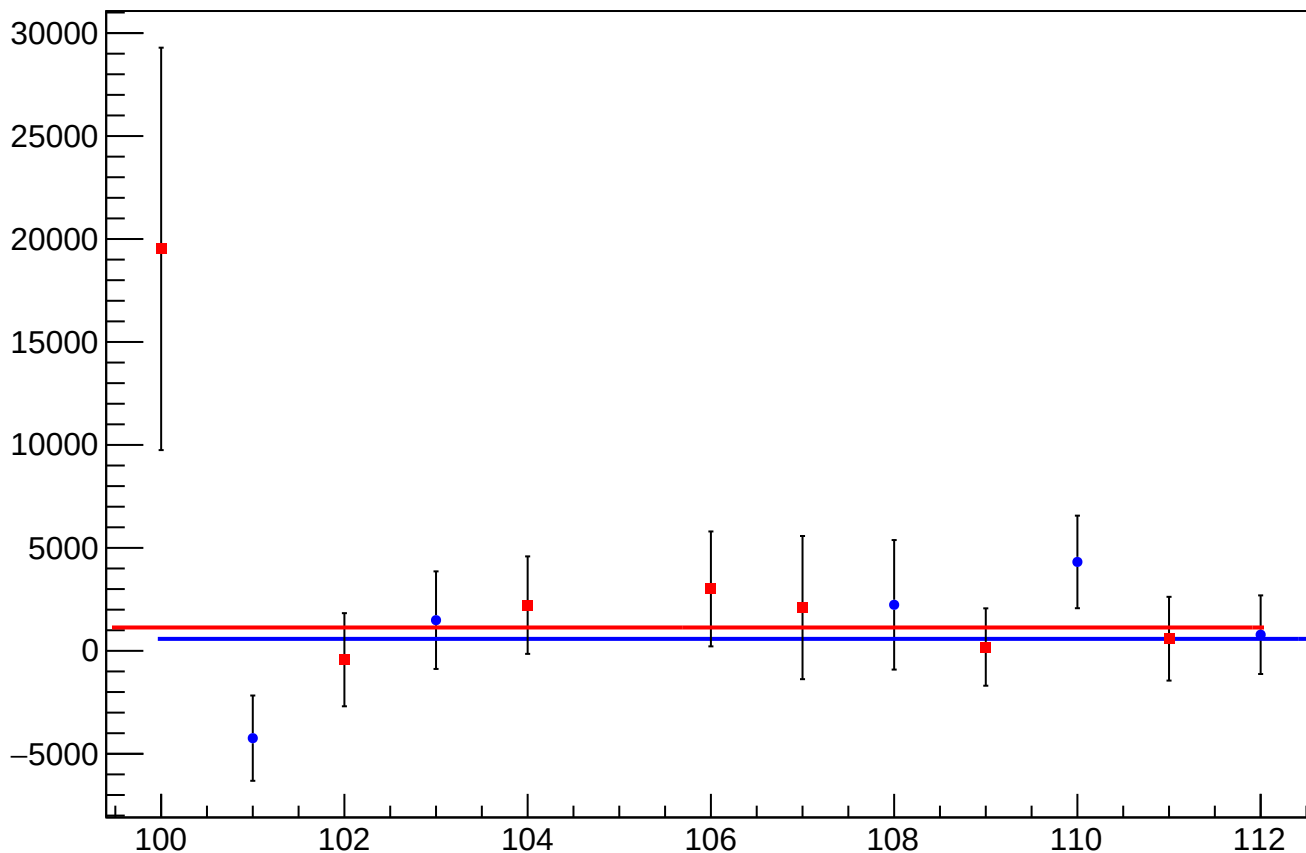
Right: 127.438 $\pm$ 0.044 χ^2 /NDF: 1456936.0/11

In: 126.100 $\pm$ 0.062 χ^2 /NDF:701980.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 127.438 $\pm$ 0.044 χ^2 /NDF: 1456936.0/11

asym_sam3_cor_correction_mean vs Slug, Sign Corrected



Right In: 581.332+/-1007.668 χ^2/NDF : 8.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1134.677+/-944.627 χ^2/NDF : 5.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

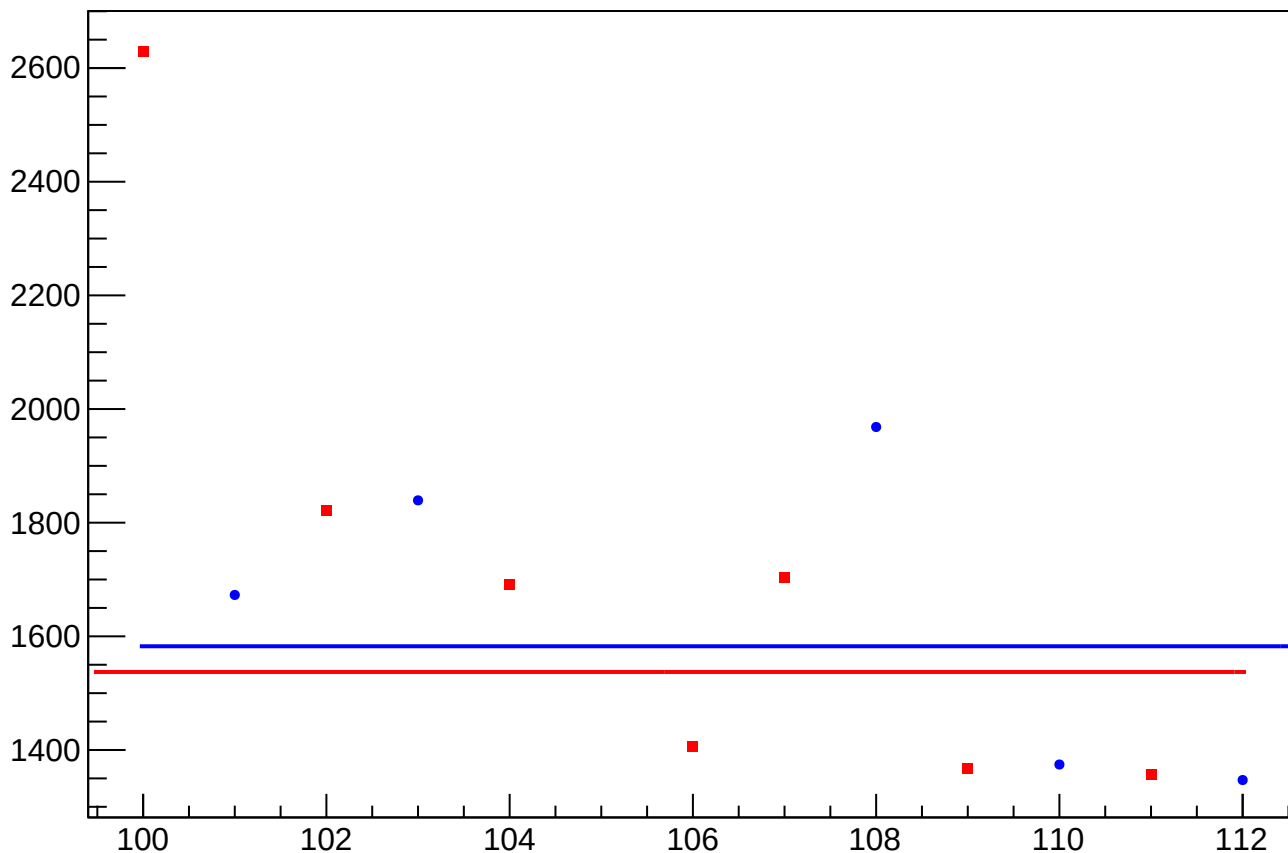
Right: 875.854+/-689.161 χ^2/NDF : 13.9/11

In: 581.332+/-1007.668 χ^2/NDF : 8.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 875.854+/-689.161 χ^2/NDF : 13.9/11

asym_sam3_cor_correction_rms vs Slug, Sign Corrected



Right In: 1582.530+/-0.713 χ^2/NDF : 104948.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1537.275+/-0.668 χ^2/NDF : 105665.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

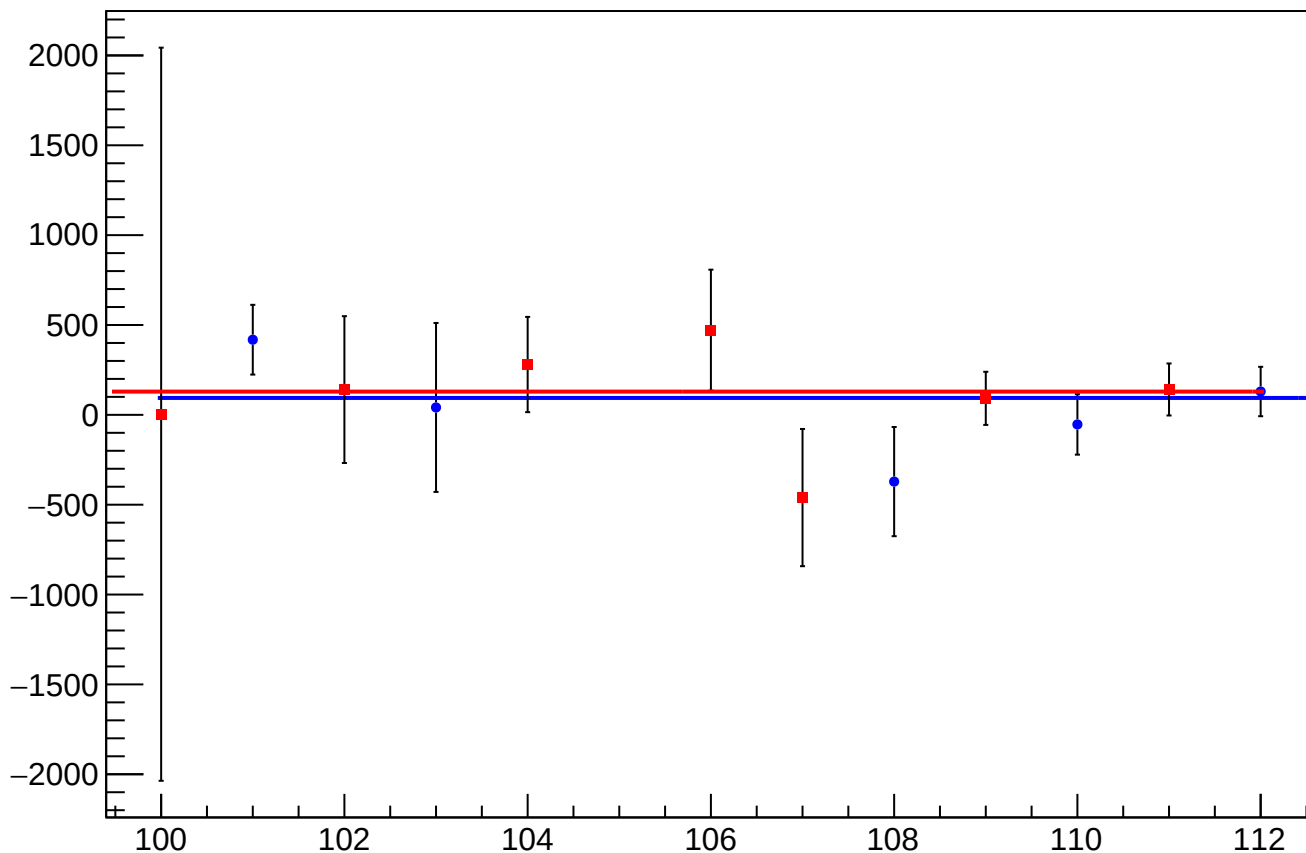
Right: 1558.443+/-0.487 χ^2/NDF : 212761.1/11

In: 1582.530+/-0.713 χ^2/NDF : 104948.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1558.443+/-0.487 χ^2/NDF : 212761.1/11

eigen_cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 94.060 $\pm$ 87.654 χ^2 /NDF: 6.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 129.369 $\pm$ 87.816 χ^2 /NDF: 3.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

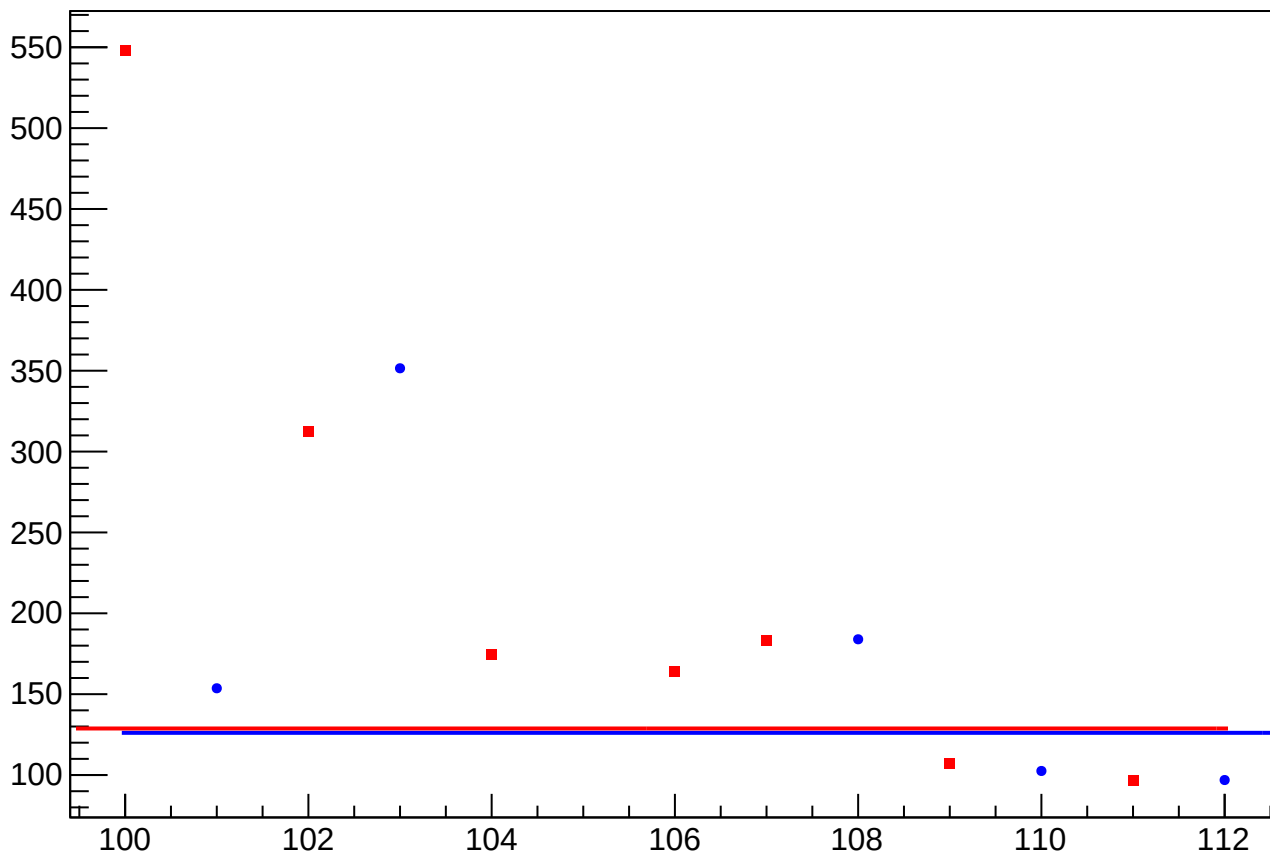
Right: 111.682 $\pm$ 62.038 χ^2 /NDF: 9.9/11

In: 94.060 $\pm$ 87.654 χ^2 /NDF: 6.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 111.682 $\pm$ 62.038 χ^2 /NDF: 9.9/11

eigen_cor_asym_sam3_rms vs Slug, Sign Corrected



Right In: 126.100+/-0.062 χ^2/NDF : 701980.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.781+/-0.062 χ^2/NDF : 754021.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

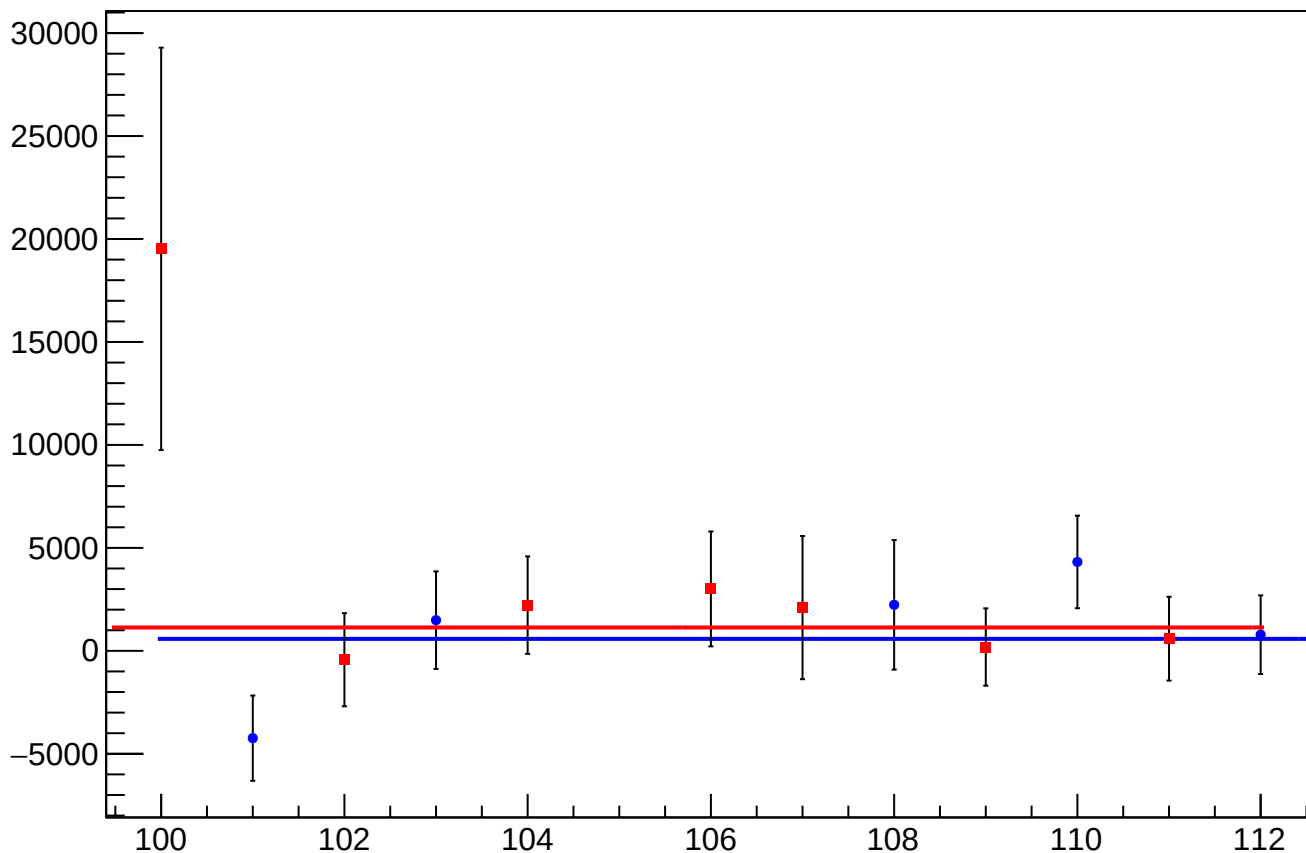
Right: 127.438+/-0.044 χ^2/NDF : 1456936.0/11

In: 126.100+/-0.062 χ^2/NDF : 701980.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.438+/-0.044 χ^2/NDF : 1456936.0/11

asym_sam3_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 581.332+/-1007.668 χ^2/NDF : 8.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1134.677+/-944.627 χ^2/NDF : 5.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

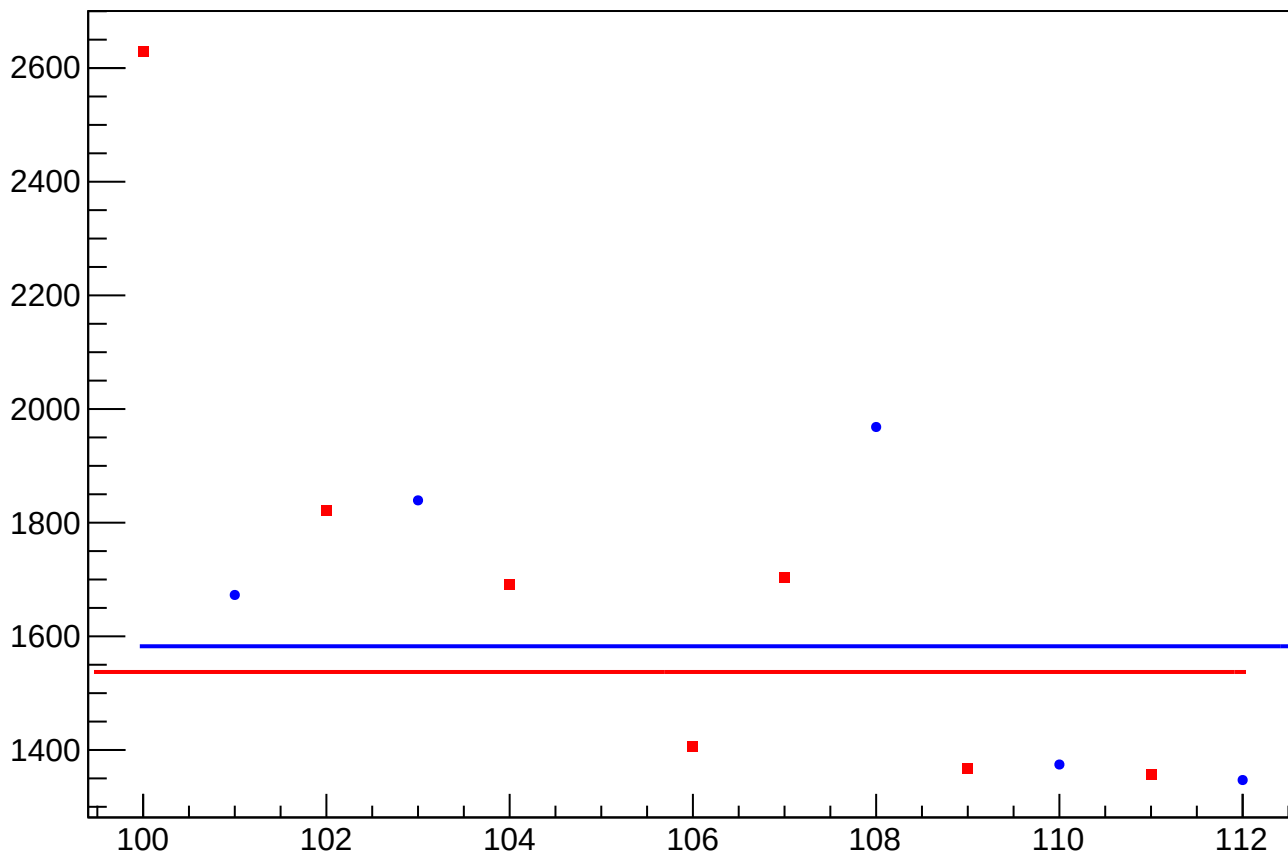
Right: 875.854+/-689.161 χ^2/NDF : 13.9/11

In: 581.332+/-1007.668 χ^2/NDF : 8.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 875.854+/-689.161 χ^2/NDF : 13.9/11

asym_sam3_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1582.530+/-0.713 χ^2/NDF : 104948.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1537.275+/-0.668 χ^2/NDF : 105665.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

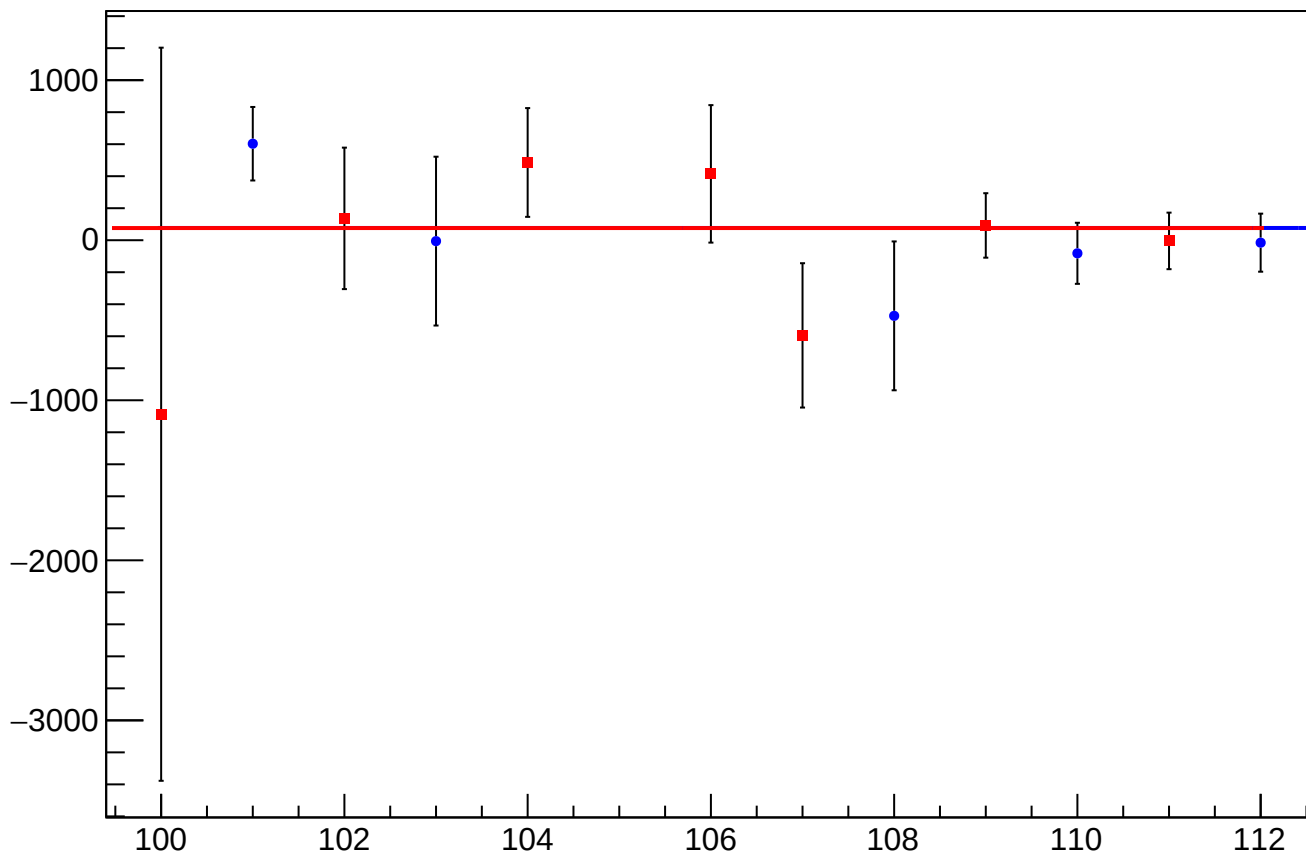
Right: 1558.443+/-0.487 χ^2/NDF : 212761.1/11

In: 1582.530+/-0.713 χ^2/NDF : 104948.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1558.443+/-0.487 χ^2/NDF : 212761.1/11

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 76.535+/-108.433 χ^2/NDF : 7.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.043+/-111.102 χ^2/NDF : 4.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

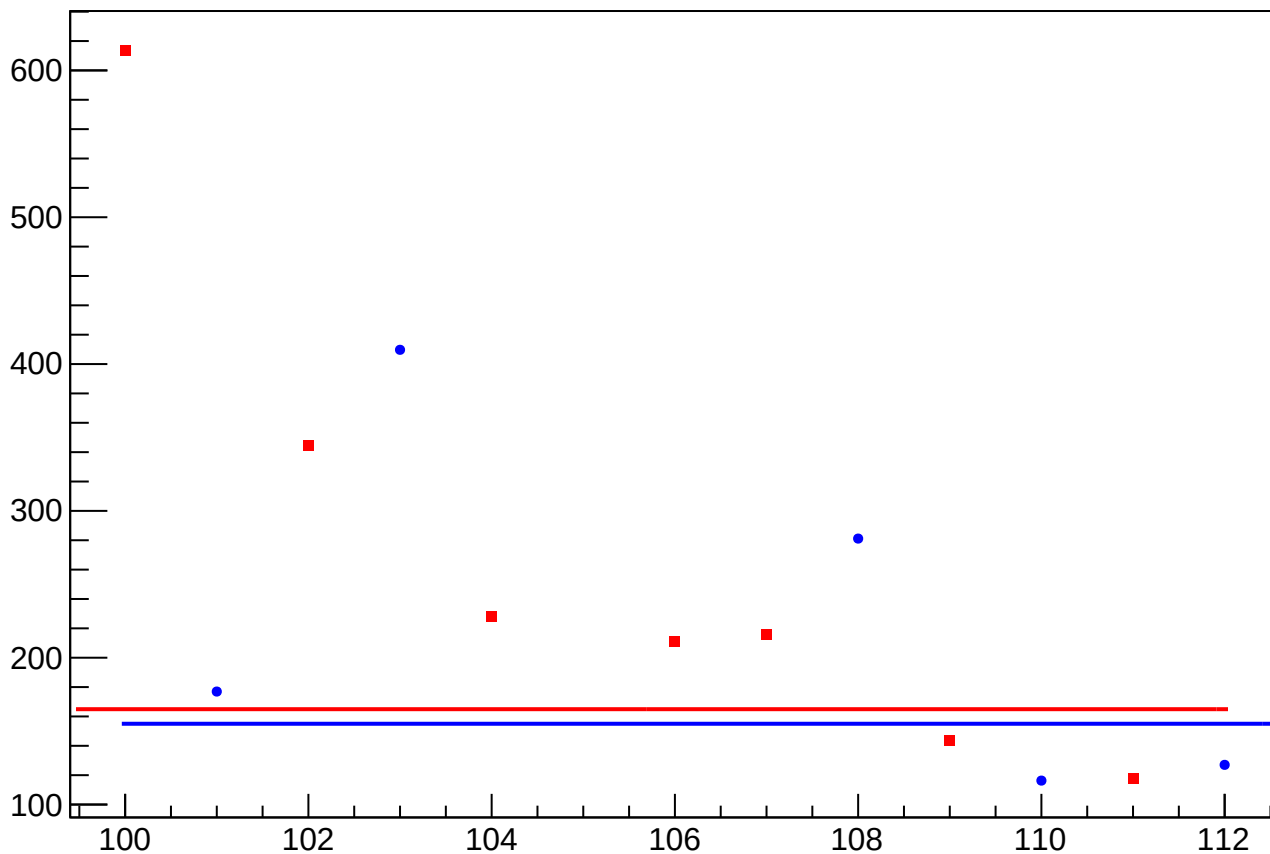
Right: 76.295+/-77.600 χ^2/NDF : 12.4/11

In: 76.535+/-108.433 χ^2/NDF : 7.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.295+/-77.600 χ^2/NDF : 12.4/11

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 155.018+/-0.077 χ^2/NDF : 761676.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 164.943+/-0.079 χ^2/NDF : 692734.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

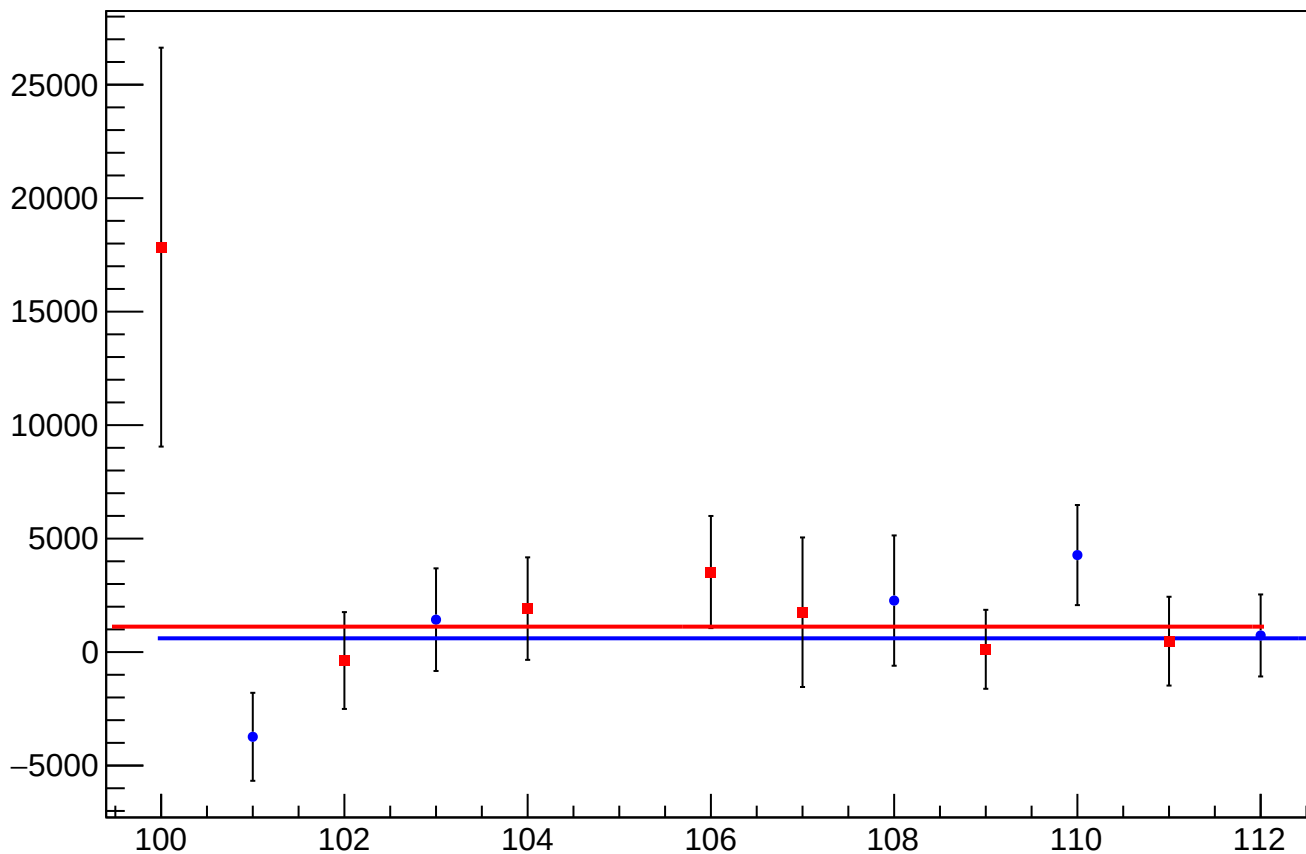
Right: 159.860+/-0.055 χ^2/NDF : 1462583.6/11

In: 155.018+/-0.077 χ^2/NDF : 761676.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.860+/-0.055 χ^2/NDF : 1462583.6/11

asym_sam3_dit_correction_mean vs Slug, Sign Corrected



Right In: 606.749+/-955.599 χ^2/NDF : 8.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1120.971+/-885.140 χ^2/NDF : 5.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

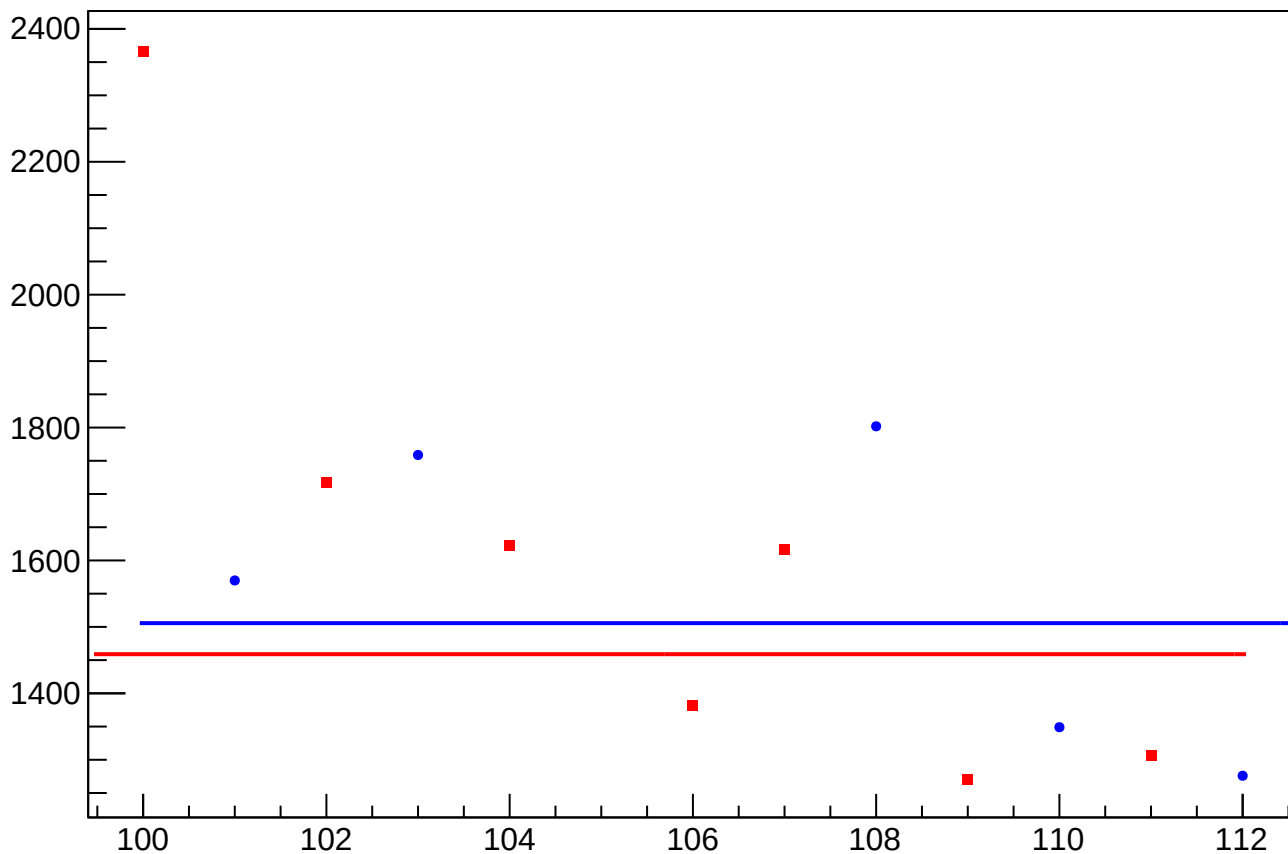
Right: 883.514+/-649.371 χ^2/NDF : 14.1/11

In: 606.749+/-955.599 χ^2/NDF : 8.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 883.514+/-649.371 χ^2/NDF : 14.1/11

asym_sam3_dit_correction_rms vs Slug, Sign Corrected



Right In: 1505.651+/-0.676 χ^2/NDF : 90961.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1458.926+/-0.626 χ^2/NDF : 103606.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

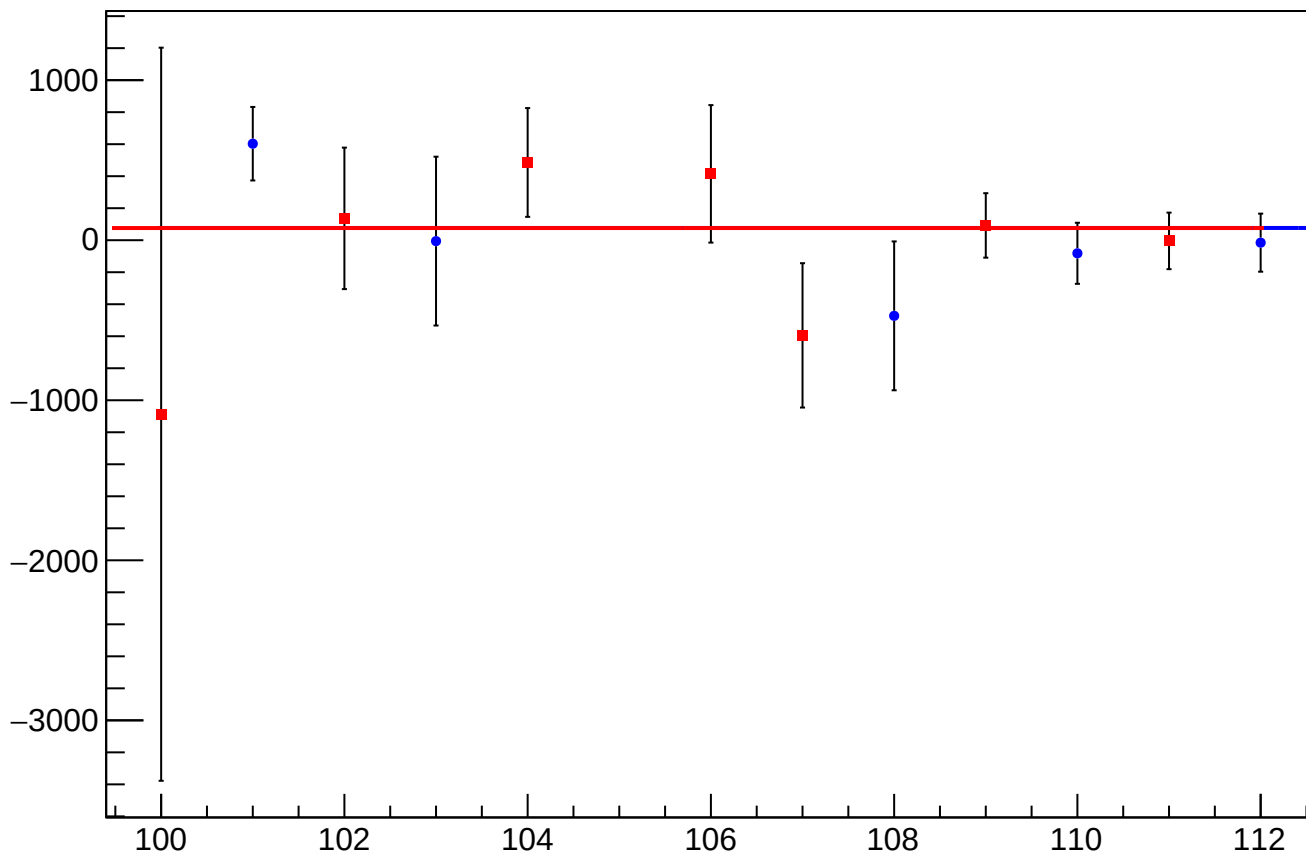
Right: 1480.503+/-0.459 χ^2/NDF : 197141.8/11

In: 1505.651+/-0.676 χ^2/NDF : 90961.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1480.503+/-0.459 χ^2/NDF : 197141.8/11

eigen_dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 76.535 $\pm$ 108.433 χ^2 /NDF: 7.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 76.042 $\pm$ 111.103 χ^2 /NDF: 4.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

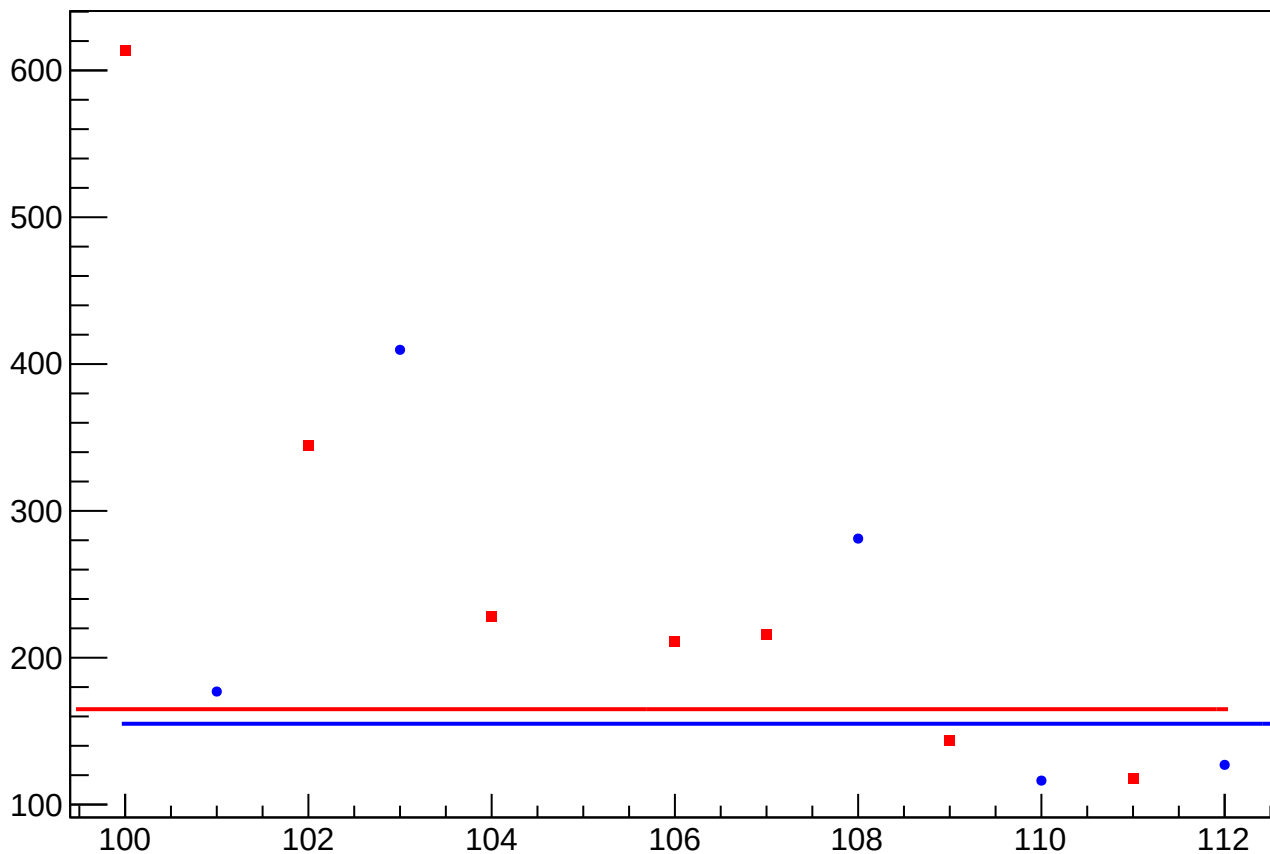
Right: 76.295 $\pm$ 77.600 χ^2 /NDF: 12.4/11

In: 76.535 $\pm$ 108.433 χ^2 /NDF: 7.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 76.295 $\pm$ 77.600 χ^2 /NDF: 12.4/11

eigen_dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 155.019+/-0.077 χ^2/NDF : 761678.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 164.944+/-0.079 χ^2/NDF : 692740.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

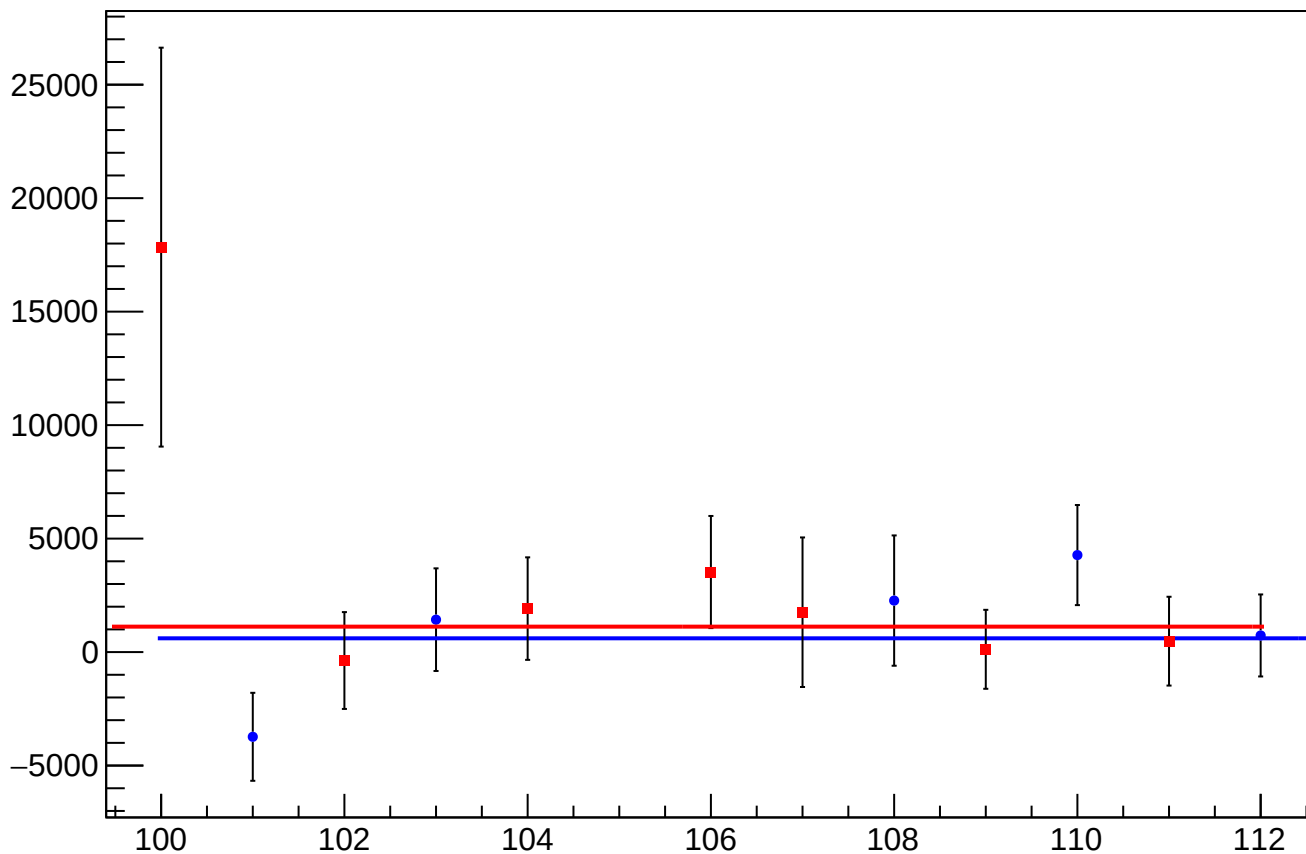
Right: 159.861+/-0.055 χ^2/NDF : 1462591.6/11

In: 155.019+/-0.077 χ^2/NDF : 761678.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.861+/-0.055 χ^2/NDF : 1462591.6/11

asym_sam3_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 606.745+/-955.597 χ^2/NDF : 8.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1120.968+/-885.139 χ^2/NDF : 5.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

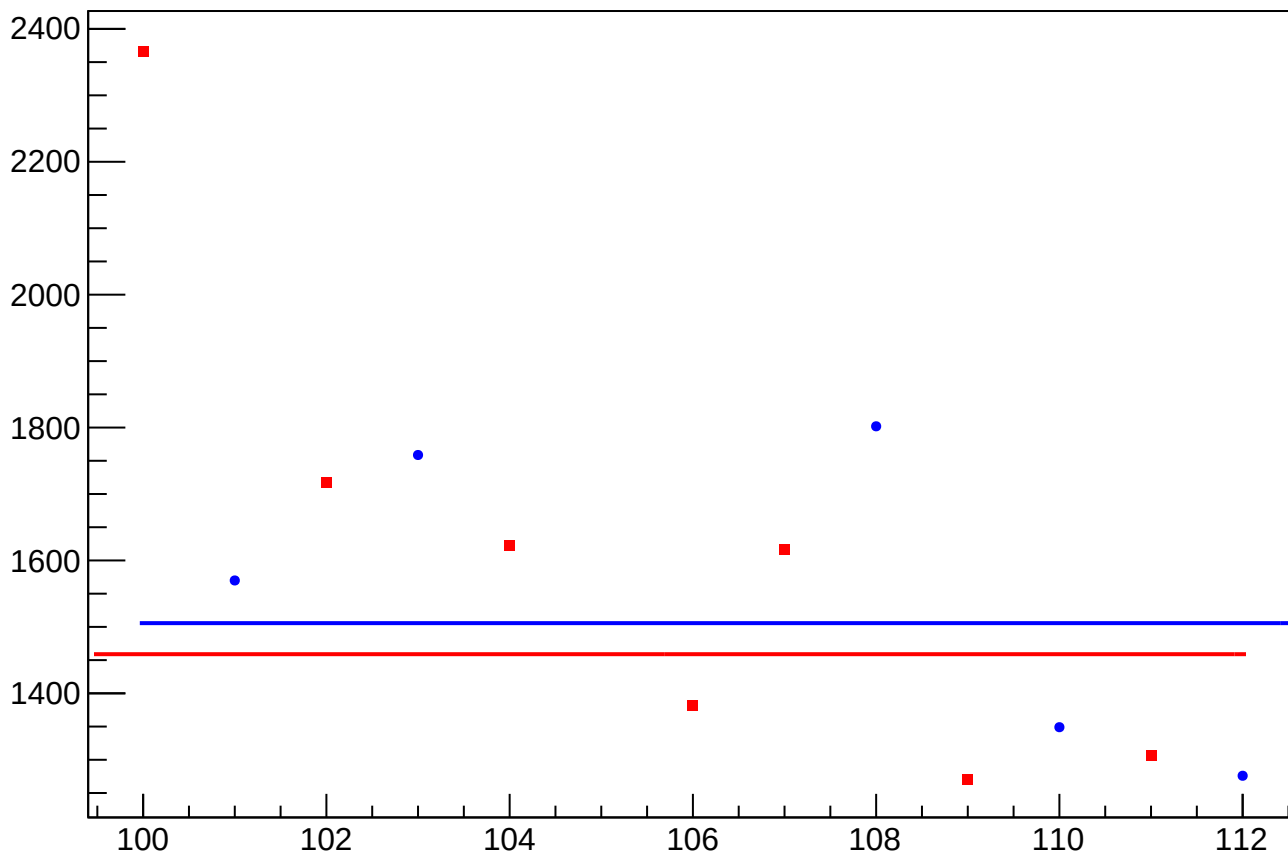
Right: 883.511+/-649.369 χ^2/NDF : 14.1/11

In: 606.745+/-955.597 χ^2/NDF : 8.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 883.511+/-649.369 χ^2/NDF : 14.1/11

asym_sam3_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1505.648+/-0.676 χ^2/NDF : 90959.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1458.923+/-0.626 χ^2/NDF : 103604.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

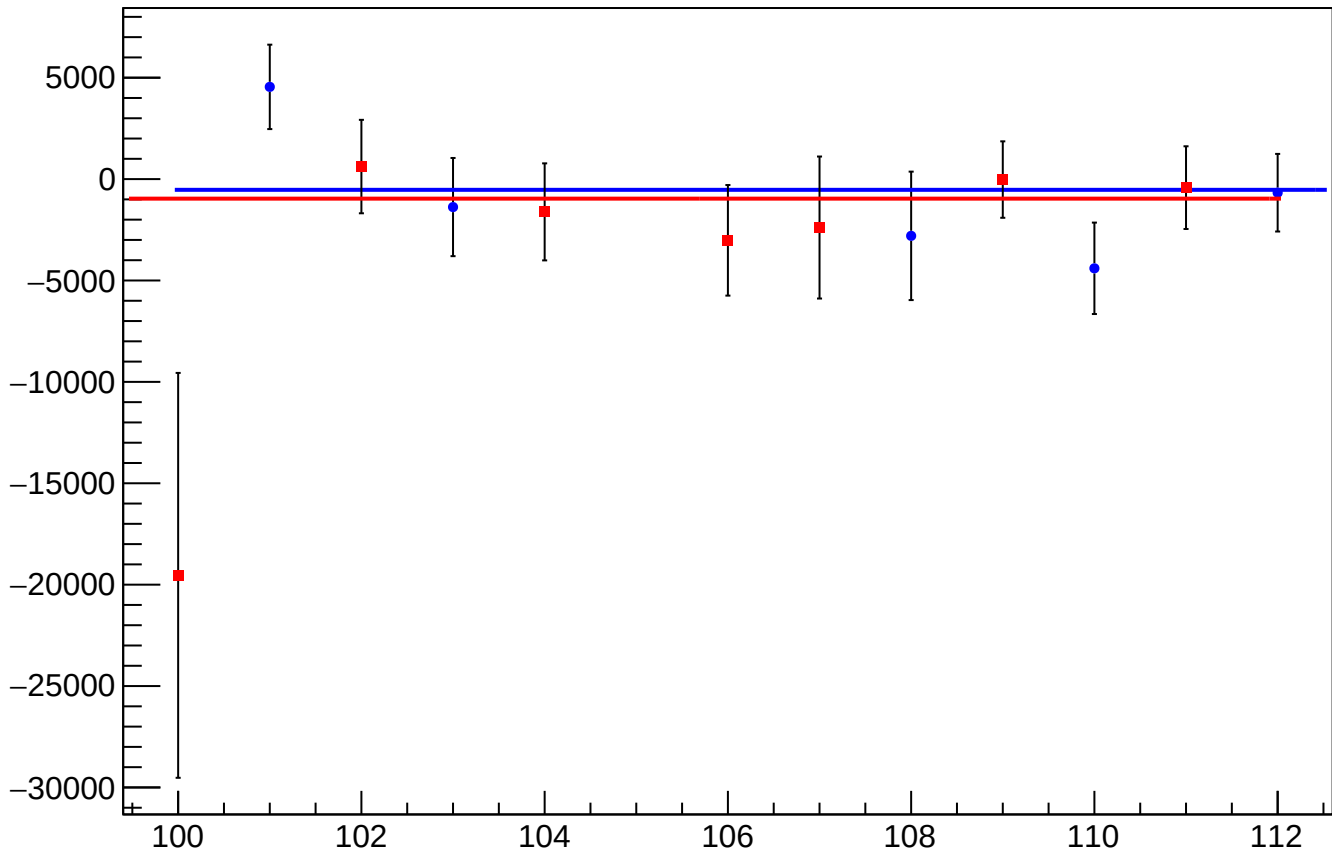
Right: 1480.499+/-0.459 χ^2/NDF : 197138.2/11

In: 1505.648+/-0.676 χ^2/NDF : 90959.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1480.499+/-0.459 χ^2/NDF : 197138.2/11

asym_sam3_mean vs Slug, Sign Corrected



Right In: -529.112+/-1014.836 χ^2/NDF : 9.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -963.764+/-948.665 χ^2/NDF : 5.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

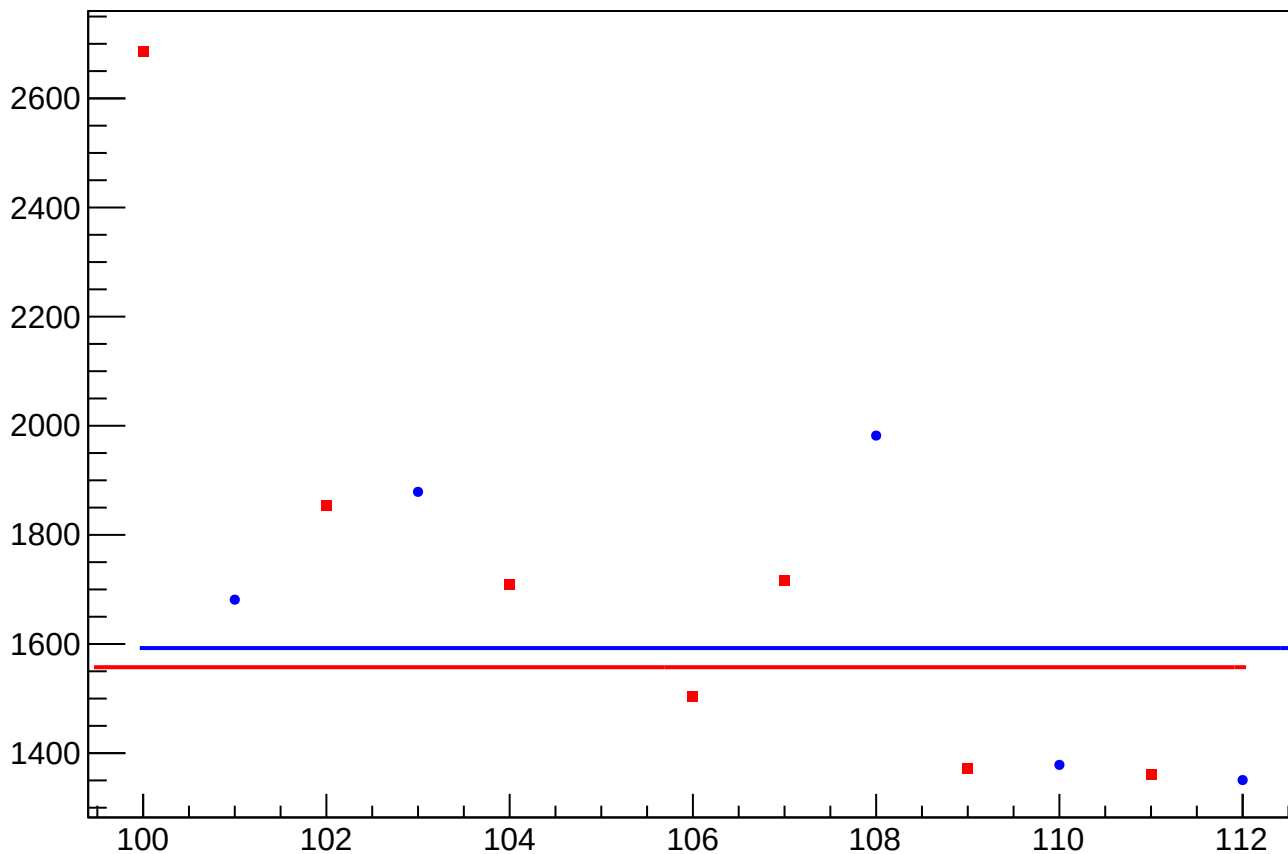
Right: -761.069+/-693.020 χ^2/NDF : 14.7/11

In: -529.112+/-1014.836 χ^2/NDF : 9.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -761.069+/-693.020 χ^2/NDF : 14.7/11

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1592.574+/-0.718 χ^2/NDF : 111842.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1557.520+/-0.671 χ^2/NDF : 109463.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

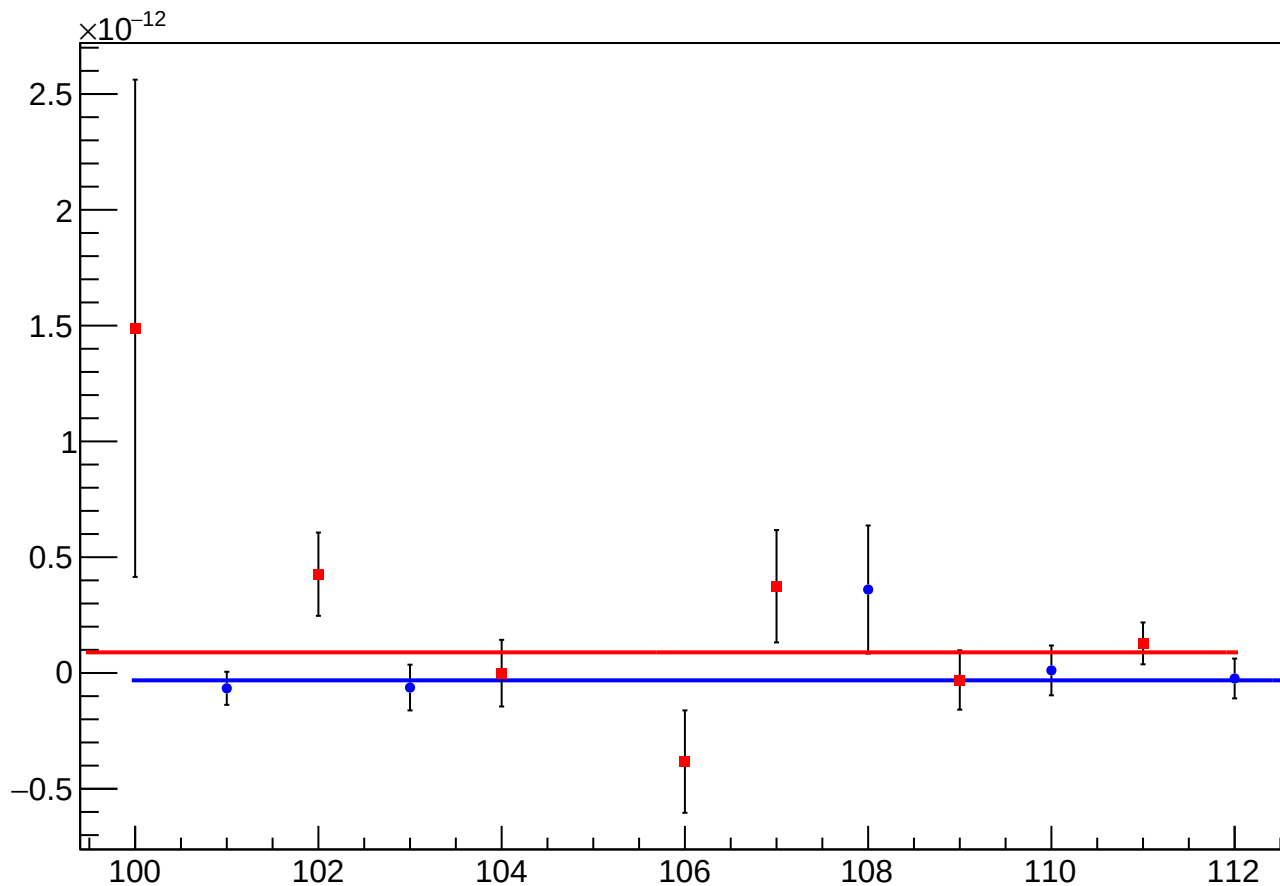
Right: 1573.867+/-0.490 χ^2/NDF : 222579.1/11

In: 1592.574+/-0.718 χ^2/NDF : 111842.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1573.867+/-0.490 χ^2/NDF : 222579.1/11

asym_sam3_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

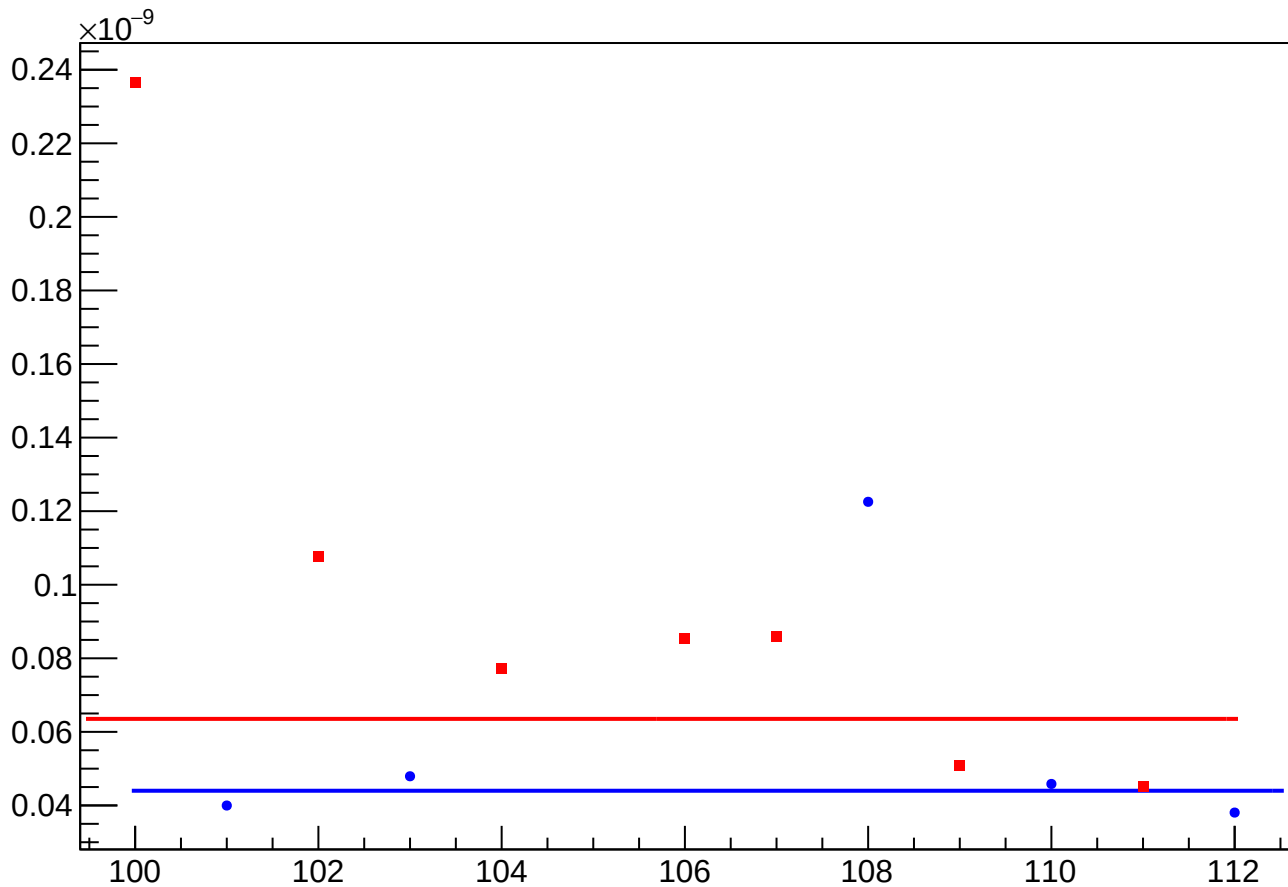
Right: 0.000+/-0.000 χ^2/NDF : 17.9/11

In: -0.000+/-0.000 χ^2/NDF : 2.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.9/11

asym_sam3_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 181000.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 329021.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

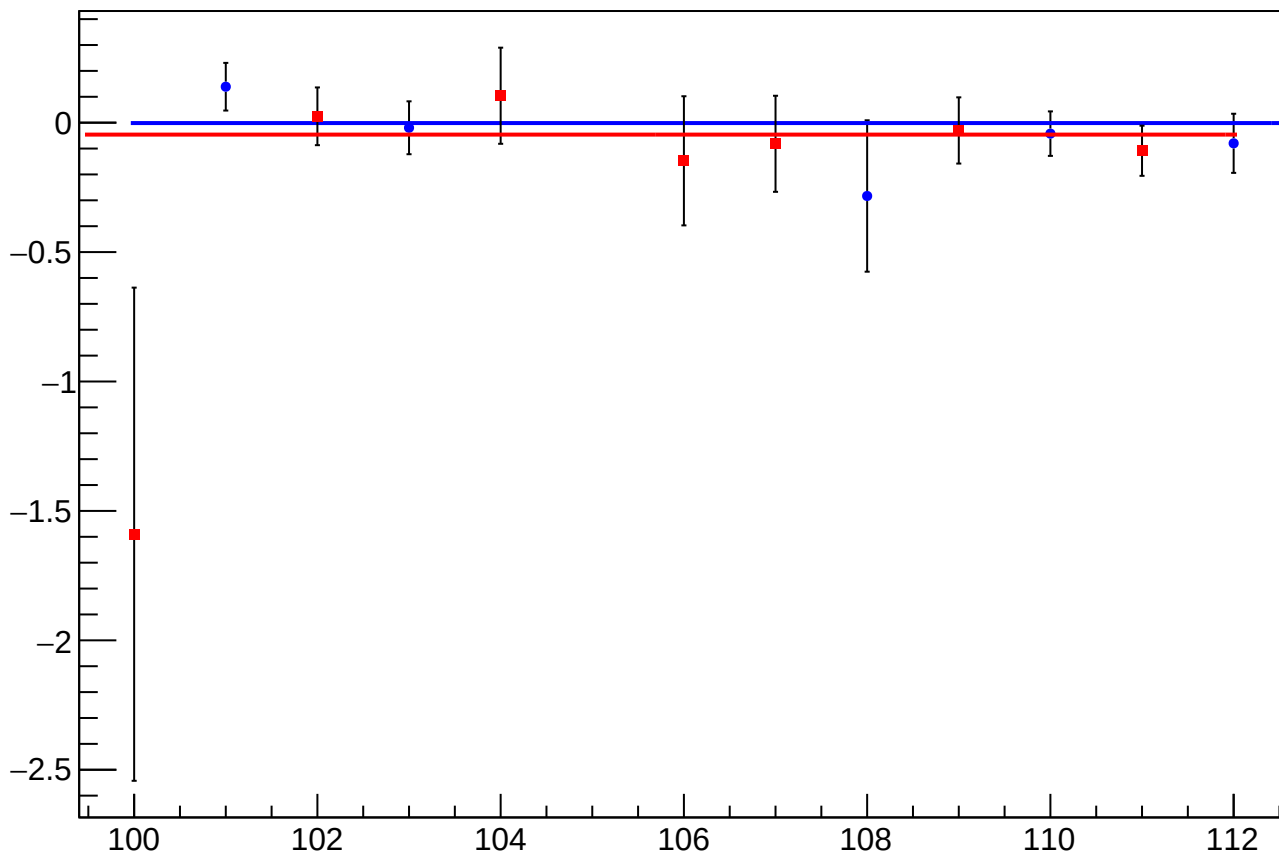
Right: 0.000+/-0.000 χ^2/NDF : 656891.5/11

In: 0.000+/-0.000 χ^2/NDF : 181000.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 656891.5/11

asym_sam3_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 ± 0.048 χ^2/NDF : 4.0/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.046 ± 0.056 χ^2/NDF : 4.3/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

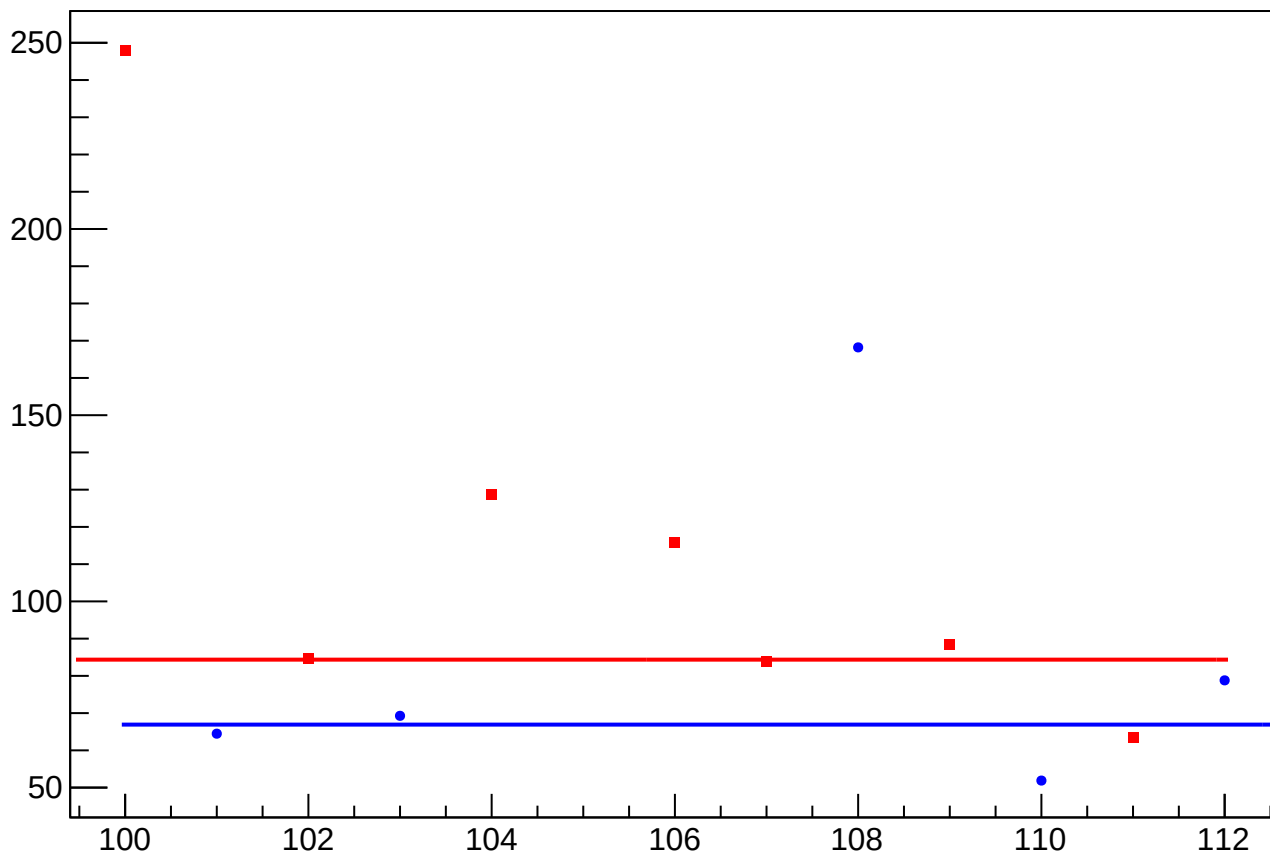
Right: -0.020 ± 0.036 χ^2/NDF : 8.7/11

In: -0.002 ± 0.048 χ^2/NDF : 4.0/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.020 ± 0.036 χ^2/NDF : 8.7/11

asym_sam3_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.913+/-0.034 χ^2/NDF : 325121.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.358+/-0.039 χ^2/NDF : 301214.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

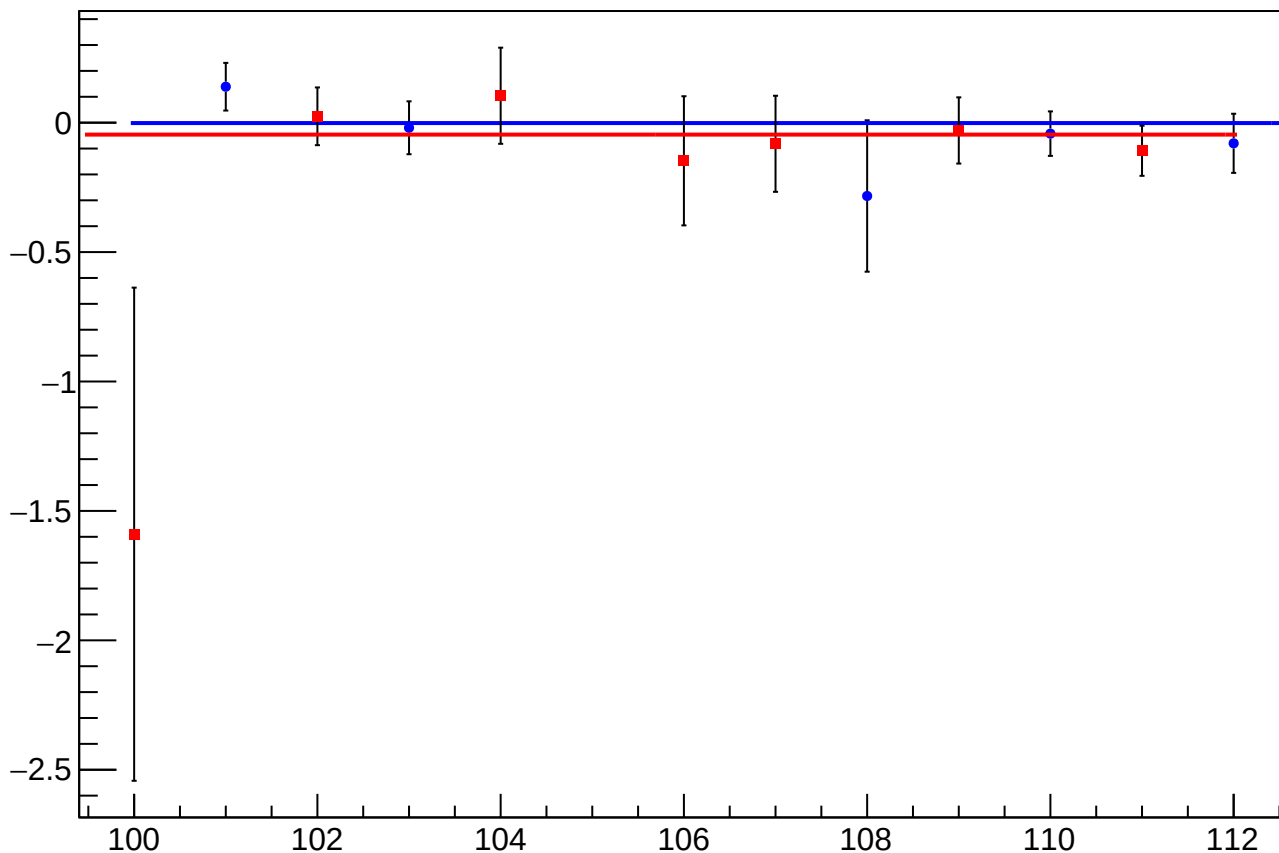
Right: 74.328+/-0.026 χ^2/NDF : 739498.5/11

In: 66.913+/-0.034 χ^2/NDF : 325121.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.328+/-0.026 χ^2/NDF : 739498.5/11

asym_sam3_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 ± 0.048 χ^2/NDF : 4.0/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.046 ± 0.056 χ^2/NDF : 4.3/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

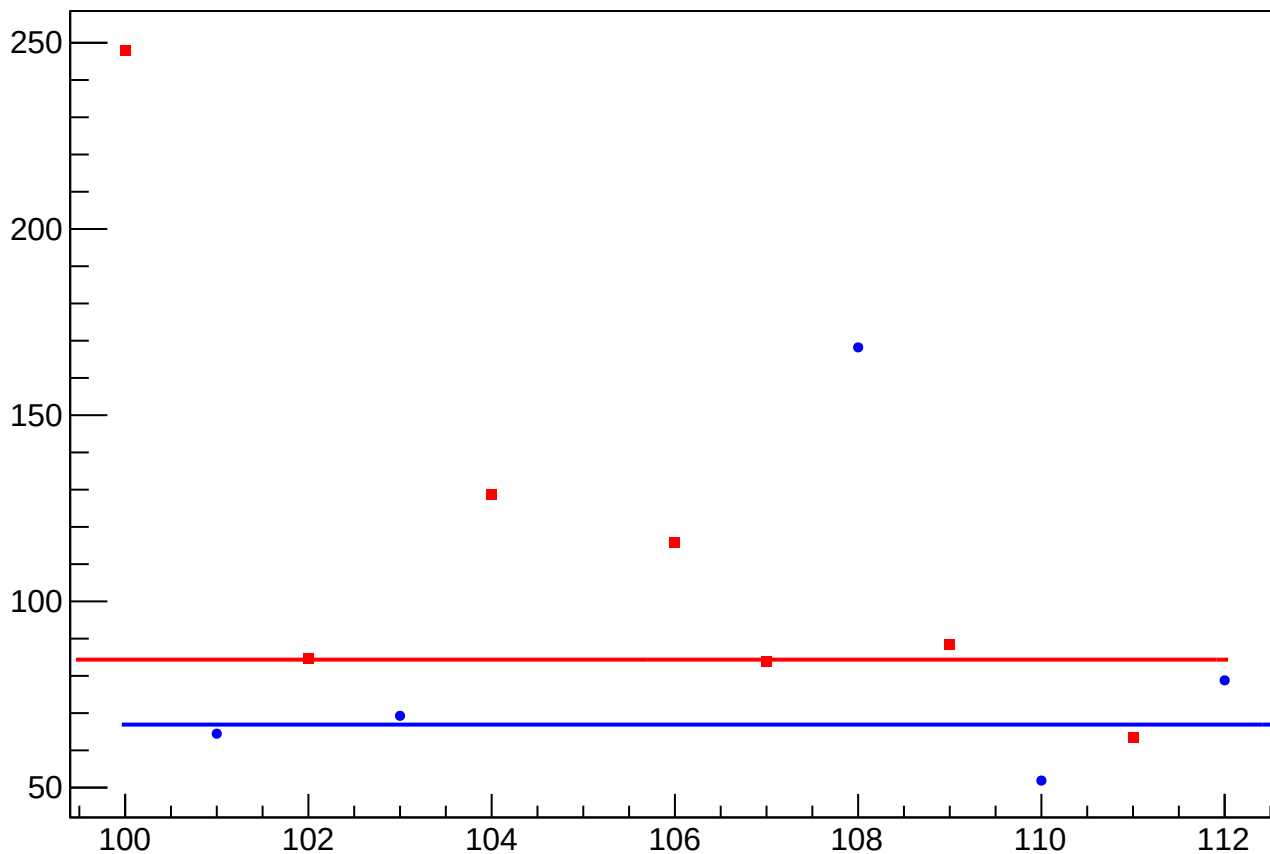
Right: -0.020 ± 0.036 χ^2/NDF : 8.7/11

In: -0.002 ± 0.048 χ^2/NDF : 4.0/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.020 ± 0.036 χ^2/NDF : 8.7/11

asym_sam3_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.913+/-0.034 χ^2/NDF : 325121.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.358+/-0.039 χ^2/NDF : 301214.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

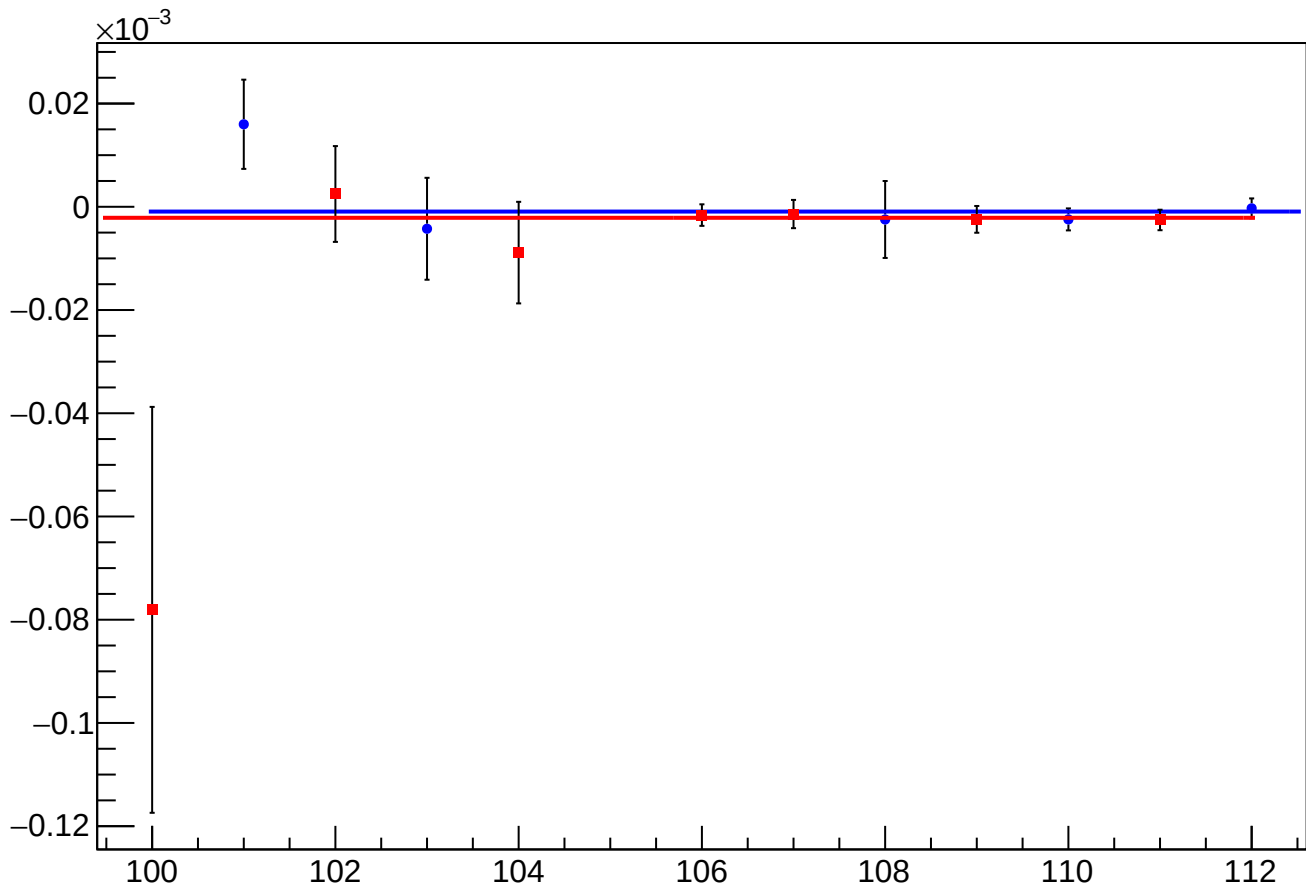
Right: 74.328+/-0.026 χ^2/NDF : 739498.5/11

In: 66.913+/-0.034 χ^2/NDF : 325121.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.328+/-0.026 χ^2/NDF : 739498.5/11

asym_sam3_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 4.6/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 4.6/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

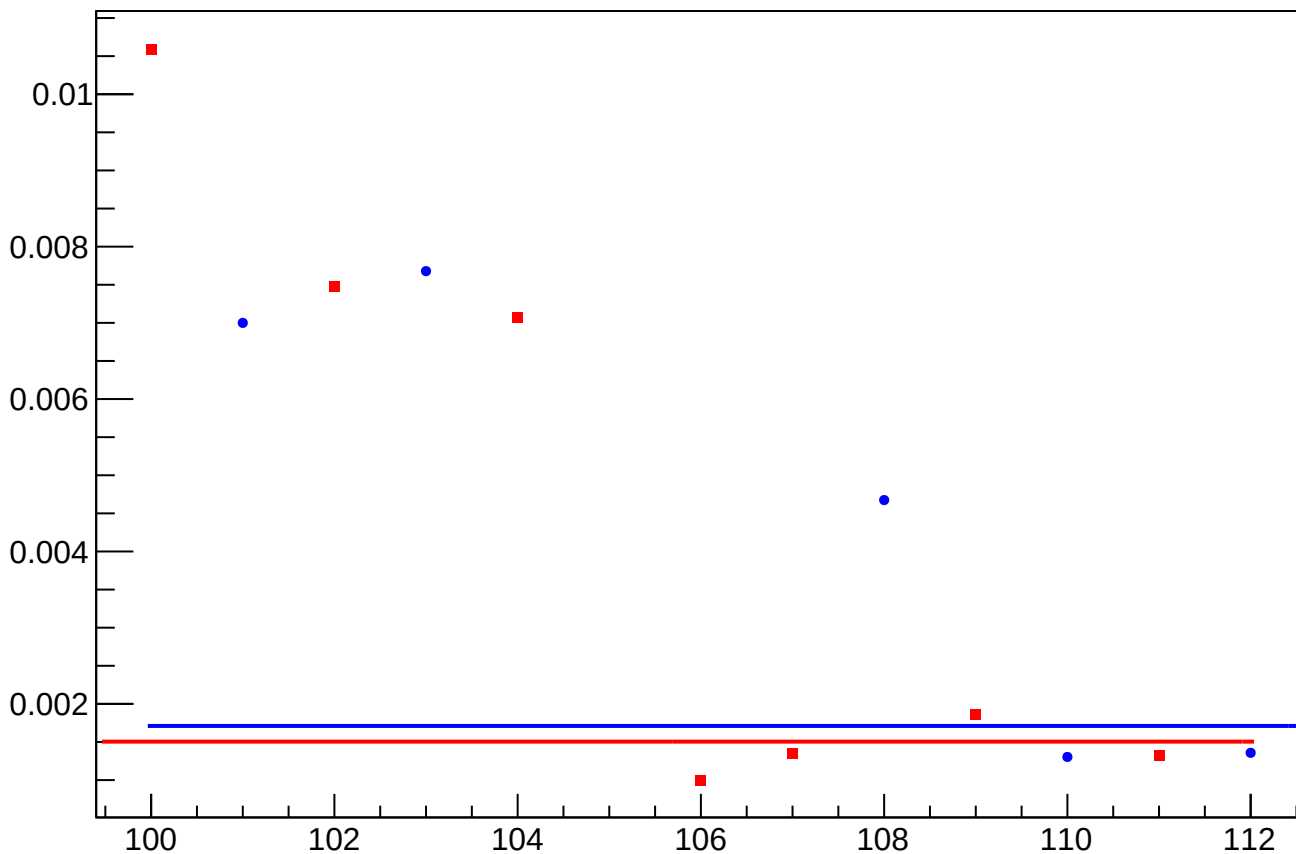
Right: -0.000+/-0.000 χ^2 /NDF: 9.7/11

In: -0.000+/-0.000 χ^2 /NDF:4.6/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 9.7/11

asym_sam3_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1936768.7/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1753074.8/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

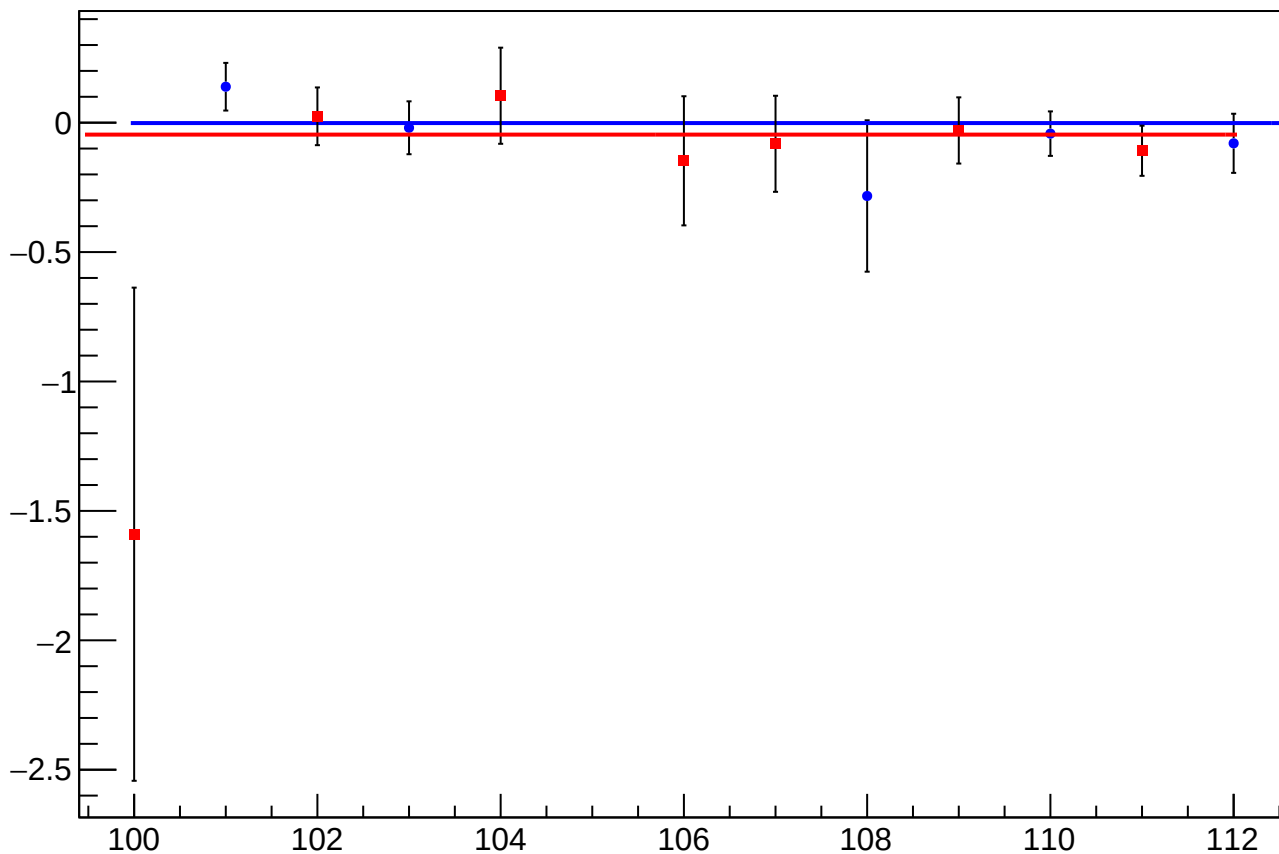
Right: 0.002+/-0.000 χ^2/NDF : 3716803.2/11

In: 0.002+/-0.000 χ^2/NDF :1936768.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3716803.2/11

asym_sam3_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.048 χ^2 /NDF: 4.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.046 $\pm$ 0.056 χ^2 /NDF: 4.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

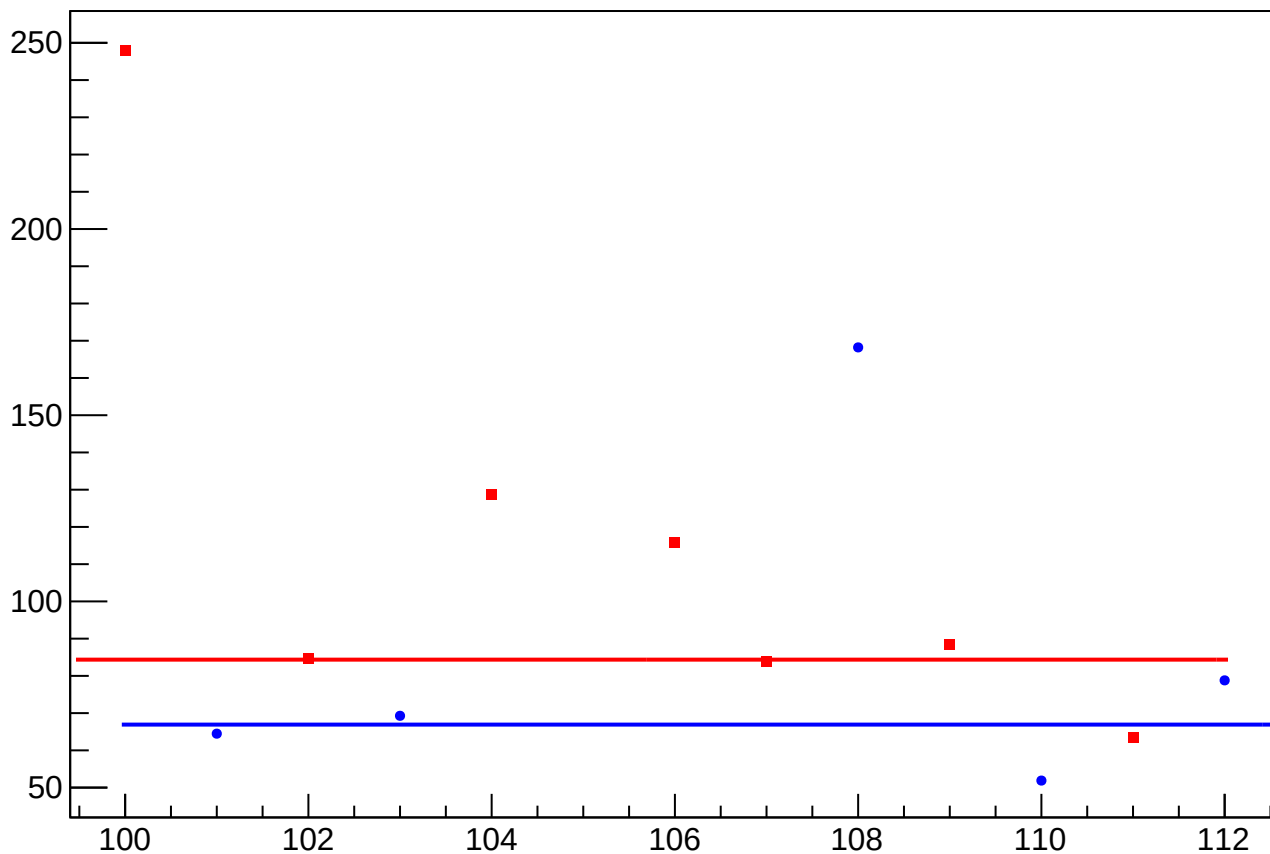
Right: -0.020 $\pm$ 0.036 χ^2 /NDF: 8.7/11

In: -0.002 $\pm$ 0.048 χ^2 /NDF:4.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.020 $\pm$ 0.036 χ^2 /NDF: 8.7/11

asym_sam3_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.917+/-0.034 χ^2/NDF : 325118.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.361+/-0.039 χ^2/NDF : 301232.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

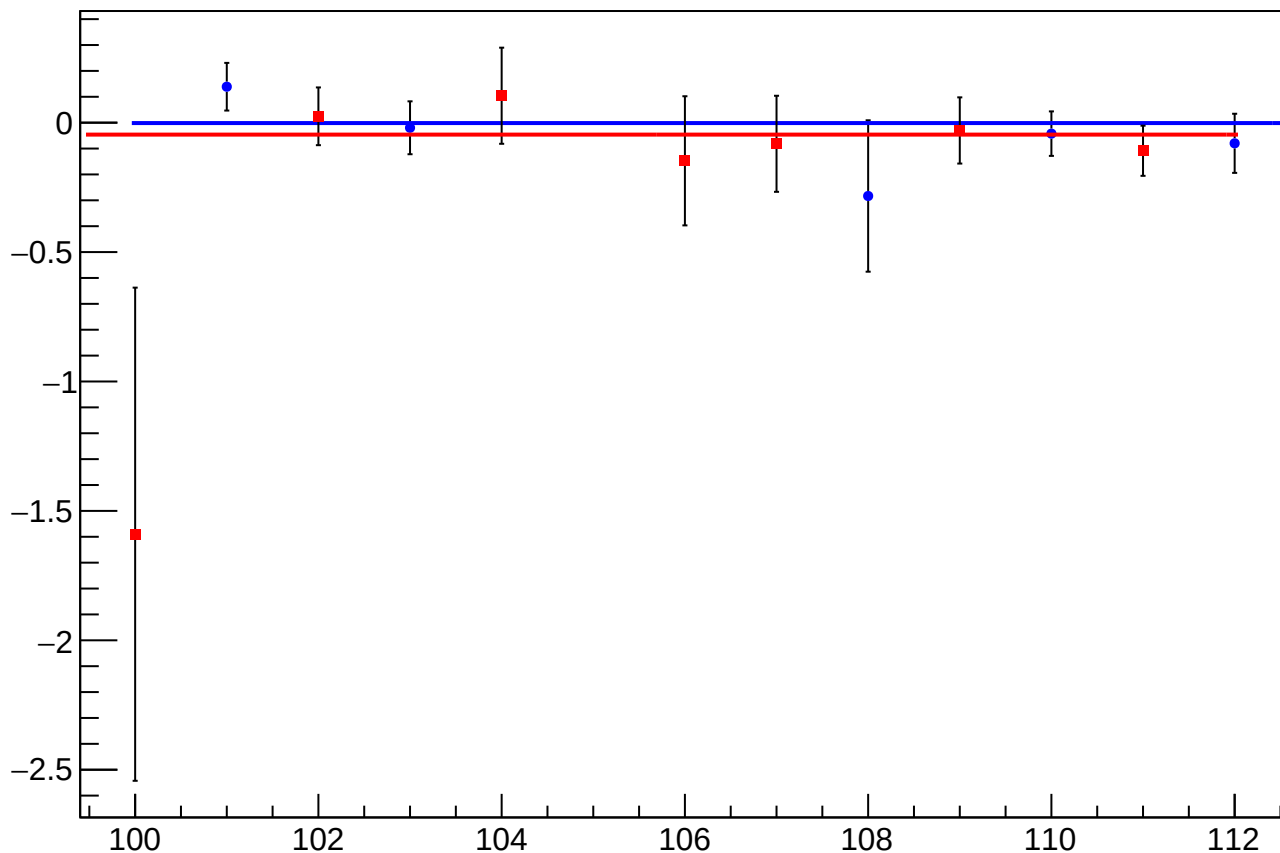
Right: 74.331+/-0.026 χ^2/NDF : 739500.4/11

In: 66.917+/-0.034 χ^2/NDF : 325118.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.331+/-0.026 χ^2/NDF : 739500.4/11

asym_sam3_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 ± 0.048 χ^2/NDF : 4.0/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.046 ± 0.056 χ^2/NDF : 4.3/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

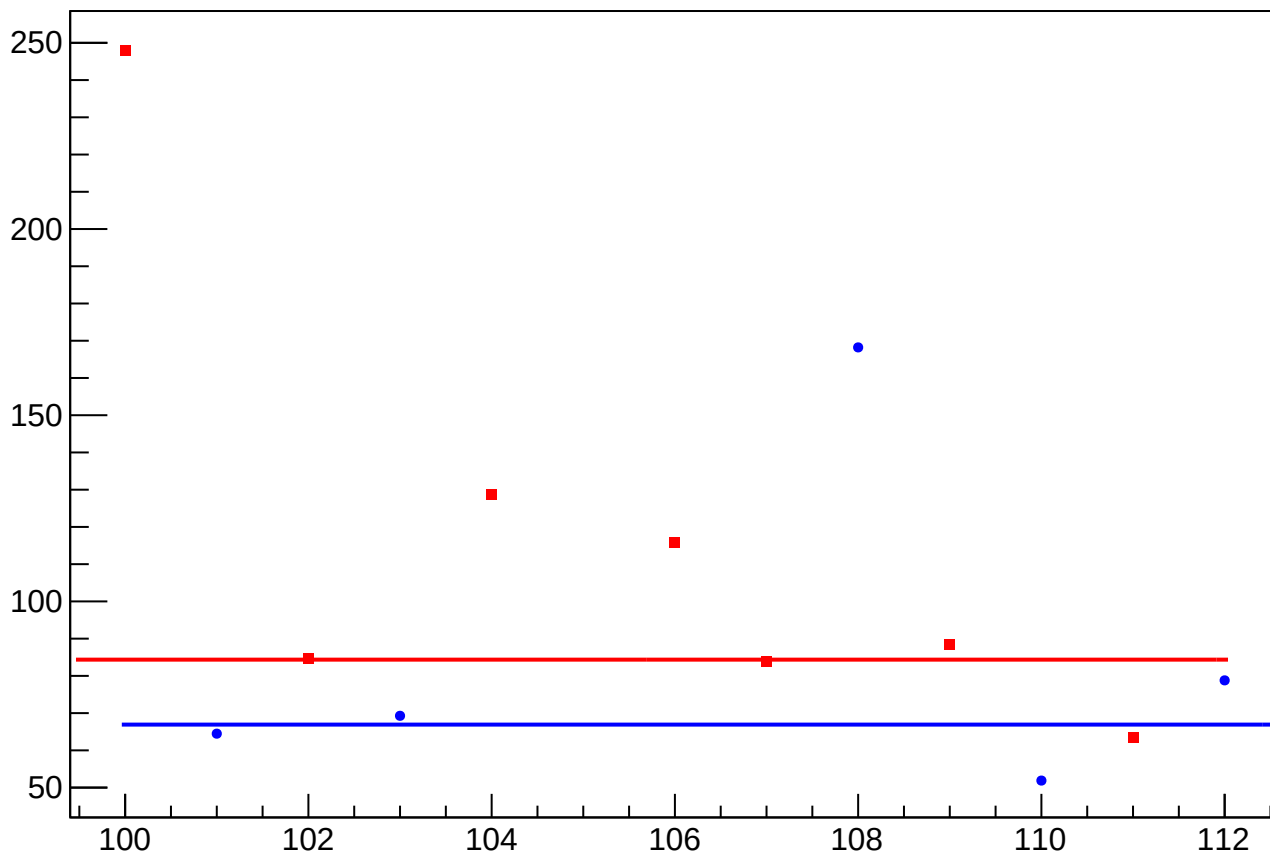
Right: -0.020 ± 0.036 χ^2/NDF : 8.7/11

In: -0.002 ± 0.048 χ^2/NDF : 4.0/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.020 ± 0.036 χ^2/NDF : 8.7/11

asym_sam3_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.917+/-0.034 χ^2/NDF : 325118.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.361+/-0.039 χ^2/NDF : 301232.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

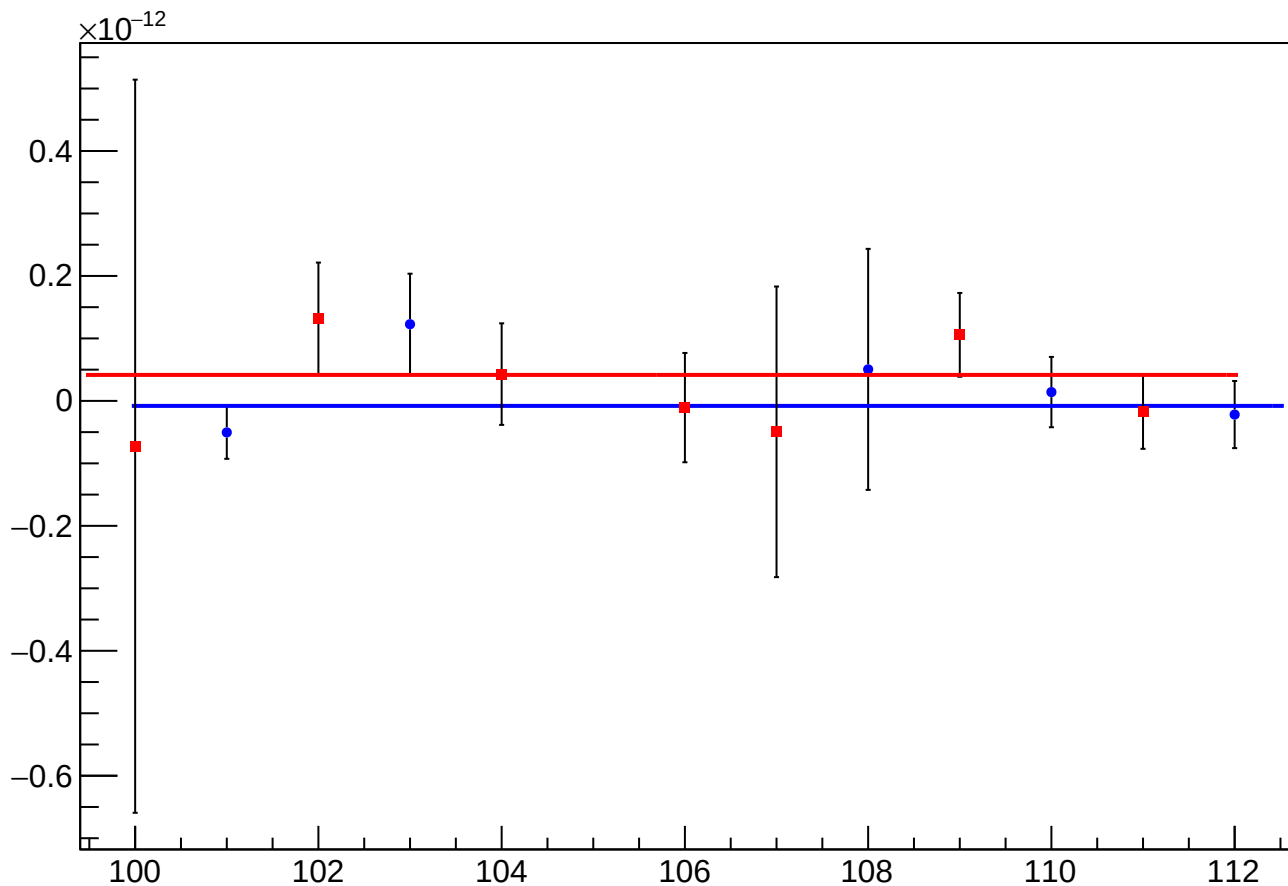
Right: 74.331+/-0.026 χ^2/NDF : 739500.4/11

In: 66.917+/-0.034 χ^2/NDF : 325118.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.331+/-0.026 χ^2/NDF : 739500.4/11

asym_sam3_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 3.9/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 3.4/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

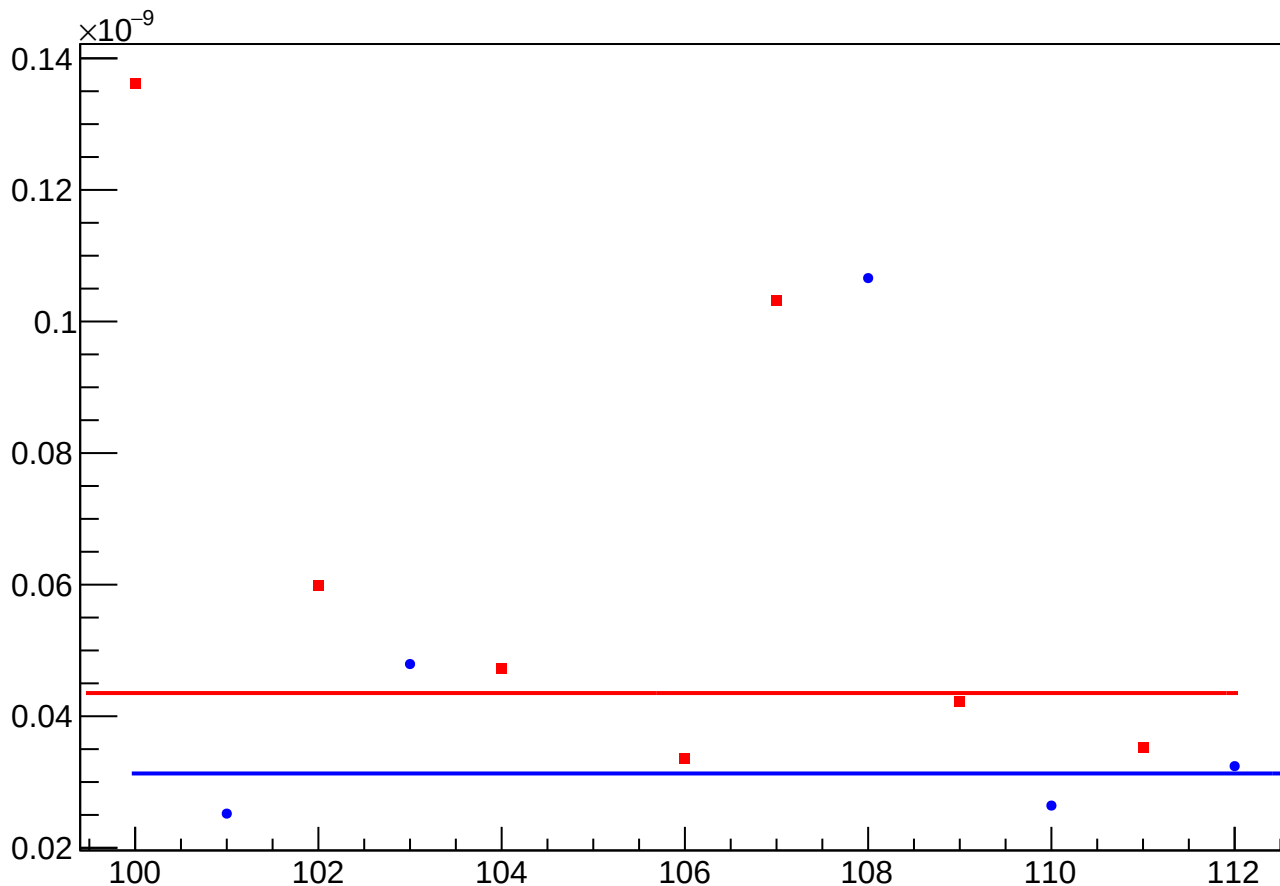
Right: 0.000+/-0.000 χ^2 /NDF: 8.8/11

In: -0.000+/-0.000 χ^2 /NDF:3.9/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 8.8/11

asym_sam3_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 446952.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 317509.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

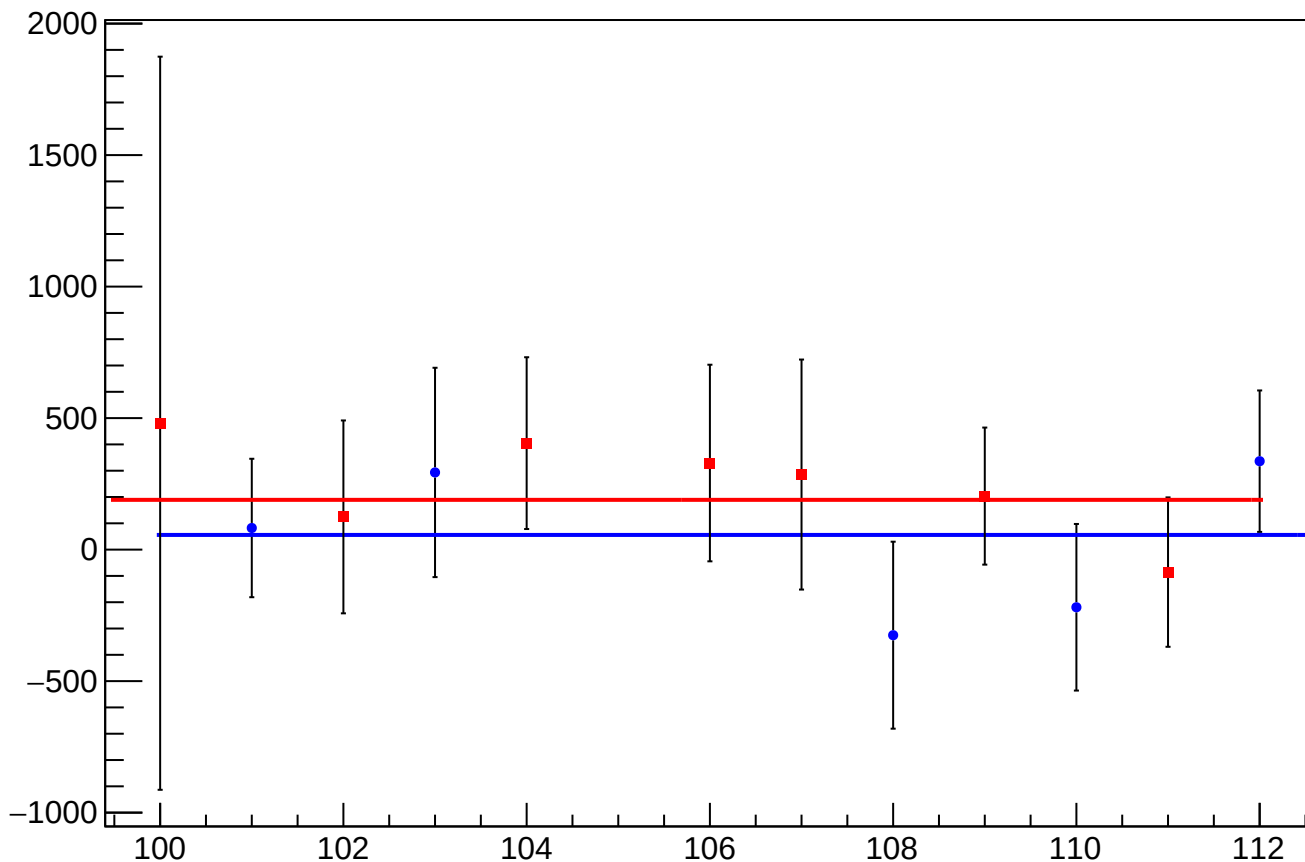
Right: 0.000+/-0.000 χ^2/NDF : 931830.2/11

In: 0.000+/-0.000 χ^2/NDF : 446952.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 931830.2/11

reg_asym_sam4_mean vs Slug, Sign Corrected



Right In: 55.835+/-138.057 χ^2/NDF : 3.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 189.206+/-132.635 χ^2/NDF : 1.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

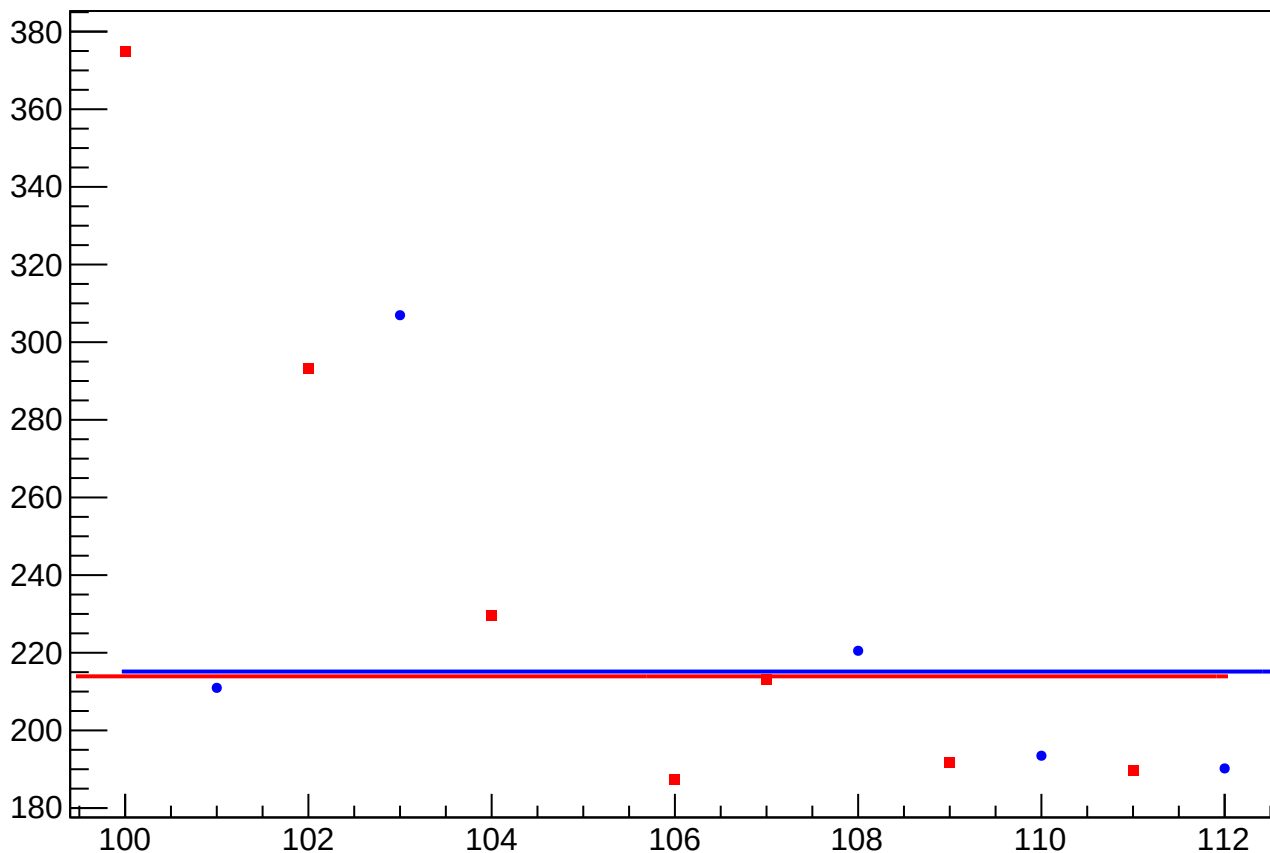
Right: 125.191+/-95.647 χ^2/NDF : 5.5/11

In: 55.835+/-138.057 χ^2/NDF : 3.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.191+/-95.647 χ^2/NDF : 5.5/11

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 215.162 $\pm$ 0.098 χ^2 /NDF: 133947.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 213.927 $\pm$ 0.094 χ^2 /NDF: 163725.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

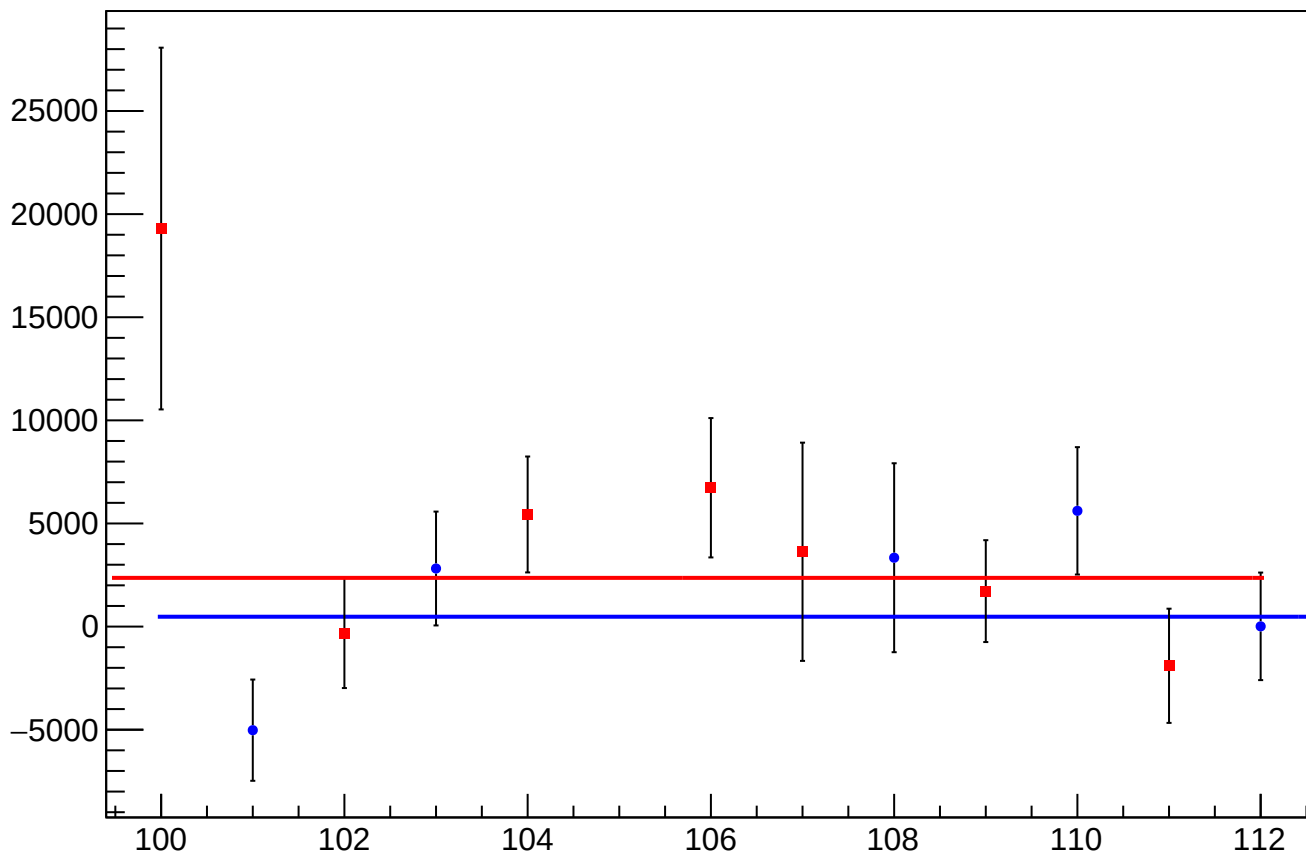
Right: 214.520 $\pm$ 0.068 χ^2 /NDF: 297756.2/11

In: 215.162 $\pm$ 0.098 χ^2 /NDF:133947.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 214.520 $\pm$ 0.068 χ^2 /NDF: 297756.2/11

asym_sam4_reg_correction_mean vs Slug, Sign Corrected



Right In: 478.280+/-1294.386 χ^2/NDF : 8.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2362.229+/-1197.031 χ^2/NDF : 10.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

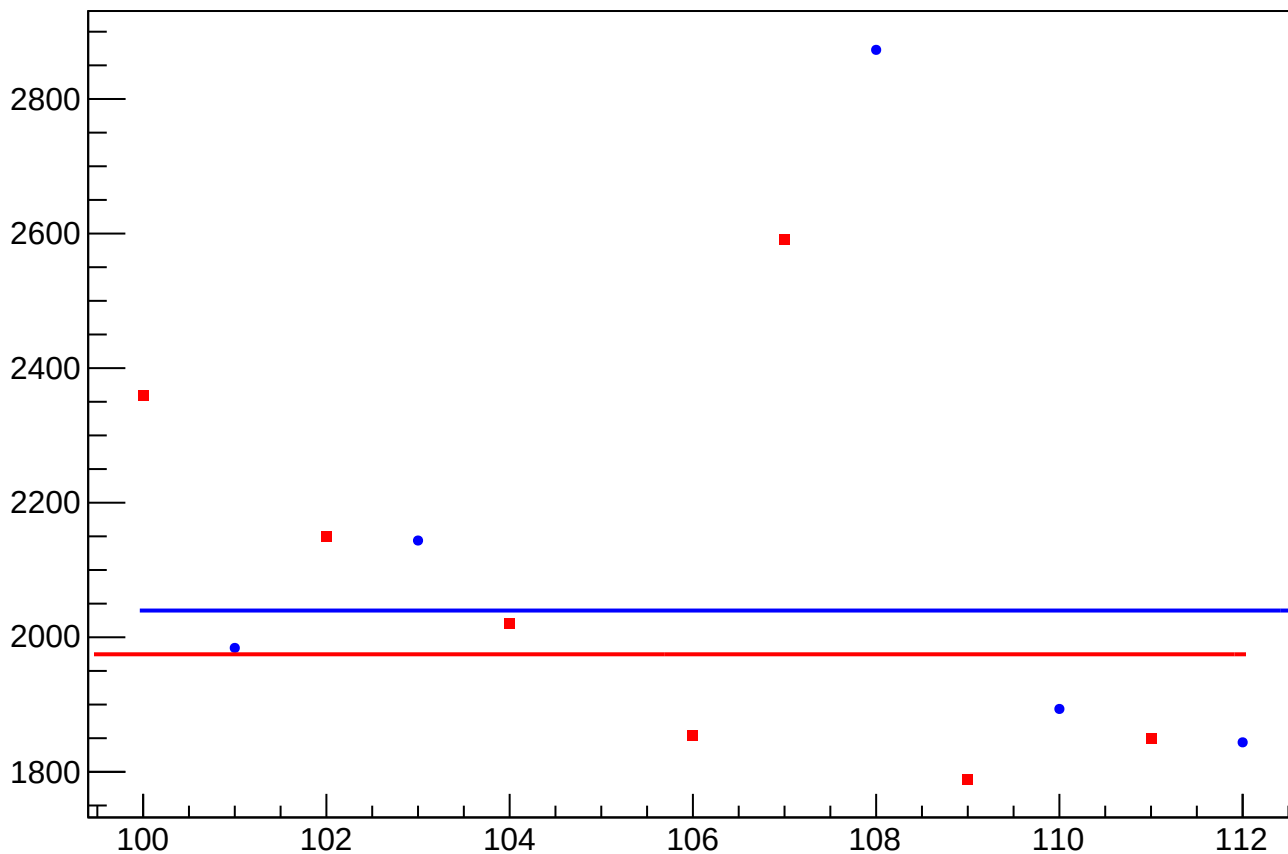
Right: 1493.760+/-878.833 χ^2/NDF : 20.2/11

In: 478.280+/-1294.386 χ^2/NDF : 8.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1493.760+/-878.833 χ^2/NDF : 20.2/11

asym_sam4_reg_correction_rms vs Slug, Sign Corrected



Right In: 2039.739+/-0.915 χ^2/NDF : 85819.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1974.716+/-0.846 χ^2/NDF : 58162.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

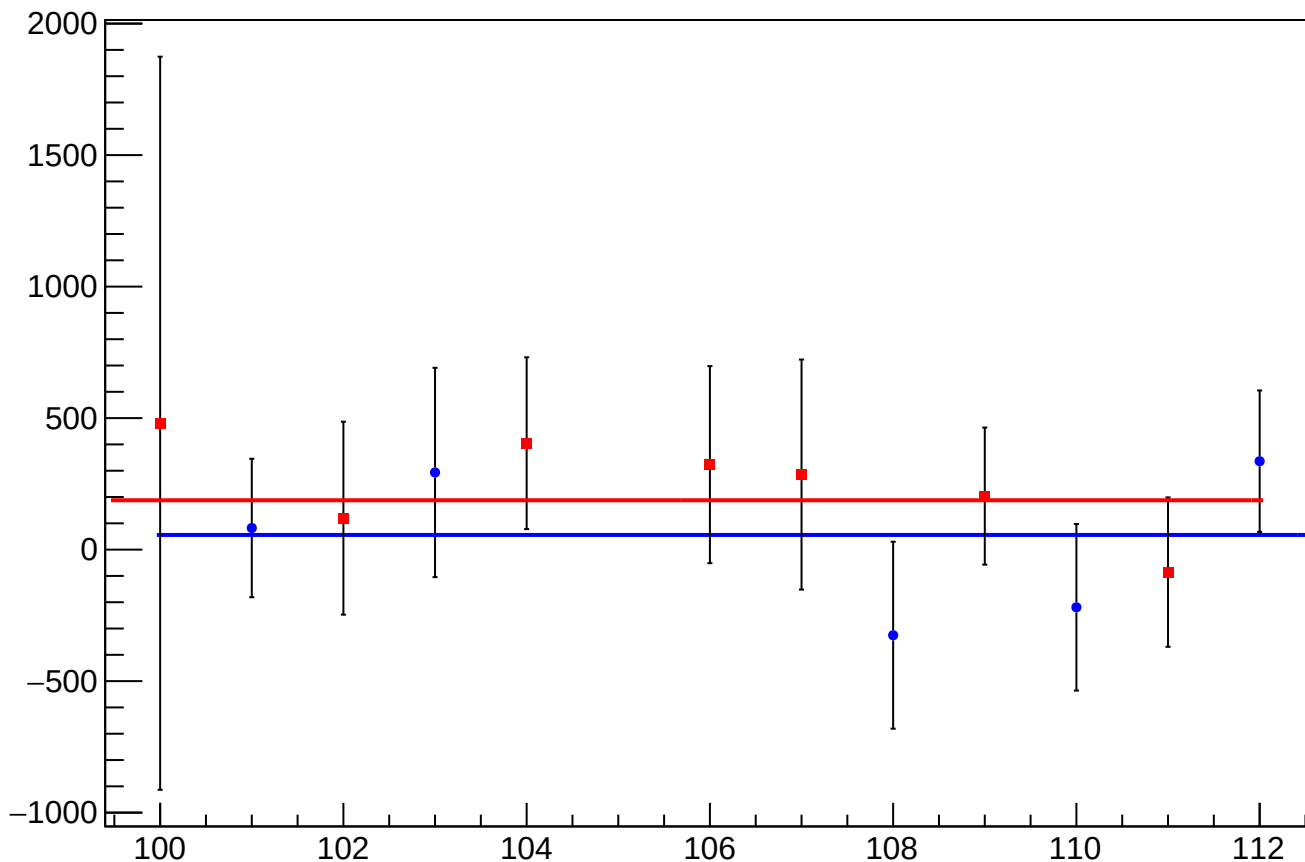
Right: 2004.690+/-0.621 χ^2/NDF : 146702.0/11

In: 2039.739+/-0.915 χ^2/NDF : 85819.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2004.690+/-0.621 χ^2/NDF : 146702.0/11

cor_asym_sam4_mean vs Slug, Sign Corrected



Right In: 55.794+/-138.057 χ^2/NDF : 3.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 187.701+/-132.683 χ^2/NDF : 1.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

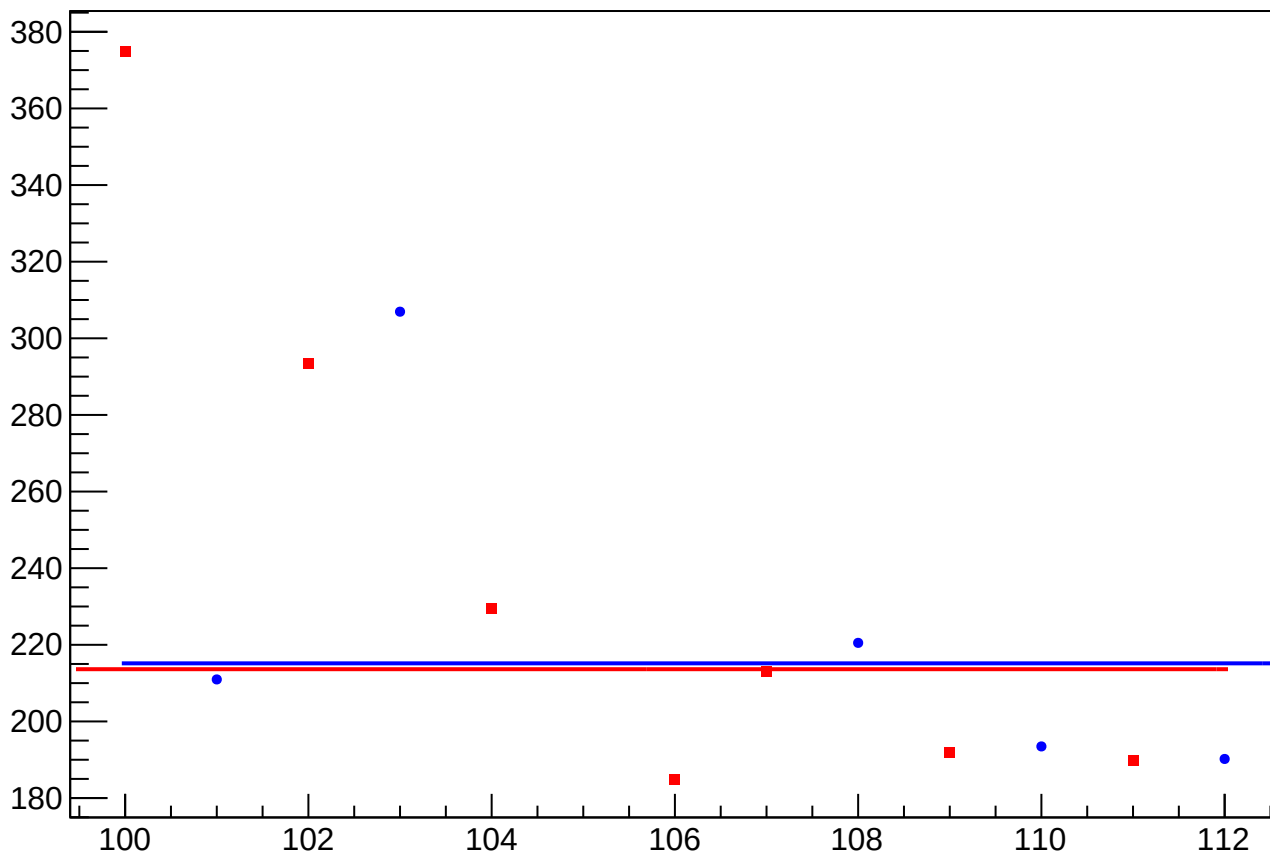
Right: 124.365+/-95.665 χ^2/NDF : 5.5/11

In: 55.794+/-138.057 χ^2/NDF : 3.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.365+/-95.665 χ^2/NDF : 5.5/11

cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 215.162+/-0.098 χ^2/NDF : 133950.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 213.635+/-0.094 χ^2/NDF : 165889.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

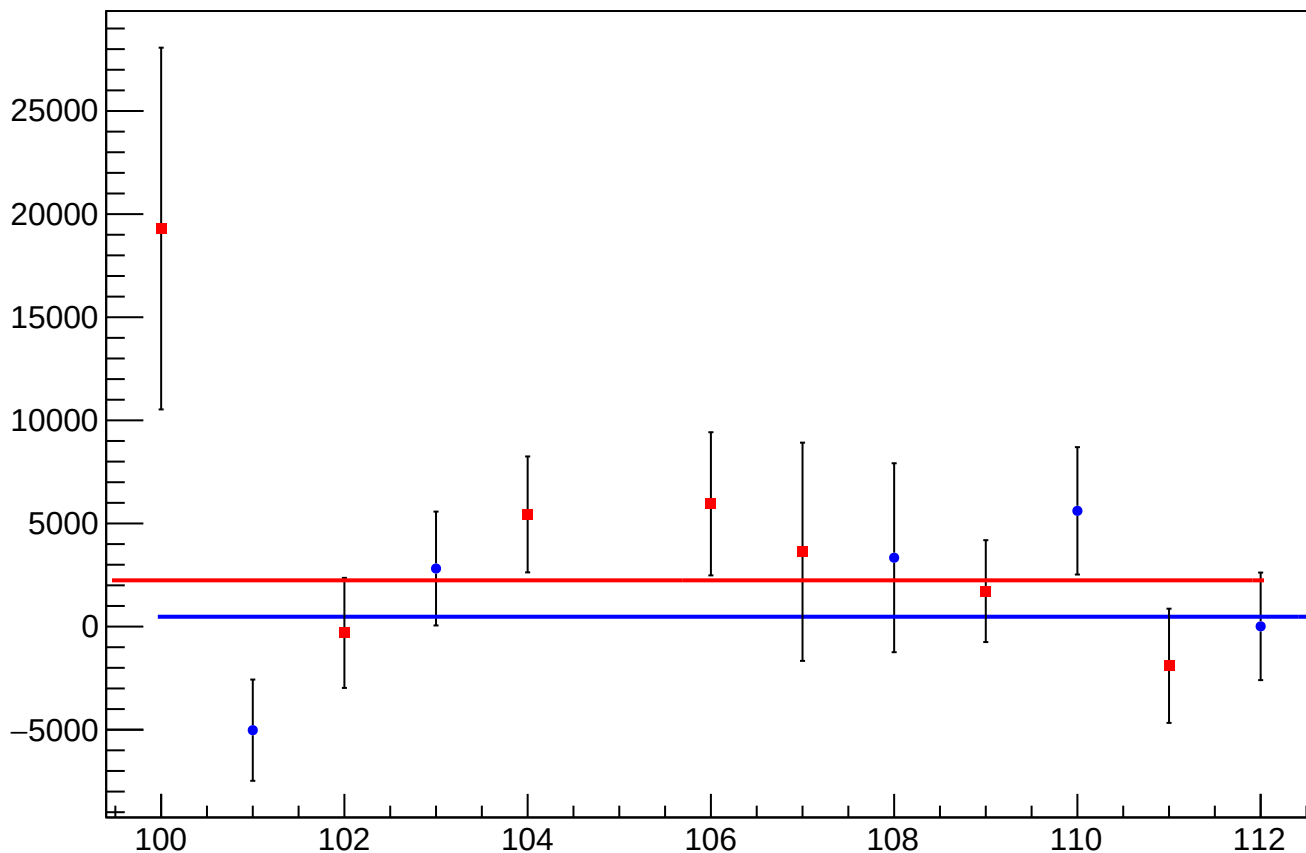
Right: 214.368+/-0.068 χ^2/NDF : 299966.4/11

In: 215.162+/-0.098 χ^2/NDF : 133950.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.368+/-0.068 χ^2/NDF : 299966.4/11

asym_sam4_cor_correction_mean vs Slug, Sign Corrected



Right In: 477.972+/-1294.408 χ^2/NDF : 8.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2242.433+/-1201.098 χ^2/NDF : 9.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

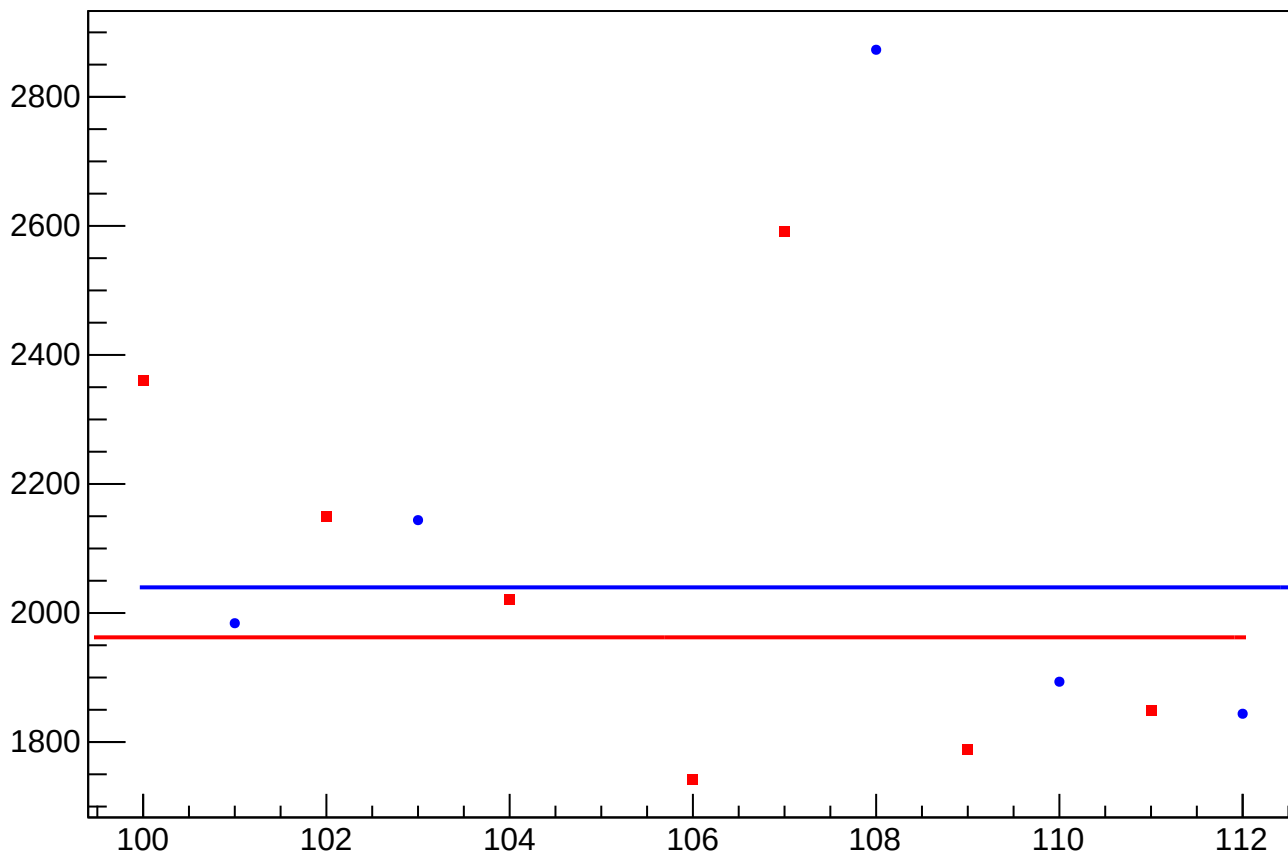
Right: 1426.086+/-880.446 χ^2/NDF : 19.4/11

In: 477.972+/-1294.408 χ^2/NDF : 8.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1426.086+/-880.446 χ^2/NDF : 19.4/11

asym_sam4_cor_correction_rms vs Slug, Sign Corrected



Right In: 2039.772+/-0.915 χ^2/NDF : 85827.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1962.301+/-0.849 χ^2/NDF : 64443.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

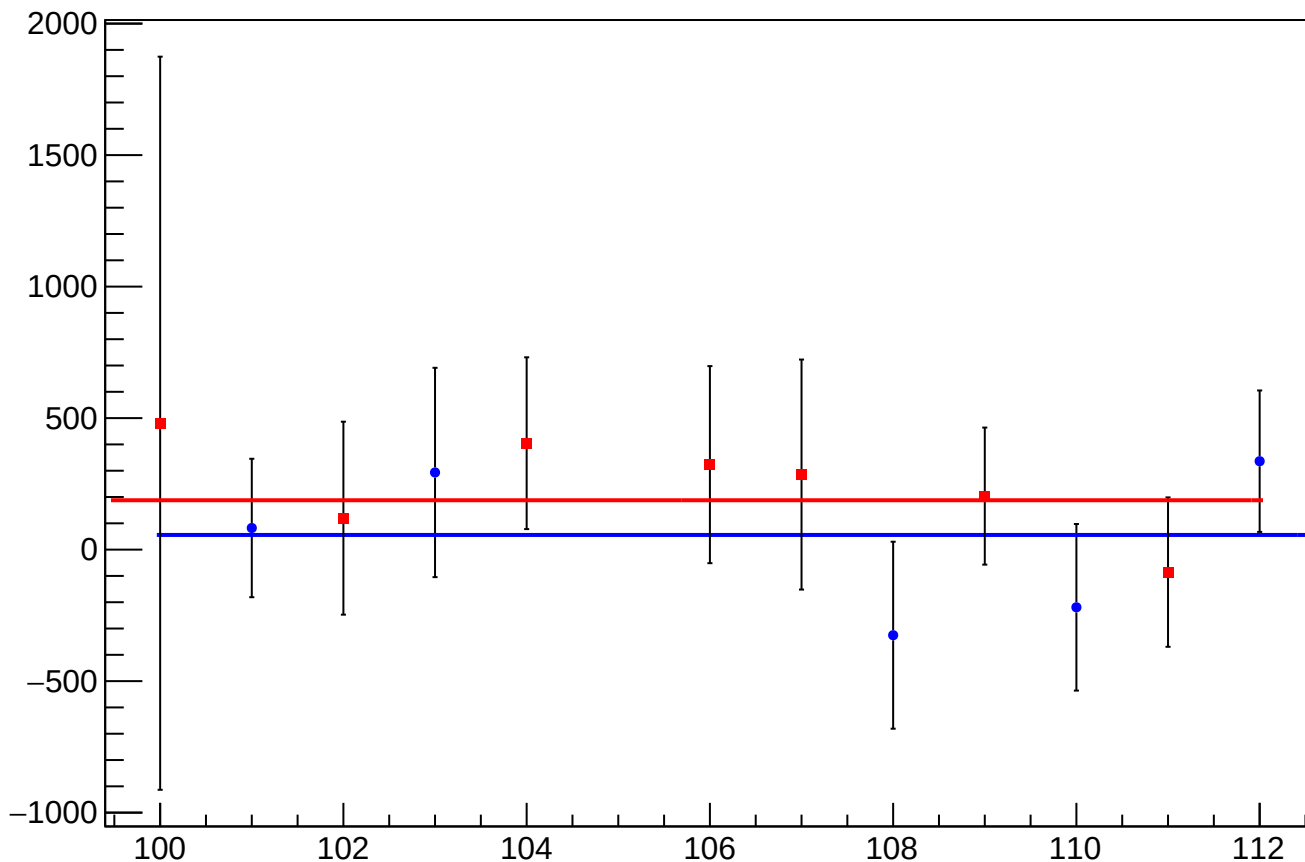
Right: 1998.144+/-0.623 χ^2/NDF : 154120.7/11

In: 2039.772+/-0.915 χ^2/NDF : 85827.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1998.144+/-0.623 χ^2/NDF : 154120.7/11

eigen_cor_asym_sam4_mean vs Slug, Sign Corrected



Right In: 55.794+/-138.057 χ^2/NDF : 3.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 187.701+/-132.683 χ^2/NDF : 1.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

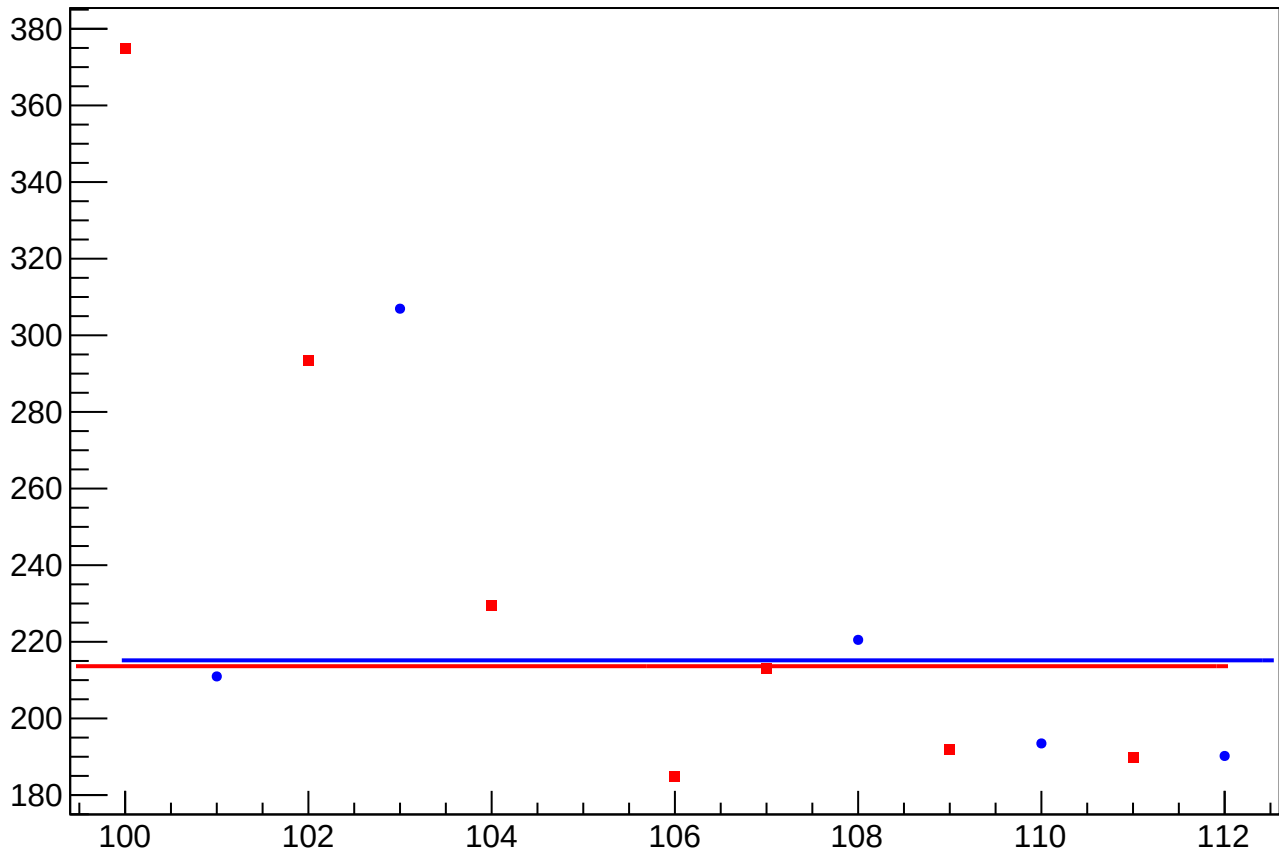
Right: 124.365+/-95.665 χ^2/NDF : 5.5/11

In: 55.794+/-138.057 χ^2/NDF : 3.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.365+/-95.665 χ^2/NDF : 5.5/11

eigen_cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 215.162+/-0.098 χ^2/NDF : 133950.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 213.635+/-0.094 χ^2/NDF : 165889.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

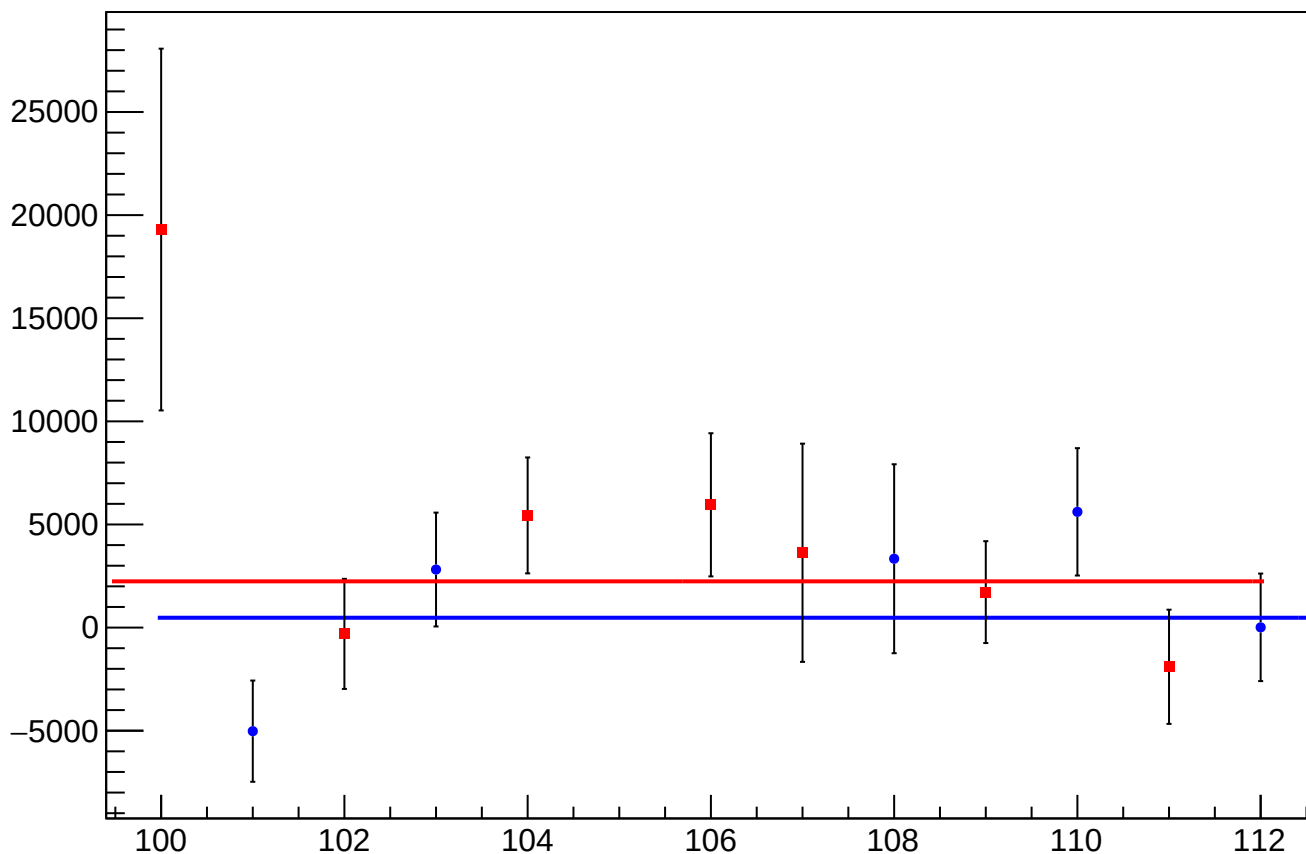
Right: 214.368+/-0.068 χ^2/NDF : 299966.4/11

In: 215.162+/-0.098 χ^2/NDF : 133950.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.368+/-0.068 χ^2/NDF : 299966.4/11

asym_sam4_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 477.972+/-1294.408 χ^2/NDF : 8.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2242.433+/-1201.098 χ^2/NDF : 9.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

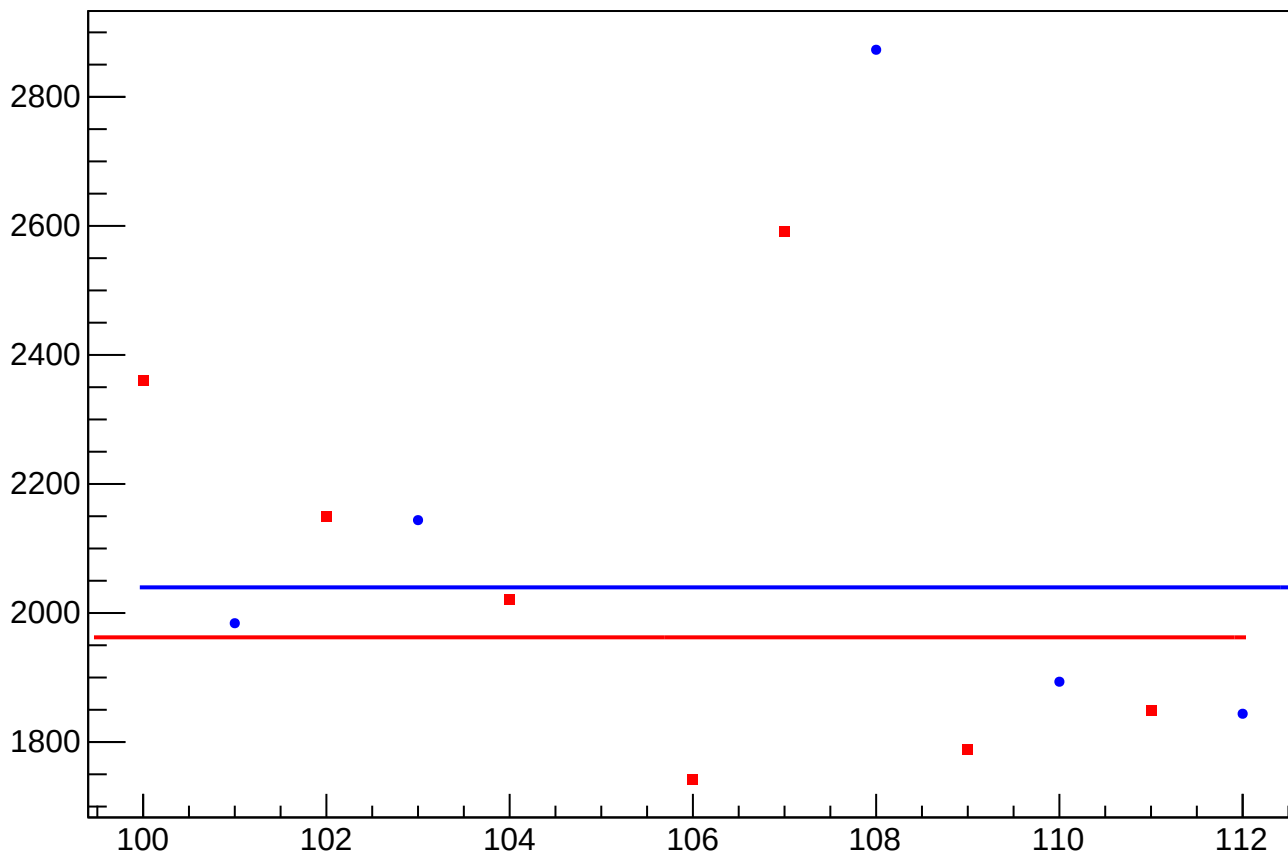
Right: 1426.086+/-880.446 χ^2/NDF : 19.4/11

In: 477.972+/-1294.408 χ^2/NDF : 8.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1426.086+/-880.446 χ^2/NDF : 19.4/11

asym_sam4_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2039.772+/-0.915 χ^2/NDF : 85827.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1962.301+/-0.849 χ^2/NDF : 64443.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

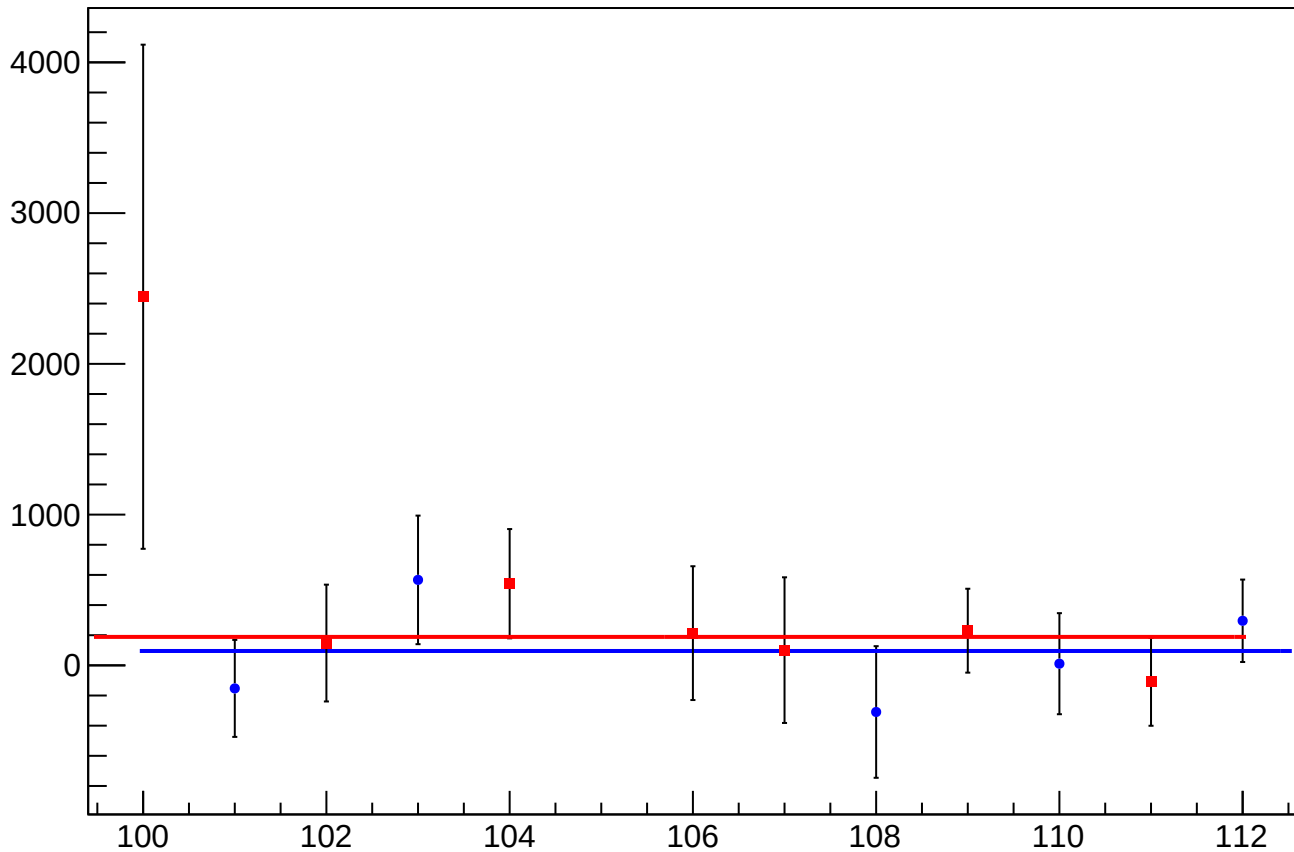
Right: 1998.144+/-0.623 χ^2/NDF : 154120.7/11

In: 2039.772+/-0.915 χ^2/NDF : 85827.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1998.144+/-0.623 χ^2/NDF : 154120.7/11

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 95.384+/-153.056 χ^2/NDF : 3.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 188.798+/-143.338 χ^2/NDF : 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

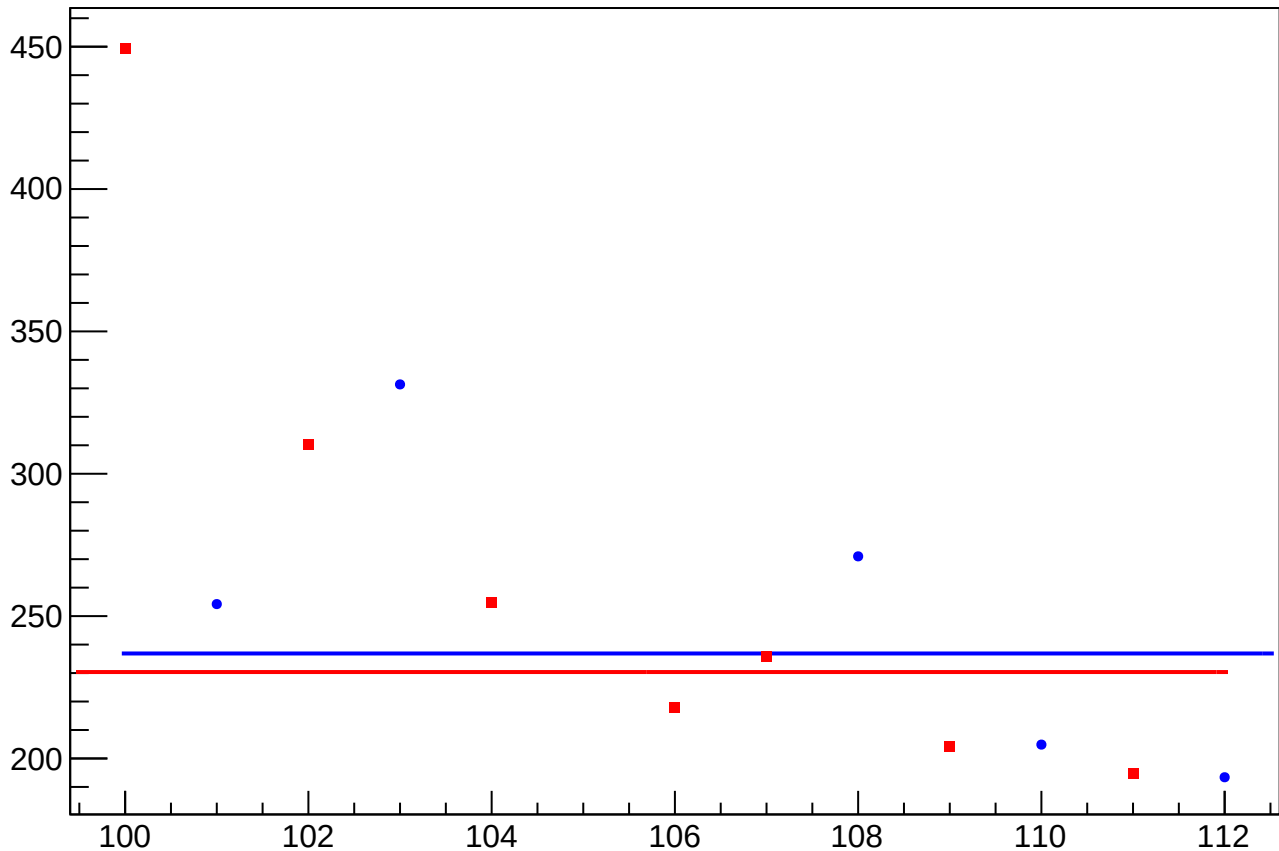
Right: 145.151+/-104.622 χ^2/NDF : 7.4/11

In: 95.384+/-153.056 χ^2/NDF : 3.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.151+/-104.622 χ^2/NDF : 7.4/11

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 236.876+/-0.108 χ^2/NDF : 185051.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 230.358+/-0.101 χ^2/NDF : 177786.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

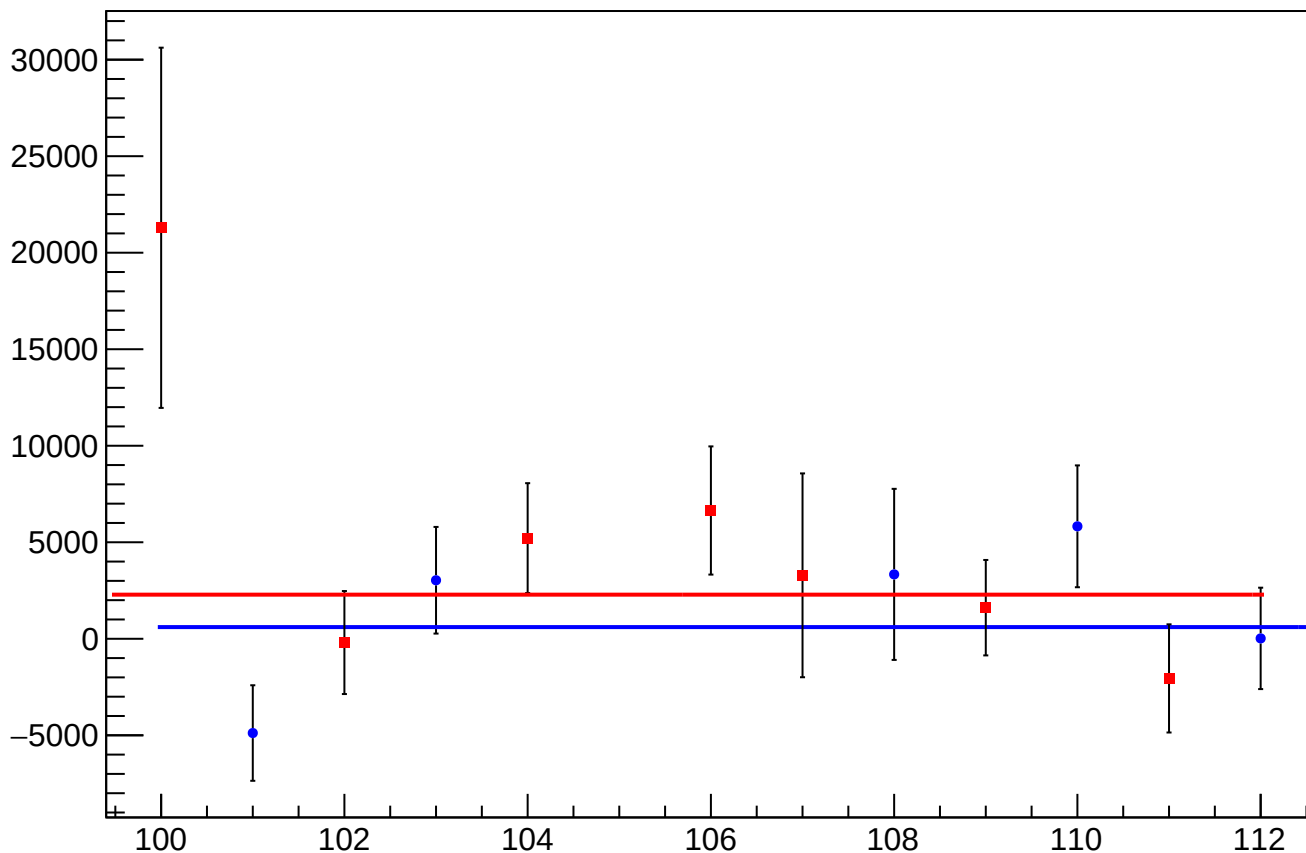
Right: 233.404+/-0.074 χ^2/NDF : 364770.8/11

In: 236.876+/-0.108 χ^2/NDF : 185051.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 233.404+/-0.074 χ^2/NDF : 364770.8/11

asym_sam4_dit_correction_mean vs Slug, Sign Corrected



Right In: 605.670+/-1301.165 χ^2/NDF : 8.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2285.718+/-1201.197 χ^2/NDF : 10.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

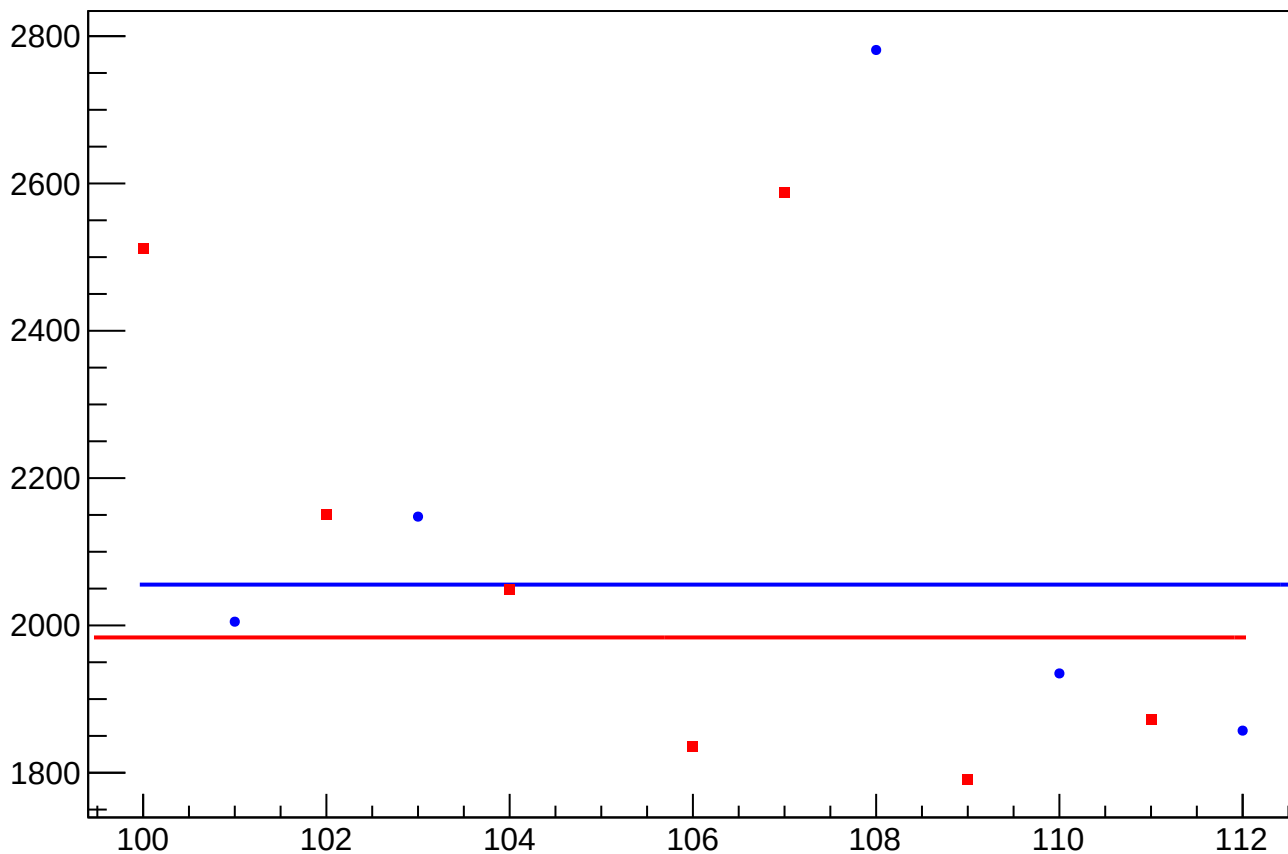
Right: 1512.704+/-882.603 χ^2/NDF : 20.1/11

In: 605.670+/-1301.165 χ^2/NDF : 8.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1512.704+/-882.603 χ^2/NDF : 20.1/11

asym_sam4_dit_correction_rms vs Slug, Sign Corrected



Right In: 2055.407 $\pm$ 0.920 χ^2 /NDF: 71038.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1983.685 $\pm$ 0.849 χ^2 /NDF: 60751.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

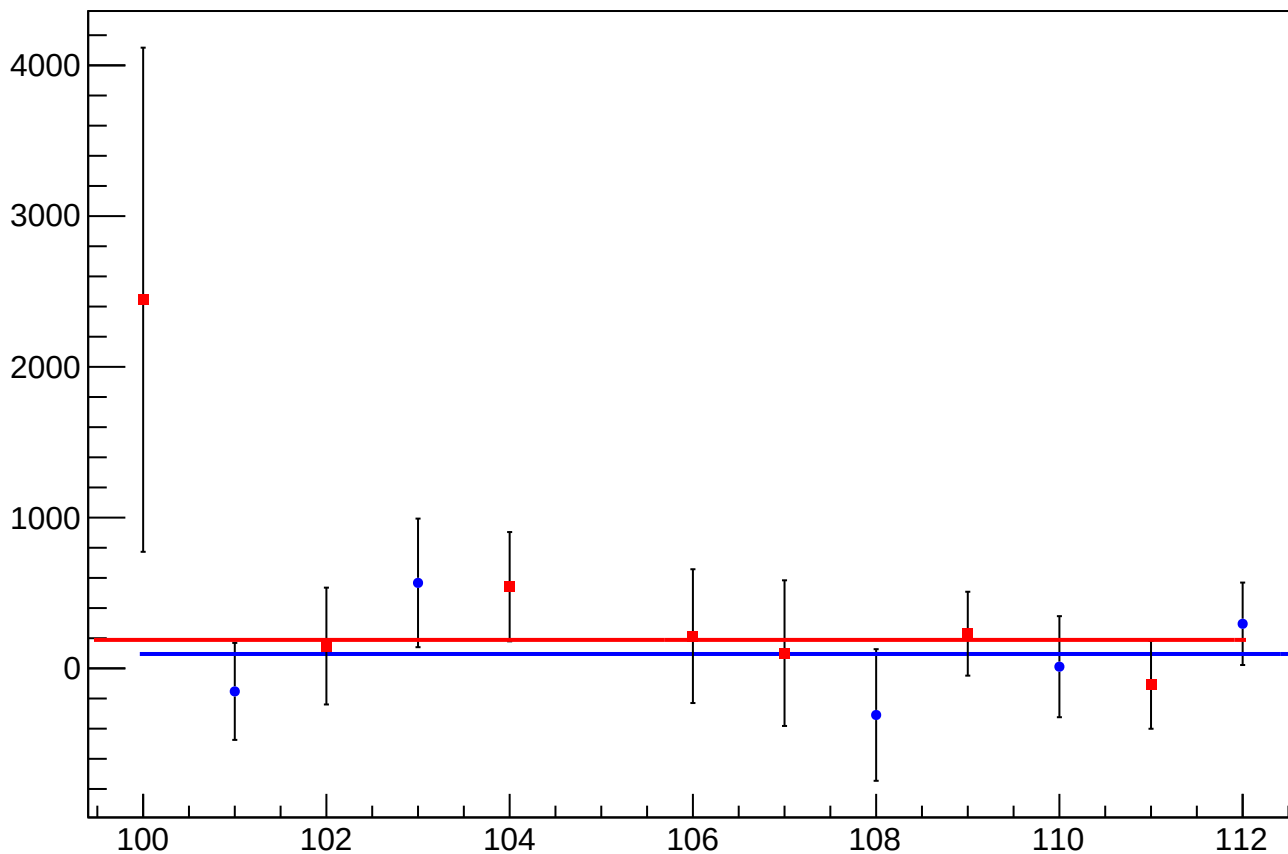
Right: 2016.686 $\pm$ 0.624 χ^2 /NDF: 135070.4/11

In: 2055.407 $\pm$ 0.920 χ^2 /NDF:71038.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2016.686 $\pm$ 0.624 χ^2 /NDF: 135070.4/11

eigen_dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 95.384 $\pm$ 153.056 χ^2/NDF : 3.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 188.797 $\pm$ 143.338 χ^2/NDF : 3.9/6

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

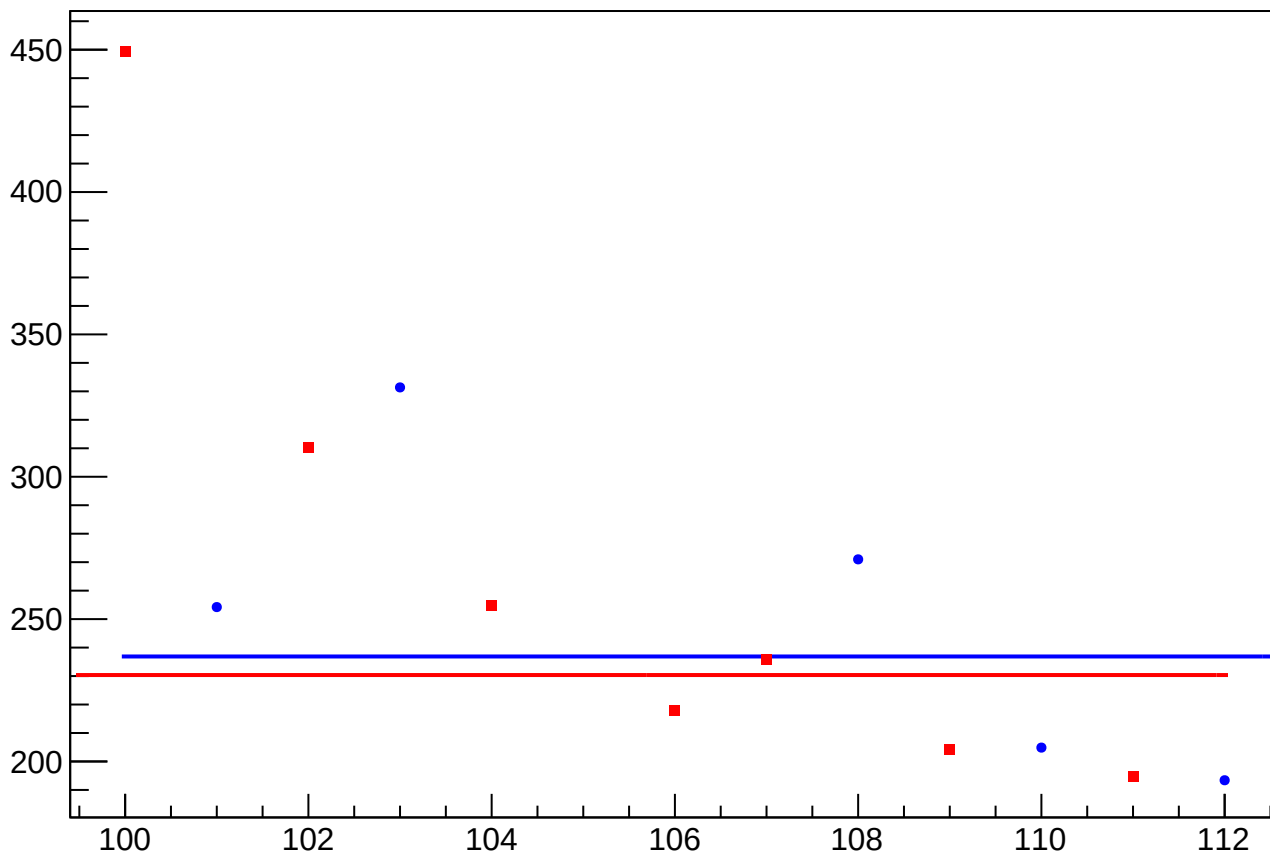
Right: 145.150 $\pm$ 104.622 χ^2/NDF : 7.4/11

In: 95.384 $\pm$ 153.056 χ^2/NDF : 3.3/4

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 145.150 $\pm$ 104.622 χ^2/NDF : 7.4/11

eigen_dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 236.876+/-0.108 χ^2/NDF : 185055.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 230.358+/-0.101 χ^2/NDF : 177787.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

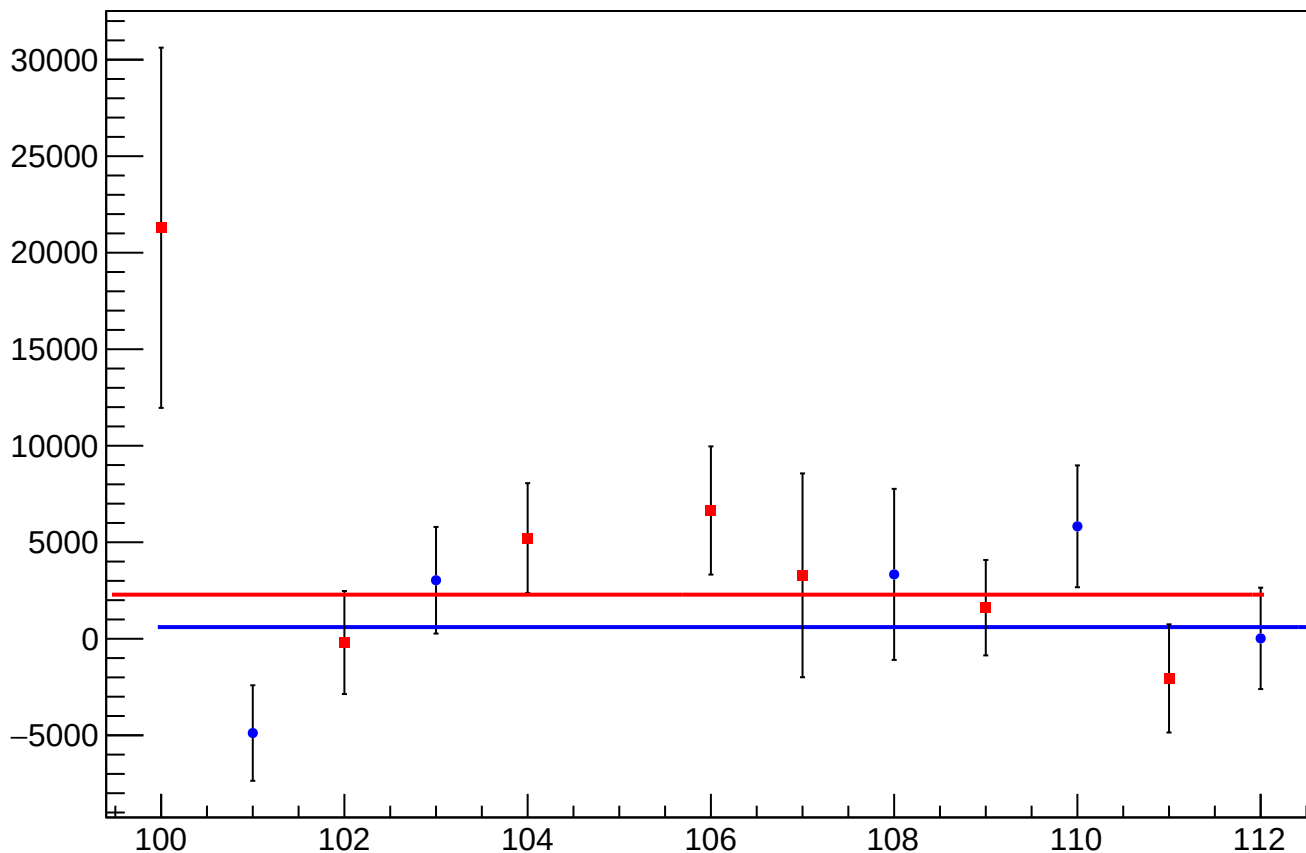
Right: 233.404+/-0.074 χ^2/NDF : 364775.0/11

In: 236.876+/-0.108 χ^2/NDF : 185055.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 233.404+/-0.074 χ^2/NDF : 364775.0/11

asym_sam4_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 605.671+/-1301.165 χ^2/NDF : 8.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2285.715+/-1201.196 χ^2/NDF : 10.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

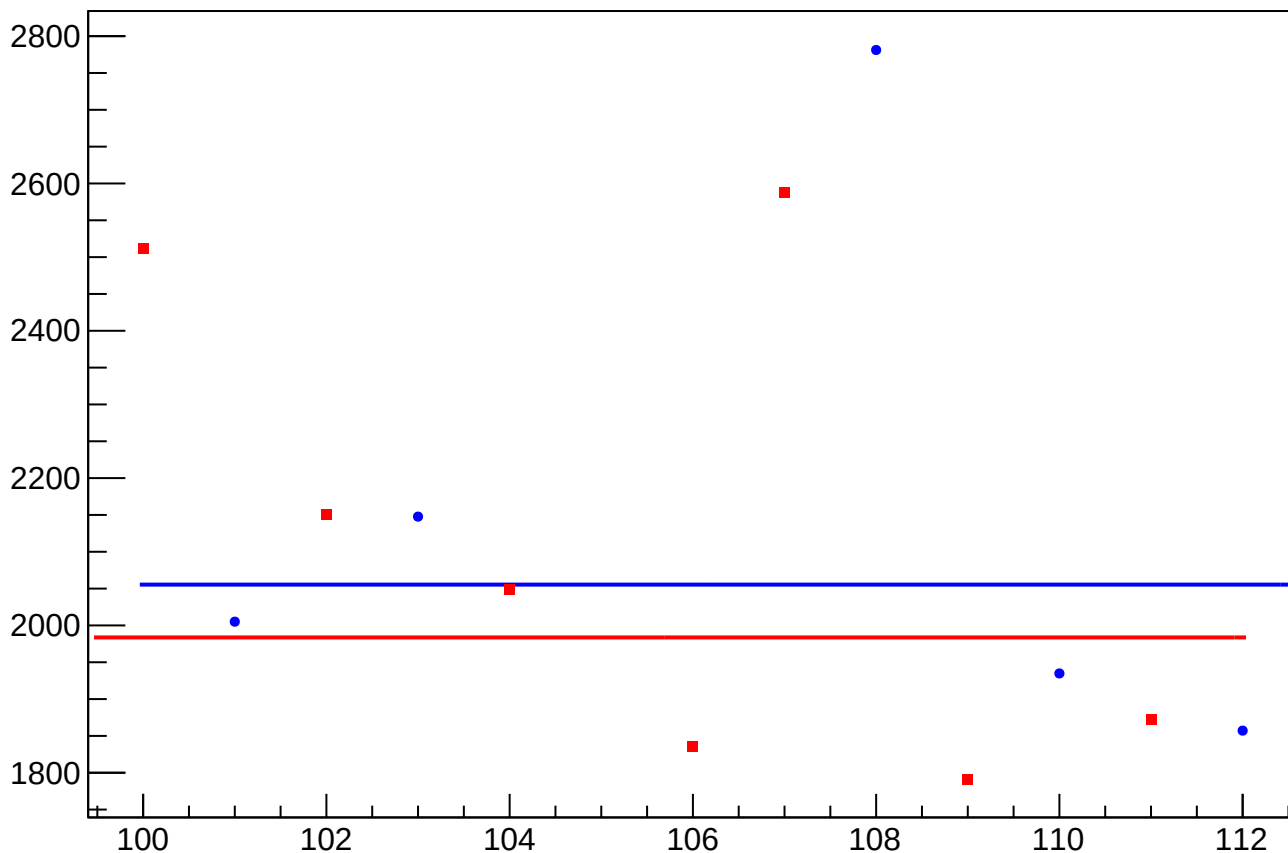
Right: 1512.703+/-882.602 χ^2/NDF : 20.1/11

In: 605.671+/-1301.165 χ^2/NDF : 8.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1512.703+/-882.602 χ^2/NDF : 20.1/11

asym_sam4_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2055.406 $\pm$ 0.920 χ^2 /NDF: 71038.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1983.685 $\pm$ 0.849 χ^2 /NDF: 60752.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

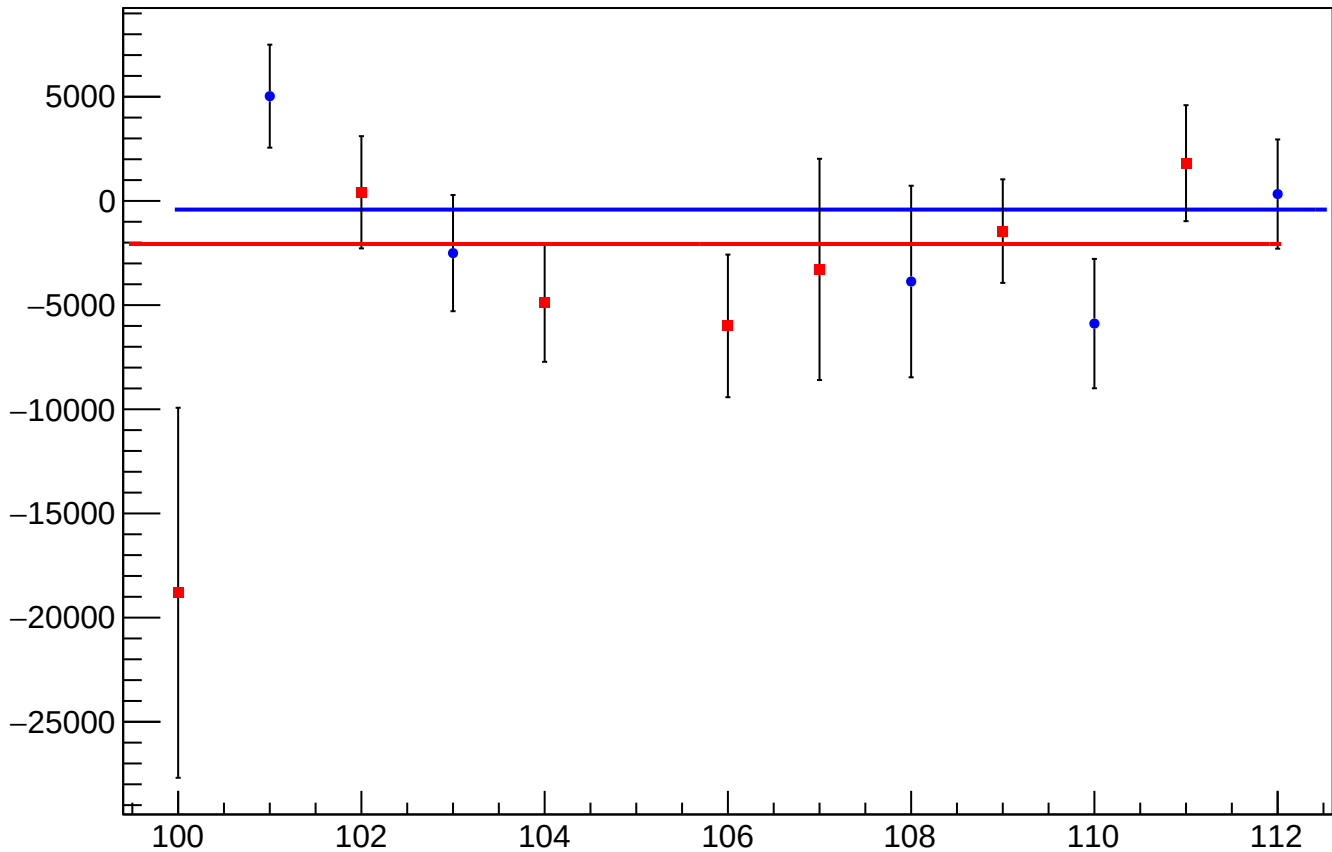
Right: 2016.685 $\pm$ 0.624 χ^2 /NDF: 135071.5/11

In: 2055.406 $\pm$ 0.920 χ^2 /NDF:71038.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2016.685 $\pm$ 0.624 χ^2 /NDF: 135071.5/11

asym_sam4_mean vs Slug, Sign Corrected



Right In: -415.296+/-1303.210 χ^2/NDF : 9.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2067.012+/-1206.378 χ^2/NDF : 8.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

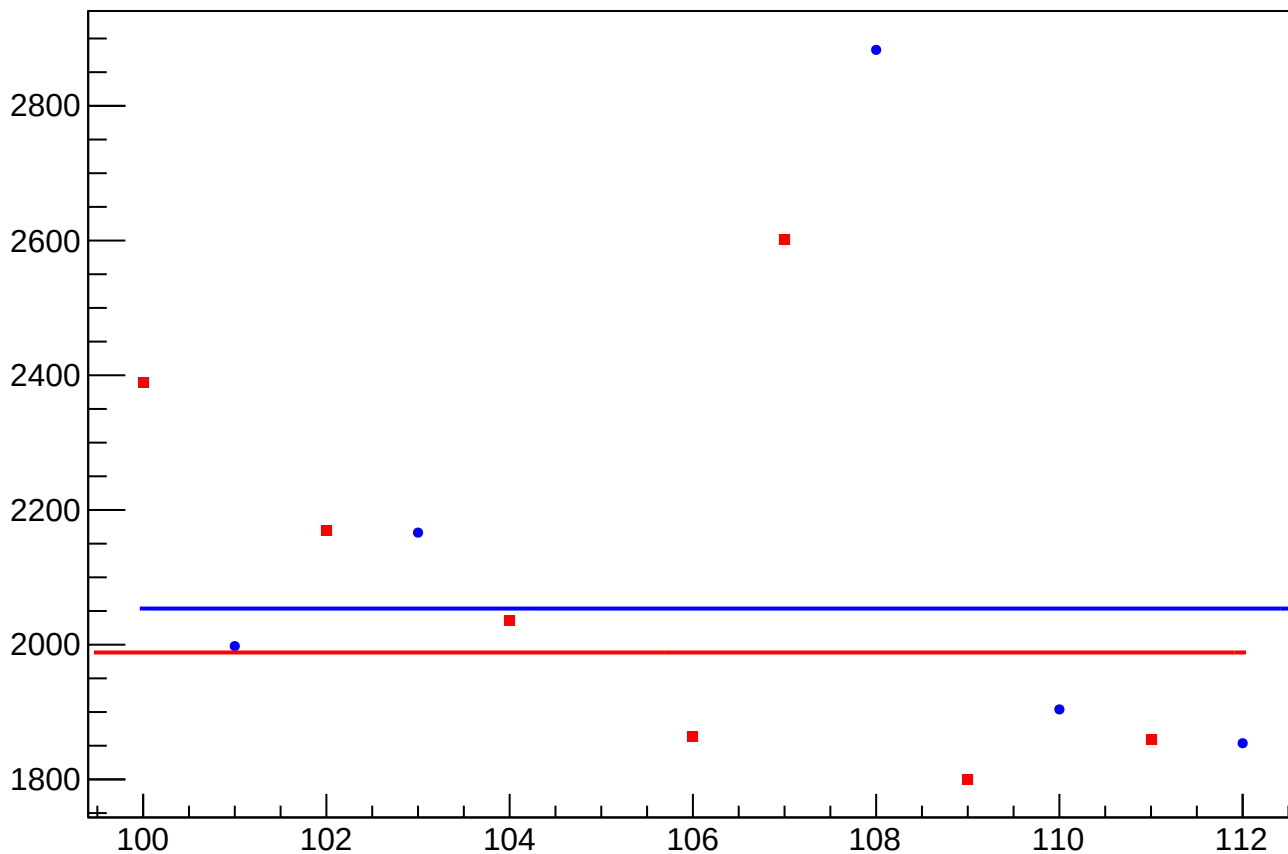
Right: -1304.791+/-885.294 χ^2/NDF : 18.8/11

In: -415.296+/-1303.210 χ^2/NDF : 9.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1304.791+/-885.294 χ^2/NDF : 18.8/11

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2053.627+/-0.922 χ^2/NDF : 85691.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1988.429+/-0.853 χ^2/NDF : 58850.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

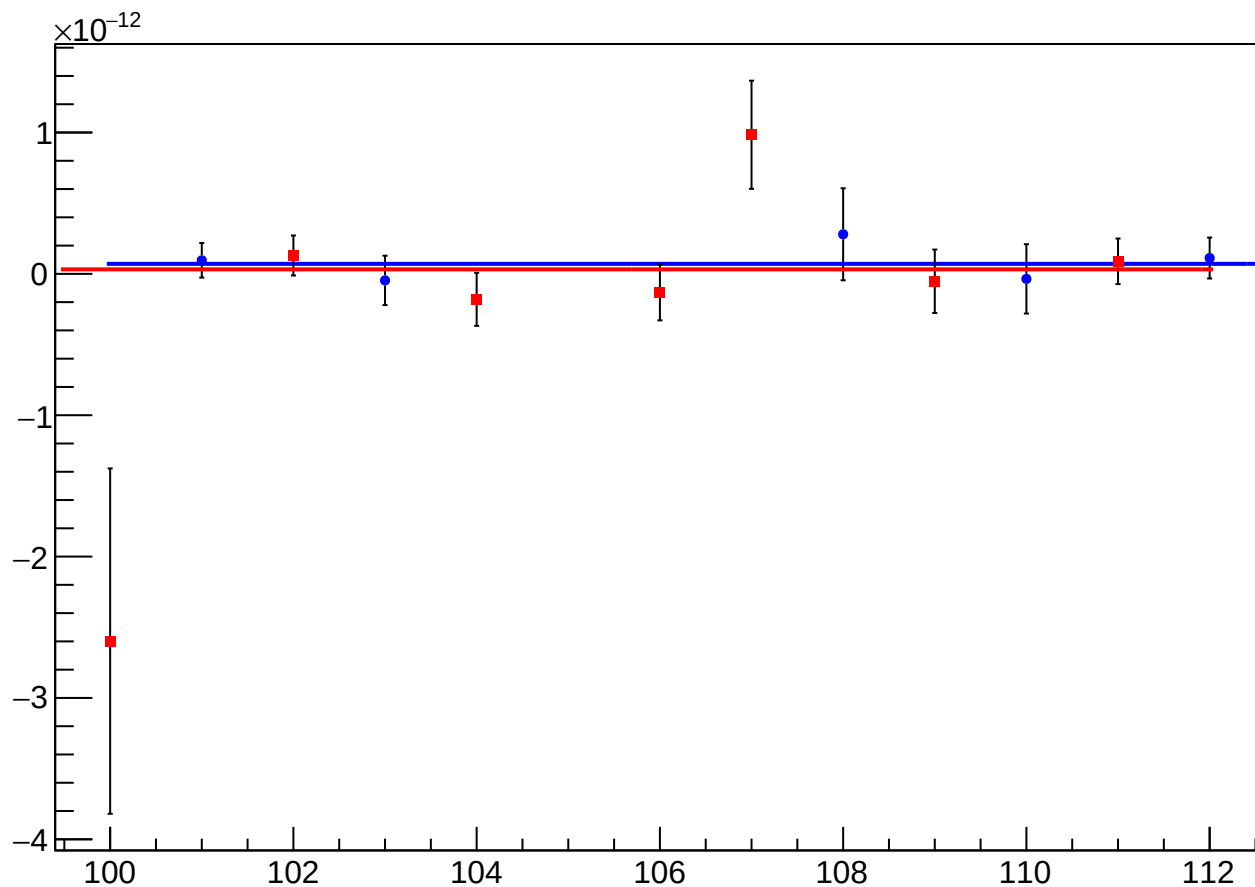
Right: 2018.516+/-0.626 χ^2/NDF : 147237.4/11

In: 2053.627+/-0.922 χ^2/NDF : 85691.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2018.516+/-0.626 χ^2/NDF : 147237.4/11

asym_sam4_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

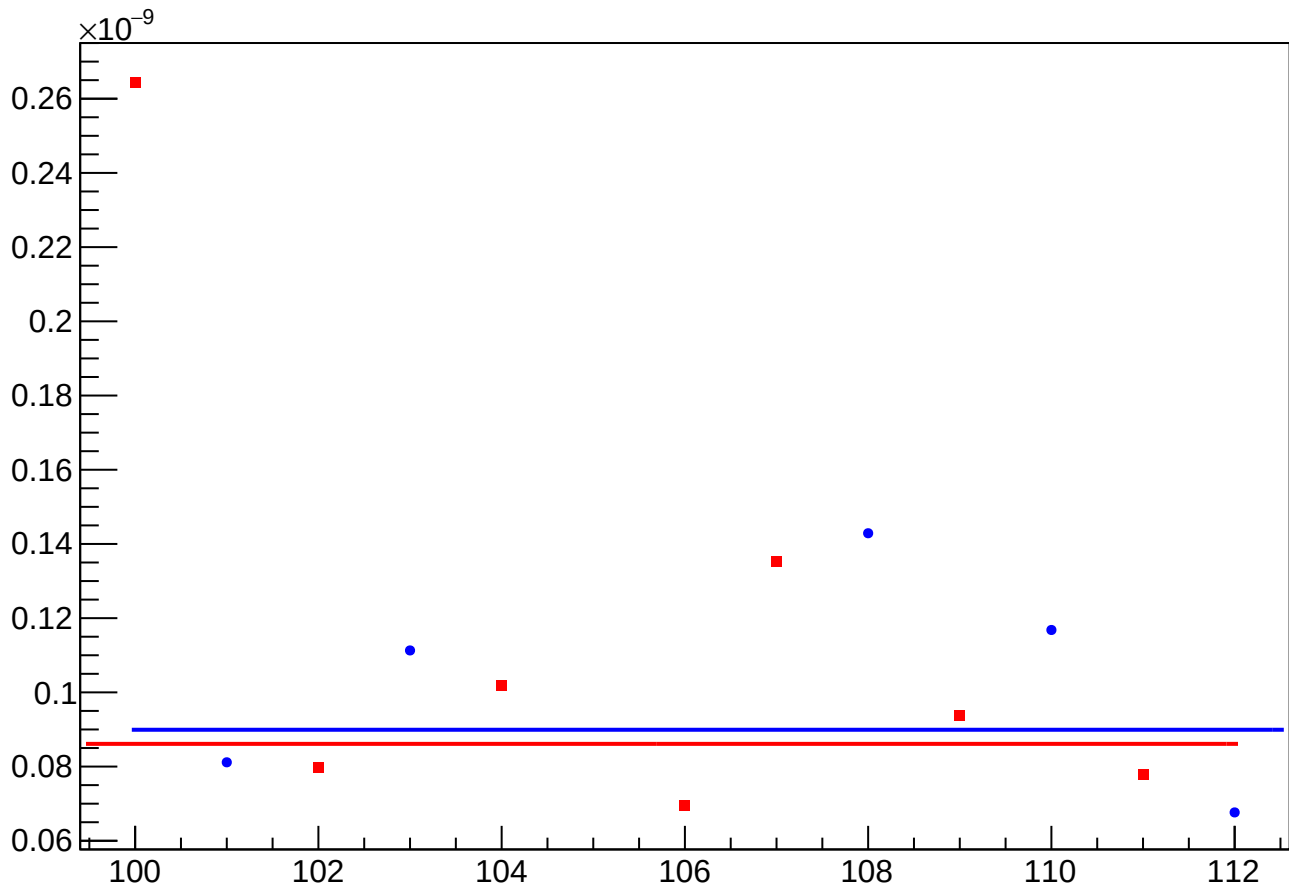
Right: 0.000+/-0.000 χ^2/NDF : 14.8/11

In: 0.000+/-0.000 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.8/11

asym_sam4_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 164514.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 115414.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

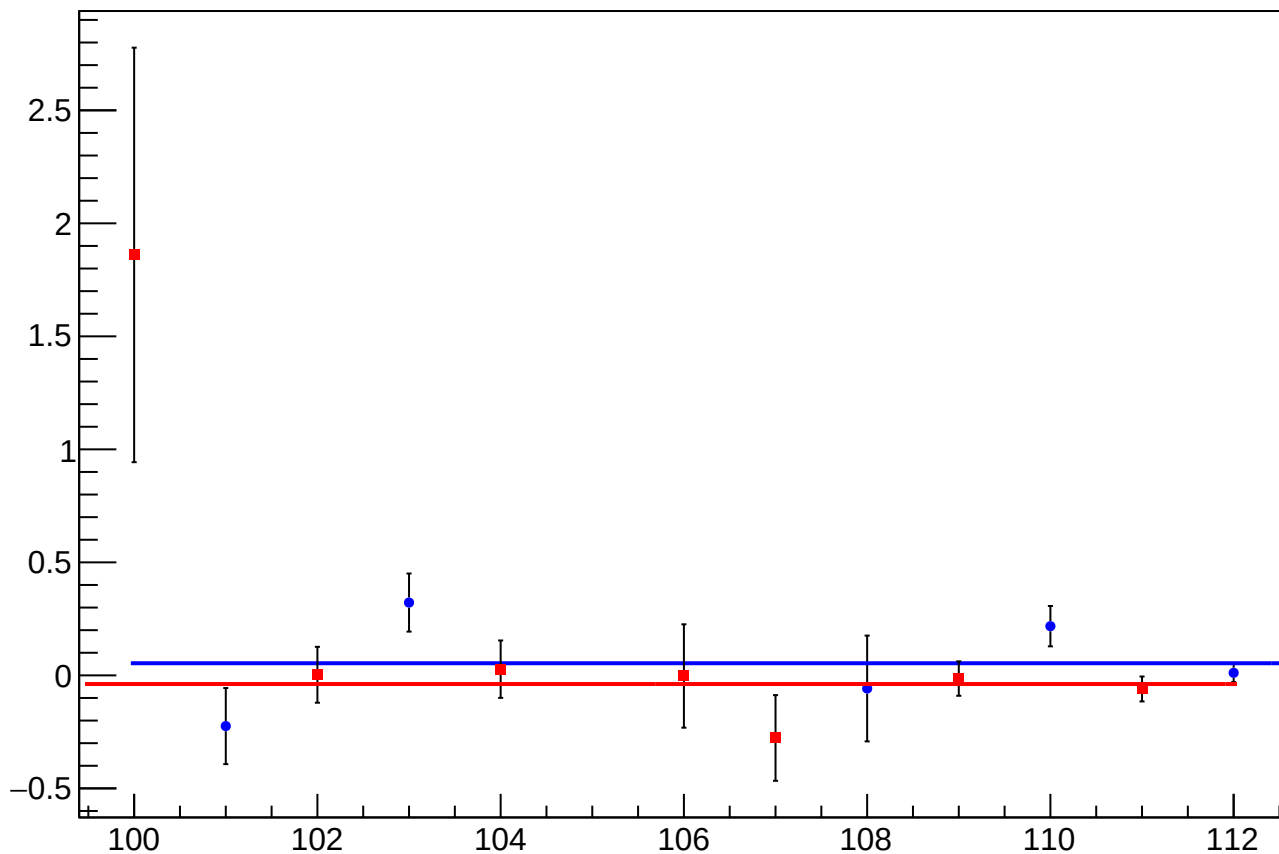
Right: 0.000+/-0.000 χ^2/NDF : 282408.5/11

In: 0.000+/-0.000 χ^2/NDF : 164514.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 282408.5/11

asym_sam4_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.054+/-0.035 χ^2/NDF : 11.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.038+/-0.038 χ^2/NDF : 6.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

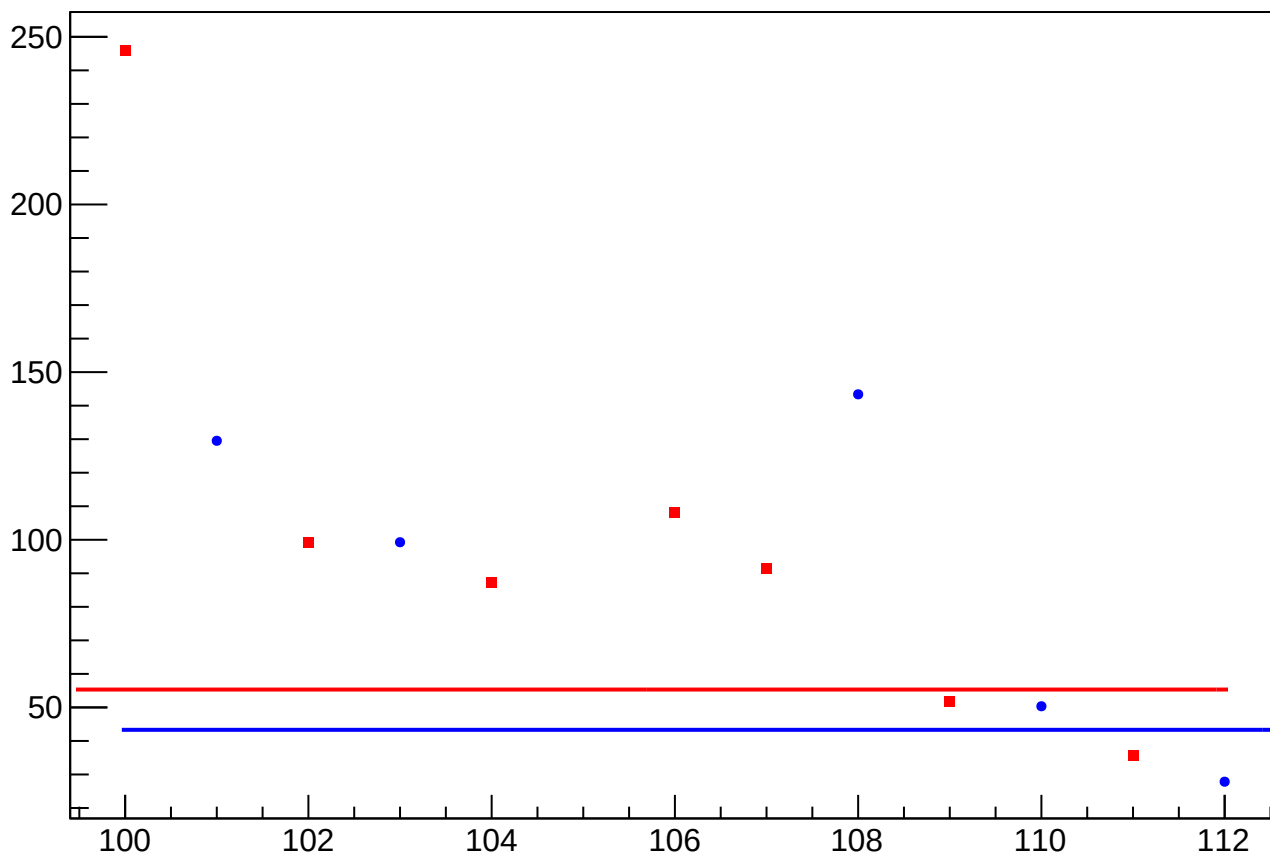
Right: 0.012+/-0.026 χ^2/NDF : 21.4/11

In: 0.054+/-0.035 χ^2/NDF : 11.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.026 χ^2/NDF : 21.4/11

asym_sam4_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 43.321+/-0.025 χ^2/NDF : 1564148.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.333+/-0.027 χ^2/NDF : 906238.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

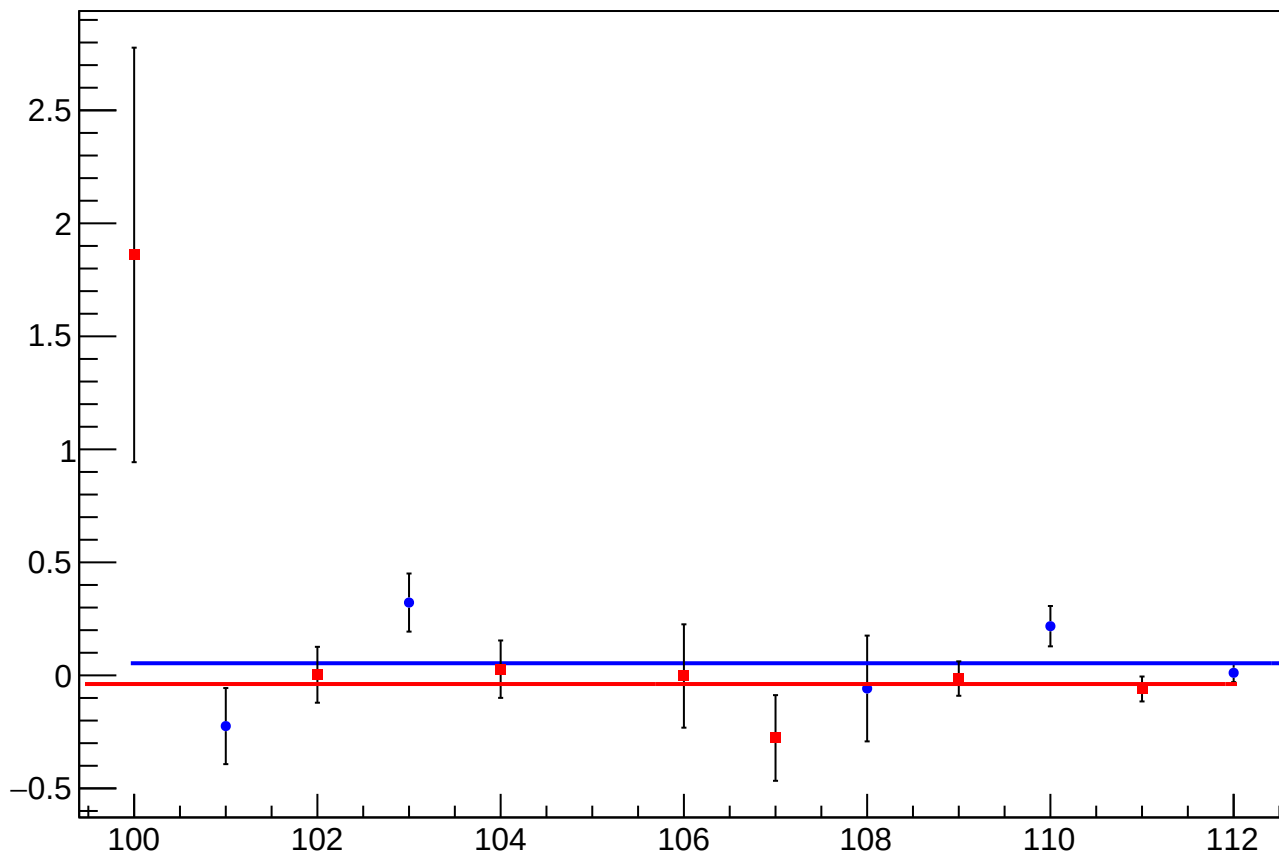
Right: 48.718+/-0.018 χ^2/NDF : 2578034.2/11

In: 43.321+/-0.025 χ^2/NDF : 1564148.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.718+/-0.018 χ^2/NDF : 2578034.2/11

asym_sam4_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.054+/-0.035 χ^2/NDF : 11.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.038+/-0.038 χ^2/NDF : 6.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

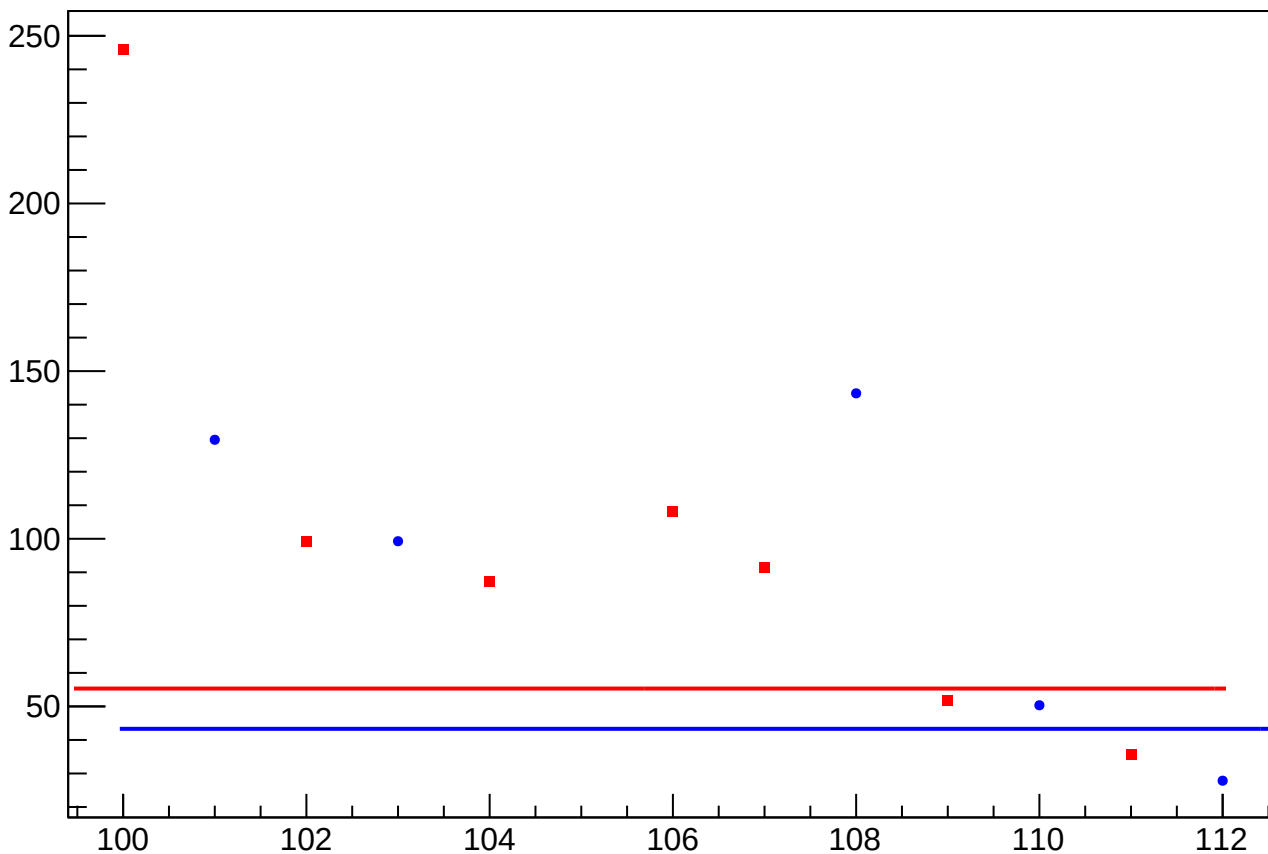
Right: 0.012+/-0.026 χ^2/NDF : 21.4/11

In: 0.054+/-0.035 χ^2/NDF : 11.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.026 χ^2/NDF : 21.4/11

asym_sam4_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 43.321+/-0.025 χ^2/NDF : 1564148.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.333+/-0.027 χ^2/NDF : 906238.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

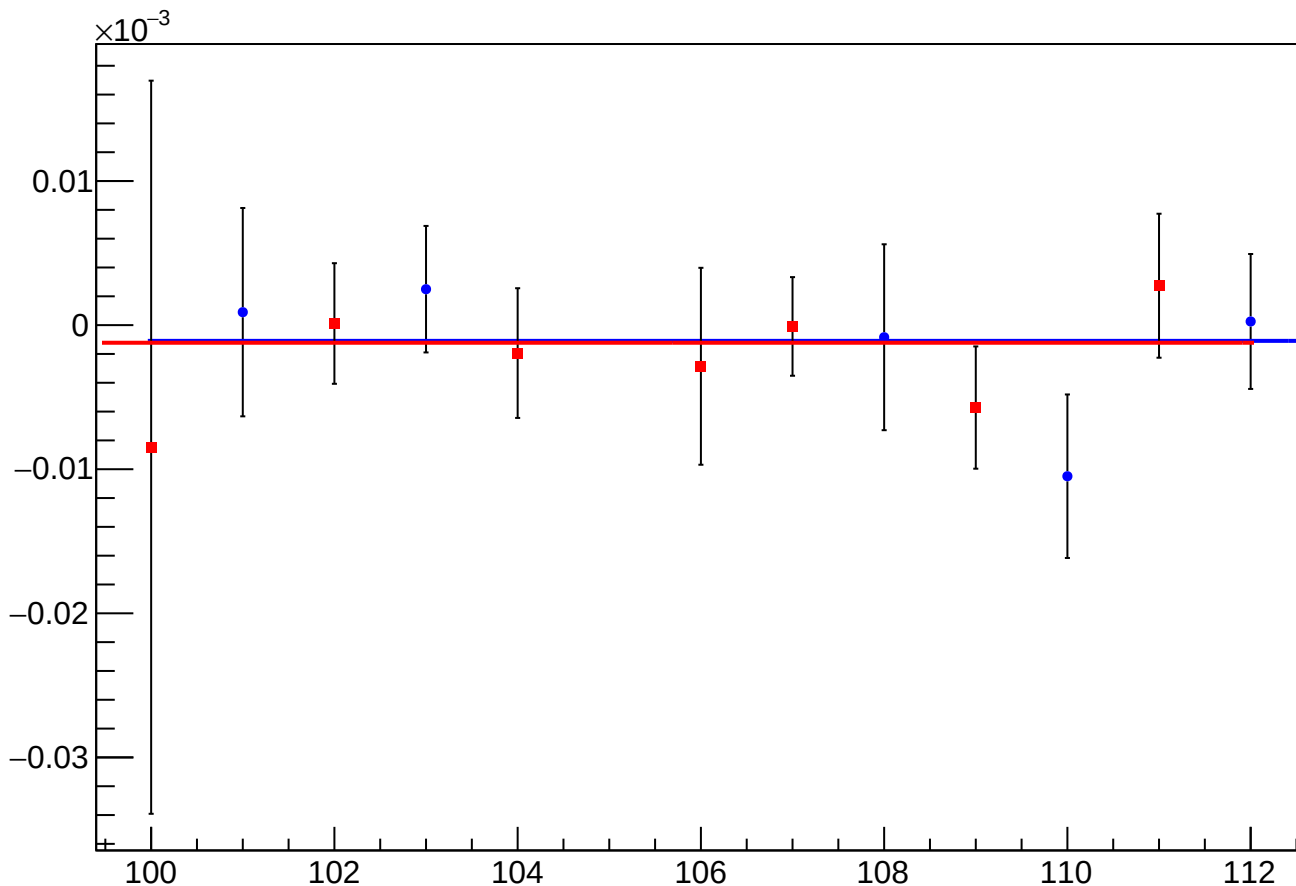
Right: 48.718+/-0.018 χ^2/NDF : 2578034.2/11

In: 43.321+/-0.025 χ^2/NDF : 1564148.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.718+/-0.018 χ^2/NDF : 2578034.2/11

asym_sam4_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 3.6/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 2.1/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

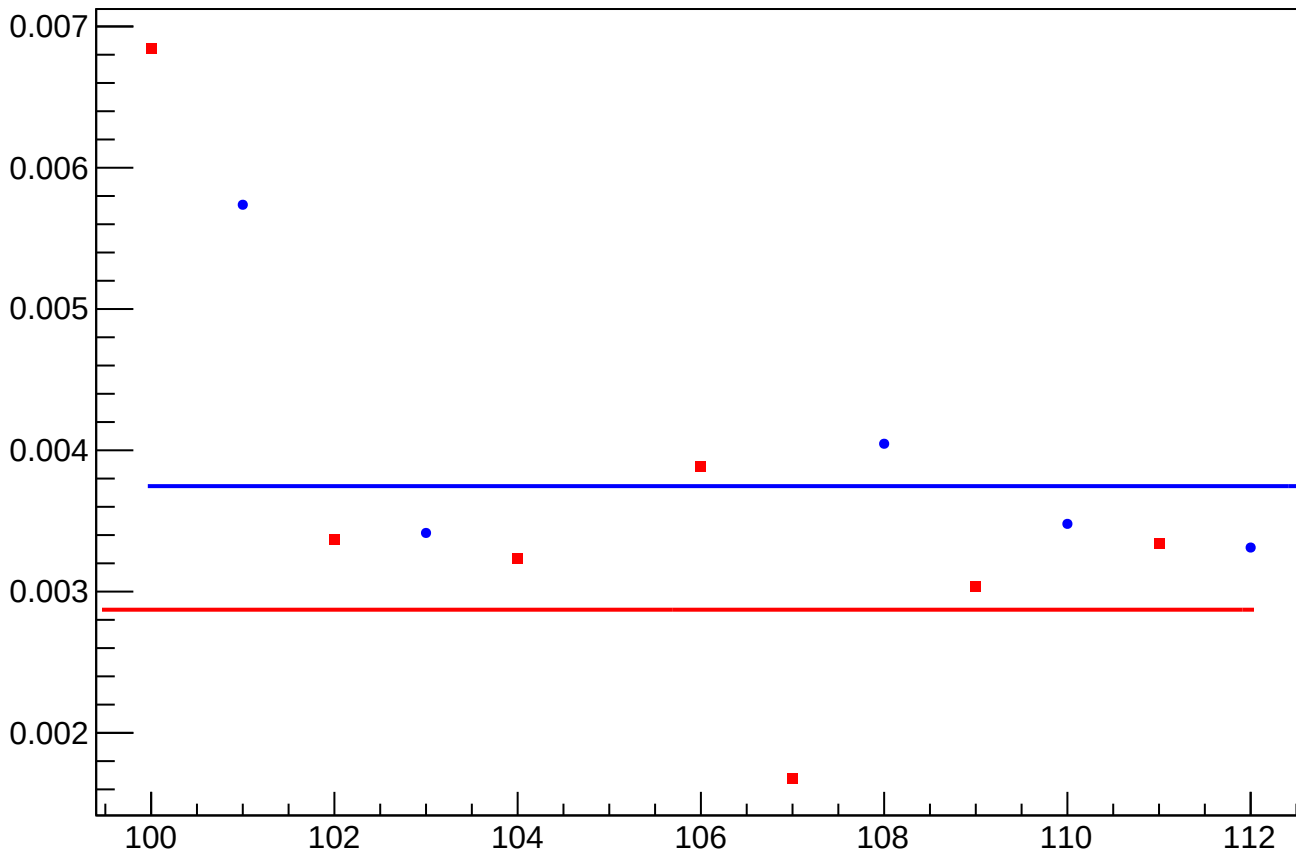
Right: -0.000+/-0.000 χ^2 /NDF: 5.7/11

In: -0.000+/-0.000 χ^2 /NDF:3.6/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 5.7/11

asym_sam4_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 189172.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 398032.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

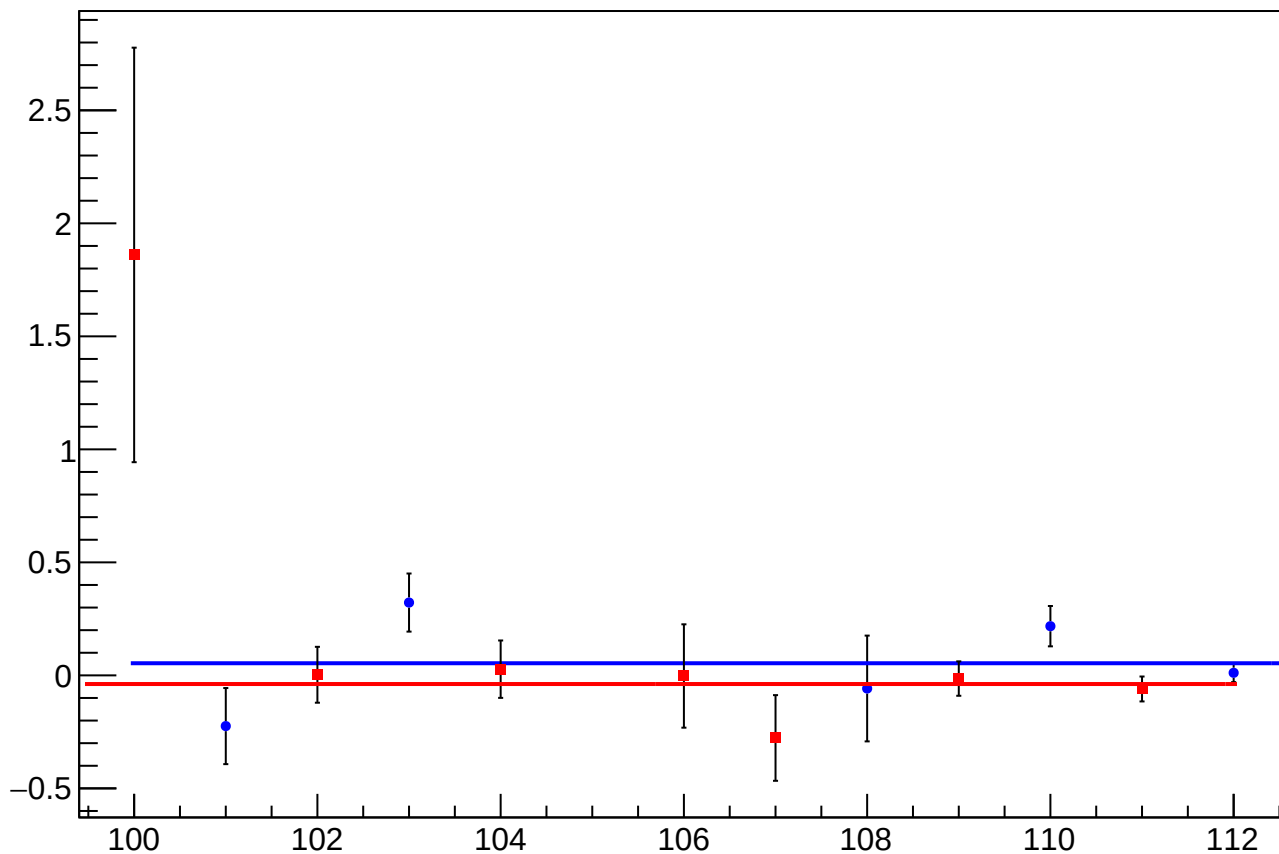
Right: 0.003+/-0.000 χ^2/NDF : 756376.3/11

In: 0.004+/-0.000 χ^2/NDF : 189172.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 756376.3/11

asym_sam4_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.054+/-0.035 χ^2/NDF : 11.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.038+/-0.038 χ^2/NDF : 6.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

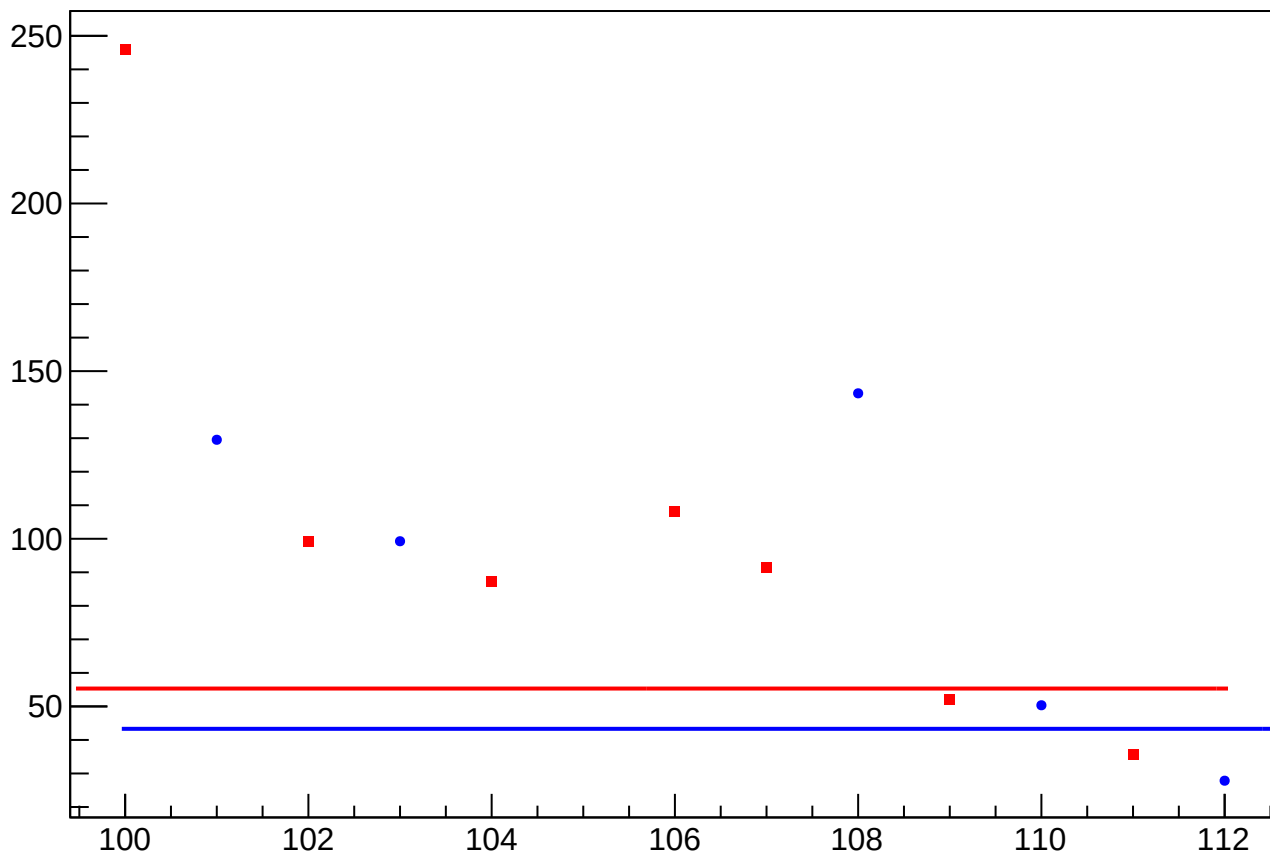
Right: 0.012+/-0.026 χ^2/NDF : 21.4/11

In: 0.054+/-0.035 χ^2/NDF : 11.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.026 χ^2/NDF : 21.4/11

asym_sam4_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 43.319+/-0.025 χ^2/NDF : 1564224.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.332+/-0.027 χ^2/NDF : 906291.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

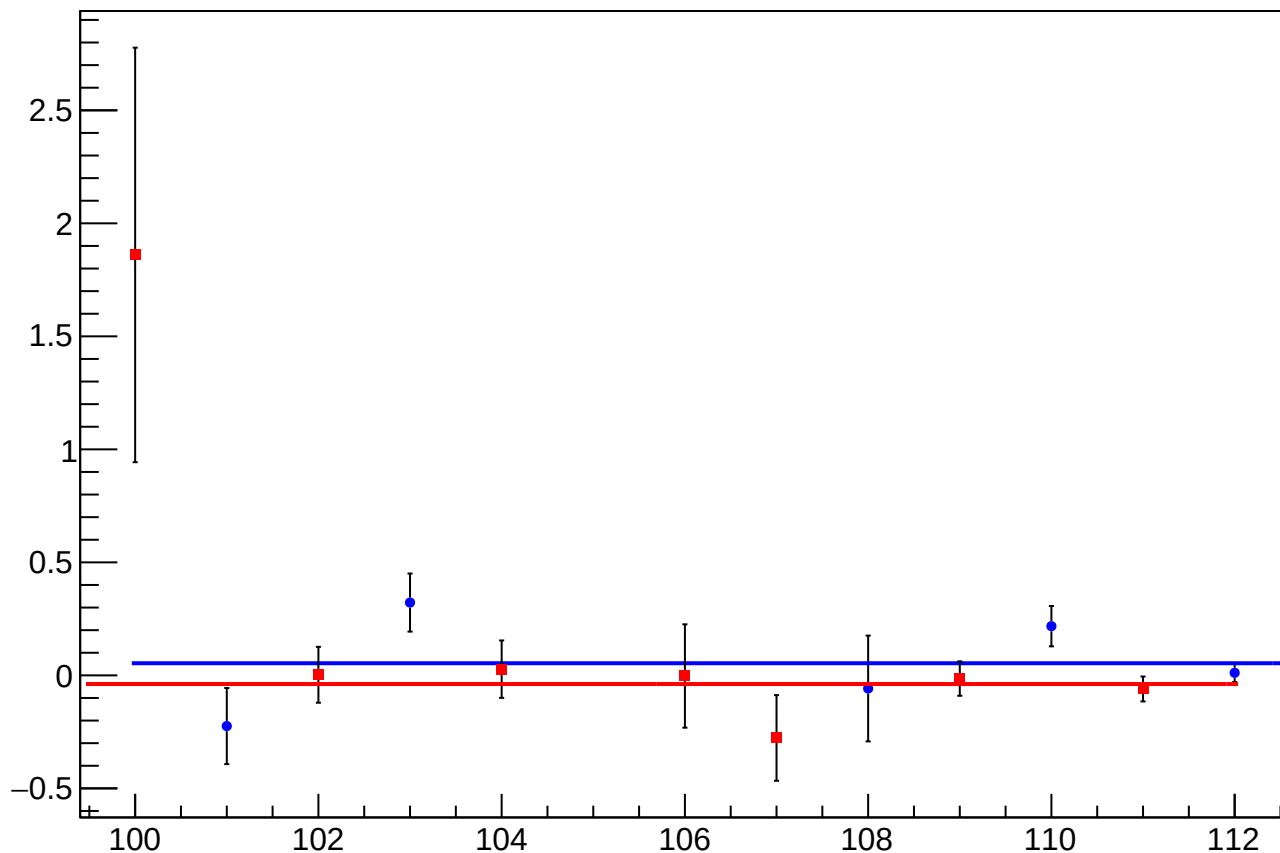
Right: 48.716+/-0.018 χ^2/NDF : 2578187.8/11

In: 43.319+/-0.025 χ^2/NDF : 1564224.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.716+/-0.018 χ^2/NDF : 2578187.8/11

asym_sam4_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.054+/-0.035 χ^2/NDF : 11.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.038+/-0.038 χ^2/NDF : 6.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

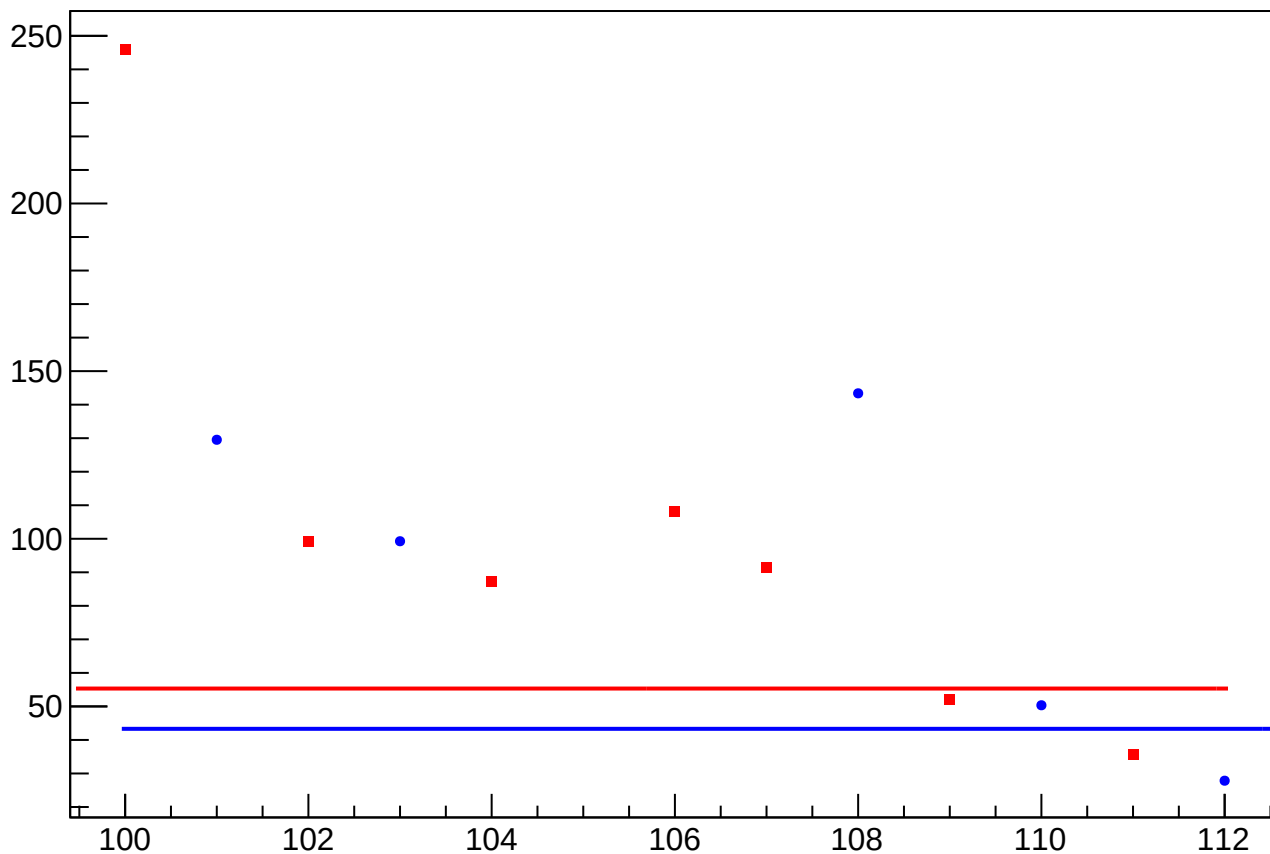
Right: 0.012+/-0.026 χ^2/NDF : 21.4/11

In: 0.054+/-0.035 χ^2/NDF : 11.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.026 χ^2/NDF : 21.4/11

asym_sam4_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 43.319+/-0.025 χ^2/NDF : 1564224.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.332+/-0.027 χ^2/NDF : 906291.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

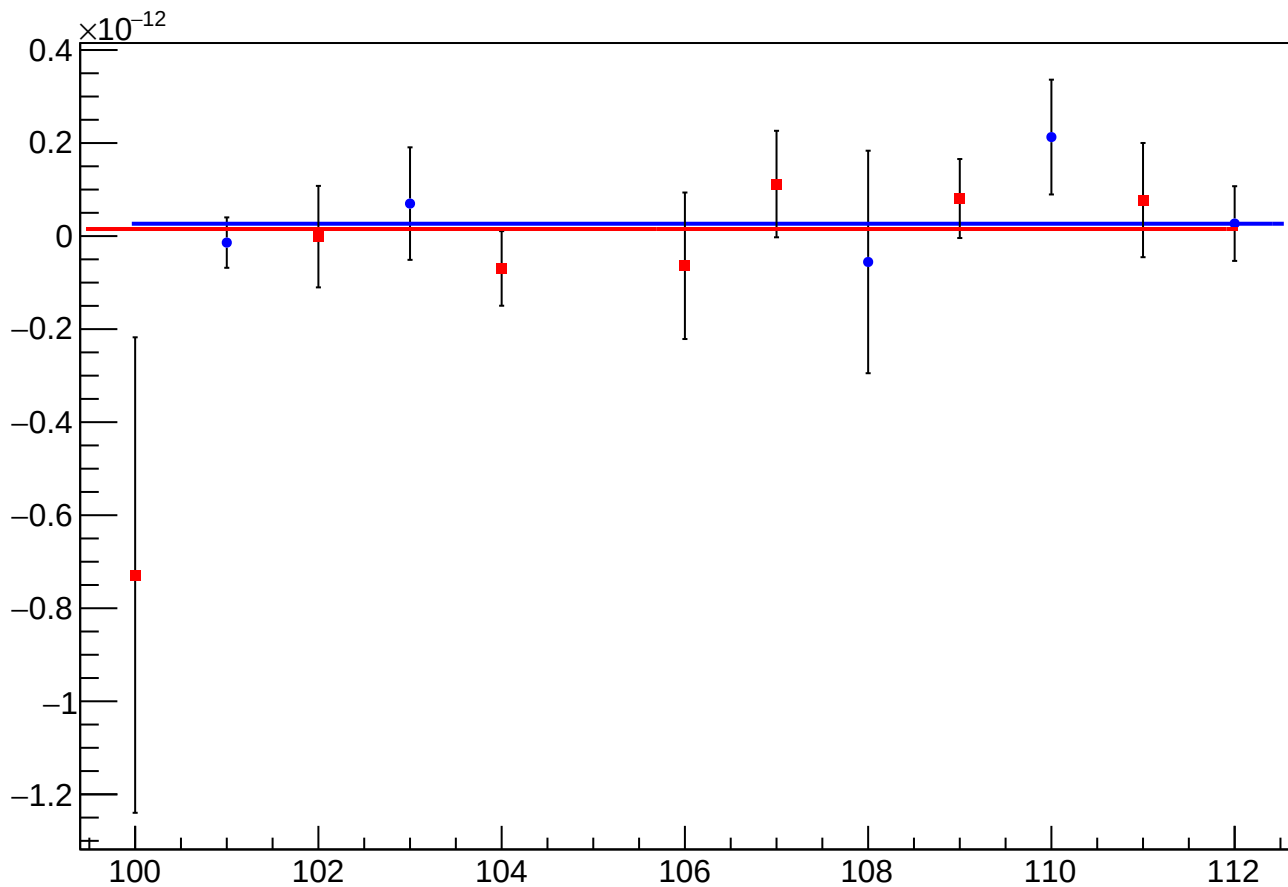
Right: 48.716+/-0.018 χ^2/NDF : 2578187.8/11

In: 43.319+/-0.025 χ^2/NDF : 1564224.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.716+/-0.018 χ^2/NDF : 2578187.8/11

asym_sam4_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

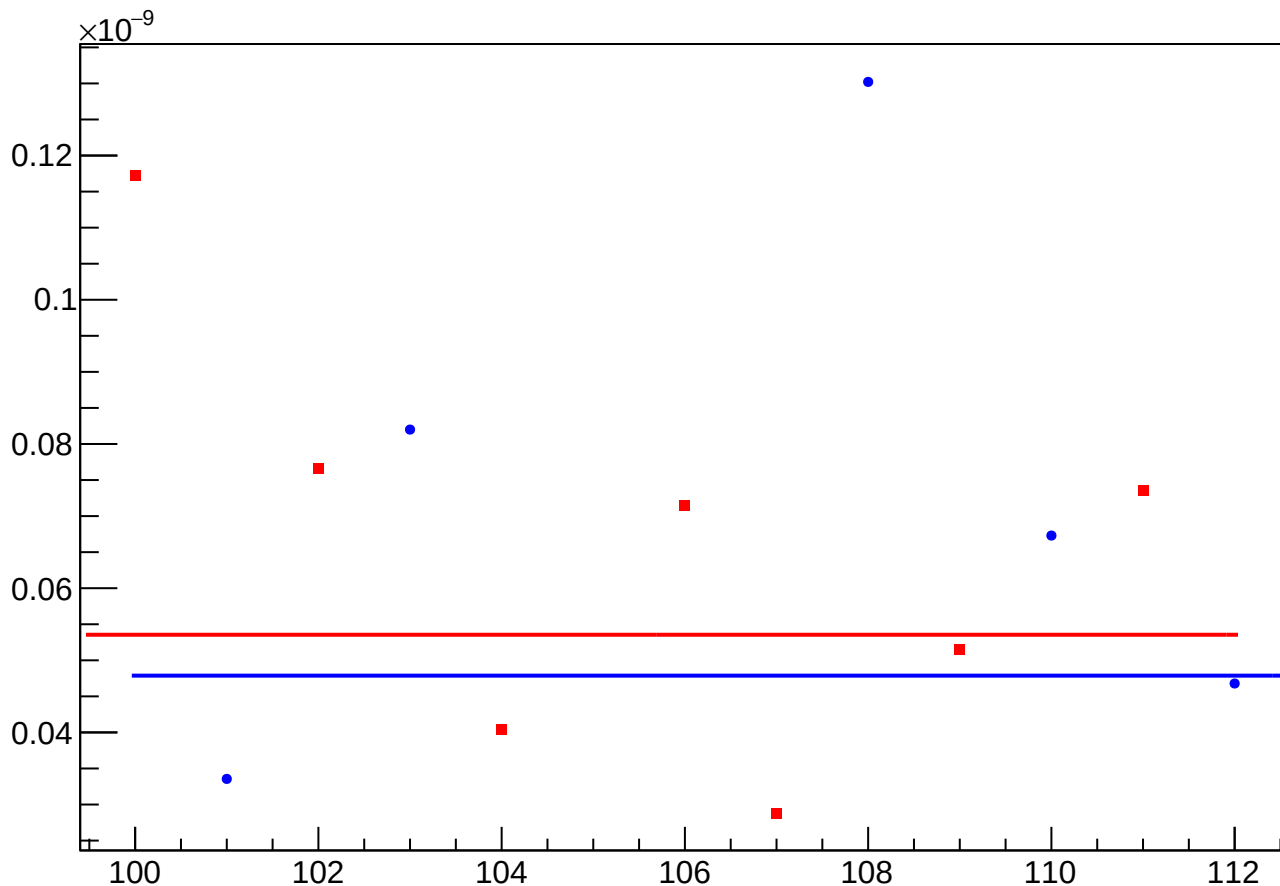
Right: 0.000+/-0.000 χ^2/NDF : 8.2/11

In: 0.000+/-0.000 χ^2/NDF : 3.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.2/11

asym_sam4_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 585948.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 347731.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

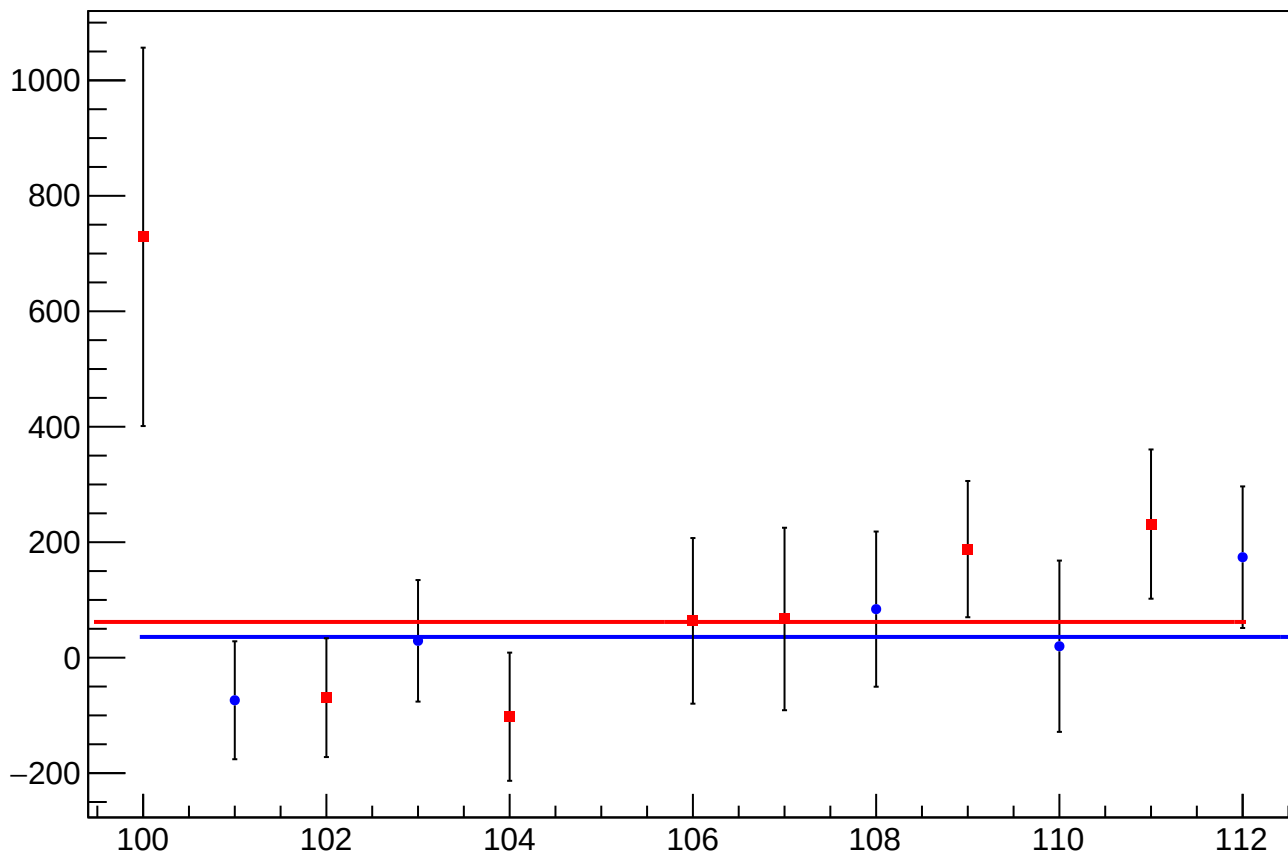
Right: 0.000+/-0.000 χ^2/NDF : 953079.8/11

In: 0.000+/-0.000 χ^2/NDF : 585948.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 953079.8/11

reg_asym_sam5_mean vs Slug, Sign Corrected



Right In: 35.914+/-53.197 χ^2/NDF : 2.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.881+/-49.677 χ^2/NDF : 10.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

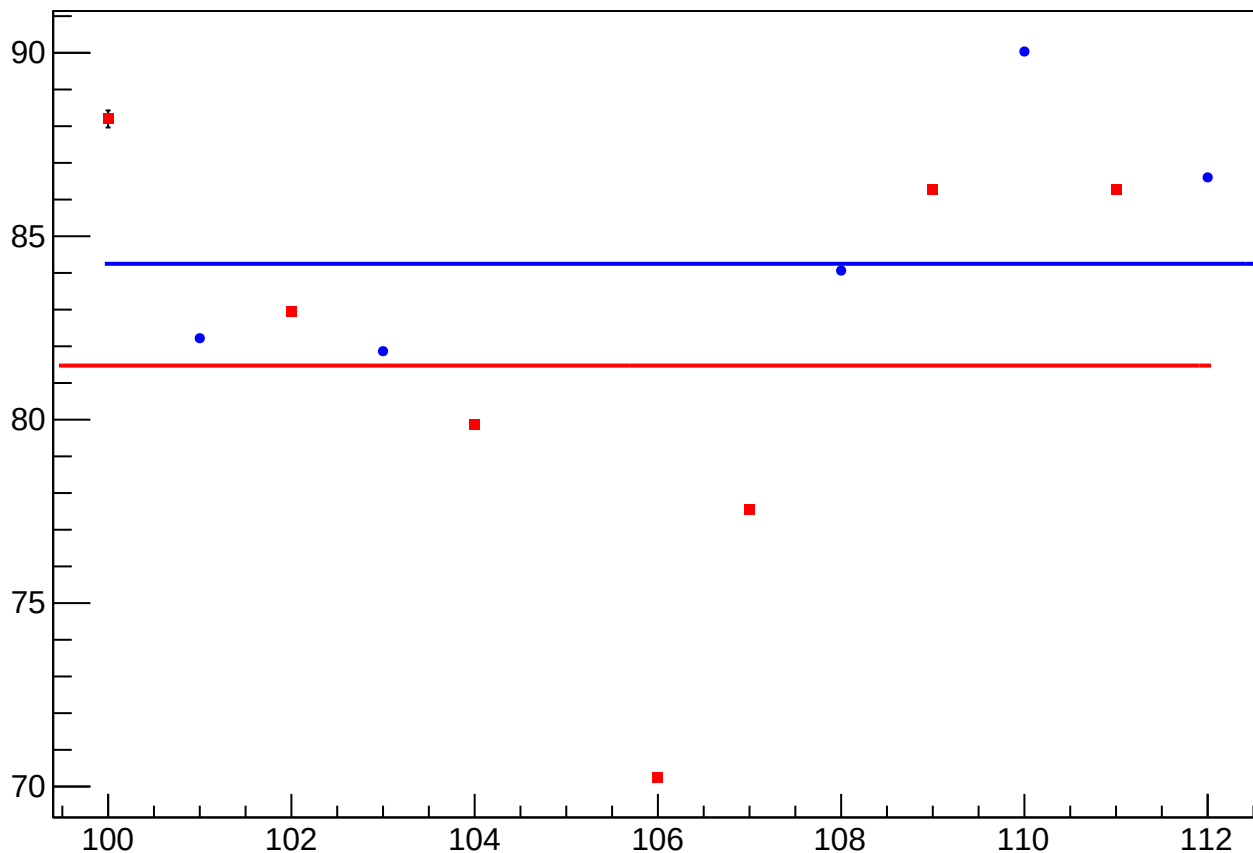
Right: 49.785+/-36.307 χ^2/NDF : 13.5/11

In: 35.914+/-53.197 χ^2/NDF : 2.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.785+/-36.307 χ^2/NDF : 13.5/11

reg_asym_sam5_rms vs Slug, Sign Corrected



Right In: 84.249+/-0.038 χ^2/NDF : 5598.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.475+/-0.035 χ^2/NDF : 21173.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

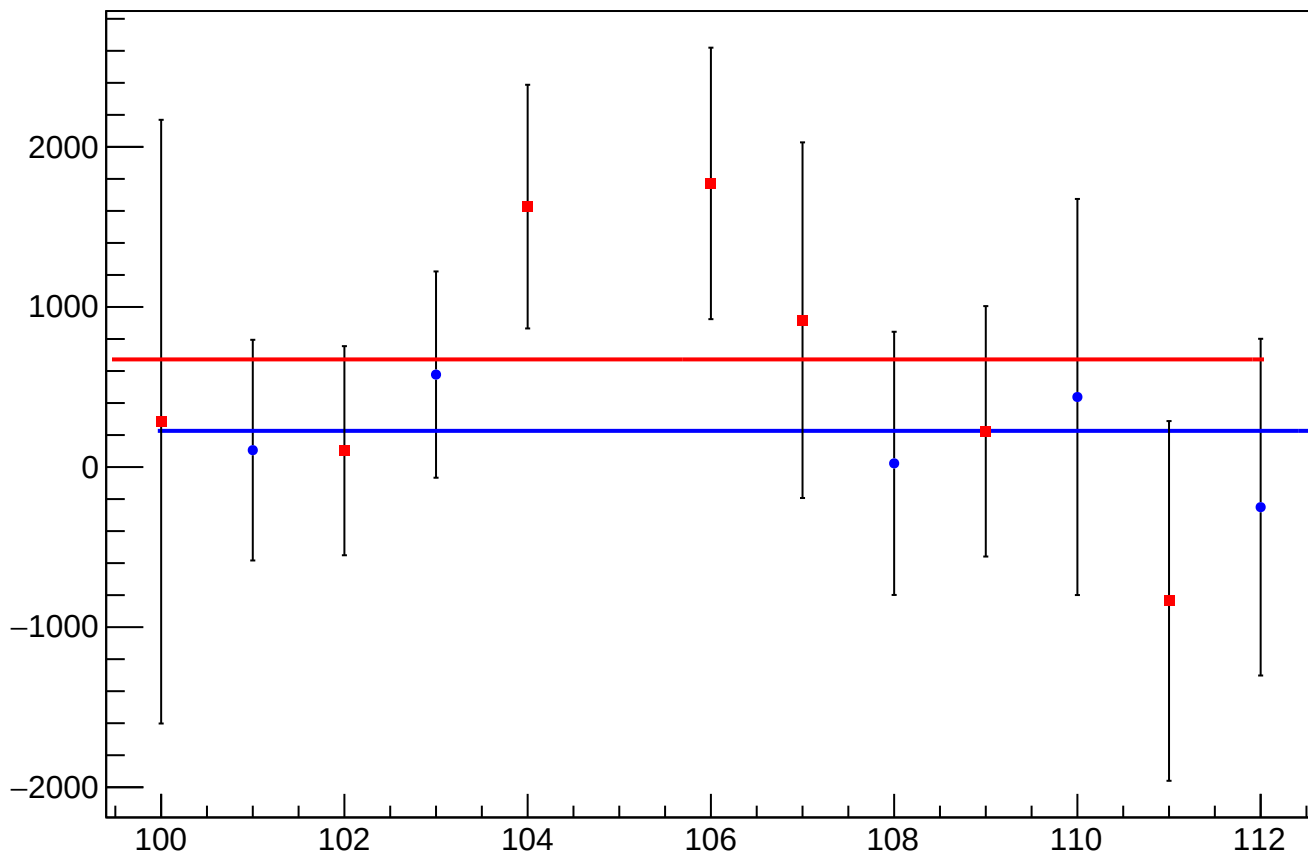
Right: 82.767+/-0.026 χ^2/NDF : 29676.5/11

In: 84.249+/-0.038 χ^2/NDF : 5598.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.767+/-0.026 χ^2/NDF : 29676.5/11

asym_sam5_reg_correction_mean vs Slug, Sign Corrected



Right In: 226.170+/-363.900 χ^2/NDF : 0.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 672.449+/-333.697 χ^2/NDF : 6.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

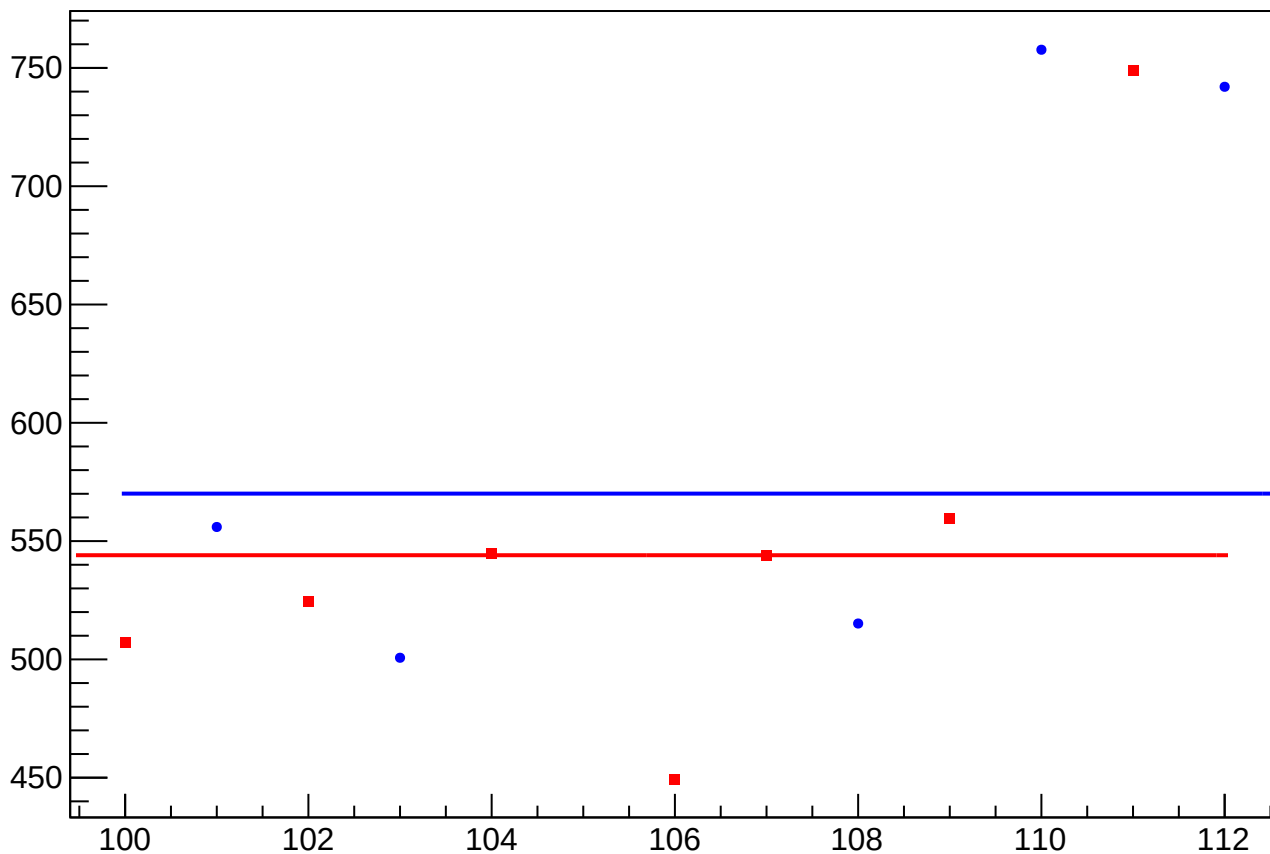
Right: 468.596+/-245.945 χ^2/NDF : 7.7/11

In: 226.170+/-363.900 χ^2/NDF : 0.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 468.596+/-245.945 χ^2/NDF : 7.7/11

asym_sam5_reg_correction_rms vs Slug, Sign Corrected



Right In: 570.071+/-0.257 χ^2/NDF : 132424.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 544.034+/-0.236 χ^2/NDF : 94730.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

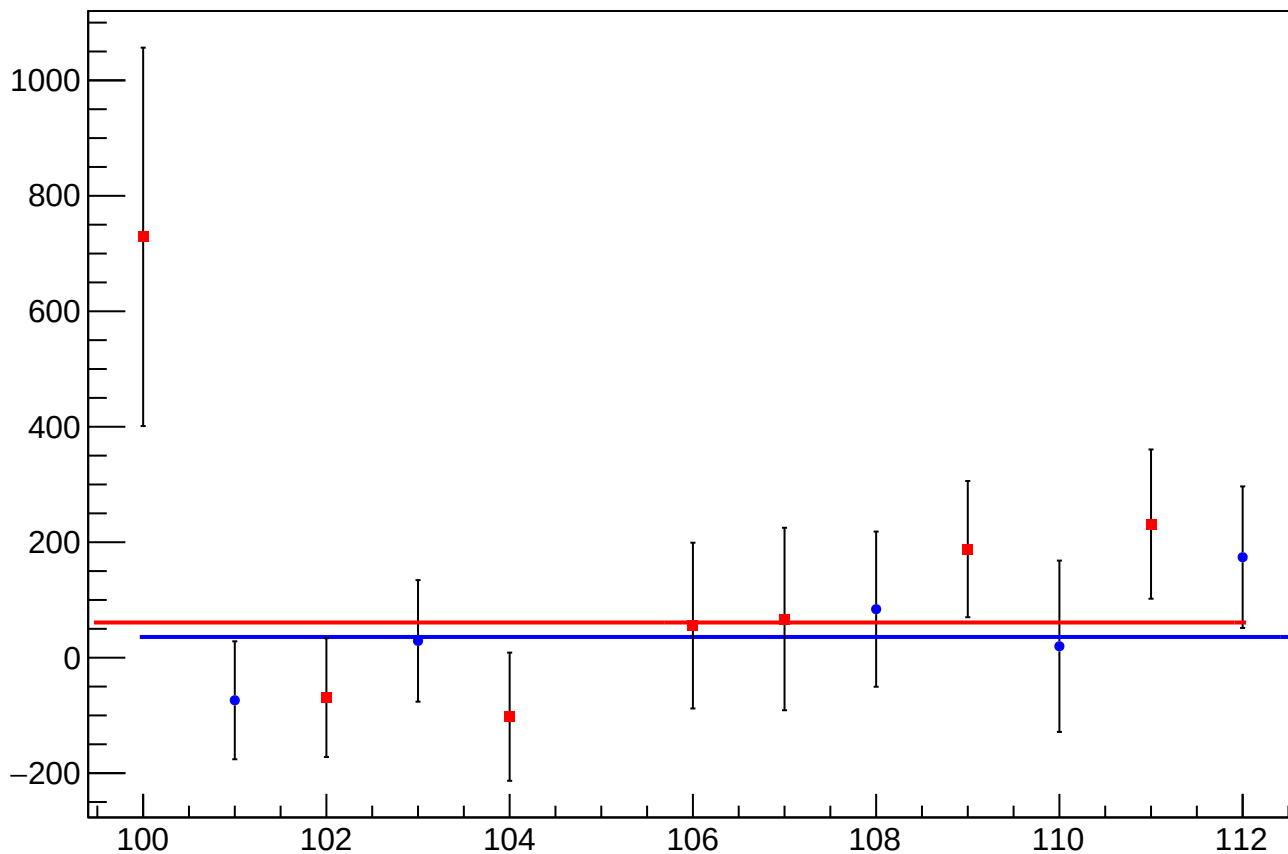
Right: 555.927+/-0.174 χ^2/NDF : 232717.2/11

In: 570.071+/-0.257 χ^2/NDF : 132424.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 555.927+/-0.174 χ^2/NDF : 232717.2/11

cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: 35.894+/-53.197 χ^2/NDF : 2.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.958+/-49.683 χ^2/NDF : 10.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

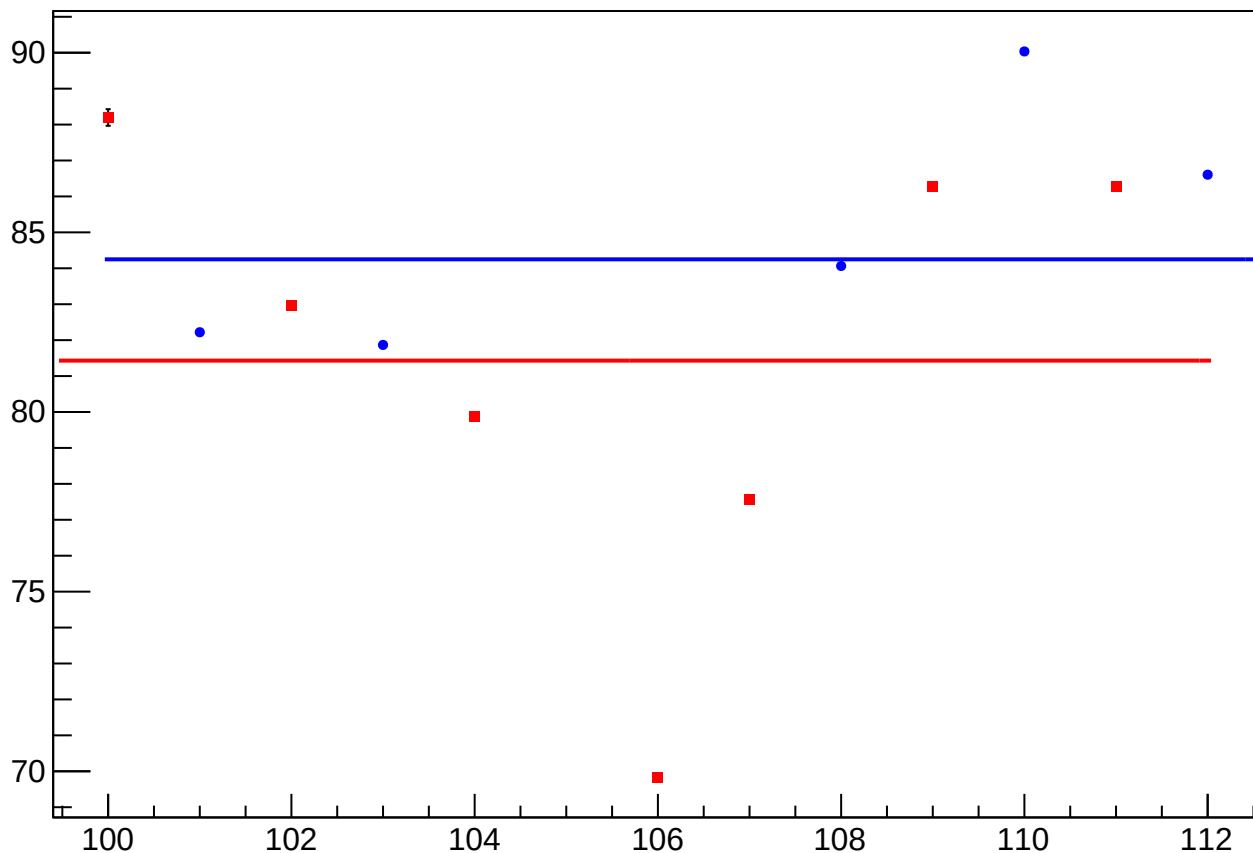
Right: 49.281+/-36.310 χ^2/NDF : 13.5/11

In: 35.894+/-53.197 χ^2/NDF : 2.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.281+/-36.310 χ^2/NDF : 13.5/11

cor_asym_sam5_rms vs Slug, Sign Corrected



Right In: 84.249 $\pm$ 0.038 χ^2 /NDF: 5598.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 81.430 $\pm$ 0.035 χ^2 /NDF: 22096.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

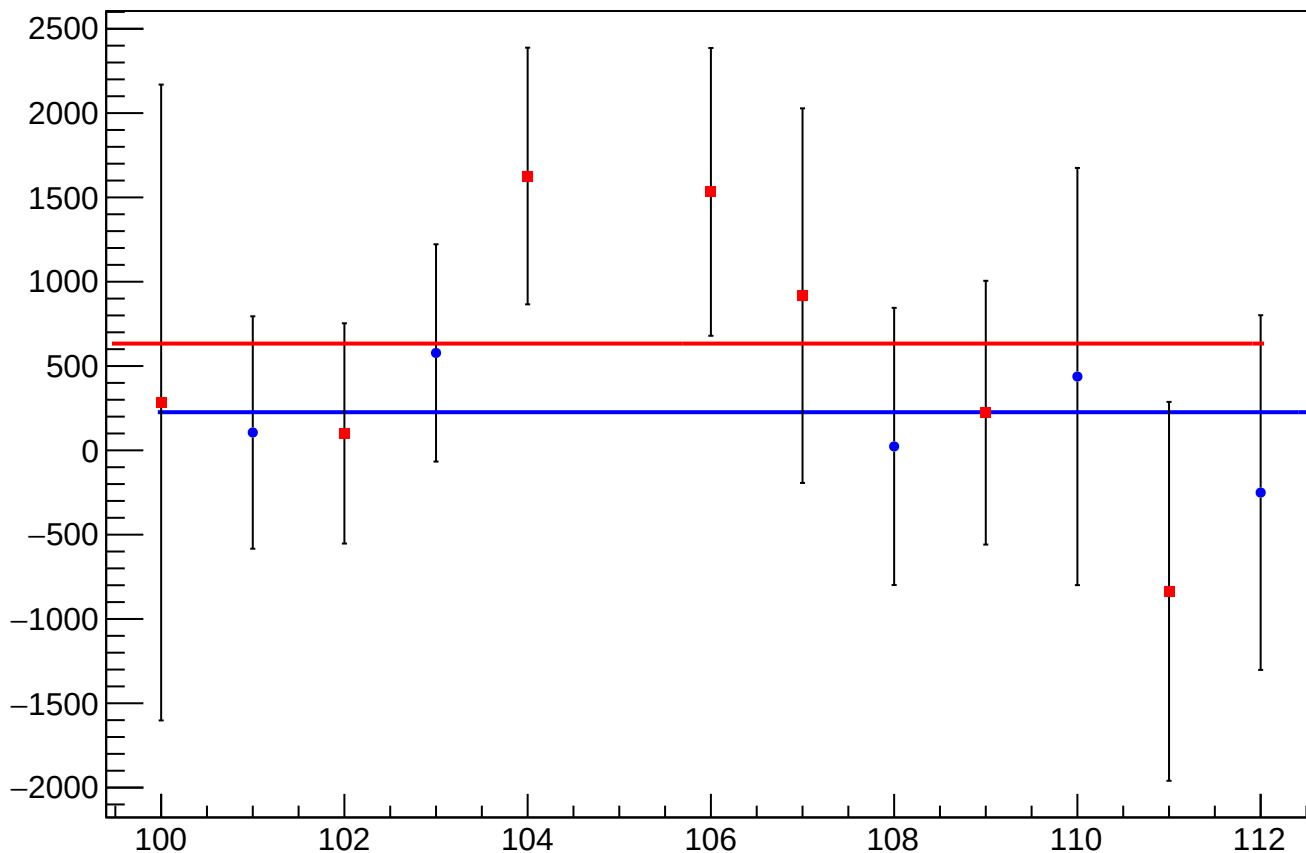
Right: 82.743 $\pm$ 0.026 χ^2 /NDF: 30695.5/11

In: 84.249 $\pm$ 0.038 χ^2 /NDF:5598.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 82.743 $\pm$ 0.026 χ^2 /NDF: 30695.5/11

asym_sam5_cor_correction_mean vs Slug, Sign Corrected



Right In: 226.167+/-363.900 χ^2/NDF : 0.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 633.170+/-334.035 χ^2/NDF : 5.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

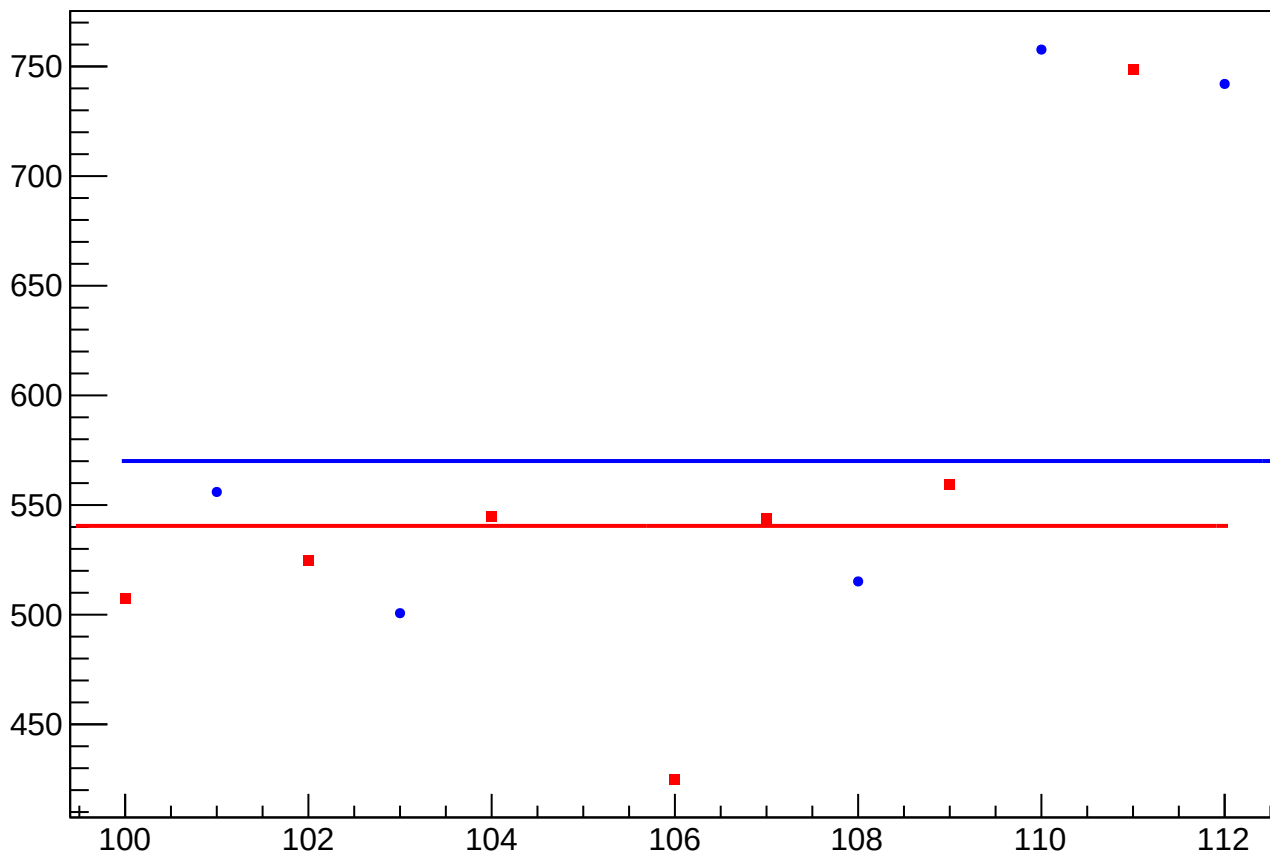
Right: 447.053+/-246.080 χ^2/NDF : 6.9/11

In: 226.167+/-363.900 χ^2/NDF : 0.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 447.053+/-246.080 χ^2/NDF : 6.9/11

asym_sam5_cor_correction_rms vs Slug, Sign Corrected



Right In: 570.071+/-0.257 χ^2/NDF : 132426.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 540.489+/-0.236 χ^2/NDF : 108529.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

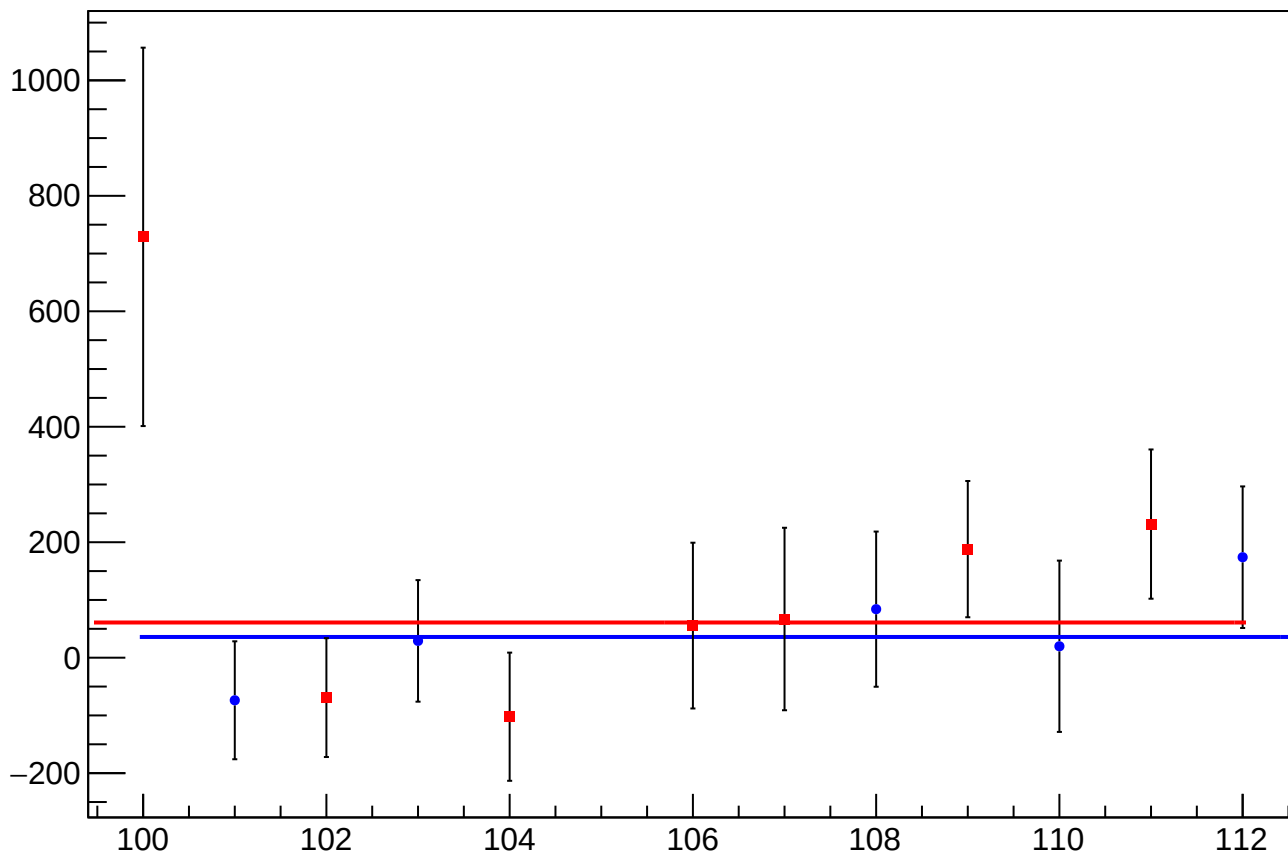
Right: 554.016+/-0.174 χ^2/NDF : 248129.1/11

In: 570.071+/-0.257 χ^2/NDF : 132426.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 554.016+/-0.174 χ^2/NDF : 248129.1/11

eigen_cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: 35.894+/-53.197 χ^2/NDF : 2.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.958+/-49.683 χ^2/NDF : 10.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

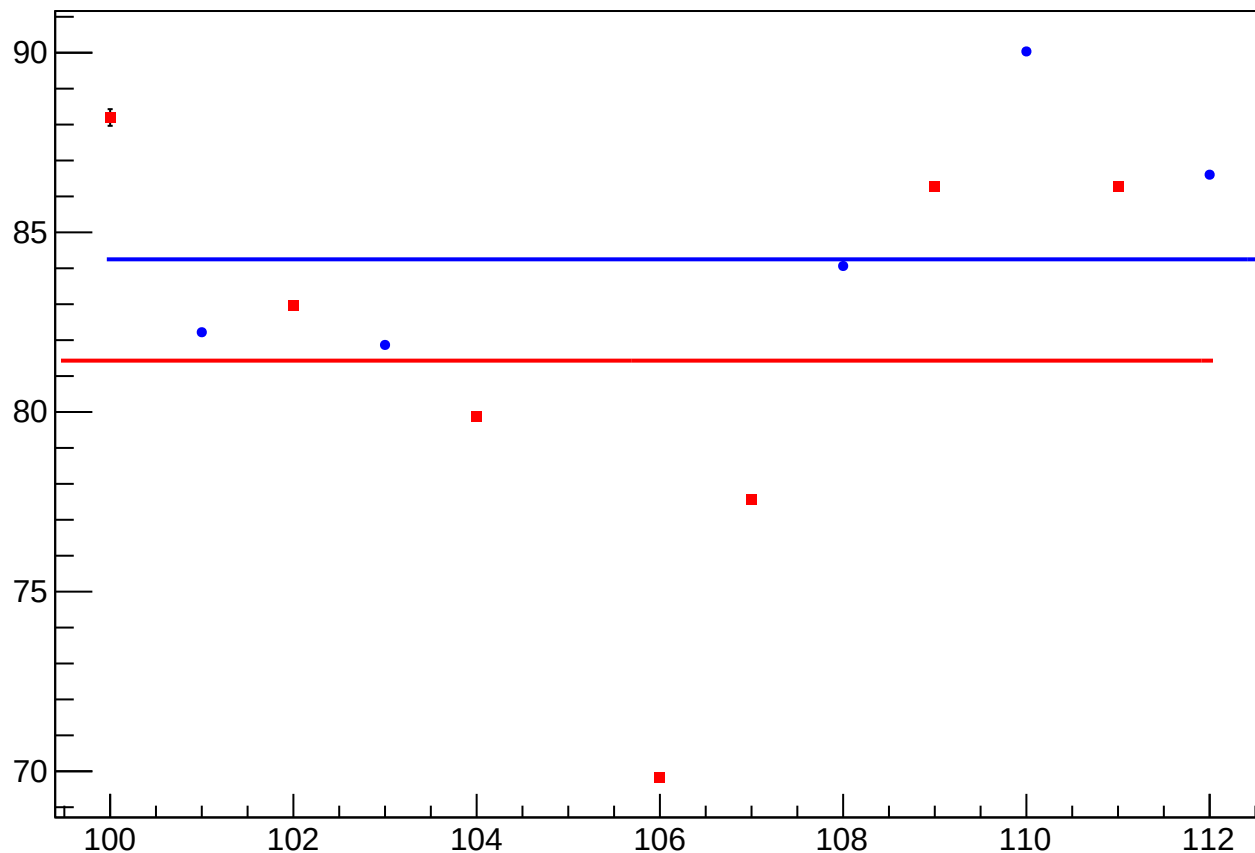
Right: 49.281+/-36.310 χ^2/NDF : 13.5/11

In: 35.894+/-53.197 χ^2/NDF : 2.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.281+/-36.310 χ^2/NDF : 13.5/11

eigen_cor_asym_sam5_rms vs Slug, Sign Corrected



Right In: 84.249 $\pm$ 0.038 χ^2 /NDF: 5598.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 81.430 $\pm$ 0.035 χ^2 /NDF: 22096.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

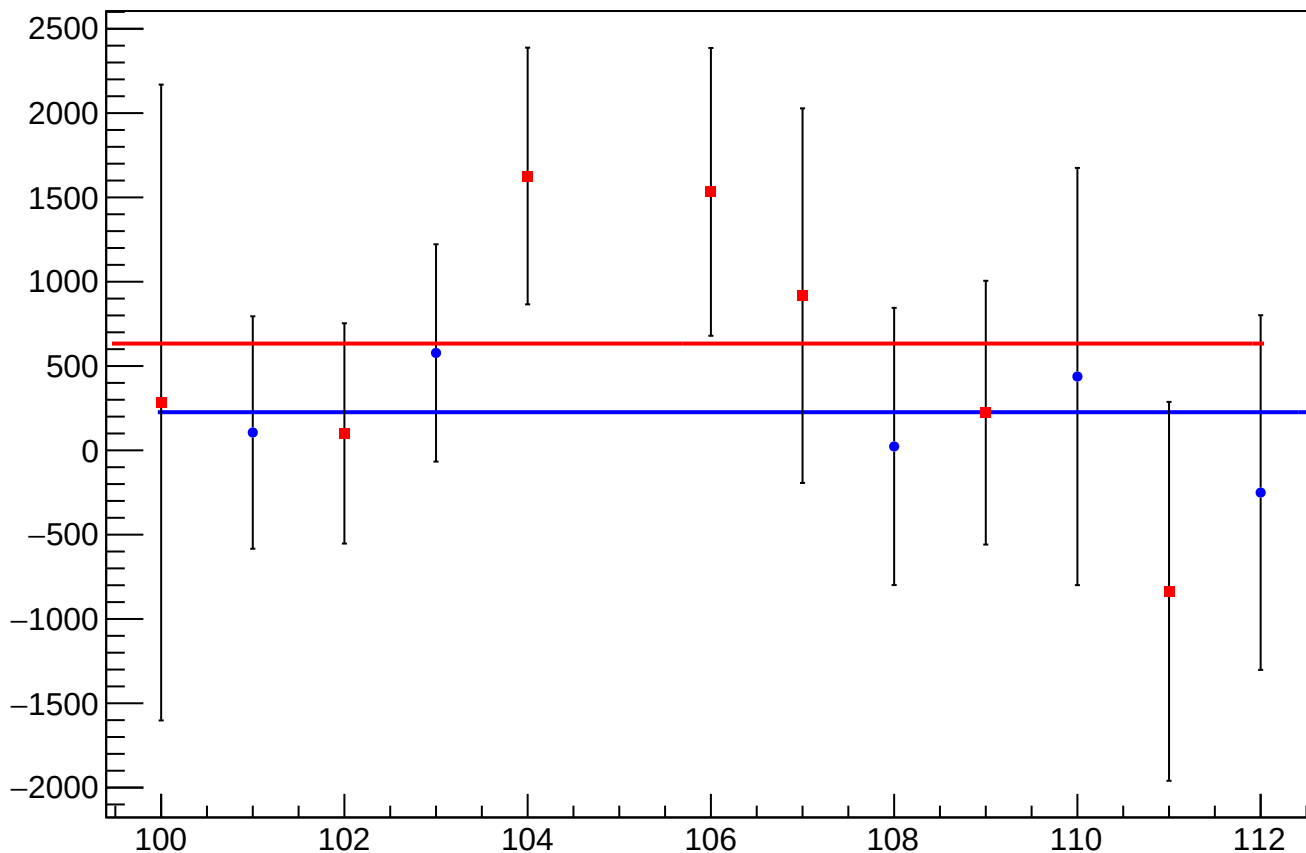
Right: 82.743 $\pm$ 0.026 χ^2 /NDF: 30695.5/11

In: 84.249 $\pm$ 0.038 χ^2 /NDF: 5598.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 82.743 $\pm$ 0.026 χ^2 /NDF: 30695.5/11

asym_sam5_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 226.167+/-363.900 χ^2/NDF : 0.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 633.170+/-334.035 χ^2/NDF : 5.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

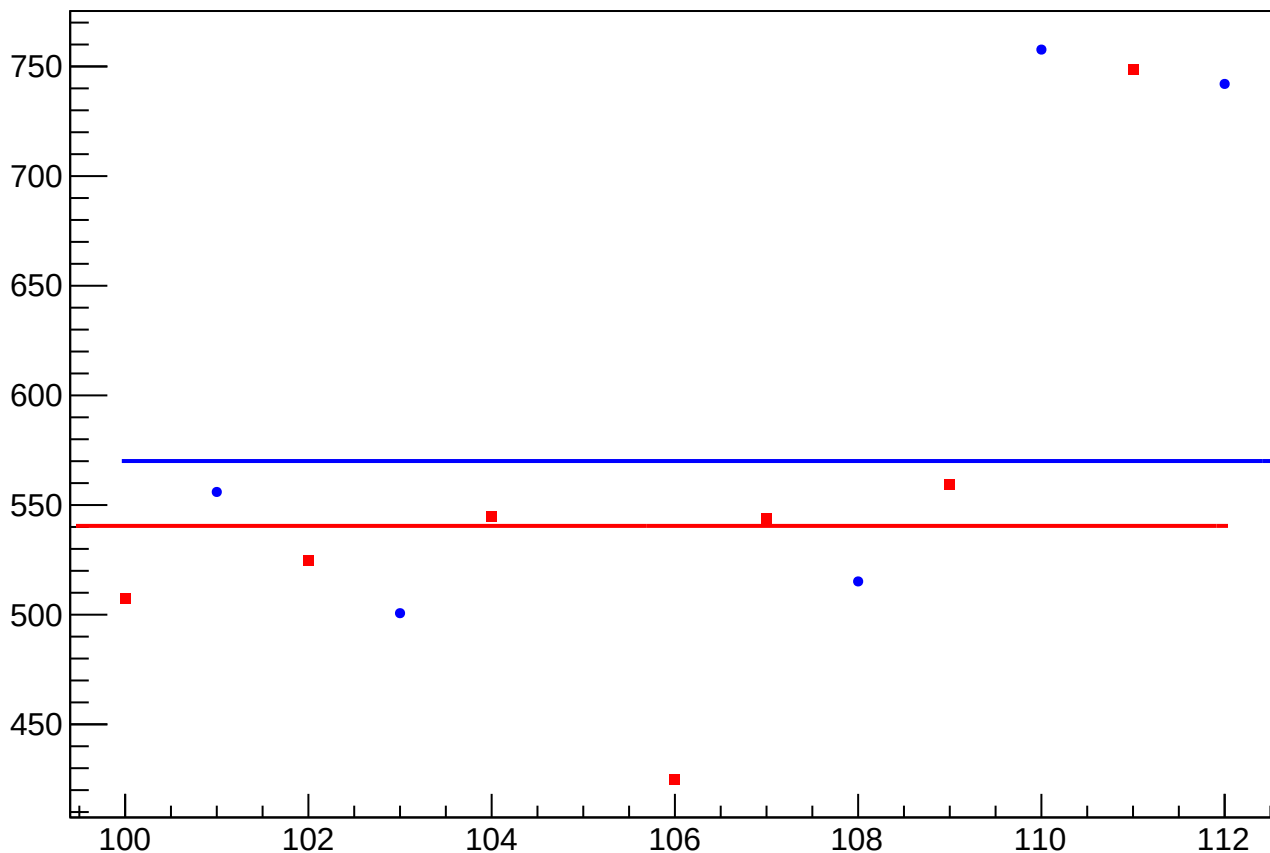
Right: 447.053+/-246.080 χ^2/NDF : 6.9/11

In: 226.167+/-363.900 χ^2/NDF : 0.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 447.053+/-246.080 χ^2/NDF : 6.9/11

asym_sam5_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 570.071+/-0.257 χ^2/NDF : 132426.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 540.489+/-0.236 χ^2/NDF : 108529.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

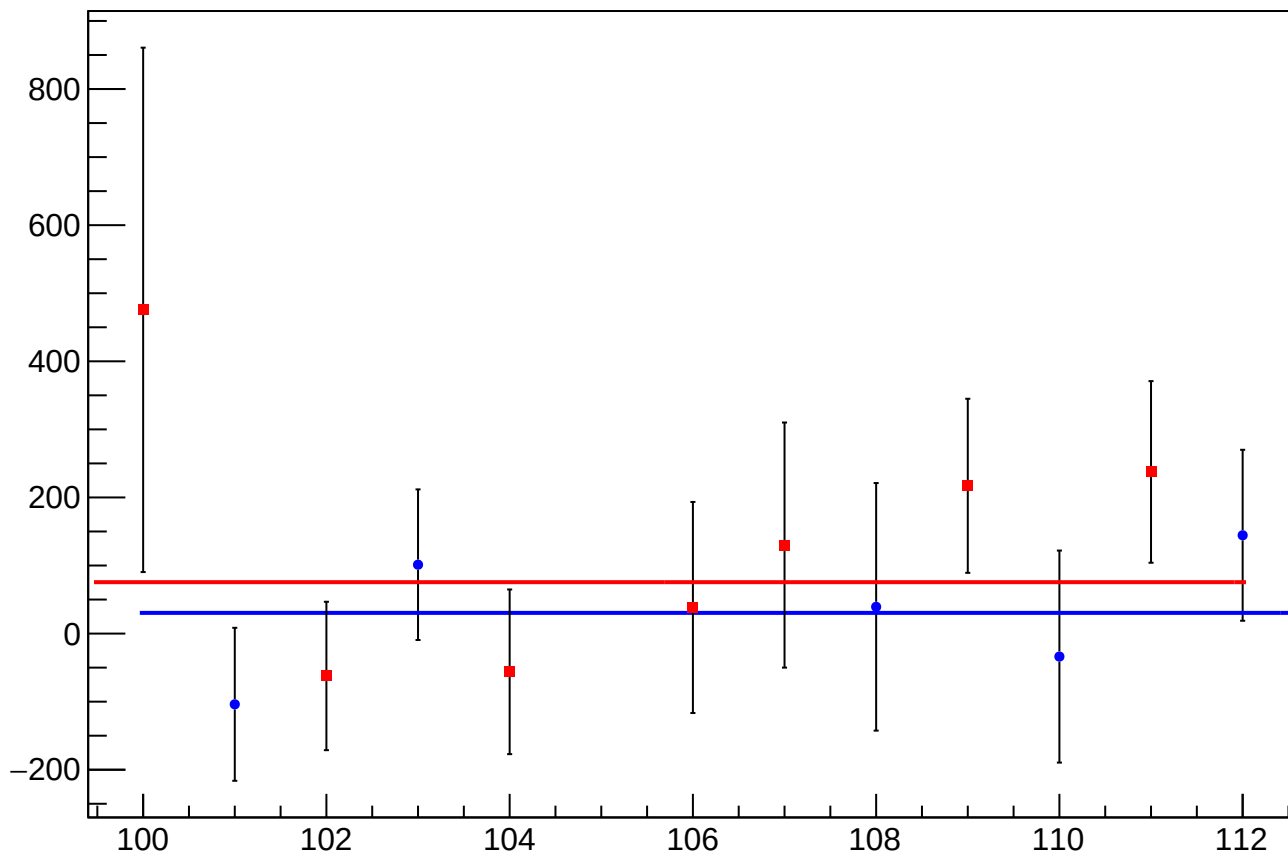
Right: 554.016+/-0.174 χ^2/NDF : 248129.1/11

In: 570.071+/-0.257 χ^2/NDF : 132426.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 554.016+/-0.174 χ^2/NDF : 248129.1/11

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 30.429+/-58.146 χ^2/NDF : 2.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.521+/-53.525 χ^2/NDF : 6.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

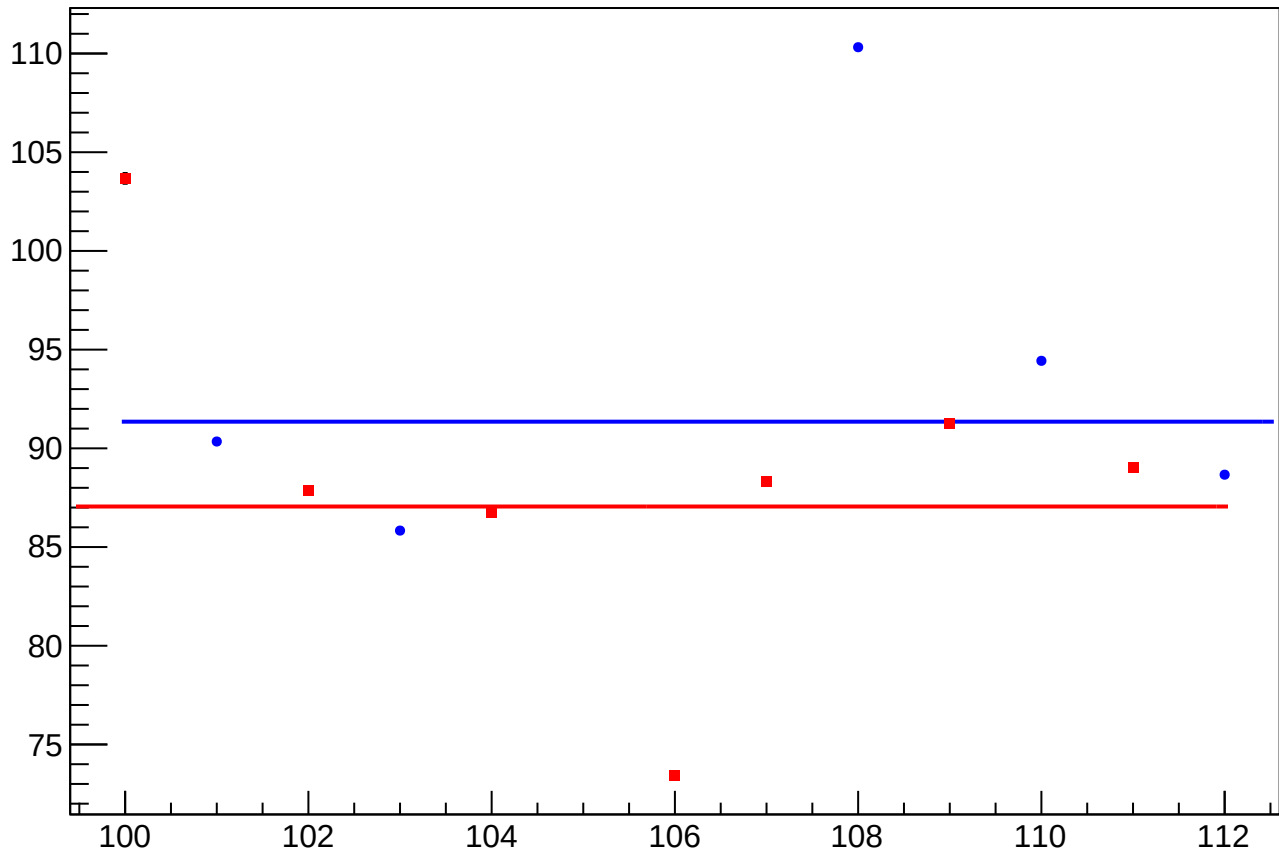
Right: 54.838+/-39.380 χ^2/NDF : 9.9/11

In: 30.429+/-58.146 χ^2/NDF : 2.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.838+/-39.380 χ^2/NDF : 9.9/11

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 91.351+/-0.041 χ^2/NDF : 28590.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.053+/-0.038 χ^2/NDF : 22000.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

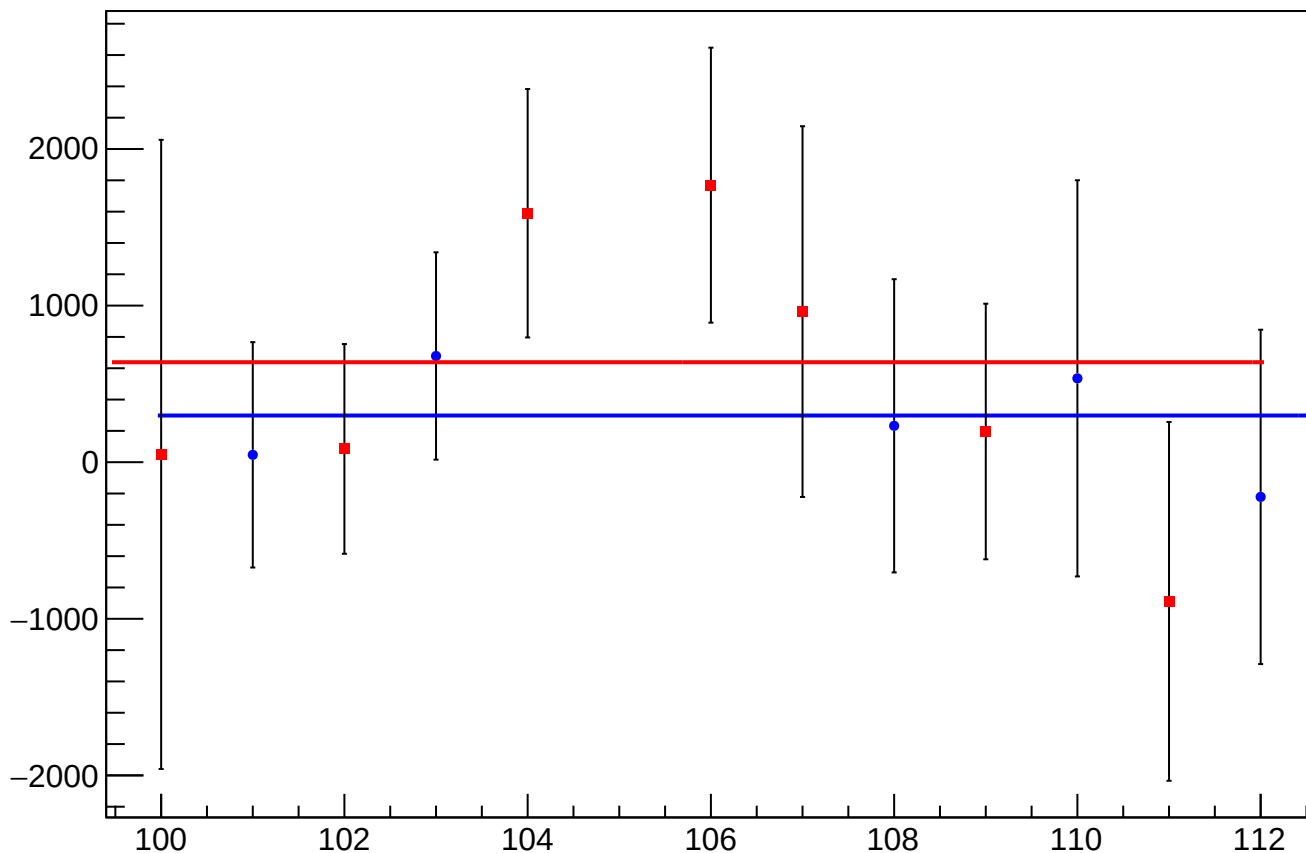
Right: 89.025+/-0.028 χ^2/NDF : 56505.4/11

In: 91.351+/-0.041 χ^2/NDF : 28590.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.025+/-0.028 χ^2/NDF : 56505.4/11

asym_sam5_dit_correction_mean vs Slug, Sign Corrected



Right In: 298.076+/-381.888 χ^2/NDF : 0.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 638.516+/-346.237 χ^2/NDF : 6.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

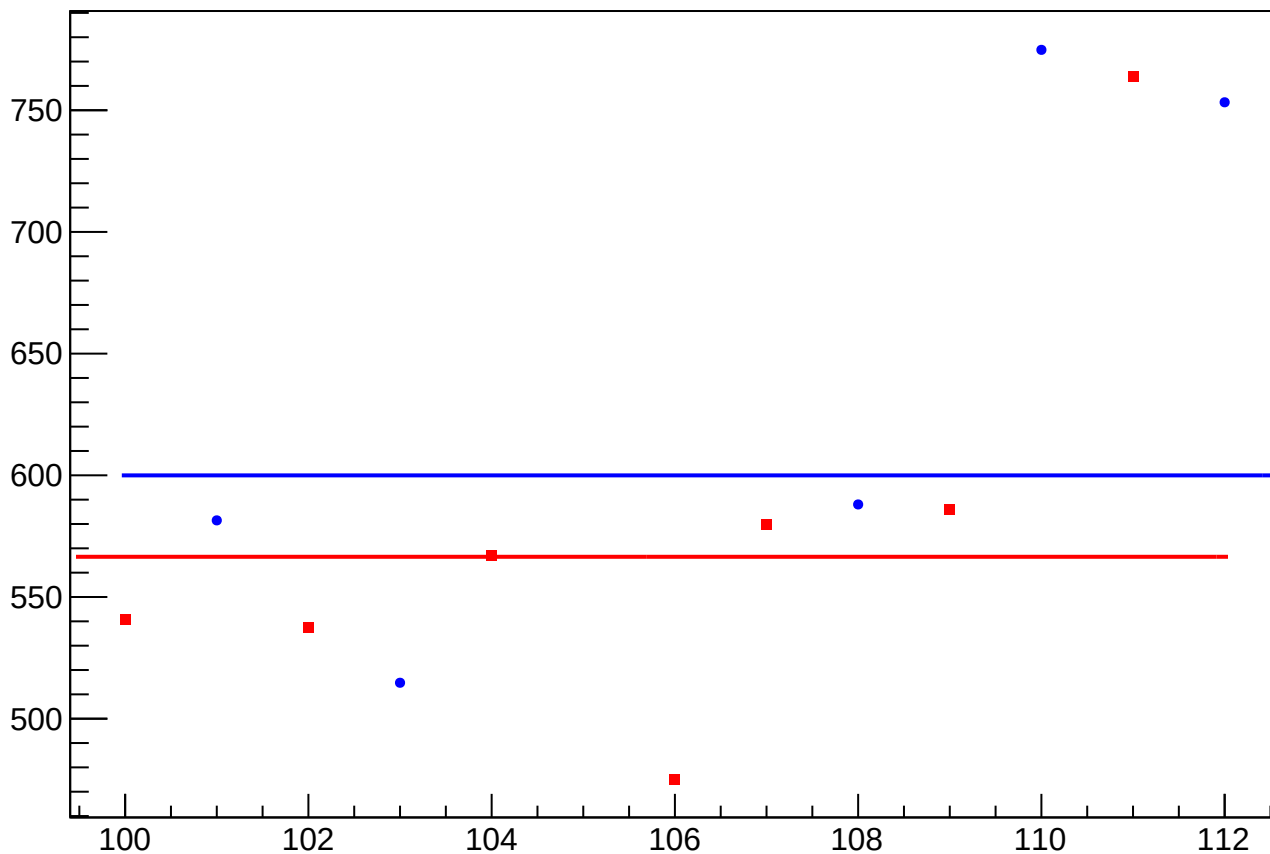
Right: 484.925+/-256.507 χ^2/NDF : 7.2/11

In: 298.076+/-381.888 χ^2/NDF : 0.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 484.925+/-256.507 χ^2/NDF : 7.2/11

asym_sam5_dit_correction_rms vs Slug, Sign Corrected



Right In: 599.973+/-0.270 χ^2/NDF : 114231.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 566.525+/-0.245 χ^2/NDF : 86554.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

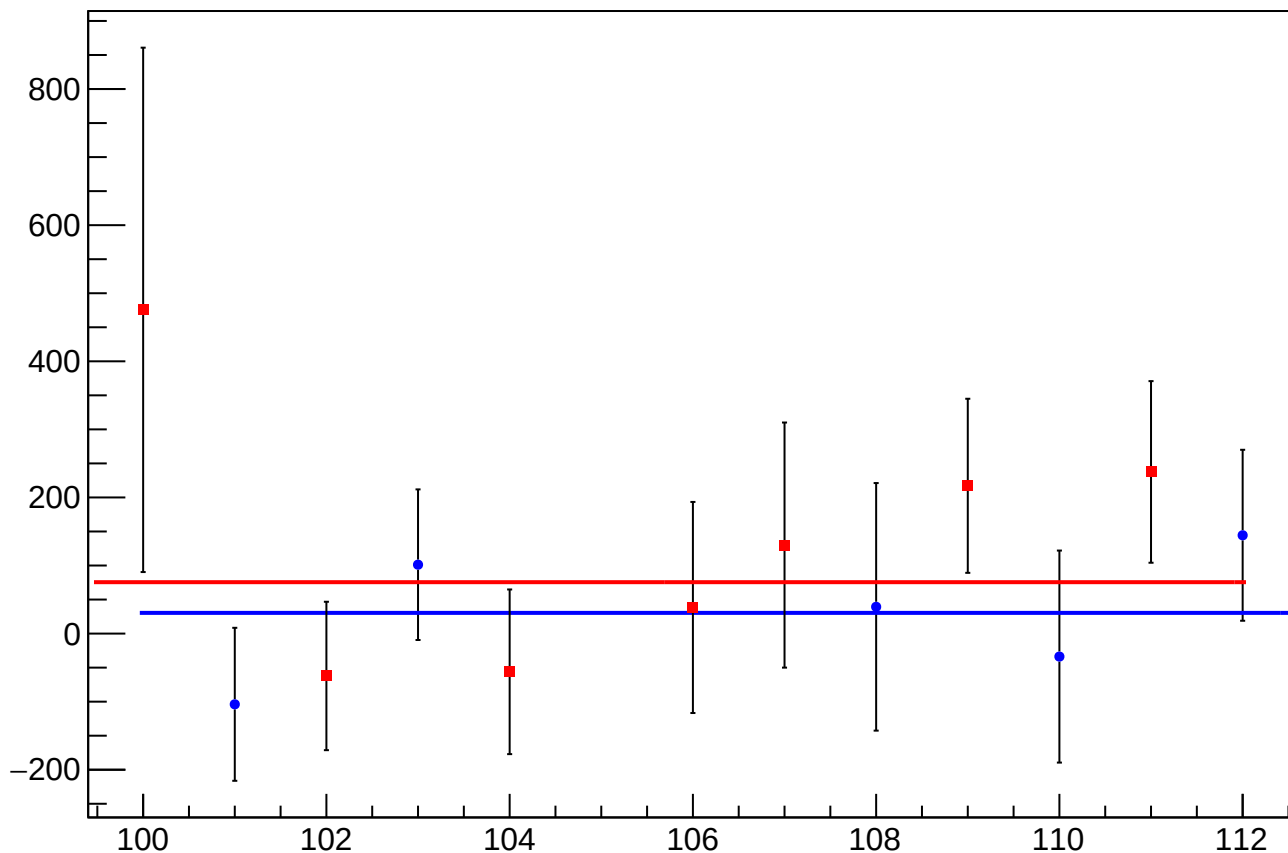
Right: 581.615+/-0.181 χ^2/NDF : 209207.0/11

In: 599.973+/-0.270 χ^2/NDF : 114231.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 581.615+/-0.181 χ^2/NDF : 209207.0/11

eigen_dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 30.427+/-58.146 χ^2/NDF : 2.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.522+/-53.525 χ^2/NDF : 6.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

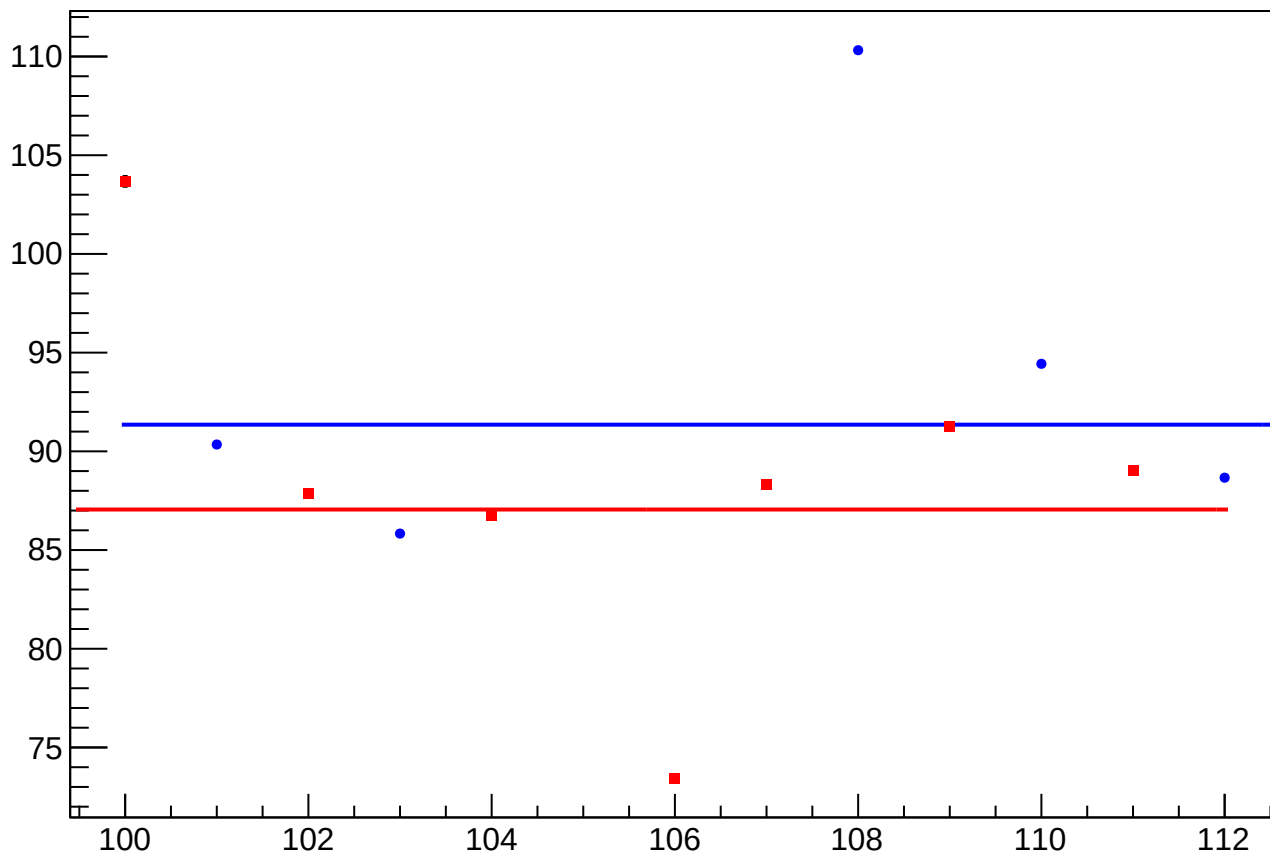
Right: 54.838+/-39.380 χ^2/NDF : 9.9/11

In: 30.427+/-58.146 χ^2/NDF : 2.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.838+/-39.380 χ^2/NDF : 9.9/11

eigen_dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 91.351+/-0.041 χ^2/NDF : 28590.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.053+/-0.038 χ^2/NDF : 22000.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

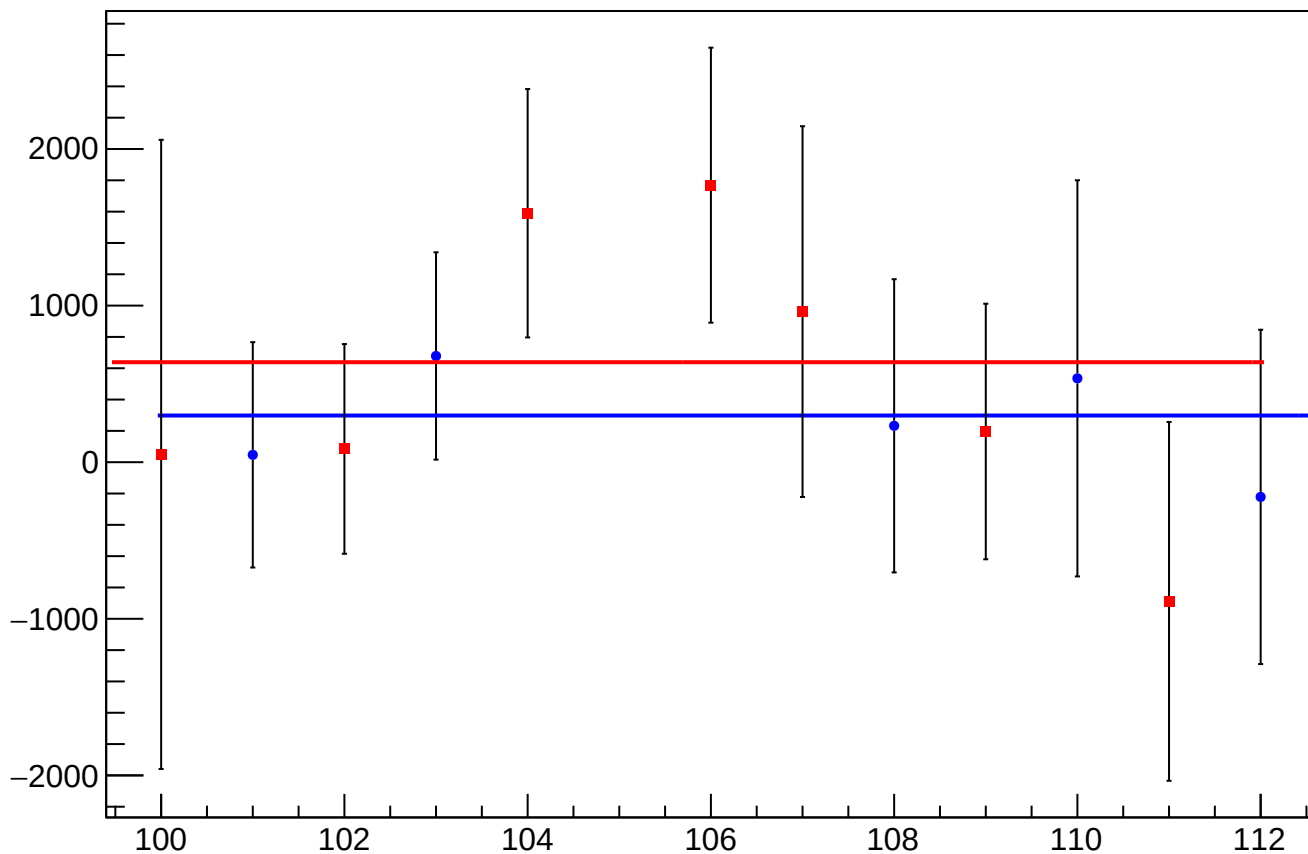
Right: 89.024+/-0.028 χ^2/NDF : 56505.0/11

In: 91.351+/-0.041 χ^2/NDF : 28590.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.024+/-0.028 χ^2/NDF : 56505.0/11

asym_sam5_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 298.074+/-381.888 χ^2/NDF : 0.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 638.516+/-346.237 χ^2/NDF : 6.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

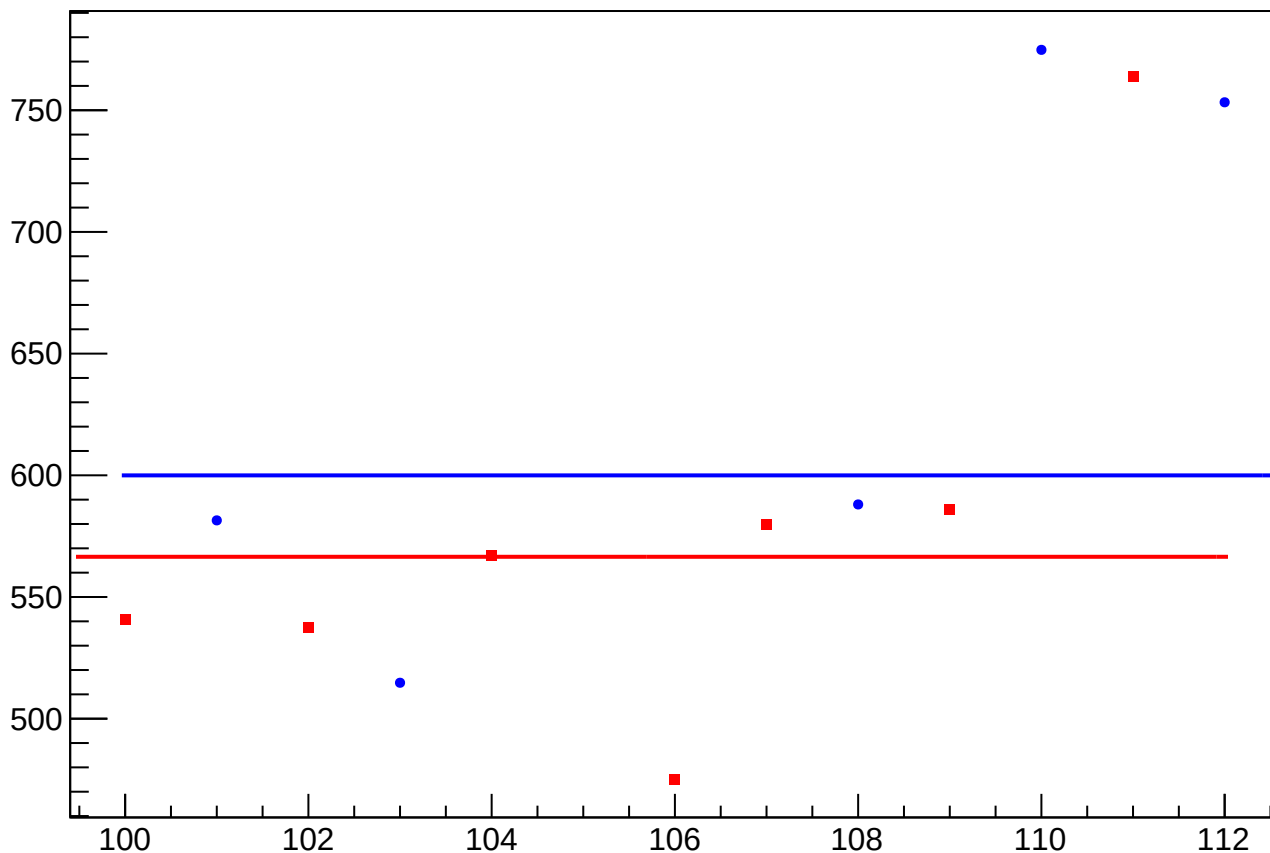
Right: 484.924+/-256.506 χ^2/NDF : 7.2/11

In: 298.074+/-381.888 χ^2/NDF : 0.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 484.924+/-256.506 χ^2/NDF : 7.2/11

asym_sam5_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 599.972+/-0.270 χ^2/NDF : 114231.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 566.524+/-0.245 χ^2/NDF : 86554.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

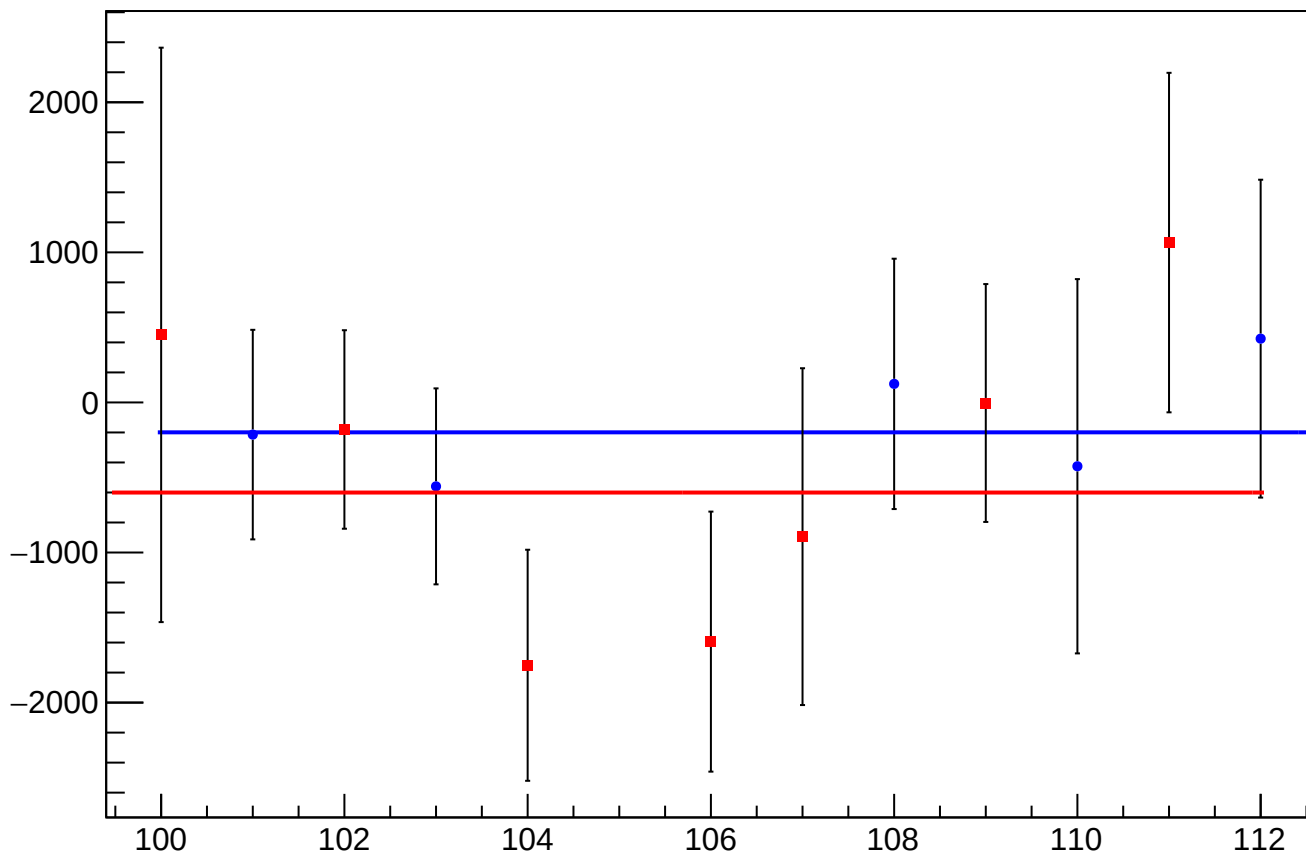
Right: 581.614+/-0.181 χ^2/NDF : 209206.6/11

In: 599.972+/-0.270 χ^2/NDF : 114231.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 581.614+/-0.181 χ^2/NDF : 209206.6/11

asym_sam5_mean vs Slug, Sign Corrected



Right In: -199.245+/-368.360 χ^2/NDF : 0.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -600.383+/-338.117 χ^2/NDF : 7.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

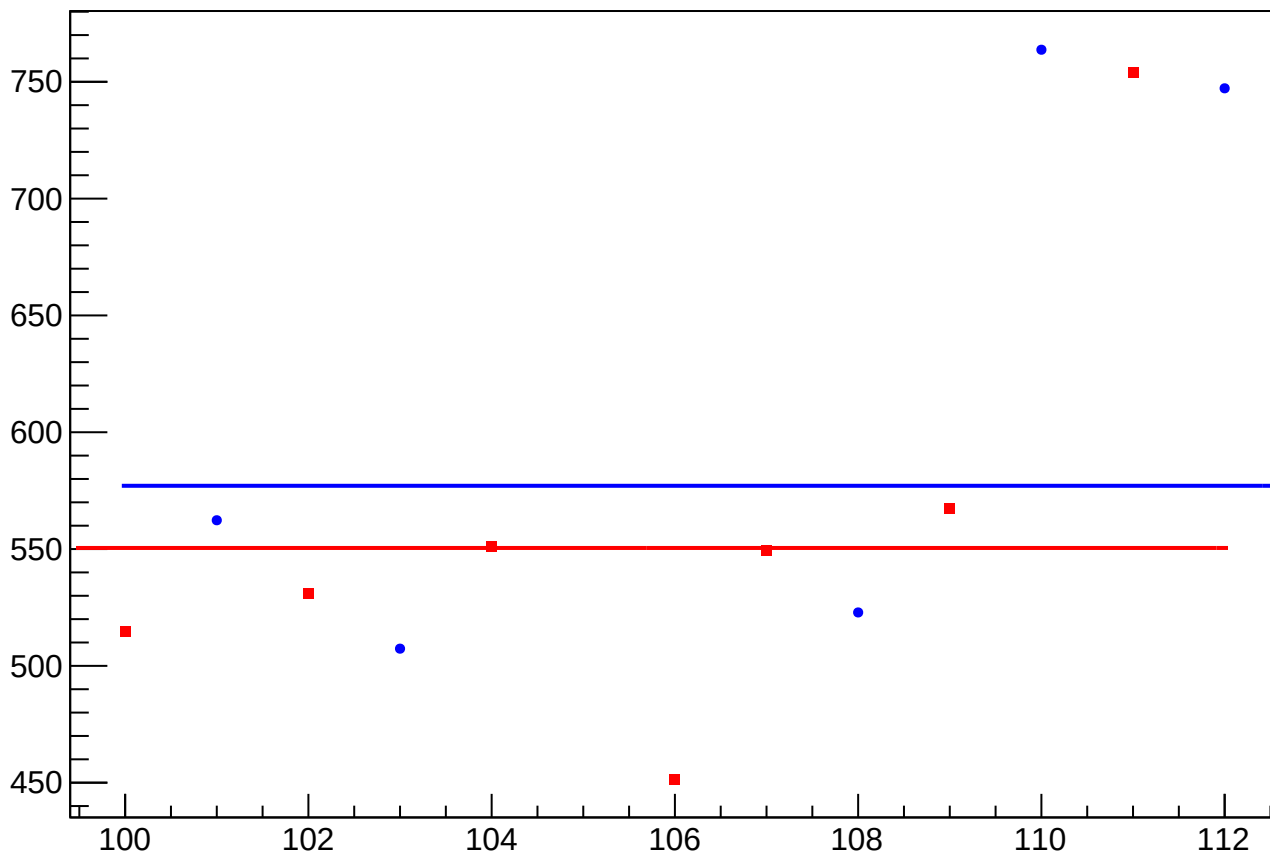
Right: -416.954+/-249.092 χ^2/NDF : 8.5/11

In: -199.245+/-368.360 χ^2/NDF : 0.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -416.954+/-249.092 χ^2/NDF : 8.5/11

asym_sam5_rms vs Slug, Sign Corrected



Right In: 577.082+/-0.260 χ^2/NDF : 128579.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 550.466+/-0.239 χ^2/NDF : 94126.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

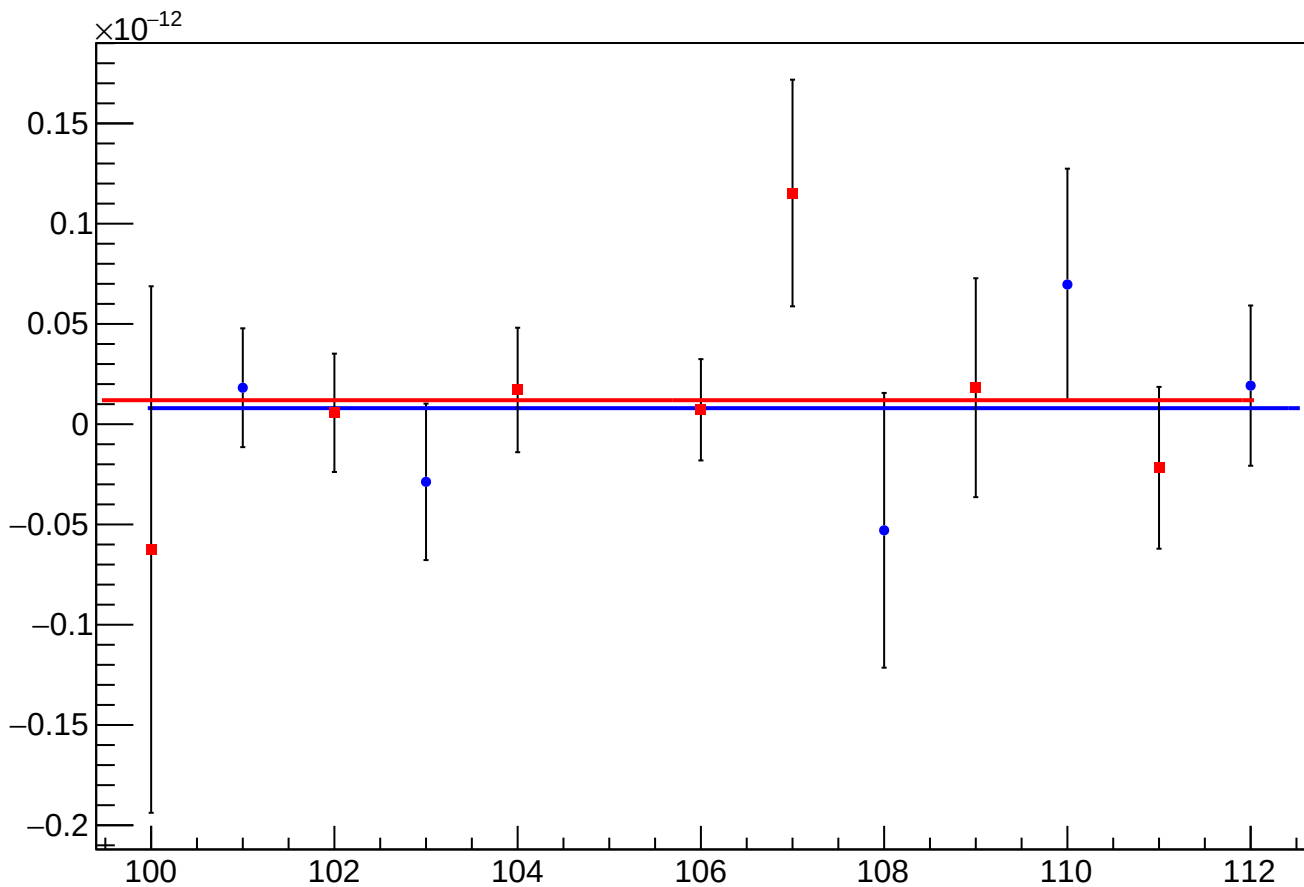
Right: 562.637+/-0.176 χ^2/NDF : 228373.2/11

In: 577.082+/-0.260 χ^2/NDF : 128579.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 562.637+/-0.176 χ^2/NDF : 228373.2/11

asym_sam5_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

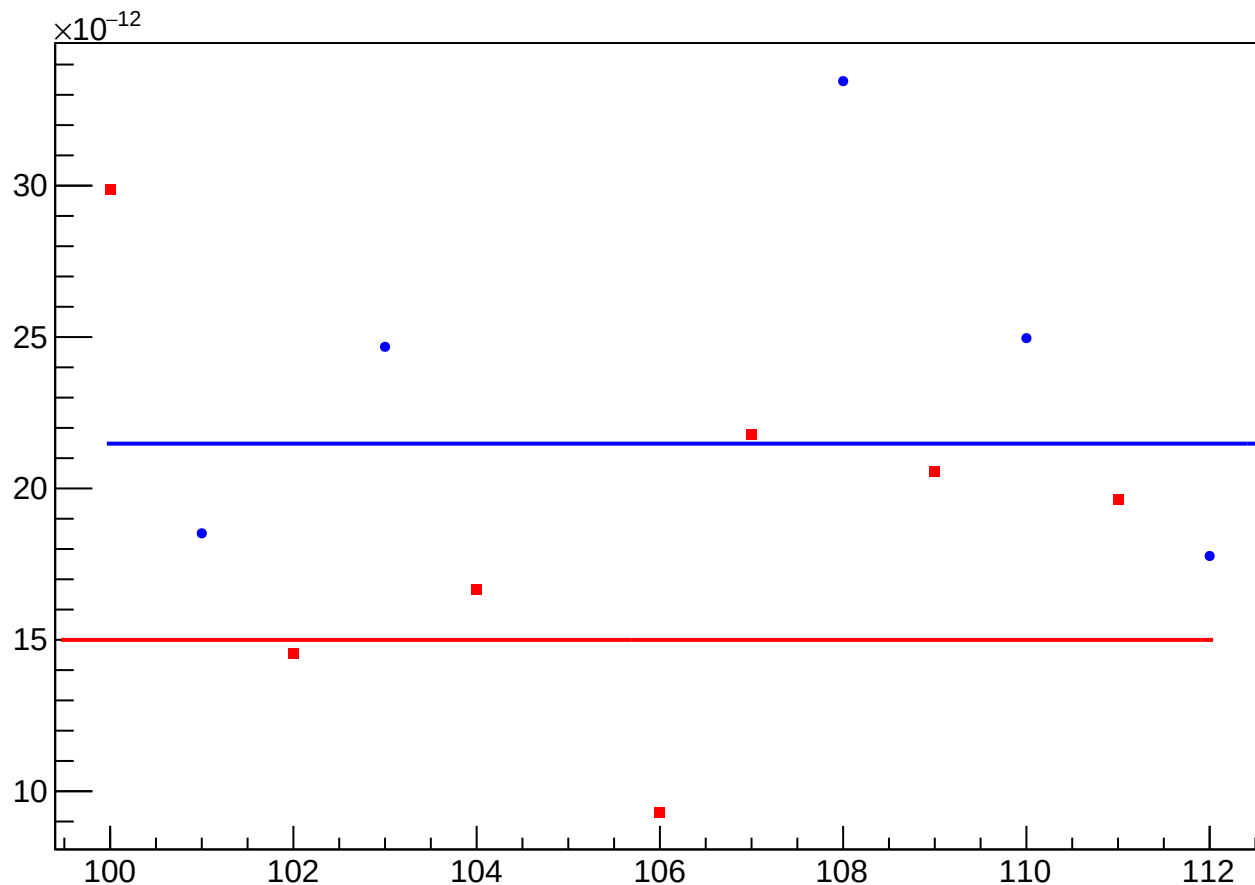
Right: 0.000+/-0.000 χ^2/NDF : 7.5/11

In: 0.000+/-0.000 χ^2/NDF : 3.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.5/11

asym_sam5_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 119006.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 209621.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

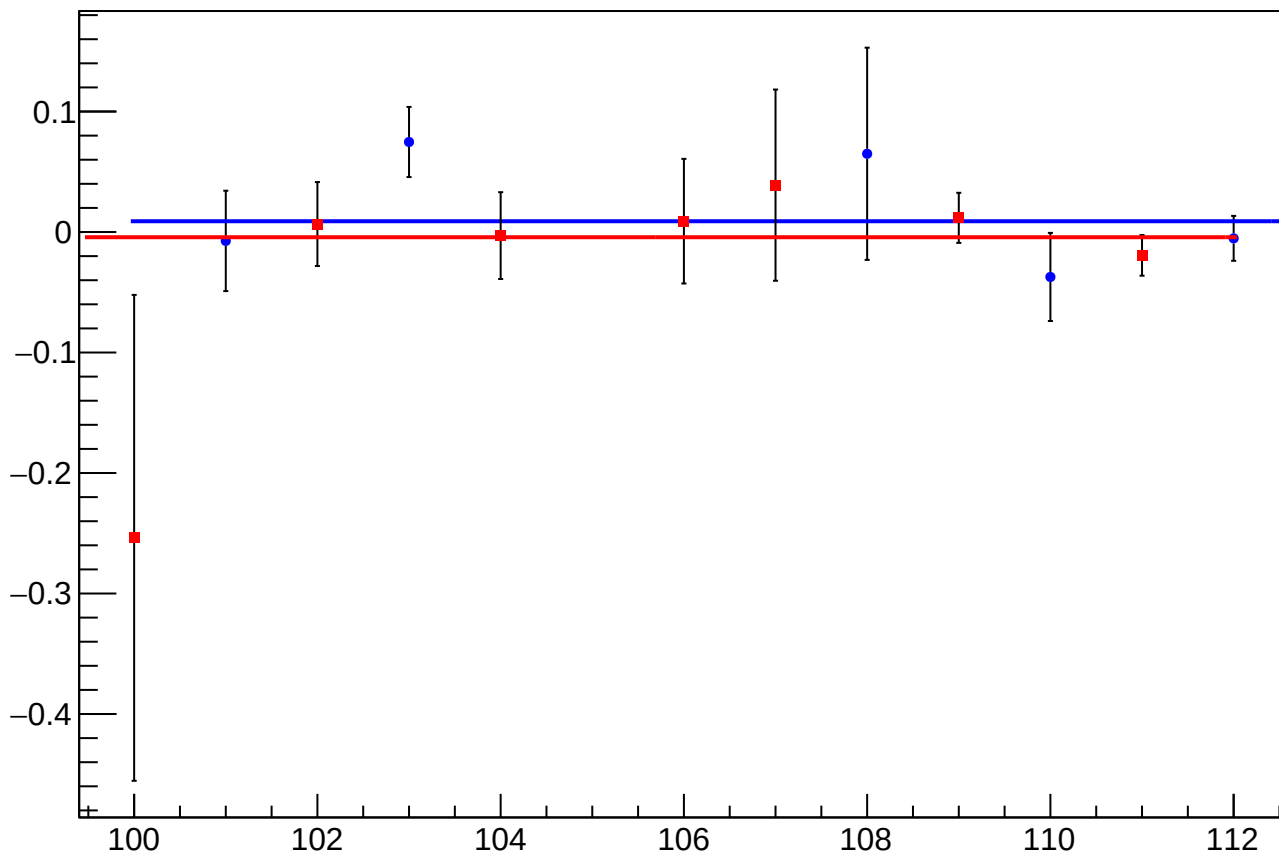
Right: 0.000+/-0.000 χ^2/NDF : 484812.8/11

In: 0.000+/-0.000 χ^2/NDF : 119006.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 484812.8/11

asym_sam5_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.013 χ^2/NDF : 7.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.004+/-0.011 χ^2/NDF : 3.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

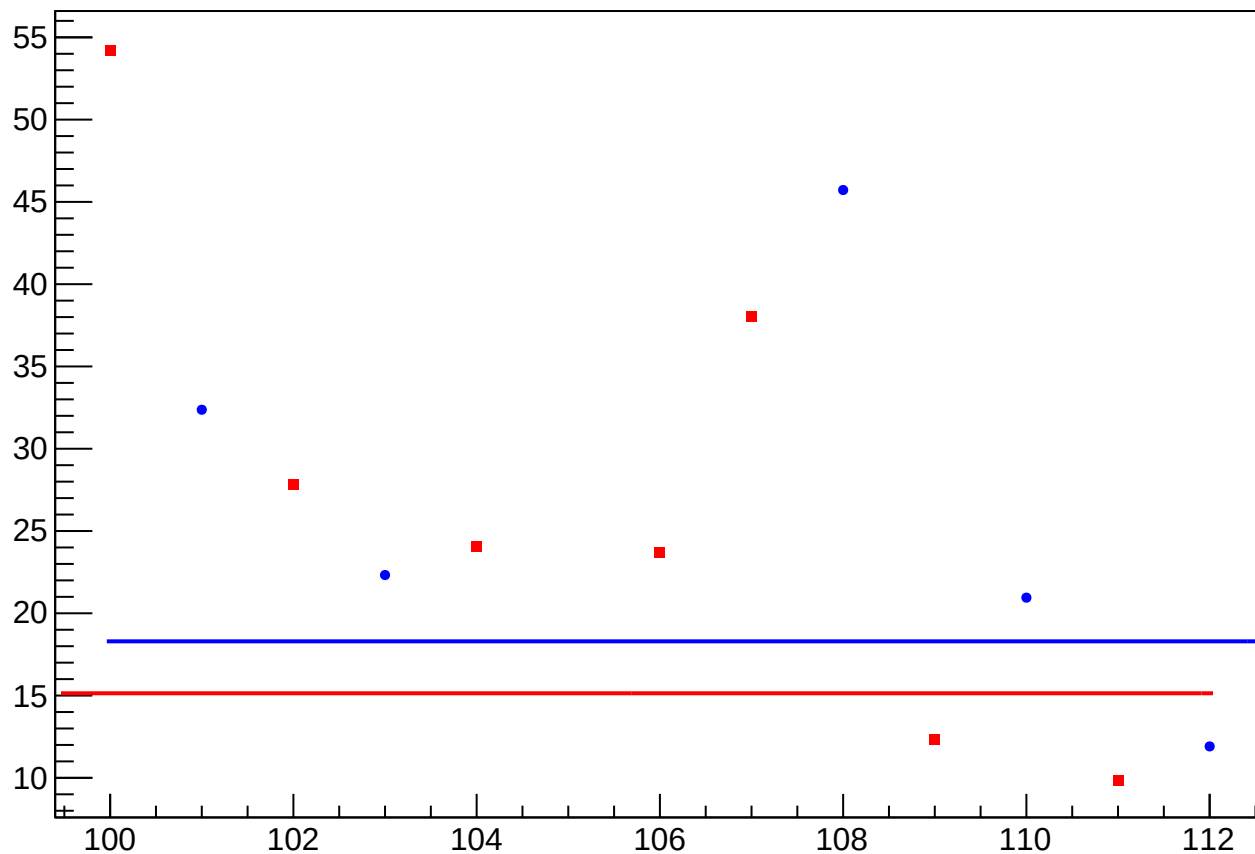
Right: 0.001+/-0.009 χ^2/NDF : 11.8/11

In: 0.009+/-0.013 χ^2/NDF : 7.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.009 χ^2/NDF : 11.8/11

asym_sam5_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.296+/-0.010 χ^2/NDF : 706056.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.139+/-0.008 χ^2/NDF : 918028.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

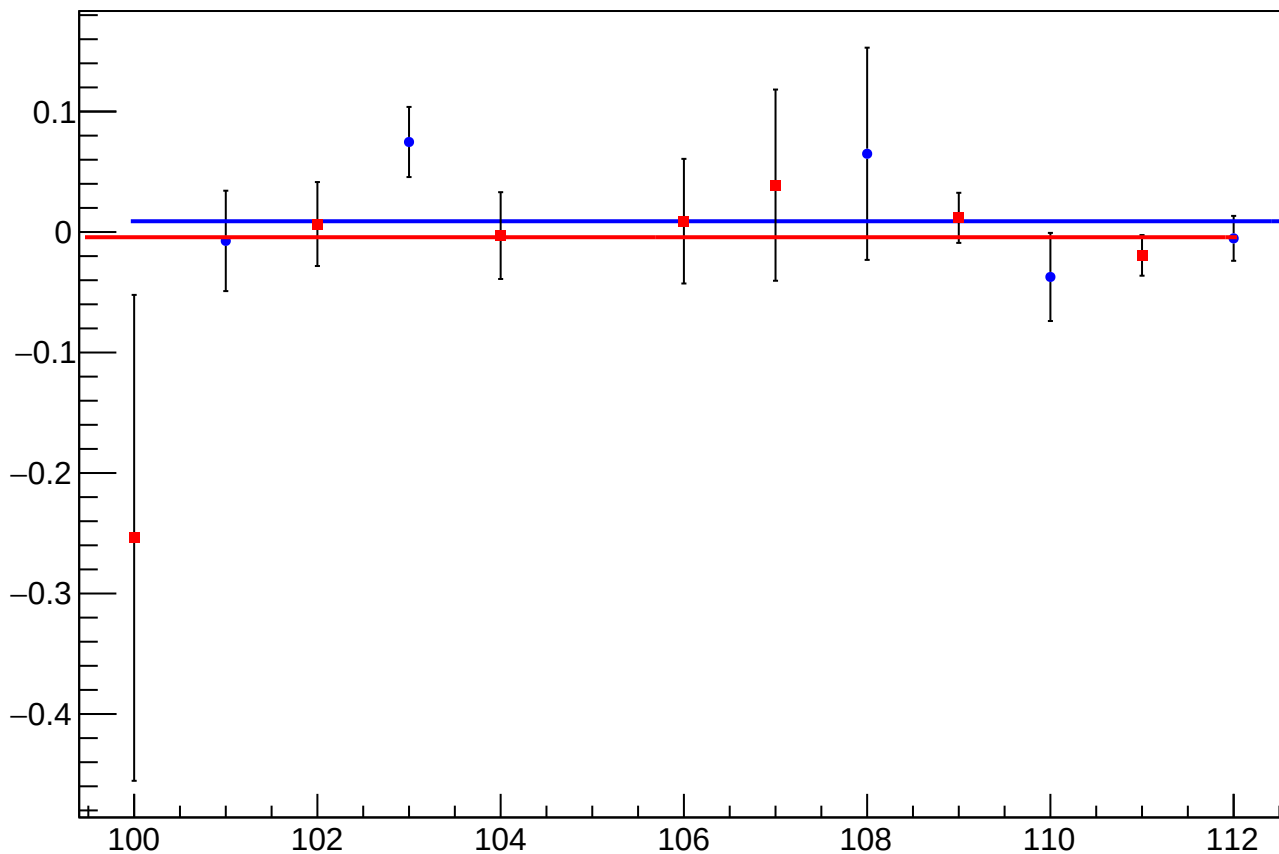
Right: 16.429+/-0.006 χ^2/NDF : 1689063.6/11

In: 18.296+/-0.010 χ^2/NDF : 706056.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.429+/-0.006 χ^2/NDF : 1689063.6/11

asym_sam5_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.013 χ^2 /NDF: 7.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.011 χ^2 /NDF: 3.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

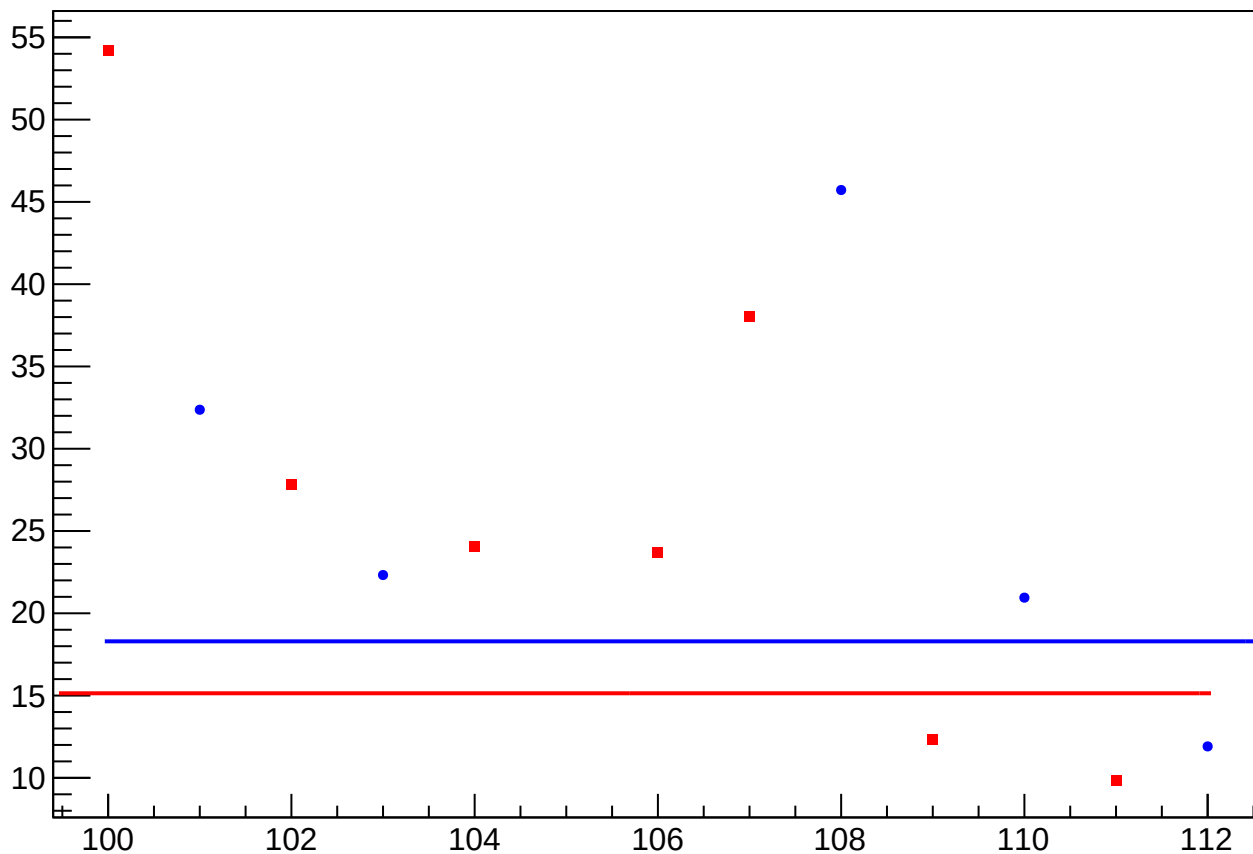
Right: 0.001 $\pm$ 0.009 χ^2 /NDF: 11.8/11

In: 0.009 $\pm$ 0.013 χ^2 /NDF:7.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.009 χ^2 /NDF: 11.8/11

asym_sam5_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.296+/-0.010 χ^2/NDF : 706056.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.139+/-0.008 χ^2/NDF : 918028.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

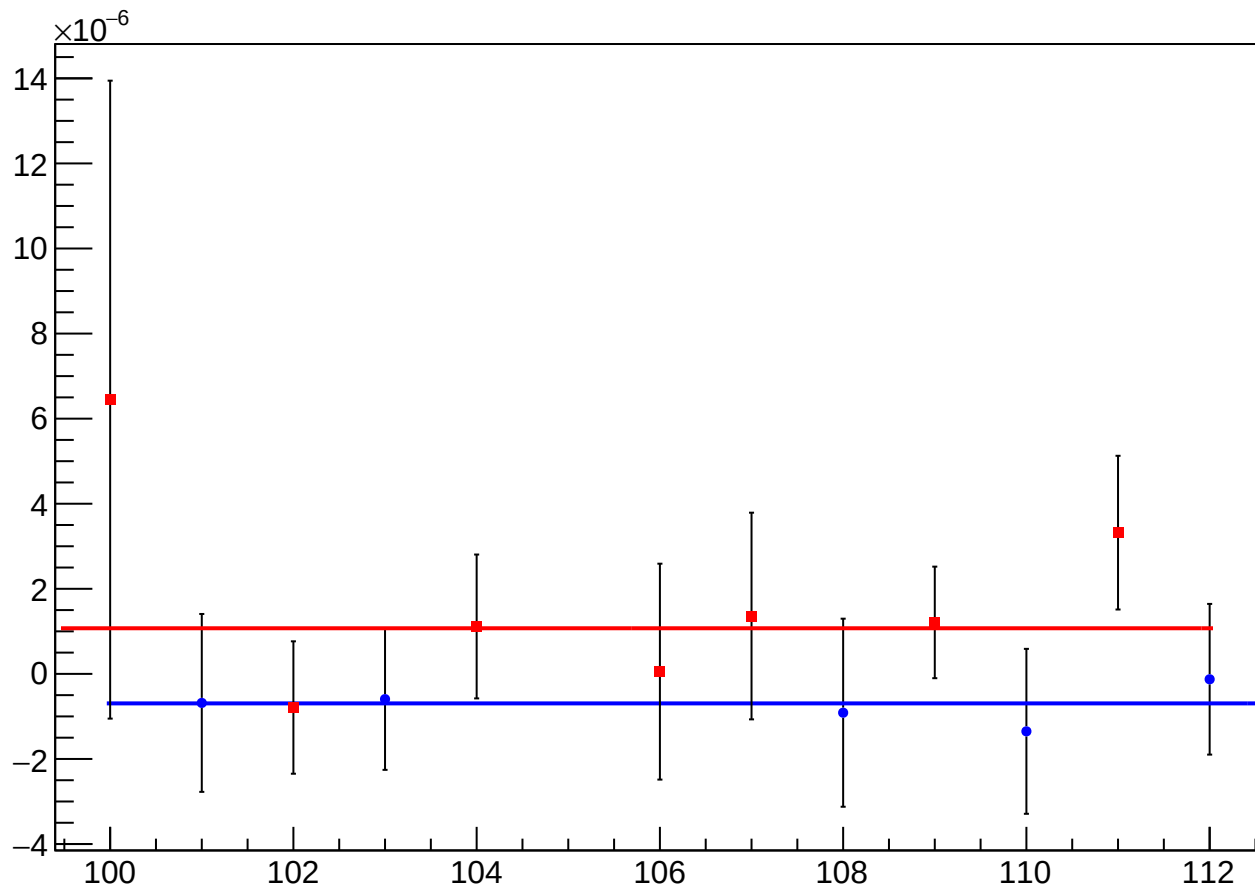
Right: 16.429+/-0.006 χ^2/NDF : 1689063.6/11

In: 18.296+/-0.010 χ^2/NDF : 706056.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.429+/-0.006 χ^2/NDF : 1689063.6/11

asym_sam5_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.2/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 3.7/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

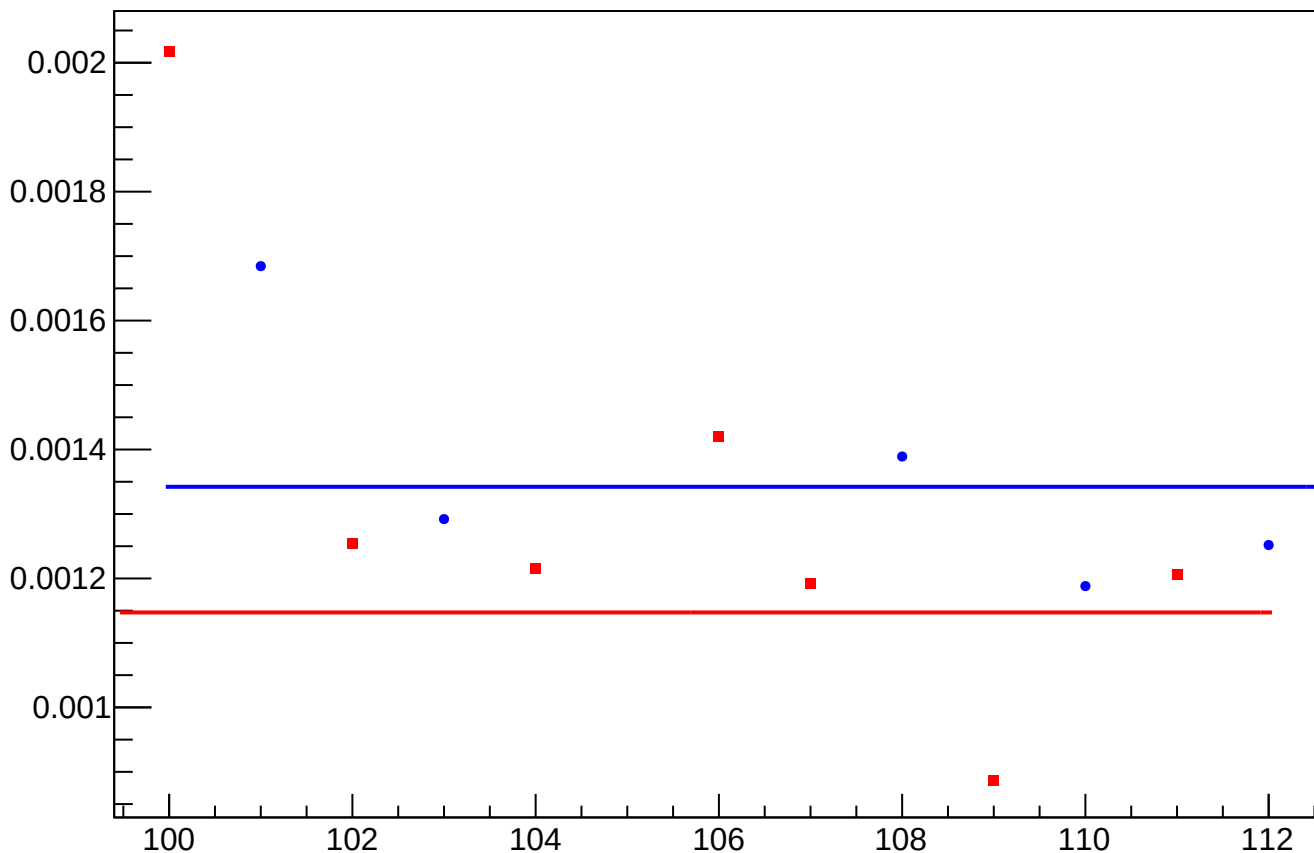
Right: 0.000+/-0.000 χ^2 /NDF: 6.5/11

In: -0.000+/-0.000 χ^2 /NDF:0.2/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 6.5/11

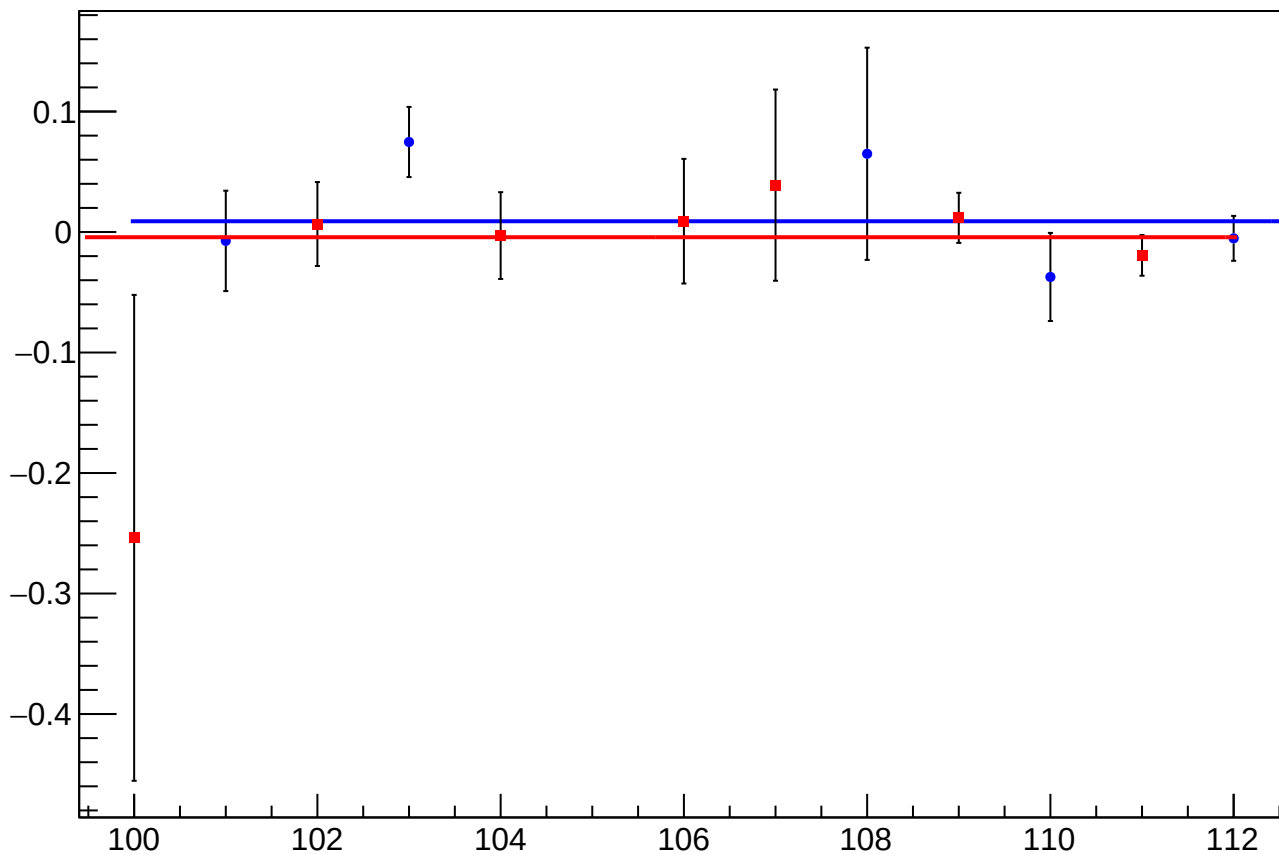
asym_sam5_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 74138.0/4
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 0.001+/-0.000 χ^2/NDF : 144305.9/6
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.001+/-0.000 χ^2/NDF : 280379.3/11
 In: 0.001+/-0.000 χ^2/NDF :74138.0/4
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.001+/-0.000 χ^2/NDF : 280379.3/11

asym_sam5_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.013 χ^2 /NDF: 7.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.011 χ^2 /NDF: 3.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

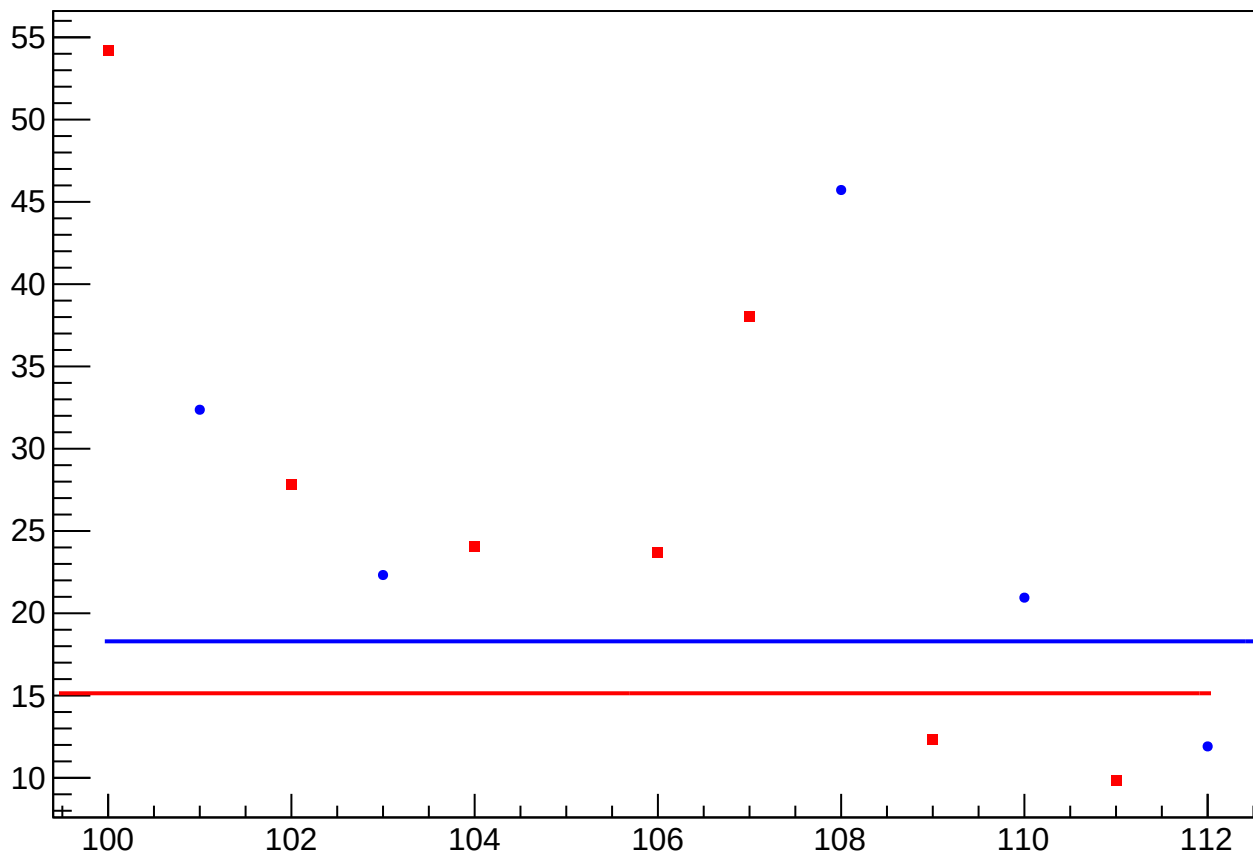
Right: 0.001 $\pm$ 0.009 χ^2 /NDF: 11.8/11

In: 0.009 $\pm$ 0.013 χ^2 /NDF:7.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.009 χ^2 /NDF: 11.8/11

asym_sam5_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.296+/-0.010 χ^2/NDF : 706044.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.139+/-0.008 χ^2/NDF : 918056.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

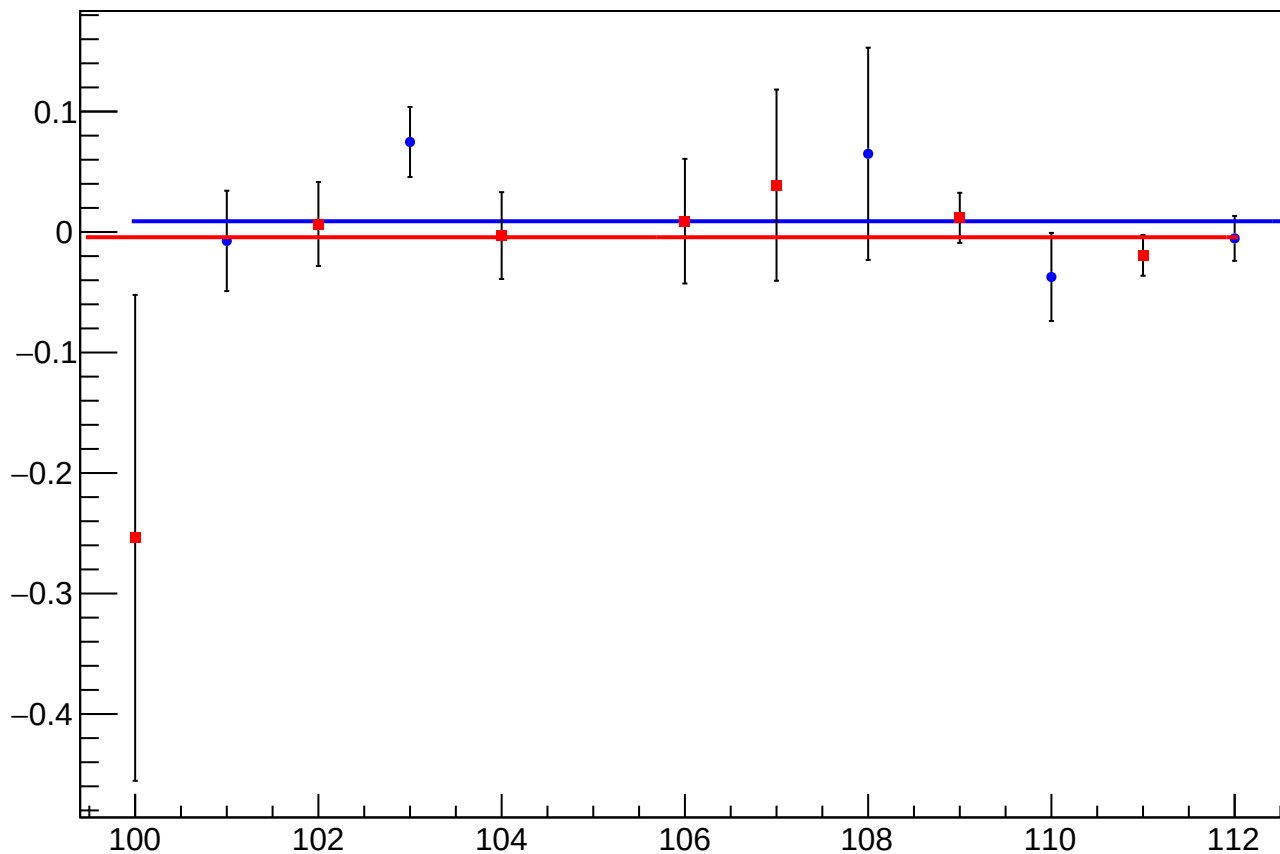
Right: 16.429+/-0.006 χ^2/NDF : 1689088.0/11

In: 18.296+/-0.010 χ^2/NDF : 706044.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.429+/-0.006 χ^2/NDF : 1689088.0/11

asym_sam5_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.013 χ^2 /NDF: 7.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.011 χ^2 /NDF: 3.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

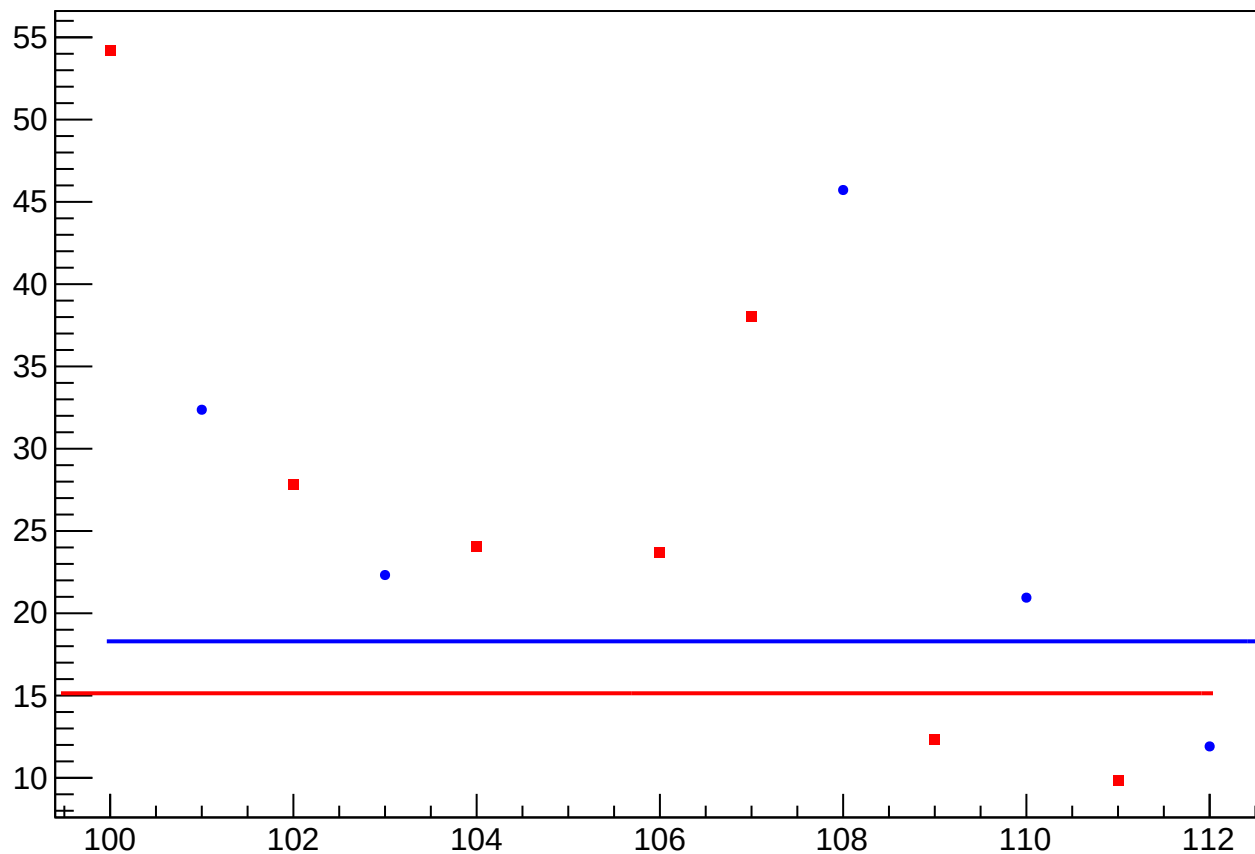
Right: 0.001 $\pm$ 0.009 χ^2 /NDF: 11.8/11

In: 0.009 $\pm$ 0.013 χ^2 /NDF:7.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.009 χ^2 /NDF: 11.8/11

asym_sam5_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.296+/-0.010 χ^2/NDF : 706044.0/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 15.139+/-0.008 χ^2/NDF : 918056.0/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

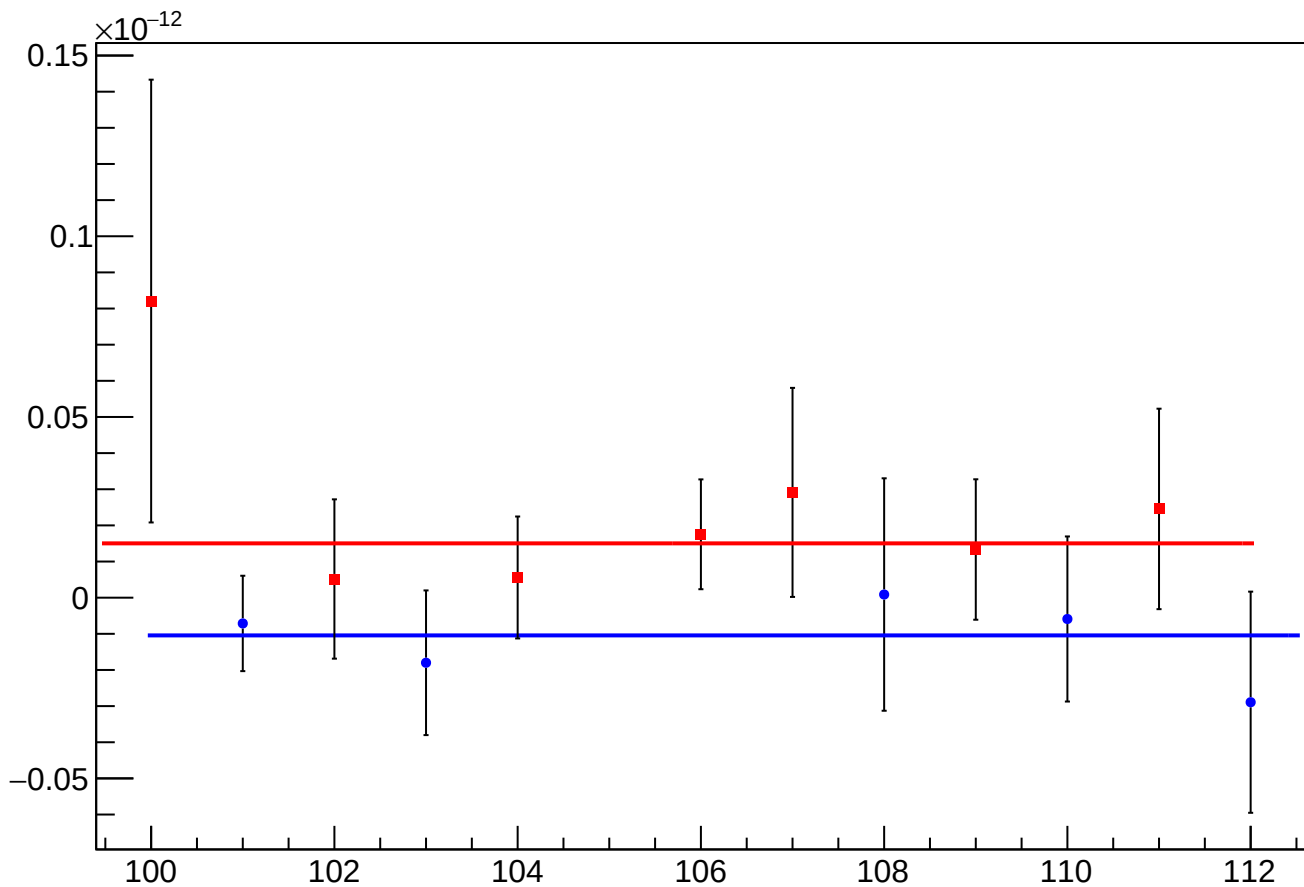
Right: 16.429+/-0.006 χ^2/NDF : 1689088.0/11

In: 18.296+/-0.010 χ^2/NDF :706044.0/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 16.429+/-0.006 χ^2/NDF : 1689088.0/11

asym_sam5_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

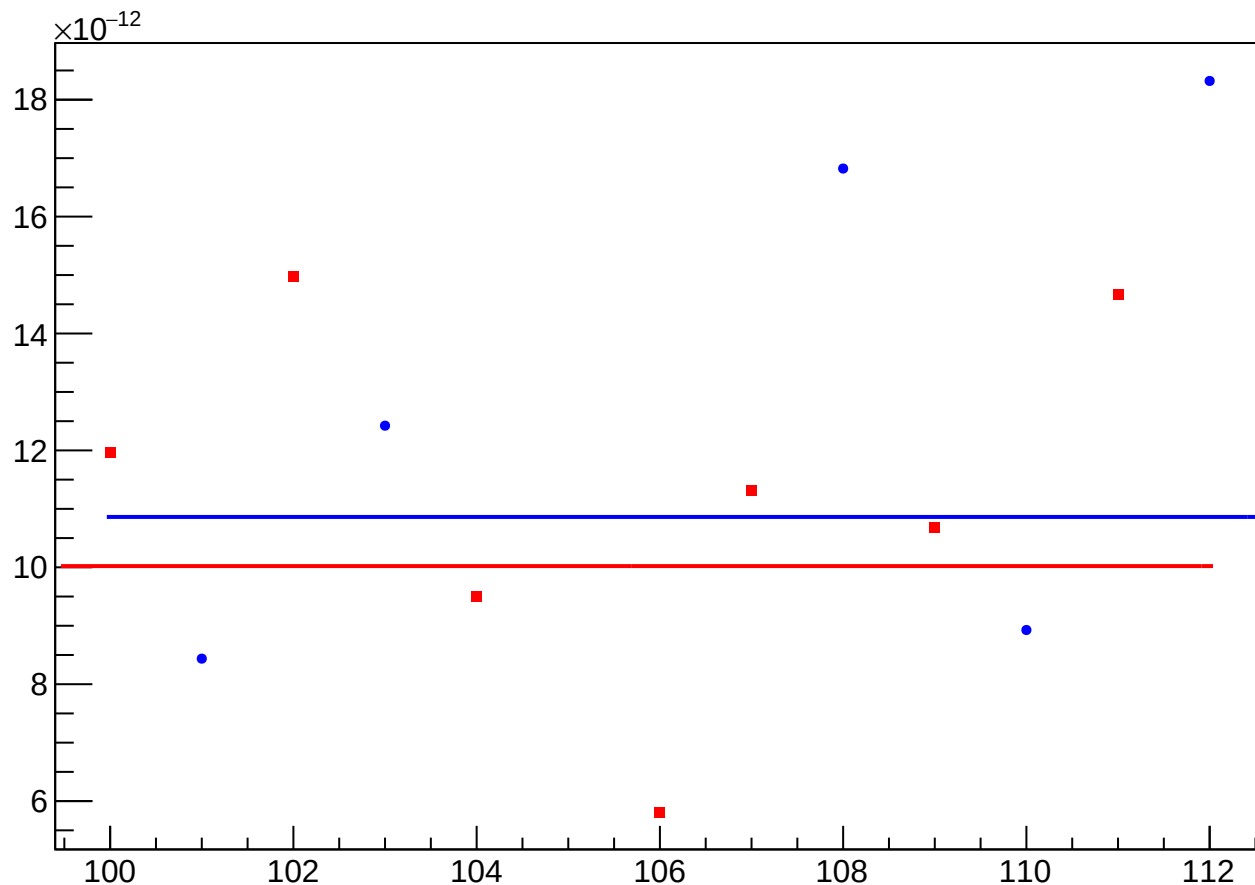
Right: 0.000+/-0.000 χ^2/NDF : 7.2/11

In: -0.000+/-0.000 χ^2/NDF : 0.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.2/11

asym_sam5_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 281629.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 320887.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

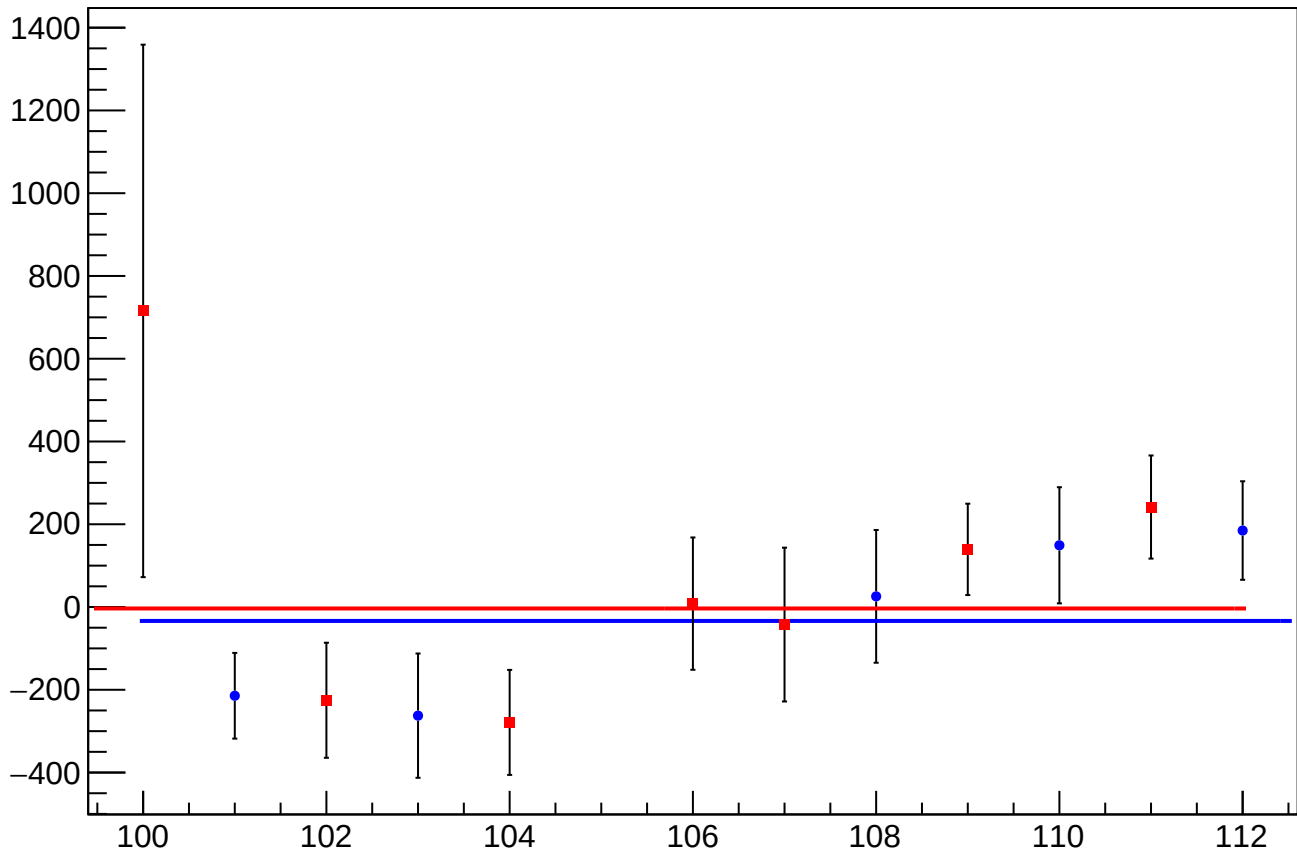
Right: 0.000+/-0.000 χ^2/NDF : 612114.3/11

In: 0.000+/-0.000 χ^2/NDF : 281629.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 612114.3/11

reg_asym_sam6_mean vs Slug, Sign Corrected



Right In: -33.643 $\pm$ 57.955 χ^2 /NDF: 10.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.531 $\pm$ 54.981 χ^2 /NDF: 14.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

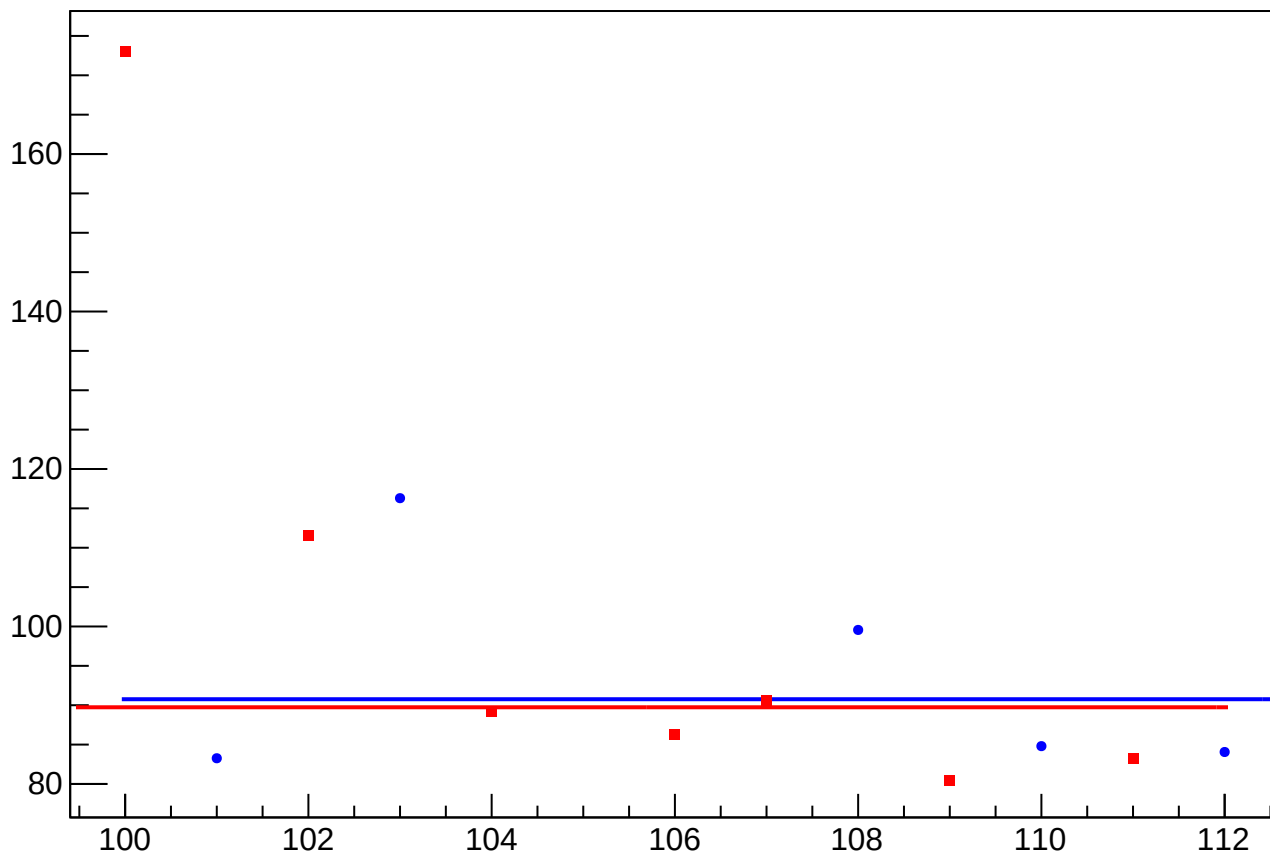
Right: -17.794 $\pm$ 39.887 χ^2 /NDF: 24.8/11

In: -33.643 $\pm$ 57.955 χ^2 /NDF: 10.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -17.794 $\pm$ 39.887 χ^2 /NDF: 24.8/11

reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 90.761 $\pm$ 0.041 χ^2 /NDF: 84255.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 89.738 $\pm$ 0.039 χ^2 /NDF: 103186.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

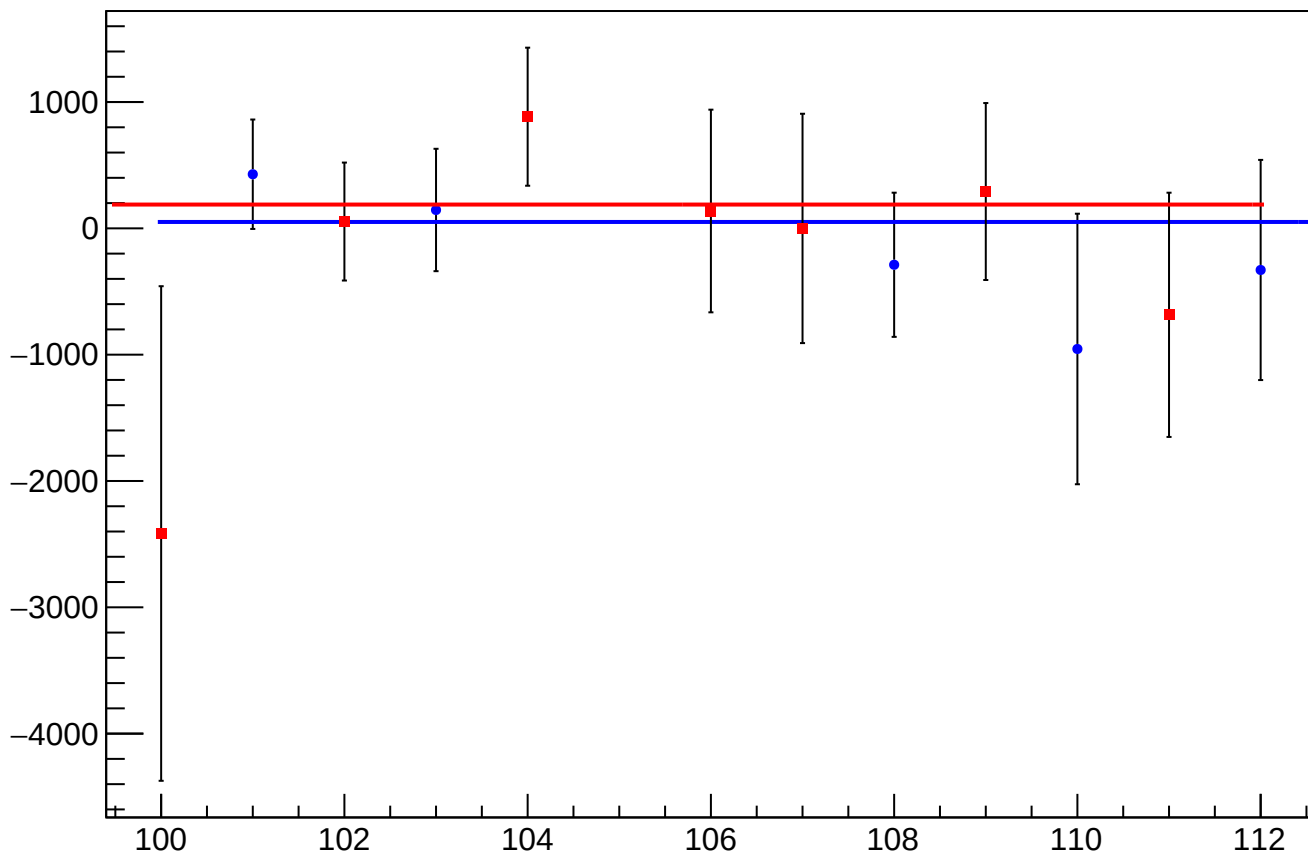
Right: 90.223 $\pm$ 0.028 χ^2 /NDF: 187770.3/11

In: 90.761 $\pm$ 0.041 χ^2 /NDF:84255.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 90.223 $\pm$ 0.028 χ^2 /NDF: 187770.3/11

asym_sam6_reg_correction_mean vs Slug, Sign Corrected



Right In: 50.593+/-259.475 χ^2/NDF : 2.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 188.369+/-266.572 χ^2/NDF : 4.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

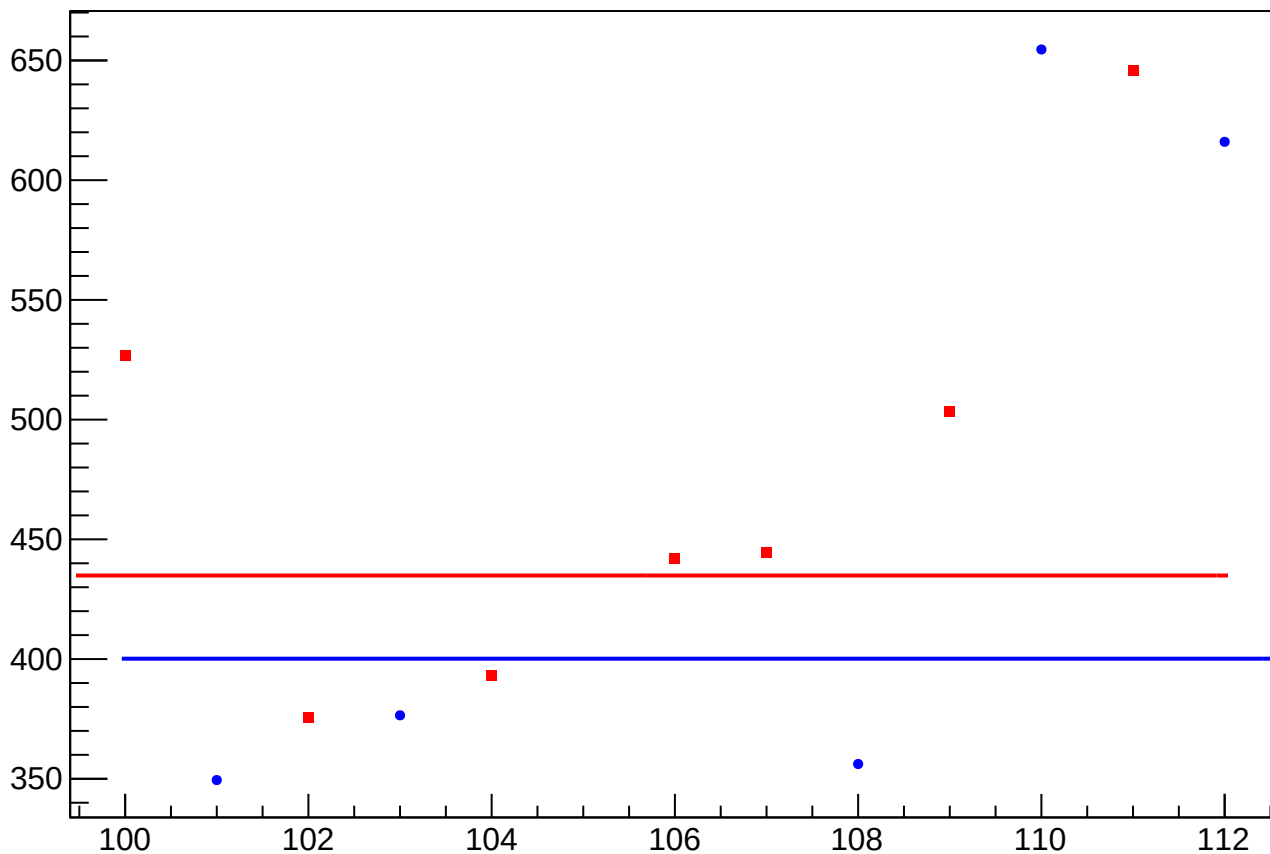
Right: 117.623+/-185.935 χ^2/NDF : 6.7/11

In: 50.593+/-259.475 χ^2/NDF : 2.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.623+/-185.935 χ^2/NDF : 6.7/11

asym_sam6_reg_correction_rms vs Slug, Sign Corrected



Right In: 400.160+/-0.183 χ^2/NDF : 279655.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 434.892+/-0.188 χ^2/NDF : 163253.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

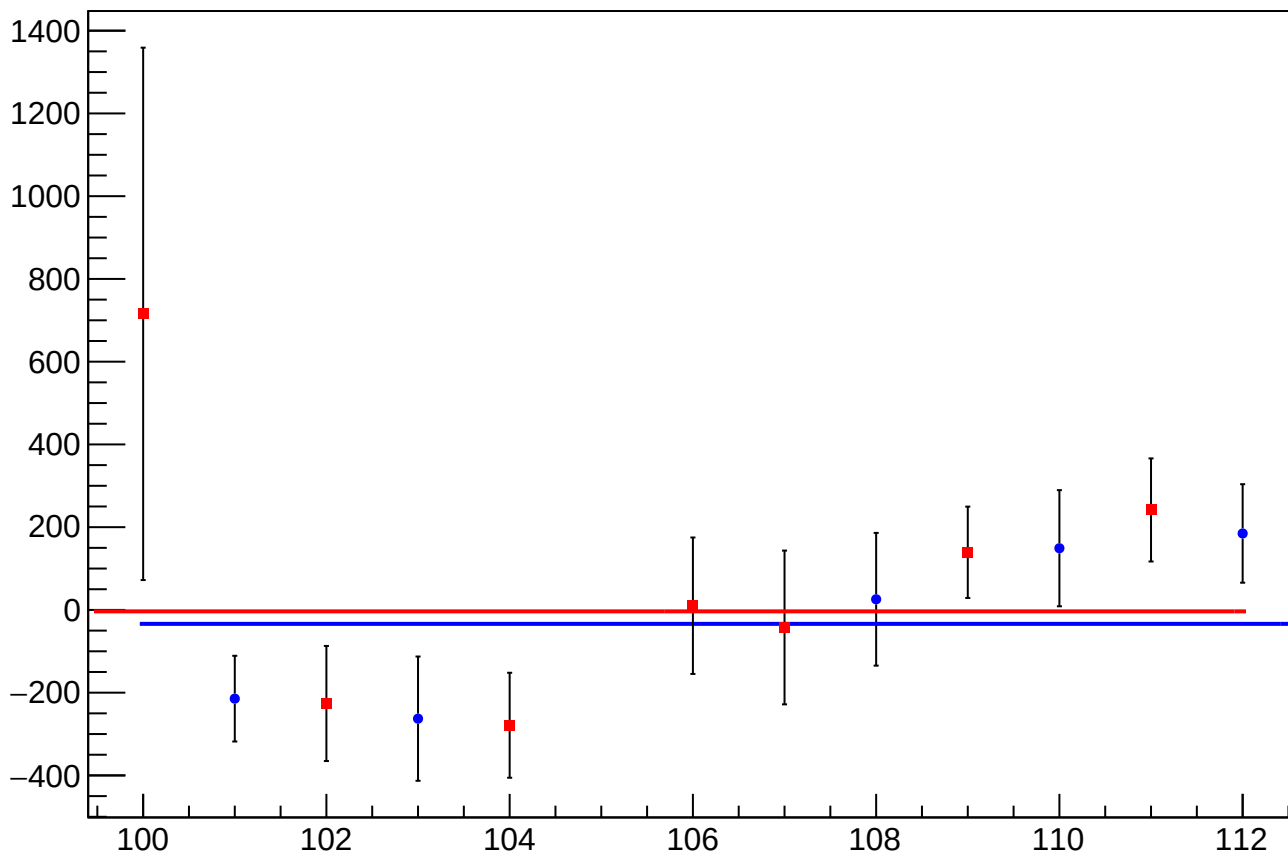
Right: 417.057+/-0.131 χ^2/NDF : 460342.7/11

In: 400.160+/-0.183 χ^2/NDF : 279655.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 417.057+/-0.131 χ^2/NDF : 460342.7/11

cor_asym_sam6_mean vs Slug, Sign Corrected



Right In: -33.687 $\pm$ 57.955 χ^2 /NDF: 10.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.476 $\pm$ 55.180 χ^2 /NDF: 14.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

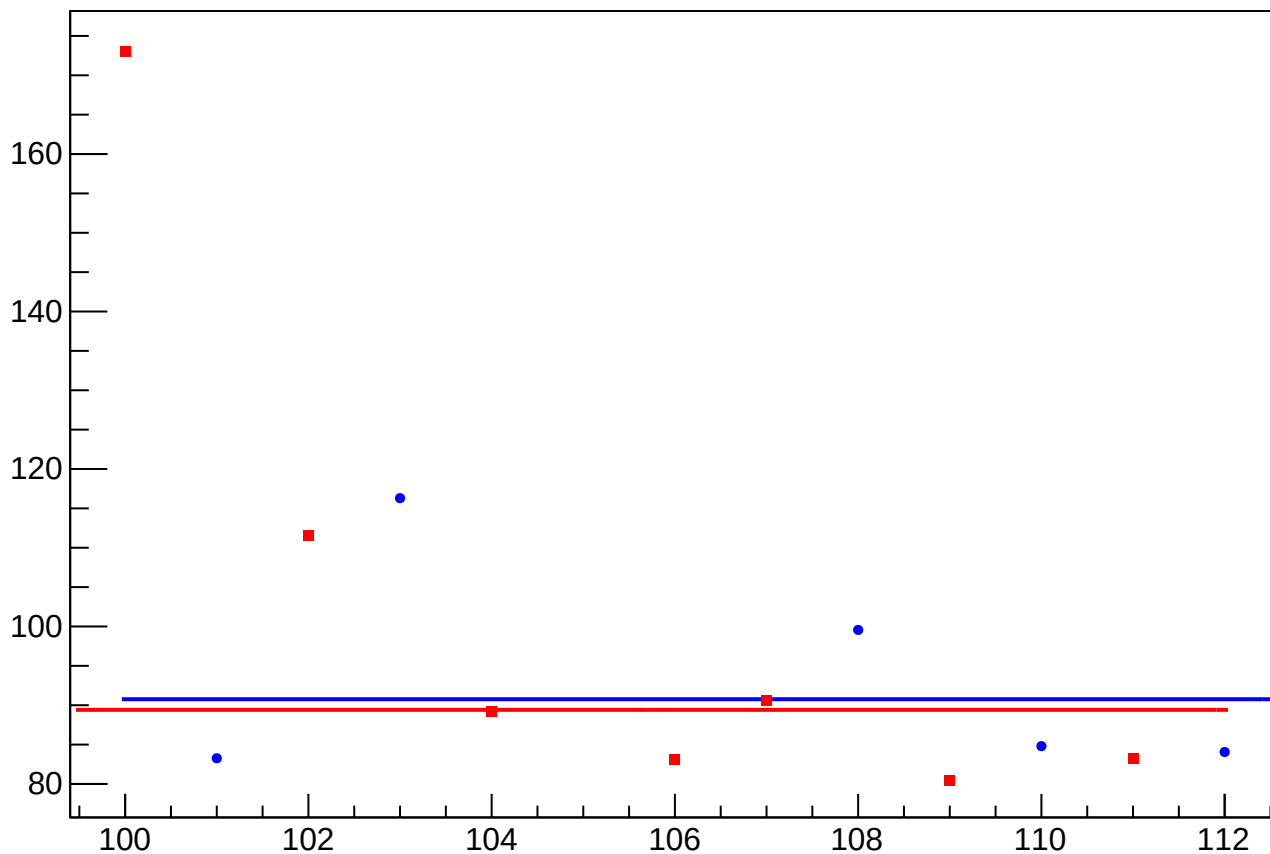
Right: -17.841 $\pm$ 39.963 χ^2 /NDF: 24.8/11

In: -33.687 $\pm$ 57.955 χ^2 /NDF:10.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -17.841 $\pm$ 39.963 χ^2 /NDF: 24.8/11

cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 90.762 $\pm$ 0.041 χ^2 /NDF: 84258.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 89.413 $\pm$ 0.039 χ^2 /NDF: 105546.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

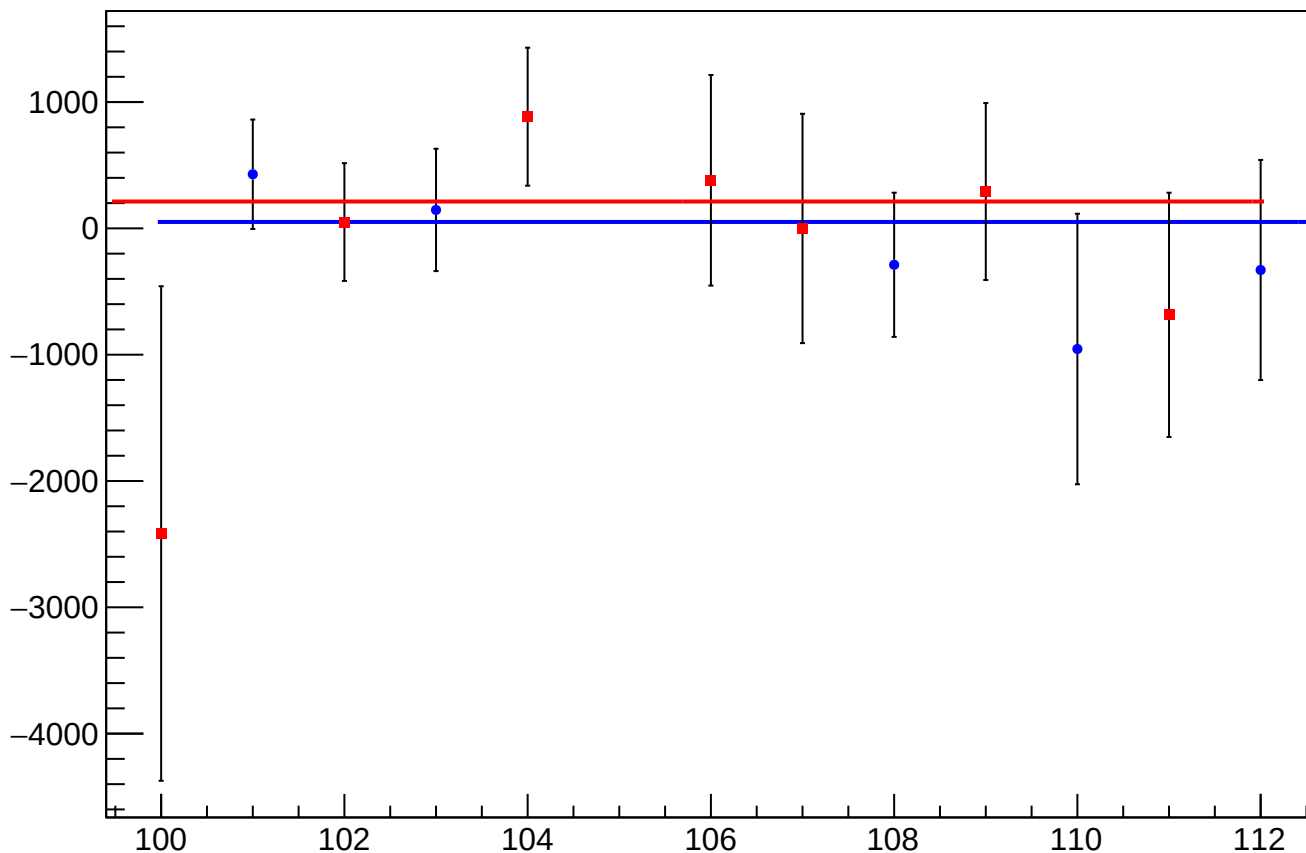
Right: 90.054 $\pm$ 0.028 χ^2 /NDF: 190372.9/11

In: 90.762 $\pm$ 0.041 χ^2 /NDF:84258.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 90.054 $\pm$ 0.028 χ^2 /NDF: 190372.9/11

asym_sam6_cor_correction_mean vs Slug, Sign Corrected



Right In: 50.787+/-259.465 χ^2/NDF : 2.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 212.590+/-267.522 χ^2/NDF : 4.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

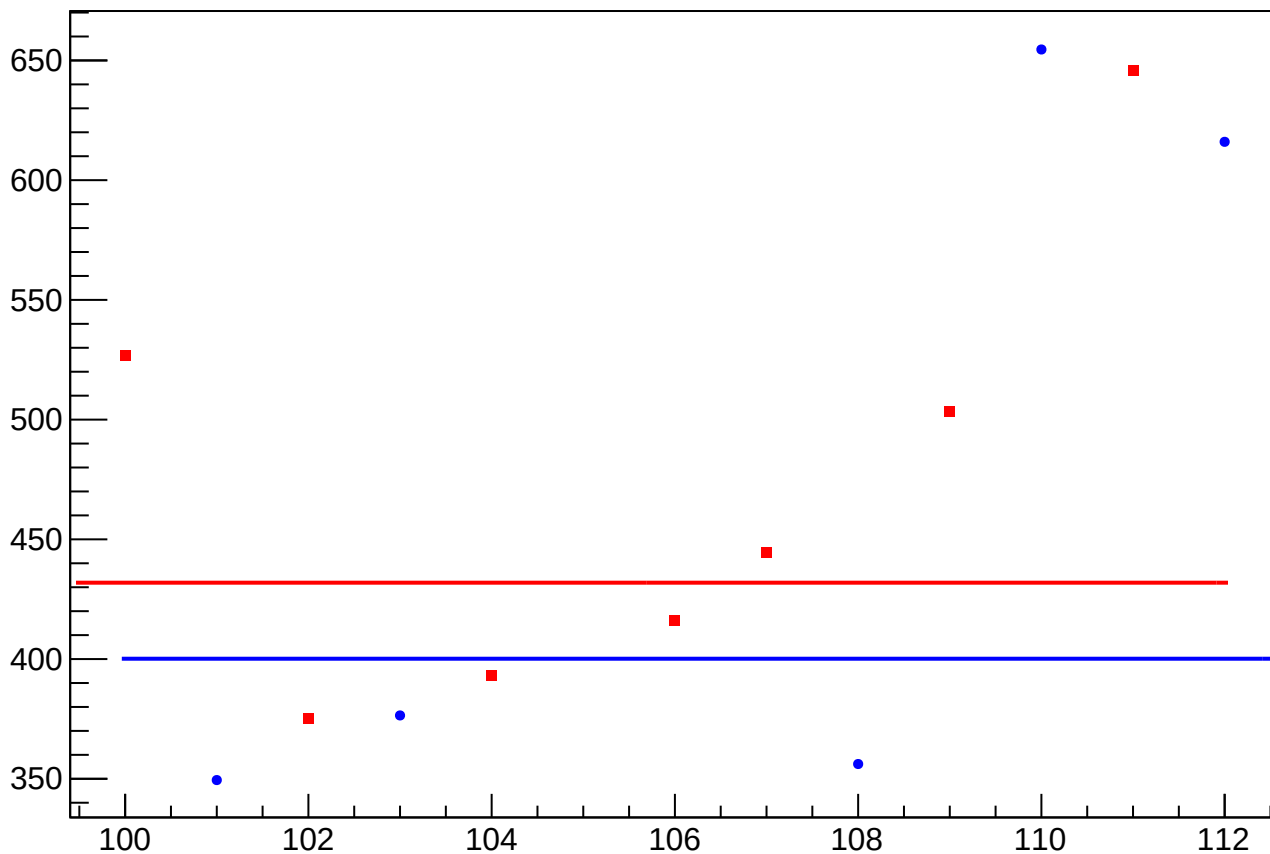
Right: 129.215+/-186.253 χ^2/NDF : 6.8/11

In: 50.787+/-259.465 χ^2/NDF : 2.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.215+/-186.253 χ^2/NDF : 6.8/11

asym_sam6_cor_correction_rms vs Slug, Sign Corrected



Right In: 400.143+/-0.183 χ^2/NDF : 279677.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 431.898+/-0.189 χ^2/NDF : 164676.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

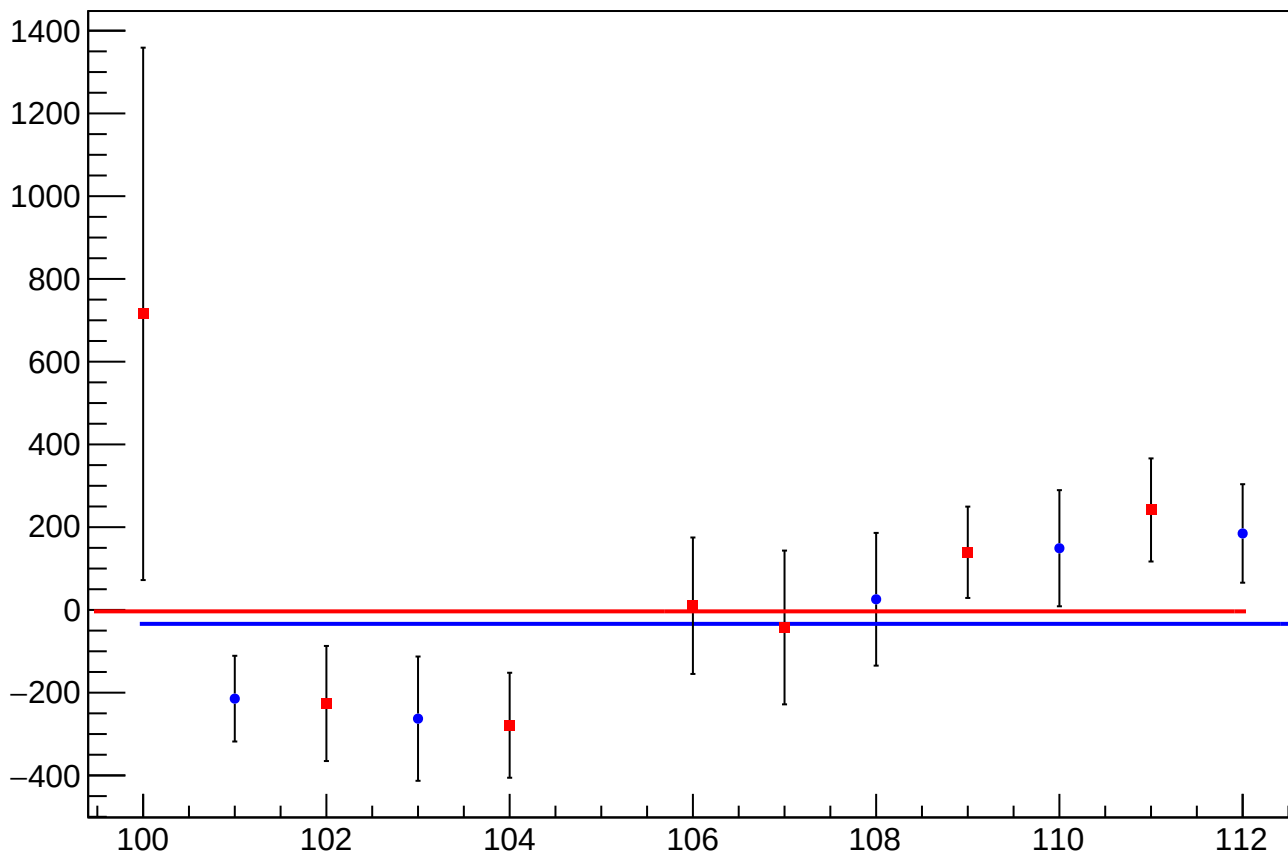
Right: 415.535+/-0.132 χ^2/NDF : 458874.3/11

In: 400.143+/-0.183 χ^2/NDF : 279677.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 415.535+/-0.132 χ^2/NDF : 458874.3/11

eigen_cor_asym_sam6_mean vs Slug, Sign Corrected



Right In: -33.687 $\pm$ 57.955 χ^2 /NDF: 10.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.476 $\pm$ 55.180 χ^2 /NDF: 14.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

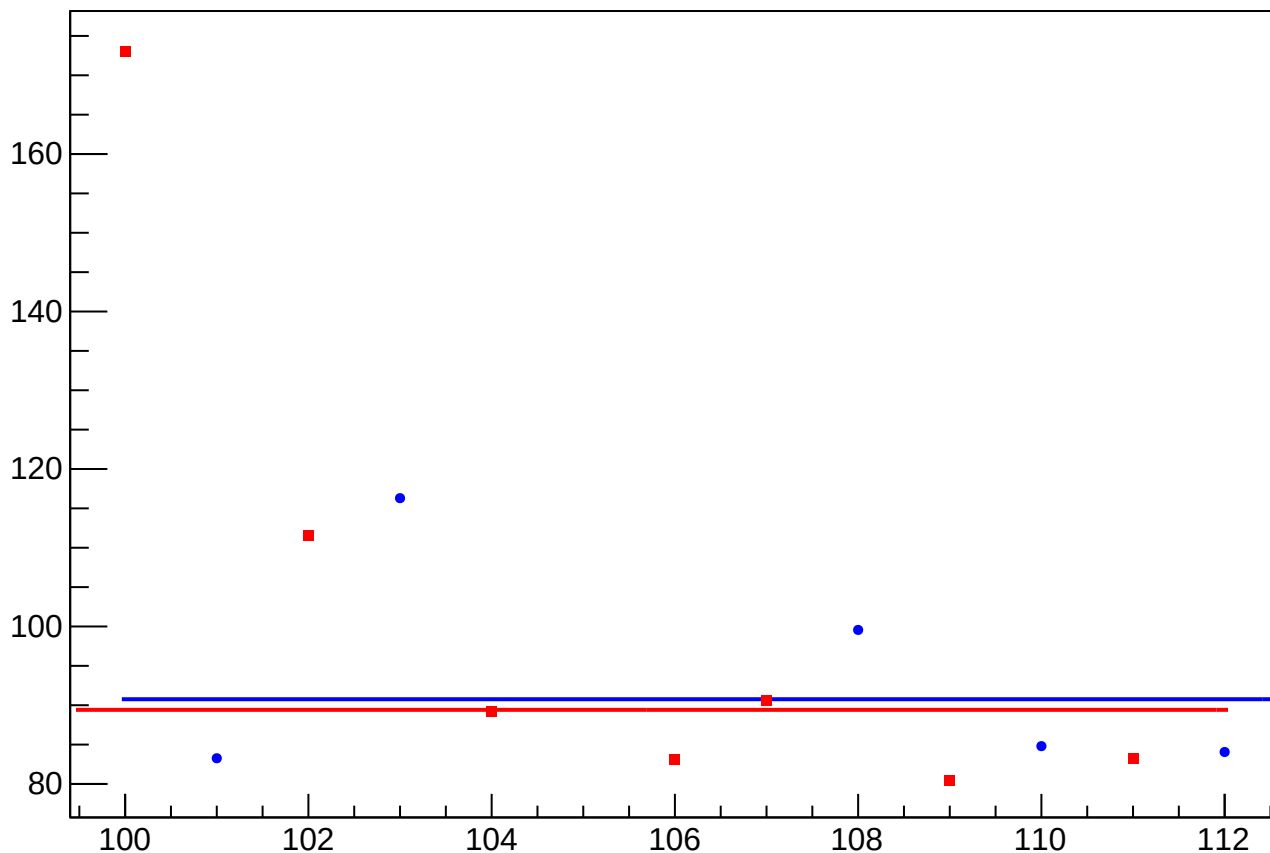
Right: -17.841 $\pm$ 39.963 χ^2 /NDF: 24.8/11

In: -33.687 $\pm$ 57.955 χ^2 /NDF:10.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -17.841 $\pm$ 39.963 χ^2 /NDF: 24.8/11

eigen_cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 90.762 $\pm$ 0.041 χ^2 /NDF: 84258.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 89.413 $\pm$ 0.039 χ^2 /NDF: 105546.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

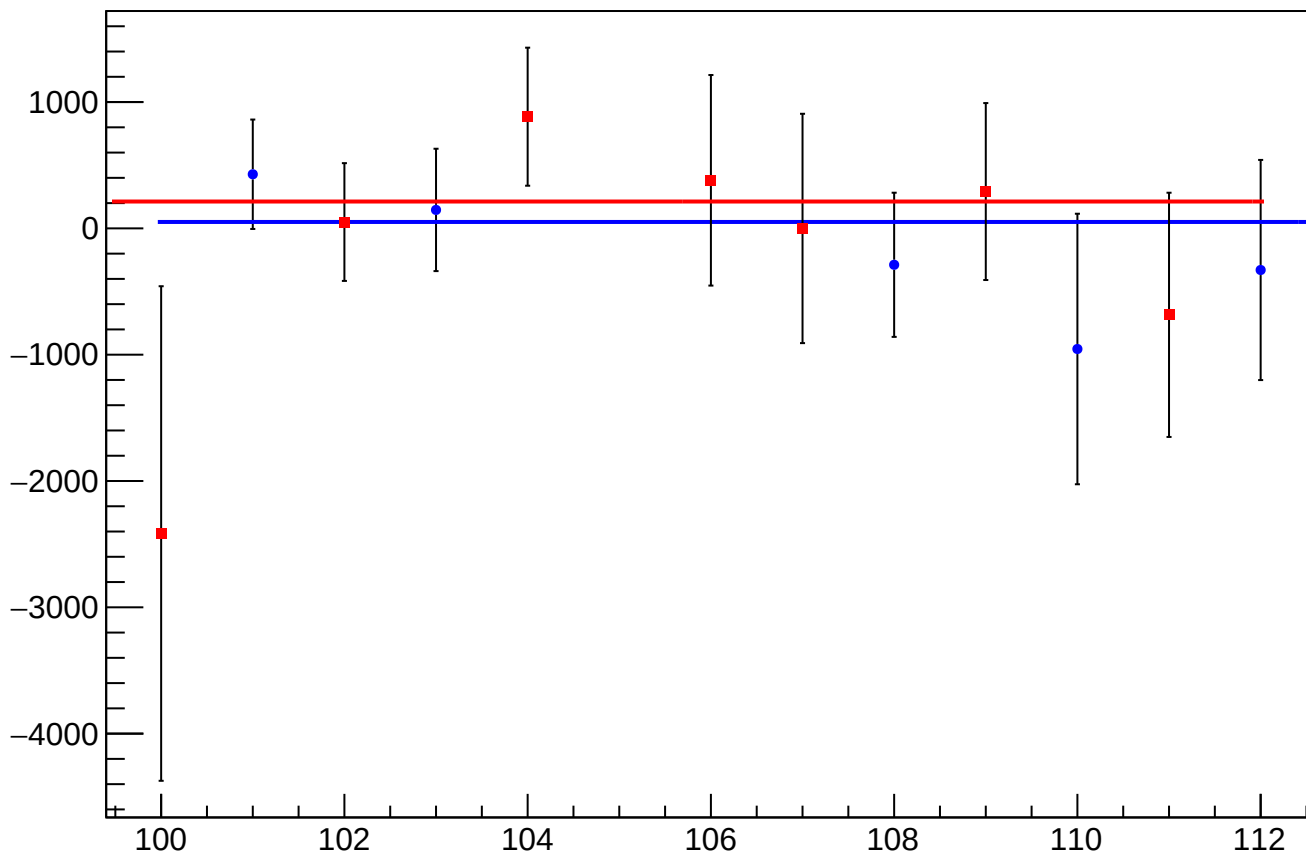
Right: 90.054 $\pm$ 0.028 χ^2 /NDF: 190372.9/11

In: 90.762 $\pm$ 0.041 χ^2 /NDF:84258.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 90.054 $\pm$ 0.028 χ^2 /NDF: 190372.9/11

asym_sam6_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 50.787+/-259.465 χ^2/NDF : 2.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 212.590+/-267.522 χ^2/NDF : 4.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

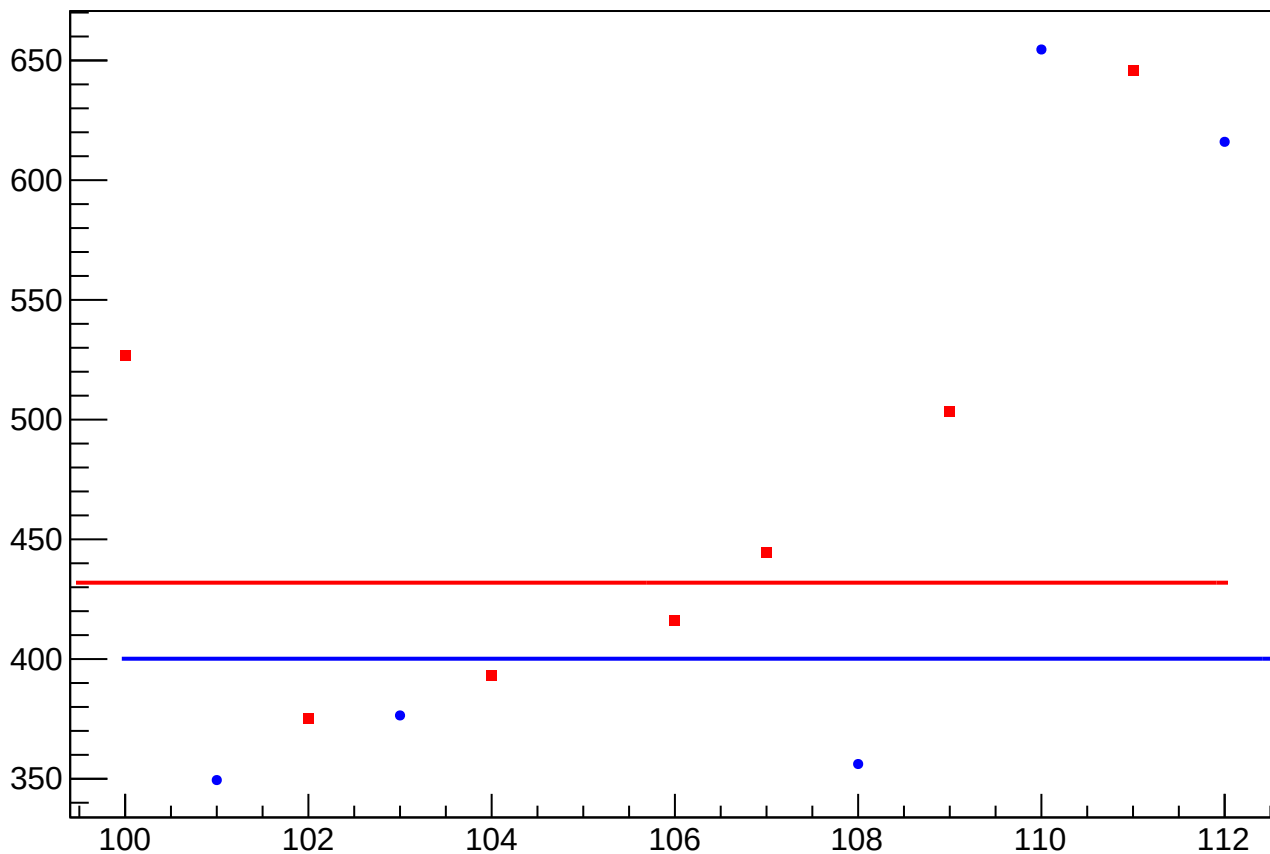
Right: 129.215+/-186.253 χ^2/NDF : 6.8/11

In: 50.787+/-259.465 χ^2/NDF : 2.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.215+/-186.253 χ^2/NDF : 6.8/11

asym_sam6_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 400.143+/-0.183 χ^2/NDF : 279677.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 431.898+/-0.189 χ^2/NDF : 164676.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

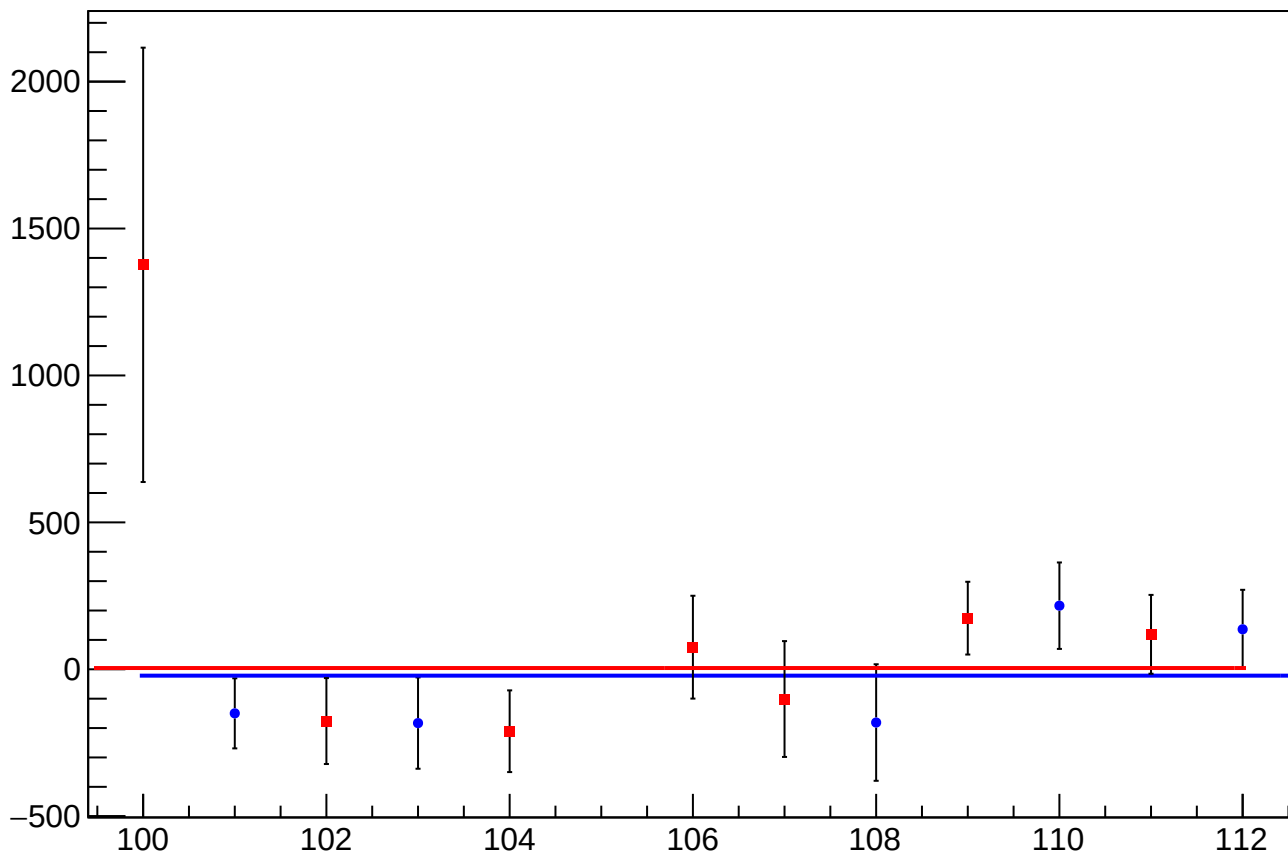
Right: 415.535+/-0.132 χ^2/NDF : 458874.3/11

In: 400.143+/-0.183 χ^2/NDF : 279677.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 415.535+/-0.132 χ^2/NDF : 458874.3/11

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -21.638 ± 64.710 χ^2/NDF : 6.9/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 4.307 ± 59.812 χ^2/NDF : 10.4/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

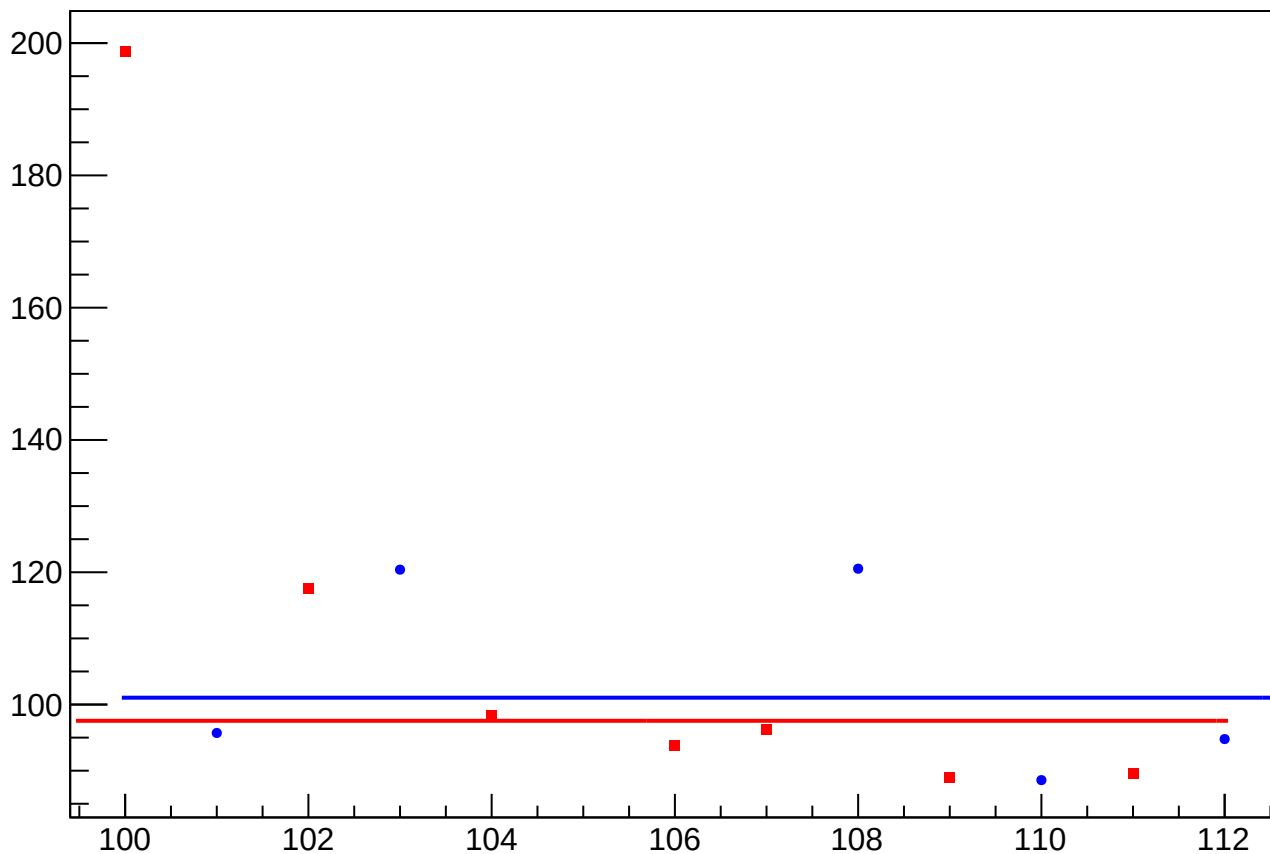
Right: -7.646 ± 43.923 χ^2/NDF : 17.4/11

In: -21.638 ± 64.710 χ^2/NDF : 6.9/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.646 ± 43.923 χ^2/NDF : 17.4/11

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 101.036+/-0.046 χ^2/NDF : 73069.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.546+/-0.042 χ^2/NDF : 92620.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

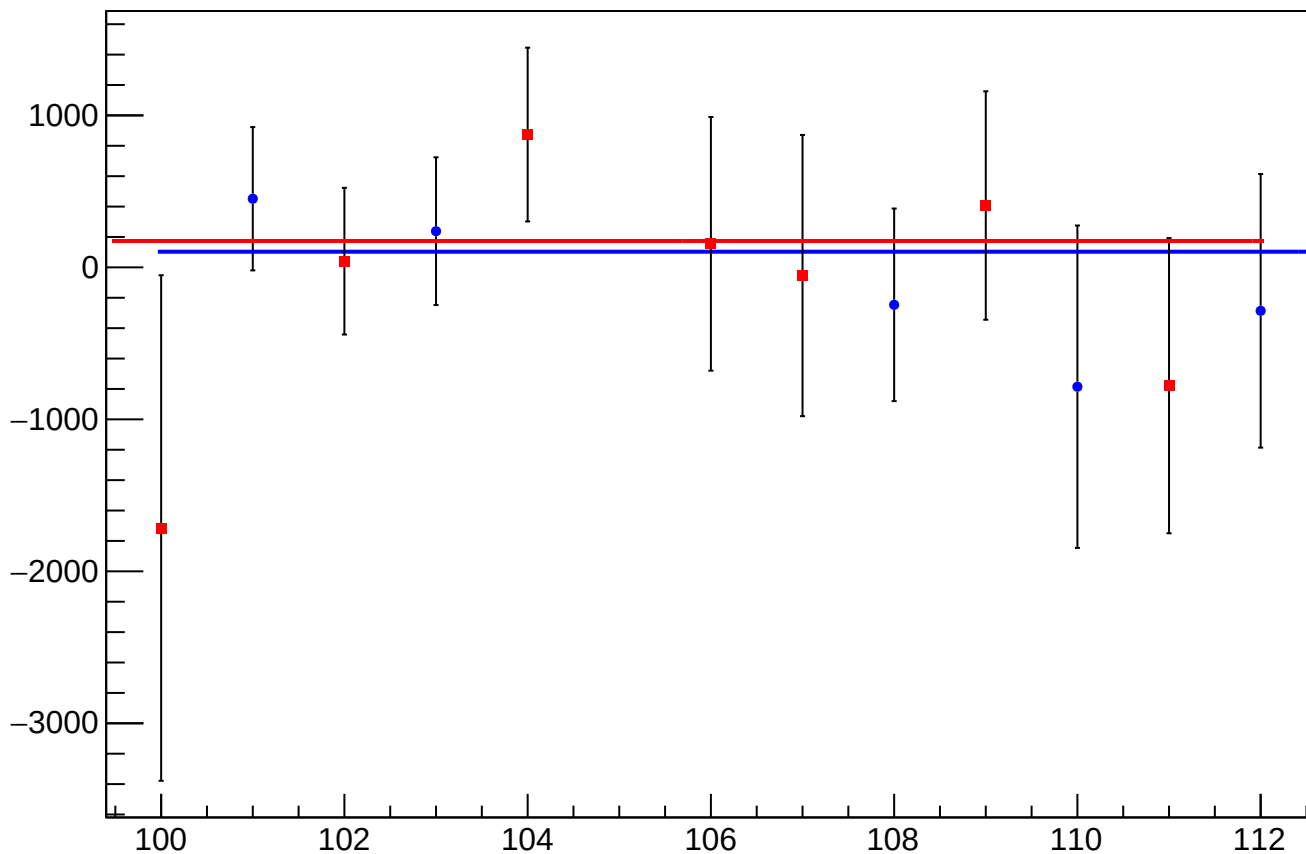
Right: 99.154+/-0.031 χ^2/NDF : 168827.9/11

In: 101.036+/-0.046 χ^2/NDF : 73069.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.154+/-0.031 χ^2/NDF : 168827.9/11

asym_sam6_dit_correction_mean vs Slug, Sign Corrected



Right In: 102.991 $\pm$ 273.743 χ^2 /NDF: 1.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 173.640 $\pm$ 275.770 χ^2 /NDF: 4.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

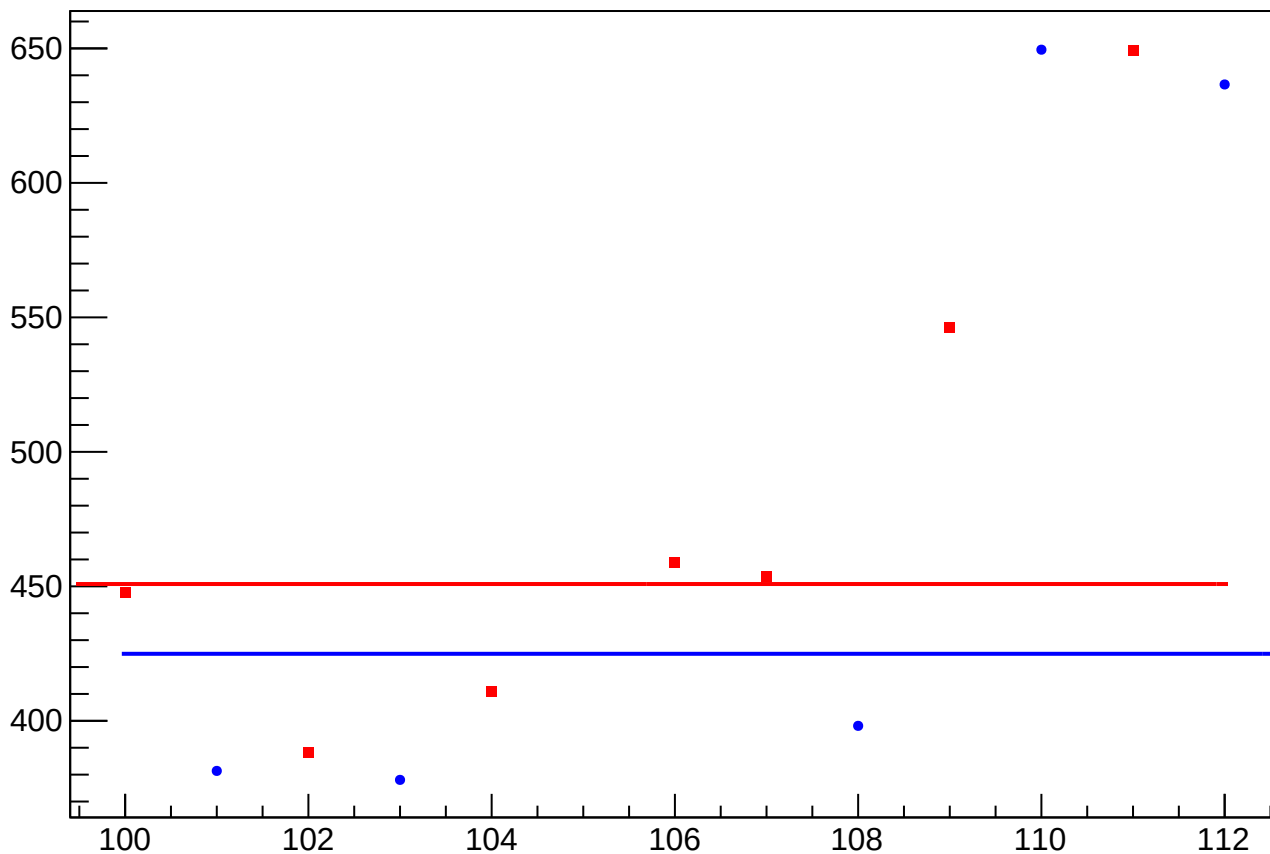
Right: 138.055 $\pm$ 194.278 χ^2 /NDF: 5.8/11

In: 102.991 $\pm$ 273.743 χ^2 /NDF:1.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 138.055 $\pm$ 194.278 χ^2 /NDF: 5.8/11

asym_sam6_dit_correction_rms vs Slug, Sign Corrected



Right In: 424.924+/-0.194 χ^2/NDF : 239515.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 450.867+/-0.195 χ^2/NDF : 159324.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

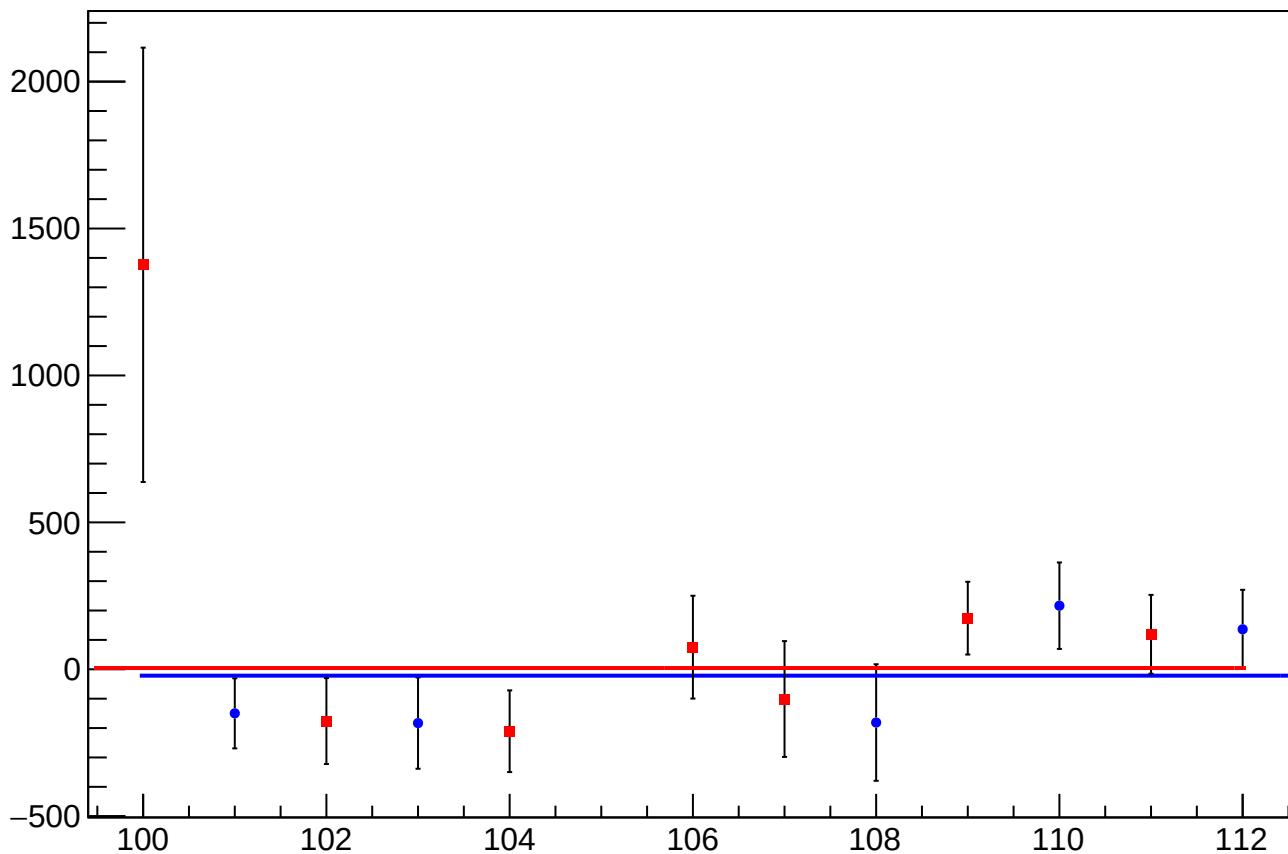
Right: 437.800+/-0.137 χ^2/NDF : 407755.0/11

In: 424.924+/-0.194 χ^2/NDF : 239515.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 437.800+/-0.137 χ^2/NDF : 407755.0/11

eigen_dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -21.640+/-64.710 χ^2 /NDF: 6.9/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 4.310+/-59.811 χ^2 /NDF: 10.4/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

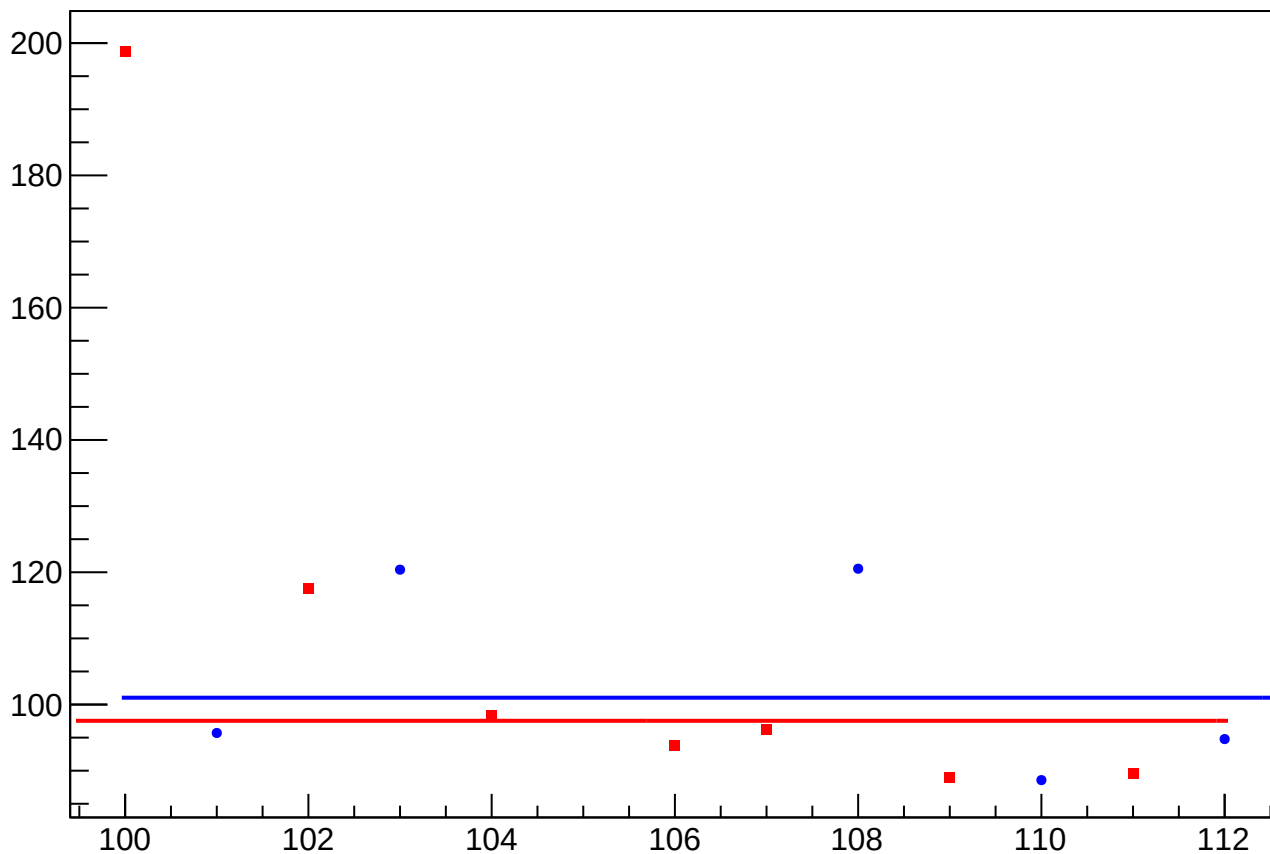
Right: -7.645+/-43.923 χ^2 /NDF: 17.4/11

In: -21.640+/-64.710 χ^2 /NDF:6.9/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -7.645+/-43.923 χ^2 /NDF: 17.4/11

eigen_dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 101.036+/-0.046 χ^2/NDF : 73071.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.545+/-0.042 χ^2/NDF : 92621.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

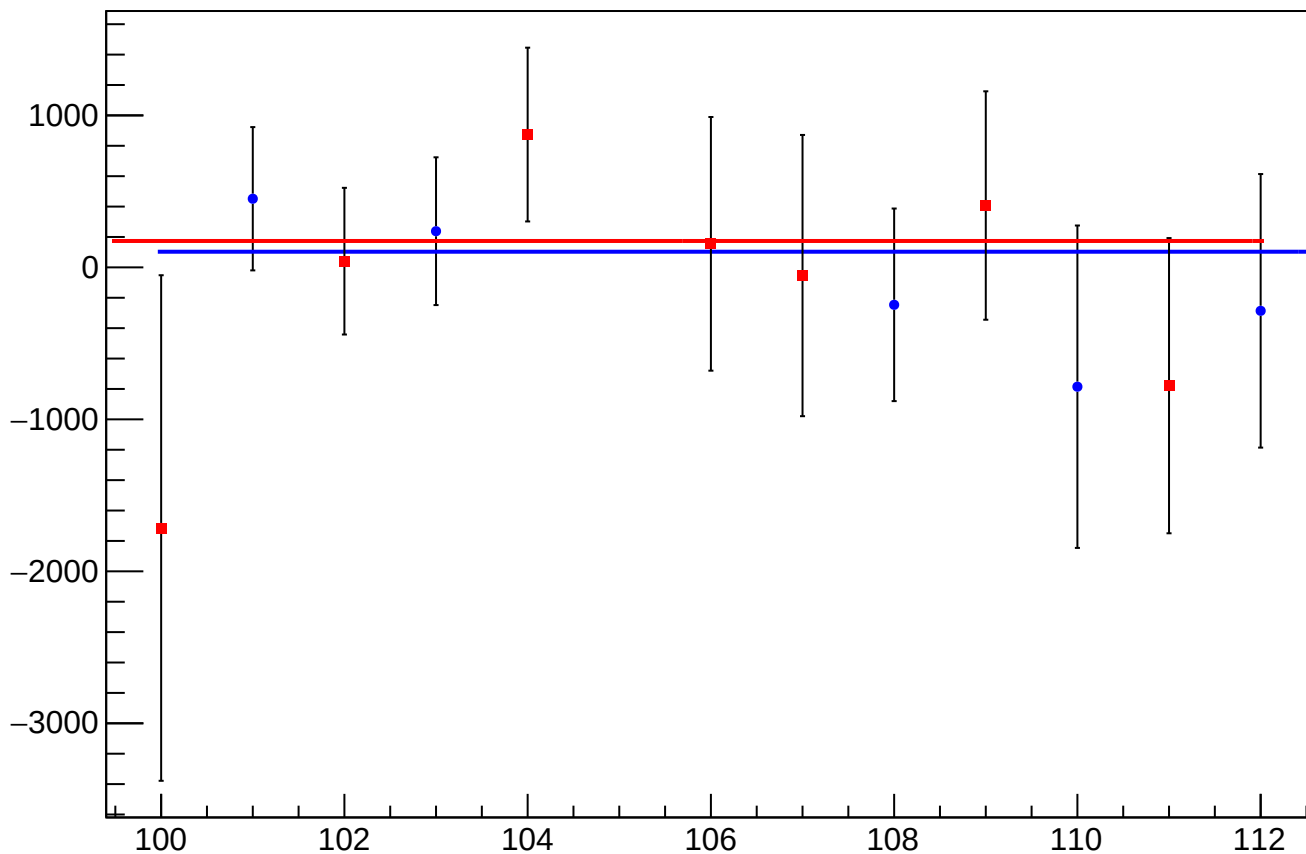
Right: 99.154+/-0.031 χ^2/NDF : 168831.3/11

In: 101.036+/-0.046 χ^2/NDF : 73071.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.154+/-0.031 χ^2/NDF : 168831.3/11

asym_sam6_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 102.991 $\pm$ 273.743 χ^2 /NDF: 1.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 173.641 $\pm$ 275.770 χ^2 /NDF: 4.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

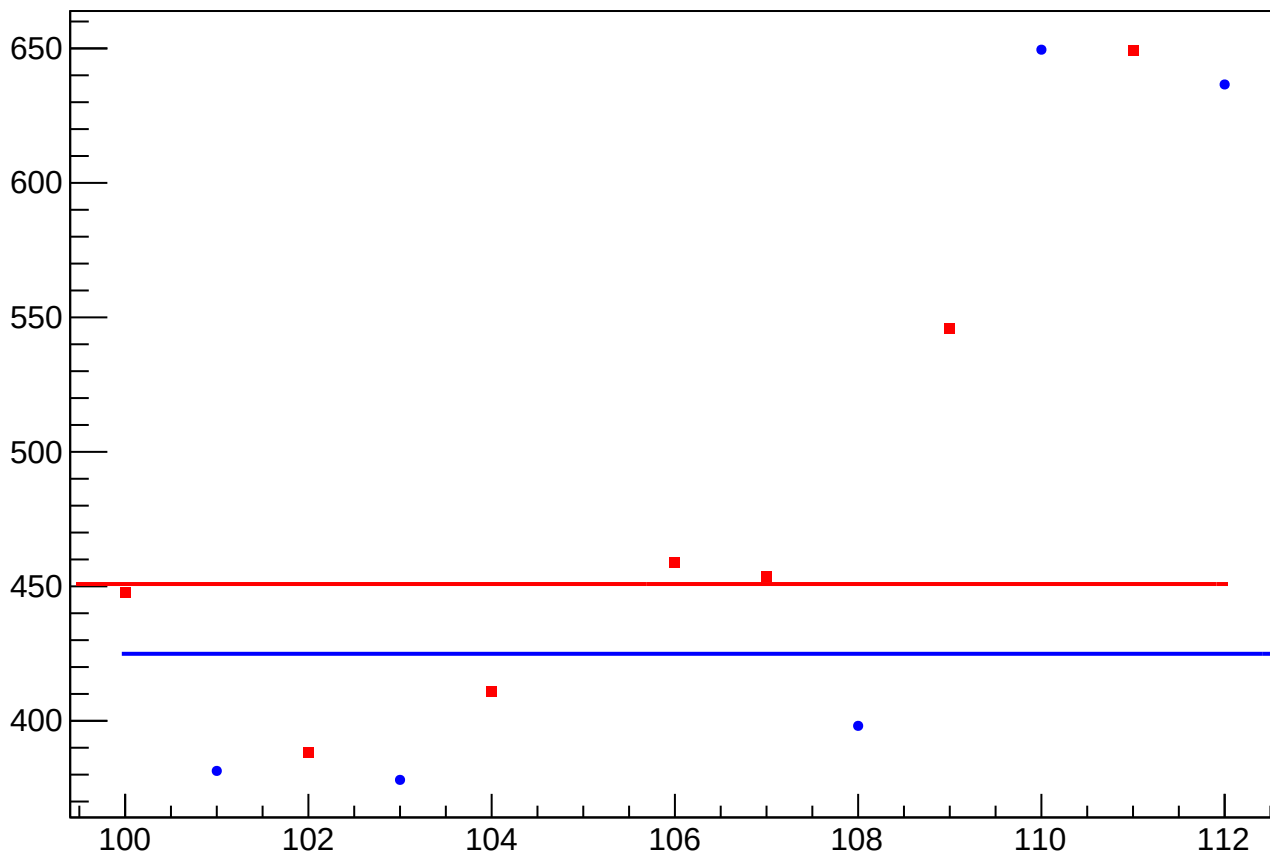
Right: 138.056 $\pm$ 194.278 χ^2 /NDF: 5.8/11

In: 102.991 $\pm$ 273.743 χ^2 /NDF:1.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 138.056 $\pm$ 194.278 χ^2 /NDF: 5.8/11

asym_sam6_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 424.923+/-0.194 χ^2/NDF : 239517.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 450.867+/-0.195 χ^2/NDF : 159324.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

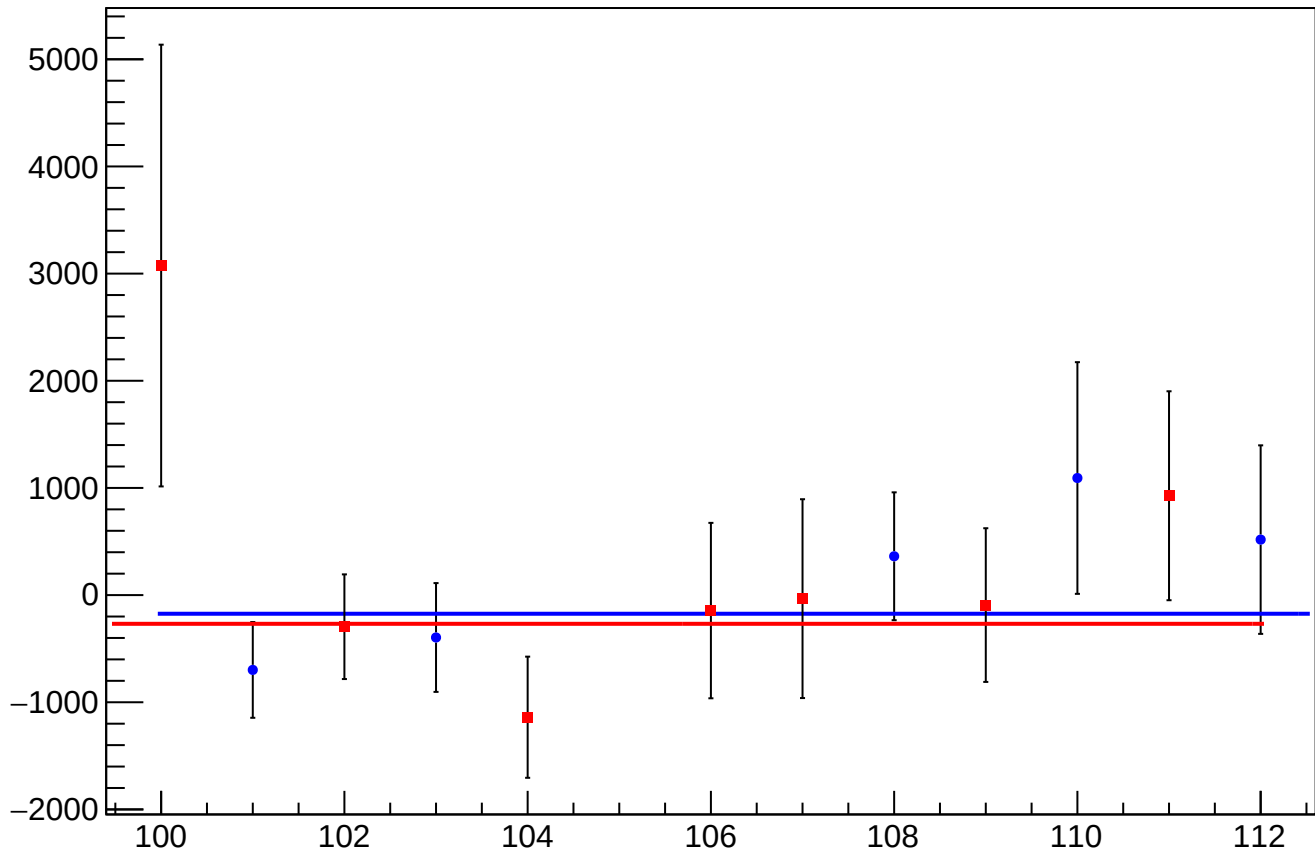
Right: 437.799+/-0.137 χ^2/NDF : 407756.9/11

In: 424.923+/-0.194 χ^2/NDF : 239517.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 437.799+/-0.137 χ^2/NDF : 407756.9/11

asym_sam6_mean vs Slug, Sign Corrected



Right In: -174.024+/-268.733 χ^2/NDF : 4.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -267.962+/-275.146 χ^2/NDF : 6.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

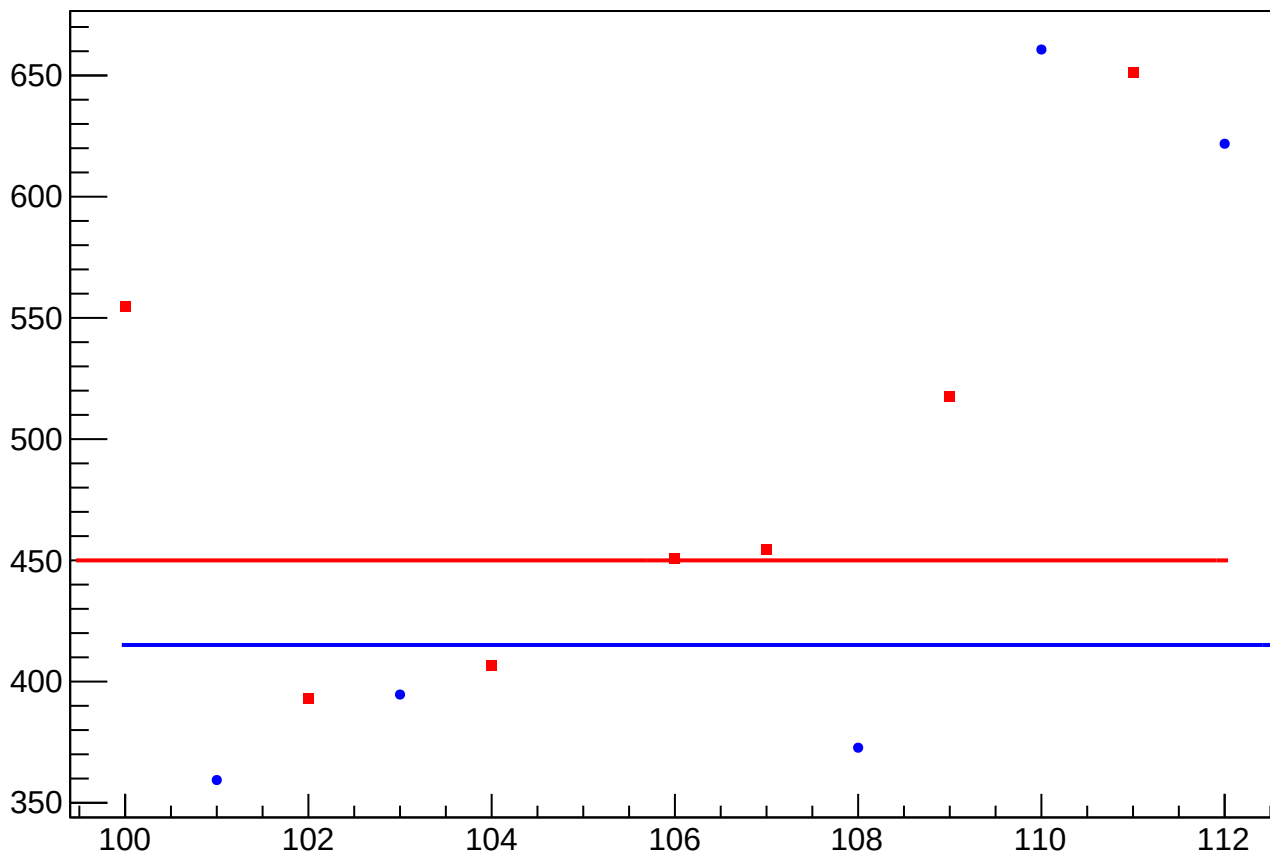
Right: -219.886+/-192.250 χ^2/NDF : 11.1/11

In: -174.024+/-268.733 χ^2/NDF : 4.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -219.886+/-192.250 χ^2/NDF : 11.1/11

asym_sam6_rms vs Slug, Sign Corrected



Right In: 415.097+/-0.190 χ^2/NDF : 258147.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 449.991+/-0.195 χ^2/NDF : 147286.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

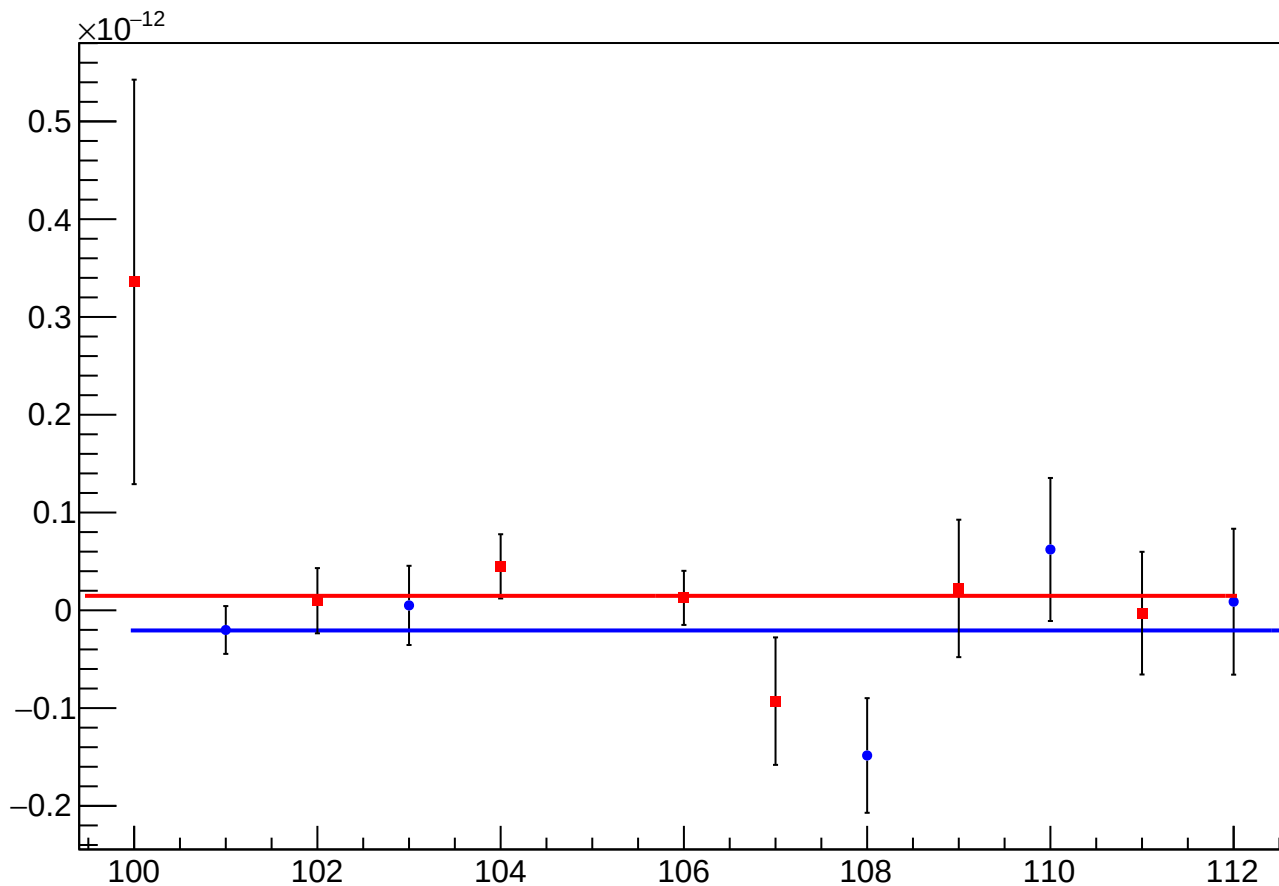
Right: 432.132+/-0.136 χ^2/NDF : 421896.5/11

In: 415.097+/-0.190 χ^2/NDF : 258147.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 432.132+/-0.136 χ^2/NDF : 421896.5/11

asym_sam6_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

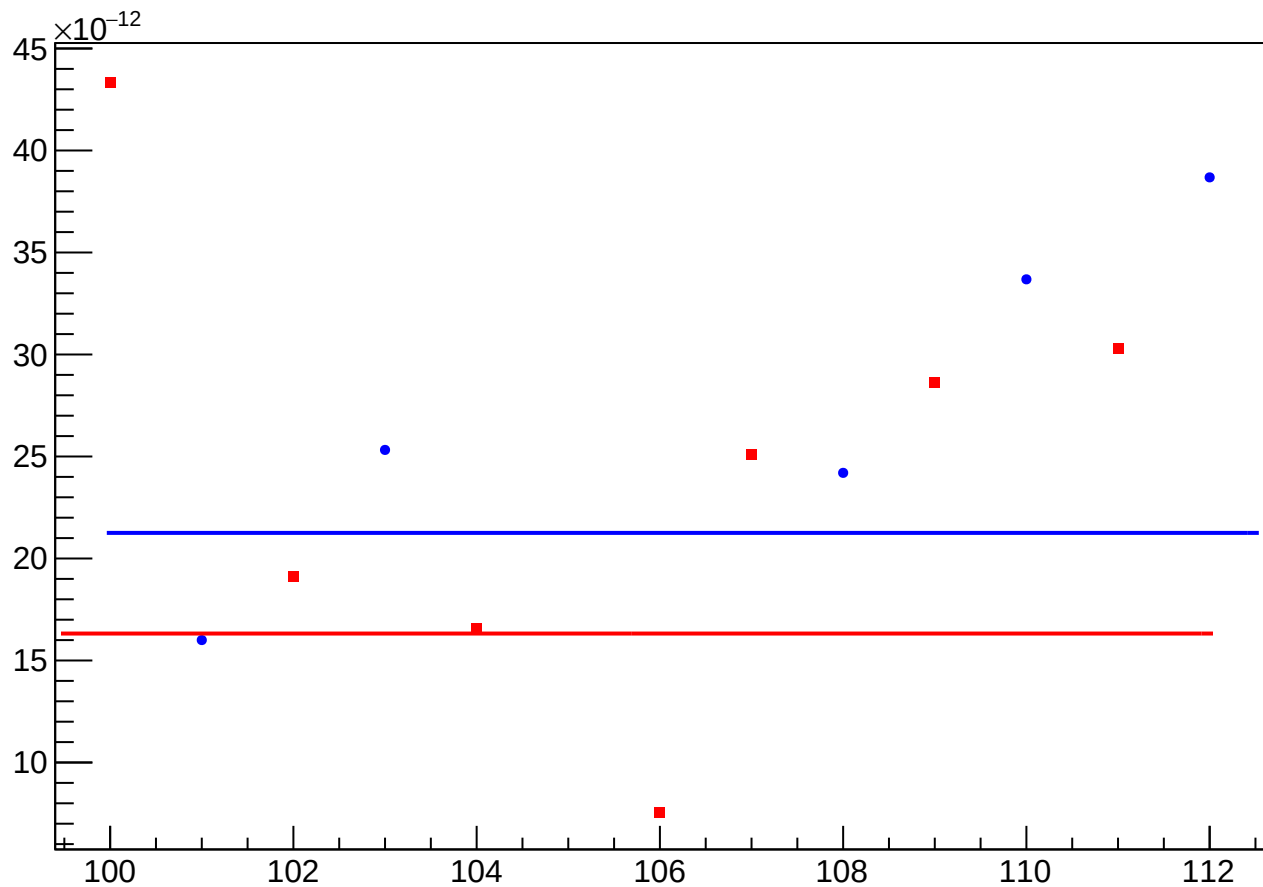
Right: -0.000+/-0.000 χ^2/NDF : 14.8/11

In: -0.000+/-0.000 χ^2/NDF : 6.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.8/11

asym_sam6_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 284430.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 445329.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

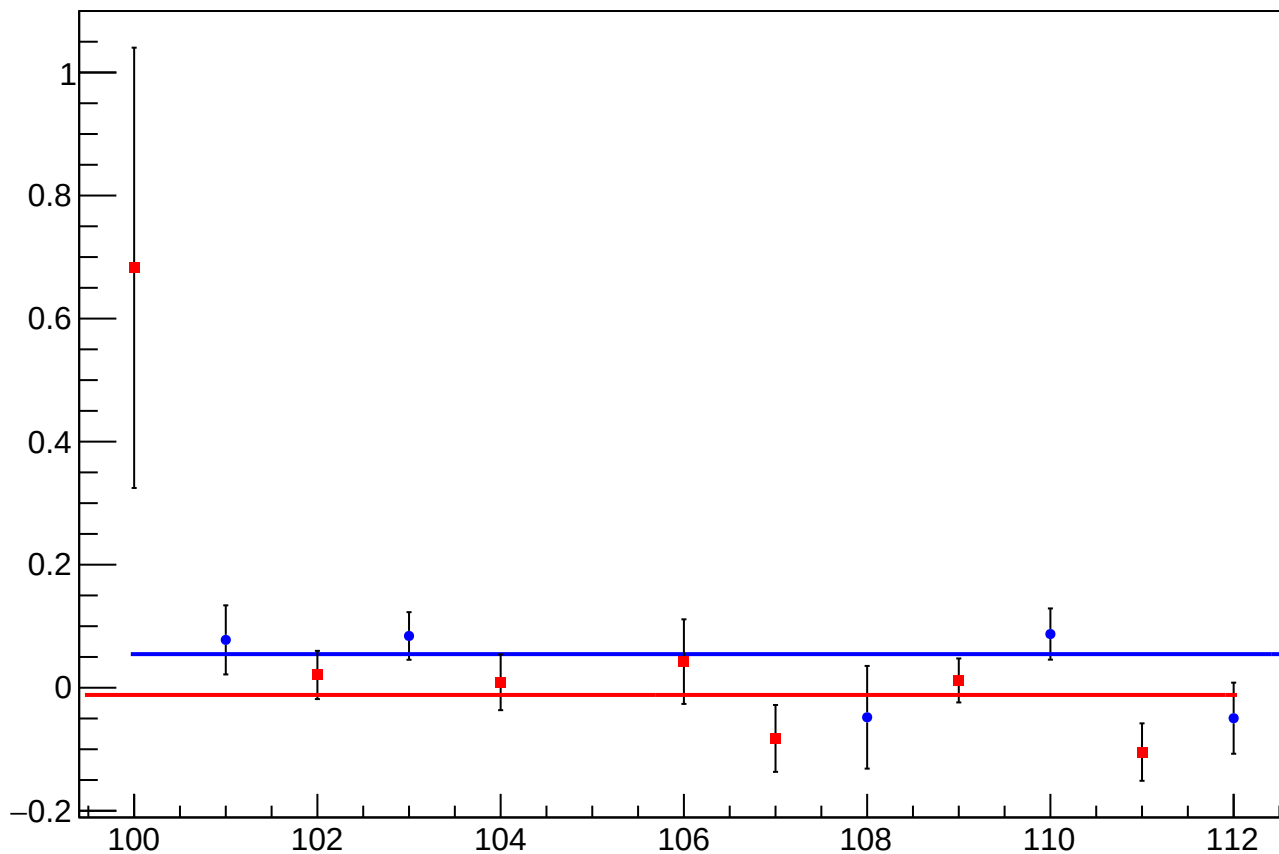
Right: 0.000+/-0.000 χ^2/NDF : 810919.6/11

In: 0.000+/-0.000 χ^2/NDF : 284430.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 810919.6/11

asym_sam6_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.055 $\pm$ 0.022 χ^2 /NDF: 6.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.012 $\pm$ 0.018 χ^2 /NDF: 11.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

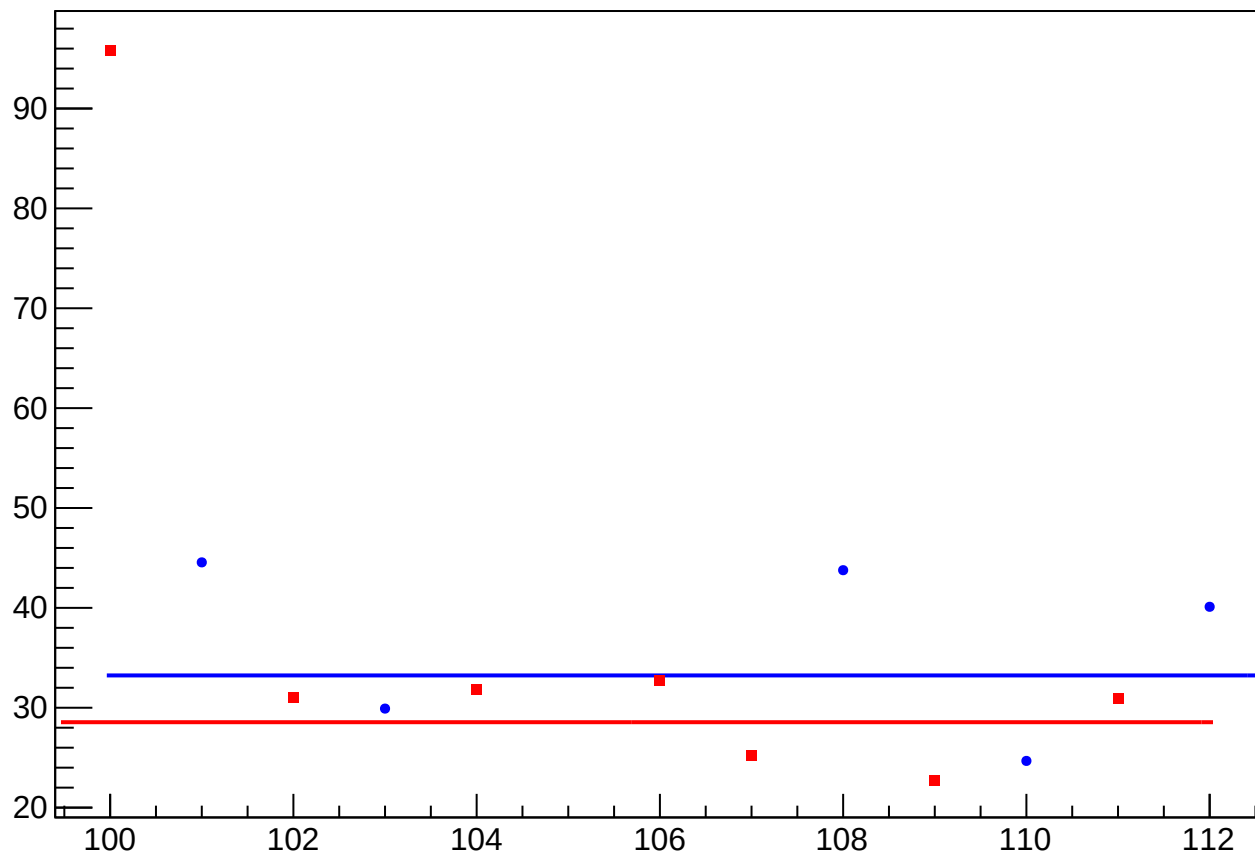
Right: 0.015 $\pm$ 0.014 χ^2 /NDF: 22.7/11

In: 0.055 $\pm$ 0.022 χ^2 /NDF:6.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.015 $\pm$ 0.014 χ^2 /NDF: 22.7/11

asym_sam6_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.235+/-0.016 χ^2/NDF : 240804.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.552+/-0.013 χ^2/NDF : 162584.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

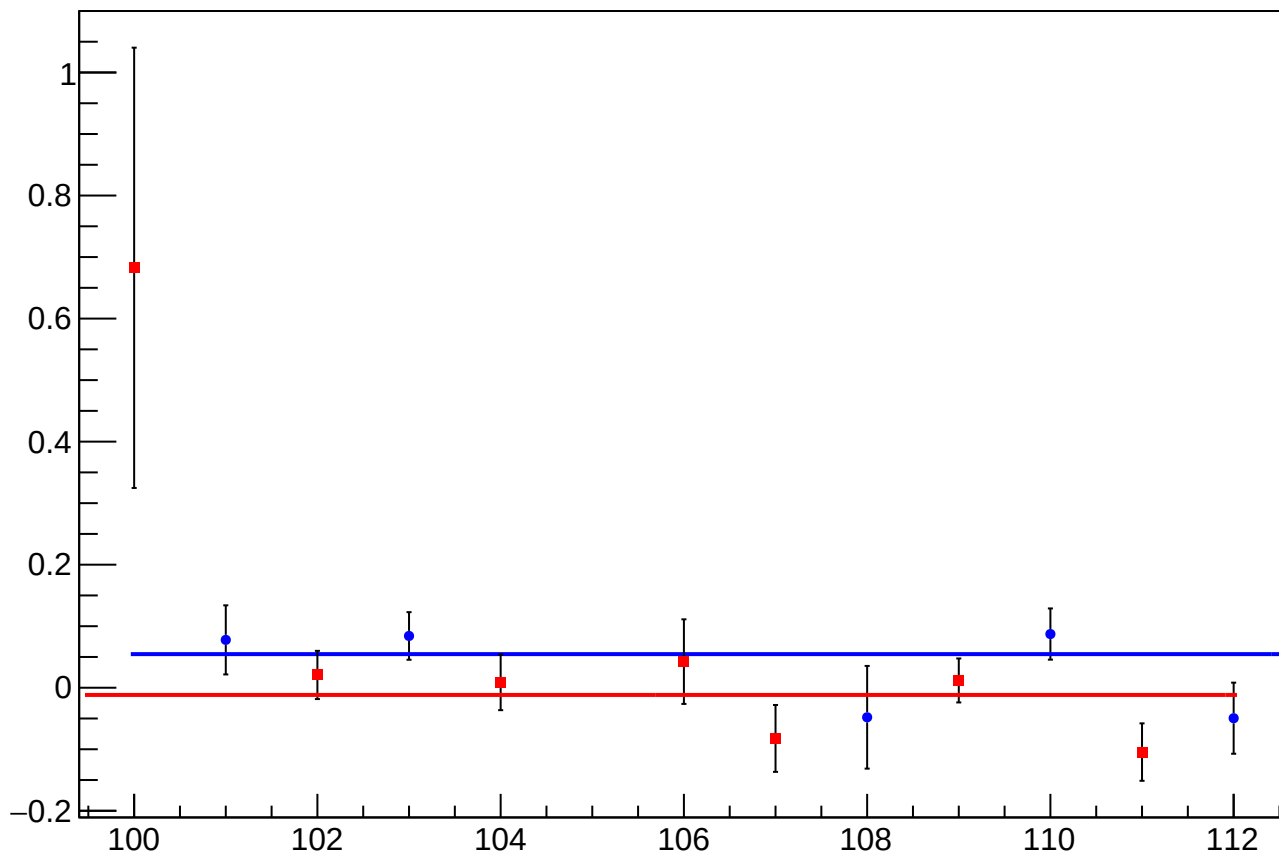
Right: 30.452+/-0.010 χ^2/NDF : 455679.5/11

In: 33.235+/-0.016 χ^2/NDF : 240804.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.452+/-0.010 χ^2/NDF : 455679.5/11

asym_sam6_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.055 $\pm$ 0.022 χ^2 /NDF: 6.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.012 $\pm$ 0.018 χ^2 /NDF: 11.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

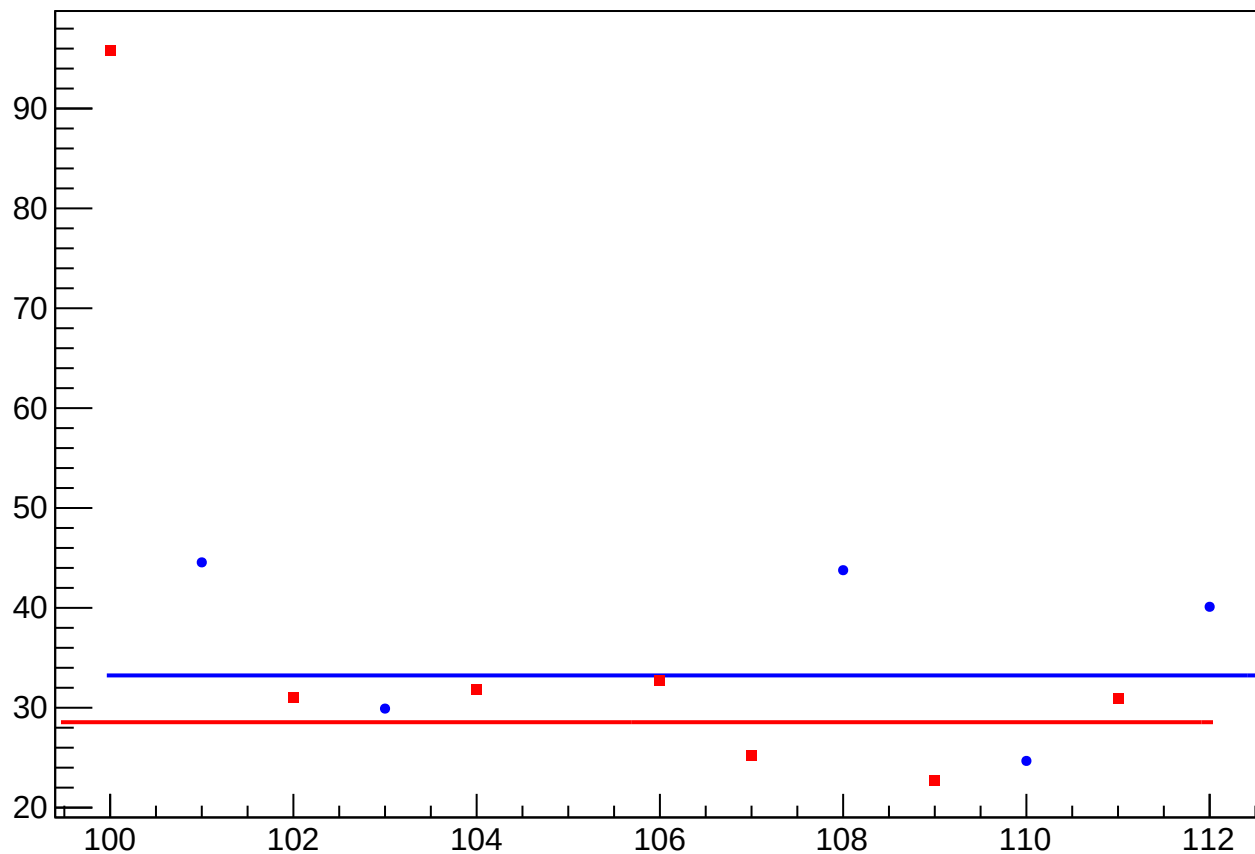
Right: 0.015 $\pm$ 0.014 χ^2 /NDF: 22.7/11

In: 0.055 $\pm$ 0.022 χ^2 /NDF:6.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.015 $\pm$ 0.014 χ^2 /NDF: 22.7/11

asym_sam6_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.235+/-0.016 χ^2/NDF : 240804.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.552+/-0.013 χ^2/NDF : 162584.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

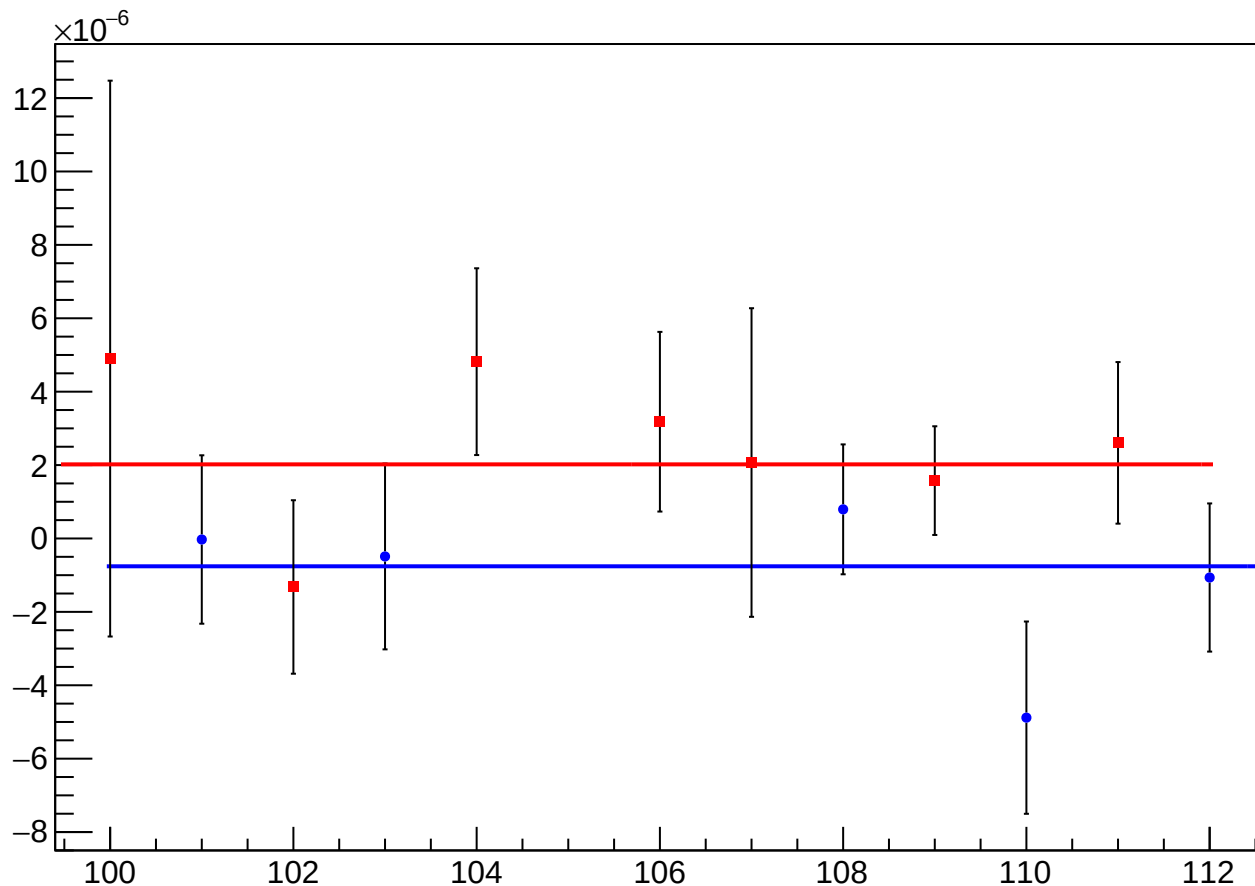
Right: 30.452+/-0.010 χ^2/NDF : 455679.5/11

In: 33.235+/-0.016 χ^2/NDF : 240804.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.452+/-0.010 χ^2/NDF : 455679.5/11

asym_sam6_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

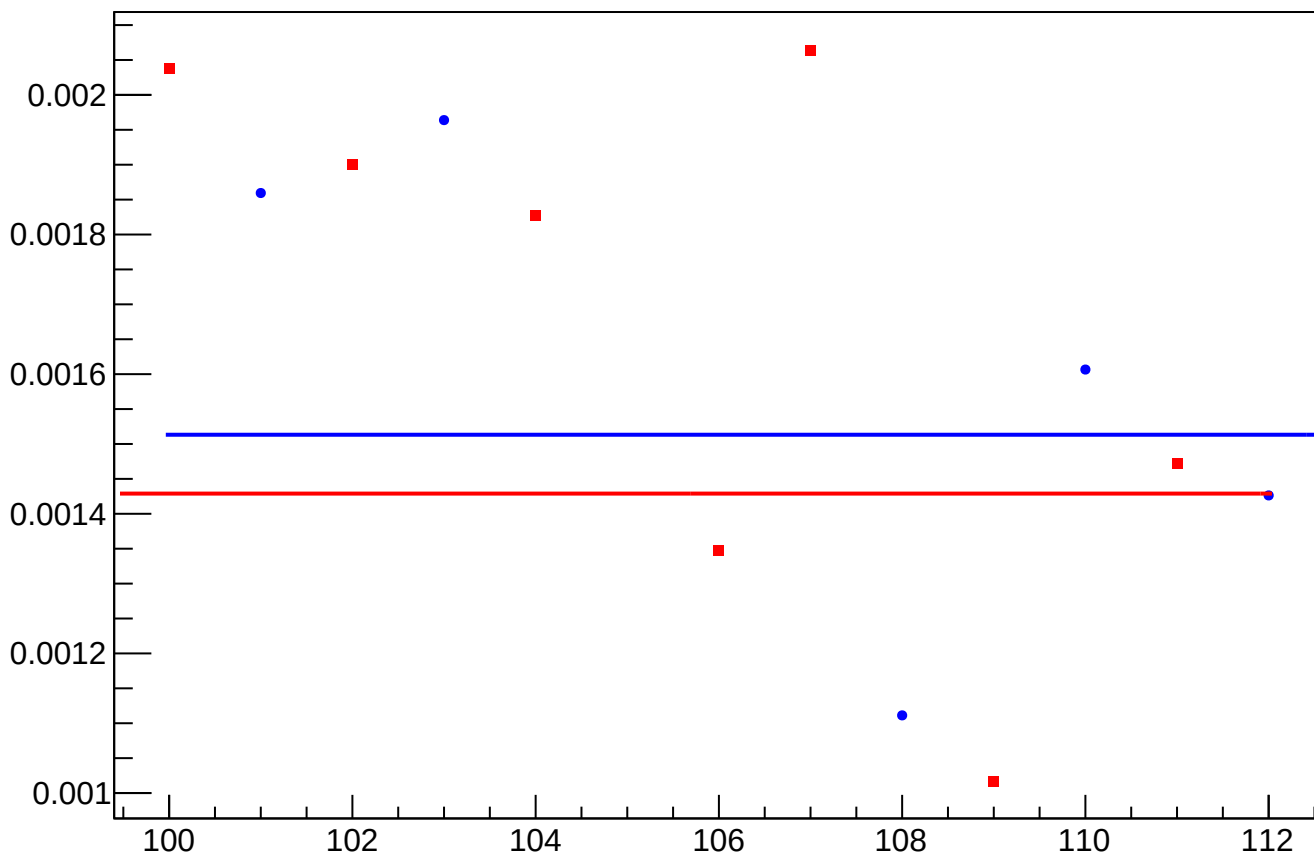
Right: 0.000+/-0.000 χ^2/NDF : 11.5/11

In: -0.000+/-0.000 χ^2/NDF : 3.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.5/11

asym_sam6_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 218330.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 344803.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

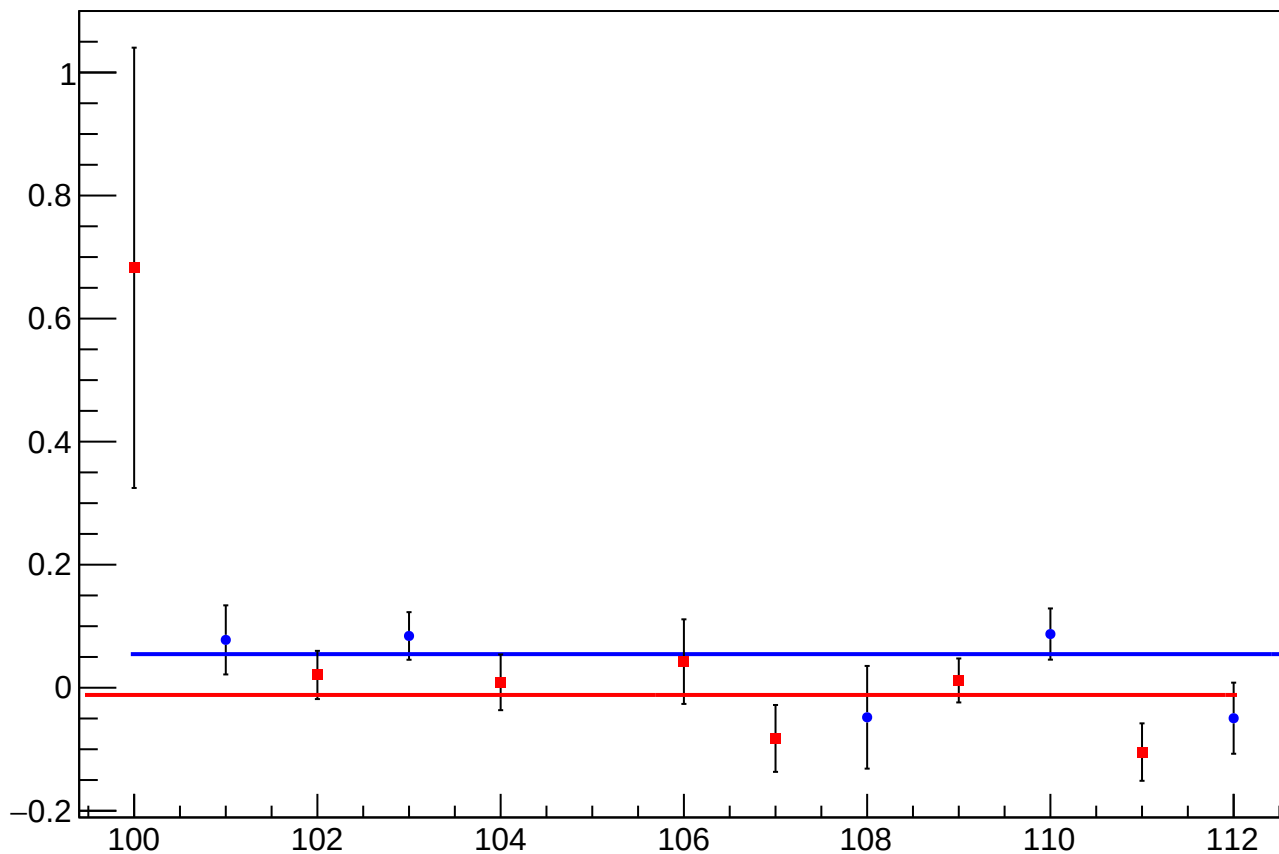
Right: 0.001+/-0.000 χ^2/NDF : 571229.6/11

In: 0.002+/-0.000 χ^2/NDF : 218330.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 571229.6/11

asym_sam6_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.055 $\pm$ 0.022 χ^2 /NDF: 6.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.012 $\pm$ 0.018 χ^2 /NDF: 11.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

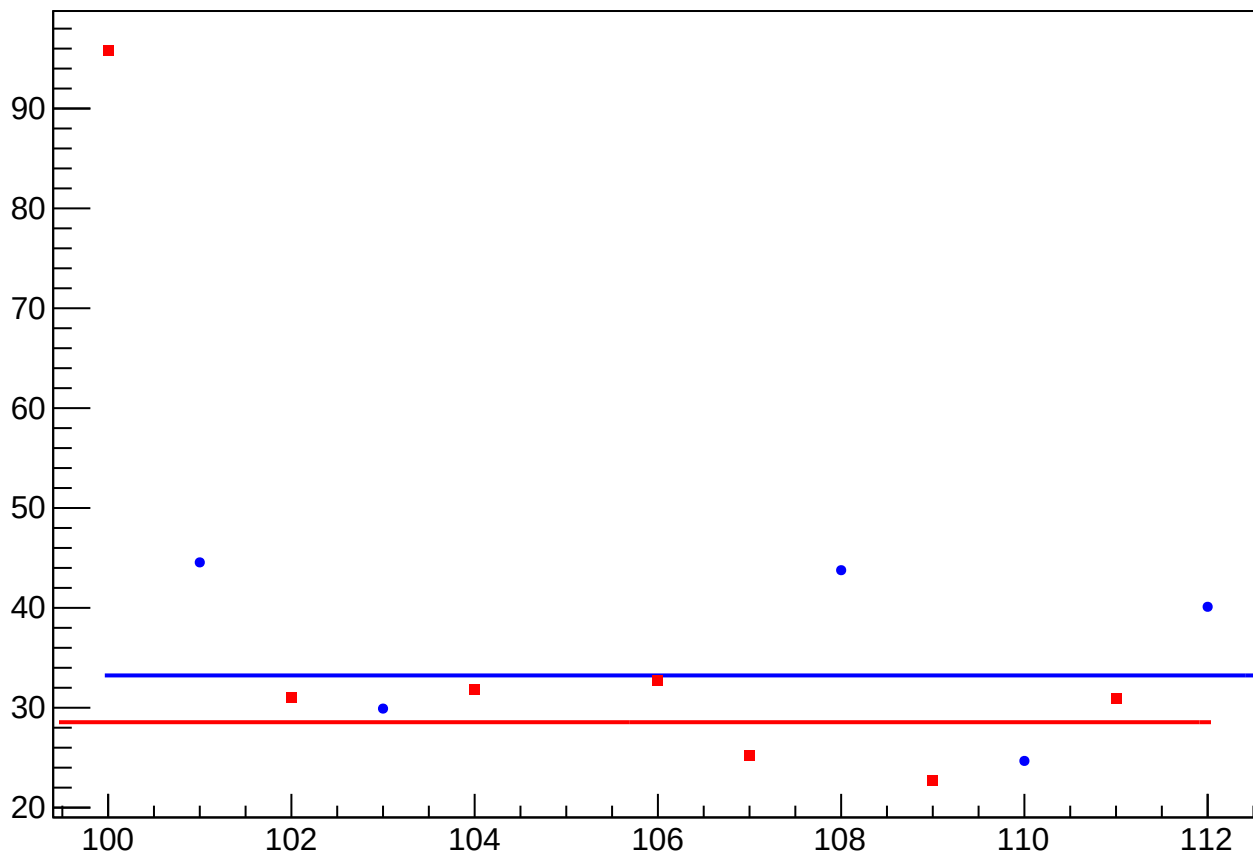
Right: 0.015 $\pm$ 0.014 χ^2 /NDF: 22.7/11

In: 0.055 $\pm$ 0.022 χ^2 /NDF:6.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.015 $\pm$ 0.014 χ^2 /NDF: 22.7/11

asym_sam6_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.235+/-0.016 χ^2/NDF : 240803.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.552+/-0.013 χ^2/NDF : 162587.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

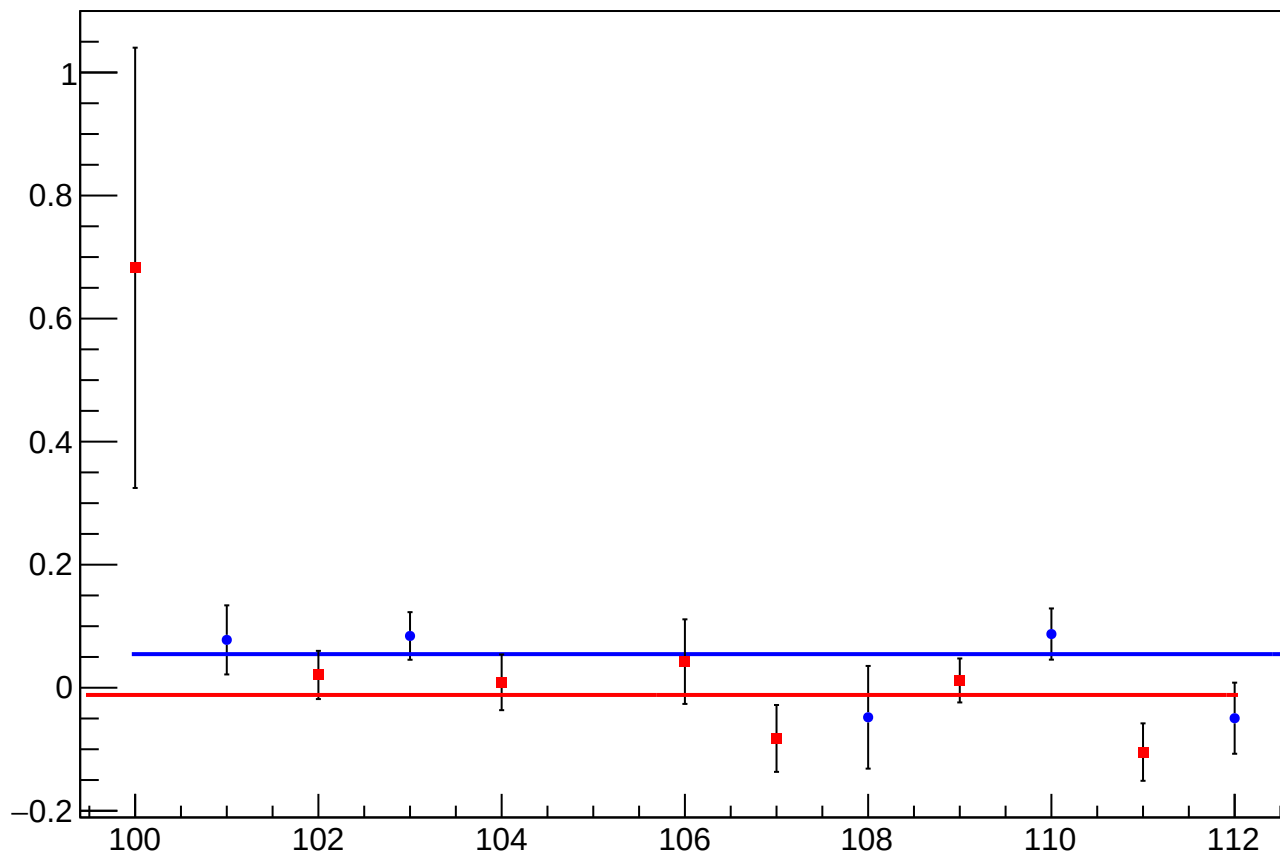
Right: 30.451+/-0.010 χ^2/NDF : 455677.4/11

In: 33.235+/-0.016 χ^2/NDF : 240803.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.451+/-0.010 χ^2/NDF : 455677.4/11

asym_sam6_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.055 $\pm$ 0.022 χ^2 /NDF: 6.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.012 $\pm$ 0.018 χ^2 /NDF: 11.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

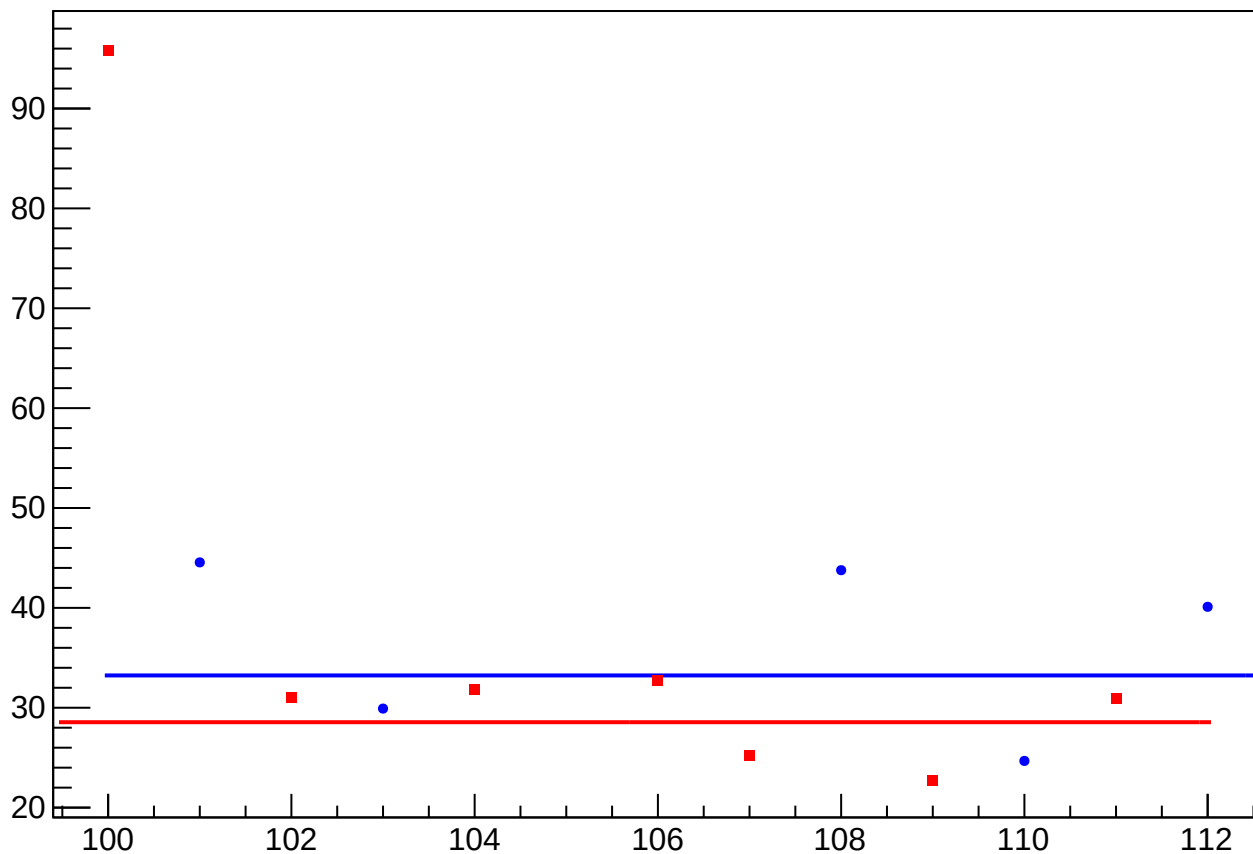
Right: 0.015 $\pm$ 0.014 χ^2 /NDF: 22.7/11

In: 0.055 $\pm$ 0.022 χ^2 /NDF:6.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.015 $\pm$ 0.014 χ^2 /NDF: 22.7/11

asym_sam6_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.235+/-0.016 χ^2/NDF : 240803.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.552+/-0.013 χ^2/NDF : 162587.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

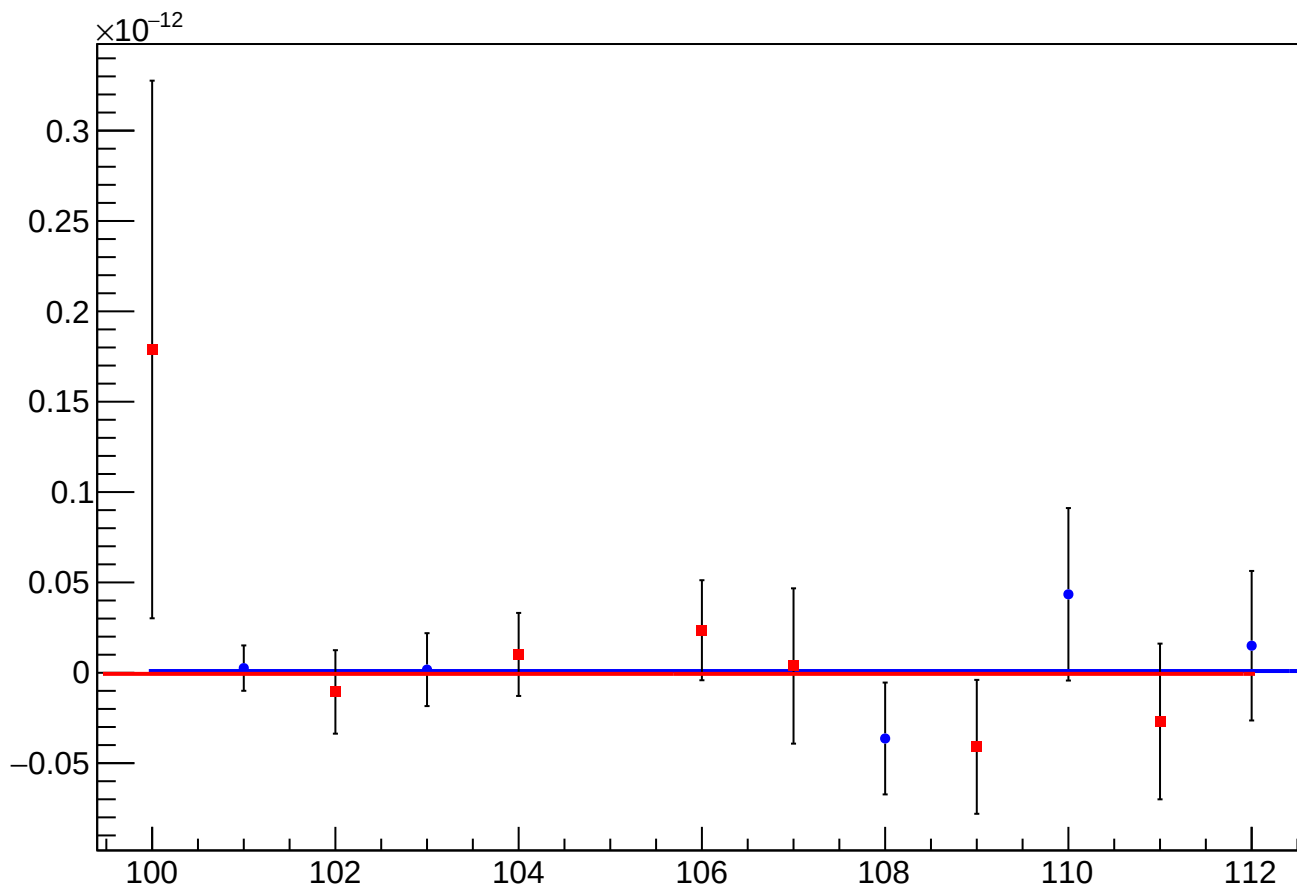
Right: 30.451+/-0.010 χ^2/NDF : 455677.4/11

In: 33.235+/-0.016 χ^2/NDF : 240803.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.451+/-0.010 χ^2/NDF : 455677.4/11

asym_sam6_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

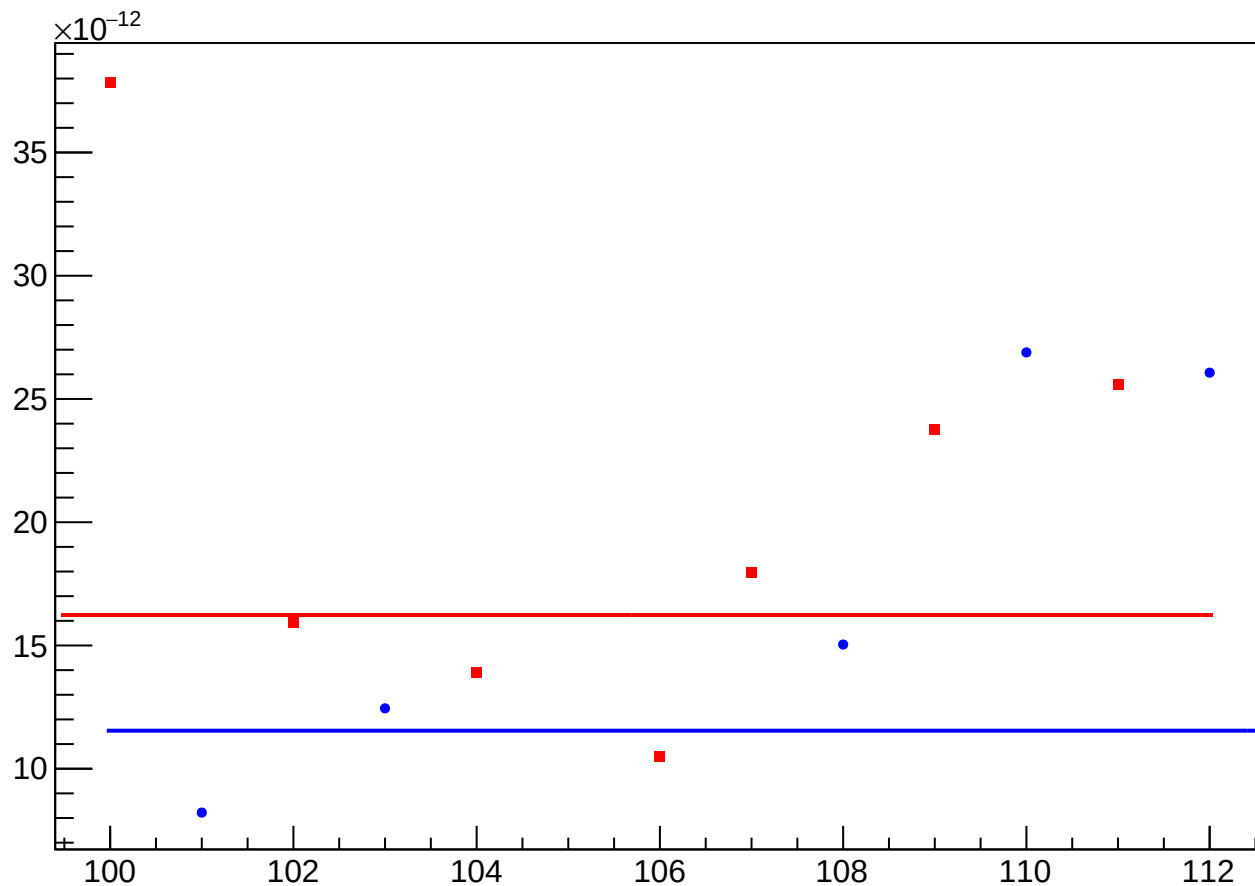
Right: 0.000+/-0.000 χ^2/NDF : 6.6/11

In: 0.000+/-0.000 χ^2/NDF : 2.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.6/11

asym_sam6_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 623169.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 329384.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

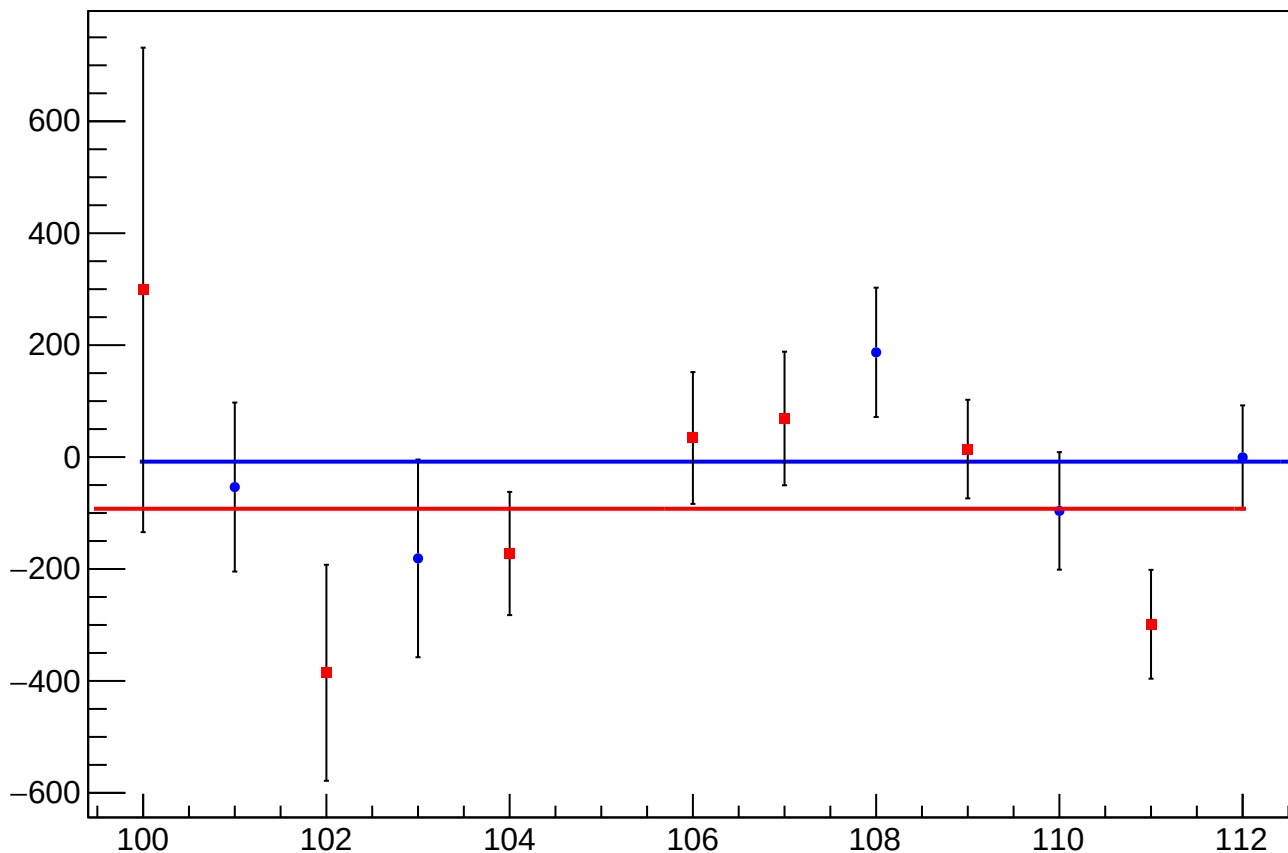
Right: 0.000+/-0.000 χ^2/NDF : 1138969.9/11

In: 0.000+/-0.000 χ^2/NDF : 623169.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1138969.9/11

reg_asym_sam7_mean vs Slug, Sign Corrected



Right In: -8.172+/-52.896 χ^2/NDF : 4.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -92.367+/-45.097 χ^2/NDF : 12.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

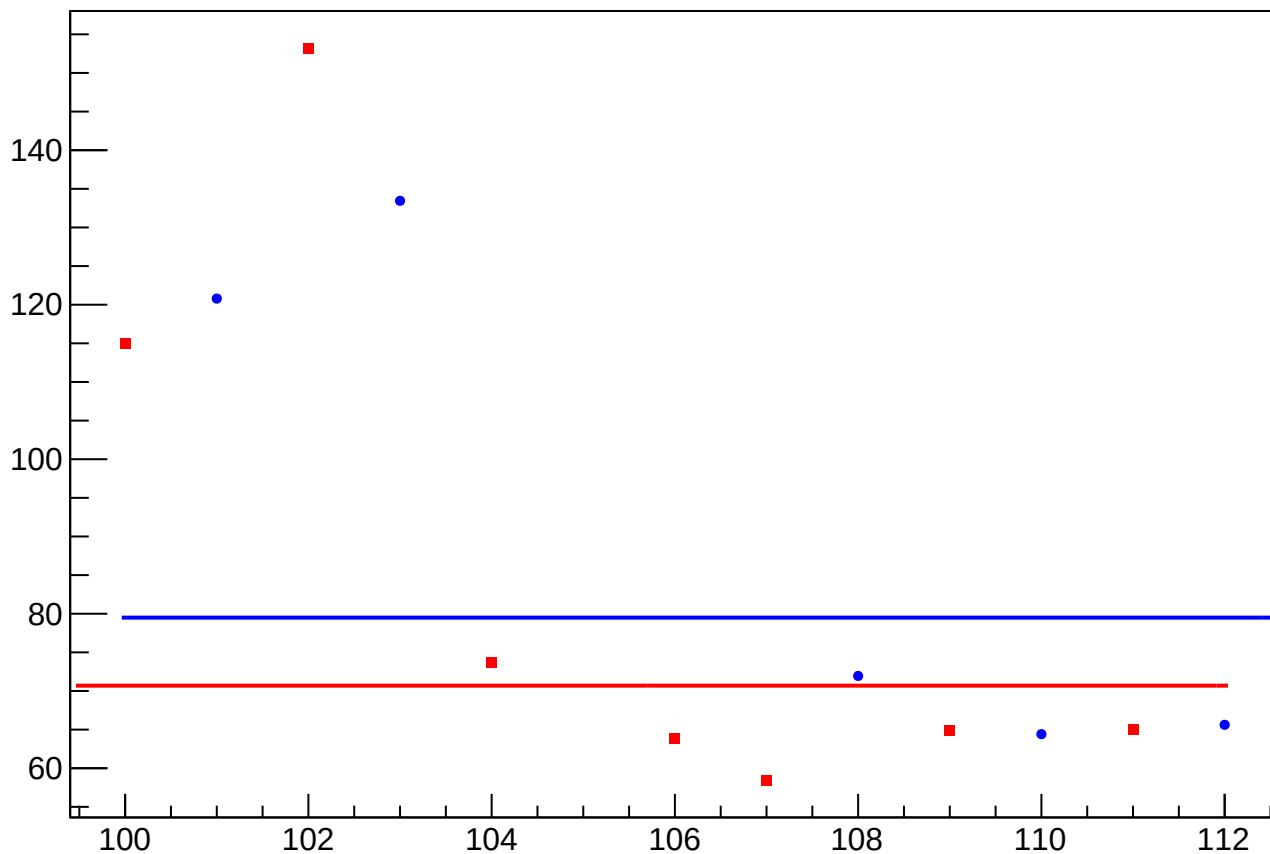
Right: -56.928+/-34.318 χ^2/NDF : 18.7/11

In: -8.172+/-52.896 χ^2/NDF : 4.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.928+/-34.318 χ^2/NDF : 18.7/11

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 79.495+/-0.037 χ^2/NDF : 430660.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.692+/-0.032 χ^2/NDF : 430406.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

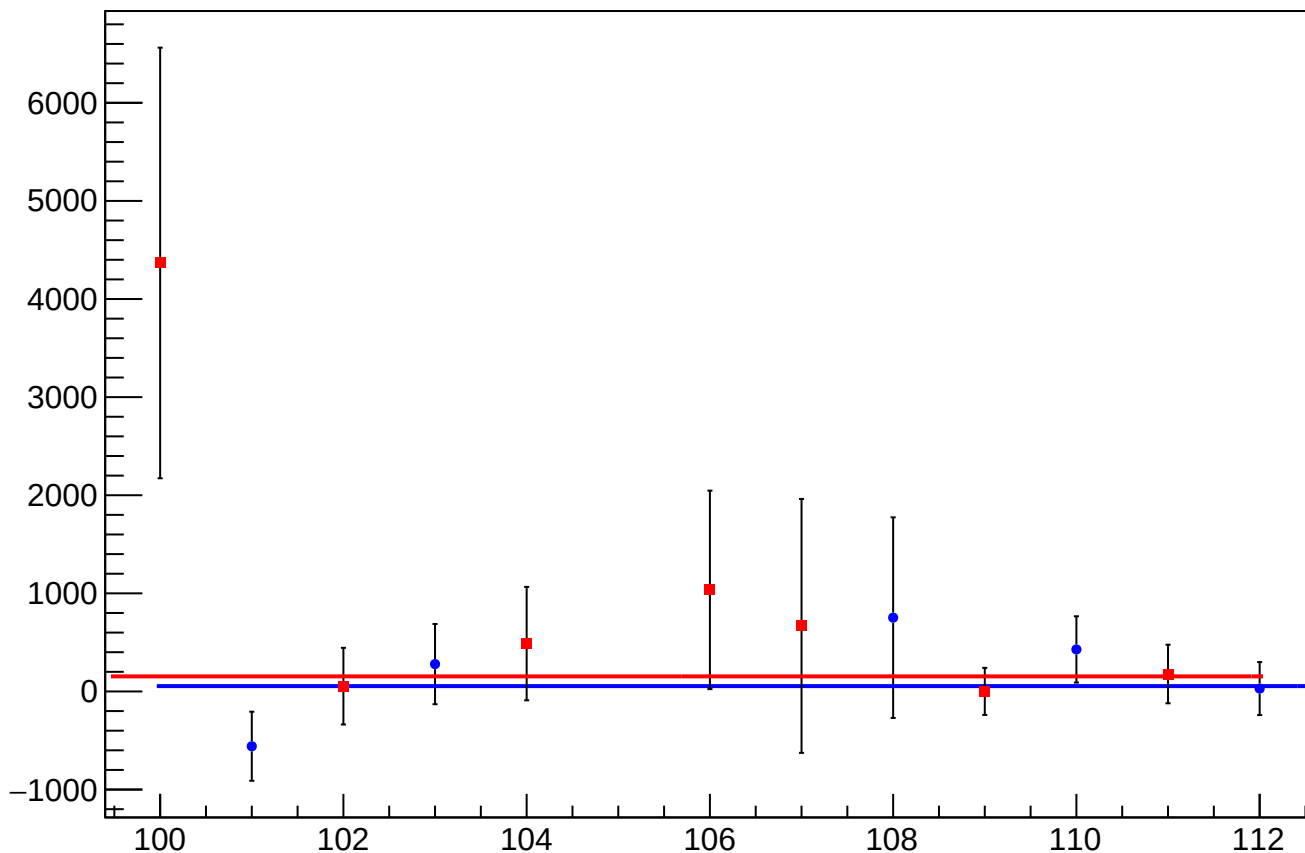
Right: 74.397+/-0.024 χ^2/NDF : 893144.3/11

In: 79.495+/-0.037 χ^2/NDF : 430660.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.397+/-0.024 χ^2/NDF : 893144.3/11

asym_sam7_reg_correction_mean vs Slug, Sign Corrected



Right In: 54.410+/-163.386 χ^2/NDF : 5.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.720+/-158.303 χ^2/NDF : 5.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

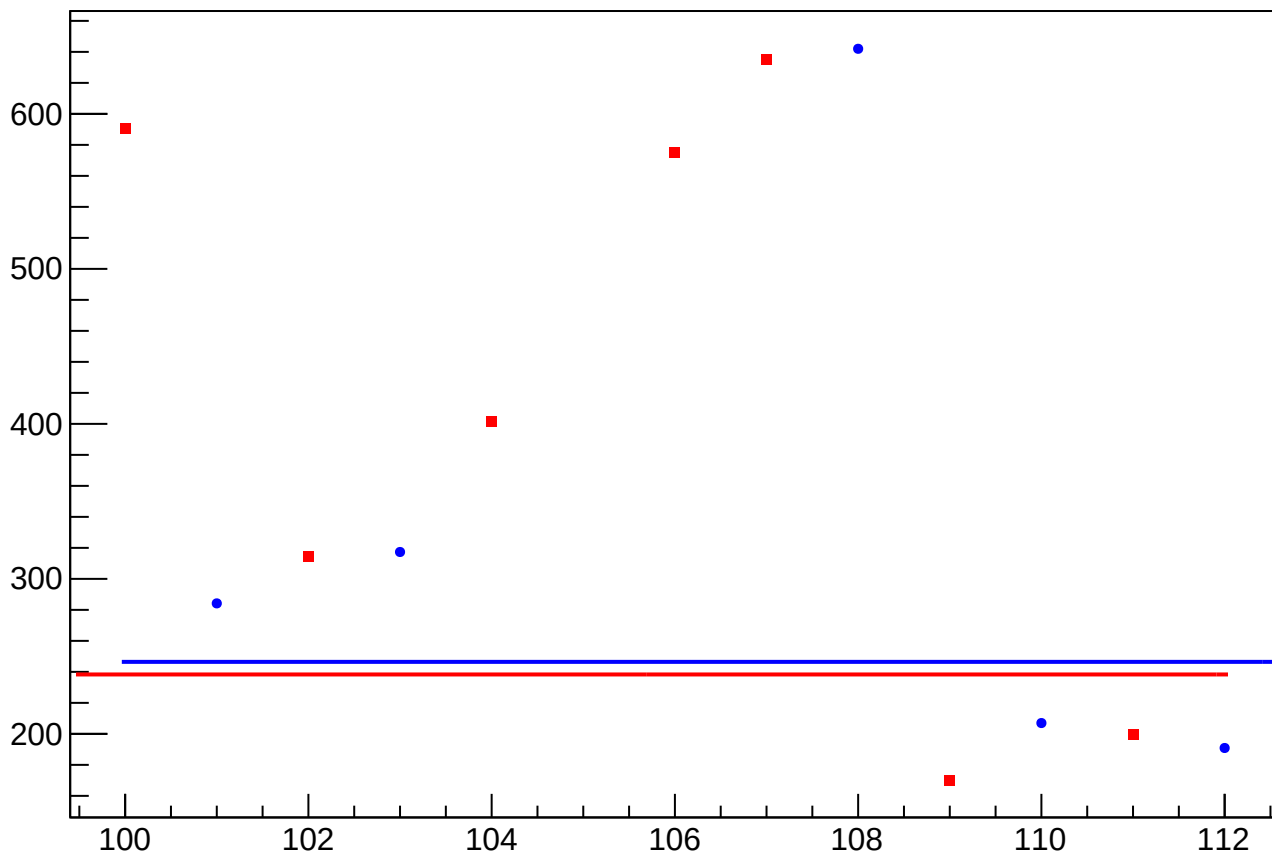
Right: 105.634+/-113.692 χ^2/NDF : 10.6/11

In: 54.410+/-163.386 χ^2/NDF : 5.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.634+/-113.692 χ^2/NDF : 10.6/11

asym_sam7_reg_correction_rms vs Slug, Sign Corrected



Right In: 246.455+/-0.116 χ^2/NDF : 494244.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 238.325+/-0.112 χ^2/NDF : 892737.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

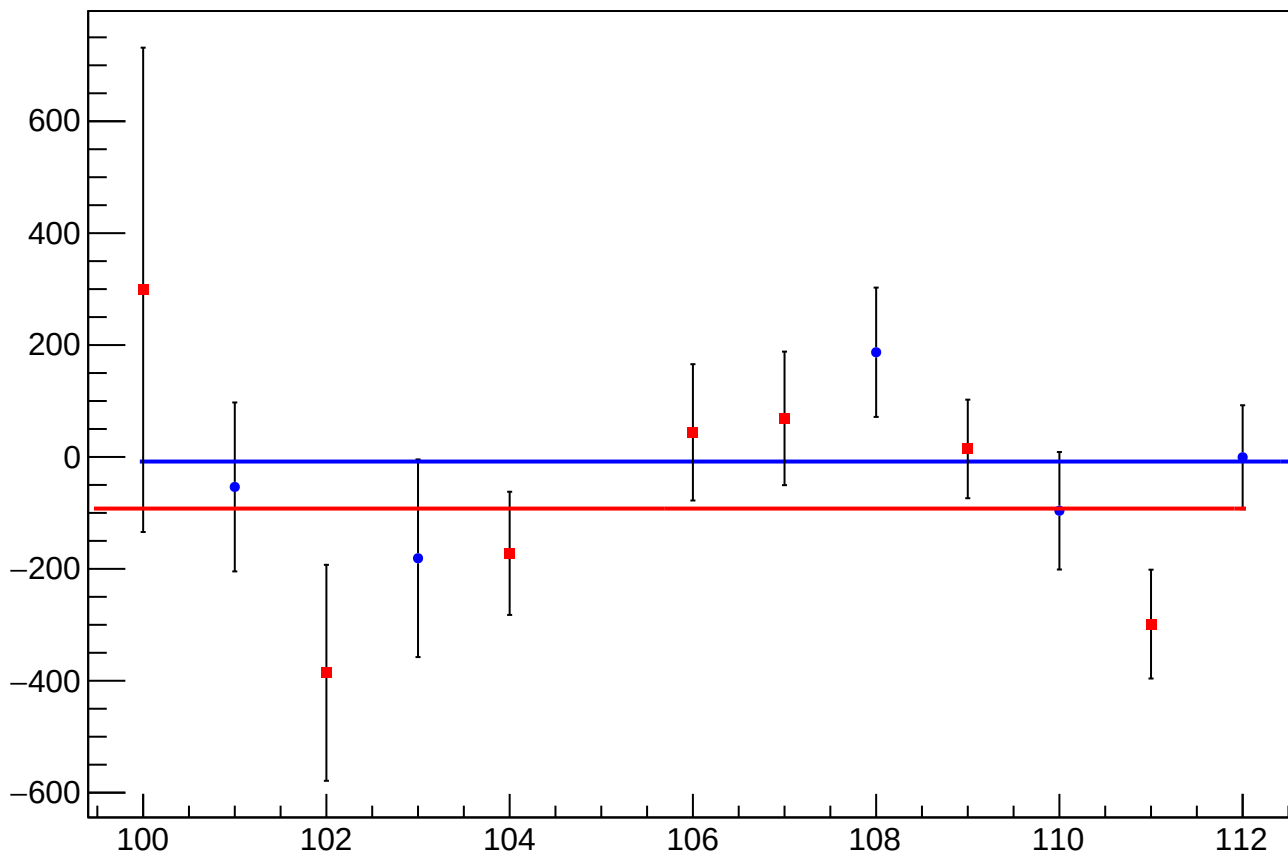
Right: 242.262+/-0.080 χ^2/NDF : 1389535.7/11

In: 246.455+/-0.116 χ^2/NDF : 494244.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 242.262+/-0.080 χ^2/NDF : 1389535.7/11

cor_asym_sam7_mean vs Slug, Sign Corrected



Right In: -8.173+/-52.896 χ^2/NDF : 4.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -92.237+/-45.317 χ^2/NDF : 12.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

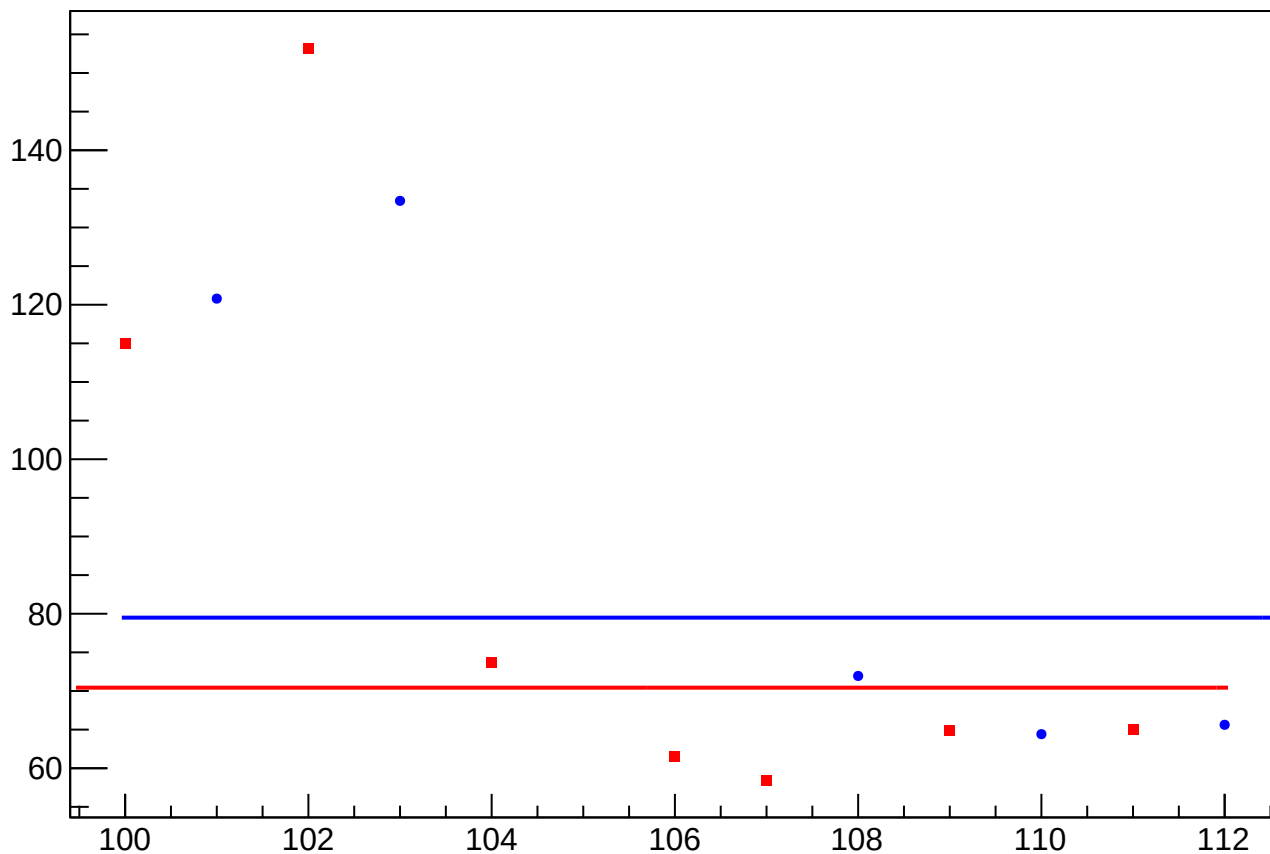
Right: -56.654+/-34.414 χ^2/NDF : 18.8/11

In: -8.173+/-52.896 χ^2/NDF : 4.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.654+/-34.414 χ^2/NDF : 18.8/11

cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 79.495+/-0.037 χ^2/NDF : 430660.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.431+/-0.032 χ^2/NDF : 434994.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

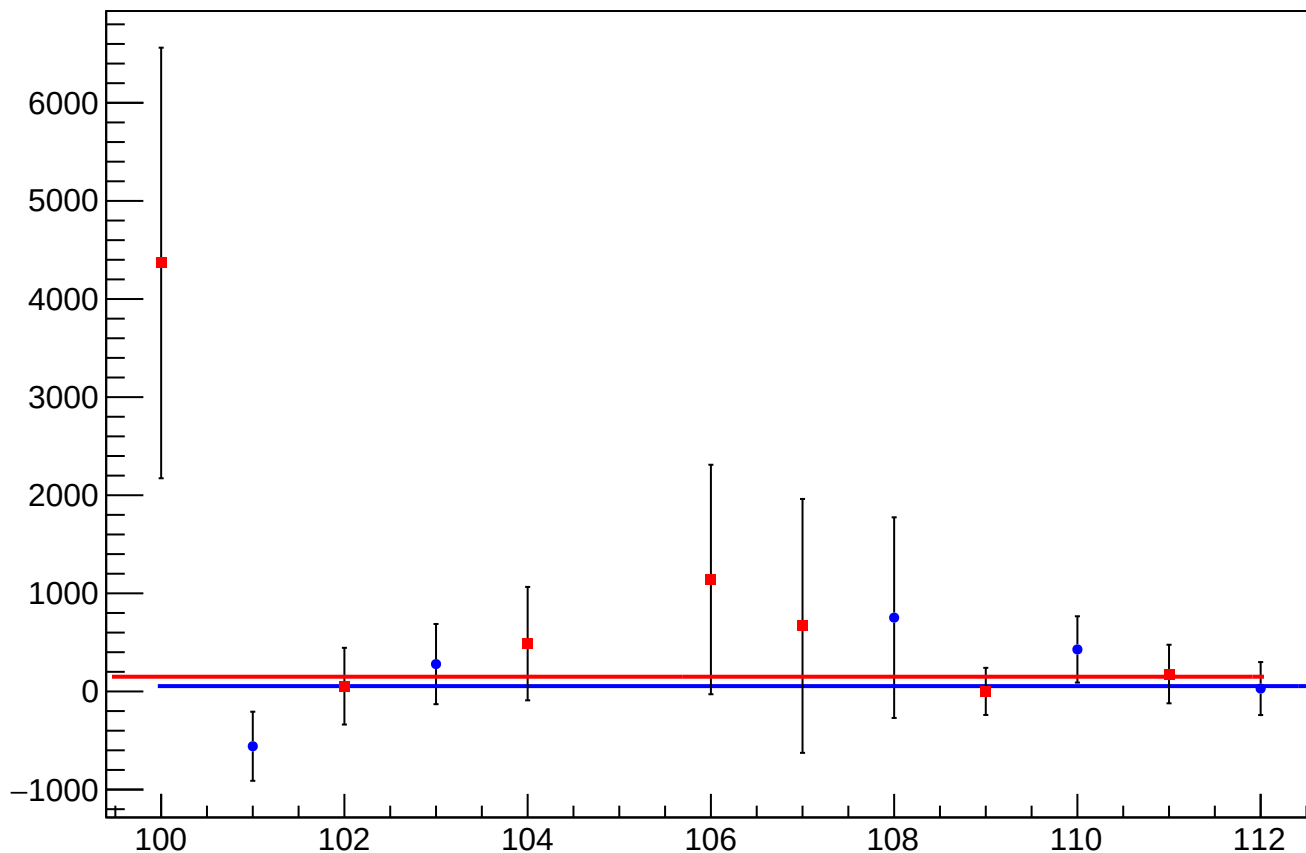
Right: 74.268+/-0.024 χ^2/NDF : 899523.1/11

In: 79.495+/-0.037 χ^2/NDF : 430660.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.268+/-0.024 χ^2/NDF : 899523.1/11

asym_sam7_cor_correction_mean vs Slug, Sign Corrected



Right In: 54.418+/-163.388 χ^2/NDF : 5.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.186+/-158.807 χ^2/NDF : 5.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

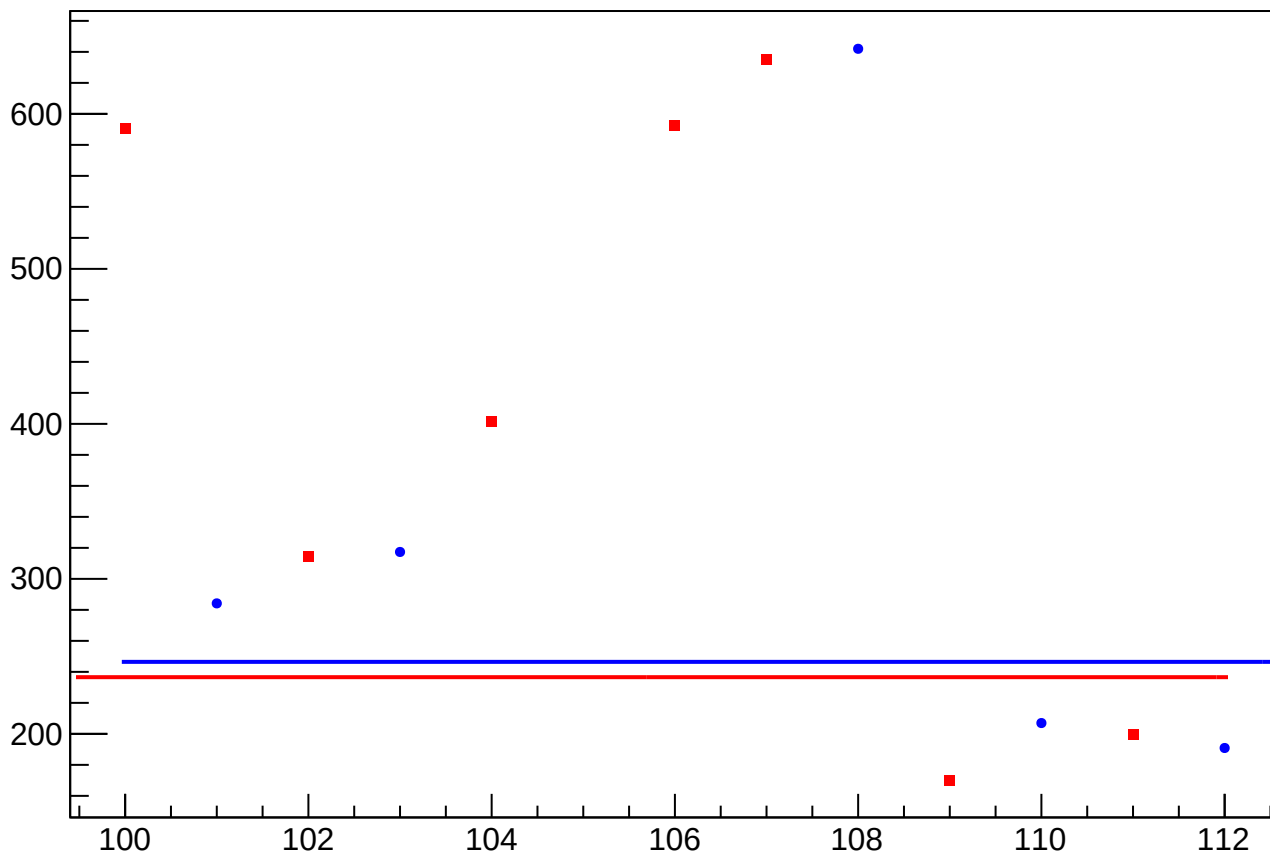
Right: 103.663+/-113.878 χ^2/NDF : 10.6/11

In: 54.418+/-163.388 χ^2/NDF : 5.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.663+/-113.878 χ^2/NDF : 10.6/11

asym_sam7_cor_correction_rms vs Slug, Sign Corrected



Right In: 246.457+/-0.116 χ^2/NDF : 494271.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 236.573+/-0.112 χ^2/NDF : 854860.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

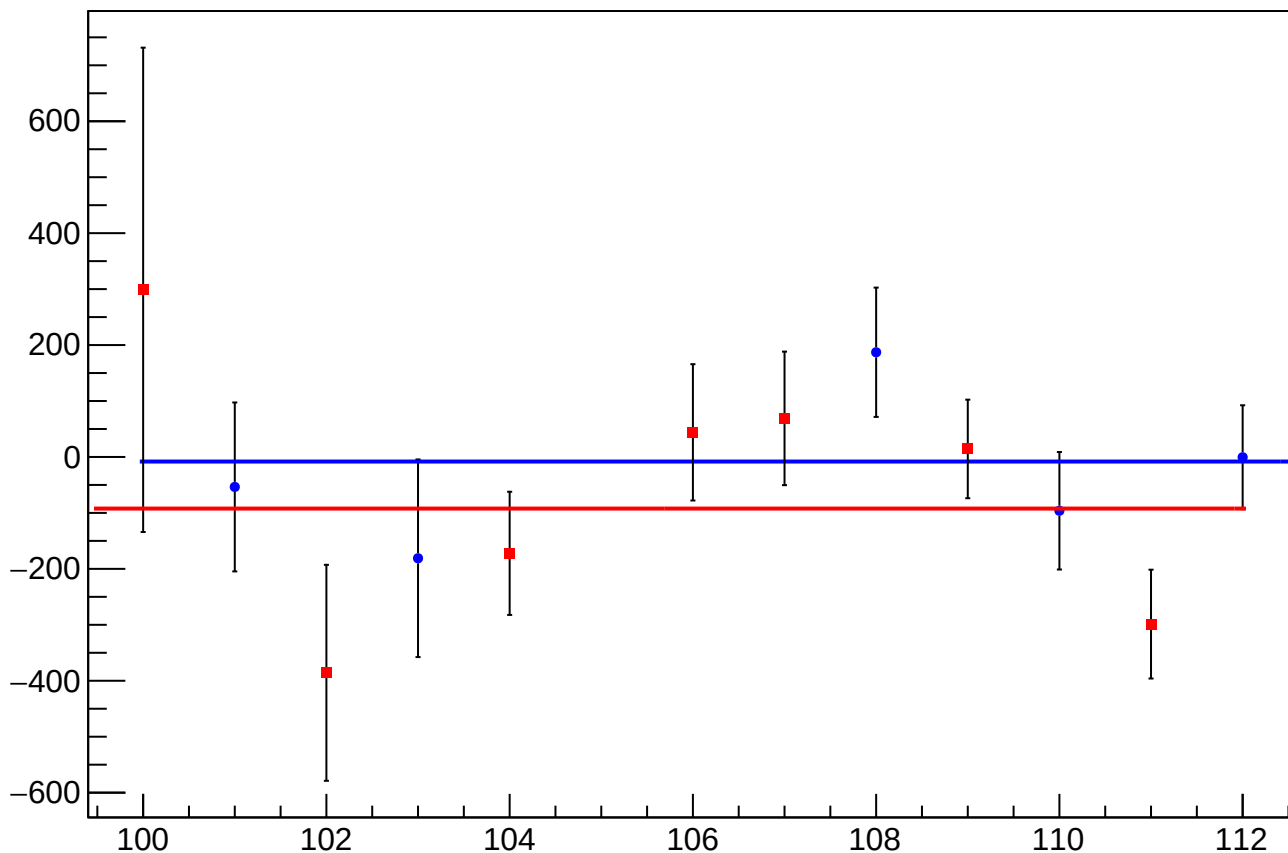
Right: 241.375+/-0.081 χ^2/NDF : 1352894.9/11

In: 246.457+/-0.116 χ^2/NDF : 494271.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 241.375+/-0.081 χ^2/NDF : 1352894.9/11

eigen_cor_asym_sam7_mean vs Slug, Sign Corrected



Right In: -8.173+/-52.896 χ^2/NDF : 4.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -92.237+/-45.317 χ^2/NDF : 12.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

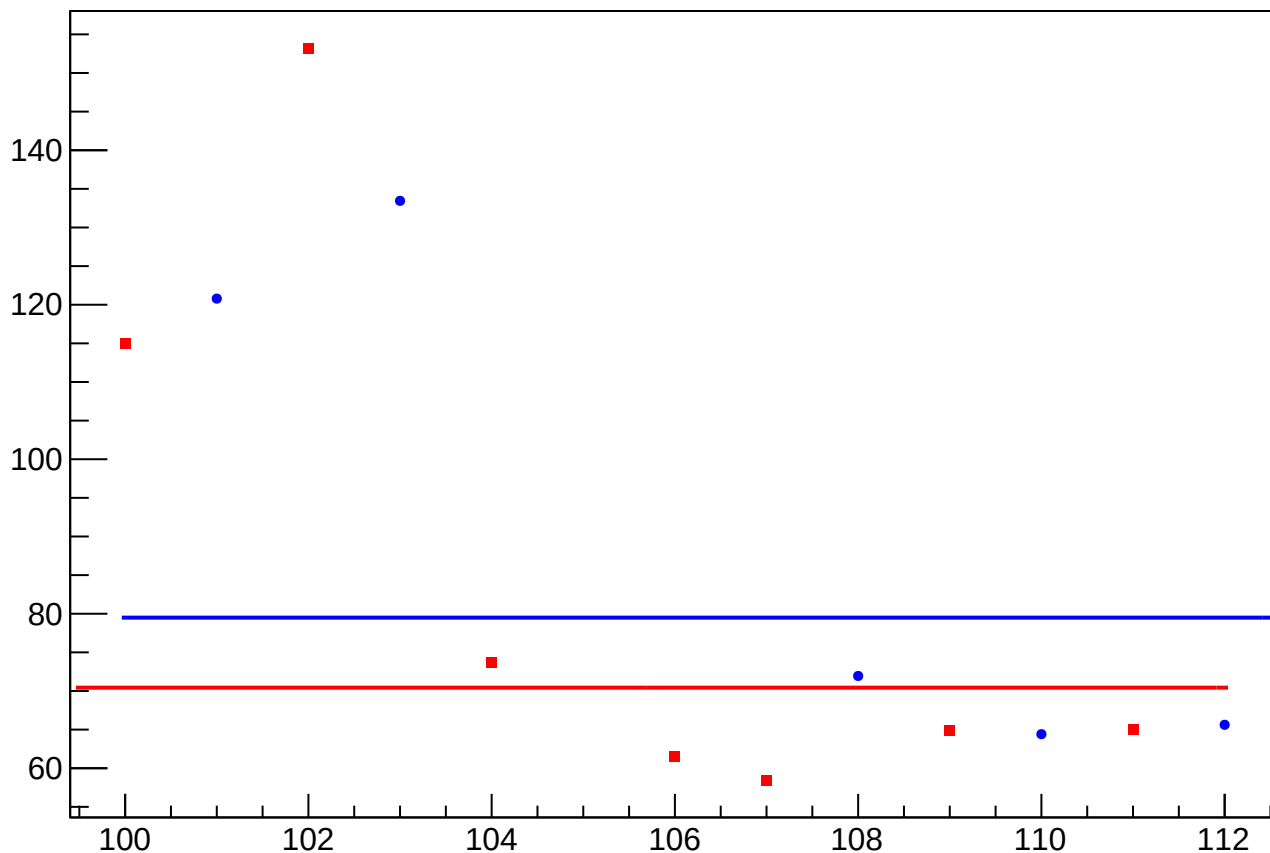
Right: -56.654+/-34.414 χ^2/NDF : 18.8/11

In: -8.173+/-52.896 χ^2/NDF : 4.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.654+/-34.414 χ^2/NDF : 18.8/11

eigen_cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 79.495 $\pm$ 0.037 χ^2 /NDF: 430660.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 70.431 $\pm$ 0.032 χ^2 /NDF: 434994.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

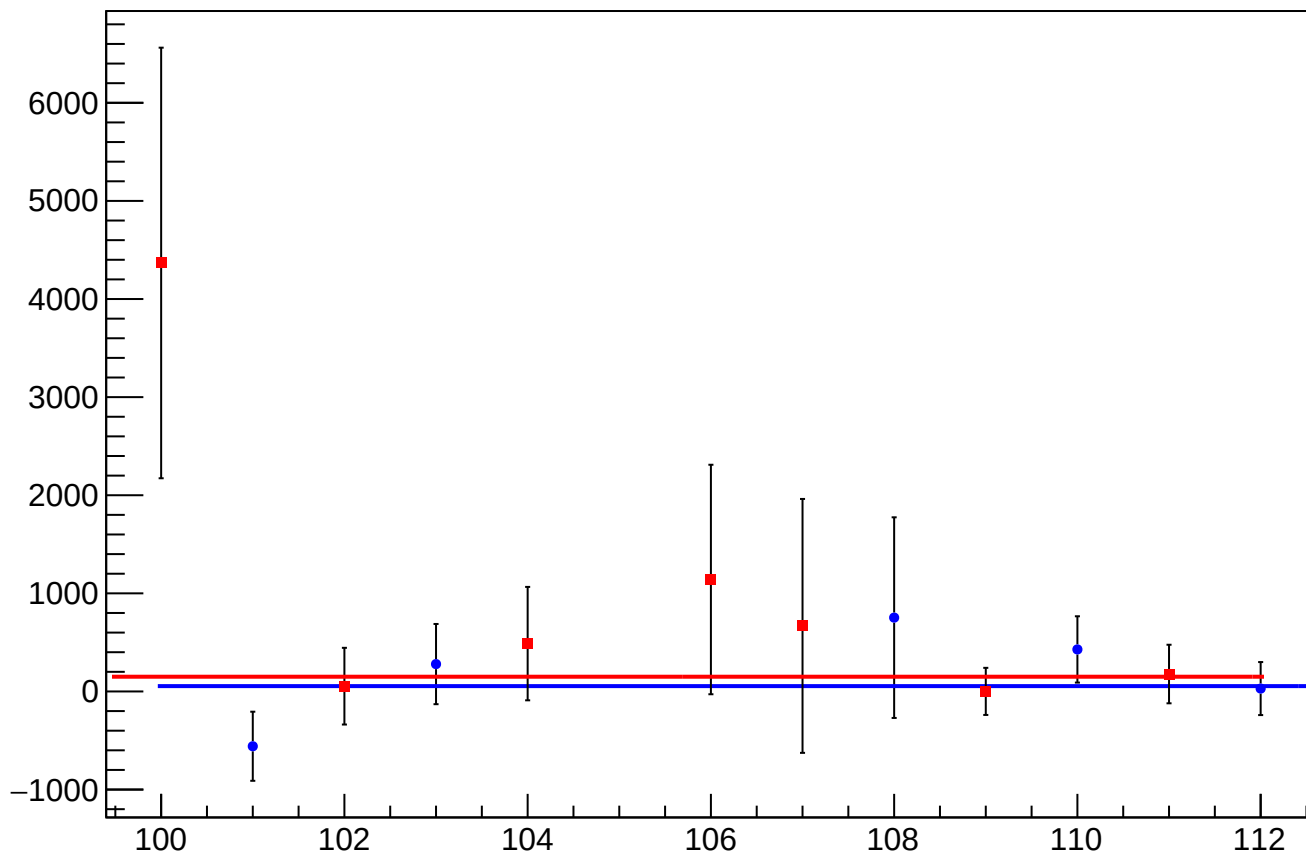
Right: 74.268 $\pm$ 0.024 χ^2 /NDF: 899523.1/11

In: 79.495 $\pm$ 0.037 χ^2 /NDF: 430660.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 74.268 $\pm$ 0.024 χ^2 /NDF: 899523.1/11

asym_sam7_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 54.418+/-163.388 χ^2/NDF : 5.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.186+/-158.807 χ^2/NDF : 5.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

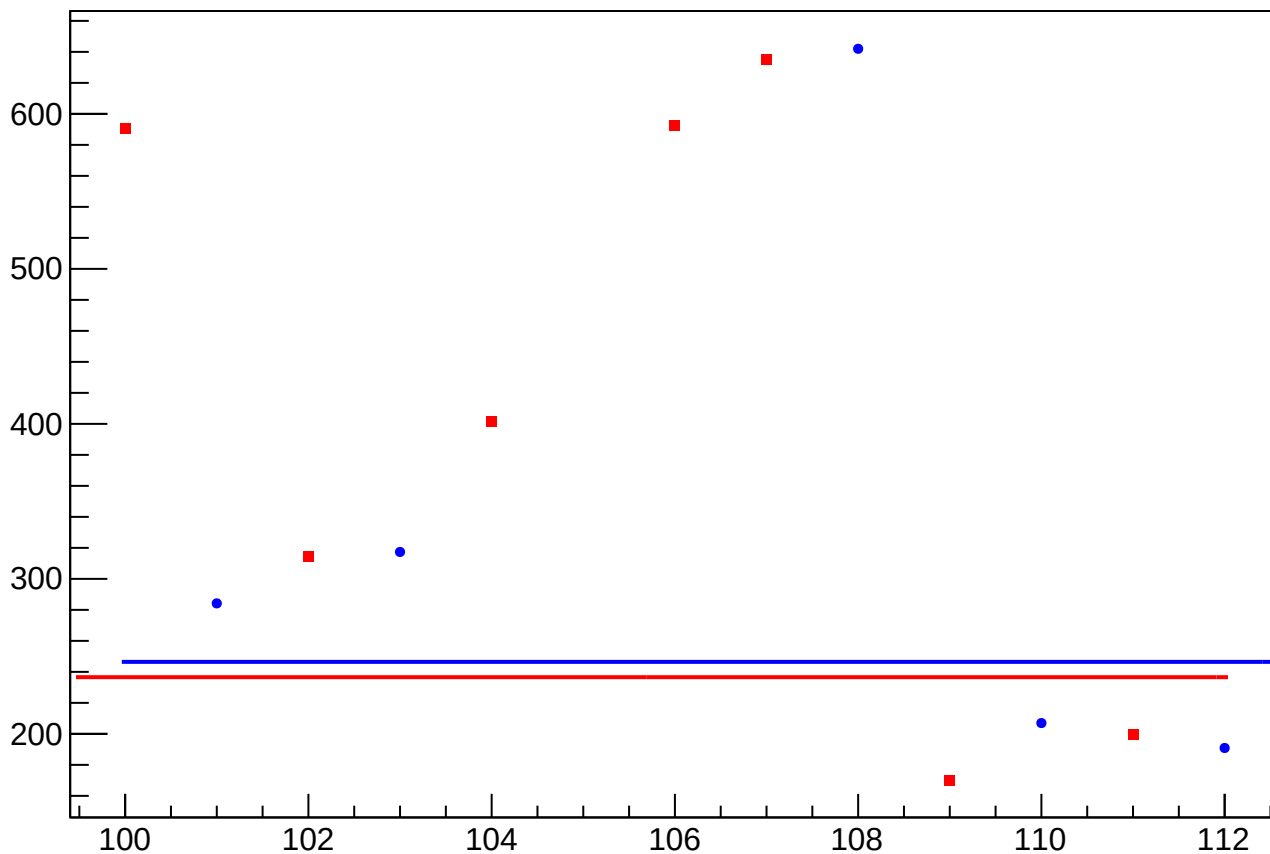
Right: 103.663+/-113.878 χ^2/NDF : 10.6/11

In: 54.418+/-163.388 χ^2/NDF : 5.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.663+/-113.878 χ^2/NDF : 10.6/11

asym_sam7_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 246.457+/-0.116 χ^2/NDF : 494271.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 236.573+/-0.112 χ^2/NDF : 854860.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

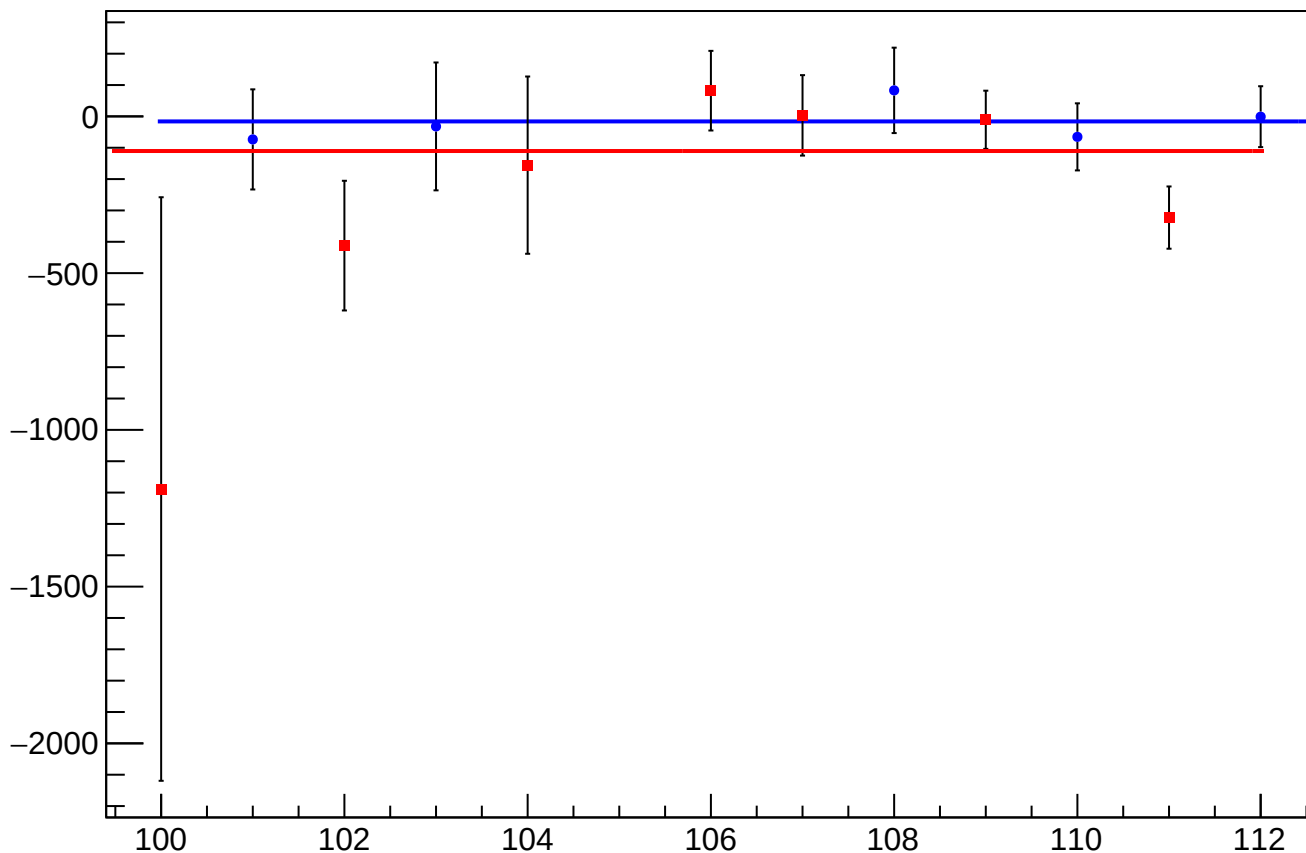
Right: 241.375+/-0.081 χ^2/NDF : 1352894.9/11

In: 246.457+/-0.116 χ^2/NDF : 494271.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 241.375+/-0.081 χ^2/NDF : 1352894.9/11

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -16.035 ± 56.750 χ^2/NDF : 0.9/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -110.448 ± 51.480 χ^2/NDF : 12.3/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

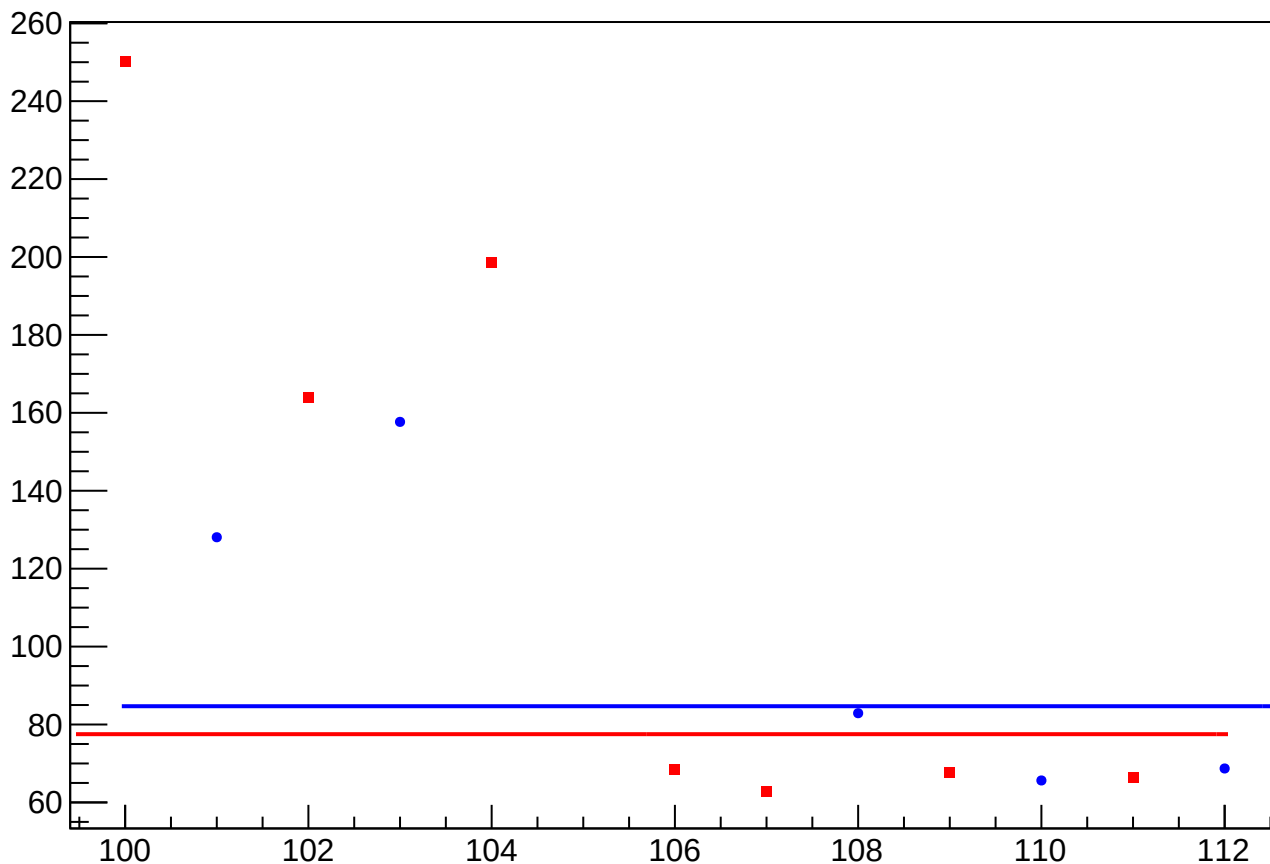
Right: -67.828 ± 38.129 χ^2/NDF : 14.7/11

In: -16.035 ± 56.750 χ^2/NDF : 0.9/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -67.828 ± 38.129 χ^2/NDF : 14.7/11

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 84.694+/-0.040 χ^2/NDF : 521595.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.519+/-0.036 χ^2/NDF : 869283.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

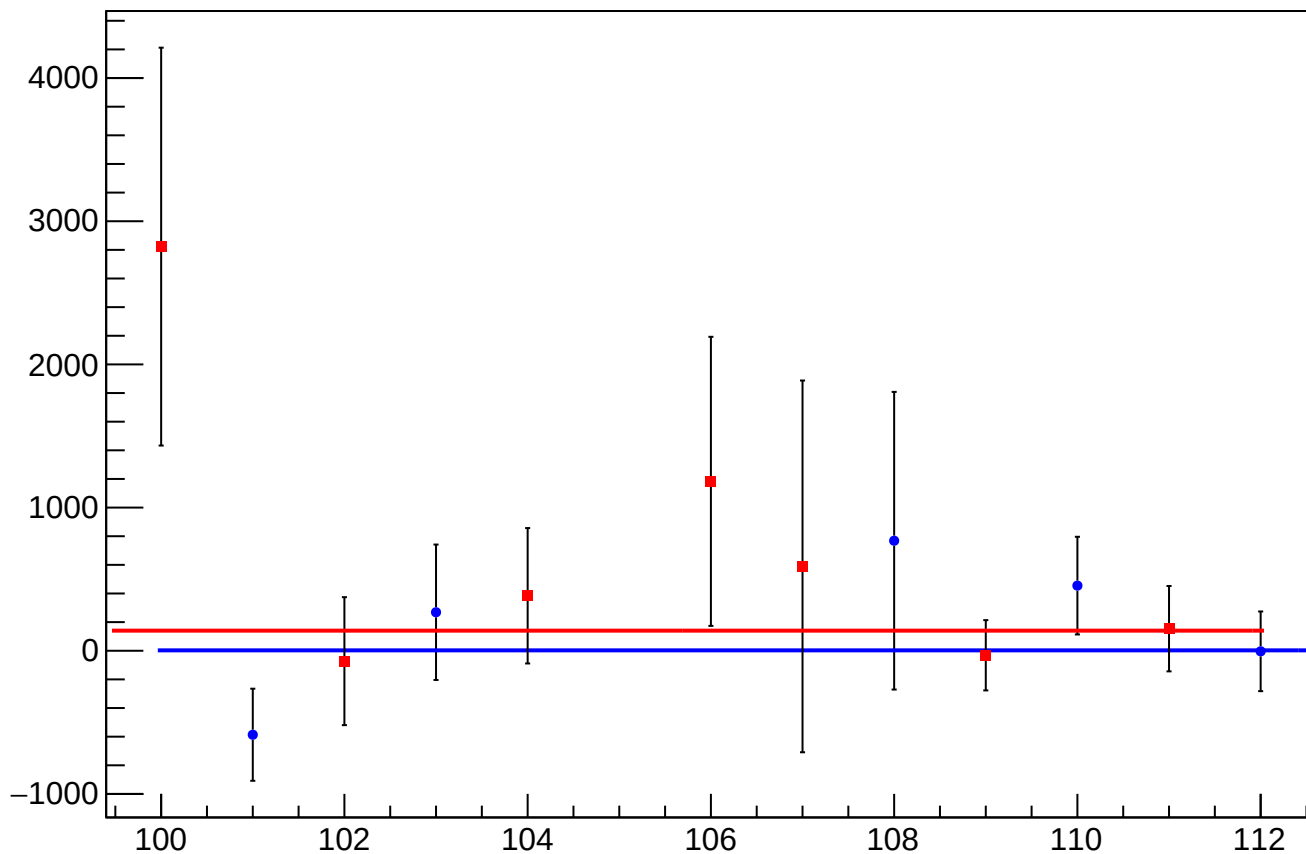
Right: 80.758+/-0.027 χ^2/NDF : 1408414.1/11

In: 84.694+/-0.040 χ^2/NDF : 521595.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.758+/-0.027 χ^2/NDF : 1408414.1/11

asym_sam7_dit_correction_mean vs Slug, Sign Corrected



Right In: 2.814+/-165.356 χ^2/NDF : 6.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 140.507+/-159.269 χ^2/NDF : 5.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

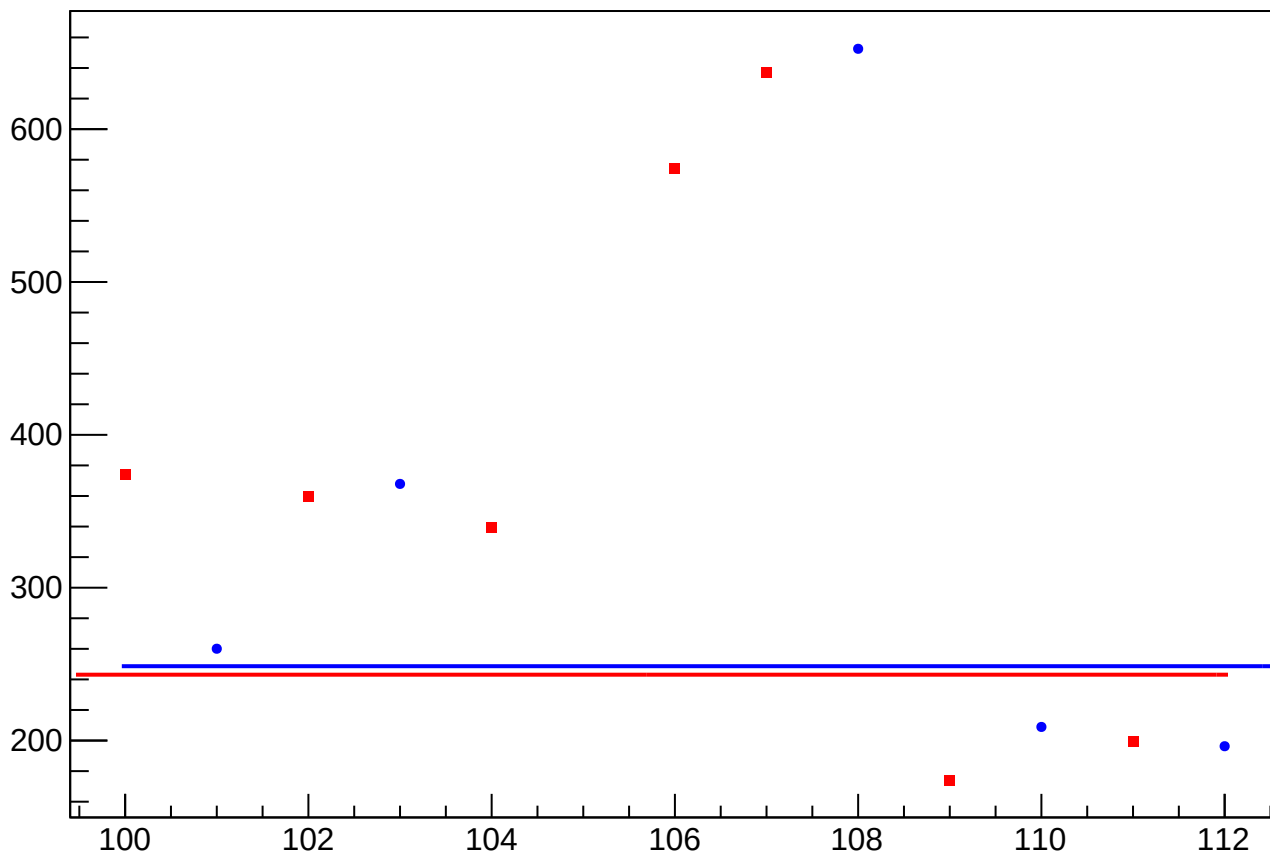
Right: 74.242+/-114.712 χ^2/NDF : 12.2/11

In: 2.814+/-165.356 χ^2/NDF : 6.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.242+/-114.712 χ^2/NDF : 12.2/11

asym_sam7_dit_correction_rms vs Slug, Sign Corrected



Right In: 248.644 $\pm$ 0.117 χ^2 /NDF: 529618.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 243.089 $\pm$ 0.113 χ^2 /NDF: 840190.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

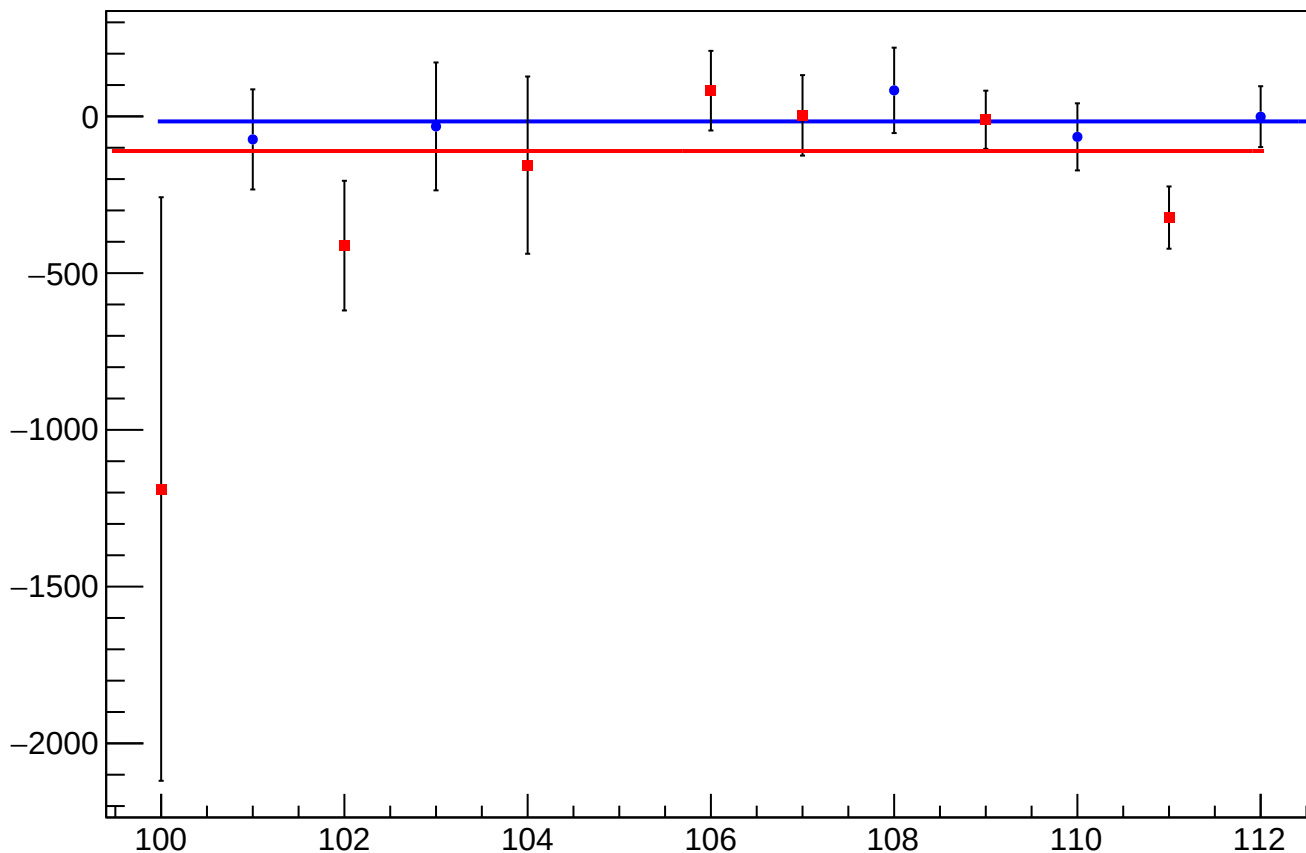
Right: 245.762 $\pm$ 0.081 χ^2 /NDF: 1370979.9/11

In: 248.644 $\pm$ 0.117 χ^2 /NDF:529618.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 245.762 $\pm$ 0.081 χ^2 /NDF: 1370979.9/11

eigen_dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -16.038+/-56.750 χ^2/NDF : 0.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -110.448+/-51.480 χ^2/NDF : 12.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

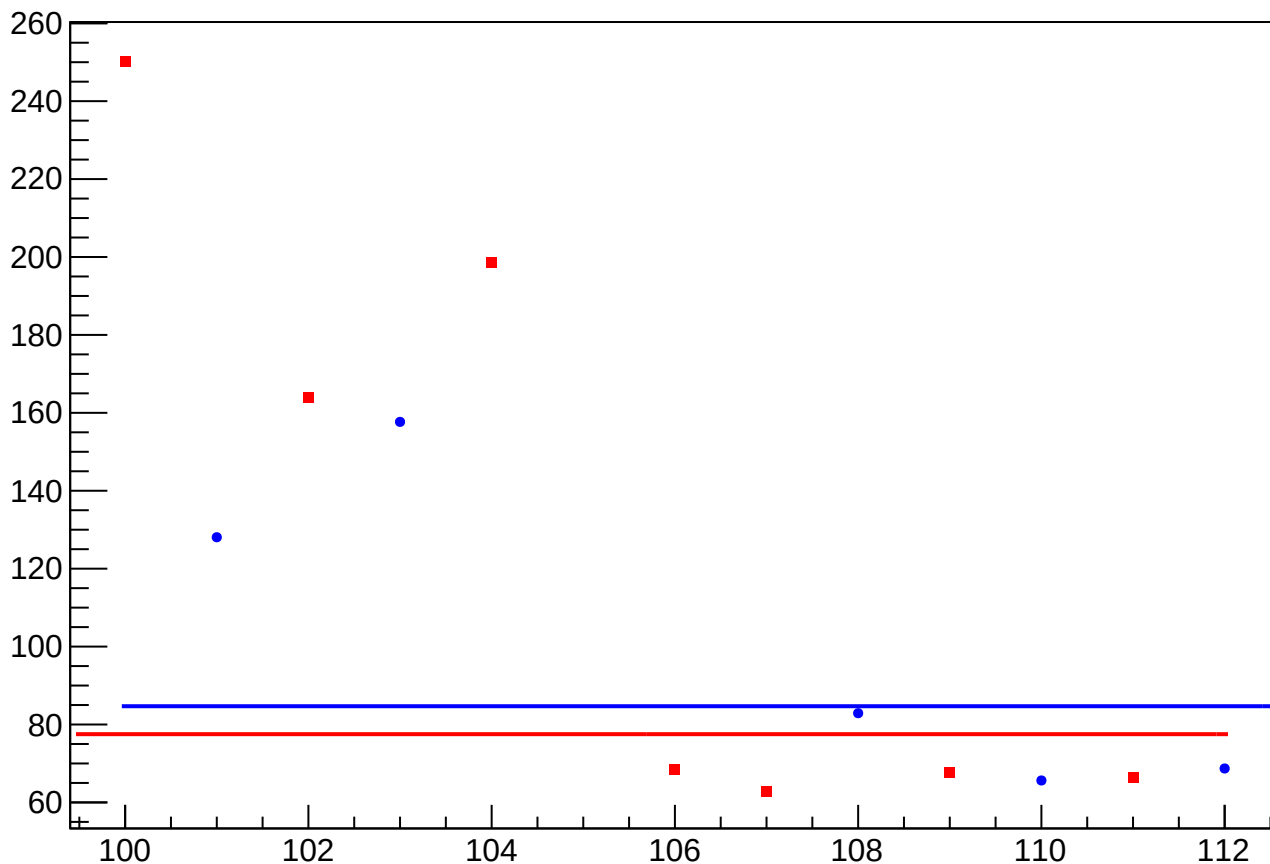
Right: -67.829+/-38.129 χ^2/NDF : 14.7/11

In: -16.038+/-56.750 χ^2/NDF : 0.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -67.829+/-38.129 χ^2/NDF : 14.7/11

eigen_dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 84.694+/-0.040 χ^2/NDF : 521597.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.520+/-0.036 χ^2/NDF : 869282.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

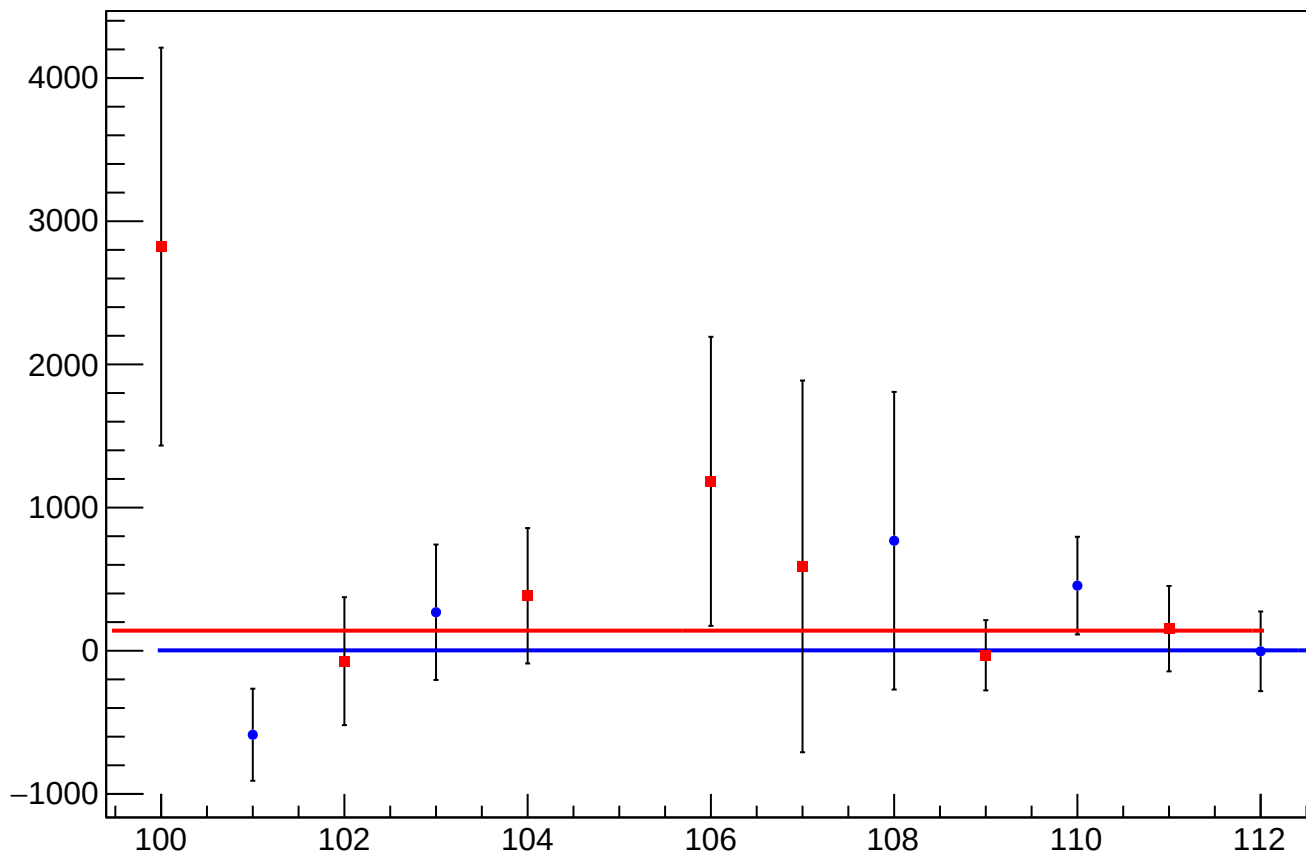
Right: 80.758+/-0.027 χ^2/NDF : 1408414.1/11

In: 84.694+/-0.040 χ^2/NDF : 521597.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.758+/-0.027 χ^2/NDF : 1408414.1/11

asym_sam7_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 2.814+/-165.355 χ^2/NDF : 6.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 140.507+/-159.269 χ^2/NDF : 5.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

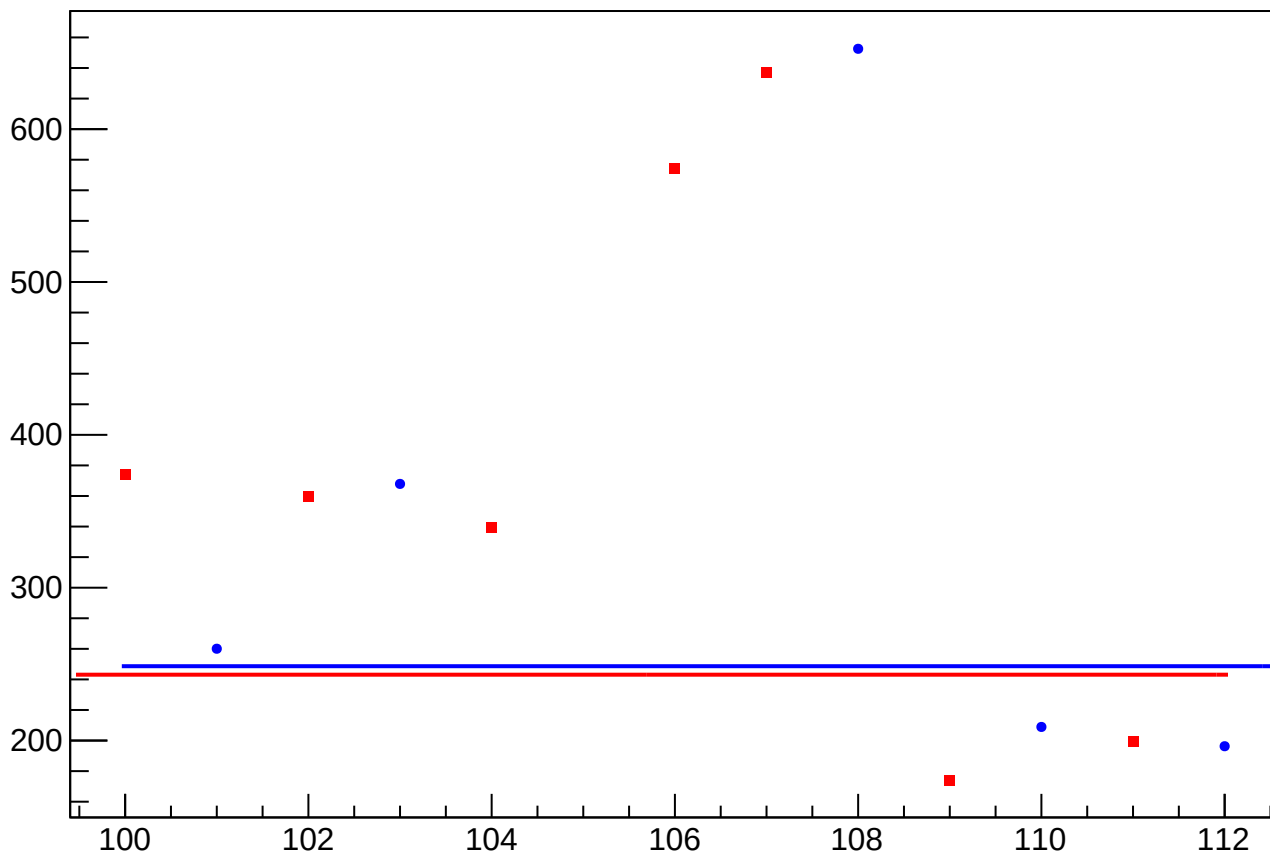
Right: 74.241+/-114.711 χ^2/NDF : 12.2/11

In: 2.814+/-165.355 χ^2/NDF : 6.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.241+/-114.711 χ^2/NDF : 12.2/11

asym_sam7_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 248.642+/-0.117 χ^2/NDF : 529630.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 243.088+/-0.113 χ^2/NDF : 840193.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

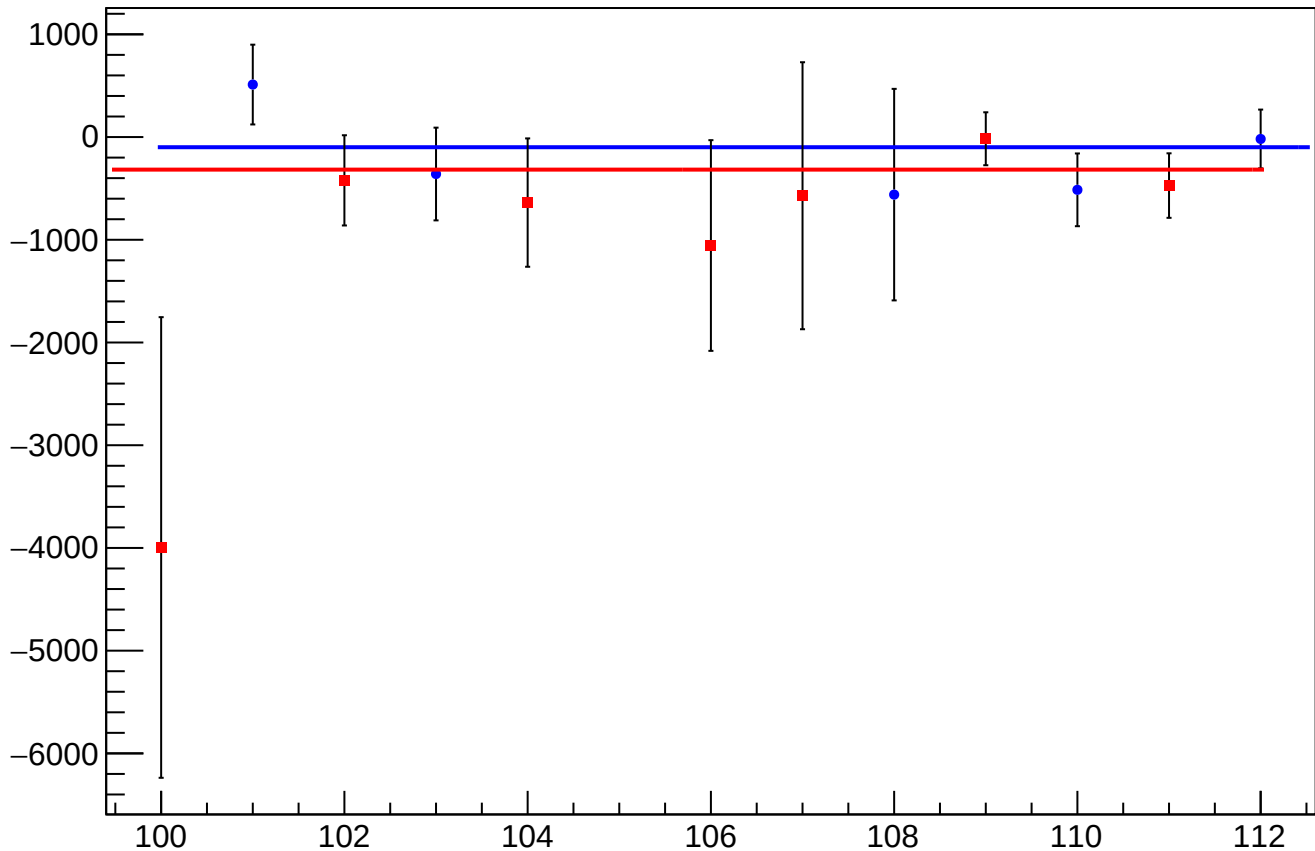
Right: 245.761+/-0.081 χ^2/NDF : 1370993.5/11

In: 248.642+/-0.117 χ^2/NDF : 529630.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 245.761+/-0.081 χ^2/NDF : 1370993.5/11

asym_sam7_mean vs Slug, Sign Corrected



Right In: -98.921 ± 174.918 χ^2/NDF : 4.5/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -317.003 ± 169.791 χ^2/NDF : 5.2/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

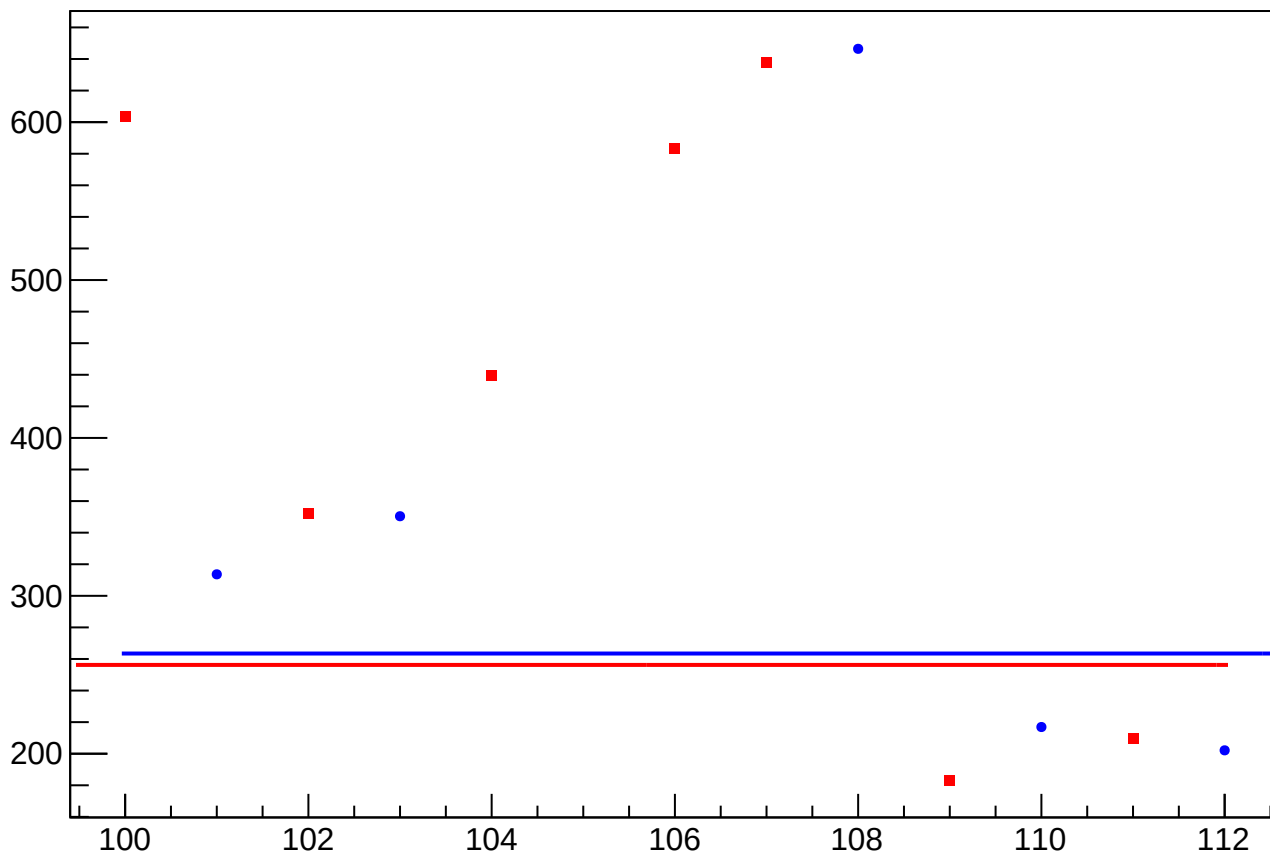
Right: -211.205 ± 121.832 χ^2/NDF : 10.4/11

In: -98.921 ± 174.918 χ^2/NDF : 4.5/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -211.205 ± 121.832 χ^2/NDF : 10.4/11

asym_sam7_rms vs Slug, Sign Corrected



Right In: 263.457+/-0.124 χ^2/NDF : 510809.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 256.238+/-0.120 χ^2/NDF : 896635.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

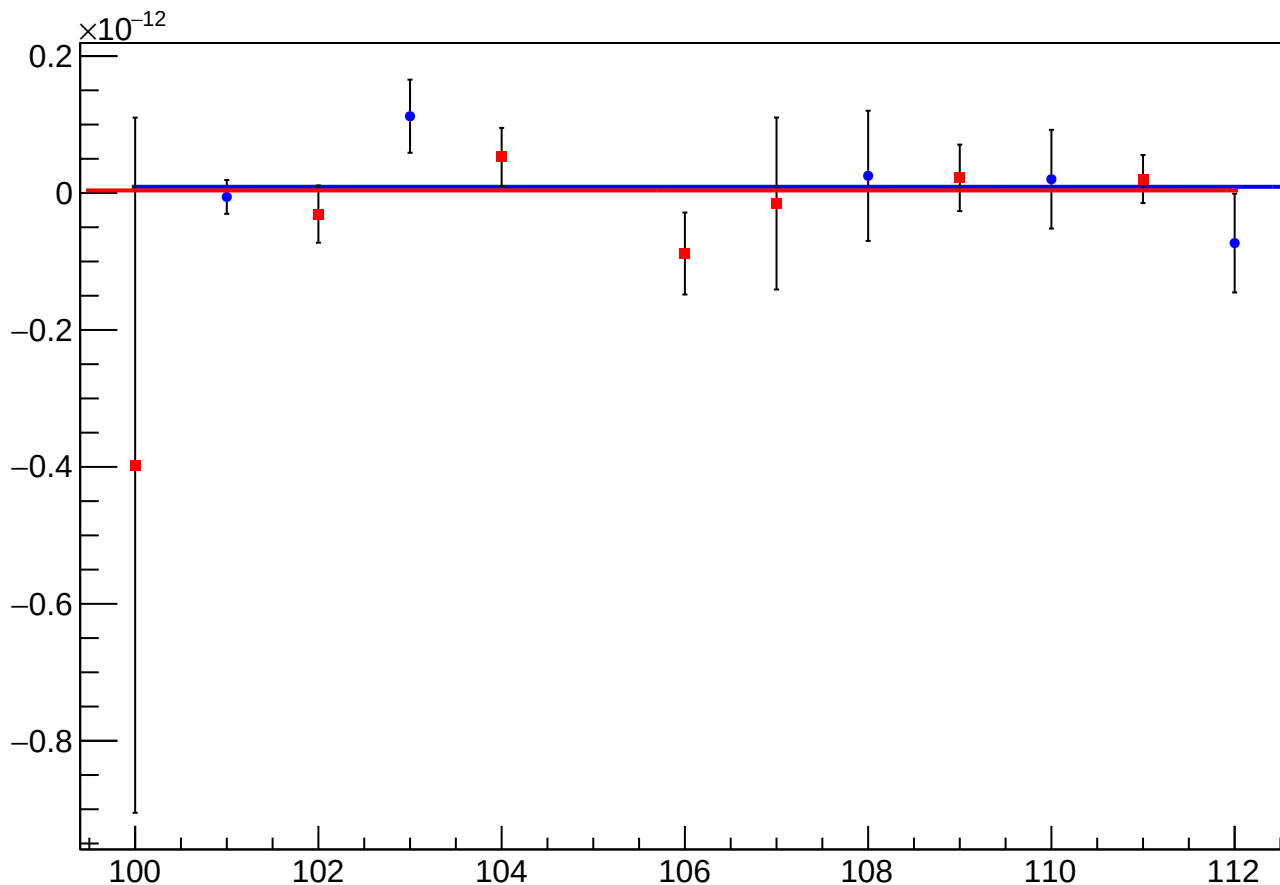
Right: 259.740+/-0.086 χ^2/NDF : 1409198.9/11

In: 263.457+/-0.124 χ^2/NDF : 510809.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 259.740+/-0.086 χ^2/NDF : 1409198.9/11

asym_sam7_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

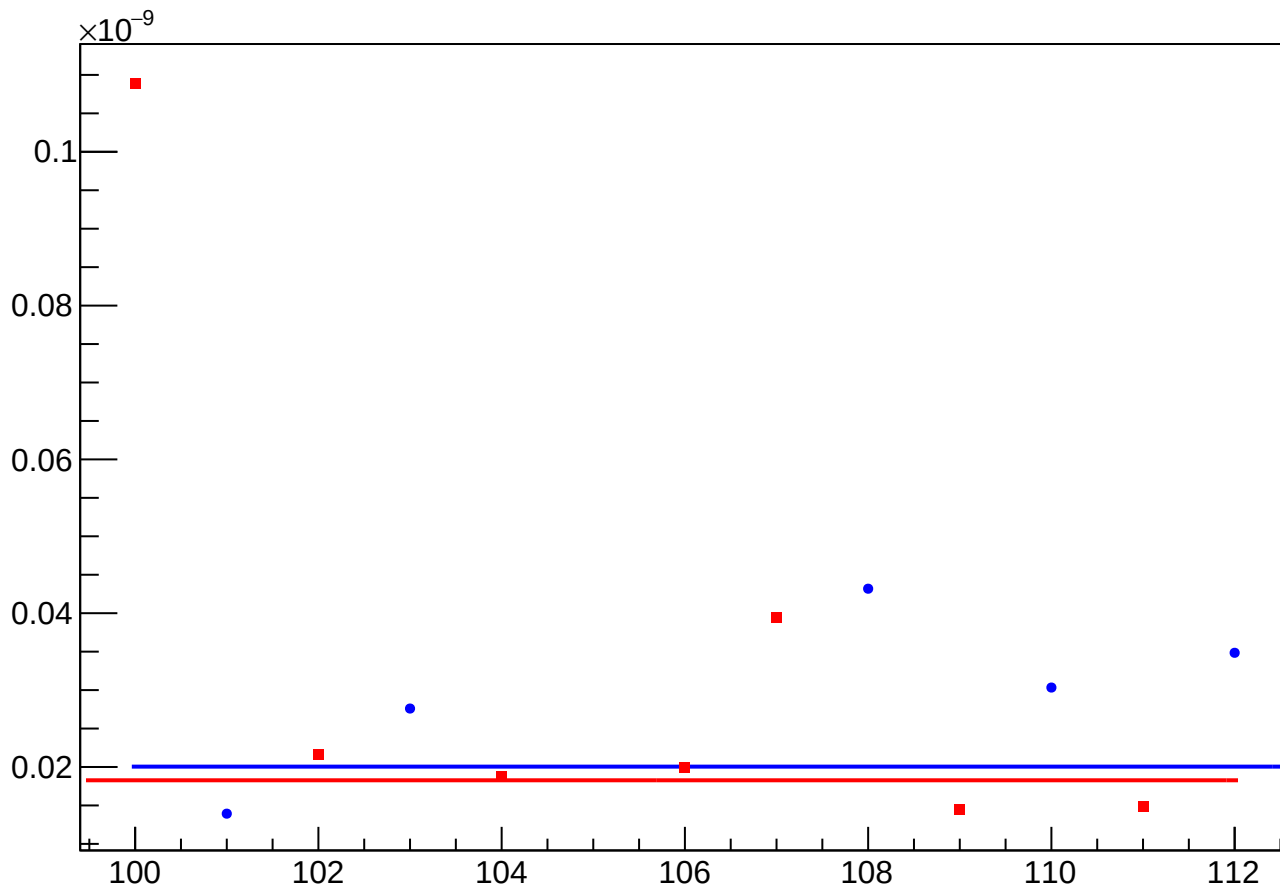
Right: 0.000+/-0.000 χ^2/NDF : 10.9/11

In: 0.000+/-0.000 χ^2/NDF : 5.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.9/11

asym_sam7_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 406174.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 166125.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

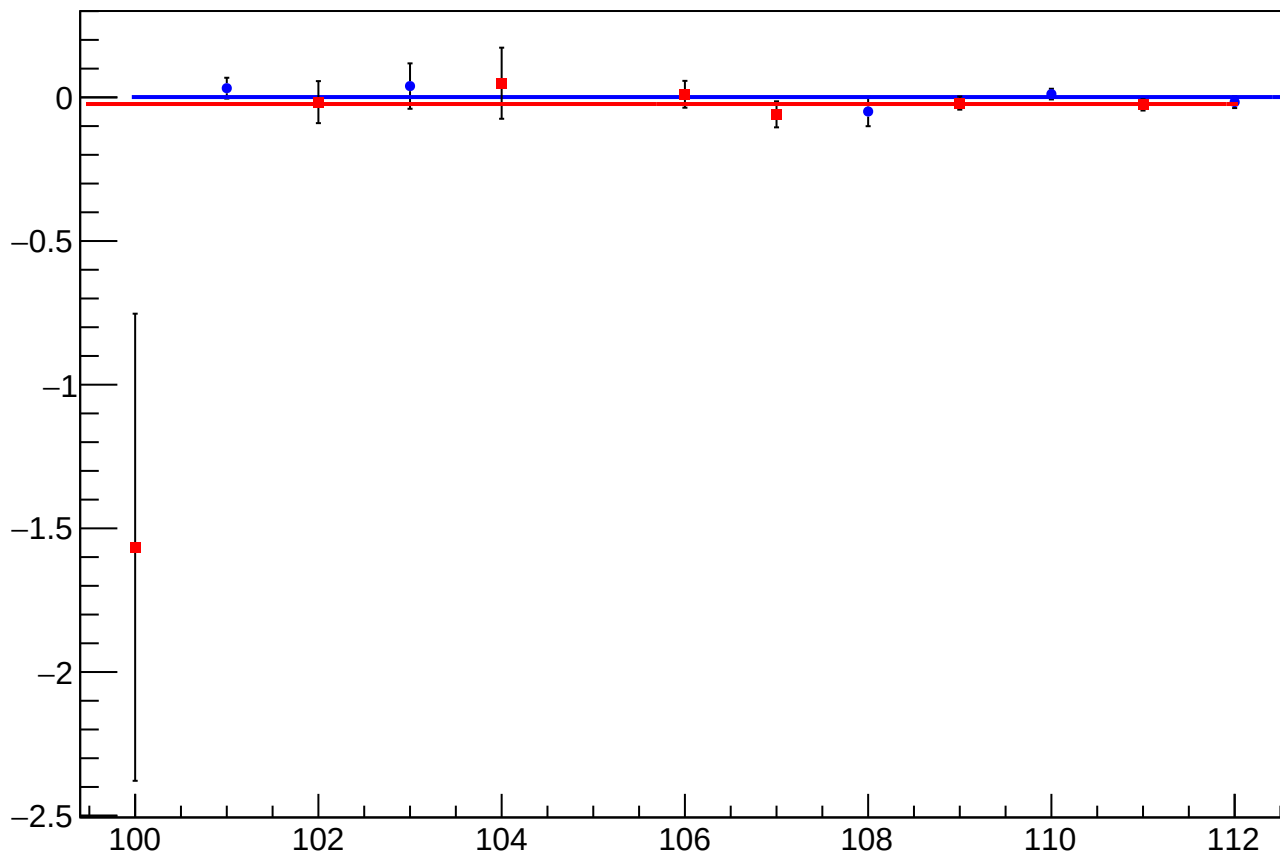
Right: 0.000+/-0.000 χ^2/NDF : 580481.8/11

In: 0.000+/-0.000 χ^2/NDF : 406174.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 580481.8/11

asym_sam7_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.012 χ^2/NDF : 2.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.023+/-0.013 χ^2/NDF : 5.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

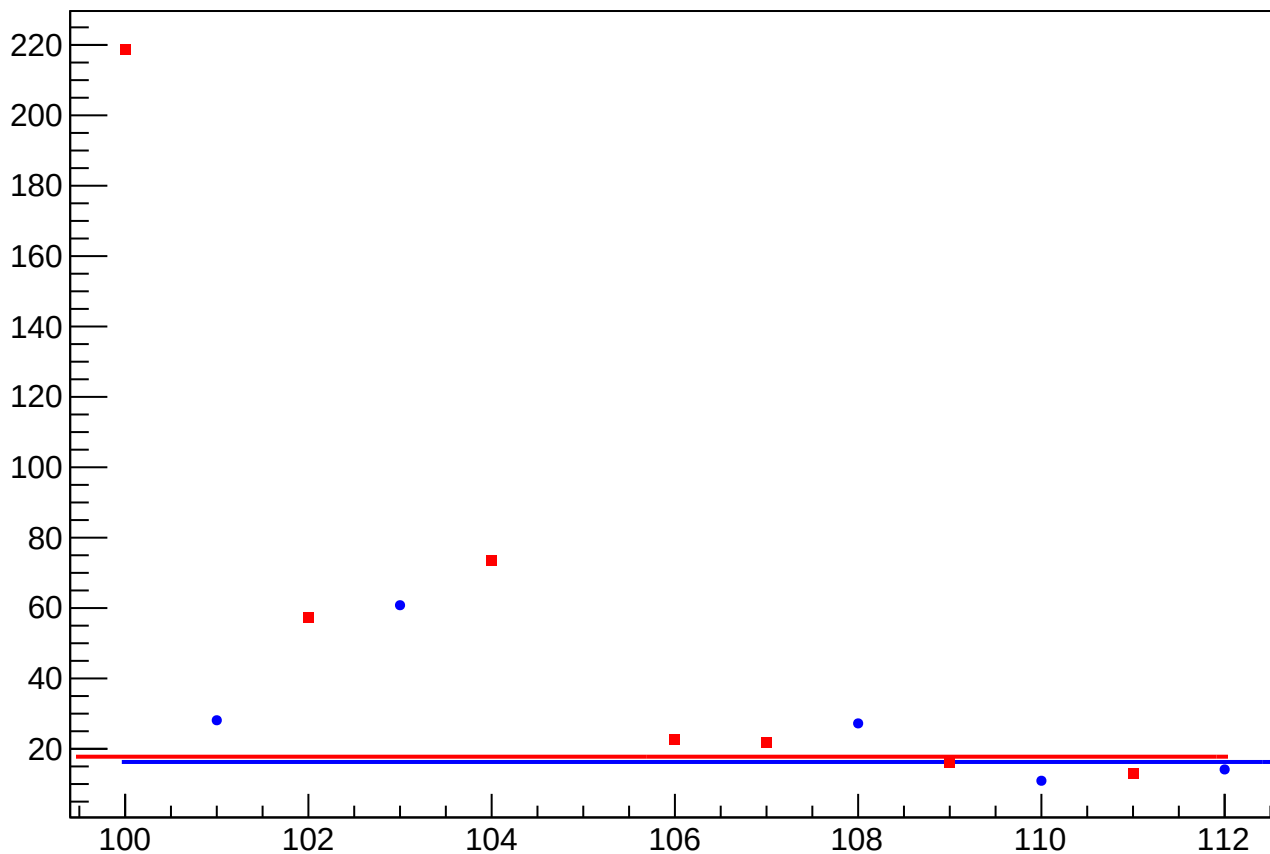
Right: -0.010+/-0.009 χ^2/NDF : 9.9/11

In: 0.001+/-0.012 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.009 χ^2/NDF : 9.9/11

asym_sam7_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 16.268+/-0.009 χ^2/NDF : 1126409.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.768+/-0.009 χ^2/NDF : 1282163.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

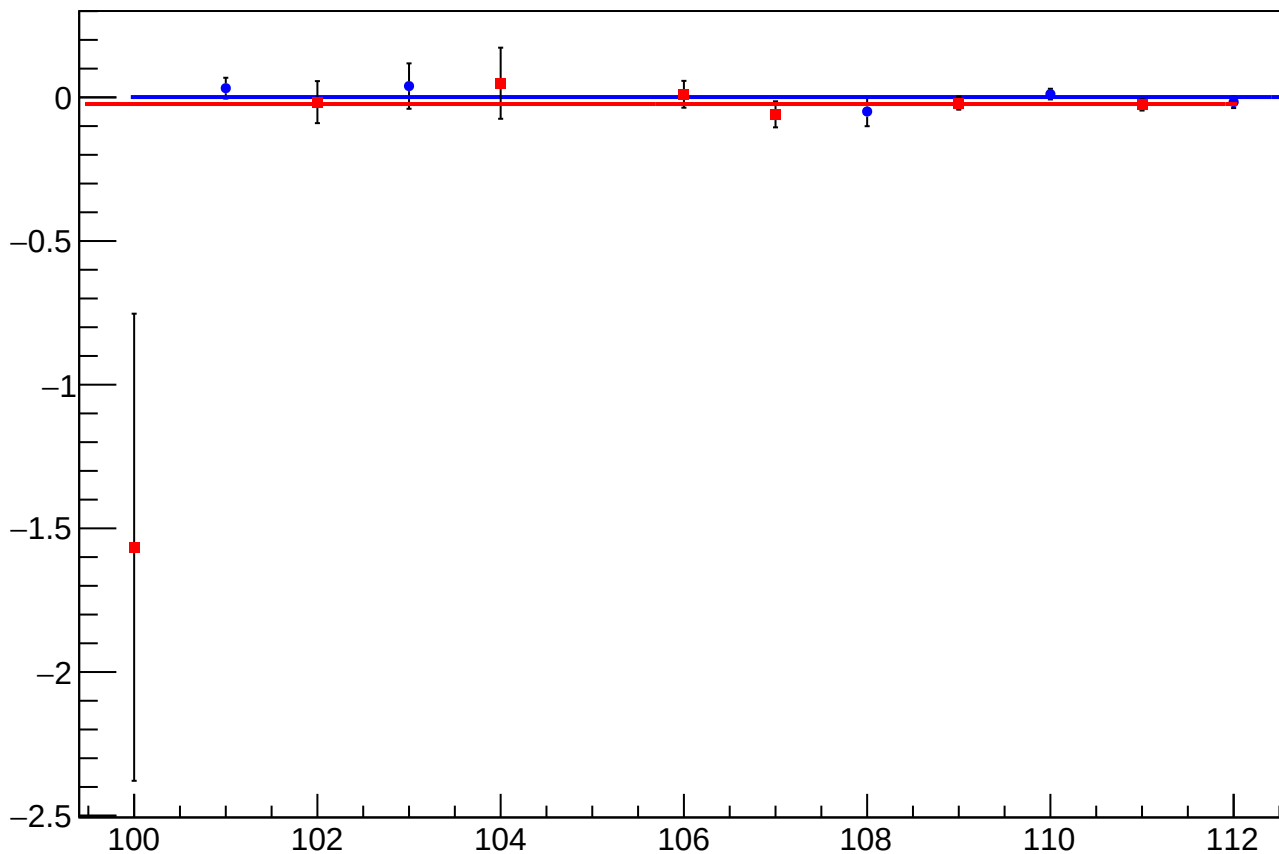
Right: 16.970+/-0.006 χ^2/NDF : 2422250.6/11

In: 16.268+/-0.009 χ^2/NDF : 1126409.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.970+/-0.006 χ^2/NDF : 2422250.6/11

asym_sam7_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.012 χ^2 /NDF: 2.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.023 $\pm$ 0.013 χ^2 /NDF: 5.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

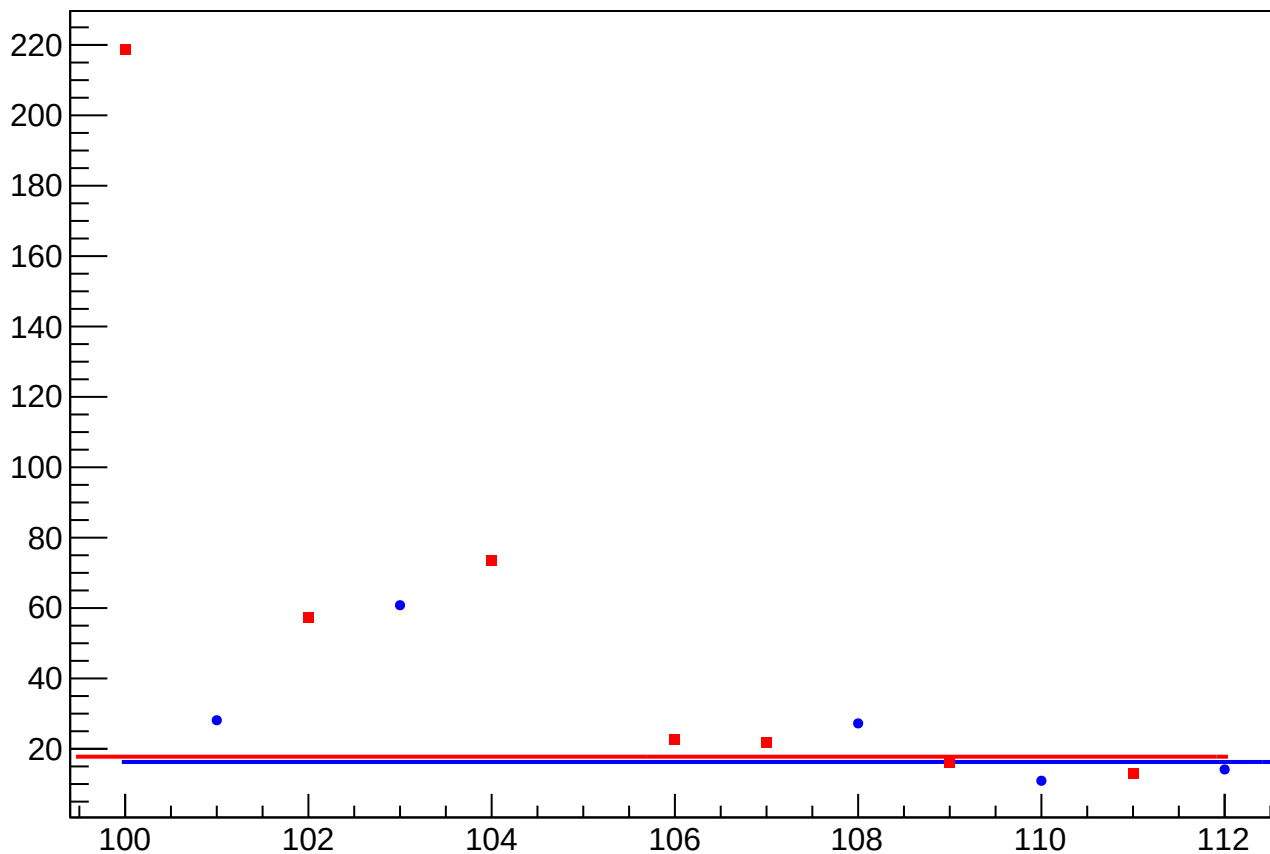
Right: -0.010 $\pm$ 0.009 χ^2 /NDF: 9.9/11

In: 0.001 $\pm$ 0.012 χ^2 /NDF:2.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.010 $\pm$ 0.009 χ^2 /NDF: 9.9/11

asym_sam7_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 16.268+/-0.009 χ^2/NDF : 1126409.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.768+/-0.009 χ^2/NDF : 1282163.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

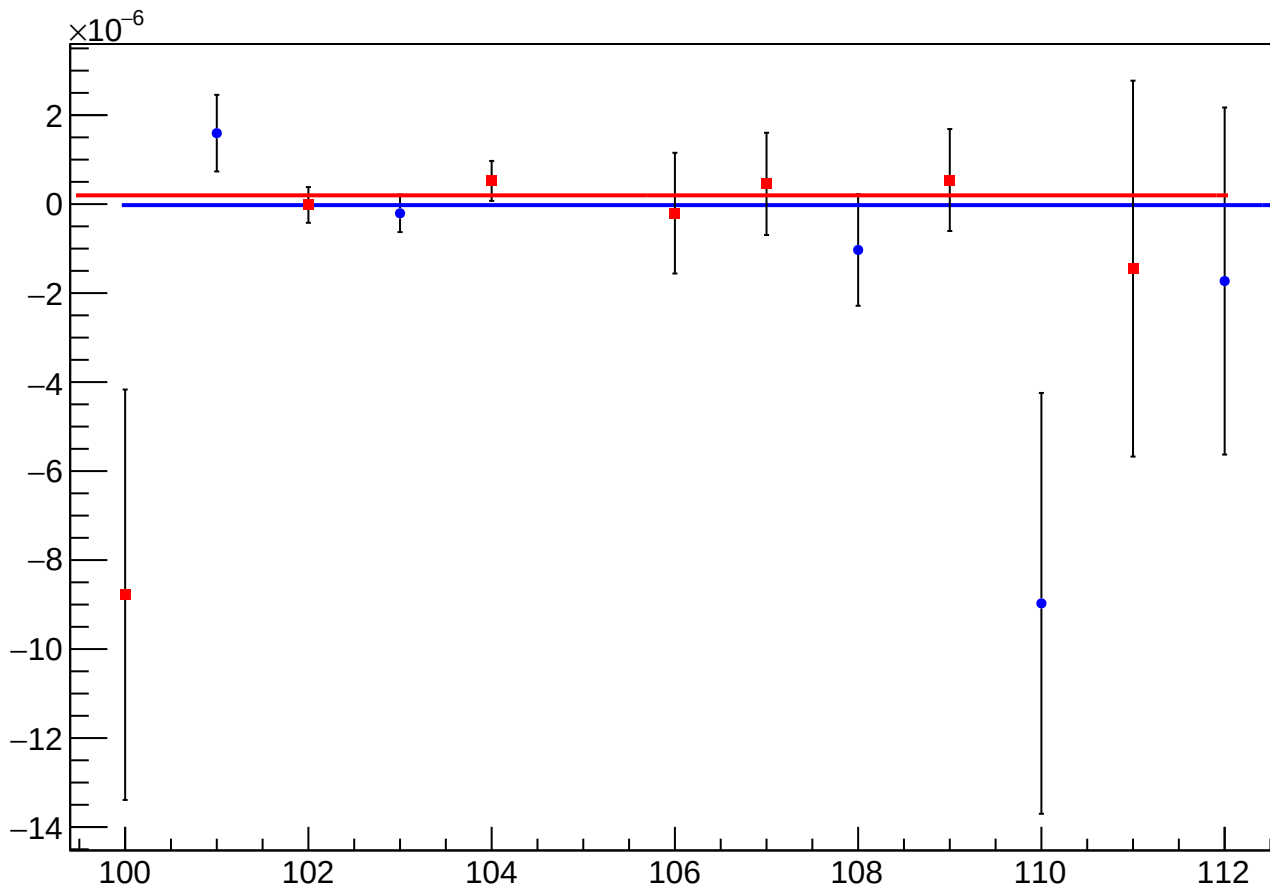
Right: 16.970+/-0.006 χ^2/NDF : 2422250.6/11

In: 16.268+/-0.009 χ^2/NDF : 1126409.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.970+/-0.006 χ^2/NDF : 2422250.6/11

asym_sam7_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 8.1/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 5.0/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

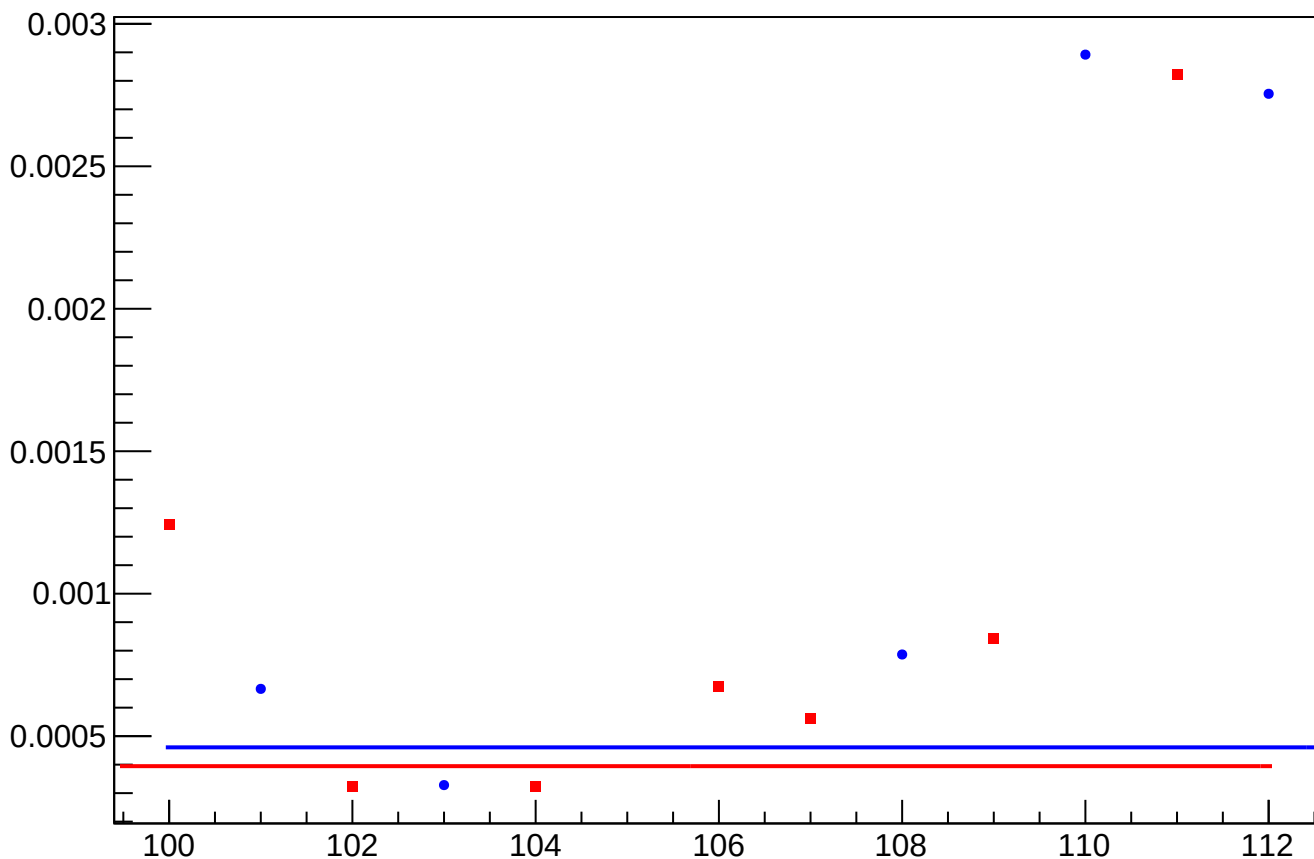
Right: 0.000+/-0.000 χ^2 /NDF: 13.4/11

In: -0.000+/-0.000 χ^2 /NDF:8.1/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 13.4/11

asym_sam7_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1666425.4/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1277441.6/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

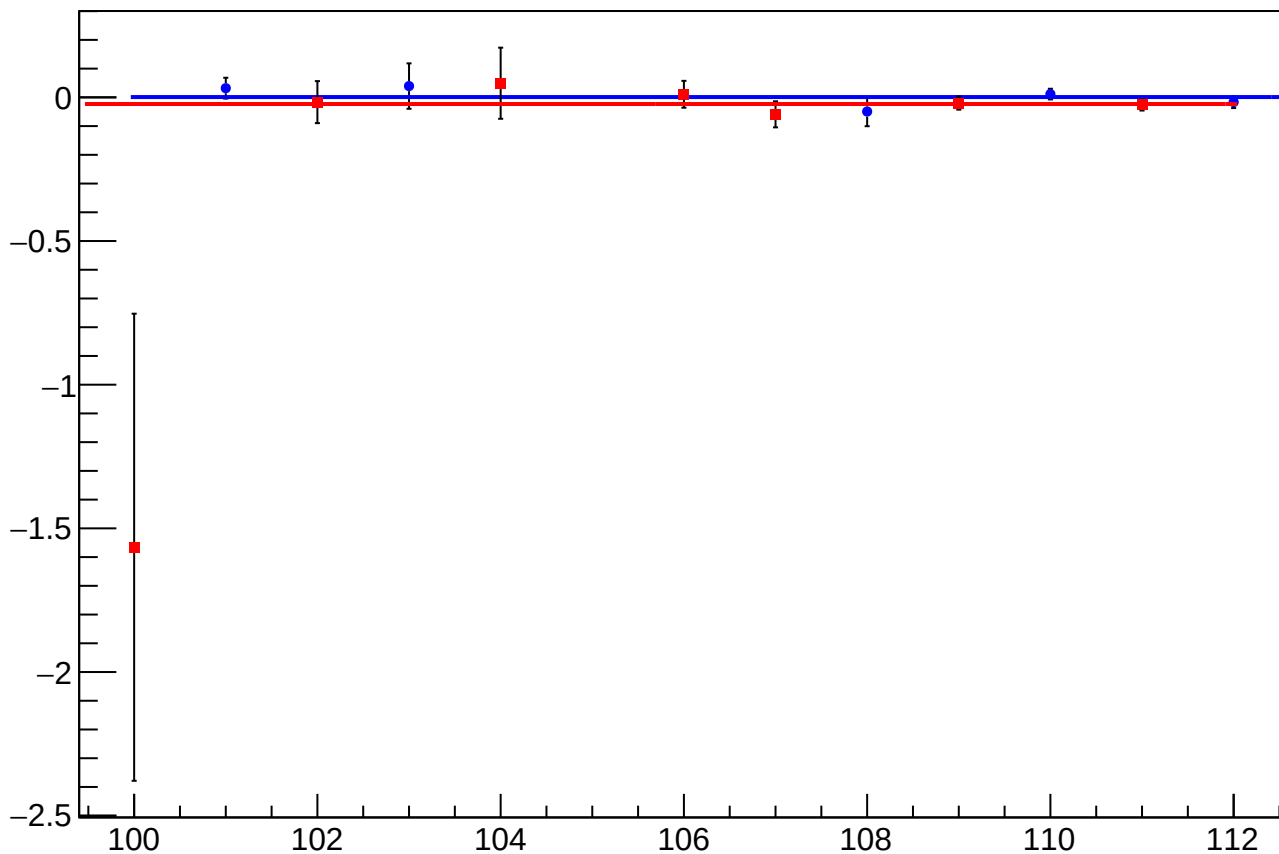
Right: 0.000+/-0.000 χ^2/NDF : 2986412.2/11

In: 0.000+/-0.000 χ^2/NDF :1666425.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2986412.2/11

asym_sam7_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.012 χ^2 /NDF: 2.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.023 $\pm$ 0.013 χ^2 /NDF: 5.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

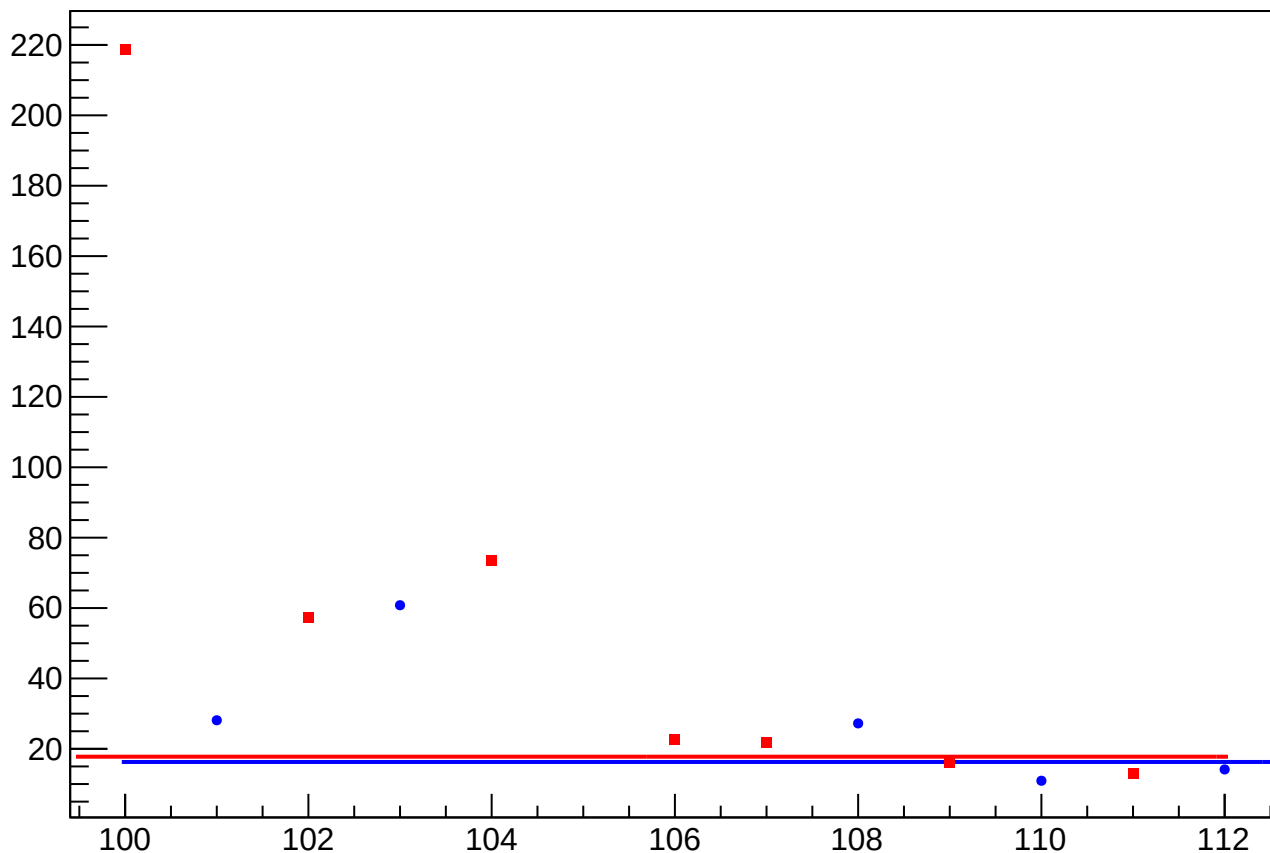
Right: -0.010 $\pm$ 0.009 χ^2 /NDF: 9.9/11

In: 0.001 $\pm$ 0.012 χ^2 /NDF:2.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.010 $\pm$ 0.009 χ^2 /NDF: 9.9/11

asym_sam7_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 16.269+/-0.009 χ^2/NDF : 1126355.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.768+/-0.009 χ^2/NDF : 1282121.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

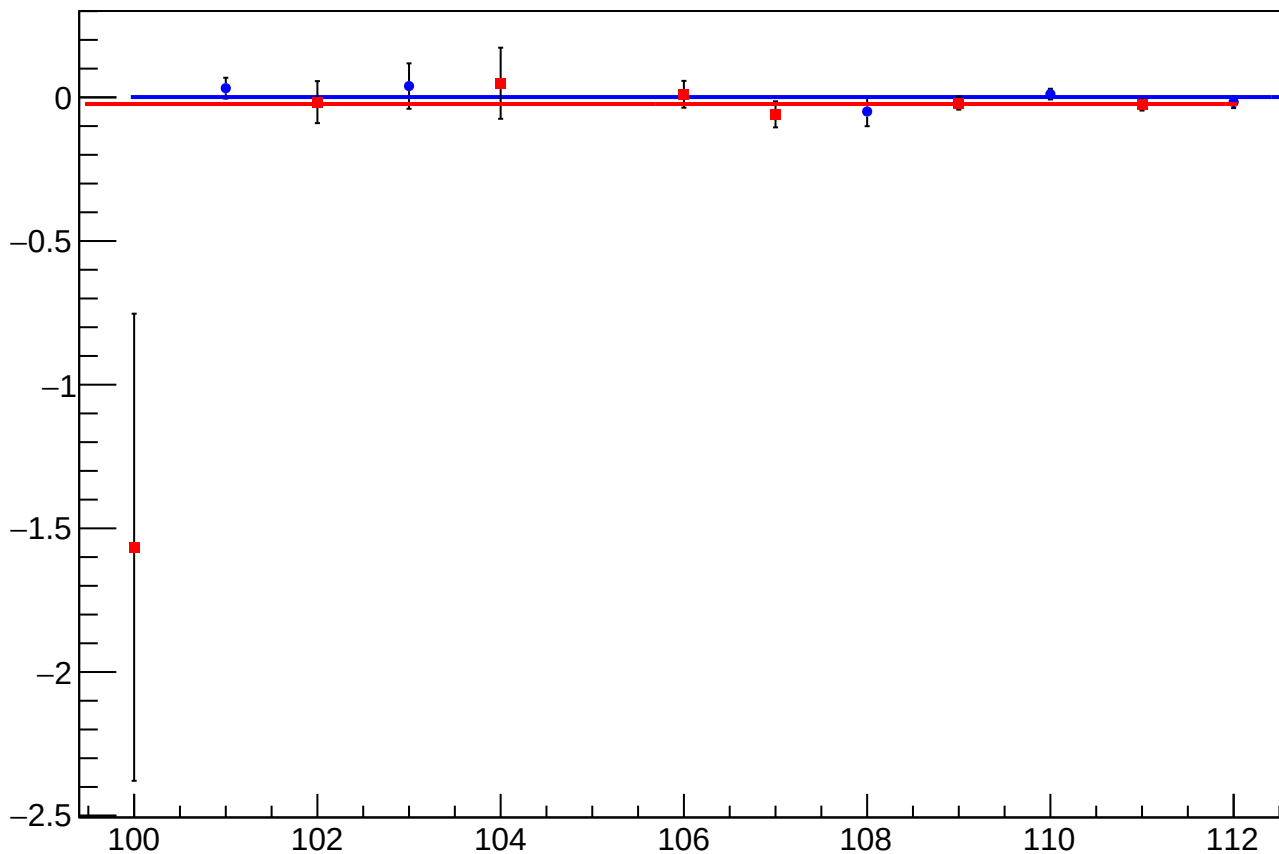
Right: 16.971+/-0.006 χ^2/NDF : 2422147.3/11

In: 16.269+/-0.009 χ^2/NDF : 1126355.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.971+/-0.006 χ^2/NDF : 2422147.3/11

asym_sam7_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.012 χ^2 /NDF: 2.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.023 $\pm$ 0.013 χ^2 /NDF: 5.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

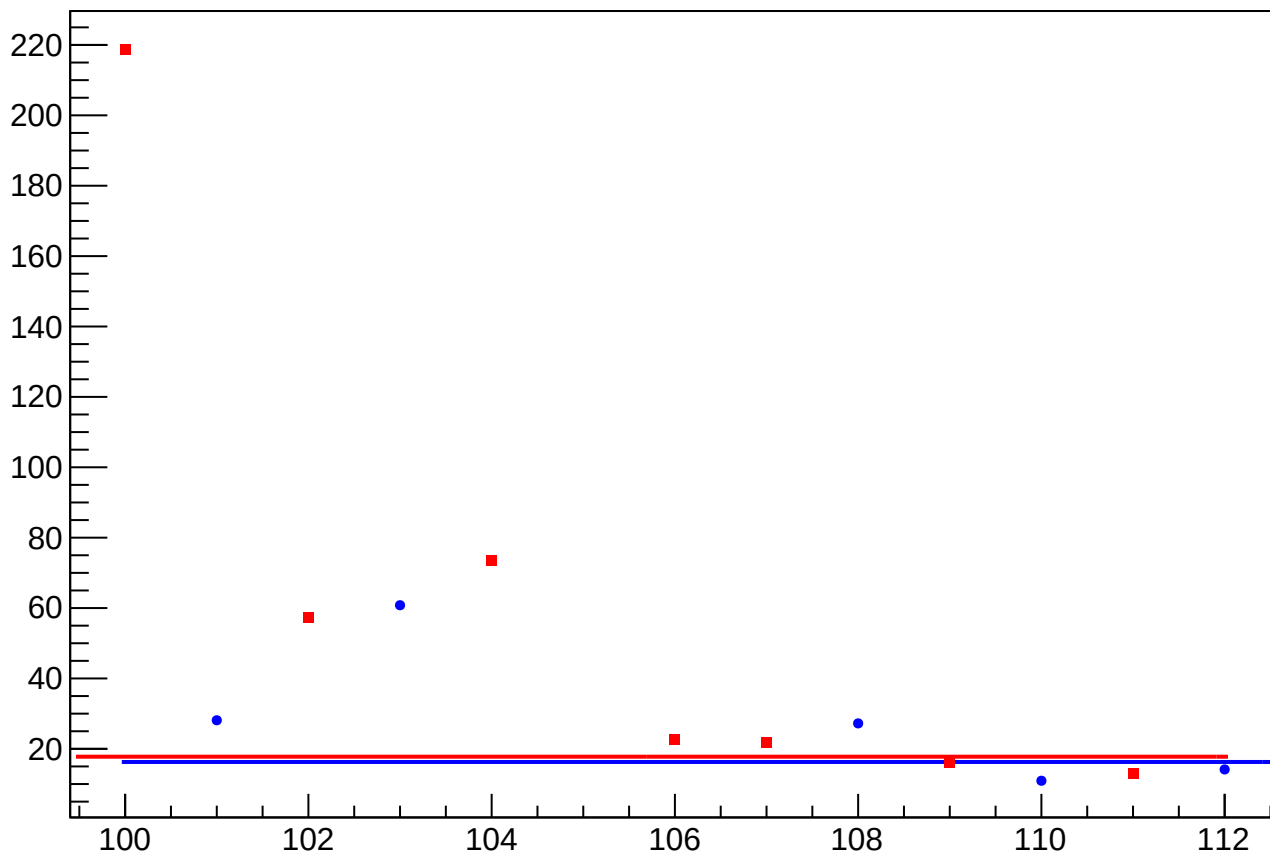
Right: -0.010 $\pm$ 0.009 χ^2 /NDF: 9.9/11

In: 0.001 $\pm$ 0.012 χ^2 /NDF:2.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.010 $\pm$ 0.009 χ^2 /NDF: 9.9/11

asym_sam7_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 16.269+/-0.009 χ^2/NDF : 1126355.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.768+/-0.009 χ^2/NDF : 1282121.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

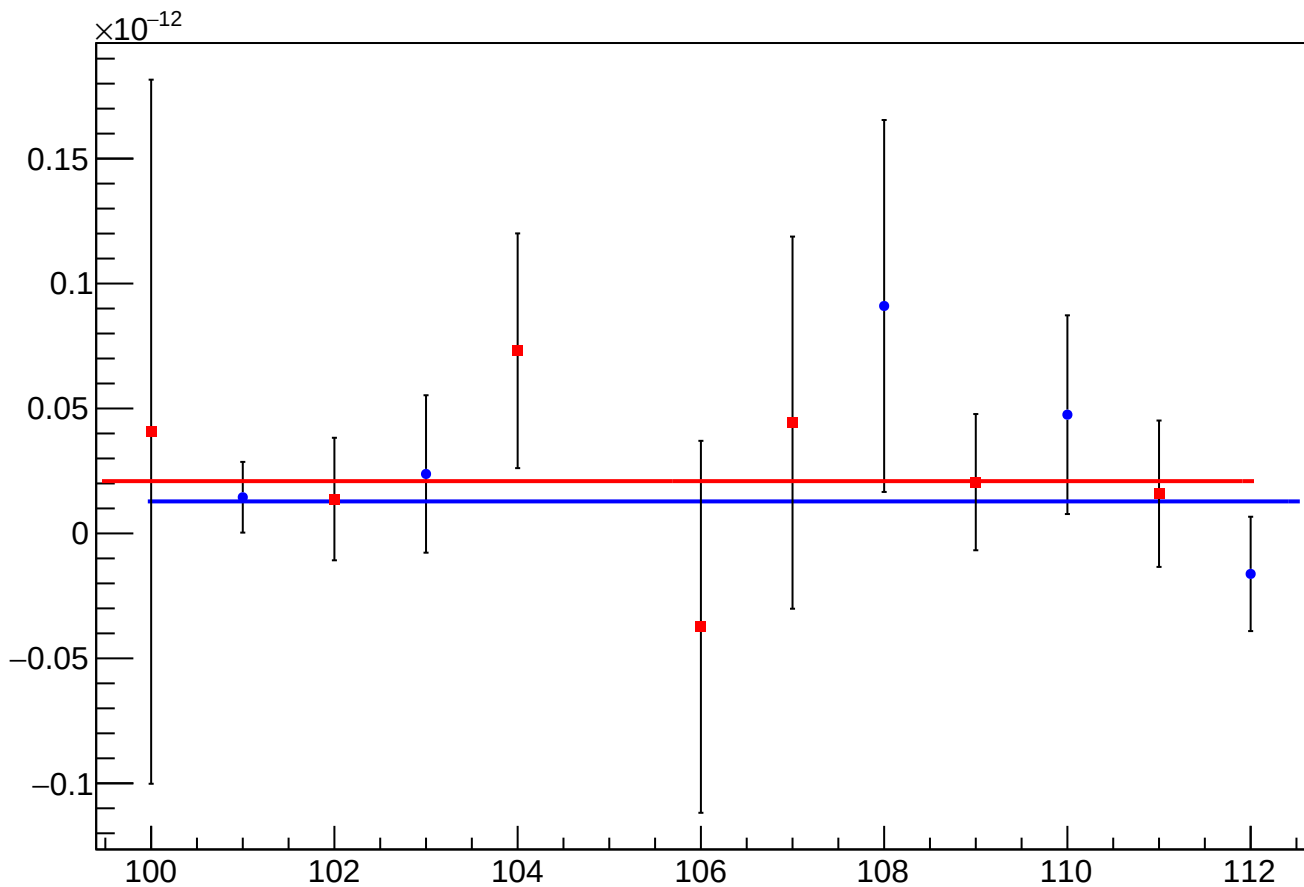
Right: 16.971+/-0.006 χ^2/NDF : 2422147.3/11

In: 16.269+/-0.009 χ^2/NDF : 1126355.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.971+/-0.006 χ^2/NDF : 2422147.3/11

asym_sam7_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

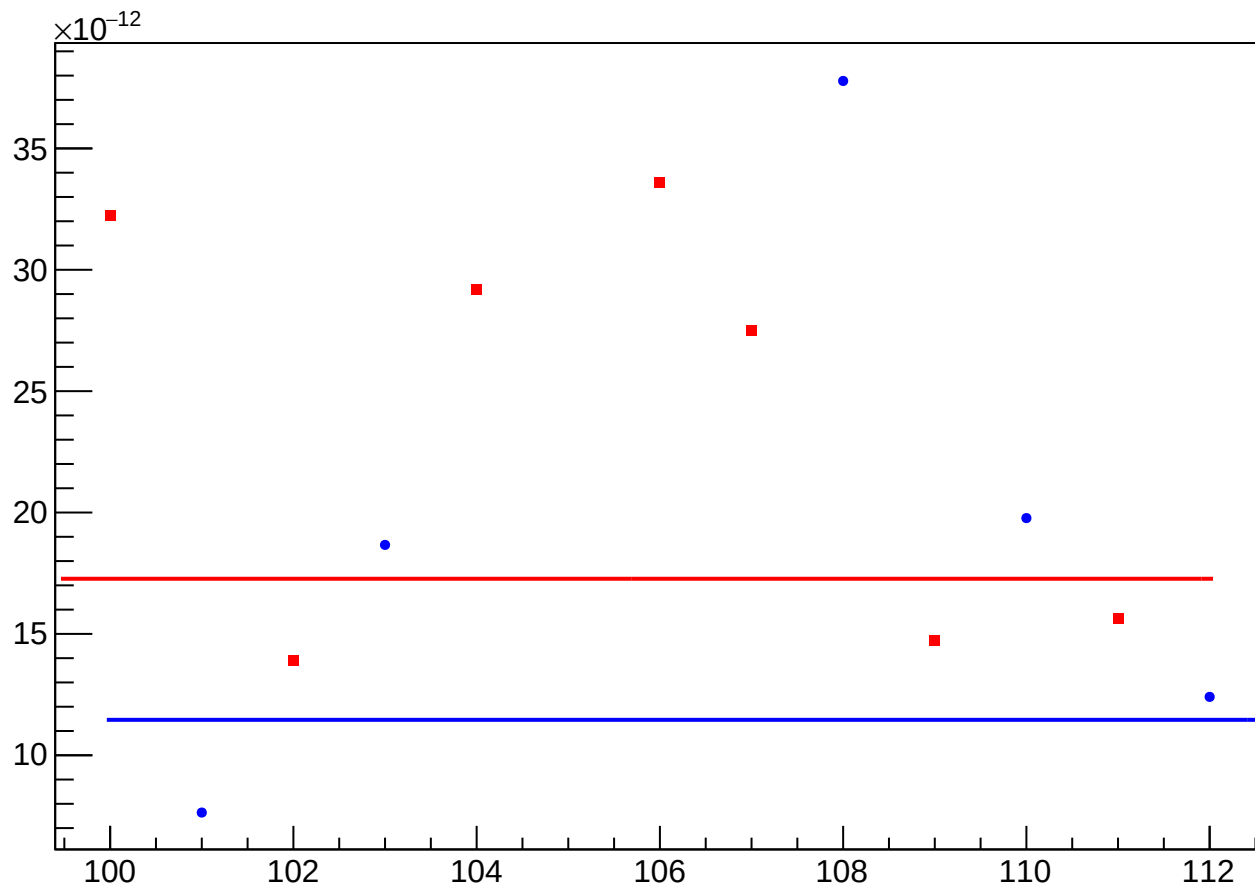
Right: 0.000+/-0.000 χ^2/NDF : 5.9/11

In: 0.000+/-0.000 χ^2/NDF : 3.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5.9/11

asym_sam7_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 591342.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 347190.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

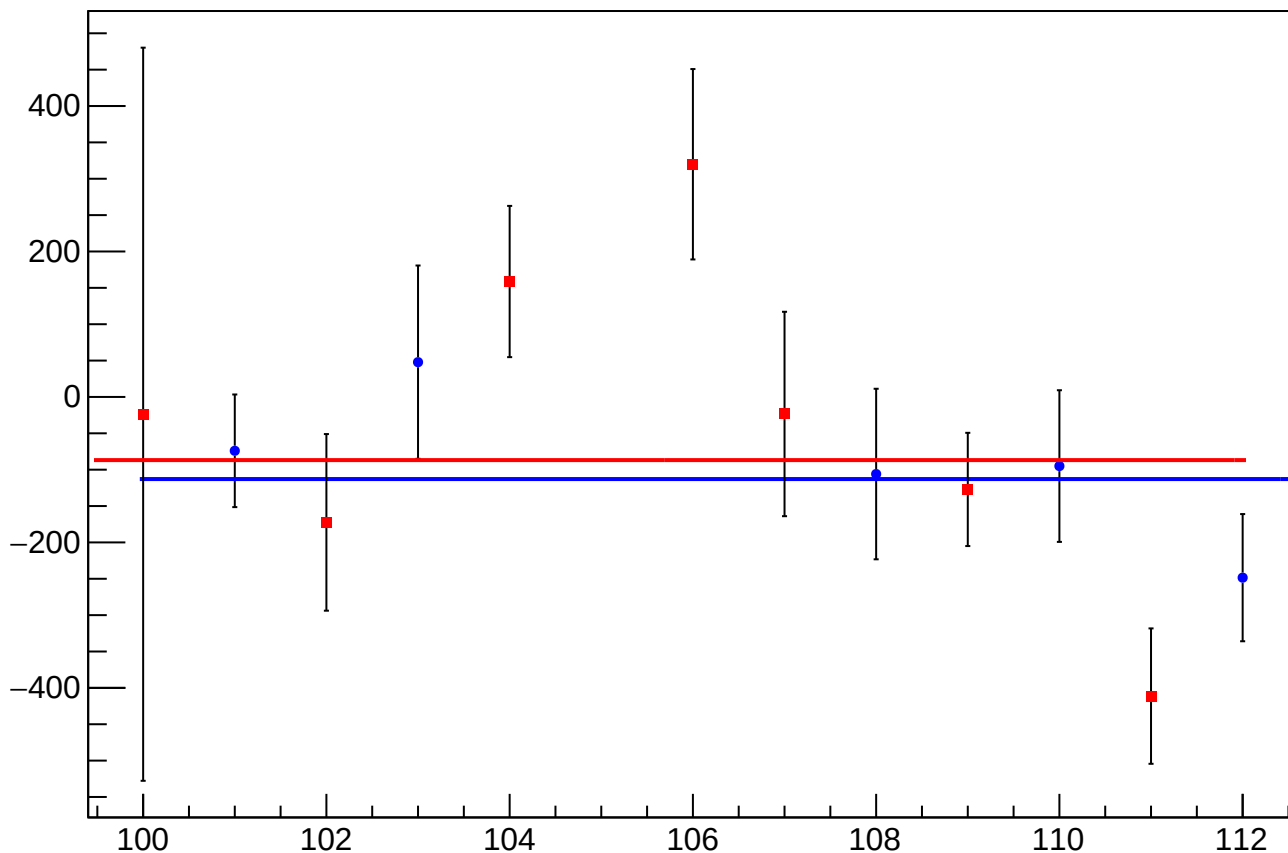
Right: 0.000+/-0.000 χ^2/NDF : 1154336.4/11

In: 0.000+/-0.000 χ^2/NDF : 591342.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1154336.4/11

reg_asym_sam8_mean vs Slug, Sign Corrected



Right In: -112.897 $\pm$ 43.897 χ^2 /NDF: 4.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -86.835 $\pm$ 42.496 χ^2 /NDF: 28.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

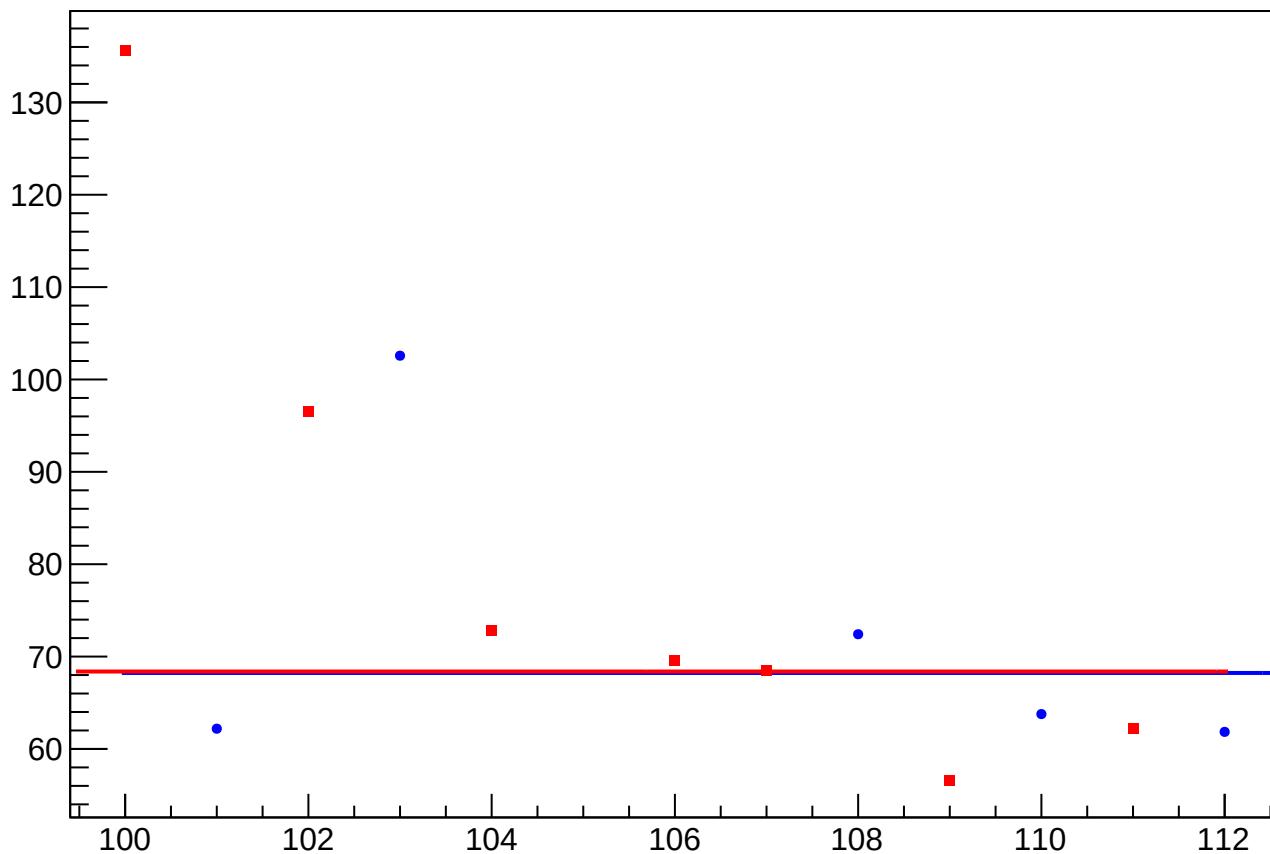
Right: -99.443 $\pm$ 30.533 χ^2 /NDF: 32.7/11

In: -112.897 $\pm$ 43.897 χ^2 /NDF:4.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -99.443 $\pm$ 30.533 χ^2 /NDF: 32.7/11

reg_asym_sam8_rms vs Slug, Sign Corrected



Right In: 68.227+/-0.031 χ^2/NDF : 162642.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.383+/-0.030 χ^2/NDF : 201542.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

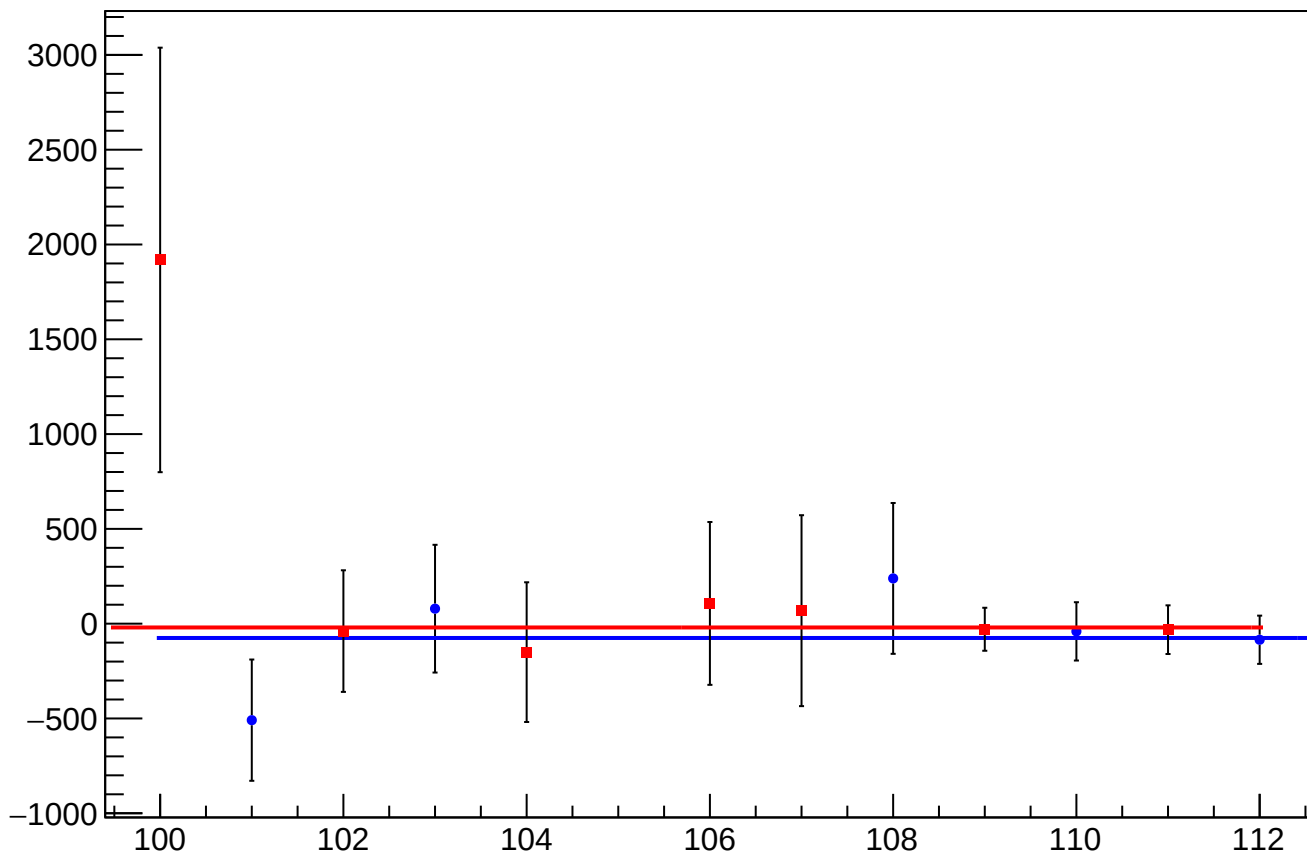
Right: 68.307+/-0.022 χ^2/NDF : 364198.1/11

In: 68.227+/-0.031 χ^2/NDF : 162642.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.307+/-0.022 χ^2/NDF : 364198.1/11

asym_sam8_reg_correction_mean vs Slug, Sign Corrected



Right In: -75.476 ± 88.066 χ^2/NDF : 2.7/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -20.055 ± 77.680 χ^2/NDF : 3.3/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

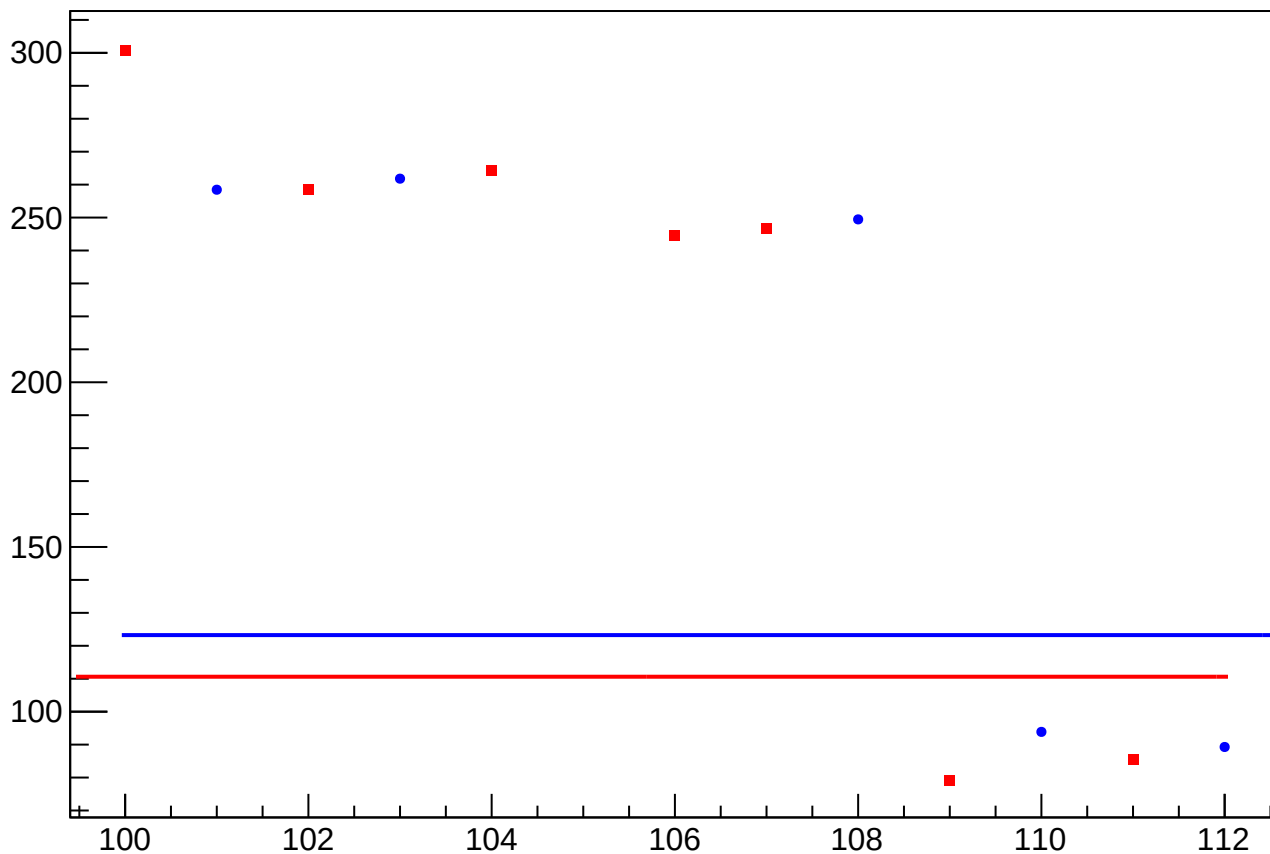
Right: -44.306 ± 58.256 χ^2/NDF : 6.2/11

In: -75.476 ± 88.066 χ^2/NDF : 2.7/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -44.306 ± 58.256 χ^2/NDF : 6.2/11

asym_sam8_reg_correction_rms vs Slug, Sign Corrected



Right In: 123.248+/-0.062 χ^2/NDF : 1112457.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.611+/-0.055 χ^2/NDF : 1402675.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

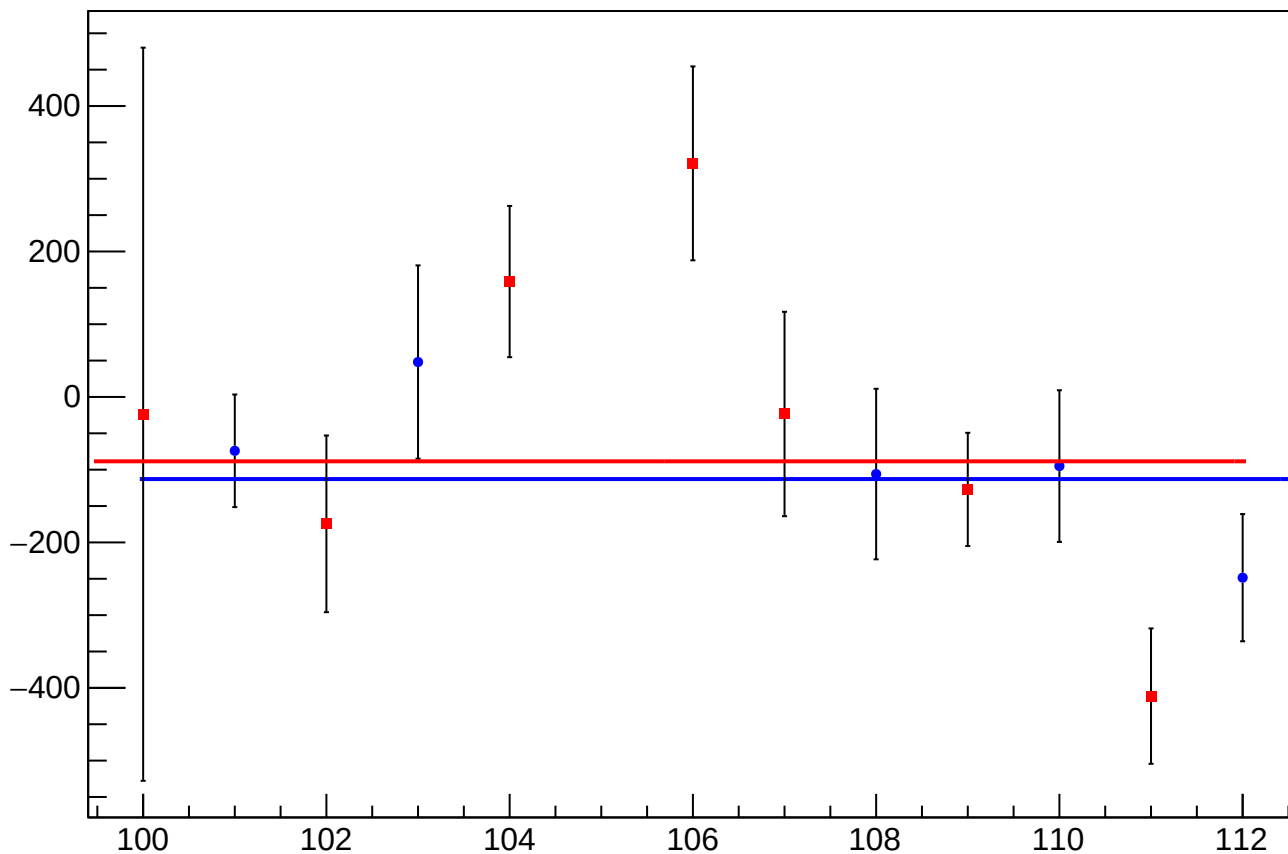
Right: 116.141+/-0.041 χ^2/NDF : 2538292.6/11

In: 123.248+/-0.062 χ^2/NDF : 1112457.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.141+/-0.041 χ^2/NDF : 2538292.6/11

cor_asym_sam8_mean vs Slug, Sign Corrected



Right In: -112.890 ± 43.897 χ^2/NDF : 4.2/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -88.505 ± 42.579 χ^2/NDF : 28.1/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

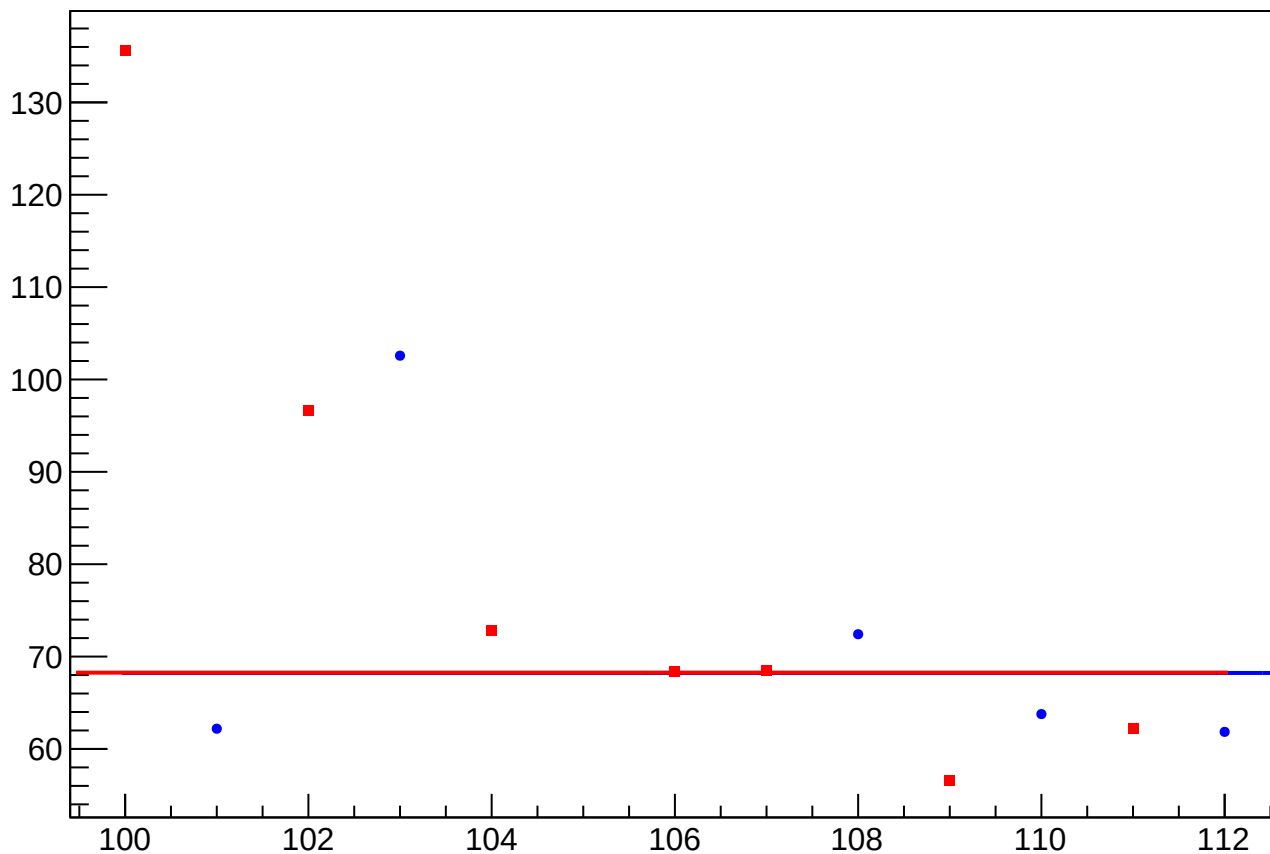
Right: -100.326 ± 30.563 χ^2/NDF : 32.4/11

In: -112.890 ± 43.897 χ^2/NDF : 4.2/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -100.326 ± 30.563 χ^2/NDF : 32.4/11

cor_asym_sam8_rms vs Slug, Sign Corrected



Right In: 68.227+/-0.031 χ^2/NDF : 162644.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.261+/-0.030 χ^2/NDF : 201533.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

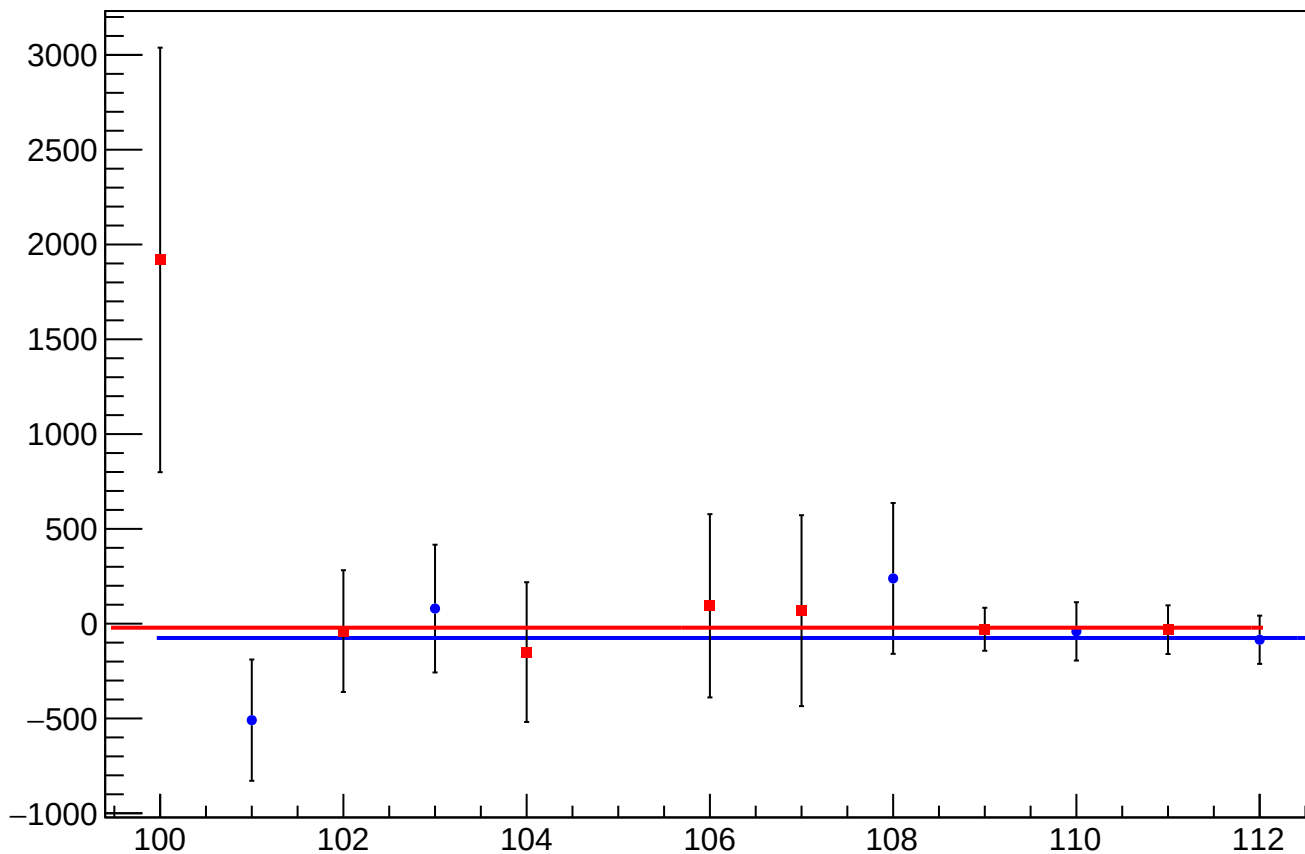
Right: 68.244+/-0.022 χ^2/NDF : 364178.9/11

In: 68.227+/-0.031 χ^2/NDF : 162644.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.244+/-0.022 χ^2/NDF : 364178.9/11

asym_sam8_cor_correction_mean vs Slug, Sign Corrected



Right In: -75.448 ± 88.067 χ^2/NDF : 2.7/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -21.232 ± 77.954 χ^2/NDF : 3.2/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

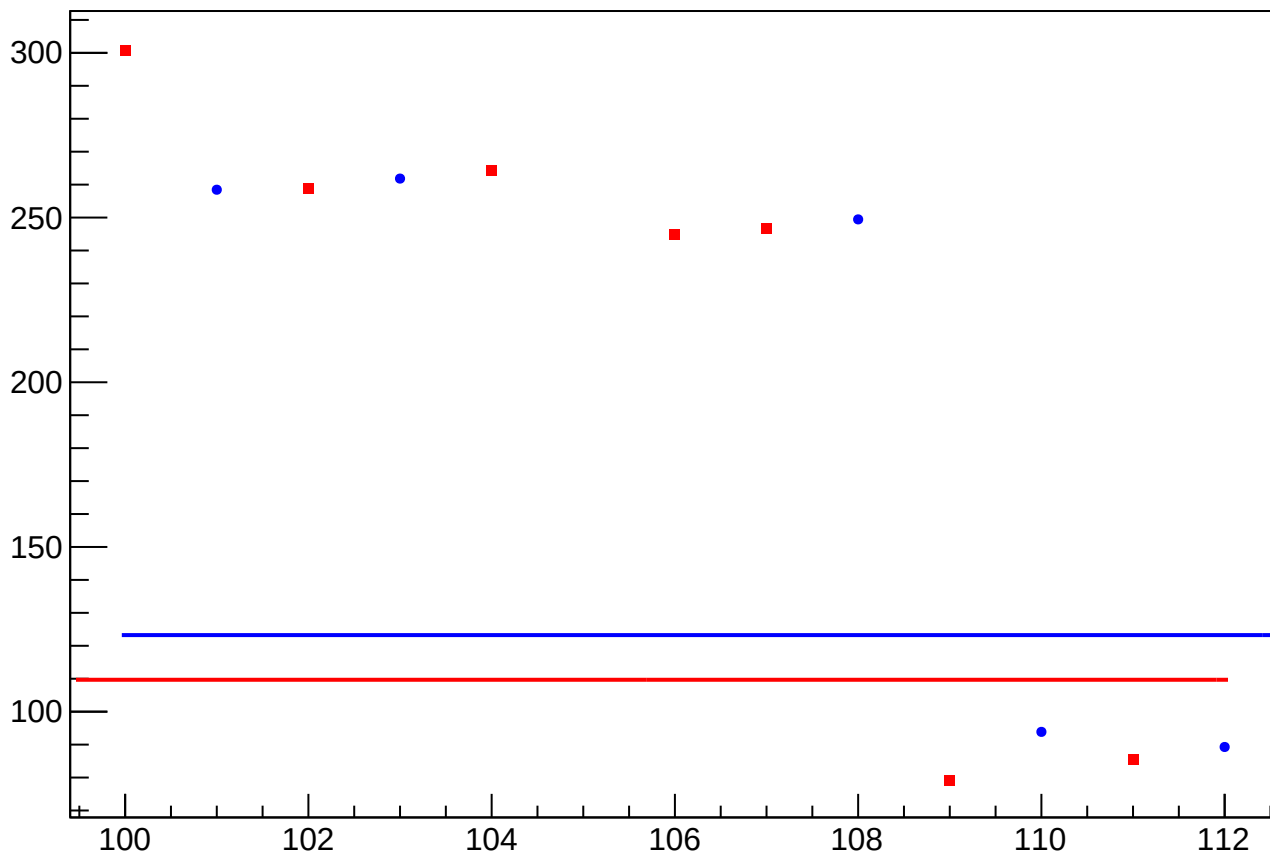
Right: -45.050 ± 58.371 χ^2/NDF : 6.2/11

In: -75.448 ± 88.067 χ^2/NDF : 2.7/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -45.050 ± 58.371 χ^2/NDF : 6.2/11

asym_sam8_cor_correction_rms vs Slug, Sign Corrected



Right In: 123.248+/-0.062 χ^2/NDF : 1112510.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.684+/-0.055 χ^2/NDF : 1362617.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

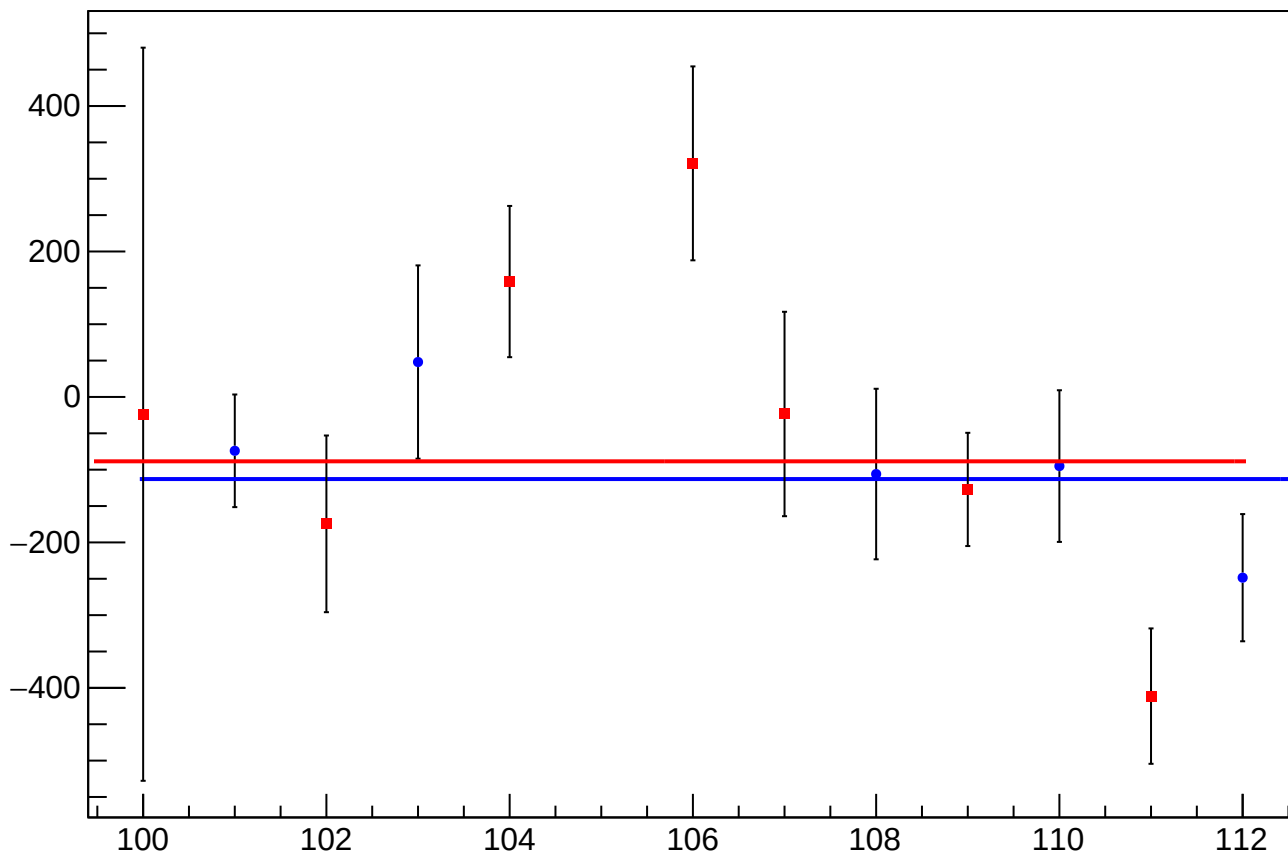
Right: 115.643+/-0.041 χ^2/NDF : 2501727.1/11

In: 123.248+/-0.062 χ^2/NDF : 1112510.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.643+/-0.041 χ^2/NDF : 2501727.1/11

eigen_cor_asym_sam8_mean vs Slug, Sign Corrected



Right In: -112.890 ± 43.897 χ^2/NDF : 4.2/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -88.505 ± 42.579 χ^2/NDF : 28.1/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

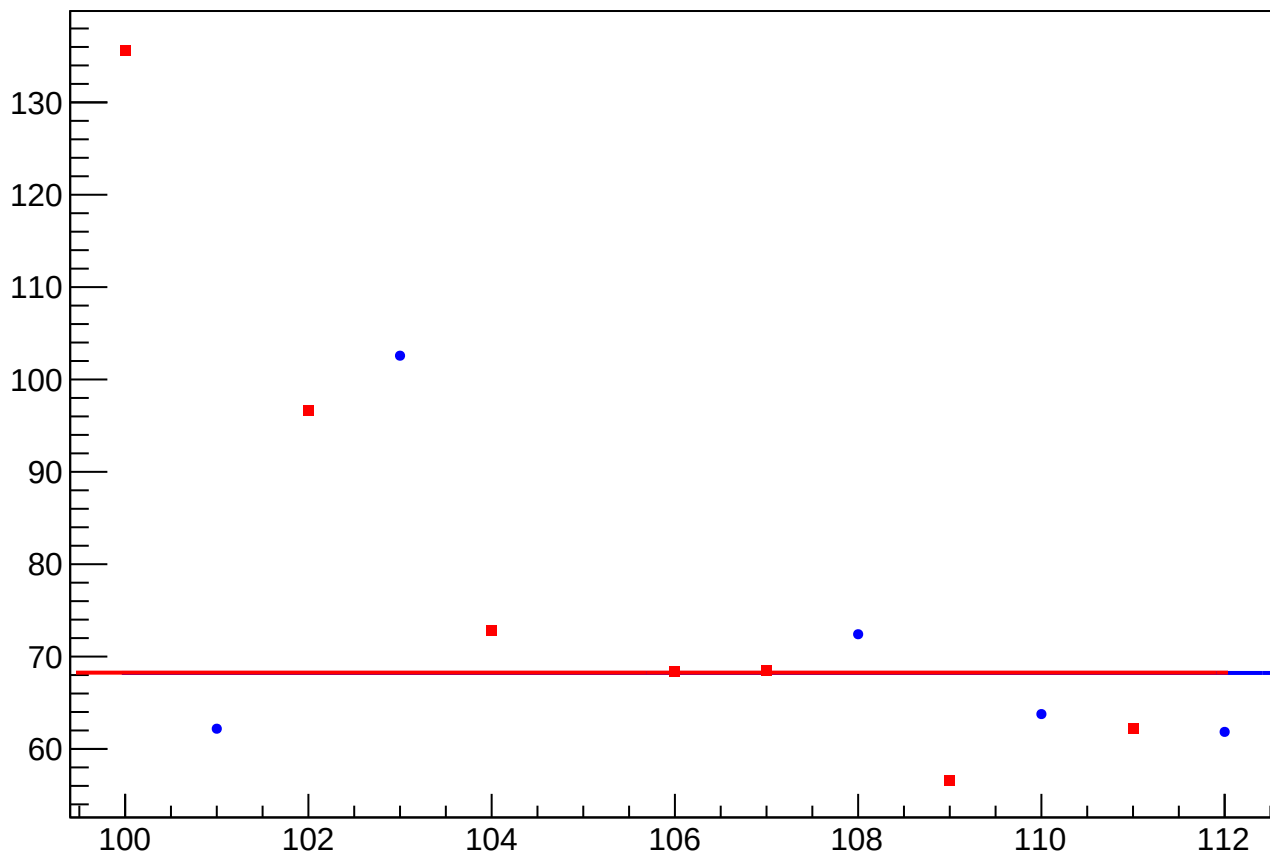
Right: -100.326 ± 30.563 χ^2/NDF : 32.4/11

In: -112.890 ± 43.897 χ^2/NDF : 4.2/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -100.326 ± 30.563 χ^2/NDF : 32.4/11

eigen_cor_asym_sam8_rms vs Slug, Sign Corrected



Right In: 68.227 $\pm$ 0.031 χ^2 /NDF: 162644.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 68.261 $\pm$ 0.030 χ^2 /NDF: 201533.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

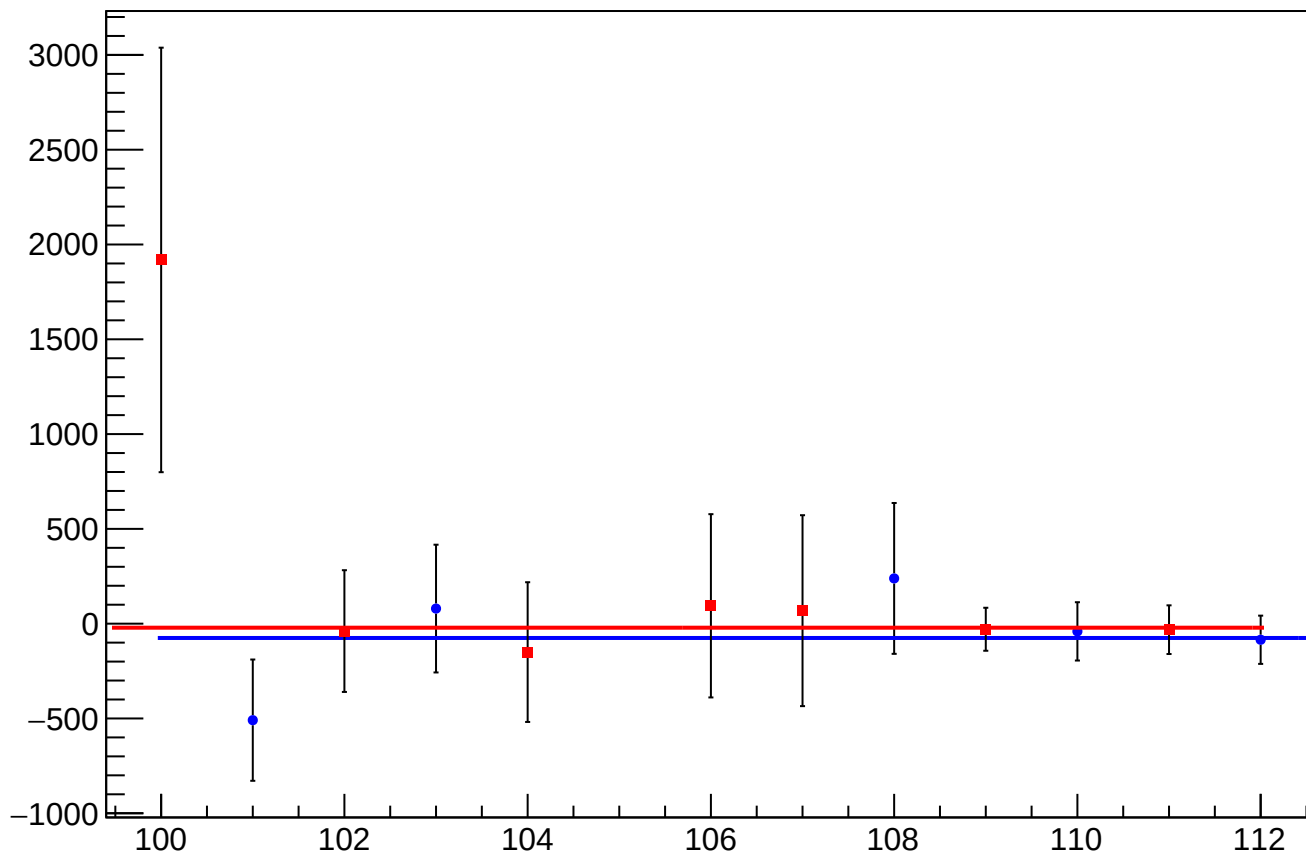
Right: 68.244 $\pm$ 0.022 χ^2 /NDF: 364178.9/11

In: 68.227 $\pm$ 0.031 χ^2 /NDF:162644.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 68.244 $\pm$ 0.022 χ^2 /NDF: 364178.9/11

asym_sam8_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -75.448 $\pm$ 88.067 χ^2 /NDF: 2.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -21.232 $\pm$ 77.954 χ^2 /NDF: 3.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

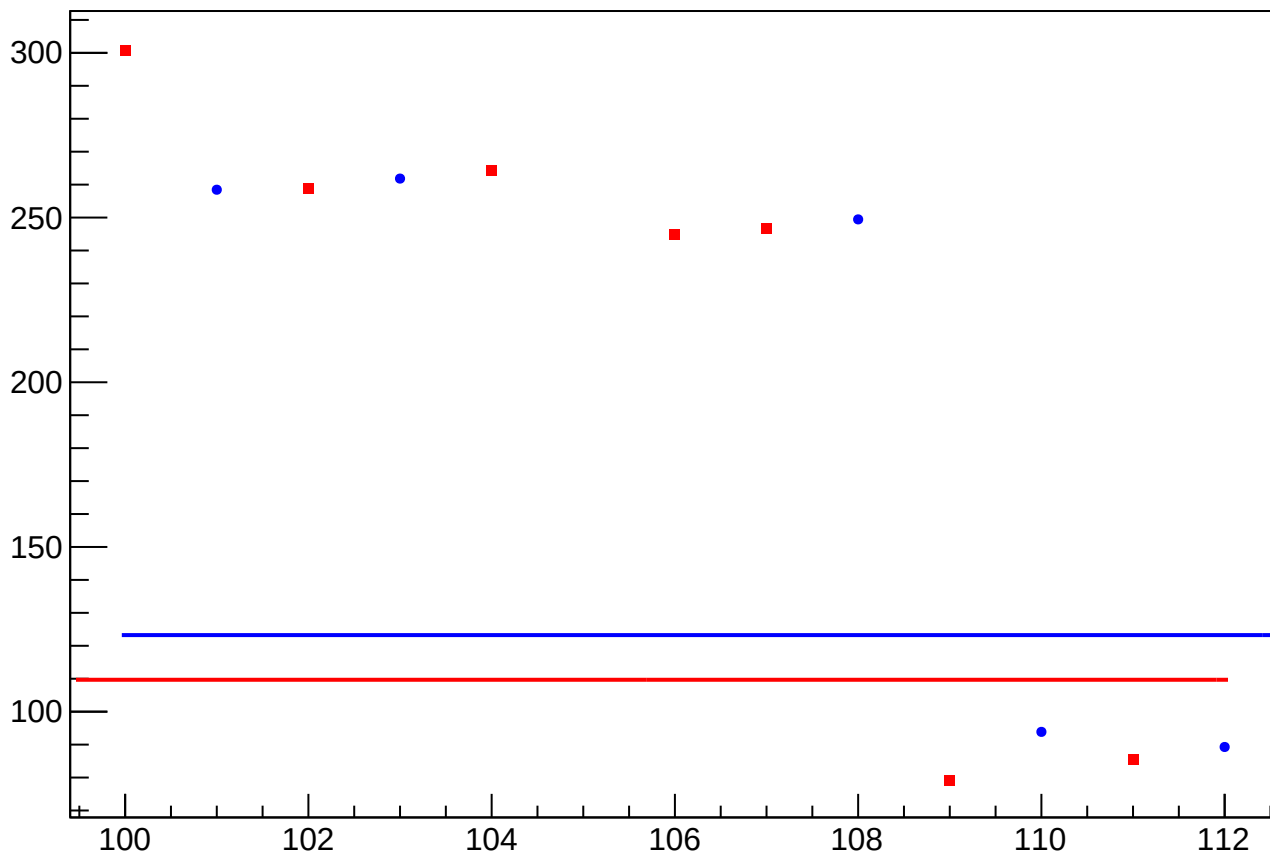
Right: -45.050 $\pm$ 58.371 χ^2 /NDF: 6.2/11

In: -75.448 $\pm$ 88.067 χ^2 /NDF:2.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -45.050 $\pm$ 58.371 χ^2 /NDF: 6.2/11

asym_sam8_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 123.248+/-0.062 χ^2/NDF : 1112510.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.684+/-0.055 χ^2/NDF : 1362617.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

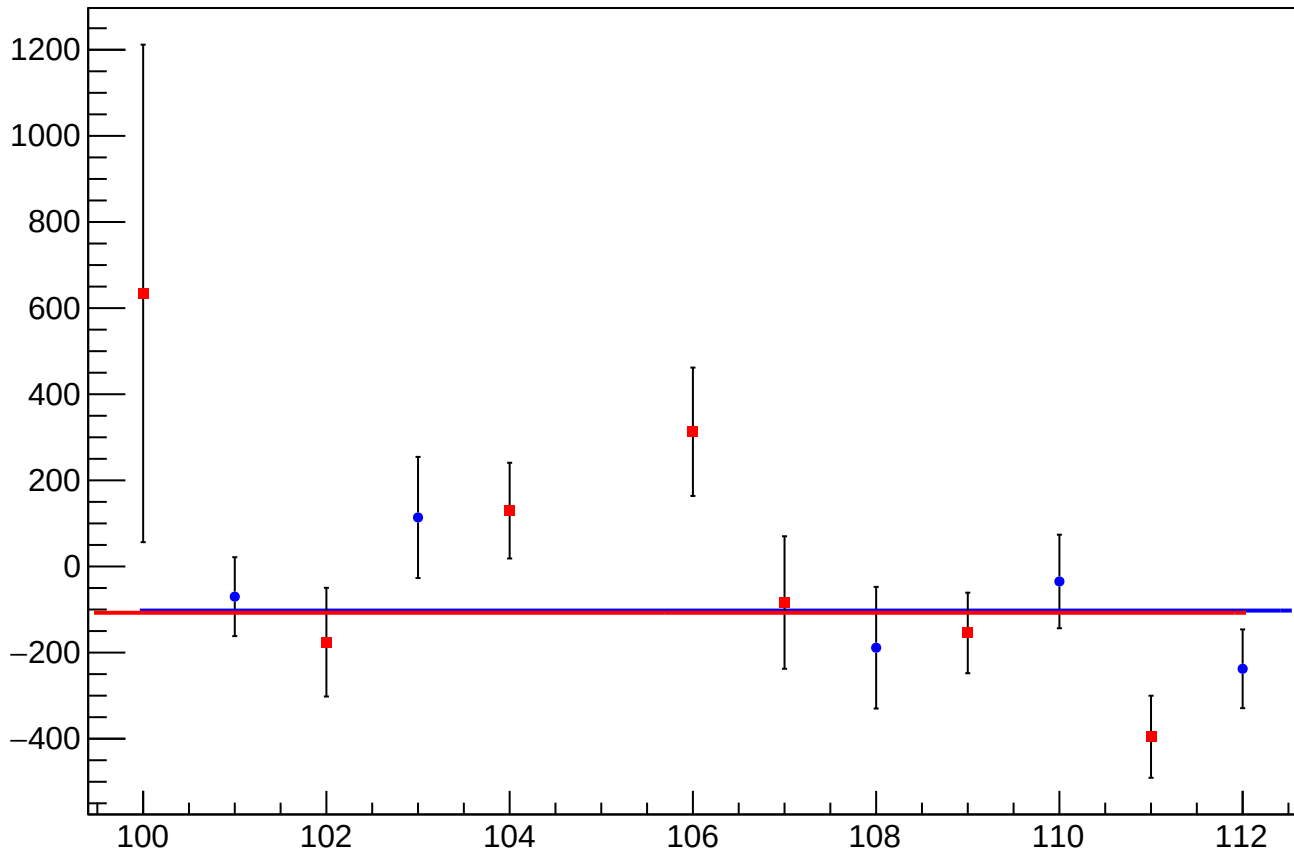
Right: 115.643+/-0.041 χ^2/NDF : 2501727.1/11

In: 123.248+/-0.062 χ^2/NDF : 1112510.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.643+/-0.041 χ^2/NDF : 2501727.1/11

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -102.398+/-48.551 χ^2/NDF : 5.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -107.474+/-46.709 χ^2/NDF : 23.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

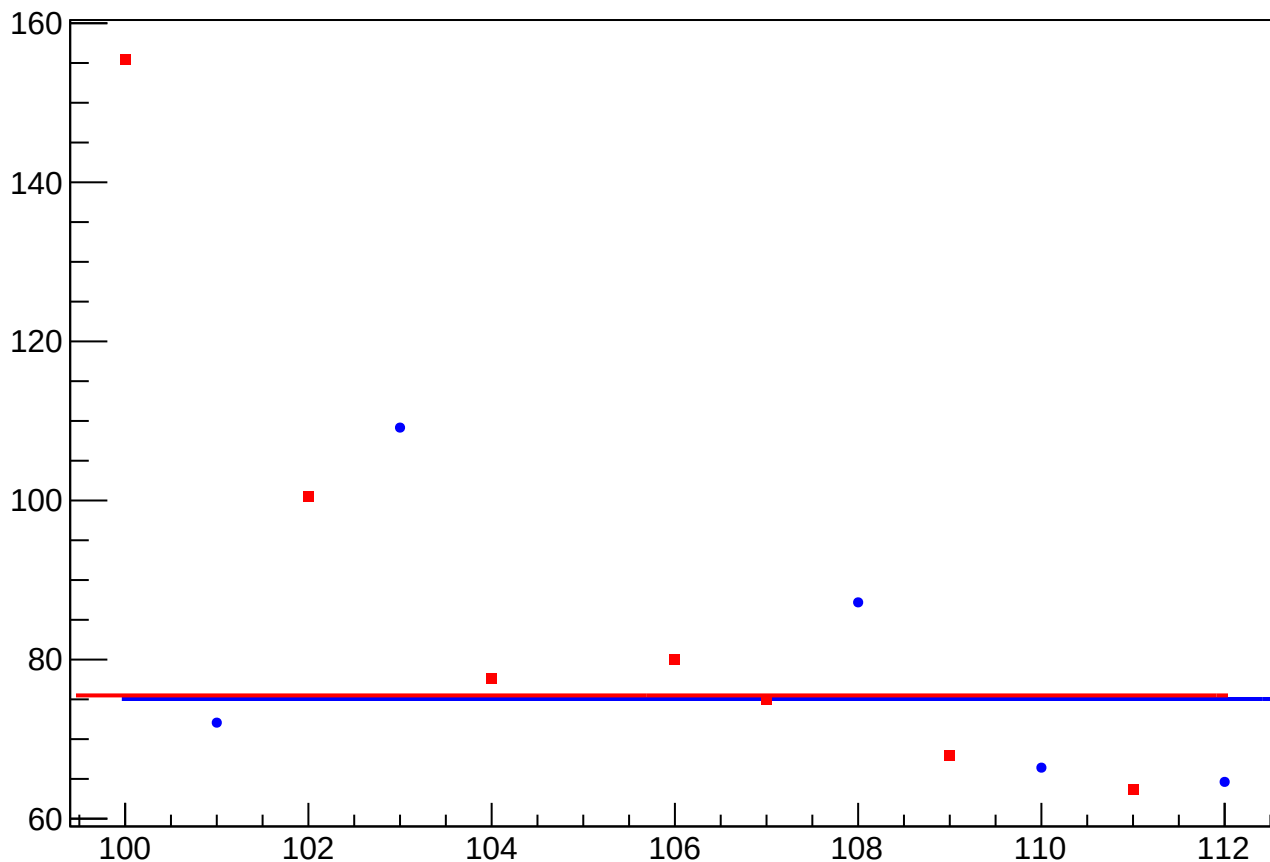
Right: -105.034+/-33.661 χ^2/NDF : 29.3/11

In: -102.398+/-48.551 χ^2/NDF : 5.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -105.034+/-33.661 χ^2/NDF : 29.3/11

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 75.046+/-0.034 χ^2/NDF : 173106.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.495+/-0.033 χ^2/NDF : 162752.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

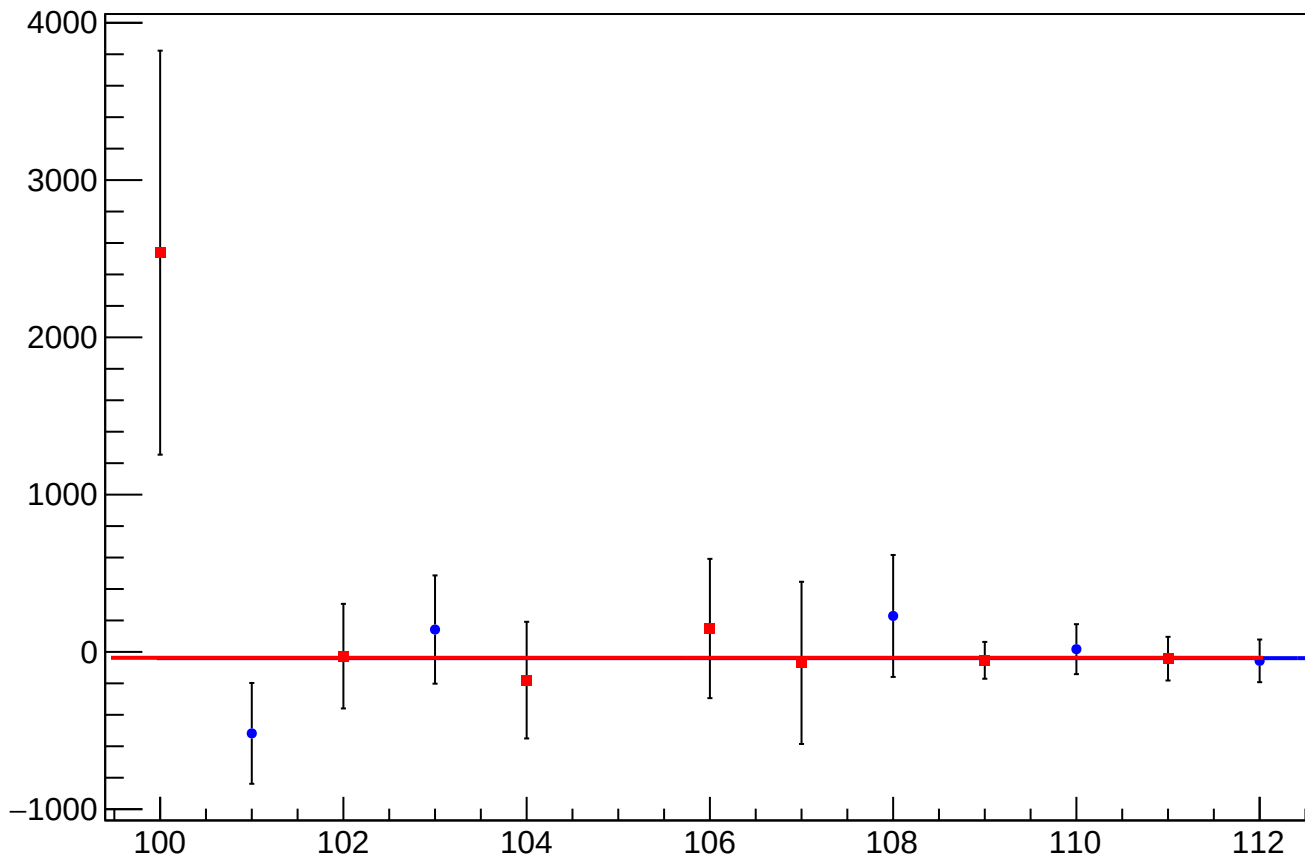
Right: 75.279+/-0.024 χ^2/NDF : 335948.0/11

In: 75.046+/-0.034 χ^2/NDF : 173106.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.279+/-0.024 χ^2/NDF : 335948.0/11

asym_sam8_dit_correction_mean vs Slug, Sign Corrected



Right In: -39.762 ± 91.721 χ^2/NDF : 3.1/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -37.497 ± 81.519 χ^2/NDF : 4.4/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

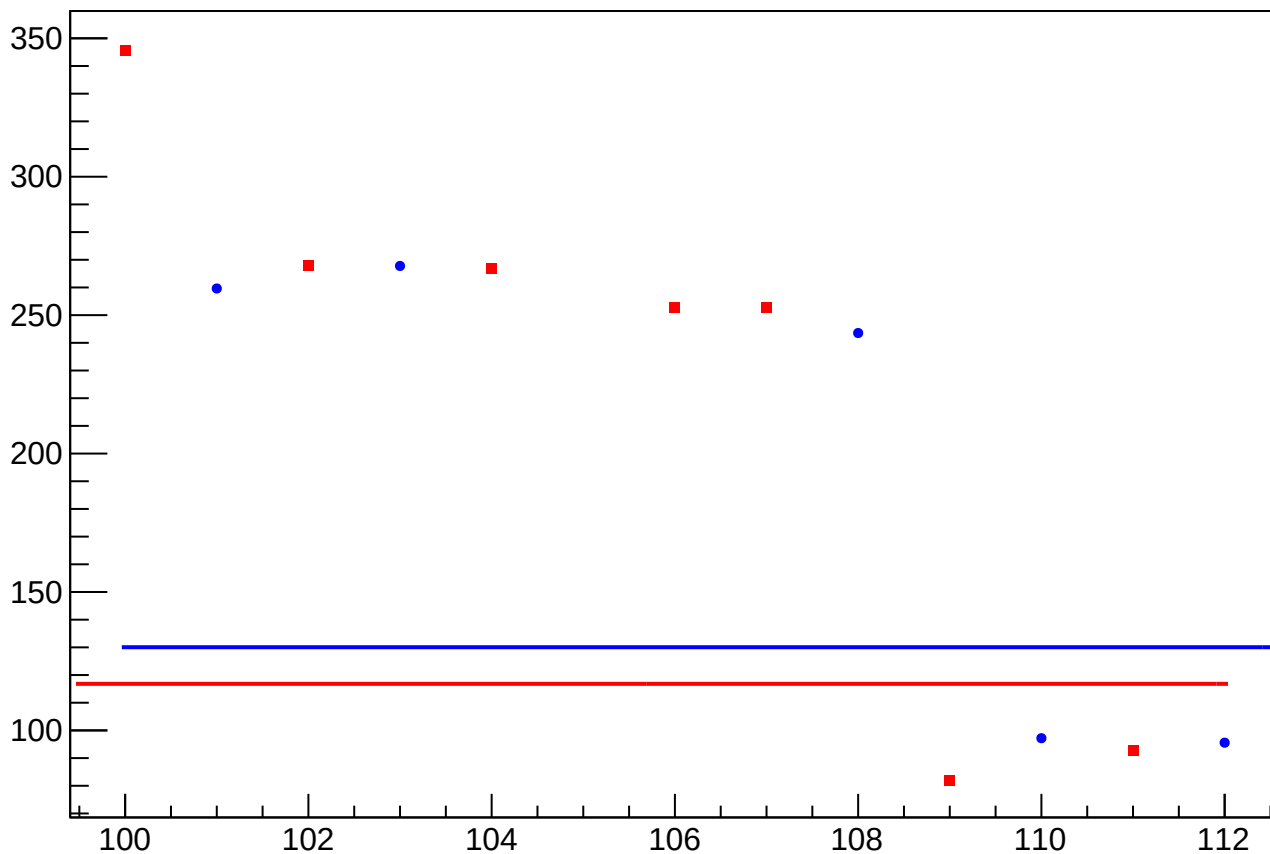
Right: -38.497 ± 60.932 χ^2/NDF : 7.5/11

In: -39.762 ± 91.721 χ^2/NDF : 3.1/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -38.497 ± 60.932 χ^2/NDF : 7.5/11

asym_sam8_dit_correction_rms vs Slug, Sign Corrected



Right In: 130.047+/-0.065 χ^2/NDF : 1033353.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 116.824+/-0.058 χ^2/NDF : 1370202.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

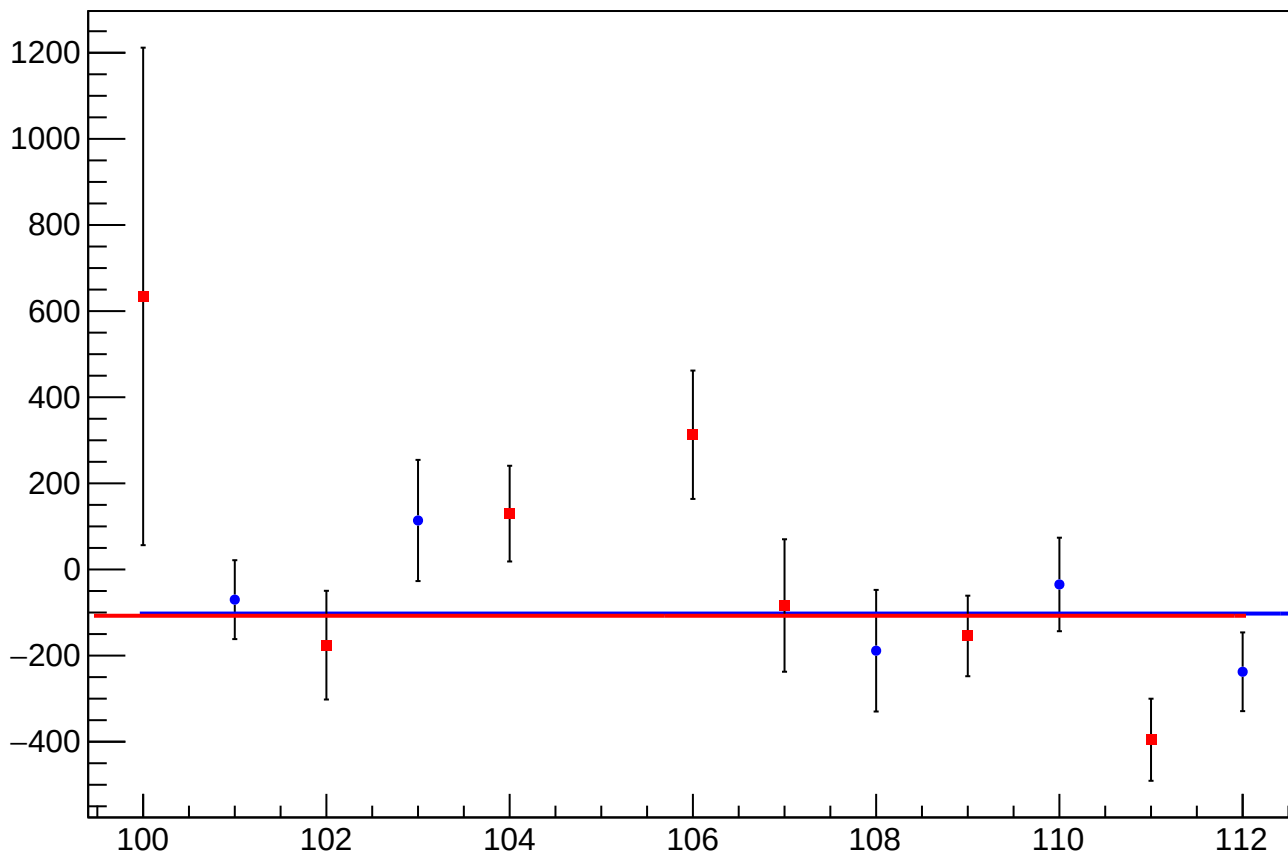
Right: 122.660+/-0.043 χ^2/NDF : 2426776.8/11

In: 130.047+/-0.065 χ^2/NDF : 1033353.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.660+/-0.043 χ^2/NDF : 2426776.8/11

eigen_dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -102.396 $\pm$ 48.551 χ^2 /NDF: 5.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -107.476 $\pm$ 46.709 χ^2 /NDF: 23.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

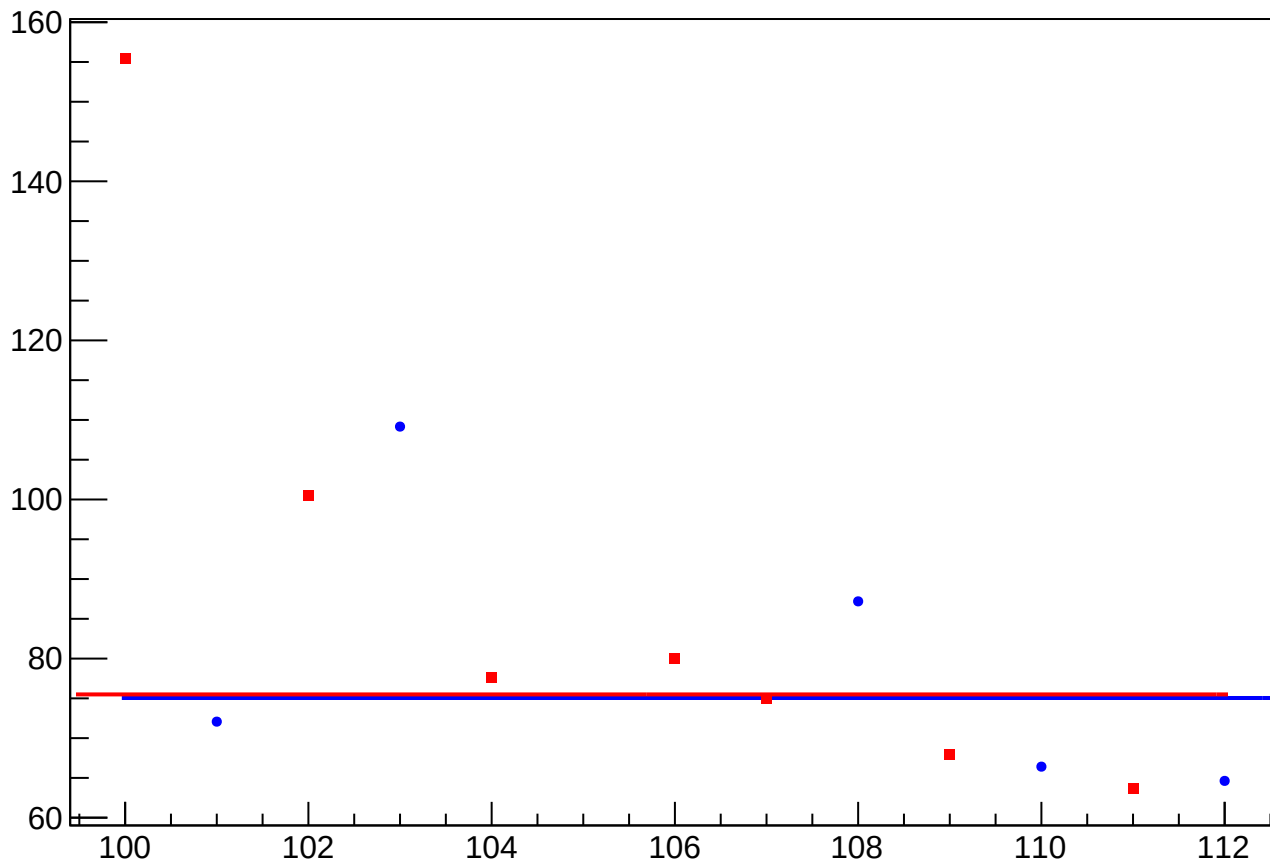
Right: -105.034 $\pm$ 33.661 χ^2 /NDF: 29.3/11

In: -102.396 $\pm$ 48.551 χ^2 /NDF:5.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -105.034 $\pm$ 33.661 χ^2 /NDF: 29.3/11

eigen_dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 75.046 $\pm$ 0.034 χ^2 /NDF: 173107.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 75.495 $\pm$ 0.033 χ^2 /NDF: 162753.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

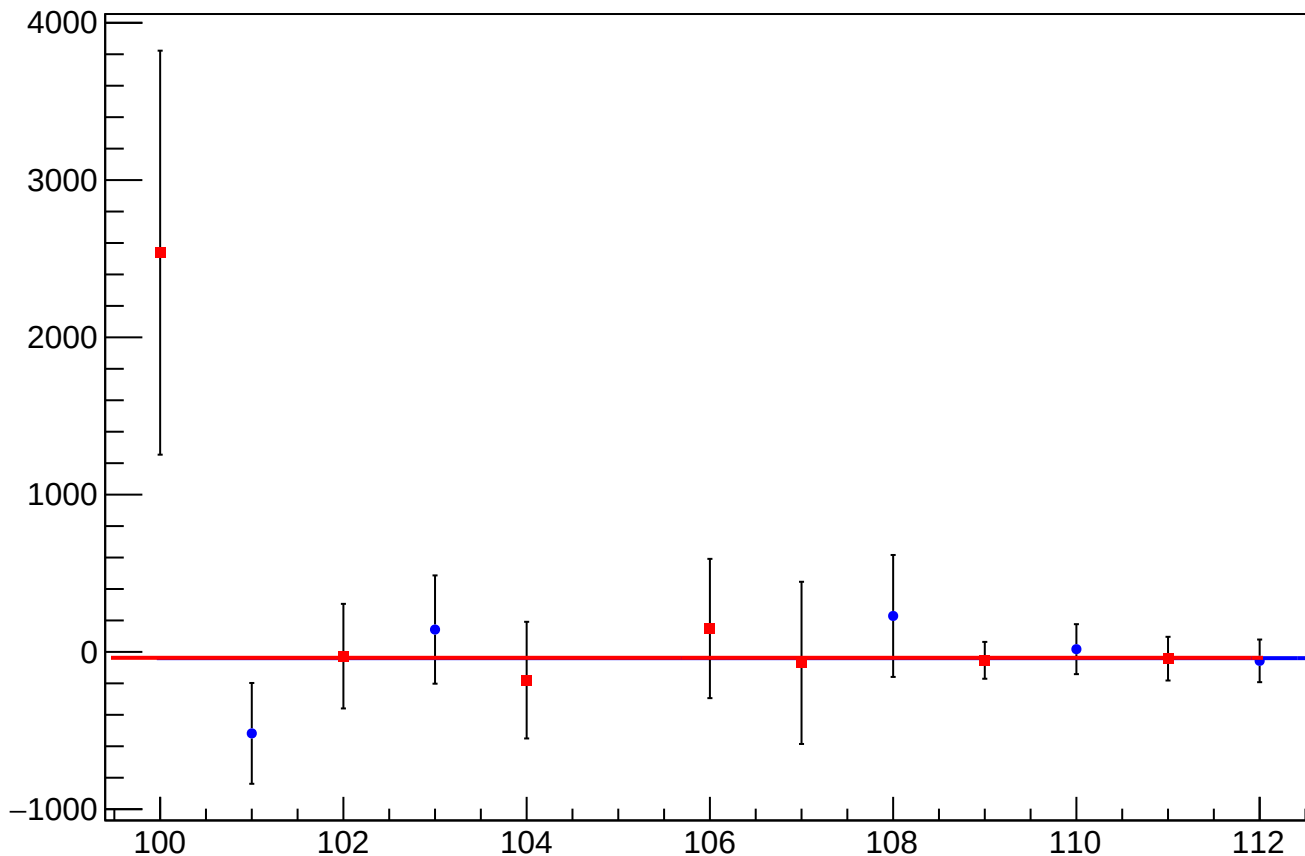
Right: 75.279 $\pm$ 0.024 χ^2 /NDF: 335950.1/11

In: 75.046 $\pm$ 0.034 χ^2 /NDF:173107.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 75.279 $\pm$ 0.024 χ^2 /NDF: 335950.1/11

asym_sam8_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -39.762 ± 91.720 χ^2/NDF : 3.1/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -37.498 ± 81.519 χ^2/NDF : 4.4/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

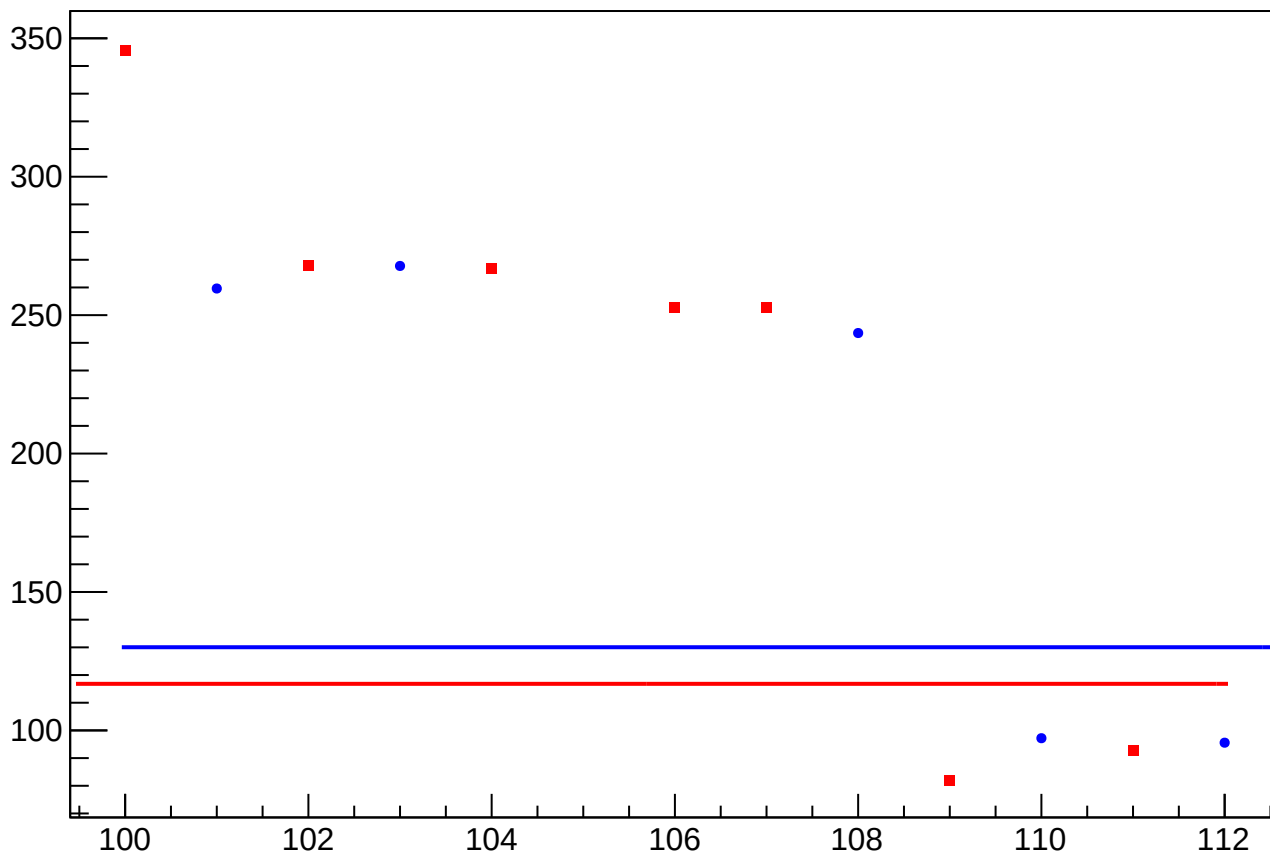
Right: -38.497 ± 60.931 χ^2/NDF : 7.5/11

In: -39.762 ± 91.720 χ^2/NDF : 3.1/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -38.497 ± 60.931 χ^2/NDF : 7.5/11

asym_sam8_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 130.046+/-0.065 χ^2/NDF : 1033354.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 116.825+/-0.058 χ^2/NDF : 1370185.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

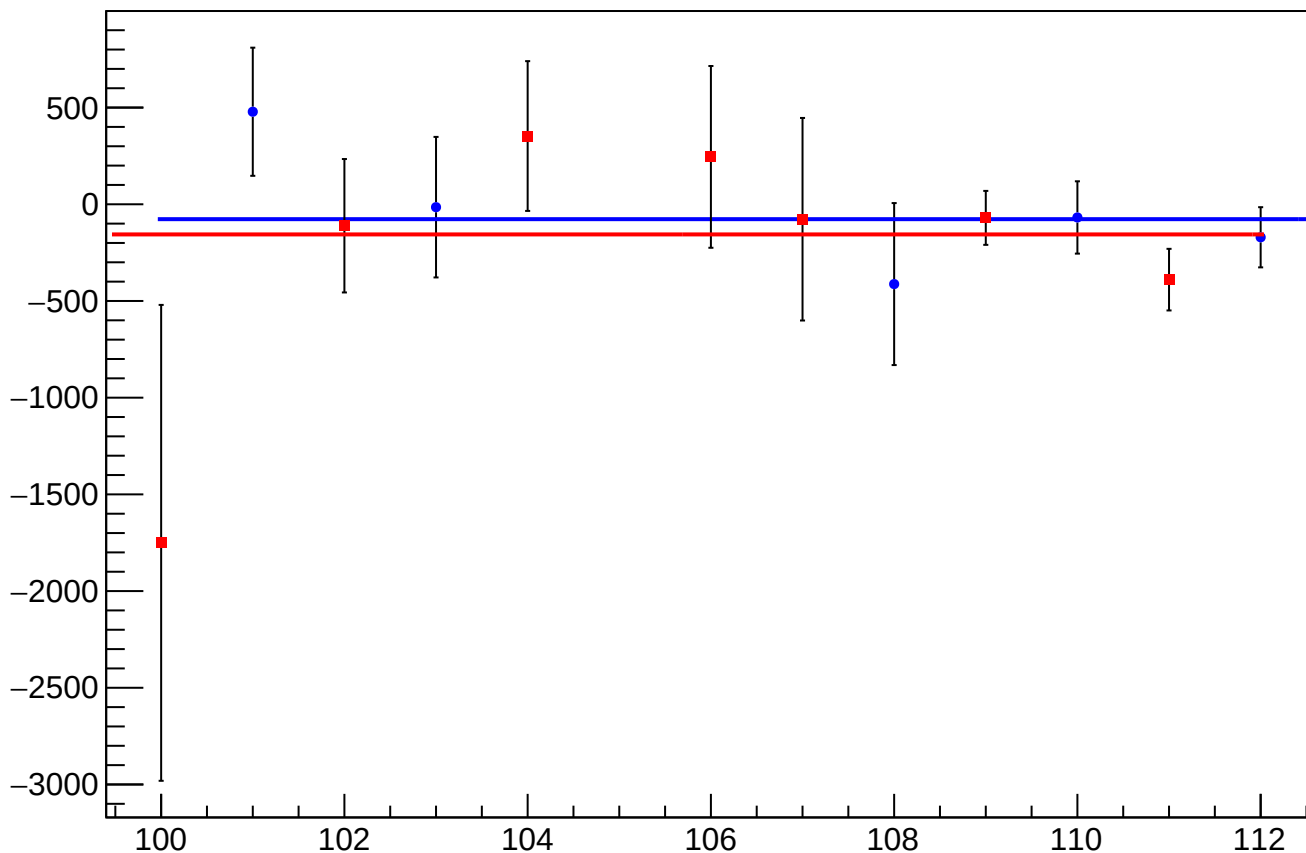
Right: 122.659+/-0.043 χ^2/NDF : 2426756.2/11

In: 130.046+/-0.065 χ^2/NDF : 1033354.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.659+/-0.043 χ^2/NDF : 2426756.2/11

asym_sam8_mean vs Slug, Sign Corrected



Right In: -76.984 ± 104.086 χ^2/NDF : 3.8/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -155.865 ± 93.362 χ^2/NDF : 6.7/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

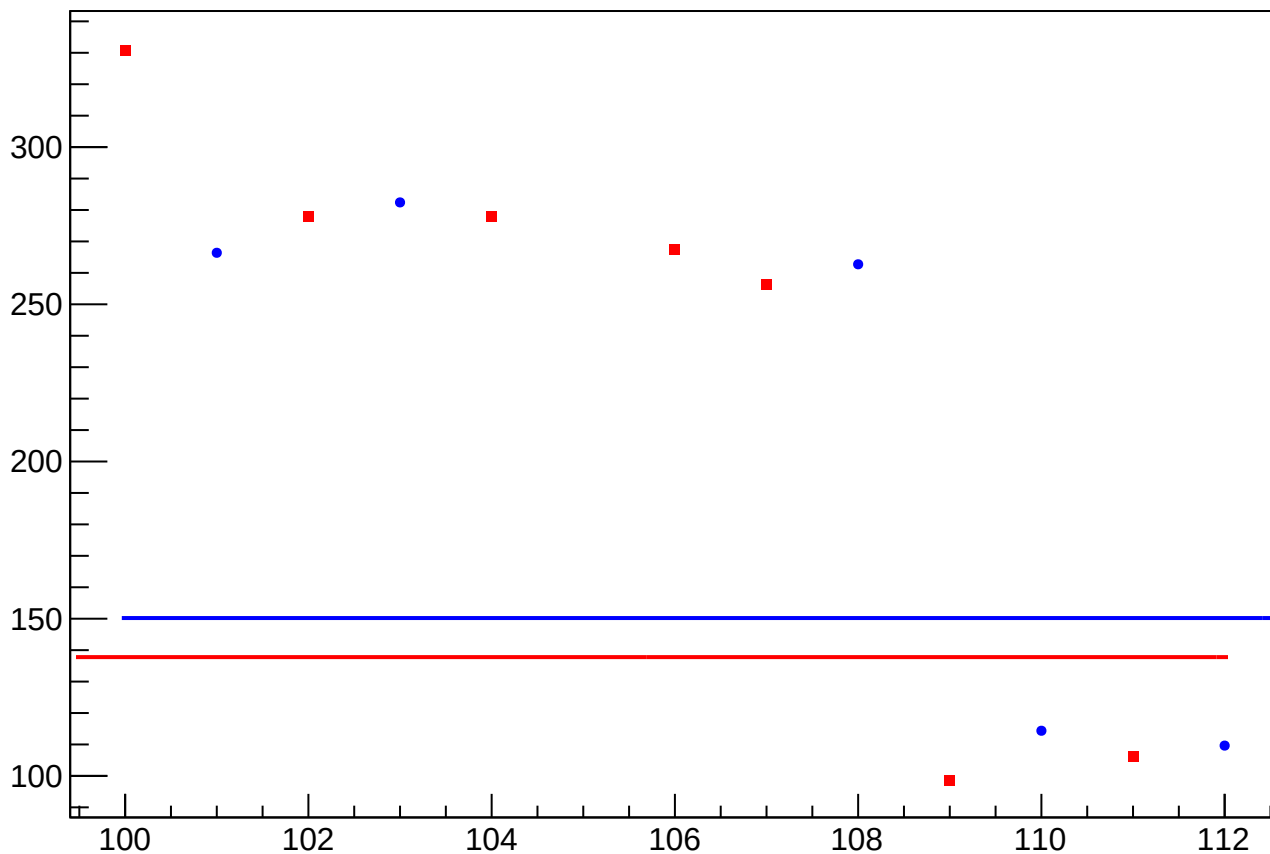
Right: -120.696 ± 69.500 χ^2/NDF : 10.9/11

In: -76.984 ± 104.086 χ^2/NDF : 3.8/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -120.696 ± 69.500 χ^2/NDF : 10.9/11

asym_sam8_rms vs Slug, Sign Corrected



Right In: 150.211+/-0.074 χ^2/NDF : 864656.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 137.784+/-0.066 χ^2/NDF : 1133324.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

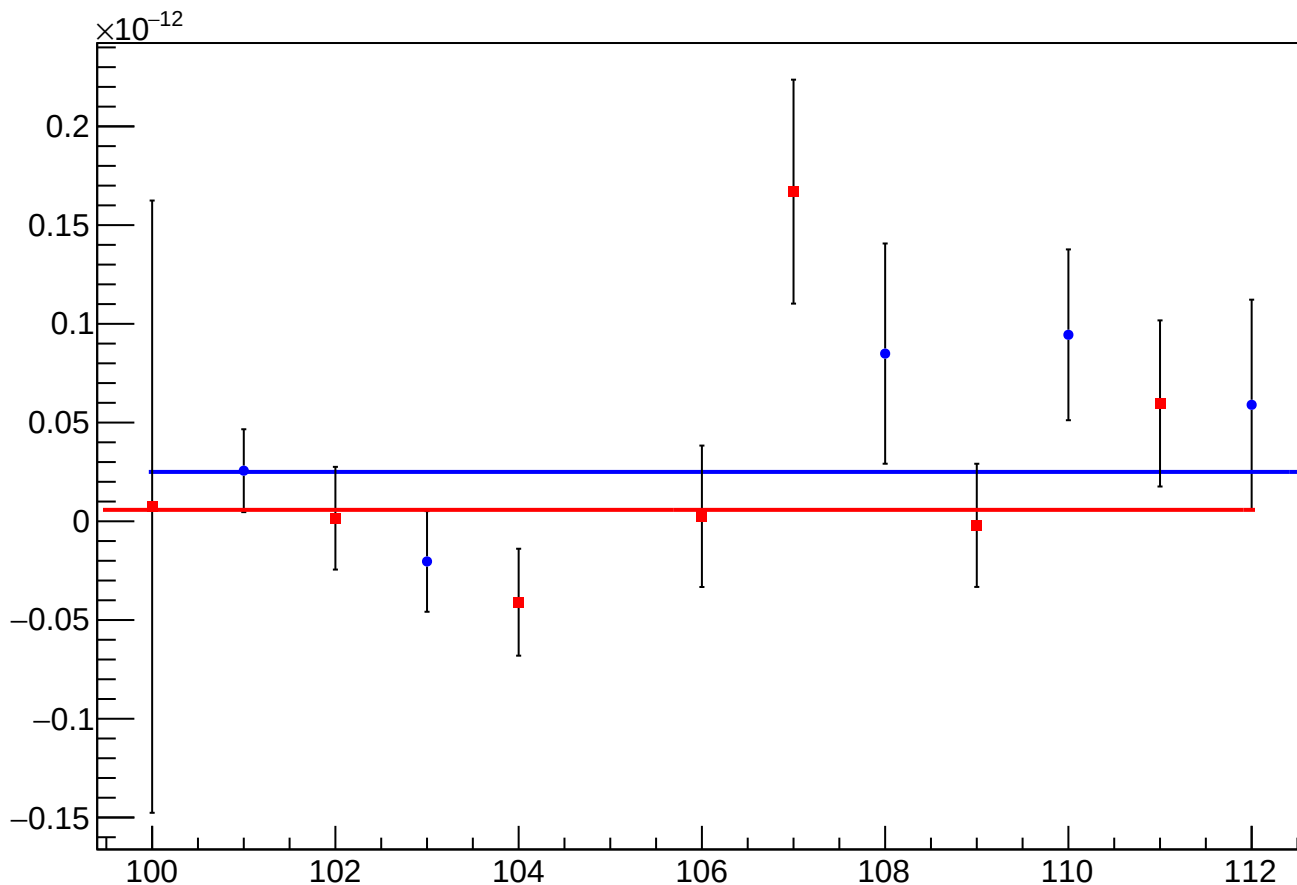
Right: 143.324+/-0.049 χ^2/NDF : 2013780.9/11

In: 150.211+/-0.074 χ^2/NDF : 864656.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.324+/-0.049 χ^2/NDF : 2013780.9/11

asym_sam8_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

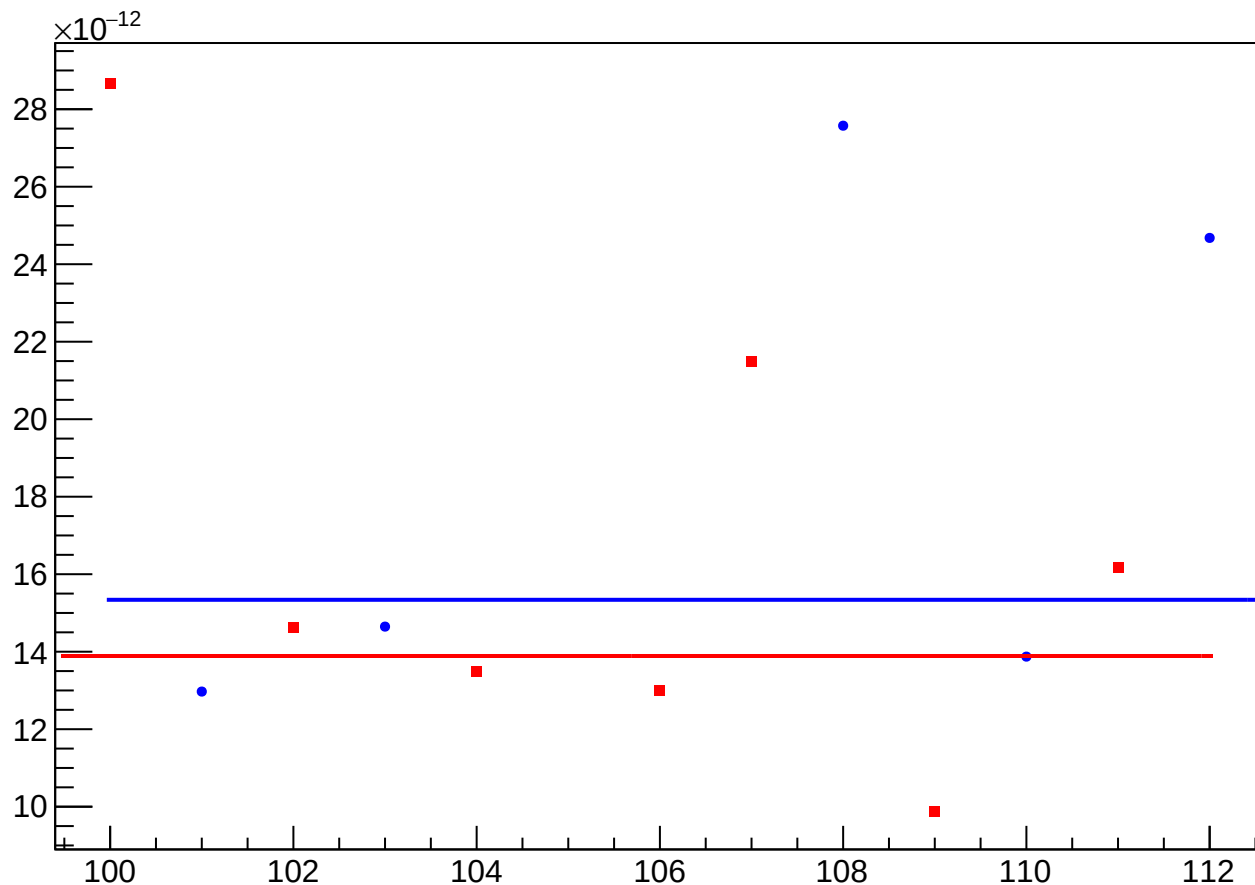
Right: 0.000+/-0.000 χ^2/NDF : 21.1/11

In: 0.000+/-0.000 χ^2/NDF : 7.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.1/11

asym_sam8_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 187035.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 96614.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

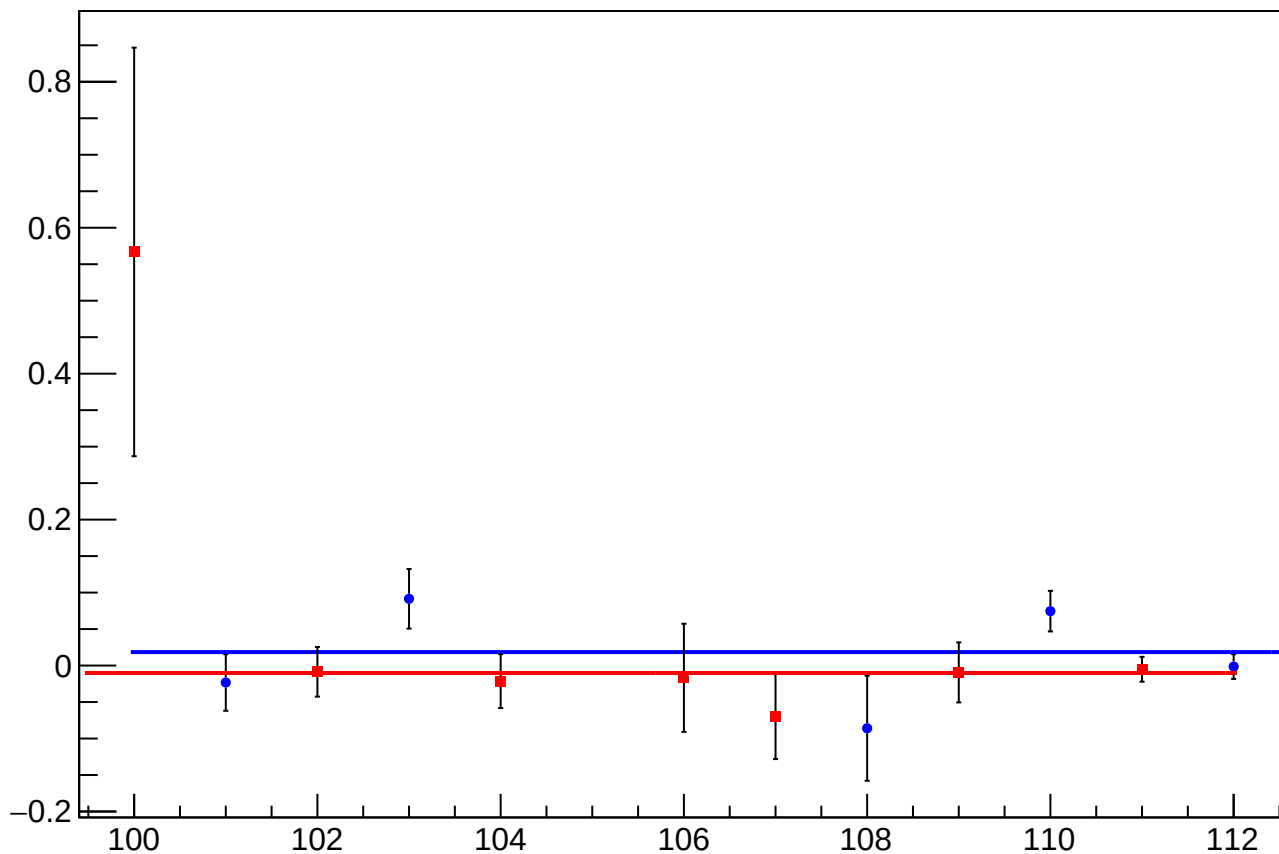
Right: 0.000+/-0.000 χ^2/NDF : 294752.4/11

In: 0.000+/-0.000 χ^2/NDF : 187035.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 294752.4/11

asym_sam8_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.013 χ^2/NDF : 11.9/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.010+/-0.013 χ^2/NDF : 5.5/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

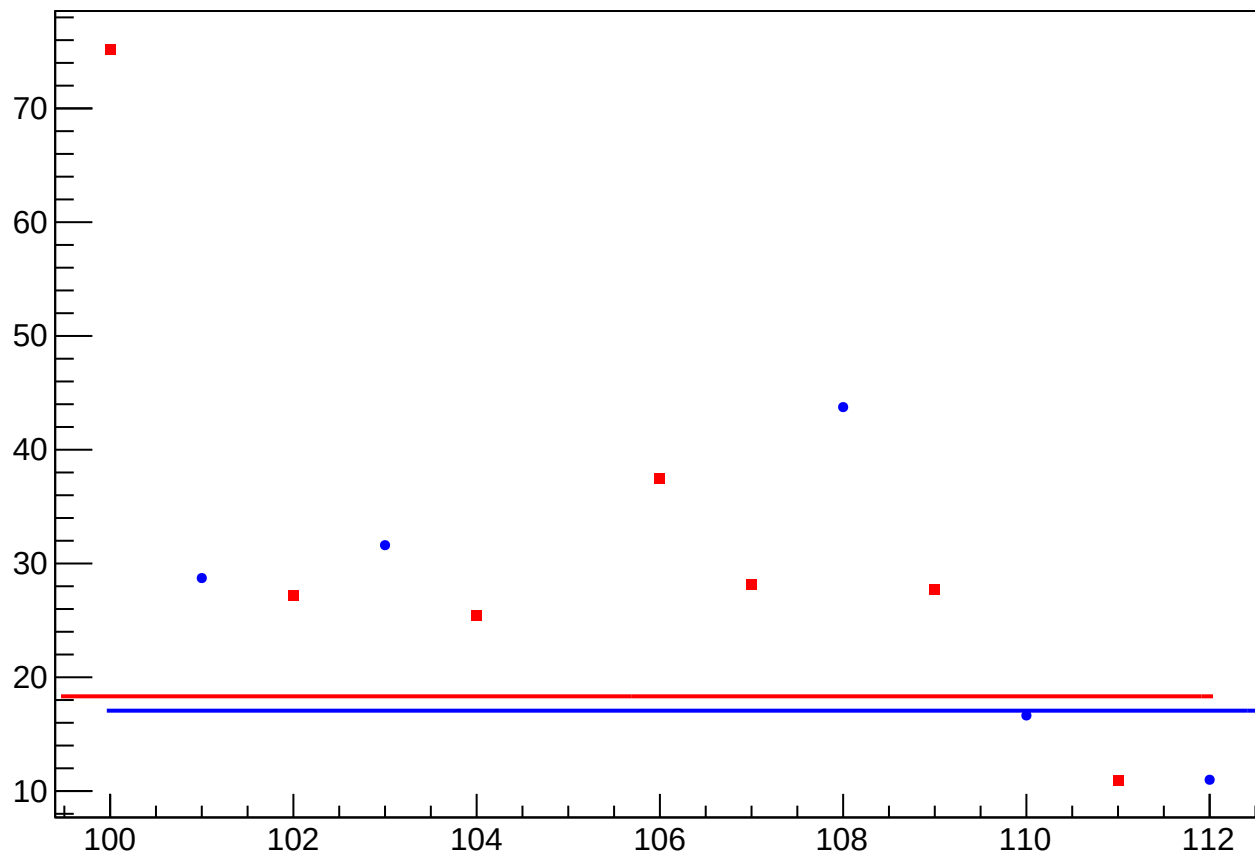
Right: 0.004+/-0.009 χ^2/NDF : 19.9/11

In: 0.018+/-0.013 χ^2/NDF :11.9/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.009 χ^2/NDF : 19.9/11

asym_sam8_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.066+/-0.009 χ^2/NDF : 964319.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.326+/-0.009 χ^2/NDF : 965216.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

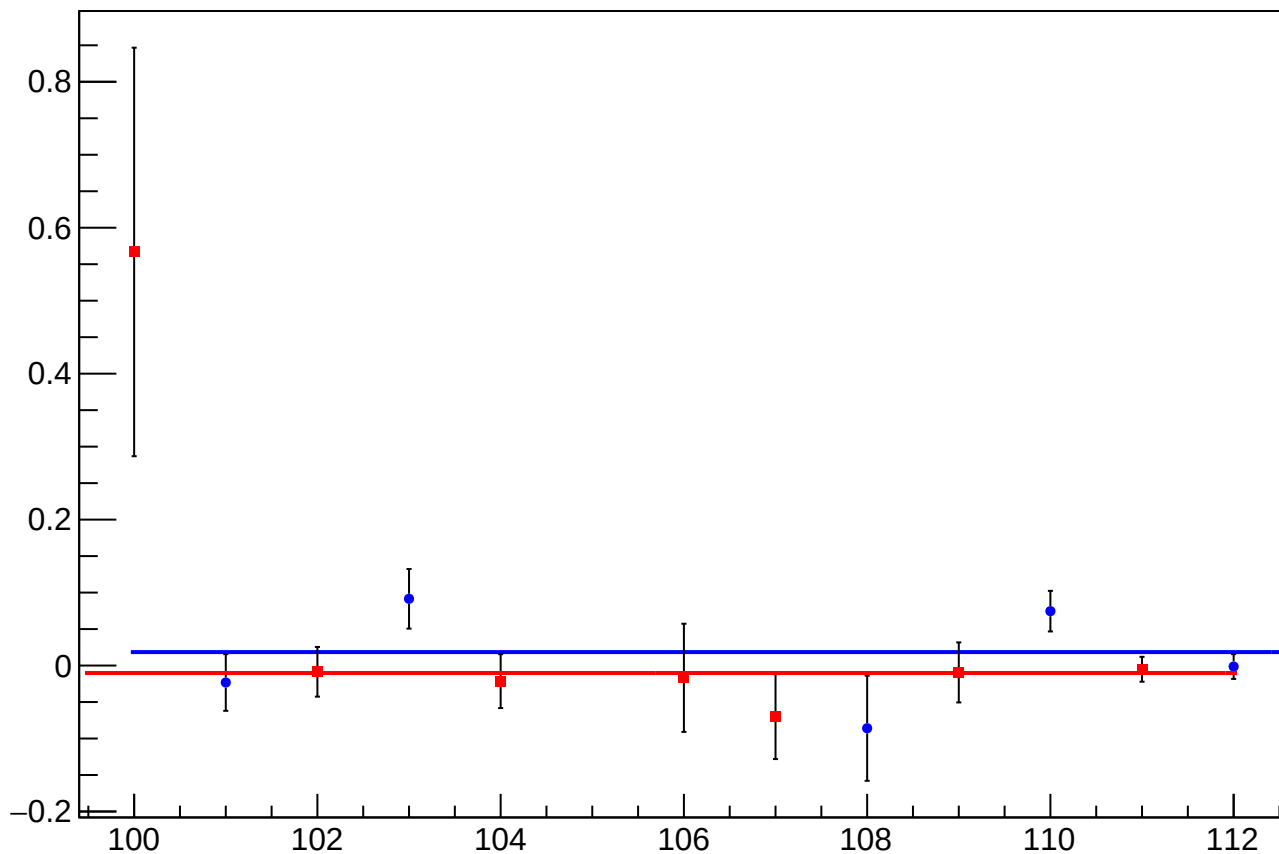
Right: 17.691+/-0.006 χ^2/NDF : 1939341.0/11

In: 17.066+/-0.009 χ^2/NDF : 964319.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.691+/-0.006 χ^2/NDF : 1939341.0/11

asym_sam8_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.013 χ^2/NDF : 11.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.010+/-0.013 χ^2/NDF : 5.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

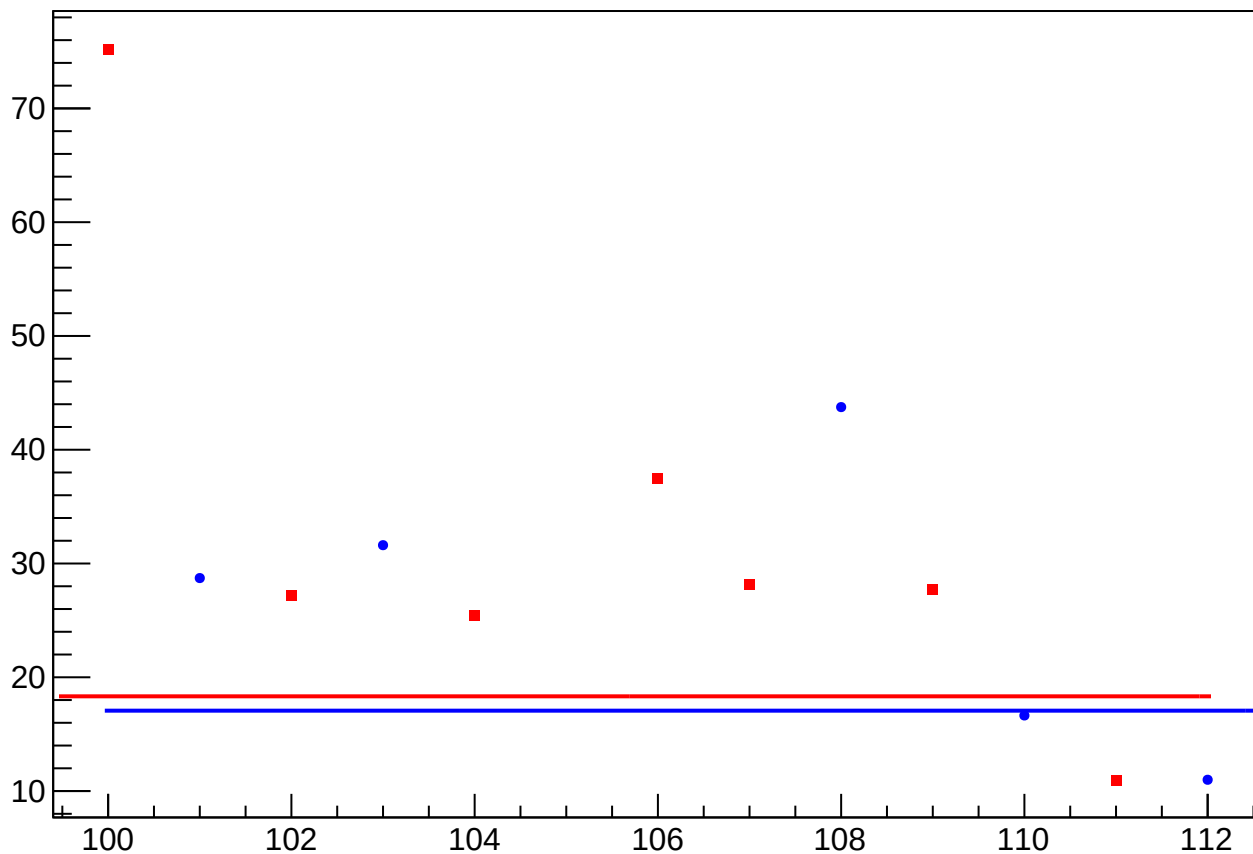
Right: 0.004+/-0.009 χ^2/NDF : 19.9/11

In: 0.018+/-0.013 χ^2/NDF : 11.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.009 χ^2/NDF : 19.9/11

asym_sam8_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.066+/-0.009 χ^2/NDF : 964319.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.326+/-0.009 χ^2/NDF : 965216.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

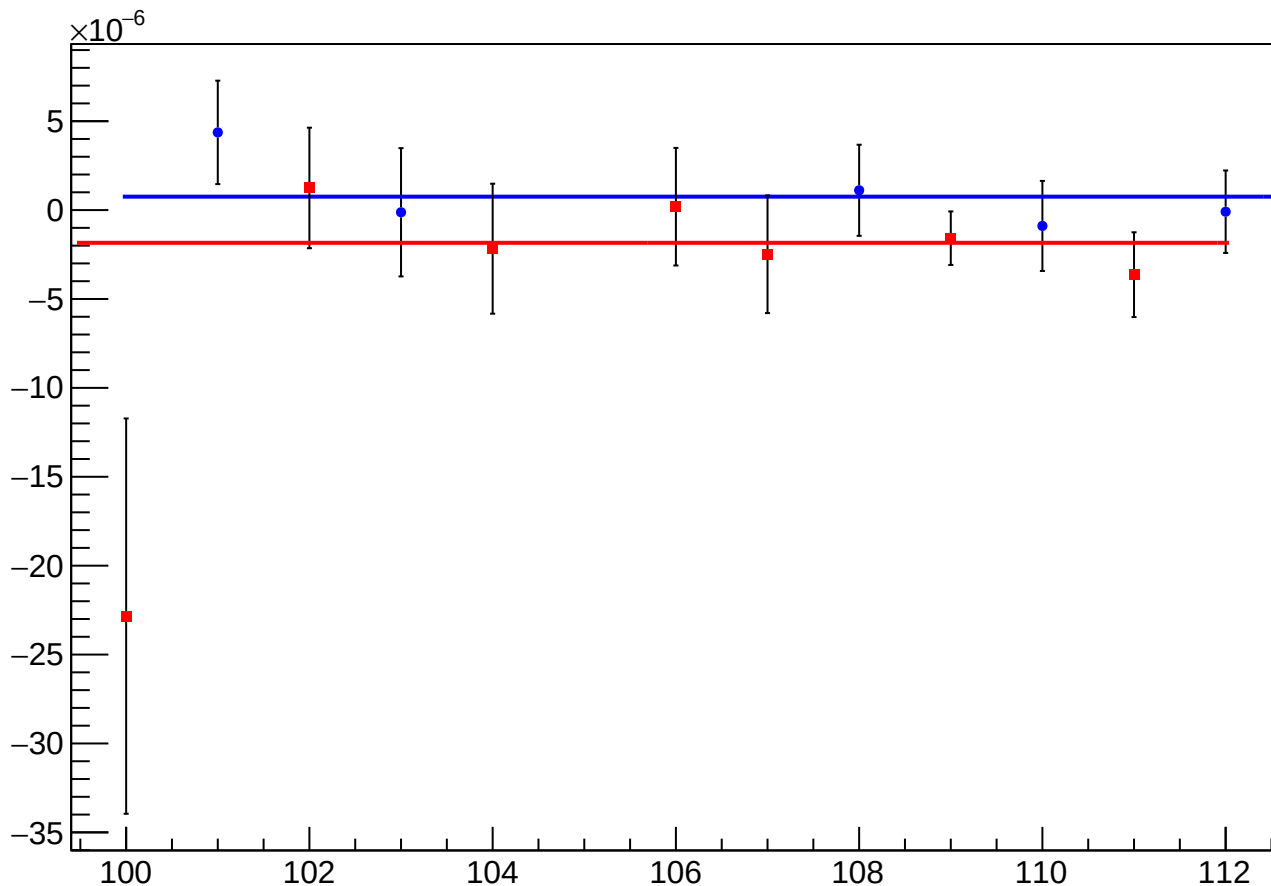
Right: 17.691+/-0.006 χ^2/NDF : 1939341.0/11

In: 17.066+/-0.009 χ^2/NDF : 964319.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.691+/-0.006 χ^2/NDF : 1939341.0/11

asym_sam8_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

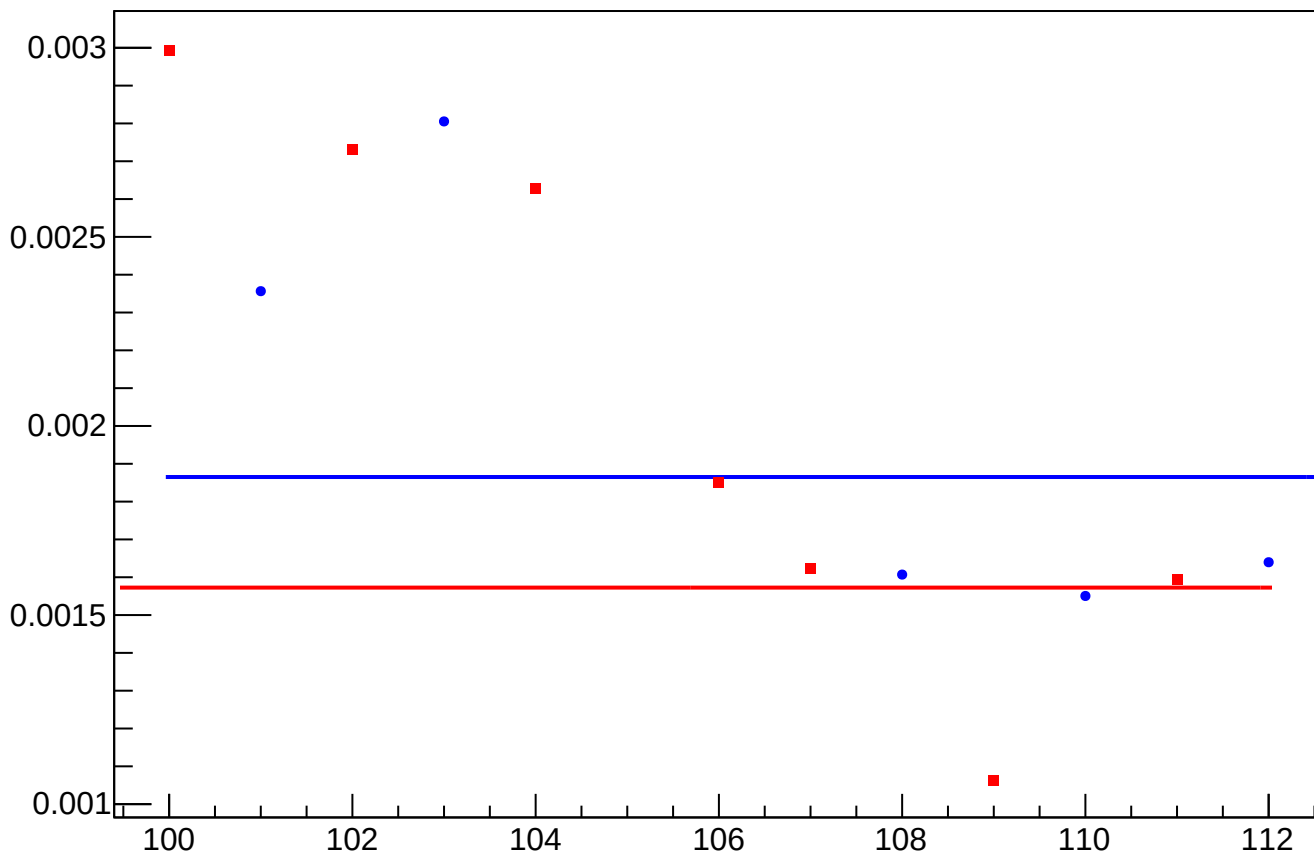
Right: -0.000+/-0.000 χ^2/NDF : 10.3/11

In: 0.000+/-0.000 χ^2/NDF : 2.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.3/11

asym_sam8_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 262959.4/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 676867.8/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

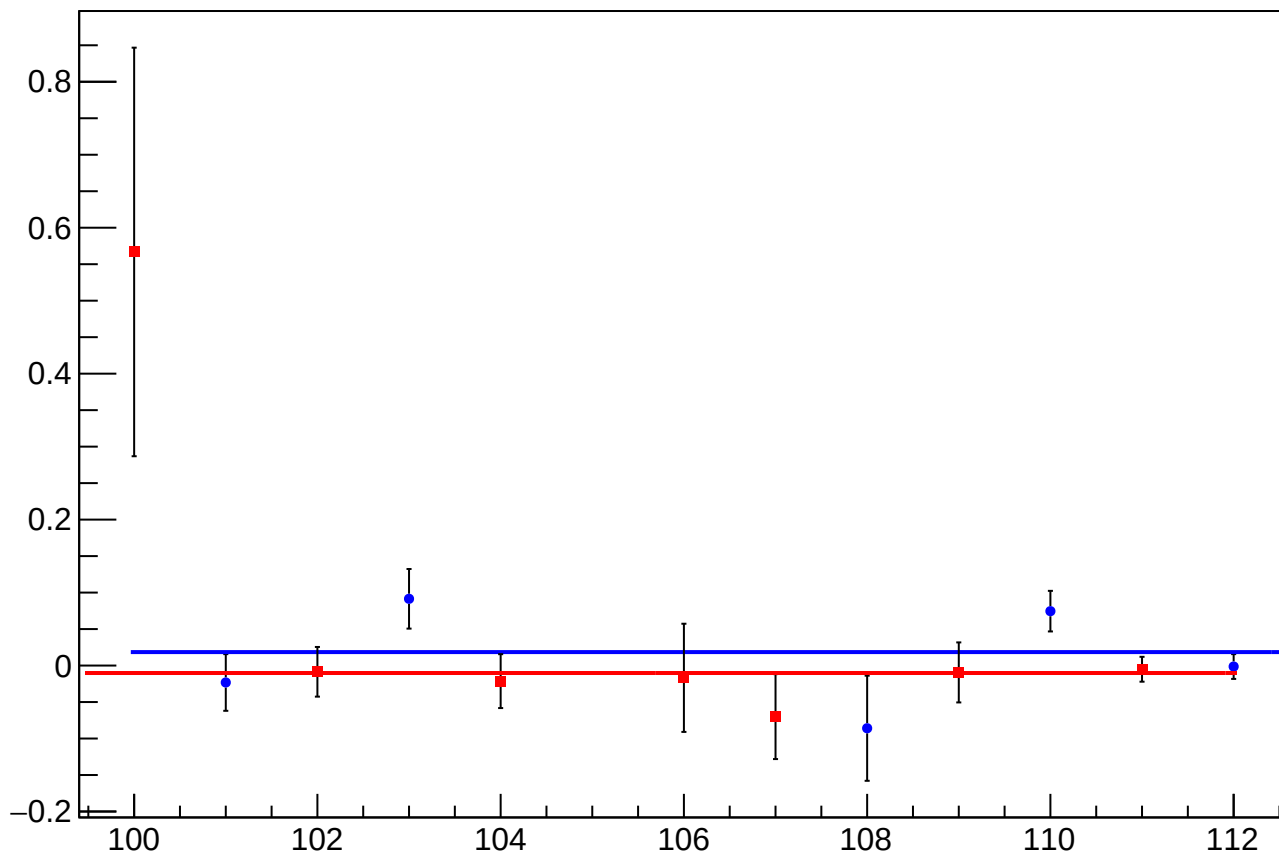
Right: 0.002+/-0.000 χ^2/NDF : 1008747.2/11

In: 0.002+/-0.000 χ^2/NDF :262959.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1008747.2/11

asym_sam8_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018 $\pm$ 0.013 χ^2 /NDF: 11.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.010 $\pm$ 0.013 χ^2 /NDF: 5.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

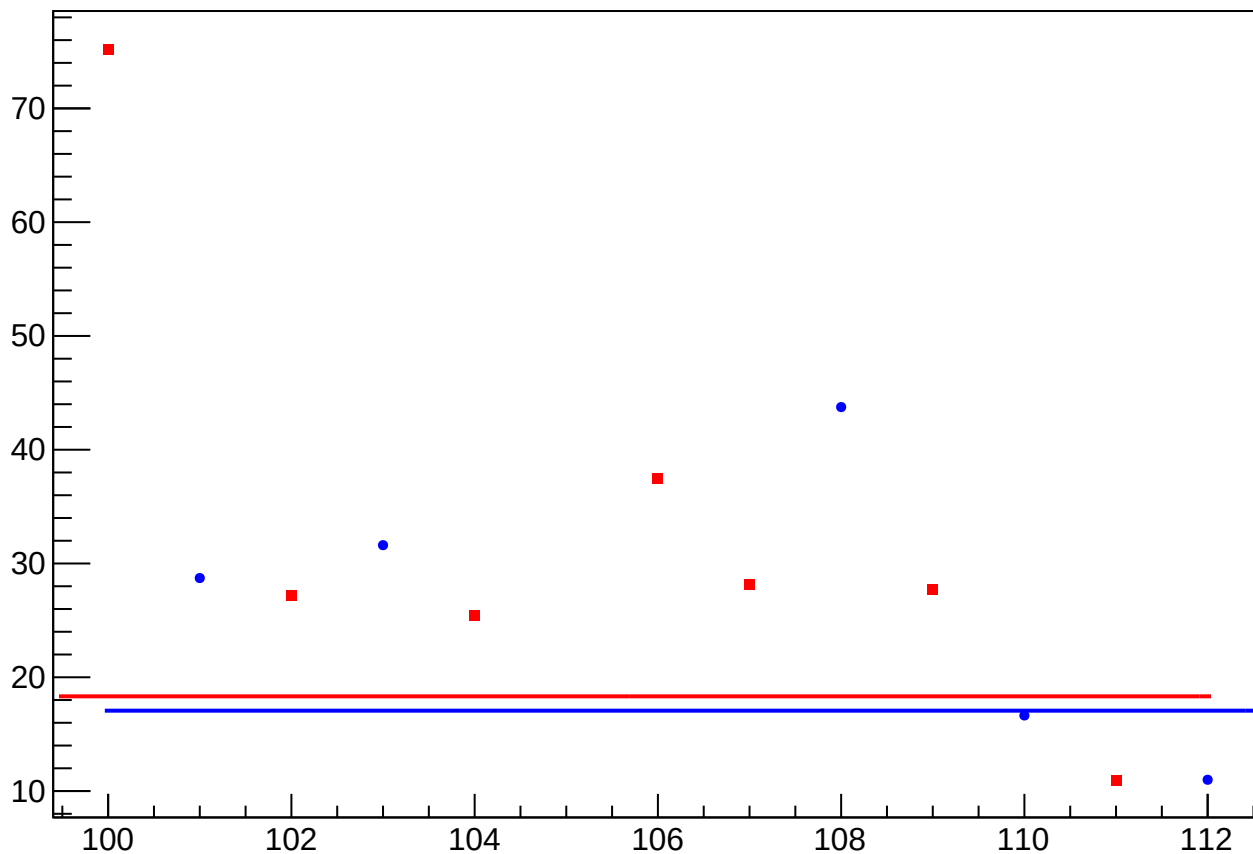
Right: 0.004 $\pm$ 0.009 χ^2 /NDF: 19.9/11

In: 0.018 $\pm$ 0.013 χ^2 /NDF:11.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.004 $\pm$ 0.009 χ^2 /NDF: 19.9/11

asym_sam8_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.065+/-0.009 χ^2/NDF : 964408.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.326+/-0.009 χ^2/NDF : 965328.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

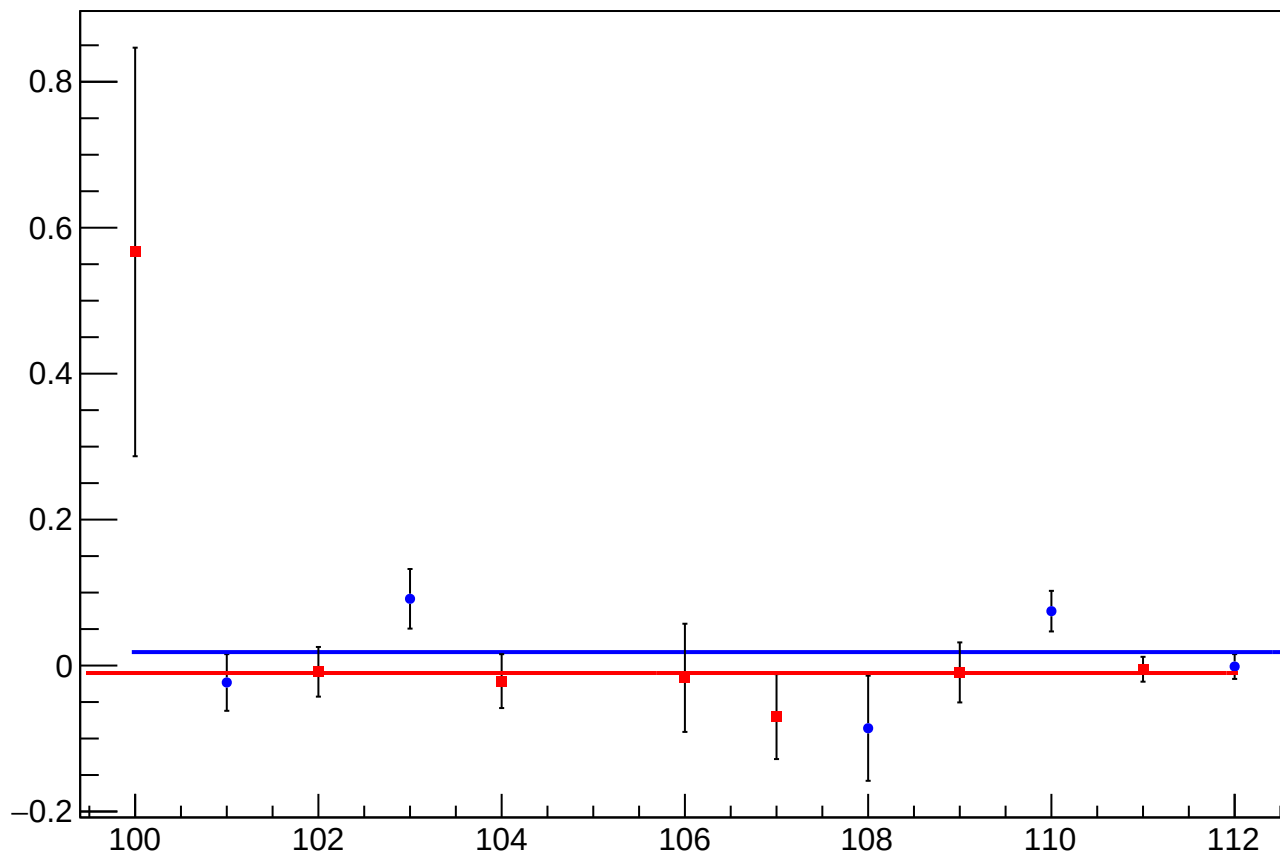
Right: 17.690+/-0.006 χ^2/NDF : 1939544.7/11

In: 17.065+/-0.009 χ^2/NDF : 964408.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.690+/-0.006 χ^2/NDF : 1939544.7/11

asym_sam8_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.013 χ^2/NDF : 11.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.010+/-0.013 χ^2/NDF : 5.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

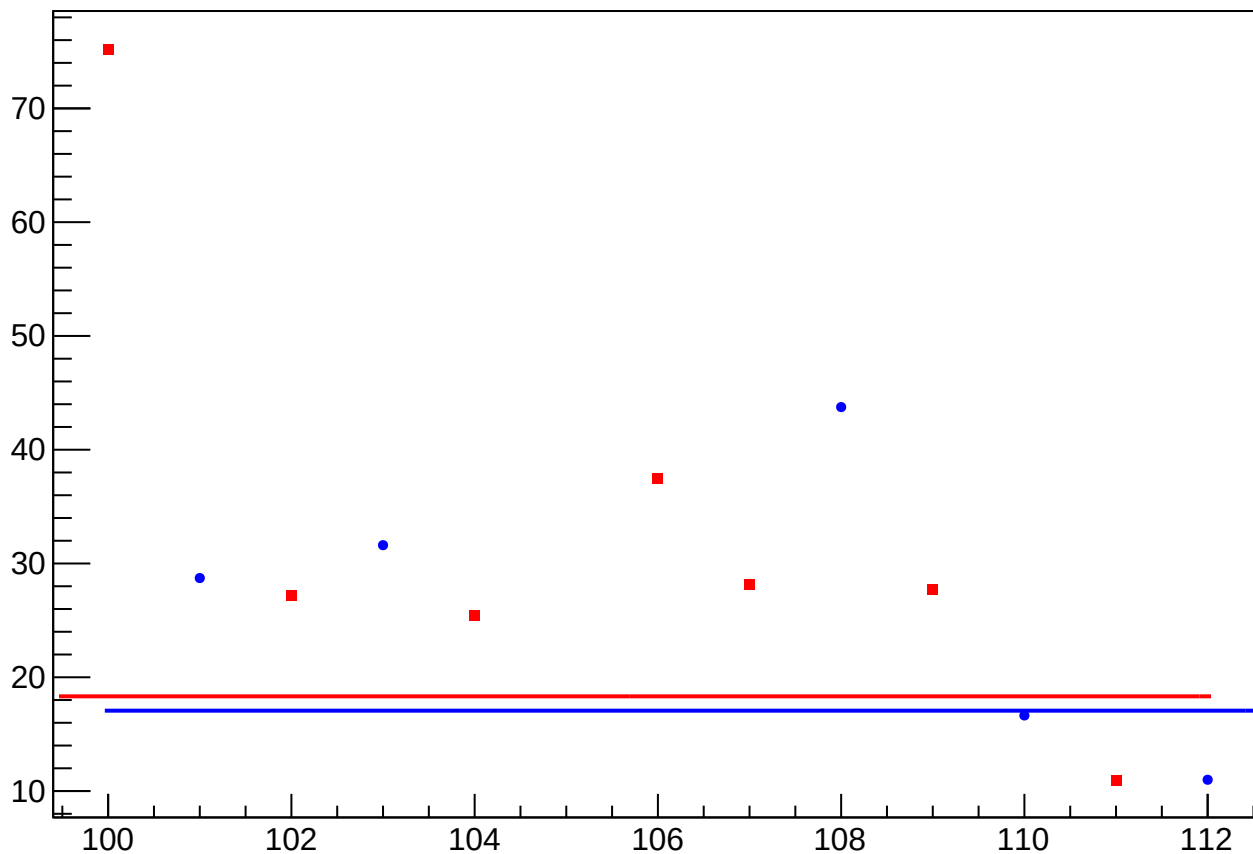
Right: 0.004+/-0.009 χ^2/NDF : 19.9/11

In: 0.018+/-0.013 χ^2/NDF : 11.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.009 χ^2/NDF : 19.9/11

asym_sam8_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.065+/-0.009 χ^2/NDF : 964408.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.326+/-0.009 χ^2/NDF : 965328.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

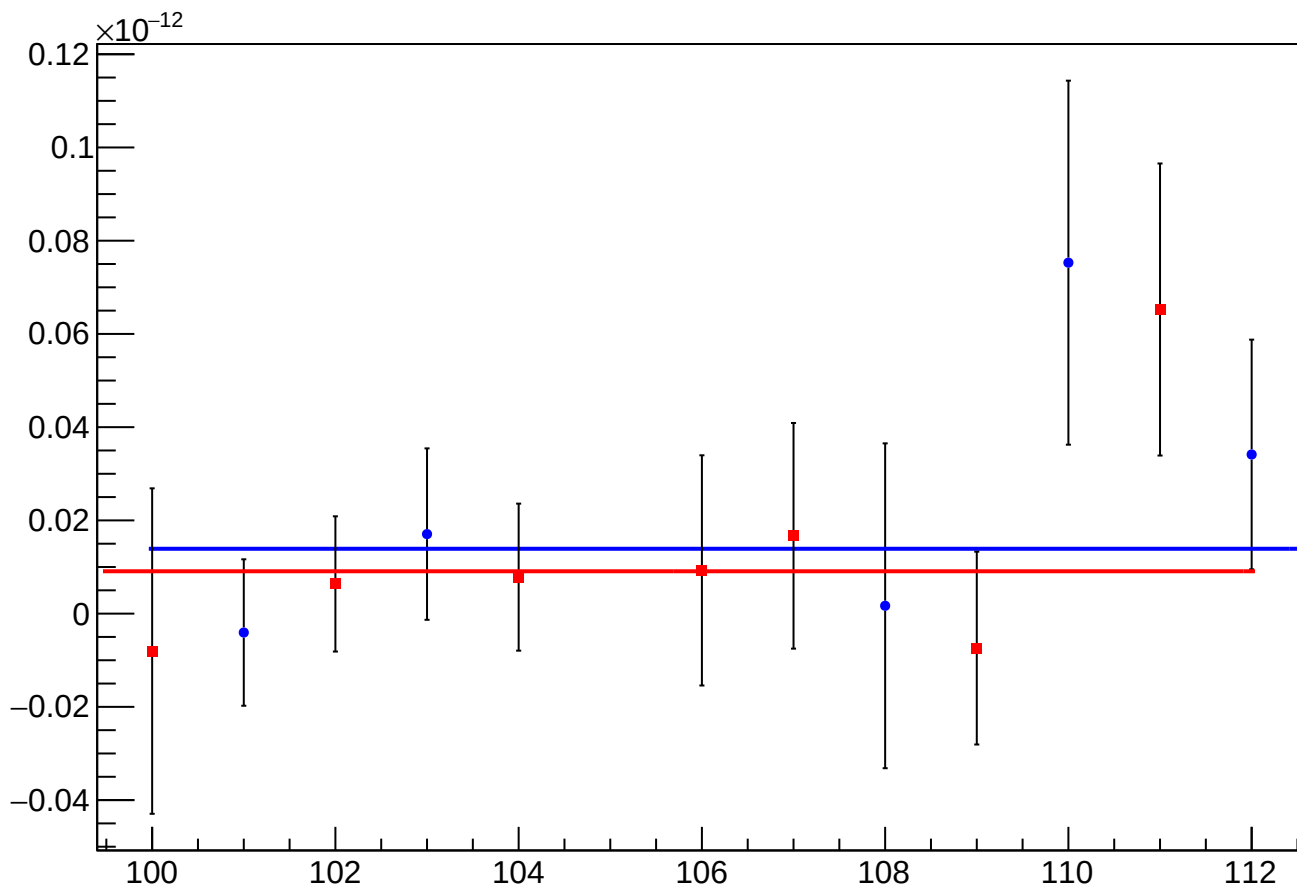
Right: 17.690+/-0.006 χ^2/NDF : 1939544.7/11

In: 17.065+/-0.009 χ^2/NDF : 964408.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.690+/-0.006 χ^2/NDF : 1939544.7/11

asym_sam8_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

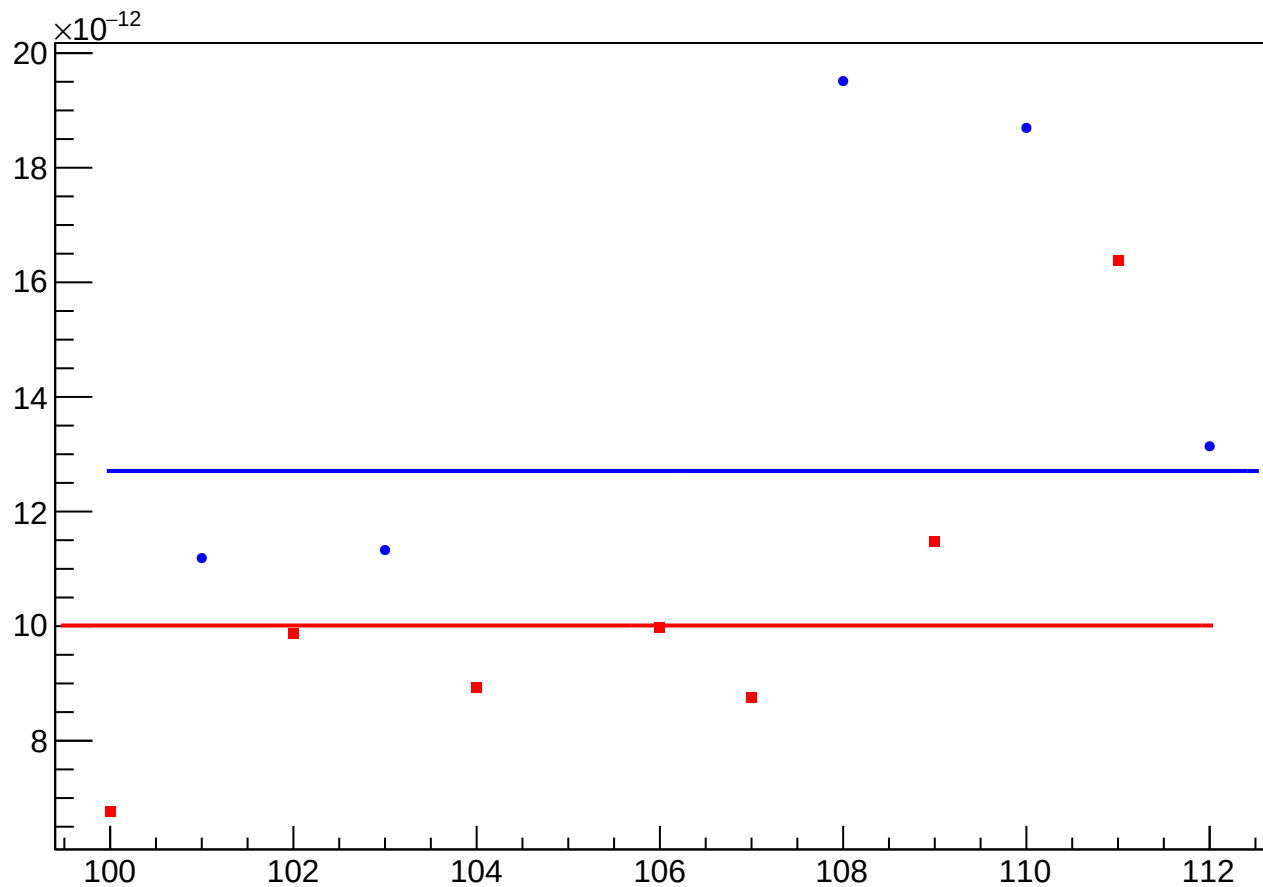
Right: 0.000+/-0.000 χ^2/NDF : 9.0/11

In: 0.000+/-0.000 χ^2/NDF : 4.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.0/11

asym_sam8_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 153910.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 124988.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

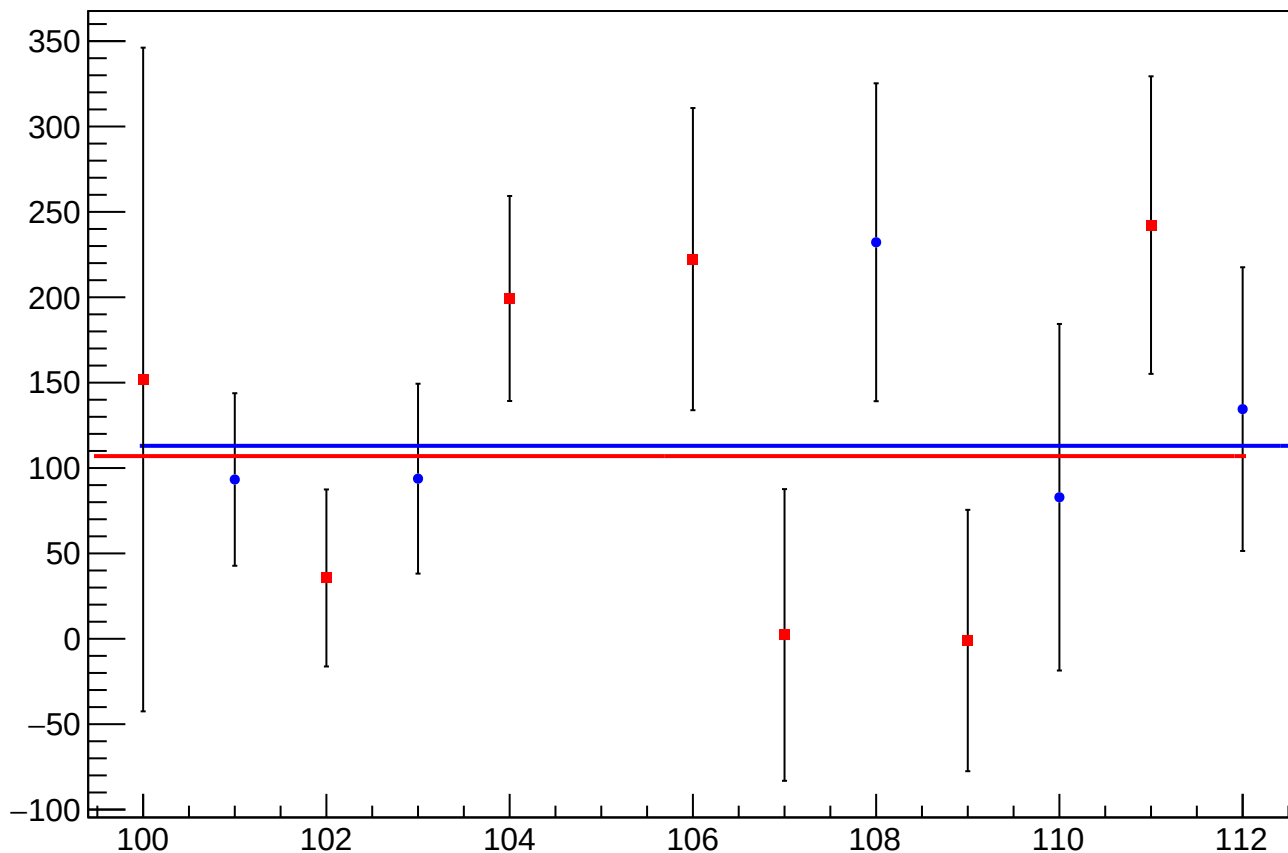
Right: 0.000+/-0.000 χ^2/NDF : 369797.6/11

In: 0.000+/-0.000 χ^2/NDF : 153910.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 369797.6/11

reg_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 113.005 $\pm$ 30.530 χ^2 /NDF: 2.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 106.990 $\pm$ 28.357 χ^2 /NDF: 11.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

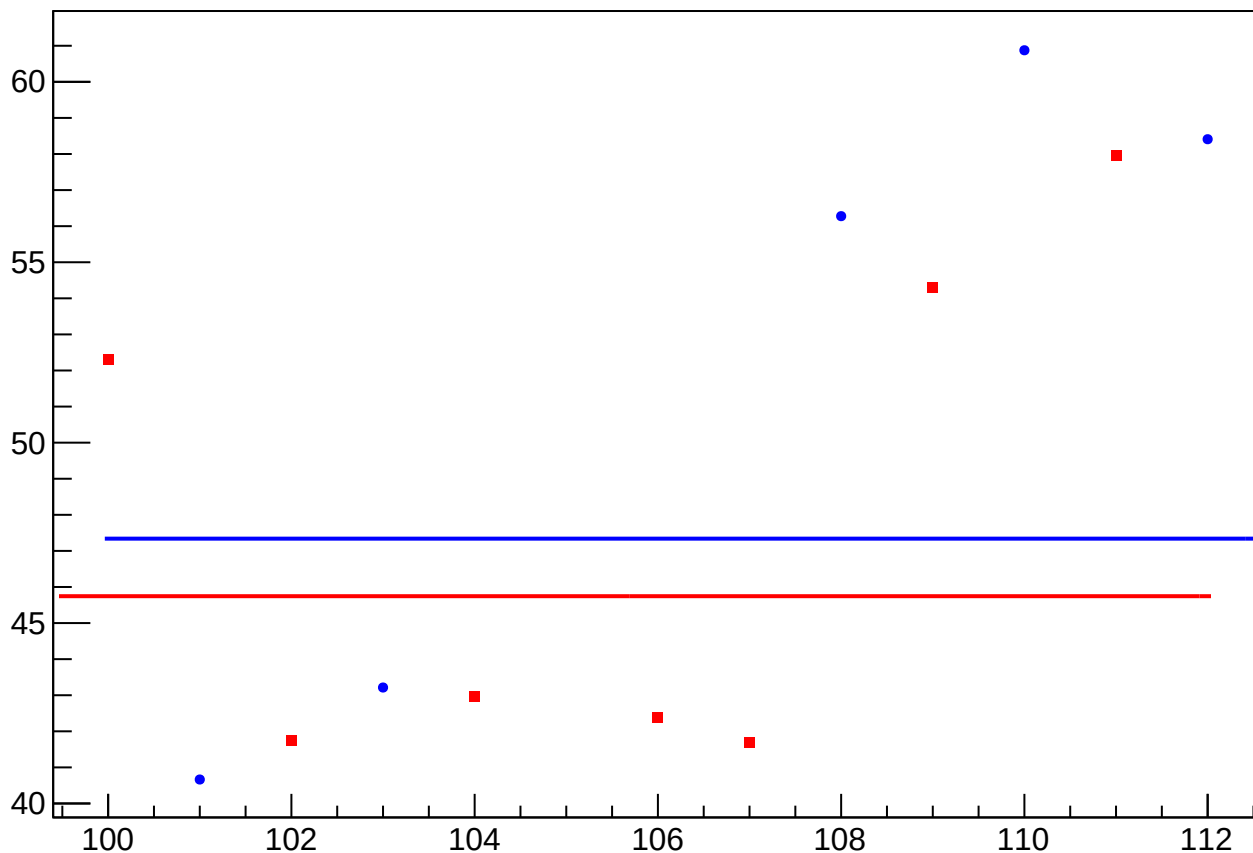
Right: 109.776 $\pm$ 20.778 χ^2 /NDF: 14.0/11

In: 113.005 $\pm$ 30.530 χ^2 /NDF: 2.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 109.776 $\pm$ 20.778 χ^2 /NDF: 14.0/11

reg_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 47.340+/-0.022 χ^2/NDF : 135486.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.745+/-0.020 χ^2/NDF : 90041.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

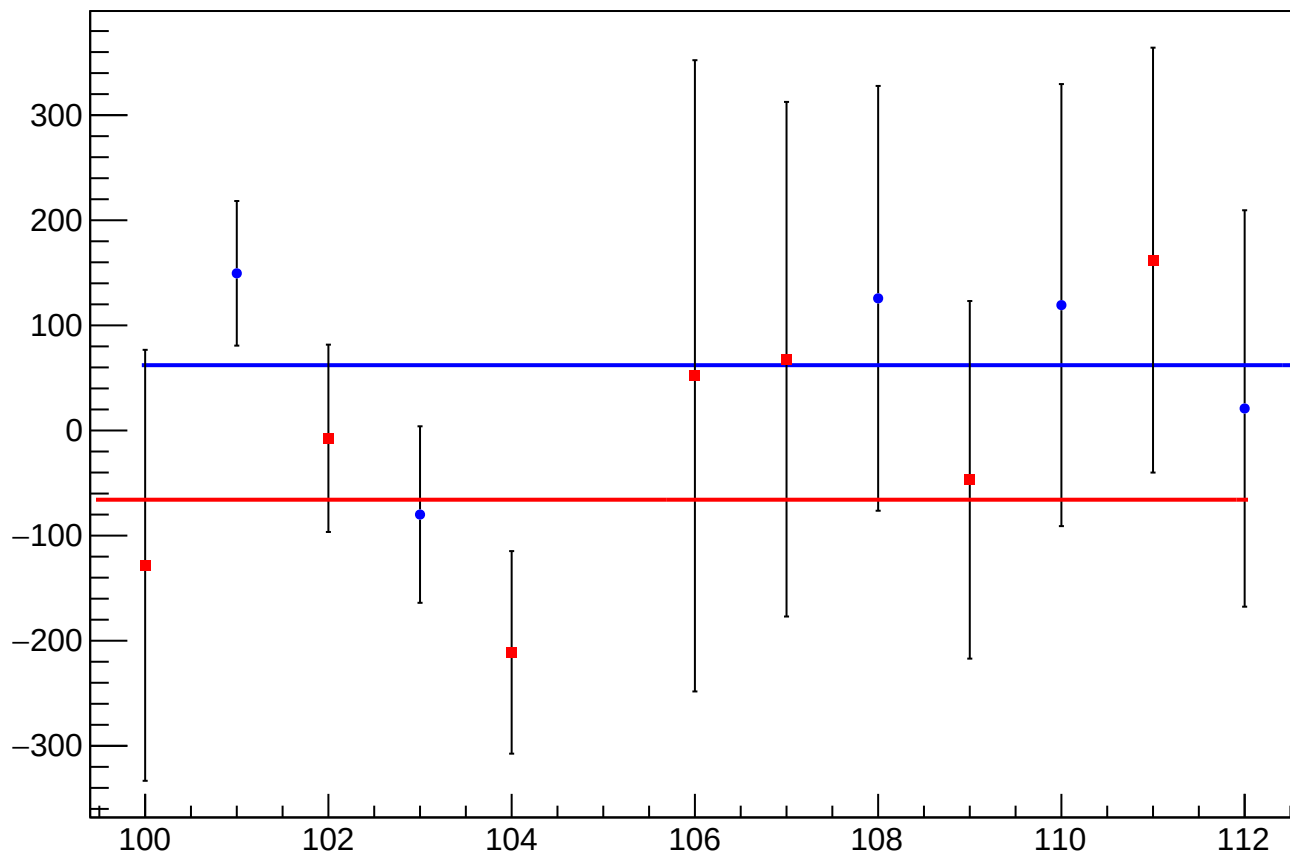
Right: 46.484+/-0.015 χ^2/NDF : 228458.4/11

In: 47.340+/-0.022 χ^2/NDF : 135486.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.484+/-0.015 χ^2/NDF : 228458.4/11

asym_sam_15_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 62.135+/-48.317 χ^2/NDF : 4.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -65.852+/-53.894 χ^2/NDF : 4.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

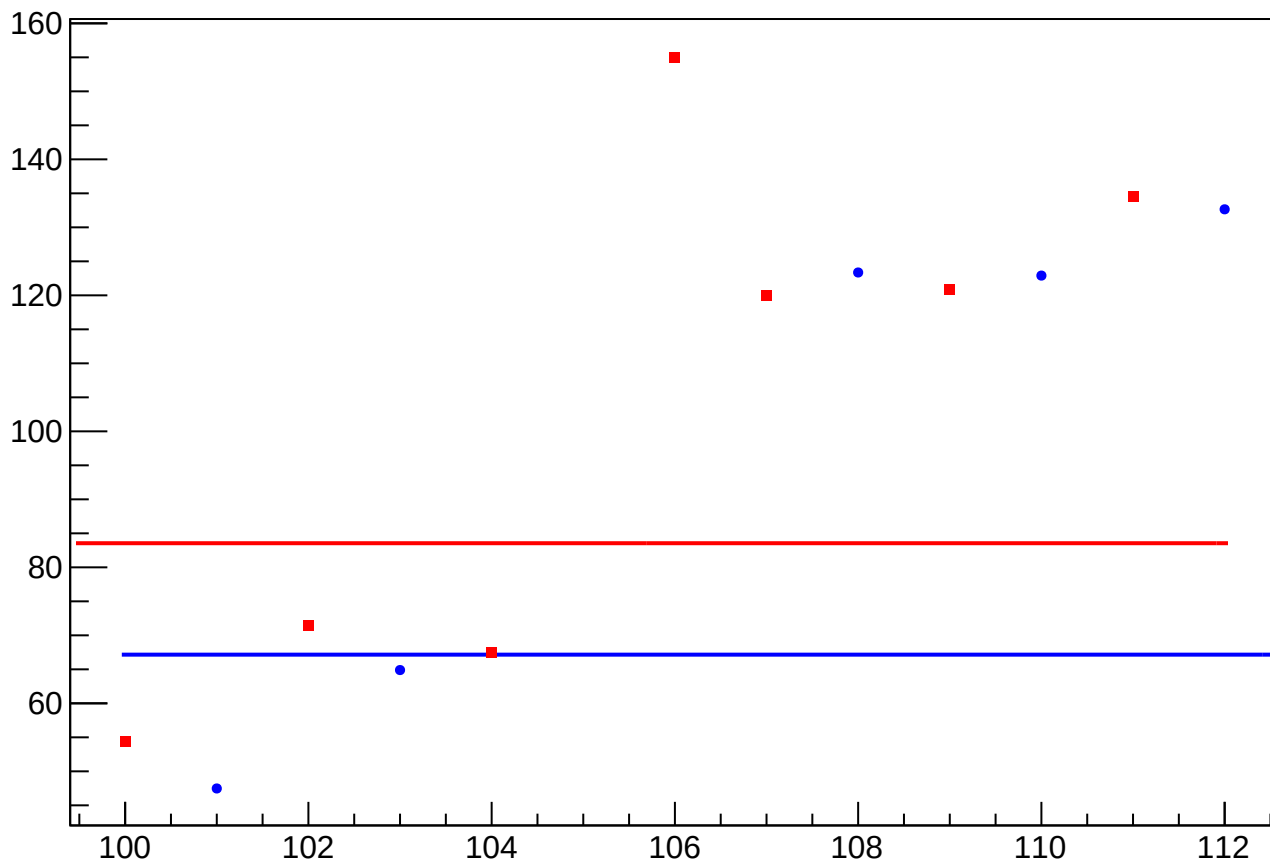
Right: 5.103+/-35.976 χ^2/NDF : 12.4/11

In: 62.135+/-48.317 χ^2/NDF : 4.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.103+/-35.976 χ^2/NDF : 12.4/11

asym_sam_15_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 67.160+/-0.034 χ^2/NDF : 701638.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.547+/-0.038 χ^2/NDF : 513981.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

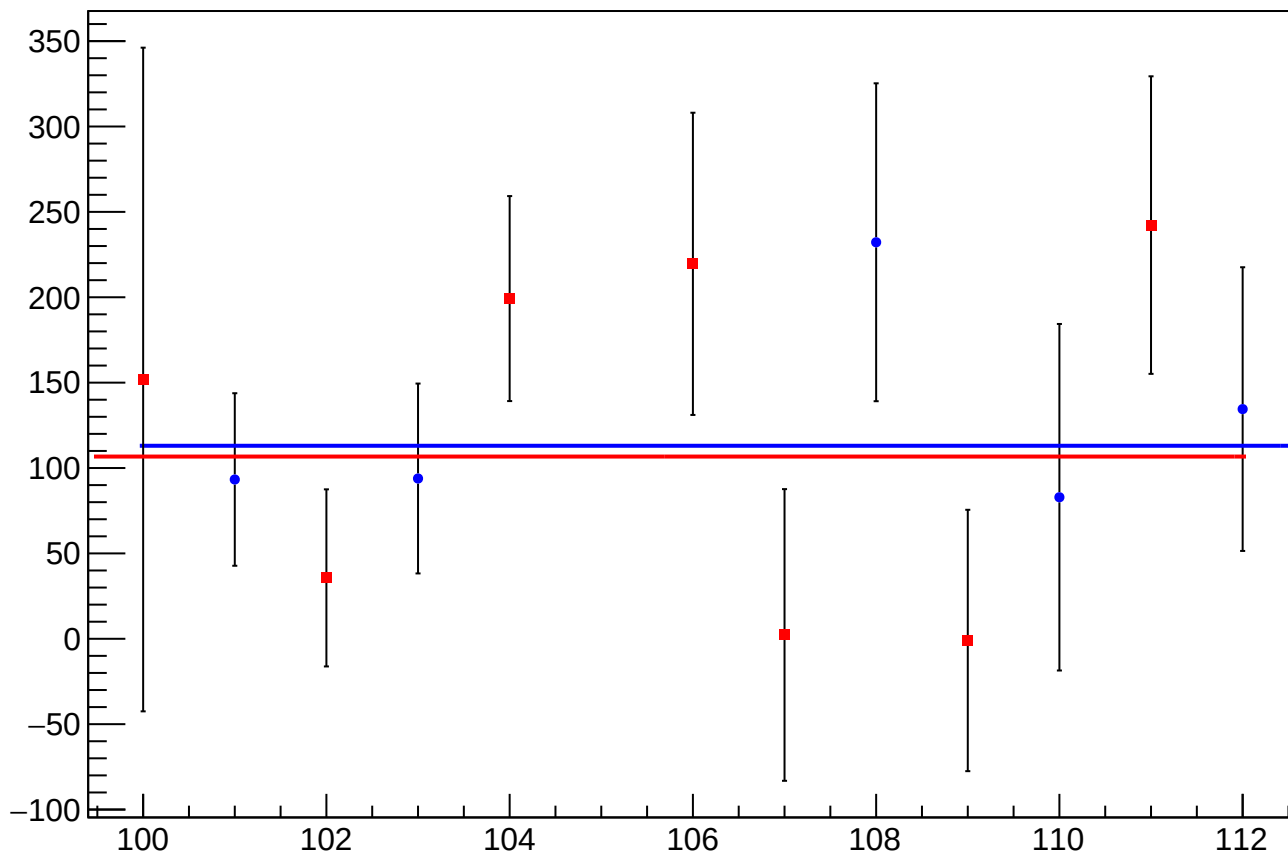
Right: 74.462+/-0.025 χ^2/NDF : 1318140.5/11

In: 67.160+/-0.034 χ^2/NDF : 701638.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.462+/-0.025 χ^2/NDF : 1318140.5/11

cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 113.033 $\pm$ 30.530 χ^2 /NDF: 2.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 106.720 $\pm$ 28.361 χ^2 /NDF: 11.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

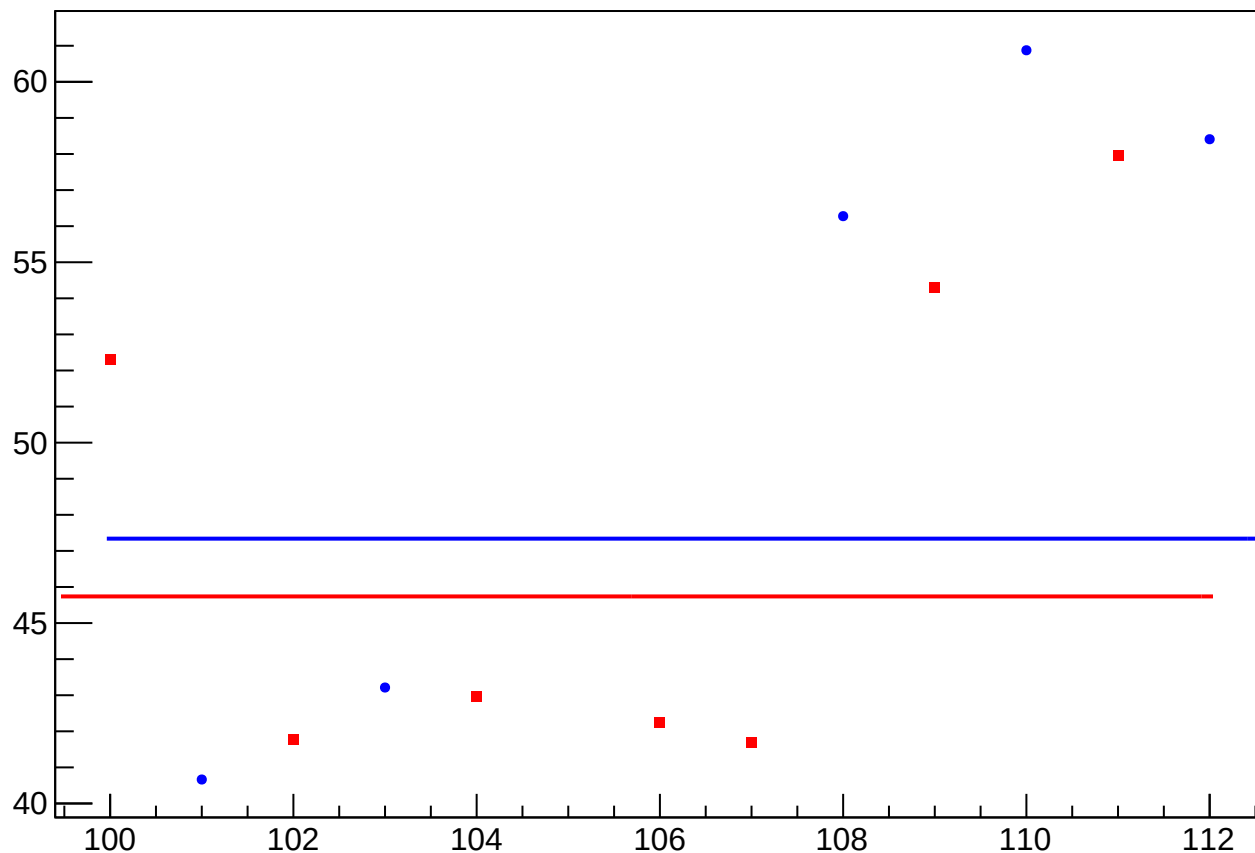
Right: 109.644 $\pm$ 20.779 χ^2 /NDF: 13.9/11

In: 113.033 $\pm$ 30.530 χ^2 /NDF:2.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 109.644 $\pm$ 20.779 χ^2 /NDF: 13.9/11

cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 47.340+/-0.022 χ^2/NDF : 135486.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.738+/-0.020 χ^2/NDF : 90149.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

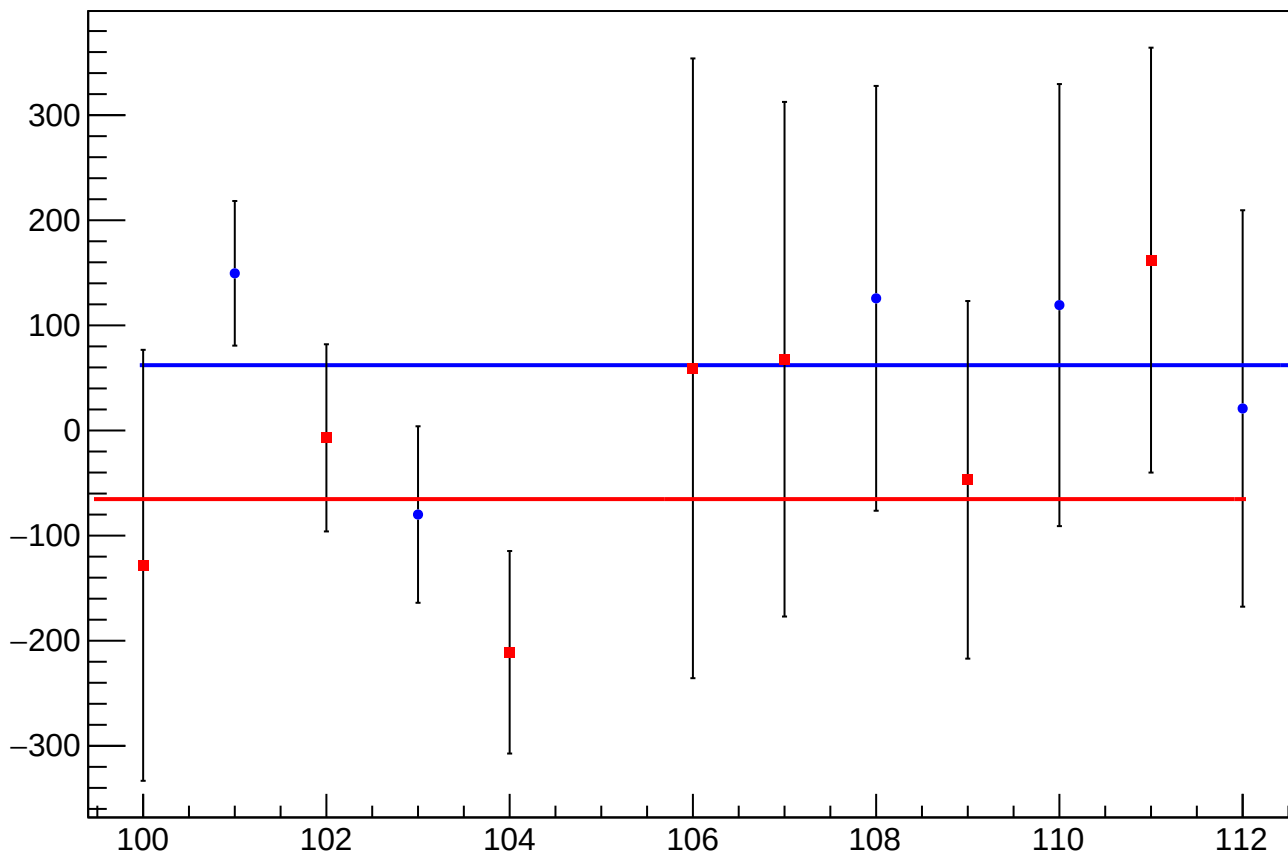
Right: 46.480+/-0.015 χ^2/NDF : 228590.3/11

In: 47.340+/-0.022 χ^2/NDF : 135486.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.480+/-0.015 χ^2/NDF : 228590.3/11

asym_sam_15_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 62.138+/-48.316 χ^2/NDF : 4.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -65.268+/-53.841 χ^2/NDF : 4.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

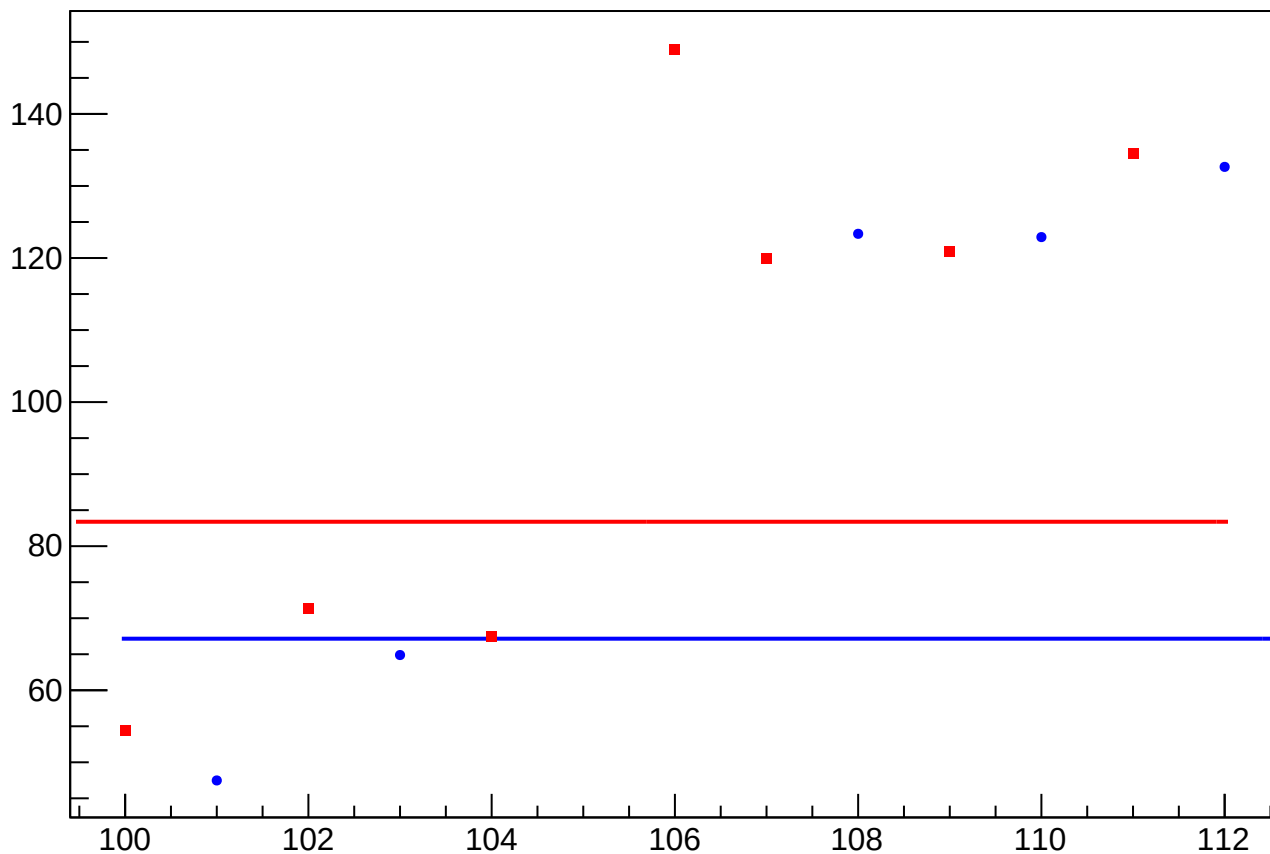
Right: 5.305+/-35.960 χ^2/NDF : 12.4/11

In: 62.138+/-48.316 χ^2/NDF : 4.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.305+/-35.960 χ^2/NDF : 12.4/11

asym_sam_15_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 67.158+/-0.034 χ^2/NDF : 701641.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.391+/-0.038 χ^2/NDF : 499814.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

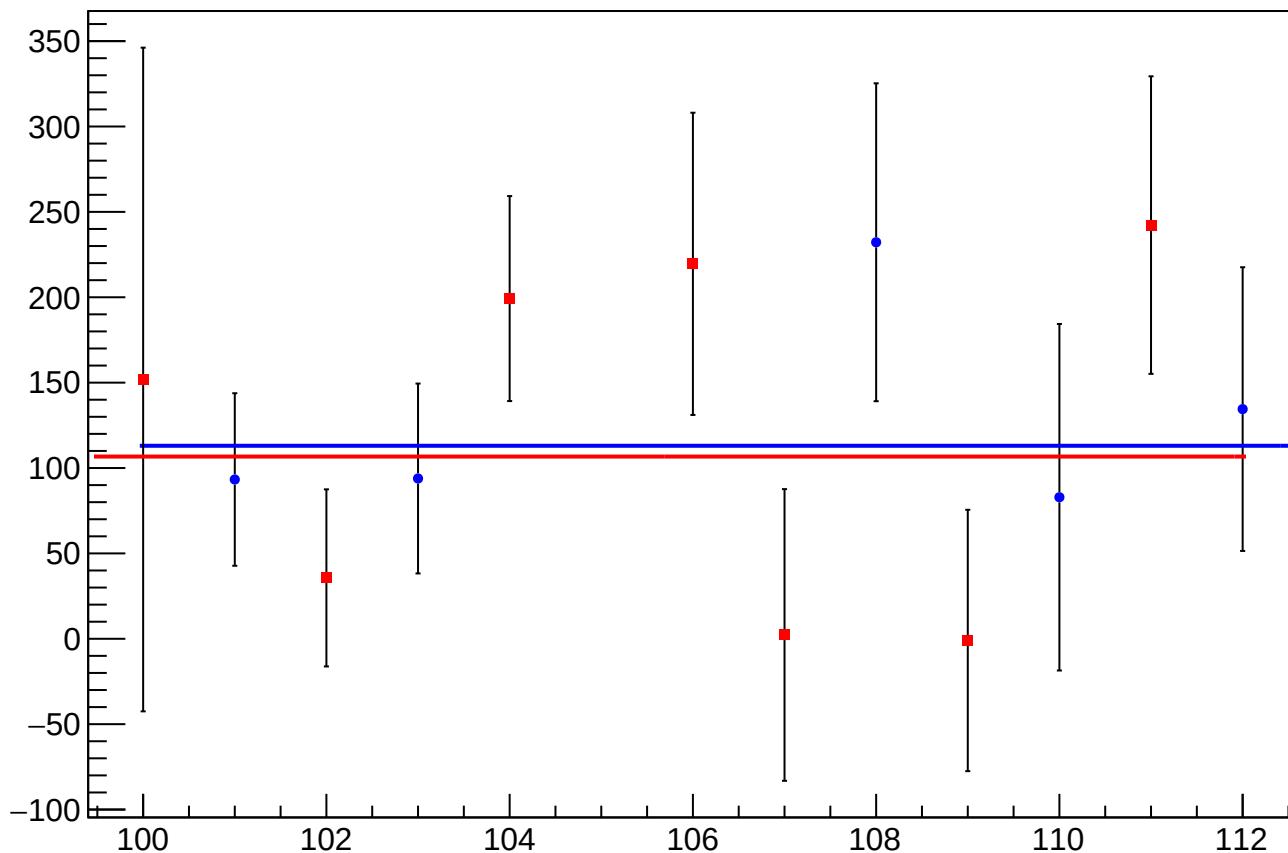
Right: 74.399+/-0.025 χ^2/NDF : 1302159.0/11

In: 67.158+/-0.034 χ^2/NDF : 701641.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.399+/-0.025 χ^2/NDF : 1302159.0/11

eigen_cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 113.033+/-30.530 χ^2/NDF : 2.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.720+/-28.361 χ^2/NDF : 11.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

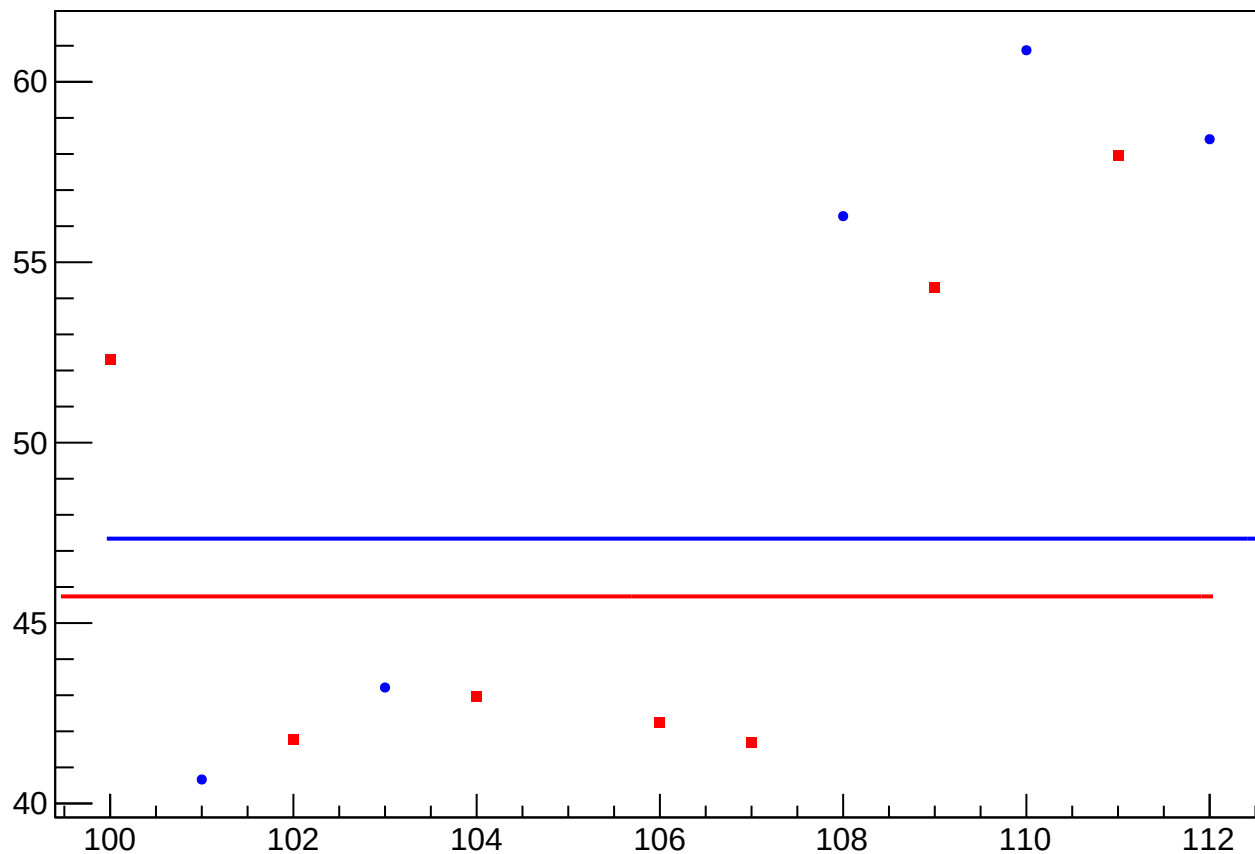
Right: 109.644+/-20.779 χ^2/NDF : 13.9/11

In: 113.033+/-30.530 χ^2/NDF : 2.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.644+/-20.779 χ^2/NDF : 13.9/11

eigen_cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 47.340+/-0.022 χ^2/NDF : 135486.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.738+/-0.020 χ^2/NDF : 90149.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

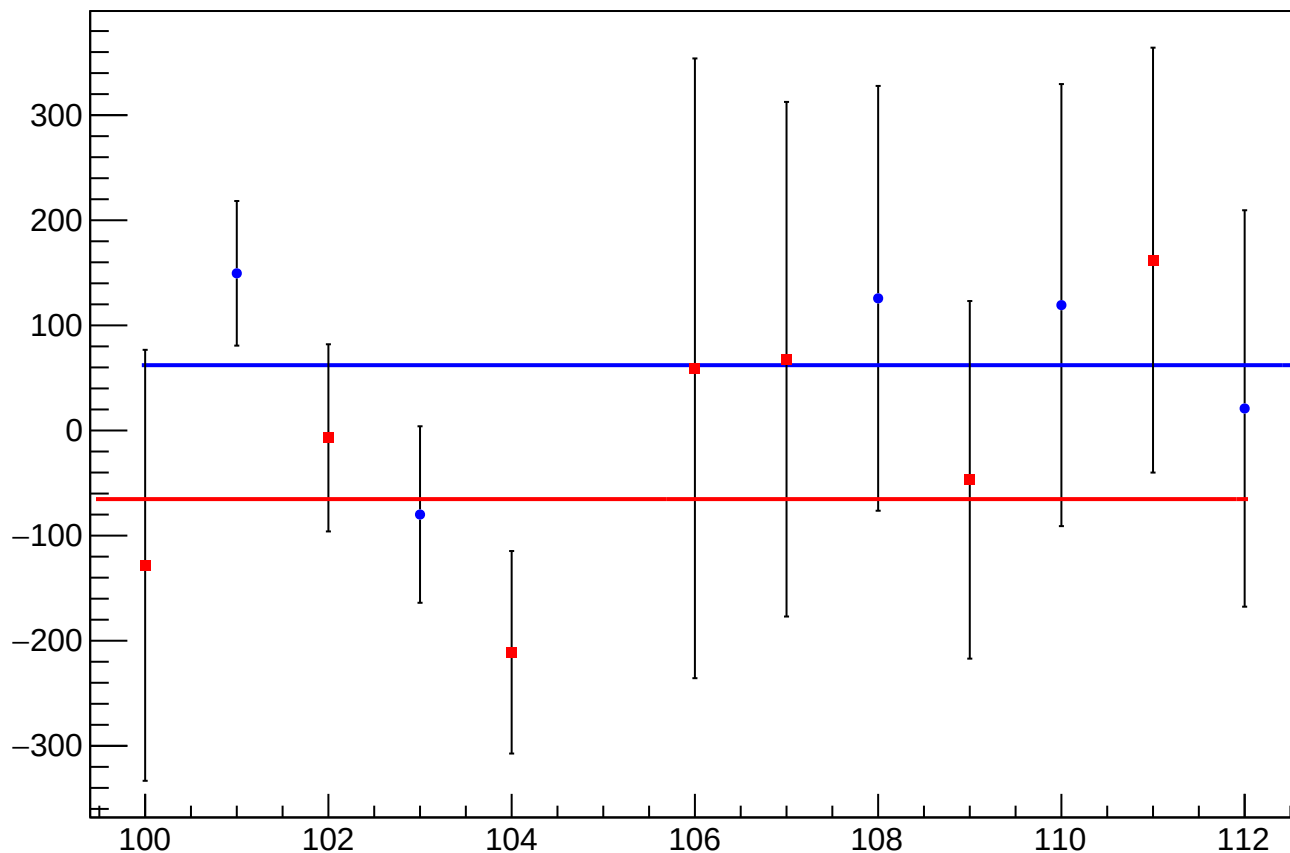
Right: 46.480+/-0.015 χ^2/NDF : 228590.3/11

In: 47.340+/-0.022 χ^2/NDF : 135486.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.480+/-0.015 χ^2/NDF : 228590.3/11

asym_sam_15_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 62.138+/-48.316 χ^2/NDF : 4.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -65.268+/-53.841 χ^2/NDF : 4.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

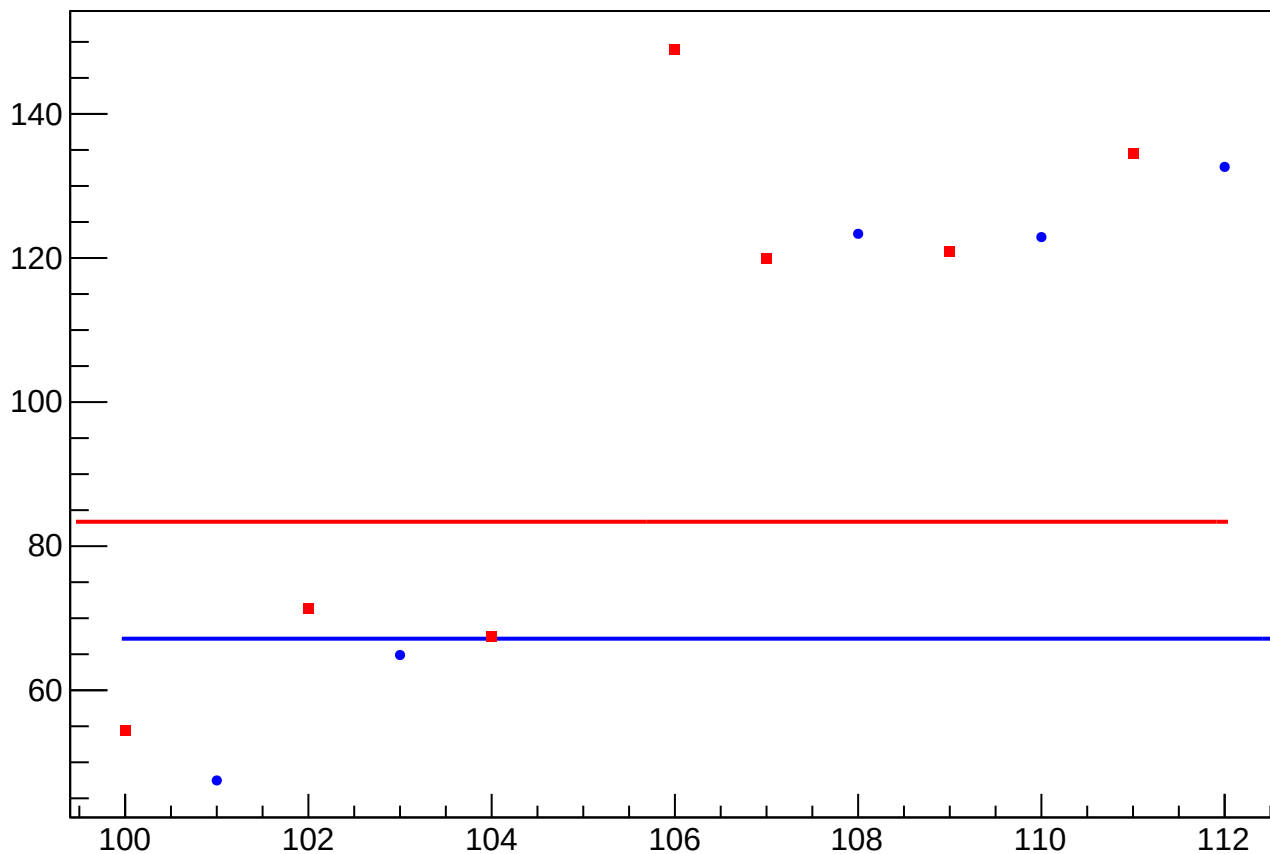
Right: 5.305+/-35.960 χ^2/NDF : 12.4/11

In: 62.138+/-48.316 χ^2/NDF : 4.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.305+/-35.960 χ^2/NDF : 12.4/11

asym_sam_15_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 67.158+/-0.034 χ^2/NDF : 701641.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.391+/-0.038 χ^2/NDF : 499814.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

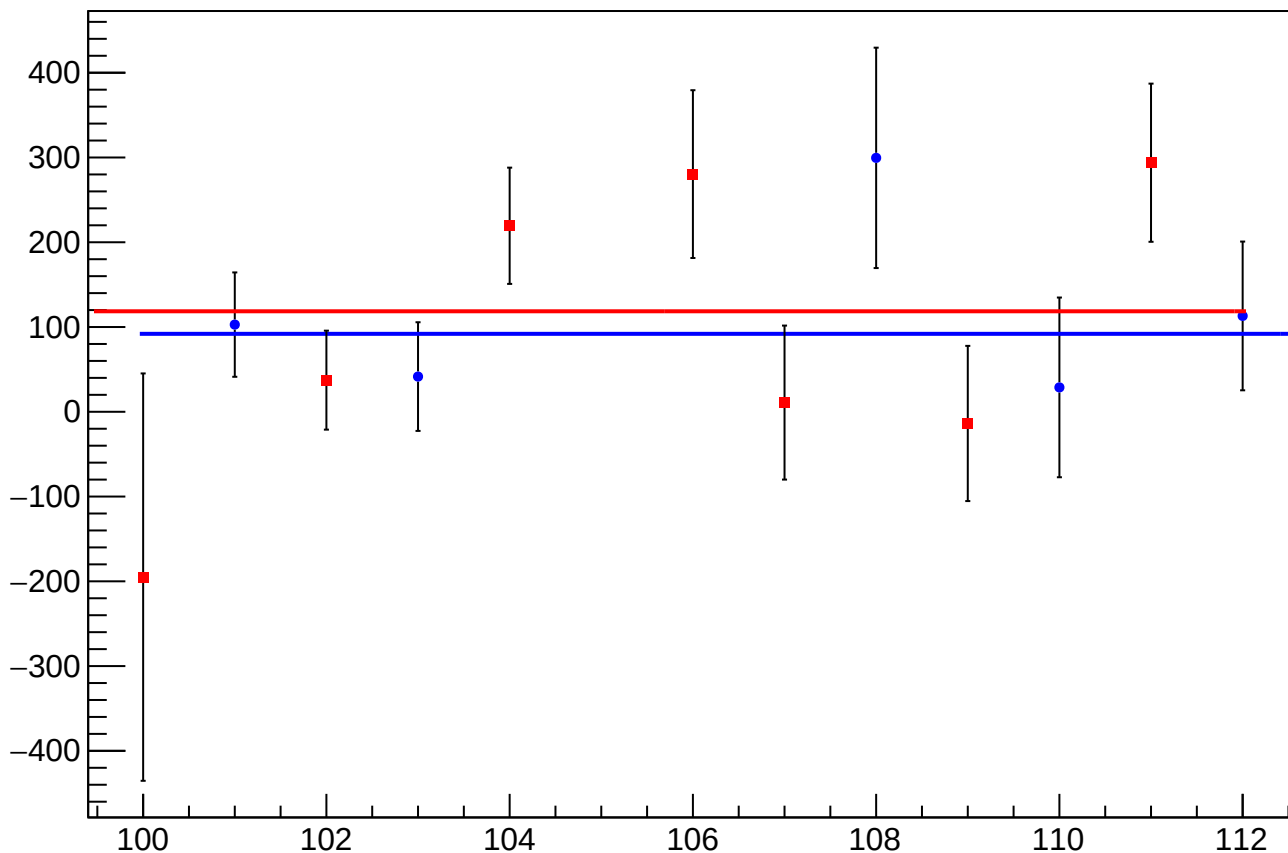
Right: 74.399+/-0.025 χ^2/NDF : 1302159.0/11

In: 67.158+/-0.034 χ^2/NDF : 701641.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.399+/-0.025 χ^2/NDF : 1302159.0/11

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 91.967 $\pm$ 35.685 χ^2 /NDF: 3.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 118.568 $\pm$ 31.931 χ^2 /NDF: 15.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

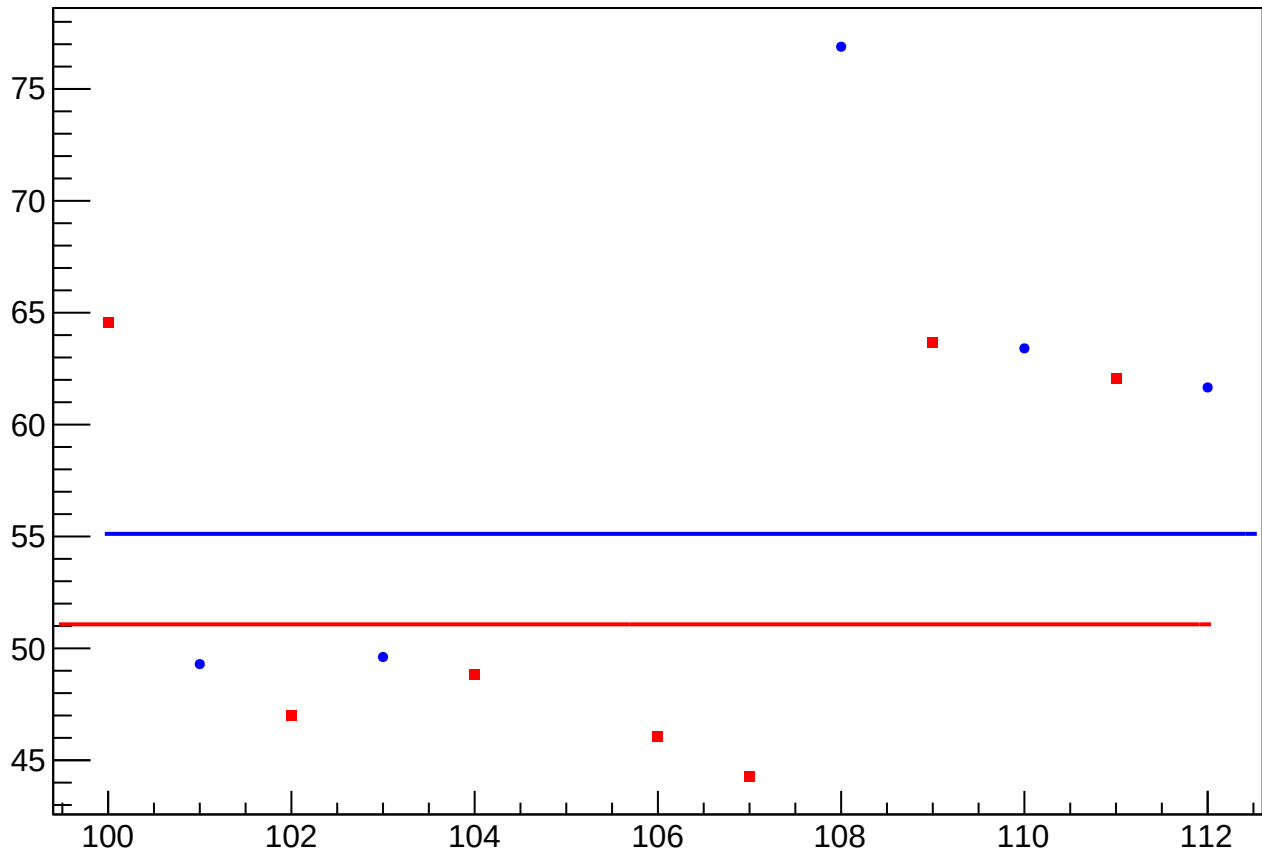
Right: 106.740 $\pm$ 23.795 χ^2 /NDF: 19.4/11

In: 91.967 $\pm$ 35.685 χ^2 /NDF:3.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 106.740 $\pm$ 23.795 χ^2 /NDF: 19.4/11

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 55.118+/-0.025 χ^2/NDF : 112062.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.074+/-0.023 χ^2/NDF : 100108.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

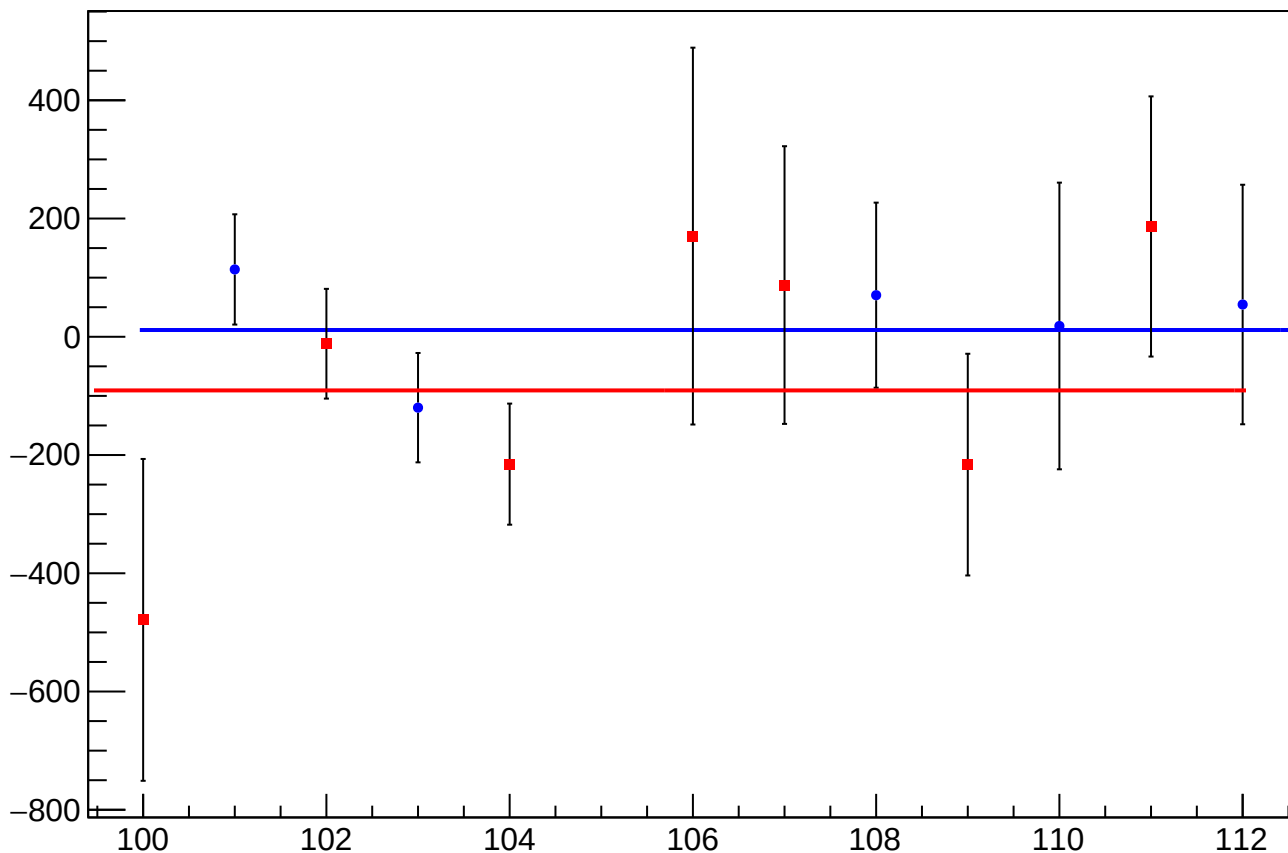
Right: 52.872+/-0.017 χ^2/NDF : 226436.3/11

In: 55.118+/-0.025 χ^2/NDF : 112062.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.872+/-0.017 χ^2/NDF : 226436.3/11

asym_sam_15_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 11.446+/-56.426 χ^2/NDF : 3.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -90.726+/-57.538 χ^2/NDF : 7.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

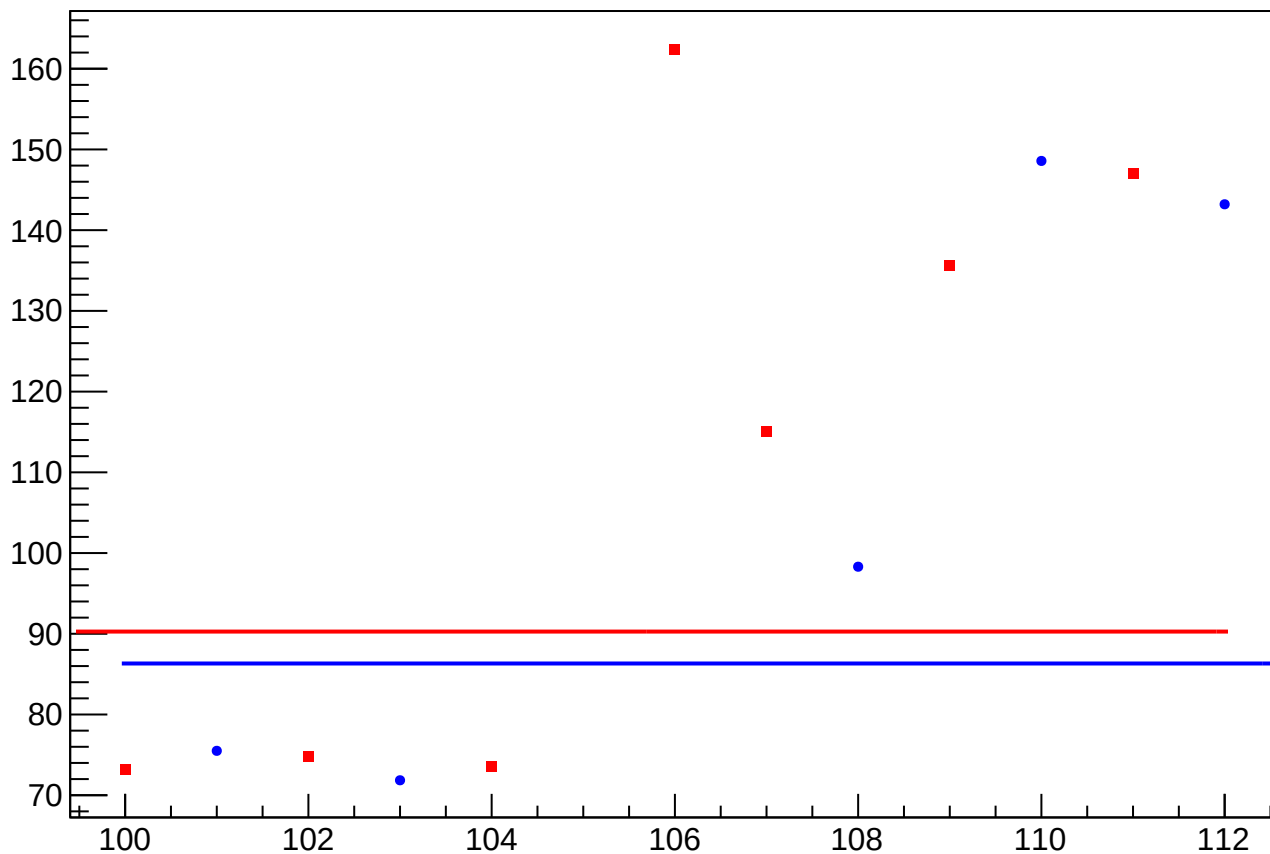
Right: -38.643+/-40.286 χ^2/NDF : 12.5/11

In: 11.446+/-56.426 χ^2/NDF : 3.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.643+/-40.286 χ^2/NDF : 12.5/11

asym_sam_15_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 86.319+/-0.040 χ^2/NDF : 377215.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.274+/-0.041 χ^2/NDF : 491700.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

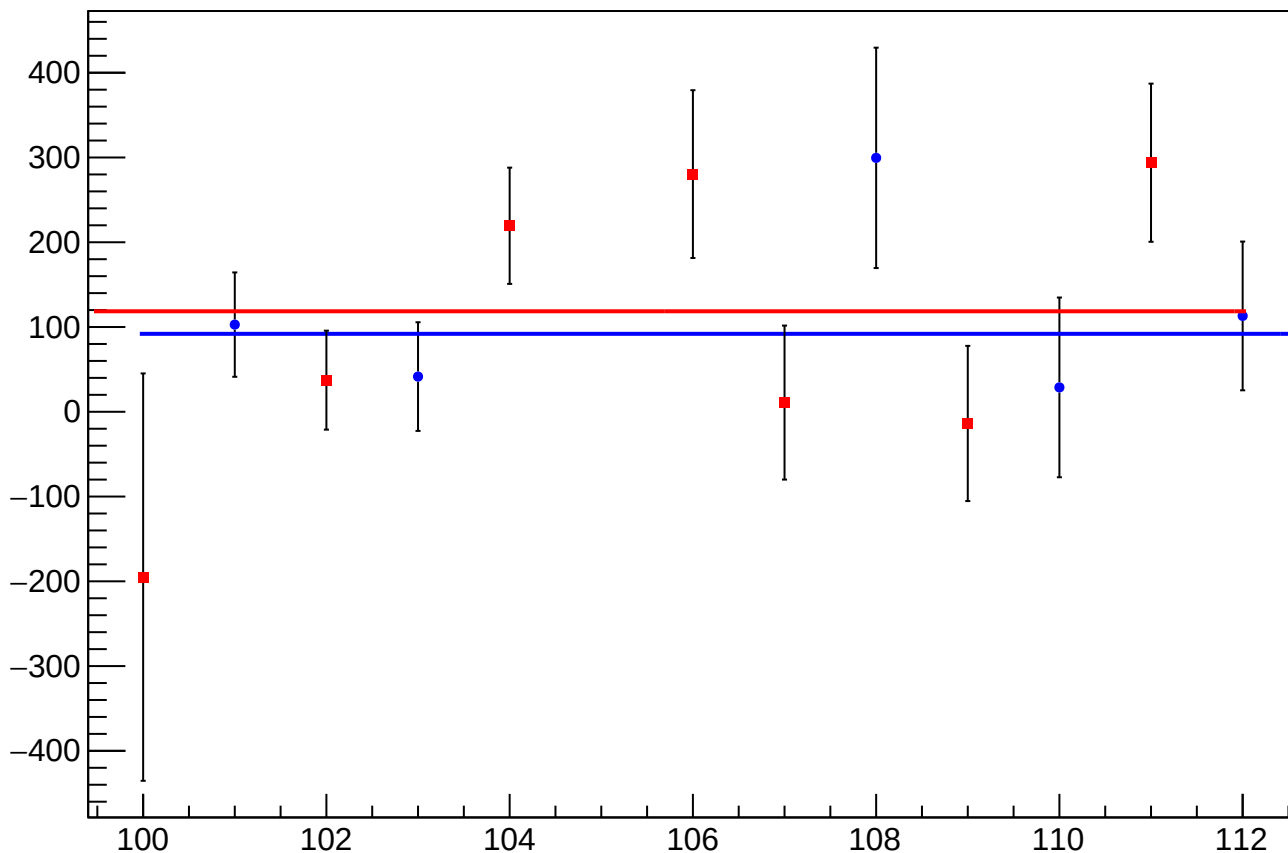
Right: 88.258+/-0.028 χ^2/NDF : 873731.5/11

In: 86.319+/-0.040 χ^2/NDF : 377215.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.258+/-0.028 χ^2/NDF : 873731.5/11

eigen_dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 91.966+/-35.685 χ^2/NDF : 3.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.568+/-31.931 χ^2/NDF : 15.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

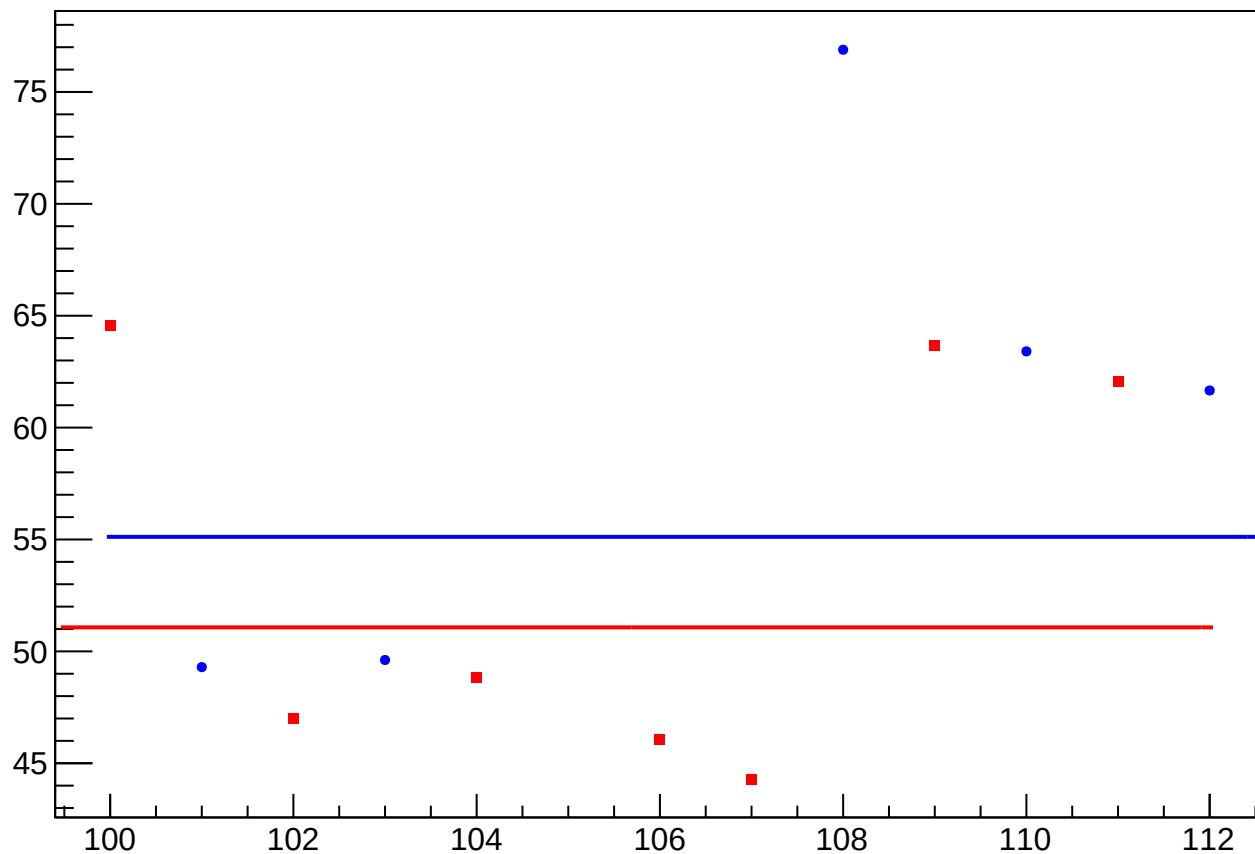
Right: 106.740+/-23.795 χ^2/NDF : 19.4/11

In: 91.966+/-35.685 χ^2/NDF : 3.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.740+/-23.795 χ^2/NDF : 19.4/11

eigen_dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 55.118+/-0.025 χ^2/NDF : 112062.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.074+/-0.023 χ^2/NDF : 100107.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

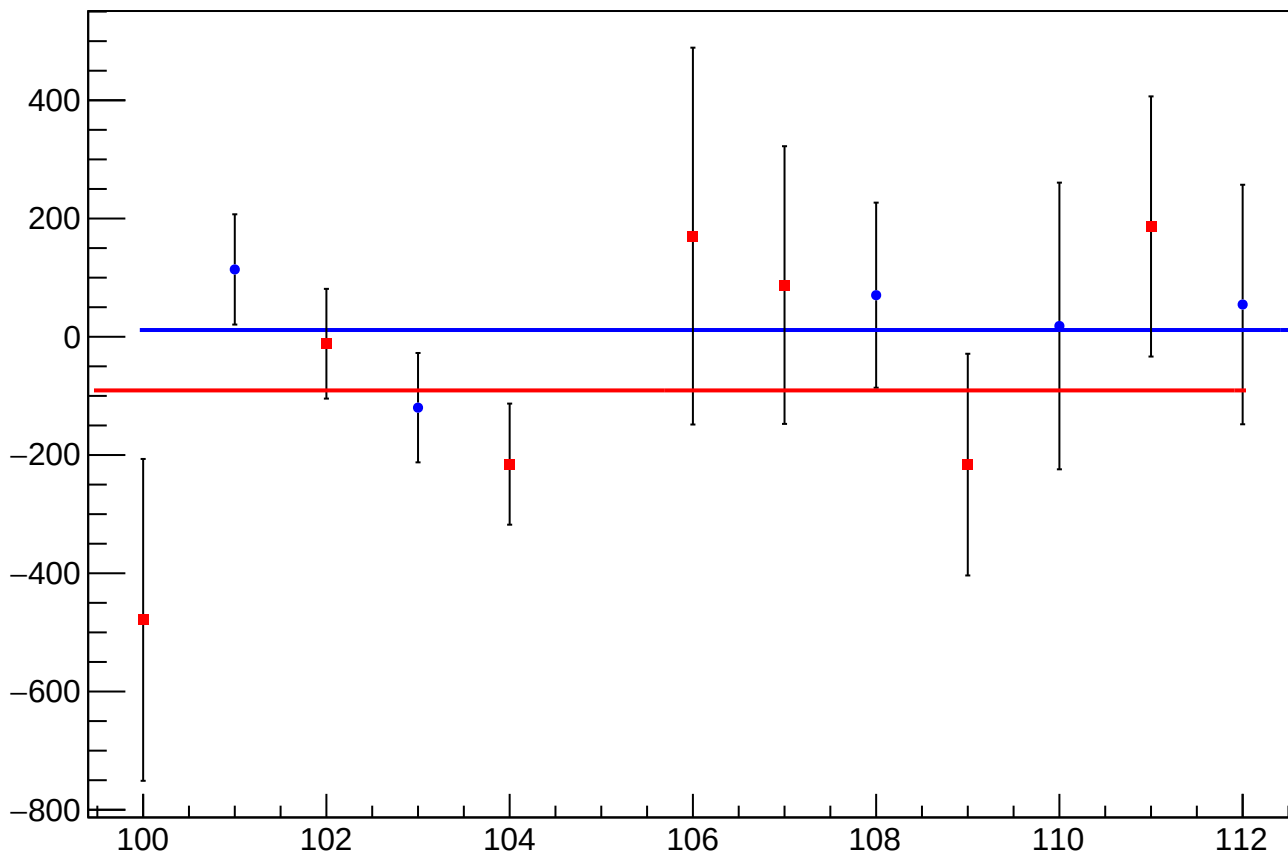
Right: 52.872+/-0.017 χ^2/NDF : 226436.3/11

In: 55.118+/-0.025 χ^2/NDF : 112062.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.872+/-0.017 χ^2/NDF : 226436.3/11

asym_sam_15_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 11.445+/-56.425 χ^2/NDF : 3.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -90.726+/-57.538 χ^2/NDF : 7.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

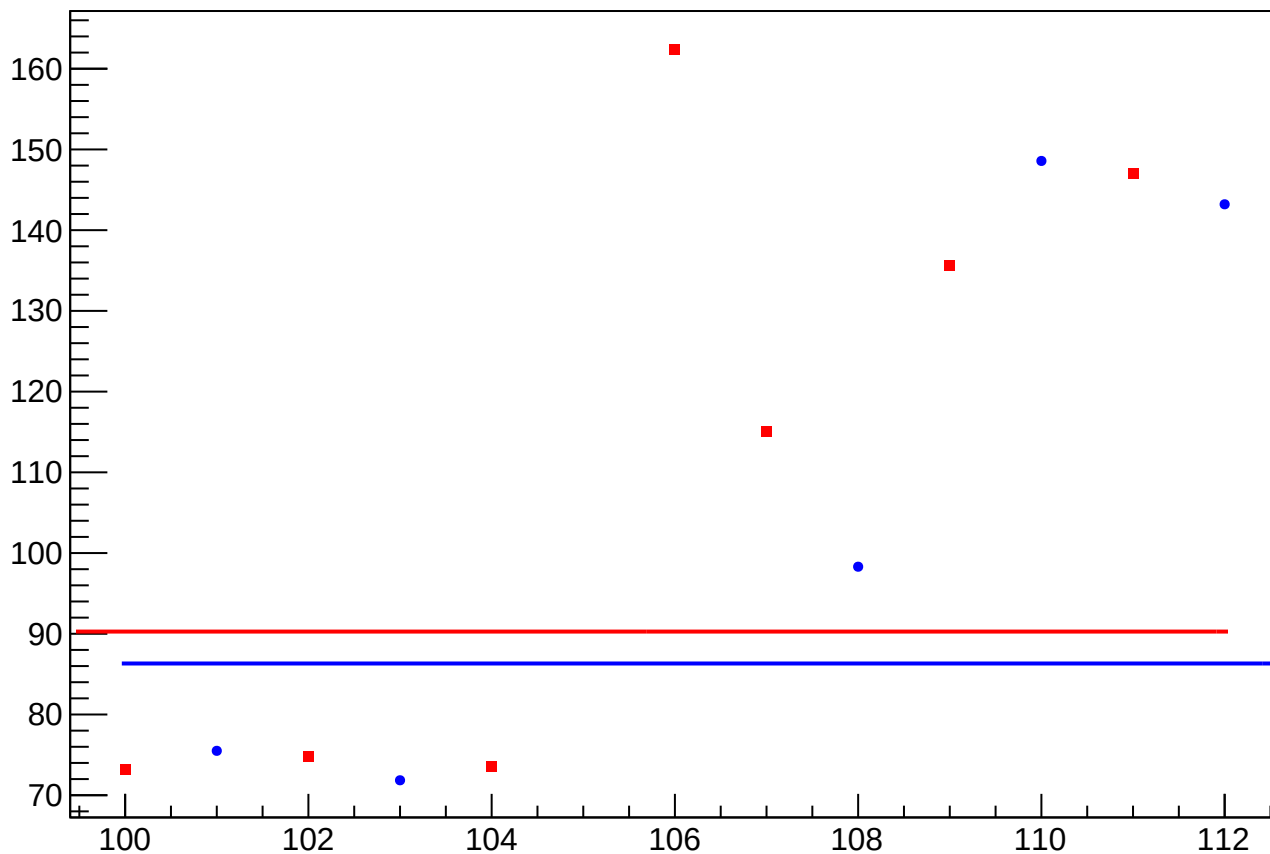
Right: -38.643+/-40.286 χ^2/NDF : 12.5/11

In: 11.445+/-56.425 χ^2/NDF : 3.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.643+/-40.286 χ^2/NDF : 12.5/11

asym_sam_15_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 86.319+/-0.040 χ^2/NDF : 377216.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.273+/-0.041 χ^2/NDF : 491705.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

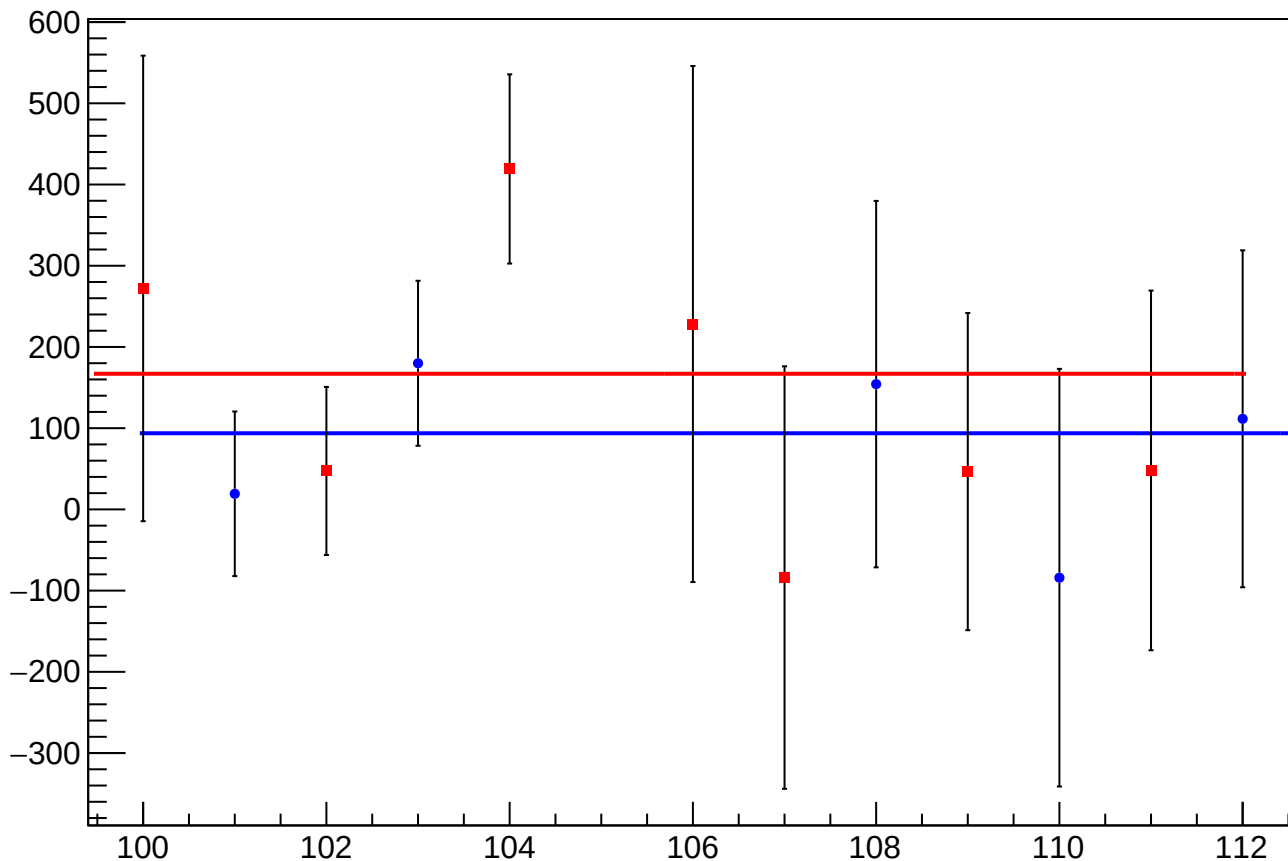
Right: 88.257+/-0.028 χ^2/NDF : 873738.3/11

In: 86.319+/-0.040 χ^2/NDF : 377216.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.257+/-0.028 χ^2/NDF : 873738.3/11

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 93.756+/-62.957 χ^2/NDF : 1.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.002+/-63.170 χ^2/NDF : 7.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

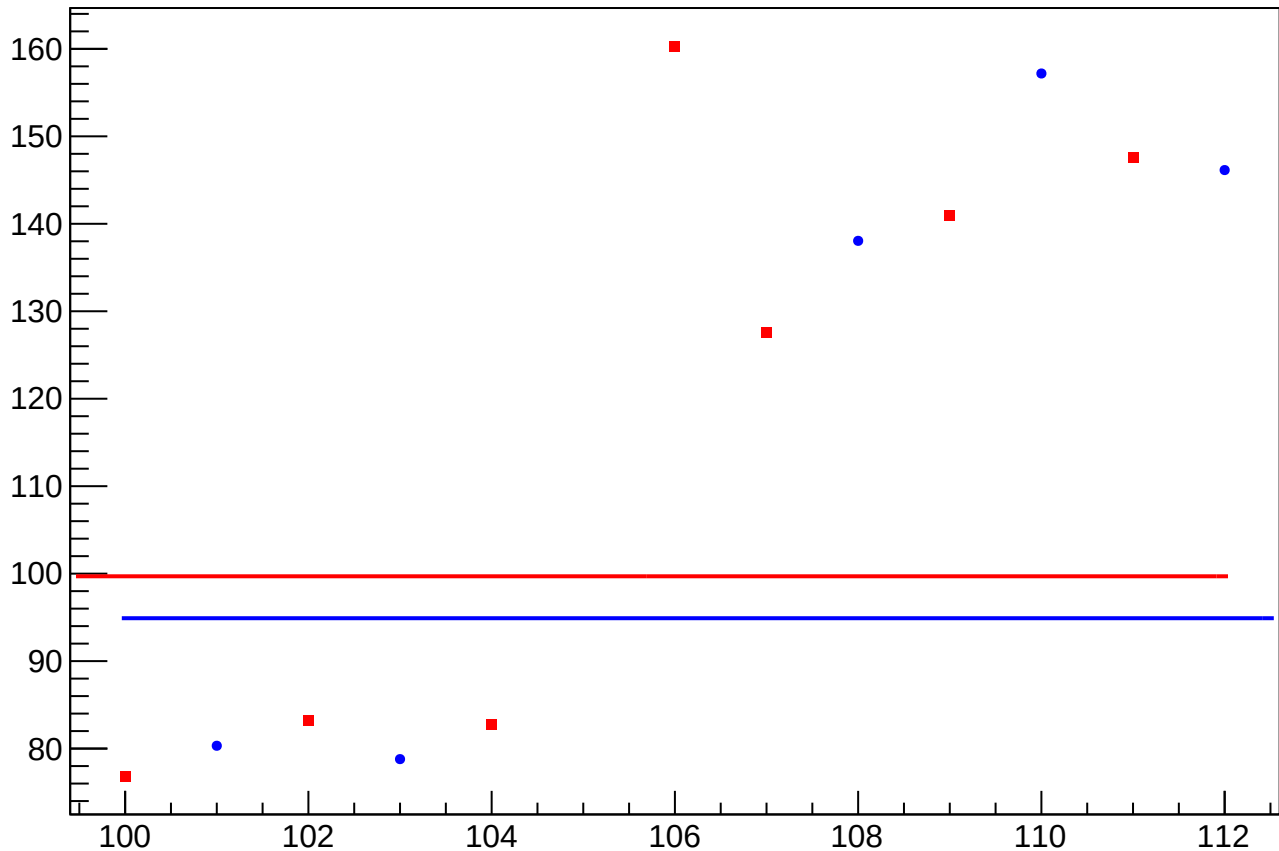
Right: 130.255+/-44.592 χ^2/NDF : 10.3/11

In: 93.756+/-62.957 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.255+/-44.592 χ^2/NDF : 10.3/11

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 94.905+/-0.045 χ^2/NDF : 404278.8/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 99.698+/-0.045 χ^2/NDF : 384673.9/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

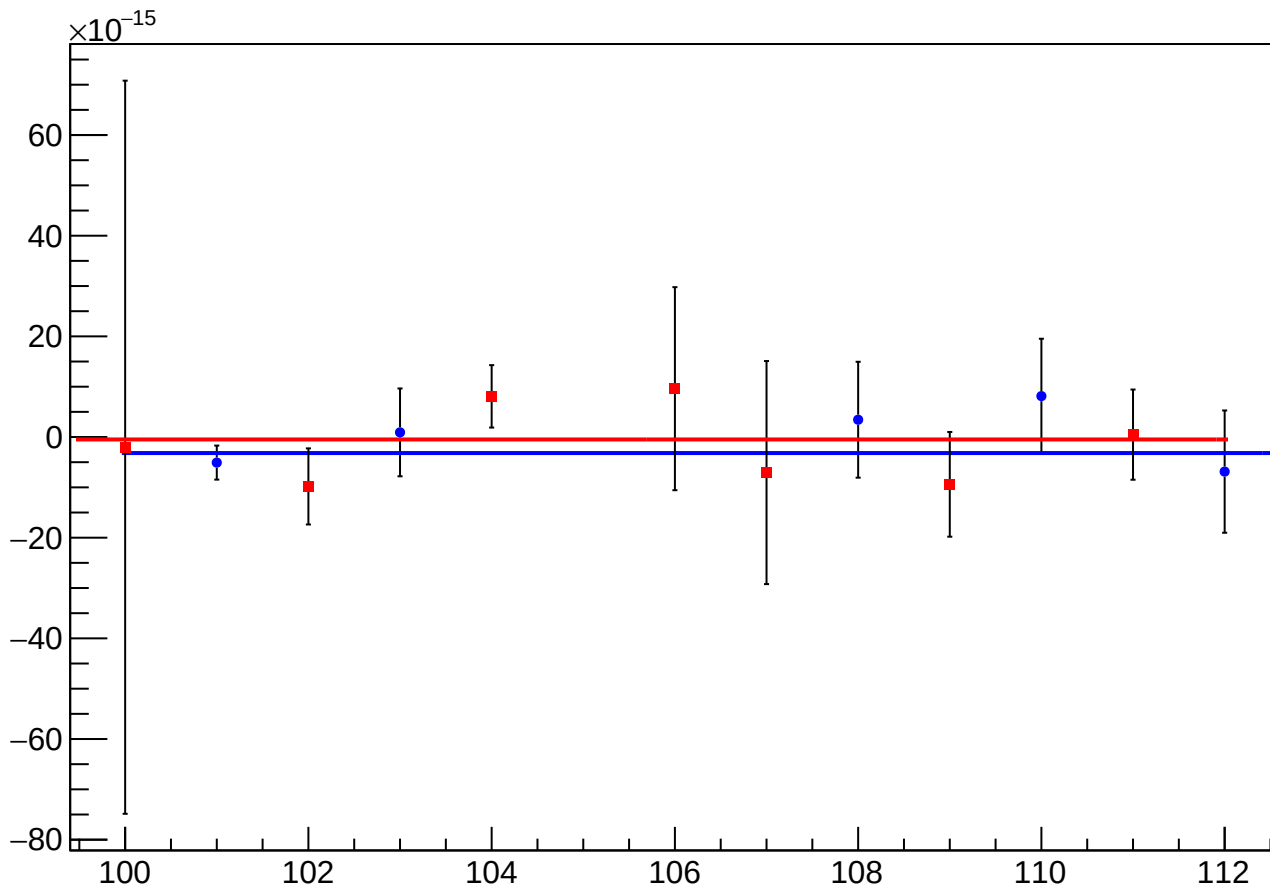
Right: 97.293+/-0.032 χ^2/NDF : 794729.6/11

In: 94.905+/-0.045 χ^2/NDF :404278.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 97.293+/-0.032 χ^2/NDF : 794729.6/11

asym_sam_15_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.9/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.5/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

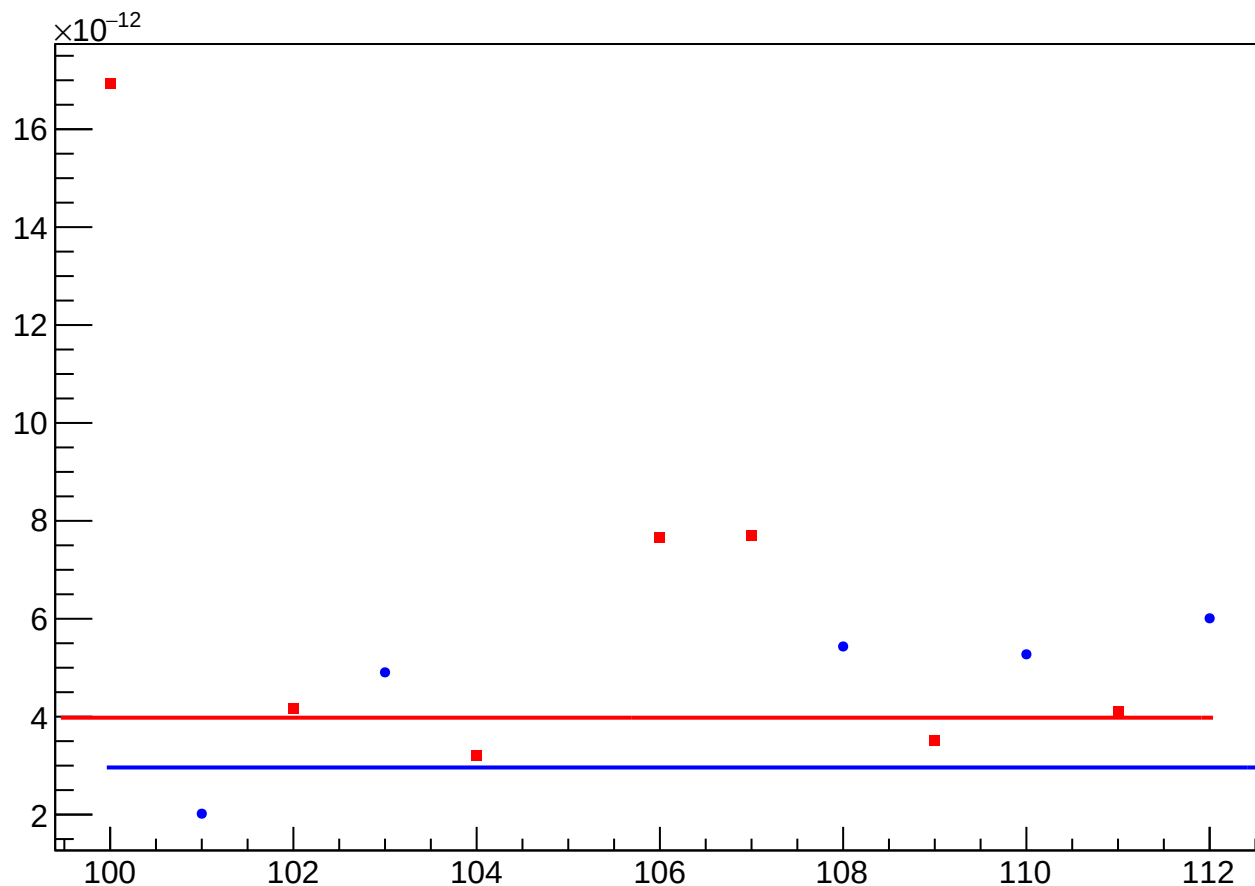
Right: -0.000+/-0.000 χ^2/NDF : 6.8/11

In: -0.000+/-0.000 χ^2/NDF :1.9/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.8/11

asym_sam_15_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 555485.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 222571.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

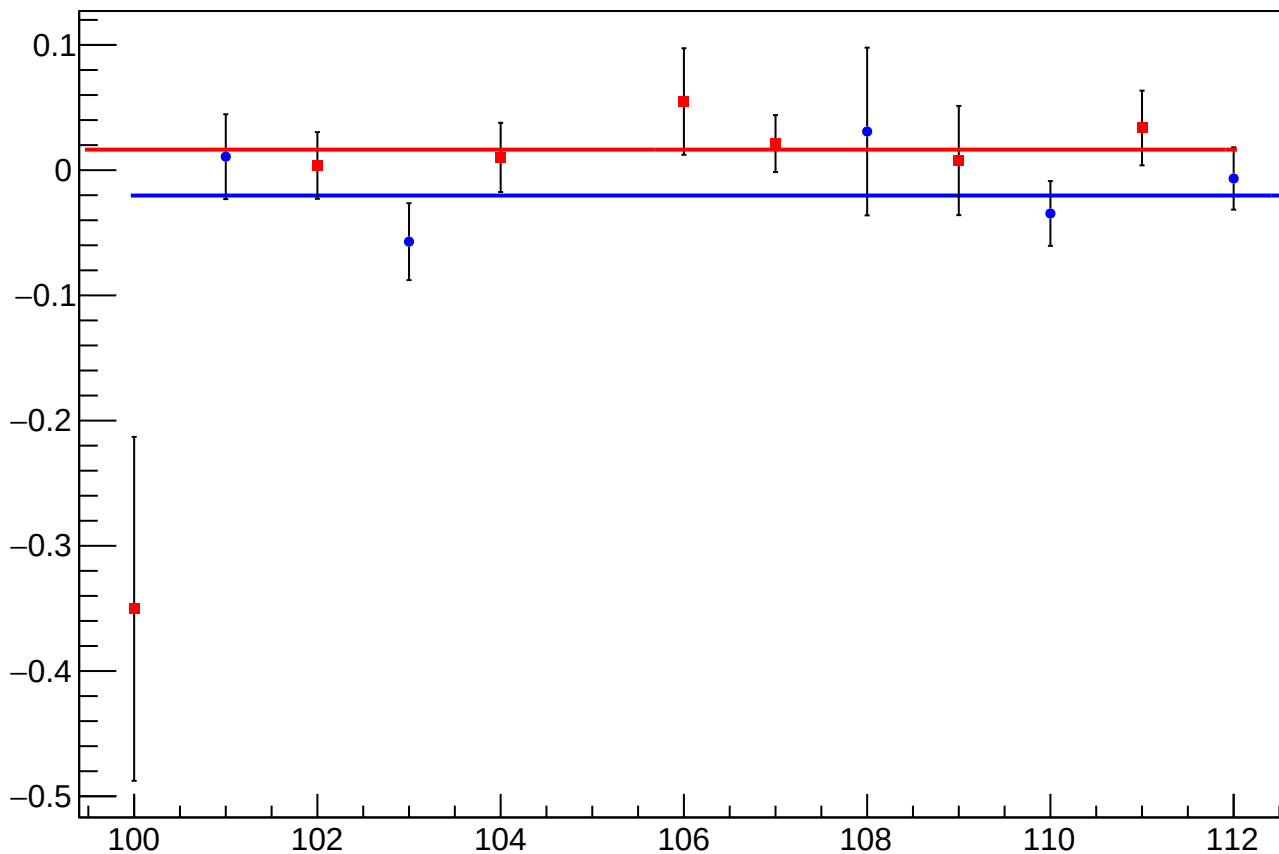
Right: 0.000+/-0.000 χ^2/NDF : 870164.9/11

In: 0.000+/-0.000 χ^2/NDF : 555485.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 870164.9/11

asym_sam_15_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.014 χ^2/NDF : 3.5/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.016 ± 0.012 χ^2/NDF : 8.6/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

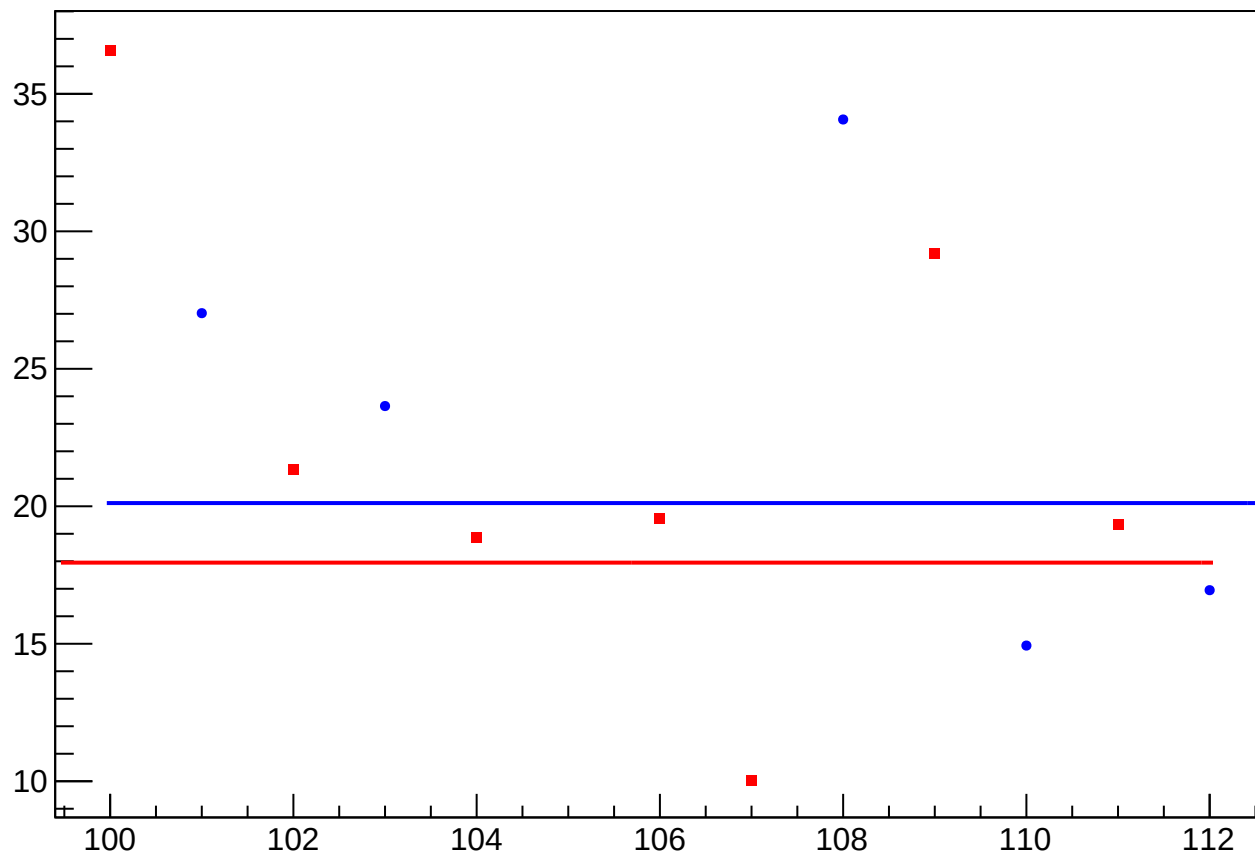
Right: 0.001 ± 0.009 χ^2/NDF : 16.1/11

In: -0.020 ± 0.014 χ^2/NDF : 3.5/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.001 ± 0.009 χ^2/NDF : 16.1/11

asym_sam_15_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.117+/-0.010 χ^2/NDF : 309098.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.951+/-0.009 χ^2/NDF : 454046.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

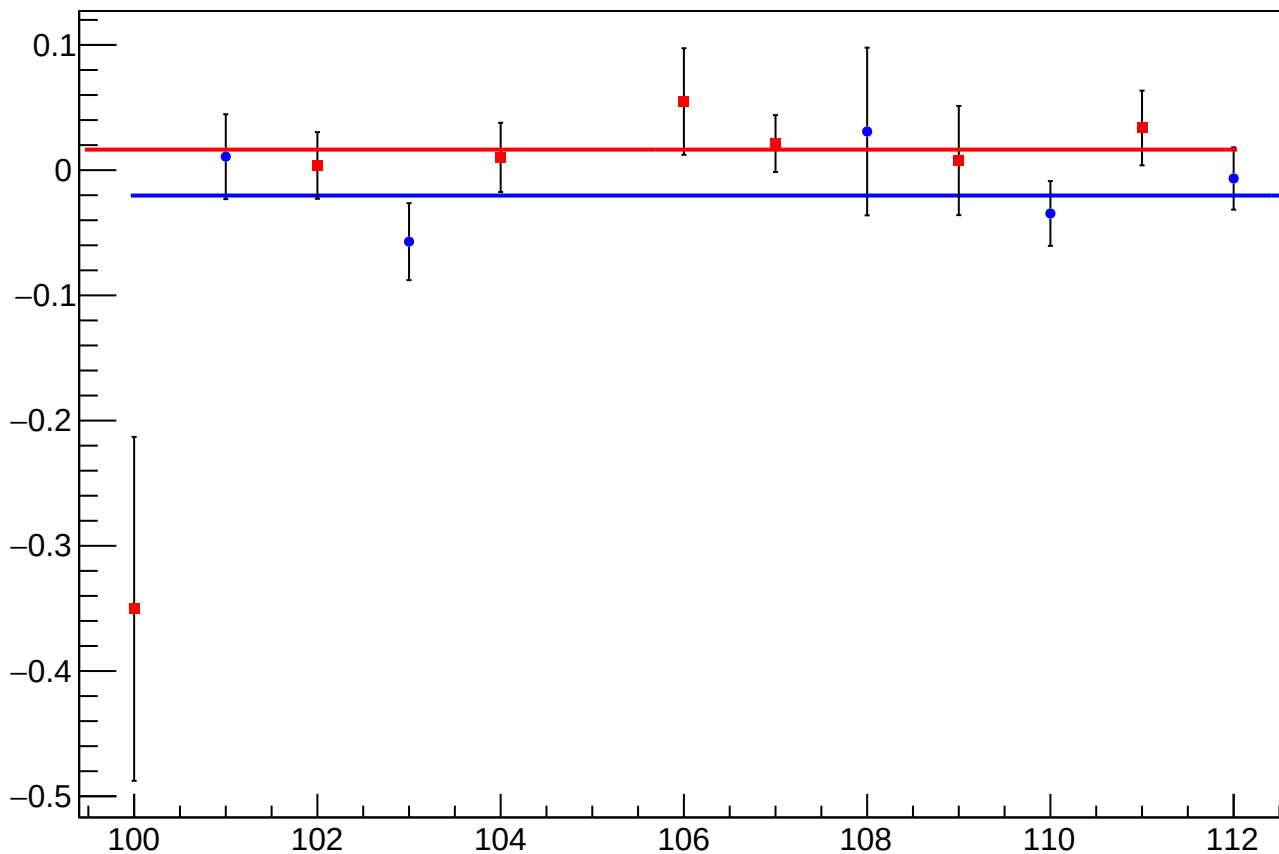
Right: 18.888+/-0.006 χ^2/NDF : 791188.8/11

In: 20.117+/-0.010 χ^2/NDF : 309098.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.888+/-0.006 χ^2/NDF : 791188.8/11

asym_sam_15_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.014 χ^2/NDF : 3.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.012 χ^2/NDF : 8.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

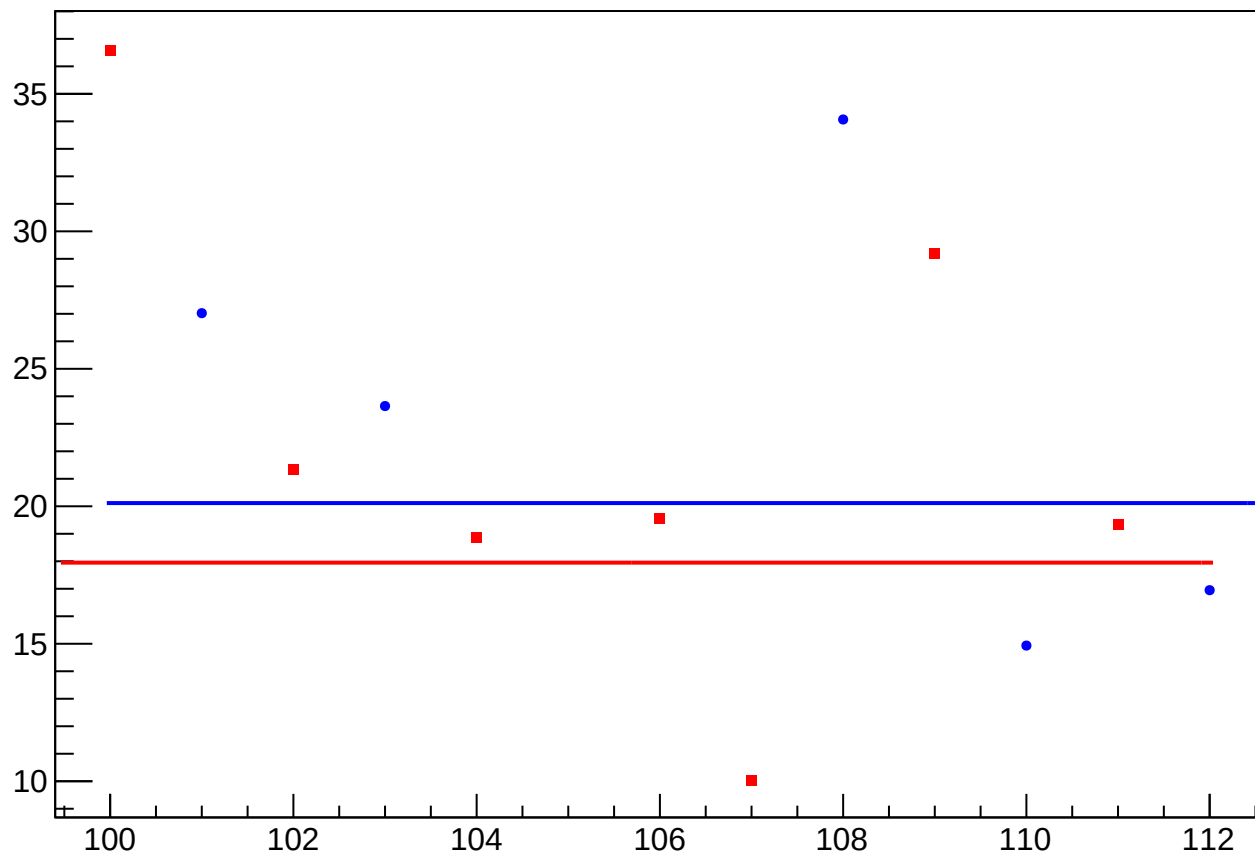
Right: 0.001+/-0.009 χ^2/NDF : 16.1/11

In: -0.020+/-0.014 χ^2/NDF : 3.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.009 χ^2/NDF : 16.1/11

asym_sam_15_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.117 $\pm$ 0.010 χ^2 /NDF: 309098.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 17.951 $\pm$ 0.009 χ^2 /NDF: 454046.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

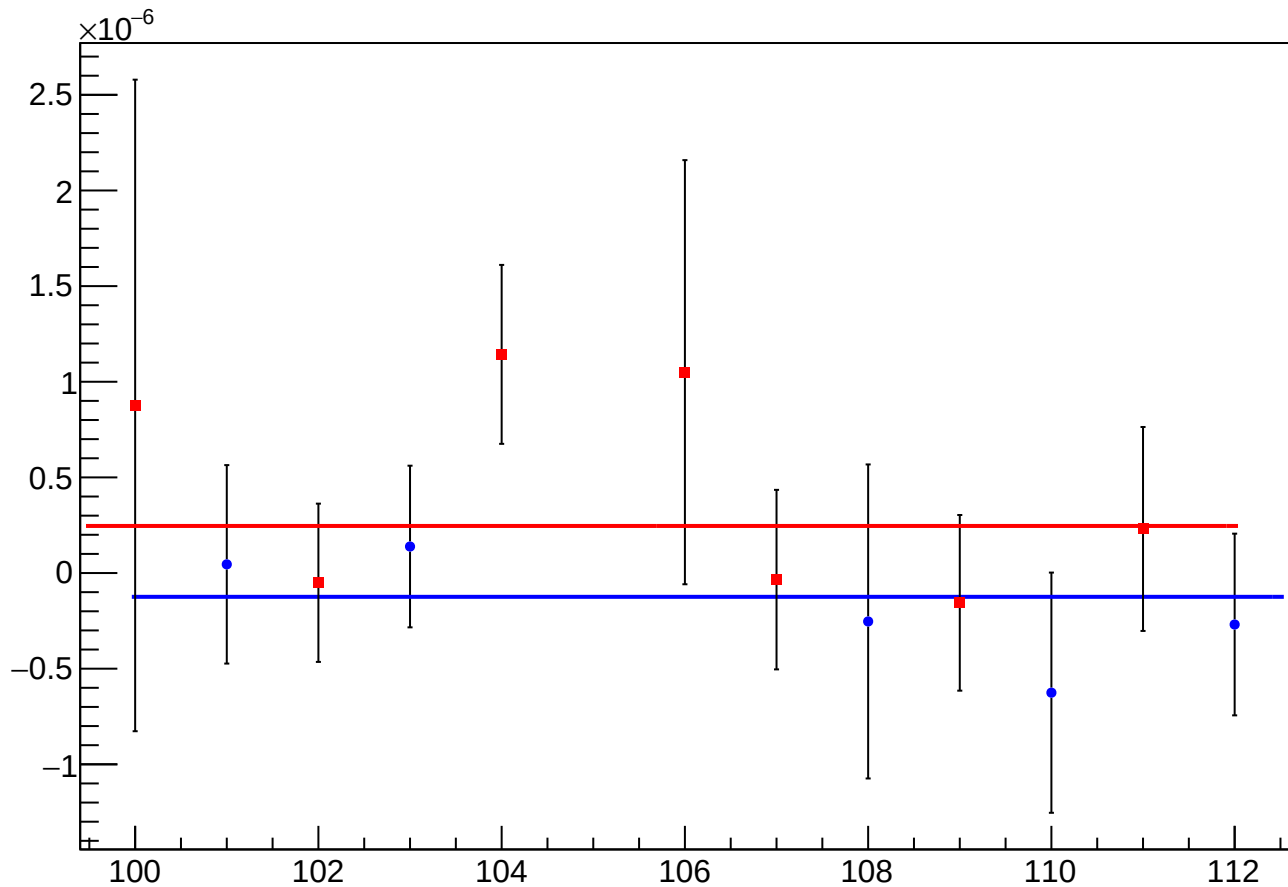
Right: 18.888 $\pm$ 0.006 χ^2 /NDF: 791188.8/11

In: 20.117 $\pm$ 0.010 χ^2 /NDF:309098.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 18.888 $\pm$ 0.006 χ^2 /NDF: 791188.8/11

asym_sam_15_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

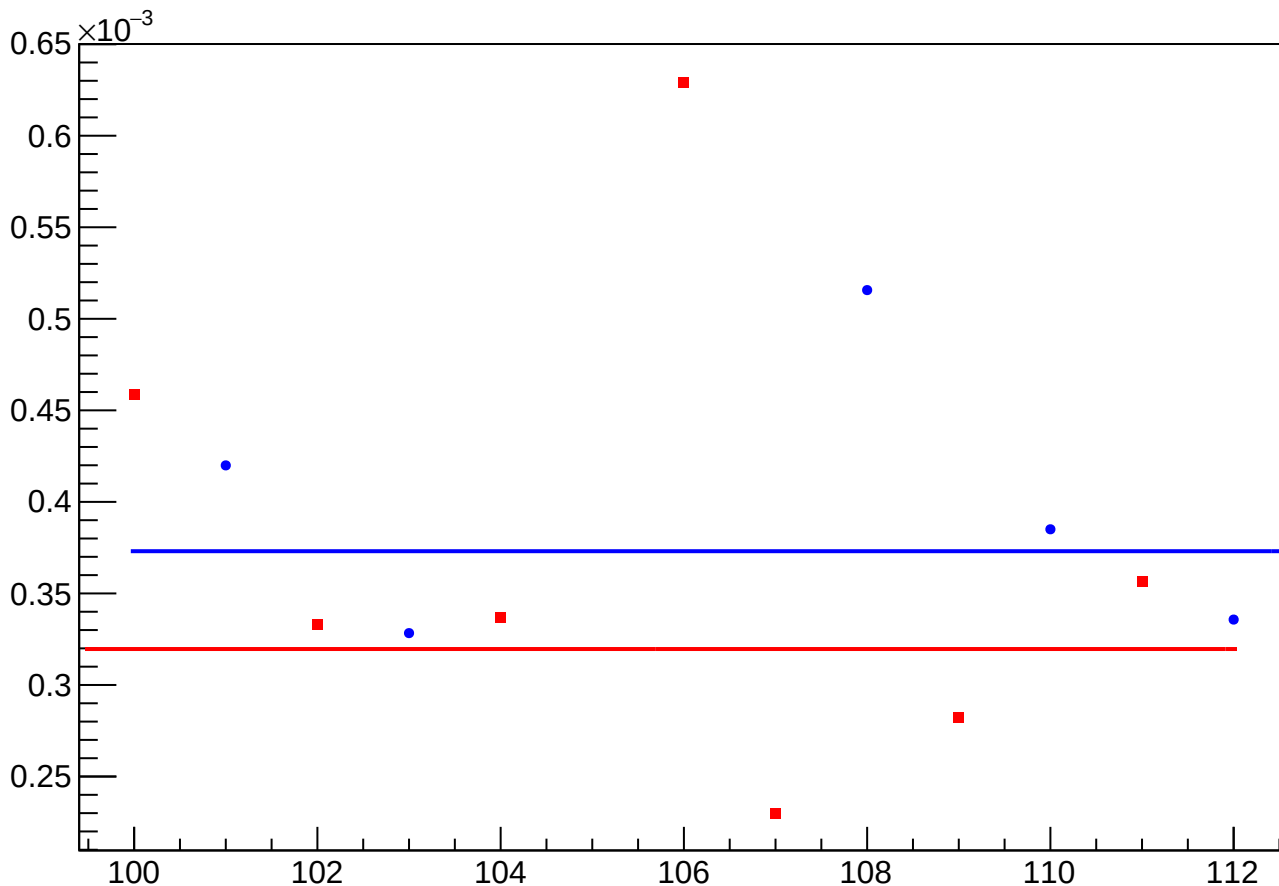
Right: 0.000+/-0.000 χ^2/NDF : 8.6/11

In: -0.000+/-0.000 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.6/11

asym_sam_15_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 112201.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 269788.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

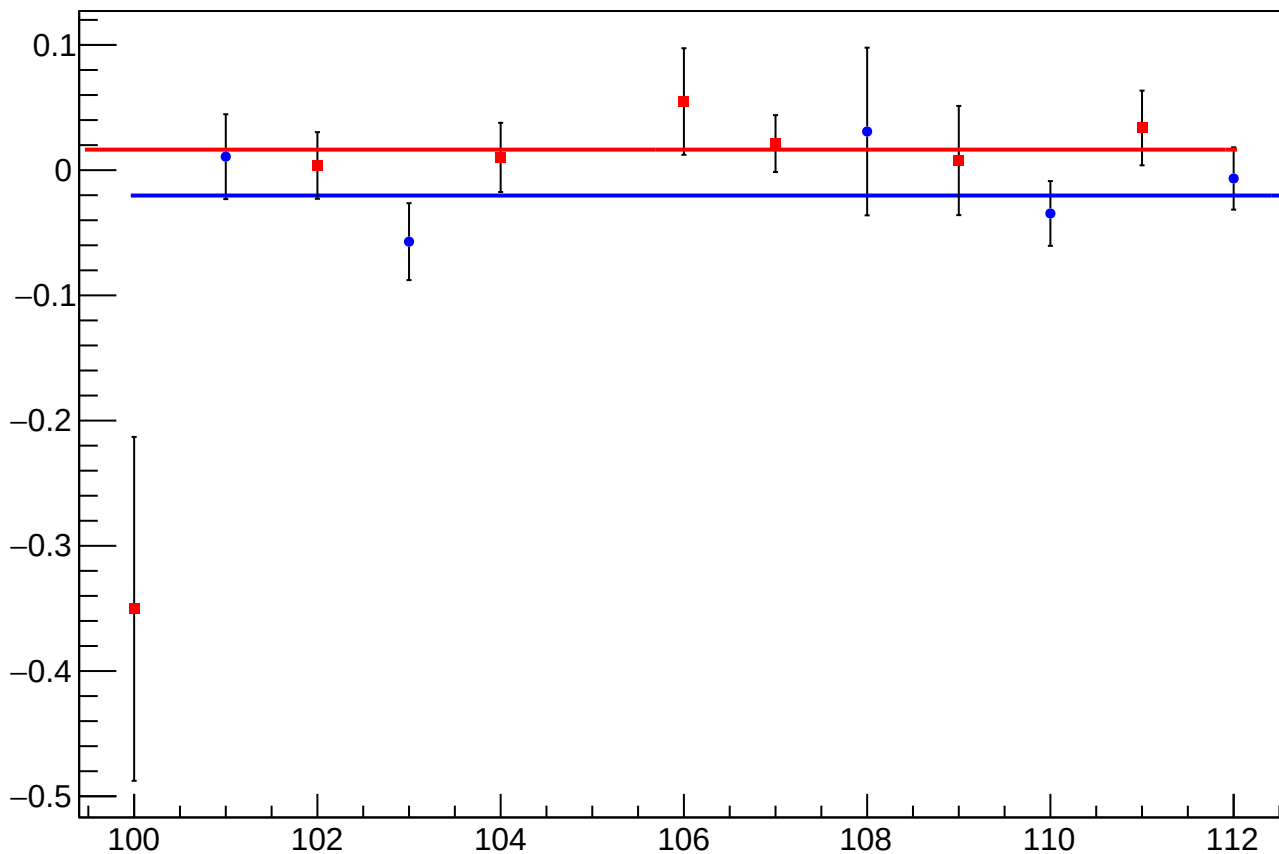
Right: 0.000+/-0.000 χ^2/NDF : 440664.2/11

In: 0.000+/-0.000 χ^2/NDF : 112201.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 440664.2/11

asym_sam_15_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.014 χ^2/NDF : 3.5/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.016 ± 0.012 χ^2/NDF : 8.6/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

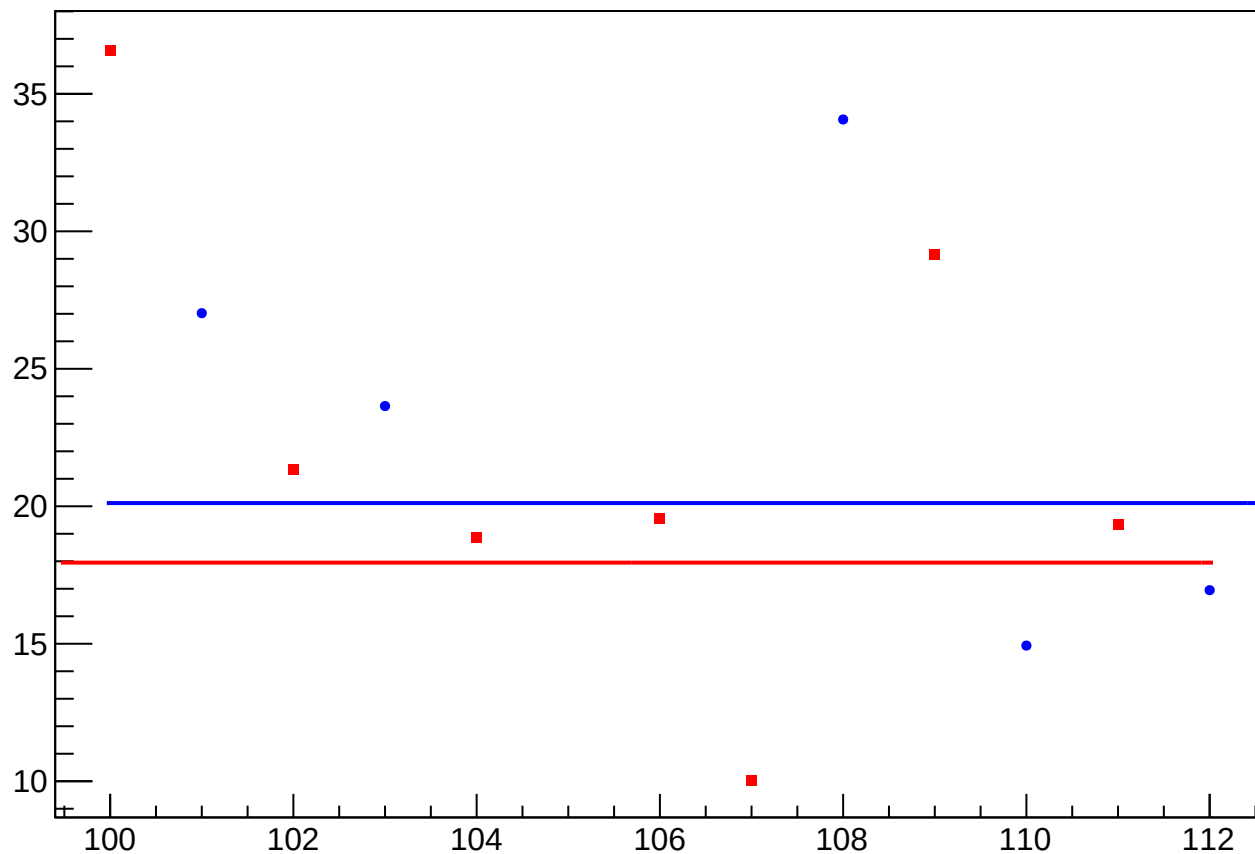
Right: 0.001 ± 0.009 χ^2/NDF : 16.1/11

In: -0.020 ± 0.014 χ^2/NDF : 3.5/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.001 ± 0.009 χ^2/NDF : 16.1/11

asym_sam_15_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.117+/-0.010 χ^2/NDF : 309102.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.951+/-0.009 χ^2/NDF : 454056.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

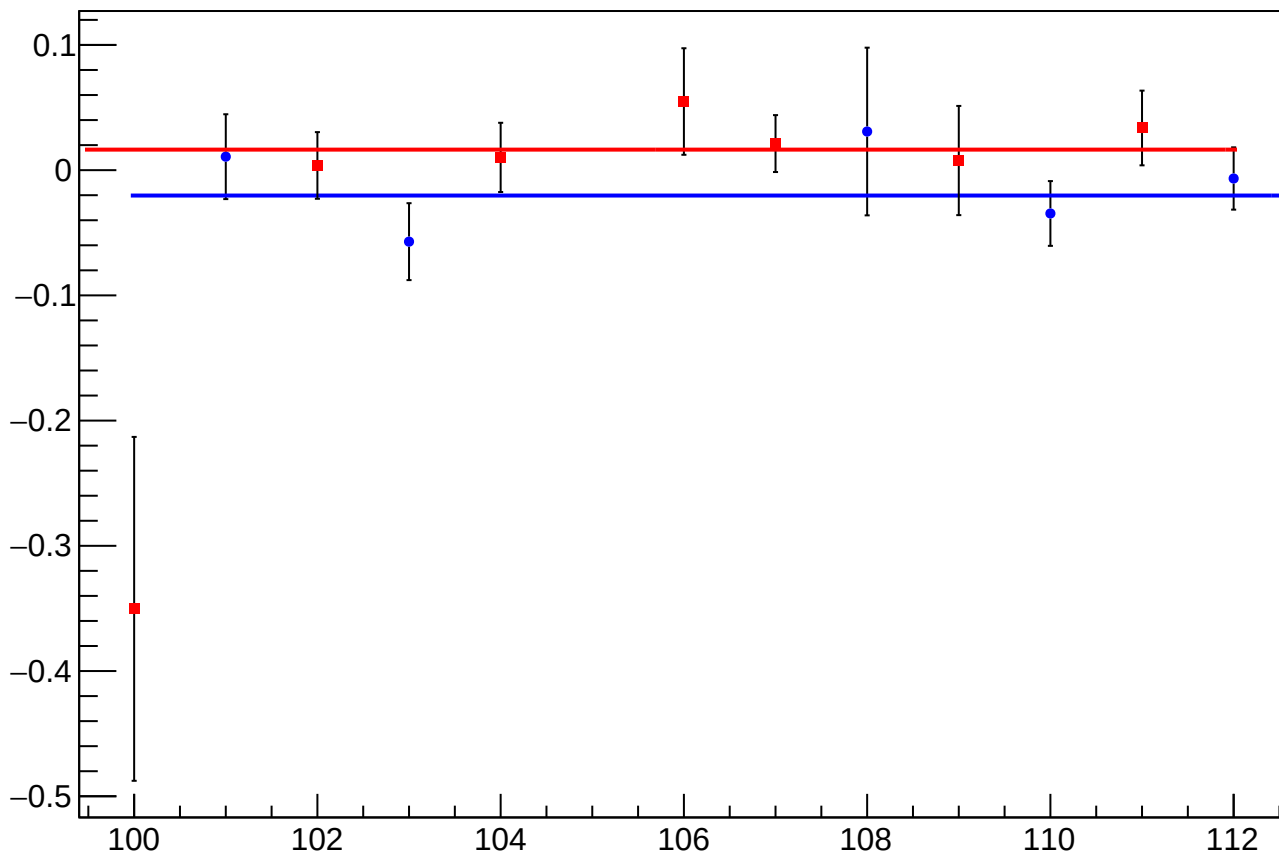
Right: 18.887+/-0.006 χ^2/NDF : 791205.0/11

In: 20.117+/-0.010 χ^2/NDF : 309102.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.887+/-0.006 χ^2/NDF : 791205.0/11

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.014 χ^2/NDF : 3.5/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.016 ± 0.012 χ^2/NDF : 8.6/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

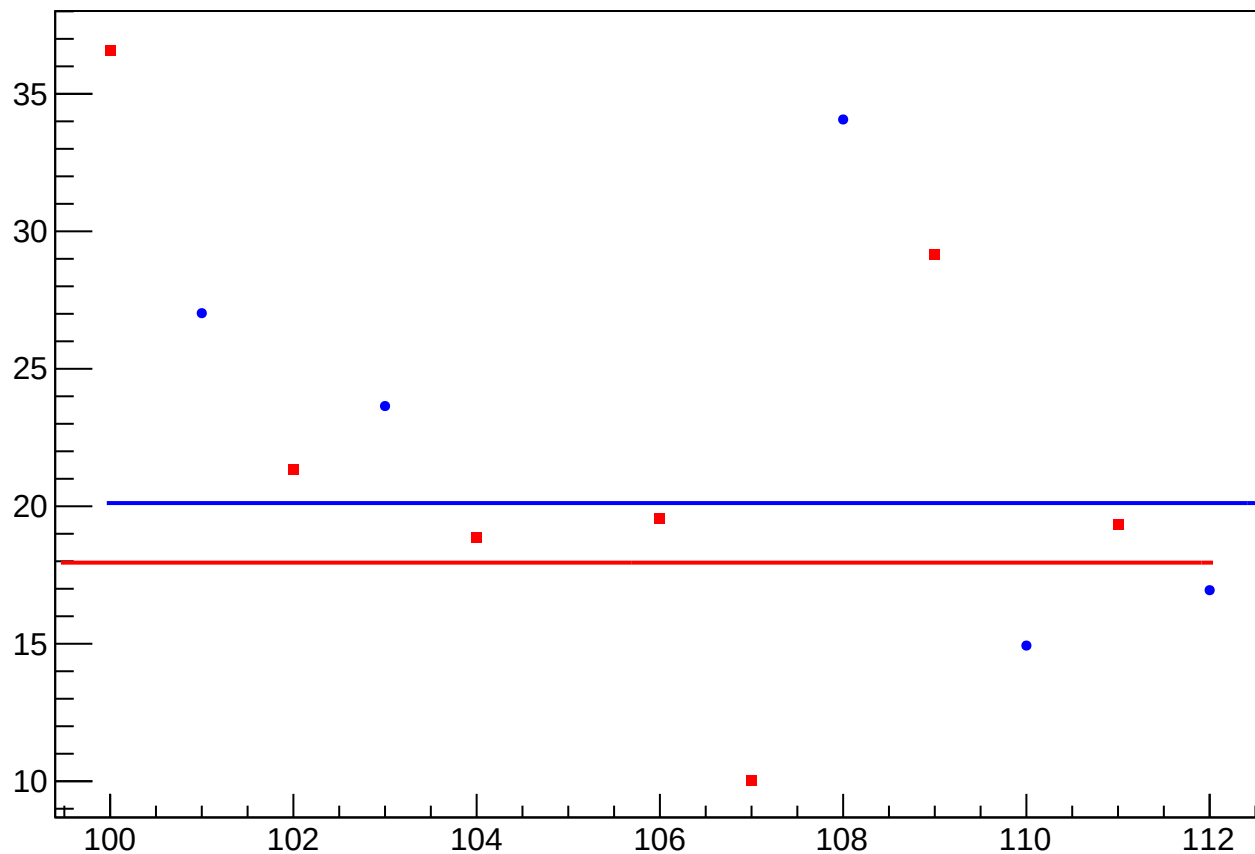
Right: 0.001 ± 0.009 χ^2/NDF : 16.1/11

In: -0.020 ± 0.014 χ^2/NDF : 3.5/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.001 ± 0.009 χ^2/NDF : 16.1/11

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.117+/-0.010 χ^2/NDF : 309102.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.951+/-0.009 χ^2/NDF : 454056.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

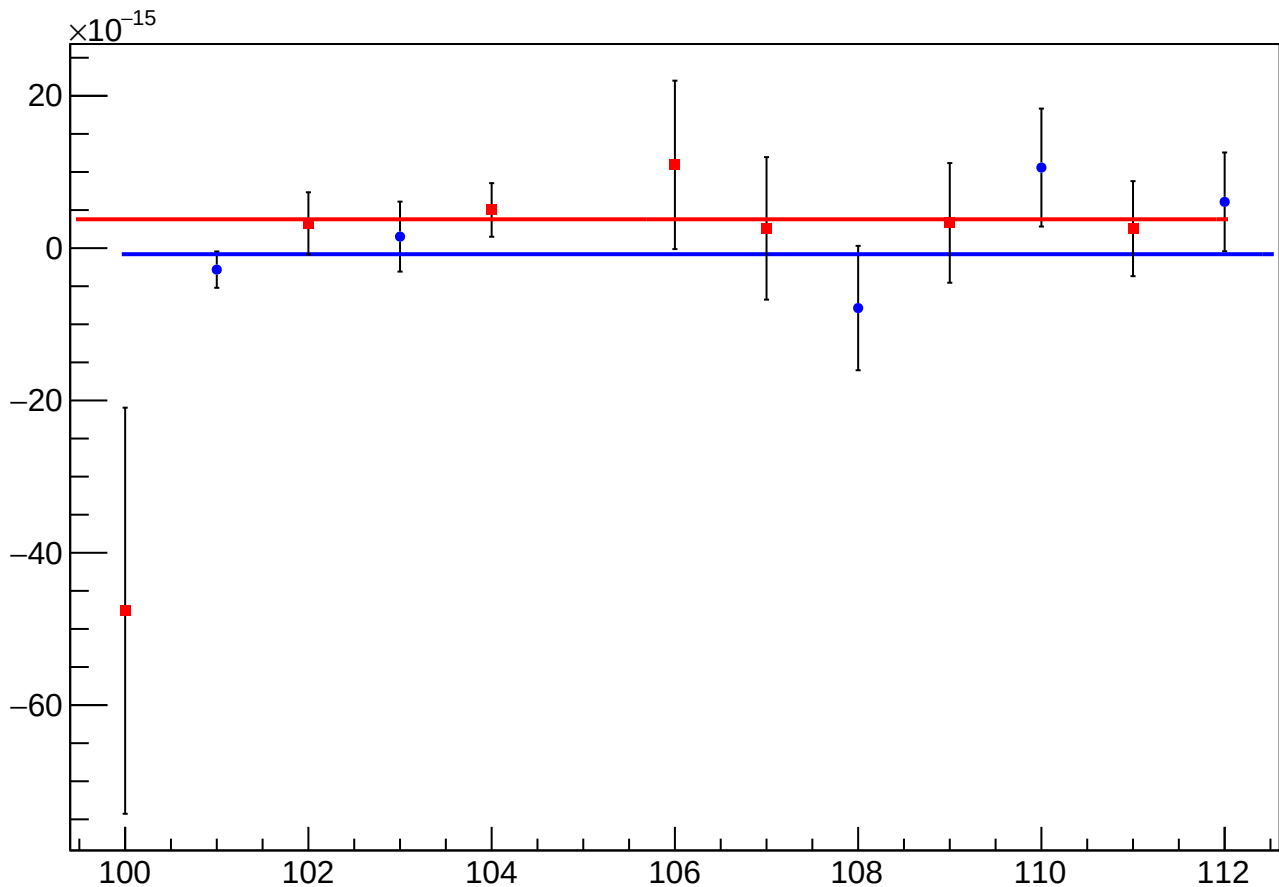
Right: 18.887+/-0.006 χ^2/NDF : 791205.0/11

In: 20.117+/-0.010 χ^2/NDF : 309102.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.887+/-0.006 χ^2/NDF : 791205.0/11

asym_sam_15_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 5.0/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 4.3/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

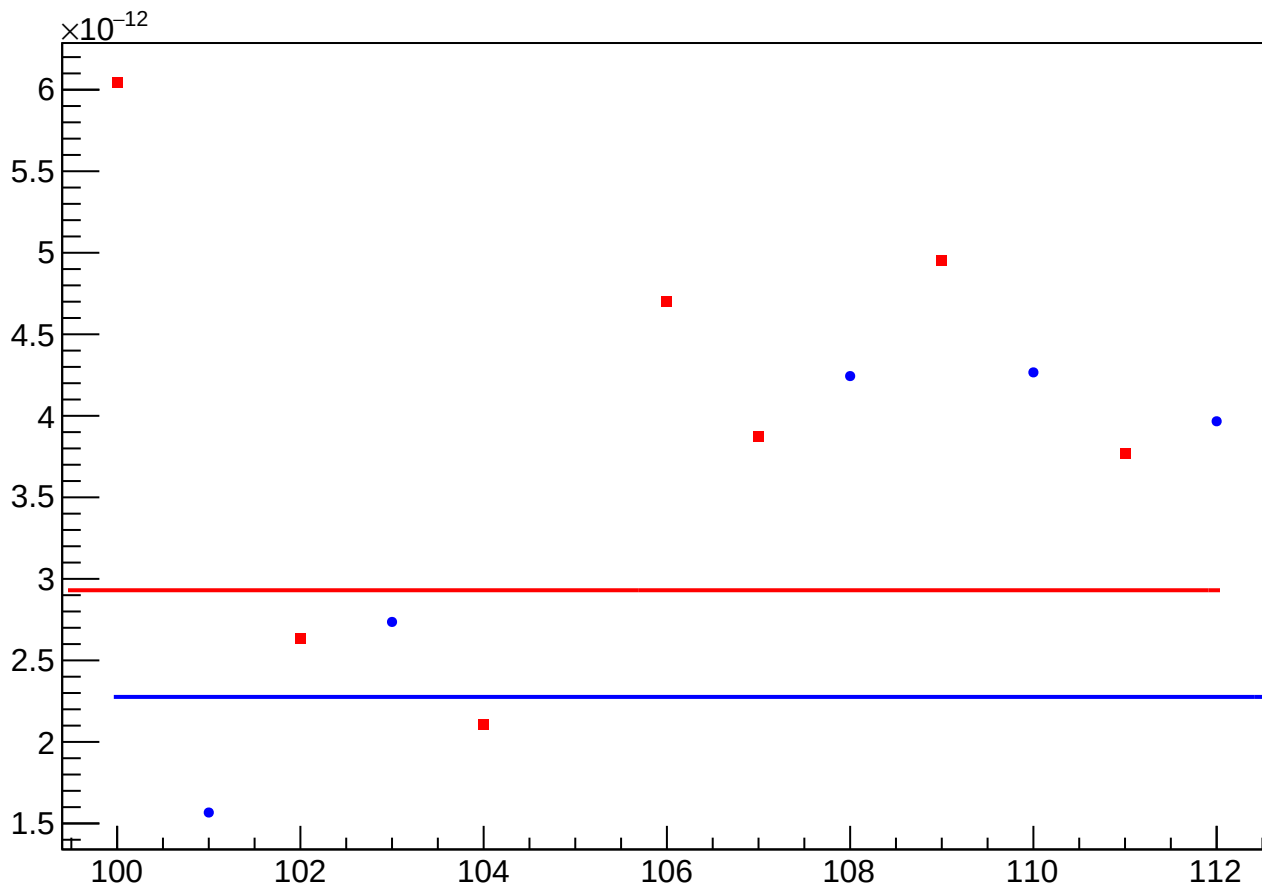
Right: 0.000 ± 0.000 χ^2/NDF : 11.8/11

In: -0.000 ± 0.000 χ^2/NDF : 5.0/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 11.8/11

asym_sam_15_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 581132.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 386477.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

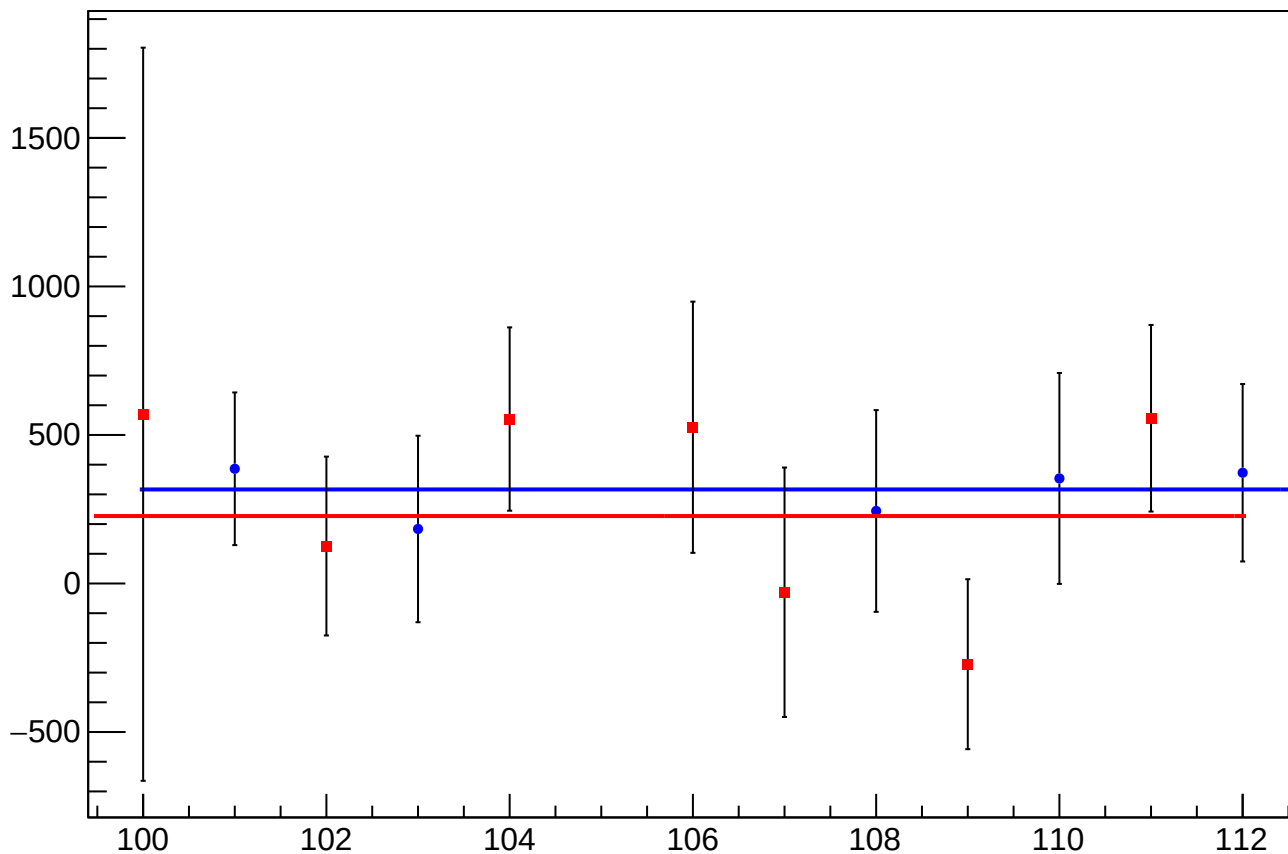
Right: 0.000+/-0.000 χ^2/NDF : 1068334.5/11

In: 0.000+/-0.000 χ^2/NDF : 581132.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1068334.5/11

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 316.593+/-137.225 χ^2/NDF : 0.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 227.070+/-133.851 χ^2/NDF : 6.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

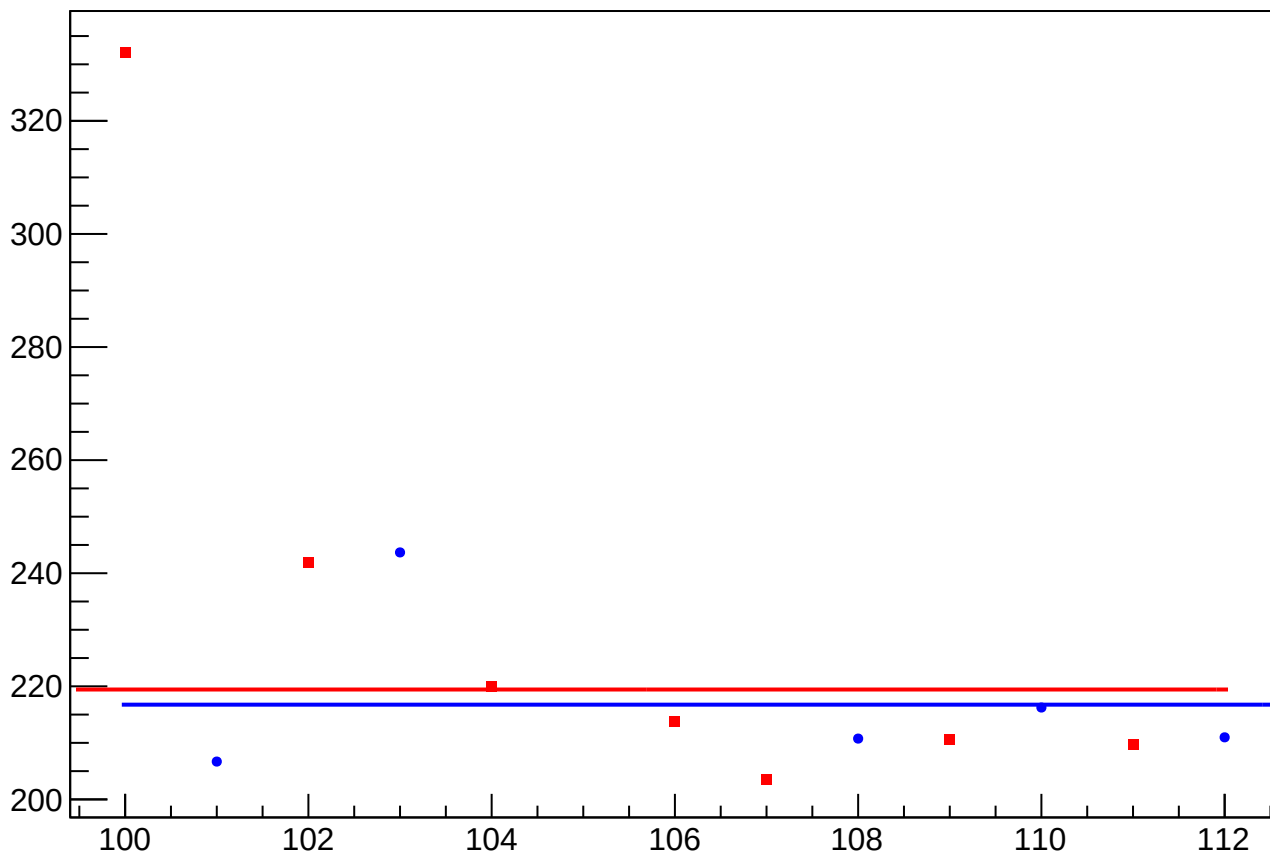
Right: 270.718+/-95.817 χ^2/NDF : 6.9/11

In: 316.593+/-137.225 χ^2/NDF : 0.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 270.718+/-95.817 χ^2/NDF : 6.9/11

reg_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 216.755+/-0.097 χ^2/NDF : 19153.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 219.435+/-0.095 χ^2/NDF : 34738.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

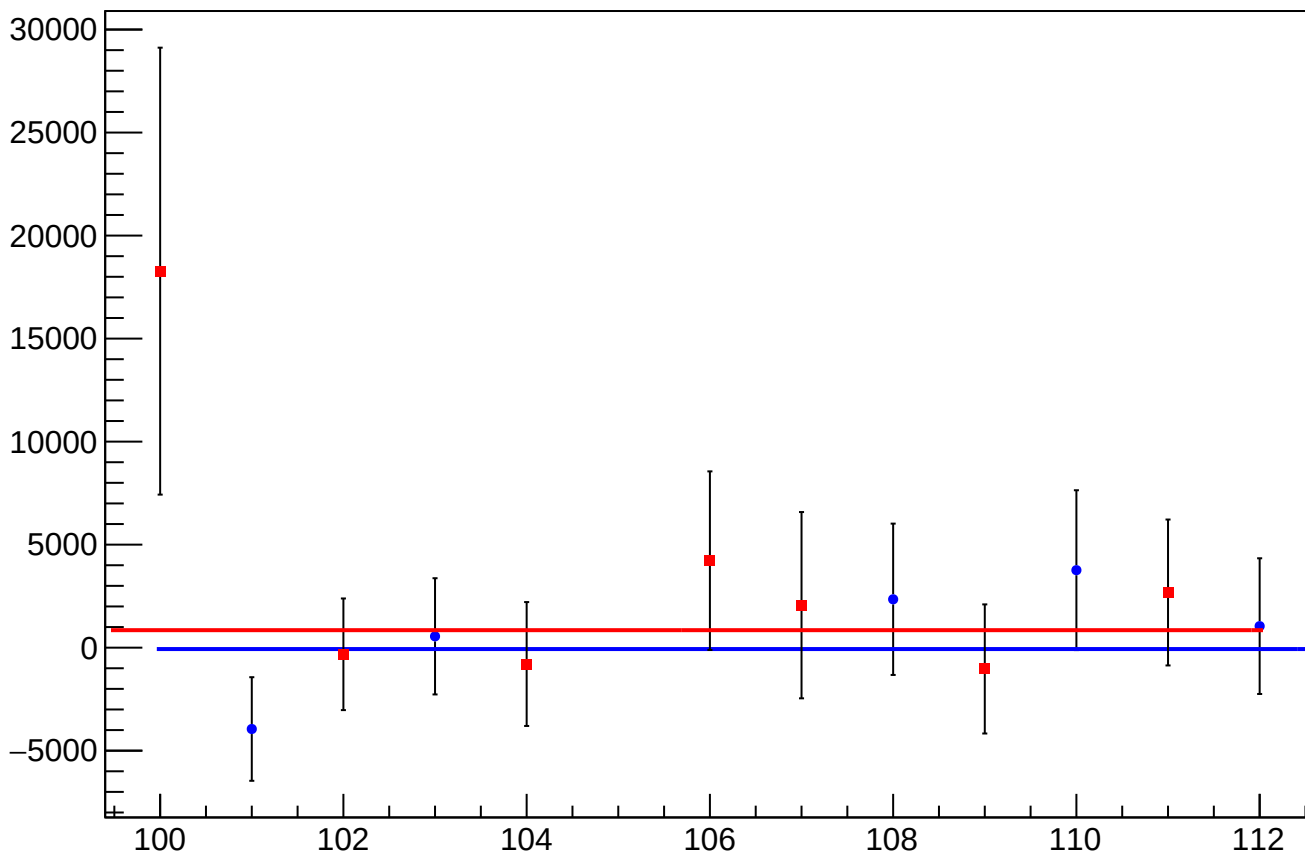
Right: 218.128+/-0.068 χ^2/NDF : 54283.6/11

In: 216.755+/-0.097 χ^2/NDF : 19153.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 218.128+/-0.068 χ^2/NDF : 54283.6/11

asym_sam_26_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -67.523+/-1391.053 χ^2/NDF : 4.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 848.843+/-1361.867 χ^2/NDF : 4.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

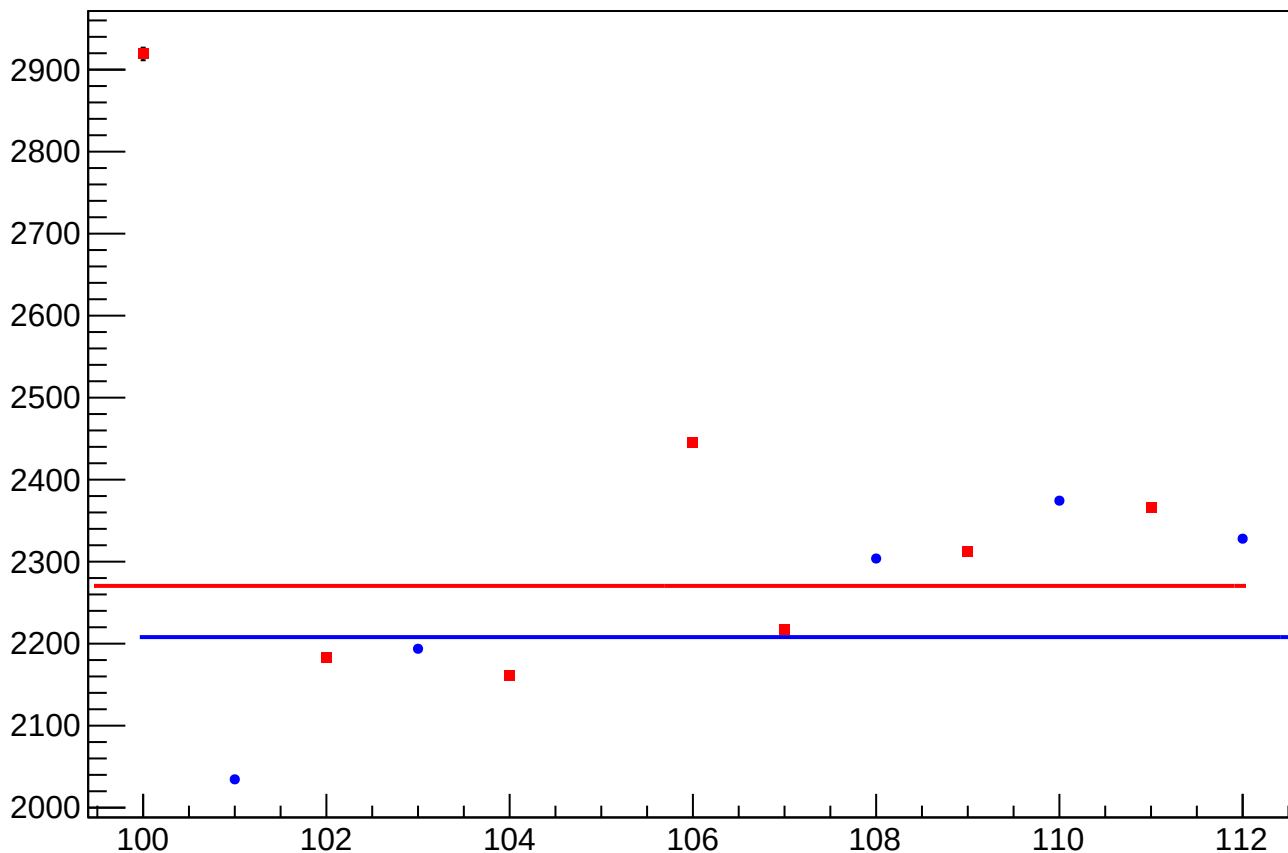
Right: 400.374+/-973.140 χ^2/NDF : 8.5/11

In: -67.523+/-1391.053 χ^2/NDF : 4.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 400.374+/-973.140 χ^2/NDF : 8.5/11

asym_sam_26_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2207.995+/-0.984 χ^2/NDF : 17271.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2270.452+/-0.963 χ^2/NDF : 17220.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

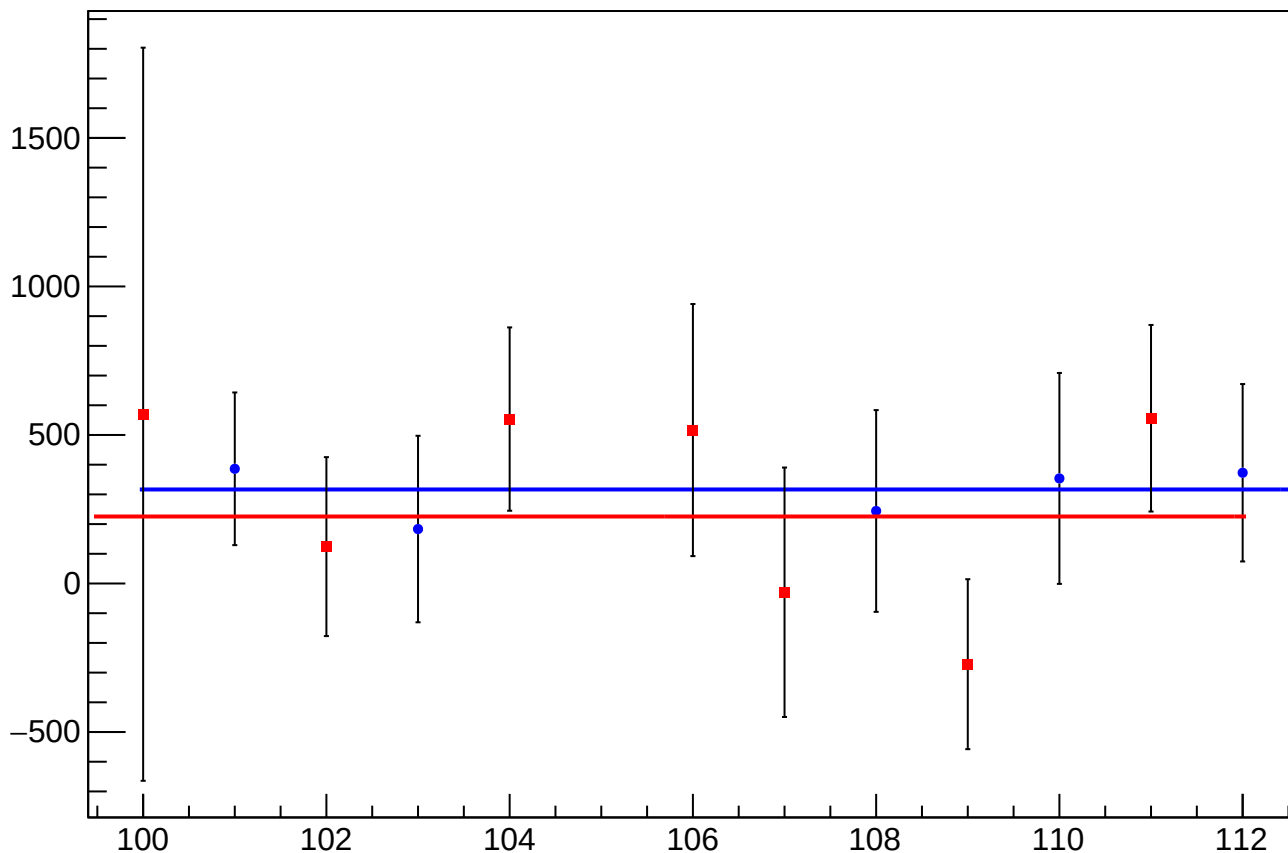
Right: 2239.886+/-0.688 χ^2/NDF : 36551.1/11

In: 2207.995+/-0.984 χ^2/NDF : 17271.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2239.886+/-0.688 χ^2/NDF : 36551.1/11

cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 316.562 $\pm$ 137.225 χ^2 /NDF: 0.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 225.559 $\pm$ 133.913 χ^2 /NDF: 6.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

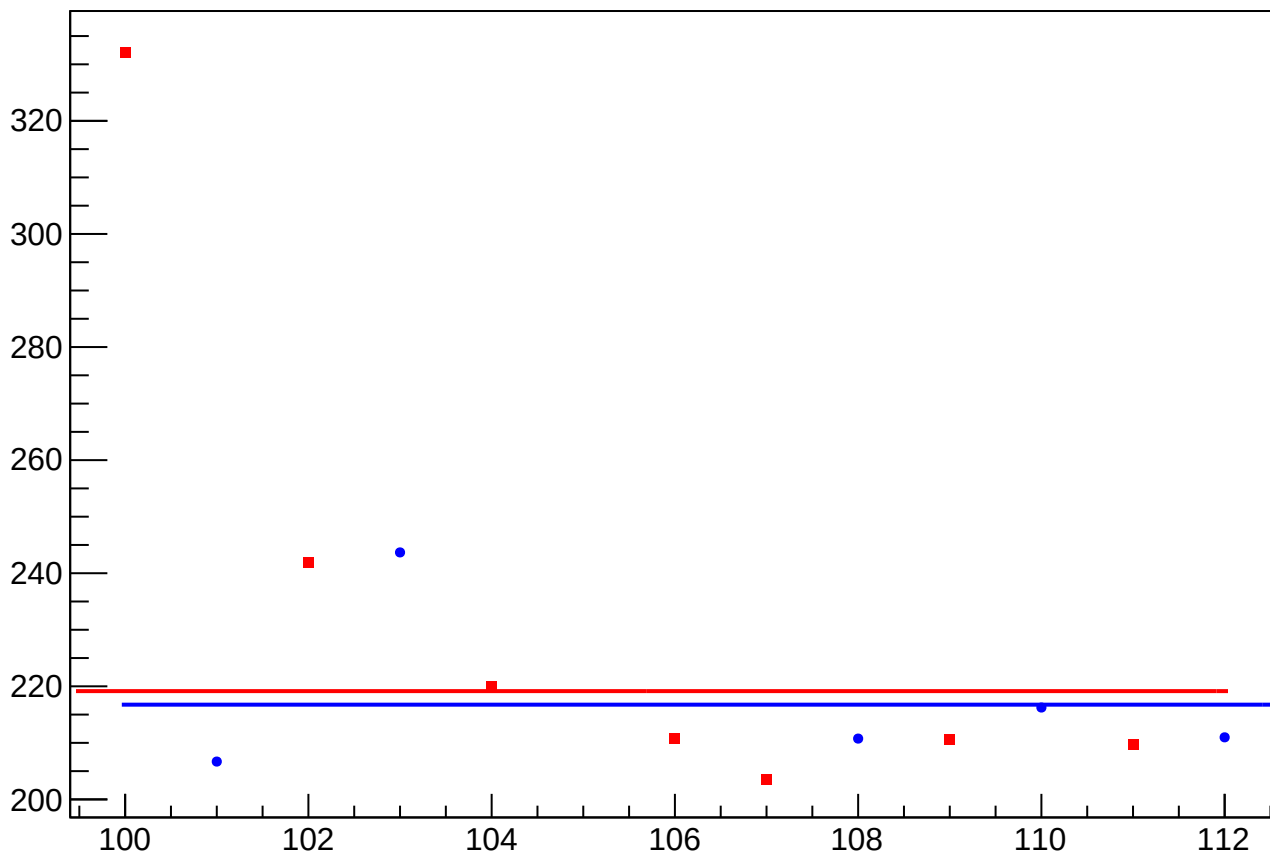
Right: 269.949 $\pm$ 95.840 χ^2 /NDF: 6.9/11

In: 316.562 $\pm$ 137.225 χ^2 /NDF:0.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 269.949 $\pm$ 95.840 χ^2 /NDF: 6.9/11

cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 216.755 $\pm$ 0.097 χ^2 /NDF: 19154.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 219.152 $\pm$ 0.095 χ^2 /NDF: 35340.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

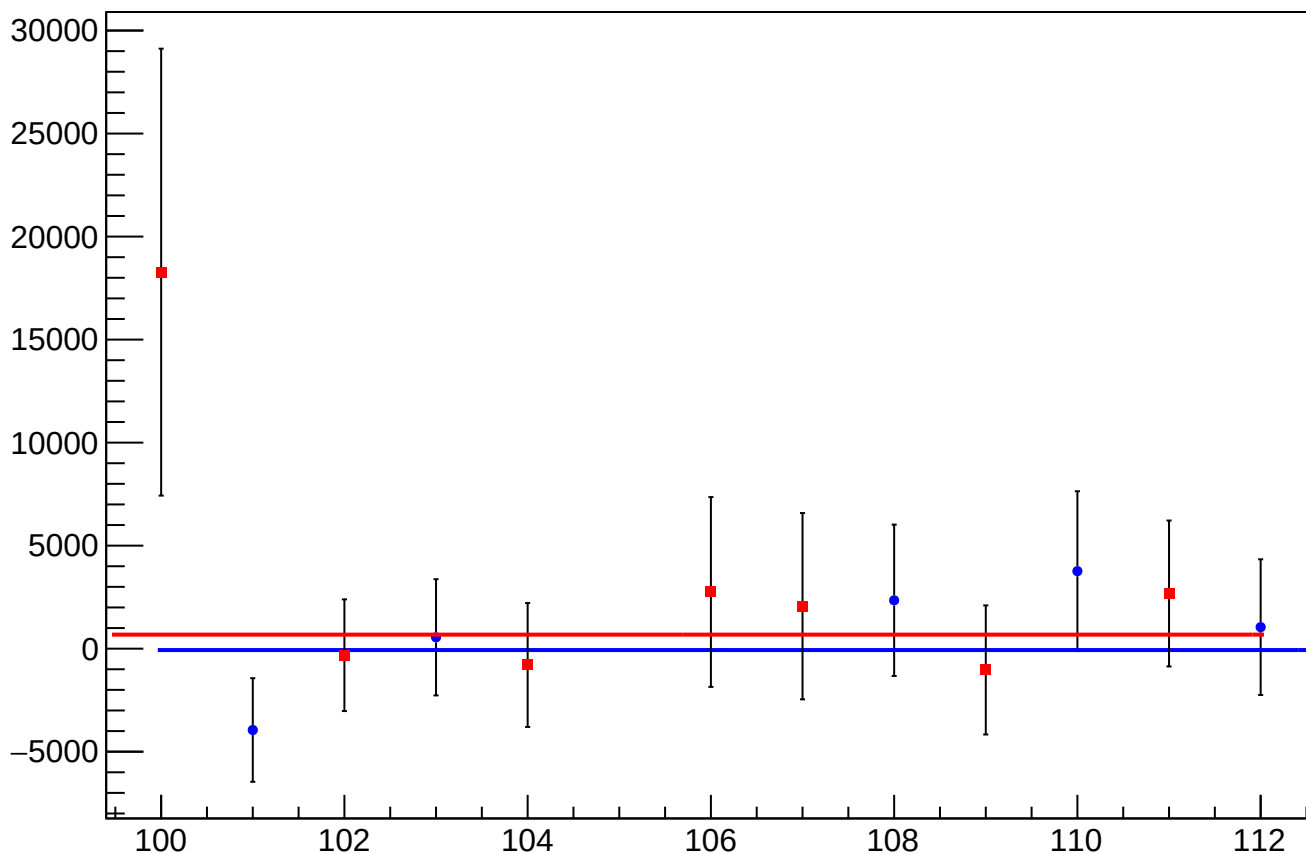
Right: 217.983 $\pm$ 0.068 χ^2 /NDF: 54807.6/11

In: 216.755 $\pm$ 0.097 χ^2 /NDF:19154.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 217.983 $\pm$ 0.068 χ^2 /NDF: 54807.6/11

asym_sam_26_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -67.255+/-1391.072 χ^2/NDF : 4.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 681.884+/-1369.882 χ^2/NDF : 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

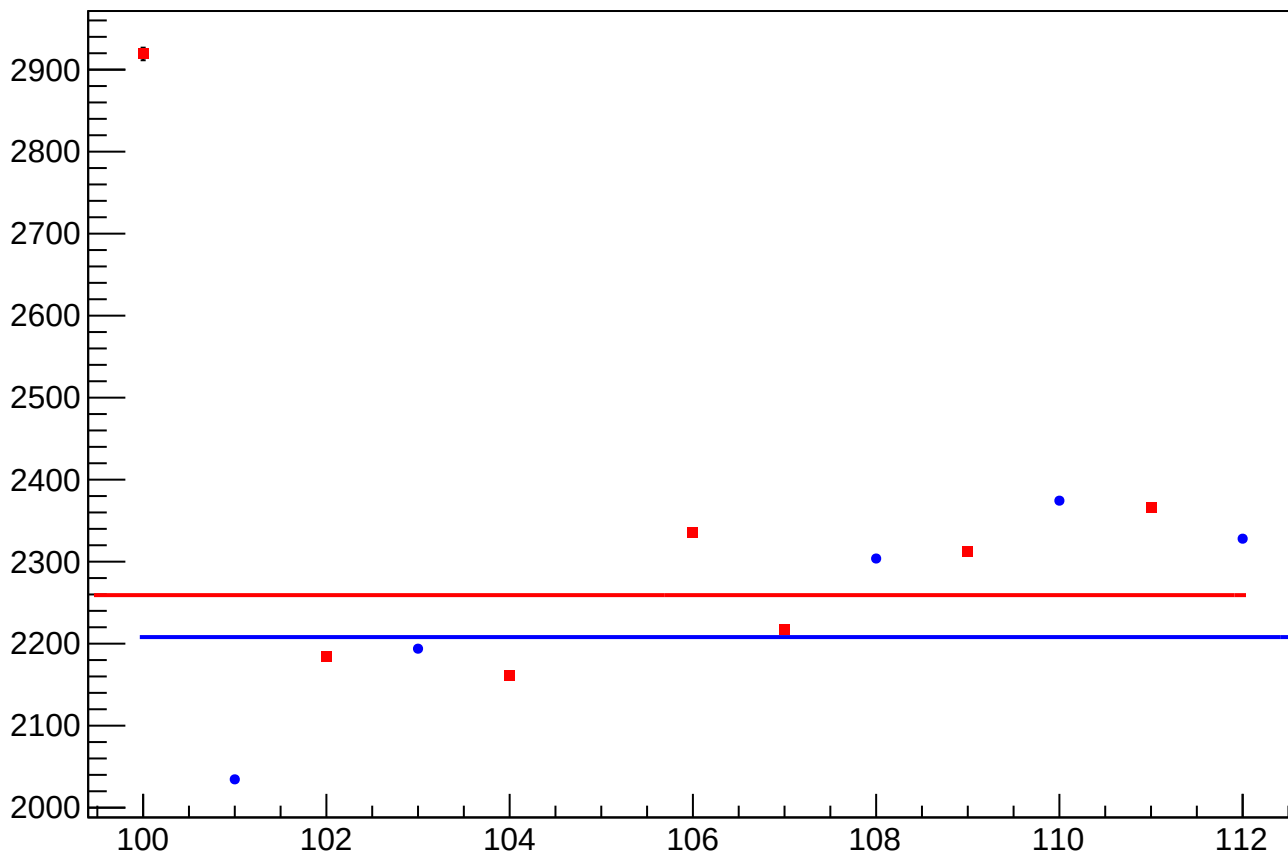
Right: 313.064+/-976.058 χ^2/NDF : 8.0/11

In: -67.255+/-1391.072 χ^2/NDF : 4.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 313.064+/-976.058 χ^2/NDF : 8.0/11

asym_sam_26_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2208.023+/-0.984 χ^2/NDF : 17270.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2259.181+/-0.969 χ^2/NDF : 14172.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

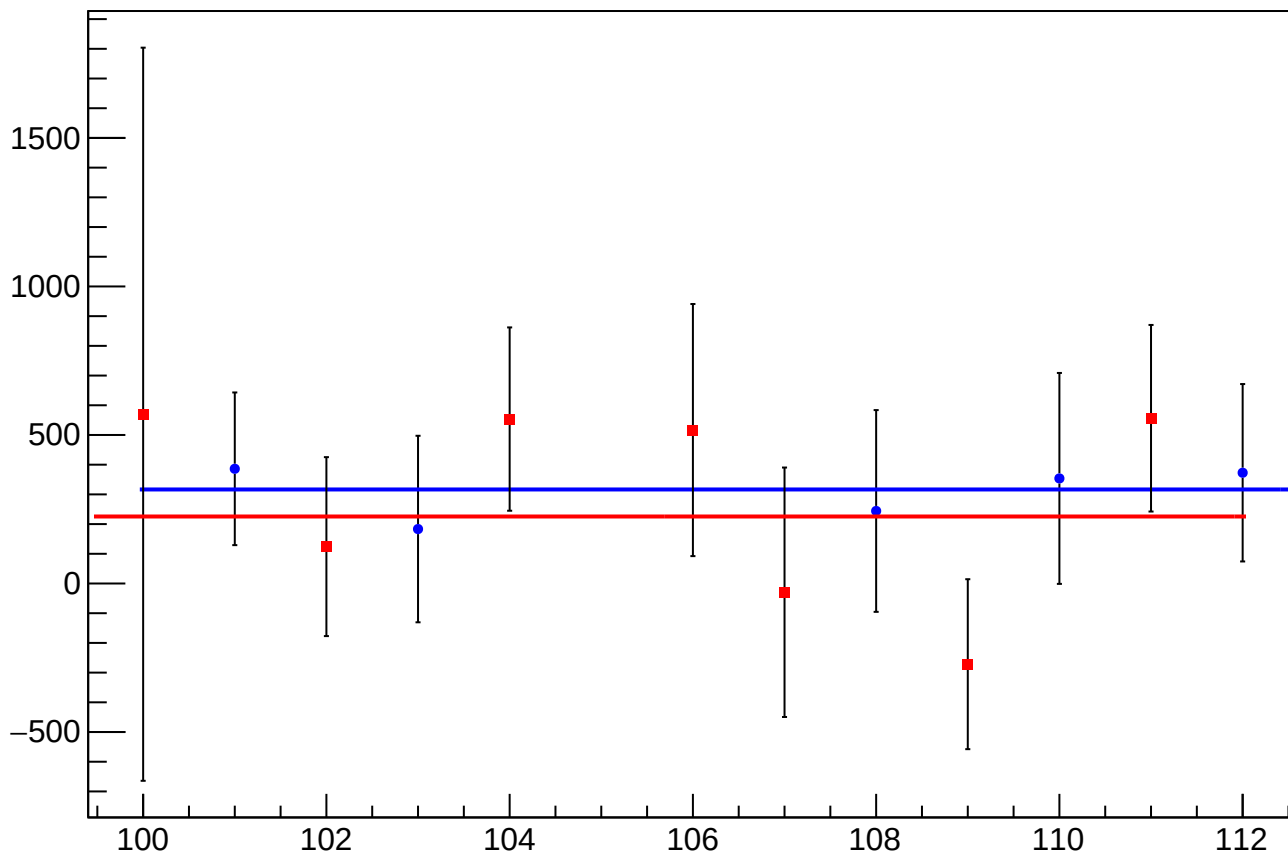
Right: 2233.995+/-0.690 χ^2/NDF : 32816.2/11

In: 2208.023+/-0.984 χ^2/NDF : 17270.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2233.995+/-0.690 χ^2/NDF : 32816.2/11

eigen_cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 316.562 $\pm$ 137.225 χ^2 /NDF: 0.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 225.559 $\pm$ 133.913 χ^2 /NDF: 6.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

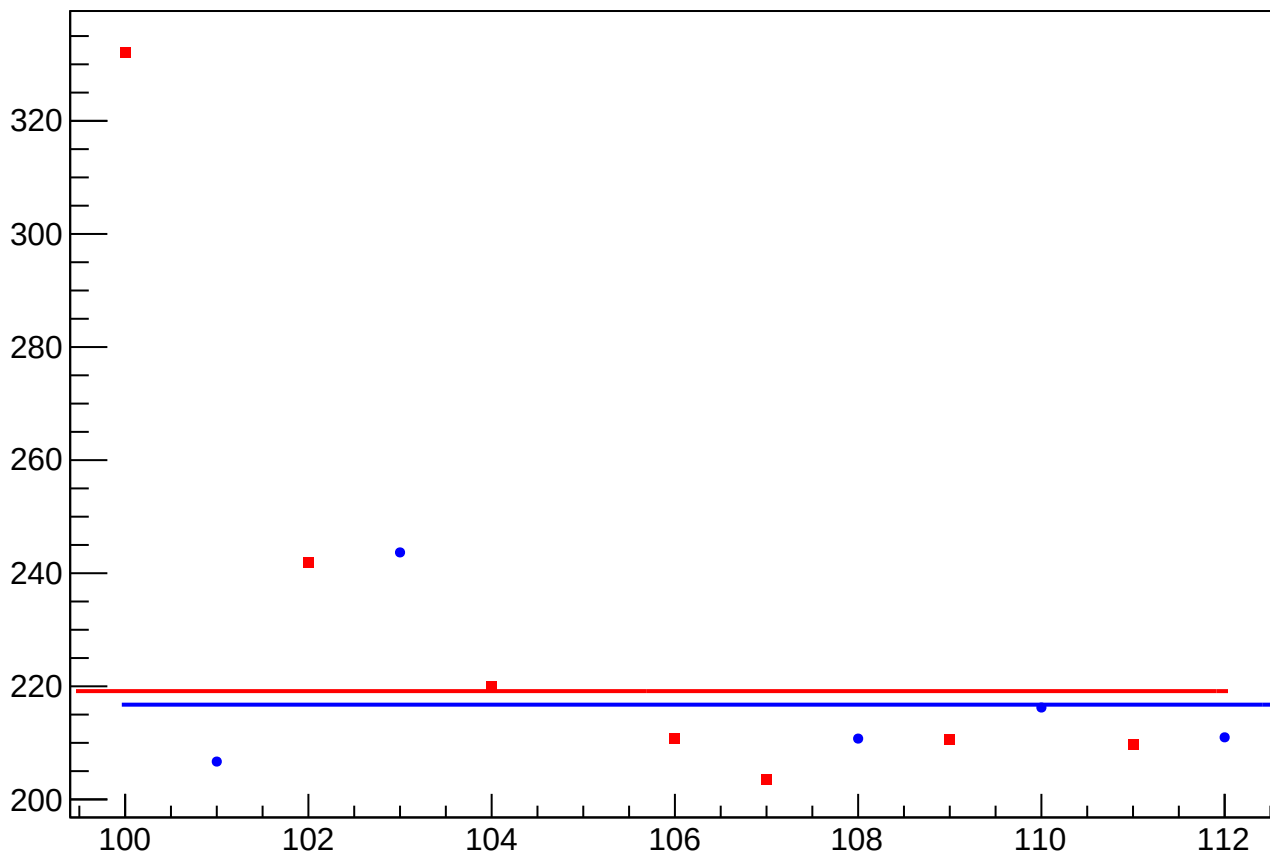
Right: 269.949 $\pm$ 95.840 χ^2 /NDF: 6.9/11

In: 316.562 $\pm$ 137.225 χ^2 /NDF:0.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 269.949 $\pm$ 95.840 χ^2 /NDF: 6.9/11

eigen_cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 216.755 $\pm$ 0.097 χ^2 /NDF: 19154.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 219.152 $\pm$ 0.095 χ^2 /NDF: 35340.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

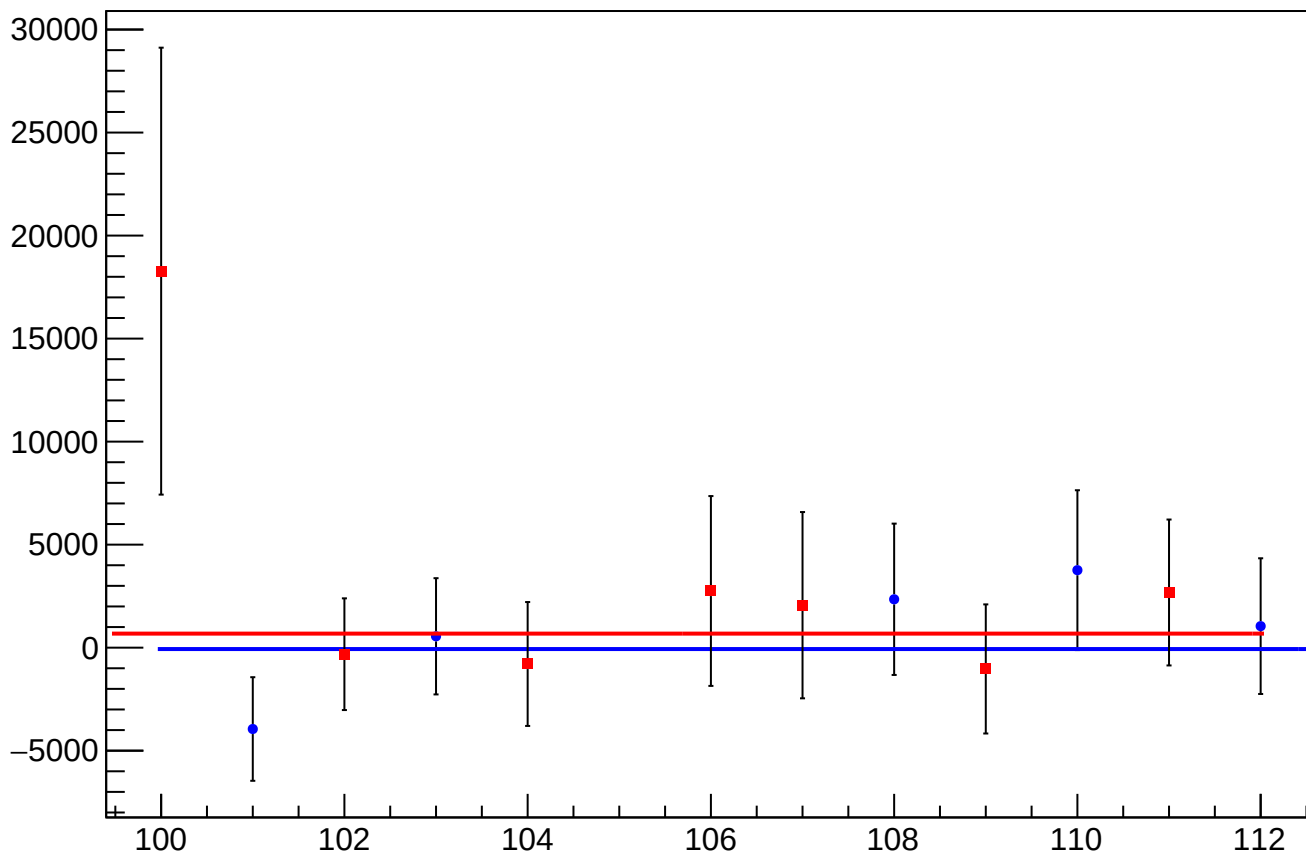
Right: 217.983 $\pm$ 0.068 χ^2 /NDF: 54807.6/11

In: 216.755 $\pm$ 0.097 χ^2 /NDF:19154.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 217.983 $\pm$ 0.068 χ^2 /NDF: 54807.6/11

asym_sam_26_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -67.255 ± 1391.072 χ^2/NDF : 4.0/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 681.884 ± 1369.882 χ^2/NDF : 3.9/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

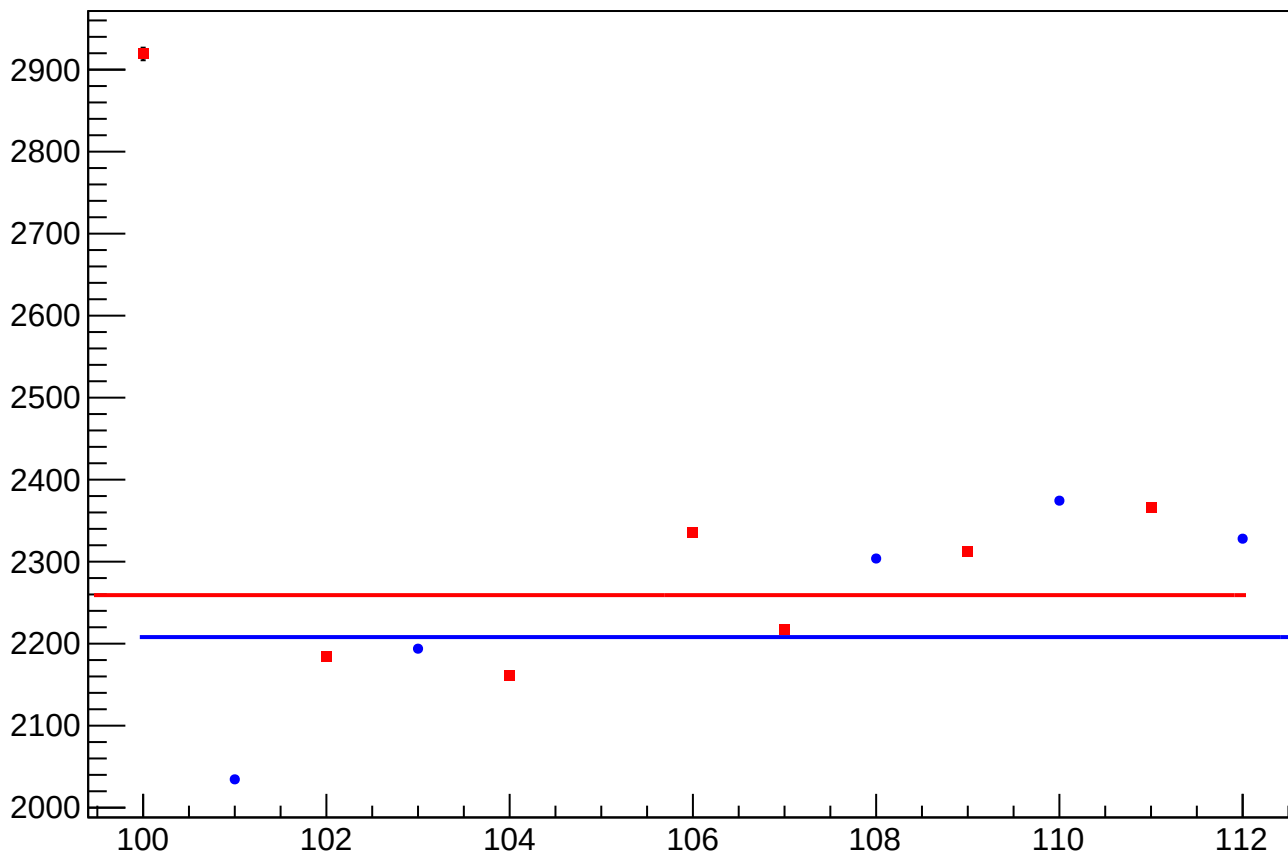
Right: 313.064 ± 976.058 χ^2/NDF : 8.0/11

In: -67.255 ± 1391.072 χ^2/NDF : 4.0/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 313.064 ± 976.058 χ^2/NDF : 8.0/11

asym_sam_26_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2208.023+/-0.984 χ^2/NDF : 17270.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2259.181+/-0.969 χ^2/NDF : 14172.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

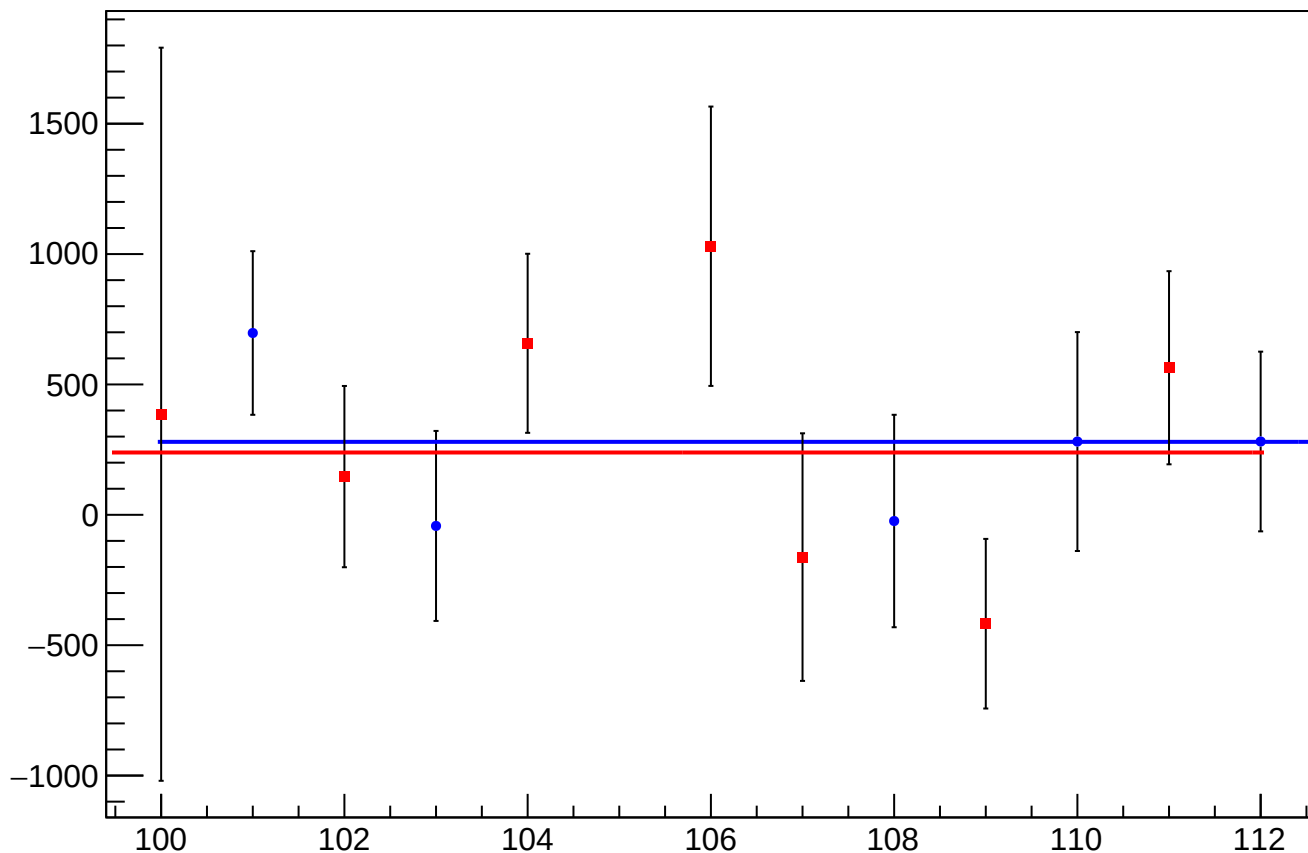
Right: 2233.995+/-0.690 χ^2/NDF : 32816.2/11

In: 2208.023+/-0.984 χ^2/NDF : 17270.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2233.995+/-0.690 χ^2/NDF : 32816.2/11

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 279.850+/-162.622 χ^2/NDF : 3.1/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 239.023+/-154.436 χ^2/NDF : 9.3/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

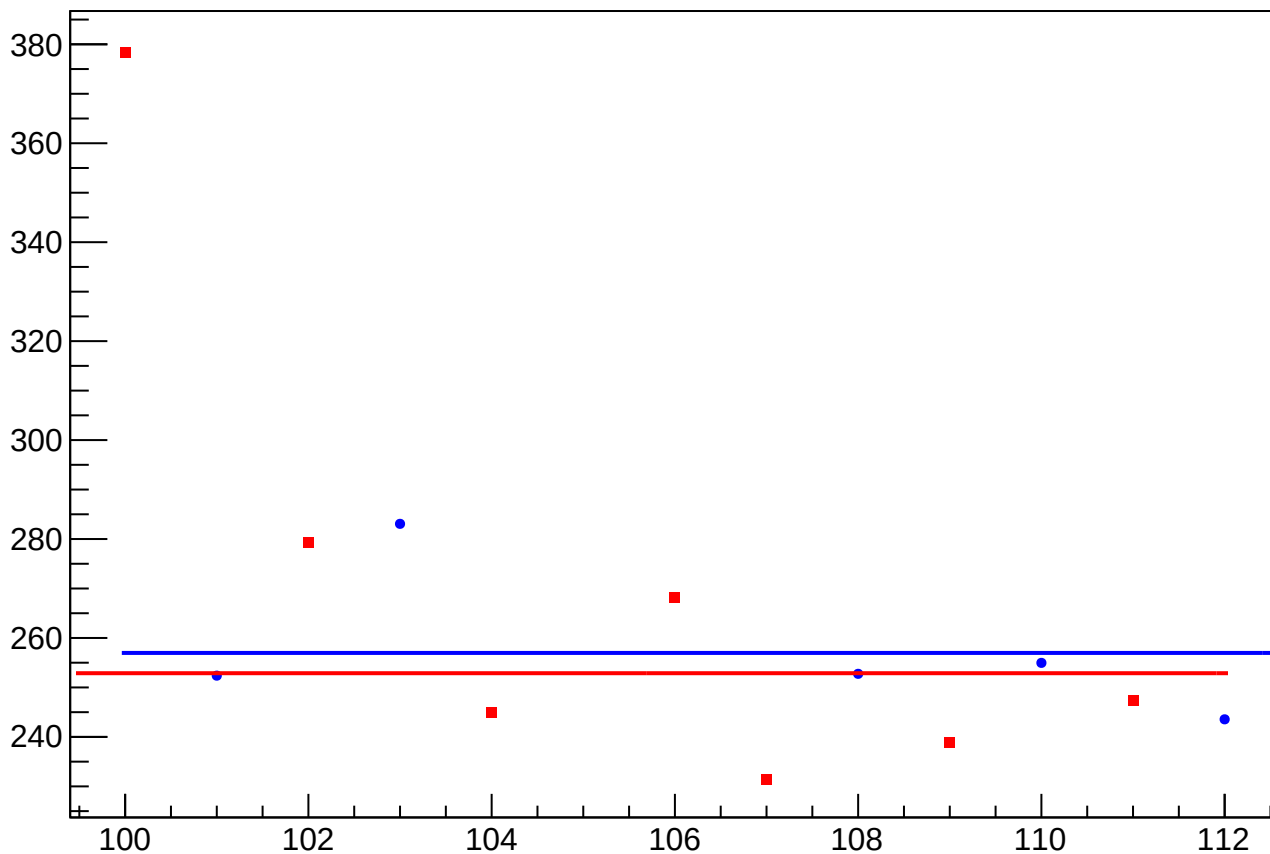
Right: 258.383+/-111.985 χ^2/NDF : 12.5/11

In: 279.850+/-162.622 χ^2/NDF :3.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 258.383+/-111.985 χ^2/NDF : 12.5/11

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 256.977 $\pm$ 0.115 χ^2 /NDF: 13980.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 252.878 $\pm$ 0.109 χ^2 /NDF: 38412.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

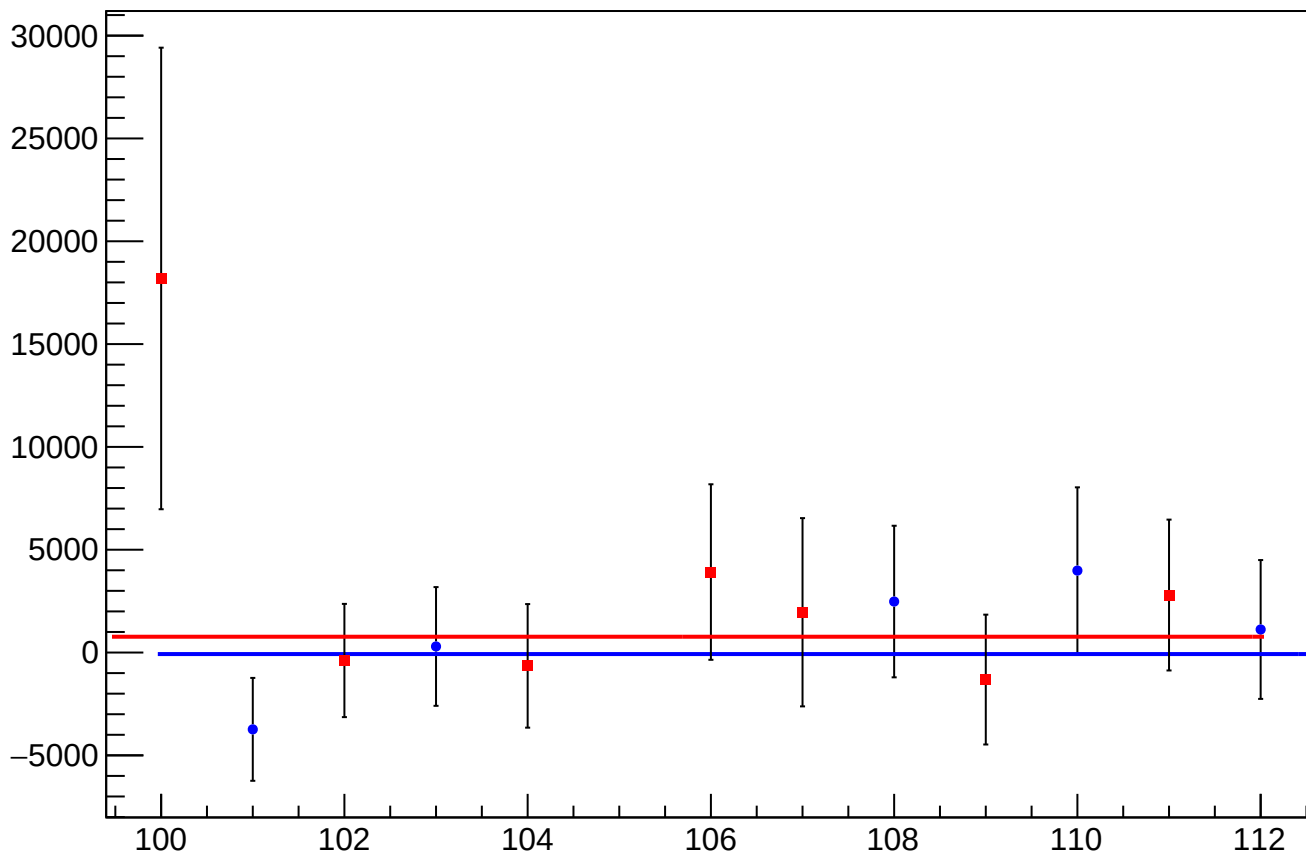
Right: 254.822 $\pm$ 0.079 χ^2 /NDF: 53061.5/11

In: 256.977 $\pm$ 0.115 χ^2 /NDF:13980.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 254.822 $\pm$ 0.079 χ^2 /NDF: 53061.5/11

asym_sam_26_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -74.212 ± 1411.235 χ^2/NDF : 3.8/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 768.792 ± 1376.365 χ^2/NDF : 4.2/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

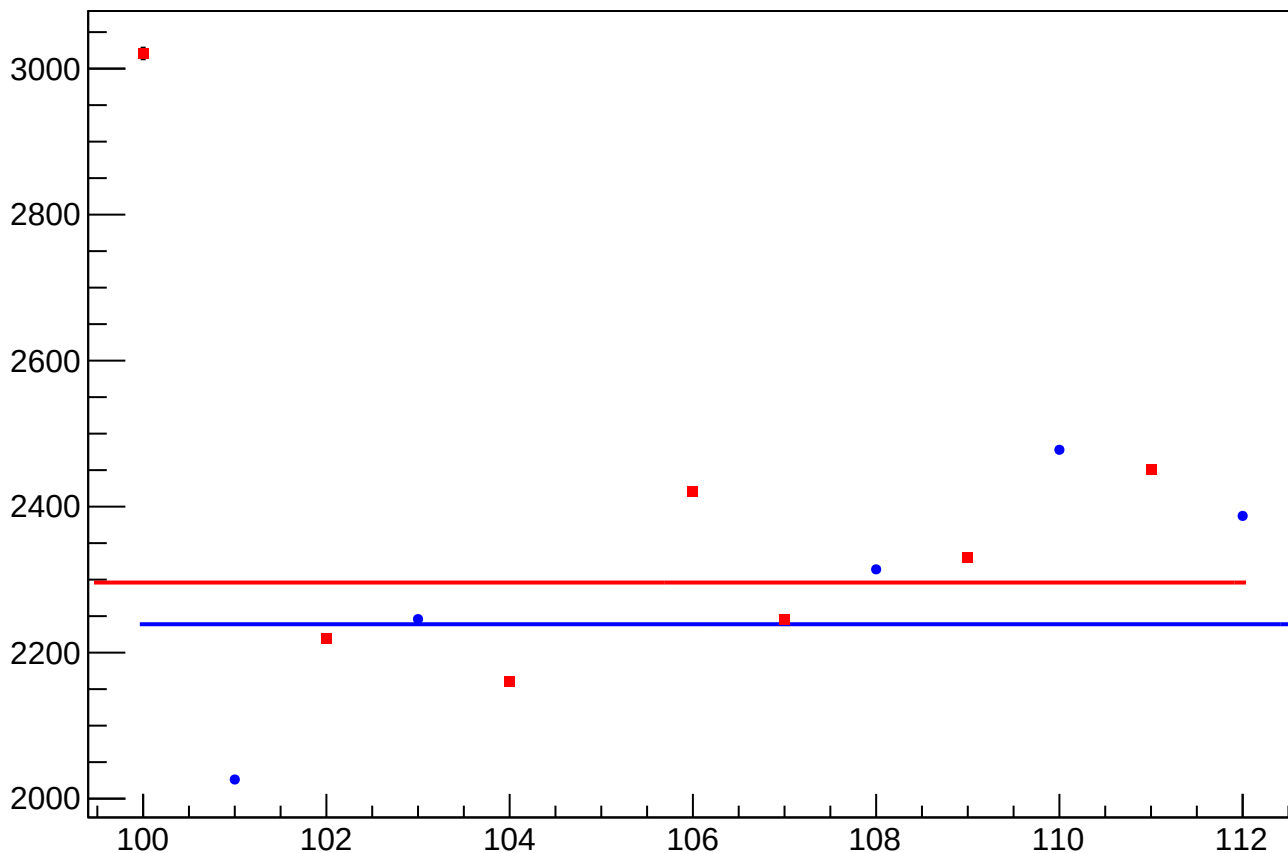
Right: 357.833 ± 985.334 χ^2/NDF : 8.1/11

In: -74.212 ± 1411.235 χ^2/NDF : 3.8/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 357.833 ± 985.334 χ^2/NDF : 8.1/11

asym_sam_26_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2238.899+/-0.998 χ^2/NDF : 26133.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2296.027+/-0.973 χ^2/NDF : 19803.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

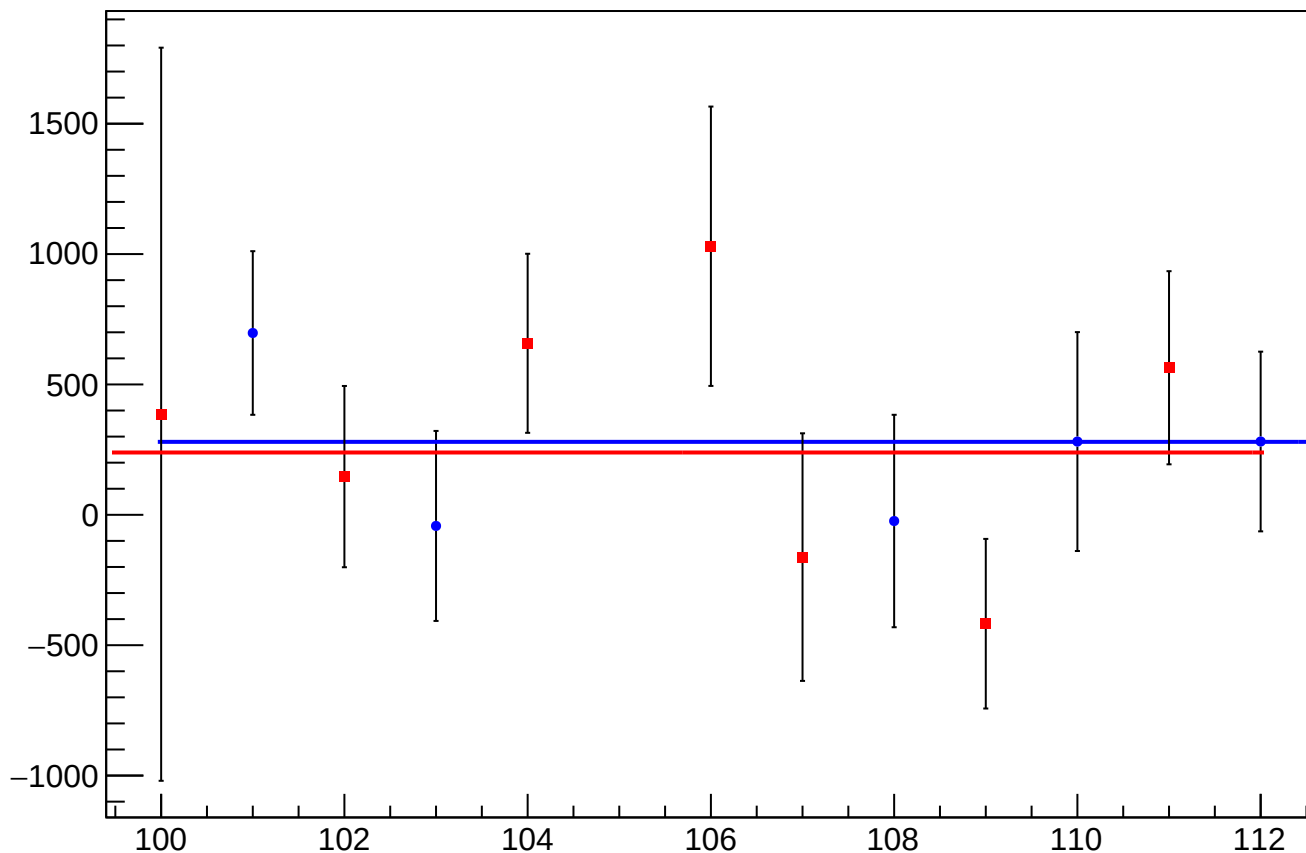
Right: 2268.177+/-0.697 χ^2/NDF : 47616.6/11

In: 2238.899+/-0.998 χ^2/NDF : 26133.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2268.177+/-0.697 χ^2/NDF : 47616.6/11

eigen_dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 279.841+/-162.621 χ^2/NDF : 3.1/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 239.026+/-154.435 χ^2/NDF : 9.3/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

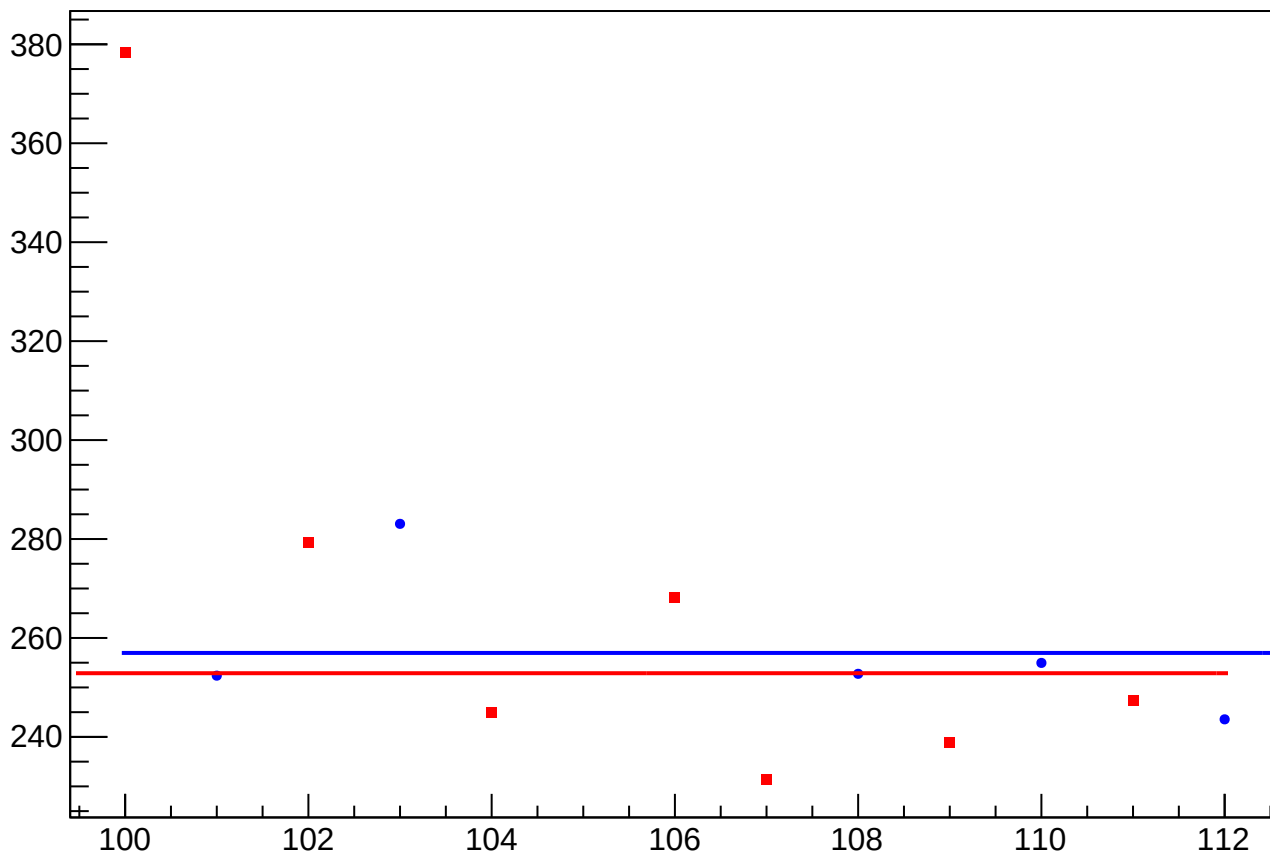
Right: 258.380+/-111.984 χ^2/NDF : 12.5/11

In: 279.841+/-162.621 χ^2/NDF :3.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 258.380+/-111.984 χ^2/NDF : 12.5/11

eigen_dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 256.975+/-0.115 χ^2/NDF : 13981.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 252.877+/-0.109 χ^2/NDF : 38412.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

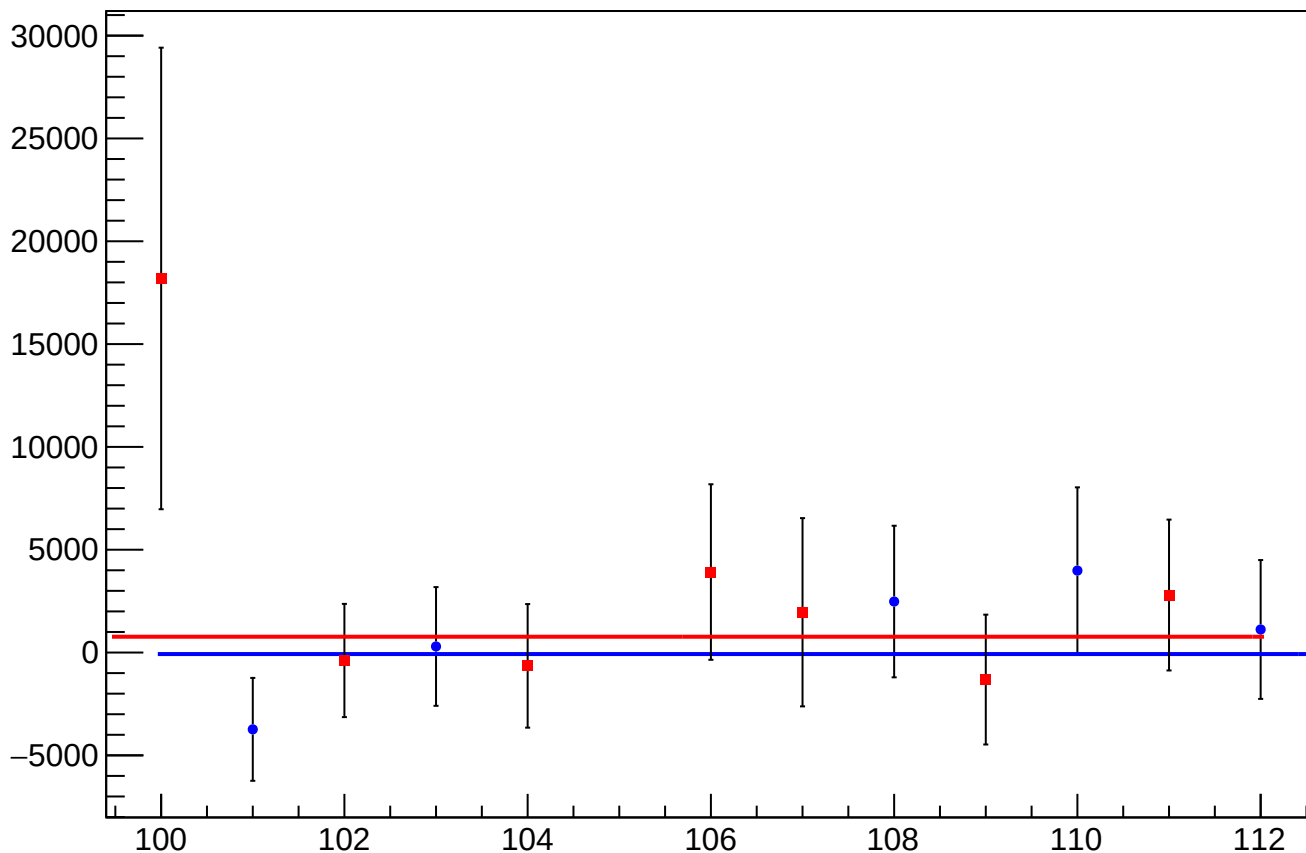
Right: 254.820+/-0.079 χ^2/NDF : 53062.0/11

In: 256.975+/-0.115 χ^2/NDF : 13981.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 254.820+/-0.079 χ^2/NDF : 53062.0/11

asym_sam_26_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -74.212+/-1411.230 χ^2/NDF : 3.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 768.791+/-1376.361 χ^2/NDF : 4.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

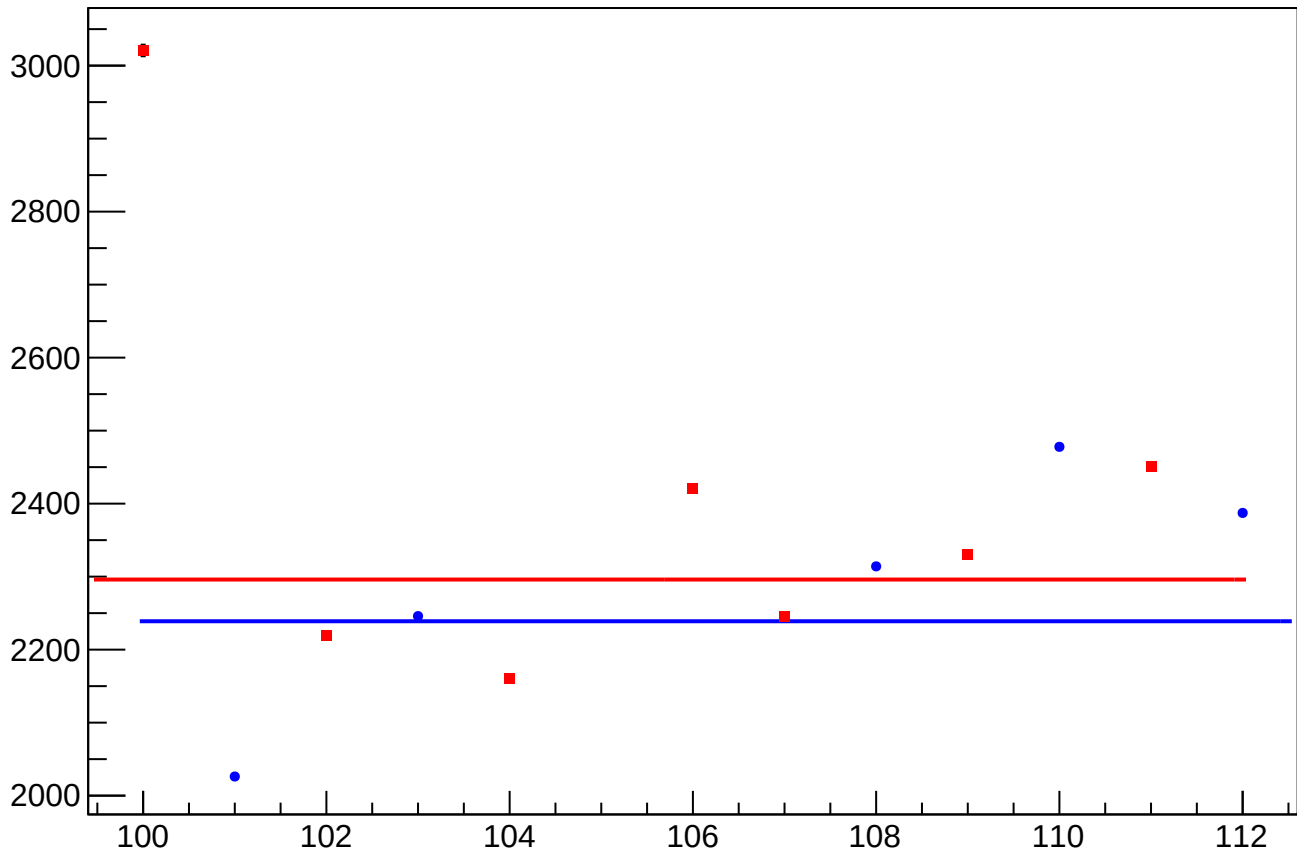
Right: 357.832+/-985.331 χ^2/NDF : 8.1/11

In: -74.212+/-1411.230 χ^2/NDF : 3.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 357.832+/-985.331 χ^2/NDF : 8.1/11

asym_sam_26_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2238.892+/-0.998 χ^2/NDF : 26132.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2296.020+/-0.973 χ^2/NDF : 19803.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

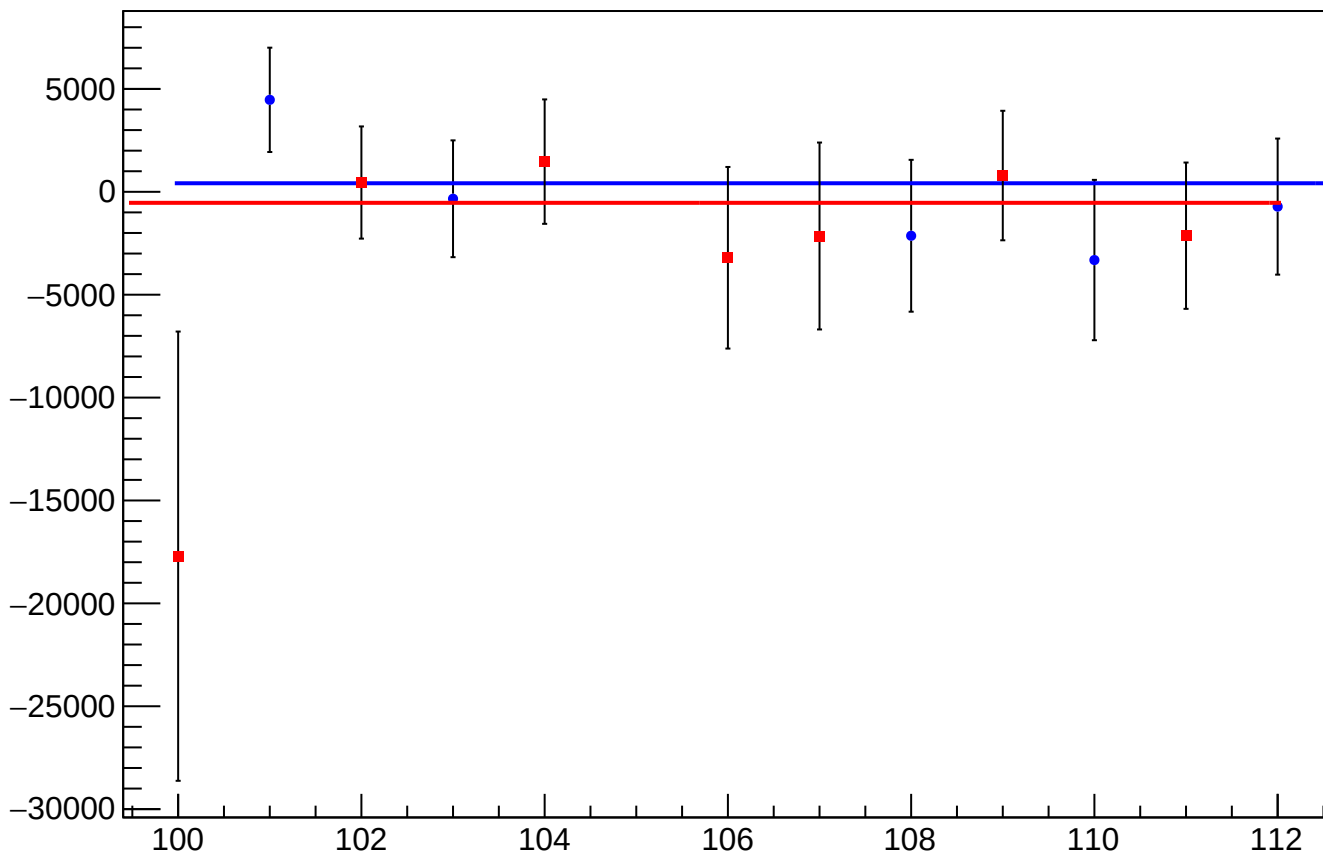
Right: 2268.171+/-0.697 χ^2/NDF : 47615.0/11

In: 2238.892+/-0.998 χ^2/NDF : 26132.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2268.171+/-0.697 χ^2/NDF : 47615.0/11

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 416.119+/-1399.575 χ^2/NDF : 4.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -535.086+/-1370.625 χ^2/NDF : 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

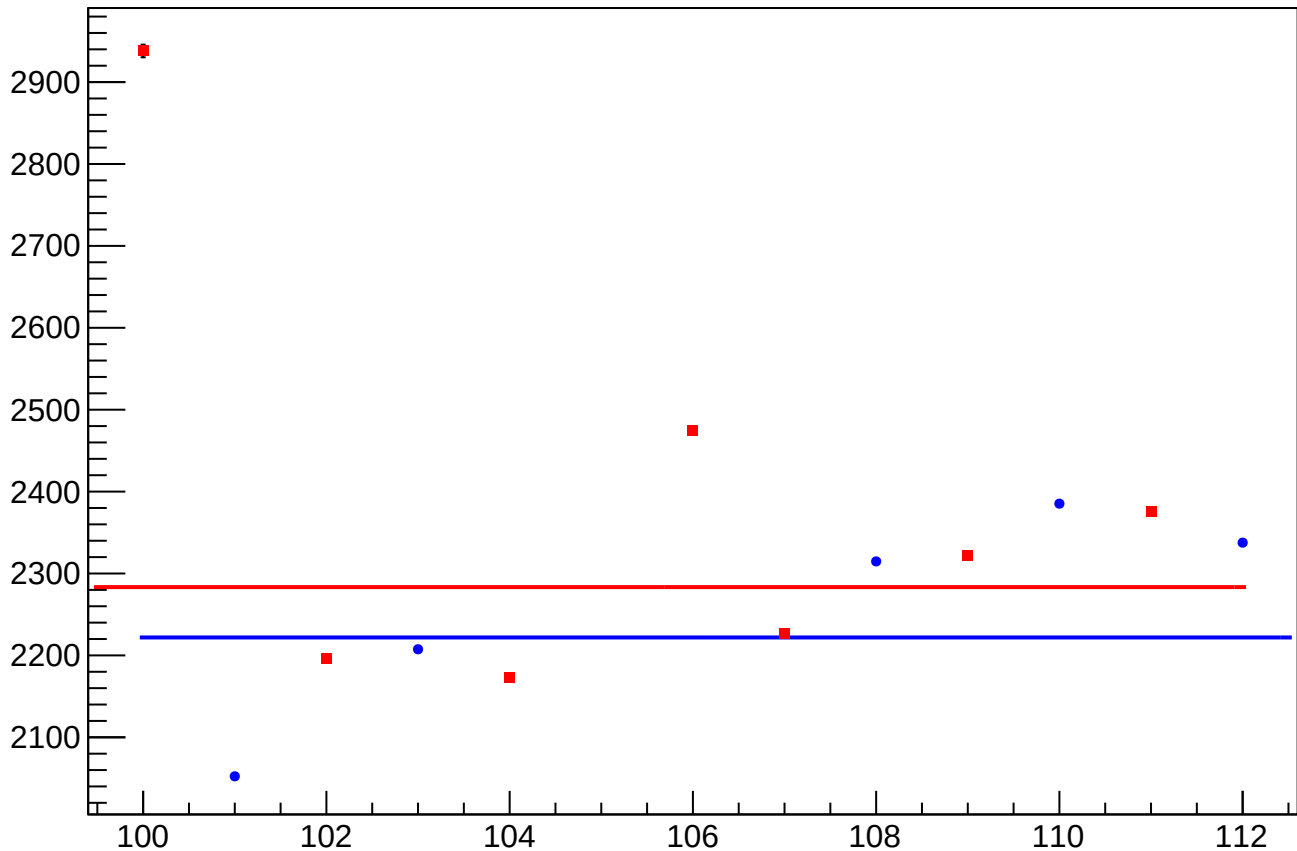
Right: -69.423+/-979.253 χ^2/NDF : 8.3/11

In: 416.119+/-1399.575 χ^2/NDF : 4.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -69.423+/-979.253 χ^2/NDF : 8.3/11

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 2221.905+/-0.990 χ^2/NDF : 16232.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2283.383+/-0.969 χ^2/NDF : 17571.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

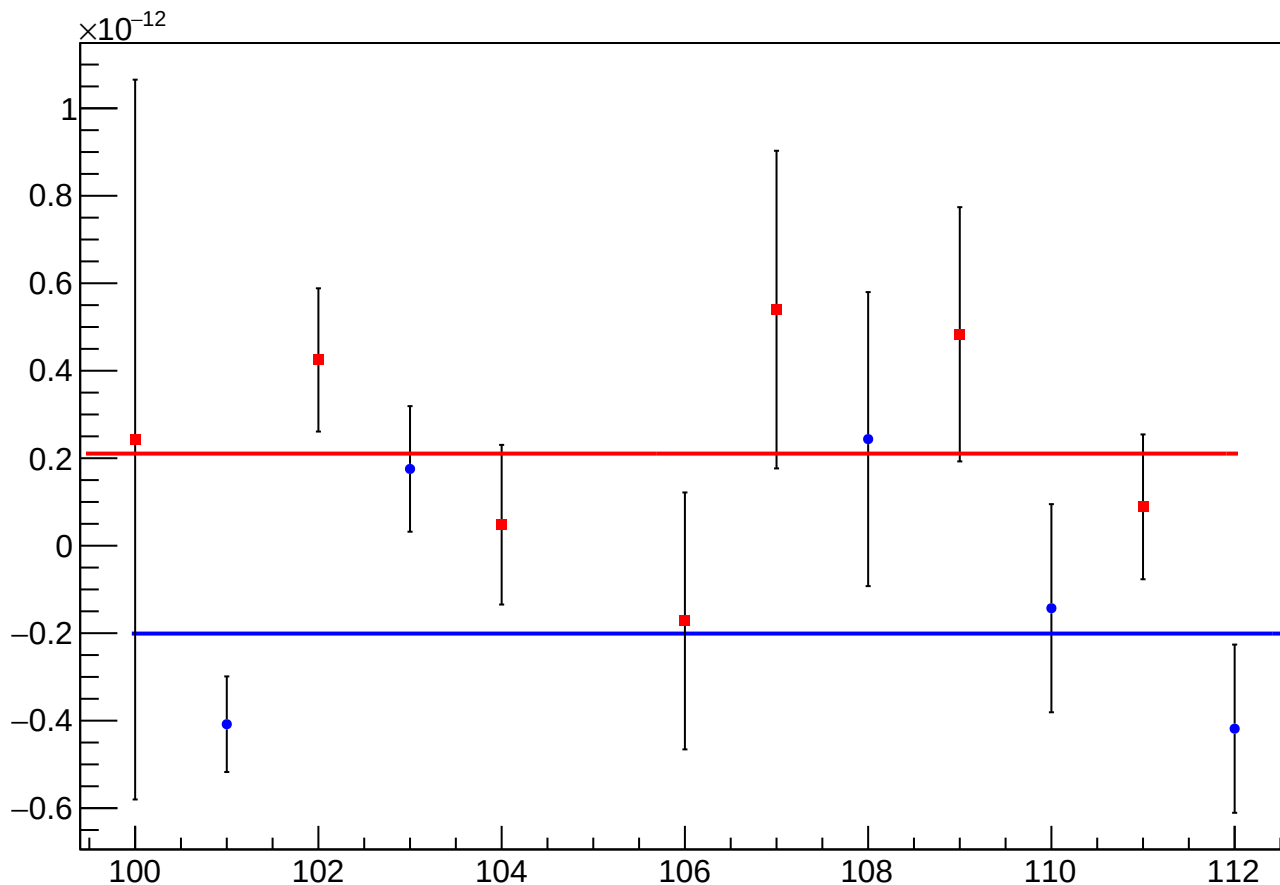
Right: 2253.286+/-0.692 χ^2/NDF : 35773.0/11

In: 2221.905+/-0.990 χ^2/NDF : 16232.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2253.286+/-0.692 χ^2/NDF : 35773.0/11

asym_sam_26_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

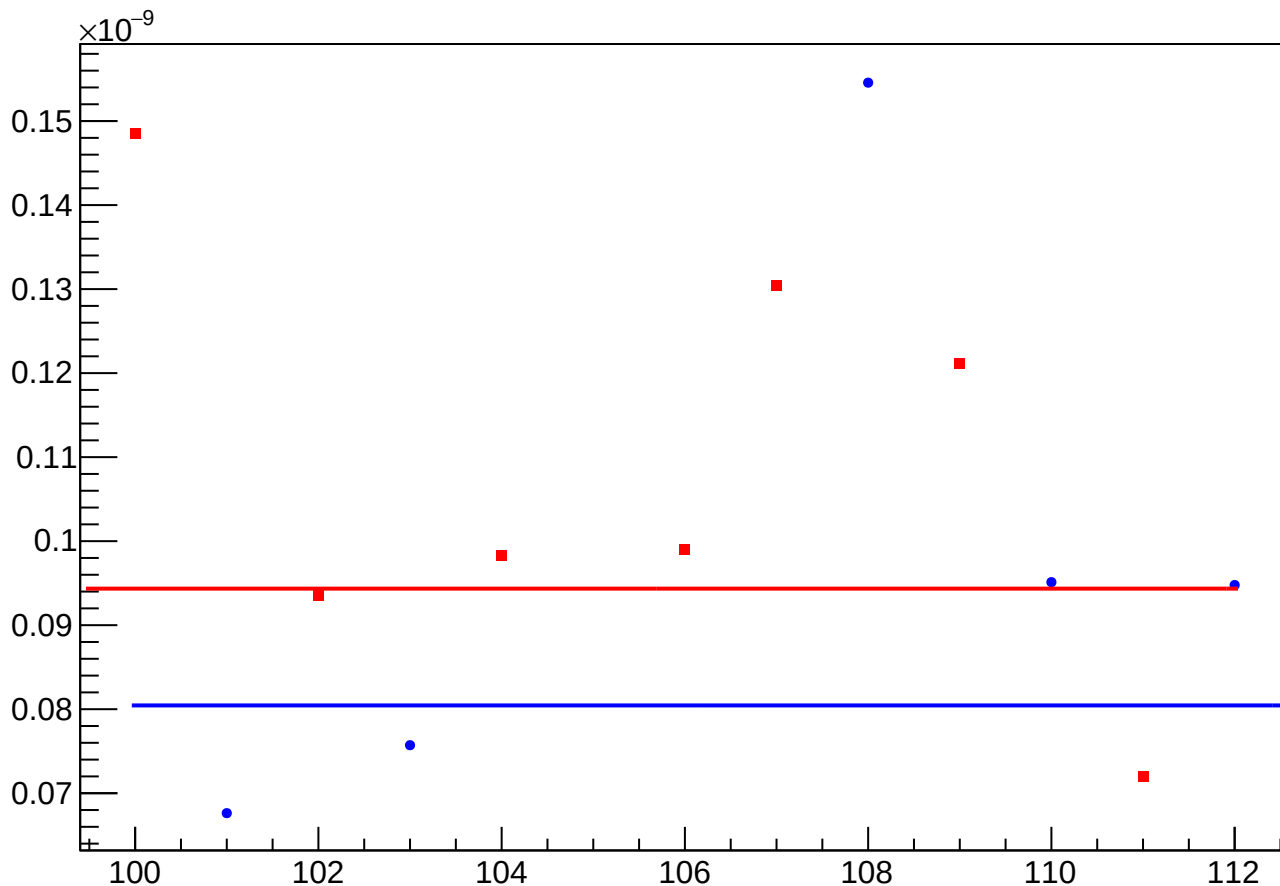
Right: -0.000+/-0.000 χ^2/NDF : 33.3/11

In: -0.000+/-0.000 χ^2/NDF : 13.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.3/11

asym_sam_26_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 145659.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 83182.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

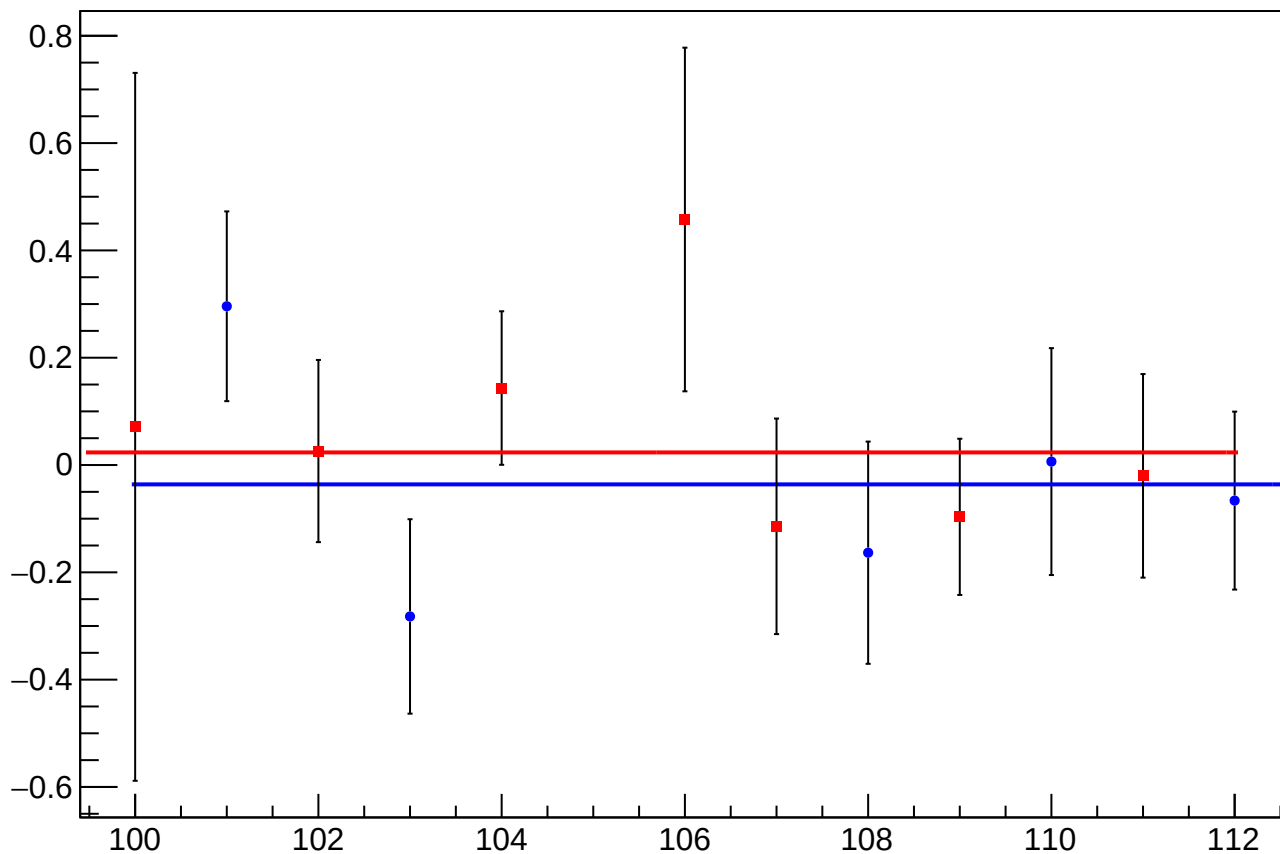
Right: 0.000+/-0.000 χ^2/NDF : 259221.4/11

In: 0.000+/-0.000 χ^2/NDF : 145659.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 259221.4/11

asym_sam_26_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.036 ± 0.083 χ^2/NDF : 5.8/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.024 ± 0.072 χ^2/NDF : 3.8/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

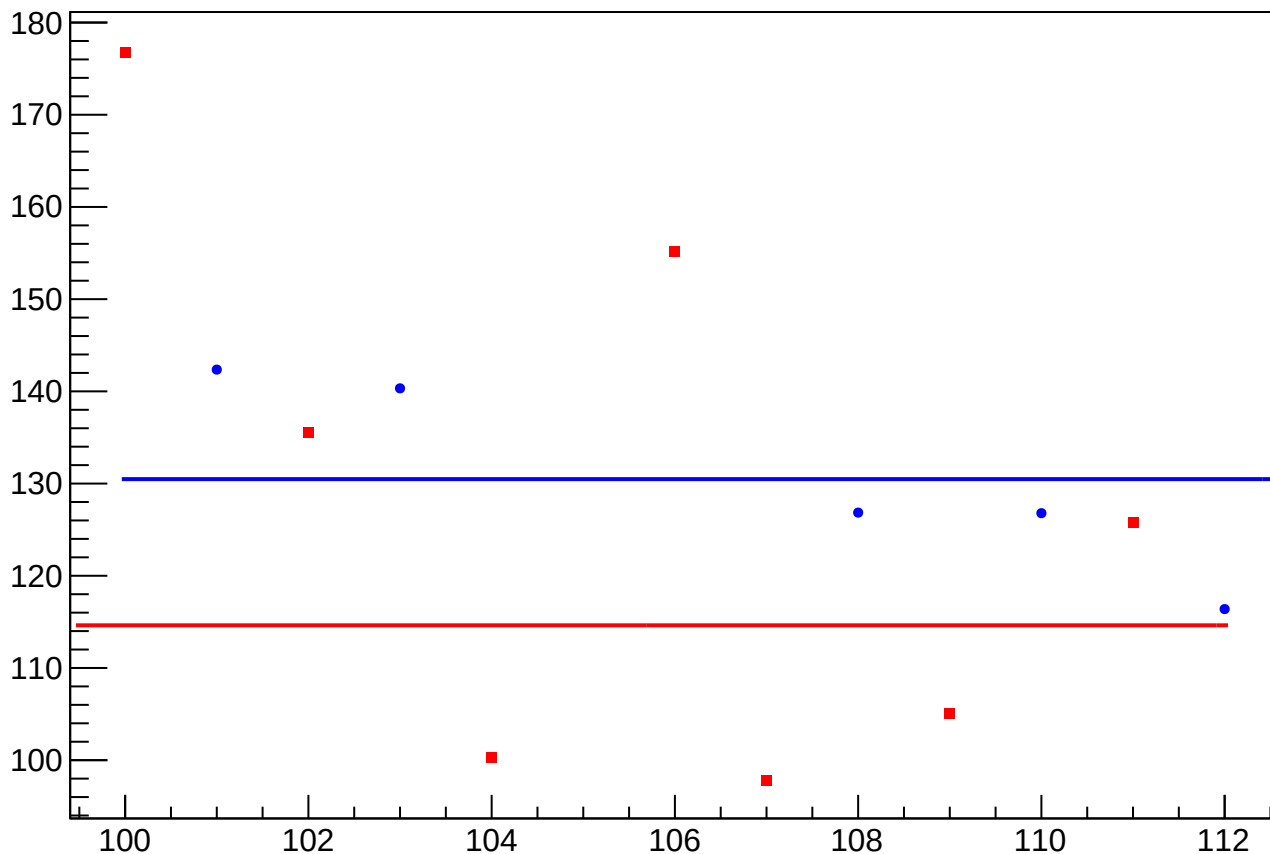
Right: -0.002 ± 0.054 χ^2/NDF : 9.9/11

In: -0.036 ± 0.083 χ^2/NDF : 5.8/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.002 ± 0.054 χ^2/NDF : 9.9/11

asym_sam_26_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.482+/-0.059 χ^2/NDF : 30599.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.626+/-0.051 χ^2/NDF : 129914.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

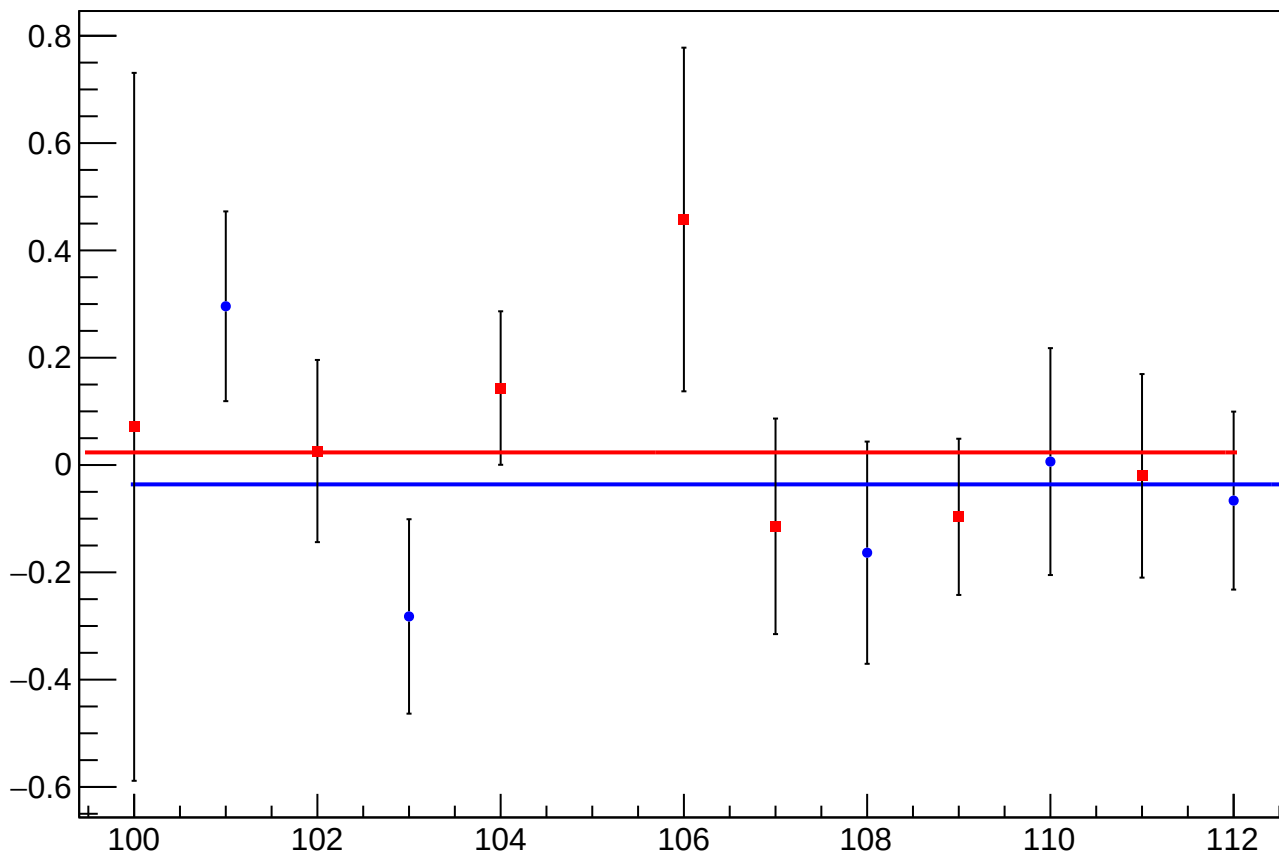
Right: 121.367+/-0.038 χ^2/NDF : 202274.4/11

In: 130.482+/-0.059 χ^2/NDF : 30599.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.367+/-0.038 χ^2/NDF : 202274.4/11

asym_sam_26_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.036 $\pm$ 0.083 χ^2 /NDF: 5.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.024 $\pm$ 0.072 χ^2 /NDF: 3.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

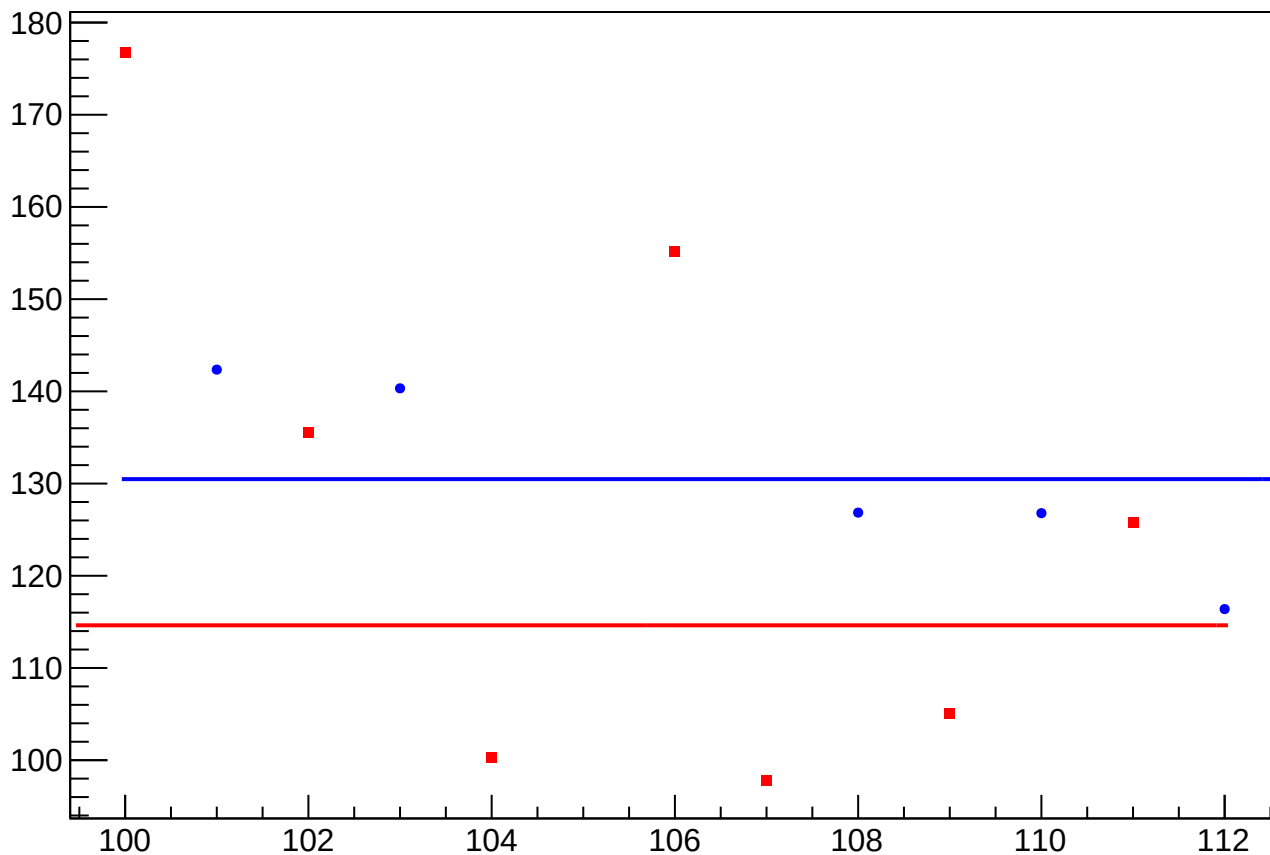
Right: -0.002 $\pm$ 0.054 χ^2 /NDF: 9.9/11

In: -0.036 $\pm$ 0.083 χ^2 /NDF:5.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.002 $\pm$ 0.054 χ^2 /NDF: 9.9/11

asym_sam_26_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.482+/-0.059 χ^2/NDF : 30599.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.626+/-0.051 χ^2/NDF : 129914.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

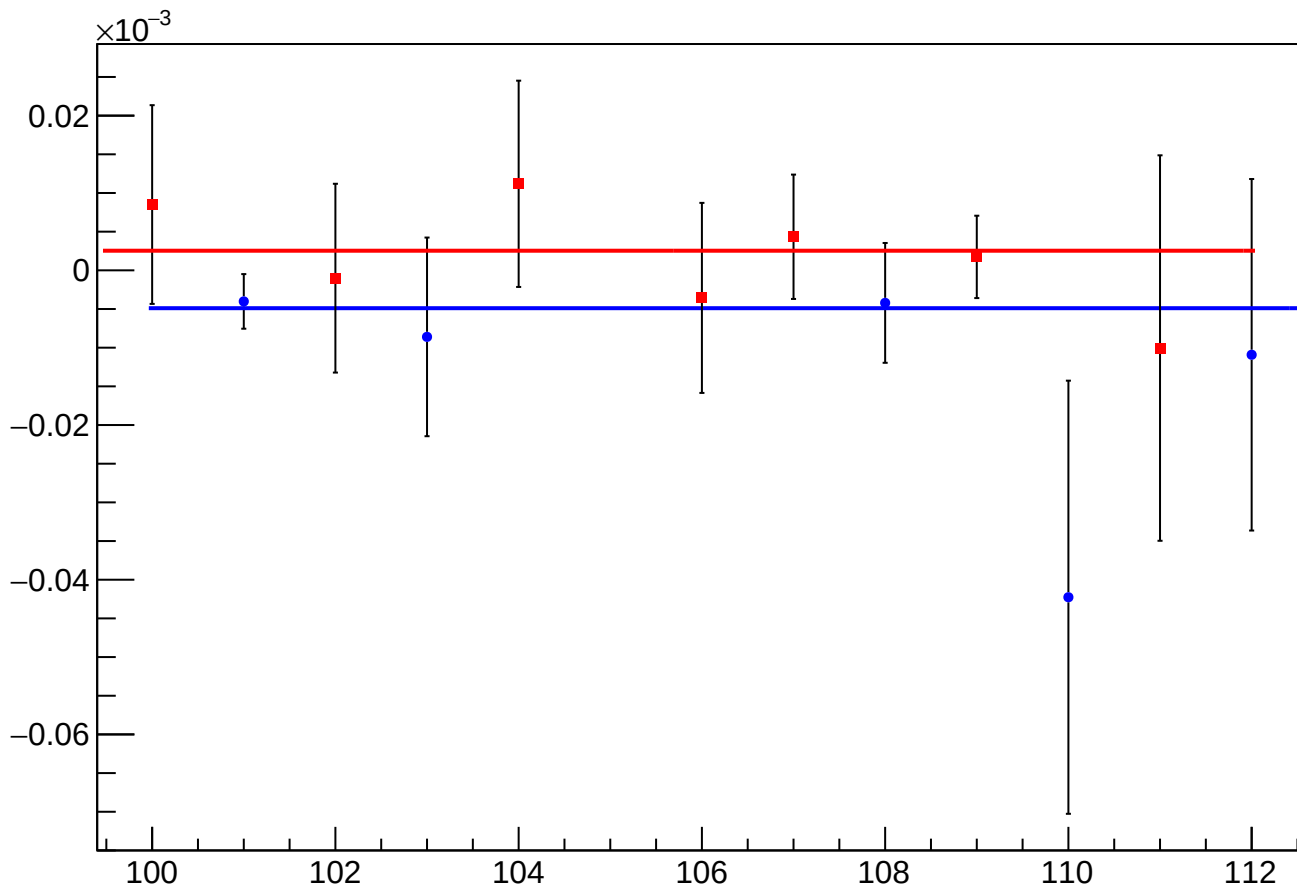
Right: 121.367+/-0.038 χ^2/NDF : 202274.4/11

In: 130.482+/-0.059 χ^2/NDF : 30599.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.367+/-0.038 χ^2/NDF : 202274.4/11

asym_sam_26_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

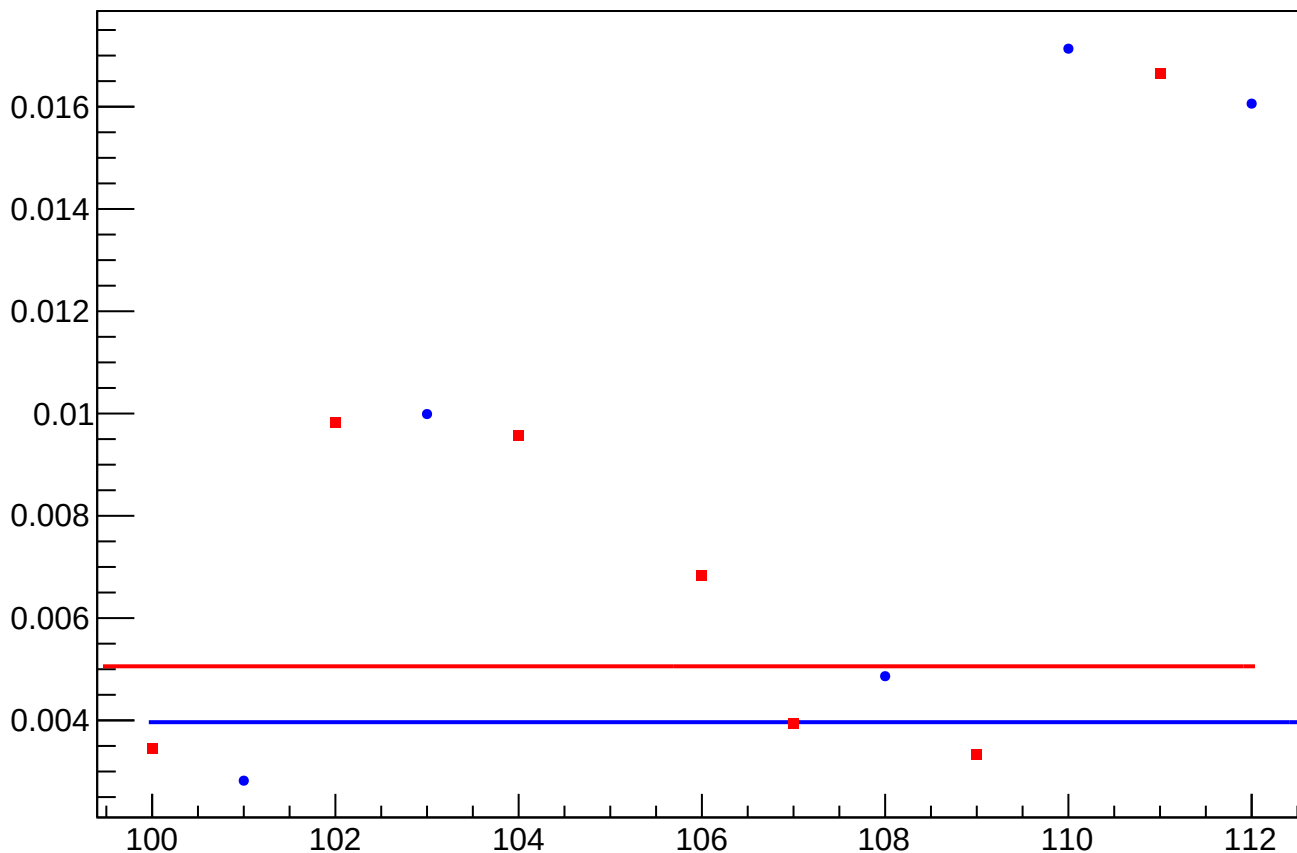
Right: -0.000+/-0.000 χ^2/NDF : 5.8/11

In: -0.000+/-0.000 χ^2/NDF : 2.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 5.8/11

asym_sam_26_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 1686317.2/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1288765.7/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

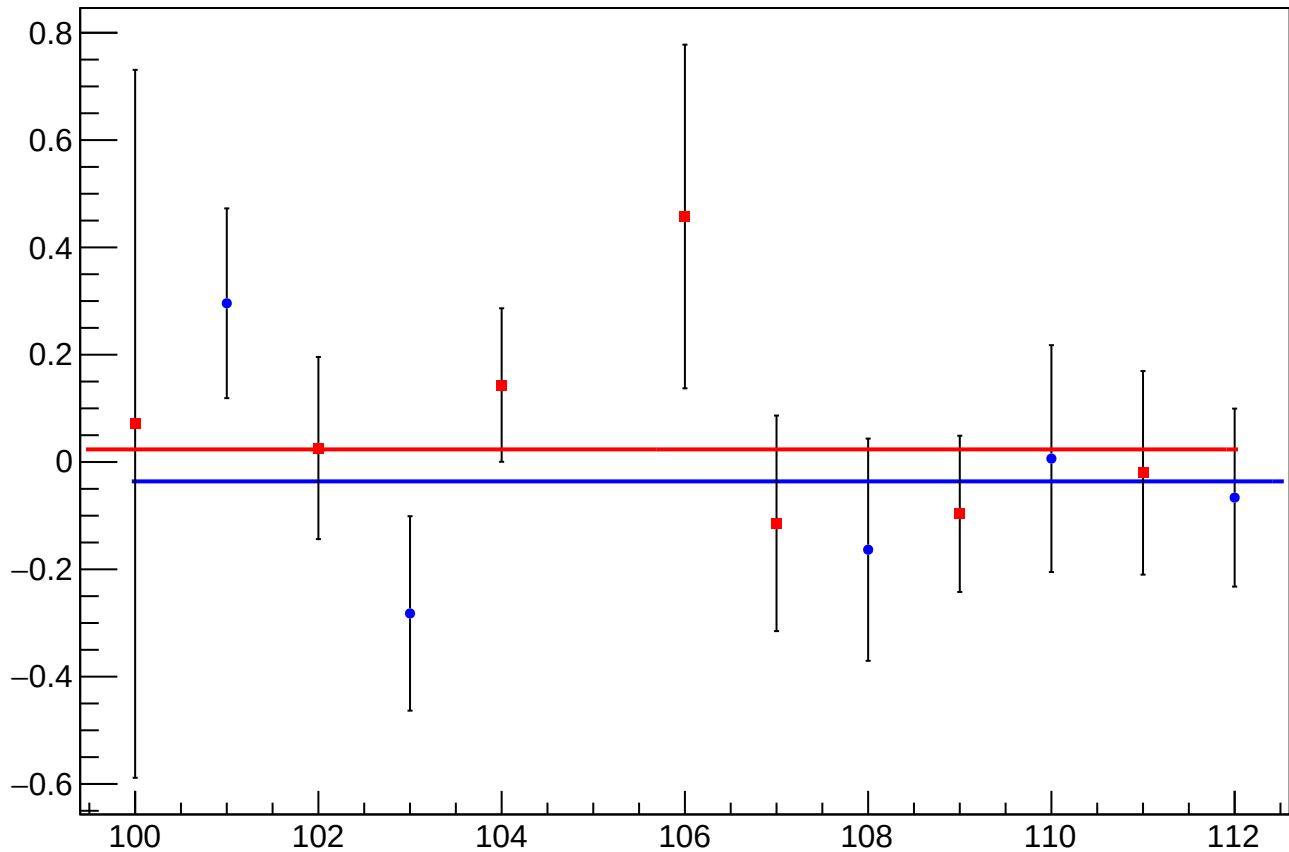
Right: 0.004+/-0.000 χ^2/NDF : 3081961.9/11

In: 0.004+/-0.000 χ^2/NDF :1686317.2/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 3081961.9/11

asym_sam_26_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.036 $\pm$ 0.083 χ^2 /NDF: 5.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.024 $\pm$ 0.072 χ^2 /NDF: 3.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

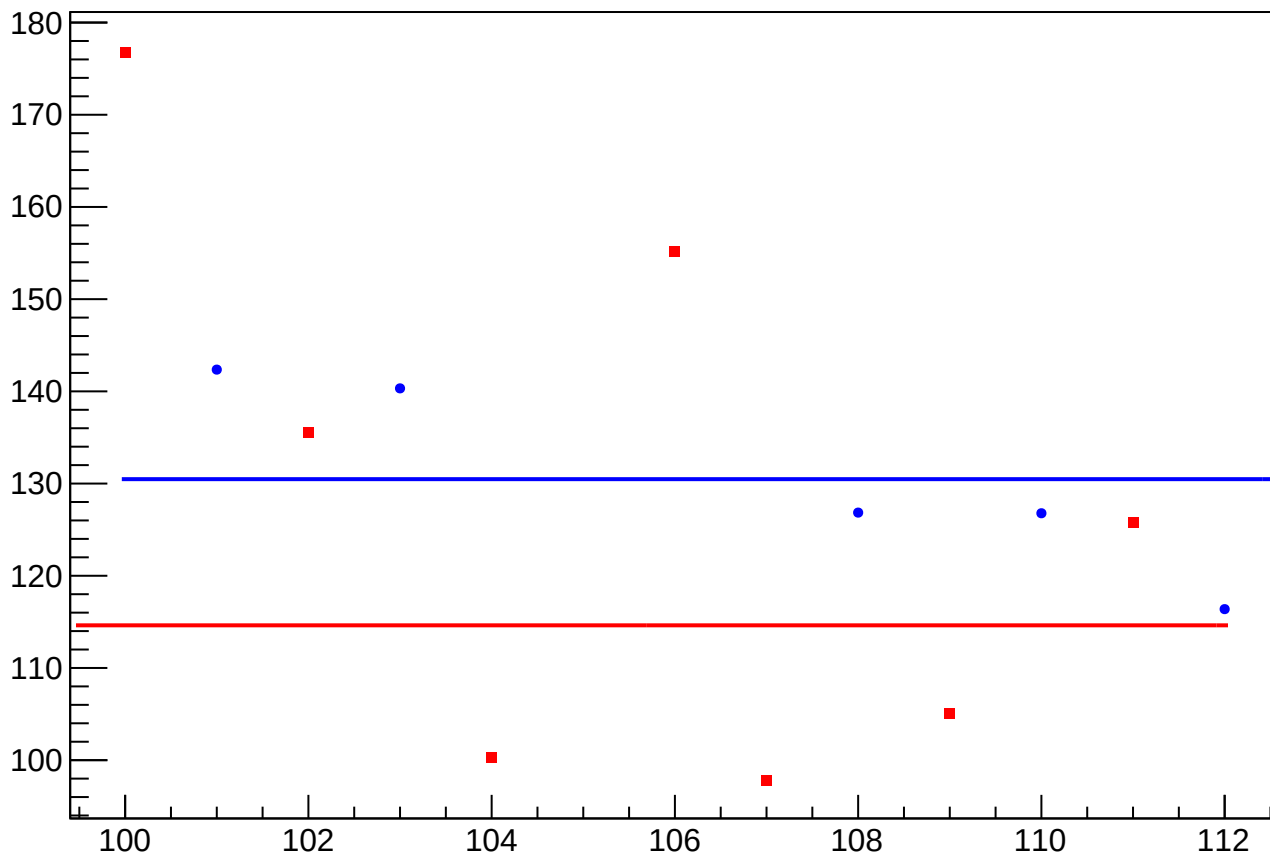
Right: -0.002 $\pm$ 0.054 χ^2 /NDF: 9.9/11

In: -0.036 $\pm$ 0.083 χ^2 /NDF:5.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.002 $\pm$ 0.054 χ^2 /NDF: 9.9/11

asym_sam_26_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.478+/-0.059 χ^2/NDF : 30611.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.624+/-0.051 χ^2/NDF : 129903.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

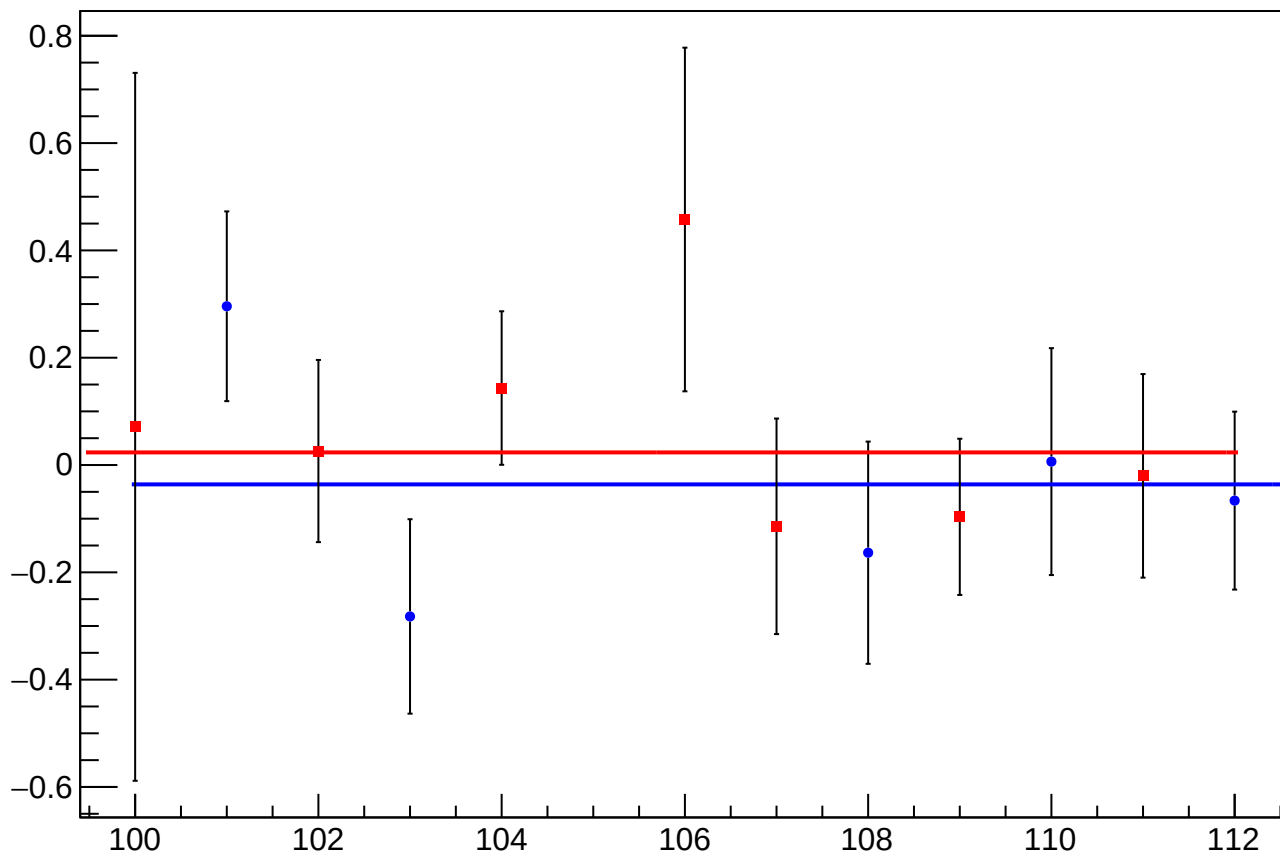
Right: 121.364+/-0.038 χ^2/NDF : 202269.5/11

In: 130.478+/-0.059 χ^2/NDF : 30611.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.364+/-0.038 χ^2/NDF : 202269.5/11

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.036 $\pm$ 0.083 χ^2 /NDF: 5.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.024 $\pm$ 0.072 χ^2 /NDF: 3.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

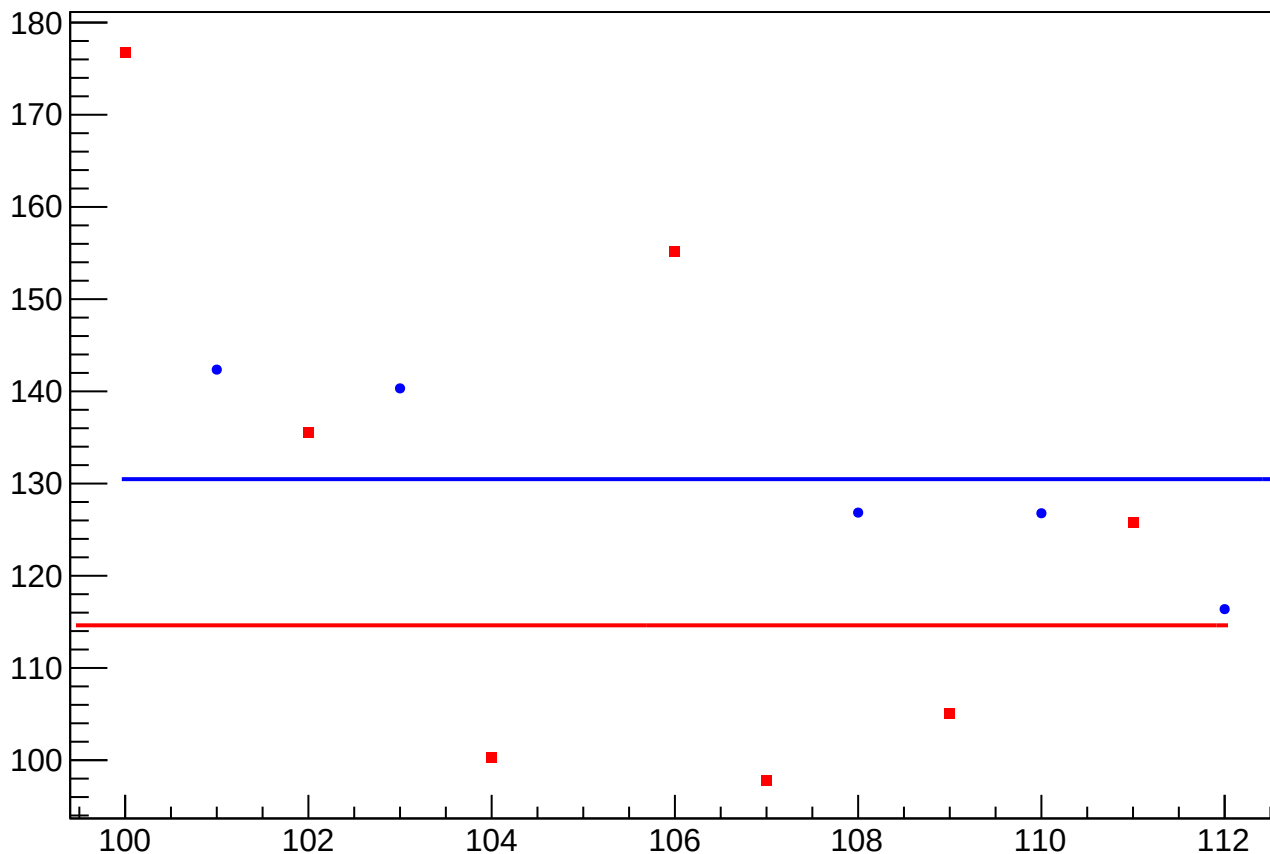
Right: -0.002 $\pm$ 0.054 χ^2 /NDF: 9.9/11

In: -0.036 $\pm$ 0.083 χ^2 /NDF: 5.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.002 $\pm$ 0.054 χ^2 /NDF: 9.9/11

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.478+/-0.059 χ^2/NDF : 30611.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.624+/-0.051 χ^2/NDF : 129903.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

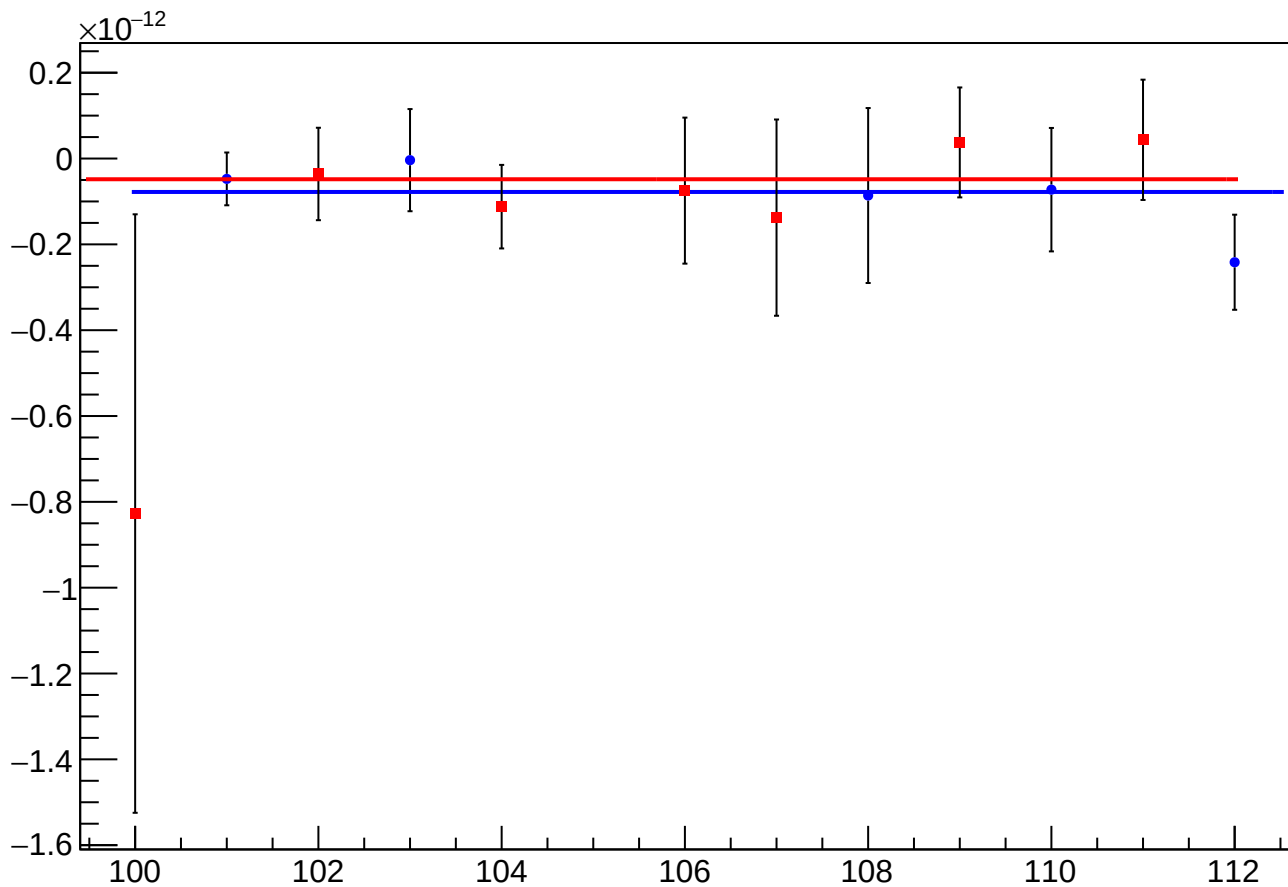
Right: 121.364+/-0.038 χ^2/NDF : 202269.5/11

In: 130.478+/-0.059 χ^2/NDF : 30611.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.364+/-0.038 χ^2/NDF : 202269.5/11

asym_sam_26_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

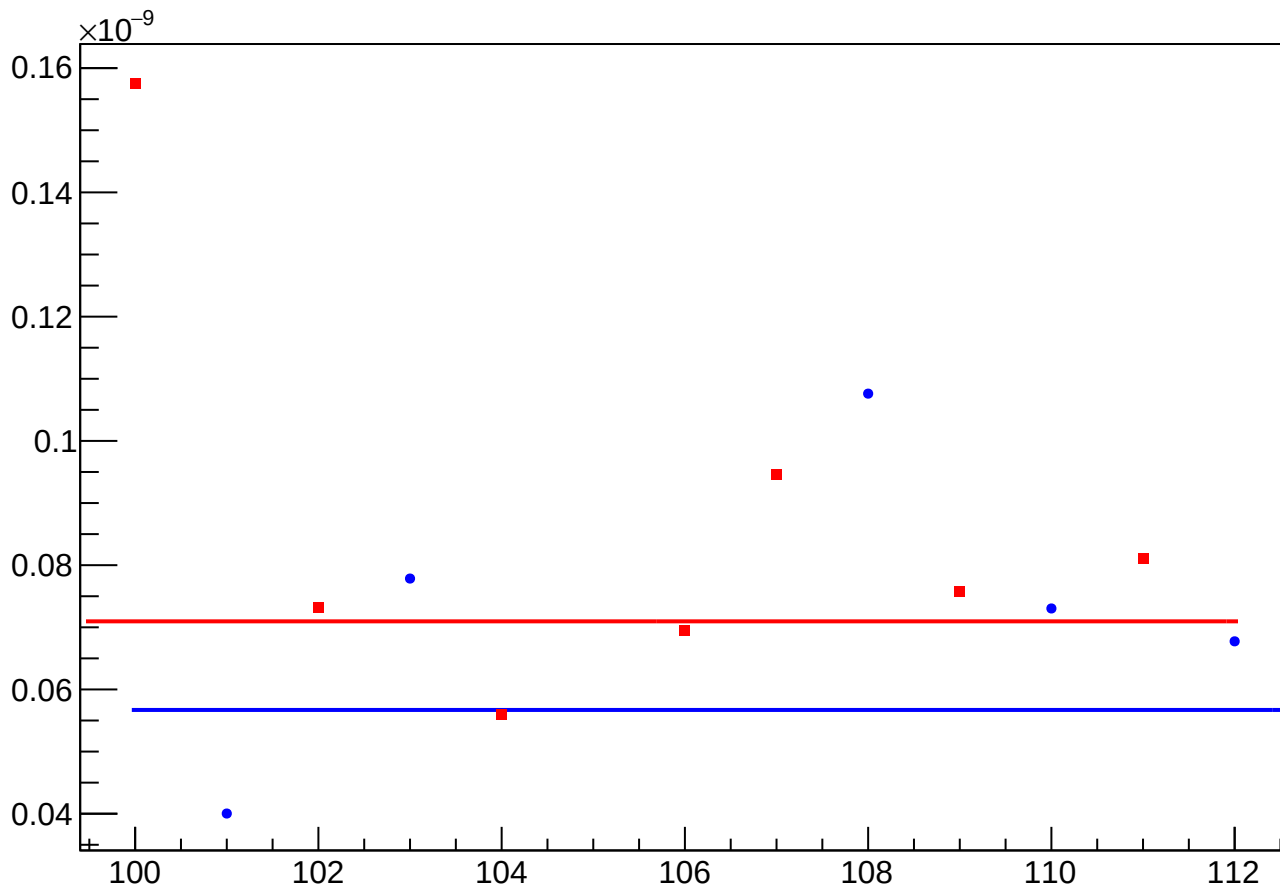
Right: -0.000+/-0.000 χ^2/NDF : 5.7/11

In: -0.000+/-0.000 χ^2/NDF : 2.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 5.7/11

asym_sam_26_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 380461.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 113891.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

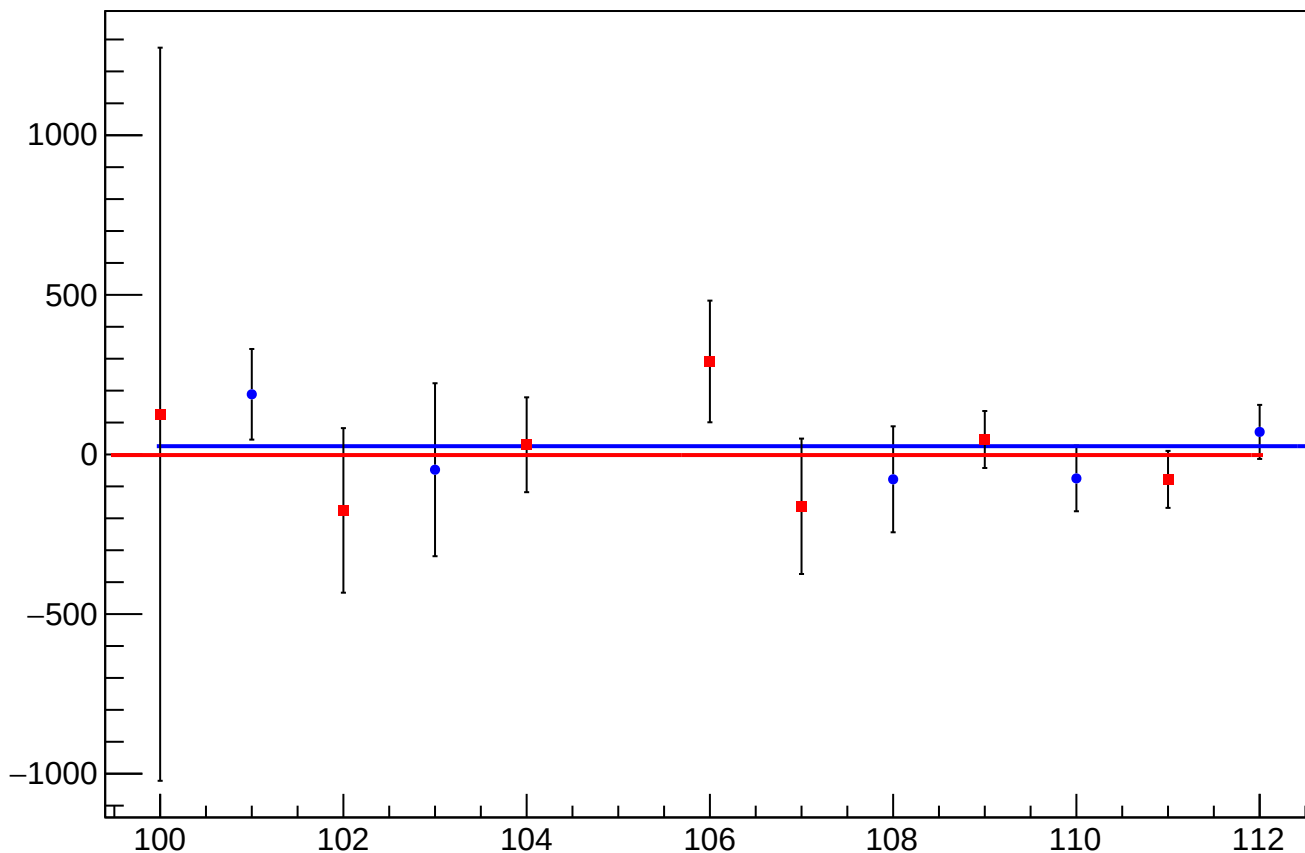
Right: 0.000+/-0.000 χ^2/NDF : 578582.5/11

In: 0.000+/-0.000 χ^2/NDF : 380461.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 578582.5/11

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 25.972+/-54.769 χ^2/NDF : 3.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.834+/-52.560 χ^2/NDF : 4.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

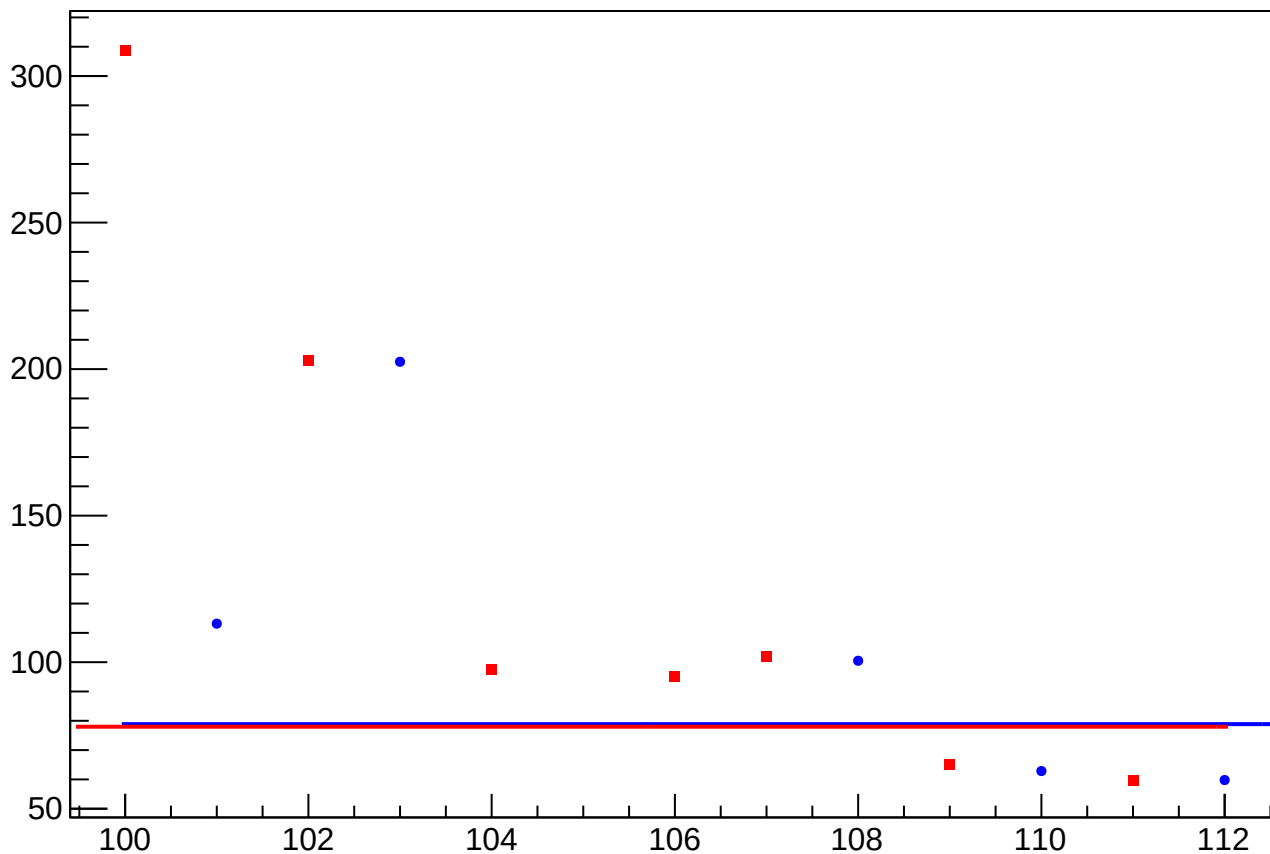
Right: 11.497+/-37.922 χ^2/NDF : 7.6/11

In: 25.972+/-54.769 χ^2/NDF : 3.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.497+/-37.922 χ^2/NDF : 7.6/11

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 78.860+/-0.039 χ^2/NDF : 717135.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.977+/-0.037 χ^2/NDF : 752485.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

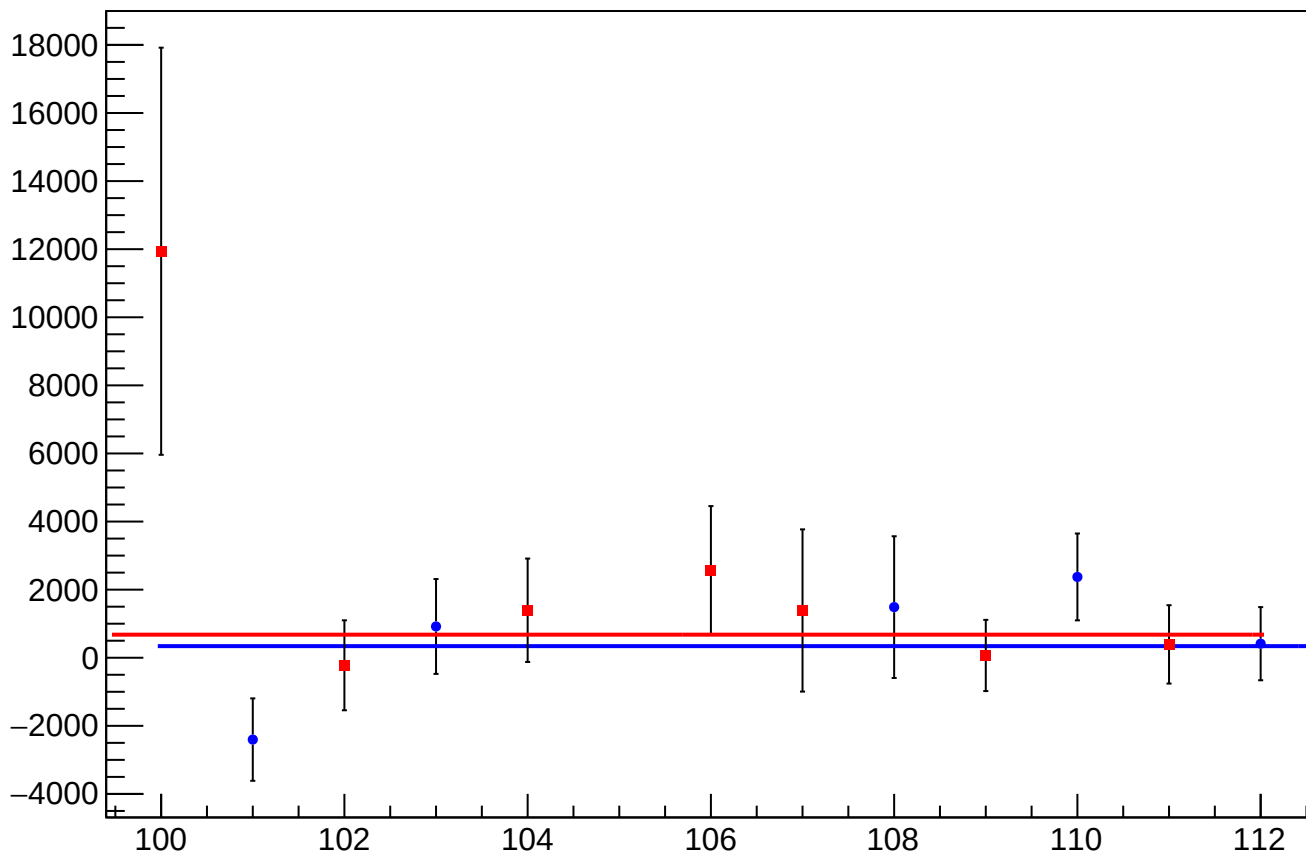
Right: 78.401+/-0.027 χ^2/NDF : 1469891.2/11

In: 78.860+/-0.039 χ^2/NDF : 717135.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.401+/-0.027 χ^2/NDF : 1469891.2/11

asym_sam_37_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 341.069+/-586.185 χ^2/NDF : 8.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 677.715+/-562.277 χ^2/NDF : 5.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

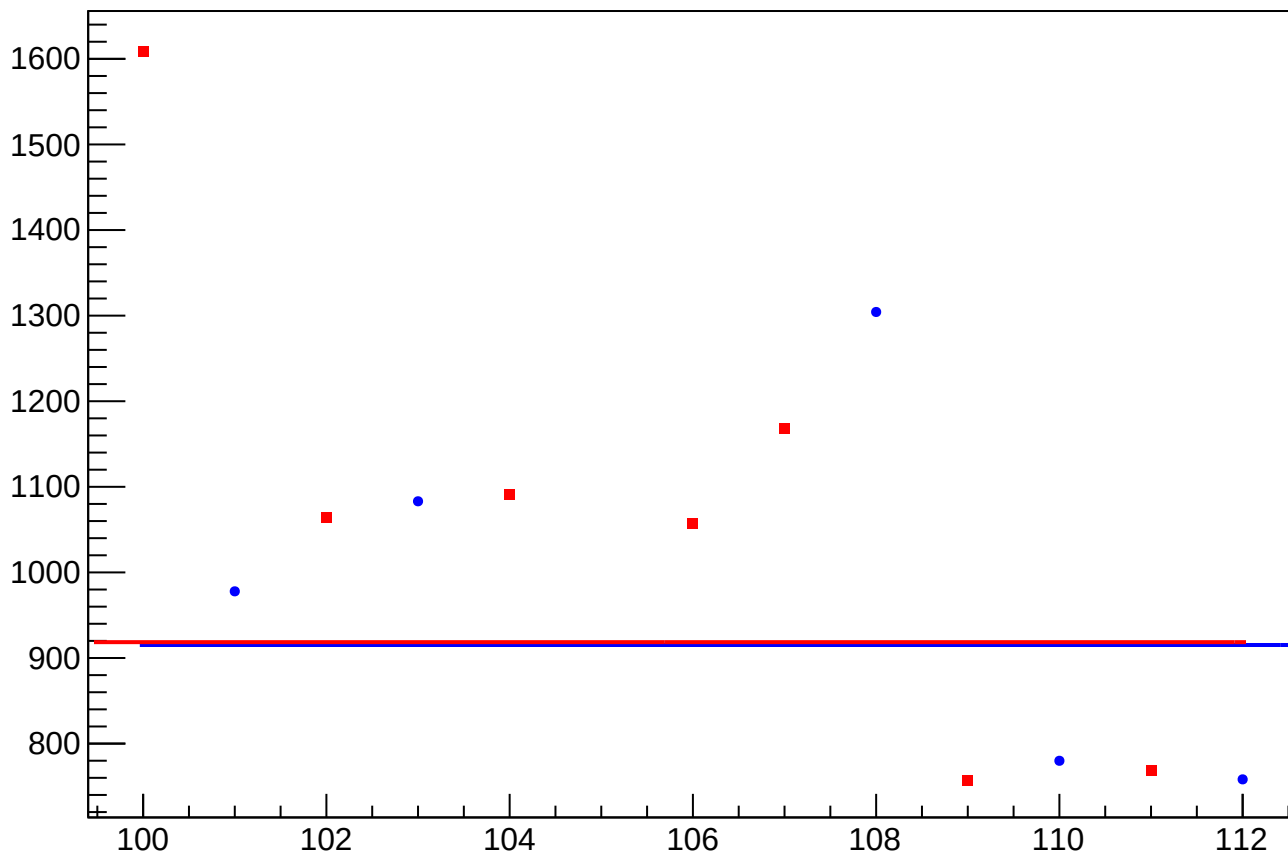
Right: 516.397+/-405.779 χ^2/NDF : 14.1/11

In: 341.069+/-586.185 χ^2/NDF : 8.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 516.397+/-405.779 χ^2/NDF : 14.1/11

asym_sam_37_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 915.198+/-0.414 χ^2/NDF : 169524.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 918.522+/-0.398 χ^2/NDF : 191187.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

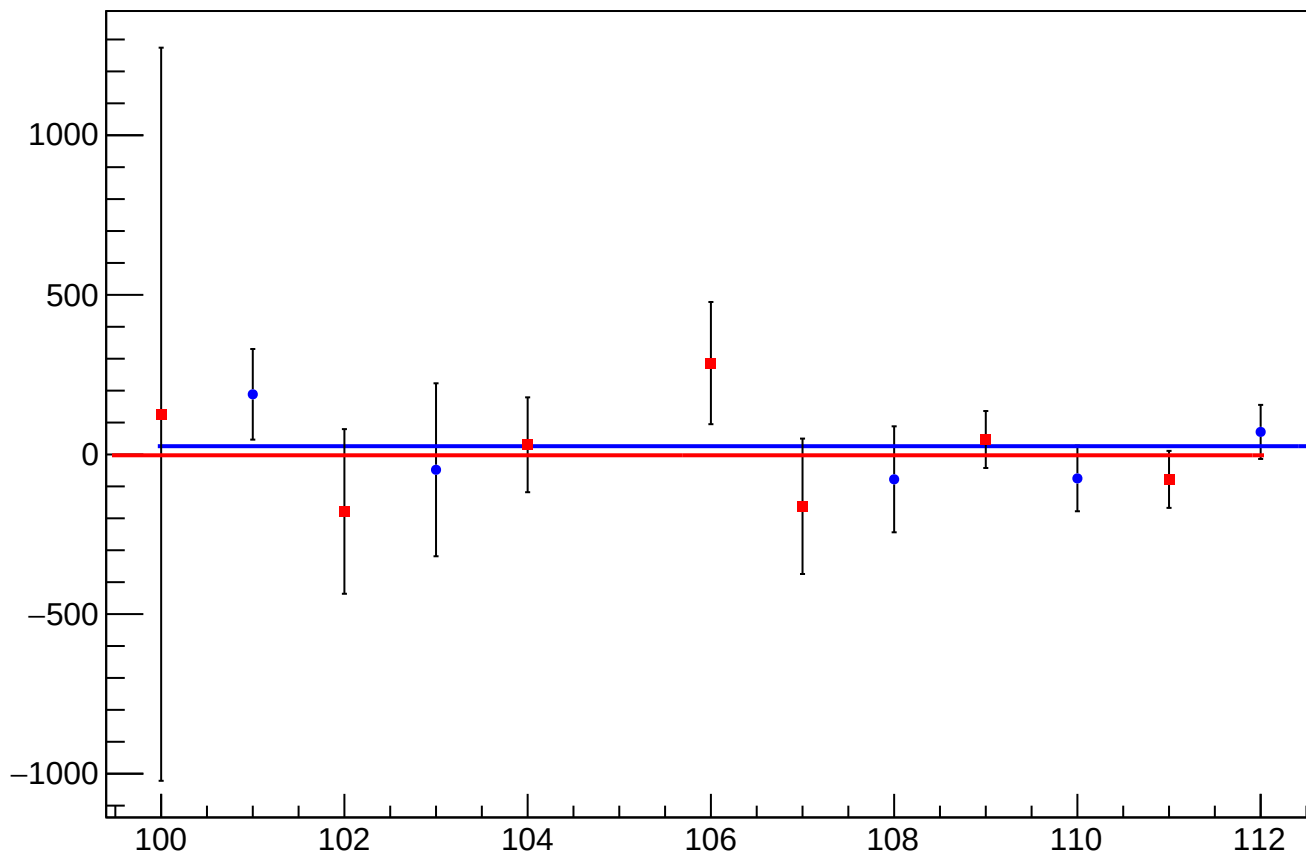
Right: 916.929+/-0.287 χ^2/NDF : 360745.0/11

In: 915.198+/-0.414 χ^2/NDF : 169524.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 916.929+/-0.287 χ^2/NDF : 360745.0/11

cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 25.958+/-54.769 χ^2/NDF : 3.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.541+/-52.578 χ^2/NDF : 4.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

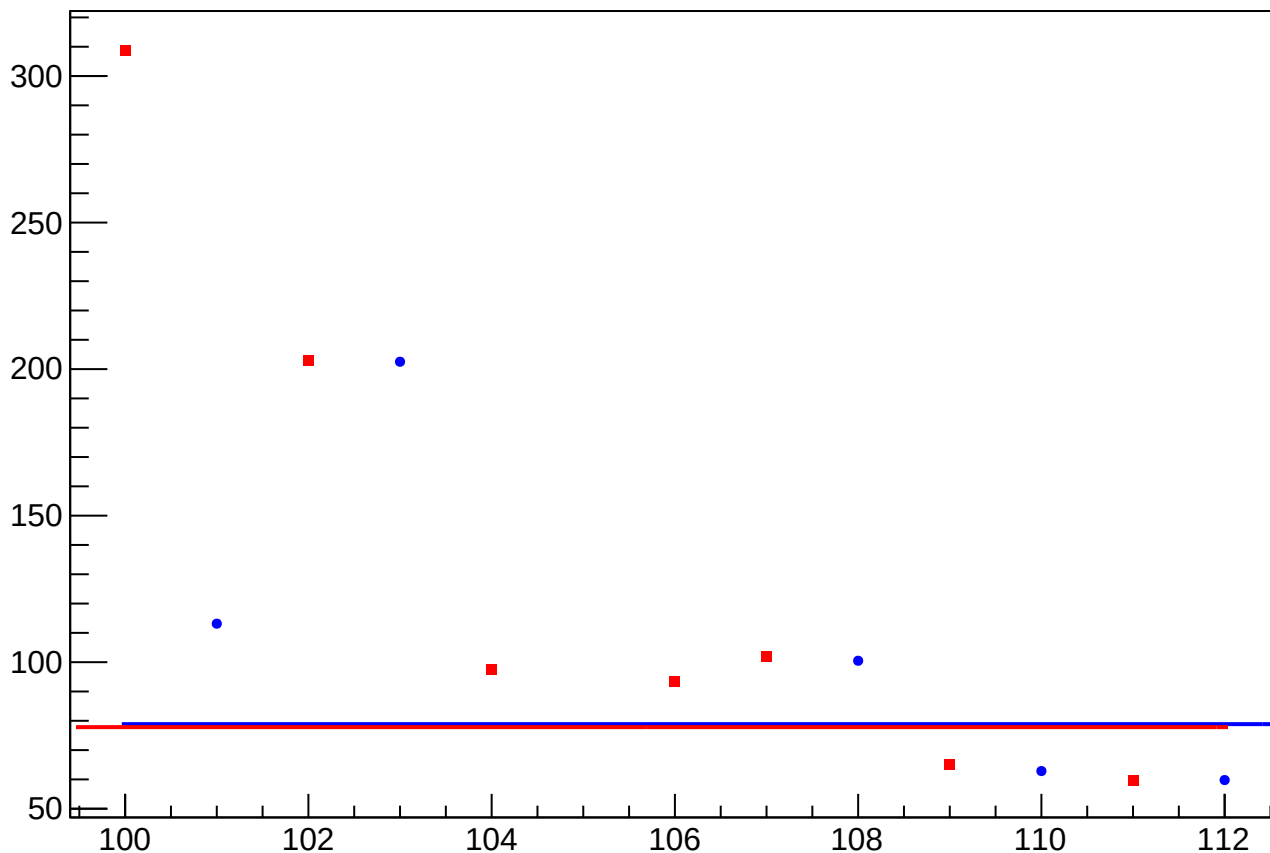
Right: 11.127+/-37.929 χ^2/NDF : 7.6/11

In: 25.958+/-54.769 χ^2/NDF : 3.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.127+/-37.929 χ^2/NDF : 7.6/11

cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 78.860+/-0.039 χ^2/NDF : 717137.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.837+/-0.037 χ^2/NDF : 749542.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

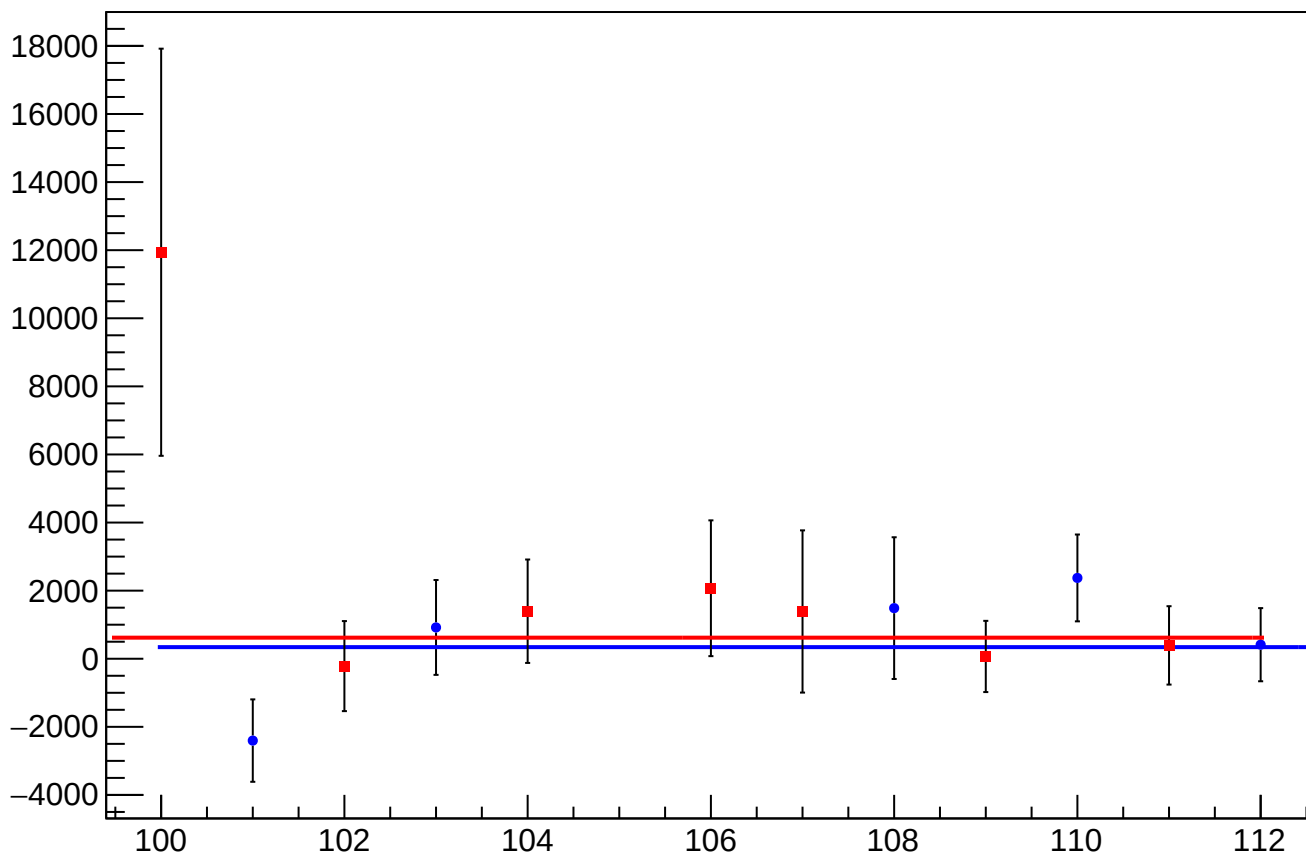
Right: 78.328+/-0.027 χ^2/NDF : 1467043.0/11

In: 78.860+/-0.039 χ^2/NDF : 717137.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.328+/-0.027 χ^2/NDF : 1467043.0/11

asym_sam_37_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 341.122+/-586.196 χ^2/NDF : 8.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 619.188+/-565.232 χ^2/NDF : 5.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

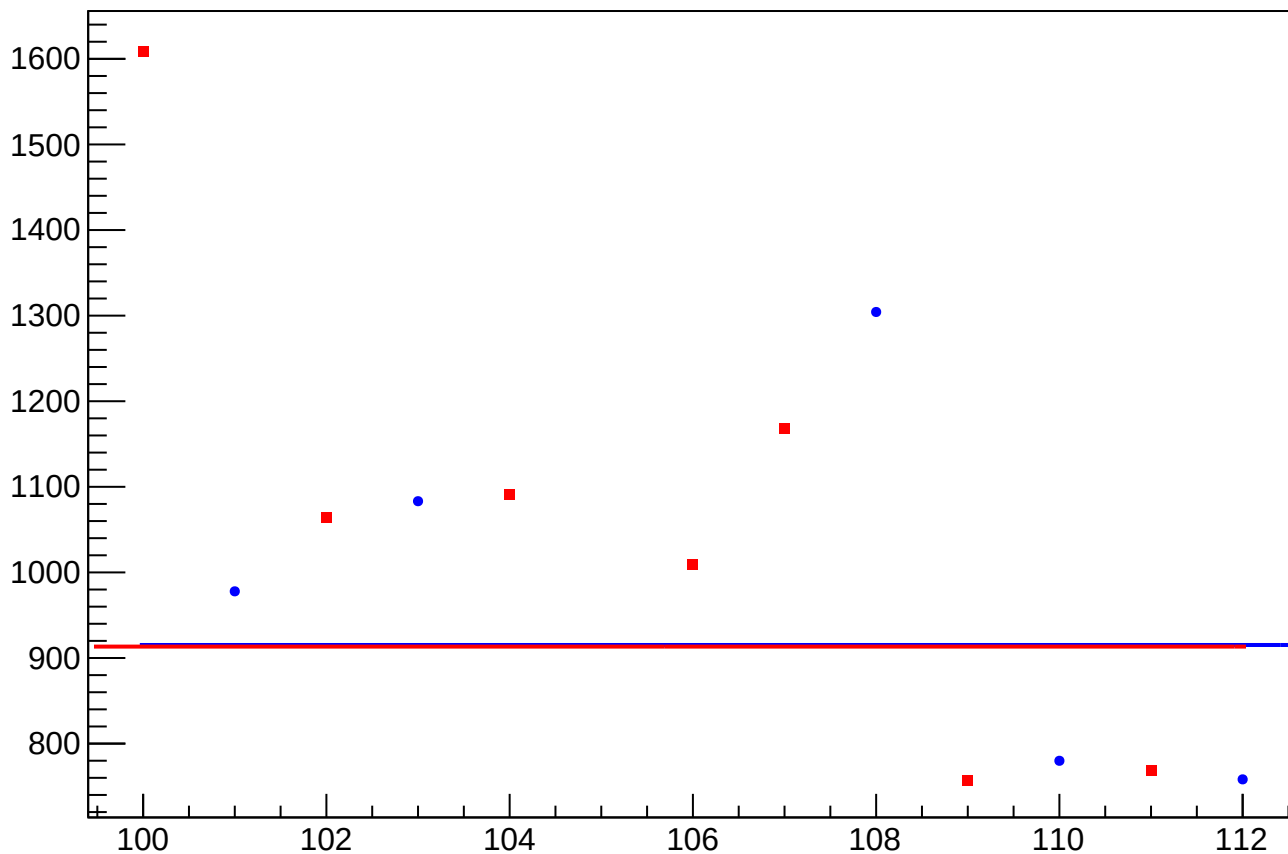
Right: 485.216+/-406.889 χ^2/NDF : 13.5/11

In: 341.122+/-586.196 χ^2/NDF : 8.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 485.216+/-406.889 χ^2/NDF : 13.5/11

asym_sam_37_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 915.211+/-0.415 χ^2/NDF : 169556.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 913.330+/-0.400 χ^2/NDF : 184444.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

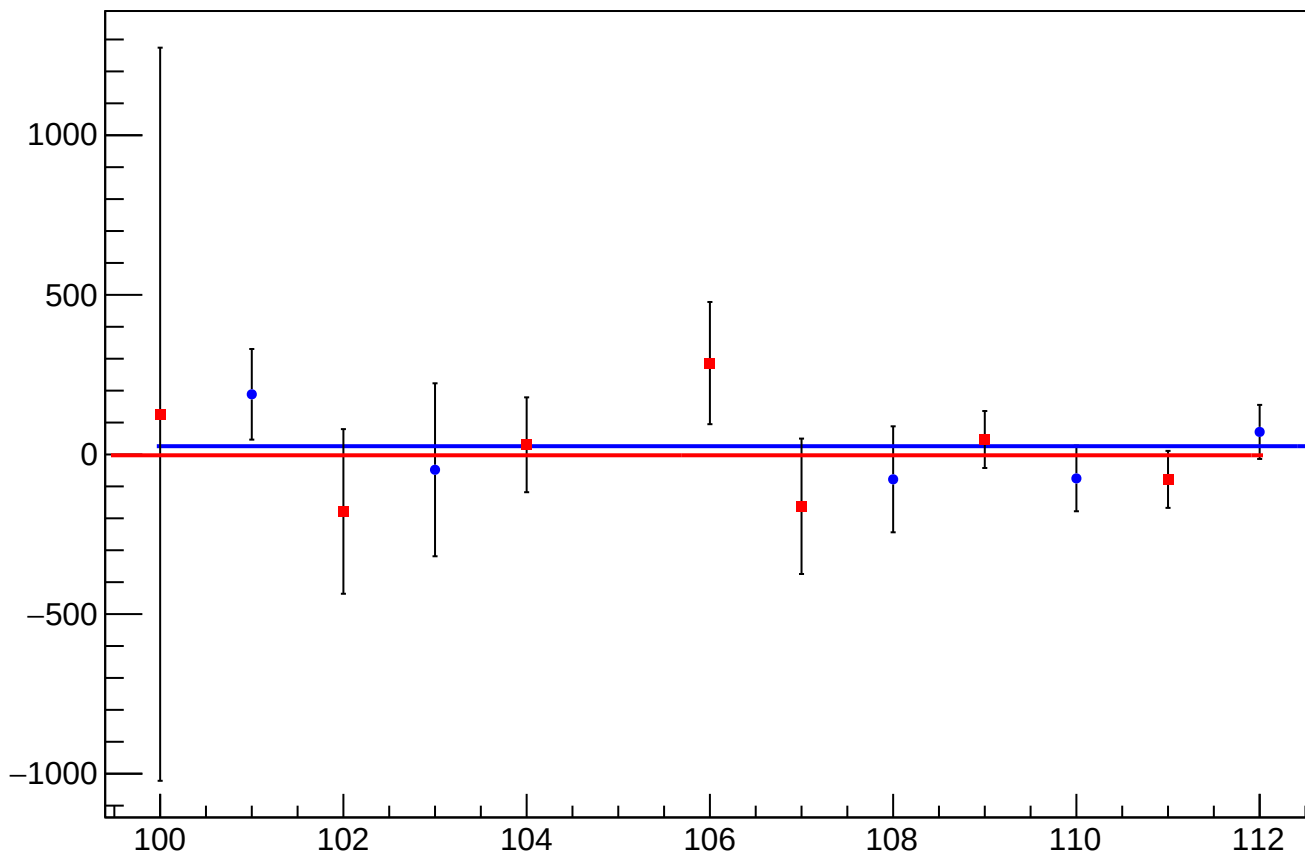
Right: 914.236+/-0.288 χ^2/NDF : 354012.1/11

In: 915.211+/-0.415 χ^2/NDF : 169556.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 914.236+/-0.288 χ^2/NDF : 354012.1/11

eigen_cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 25.958+/-54.769 χ^2/NDF : 3.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.541+/-52.578 χ^2/NDF : 4.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

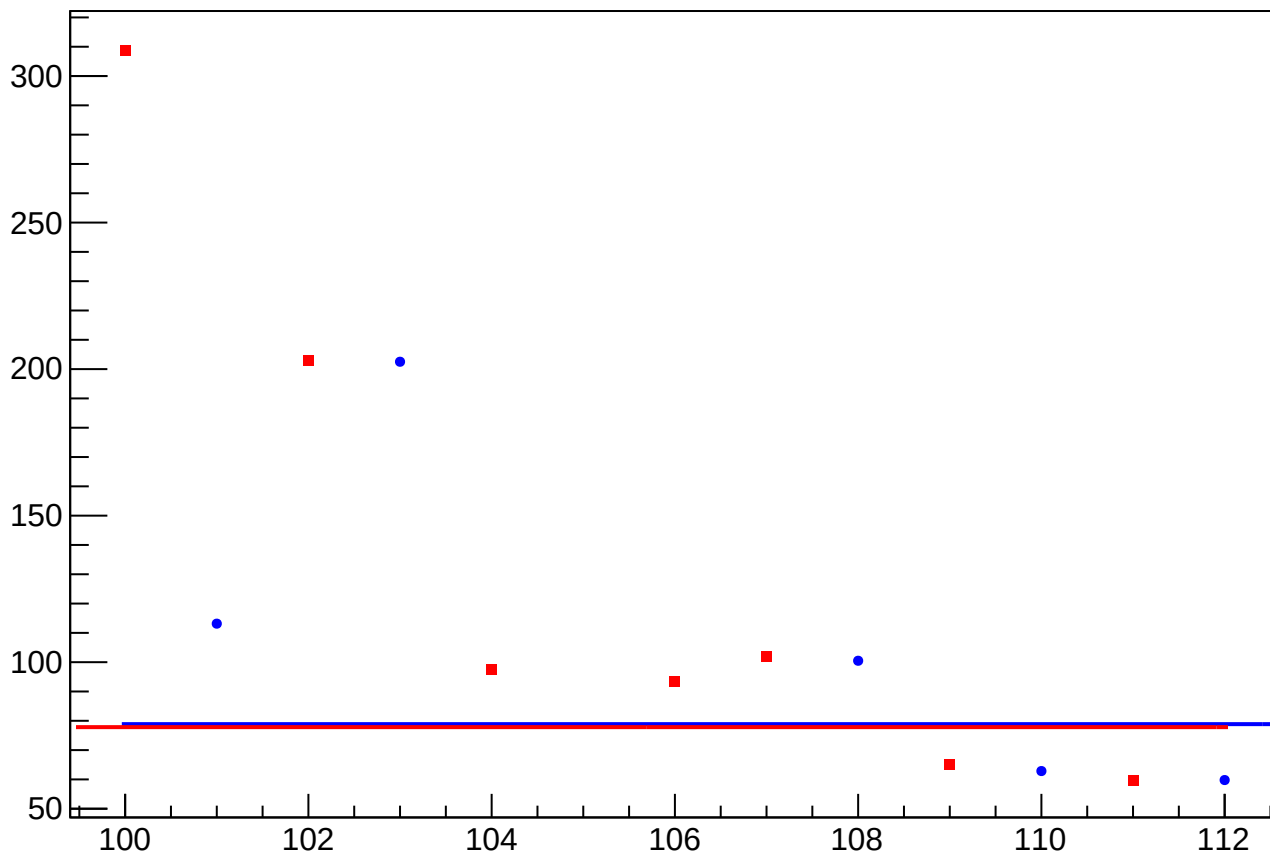
Right: 11.127+/-37.929 χ^2/NDF : 7.6/11

In: 25.958+/-54.769 χ^2/NDF : 3.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.127+/-37.929 χ^2/NDF : 7.6/11

eigen_cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 78.860+/-0.039 χ^2/NDF : 717137.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.837+/-0.037 χ^2/NDF : 749542.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

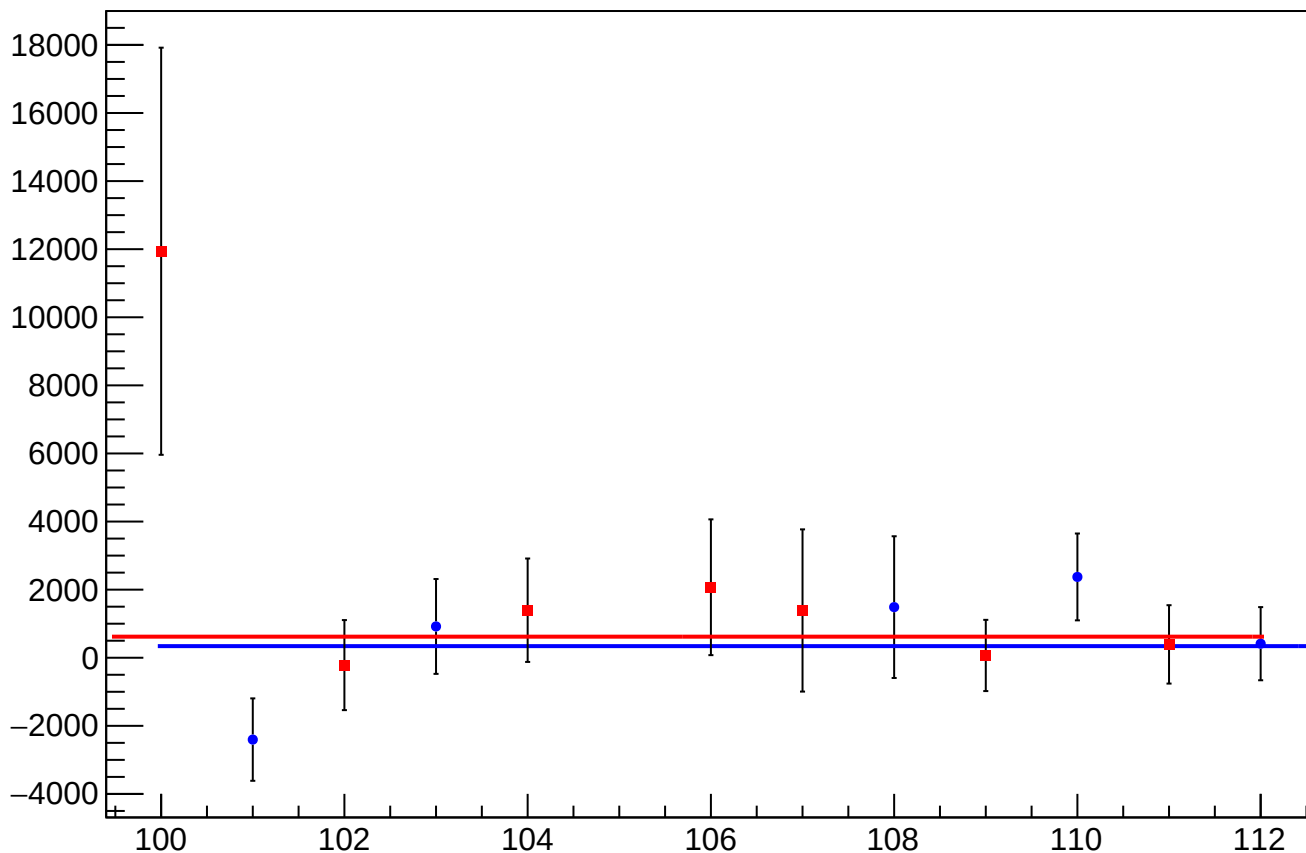
Right: 78.328+/-0.027 χ^2/NDF : 1467043.0/11

In: 78.860+/-0.039 χ^2/NDF : 717137.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.328+/-0.027 χ^2/NDF : 1467043.0/11

asym_sam_37_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 341.122+/-586.196 χ^2/NDF : 8.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 619.188+/-565.232 χ^2/NDF : 5.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

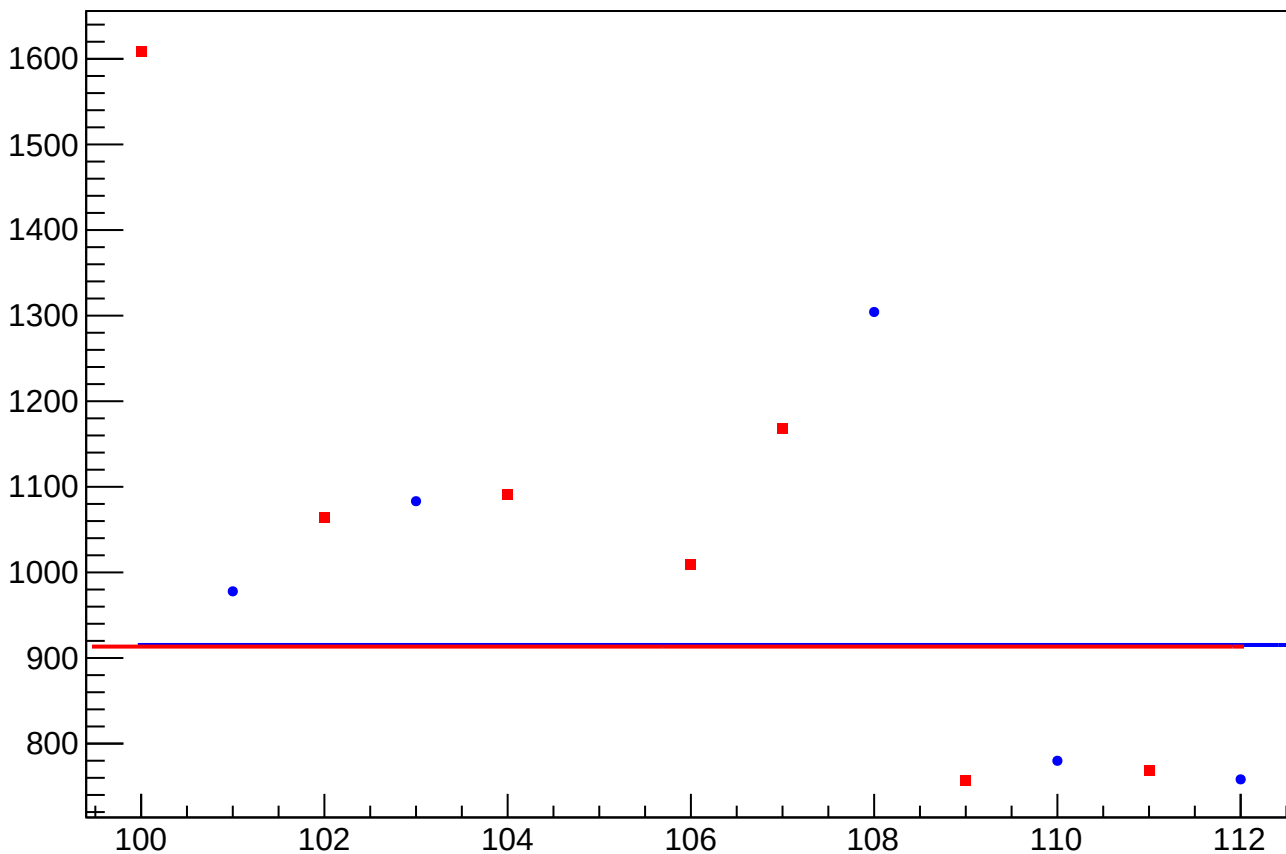
Right: 485.216+/-406.889 χ^2/NDF : 13.5/11

In: 341.122+/-586.196 χ^2/NDF : 8.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 485.216+/-406.889 χ^2/NDF : 13.5/11

asym_sam_37_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 915.211+/-0.415 χ^2/NDF : 169556.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 913.330+/-0.400 χ^2/NDF : 184444.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

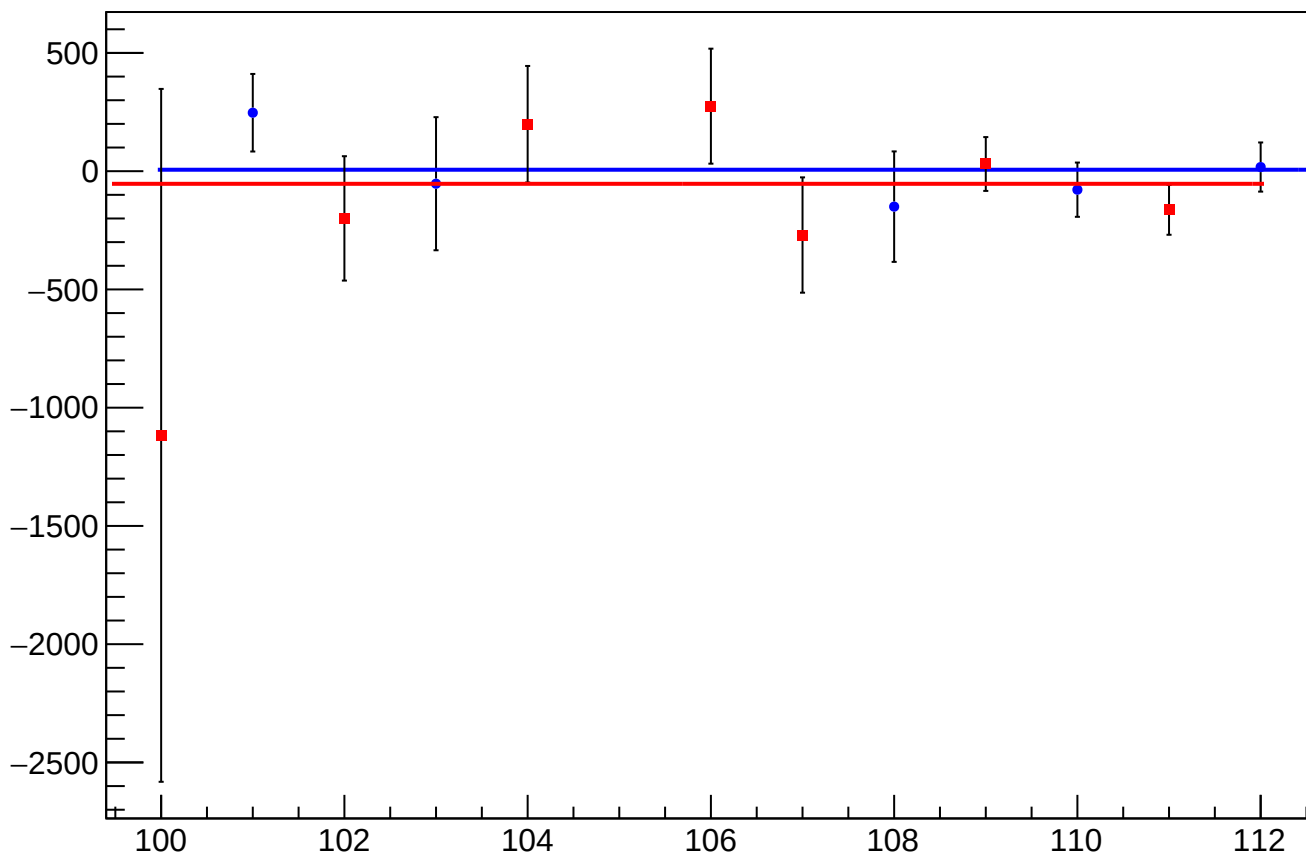
Right: 914.236+/-0.288 χ^2/NDF : 354012.1/11

In: 915.211+/-0.415 χ^2/NDF : 169556.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 914.236+/-0.288 χ^2/NDF : 354012.1/11

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 6.118+/-64.993 χ^2/NDF : 3.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -53.406+/-65.585 χ^2/NDF : 6.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

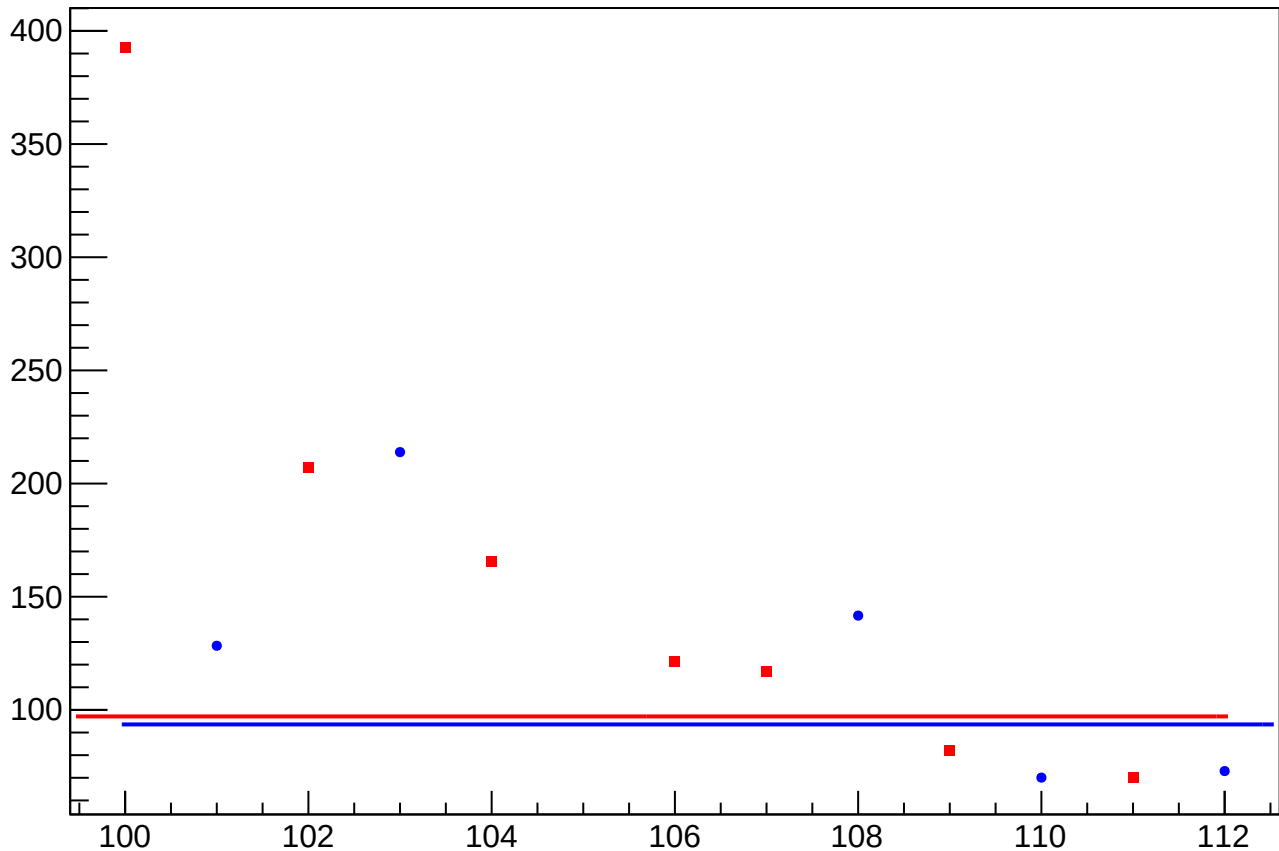
Right: -23.374+/-46.165 χ^2/NDF : 9.7/11

In: 6.118+/-64.993 χ^2/NDF : 3.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.374+/-46.165 χ^2/NDF : 9.7/11

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 93.583+/-0.046 χ^2/NDF : 702768.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.121+/-0.046 χ^2/NDF : 785280.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

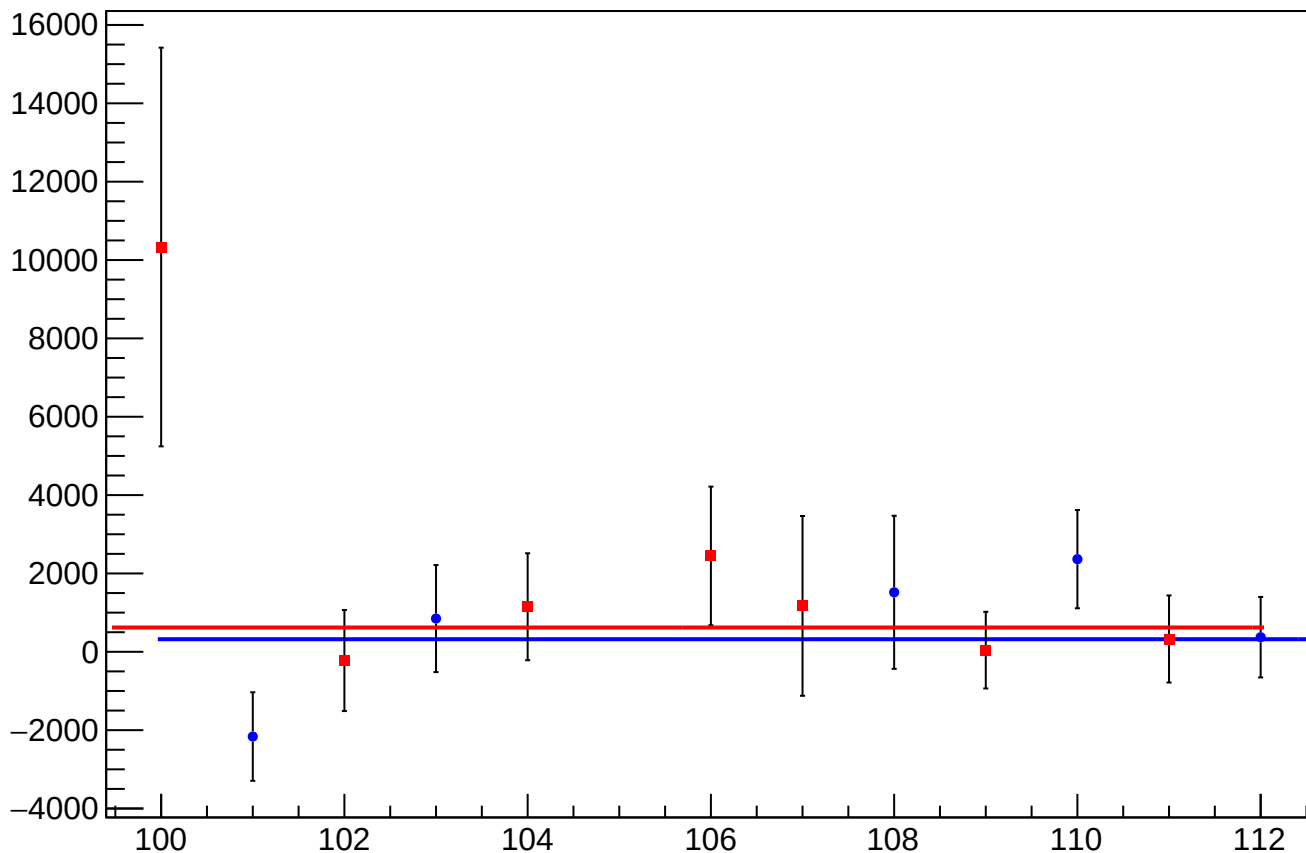
Right: 95.336+/-0.033 χ^2/NDF : 1490985.9/11

In: 93.583+/-0.046 χ^2/NDF : 702768.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.336+/-0.033 χ^2/NDF : 1490985.9/11

asym_sam_37_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 321.164+/-562.159 χ^2/NDF : 8.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 620.490+/-531.523 χ^2/NDF : 5.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

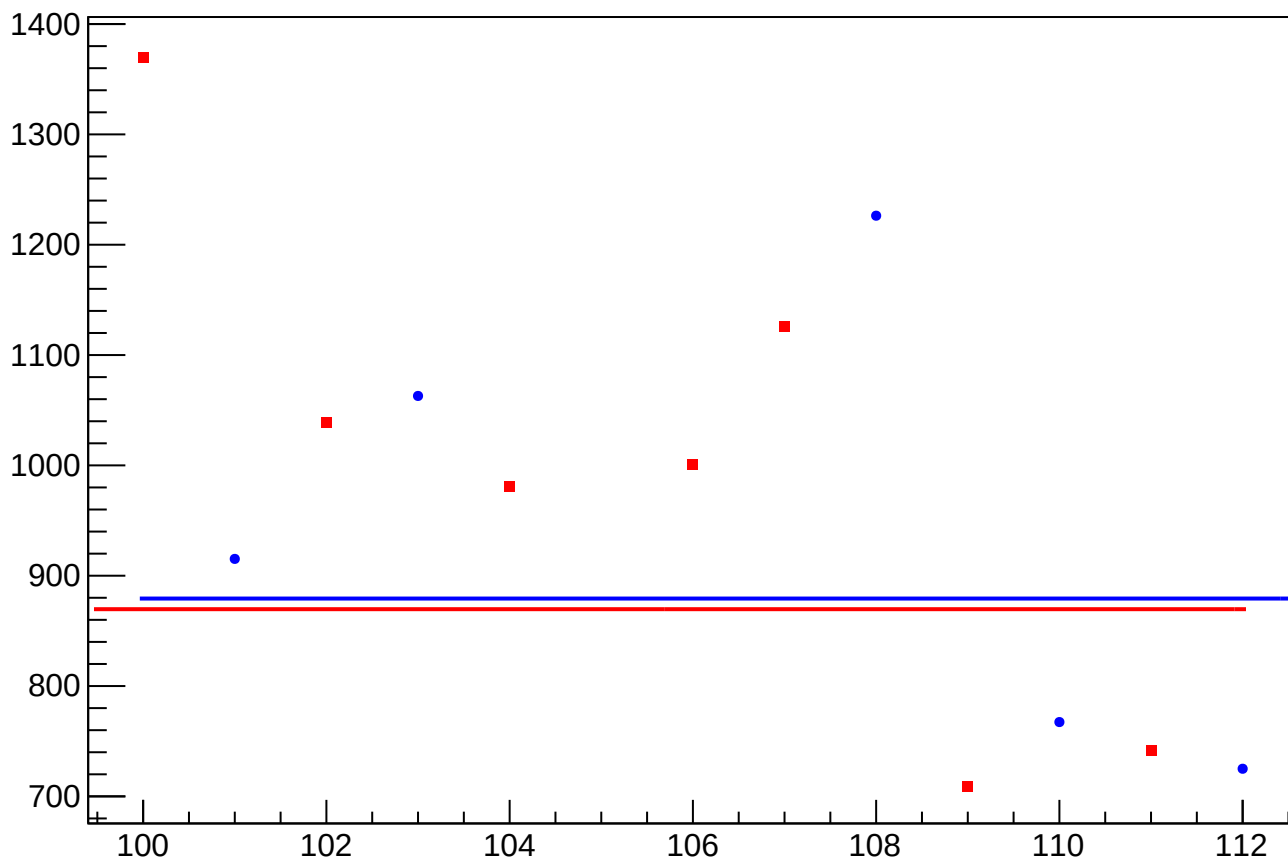
Right: 479.205+/-386.220 χ^2/NDF : 13.9/11

In: 321.164+/-562.159 χ^2/NDF : 8.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 479.205+/-386.220 χ^2/NDF : 13.9/11

asym_sam_37_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 879.302 $\pm$ 0.398 χ^2 /NDF: 162298.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 869.664 $\pm$ 0.376 χ^2 /NDF: 182675.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

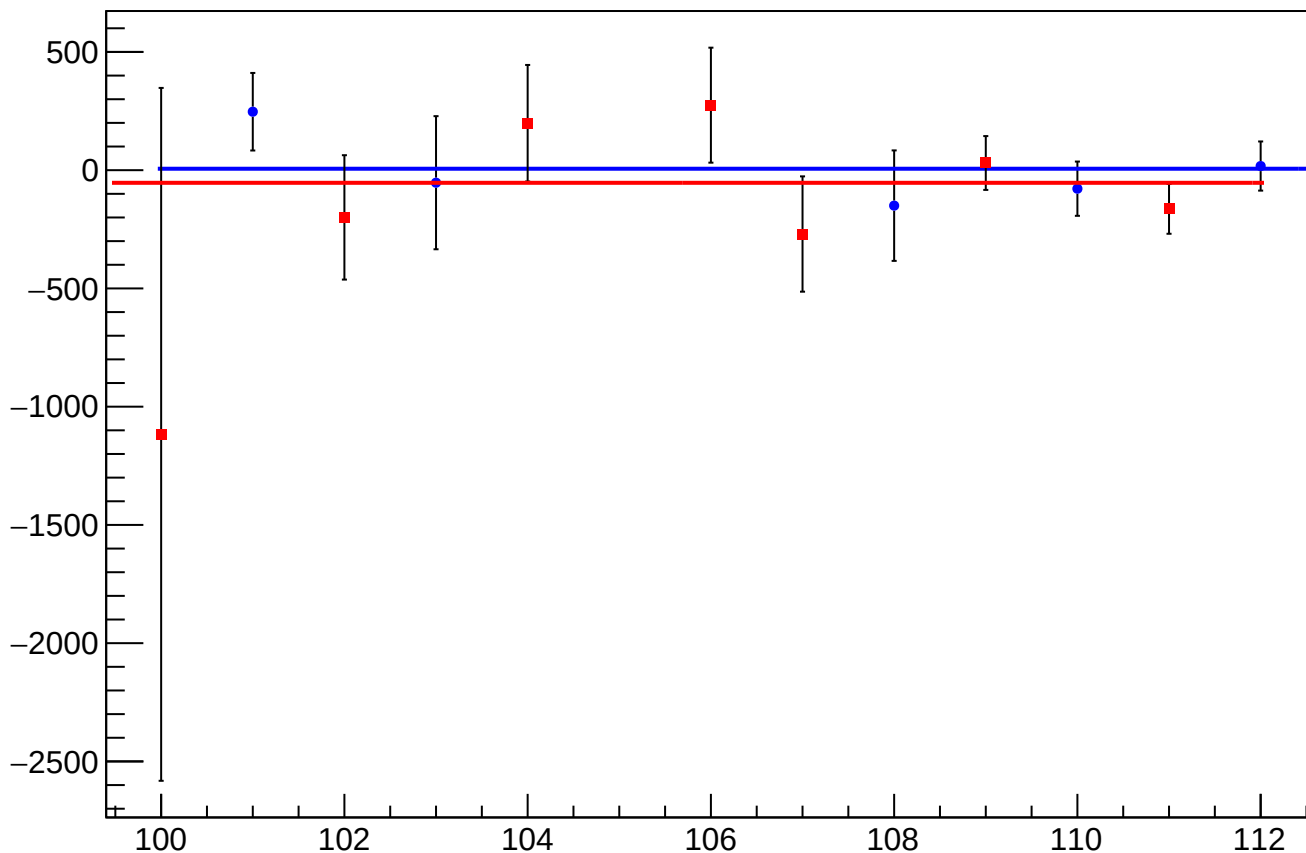
Right: 874.213 $\pm$ 0.273 χ^2 /NDF: 345284.3/11

In: 879.302 $\pm$ 0.398 χ^2 /NDF:162298.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 874.213 $\pm$ 0.273 χ^2 /NDF: 345284.3/11

eigen_dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 6.117+/-64.994 χ^2/NDF : 3.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -53.407+/-65.586 χ^2/NDF : 6.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

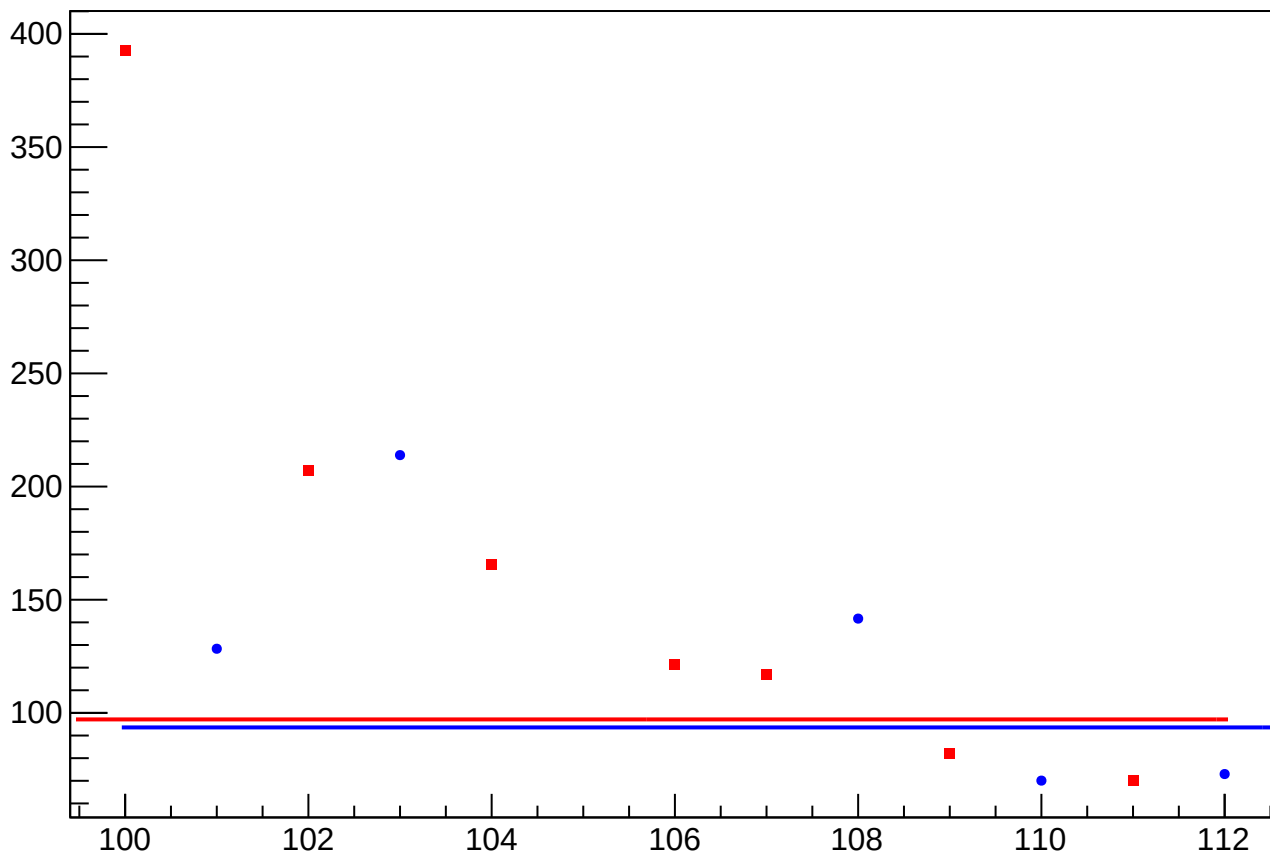
Right: -23.375+/-46.165 χ^2/NDF : 9.7/11

In: 6.117+/-64.994 χ^2/NDF : 3.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.375+/-46.165 χ^2/NDF : 9.7/11

eigen_dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 93.584+/-0.046 χ^2/NDF : 702760.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.122+/-0.046 χ^2/NDF : 785277.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

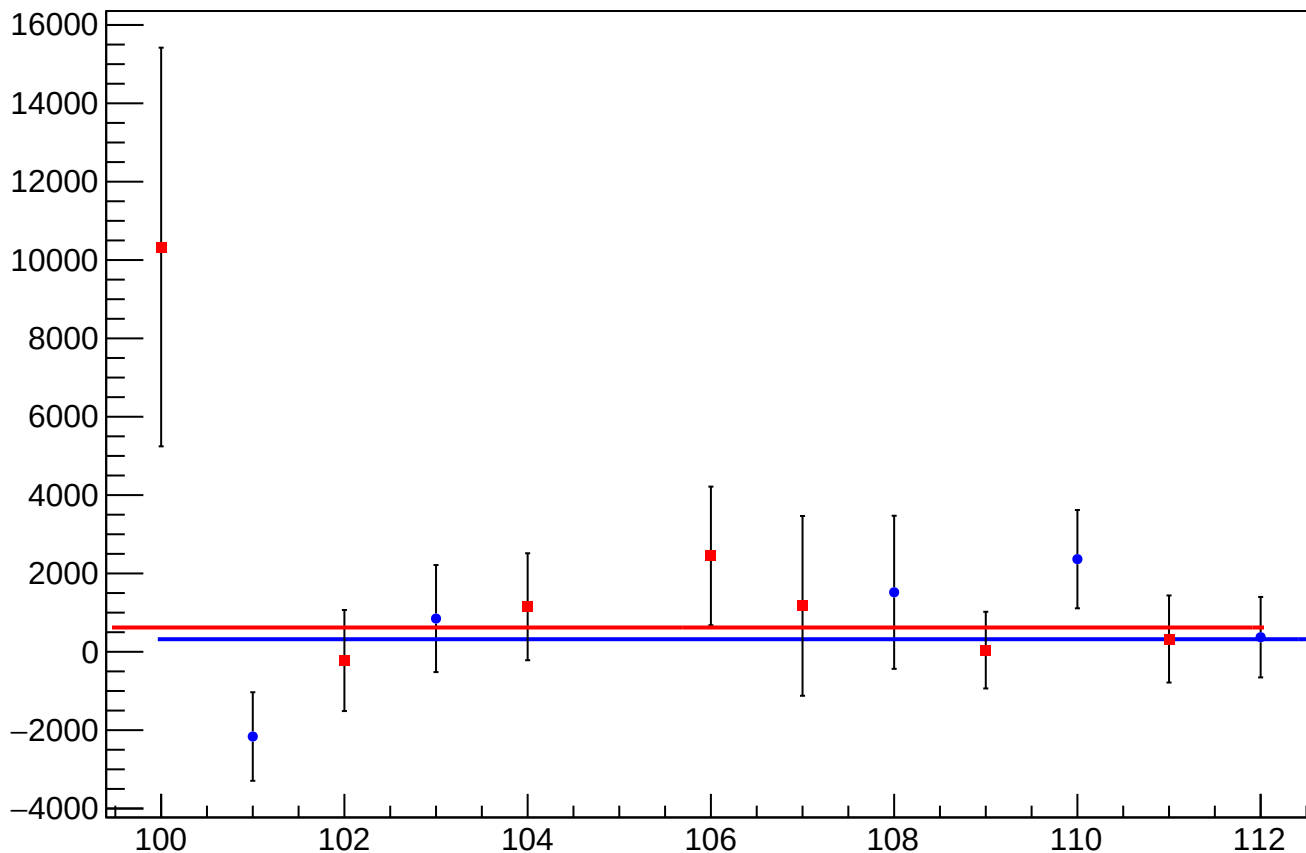
Right: 95.337+/-0.033 χ^2/NDF : 1490974.3/11

In: 93.584+/-0.046 χ^2/NDF : 702760.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.337+/-0.033 χ^2/NDF : 1490974.3/11

asym_sam_37_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 321.162+/-562.157 χ^2/NDF : 8.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 620.488+/-531.522 χ^2/NDF : 5.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

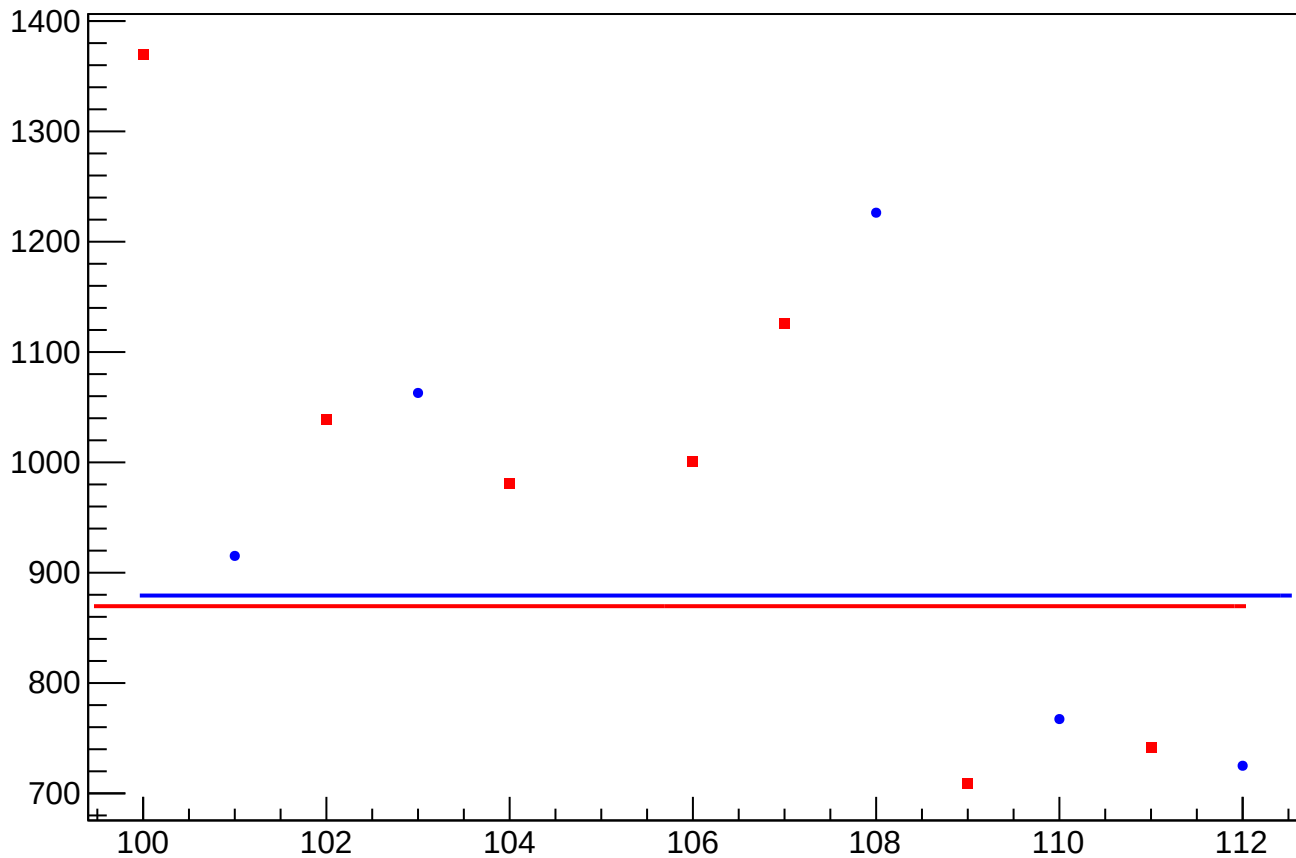
Right: 479.203+/-386.219 χ^2/NDF : 13.9/11

In: 321.162+/-562.157 χ^2/NDF : 8.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 479.203+/-386.219 χ^2/NDF : 13.9/11

asym_sam_37_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 879.299+/-0.398 χ^2/NDF : 162298.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 869.662+/-0.376 χ^2/NDF : 182674.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

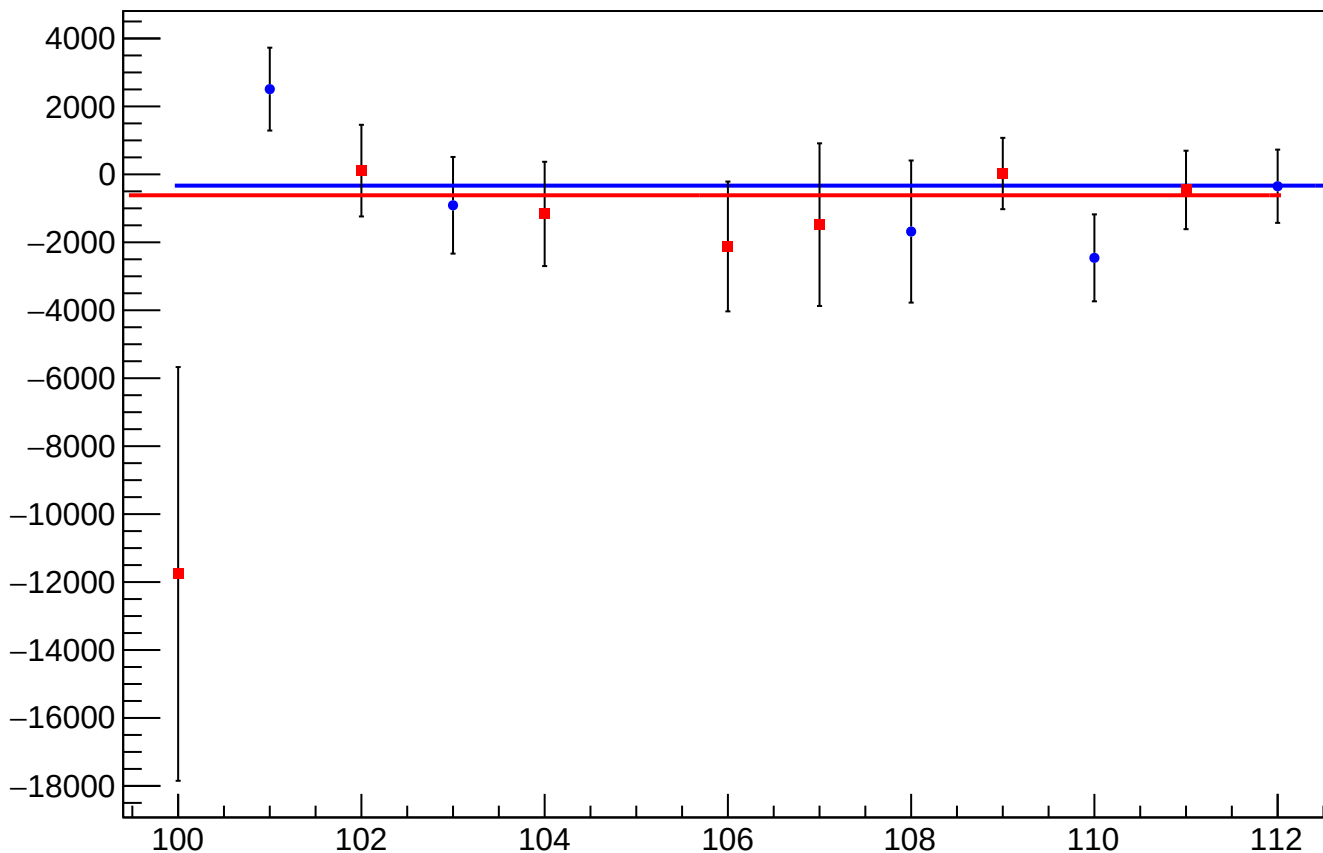
Right: 874.211+/-0.273 χ^2/NDF : 345282.8/11

In: 879.299+/-0.398 χ^2/NDF : 162298.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 874.211+/-0.273 χ^2/NDF : 345282.8/11

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -331.579+/-590.669 χ^2/NDF : 8.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -615.484+/-567.331 χ^2/NDF : 4.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

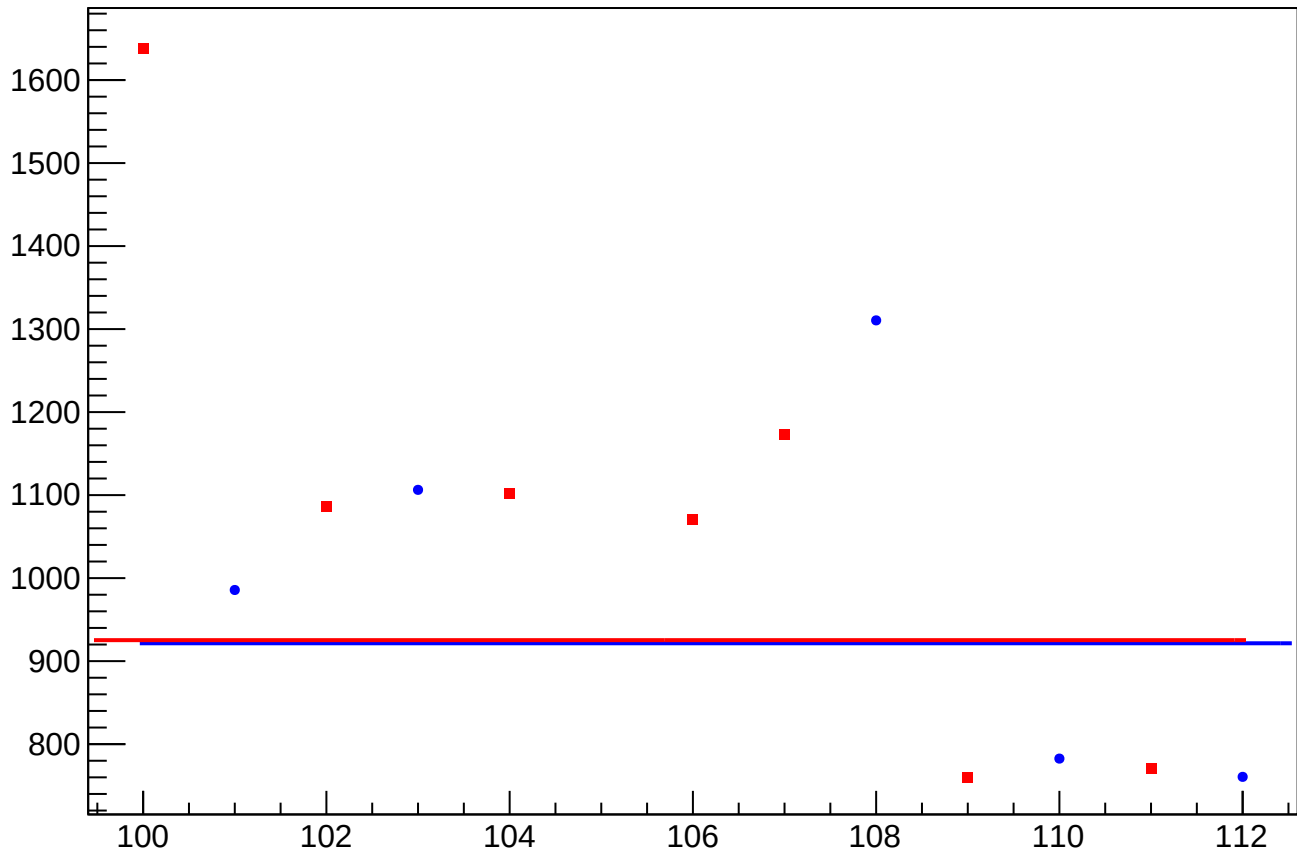
Right: -479.251+/-409.165 χ^2/NDF : 13.8/11

In: -331.579+/-590.669 χ^2/NDF : 8.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -479.251+/-409.165 χ^2/NDF : 13.8/11

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 921.511+/-0.418 χ^2/NDF : 176650.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 925.273+/-0.401 χ^2/NDF : 200813.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

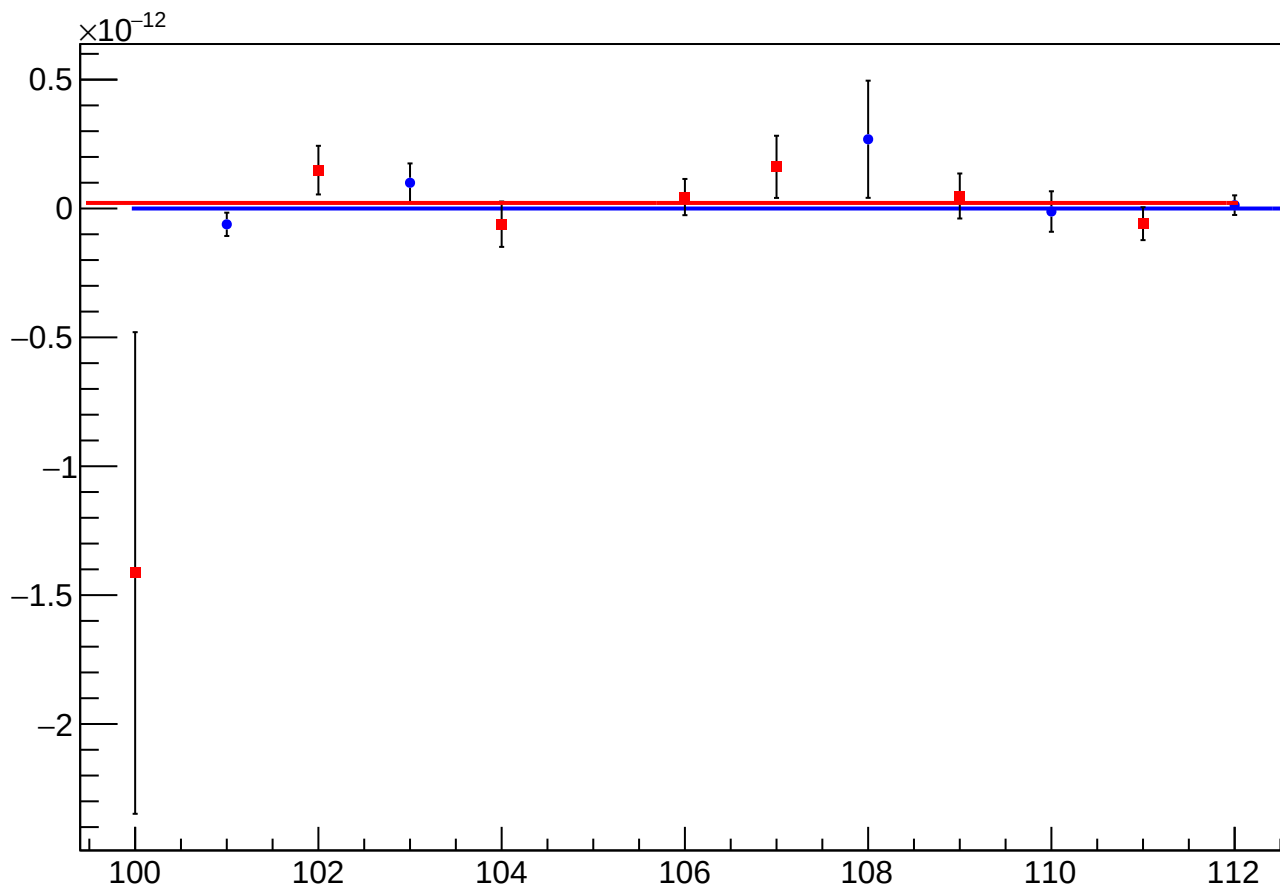
Right: 923.468+/-0.289 χ^2/NDF : 377506.0/11

In: 921.511+/-0.418 χ^2/NDF : 176650.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 923.468+/-0.289 χ^2/NDF : 377506.0/11

asym_sam_37_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 5.1/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 8.2/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

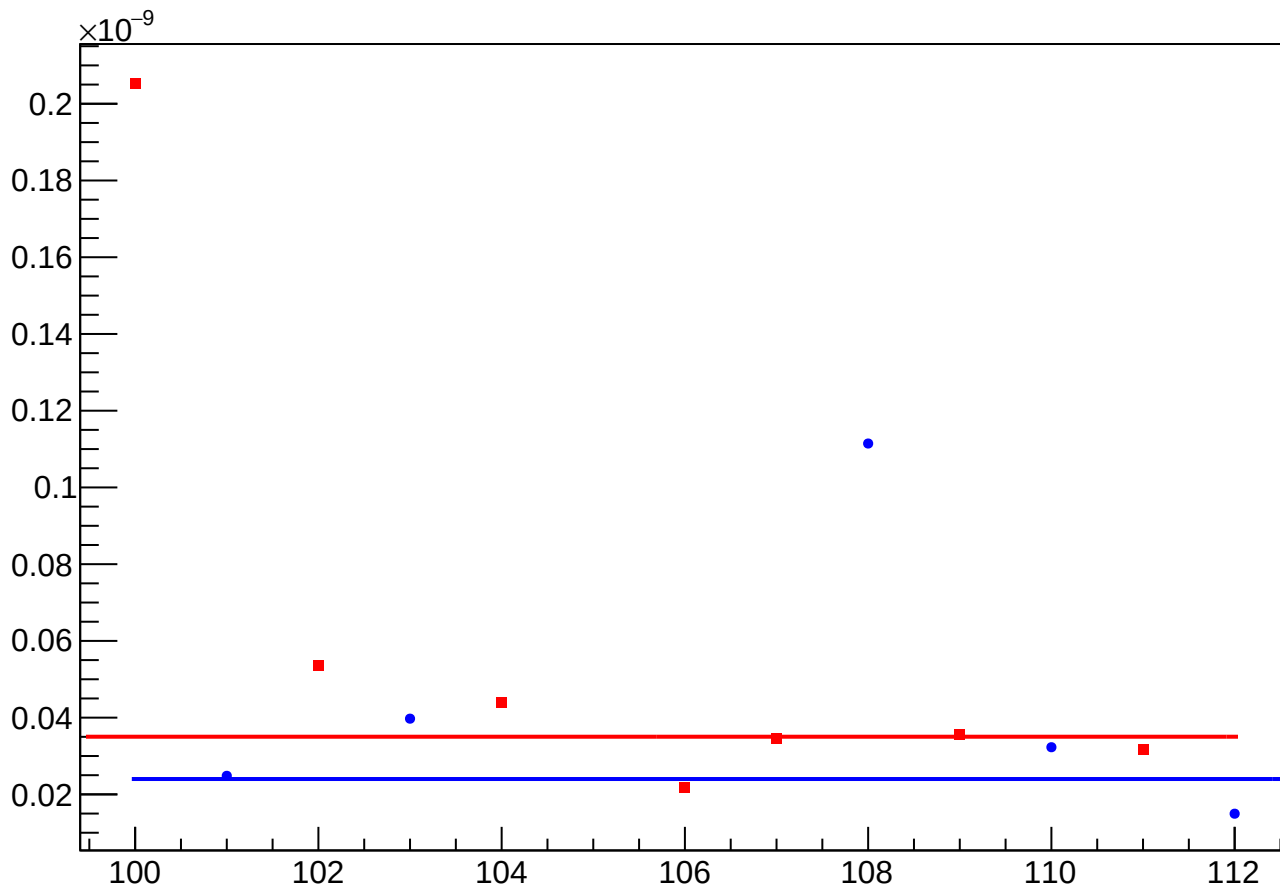
Right: 0.000+/-0.000 χ^2 /NDF: 13.6/11

In: -0.000+/-0.000 χ^2 /NDF:5.1/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 13.6/11

asym_sam_37_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 519328.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 241027.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

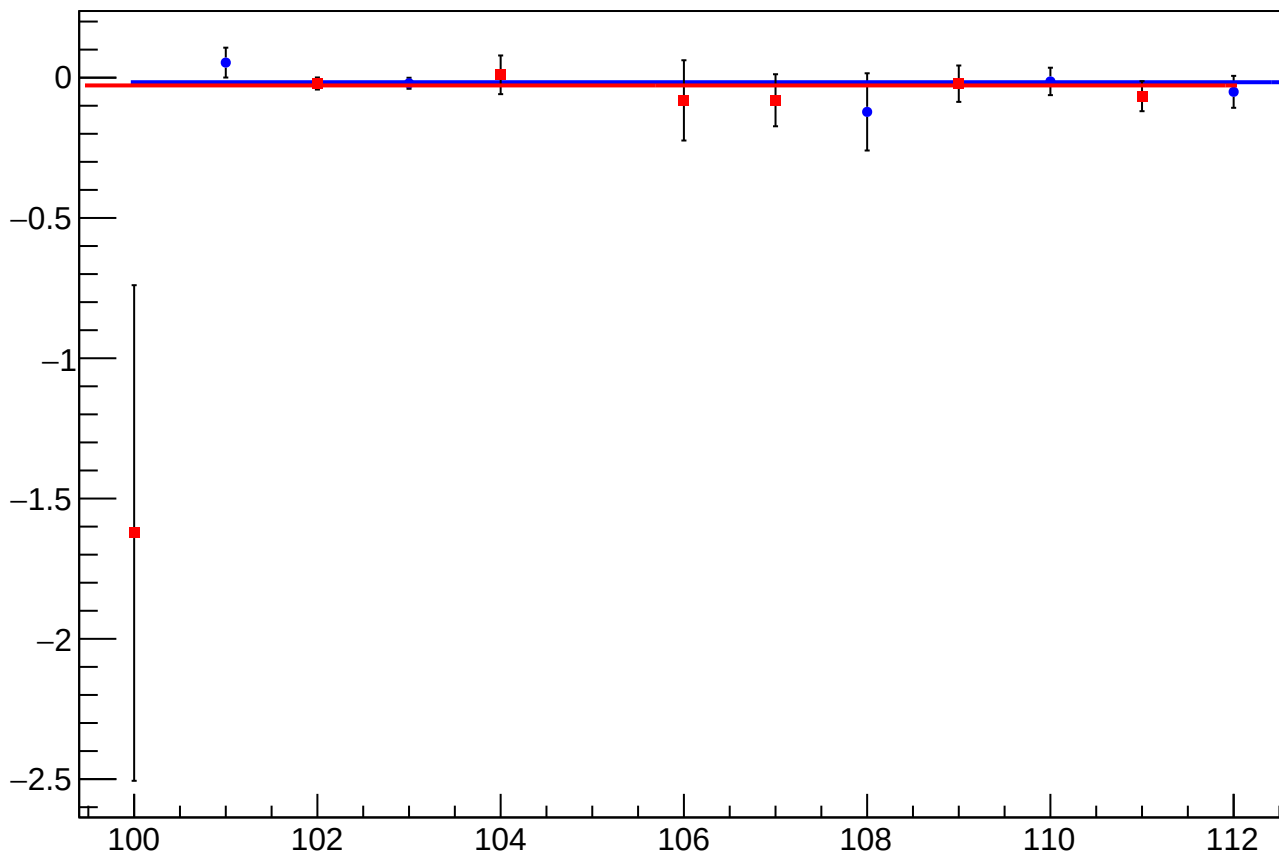
Right: 0.000+/-0.000 χ^2/NDF : 897446.7/11

In: 0.000+/-0.000 χ^2/NDF : 519328.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 897446.7/11

asym_sam_37_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 $\pm$ 0.016 χ^2 /NDF: 2.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.028 $\pm$ 0.018 χ^2 /NDF: 4.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

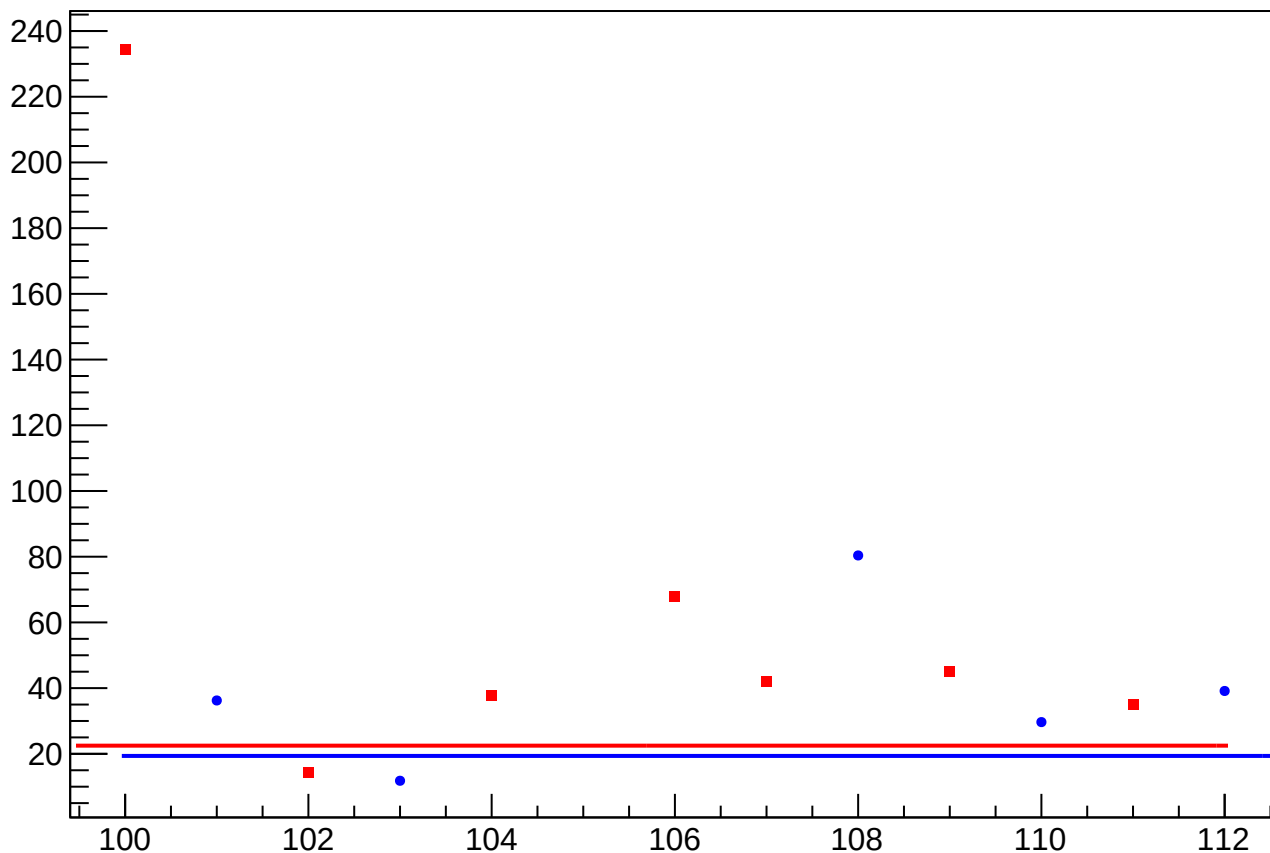
Right: -0.021 $\pm$ 0.012 χ^2 /NDF: 7.6/11

In: -0.016 $\pm$ 0.016 χ^2 /NDF:2.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.021 $\pm$ 0.012 χ^2 /NDF: 7.6/11

asym_sam_37_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.363+/-0.012 χ^2/NDF : 1220606.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.489+/-0.013 χ^2/NDF : 1149904.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

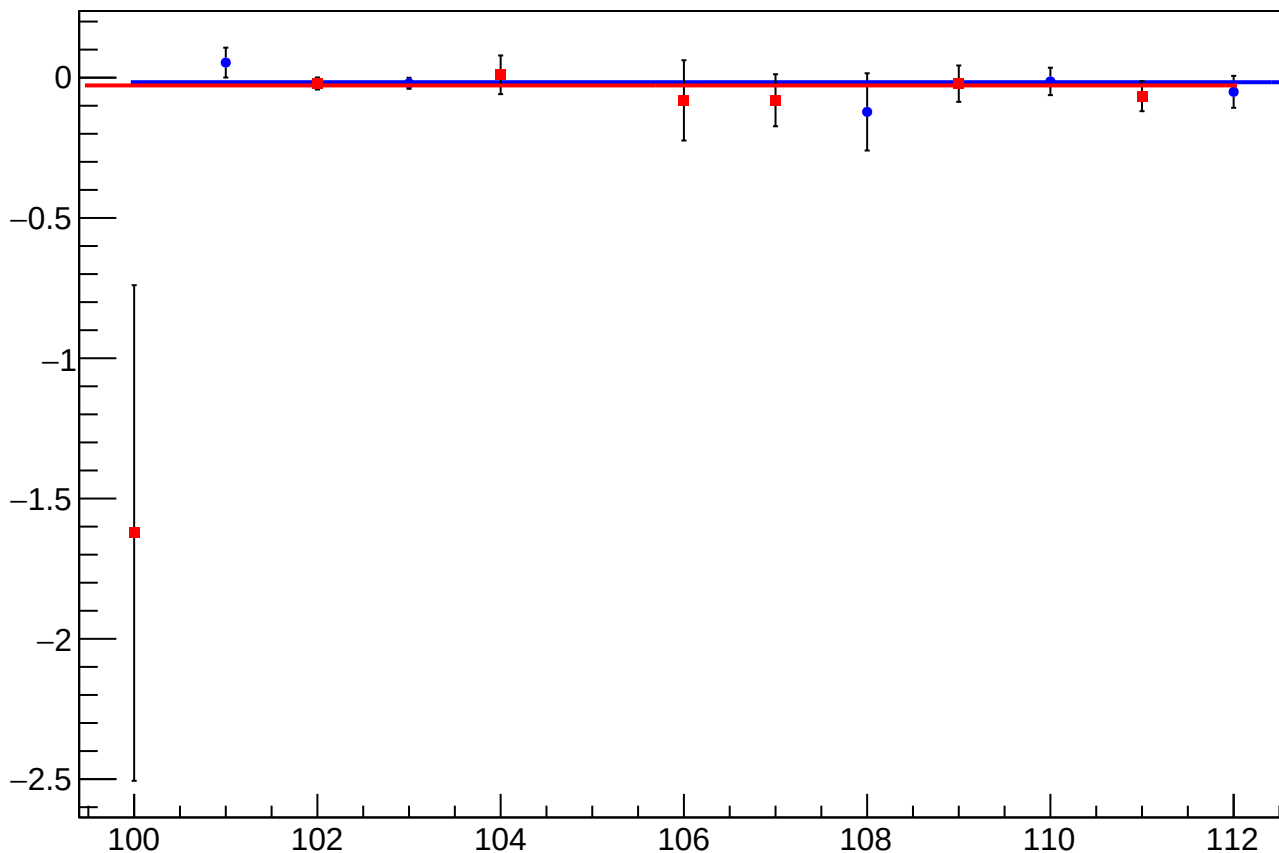
Right: 20.788+/-0.009 χ^2/NDF : 2403695.0/11

In: 19.363+/-0.012 χ^2/NDF : 1220606.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.788+/-0.009 χ^2/NDF : 2403695.0/11

asym_sam_37_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 $\pm$ 0.016 χ^2 /NDF: 2.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.028 $\pm$ 0.018 χ^2 /NDF: 4.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

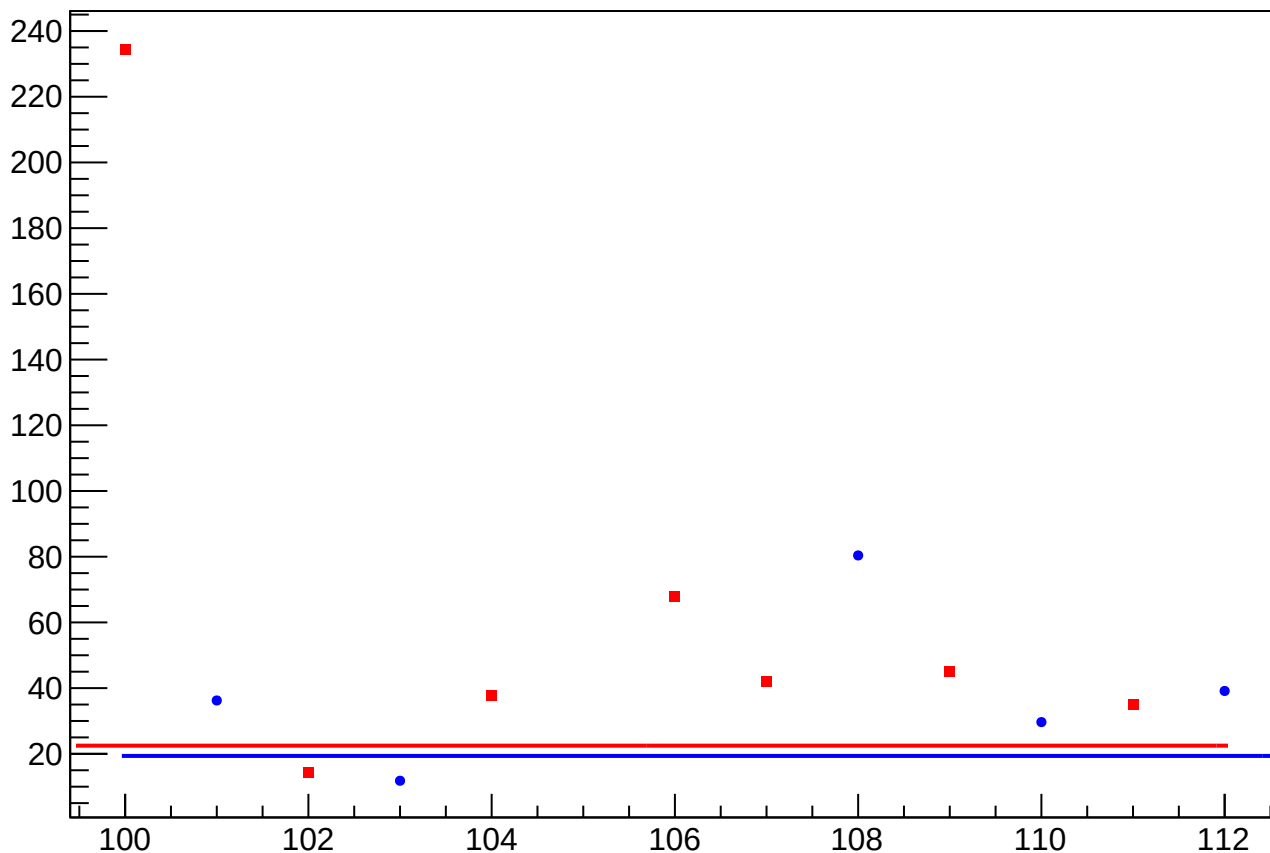
Right: -0.021 $\pm$ 0.012 χ^2 /NDF: 7.6/11

In: -0.016 $\pm$ 0.016 χ^2 /NDF:2.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.021 $\pm$ 0.012 χ^2 /NDF: 7.6/11

asym_sam_37_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.363+/-0.012 χ^2/NDF : 1220606.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.489+/-0.013 χ^2/NDF : 1149904.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

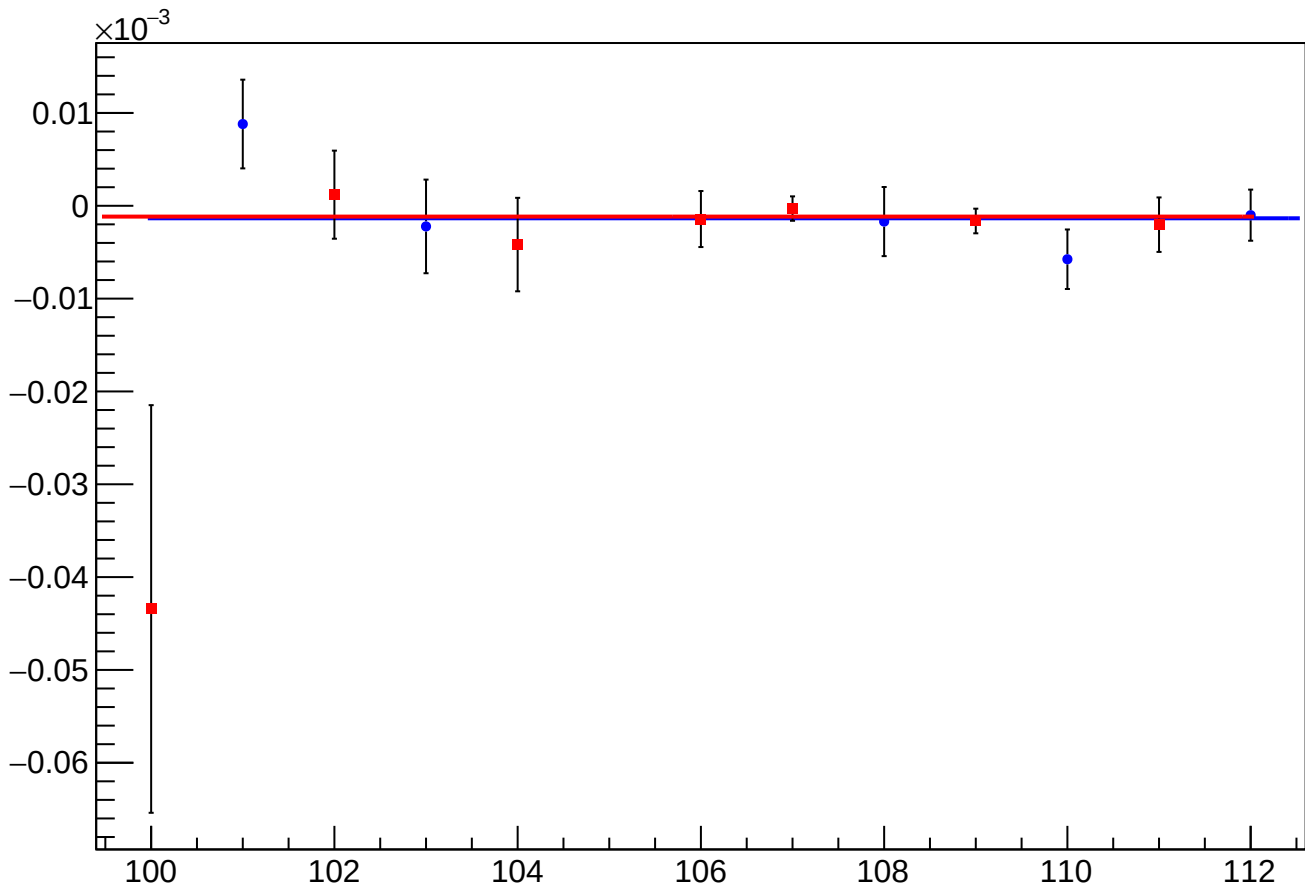
Right: 20.788+/-0.009 χ^2/NDF : 2403695.0/11

In: 19.363+/-0.012 χ^2/NDF : 1220606.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.788+/-0.009 χ^2/NDF : 2403695.0/11

asym_sam_37_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

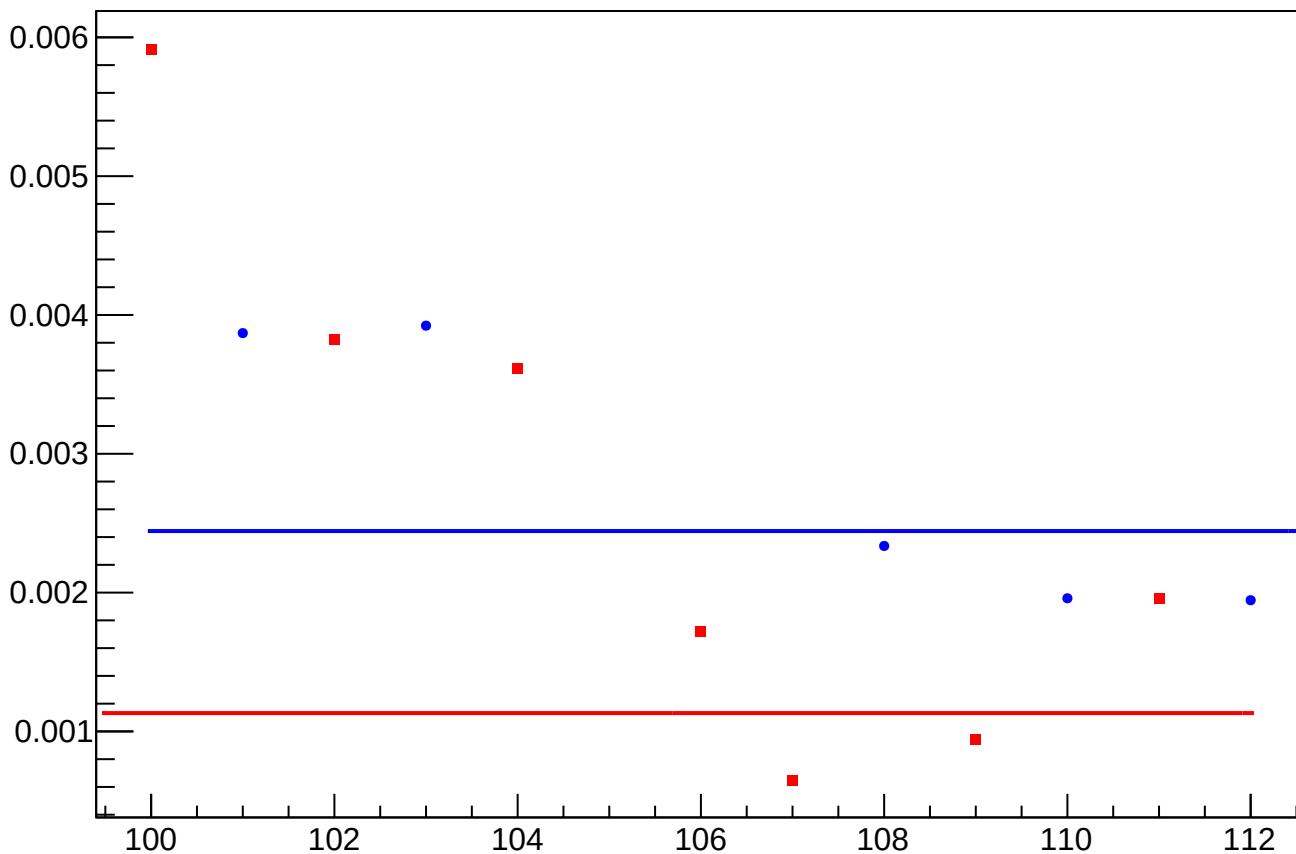
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.4/11

In: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.4/11

asym_sam_37_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 463042.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1773283.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

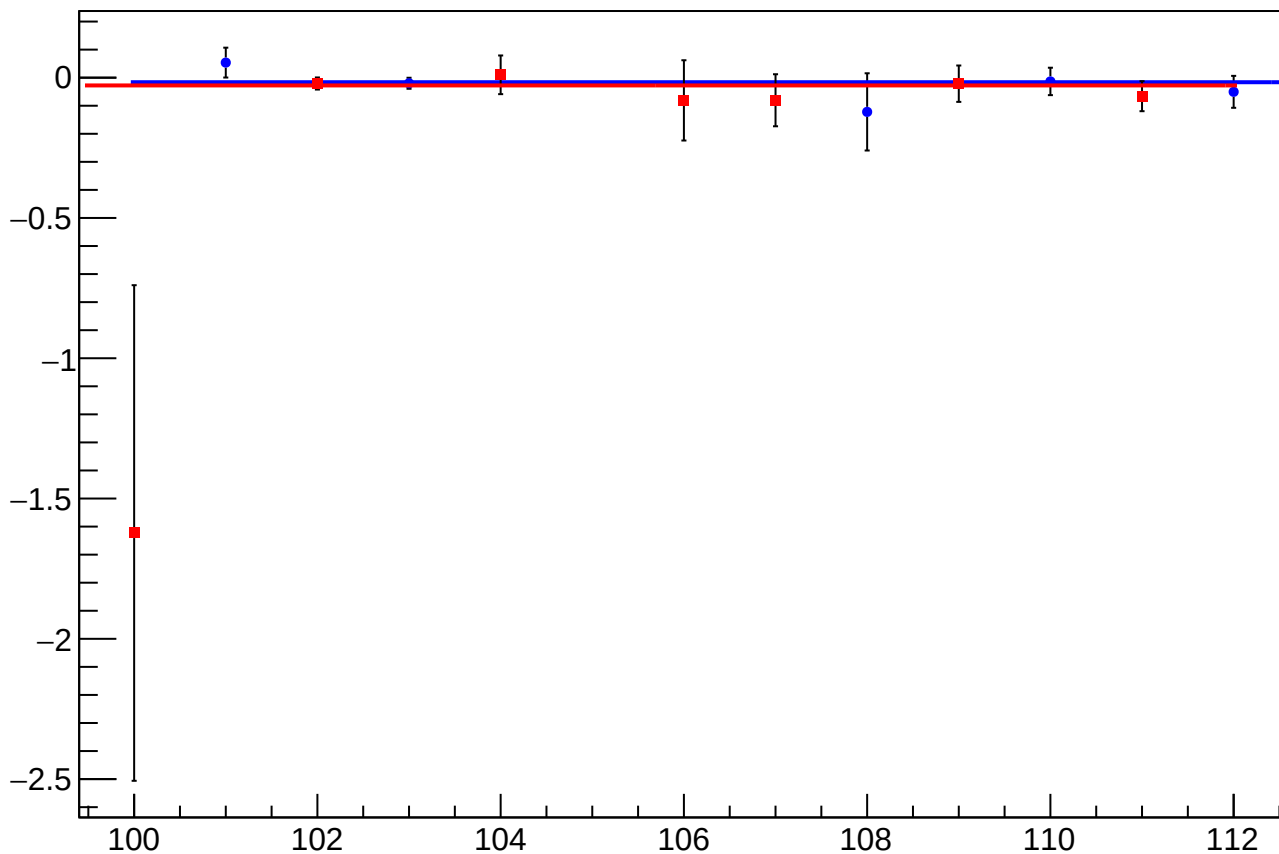
Right: 0.001+/-0.000 χ^2/NDF : 3282523.0/11

In: 0.002+/-0.000 χ^2/NDF : 463042.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3282523.0/11

asym_sam_37_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 $\pm$ 0.016 χ^2 /NDF: 2.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.028 $\pm$ 0.018 χ^2 /NDF: 4.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

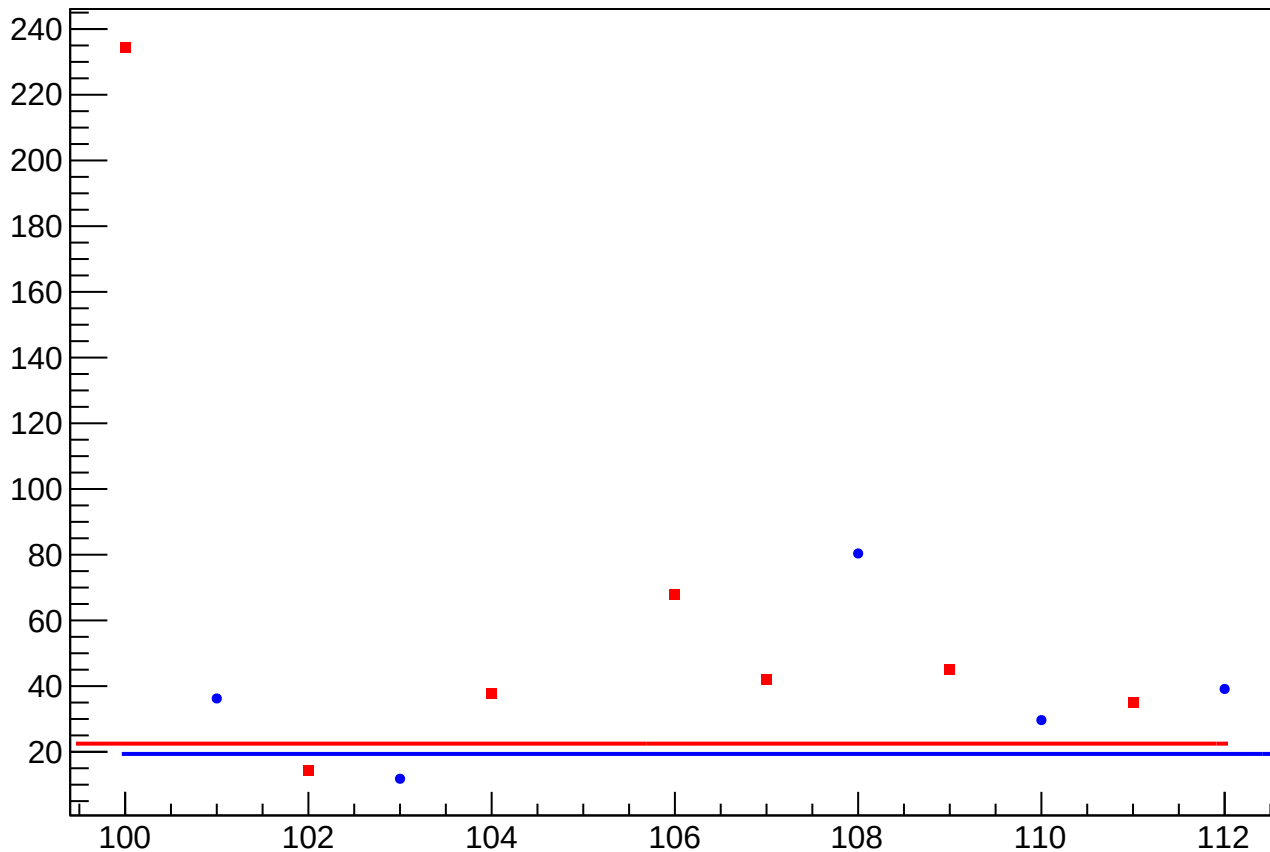
Right: -0.021 $\pm$ 0.012 χ^2 /NDF: 7.6/11

In: -0.016 $\pm$ 0.016 χ^2 /NDF:2.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.021 $\pm$ 0.012 χ^2 /NDF: 7.6/11

asym_sam_37_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.362+/-0.012 χ^2/NDF : 1220777.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.492+/-0.013 χ^2/NDF : 1149655.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

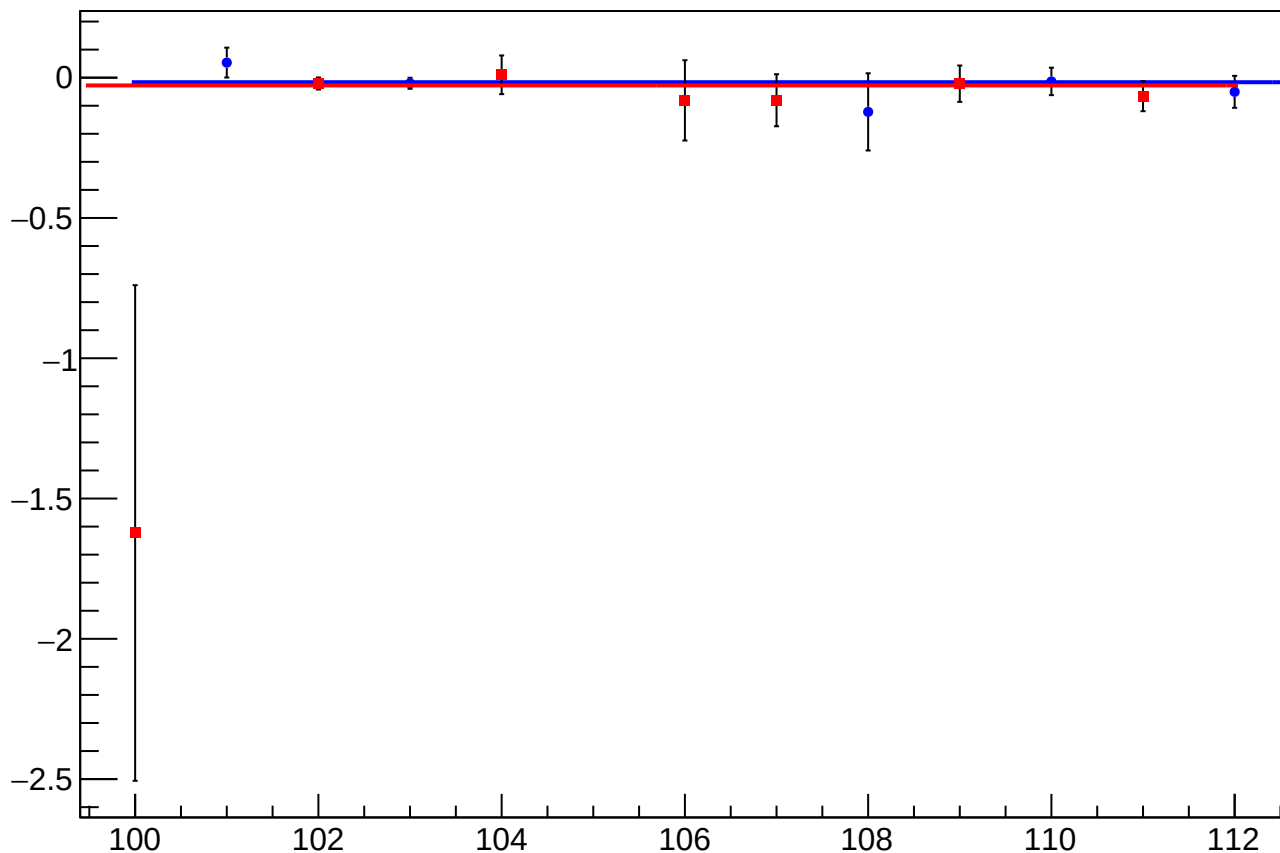
Right: 20.788+/-0.009 χ^2/NDF : 2403719.2/11

In: 19.362+/-0.012 χ^2/NDF : 1220777.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.788+/-0.009 χ^2/NDF : 2403719.2/11

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 $\pm$ 0.016 χ^2 /NDF: 2.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.028 $\pm$ 0.018 χ^2 /NDF: 4.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

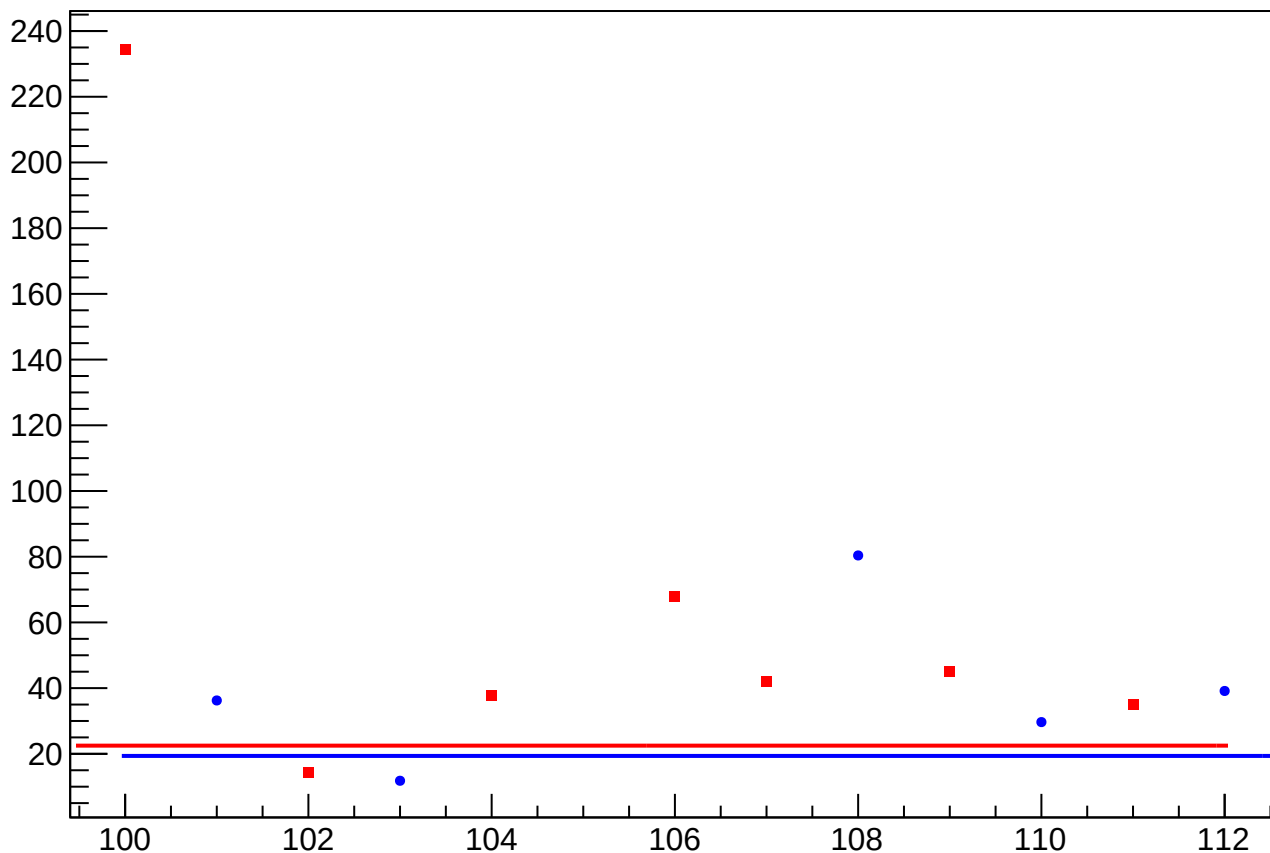
Right: -0.021 $\pm$ 0.012 χ^2 /NDF: 7.6/11

In: -0.016 $\pm$ 0.016 χ^2 /NDF:2.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.021 $\pm$ 0.012 χ^2 /NDF: 7.6/11

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.362+/-0.012 χ^2/NDF : 1220777.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.492+/-0.013 χ^2/NDF : 1149655.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

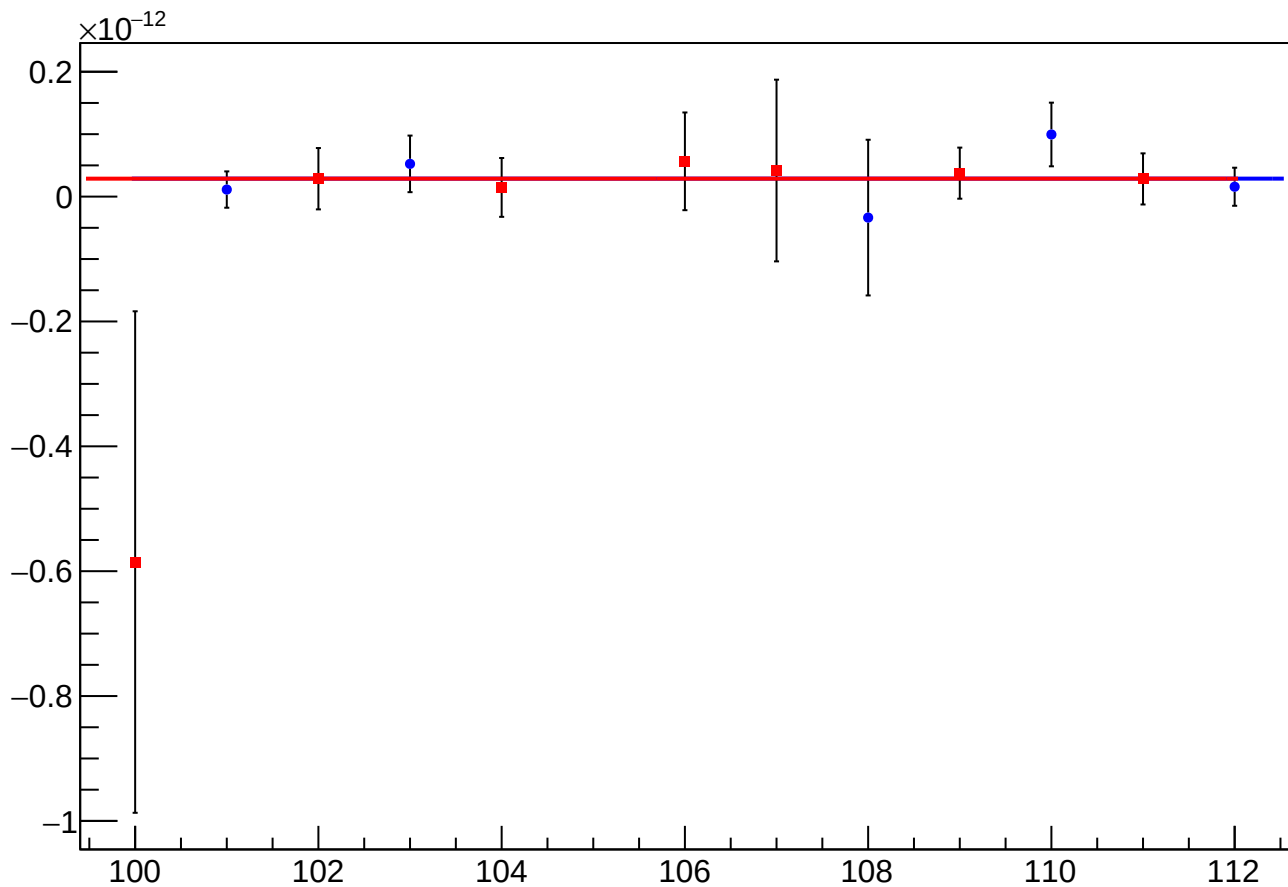
Right: 20.788+/-0.009 χ^2/NDF : 2403719.2/11

In: 19.362+/-0.012 χ^2/NDF : 1220777.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.788+/-0.009 χ^2/NDF : 2403719.2/11

asym_sam_37_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

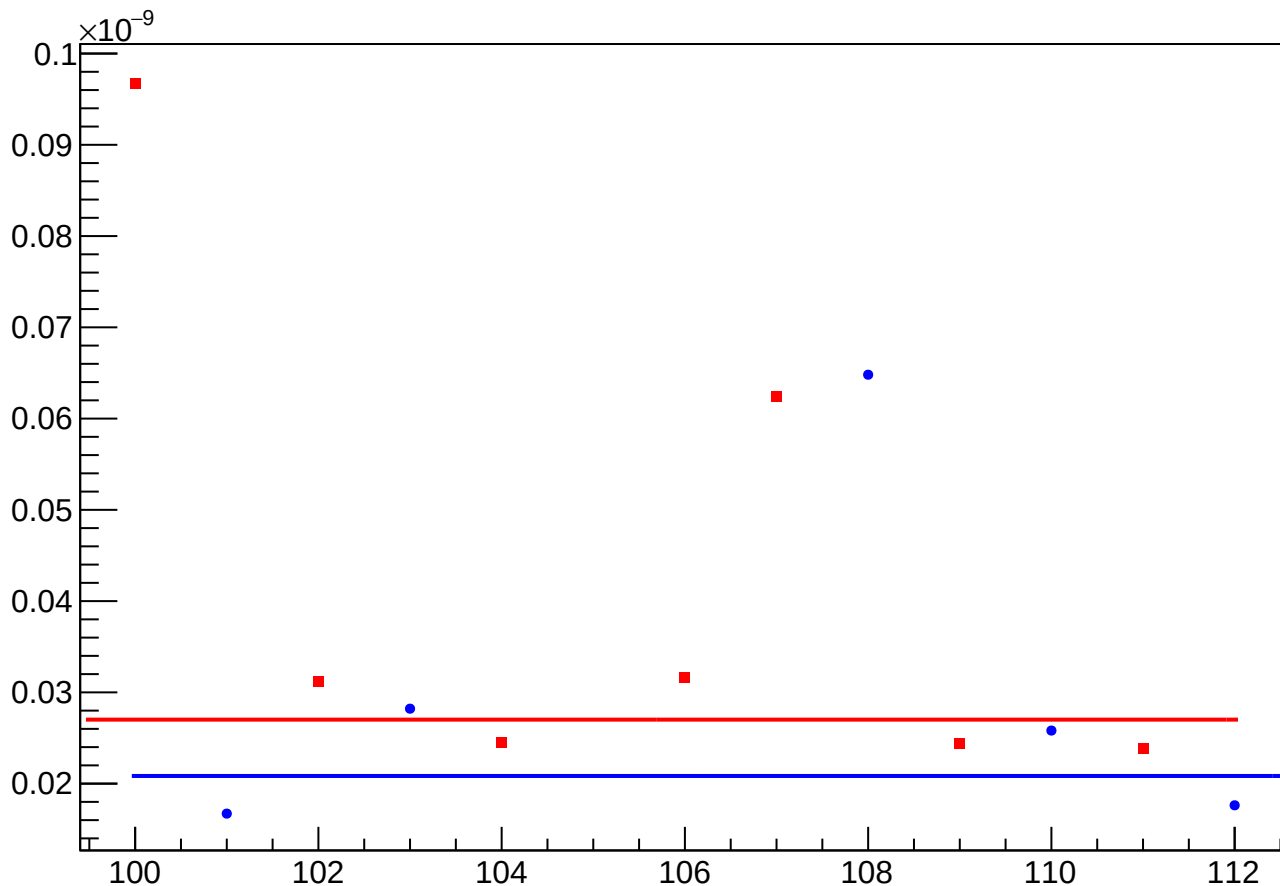
Right: 0.000+/-0.000 χ^2/NDF : 5.6/11

In: 0.000+/-0.000 χ^2/NDF : 3.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5.6/11

asym_sam_37_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 383099.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 226465.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

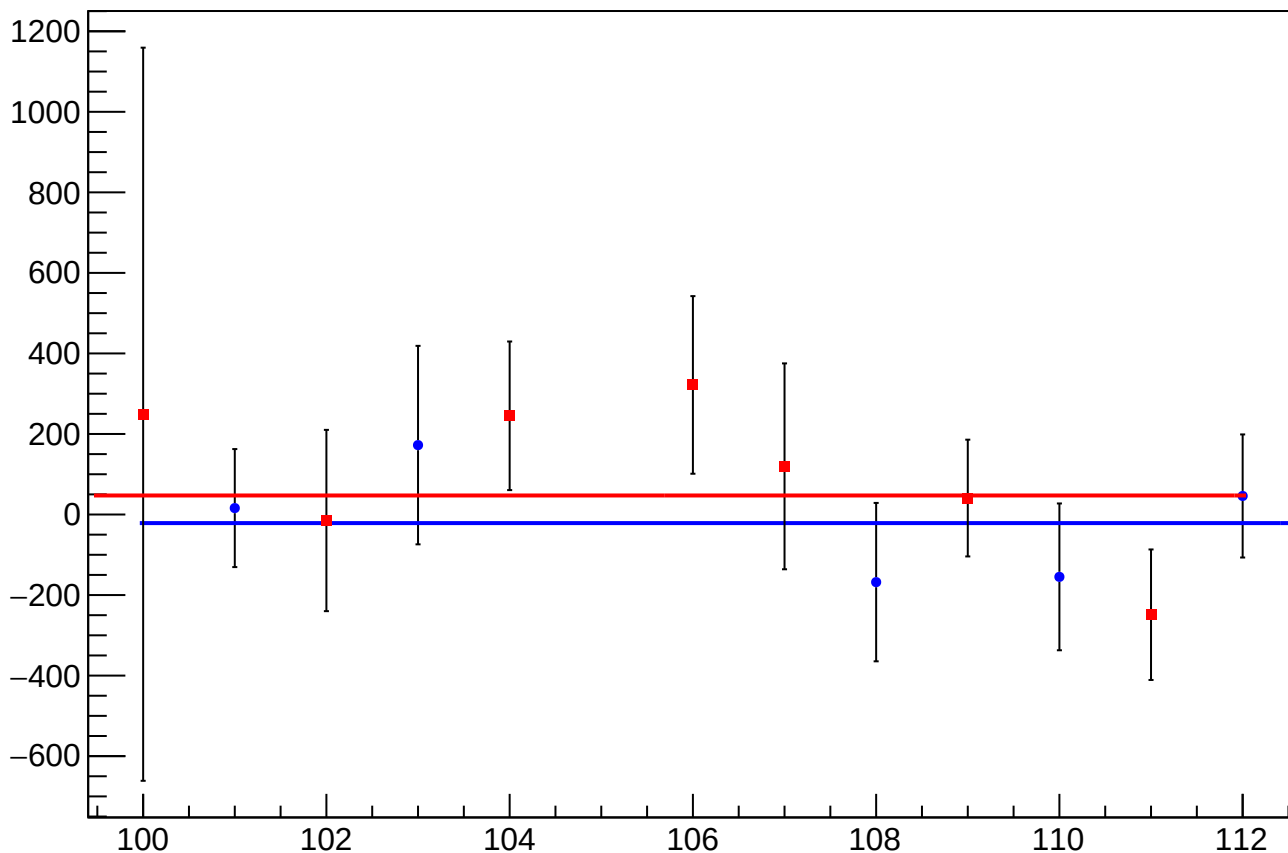
Right: 0.000+/-0.000 χ^2/NDF : 710797.8/11

In: 0.000+/-0.000 χ^2/NDF : 383099.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 710797.8/11

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -21.304+/-78.616 χ^2/NDF : 2.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.275+/-76.284 χ^2/NDF : 6.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

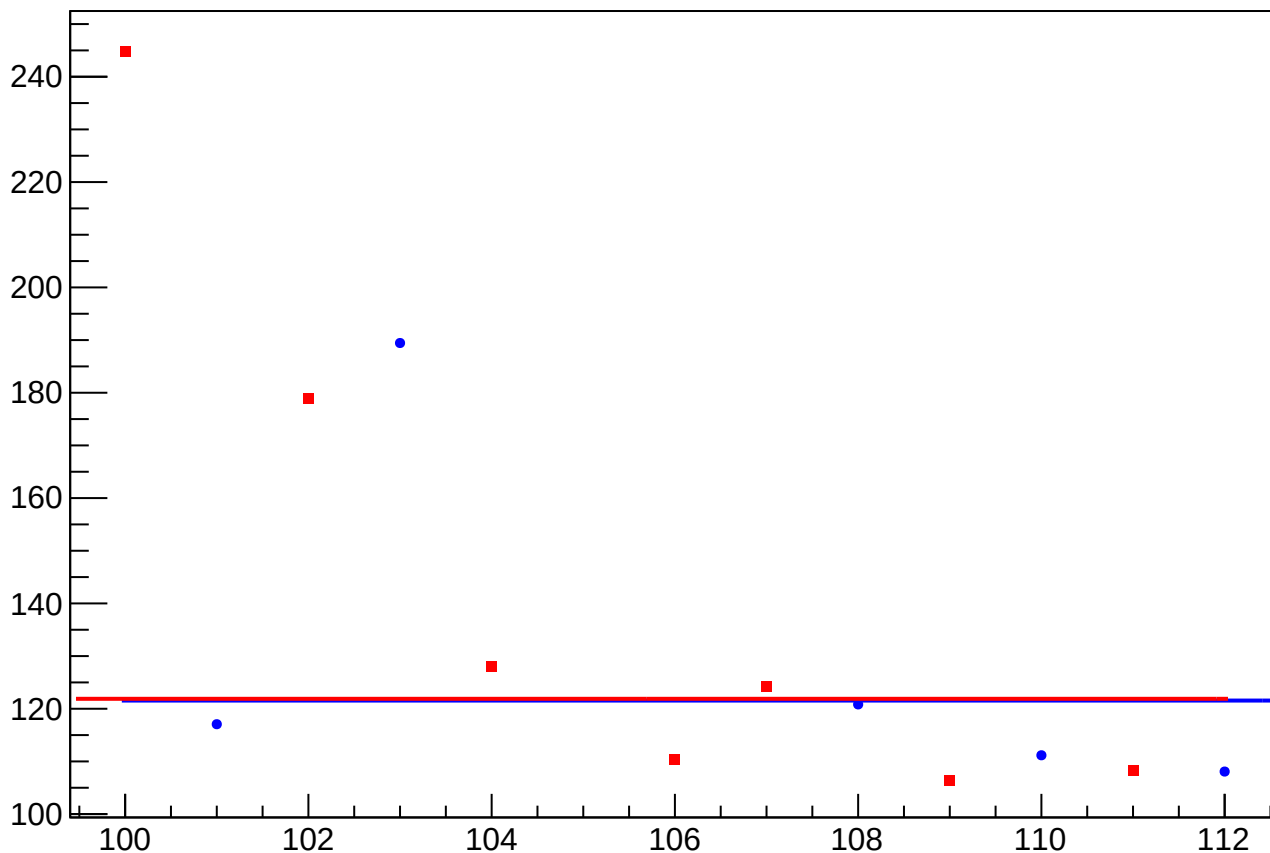
Right: 14.018+/-54.747 χ^2/NDF : 8.6/11

In: -21.304+/-78.616 χ^2/NDF : 2.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.018+/-54.747 χ^2/NDF : 8.6/11

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 121.556+/-0.056 χ^2/NDF : 175731.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.888+/-0.054 χ^2/NDF : 209697.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

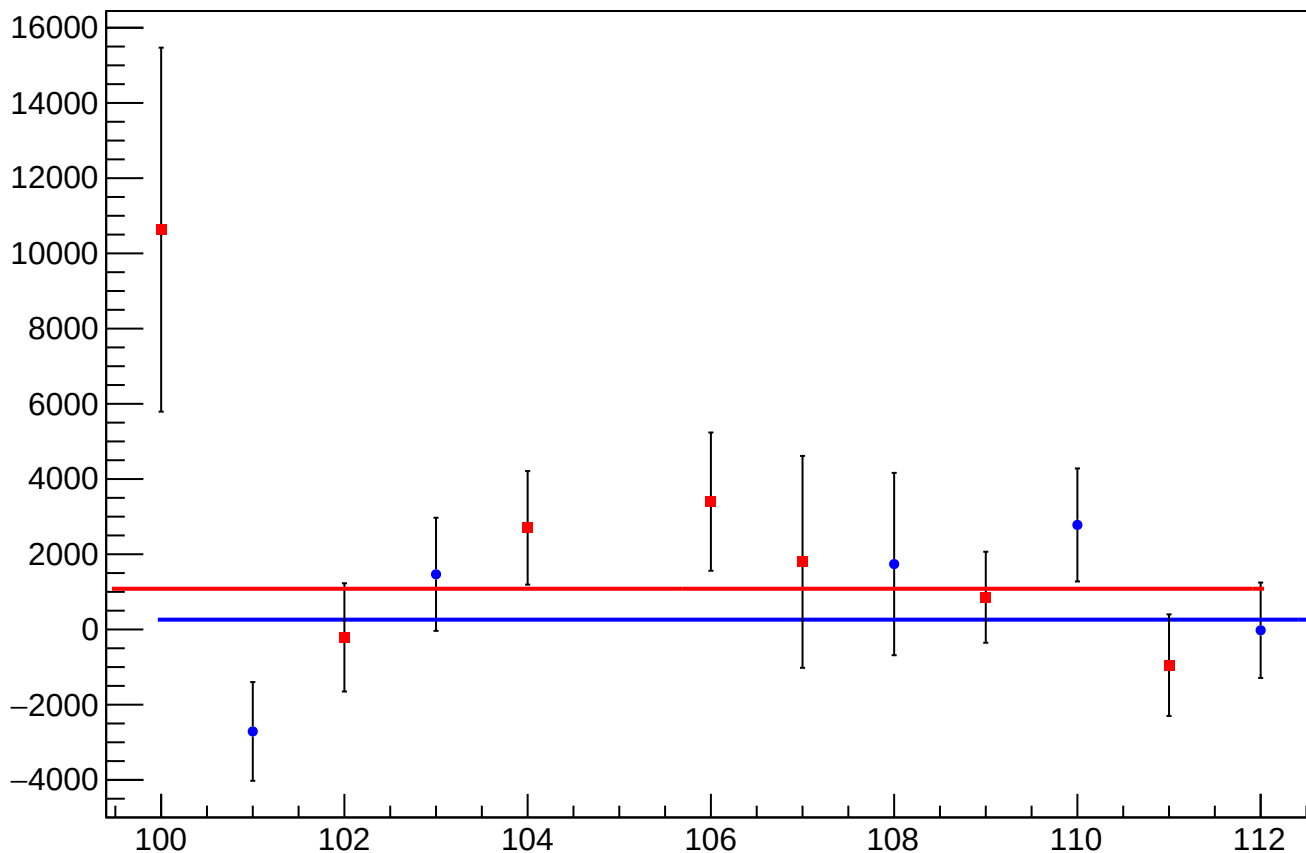
Right: 121.727+/-0.039 χ^2/NDF : 385447.2/11

In: 121.556+/-0.056 χ^2/NDF : 175731.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.727+/-0.039 χ^2/NDF : 385447.2/11

asym_sam_48_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 261.156+/-665.576 χ^2/NDF : 9.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1083.202+/-618.089 χ^2/NDF : 9.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

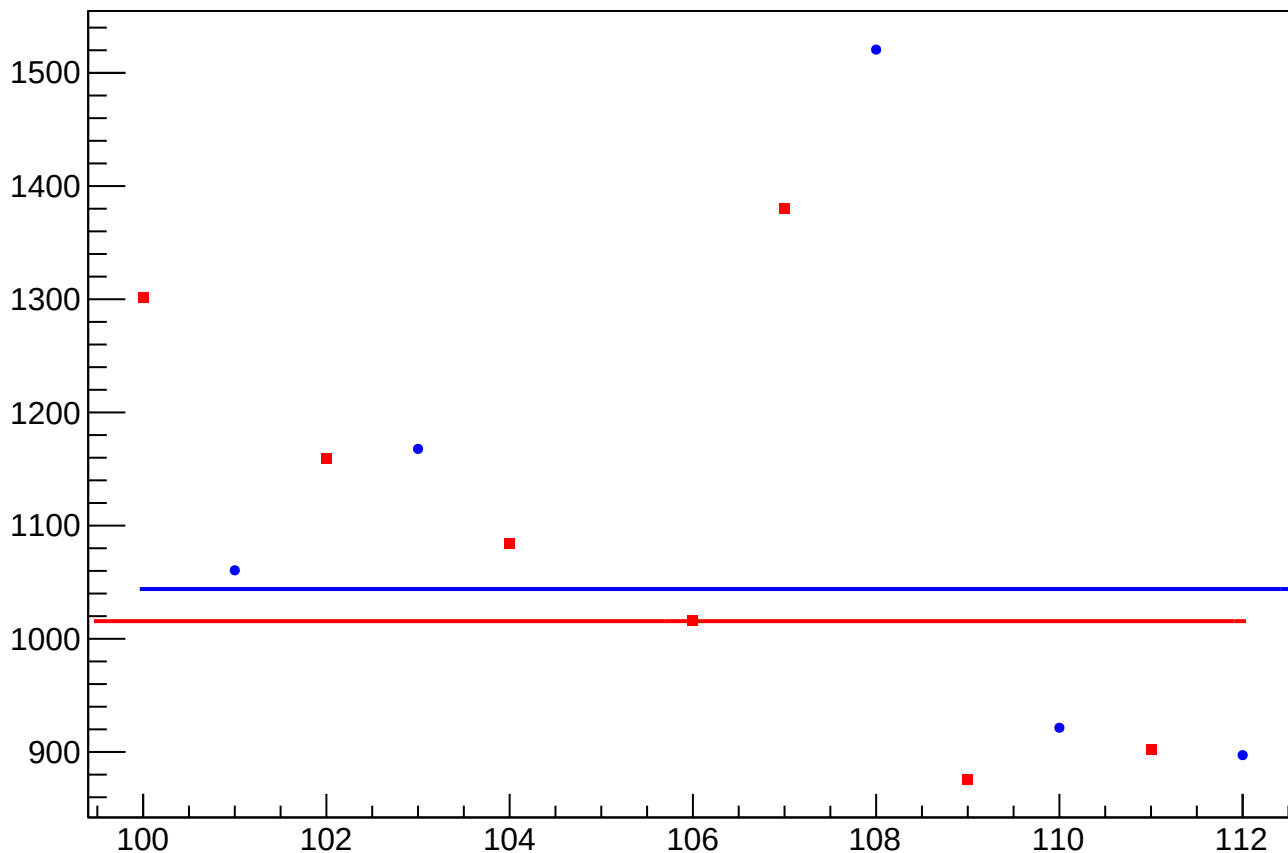
Right: 702.547+/-452.913 χ^2/NDF : 19.6/11

In: 261.156+/-665.576 χ^2/NDF : 9.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 702.547+/-452.913 χ^2/NDF : 19.6/11

asym_sam_48_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1043.976+/-0.471 χ^2/NDF : 131278.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1015.595+/-0.437 χ^2/NDF : 105579.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

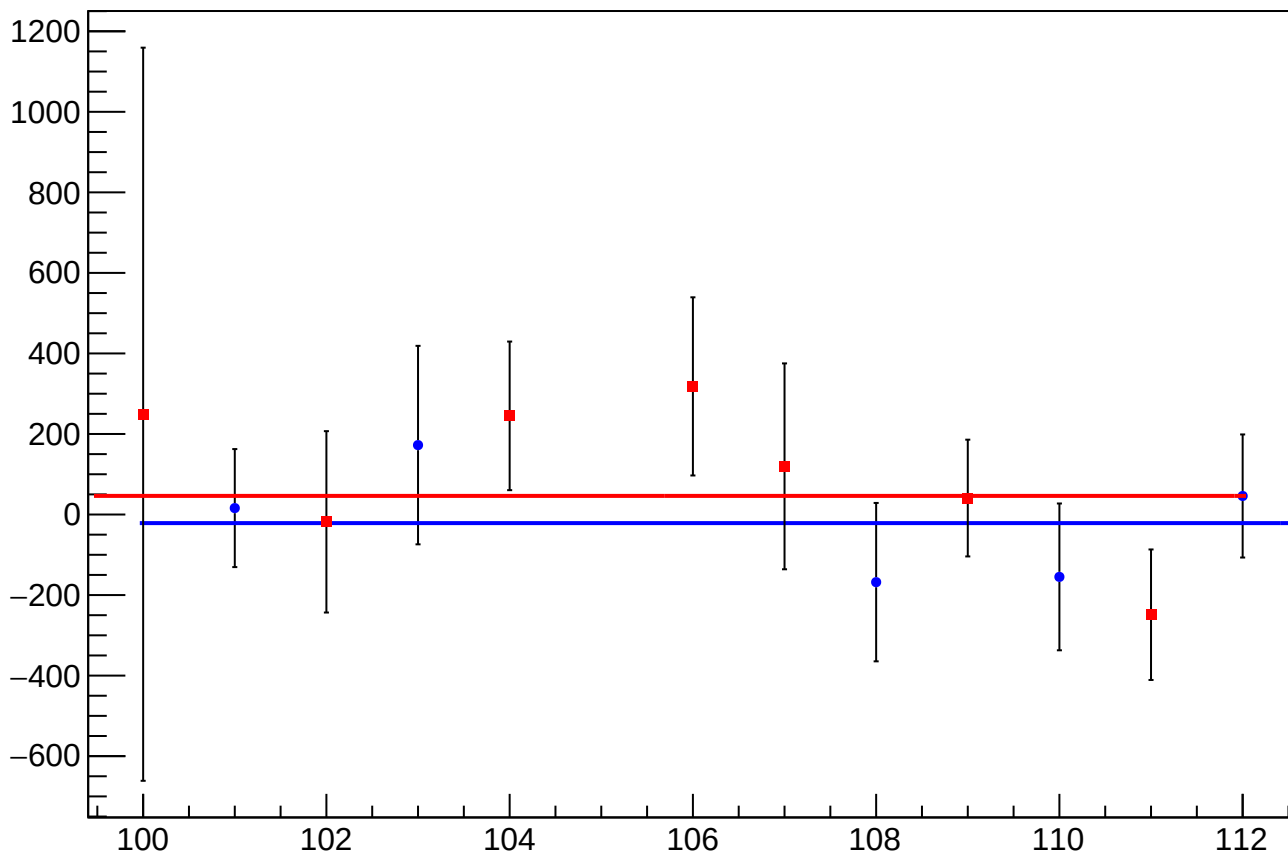
Right: 1028.737+/-0.320 χ^2/NDF : 238810.9/11

In: 1043.976+/-0.471 χ^2/NDF : 131278.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1028.737+/-0.320 χ^2/NDF : 238810.9/11

cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -21.321+/-78.616 χ^2/NDF : 2.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.256+/-76.316 χ^2/NDF : 6.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

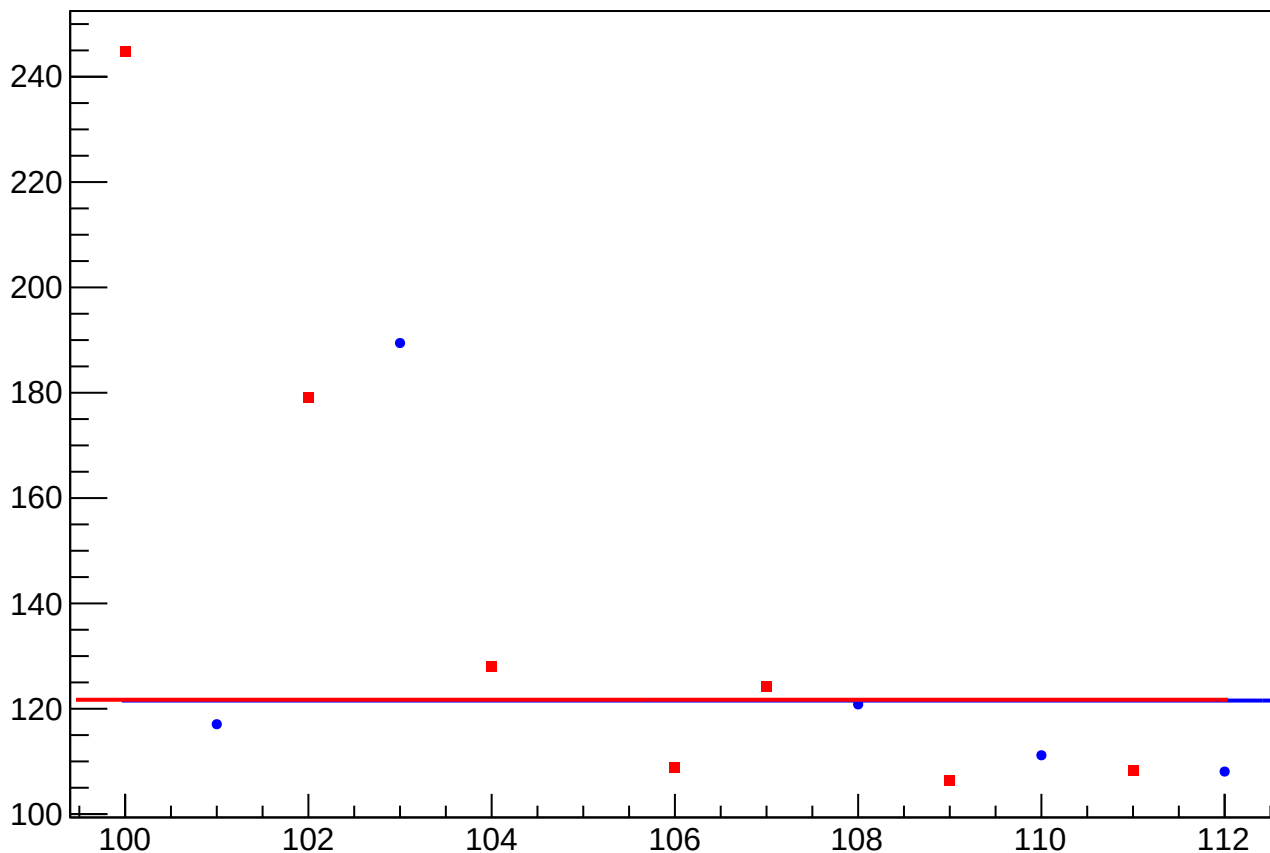
Right: 13.471+/-54.759 χ^2/NDF : 8.6/11

In: -21.321+/-78.616 χ^2/NDF : 2.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.471+/-54.759 χ^2/NDF : 8.6/11

cor_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 121.556+/-0.056 χ^2/NDF : 175734.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.709+/-0.054 χ^2/NDF : 211494.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

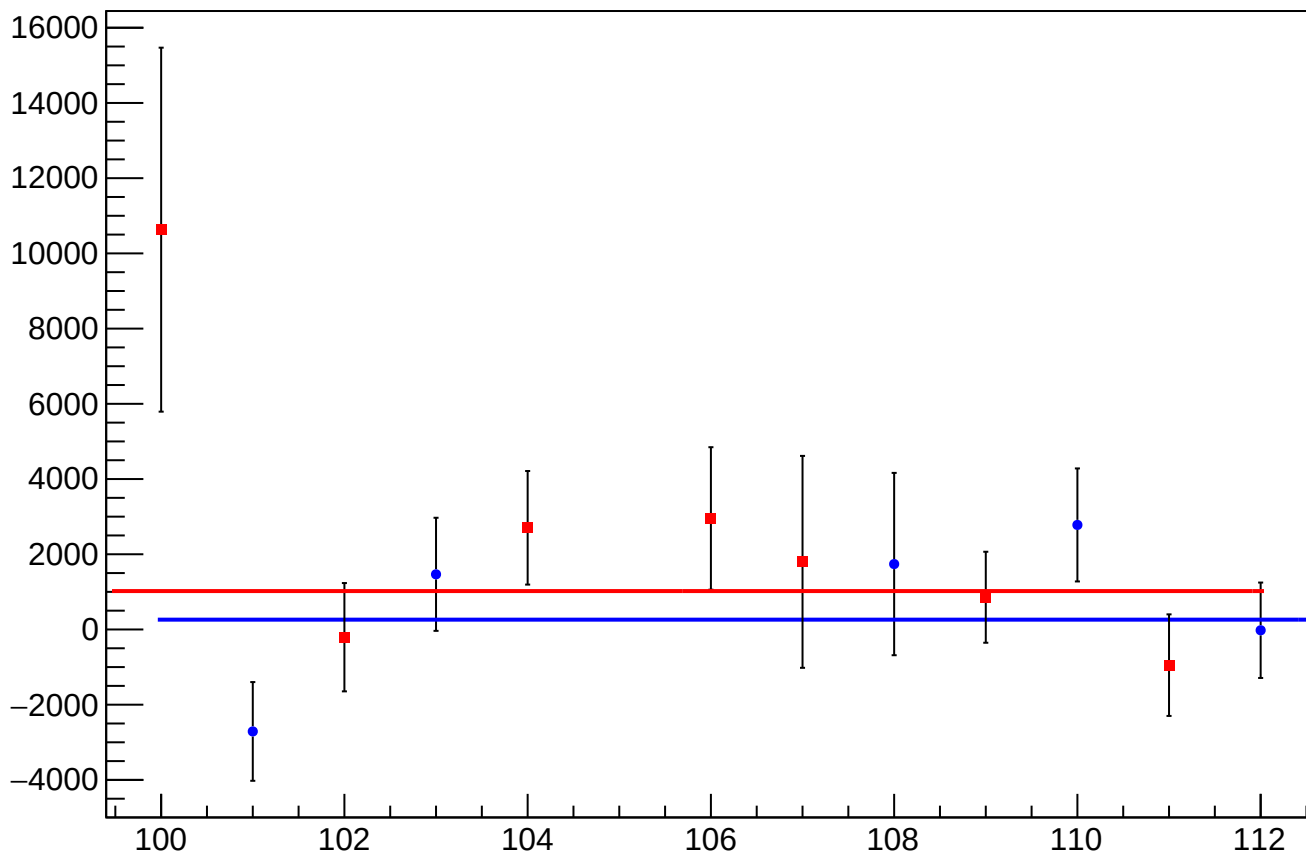
Right: 121.635+/-0.039 χ^2/NDF : 387233.0/11

In: 121.556+/-0.056 χ^2/NDF : 175734.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.635+/-0.039 χ^2/NDF : 387233.0/11

asym_sam_48_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 261.043+/-665.587 χ^2/NDF : 9.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1021.251+/-620.216 χ^2/NDF : 9.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

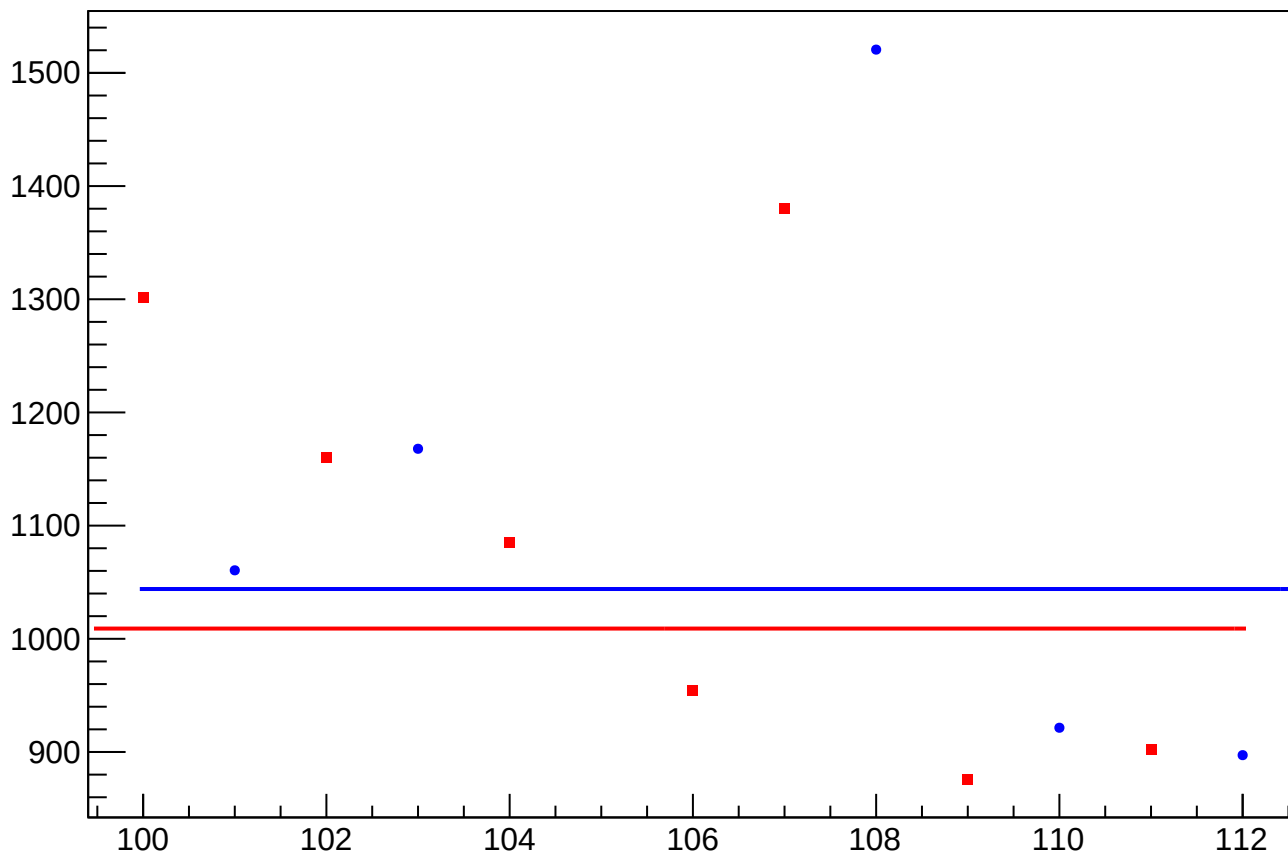
Right: 667.939+/-453.752 χ^2/NDF : 18.9/11

In: 261.043+/-665.587 χ^2/NDF : 9.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 667.939+/-453.752 χ^2/NDF : 18.9/11

asym_sam_48_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1043.992+/-0.471 χ^2 /NDF: 131298.7/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1009.046+/-0.439 χ^2 /NDF: 107614.7/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

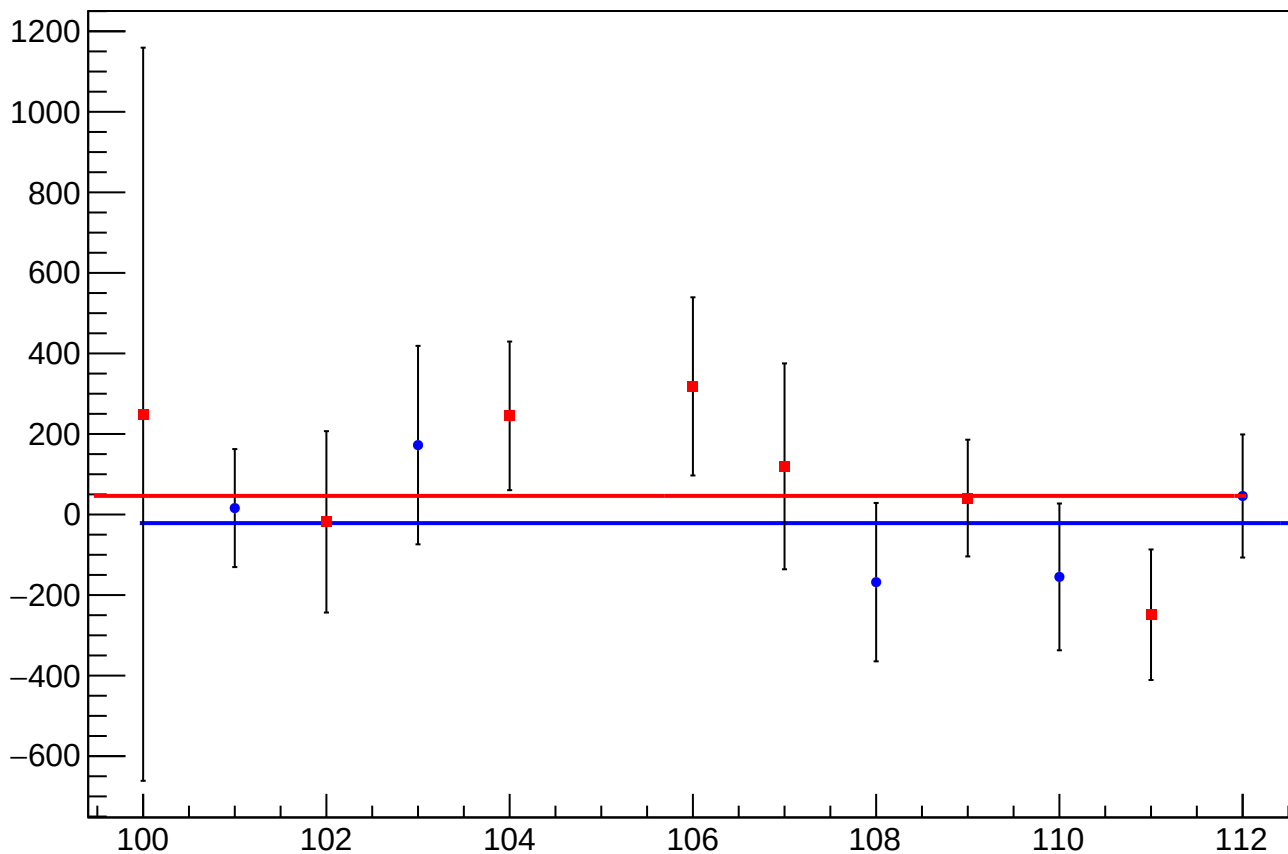
Right: 1025.288+/-0.321 χ^2 /NDF: 241864.4/11

In: 1043.992+/-0.471 χ^2 /NDF:131298.7/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1025.288+/-0.321 χ^2 /NDF: 241864.4/11

eigen_cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -21.321+/-78.616 χ^2/NDF : 2.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.256+/-76.316 χ^2/NDF : 6.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

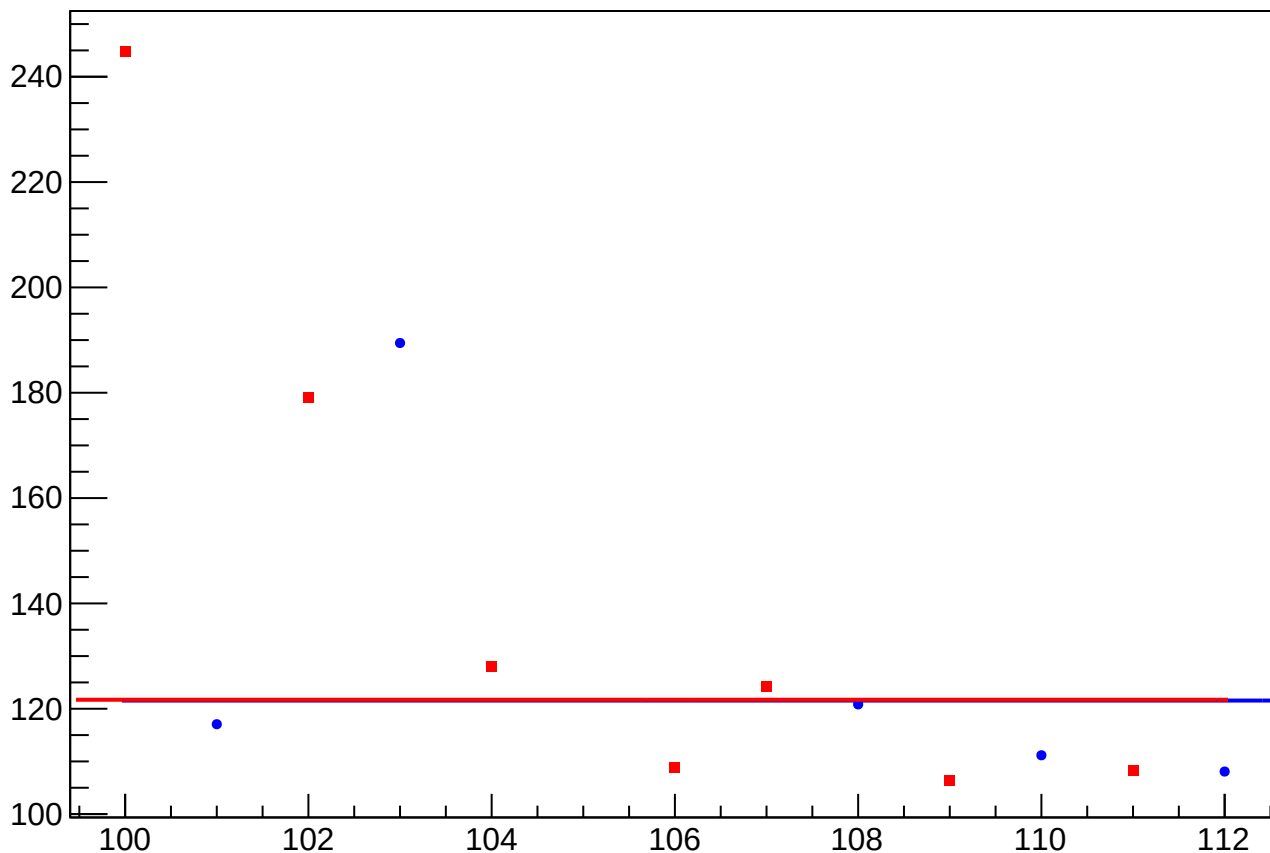
Right: 13.471+/-54.759 χ^2/NDF : 8.6/11

In: -21.321+/-78.616 χ^2/NDF : 2.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.471+/-54.759 χ^2/NDF : 8.6/11

eigen_cor_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 121.556+/-0.056 χ^2/NDF : 175734.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.709+/-0.054 χ^2/NDF : 211494.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

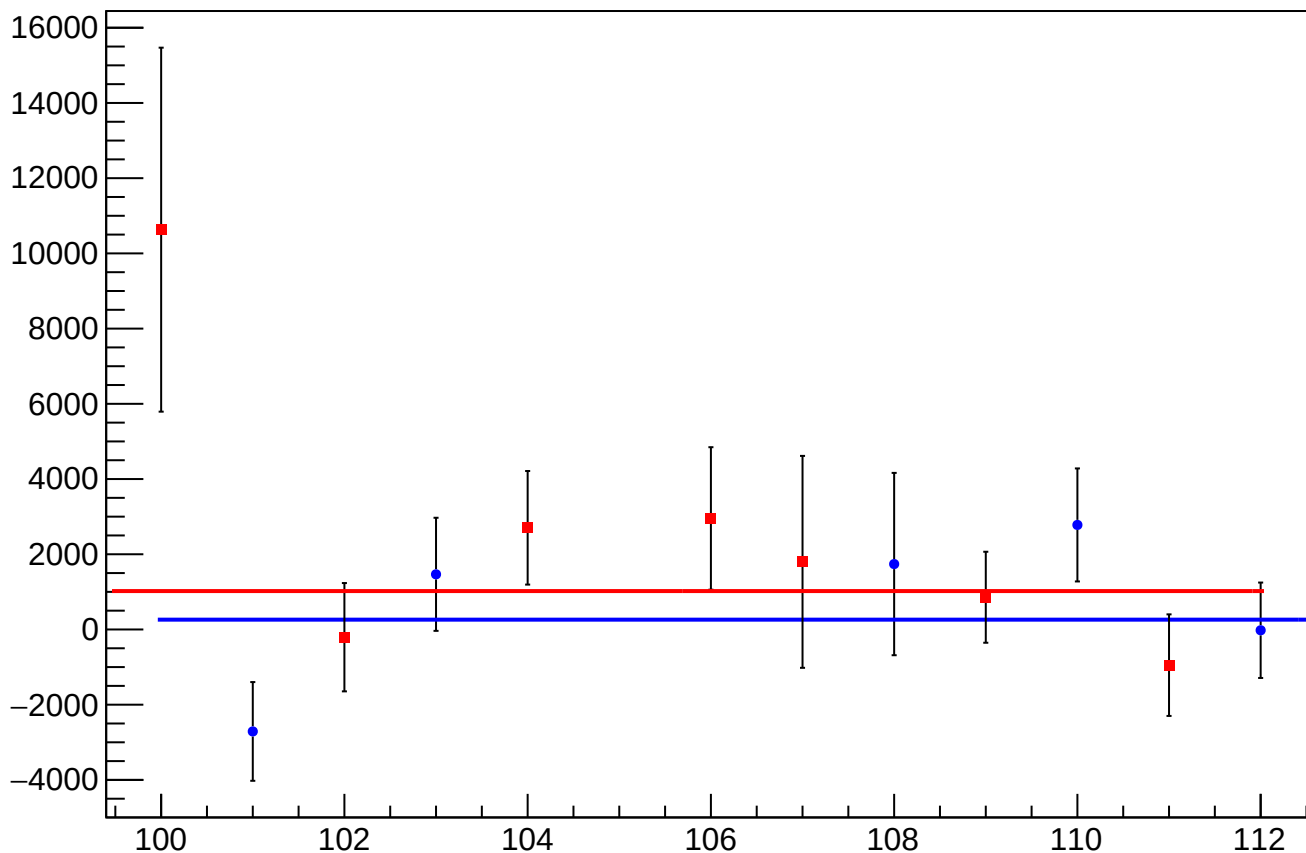
Right: 121.635+/-0.039 χ^2/NDF : 387233.0/11

In: 121.556+/-0.056 χ^2/NDF : 175734.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.635+/-0.039 χ^2/NDF : 387233.0/11

asym_sam_48_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 261.043+/-665.587 χ^2/NDF : 9.0/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1021.251+/-620.216 χ^2/NDF : 9.2/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

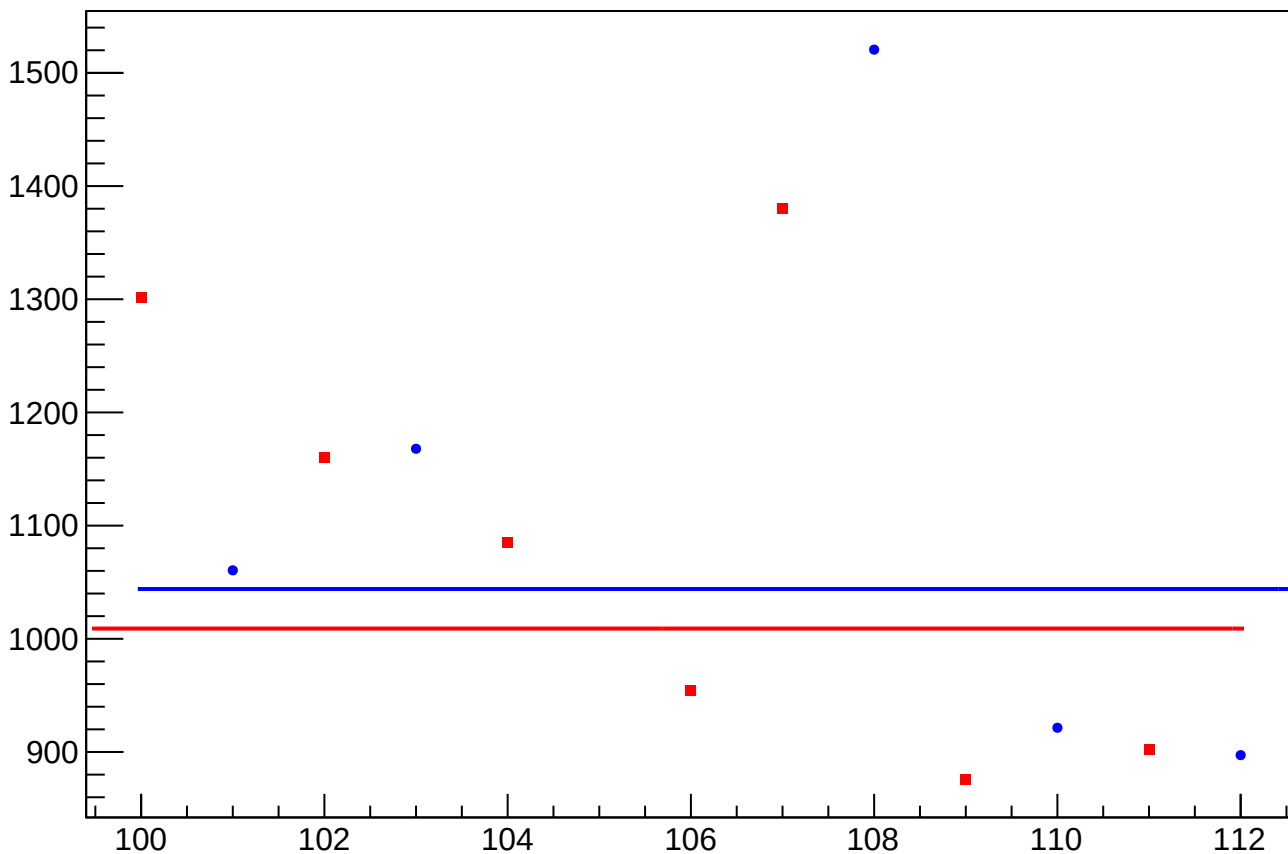
Right: 667.939+/-453.752 χ^2/NDF : 18.9/11

In: 261.043+/-665.587 χ^2/NDF :9.0/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 667.939+/-453.752 χ^2/NDF : 18.9/11

asym_sam_48_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1043.992+/-0.471 χ^2/NDF : 131298.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1009.046+/-0.439 χ^2/NDF : 107614.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

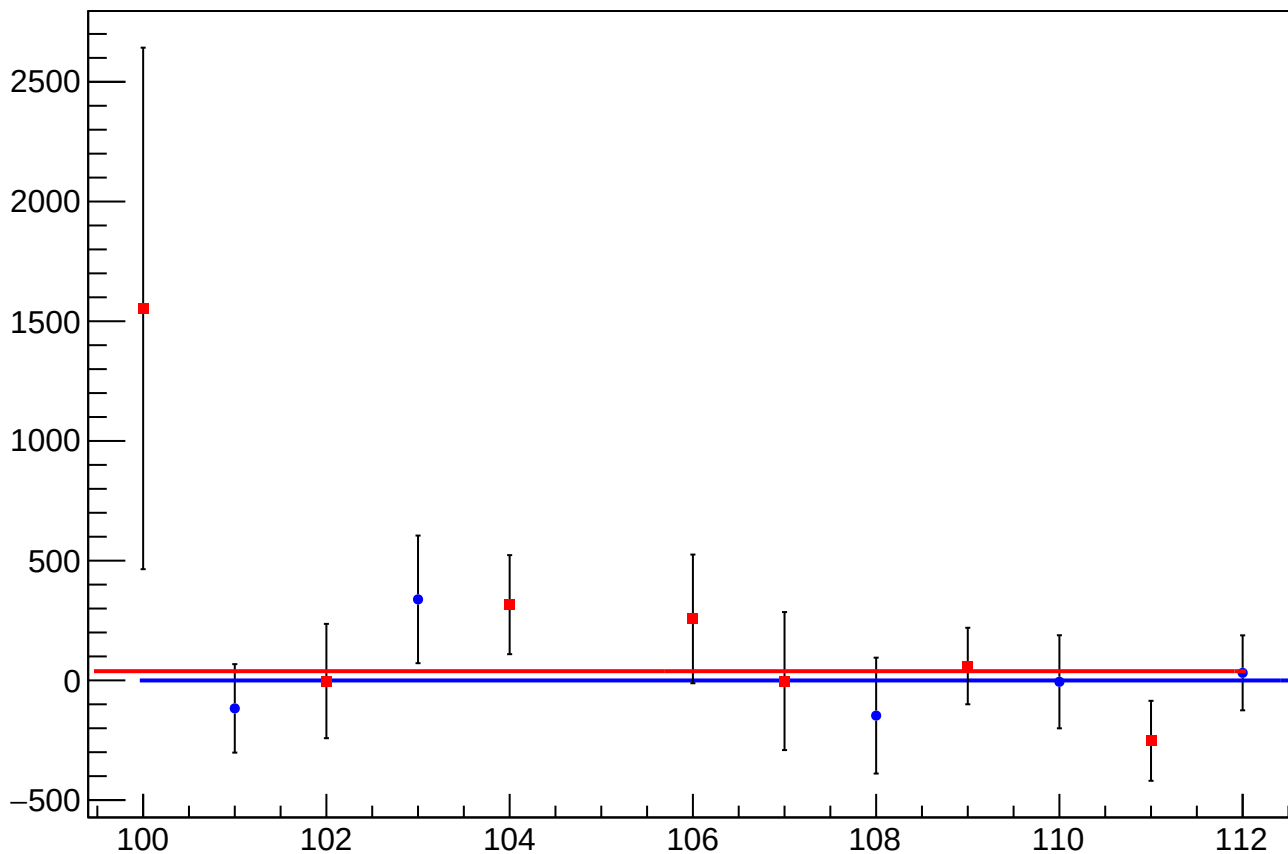
Right: 1025.288+/-0.321 χ^2/NDF : 241864.4/11

In: 1043.992+/-0.471 χ^2/NDF : 131298.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1025.288+/-0.321 χ^2/NDF : 241864.4/11

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -0.375 ± 88.492 $\chi^2/\text{NDF}: 2.4/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 38.336 ± 83.722 $\chi^2/\text{NDF}: 7.5/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

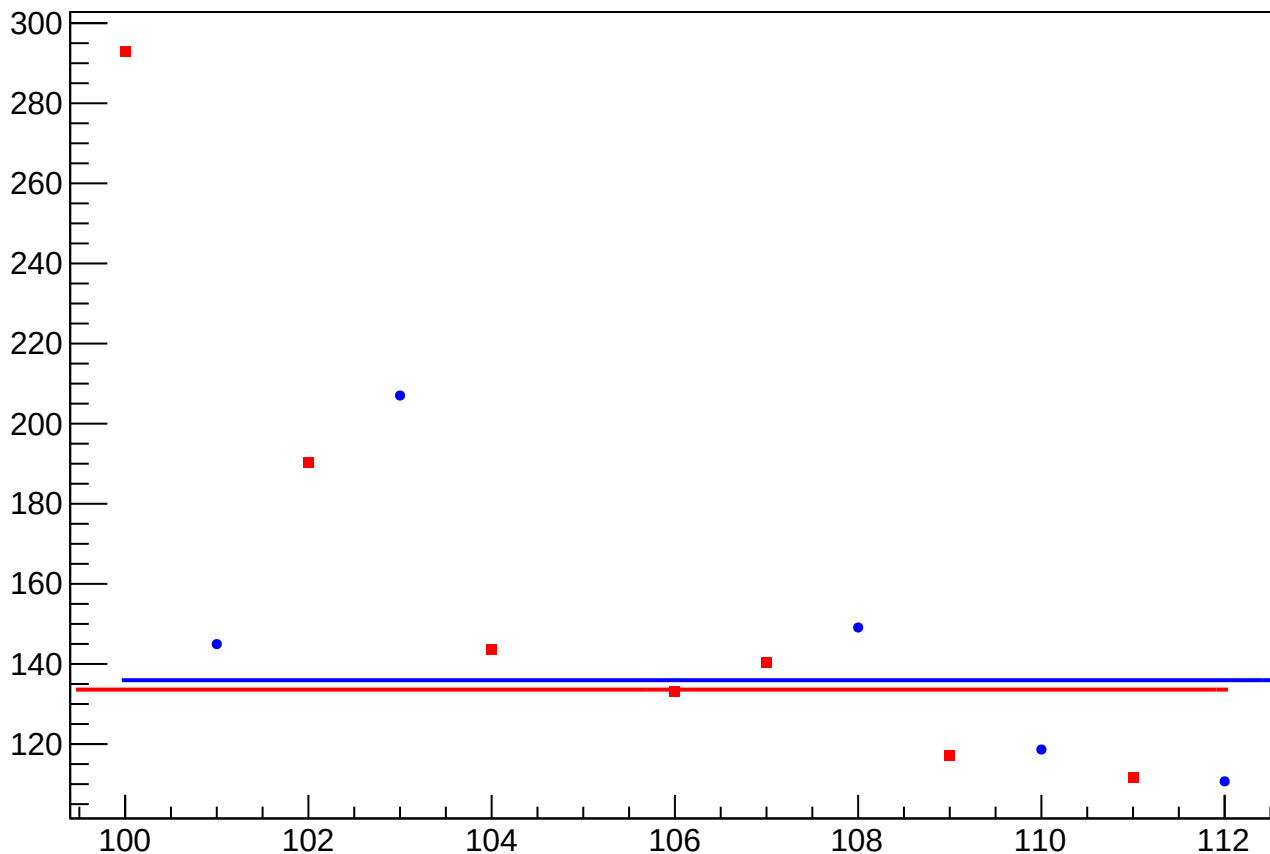
Right: 20.052 ± 60.817 $\chi^2/\text{NDF}: 10.0/11$

In: -0.375 ± 88.492 $\chi^2/\text{NDF}: 2.4/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 20.052 ± 60.817 $\chi^2/\text{NDF}: 10.0/11$

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 135.949 $\pm$ 0.063 χ^2 /NDF: 220799.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 133.596 $\pm$ 0.059 χ^2 /NDF: 217386.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

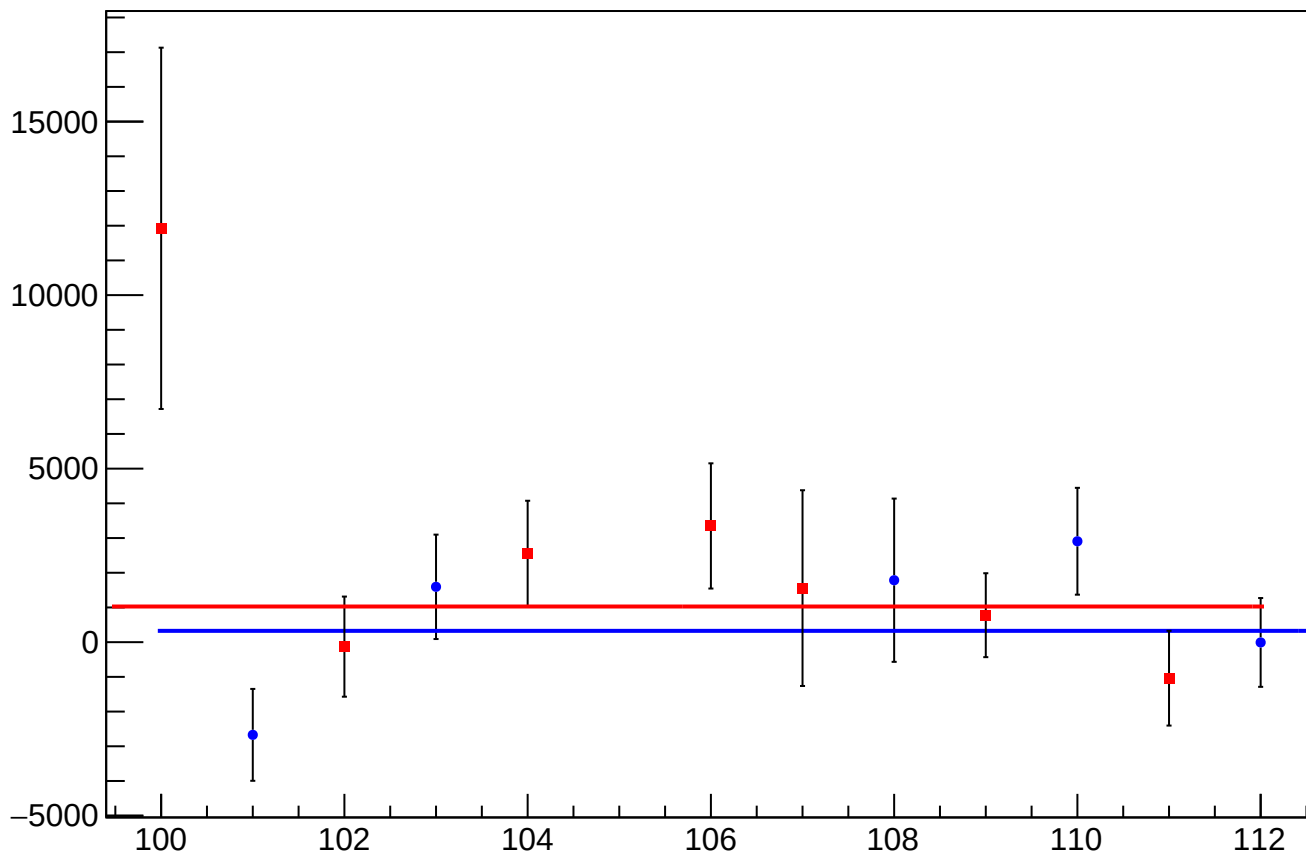
Right: 134.707 $\pm$ 0.043 χ^2 /NDF: 438931.4/11

In: 135.949 $\pm$ 0.063 χ^2 /NDF:220799.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 134.707 $\pm$ 0.043 χ^2 /NDF: 438931.4/11

asym_sam_48_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 325.910 $\pm$ 670.173 χ^2 /NDF: 9.1/4

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 1027.504 $\pm$ -620.148 χ^2 /NDF: 10.0/6

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

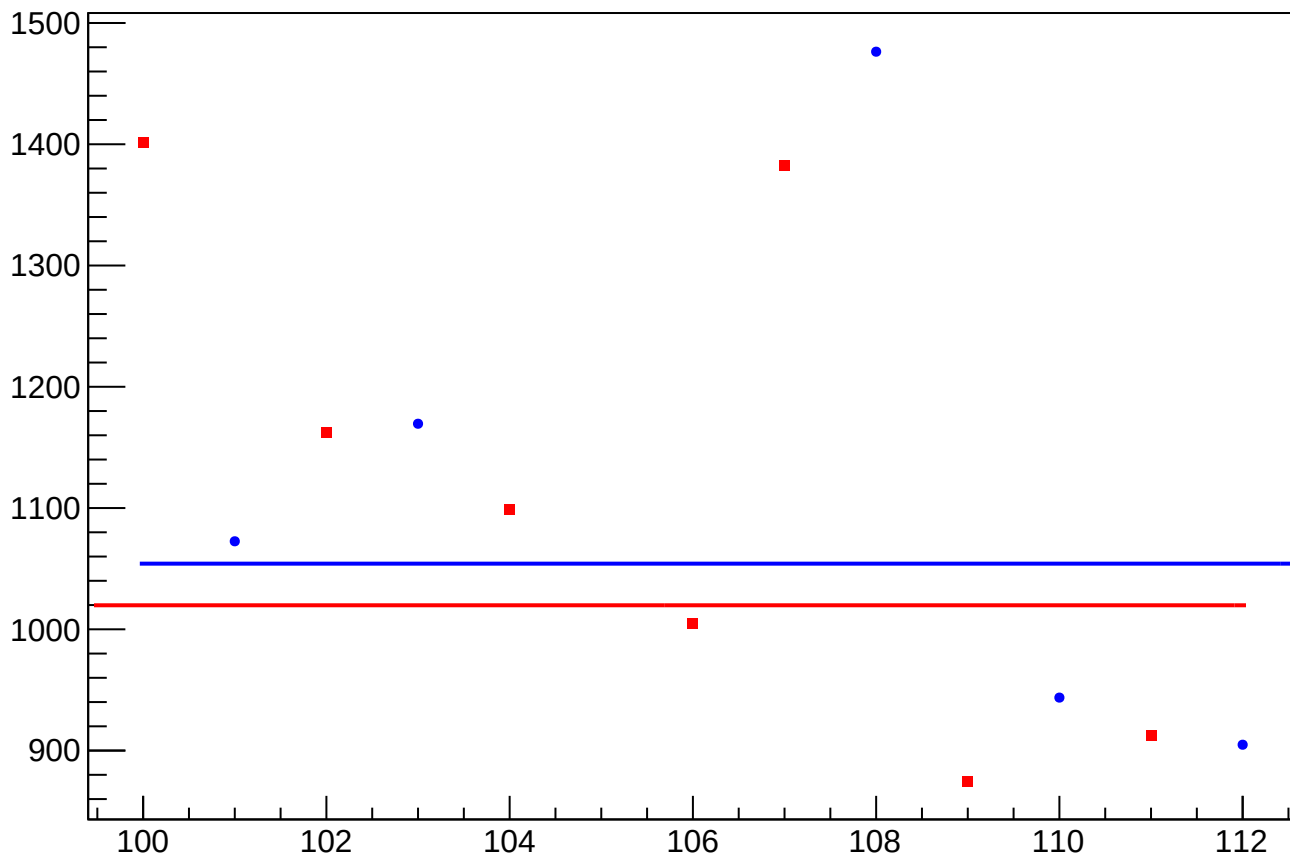
Right: 703.867 $\pm$ -455.170 χ^2 /NDF: 19.7/11

In: 325.910 $\pm$ -670.173 χ^2 /NDF:9.1/4

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 703.867 $\pm$ -455.170 χ^2 /NDF: 19.7/11

asym_sam_48_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1054.142 $\pm$ 0.474 χ^2 /NDF: 114138.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1019.814 $\pm$ 0.439 χ^2 /NDF: 110123.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

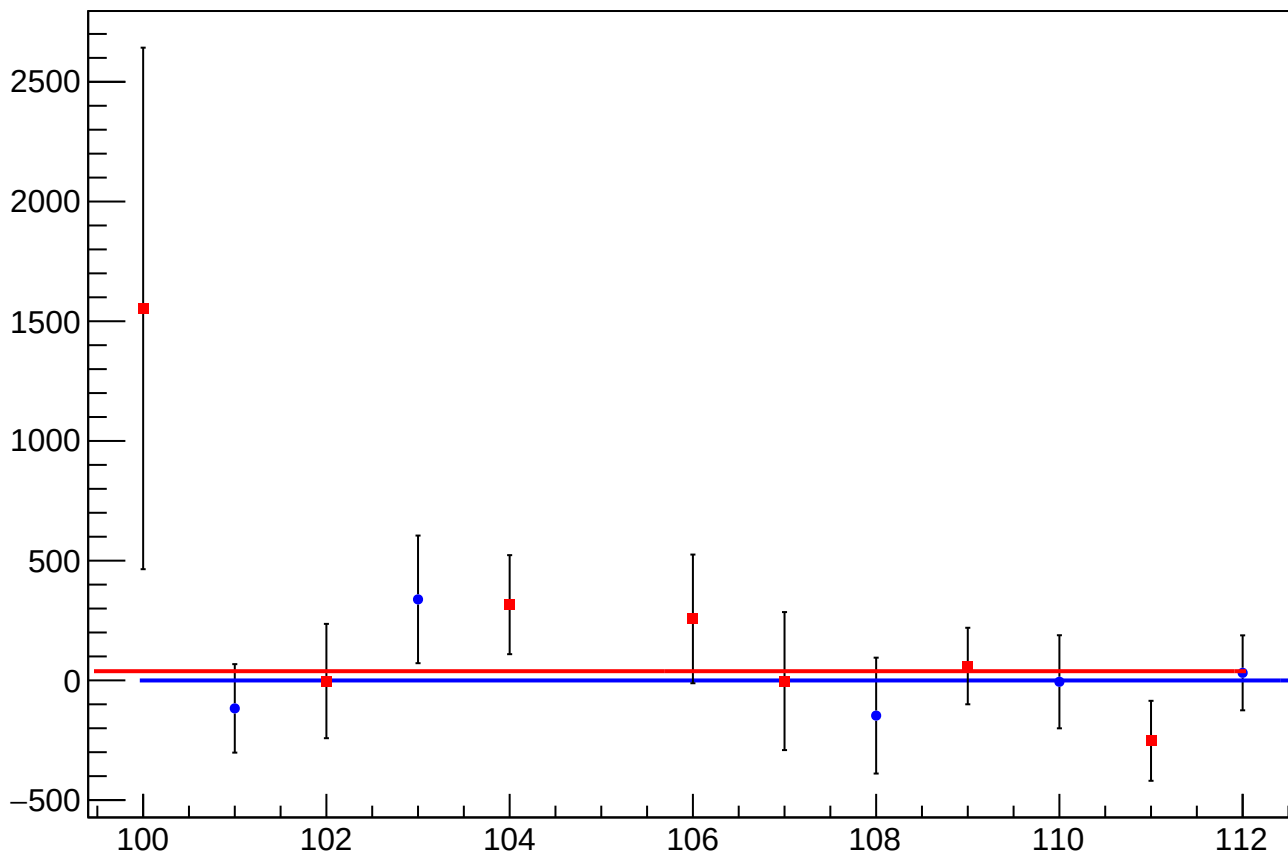
Right: 1035.649 $\pm$ 0.322 χ^2 /NDF: 227088.8/11

In: 1054.142 $\pm$ 0.474 χ^2 /NDF:114138.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1035.649 $\pm$ 0.322 χ^2 /NDF: 227088.8/11

eigen_dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -0.374 ± 88.492 $\chi^2/\text{NDF}: 2.4/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 38.335 ± 83.722 $\chi^2/\text{NDF}: 7.5/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

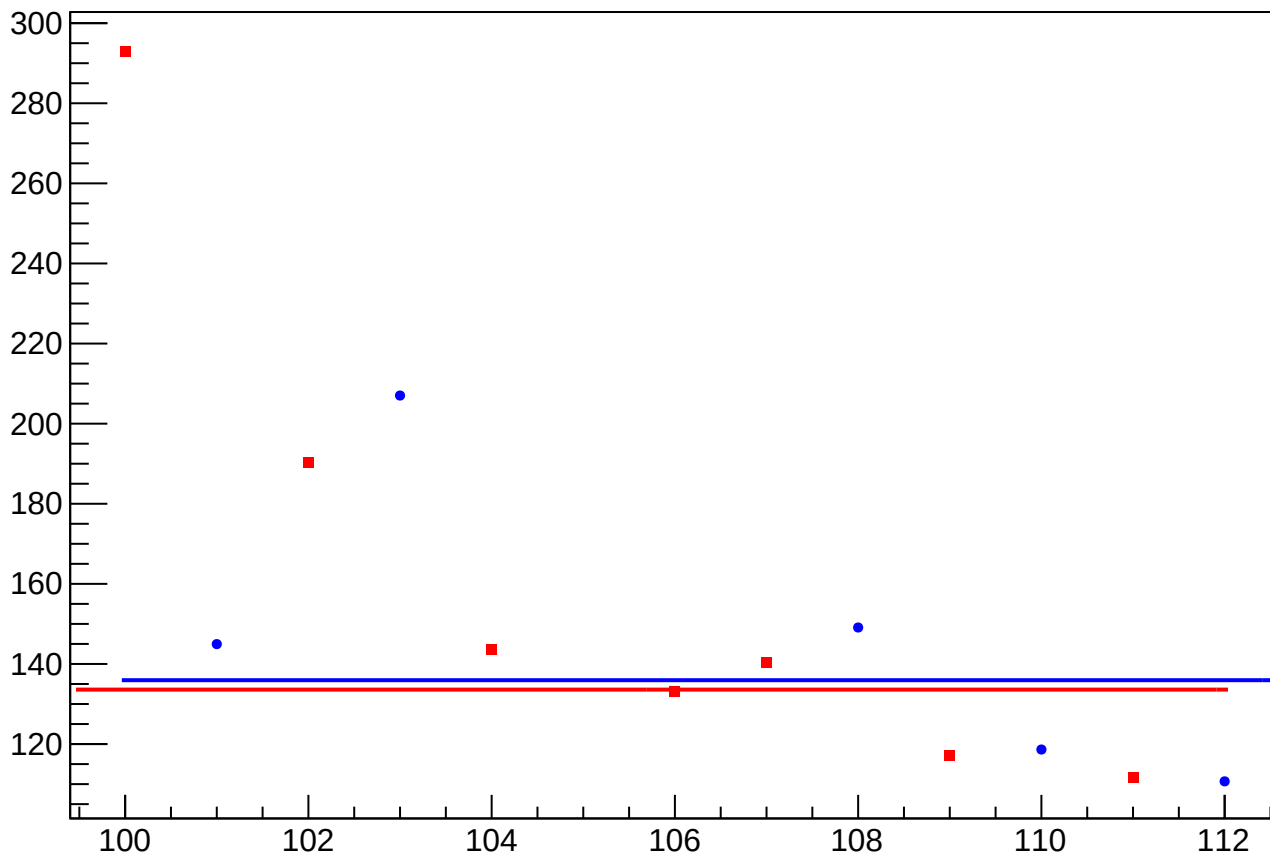
Right: 20.051 ± 60.817 $\chi^2/\text{NDF}: 10.0/11$

In: -0.374 ± 88.492 $\chi^2/\text{NDF}: 2.4/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 20.051 ± 60.817 $\chi^2/\text{NDF}: 10.0/11$

eigen_dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 135.949+/-0.063 χ^2/NDF : 220802.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.596+/-0.059 χ^2/NDF : 217386.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

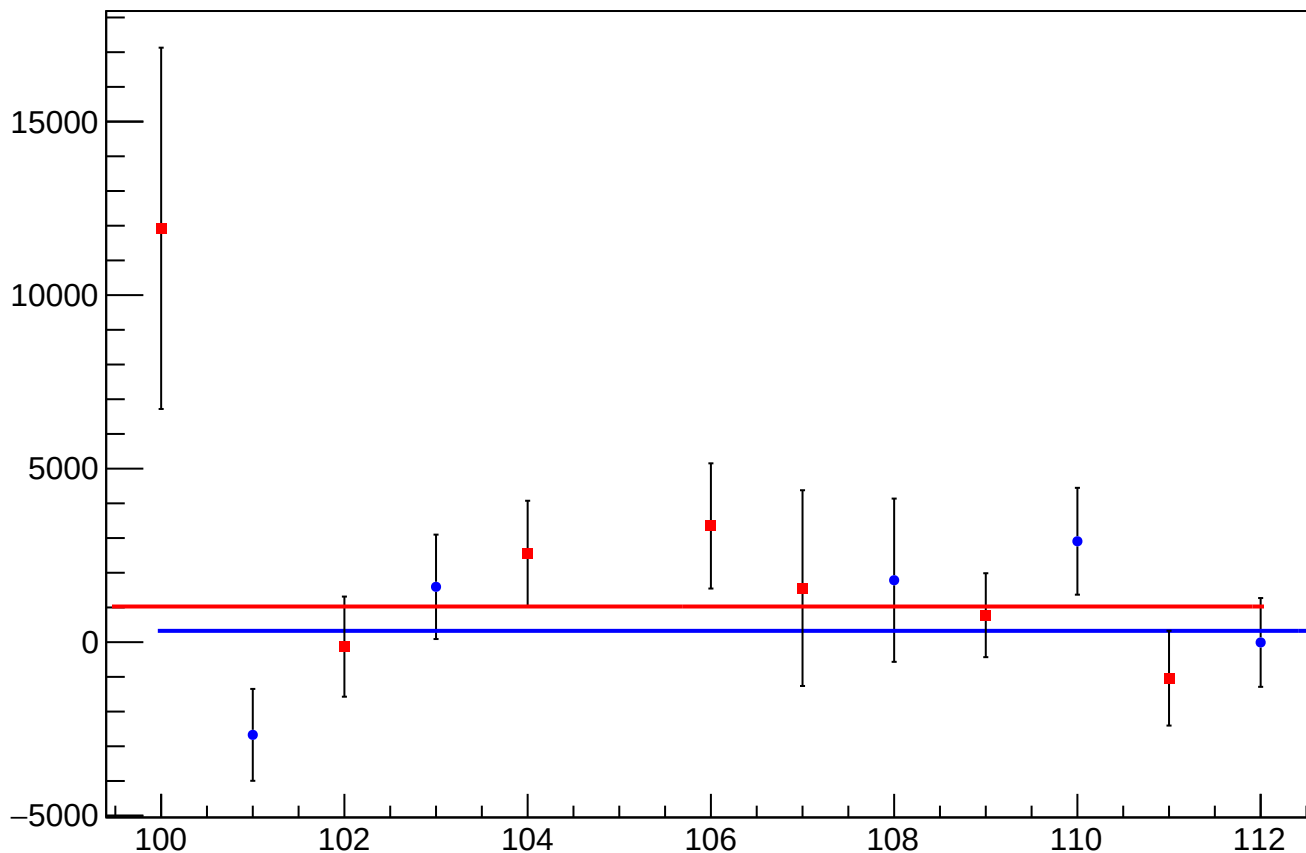
Right: 134.708+/-0.043 χ^2/NDF : 438935.5/11

In: 135.949+/-0.063 χ^2/NDF : 220802.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.708+/-0.043 χ^2/NDF : 438935.5/11

asym_sam_48_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 325.910+/-670.173 χ^2/NDF : 9.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1027.502+/-620.147 χ^2/NDF : 10.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

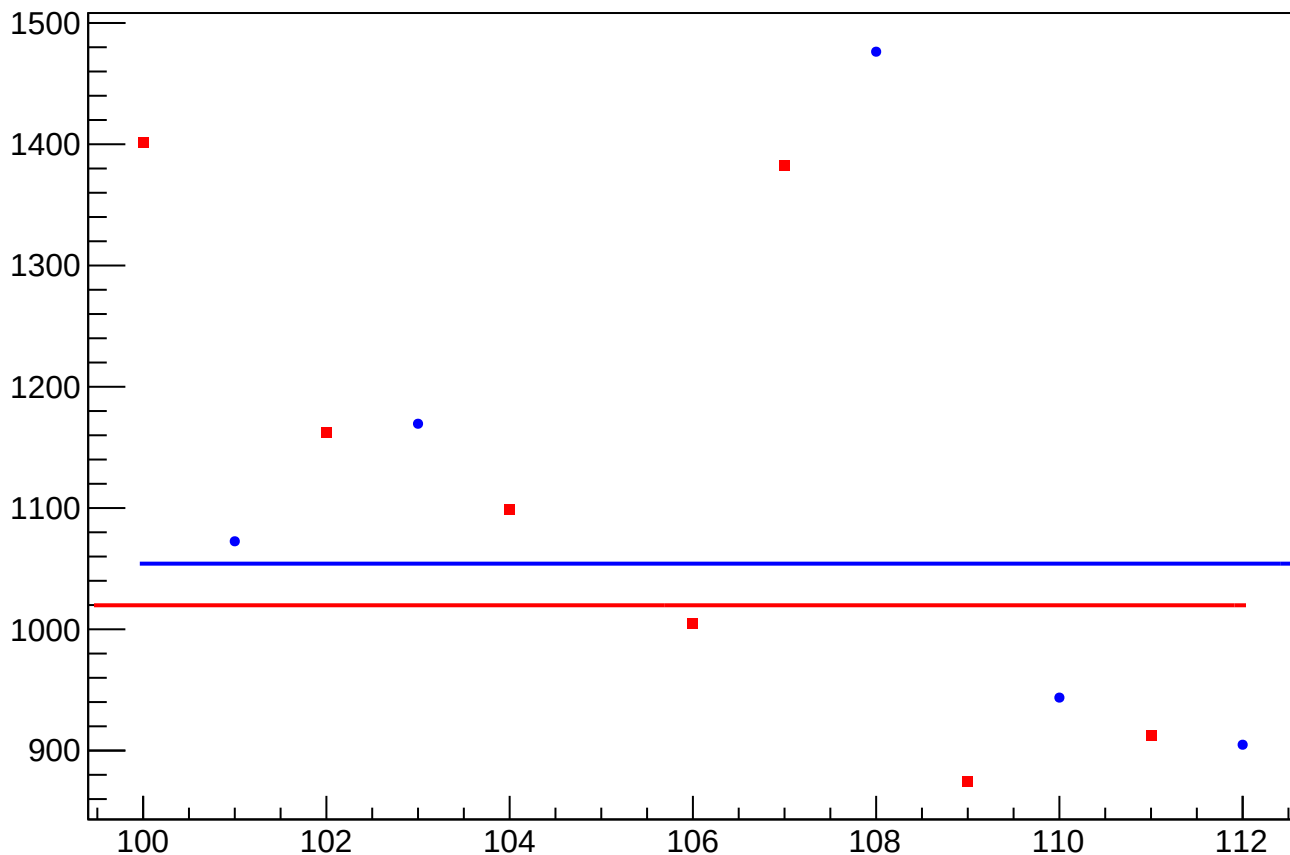
Right: 703.866+/-455.169 χ^2/NDF : 19.7/11

In: 325.910+/-670.173 χ^2/NDF : 9.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 703.866+/-455.169 χ^2/NDF : 19.7/11

asym_sam_48_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1054.141 $\pm$ 0.474 χ^2 /NDF: 114139.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1019.813 $\pm$ 0.439 χ^2 /NDF: 110123.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

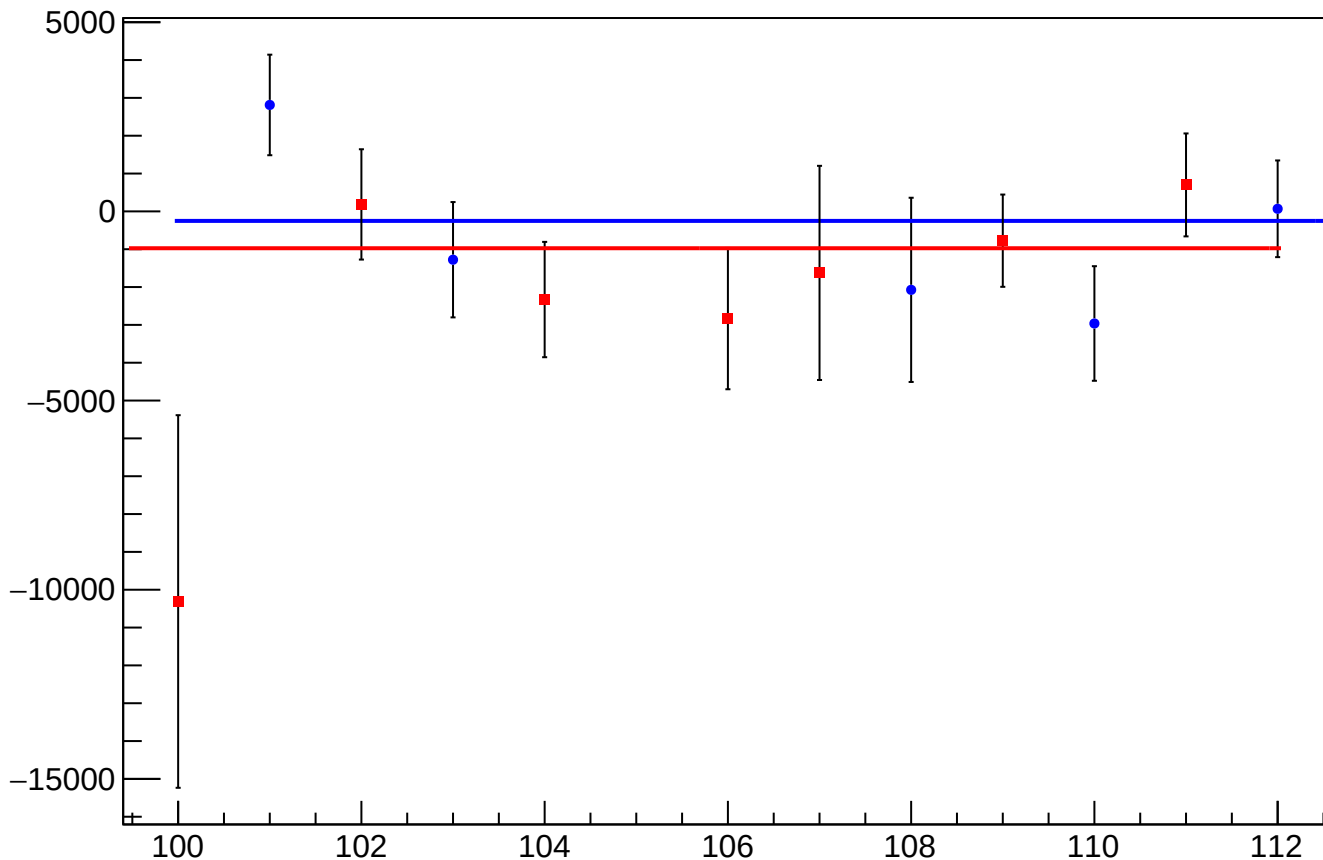
Right: 1035.648 $\pm$ 0.322 χ^2 /NDF: 227090.2/11

In: 1054.141 $\pm$ 0.474 χ^2 /NDF:114139.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1035.648 $\pm$ 0.322 χ^2 /NDF: 227090.2/11

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -251.640+/-672.056 χ^2/NDF : 9.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -974.112+/-624.145 χ^2/NDF : 7.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

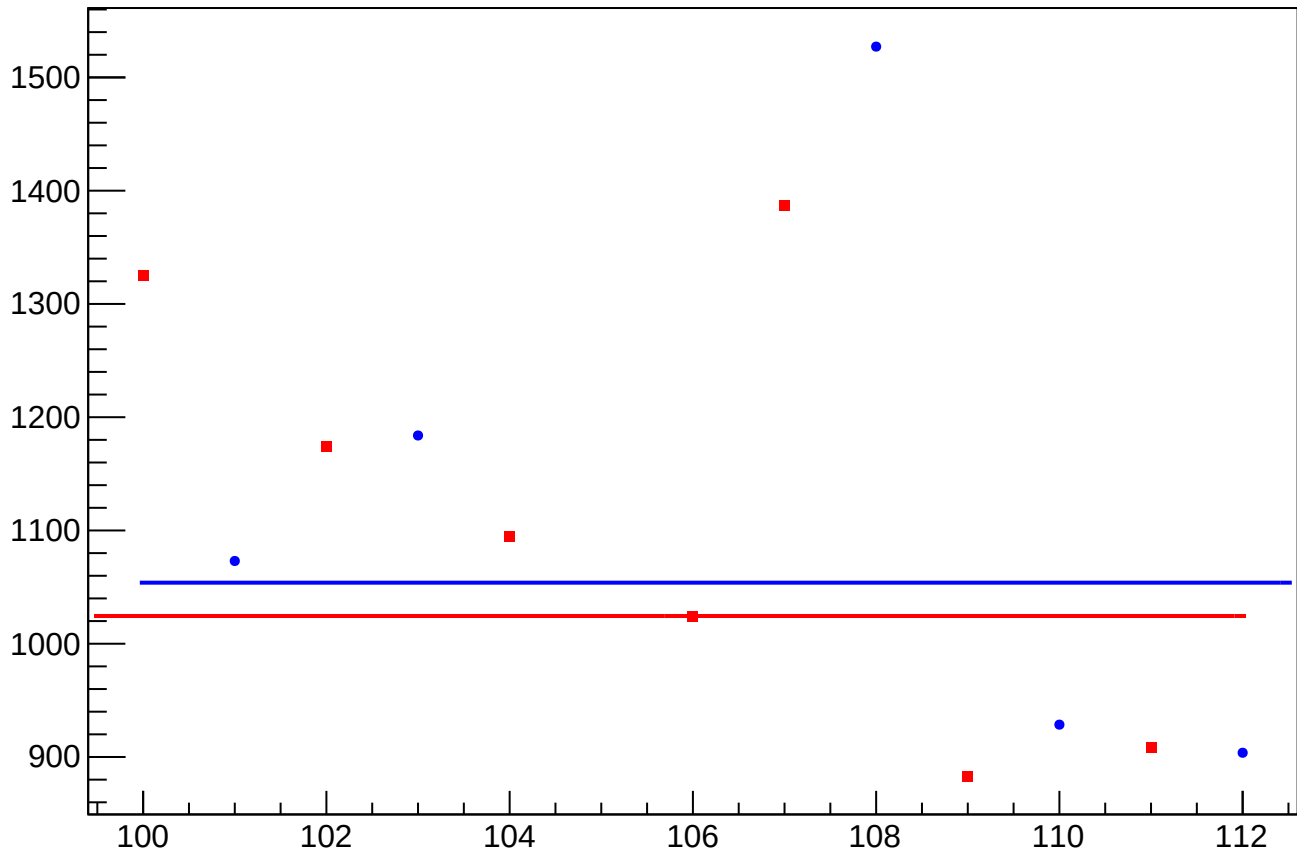
Right: -639.544+/-457.338 χ^2/NDF : 17.8/11

In: -251.640+/-672.056 χ^2/NDF : 9.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -639.544+/-457.338 χ^2/NDF : 17.8/11

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1053.909+/-0.475 χ^2/NDF : 131875.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1024.488+/-0.441 χ^2/NDF : 107058.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

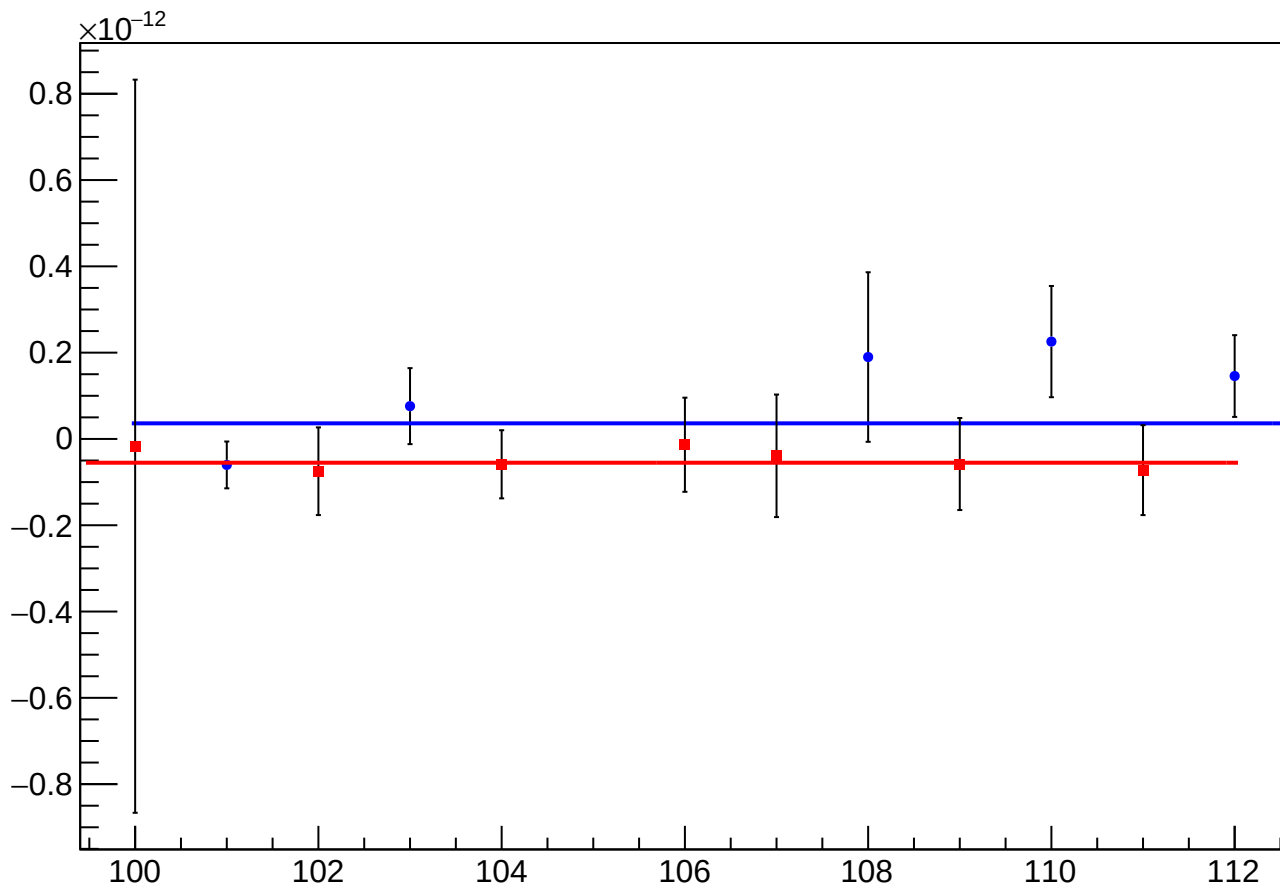
Right: 1038.113+/-0.323 χ^2/NDF : 240992.6/11

In: 1053.909+/-0.475 χ^2/NDF : 131875.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1038.113+/-0.323 χ^2/NDF : 240992.6/11

asym_sam_48_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 0.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

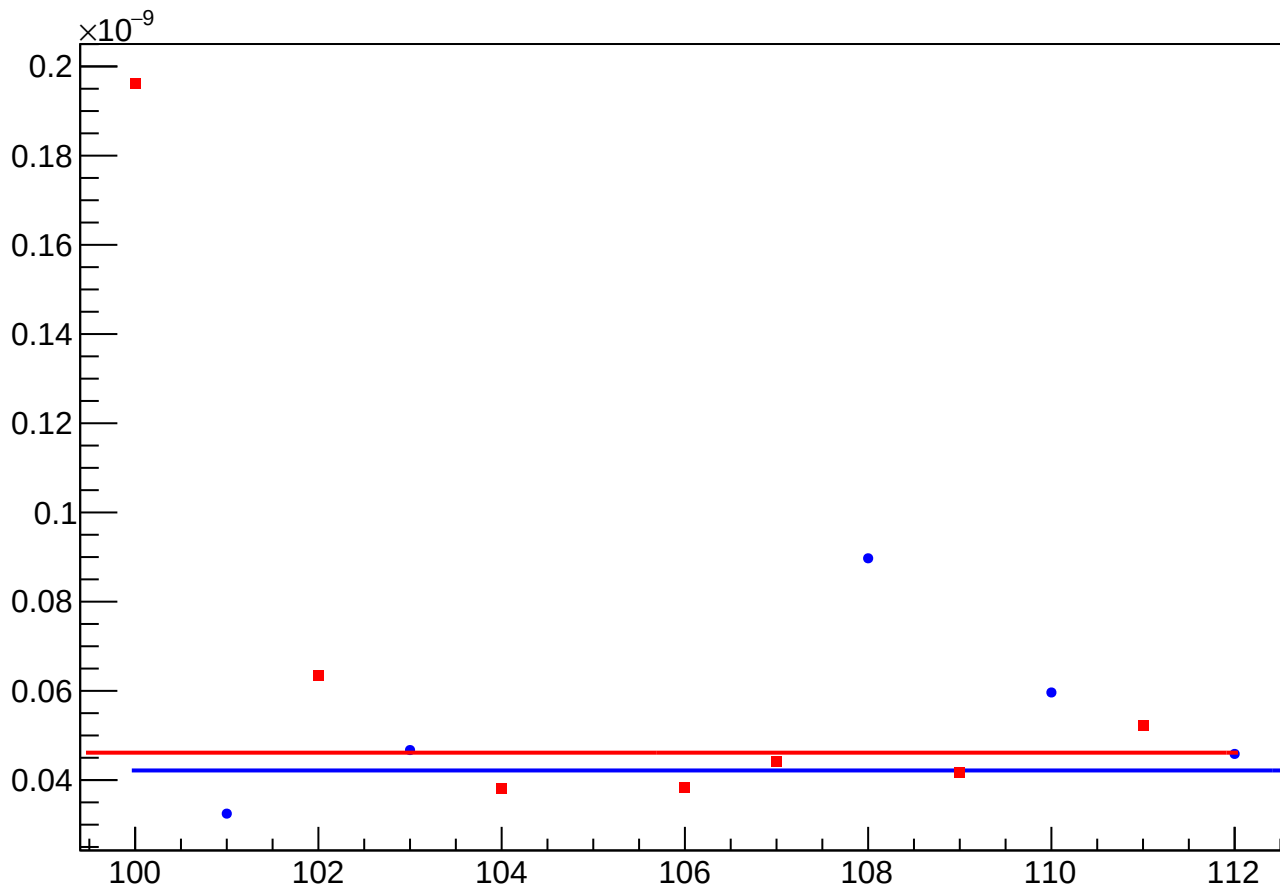
Right: -0.000+/-0.000 χ^2/NDF : 10.3/11

In: 0.000+/-0.000 χ^2/NDF : 7.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.3/11

asym_sam_48_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 226118.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 162643.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

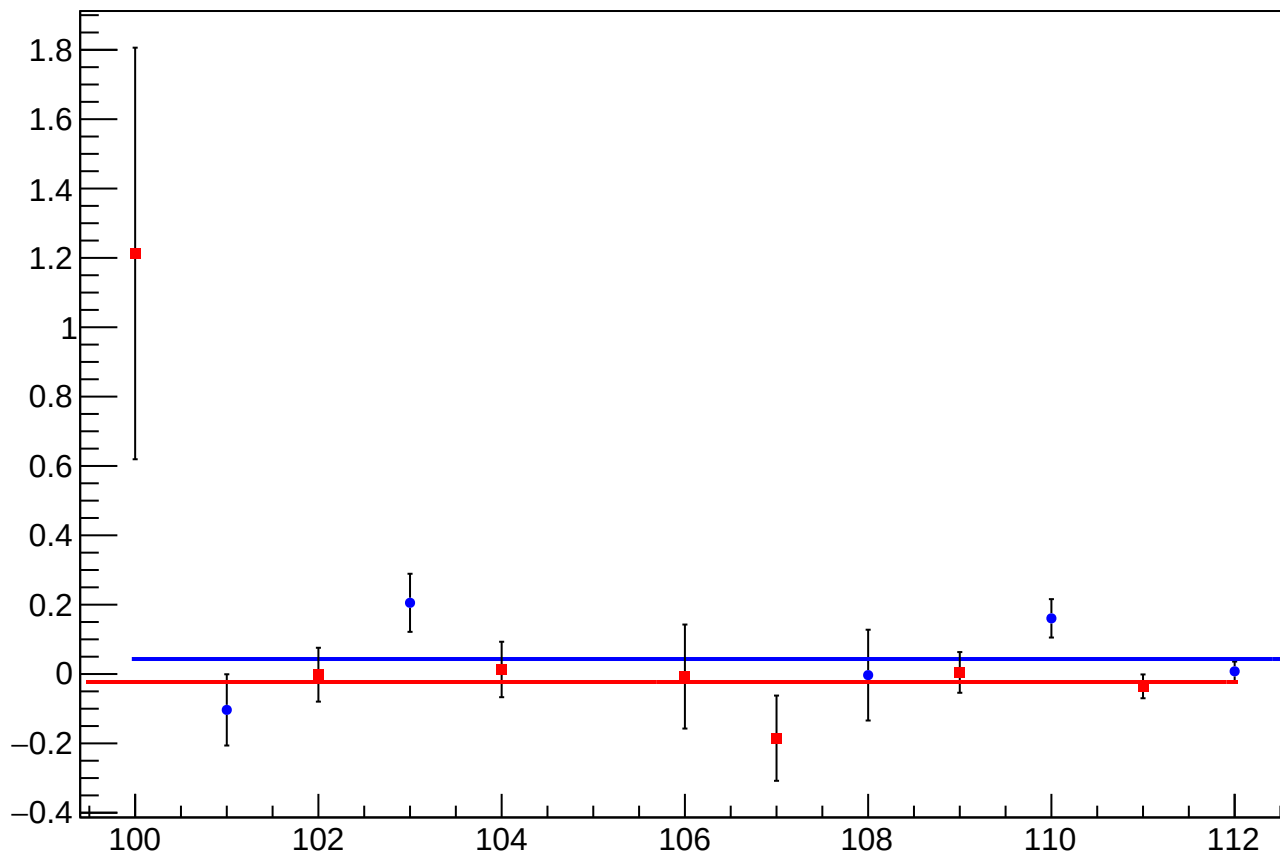
Right: 0.000+/-0.000 χ^2/NDF : 398551.9/11

In: 0.000+/-0.000 χ^2/NDF : 226118.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 398551.9/11

asym_sam_48_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.043+/-0.023 χ^2/NDF : 12.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.023+/-0.025 χ^2/NDF : 6.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

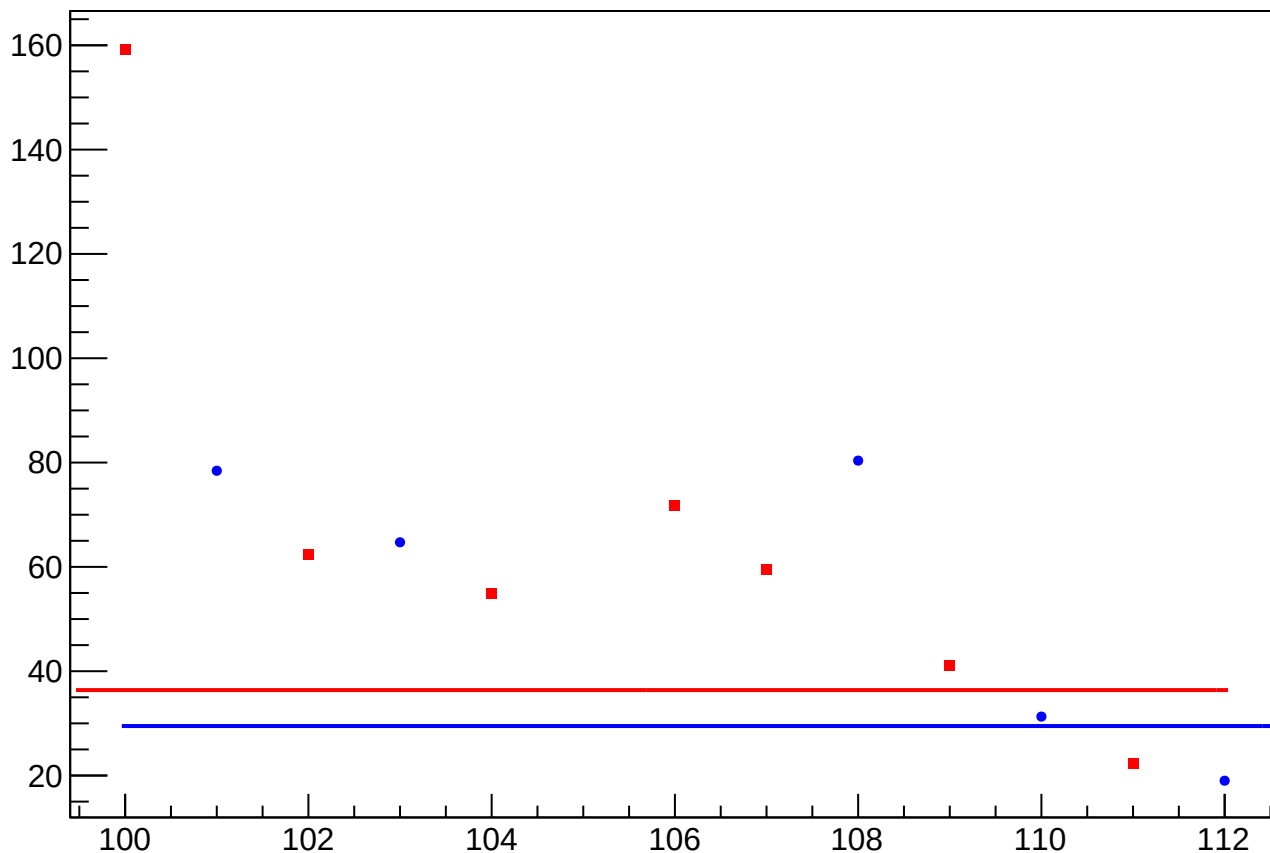
Right: 0.013+/-0.017 χ^2/NDF : 22.5/11

In: 0.043+/-0.023 χ^2/NDF : 12.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.017 χ^2/NDF : 22.5/11

asym_sam_48_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.488+/-0.016 χ^2/NDF : 1389446.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.380+/-0.018 χ^2/NDF : 951183.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

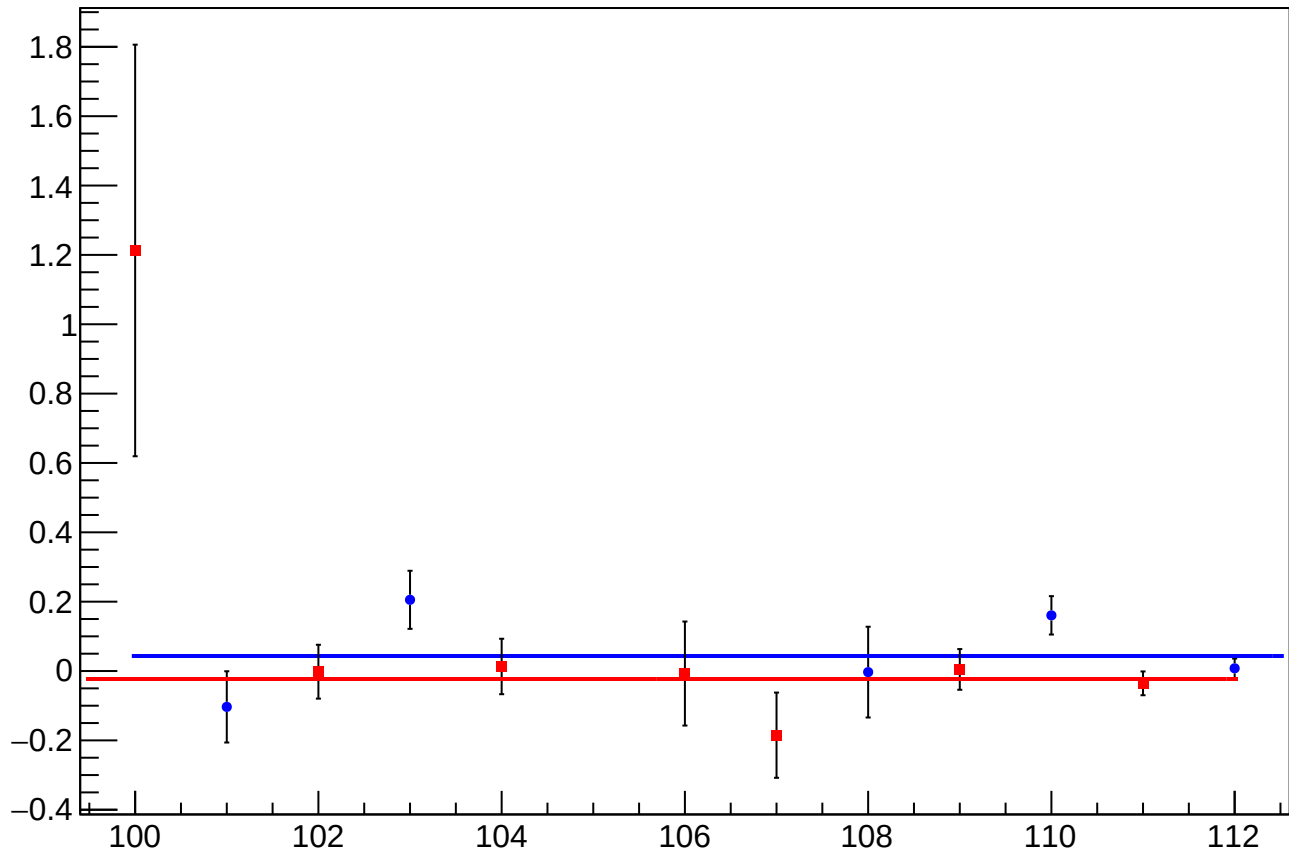
Right: 32.627+/-0.012 χ^2/NDF : 2422122.2/11

In: 29.488+/-0.016 χ^2/NDF : 1389446.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.627+/-0.012 χ^2/NDF : 2422122.2/11

asym_sam_48_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.043+/-0.023 χ^2/NDF : 12.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.023+/-0.025 χ^2/NDF : 6.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

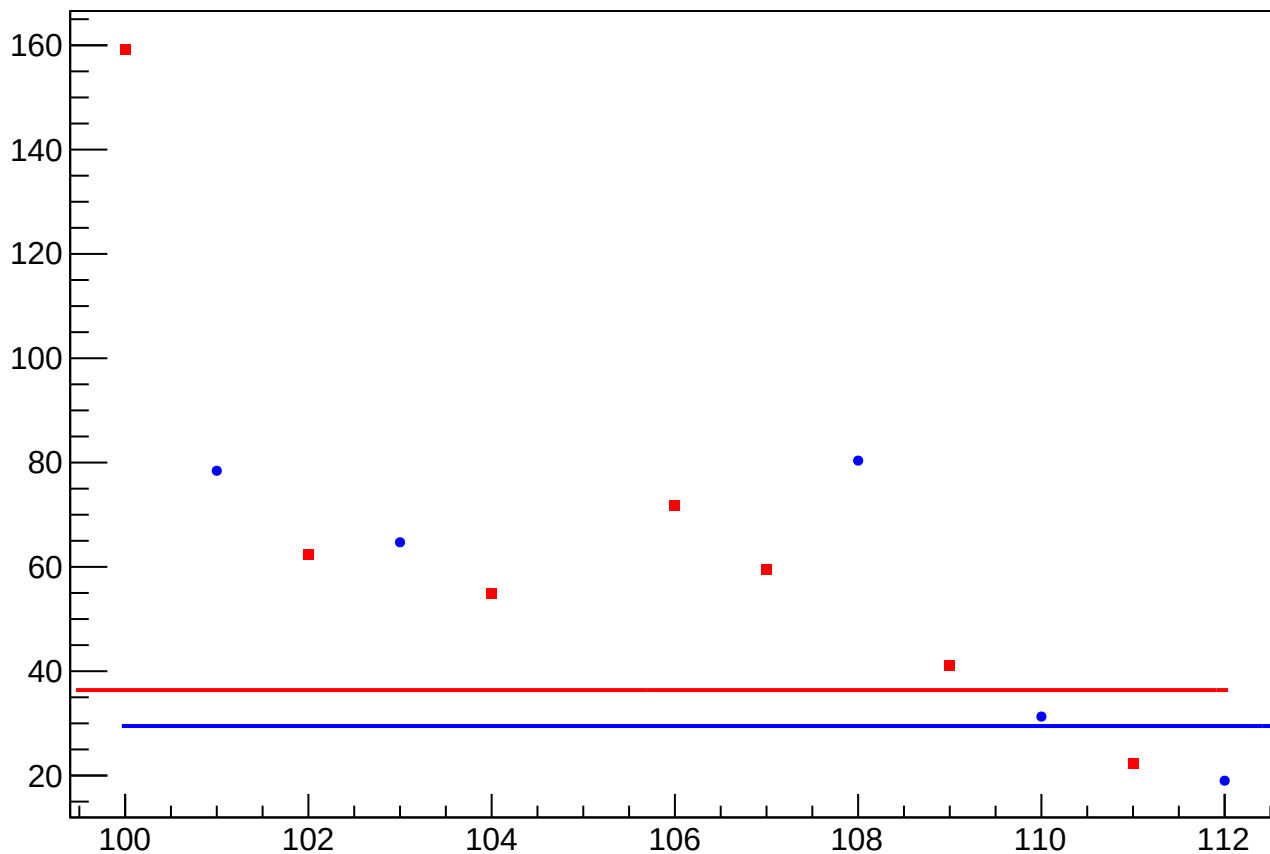
Right: 0.013+/-0.017 χ^2/NDF : 22.5/11

In: 0.043+/-0.023 χ^2/NDF : 12.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.017 χ^2/NDF : 22.5/11

asym_sam_48_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.488+/-0.016 χ^2/NDF : 1389446.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.380+/-0.018 χ^2/NDF : 951183.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

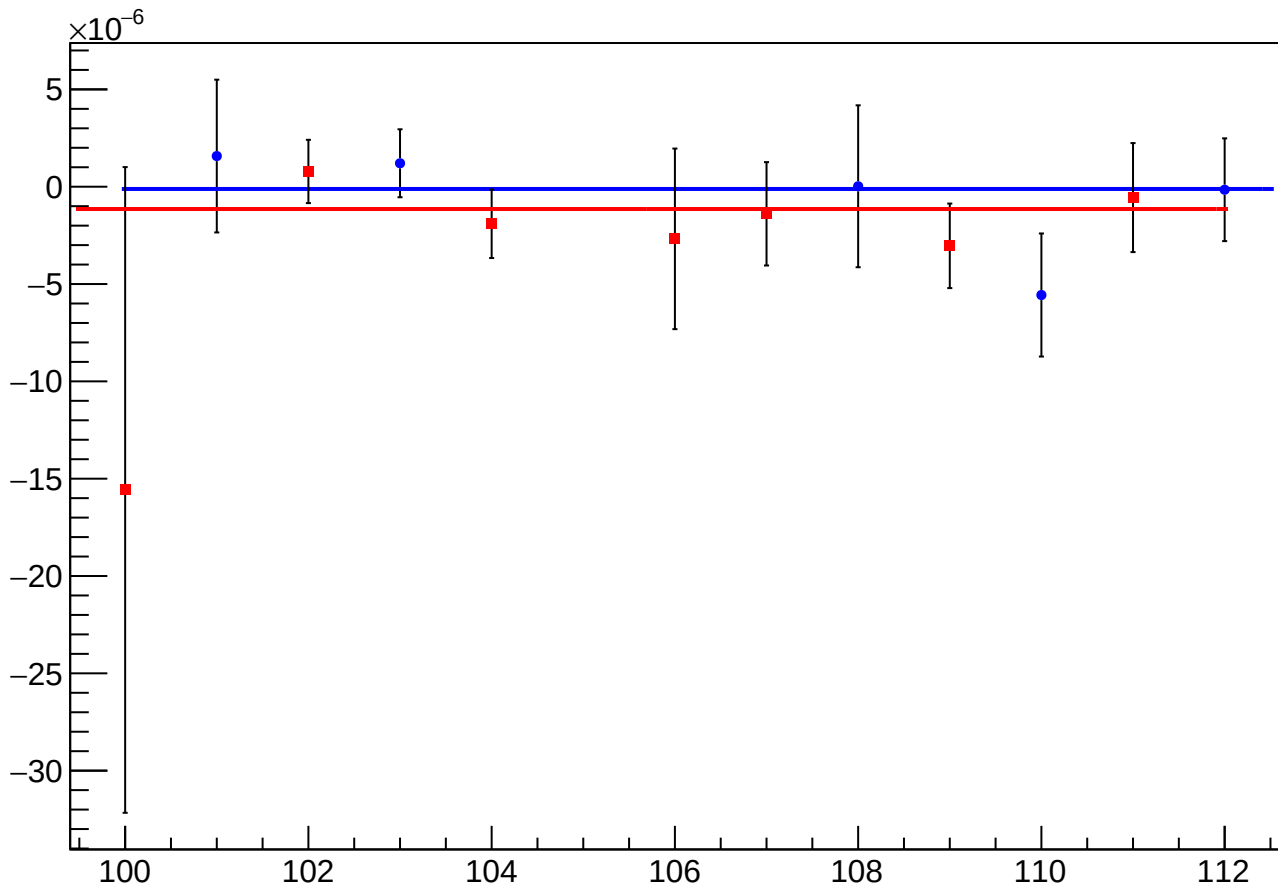
Right: 32.627+/-0.012 χ^2/NDF : 2422122.2/11

In: 29.488+/-0.016 χ^2/NDF : 1389446.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.627+/-0.012 χ^2/NDF : 2422122.2/11

asym_sam_48_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

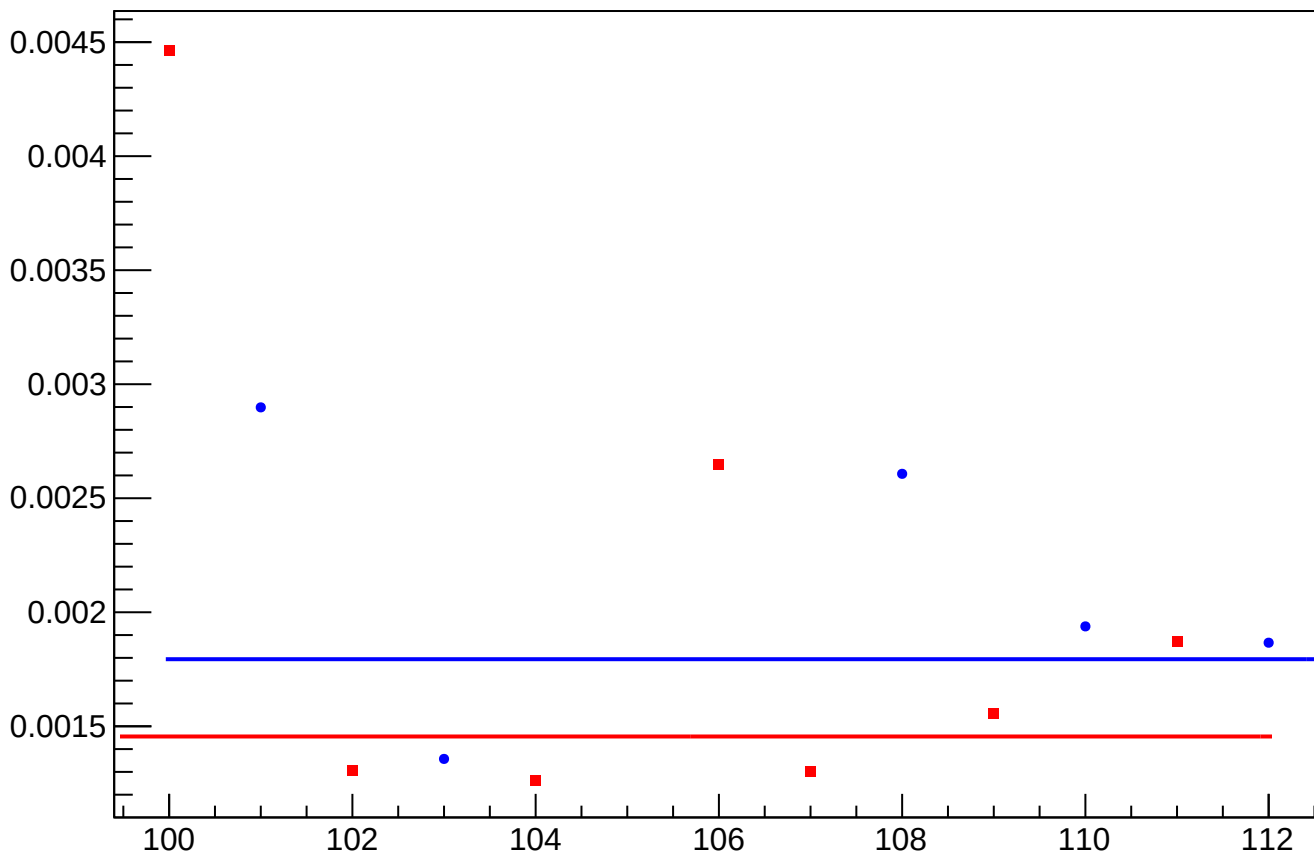
Right: -0.000+/-0.000 χ^2/NDF : 7.5/11

In: -0.000+/-0.000 χ^2/NDF : 3.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.5/11

asym_sam_48_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 365861.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 293657.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

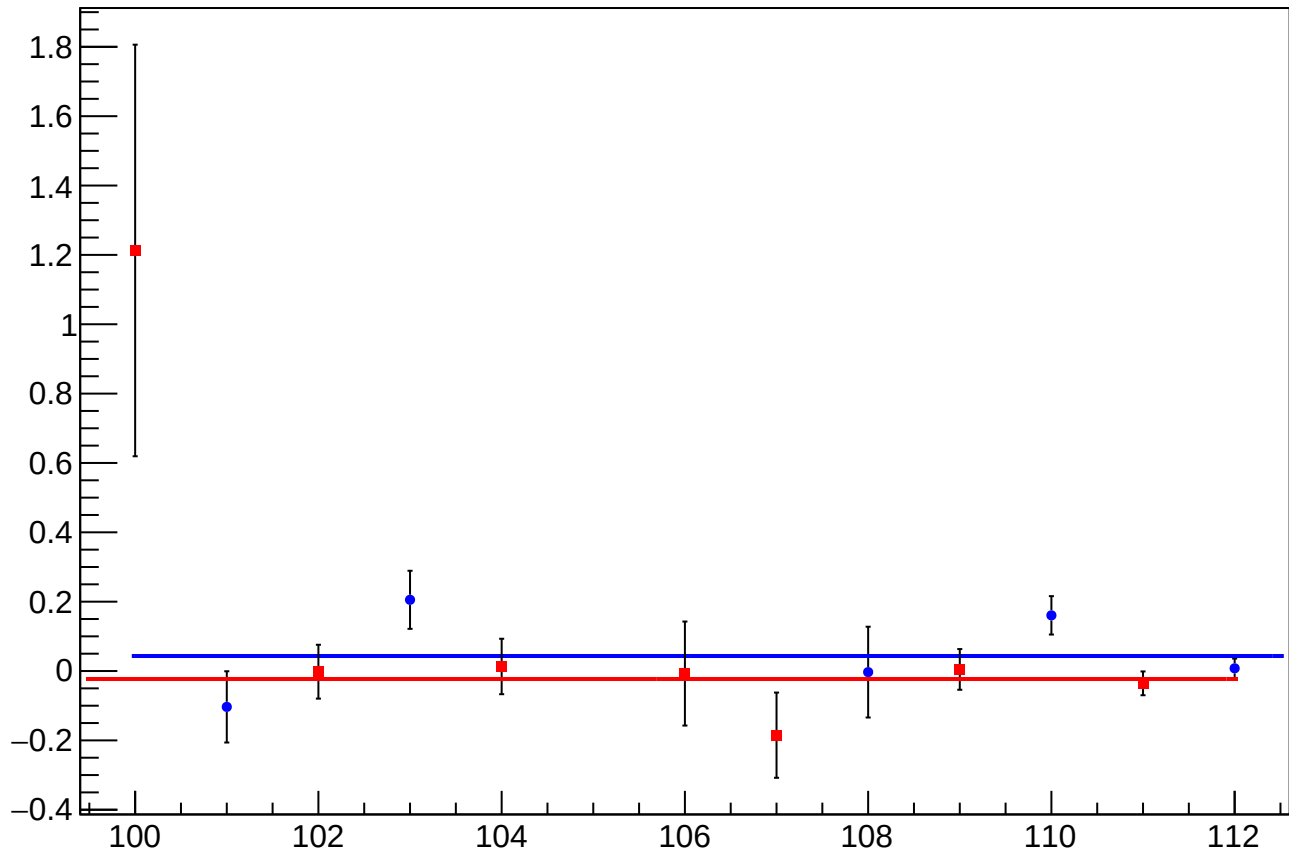
Right: 0.002+/-0.000 χ^2/NDF : 761552.7/11

In: 0.002+/-0.000 χ^2/NDF : 365861.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 761552.7/11

asym_sam_48_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.043+/-0.023 χ^2/NDF : 12.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.023+/-0.025 χ^2/NDF : 6.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

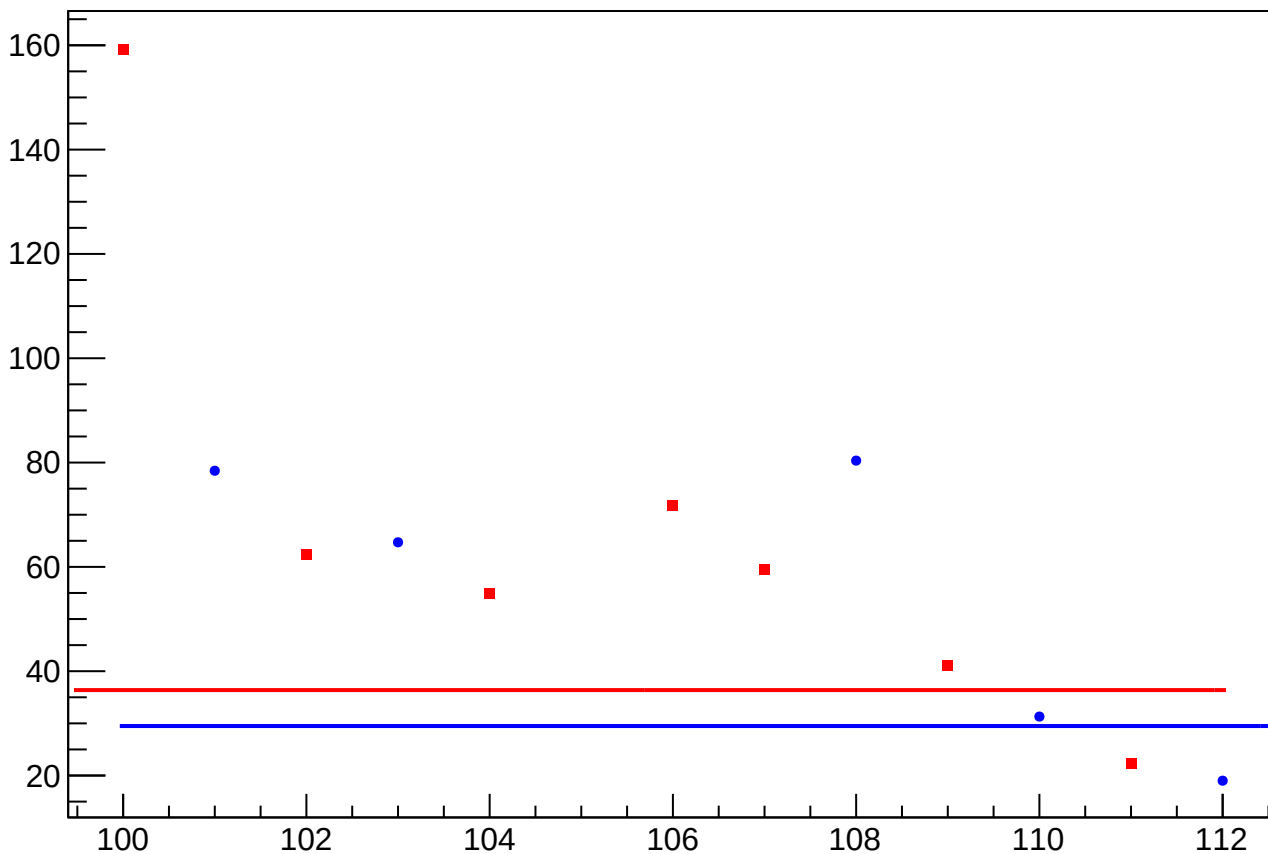
Right: 0.013+/-0.017 χ^2/NDF : 22.5/11

In: 0.043+/-0.023 χ^2/NDF : 12.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.017 χ^2/NDF : 22.5/11

asym_sam_48_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.488+/-0.016 χ^2/NDF : 1389514.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.380+/-0.018 χ^2/NDF : 951244.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

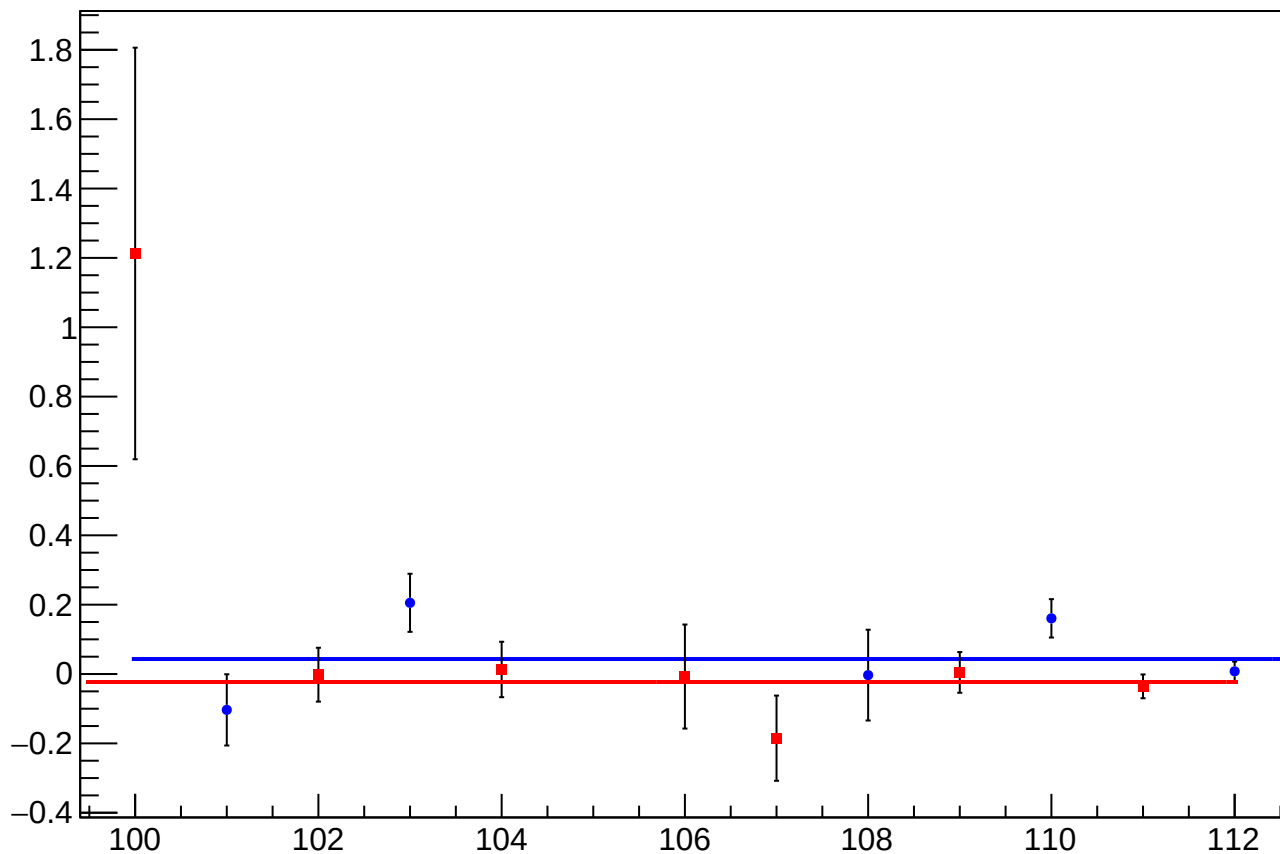
Right: 32.626+/-0.012 χ^2/NDF : 2422257.6/11

In: 29.488+/-0.016 χ^2/NDF : 1389514.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.626+/-0.012 χ^2/NDF : 2422257.6/11

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.043+/-0.023 χ^2/NDF : 12.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.023+/-0.025 χ^2/NDF : 6.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

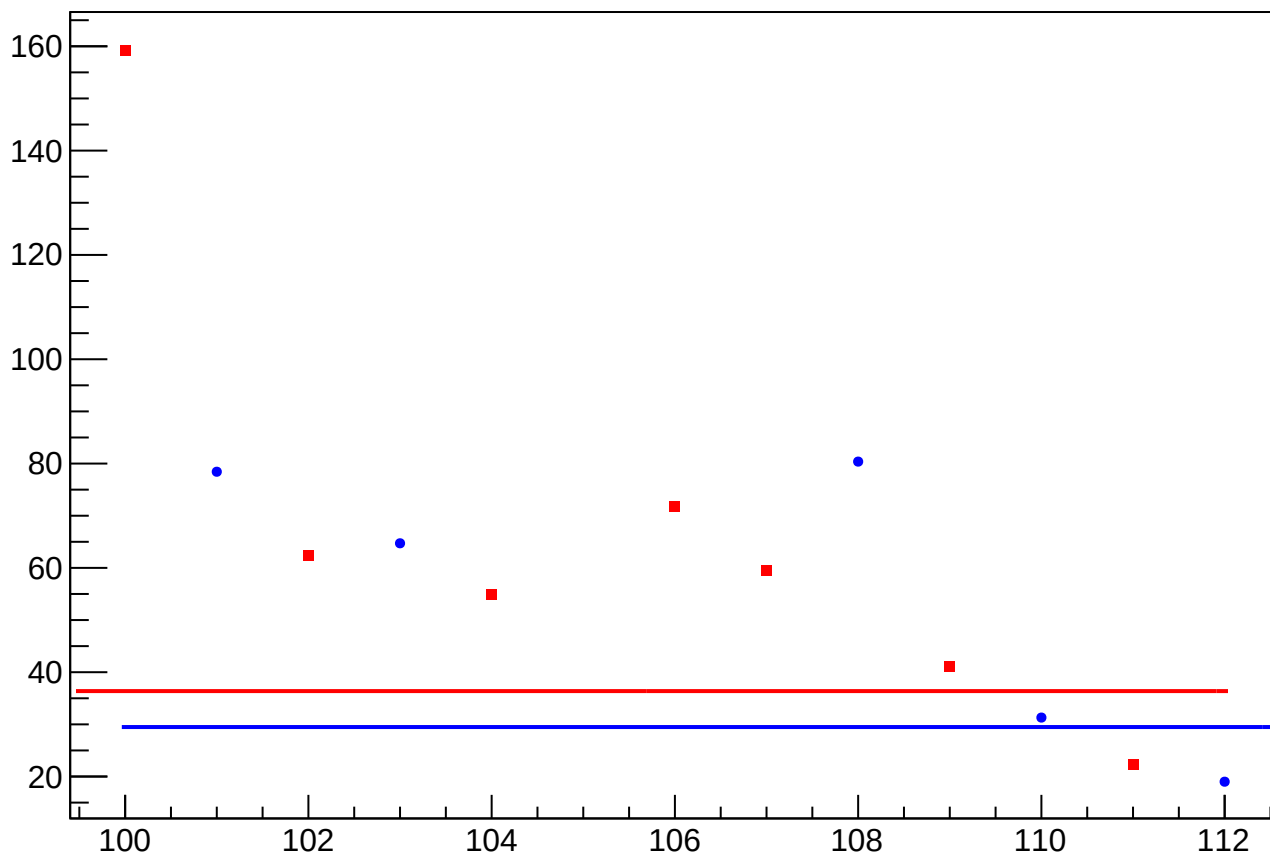
Right: 0.013+/-0.017 χ^2/NDF : 22.5/11

In: 0.043+/-0.023 χ^2/NDF : 12.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.017 χ^2/NDF : 22.5/11

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.488+/-0.016 χ^2/NDF : 1389514.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.380+/-0.018 χ^2/NDF : 951244.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

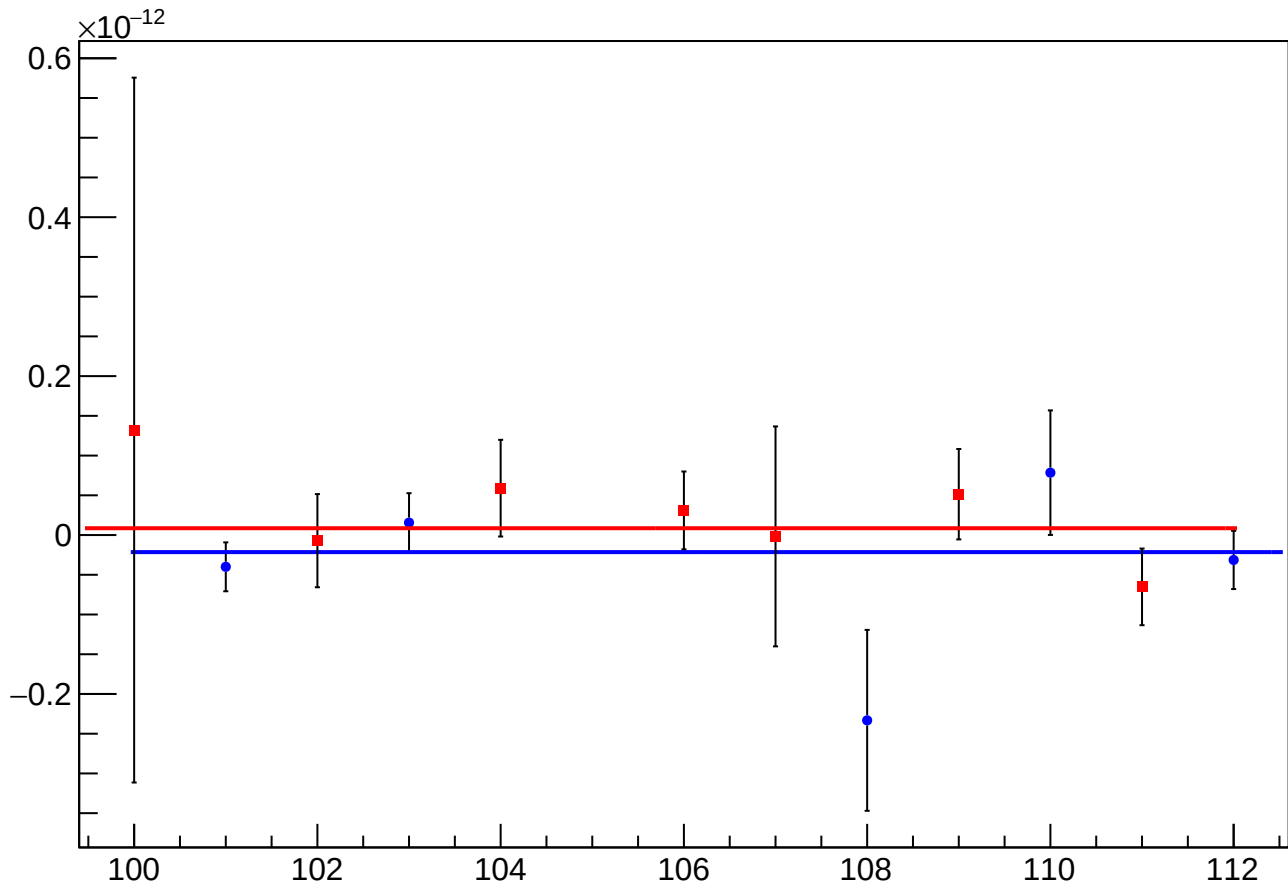
Right: 32.626+/-0.012 χ^2/NDF : 2422257.6/11

In: 29.488+/-0.016 χ^2/NDF : 1389514.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.626+/-0.012 χ^2/NDF : 2422257.6/11

asym_sam_48_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

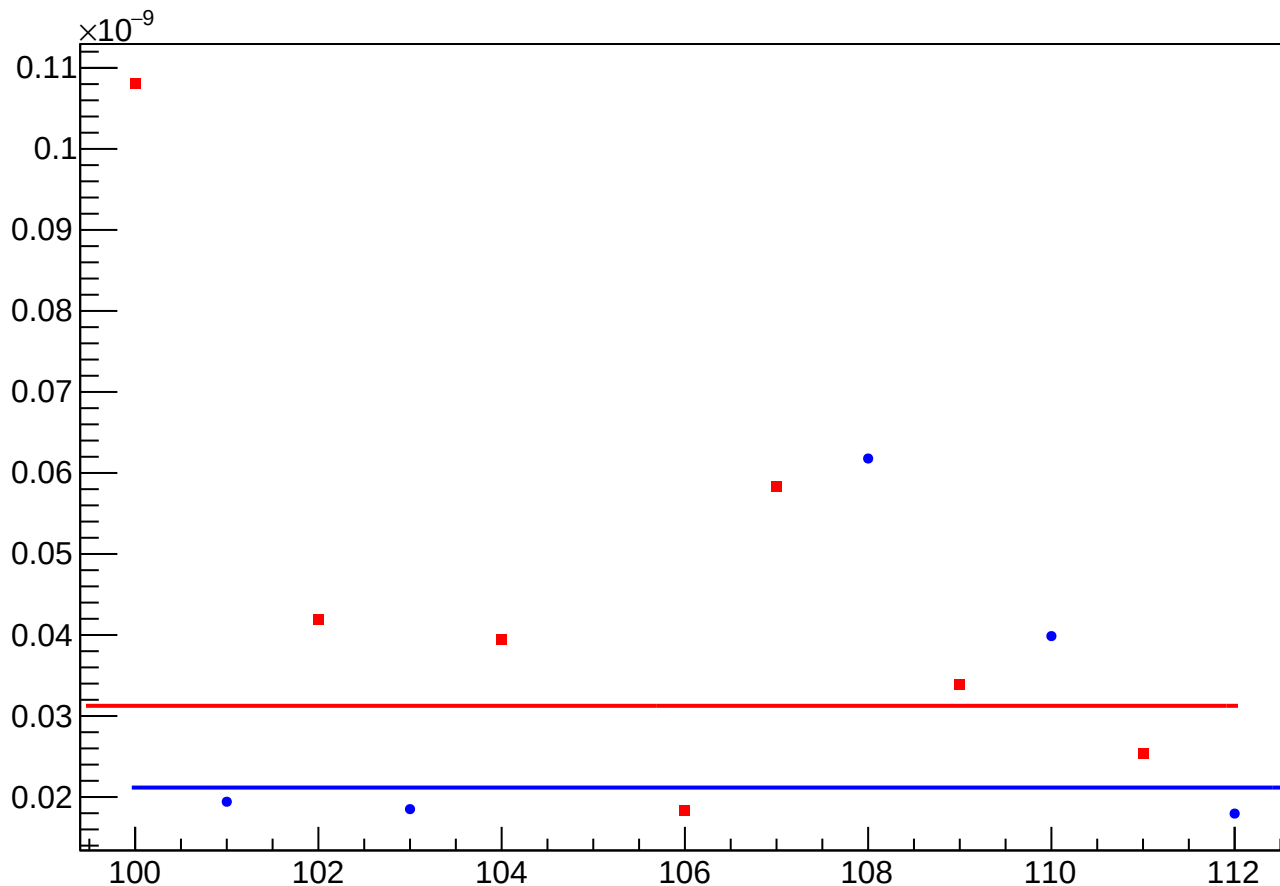
Right: -0.000+/-0.000 χ^2/NDF : 11.5/11

In: -0.000+/-0.000 χ^2/NDF : 6.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.5/11

asym_sam_48_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 400655.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 412385.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

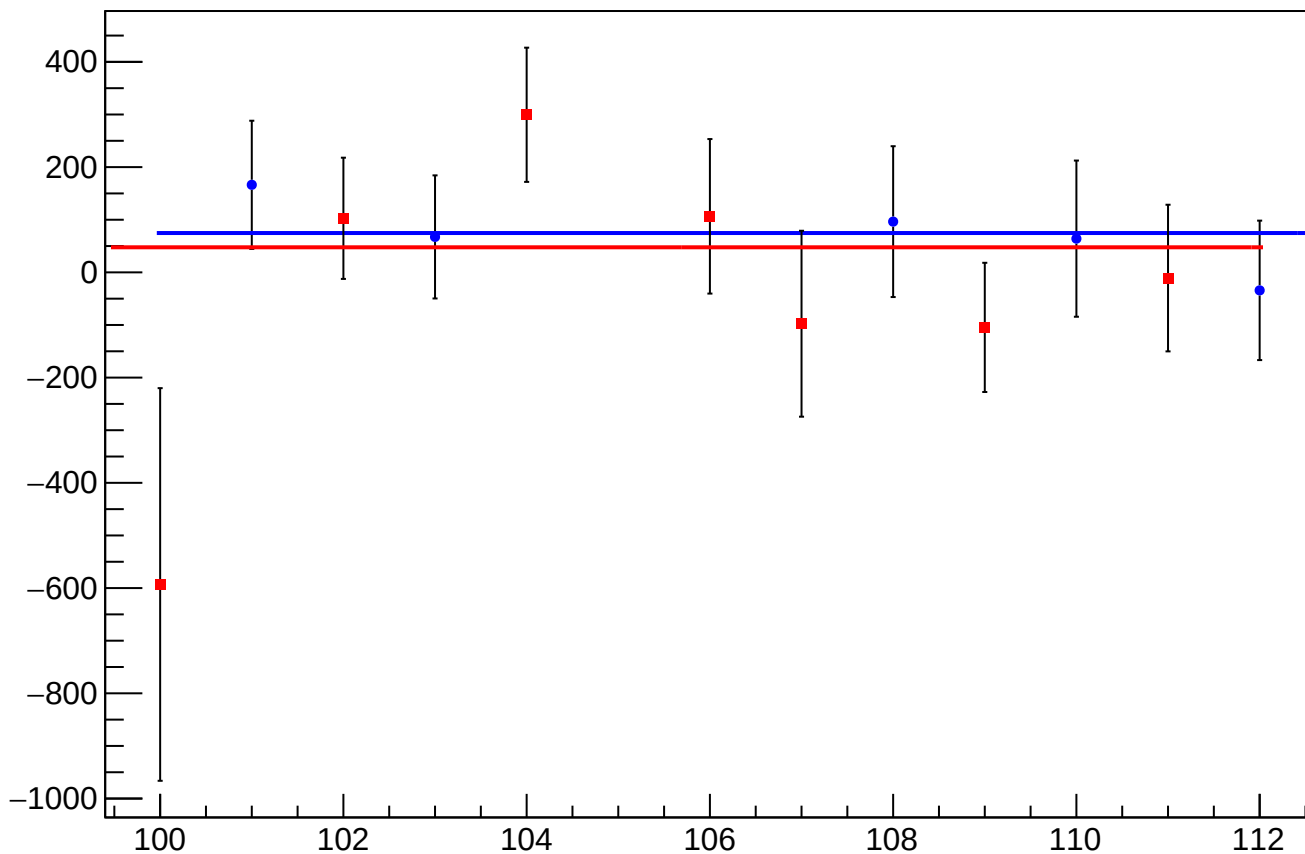
Right: 0.000+/-0.000 χ^2/NDF : 1033346.3/11

In: 0.000+/-0.000 χ^2/NDF : 400655.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1033346.3/11

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 74.742+/-58.566 χ^2/NDF : 1.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.623+/-54.210 χ^2/NDF : 9.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

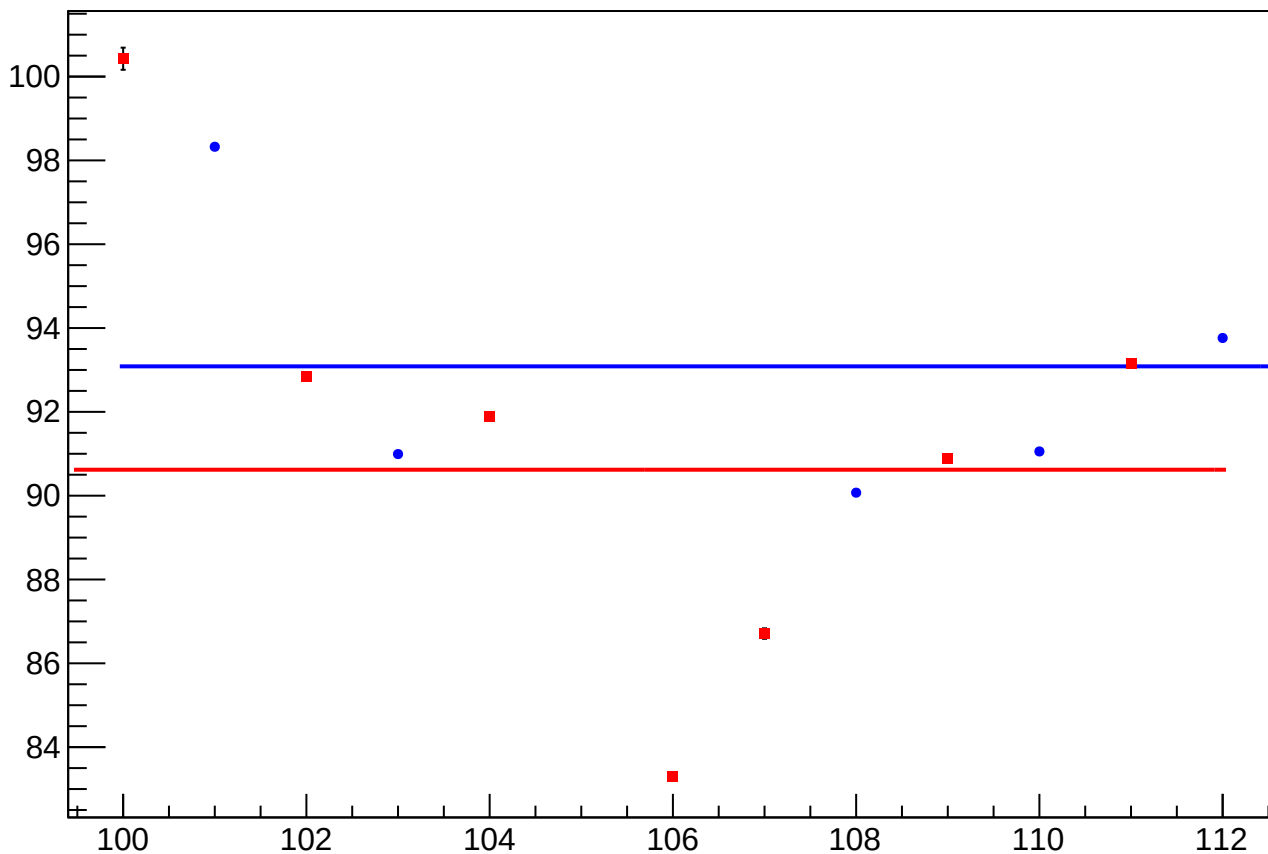
Right: 60.136+/-39.783 χ^2/NDF : 11.0/11

In: 74.742+/-58.566 χ^2/NDF : 1.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.136+/-39.783 χ^2/NDF : 11.0/11

reg_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 93.086+/-0.041 χ^2/NDF : 5653.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.619+/-0.038 χ^2/NDF : 8949.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

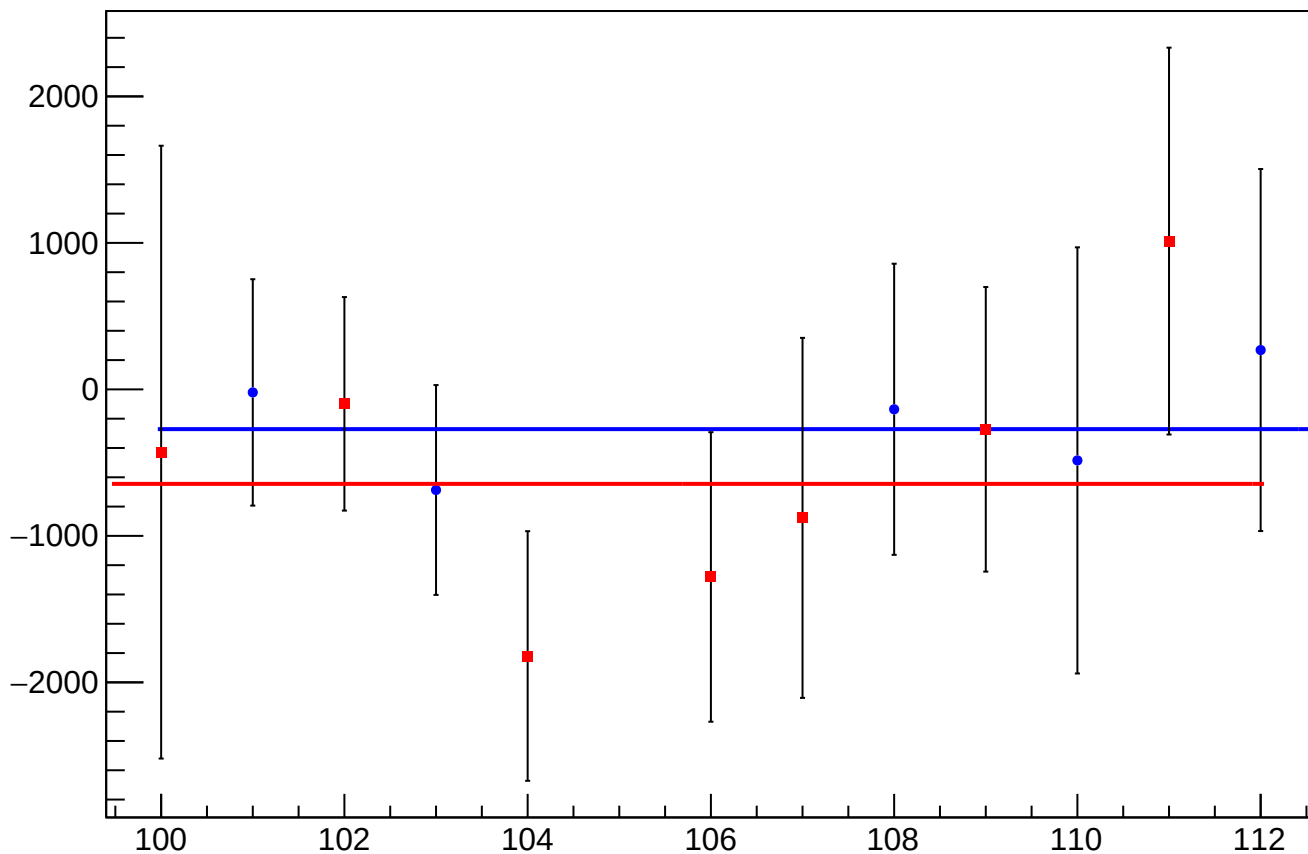
Right: 91.757+/-0.028 χ^2/NDF : 16513.1/11

In: 93.086+/-0.041 χ^2/NDF : 5653.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.757+/-0.028 χ^2/NDF : 16513.1/11

asym_sam_15_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -271.312+/-416.498 χ^2/NDF : 0.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -644.994+/-383.236 χ^2/NDF : 4.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

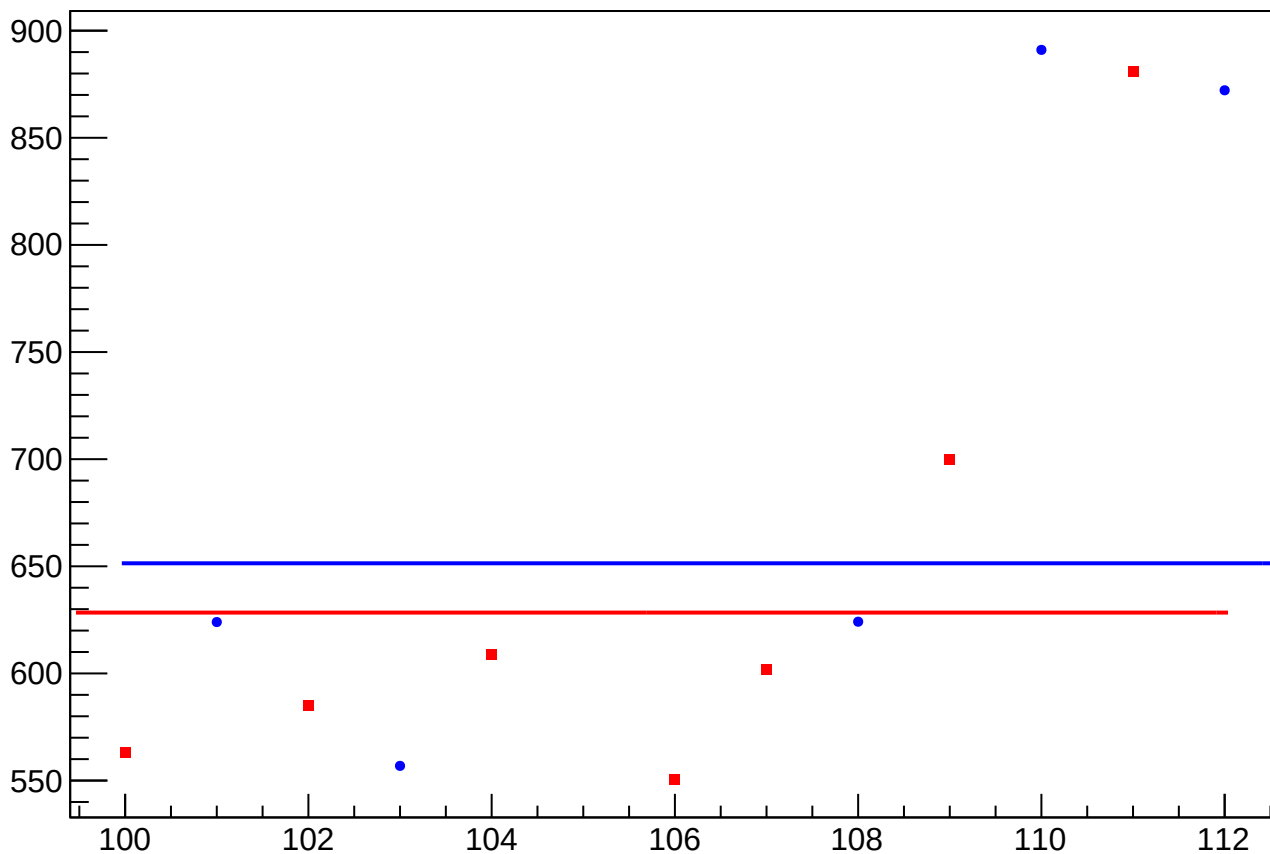
Right: -473.668+/-282.016 χ^2/NDF : 5.8/11

In: -271.312+/-416.498 χ^2/NDF : 0.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -473.668+/-282.016 χ^2/NDF : 5.8/11

asym_sam_15_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 651.404+/-0.295 χ^2/NDF : 157000.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 628.404+/-0.271 χ^2/NDF : 107265.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

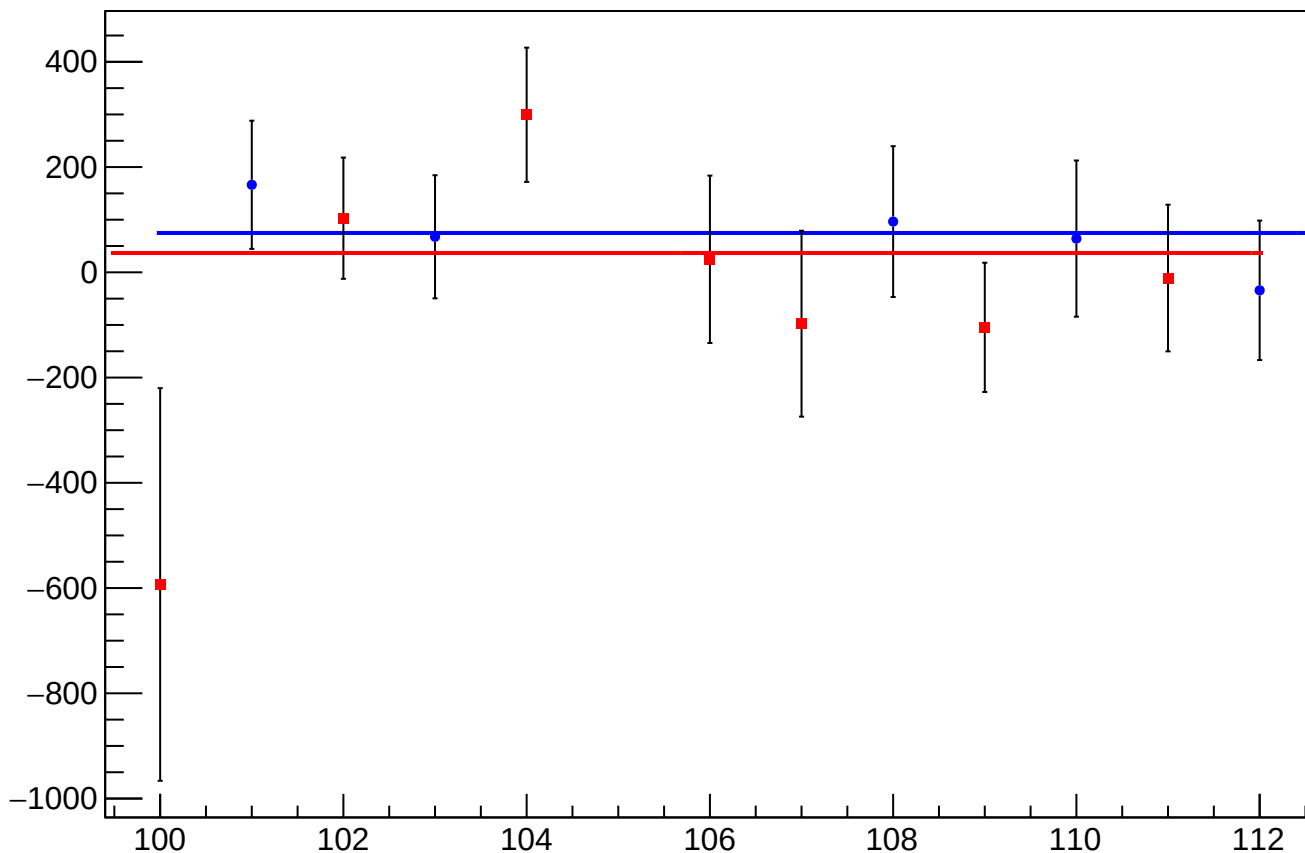
Right: 638.949+/-0.199 χ^2/NDF : 267568.5/11

In: 651.404+/-0.295 χ^2/NDF : 157000.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 638.949+/-0.199 χ^2/NDF : 267568.5/11

cor_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 74.788+/-58.566 χ^2/NDF : 1.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.734+/-54.764 χ^2/NDF : 9.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

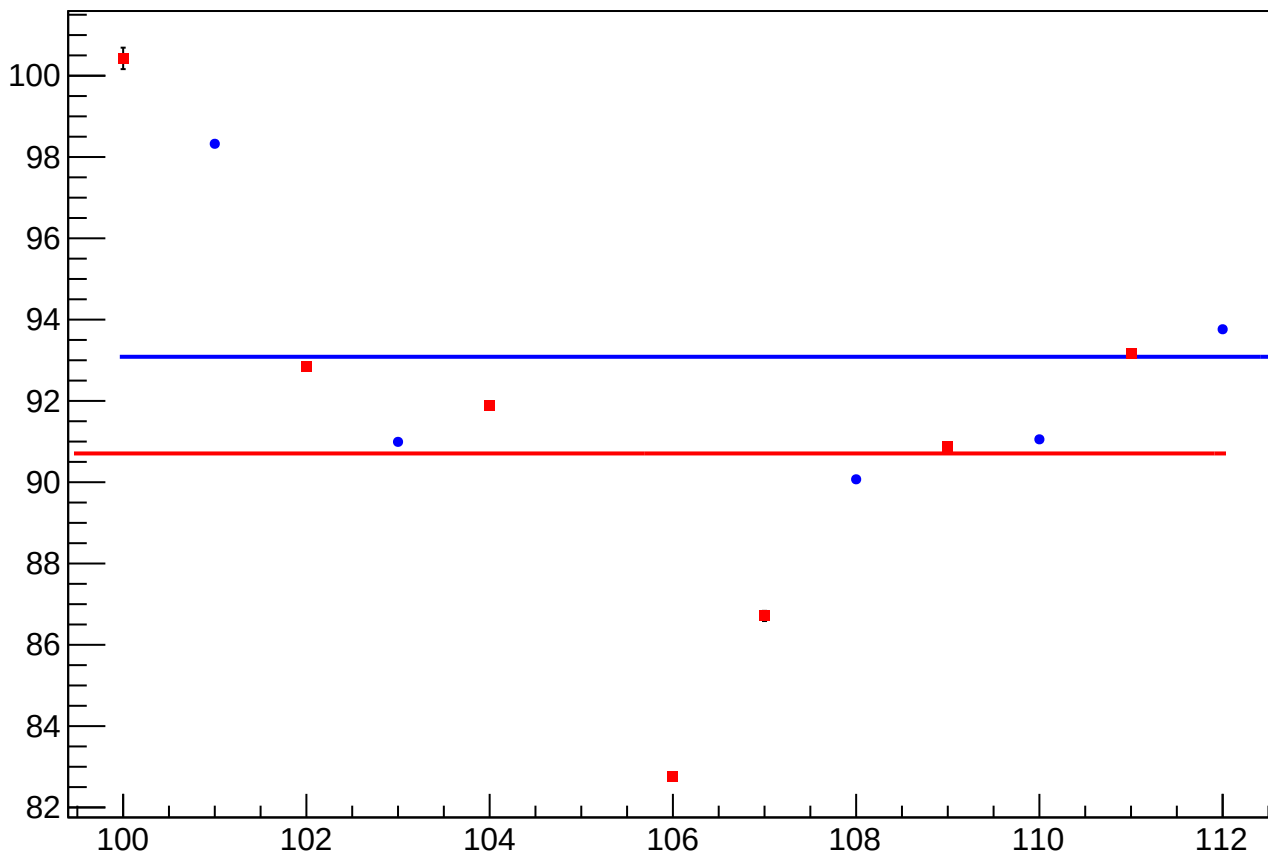
Right: 54.486+/-40.001 χ^2/NDF : 10.9/11

In: 74.788+/-58.566 χ^2/NDF : 1.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.486+/-40.001 χ^2/NDF : 10.9/11

cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 93.086+/-0.041 χ^2/NDF : 5653.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.708+/-0.039 χ^2/NDF : 8853.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

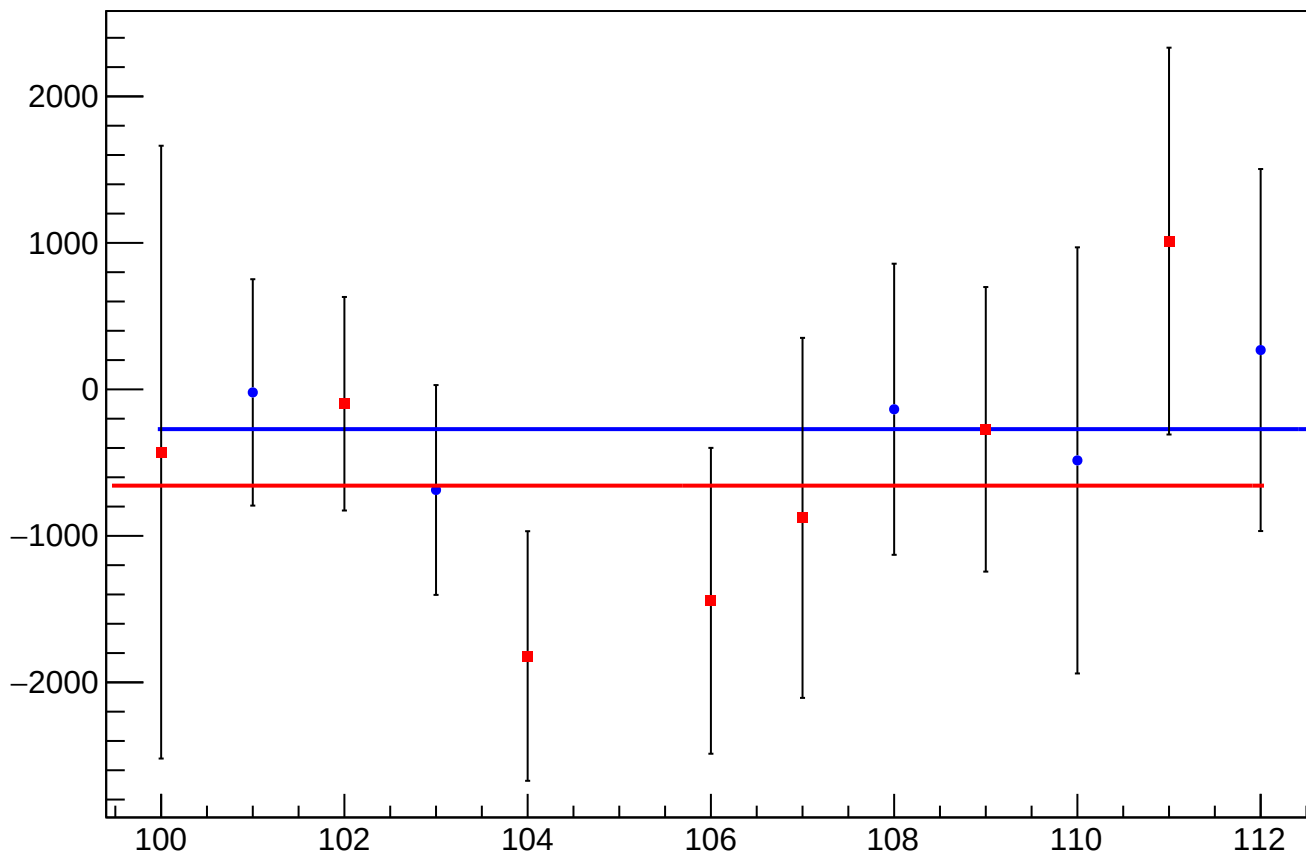
Right: 91.817+/-0.028 χ^2/NDF : 16266.8/11

In: 93.086+/-0.041 χ^2/NDF : 5653.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.817+/-0.028 χ^2/NDF : 16266.8/11

asym_sam_15_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -271.297+/-416.497 χ^2/NDF : 0.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -657.058+/-386.279 χ^2/NDF : 4.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

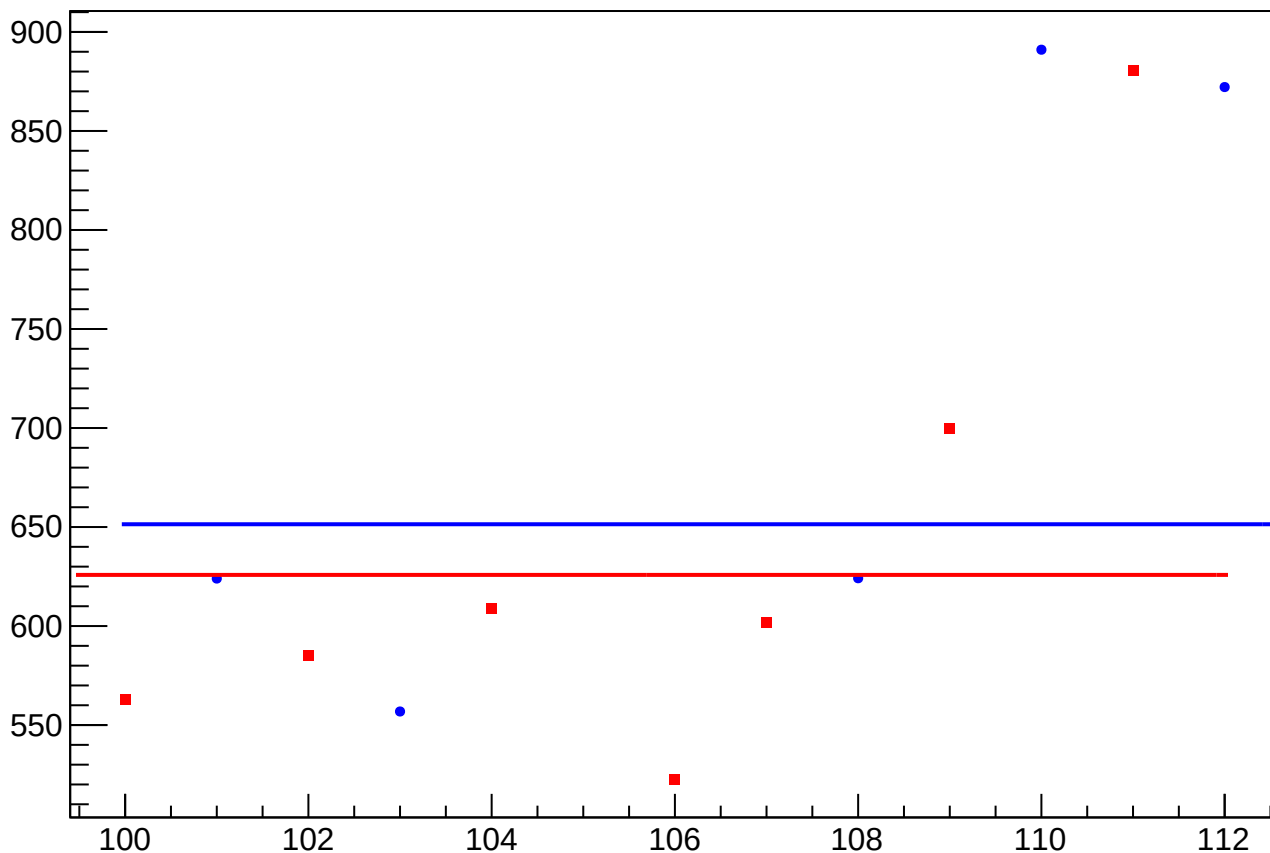
Right: -478.678+/-283.222 χ^2/NDF : 6.0/11

In: -271.297+/-416.497 χ^2/NDF : 0.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -478.678+/-283.222 χ^2/NDF : 6.0/11

asym_sam_15_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 651.402+/-0.295 χ^2/NDF : 157003.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 625.825+/-0.273 χ^2/NDF : 115301.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

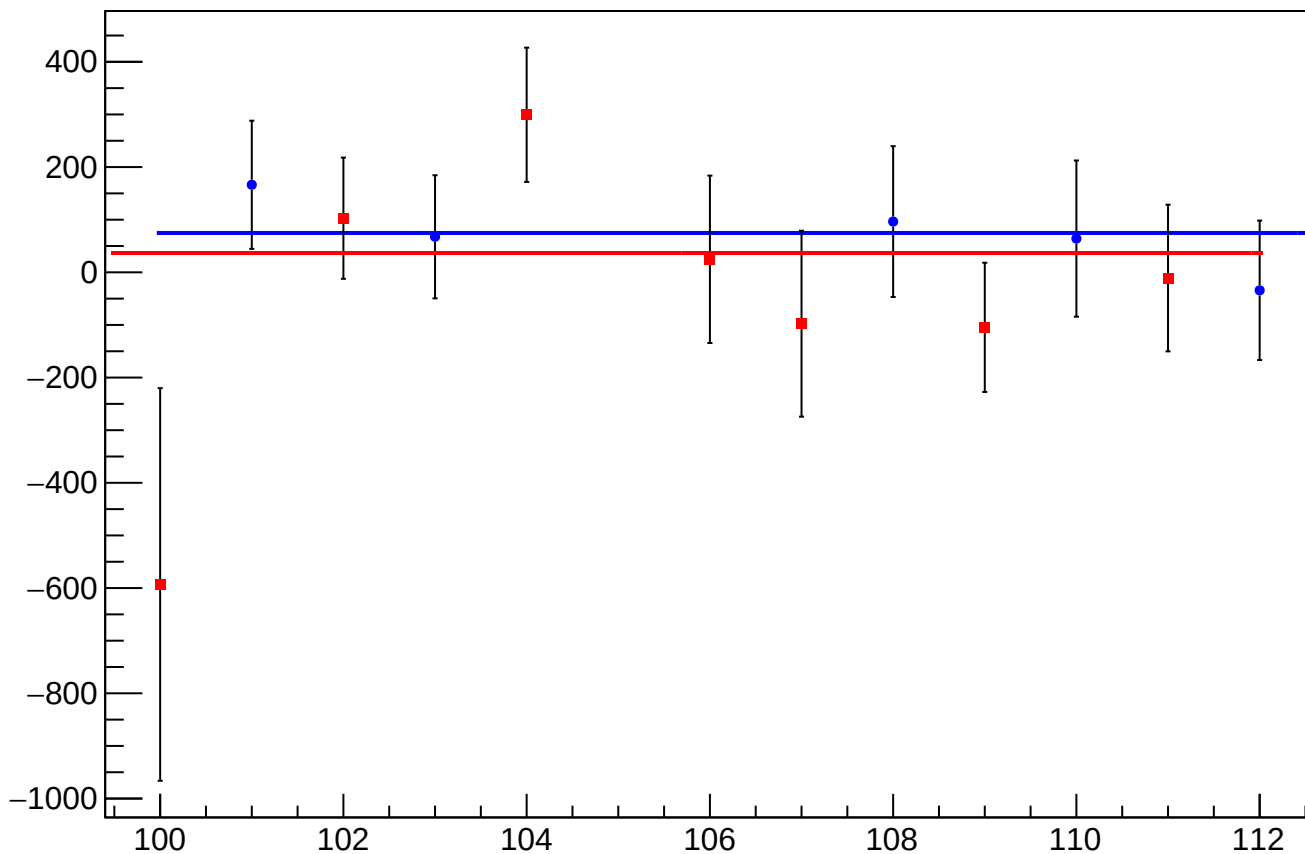
Right: 637.652+/-0.200 χ^2/NDF : 276359.4/11

In: 651.402+/-0.295 χ^2/NDF : 157003.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 637.652+/-0.200 χ^2/NDF : 276359.4/11

eigen_cor_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 74.788+/-58.566 χ^2/NDF : 1.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.734+/-54.764 χ^2/NDF : 9.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

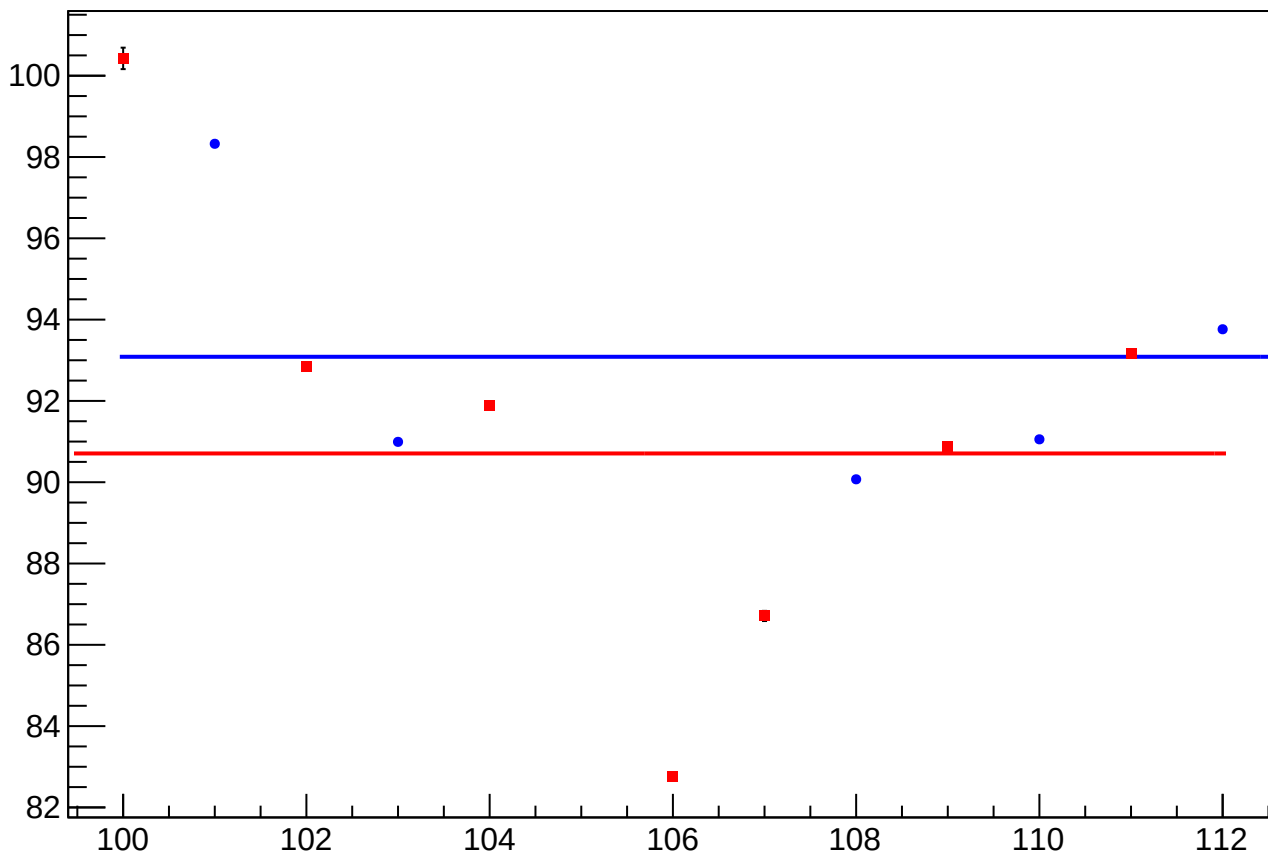
Right: 54.486+/-40.001 χ^2/NDF : 10.9/11

In: 74.788+/-58.566 χ^2/NDF : 1.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.486+/-40.001 χ^2/NDF : 10.9/11

eigen_cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 93.086+/-0.041 χ^2/NDF : 5653.6/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 90.708+/-0.039 χ^2/NDF : 8853.8/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

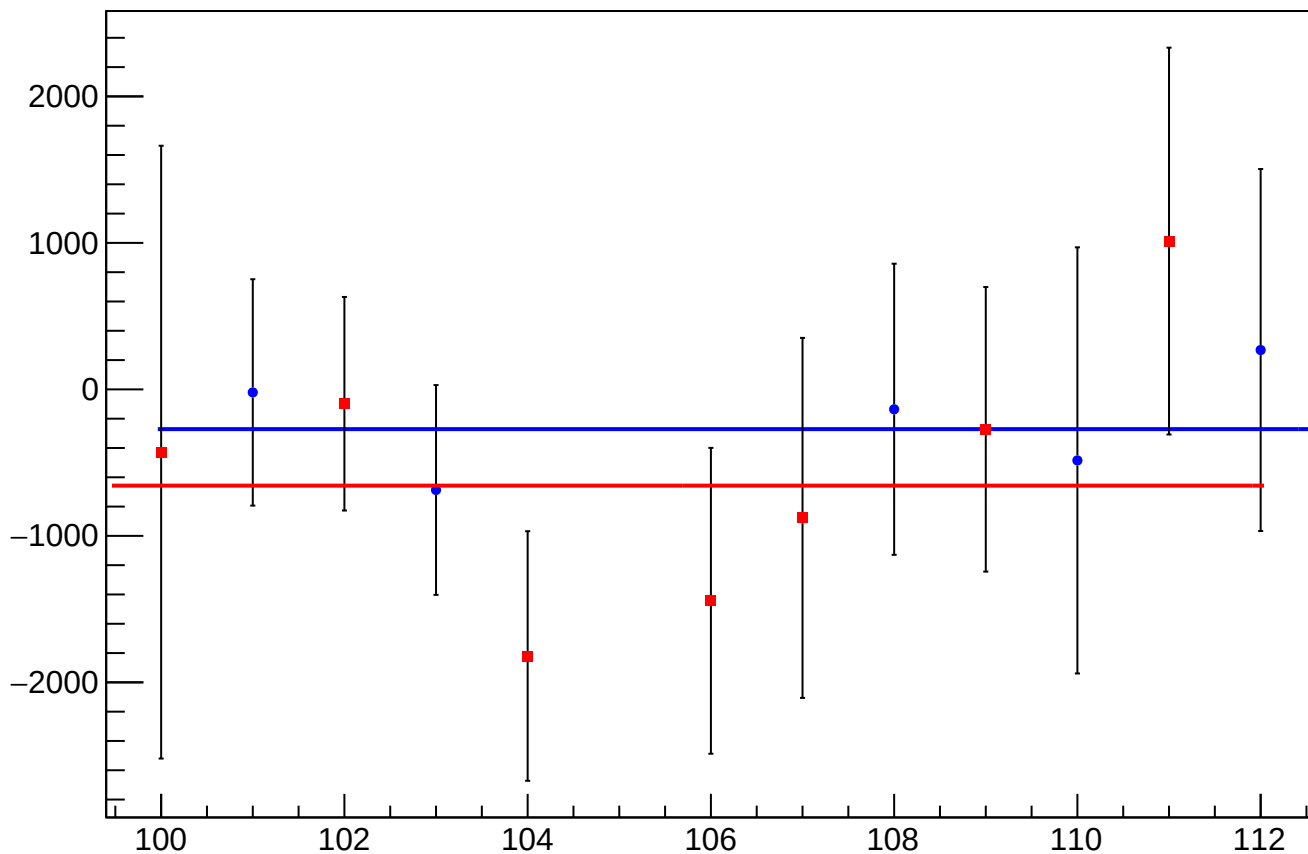
Right: 91.817+/-0.028 χ^2/NDF : 16266.8/11

In: 93.086+/-0.041 χ^2/NDF :5653.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 91.817+/-0.028 χ^2/NDF : 16266.8/11

asym_sam_15_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -271.297+/-416.497 χ^2 /NDF: 0.7/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -657.058+/-386.279 χ^2 /NDF: 4.8/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

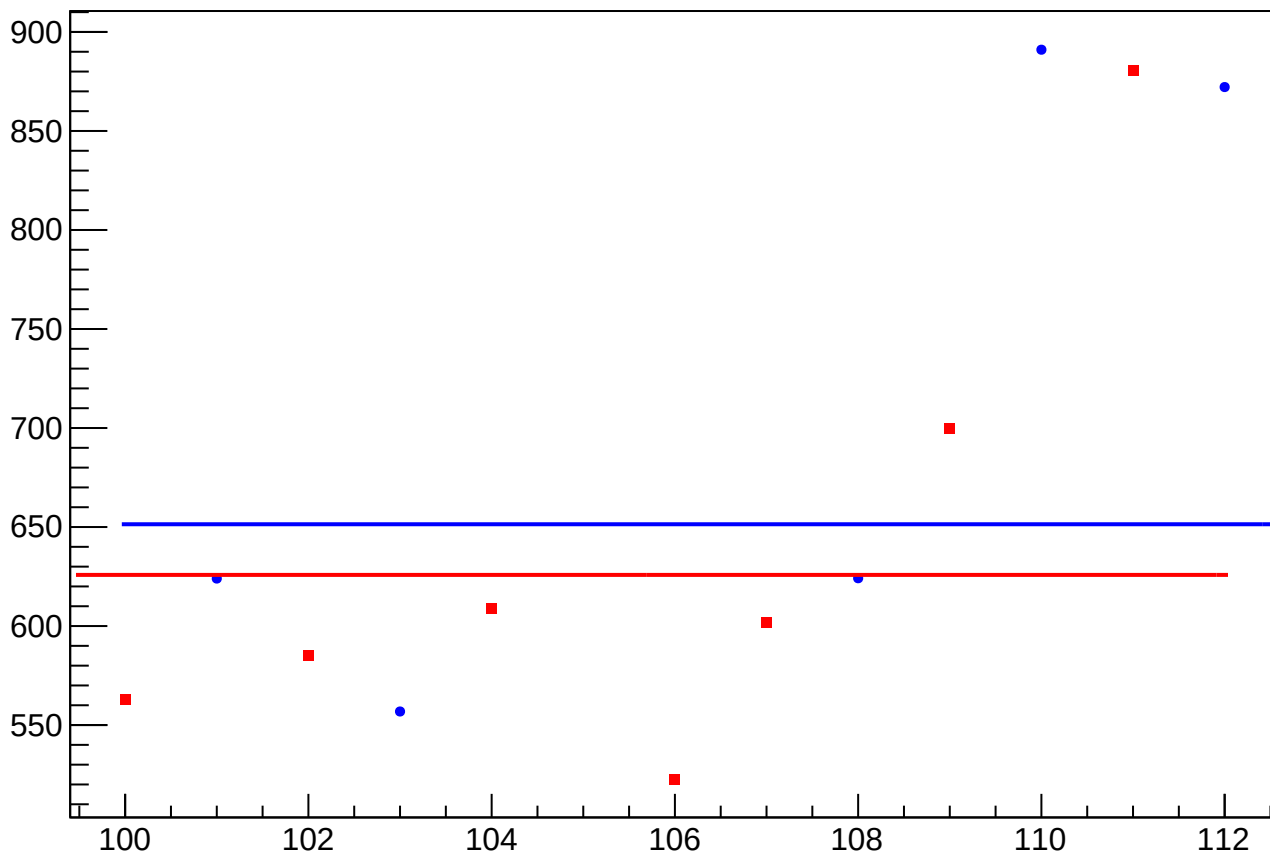
Right: -478.678+/-283.222 χ^2 /NDF: 6.0/11

In: -271.297+/-416.497 χ^2 /NDF:0.7/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -478.678+/-283.222 χ^2 /NDF: 6.0/11

asym_sam_15_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 651.402+/-0.295 χ^2/NDF : 157003.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 625.825+/-0.273 χ^2/NDF : 115301.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

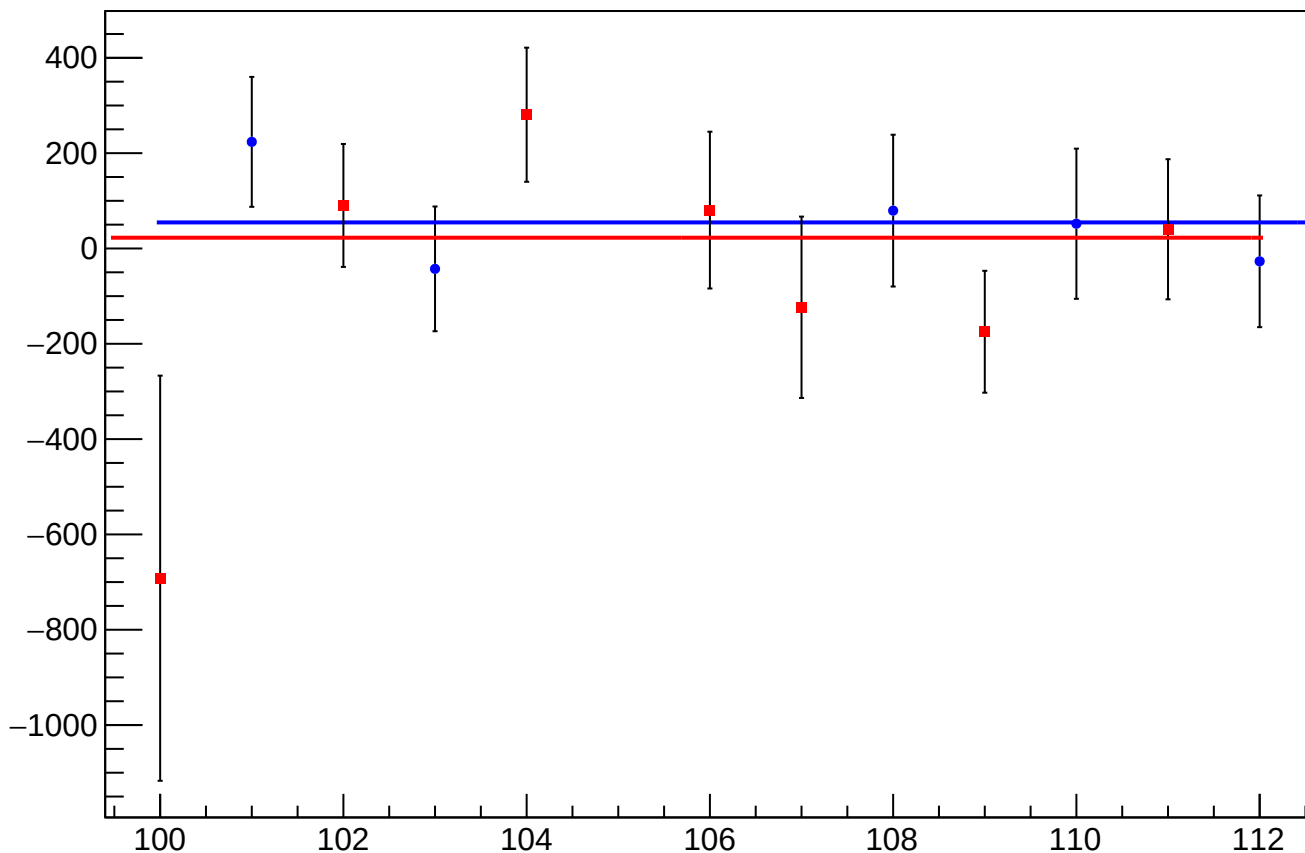
Right: 637.652+/-0.200 χ^2/NDF : 276359.4/11

In: 651.402+/-0.295 χ^2/NDF : 157003.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 637.652+/-0.200 χ^2/NDF : 276359.4/11

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 54.688+/-63.983 χ^2/NDF : 2.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.611+/-58.908 χ^2/NDF : 9.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

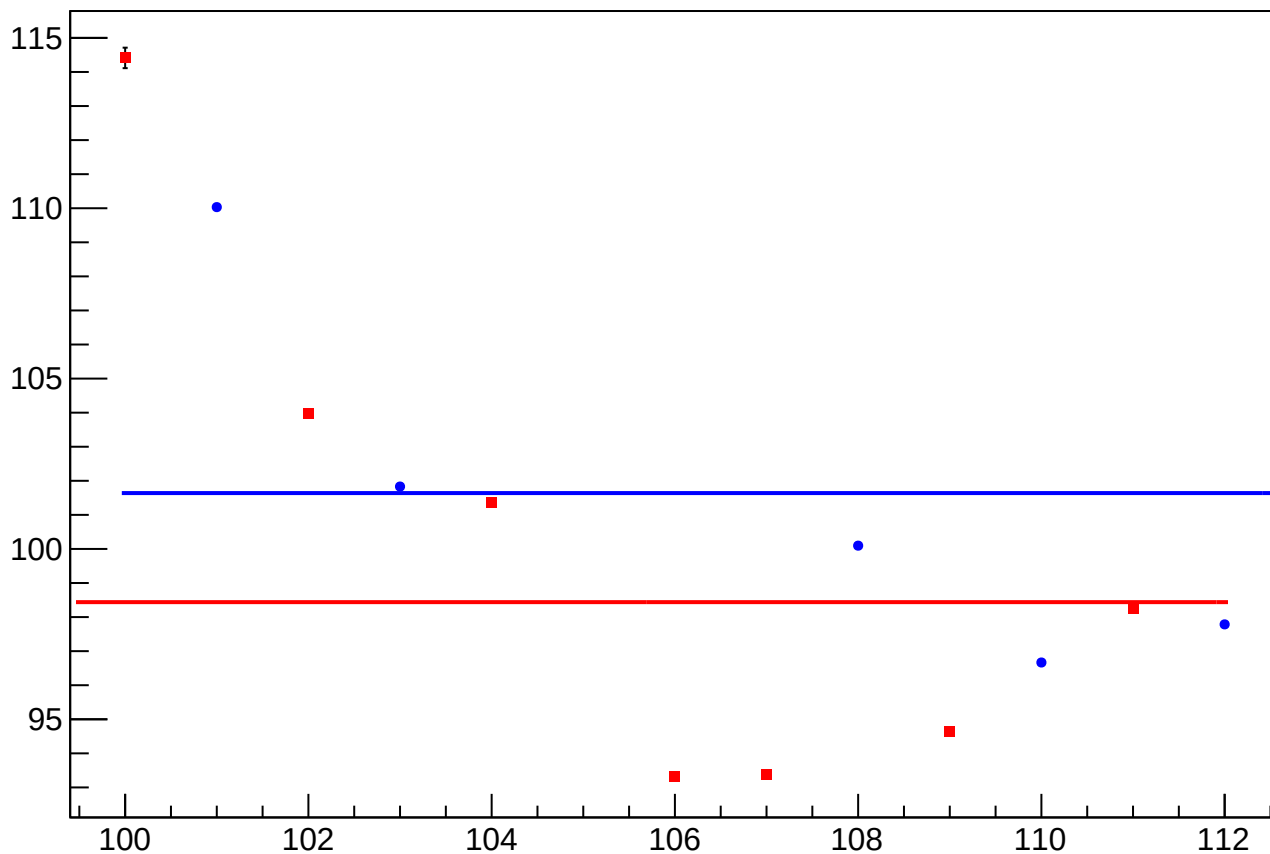
Right: 37.327+/-43.337 χ^2/NDF : 12.2/11

In: 54.688+/-63.983 χ^2/NDF : 2.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.327+/-43.337 χ^2/NDF : 12.2/11

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 101.640 $\pm$ 0.045 χ^2 /NDF: 11323.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 98.439 $\pm$ 0.042 χ^2 /NDF: 12501.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

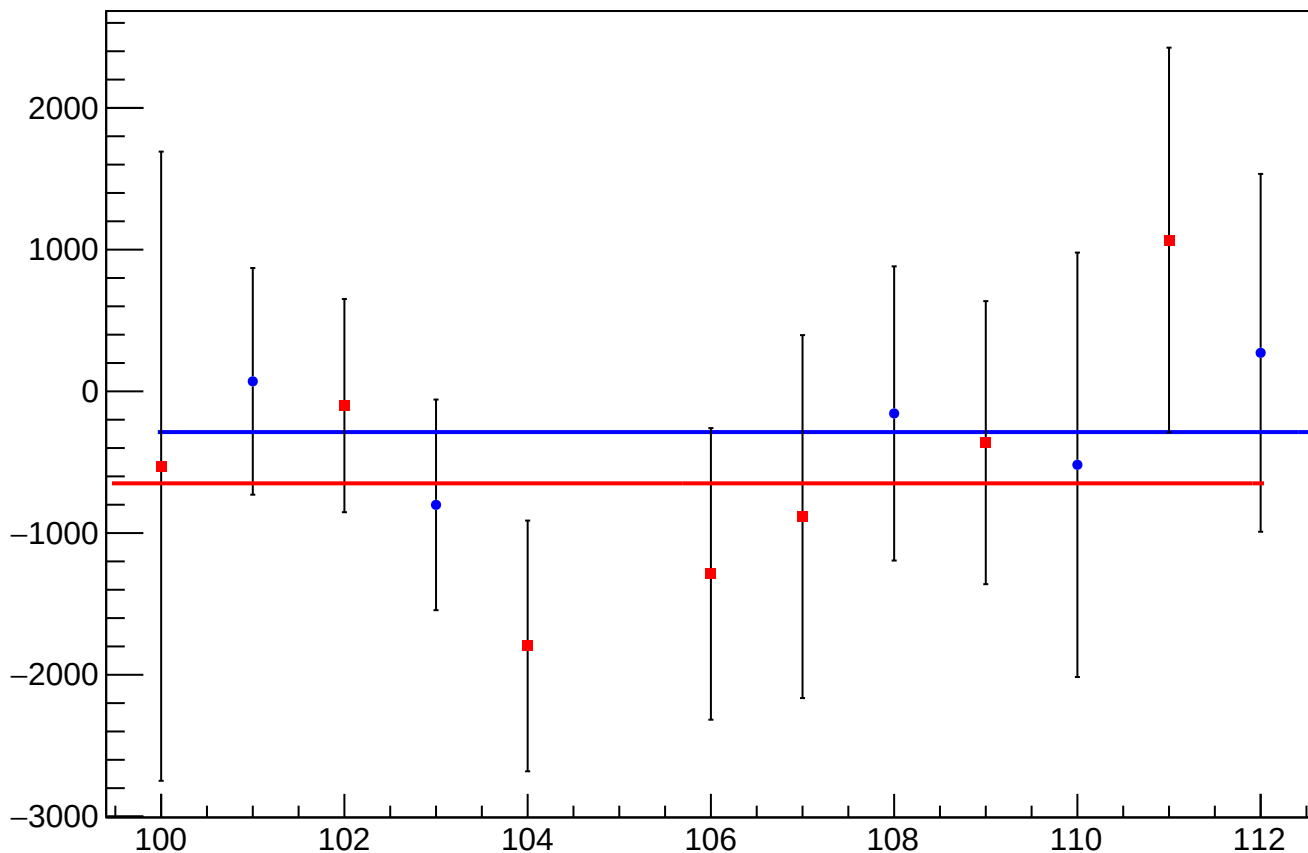
Right: 99.907 $\pm$ 0.031 χ^2 /NDF: 26534.9/11

In: 101.640 $\pm$ 0.045 χ^2 /NDF:11323.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 99.907 $\pm$ 0.031 χ^2 /NDF: 26534.9/11

asym_sam_15_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -287.419+/-431.317 χ^2/NDF : 0.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -649.063+/-396.888 χ^2/NDF : 4.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

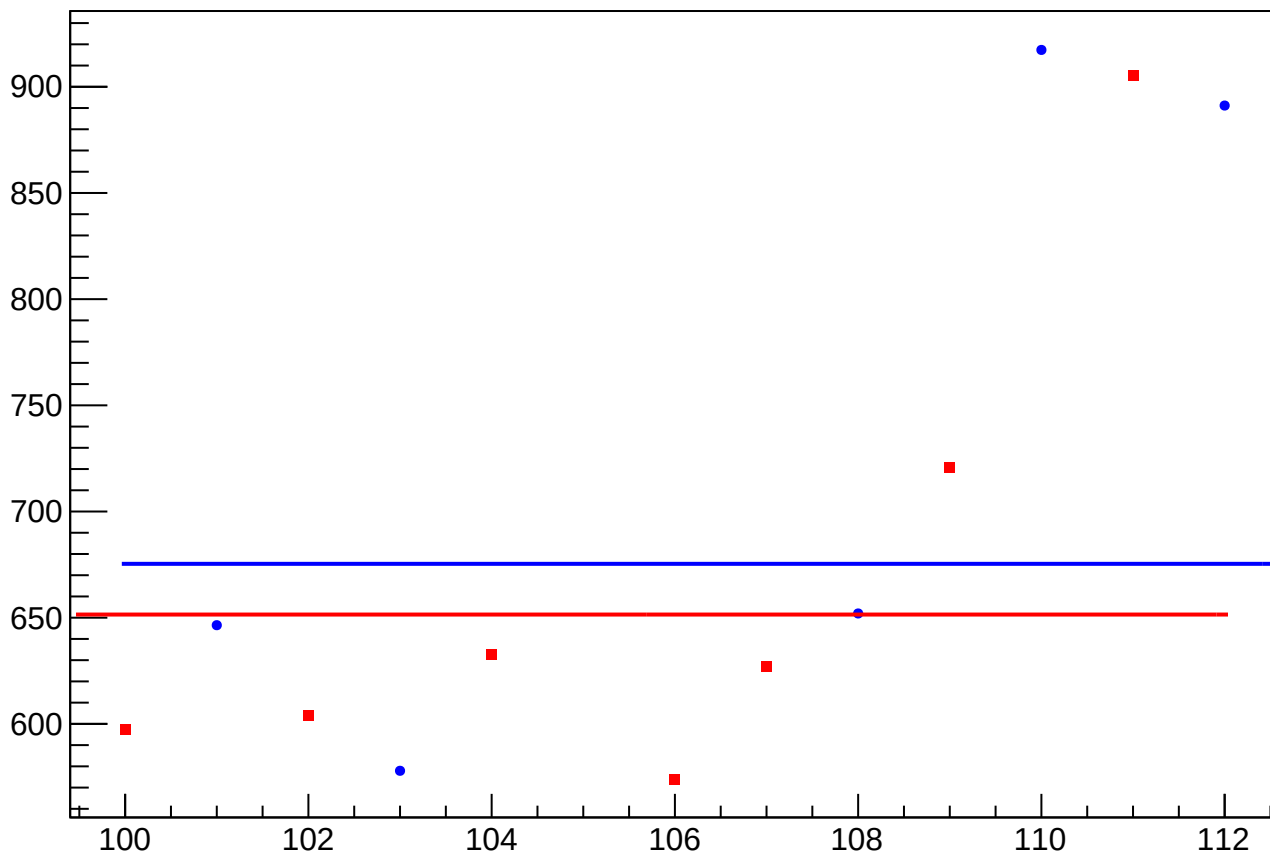
Right: -483.249+/-292.056 χ^2/NDF : 5.6/11

In: -287.419+/-431.317 χ^2/NDF : 0.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -483.249+/-292.056 χ^2/NDF : 5.6/11

asym_sam_15_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 675.365+/-0.305 χ^2/NDF : 148681.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 651.484+/-0.281 χ^2/NDF : 101730.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

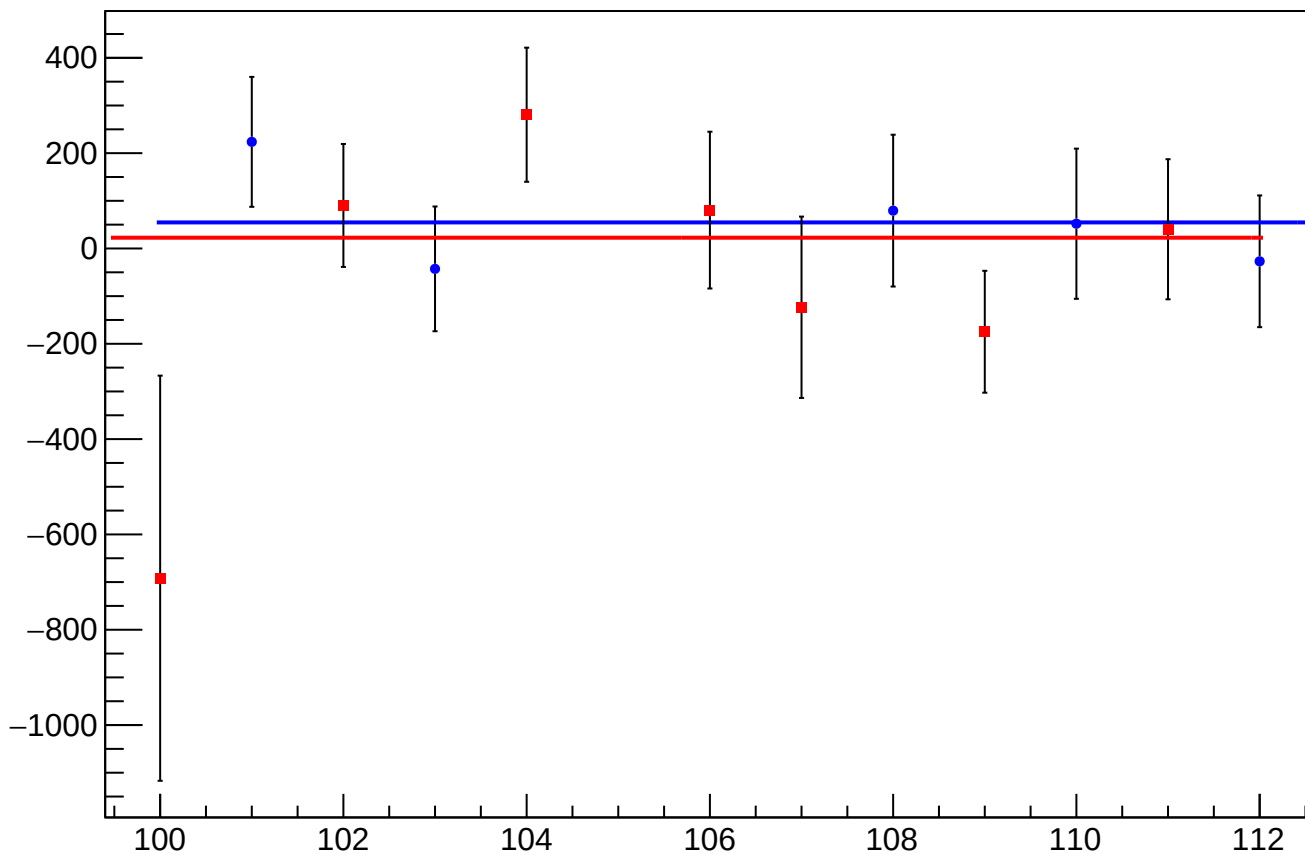
Right: 662.433+/-0.207 χ^2/NDF : 253732.1/11

In: 675.365+/-0.305 χ^2/NDF : 148681.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 662.433+/-0.207 χ^2/NDF : 253732.1/11

eigen_dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 54.688+/-63.983 χ^2/NDF : 2.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.610+/-58.908 χ^2/NDF : 9.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

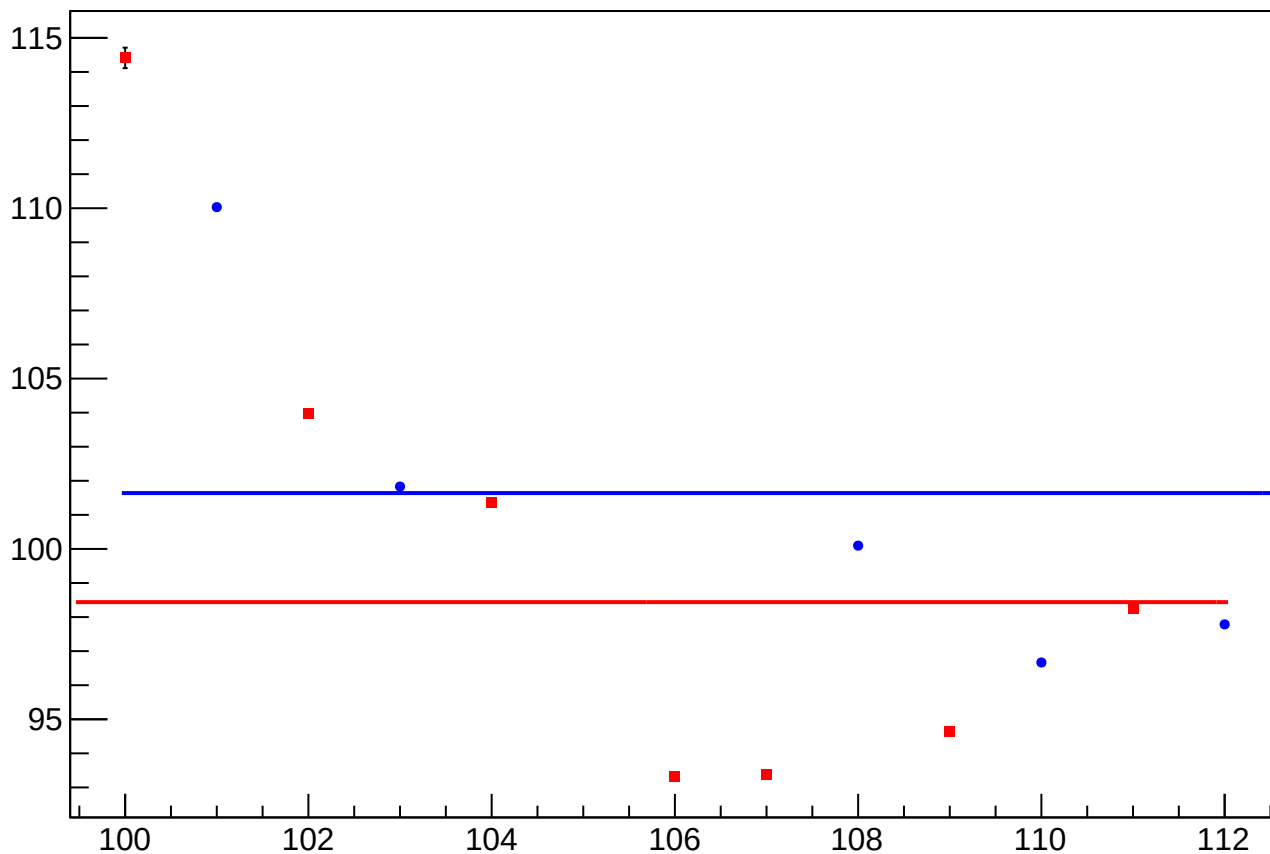
Right: 37.327+/-43.337 χ^2/NDF : 12.2/11

In: 54.688+/-63.983 χ^2/NDF : 2.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.327+/-43.337 χ^2/NDF : 12.2/11

eigen_dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 101.640 $\pm$ 0.045 χ^2 /NDF: 11323.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 98.438 $\pm$ 0.042 χ^2 /NDF: 12501.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

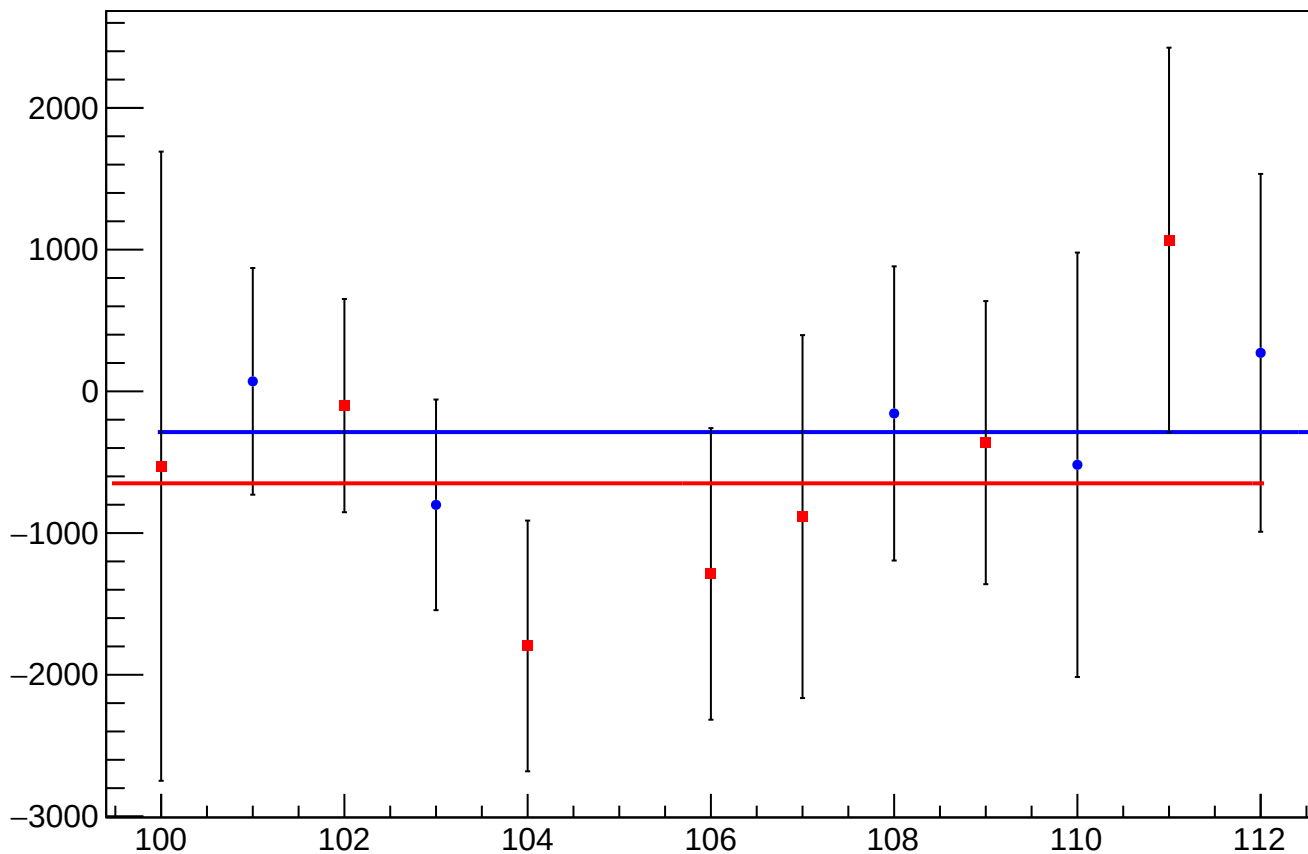
Right: 99.907 $\pm$ 0.031 χ^2 /NDF: 26534.7/11

In: 101.640 $\pm$ 0.045 χ^2 /NDF:11323.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 99.907 $\pm$ 0.031 χ^2 /NDF: 26534.7/11

asym_sam_15_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -287.418+/-431.317 χ^2 /NDF: 0.9/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -649.063+/-396.887 χ^2 /NDF: 4.3/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

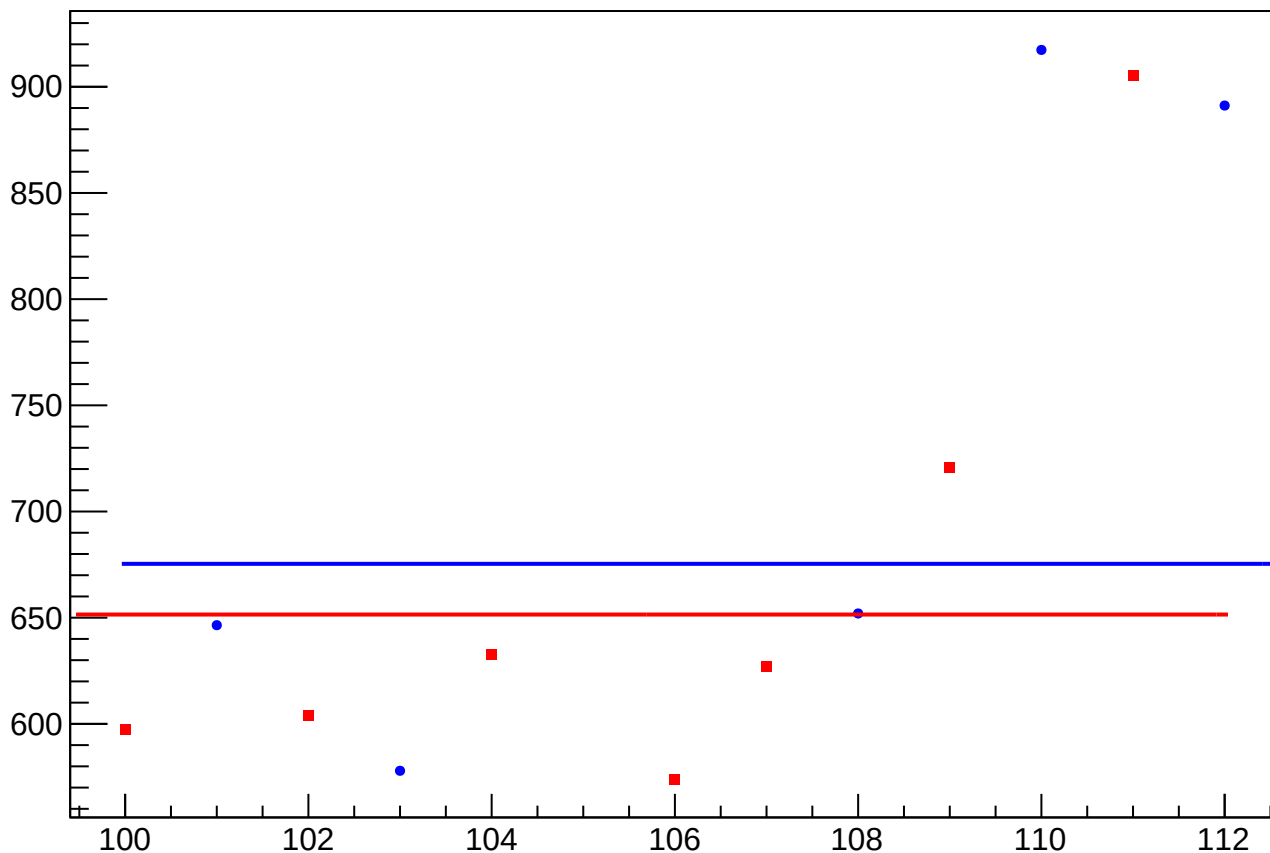
Right: -483.248+/-292.056 χ^2 /NDF: 5.6/11

In: -287.418+/-431.317 χ^2 /NDF:0.9/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -483.248+/-292.056 χ^2 /NDF: 5.6/11

asym_sam_15_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 675.364+/-0.305 χ^2/NDF : 148681.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 651.483+/-0.281 χ^2/NDF : 101730.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

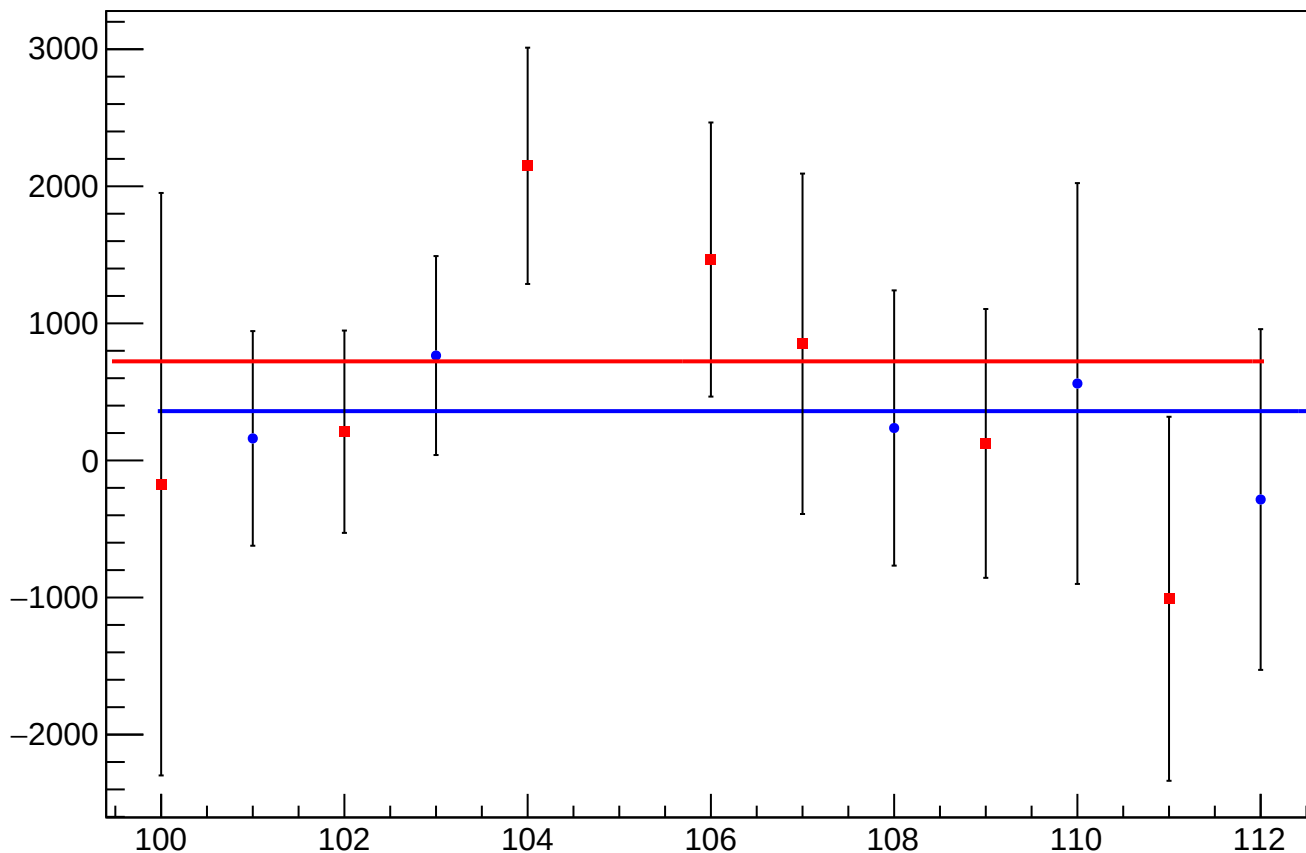
Right: 662.433+/-0.207 χ^2/NDF : 253731.5/11

In: 675.364+/-0.305 χ^2/NDF : 148681.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 662.433+/-0.207 χ^2/NDF : 253731.5/11

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 359.768 $\pm$ 421.184 χ^2 /NDF: 0.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 722.956 $\pm$ 387.513 χ^2 /NDF: 6.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

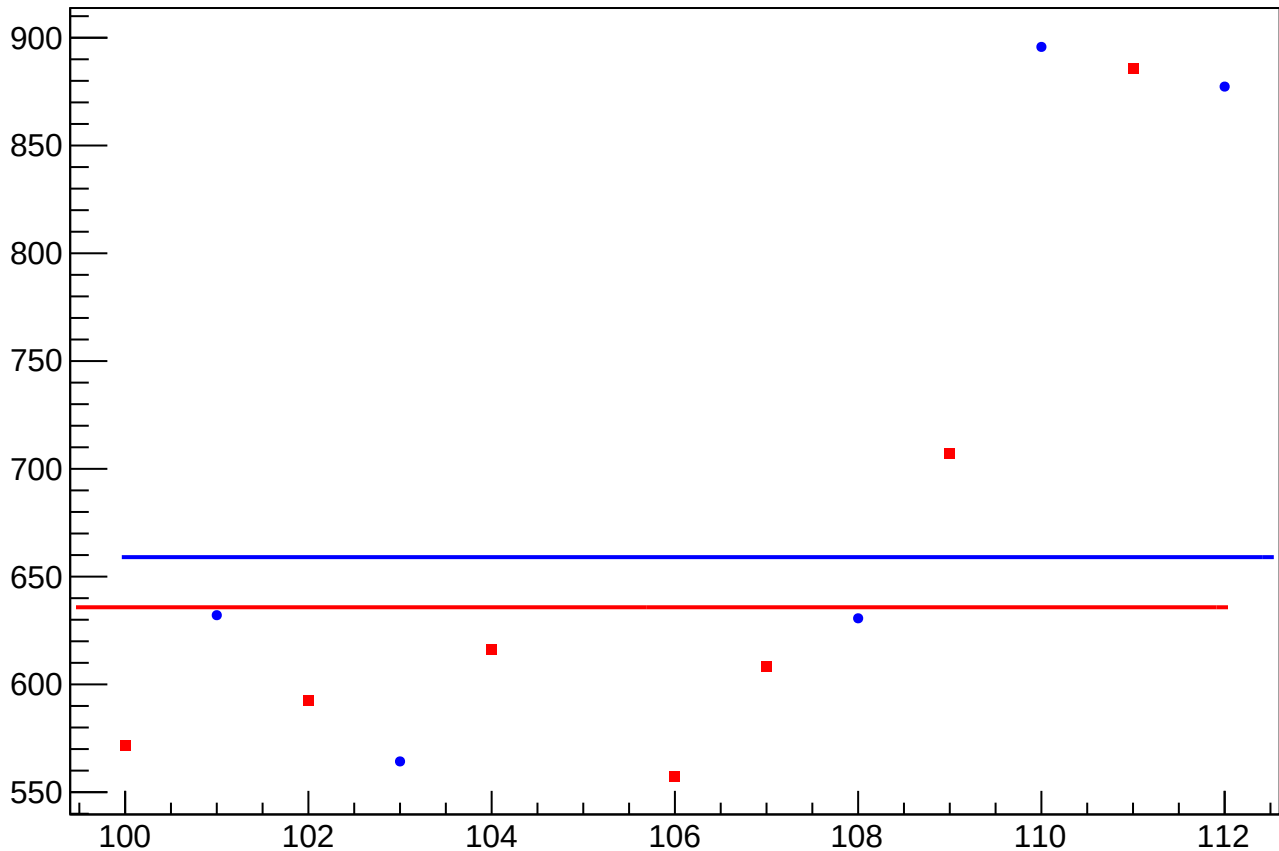
Right: 556.457 $\pm$ 285.175 χ^2 /NDF: 7.1/11

In: 359.768 $\pm$ 421.184 χ^2 /NDF:0.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 556.457 $\pm$ 285.175 χ^2 /NDF: 7.1/11

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 659.040 $\pm$ 0.298 χ^2 /NDF: 152176.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 635.783 $\pm$ 0.274 χ^2 /NDF: 104430.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

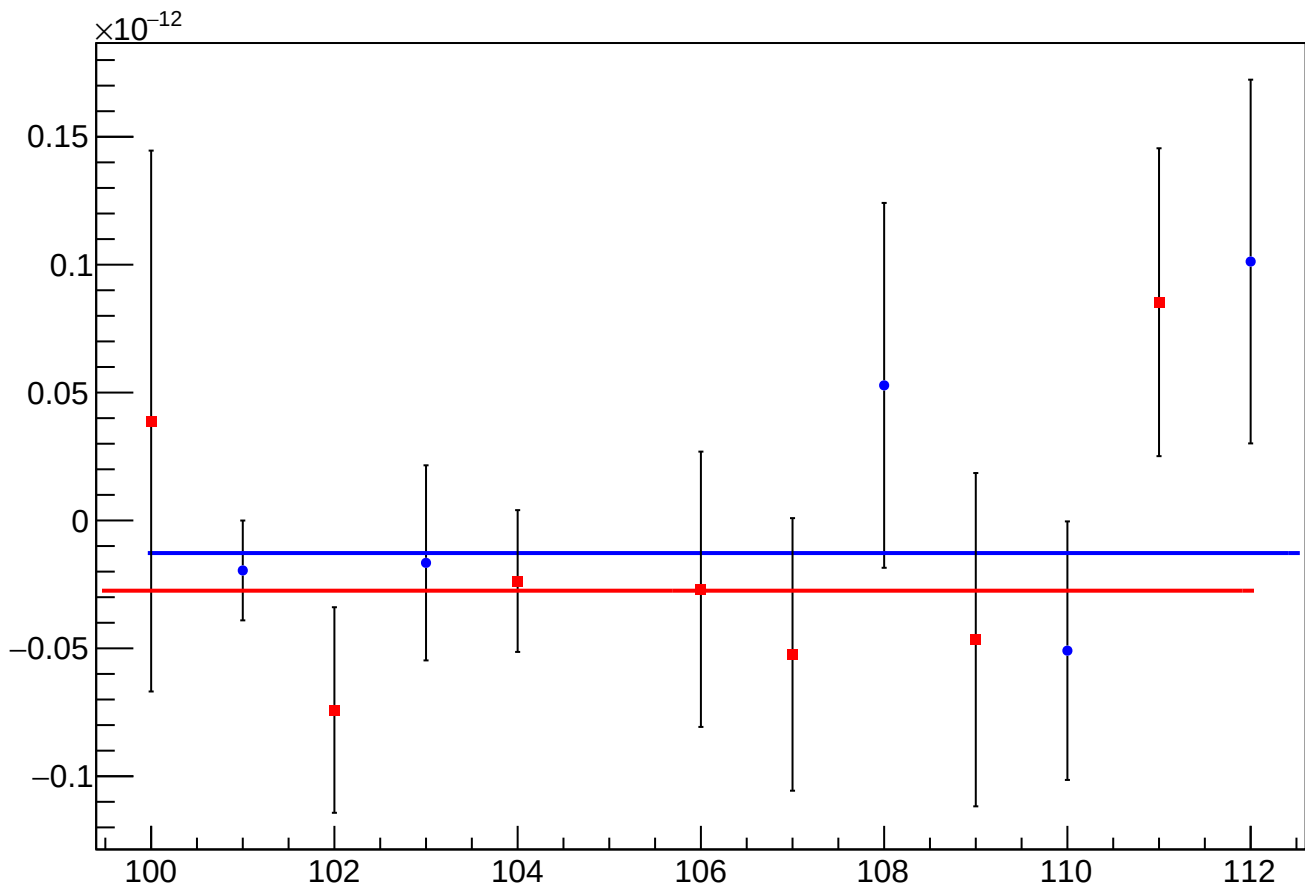
Right: 646.445 $\pm$ 0.202 χ^2 /NDF: 259909.7/11

In: 659.040 $\pm$ 0.298 χ^2 /NDF:152176.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 646.445 $\pm$ 0.202 χ^2 /NDF: 259909.7/11

asym_sam_15_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

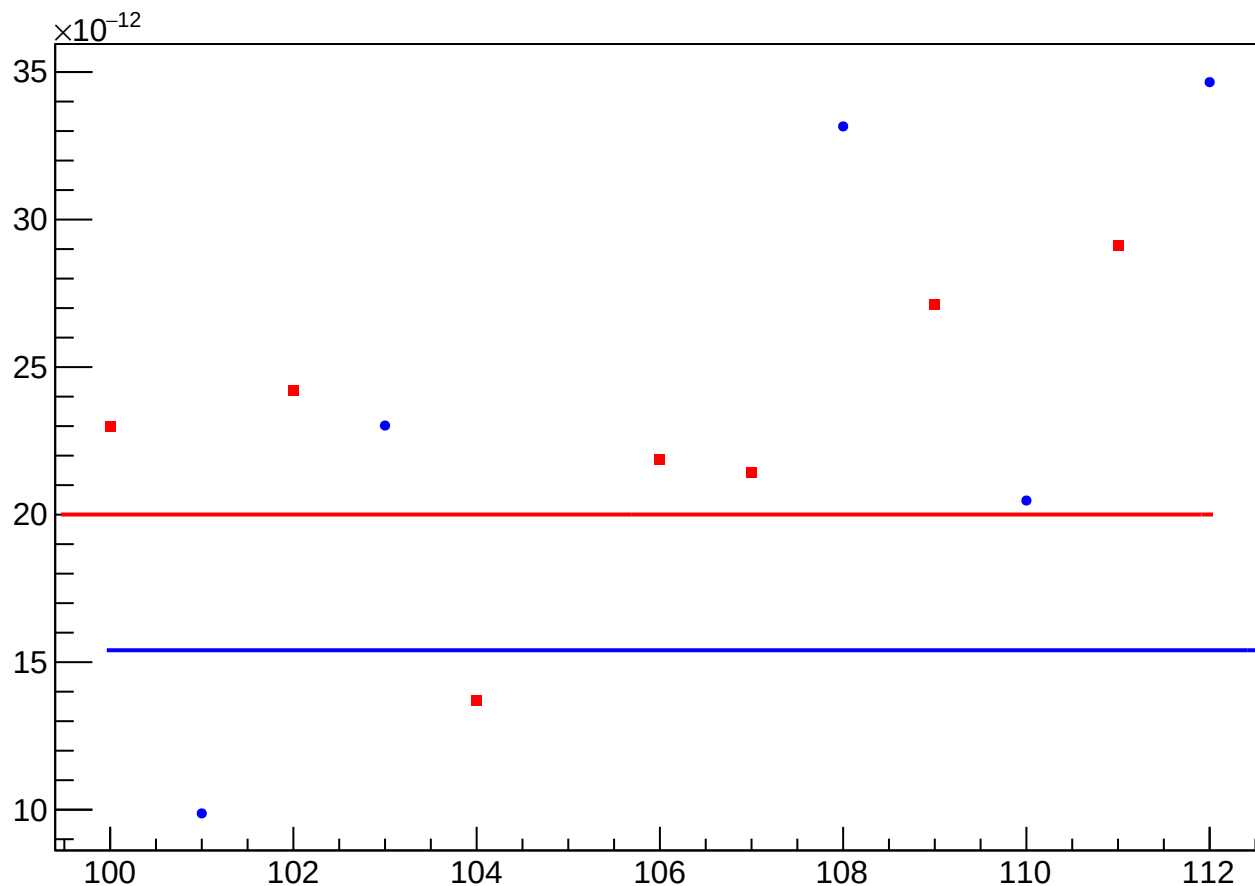
Right: -0.000+/-0.000 χ^2/NDF : 10.1/11

In: -0.000+/-0.000 χ^2/NDF : 4.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.1/11

asym_sam_15_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 531063.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 200173.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

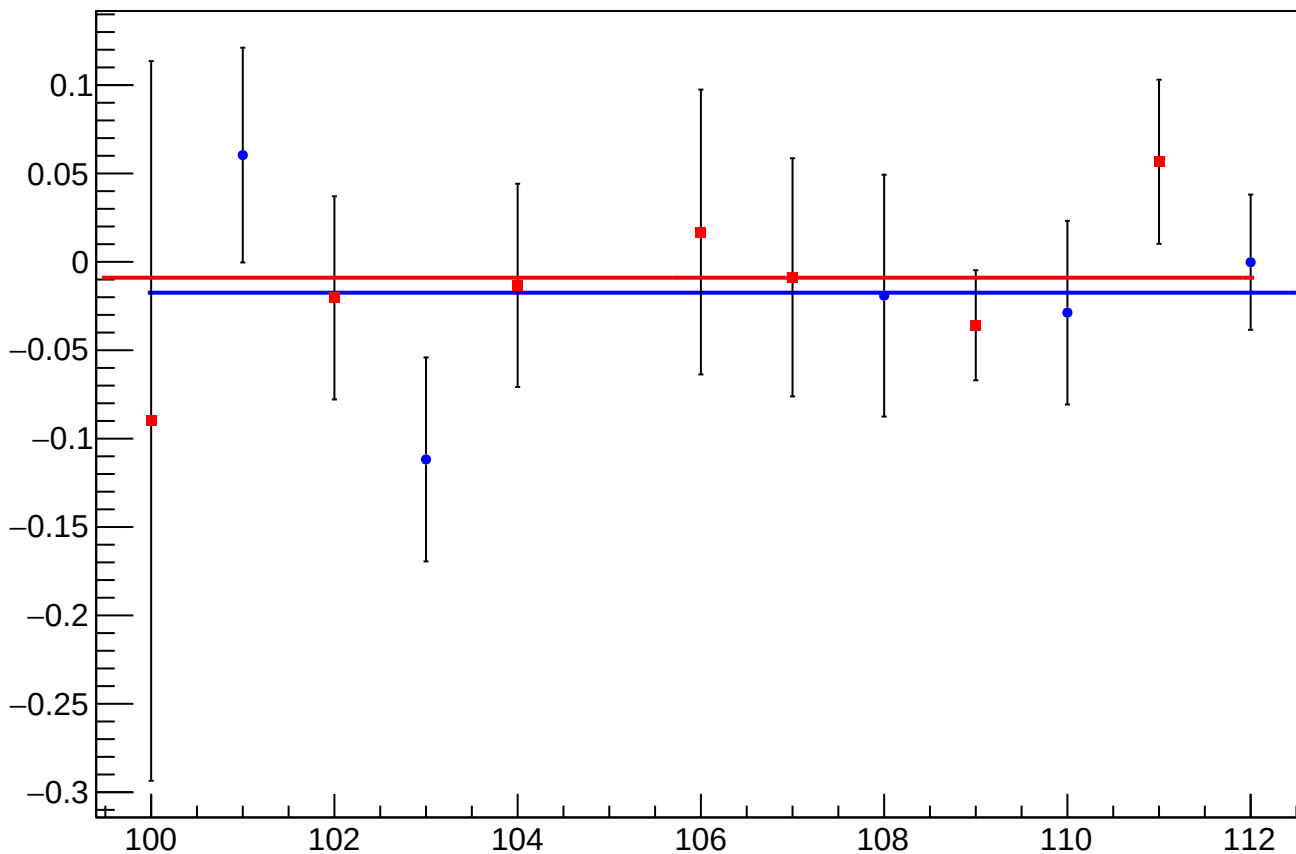
Right: 0.000+/-0.000 χ^2/NDF : 807564.0/11

In: 0.000+/-0.000 χ^2/NDF : 531063.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 807564.0/11

asym_sam_15_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017 $\pm$ 0.023 χ^2 /NDF: 4.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.009 $\pm$ 0.020 χ^2 /NDF: 3.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

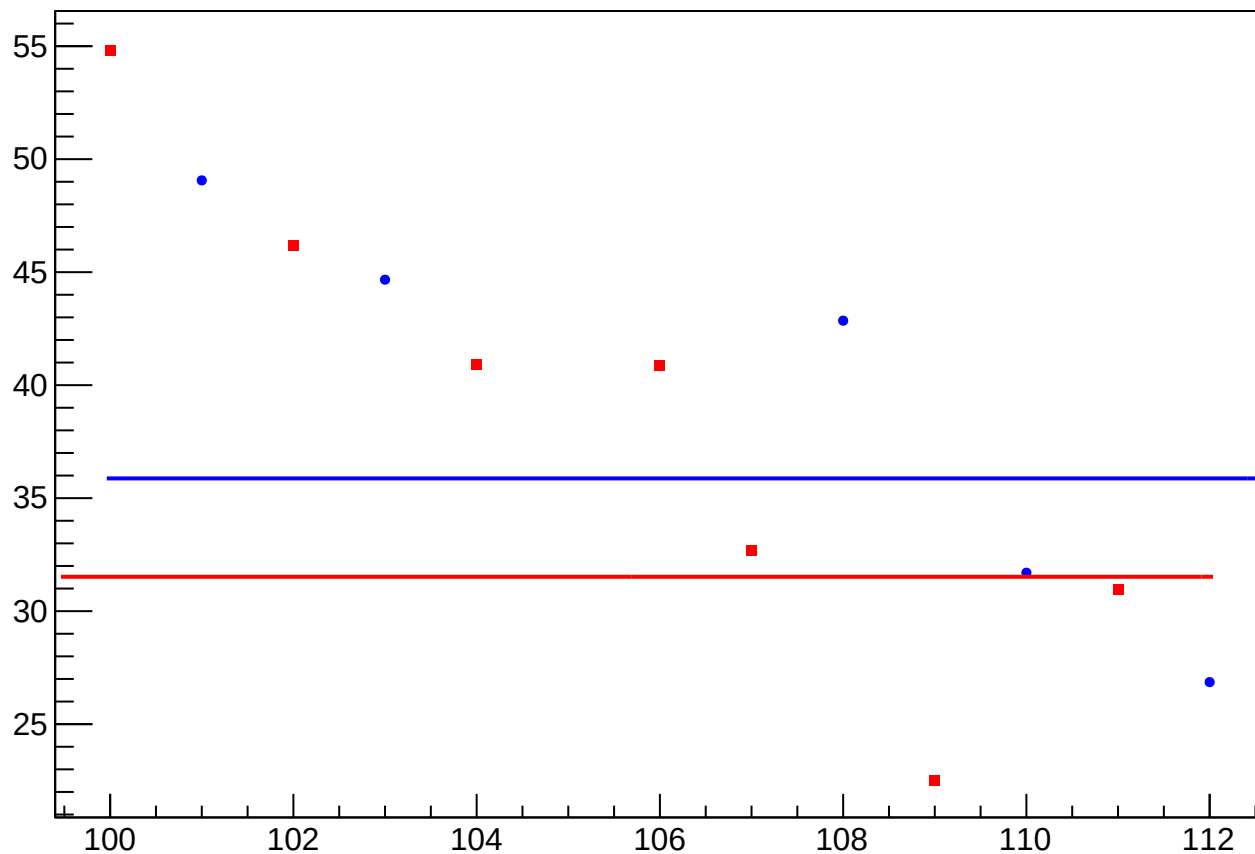
Right: -0.013 $\pm$ 0.015 χ^2 /NDF: 7.7/11

In: -0.017 $\pm$ 0.023 χ^2 /NDF:4.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.015 χ^2 /NDF: 7.7/11

asym_sam_15_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.873+/-0.016 χ^2/NDF : 285484.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.522+/-0.014 χ^2/NDF : 405314.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

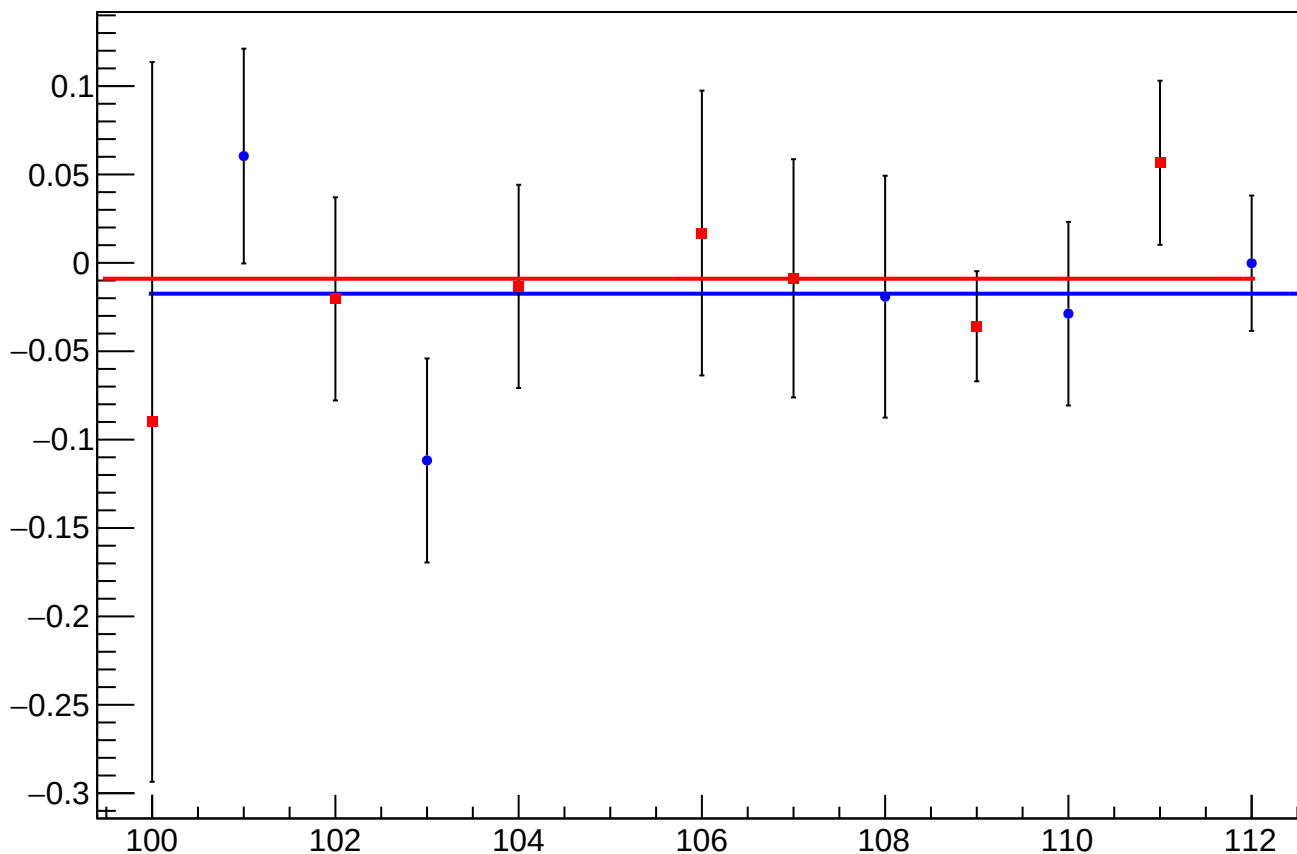
Right: 33.366+/-0.011 χ^2/NDF : 730915.8/11

In: 35.873+/-0.016 χ^2/NDF : 285484.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.366+/-0.011 χ^2/NDF : 730915.8/11

asym_sam_15_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017 $\pm$ 0.023 χ^2 /NDF: 4.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.009 $\pm$ 0.020 χ^2 /NDF: 3.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

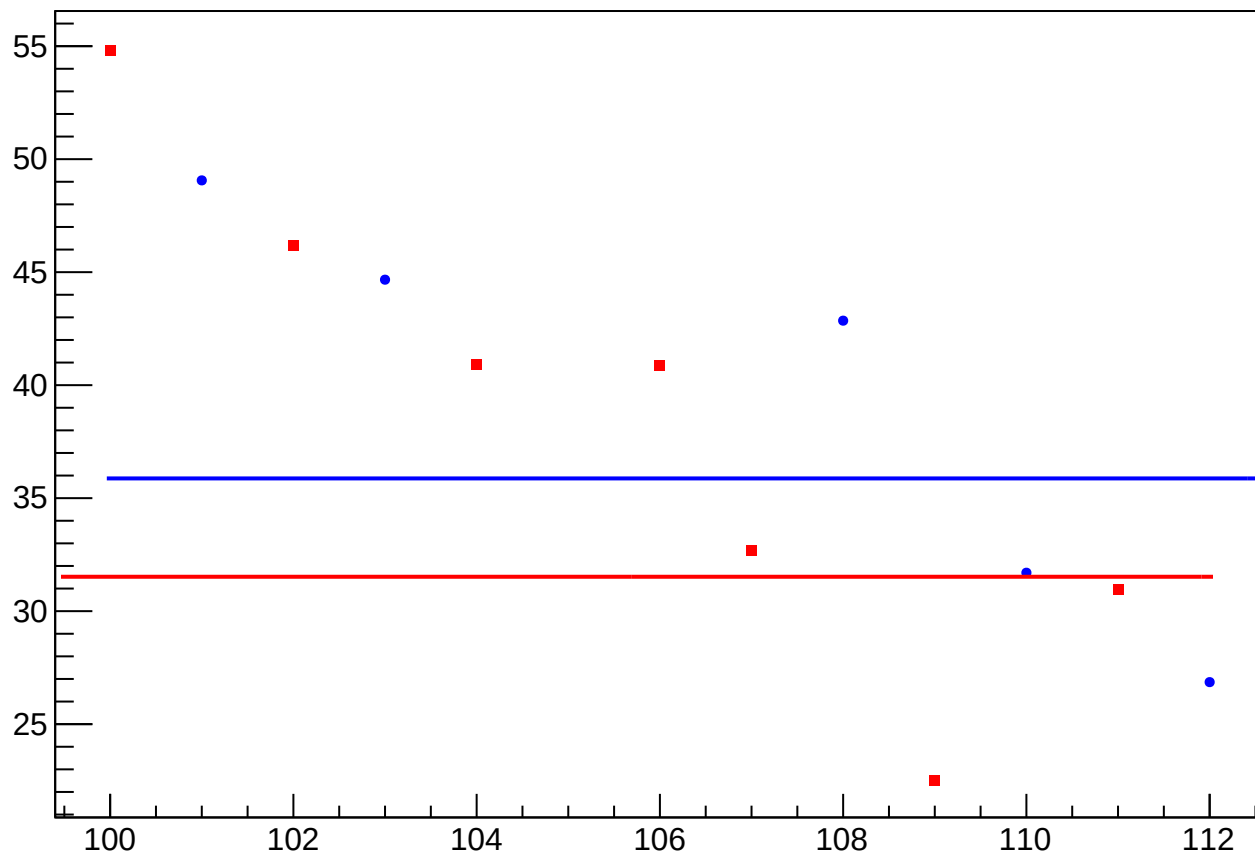
Right: -0.013 $\pm$ 0.015 χ^2 /NDF: 7.7/11

In: -0.017 $\pm$ 0.023 χ^2 /NDF:4.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.015 χ^2 /NDF: 7.7/11

asym_sam_15_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.873+/-0.016 χ^2/NDF : 285484.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.522+/-0.014 χ^2/NDF : 405314.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

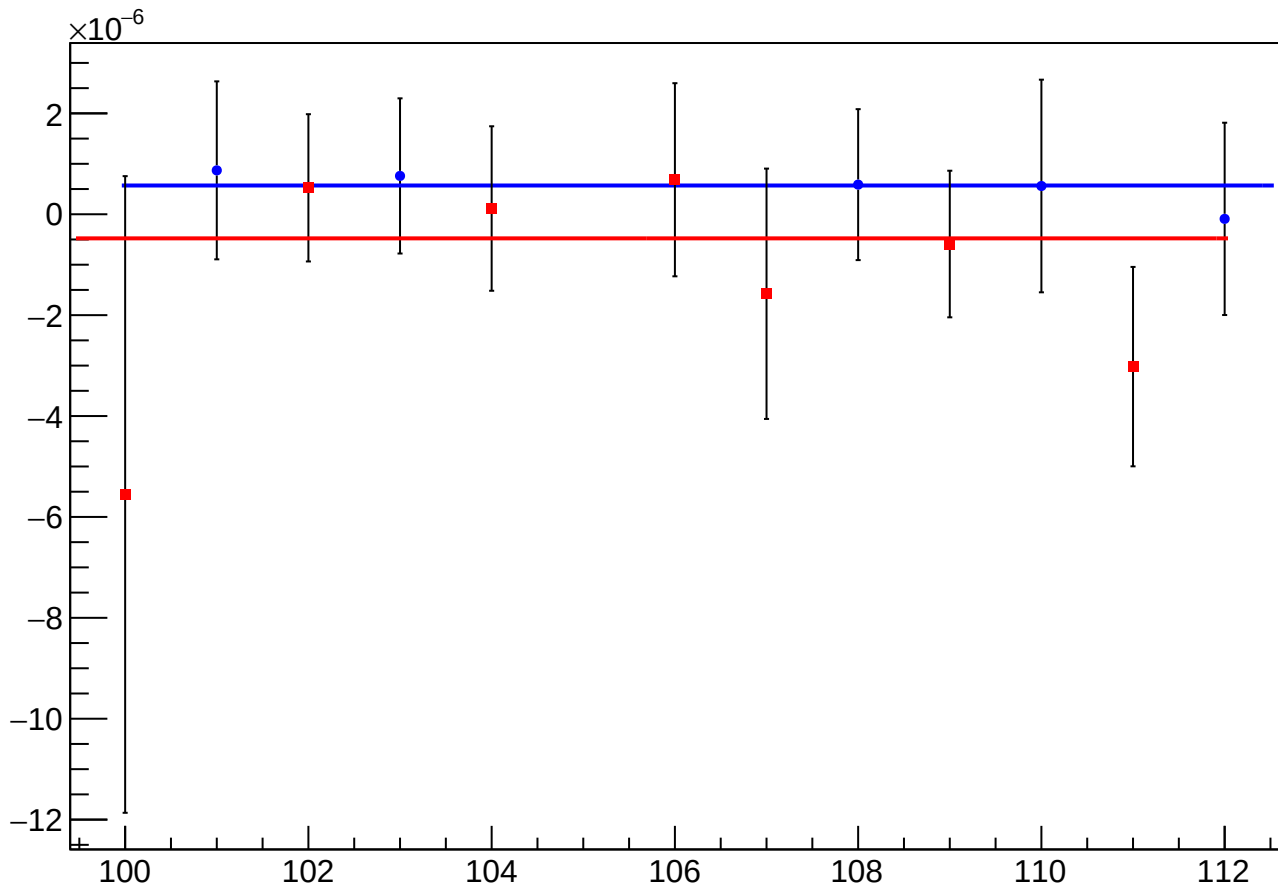
Right: 33.366+/-0.011 χ^2/NDF : 730915.8/11

In: 35.873+/-0.016 χ^2/NDF : 285484.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.366+/-0.011 χ^2/NDF : 730915.8/11

asym_sam_15_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

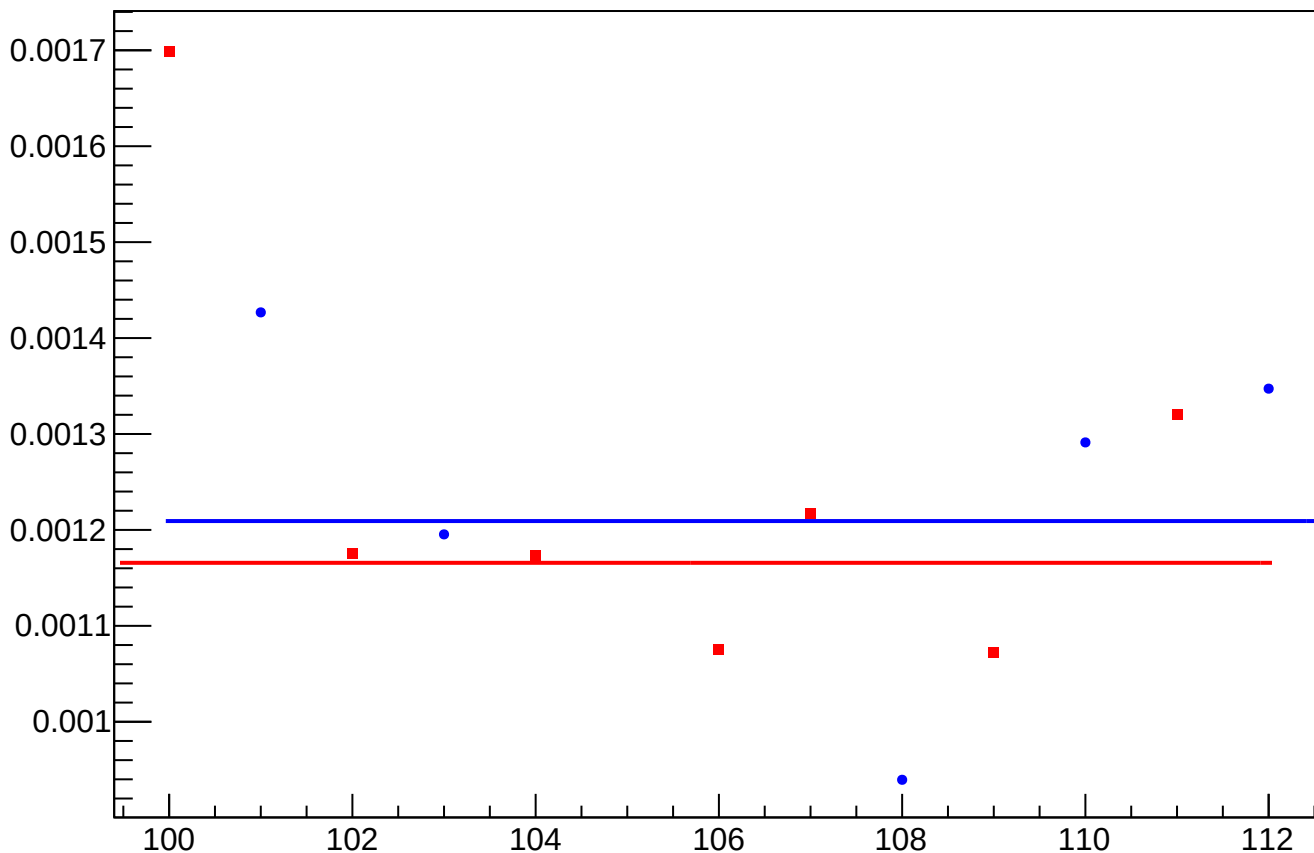
Right: -0.000+/-0.000 χ^2/NDF : 4.7/11

In: 0.000+/-0.000 χ^2/NDF : 0.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.7/11

asym_sam_15_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 109087.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 40204.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

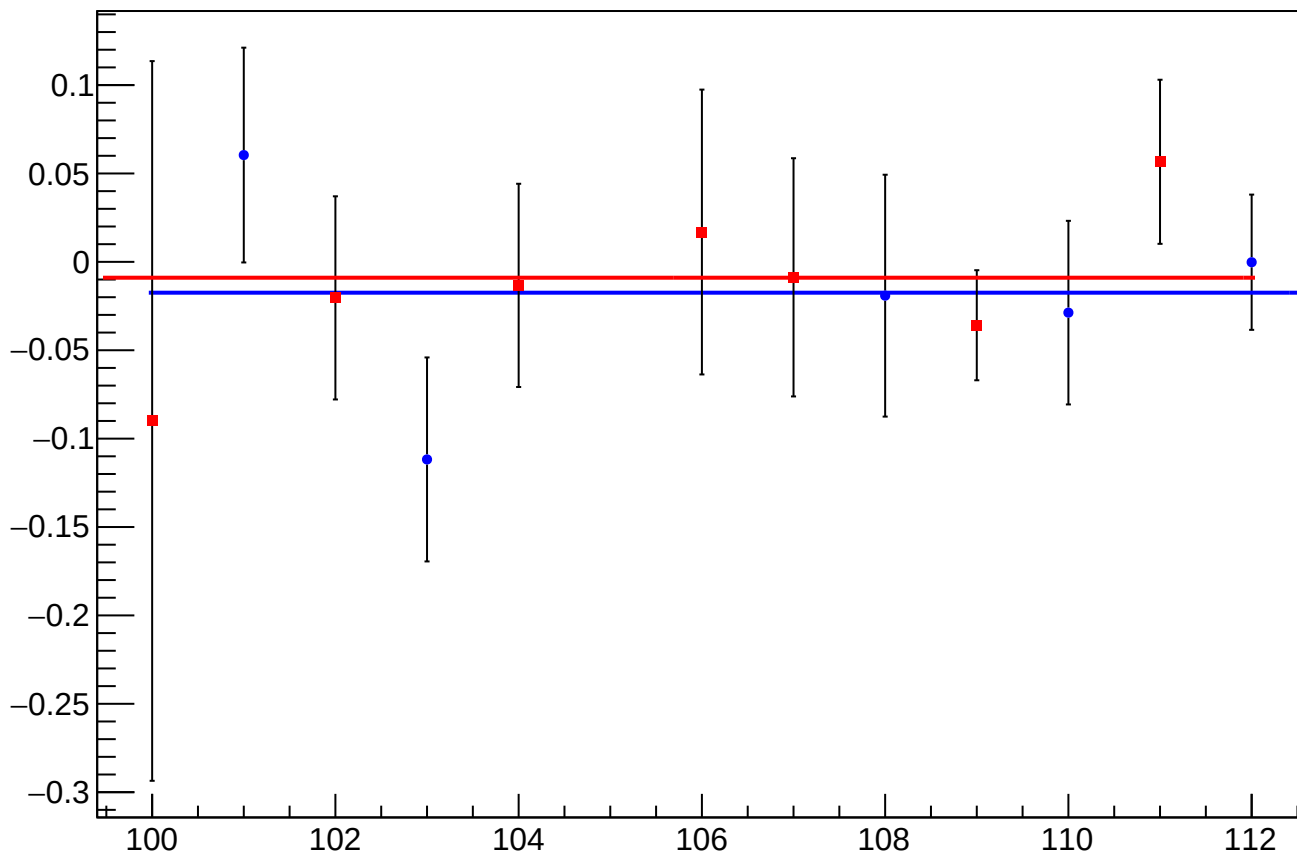
Right: 0.001+/-0.000 χ^2/NDF : 152794.8/11

In: 0.001+/-0.000 χ^2/NDF : 109087.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 152794.8/11

asym_sam_15_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017 $\pm$ 0.023 χ^2 /NDF: 4.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.009 $\pm$ 0.020 χ^2 /NDF: 3.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

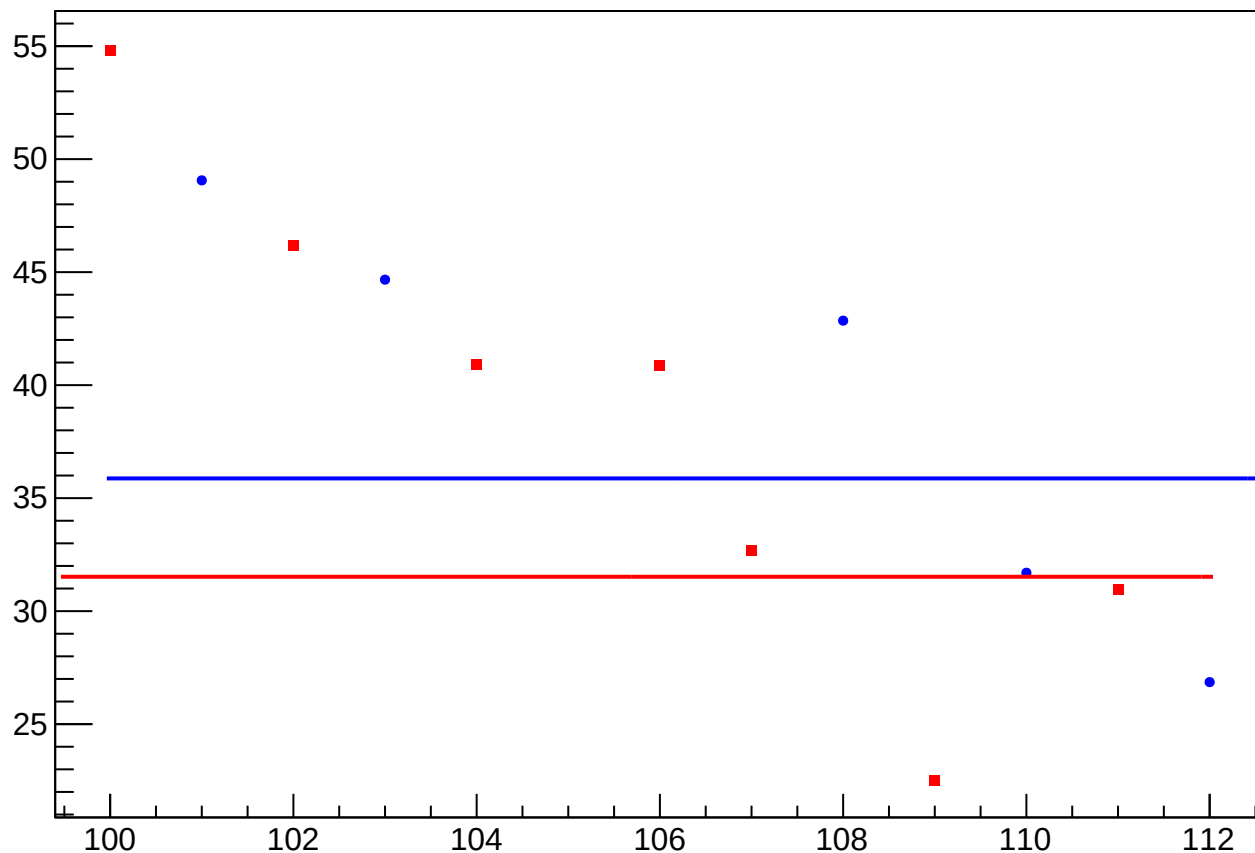
Right: -0.013 $\pm$ 0.015 χ^2 /NDF: 7.7/11

In: -0.017 $\pm$ 0.023 χ^2 /NDF:4.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.015 χ^2 /NDF: 7.7/11

asym_sam_15_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.872+/-0.016 χ^2/NDF : 285504.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.521+/-0.014 χ^2/NDF : 405343.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

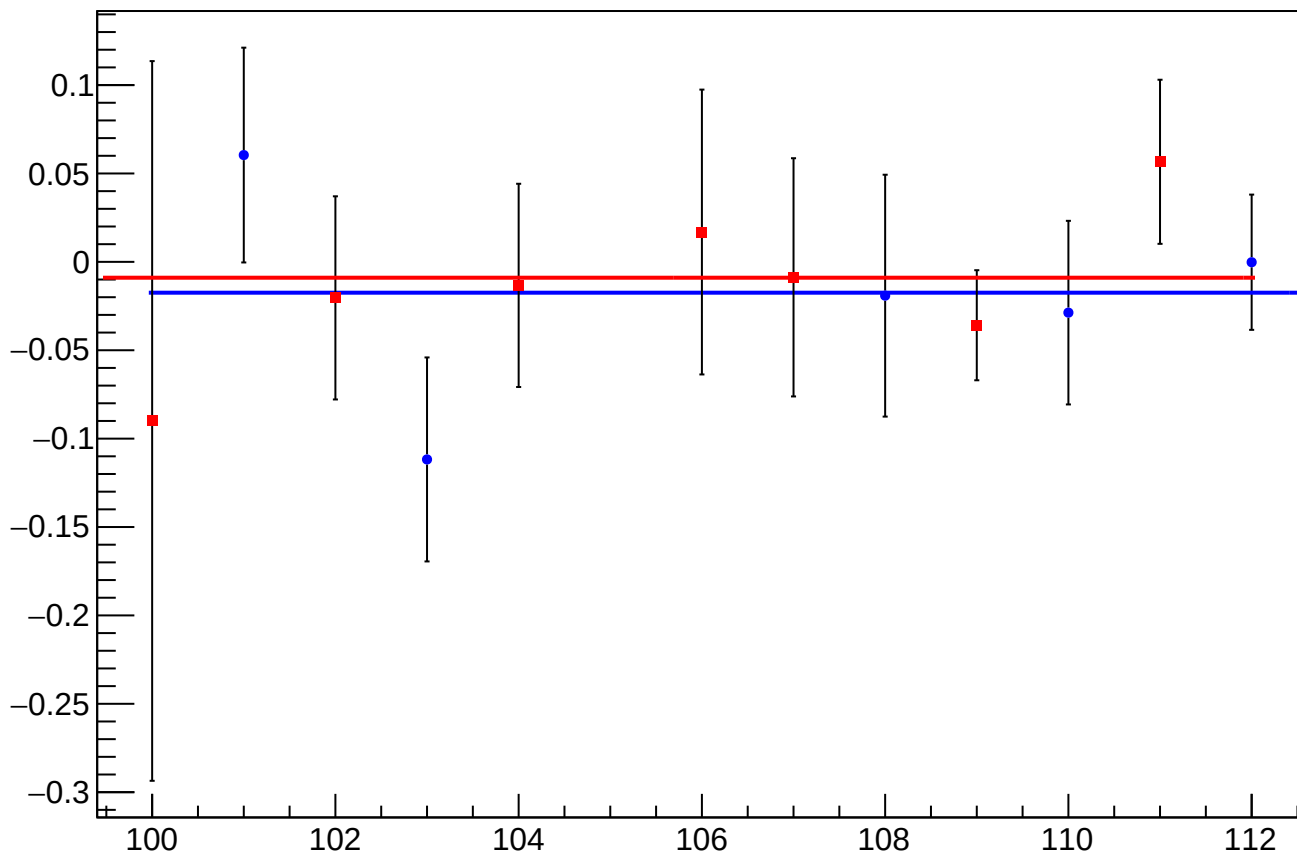
Right: 33.366+/-0.011 χ^2/NDF : 730966.0/11

In: 35.872+/-0.016 χ^2/NDF : 285504.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.366+/-0.011 χ^2/NDF : 730966.0/11

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017 $\pm$ 0.023 χ^2 /NDF: 4.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.009 $\pm$ 0.020 χ^2 /NDF: 3.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

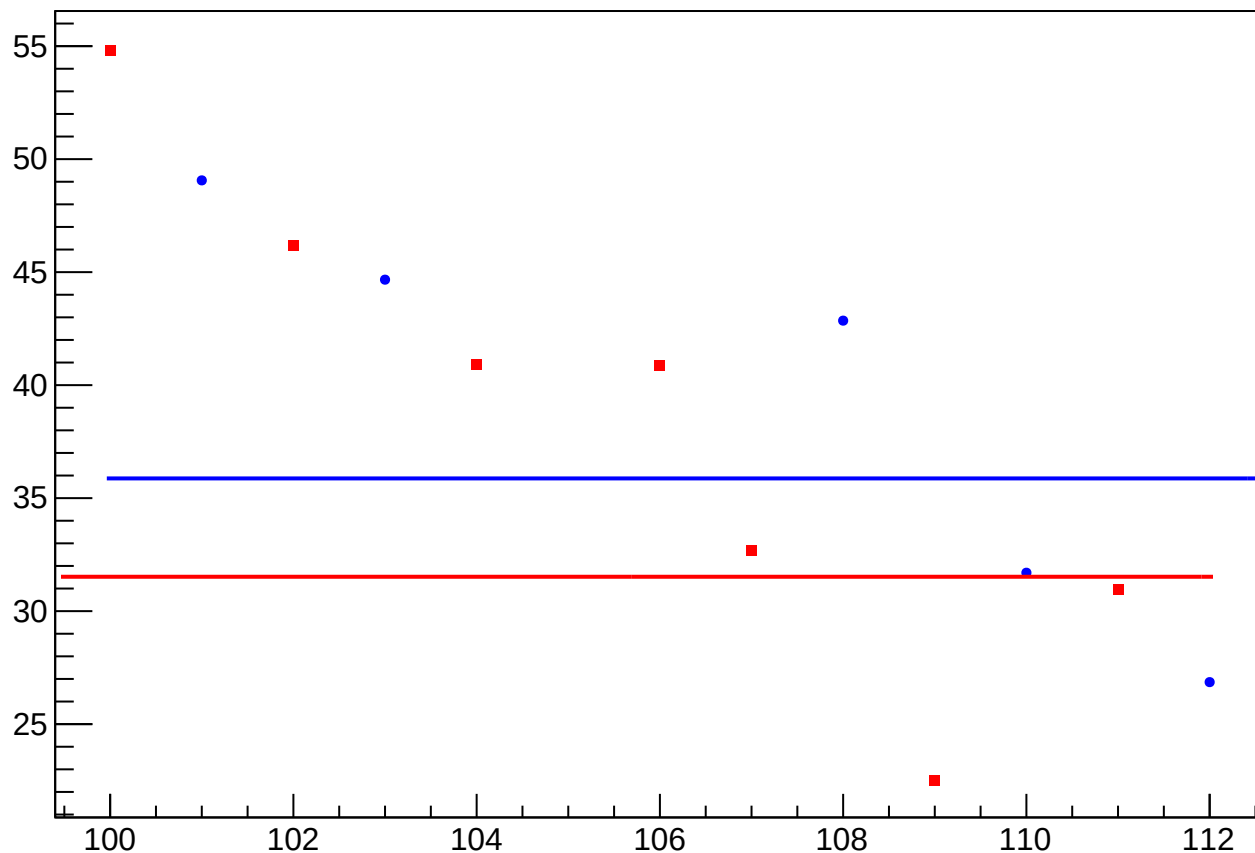
Right: -0.013 $\pm$ 0.015 χ^2 /NDF: 7.7/11

In: -0.017 $\pm$ 0.023 χ^2 /NDF:4.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.015 χ^2 /NDF: 7.7/11

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.872+/-0.016 χ^2/NDF : 285504.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.521+/-0.014 χ^2/NDF : 405343.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

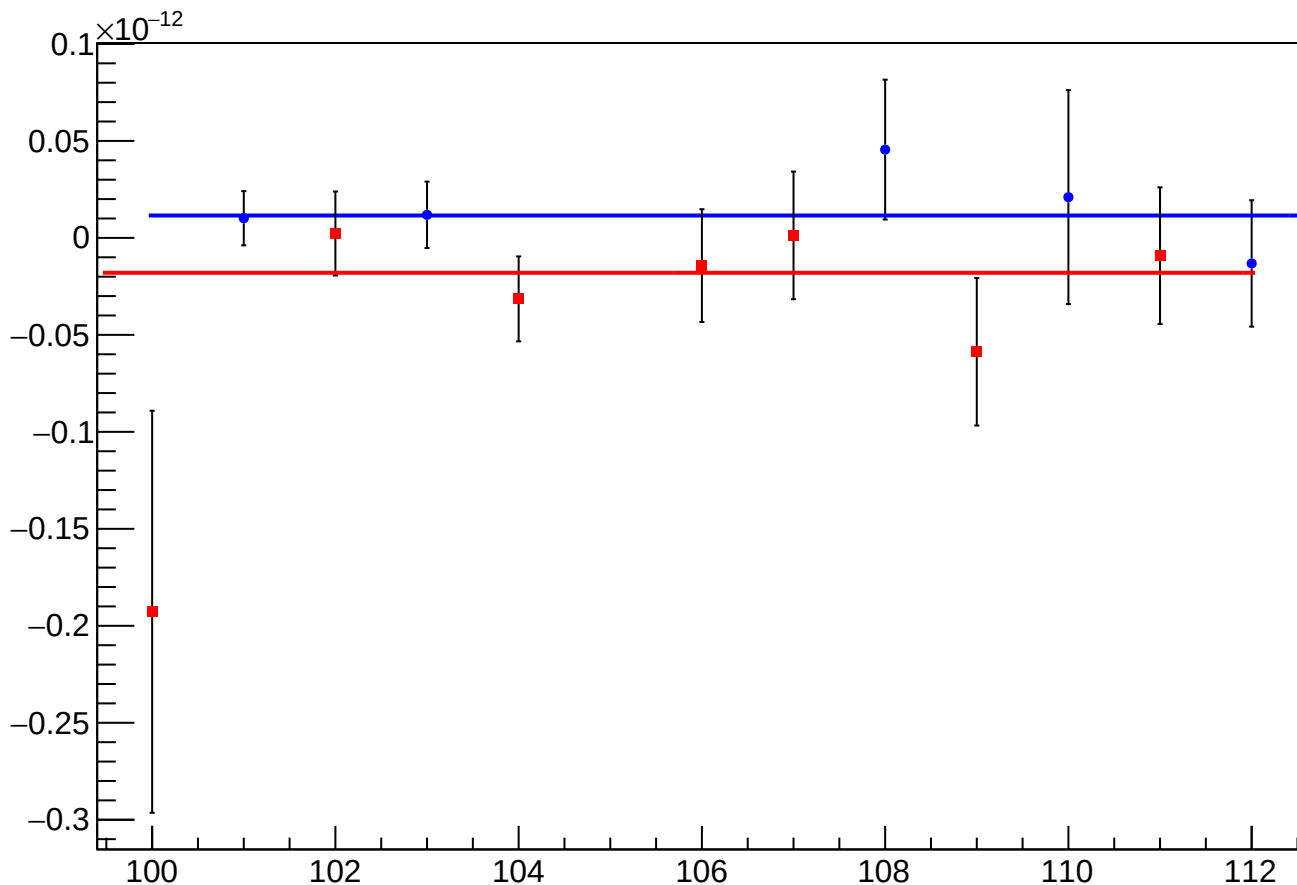
Right: 33.366+/-0.011 χ^2/NDF : 730966.0/11

In: 35.872+/-0.016 χ^2/NDF : 285504.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.366+/-0.011 χ^2/NDF : 730966.0/11

asym_sam_15_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

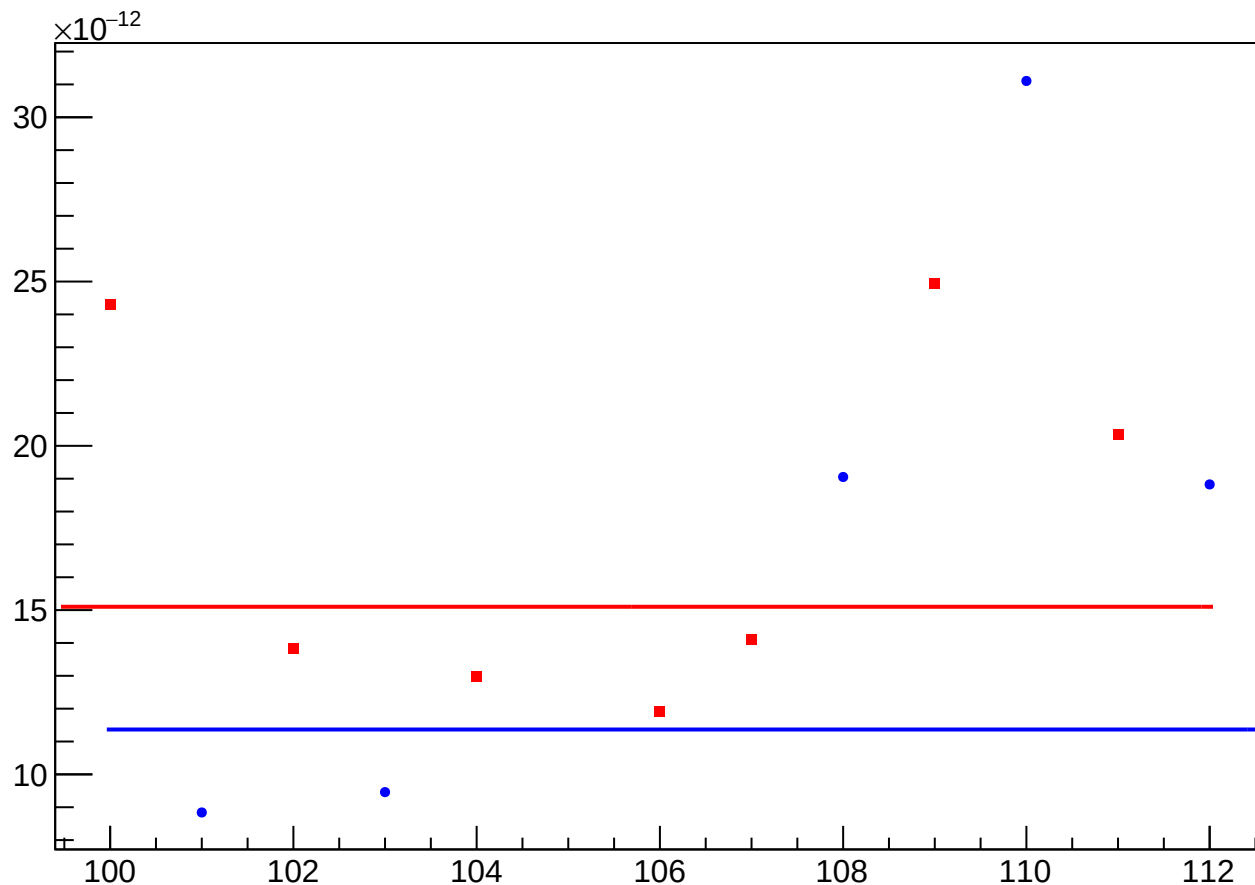
Right: -0.000+/-0.000 χ^2/NDF : 11.1/11

In: 0.000+/-0.000 χ^2/NDF : 1.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.1/11

asym_sam_15_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 541871.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 245836.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

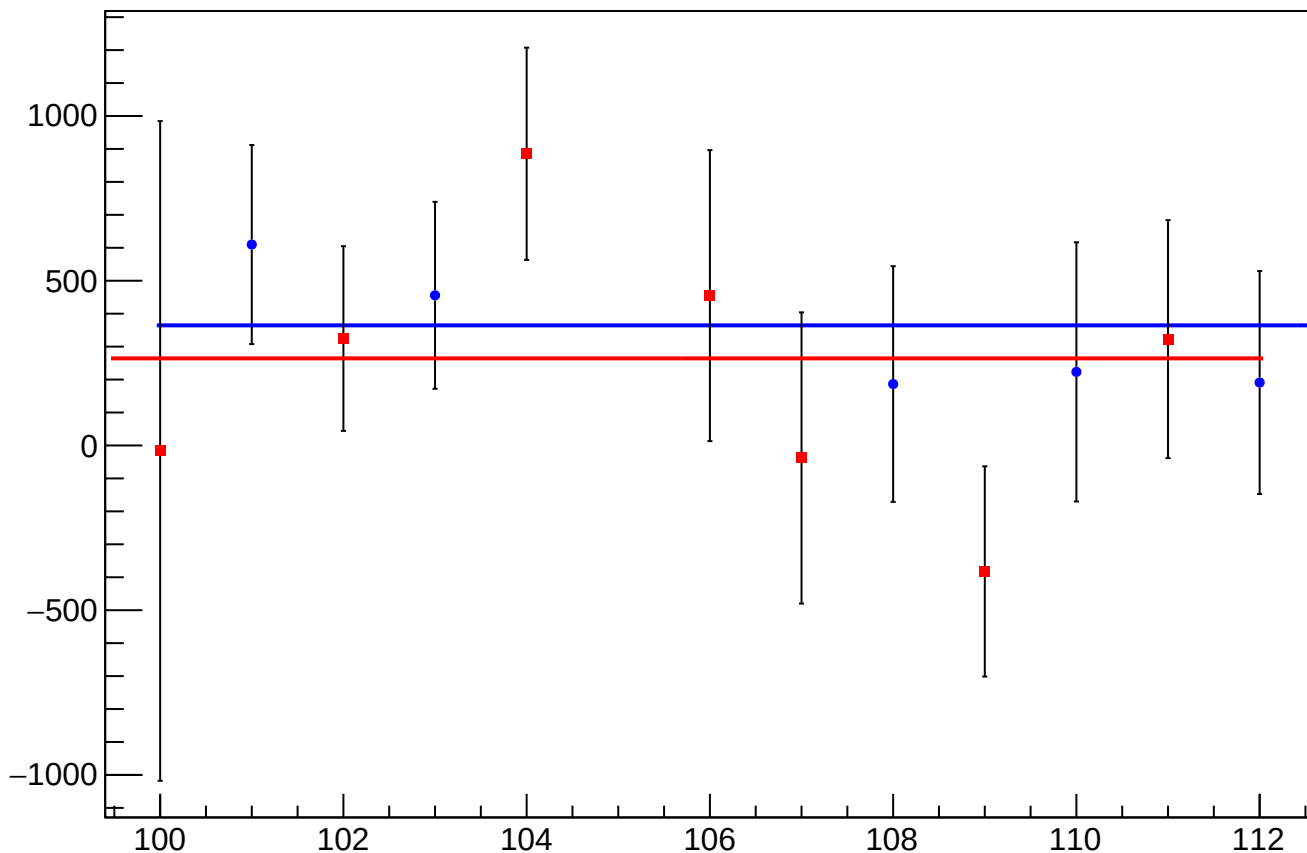
Right: 0.000+/-0.000 χ^2/NDF : 914064.1/11

In: 0.000+/-0.000 χ^2/NDF : 541871.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 914064.1/11

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 364.535 $\pm$ 146.813 χ^2 /NDF: 1.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 264.309 $\pm$ 139.887 χ^2 /NDF: 8.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

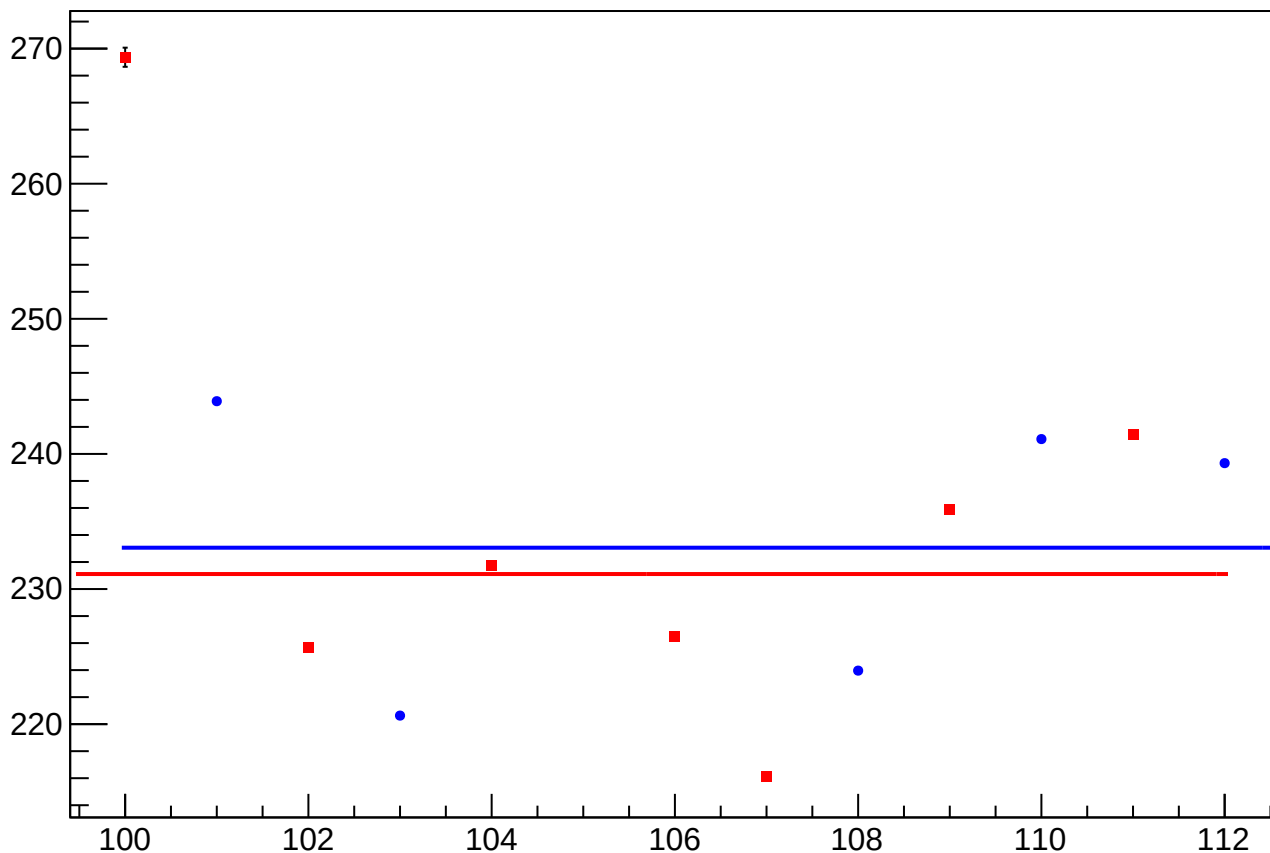
Right: 312.002 $\pm$ 101.275 χ^2 /NDF: 10.3/11

In: 364.535 $\pm$ 146.813 χ^2 /NDF:1.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 312.002 $\pm$ 101.275 χ^2 /NDF: 10.3/11

reg_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 233.060+/-0.104 χ^2/NDF : 9226.9/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 231.111+/-0.099 χ^2/NDF : 8275.3/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

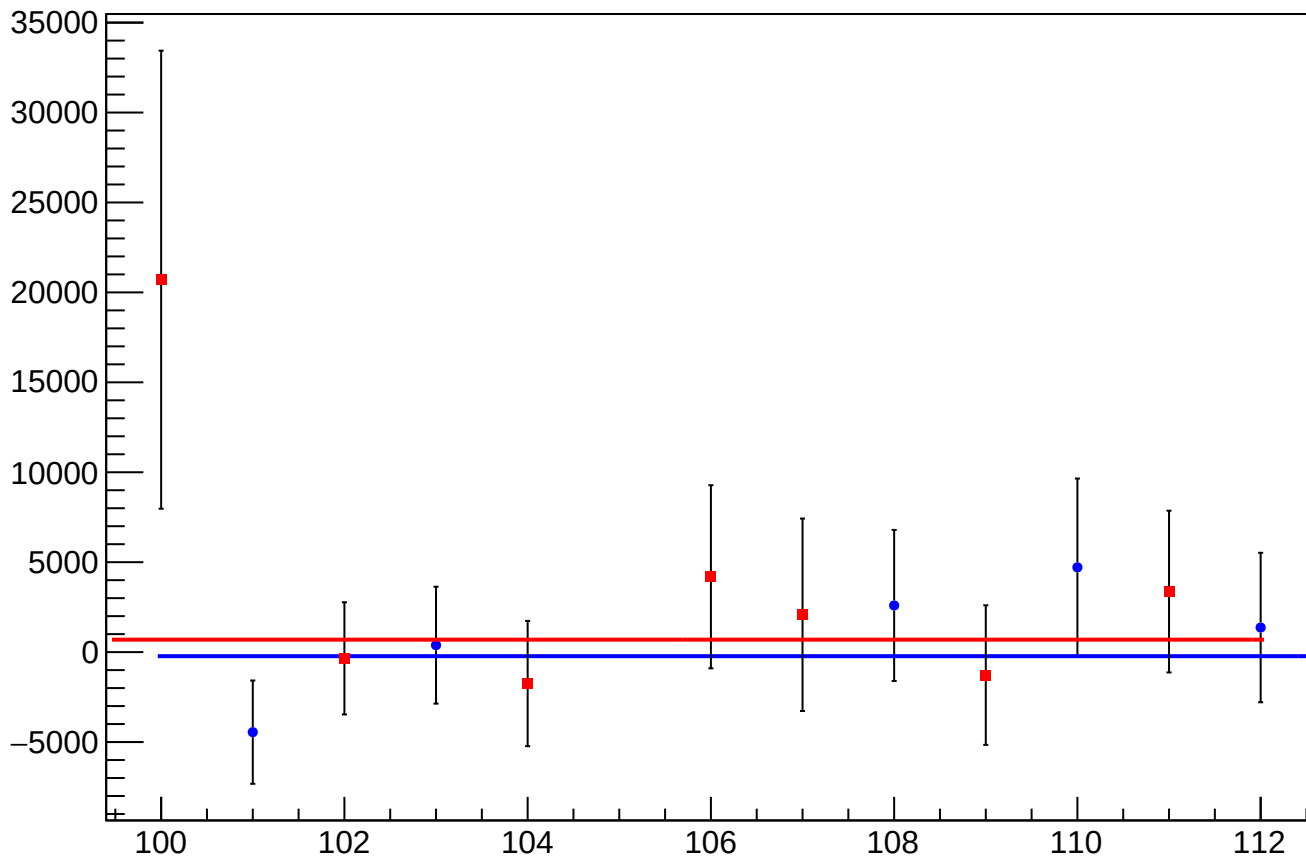
Right: 232.038+/-0.072 χ^2/NDF : 17687.0/11

In: 233.060+/-0.104 χ^2/NDF :9226.9/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 232.038+/-0.072 χ^2/NDF : 17687.0/11

asym_sam_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -226.694+/-1640.678 χ^2/NDF : 3.8/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 692.035+/-1620.457 χ^2/NDF : 4.2/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

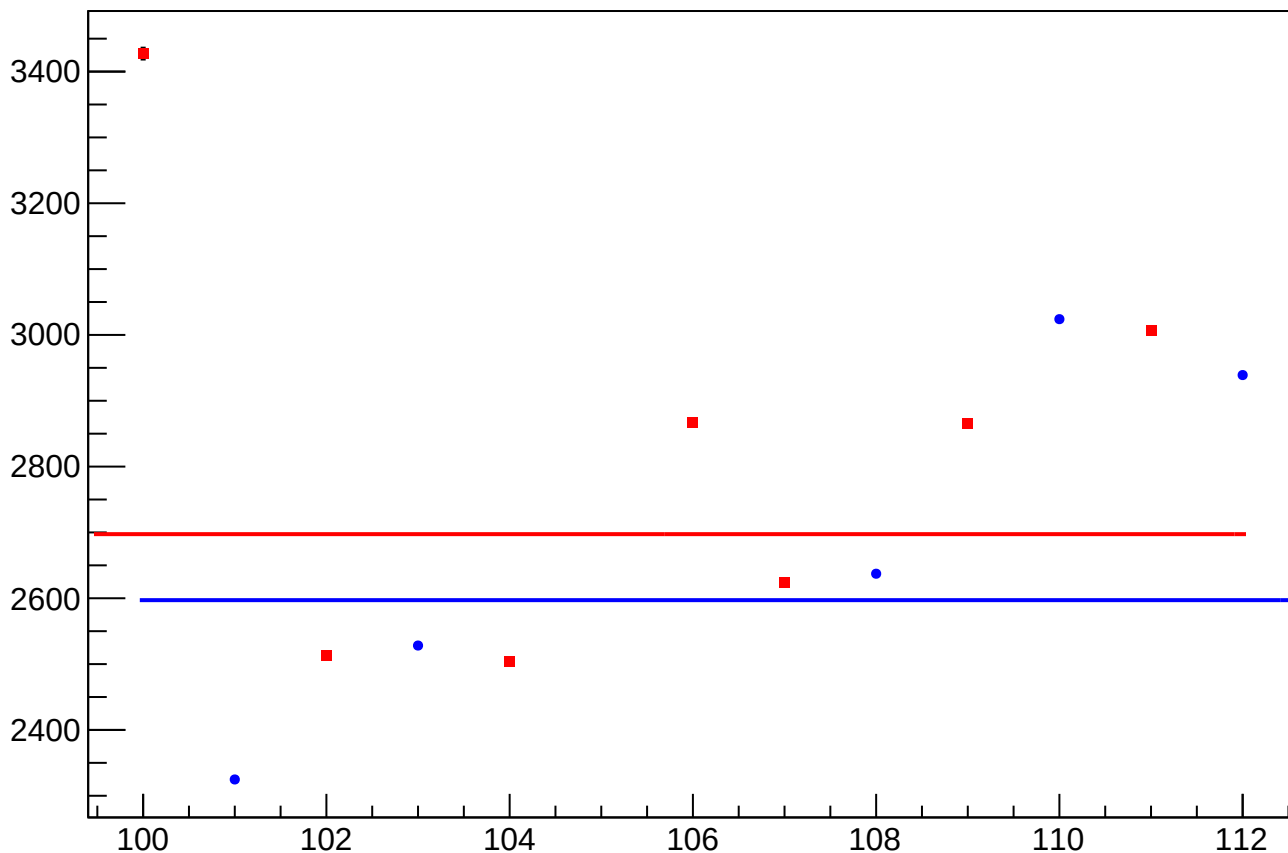
Right: 238.367+/-1152.919 χ^2/NDF : 8.2/11

In: -226.694+/-1640.678 χ^2/NDF :3.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 238.367+/-1152.919 χ^2/NDF : 8.2/11

asym_sam_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2597.132+/-1.160 χ^2/NDF : 47549.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2697.394+/-1.146 χ^2/NDF : 35437.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

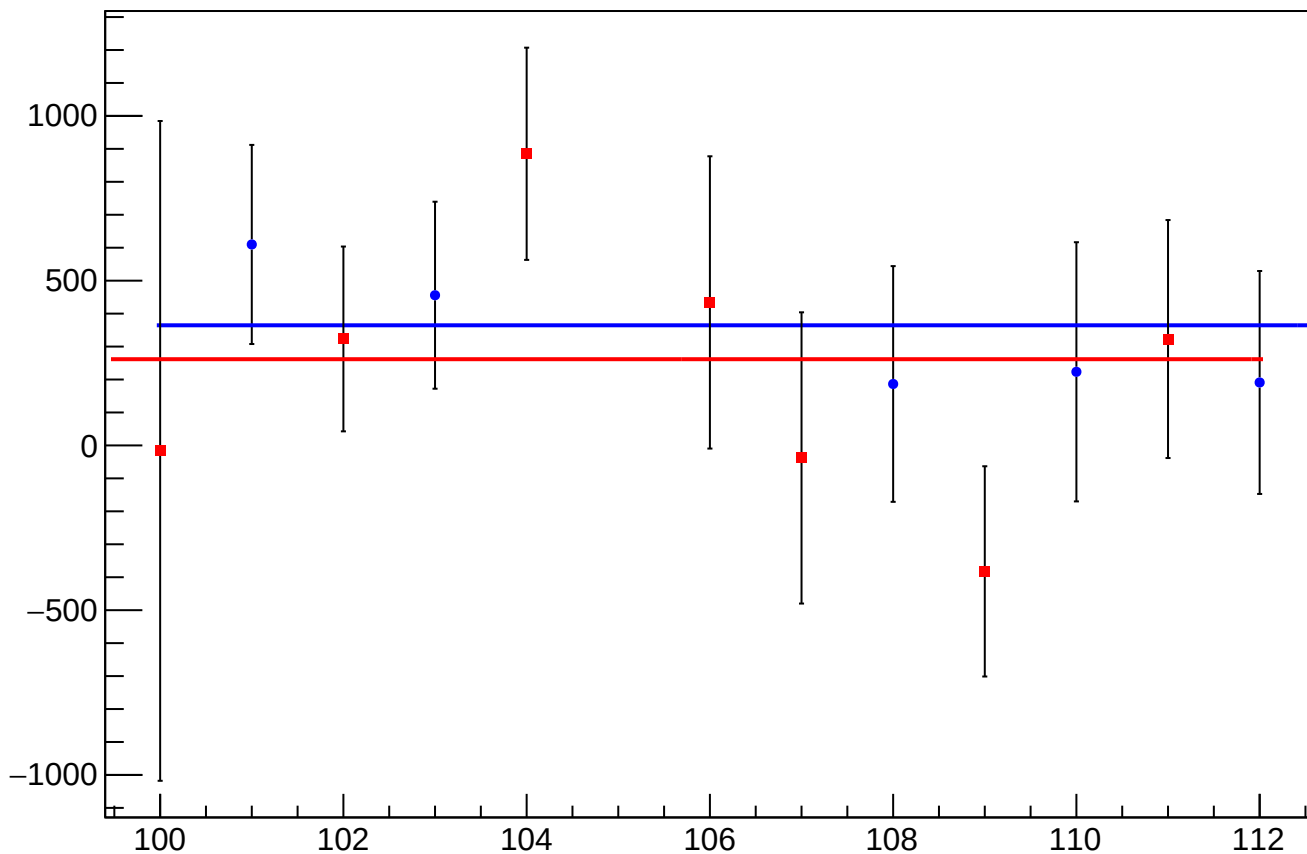
Right: 2647.885+/-0.815 χ^2/NDF : 86768.1/11

In: 2597.132+/-1.160 χ^2/NDF : 47549.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2647.885+/-0.815 χ^2/NDF : 86768.1/11

cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 364.567 $\pm$ 146.813 χ^2 /NDF: 1.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 261.667 $\pm$ 139.954 χ^2 /NDF: 8.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

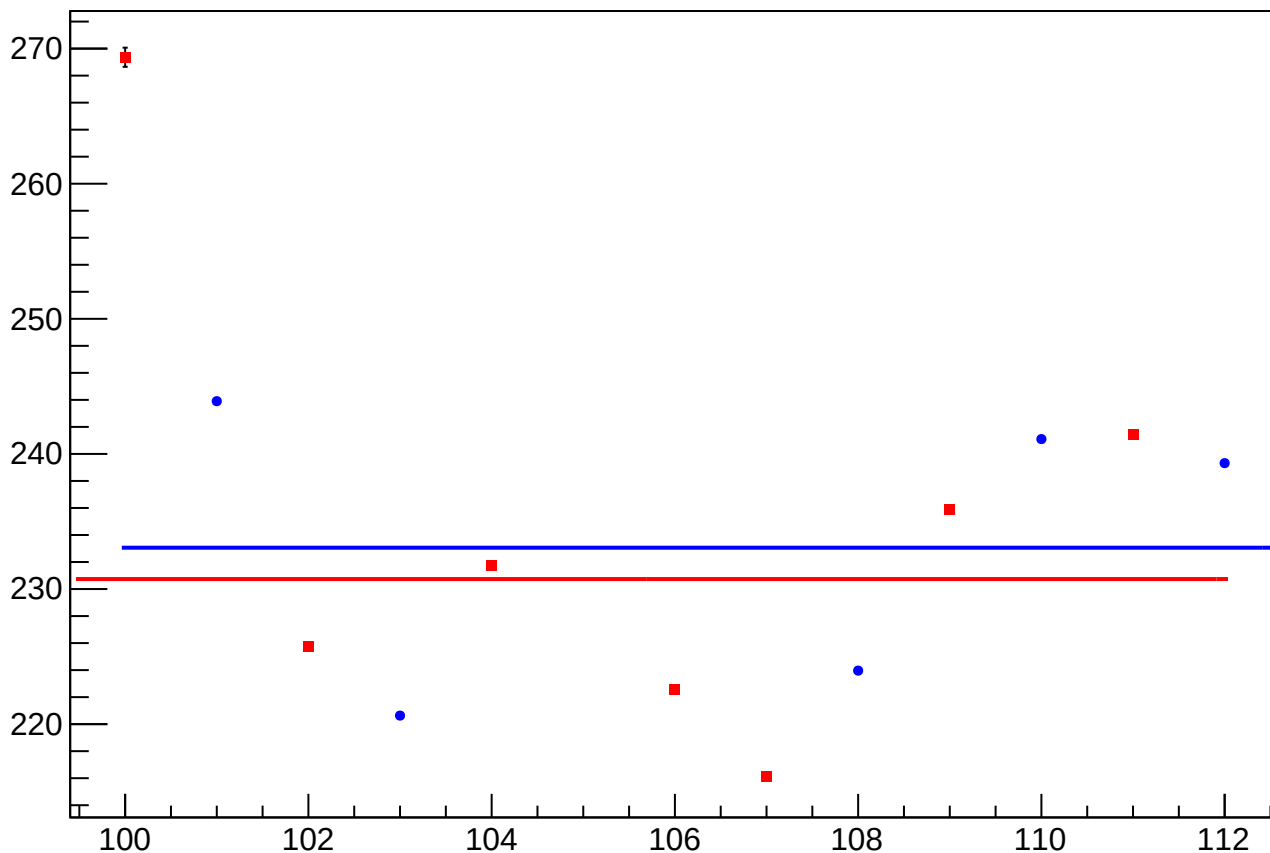
Right: 310.657 $\pm$ 101.301 χ^2 /NDF: 10.2/11

In: 364.567 $\pm$ 146.813 χ^2 /NDF:1.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 310.657 $\pm$ 101.301 χ^2 /NDF: 10.2/11

cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 233.060+/-0.104 χ^2/NDF : 9226.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 230.740+/-0.099 χ^2/NDF : 8770.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

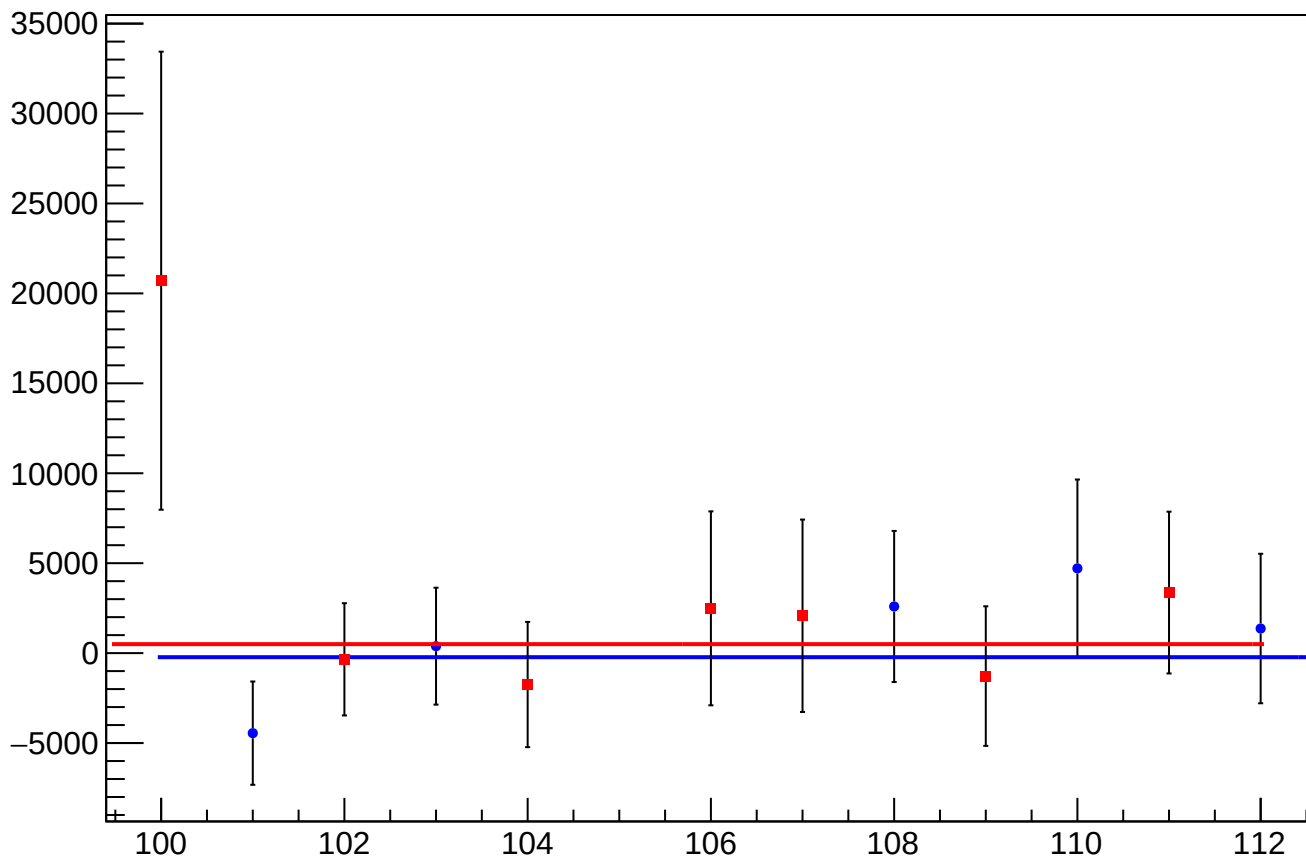
Right: 231.844+/-0.072 χ^2/NDF : 18258.6/11

In: 233.060+/-0.104 χ^2/NDF : 9226.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 231.844+/-0.072 χ^2/NDF : 18258.6/11

asym_sam_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -226.511+/-1640.689 χ^2/NDF : 3.8/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 498.681+/-1629.615 χ^2/NDF : 3.8/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

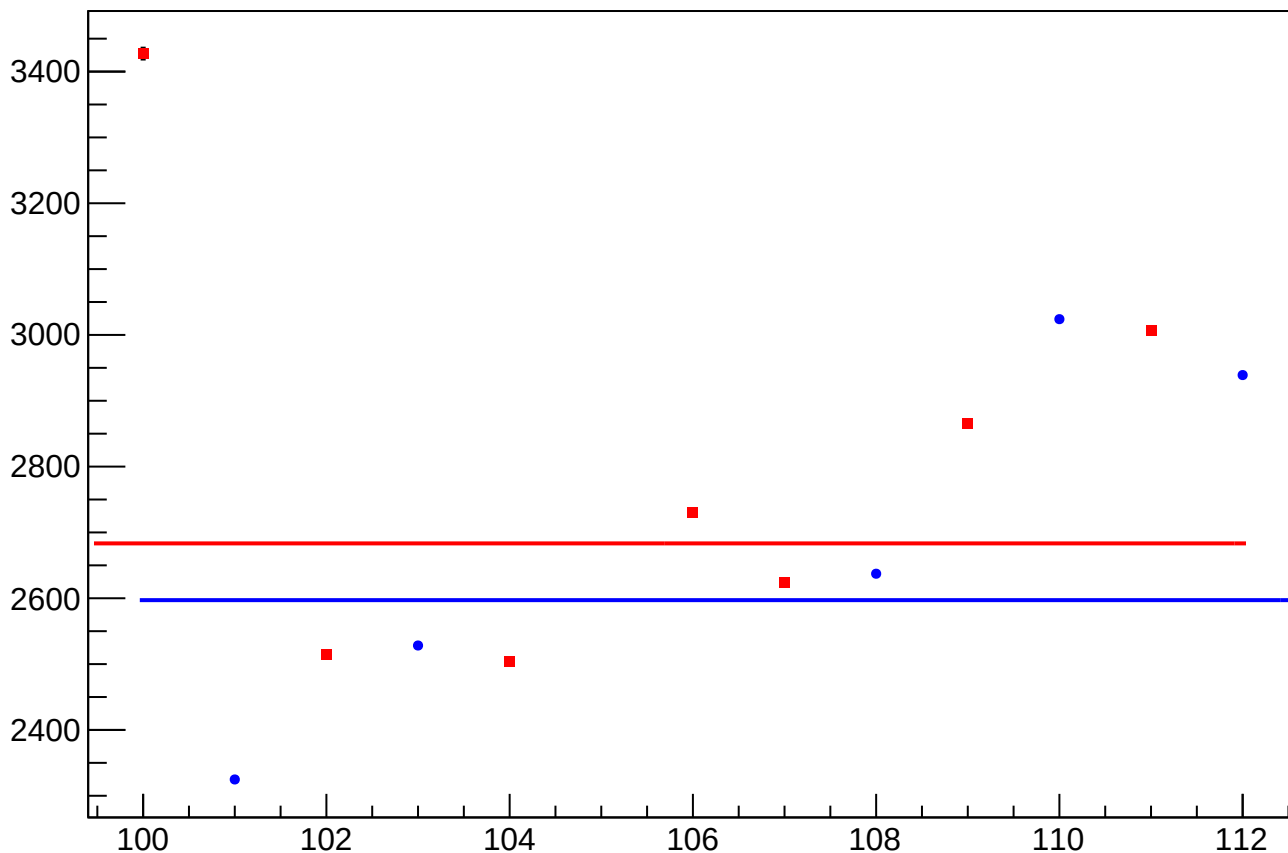
Right: 138.541+/-1156.207 χ^2/NDF : 7.7/11

In: -226.511+/-1640.689 χ^2/NDF :3.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 138.541+/-1156.207 χ^2/NDF : 7.7/11

asym_sam_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2597.149+/-1.160 χ^2/NDF : 47547.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2683.345+/-1.152 χ^2/NDF : 33075.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

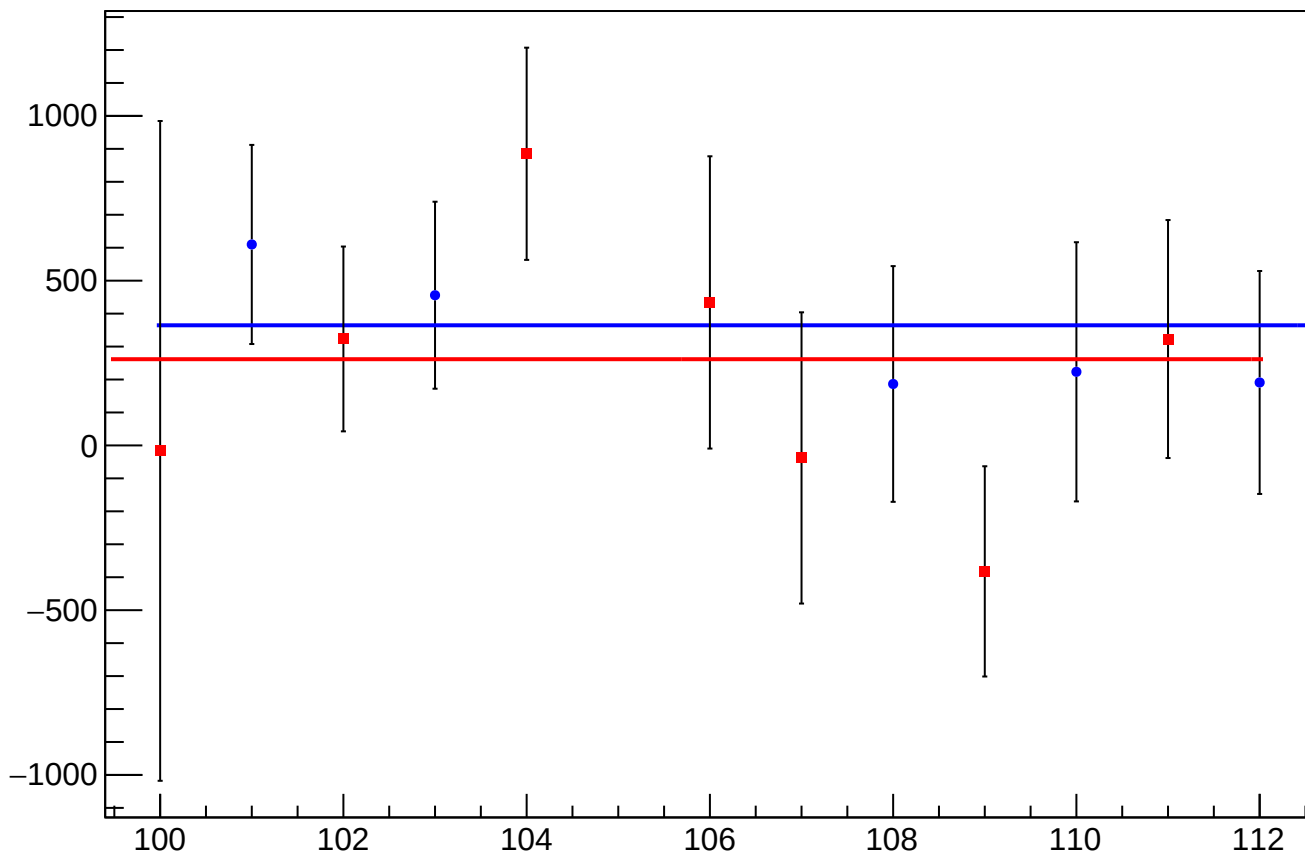
Right: 2640.539+/-0.818 χ^2/NDF : 83401.7/11

In: 2597.149+/-1.160 χ^2/NDF : 47547.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2640.539+/-0.818 χ^2/NDF : 83401.7/11

eigen_cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 364.567 $\pm$ 146.813 χ^2 /NDF: 1.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 261.667 $\pm$ 139.954 χ^2 /NDF: 8.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

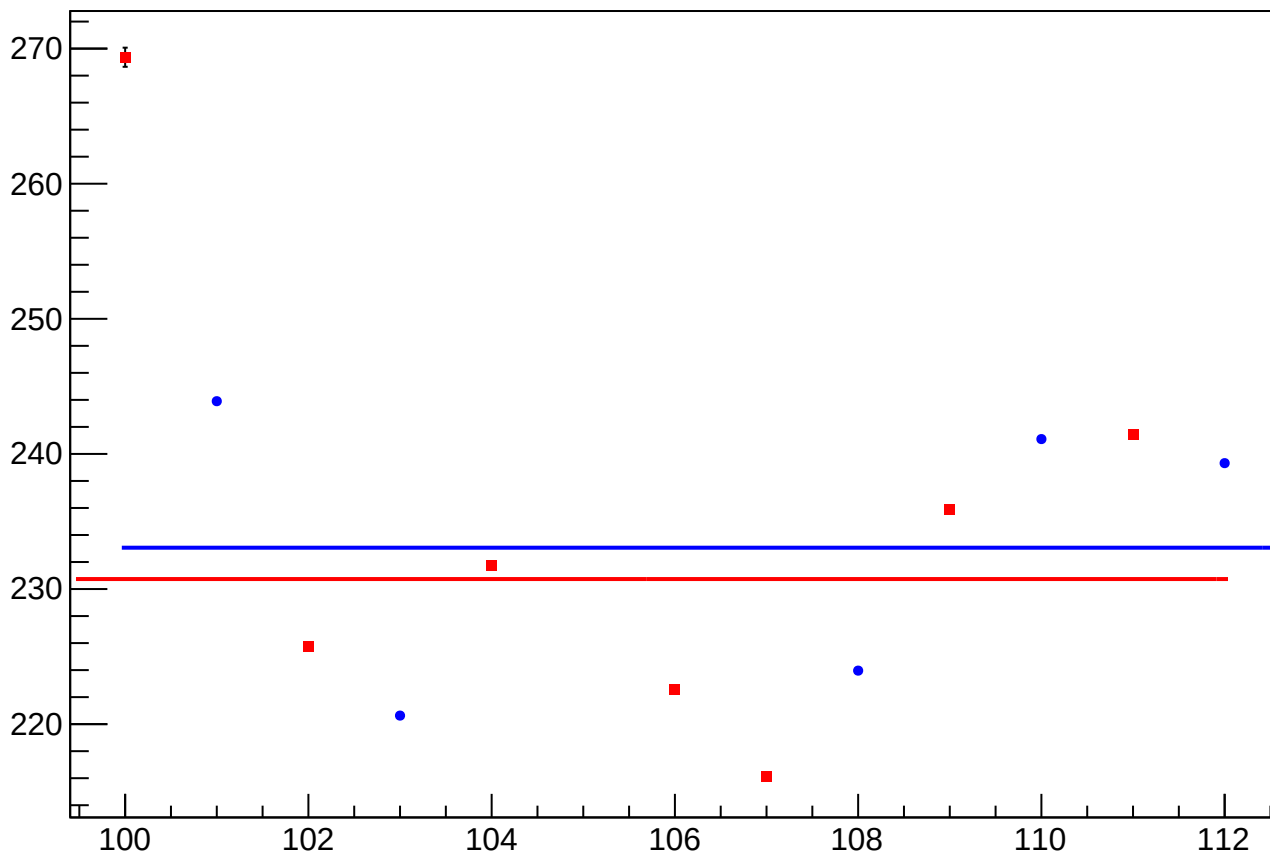
Right: 310.657 $\pm$ 101.301 χ^2 /NDF: 10.2/11

In: 364.567 $\pm$ 146.813 χ^2 /NDF:1.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 310.657 $\pm$ 101.301 χ^2 /NDF: 10.2/11

eigen_cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 233.060 $\pm$ 0.104 χ^2 /NDF: 9226.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 230.740 $\pm$ 0.099 χ^2 /NDF: 8770.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

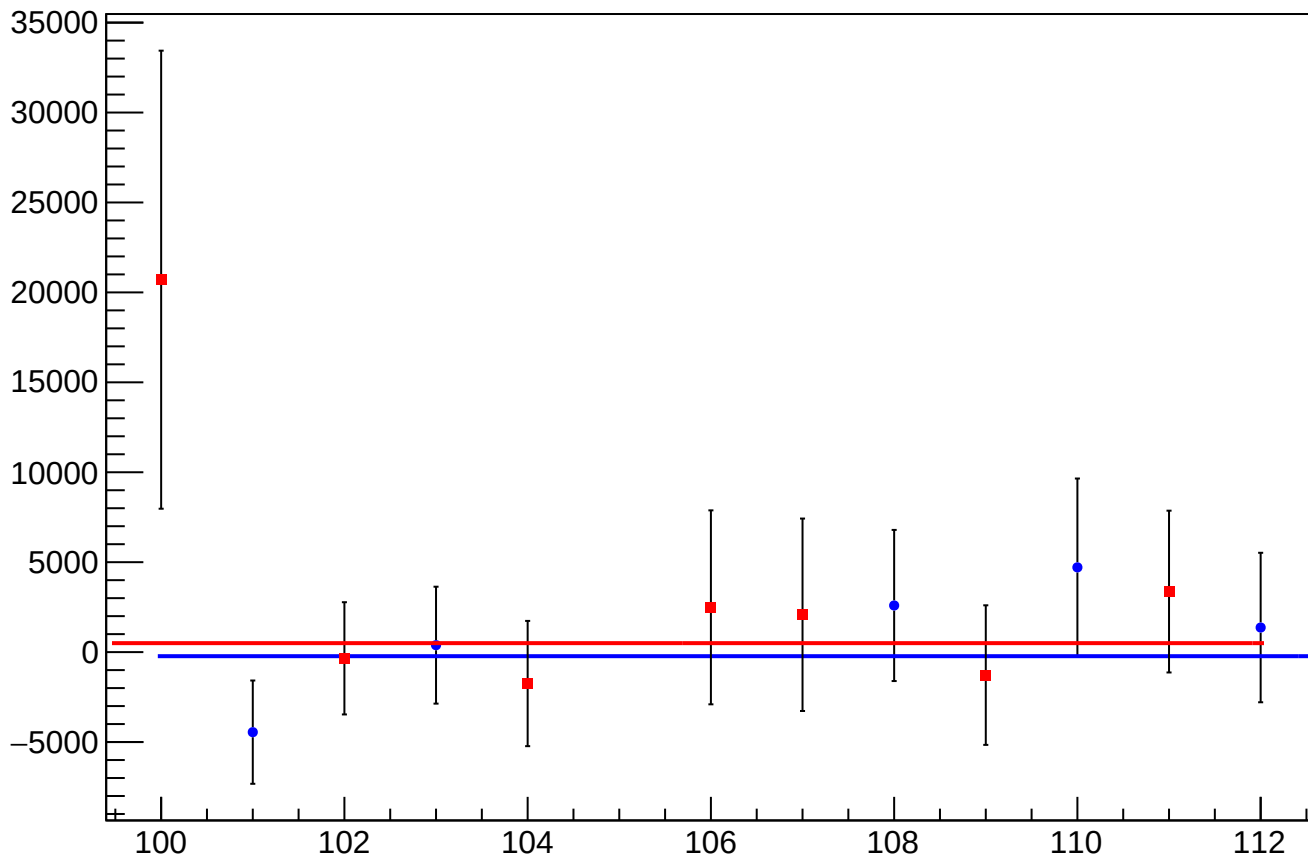
Right: 231.844 $\pm$ 0.072 χ^2 /NDF: 18258.6/11

In: 233.060 $\pm$ 0.104 χ^2 /NDF:9226.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 231.844 $\pm$ 0.072 χ^2 /NDF: 18258.6/11

asym_sam_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -226.511+/-1640.689 χ^2/NDF : 3.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 498.681+/-1629.615 χ^2/NDF : 3.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

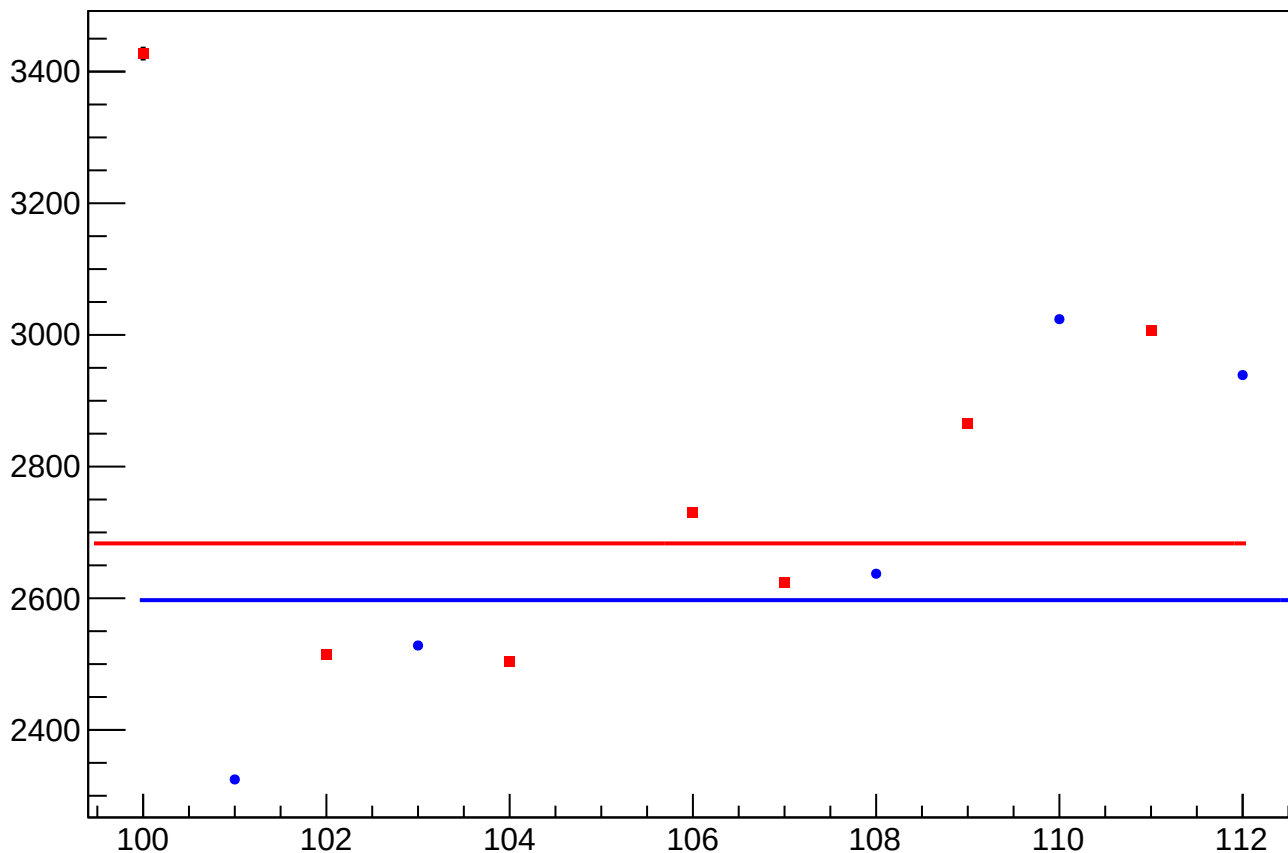
Right: 138.541+/-1156.207 χ^2/NDF : 7.7/11

In: -226.511+/-1640.689 χ^2/NDF : 3.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.541+/-1156.207 χ^2/NDF : 7.7/11

asym_sam_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2597.149+/-1.160 χ^2/NDF : 47547.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2683.345+/-1.152 χ^2/NDF : 33075.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

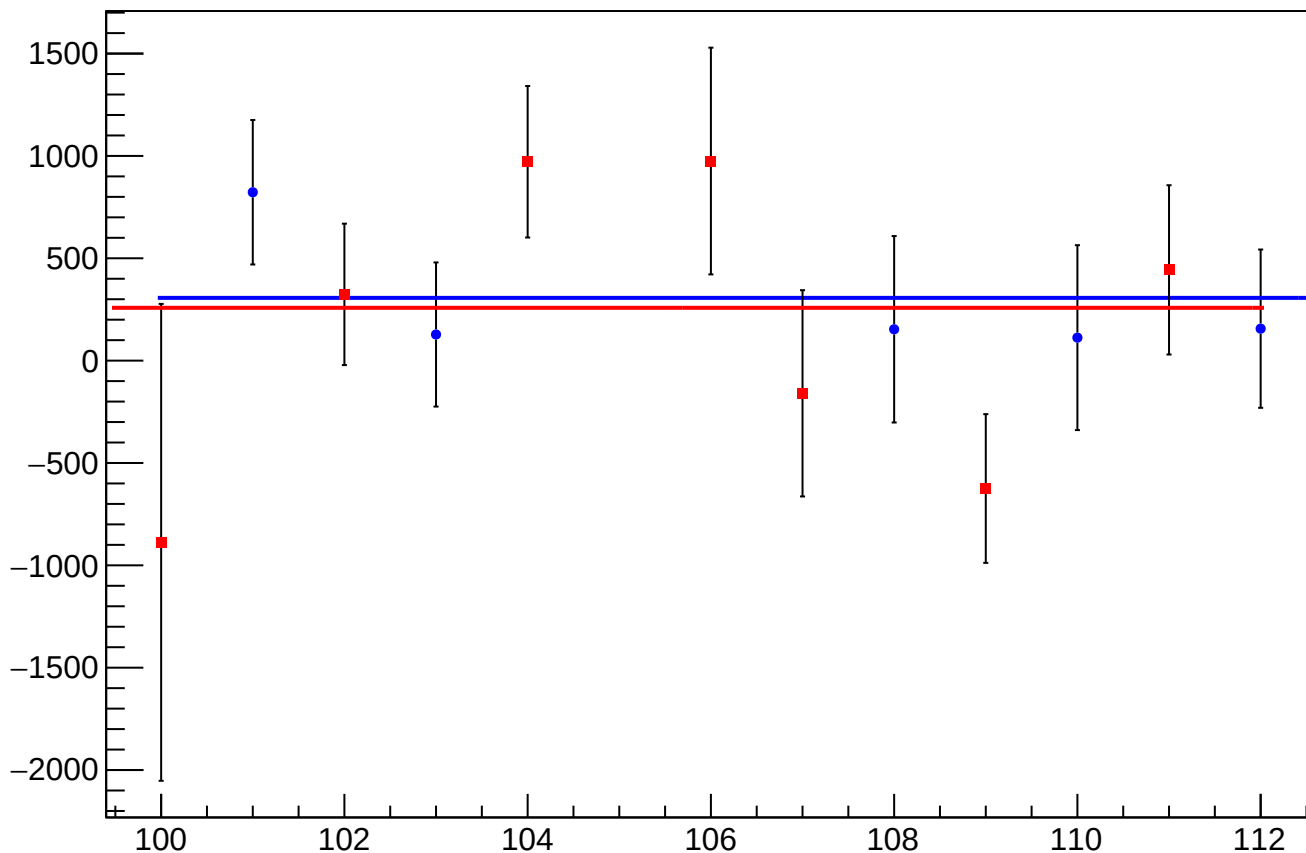
Right: 2640.539+/-0.818 χ^2/NDF : 83401.7/11

In: 2597.149+/-1.160 χ^2/NDF : 47547.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2640.539+/-0.818 χ^2/NDF : 83401.7/11

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 306.634 $\pm$ 175.379 χ^2 /NDF: 2.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 258.085 $\pm$ 164.304 χ^2 /NDF: 13.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

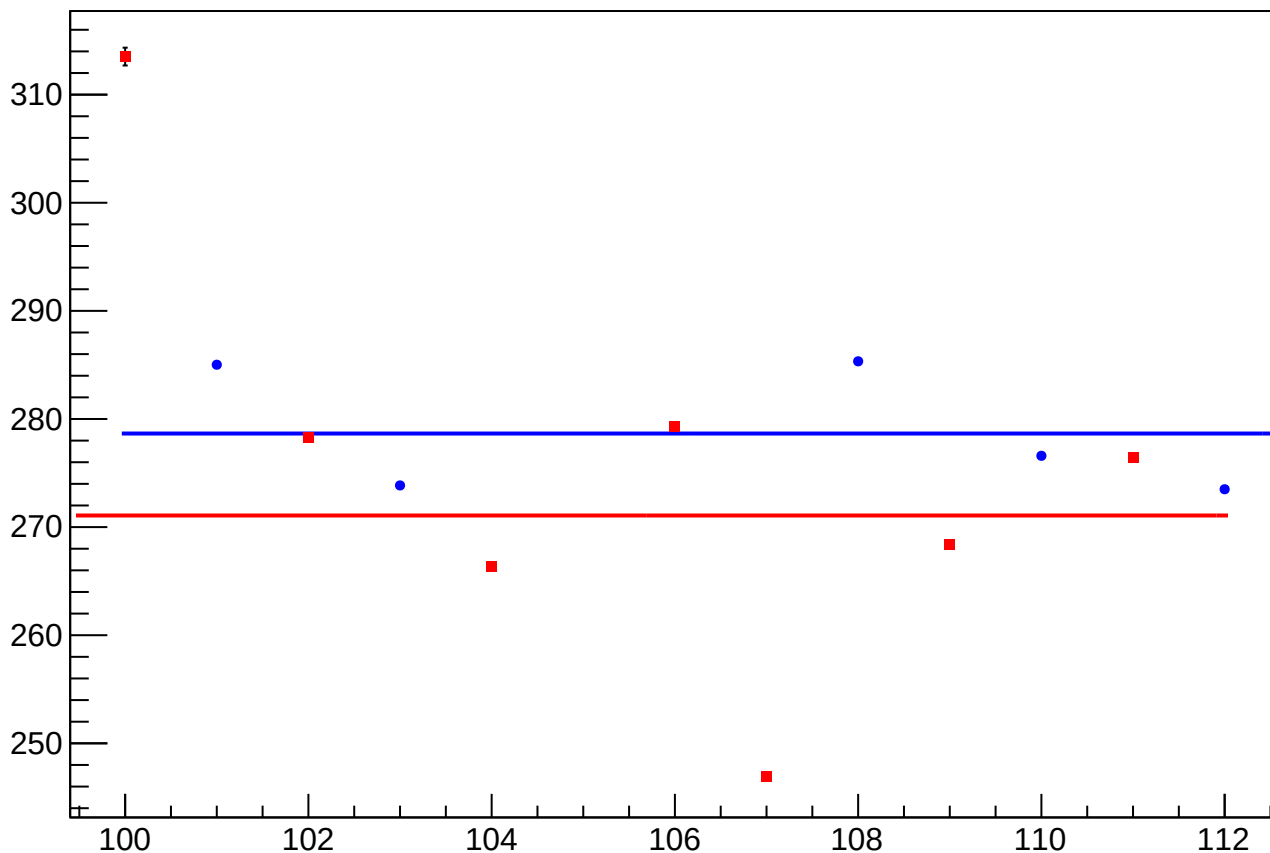
Right: 280.779 $\pm$ 119.905 χ^2 /NDF: 16.1/11

In: 306.634 $\pm$ 175.379 χ^2 /NDF:2.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 280.779 $\pm$ 119.905 χ^2 /NDF: 16.1/11

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 278.655+/-0.124 χ^2/NDF : 1849.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 271.074+/-0.116 χ^2/NDF : 9354.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

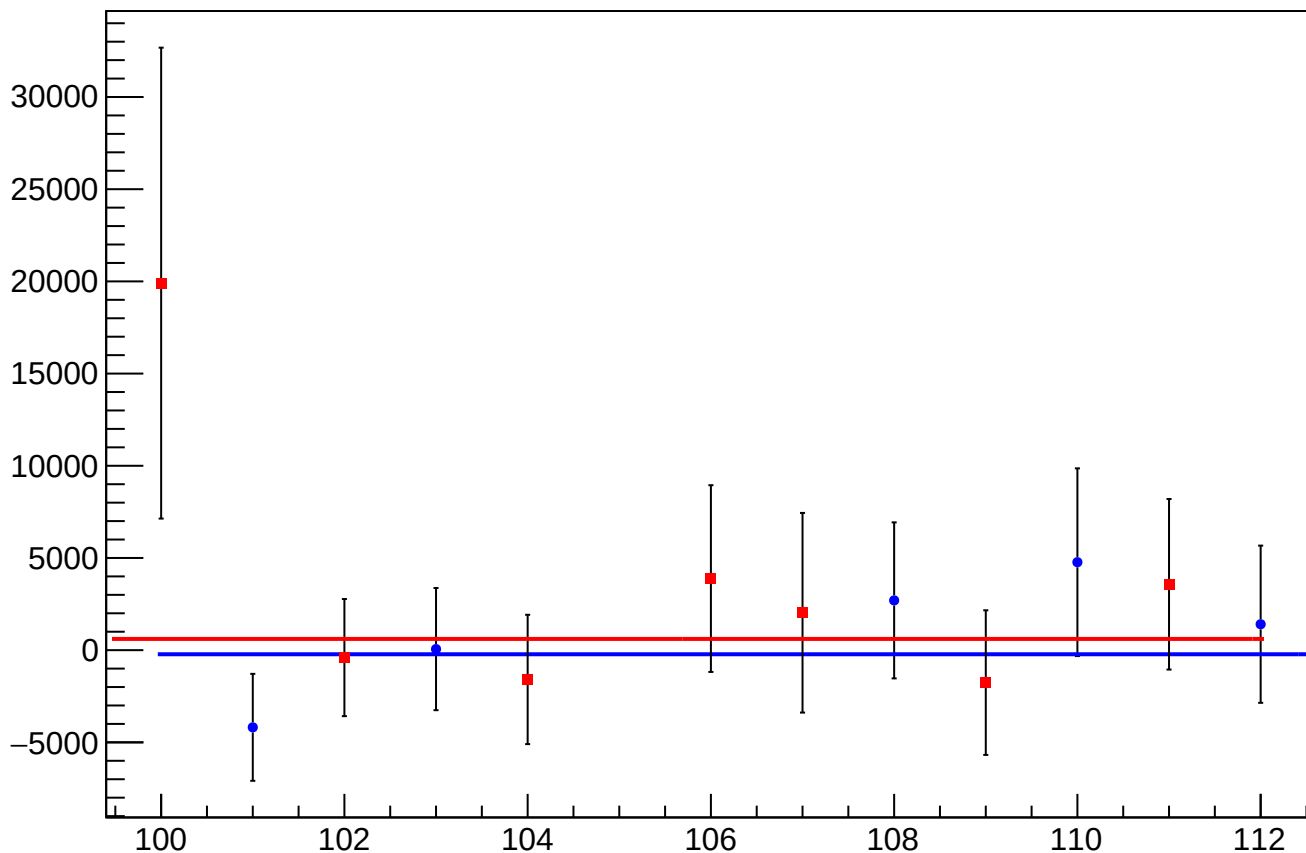
Right: 274.618+/-0.085 χ^2/NDF : 13194.2/11

In: 278.655+/-0.124 χ^2/NDF : 1849.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 274.618+/-0.085 χ^2/NDF : 13194.2/11

asym_sam_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -222.310+/-1667.820 χ^2/NDF : 3.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 609.530+/-1640.794 χ^2/NDF : 4.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

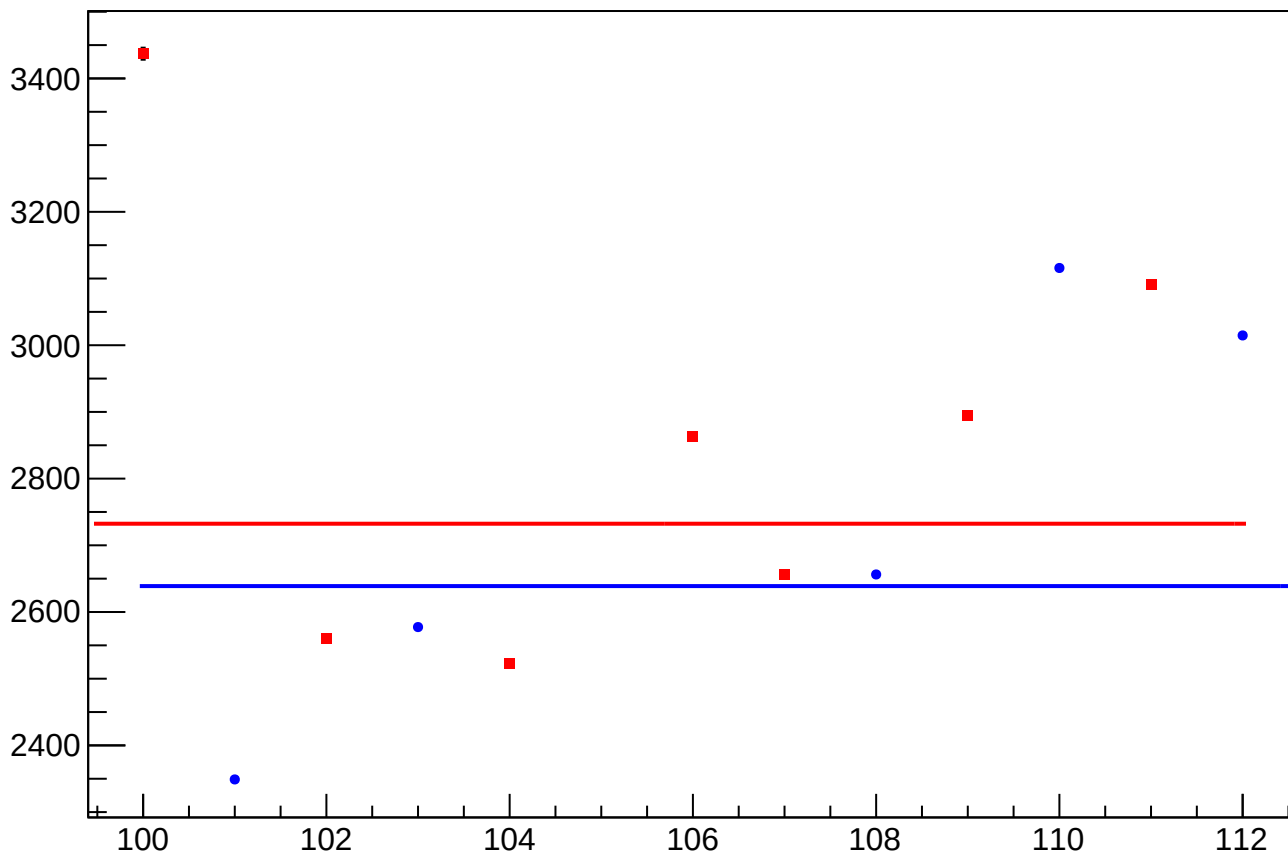
Right: 200.404+/-1169.655 χ^2/NDF : 7.6/11

In: -222.310+/-1667.820 χ^2/NDF : 3.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 200.404+/-1169.655 χ^2/NDF : 7.6/11

asym_sam_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2638.866+/-1.179 χ^2/NDF : 53816.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2732.372+/-1.160 χ^2/NDF : 36334.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

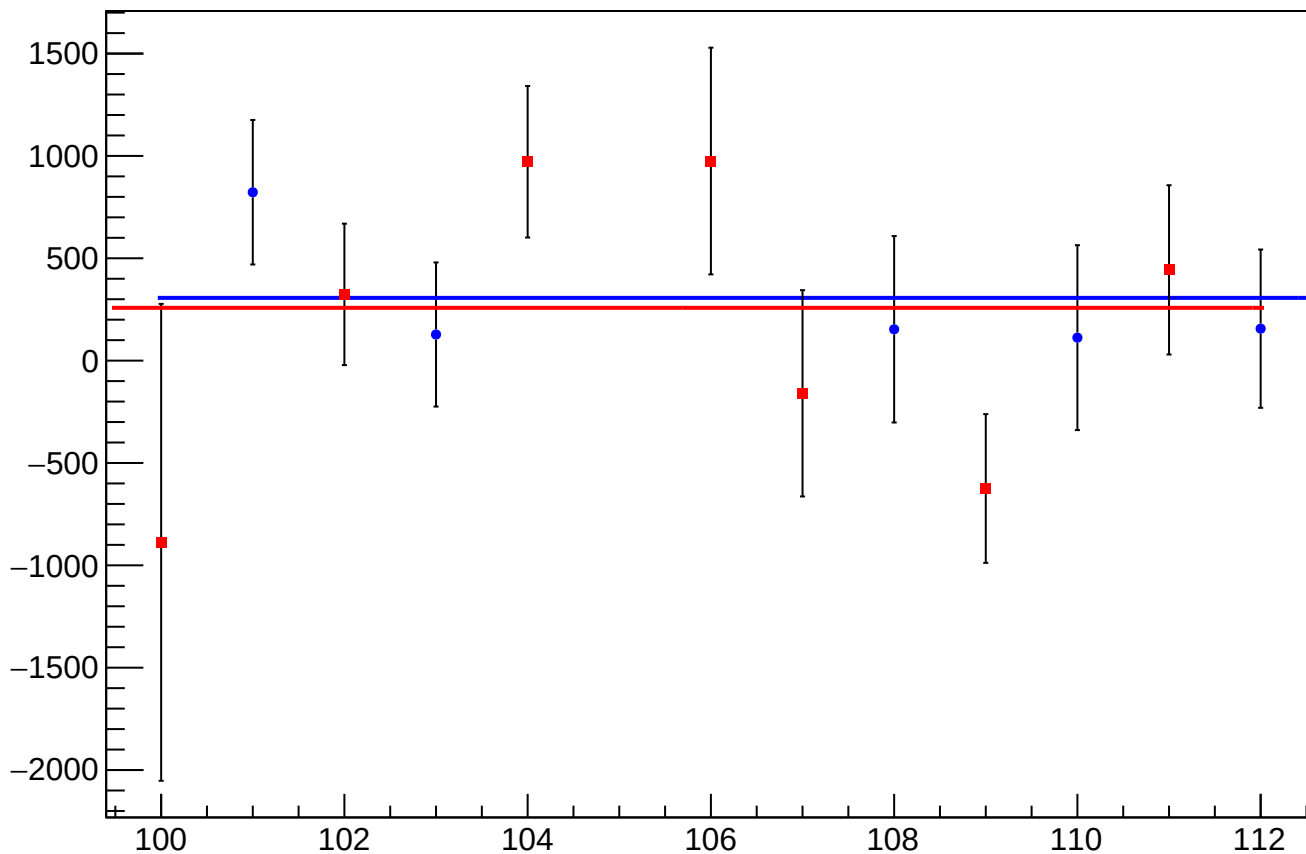
Right: 2686.383+/-0.827 χ^2/NDF : 93345.5/11

In: 2638.866+/-1.179 χ^2/NDF : 53816.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2686.383+/-0.827 χ^2/NDF : 93345.5/11

eigen_dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 306.624+/-175.377 χ^2/NDF : 2.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 258.083+/-164.303 χ^2/NDF : 13.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

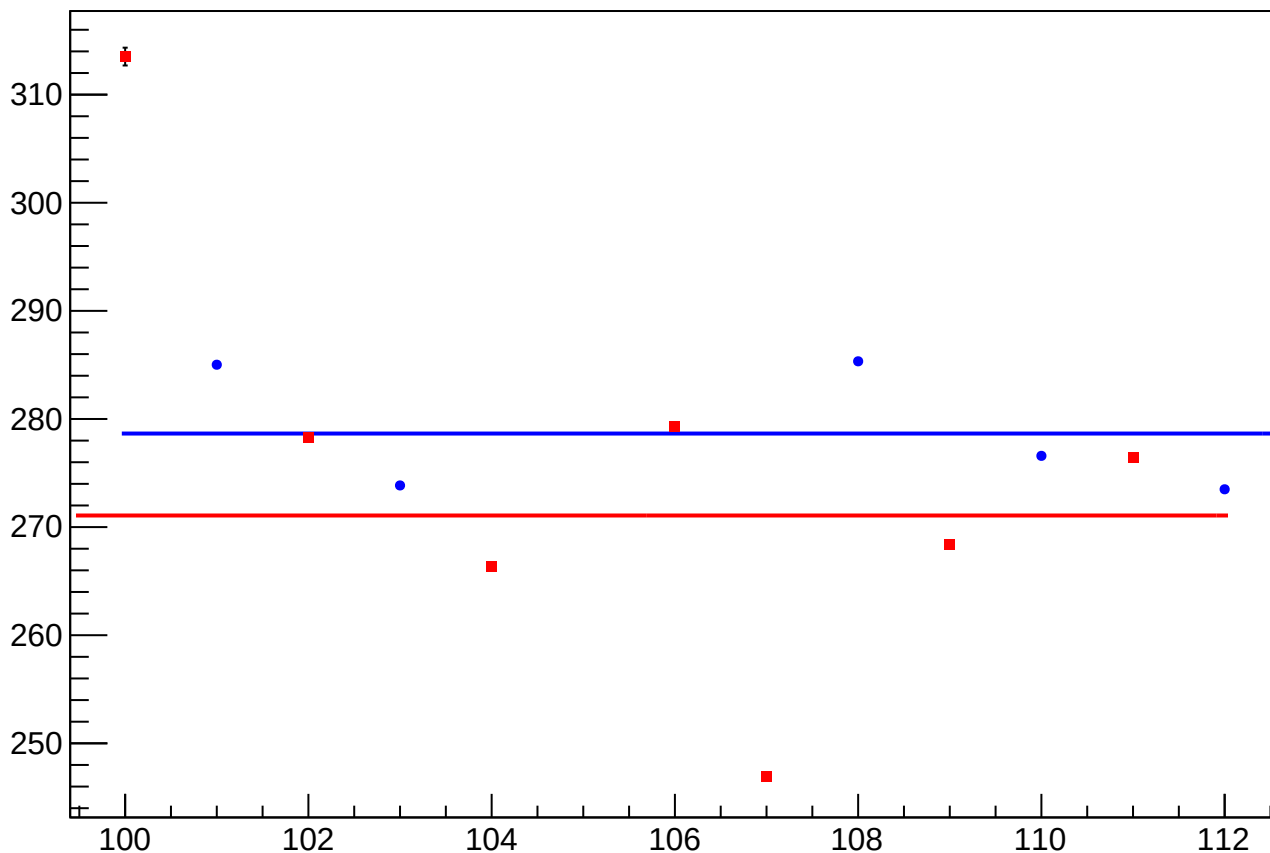
Right: 280.773+/-119.904 χ^2/NDF : 16.1/11

In: 306.624+/-175.377 χ^2/NDF : 2.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 280.773+/-119.904 χ^2/NDF : 16.1/11

eigen_dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 278.653+/-0.124 χ^2/NDF : 1850.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 271.073+/-0.116 χ^2/NDF : 9353.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

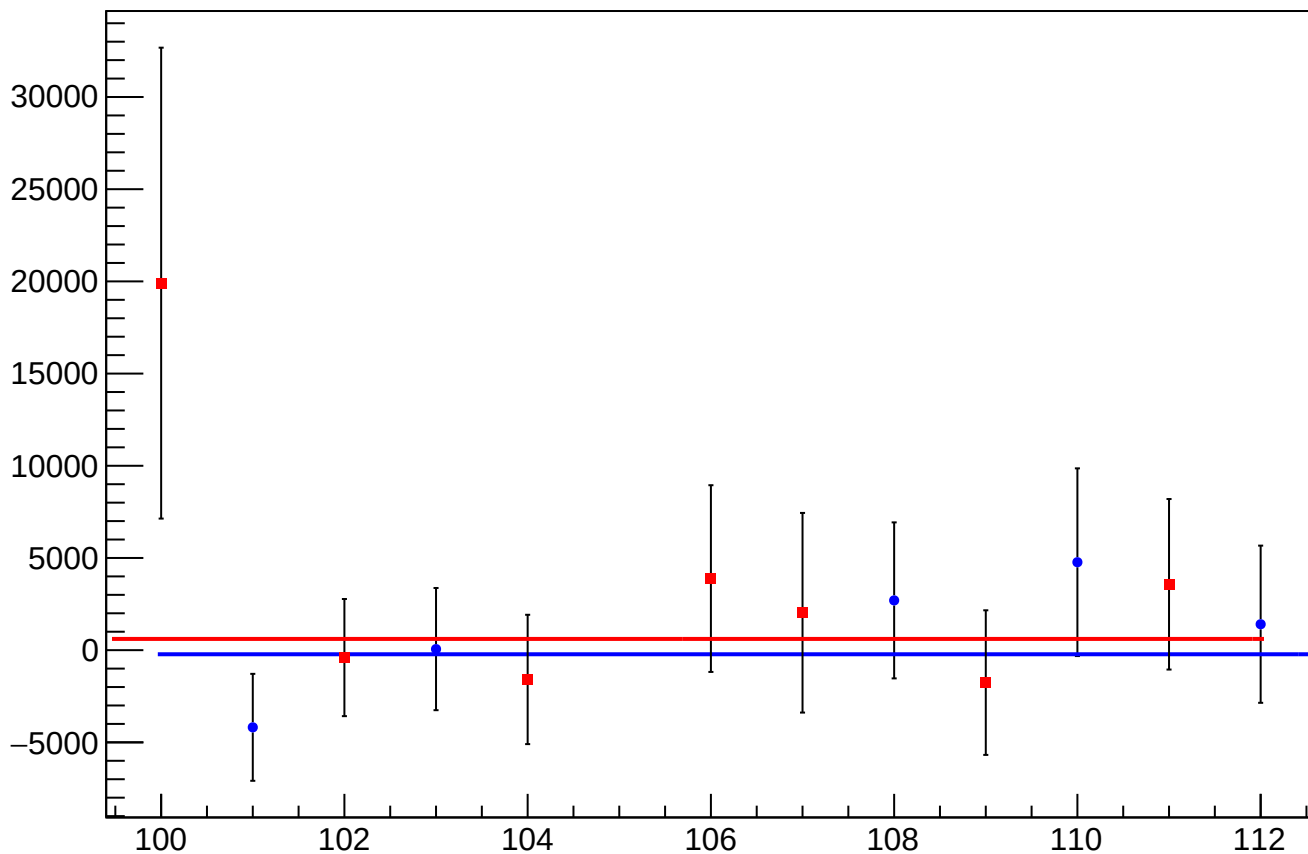
Right: 274.616+/-0.085 χ^2/NDF : 13194.1/11

In: 278.653+/-0.124 χ^2/NDF : 1850.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 274.616+/-0.085 χ^2/NDF : 13194.1/11

asym_sam_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -222.311+/-1667.816 χ^2/NDF : 3.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 609.528+/-1640.790 χ^2/NDF : 4.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

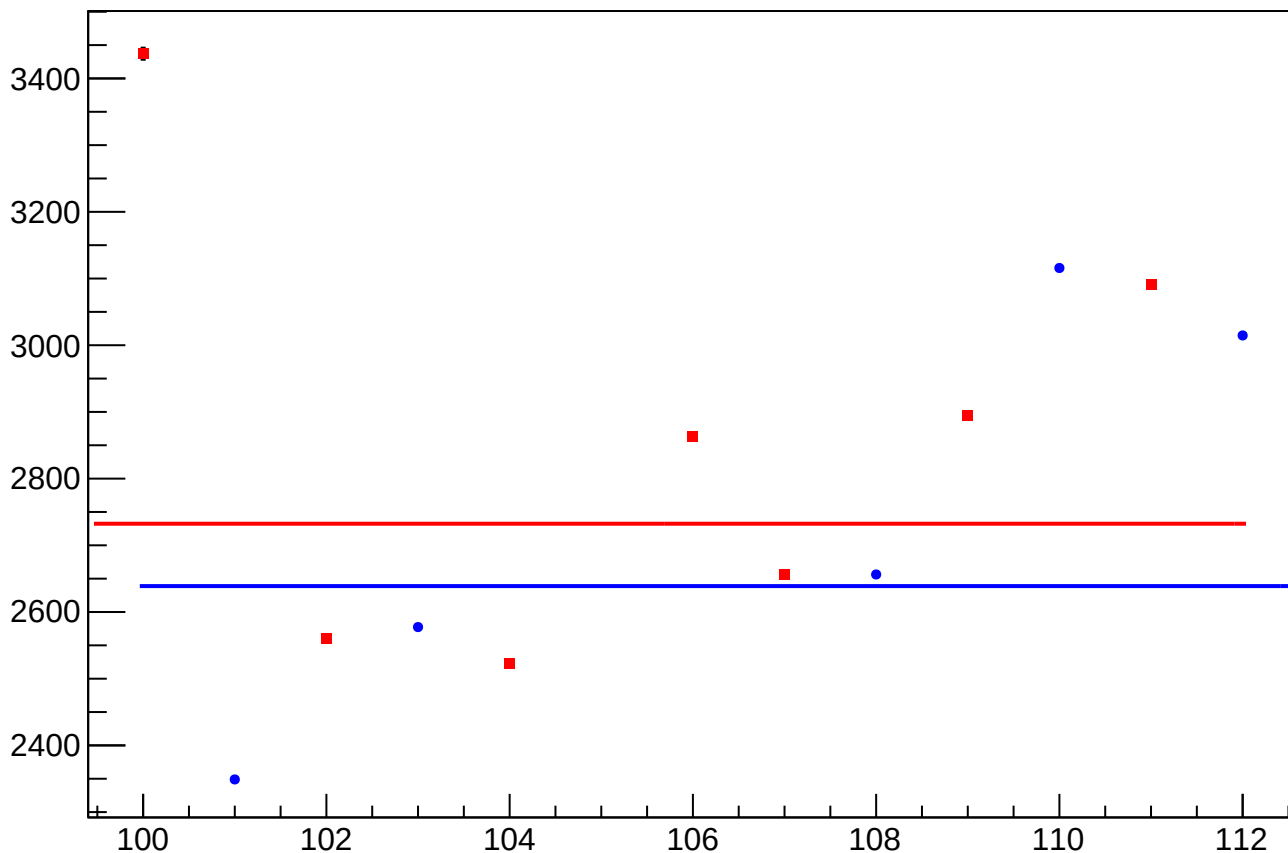
Right: 200.403+/-1169.652 χ^2/NDF : 7.6/11

In: -222.311+/-1667.816 χ^2/NDF : 3.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 200.403+/-1169.652 χ^2/NDF : 7.6/11

asym_sam_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2638.859+/-1.179 χ^2/NDF : 53815.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2732.365+/-1.160 χ^2/NDF : 36334.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

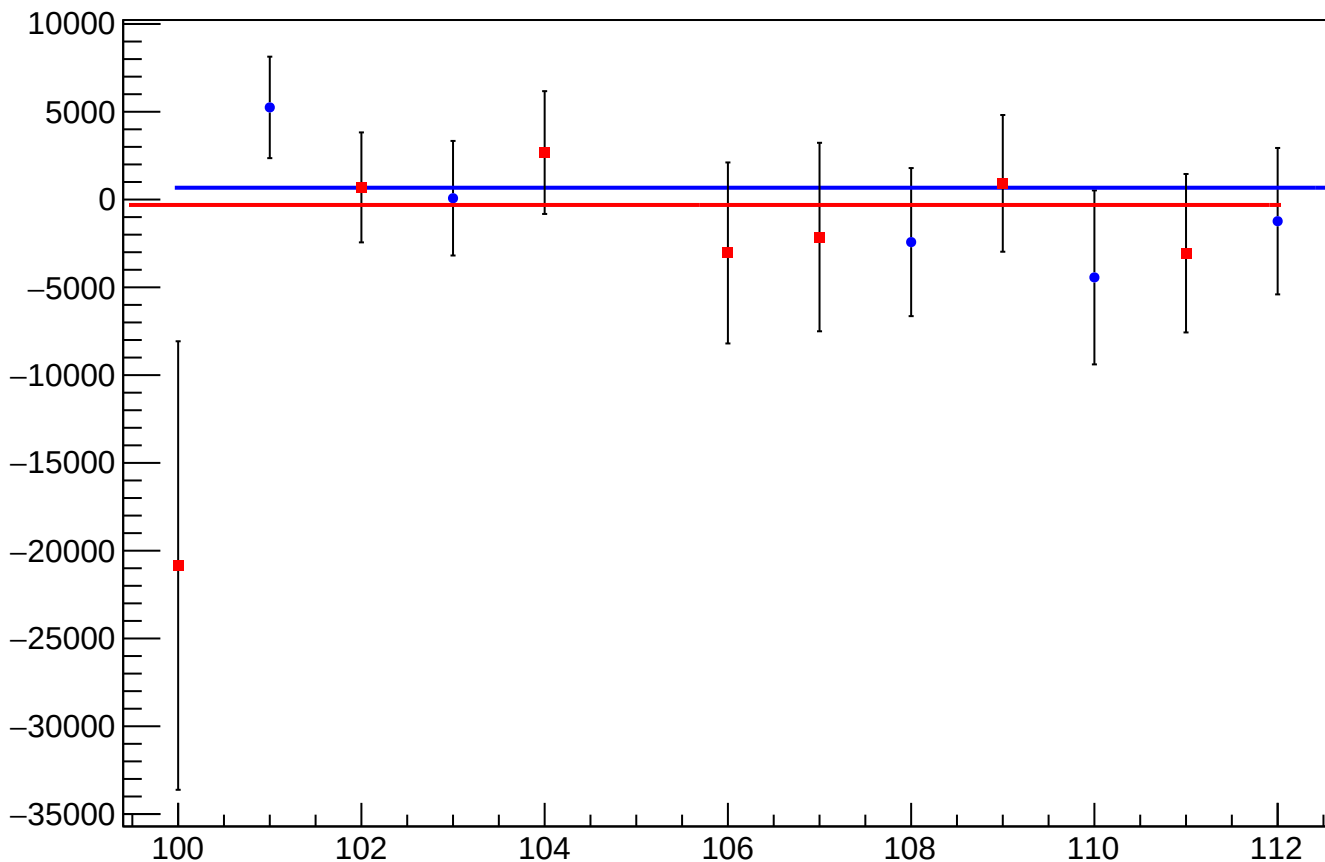
Right: 2686.376+/-0.827 χ^2/NDF : 93344.0/11

In: 2638.859+/-1.179 χ^2/NDF : 53815.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2686.376+/-0.827 χ^2/NDF : 93344.0/11

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 673.530+/-1648.082 χ^2/NDF : 4.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -308.155+/-1628.081 χ^2/NDF : 4.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

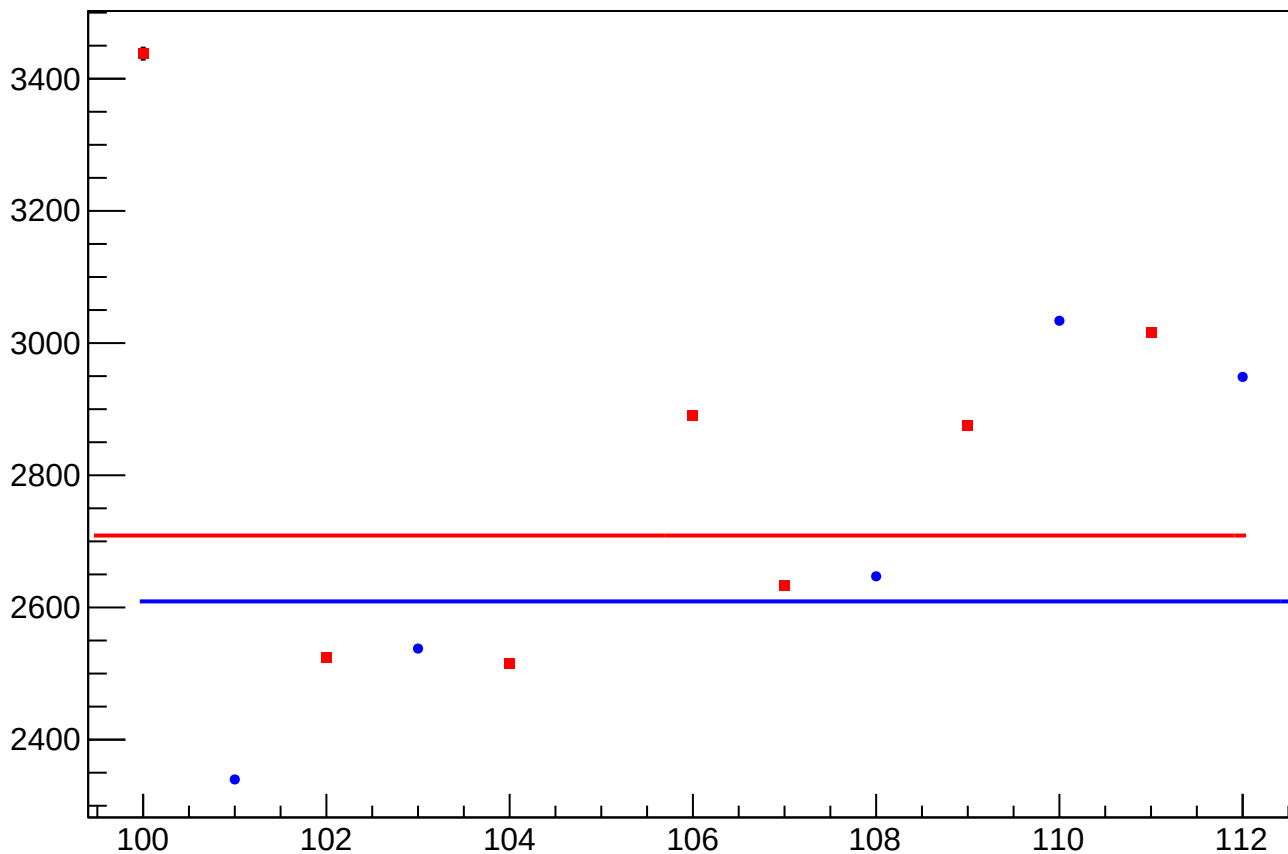
Right: 176.694+/-1158.234 χ^2/NDF : 8.8/11

In: 673.530+/-1648.082 χ^2/NDF : 4.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 176.694+/-1158.234 χ^2/NDF : 8.8/11

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2609.174+/-1.165 χ^2/NDF : 46455.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2708.836+/-1.151 χ^2/NDF : 35432.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

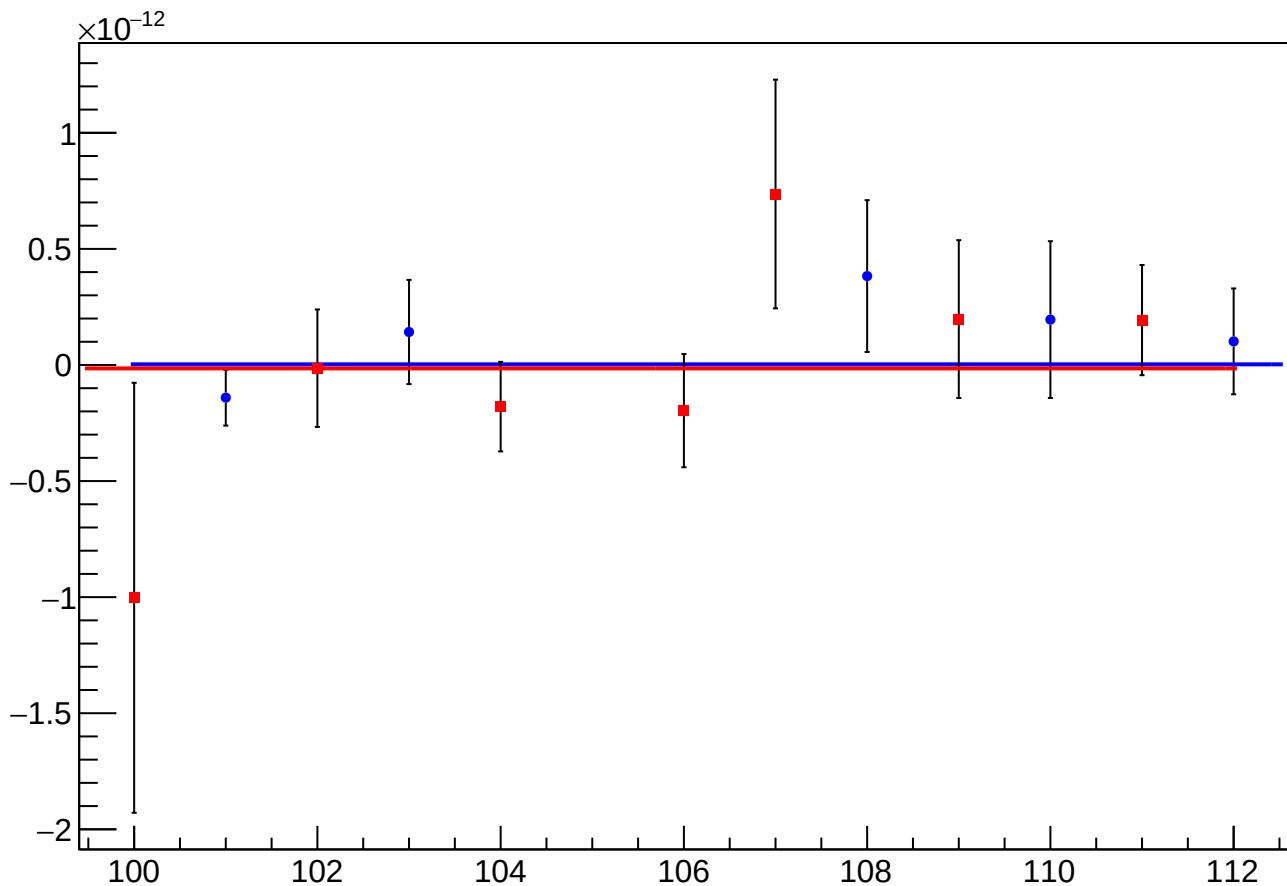
Right: 2659.613+/-0.819 χ^2/NDF : 85588.8/11

In: 2609.174+/-1.165 χ^2/NDF : 46455.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2659.613+/-0.819 χ^2/NDF : 85588.8/11

asym_sam_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

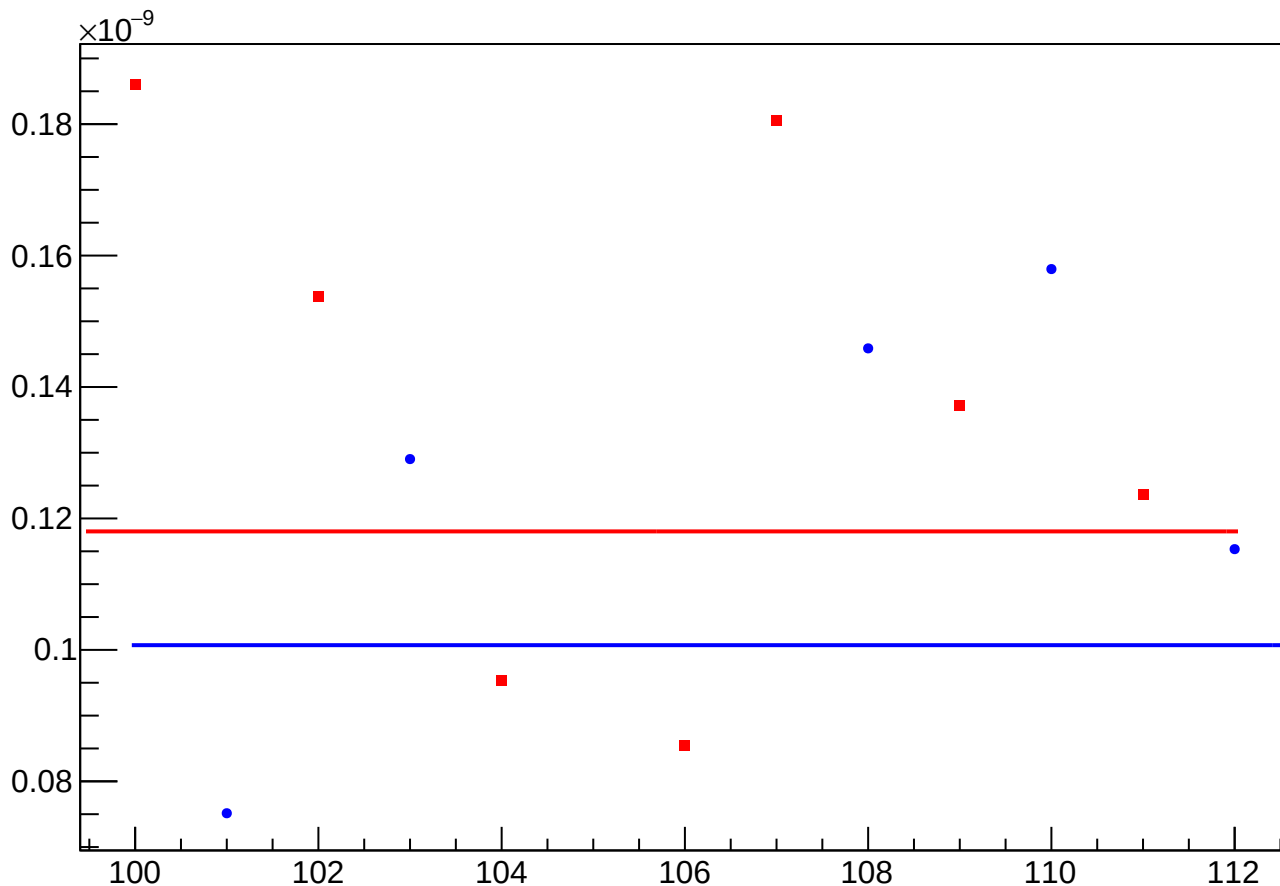
Right: -0.000+/-0.000 χ^2/NDF : 9.6/11

In: 0.000+/-0.000 χ^2/NDF : 3.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.6/11

asym_sam_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 226107.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 153985.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

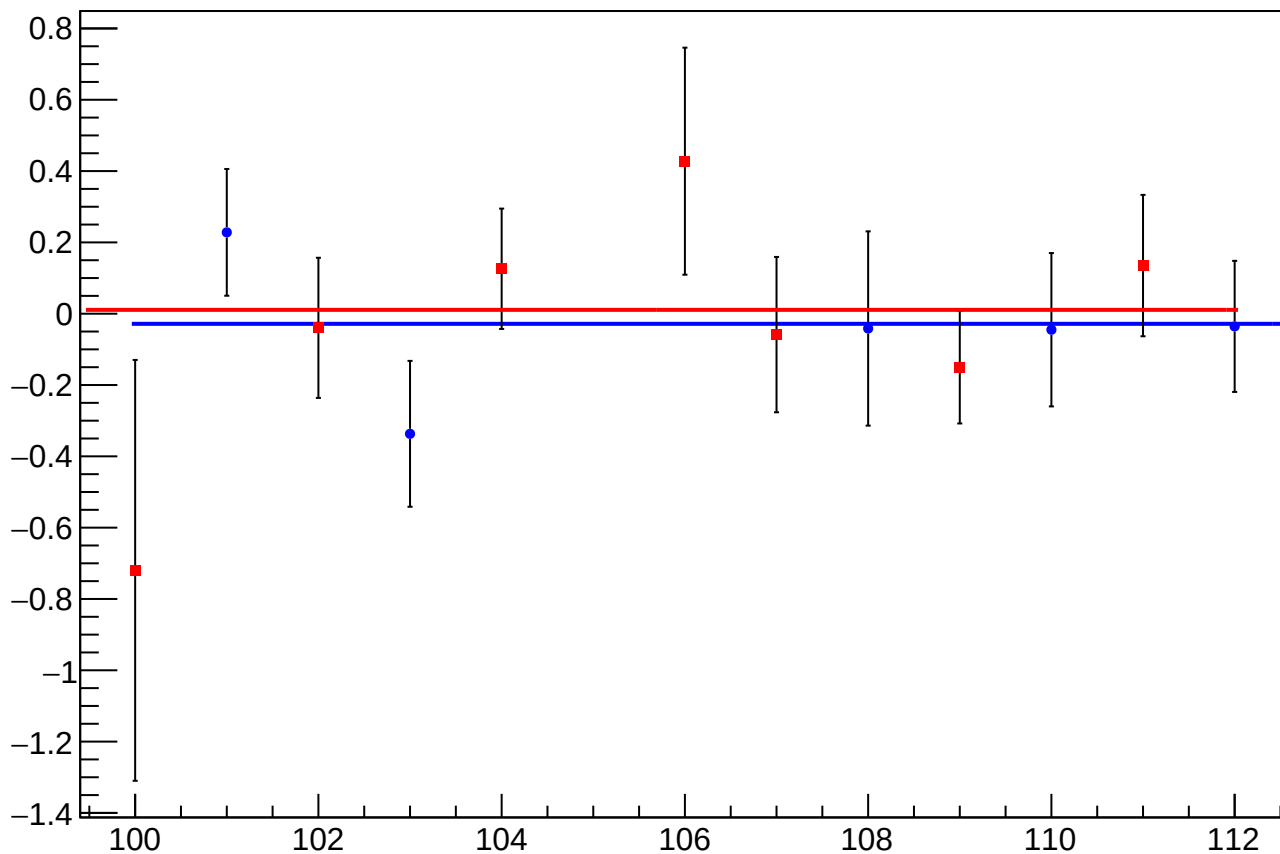
Right: 0.000+/-0.000 χ^2/NDF : 411811.3/11

In: 0.000+/-0.000 χ^2/NDF : 226107.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 411811.3/11

asym_sam_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028 $\pm$ 0.091 χ^2 /NDF: 4.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.011 $\pm$ 0.079 χ^2 /NDF: 5.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

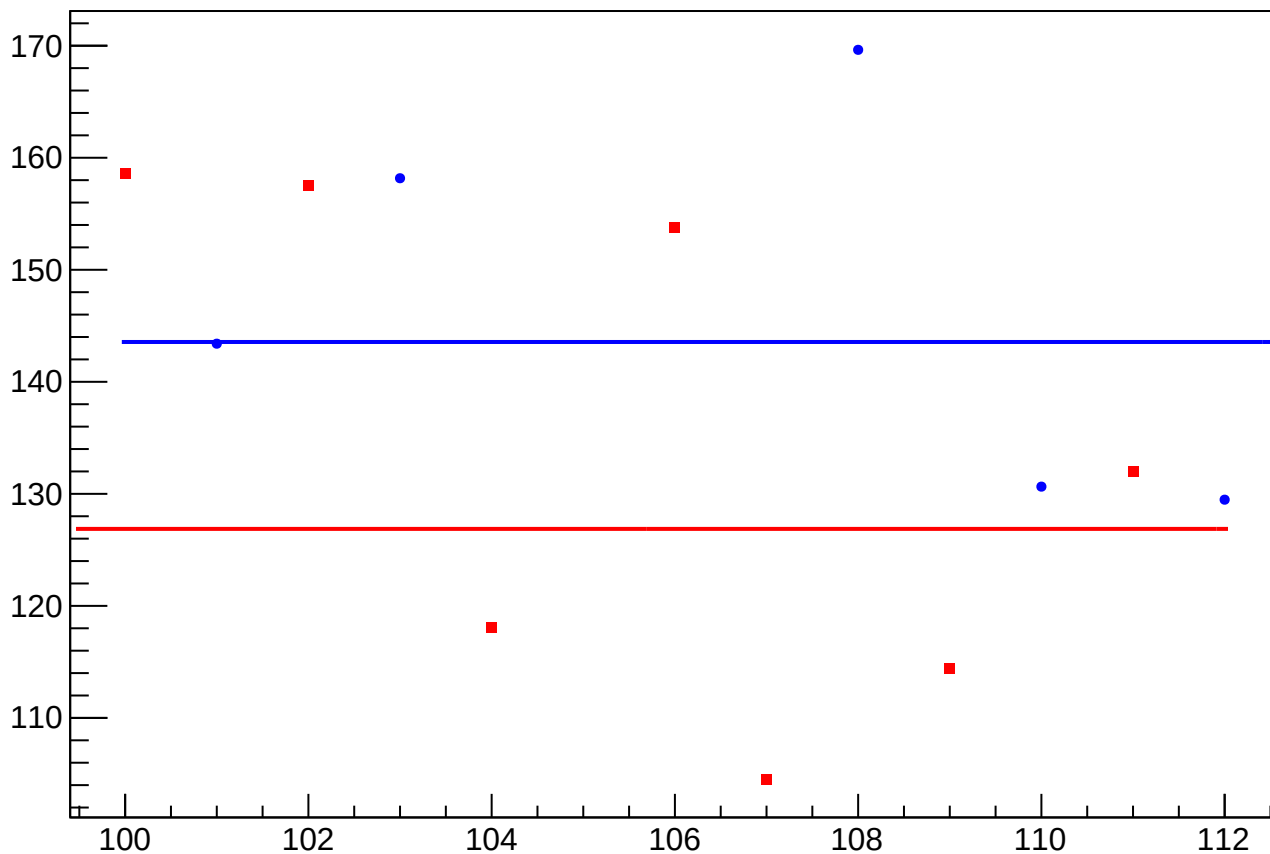
Right: -0.006 $\pm$ 0.060 χ^2 /NDF: 9.8/11

In: -0.028 $\pm$ 0.091 χ^2 /NDF:4.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.006 $\pm$ 0.060 χ^2 /NDF: 9.8/11

asym_sam_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 143.555 $\pm$ 0.064 χ^2 /NDF: 47476.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 126.872 $\pm$ 0.056 χ^2 /NDF: 108802.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

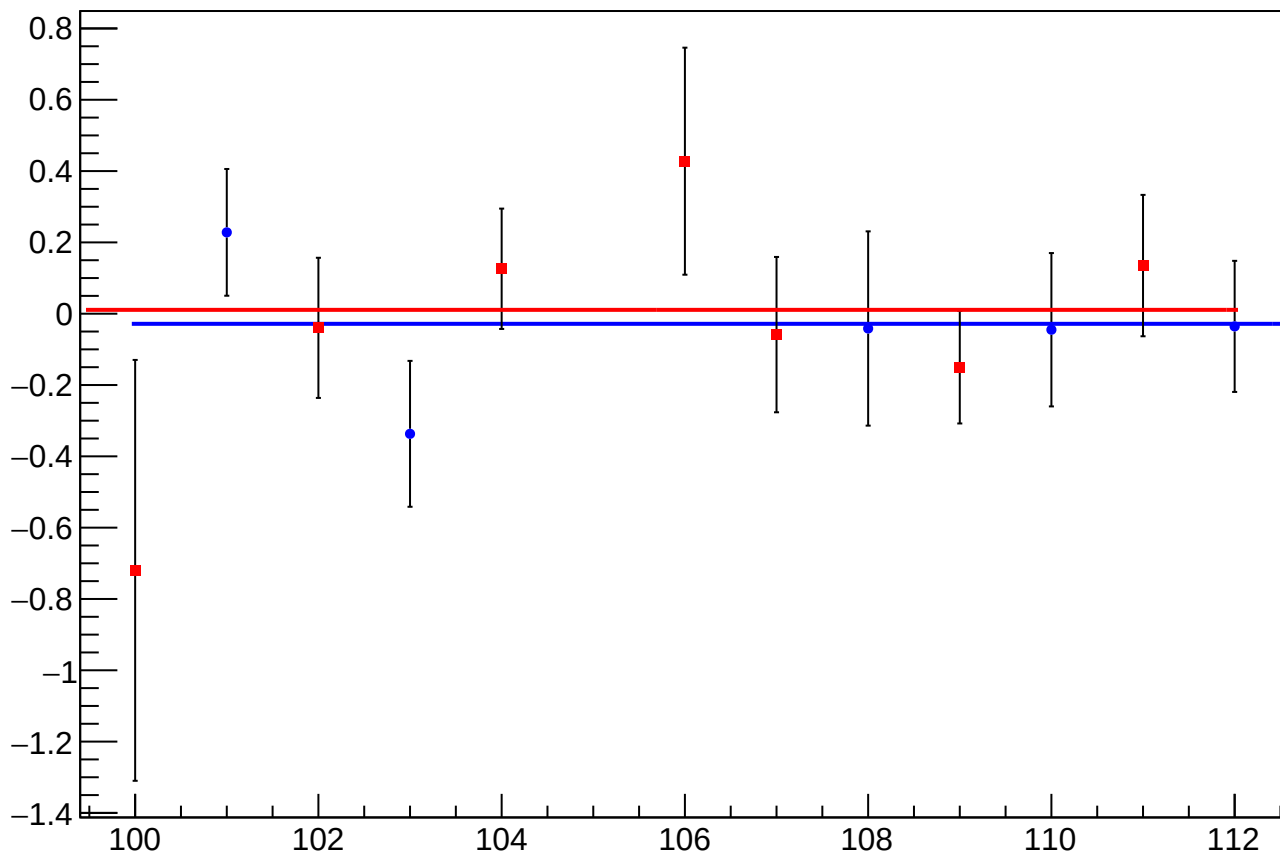
Right: 134.020 $\pm$ 0.042 χ^2 /NDF: 194537.0/11

In: 143.555 $\pm$ 0.064 χ^2 /NDF:47476.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 134.020 $\pm$ 0.042 χ^2 /NDF: 194537.0/11

asym_sam_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028+/-0.091 χ^2/NDF : 4.4/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.079 χ^2/NDF : 5.3/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

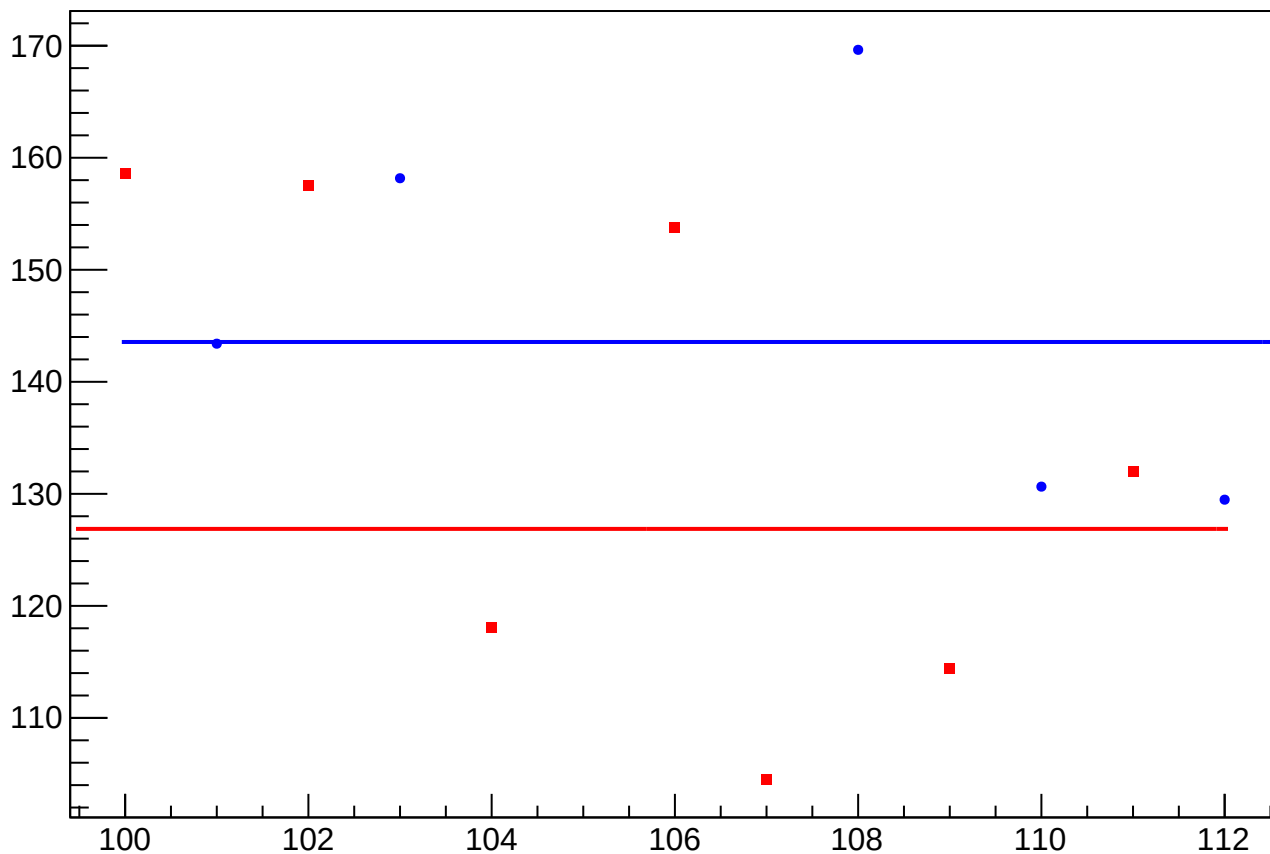
Right: -0.006+/-0.060 χ^2/NDF : 9.8/11

In: -0.028+/-0.091 χ^2/NDF :4.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.006+/-0.060 χ^2/NDF : 9.8/11

asym_sam_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 143.555+/-0.064 χ^2/NDF : 47476.1/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 126.872+/-0.056 χ^2/NDF : 108802.7/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

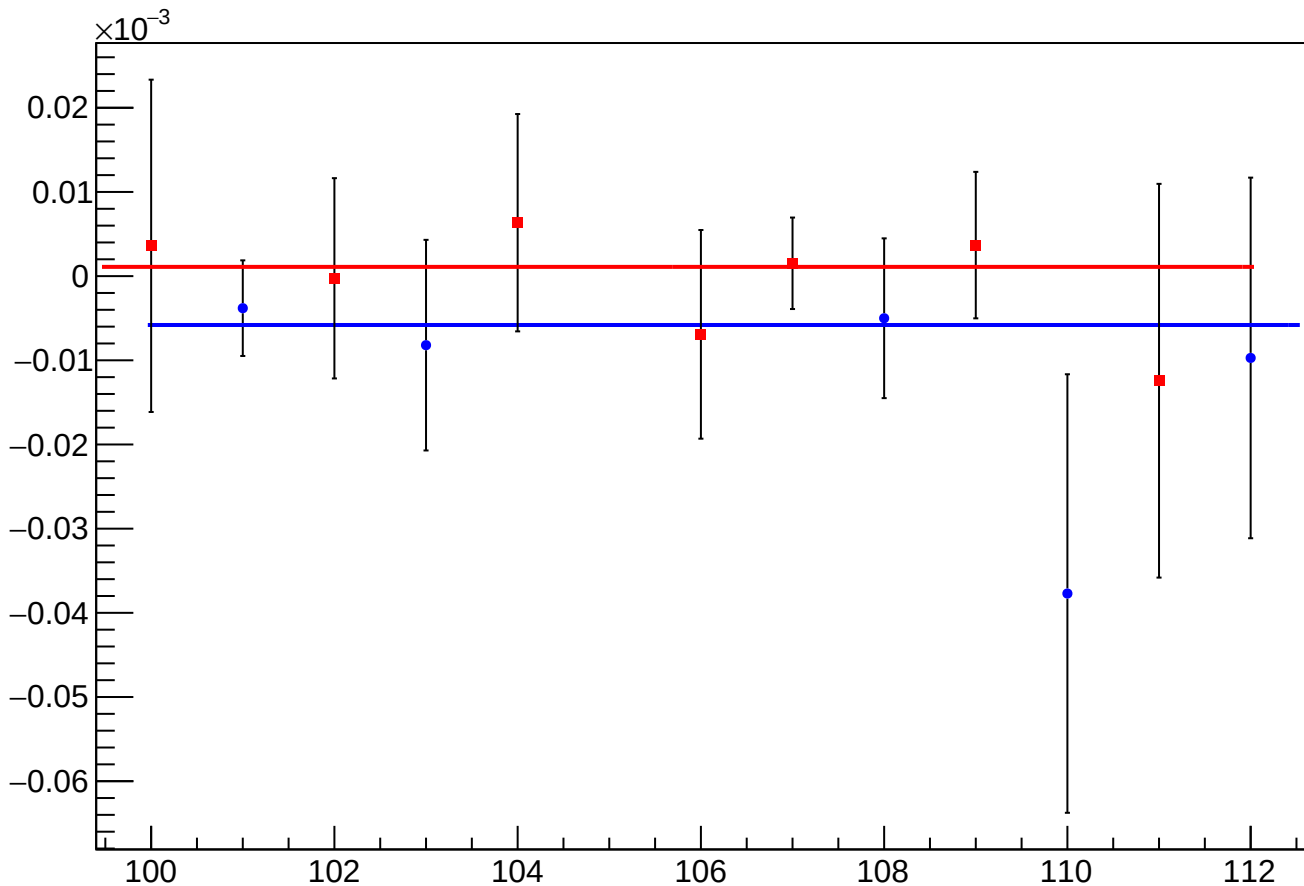
Right: 134.020+/-0.042 χ^2/NDF : 194537.0/11

In: 143.555+/-0.064 χ^2/NDF :47476.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 134.020+/-0.042 χ^2/NDF : 194537.0/11

asym_sam_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.7/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.0/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

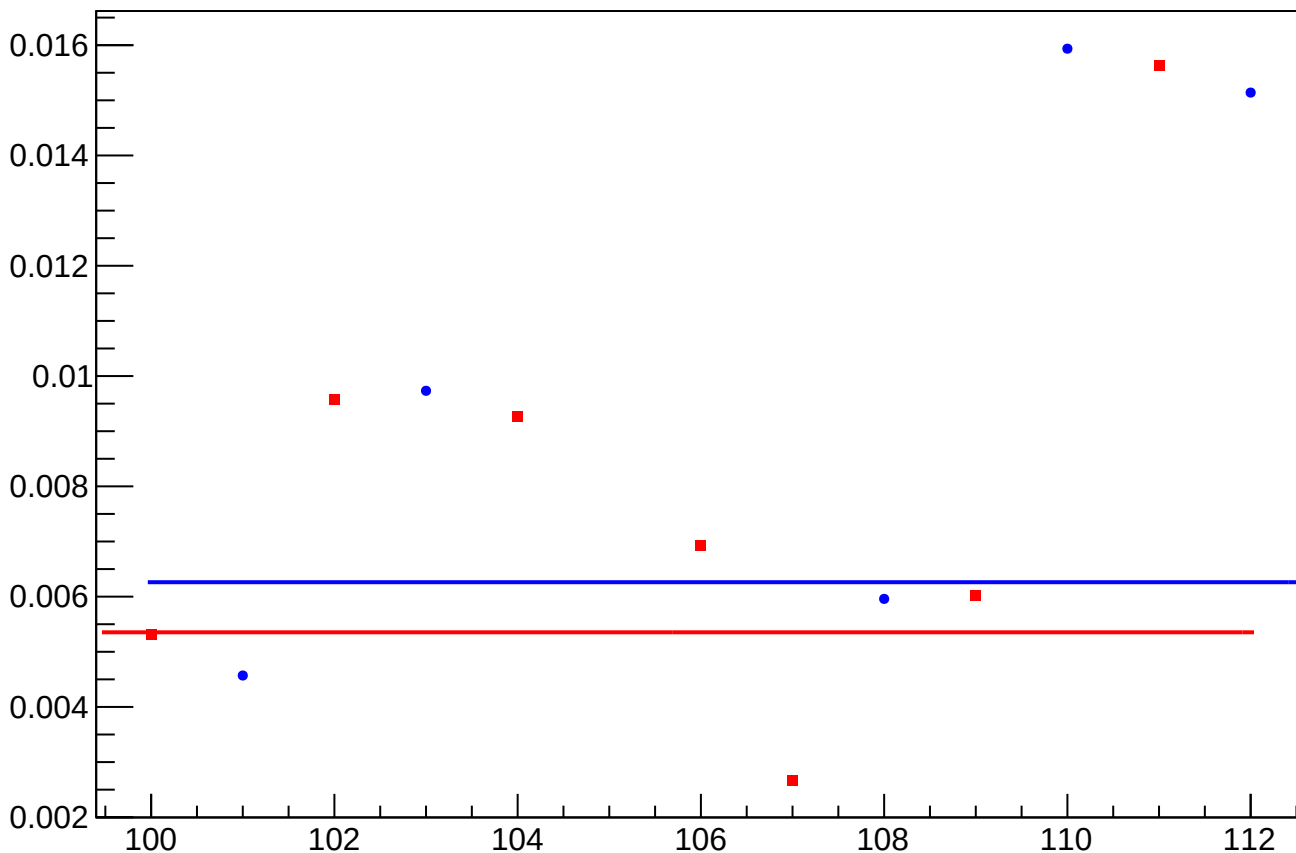
Right: -0.000+/-0.000 χ^2/NDF : 4.2/11

In: -0.000+/-0.000 χ^2/NDF :1.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.2/11

asym_sam_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 952950.6/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1356286.3/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

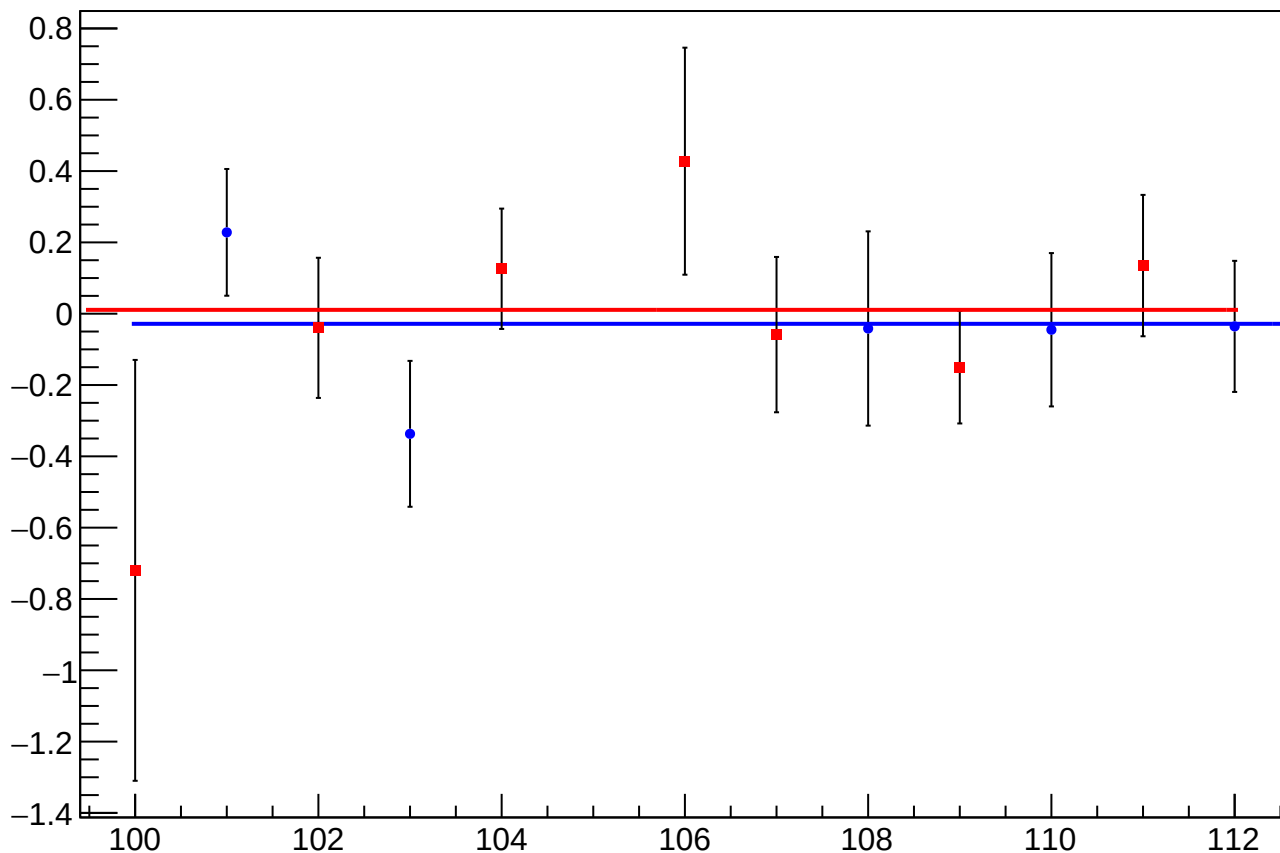
Right: 0.006+/-0.000 χ^2/NDF : 2358844.4/11

In: 0.006+/-0.000 χ^2/NDF :952950.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 2358844.4/11

asym_sam_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028 $\pm$ 0.091 χ^2 /NDF: 4.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.011 $\pm$ 0.079 χ^2 /NDF: 5.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

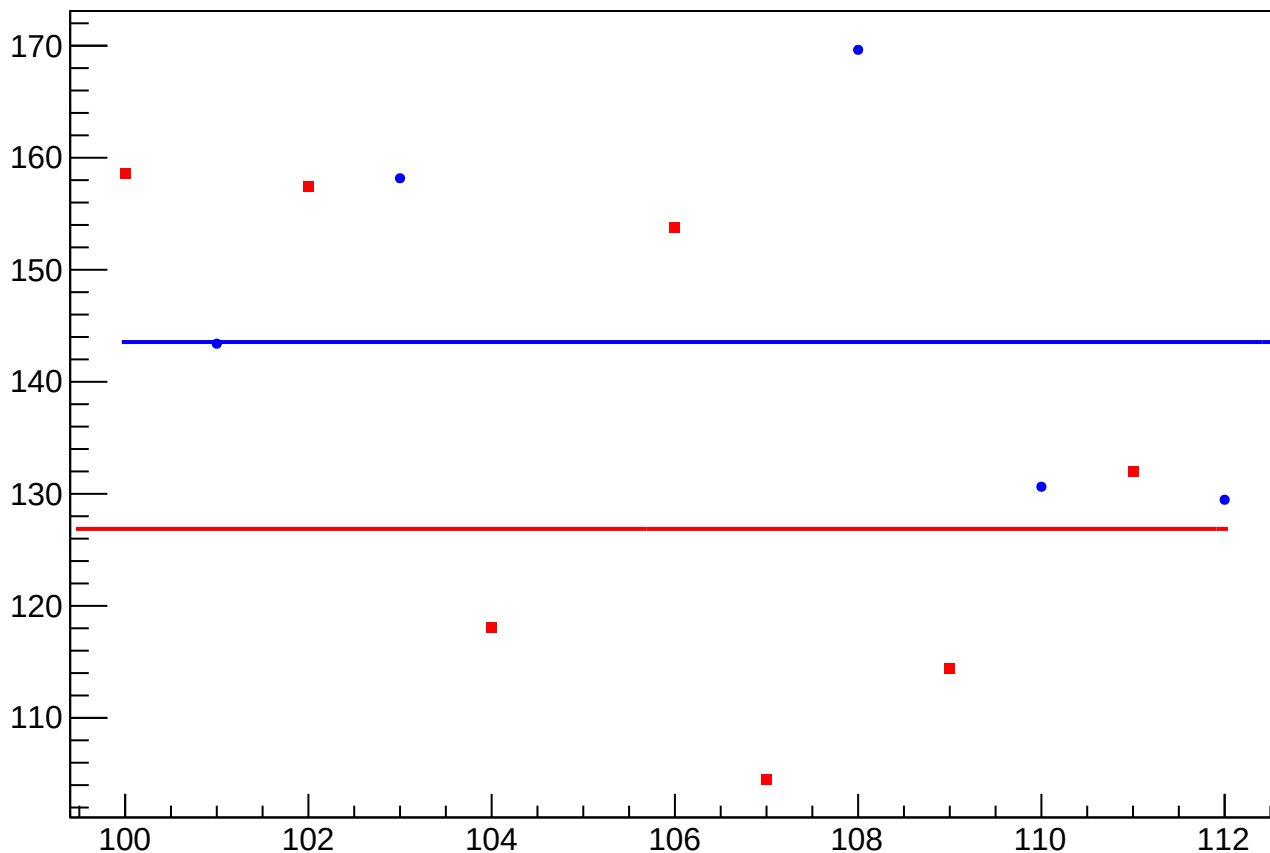
Right: -0.006 $\pm$ 0.060 χ^2 /NDF: 9.8/11

In: -0.028 $\pm$ 0.091 χ^2 /NDF:4.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.006 $\pm$ 0.060 χ^2 /NDF: 9.8/11

asym_sam_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 143.551+/-0.064 χ^2/NDF : 47496.4/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 126.869+/-0.056 χ^2/NDF : 108802.2/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

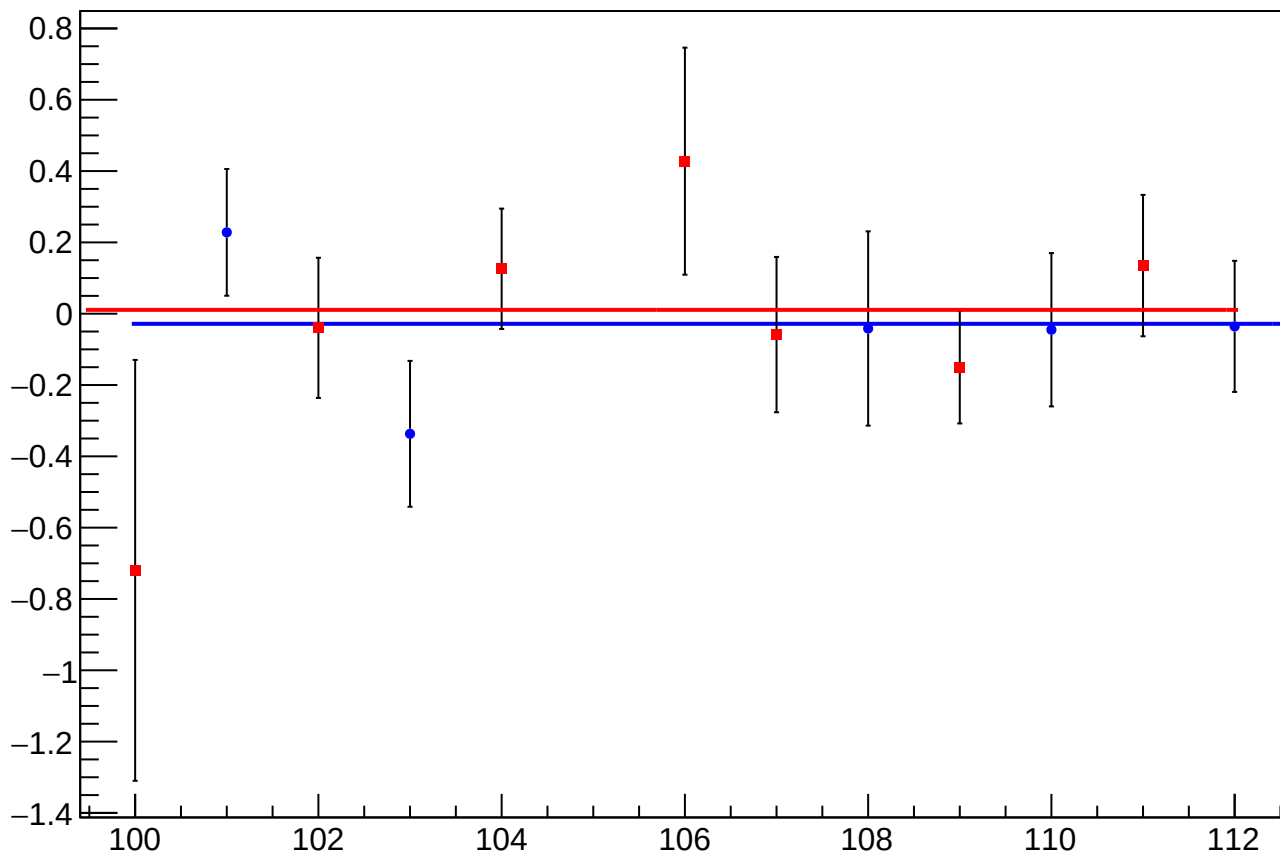
Right: 134.017+/-0.042 χ^2/NDF : 194550.7/11

In: 143.551+/-0.064 χ^2/NDF :47496.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 134.017+/-0.042 χ^2/NDF : 194550.7/11

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028+/-0.091 χ^2/NDF : 4.4/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.079 χ^2/NDF : 5.3/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

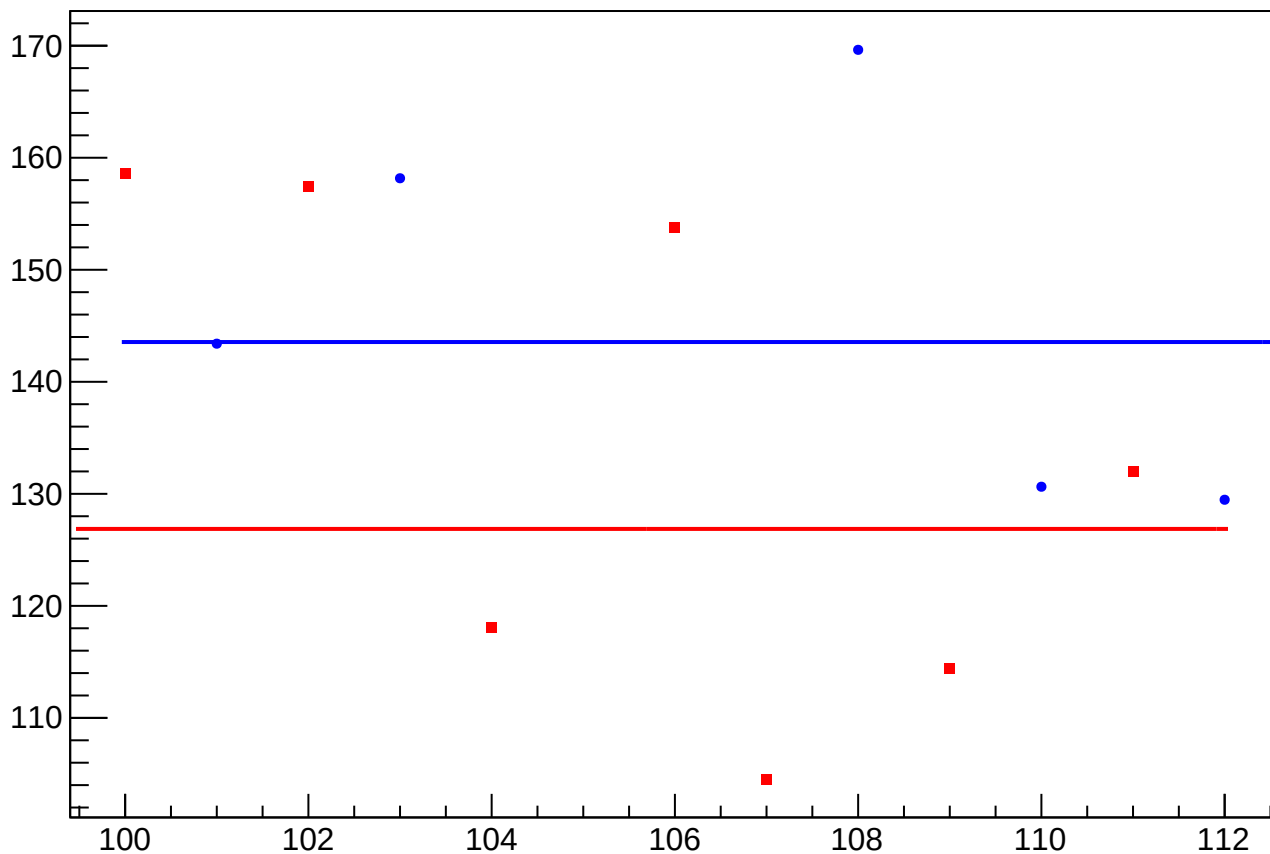
Right: -0.006+/-0.060 χ^2/NDF : 9.8/11

In: -0.028+/-0.091 χ^2/NDF :4.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.006+/-0.060 χ^2/NDF : 9.8/11

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 143.551+/-0.064 χ^2/NDF : 47496.4/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 126.869+/-0.056 χ^2/NDF : 108802.2/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

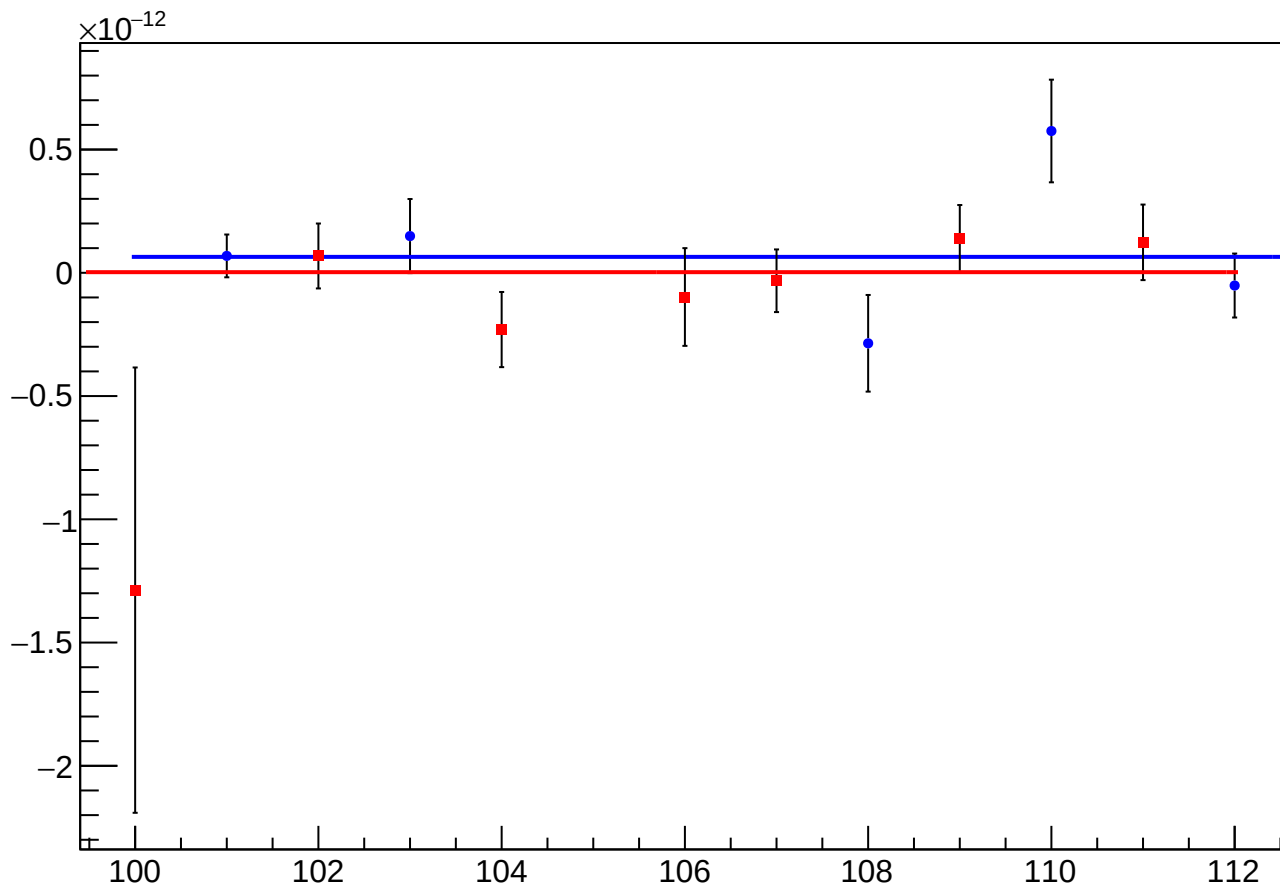
Right: 134.017+/-0.042 χ^2/NDF : 194550.7/11

In: 143.551+/-0.064 χ^2/NDF :47496.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 134.017+/-0.042 χ^2/NDF : 194550.7/11

asym_sam_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

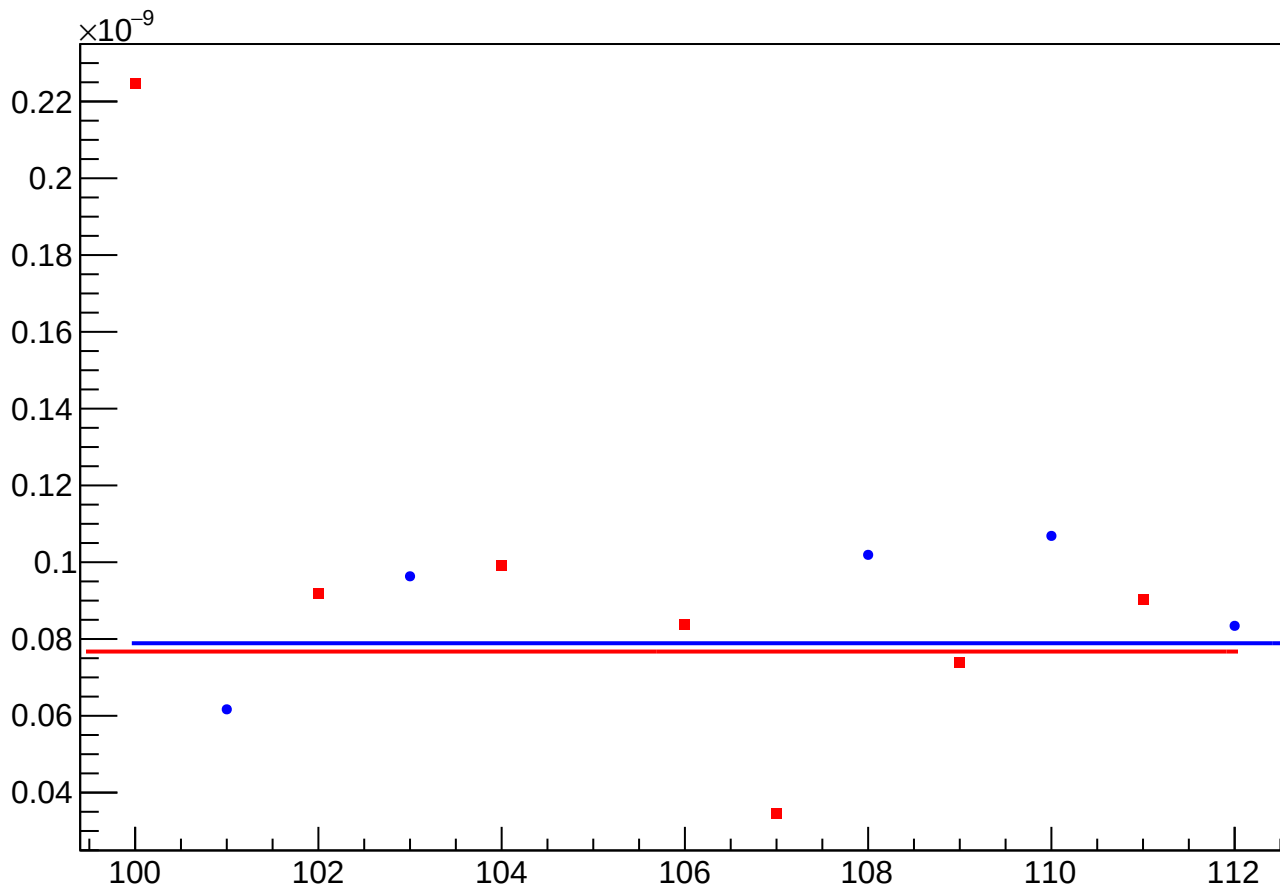
Right: 0.000+/-0.000 χ^2/NDF : 17.5/11

In: 0.000+/-0.000 χ^2/NDF : 10.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.5/11

asym_sam_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 171686.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 362182.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

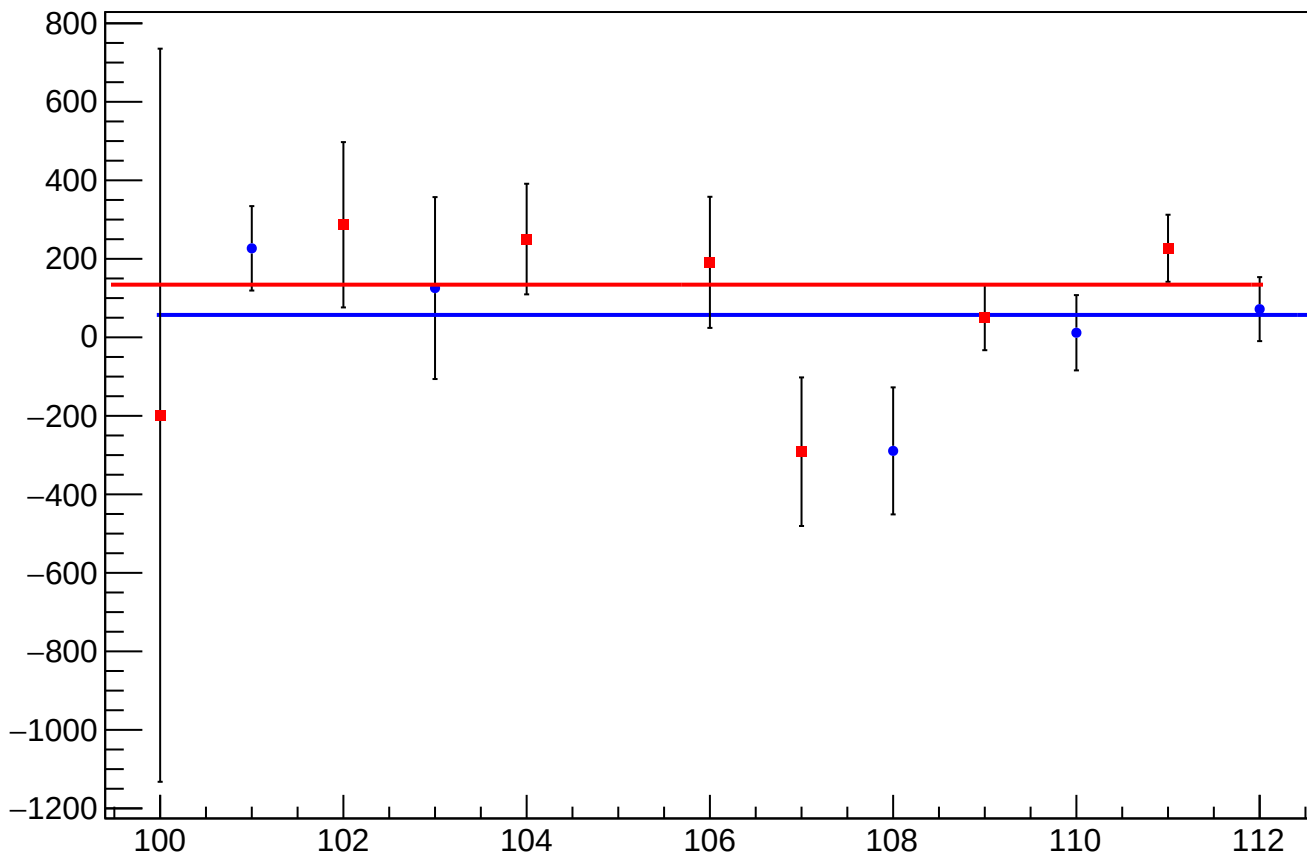
Right: 0.000+/-0.000 χ^2/NDF : 535209.2/11

In: 0.000+/-0.000 χ^2/NDF : 171686.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 535209.2/11

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 57.101+/-49.848 χ^2/NDF : 7.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.191+/-48.980 χ^2/NDF : 8.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

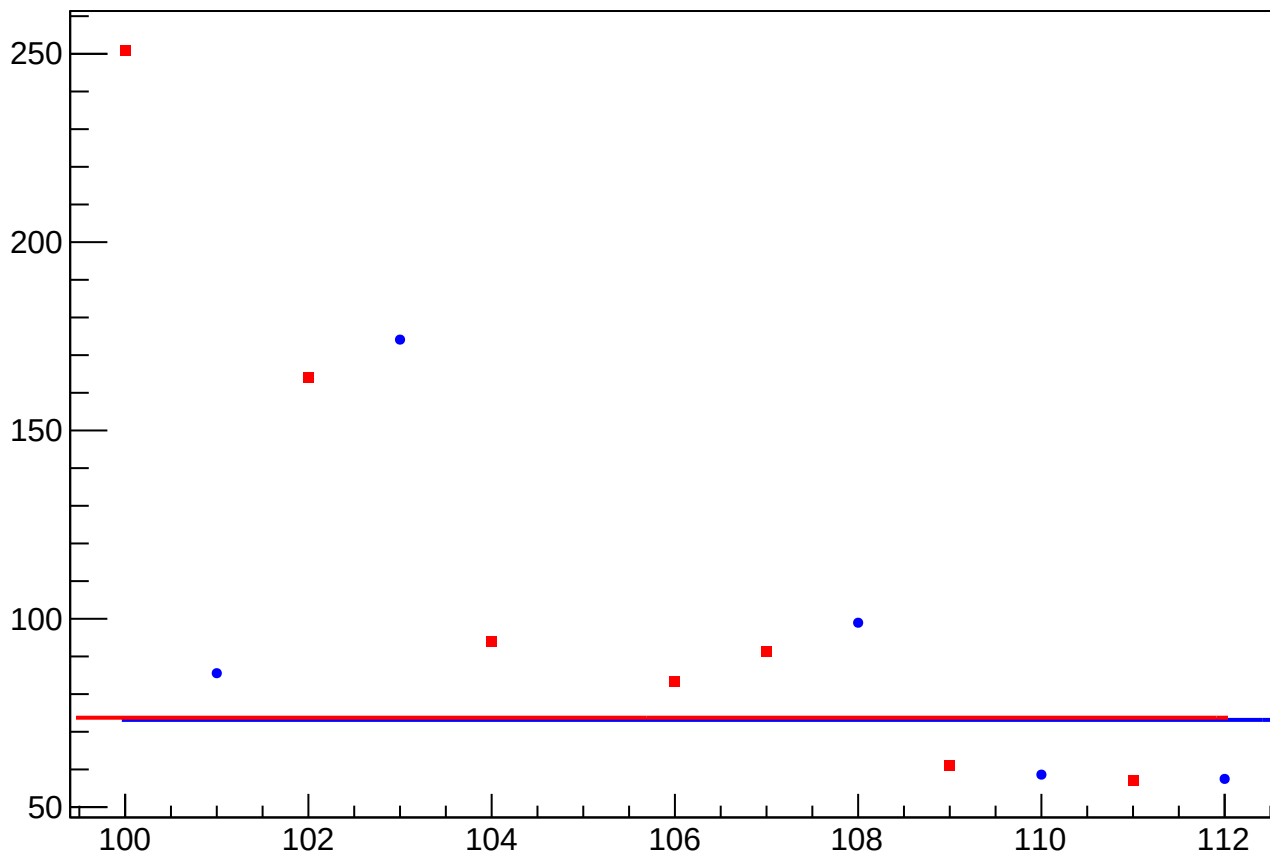
Right: 96.323+/-34.937 χ^2/NDF : 17.3/11

In: 57.101+/-49.848 χ^2/NDF : 7.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.323+/-34.937 χ^2/NDF : 17.3/11

reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 73.155+/-0.035 χ^2/NDF : 576843.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.734+/-0.035 χ^2/NDF : 626998.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

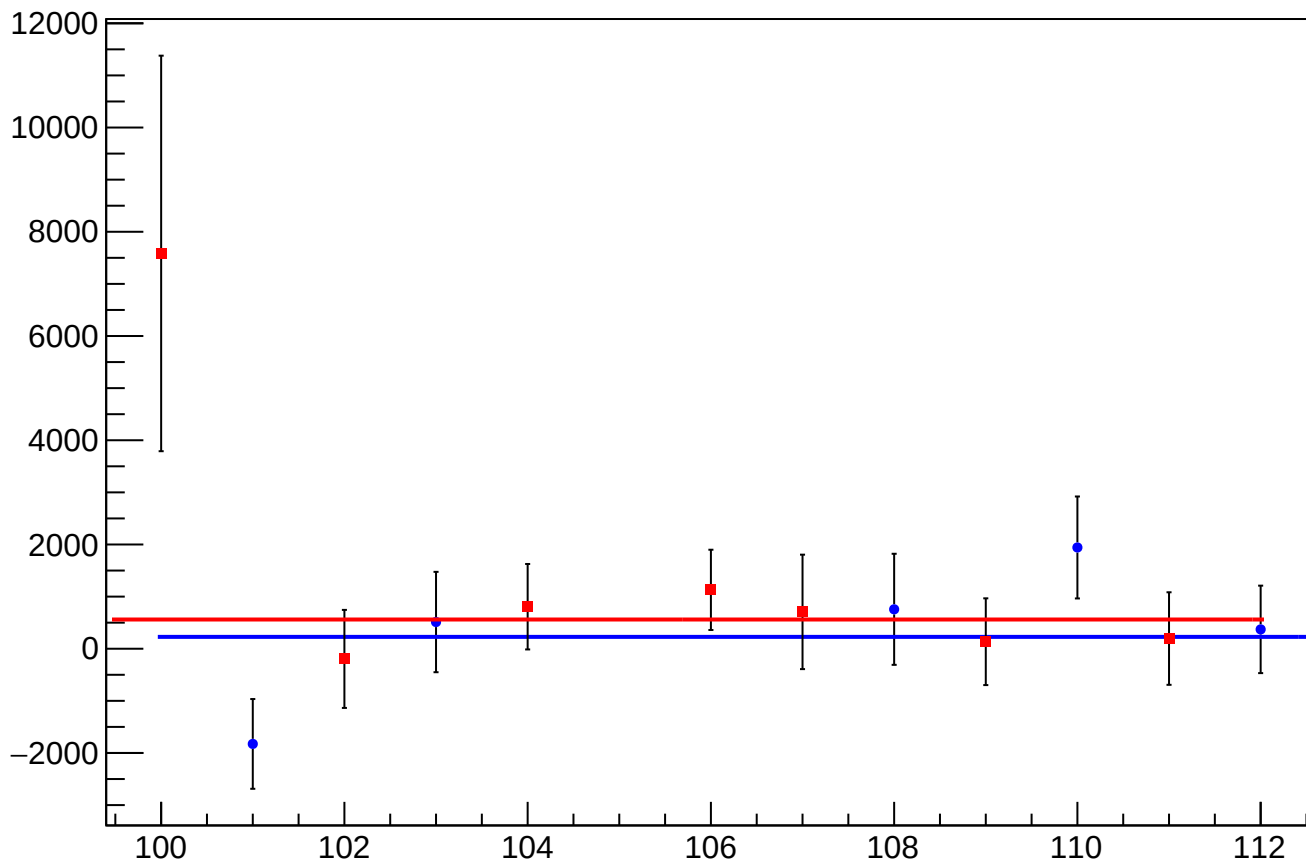
Right: 73.450+/-0.025 χ^2/NDF : 1203979.0/11

In: 73.155+/-0.035 χ^2/NDF : 576843.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.450+/-0.025 χ^2/NDF : 1203979.0/11

asym_sam_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 227.504+/-416.187 χ^2/NDF : 9.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 560.704+/-355.402 χ^2/NDF : 5.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

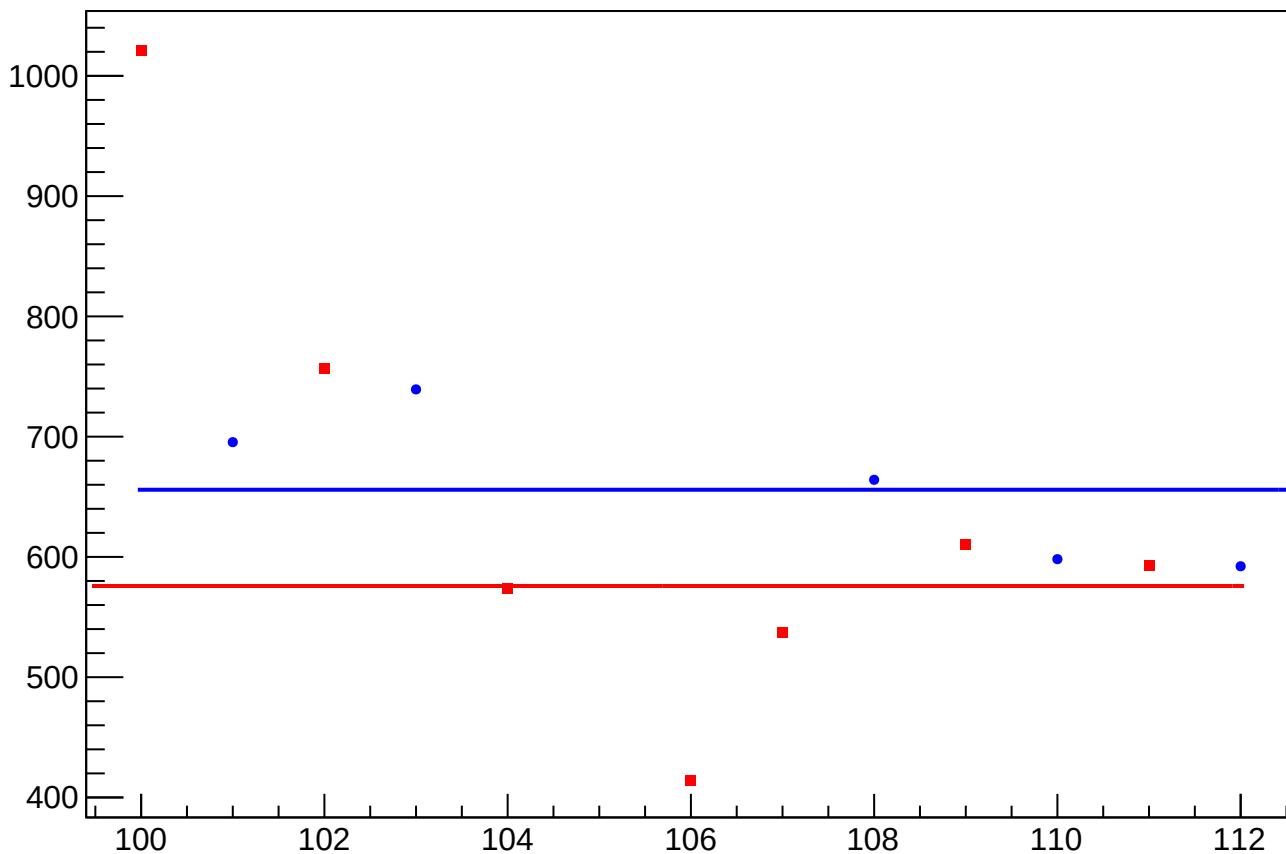
Right: 420.191+/-270.268 χ^2/NDF : 14.7/11

In: 227.504+/-416.187 χ^2/NDF : 9.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 420.191+/-270.268 χ^2/NDF : 14.7/11

asym_sam_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 655.858+/-0.294 χ^2/NDF : 37830.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 575.837+/-0.251 χ^2/NDF : 196272.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

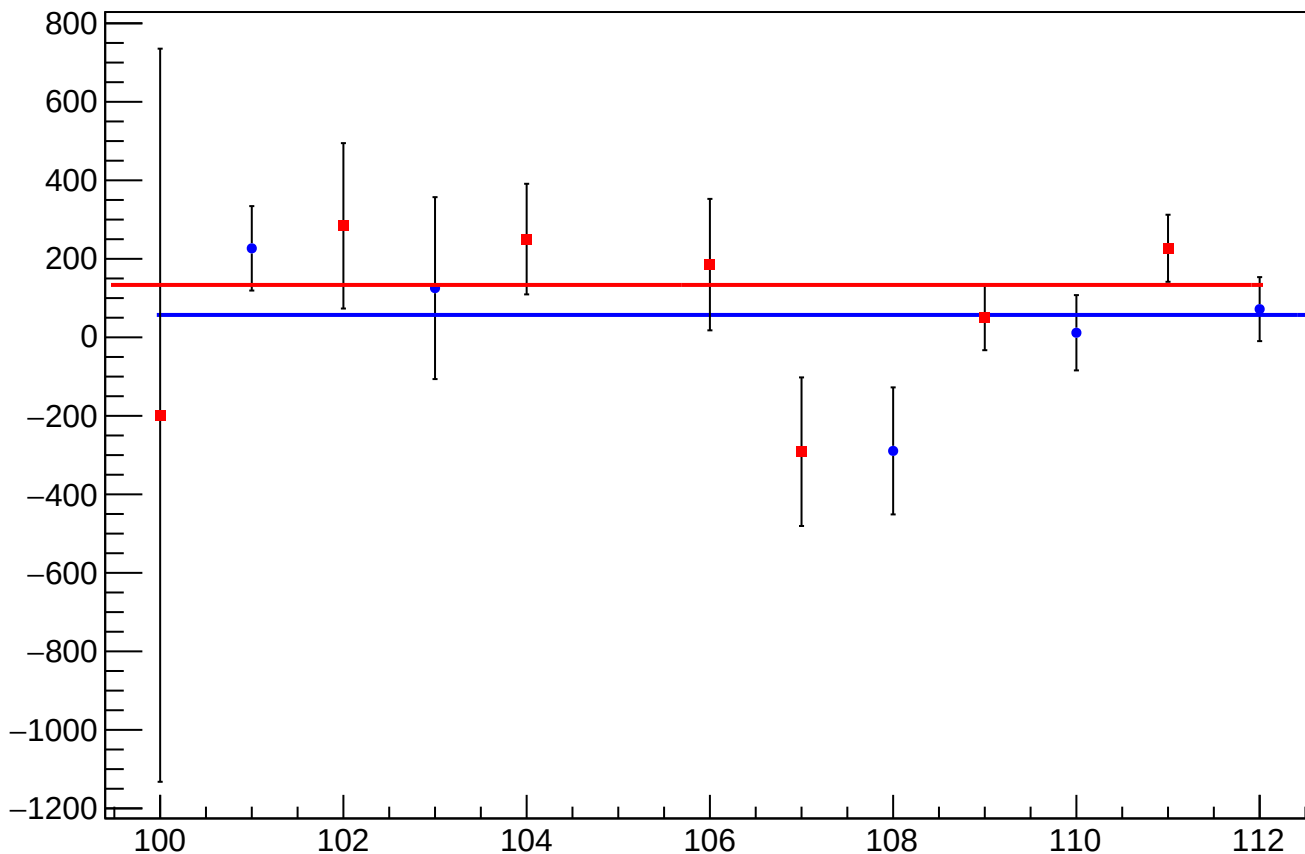
Right: 609.582+/-0.191 χ^2/NDF : 276860.2/11

In: 655.858+/-0.294 χ^2/NDF : 37830.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 609.582+/-0.191 χ^2/NDF : 276860.2/11

cor_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 57.087+/-49.848 χ^2/NDF : 7.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.508+/-48.992 χ^2/NDF : 8.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

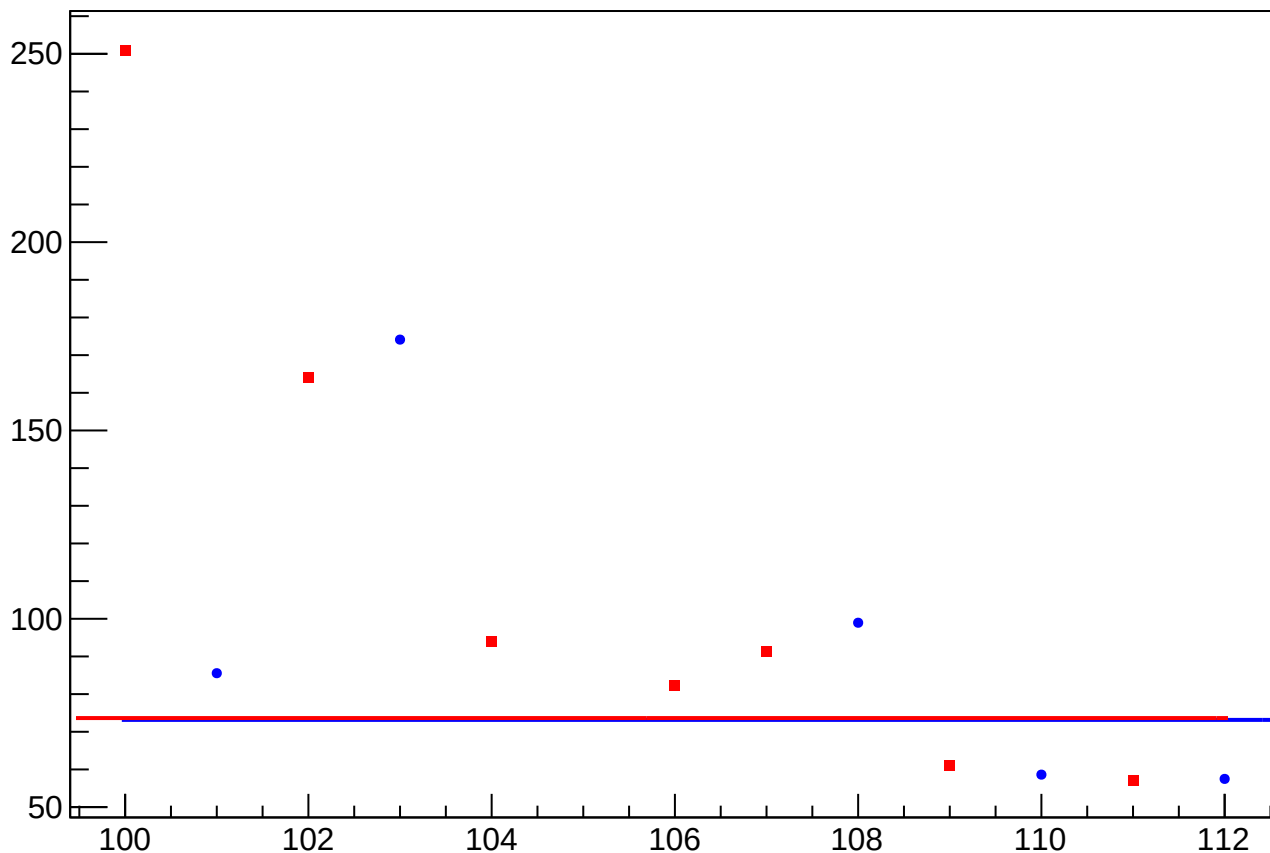
Right: 95.959+/-34.941 χ^2/NDF : 17.2/11

In: 57.087+/-49.848 χ^2/NDF : 7.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.959+/-34.941 χ^2/NDF : 17.2/11

cor_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 73.155+/-0.035 χ^2/NDF : 576845.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.642+/-0.035 χ^2/NDF : 625829.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

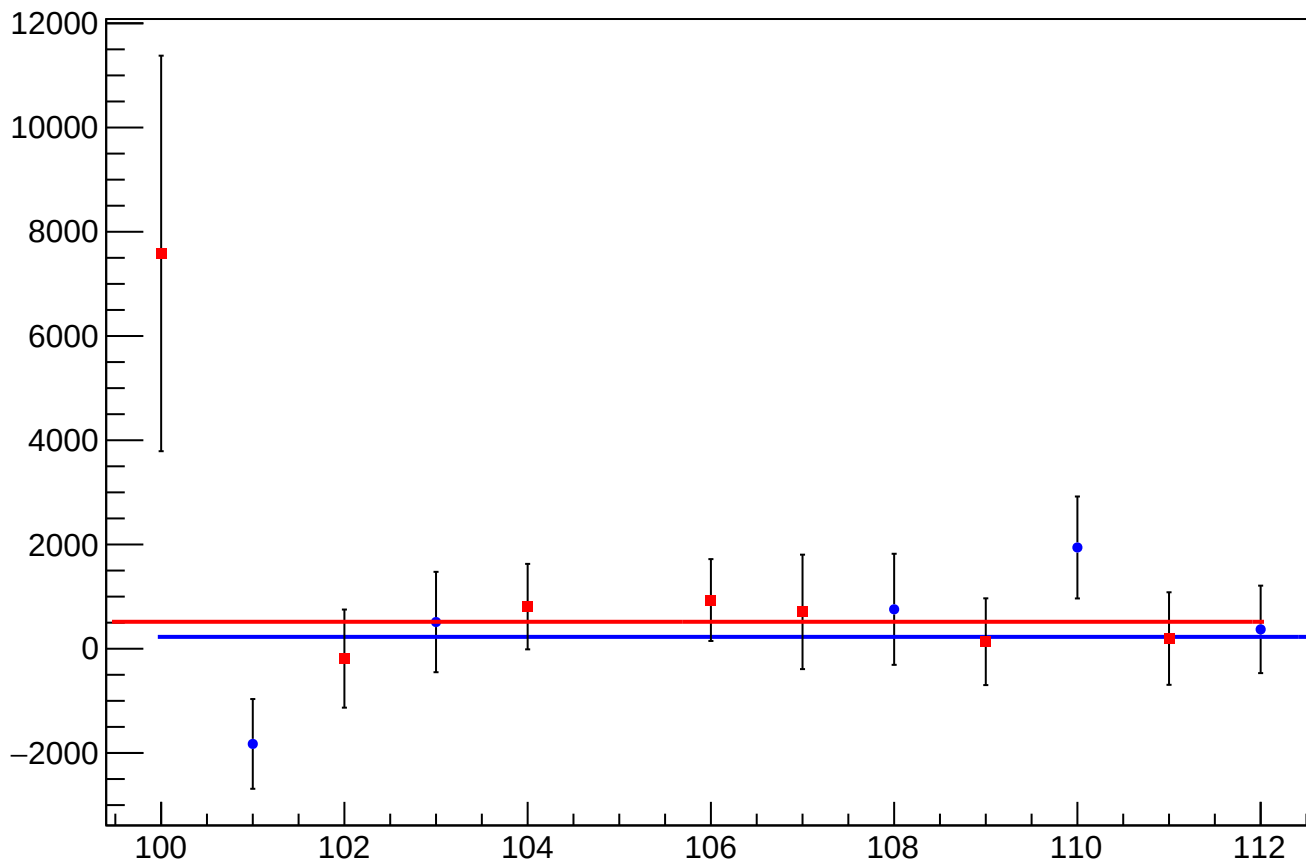
Right: 73.403+/-0.025 χ^2/NDF : 1202771.8/11

In: 73.155+/-0.035 χ^2/NDF : 576845.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.403+/-0.025 χ^2/NDF : 1202771.8/11

asym_sam_37_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 227.527 $\pm$ 416.196 χ^2 /NDF: 9.1/4

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 516.990 $\pm$ -356.945 χ^2 /NDF: 4.8/6

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

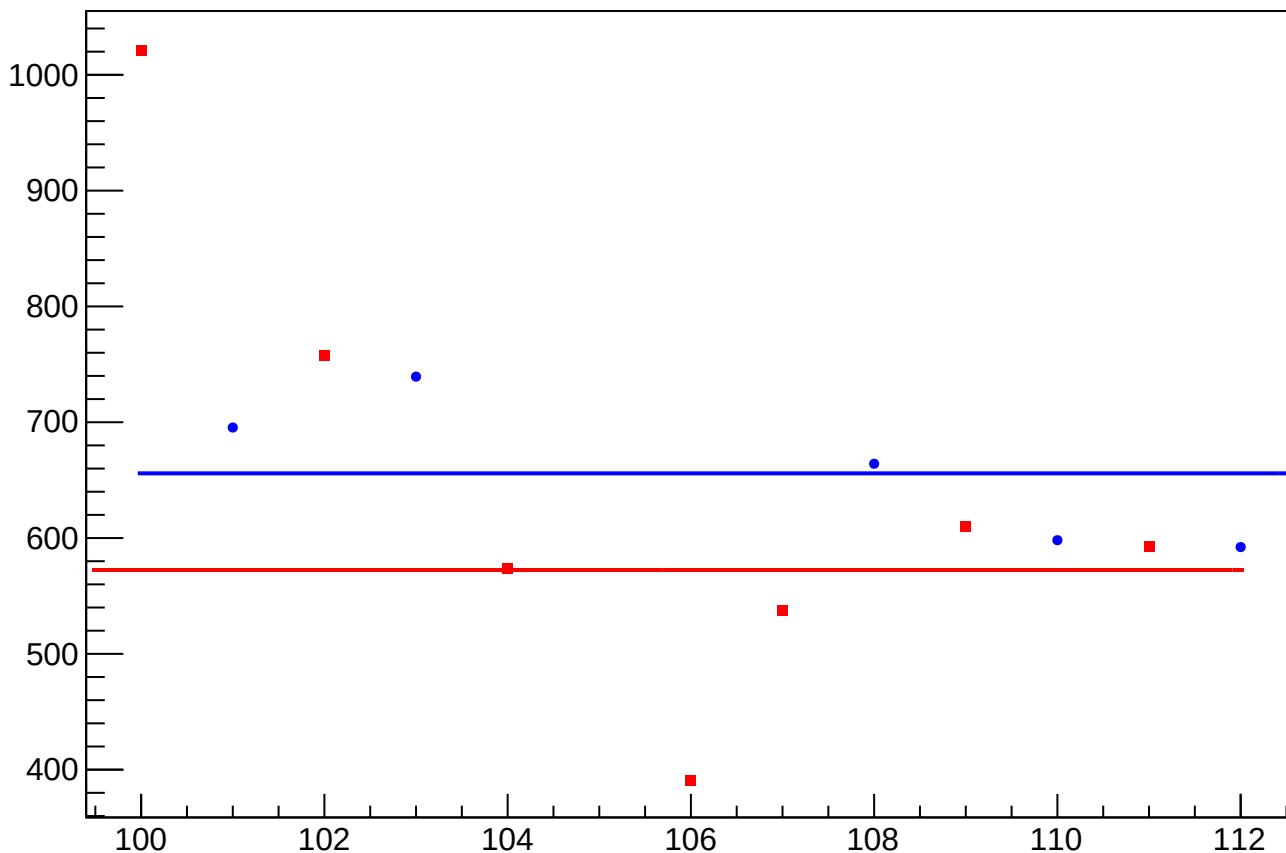
Right: 394.313 $\pm$ -270.947 χ^2 /NDF: 14.2/11

In: 227.527 $\pm$ -416.196 χ^2 /NDF:9.1/4

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 394.313 $\pm$ -270.947 χ^2 /NDF: 14.2/11

asym_sam_37_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 655.869+/-0.294 χ^2/NDF : 37855.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 572.407+/-0.252 χ^2/NDF : 219405.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

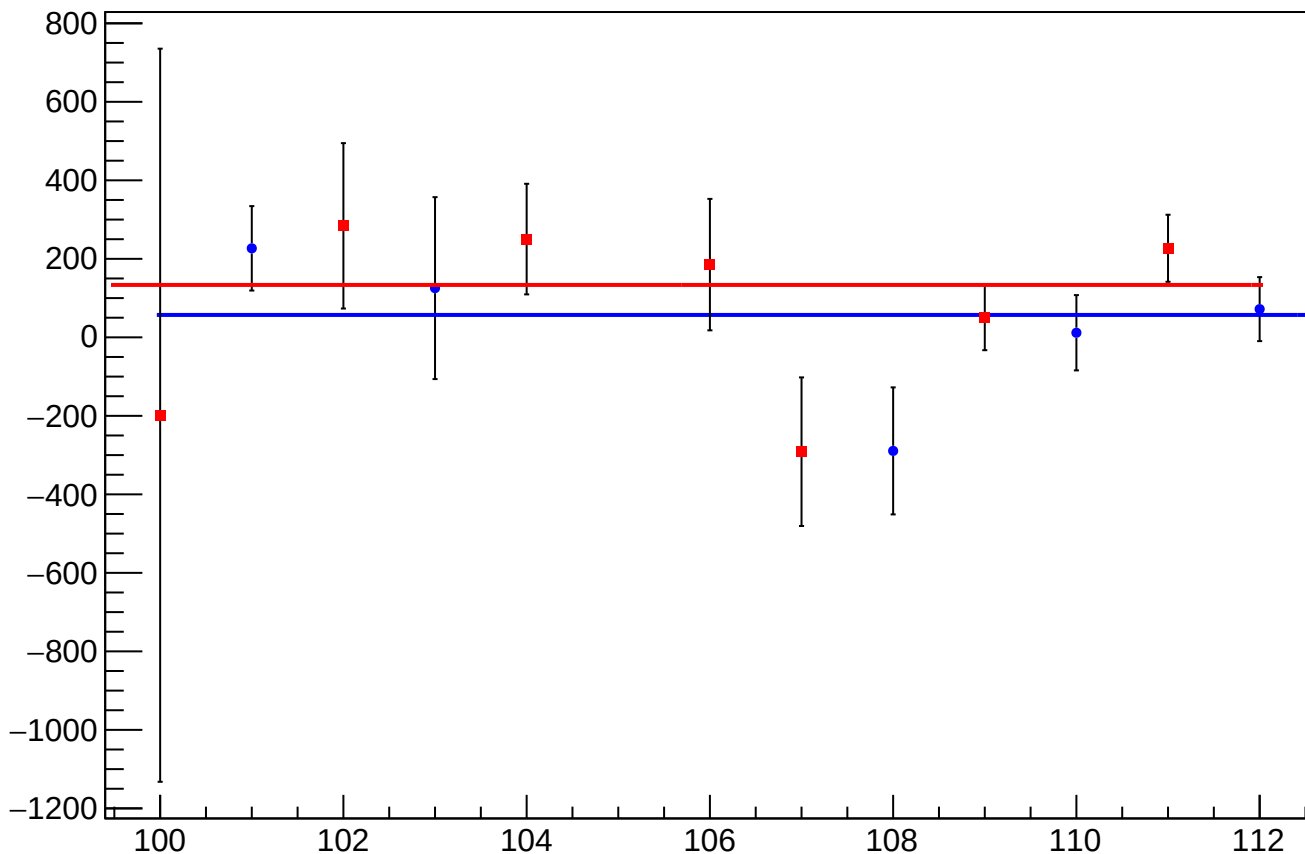
Right: 607.779+/-0.192 χ^2/NDF : 303603.0/11

In: 655.869+/-0.294 χ^2/NDF : 37855.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 607.779+/-0.192 χ^2/NDF : 303603.0/11

eigen_cor_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 57.087+/-49.848 χ^2/NDF : 7.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.508+/-48.992 χ^2/NDF : 8.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

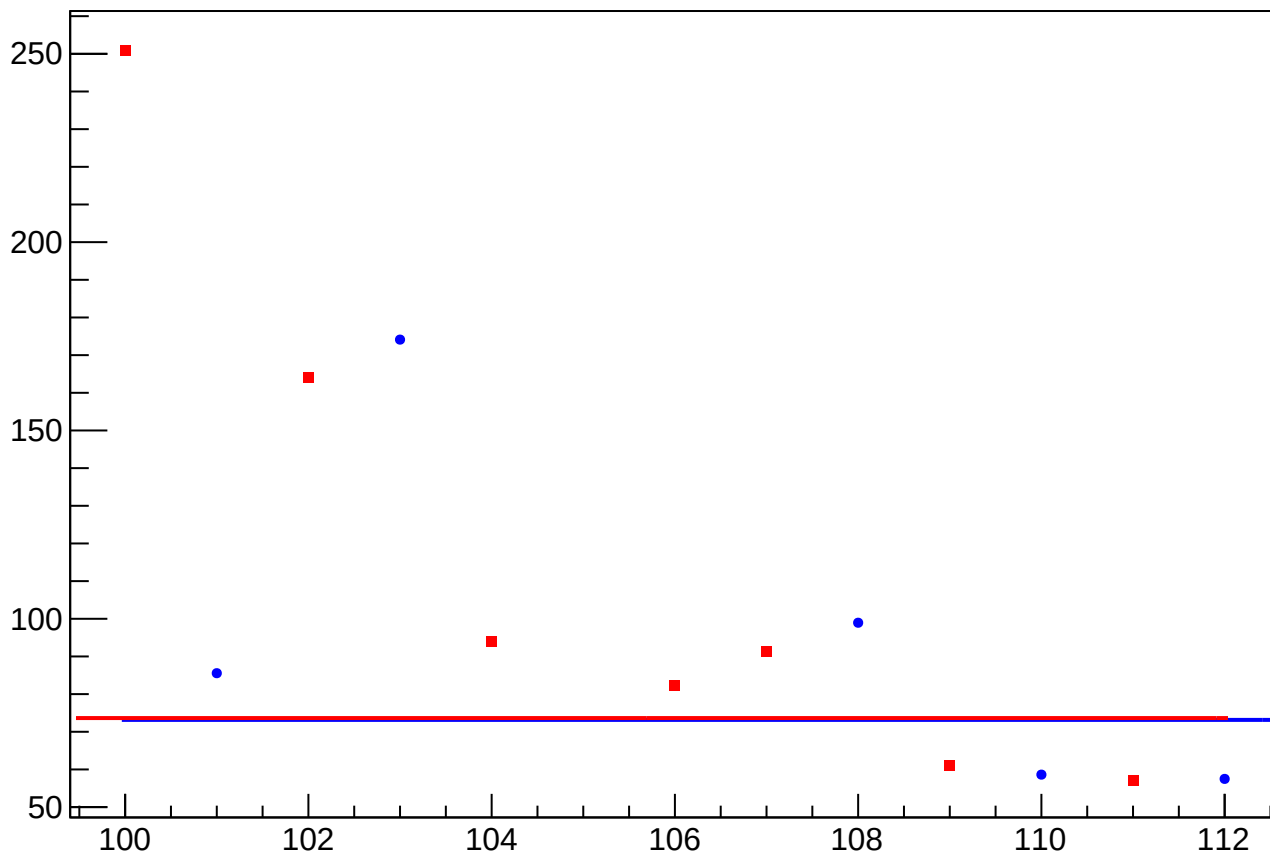
Right: 95.959+/-34.941 χ^2/NDF : 17.2/11

In: 57.087+/-49.848 χ^2/NDF : 7.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.959+/-34.941 χ^2/NDF : 17.2/11

eigen_cor_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 73.155+/-0.035 χ^2/NDF : 576845.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.642+/-0.035 χ^2/NDF : 625829.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

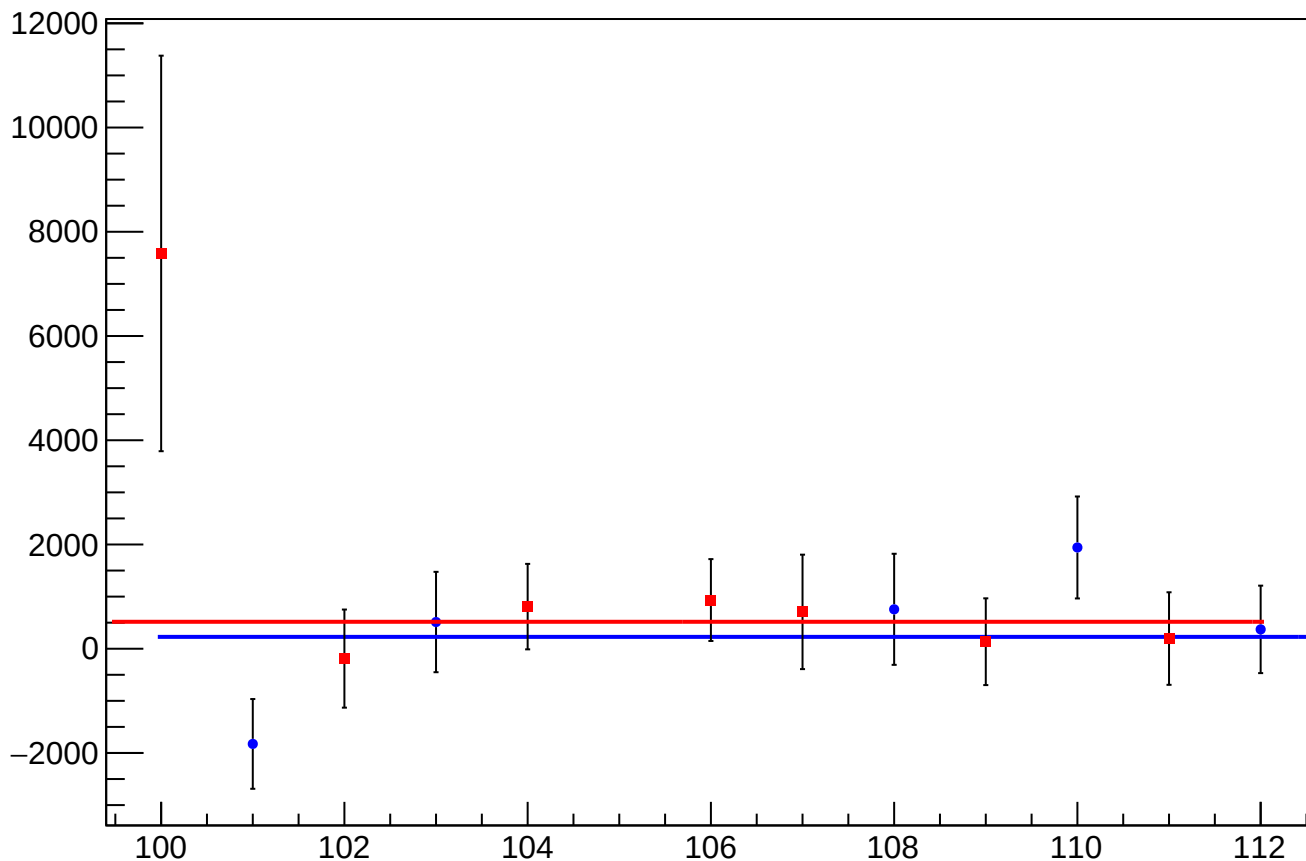
Right: 73.403+/-0.025 χ^2/NDF : 1202771.8/11

In: 73.155+/-0.035 χ^2/NDF : 576845.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.403+/-0.025 χ^2/NDF : 1202771.8/11

asym_sam_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 227.527+/-416.196 χ^2/NDF : 9.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 516.990+/-356.945 χ^2/NDF : 4.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

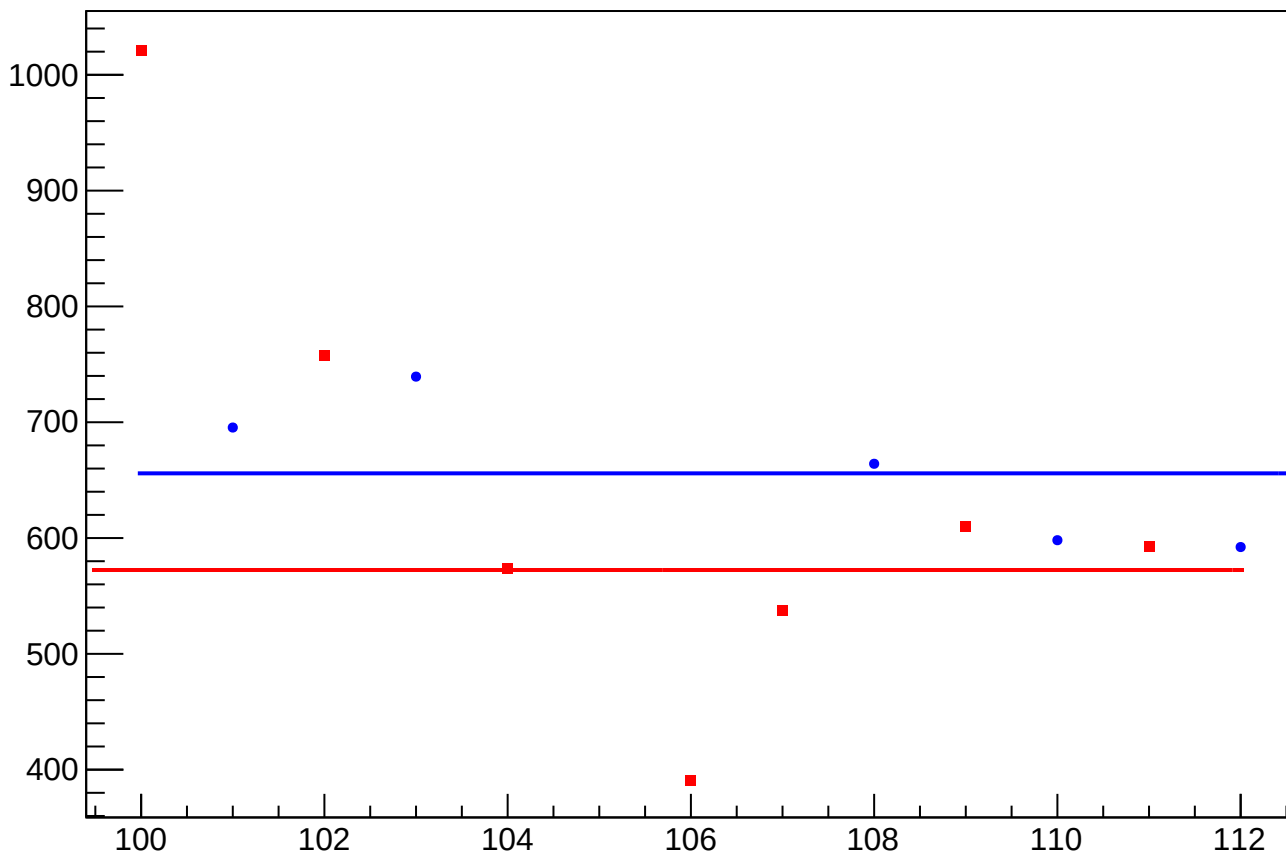
Right: 394.313+/-270.947 χ^2/NDF : 14.2/11

In: 227.527+/-416.196 χ^2/NDF : 9.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 394.313+/-270.947 χ^2/NDF : 14.2/11

asym_sam_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 655.869+/-0.294 χ^2/NDF : 37855.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 572.407+/-0.252 χ^2/NDF : 219405.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

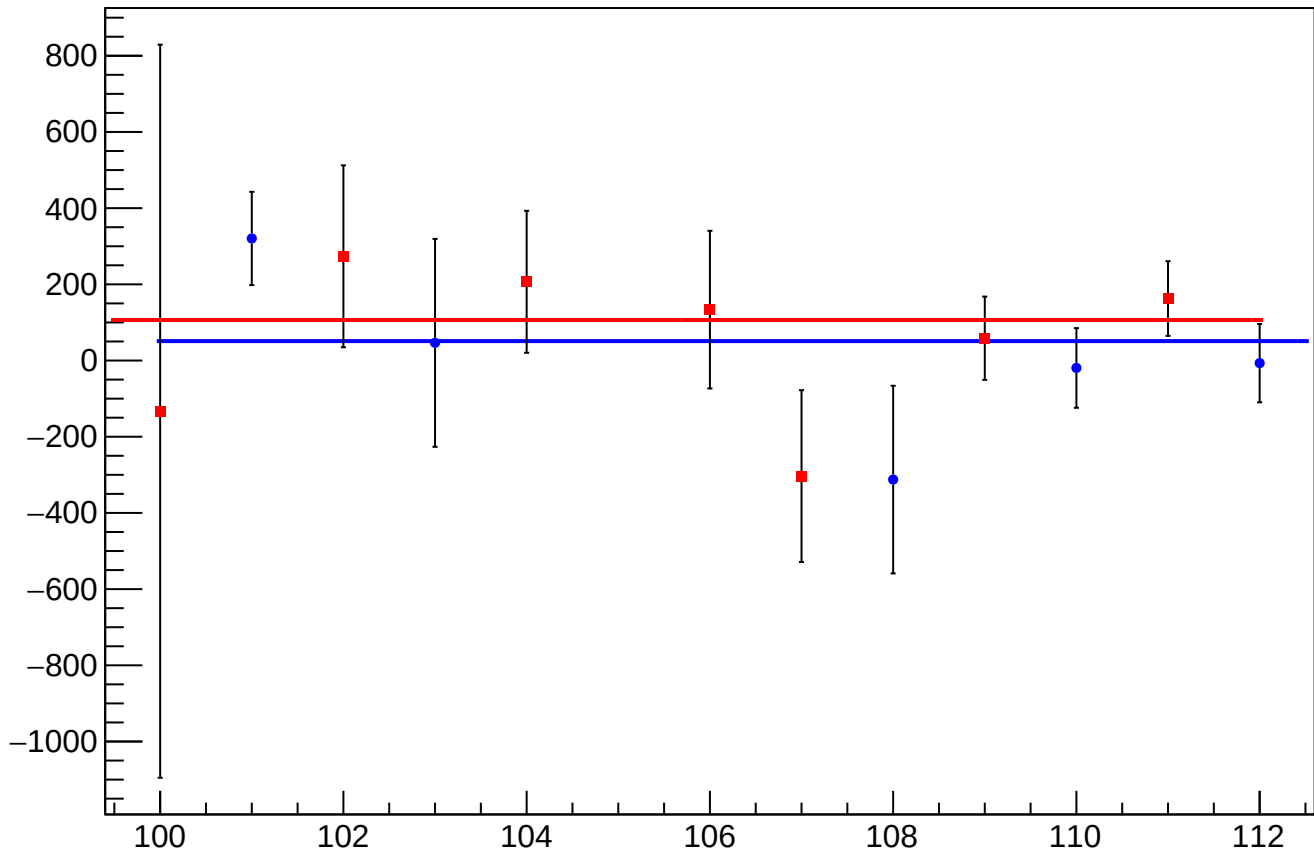
Right: 607.779+/-0.192 χ^2/NDF : 303603.0/11

In: 655.869+/-0.294 χ^2/NDF : 37855.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 607.779+/-0.192 χ^2/NDF : 303603.0/11

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 51.029+/-59.489 χ^2/NDF : 7.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.448+/-59.938 χ^2/NDF : 4.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

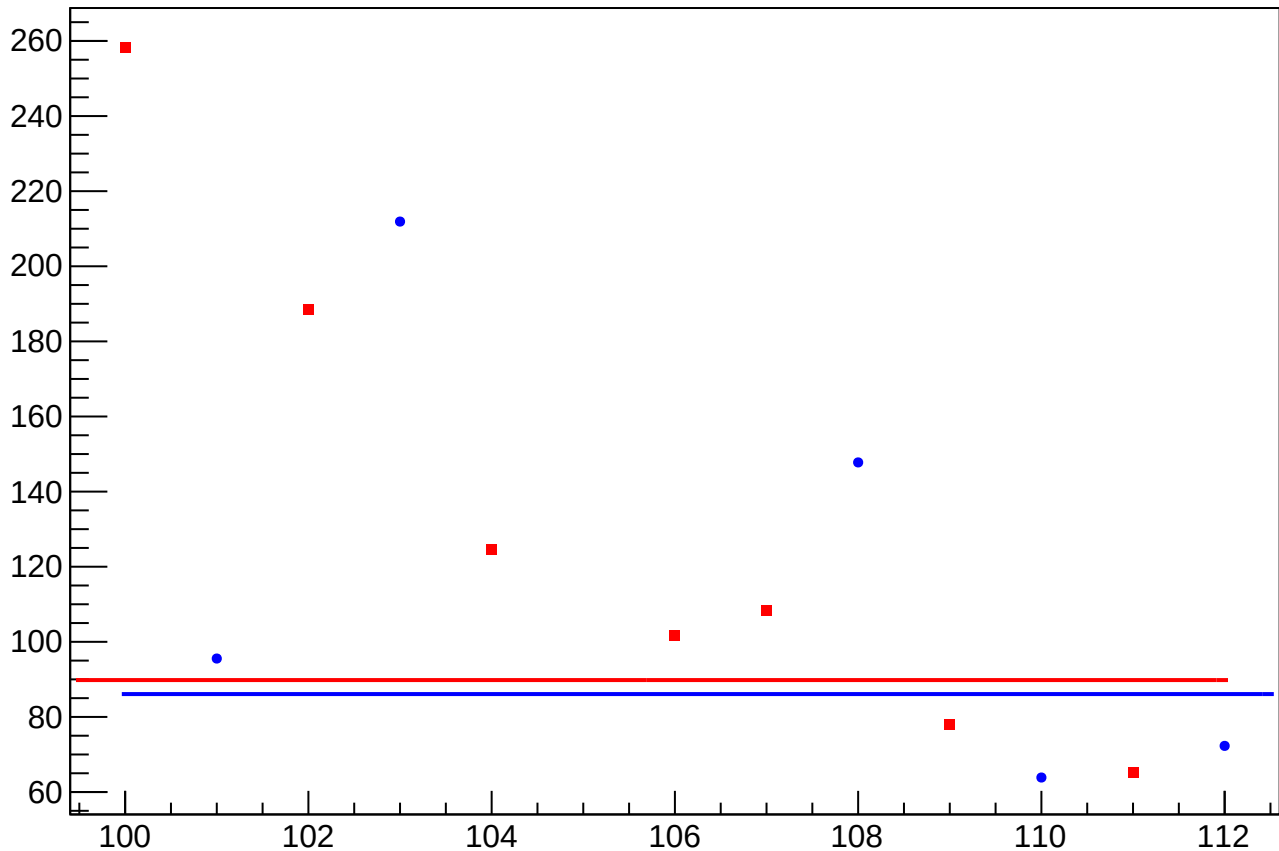
Right: 78.530+/-42.223 χ^2/NDF : 12.9/11

In: 51.029+/-59.489 χ^2/NDF : 7.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.530+/-42.223 χ^2/NDF : 12.9/11

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 86.088+/-0.042 χ^2/NDF : 688716.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.816+/-0.042 χ^2/NDF : 642101.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

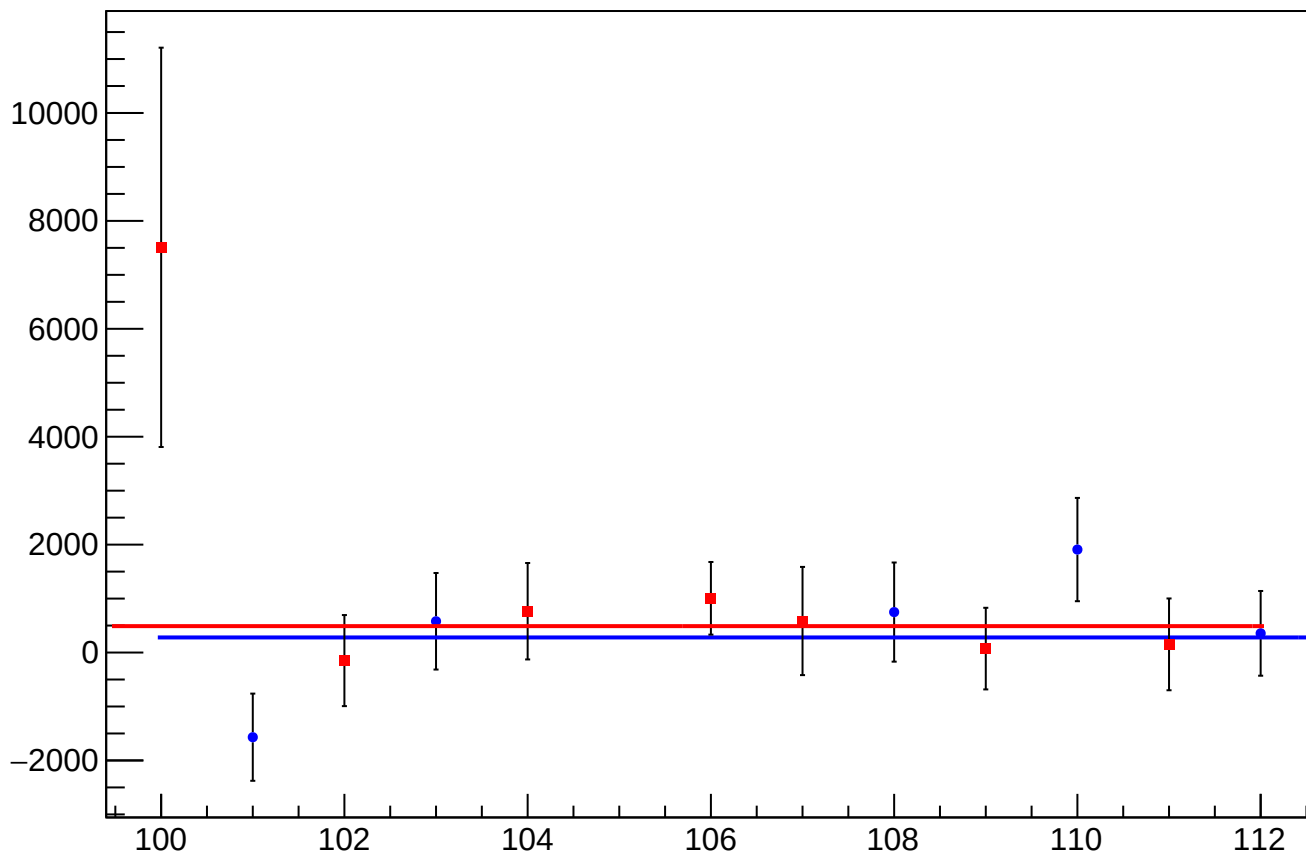
Right: 87.938+/-0.030 χ^2/NDF : 1334714.6/11

In: 86.088+/-0.042 χ^2/NDF : 688716.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.938+/-0.030 χ^2/NDF : 1334714.6/11

asym_sam_37_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 279.729+/-386.934 χ^2/NDF : 8.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 489.443+/-332.210 χ^2/NDF : 5.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

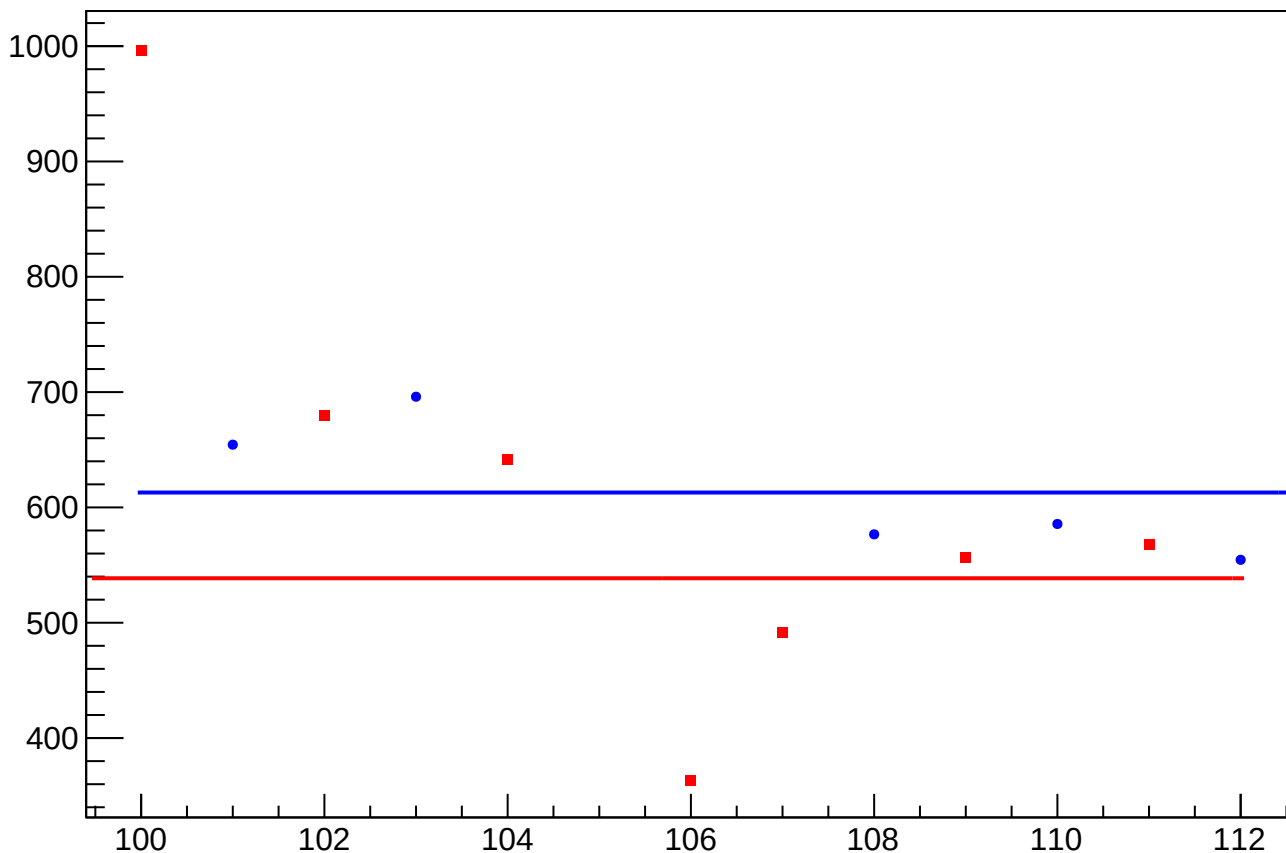
Right: 400.452+/-252.055 χ^2/NDF : 14.0/11

In: 279.729+/-386.934 χ^2/NDF : 8.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 400.452+/-252.055 χ^2/NDF : 14.0/11

asym_sam_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 612.915+/-0.274 χ^2/NDF : 38295.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 538.570+/-0.235 χ^2/NDF : 256440.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

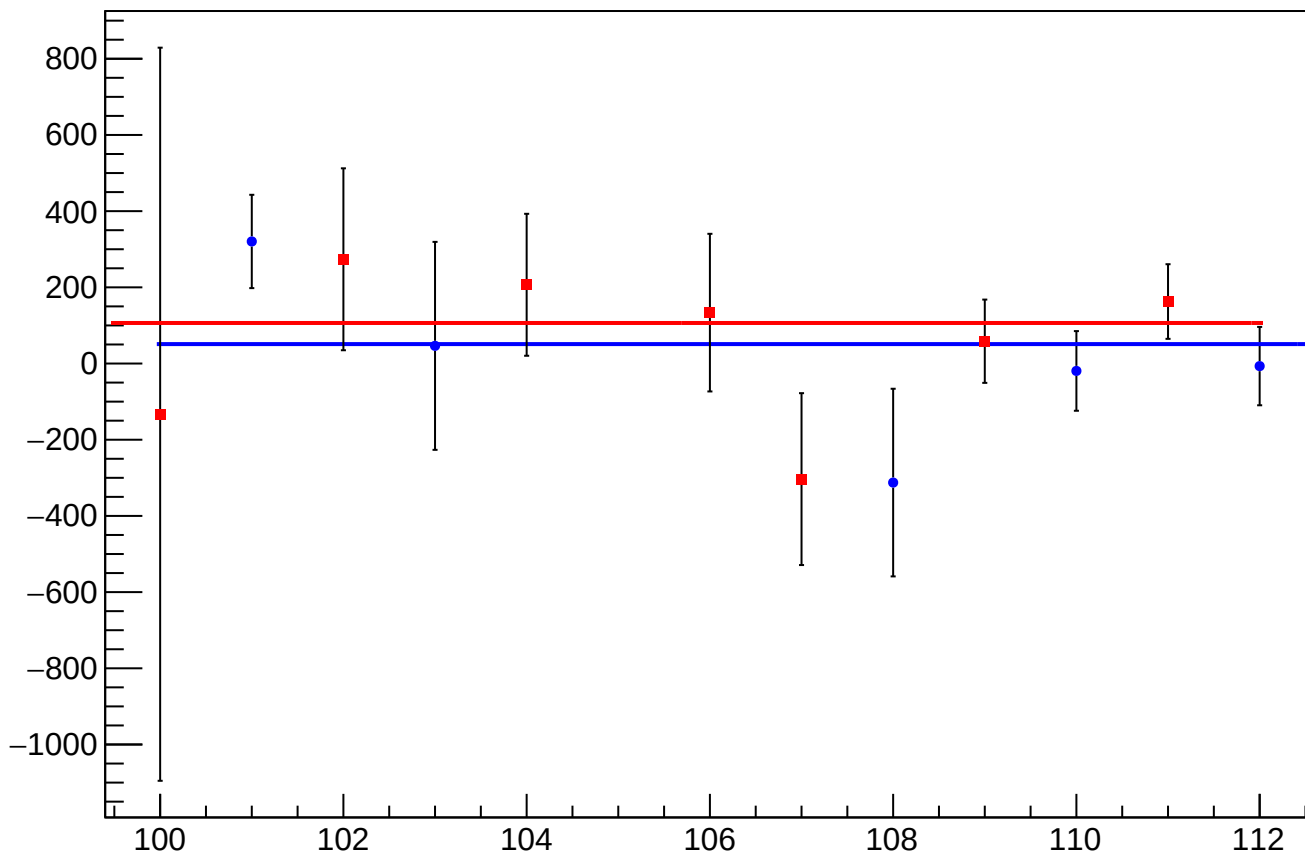
Right: 570.118+/-0.178 χ^2/NDF : 337239.3/11

In: 612.915+/-0.274 χ^2/NDF : 38295.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 570.118+/-0.178 χ^2/NDF : 337239.3/11

eigen_dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 51.031+/-59.489 χ^2/NDF : 7.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.448+/-59.938 χ^2/NDF : 4.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

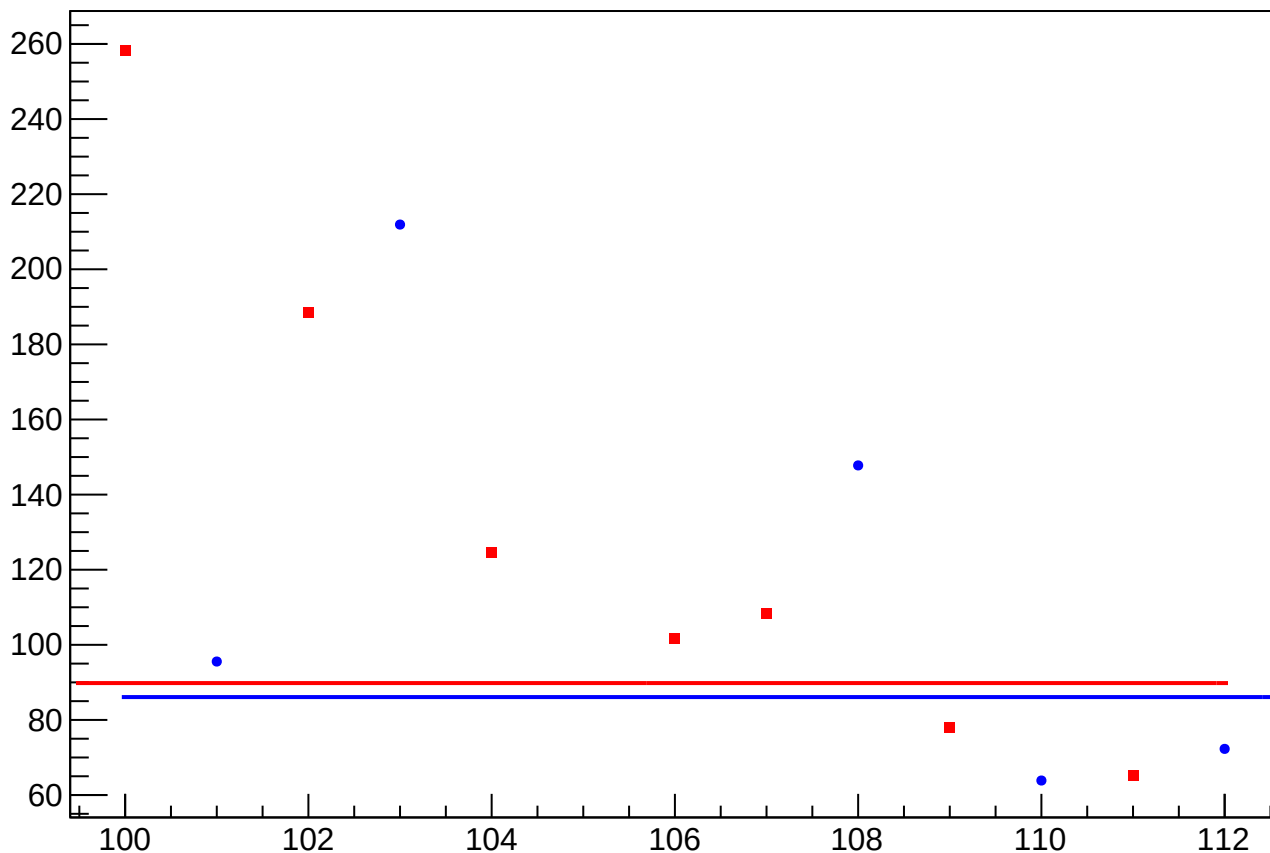
Right: 78.531+/-42.223 χ^2/NDF : 12.9/11

In: 51.031+/-59.489 χ^2/NDF : 7.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.531+/-42.223 χ^2/NDF : 12.9/11

eigen_dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 86.088+/-0.042 χ^2/NDF : 688727.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.816+/-0.042 χ^2/NDF : 642102.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

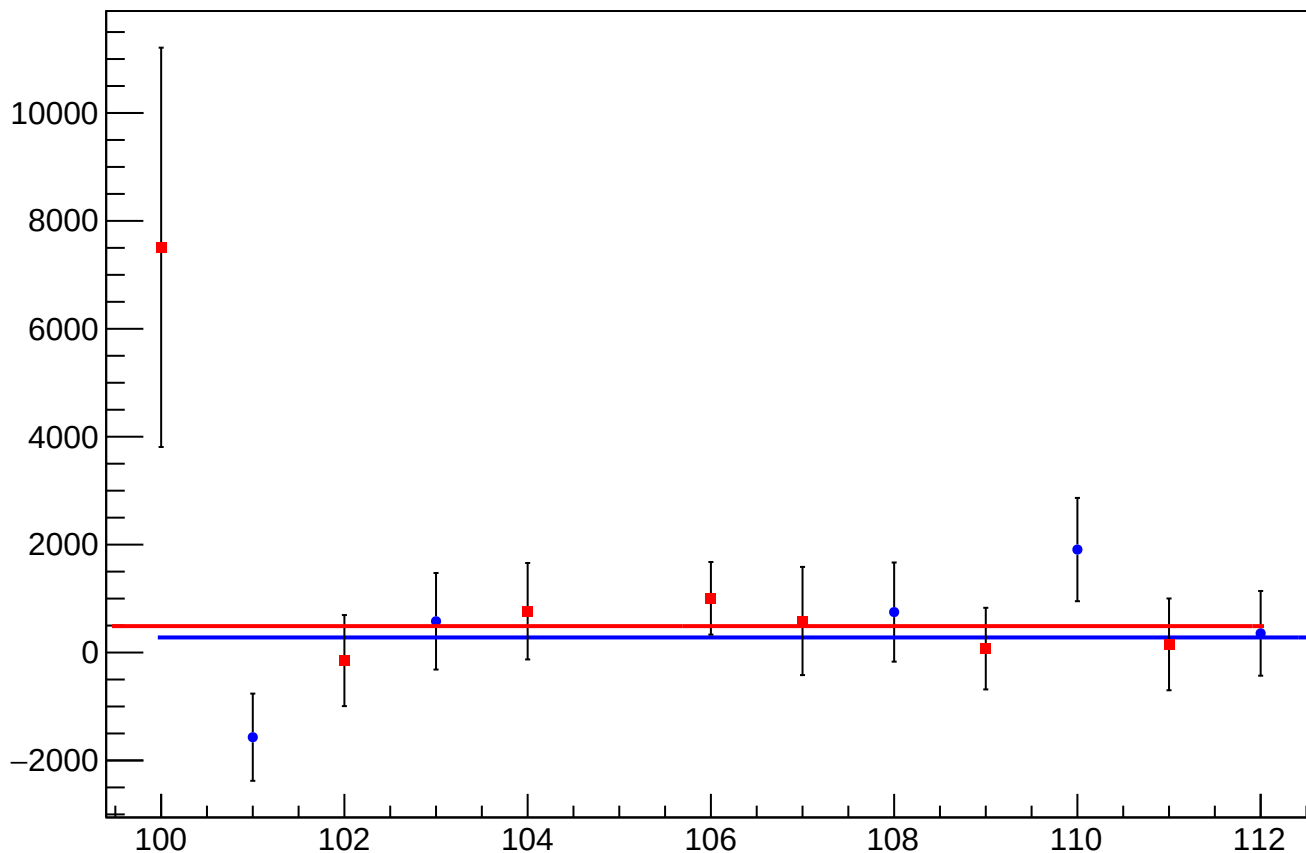
Right: 87.938+/-0.030 χ^2/NDF : 1334725.9/11

In: 86.088+/-0.042 χ^2/NDF : 688727.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.938+/-0.030 χ^2/NDF : 1334725.9/11

asym_sam_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 279.727+/-386.933 χ^2/NDF : 8.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 489.442+/-332.209 χ^2/NDF : 5.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

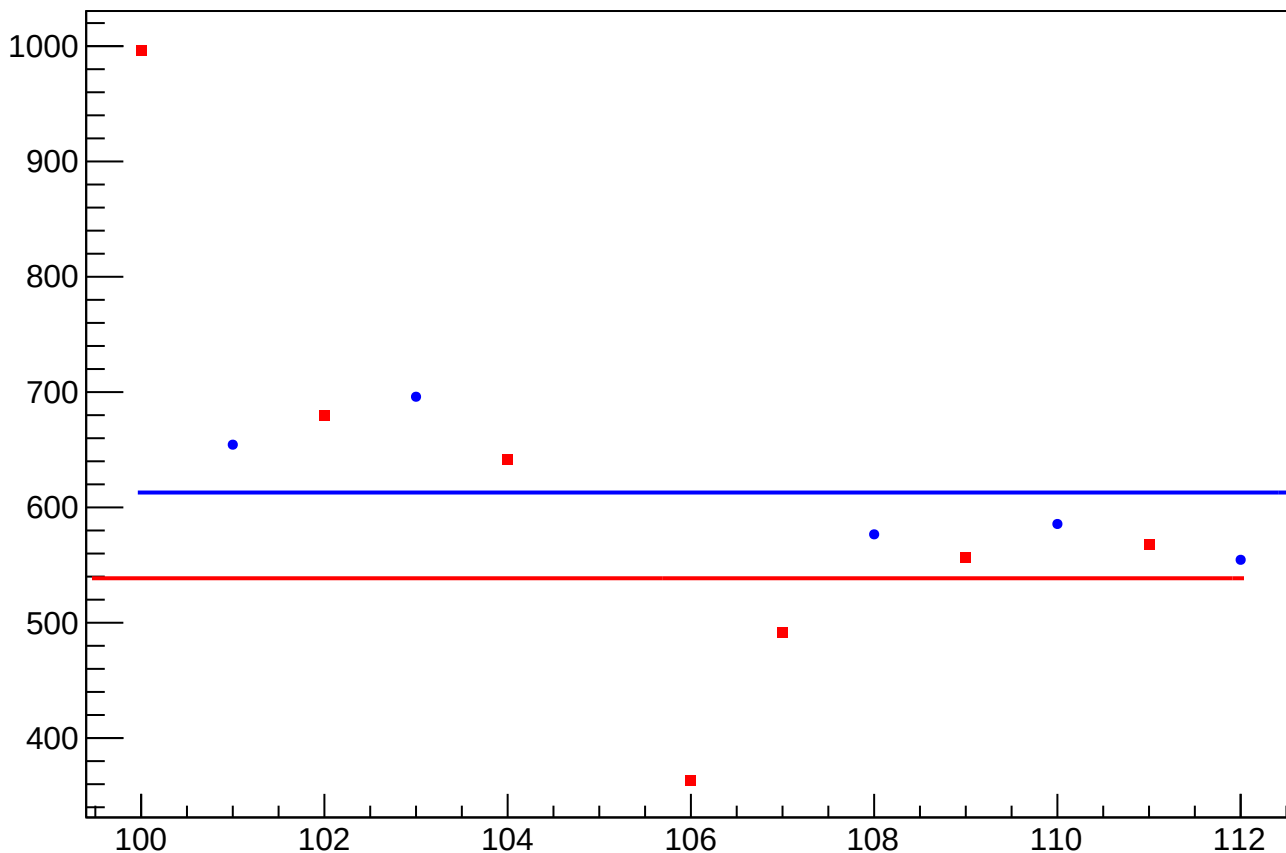
Right: 400.451+/-252.054 χ^2/NDF : 14.0/11

In: 279.727+/-386.933 χ^2/NDF : 8.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 400.451+/-252.054 χ^2/NDF : 14.0/11

asym_sam_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 612.914+/-0.274 χ^2/NDF : 38293.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 538.569+/-0.235 χ^2/NDF : 256437.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

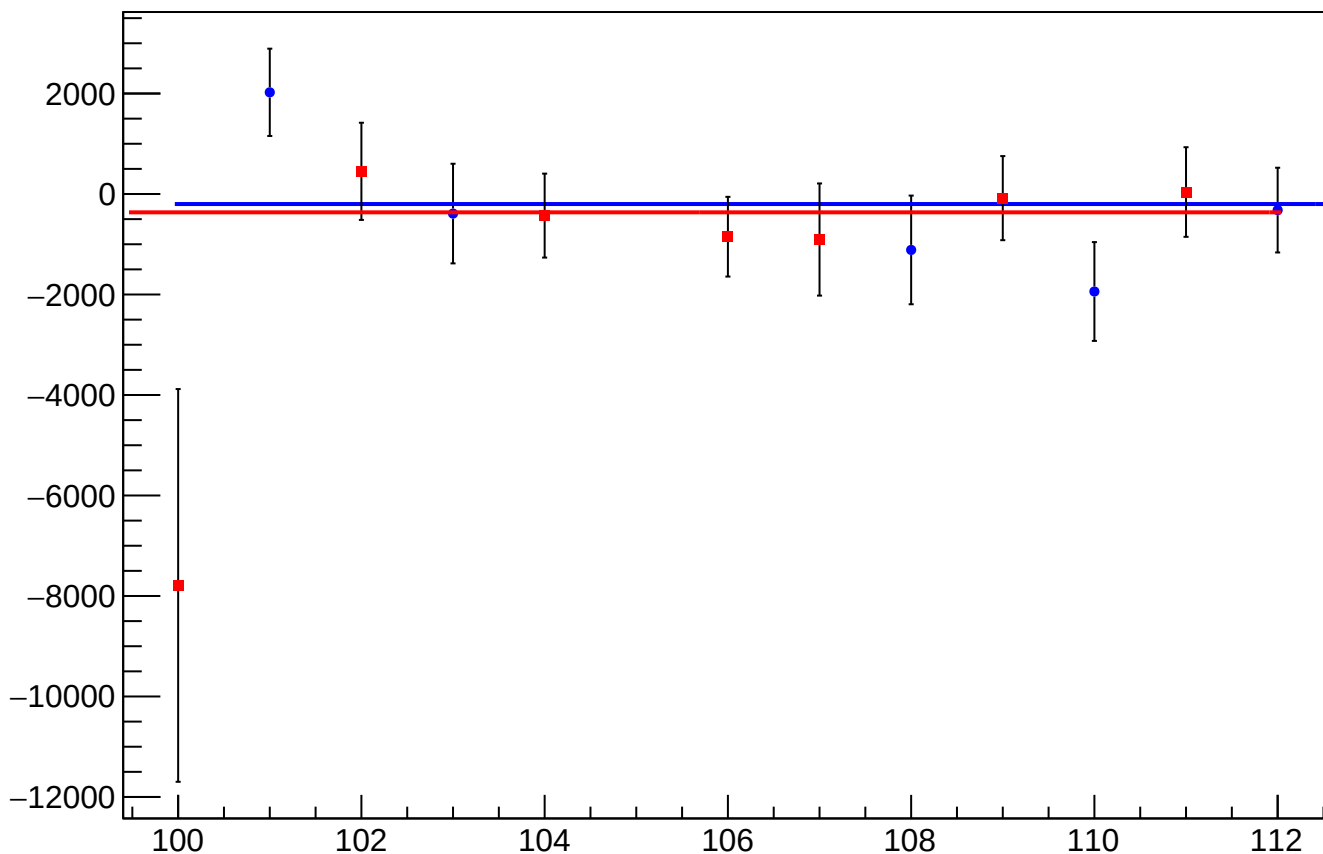
Right: 570.117+/-0.178 χ^2/NDF : 337234.8/11

In: 612.914+/-0.274 χ^2/NDF : 38293.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 570.117+/-0.178 χ^2/NDF : 337234.8/11

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: -199.485+/-421.125 χ^2/NDF : 10.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -364.786+/-361.669 χ^2/NDF : 5.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

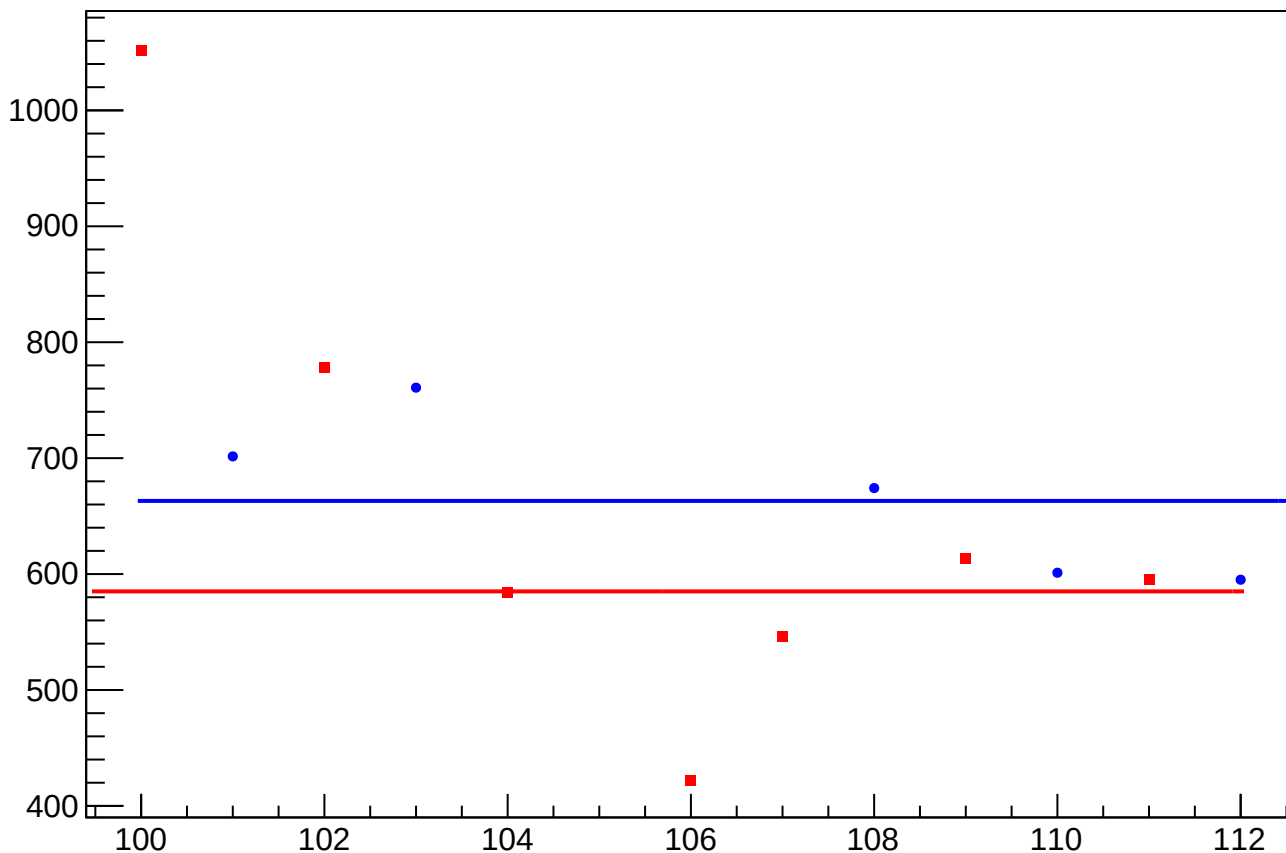
Right: -294.619+/-274.373 χ^2/NDF : 15.8/11

In: -199.485+/-421.125 χ^2/NDF : 10.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -294.619+/-274.373 χ^2/NDF : 15.8/11

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 663.106+/-0.298 χ^2/NDF : 44487.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 585.055+/-0.256 χ^2/NDF : 197526.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

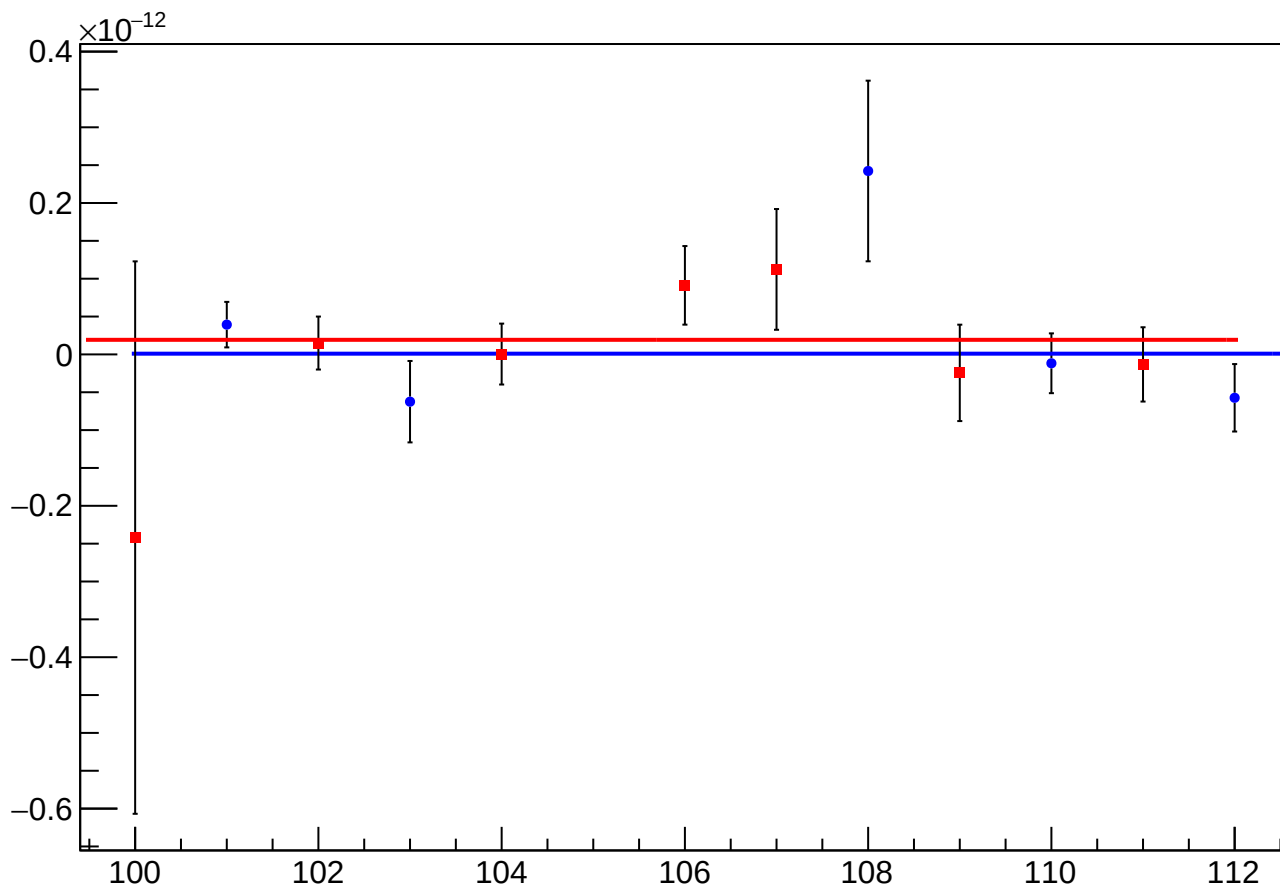
Right: 618.186+/-0.194 χ^2/NDF : 281551.4/11

In: 663.106+/-0.298 χ^2/NDF : 44487.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 618.186+/-0.194 χ^2/NDF : 281551.4/11

asym_sam_37_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

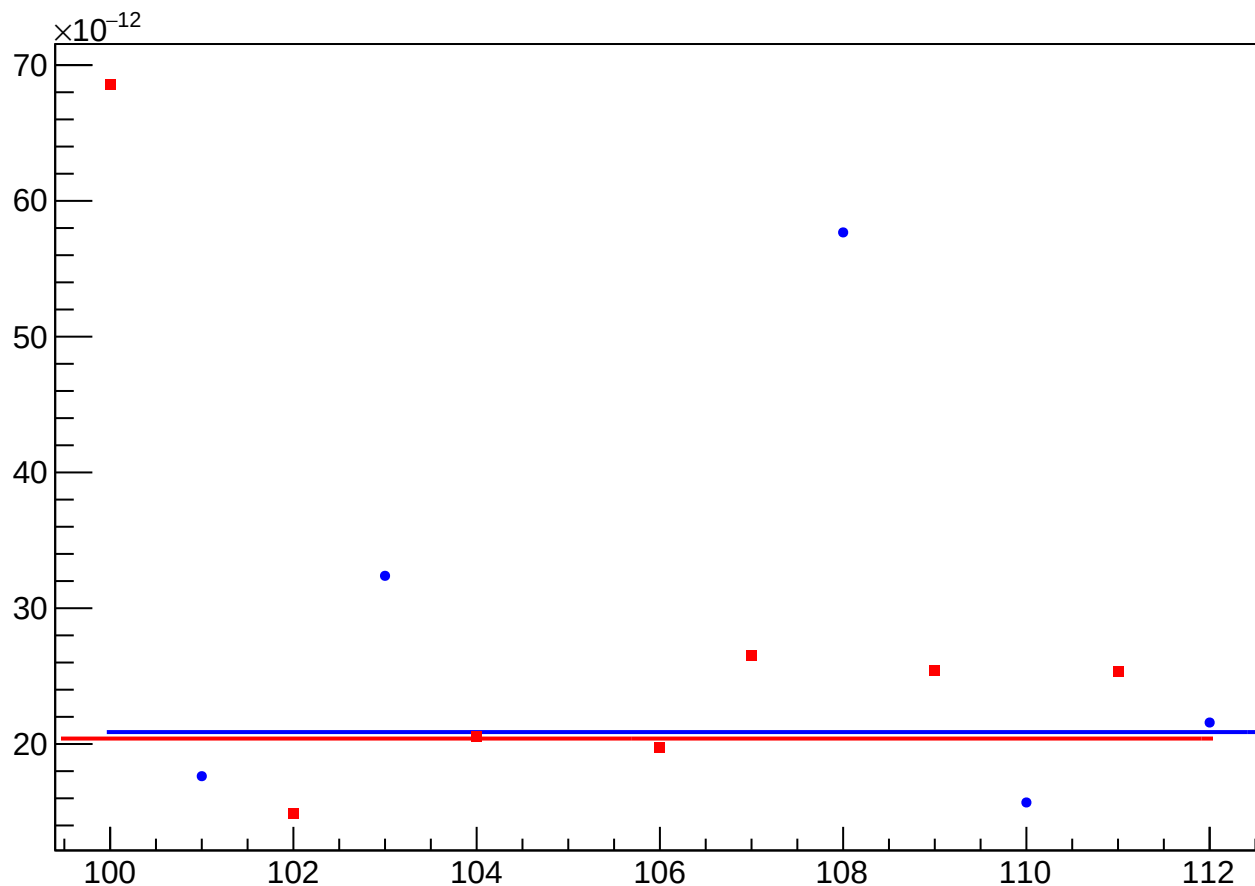
Right: 0.000+/-0.000 χ^2/NDF : 14.3/11

In: 0.000+/-0.000 χ^2/NDF : 8.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.3/11

asym_sam_37_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 340165.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 129798.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

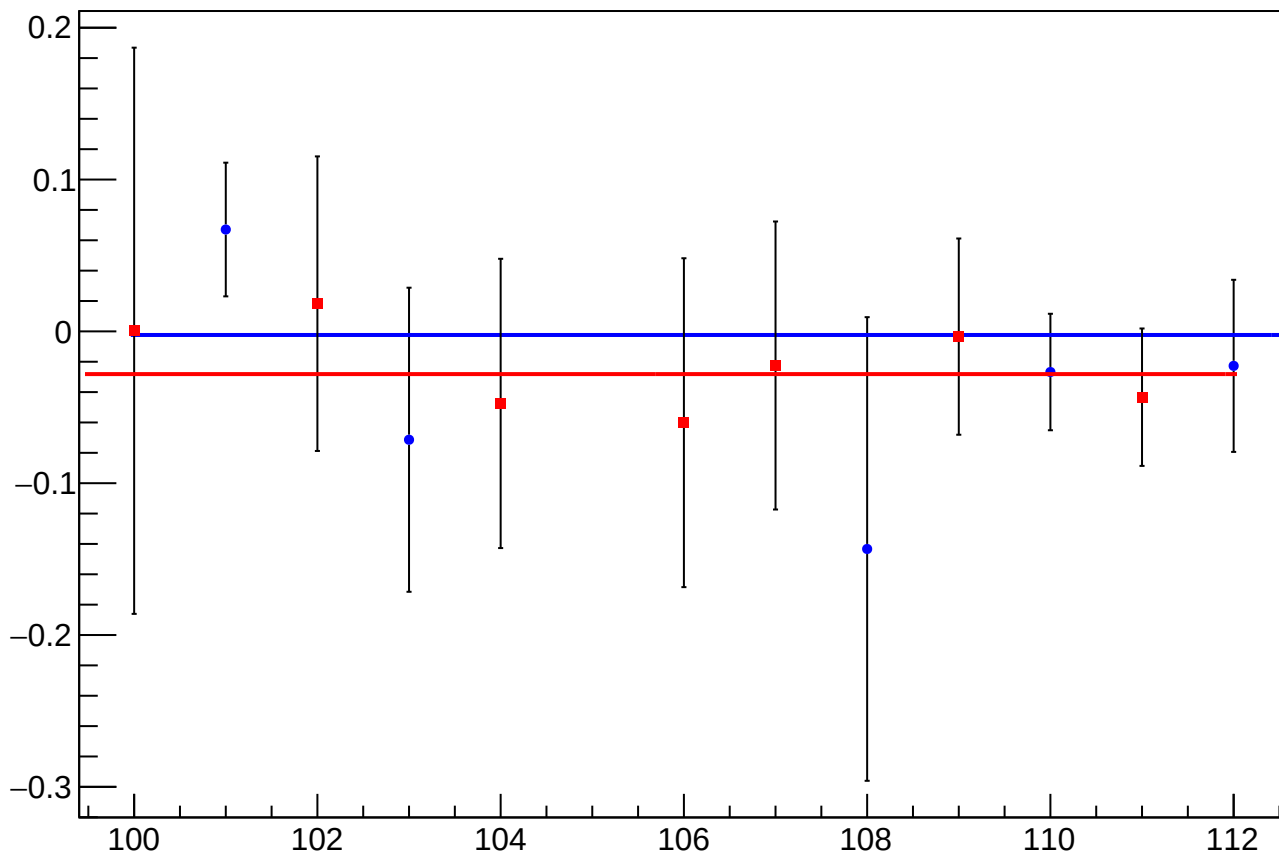
Right: 0.000+/-0.000 χ^2/NDF : 470567.7/11

In: 0.000+/-0.000 χ^2/NDF : 340165.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 470567.7/11

asym_sam_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.025 χ^2 /NDF: 4.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.028 $\pm$ 0.029 χ^2 /NDF: 0.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

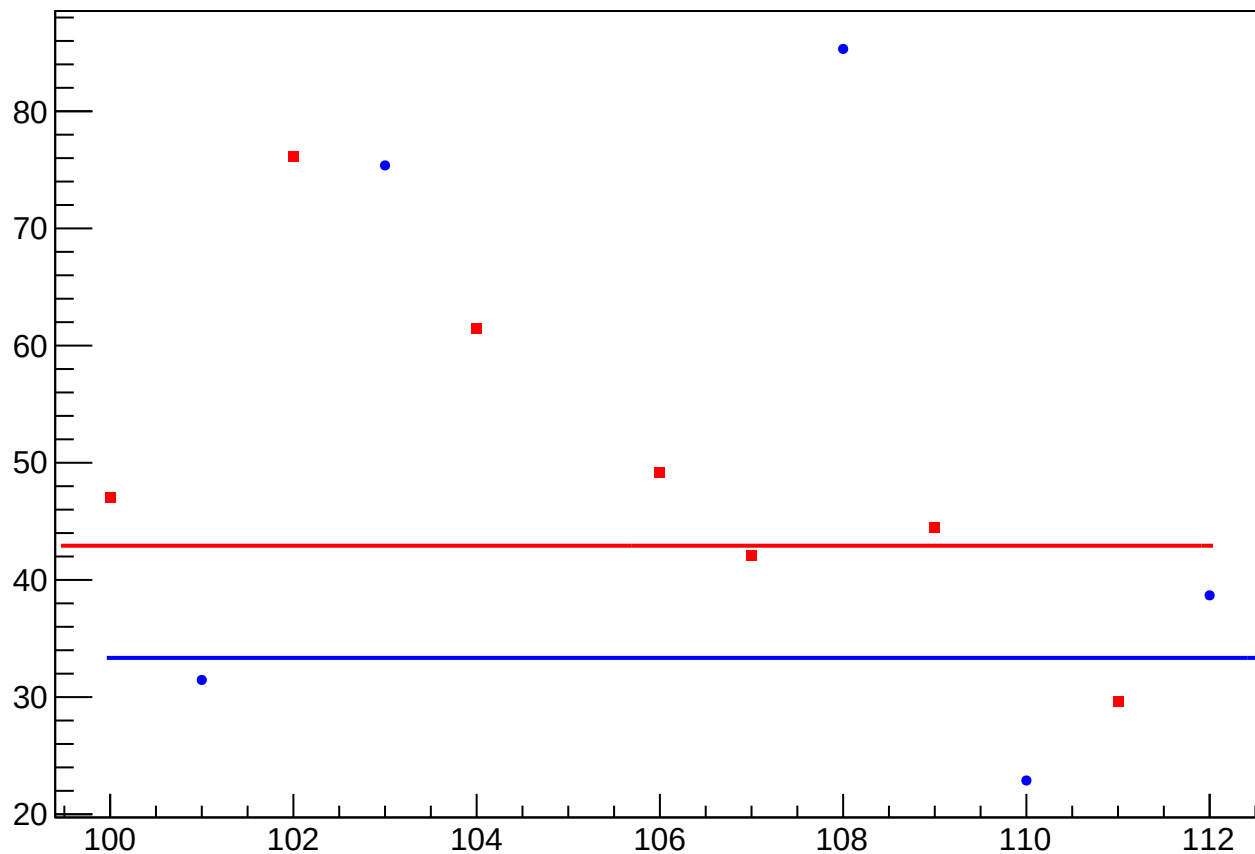
Right: -0.013 $\pm$ 0.019 χ^2 /NDF: 5.4/11

In: -0.002 $\pm$ 0.025 χ^2 /NDF:4.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.019 χ^2 /NDF: 5.4/11

asym_sam_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.347+/-0.017 χ^2/NDF : 754170.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.920+/-0.021 χ^2/NDF : 491884.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

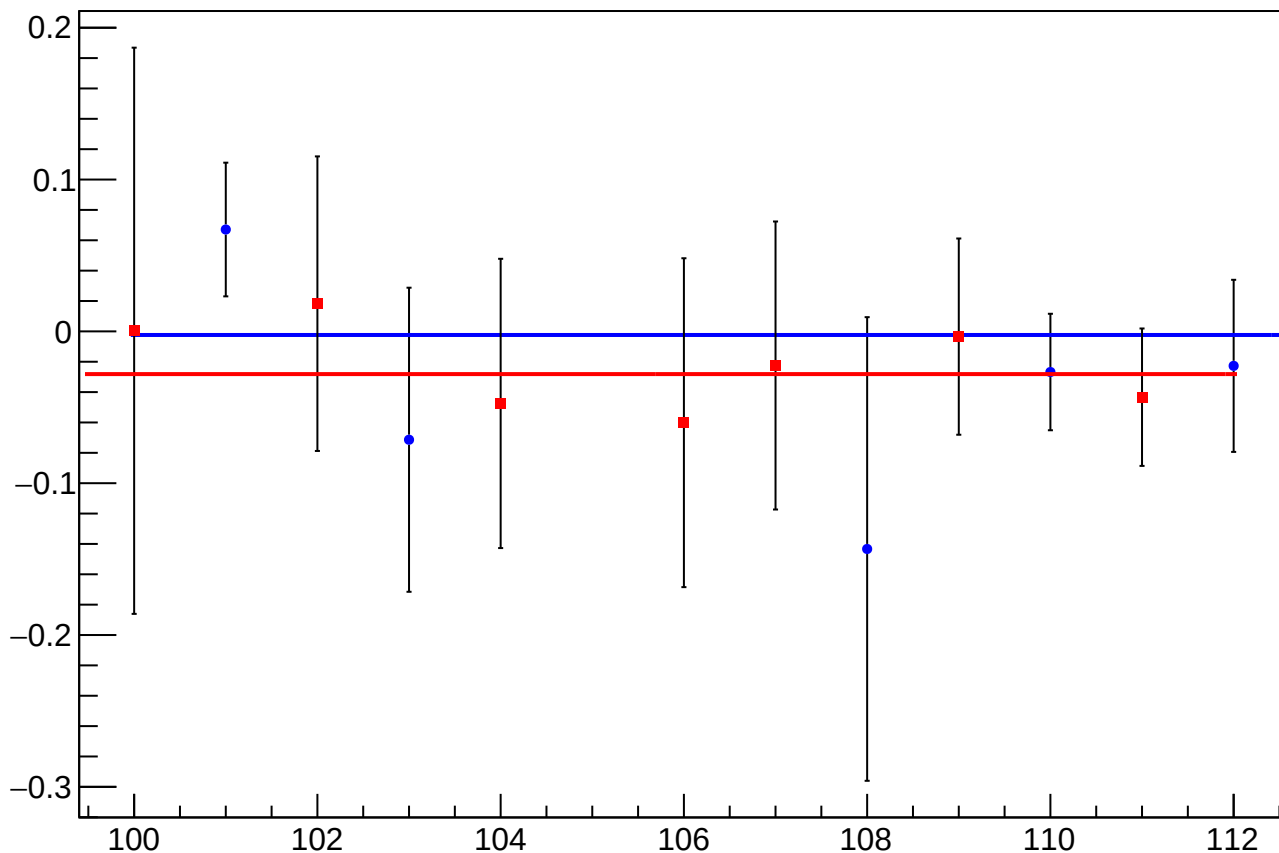
Right: 37.318+/-0.013 χ^2/NDF : 1371466.4/11

In: 33.347+/-0.017 χ^2/NDF : 754170.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.318+/-0.013 χ^2/NDF : 1371466.4/11

asym_sam_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.025 χ^2 /NDF: 4.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.028 $\pm$ 0.029 χ^2 /NDF: 0.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

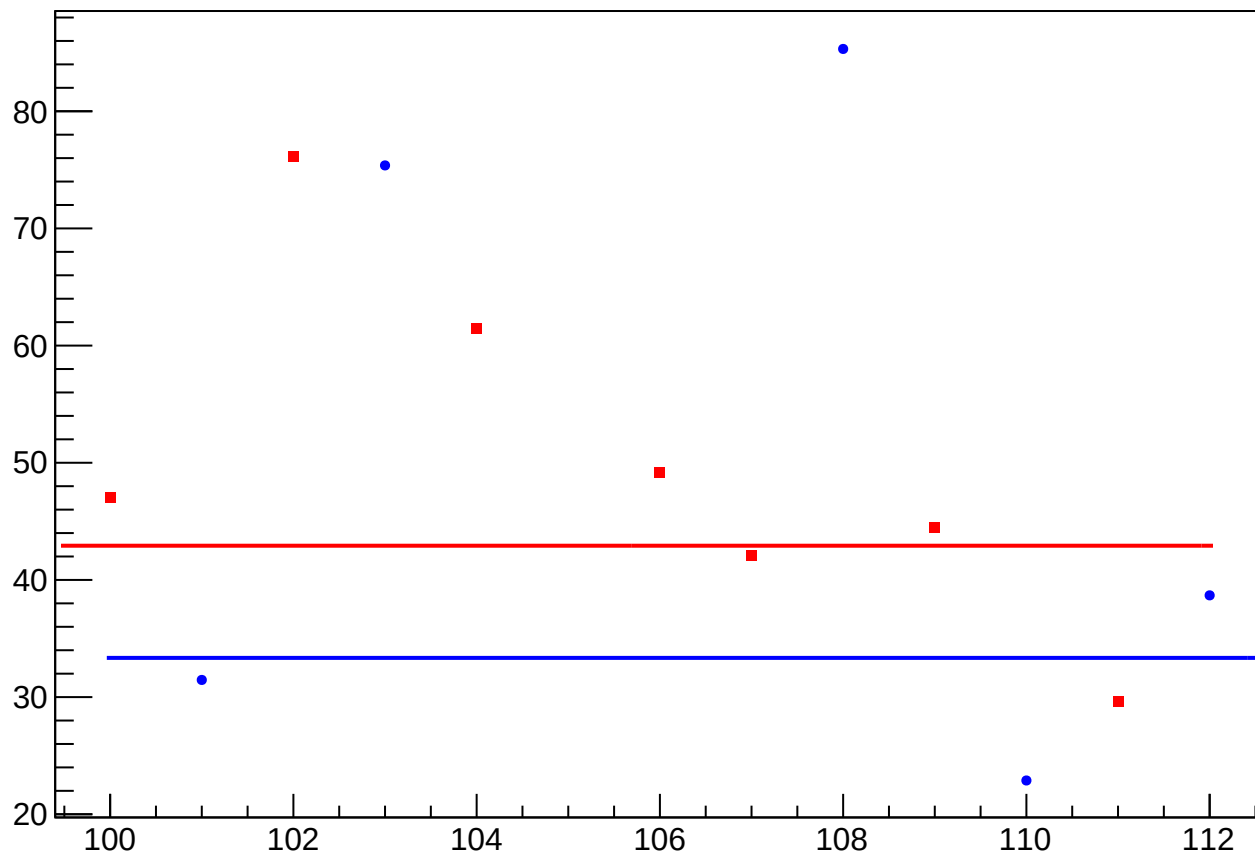
Right: -0.013 $\pm$ 0.019 χ^2 /NDF: 5.4/11

In: -0.002 $\pm$ 0.025 χ^2 /NDF:4.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.019 χ^2 /NDF: 5.4/11

asym_sam_37_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.347+/-0.017 χ^2/NDF : 754170.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.920+/-0.021 χ^2/NDF : 491884.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

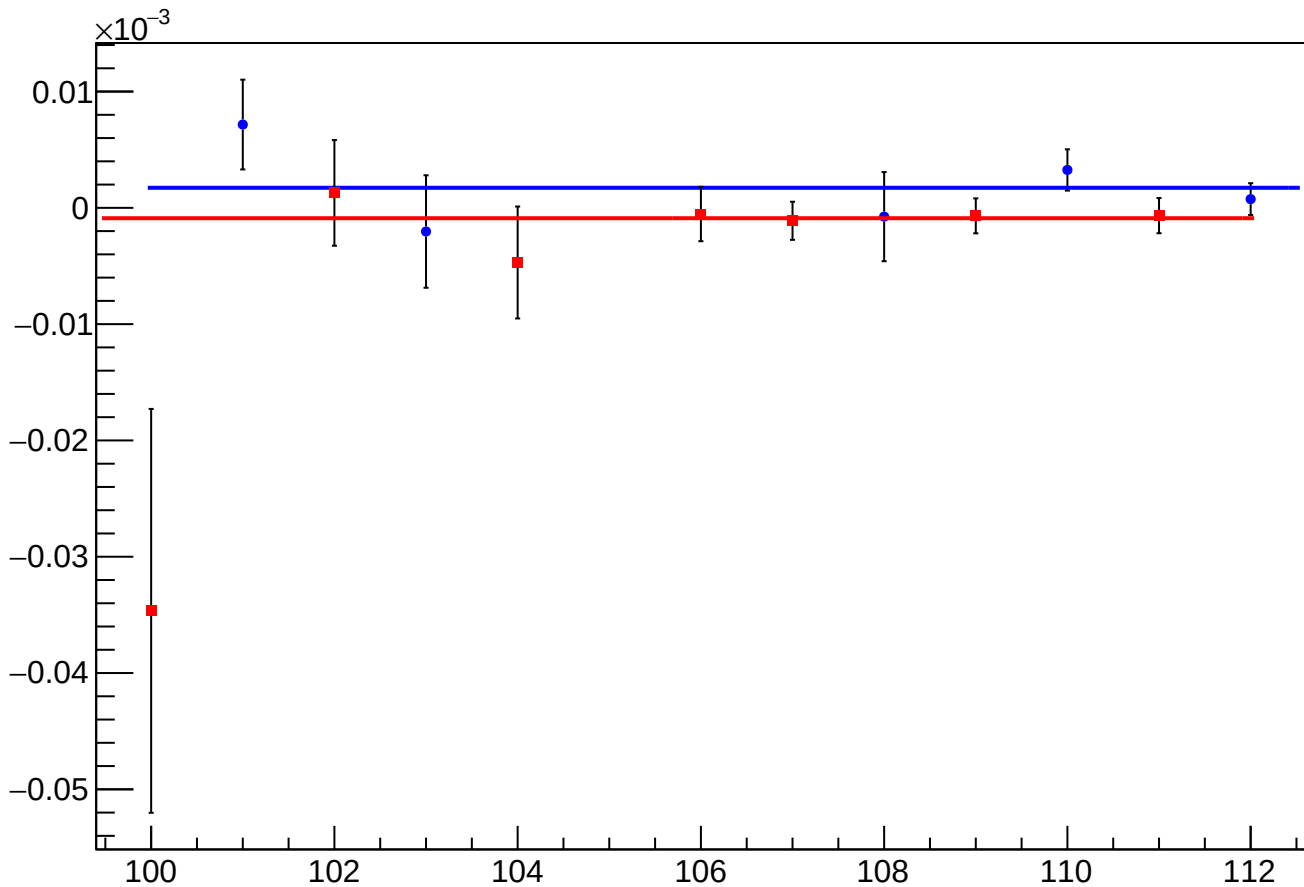
Right: 37.318+/-0.013 χ^2/NDF : 1371466.4/11

In: 33.347+/-0.017 χ^2/NDF : 754170.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.318+/-0.013 χ^2/NDF : 1371466.4/11

asym_sam_37_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

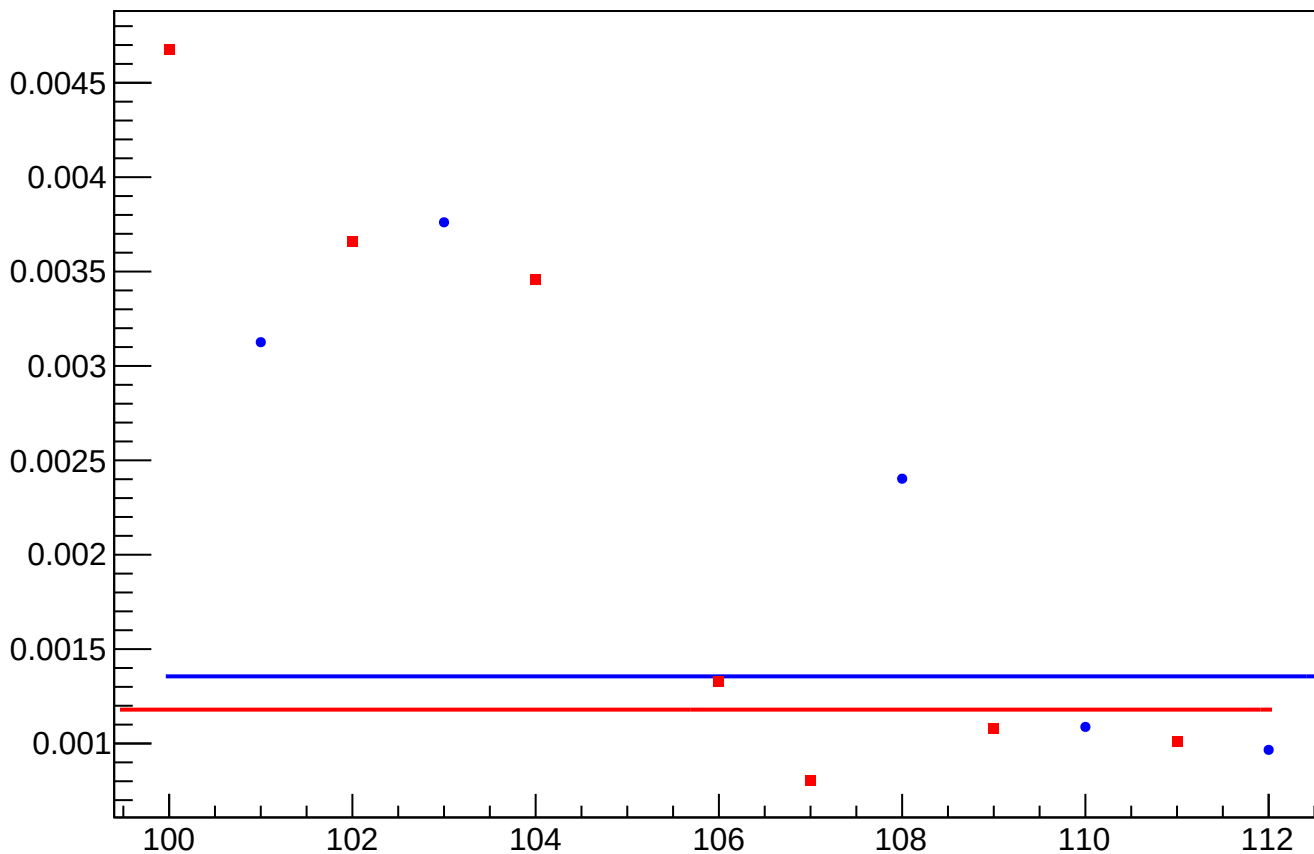
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.2/11

In: 0.000 $\pm$ 0.000 χ^2 /NDF:4.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.2/11

asym_sam_37_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1272184.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1271472.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

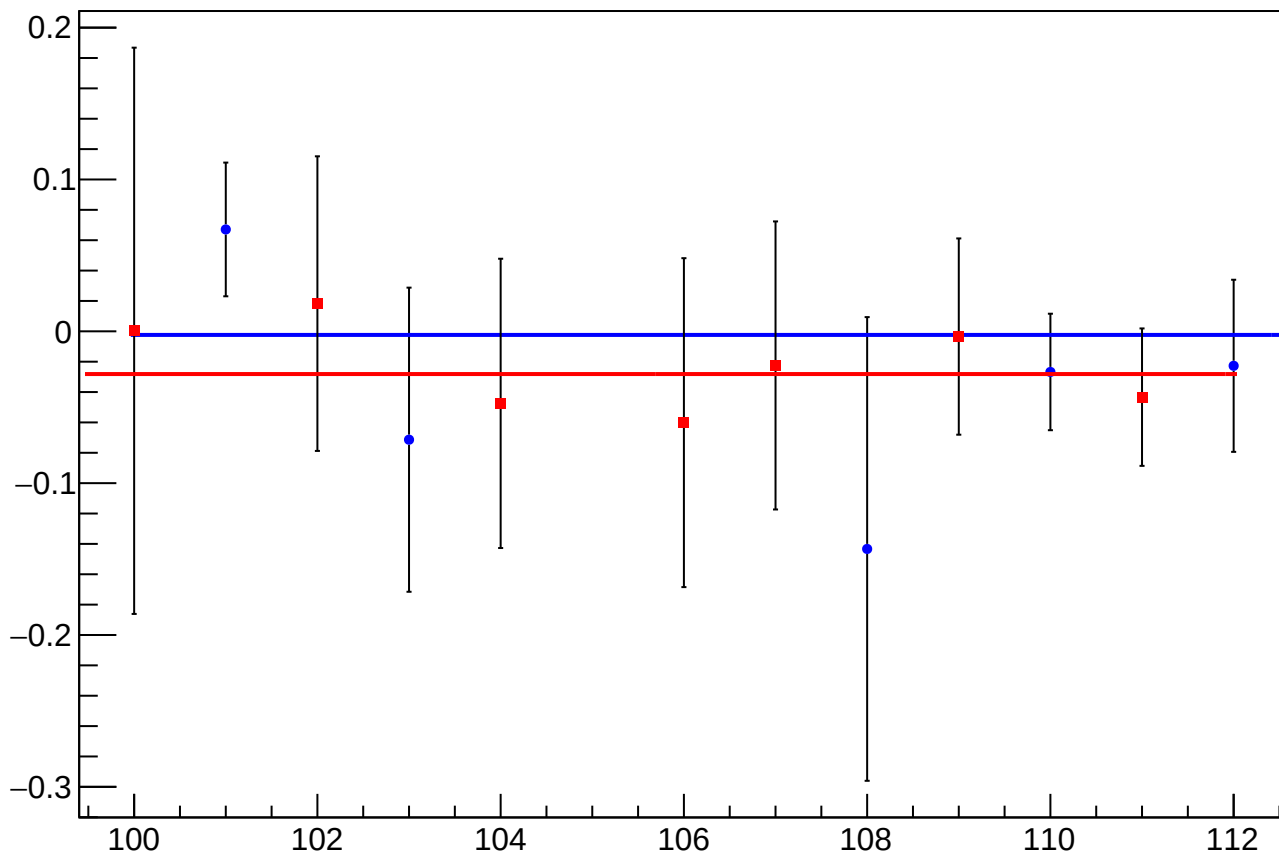
Right: 0.001+/-0.000 χ^2/NDF : 2581905.0/11

In: 0.001+/-0.000 χ^2/NDF : 1272184.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2581905.0/11

asym_sam_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.025 χ^2 /NDF: 4.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.028 $\pm$ 0.029 χ^2 /NDF: 0.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

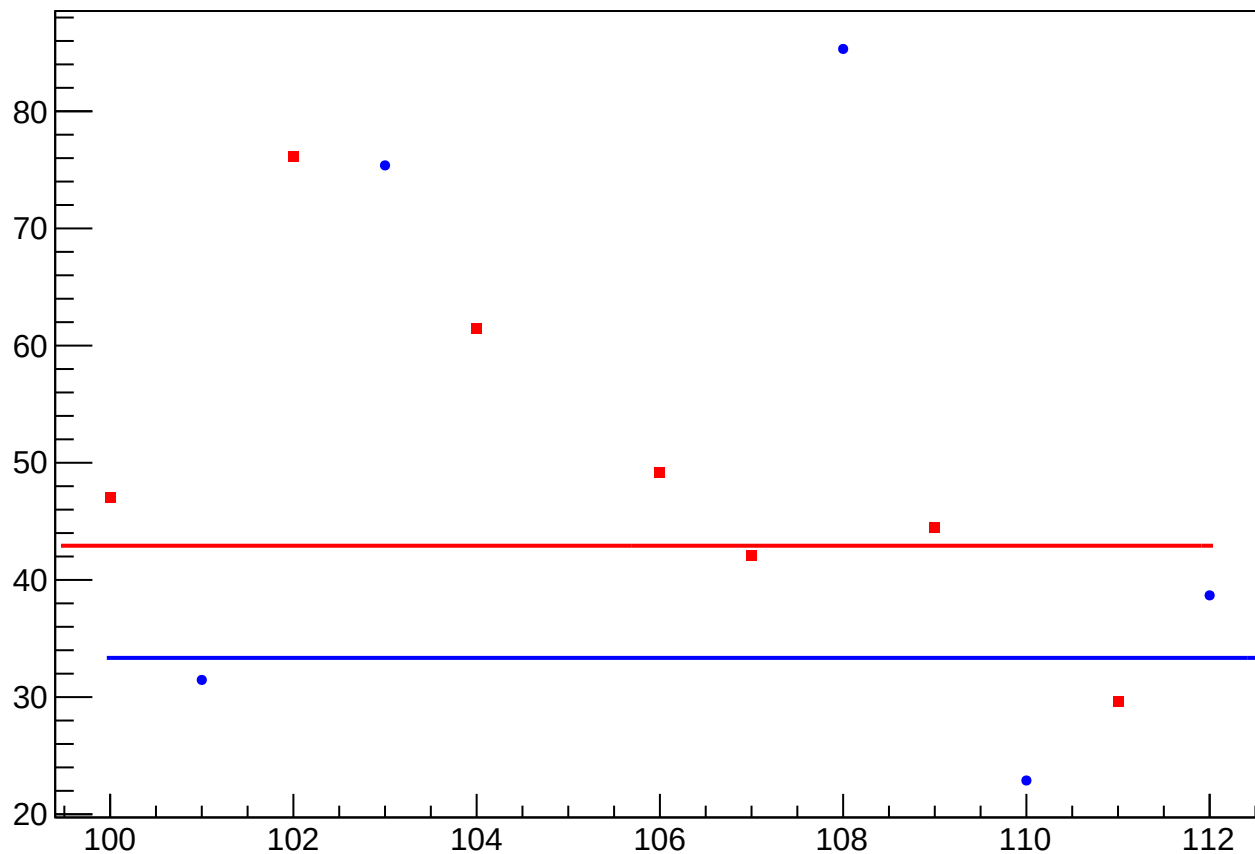
Right: -0.013 $\pm$ 0.019 χ^2 /NDF: 5.4/11

In: -0.002 $\pm$ 0.025 χ^2 /NDF:4.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.019 χ^2 /NDF: 5.4/11

asym_sam_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.348+/-0.017 χ^2/NDF : 754194.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.920+/-0.021 χ^2/NDF : 491905.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

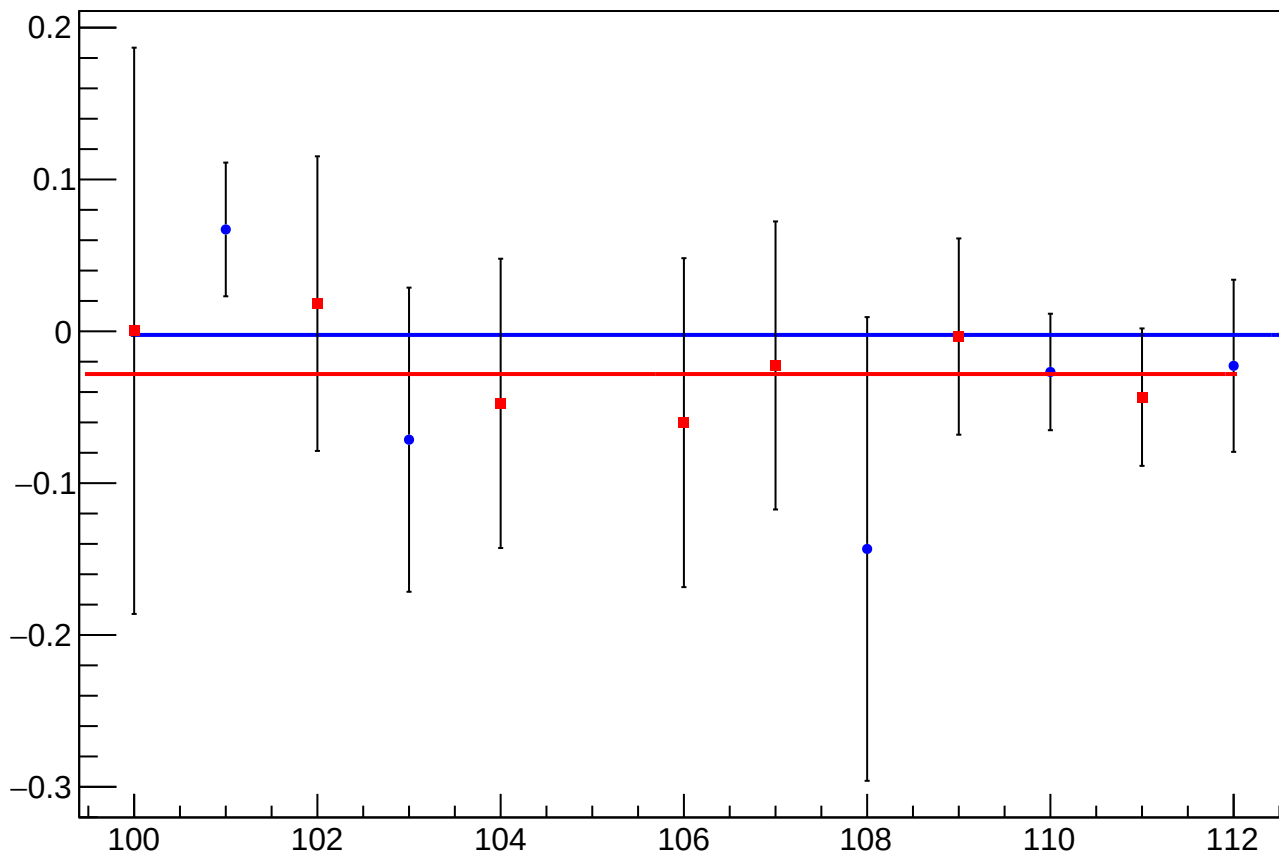
Right: 37.319+/-0.013 χ^2/NDF : 1371496.5/11

In: 33.348+/-0.017 χ^2/NDF : 754194.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.319+/-0.013 χ^2/NDF : 1371496.5/11

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.025 χ^2 /NDF: 4.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.028 $\pm$ 0.029 χ^2 /NDF: 0.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

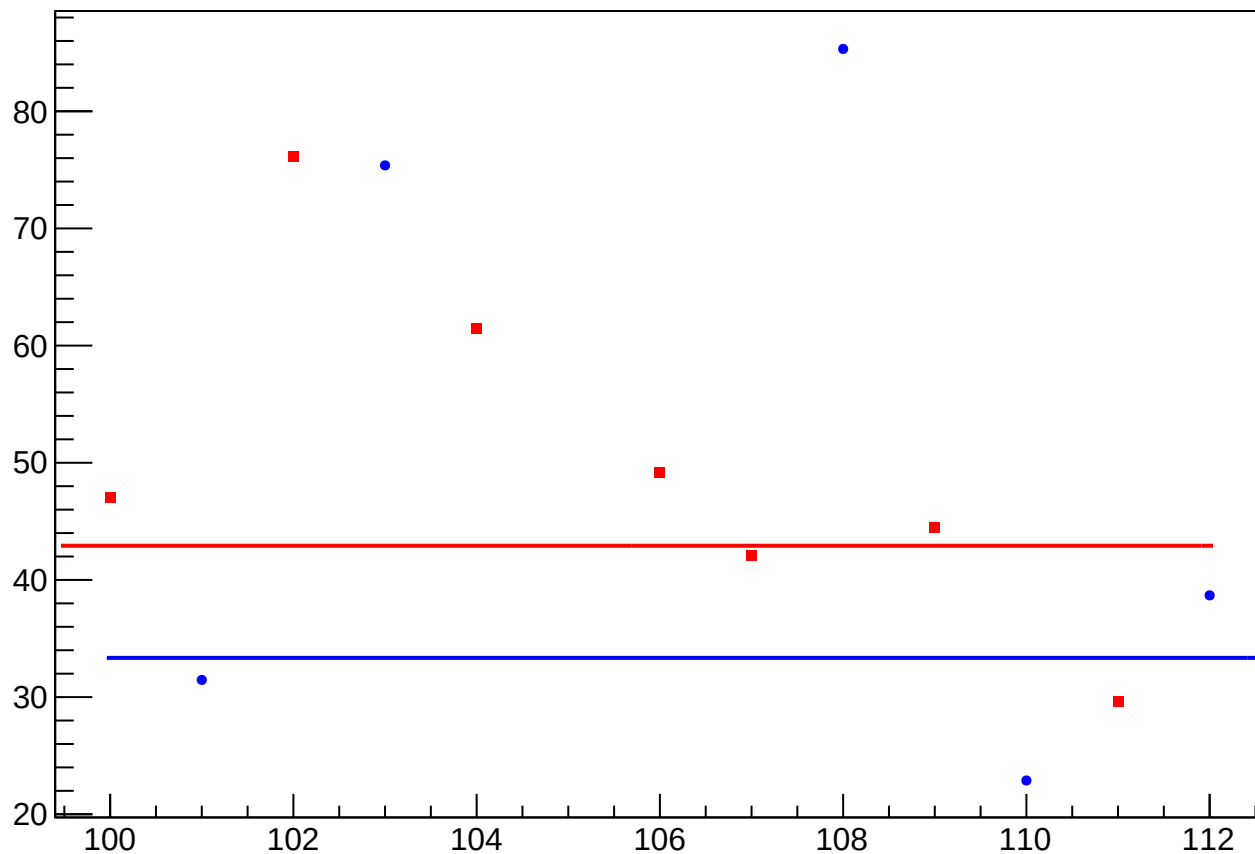
Right: -0.013 $\pm$ 0.019 χ^2 /NDF: 5.4/11

In: -0.002 $\pm$ 0.025 χ^2 /NDF:4.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.019 χ^2 /NDF: 5.4/11

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.348+/-0.017 χ^2/NDF : 754194.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.920+/-0.021 χ^2/NDF : 491905.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

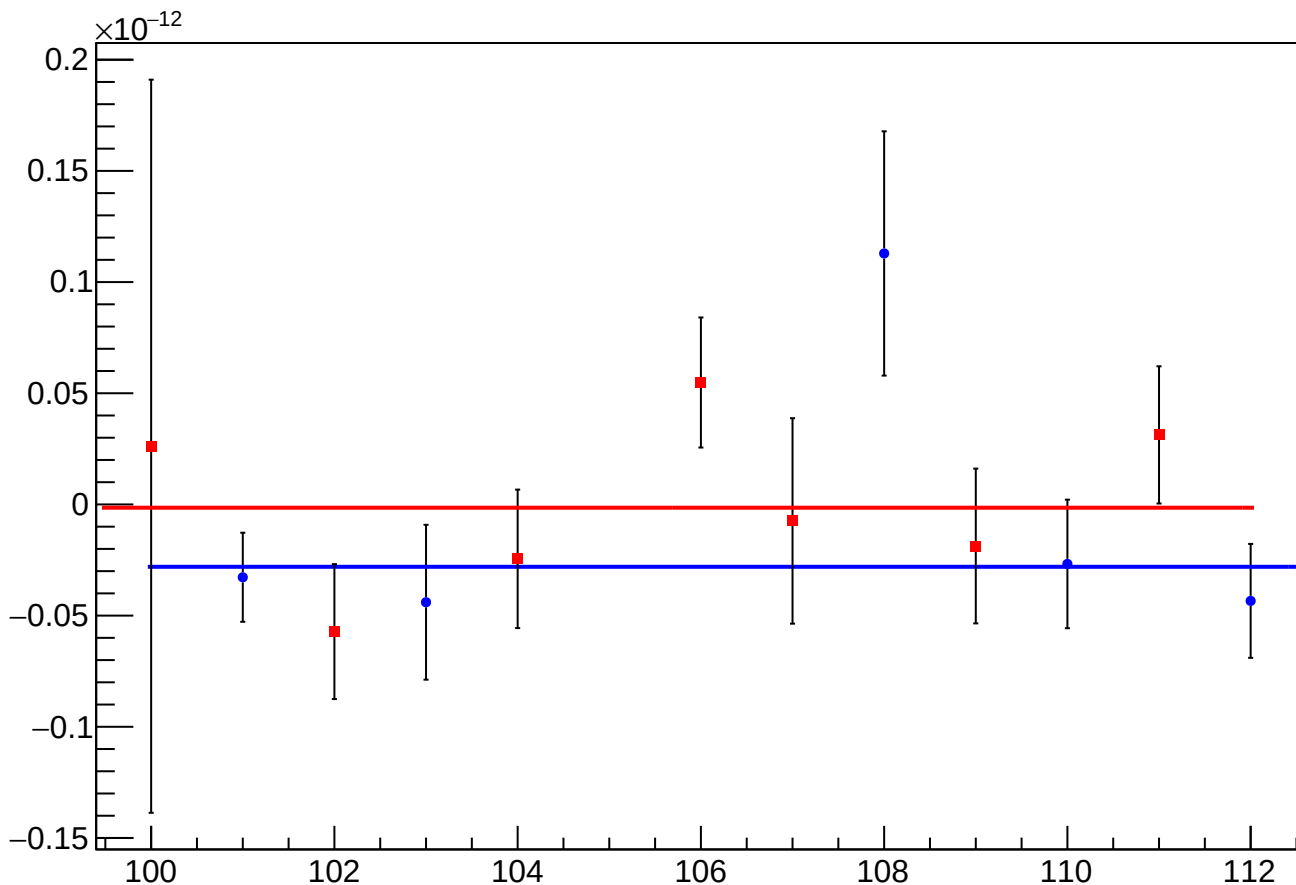
Right: 37.319+/-0.013 χ^2/NDF : 1371496.5/11

In: 33.348+/-0.017 χ^2/NDF : 754194.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.319+/-0.013 χ^2/NDF : 1371496.5/11

asym_sam_37_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

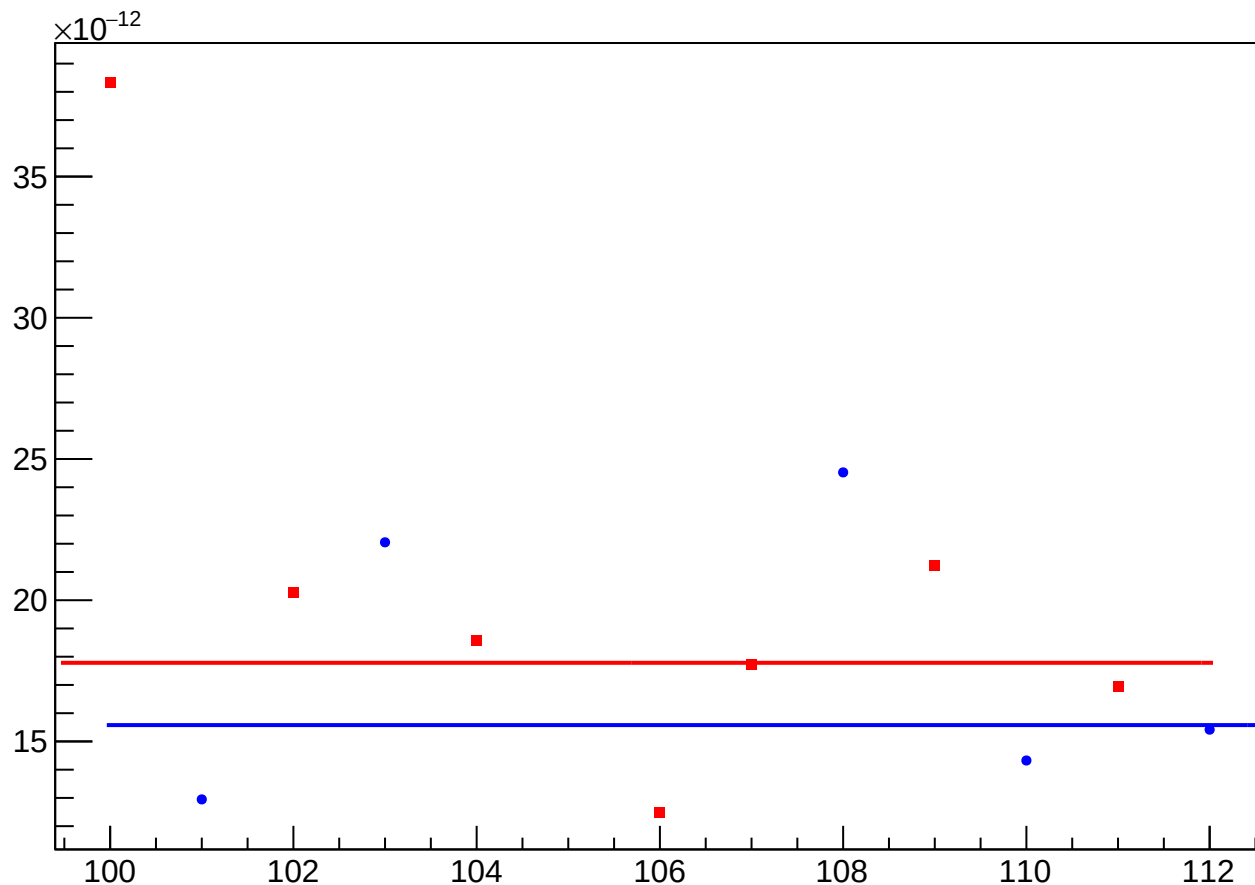
Right: -0.000+/-0.000 χ^2/NDF : 18.4/11

In: -0.000+/-0.000 χ^2/NDF : 7.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.4/11

asym_sam_37_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 160476.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 132186.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

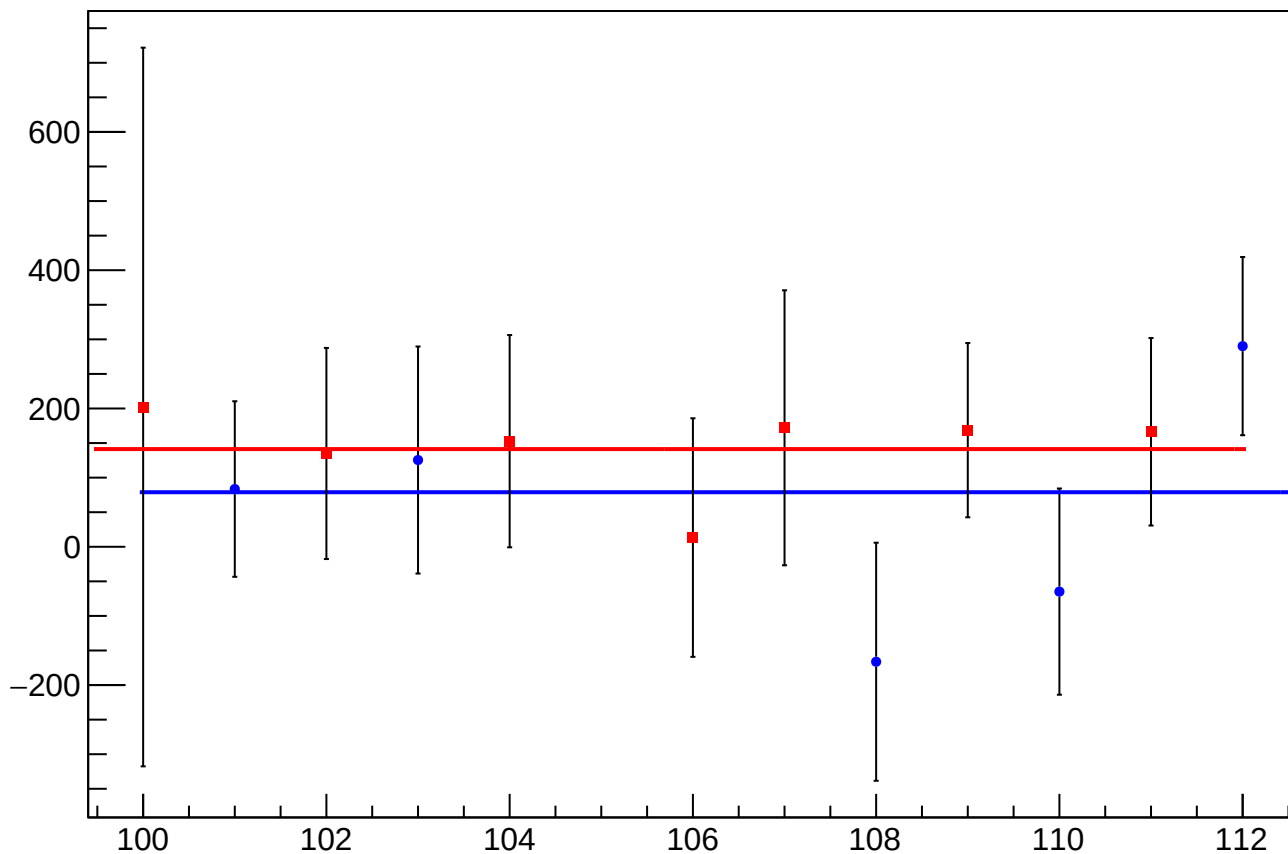
Right: 0.000+/-0.000 χ^2/NDF : 321847.0/11

In: 0.000+/-0.000 χ^2/NDF : 160476.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 321847.0/11

reg_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 78.913+/-64.810 χ^2/NDF : 5.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 141.294+/-61.391 χ^2/NDF : 0.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

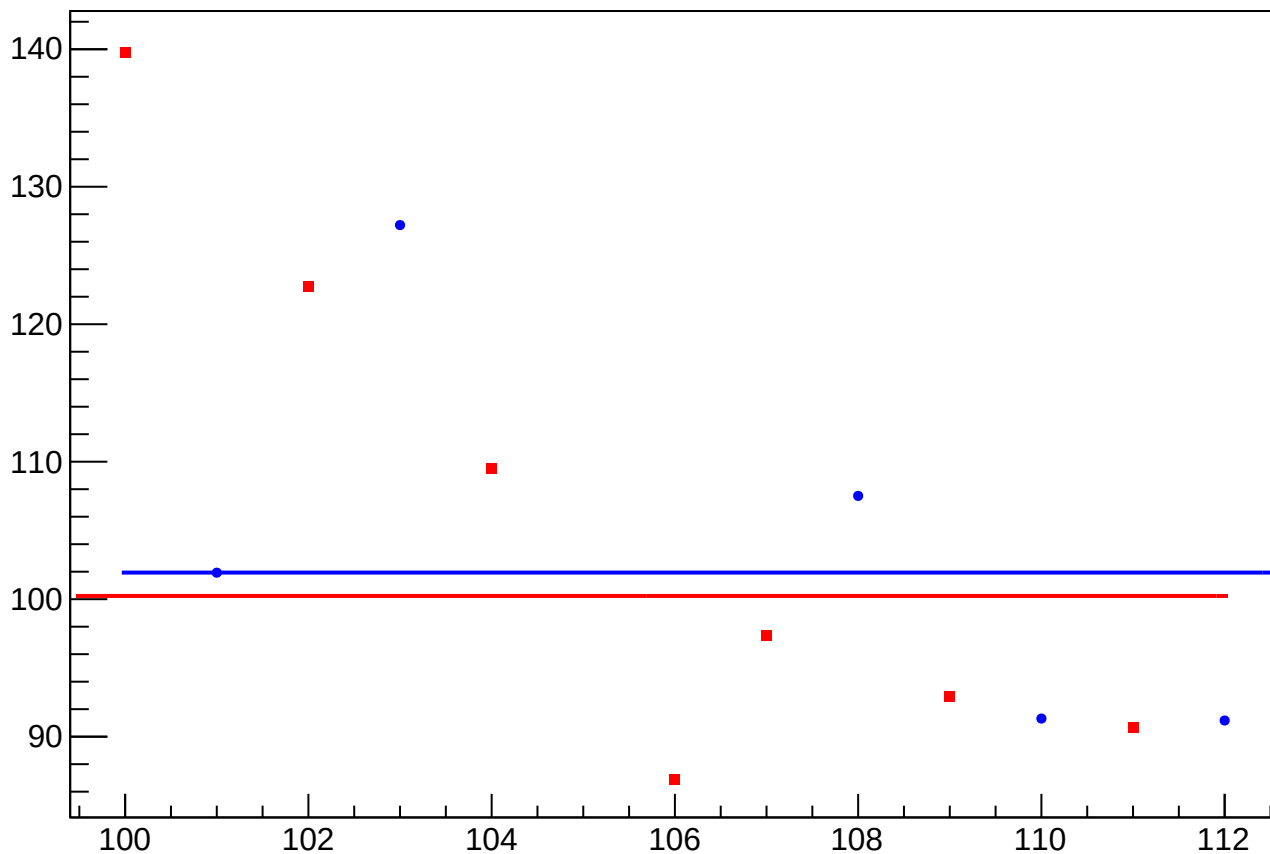
Right: 111.792+/-44.570 χ^2/NDF : 6.9/11

In: 78.913+/-64.810 χ^2/NDF : 5.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.792+/-44.570 χ^2/NDF : 6.9/11

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 101.936+/-0.046 χ^2/NDF : 73587.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.235+/-0.043 χ^2/NDF : 91453.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

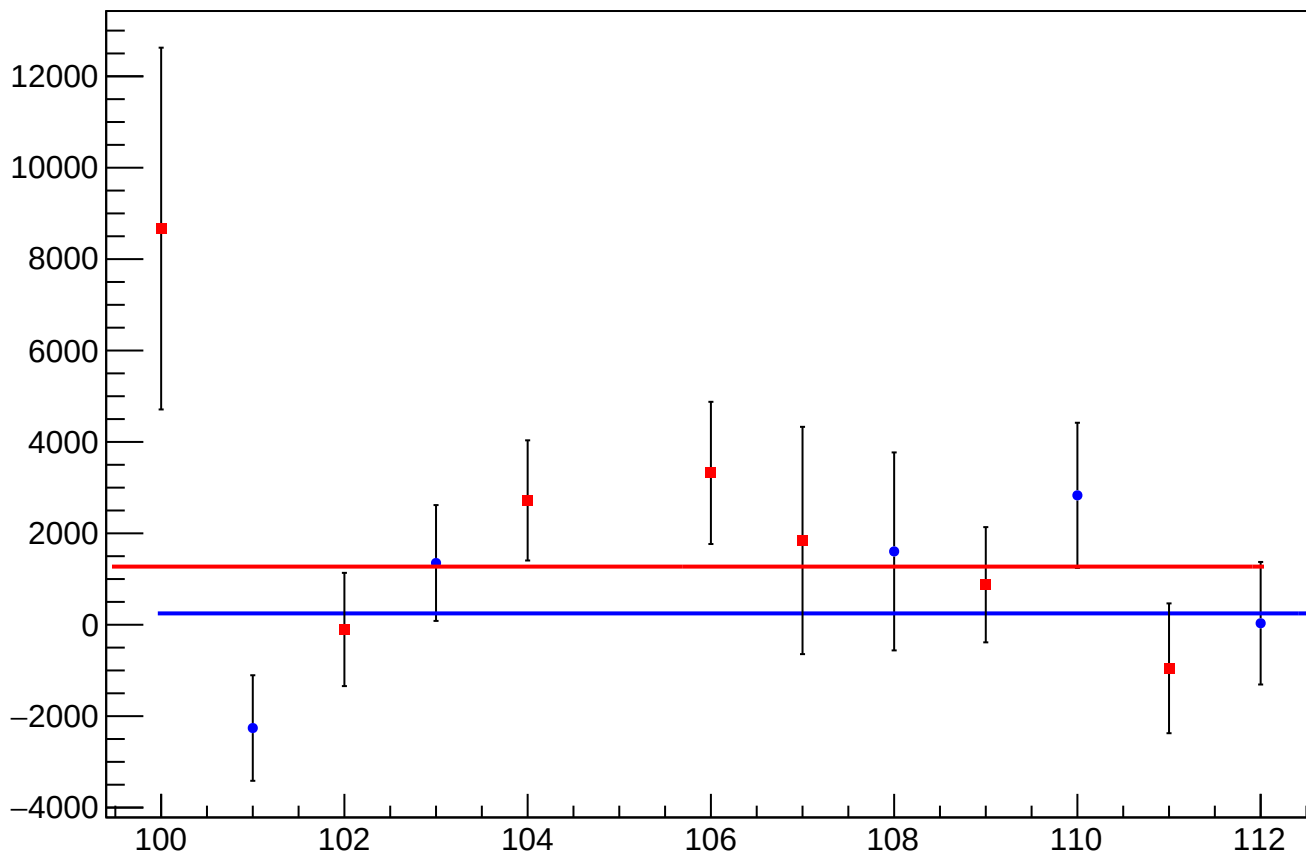
Right: 101.039+/-0.032 χ^2/NDF : 165766.6/11

In: 101.936+/-0.046 χ^2/NDF : 73587.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.039+/-0.032 χ^2/NDF : 165766.6/11

asym_sam_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 248.215+/-627.606 χ^2/NDF : 8.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1272.308+/-577.947 χ^2/NDF : 10.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

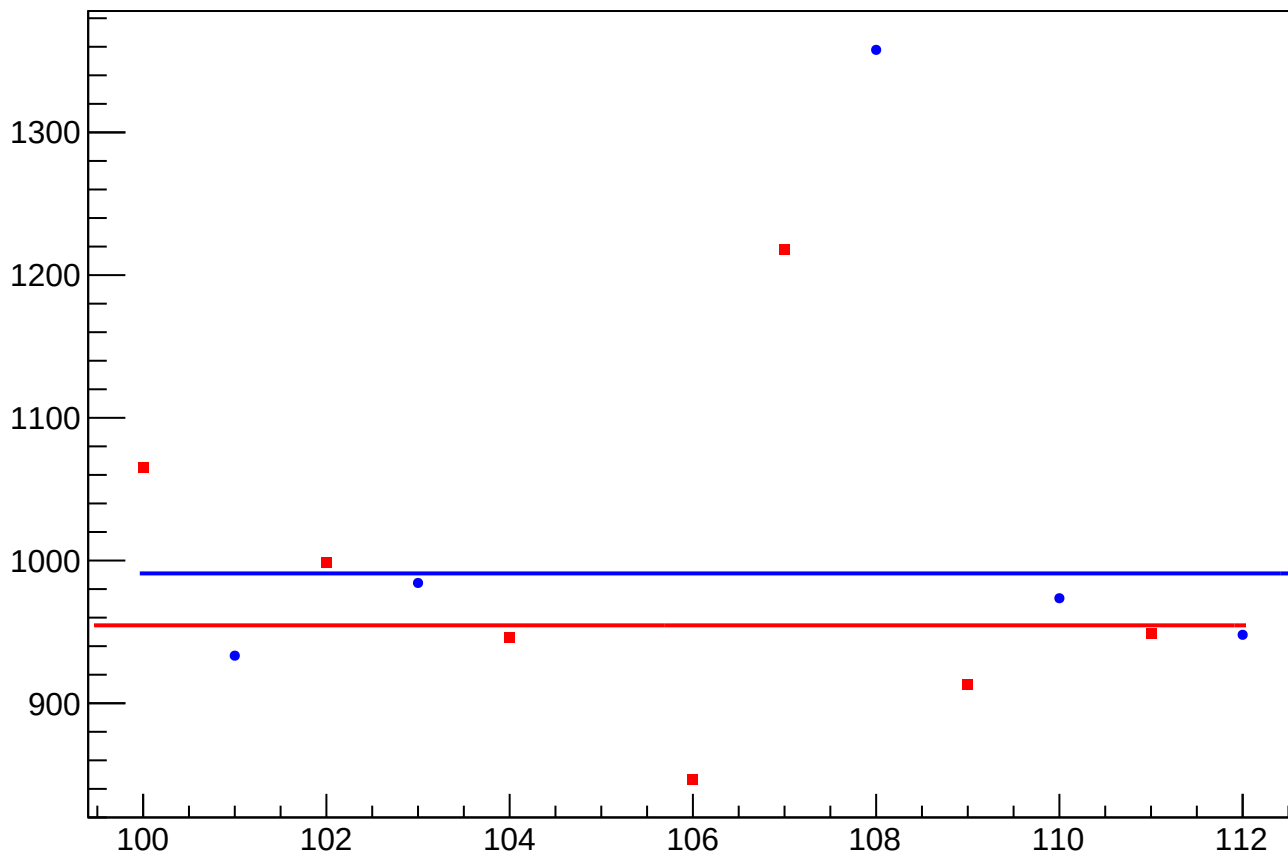
Right: 802.375+/-425.144 χ^2/NDF : 20.3/11

In: 248.215+/-627.606 χ^2/NDF : 8.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 802.375+/-425.144 χ^2/NDF : 20.3/11

asym_sam_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 990.979+/-0.444 χ^2/NDF : 64718.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 954.594+/-0.409 χ^2/NDF : 38370.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

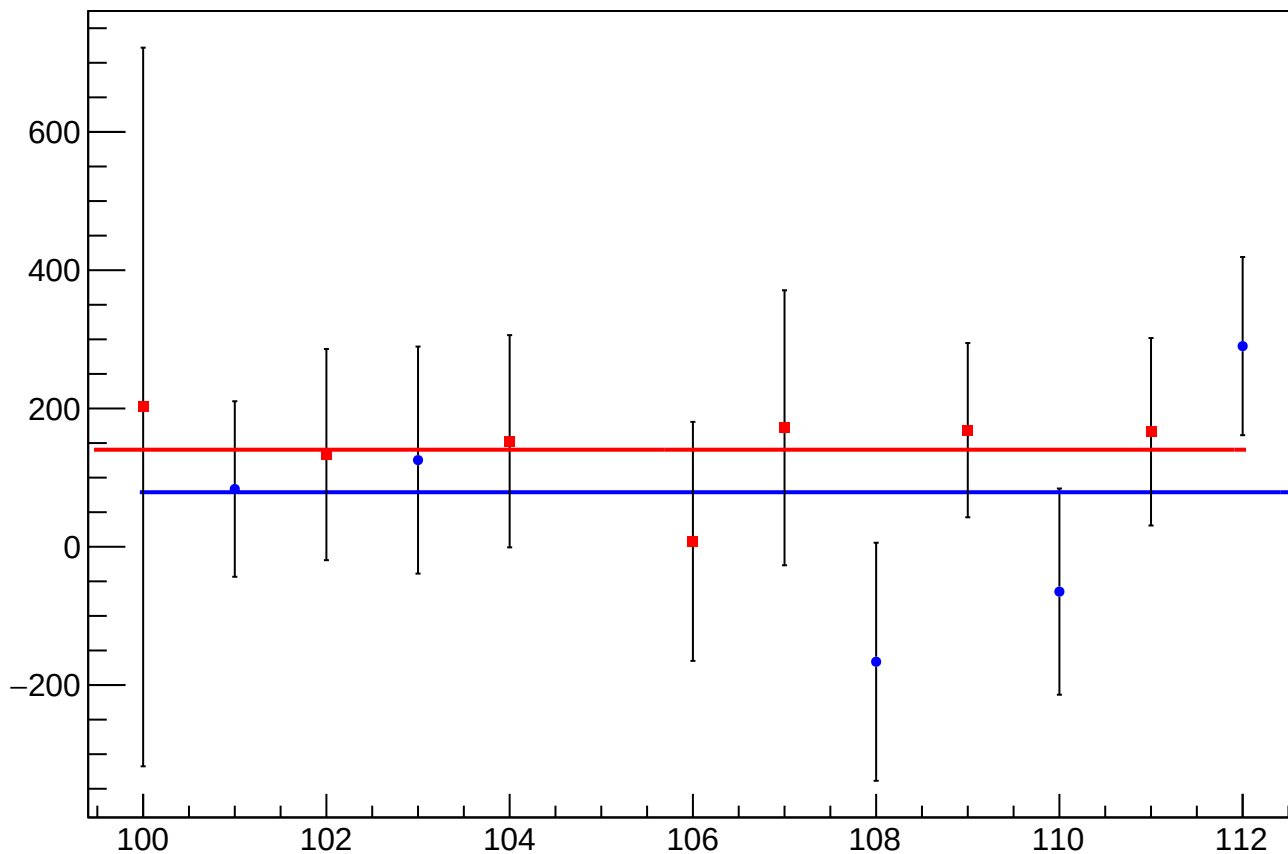
Right: 971.291+/-0.301 χ^2/NDF : 106725.5/11

In: 990.979+/-0.444 χ^2/NDF : 64718.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 971.291+/-0.301 χ^2/NDF : 106725.5/11

cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 78.886+/-64.810 χ^2/NDF : 5.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 140.384+/-61.409 χ^2/NDF : 0.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

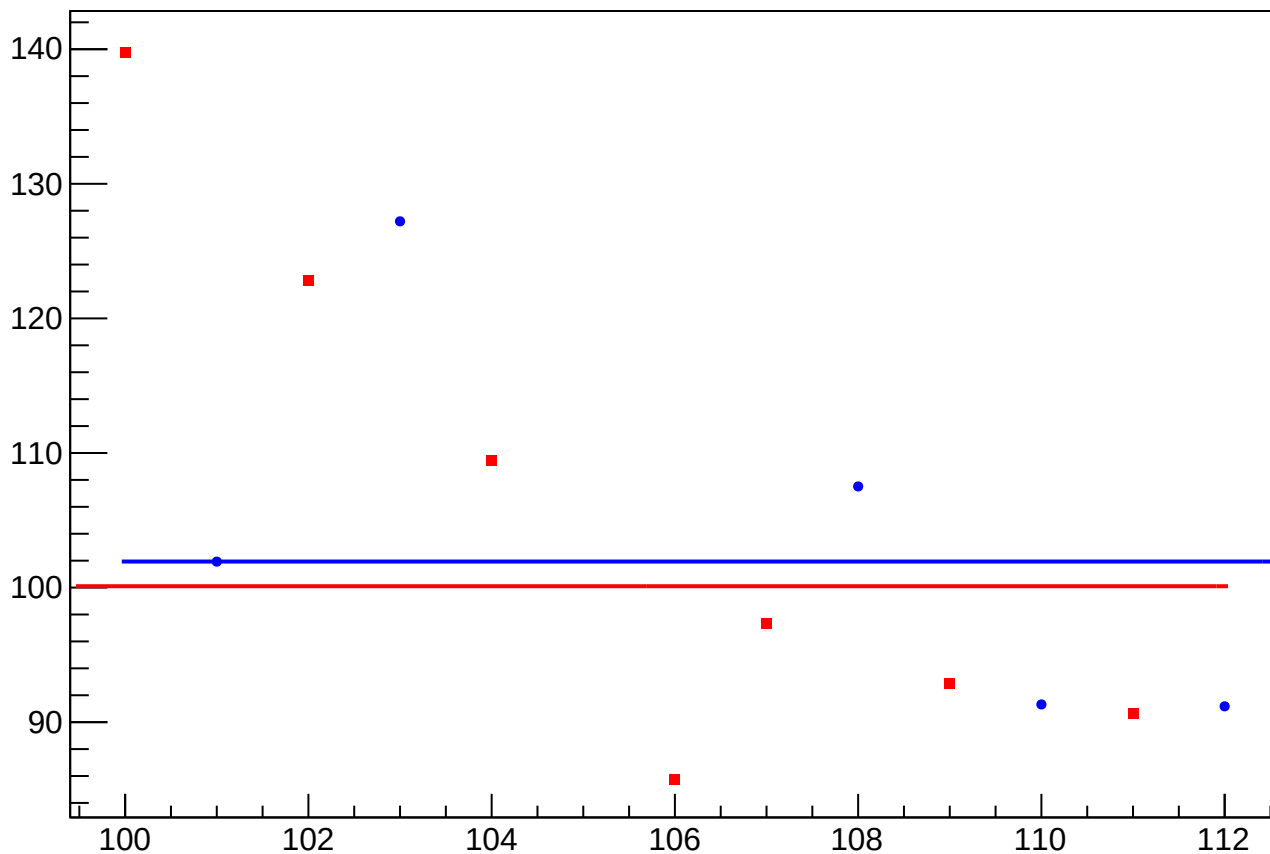
Right: 111.290+/-44.577 χ^2/NDF : 6.9/11

In: 78.886+/-64.810 χ^2/NDF : 5.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.290+/-44.577 χ^2/NDF : 6.9/11

cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 101.936+/-0.046 χ^2/NDF : 73588.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.102+/-0.043 χ^2/NDF : 93677.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

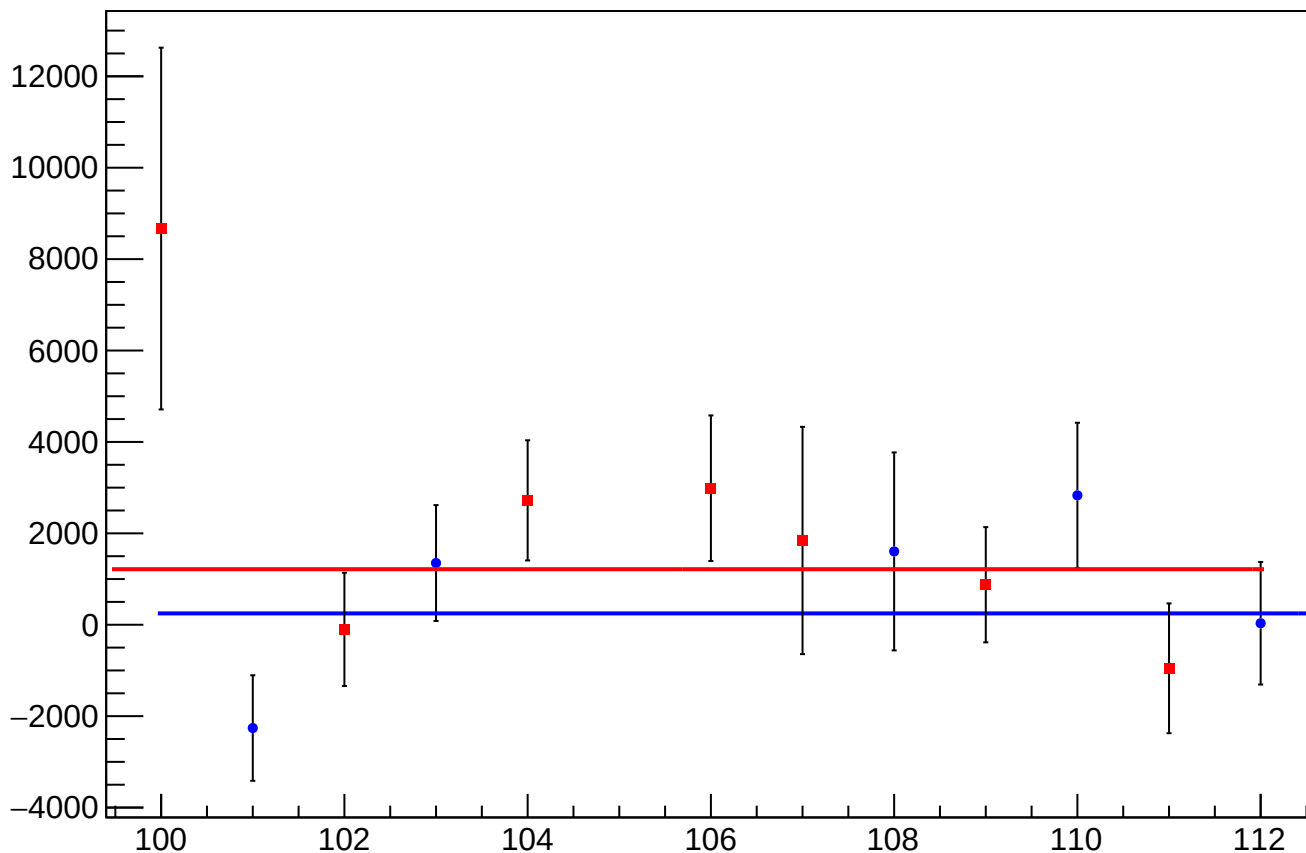
Right: 100.969+/-0.032 χ^2/NDF : 168110.5/11

In: 101.936+/-0.046 χ^2/NDF : 73588.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.969+/-0.032 χ^2/NDF : 168110.5/11

asym_sam_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 248.032+/-627.615 χ^2/NDF : 8.5/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1215.761+/-579.826 χ^2/NDF : 9.7/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

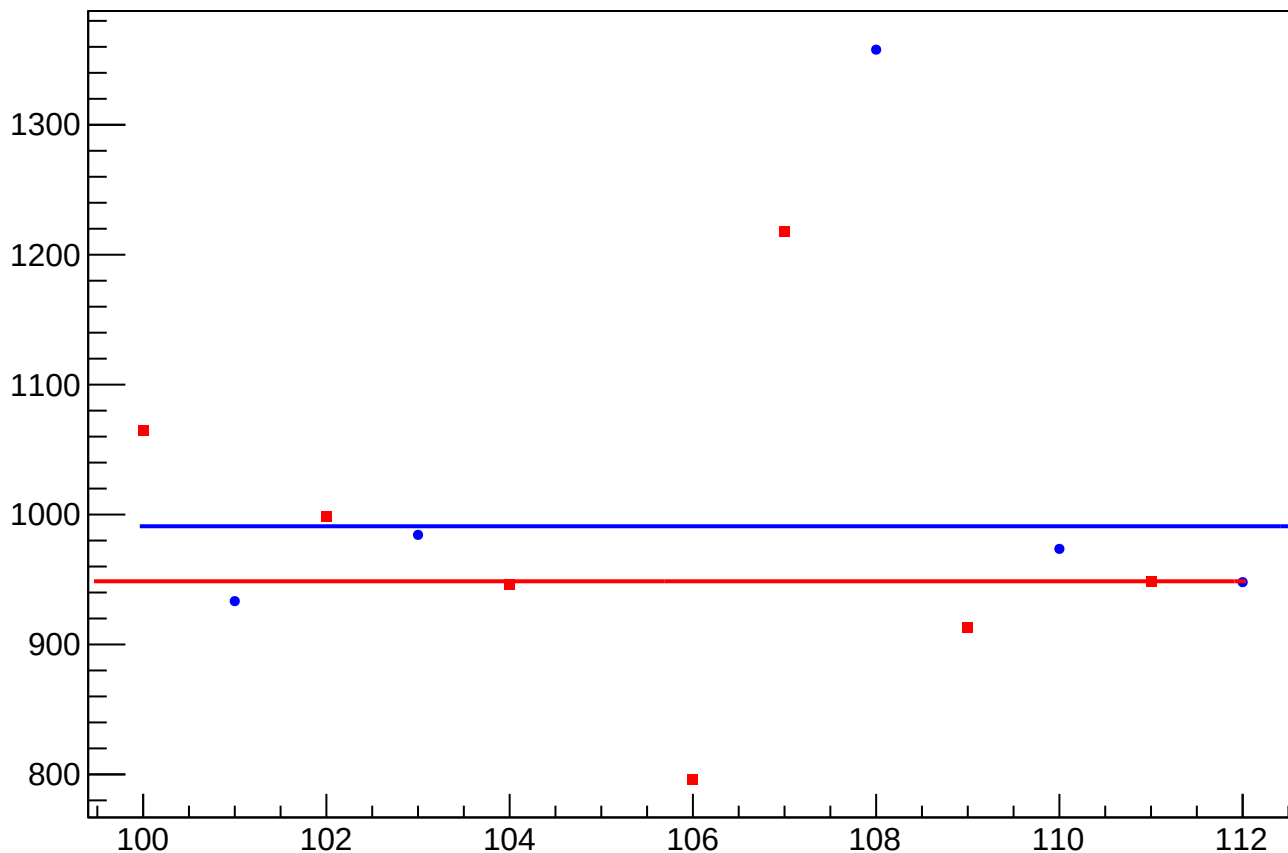
Right: 770.138+/-425.893 χ^2/NDF : 19.5/11

In: 248.032+/-627.615 χ^2/NDF :8.5/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 770.138+/-425.893 χ^2/NDF : 19.5/11

asym_sam_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 990.994+/-0.444 χ^2/NDF : 64717.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 948.645+/-0.410 χ^2/NDF : 48366.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

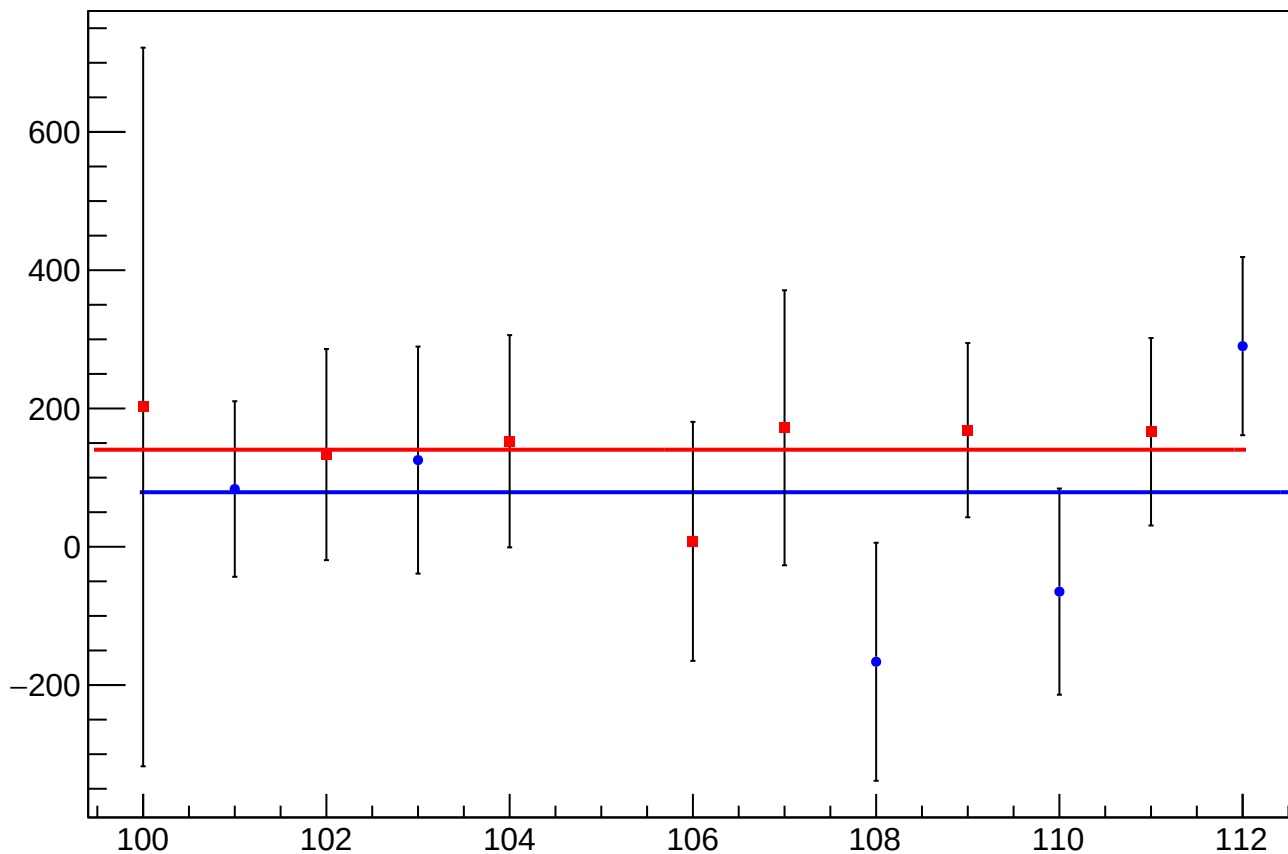
Right: 968.146+/-0.301 χ^2/NDF : 117996.4/11

In: 990.994+/-0.444 χ^2/NDF : 64717.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 968.146+/-0.301 χ^2/NDF : 117996.4/11

eigen_cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 78.886+/-64.810 χ^2/NDF : 5.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 140.384+/-61.409 χ^2/NDF : 0.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

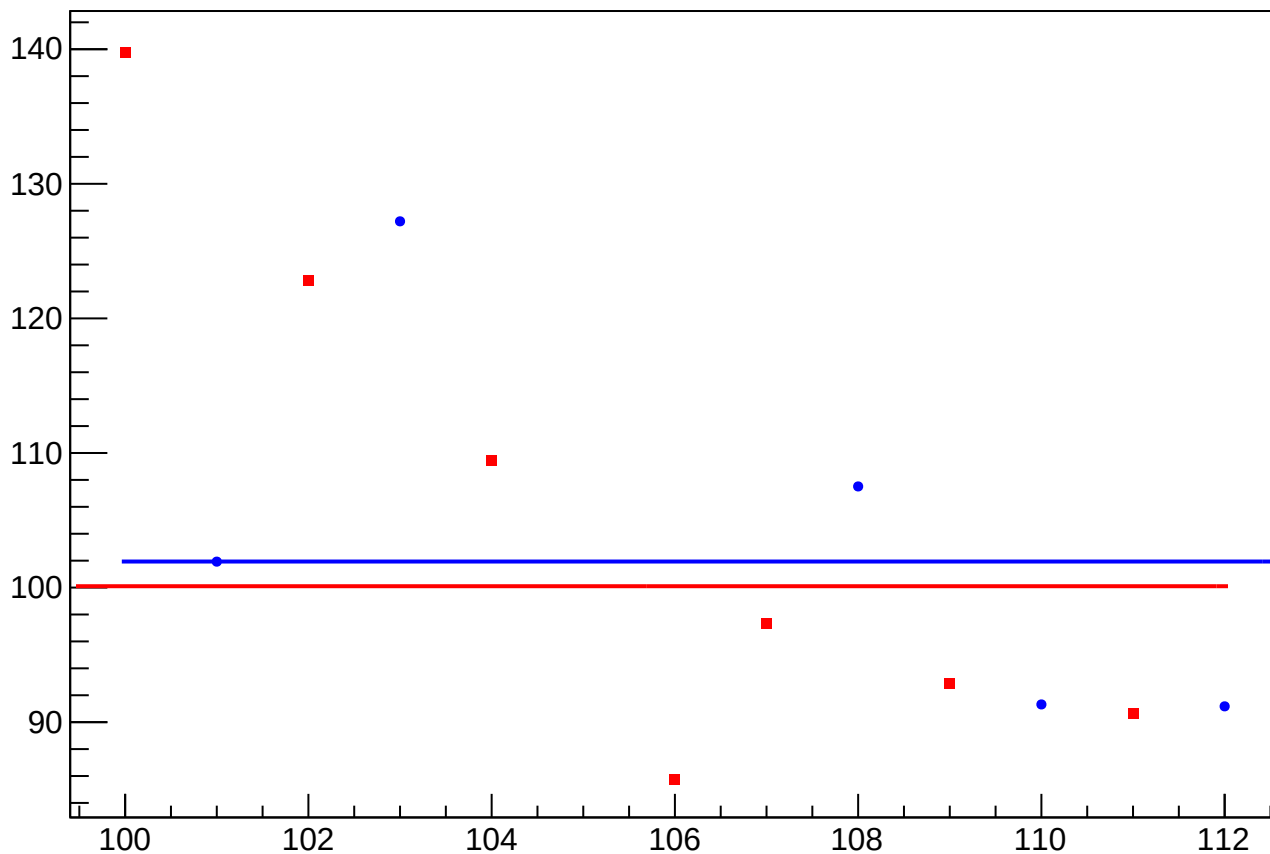
Right: 111.290+/-44.577 χ^2/NDF : 6.9/11

In: 78.886+/-64.810 χ^2/NDF : 5.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.290+/-44.577 χ^2/NDF : 6.9/11

eigen_cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 101.936+/-0.046 χ^2/NDF : 73588.8/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 100.102+/-0.043 χ^2/NDF : 93677.5/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

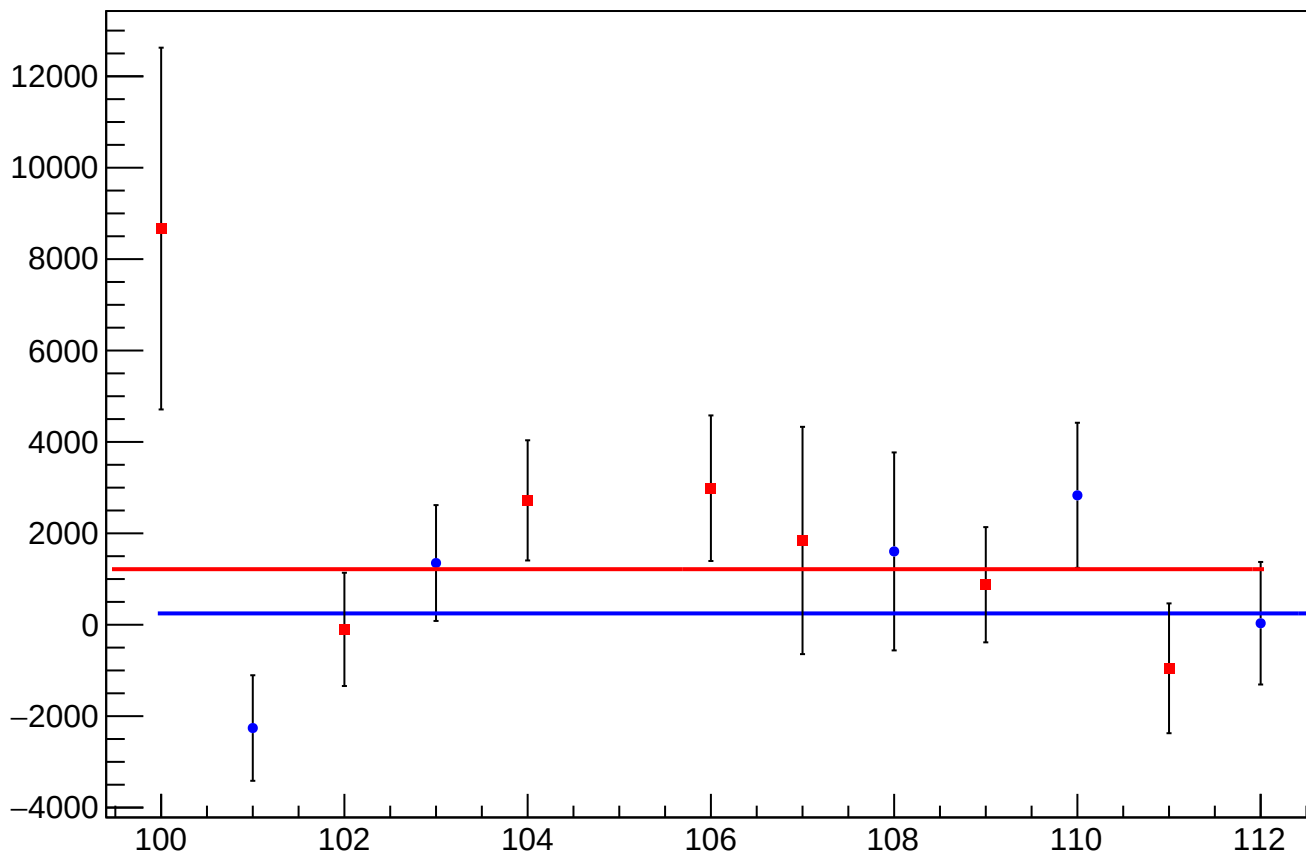
Right: 100.969+/-0.032 χ^2/NDF : 168110.5/11

In: 101.936+/-0.046 χ^2/NDF :73588.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 100.969+/-0.032 χ^2/NDF : 168110.5/11

asym_sam_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 248.032+/-627.615 χ^2/NDF : 8.5/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1215.761+/-579.826 χ^2/NDF : 9.7/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

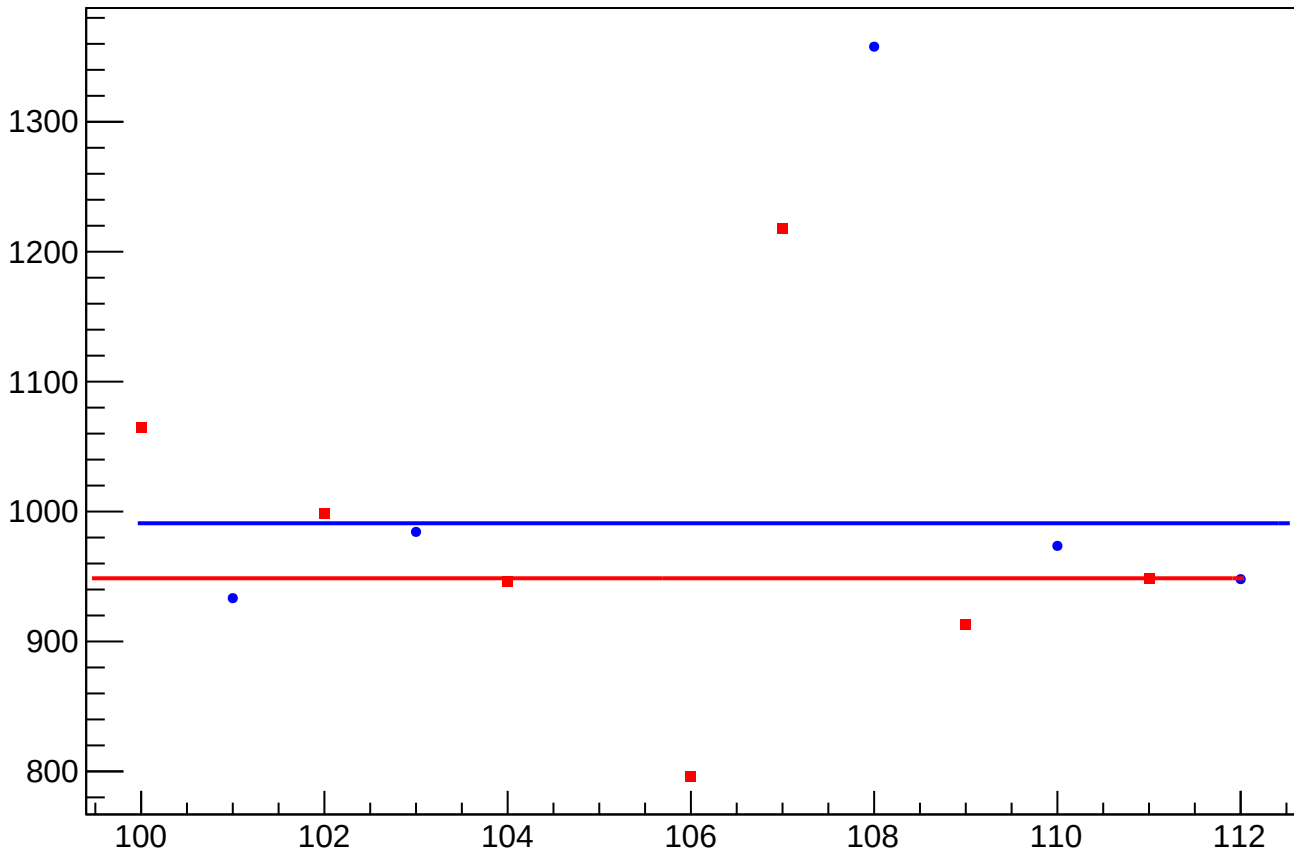
Right: 770.138+/-425.893 χ^2/NDF : 19.5/11

In: 248.032+/-627.615 χ^2/NDF :8.5/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 770.138+/-425.893 χ^2/NDF : 19.5/11

asym_sam_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 990.994+/-0.444 χ^2/NDF : 64717.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 948.645+/-0.410 χ^2/NDF : 48366.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

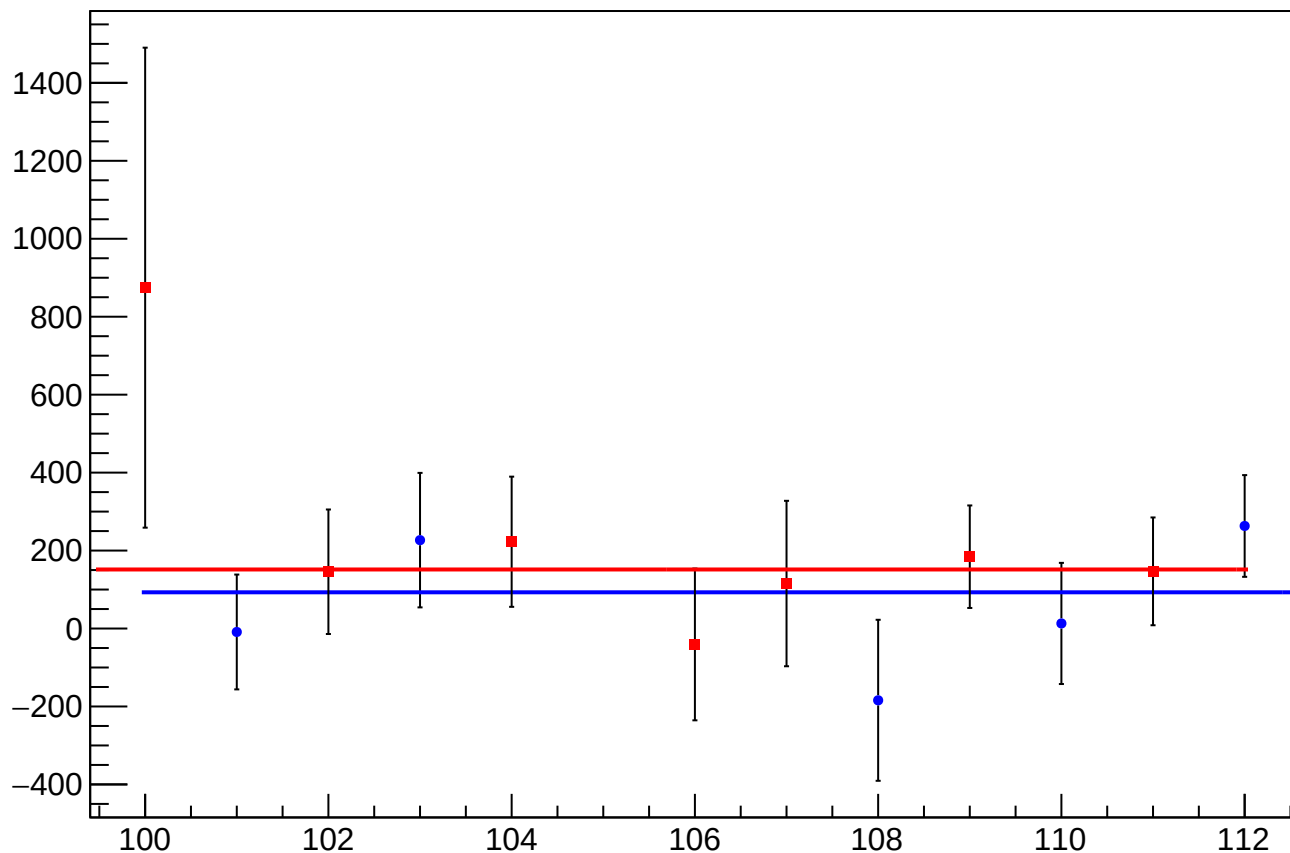
Right: 968.146+/-0.301 χ^2/NDF : 117996.4/11

In: 990.994+/-0.444 χ^2/NDF : 64717.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 968.146+/-0.301 χ^2/NDF : 117996.4/11

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 92.924 $\pm$ 70.146 χ^2 /NDF: 4.8/4

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 151.485 $\pm$ 65.041 χ^2 /NDF: 2.6/6

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

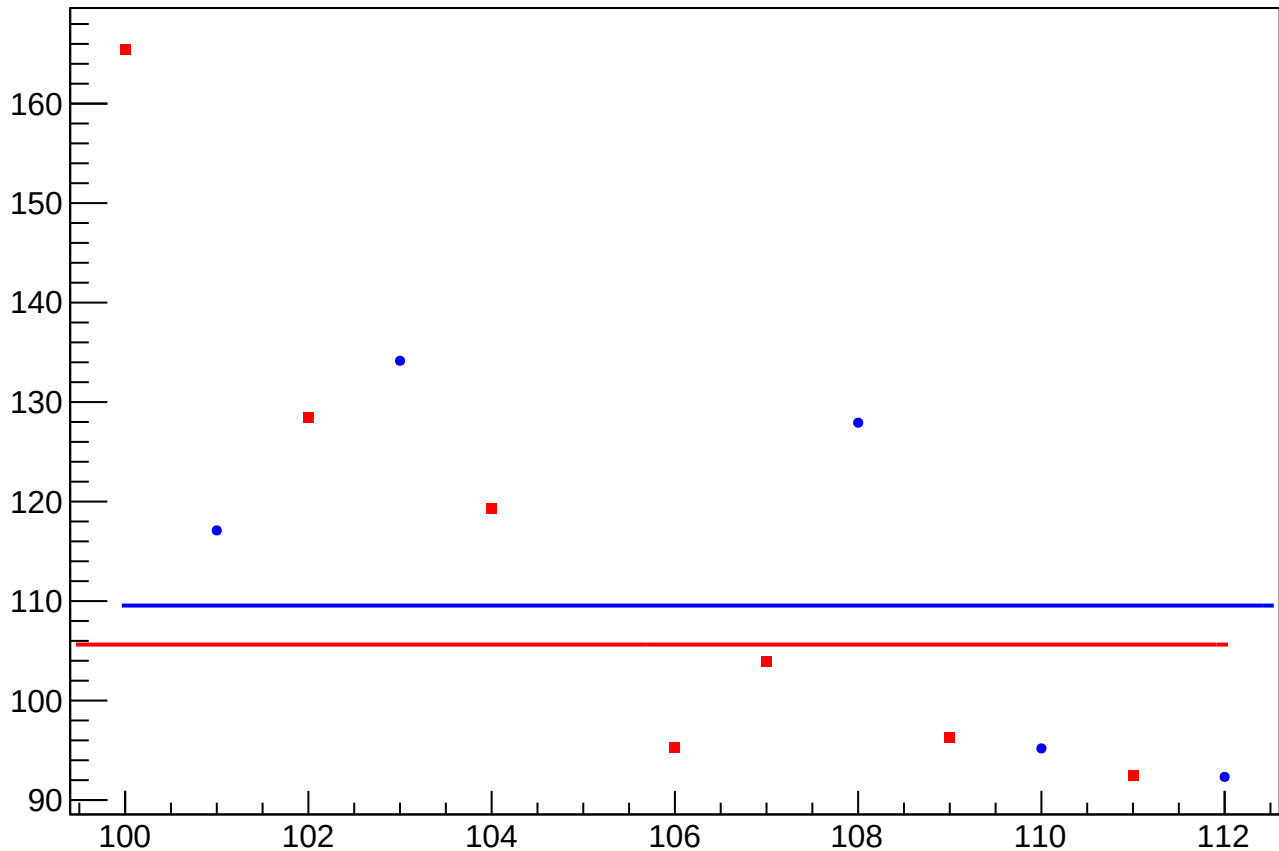
Right: 124.412 $\pm$ 47.694 χ^2 /NDF: 7.8/11

In: 92.924 $\pm$ 70.146 χ^2 /NDF:4.8/4

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 124.412 $\pm$ 47.694 χ^2 /NDF: 7.8/11

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 109.548+/-0.050 χ^2/NDF : 113646.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 105.628+/-0.046 χ^2/NDF : 107162.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

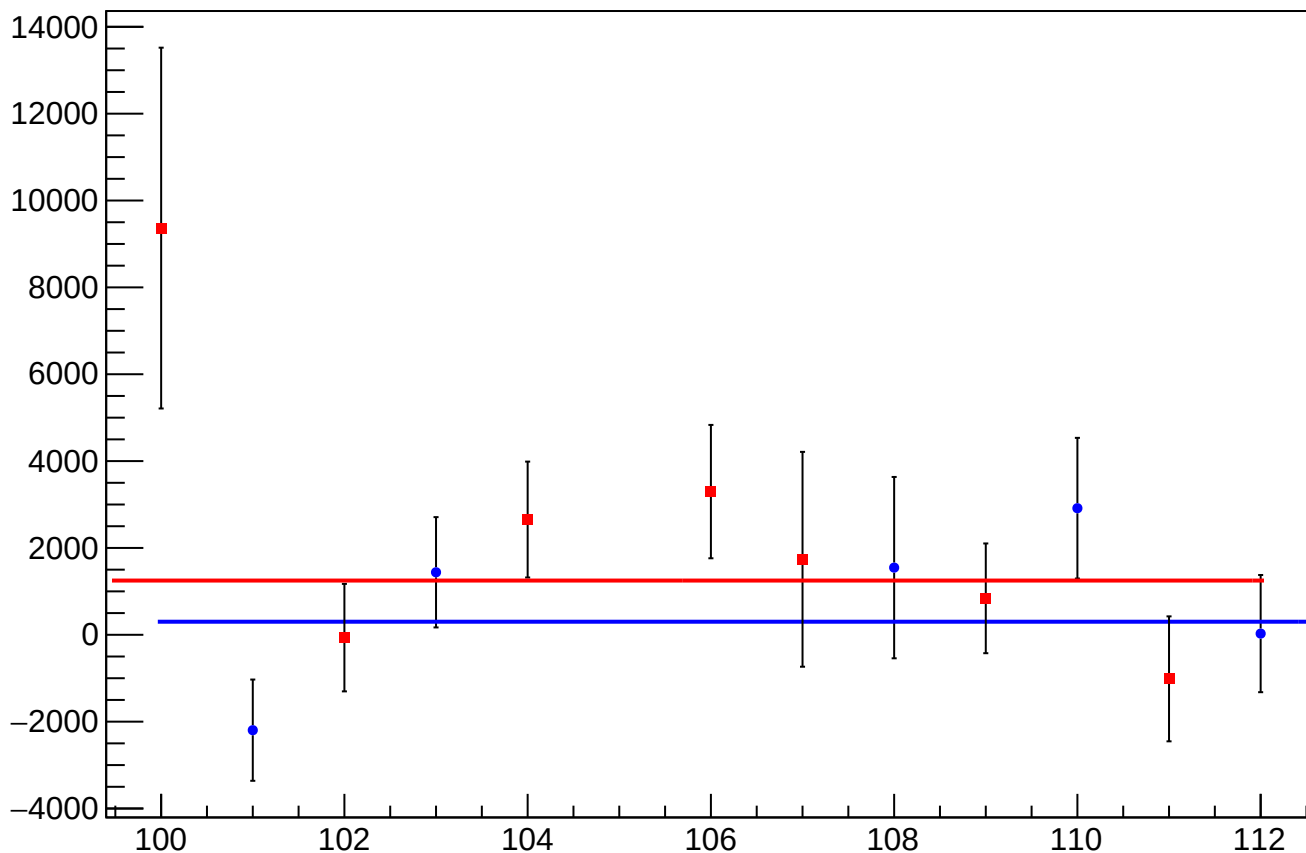
Right: 107.441+/-0.034 χ^2/NDF : 224167.3/11

In: 109.548+/-0.050 χ^2/NDF : 113646.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.441+/-0.034 χ^2/NDF : 224167.3/11

asym_sam_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 301.248+/-630.497 χ^2/NDF : 8.4/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1249.106+/-580.331 χ^2/NDF : 10.5/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

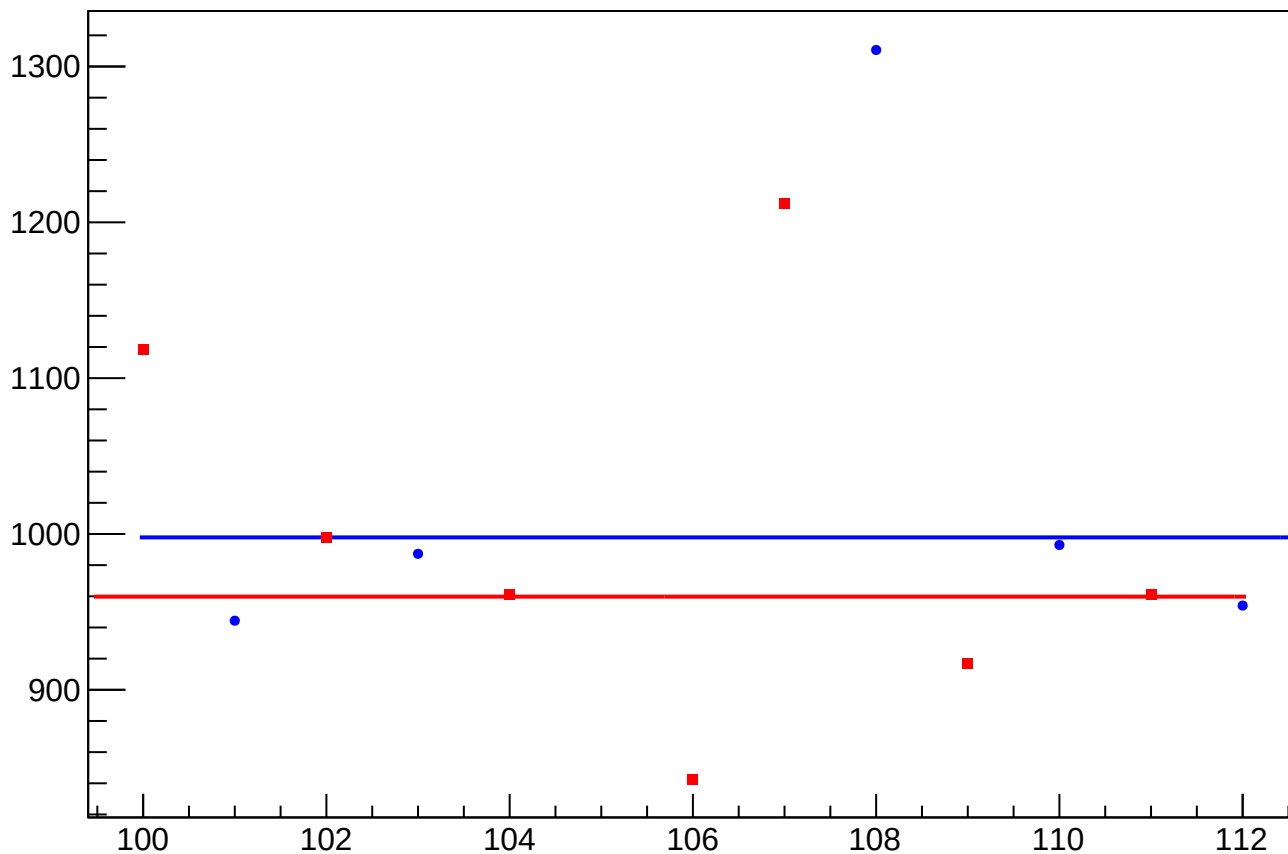
Right: 814.380+/-426.991 χ^2/NDF : 20.1/11

In: 301.248+/-630.497 χ^2/NDF :8.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 814.380+/-426.991 χ^2/NDF : 20.1/11

asym_sam_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 997.812 $\pm$ 0.446 χ^2 /NDF: 51350.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 959.788 $\pm$ 0.410 χ^2 /NDF: 39558.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

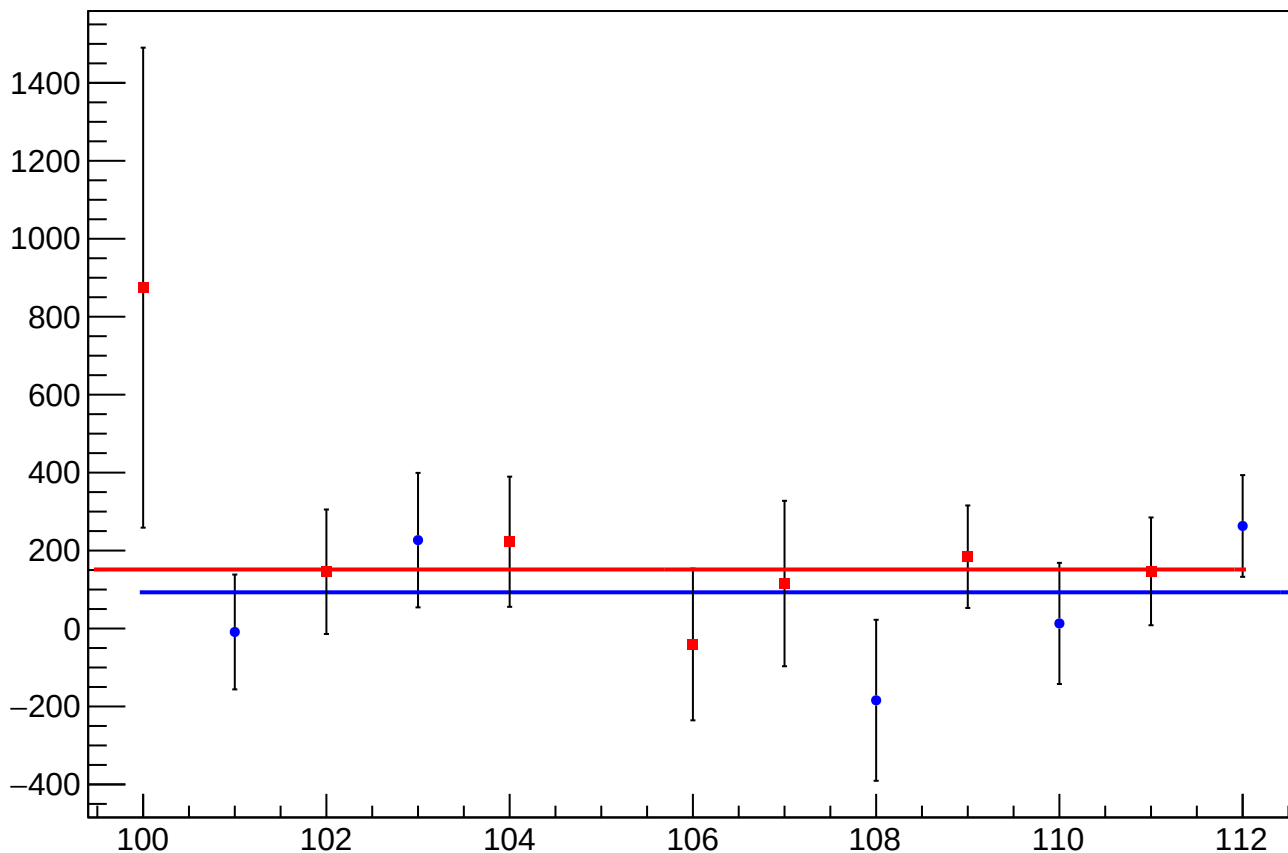
Right: 977.227 $\pm$ 0.302 χ^2 /NDF: 94847.1/11

In: 997.812 $\pm$ 0.446 χ^2 /NDF:51350.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 977.227 $\pm$ 0.302 χ^2 /NDF: 94847.1/11

eigen_dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 92.923+/-70.146 χ^2/NDF : 4.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.485+/-65.041 χ^2/NDF : 2.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

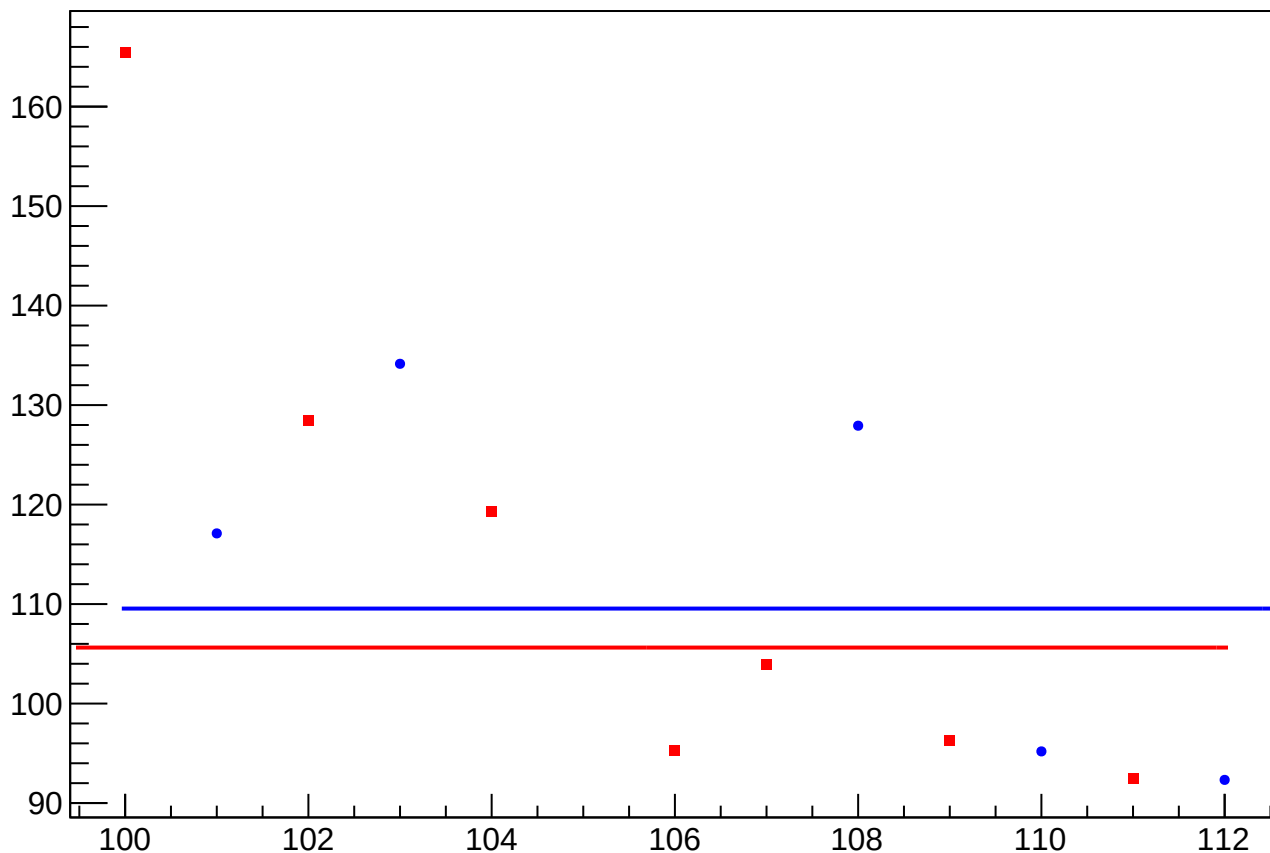
Right: 124.412+/-47.694 χ^2/NDF : 7.8/11

In: 92.923+/-70.146 χ^2/NDF : 4.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.412+/-47.694 χ^2/NDF : 7.8/11

eigen_dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 109.548+/-0.050 χ^2/NDF : 113649.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 105.628+/-0.046 χ^2/NDF : 107163.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

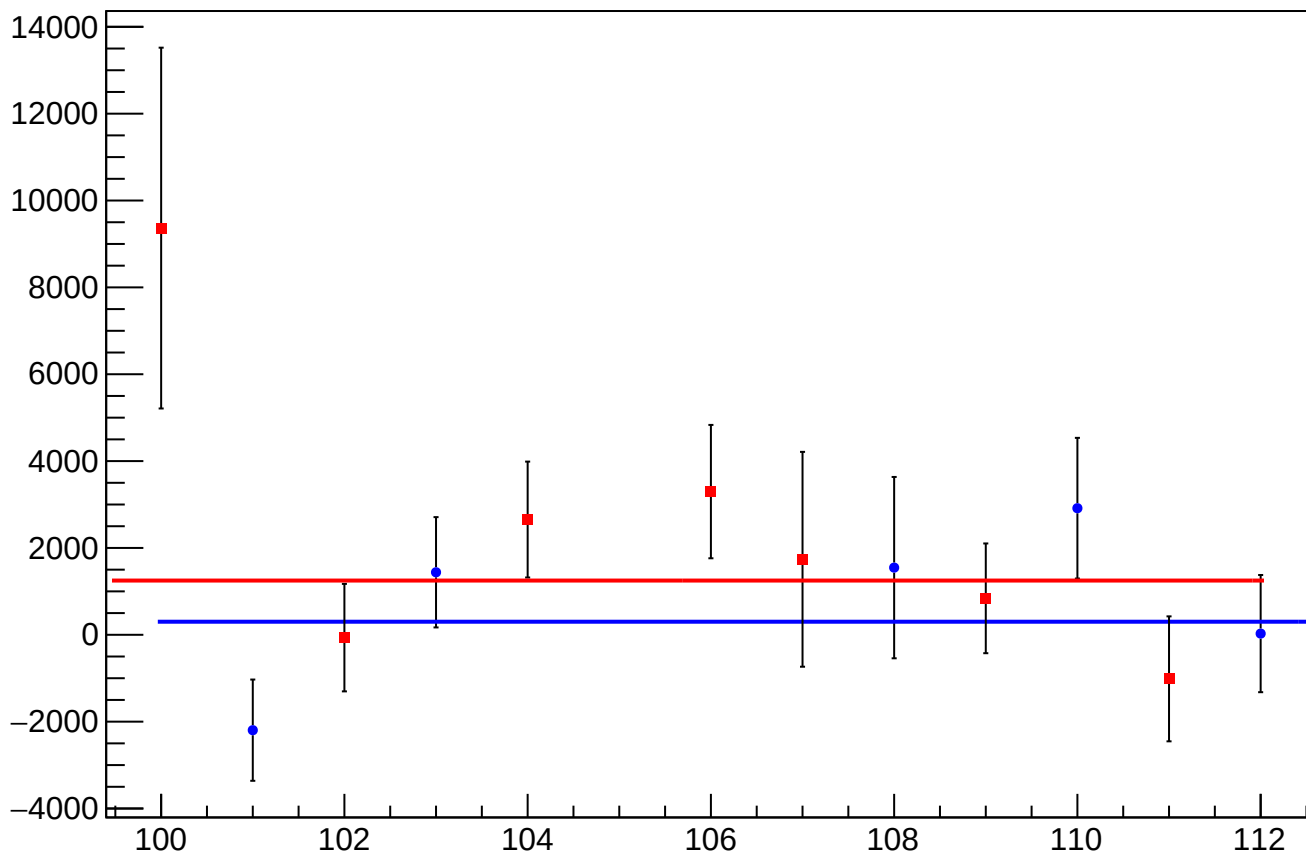
Right: 107.441+/-0.034 χ^2/NDF : 224171.0/11

In: 109.548+/-0.050 χ^2/NDF : 113649.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.441+/-0.034 χ^2/NDF : 224171.0/11

asym_sam_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 301.249+/-630.497 χ^2/NDF : 8.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1249.105+/-580.331 χ^2/NDF : 10.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

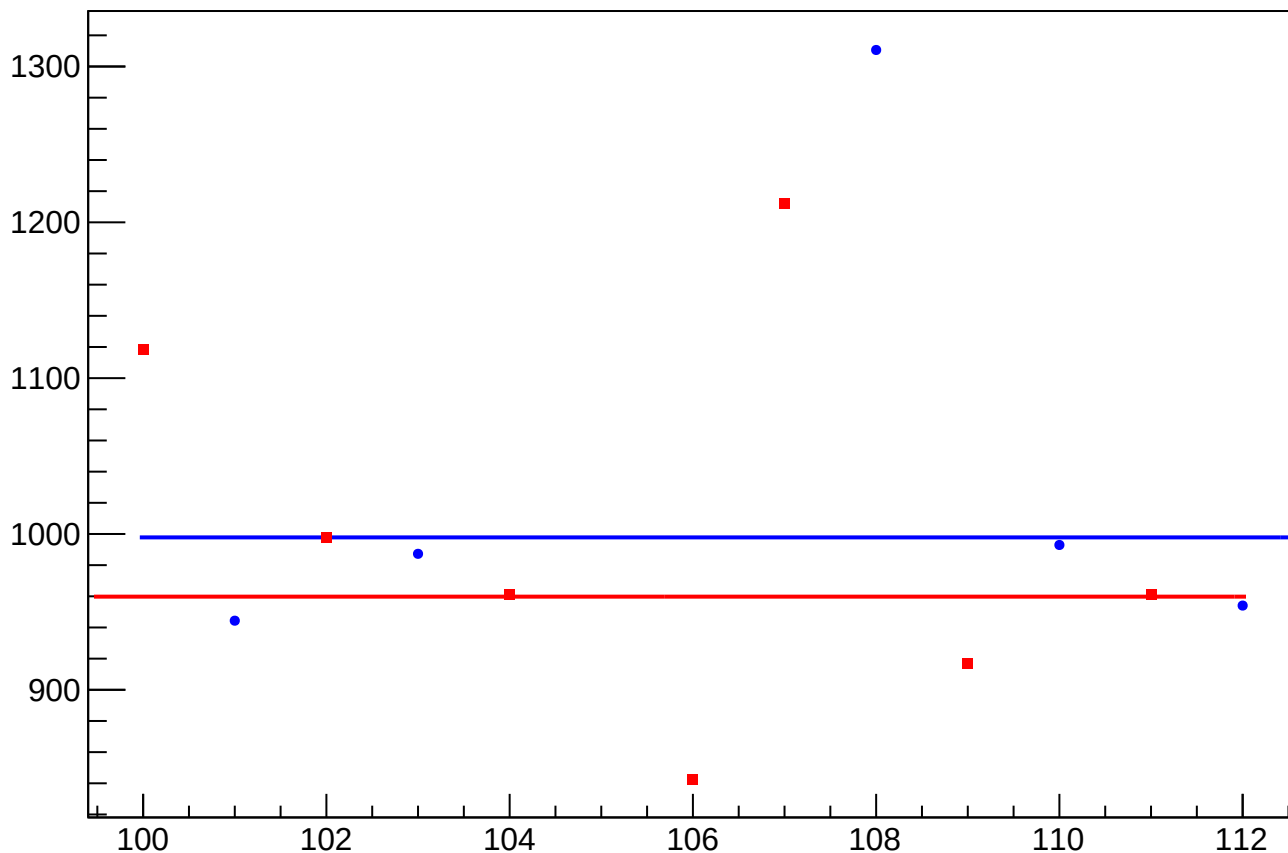
Right: 814.380+/-426.991 χ^2/NDF : 20.1/11

In: 301.249+/-630.497 χ^2/NDF : 8.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 814.380+/-426.991 χ^2/NDF : 20.1/11

asym_sam_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 997.813+/-0.446 χ^2/NDF : 51349.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 959.788+/-0.410 χ^2/NDF : 39559.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

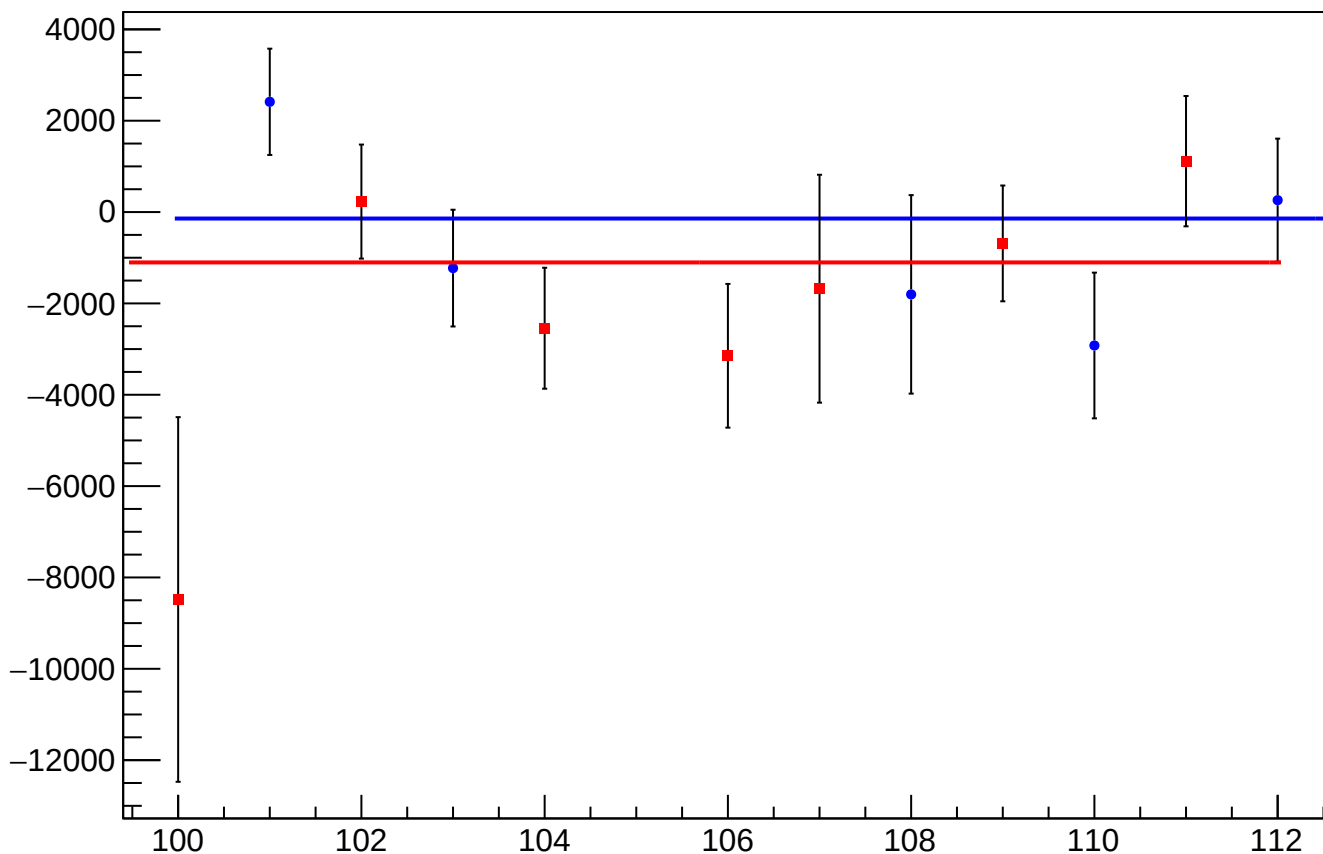
Right: 977.228+/-0.302 χ^2/NDF : 94847.3/11

In: 997.813+/-0.446 χ^2/NDF : 51349.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 977.228+/-0.302 χ^2/NDF : 94847.3/11

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: -141.624+/-631.591 χ^2/NDF : 9.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1102.566+/-581.923 χ^2/NDF : 10.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

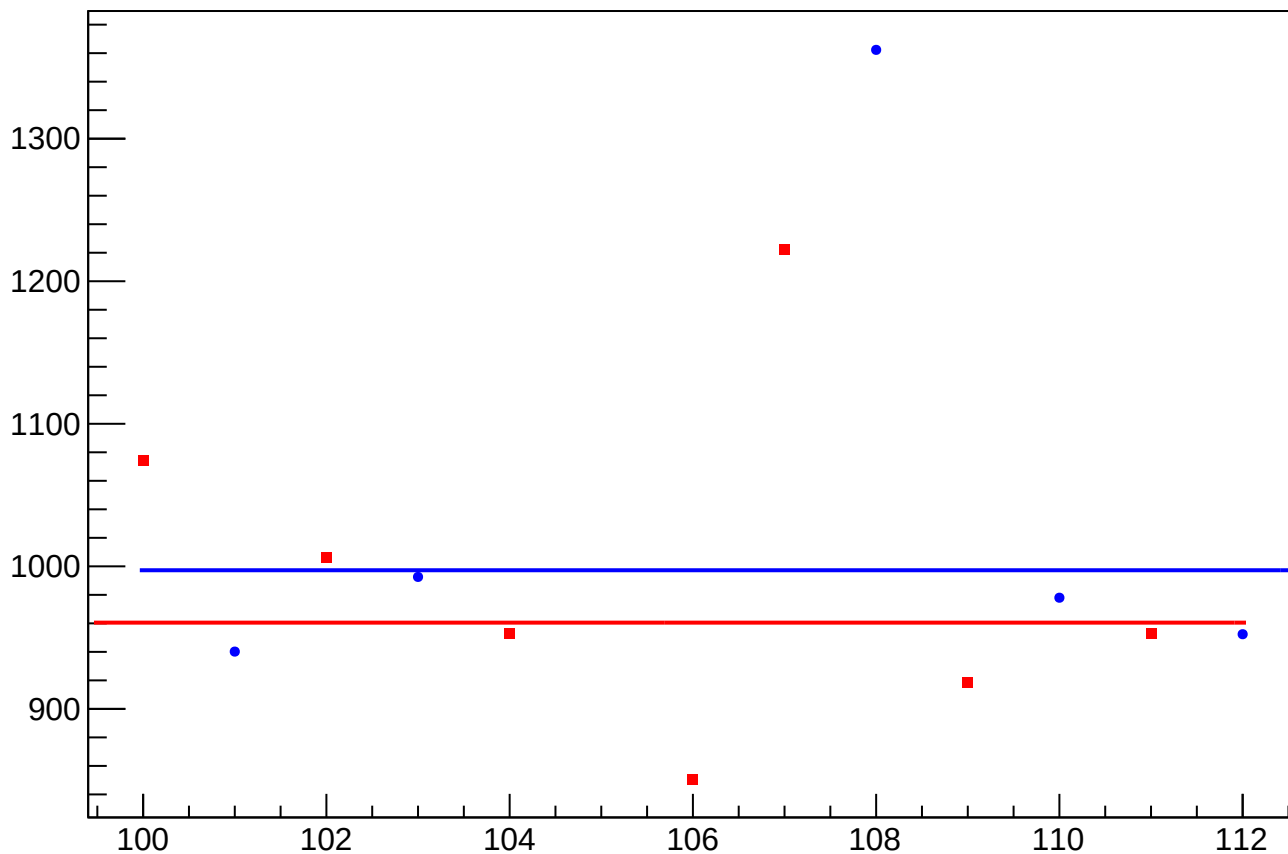
Right: -661.360+/-427.965 χ^2/NDF : 20.5/11

In: -141.624+/-631.591 χ^2/NDF : 9.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -661.360+/-427.965 χ^2/NDF : 20.5/11

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 997.260 $\pm$ 0.447 χ^2 /NDF: 63794.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 960.510 $\pm$ 0.411 χ^2 /NDF: 38320.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

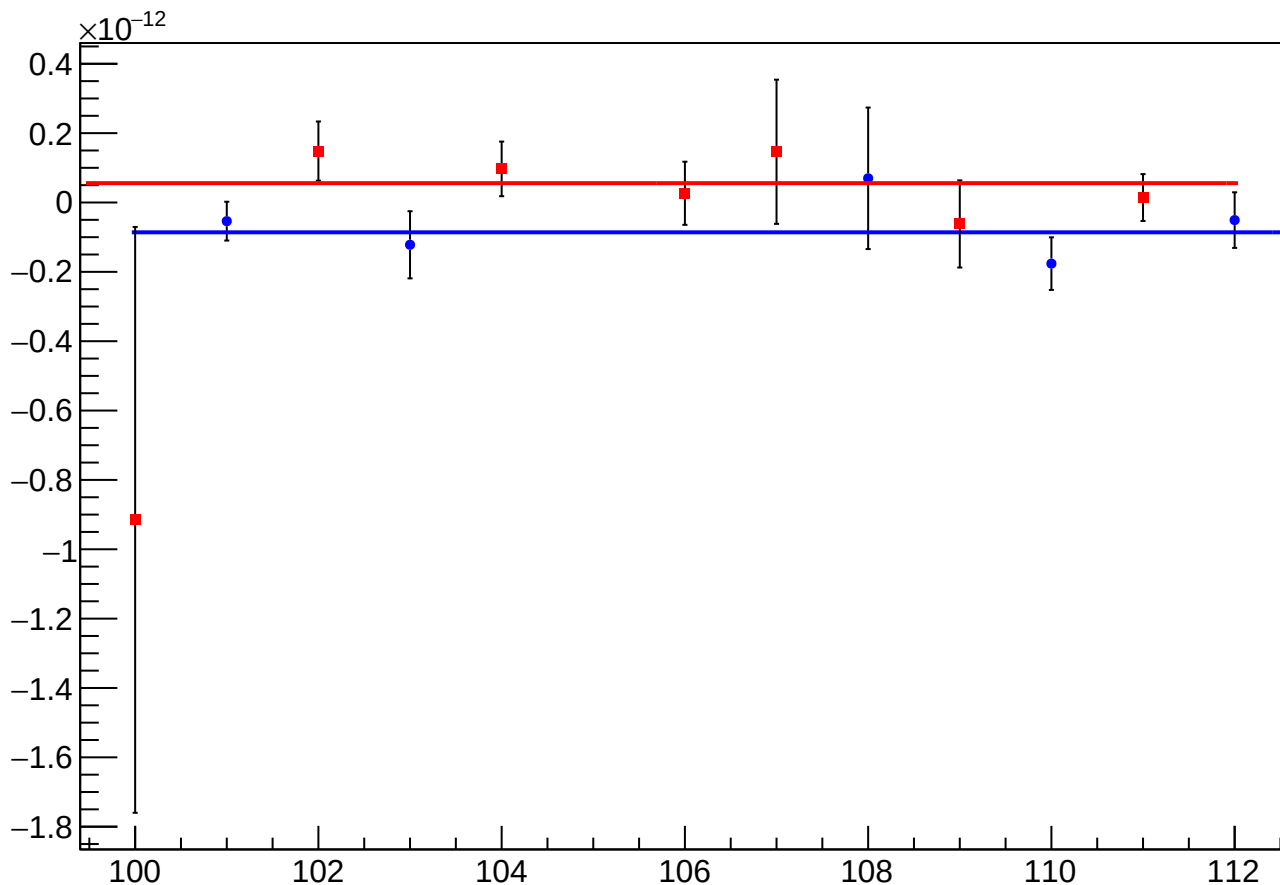
Right: 977.384 $\pm$ 0.303 χ^2 /NDF: 105777.5/11

In: 997.260 $\pm$ 0.447 χ^2 /NDF:63794.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 977.384 $\pm$ 0.303 χ^2 /NDF: 105777.5/11

asym_sam_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 2.7/4

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 4.3/6

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

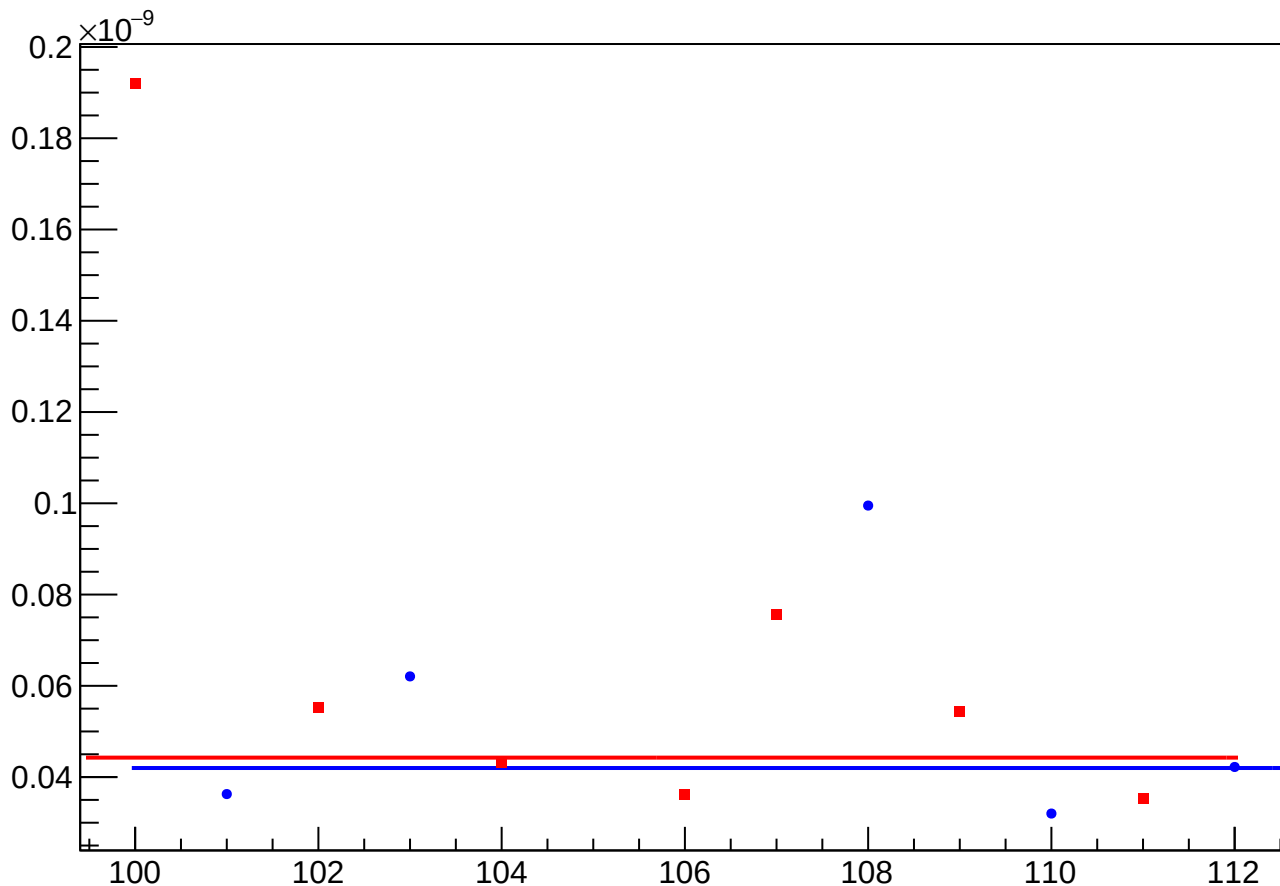
Right: -0.000+/-0.000 χ^2 /NDF: 14.5/11

In: -0.000+/-0.000 χ^2 /NDF: 2.7/4

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 14.5/11

asym_sam_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 300305.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 203133.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

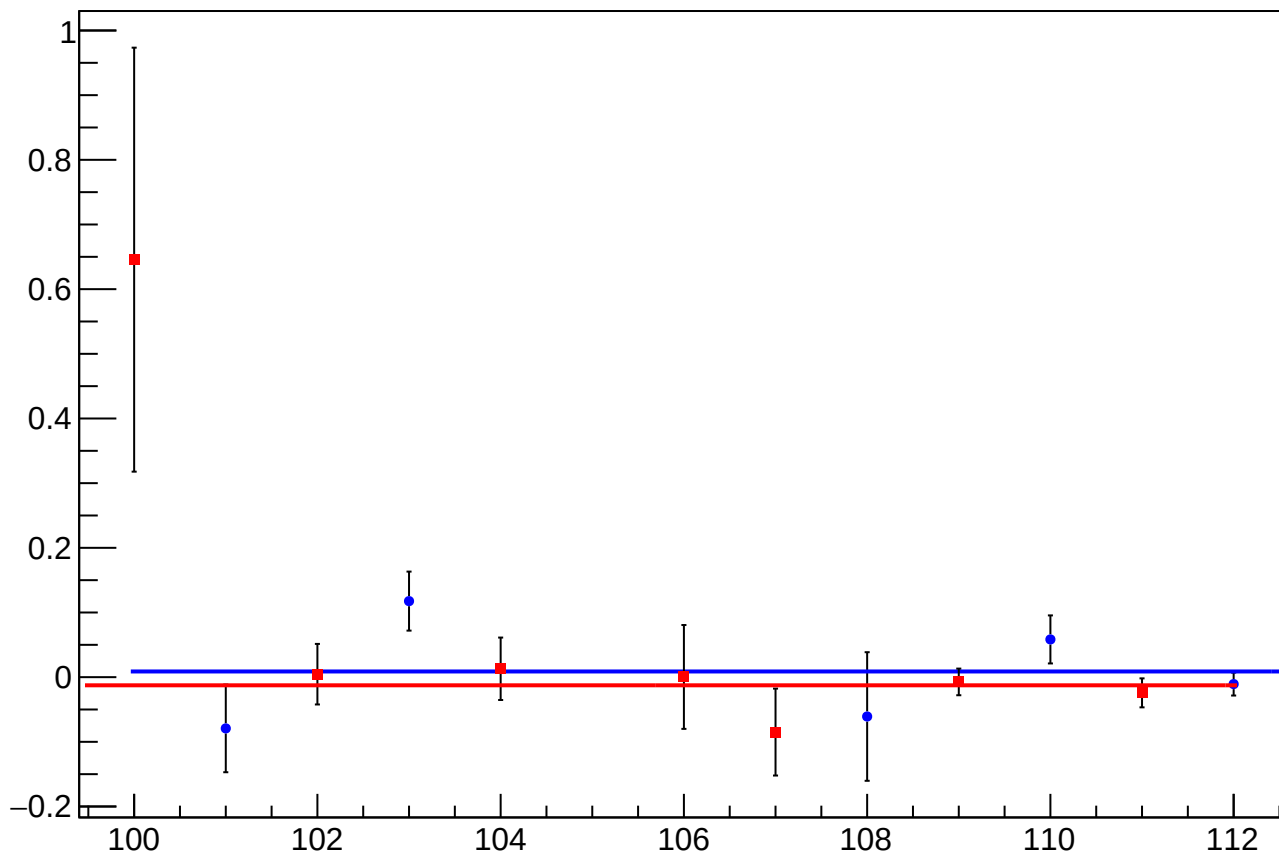
Right: 0.000+/-0.000 χ^2/NDF : 507333.6/11

In: 0.000+/-0.000 χ^2/NDF : 300305.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 507333.6/11

asym_sam_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.015 χ^2/NDF : 10.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.013+/-0.013 χ^2/NDF : 6.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

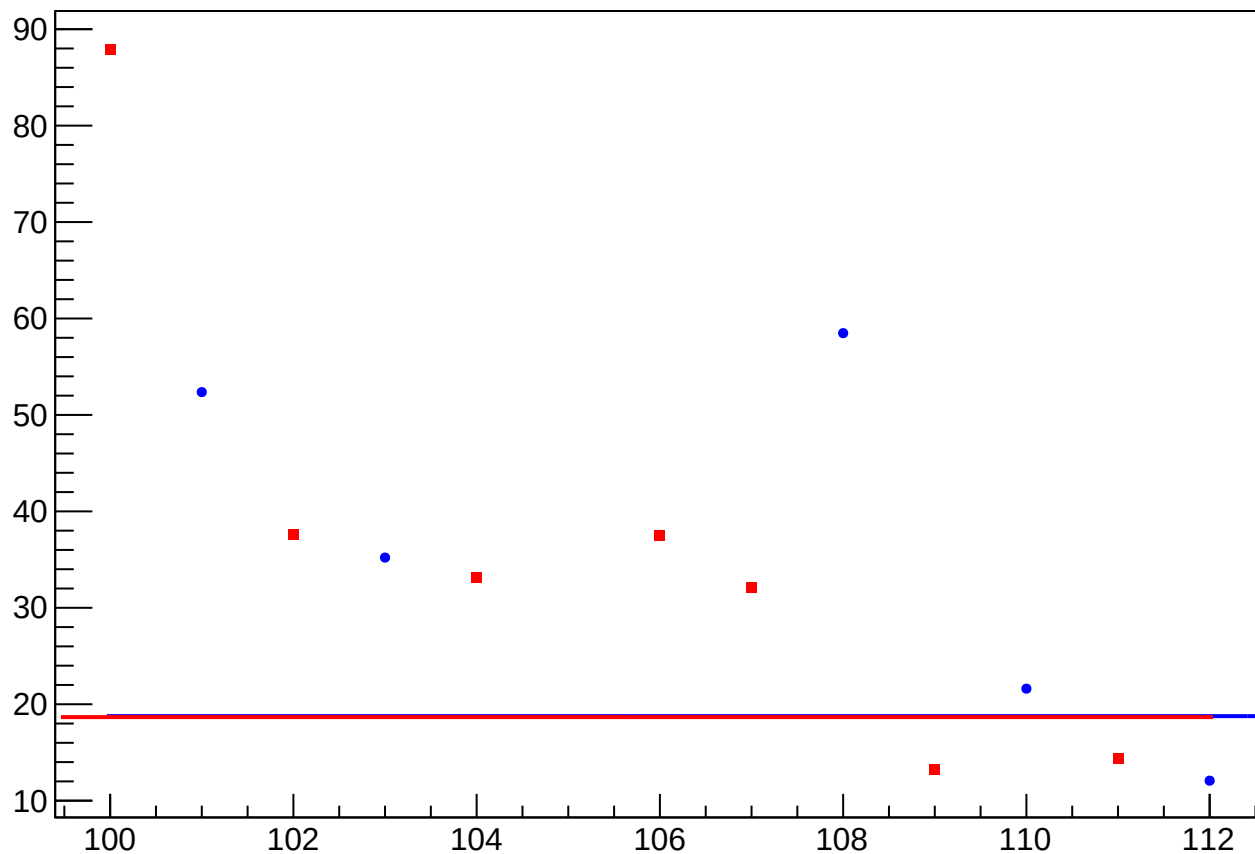
Right: -0.003+/-0.010 χ^2/NDF : 18.0/11

In: 0.009+/-0.015 χ^2/NDF : 10.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.003+/-0.010 χ^2/NDF : 18.0/11

asym_sam_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.767+/-0.010 χ^2/NDF : 1366803.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.666+/-0.009 χ^2/NDF : 1000142.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

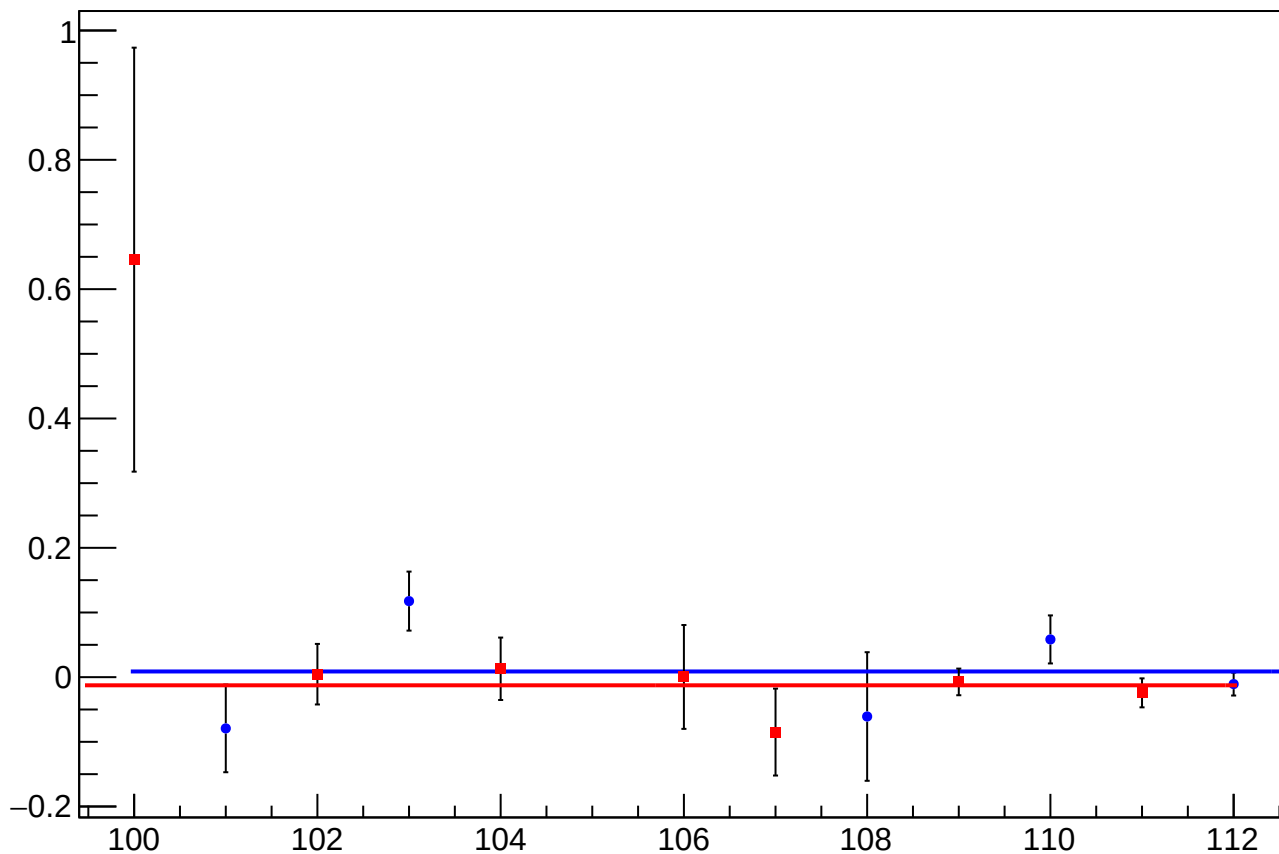
Right: 18.712+/-0.007 χ^2/NDF : 2366996.8/11

In: 18.767+/-0.010 χ^2/NDF : 1366803.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.712+/-0.007 χ^2/NDF : 2366996.8/11

asym_sam_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.015 χ^2/NDF : 10.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.013+/-0.013 χ^2/NDF : 6.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

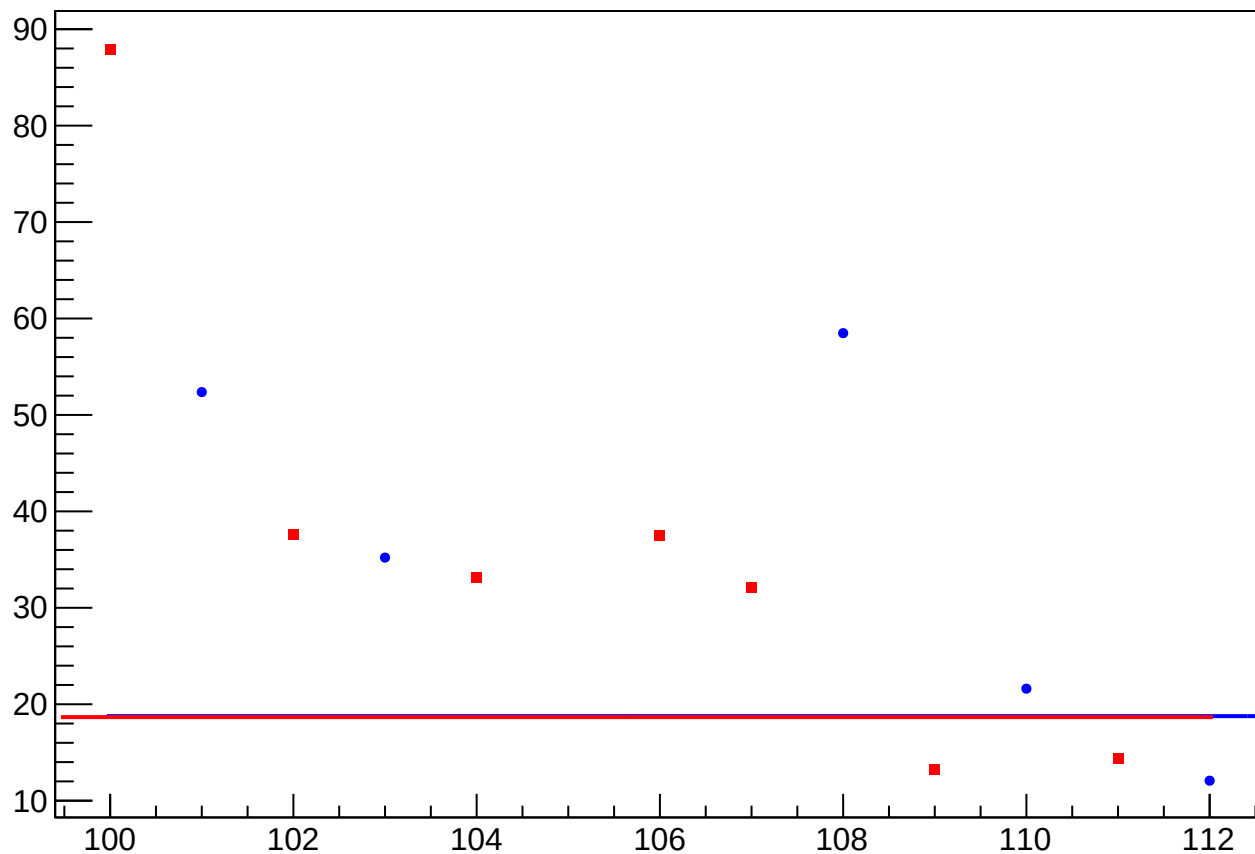
Right: -0.003+/-0.010 χ^2/NDF : 18.0/11

In: 0.009+/-0.015 χ^2/NDF : 10.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.003+/-0.010 χ^2/NDF : 18.0/11

asym_sam_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.767+/-0.010 χ^2/NDF : 1366803.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.666+/-0.009 χ^2/NDF : 1000142.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

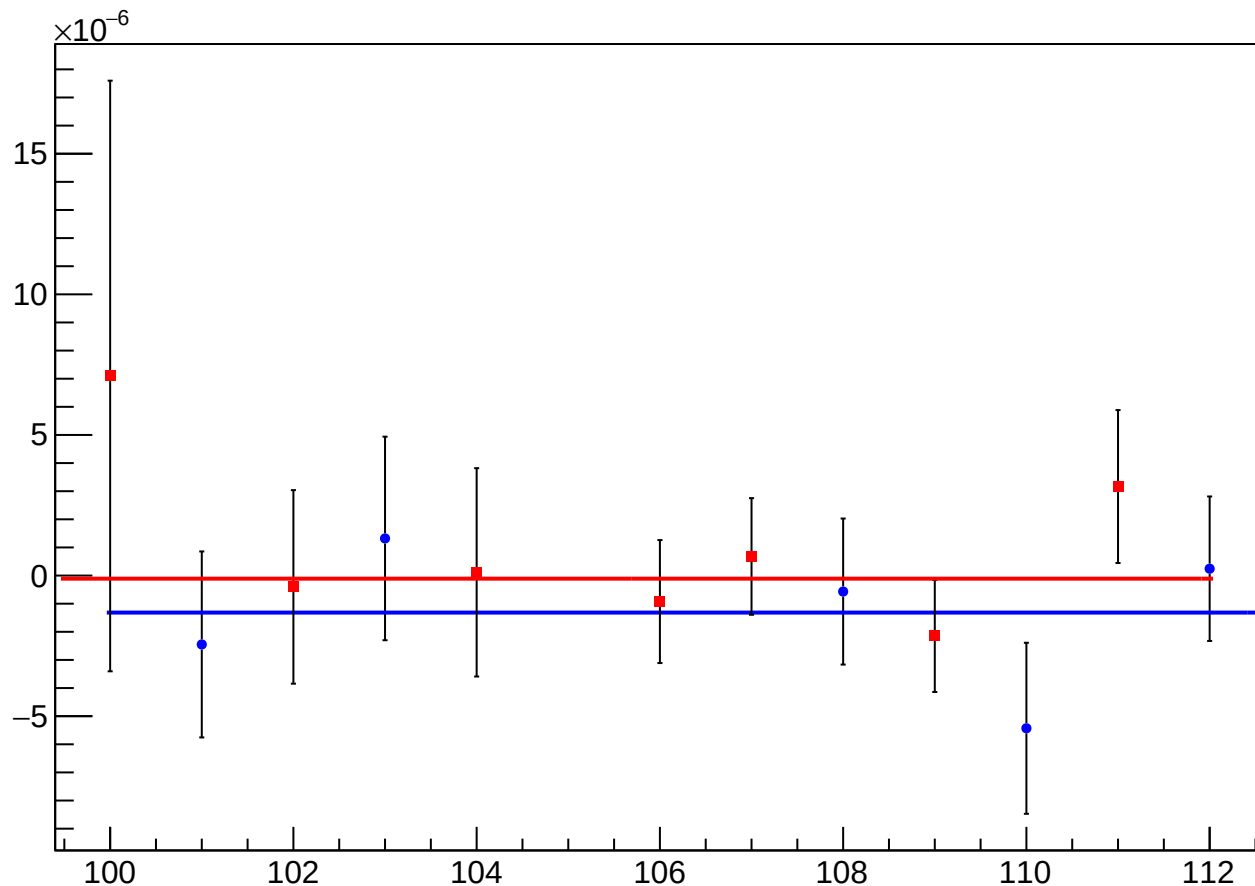
Right: 18.712+/-0.007 χ^2/NDF : 2366996.8/11

In: 18.767+/-0.010 χ^2/NDF : 1366803.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.712+/-0.007 χ^2/NDF : 2366996.8/11

asym_sam_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

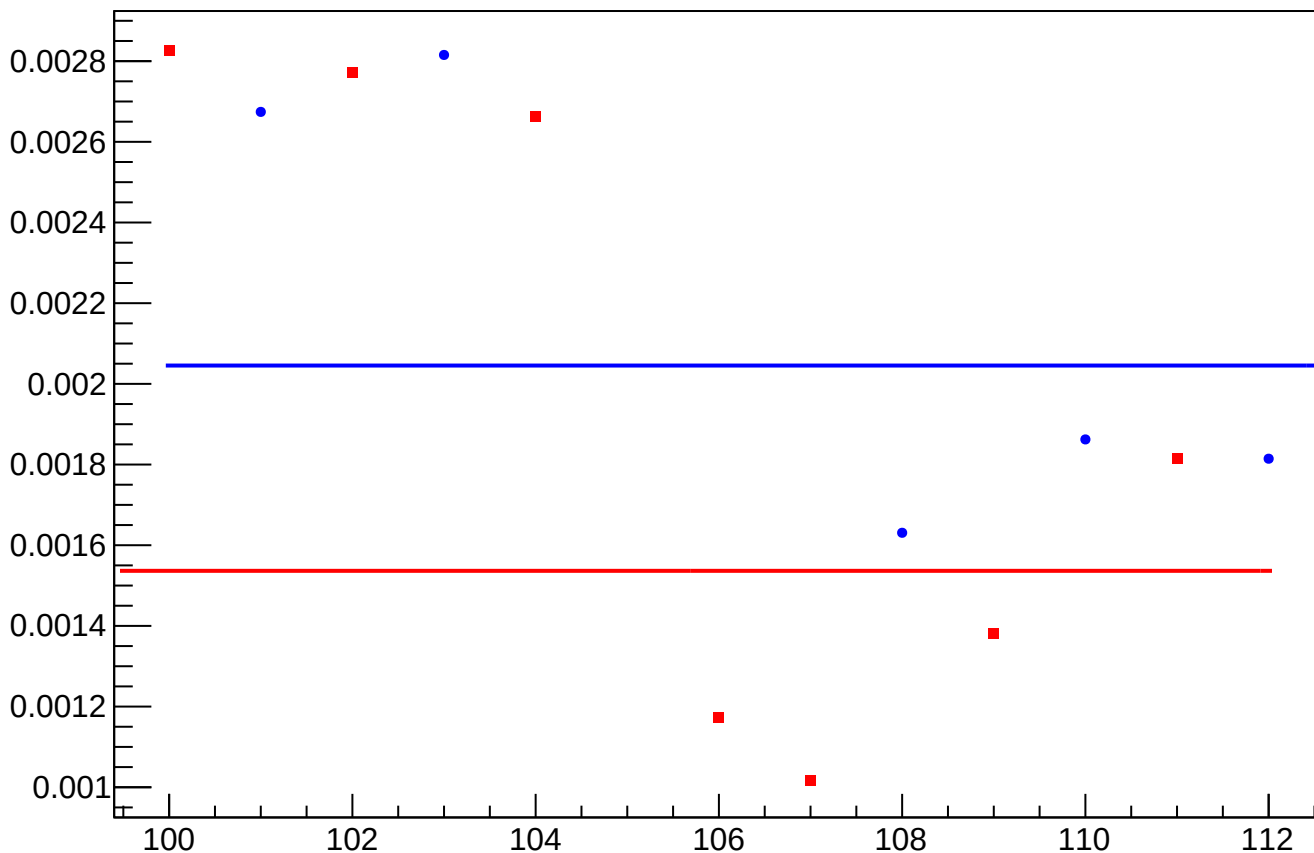
Right: -0.000+/-0.000 χ^2/NDF : 6.7/11

In: -0.000+/-0.000 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.7/11

asym_sam_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 237247.2/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 686410.5/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

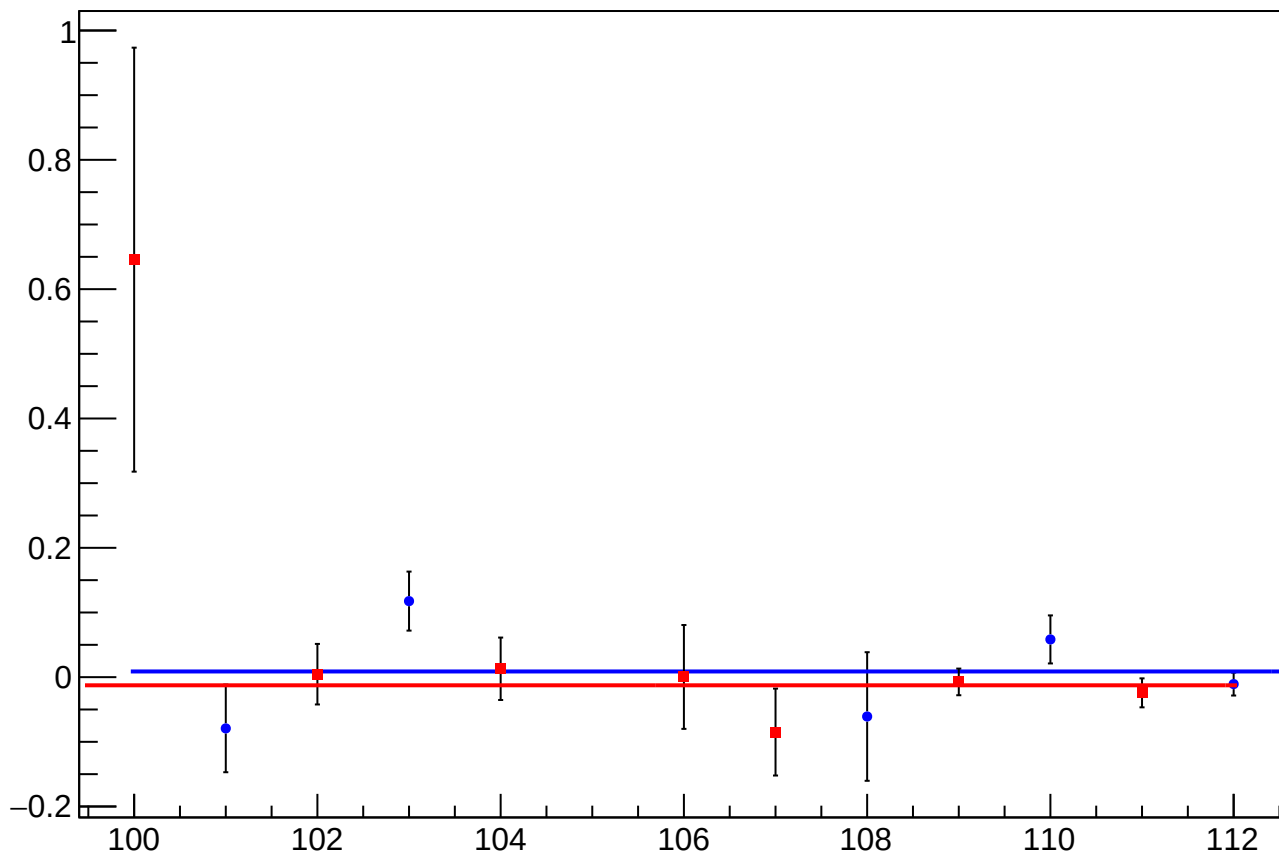
Right: 0.002+/-0.000 χ^2/NDF : 1112597.7/11

In: 0.002+/-0.000 χ^2/NDF :237247.2/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1112597.7/11

asym_sam_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.015 χ^2/NDF : 10.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.013+/-0.013 χ^2/NDF : 6.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

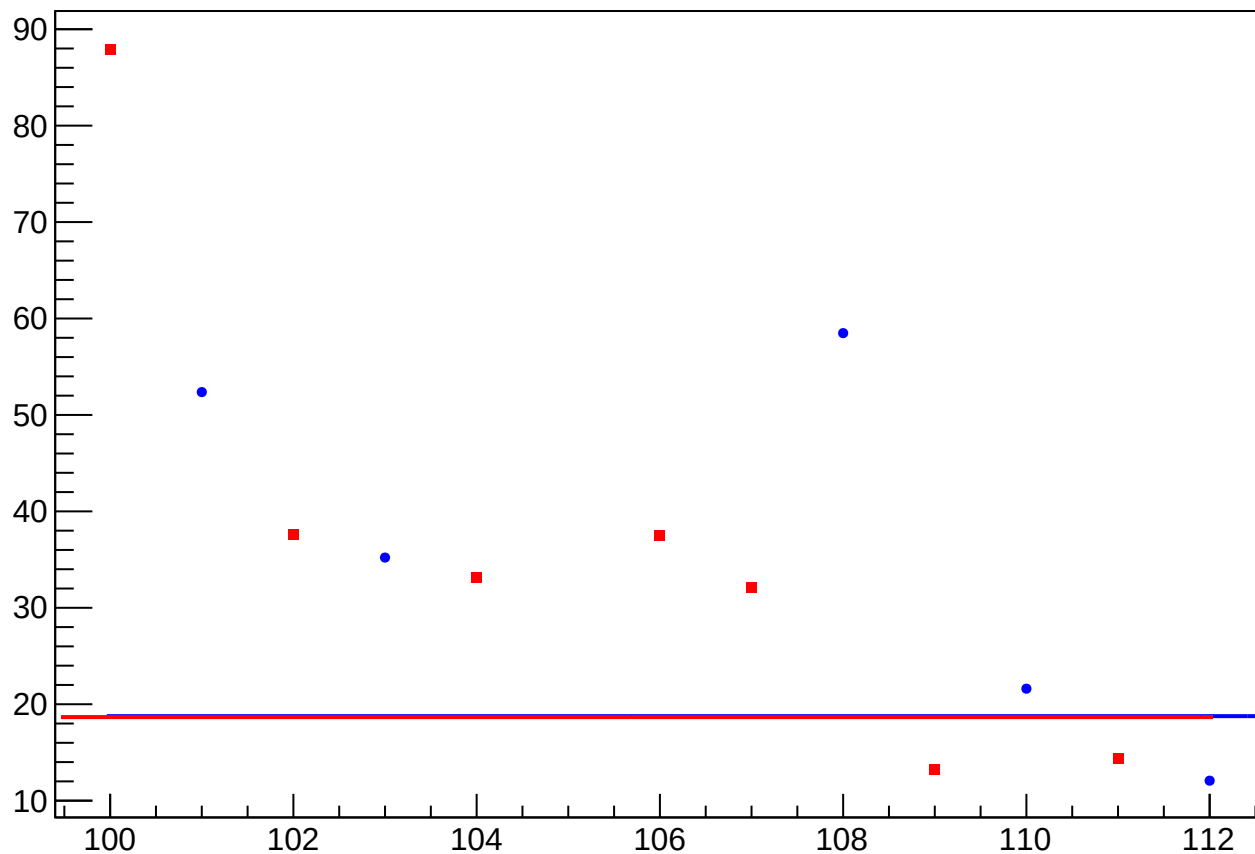
Right: -0.003+/-0.010 χ^2/NDF : 18.0/11

In: 0.009+/-0.015 χ^2/NDF : 10.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.003+/-0.010 χ^2/NDF : 18.0/11

asym_sam_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.765+/-0.010 χ^2/NDF : 1366936.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.667+/-0.009 χ^2/NDF : 1000096.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

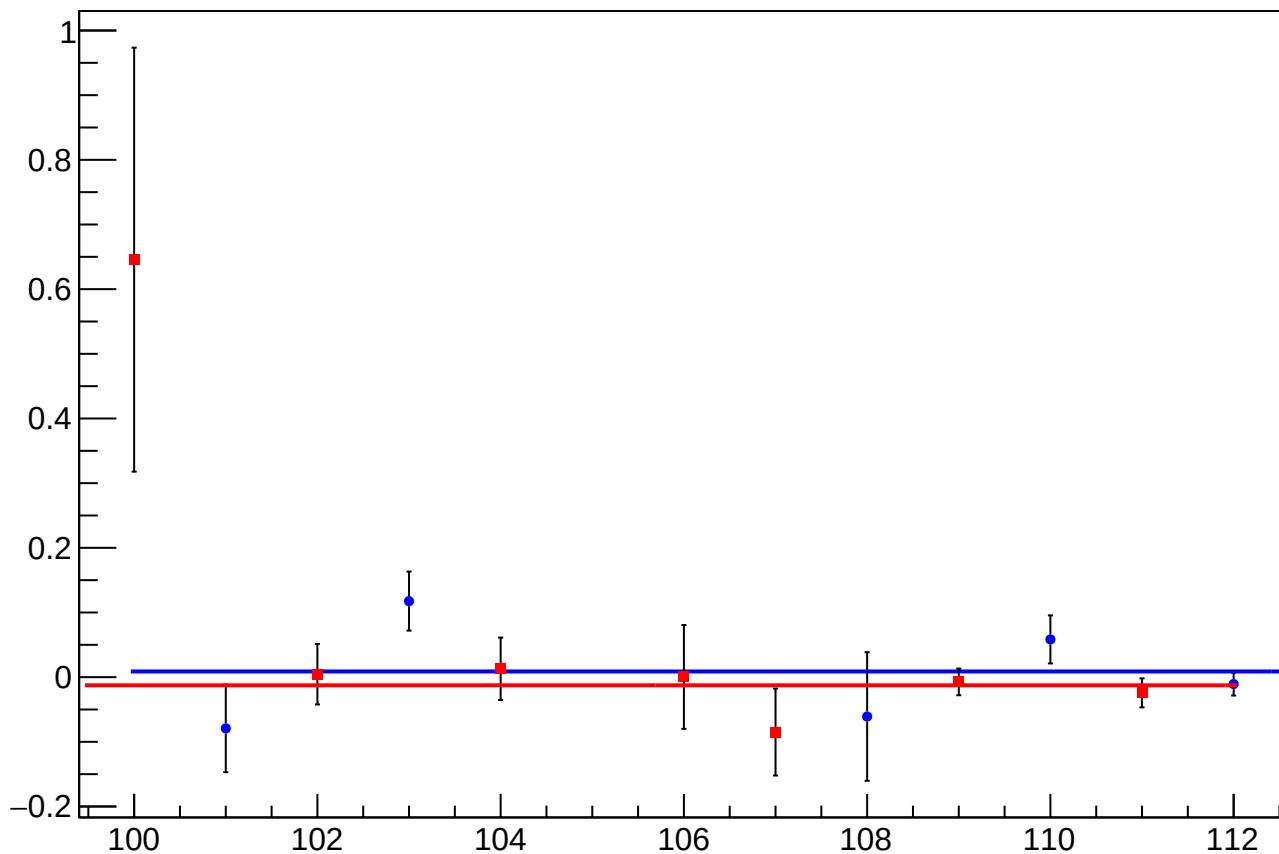
Right: 18.711+/-0.007 χ^2/NDF : 2367082.3/11

In: 18.765+/-0.010 χ^2/NDF : 1366936.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.711+/-0.007 χ^2/NDF : 2367082.3/11

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.015 χ^2 /NDF: 10.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.013 $\pm$ 0.013 χ^2 /NDF: 6.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

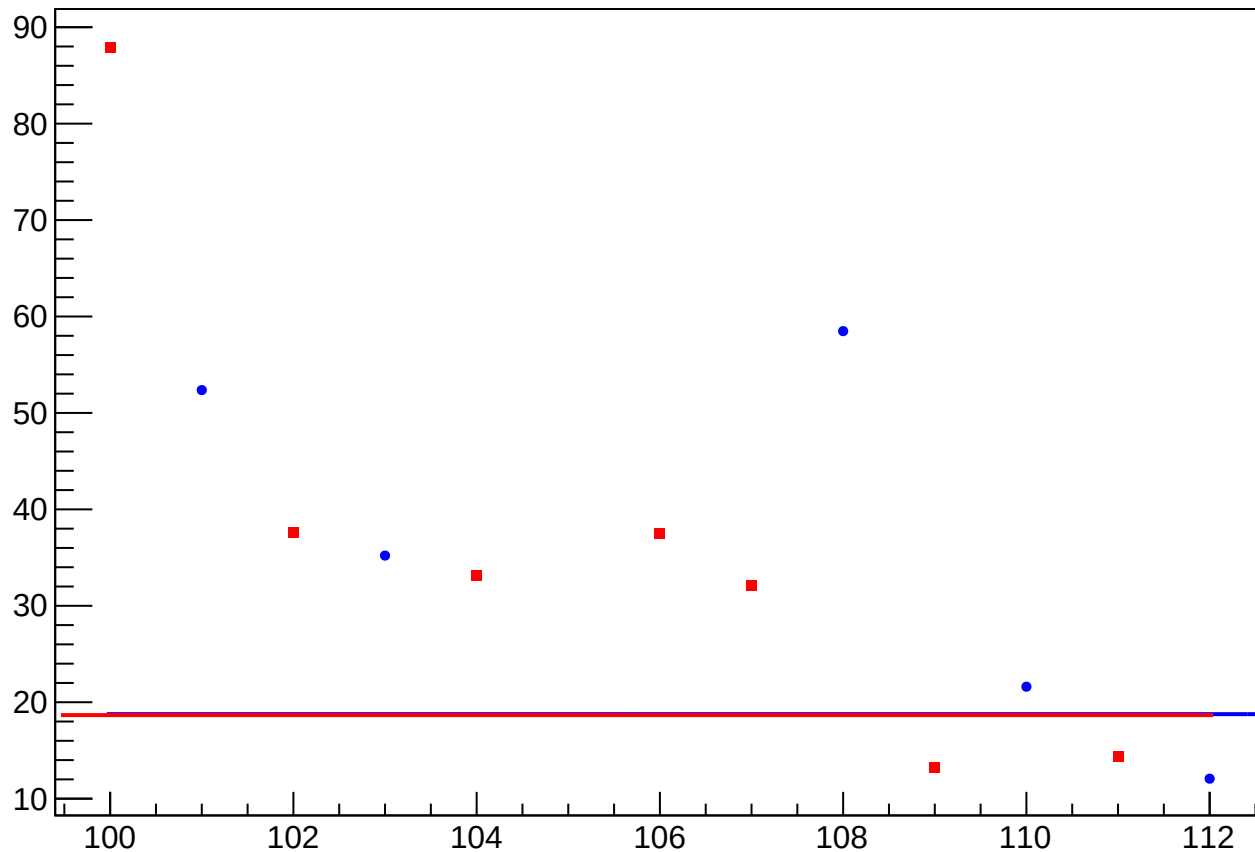
Right: -0.003 $\pm$ 0.010 χ^2 /NDF: 18.0/11

In: 0.009 $\pm$ 0.015 χ^2 /NDF:10.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.003 $\pm$ 0.010 χ^2 /NDF: 18.0/11

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.765+/-0.010 χ^2/NDF : 1366936.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.667+/-0.009 χ^2/NDF : 1000096.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

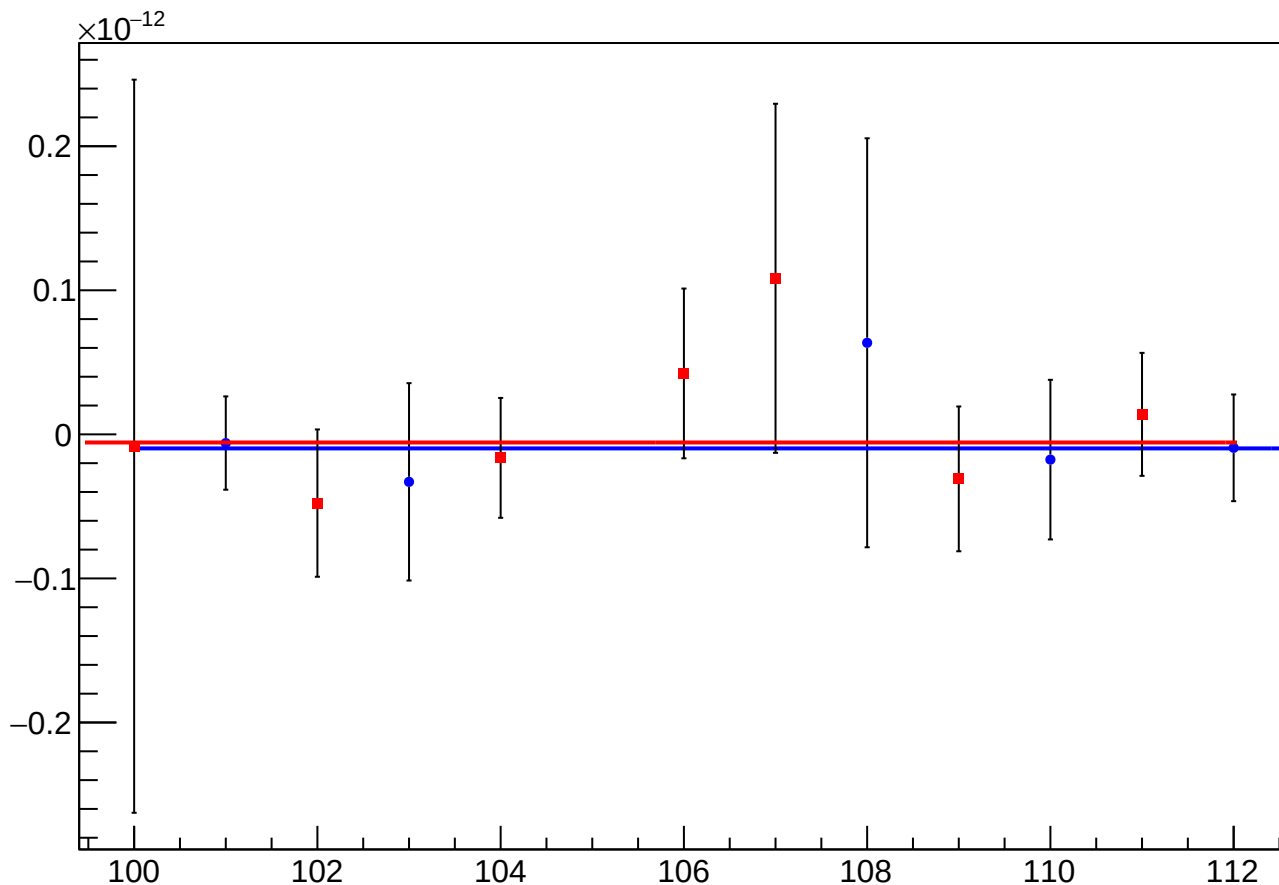
Right: 18.711+/-0.007 χ^2/NDF : 2367082.3/11

In: 18.765+/-0.010 χ^2/NDF : 1366936.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.711+/-0.007 χ^2/NDF : 2367082.3/11

asym_sam_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

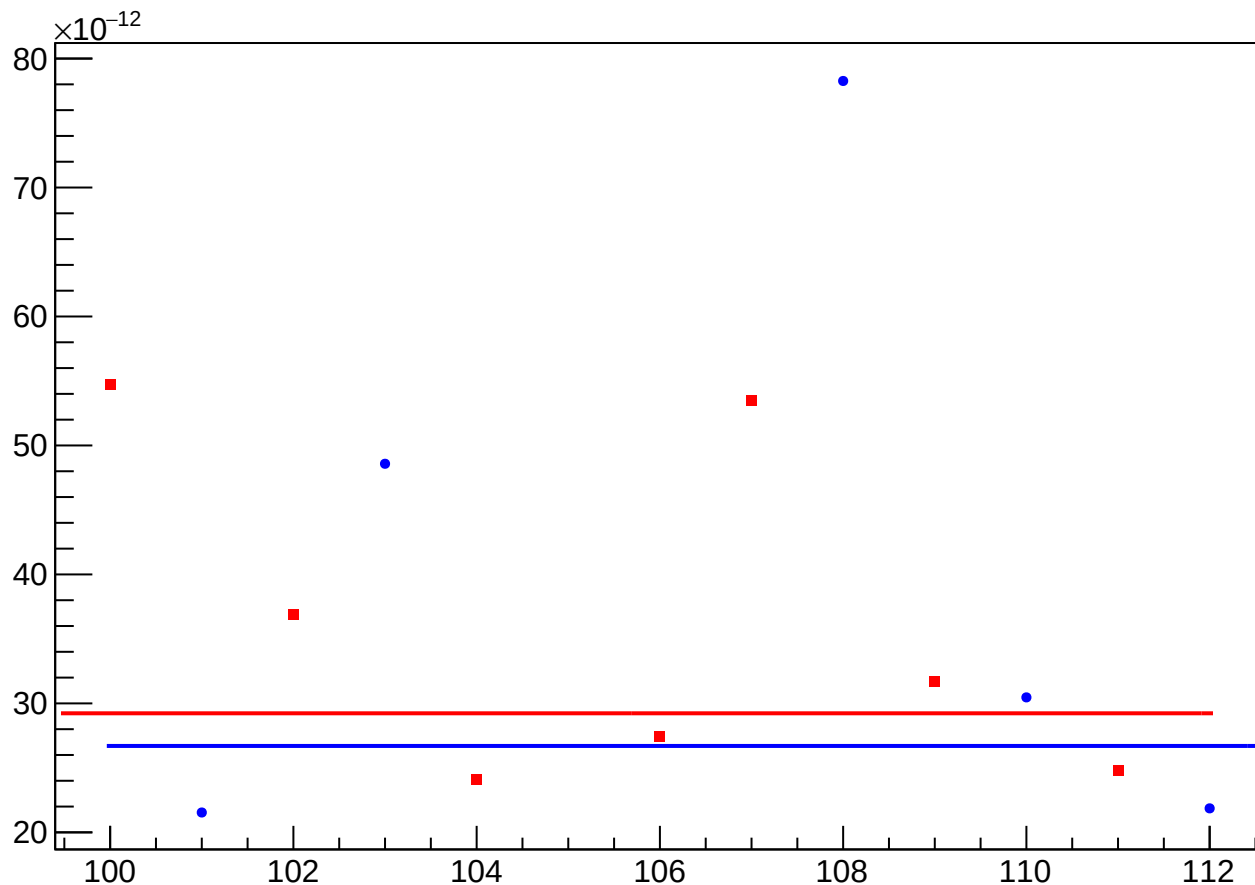
Right: -0.000+/-0.000 χ^2/NDF : 3.2/11

In: -0.000+/-0.000 χ^2/NDF : 0.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.2/11

asym_sam_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 562134.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 203791.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

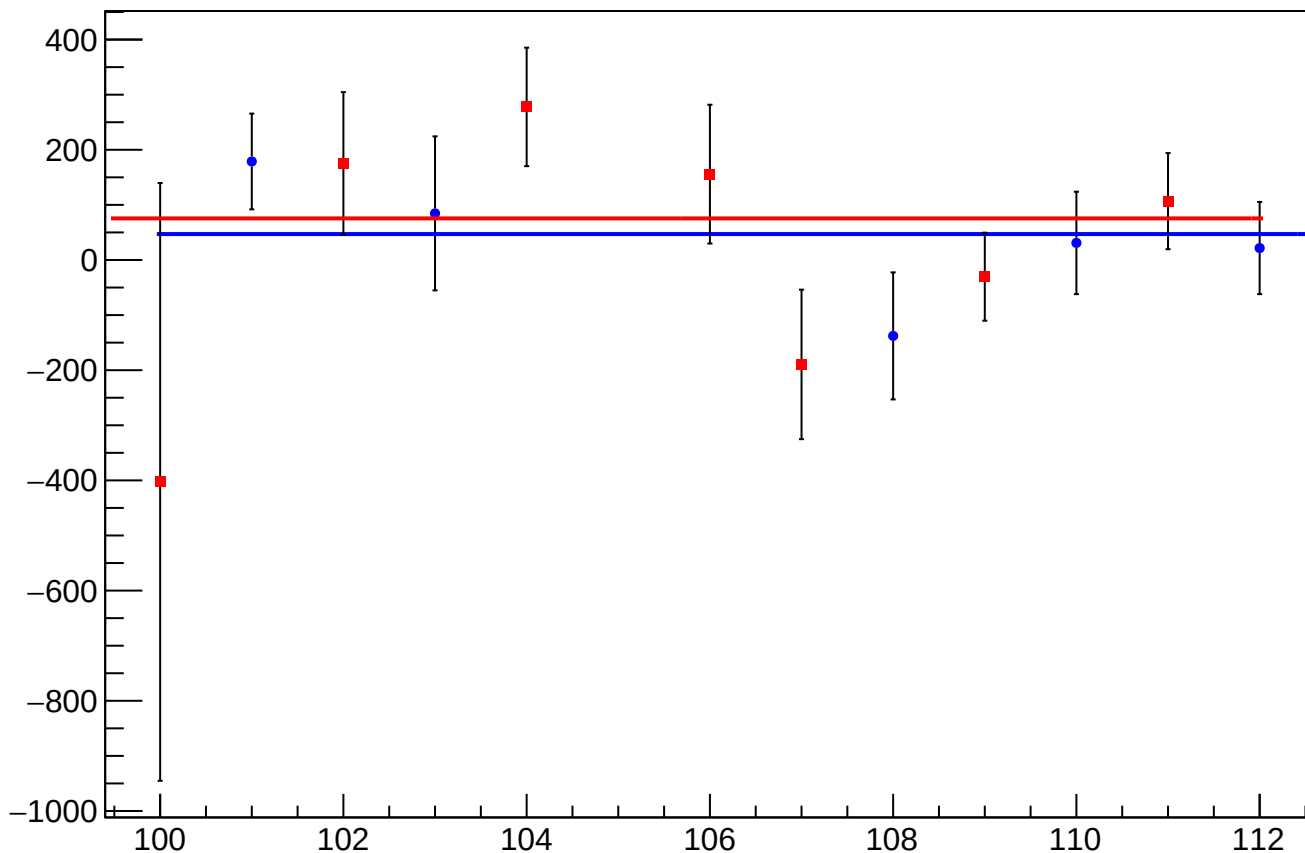
Right: 0.000+/-0.000 χ^2/NDF : 780496.8/11

In: 0.000+/-0.000 χ^2/NDF : 562134.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 780496.8/11

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 47.022+/-43.956 χ^2/NDF : 5.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.488+/-42.449 χ^2/NDF : 11.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

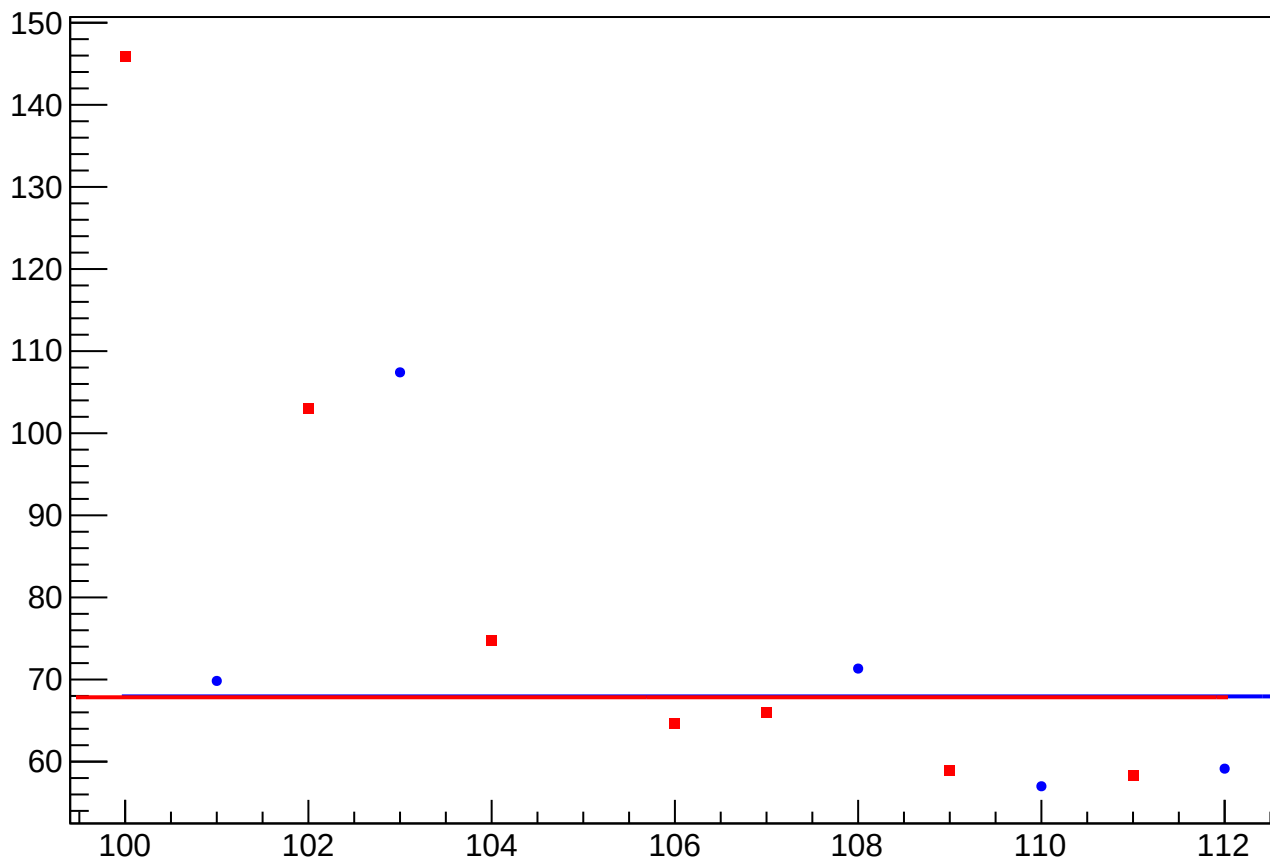
Right: 61.751+/-30.535 χ^2/NDF : 16.3/11

In: 47.022+/-43.956 χ^2/NDF : 5.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.751+/-30.535 χ^2/NDF : 16.3/11

reg_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 67.945+/-0.031 χ^2/NDF : 212001.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.838+/-0.030 χ^2/NDF : 248276.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

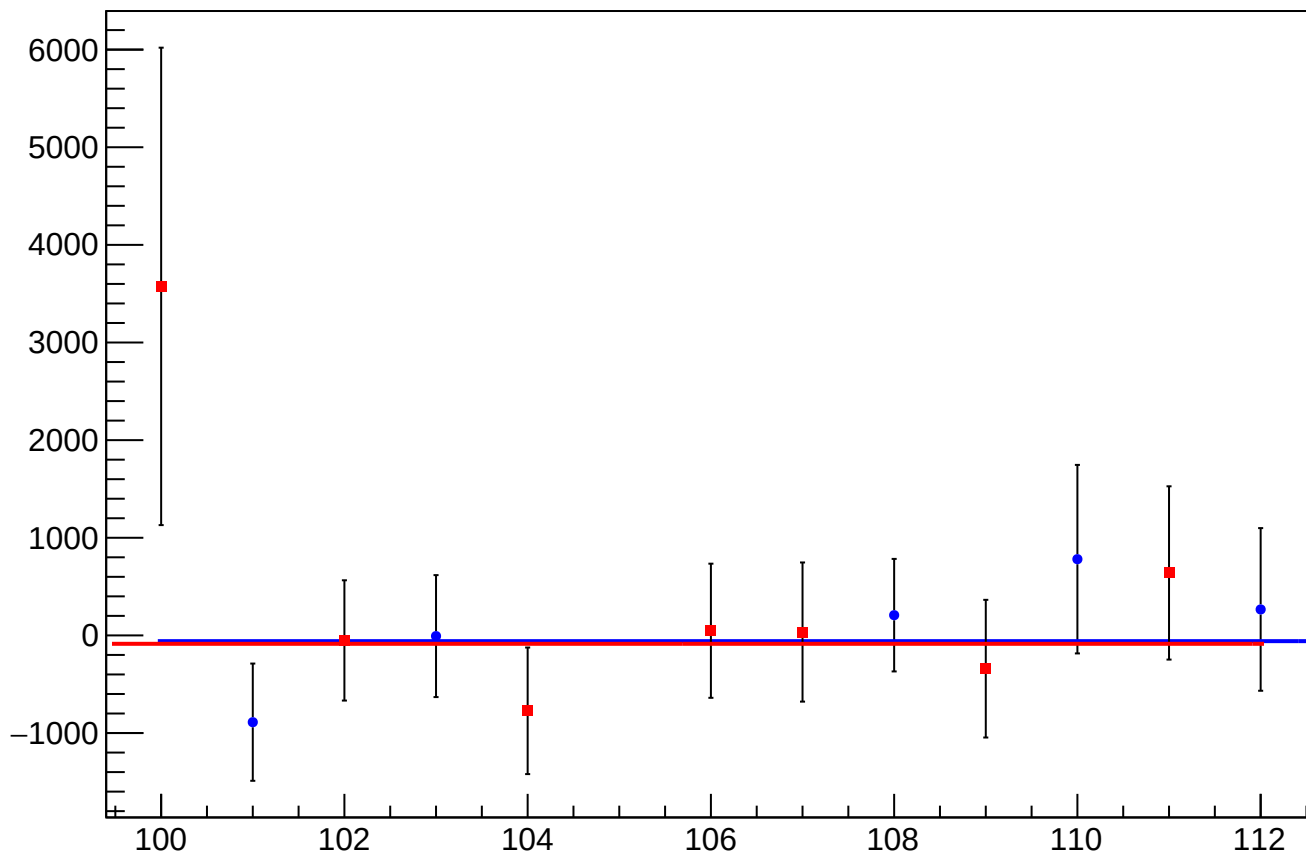
Right: 67.890+/-0.022 χ^2/NDF : 460284.9/11

In: 67.945+/-0.031 χ^2/NDF : 212001.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.890+/-0.022 χ^2/NDF : 460284.9/11

asym_sam_13_57_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -58.757+/-303.416 χ^2/NDF : 3.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -86.032+/-282.252 χ^2/NDF : 4.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

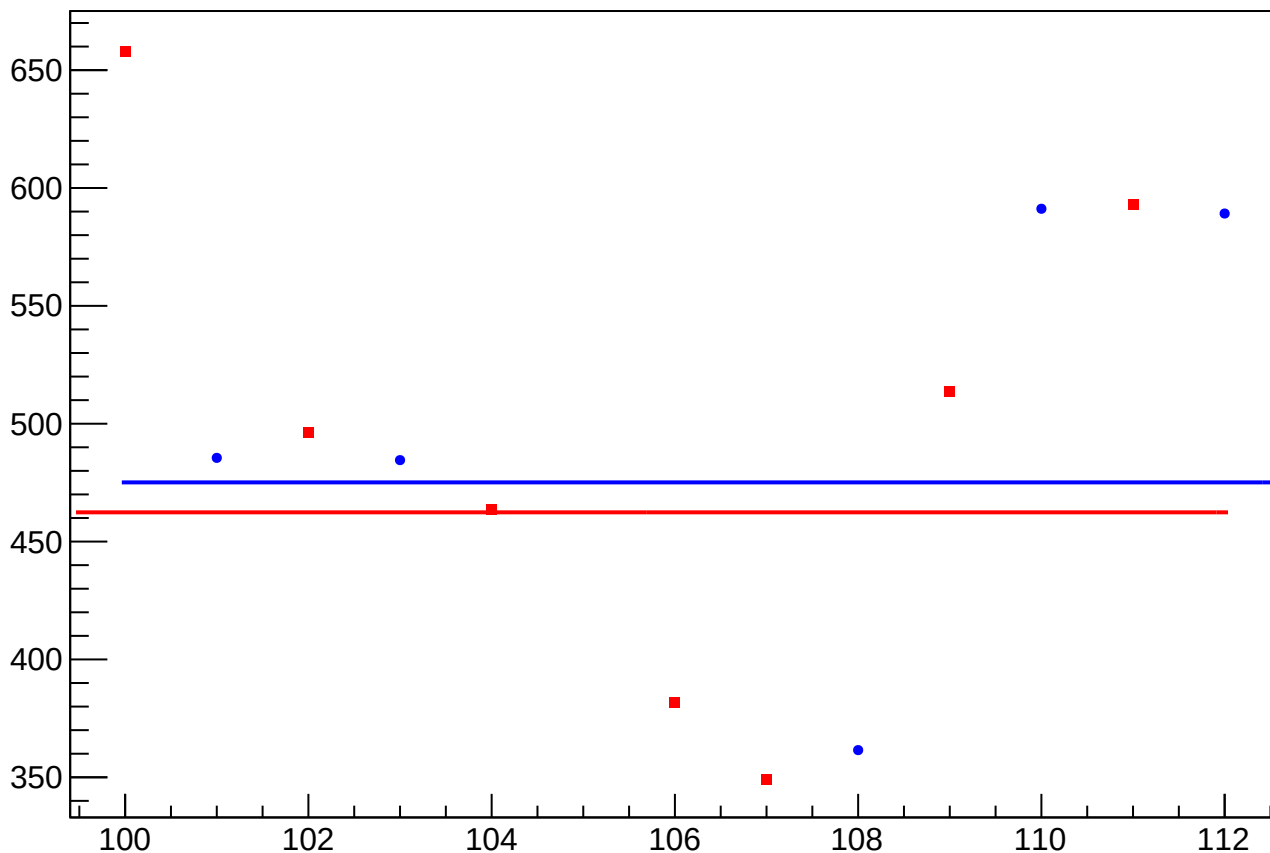
Right: -73.379+/-206.660 χ^2/NDF : 7.3/11

In: -58.757+/-303.416 χ^2/NDF : 3.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -73.379+/-206.660 χ^2/NDF : 7.3/11

asym_sam_13_57_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 475.109+/-0.215 χ^2/NDF : 145146.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 462.404+/-0.200 χ^2/NDF : 151003.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

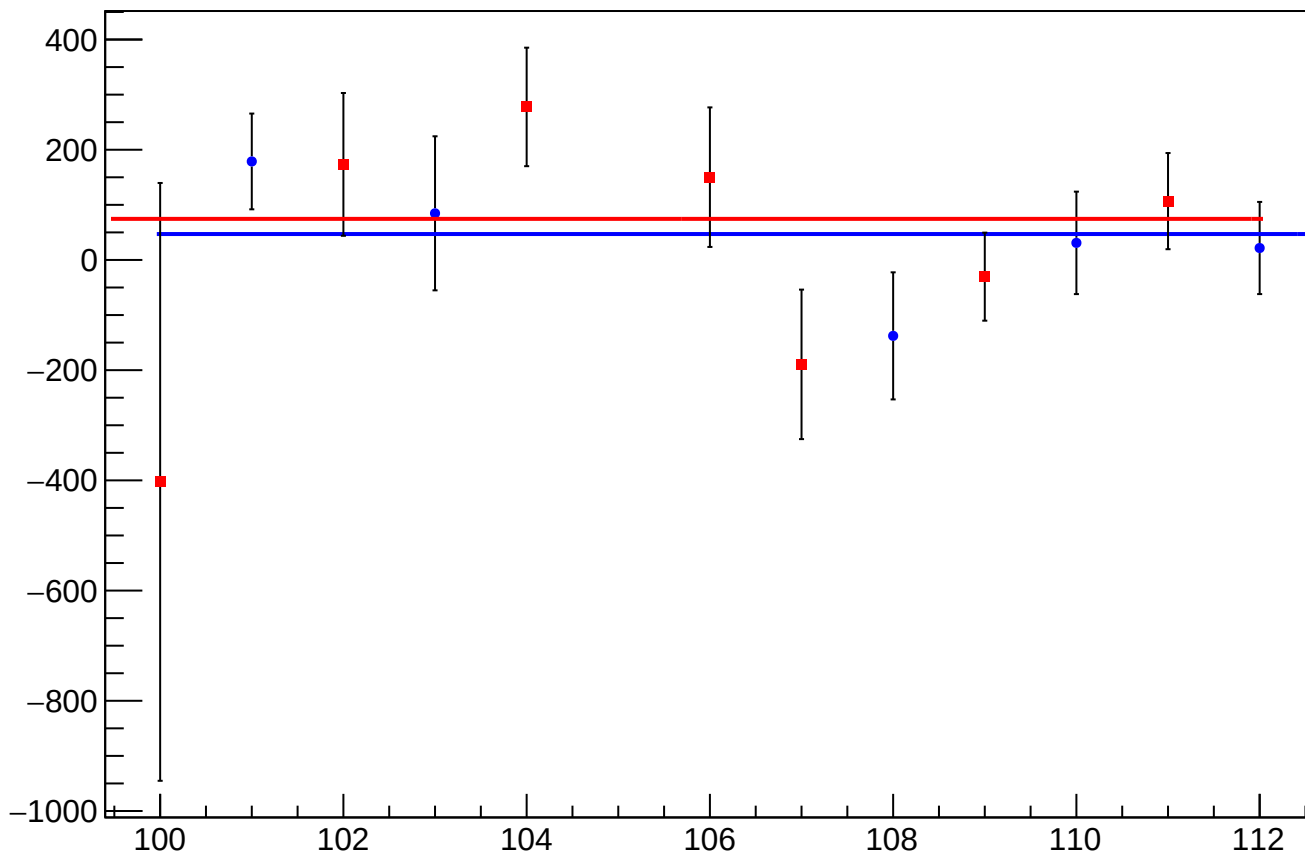
Right: 468.298+/-0.146 χ^2/NDF : 298029.7/11

In: 475.109+/-0.215 χ^2/NDF : 145146.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 468.298+/-0.146 χ^2/NDF : 298029.7/11

cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 47.023+/-43.956 χ^2/NDF : 5.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.552+/-42.477 χ^2/NDF : 10.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

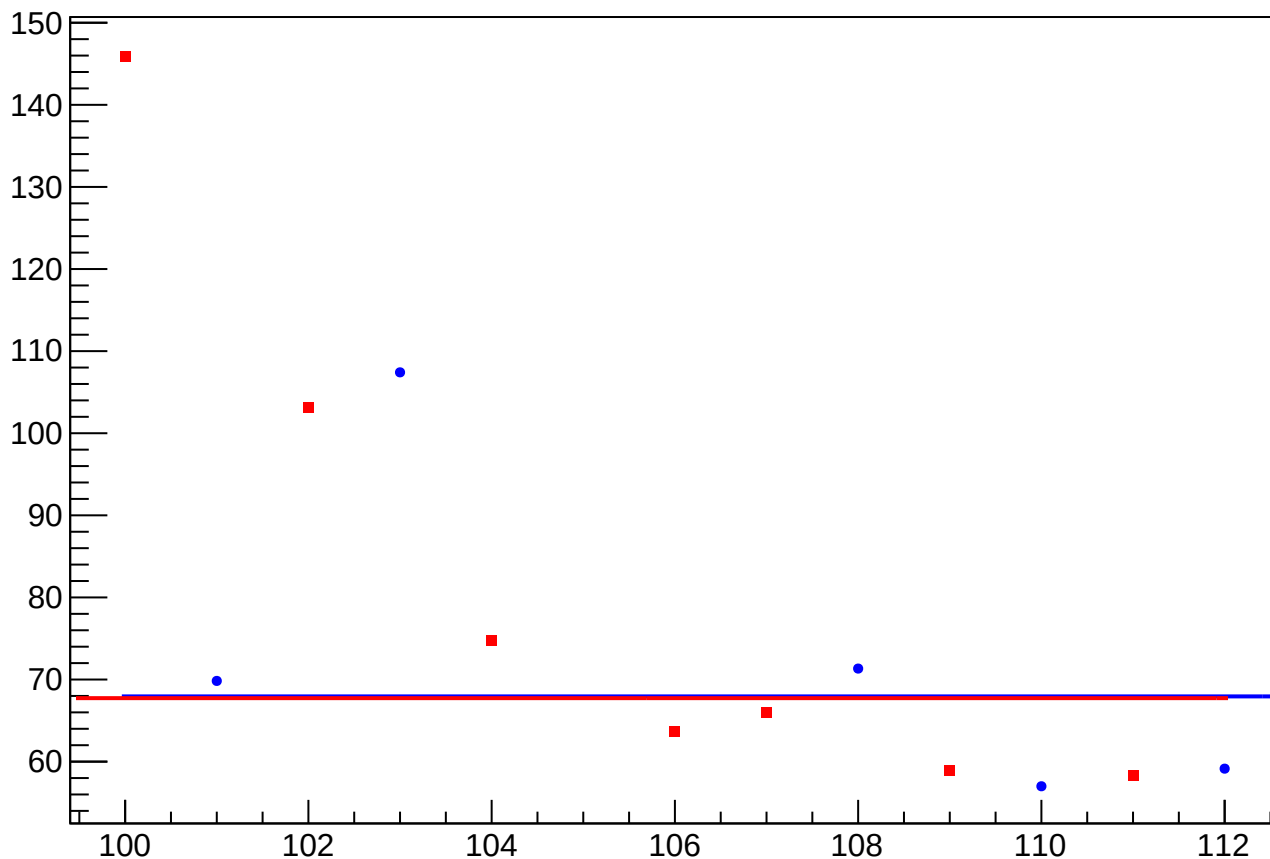
Right: 61.258+/-30.545 χ^2/NDF : 16.2/11

In: 47.023+/-43.956 χ^2/NDF : 5.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.258+/-30.545 χ^2/NDF : 16.2/11

cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 67.945+/-0.031 χ^2/NDF : 212003.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.732+/-0.030 χ^2/NDF : 249382.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

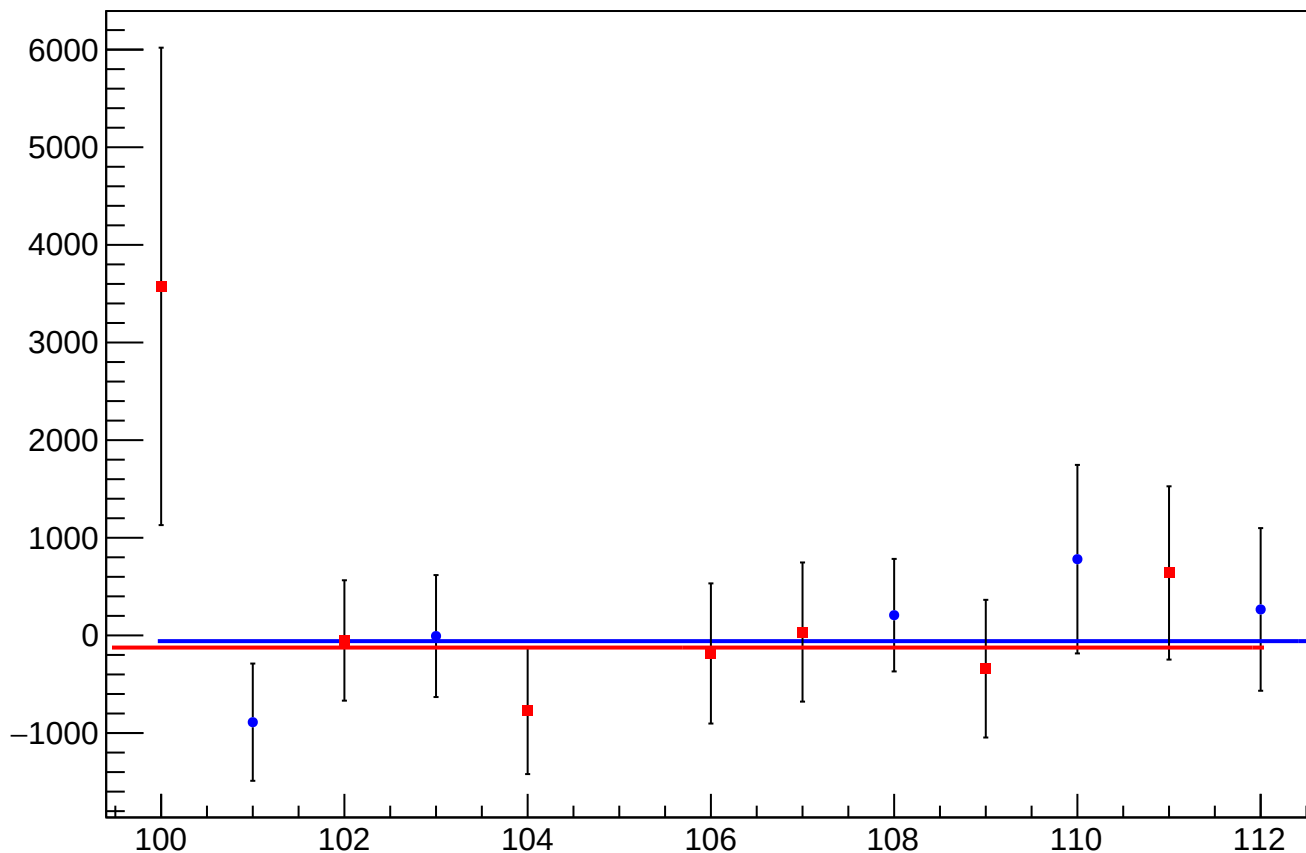
Right: 67.835+/-0.022 χ^2/NDF : 461410.9/11

In: 67.945+/-0.031 χ^2/NDF : 212003.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.835+/-0.022 χ^2/NDF : 461410.9/11

asym_sam_13_57_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -58.642 $\pm$ 303.421 χ^2 /NDF: 3.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -124.494 $\pm$ 284.336 χ^2 /NDF: 4.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

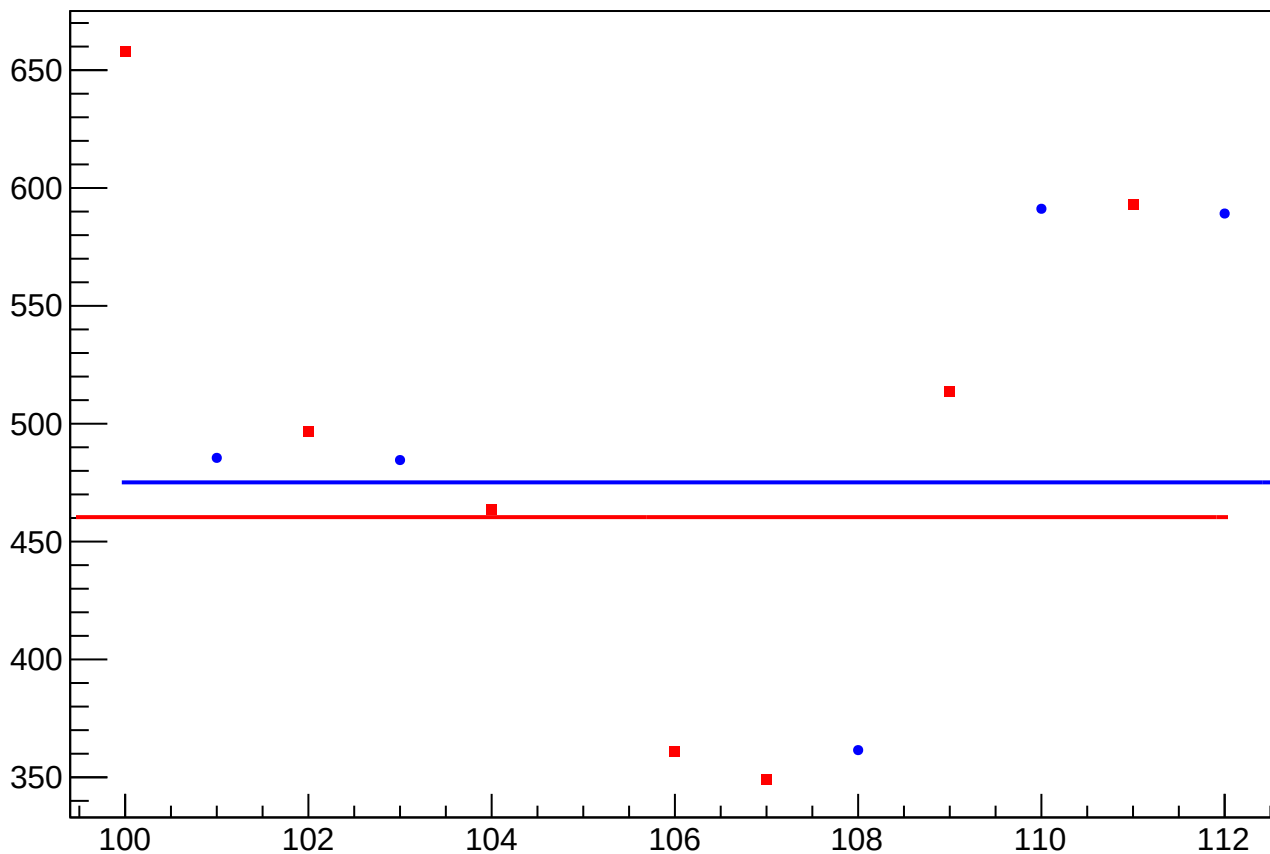
Right: -93.704 $\pm$ 207.475 χ^2 /NDF: 7.3/11

In: -58.642 $\pm$ 303.421 χ^2 /NDF:3.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -93.704 $\pm$ 207.475 χ^2 /NDF: 7.3/11

asym_sam_13_57_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 475.116+/-0.215 χ^2/NDF : 145148.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 460.372+/-0.201 χ^2/NDF : 163543.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

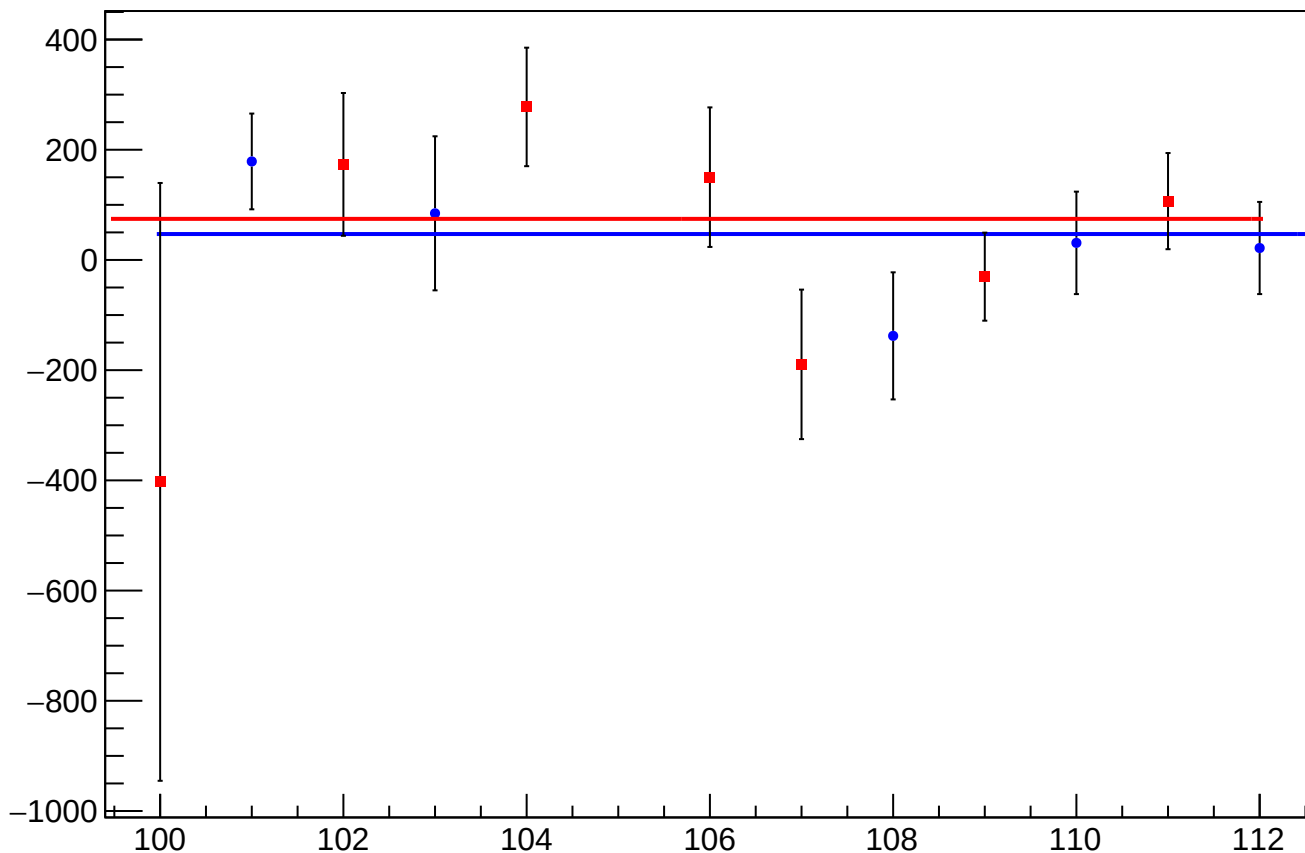
Right: 467.266+/-0.147 χ^2/NDF : 311206.9/11

In: 475.116+/-0.215 χ^2/NDF : 145148.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 467.266+/-0.147 χ^2/NDF : 311206.9/11

eigen_cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 47.023+/-43.956 χ^2/NDF : 5.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.552+/-42.477 χ^2/NDF : 10.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

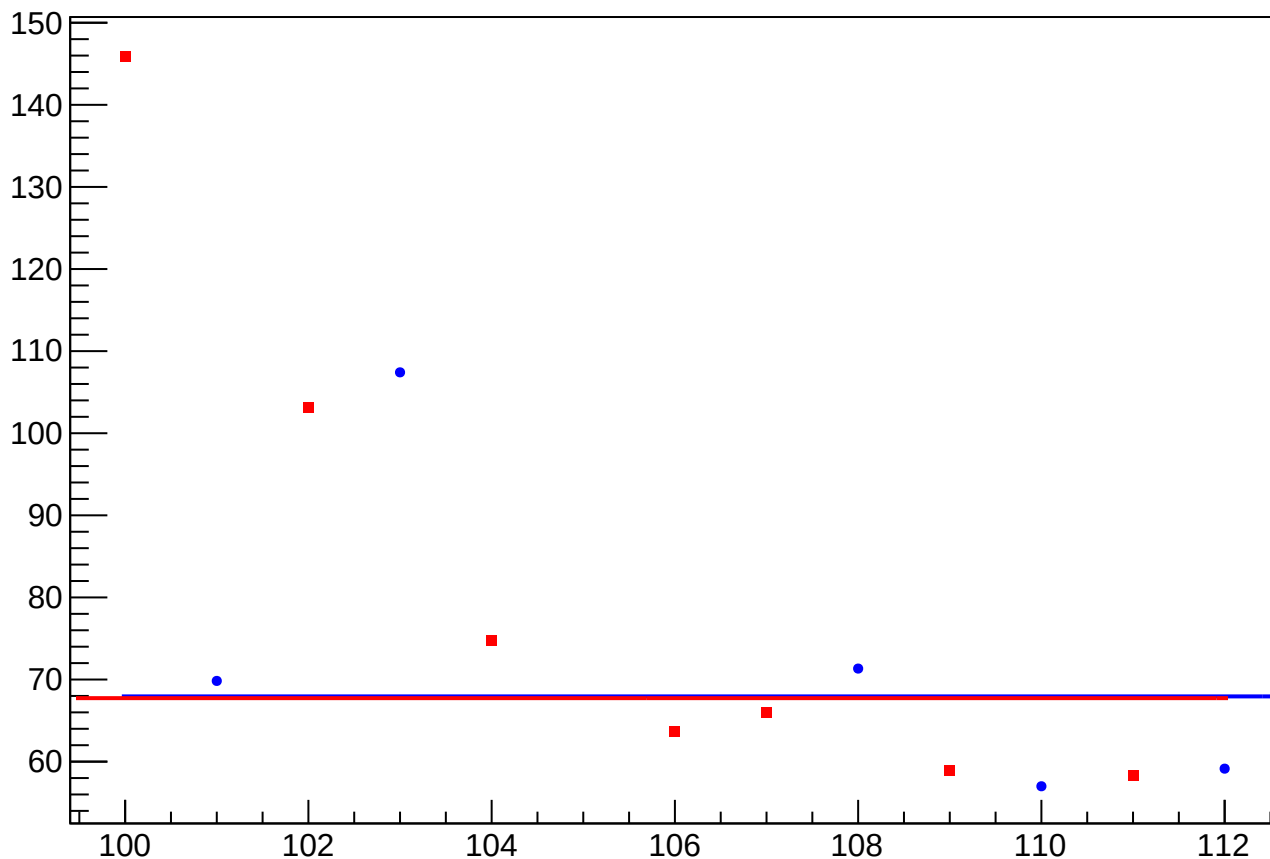
Right: 61.258+/-30.545 χ^2/NDF : 16.2/11

In: 47.023+/-43.956 χ^2/NDF : 5.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.258+/-30.545 χ^2/NDF : 16.2/11

eigen_cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 67.945+/-0.031 χ^2/NDF : 212003.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.732+/-0.030 χ^2/NDF : 249382.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

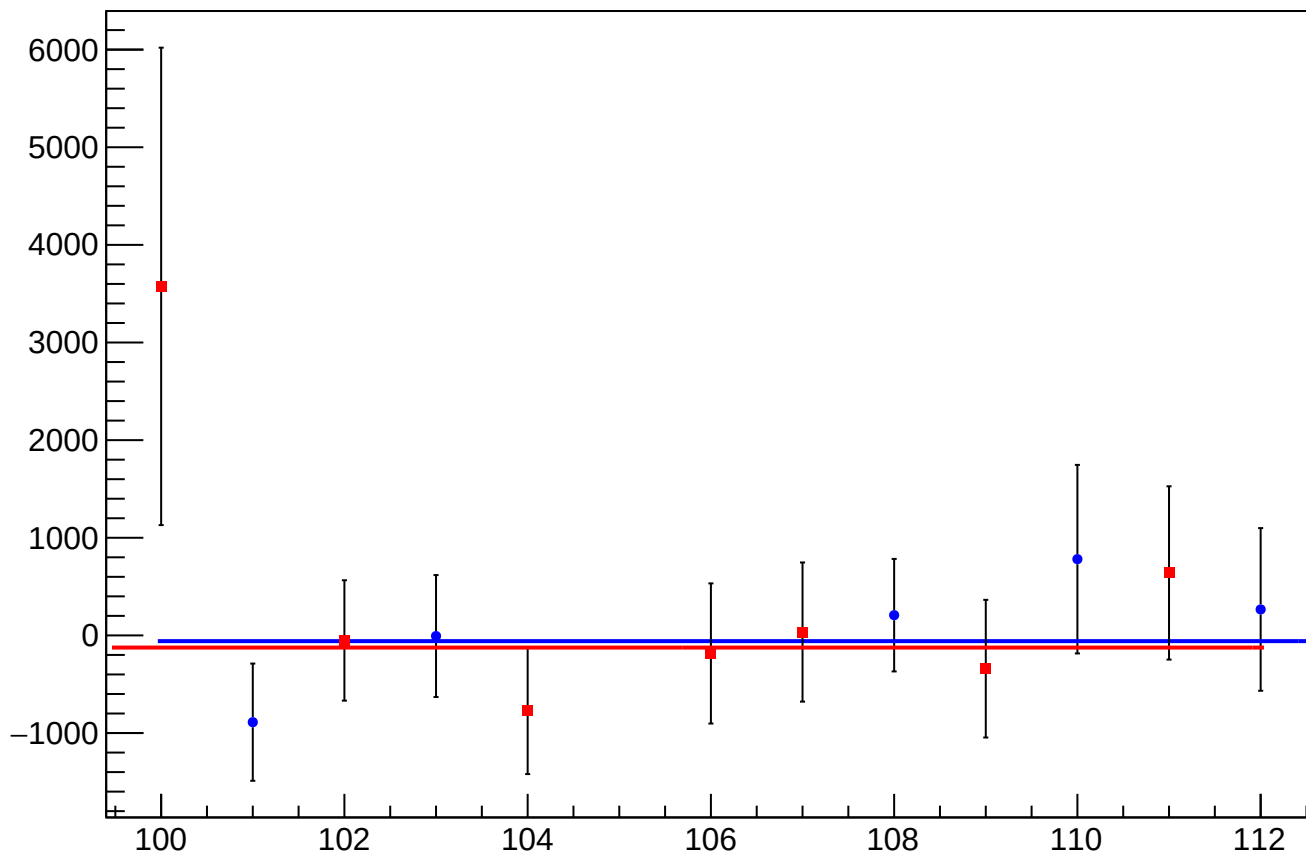
Right: 67.835+/-0.022 χ^2/NDF : 461410.9/11

In: 67.945+/-0.031 χ^2/NDF : 212003.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.835+/-0.022 χ^2/NDF : 461410.9/11

asym_sam_13_57_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -58.642 $\pm$ 303.421 χ^2 /NDF: 3.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -124.494 $\pm$ 284.336 χ^2 /NDF: 4.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

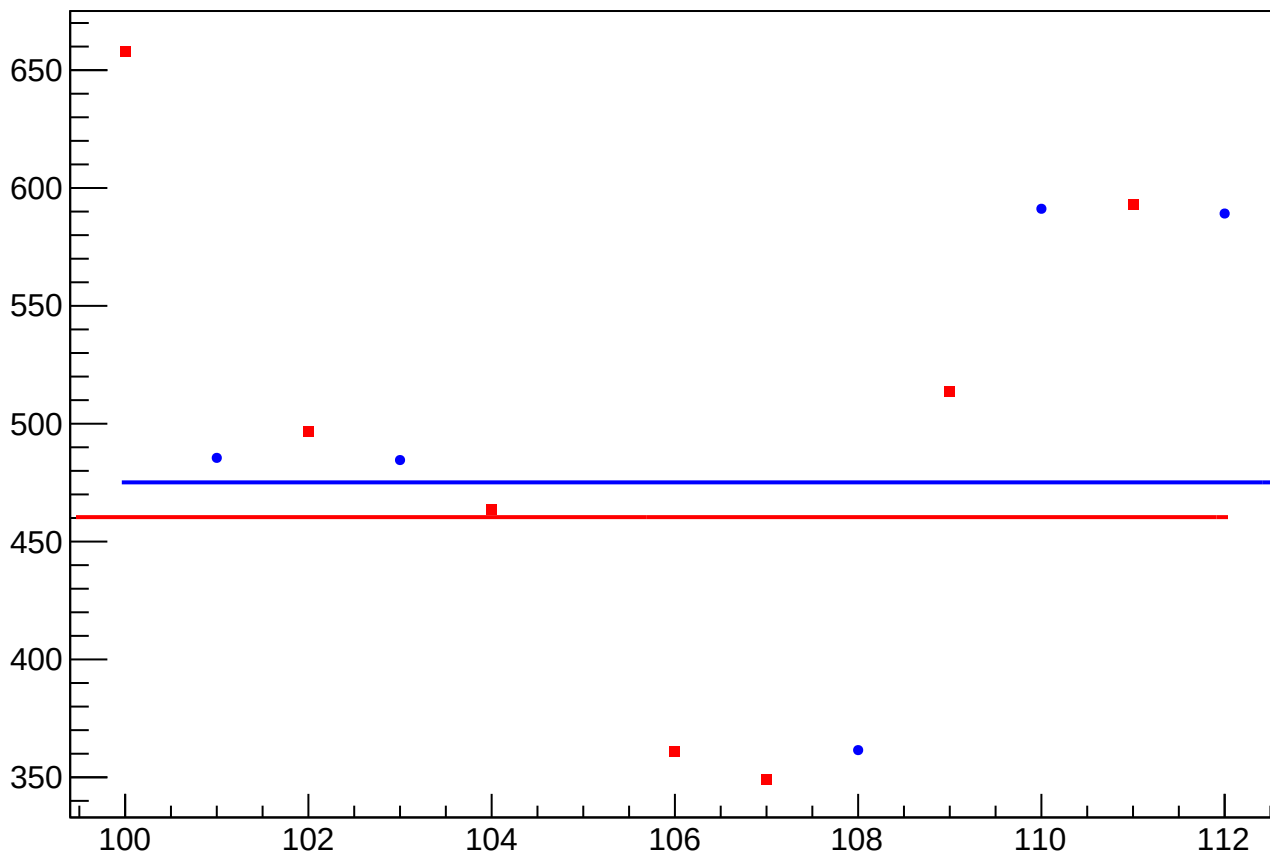
Right: -93.704 $\pm$ 207.475 χ^2 /NDF: 7.3/11

In: -58.642 $\pm$ 303.421 χ^2 /NDF:3.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -93.704 $\pm$ 207.475 χ^2 /NDF: 7.3/11

asym_sam_13_57_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 475.116+/-0.215 χ^2/NDF : 145148.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 460.372+/-0.201 χ^2/NDF : 163543.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

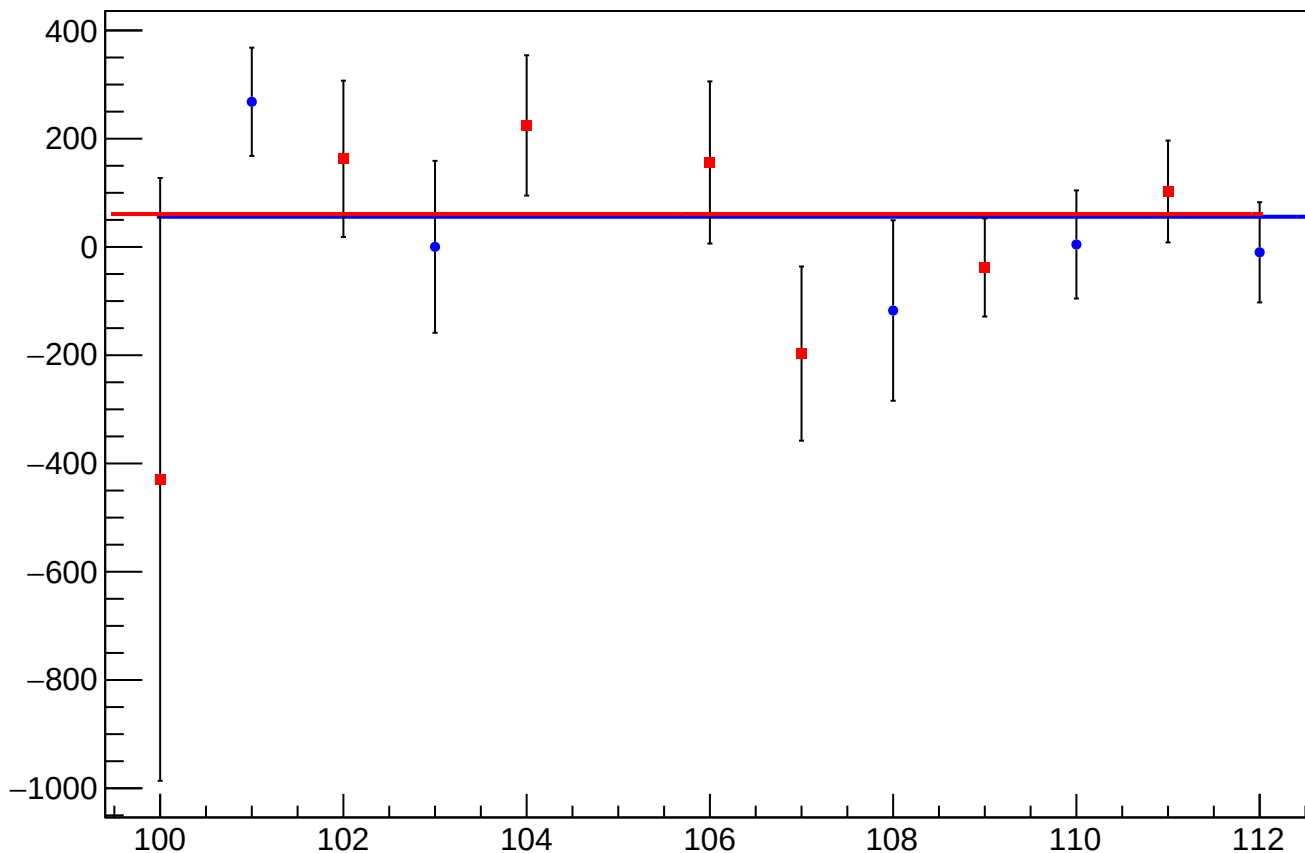
Right: 467.266+/-0.147 χ^2/NDF : 311206.9/11

In: 475.116+/-0.215 χ^2/NDF : 145148.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 467.266+/-0.147 χ^2/NDF : 311206.9/11

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 55.814+/-50.468 χ^2/NDF : 6.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.839+/-48.305 χ^2/NDF : 7.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

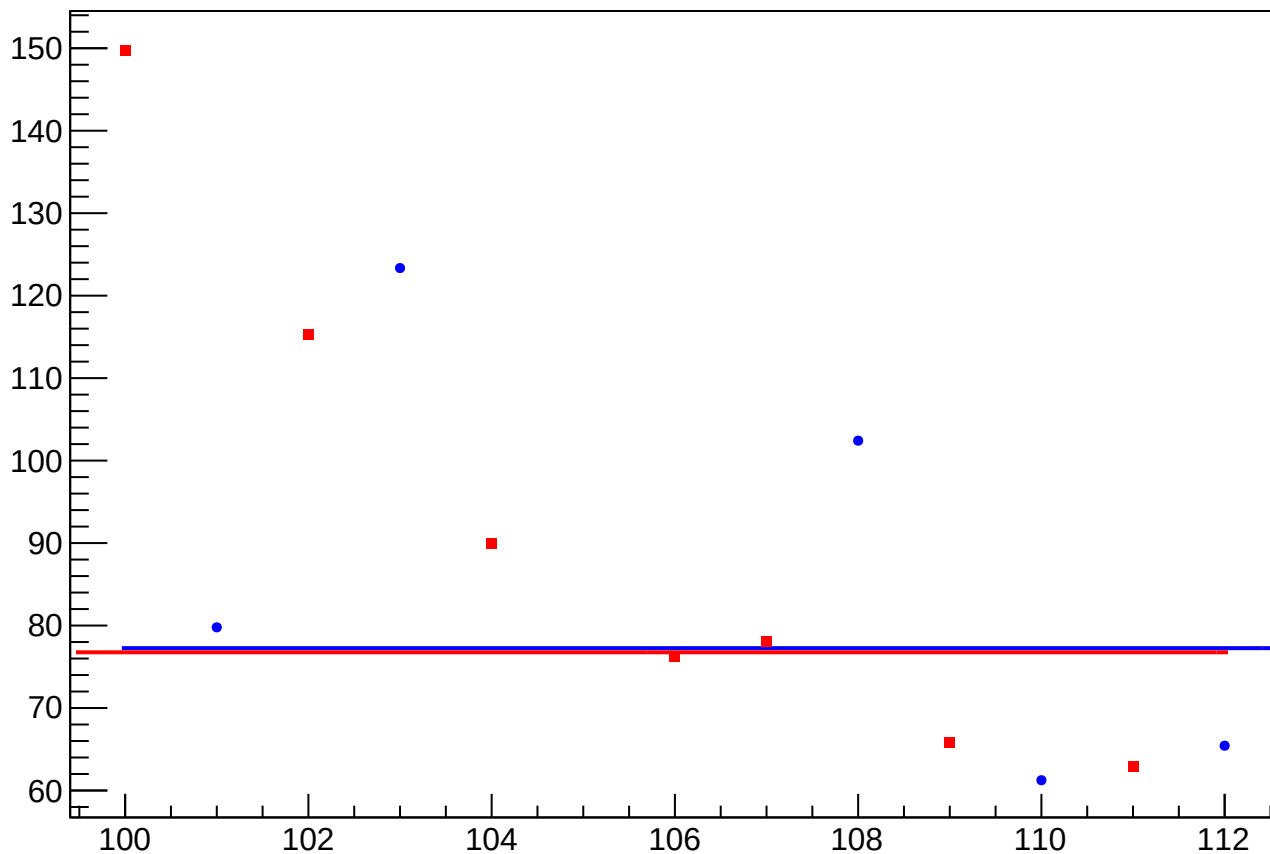
Right: 58.437+/-34.897 χ^2/NDF : 13.7/11

In: 55.814+/-50.468 χ^2/NDF : 6.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.437+/-34.897 χ^2/NDF : 13.7/11

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 77.260 $\pm$ 0.036 χ^2 /NDF: 299366.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 76.758 $\pm$ 0.034 χ^2 /NDF: 269862.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

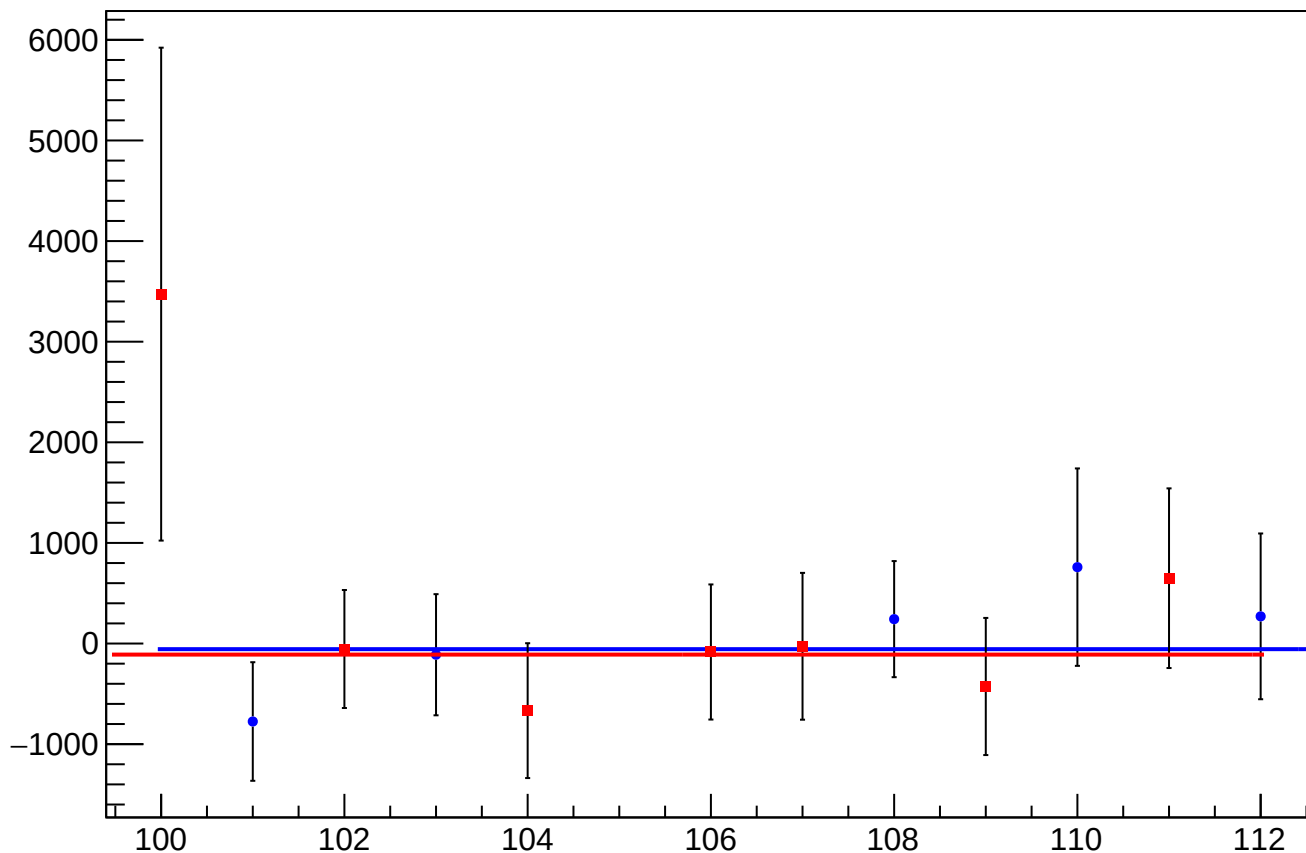
Right: 76.998 $\pm$ 0.025 χ^2 /NDF: 569332.2/11

In: 77.260 $\pm$ 0.036 χ^2 /NDF:299366.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 76.998 $\pm$ 0.025 χ^2 /NDF: 569332.2/11

asym_sam_13_57_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -55.872 ± 299.414 χ^2/NDF : 2.6/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -109.896 ± 279.431 χ^2/NDF : 3.8/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

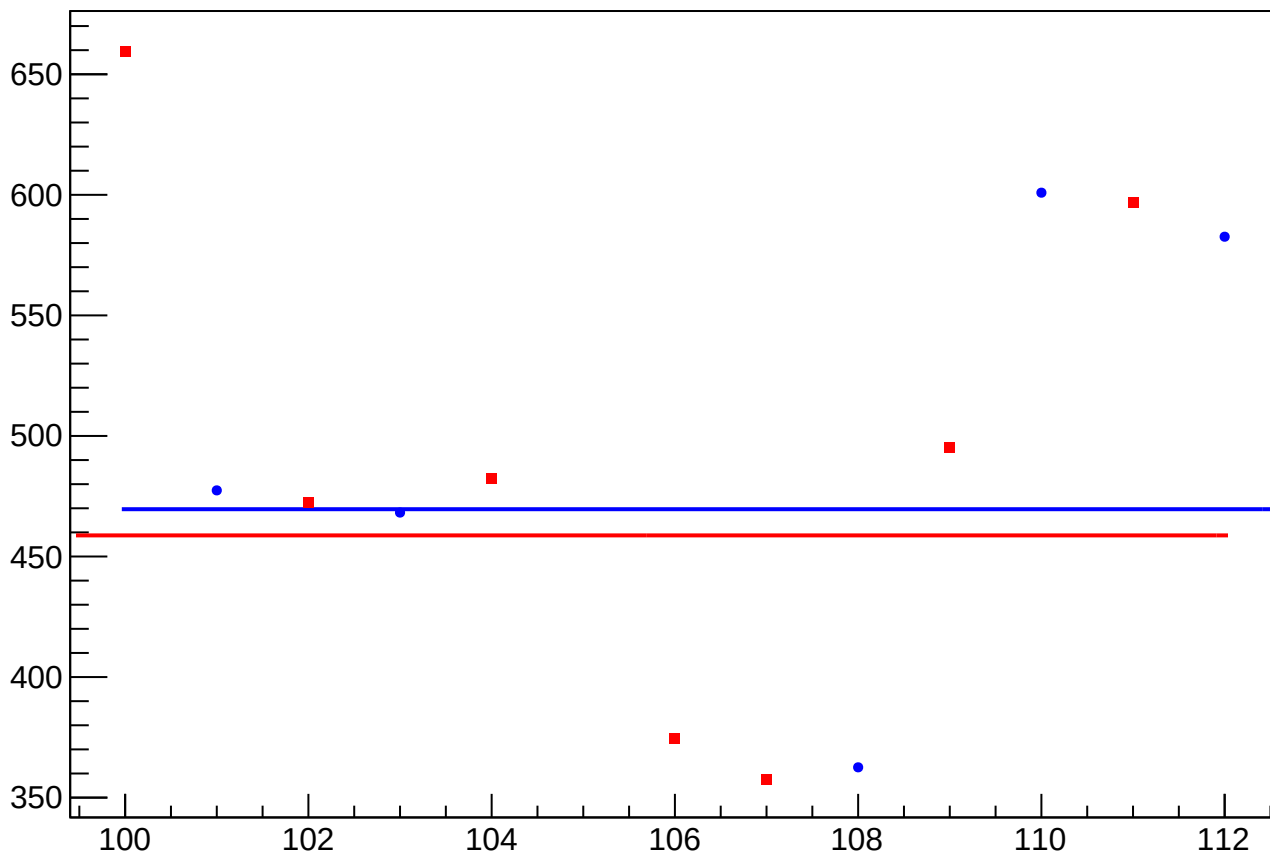
Right: -84.747 ± 204.287 χ^2/NDF : 6.4/11

In: -55.872 ± 299.414 χ^2/NDF : 2.6/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -84.747 ± 204.287 χ^2/NDF : 6.4/11

asym_sam_13_57_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 469.617 $\pm$ 0.212 χ^2 /NDF: 142658.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 458.756 $\pm$ 0.198 χ^2 /NDF: 140531.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

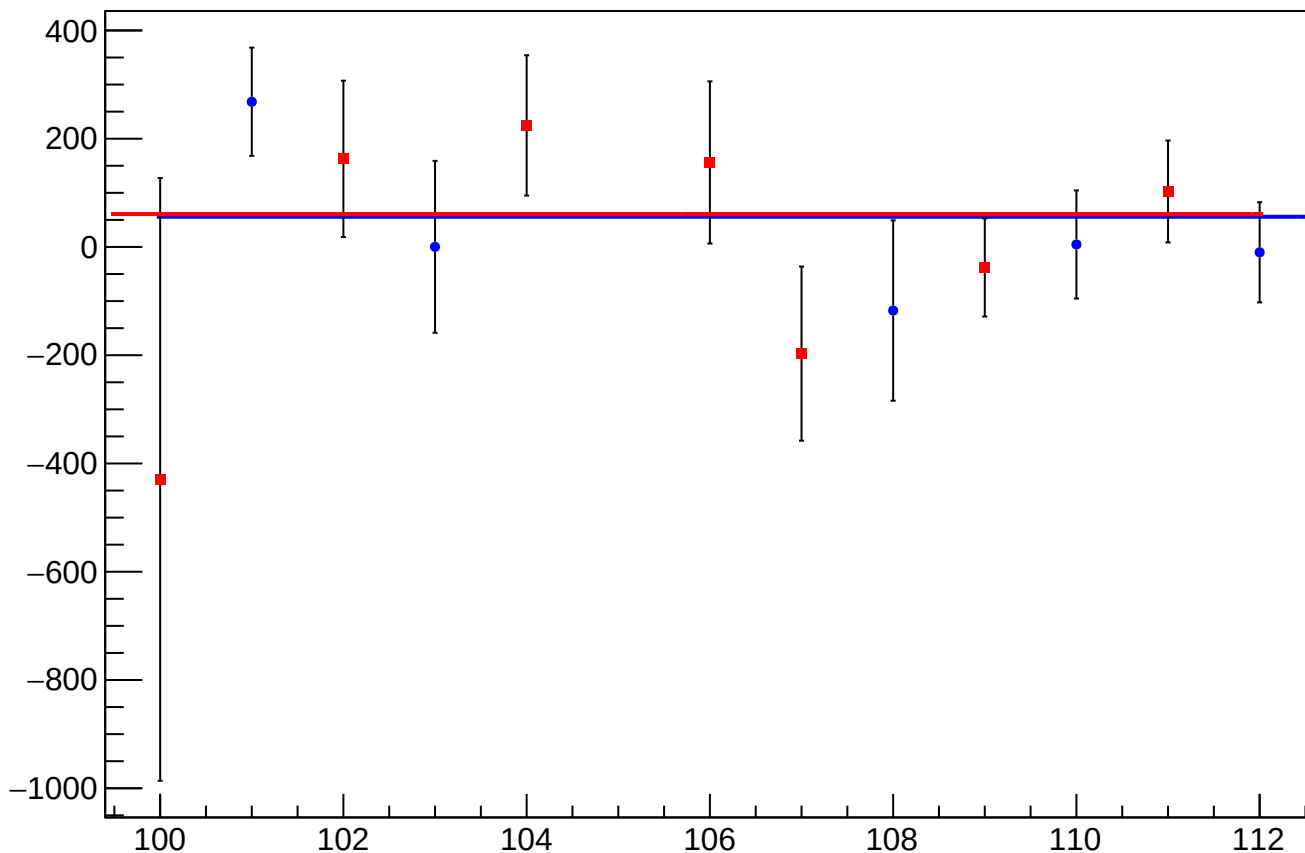
Right: 463.812 $\pm$ 0.144 χ^2 /NDF: 284596.6/11

In: 469.617 $\pm$ 0.212 χ^2 /NDF:142658.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 463.812 $\pm$ 0.144 χ^2 /NDF: 284596.6/11

eigen_dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 55.816+/-50.468 χ^2/NDF : 6.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.839+/-48.305 χ^2/NDF : 7.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

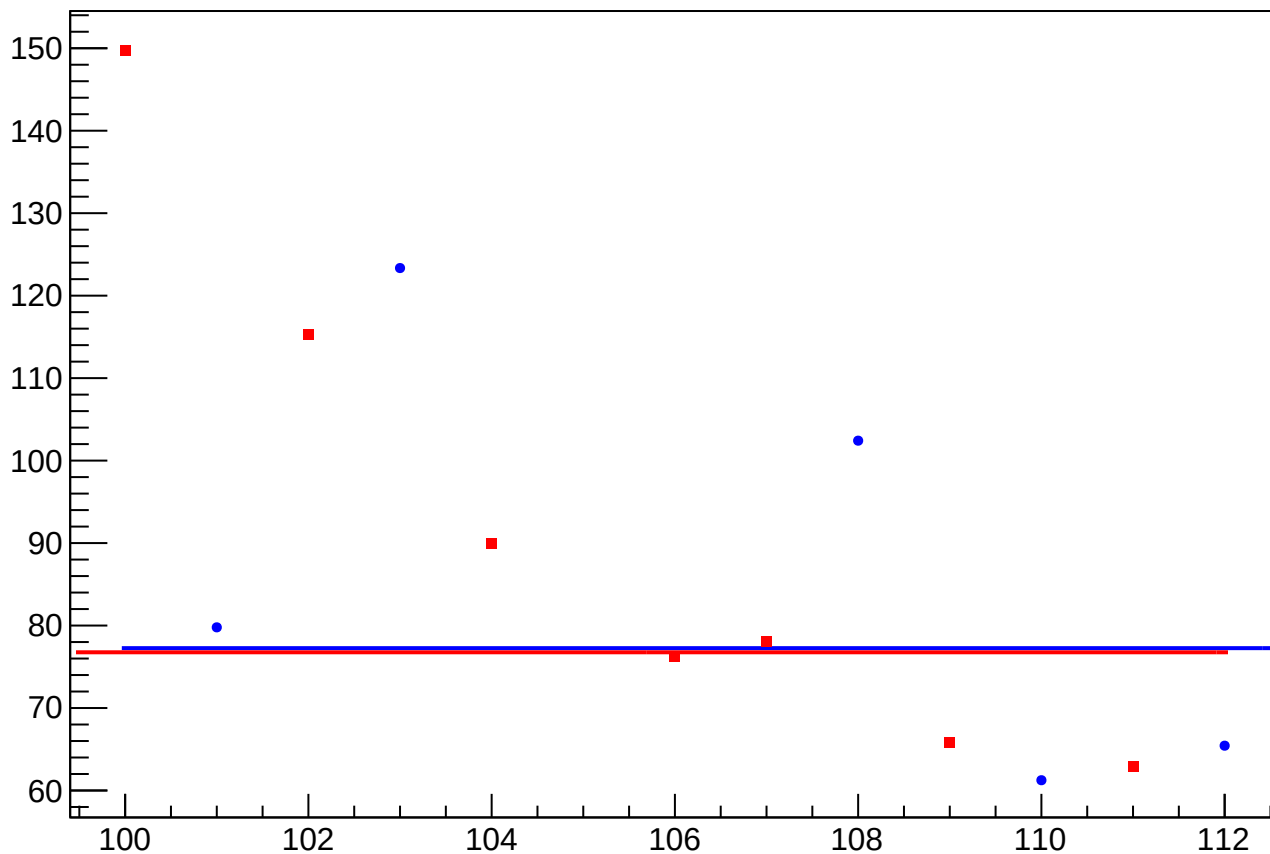
Right: 58.437+/-34.897 χ^2/NDF : 13.7/11

In: 55.816+/-50.468 χ^2/NDF : 6.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.437+/-34.897 χ^2/NDF : 13.7/11

eigen_dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 77.260+/-0.036 χ^2/NDF : 299372.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.758+/-0.034 χ^2/NDF : 269863.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

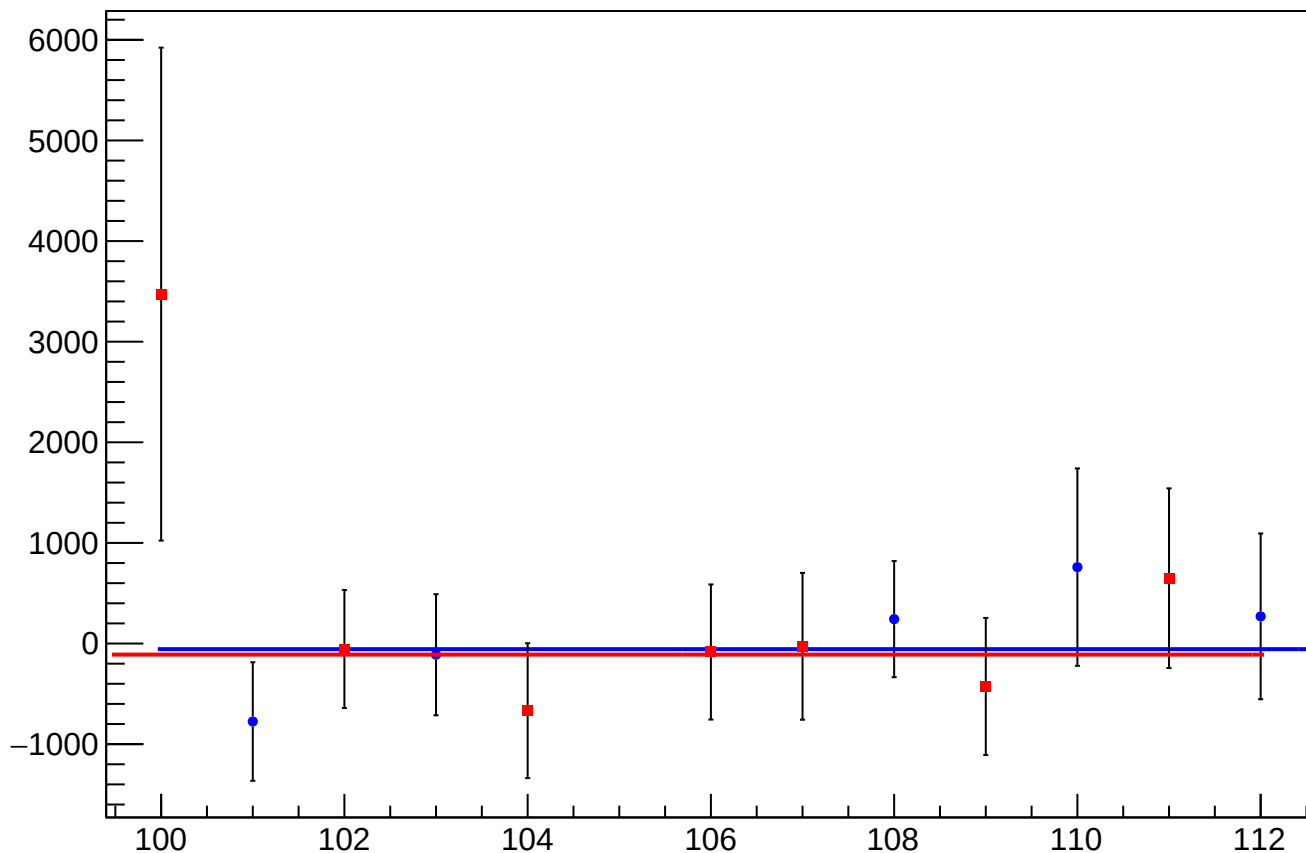
Right: 76.998+/-0.025 χ^2/NDF : 569338.7/11

In: 77.260+/-0.036 χ^2/NDF : 299372.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.998+/-0.025 χ^2/NDF : 569338.7/11

asym_sam_13_57_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -55.872 $\pm$ 299.413 χ^2 /NDF: 2.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -109.897 $\pm$ 279.430 χ^2 /NDF: 3.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

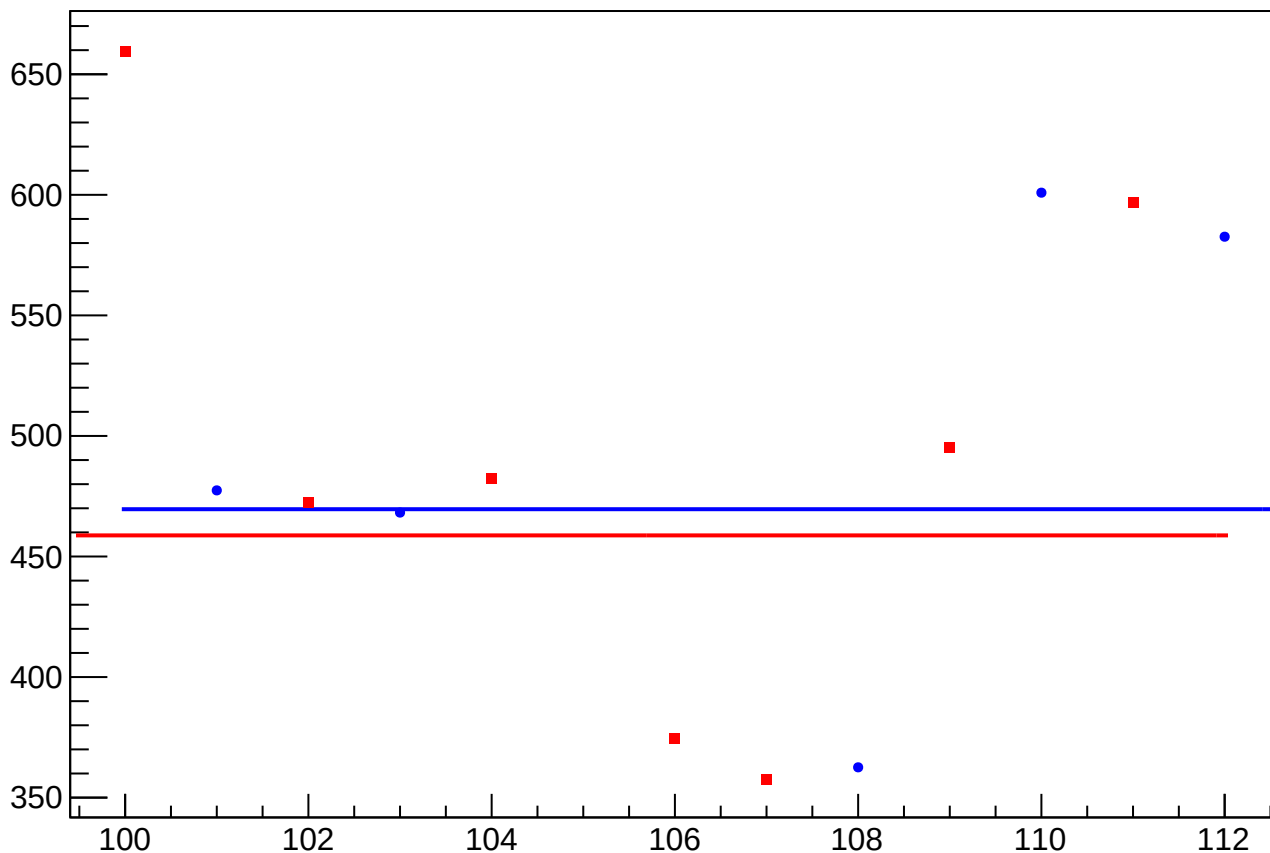
Right: -84.747 $\pm$ 204.286 χ^2 /NDF: 6.4/11

In: -55.872 $\pm$ 299.413 χ^2 /NDF:2.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -84.747 $\pm$ 204.286 χ^2 /NDF: 6.4/11

asym_sam_13_57_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 469.616+/-0.212 χ^2/NDF : 142659.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 458.755+/-0.198 χ^2/NDF : 140530.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

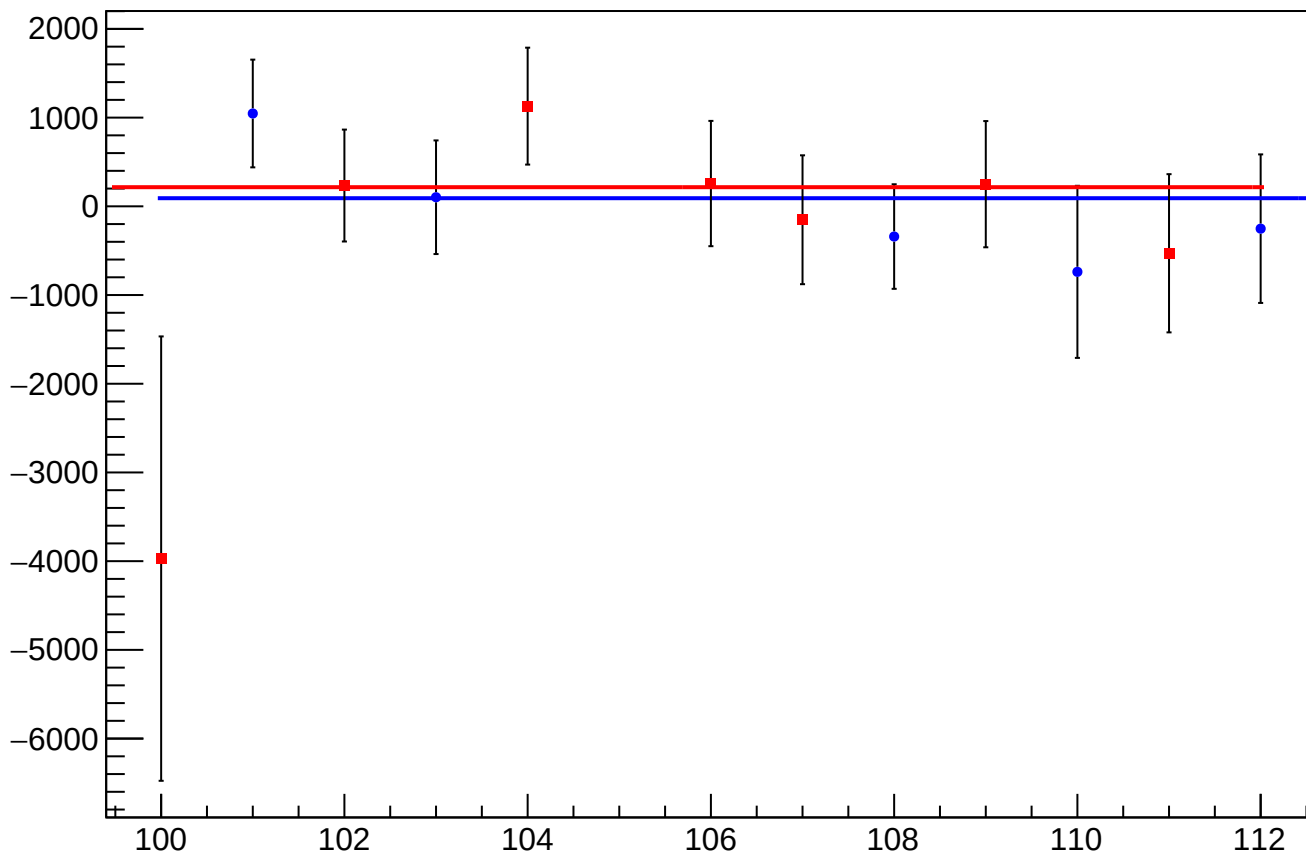
Right: 463.811+/-0.144 χ^2/NDF : 284596.2/11

In: 469.616+/-0.212 χ^2/NDF : 142659.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 463.811+/-0.144 χ^2/NDF : 284596.2/11

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 91.534+/-308.340 χ^2/NDF : 3.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 215.705+/-287.366 χ^2/NDF : 5.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

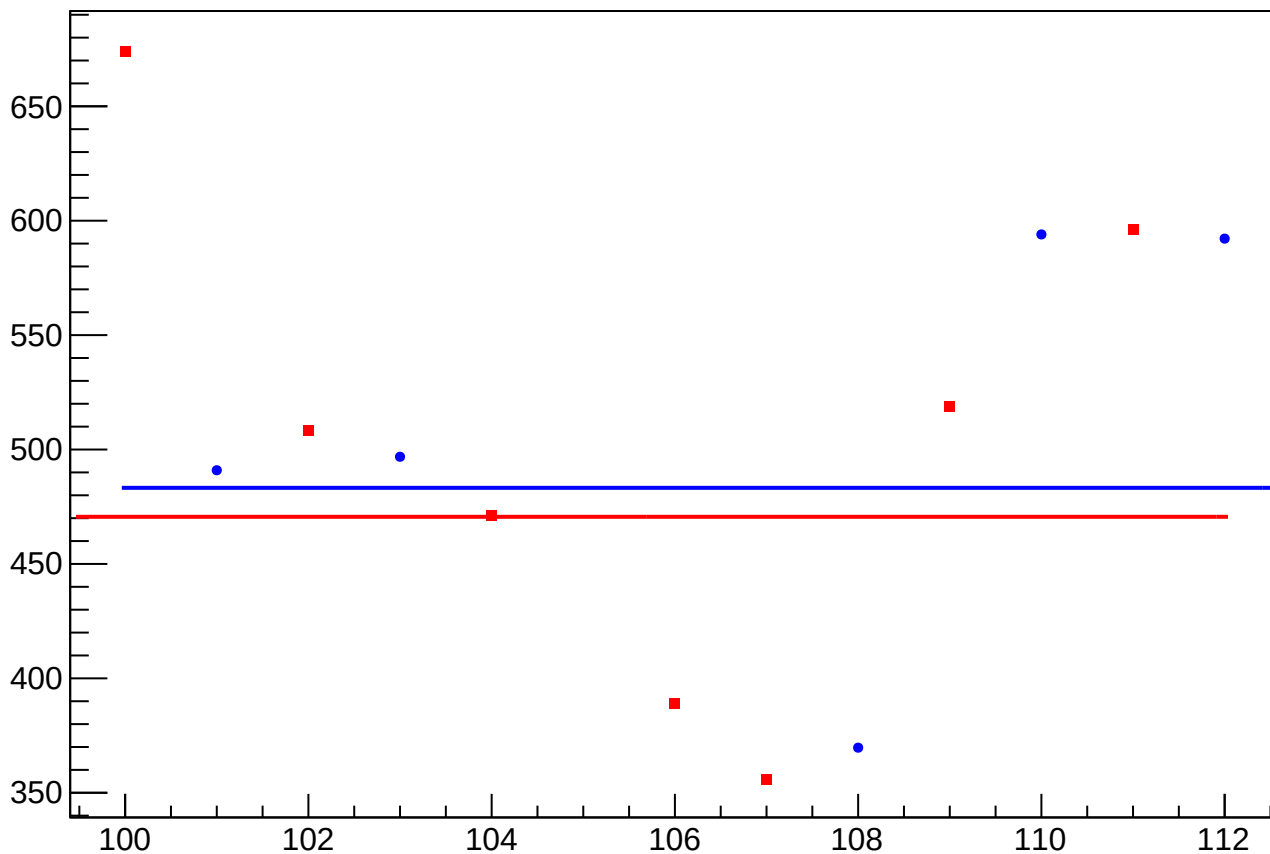
Right: 157.986+/-210.222 χ^2/NDF : 9.7/11

In: 91.534+/-308.340 χ^2/NDF : 3.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.986+/-210.222 χ^2/NDF : 9.7/11

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 483.264+/-0.218 χ^2/NDF : 135382.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 470.600+/-0.203 χ^2/NDF : 145854.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

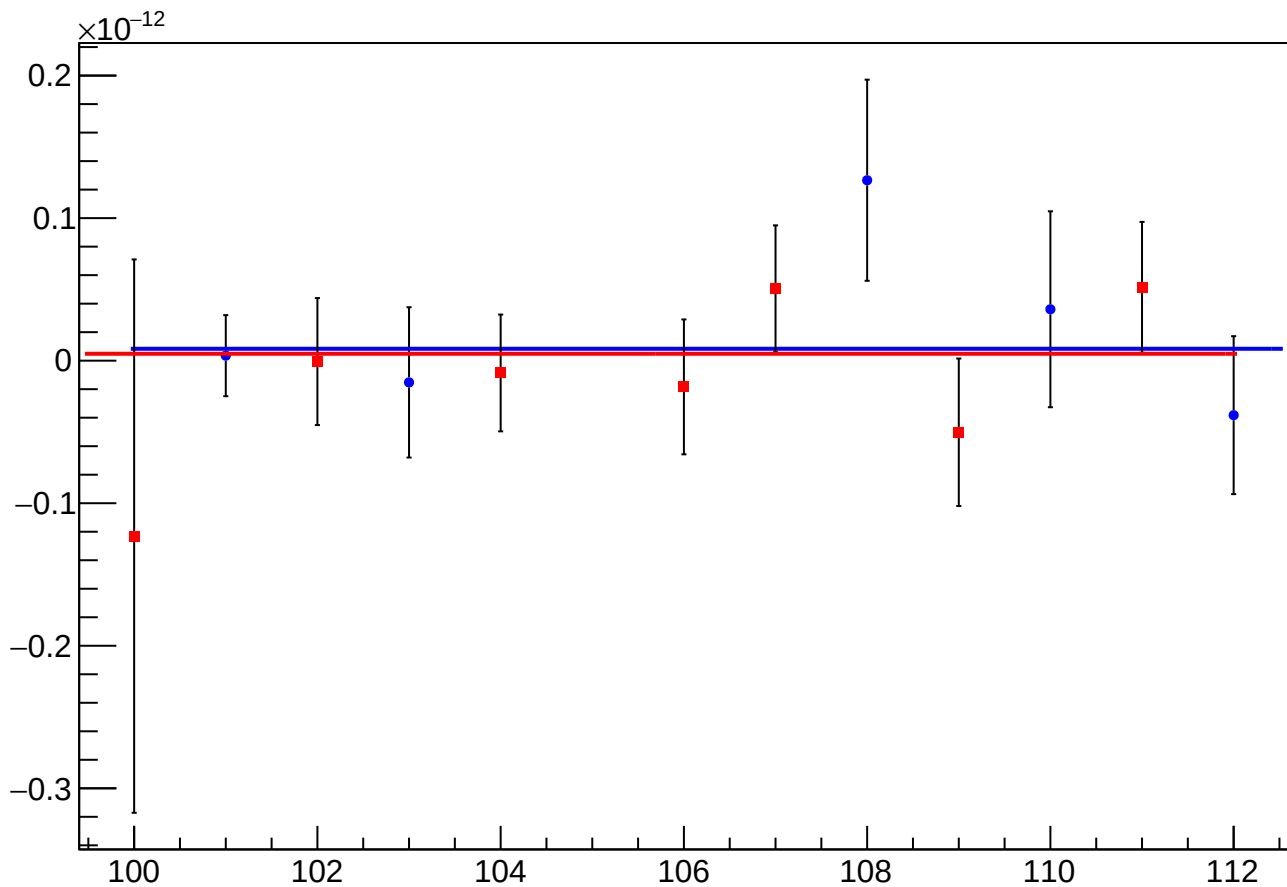
Right: 476.487+/-0.149 χ^2/NDF : 283041.8/11

In: 483.264+/-0.218 χ^2/NDF : 135382.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 476.487+/-0.149 χ^2/NDF : 283041.8/11

asym_sam_13_57_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

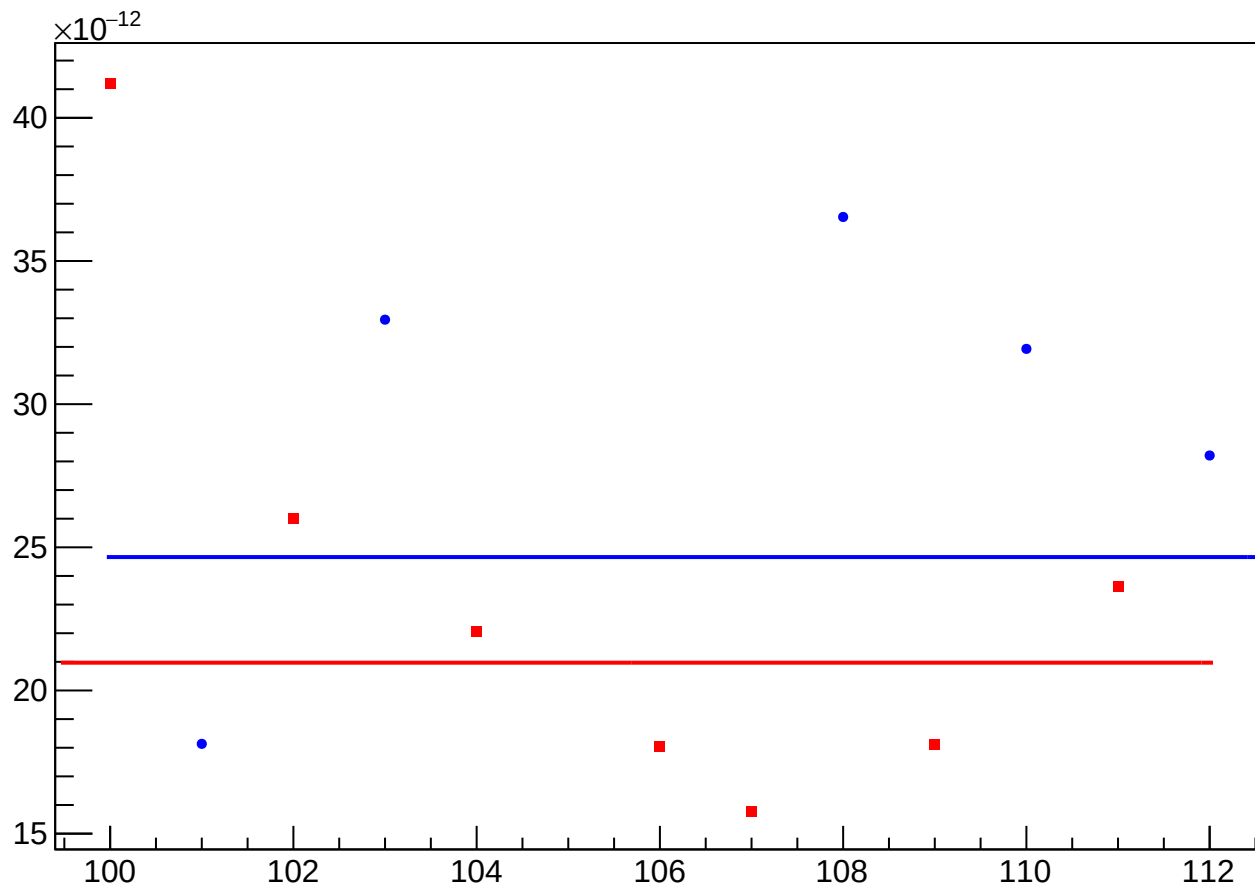
Right: 0.000+/-0.000 χ^2/NDF : 7.9/11

In: 0.000+/-0.000 χ^2/NDF : 3.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.9/11

asym_sam_13_57_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 241947.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 96577.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

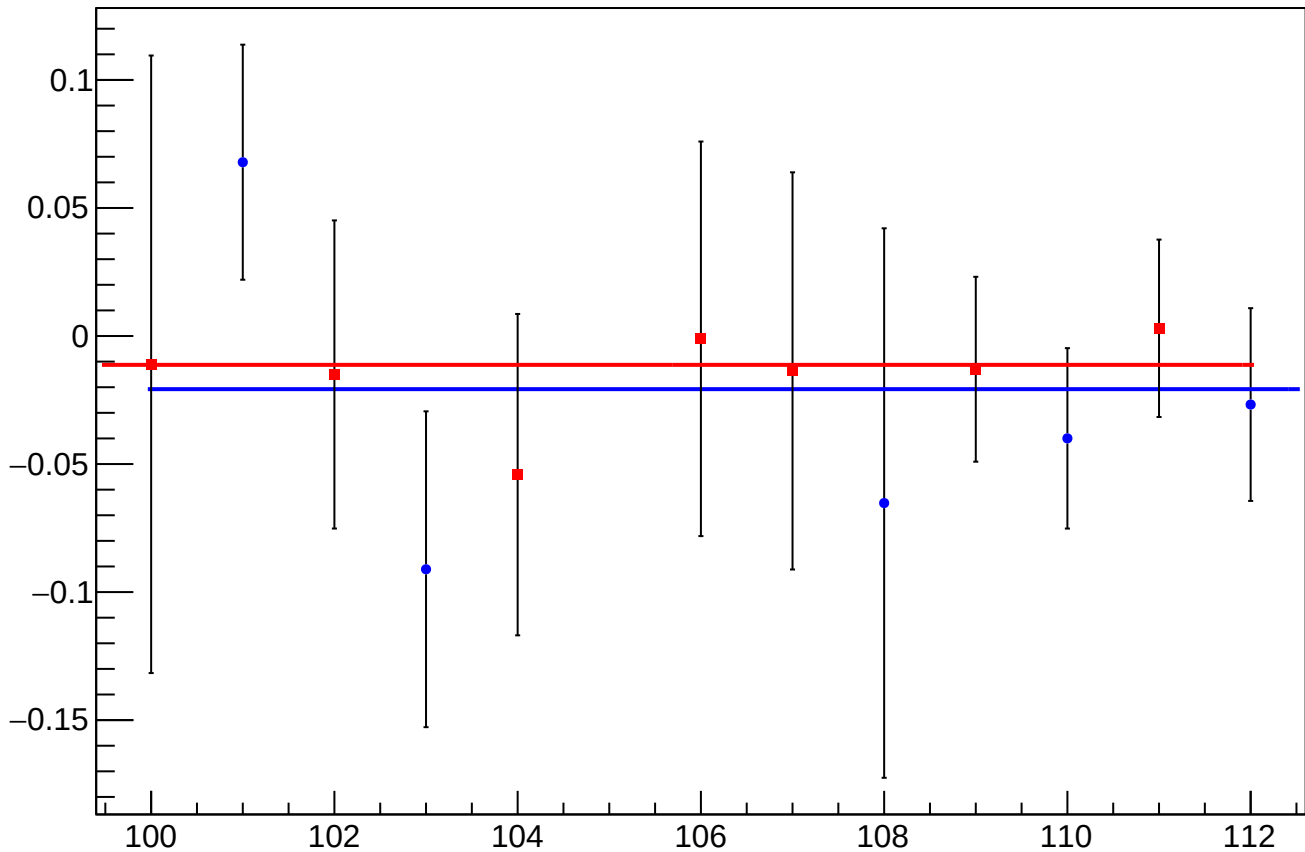
Right: 0.000+/-0.000 χ^2/NDF : 373862.9/11

In: 0.000+/-0.000 χ^2/NDF : 241947.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 373862.9/11

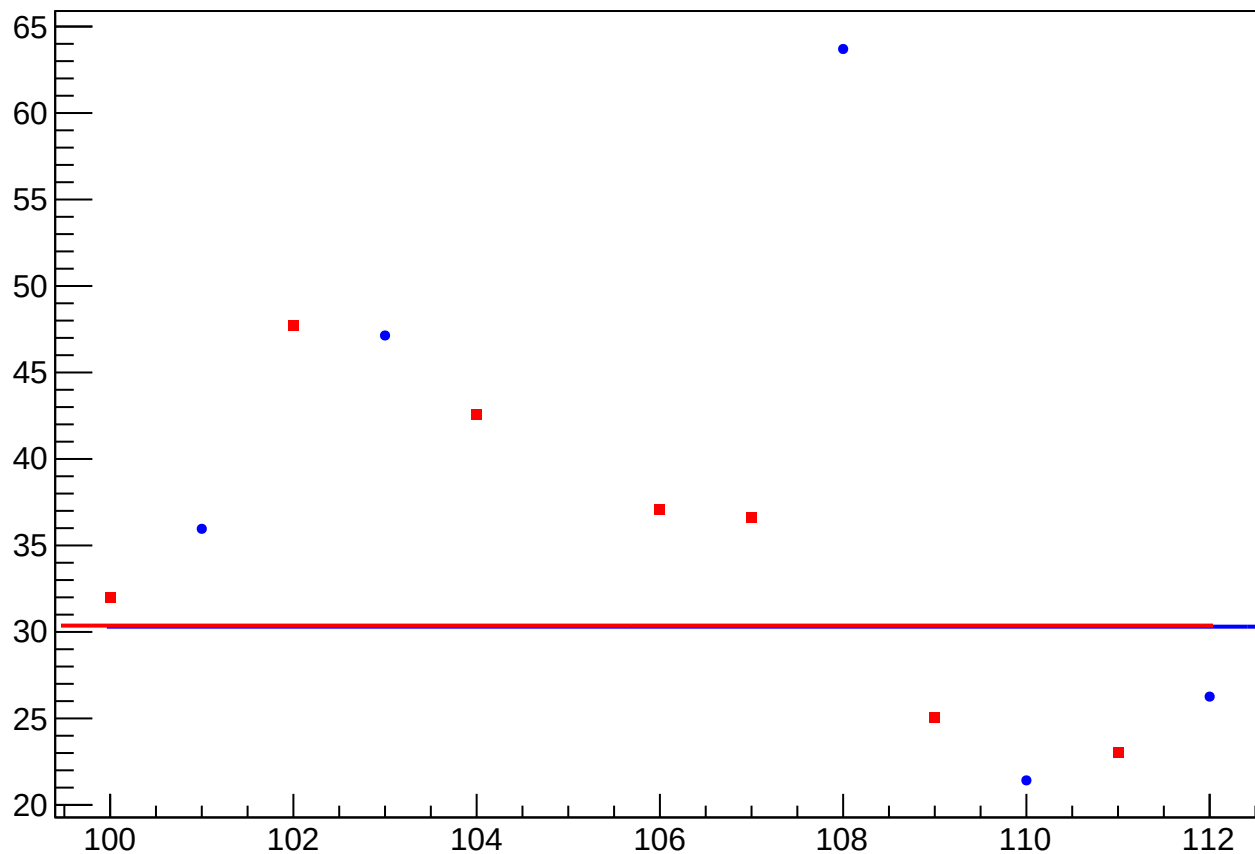
asym_sam_13_57_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.021 χ^2/NDF : 5.5/4
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.011+/-0.020 χ^2/NDF : 0.7/6
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.016+/-0.014 χ^2/NDF : 6.3/11
 In: -0.021+/-0.021 χ^2/NDF : 5.5/4
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.016+/-0.014 χ^2/NDF : 6.3/11

asym_sam_13_57_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.305+/-0.015 χ^2/NDF : 523489.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.367+/-0.014 χ^2/NDF : 403946.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

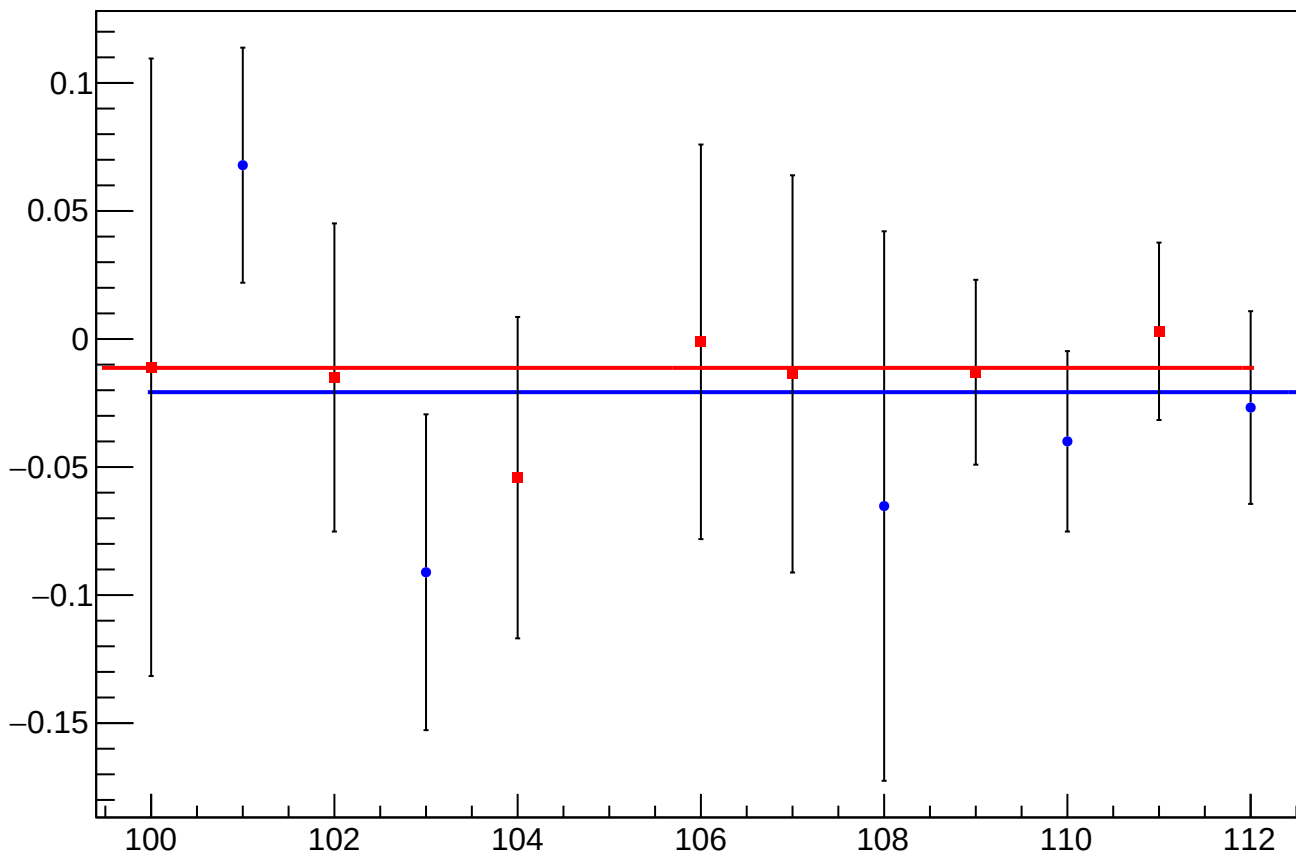
Right: 30.337+/-0.010 χ^2/NDF : 927445.1/11

In: 30.305+/-0.015 χ^2/NDF : 523489.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.337+/-0.010 χ^2/NDF : 927445.1/11

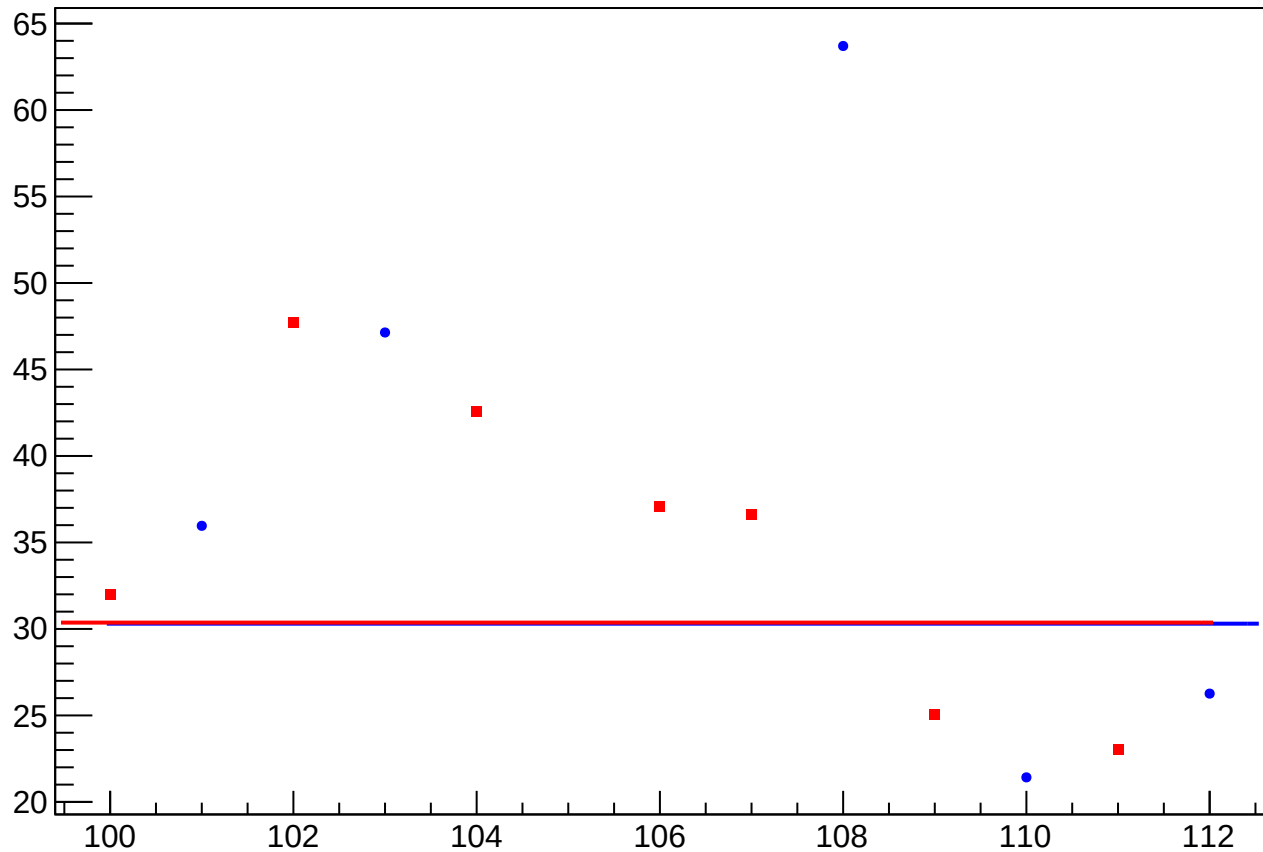
asym_sam_13_57_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.021 χ^2/NDF : 5.5/4
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.011+/-0.020 χ^2/NDF : 0.7/6
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.016+/-0.014 χ^2/NDF : 6.3/11
 In: -0.021+/-0.021 χ^2/NDF : 5.5/4
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.016+/-0.014 χ^2/NDF : 6.3/11

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.305+/-0.015 χ^2/NDF : 523489.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.367+/-0.014 χ^2/NDF : 403946.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

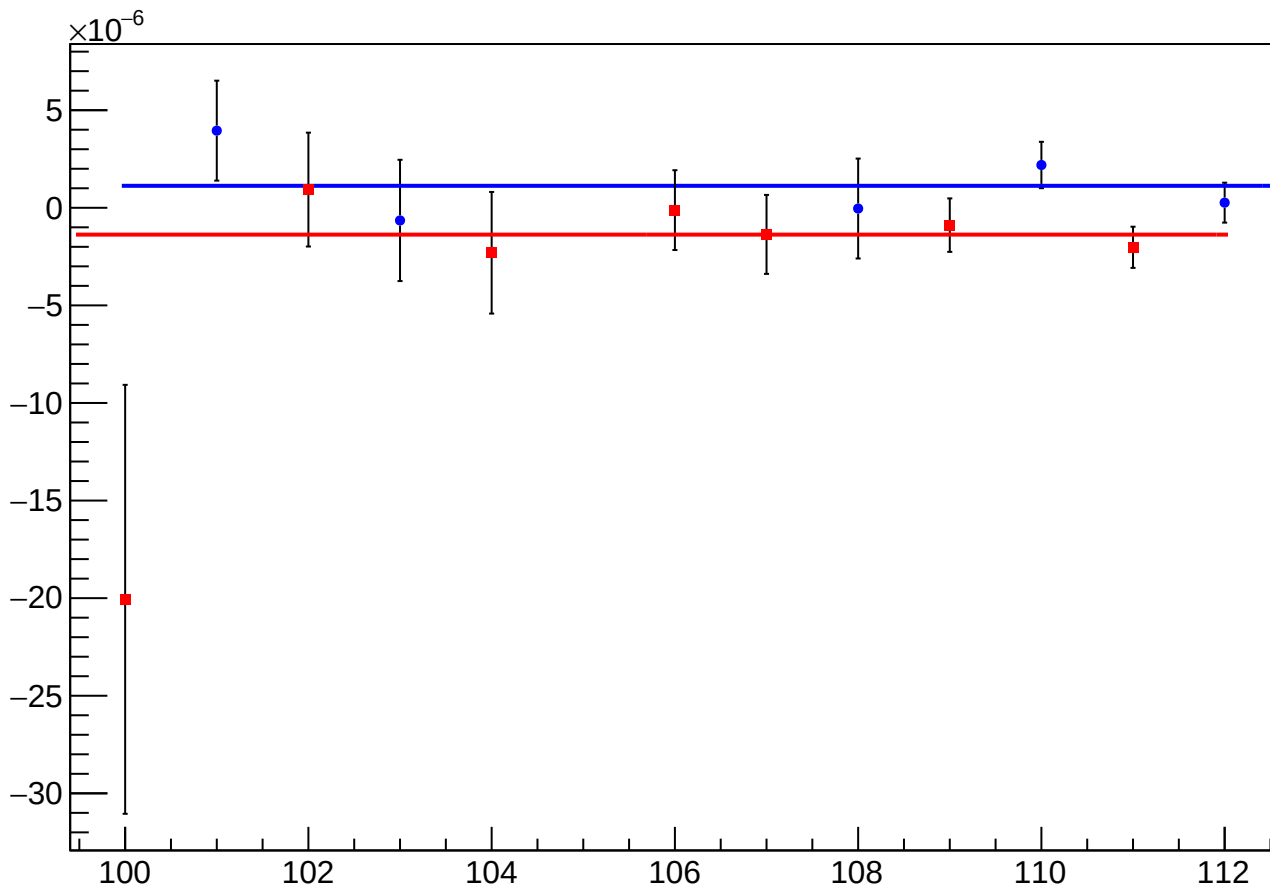
Right: 30.337+/-0.010 χ^2/NDF : 927445.1/11

In: 30.305+/-0.015 χ^2/NDF : 523489.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.337+/-0.010 χ^2/NDF : 927445.1/11

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

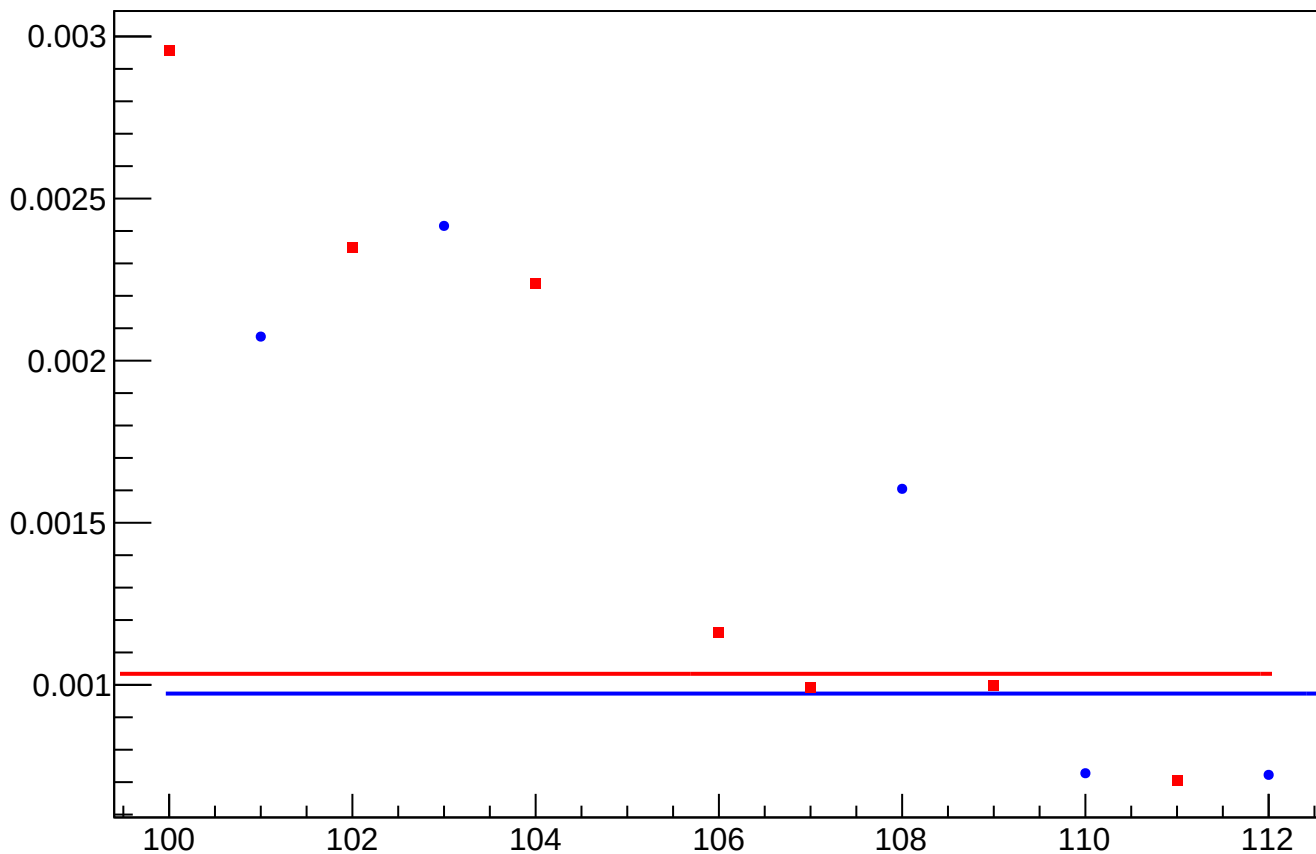
Right: -0.000+/-0.000 χ^2/NDF : 14.4/11

In: 0.000+/-0.000 χ^2/NDF : 3.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.4/11

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1128651.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 971149.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

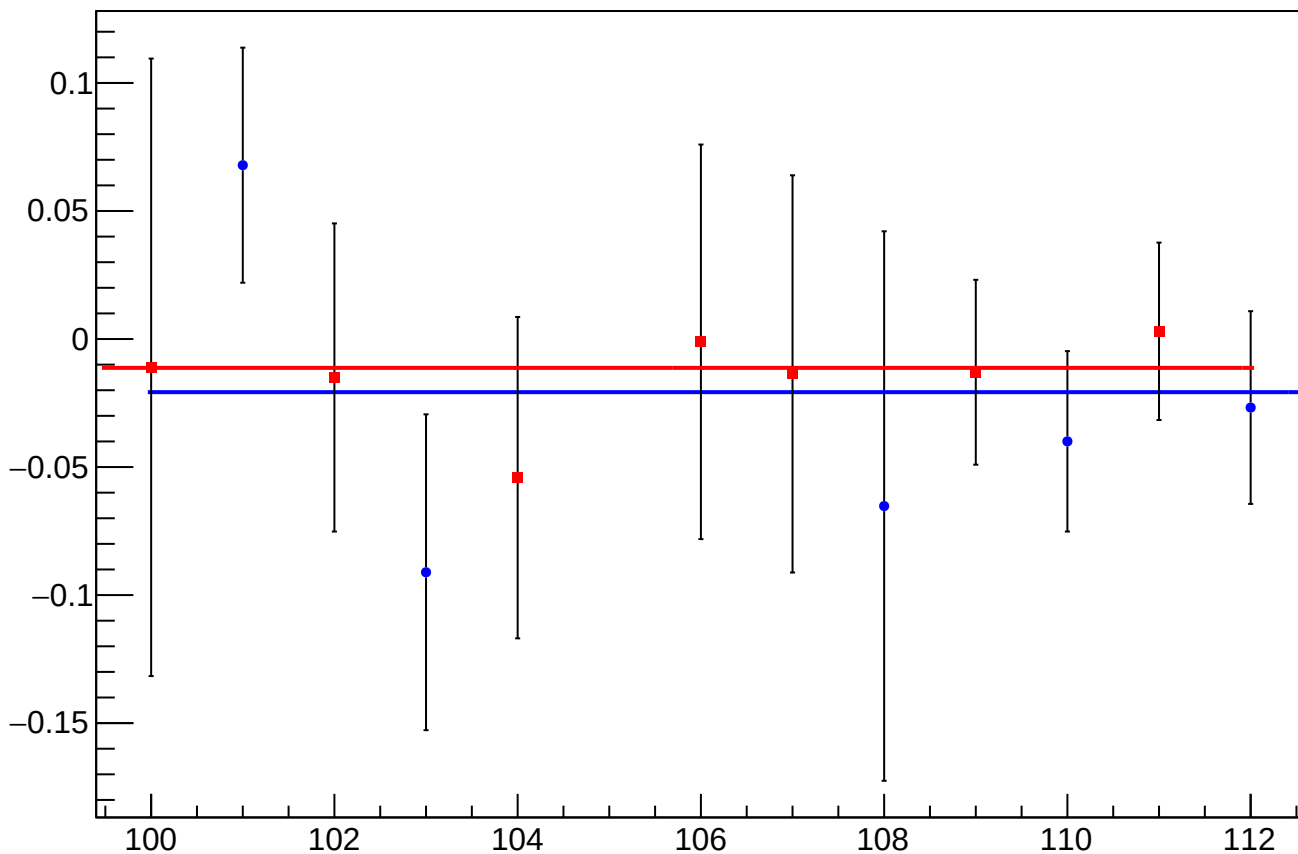
Right: 0.001+/-0.000 χ^2/NDF : 2107629.6/11

In: 0.001+/-0.000 χ^2/NDF : 1128651.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2107629.6/11

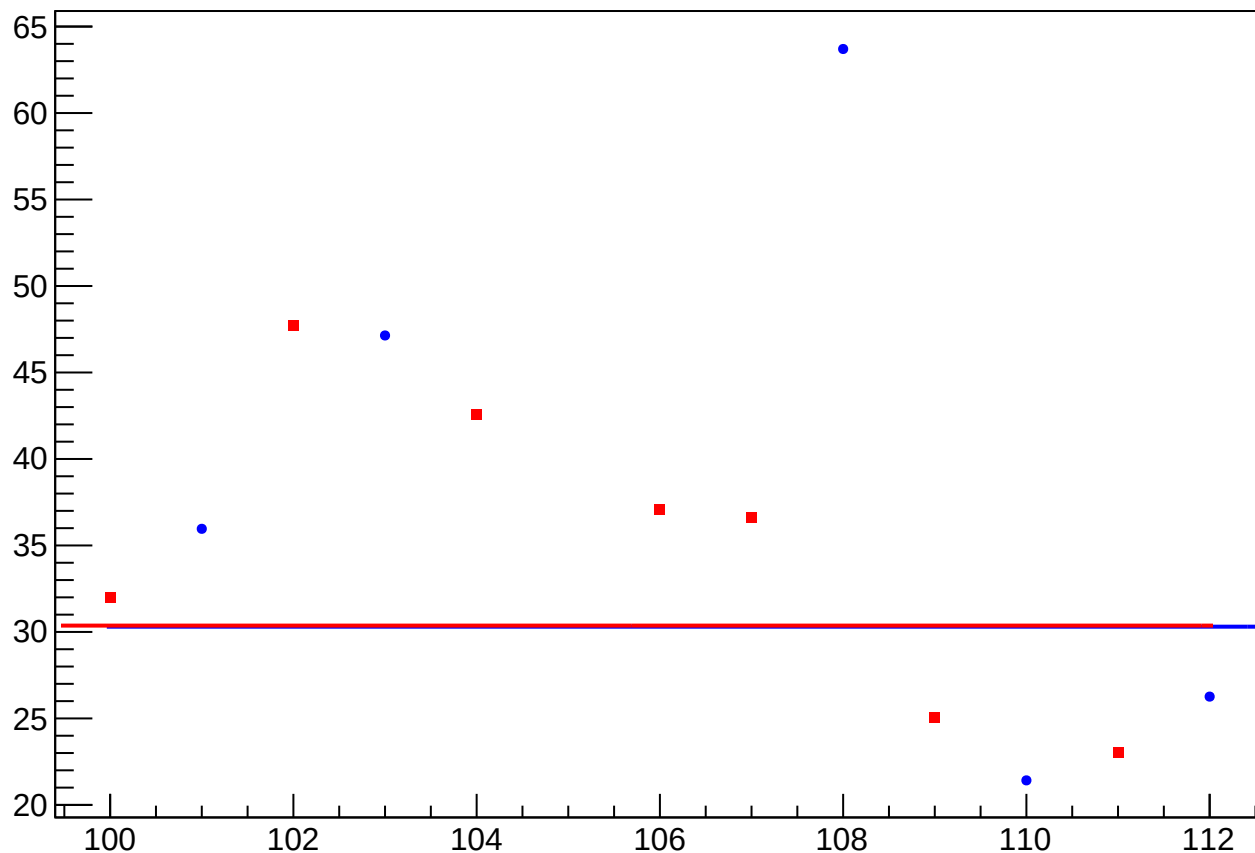
asym_sam_13_57_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 $\pm$ 0.021 χ^2 /NDF: 5.5/4
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.011 $\pm$ 0.020 χ^2 /NDF: 0.7/6
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.016 $\pm$ 0.014 χ^2 /NDF: 6.3/11
 In: -0.021 $\pm$ 0.021 χ^2 /NDF:5.5/4
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.016 $\pm$ 0.014 χ^2 /NDF: 6.3/11

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.305+/-0.015 χ^2/NDF : 523521.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.367+/-0.014 χ^2/NDF : 403953.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

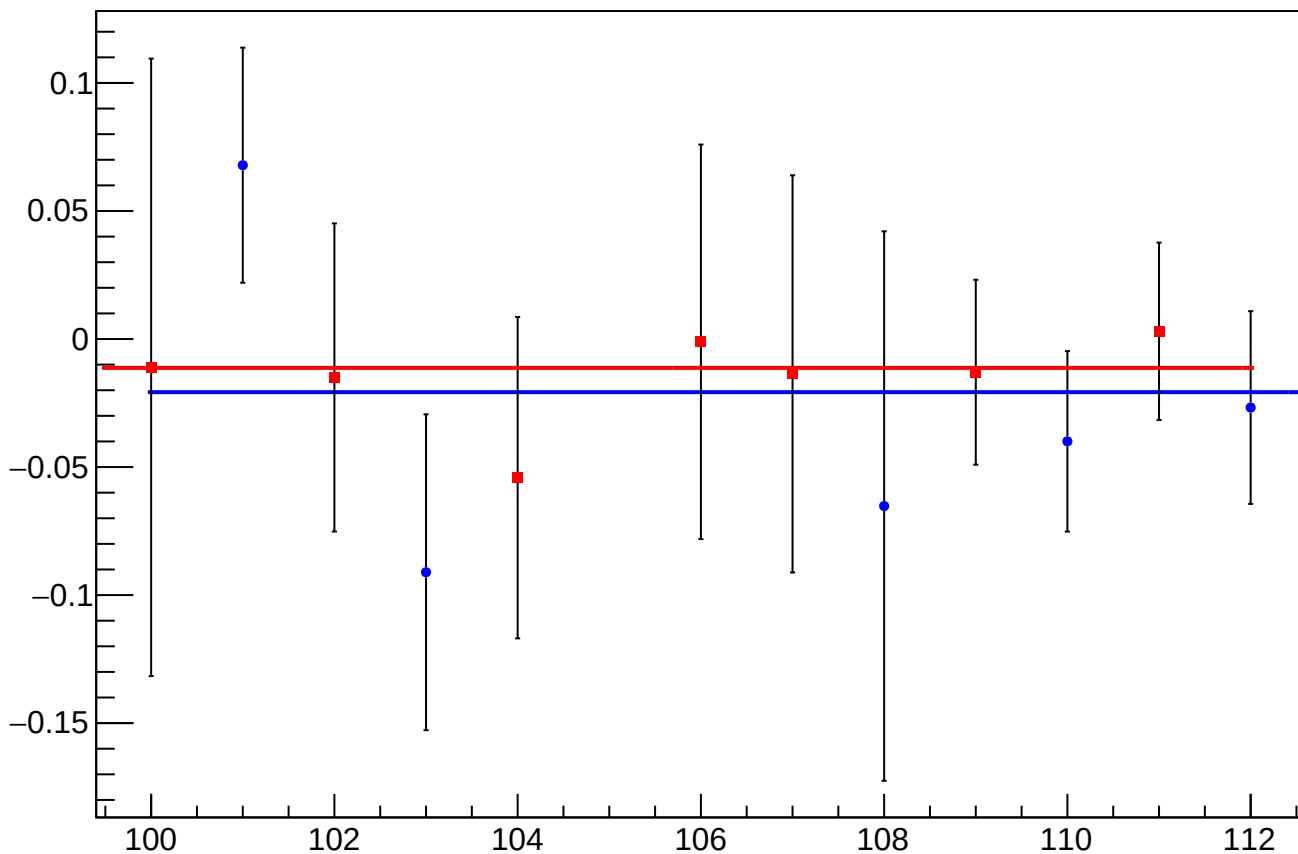
Right: 30.337+/-0.010 χ^2/NDF : 927484.2/11

In: 30.305+/-0.015 χ^2/NDF : 523521.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.337+/-0.010 χ^2/NDF : 927484.2/11

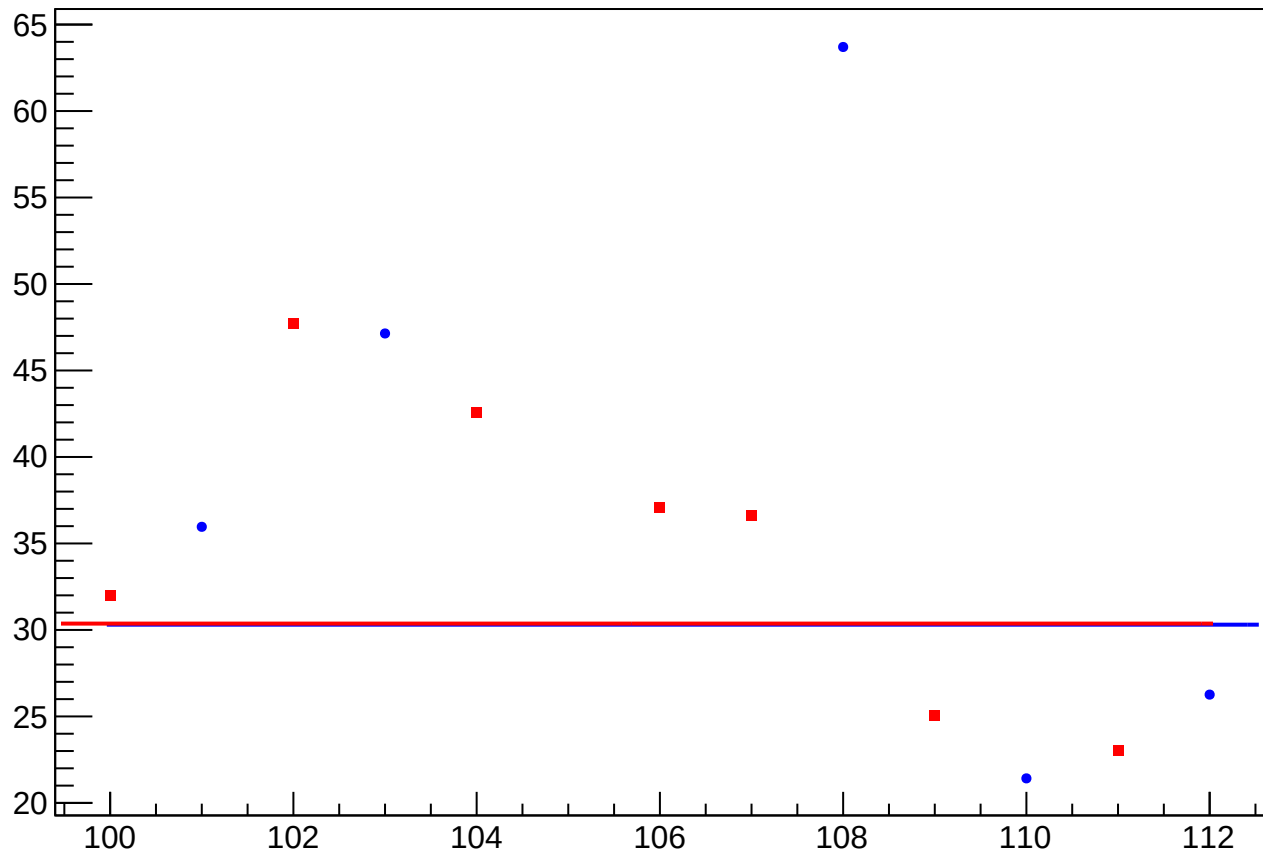
asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.021 χ^2/NDF : 5.5/4
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.011+/-0.020 χ^2/NDF : 0.7/6
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.016+/-0.014 χ^2/NDF : 6.3/11
 In: -0.021+/-0.021 χ^2/NDF : 5.5/4
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.016+/-0.014 χ^2/NDF : 6.3/11

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.305+/-0.015 χ^2/NDF : 523521.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.367+/-0.014 χ^2/NDF : 403953.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

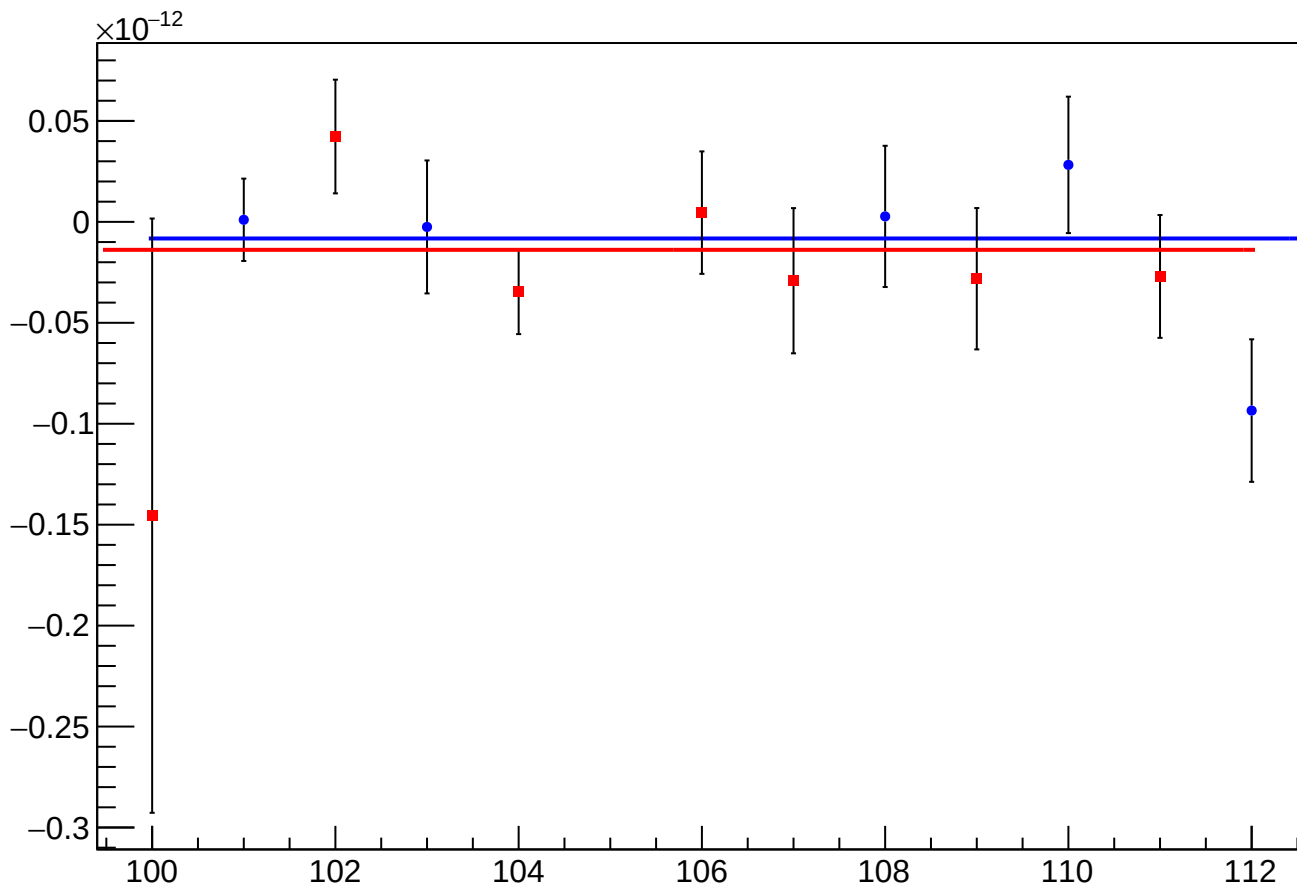
Right: 30.337+/-0.010 χ^2/NDF : 927484.2/11

In: 30.305+/-0.015 χ^2/NDF : 523521.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.337+/-0.010 χ^2/NDF : 927484.2/11

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

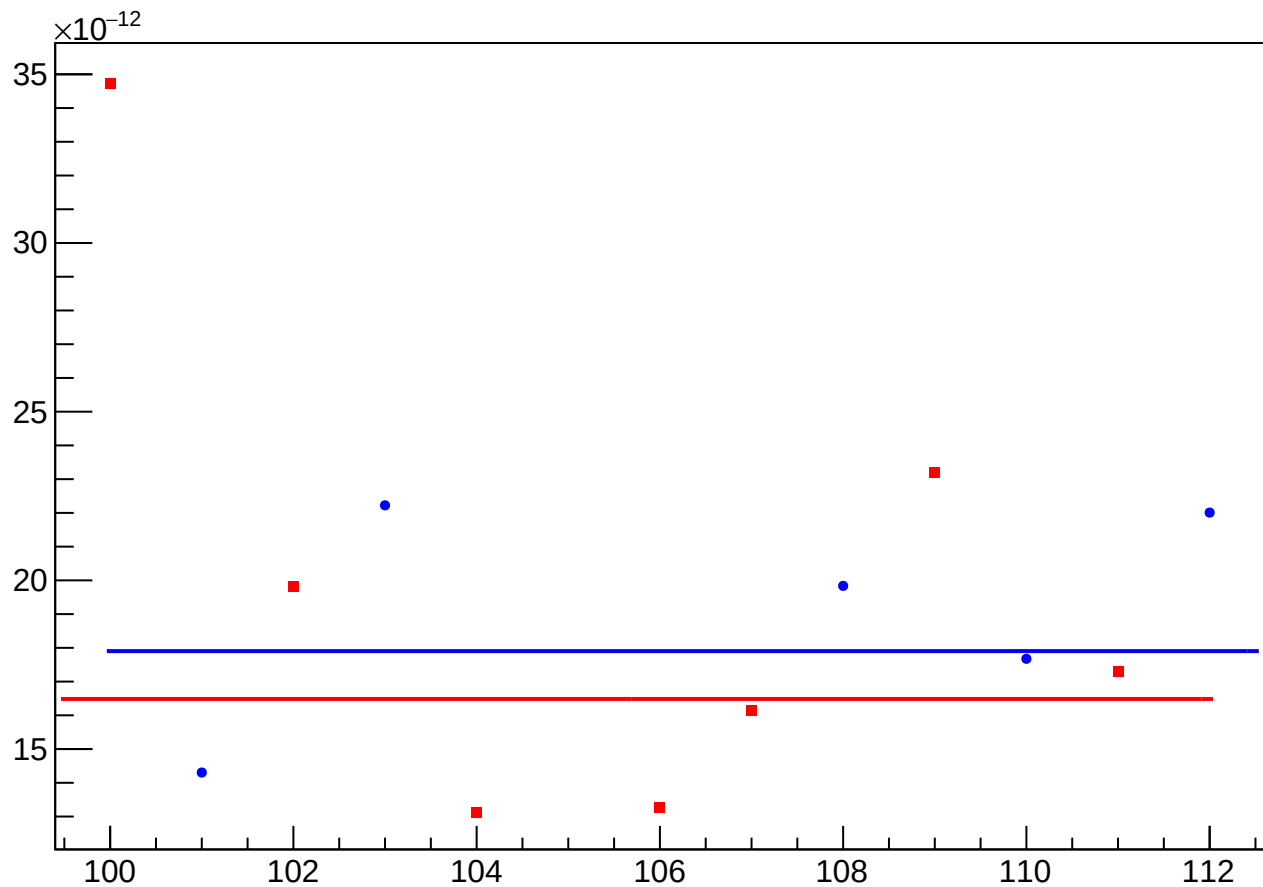
Right: -0.000+/-0.000 χ^2/NDF : 14.1/11

In: -0.000+/-0.000 χ^2/NDF : 7.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.1/11

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 129985.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 207265.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

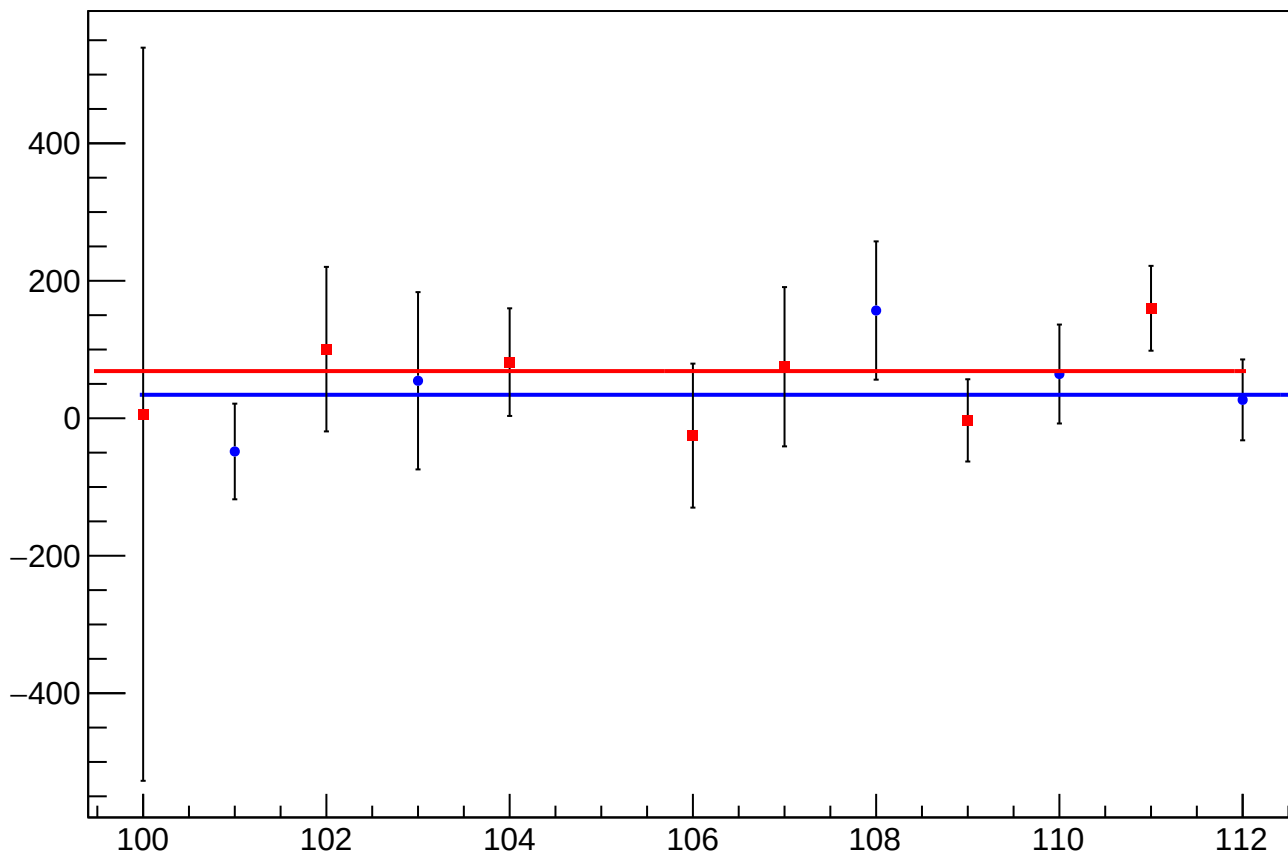
Right: 0.000+/-0.000 χ^2/NDF : 350309.3/11

In: 0.000+/-0.000 χ^2/NDF : 129985.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 350309.3/11

reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 34.158+/-34.350 χ^2/NDF : 3.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.642+/-32.548 χ^2/NDF : 4.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

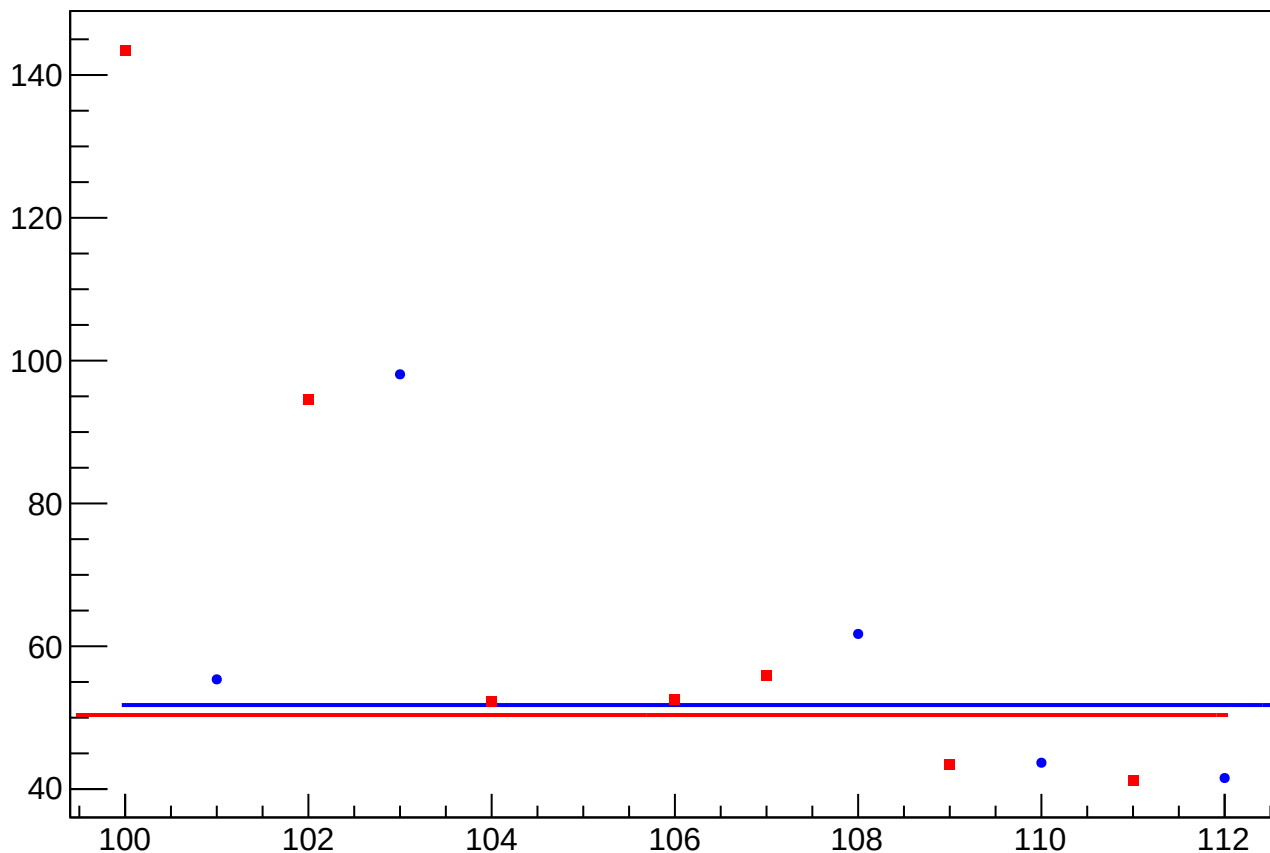
Right: 52.328+/-23.626 χ^2/NDF : 8.2/11

In: 34.158+/-34.350 χ^2/NDF : 3.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.328+/-23.626 χ^2/NDF : 8.2/11

reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 51.769+/-0.024 χ^2/NDF : 368419.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.374+/-0.023 χ^2/NDF : 410419.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

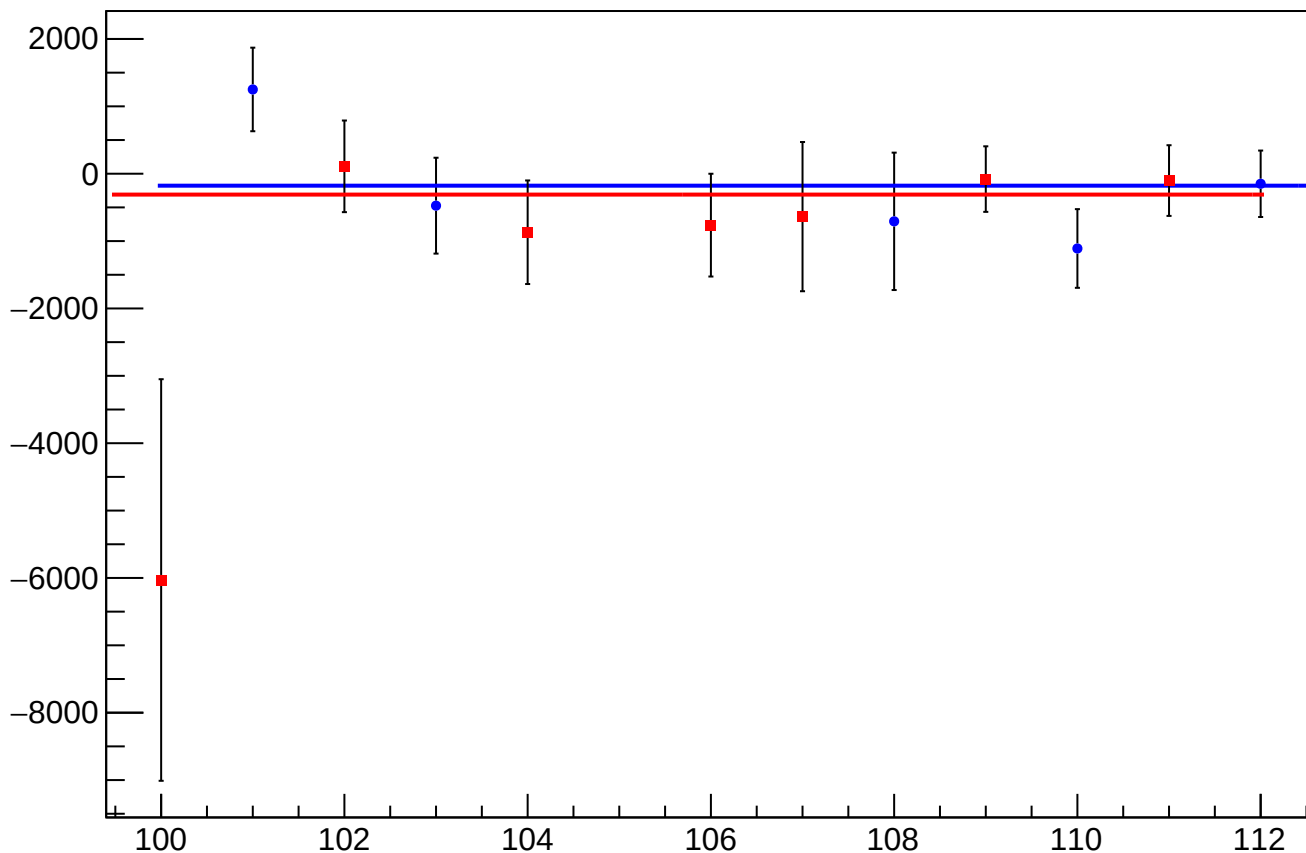
Right: 51.034+/-0.017 χ^2/NDF : 780576.2/11

In: 51.769+/-0.024 χ^2/NDF : 368419.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.034+/-0.017 χ^2/NDF : 780576.2/11

asym_sam_15_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -177.536+/-281.905 χ^2 /NDF: 8.3/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -309.861+/-263.876 χ^2 /NDF: 5.4/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

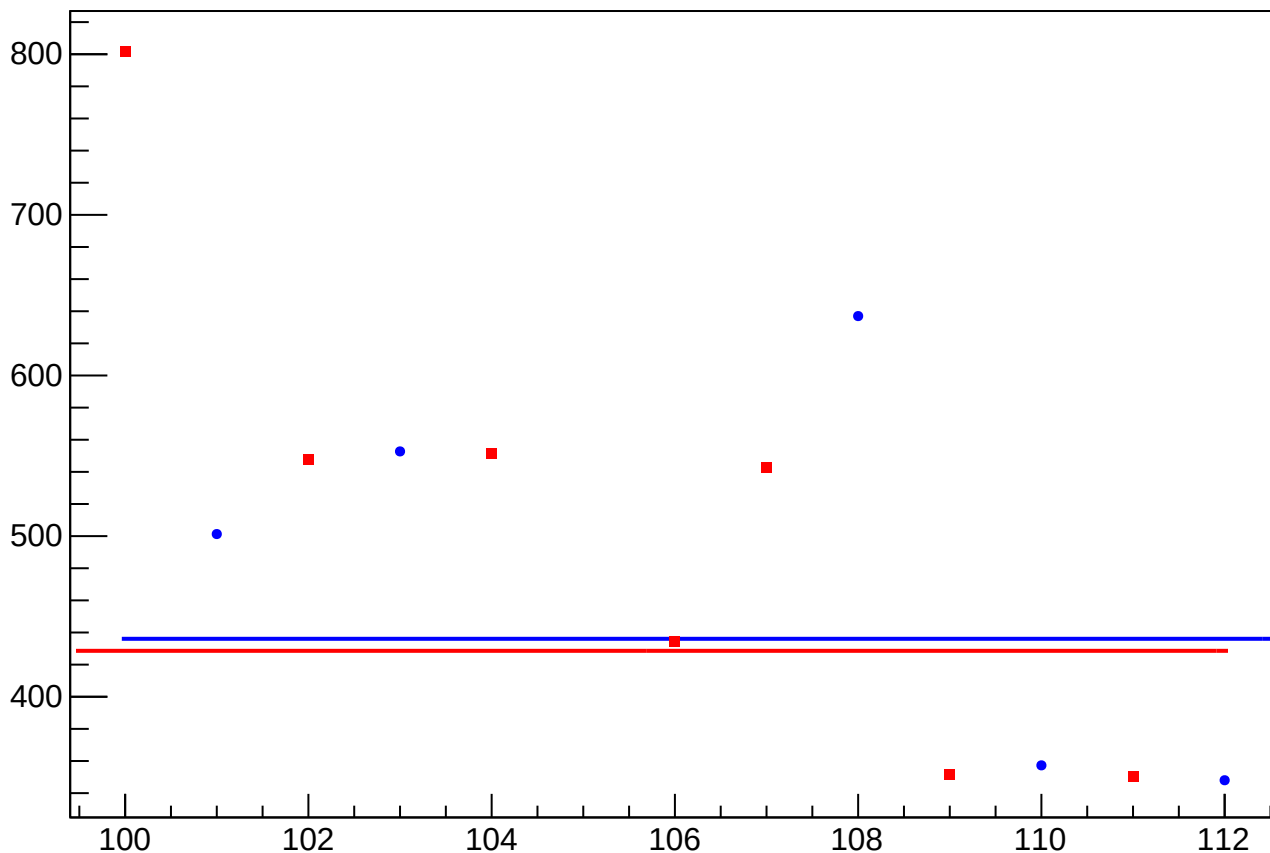
Right: -248.065+/-192.647 χ^2 /NDF: 13.8/11

In: -177.536+/-281.905 χ^2 /NDF:8.3/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -248.065+/-192.647 χ^2 /NDF: 13.8/11

asym_sam_15_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 436.080+/-0.199 χ^2/NDF : 253725.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 428.594+/-0.187 χ^2/NDF : 260245.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

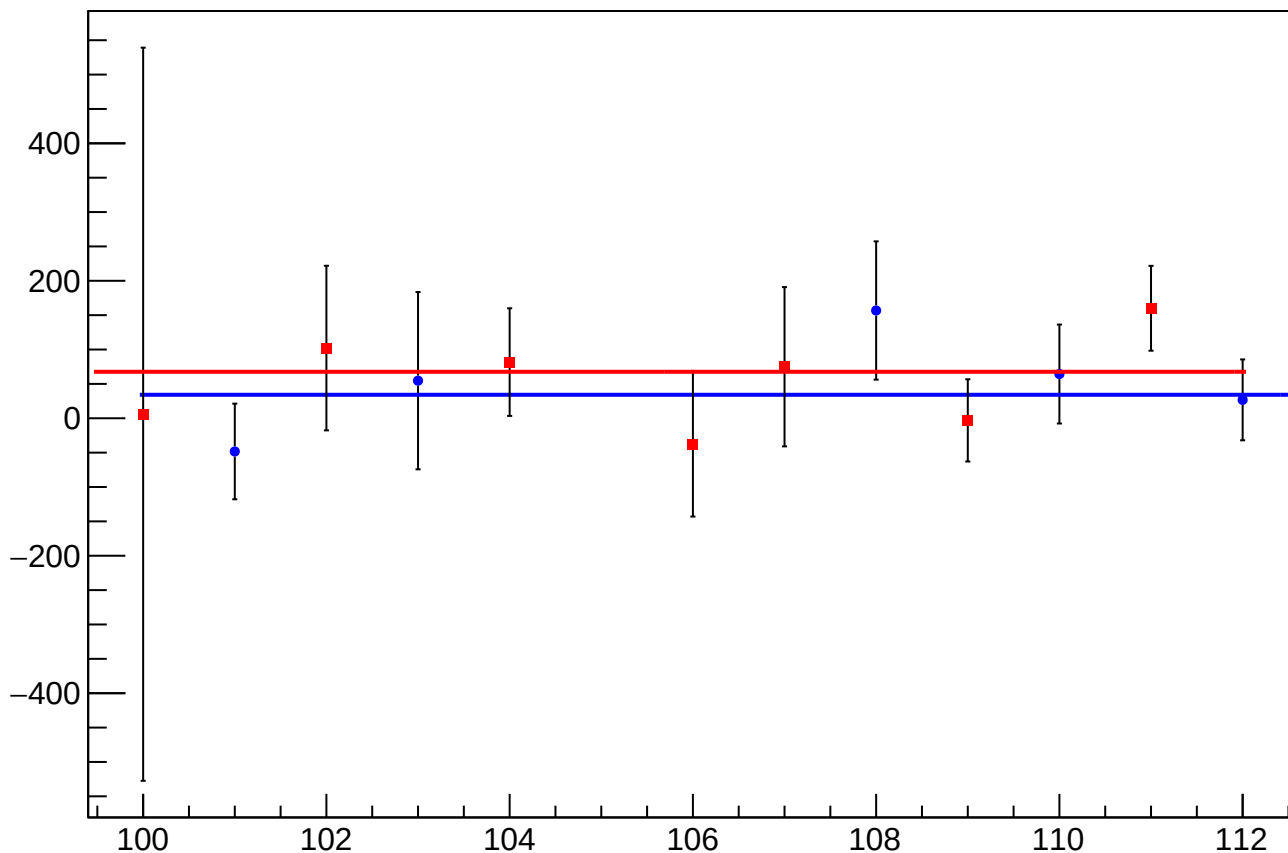
Right: 432.090+/-0.136 χ^2/NDF : 514722.6/11

In: 436.080+/-0.199 χ^2/NDF : 253725.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 432.090+/-0.136 χ^2/NDF : 514722.6/11

cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 34.174+/-34.350 χ^2/NDF : 3.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.643+/-32.563 χ^2/NDF : 4.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

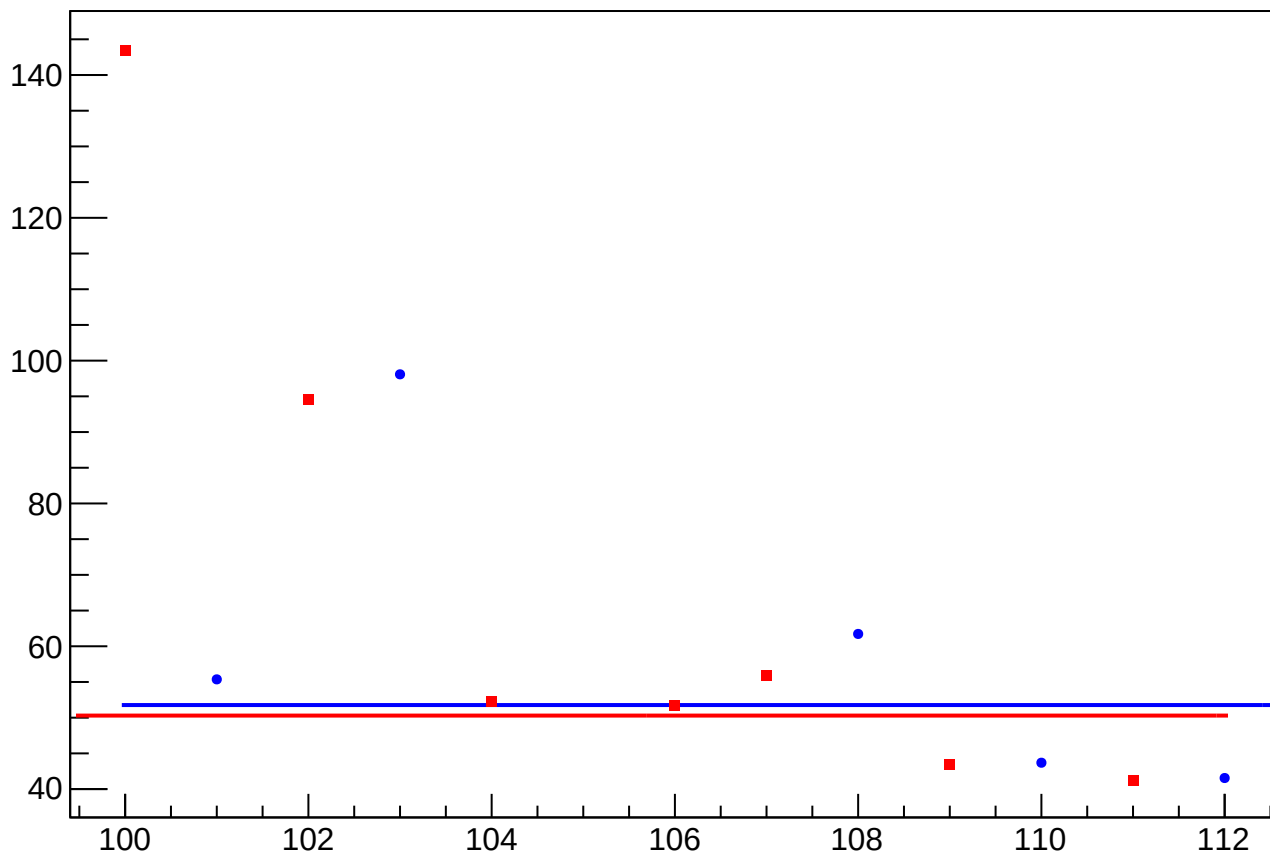
Right: 51.802+/-23.632 χ^2/NDF : 8.4/11

In: 34.174+/-34.350 χ^2/NDF : 3.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.802+/-23.632 χ^2/NDF : 8.4/11

cor_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 51.769+/-0.024 χ^2/NDF : 368422.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.294+/-0.023 χ^2/NDF : 410126.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

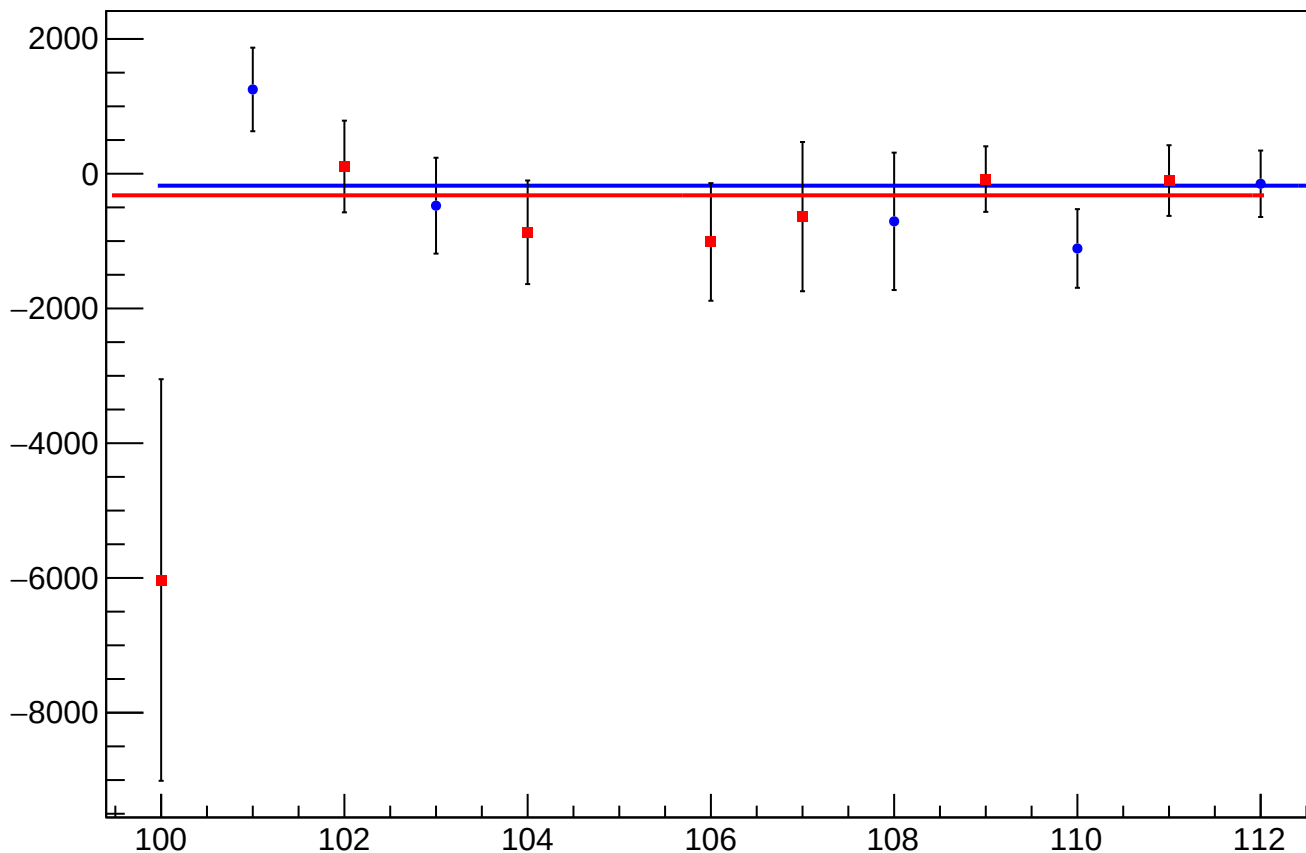
Right: 50.992+/-0.017 χ^2/NDF : 780490.3/11

In: 51.769+/-0.024 χ^2/NDF : 368422.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.992+/-0.017 χ^2/NDF : 780490.3/11

asym_sam_15_37_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -177.537+/-281.909 χ^2/NDF : 8.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -320.676+/-267.722 χ^2/NDF : 5.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

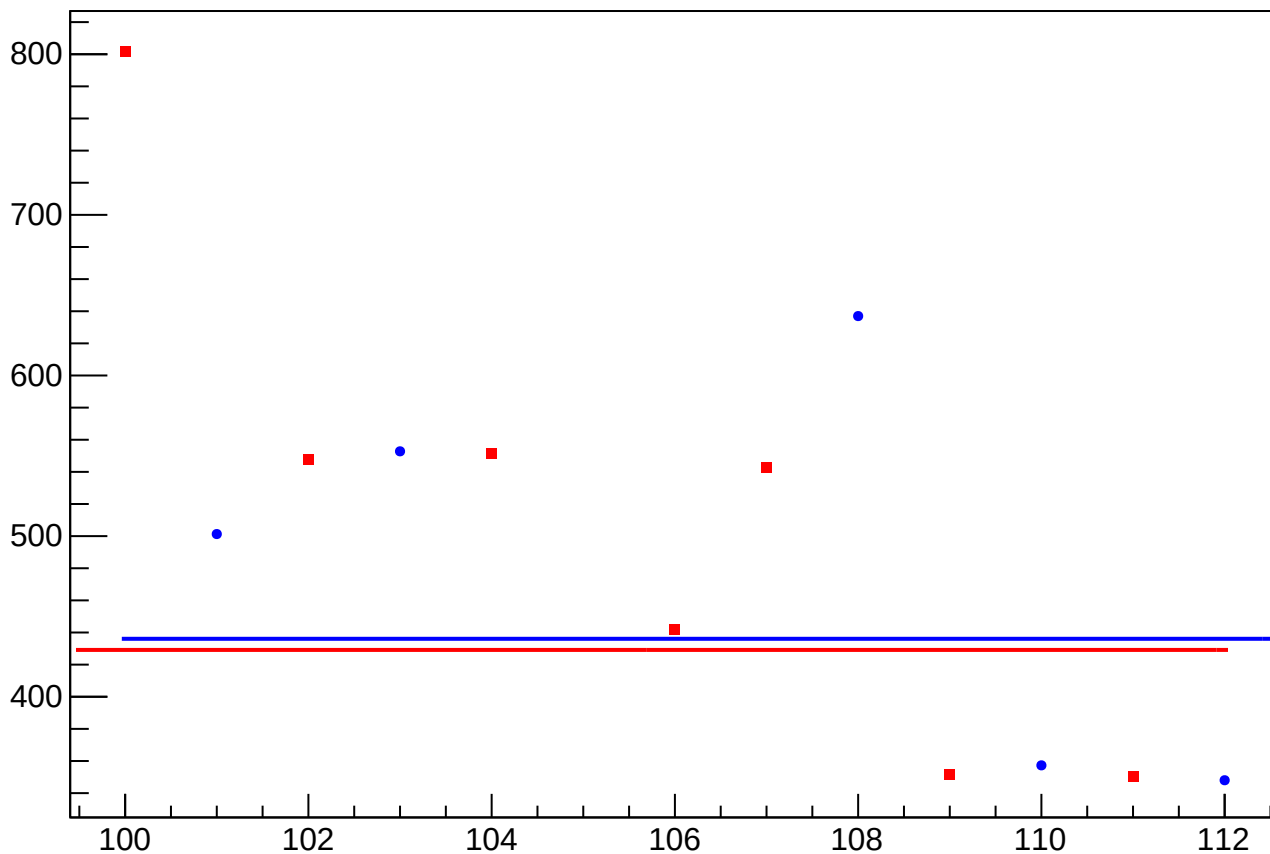
Right: -252.799+/-194.130 χ^2/NDF : 14.1/11

In: -177.537+/-281.909 χ^2/NDF : 8.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -252.799+/-194.130 χ^2/NDF : 14.1/11

asym_sam_15_37_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 436.084+/-0.199 χ^2/NDF : 253765.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 429.154+/-0.189 χ^2/NDF : 260885.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

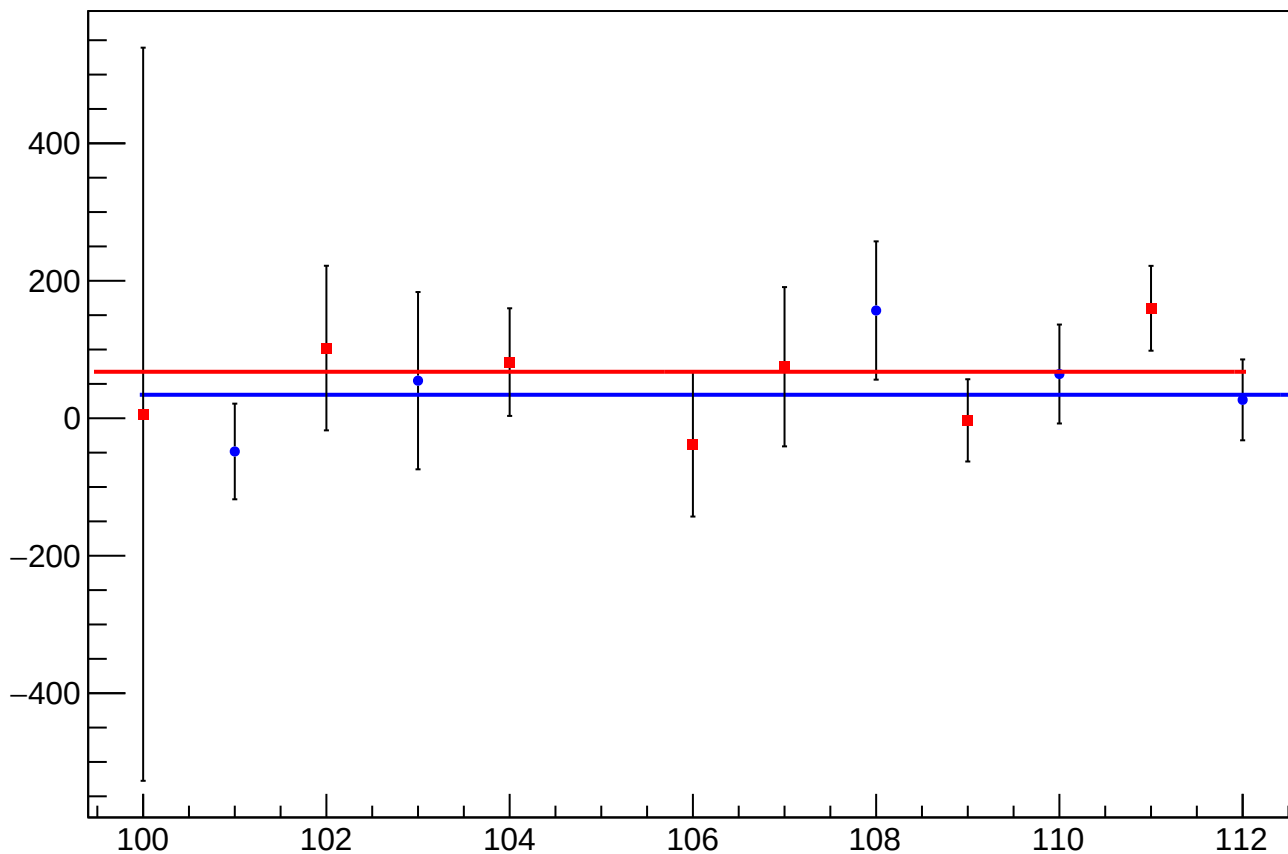
Right: 432.440+/-0.137 χ^2/NDF : 515286.7/11

In: 436.084+/-0.199 χ^2/NDF : 253765.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 432.440+/-0.137 χ^2/NDF : 515286.7/11

eigen_cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 34.174+/-34.350 χ^2/NDF : 3.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.643+/-32.563 χ^2/NDF : 4.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

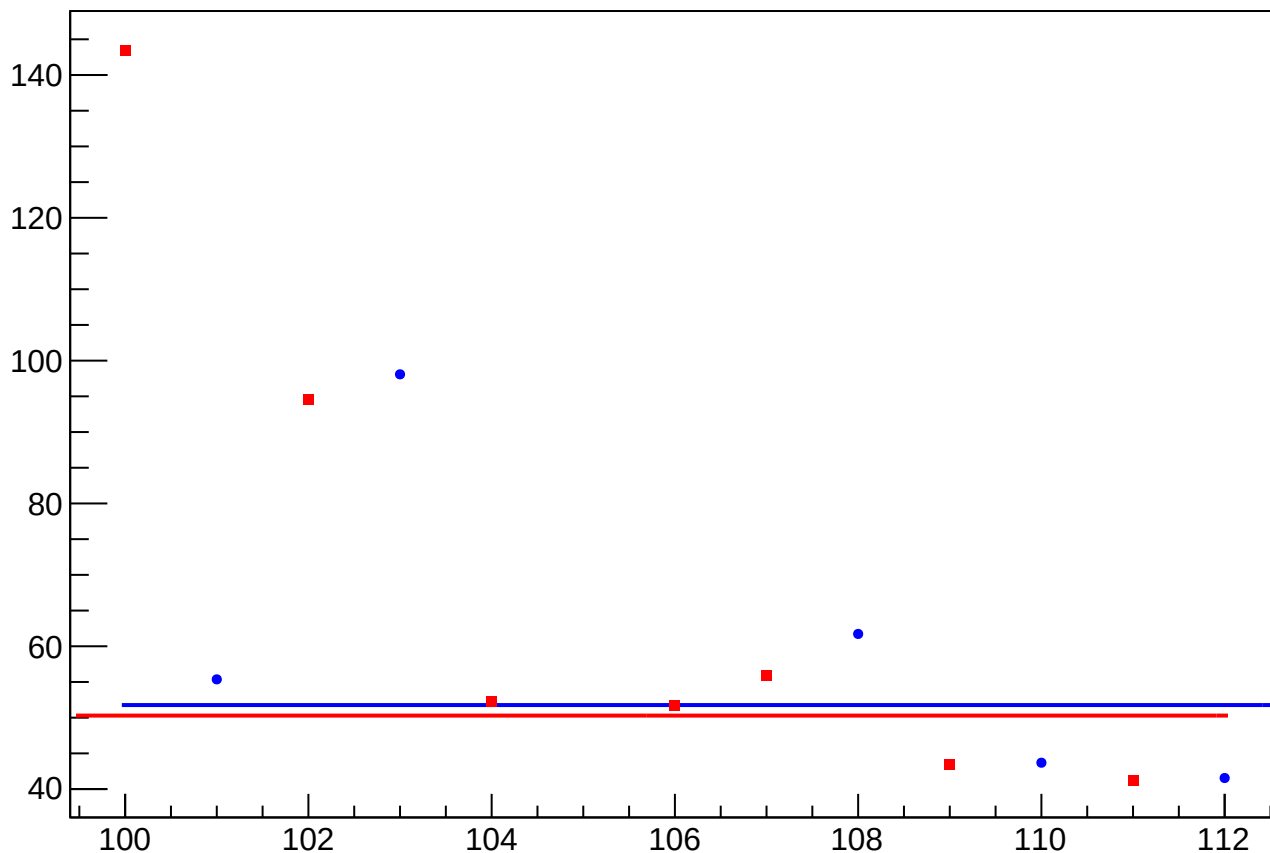
Right: 51.802+/-23.632 χ^2/NDF : 8.4/11

In: 34.174+/-34.350 χ^2/NDF : 3.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.802+/-23.632 χ^2/NDF : 8.4/11

eigen_cor_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 51.769+/-0.024 χ^2/NDF : 368422.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.294+/-0.023 χ^2/NDF : 410126.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

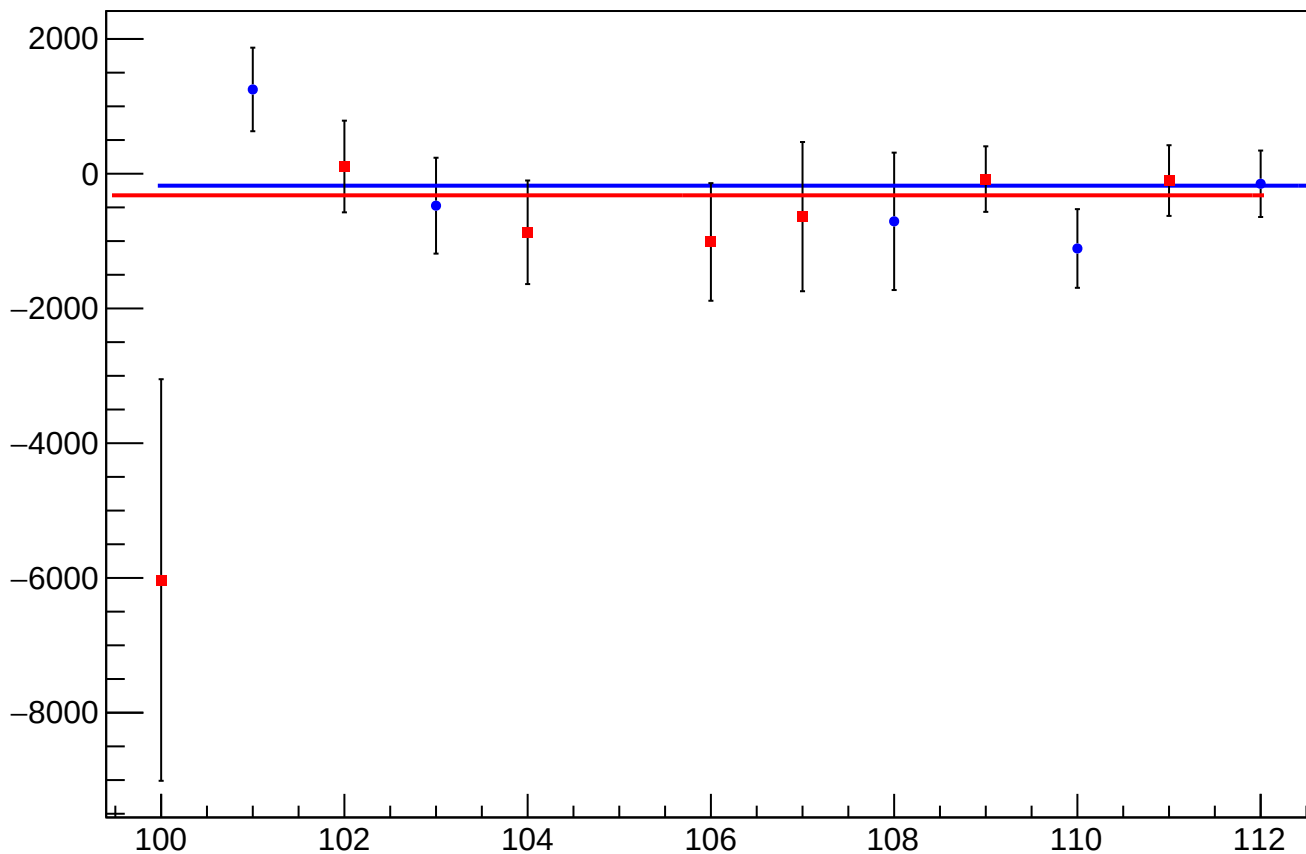
Right: 50.992+/-0.017 χ^2/NDF : 780490.3/11

In: 51.769+/-0.024 χ^2/NDF : 368422.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.992+/-0.017 χ^2/NDF : 780490.3/11

asym_sam_15_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -177.537+/-281.909 χ^2/NDF : 8.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -320.676+/-267.722 χ^2/NDF : 5.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

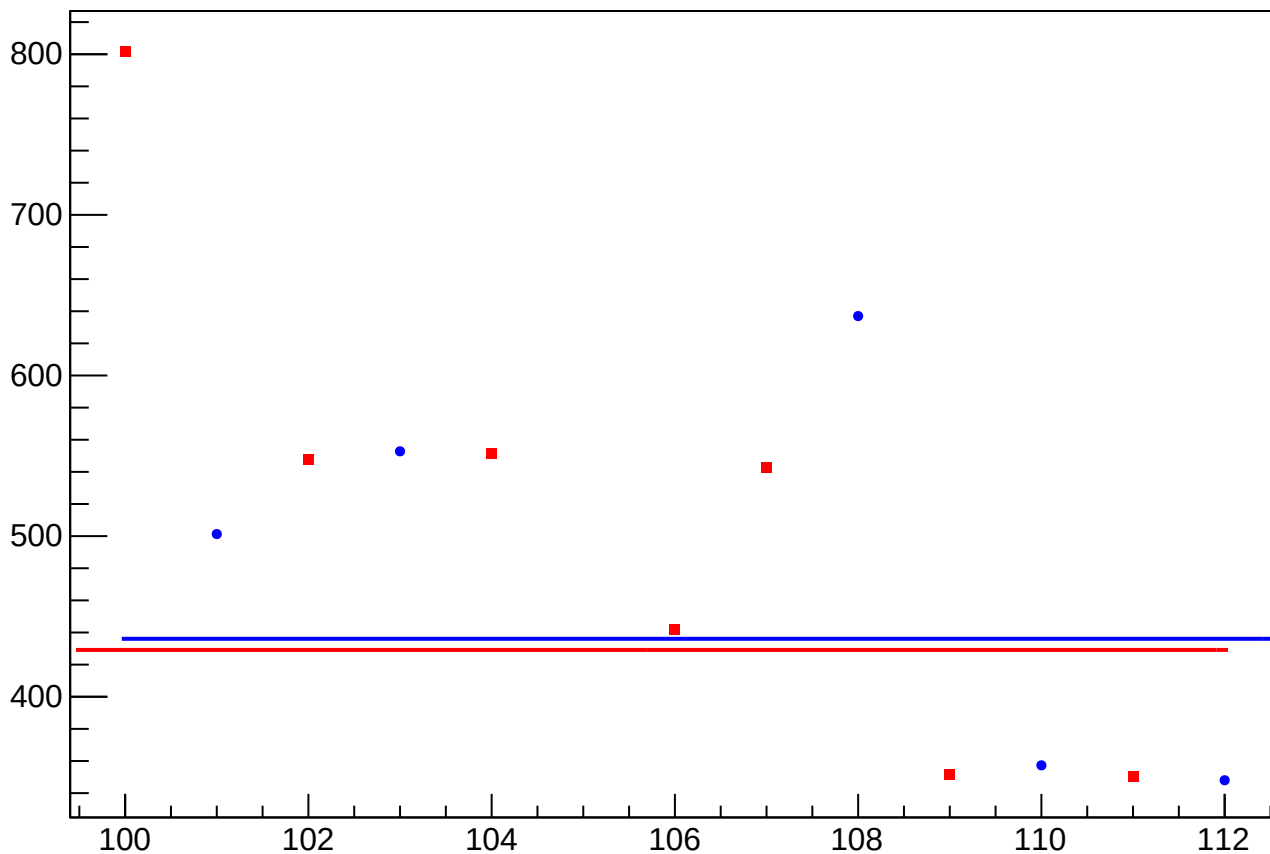
Right: -252.799+/-194.130 χ^2/NDF : 14.1/11

In: -177.537+/-281.909 χ^2/NDF : 8.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -252.799+/-194.130 χ^2/NDF : 14.1/11

asym_sam_15_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 436.084+/-0.199 χ^2/NDF : 253765.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 429.154+/-0.189 χ^2/NDF : 260885.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

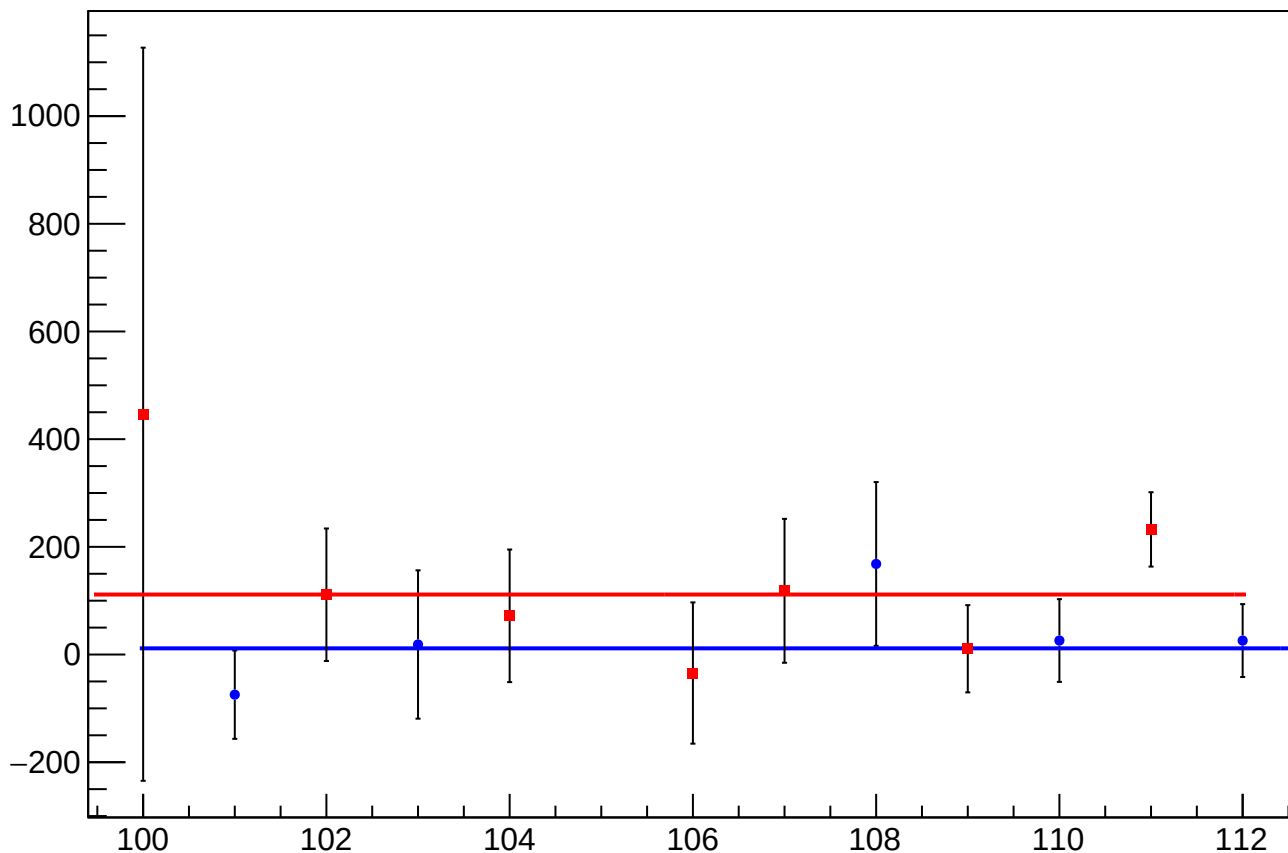
Right: 432.440+/-0.137 χ^2/NDF : 515286.7/11

In: 436.084+/-0.199 χ^2/NDF : 253765.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 432.440+/-0.137 χ^2/NDF : 515286.7/11

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 11.484 $\pm$ 39.787 χ^2 /NDF: 2.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 111.456 $\pm$ 40.477 χ^2 /NDF: 6.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

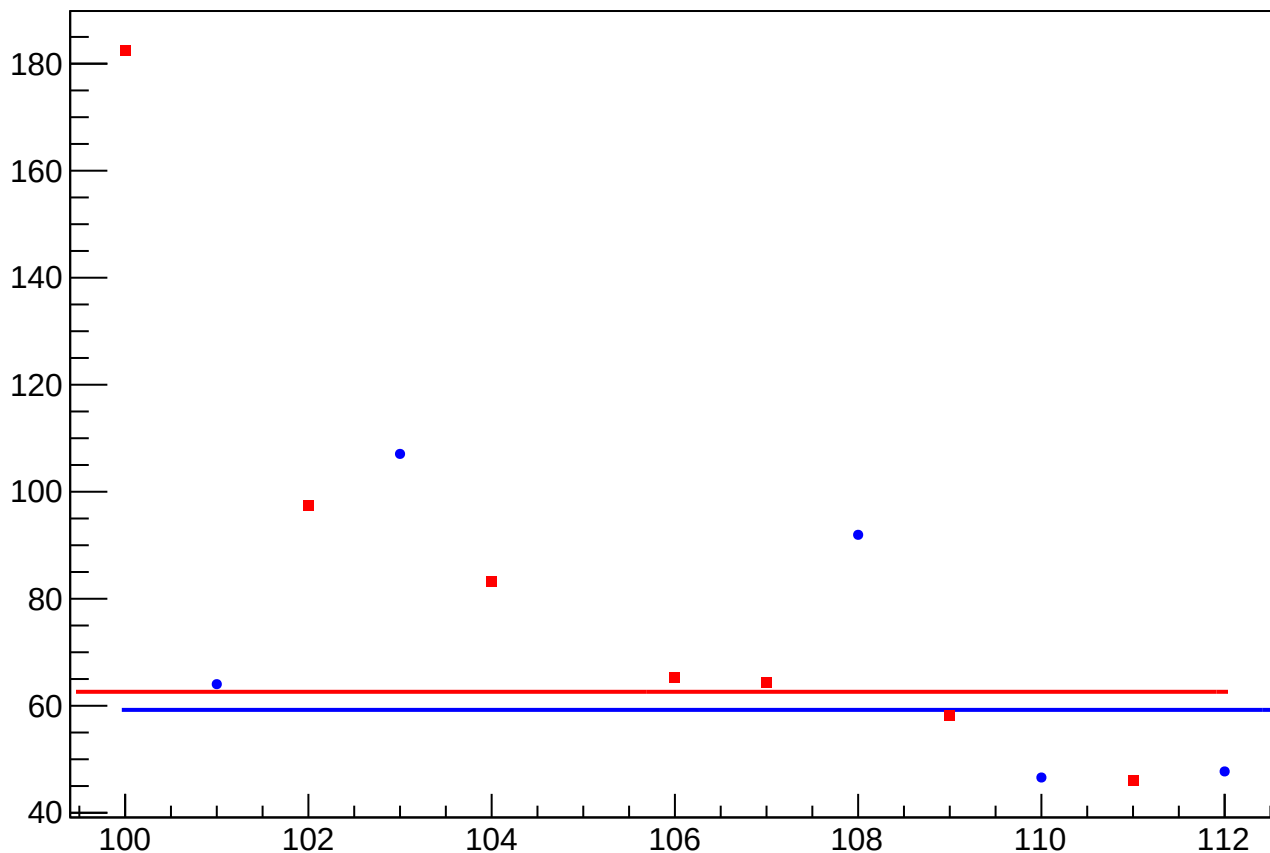
Right: 60.611 $\pm$ 28.374 χ^2 /NDF: 11.5/11

In: 11.484 $\pm$ 39.787 χ^2 /NDF:2.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 60.611 $\pm$ 28.374 χ^2 /NDF: 11.5/11

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 59.231+/-0.028 χ^2/NDF : 452341.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.611+/-0.029 χ^2/NDF : 400456.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

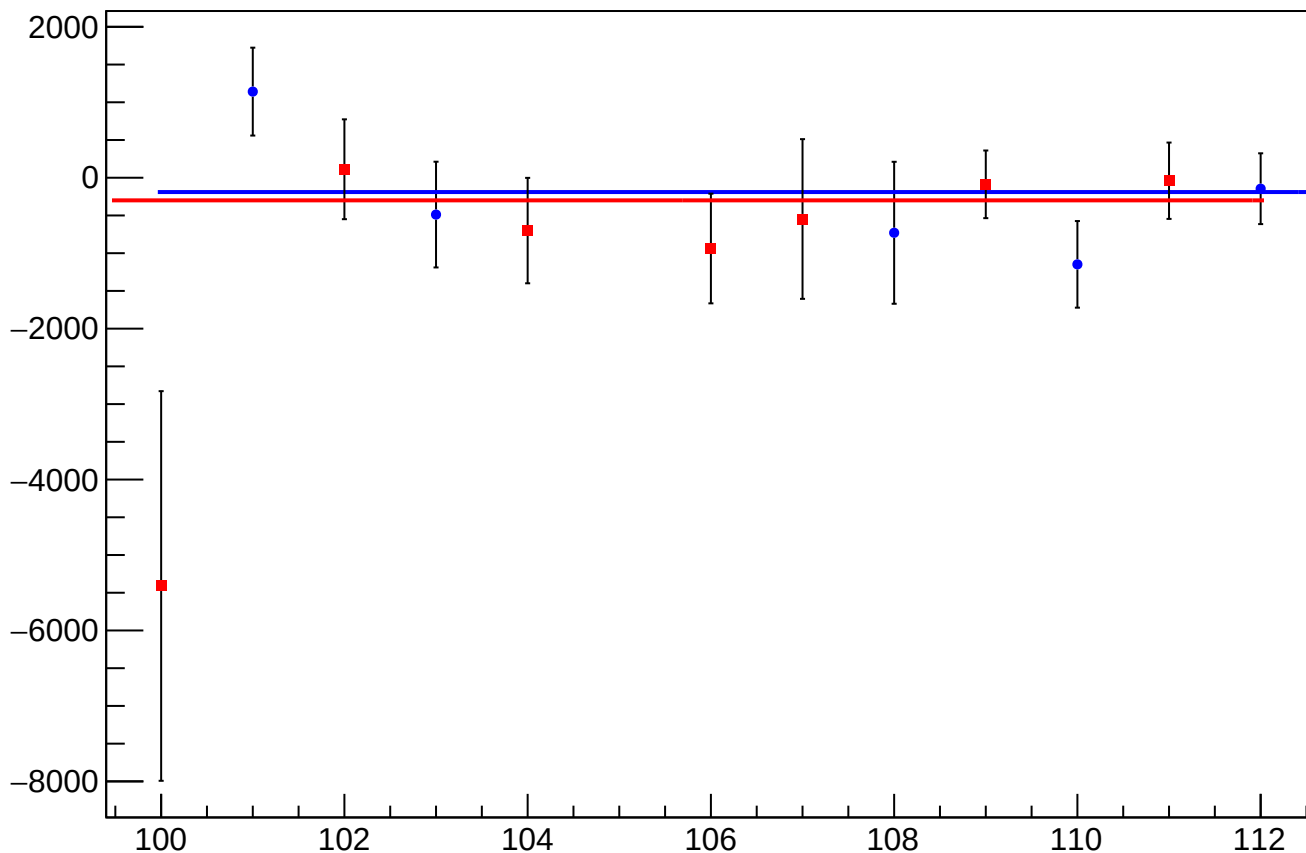
Right: 60.892+/-0.020 χ^2/NDF : 859890.2/11

In: 59.231+/-0.028 χ^2/NDF : 452341.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.892+/-0.020 χ^2/NDF : 859890.2/11

asym_sam_15_37_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -189.729+/-270.220 χ^2/NDF : 8.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -299.875+/-248.806 χ^2/NDF : 5.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

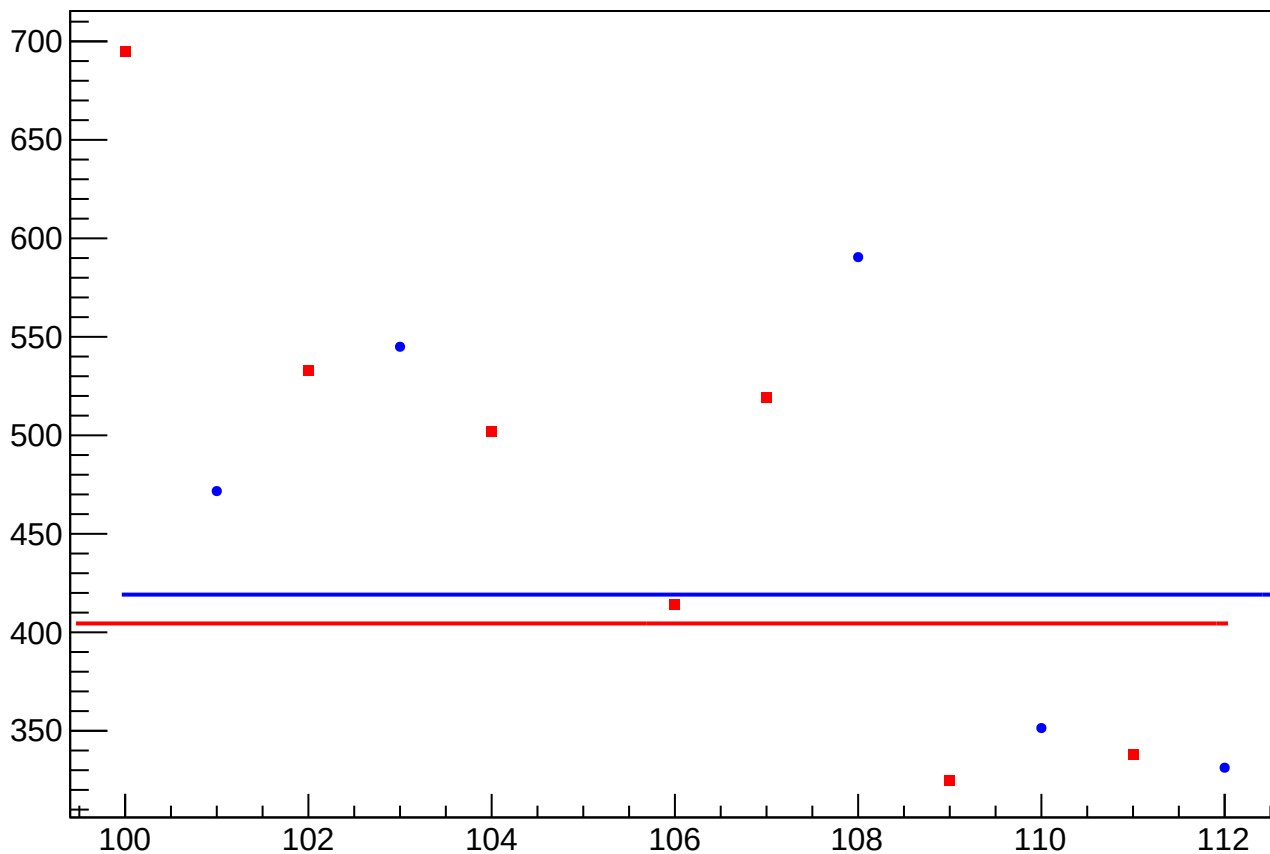
Right: -249.339+/-183.035 χ^2/NDF : 14.6/11

In: -189.729+/-270.220 χ^2/NDF : 8.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -249.339+/-183.035 χ^2/NDF : 14.6/11

asym_sam_15_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 419.146+/-0.191 χ^2/NDF : 245172.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 404.497+/-0.176 χ^2/NDF : 261038.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

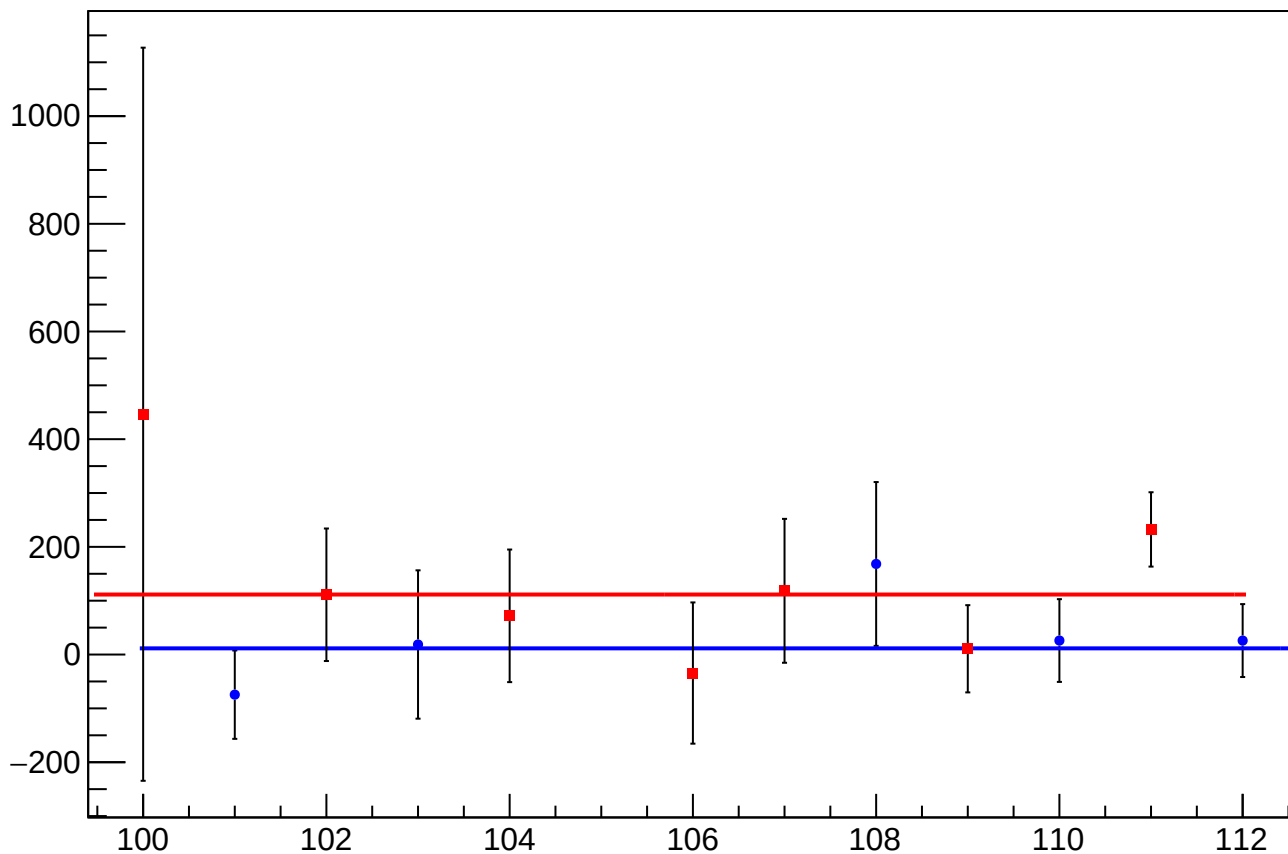
Right: 411.218+/-0.129 χ^2/NDF : 509392.4/11

In: 419.146+/-0.191 χ^2/NDF : 245172.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 411.218+/-0.129 χ^2/NDF : 509392.4/11

eigen_dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 11.484 $\pm$ 39.787 χ^2 /NDF: 2.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 111.457 $\pm$ 40.477 χ^2 /NDF: 6.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

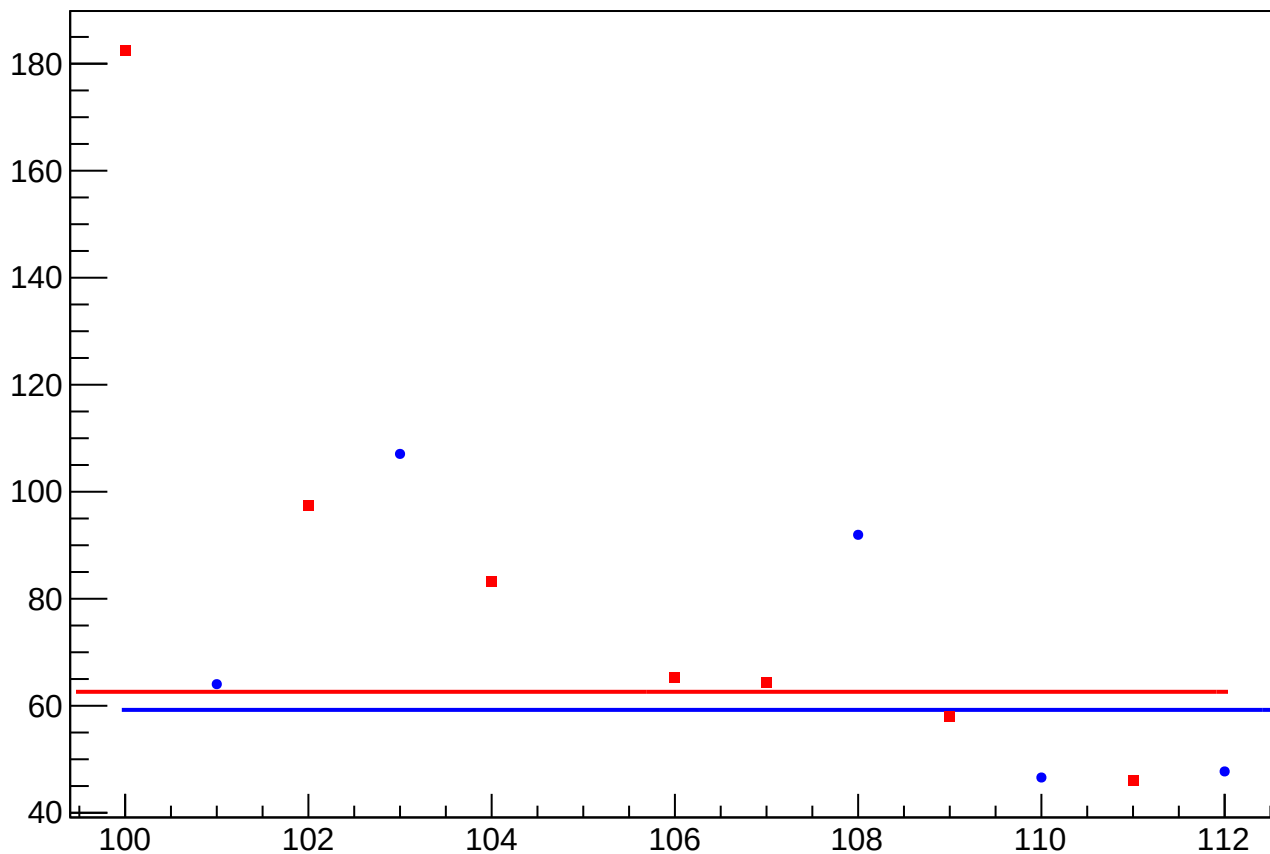
Right: 60.612 $\pm$ 28.375 χ^2 /NDF: 11.5/11

In: 11.484 $\pm$ 39.787 χ^2 /NDF:2.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 60.612 $\pm$ 28.375 χ^2 /NDF: 11.5/11

eigen_dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 59.232+/-0.028 χ^2/NDF : 452338.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.611+/-0.029 χ^2/NDF : 400455.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

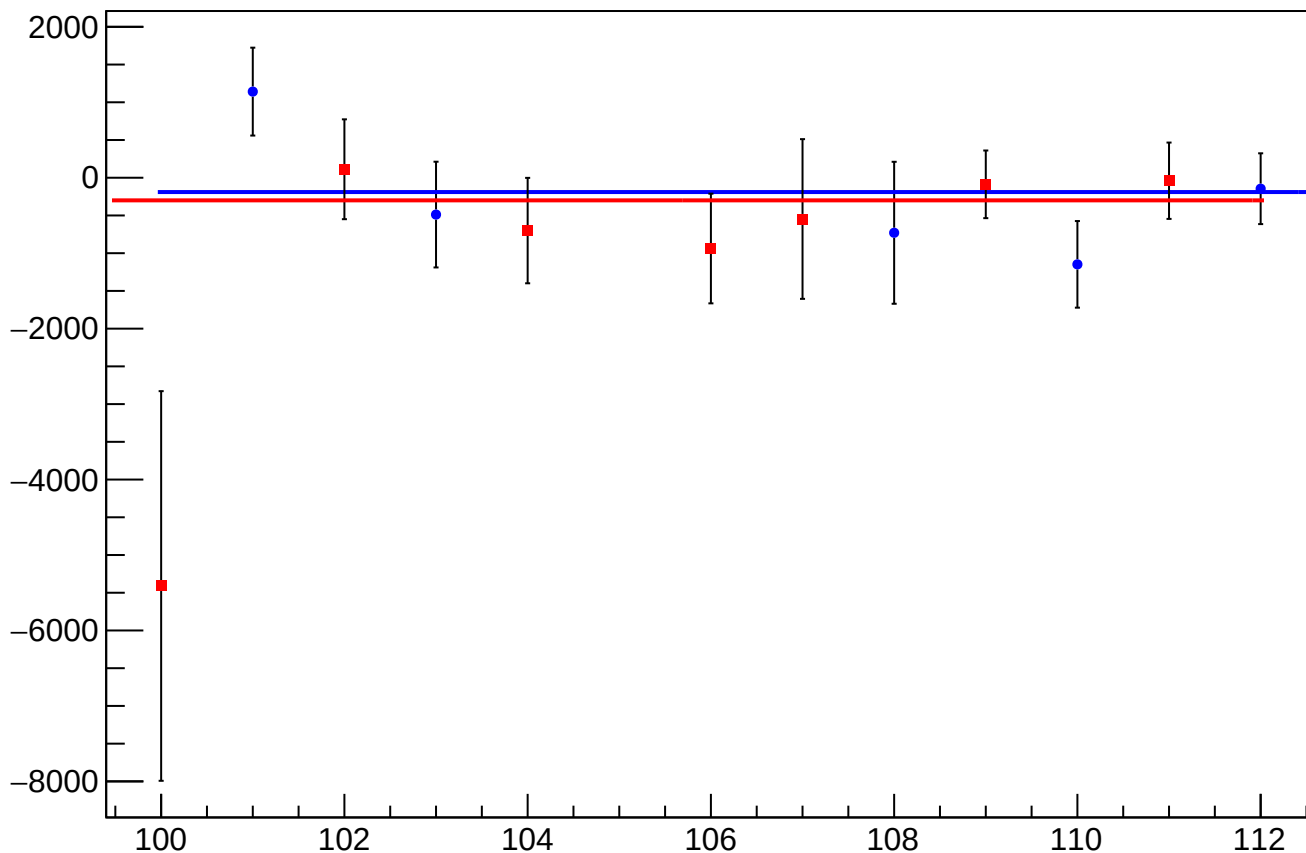
Right: 60.893+/-0.020 χ^2/NDF : 859885.5/11

In: 59.232+/-0.028 χ^2/NDF : 452338.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.893+/-0.020 χ^2/NDF : 859885.5/11

asym_sam_15_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -189.728+/-270.219 χ^2 /NDF: 8.5/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -299.874+/-248.806 χ^2 /NDF: 5.9/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

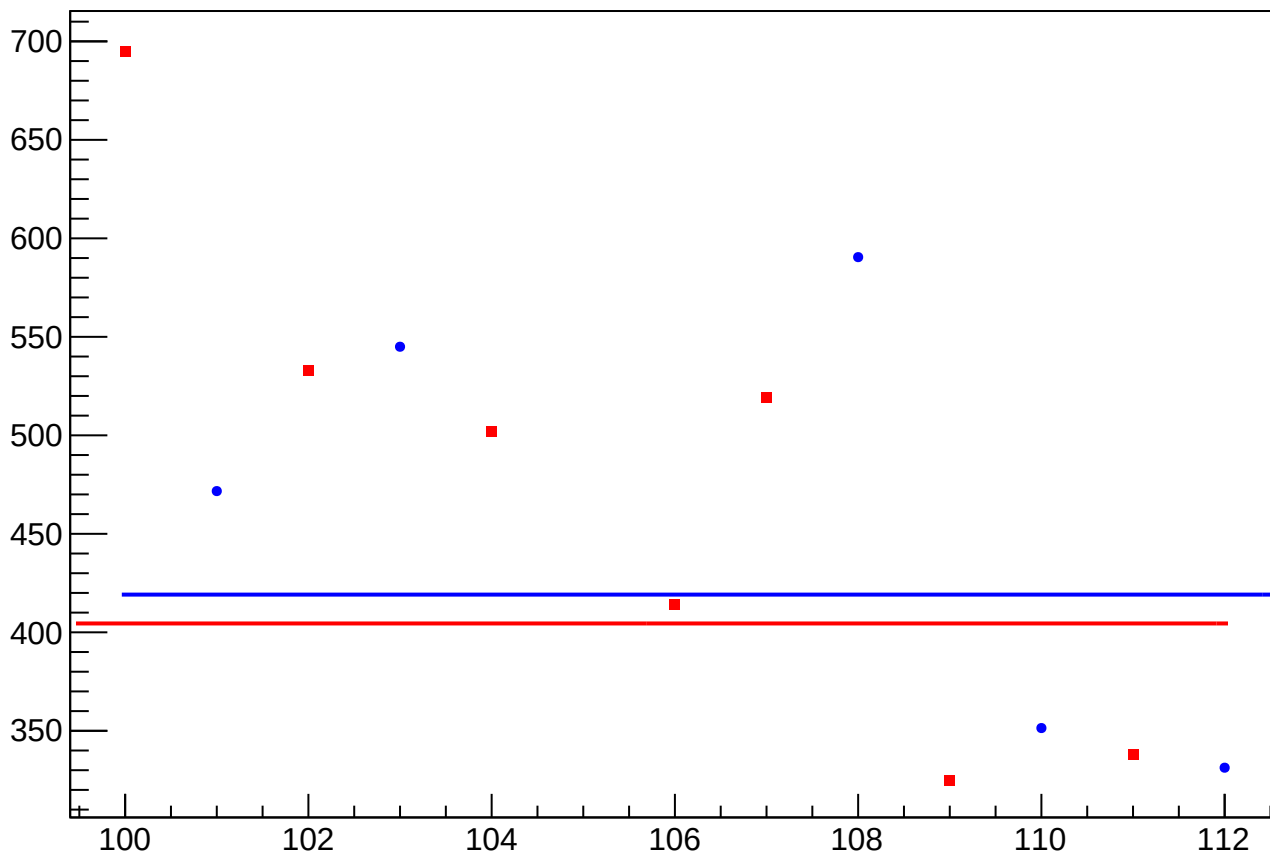
Right: -249.338+/-183.035 χ^2 /NDF: 14.6/11

In: -189.728+/-270.219 χ^2 /NDF:8.5/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -249.338+/-183.035 χ^2 /NDF: 14.6/11

asym_sam_15_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 419.145+/-0.191 χ^2/NDF : 245171.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 404.496+/-0.176 χ^2/NDF : 261036.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

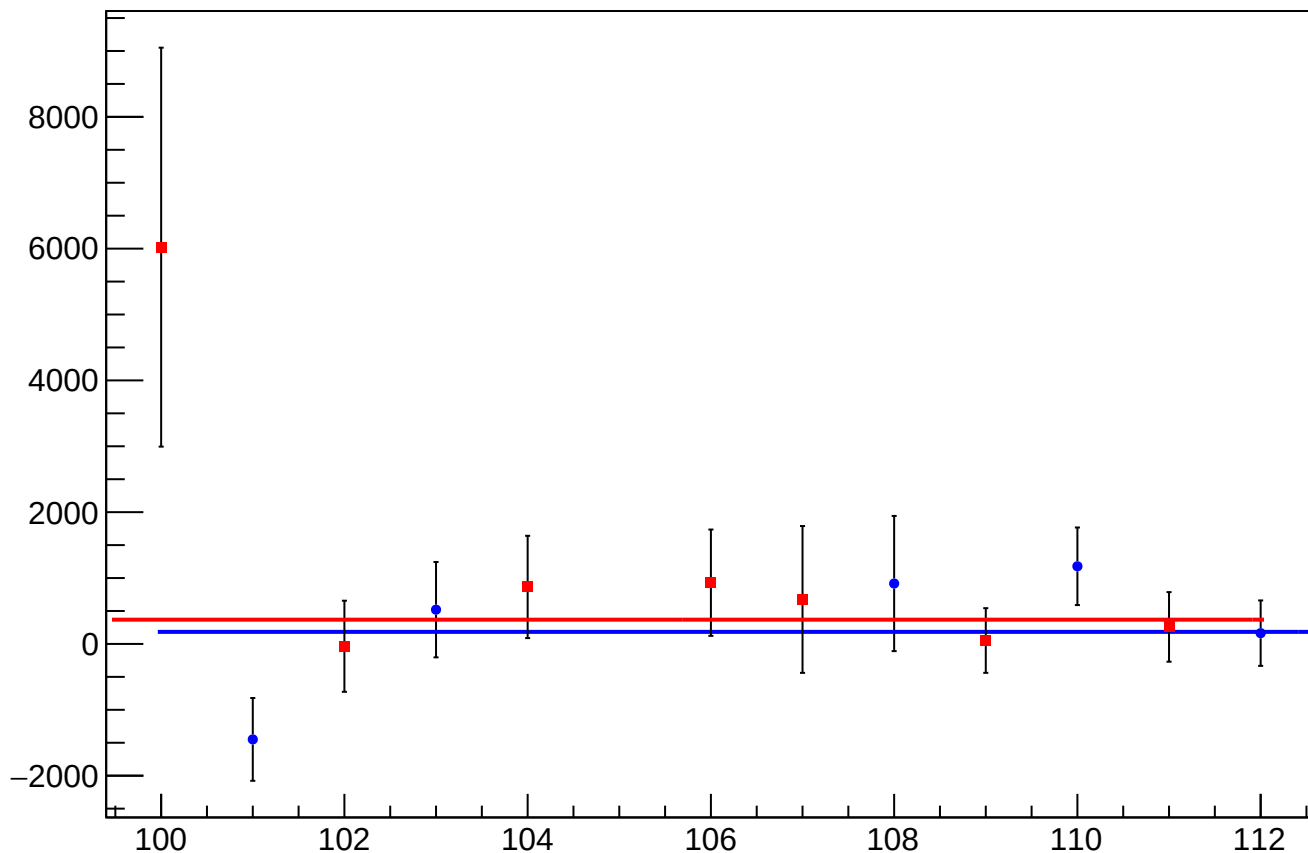
Right: 411.217+/-0.129 χ^2/NDF : 509389.4/11

In: 419.145+/-0.191 χ^2/NDF : 245171.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 411.217+/-0.129 χ^2/NDF : 509389.4/11

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 182.991+/-284.774 χ^2/NDF : 10.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 368.230+/-267.869 χ^2/NDF : 5.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

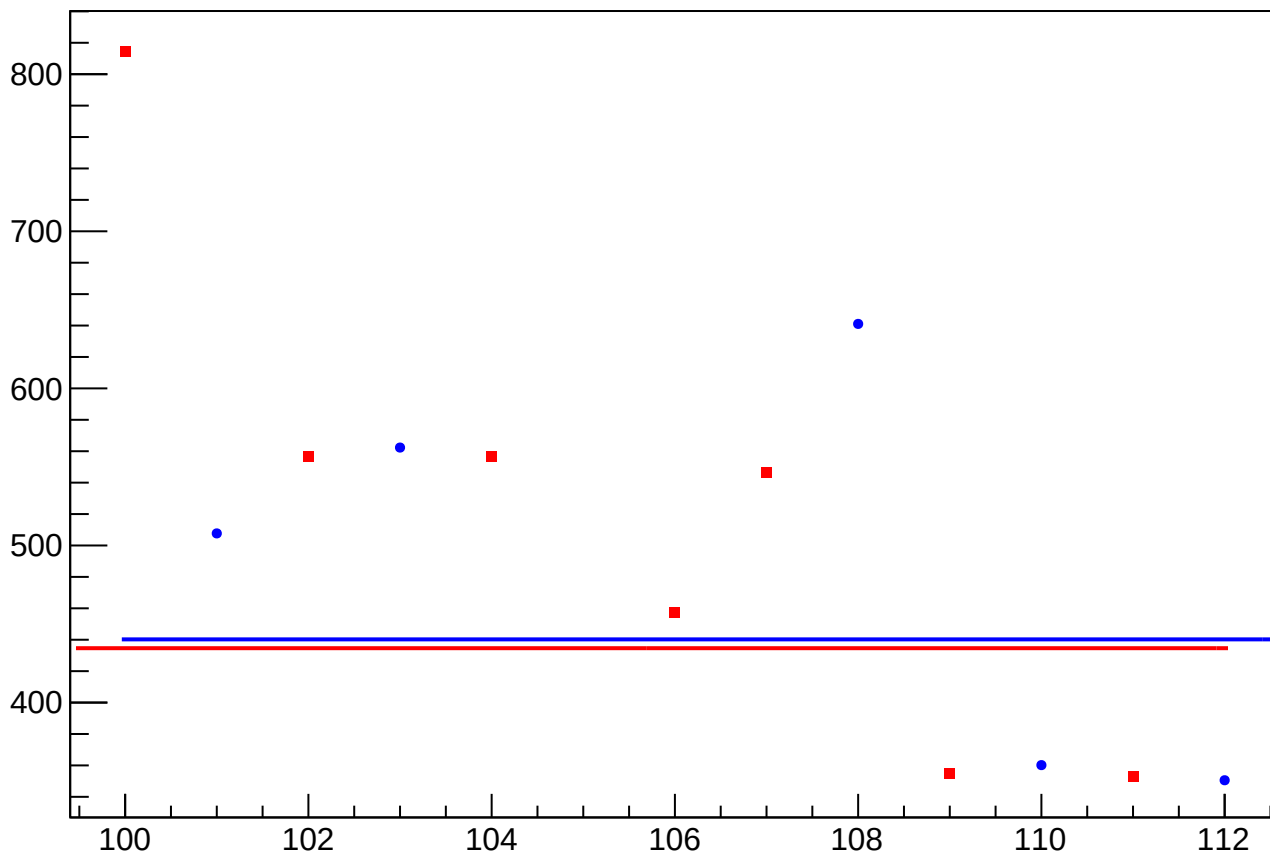
Right: 281.271+/-195.115 χ^2/NDF : 15.8/11

In: 182.991+/-284.774 χ^2/NDF : 10.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 281.271+/-195.115 χ^2/NDF : 15.8/11

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 440.231+/-0.201 χ^2/NDF : 258744.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 434.616+/-0.189 χ^2/NDF : 266345.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

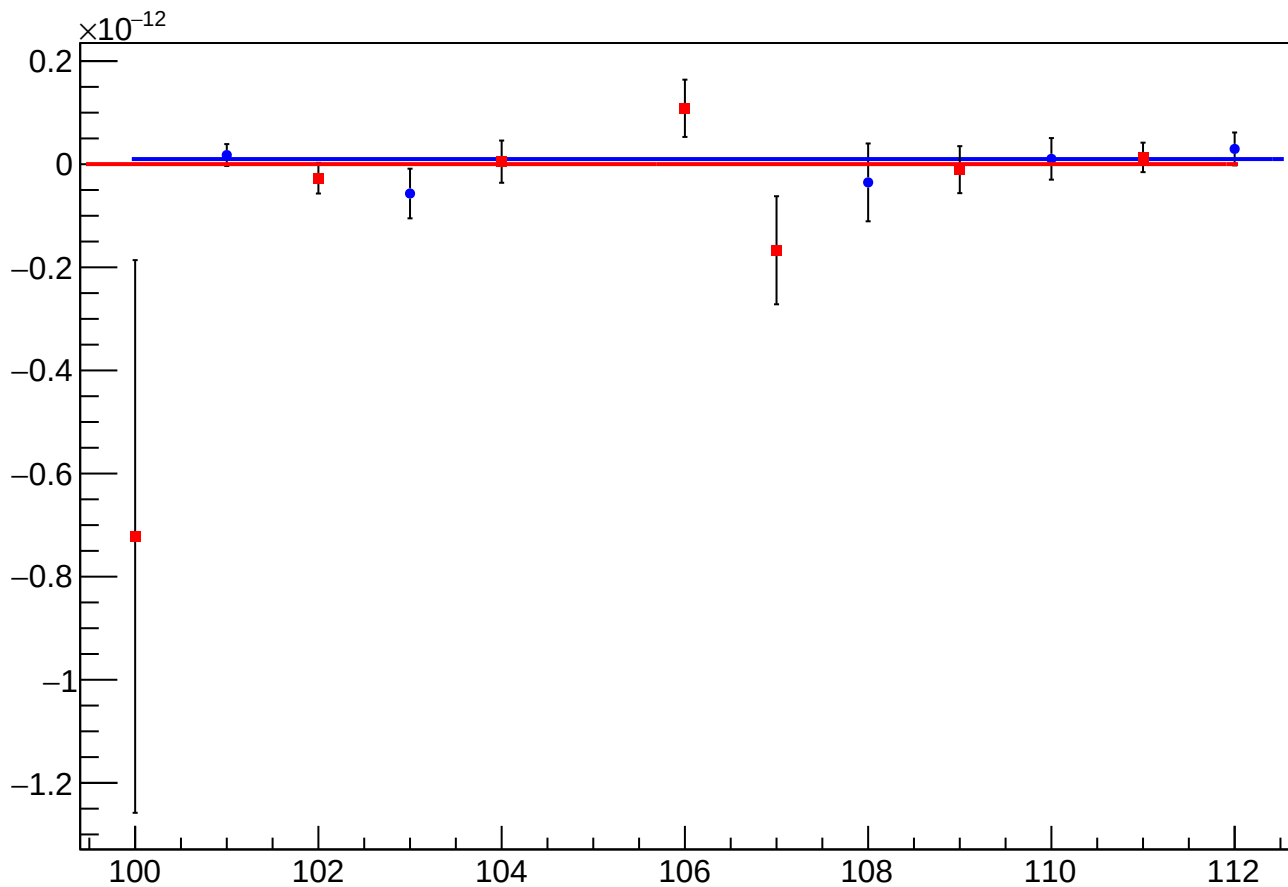
Right: 437.252+/-0.138 χ^2/NDF : 525502.4/11

In: 440.231+/-0.201 χ^2/NDF : 258744.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 437.252+/-0.138 χ^2/NDF : 525502.4/11

asym_sam_15_37_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

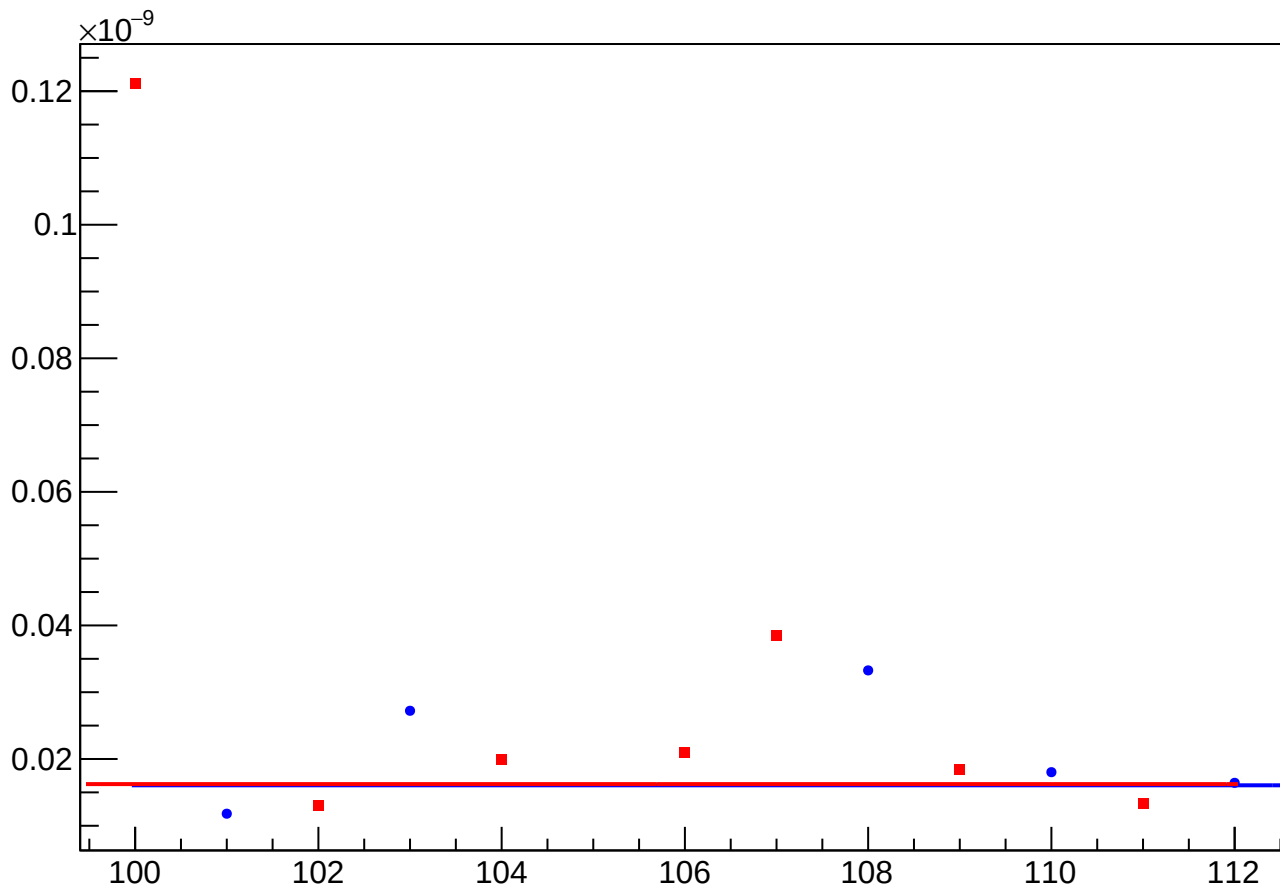
Right: 0.000+/-0.000 χ^2/NDF : 12.3/11

In: 0.000+/-0.000 χ^2/NDF : 2.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.3/11

asym_sam_15_37_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 296542.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 243983.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

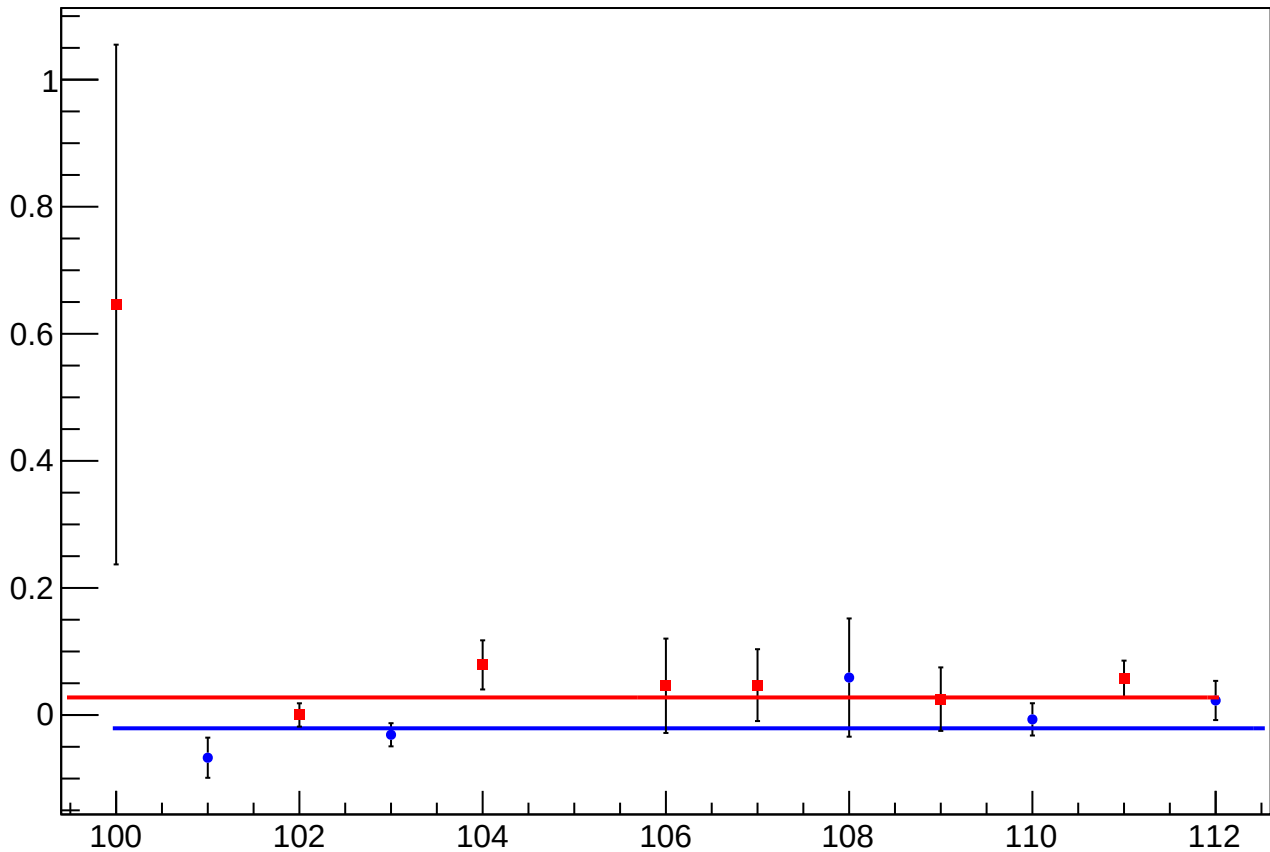
Right: 0.000+/-0.000 χ^2/NDF : 540659.0/11

In: 0.000+/-0.000 χ^2/NDF : 296542.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 540659.0/11

asym_sam_15_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 $\pm$ 0.012 χ^2 /NDF: 5.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.028 $\pm$ 0.013 χ^2 /NDF: 7.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

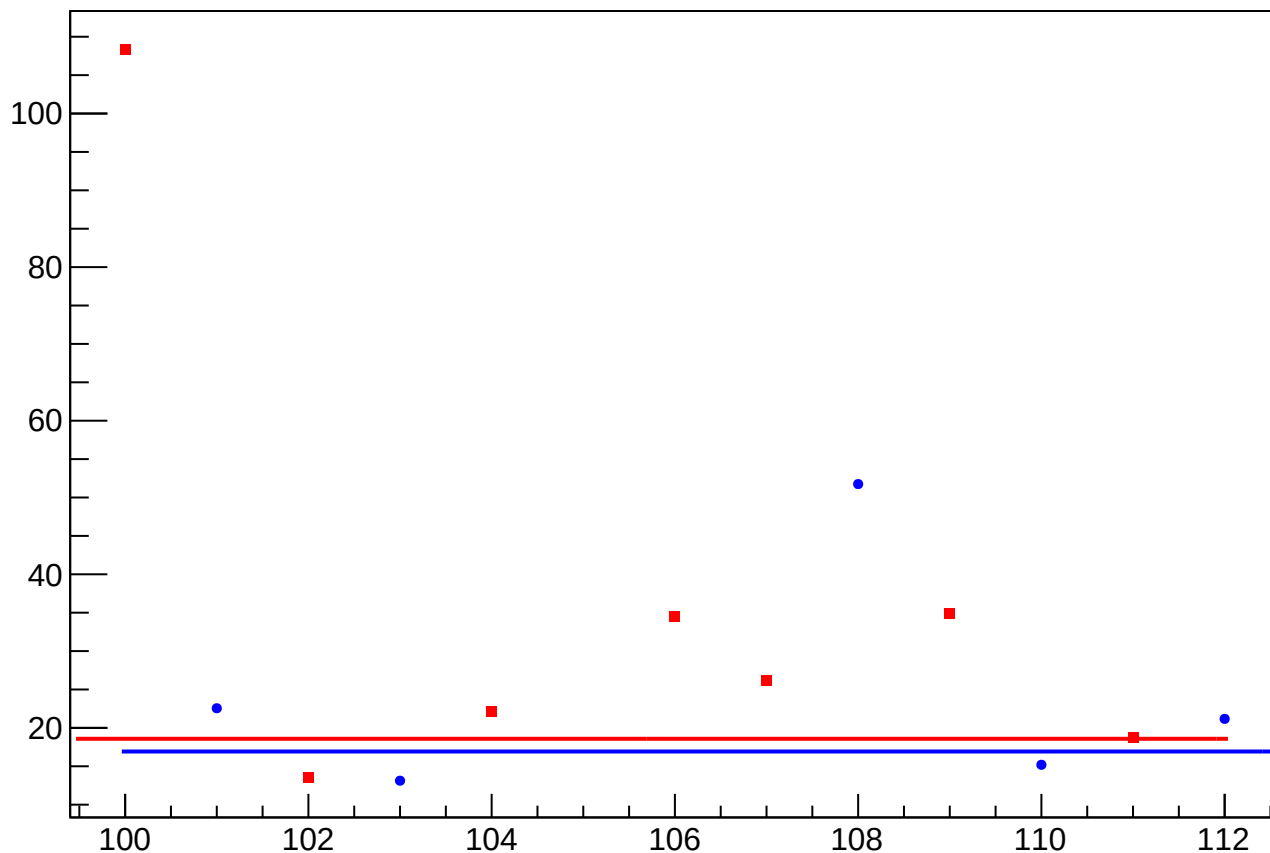
Right: 0.001 $\pm$ 0.009 χ^2 /NDF: 20.4/11

In: -0.021 $\pm$ 0.012 χ^2 /NDF:5.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.009 χ^2 /NDF: 20.4/11

asym_sam_15_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 16.923+/-0.009 χ^2/NDF : 477977.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.580+/-0.009 χ^2/NDF : 600409.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

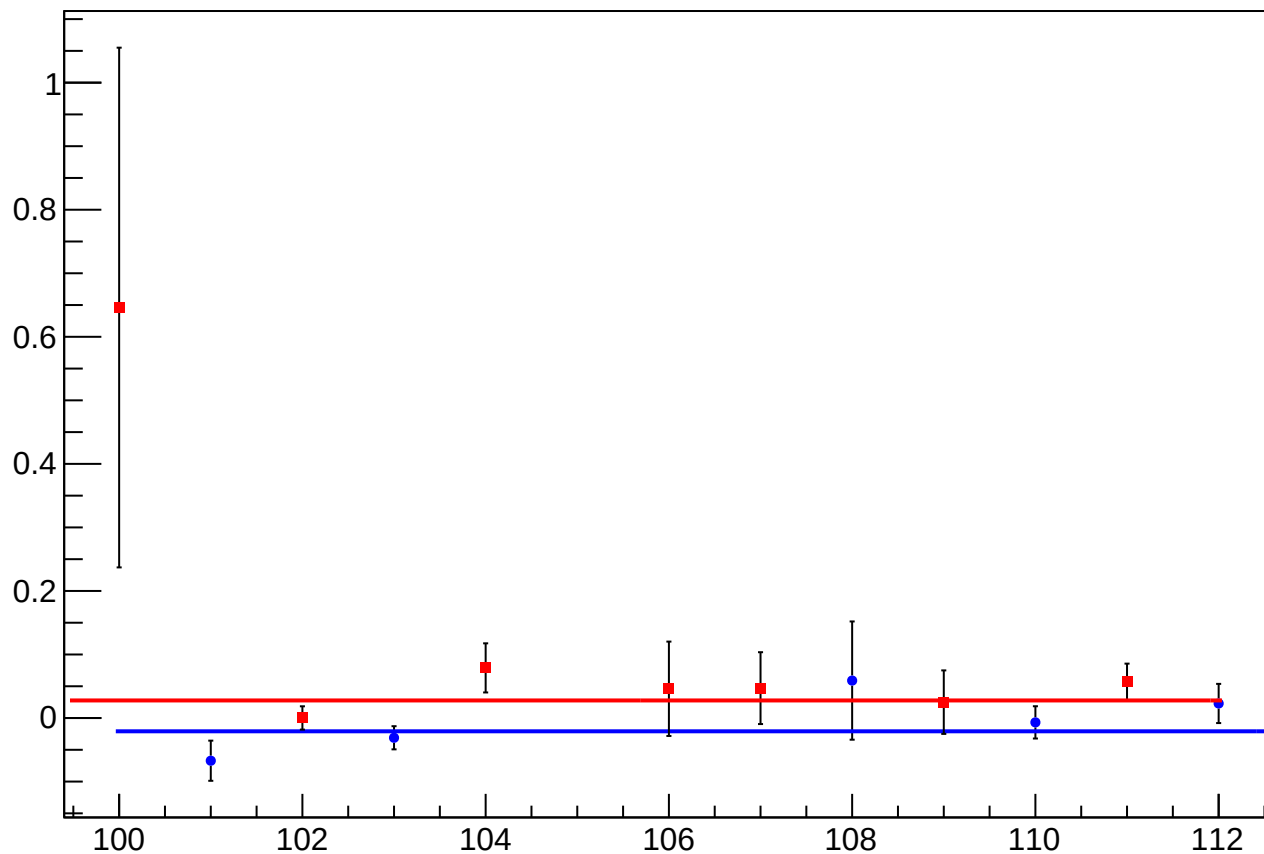
Right: 17.687+/-0.006 χ^2/NDF : 1095434.8/11

In: 16.923+/-0.009 χ^2/NDF : 477977.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.687+/-0.006 χ^2/NDF : 1095434.8/11

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 $\pm$ 0.012 χ^2 /NDF: 5.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.028 $\pm$ 0.013 χ^2 /NDF: 7.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

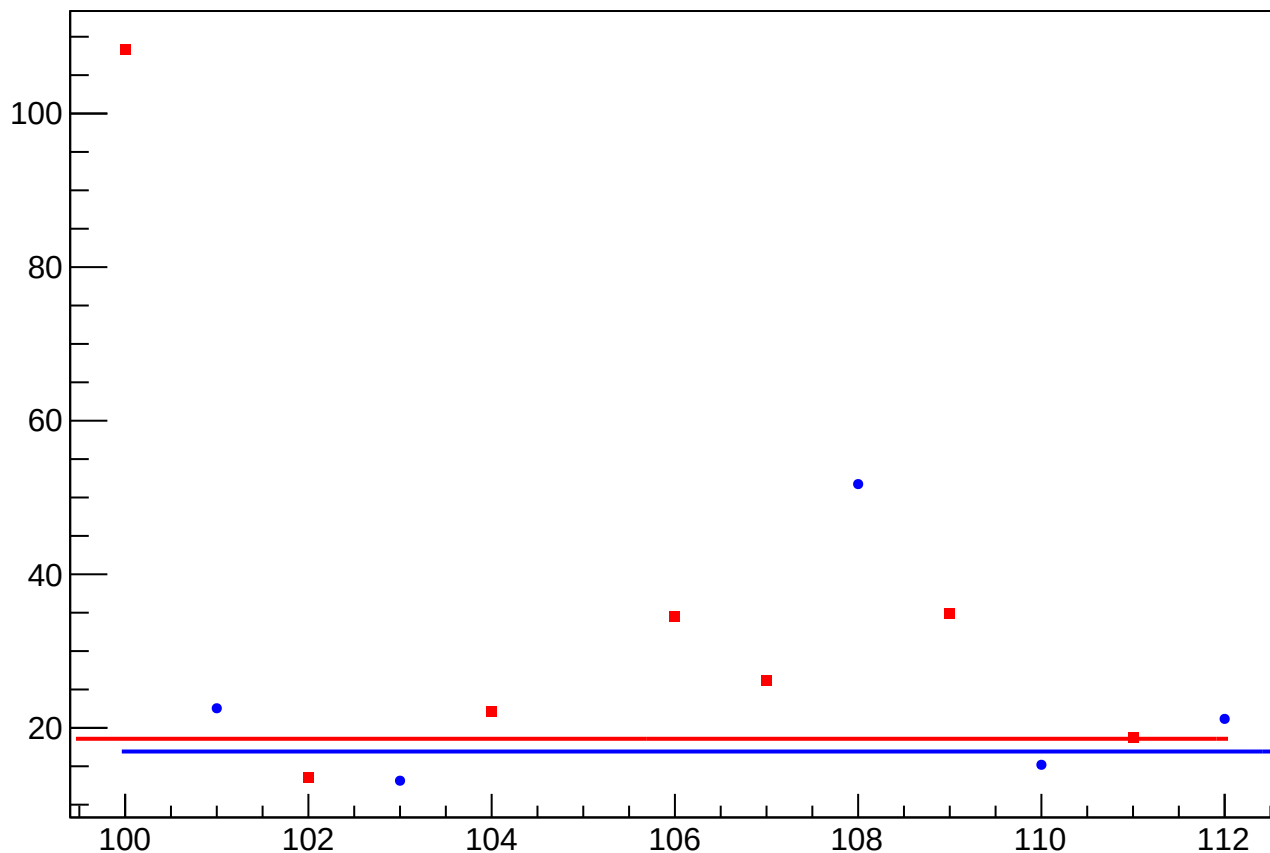
Right: 0.001 $\pm$ 0.009 χ^2 /NDF: 20.4/11

In: -0.021 $\pm$ 0.012 χ^2 /NDF:5.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.009 χ^2 /NDF: 20.4/11

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 16.923+/-0.009 χ^2 /NDF: 477977.5/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 18.580+/-0.009 χ^2 /NDF: 600409.5/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

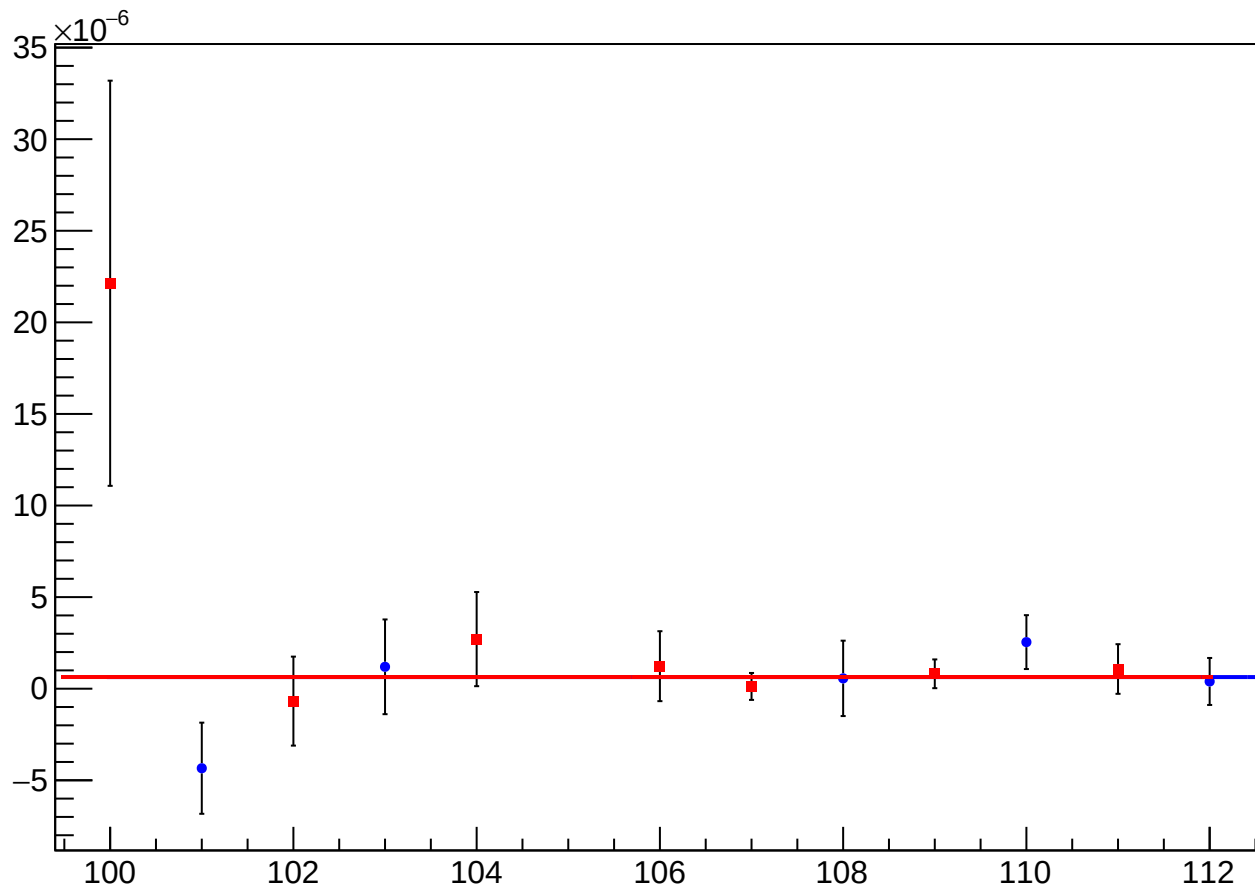
Right: 17.687+/-0.006 χ^2 /NDF: 1095434.8/11

In: 16.923+/-0.009 χ^2 /NDF:477977.5/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 17.687+/-0.006 χ^2 /NDF: 1095434.8/11

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

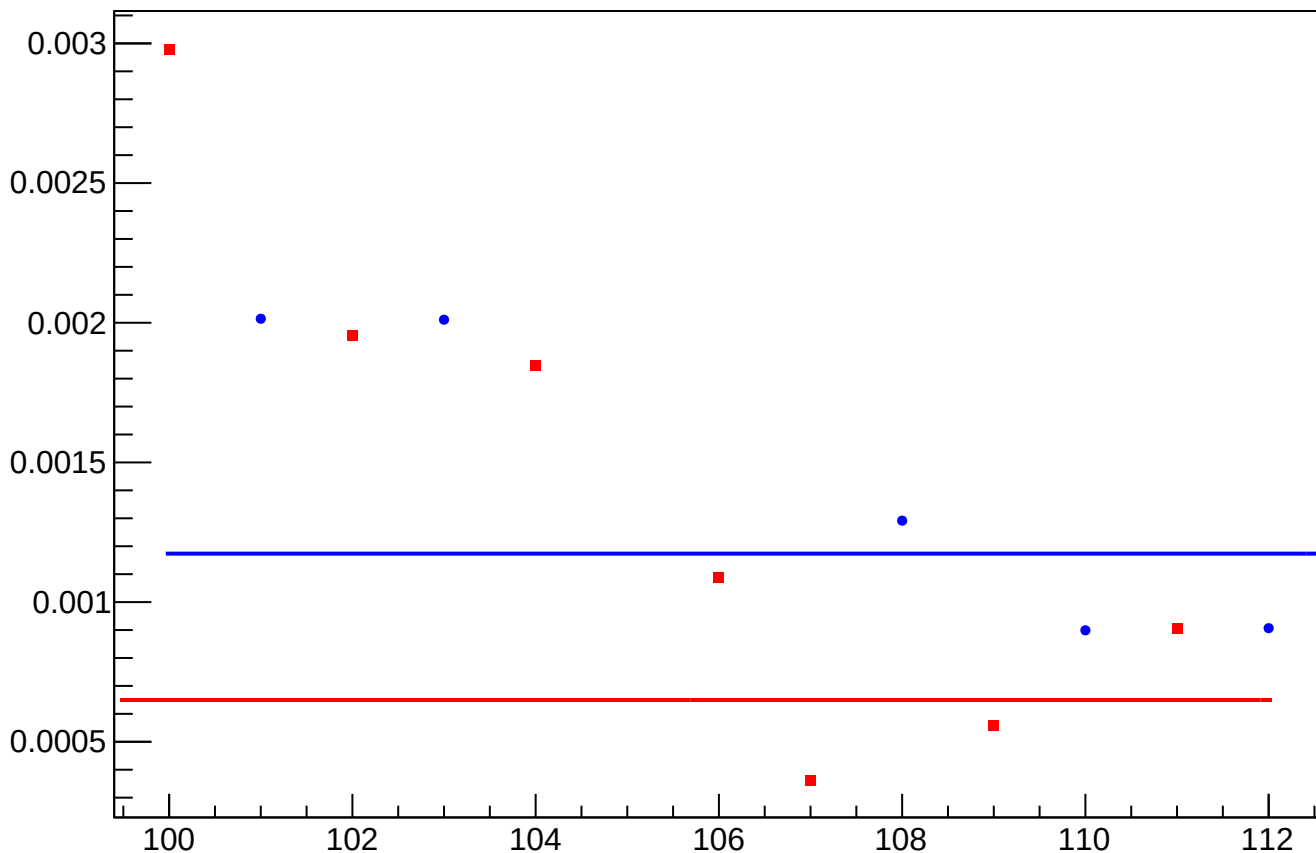
Right: 0.000+/-0.000 χ^2/NDF : 11.2/11

In: 0.000+/-0.000 χ^2/NDF : 5.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.2/11

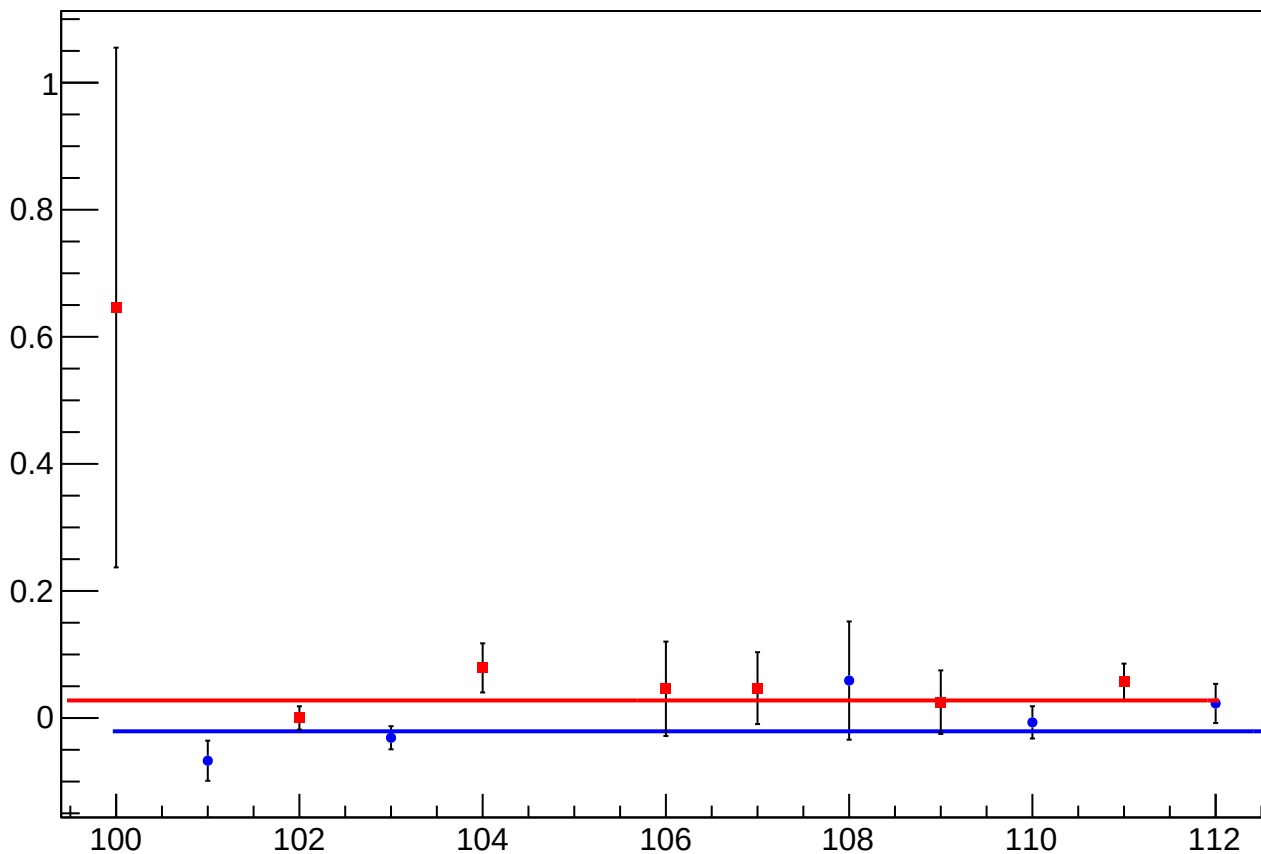
asym_sam_15_37_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 600982.3/4
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.001+/-0.000 χ^2/NDF : 1612576.7/6
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.001+/-0.000 χ^2/NDF : 2871274.9/11
 In: 0.001+/-0.000 χ^2/NDF : 600982.3/4
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.001+/-0.000 χ^2/NDF : 2871274.9/11

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 ± 0.012 $\chi^2/\text{NDF}: 5.5/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.028 ± 0.013 $\chi^2/\text{NDF}: 7.5/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

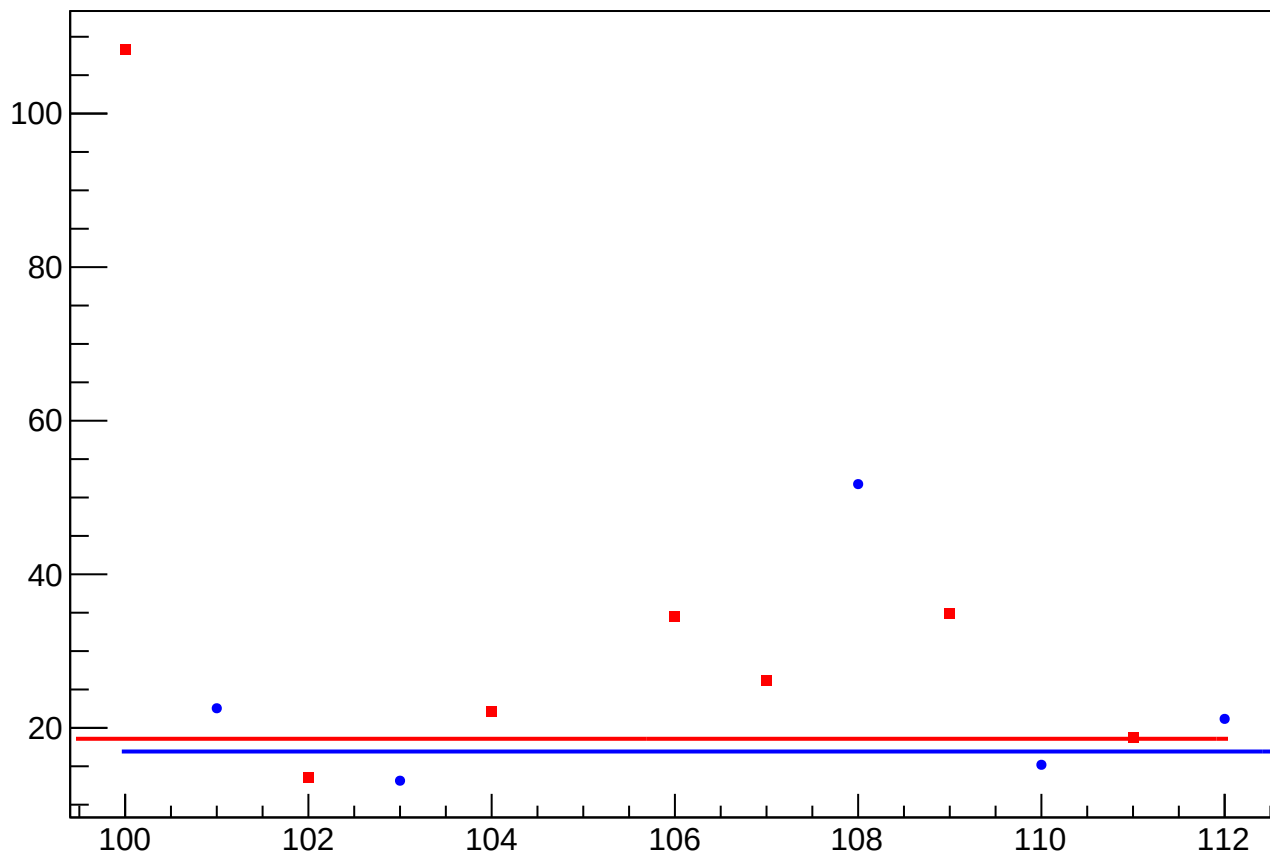
Right: 0.001 ± 0.009 $\chi^2/\text{NDF}: 20.4/11$

In: -0.021 ± 0.012 $\chi^2/\text{NDF}: 5.5/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.001 ± 0.009 $\chi^2/\text{NDF}: 20.4/11$

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 16.924+/-0.009 χ^2/NDF : 477968.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.581+/-0.009 χ^2/NDF : 600321.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

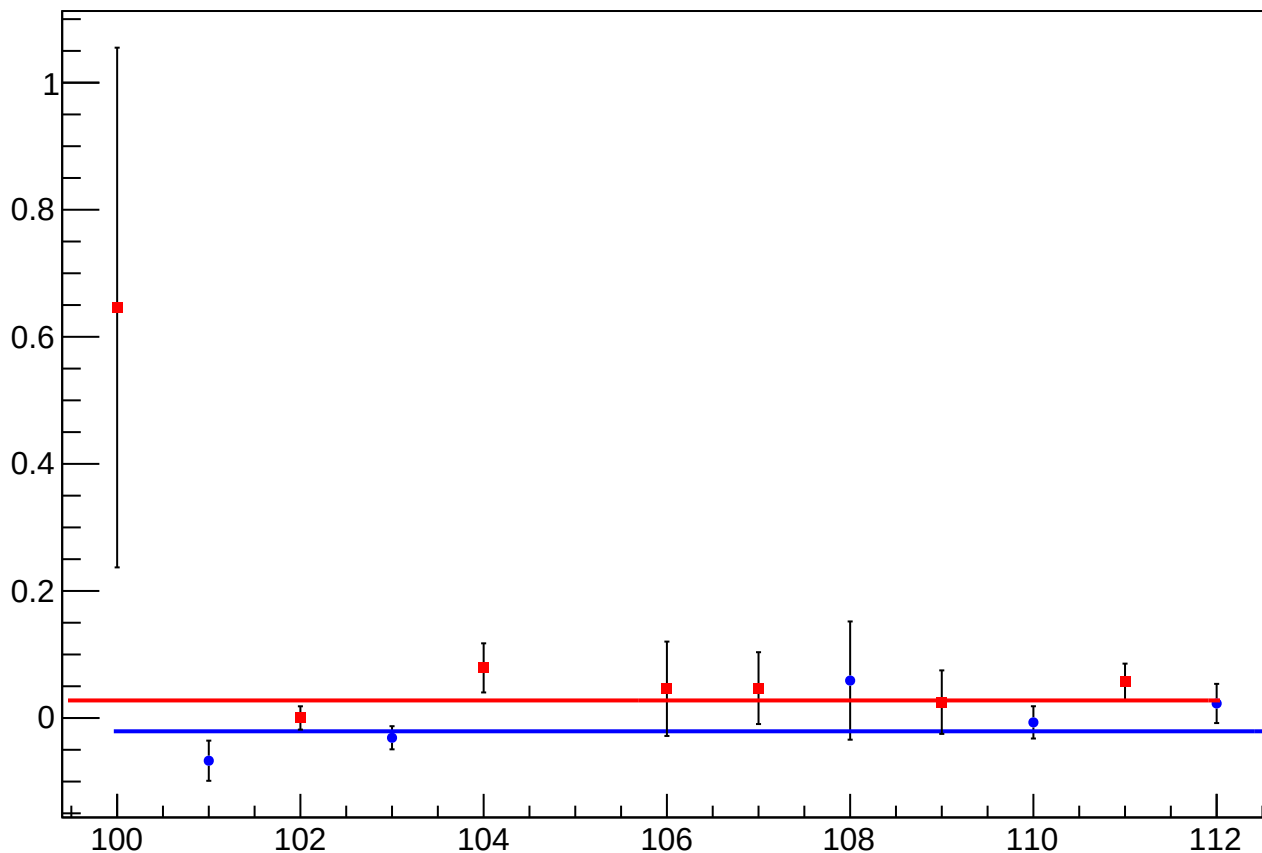
Right: 17.688+/-0.006 χ^2/NDF : 1095345.7/11

In: 16.924+/-0.009 χ^2/NDF : 477968.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.688+/-0.006 χ^2/NDF : 1095345.7/11

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 $\pm$ 0.012 χ^2 /NDF: 5.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.028 $\pm$ 0.013 χ^2 /NDF: 7.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

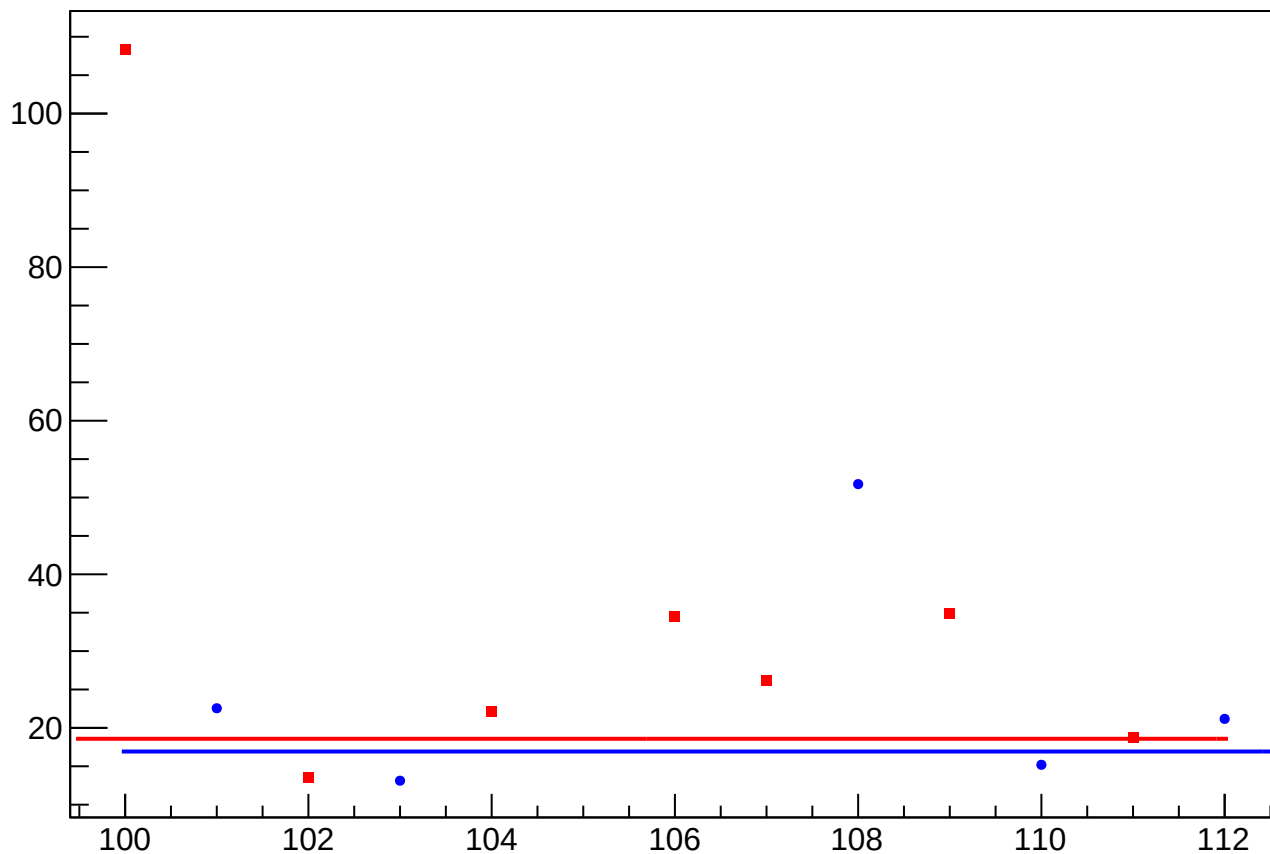
Right: 0.001 $\pm$ 0.009 χ^2 /NDF: 20.4/11

In: -0.021 $\pm$ 0.012 χ^2 /NDF:5.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.009 χ^2 /NDF: 20.4/11

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 16.924+/-0.009 χ^2/NDF : 477968.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.581+/-0.009 χ^2/NDF : 600321.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

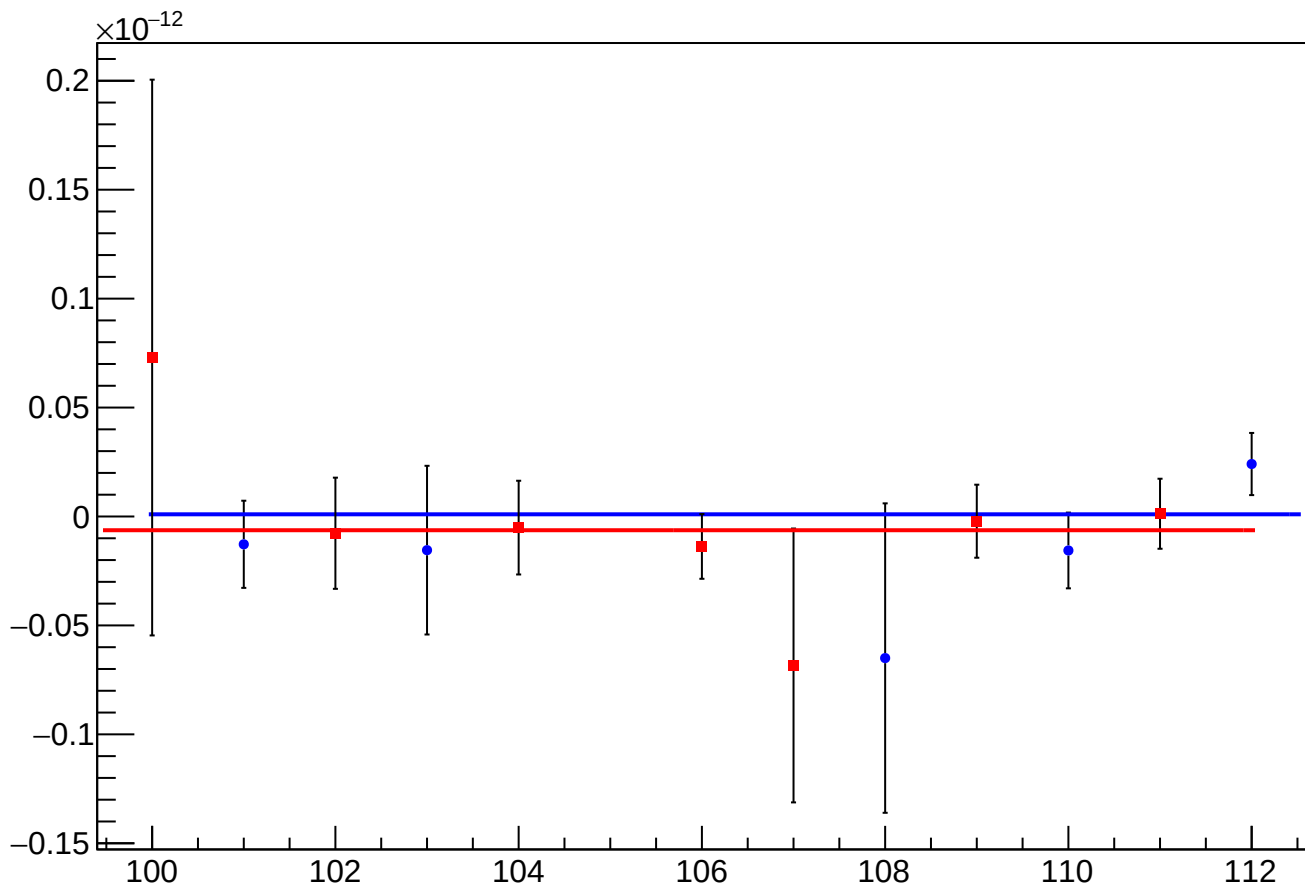
Right: 17.688+/-0.006 χ^2/NDF : 1095345.7/11

In: 16.924+/-0.009 χ^2/NDF : 477968.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.688+/-0.006 χ^2/NDF : 1095345.7/11

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

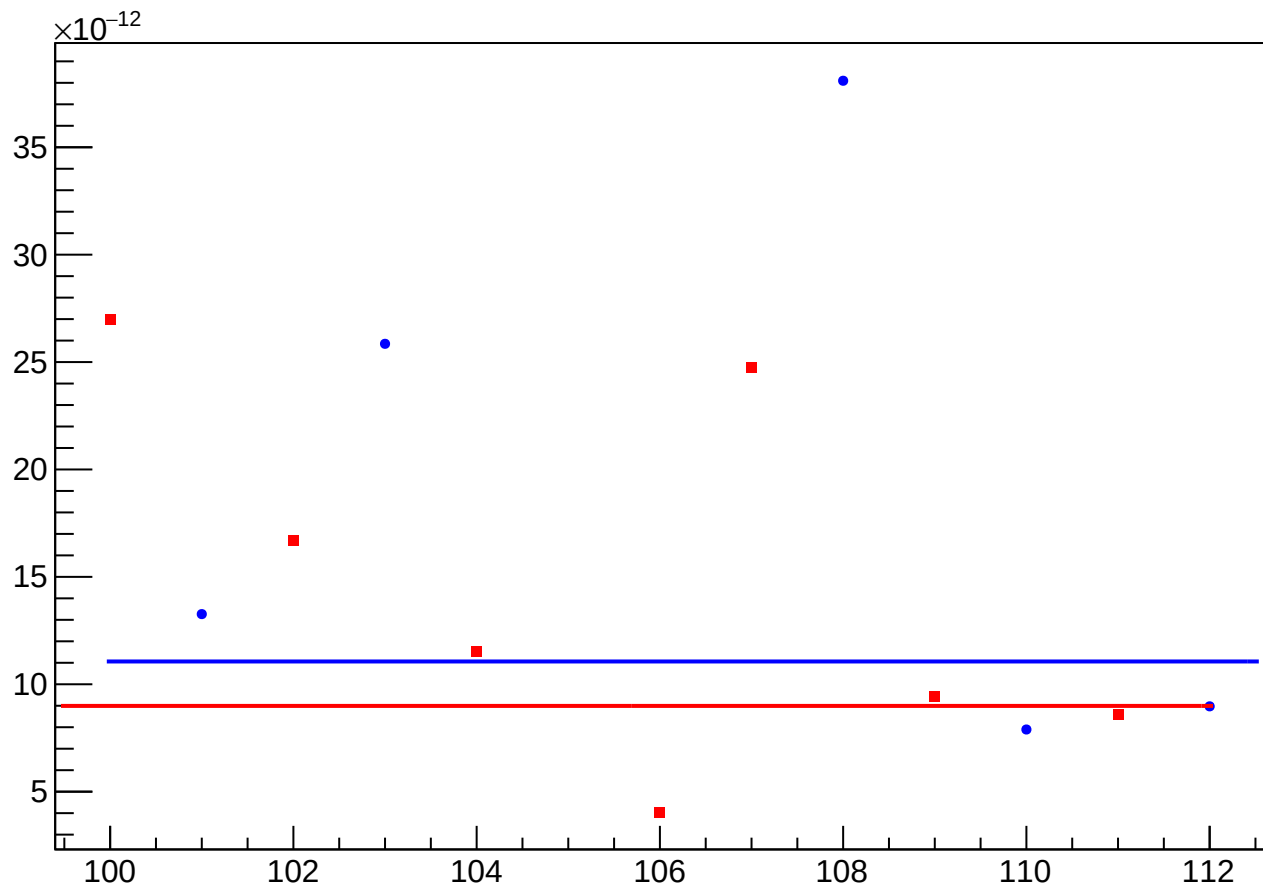
Right: -0.000+/-0.000 χ^2/NDF : 7.3/11

In: 0.000+/-0.000 χ^2/NDF : 5.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.3/11

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 715195.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 601196.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

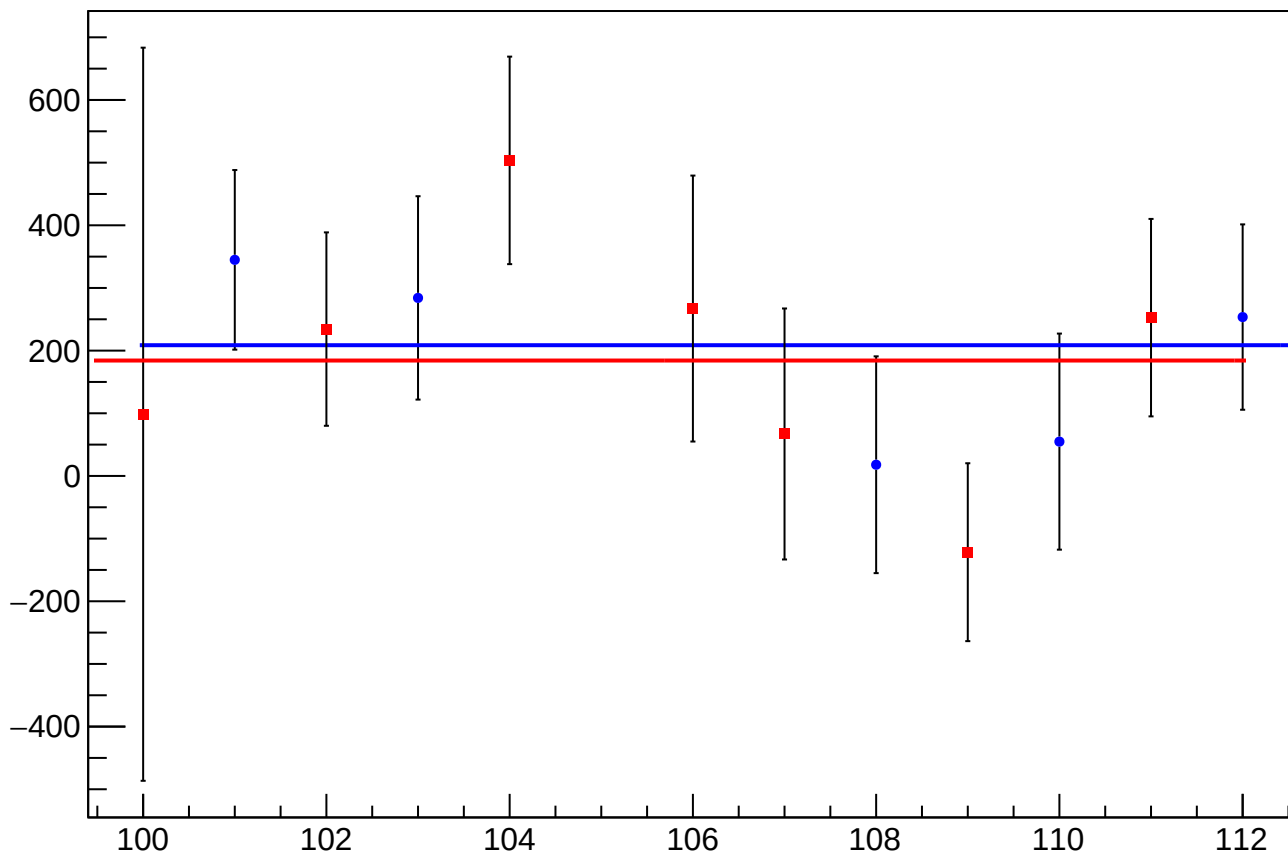
Right: 0.000+/-0.000 χ^2/NDF : 1373869.1/11

In: 0.000+/-0.000 χ^2/NDF : 715195.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1373869.1/11

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 208.644+/-70.813 χ^2/NDF : 3.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 184.187+/-67.661 χ^2/NDF : 9.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

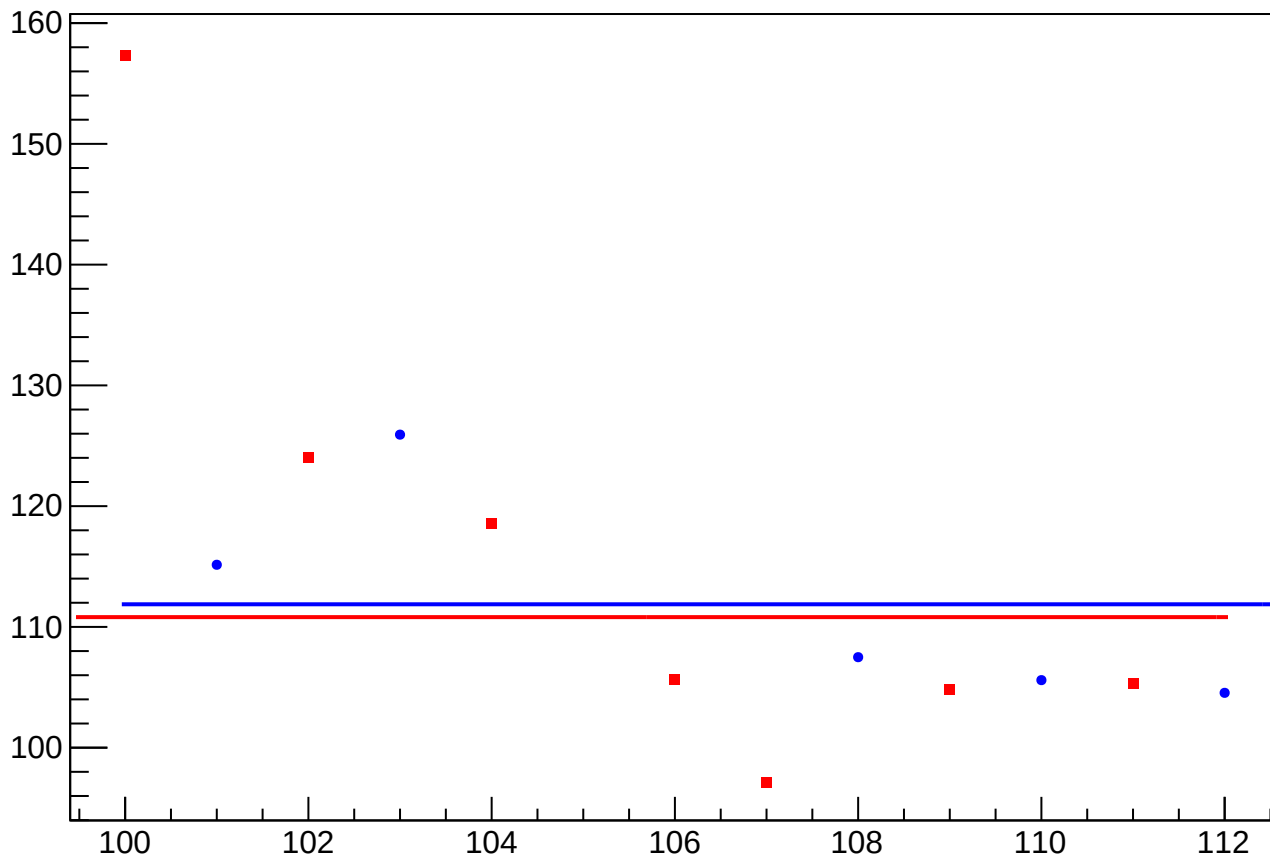
Right: 195.859+/-48.920 χ^2/NDF : 12.5/11

In: 208.644+/-70.813 χ^2/NDF : 3.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.859+/-48.920 χ^2/NDF : 12.5/11

reg_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 111.874+/-0.050 χ^2/NDF : 24881.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.811+/-0.048 χ^2/NDF : 48306.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

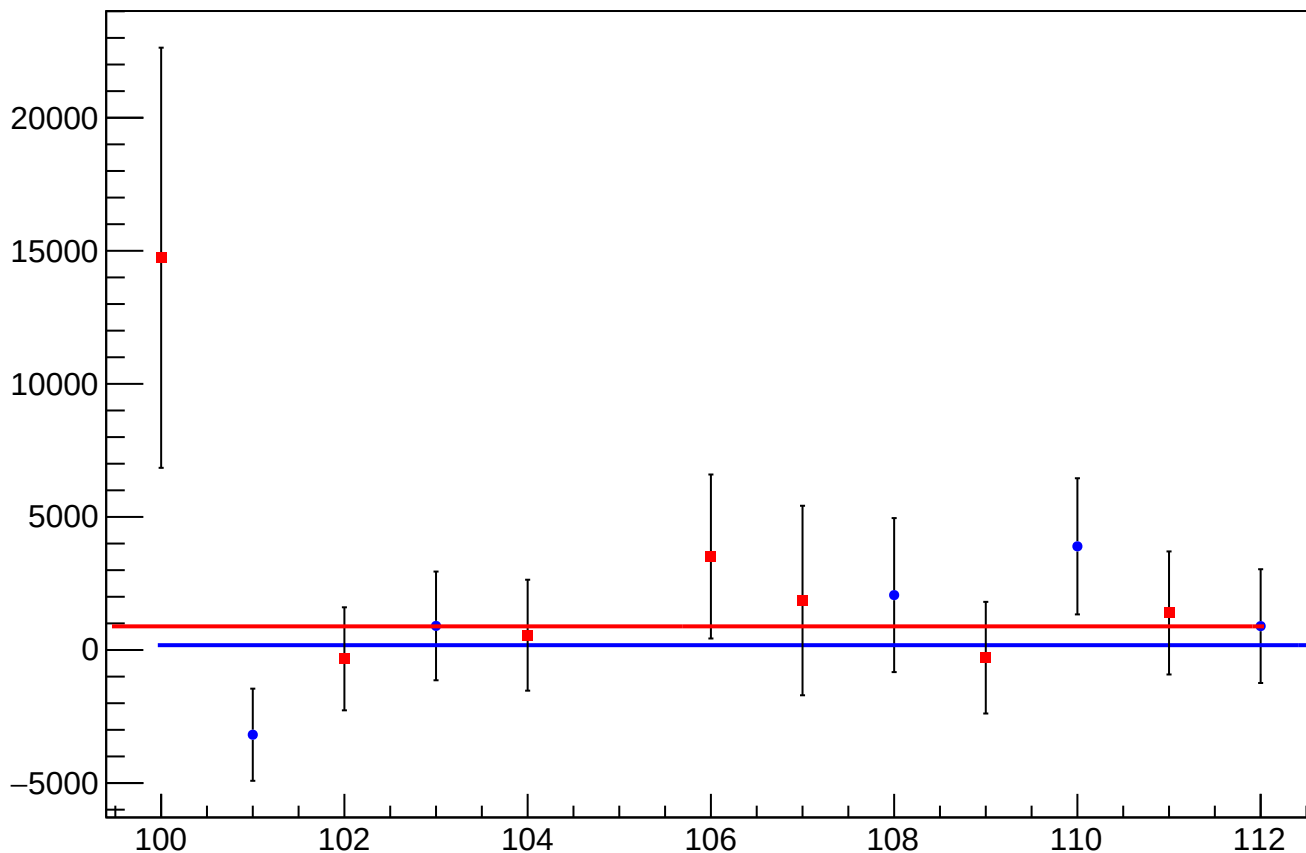
Right: 111.318+/-0.035 χ^2/NDF : 73422.9/11

In: 111.874+/-0.050 χ^2/NDF : 24881.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.318+/-0.035 χ^2/NDF : 73422.9/11

asym_sam_24_68_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 180.885+/-969.229 χ^2/NDF : 6.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 888.248+/-948.458 χ^2/NDF : 4.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

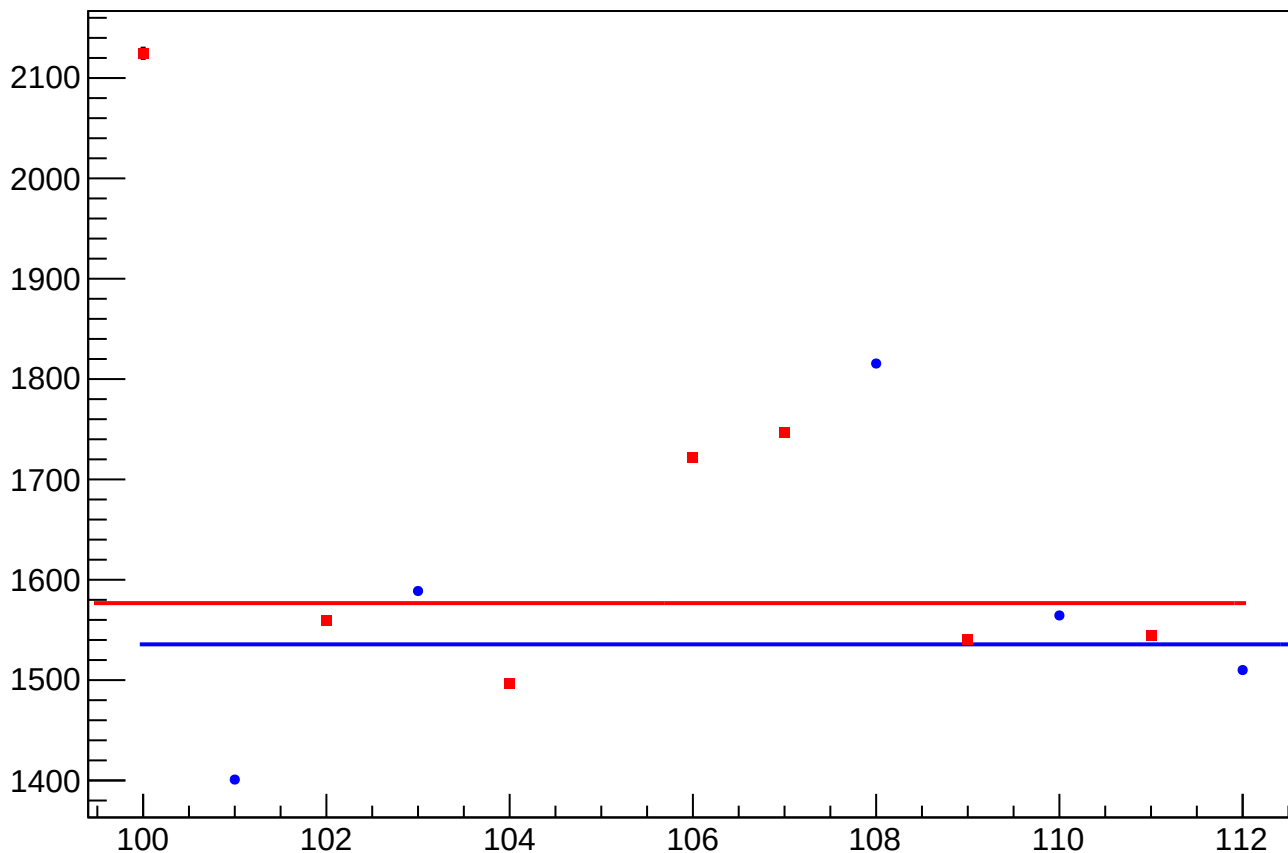
Right: 542.227+/-677.885 χ^2/NDF : 11.5/11

In: 180.885+/-969.229 χ^2/NDF : 6.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 542.227+/-677.885 χ^2/NDF : 11.5/11

asym_sam_24_68_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1535.633+/-0.685 χ^2/NDF : 32720.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1576.714+/-0.671 χ^2/NDF : 22805.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

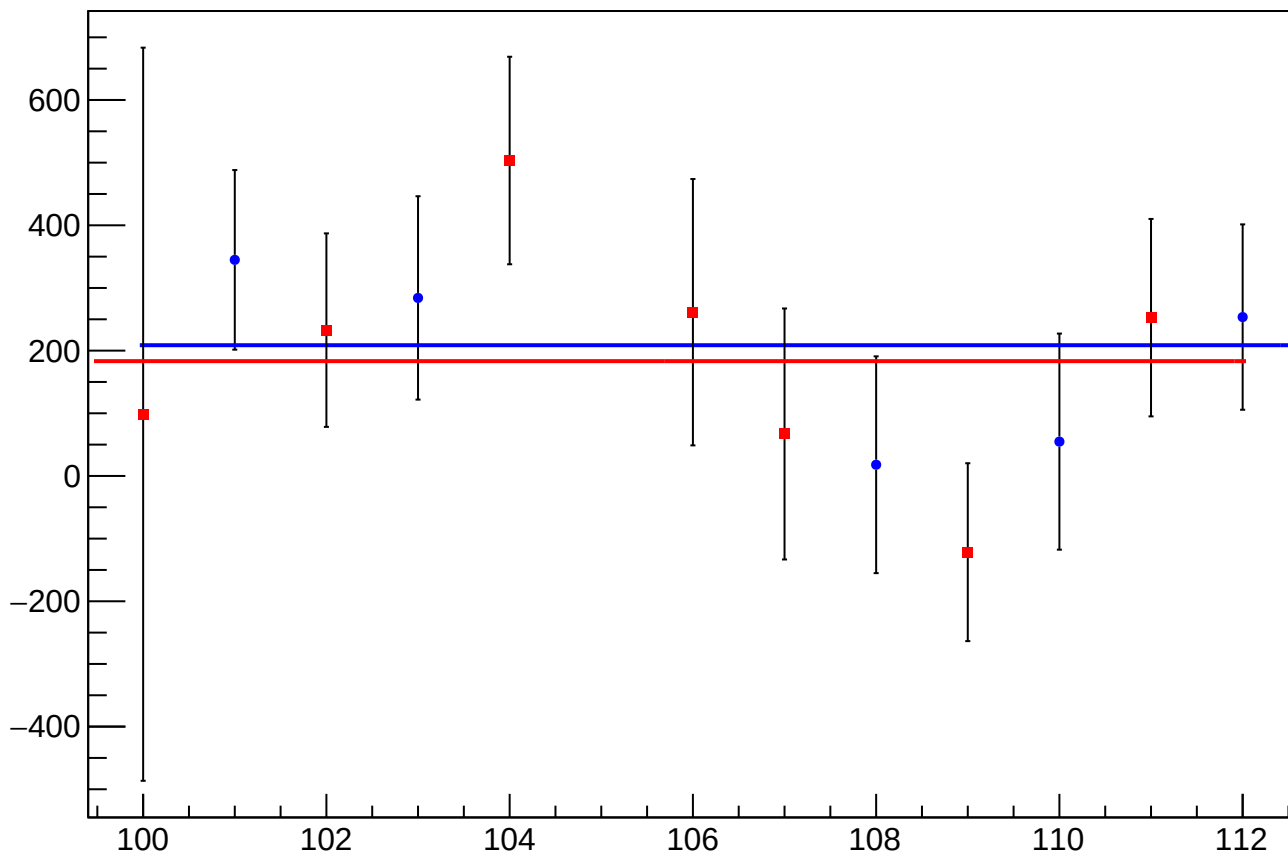
Right: 1556.618+/-0.479 χ^2/NDF : 57361.2/11

In: 1535.633+/-0.685 χ^2/NDF : 32720.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1556.618+/-0.479 χ^2/NDF : 57361.2/11

cor_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 208.642 $\pm$ 70.813 χ^2 /NDF: 3.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 183.224 $\pm$ 67.678 χ^2 /NDF: 9.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

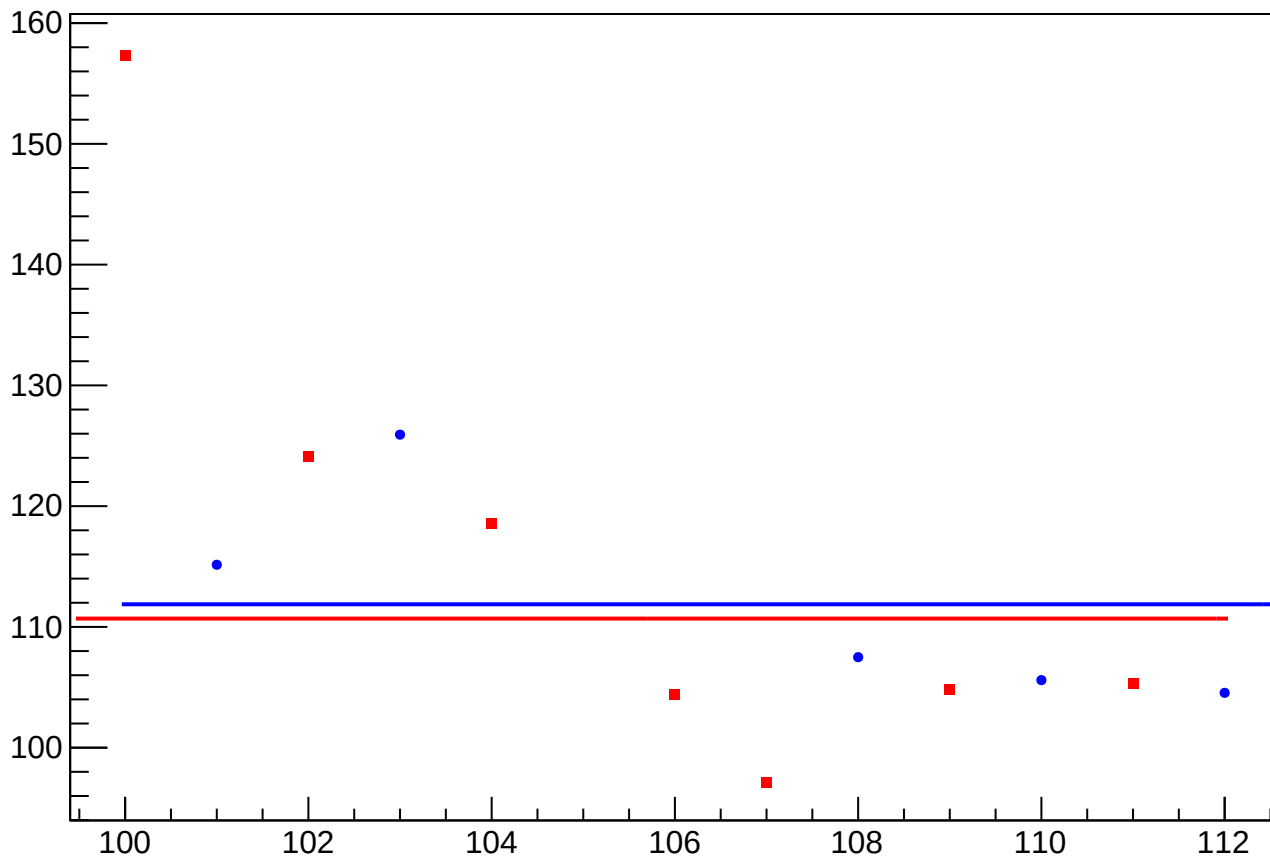
Right: 195.358 $\pm$ 48.926 χ^2 /NDF: 12.4/11

In: 208.642 $\pm$ 70.813 χ^2 /NDF: 3.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 195.358 $\pm$ 48.926 χ^2 /NDF: 12.4/11

cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 111.874+/-0.050 χ^2/NDF : 24882.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.691+/-0.048 χ^2/NDF : 49071.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

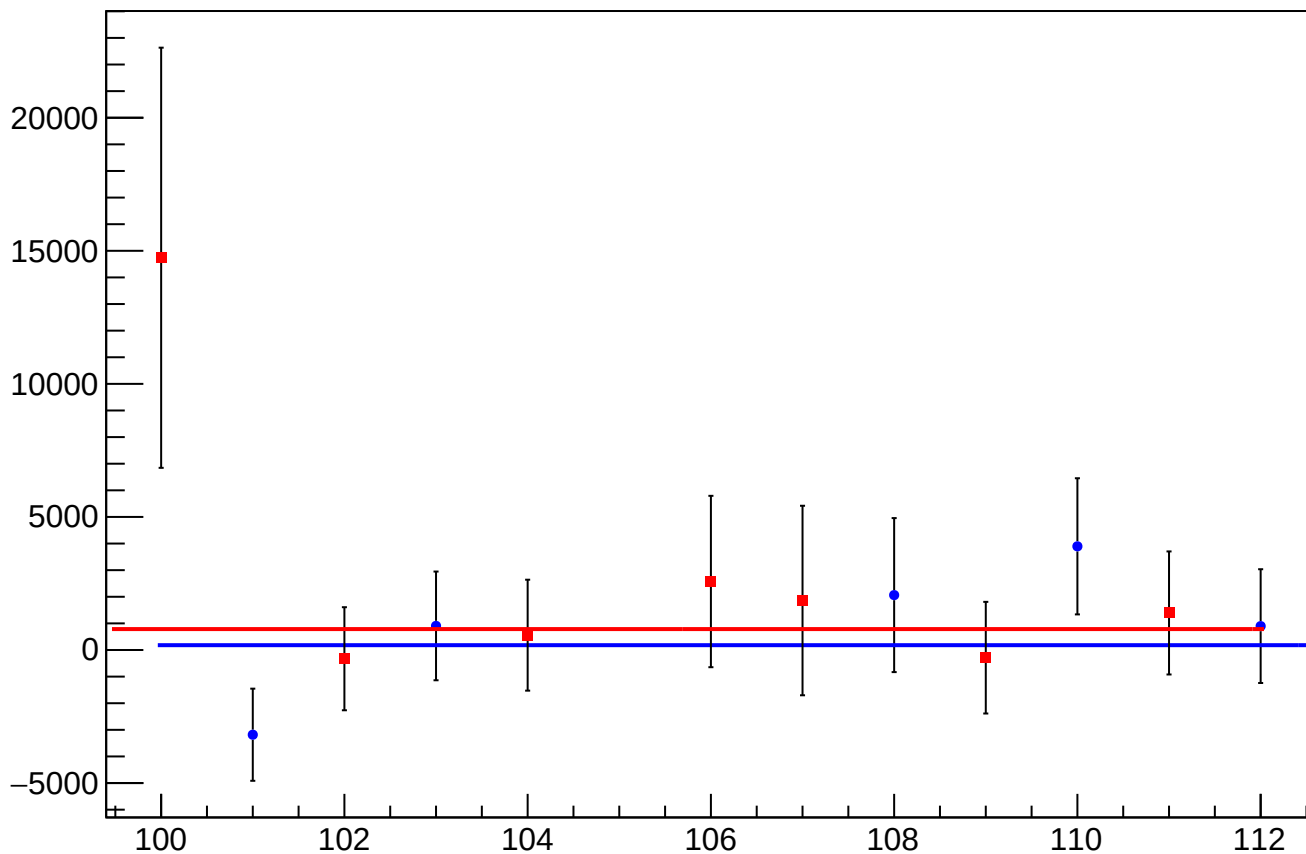
Right: 111.255+/-0.035 χ^2/NDF : 74245.7/11

In: 111.874+/-0.050 χ^2/NDF : 24882.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.255+/-0.035 χ^2/NDF : 74245.7/11

asym_sam_24_68_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 180.983+/-969.237 χ^2/NDF : 6.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 785.995+/-952.355 χ^2/NDF : 4.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

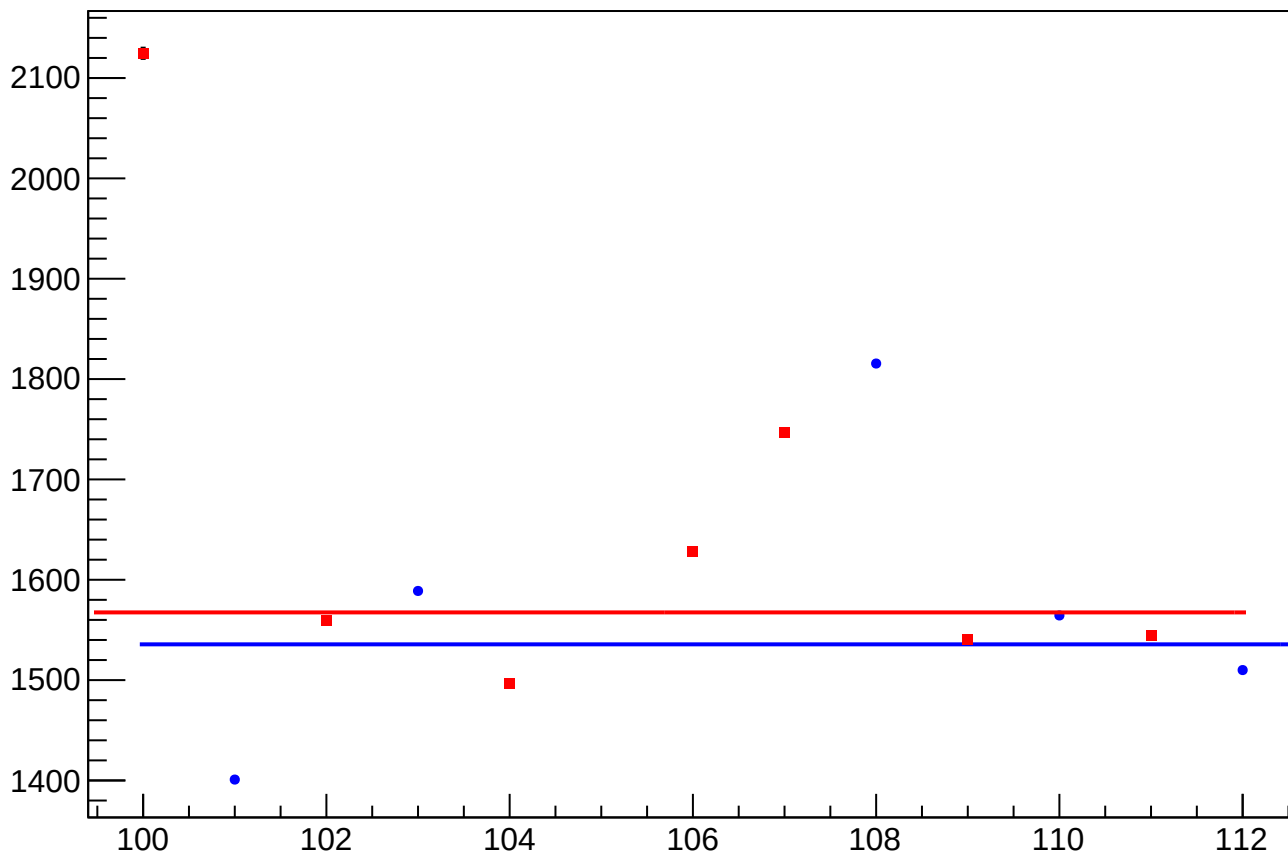
Right: 488.804+/-679.307 χ^2/NDF : 10.9/11

In: 180.983+/-969.237 χ^2/NDF : 6.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 488.804+/-679.307 χ^2/NDF : 10.9/11

asym_sam_24_68_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1535.646 $\pm$ 0.685 χ^2 /NDF: 32722.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1567.474 $\pm$ 0.673 χ^2 /NDF: 18650.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

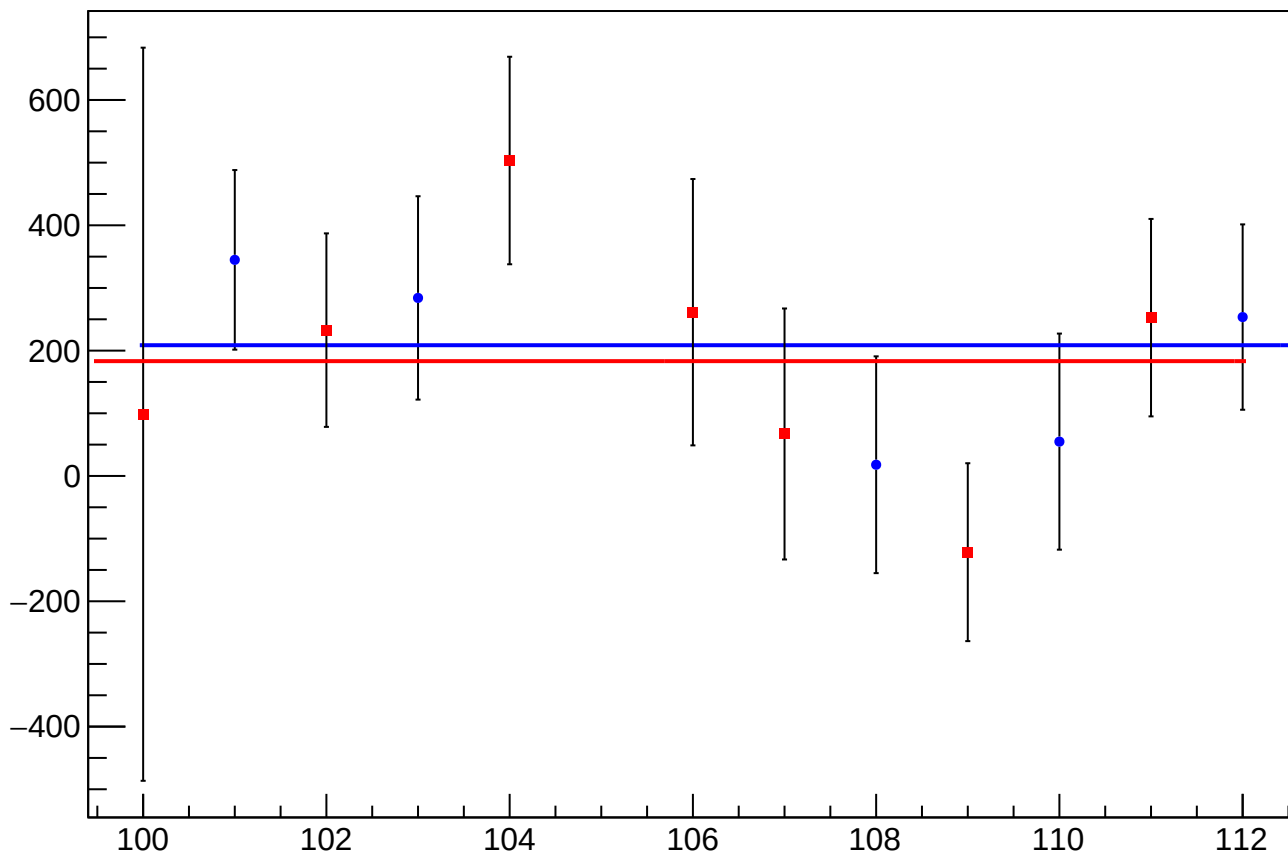
Right: 1551.839 $\pm$ 0.480 χ^2 /NDF: 52470.4/11

In: 1535.646 $\pm$ 0.685 χ^2 /NDF:32722.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1551.839 $\pm$ 0.480 χ^2 /NDF: 52470.4/11

eigen_cor_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 208.642 $\pm$ 70.813 χ^2 /NDF: 3.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 183.224 $\pm$ 67.678 χ^2 /NDF: 9.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

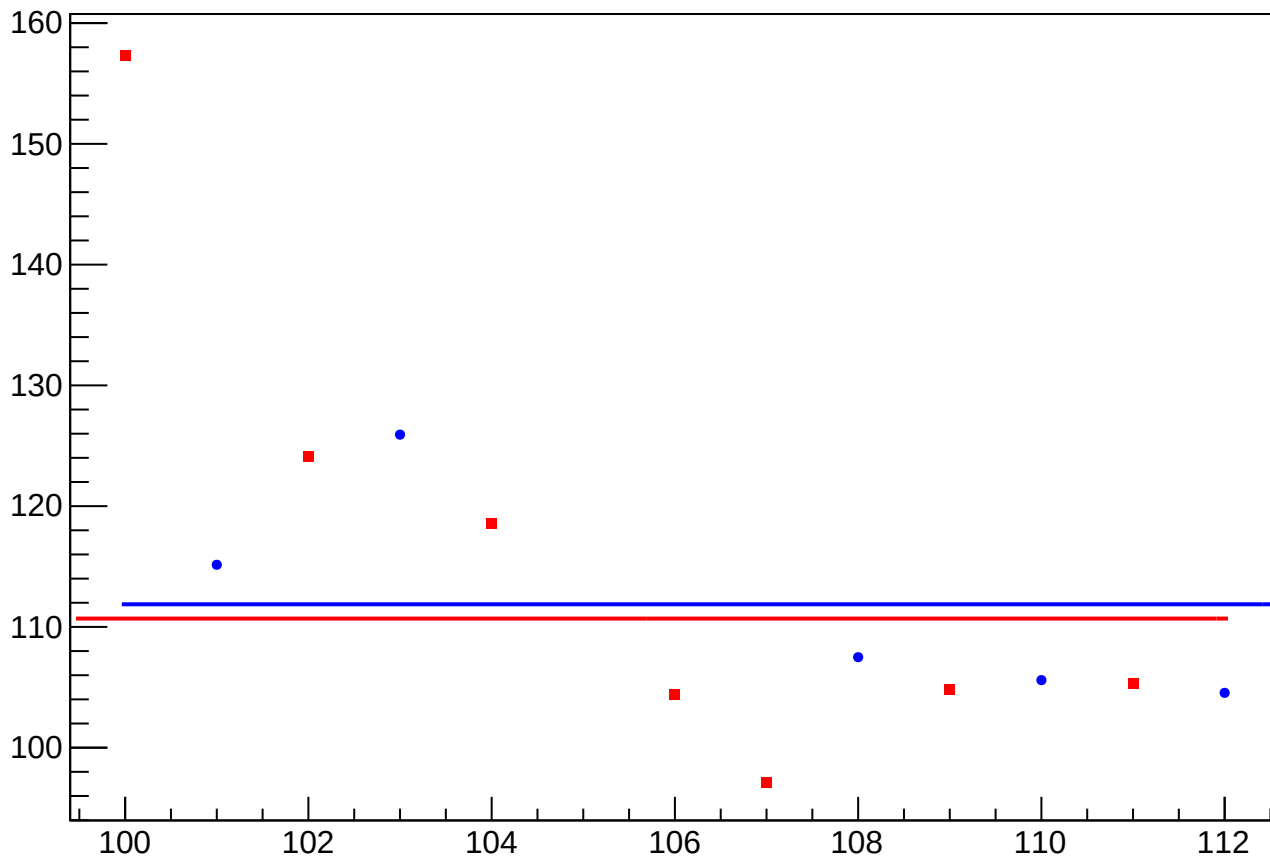
Right: 195.358 $\pm$ 48.926 χ^2 /NDF: 12.4/11

In: 208.642 $\pm$ 70.813 χ^2 /NDF: 3.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 195.358 $\pm$ 48.926 χ^2 /NDF: 12.4/11

eigen_cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 111.874+/-0.050 χ^2/NDF : 24882.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.691+/-0.048 χ^2/NDF : 49071.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

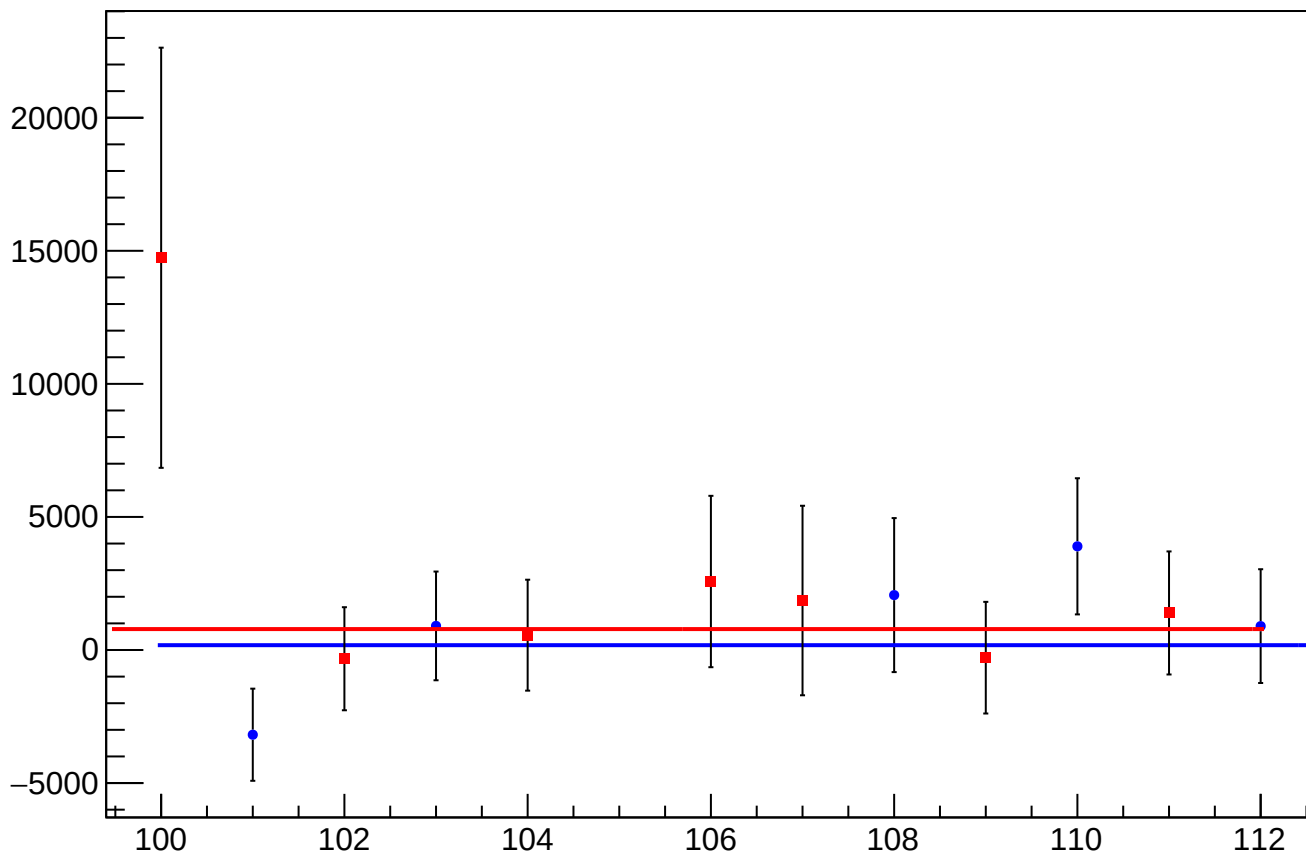
Right: 111.255+/-0.035 χ^2/NDF : 74245.7/11

In: 111.874+/-0.050 χ^2/NDF : 24882.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.255+/-0.035 χ^2/NDF : 74245.7/11

asym_sam_24_68_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 180.983+/-969.237 χ^2/NDF : 6.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 785.995+/-952.355 χ^2/NDF : 4.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

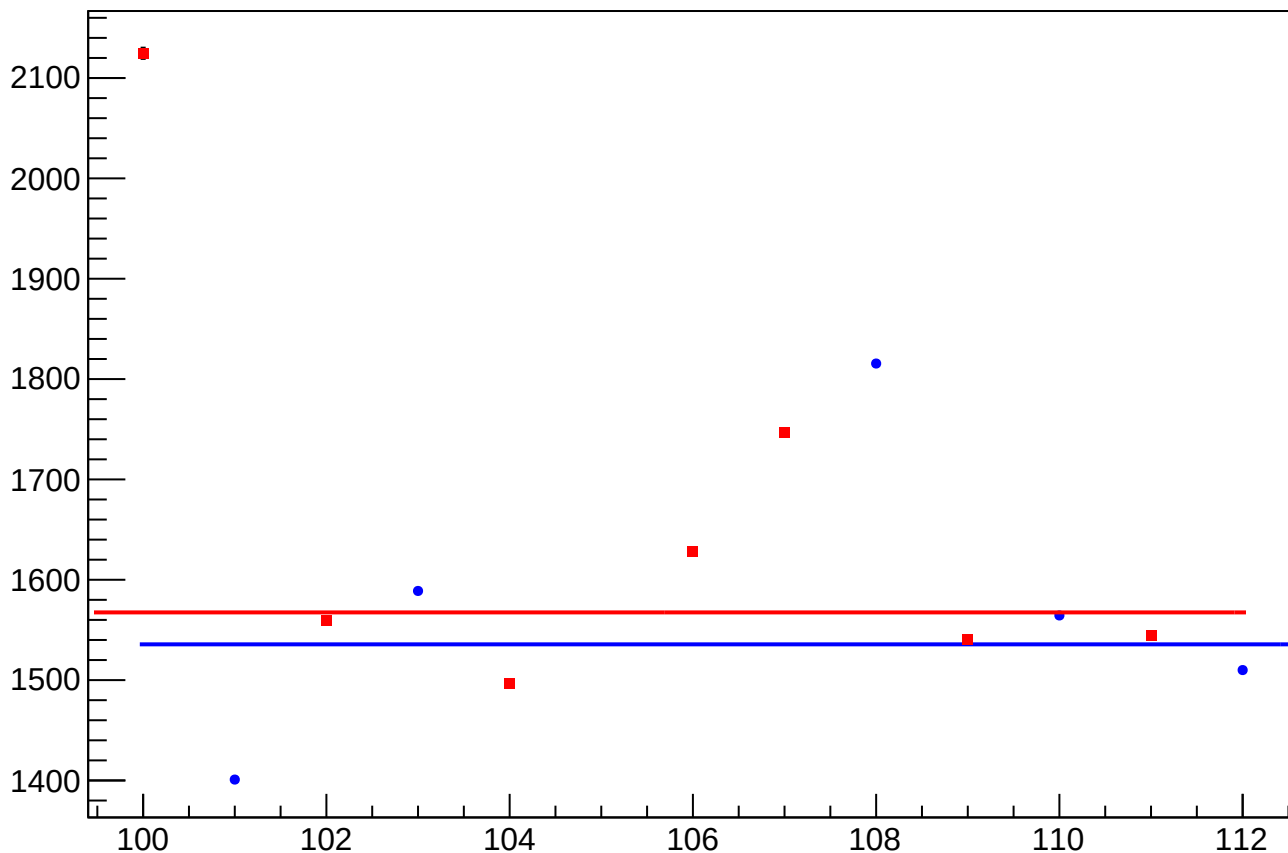
Right: 488.804+/-679.307 χ^2/NDF : 10.9/11

In: 180.983+/-969.237 χ^2/NDF : 6.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 488.804+/-679.307 χ^2/NDF : 10.9/11

asym_sam_24_68_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1535.646+/-0.685 χ^2/NDF : 32722.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1567.474+/-0.673 χ^2/NDF : 18650.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

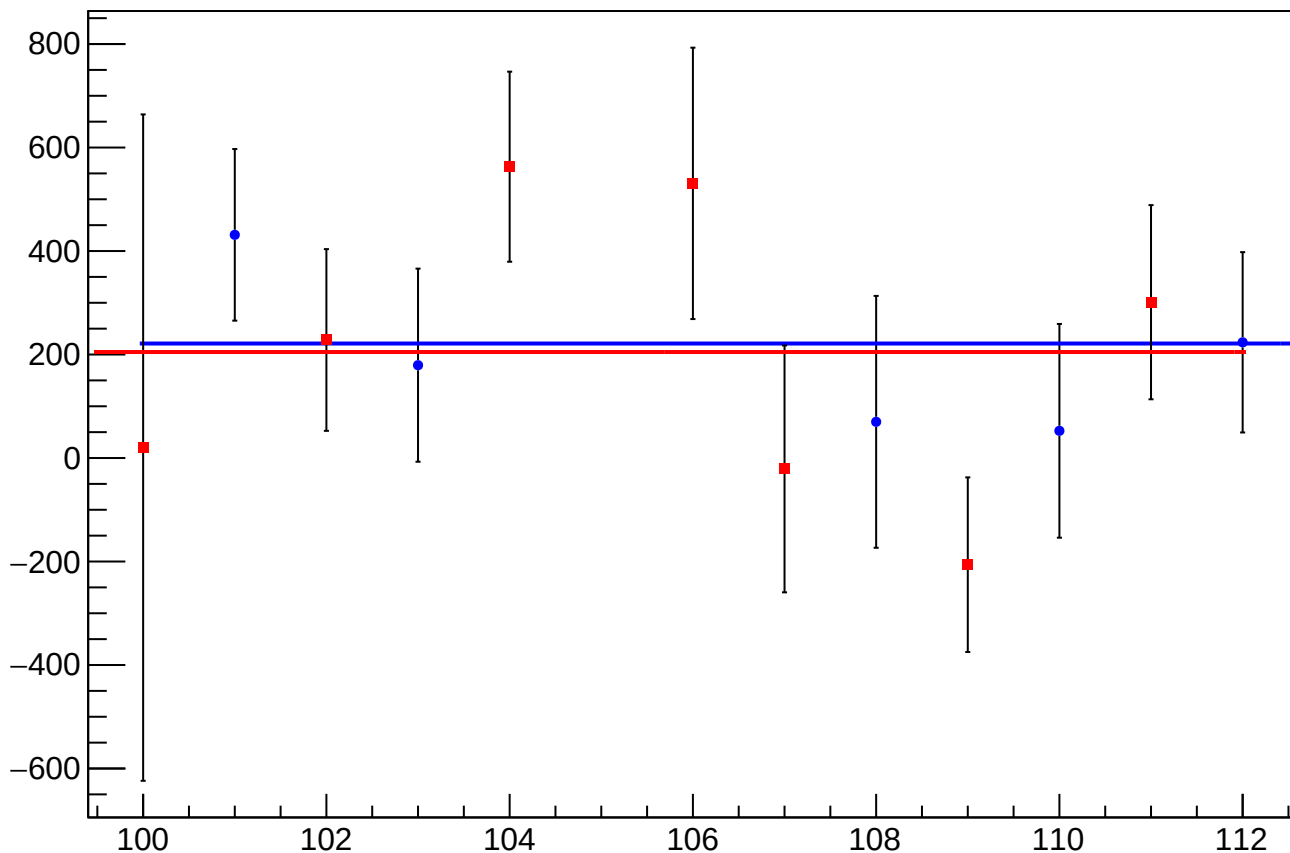
Right: 1551.839+/-0.480 χ^2/NDF : 52470.4/11

In: 1535.646+/-0.685 χ^2/NDF : 32722.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1551.839+/-0.480 χ^2/NDF : 52470.4/11

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 221.273 $\pm$ 85.015 χ^2 /NDF: 2.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 204.854 $\pm$ 79.026 χ^2 /NDF: 12.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

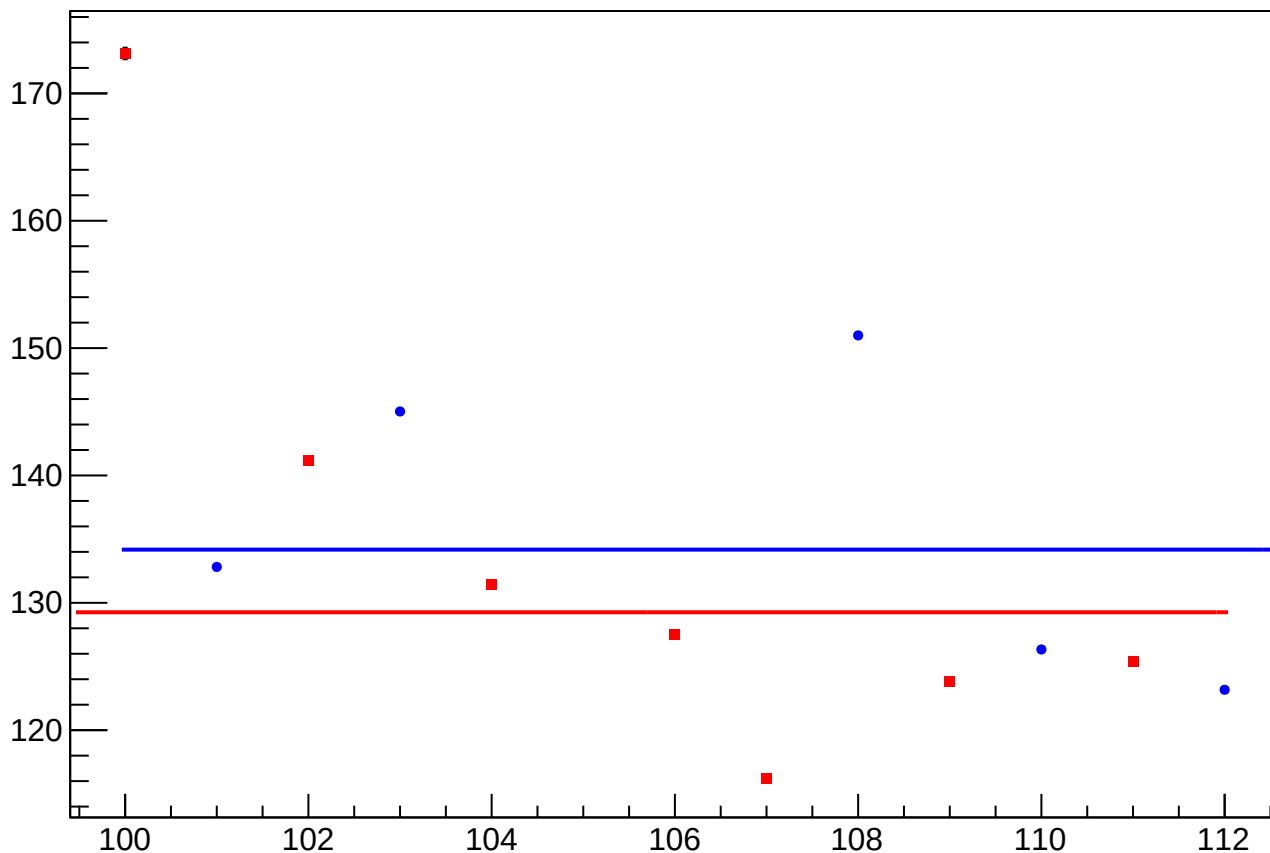
Right: 212.465 $\pm$ 57.882 χ^2 /NDF: 15.3/11

In: 221.273 $\pm$ 85.015 χ^2 /NDF:2.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 212.465 $\pm$ 57.882 χ^2 /NDF: 15.3/11

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 134.177+/-0.060 χ^2/NDF : 27309.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.257+/-0.056 χ^2/NDF : 27773.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

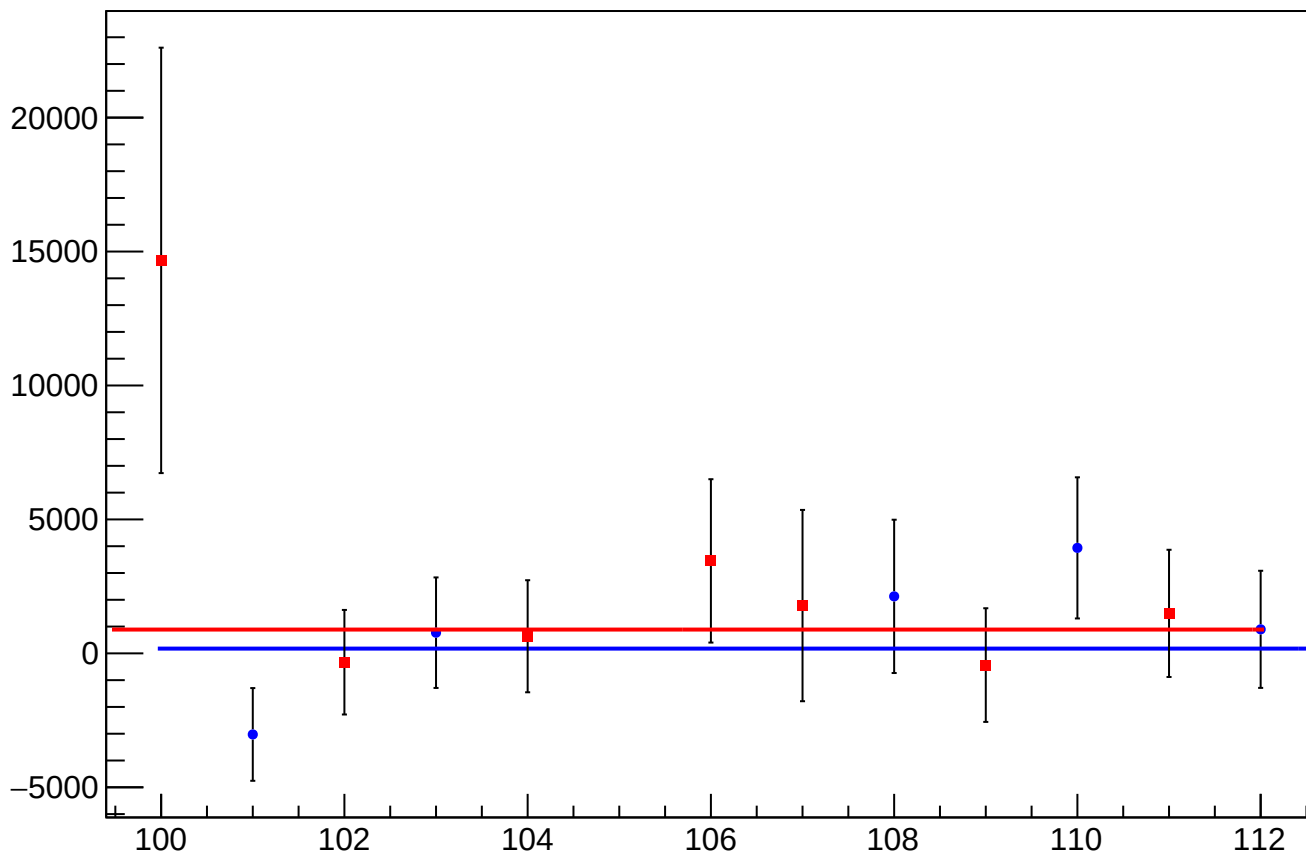
Right: 131.538+/-0.041 χ^2/NDF : 58676.2/11

In: 134.177+/-0.060 χ^2/NDF : 27309.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.538+/-0.041 χ^2/NDF : 58676.2/11

asym_sam_24_68_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 177.669+/-978.558 χ^2/NDF : 6.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 888.411+/-956.757 χ^2/NDF : 4.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

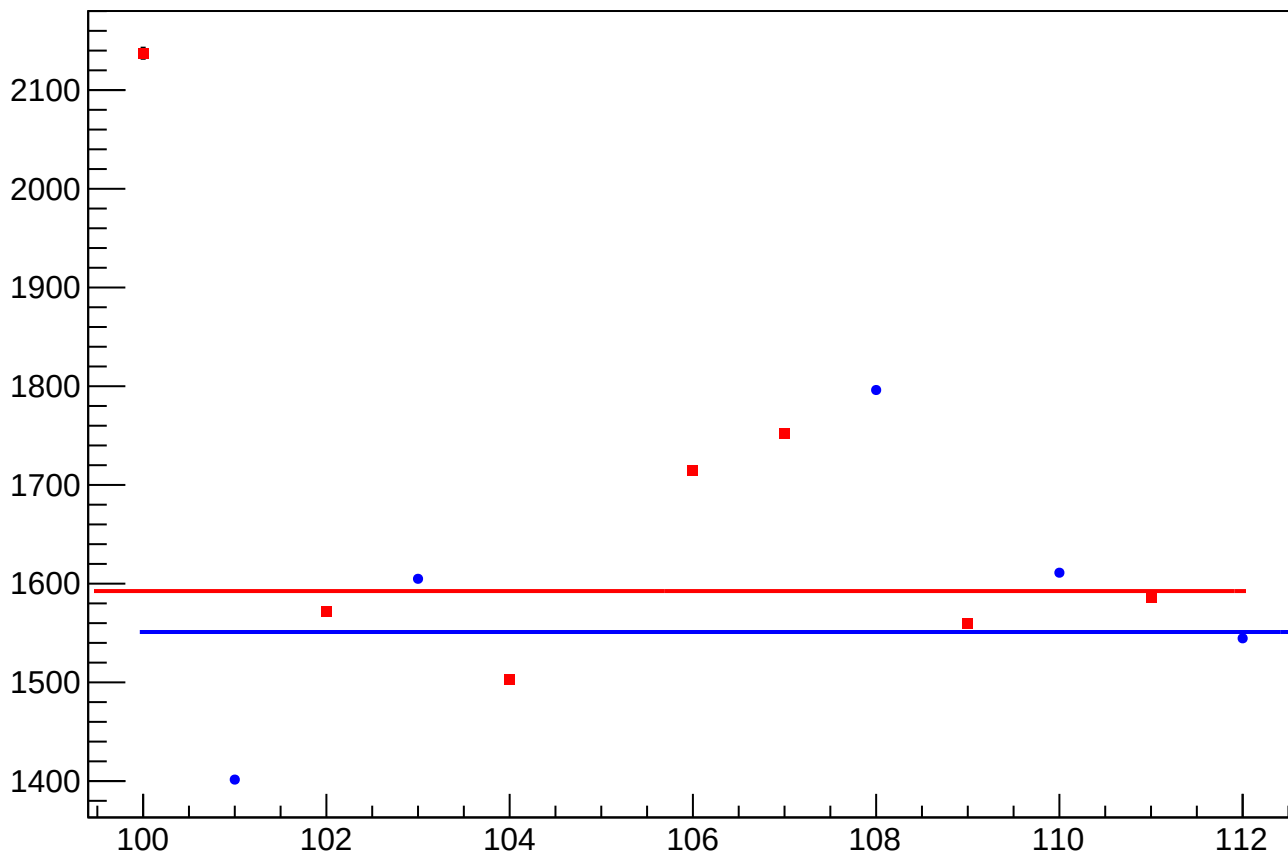
Right: 541.045+/-684.107 χ^2/NDF : 11.0/11

In: 177.669+/-978.558 χ^2/NDF : 6.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 541.045+/-684.107 χ^2/NDF : 11.0/11

asym_sam_24_68_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1551.026+/-0.692 χ^2/NDF : 32028.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1592.502+/-0.677 χ^2/NDF : 21034.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

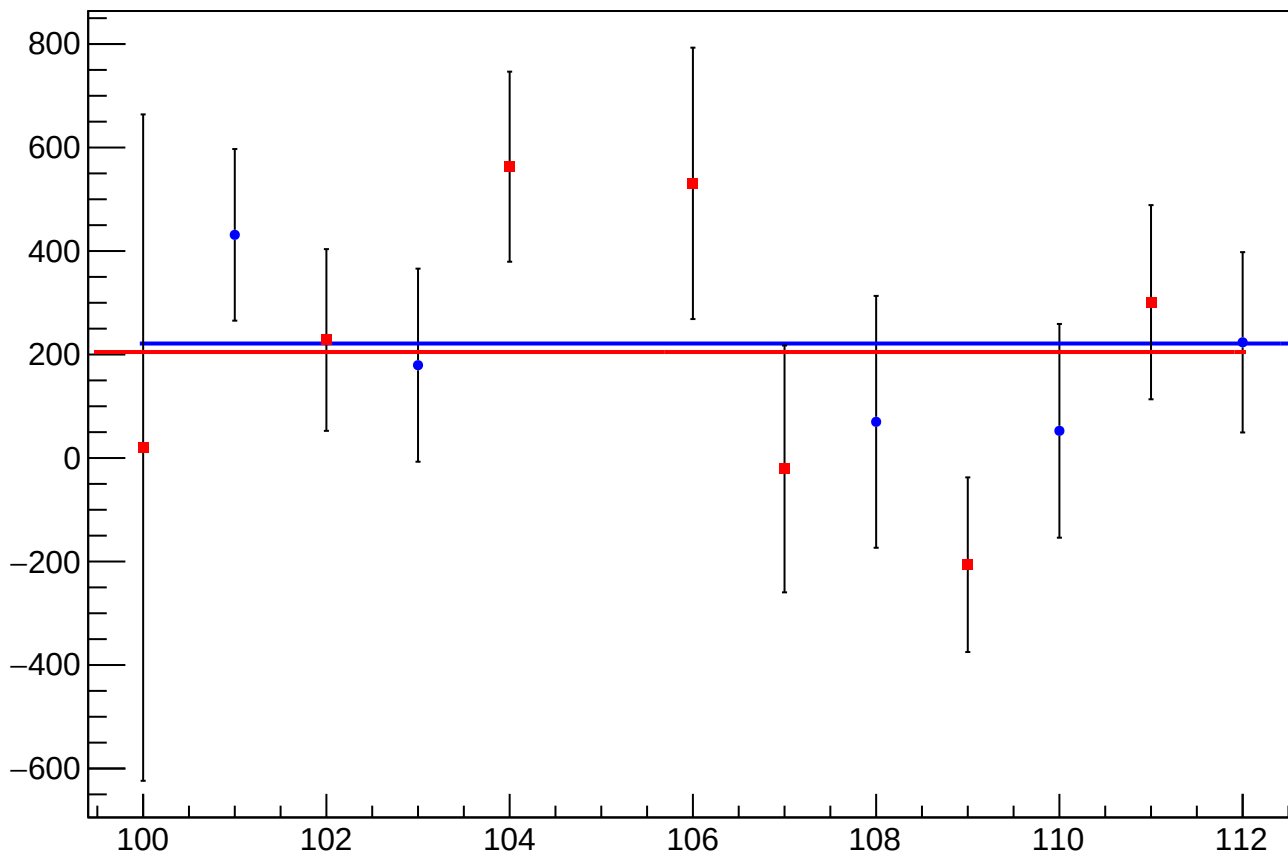
Right: 1572.231+/-0.484 χ^2/NDF : 54900.3/11

In: 1551.026+/-0.692 χ^2/NDF : 32028.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1572.231+/-0.484 χ^2/NDF : 54900.3/11

eigen_dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 221.266+/-85.015 χ^2/NDF : 2.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 204.852+/-79.026 χ^2/NDF : 12.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

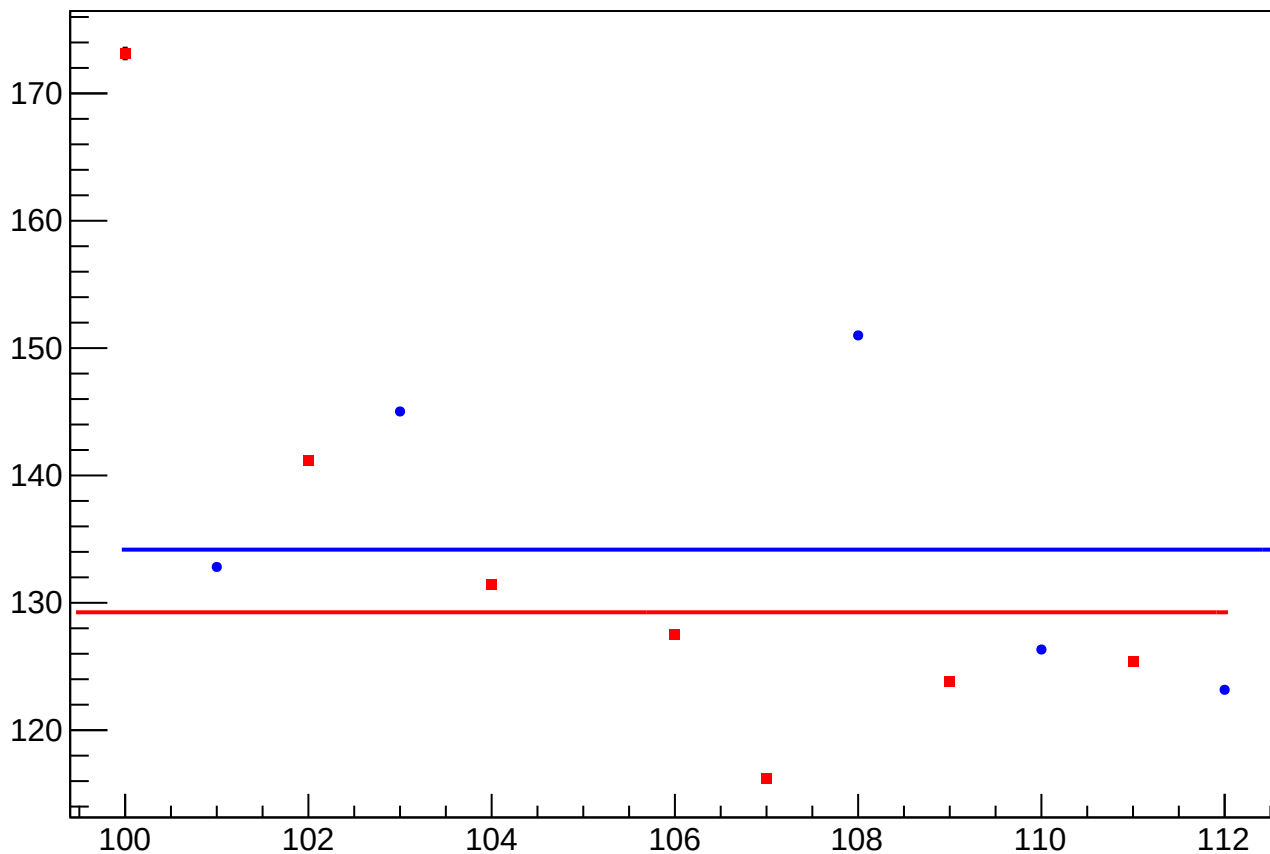
Right: 212.460+/-57.881 χ^2/NDF : 15.3/11

In: 221.266+/-85.015 χ^2/NDF : 2.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 212.460+/-57.881 χ^2/NDF : 15.3/11

eigen_dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 134.176+/-0.060 χ^2/NDF : 27314.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.256+/-0.056 χ^2/NDF : 27774.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

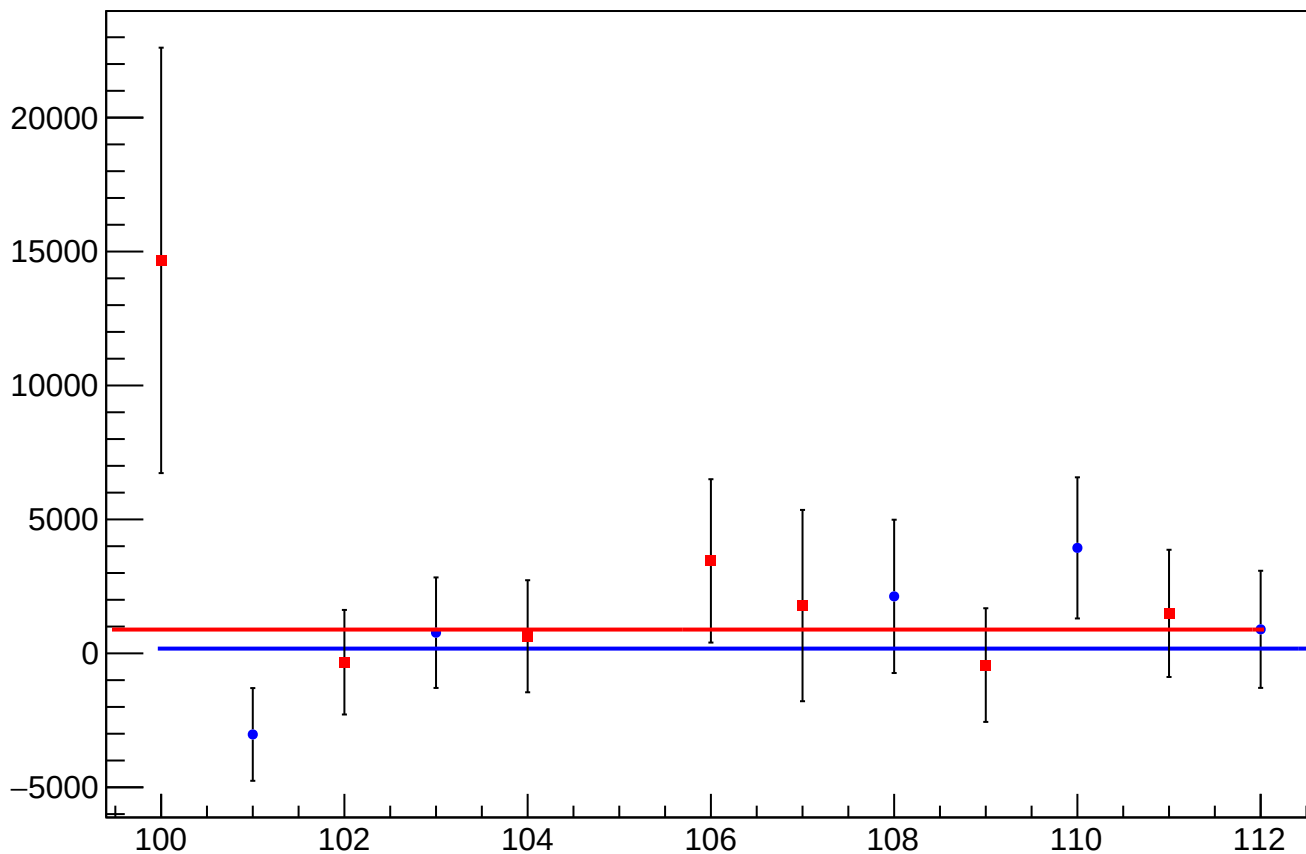
Right: 131.537+/-0.041 χ^2/NDF : 58682.2/11

In: 134.176+/-0.060 χ^2/NDF : 27314.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.537+/-0.041 χ^2/NDF : 58682.2/11

asym_sam_24_68_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 177.670+/-978.556 χ^2/NDF : 6.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 888.409+/-956.755 χ^2/NDF : 4.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

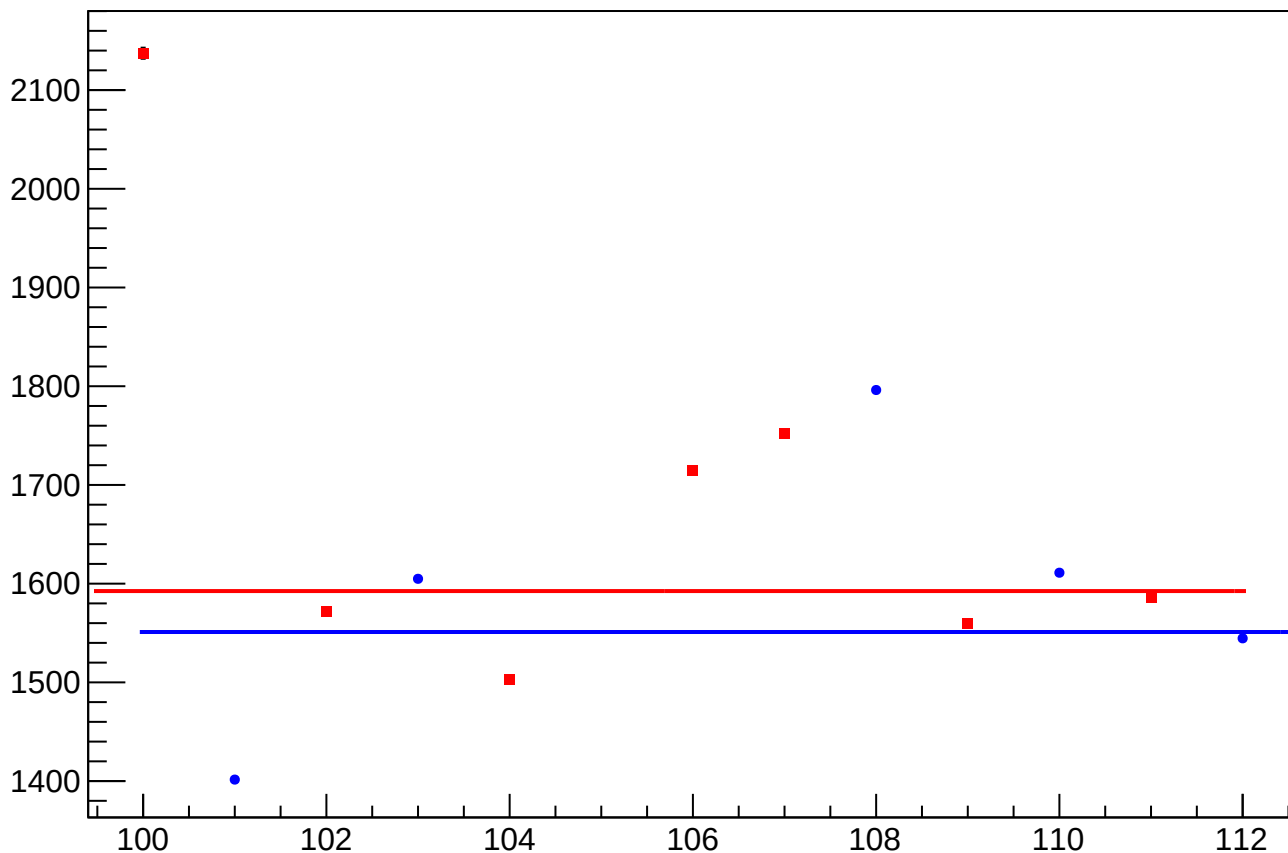
Right: 541.045+/-684.106 χ^2/NDF : 11.0/11

In: 177.670+/-978.556 χ^2/NDF : 6.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 541.045+/-684.106 χ^2/NDF : 11.0/11

asym_sam_24_68_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1551.022+/-0.692 χ^2/NDF : 32028.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1592.498+/-0.677 χ^2/NDF : 21035.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

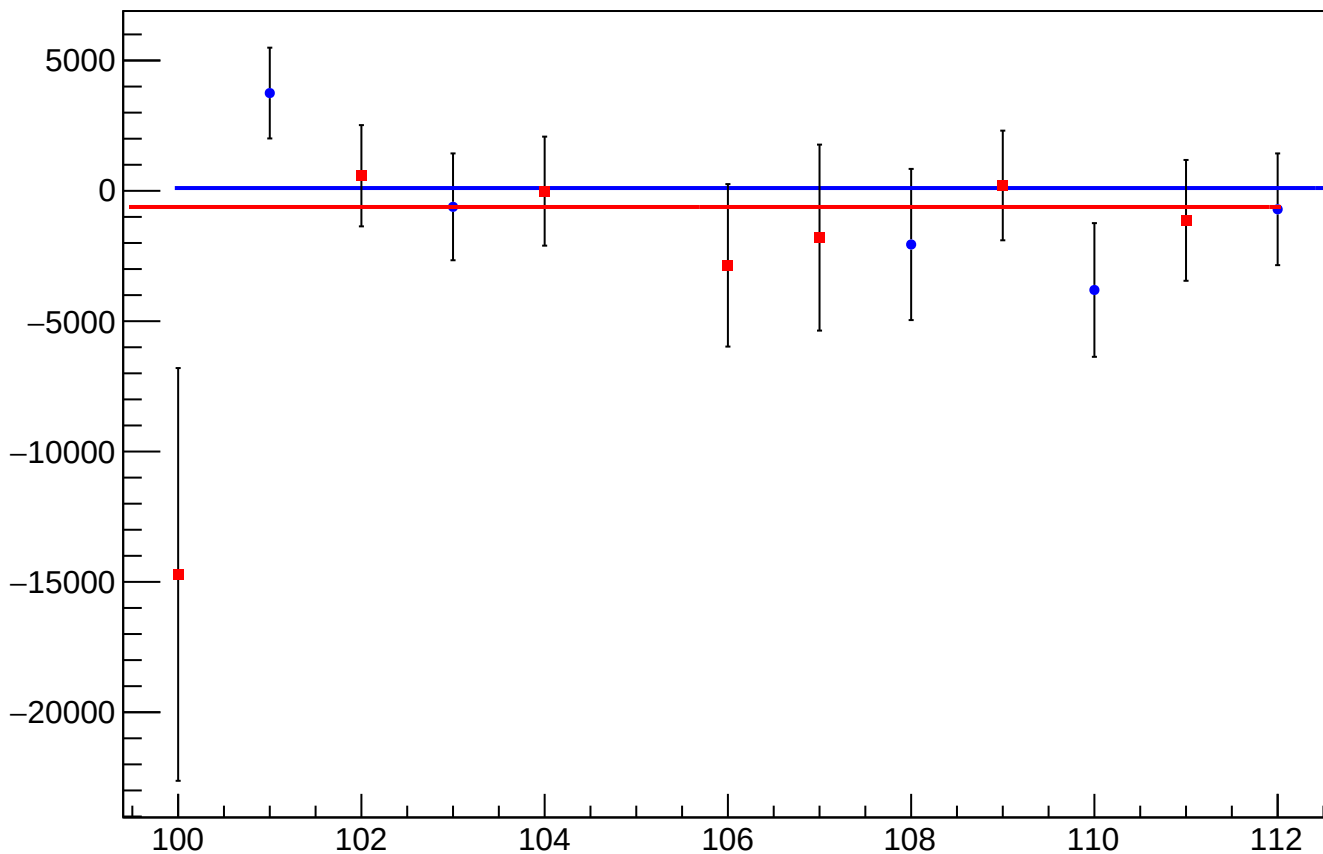
Right: 1572.227+/-0.484 χ^2/NDF : 54900.2/11

In: 1551.022+/-0.692 χ^2/NDF : 32028.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1572.227+/-0.484 χ^2/NDF : 54900.2/11

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 107.379+/-972.724 χ^2/NDF : 7.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -619.223+/-951.845 χ^2/NDF : 4.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

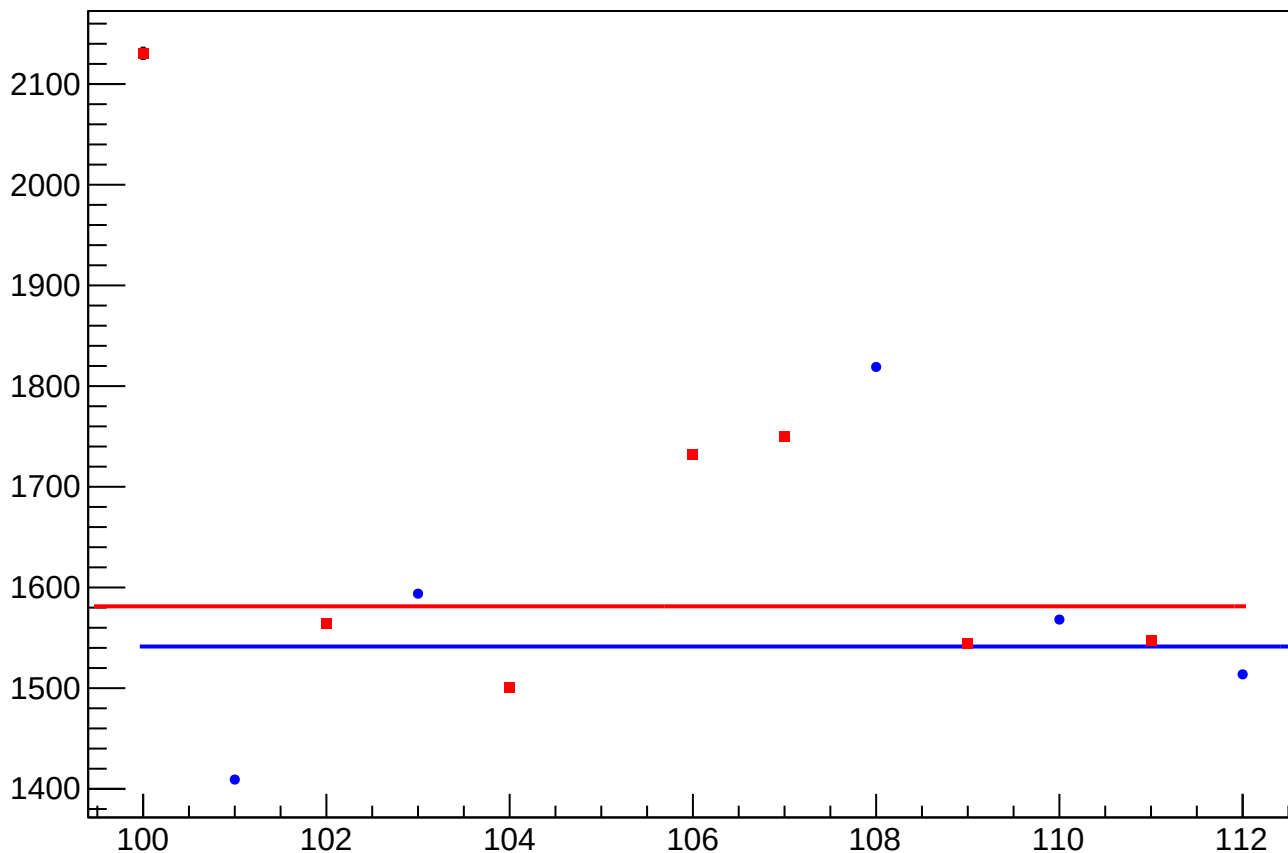
Right: -263.804+/-680.318 χ^2/NDF : 12.3/11

In: 107.379+/-972.724 χ^2/NDF : 7.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -263.804+/-680.318 χ^2/NDF : 12.3/11

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1541.375+/-0.688 χ^2/NDF : 31724.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1581.303+/-0.673 χ^2/NDF : 22892.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

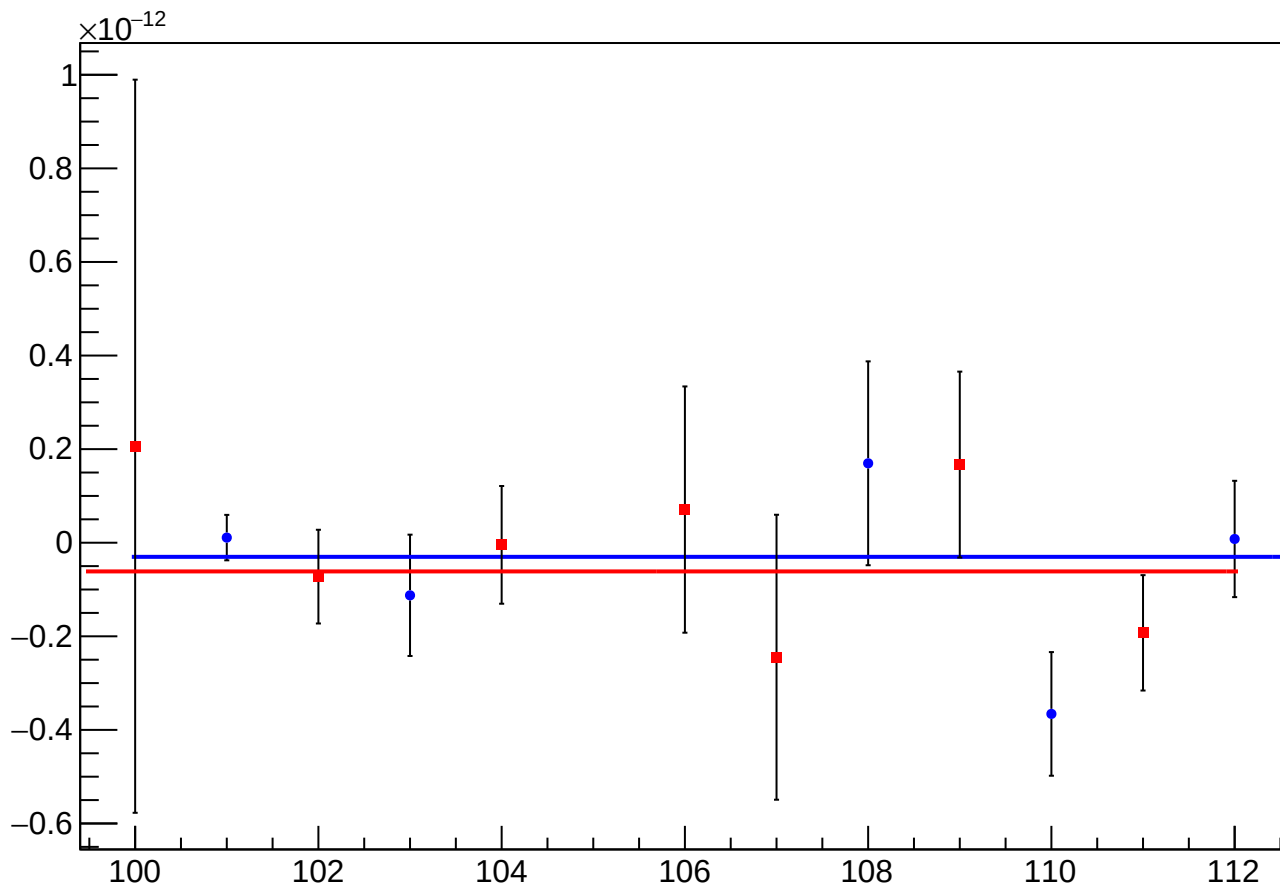
Right: 1561.772+/-0.481 χ^2/NDF : 56338.3/11

In: 1541.375+/-0.688 χ^2/NDF : 31724.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1561.772+/-0.481 χ^2/NDF : 56338.3/11

asym_sam_24_68_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

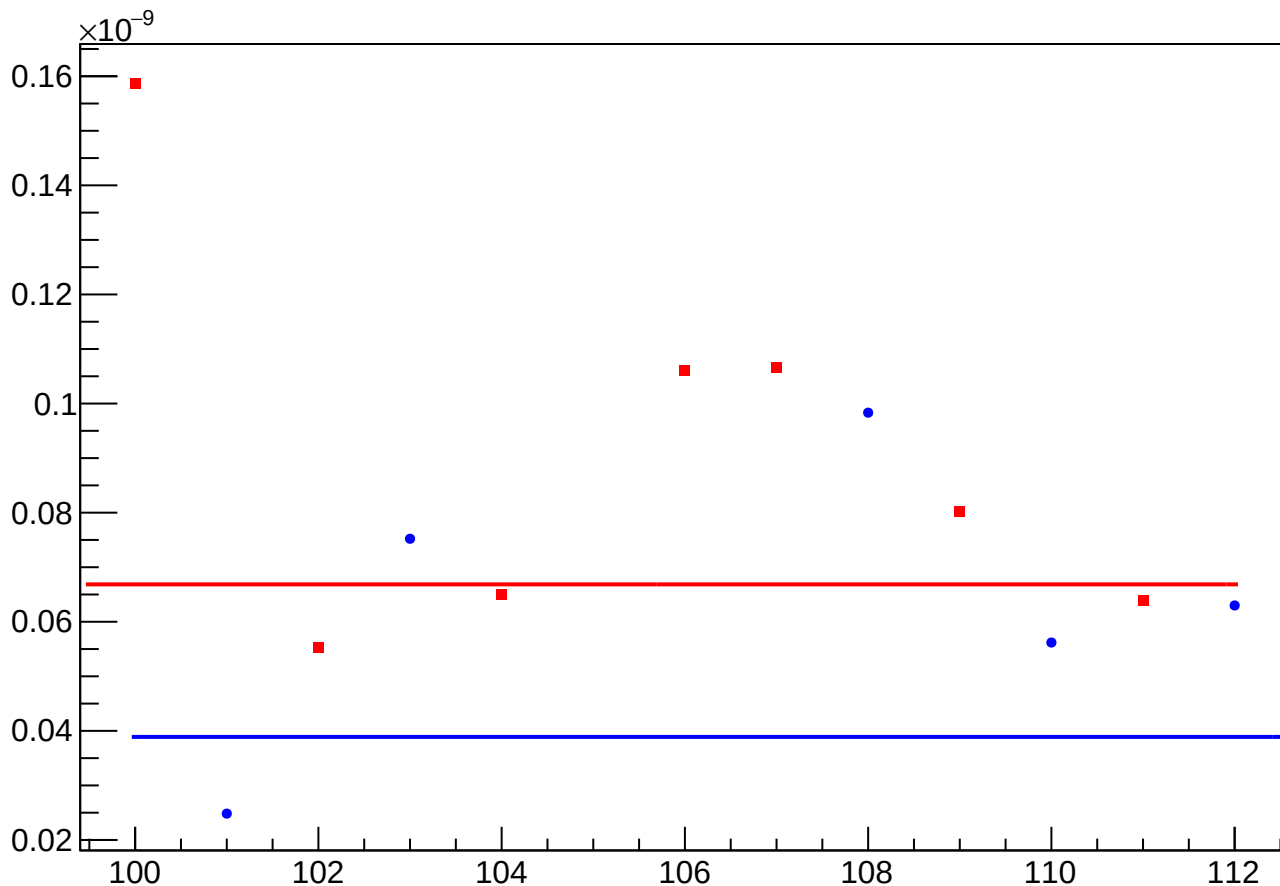
Right: -0.000+/-0.000 χ^2/NDF : 12.1/11

In: -0.000+/-0.000 χ^2/NDF : 8.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.1/11

asym_sam_24_68_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 583015.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 143627.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

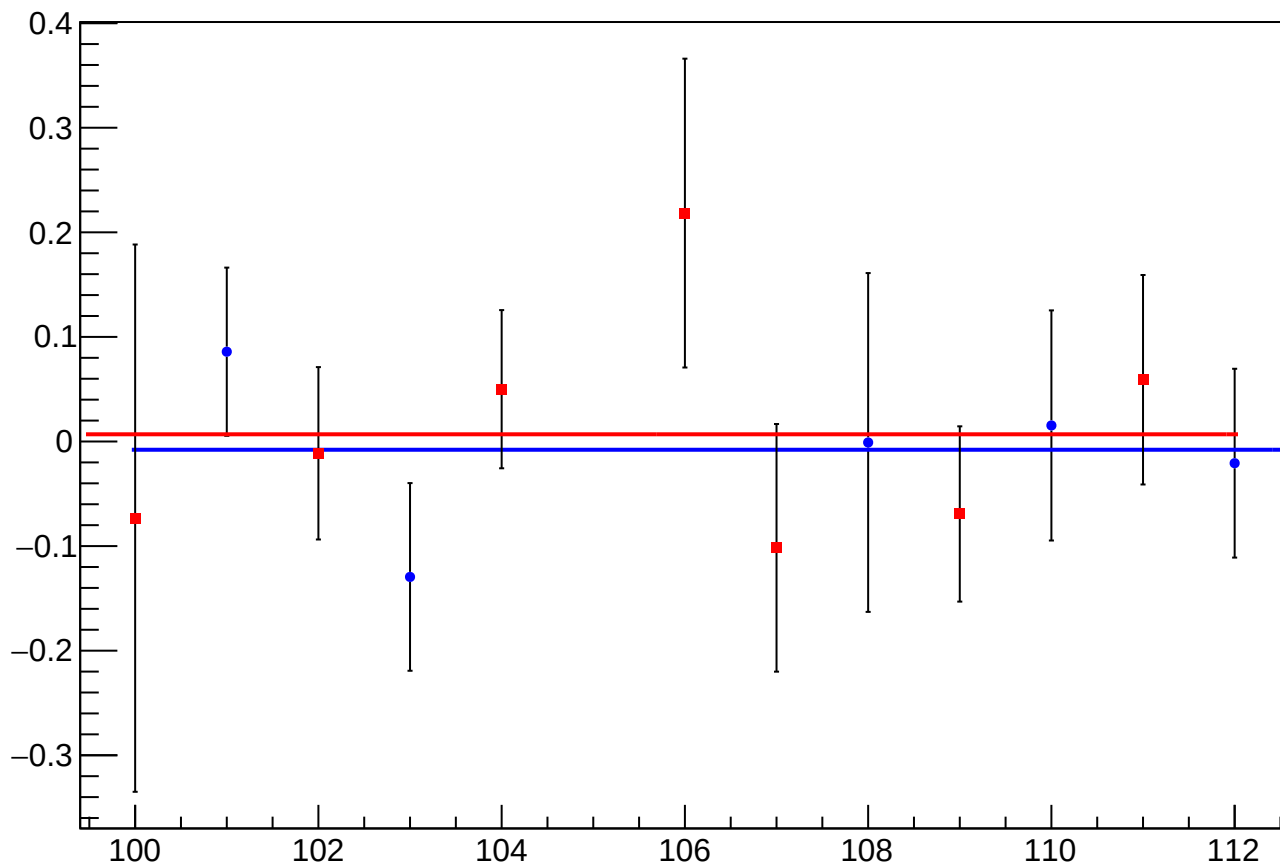
Right: 0.000+/-0.000 χ^2/NDF : 1029882.1/11

In: 0.000+/-0.000 χ^2/NDF : 583015.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1029882.1/11

asym_sam_24_68_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008+/-0.044 χ^2/NDF : 3.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.038 χ^2/NDF : 4.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

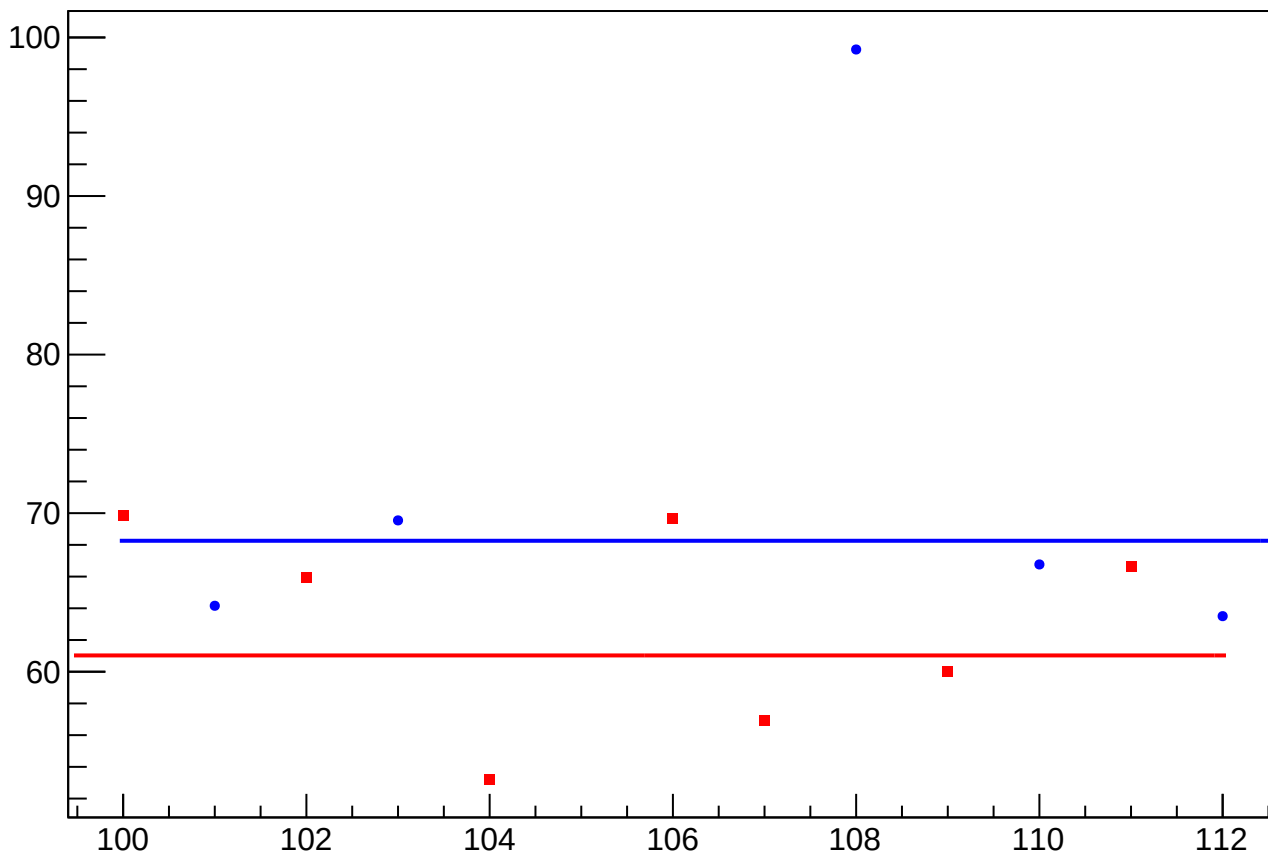
Right: 0.001+/-0.029 χ^2/NDF : 7.8/11

In: -0.008+/-0.044 χ^2/NDF : 3.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.029 χ^2/NDF : 7.8/11

asym_sam_24_68_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 68.258+/-0.031 χ^2/NDF : 84701.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.027+/-0.027 χ^2/NDF : 46676.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

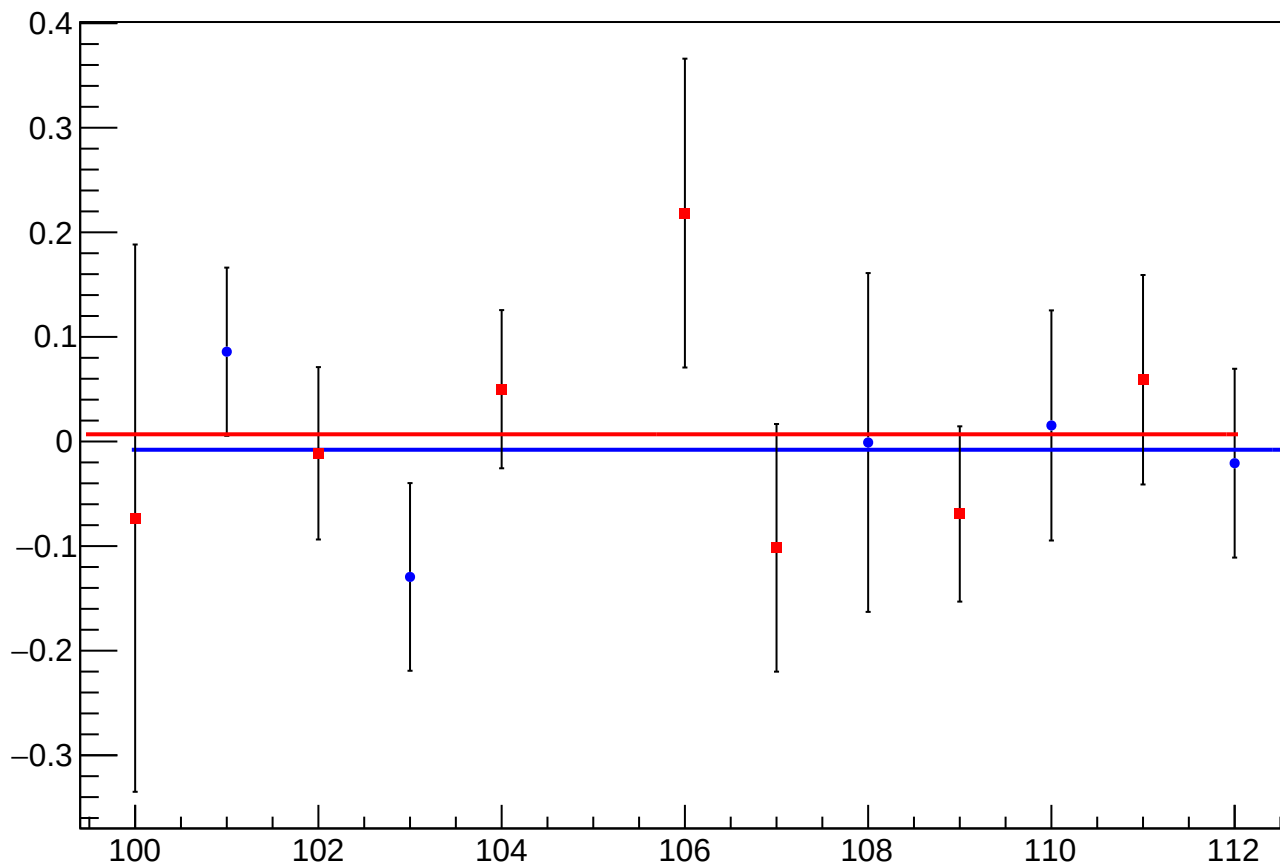
Right: 64.127+/-0.020 χ^2/NDF : 162583.4/11

In: 68.258+/-0.031 χ^2/NDF : 84701.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.127+/-0.020 χ^2/NDF : 162583.4/11

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008+/-0.044 χ^2/NDF : 3.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.038 χ^2/NDF : 4.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

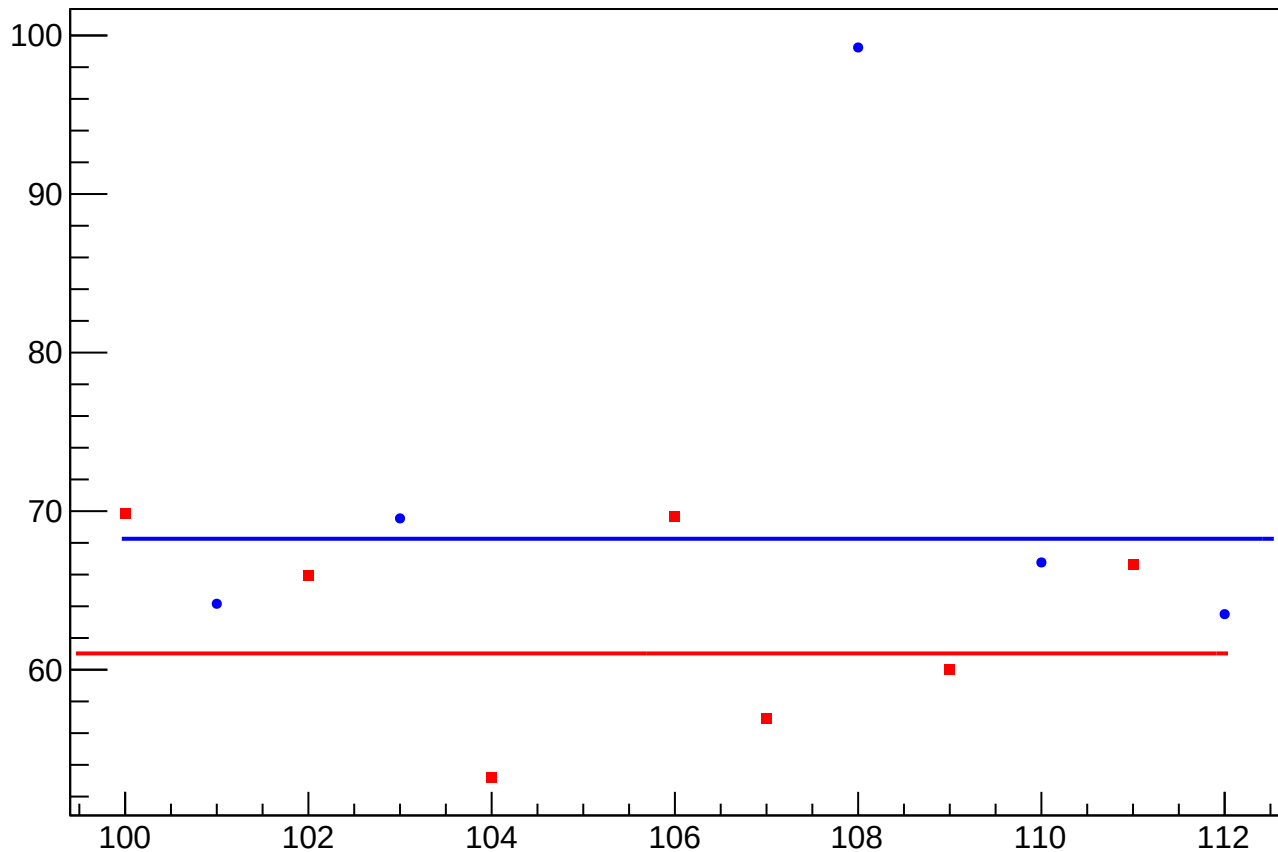
Right: 0.001+/-0.029 χ^2/NDF : 7.8/11

In: -0.008+/-0.044 χ^2/NDF : 3.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.029 χ^2/NDF : 7.8/11

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 68.258+/-0.031 χ^2/NDF : 84701.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.027+/-0.027 χ^2/NDF : 46676.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

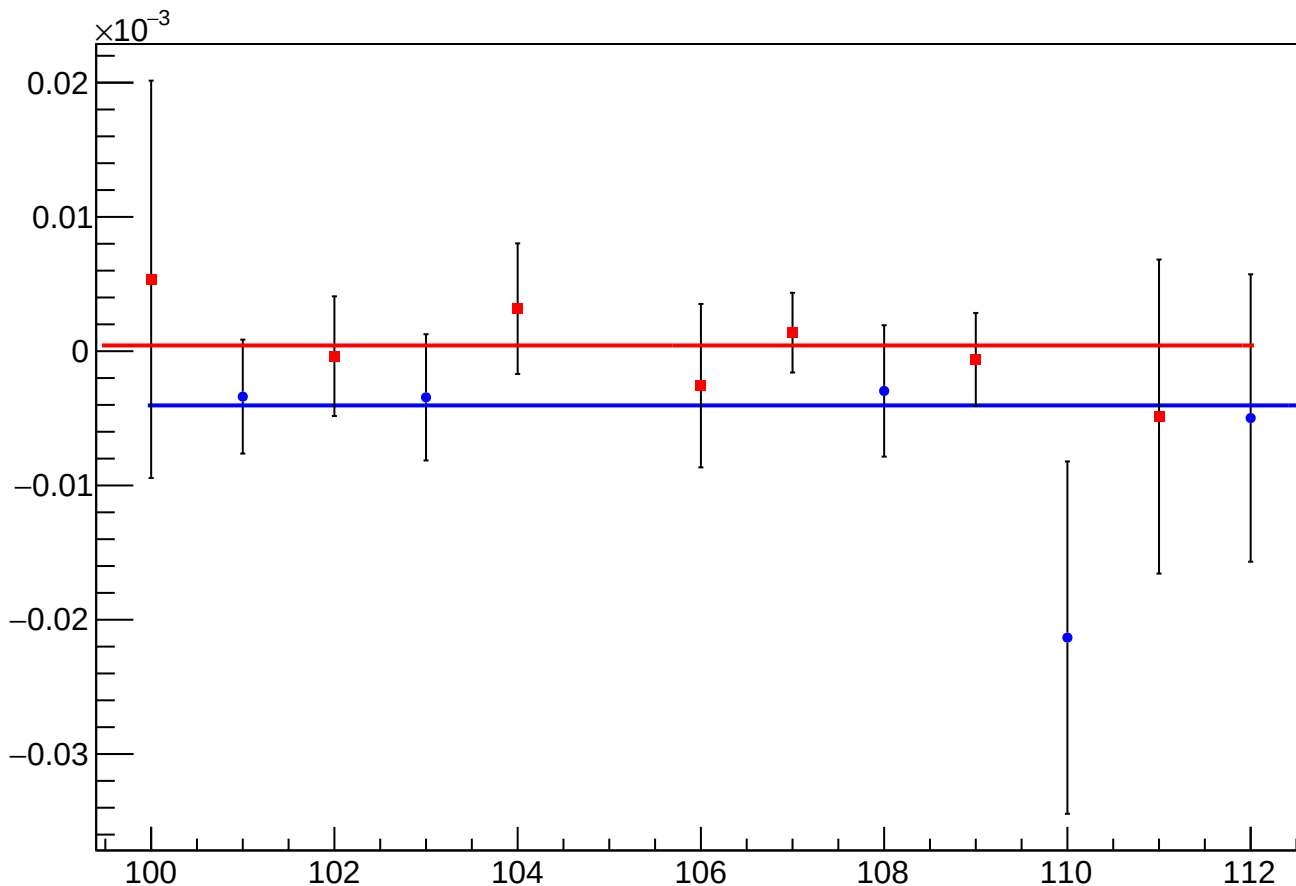
Right: 64.127+/-0.020 χ^2/NDF : 162583.4/11

In: 68.258+/-0.031 χ^2/NDF : 84701.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.127+/-0.020 χ^2/NDF : 162583.4/11

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

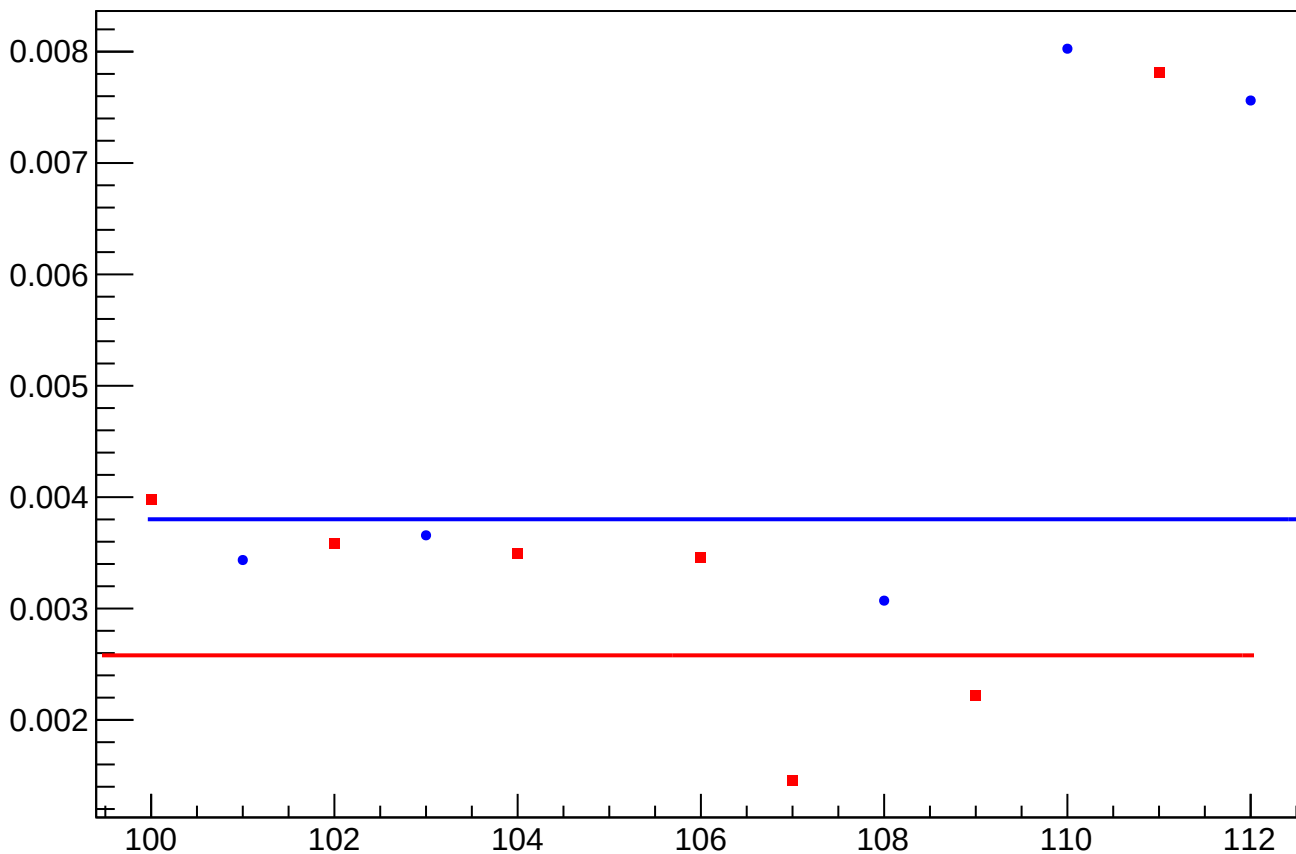
Right: -0.000+/-0.000 χ^2/NDF : 5.1/11

In: -0.000+/-0.000 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 5.1/11

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 515587.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 941173.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

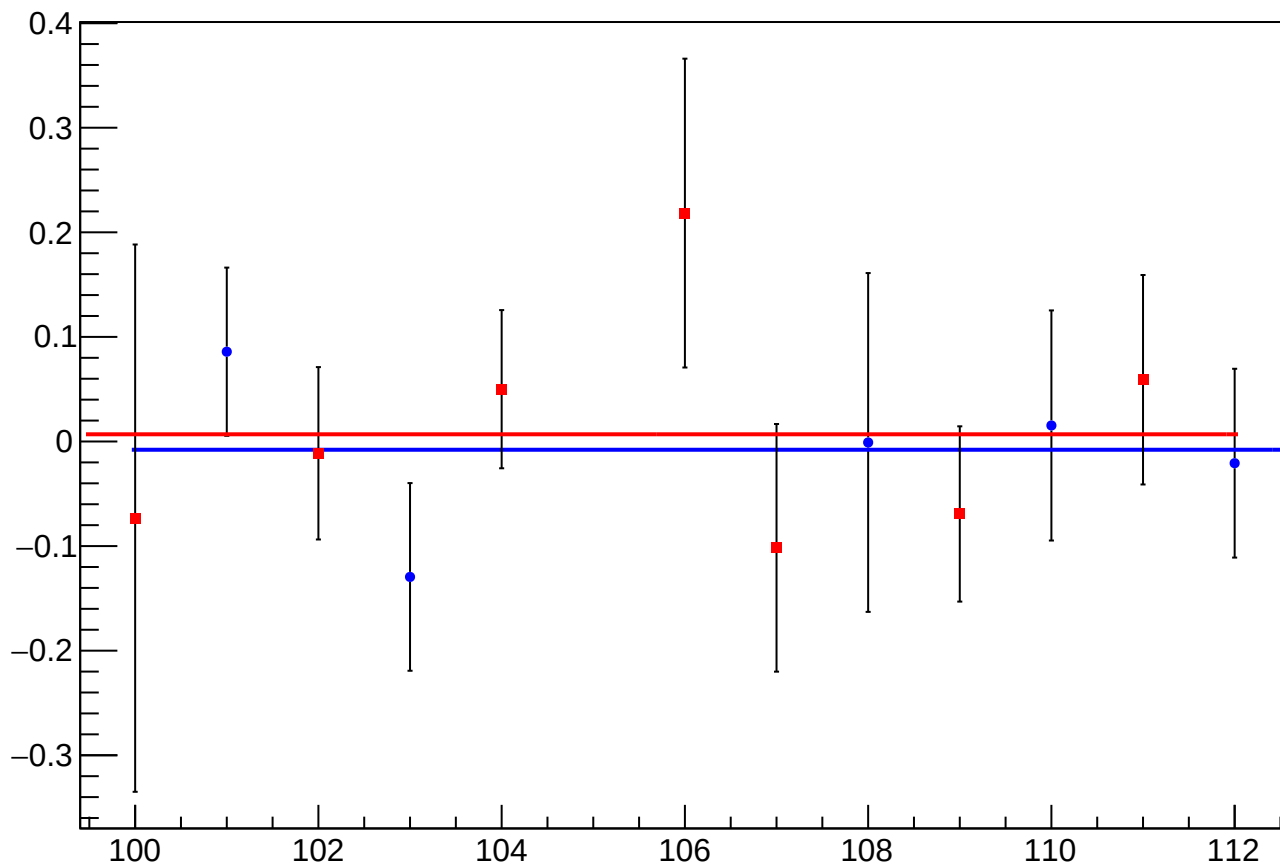
Right: 0.003+/-0.000 χ^2/NDF : 1774075.0/11

In: 0.004+/-0.000 χ^2/NDF : 515587.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 1774075.0/11

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008+/-0.044 χ^2/NDF : 3.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.038 χ^2/NDF : 4.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

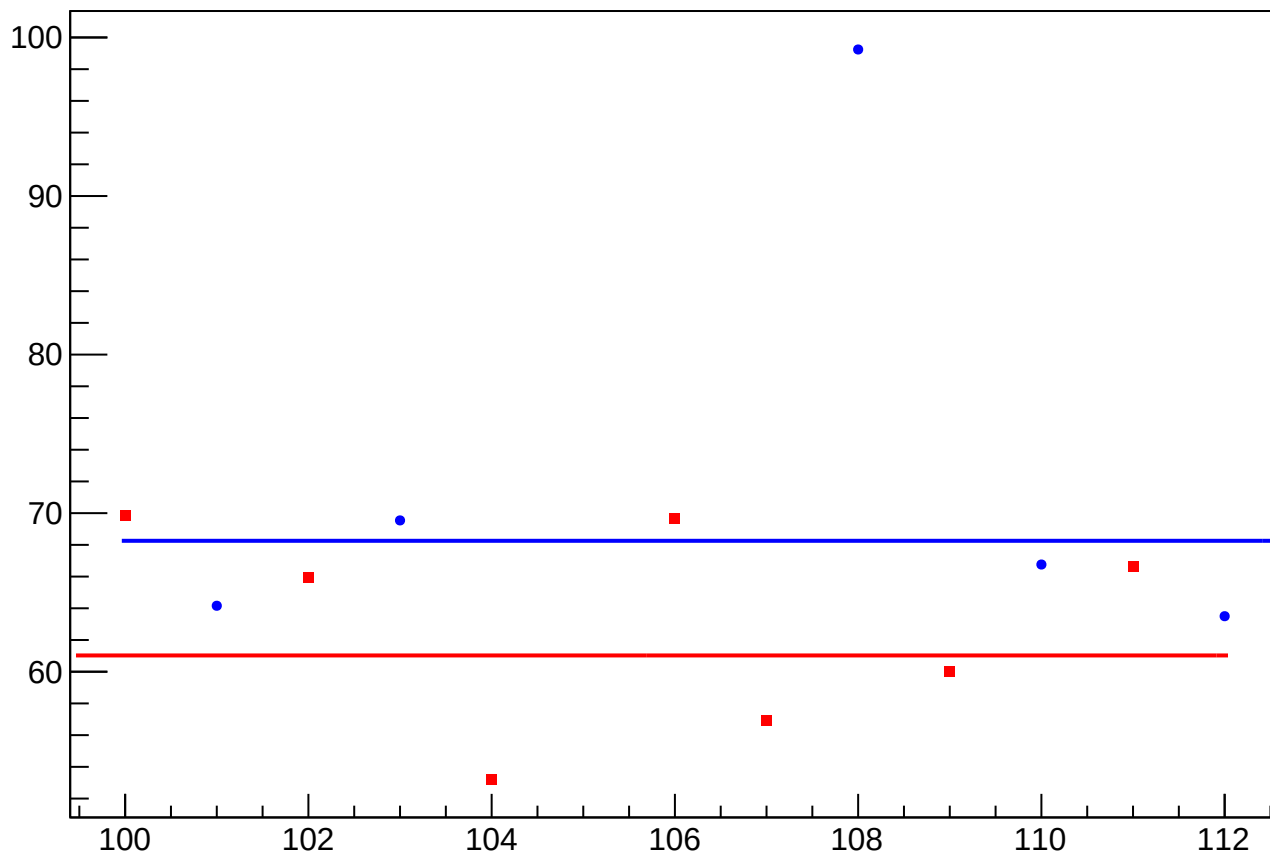
Right: 0.001+/-0.029 χ^2/NDF : 7.8/11

In: -0.008+/-0.044 χ^2/NDF : 3.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.029 χ^2/NDF : 7.8/11

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 68.256+/-0.031 χ^2/NDF : 84712.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.026+/-0.027 χ^2/NDF : 46668.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

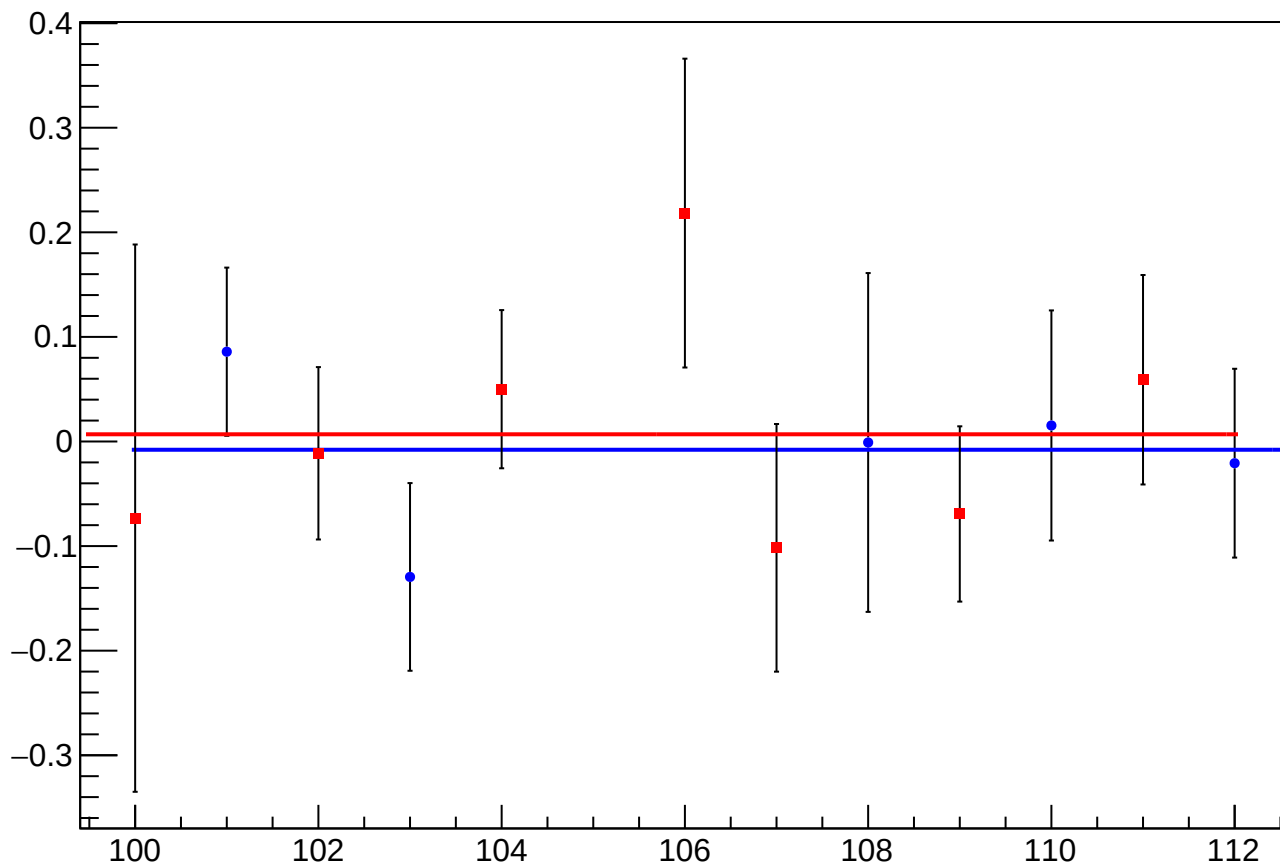
Right: 64.126+/-0.020 χ^2/NDF : 162580.6/11

In: 68.256+/-0.031 χ^2/NDF : 84712.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.126+/-0.020 χ^2/NDF : 162580.6/11

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 $\pm$ 0.044 χ^2 /NDF: 3.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.007 $\pm$ 0.038 χ^2 /NDF: 4.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

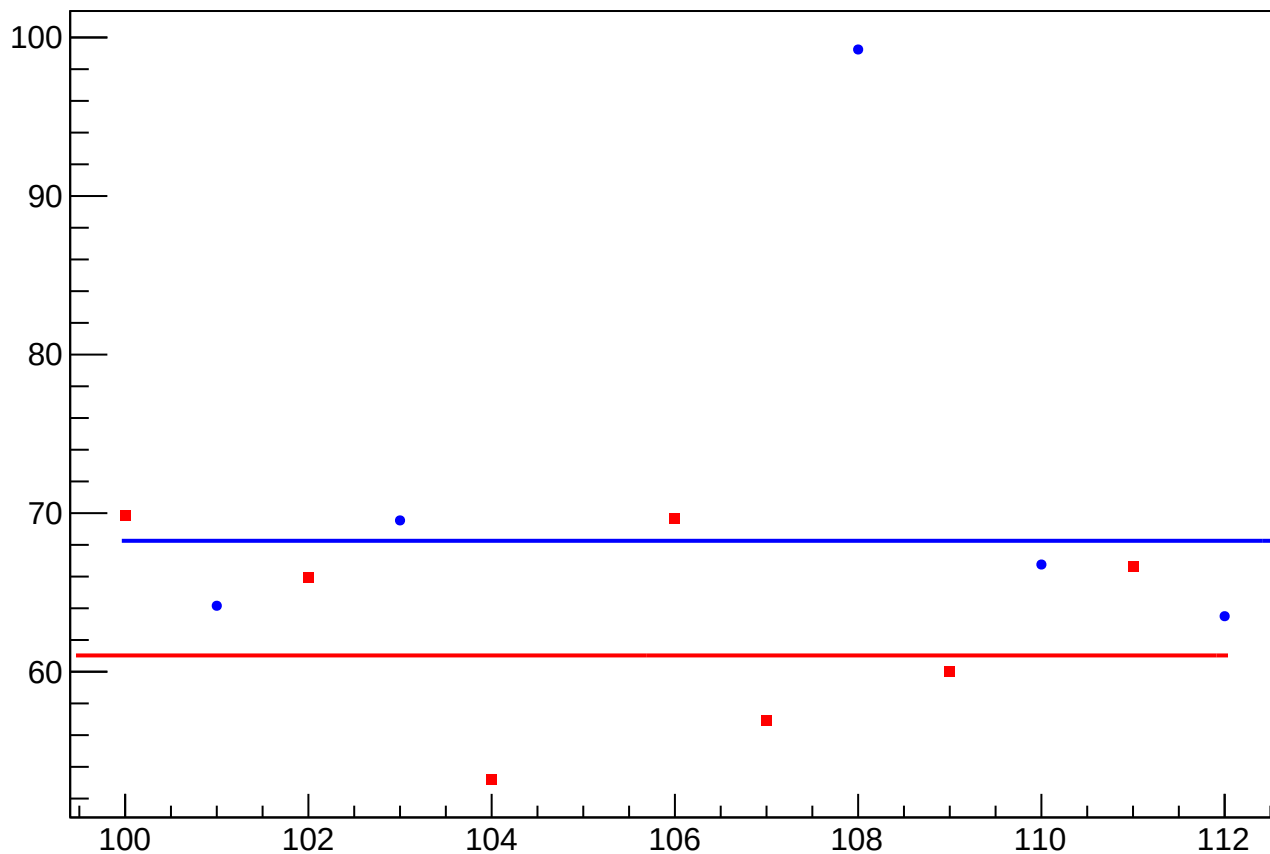
Right: 0.001 $\pm$ 0.029 χ^2 /NDF: 7.8/11

In: -0.008 $\pm$ 0.044 χ^2 /NDF:3.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.029 χ^2 /NDF: 7.8/11

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 68.256+/-0.031 χ^2/NDF : 84712.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.026+/-0.027 χ^2/NDF : 46668.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

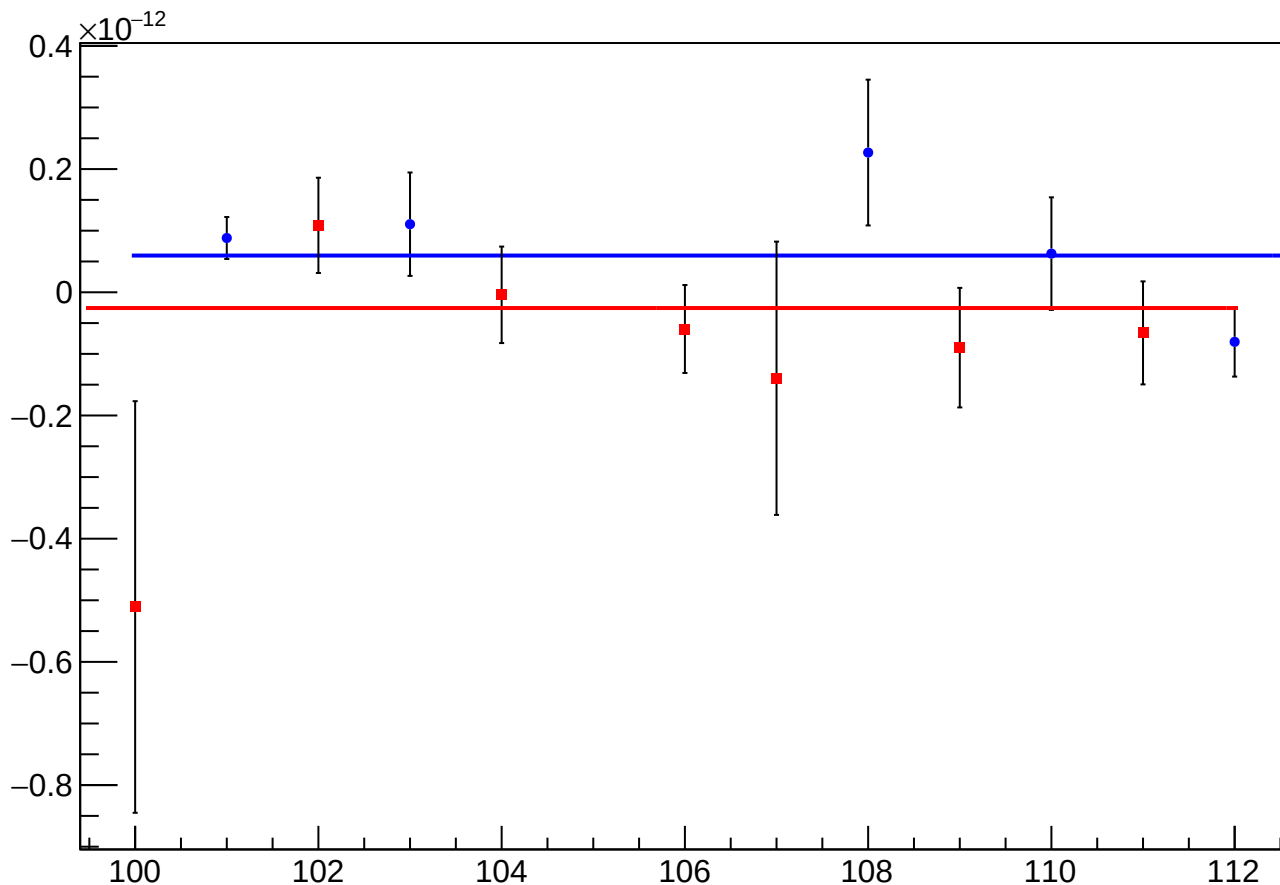
Right: 64.126+/-0.020 χ^2/NDF : 162580.6/11

In: 68.256+/-0.031 χ^2/NDF : 84712.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.126+/-0.020 χ^2/NDF : 162580.6/11

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

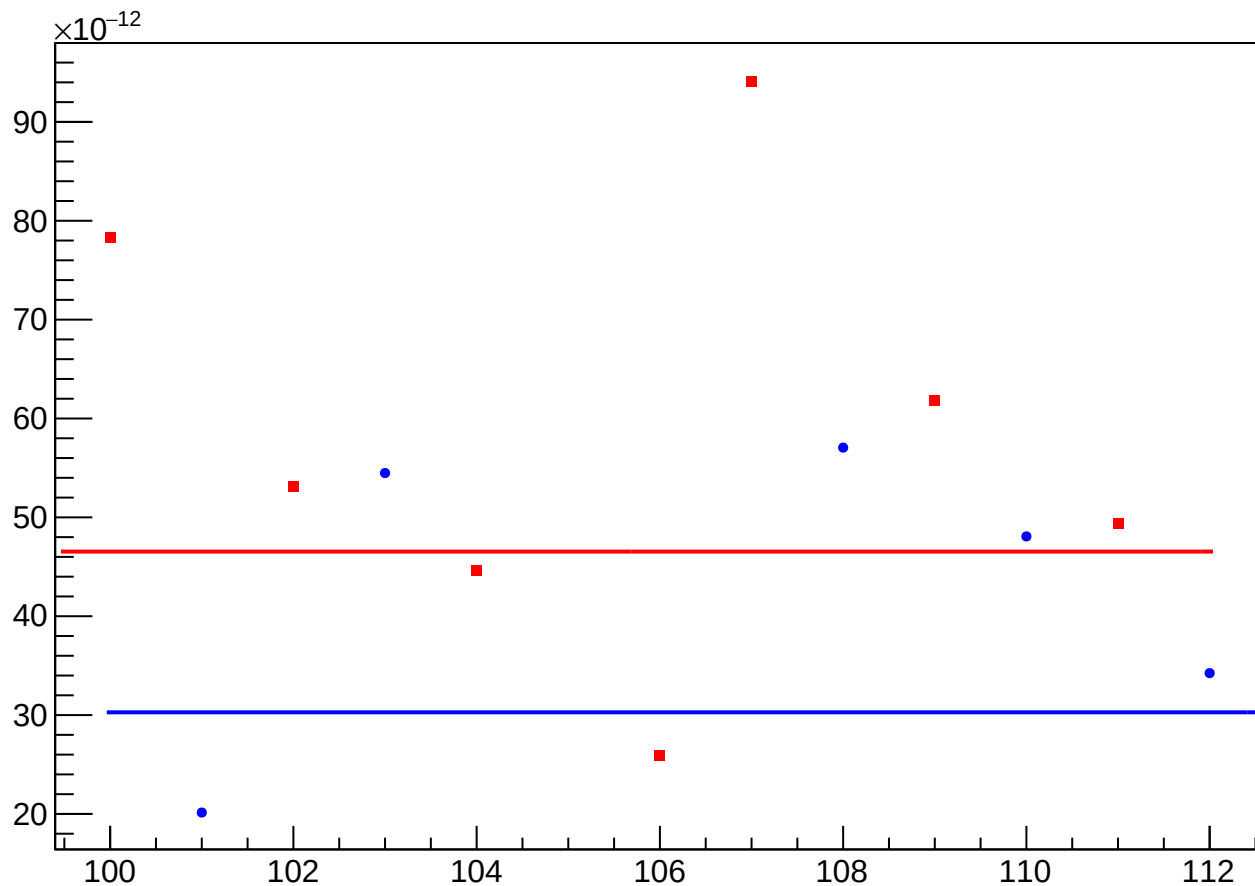
Right: 0.000+/-0.000 χ^2/NDF : 19.4/11

In: 0.000+/-0.000 χ^2/NDF : 9.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.4/11

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 531590.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 345006.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

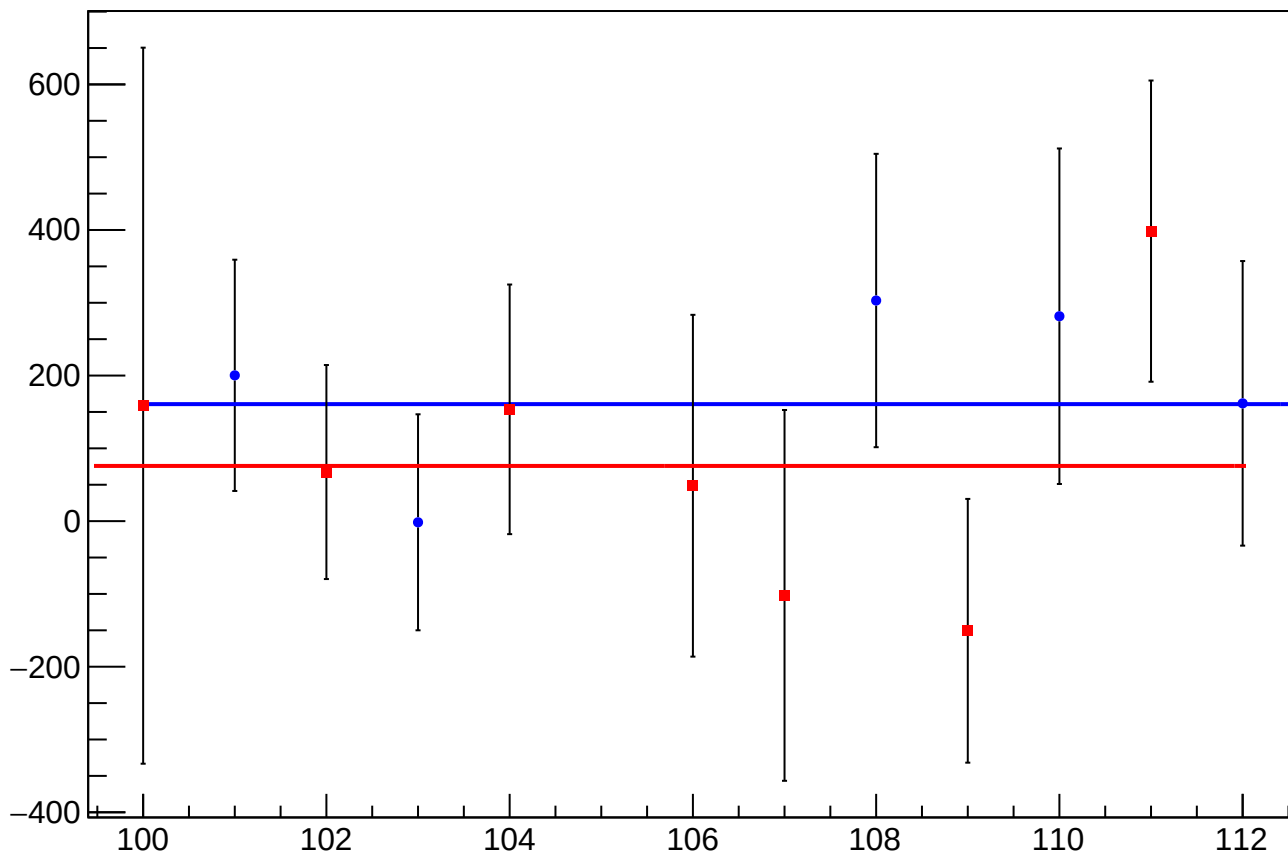
Right: 0.000+/-0.000 χ^2/NDF : 1154247.4/11

In: 0.000+/-0.000 χ^2/NDF : 531590.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1154247.4/11

reg_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 160.760 $\pm$ 80.411 χ^2 /NDF: 2.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 75.842 $\pm$ 76.298 χ^2 /NDF: 4.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

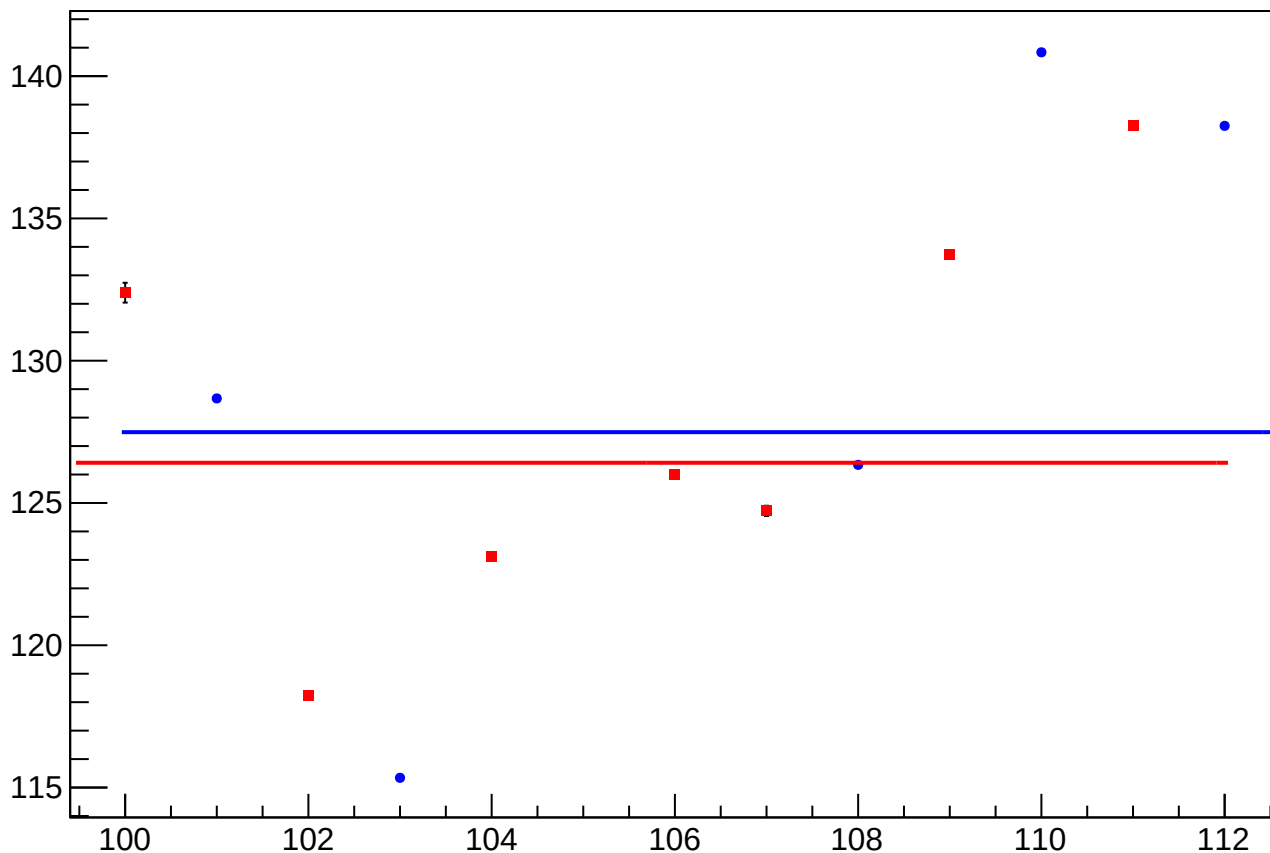
Right: 116.074 $\pm$ 55.348 χ^2 /NDF: 7.4/11

In: 160.760 $\pm$ 80.411 χ^2 /NDF: 2.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 116.074 $\pm$ 55.348 χ^2 /NDF: 7.4/11

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 127.489+/-0.057 χ^2/NDF : 26351.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.413+/-0.054 χ^2/NDF : 17161.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

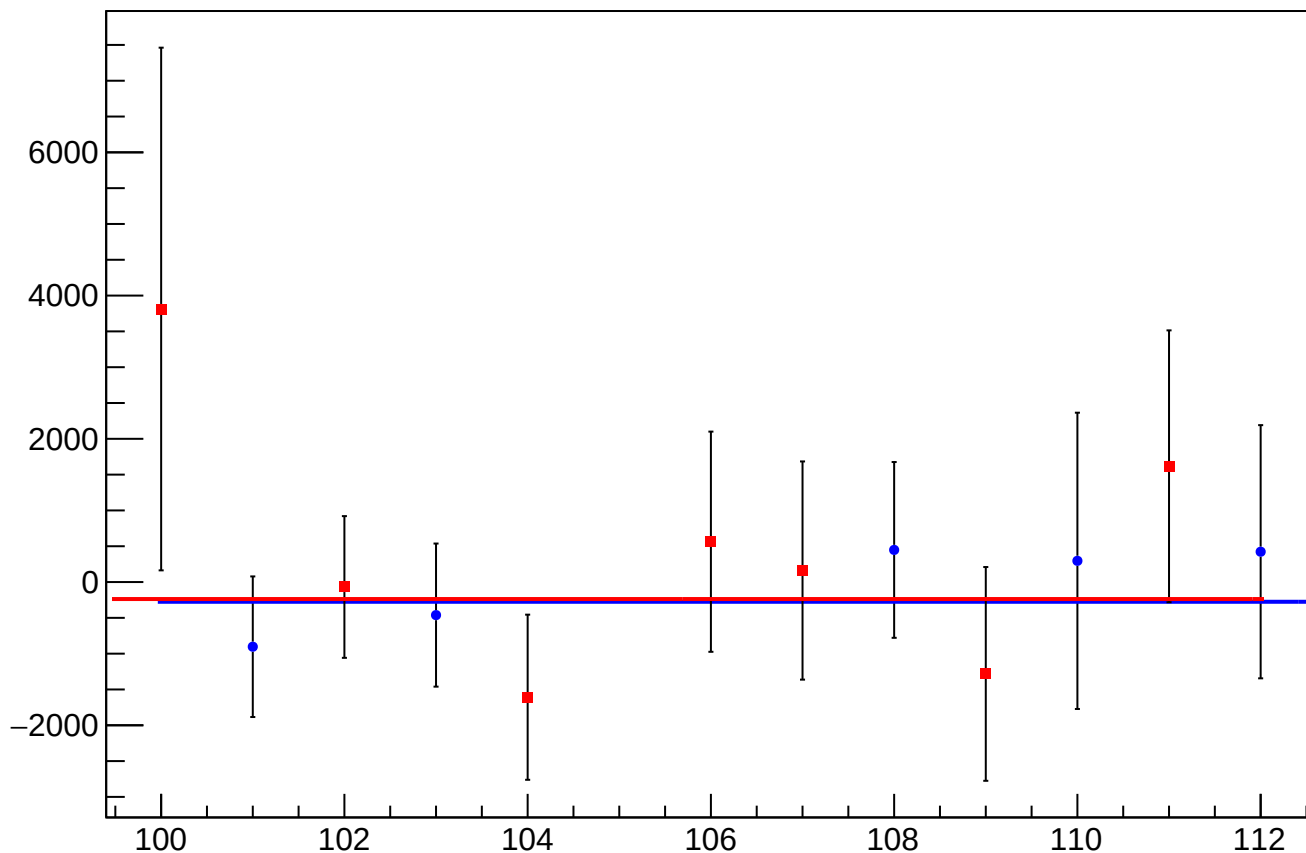
Right: 126.923+/-0.039 χ^2/NDF : 43701.4/11

In: 127.489+/-0.057 χ^2/NDF : 26351.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.923+/-0.039 χ^2/NDF : 43701.4/11

asym_sam_26_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -275.450+/-554.082 χ^2/NDF : 1.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -237.262+/-539.994 χ^2/NDF : 4.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

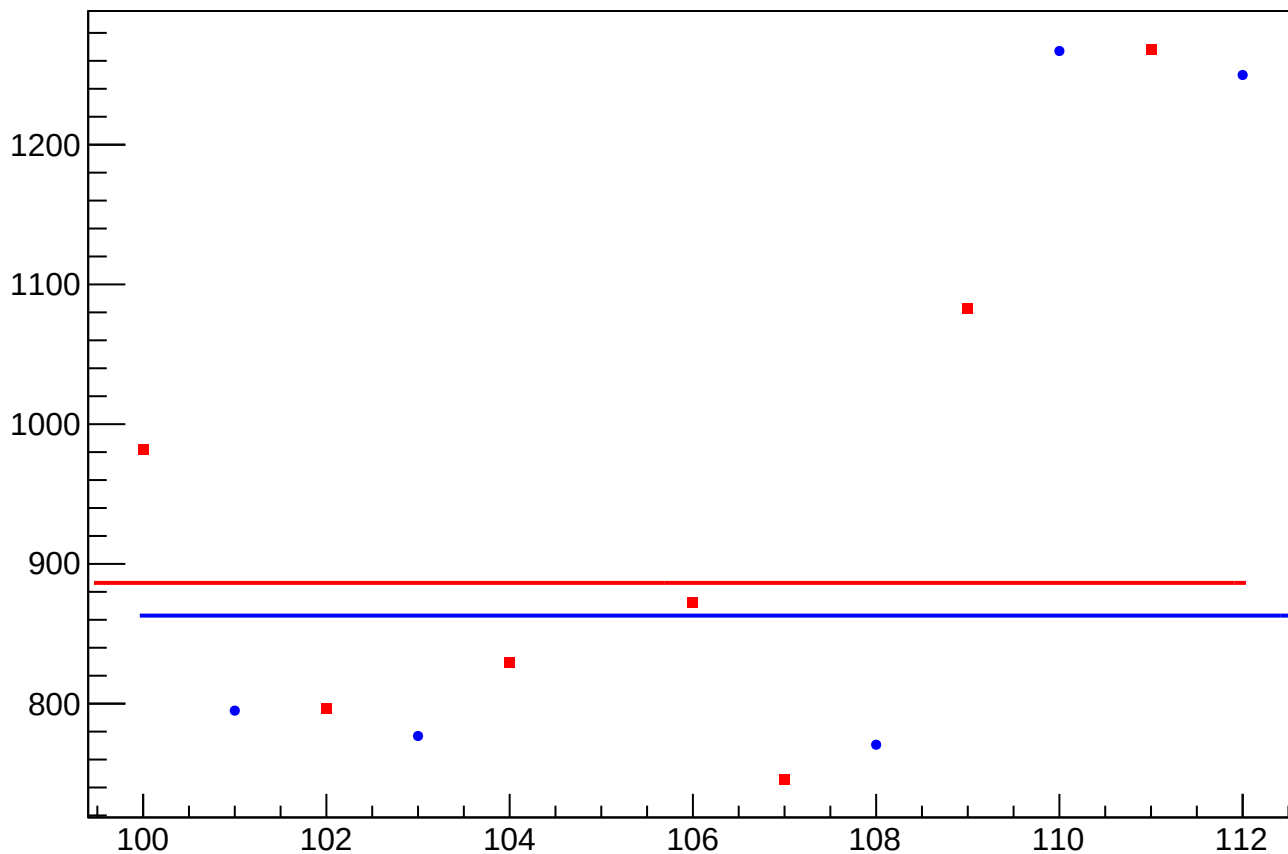
Right: -255.864+/-386.718 χ^2/NDF : 5.5/11

In: -275.450+/-554.082 χ^2/NDF : 1.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -255.864+/-386.718 χ^2/NDF : 5.5/11

asym_sam_26_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 863.005+/-0.392 χ^2/NDF : 207893.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 886.417+/-0.382 χ^2/NDF : 155477.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

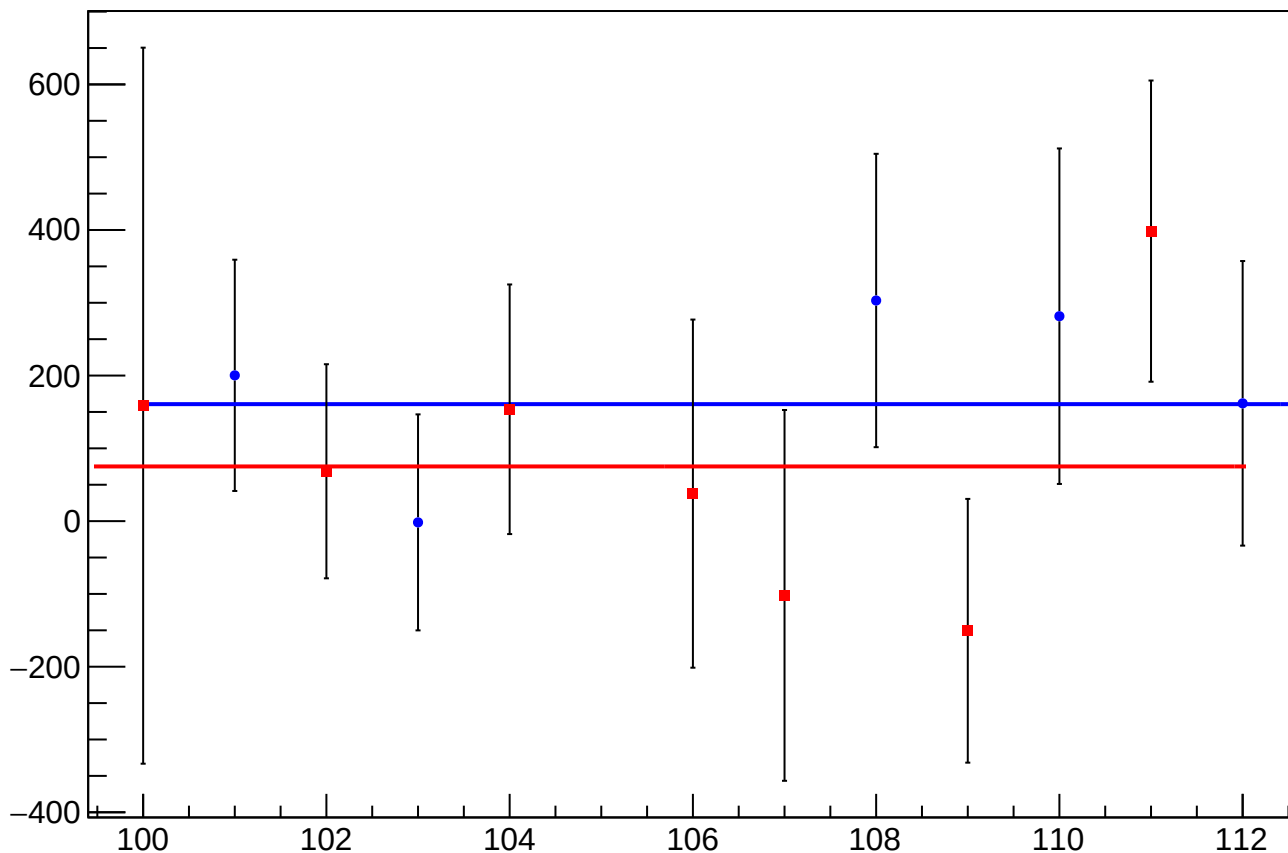
Right: 875.013+/-0.273 χ^2/NDF : 365201.8/11

In: 863.005+/-0.392 χ^2/NDF : 207893.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 875.013+/-0.273 χ^2/NDF : 365201.8/11

cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 160.738 $\pm$ 80.411 χ^2 /NDF: 2.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 75.140 $\pm$ 76.451 χ^2 /NDF: 4.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

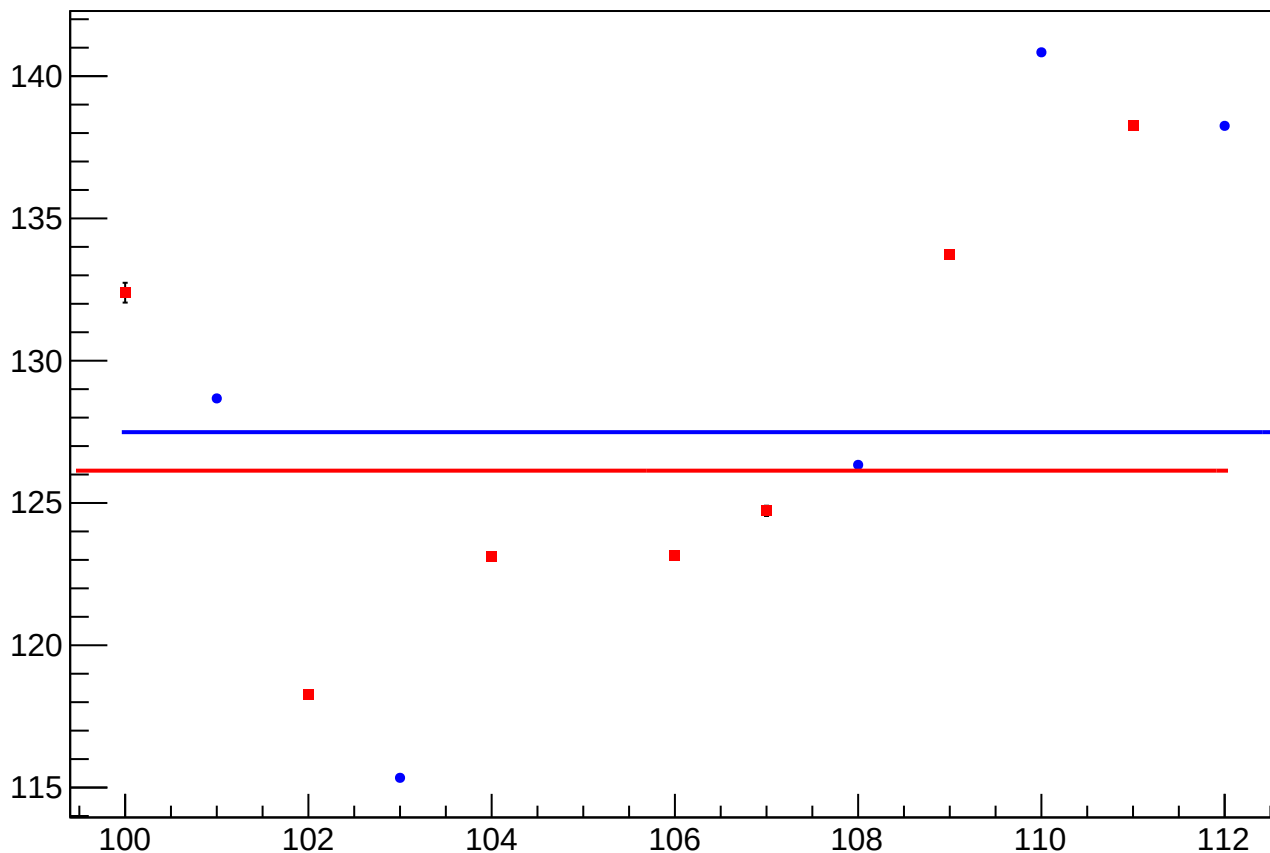
Right: 115.779 $\pm$ 55.406 χ^2 /NDF: 7.4/11

In: 160.738 $\pm$ 80.411 χ^2 /NDF:2.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 115.779 $\pm$ 55.406 χ^2 /NDF: 7.4/11

cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 127.489 $\pm$ 0.057 χ^2 /NDF: 26351.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 126.136 $\pm$ 0.054 χ^2 /NDF: 17434.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

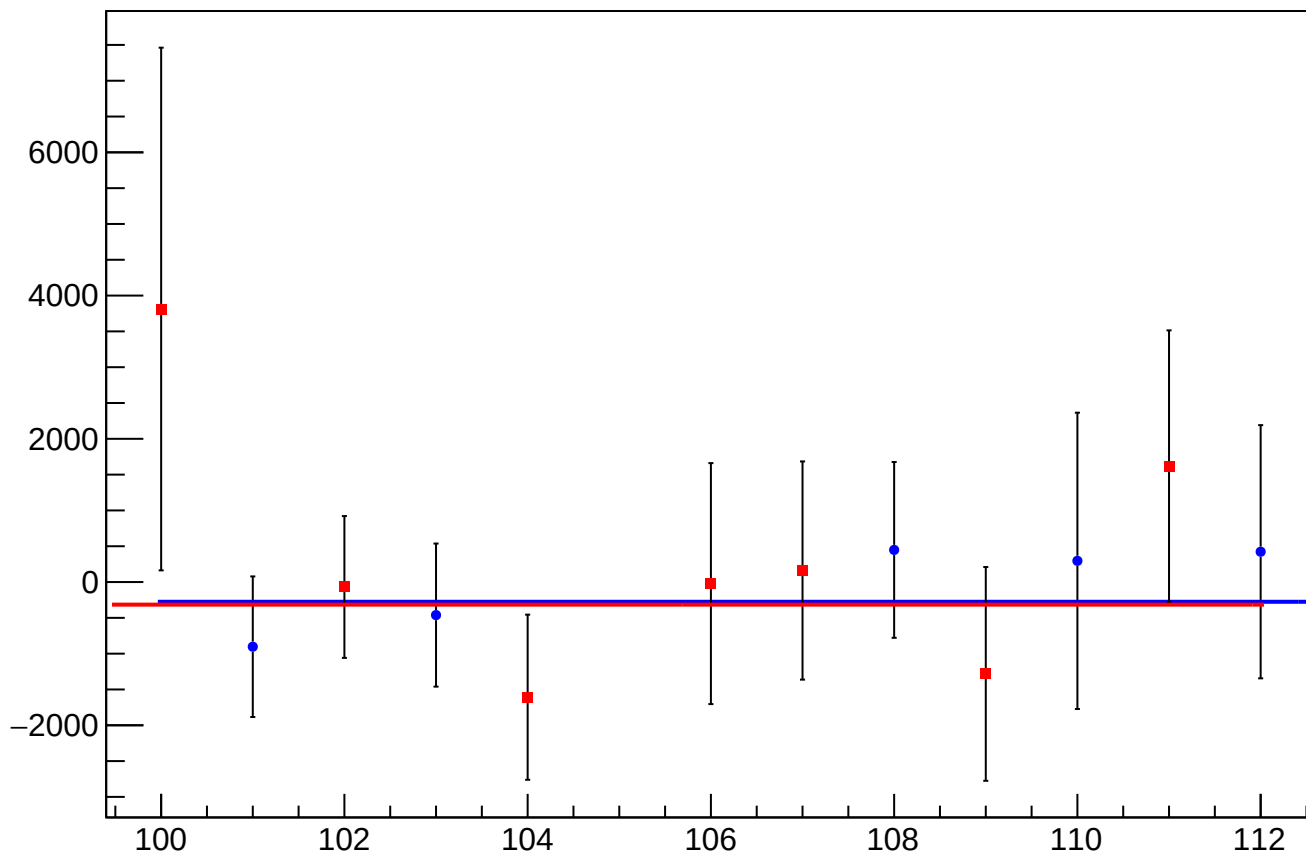
Right: 126.778 $\pm$ 0.039 χ^2 /NDF: 44083.3/11

In: 127.489 $\pm$ 0.057 χ^2 /NDF:26351.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 126.778 $\pm$ 0.039 χ^2 /NDF: 44083.3/11

asym_sam_26_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -275.383+/-554.087 χ^2/NDF : 1.0/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -315.410+/-545.686 χ^2/NDF : 4.2/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

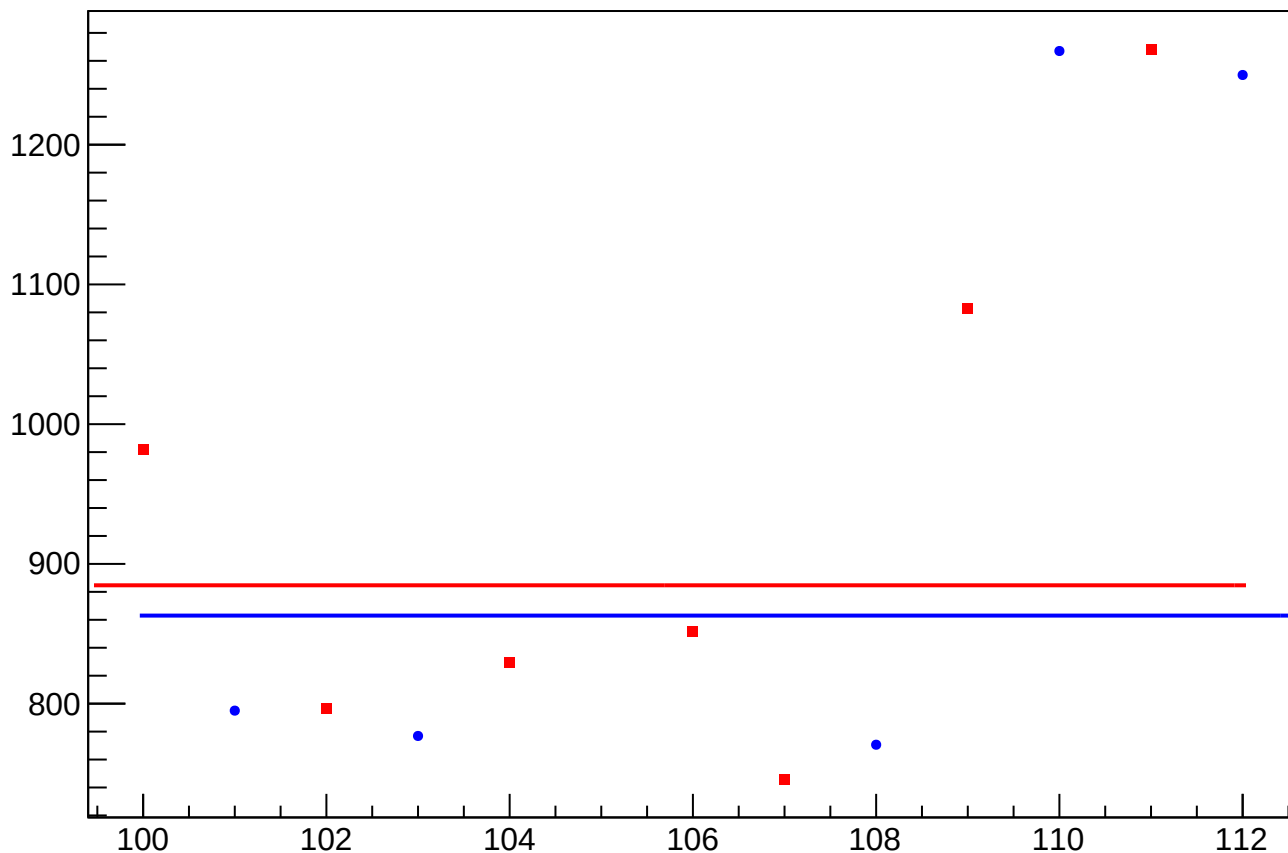
Right: -295.702+/-388.795 χ^2/NDF : 5.2/11

In: -275.383+/-554.087 χ^2/NDF :1.0/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -295.702+/-388.795 χ^2/NDF : 5.2/11

asym_sam_26_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 863.013+/-0.392 χ^2/NDF : 207885.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 884.694+/-0.386 χ^2/NDF : 155938.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

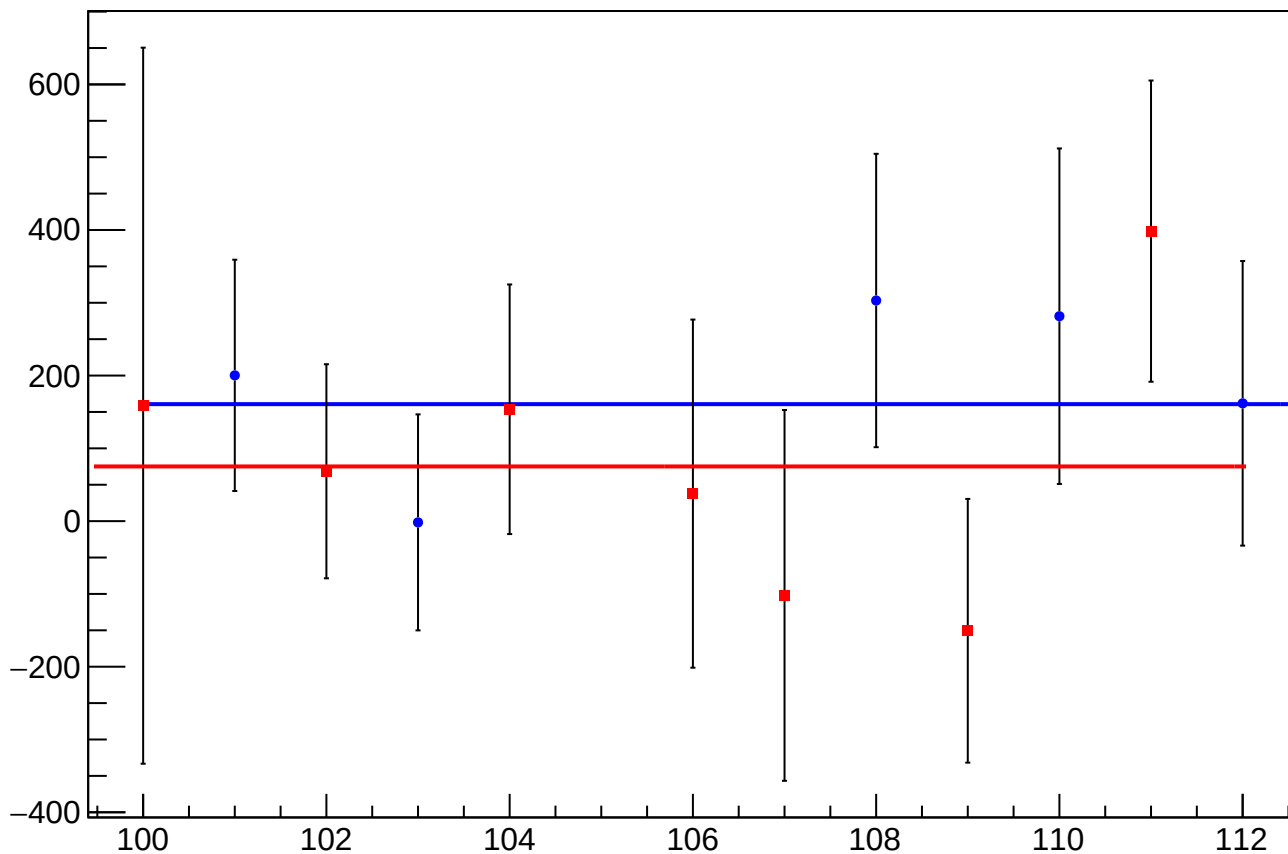
Right: 874.019+/-0.275 χ^2/NDF : 365378.5/11

In: 863.013+/-0.392 χ^2/NDF : 207885.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 874.019+/-0.275 χ^2/NDF : 365378.5/11

eigen_cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 160.738 $\pm$ 80.411 χ^2 /NDF: 2.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 75.140 $\pm$ 76.451 χ^2 /NDF: 4.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

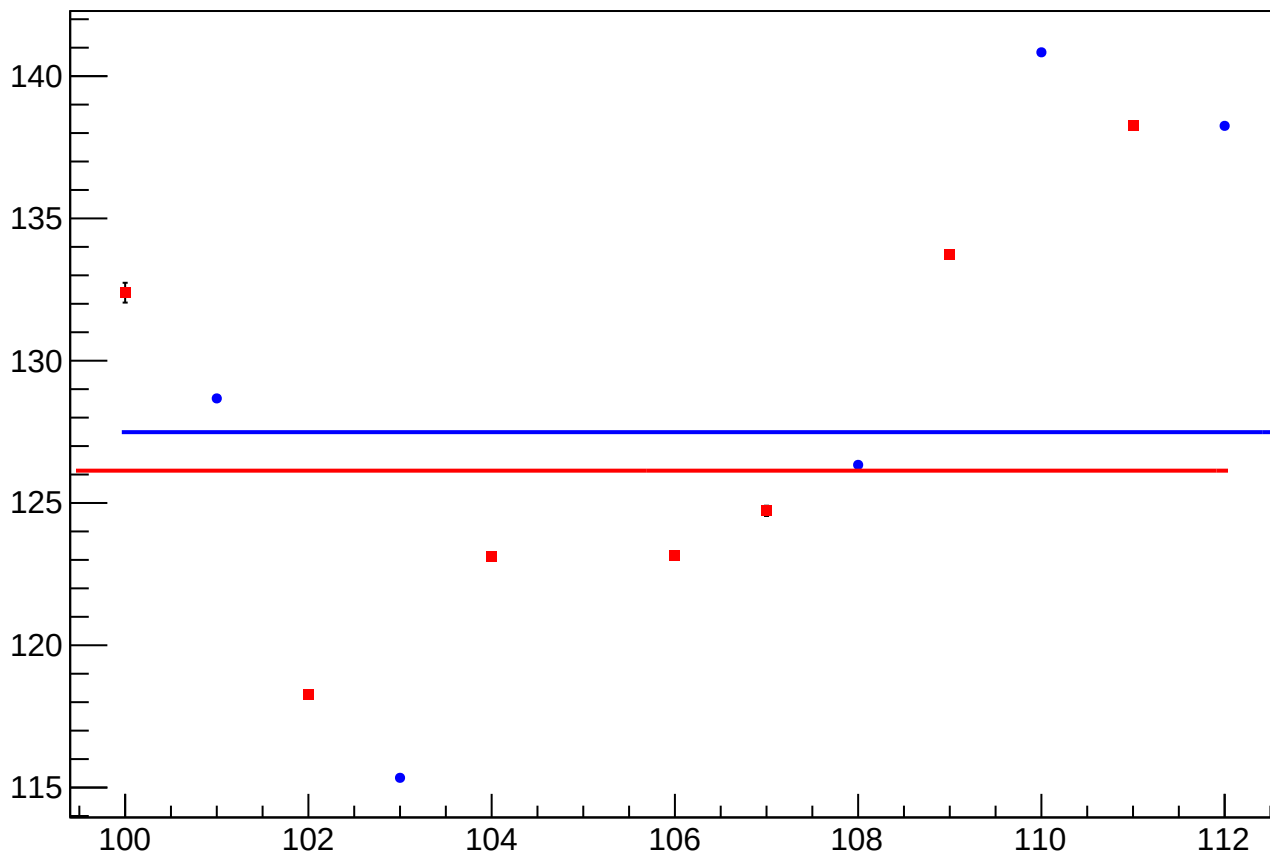
Right: 115.779 $\pm$ 55.406 χ^2 /NDF: 7.4/11

In: 160.738 $\pm$ 80.411 χ^2 /NDF:2.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 115.779 $\pm$ 55.406 χ^2 /NDF: 7.4/11

eigen_cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 127.489+/-0.057 χ^2/NDF : 26351.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.136+/-0.054 χ^2/NDF : 17434.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

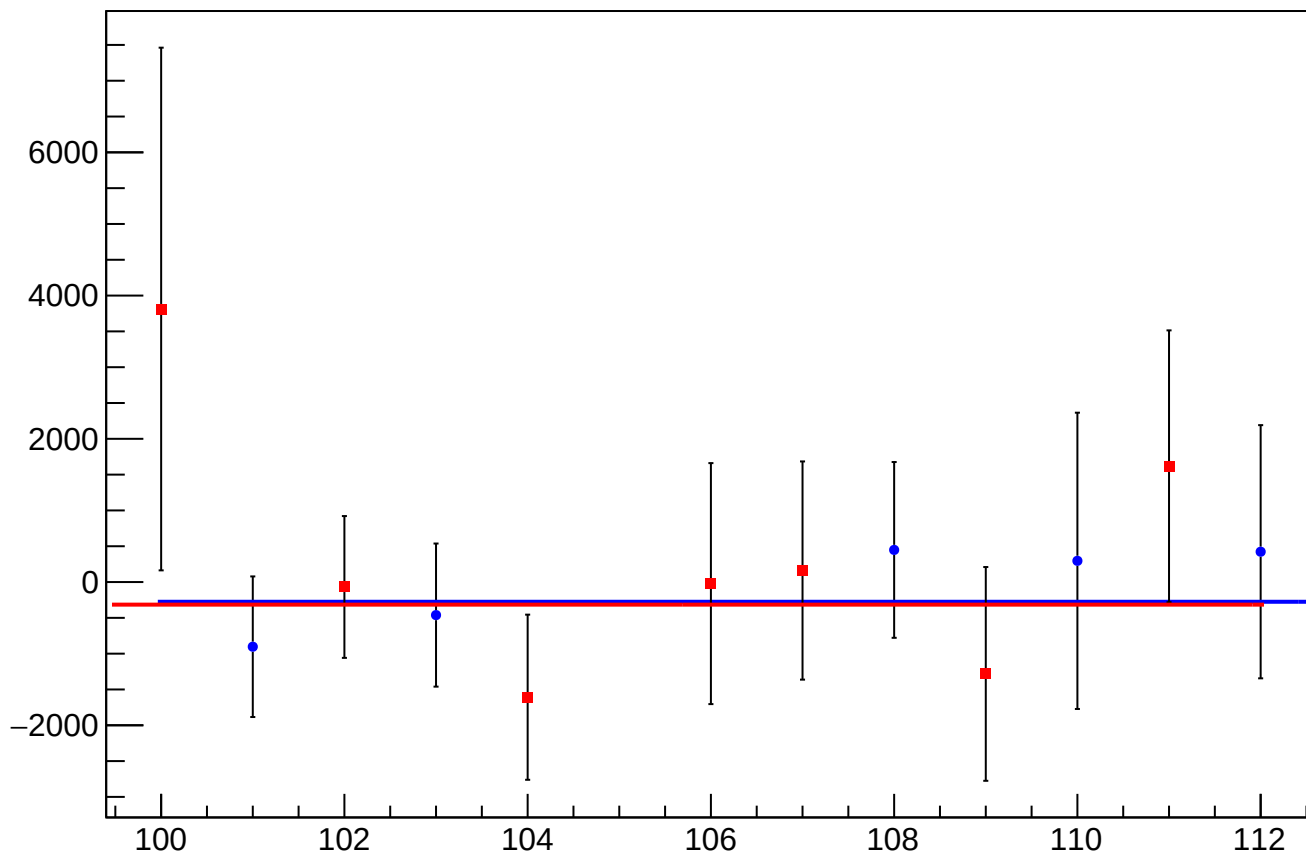
Right: 126.778+/-0.039 χ^2/NDF : 44083.3/11

In: 127.489+/-0.057 χ^2/NDF : 26351.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.778+/-0.039 χ^2/NDF : 44083.3/11

asym_sam_26_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -275.383+/-554.087 χ^2 /NDF: 1.0/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -315.410+/-545.686 χ^2 /NDF: 4.2/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

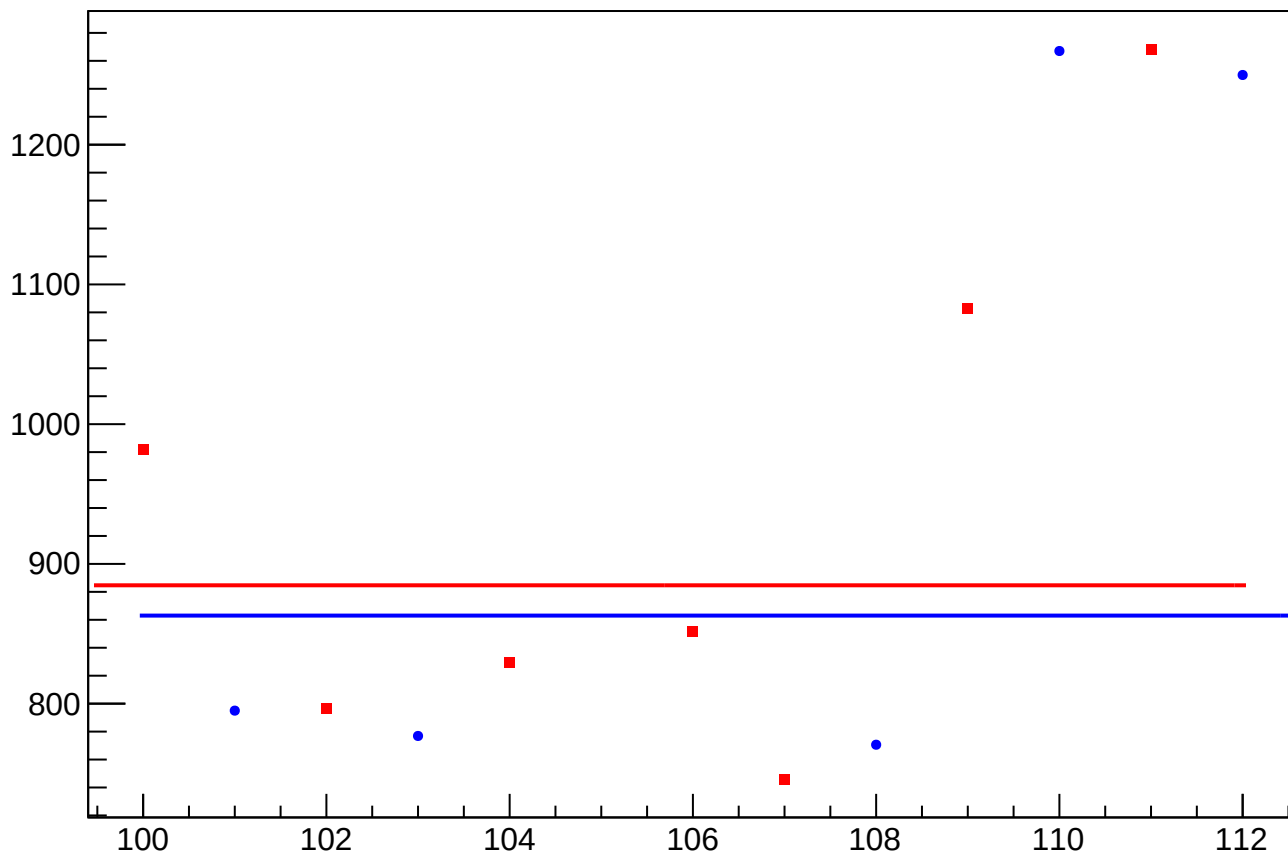
Right: -295.702+/-388.795 χ^2 /NDF: 5.2/11

In: -275.383+/-554.087 χ^2 /NDF:1.0/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -295.702+/-388.795 χ^2 /NDF: 5.2/11

asym_sam_26_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 863.013+/-0.392 χ^2/NDF : 207885.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 884.694+/-0.386 χ^2/NDF : 155938.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

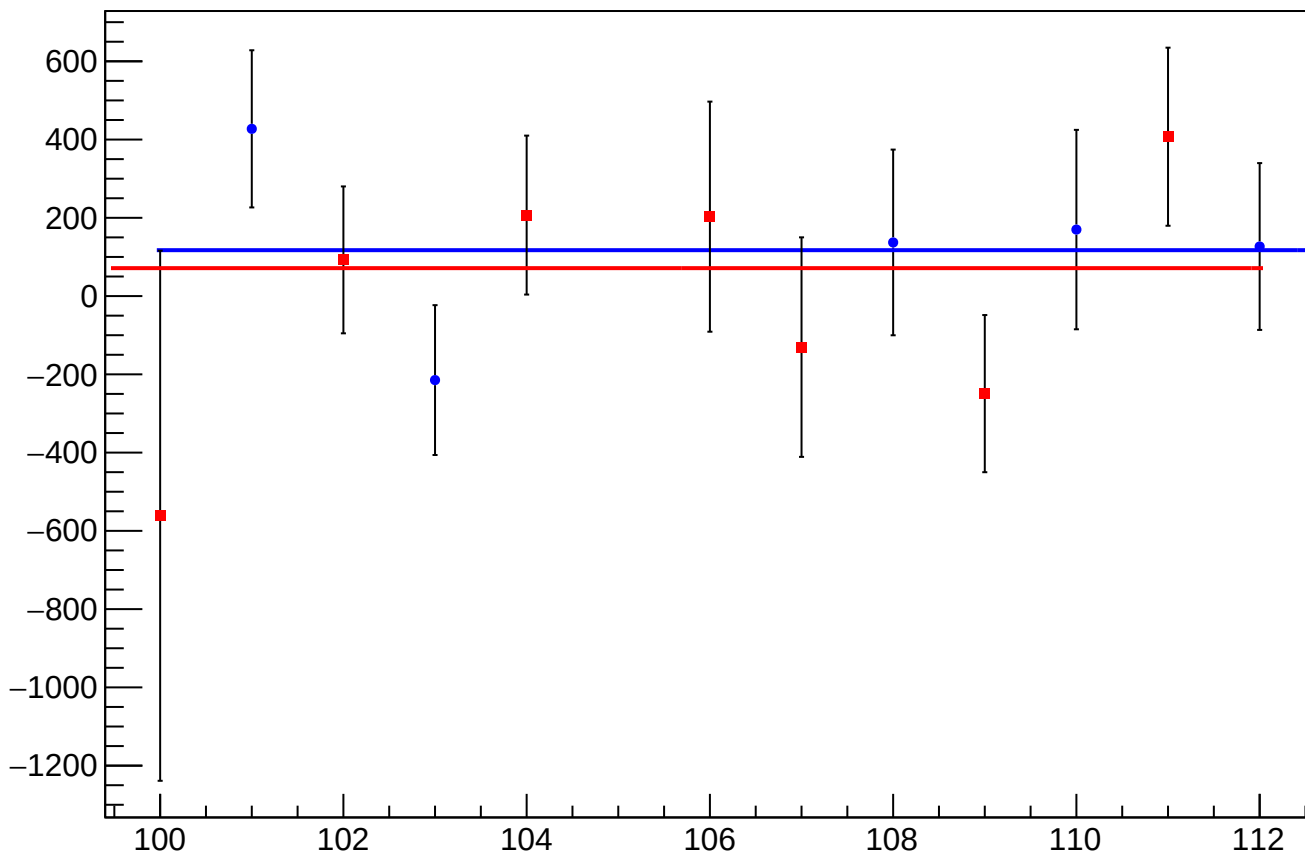
Right: 874.019+/-0.275 χ^2/NDF : 365378.5/11

In: 863.013+/-0.392 χ^2/NDF : 207885.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 874.019+/-0.275 χ^2/NDF : 365378.5/11

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 117.314 $\pm$ 96.563 χ^2 /NDF: 5.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 71.394 $\pm$ 90.098 χ^2 /NDF: 6.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

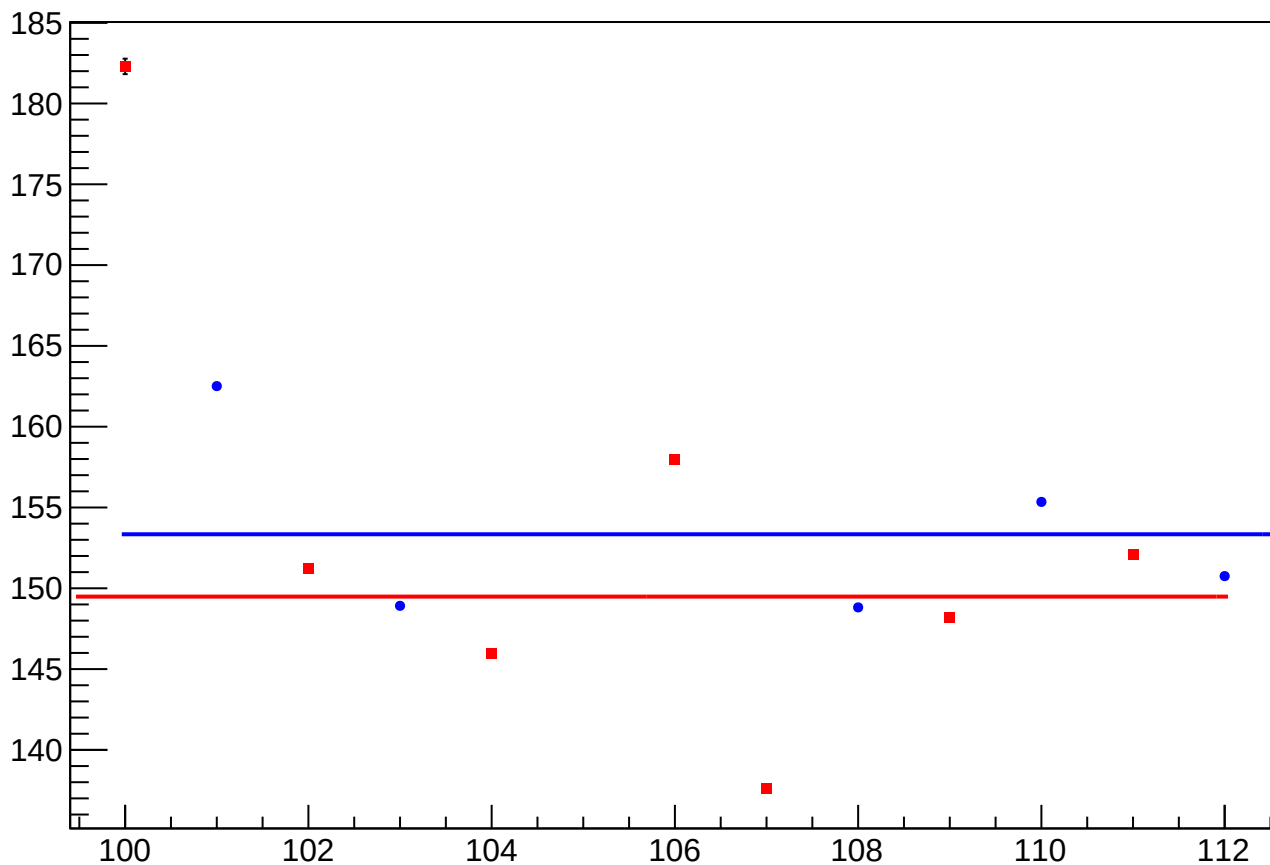
Right: 92.766 $\pm$ 65.876 χ^2 /NDF: 12.3/11

In: 117.314 $\pm$ 96.563 χ^2 /NDF: 5.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 92.766 $\pm$ 65.876 χ^2 /NDF: 12.3/11

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 153.343+/-0.068 χ^2/NDF : 6383.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.486+/-0.064 χ^2/NDF : 11077.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

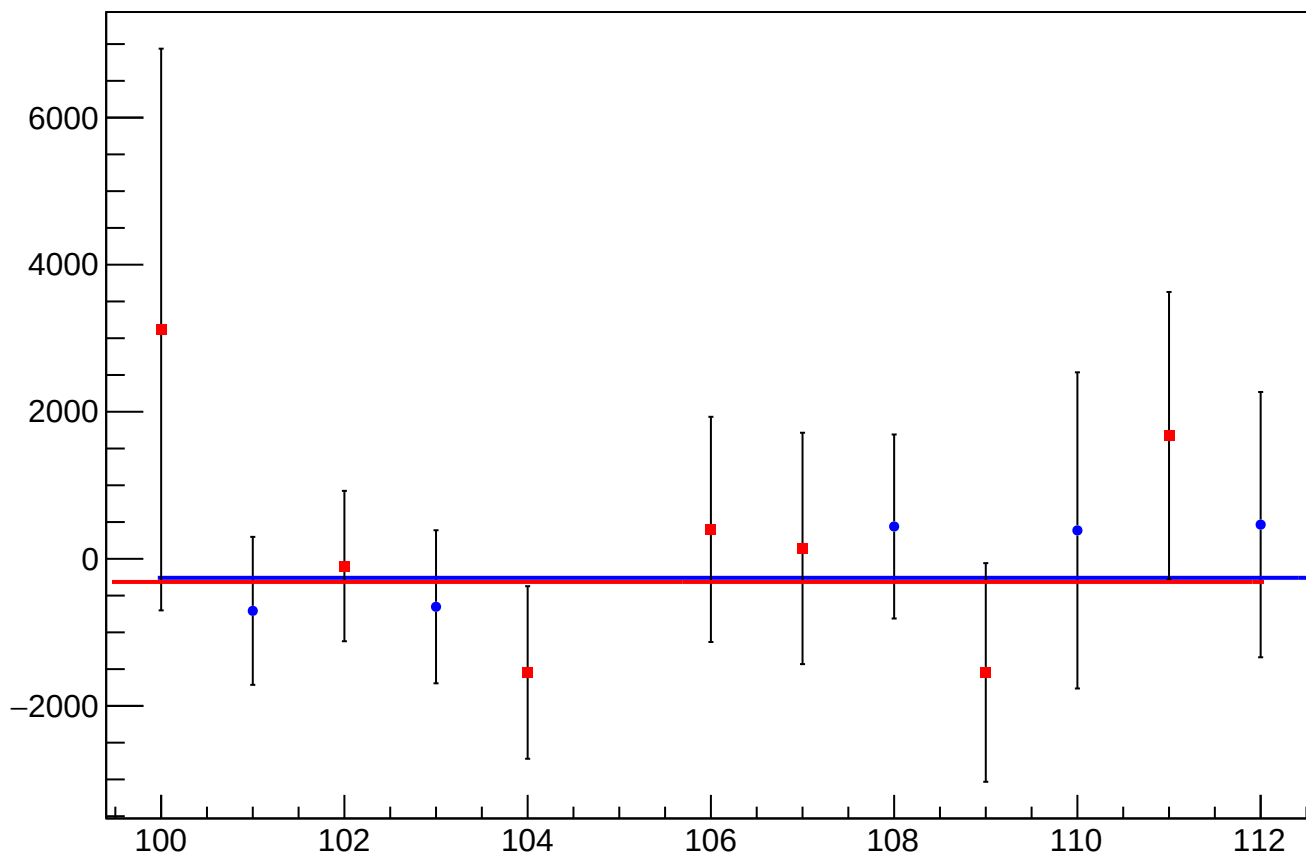
Right: 151.281+/-0.047 χ^2/NDF : 19167.0/11

In: 153.343+/-0.068 χ^2/NDF : 6383.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.281+/-0.047 χ^2/NDF : 19167.0/11

asym_sam_26_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -258.204+/-570.412 χ^2/NDF : 0.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -314.472+/-550.848 χ^2/NDF : 4.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

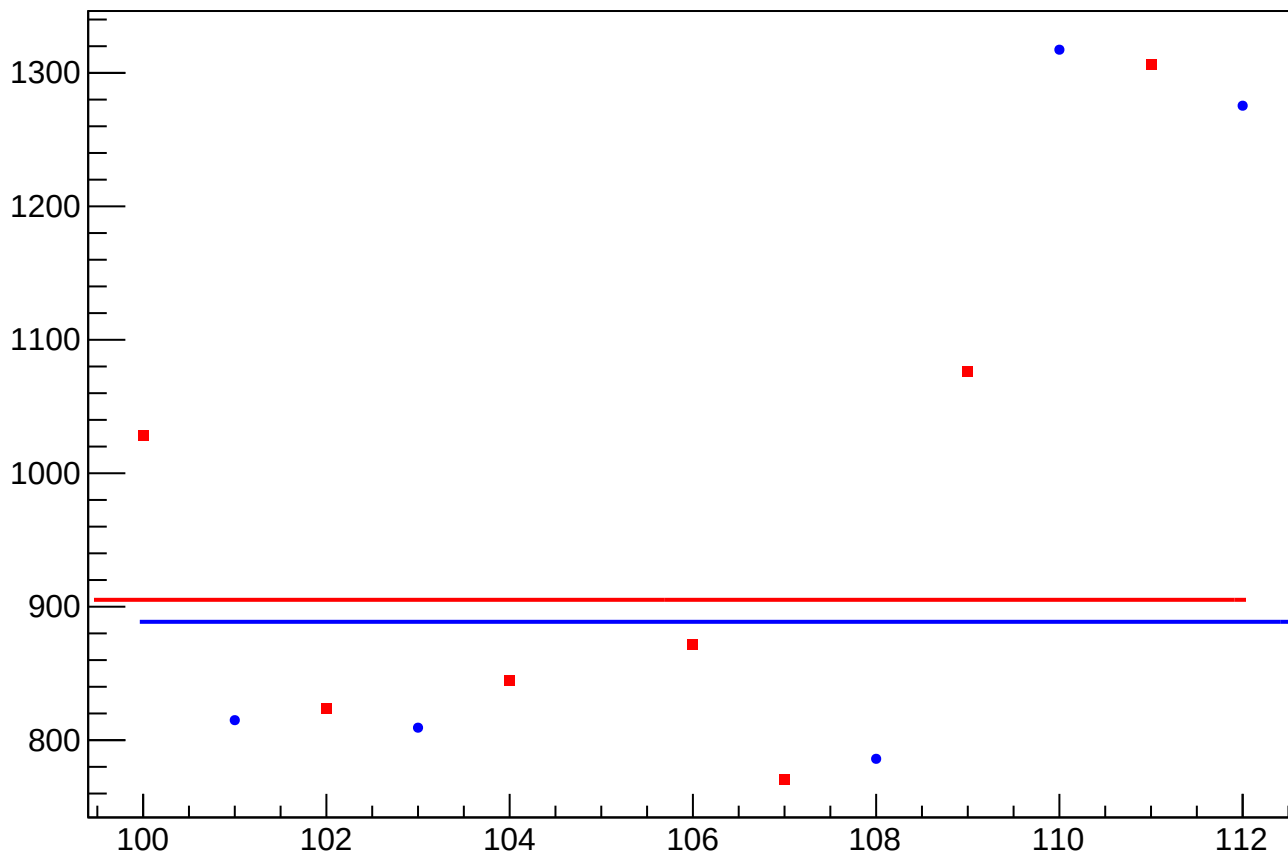
Right: -287.319+/-396.244 χ^2/NDF : 4.9/11

In: -258.204+/-570.412 χ^2/NDF : 0.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -287.319+/-396.244 χ^2/NDF : 4.9/11

asym_sam_26_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 888.684+/-0.403 χ^2/NDF : 207274.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 905.163+/-0.390 χ^2/NDF : 146370.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

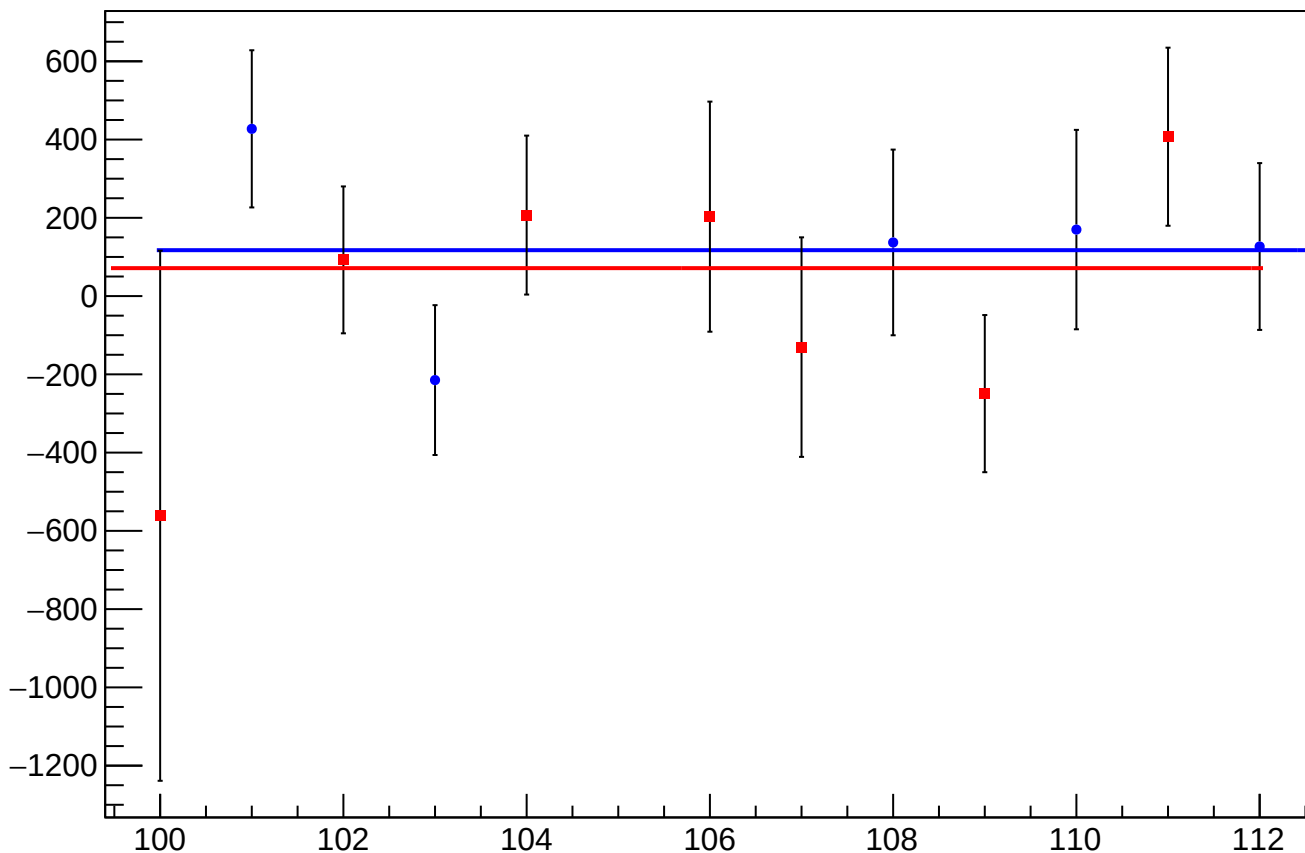
Right: 897.211+/-0.280 χ^2/NDF : 354508.6/11

In: 888.684+/-0.403 χ^2/NDF : 207274.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 897.211+/-0.280 χ^2/NDF : 354508.6/11

eigen_dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 117.309 $\pm$ 96.562 χ^2 /NDF: 5.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 71.397 $\pm$ 90.098 χ^2 /NDF: 6.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

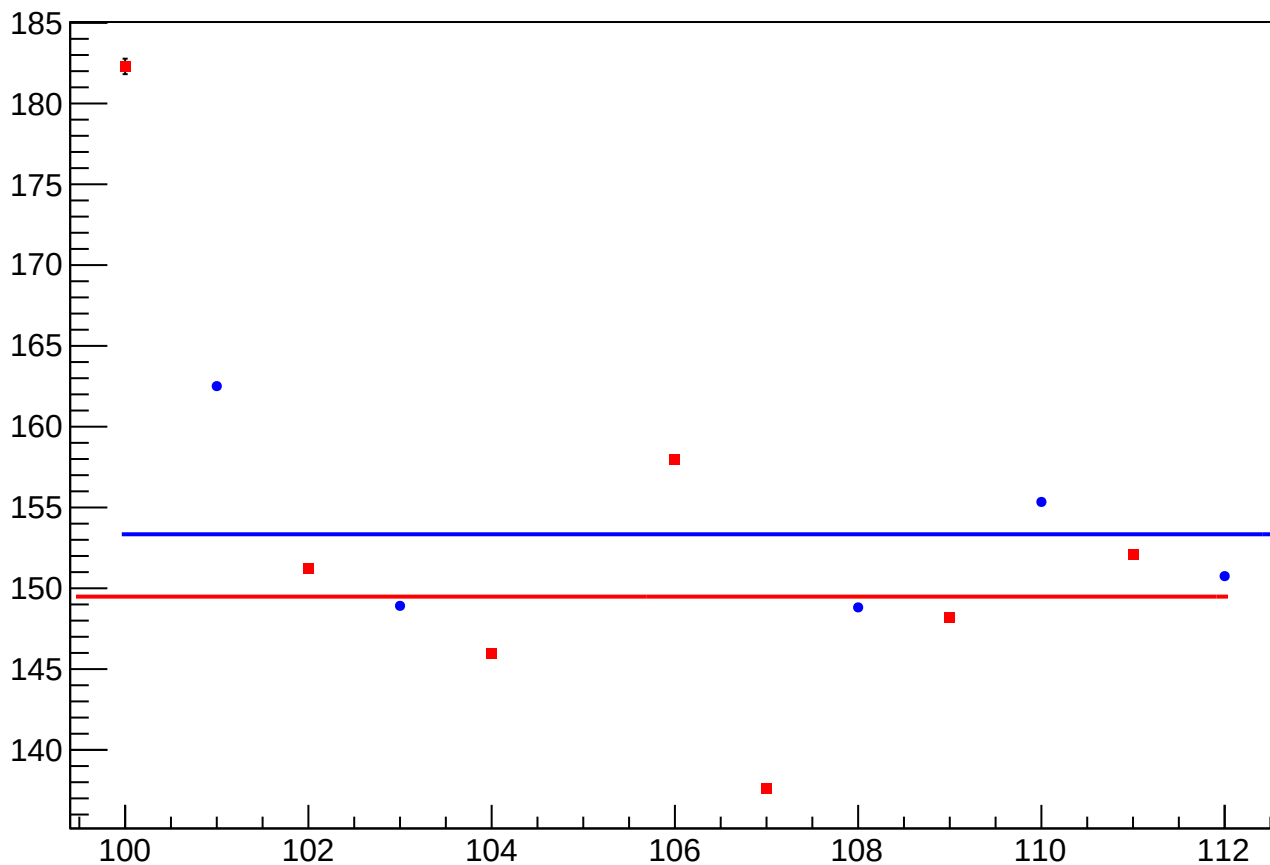
Right: 92.765 $\pm$ 65.876 χ^2 /NDF: 12.3/11

In: 117.309 $\pm$ 96.562 χ^2 /NDF: 5.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 92.765 $\pm$ 65.876 χ^2 /NDF: 12.3/11

eigen_dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 153.343+/-0.068 χ^2/NDF : 6383.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.485+/-0.064 χ^2/NDF : 11077.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

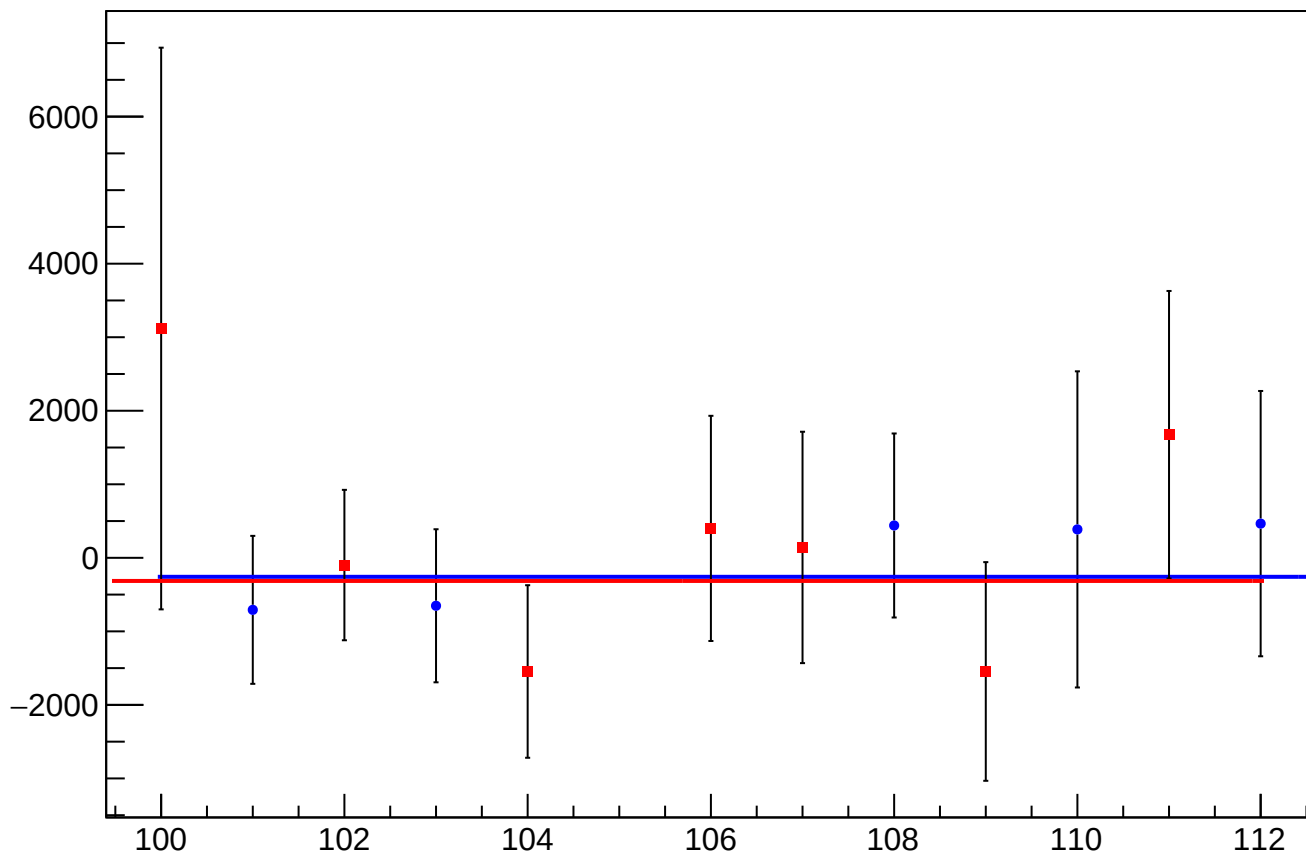
Right: 151.281+/-0.047 χ^2/NDF : 19166.6/11

In: 153.343+/-0.068 χ^2/NDF : 6383.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.281+/-0.047 χ^2/NDF : 19166.6/11

asym_sam_26_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -258.208+/-570.410 χ^2/NDF : 0.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -314.471+/-550.846 χ^2/NDF : 4.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

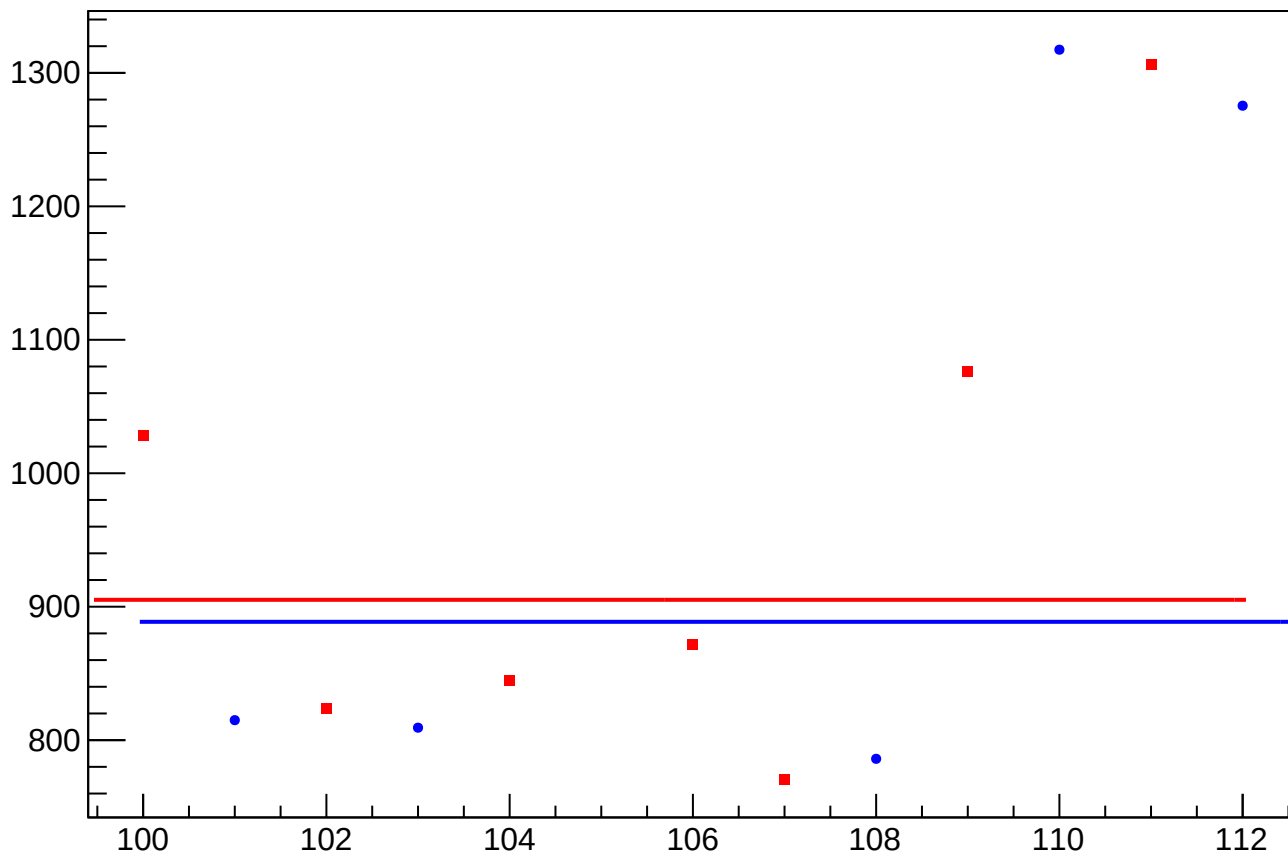
Right: -287.321+/-396.243 χ^2/NDF : 4.9/11

In: -258.208+/-570.410 χ^2/NDF : 0.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -287.321+/-396.243 χ^2/NDF : 4.9/11

asym_sam_26_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 888.682+/-0.403 χ^2/NDF : 207272.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 905.160+/-0.390 χ^2/NDF : 146369.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

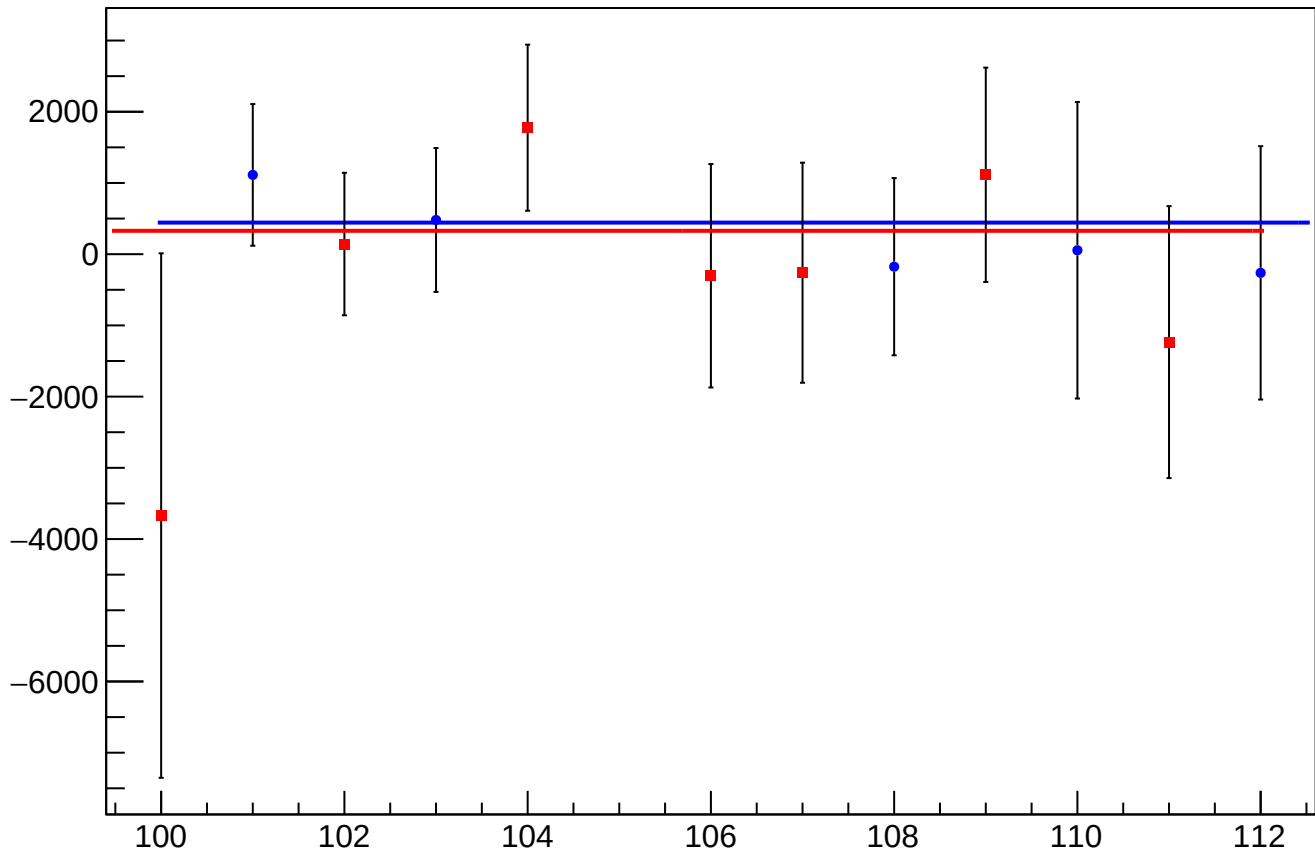
Right: 897.208+/-0.280 χ^2/NDF : 354505.6/11

In: 888.682+/-0.403 χ^2/NDF : 207272.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 897.208+/-0.280 χ^2/NDF : 354505.6/11

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 443.631+/-560.431 χ^2/NDF : 0.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 328.185+/-546.374 χ^2/NDF : 4.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

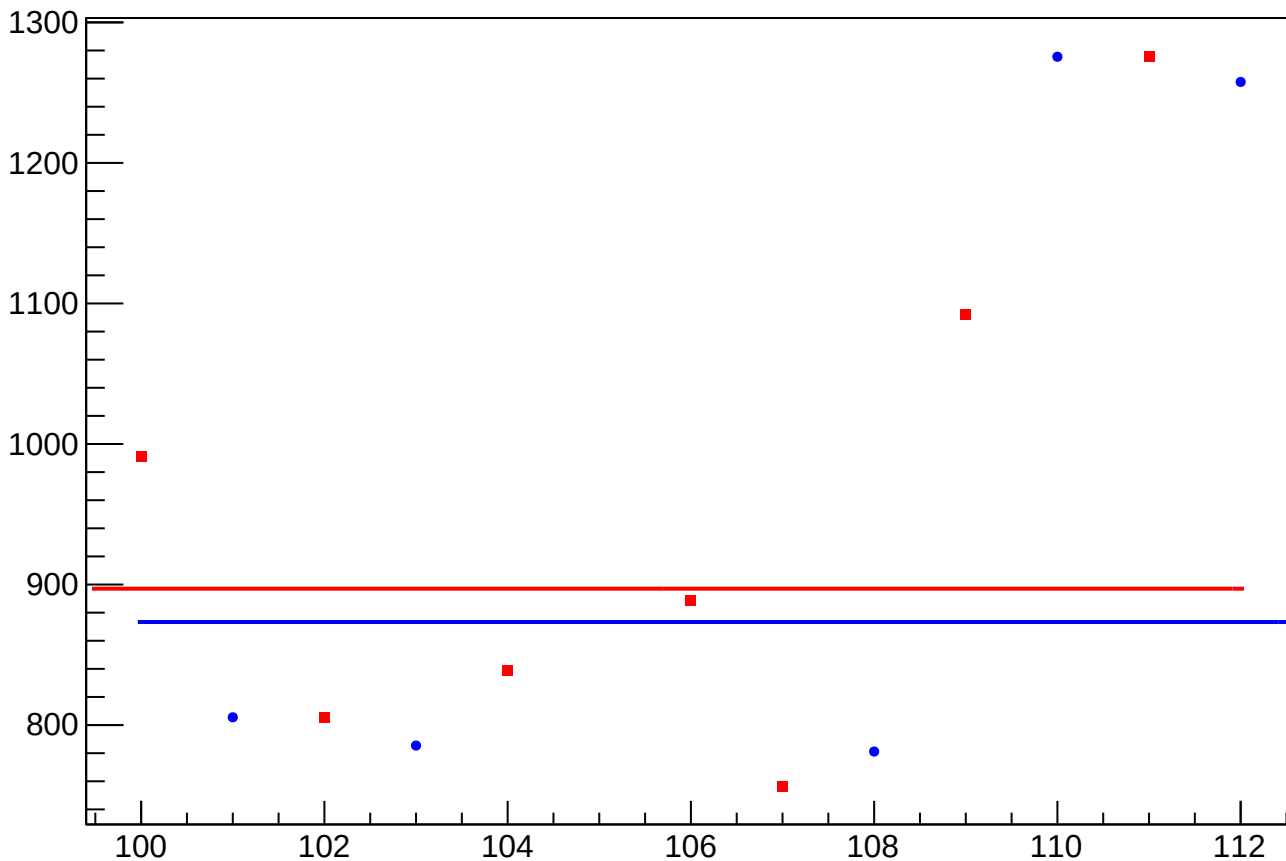
Right: 384.442+/-391.220 χ^2/NDF : 4.9/11

In: 443.631+/-560.431 χ^2/NDF : 0.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 384.442+/-391.220 χ^2/NDF : 4.9/11

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 873.328+/-0.396 χ^2/NDF : 203389.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 897.051+/-0.386 χ^2/NDF : 152068.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

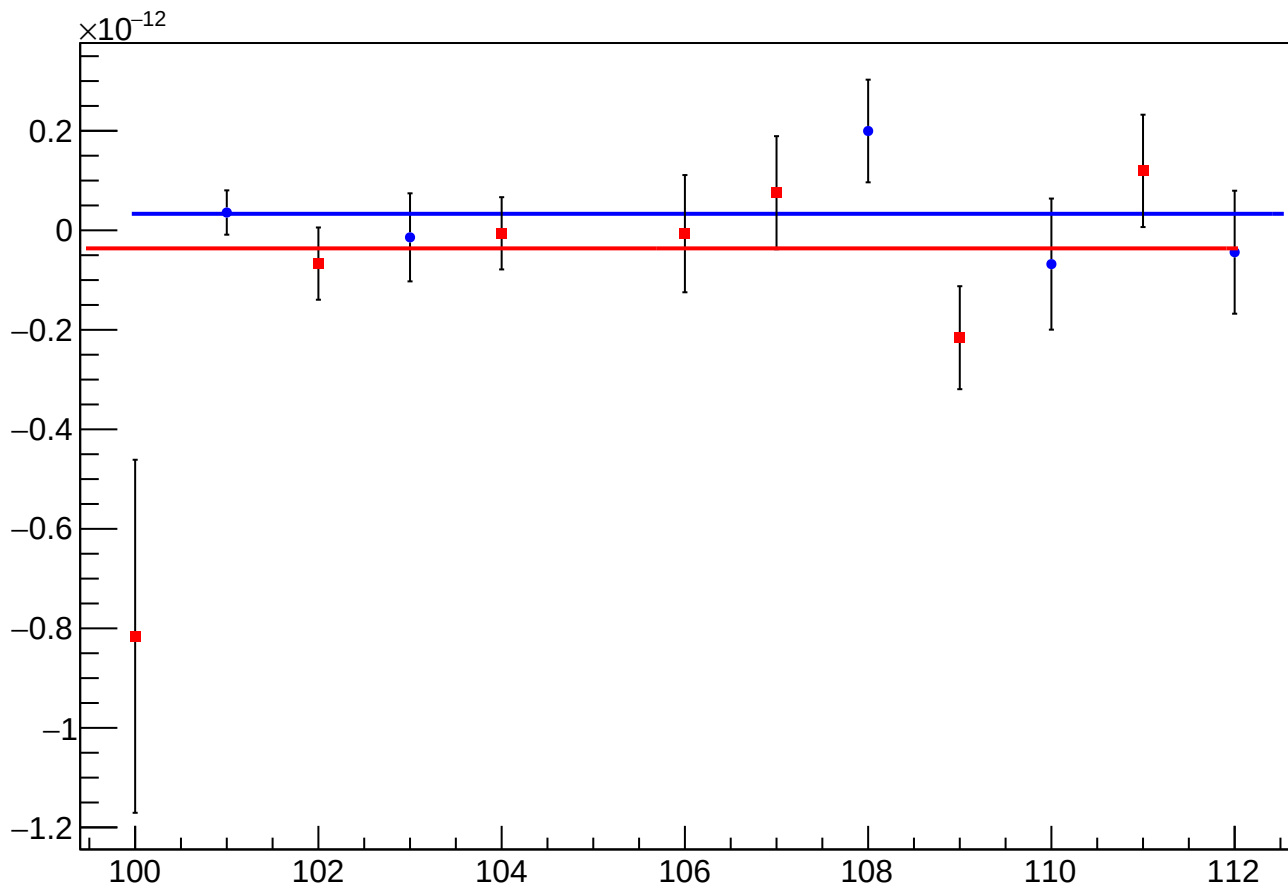
Right: 885.490+/-0.277 χ^2/NDF : 357296.1/11

In: 873.328+/-0.396 χ^2/NDF : 203389.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 885.490+/-0.277 χ^2/NDF : 357296.1/11

asym_sam_26_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 3.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 11.1/6

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

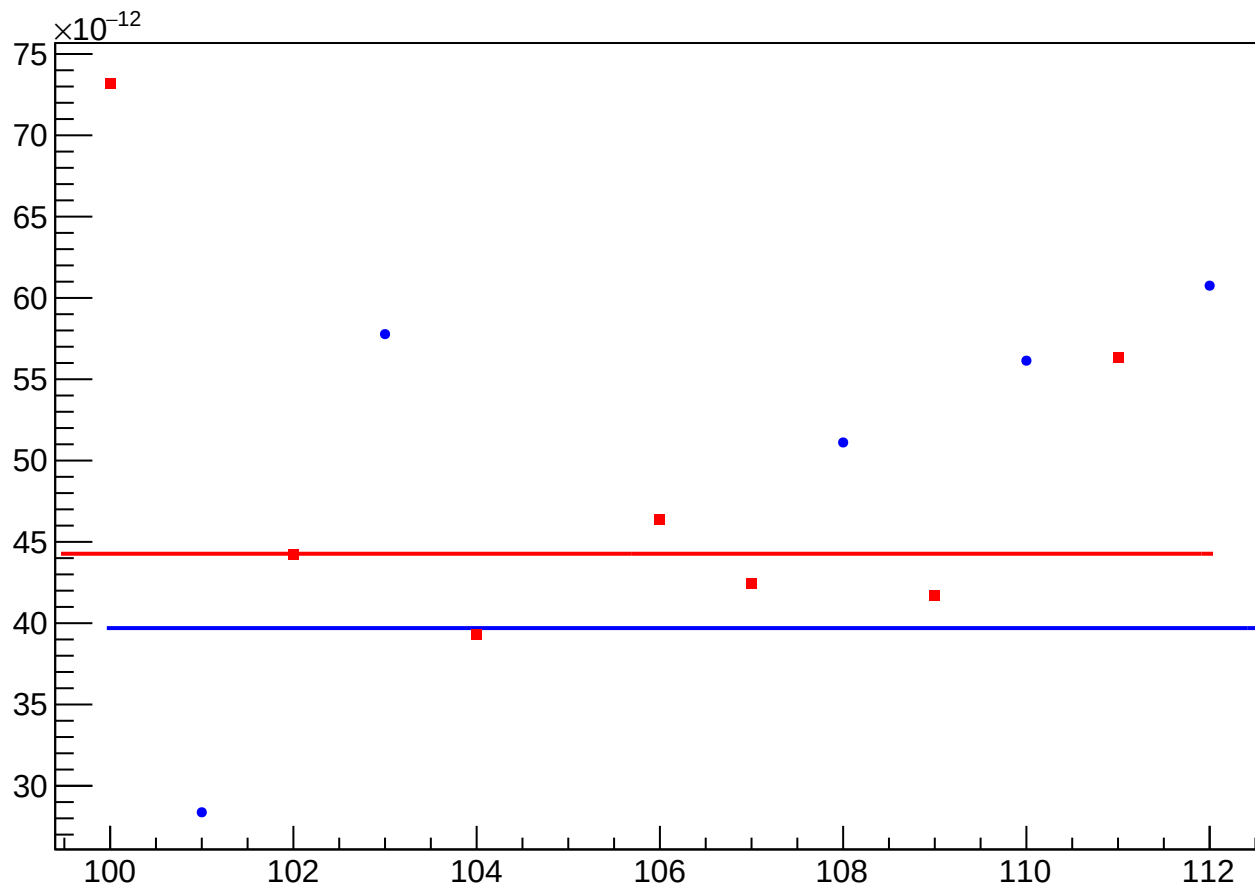
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 16.9/11

In: 0.000 $\pm$ 0.000 χ^2/NDF : 3.9/4

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 16.9/11

asym_sam_26_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 326463.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 47819.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

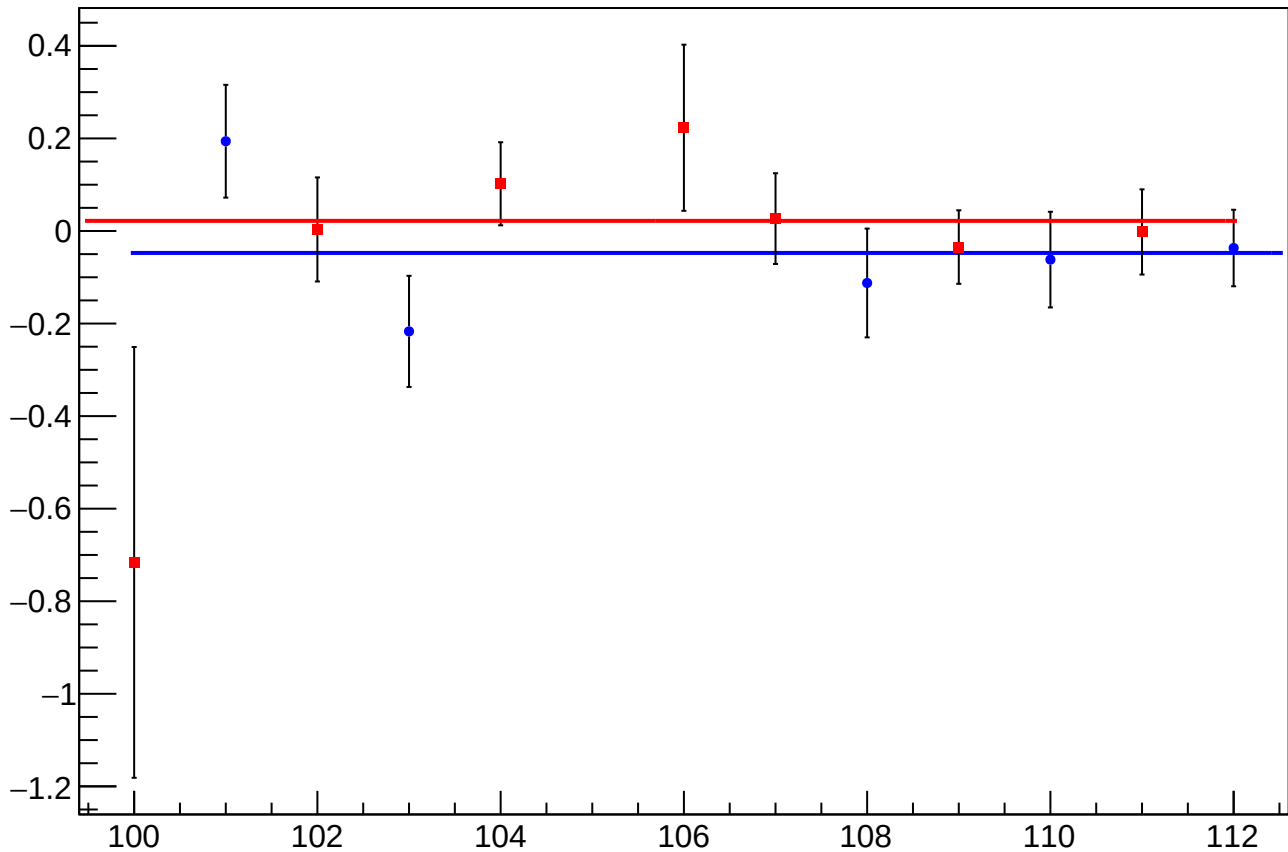
Right: 0.000+/-0.000 χ^2/NDF : 390431.9/11

In: 0.000+/-0.000 χ^2/NDF : 326463.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 390431.9/11

asym_sam_26_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.047 $\pm$ 0.047 χ^2 /NDF: 6.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.022 $\pm$ 0.040 χ^2 /NDF: 5.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

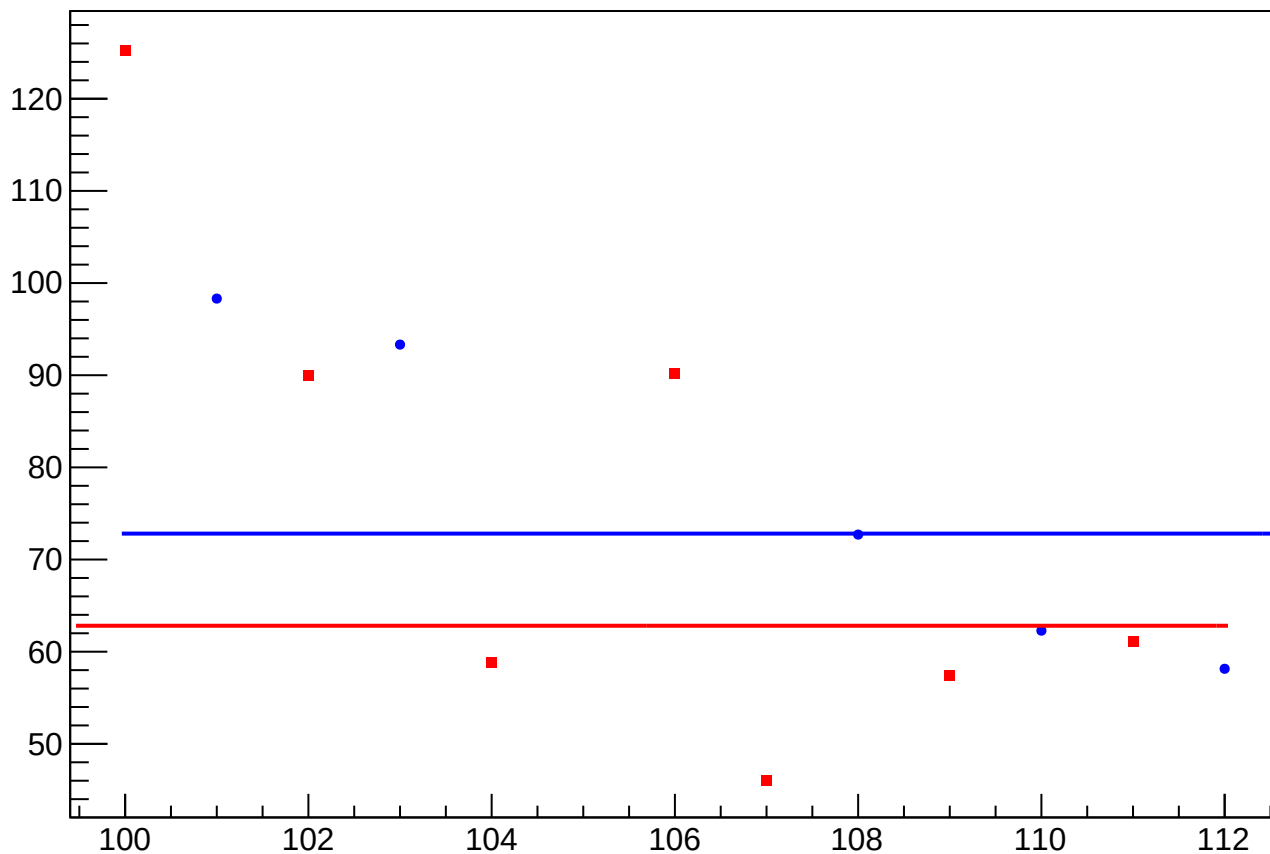
Right: -0.007 $\pm$ 0.031 χ^2 /NDF: 12.7/11

In: -0.047 $\pm$ 0.047 χ^2 /NDF:6.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.031 χ^2 /NDF: 12.7/11

asym_sam_26_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 72.814+/-0.033 χ^2/NDF : 229658.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.817+/-0.028 χ^2/NDF : 271360.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

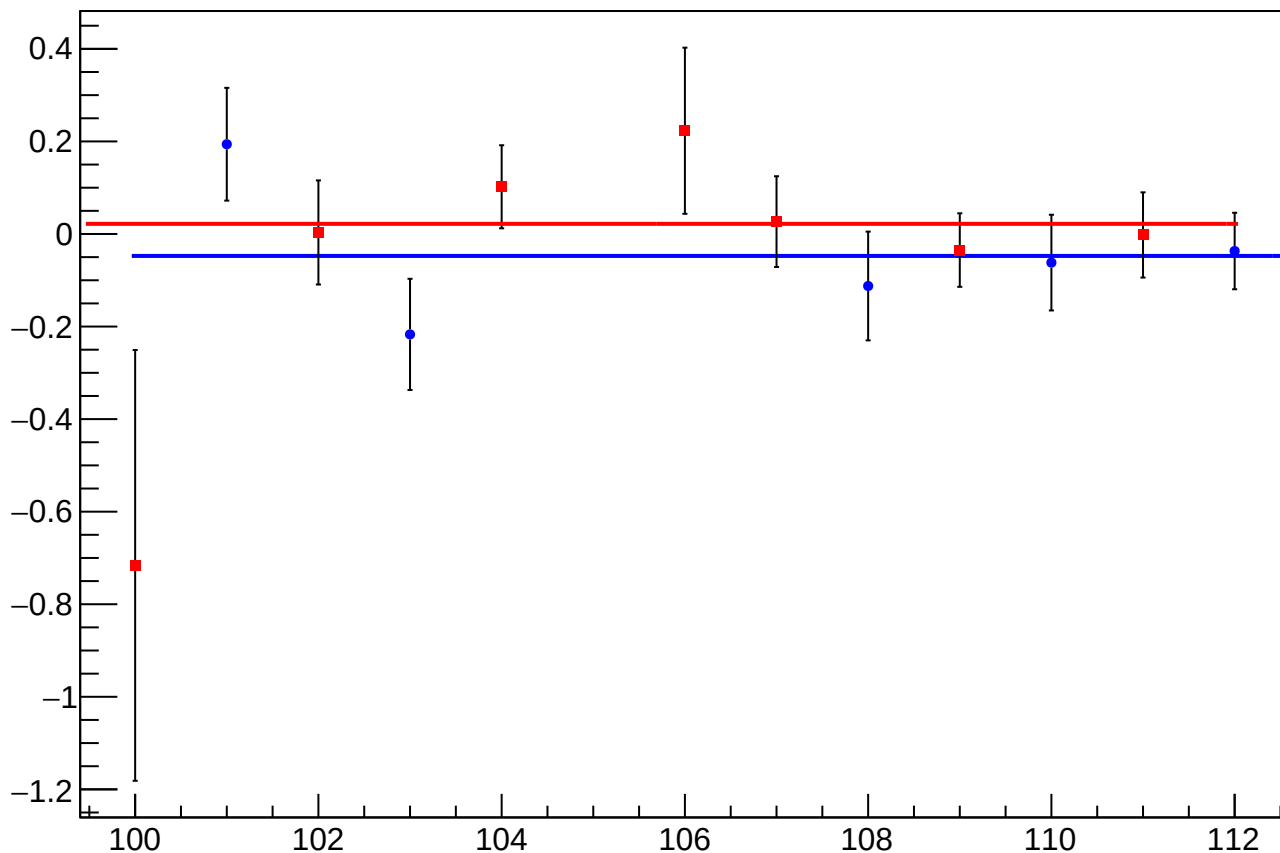
Right: 67.018+/-0.022 χ^2/NDF : 553054.8/11

In: 72.814+/-0.033 χ^2/NDF : 229658.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.018+/-0.022 χ^2/NDF : 553054.8/11

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.047 $\pm$ 0.047 χ^2 /NDF: 6.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.022 $\pm$ 0.040 χ^2 /NDF: 5.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

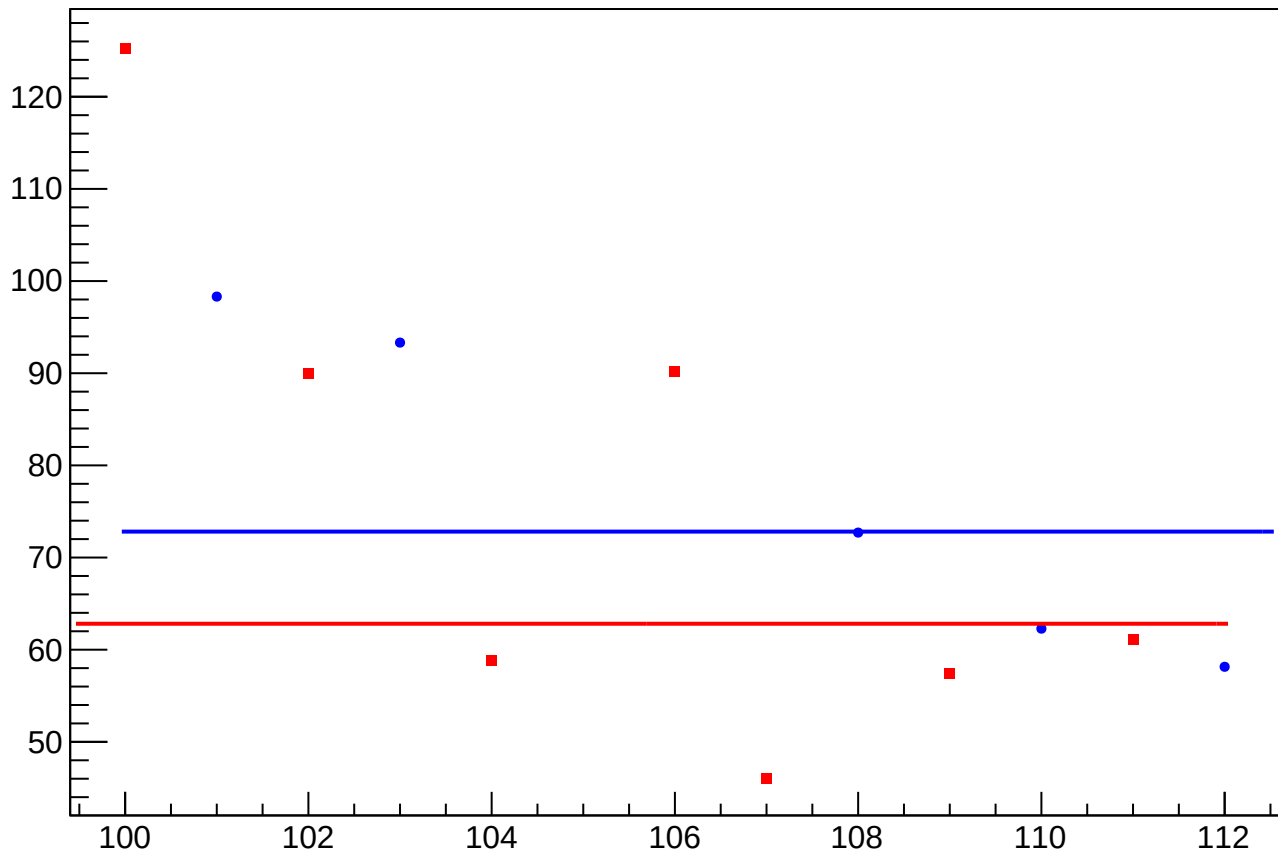
Right: -0.007 $\pm$ 0.031 χ^2 /NDF: 12.7/11

In: -0.047 $\pm$ 0.047 χ^2 /NDF:6.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.031 χ^2 /NDF: 12.7/11

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 72.814+/-0.033 χ^2/NDF : 229658.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.817+/-0.028 χ^2/NDF : 271360.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

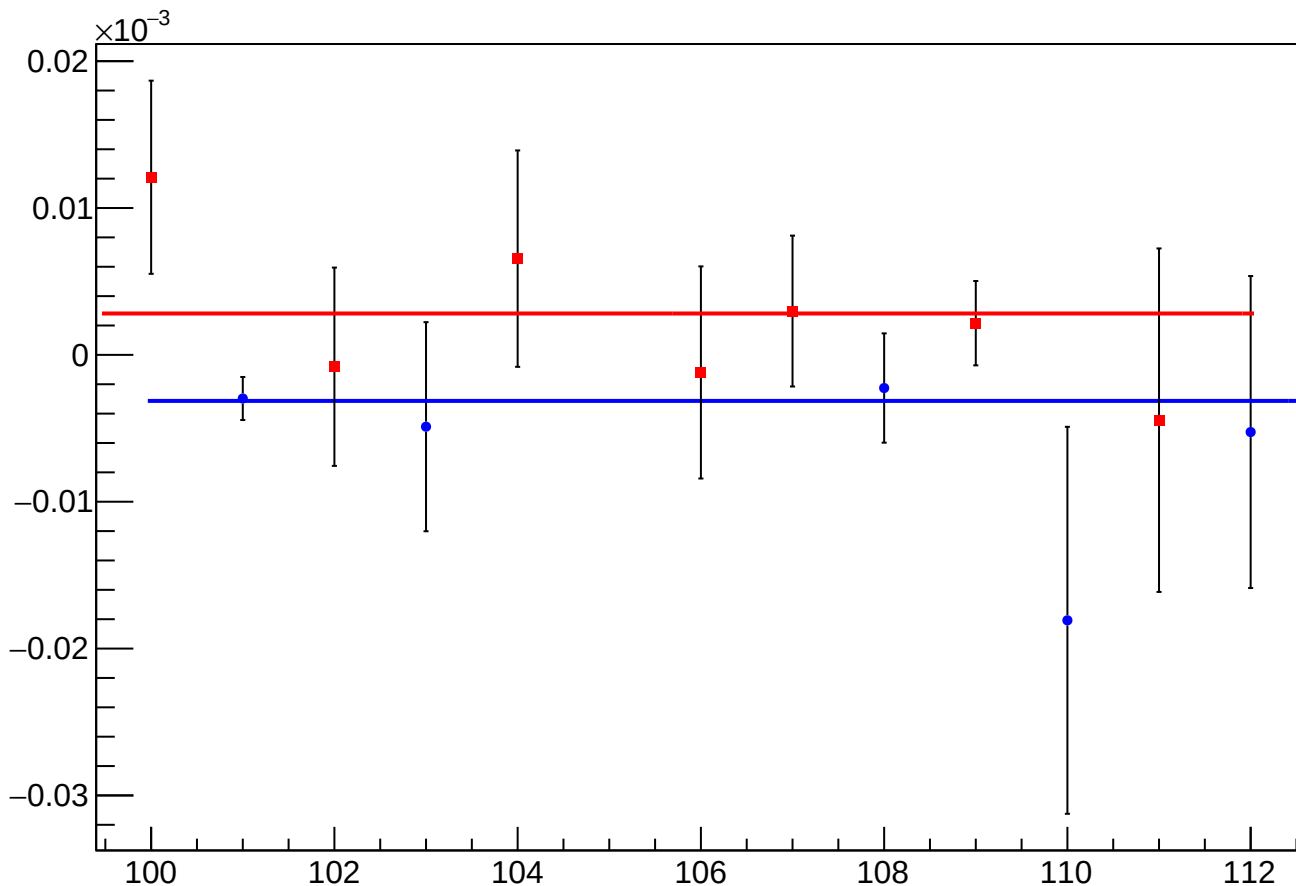
Right: 67.018+/-0.022 χ^2/NDF : 553054.8/11

In: 72.814+/-0.033 χ^2/NDF : 229658.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.018+/-0.022 χ^2/NDF : 553054.8/11

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

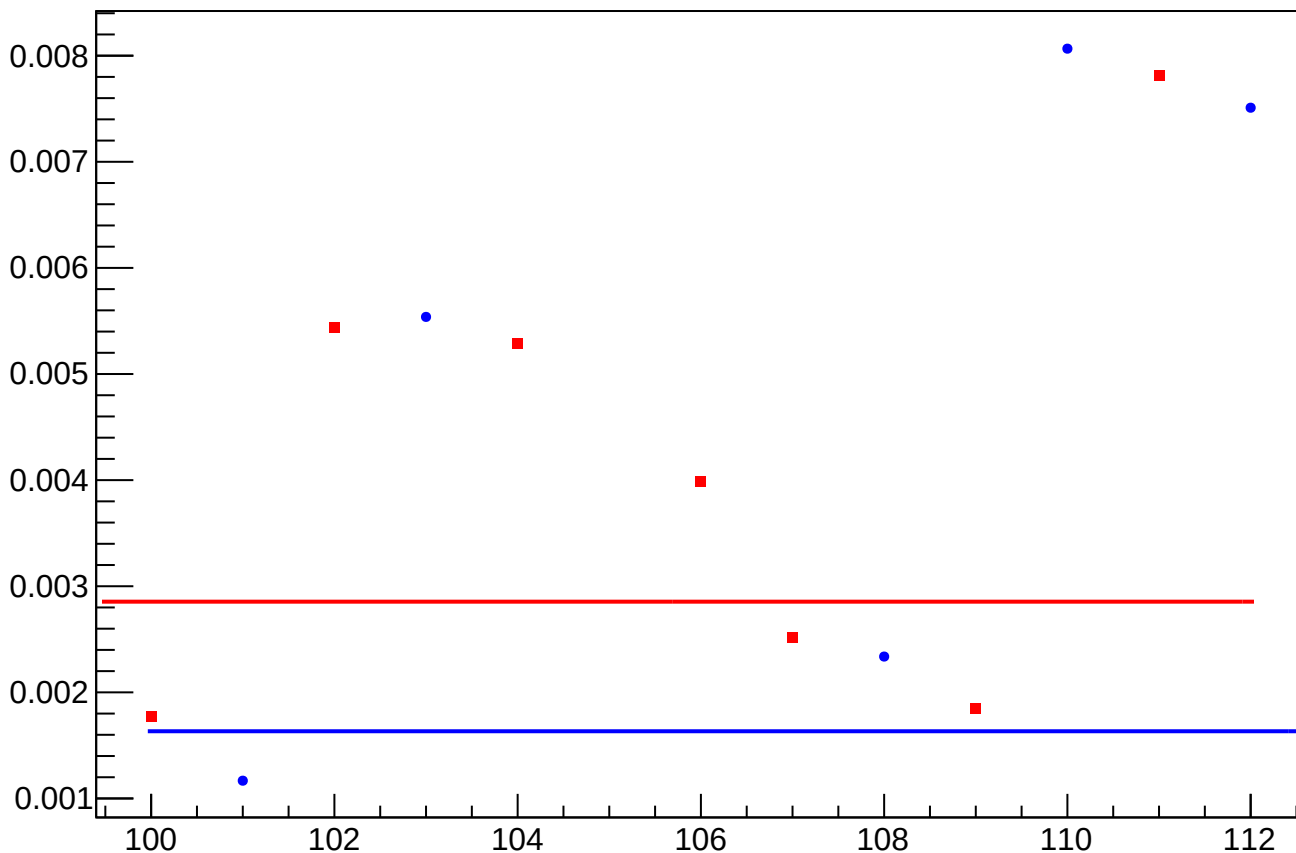
Right: -0.000+/-0.000 χ^2/NDF : 10.9/11

In: -0.000+/-0.000 χ^2/NDF : 1.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.9/11

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1964283.0/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1226373.0/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

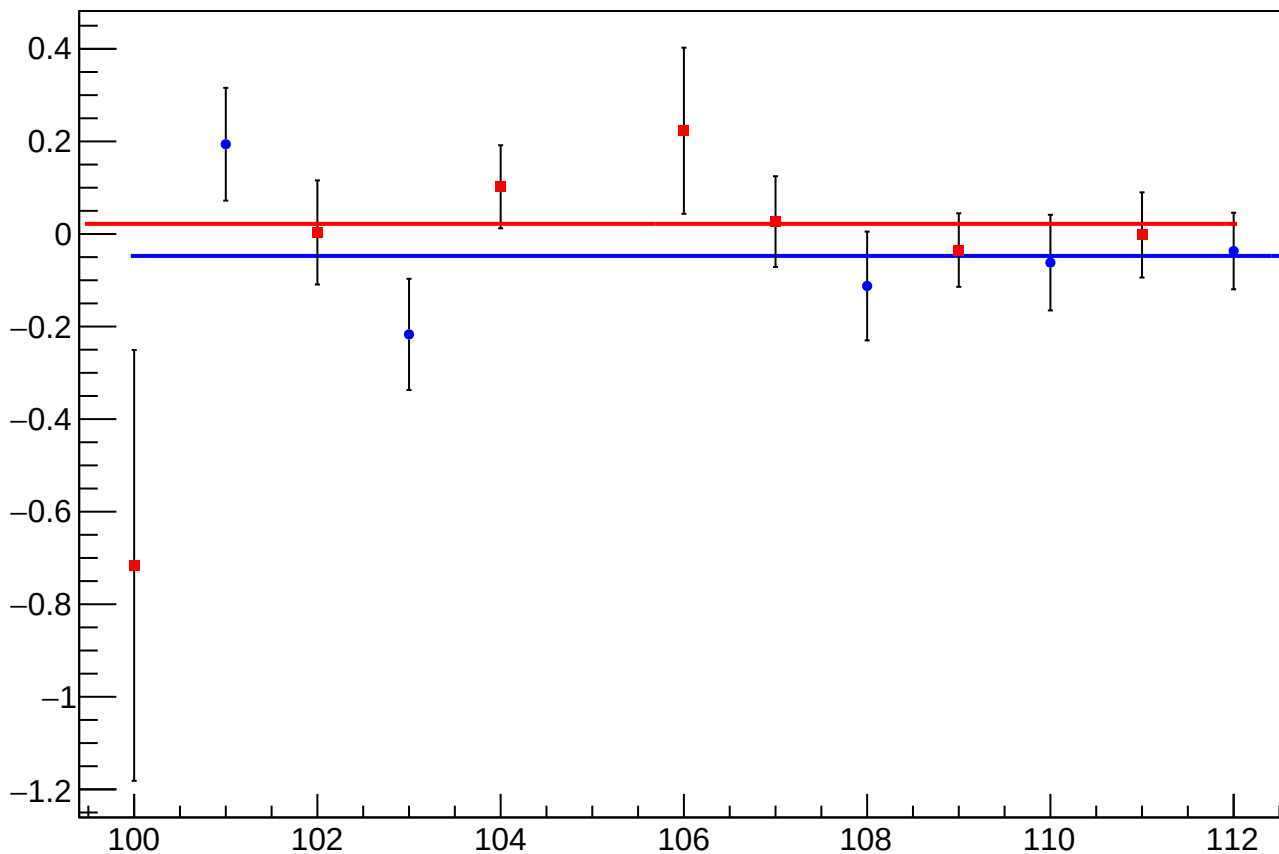
Right: 0.002+/-0.000 χ^2/NDF : 3708322.7/11

In: 0.002+/-0.000 χ^2/NDF :1964283.0/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3708322.7/11

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.047 $\pm$ 0.047 χ^2 /NDF: 6.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.022 $\pm$ 0.040 χ^2 /NDF: 5.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

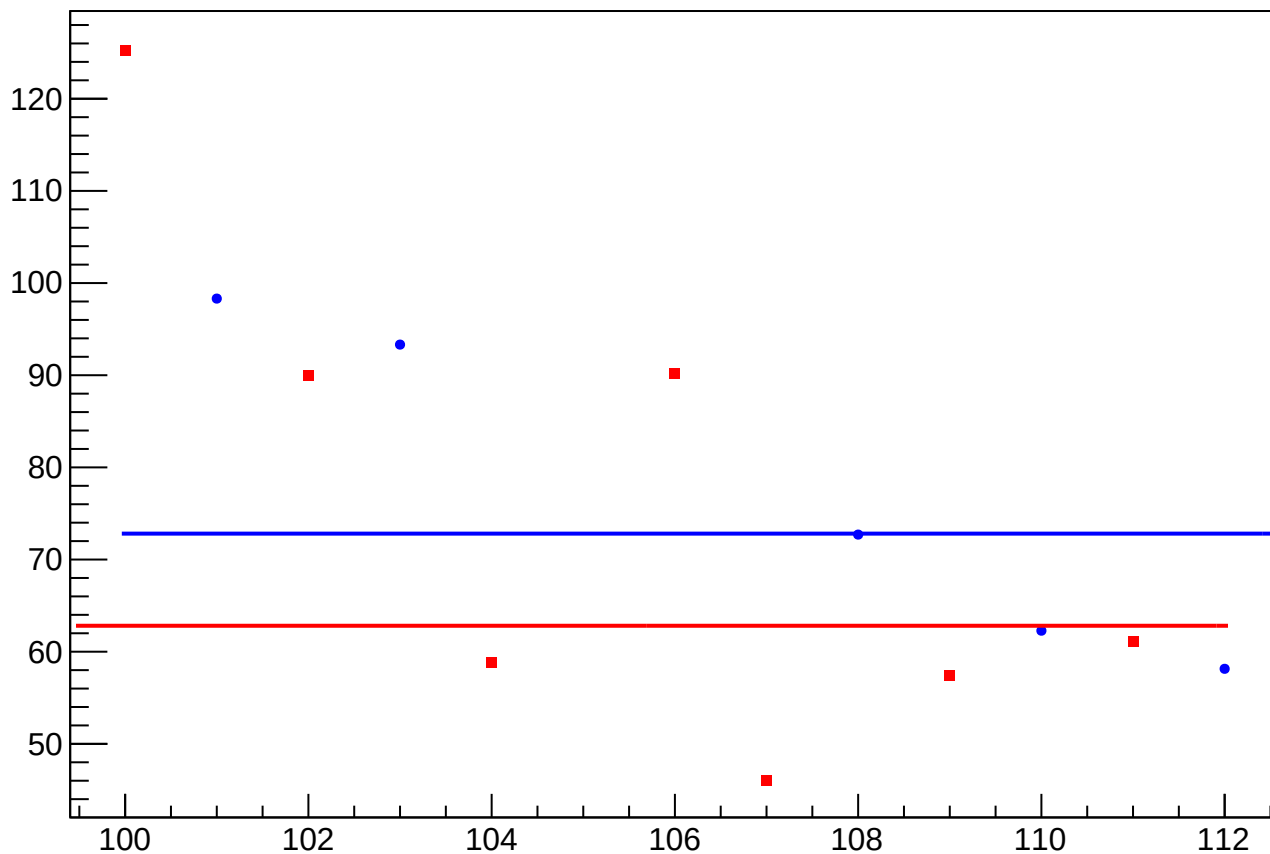
Right: -0.007 $\pm$ 0.031 χ^2 /NDF: 12.7/11

In: -0.047 $\pm$ 0.047 χ^2 /NDF:6.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.031 χ^2 /NDF: 12.7/11

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 72.812+/-0.033 χ^2/NDF : 229691.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.815+/-0.028 χ^2/NDF : 271365.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

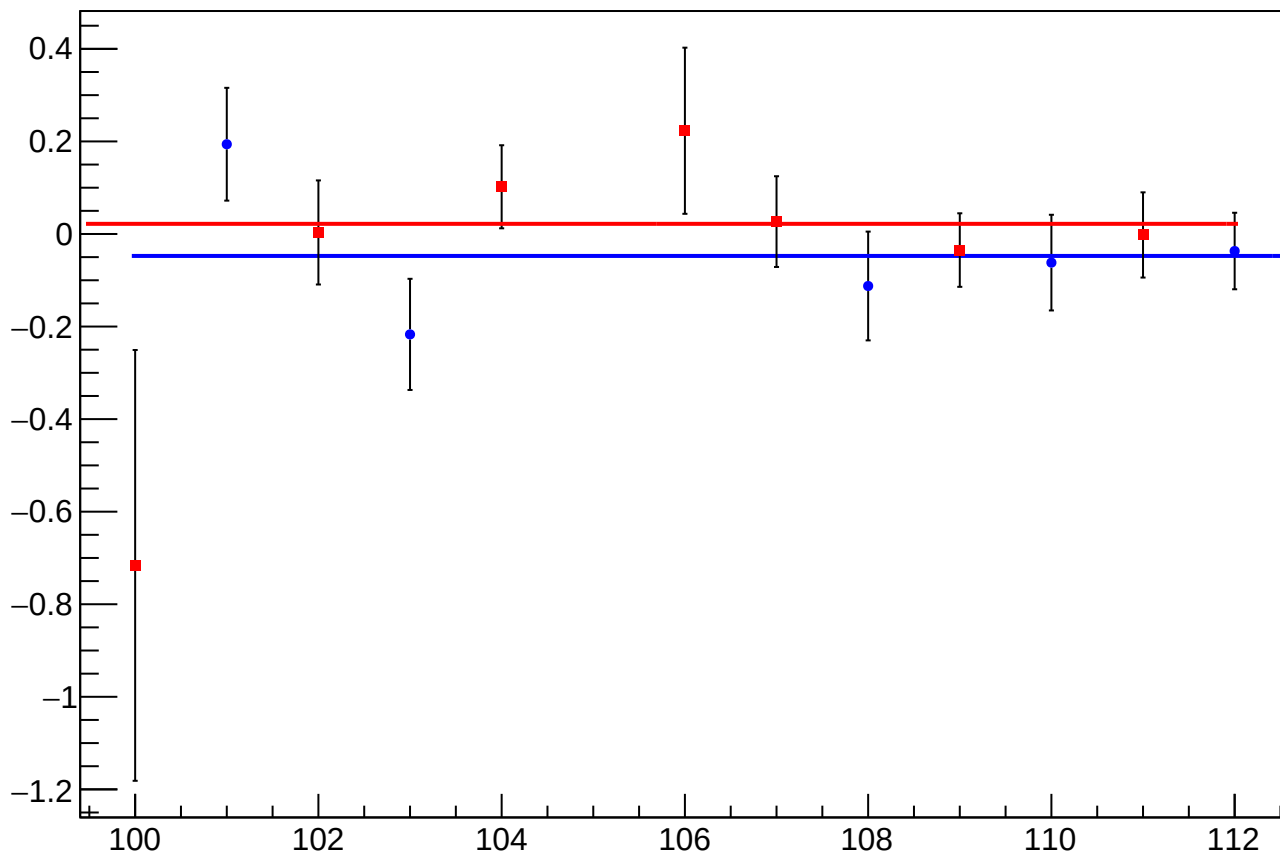
Right: 67.017+/-0.022 χ^2/NDF : 553088.6/11

In: 72.812+/-0.033 χ^2/NDF : 229691.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.017+/-0.022 χ^2/NDF : 553088.6/11

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.047 $\pm$ 0.047 χ^2 /NDF: 6.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.022 $\pm$ 0.040 χ^2 /NDF: 5.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

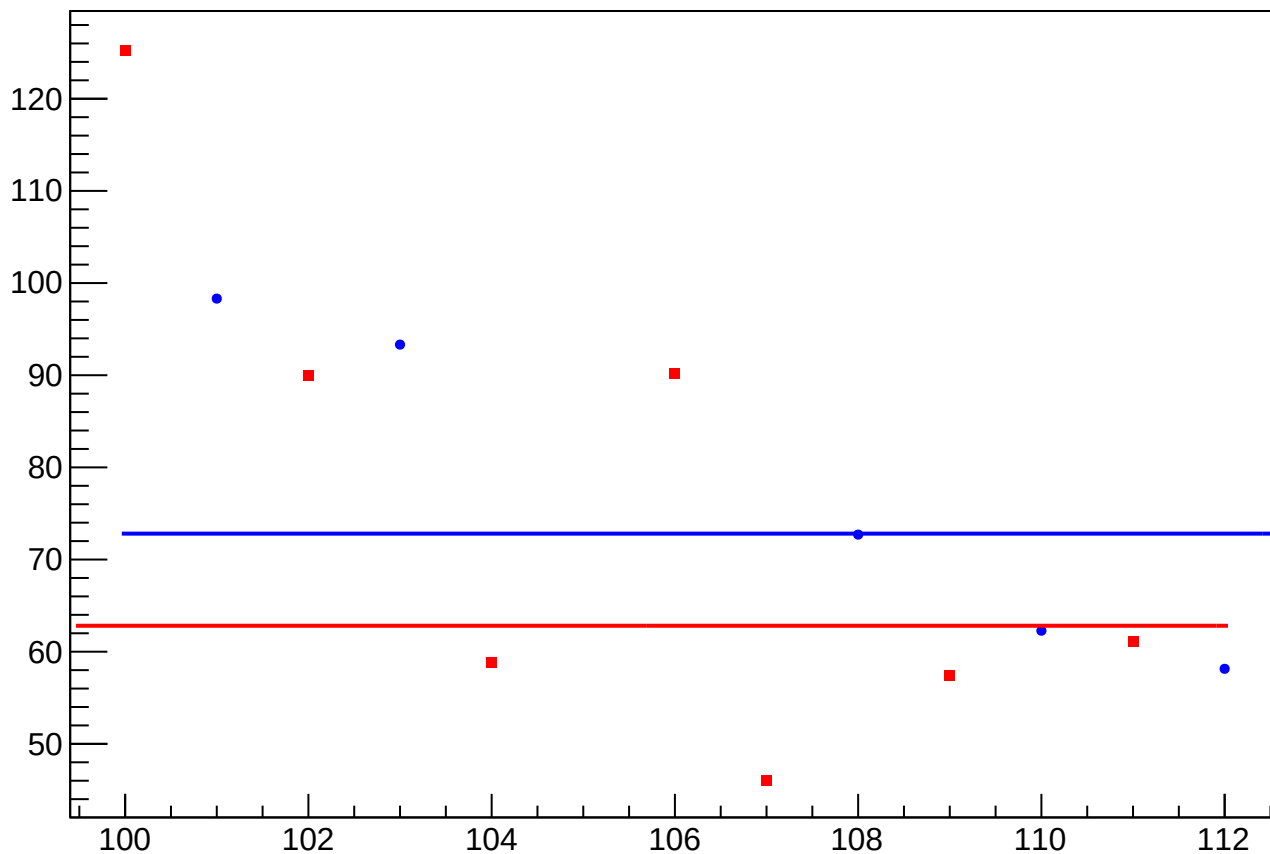
Right: -0.007 $\pm$ 0.031 χ^2 /NDF: 12.7/11

In: -0.047 $\pm$ 0.047 χ^2 /NDF:6.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.031 χ^2 /NDF: 12.7/11

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 72.812 $\pm$ 0.033 χ^2 /NDF: 229691.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 62.815 $\pm$ 0.028 χ^2 /NDF: 271365.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

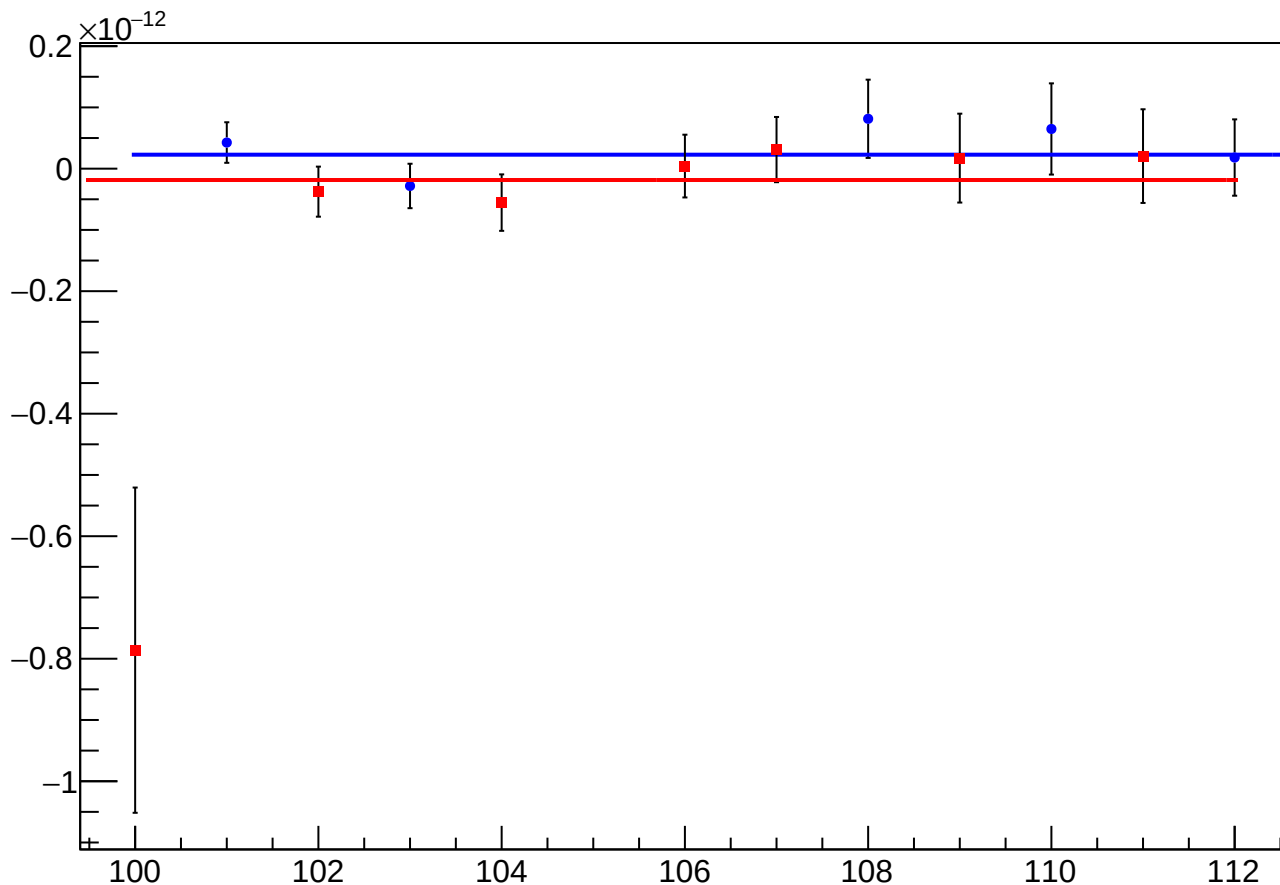
Right: 67.017 $\pm$ 0.022 χ^2 /NDF: 553088.6/11

In: 72.812 $\pm$ 0.033 χ^2 /NDF:229691.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 67.017 $\pm$ 0.022 χ^2 /NDF: 553088.6/11

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

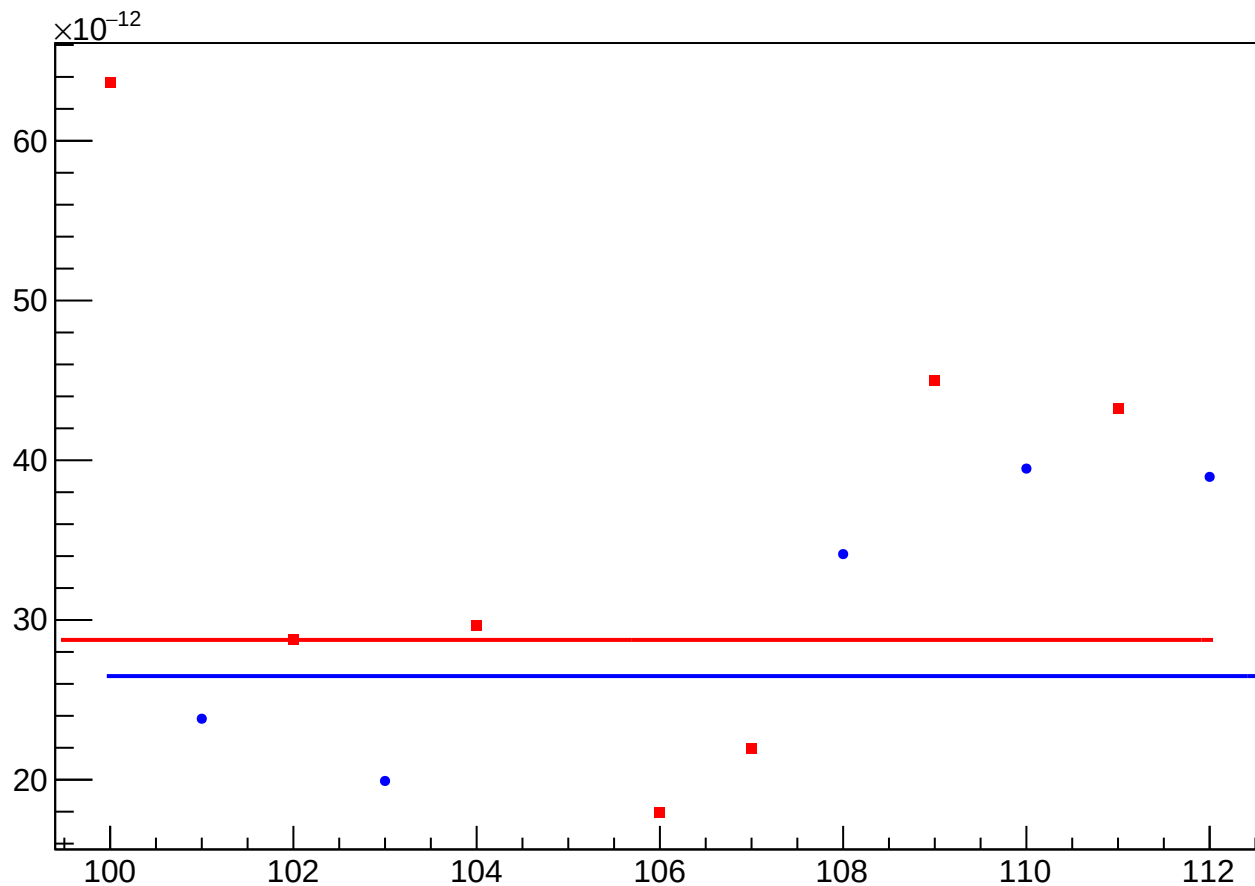
Right: 0.000+/-0.000 χ^2/NDF : 16.2/11

In: 0.000+/-0.000 χ^2/NDF : 3.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.2/11

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 248192.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 328347.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

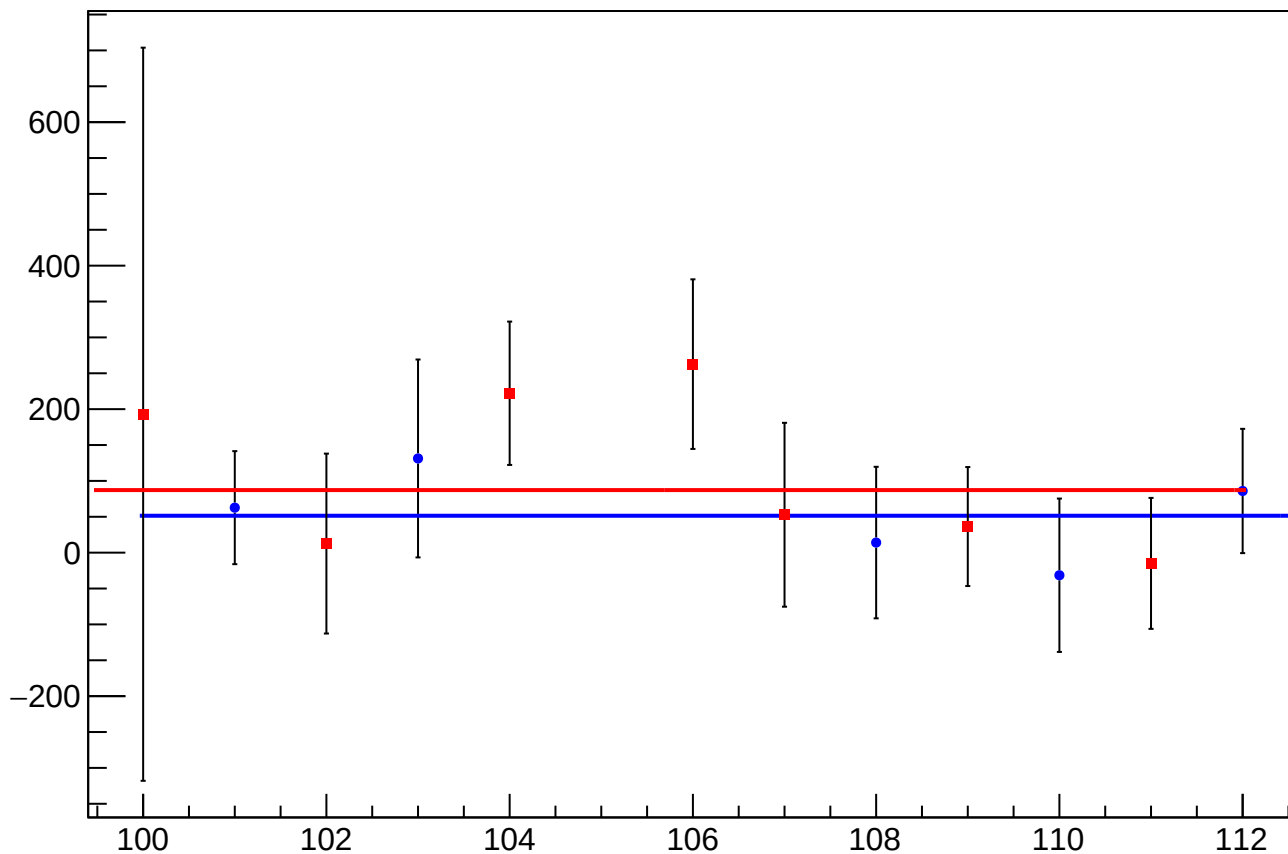
Right: 0.000+/-0.000 χ^2/NDF : 588156.0/11

In: 0.000+/-0.000 χ^2/NDF : 248192.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 588156.0/11

reg_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 51.440 $\pm$ 43.673 χ^2 /NDF: 1.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 87.198 $\pm$ 42.046 χ^2 /NDF: 6.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

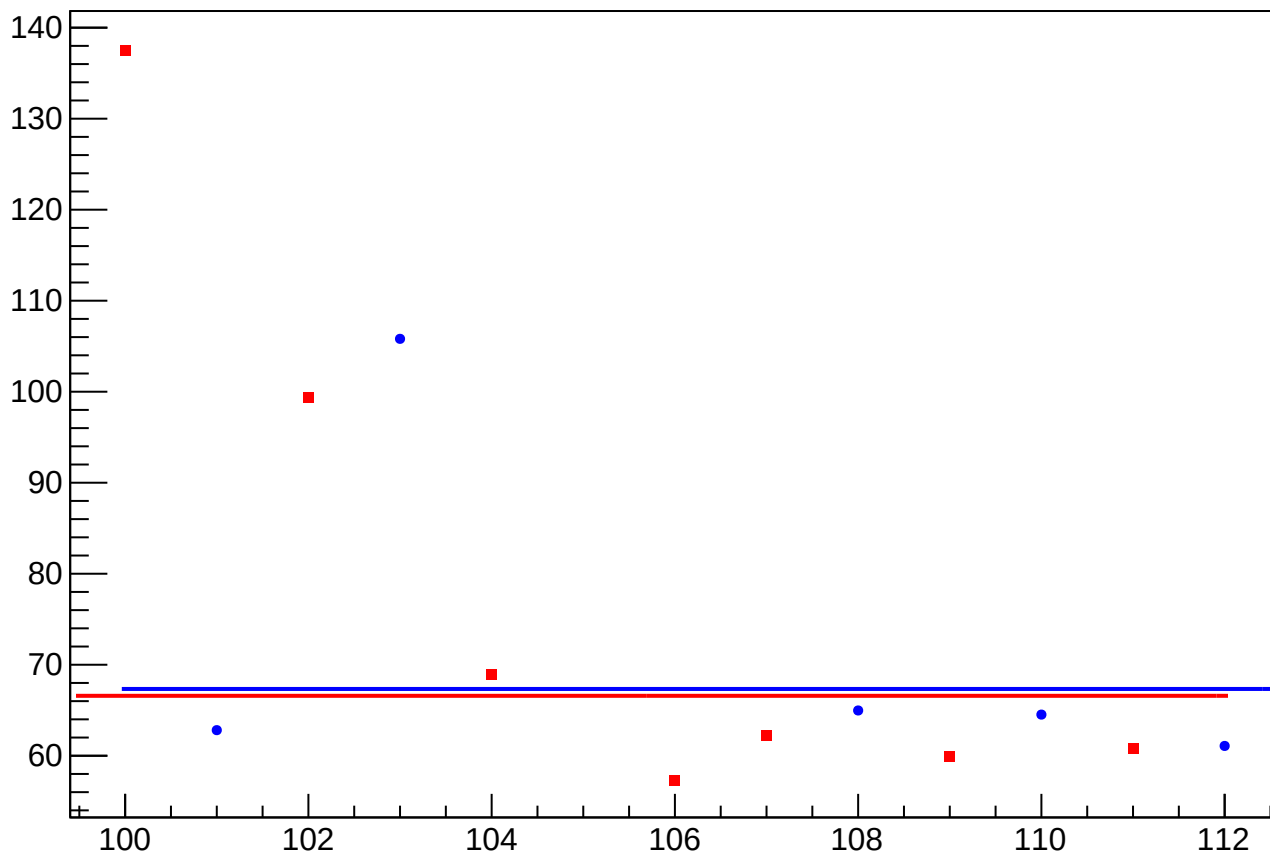
Right: 69.998 $\pm$ 30.290 χ^2 /NDF: 7.7/11

In: 51.440 $\pm$ 43.673 χ^2 /NDF: 1.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 69.998 $\pm$ 30.290 χ^2 /NDF: 7.7/11

reg_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 67.339+/-0.031 χ^2/NDF : 175074.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.586+/-0.030 χ^2/NDF : 211292.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

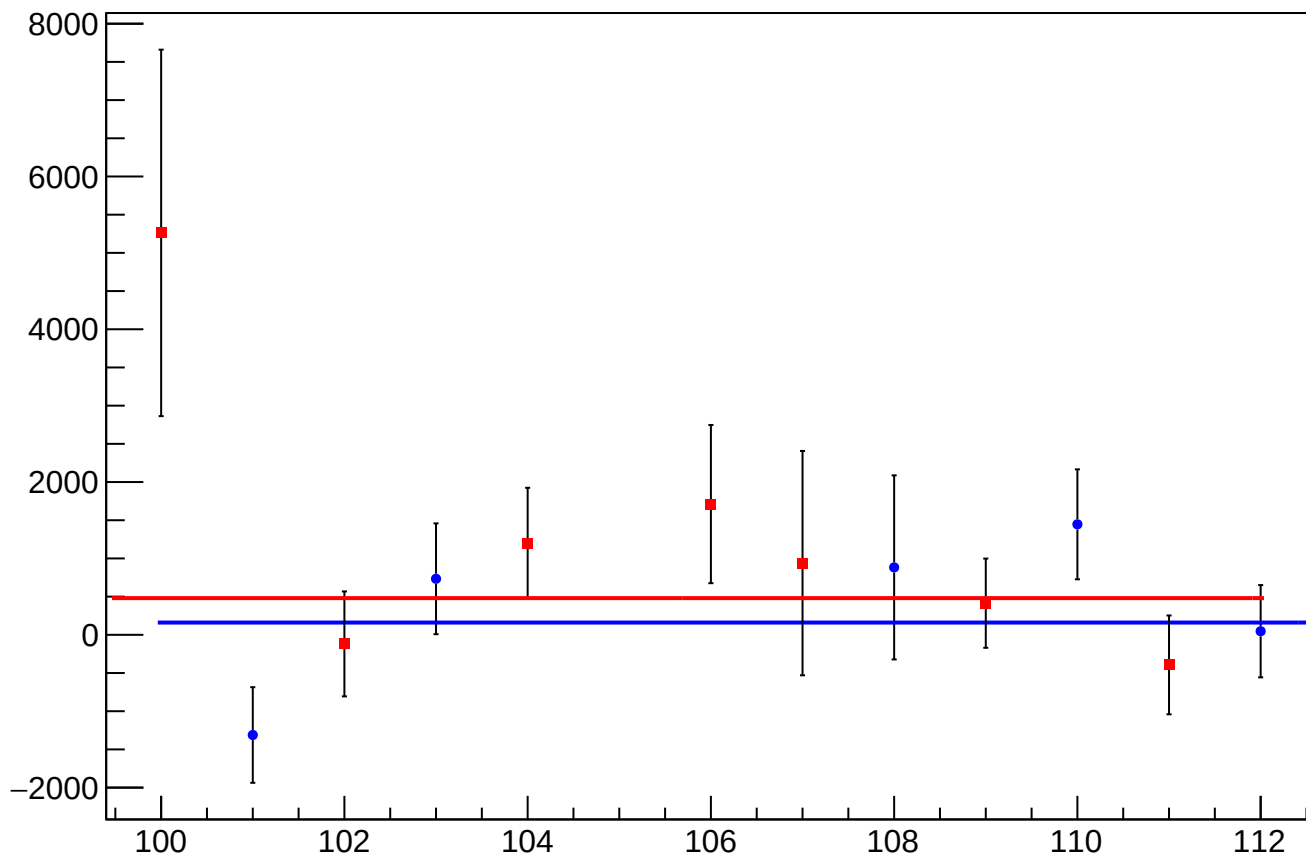
Right: 66.949+/-0.021 χ^2/NDF : 386675.5/11

In: 67.339+/-0.031 χ^2/NDF : 175074.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.949+/-0.021 χ^2/NDF : 386675.5/11

asym_sam_1548_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 160.609+/-319.201 χ^2/NDF : 9.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 480.555+/-302.759 χ^2/NDF : 9.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

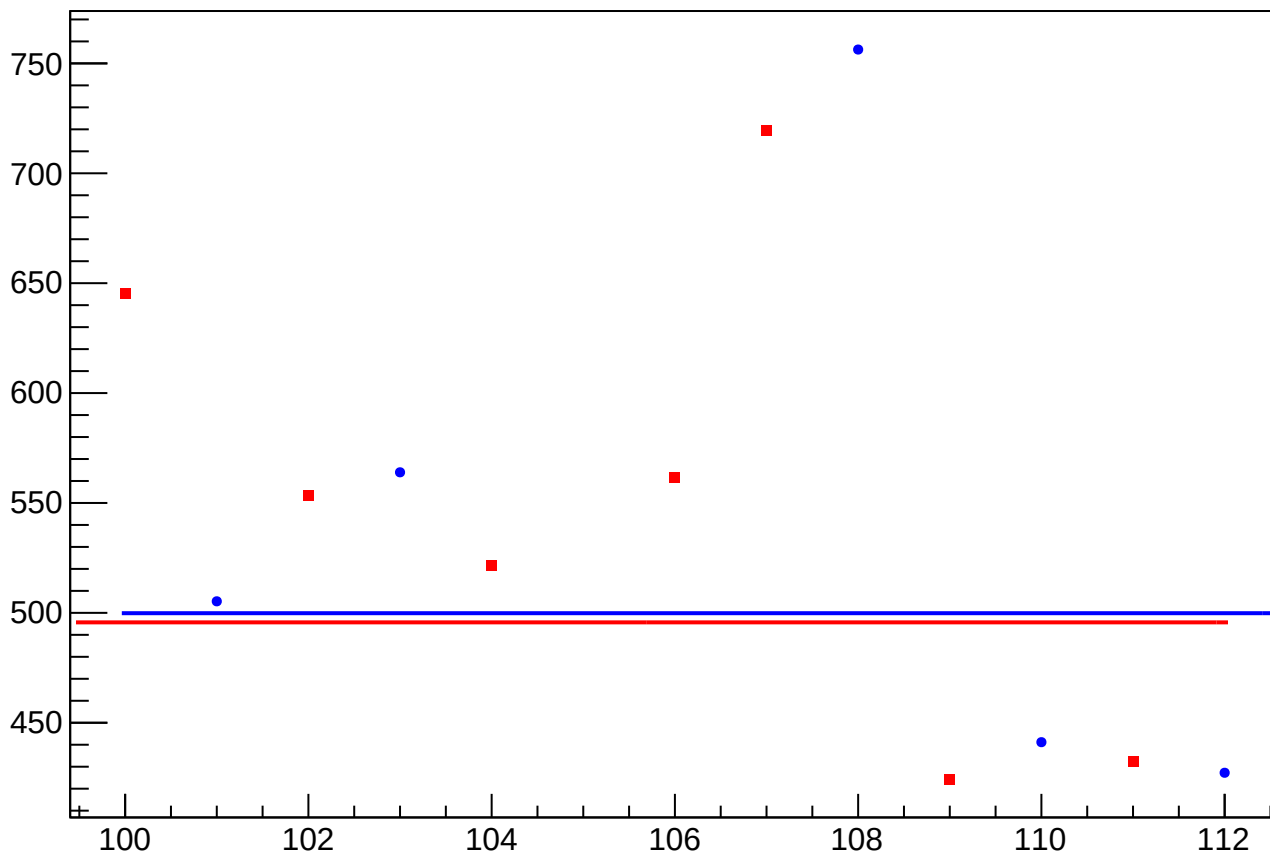
Right: 329.034+/-219.666 χ^2/NDF : 19.3/11

In: 160.609+/-319.201 χ^2/NDF : 9.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 329.034+/-219.666 χ^2/NDF : 19.3/11

asym_sam_1548_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 499.846 $\pm$ 0.226 χ^2 /NDF: 148570.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 495.674 $\pm$ 0.214 χ^2 /NDF: 128352.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

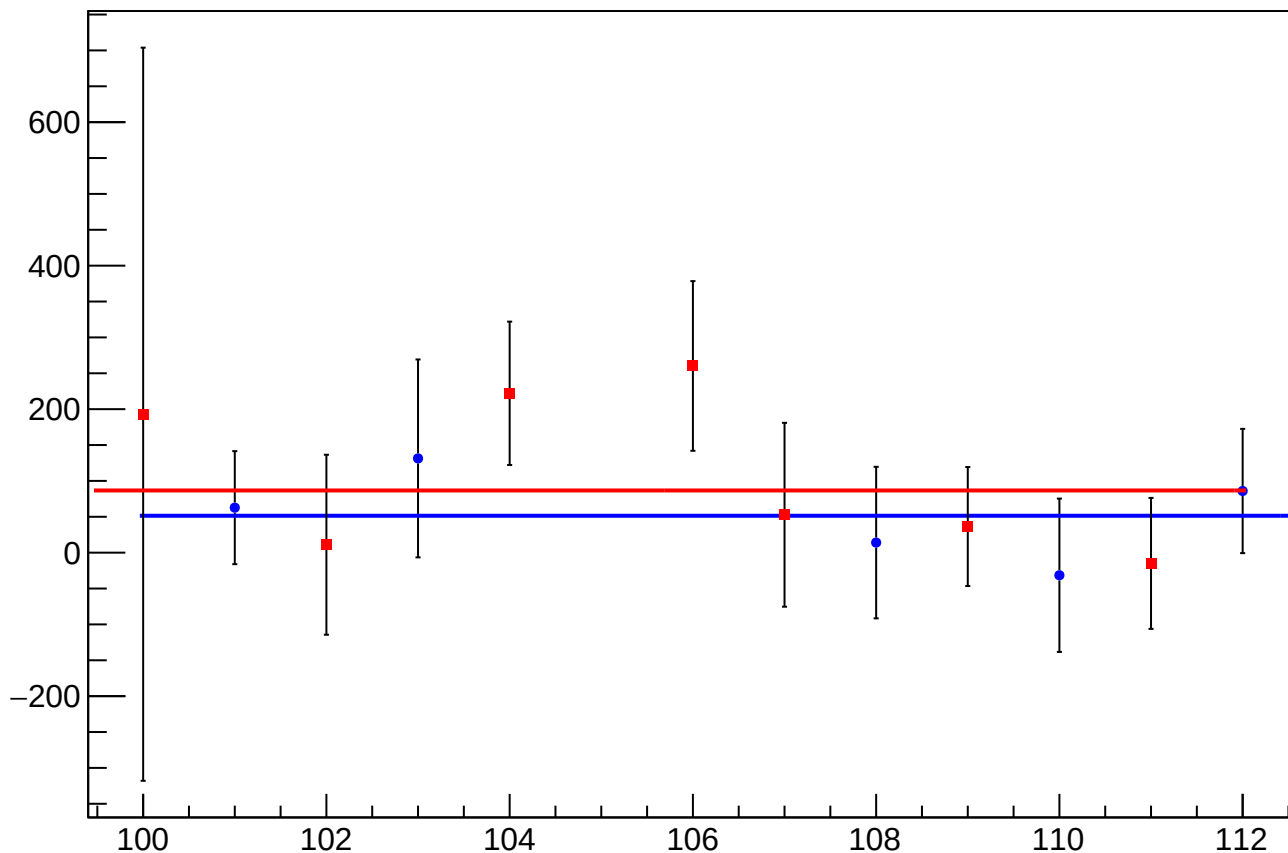
Right: 497.650 $\pm$ 0.155 χ^2 /NDF: 277103.5/11

In: 499.846 $\pm$ 0.226 χ^2 /NDF:148570.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 497.650 $\pm$ 0.155 χ^2 /NDF: 277103.5/11

cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 51.437 $\pm$ 43.674 χ^2 /NDF: 1.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 86.678 $\pm$ 42.051 χ^2 /NDF: 6.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

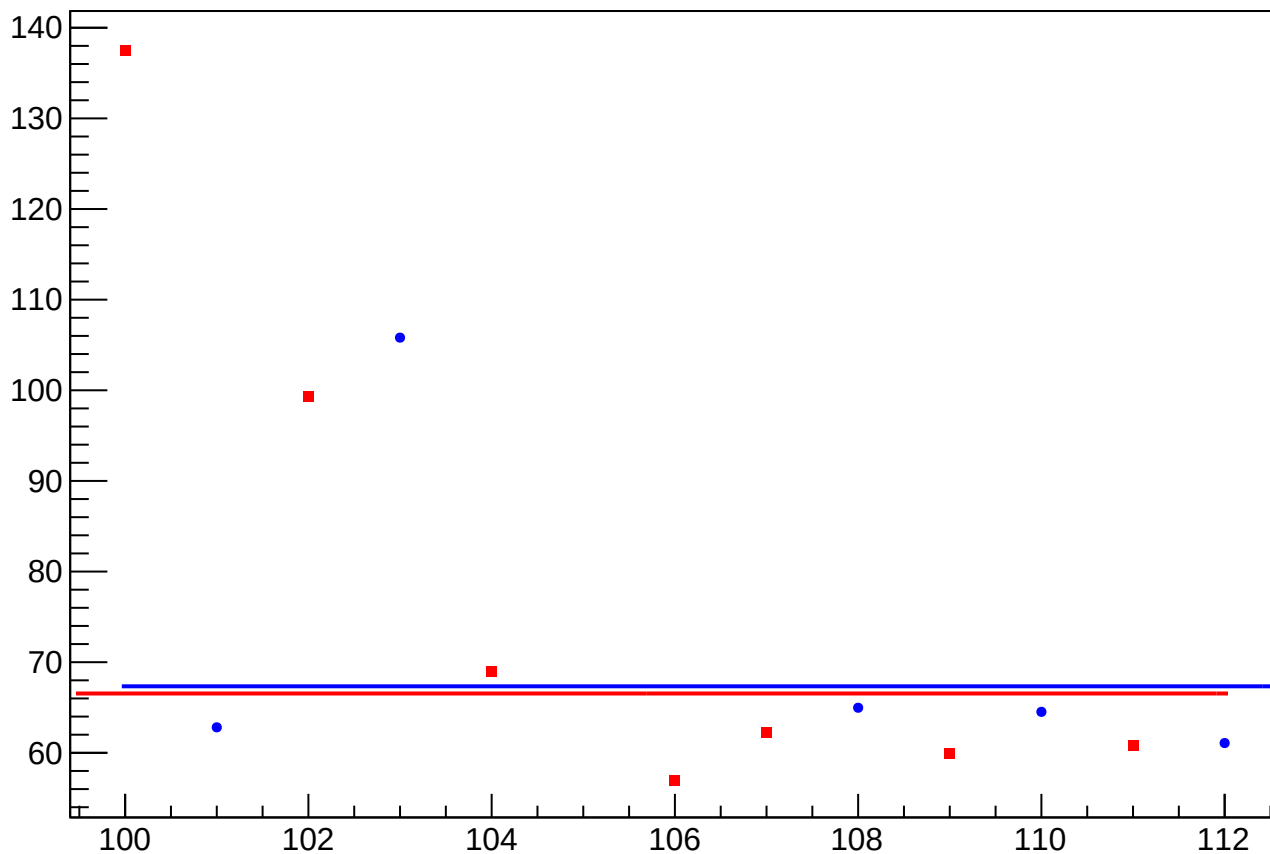
Right: 69.724 $\pm$ 30.292 χ^2 /NDF: 7.7/11

In: 51.437 $\pm$ 43.674 χ^2 /NDF:1.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 69.724 $\pm$ 30.292 χ^2 /NDF: 7.7/11

cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 67.339+/-0.031 χ^2/NDF : 175077.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.547+/-0.030 χ^2/NDF : 212417.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

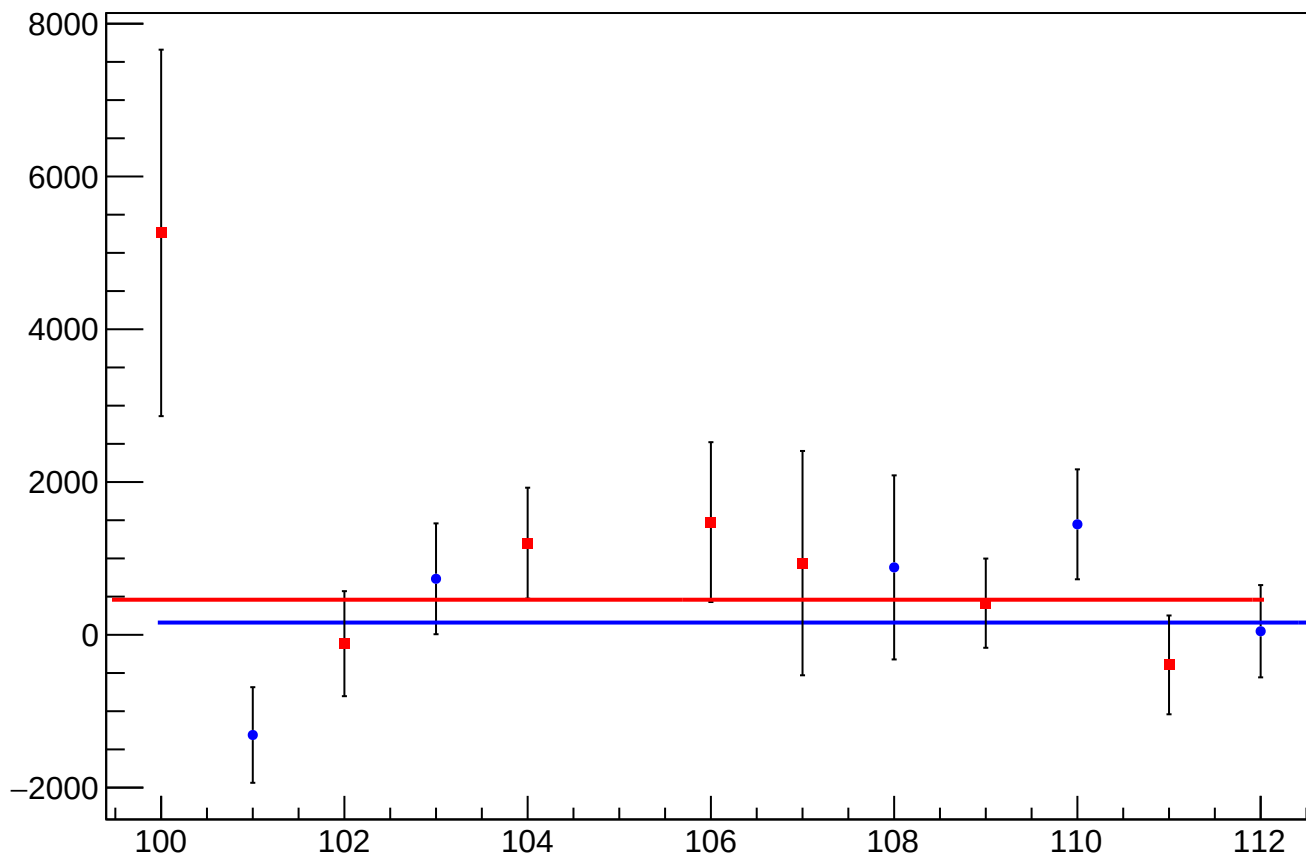
Right: 66.928+/-0.021 χ^2/NDF : 387836.5/11

In: 67.339+/-0.031 χ^2/NDF : 175077.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.928+/-0.021 χ^2/NDF : 387836.5/11

asym_sam_1548_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 160.570+/-319.207 χ^2/NDF : 9.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 459.507+/-303.062 χ^2/NDF : 8.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

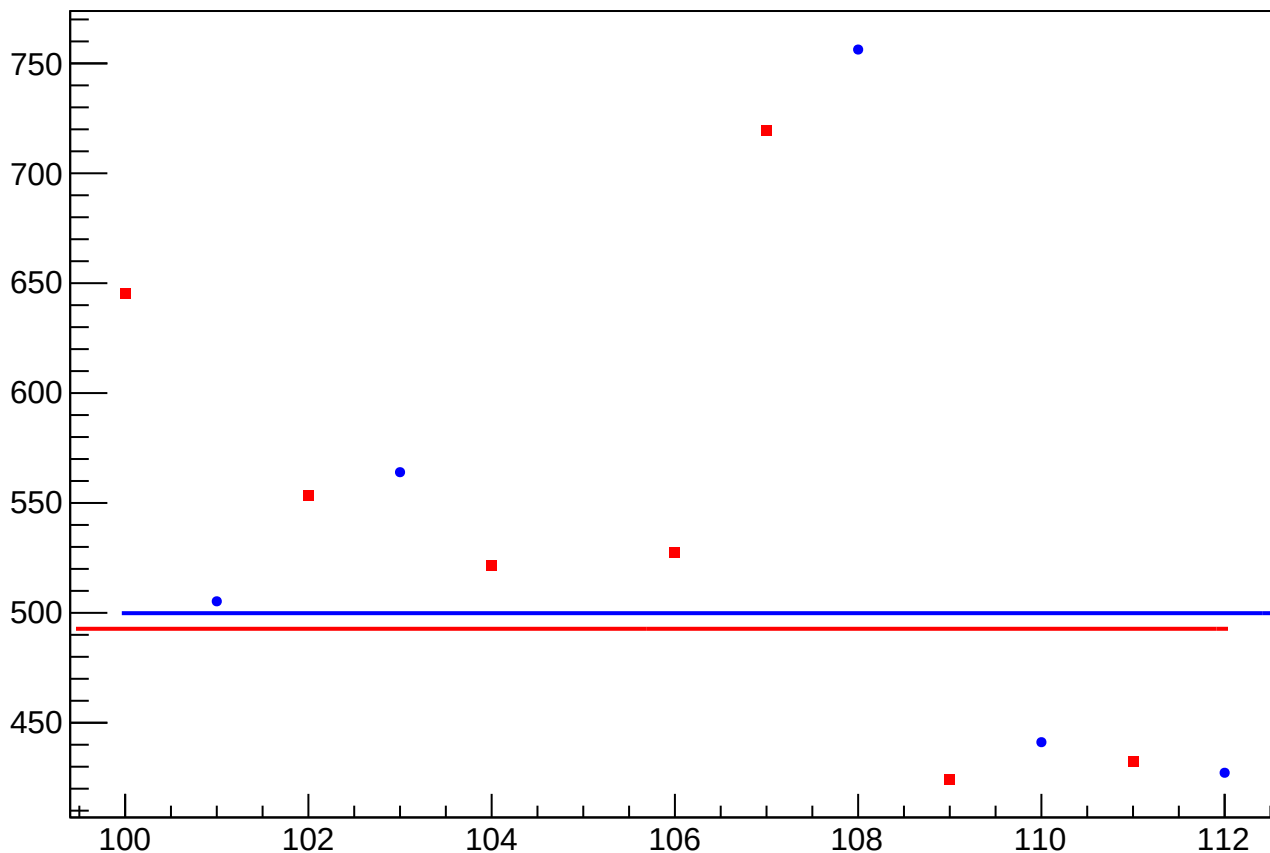
Right: 317.790+/-219.783 χ^2/NDF : 18.7/11

In: 160.570+/-319.207 χ^2/NDF : 9.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 317.790+/-219.783 χ^2/NDF : 18.7/11

asym_sam_1548_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 499.854 $\pm$ 0.226 χ^2 /NDF: 148594.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 492.753 $\pm$ 0.214 χ^2 /NDF: 122079.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

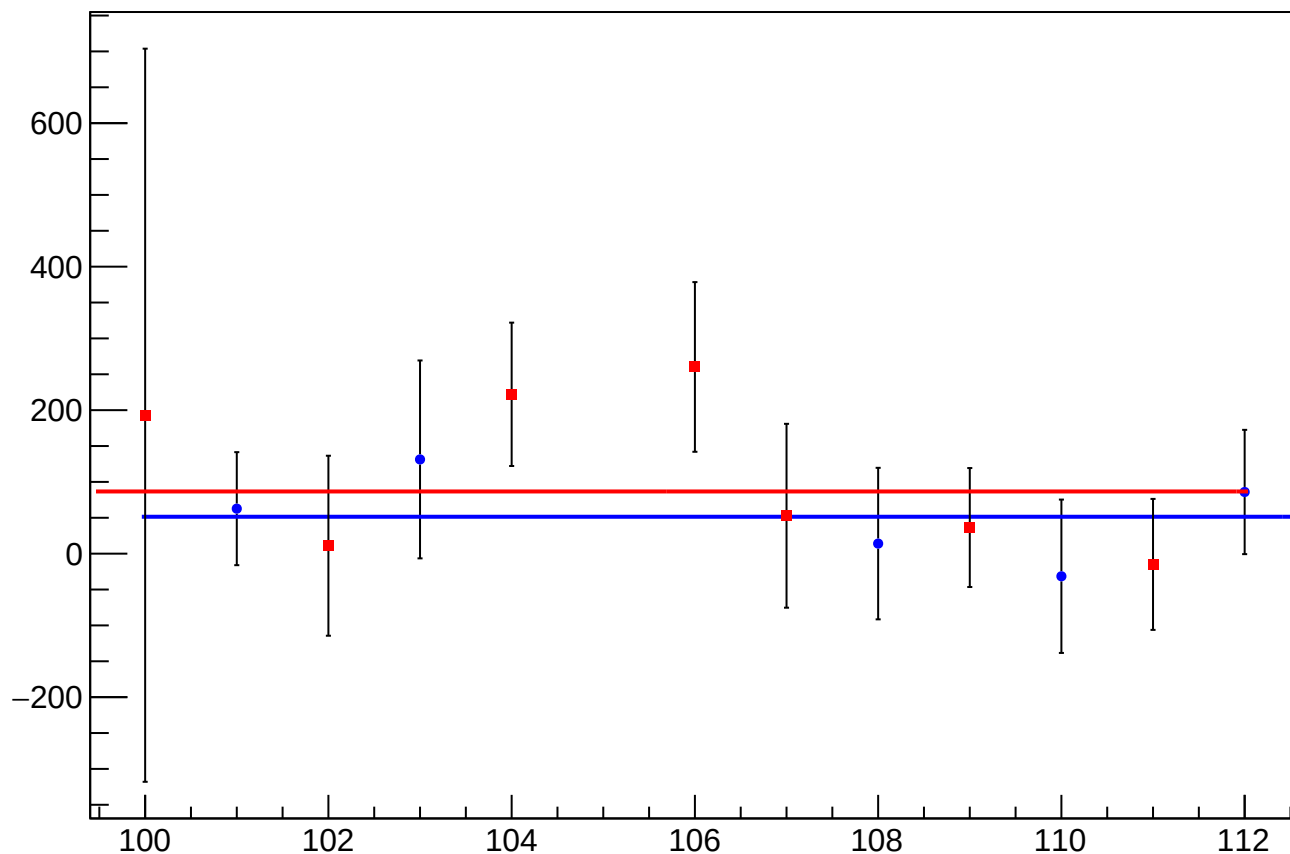
Right: 496.120 $\pm$ 0.155 χ^2 /NDF: 271194.6/11

In: 499.854 $\pm$ 0.226 χ^2 /NDF:148594.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 496.120 $\pm$ 0.155 χ^2 /NDF: 271194.6/11

eigen_cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 51.437 $\pm$ 43.674 χ^2 /NDF: 1.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 86.678 $\pm$ 42.051 χ^2 /NDF: 6.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

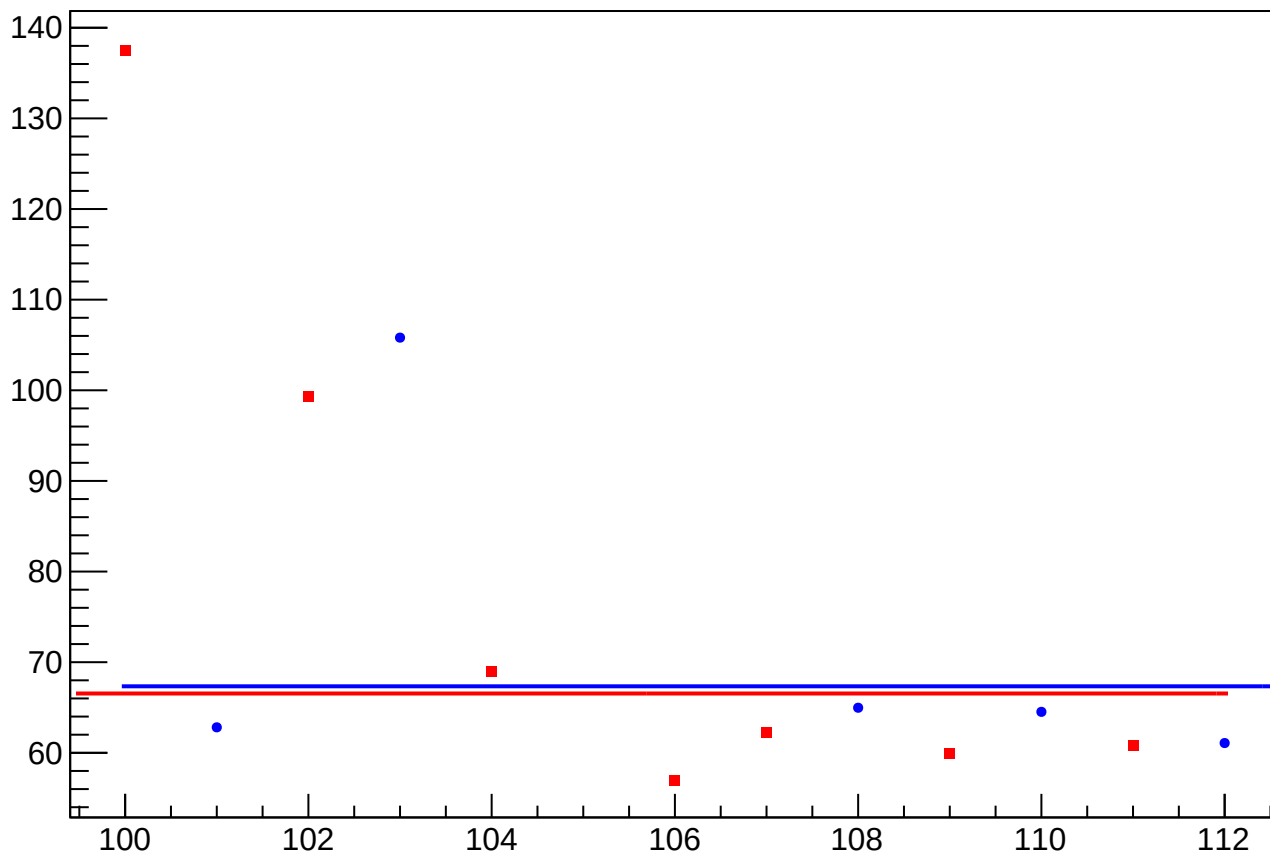
Right: 69.724 $\pm$ 30.292 χ^2 /NDF: 7.7/11

In: 51.437 $\pm$ 43.674 χ^2 /NDF:1.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 69.724 $\pm$ 30.292 χ^2 /NDF: 7.7/11

eigen_cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 67.339+/-0.031 χ^2/NDF : 175077.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.547+/-0.030 χ^2/NDF : 212417.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

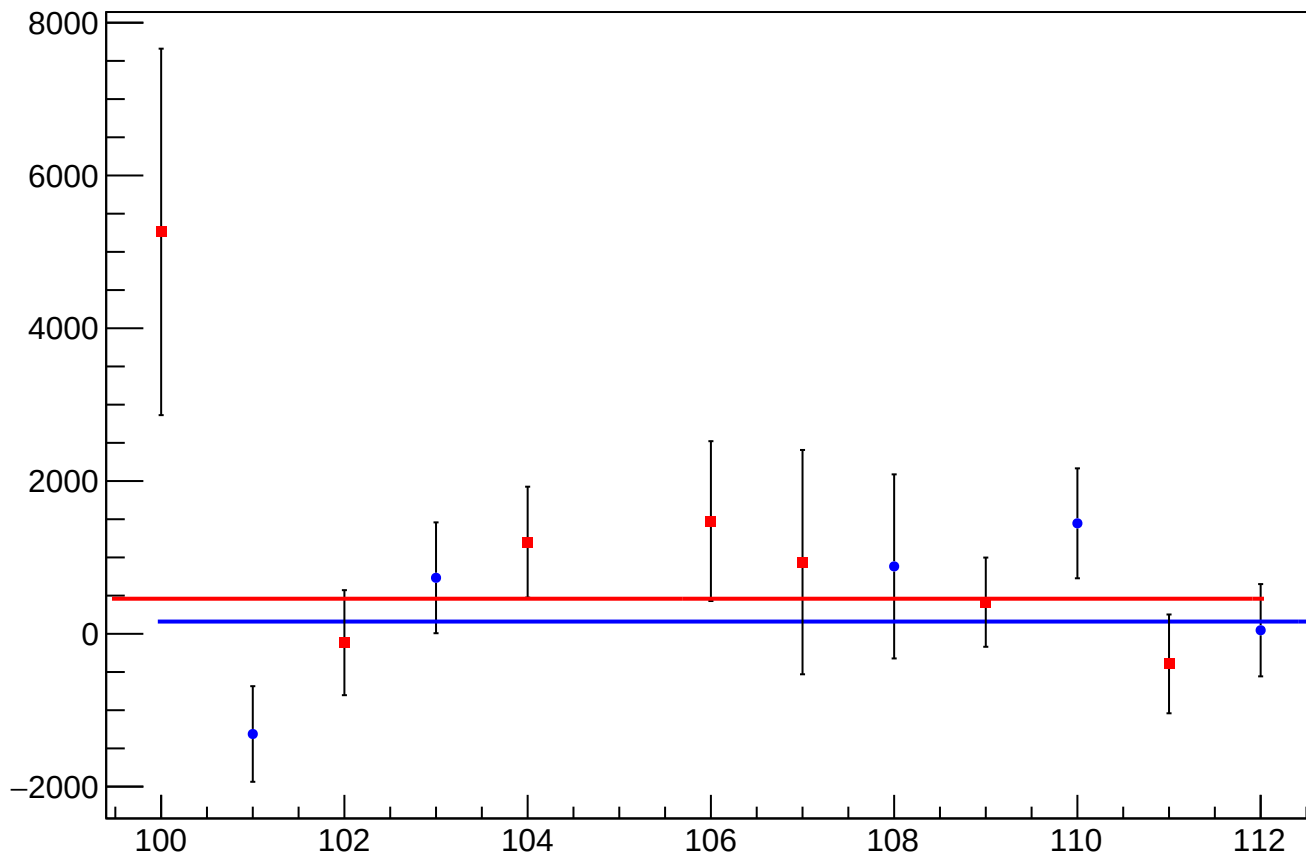
Right: 66.928+/-0.021 χ^2/NDF : 387836.5/11

In: 67.339+/-0.031 χ^2/NDF : 175077.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.928+/-0.021 χ^2/NDF : 387836.5/11

asym_sam_1548_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 160.570+/-319.207 χ^2/NDF : 9.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 459.507+/-303.062 χ^2/NDF : 8.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

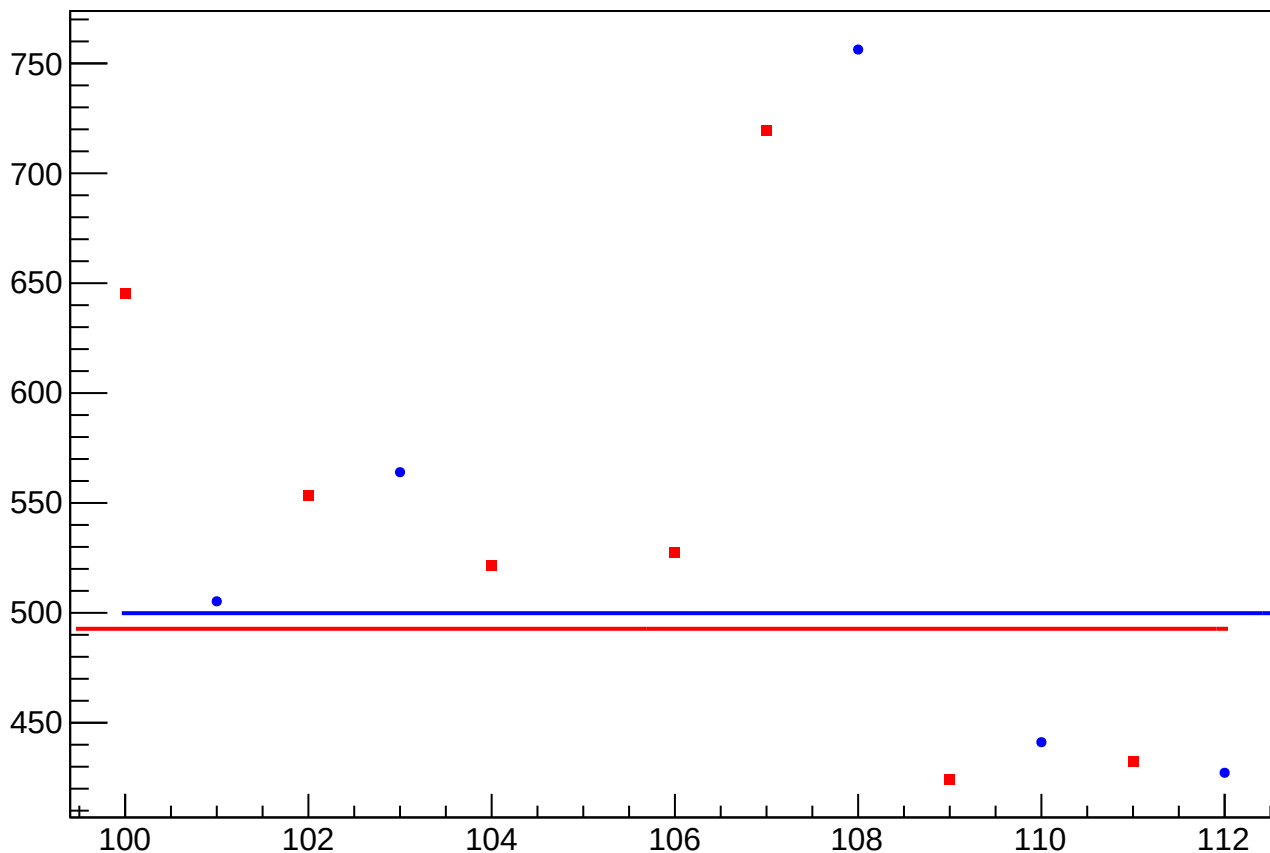
Right: 317.790+/-219.783 χ^2/NDF : 18.7/11

In: 160.570+/-319.207 χ^2/NDF : 9.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 317.790+/-219.783 χ^2/NDF : 18.7/11

asym_sam_1548_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 499.854+/-0.226 χ^2/NDF : 148594.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 492.753+/-0.214 χ^2/NDF : 122079.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

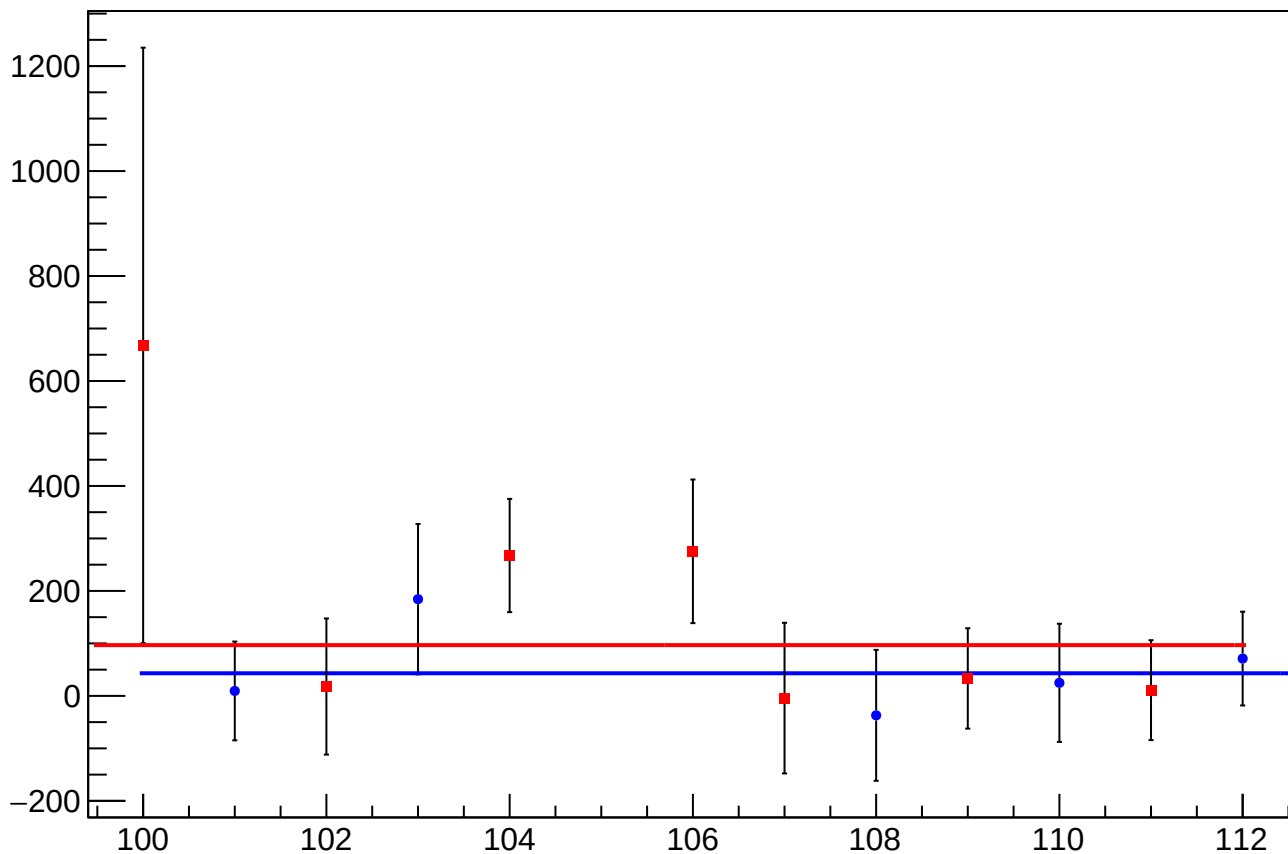
Right: 496.120+/-0.155 χ^2/NDF : 271194.6/11

In: 499.854+/-0.226 χ^2/NDF : 148594.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 496.120+/-0.155 χ^2/NDF : 271194.6/11

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 43.095+/-48.223 χ^2/NDF : 1.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.730+/-46.123 χ^2/NDF : 7.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

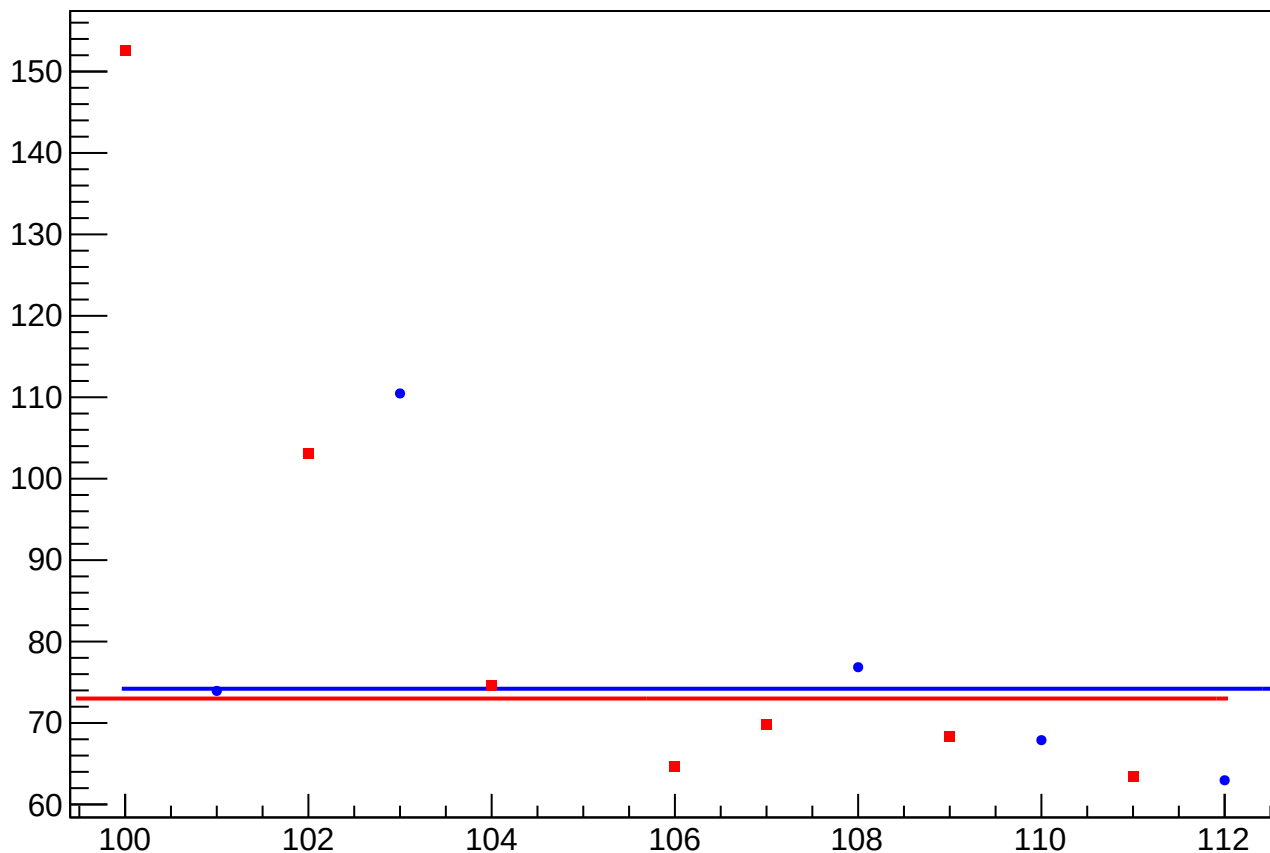
Right: 71.105+/-33.332 χ^2/NDF : 9.6/11

In: 43.095+/-48.223 χ^2/NDF : 1.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.105+/-33.332 χ^2/NDF : 9.6/11

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 74.208+/-0.034 χ^2/NDF : 167002.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.005+/-0.033 χ^2/NDF : 180332.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

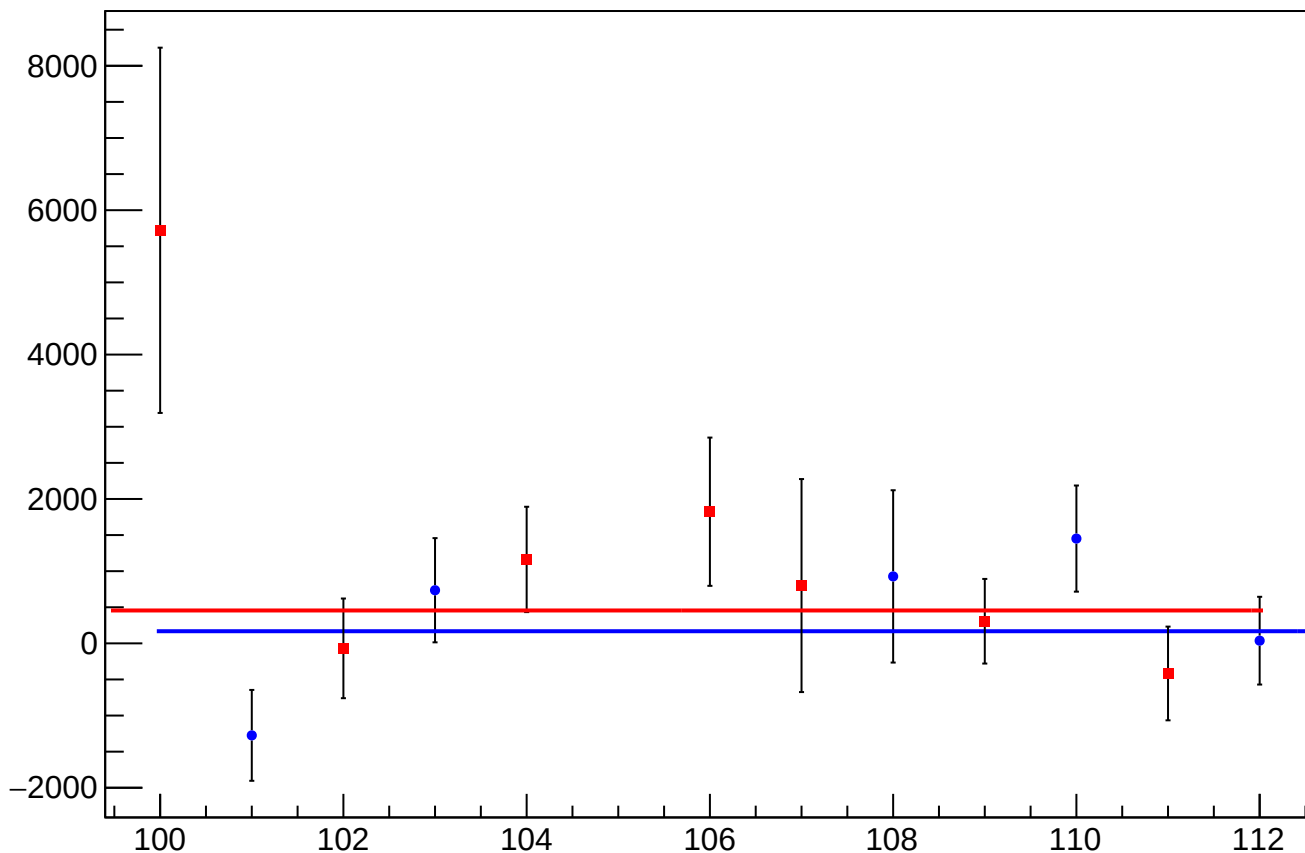
Right: 73.580+/-0.024 χ^2/NDF : 347984.0/11

In: 74.208+/-0.034 χ^2/NDF : 167002.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.580+/-0.024 χ^2/NDF : 347984.0/11

asym_sam_1548_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 168.198+/-320.997 χ^2/NDF : 9.4/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 455.564+/-303.915 χ^2/NDF : 9.6/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

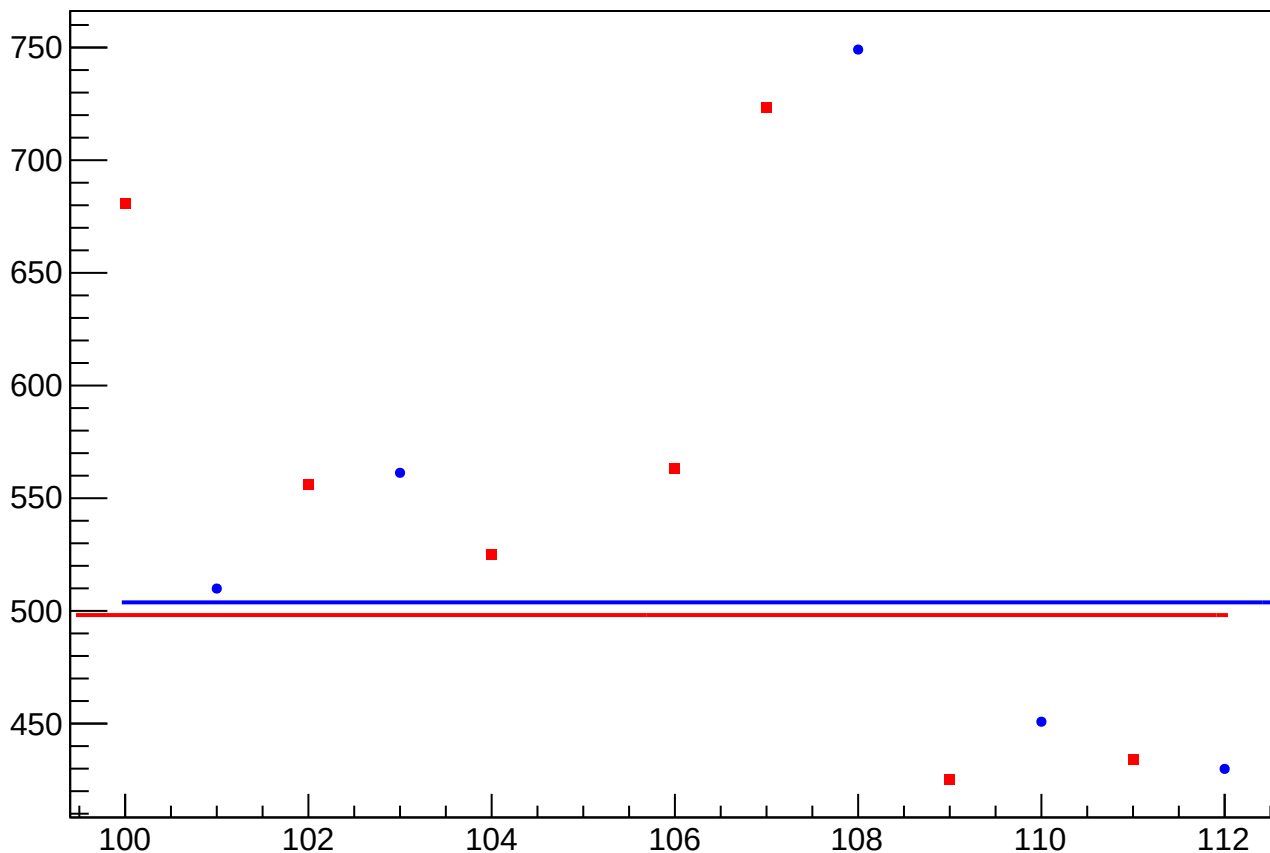
Right: 319.730+/-220.692 χ^2/NDF : 19.3/11

In: 168.198+/-320.997 χ^2/NDF :9.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 319.730+/-220.692 χ^2/NDF : 19.3/11

asym_sam_1548_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 503.782 $\pm$ 0.227 χ^2 /NDF: 137328.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 498.153 $\pm$ 0.215 χ^2 /NDF: 132637.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

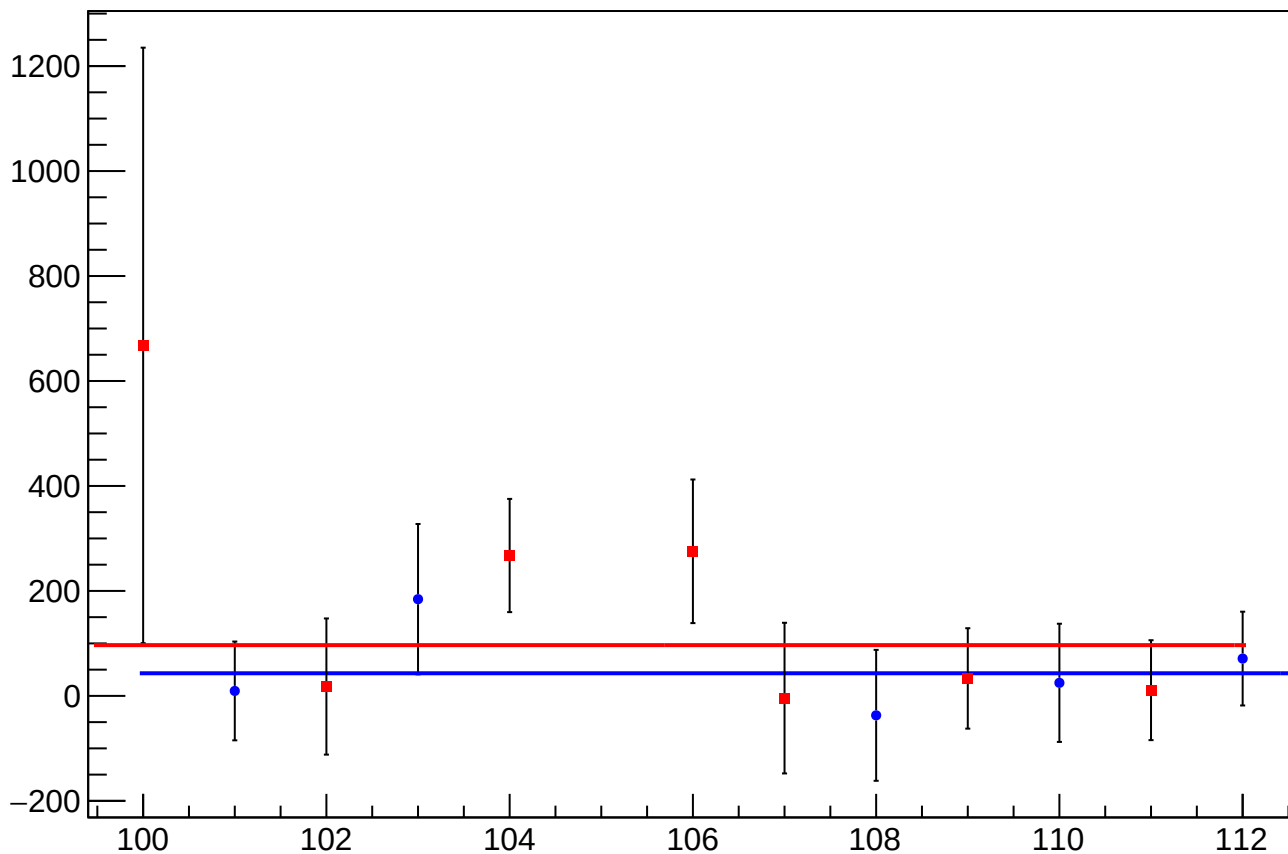
Right: 500.813 $\pm$ 0.156 χ^2 /NDF: 270289.9/11

In: 503.782 $\pm$ 0.227 χ^2 /NDF:137328.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 500.813 $\pm$ 0.156 χ^2 /NDF: 270289.9/11

eigen_dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 43.095+/-48.223 χ^2/NDF : 1.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.730+/-46.123 χ^2/NDF : 7.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

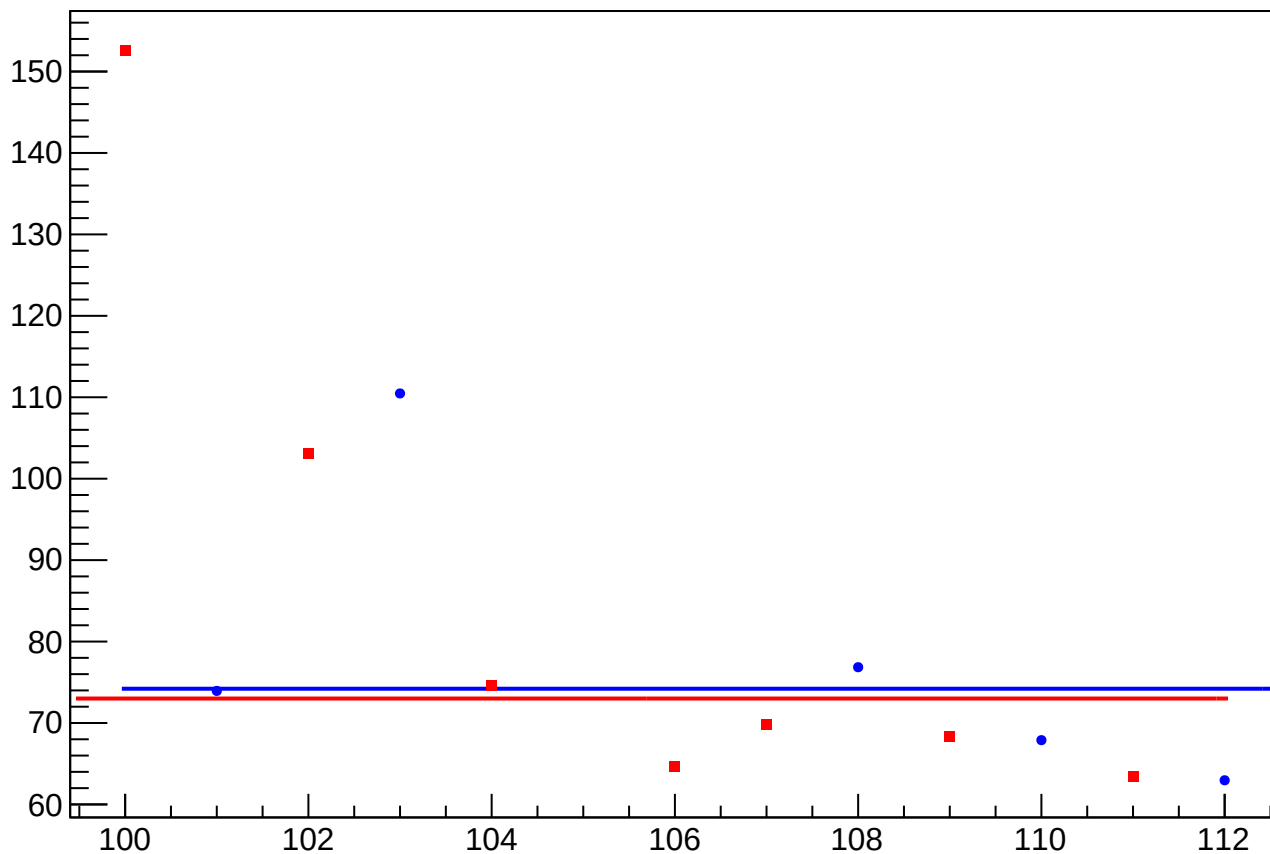
Right: 71.106+/-33.332 χ^2/NDF : 9.6/11

In: 43.095+/-48.223 χ^2/NDF : 1.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.106+/-33.332 χ^2/NDF : 9.6/11

eigen_dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 74.208+/-0.034 χ^2/NDF : 167003.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.005+/-0.033 χ^2/NDF : 180332.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

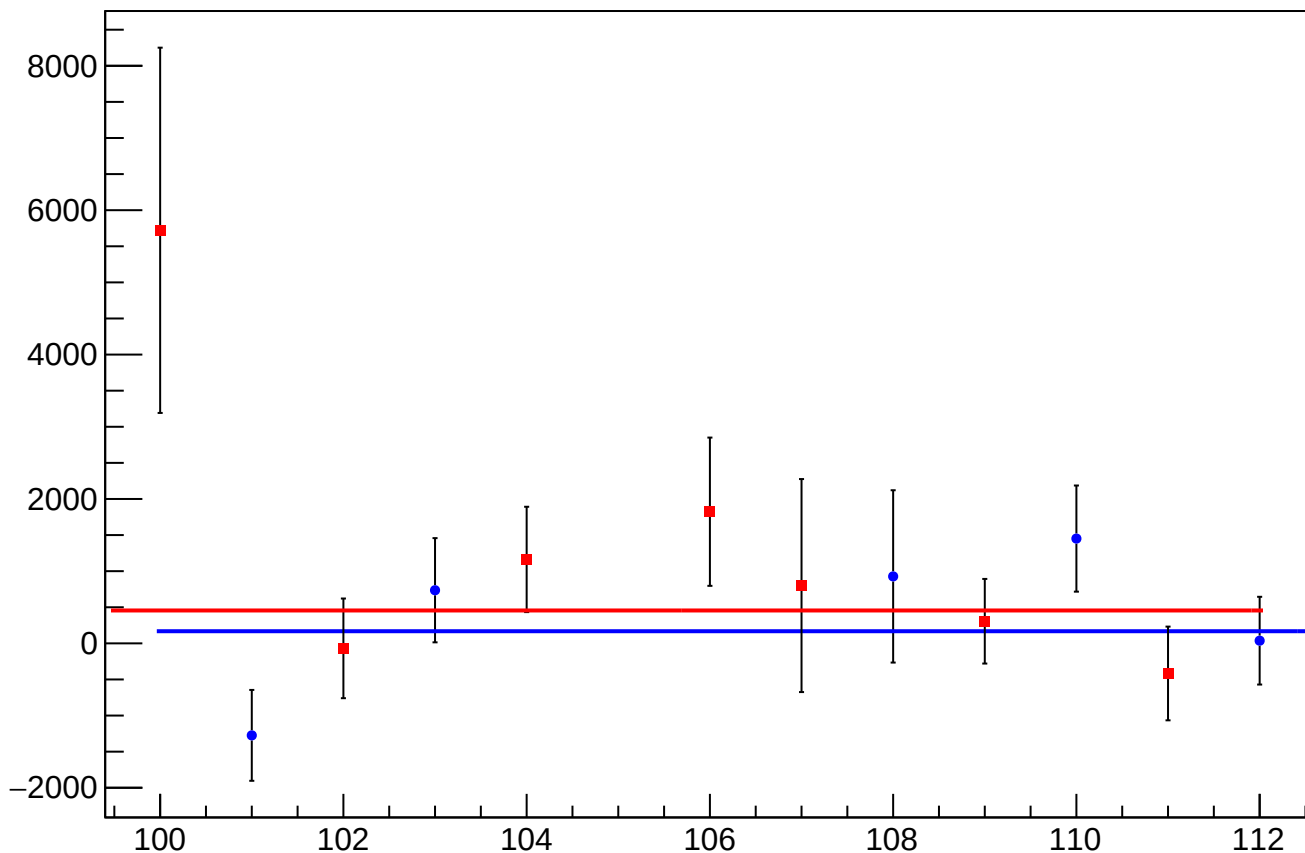
Right: 73.580+/-0.024 χ^2/NDF : 347985.2/11

In: 74.208+/-0.034 χ^2/NDF : 167003.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.580+/-0.024 χ^2/NDF : 347985.2/11

asym_sam_1548_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 168.198+/-320.996 χ^2/NDF : 9.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 455.563+/-303.915 χ^2/NDF : 9.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

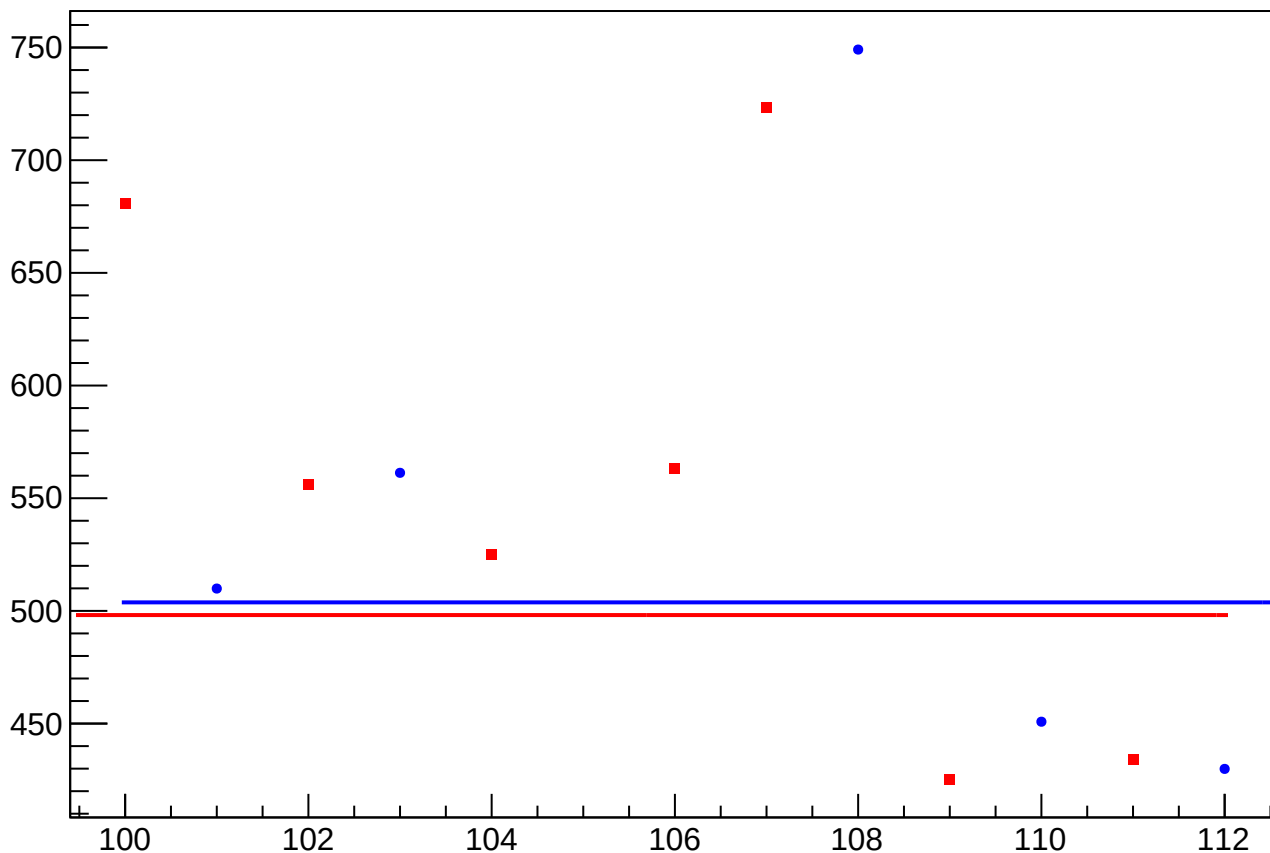
Right: 319.729+/-220.692 χ^2/NDF : 19.3/11

In: 168.198+/-320.996 χ^2/NDF : 9.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 319.729+/-220.692 χ^2/NDF : 19.3/11

asym_sam_1548_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 503.781 $\pm$ 0.227 χ^2 /NDF: 137329.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 498.152 $\pm$ 0.215 χ^2 /NDF: 132638.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

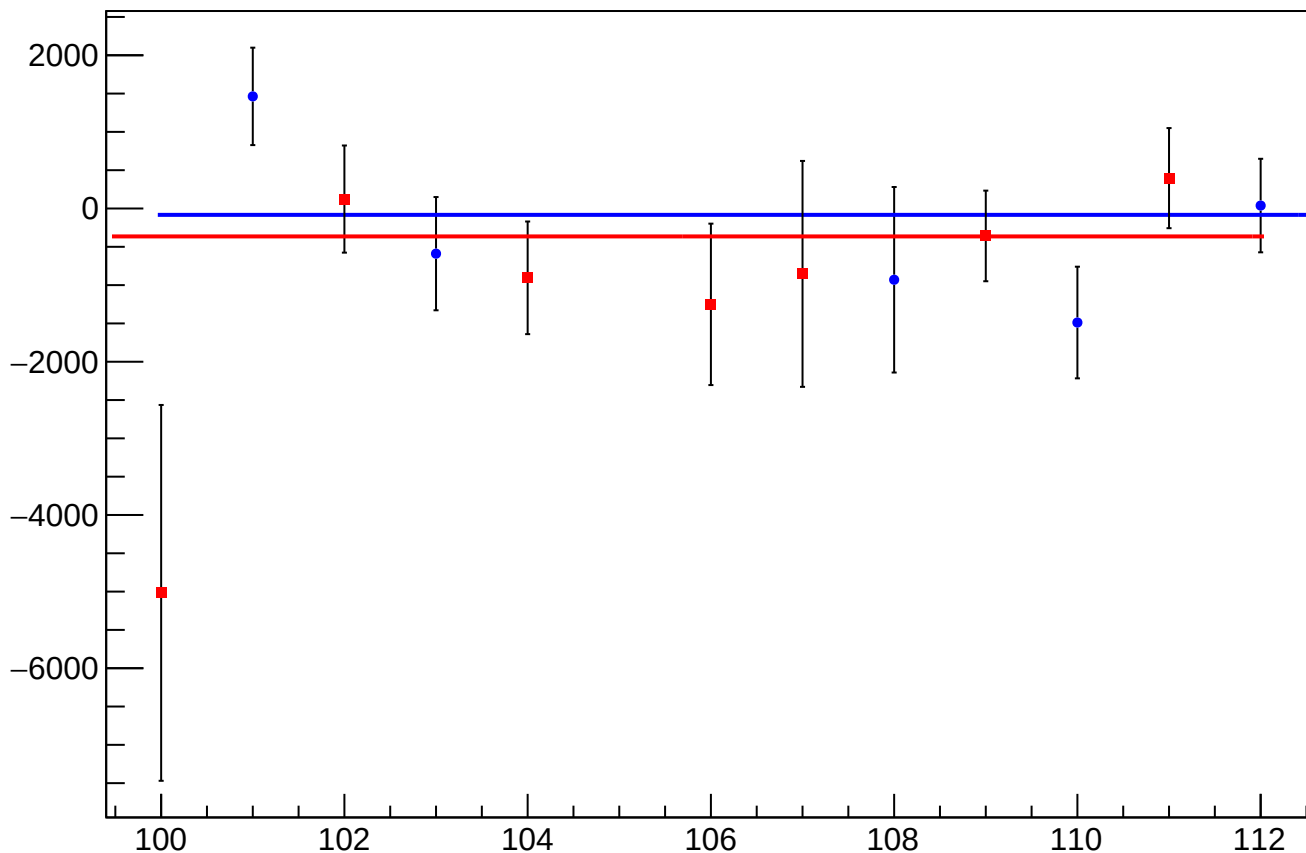
Right: 500.813 $\pm$ 0.156 χ^2 /NDF: 270291.6/11

In: 503.781 $\pm$ 0.227 χ^2 /NDF:137329.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 500.813 $\pm$ 0.156 χ^2 /NDF: 270291.6/11

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -83.022+/-323.512 χ^2/NDF : 10.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -364.378+/-306.756 χ^2/NDF : 6.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

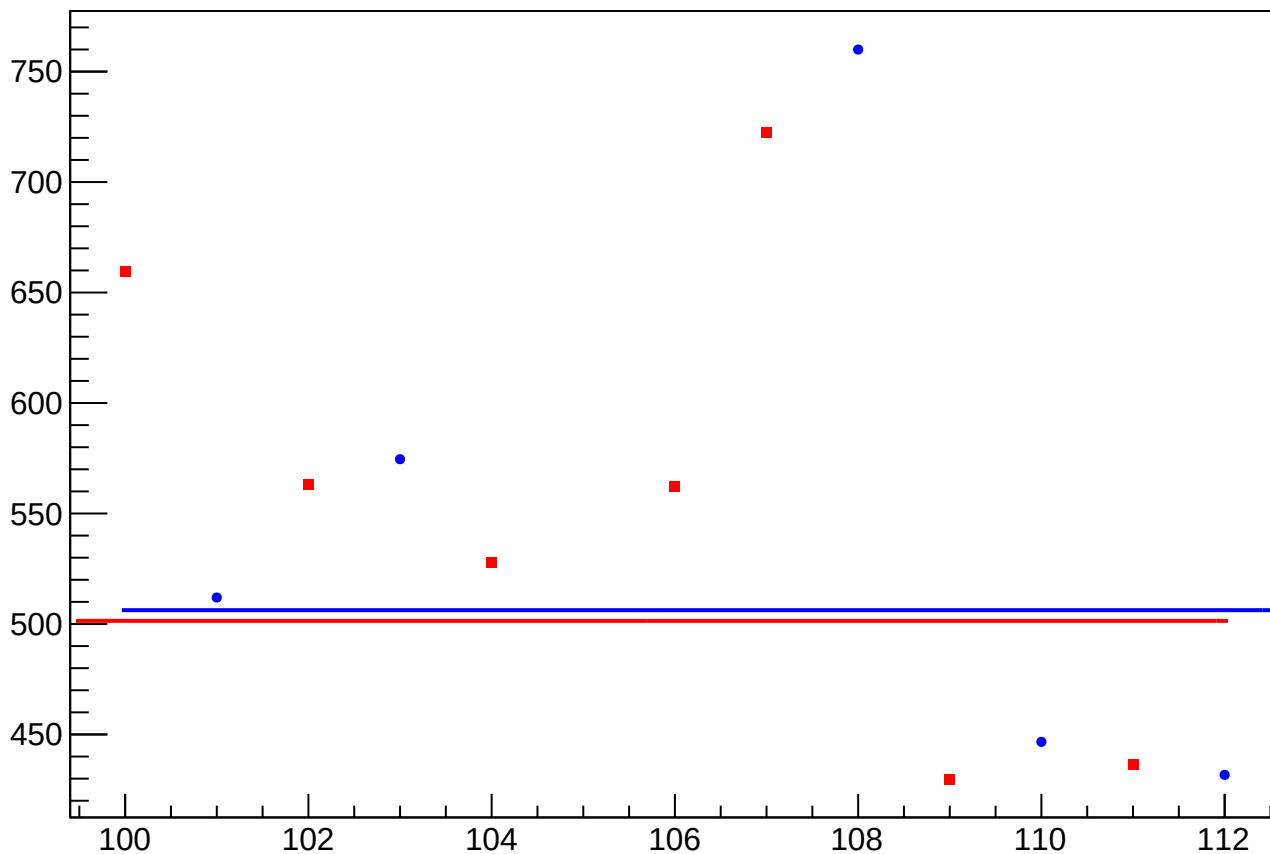
Right: -231.175+/-222.597 χ^2/NDF : 17.8/11

In: -83.022+/-323.512 χ^2/NDF : 10.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -231.175+/-222.597 χ^2/NDF : 17.8/11

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 506.252+/-0.229 χ^2/NDF : 148280.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 501.409+/-0.217 χ^2/NDF : 127482.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

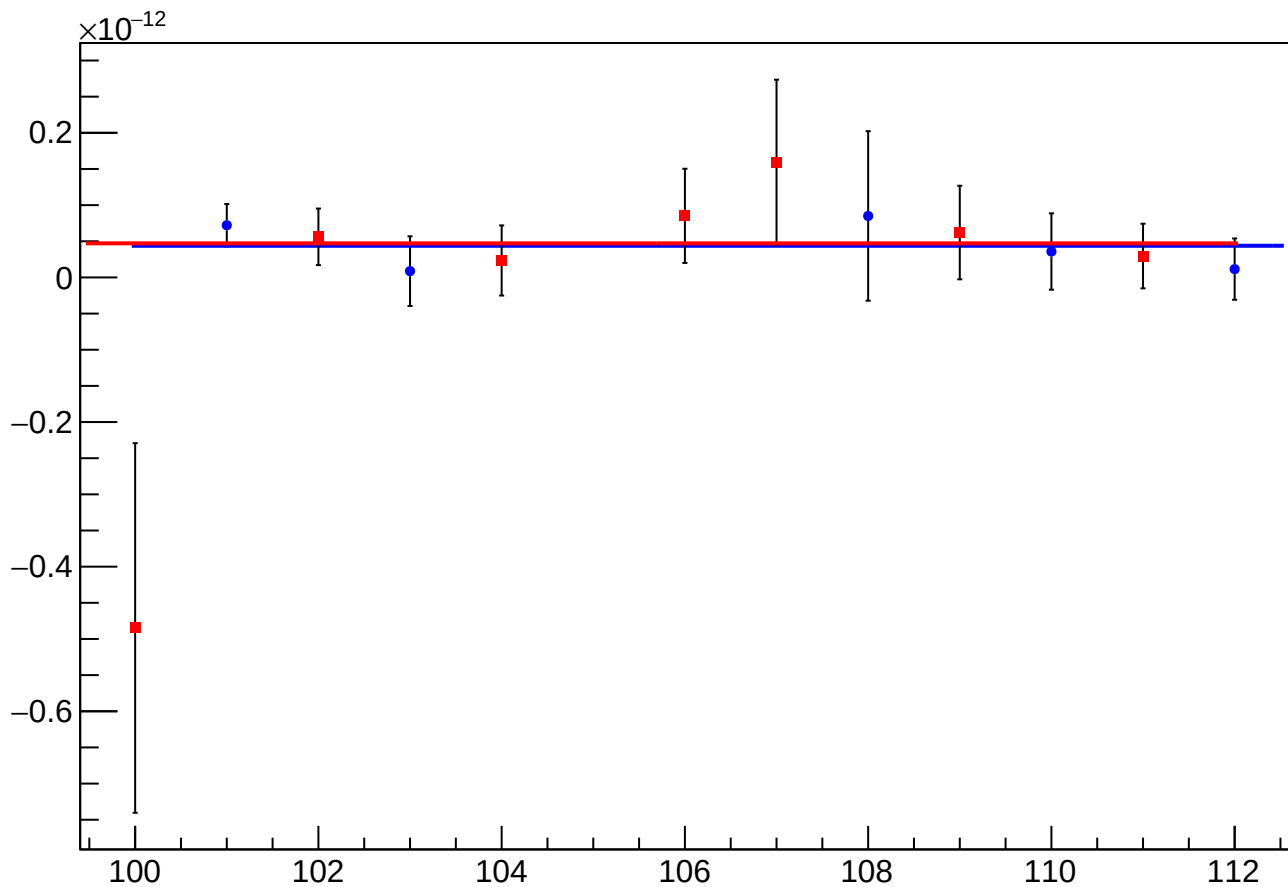
Right: 503.702+/-0.157 χ^2/NDF : 275998.6/11

In: 506.252+/-0.229 χ^2/NDF : 148280.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 503.702+/-0.157 χ^2/NDF : 275998.6/11

asym_sam_1548_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

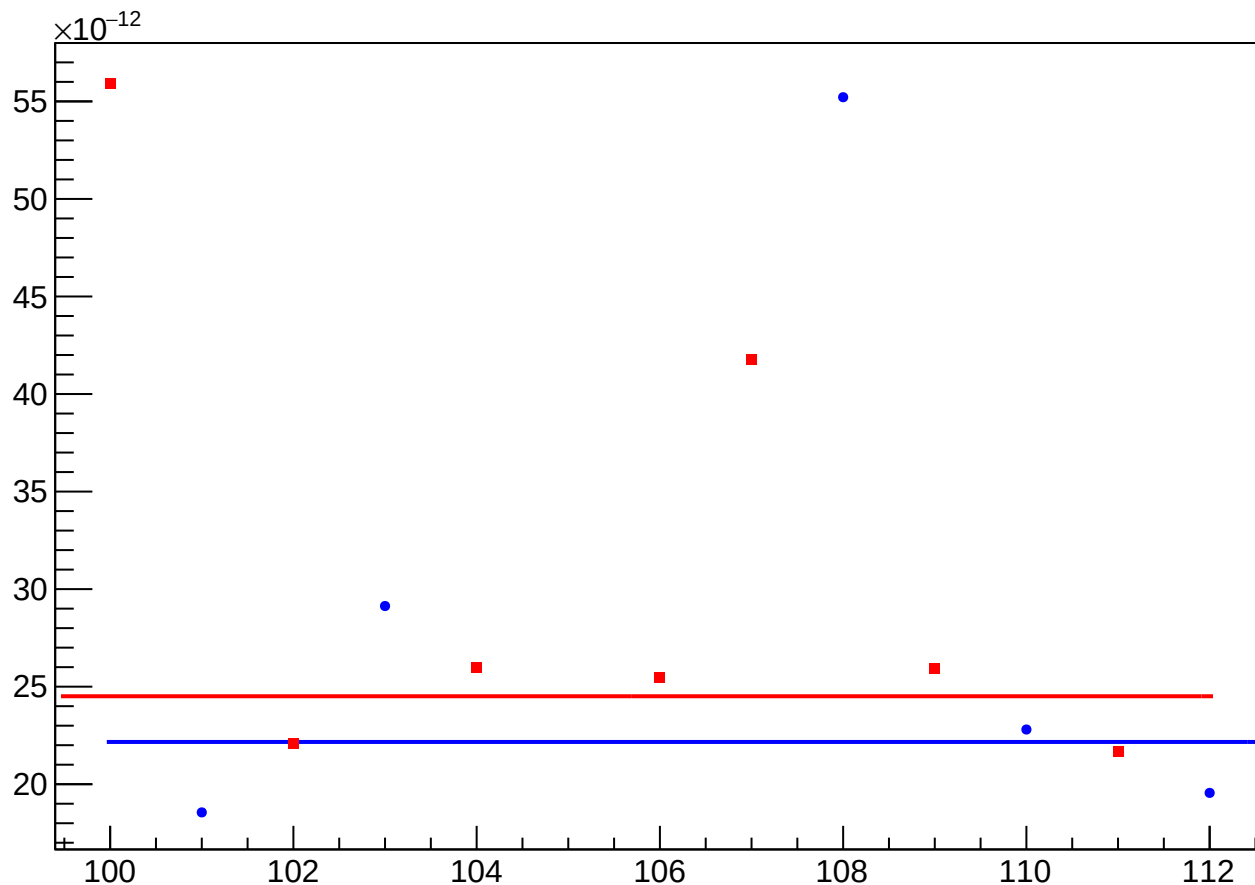
Right: 0.000+/-0.000 χ^2/NDF : 8.3/11

In: 0.000+/-0.000 χ^2/NDF : 2.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.3/11

asym_sam_1548_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 238953.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 94907.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

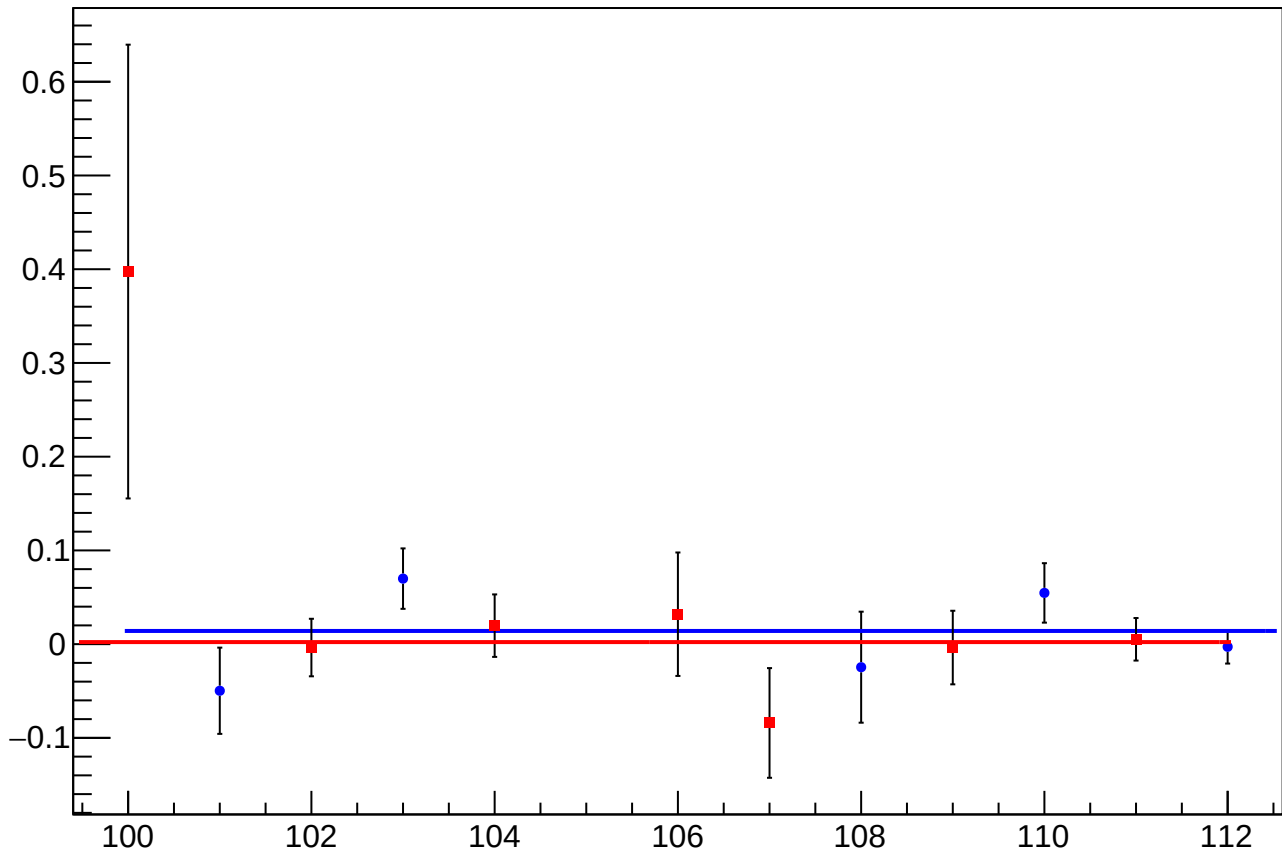
Right: 0.000+/-0.000 χ^2/NDF : 346719.3/11

In: 0.000+/-0.000 χ^2/NDF : 238953.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 346719.3/11

asym_sam_1548_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.013 χ^2 /NDF: 7.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.014 χ^2 /NDF: 5.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

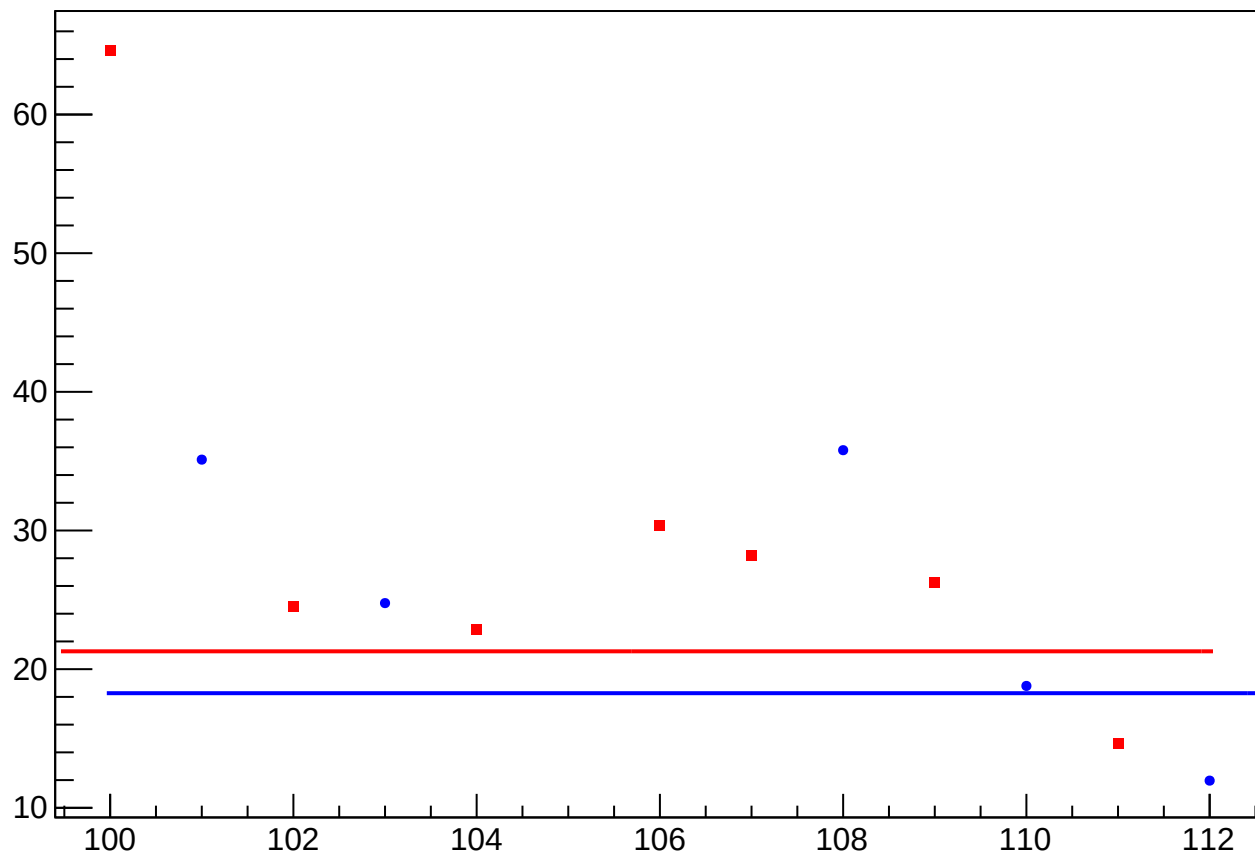
Right: 0.009 $\pm$ 0.010 χ^2 /NDF: 13.7/11

In: 0.014 $\pm$ 0.013 χ^2 /NDF:7.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.010 χ^2 /NDF: 13.7/11

asym_sam_1548_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.267+/-0.009 χ^2/NDF : 773871.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.287+/-0.010 χ^2/NDF : 361494.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

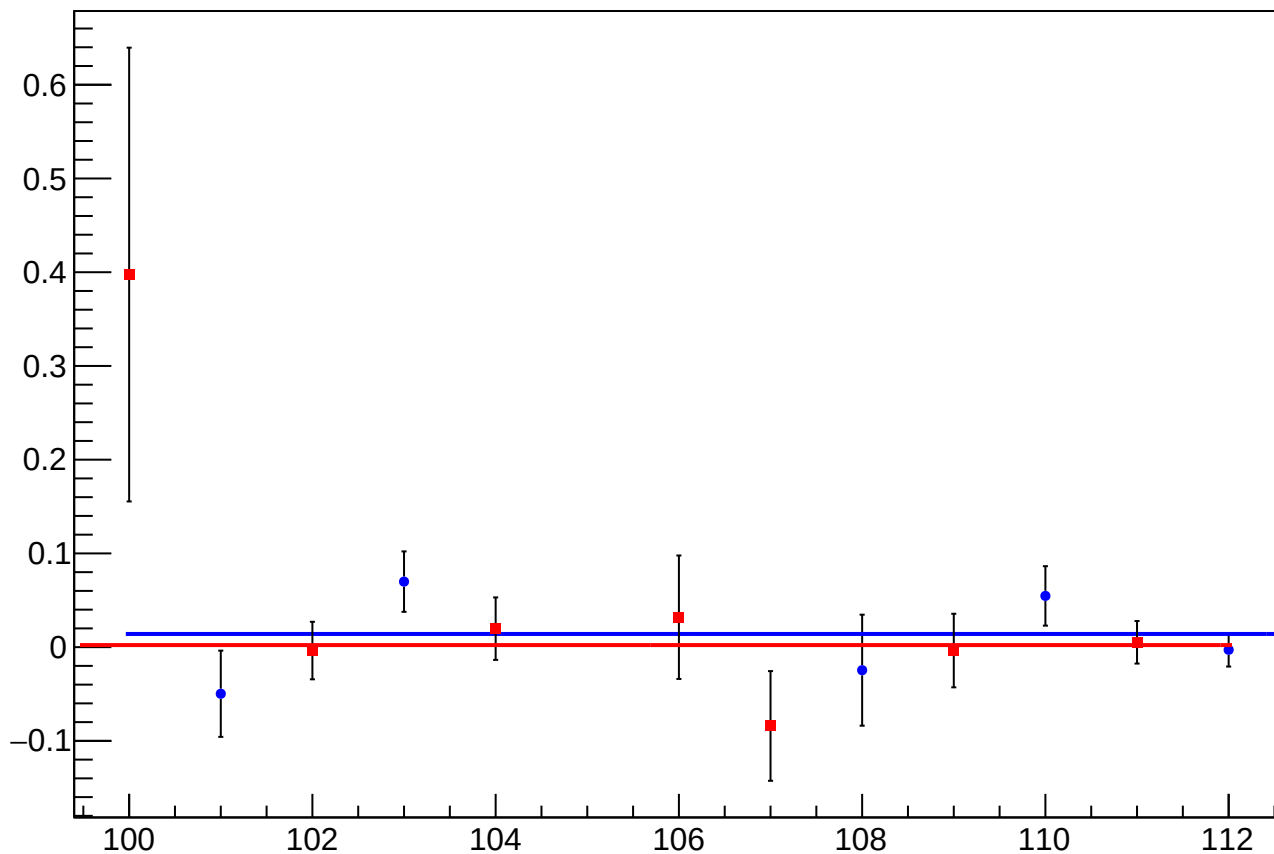
Right: 19.674+/-0.007 χ^2/NDF : 1184989.0/11

In: 18.267+/-0.009 χ^2/NDF : 773871.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.674+/-0.007 χ^2/NDF : 1184989.0/11

asym_sam_1548_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.013 χ^2 /NDF: 7.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.014 χ^2 /NDF: 5.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

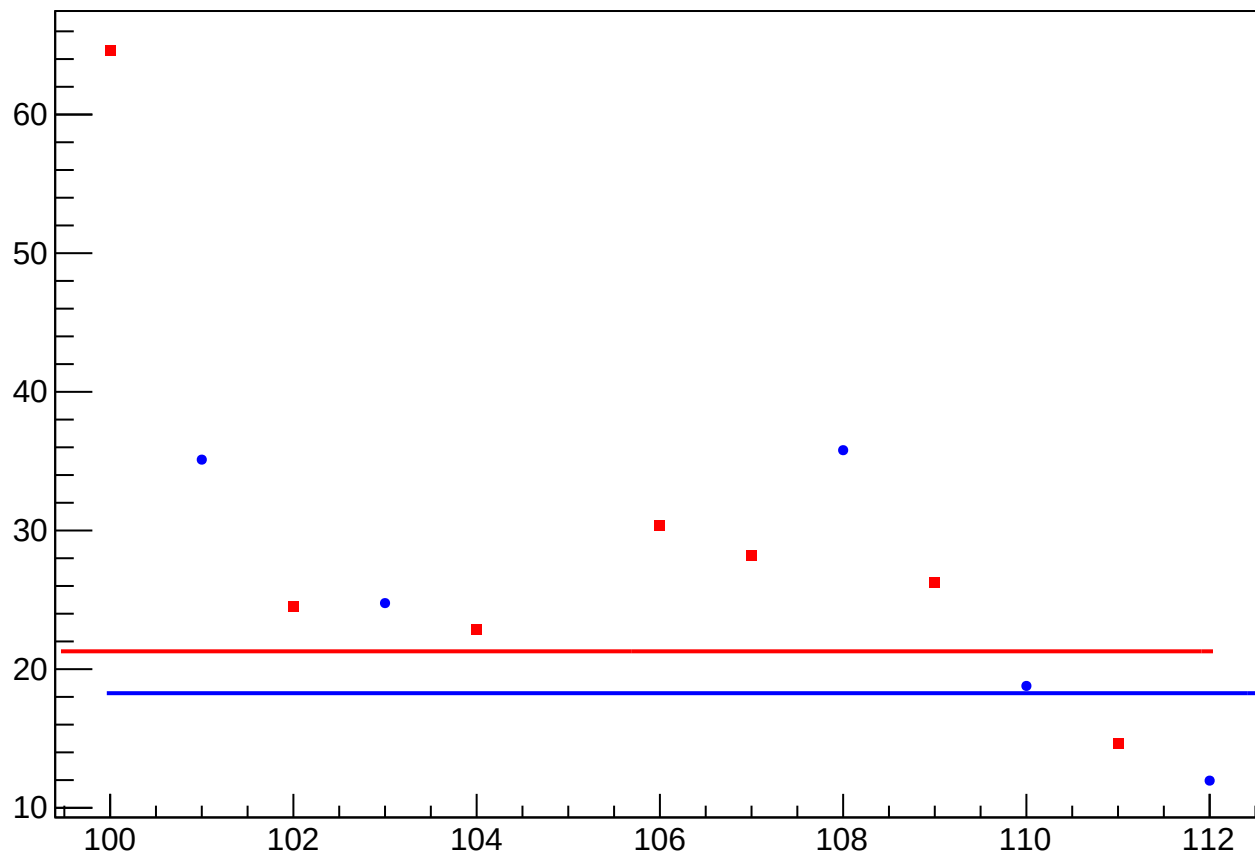
Right: 0.009 $\pm$ 0.010 χ^2 /NDF: 13.7/11

In: 0.014 $\pm$ 0.013 χ^2 /NDF:7.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.010 χ^2 /NDF: 13.7/11

asym_sam_1548_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.267+/-0.009 χ^2/NDF : 773871.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.287+/-0.010 χ^2/NDF : 361494.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

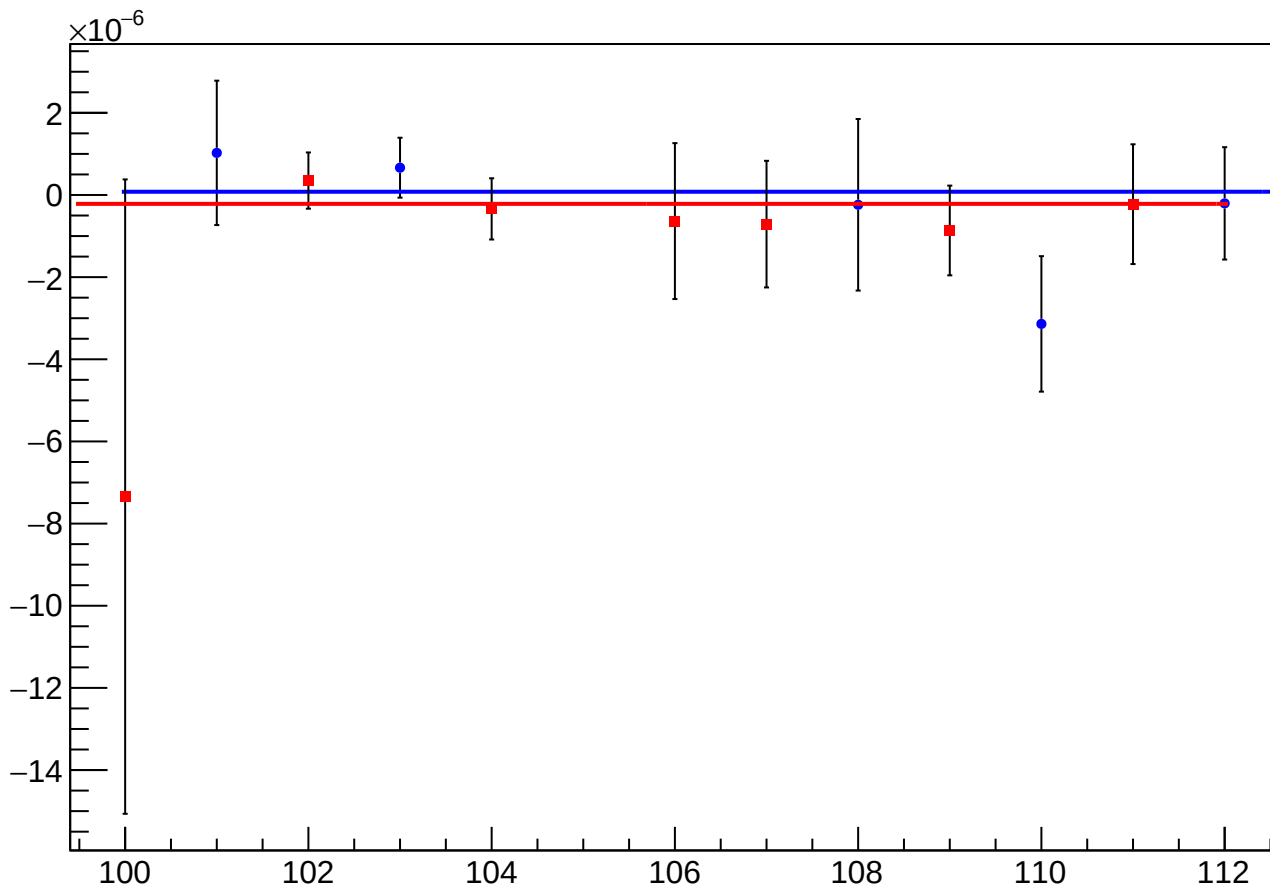
Right: 19.674+/-0.007 χ^2/NDF : 1184989.0/11

In: 18.267+/-0.009 χ^2/NDF : 773871.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.674+/-0.007 χ^2/NDF : 1184989.0/11

asym_sam_1548_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

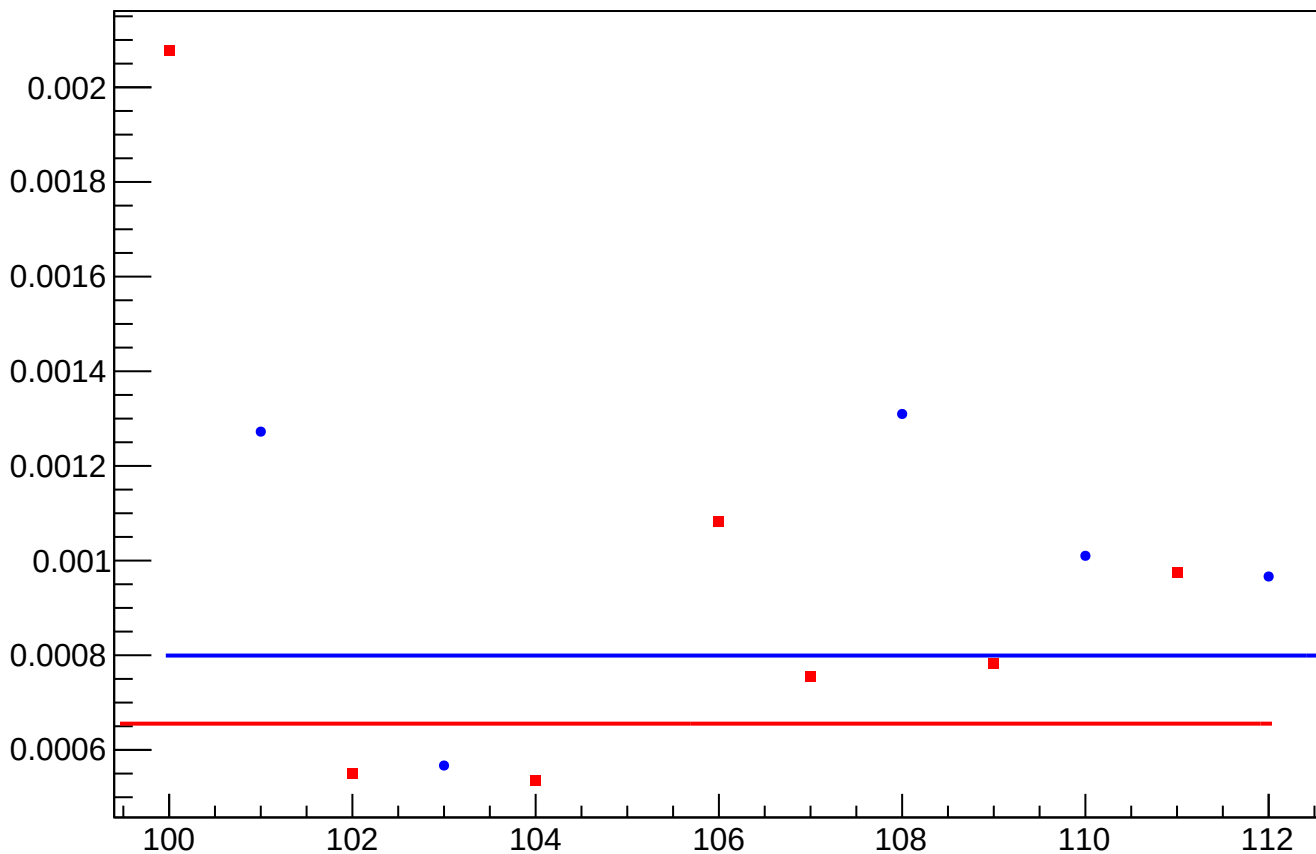
Right: -0.000+/-0.000 χ^2/NDF : 7.1/11

In: 0.000+/-0.000 χ^2/NDF : 4.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.1/11

asym_sam_1548_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 529967.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 398733.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

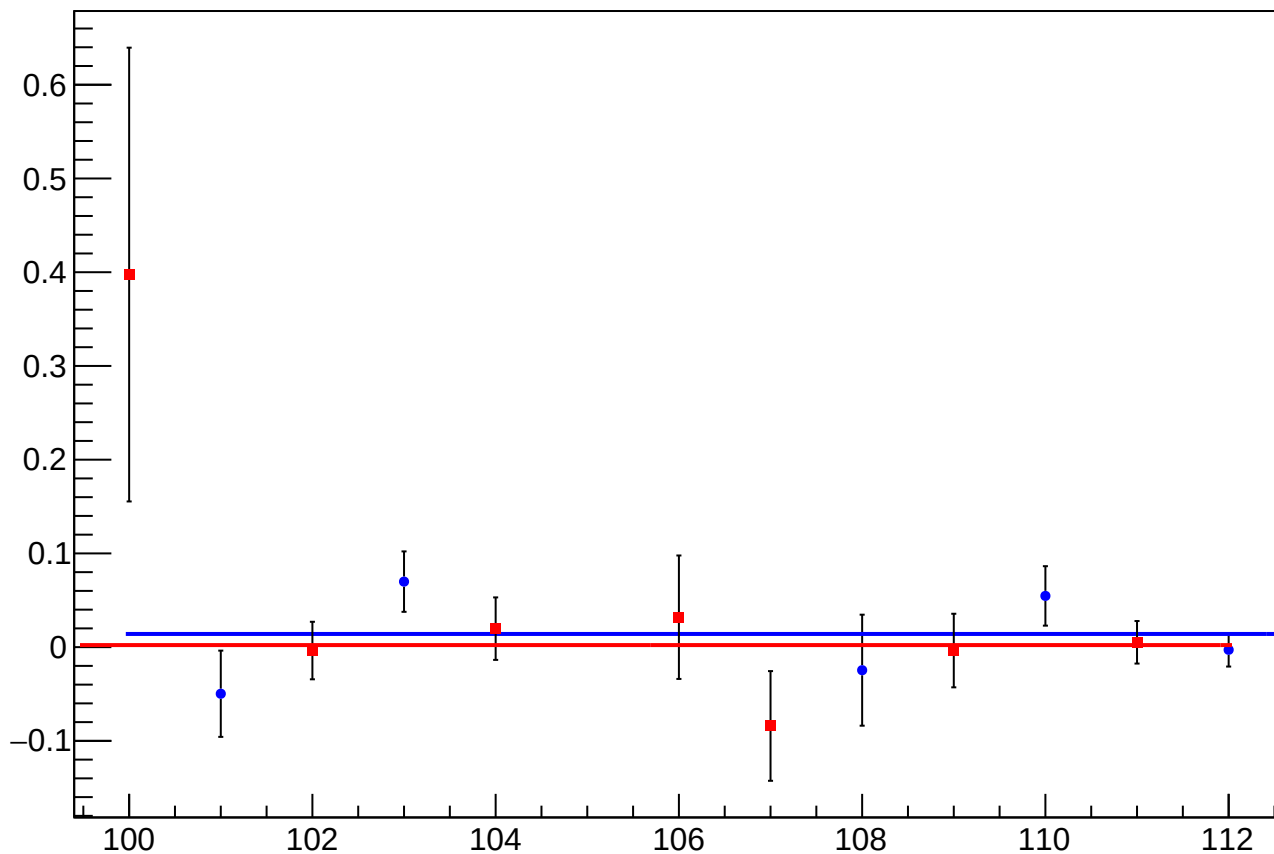
Right: 0.001+/-0.000 χ^2/NDF : 1017256.9/11

In: 0.001+/-0.000 χ^2/NDF : 529967.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1017256.9/11

asym_sam_1548_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.013 χ^2 /NDF: 7.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.002 $\pm$ 0.014 χ^2 /NDF: 5.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

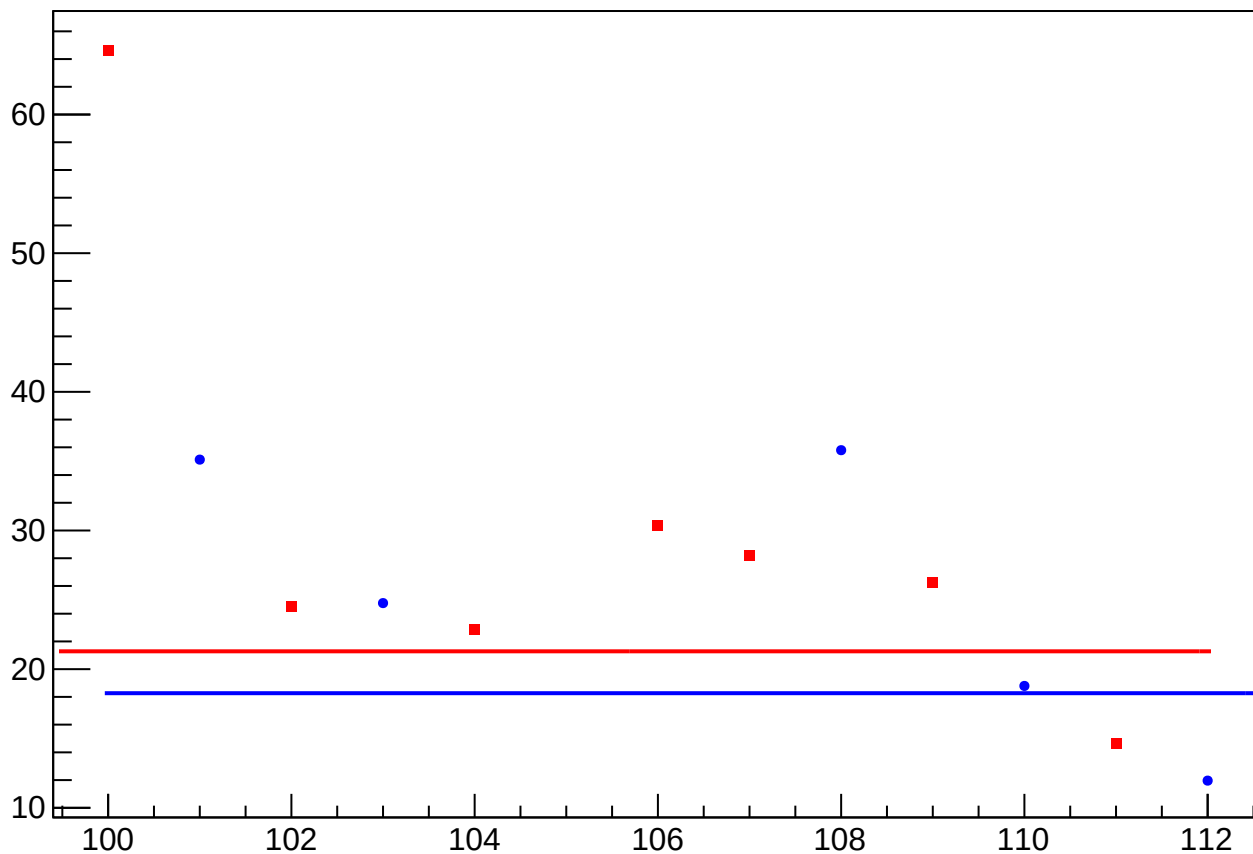
Right: 0.009 $\pm$ 0.010 χ^2 /NDF: 13.7/11

In: 0.014 $\pm$ 0.013 χ^2 /NDF: 7.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.010 χ^2 /NDF: 13.7/11

asym_sam_1548_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.267+/-0.009 χ^2/NDF : 773941.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.287+/-0.010 χ^2/NDF : 361539.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

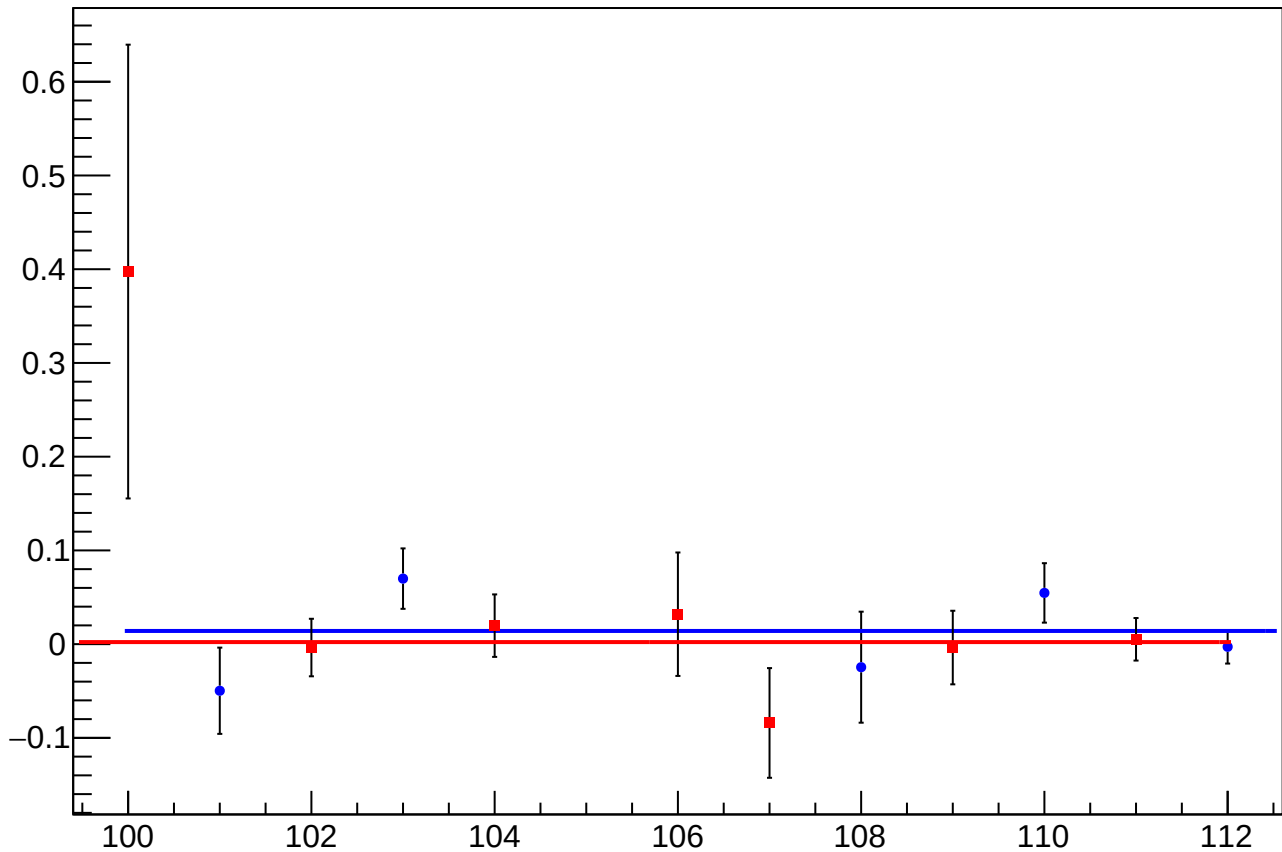
Right: 19.673+/-0.007 χ^2/NDF : 1185115.2/11

In: 18.267+/-0.009 χ^2/NDF : 773941.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.673+/-0.007 χ^2/NDF : 1185115.2/11

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.013 χ^2 /NDF: 7.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.014 χ^2 /NDF: 5.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

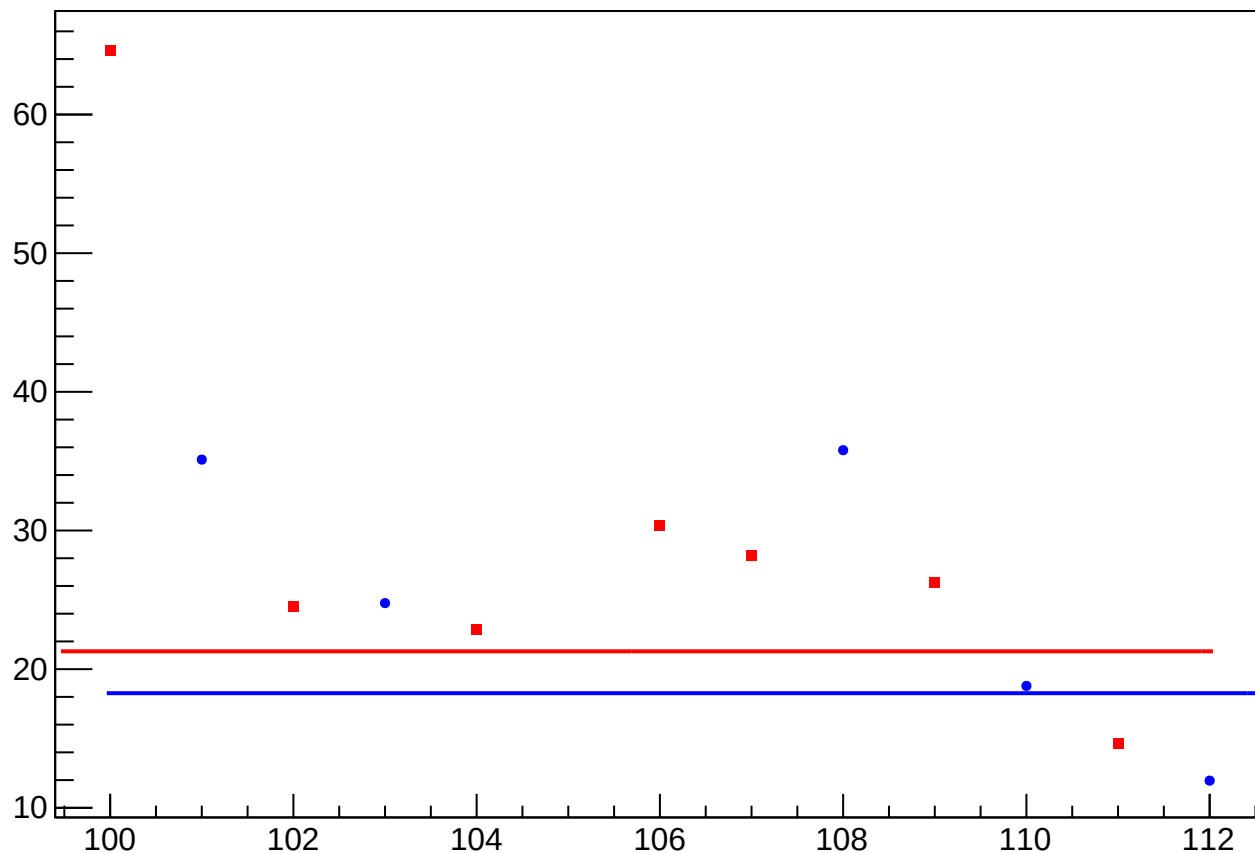
Right: 0.009 $\pm$ 0.010 χ^2 /NDF: 13.7/11

In: 0.014 $\pm$ 0.013 χ^2 /NDF:7.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.010 χ^2 /NDF: 13.7/11

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.267+/-0.009 χ^2/NDF : 773941.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.287+/-0.010 χ^2/NDF : 361539.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

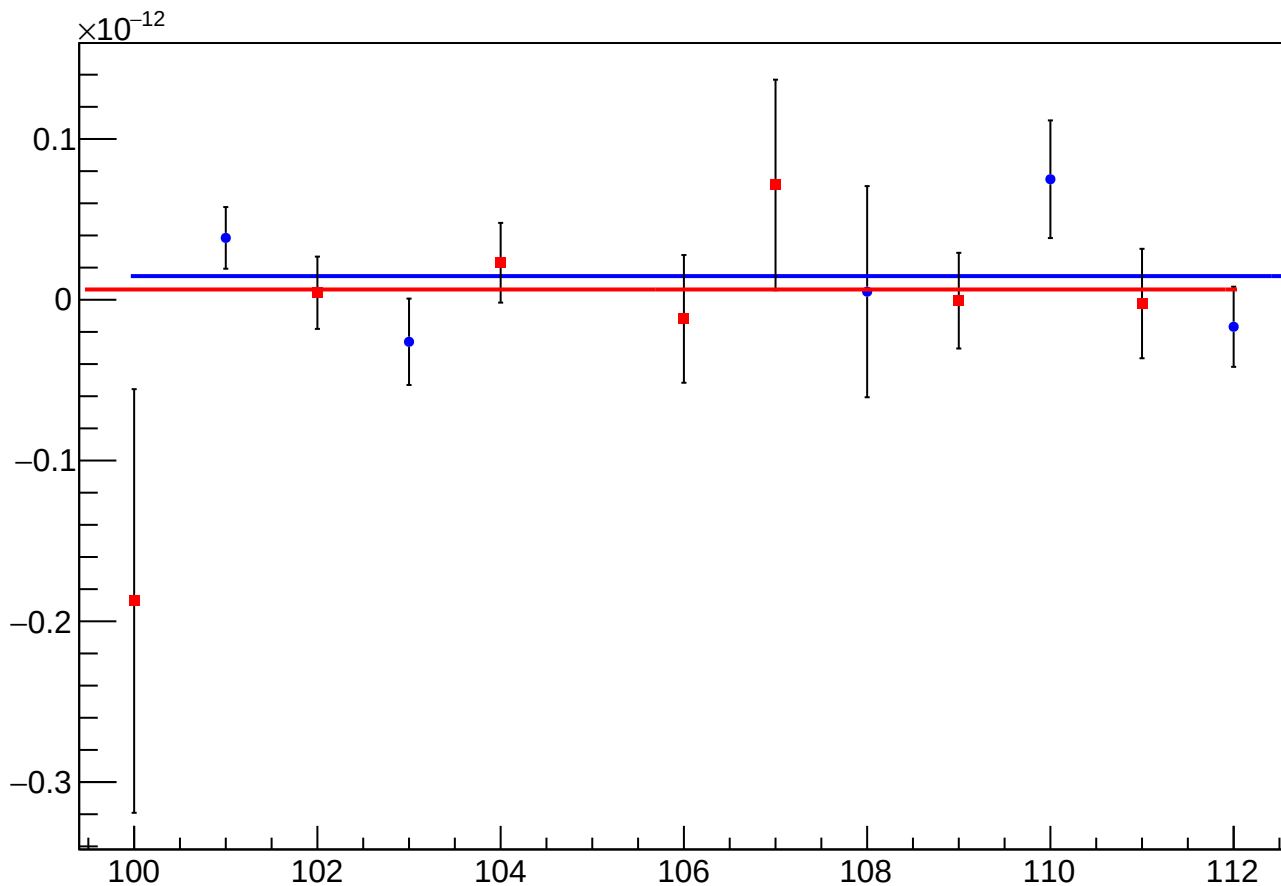
Right: 19.673+/-0.007 χ^2/NDF : 1185115.2/11

In: 18.267+/-0.009 χ^2/NDF : 773941.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.673+/-0.007 χ^2/NDF : 1185115.2/11

asym_sam_1548_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

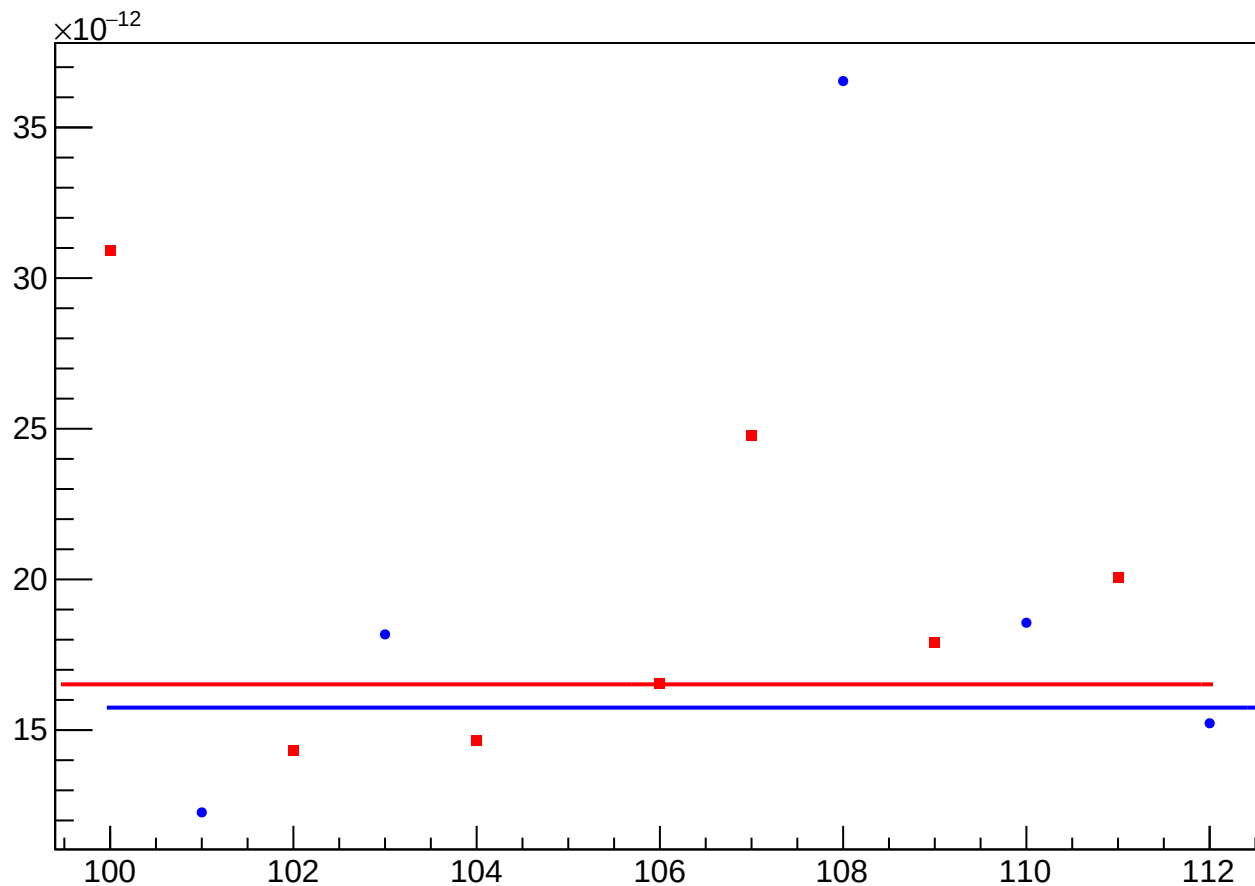
Right: 0.000+/-0.000 χ^2/NDF : 12.3/11

In: 0.000+/-0.000 χ^2/NDF : 8.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.3/11

asym_sam_1548_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 295399.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 112444.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

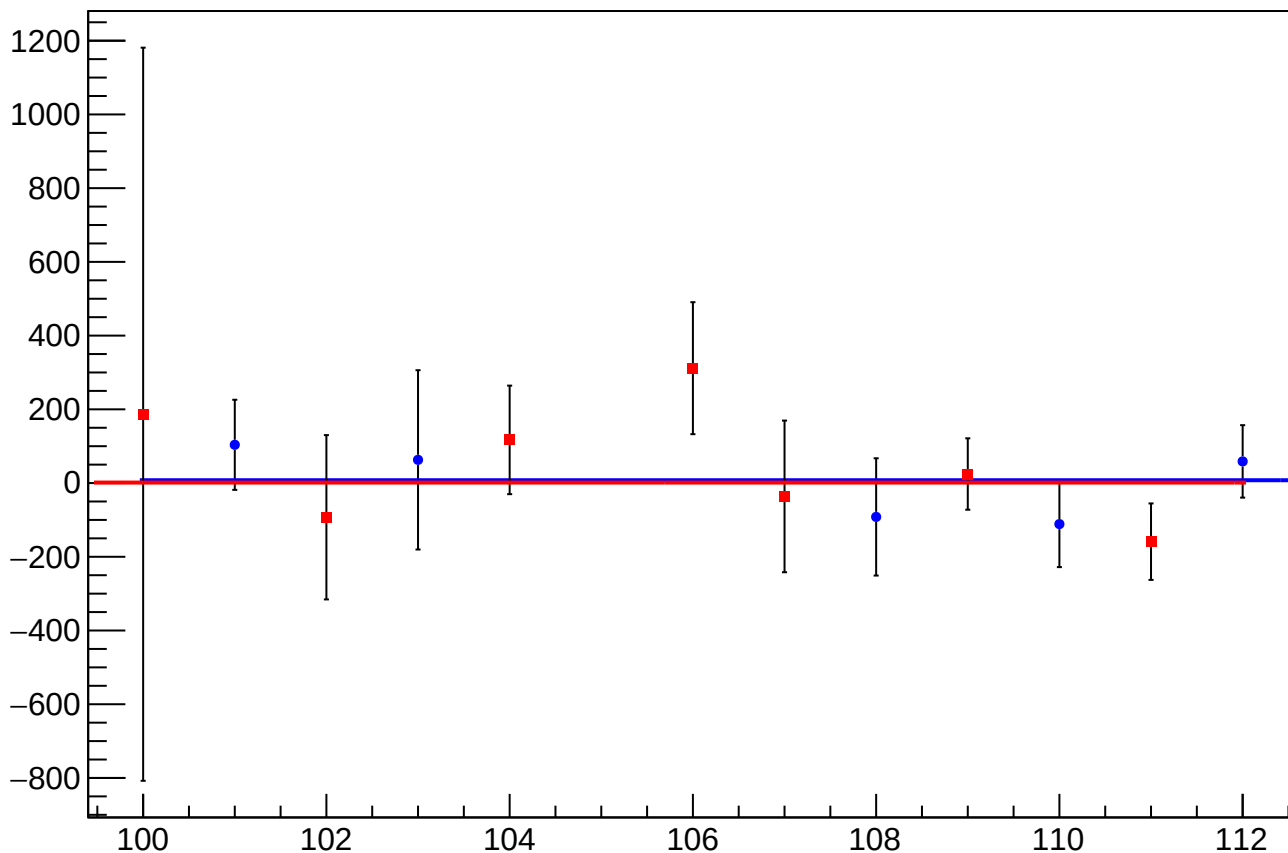
Right: 0.000+/-0.000 χ^2/NDF : 411782.9/11

In: 0.000+/-0.000 χ^2/NDF : 295399.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 411782.9/11

reg_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 7.672 $\pm$ 57.705 χ^2 /NDF: 2.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.344 $\pm$ 55.763 χ^2 /NDF: 6.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

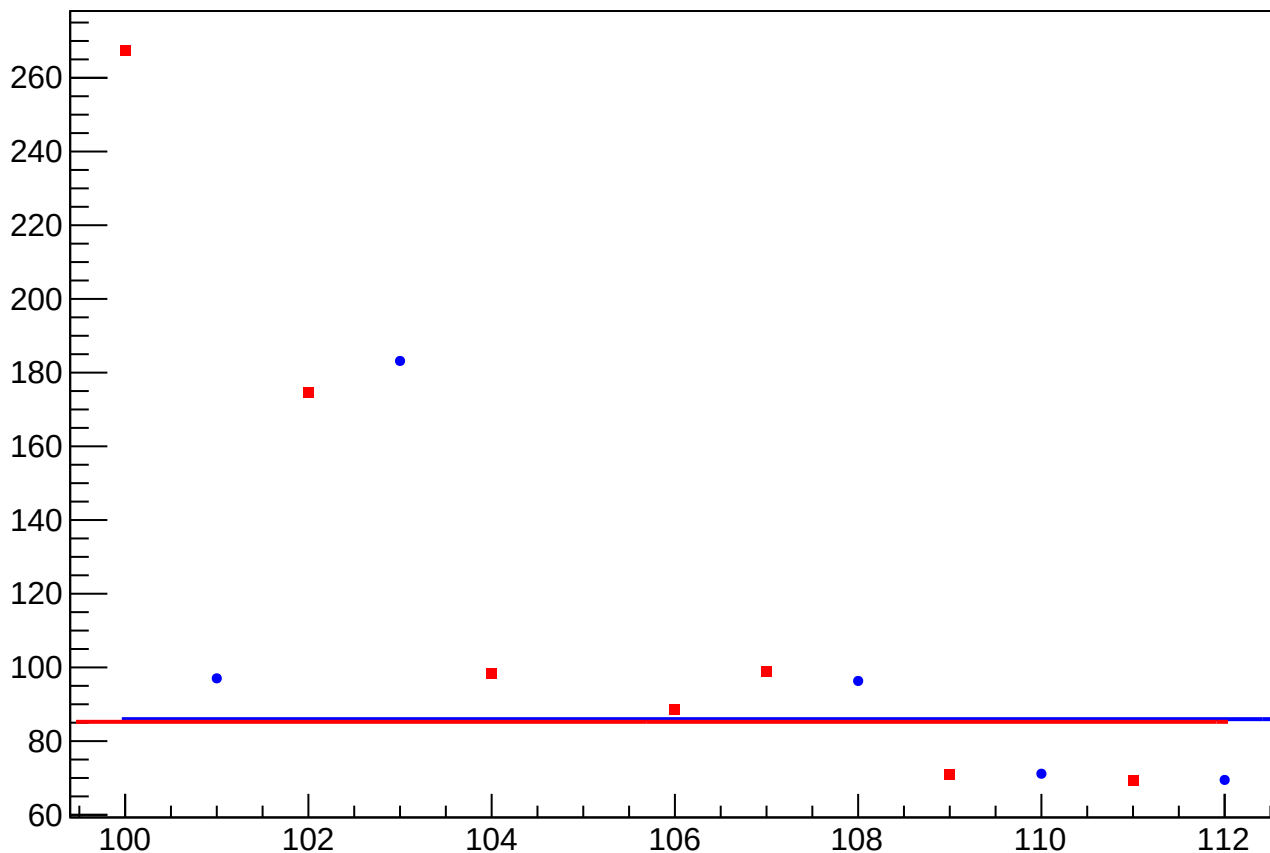
Right: 4.400 $\pm$ 40.099 χ^2 /NDF: 8.7/11

In: 7.672 $\pm$ 57.705 χ^2 /NDF: 2.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.400 $\pm$ 40.099 χ^2 /NDF: 8.7/11

reg_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 85.963 $\pm$ 0.041 χ^2 /NDF: 432904.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 85.241 $\pm$ 0.039 χ^2 /NDF: 505466.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

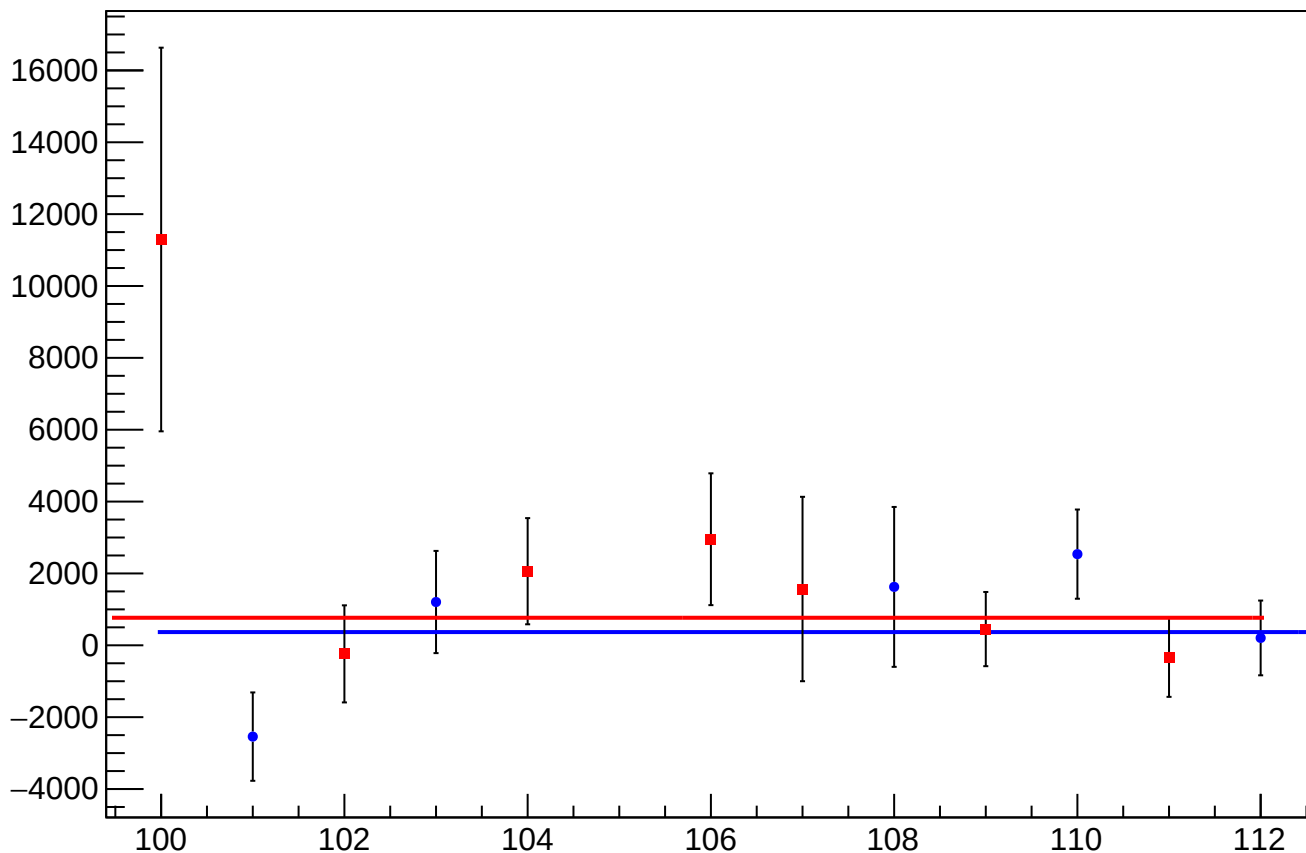
Right: 85.589 $\pm$ 0.028 χ^2 /NDF: 938533.0/11

In: 85.963 $\pm$ 0.041 χ^2 /NDF: 432904.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 85.589 $\pm$ 0.028 χ^2 /NDF: 938533.0/11

asym_sam_3748_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 368.148+/-584.136 χ^2/NDF : 9.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 766.679+/-555.521 χ^2/NDF : 7.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

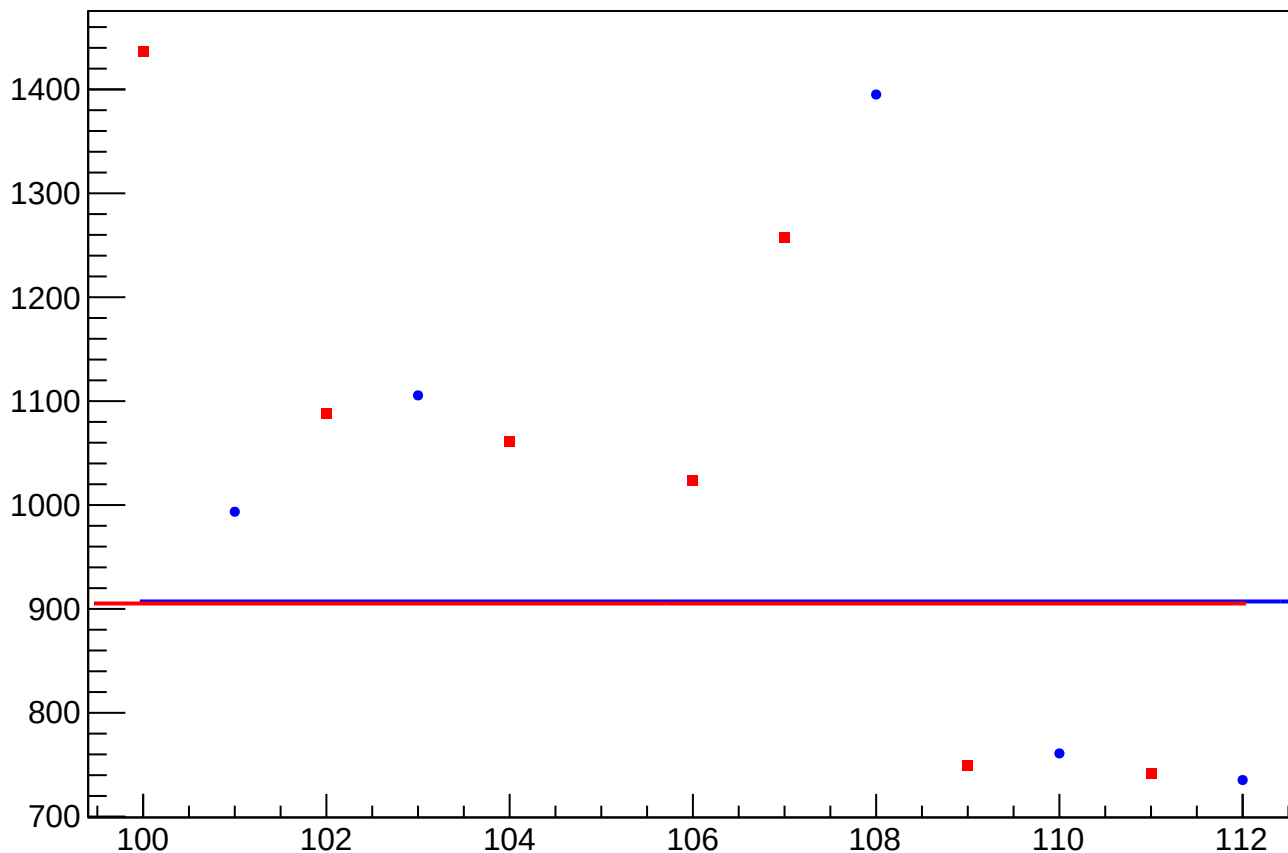
Right: 577.414+/-402.549 χ^2/NDF : 17.4/11

In: 368.148+/-584.136 χ^2/NDF : 9.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 577.414+/-402.549 χ^2/NDF : 17.4/11

asym_sam_3748_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 907.191+/-0.413 χ^2/NDF : 227280.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 905.245+/-0.393 χ^2/NDF : 213841.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

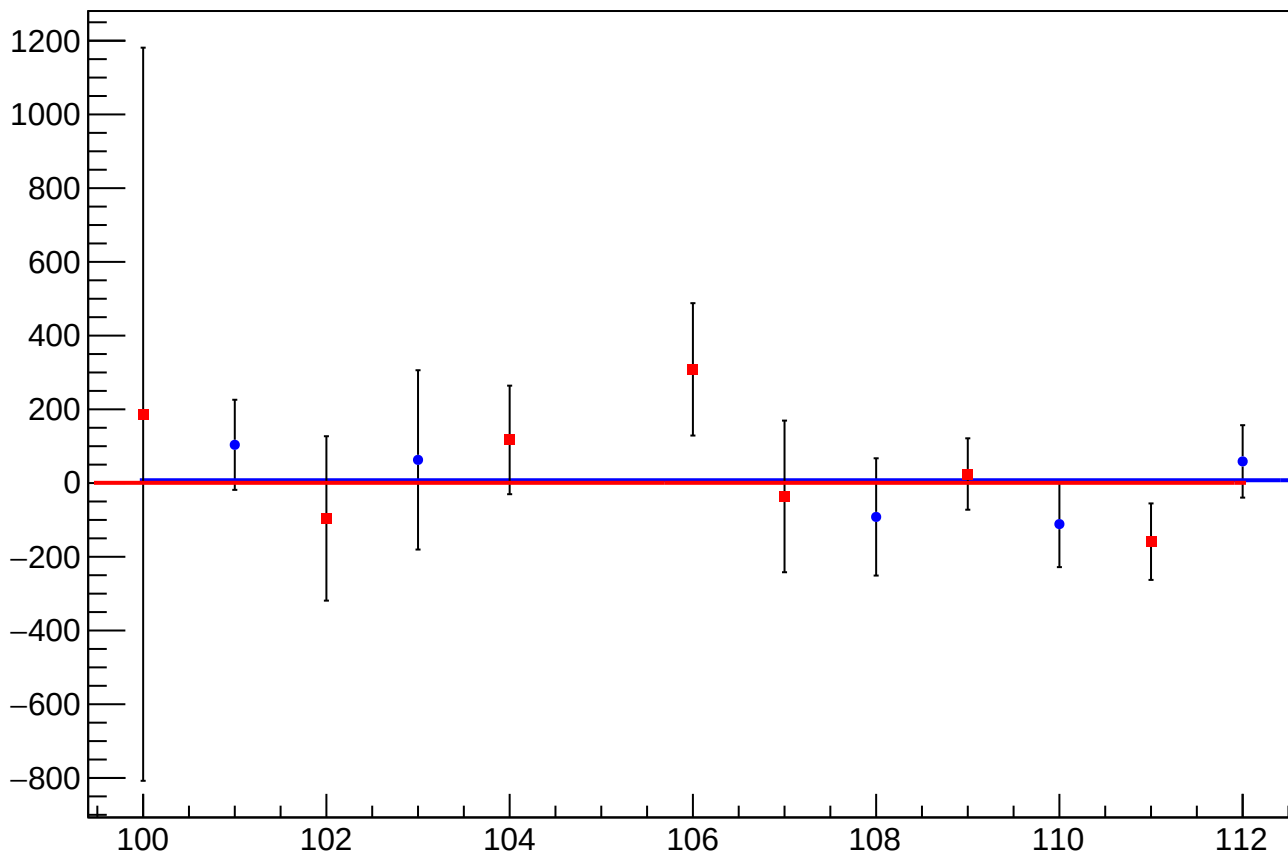
Right: 906.169+/-0.285 χ^2/NDF : 441133.1/11

In: 907.191+/-0.413 χ^2/NDF : 227280.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 906.169+/-0.285 χ^2/NDF : 441133.1/11

cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 7.651 $\pm$ 57.705 χ^2 /NDF: 2.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.662 $\pm$ 55.781 χ^2 /NDF: 6.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

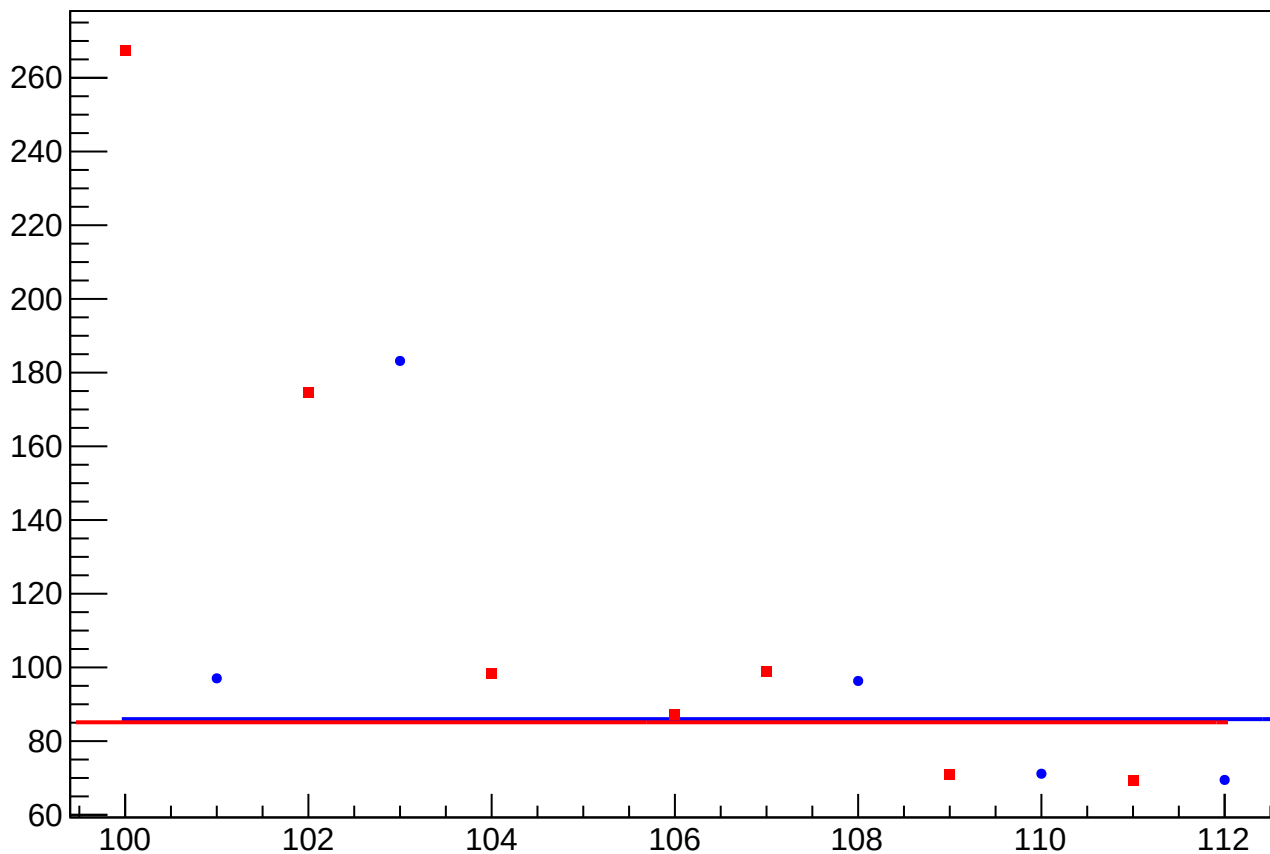
Right: 4.038 $\pm$ 40.106 χ^2 /NDF: 8.6/11

In: 7.651 $\pm$ 57.705 χ^2 /NDF: 2.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.038 $\pm$ 40.106 χ^2 /NDF: 8.6/11

cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 85.963+/-0.041 χ^2/NDF : 432907.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.112+/-0.039 χ^2/NDF : 505248.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

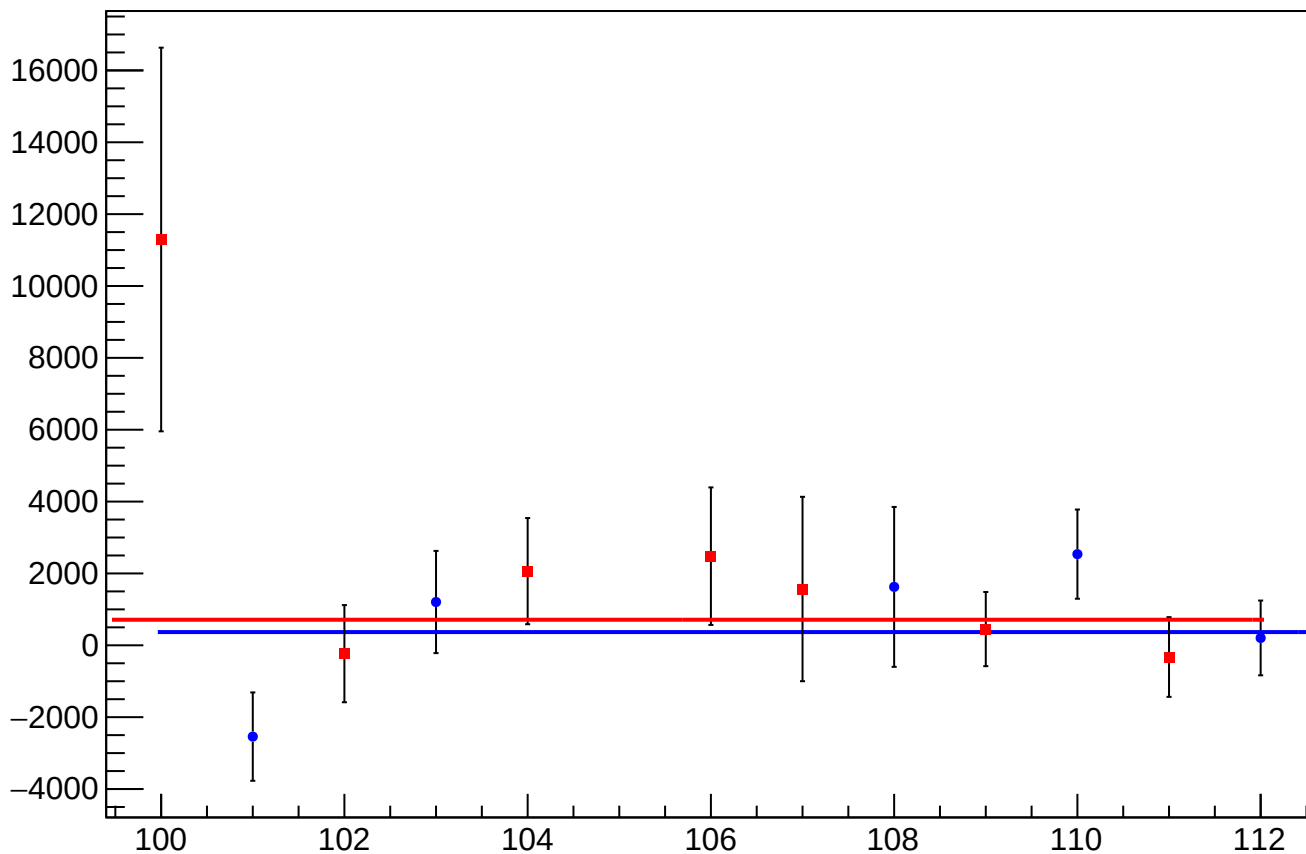
Right: 85.523+/-0.028 χ^2/NDF : 938381.1/11

In: 85.963+/-0.041 χ^2/NDF : 432907.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.523+/-0.028 χ^2/NDF : 938381.1/11

asym_sam_3748_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 368.122+/-584.146 χ^2/NDF : 9.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 711.544+/-557.680 χ^2/NDF : 7.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

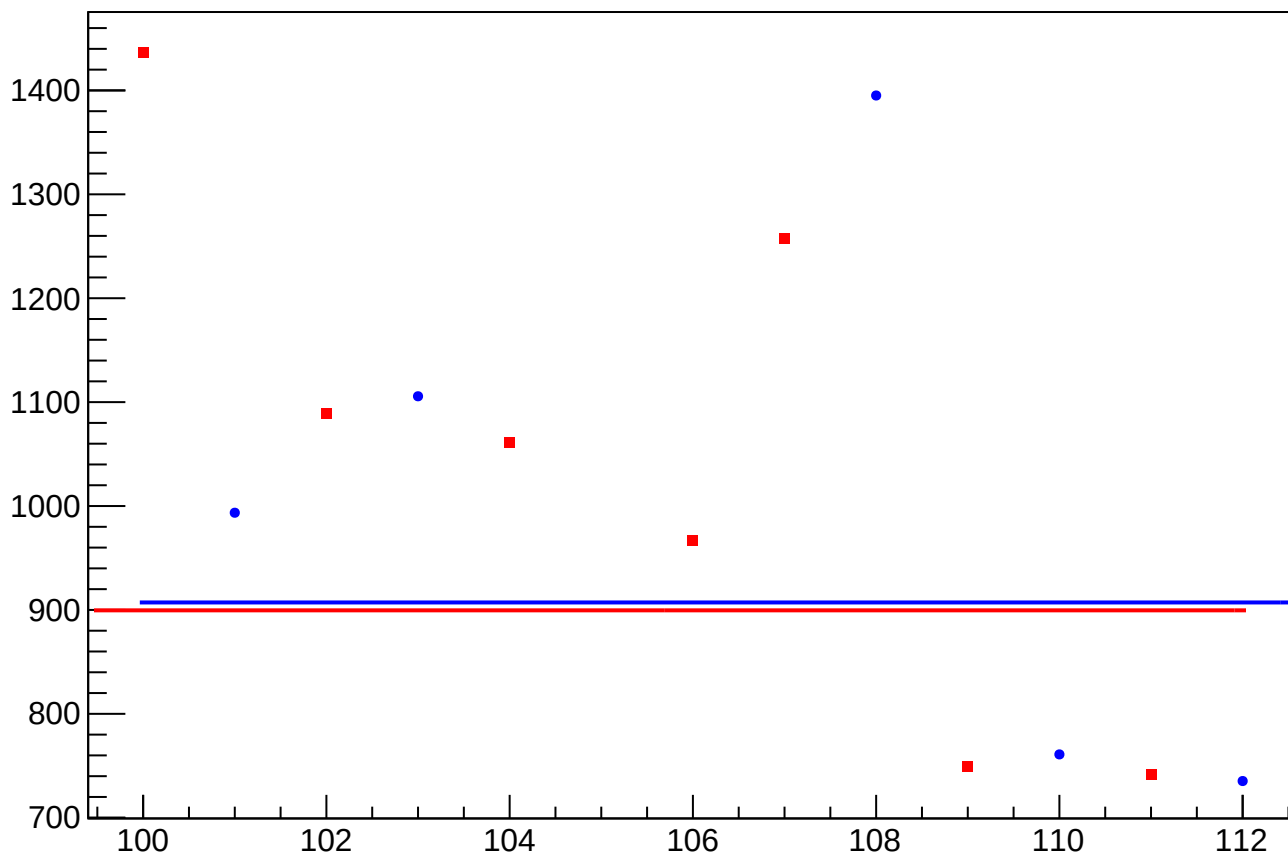
Right: 547.789+/-403.371 χ^2/NDF : 16.7/11

In: 368.122+/-584.146 χ^2/NDF : 9.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 547.789+/-403.371 χ^2/NDF : 16.7/11

asym_sam_3748_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 907.203+/-0.413 χ^2/NDF : 227315.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 899.607+/-0.394 χ^2/NDF : 207609.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

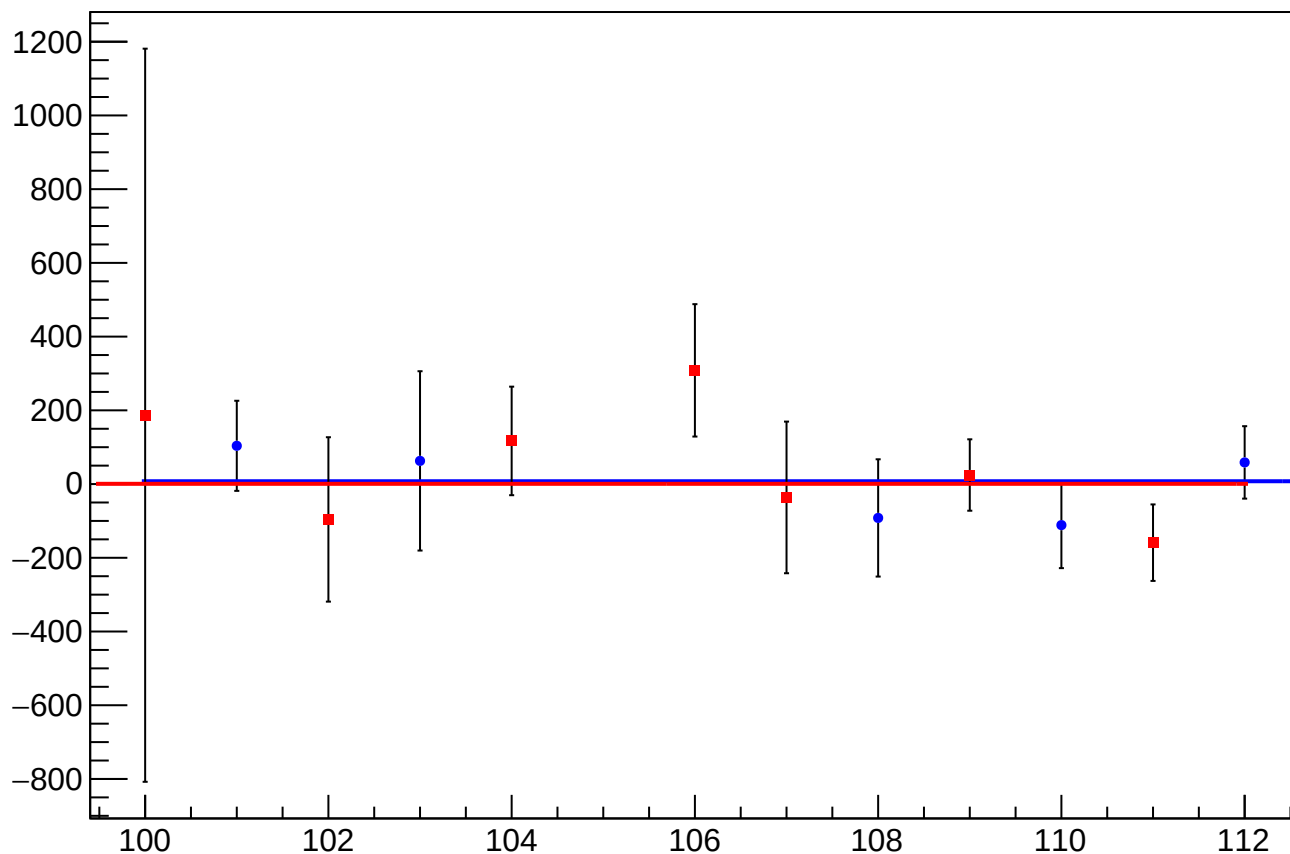
Right: 903.229+/-0.285 χ^2/NDF : 435102.2/11

In: 907.203+/-0.413 χ^2/NDF : 227315.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 903.229+/-0.285 χ^2/NDF : 435102.2/11

eigen_cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 7.651+/-57.705 χ^2/NDF : 2.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.662+/-55.781 χ^2/NDF : 6.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

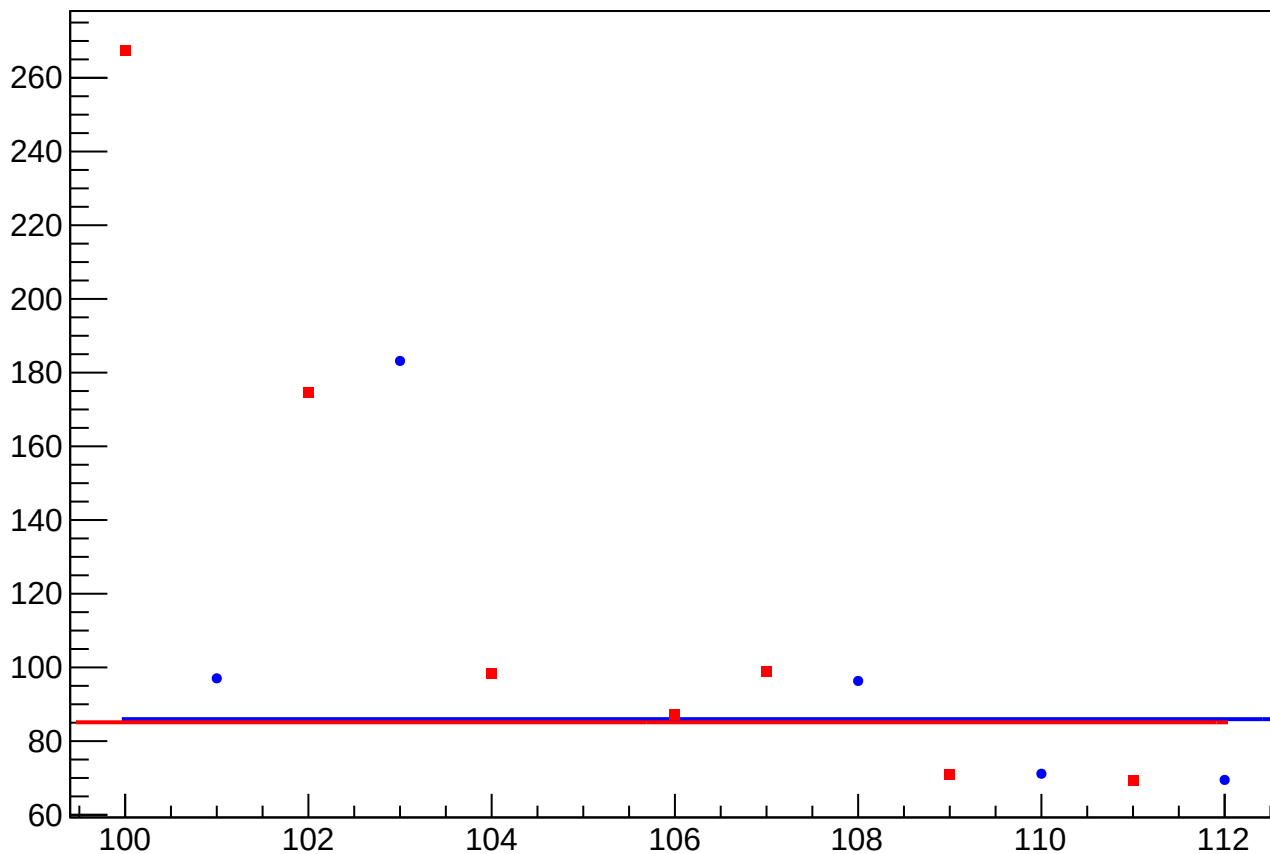
Right: 4.038+/-40.106 χ^2/NDF : 8.6/11

In: 7.651+/-57.705 χ^2/NDF : 2.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.038+/-40.106 χ^2/NDF : 8.6/11

eigen_cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 85.963+/-0.041 χ^2/NDF : 432907.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.112+/-0.039 χ^2/NDF : 505248.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

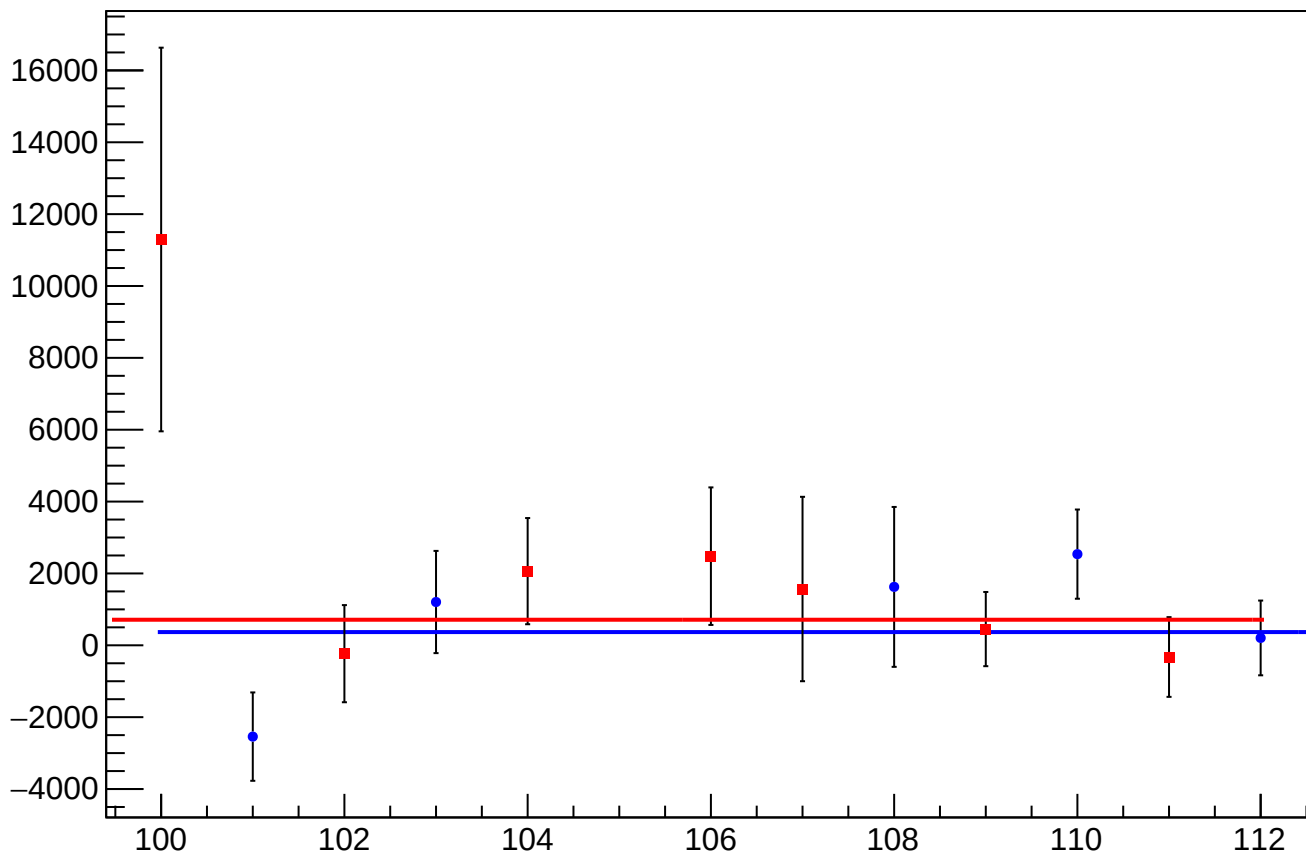
Right: 85.523+/-0.028 χ^2/NDF : 938381.1/11

In: 85.963+/-0.041 χ^2/NDF : 432907.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.523+/-0.028 χ^2/NDF : 938381.1/11

asym_sam_3748_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 368.122+/-584.146 χ^2/NDF : 9.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 711.544+/-557.680 χ^2/NDF : 7.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

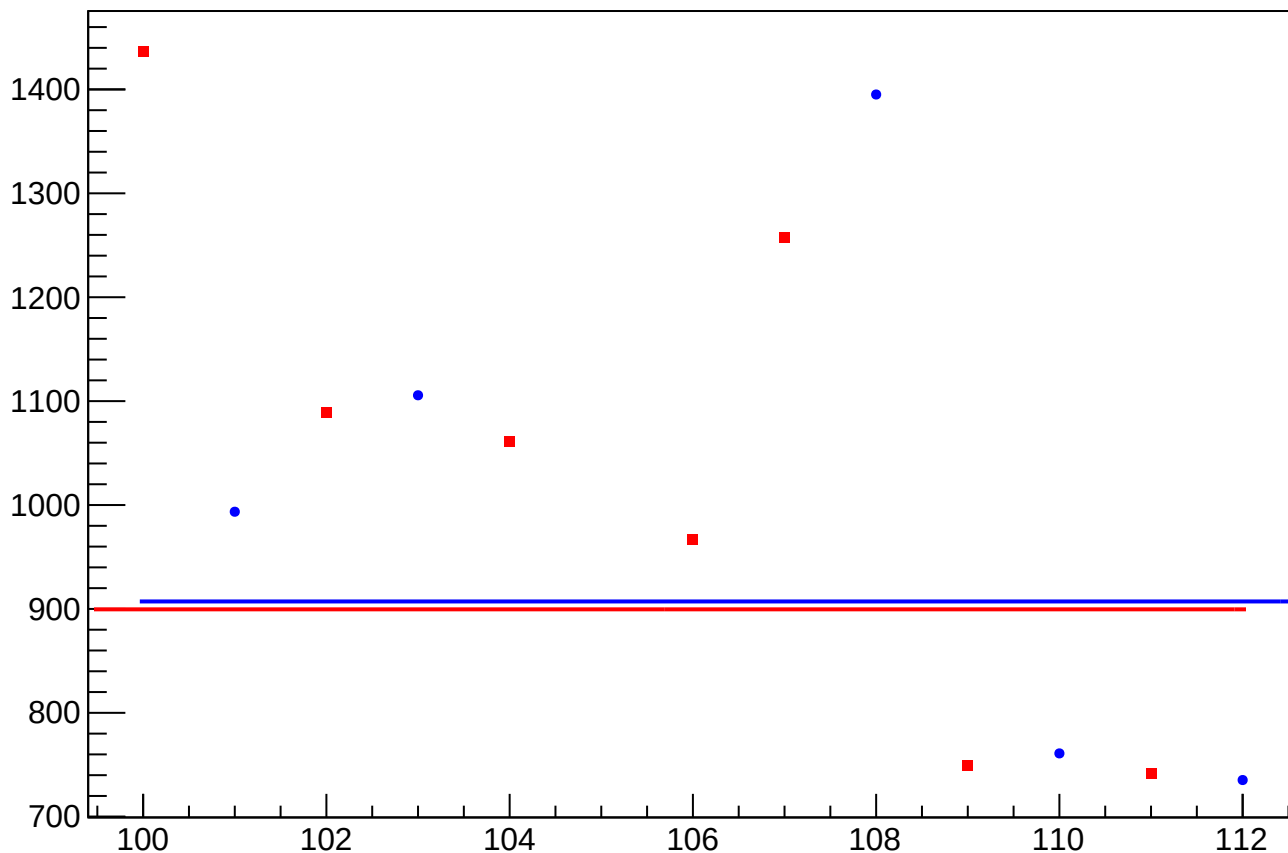
Right: 547.789+/-403.371 χ^2/NDF : 16.7/11

In: 368.122+/-584.146 χ^2/NDF : 9.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 547.789+/-403.371 χ^2/NDF : 16.7/11

asym_sam_3748_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 907.203+/-0.413 χ^2/NDF : 227315.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 899.607+/-0.394 χ^2/NDF : 207609.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

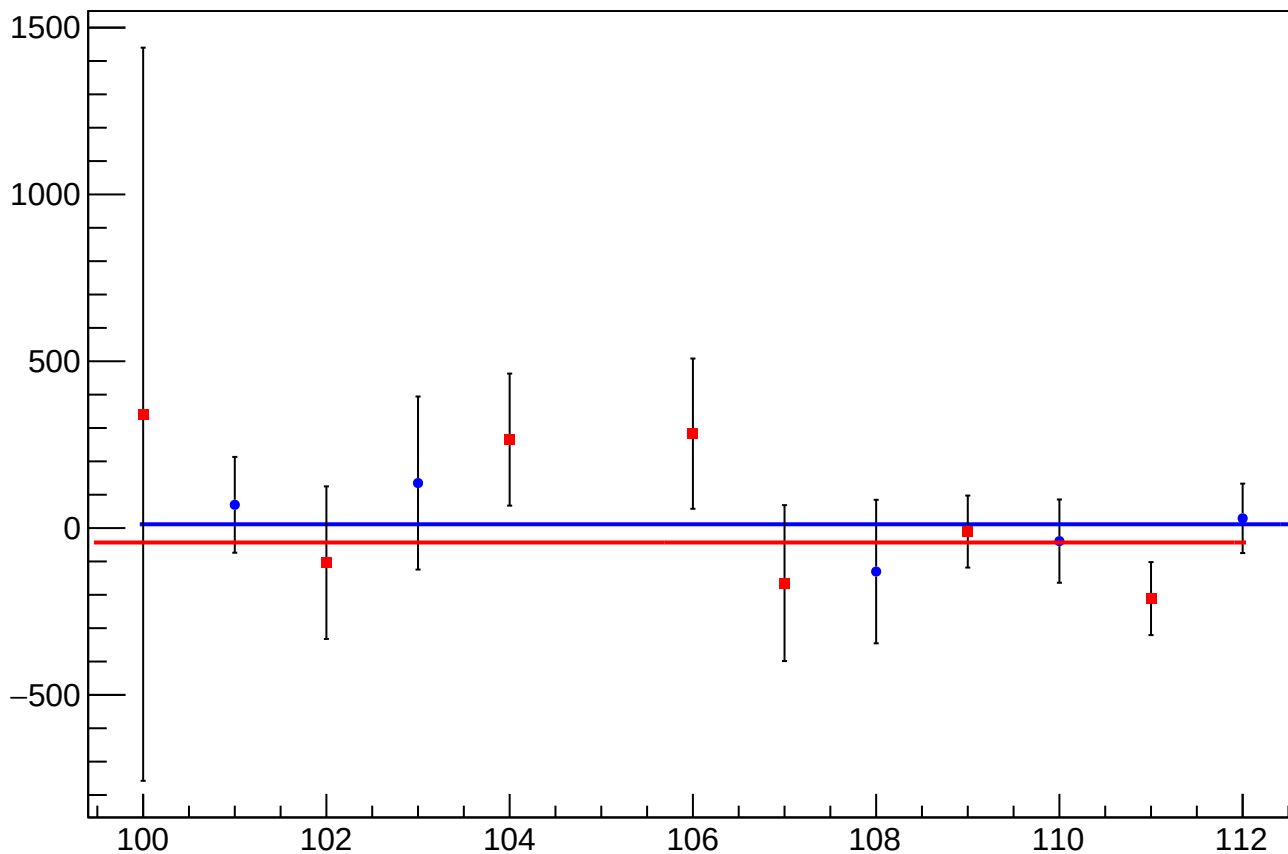
Right: 903.229+/-0.285 χ^2/NDF : 435102.2/11

In: 907.203+/-0.413 χ^2/NDF : 227315.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 903.229+/-0.285 χ^2/NDF : 435102.2/11

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 11.405+/-64.340 χ^2/NDF : 1.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -43.176+/-62.869 χ^2/NDF : 7.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

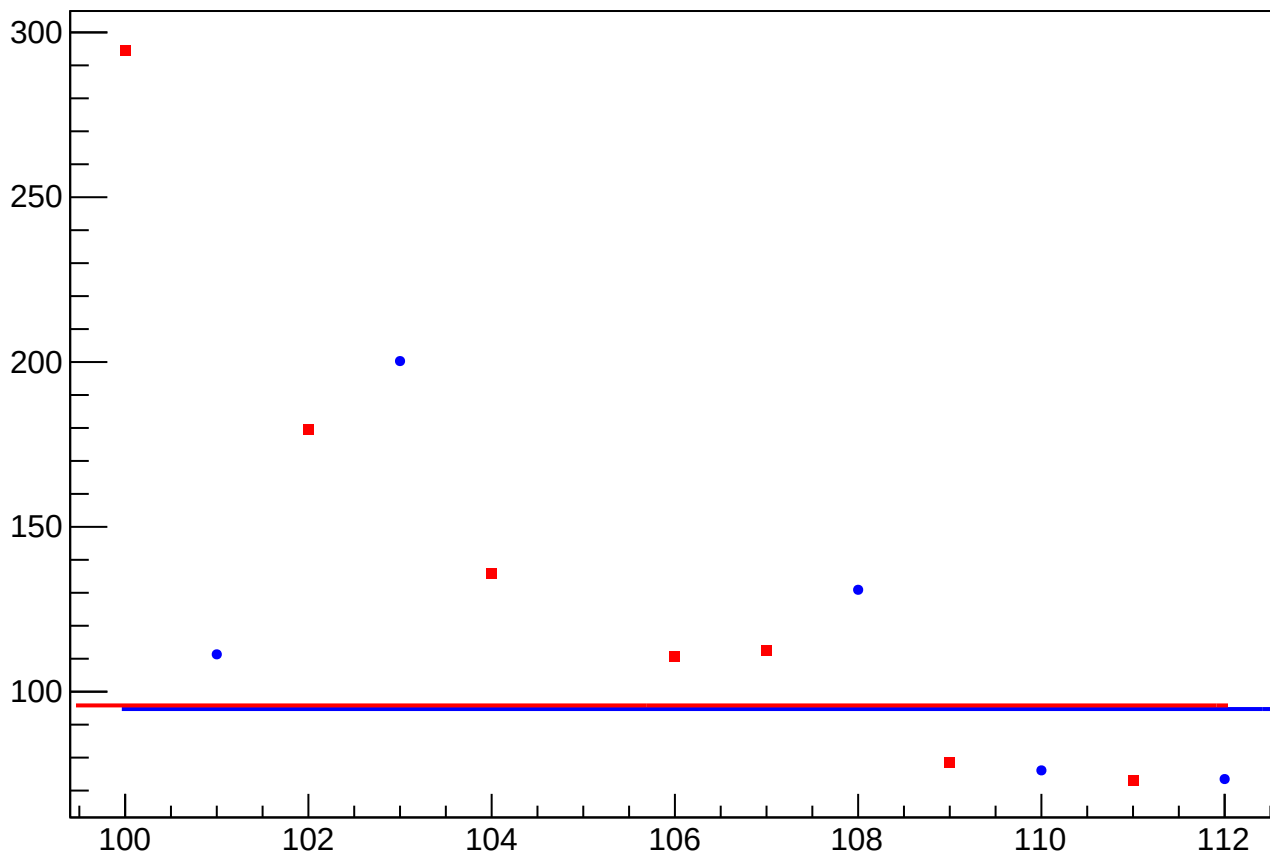
Right: -16.516+/-44.966 χ^2/NDF : 8.8/11

In: 11.405+/-64.340 χ^2/NDF : 1.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.516+/-44.966 χ^2/NDF : 8.8/11

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 94.733+/-0.045 χ^2/NDF : 542459.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.831+/-0.044 χ^2/NDF : 573238.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

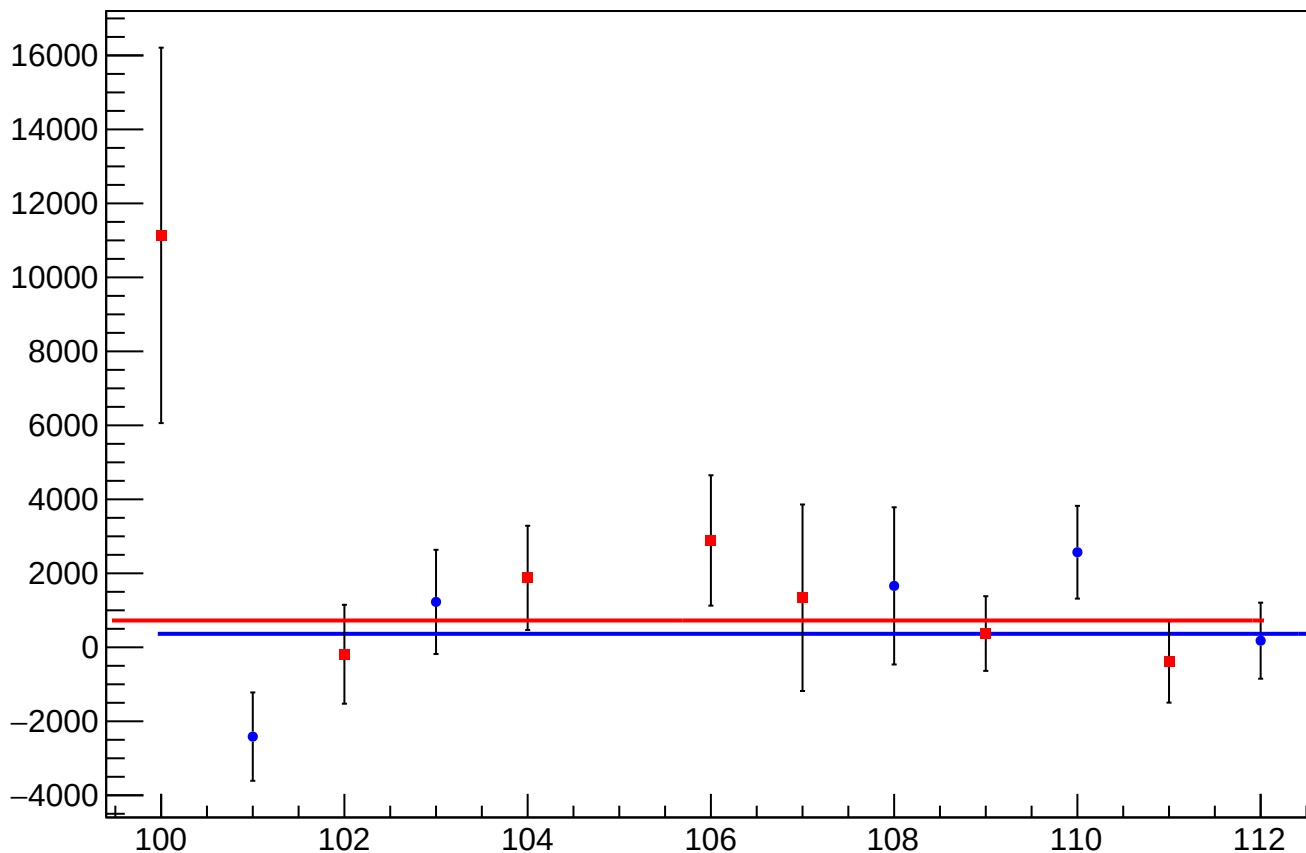
Right: 95.295+/-0.032 χ^2/NDF : 1115995.8/11

In: 94.733+/-0.045 χ^2/NDF : 542459.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.295+/-0.032 χ^2/NDF : 1115995.8/11

asym_sam_3748_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 364.747+/-576.492 χ^2/NDF : 9.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 724.647+/-543.328 χ^2/NDF : 8.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

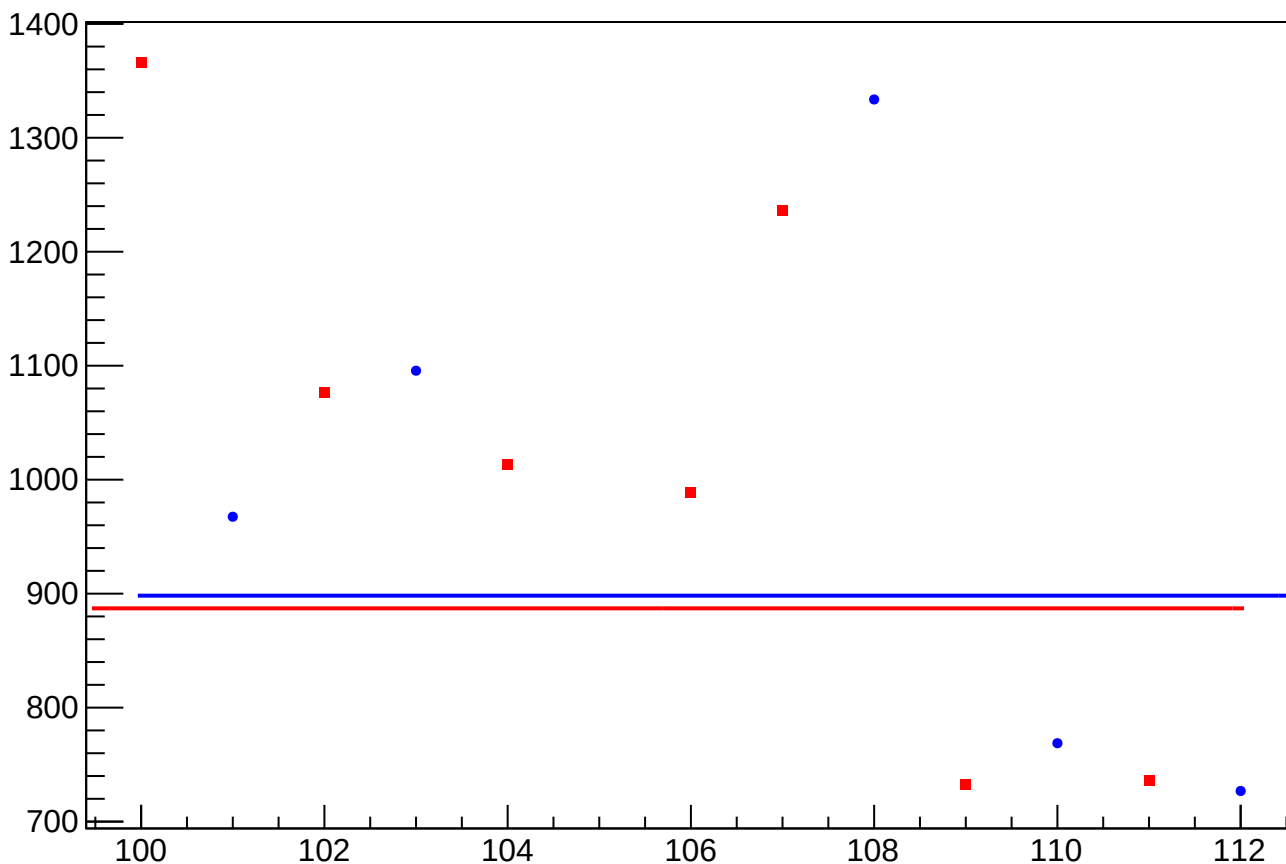
Right: 555.346+/-395.396 χ^2/NDF : 17.6/11

In: 364.747+/-576.492 χ^2/NDF : 9.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 555.346+/-395.396 χ^2/NDF : 17.6/11

asym_sam_3748_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 898.236+/-0.408 χ^2/NDF : 206850.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 887.103+/-0.384 χ^2/NDF : 203250.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

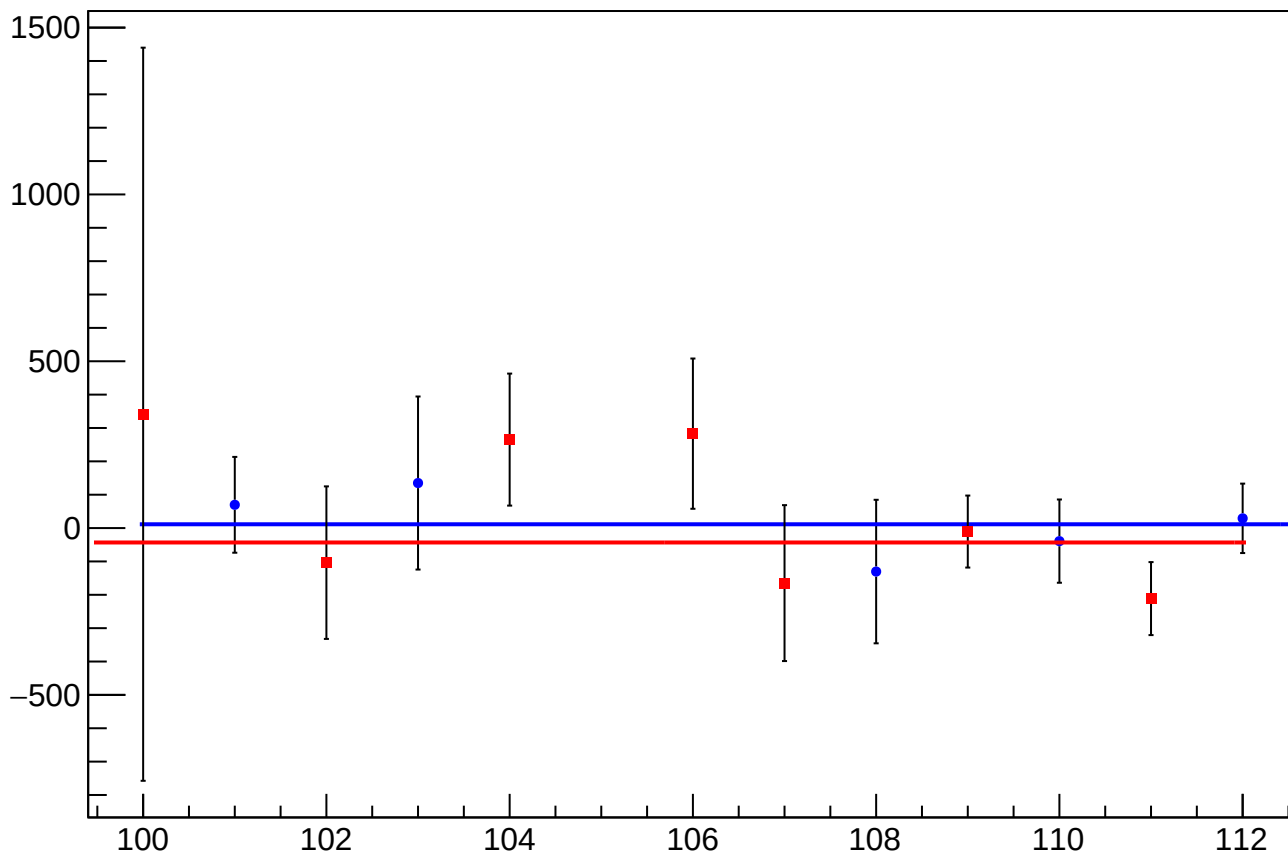
Right: 892.340+/-0.280 χ^2/NDF : 410495.7/11

In: 898.236+/-0.408 χ^2/NDF : 206850.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 892.340+/-0.280 χ^2/NDF : 410495.7/11

eigen_dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 11.404+/-64.340 χ^2/NDF : 1.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -43.178+/-62.870 χ^2/NDF : 7.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

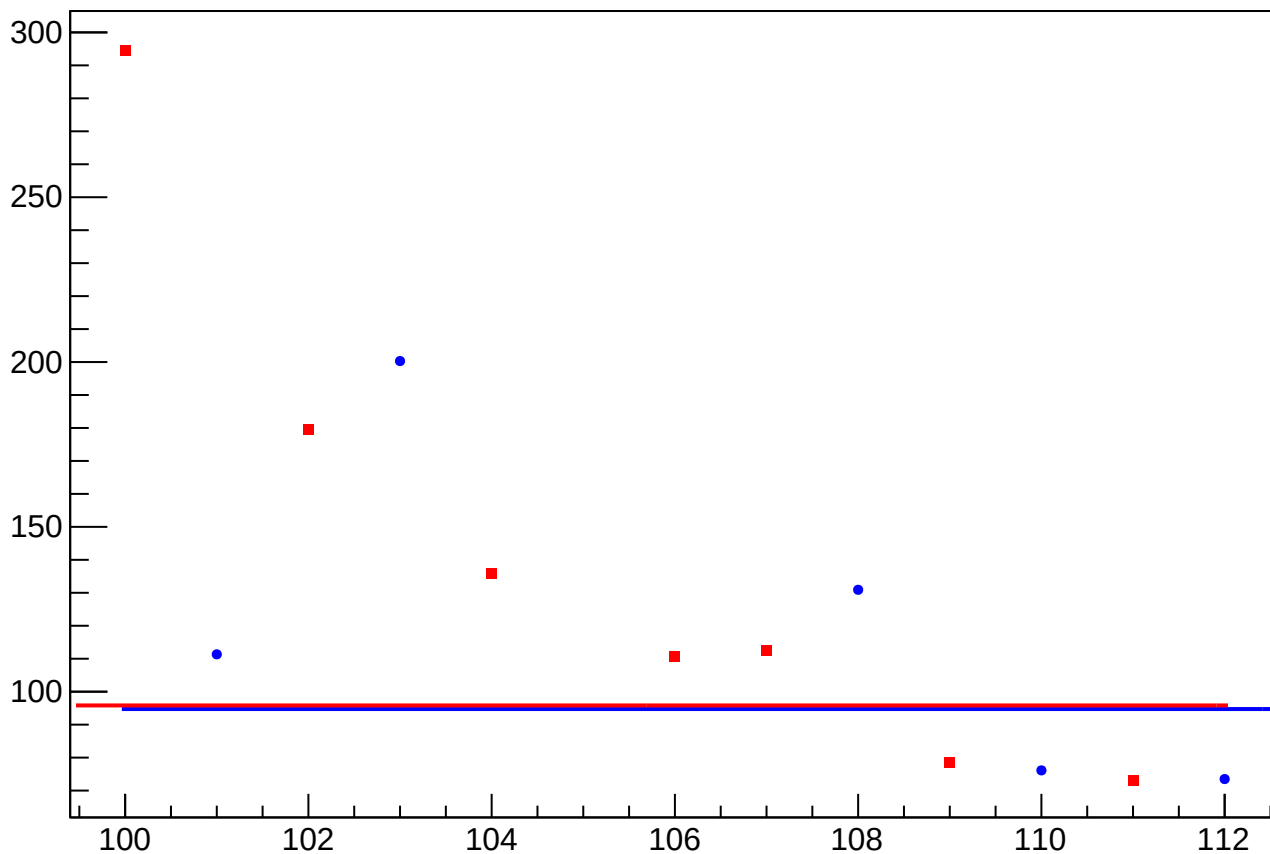
Right: -16.517+/-44.966 χ^2/NDF : 8.8/11

In: 11.404+/-64.340 χ^2/NDF : 1.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.517+/-44.966 χ^2/NDF : 8.8/11

eigen_dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 94.733+/-0.045 χ^2/NDF : 542461.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.831+/-0.044 χ^2/NDF : 573239.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

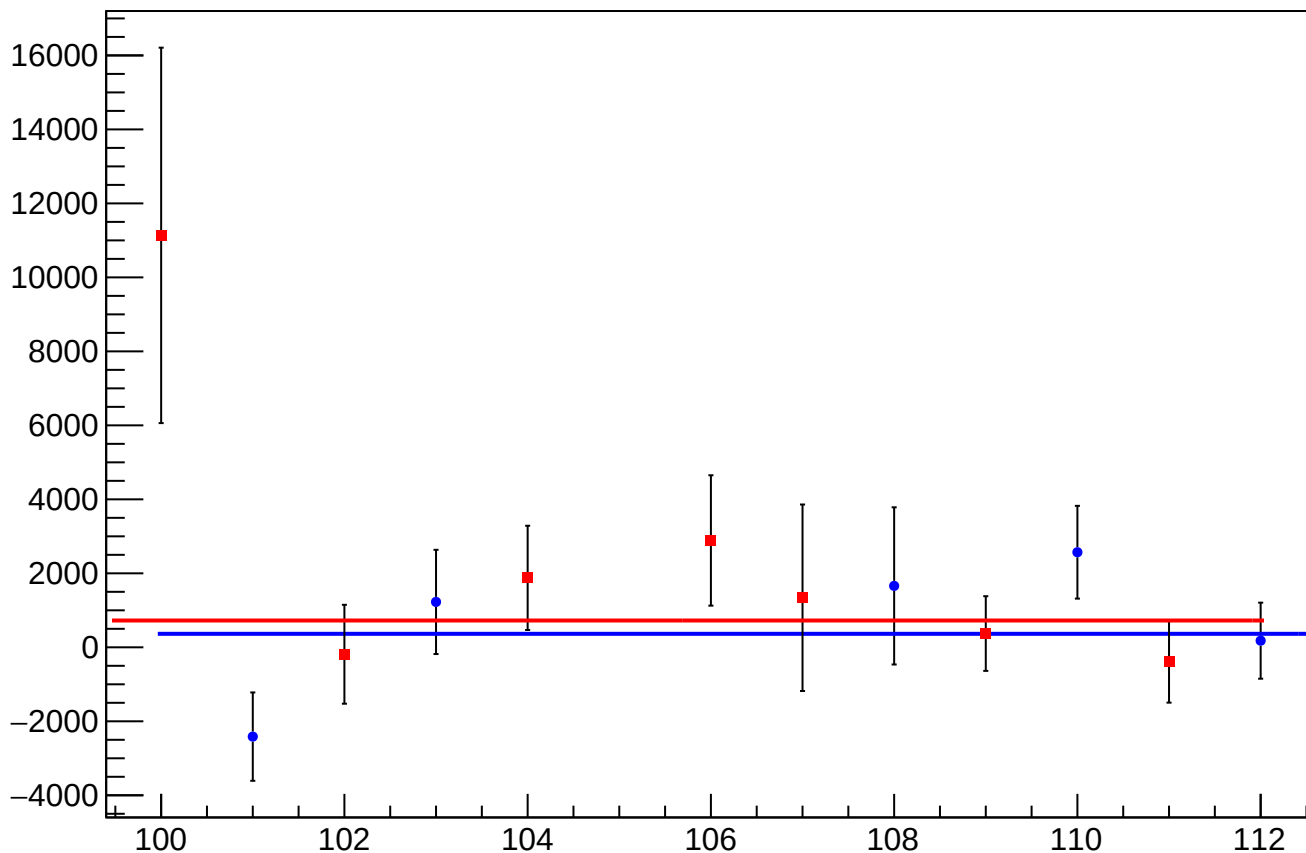
Right: 95.295+/-0.032 χ^2/NDF : 1115998.8/11

In: 94.733+/-0.045 χ^2/NDF : 542461.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.295+/-0.032 χ^2/NDF : 1115998.8/11

asym_sam_3748_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 364.746+/-576.491 χ^2/NDF : 9.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 724.645+/-543.327 χ^2/NDF : 8.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

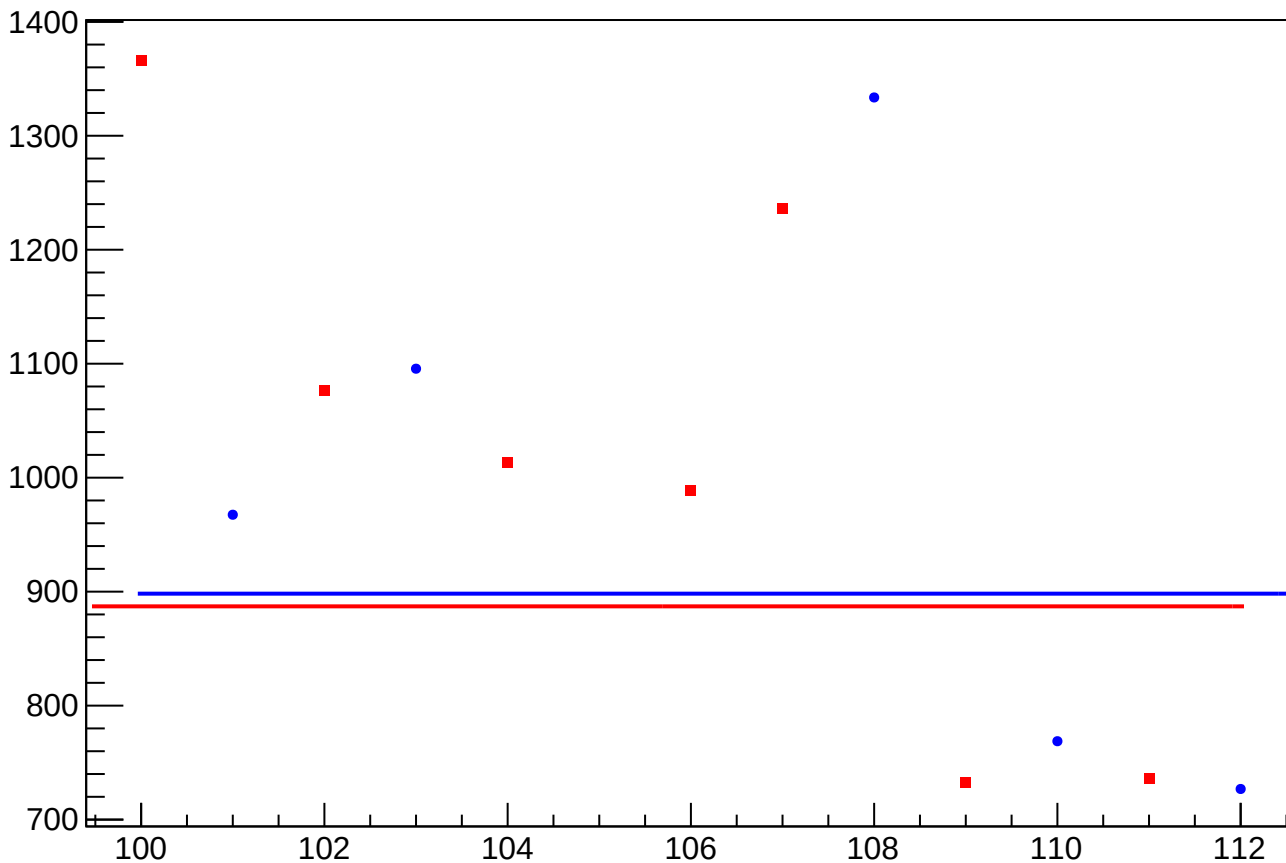
Right: 555.345+/-395.395 χ^2/NDF : 17.6/11

In: 364.746+/-576.491 χ^2/NDF : 9.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 555.345+/-395.395 χ^2/NDF : 17.6/11

asym_sam_3748_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 898.234+/-0.408 χ^2/NDF : 206850.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 887.101+/-0.384 χ^2/NDF : 203250.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

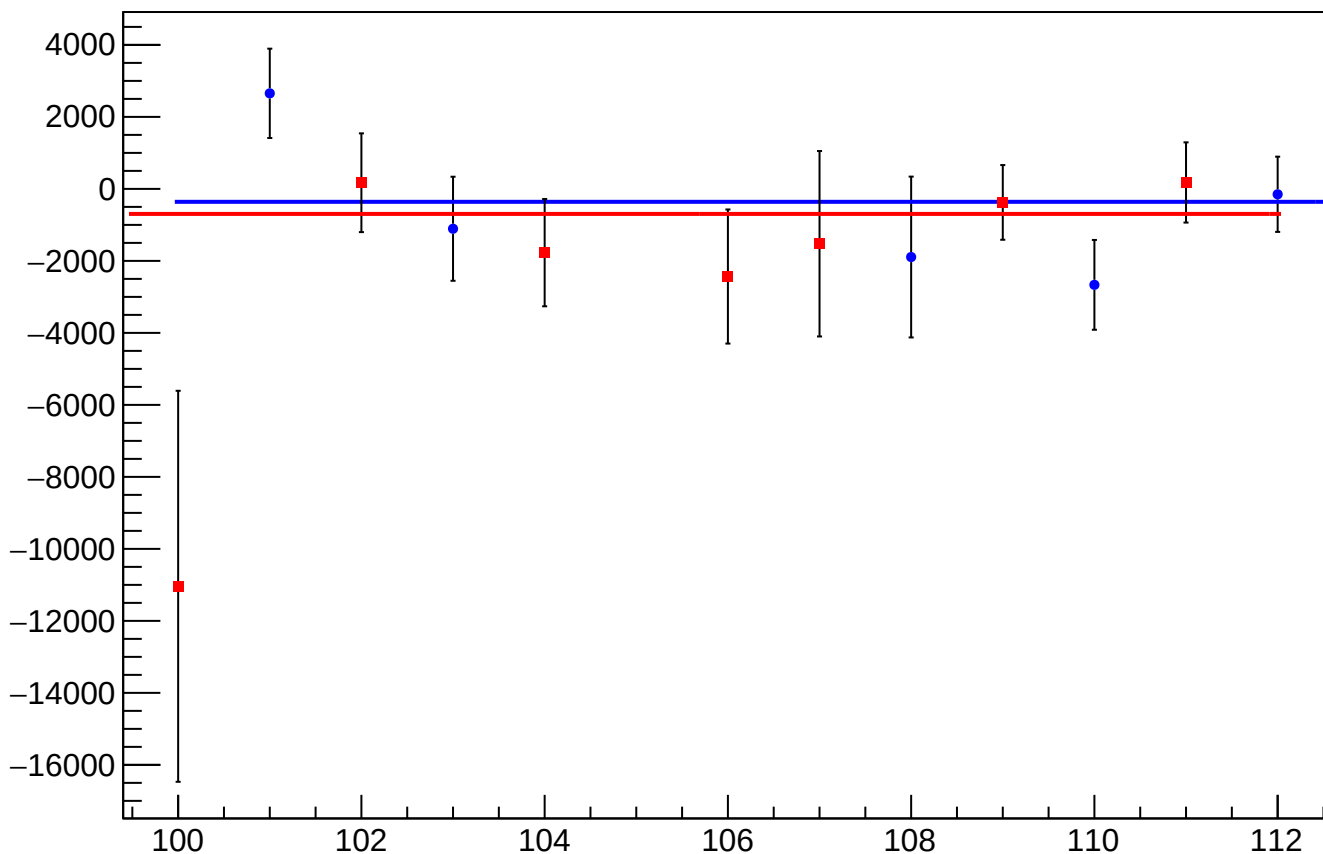
Right: 892.338+/-0.280 χ^2/NDF : 410496.2/11

In: 898.234+/-0.408 χ^2/NDF : 206850.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 892.338+/-0.280 χ^2/NDF : 410496.2/11

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -358.977+/-588.496 χ^2 /NDF: 10.1/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -695.169+/-559.973 χ^2 /NDF: 6.2/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

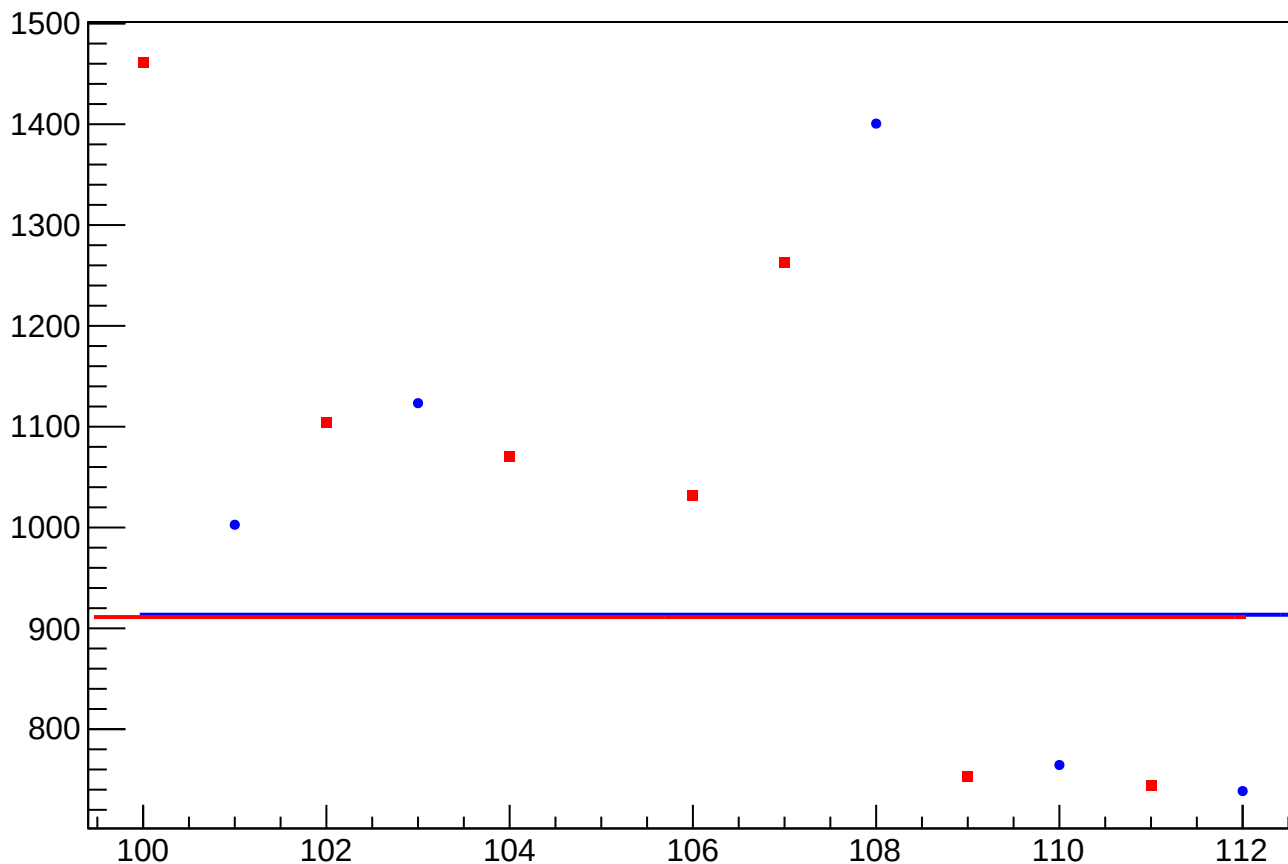
Right: -535.417+/-405.670 χ^2 /NDF: 16.5/11

In: -358.977+/-588.496 χ^2 /NDF:10.1/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -535.417+/-405.670 χ^2 /NDF: 16.5/11

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 913.507+/-0.416 χ^2/NDF : 232196.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 911.191+/-0.396 χ^2/NDF : 219595.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

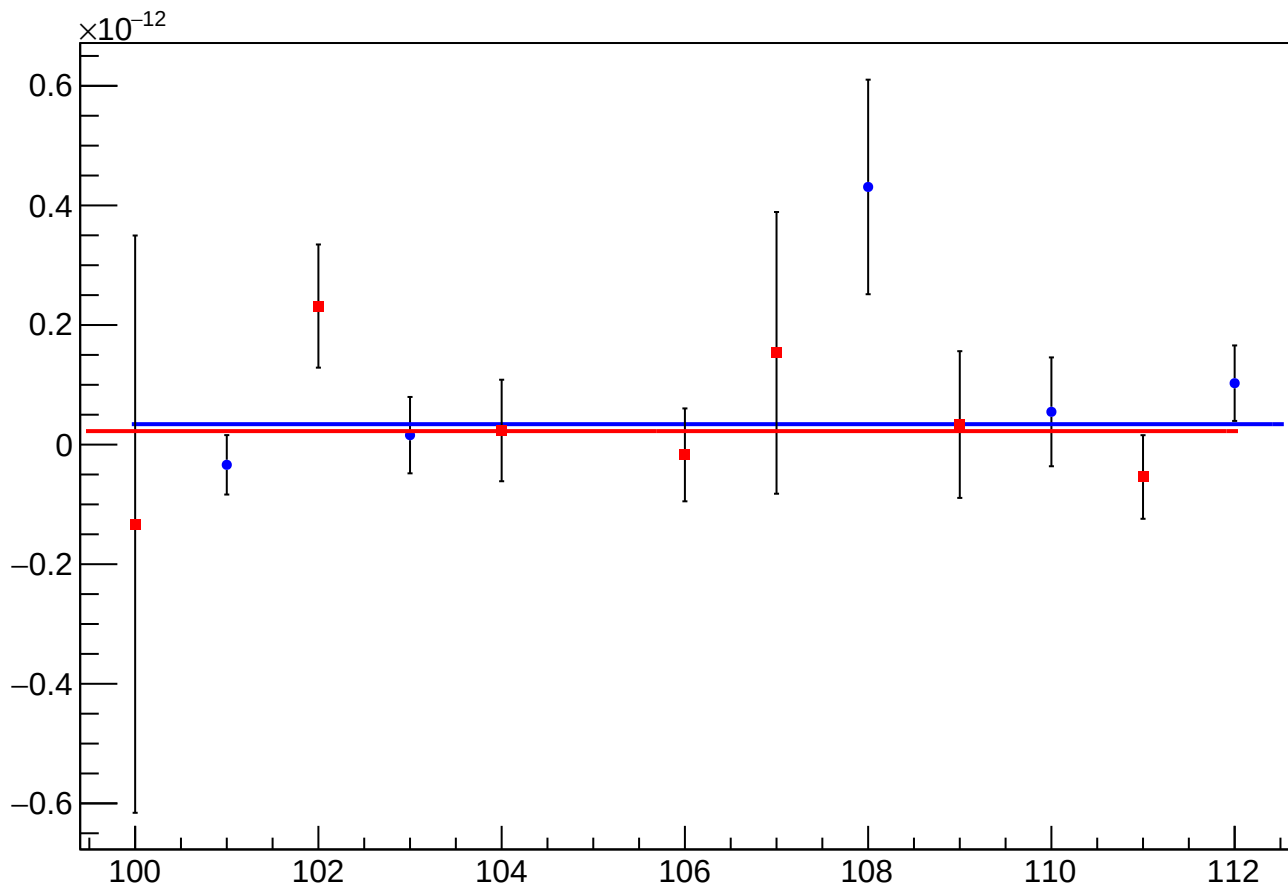
Right: 912.291+/-0.287 χ^2/NDF : 451808.8/11

In: 913.507+/-0.416 χ^2/NDF : 232196.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 912.291+/-0.287 χ^2/NDF : 451808.8/11

asym_sam_3748_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

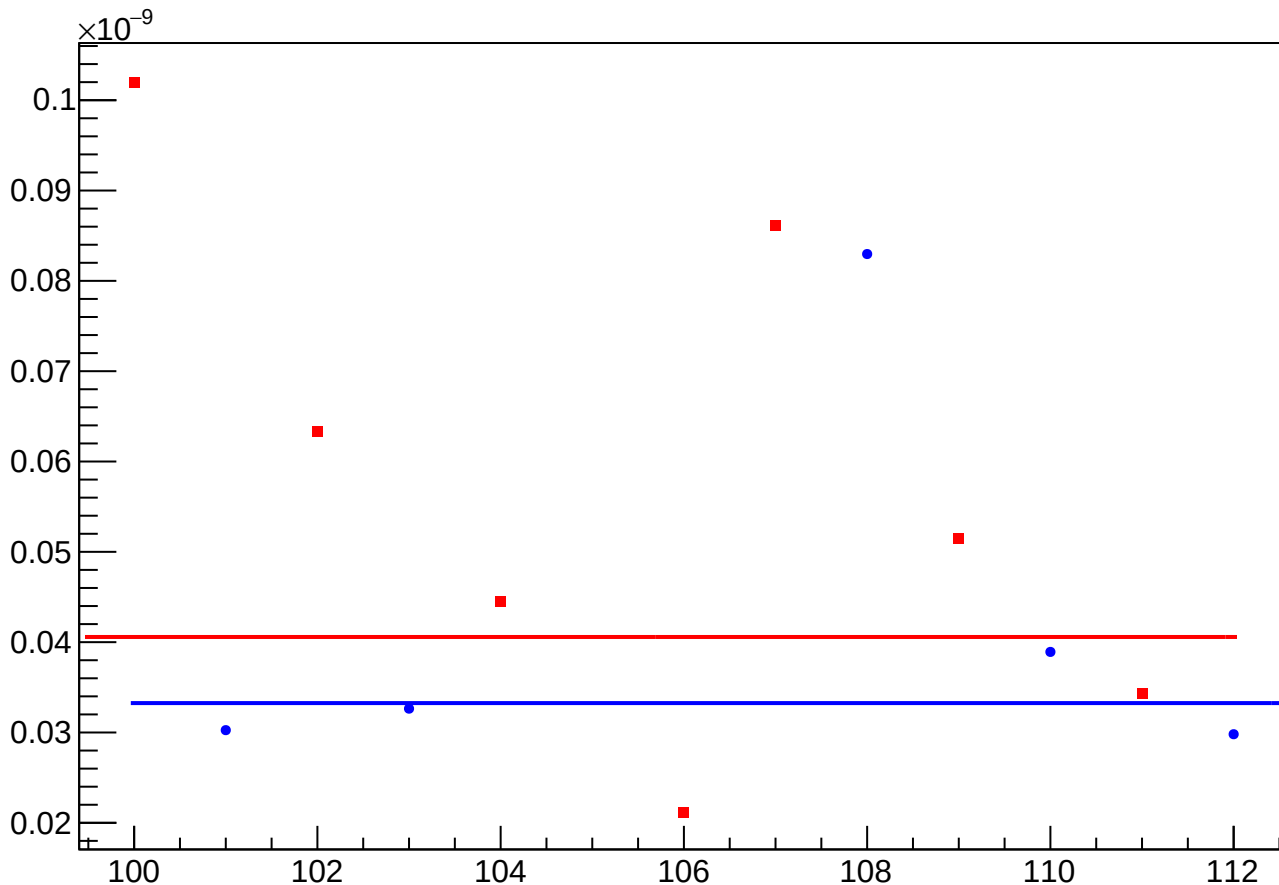
Right: 0.000+/-0.000 χ^2/NDF : 14.1/11

In: 0.000+/-0.000 χ^2/NDF : 8.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.1/11

asym_sam_3748_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 174734.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 365408.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

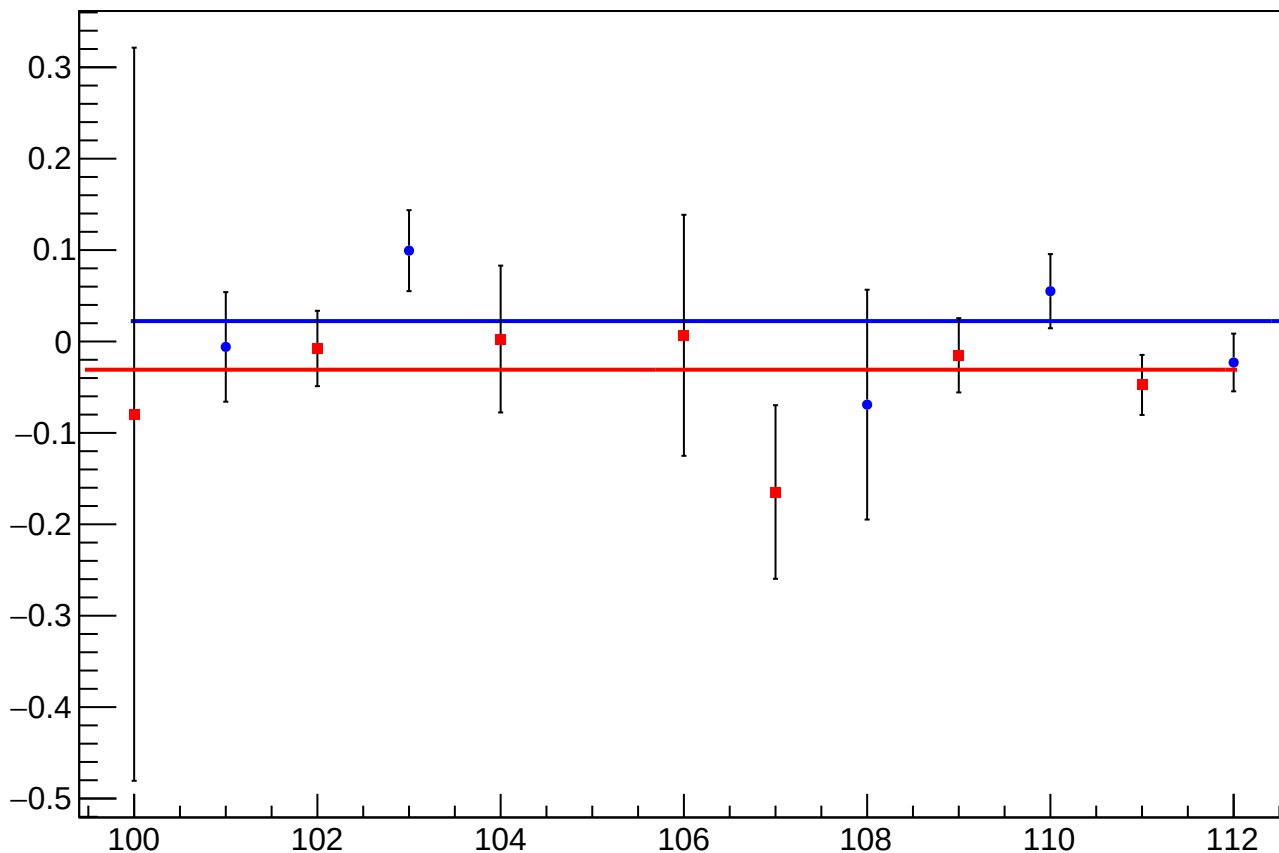
Right: 0.000+/-0.000 χ^2/NDF : 584873.0/11

In: 0.000+/-0.000 χ^2/NDF : 174734.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 584873.0/11

asym_sam_3748_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022 $\pm$ 0.020 χ^2 /NDF: 6.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.031 $\pm$ 0.020 χ^2 /NDF: 3.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

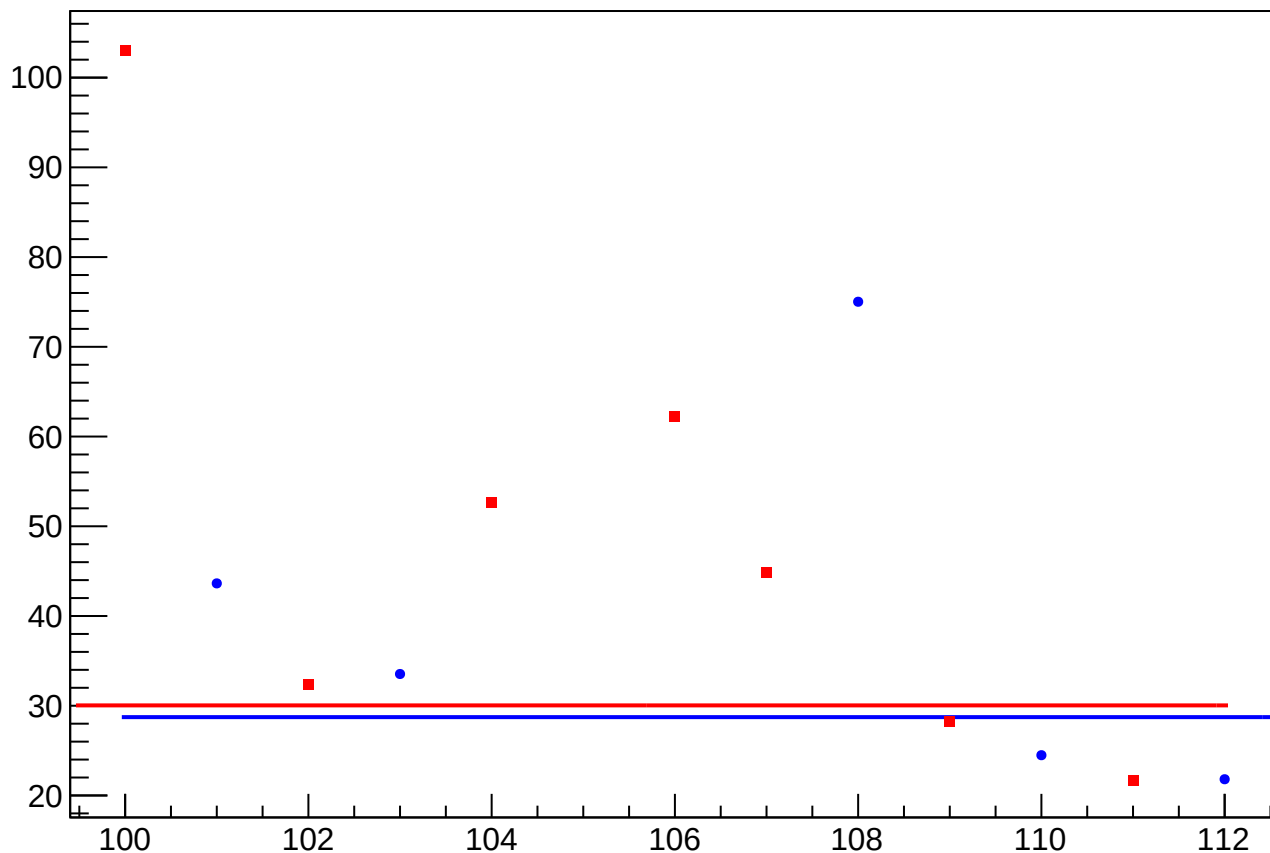
Right: -0.004 $\pm$ 0.014 χ^2 /NDF: 12.9/11

In: 0.022 $\pm$ 0.020 χ^2 /NDF:6.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.014 χ^2 /NDF: 12.9/11

asym_sam_3748_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.730+/-0.014 χ^2/NDF : 536508.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.038+/-0.014 χ^2/NDF : 534194.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

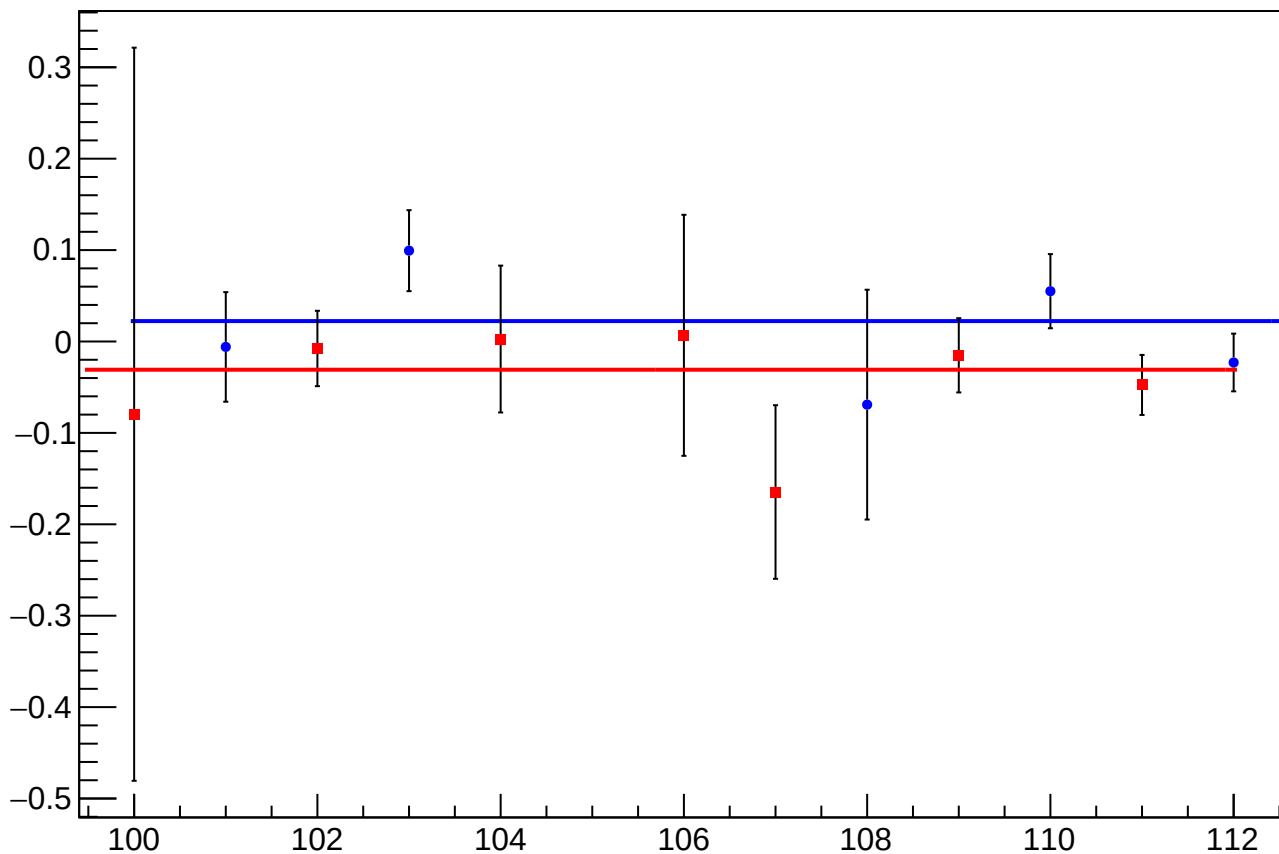
Right: 29.383+/-0.010 χ^2/NDF : 1074908.1/11

In: 28.730+/-0.014 χ^2/NDF : 536508.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.383+/-0.010 χ^2/NDF : 1074908.1/11

asym_sam_3748_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022 $\pm$ 0.020 χ^2 /NDF: 6.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.031 $\pm$ 0.020 χ^2 /NDF: 3.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

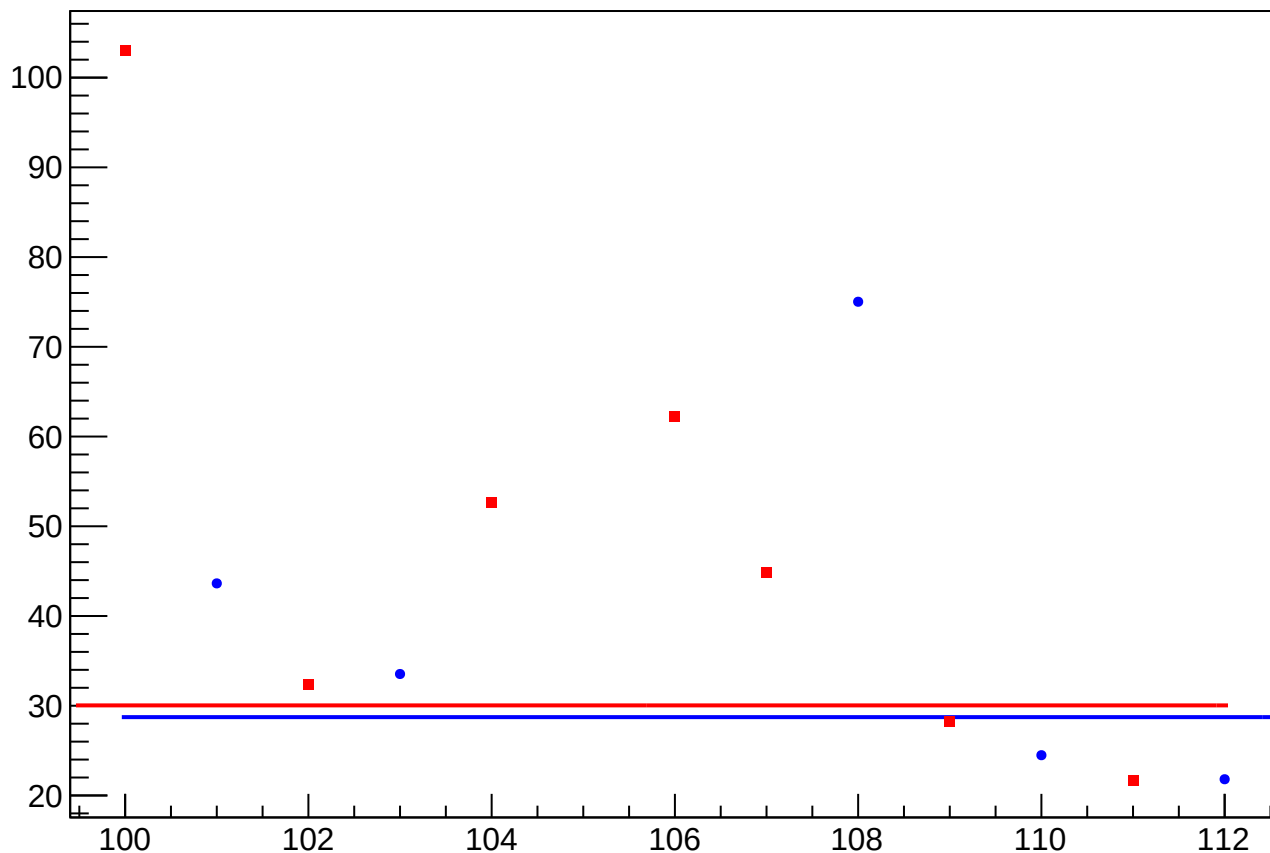
Right: -0.004 $\pm$ 0.014 χ^2 /NDF: 12.9/11

In: 0.022 $\pm$ 0.020 χ^2 /NDF:6.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.014 χ^2 /NDF: 12.9/11

asym_sam_3748_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.730+/-0.014 χ^2/NDF : 536508.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.038+/-0.014 χ^2/NDF : 534194.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

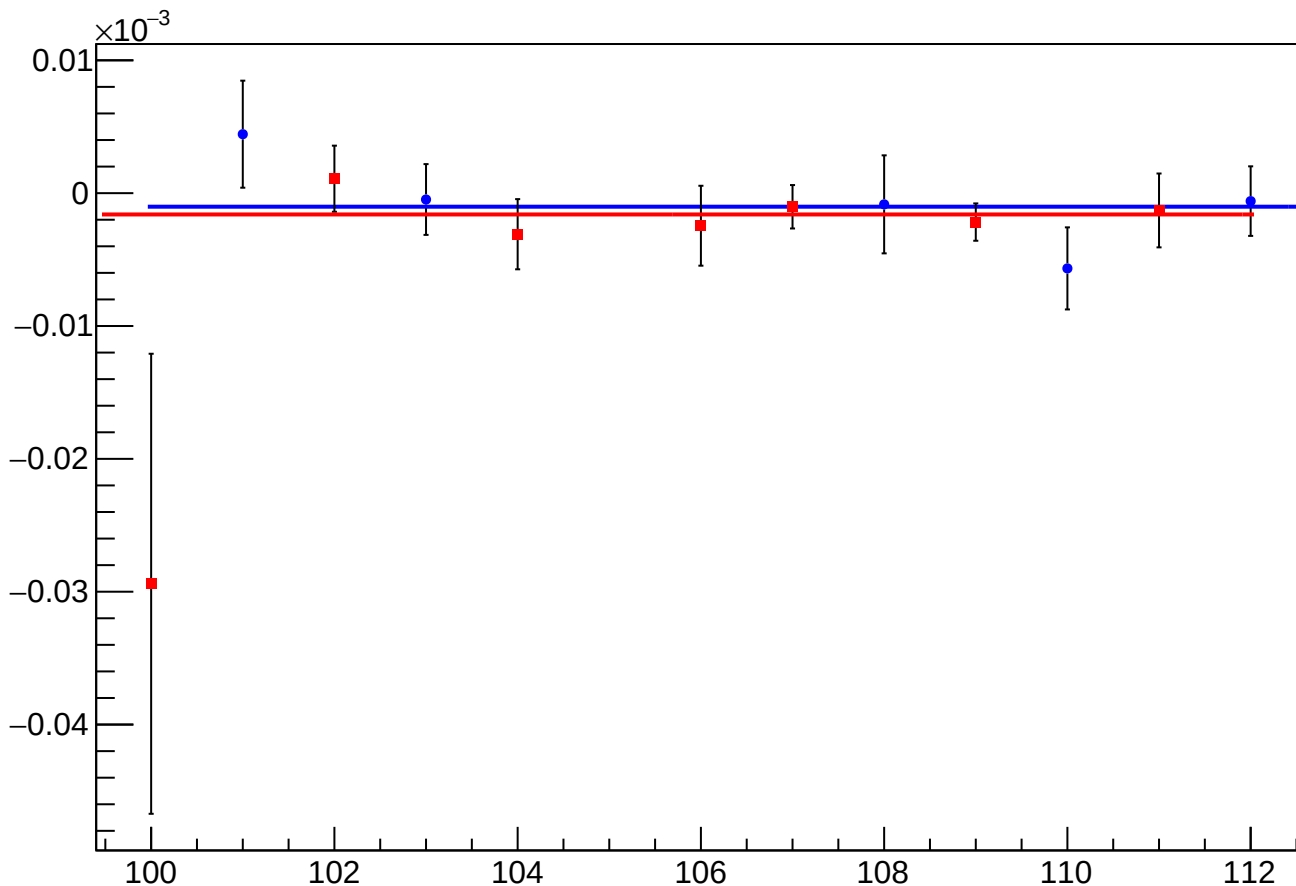
Right: 29.383+/-0.010 χ^2/NDF : 1074908.1/11

In: 28.730+/-0.014 χ^2/NDF : 536508.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.383+/-0.010 χ^2/NDF : 1074908.1/11

asym_sam_3748_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 4.2/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 4.4/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

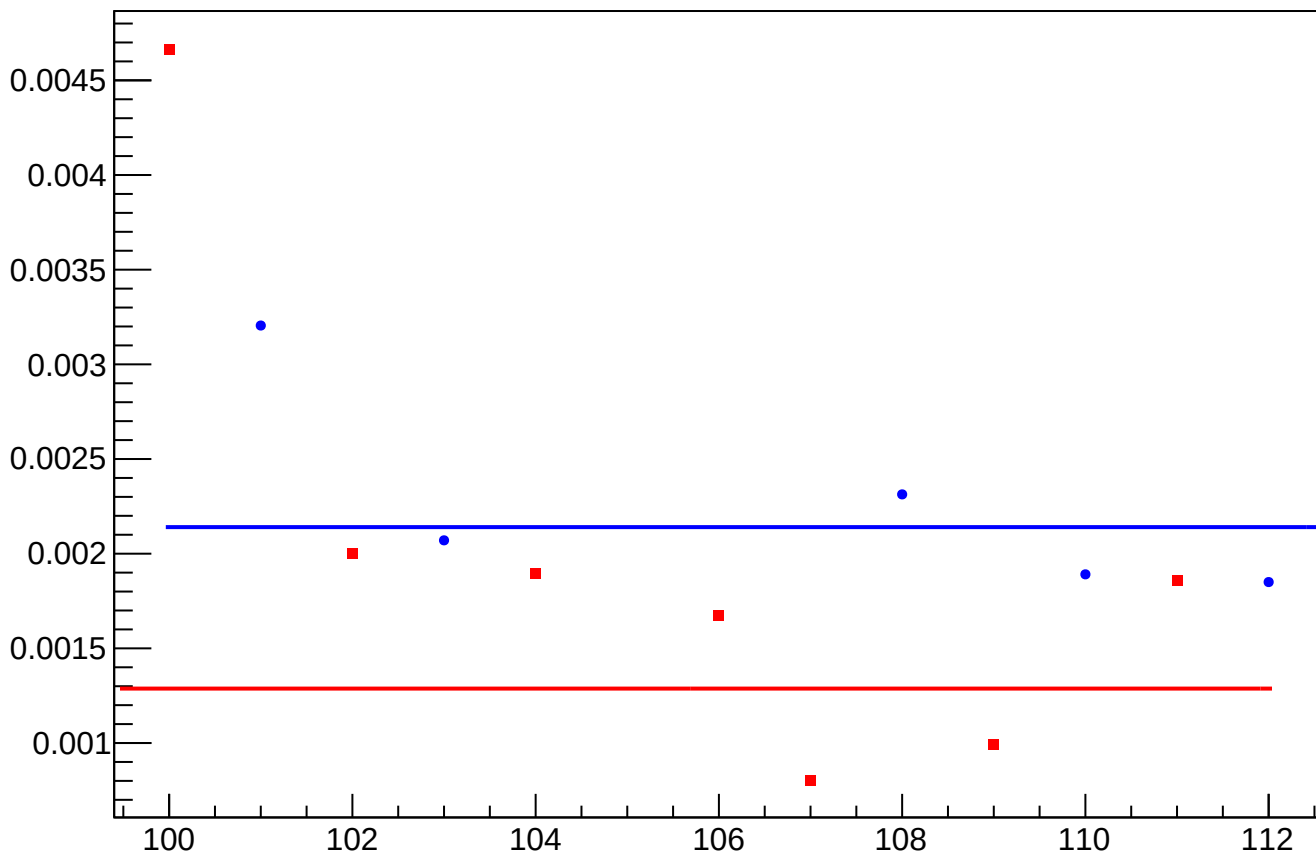
Right: -0.000+/-0.000 χ^2 /NDF: 8.7/11

In: -0.000+/-0.000 χ^2 /NDF:4.2/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 8.7/11

asym_sam_3748_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 183075.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 728710.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

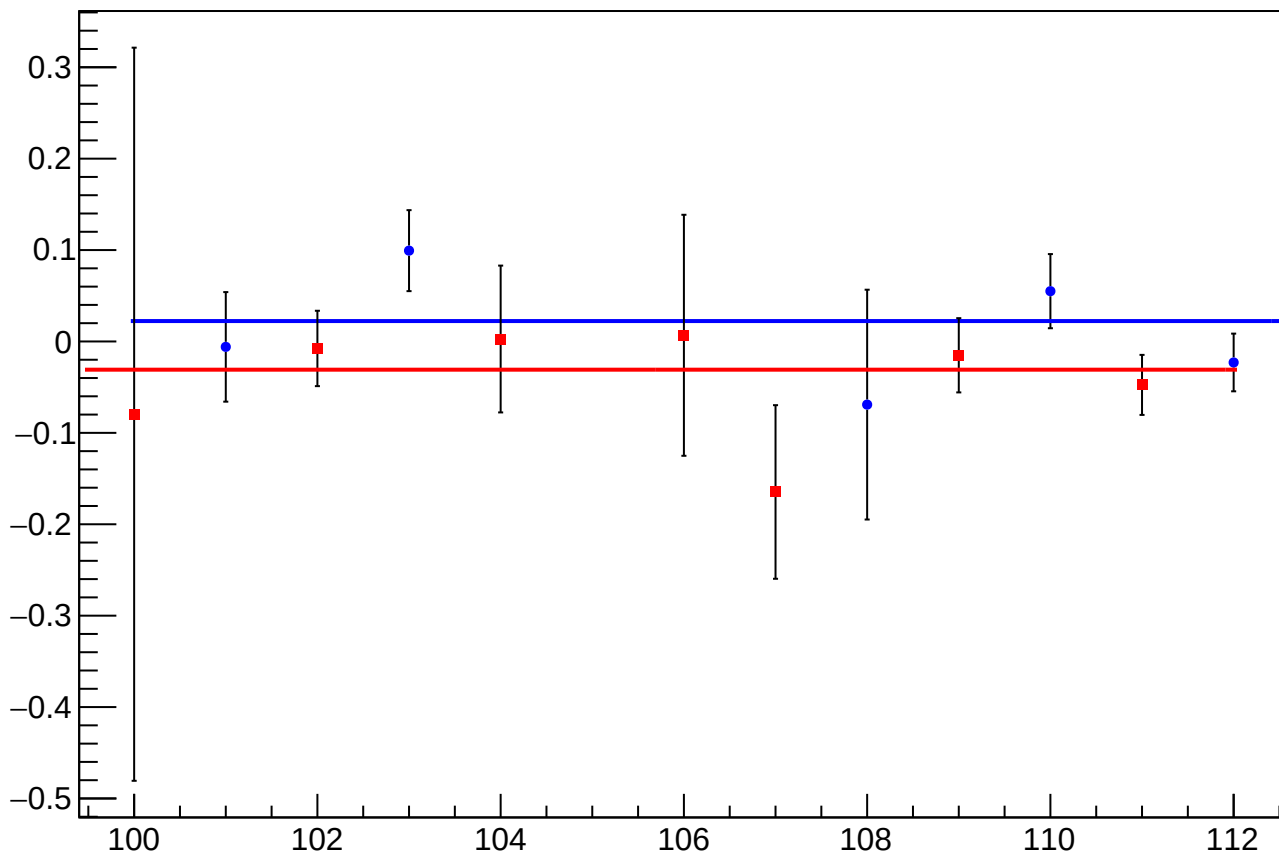
Right: 0.002+/-0.000 χ^2/NDF : 1471579.9/11

In: 0.002+/-0.000 χ^2/NDF : 183075.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1471579.9/11

asym_sam_3748_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022 $\pm$ 0.020 χ^2 /NDF: 6.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.031 $\pm$ 0.020 χ^2 /NDF: 3.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

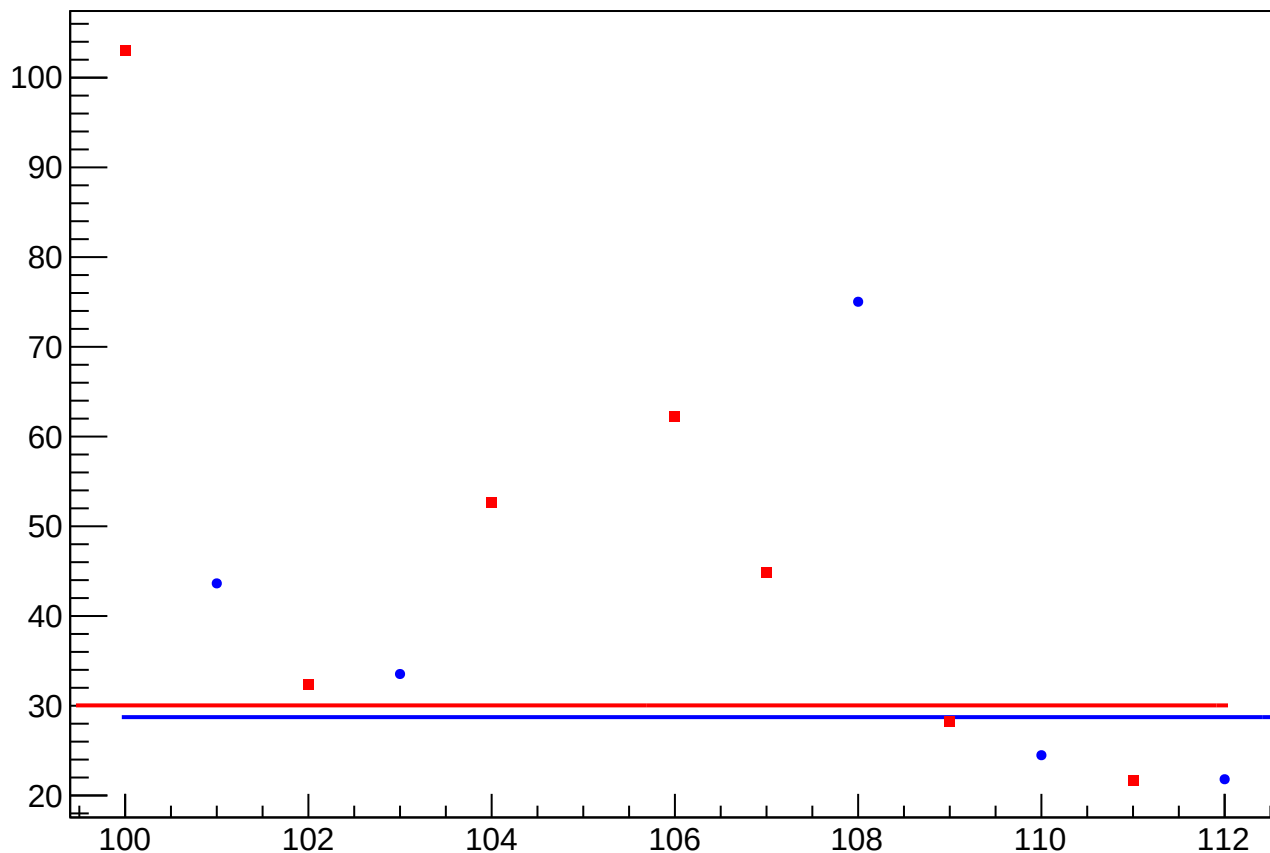
Right: -0.004 $\pm$ 0.014 χ^2 /NDF: 12.9/11

In: 0.022 $\pm$ 0.020 χ^2 /NDF:6.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.014 χ^2 /NDF: 12.9/11

asym_sam_3748_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.731+/-0.014 χ^2/NDF : 536517.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.039+/-0.014 χ^2/NDF : 534188.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

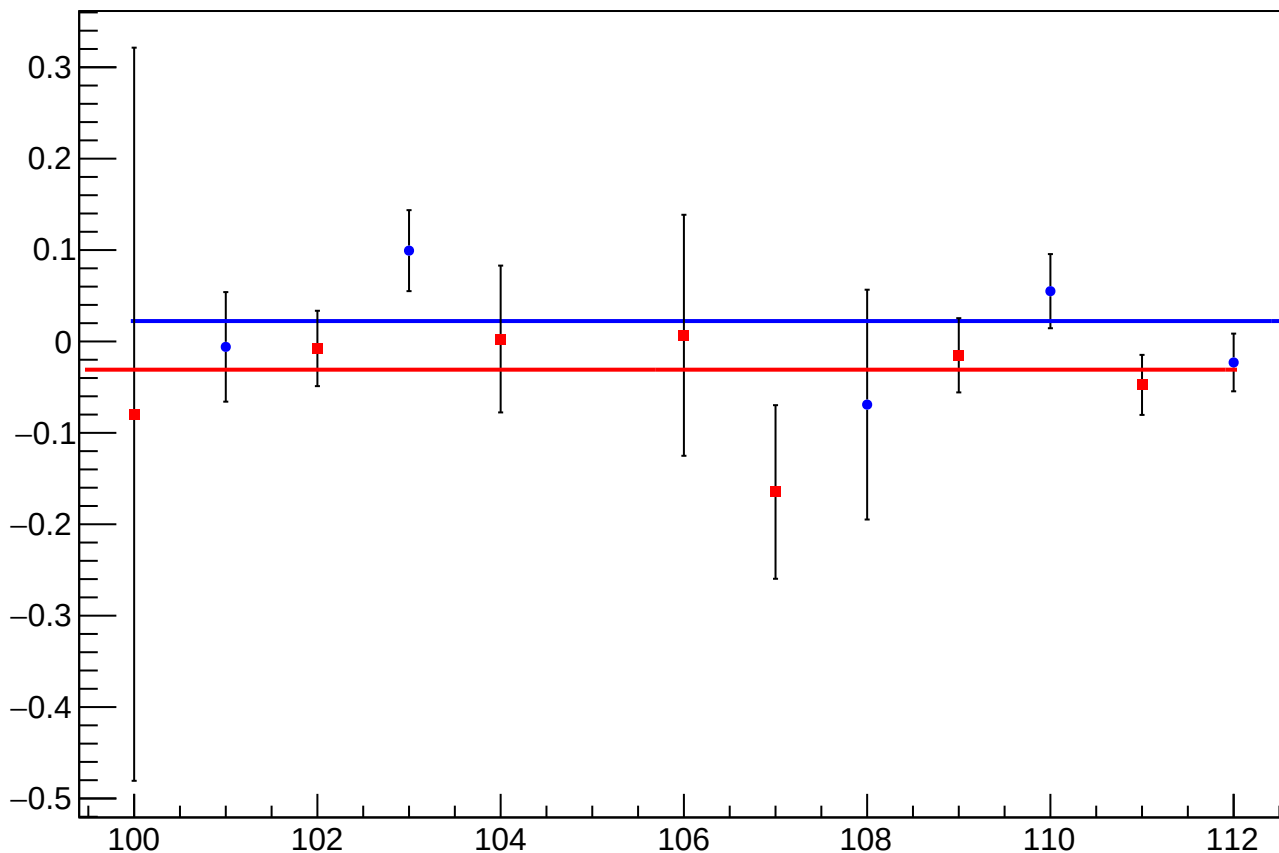
Right: 29.383+/-0.010 χ^2/NDF : 1074910.8/11

In: 28.731+/-0.014 χ^2/NDF : 536517.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.383+/-0.010 χ^2/NDF : 1074910.8/11

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022 $\pm$ 0.020 χ^2 /NDF: 6.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.031 $\pm$ 0.020 χ^2 /NDF: 3.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

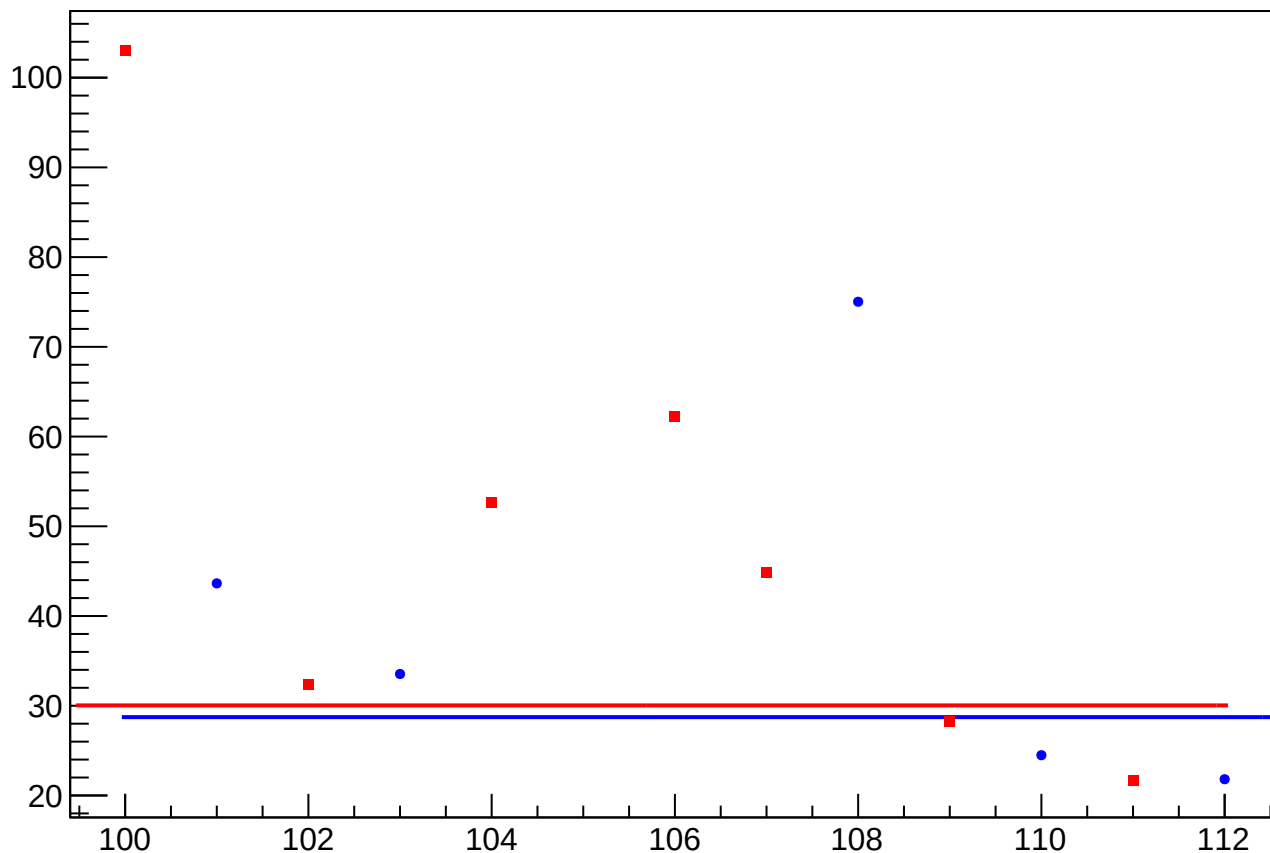
Right: -0.004 $\pm$ 0.014 χ^2 /NDF: 12.9/11

In: 0.022 $\pm$ 0.020 χ^2 /NDF:6.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.014 χ^2 /NDF: 12.9/11

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.731+/-0.014 χ^2/NDF : 536517.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.039+/-0.014 χ^2/NDF : 534188.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

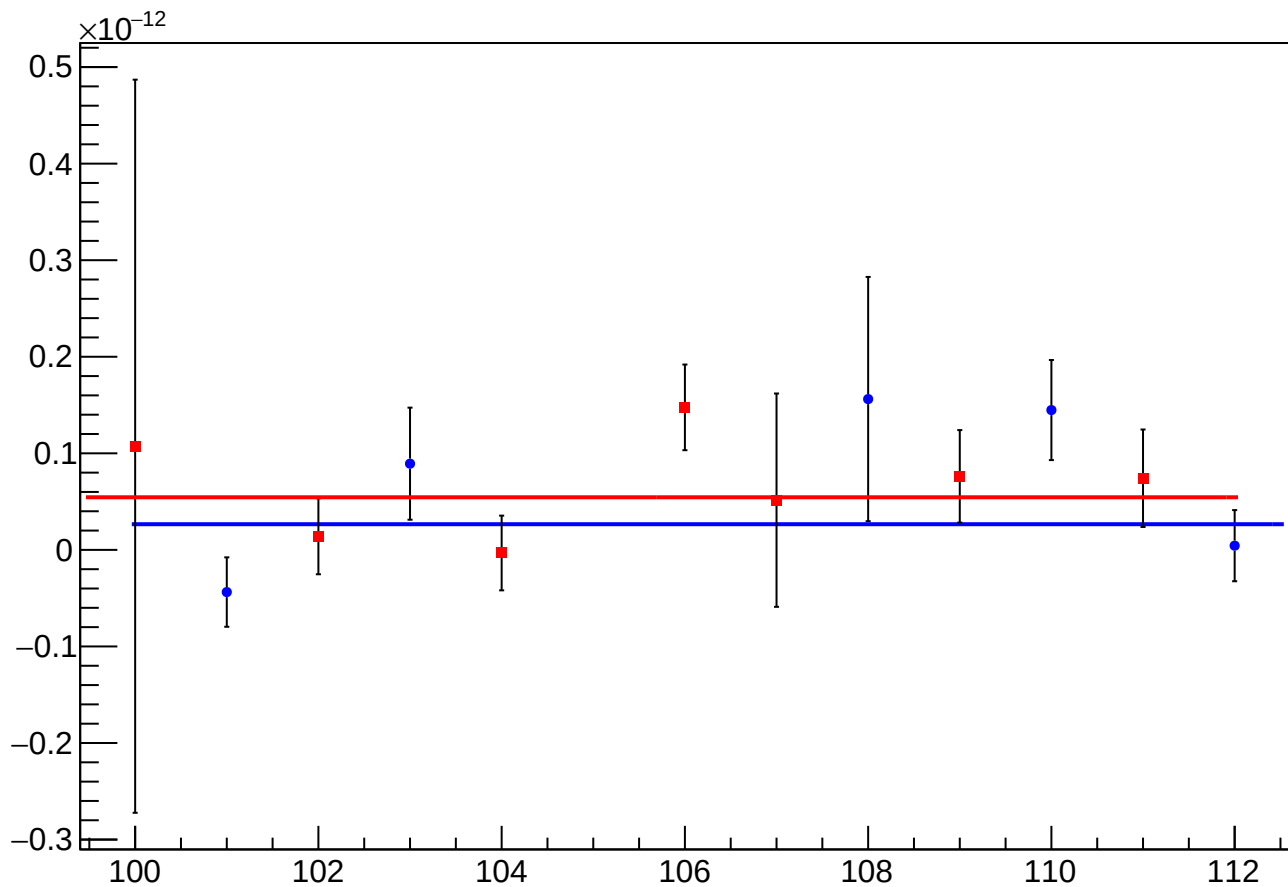
Right: 29.383+/-0.010 χ^2/NDF : 1074910.8/11

In: 28.731+/-0.014 χ^2/NDF : 536517.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.383+/-0.010 χ^2/NDF : 1074910.8/11

asym_sam_3748_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

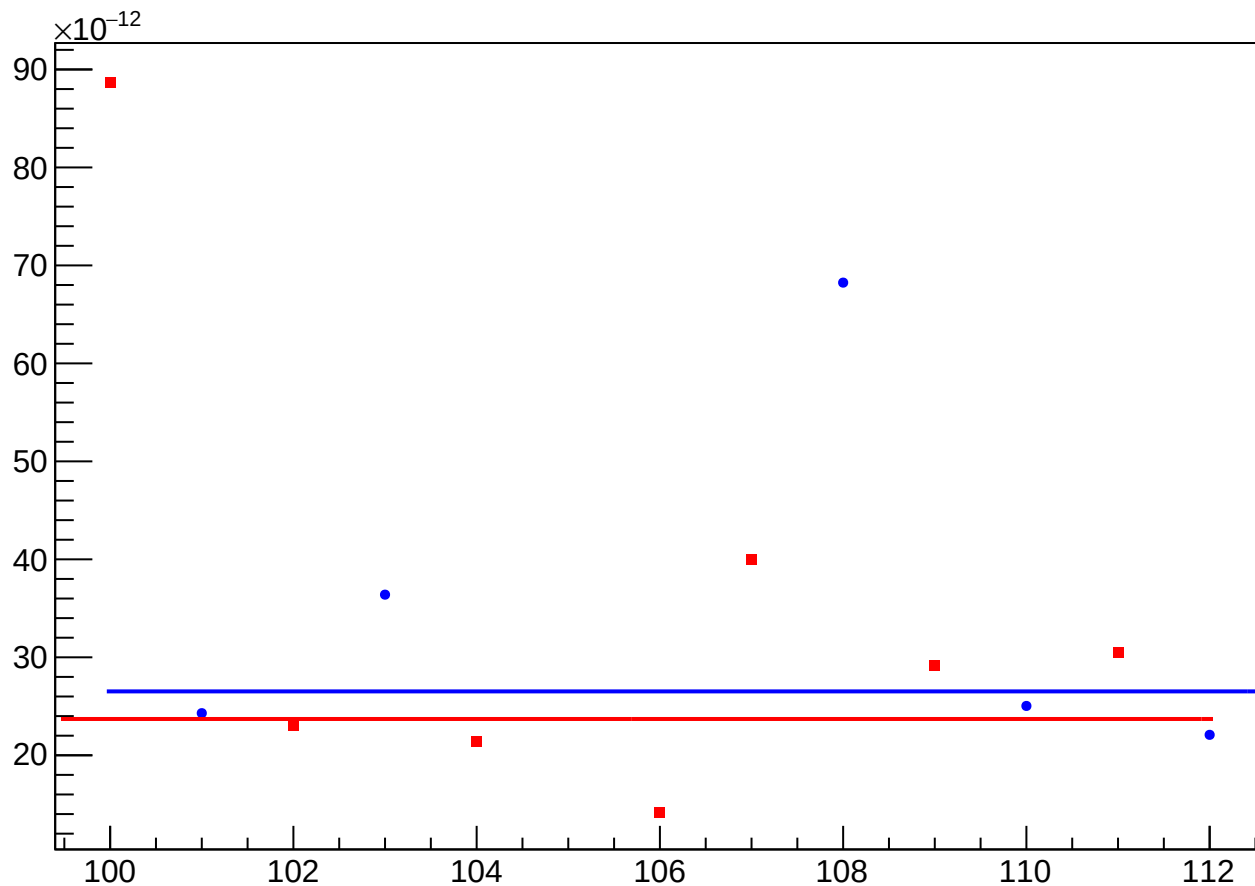
Right: 0.000+/-0.000 χ^2/NDF : 20.6/11

In: 0.000+/-0.000 χ^2/NDF : 11.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.6/11

asym_sam_3748_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 313697.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 265288.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

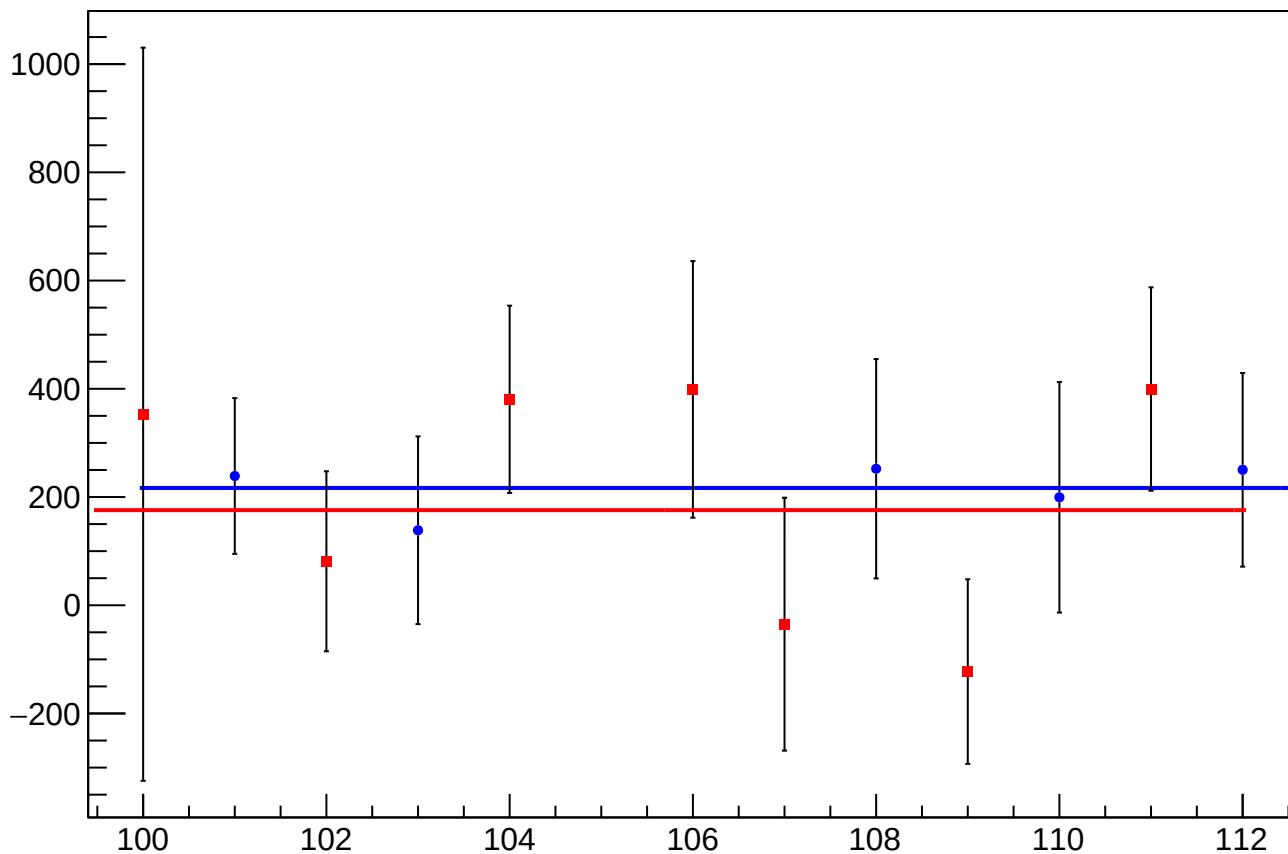
Right: 0.000+/-0.000 χ^2/NDF : 598546.4/11

In: 0.000+/-0.000 χ^2/NDF : 313697.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 598546.4/11

reg_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 216.761 $\pm$ 79.268 χ^2 /NDF: 0.3/4

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 175.788 $\pm$ 76.582 χ^2 /NDF: 8.0/6

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

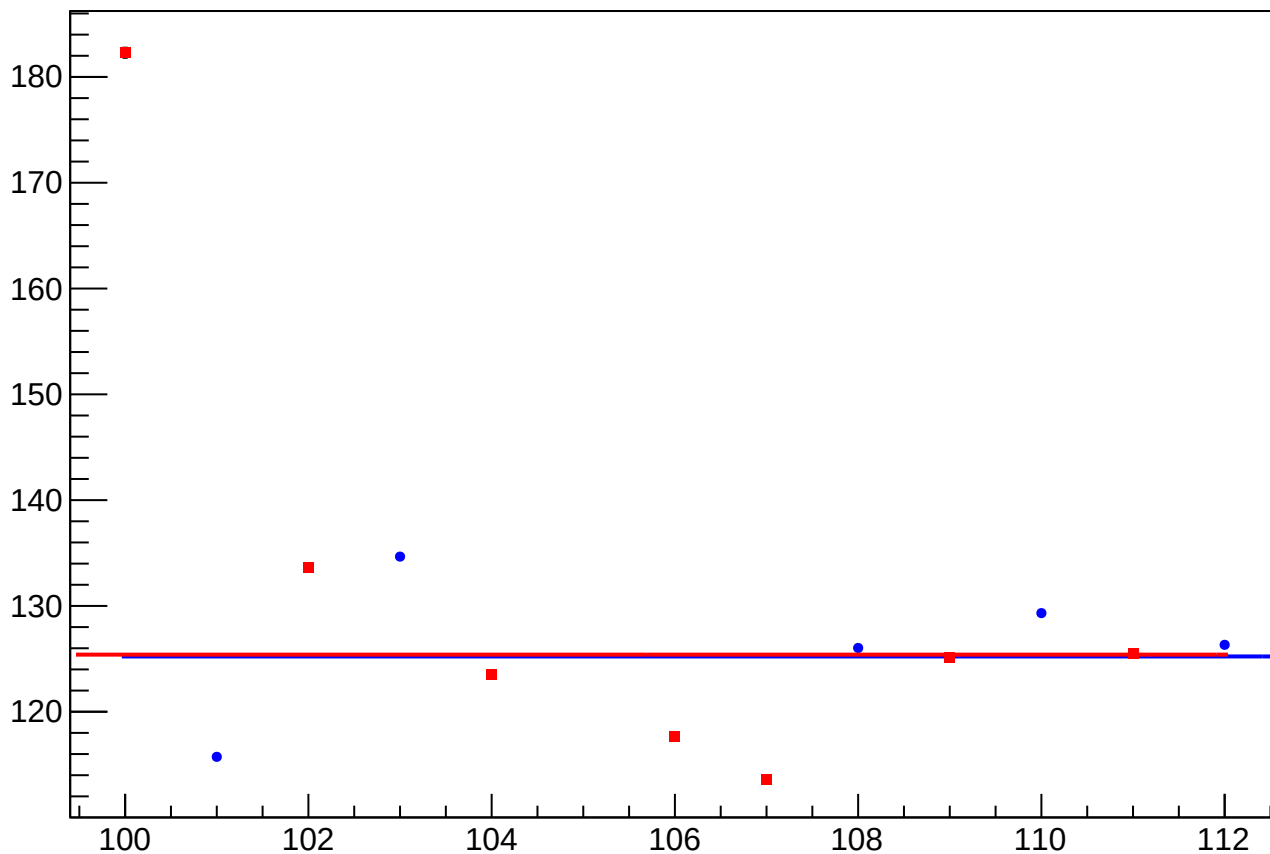
Right: 195.568 $\pm$ 55.077 χ^2 /NDF: 8.4/11

In: 216.761 $\pm$ 79.268 χ^2 /NDF:0.3/4

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 195.568 $\pm$ 55.077 χ^2 /NDF: 8.4/11

reg_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 125.225+/-0.056 χ^2/NDF : 15460.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.398+/-0.054 χ^2/NDF : 26449.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

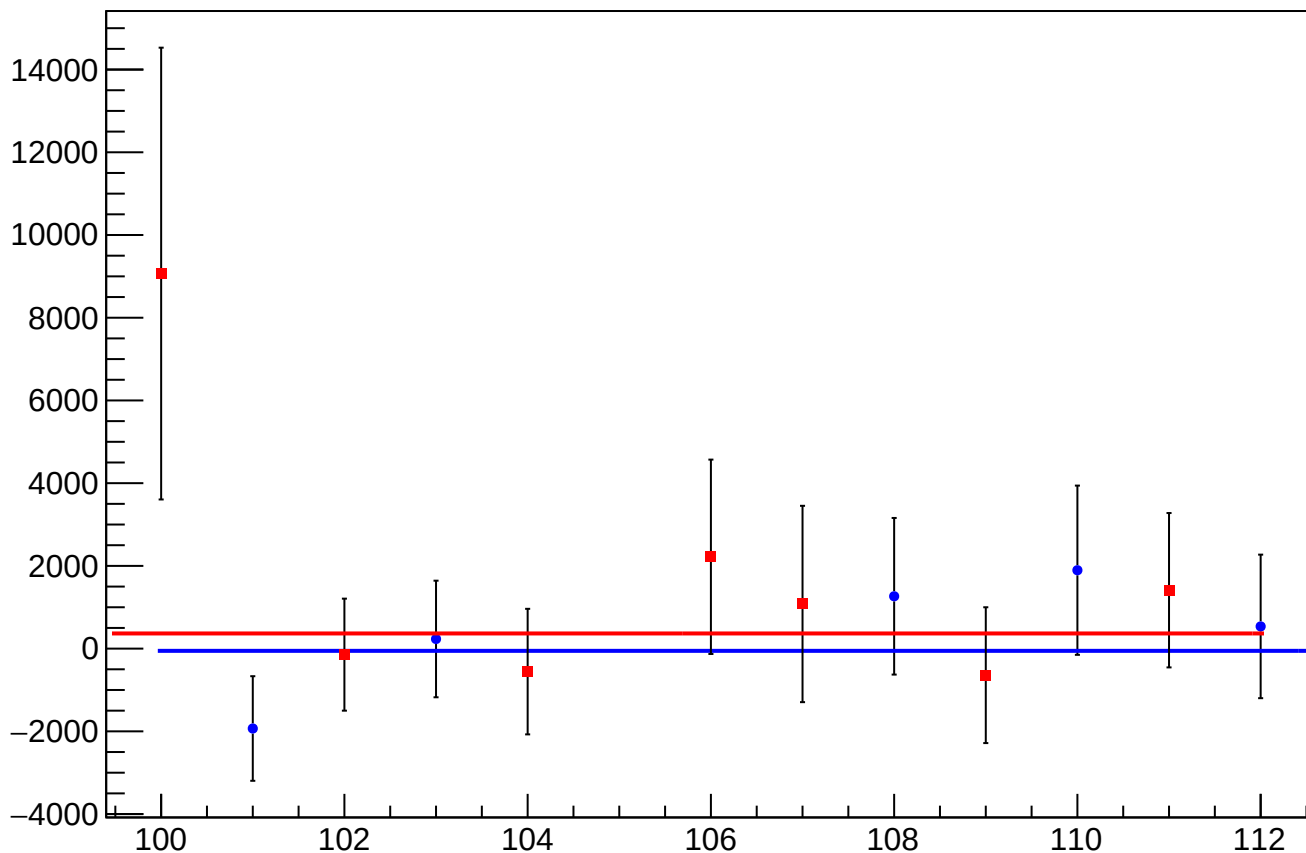
Right: 125.314+/-0.039 χ^2/NDF : 41914.7/11

In: 125.225+/-0.056 χ^2/NDF : 15460.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.314+/-0.039 χ^2/NDF : 41914.7/11

asym_sam_1526_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -53.825+/-710.870 χ^2/NDF : 3.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 366.636+/-701.928 χ^2/NDF : 4.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

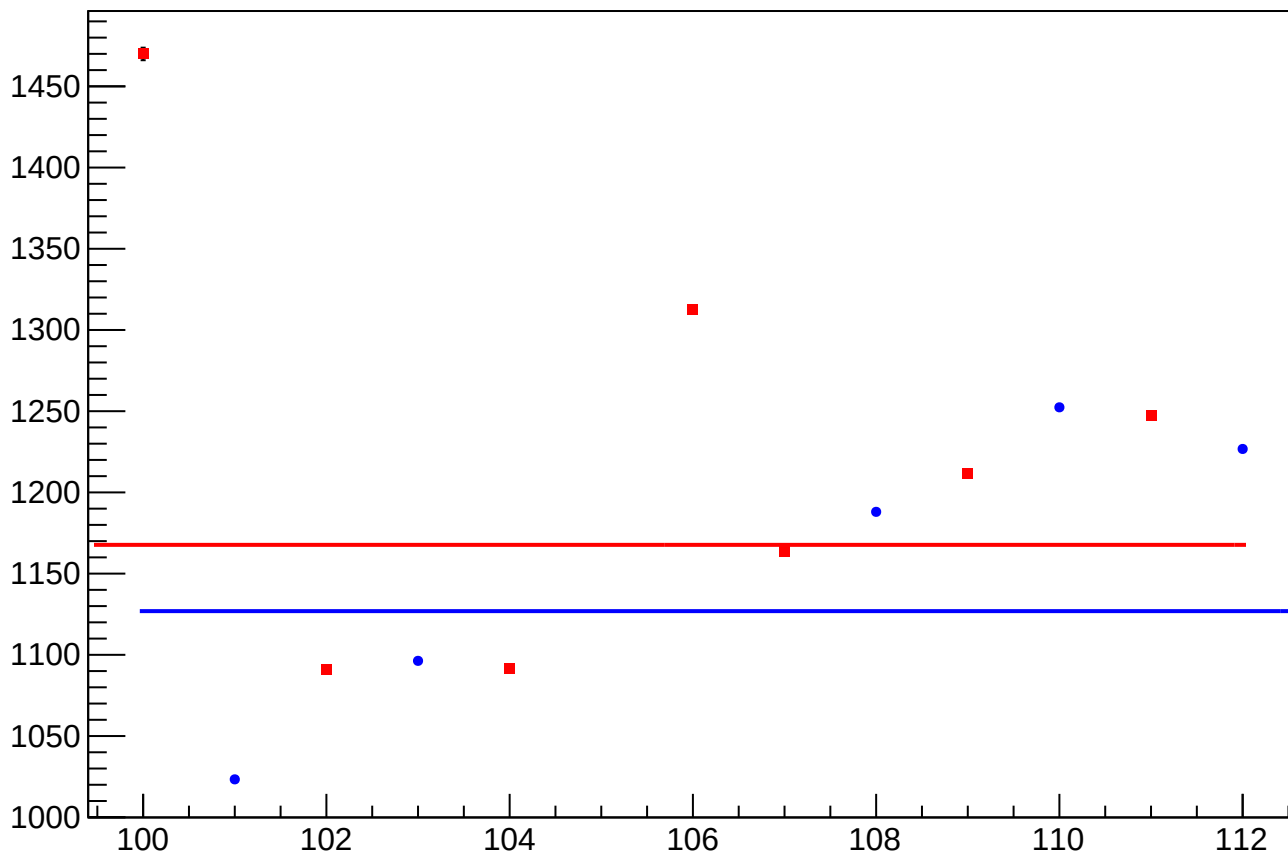
Right: 159.067+/-499.469 χ^2/NDF : 8.4/11

In: -53.825+/-710.870 χ^2/NDF : 3.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.067+/-499.469 χ^2/NDF : 8.4/11

asym_sam_1526_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1126.906 $\pm$ 0.503 χ^2 /NDF: 30593.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1167.705 $\pm$ 0.496 χ^2 /NDF: 30254.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

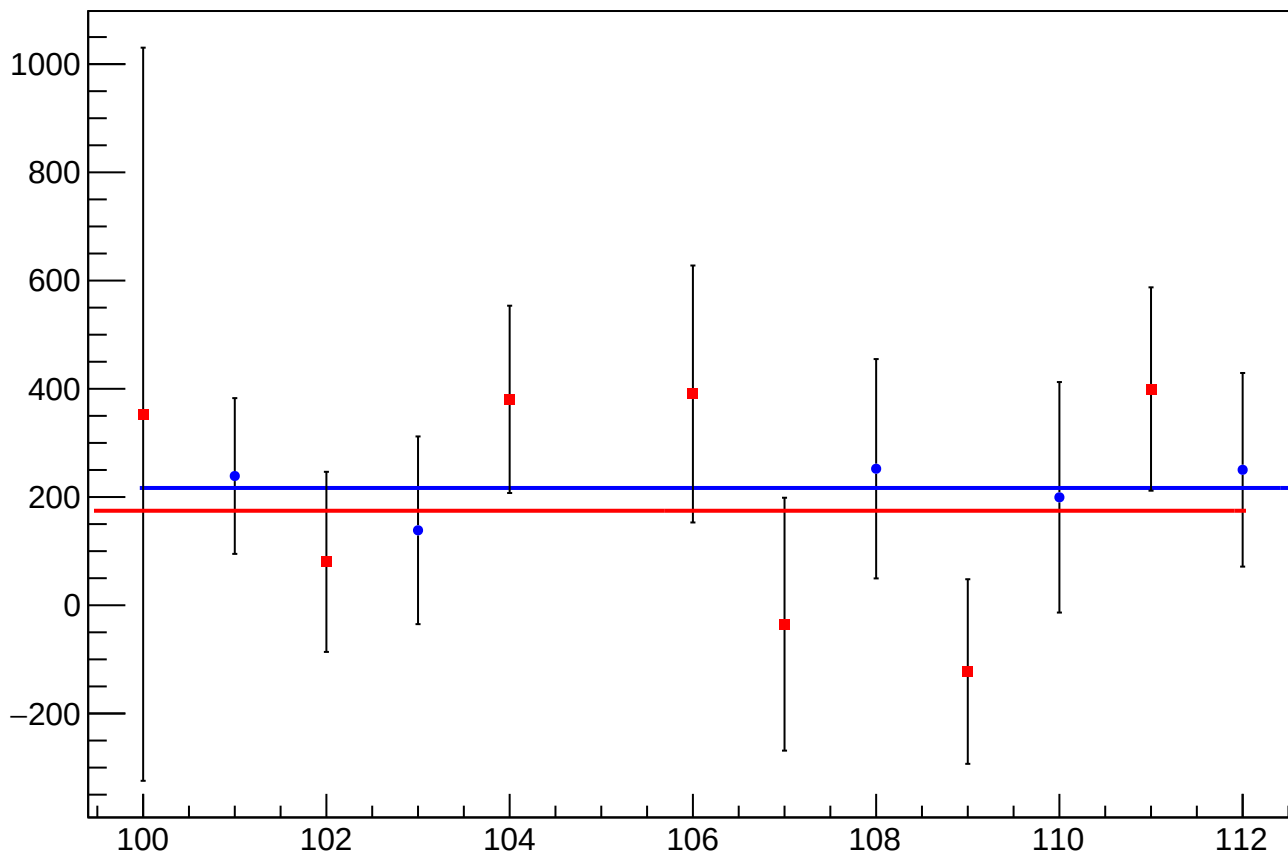
Right: 1147.564 $\pm$ 0.353 χ^2 /NDF: 64183.9/11

In: 1126.906 $\pm$ 0.503 χ^2 /NDF:30593.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1147.564 $\pm$ 0.353 χ^2 /NDF: 64183.9/11

cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 216.752 $\pm$ 79.268 χ^2 /NDF: 0.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 174.644 $\pm$ 76.600 χ^2 /NDF: 7.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

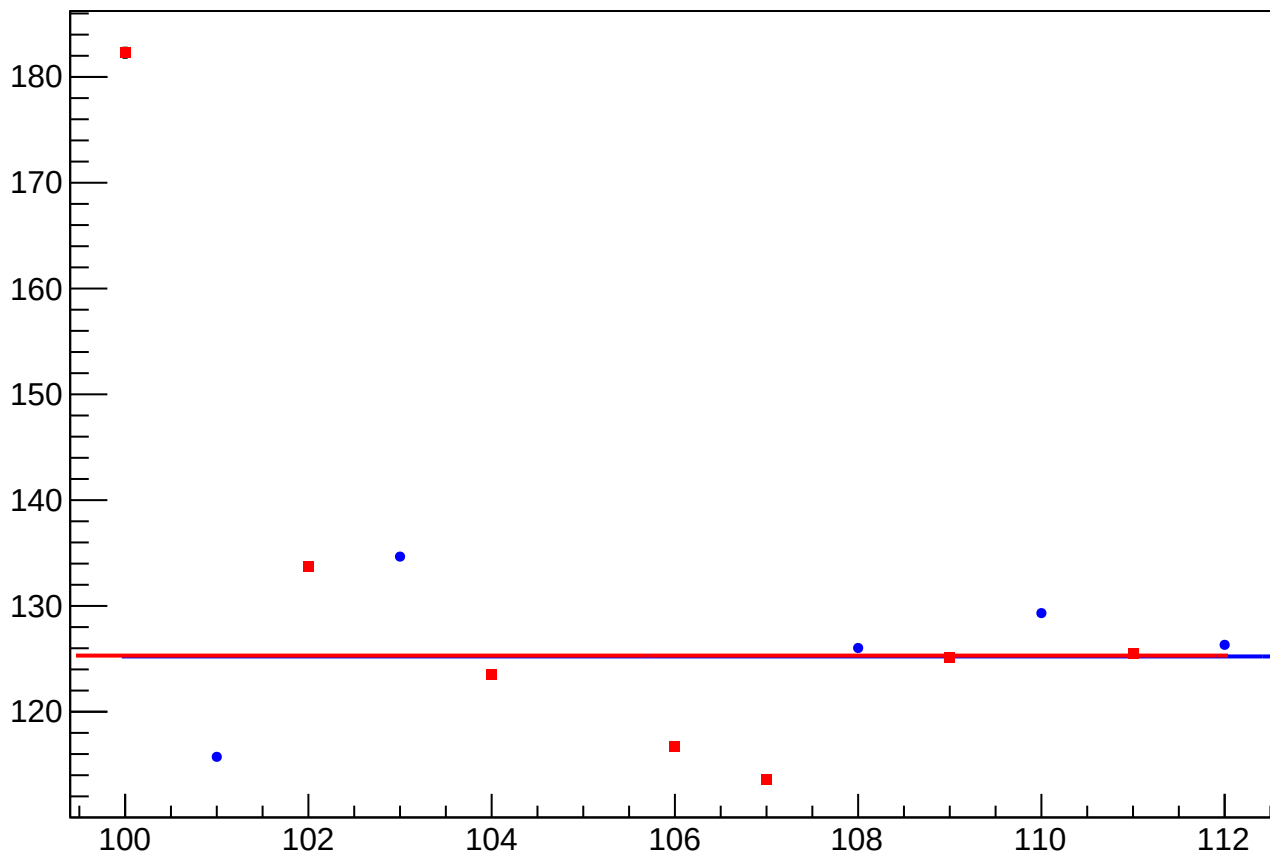
Right: 194.977 $\pm$ 55.084 χ^2 /NDF: 8.3/11

In: 216.752 $\pm$ 79.268 χ^2 /NDF: 0.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 194.977 $\pm$ 55.084 χ^2 /NDF: 8.3/11

cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 125.225+/-0.056 χ^2/NDF : 15461.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.308+/-0.054 χ^2/NDF : 27111.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

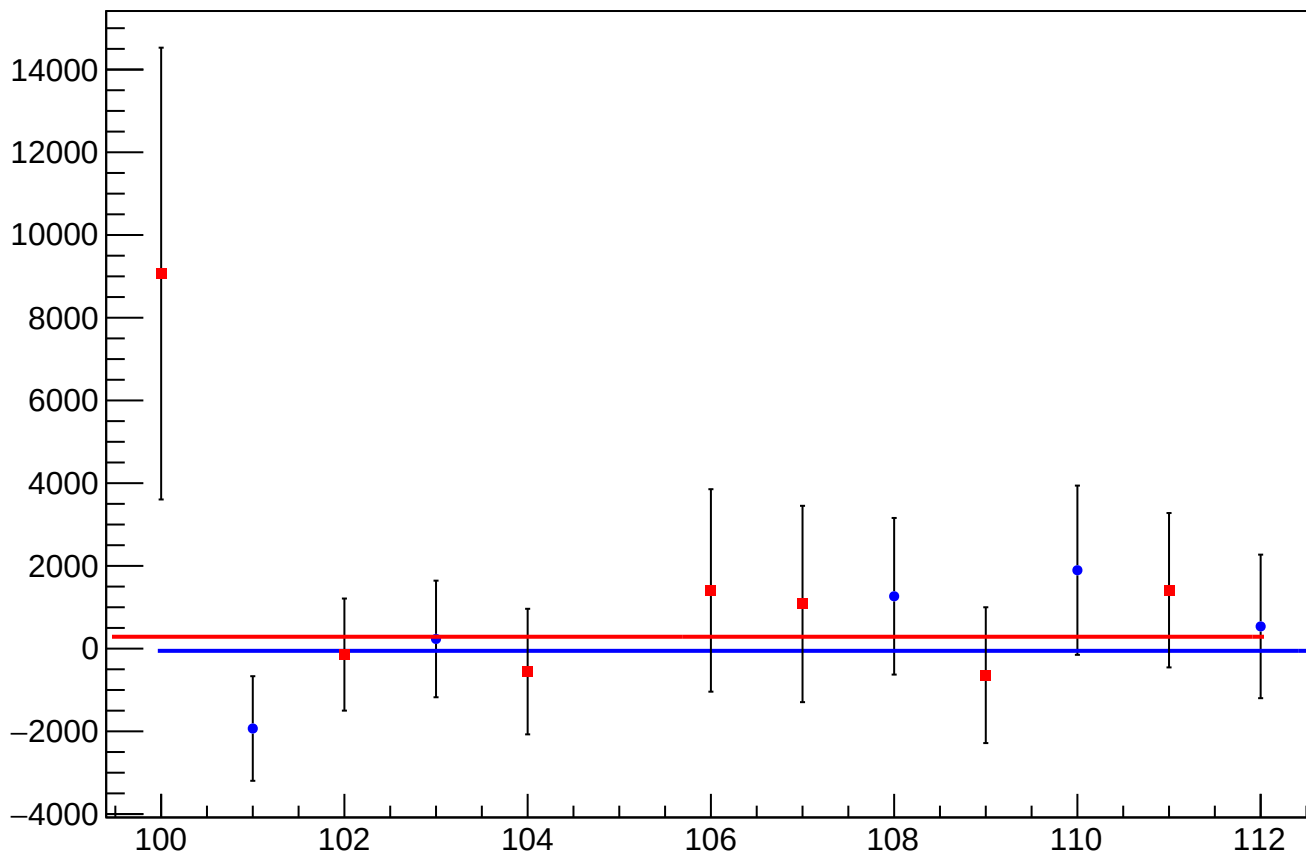
Right: 125.268+/-0.039 χ^2/NDF : 42573.9/11

In: 125.225+/-0.056 χ^2/NDF : 15461.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.268+/-0.039 χ^2/NDF : 42573.9/11

asym_sam_1526_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -53.664+/-710.880 χ^2/NDF : 3.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 287.001+/-704.539 χ^2/NDF : 4.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

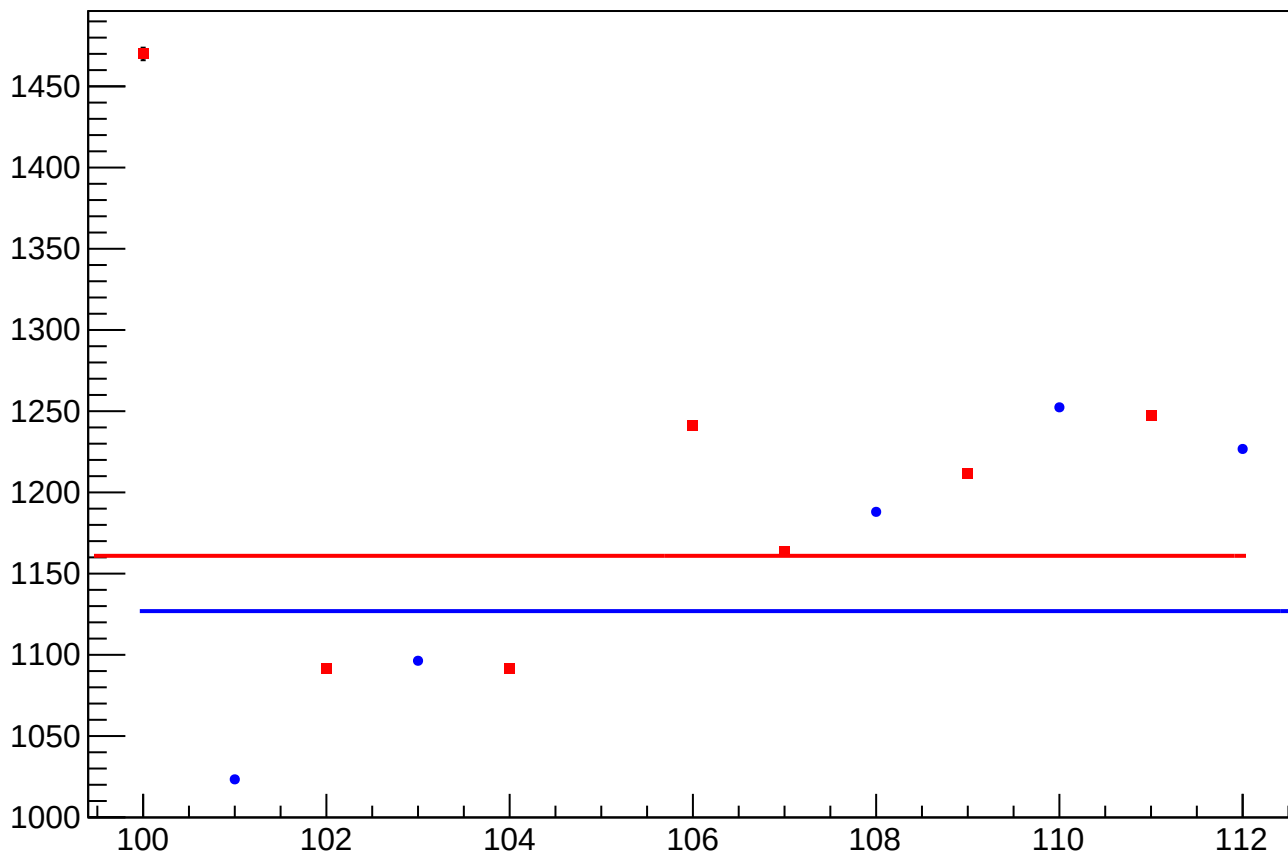
Right: 118.195+/-500.411 χ^2/NDF : 7.9/11

In: -53.664+/-710.880 χ^2/NDF : 3.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.195+/-500.411 χ^2/NDF : 7.9/11

asym_sam_1526_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1126.922+/-0.503 χ^2/NDF : 30589.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1160.956+/-0.498 χ^2/NDF : 24082.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

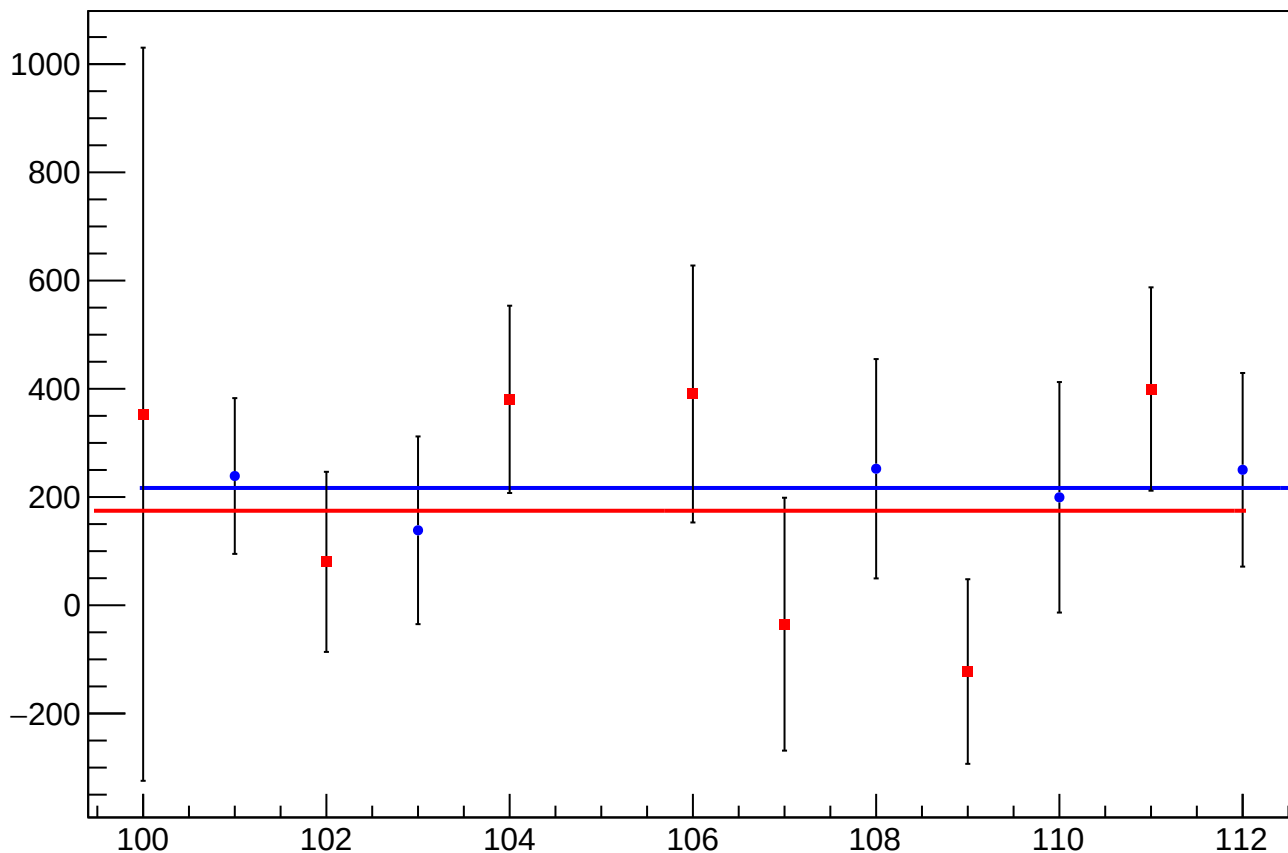
Right: 1144.091+/-0.354 χ^2/NDF : 56984.0/11

In: 1126.922+/-0.503 χ^2/NDF : 30589.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1144.091+/-0.354 χ^2/NDF : 56984.0/11

eigen_cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 216.752 $\pm$ 79.268 χ^2 /NDF: 0.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 174.644 $\pm$ 76.600 χ^2 /NDF: 7.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

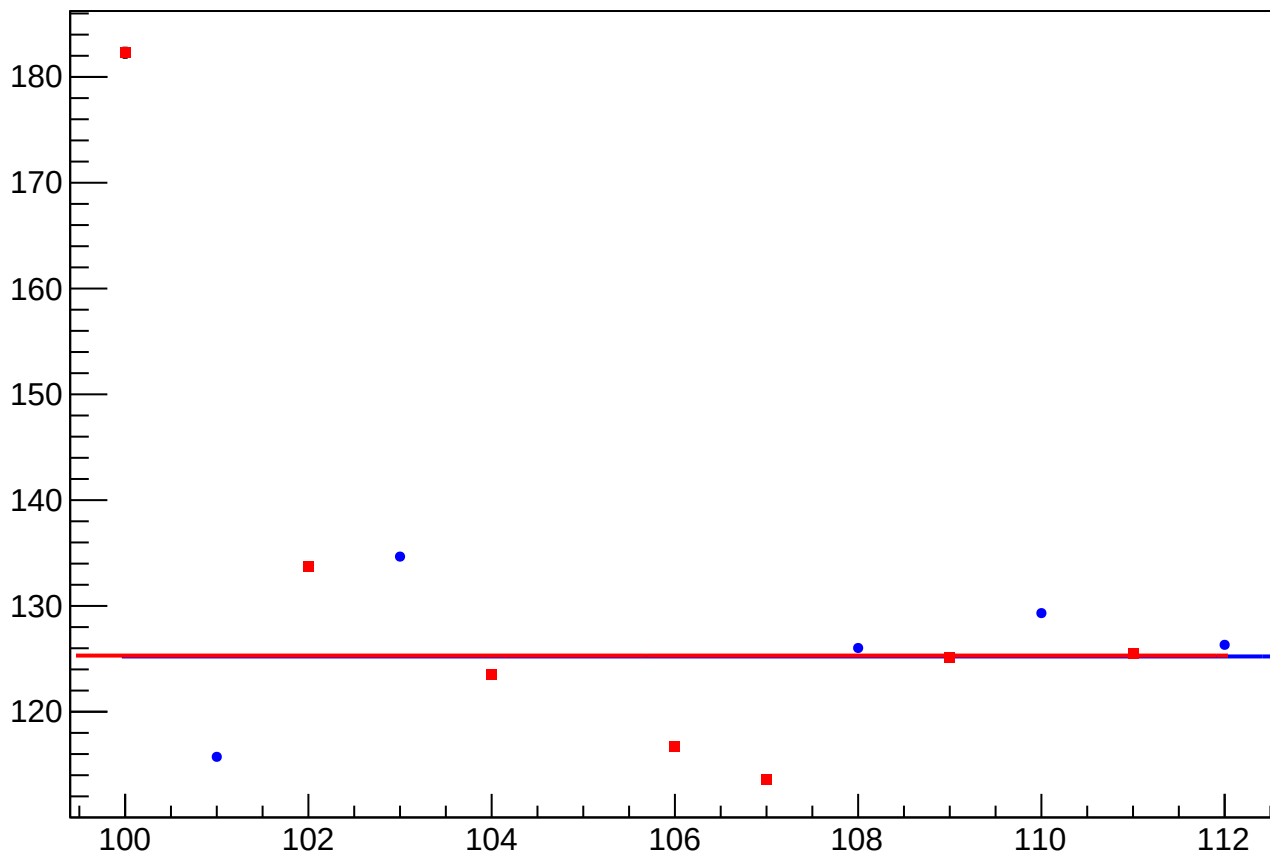
Right: 194.977 $\pm$ 55.084 χ^2 /NDF: 8.3/11

In: 216.752 $\pm$ 79.268 χ^2 /NDF: 0.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 194.977 $\pm$ 55.084 χ^2 /NDF: 8.3/11

eigen_cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 125.225+/-0.056 χ^2/NDF : 15461.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.308+/-0.054 χ^2/NDF : 27111.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

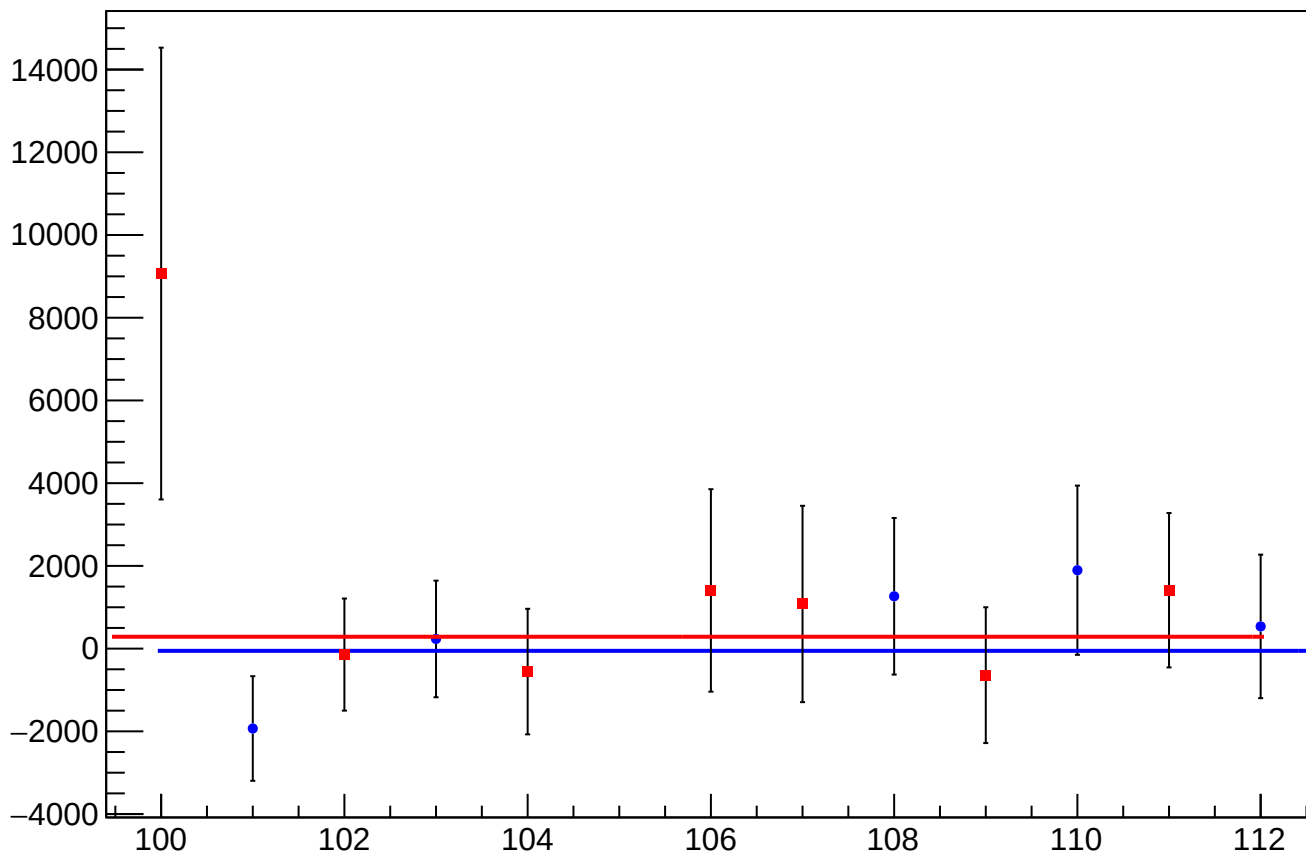
Right: 125.268+/-0.039 χ^2/NDF : 42573.9/11

In: 125.225+/-0.056 χ^2/NDF : 15461.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.268+/-0.039 χ^2/NDF : 42573.9/11

asym_sam_1526_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -53.664+/-710.880 χ^2/NDF : 3.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 287.001+/-704.539 χ^2/NDF : 4.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

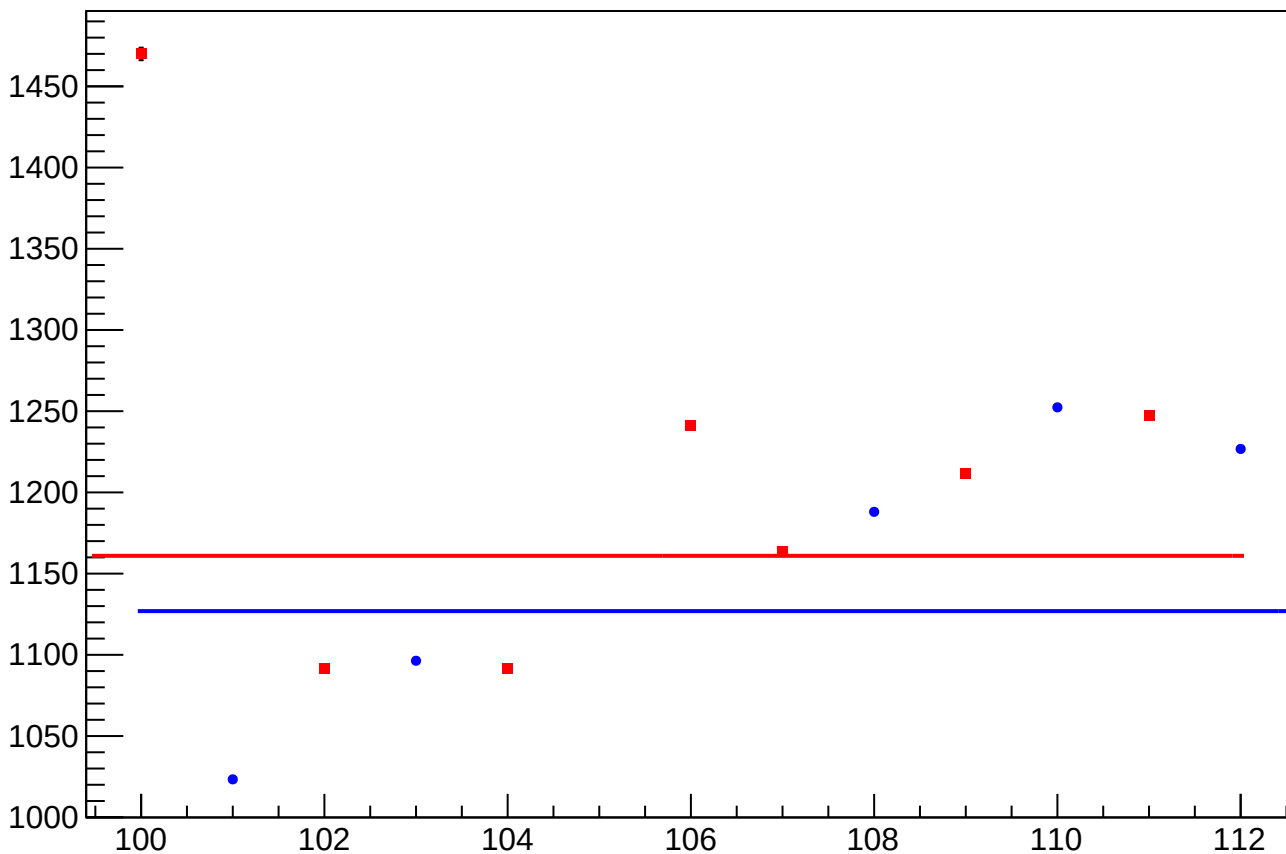
Right: 118.195+/-500.411 χ^2/NDF : 7.9/11

In: -53.664+/-710.880 χ^2/NDF : 3.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.195+/-500.411 χ^2/NDF : 7.9/11

asym_sam_1526_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1126.922+/-0.503 χ^2/NDF : 30589.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1160.956+/-0.498 χ^2/NDF : 24082.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

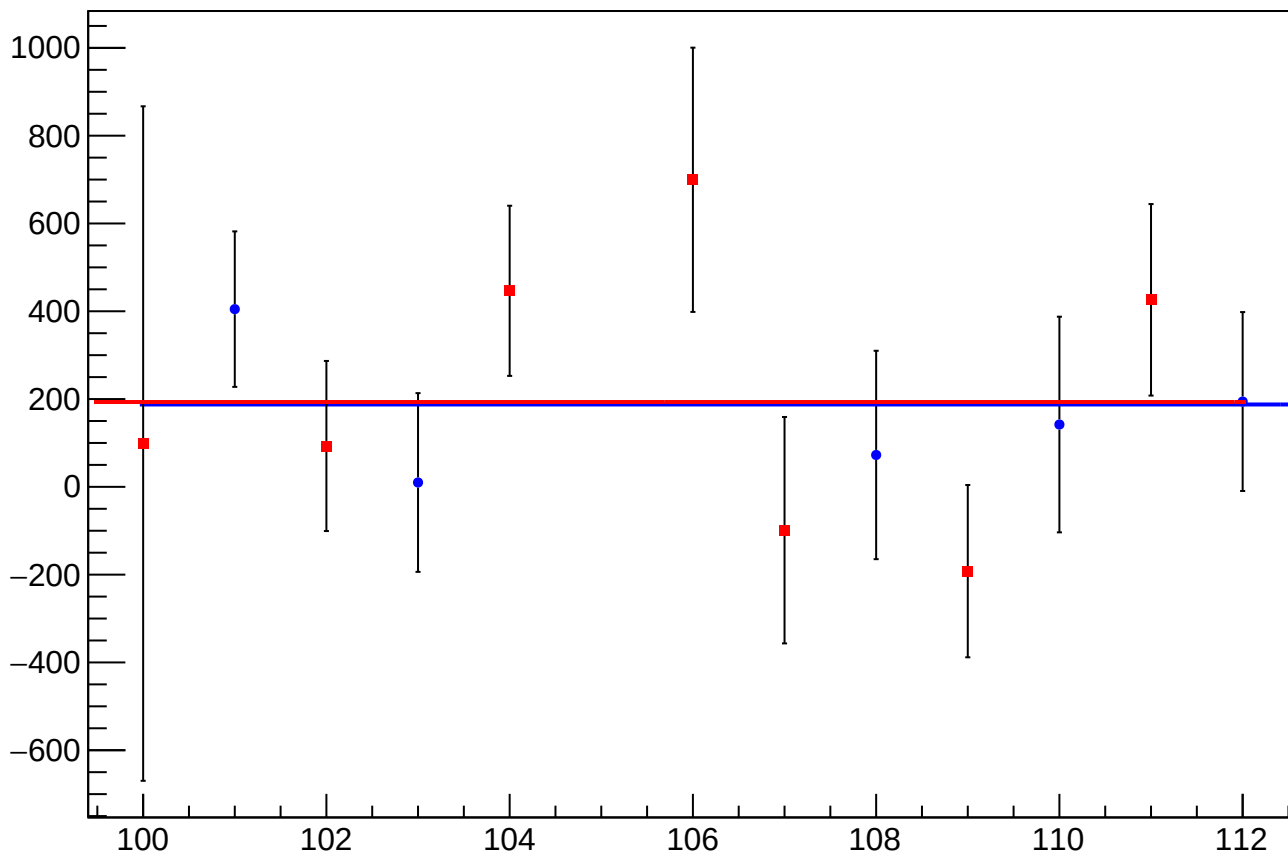
Right: 1144.091+/-0.354 χ^2/NDF : 56984.0/11

In: 1126.922+/-0.503 χ^2/NDF : 30589.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1144.091+/-0.354 χ^2/NDF : 56984.0/11

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 187.643+/-93.493 χ^2/NDF : 2.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 193.255+/-88.389 χ^2/NDF : 11.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

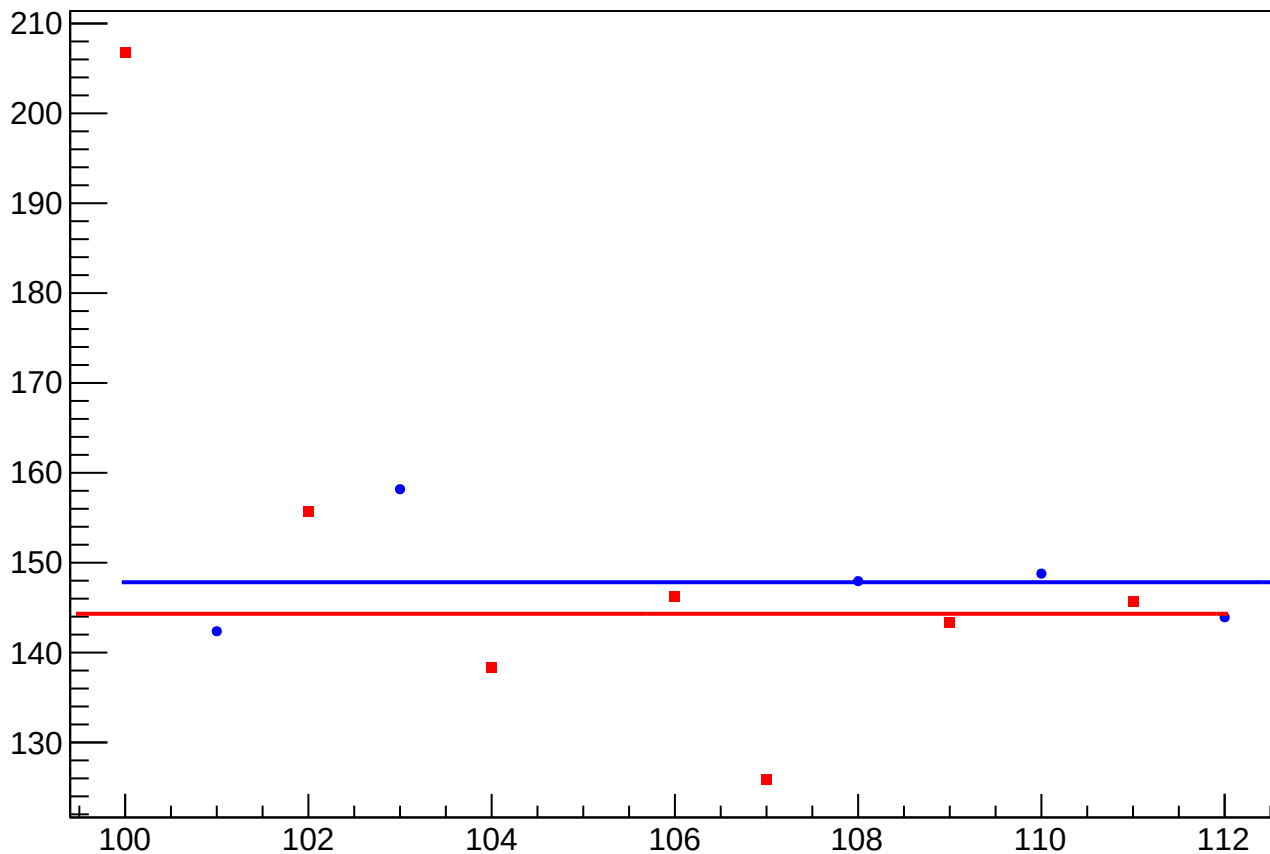
Right: 190.606+/-64.229 χ^2/NDF : 13.6/11

In: 187.643+/-93.493 χ^2/NDF : 2.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 190.606+/-64.229 χ^2/NDF : 13.6/11

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 147.827+/-0.066 χ^2/NDF : 7831.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.315+/-0.063 χ^2/NDF : 32405.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

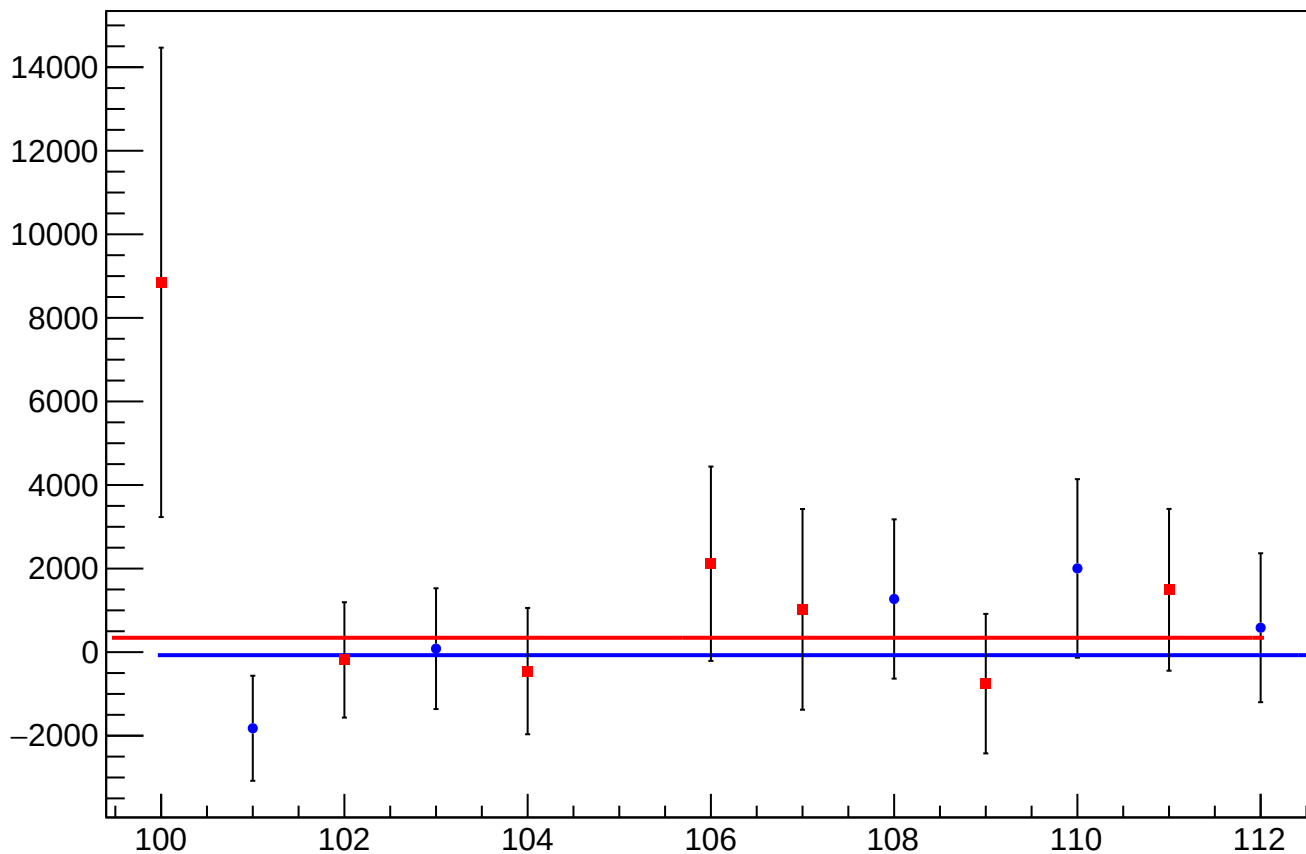
Right: 145.973+/-0.045 χ^2/NDF : 41726.7/11

In: 147.827+/-0.066 χ^2/NDF : 7831.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.973+/-0.045 χ^2/NDF : 41726.7/11

asym_sam_1526_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -72.346 ± 721.574 χ^2/NDF : 3.5/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 343.953 ± 711.062 χ^2/NDF : 4.2/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

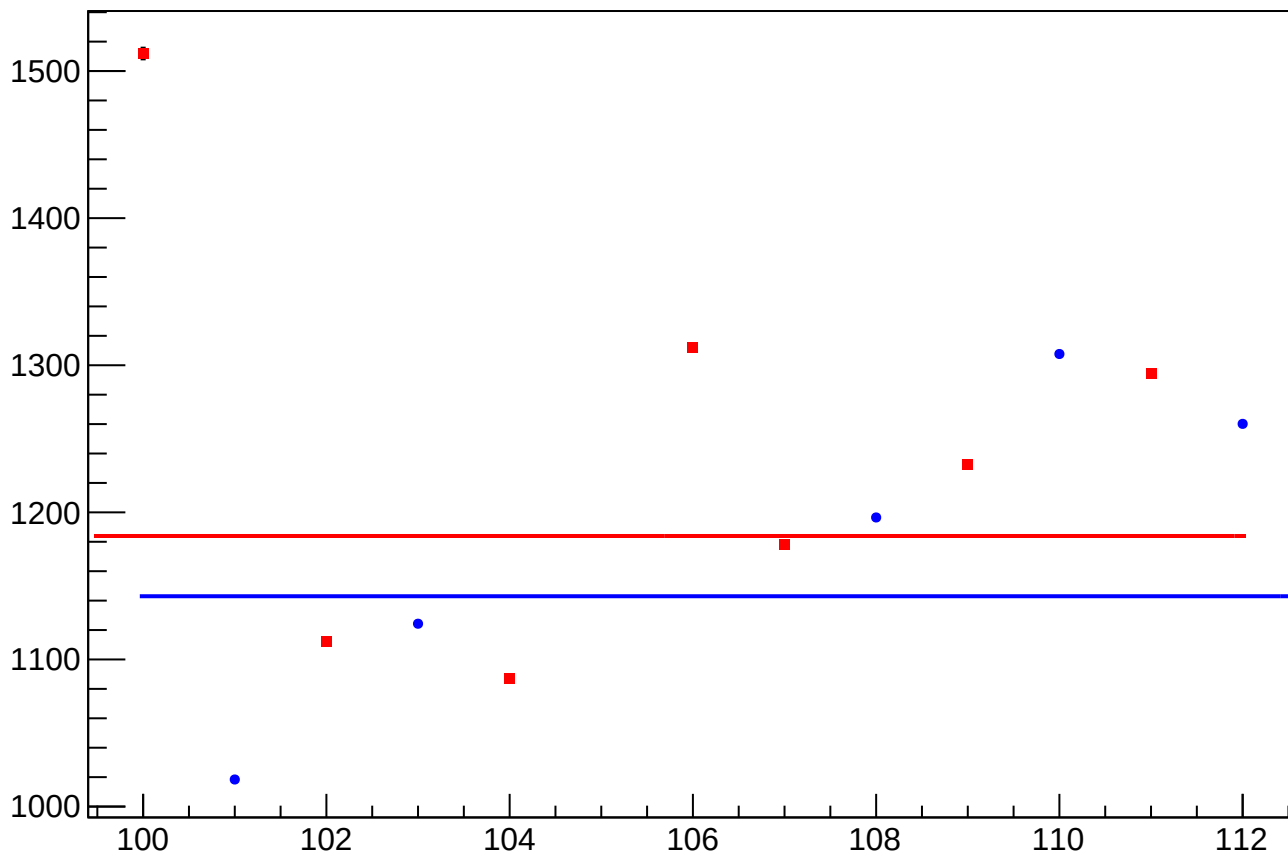
Right: 138.858 ± 506.472 χ^2/NDF : 7.9/11

In: -72.346 ± 721.574 χ^2/NDF : 3.5/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 138.858 ± 506.472 χ^2/NDF : 7.9/11

asym_sam_1526_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1142.977+/-0.510 χ^2/NDF : 42080.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1183.928+/-0.503 χ^2/NDF : 34689.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

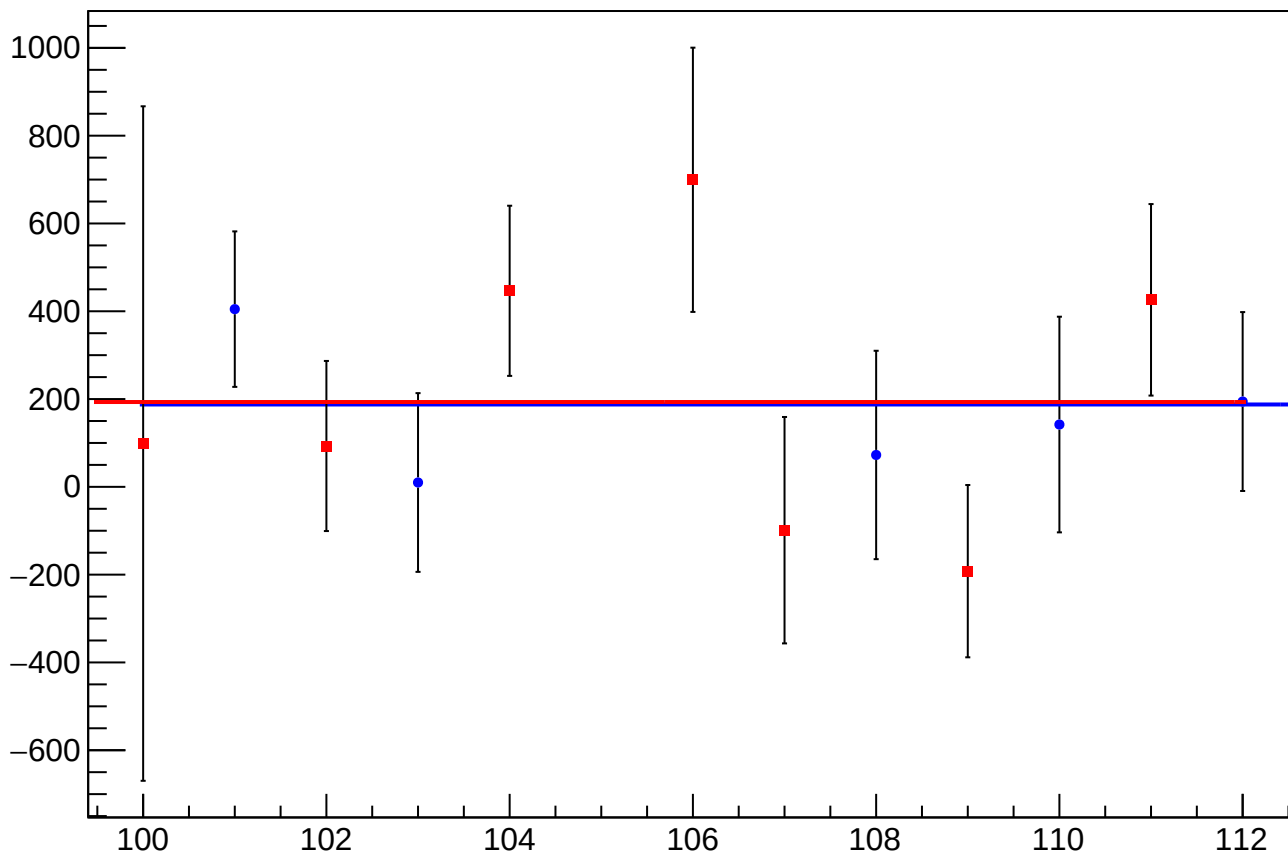
Right: 1163.753+/-0.358 χ^2/NDF : 80038.4/11

In: 1142.977+/-0.510 χ^2/NDF : 42080.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1163.753+/-0.358 χ^2/NDF : 80038.4/11

eigen_dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 187.638+/-93.493 χ^2/NDF : 2.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 193.256+/-88.389 χ^2/NDF : 11.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

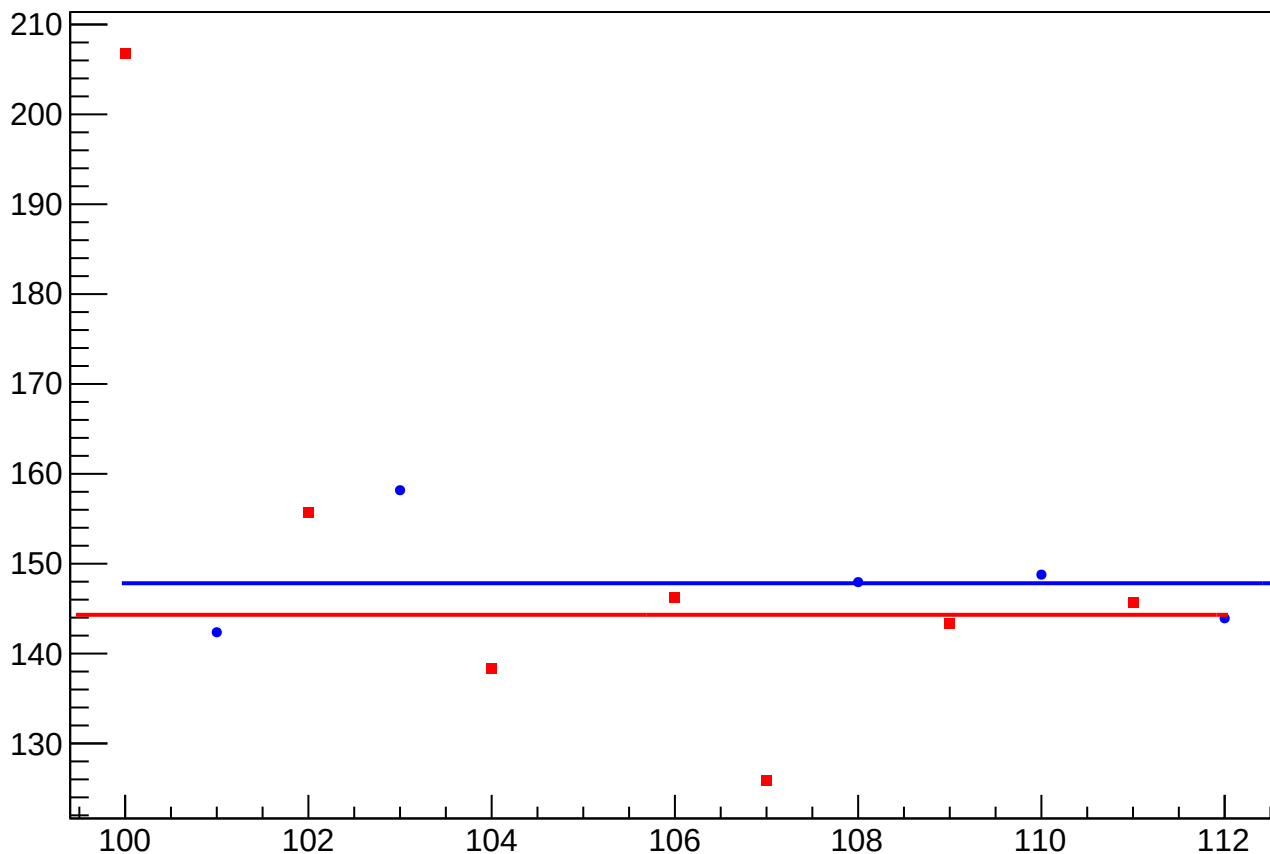
Right: 190.604+/-64.229 χ^2/NDF : 13.6/11

In: 187.638+/-93.493 χ^2/NDF : 2.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 190.604+/-64.229 χ^2/NDF : 13.6/11

eigen_dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 147.826+/-0.066 χ^2/NDF : 7830.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.315+/-0.063 χ^2/NDF : 32404.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

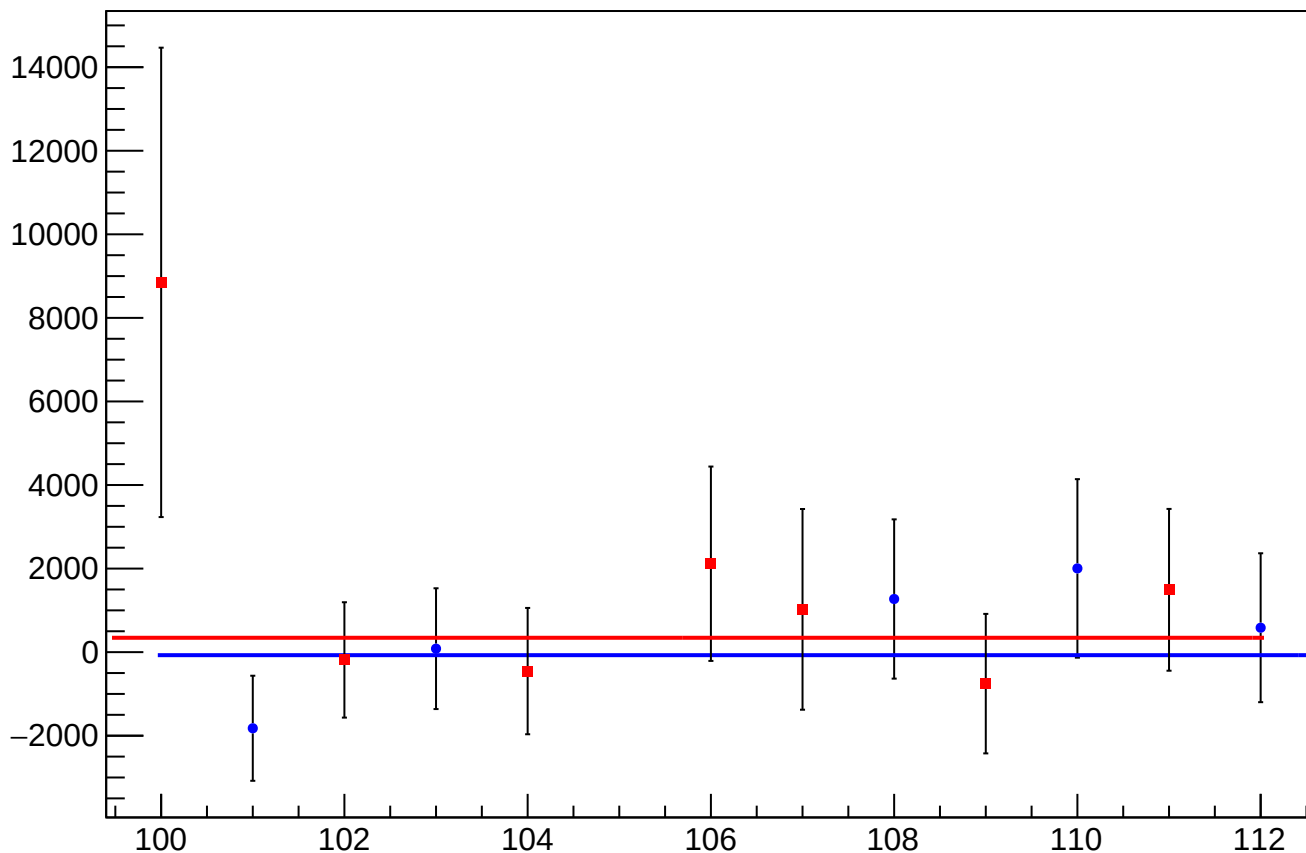
Right: 145.972+/-0.045 χ^2/NDF : 41725.3/11

In: 147.826+/-0.066 χ^2/NDF : 7830.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.972+/-0.045 χ^2/NDF : 41725.3/11

asym_sam_1526_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -72.346+/-721.572 χ^2/NDF : 3.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 343.953+/-711.060 χ^2/NDF : 4.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

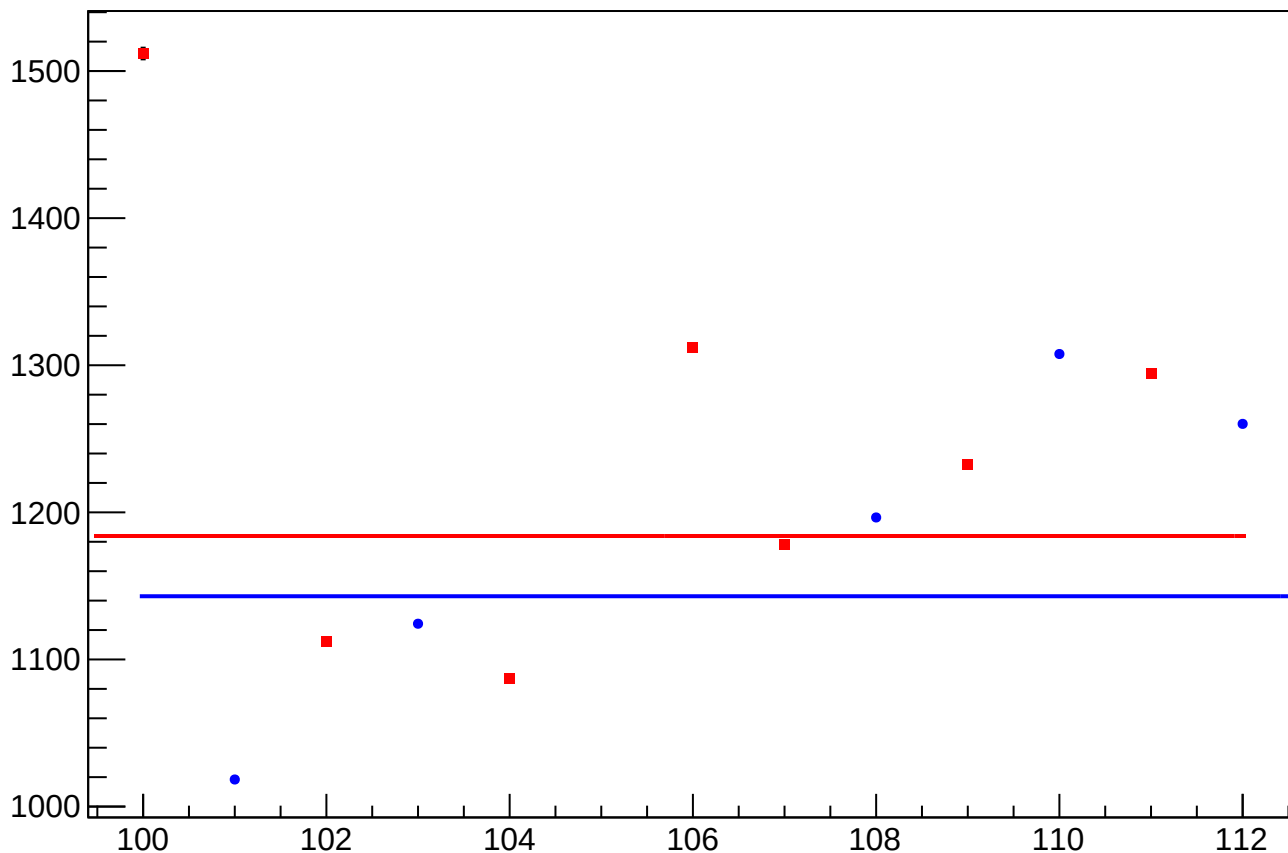
Right: 138.858+/-506.471 χ^2/NDF : 7.9/11

In: -72.346+/-721.572 χ^2/NDF : 3.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.858+/-506.471 χ^2/NDF : 7.9/11

asym_sam_1526_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1142.974 $\pm$ 0.510 χ^2 /NDF: 42078.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1183.924 $\pm$ 0.503 χ^2 /NDF: 34690.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

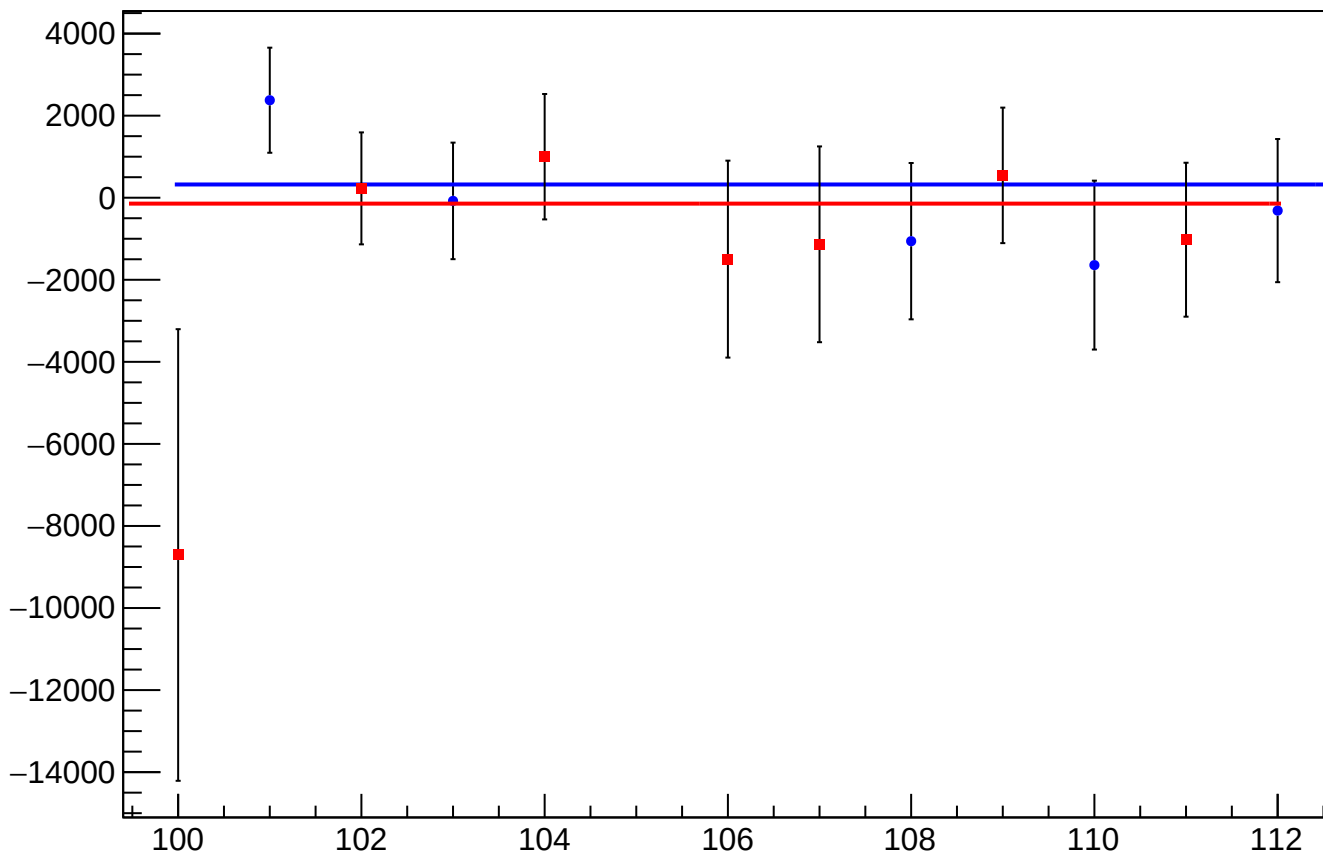
Right: 1163.749 $\pm$ 0.358 χ^2 /NDF: 80036.7/11

In: 1142.974 $\pm$ 0.510 χ^2 /NDF:42078.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1163.749 $\pm$ 0.358 χ^2 /NDF: 80036.7/11

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 322.827+/-716.921 χ^2/NDF : 4.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -143.866+/-707.372 χ^2/NDF : 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

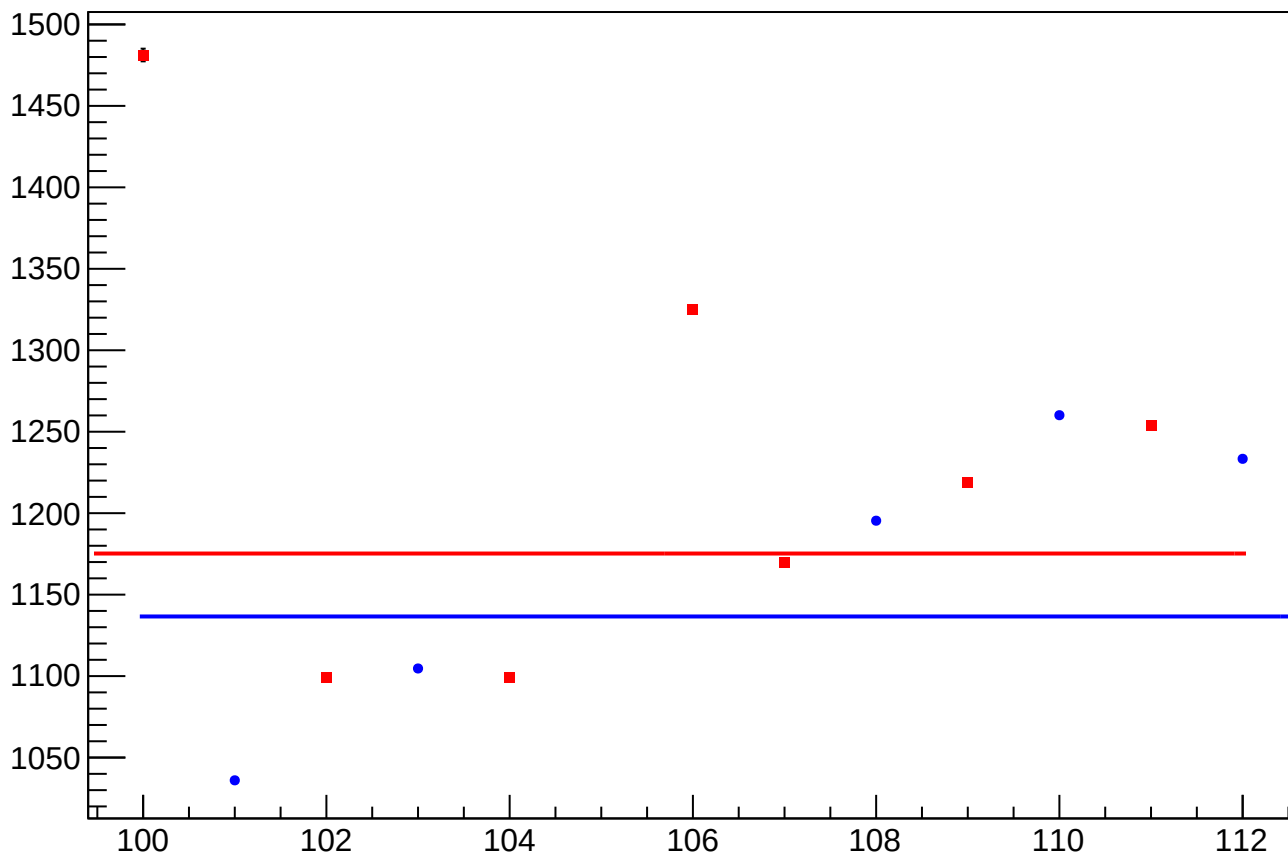
Right: 86.352+/-503.530 χ^2/NDF : 8.4/11

In: 322.827+/-716.921 χ^2/NDF : 4.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.352+/-503.530 χ^2/NDF : 8.4/11

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 1136.599 $\pm$ 0.507 χ^2 /NDF: 28608.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1175.235 $\pm$ 0.500 χ^2 /NDF: 30042.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

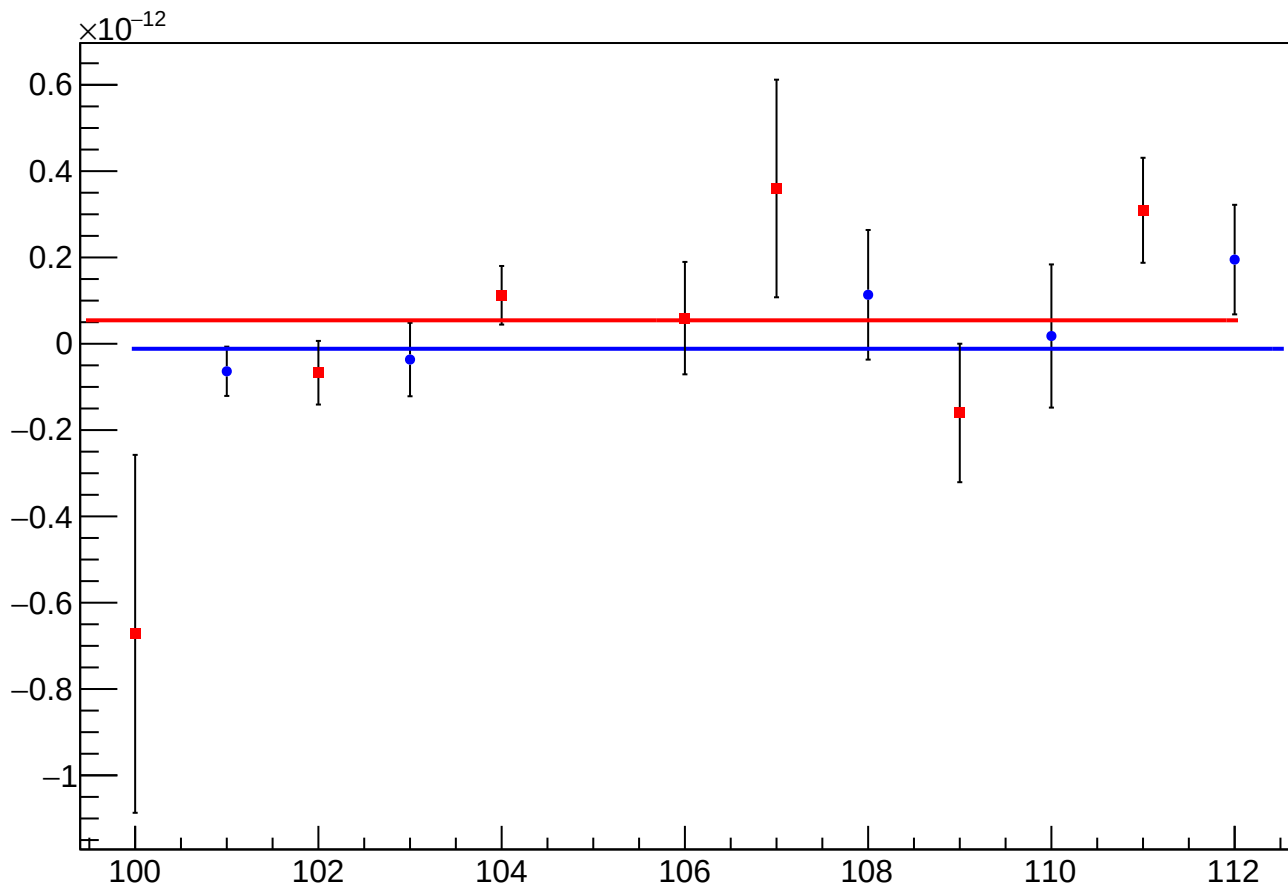
Right: 1156.176 $\pm$ 0.356 χ^2 /NDF: 61593.7/11

In: 1136.599 $\pm$ 0.507 χ^2 /NDF:28608.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1156.176 $\pm$ 0.356 χ^2 /NDF: 61593.7/11

asym_sam_1526_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

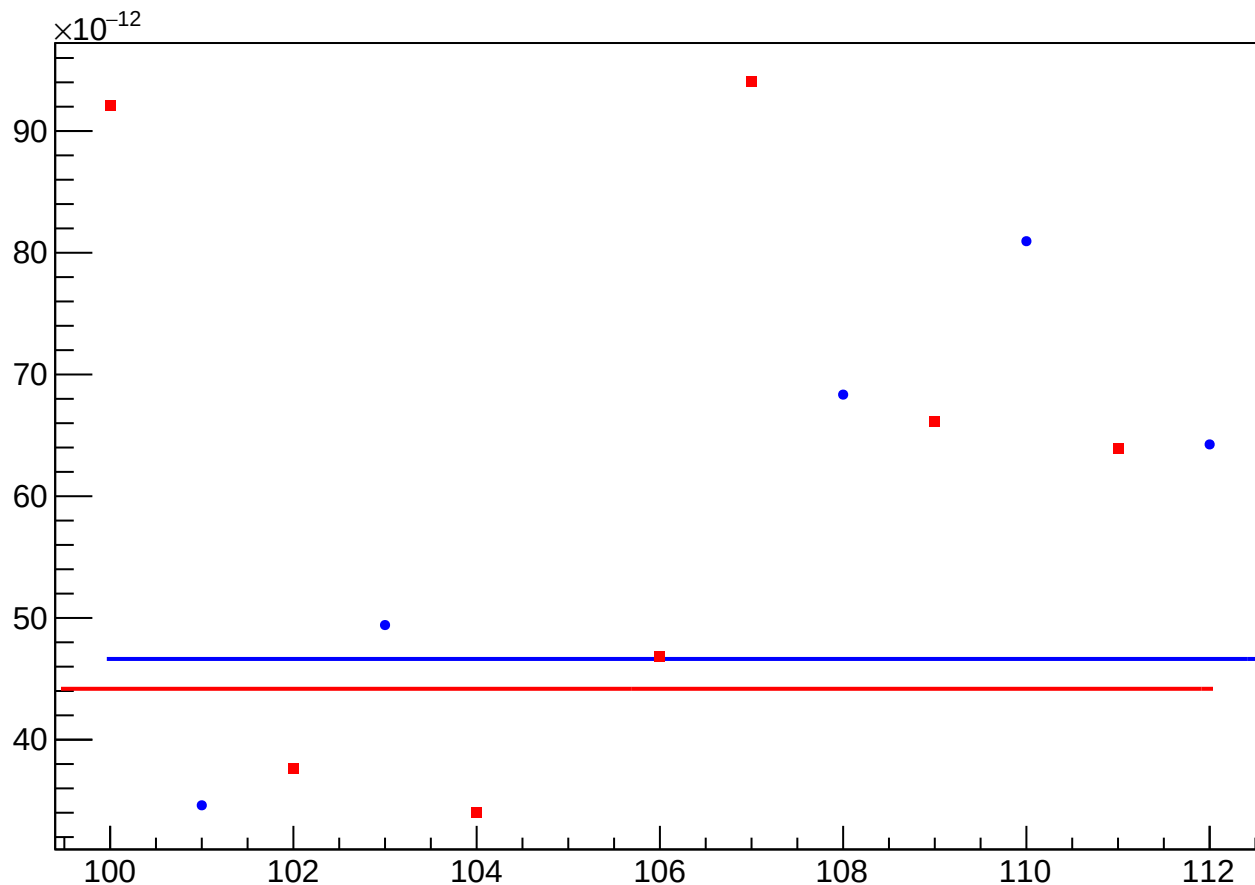
Right: 0.000+/-0.000 χ^2/NDF : 19.7/11

In: -0.000+/-0.000 χ^2/NDF : 4.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.7/11

asym_sam_1526_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 256782.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 256541.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

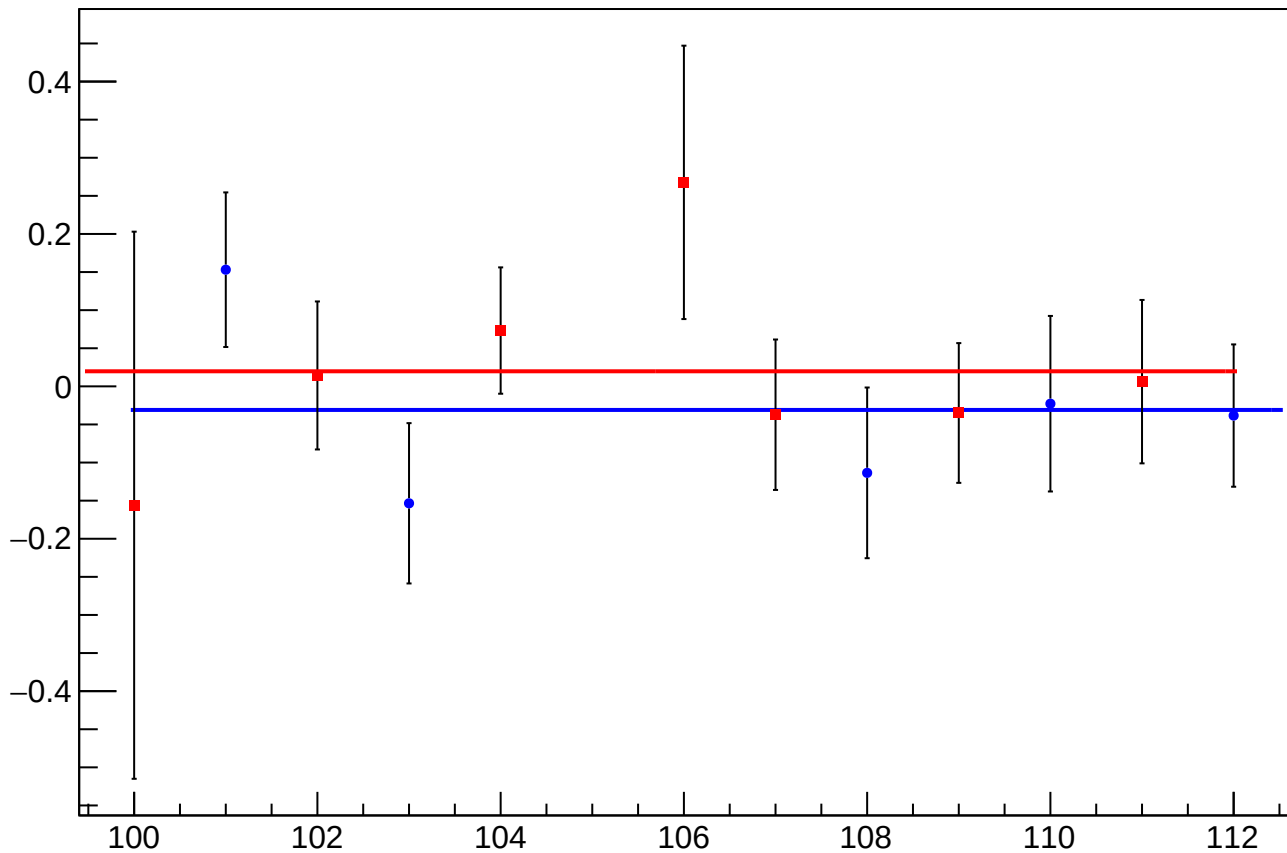
Right: 0.000+/-0.000 χ^2/NDF : 516856.2/11

In: 0.000+/-0.000 χ^2/NDF : 256782.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 516856.2/11

asym_sam_1526_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031 $\pm$ 0.047 χ^2 /NDF: 5.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.020 $\pm$ 0.041 χ^2 /NDF: 3.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

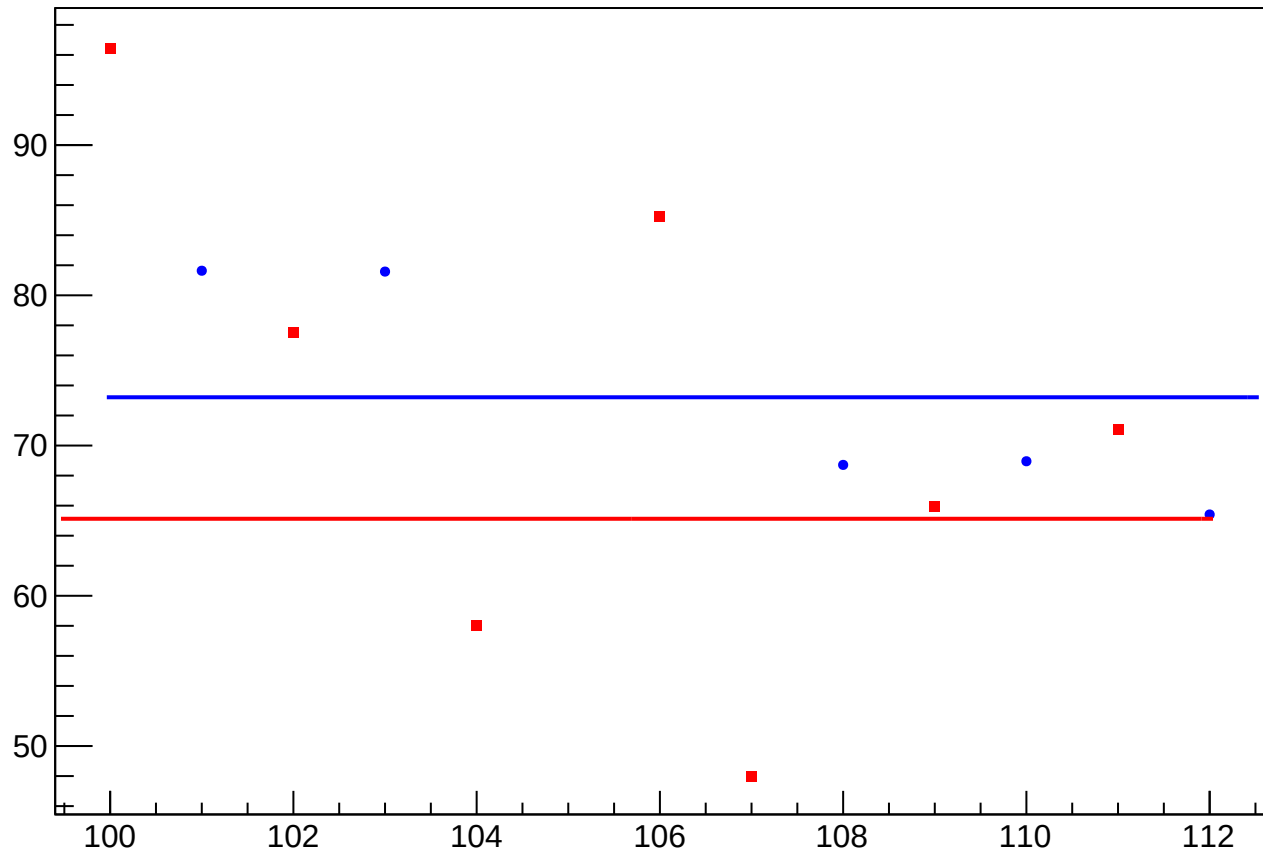
Right: -0.002 $\pm$ 0.031 χ^2 /NDF: 9.1/11

In: -0.031 $\pm$ 0.047 χ^2 /NDF:5.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.002 $\pm$ 0.031 χ^2 /NDF: 9.1/11

asym_sam_1526_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.214+/-0.033 χ^2/NDF : 46358.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.126+/-0.029 χ^2/NDF : 154637.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

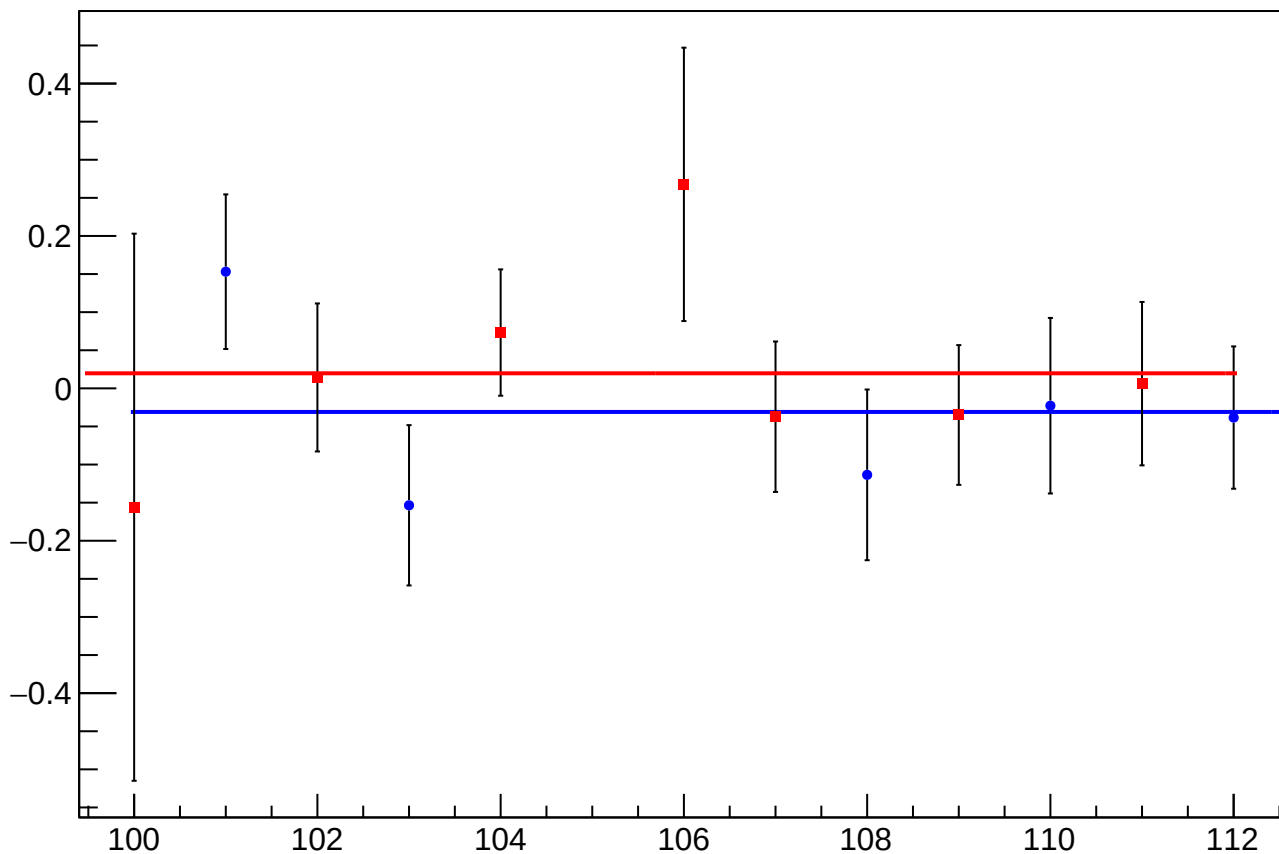
Right: 68.628+/-0.022 χ^2/NDF : 234914.4/11

In: 73.214+/-0.033 χ^2/NDF : 46358.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.628+/-0.022 χ^2/NDF : 234914.4/11

asym_sam_1526_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031 $\pm$ 0.047 χ^2 /NDF: 5.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.020 $\pm$ 0.041 χ^2 /NDF: 3.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

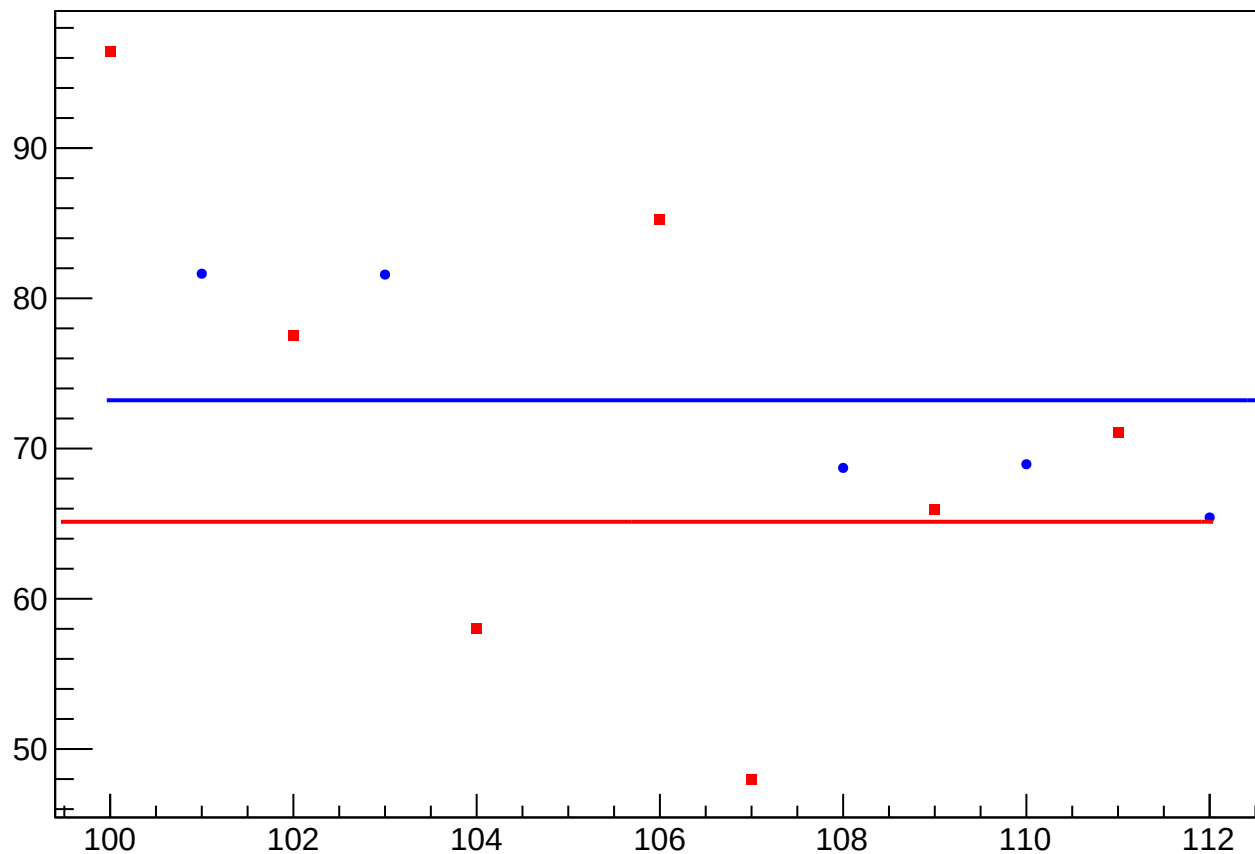
Right: -0.002 $\pm$ 0.031 χ^2 /NDF: 9.1/11

In: -0.031 $\pm$ 0.047 χ^2 /NDF:5.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.002 $\pm$ 0.031 χ^2 /NDF: 9.1/11

asym_sam_1526_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.214+/-0.033 χ^2/NDF : 46358.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.126+/-0.029 χ^2/NDF : 154637.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

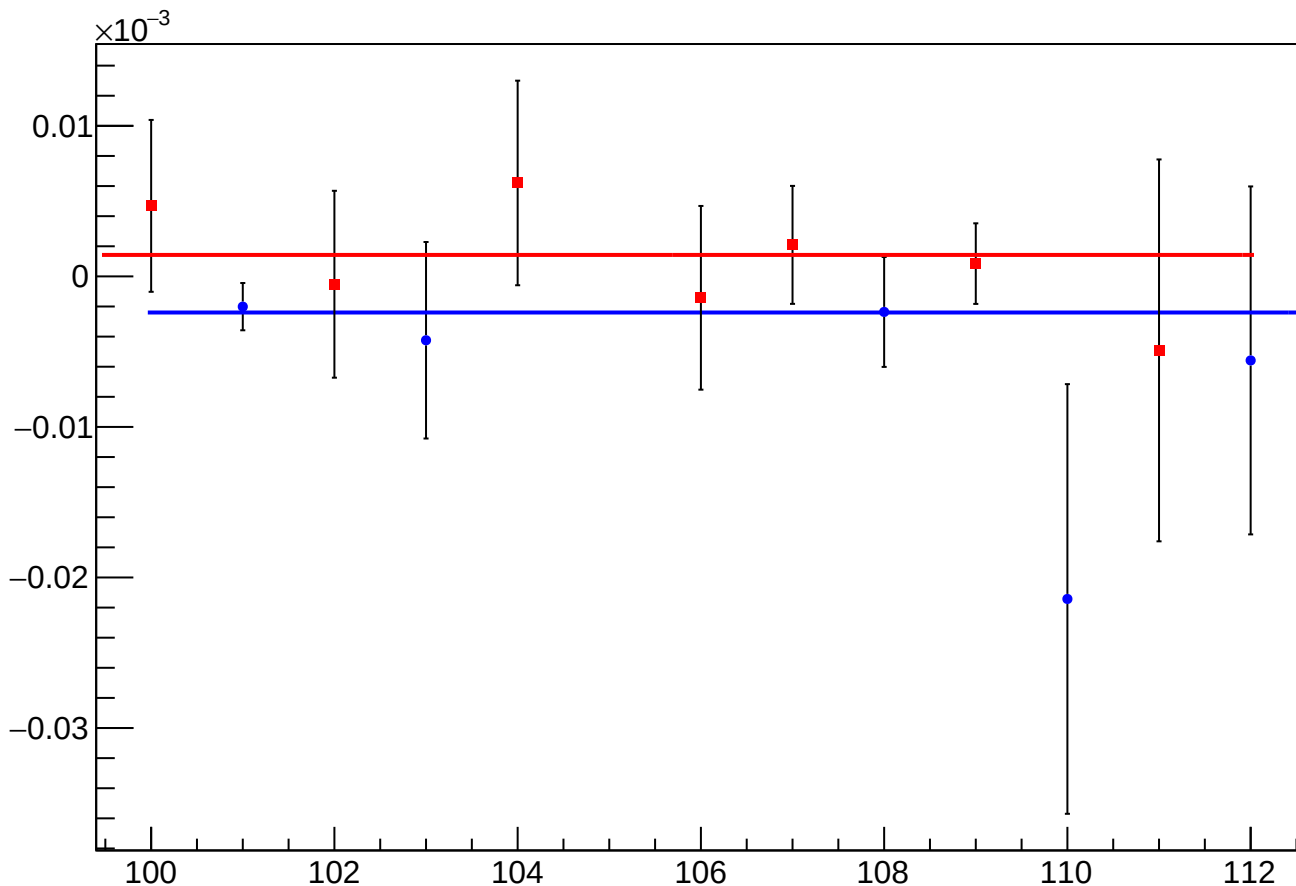
Right: 68.628+/-0.022 χ^2/NDF : 234914.4/11

In: 73.214+/-0.033 χ^2/NDF : 46358.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.628+/-0.022 χ^2/NDF : 234914.4/11

asym_sam_1526_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

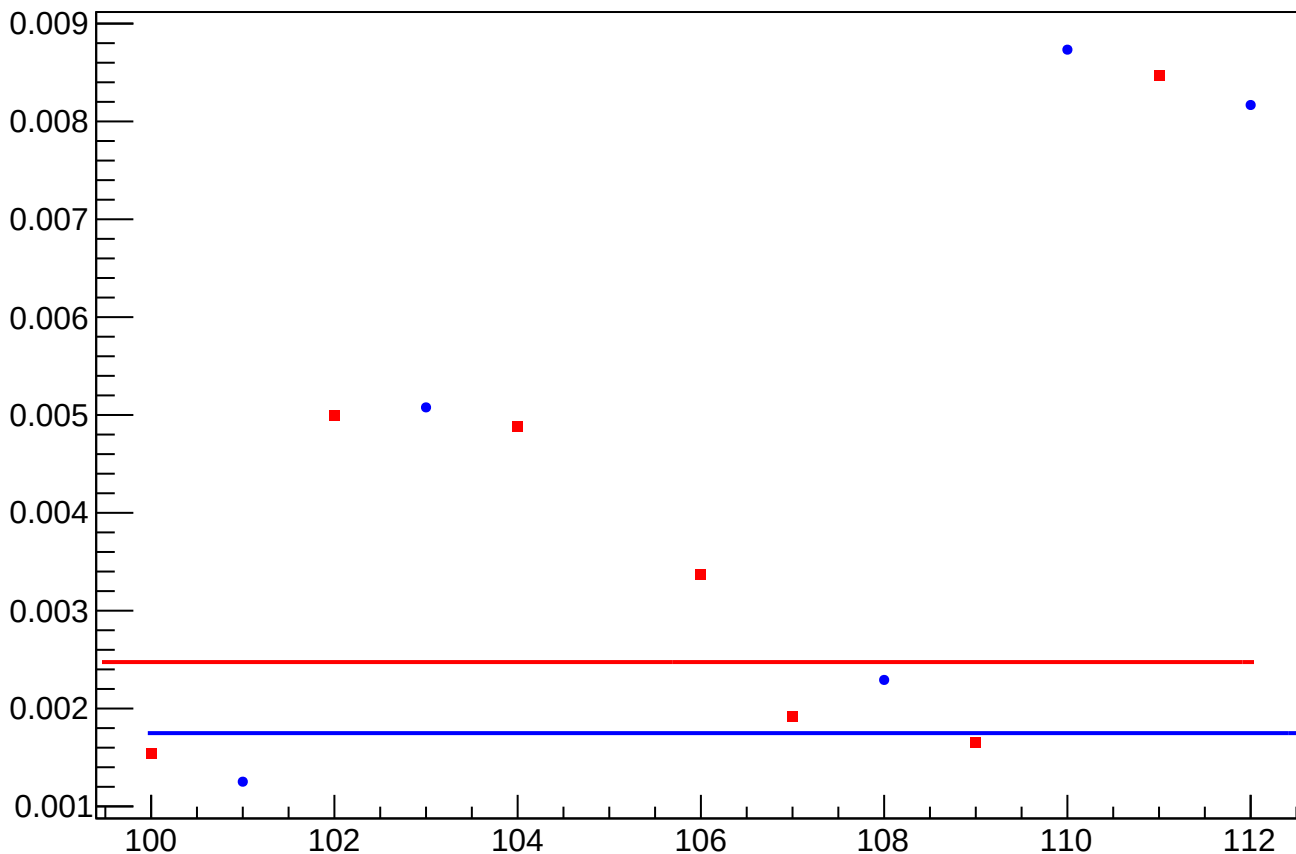
Right: -0.000+/-0.000 χ^2/NDF : 6.3/11

In: -0.000+/-0.000 χ^2/NDF : 2.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.3/11

asym_sam_1526_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1860602.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1352376.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

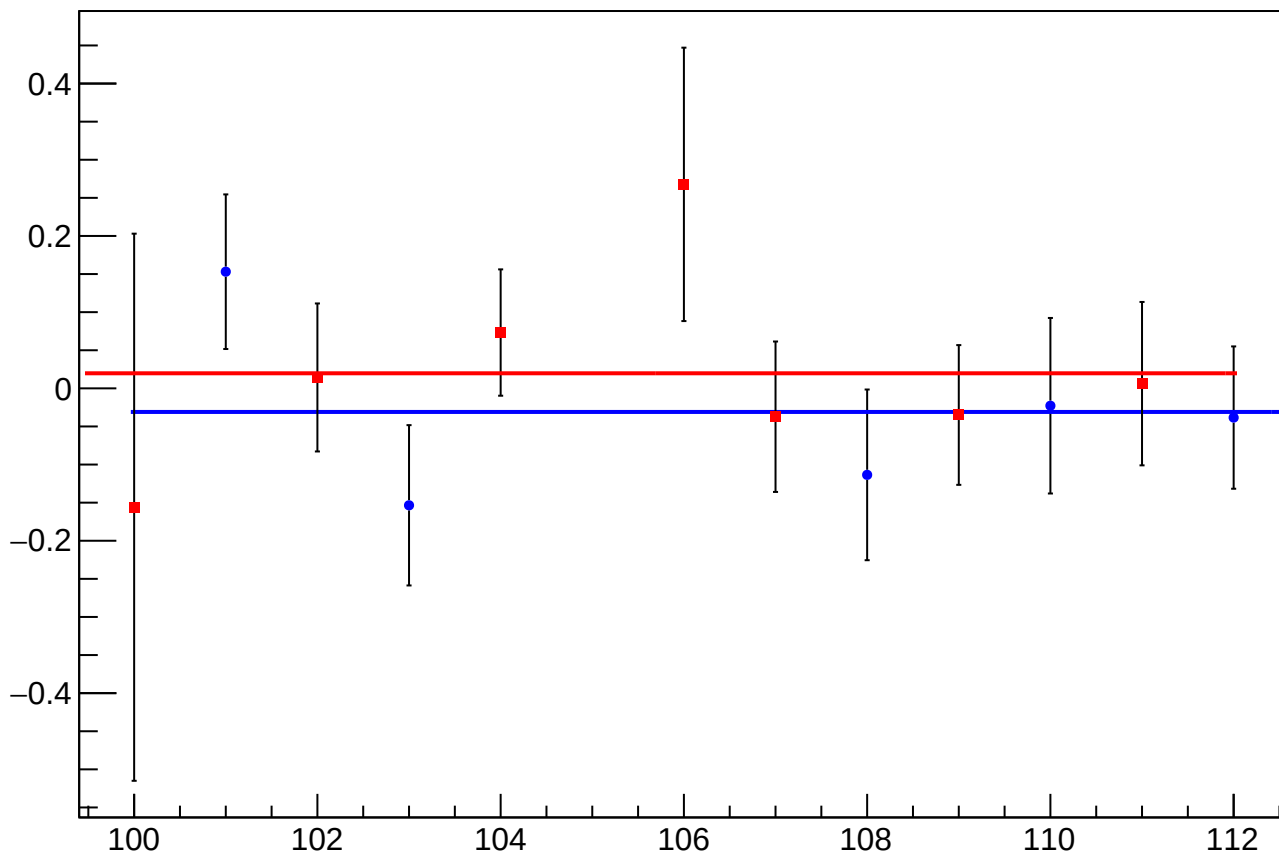
Right: 0.002+/-0.000 χ^2/NDF : 3419771.1/11

In: 0.002+/-0.000 χ^2/NDF : 1860602.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3419771.1/11

asym_sam_1526_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031 $\pm$ 0.047 χ^2 /NDF: 5.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.020 $\pm$ 0.041 χ^2 /NDF: 3.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

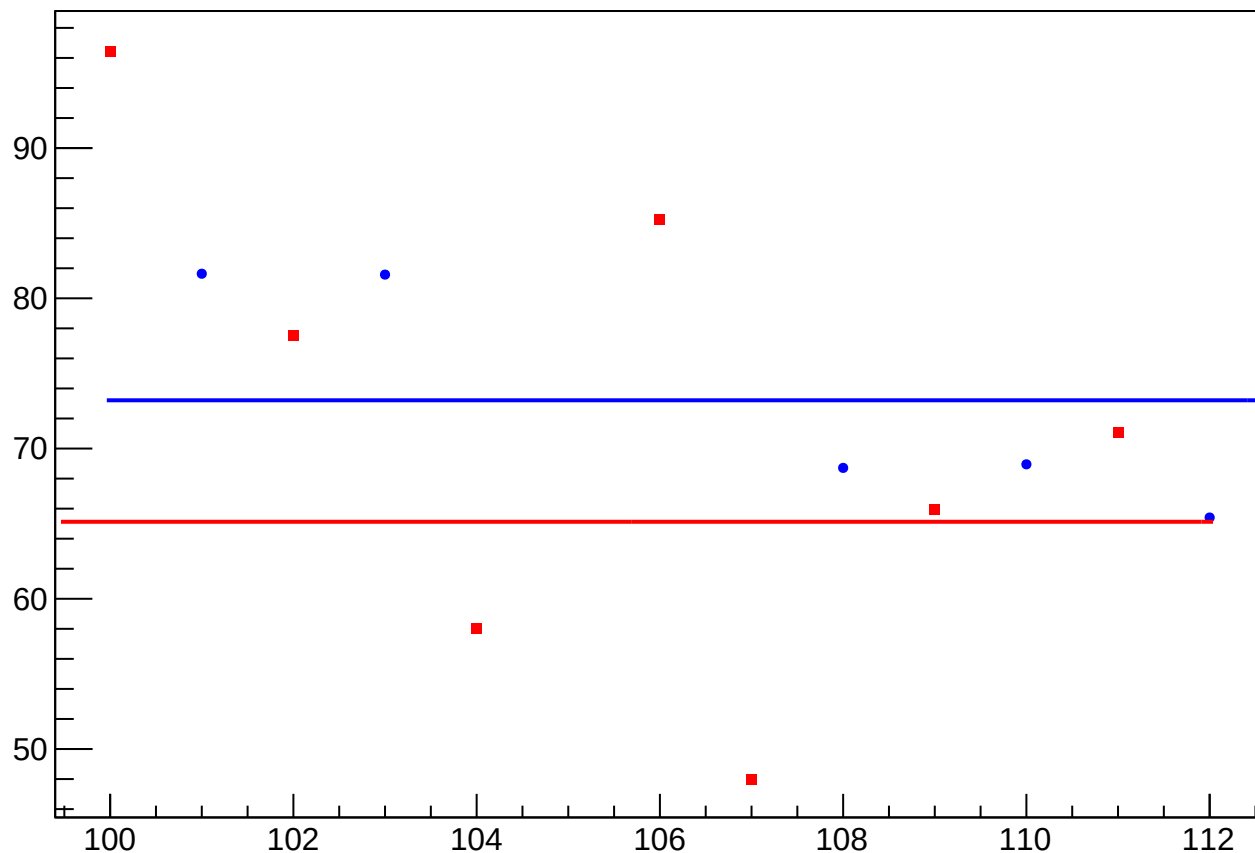
Right: -0.002 $\pm$ 0.031 χ^2 /NDF: 9.1/11

In: -0.031 $\pm$ 0.047 χ^2 /NDF:5.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.002 $\pm$ 0.031 χ^2 /NDF: 9.1/11

asym_sam_1526_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.212+/-0.033 χ^2/NDF : 46371.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.125+/-0.029 χ^2/NDF : 154625.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

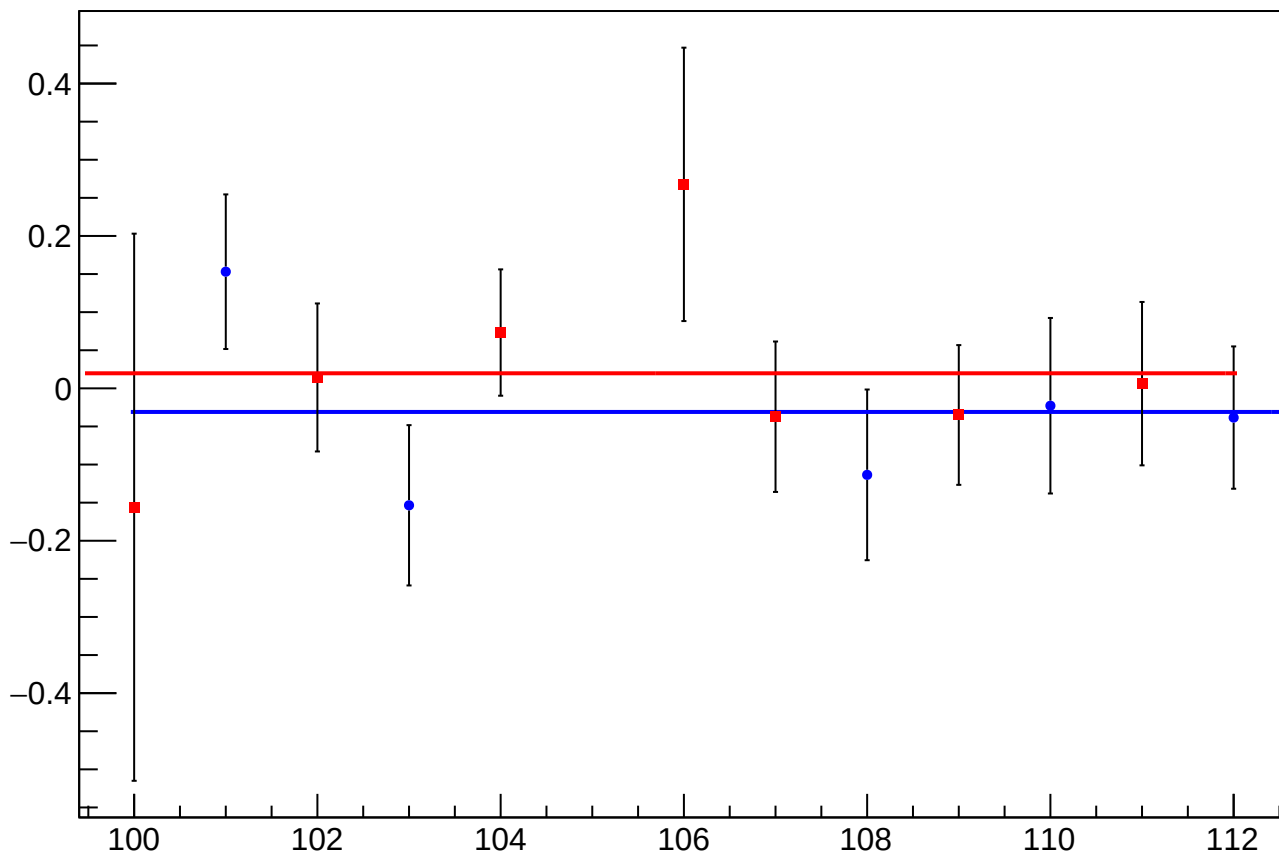
Right: 68.626+/-0.022 χ^2/NDF : 234910.0/11

In: 73.212+/-0.033 χ^2/NDF : 46371.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.626+/-0.022 χ^2/NDF : 234910.0/11

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031+/-0.047 χ^2/NDF : 5.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.020+/-0.041 χ^2/NDF : 3.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

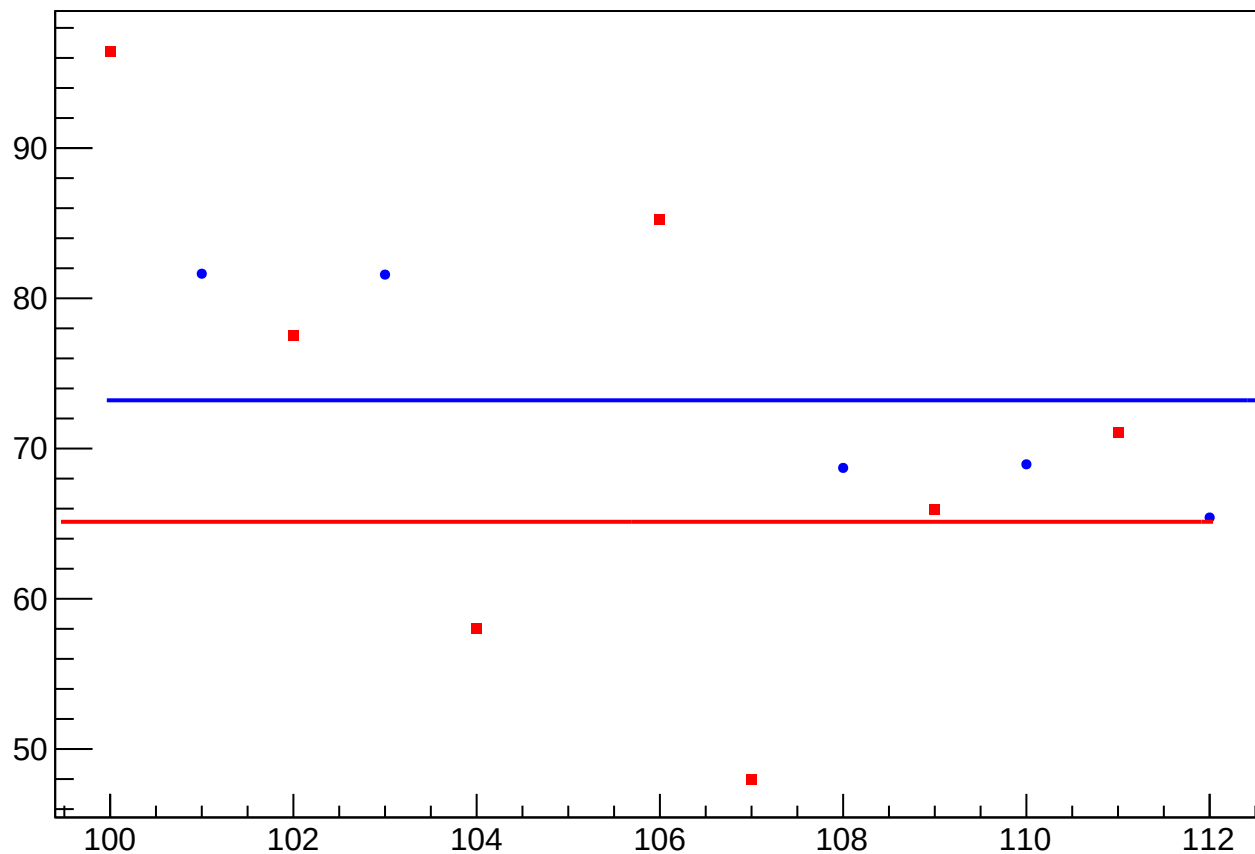
Right: -0.002+/-0.031 χ^2/NDF : 9.1/11

In: -0.031+/-0.047 χ^2/NDF : 5.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.002+/-0.031 χ^2/NDF : 9.1/11

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.212+/-0.033 χ^2/NDF : 46371.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.125+/-0.029 χ^2/NDF : 154625.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

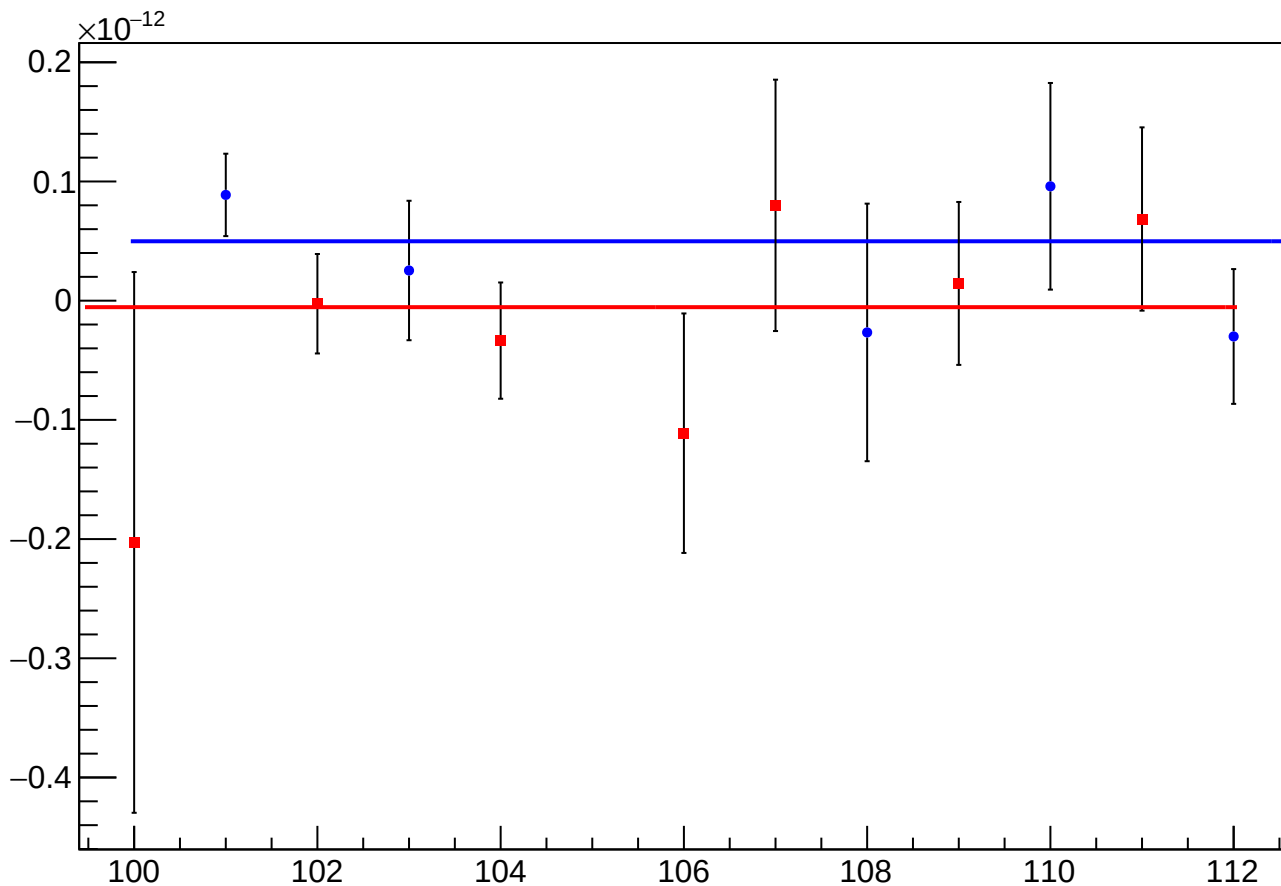
Right: 68.626+/-0.022 χ^2/NDF : 234910.0/11

In: 73.212+/-0.033 χ^2/NDF : 46371.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.626+/-0.022 χ^2/NDF : 234910.0/11

asym_sam_1526_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

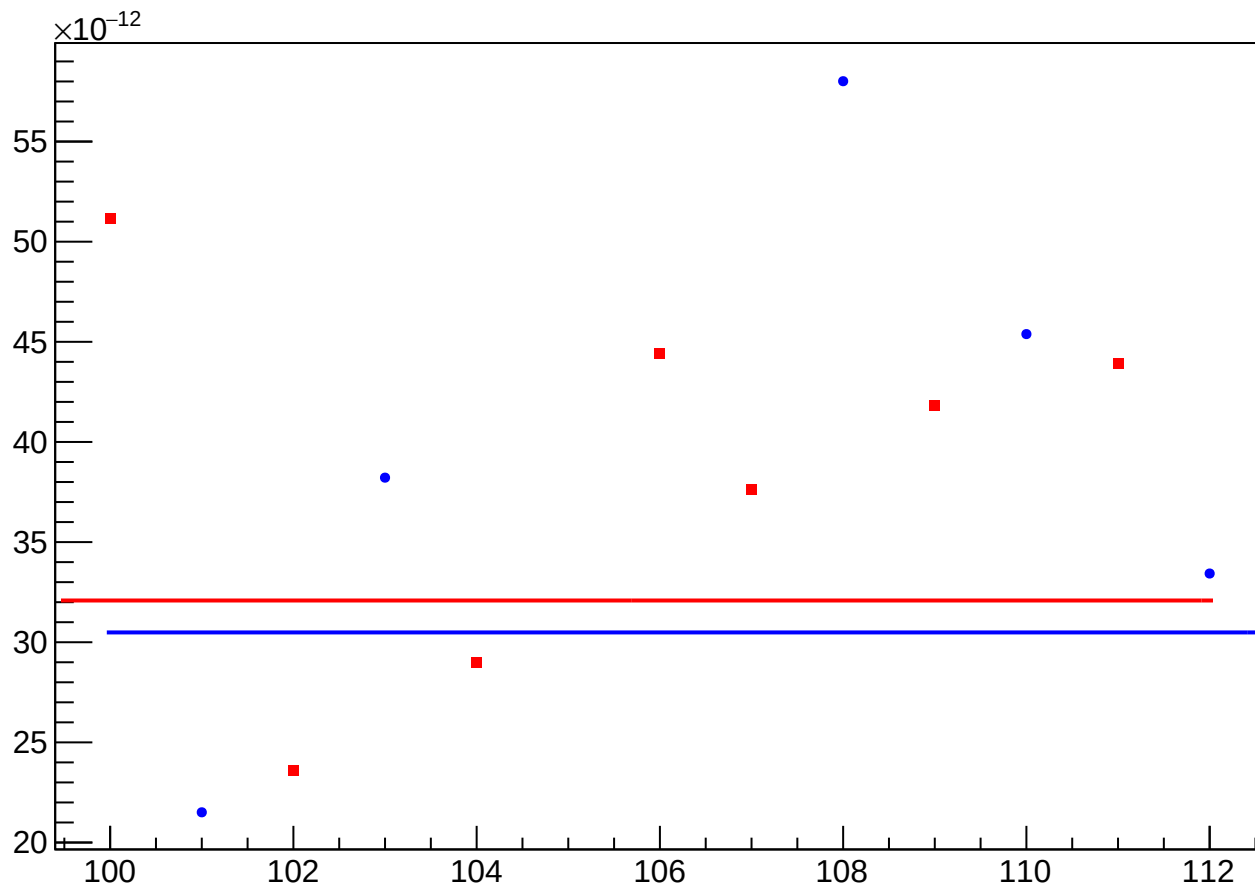
Right: 0.000+/-0.000 χ^2/NDF : 10.6/11

In: 0.000+/-0.000 χ^2/NDF : 4.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.6/11

asym_sam_1526_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 364256.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 228899.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

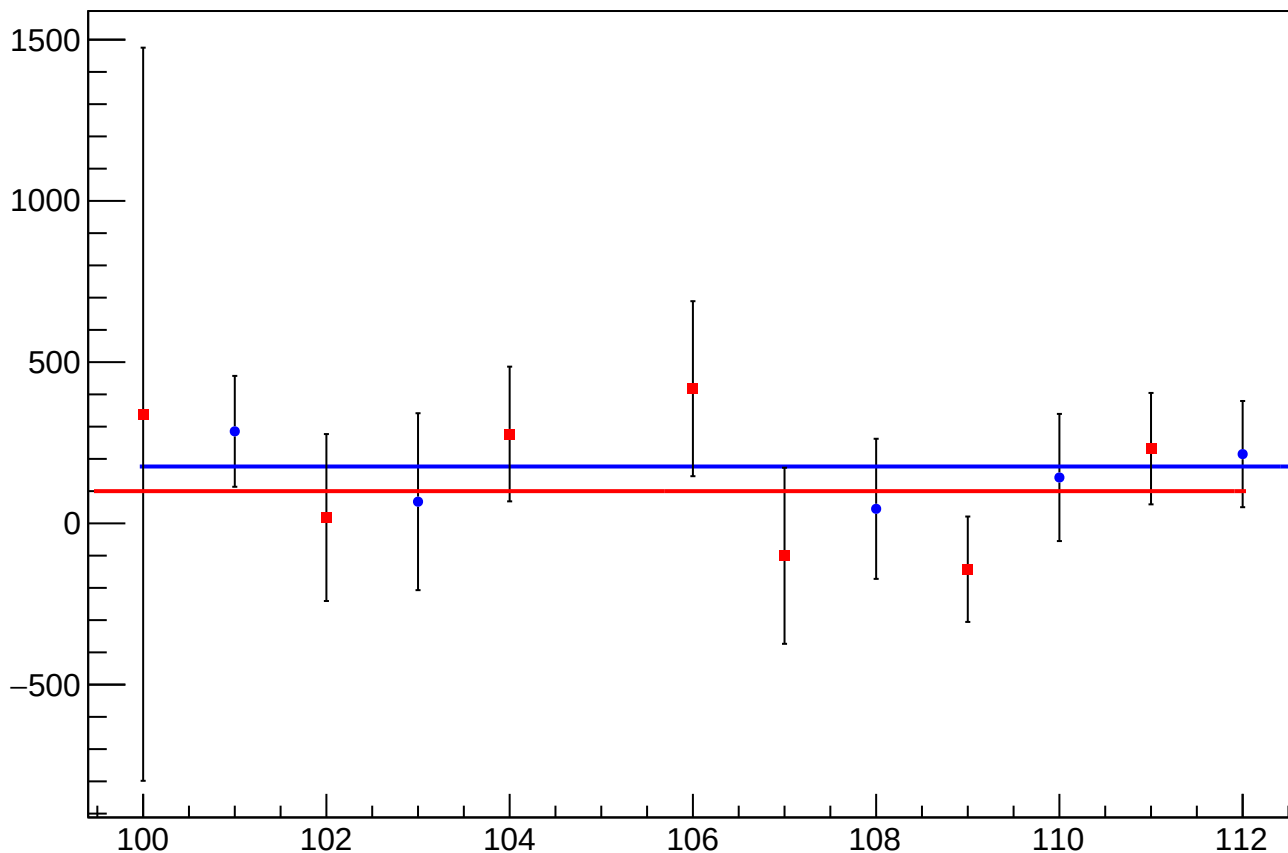
Right: 0.000+/-0.000 χ^2/NDF : 597282.5/11

In: 0.000+/-0.000 χ^2/NDF : 364256.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 597282.5/11

reg_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 176.387 $\pm$ 87.398 χ^2 /NDF: 1.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 99.976 $\pm$ 85.571 χ^2 /NDF: 5.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

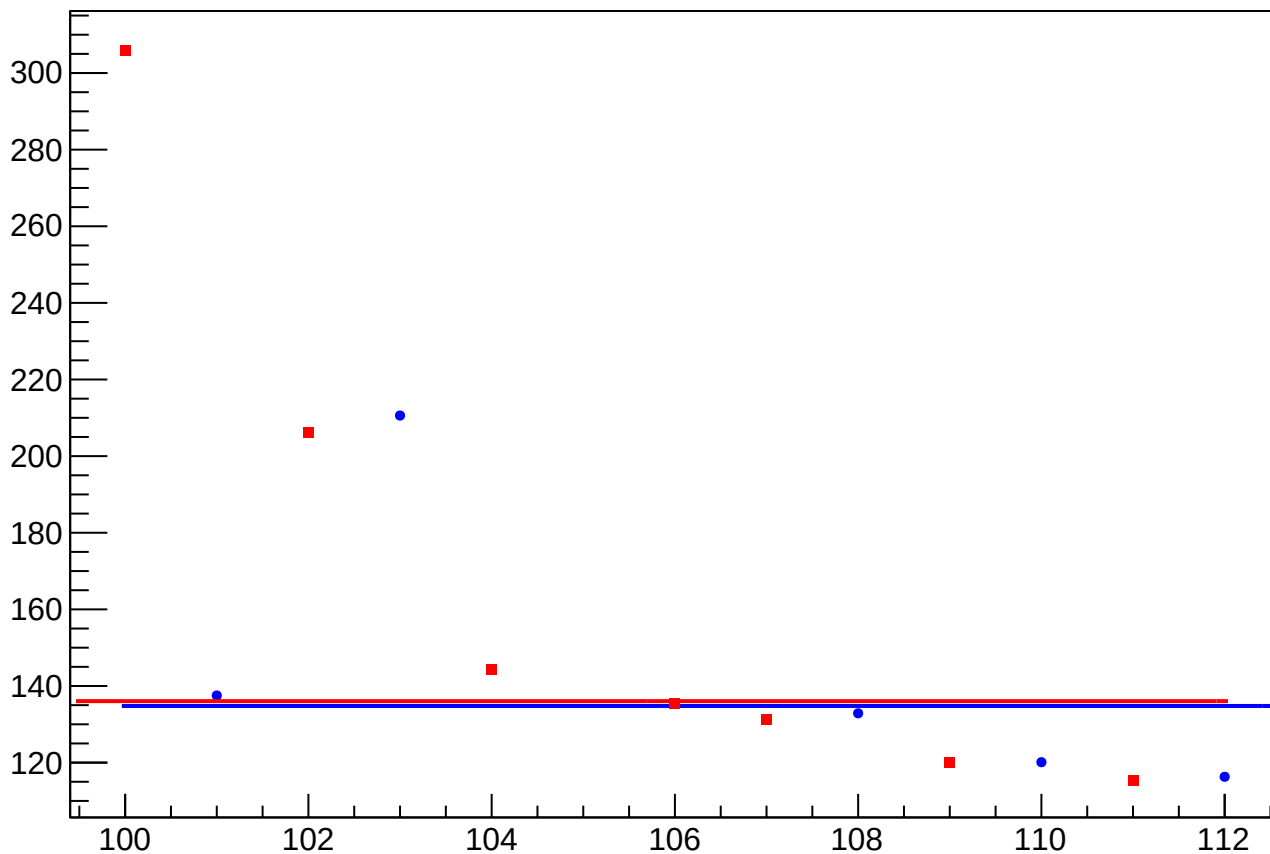
Right: 137.375 $\pm$ 61.144 χ^2 /NDF: 7.0/11

In: 176.387 $\pm$ 87.398 χ^2 /NDF: 1.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 137.375 $\pm$ 61.144 χ^2 /NDF: 7.0/11

reg_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 134.790 $\pm$ 0.062 χ^2 /NDF: 189669.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 136.052 $\pm$ 0.061 χ^2 /NDF: 242910.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

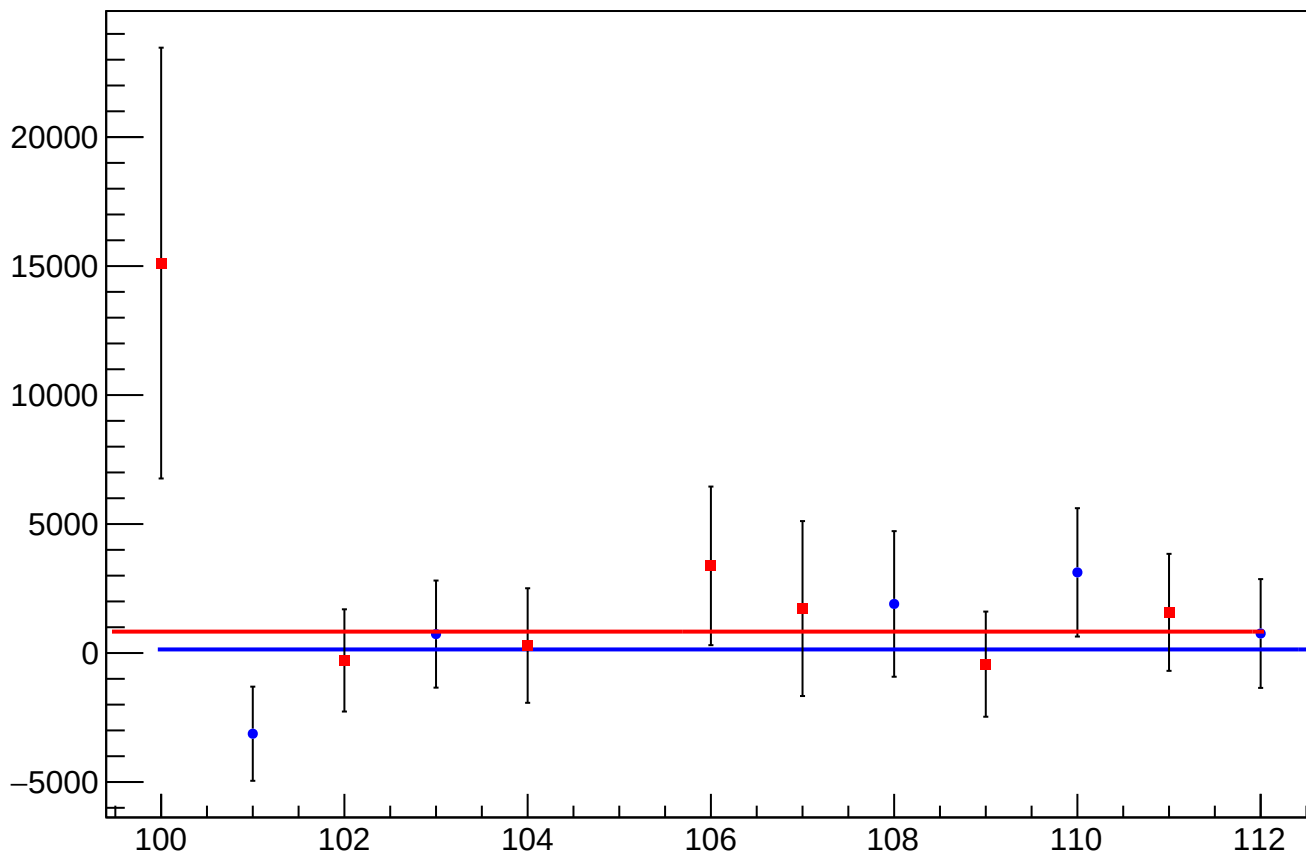
Right: 135.434 $\pm$ 0.043 χ^2 /NDF: 432793.0/11

In: 134.790 $\pm$ 0.062 χ^2 /NDF:189669.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 135.434 $\pm$ 0.043 χ^2 /NDF: 432793.0/11

asym_sam_3726_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 138.992 $\pm$ 978.531 χ^2 /NDF: 5.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 830.136 $\pm$ 953.515 χ^2 /NDF: 4.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

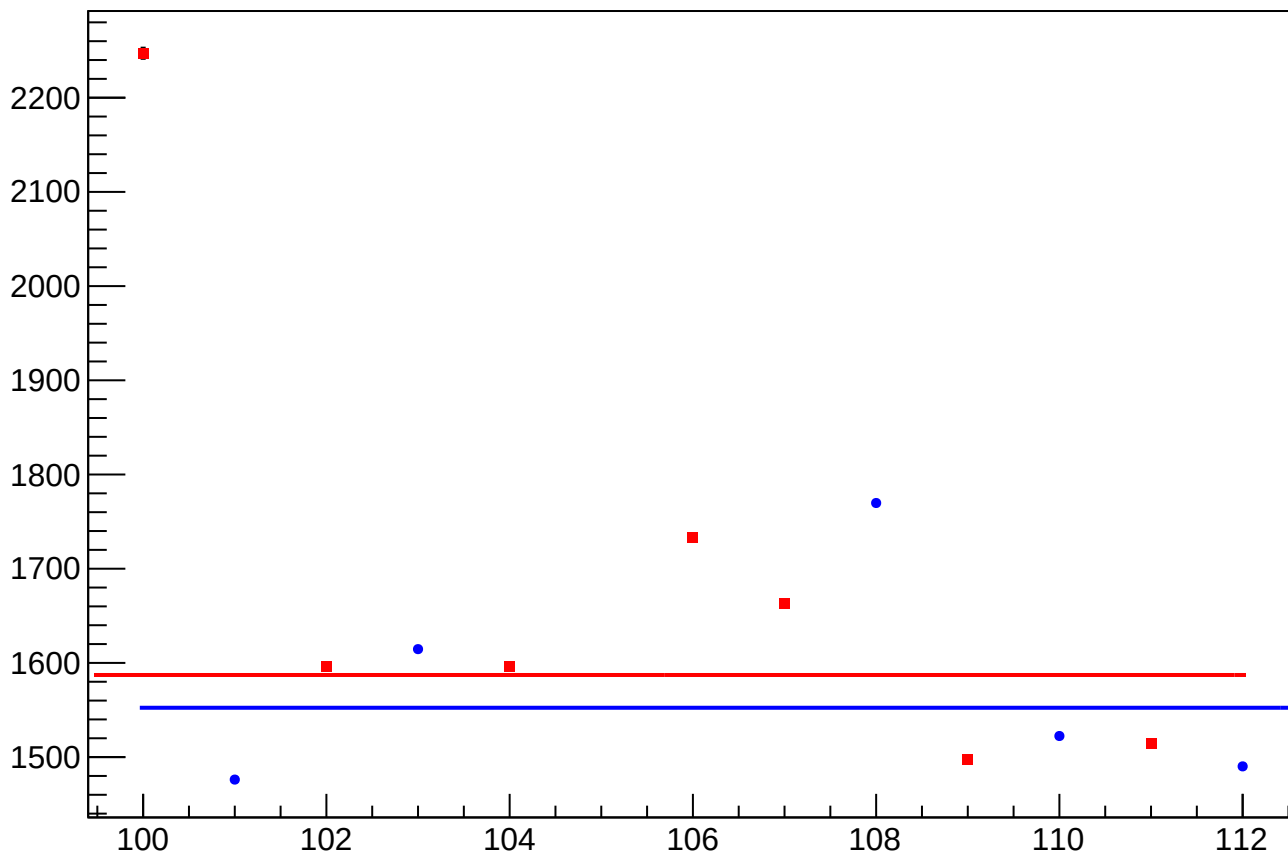
Right: 493.511 $\pm$ 682.909 χ^2 /NDF: 10.0/11

In: 138.992 $\pm$ 978.531 χ^2 /NDF:5.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 493.511 $\pm$ 682.909 χ^2 /NDF: 10.0/11

asym_sam_3726_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1552.394+/-0.692 χ^2/NDF : 19186.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1587.177+/-0.674 χ^2/NDF : 23961.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

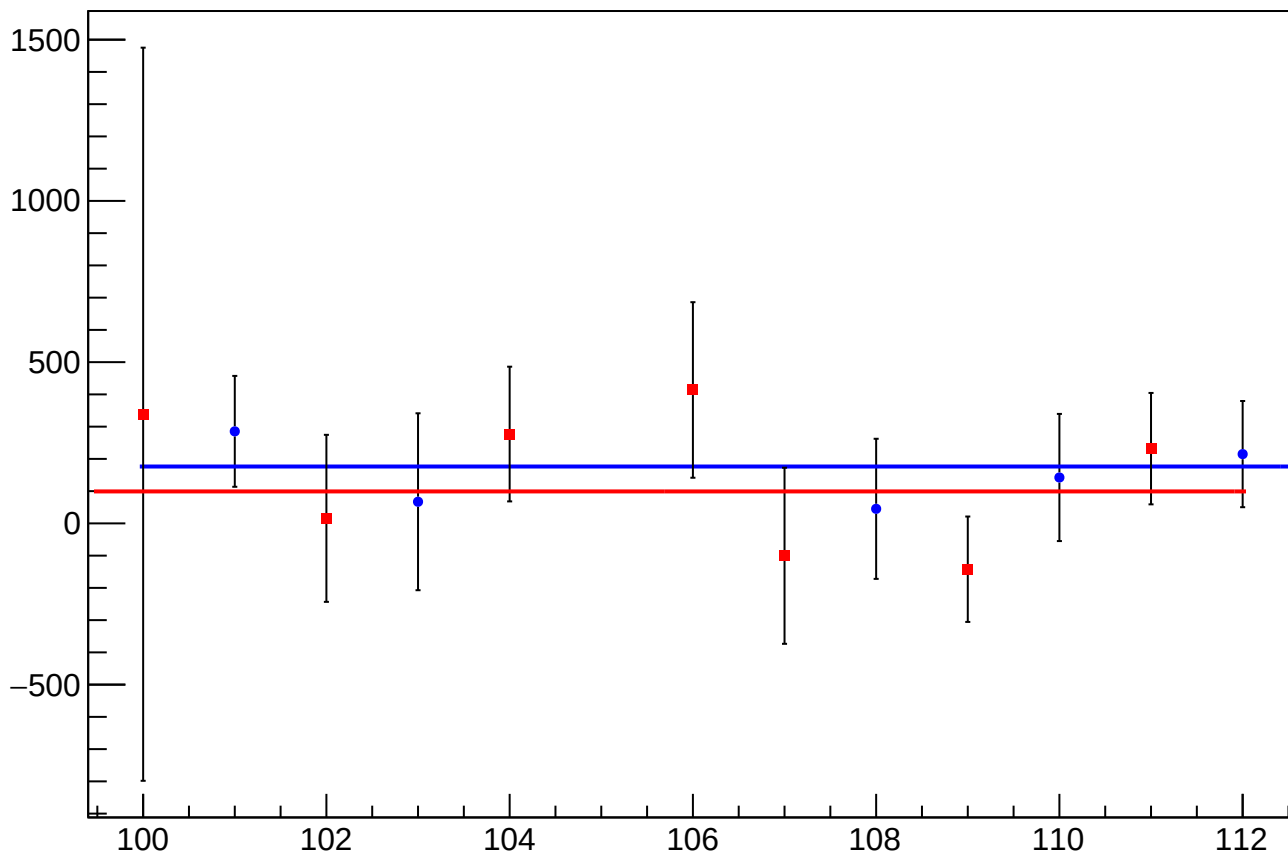
Right: 1570.236+/-0.483 χ^2/NDF : 44444.8/11

In: 1552.394+/-0.692 χ^2/NDF : 19186.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1570.236+/-0.483 χ^2/NDF : 44444.8/11

cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 176.370 $\pm$ 87.398 χ^2 /NDF: 1.0/4

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 99.124 $\pm$ -85.603 χ^2 /NDF: 5.5/6

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

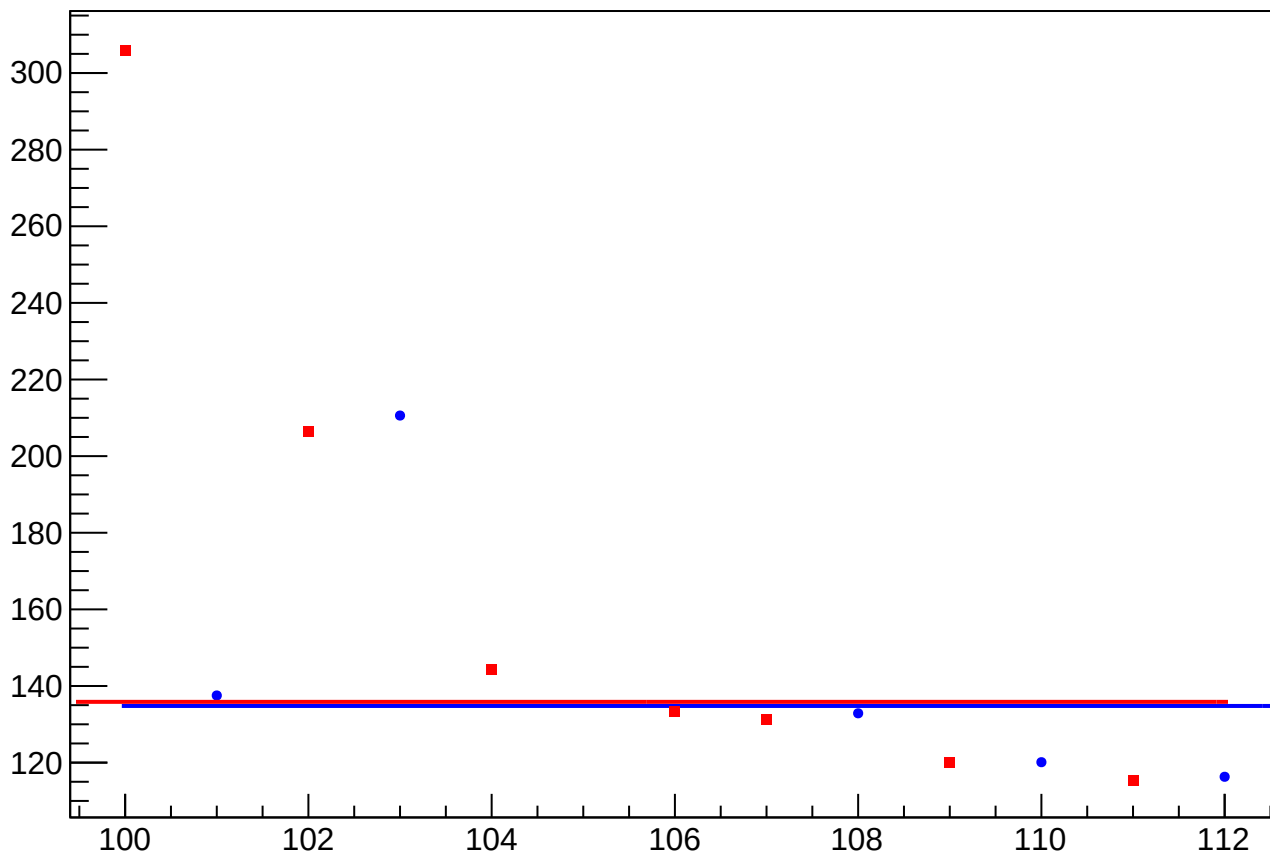
Right: 136.946 $\pm$ -61.155 χ^2 /NDF: 6.9/11

In: 176.370 $\pm$ -87.398 χ^2 /NDF:1.0/4

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 136.946 $\pm$ -61.155 χ^2 /NDF: 6.9/11

cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 134.790 $\pm$ 0.062 χ^2 /NDF: 189672.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 135.862 $\pm$ 0.061 χ^2 /NDF: 243387.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

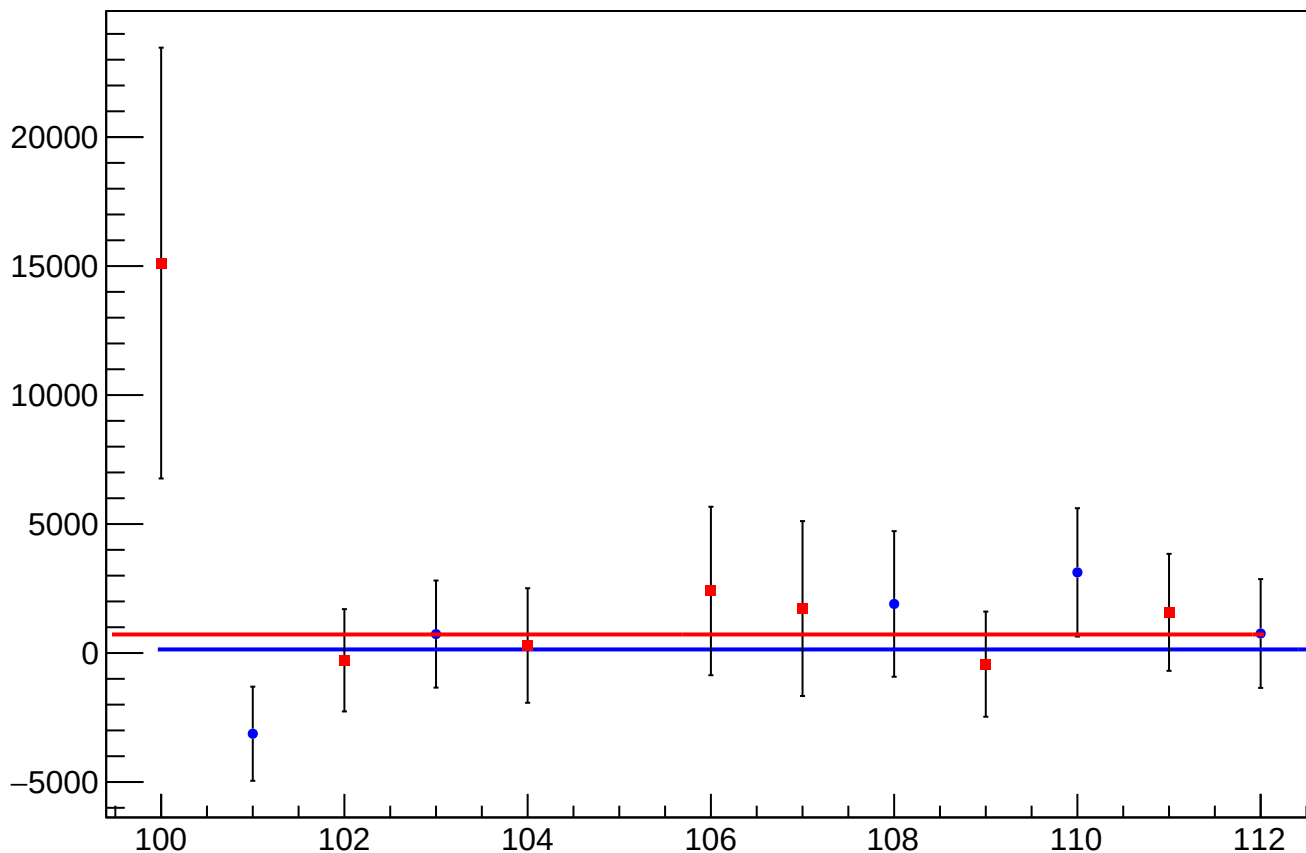
Right: 135.337 $\pm$ 0.043 χ^2 /NDF: 433213.7/11

In: 134.790 $\pm$ 0.062 χ^2 /NDF: 189672.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 135.337 $\pm$ 0.043 χ^2 /NDF: 433213.7/11

asym_sam_3726_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 139.182+/-978.546 χ^2/NDF : 5.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 719.705+/-958.944 χ^2/NDF : 4.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

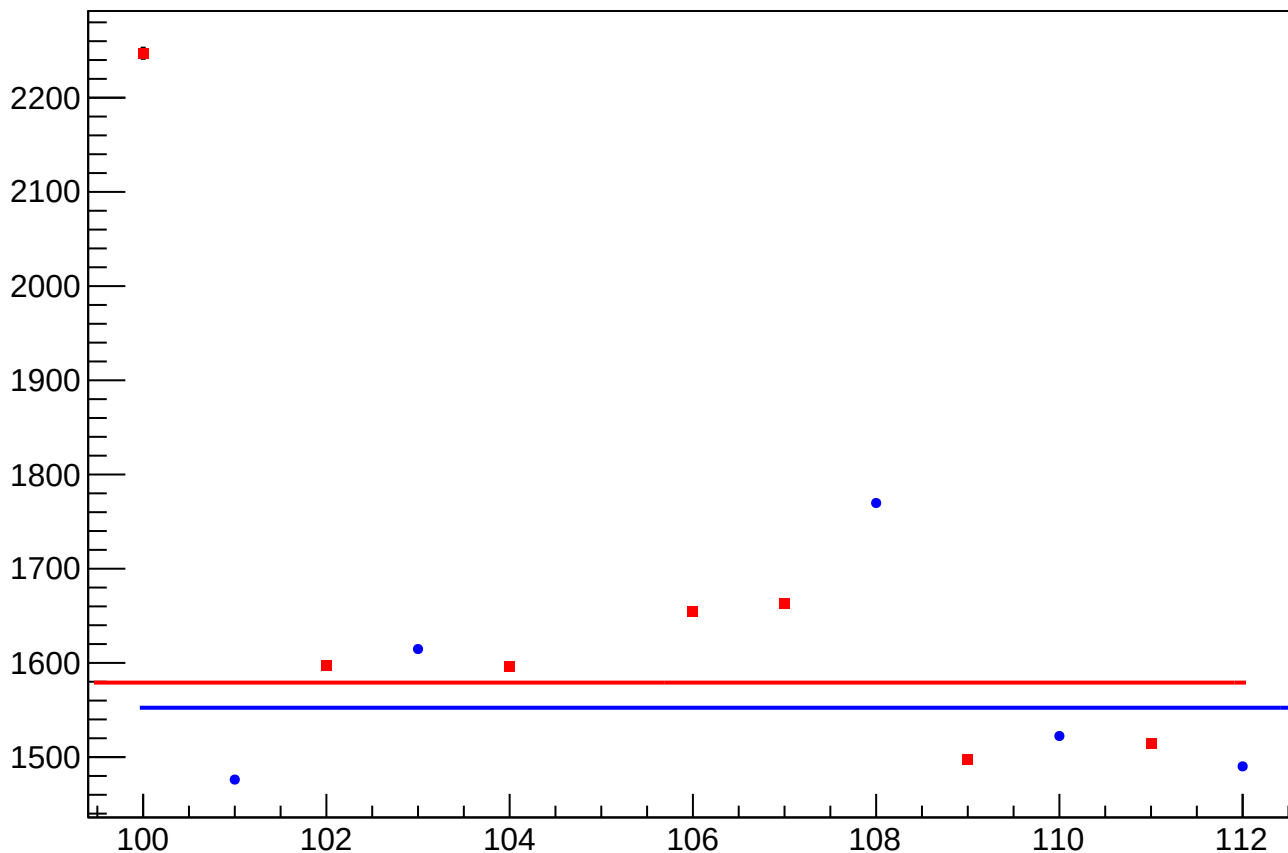
Right: 435.316+/-684.901 χ^2/NDF : 9.5/11

In: 139.182+/-978.546 χ^2/NDF : 5.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 435.316+/-684.901 χ^2/NDF : 9.5/11

asym_sam_3726_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1552.417+/-0.692 χ^2/NDF : 19192.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1579.094+/-0.678 χ^2/NDF : 20181.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

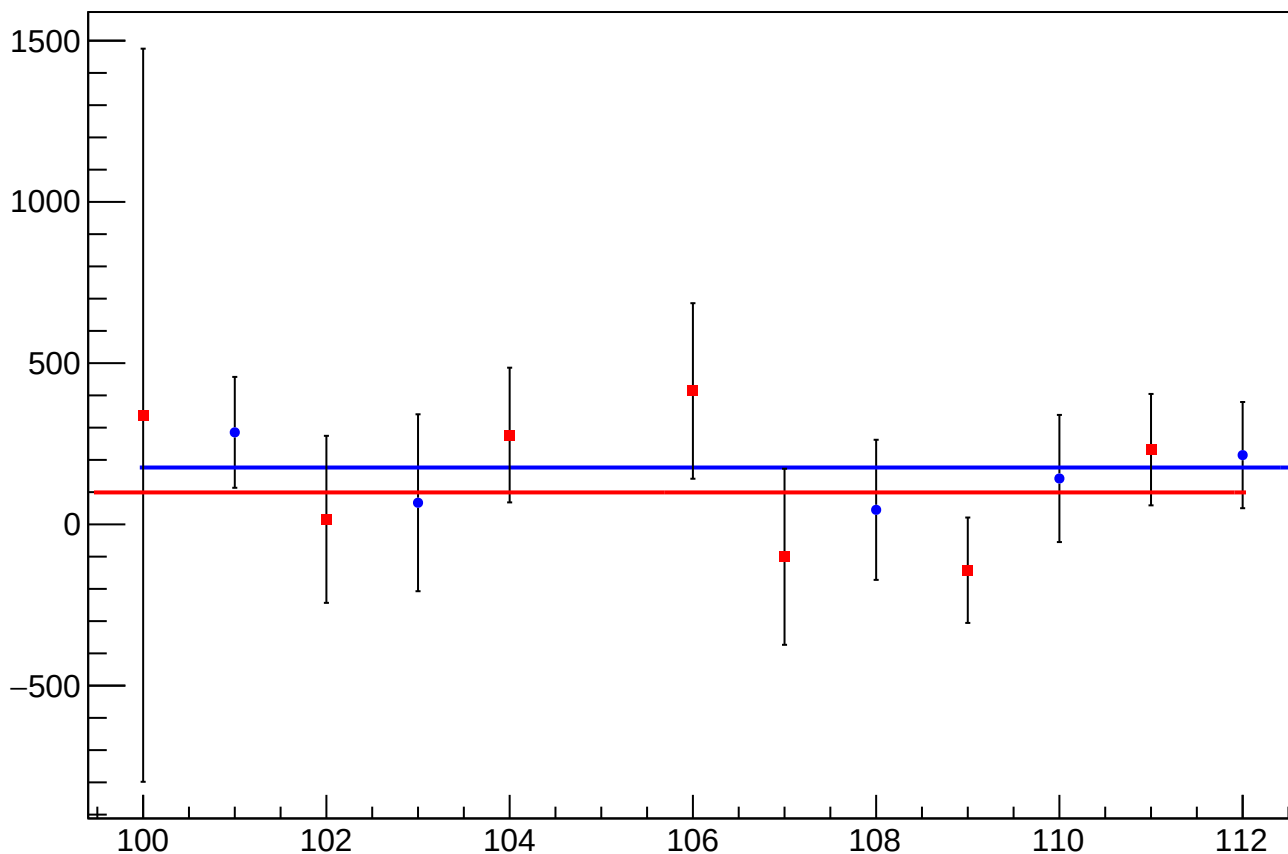
Right: 1566.025+/-0.484 χ^2/NDF : 40132.6/11

In: 1552.417+/-0.692 χ^2/NDF : 19192.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1566.025+/-0.484 χ^2/NDF : 40132.6/11

eigen_cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 176.370 $\pm$ 87.398 χ^2 /NDF: 1.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 99.124 $\pm$ 85.603 χ^2 /NDF: 5.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

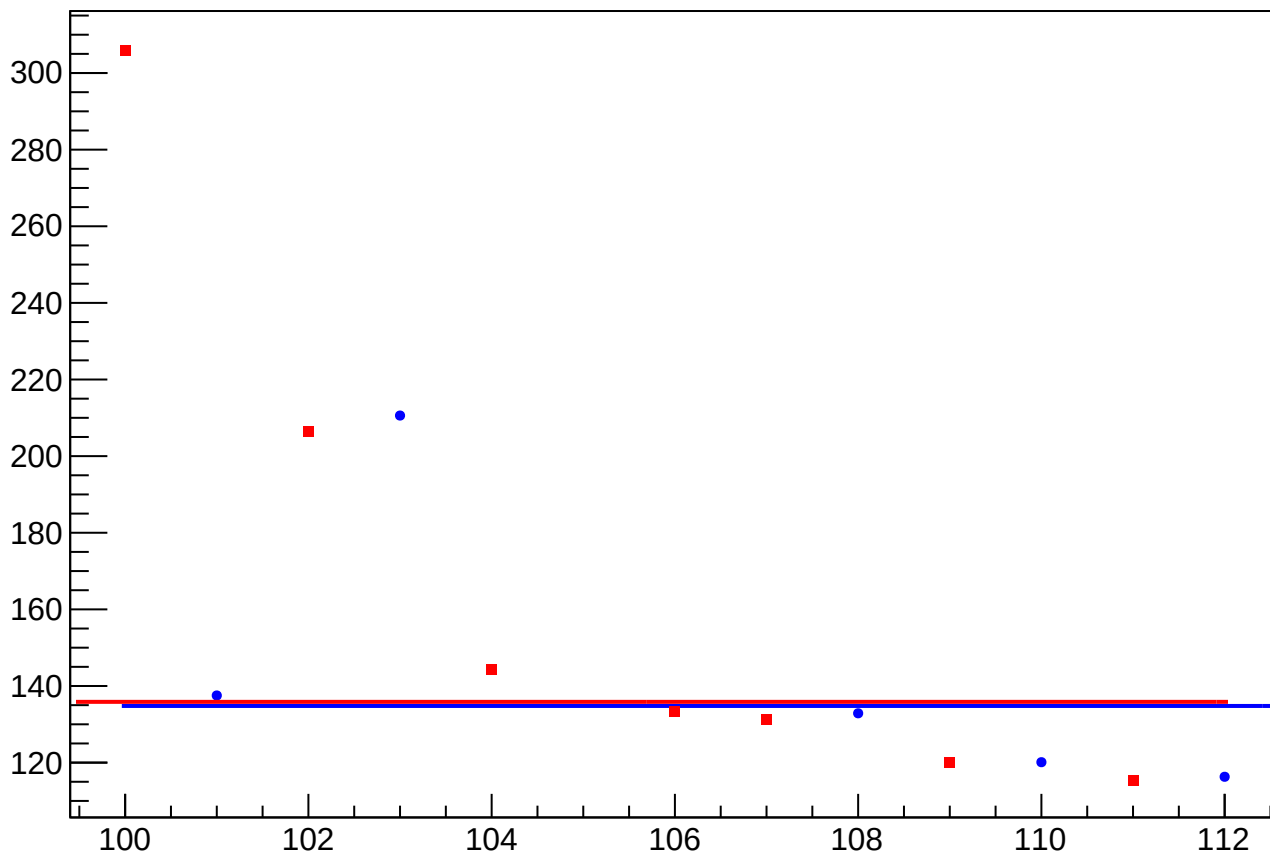
Right: 136.946 $\pm$ 61.155 χ^2 /NDF: 6.9/11

In: 176.370 $\pm$ 87.398 χ^2 /NDF: 1.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 136.946 $\pm$ 61.155 χ^2 /NDF: 6.9/11

eigen_cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 134.790 $\pm$ 0.062 χ^2 /NDF: 189672.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 135.862 $\pm$ 0.061 χ^2 /NDF: 243387.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

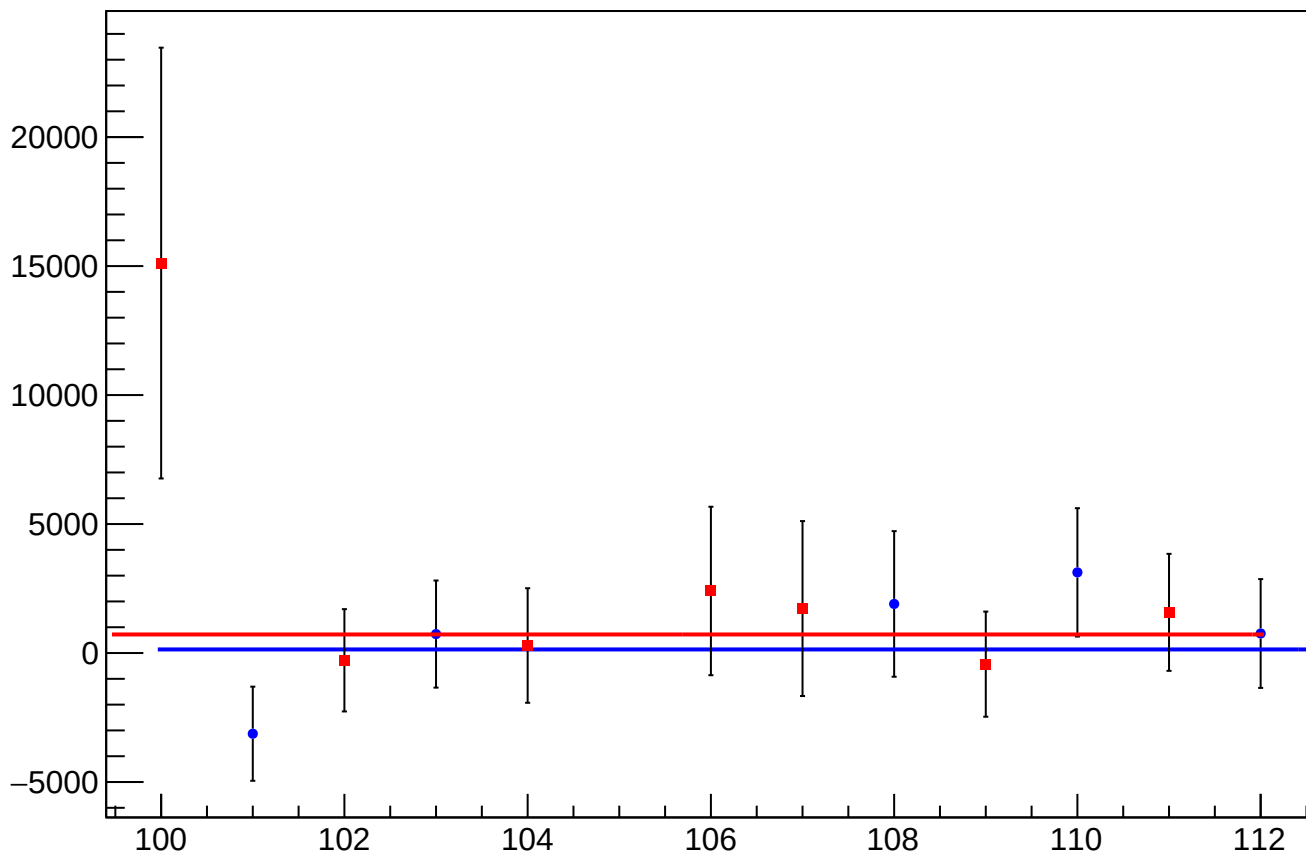
Right: 135.337 $\pm$ 0.043 χ^2 /NDF: 433213.7/11

In: 134.790 $\pm$ 0.062 χ^2 /NDF:189672.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 135.337 $\pm$ 0.043 χ^2 /NDF: 433213.7/11

asym_sam_3726_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 139.182+/-978.546 χ^2/NDF : 5.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 719.705+/-958.944 χ^2/NDF : 4.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

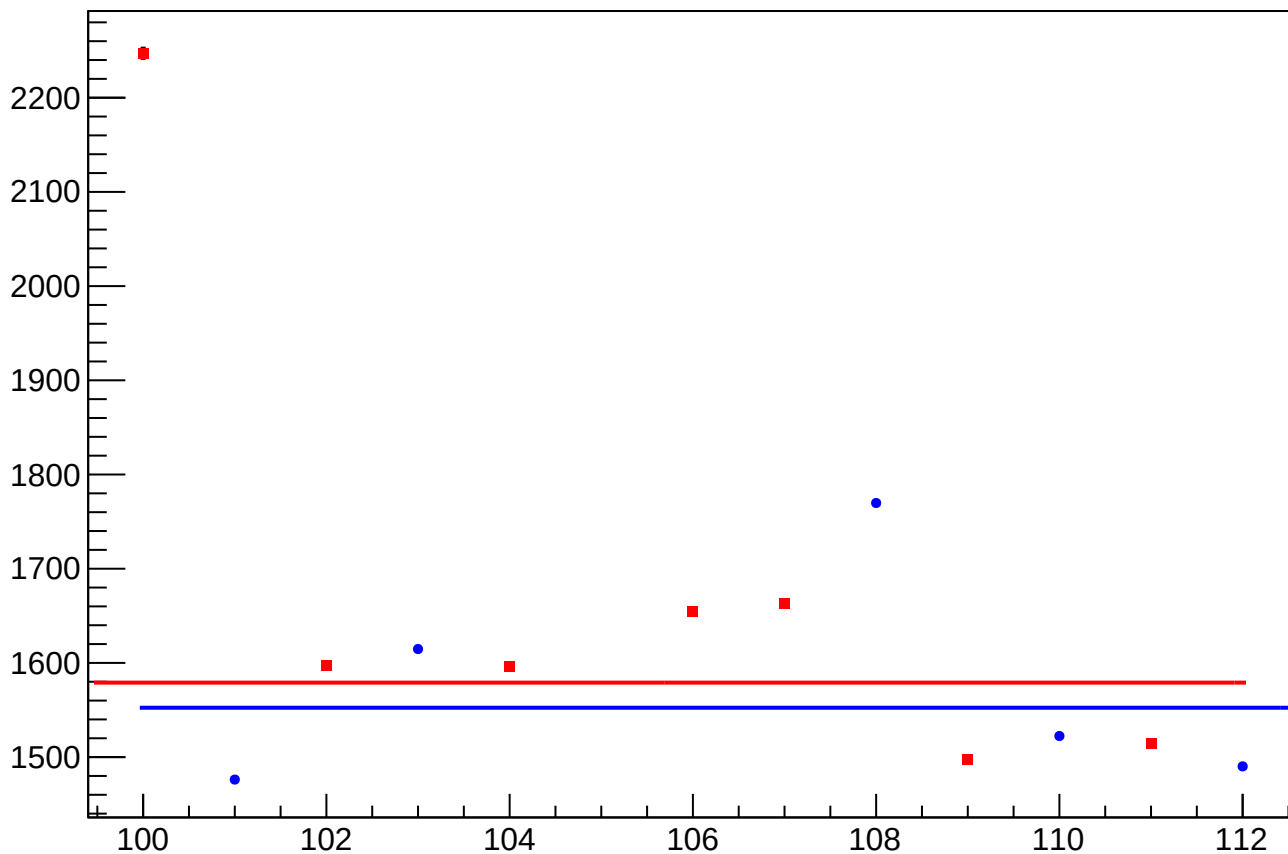
Right: 435.316+/-684.901 χ^2/NDF : 9.5/11

In: 139.182+/-978.546 χ^2/NDF : 5.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 435.316+/-684.901 χ^2/NDF : 9.5/11

asym_sam_3726_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1552.417+/-0.692 χ^2/NDF : 19192.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1579.094+/-0.678 χ^2/NDF : 20181.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

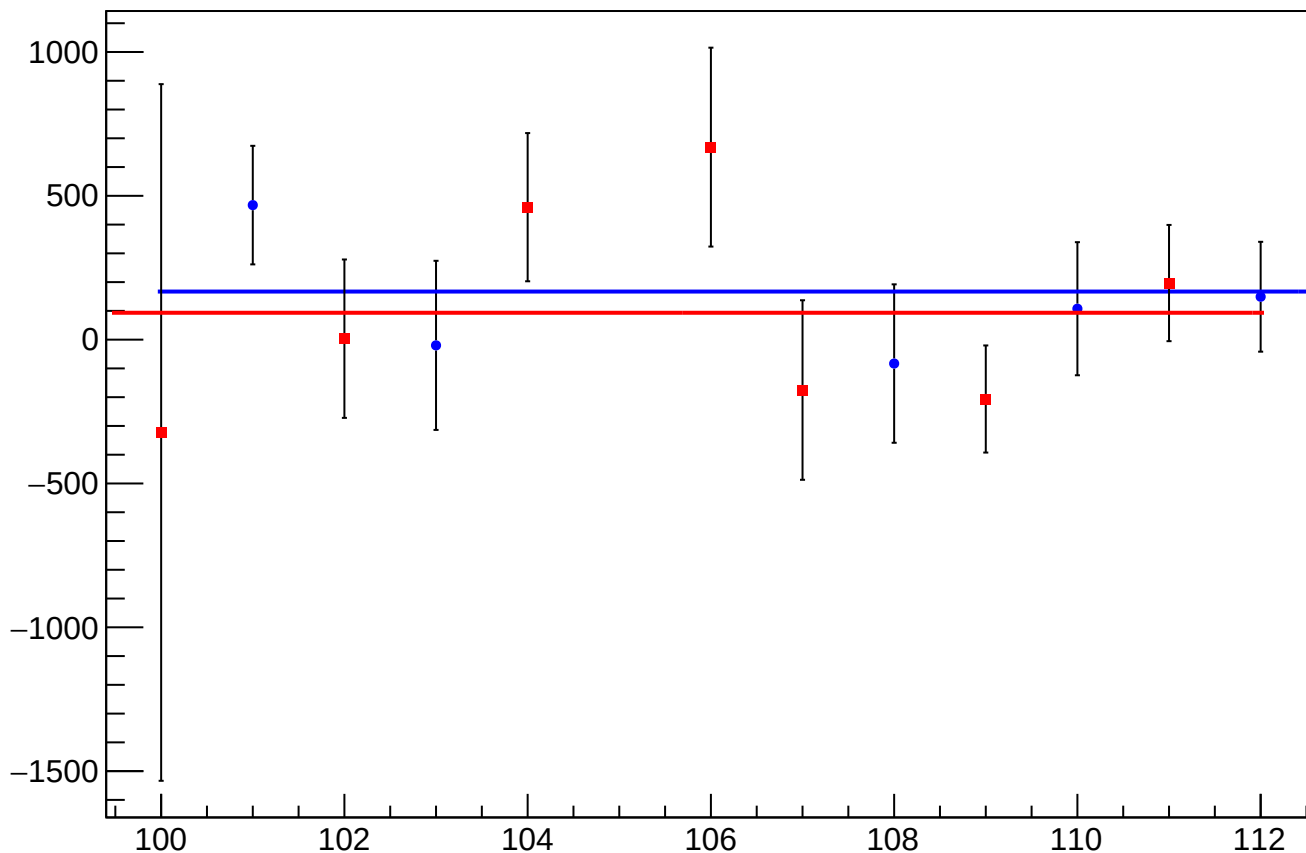
Right: 1566.025+/-0.484 χ^2/NDF : 40132.6/11

In: 1552.417+/-0.692 χ^2/NDF : 19192.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1566.025+/-0.484 χ^2/NDF : 40132.6/11

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 167.201 $\pm$ 102.916 χ^2 /NDF: 3.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 93.453 $\pm$ 99.542 χ^2 /NDF: 8.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

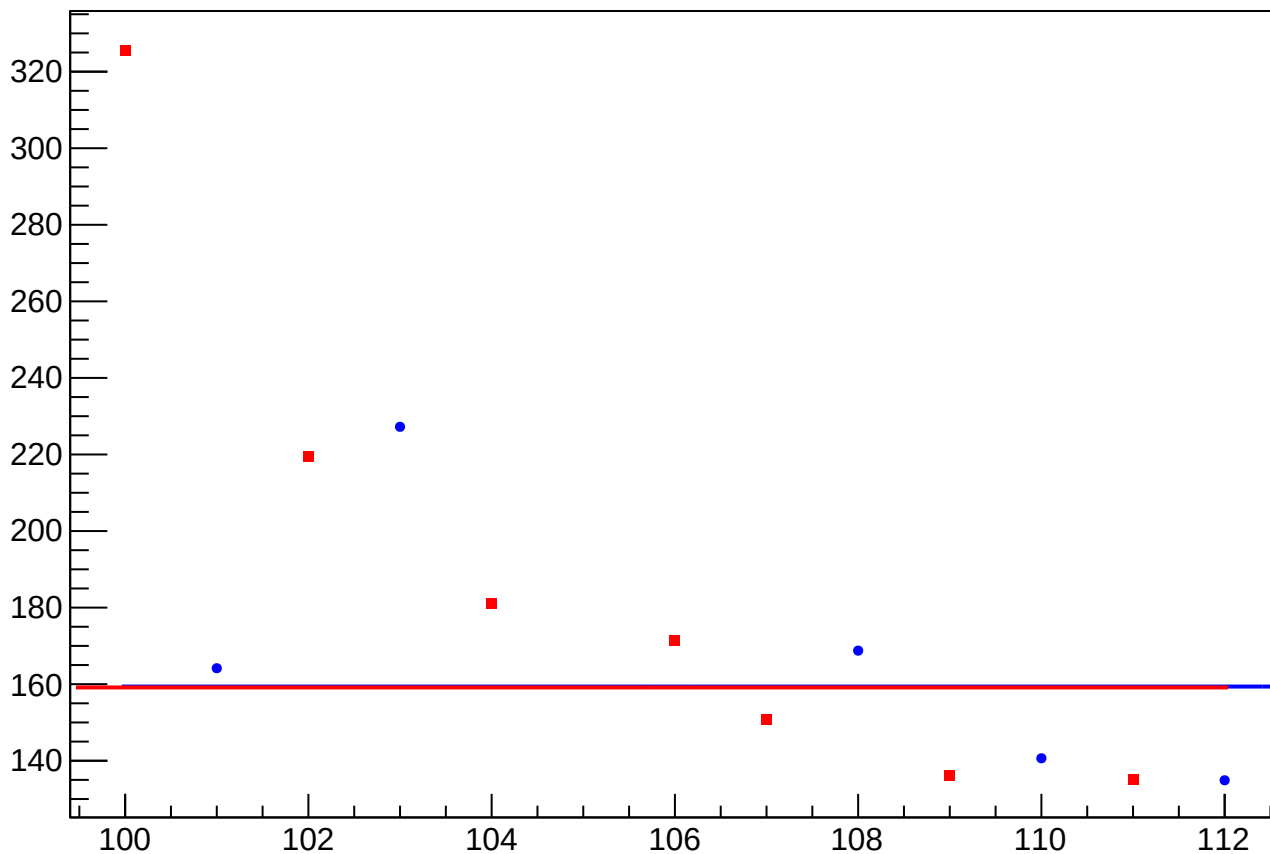
Right: 129.098 $\pm$ 71.550 χ^2 /NDF: 12.3/11

In: 167.201 $\pm$ 102.916 χ^2 /NDF:3.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 129.098 $\pm$ 71.550 χ^2 /NDF: 12.3/11

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 159.381+/-0.073 χ^2/NDF : 155962.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 159.149+/-0.070 χ^2/NDF : 211191.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

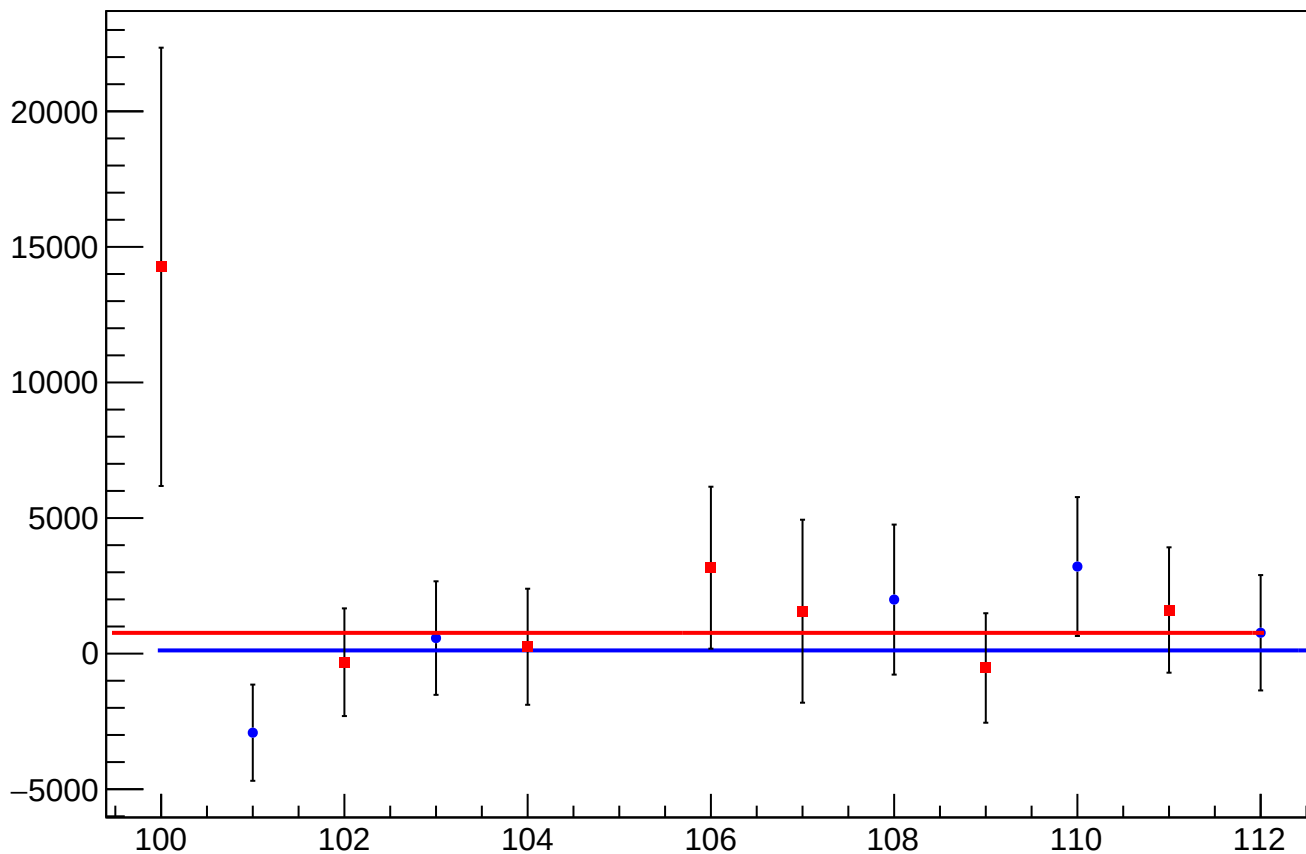
Right: 159.261+/-0.051 χ^2/NDF : 367159.7/11

In: 159.381+/-0.073 χ^2/NDF : 155962.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.261+/-0.051 χ^2/NDF : 367159.7/11

asym_sam_3726_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 118.066+/-975.945 χ^2/NDF : 5.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 765.523+/-945.089 χ^2/NDF : 4.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

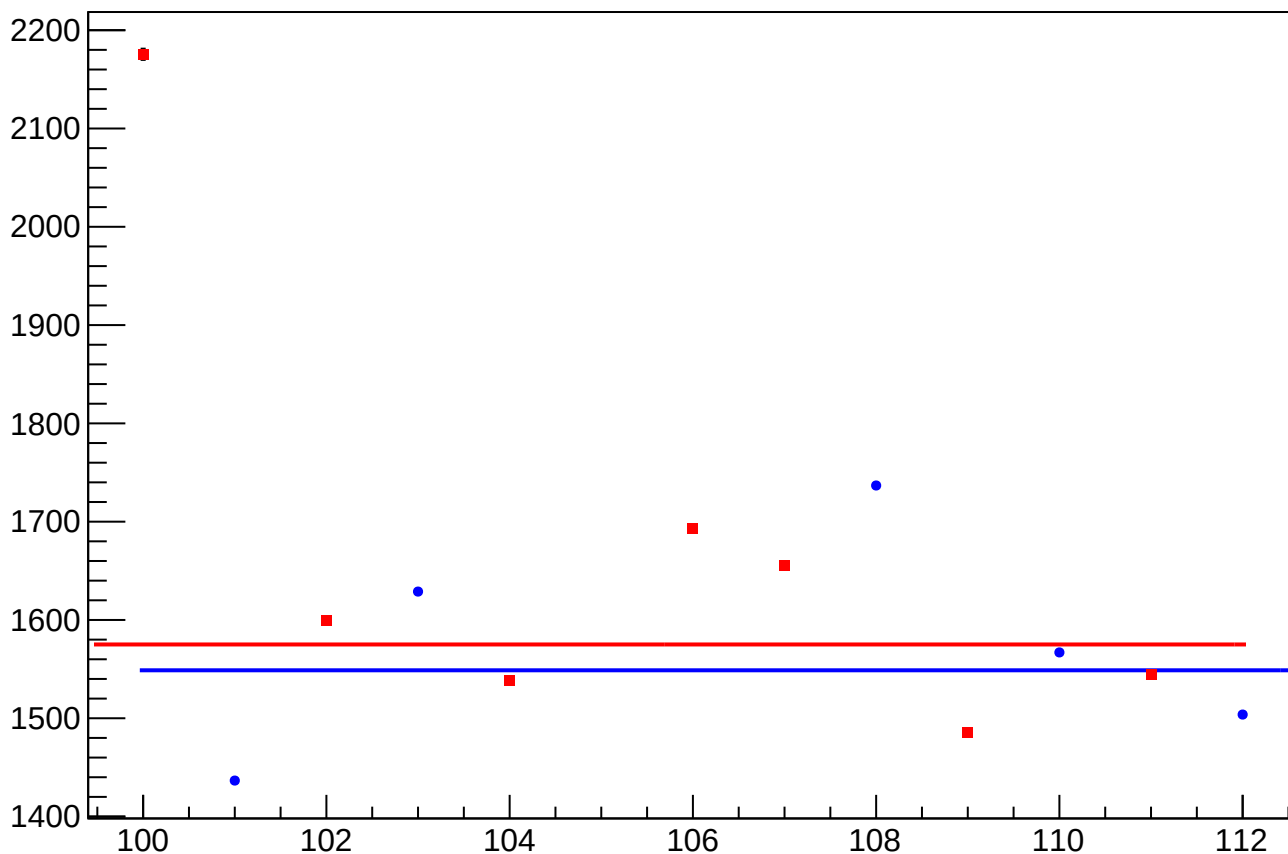
Right: 452.191+/-678.925 χ^2/NDF : 9.6/11

In: 118.066+/-975.945 χ^2/NDF : 5.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 452.191+/-678.925 χ^2/NDF : 9.6/11

asym_sam_3726_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1548.797 $\pm$ 0.690 χ^2 /NDF: 21156.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1575.073 $\pm$ 0.668 χ^2 /NDF: 20469.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

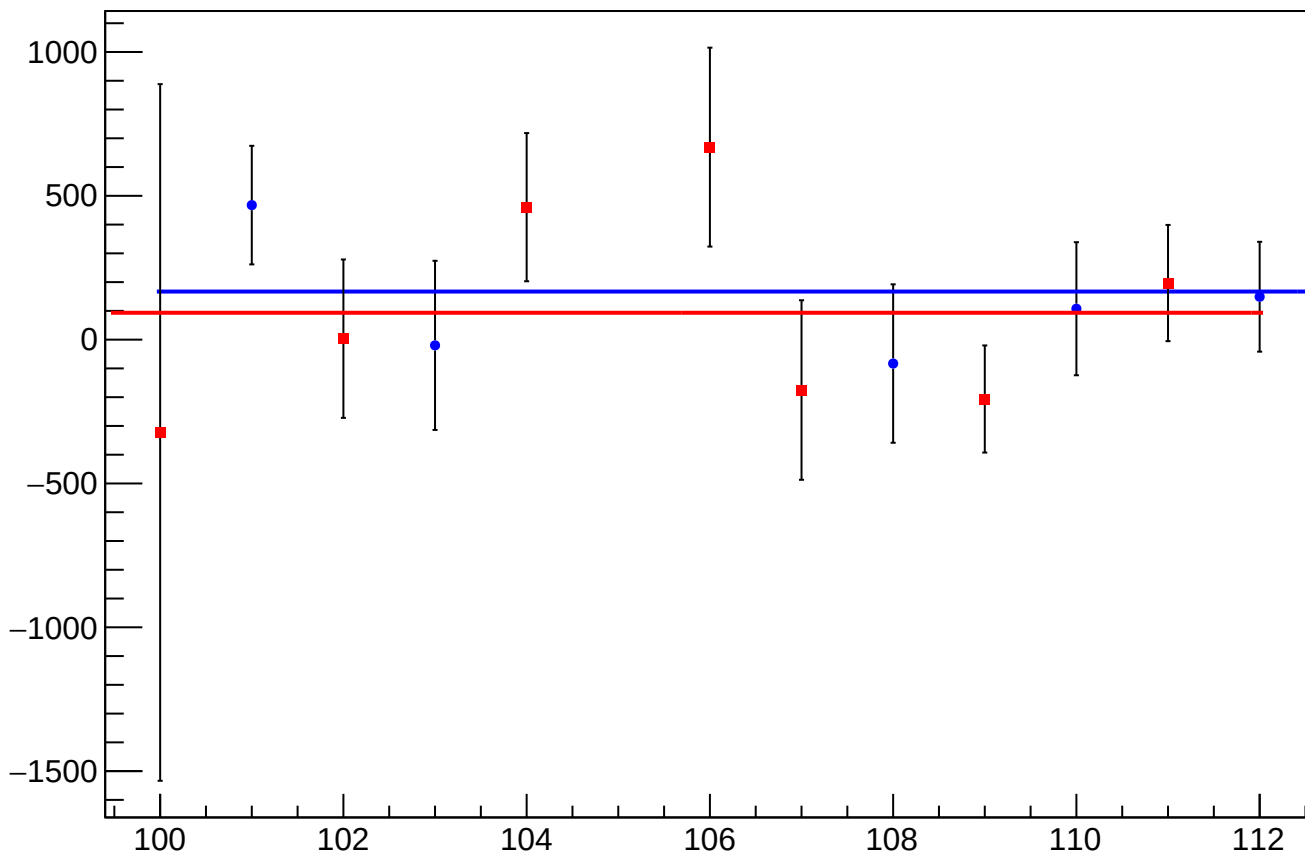
Right: 1562.357 $\pm$ 0.480 χ^2 /NDF: 42374.3/11

In: 1548.797 $\pm$ 0.690 χ^2 /NDF:21156.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1562.357 $\pm$ 0.480 χ^2 /NDF: 42374.3/11

eigen_dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 167.195 $\pm$ 102.916 χ^2 /NDF: 3.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 93.453 $\pm$ 99.542 χ^2 /NDF: 8.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

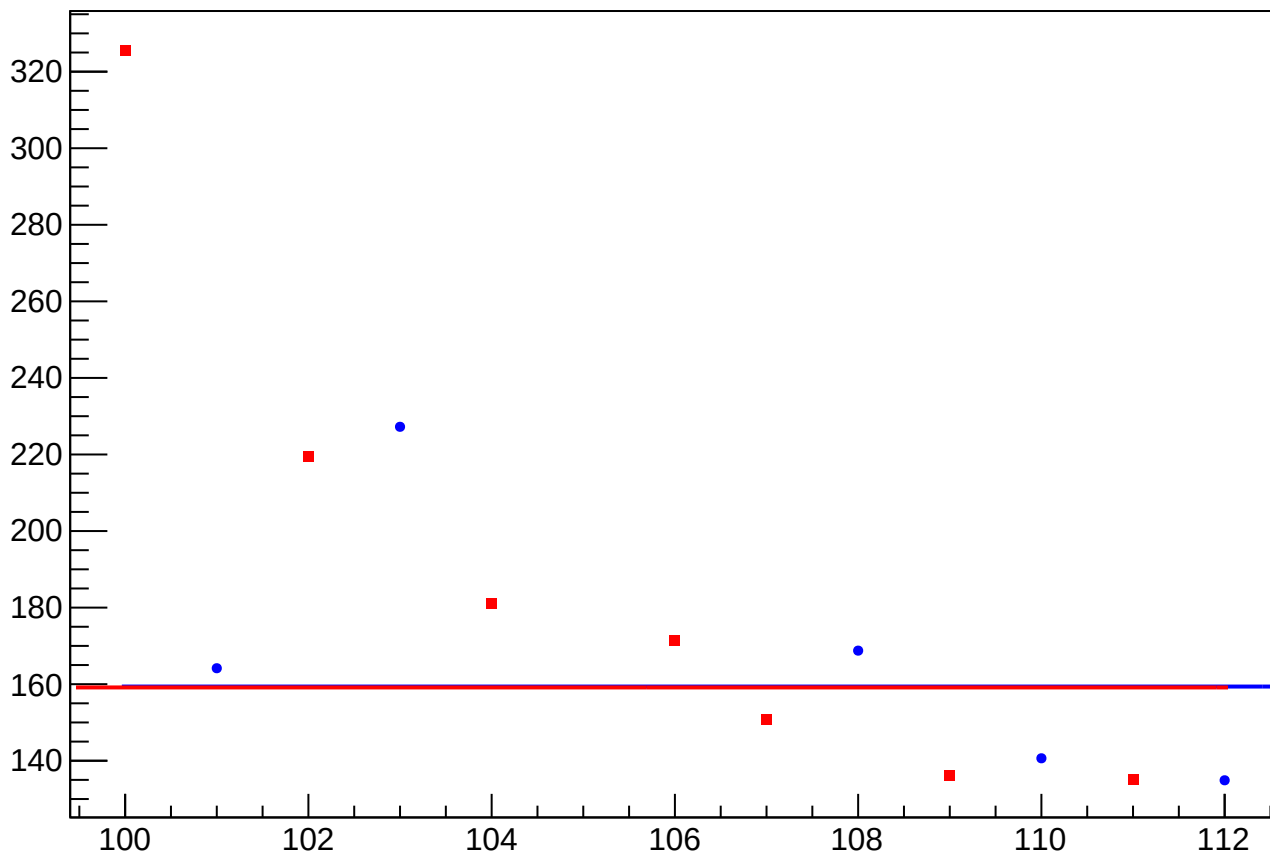
Right: 129.095 $\pm$ 71.550 χ^2 /NDF: 12.3/11

In: 167.195 $\pm$ 102.916 χ^2 /NDF: 3.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 129.095 $\pm$ 71.550 χ^2 /NDF: 12.3/11

eigen_dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 159.381+/-0.073 χ^2/NDF : 155968.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 159.148+/-0.070 χ^2/NDF : 211198.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

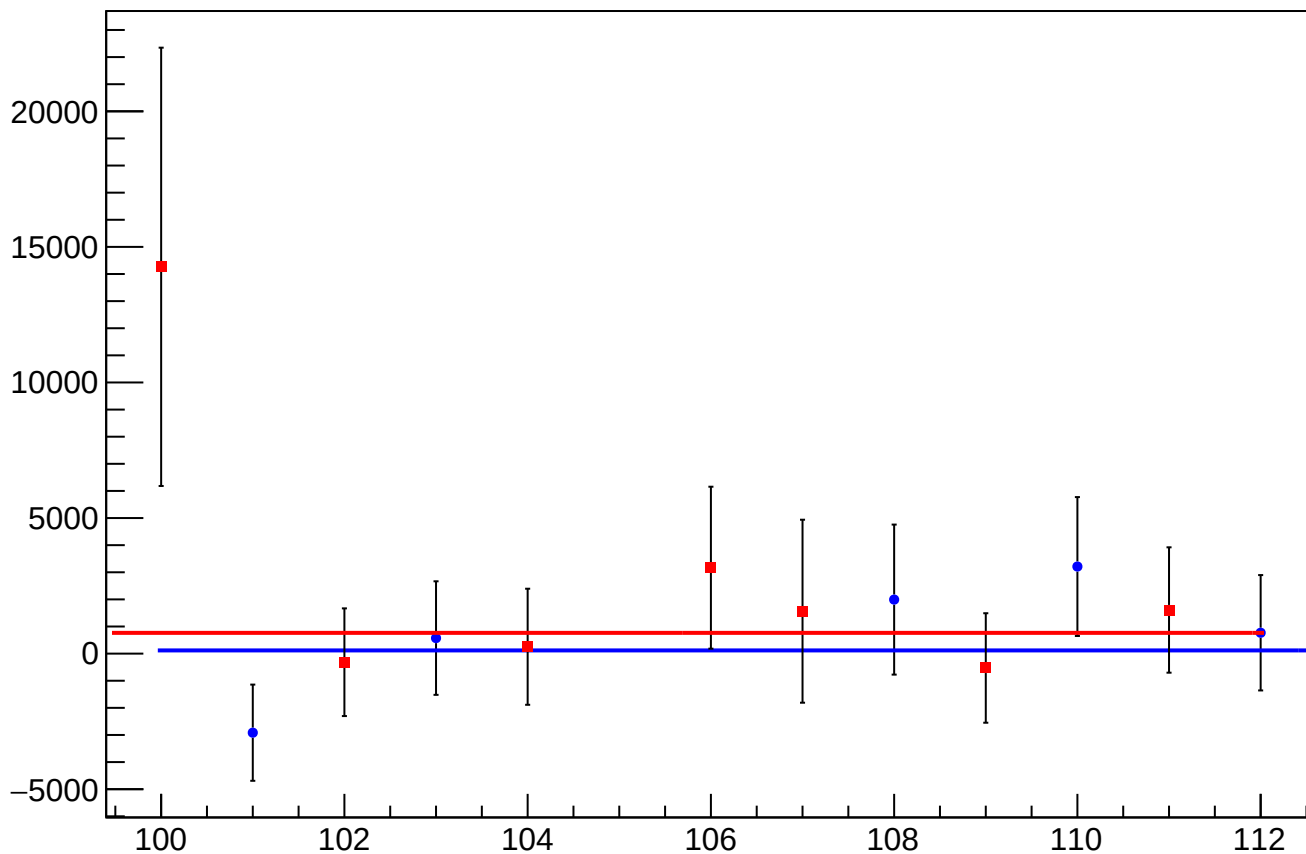
Right: 159.260+/-0.051 χ^2/NDF : 367172.1/11

In: 159.381+/-0.073 χ^2/NDF : 155968.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.260+/-0.051 χ^2/NDF : 367172.1/11

asym_sam_3726_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 118.067+/-975.942 χ^2/NDF : 5.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 765.521+/-945.086 χ^2/NDF : 4.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

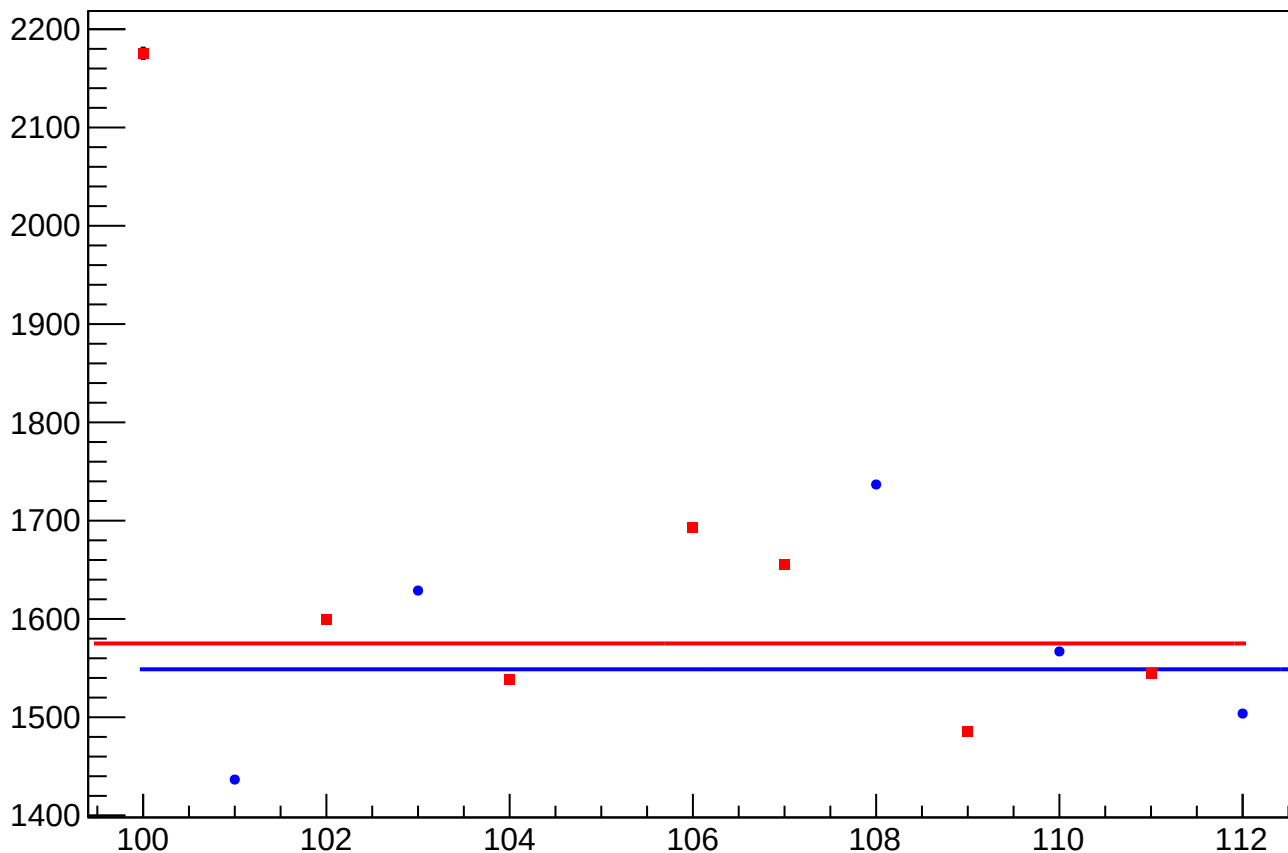
Right: 452.190+/-678.923 χ^2/NDF : 9.6/11

In: 118.067+/-975.942 χ^2/NDF : 5.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 452.190+/-678.923 χ^2/NDF : 9.6/11

asym_sam_3726_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1548.792 $\pm$ 0.690 χ^2 /NDF: 21156.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1575.068 $\pm$ 0.668 χ^2 /NDF: 20469.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

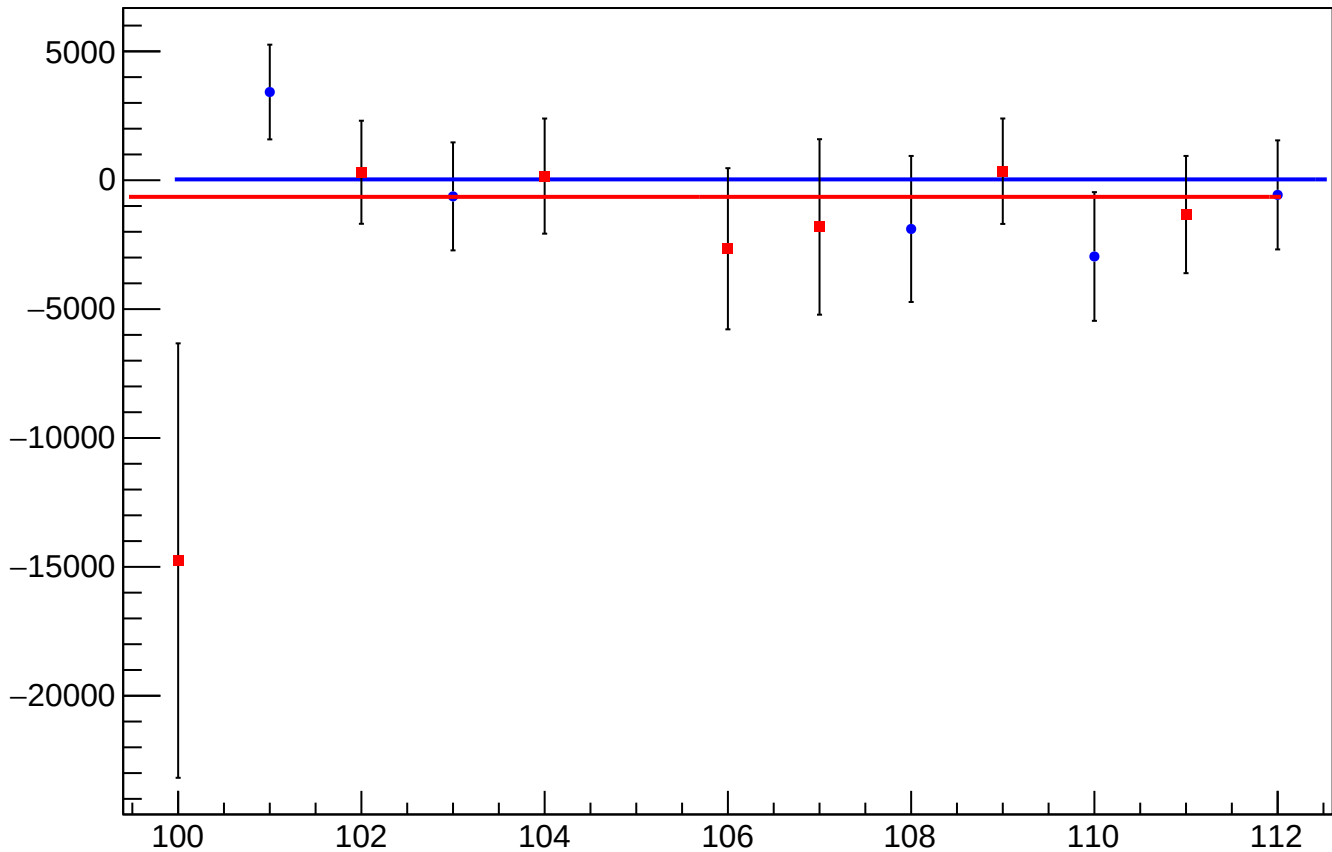
Right: 1562.352 $\pm$ 0.480 χ^2 /NDF: 42374.8/11

In: 1548.792 $\pm$ 0.690 χ^2 /NDF:21156.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1562.352 $\pm$ 0.480 χ^2 /NDF: 42374.8/11

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 32.708+/-984.049 χ^2/NDF : 5.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -644.864+/-959.669 χ^2/NDF : 4.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

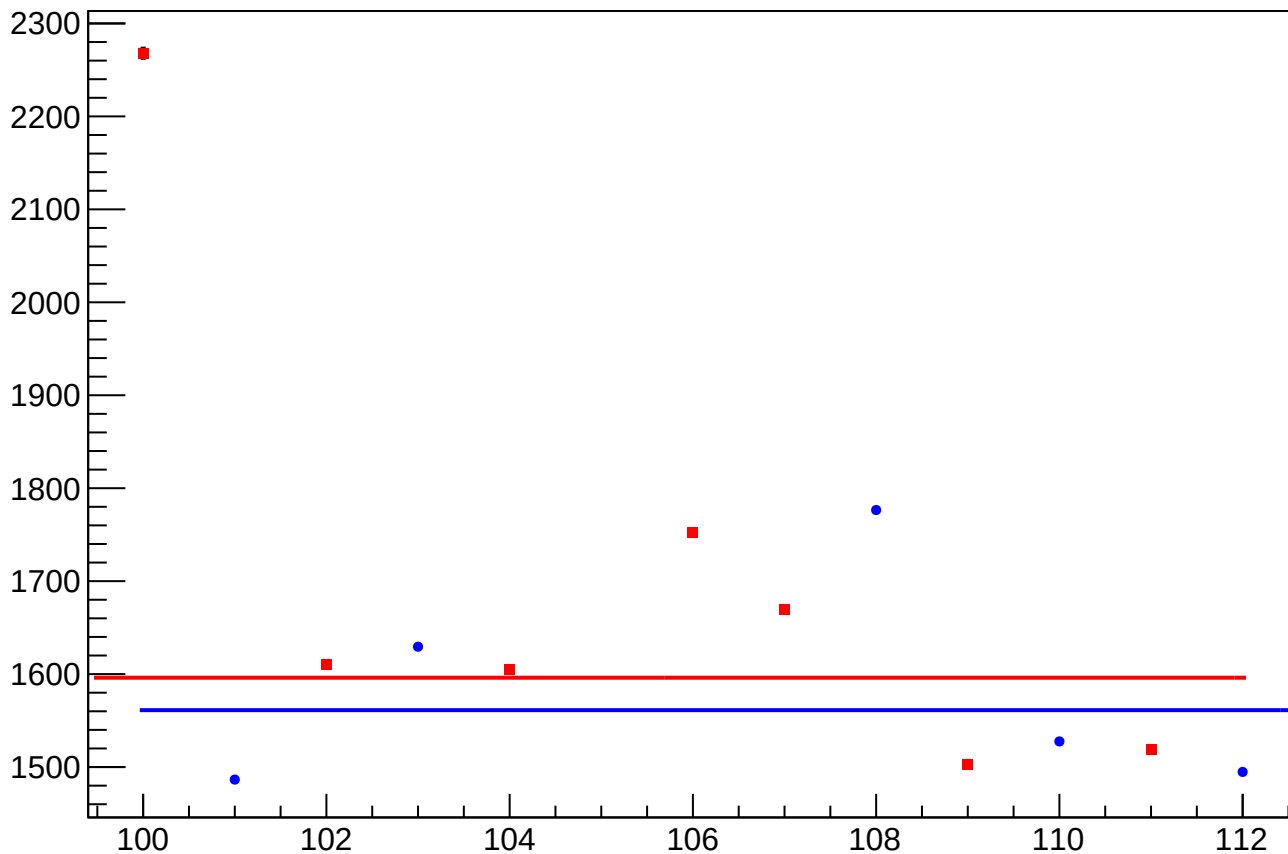
Right: -314.575+/-687.046 χ^2/NDF : 9.7/11

In: 32.708+/-984.049 χ^2/NDF : 5.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -314.575+/-687.046 χ^2/NDF : 9.7/11

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 1561.217 $\pm$ 0.696 χ^2 /NDF: 19319.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1596.114 $\pm$ 0.679 χ^2 /NDF: 25189.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

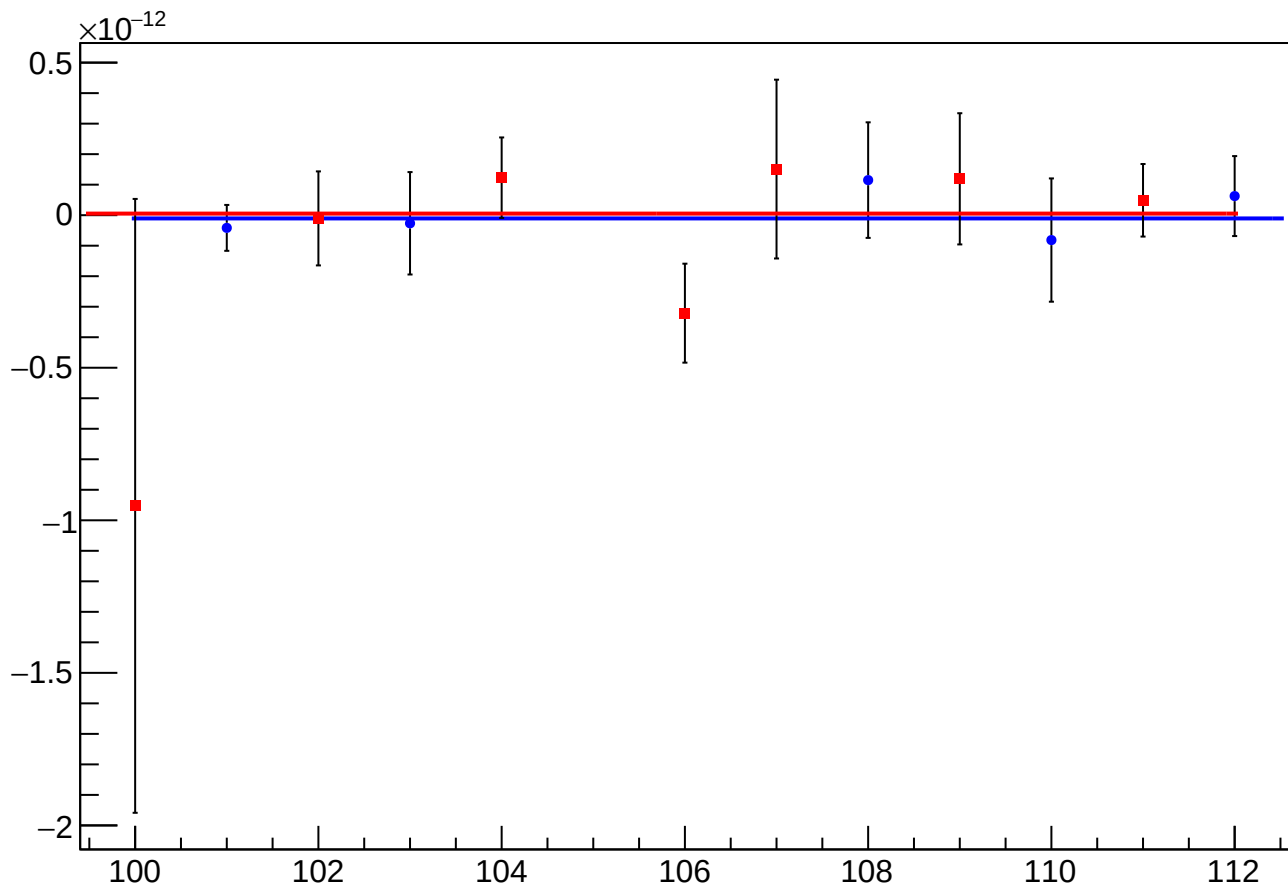
Right: 1579.103 $\pm$ 0.486 χ^2 /NDF: 45797.9/11

In: 1561.217 $\pm$ 0.696 χ^2 /NDF:19319.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1579.103 $\pm$ 0.486 χ^2 /NDF: 45797.9/11

asym_sam_3726_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 1.1/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 6.4/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

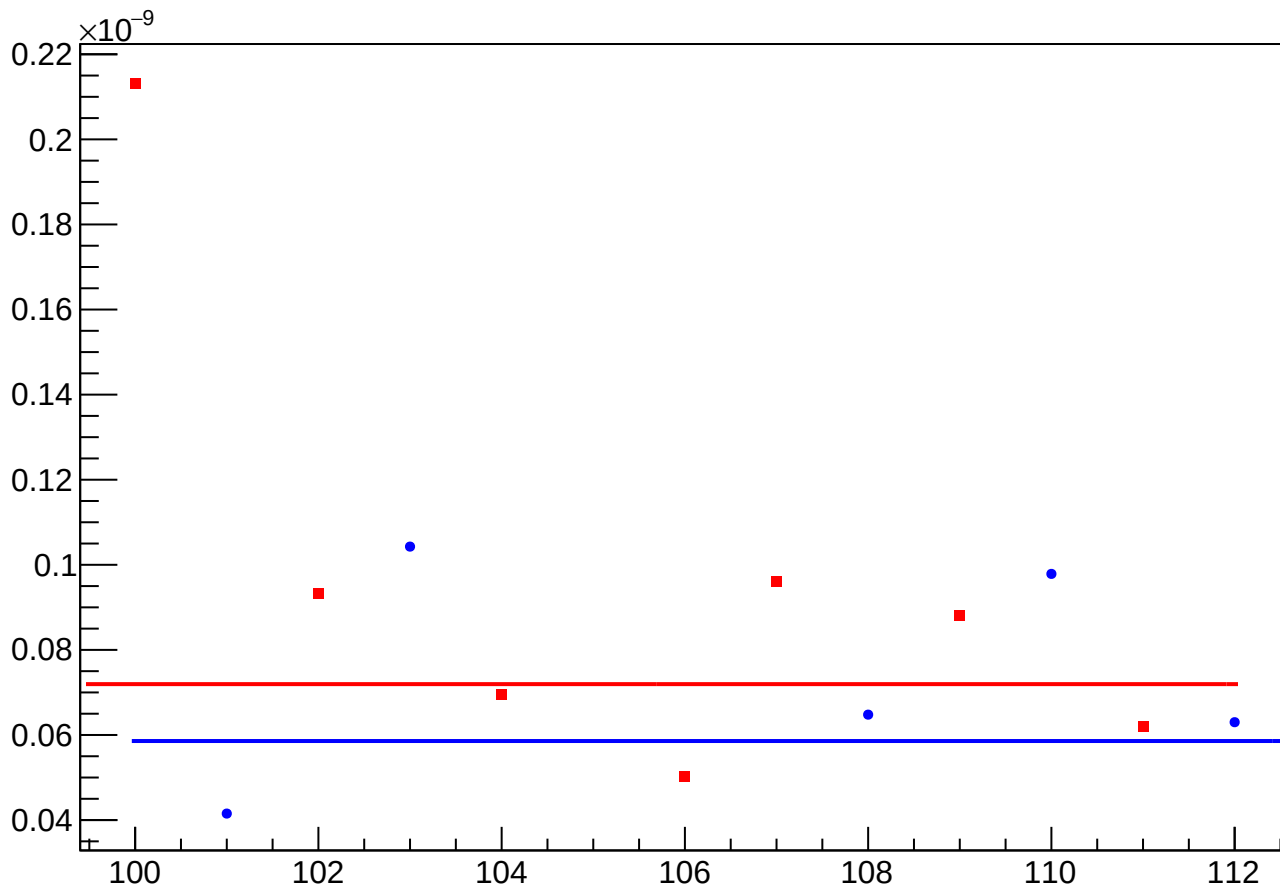
Right: -0.000+/-0.000 χ^2 /NDF: 7.5/11

In: -0.000+/-0.000 χ^2 /NDF:1.1/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 7.5/11

asym_sam_3726_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 331177.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 152559.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

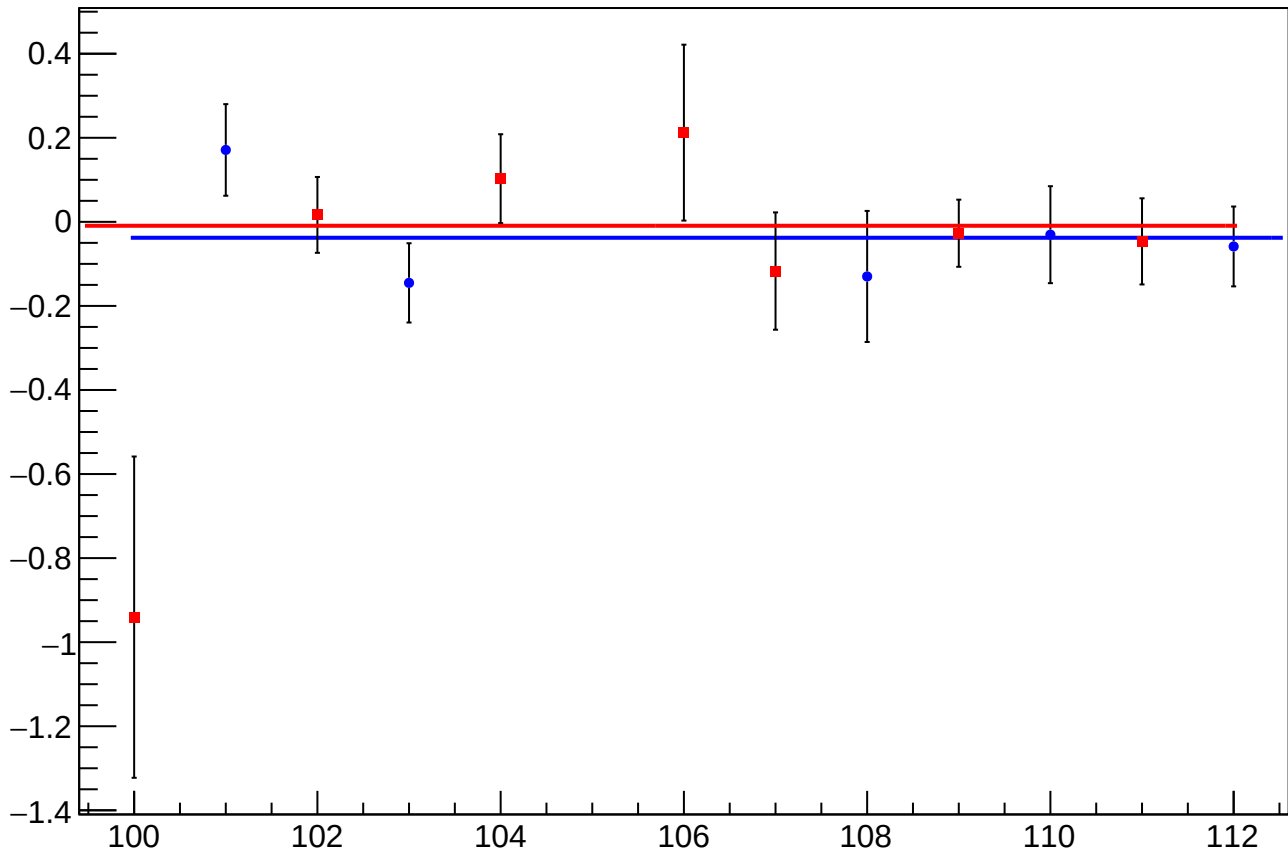
Right: 0.000+/-0.000 χ^2/NDF : 533287.6/11

In: 0.000+/-0.000 χ^2/NDF : 331177.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 533287.6/11

asym_sam_3726_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.038 ± 0.049 χ^2/NDF : 5.4/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.009 ± 0.043 χ^2/NDF : 9.0/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

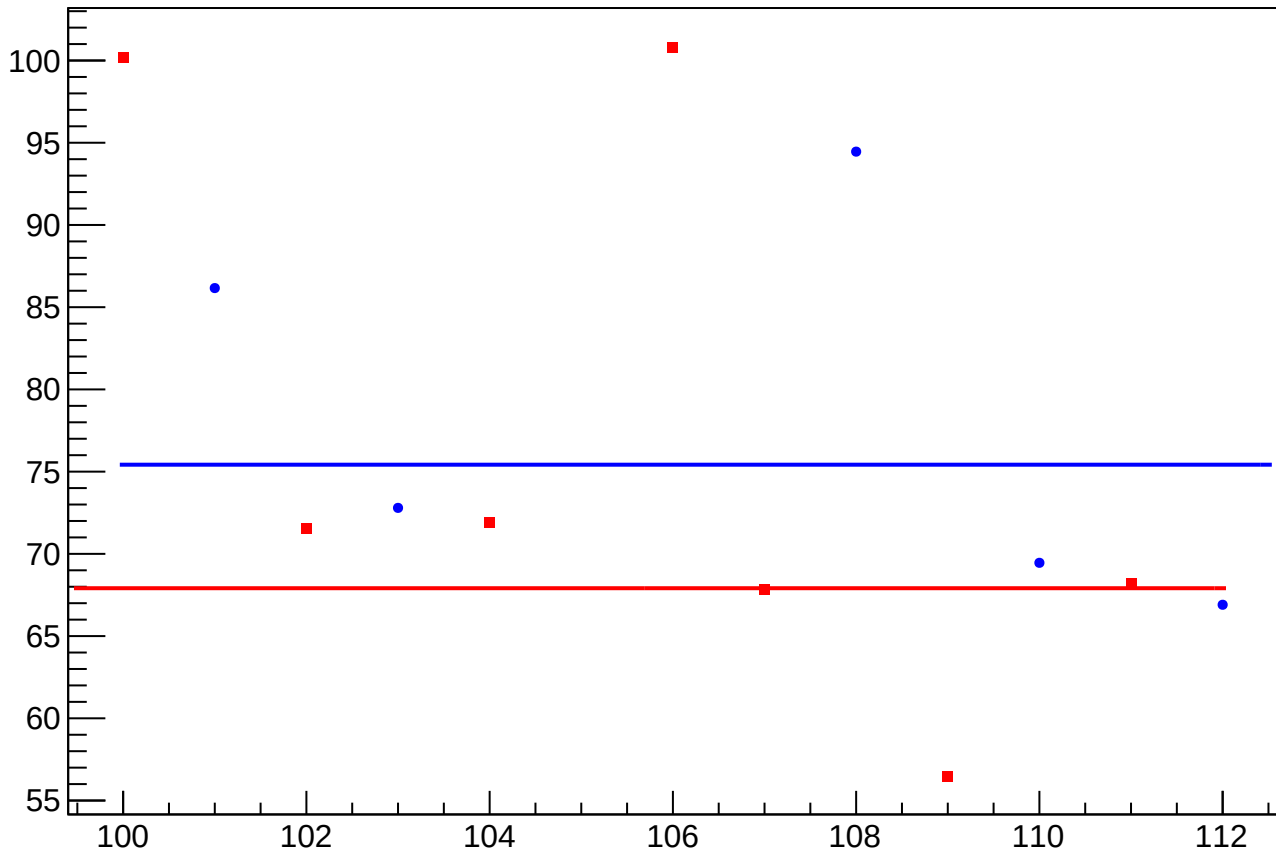
Right: -0.022 ± 0.032 χ^2/NDF : 14.6/11

In: -0.038 ± 0.049 χ^2/NDF : 5.4/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.022 ± 0.032 χ^2/NDF : 14.6/11

asym_sam_3726_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 75.422+/-0.034 χ^2/NDF : 72229.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.911+/-0.030 χ^2/NDF : 111058.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

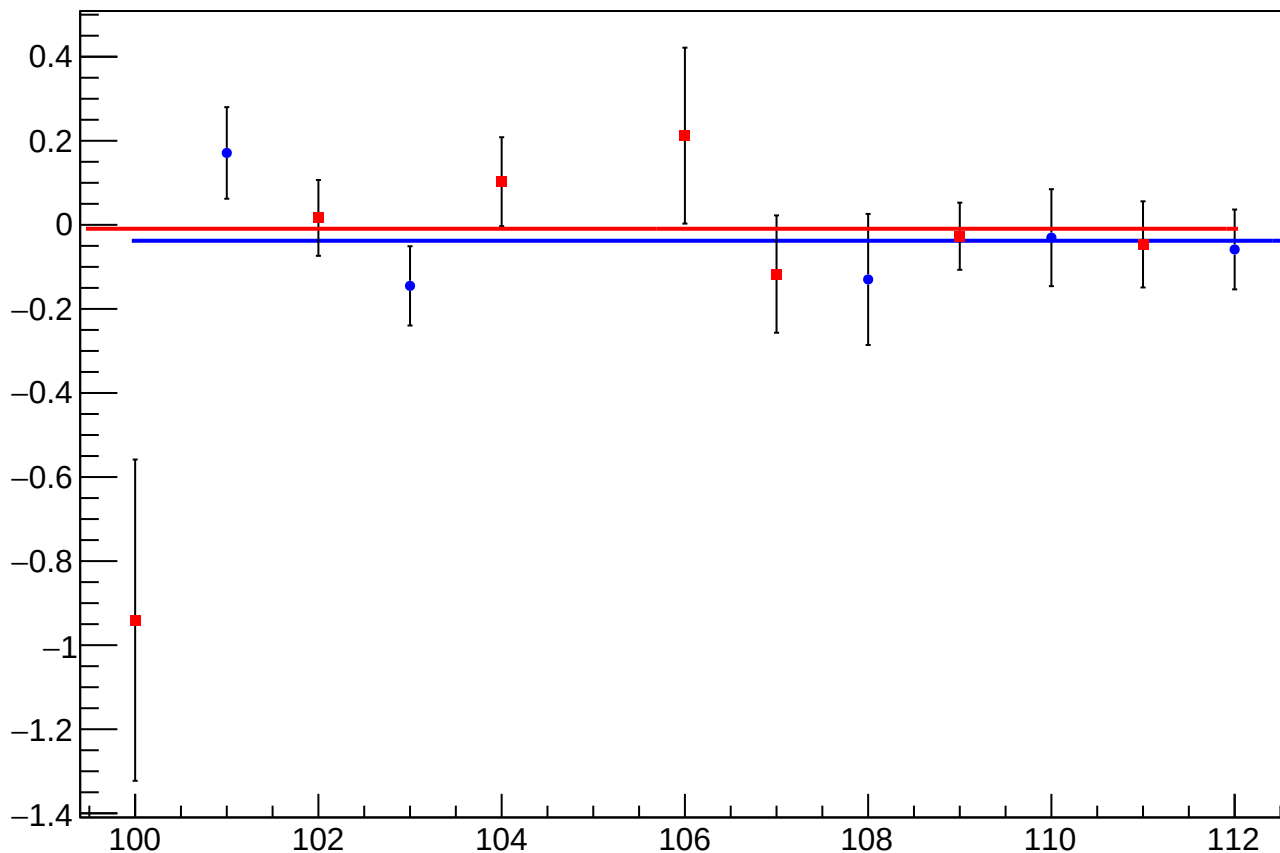
Right: 71.196+/-0.023 χ^2/NDF : 210194.1/11

In: 75.422+/-0.034 χ^2/NDF : 72229.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.196+/-0.023 χ^2/NDF : 210194.1/11

asym_sam_3726_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.038 ± 0.049 χ^2/NDF : 5.4/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.009 ± 0.043 χ^2/NDF : 9.0/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

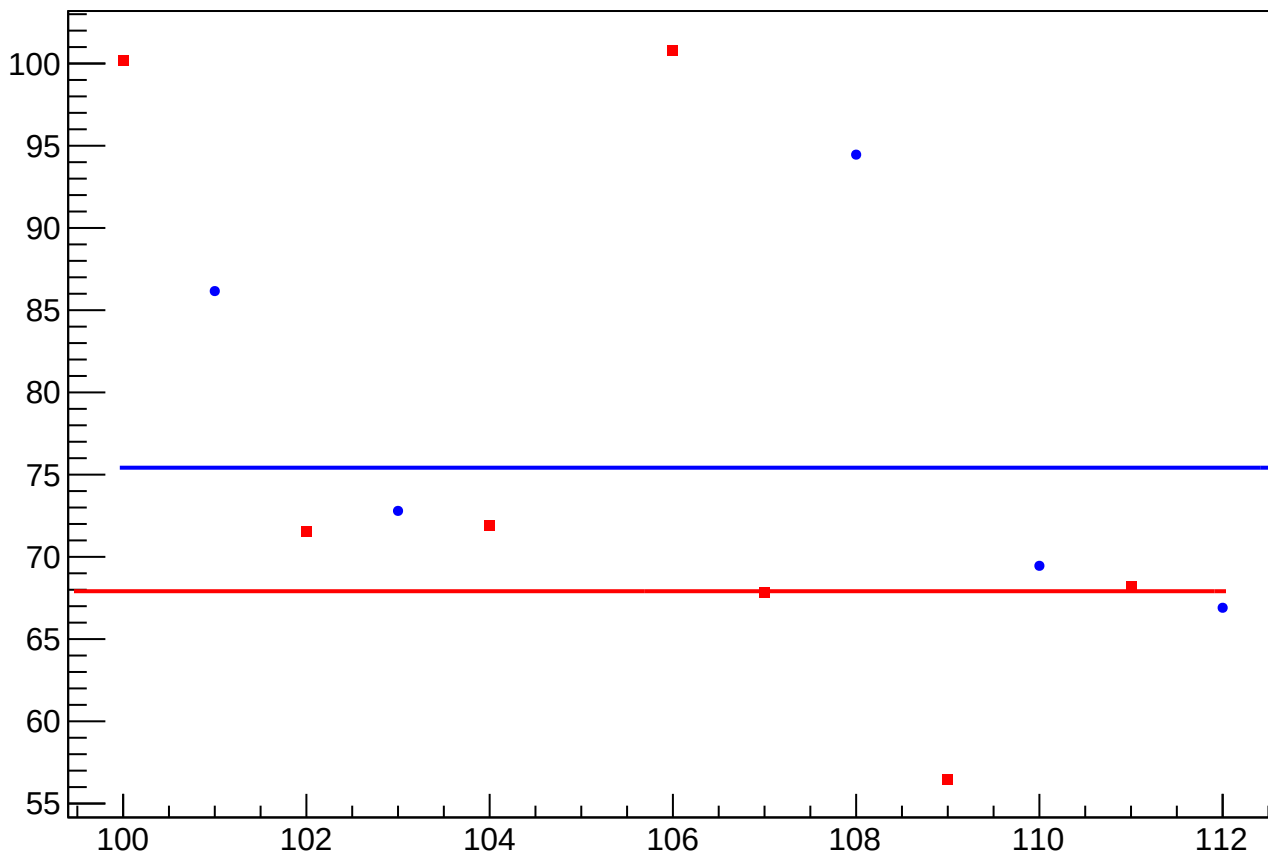
Right: -0.022 ± 0.032 χ^2/NDF : 14.6/11

In: -0.038 ± 0.049 χ^2/NDF : 5.4/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.022 ± 0.032 χ^2/NDF : 14.6/11

asym_sam_3726_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 75.422+/-0.034 χ^2/NDF : 72229.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.911+/-0.030 χ^2/NDF : 111058.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

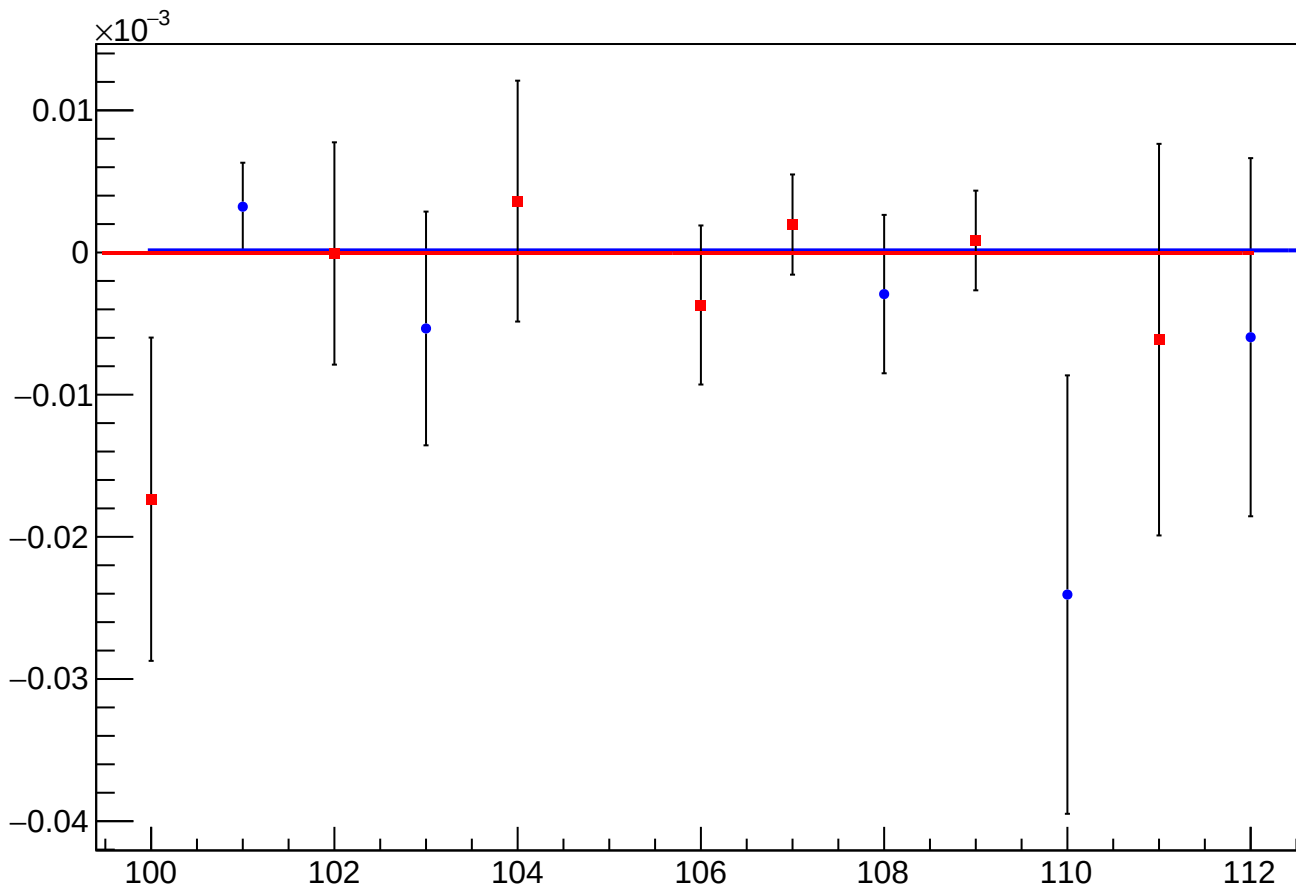
Right: 71.196+/-0.023 χ^2/NDF : 210194.1/11

In: 75.422+/-0.034 χ^2/NDF : 72229.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.196+/-0.023 χ^2/NDF : 210194.1/11

asym_sam_3726_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

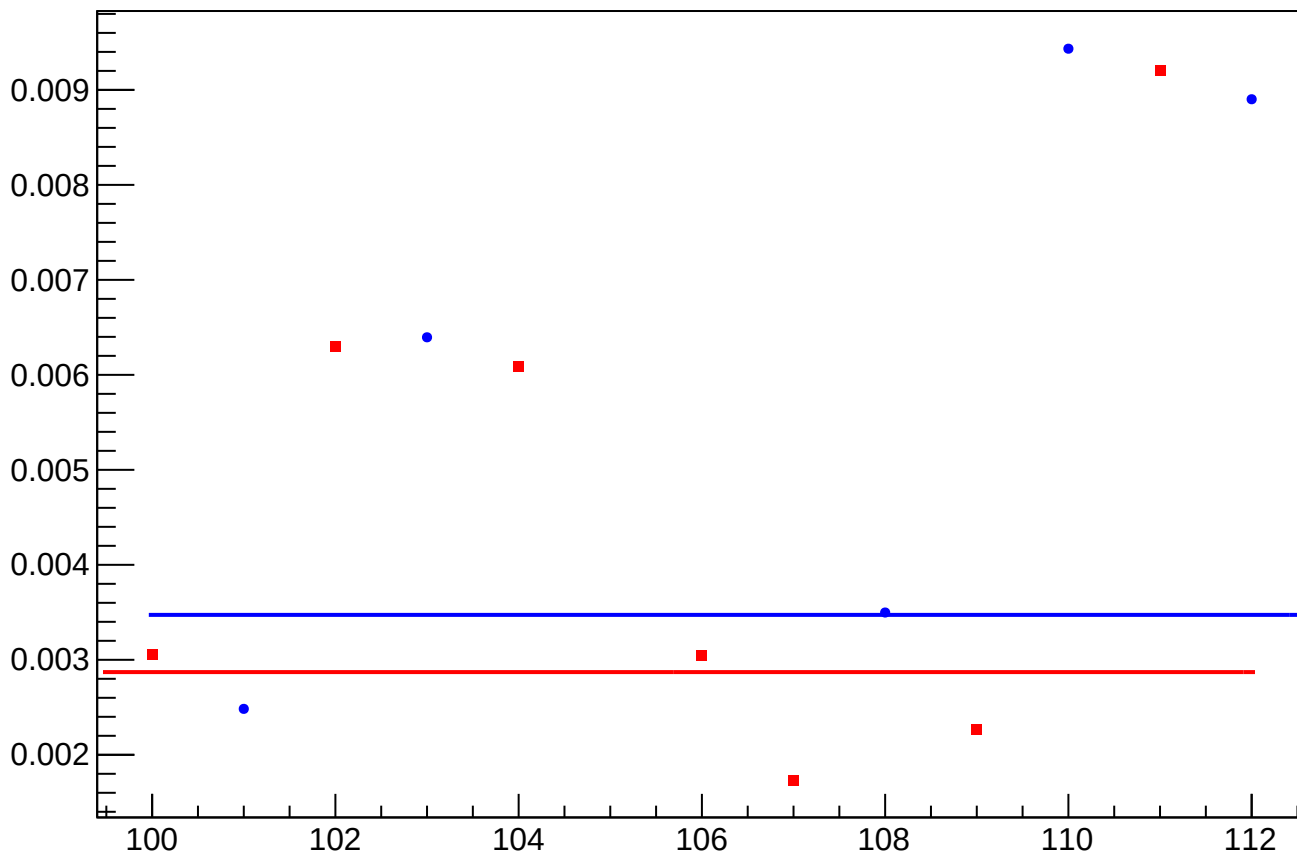
Right: 0.000+/-0.000 χ^2/NDF : 8.0/11

In: 0.000+/-0.000 χ^2/NDF : 4.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.0/11

asym_sam_3726_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1127562.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1366587.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

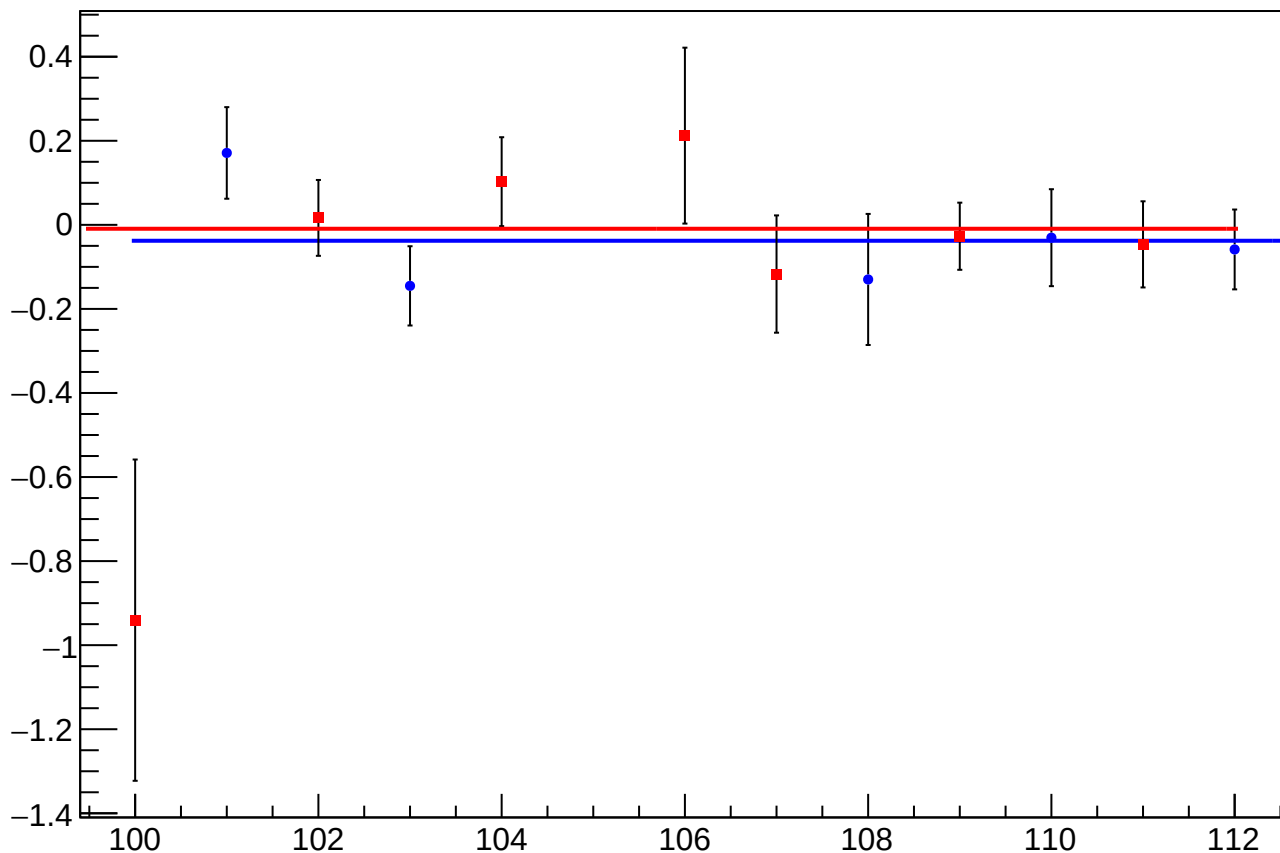
Right: 0.003+/-0.000 χ^2/NDF : 2563974.3/11

In: 0.003+/-0.000 χ^2/NDF : 1127562.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2563974.3/11

asym_sam_3726_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.038 $\pm$ 0.049 χ^2 /NDF: 5.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.009 $\pm$ 0.043 χ^2 /NDF: 9.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

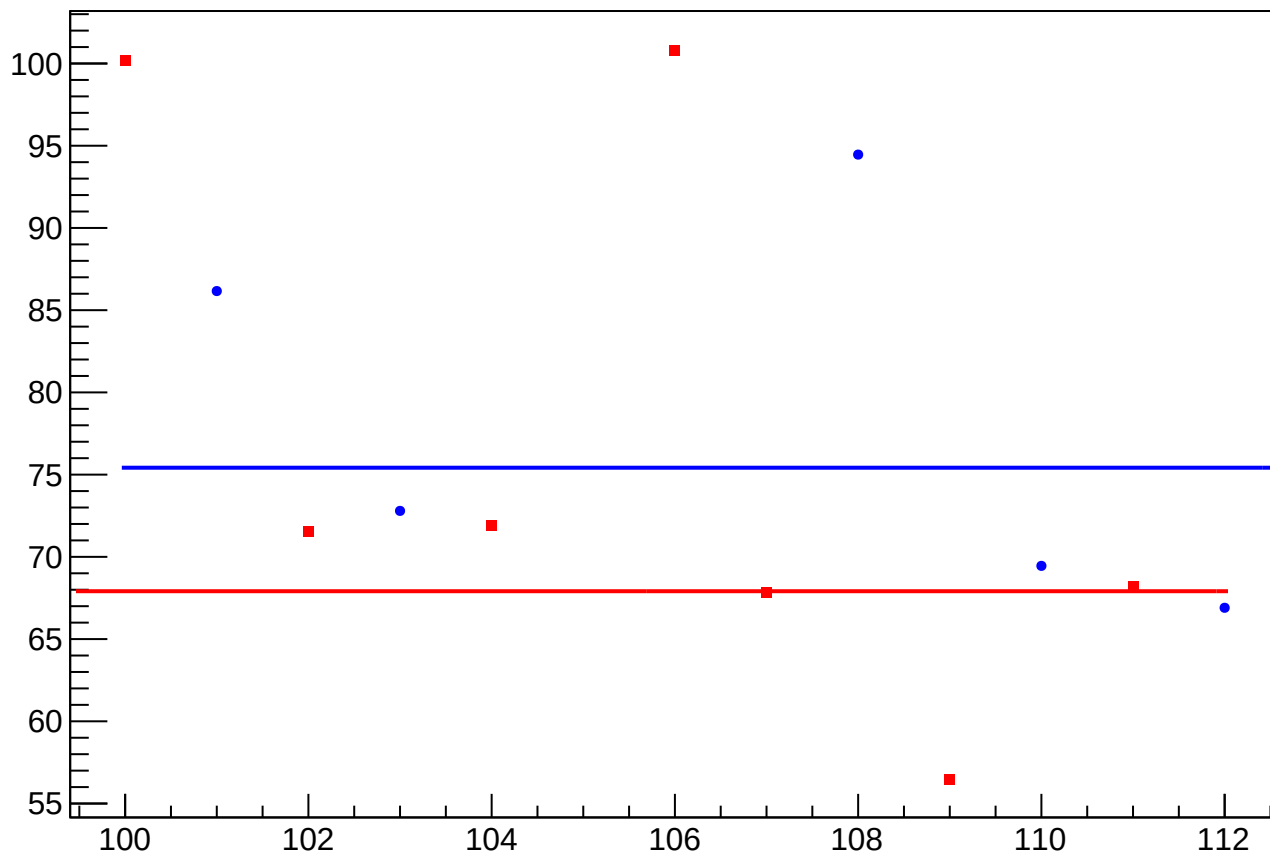
Right: -0.022 $\pm$ 0.032 χ^2 /NDF: 14.6/11

In: -0.038 $\pm$ 0.049 χ^2 /NDF:5.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.022 $\pm$ 0.032 χ^2 /NDF: 14.6/11

asym_sam_3726_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 75.421+/-0.034 χ^2/NDF : 72249.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.910+/-0.030 χ^2/NDF : 111061.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

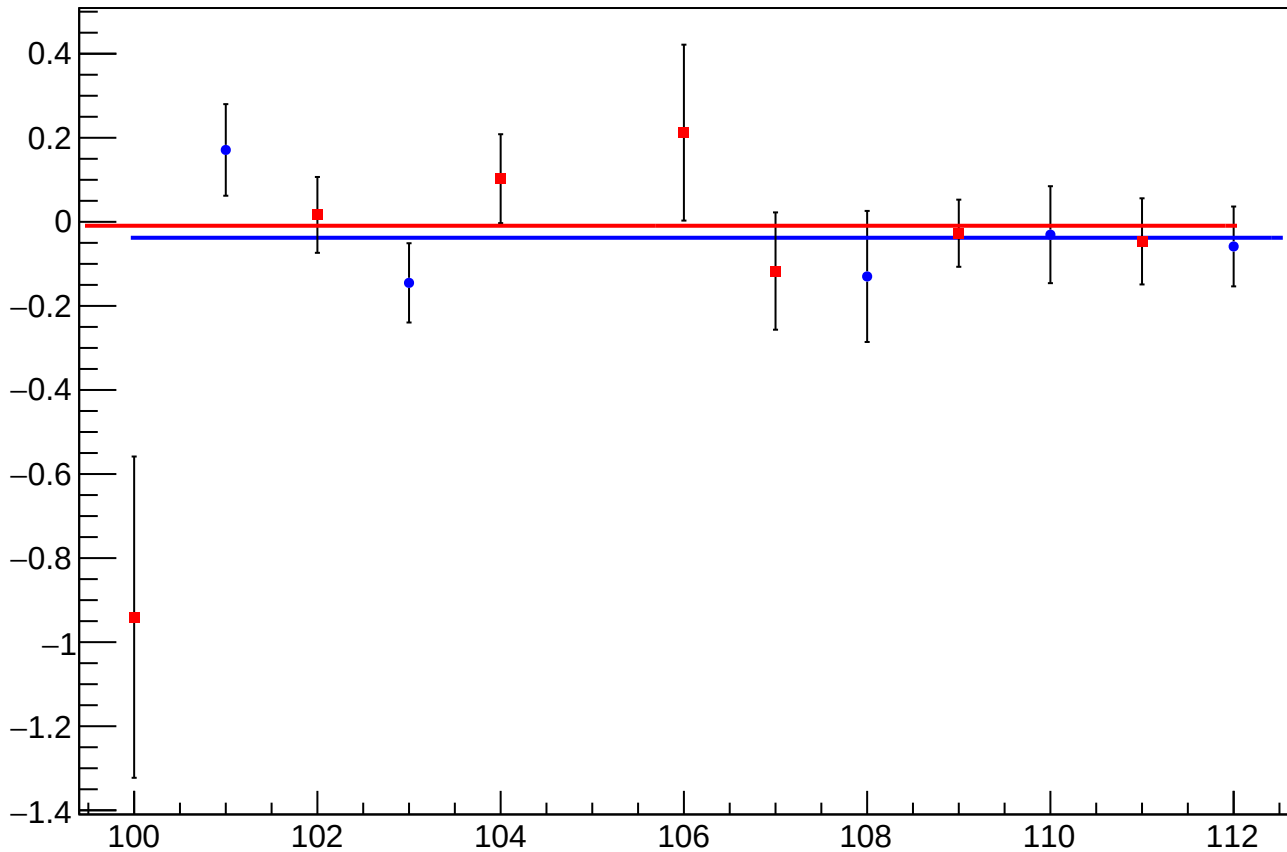
Right: 71.195+/-0.023 χ^2/NDF : 210212.0/11

In: 75.421+/-0.034 χ^2/NDF : 72249.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.195+/-0.023 χ^2/NDF : 210212.0/11

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.038 $\pm$ 0.049 χ^2 /NDF: 5.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.009 $\pm$ 0.043 χ^2 /NDF: 9.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

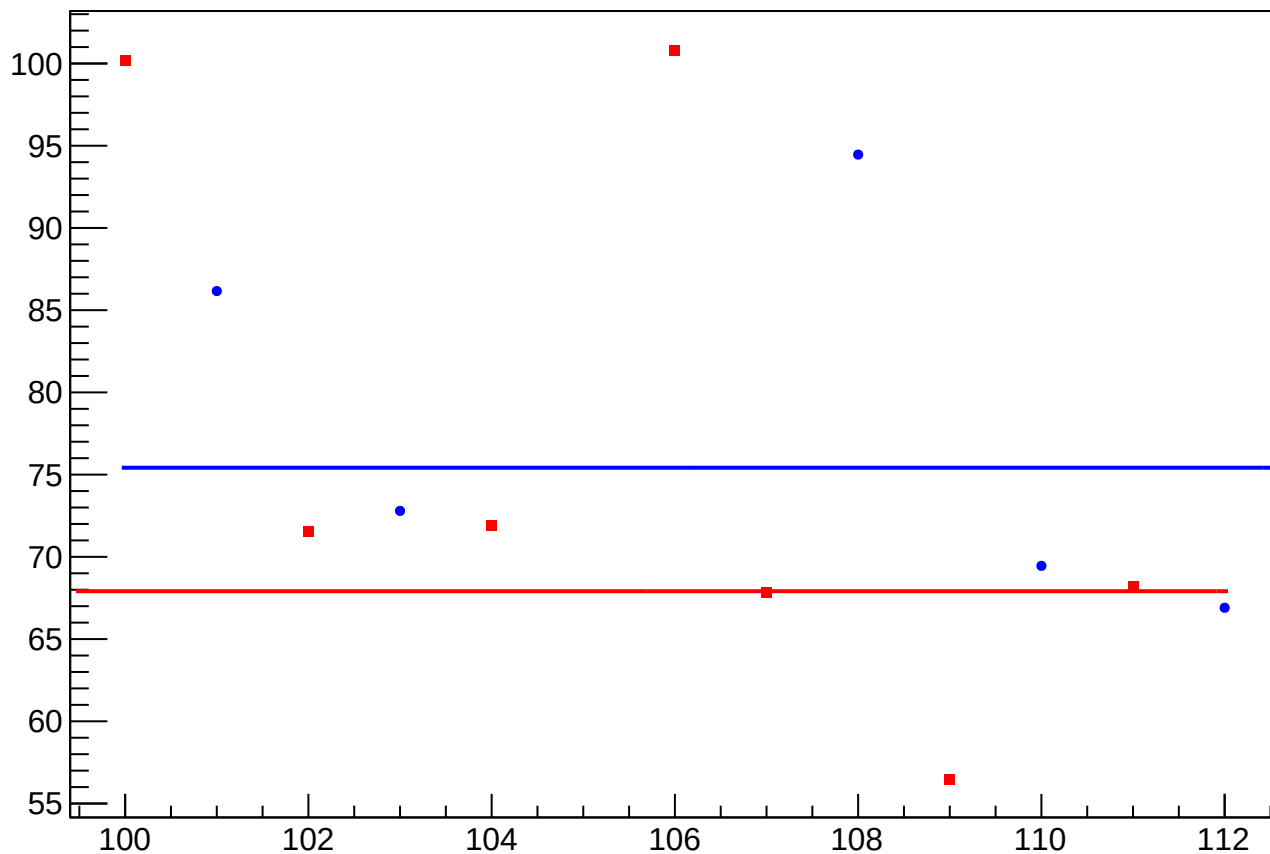
Right: -0.022 $\pm$ 0.032 χ^2 /NDF: 14.6/11

In: -0.038 $\pm$ 0.049 χ^2 /NDF:5.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.022 $\pm$ 0.032 χ^2 /NDF: 14.6/11

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 75.421+/-0.034 χ^2/NDF : 72249.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.910+/-0.030 χ^2/NDF : 111061.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

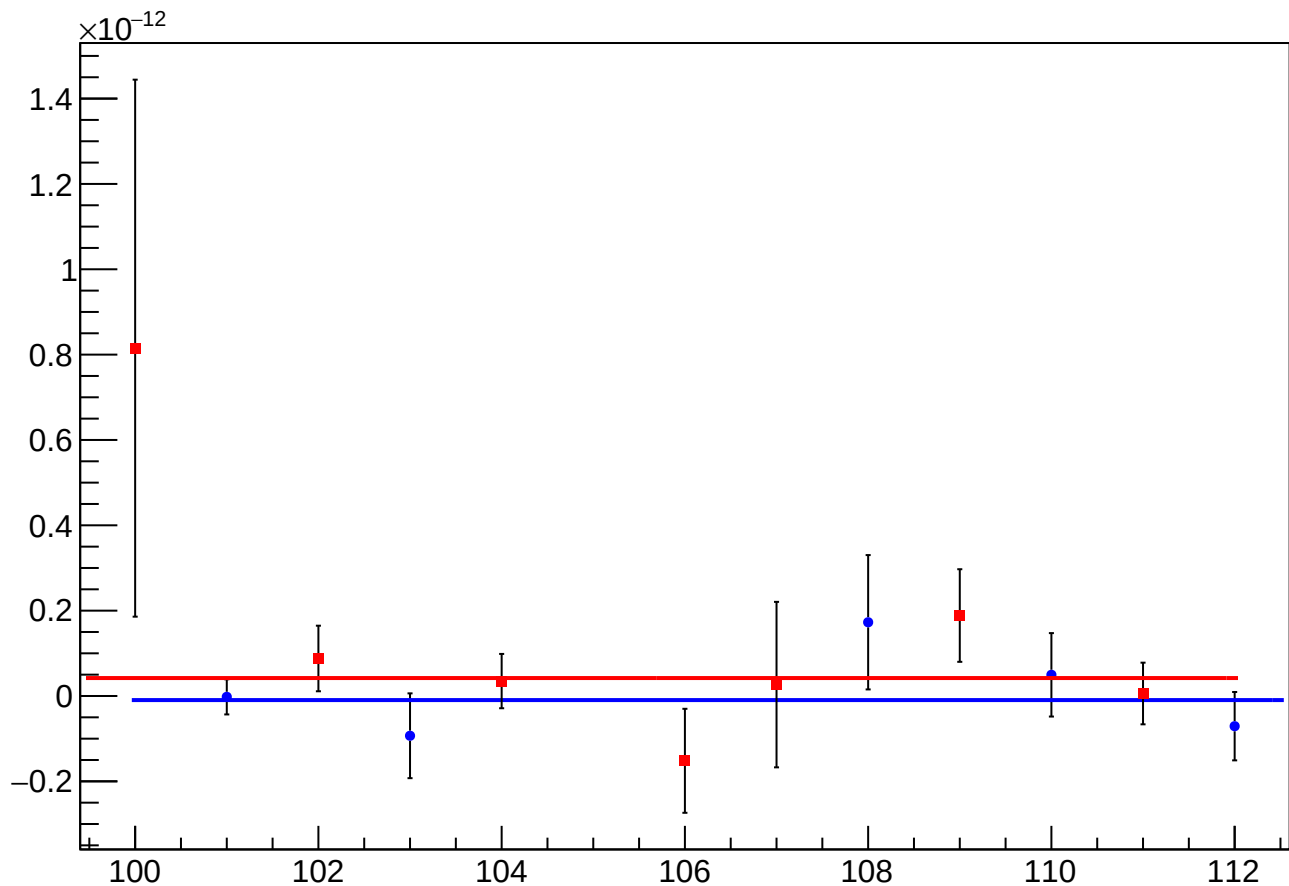
Right: 71.195+/-0.023 χ^2/NDF : 210212.0/11

In: 75.421+/-0.034 χ^2/NDF : 72249.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.195+/-0.023 χ^2/NDF : 210212.0/11

asym_sam_3726_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

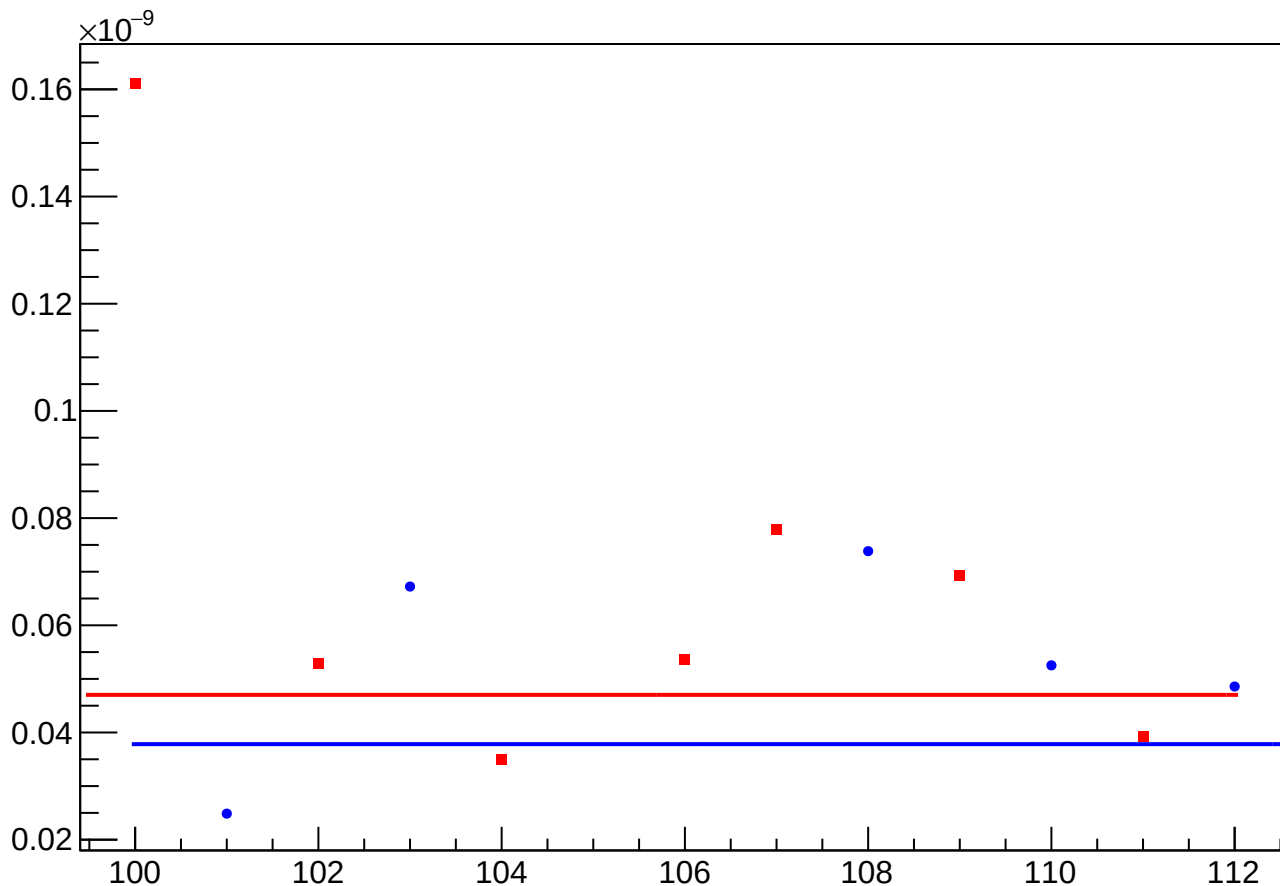
Right: 0.000+/-0.000 χ^2/NDF : 10.7/11

In: -0.000+/-0.000 χ^2/NDF : 3.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.7/11

asym_sam_3726_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 559419.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 313337.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

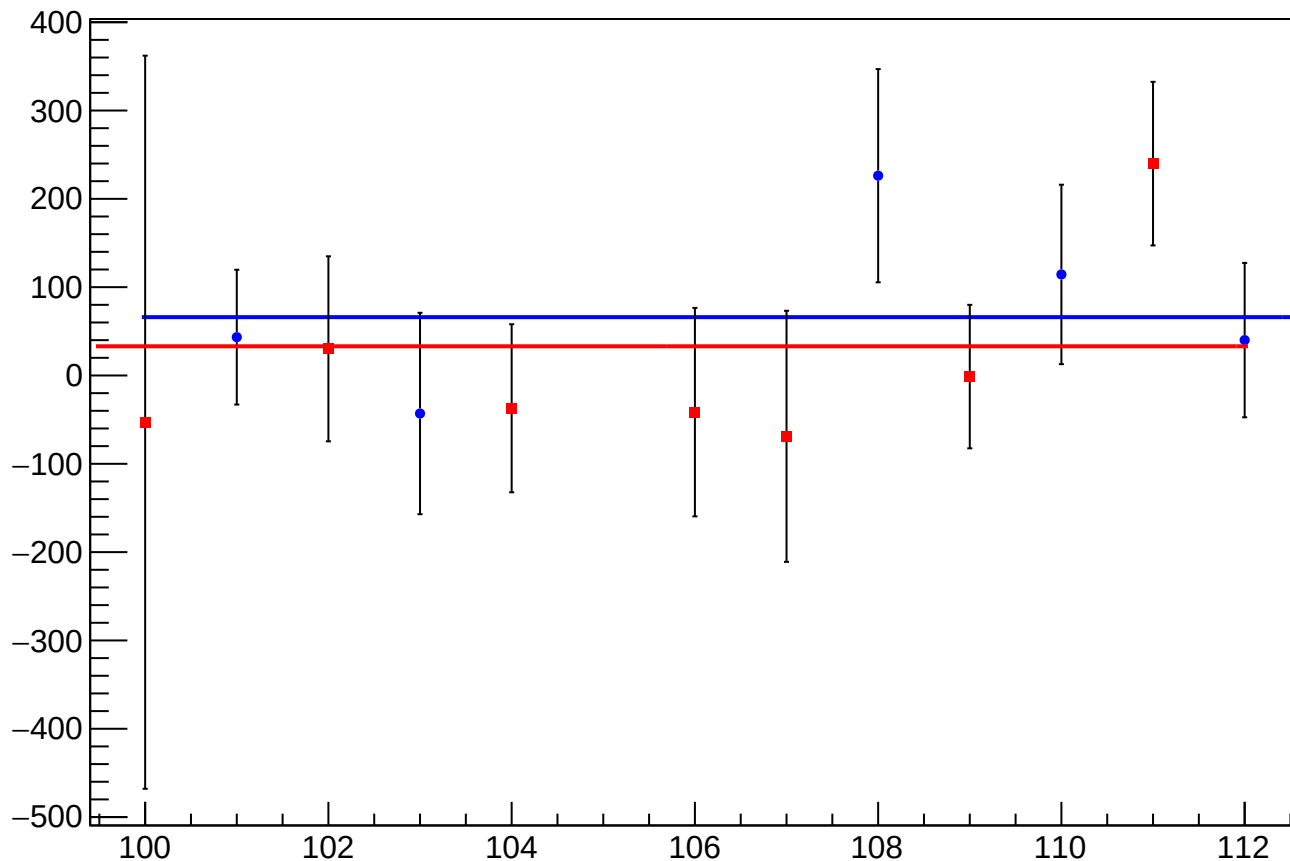
Right: 0.000+/-0.000 χ^2/NDF : 947155.2/11

In: 0.000+/-0.000 χ^2/NDF : 559419.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 947155.2/11

reg_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 66.049 $\pm$ 42.837 χ^2 /NDF: 3.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 33.056 $\pm$ 40.934 χ^2 /NDF: 6.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

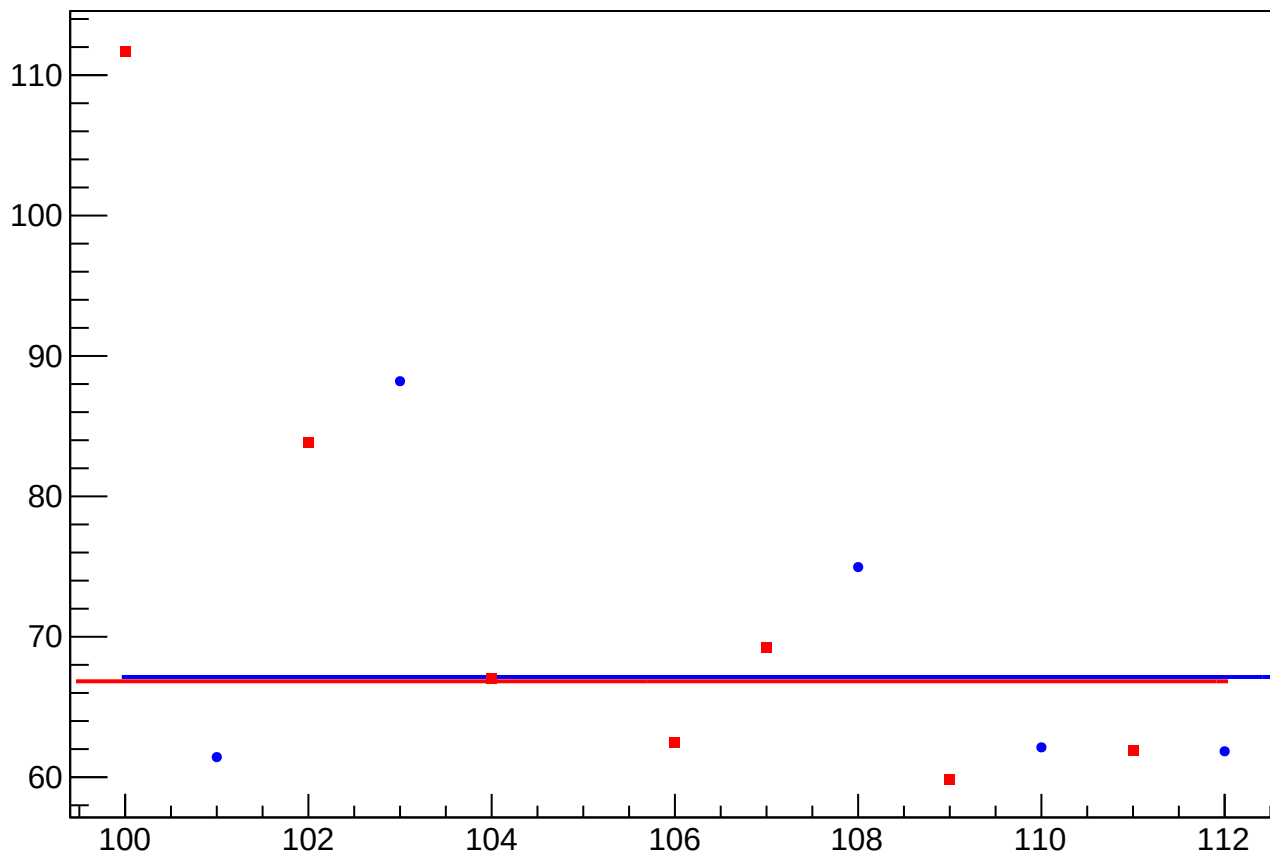
Right: 48.804 $\pm$ 29.595 χ^2 /NDF: 10.1/11

In: 66.049 $\pm$ 42.837 χ^2 /NDF:3.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 48.804 $\pm$ 29.595 χ^2 /NDF: 10.1/11

reg_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 67.136+/-0.030 χ^2/NDF : 100039.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.830+/-0.029 χ^2/NDF : 100026.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

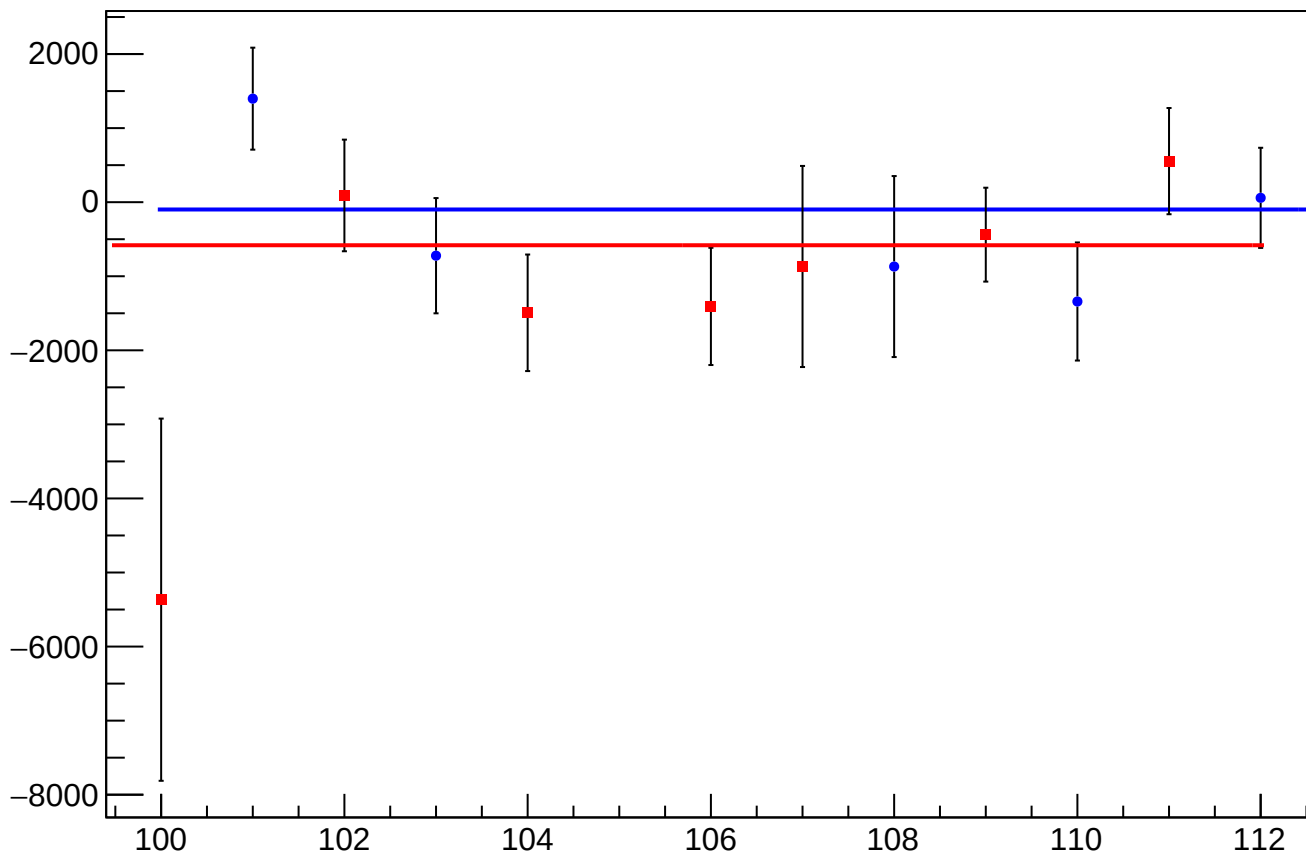
Right: 66.976+/-0.021 χ^2/NDF : 200119.4/11

In: 67.136+/-0.030 χ^2/NDF : 100039.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.976+/-0.021 χ^2/NDF : 200119.4/11

asym_sam_15_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -98.688+/-349.349 χ^2/NDF : 8.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -581.393+/-314.398 χ^2/NDF : 9.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

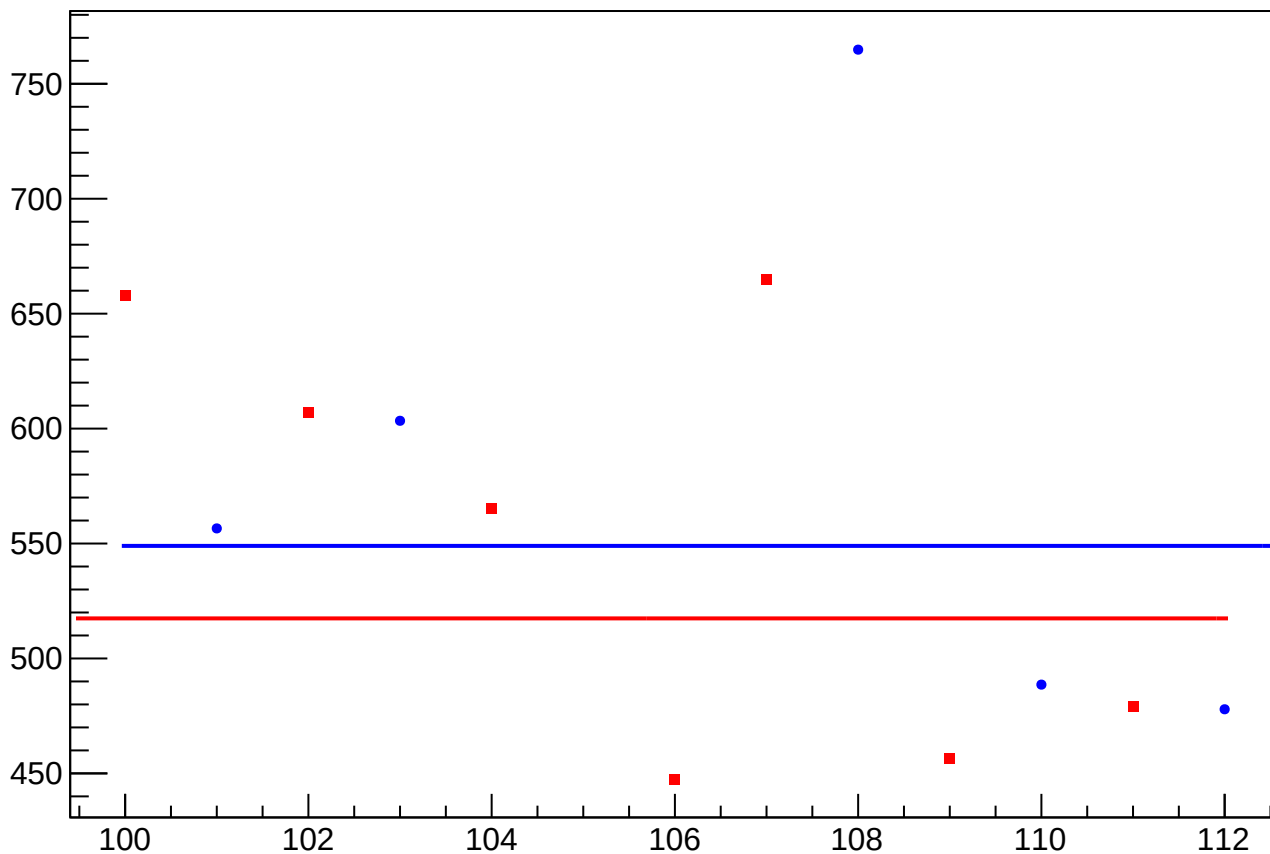
Right: -365.388+/-233.695 χ^2/NDF : 19.0/11

In: -98.688+/-349.349 χ^2/NDF : 8.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -365.388+/-233.695 χ^2/NDF : 19.0/11

asym_sam_15_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 548.974+/-0.247 χ^2/NDF : 106031.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 517.429+/-0.222 χ^2/NDF : 105852.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

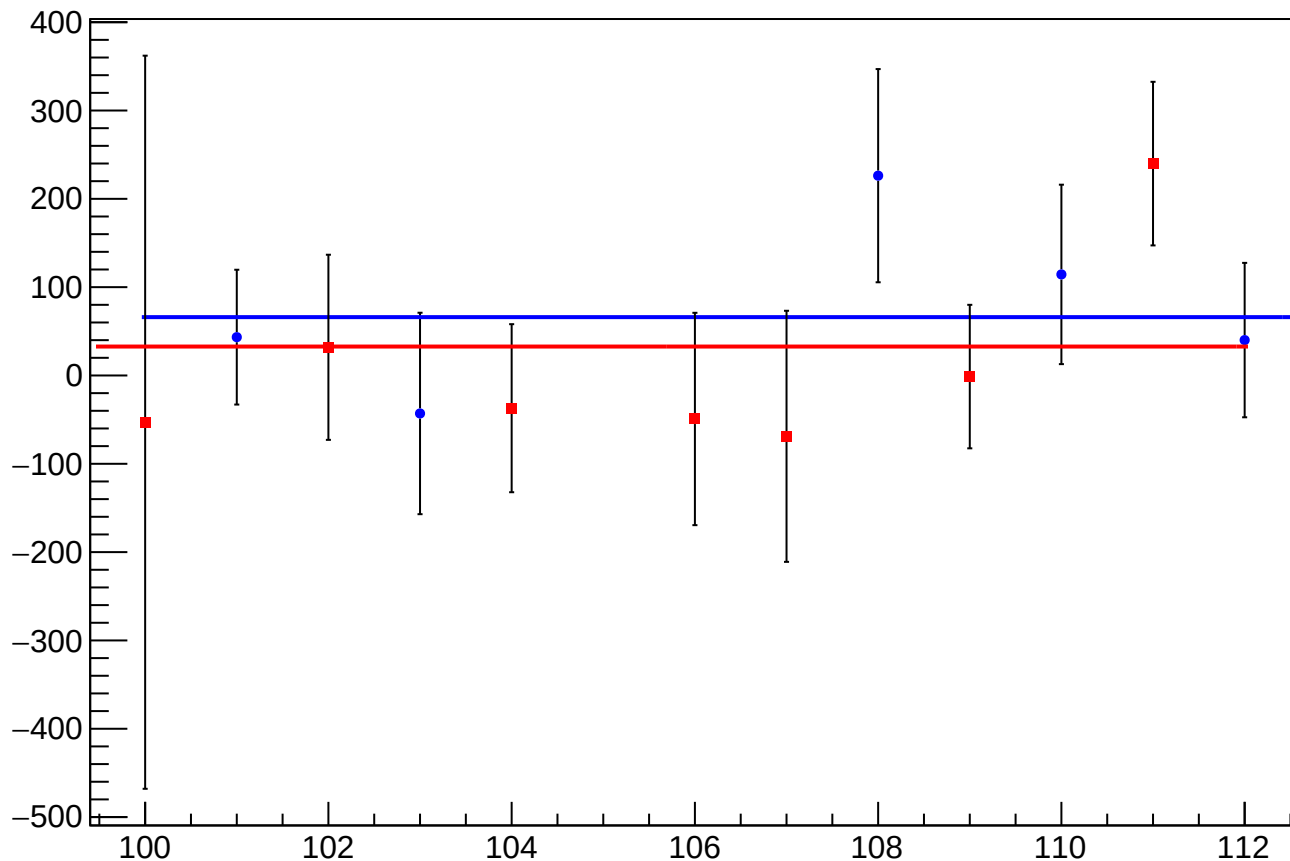
Right: 531.545+/-0.165 χ^2/NDF : 220894.1/11

In: 548.974+/-0.247 χ^2/NDF : 106031.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 531.545+/-0.165 χ^2/NDF : 220894.1/11

cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 66.065 $\pm$ 42.837 χ^2 /NDF: 3.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 32.760 $\pm$ 41.027 χ^2 /NDF: 6.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

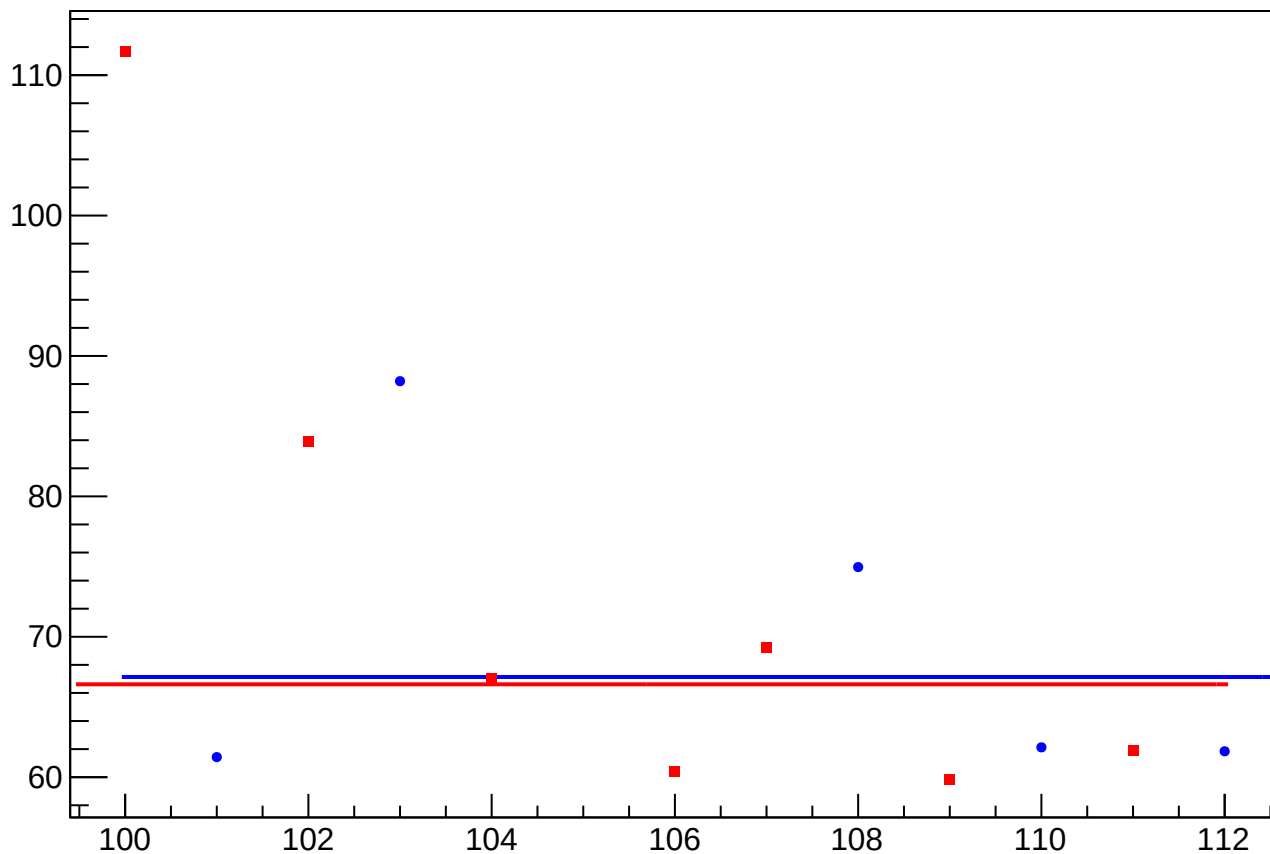
Right: 48.694 $\pm$ 29.630 χ^2 /NDF: 10.1/11

In: 66.065 $\pm$ 42.837 χ^2 /NDF:3.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 48.694 $\pm$ 29.630 χ^2 /NDF: 10.1/11

cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 67.136 $\pm$ 0.030 χ^2 /NDF: 100042.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 66.614 $\pm$ 0.029 χ^2 /NDF: 103096.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

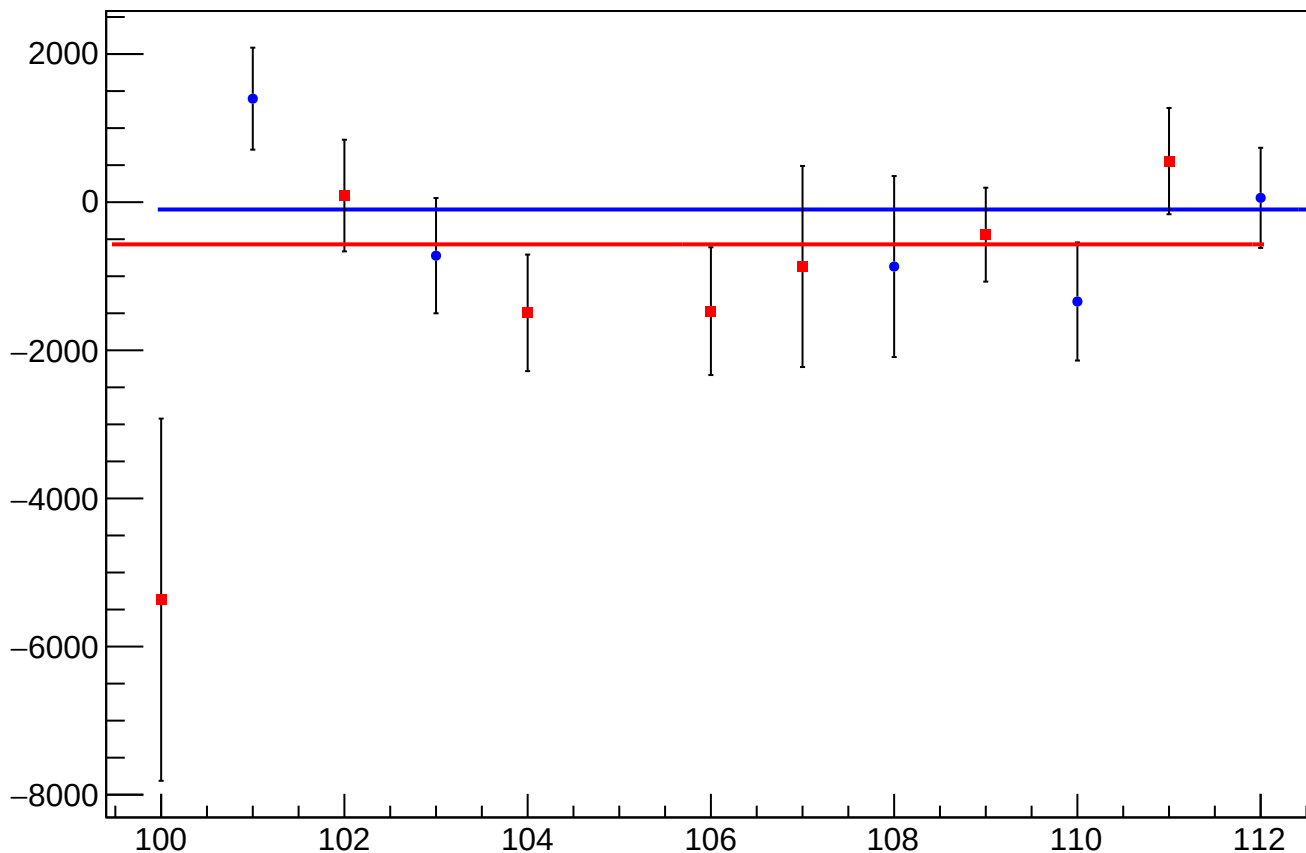
Right: 66.864 $\pm$ 0.021 χ^2 /NDF: 203293.7/11

In: 67.136 $\pm$ 0.030 χ^2 /NDF:100042.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 66.864 $\pm$ 0.021 χ^2 /NDF: 203293.7/11

asym_sam_15_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -98.614 $\pm$ 349.354 χ^2 /NDF: 8.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -569.446 $\pm$ 318.438 χ^2 /NDF: 9.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

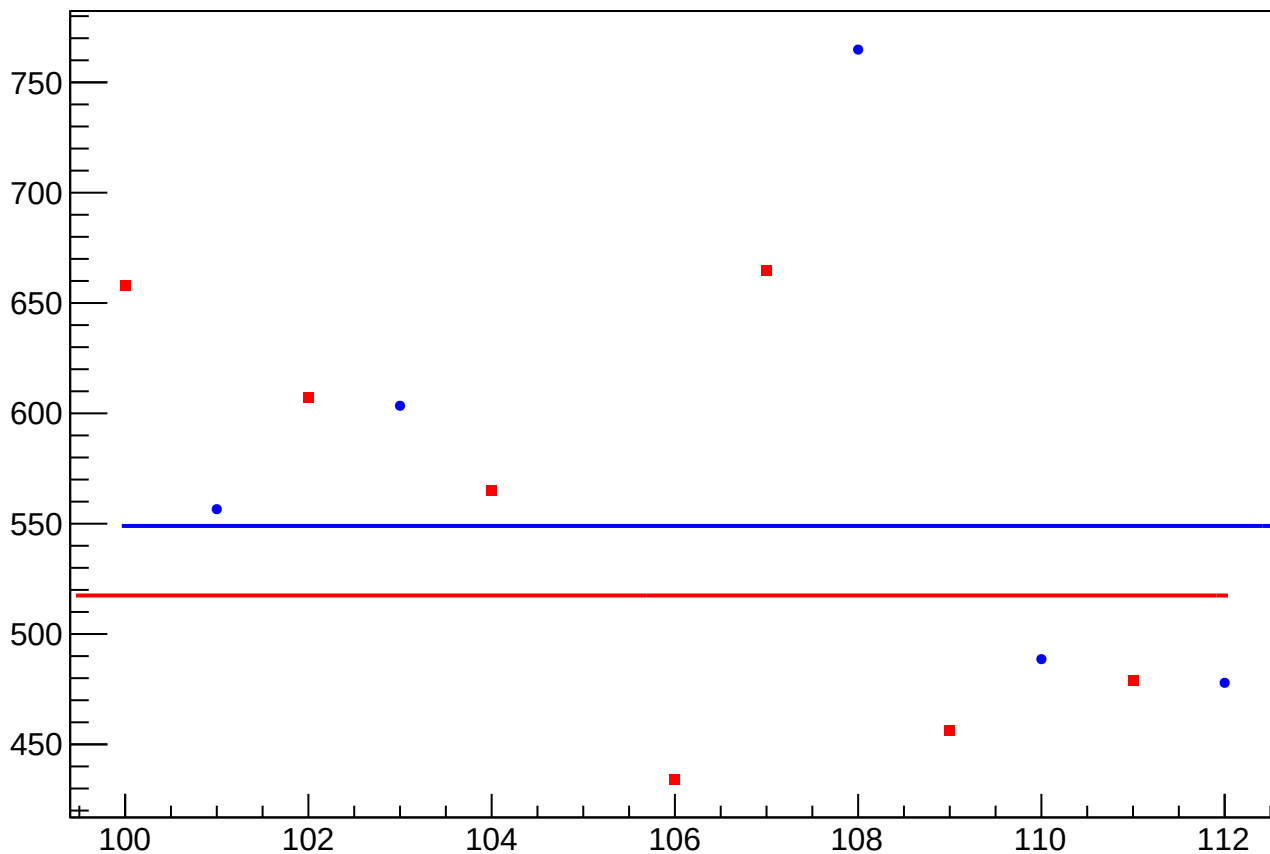
Right: -355.782 $\pm$ 235.342 χ^2 /NDF: 18.9/11

In: -98.614 $\pm$ 349.354 χ^2 /NDF: 8.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -355.782 $\pm$ 235.342 χ^2 /NDF: 18.9/11

asym_sam_15_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 548.981 $\pm$ 0.247 χ^2 /NDF: 106047.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 517.462 $\pm$ 0.225 χ^2 /NDF: 108968.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

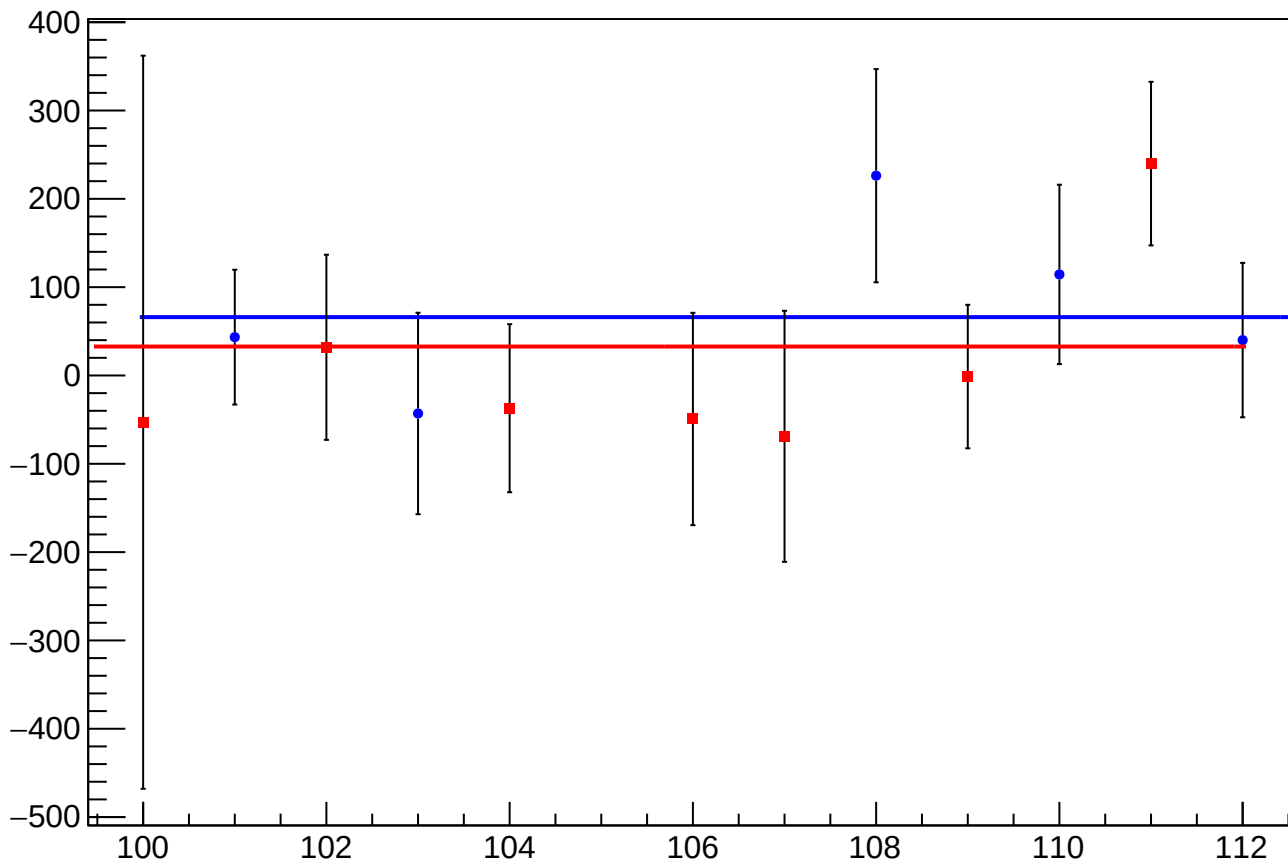
Right: 531.766 $\pm$ 0.166 χ^2 /NDF: 223907.1/11

In: 548.981 $\pm$ 0.247 χ^2 /NDF:106047.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 531.766 $\pm$ 0.166 χ^2 /NDF: 223907.1/11

eigen_cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 66.065+/-42.837 χ^2/NDF : 3.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.760+/-41.027 χ^2/NDF : 6.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

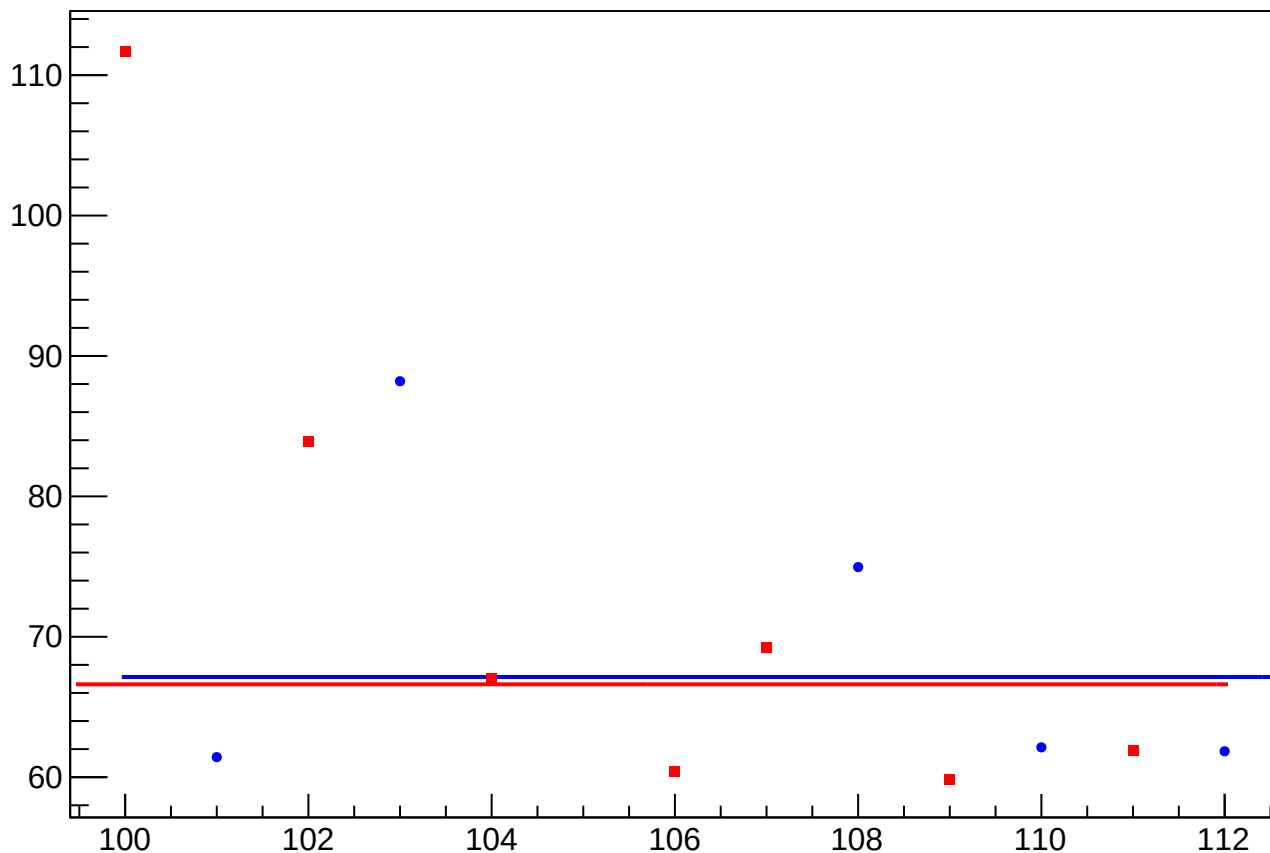
Right: 48.694+/-29.630 χ^2/NDF : 10.1/11

In: 66.065+/-42.837 χ^2/NDF : 3.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.694+/-29.630 χ^2/NDF : 10.1/11

eigen_cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 67.136 $\pm$ 0.030 χ^2 /NDF: 100042.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 66.614 $\pm$ 0.029 χ^2 /NDF: 103096.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

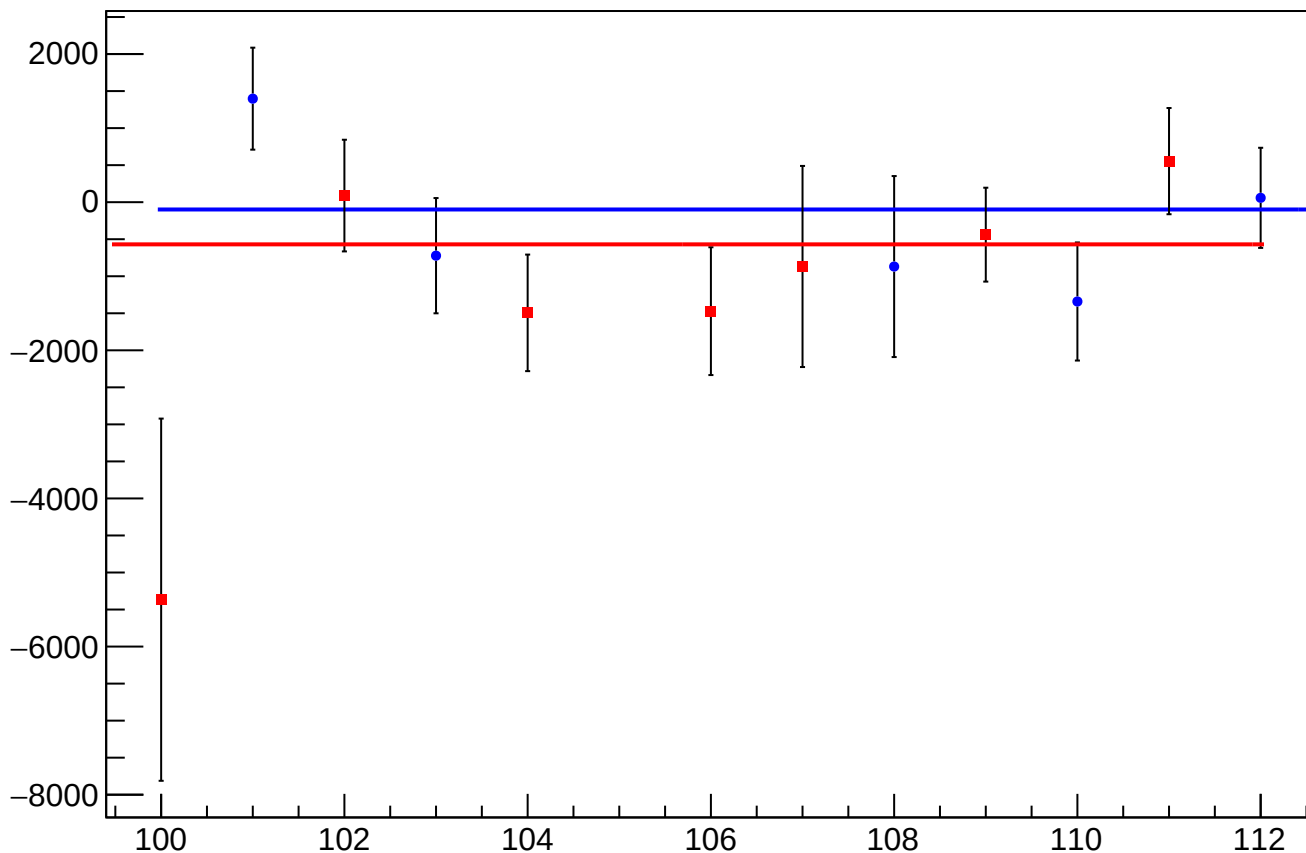
Right: 66.864 $\pm$ 0.021 χ^2 /NDF: 203293.7/11

In: 67.136 $\pm$ 0.030 χ^2 /NDF:100042.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 66.864 $\pm$ 0.021 χ^2 /NDF: 203293.7/11

asym_sam_15_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -98.614 ± 349.354 χ^2/NDF : 8.2/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -569.446 ± 318.438 χ^2/NDF : 9.6/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

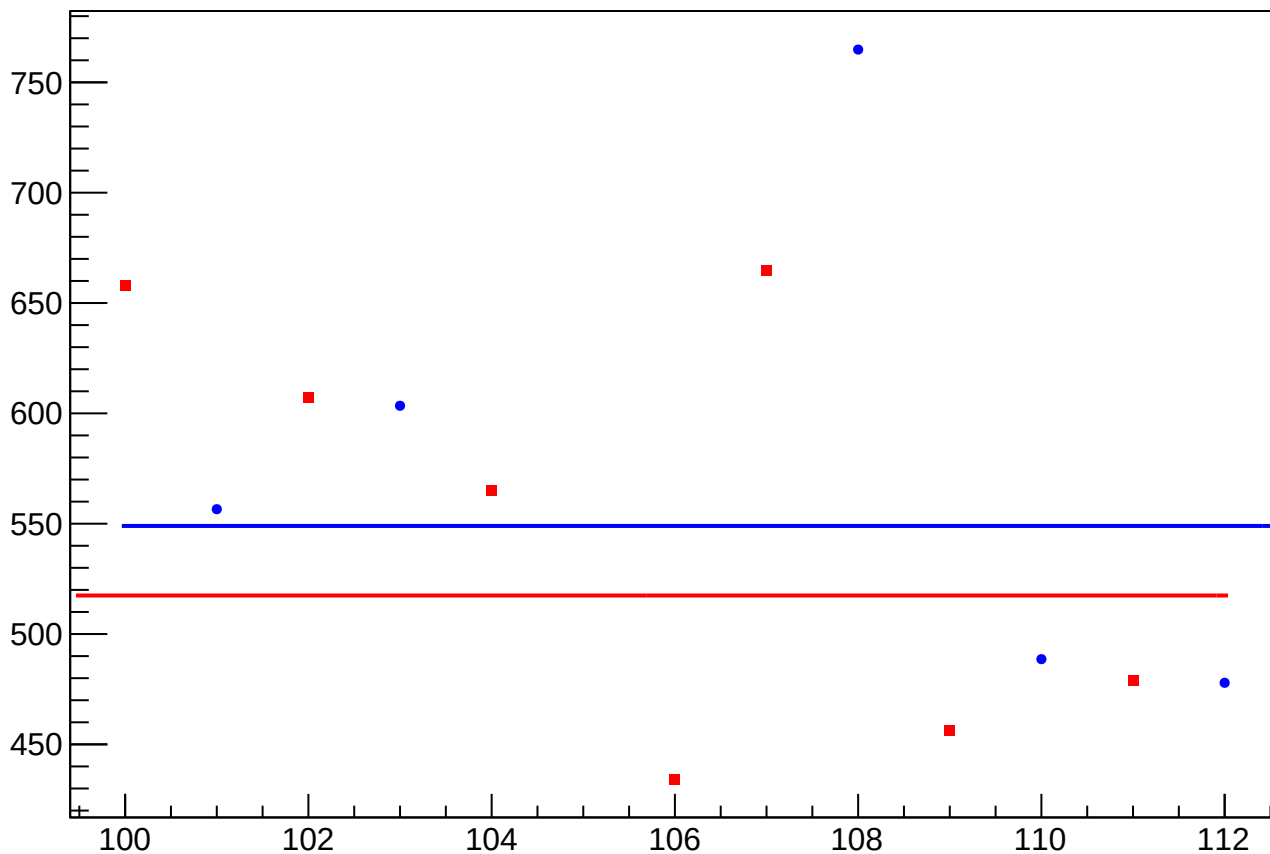
Right: -355.782 ± 235.342 χ^2/NDF : 18.9/11

In: -98.614 ± 349.354 χ^2/NDF : 8.2/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -355.782 ± 235.342 χ^2/NDF : 18.9/11

asym_sam_15_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 548.981+/-0.247 χ^2/NDF : 106047.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 517.462+/-0.225 χ^2/NDF : 108968.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

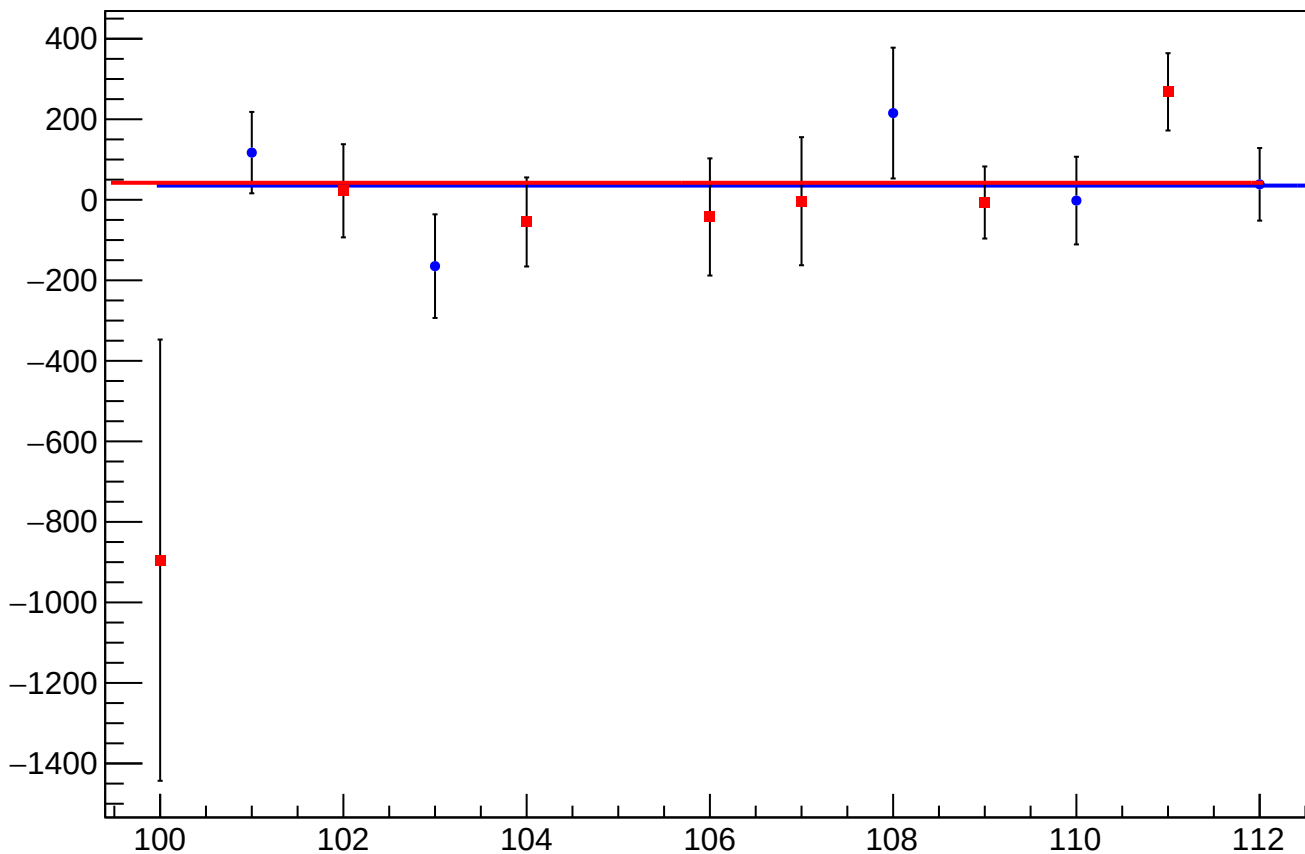
Right: 531.766+/-0.166 χ^2/NDF : 223907.1/11

In: 548.981+/-0.247 χ^2/NDF : 106047.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 531.766+/-0.166 χ^2/NDF : 223907.1/11

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 35.299+/-49.780 χ^2/NDF : 4.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.277+/-45.653 χ^2/NDF : 10.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

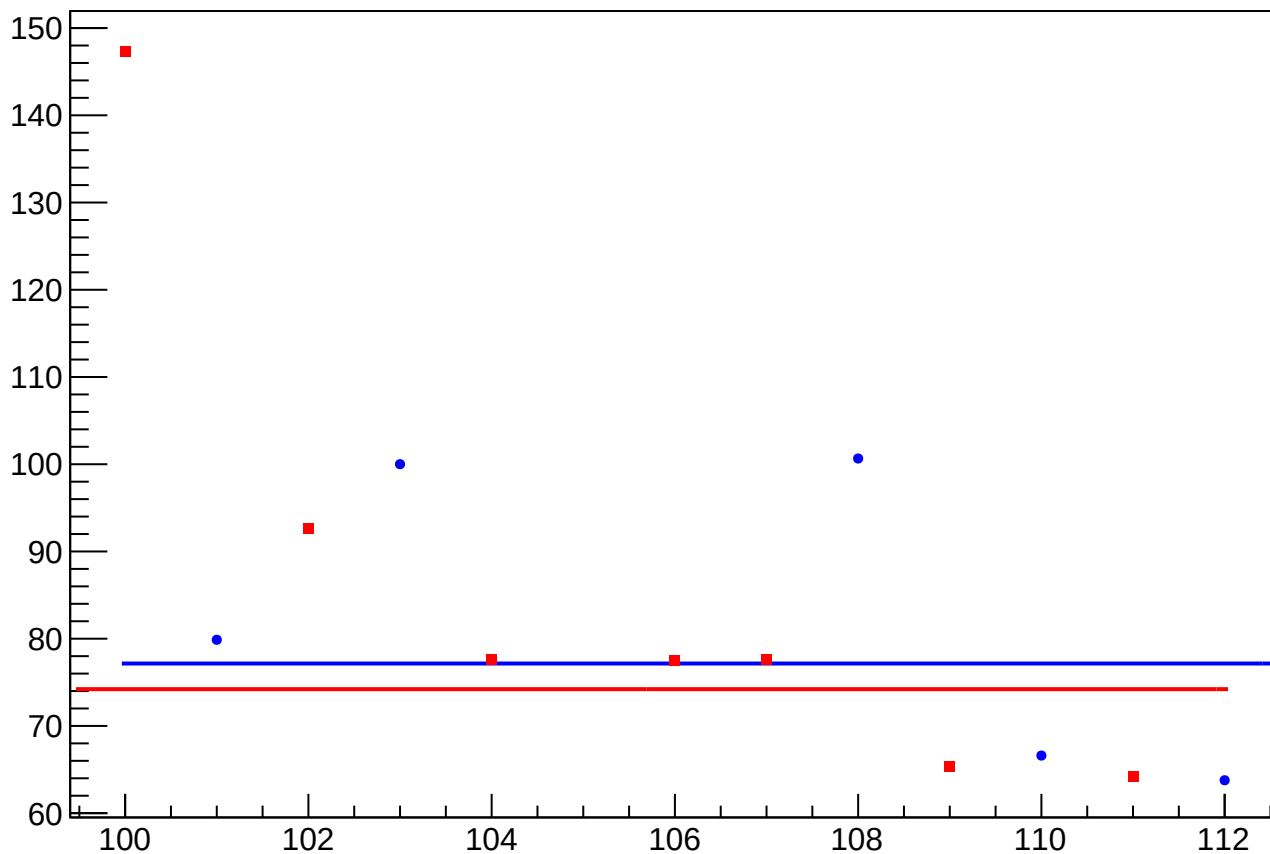
Right: 39.089+/-33.646 χ^2/NDF : 14.4/11

In: 35.299+/-49.780 χ^2/NDF : 4.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.089+/-33.646 χ^2/NDF : 14.4/11

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 77.156+/-0.035 χ^2/NDF : 169224.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.218+/-0.032 χ^2/NDF : 131691.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

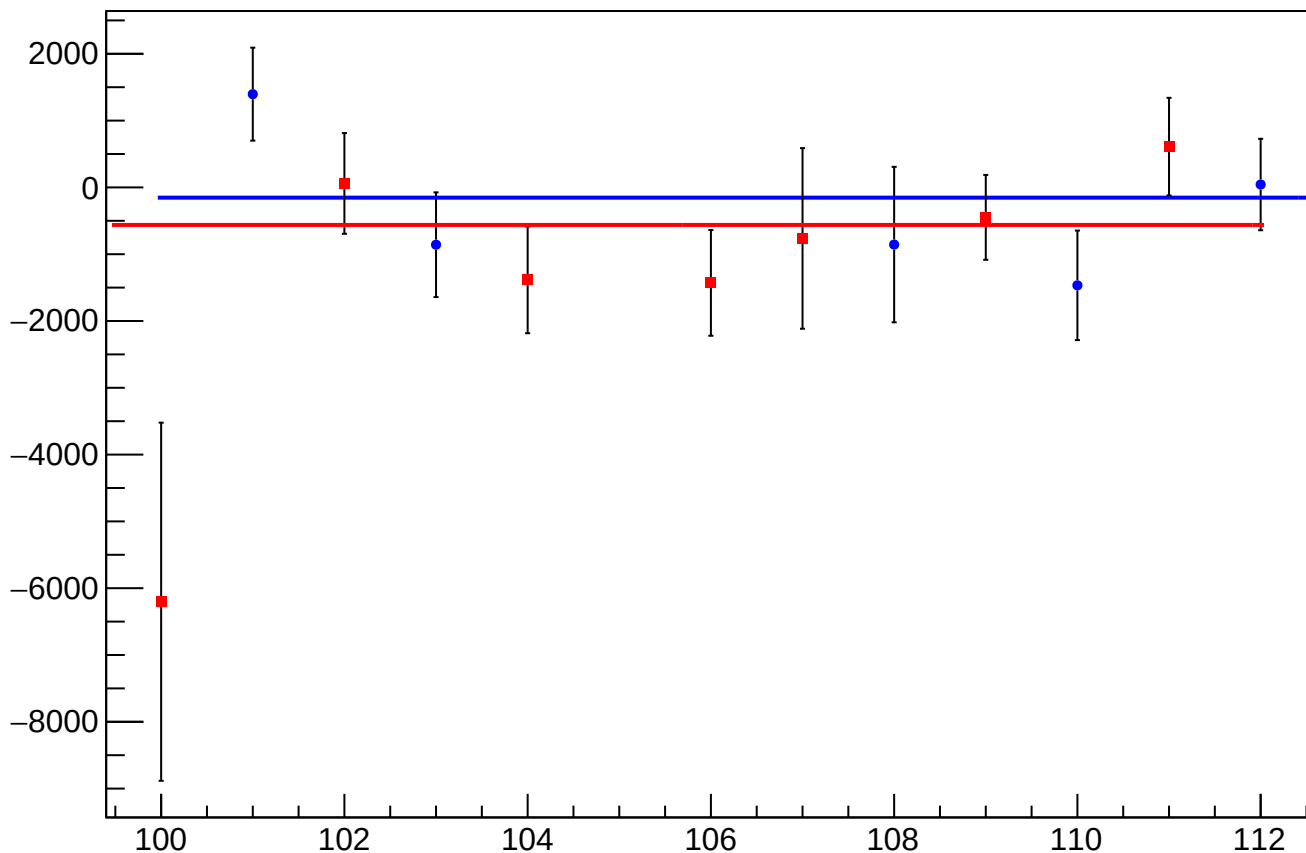
Right: 75.560+/-0.024 χ^2/NDF : 304700.6/11

In: 77.156+/-0.035 χ^2/NDF : 169224.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.560+/-0.024 χ^2/NDF : 304700.6/11

asym_sam_15_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -153.268+/-352.438 χ^2/NDF : 8.8/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -562.043+/-316.863 χ^2/NDF : 10.0/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

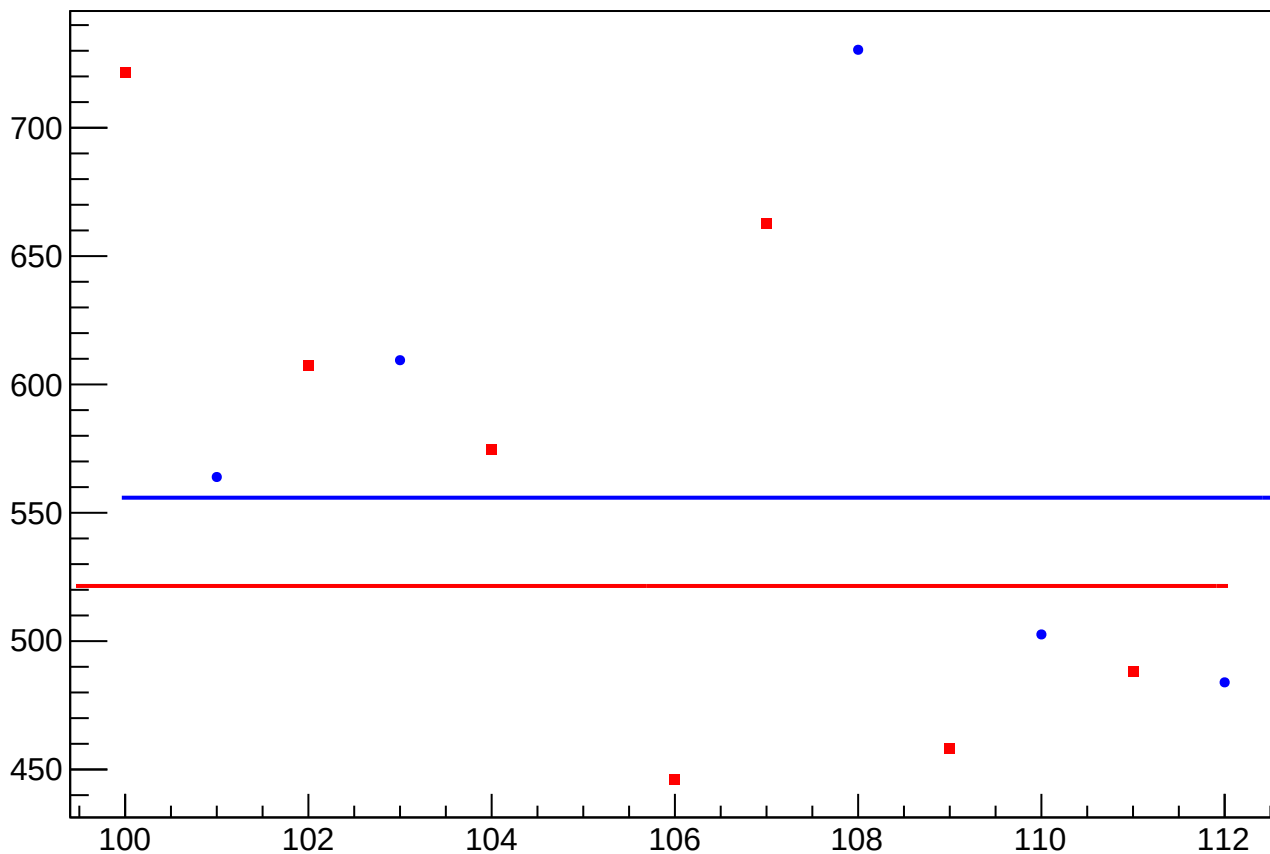
Right: -379.321+/-235.632 χ^2/NDF : 19.5/11

In: -153.268+/-352.438 χ^2/NDF :8.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -379.321+/-235.632 χ^2/NDF : 19.5/11

asym_sam_15_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 555.883+/-0.249 χ^2/NDF : 85107.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 521.493+/-0.224 χ^2/NDF : 110063.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

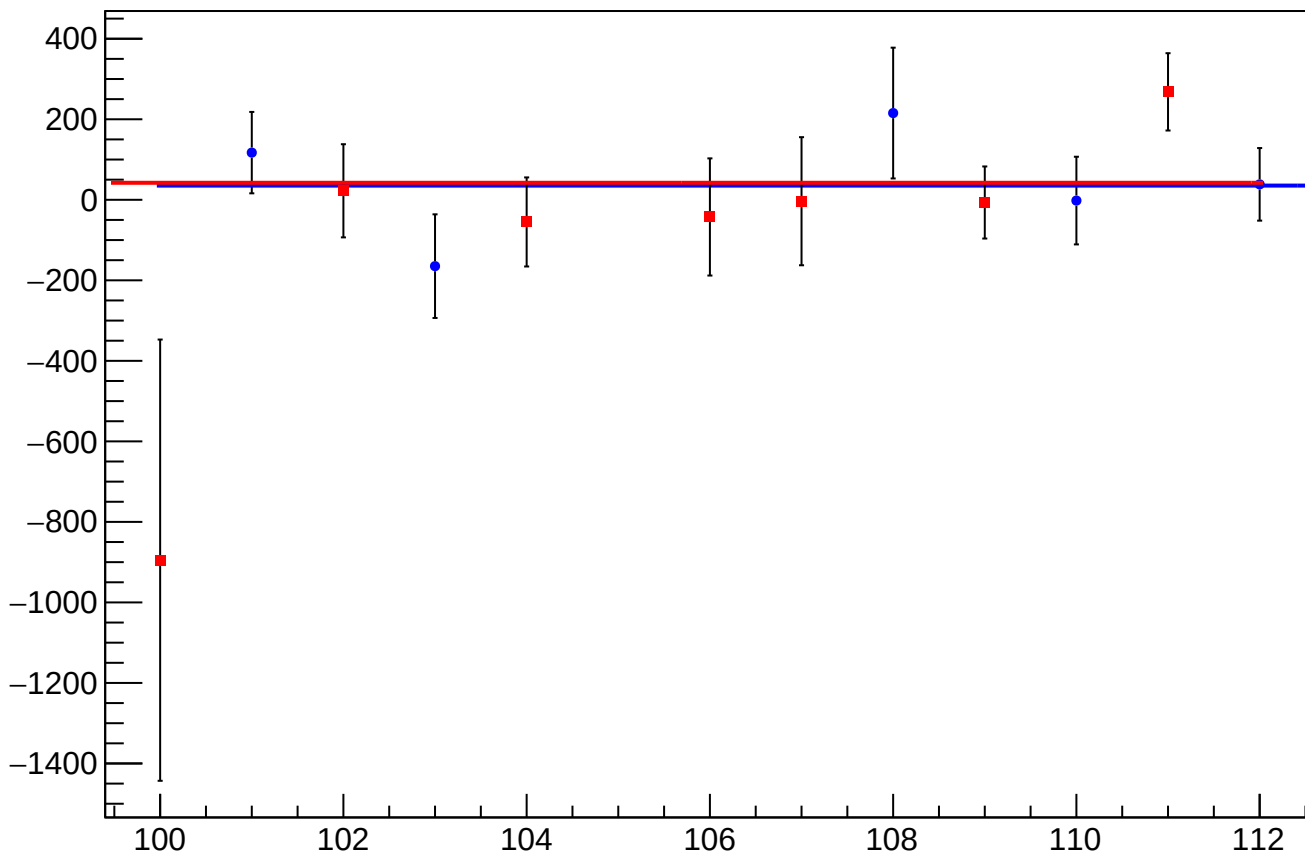
Right: 536.865+/-0.167 χ^2/NDF : 205701.6/11

In: 555.883+/-0.249 χ^2/NDF : 85107.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 536.865+/-0.167 χ^2/NDF : 205701.6/11

eigen_dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 35.299+/-49.780 χ^2/NDF : 4.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.279+/-45.653 χ^2/NDF : 10.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

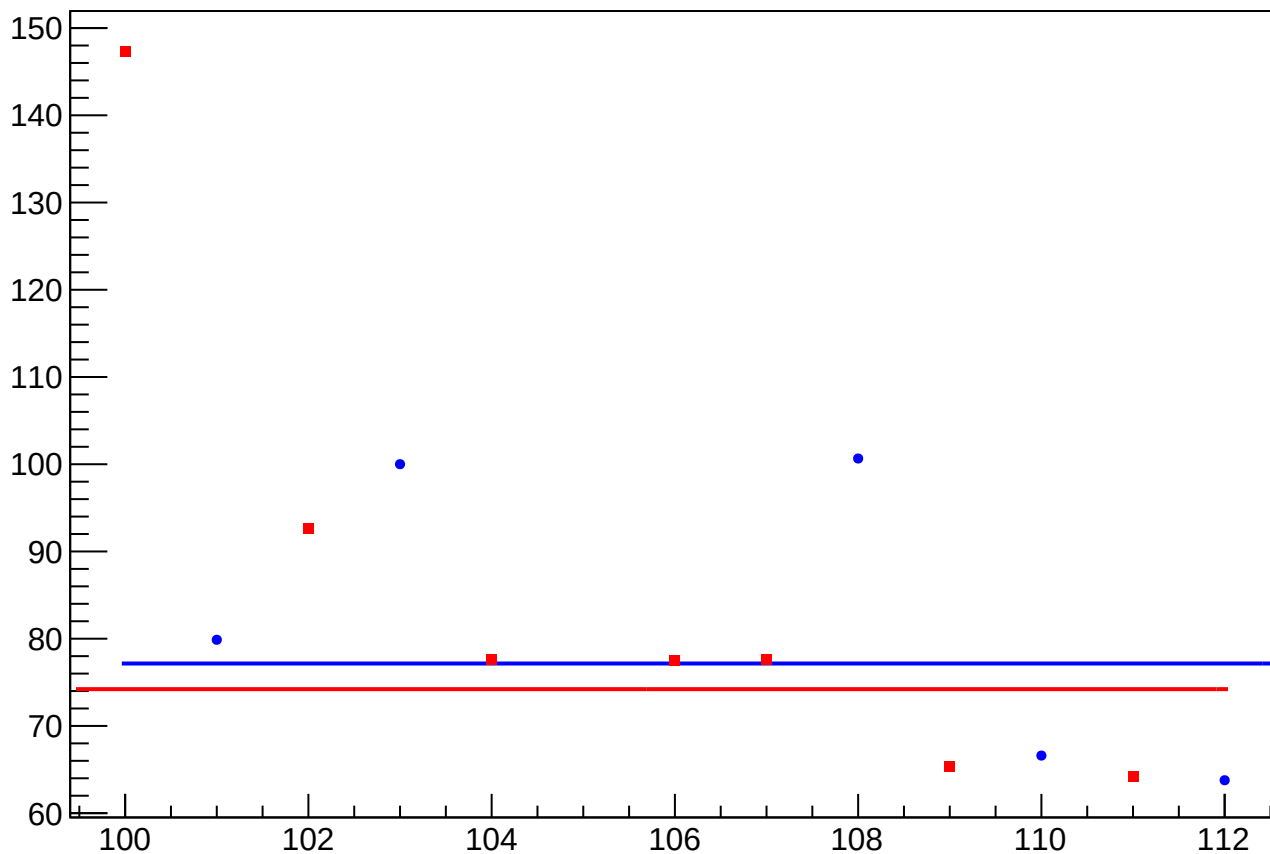
Right: 39.090+/-33.646 χ^2/NDF : 14.4/11

In: 35.299+/-49.780 χ^2/NDF : 4.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.090+/-33.646 χ^2/NDF : 14.4/11

eigen_dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 77.156+/-0.035 χ^2/NDF : 169228.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.218+/-0.032 χ^2/NDF : 131691.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

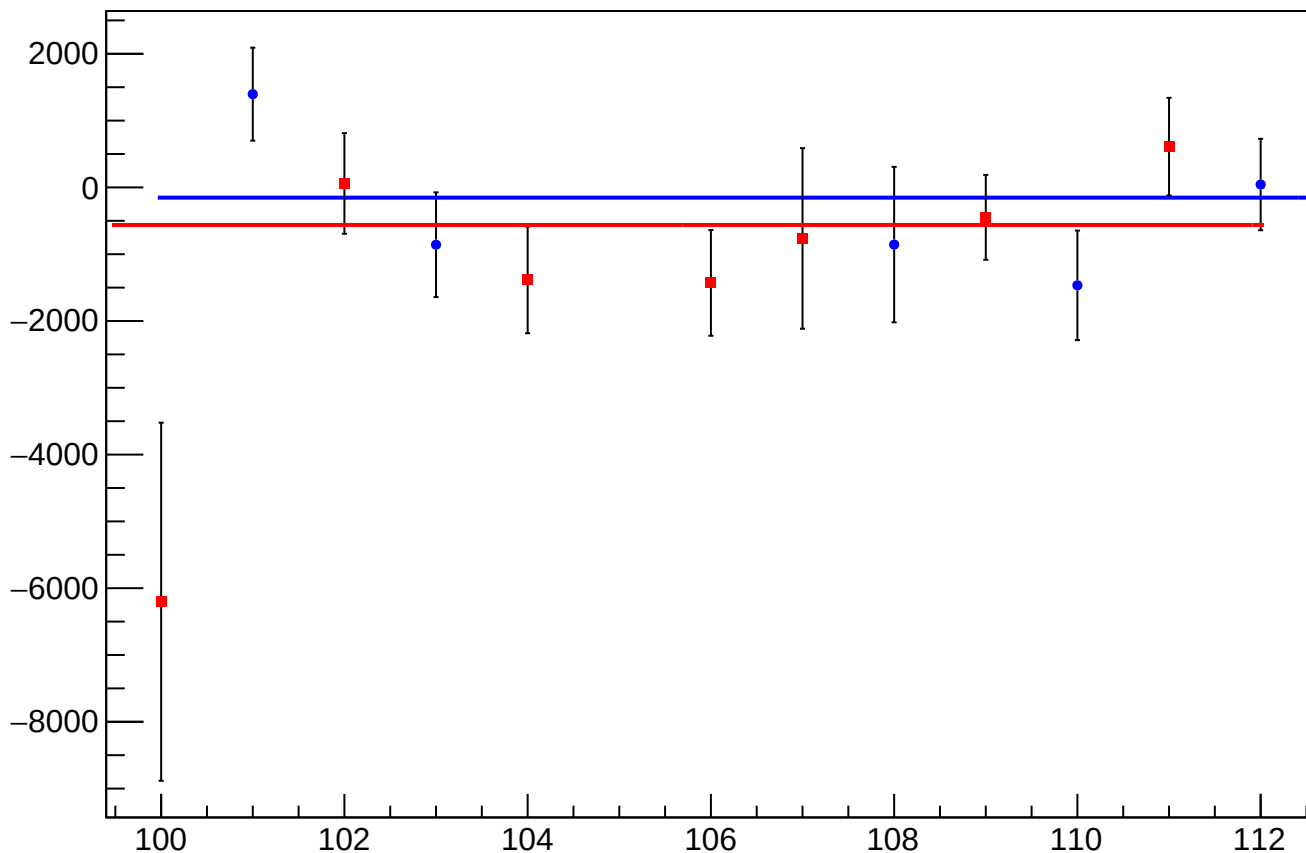
Right: 75.560+/-0.024 χ^2/NDF : 304704.7/11

In: 77.156+/-0.035 χ^2/NDF : 169228.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.560+/-0.024 χ^2/NDF : 304704.7/11

asym_sam_15_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -153.268+/-352.437 χ^2/NDF : 8.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -562.042+/-316.863 χ^2/NDF : 10.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

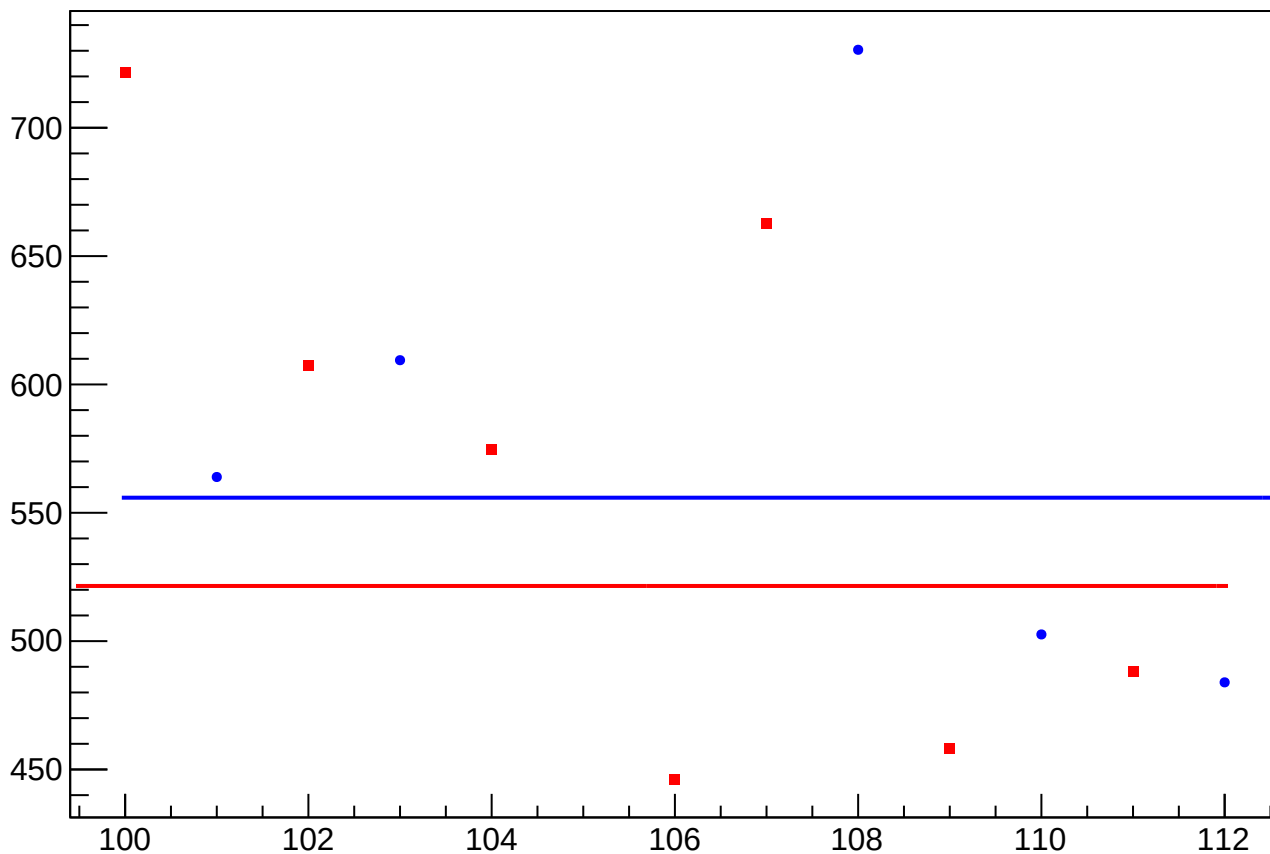
Right: -379.321+/-235.632 χ^2/NDF : 19.5/11

In: -153.268+/-352.437 χ^2/NDF : 8.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -379.321+/-235.632 χ^2/NDF : 19.5/11

asym_sam_15_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 555.883+/-0.249 χ^2/NDF : 85107.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 521.492+/-0.224 χ^2/NDF : 110064.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

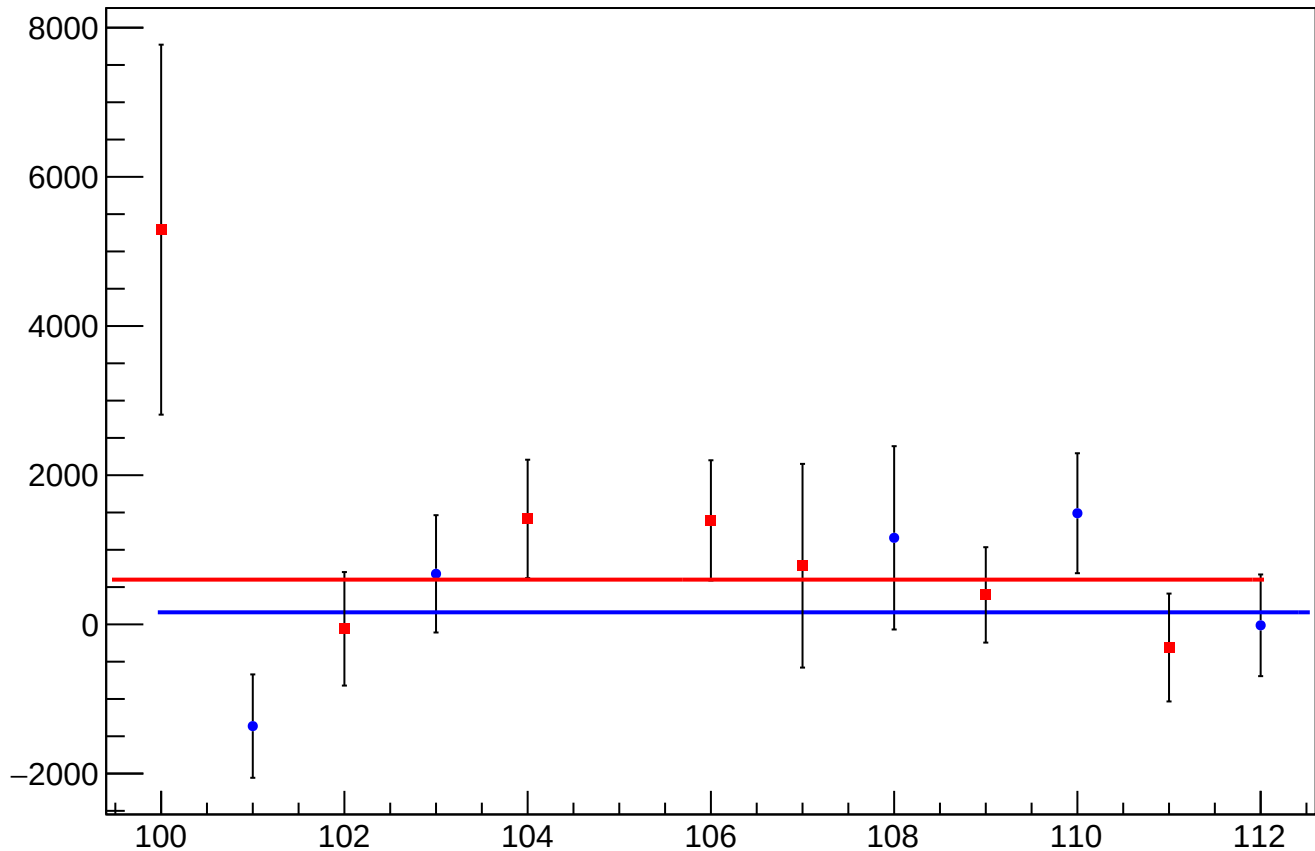
Right: 536.865+/-0.167 χ^2/NDF : 205702.8/11

In: 555.883+/-0.249 χ^2/NDF : 85107.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 536.865+/-0.167 χ^2/NDF : 205702.8/11

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 161.810+/-352.232 χ^2/NDF : 8.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 600.025+/-317.625 χ^2/NDF : 8.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

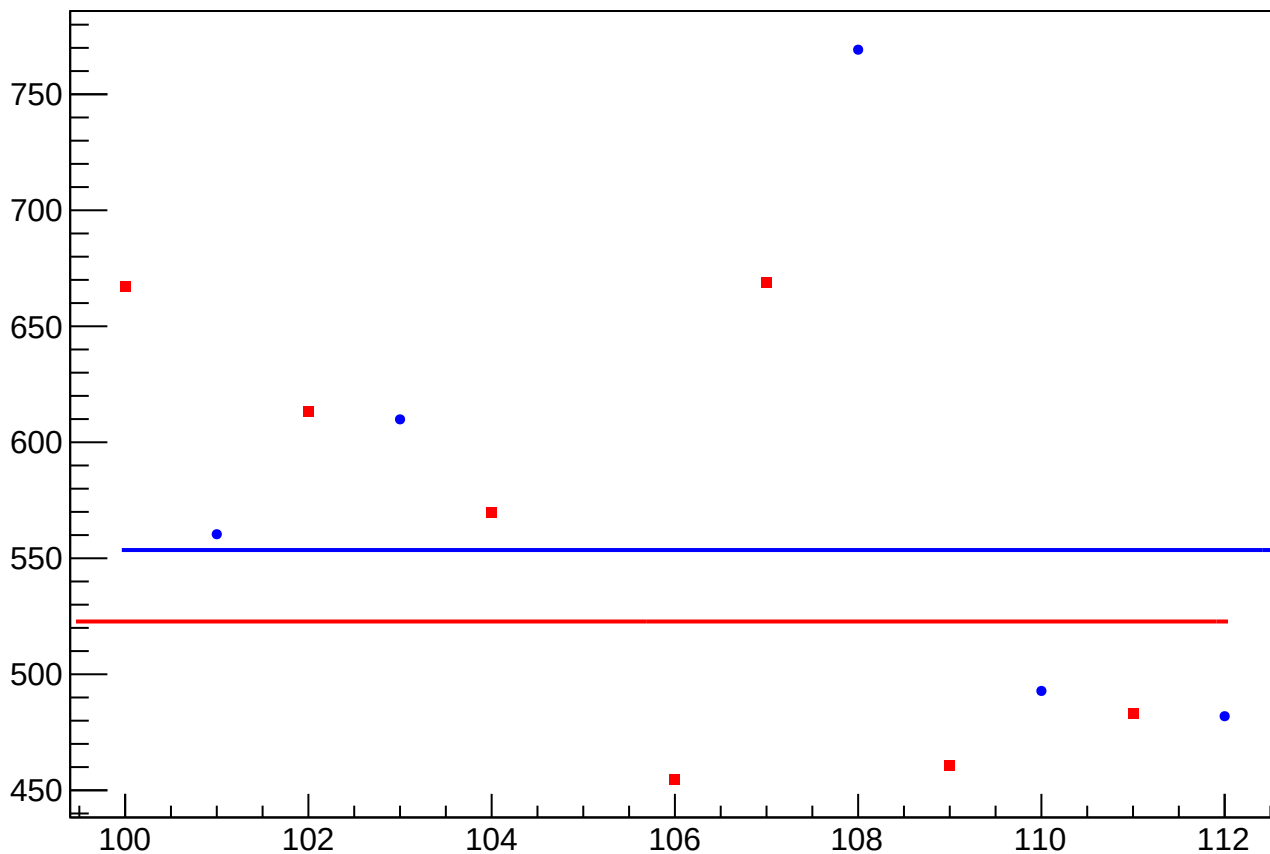
Right: 403.497+/-235.883 χ^2/NDF : 17.6/11

In: 161.810+/-352.232 χ^2/NDF : 8.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 403.497+/-235.883 χ^2/NDF : 17.6/11

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 553.554 $\pm$ 0.249 χ^2 /NDF: 105550.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 522.754 $\pm$ 0.225 χ^2 /NDF: 104035.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

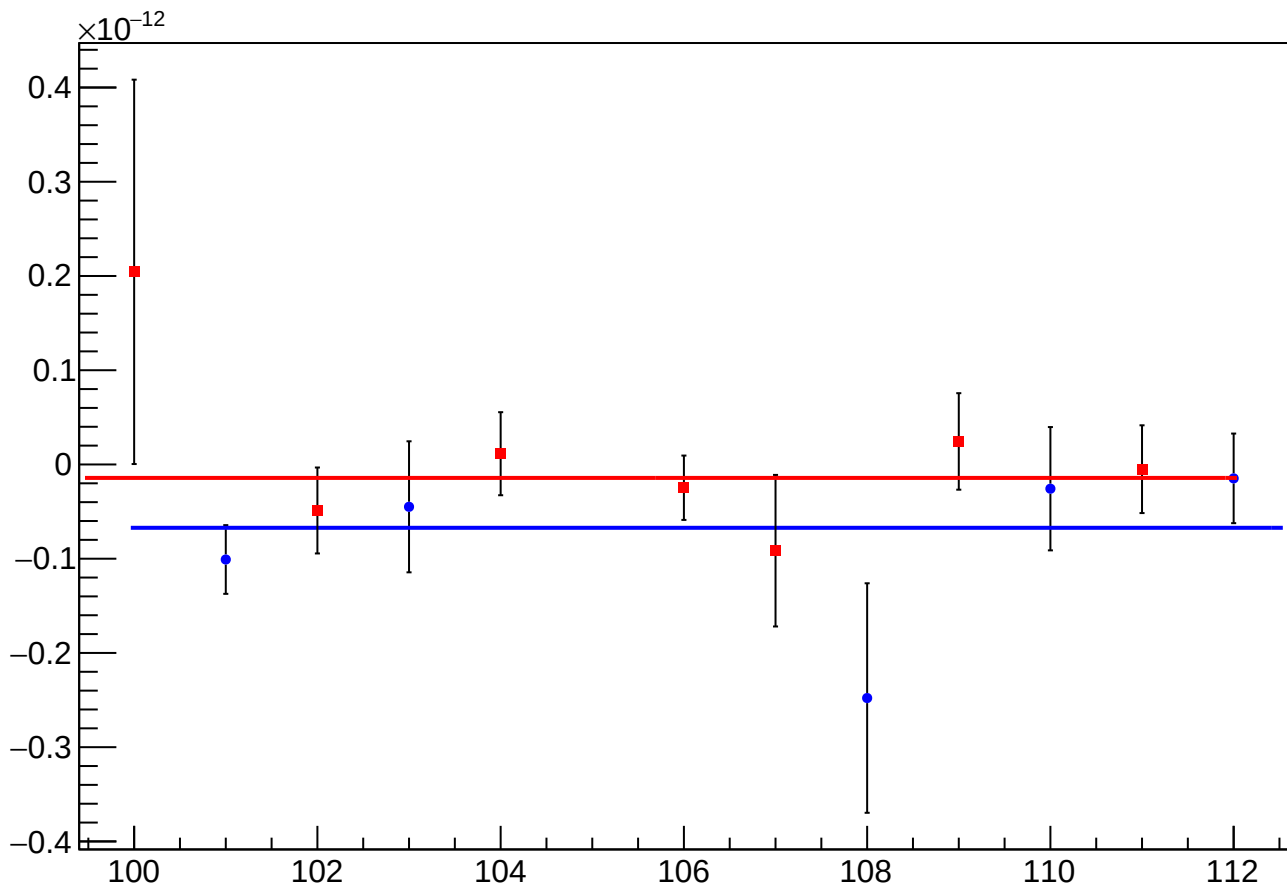
Right: 536.567 $\pm$ 0.167 χ^2 /NDF: 218019.8/11

In: 553.554 $\pm$ 0.249 χ^2 /NDF:105550.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 536.567 $\pm$ 0.167 χ^2 /NDF: 218019.8/11

asym_sam_15_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.8/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.7/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

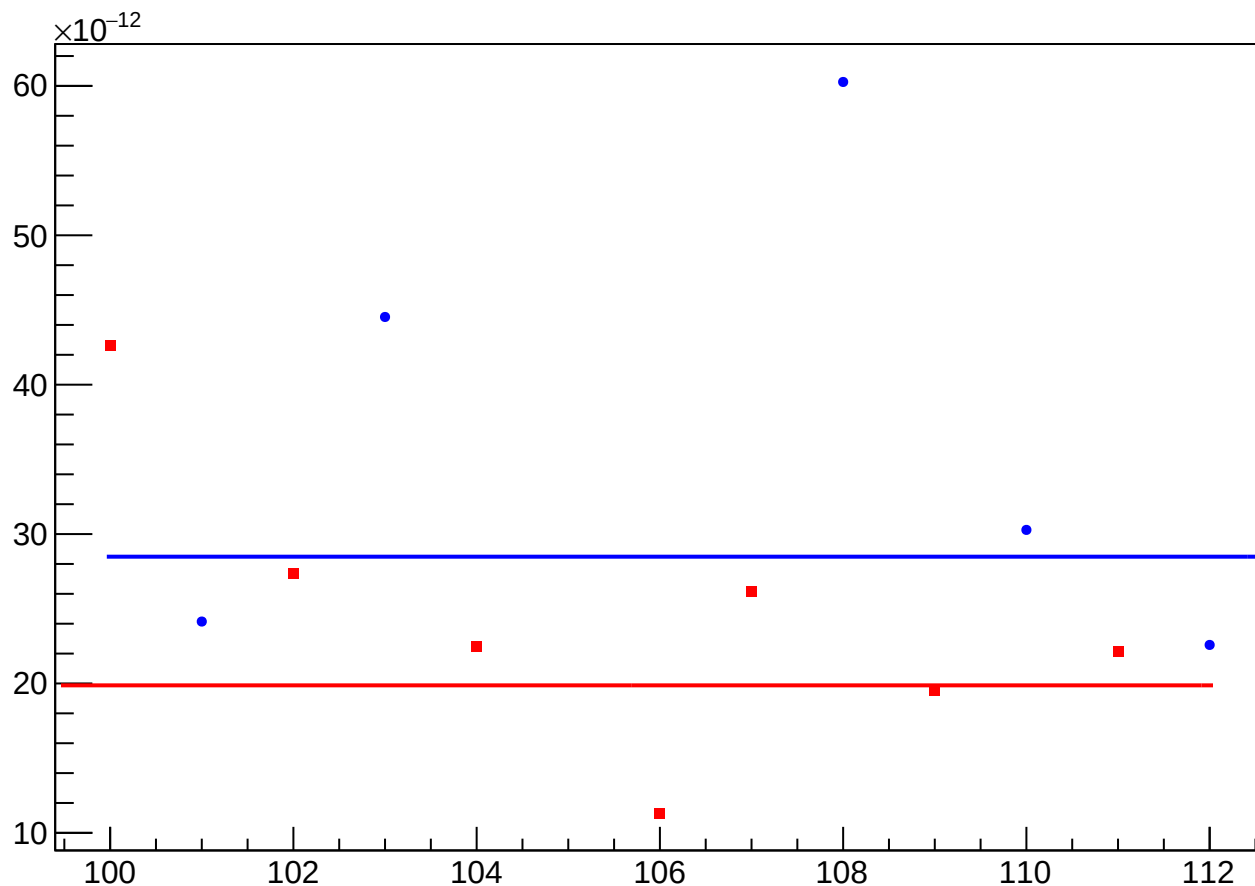
Right: -0.000+/-0.000 χ^2/NDF : 11.5/11

In: -0.000+/-0.000 χ^2/NDF :4.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.5/11

asym_sam_15_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 303491.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 228771.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

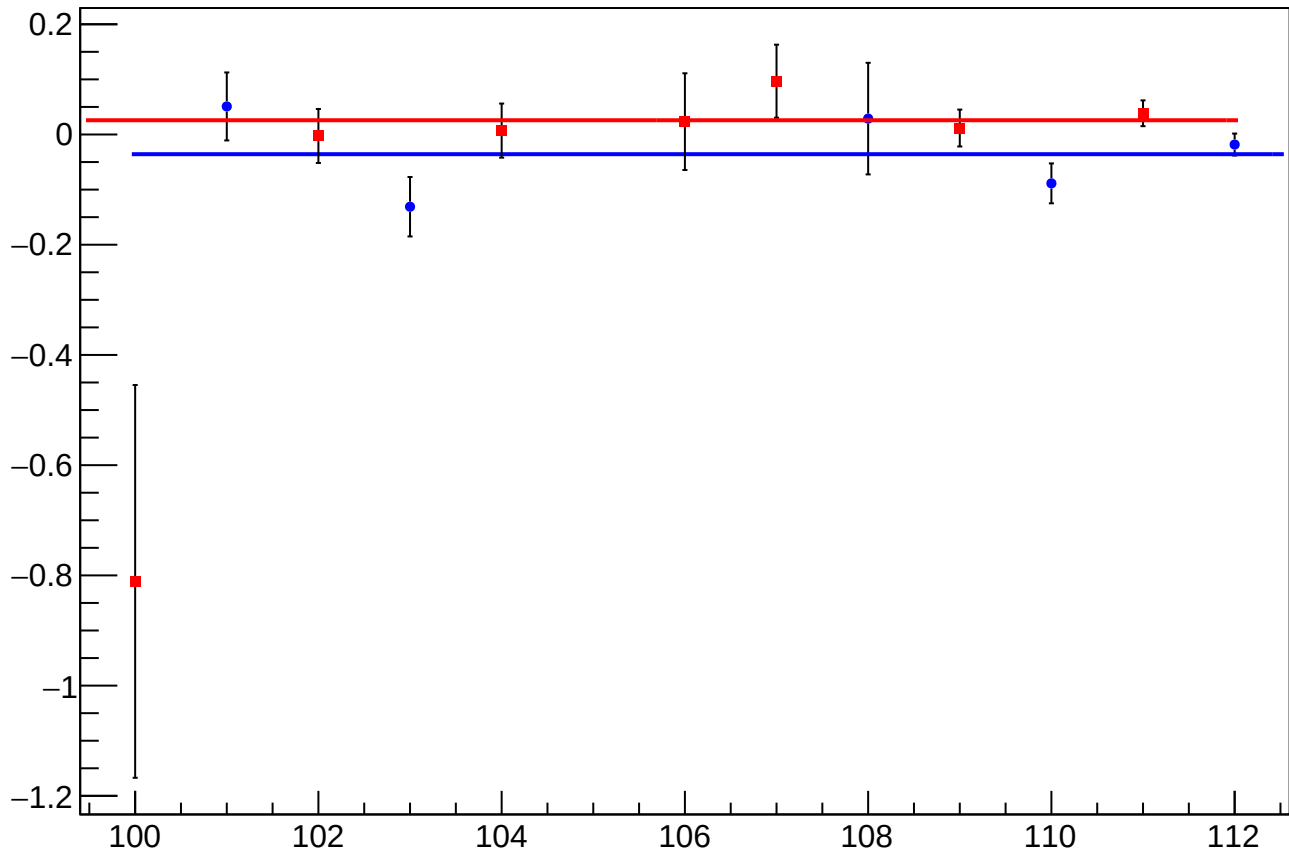
Right: 0.000+/-0.000 χ^2/NDF : 690949.0/11

In: 0.000+/-0.000 χ^2/NDF : 303491.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 690949.0/11

asym_sam_15_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.036+/-0.016 χ^2/NDF : 8.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.026+/-0.016 χ^2/NDF : 7.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

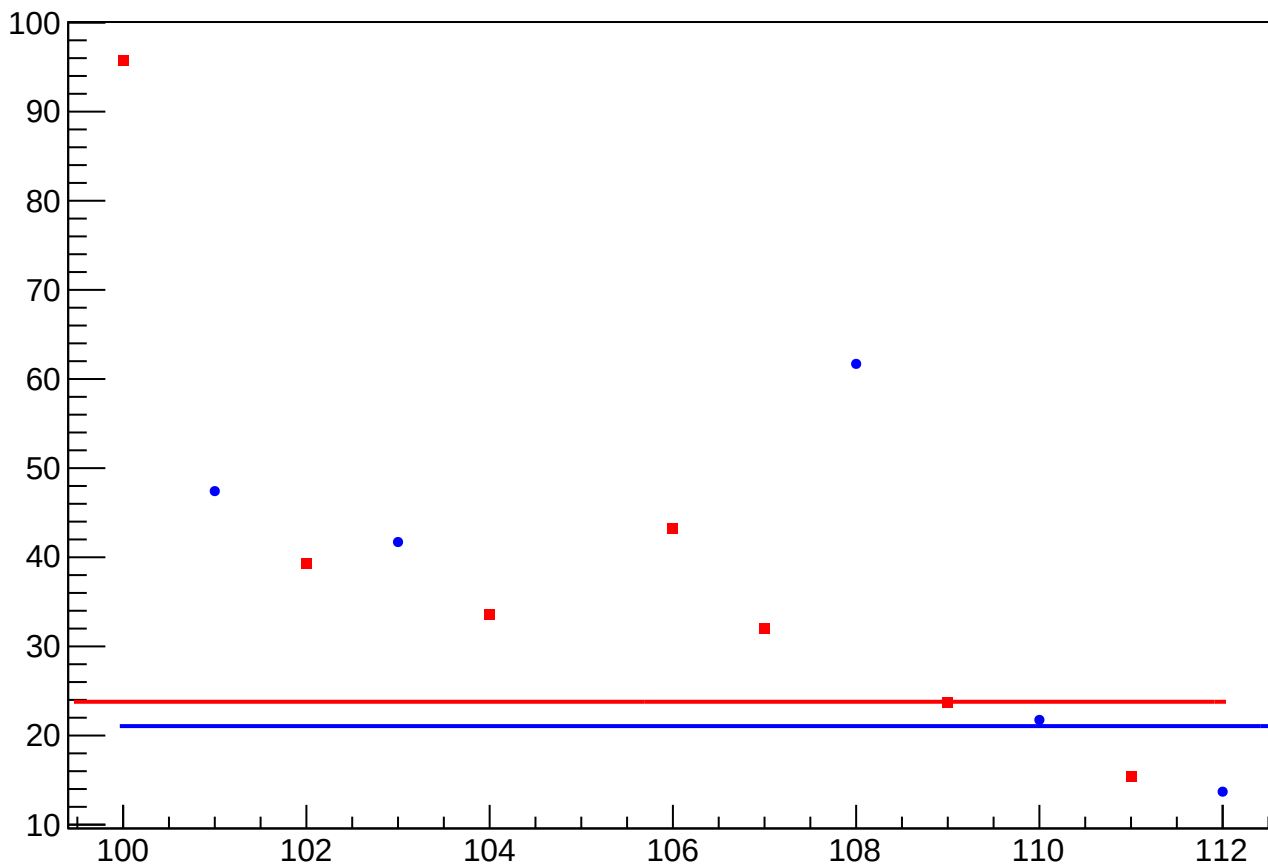
Right: -0.005+/-0.011 χ^2/NDF : 23.5/11

In: -0.036+/-0.016 χ^2/NDF : 8.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.011 χ^2/NDF : 23.5/11

asym_sam_15_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.059+/-0.011 χ^2/NDF : 1254641.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.789+/-0.011 χ^2/NDF : 748203.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

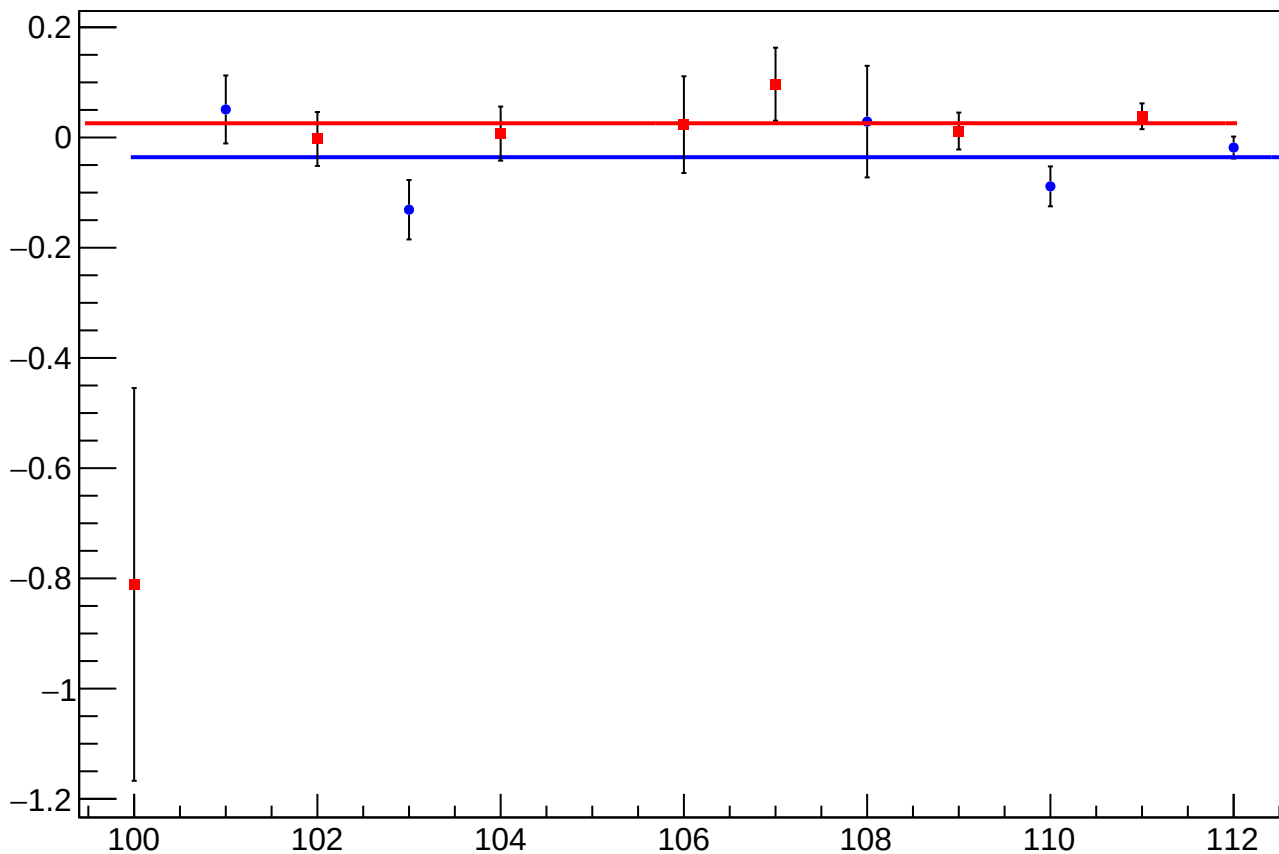
Right: 22.412+/-0.008 χ^2/NDF : 2032283.3/11

In: 21.059+/-0.011 χ^2/NDF : 1254641.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.412+/-0.008 χ^2/NDF : 2032283.3/11

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.036+/-0.016 χ^2/NDF : 8.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.026+/-0.016 χ^2/NDF : 7.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

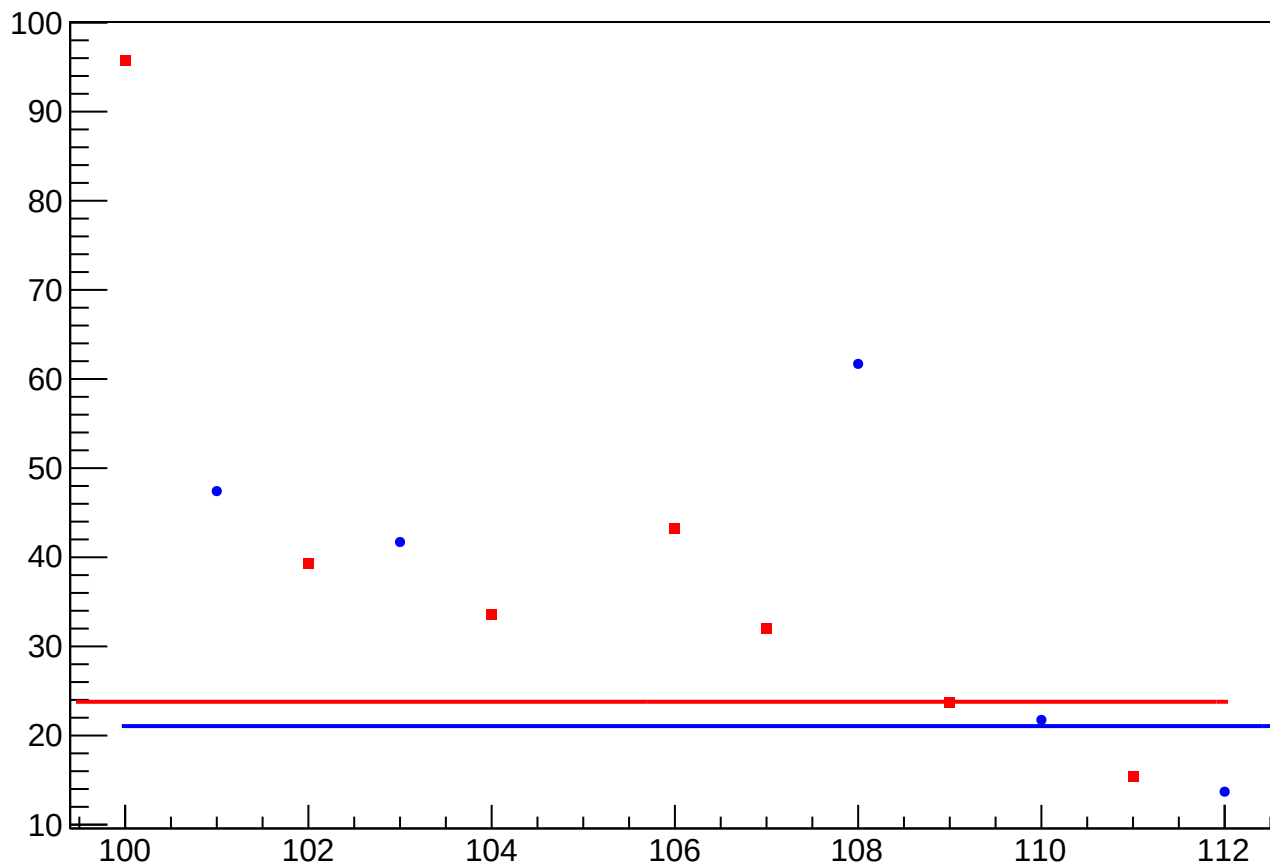
Right: -0.005+/-0.011 χ^2/NDF : 23.5/11

In: -0.036+/-0.016 χ^2/NDF : 8.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.011 χ^2/NDF : 23.5/11

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.059+/-0.011 χ^2/NDF : 1254641.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.789+/-0.011 χ^2/NDF : 748203.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

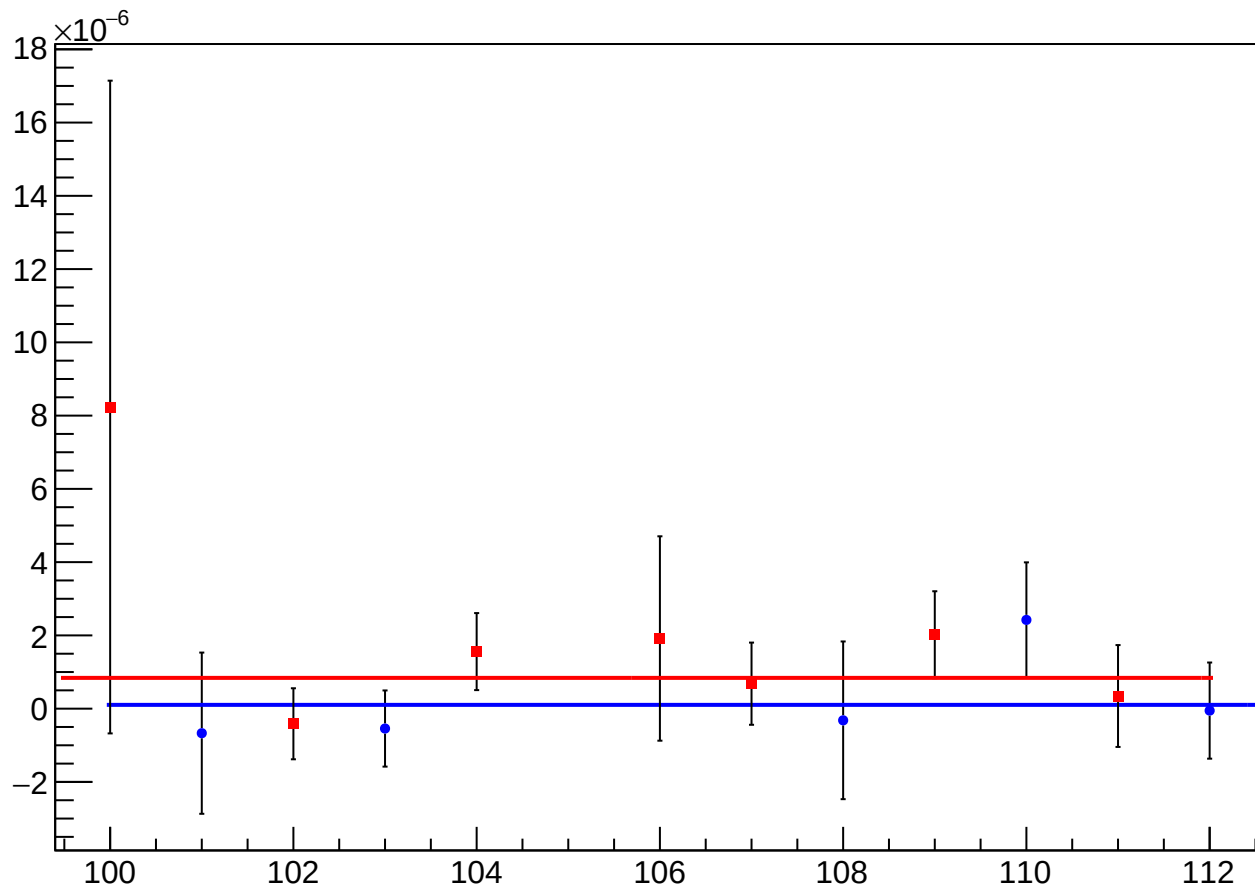
Right: 22.412+/-0.008 χ^2/NDF : 2032283.3/11

In: 21.059+/-0.011 χ^2/NDF : 1254641.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.412+/-0.008 χ^2/NDF : 2032283.3/11

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

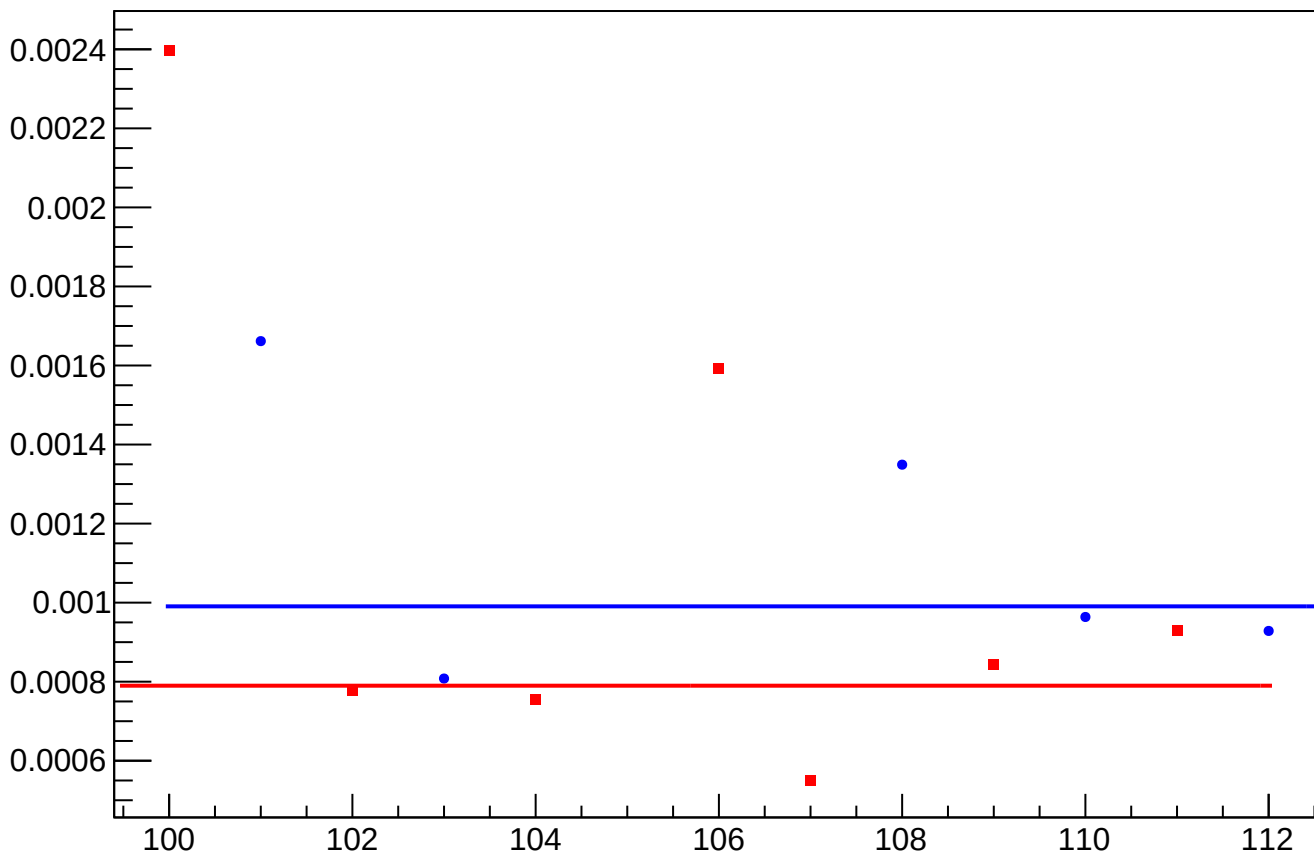
Right: 0.000+/-0.000 χ^2/NDF : 7.7/11

In: 0.000+/-0.000 χ^2/NDF : 2.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.7/11

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 308249.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 348623.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

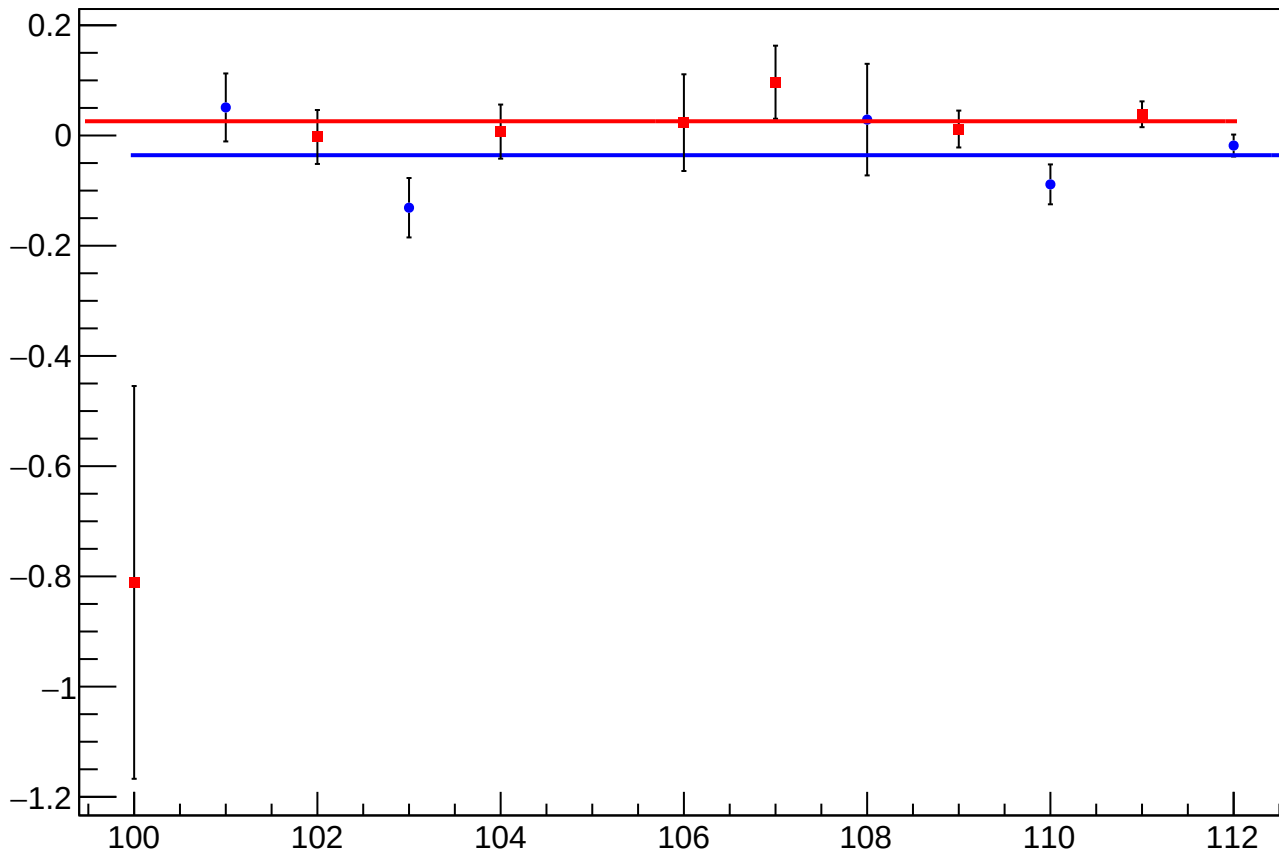
Right: 0.001+/-0.000 χ^2/NDF : 777021.4/11

In: 0.001+/-0.000 χ^2/NDF : 308249.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 777021.4/11

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.036+/-0.016 χ^2 /NDF: 8.4/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.026+/-0.016 χ^2 /NDF: 7.6/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

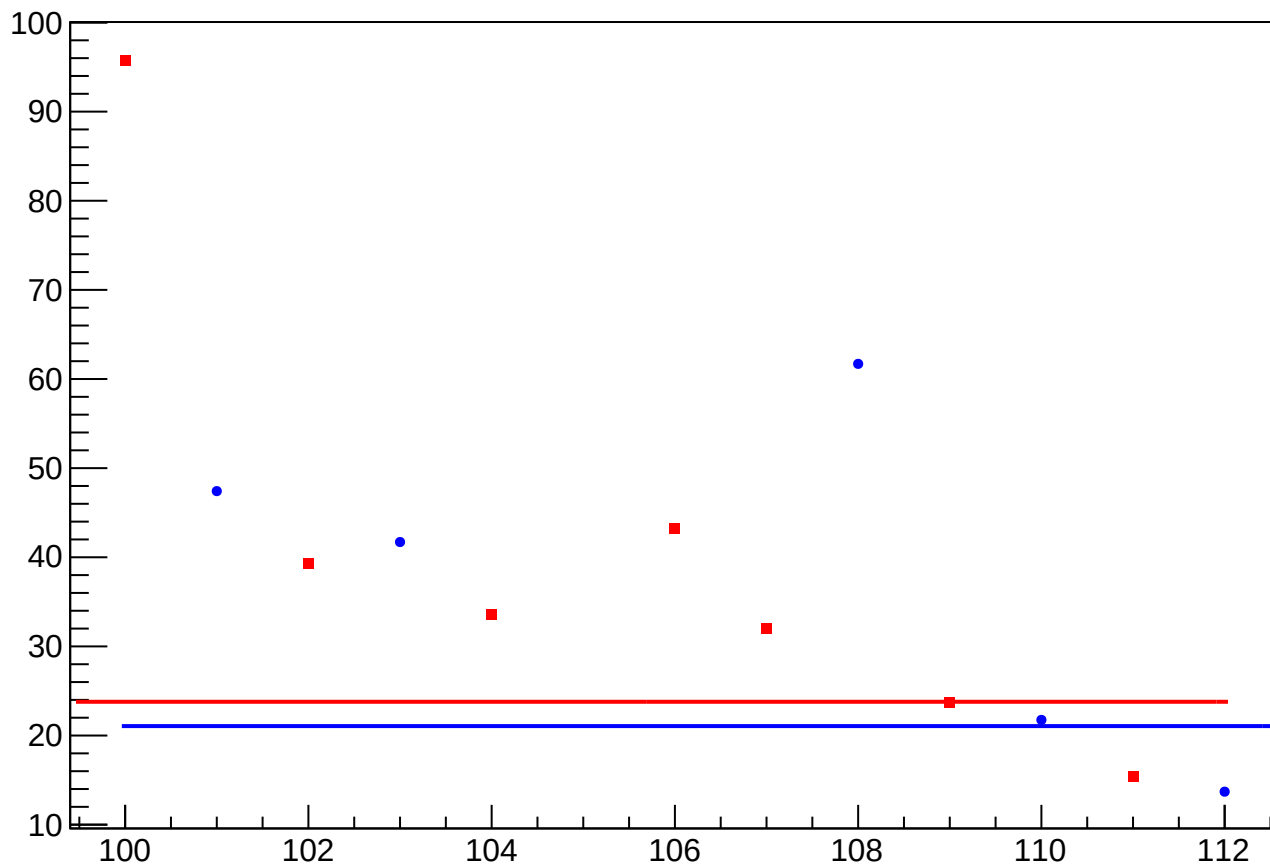
Right: -0.005+/-0.011 χ^2 /NDF: 23.5/11

In: -0.036+/-0.016 χ^2 /NDF:8.4/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.005+/-0.011 χ^2 /NDF: 23.5/11

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.059+/-0.011 χ^2/NDF : 1254675.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.788+/-0.011 χ^2/NDF : 748239.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

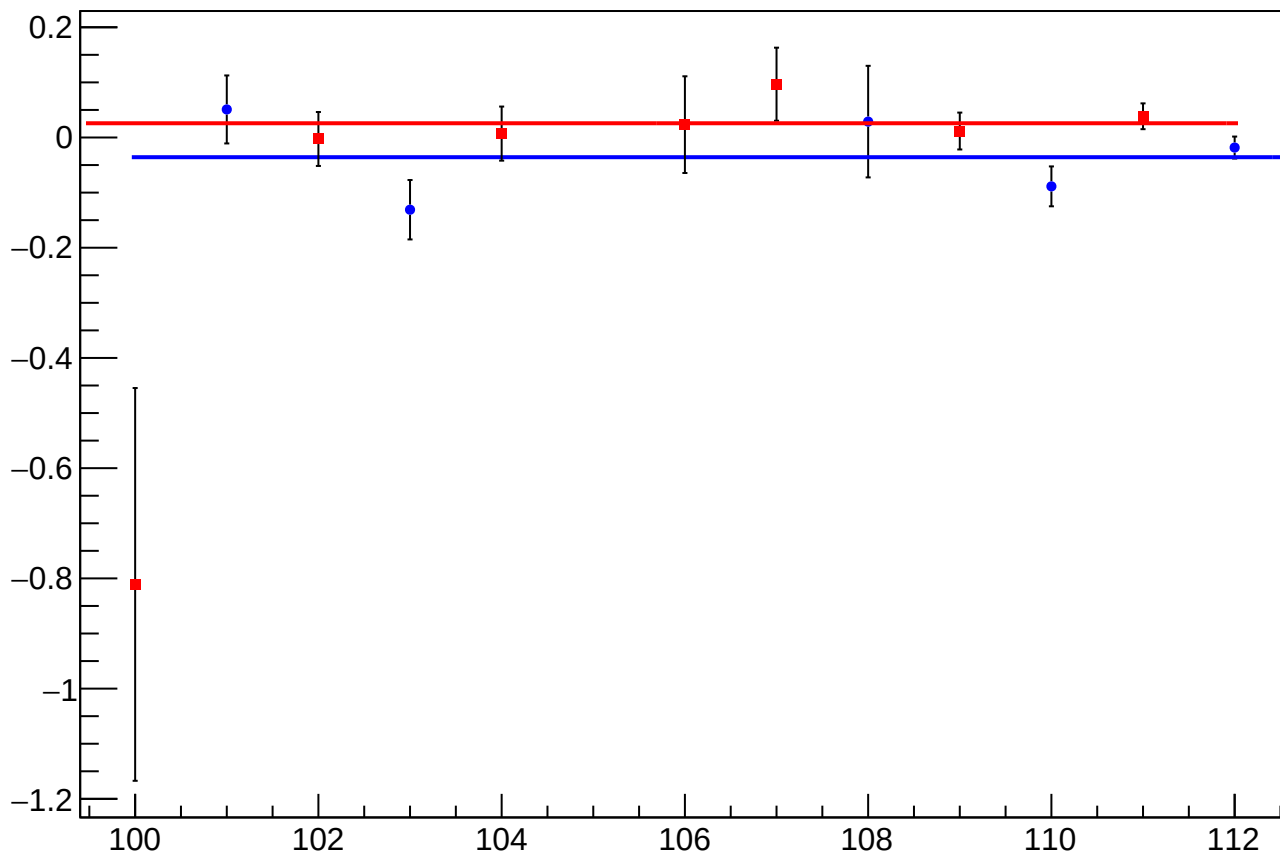
Right: 22.412+/-0.008 χ^2/NDF : 2032356.5/11

In: 21.059+/-0.011 χ^2/NDF : 1254675.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.412+/-0.008 χ^2/NDF : 2032356.5/11

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.036 $\pm$ 0.016 χ^2 /NDF: 8.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.026 $\pm$ 0.016 χ^2 /NDF: 7.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

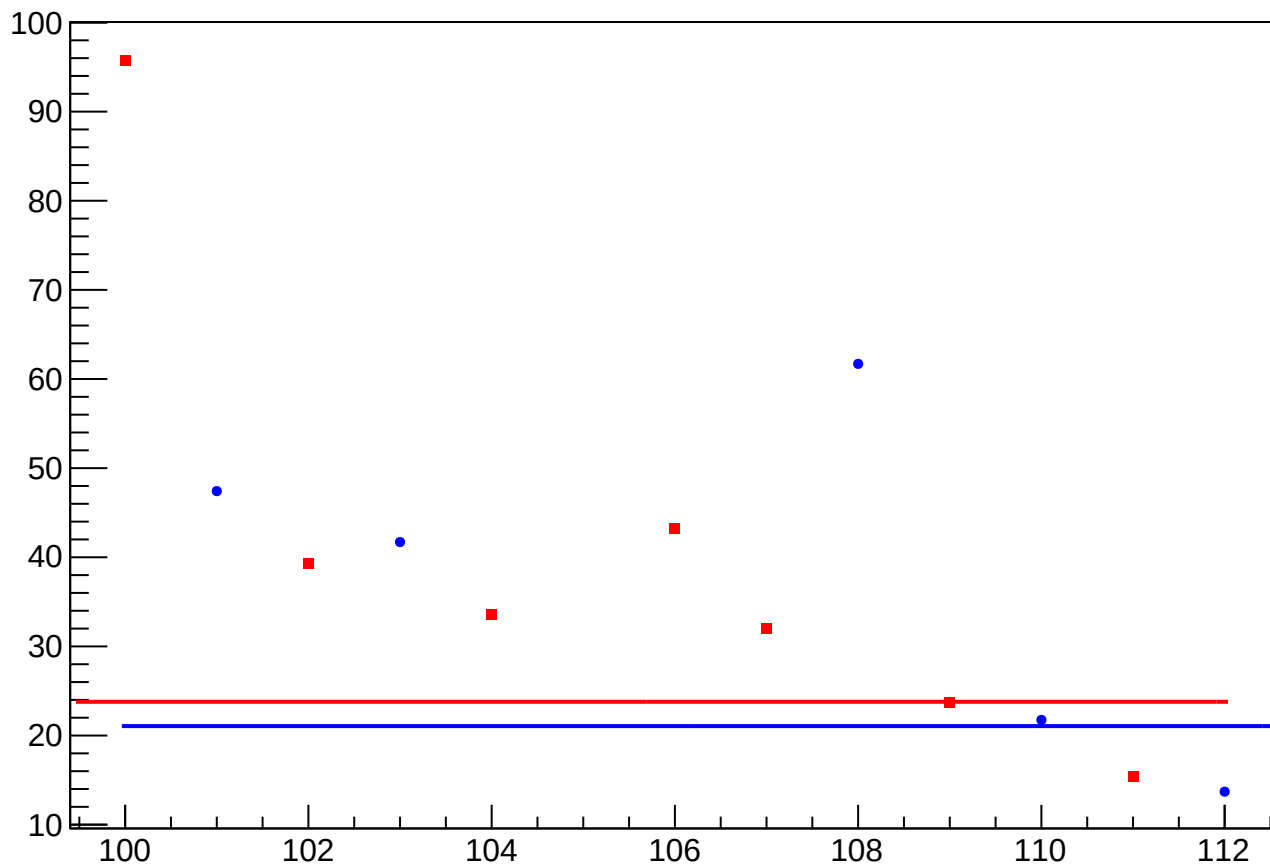
Right: -0.005 $\pm$ 0.011 χ^2 /NDF: 23.5/11

In: -0.036 $\pm$ 0.016 χ^2 /NDF:8.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.005 $\pm$ 0.011 χ^2 /NDF: 23.5/11

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.059+/-0.011 χ^2/NDF : 1254675.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.788+/-0.011 χ^2/NDF : 748239.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

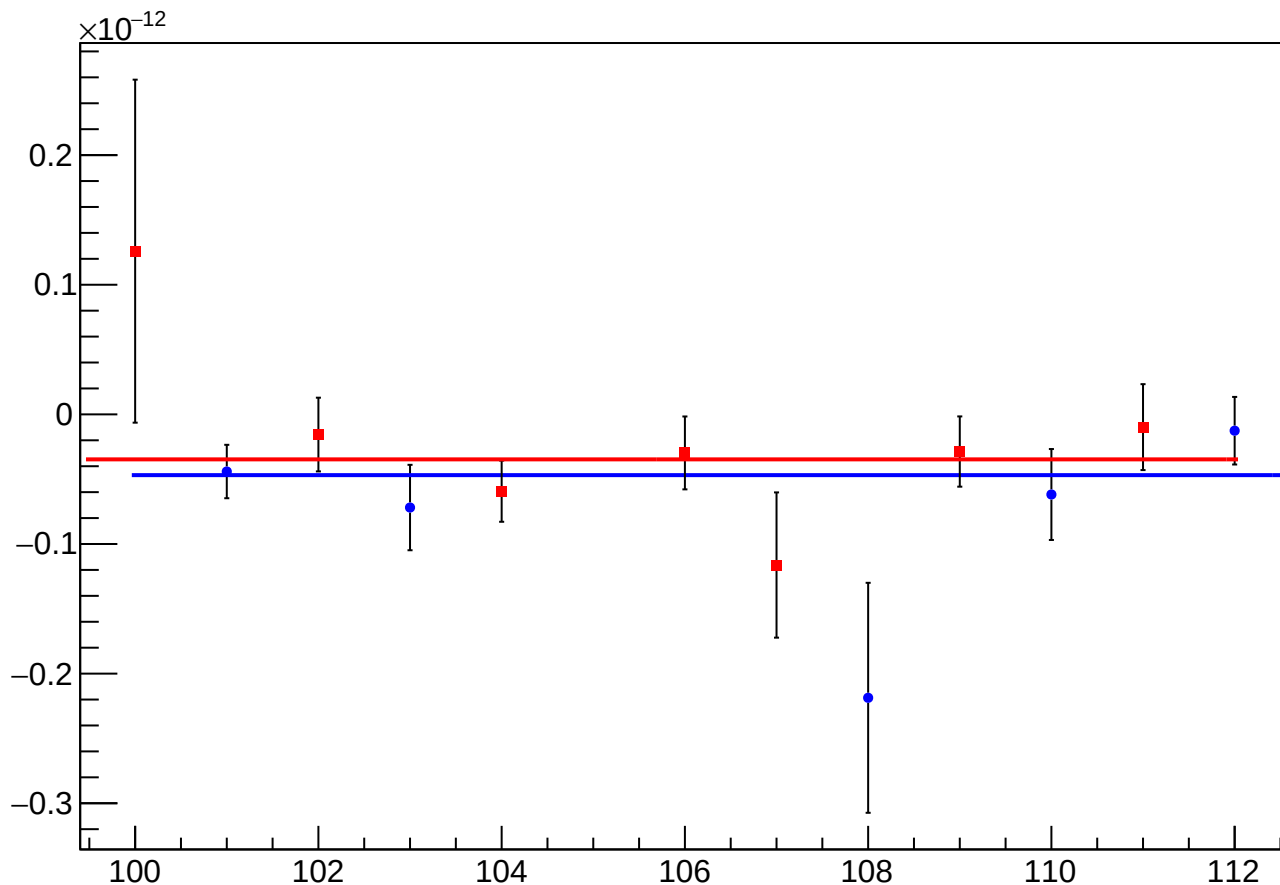
Right: 22.412+/-0.008 χ^2/NDF : 2032356.5/11

In: 21.059+/-0.011 χ^2/NDF : 1254675.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.412+/-0.008 χ^2/NDF : 2032356.5/11

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

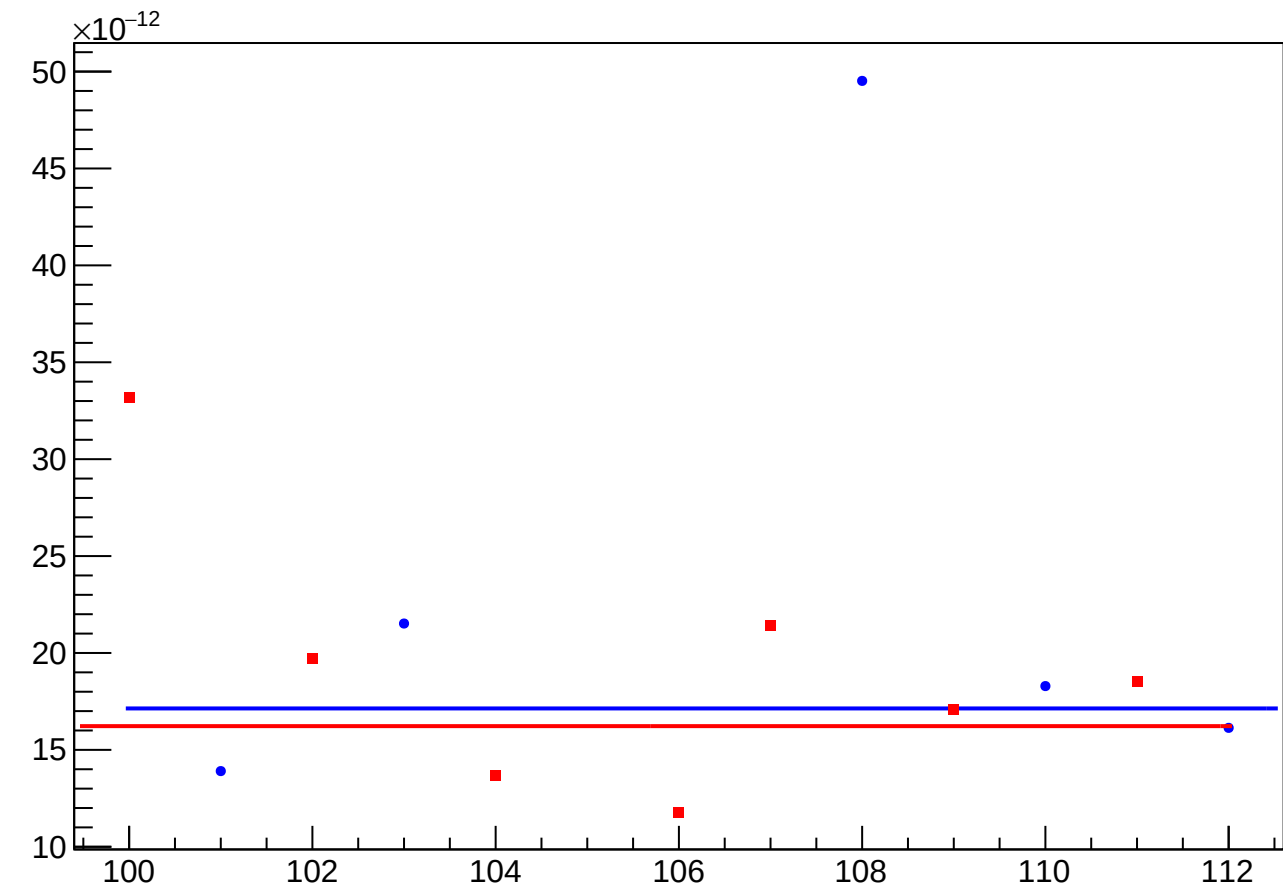
Right: -0.000+/-0.000 χ^2/NDF : 12.5/11

In: -0.000+/-0.000 χ^2/NDF : 6.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.5/11

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 356222.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 164750.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

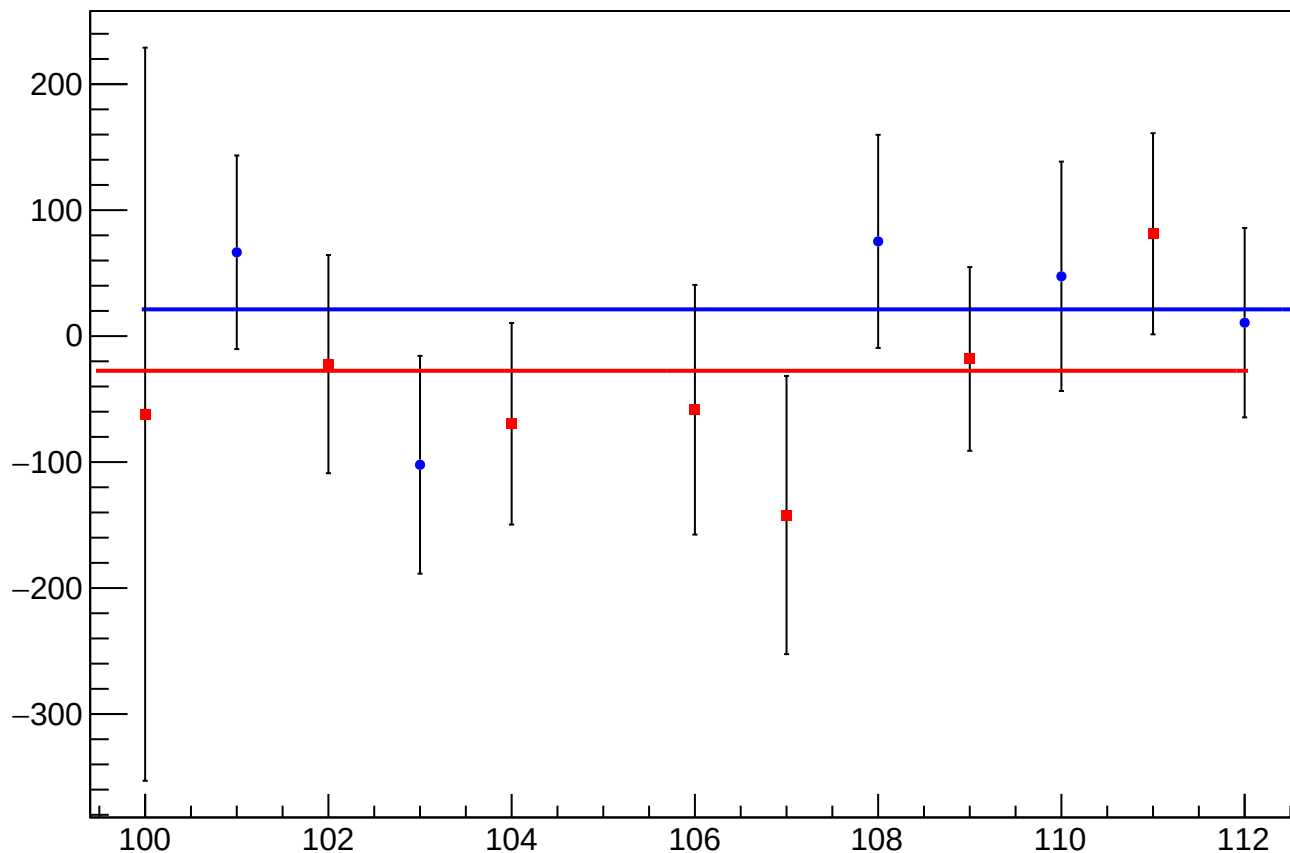
Right: 0.000+/-0.000 χ^2/NDF : 526184.1/11

In: 0.000+/-0.000 χ^2/NDF : 356222.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 526184.1/11

reg_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.235+/-36.750 χ^2/NDF : 2.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -27.519+/-34.707 χ^2/NDF : 3.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

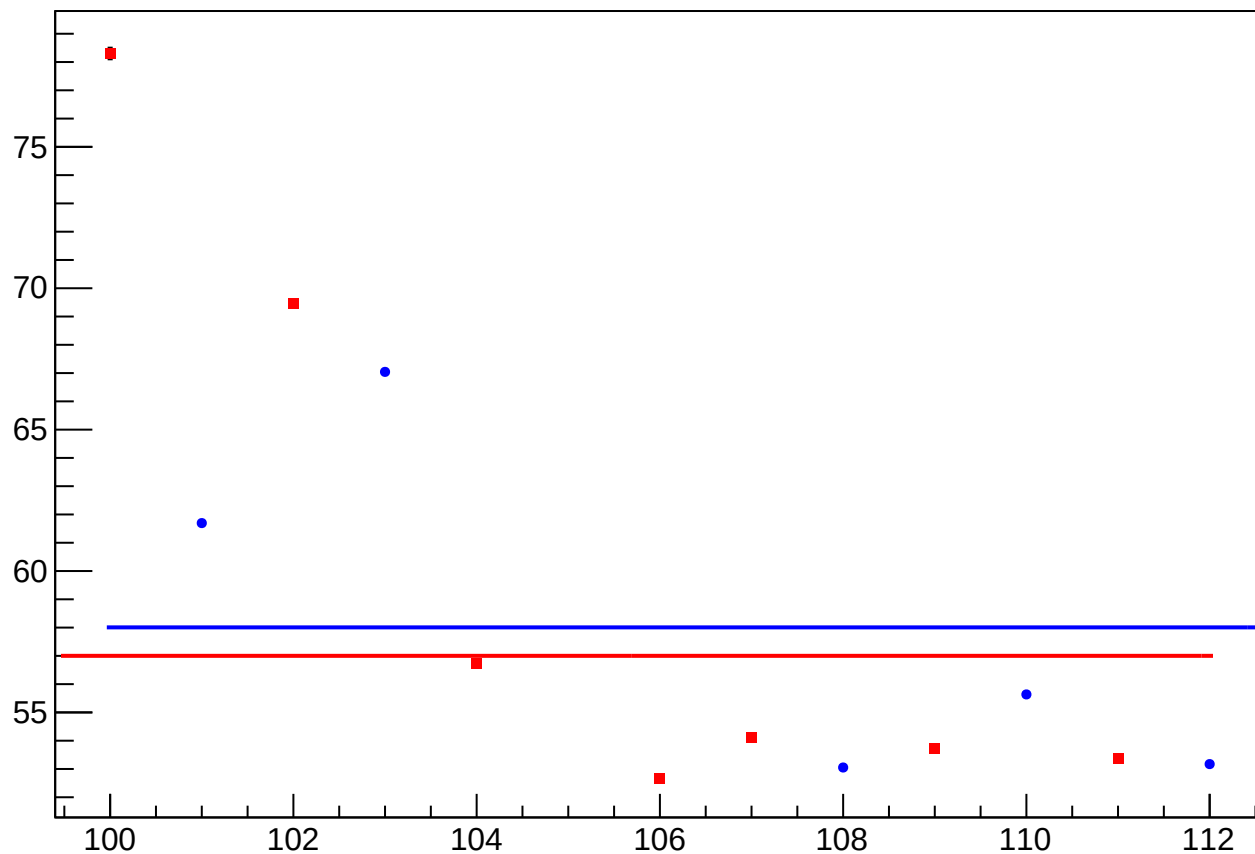
Right: -4.535+/-25.233 χ^2/NDF : 7.2/11

In: 21.235+/-36.750 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.535+/-25.233 χ^2/NDF : 7.2/11

reg_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 58.007+/-0.026 χ^2/NDF : 42941.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.001+/-0.025 χ^2/NDF : 65460.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

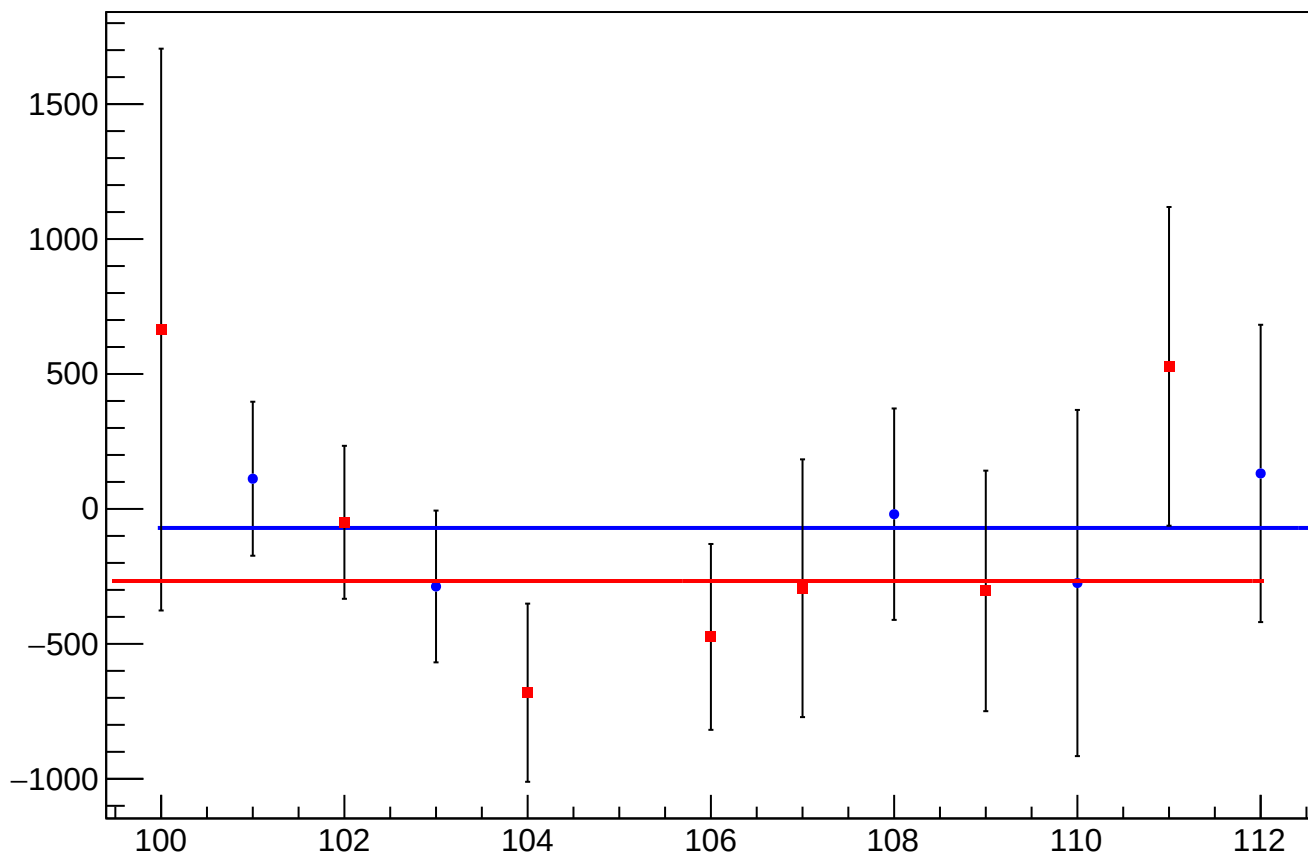
Right: 57.475+/-0.018 χ^2/NDF : 109194.6/11

In: 58.007+/-0.026 χ^2/NDF : 42941.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.475+/-0.018 χ^2/NDF : 109194.6/11

asym_sam_37_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -70.461 ± 163.999 χ^2/NDF : 1.3/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -267.037 ± 152.014 χ^2/NDF : 5.1/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

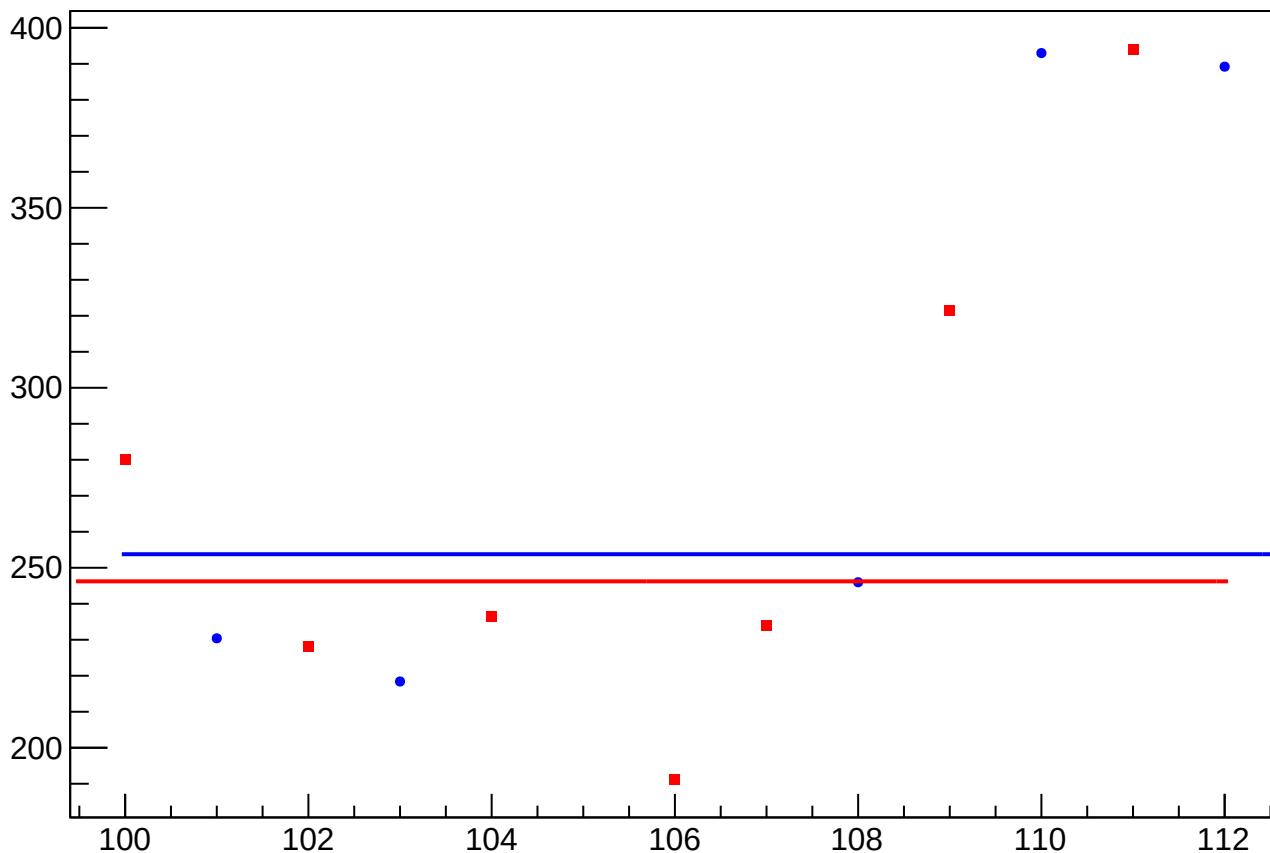
Right: -176.193 ± 111.487 χ^2/NDF : 7.2/11

In: -70.461 ± 163.999 χ^2/NDF : 1.3/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -176.193 ± 111.487 χ^2/NDF : 7.2/11

asym_sam_37_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 253.763+/-0.116 χ^2/NDF : 261041.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 246.228+/-0.107 χ^2/NDF : 247380.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

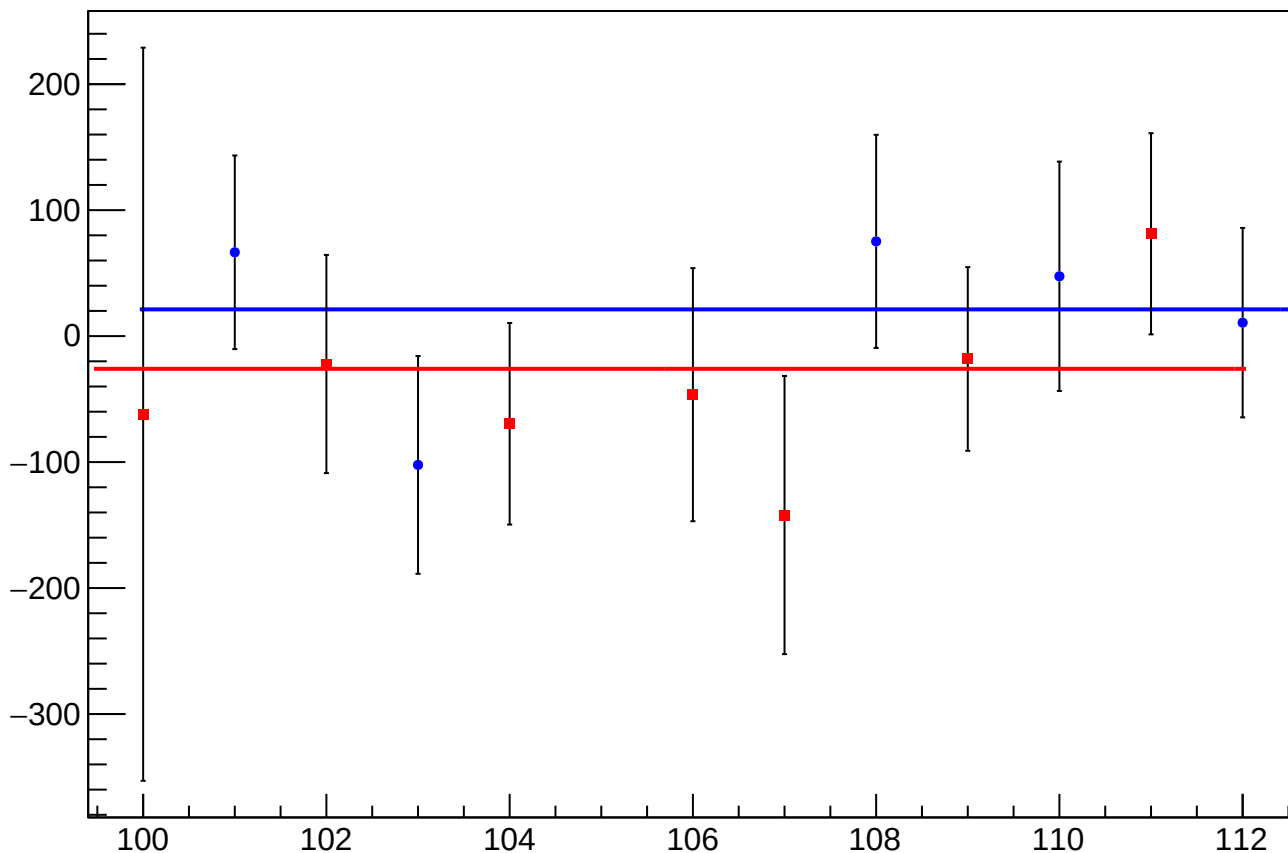
Right: 249.711+/-0.079 χ^2/NDF : 510692.7/11

In: 253.763+/-0.116 χ^2/NDF : 261041.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 249.711+/-0.079 χ^2/NDF : 510692.7/11

cor_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.221+/-36.750 χ^2/NDF : 2.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.965+/-34.766 χ^2/NDF : 3.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

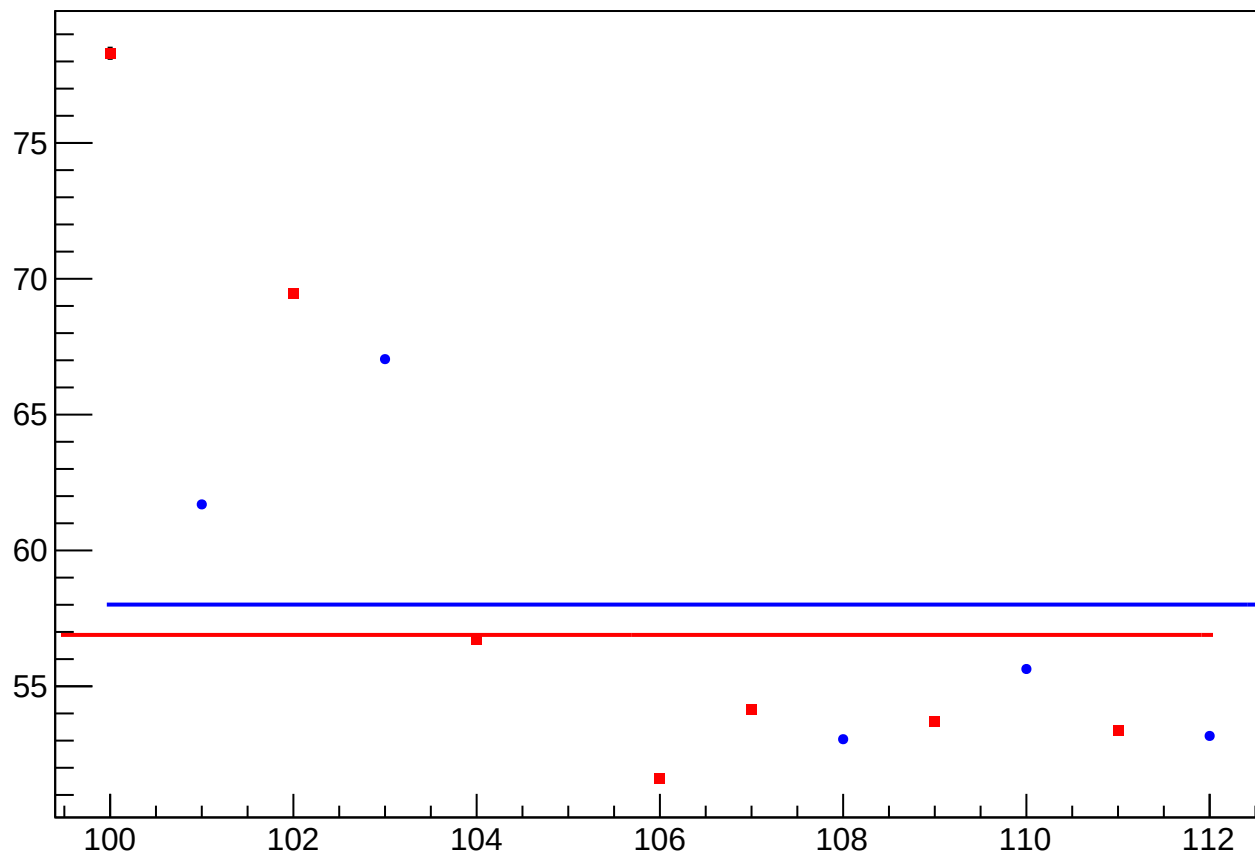
Right: -3.680+/-25.256 χ^2/NDF : 7.0/11

In: 21.221+/-36.750 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.680+/-25.256 χ^2/NDF : 7.0/11

cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 58.007 $\pm$ 0.026 χ^2 /NDF: 42942.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 56.891 $\pm$ 0.025 χ^2 /NDF: 67484.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

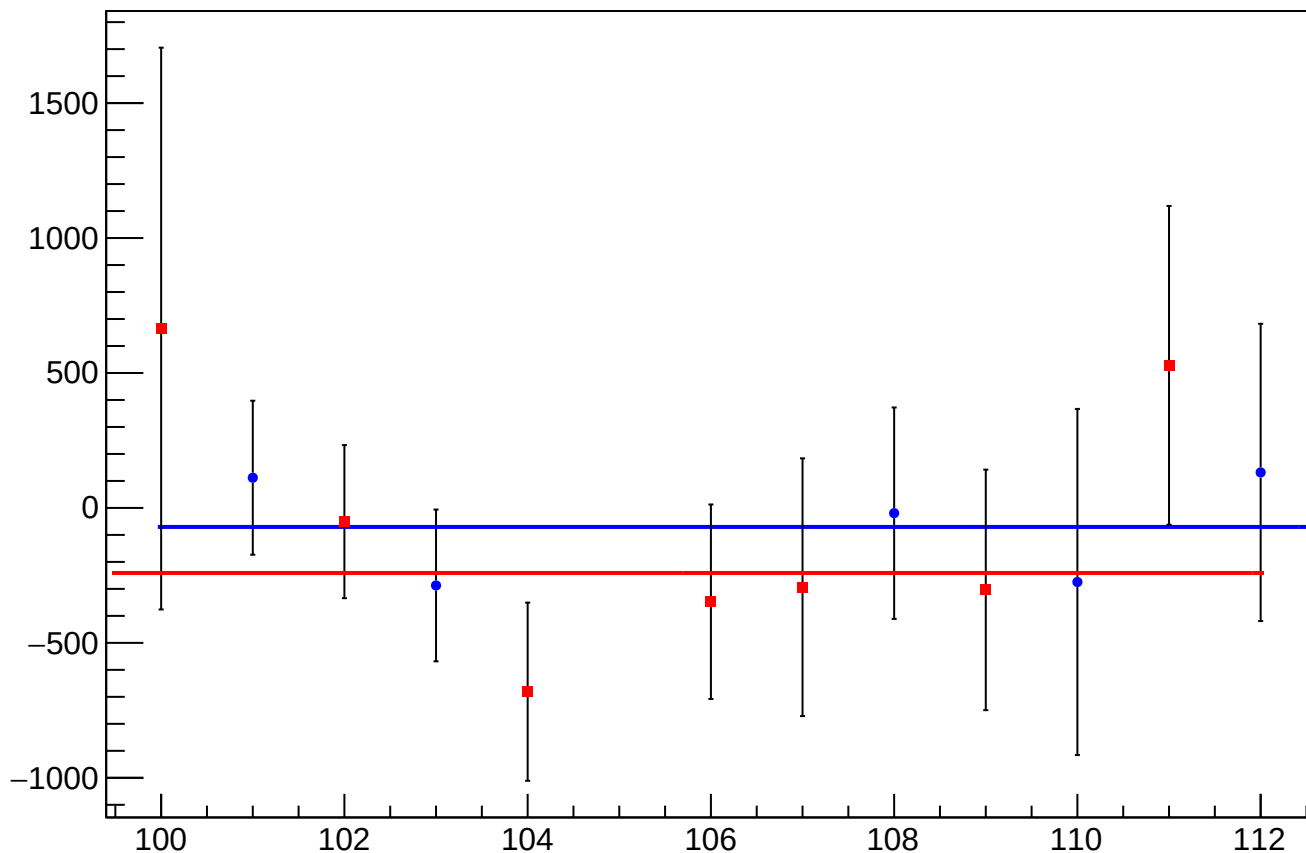
Right: 57.418 $\pm$ 0.018 χ^2 /NDF: 111400.7/11

In: 58.007 $\pm$ 0.026 χ^2 /NDF:42942.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 57.418 $\pm$ 0.018 χ^2 /NDF: 111400.7/11

asym_sam_37_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -70.434 $\pm$ 164.001 χ^2/NDF : 1.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -240.969 $\pm$ 153.349 χ^2/NDF : 4.8/6

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

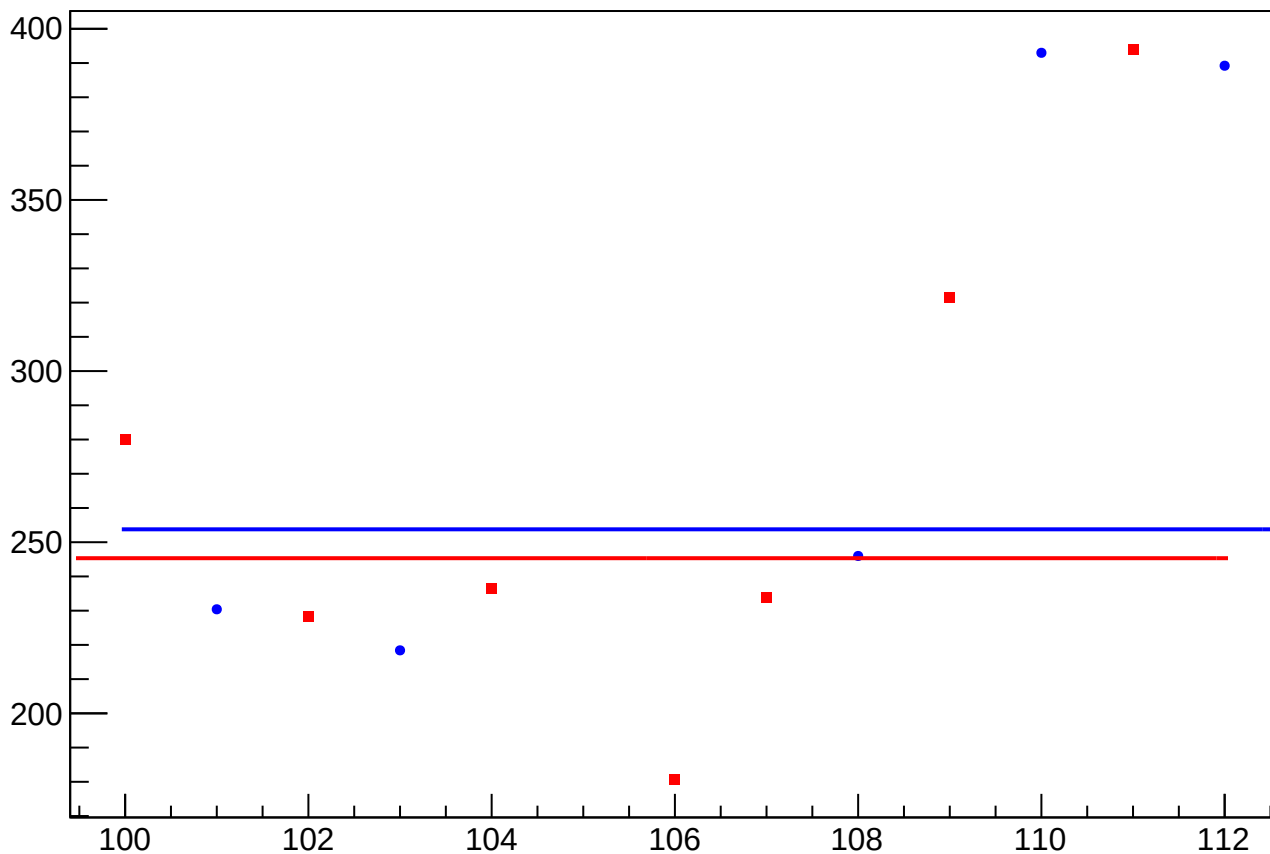
Right: -161.419 $\pm$ 112.011 χ^2/NDF : 6.6/11

In: -70.434 $\pm$ 164.001 χ^2/NDF : 1.3/4

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -161.419 $\pm$ 112.011 χ^2/NDF : 6.6/11

asym_sam_37_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 253.767 $\pm$ 0.116 χ^2 /NDF: 261027.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 245.330 $\pm$ 0.108 χ^2 /NDF: 262263.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

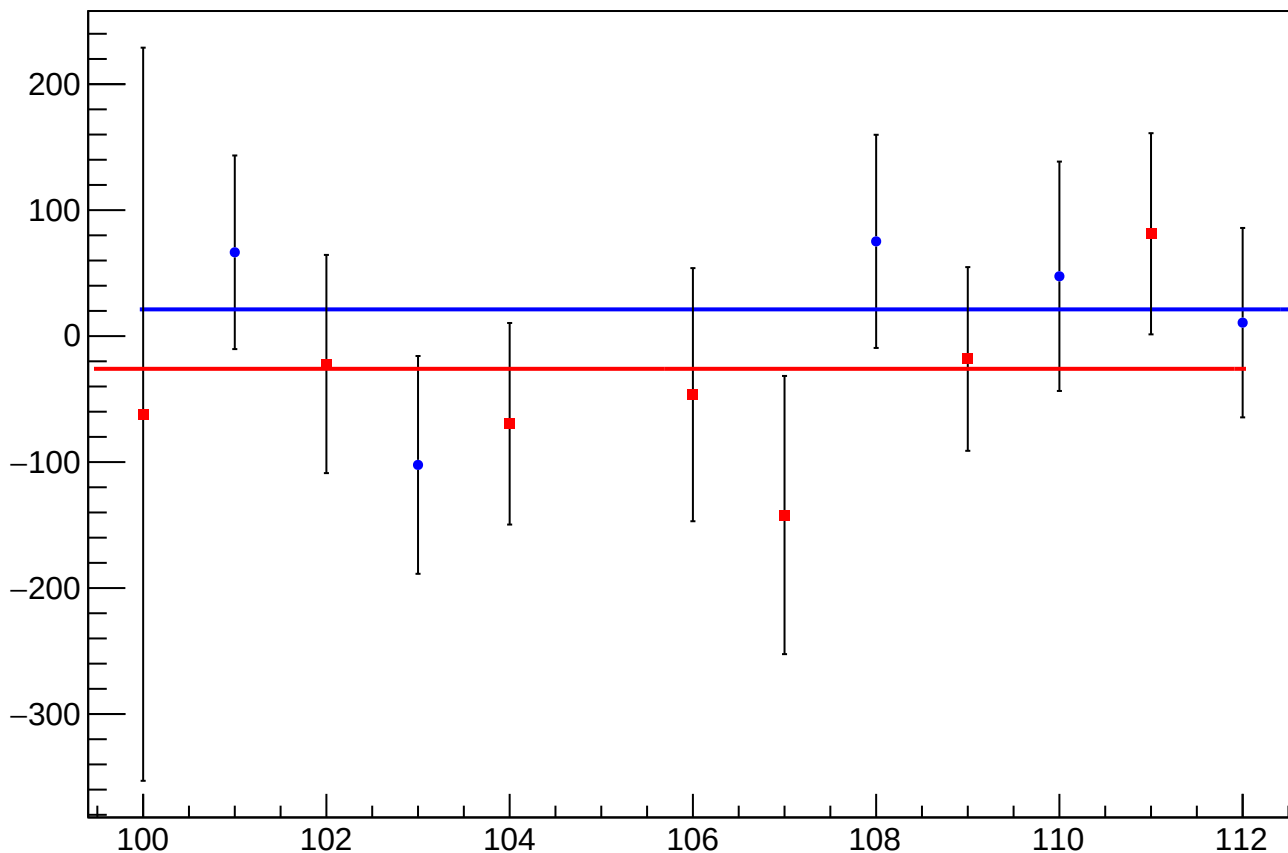
Right: 249.265 $\pm$ 0.079 χ^2 /NDF: 526115.1/11

In: 253.767 $\pm$ 0.116 χ^2 /NDF:261027.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 249.265 $\pm$ 0.079 χ^2 /NDF: 526115.1/11

eigen_cor_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.221+/-36.750 χ^2/NDF : 2.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.965+/-34.766 χ^2/NDF : 3.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

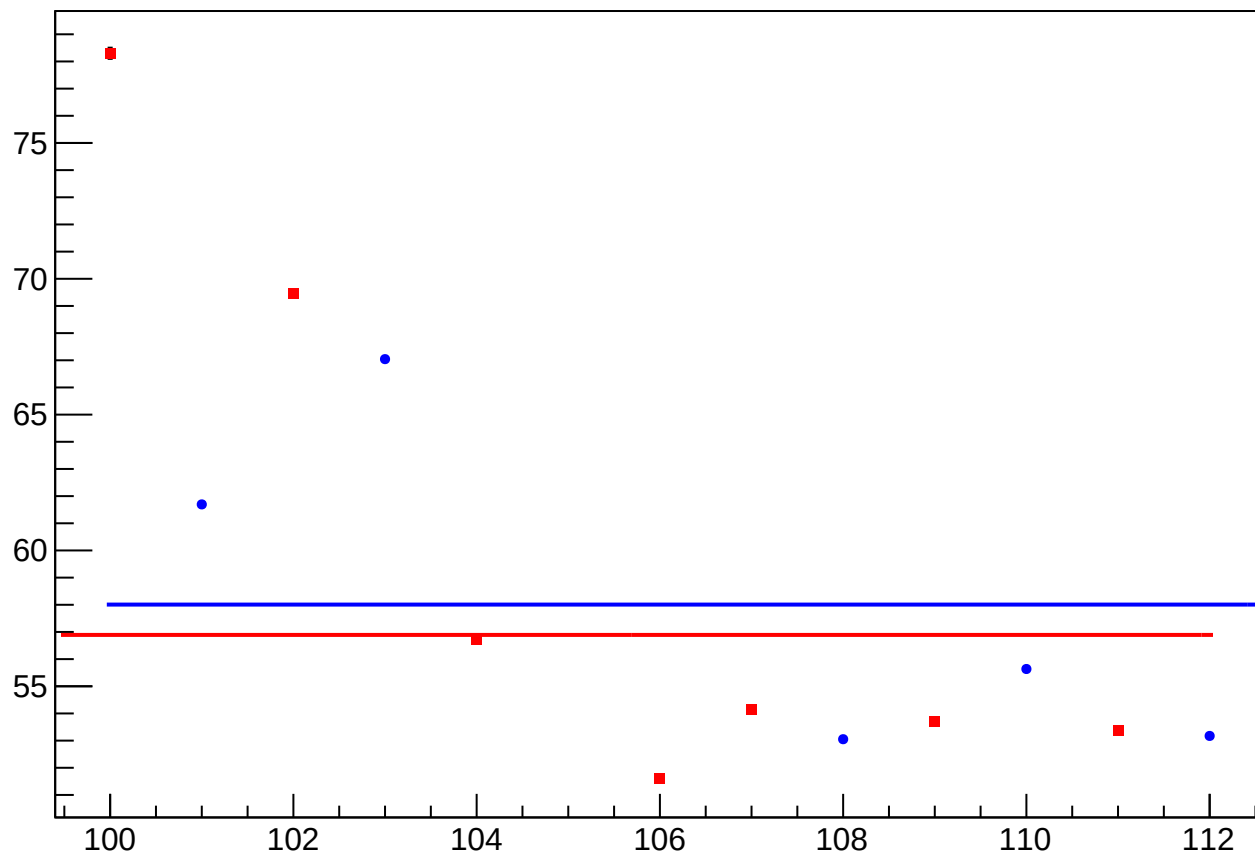
Right: -3.680+/-25.256 χ^2/NDF : 7.0/11

In: 21.221+/-36.750 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.680+/-25.256 χ^2/NDF : 7.0/11

eigen_cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 58.007+/-0.026 χ^2/NDF : 42942.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.891+/-0.025 χ^2/NDF : 67484.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

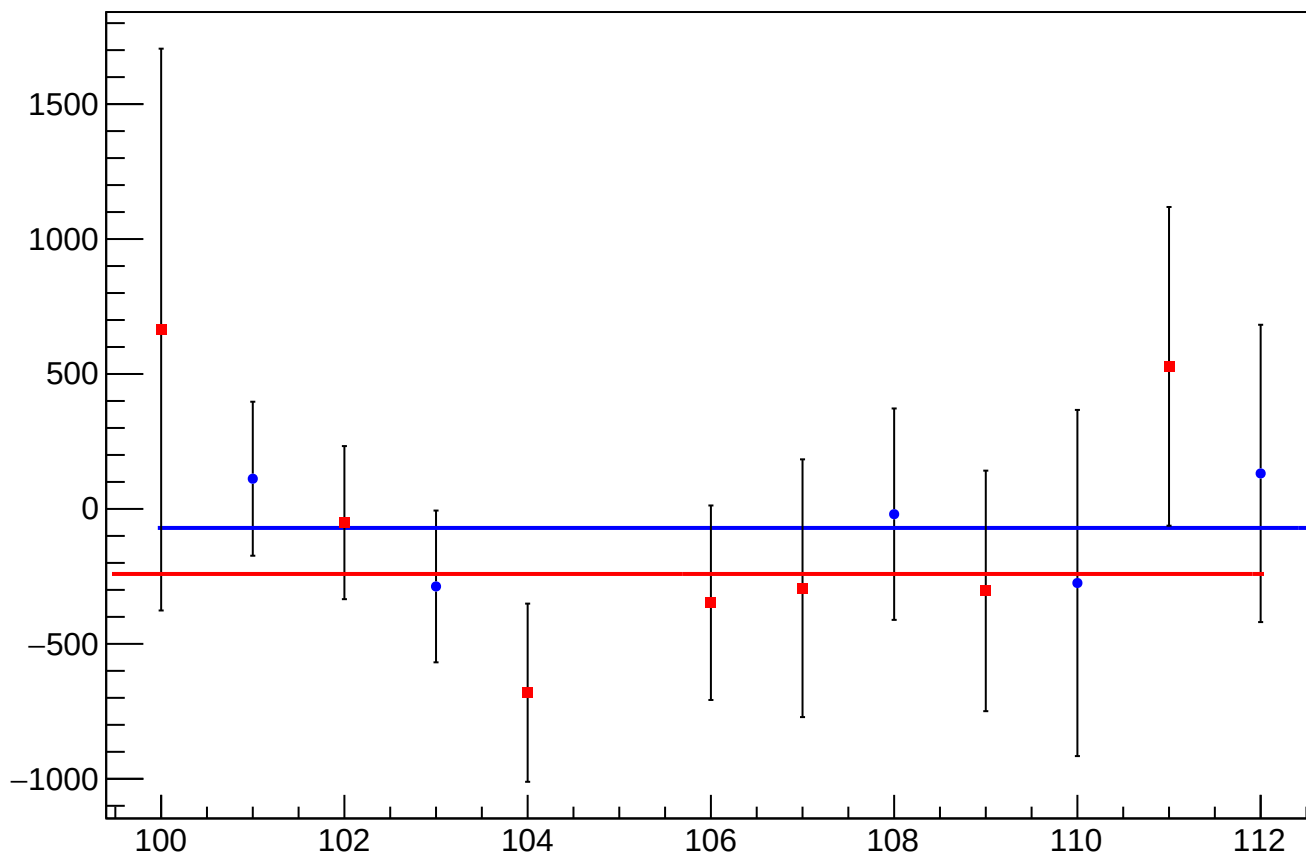
Right: 57.418+/-0.018 χ^2/NDF : 111400.7/11

In: 58.007+/-0.026 χ^2/NDF : 42942.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.418+/-0.018 χ^2/NDF : 111400.7/11

asym_sam_37_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -70.434 ± 164.001 χ^2/NDF : 1.3/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -240.969 ± 153.349 χ^2/NDF : 4.8/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

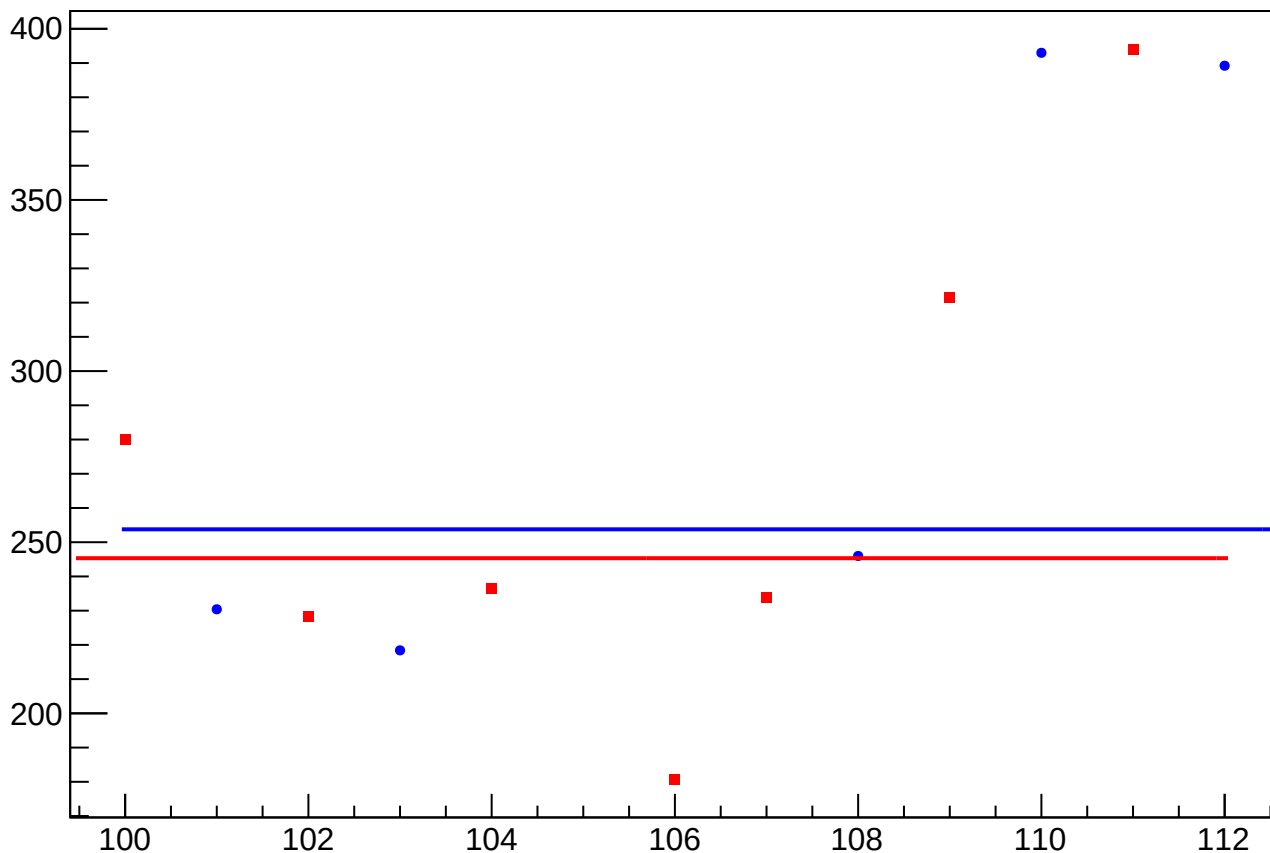
Right: -161.419 ± 112.011 χ^2/NDF : 6.6/11

In: -70.434 ± 164.001 χ^2/NDF : 1.3/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -161.419 ± 112.011 χ^2/NDF : 6.6/11

asym_sam_37_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 253.767 $\pm$ 0.116 χ^2 /NDF: 261027.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 245.330 $\pm$ 0.108 χ^2 /NDF: 262263.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

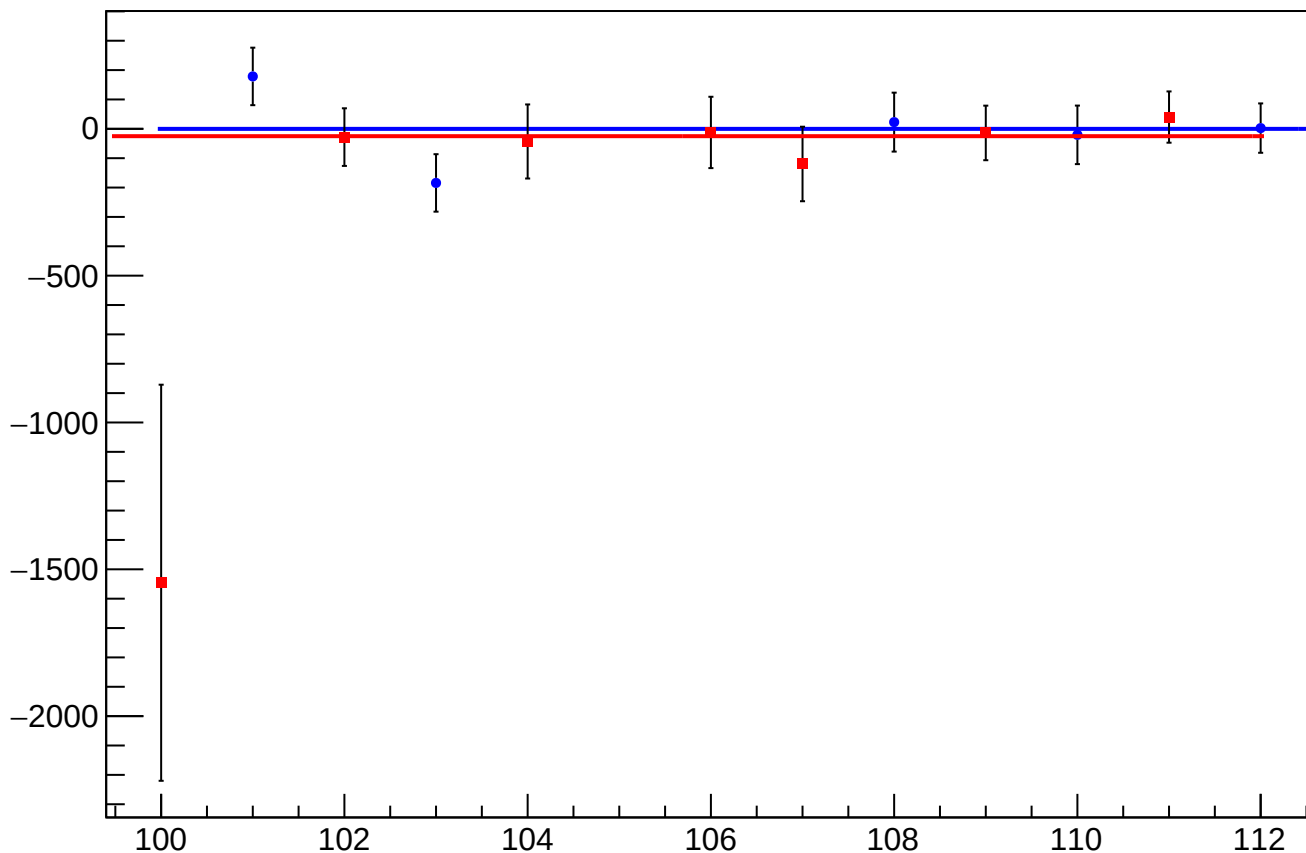
Right: 249.265 $\pm$ 0.079 χ^2 /NDF: 526115.1/11

In: 253.767 $\pm$ 0.116 χ^2 /NDF:261027.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 249.265 $\pm$ 0.079 χ^2 /NDF: 526115.1/11

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: -0.144 ± 42.630 $\chi^2/\text{NDF}: 7.0/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -25.044 ± 42.798 $\chi^2/\text{NDF}: 6.2/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

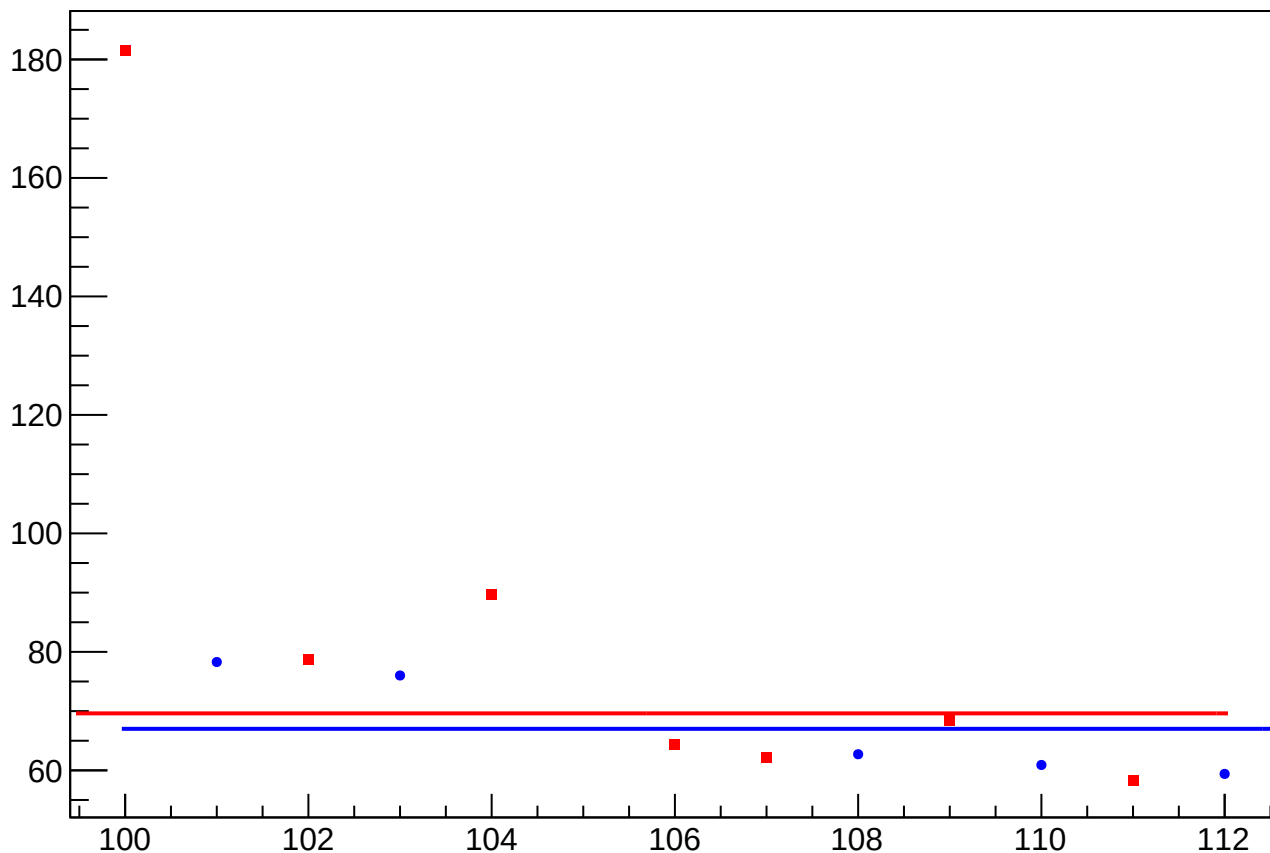
Right: -12.545 ± 30.203 $\chi^2/\text{NDF}: 13.4/11$

In: -0.144 ± 42.630 $\chi^2/\text{NDF}: 7.0/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -12.545 ± 30.203 $\chi^2/\text{NDF}: 13.4/11$

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 67.010+/-0.030 χ^2/NDF : 71012.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.619+/-0.030 χ^2/NDF : 167195.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

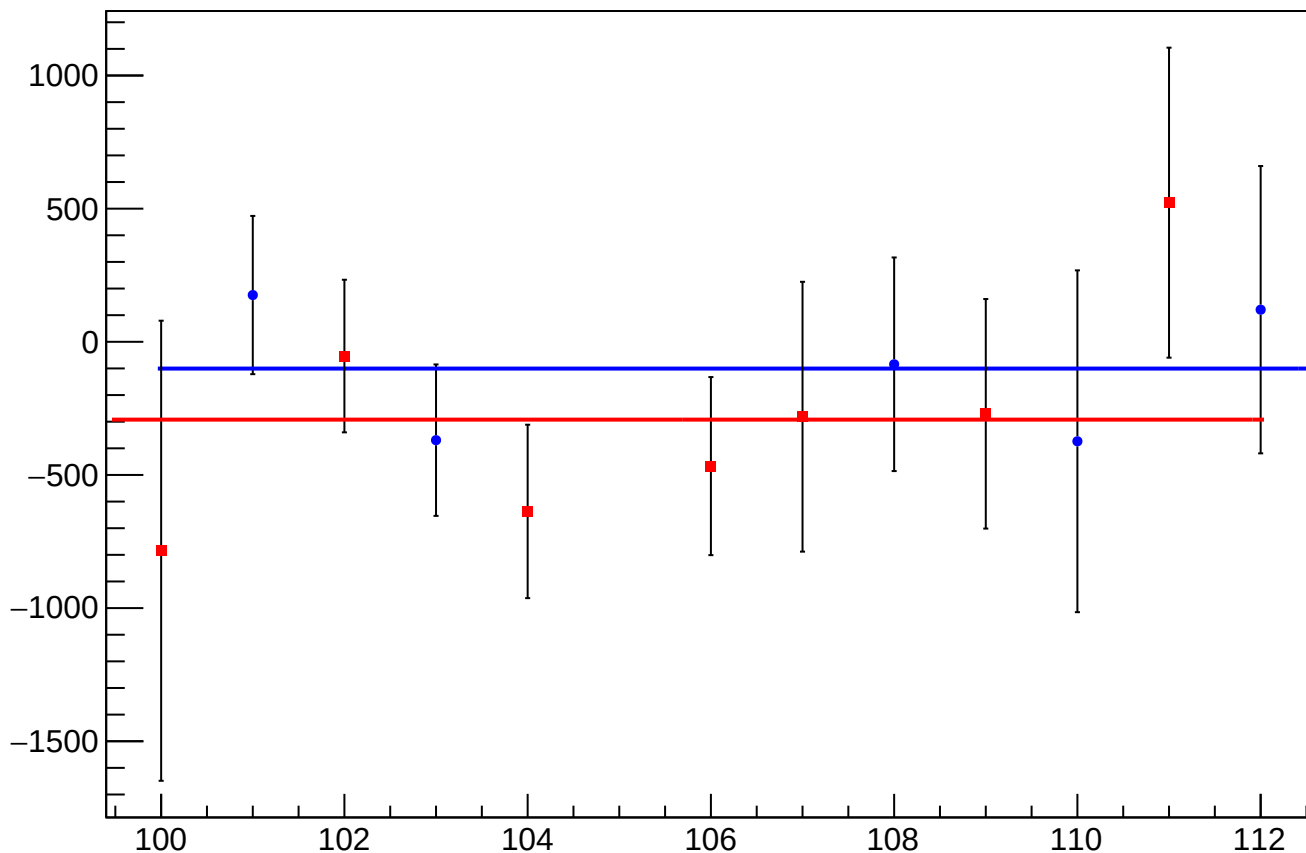
Right: 68.310+/-0.021 χ^2/NDF : 241939.4/11

In: 67.010+/-0.030 χ^2/NDF : 71012.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.310+/-0.021 χ^2/NDF : 241939.4/11

asym_sam_37_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -100.499+/-167.190 χ^2/NDF : 2.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -292.228+/-150.538 χ^2/NDF : 4.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

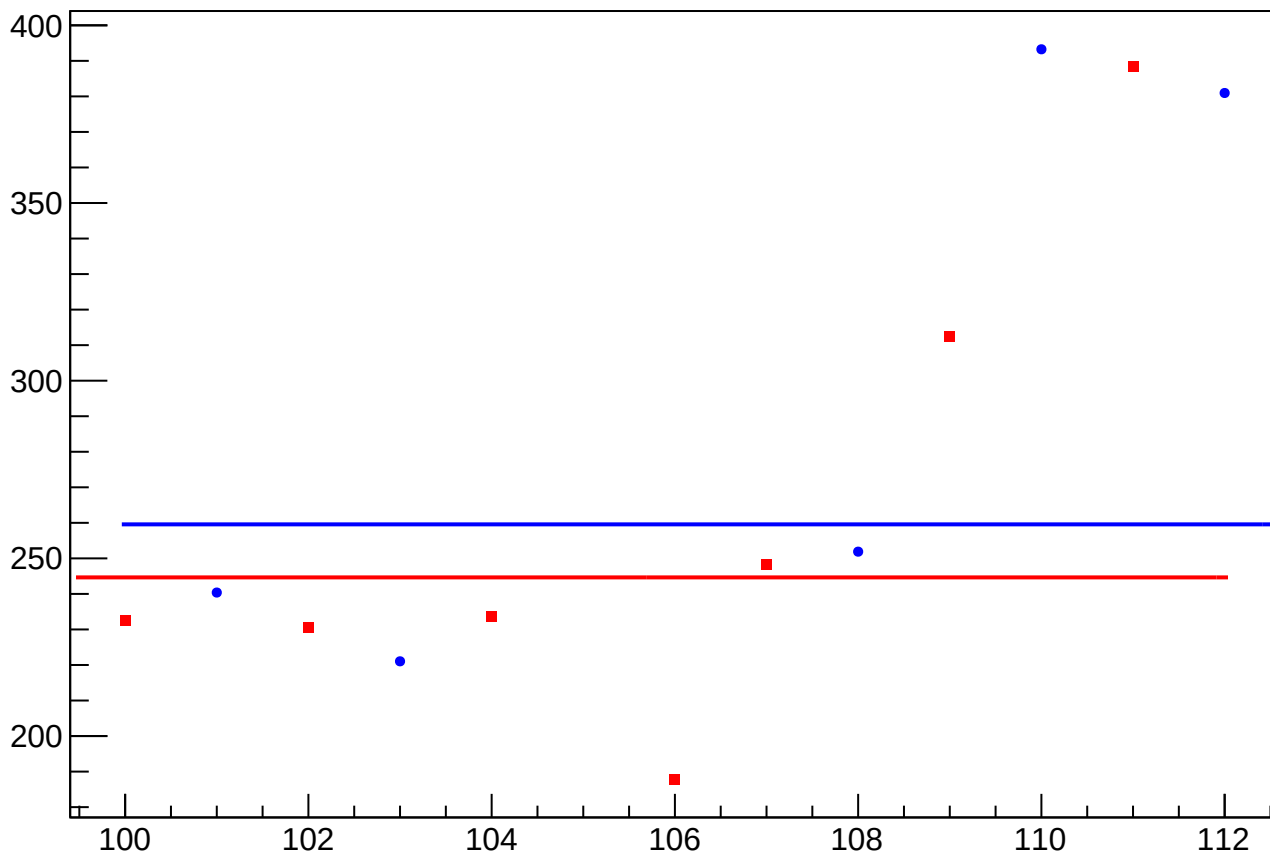
Right: -206.385+/-111.872 χ^2/NDF : 7.2/11

In: -100.499+/-167.190 χ^2/NDF : 2.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -206.385+/-111.872 χ^2/NDF : 7.2/11

asym_sam_37_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 259.572 $\pm$ 0.118 χ^2 /NDF: 233847.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 244.648 $\pm$ 0.106 χ^2 /NDF: 237226.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

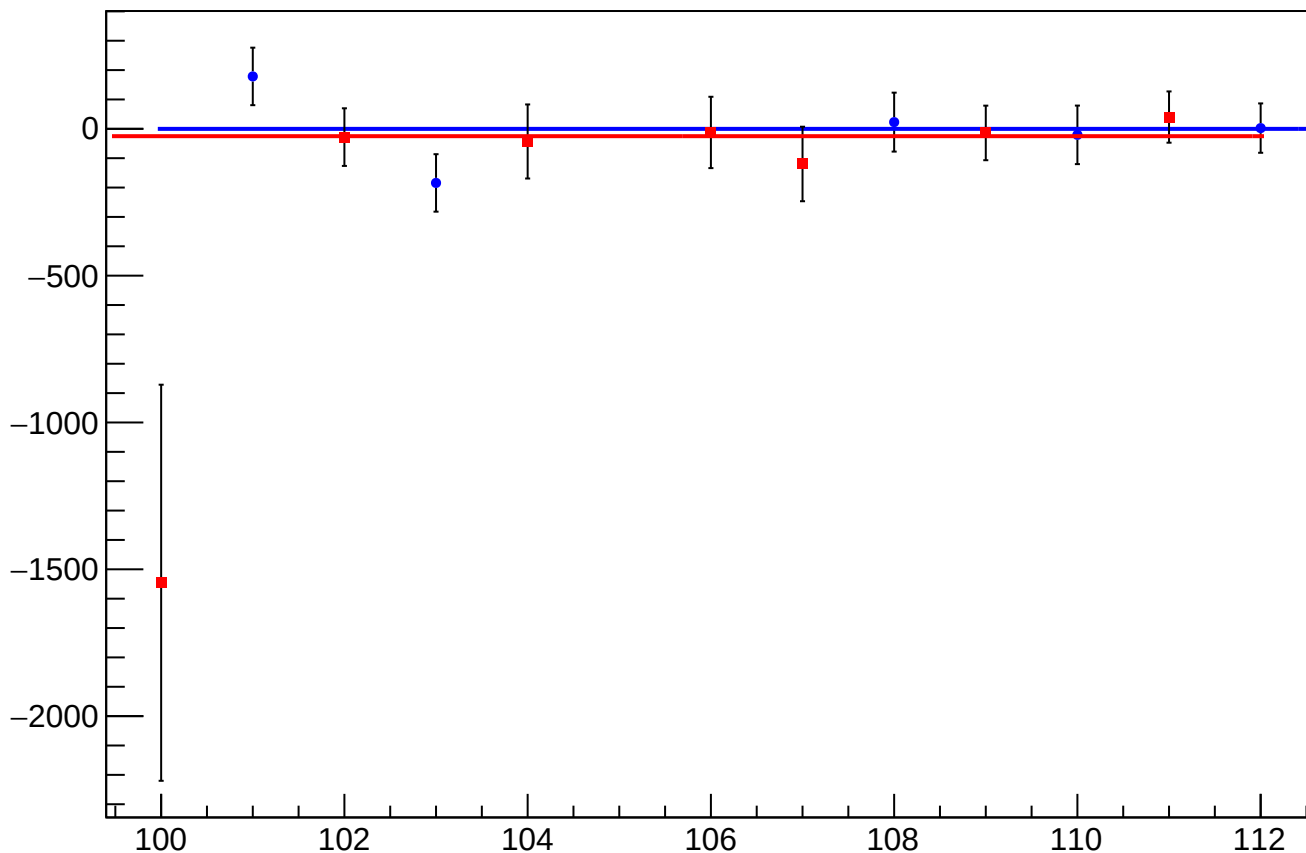
Right: 251.330 $\pm$ 0.079 χ^2 /NDF: 479874.4/11

In: 259.572 $\pm$ 0.118 χ^2 /NDF:233847.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 251.330 $\pm$ 0.079 χ^2 /NDF: 479874.4/11

eigen_dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: -0.143+/-42.630 χ^2/NDF : 7.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.044+/-42.798 χ^2/NDF : 6.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

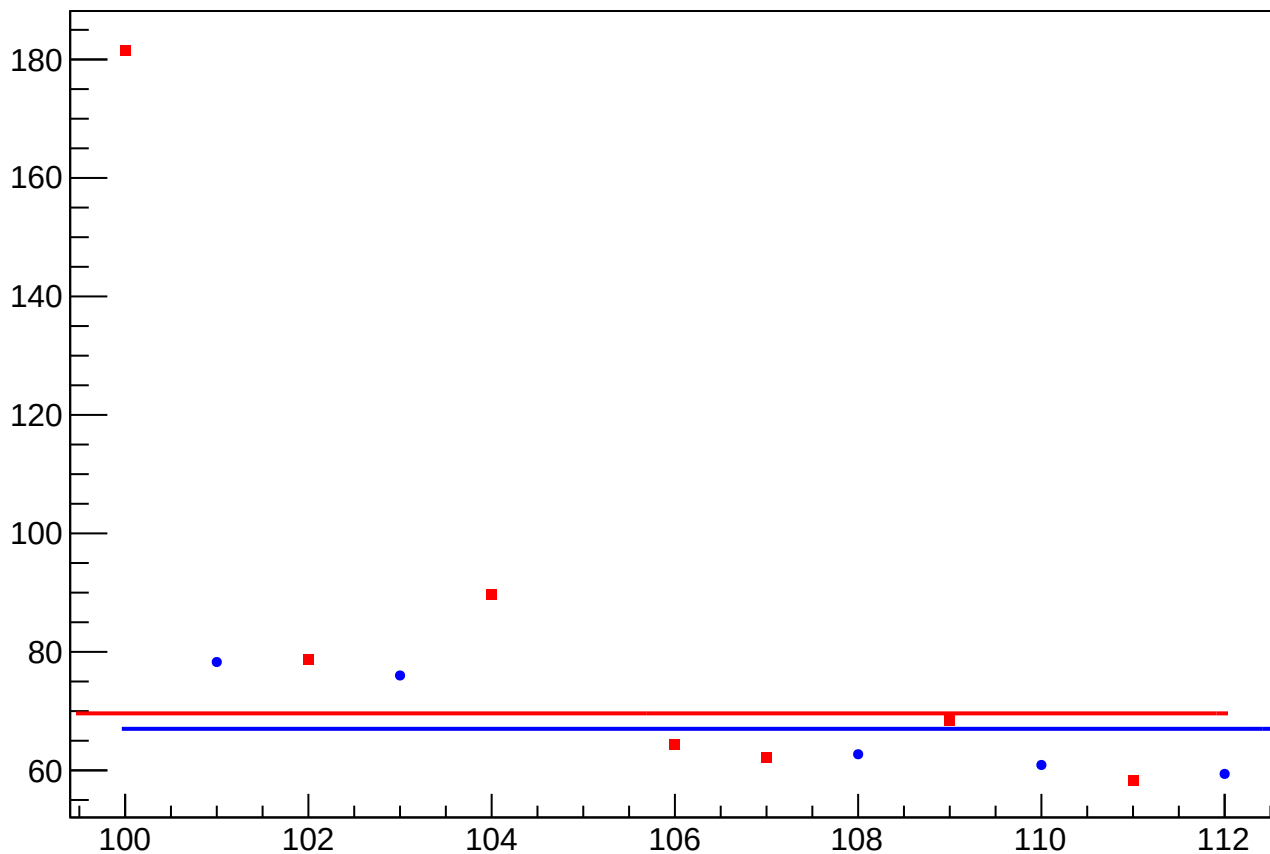
Right: -12.545+/-30.203 χ^2/NDF : 13.4/11

In: -0.143+/-42.630 χ^2/NDF : 7.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.545+/-30.203 χ^2/NDF : 13.4/11

eigen_dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 67.010+/-0.030 χ^2/NDF : 71014.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.619+/-0.030 χ^2/NDF : 167200.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

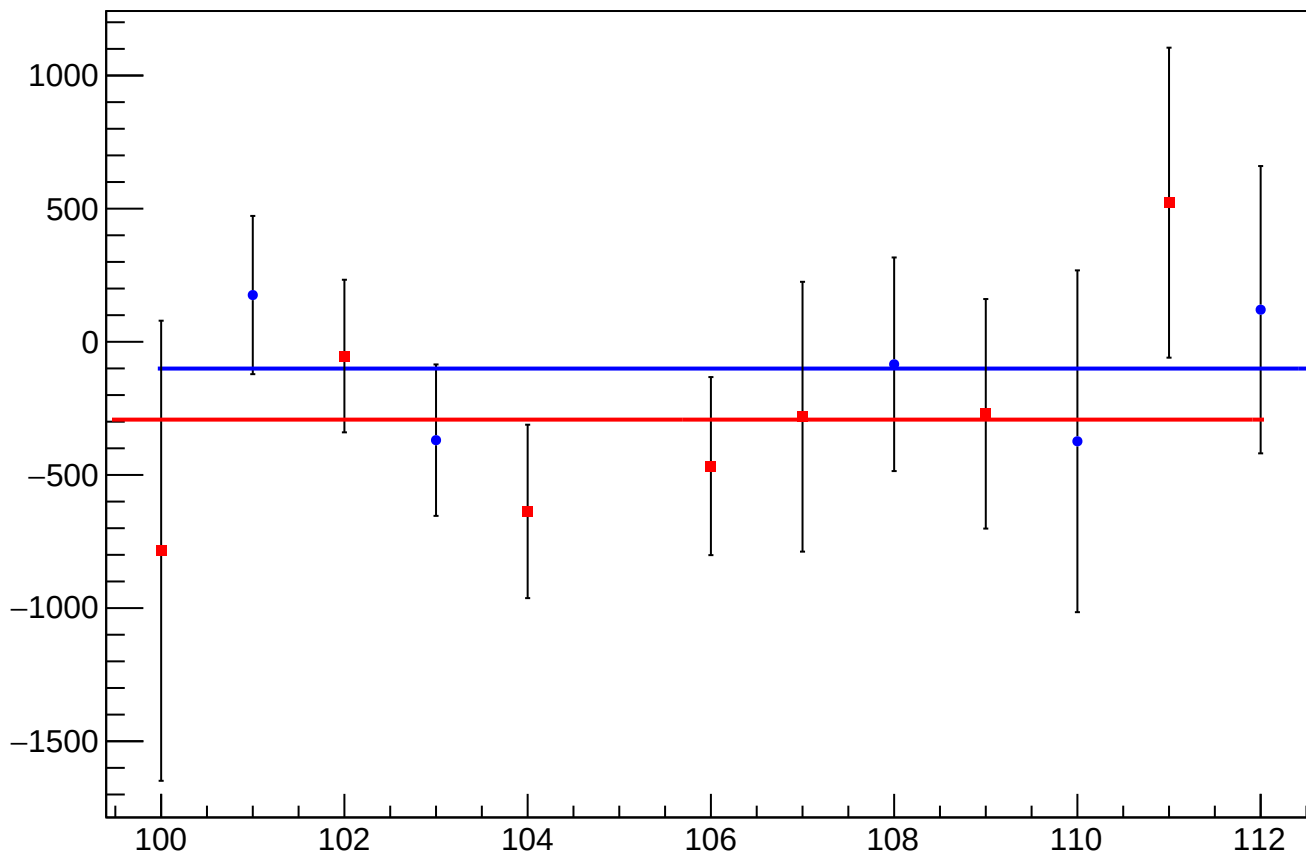
Right: 68.310+/-0.021 χ^2/NDF : 241946.2/11

In: 67.010+/-0.030 χ^2/NDF : 71014.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.310+/-0.021 χ^2/NDF : 241946.2/11

asym_sam_37_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -100.500+/-167.190 χ^2/NDF : 2.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -292.228+/-150.538 χ^2/NDF : 4.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

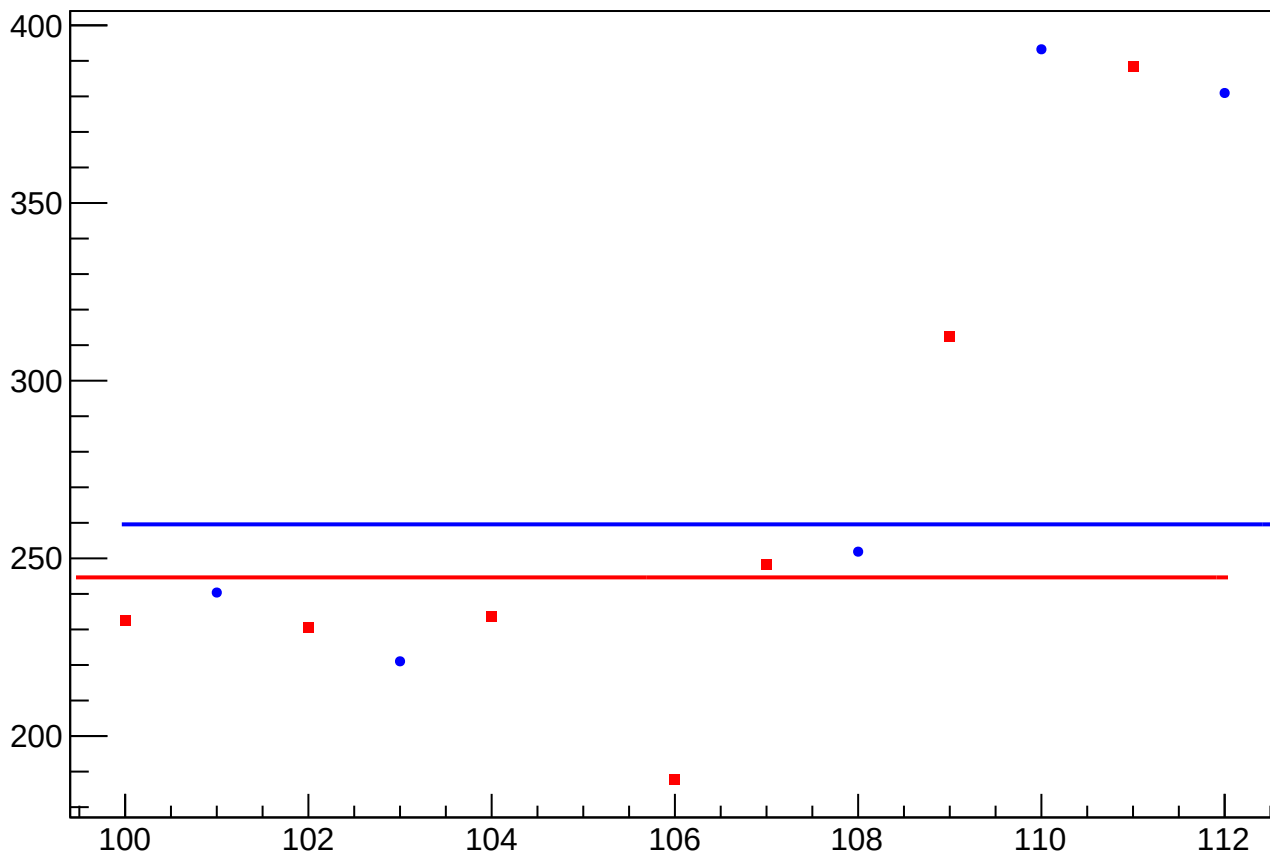
Right: -206.385+/-111.872 χ^2/NDF : 7.2/11

In: -100.500+/-167.190 χ^2/NDF : 2.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -206.385+/-111.872 χ^2/NDF : 7.2/11

asym_sam_37_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 259.572 $\pm$ 0.118 χ^2 /NDF: 233845.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 244.649 $\pm$ 0.106 χ^2 /NDF: 237224.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

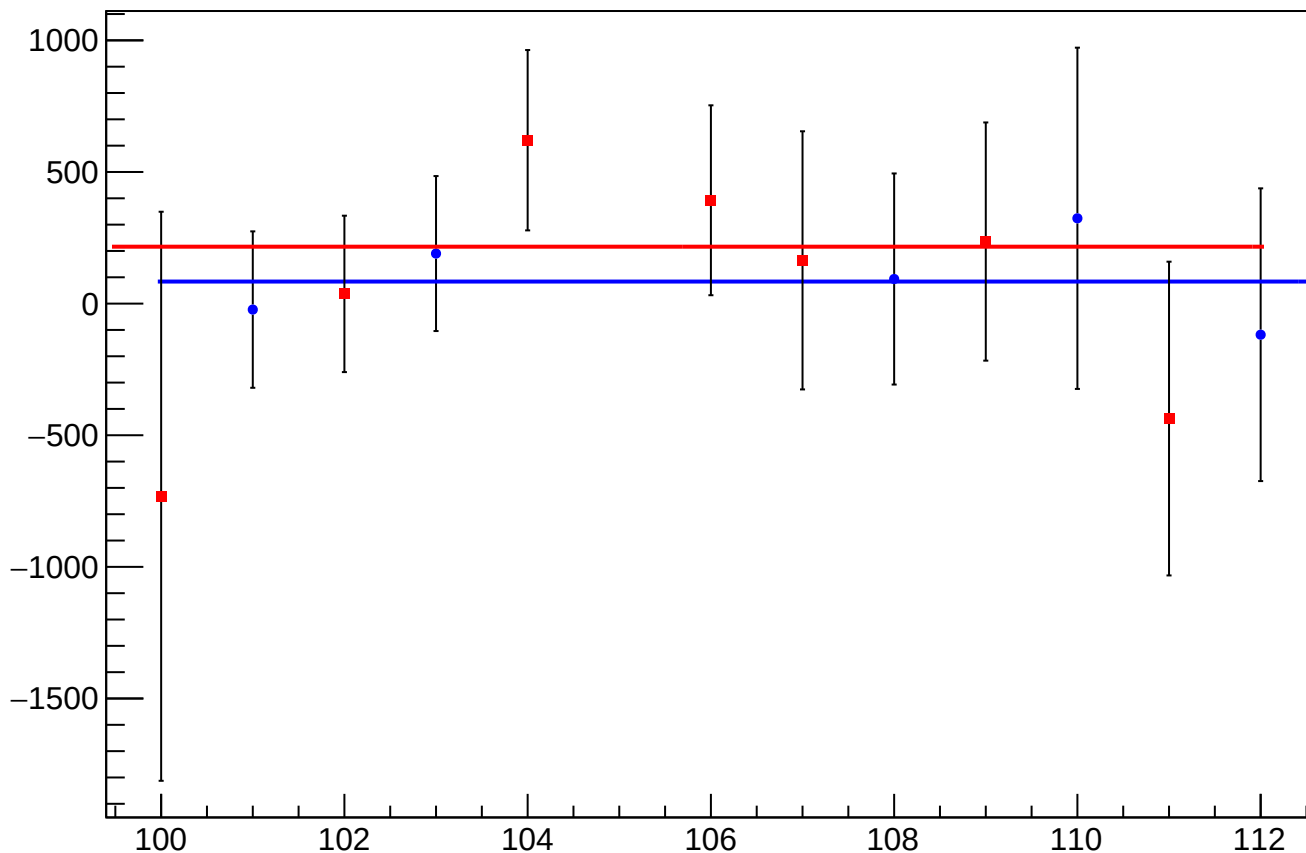
Right: 251.330 $\pm$ 0.079 χ^2 /NDF: 479870.7/11

In: 259.572 $\pm$ 0.118 χ^2 /NDF:233845.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 251.330 $\pm$ 0.079 χ^2 /NDF: 479870.7/11

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 83.812 $\pm$ 169.739 χ^2 /NDF: 0.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 216.229 $\pm$ 157.603 χ^2 /NDF: 4.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

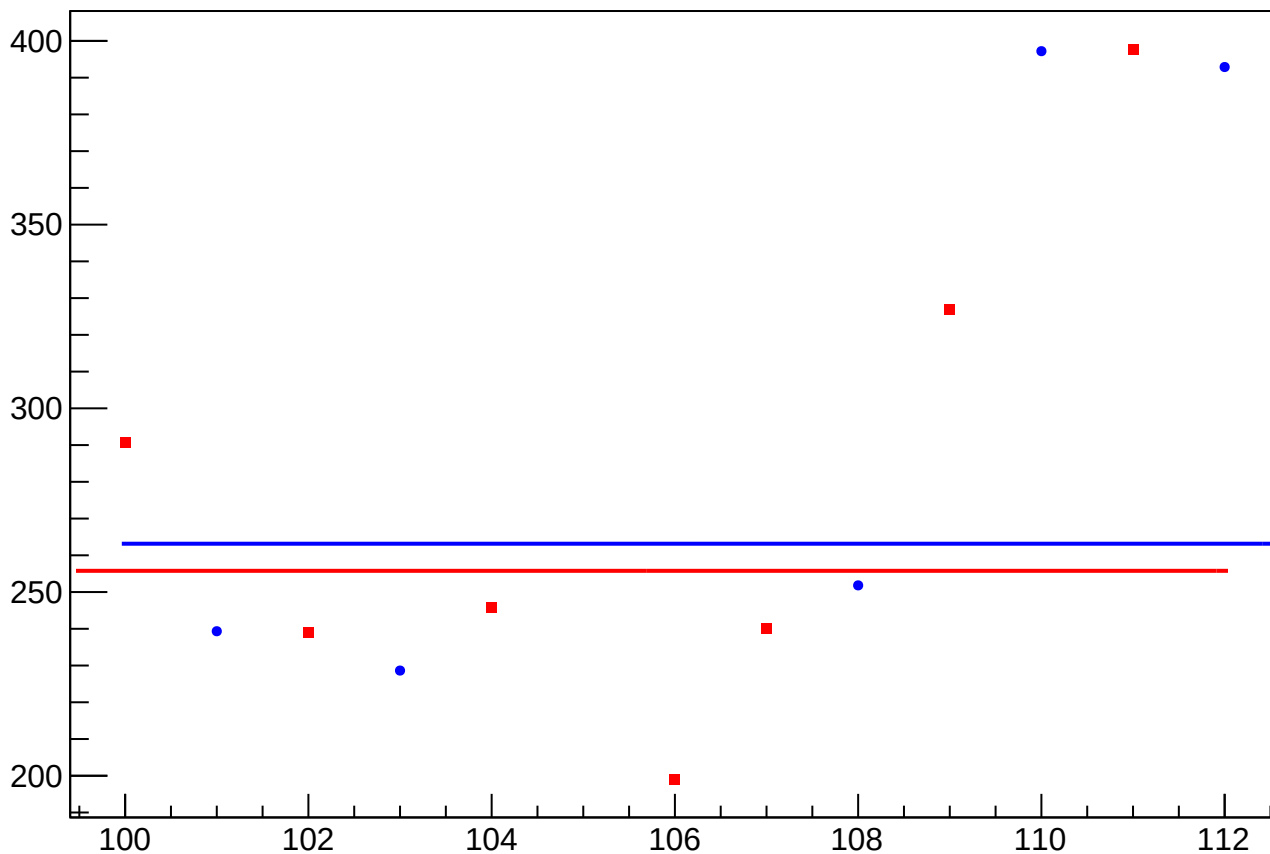
Right: 154.923 $\pm$ 115.494 χ^2 /NDF: 4.8/11

In: 83.812 $\pm$ 169.739 χ^2 /NDF: 0.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 154.923 $\pm$ 115.494 χ^2 /NDF: 4.8/11

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 263.154+/-0.120 χ^2/NDF : 236431.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 255.776+/-0.111 χ^2/NDF : 224845.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

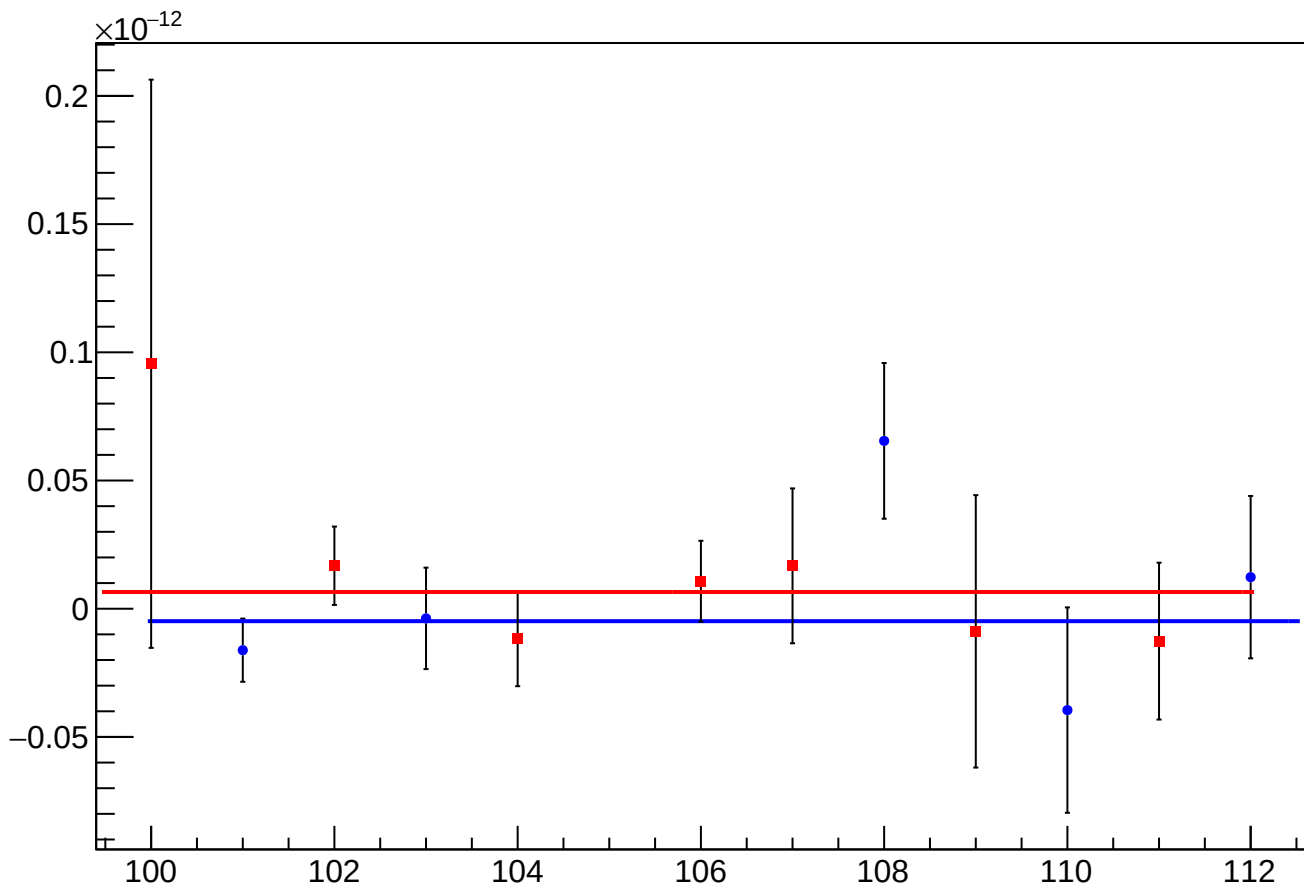
Right: 259.192+/-0.082 χ^2/NDF : 463305.7/11

In: 263.154+/-0.120 χ^2/NDF : 236431.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 259.192+/-0.082 χ^2/NDF : 463305.7/11

asym_sam_37_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

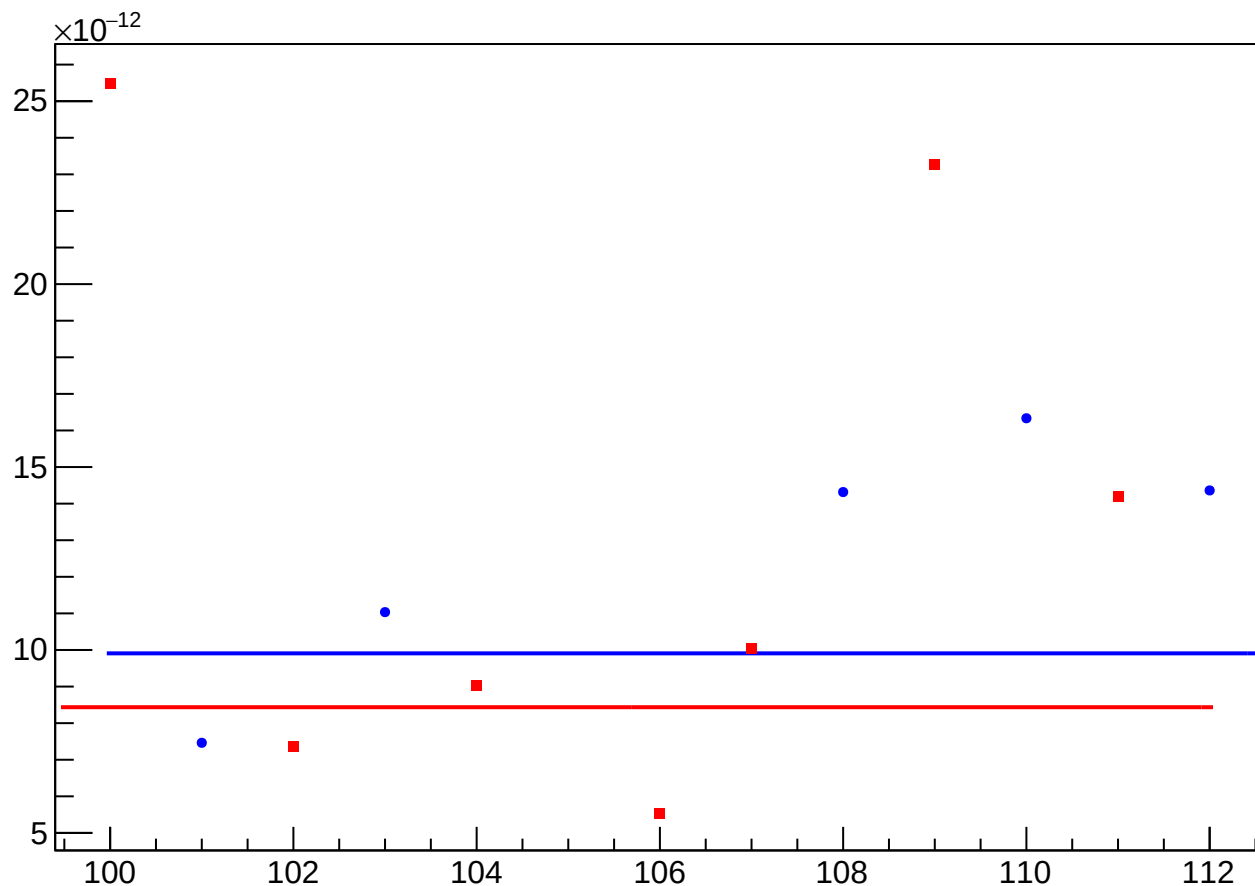
Right: 0.000+/-0.000 χ^2/NDF : 10.8/11

In: -0.000+/-0.000 χ^2/NDF : 7.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.8/11

asym_sam_37_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 218420.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 359634.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

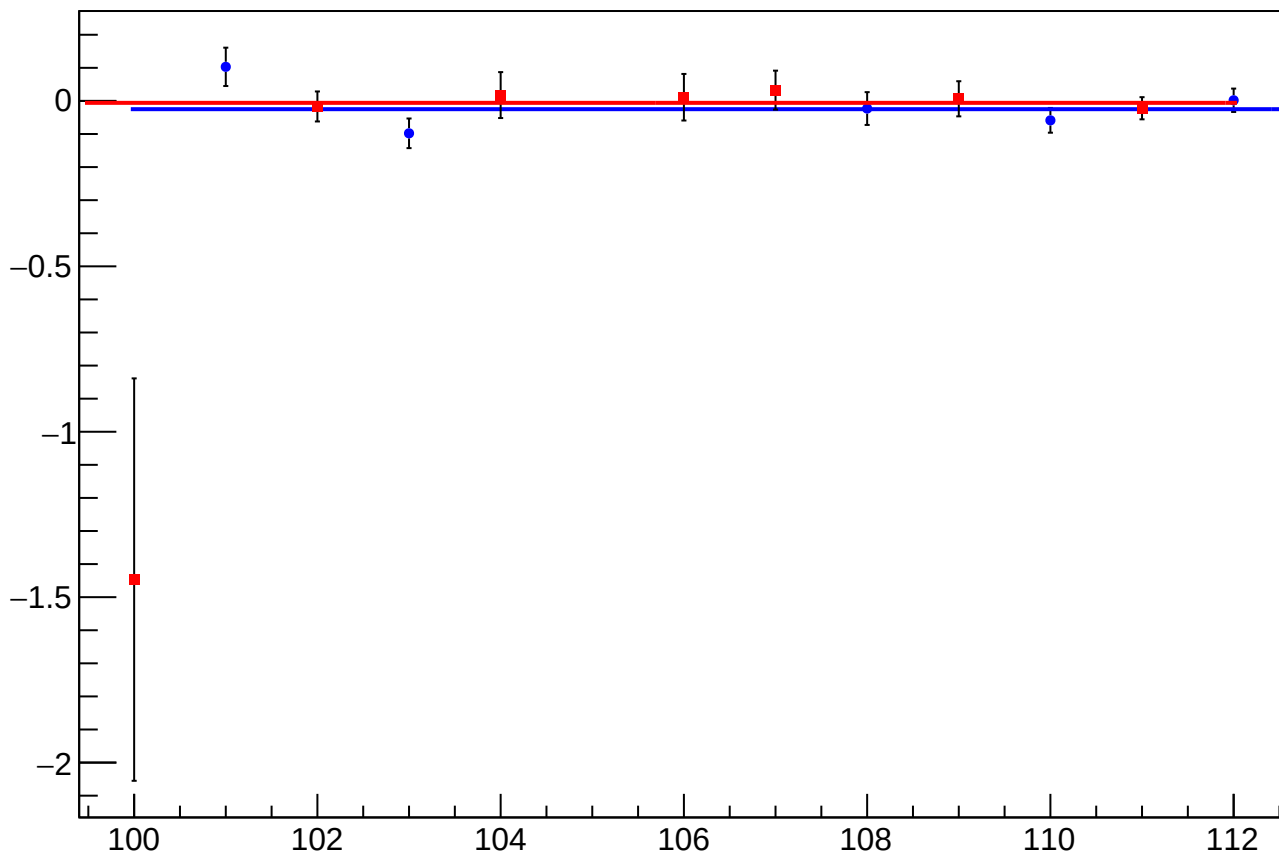
Right: 0.000+/-0.000 χ^2/NDF : 605720.0/11

In: 0.000+/-0.000 χ^2/NDF : 218420.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 605720.0/11

asym_sam_37_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025+/-0.019 χ^2/NDF : 8.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.006+/-0.020 χ^2/NDF : 6.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

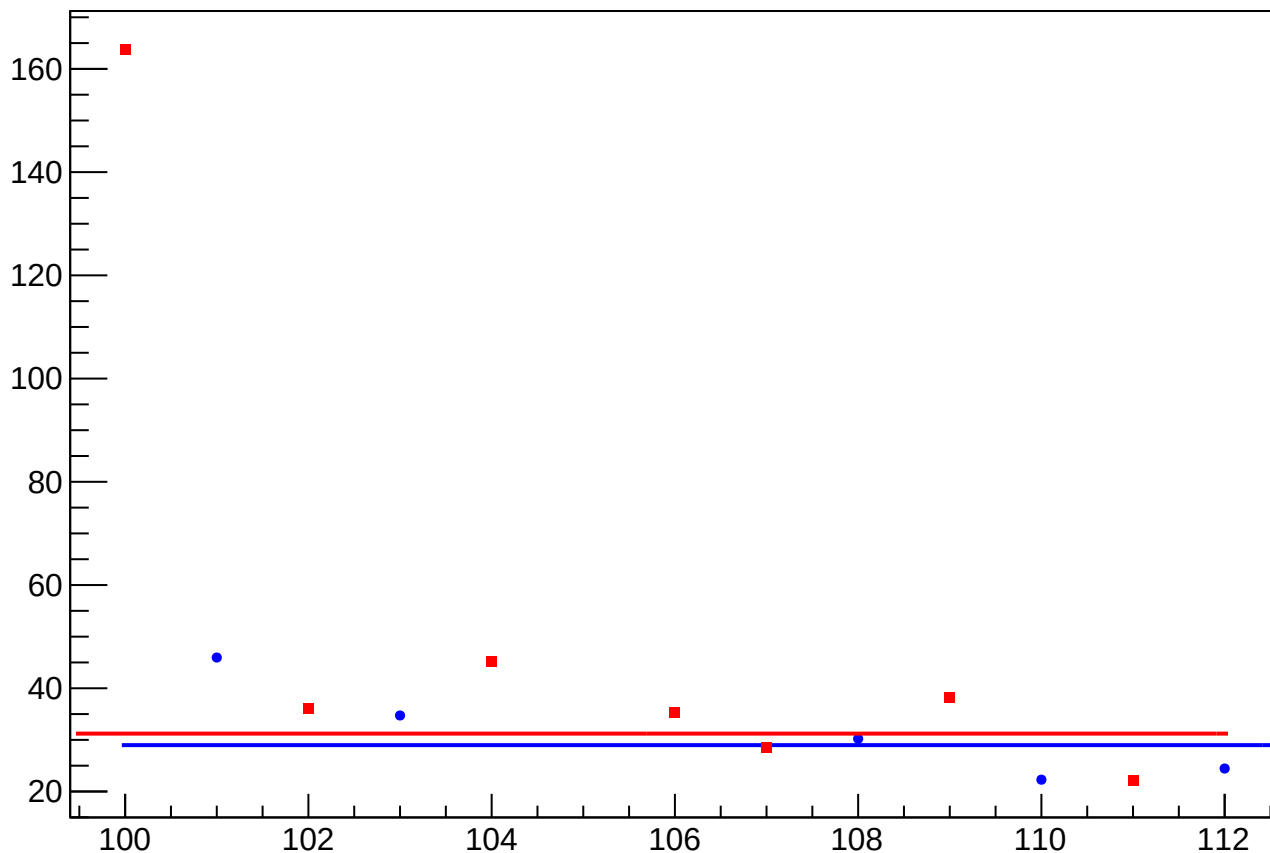
Right: -0.016+/-0.014 χ^2/NDF : 16.0/11

In: -0.025+/-0.019 χ^2/NDF : 8.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.014 χ^2/NDF : 16.0/11

asym_sam_37_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.983+/-0.014 χ^2/NDF : 302736.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.214+/-0.014 χ^2/NDF : 392504.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

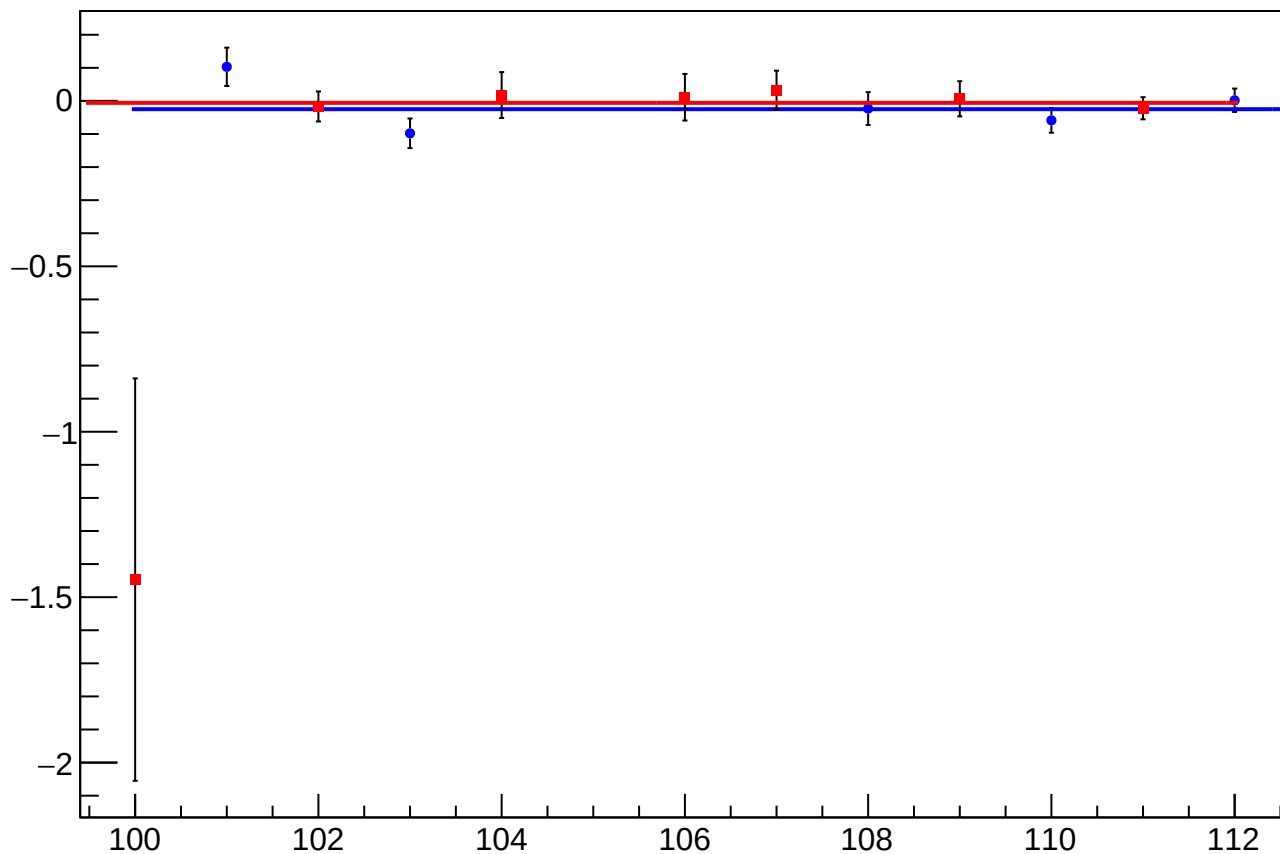
Right: 30.036+/-0.010 χ^2/NDF : 708033.3/11

In: 28.983+/-0.014 χ^2/NDF : 302736.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.036+/-0.010 χ^2/NDF : 708033.3/11

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025+/-0.019 χ^2/NDF : 8.9/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.006+/-0.020 χ^2/NDF : 6.6/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

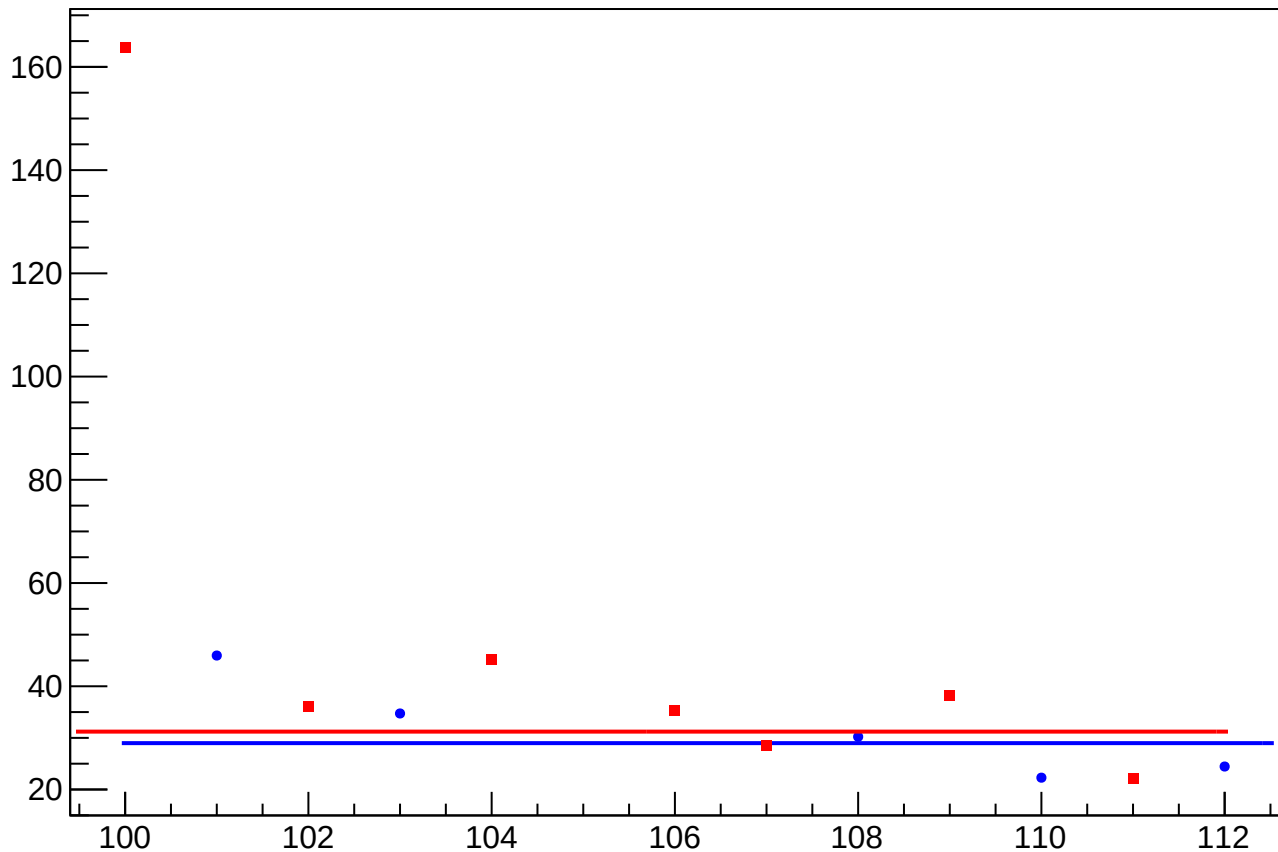
Right: -0.016+/-0.014 χ^2/NDF : 16.0/11

In: -0.025+/-0.019 χ^2/NDF :8.9/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.016+/-0.014 χ^2/NDF : 16.0/11

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.983+/-0.014 χ^2/NDF : 302736.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.214+/-0.014 χ^2/NDF : 392504.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

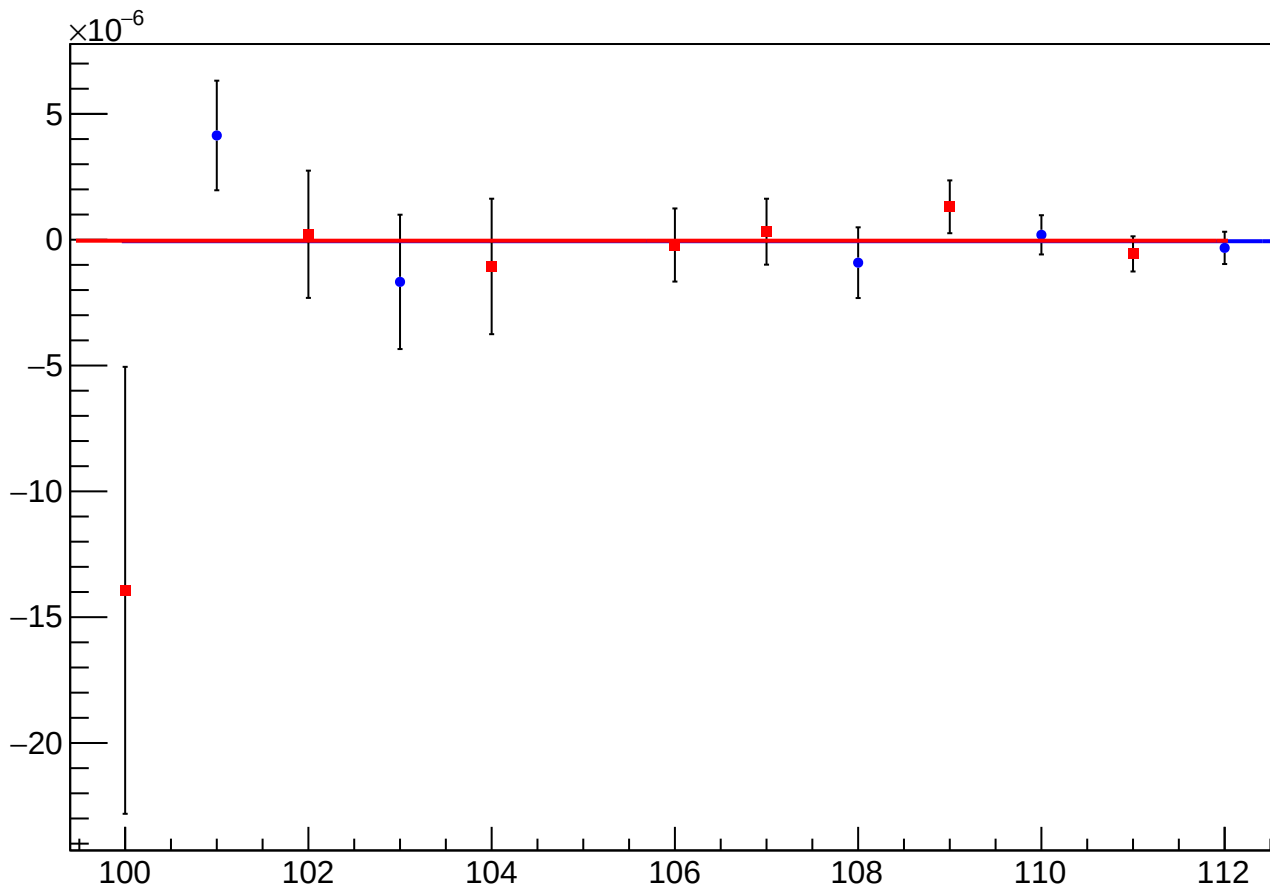
Right: 30.036+/-0.010 χ^2/NDF : 708033.3/11

In: 28.983+/-0.014 χ^2/NDF : 302736.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.036+/-0.010 χ^2/NDF : 708033.3/11

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.7/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.9/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

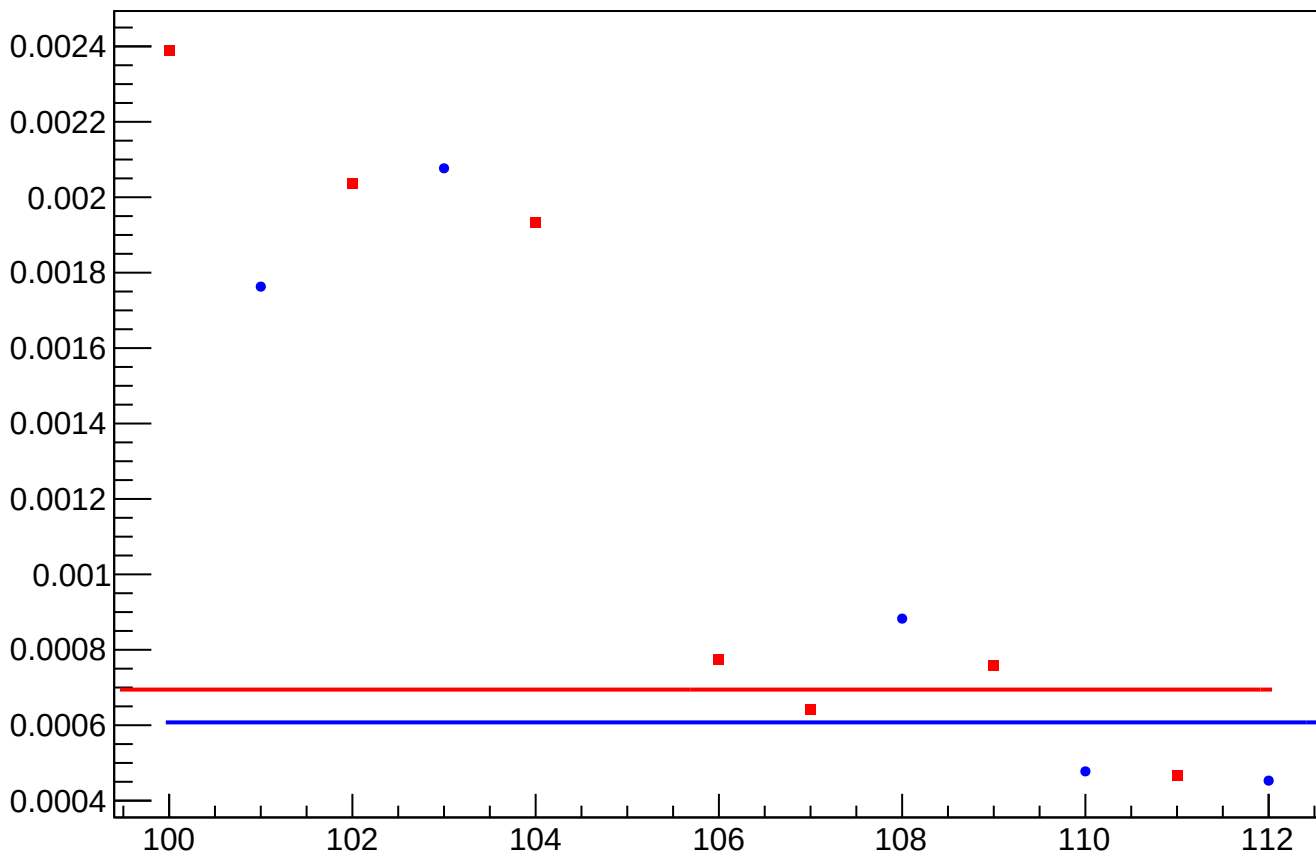
Right: -0.000+/-0.000 χ^2/NDF : 9.6/11

In: -0.000+/-0.000 χ^2/NDF :4.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.6/11

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1417003.0/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1288072.6/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

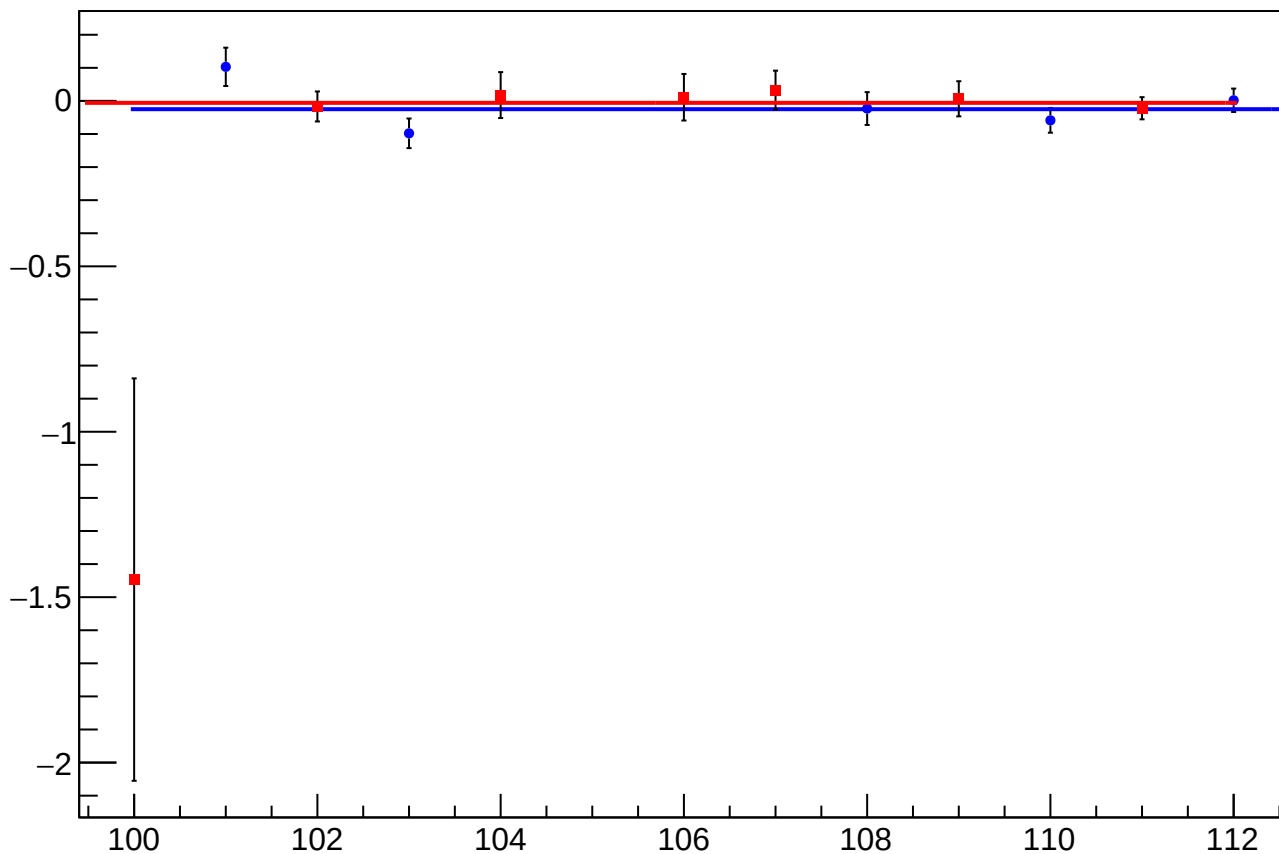
Right: 0.001+/-0.000 χ^2/NDF : 2739942.7/11

In: 0.001+/-0.000 χ^2/NDF :1417003.0/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2739942.7/11

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025+/-0.019 χ^2/NDF : 8.9/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.006+/-0.020 χ^2/NDF : 6.6/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

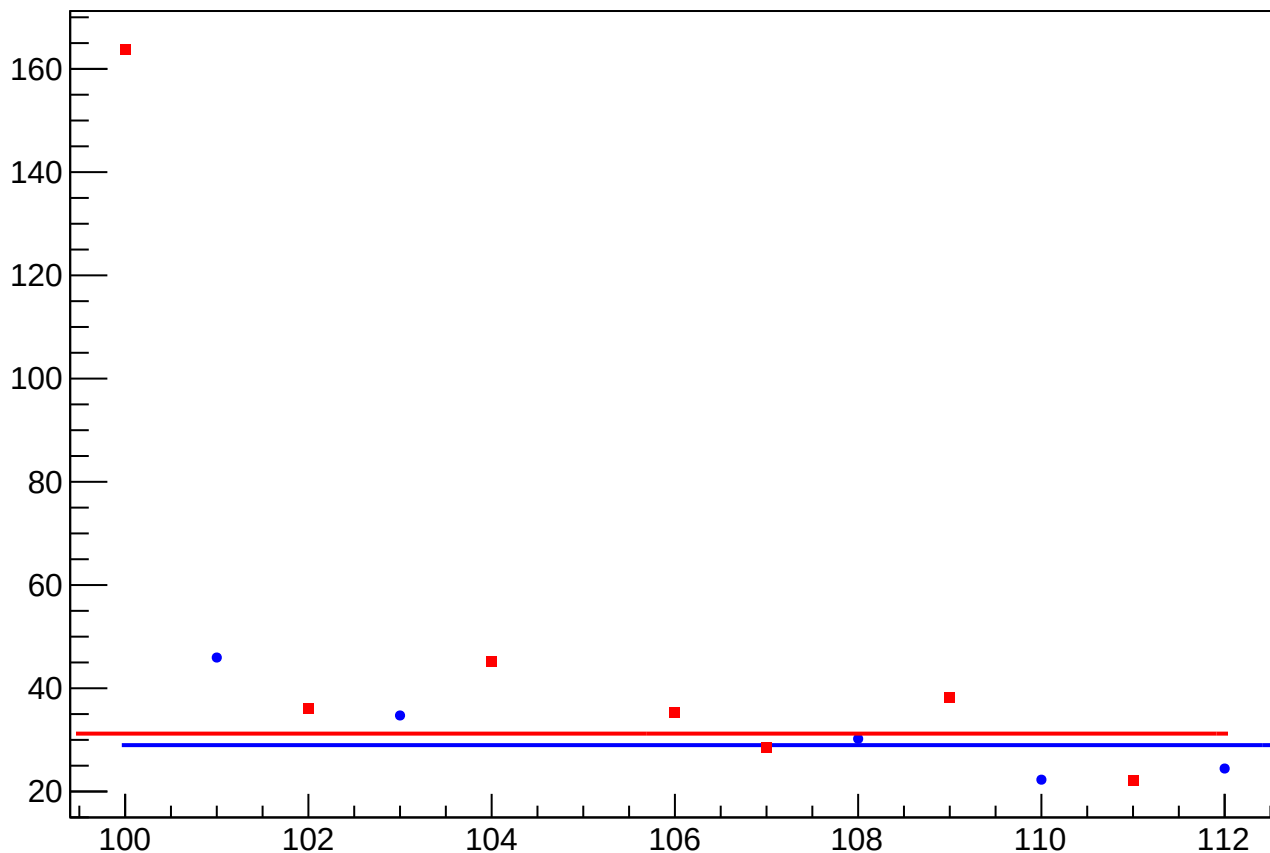
Right: -0.016+/-0.014 χ^2/NDF : 16.0/11

In: -0.025+/-0.019 χ^2/NDF :8.9/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.016+/-0.014 χ^2/NDF : 16.0/11

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.983+/-0.014 χ^2/NDF : 302751.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.214+/-0.014 χ^2/NDF : 392515.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

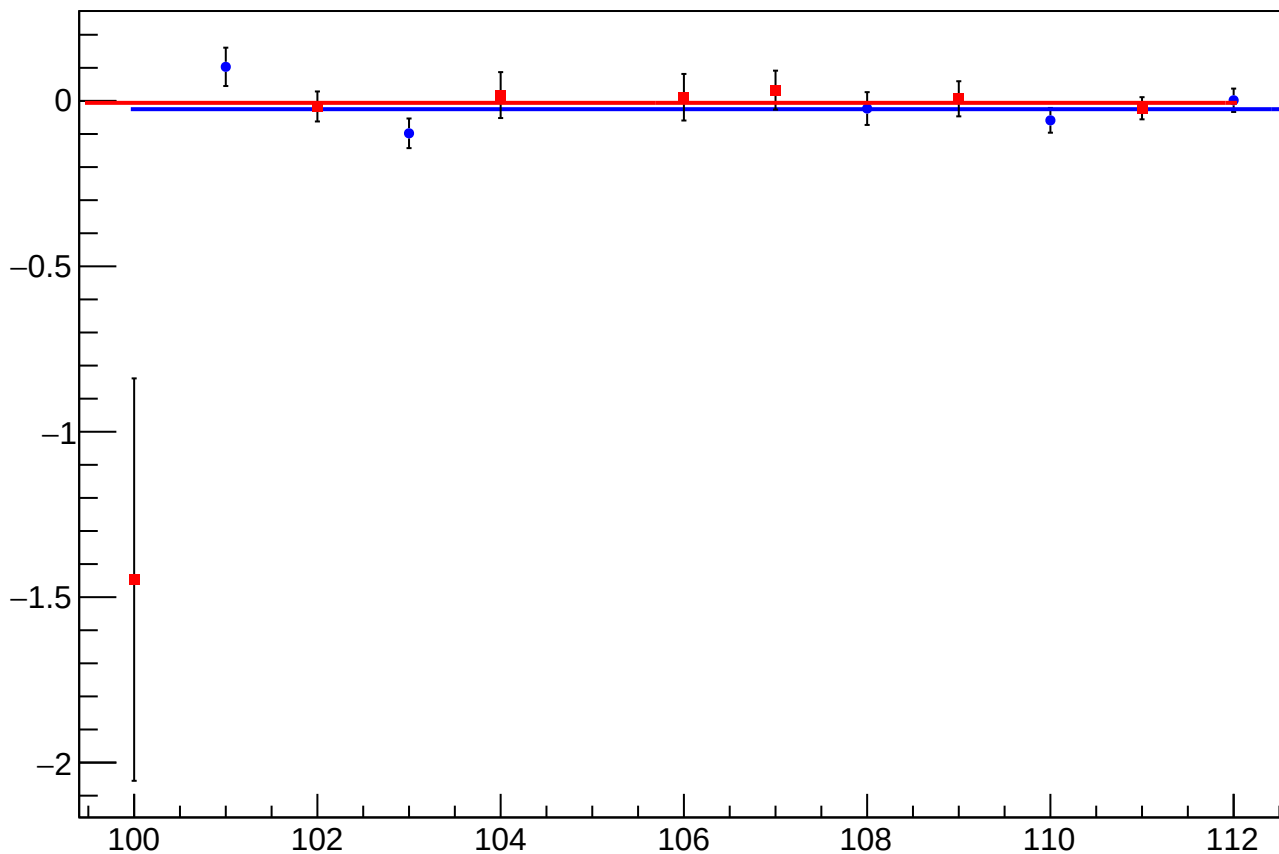
Right: 30.036+/-0.010 χ^2/NDF : 708059.9/11

In: 28.983+/-0.014 χ^2/NDF : 302751.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.036+/-0.010 χ^2/NDF : 708059.9/11

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025+/-0.019 χ^2/NDF : 8.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.006+/-0.020 χ^2/NDF : 6.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

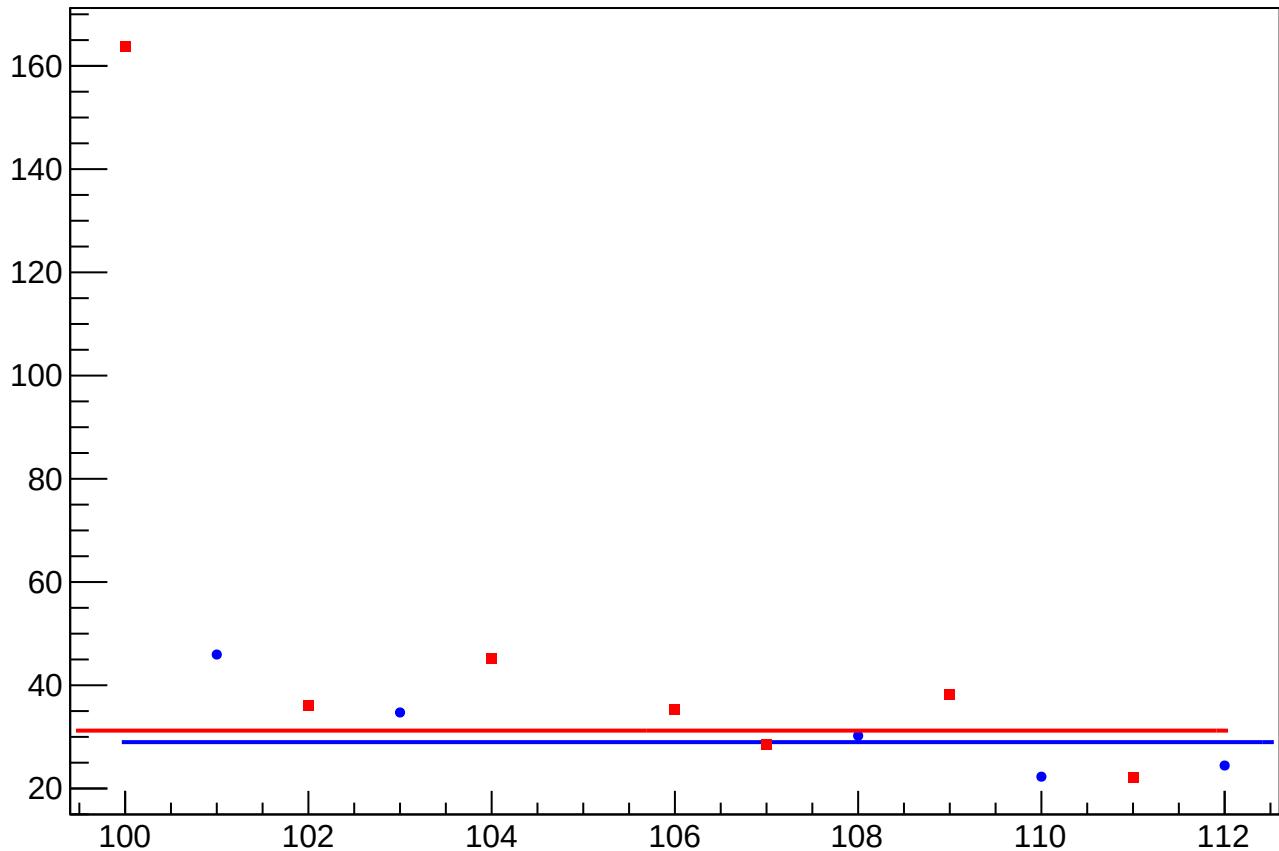
Right: -0.016+/-0.014 χ^2/NDF : 16.0/11

In: -0.025+/-0.019 χ^2/NDF : 8.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.014 χ^2/NDF : 16.0/11

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.983+/-0.014 χ^2/NDF : 302751.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.214+/-0.014 χ^2/NDF : 392515.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

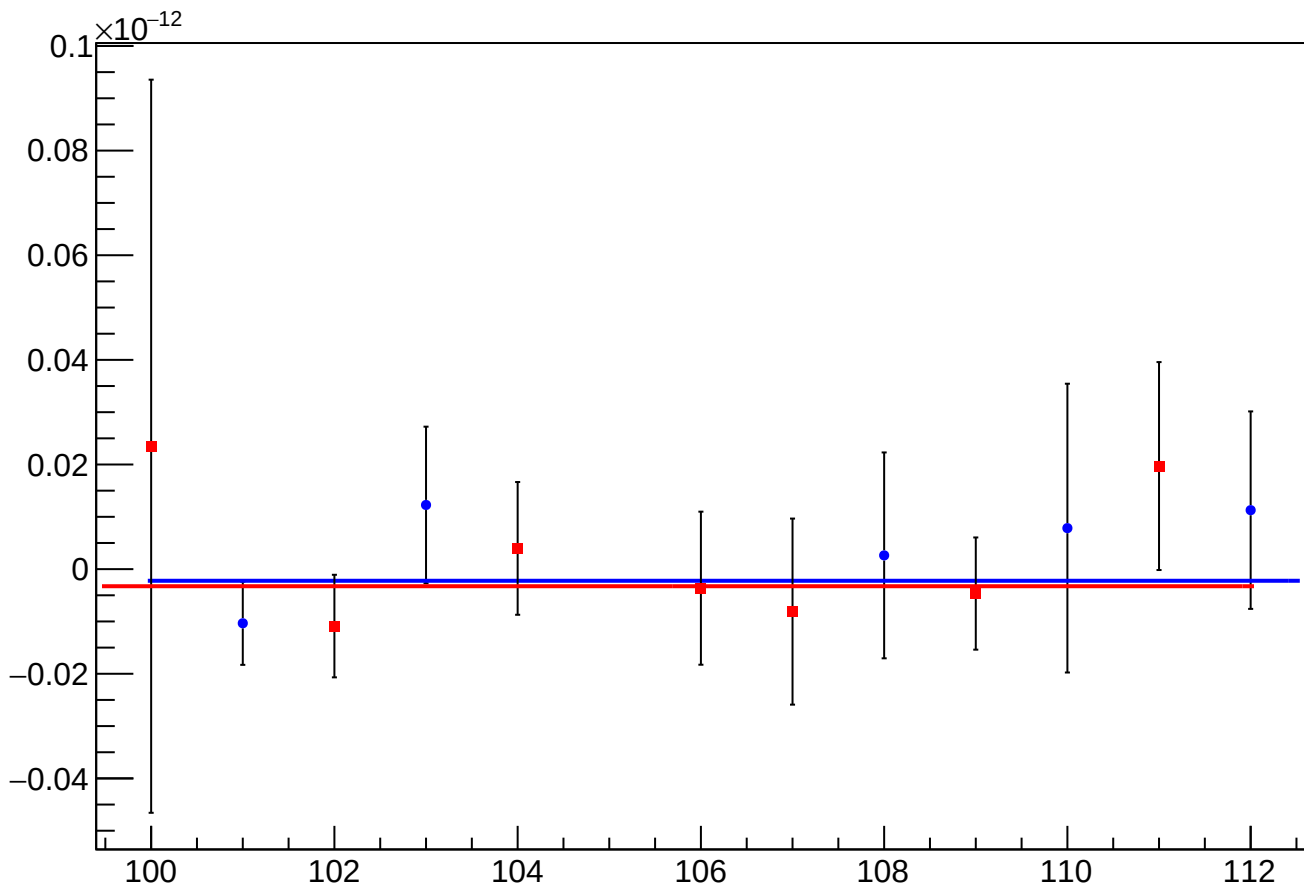
Right: 30.036+/-0.010 χ^2/NDF : 708059.9/11

In: 28.983+/-0.014 χ^2/NDF : 302751.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.036+/-0.010 χ^2/NDF : 708059.9/11

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

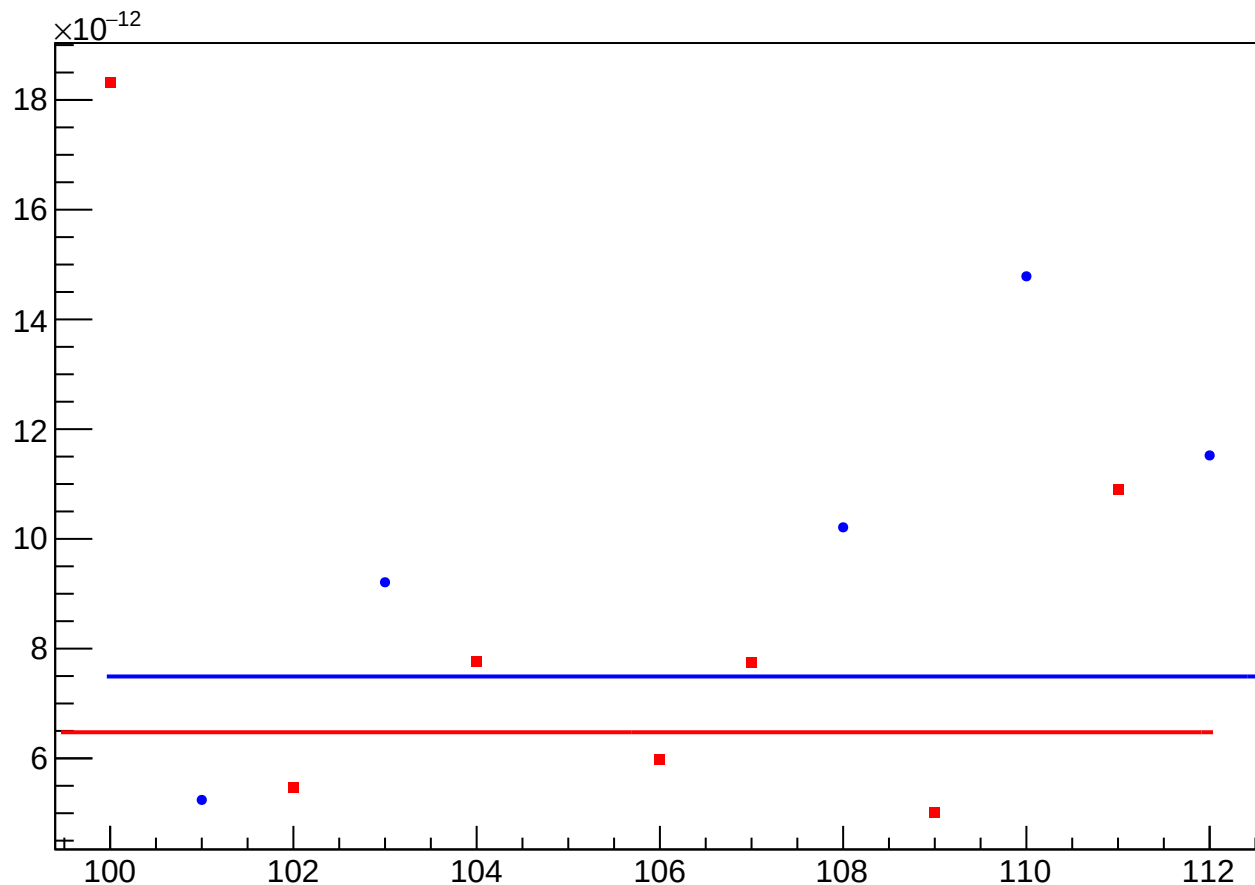
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.2/11

In: -0.000 $\pm$ 0.000 χ^2 /NDF:2.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.2/11

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 455332.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 248246.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

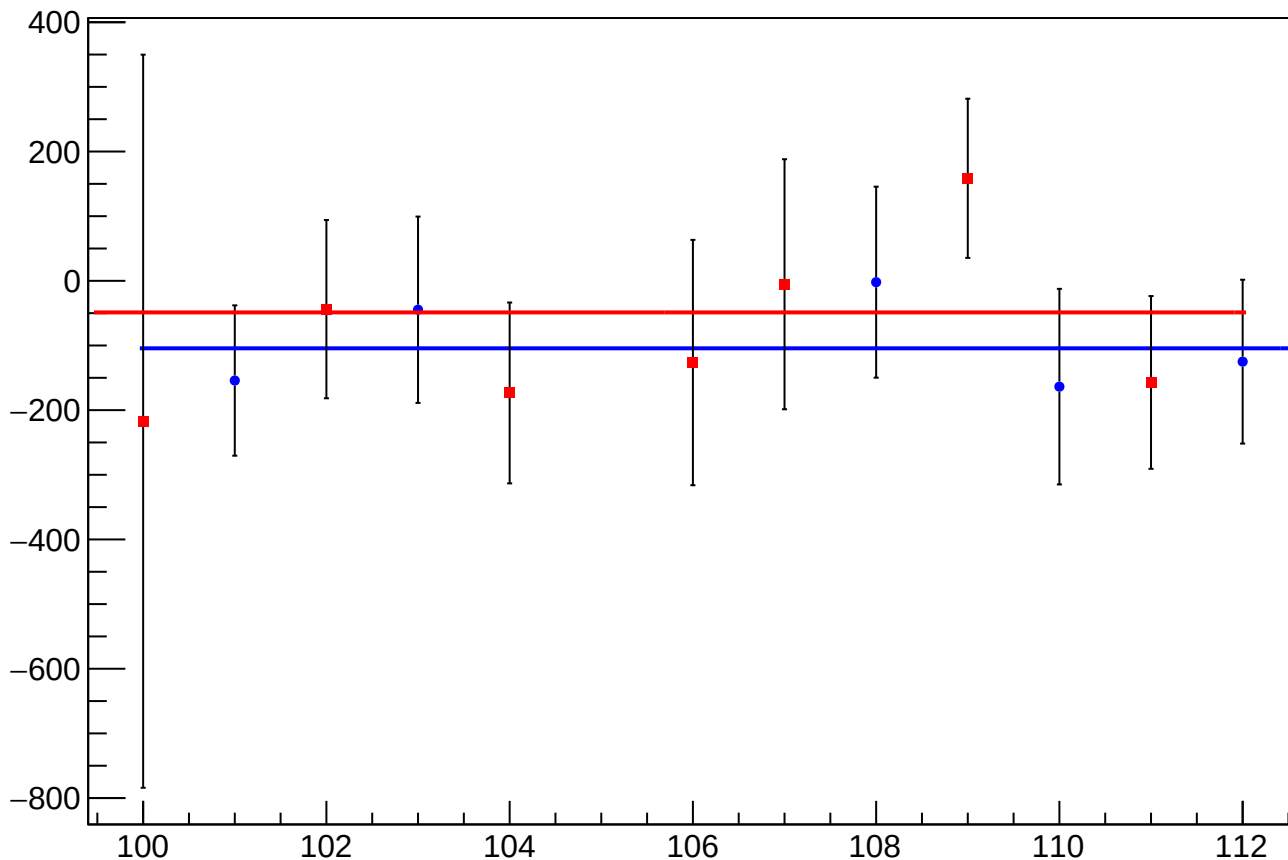
Right: 0.000+/-0.000 χ^2/NDF : 735414.4/11

In: 0.000+/-0.000 χ^2/NDF : 455332.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 735414.4/11

reg_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -104.378+/-60.417 χ^2/NDF : 1.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -48.830+/-59.408 χ^2/NDF : 4.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

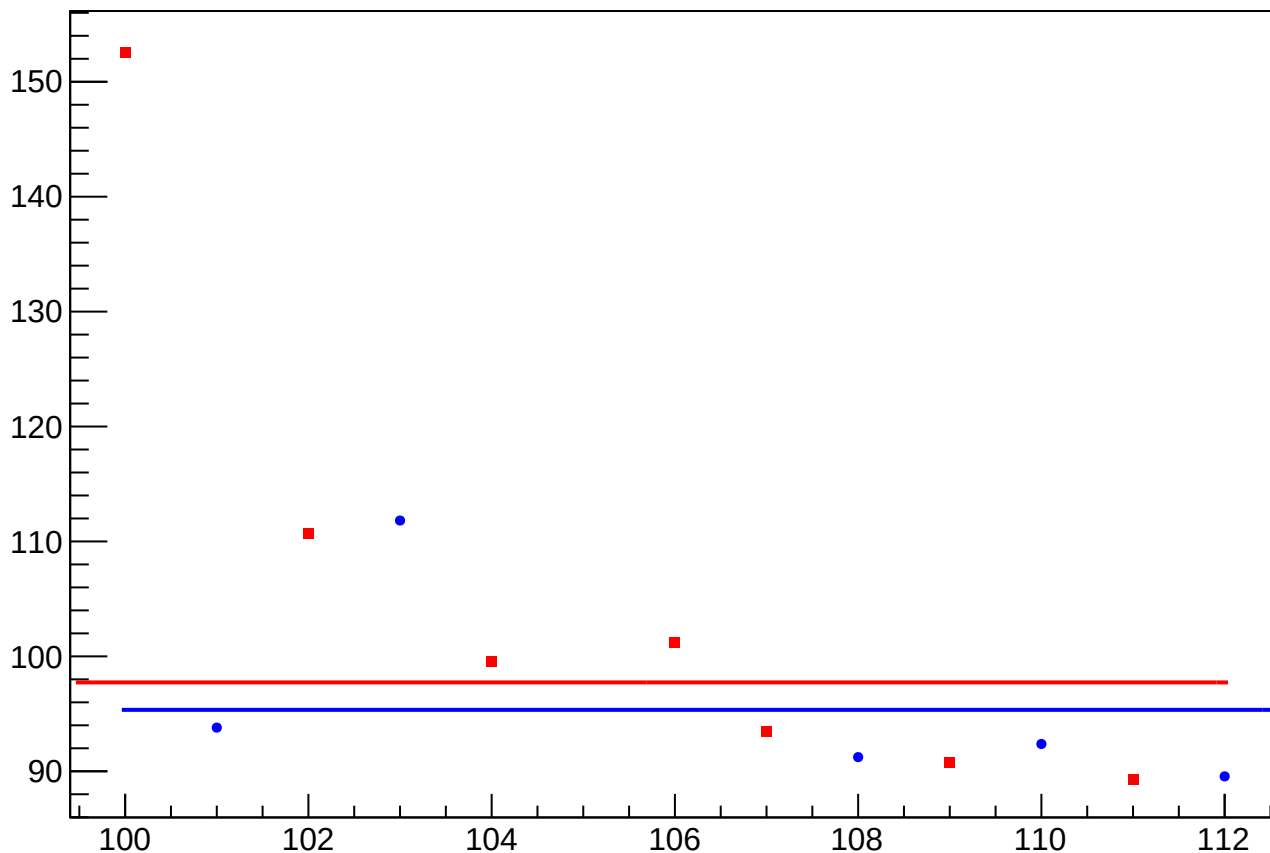
Right: -76.136+/-42.360 χ^2/NDF : 6.0/11

In: -104.378+/-60.417 χ^2/NDF : 1.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -76.136+/-42.360 χ^2/NDF : 6.0/11

reg_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 95.346+/-0.043 χ^2/NDF : 32990.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.733+/-0.042 χ^2/NDF : 52890.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

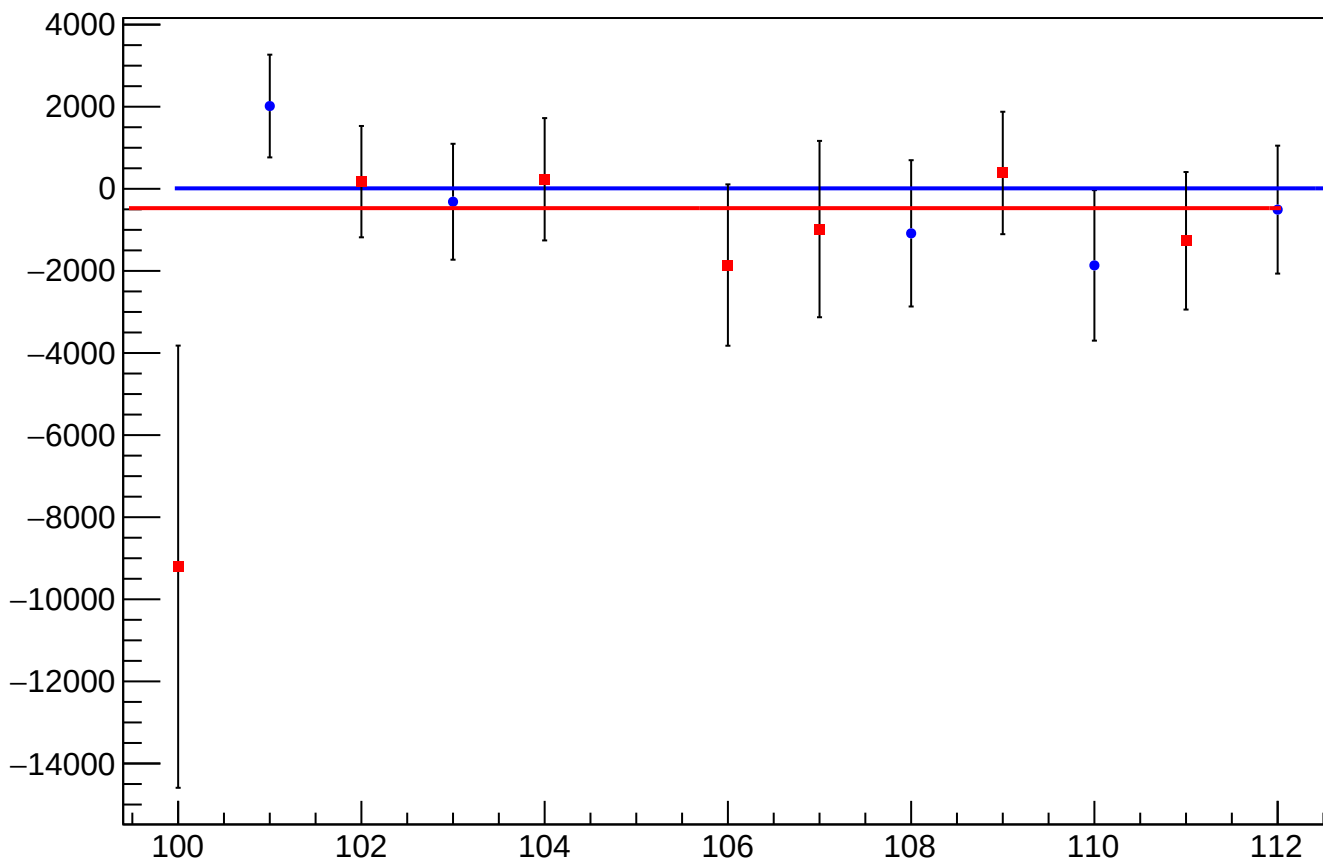
Right: 96.560+/-0.030 χ^2/NDF : 87468.8/11

In: 95.346+/-0.043 χ^2/NDF : 32990.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.560+/-0.030 χ^2/NDF : 87468.8/11

asym_sam_15_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 11.223+/-679.700 χ^2/NDF : 4.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -471.259+/-657.955 χ^2/NDF : 4.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

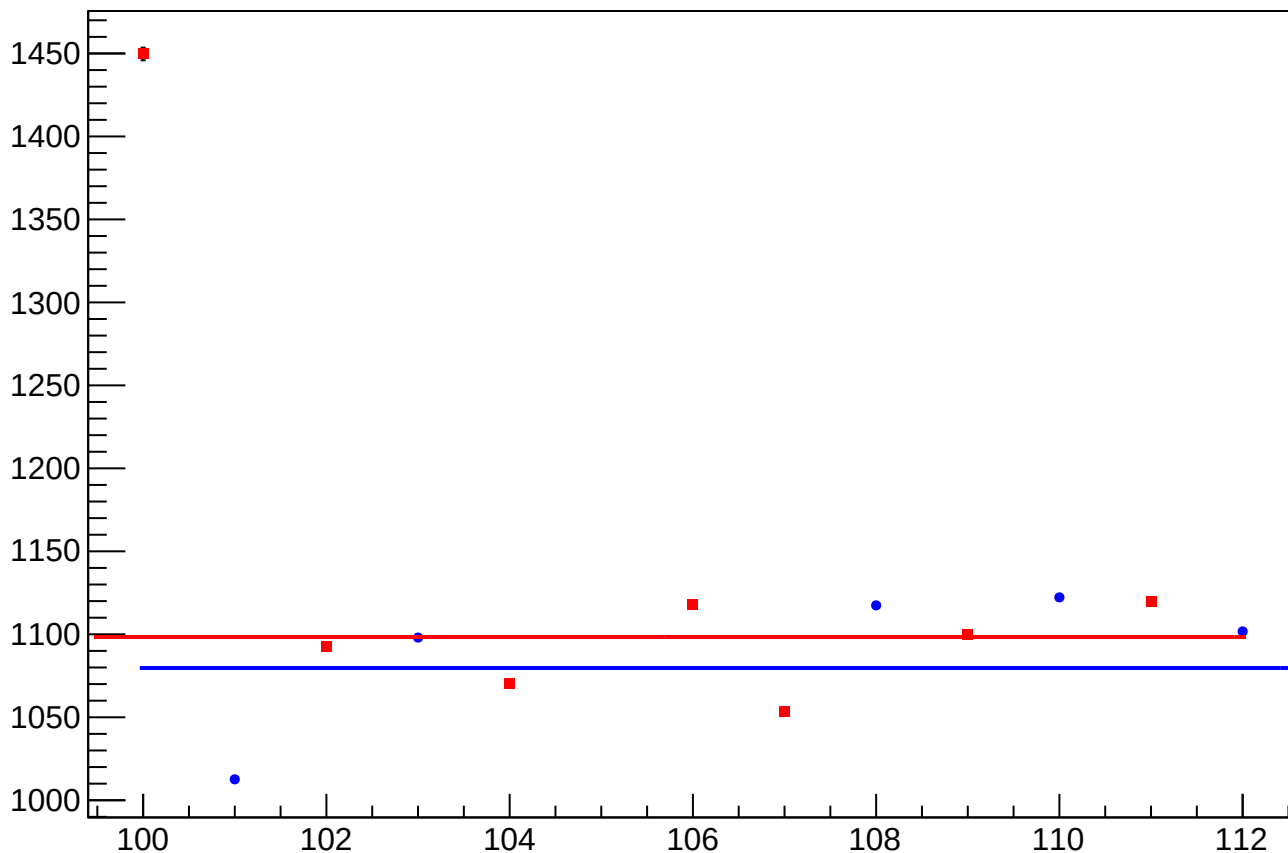
Right: -237.859+/-472.745 χ^2/NDF : 8.6/11

In: 11.223+/-679.700 χ^2/NDF : 4.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -237.859+/-472.745 χ^2/NDF : 8.6/11

asym_sam_15_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1079.682 $\pm$ 0.481 χ^2 /NDF: 8461.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1098.365 $\pm$ 0.465 χ^2 /NDF: 10634.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

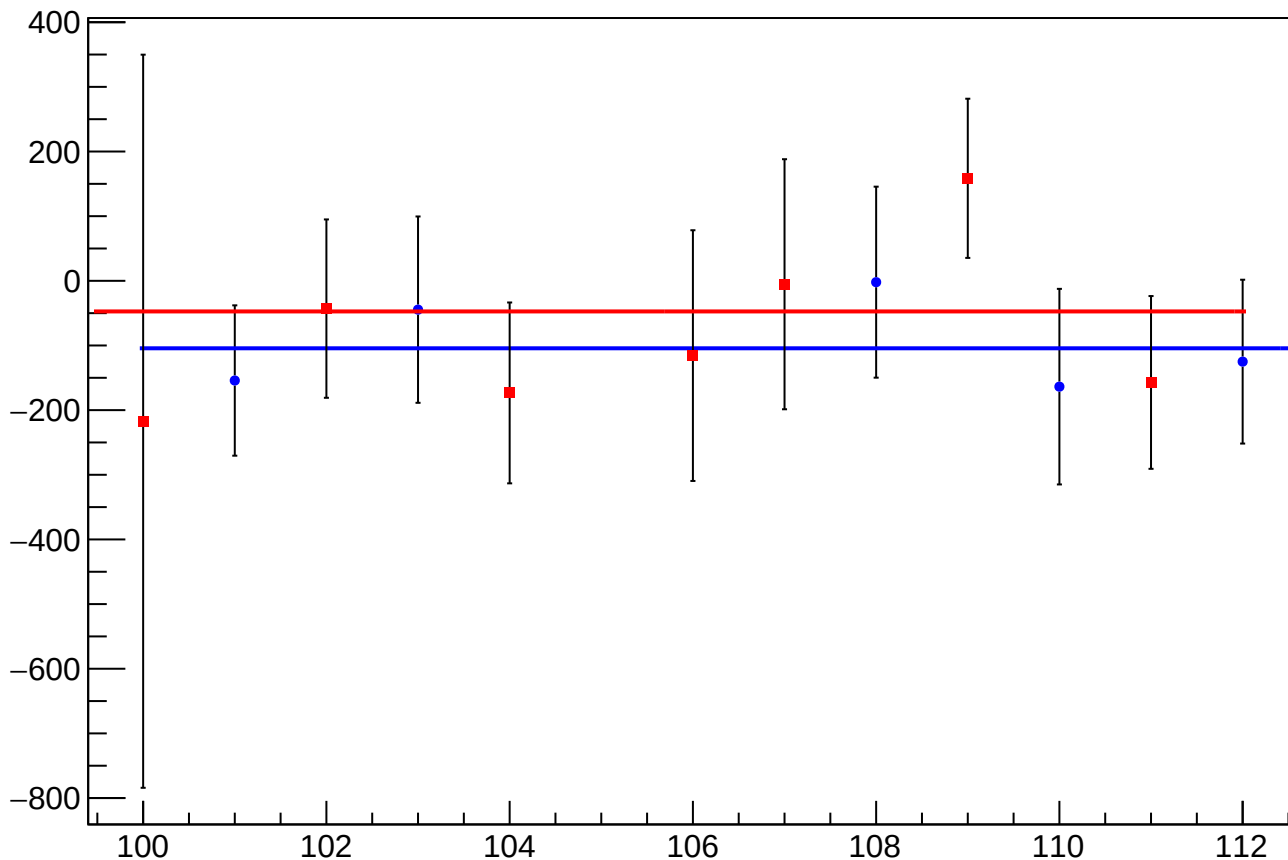
Right: 1089.327 $\pm$ 0.334 χ^2 /NDF: 19876.3/11

In: 1079.682 $\pm$ 0.481 χ^2 /NDF:8461.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1089.327 $\pm$ 0.334 χ^2 /NDF: 19876.3/11

cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -104.356+/-60.417 χ^2/NDF : 1.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -47.342+/-59.538 χ^2/NDF : 4.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

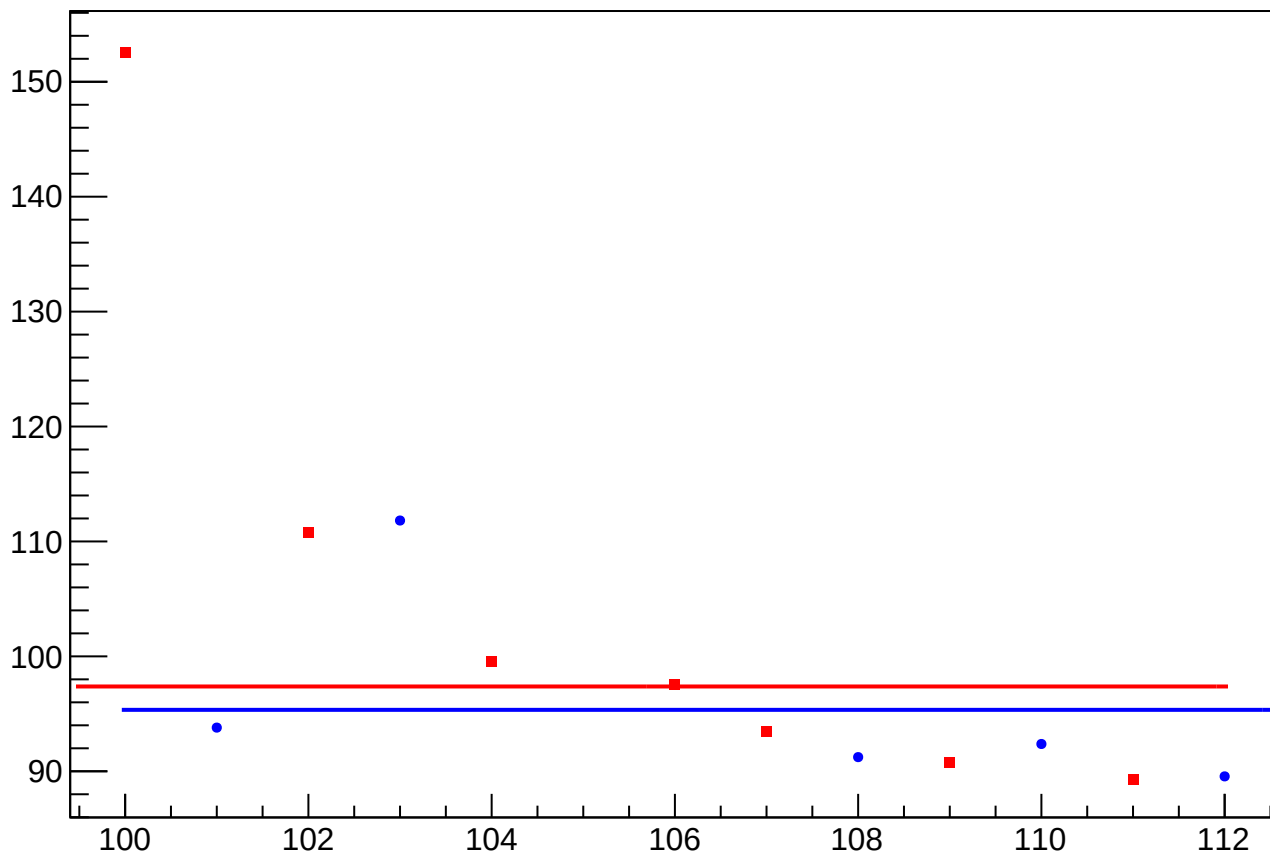
Right: -75.431+/-42.407 χ^2/NDF : 6.0/11

In: -104.356+/-60.417 χ^2/NDF : 1.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -75.431+/-42.407 χ^2/NDF : 6.0/11

cor_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 95.346+/-0.043 χ^2/NDF : 32992.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.379+/-0.042 χ^2/NDF : 52292.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

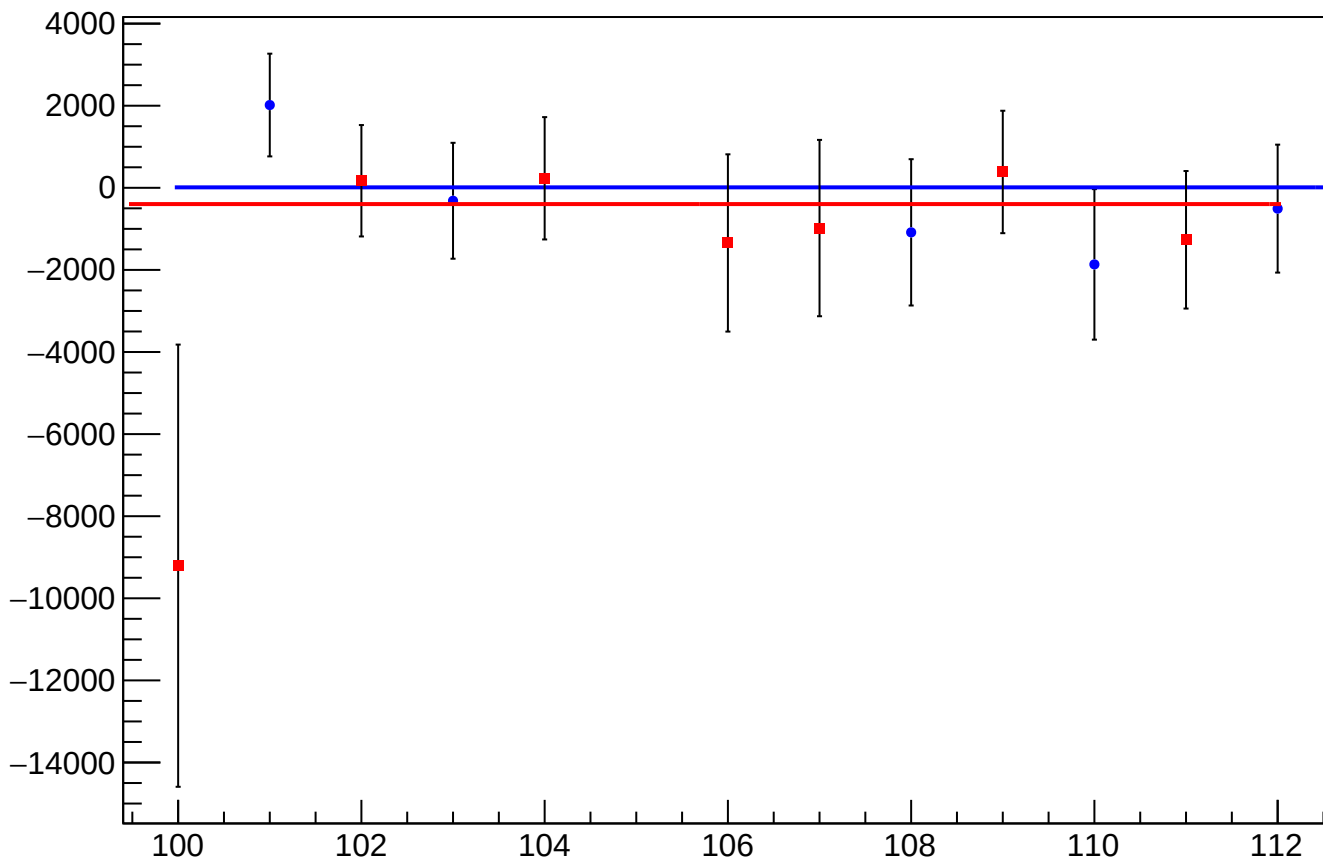
Right: 96.377+/-0.030 χ^2/NDF : 86433.9/11

In: 95.346+/-0.043 χ^2/NDF : 32992.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.377+/-0.030 χ^2/NDF : 86433.9/11

asym_sam_15_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 11.115+/-679.708 χ^2 /NDF: 4.2/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -396.335+/-664.465 χ^2 /NDF: 3.8/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

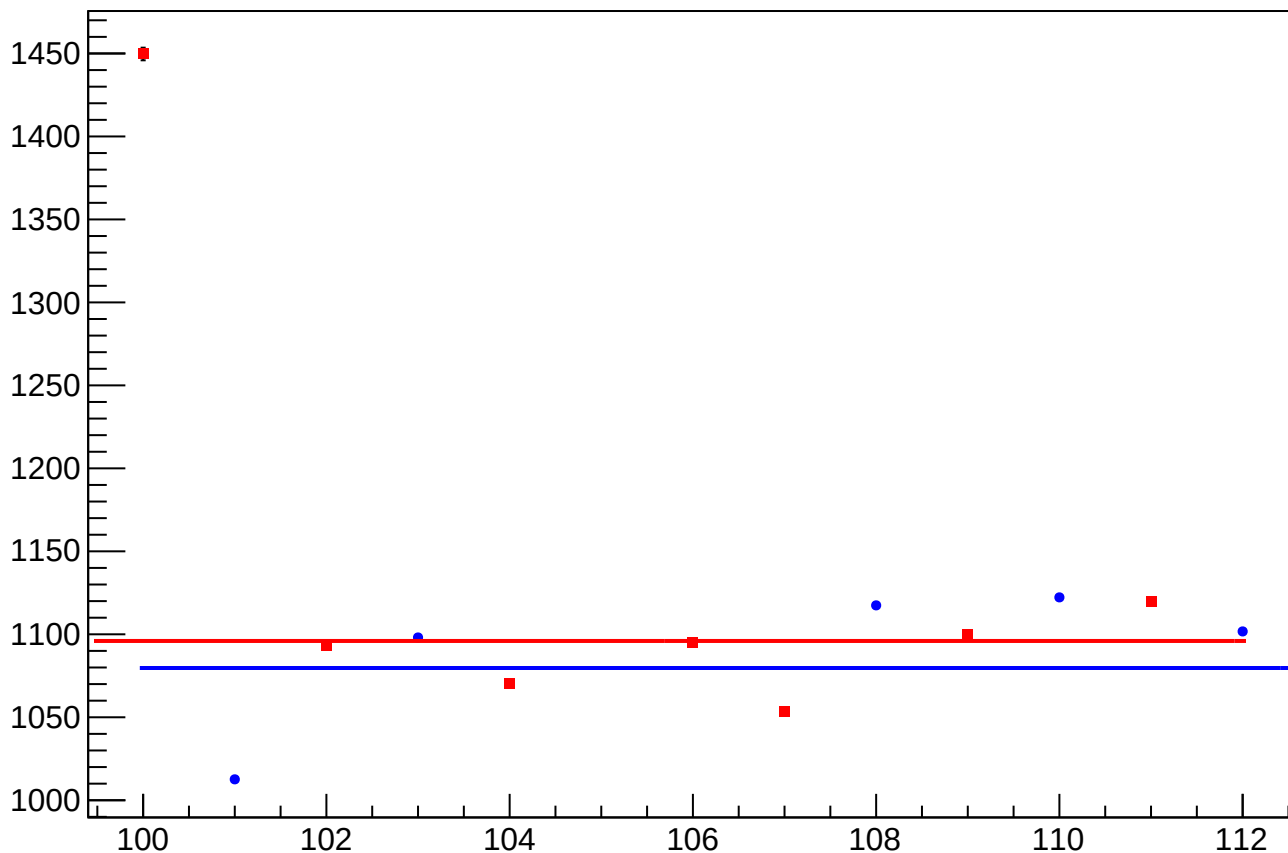
Right: -197.230+/-475.145 χ^2 /NDF: 8.2/11

In: 11.115+/-679.708 χ^2 /NDF:4.2/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -197.230+/-475.145 χ^2 /NDF: 8.2/11

asym_sam_15_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1079.694+/-0.481 χ^2/NDF : 8463.2/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1095.986+/-0.470 χ^2/NDF : 10412.2/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

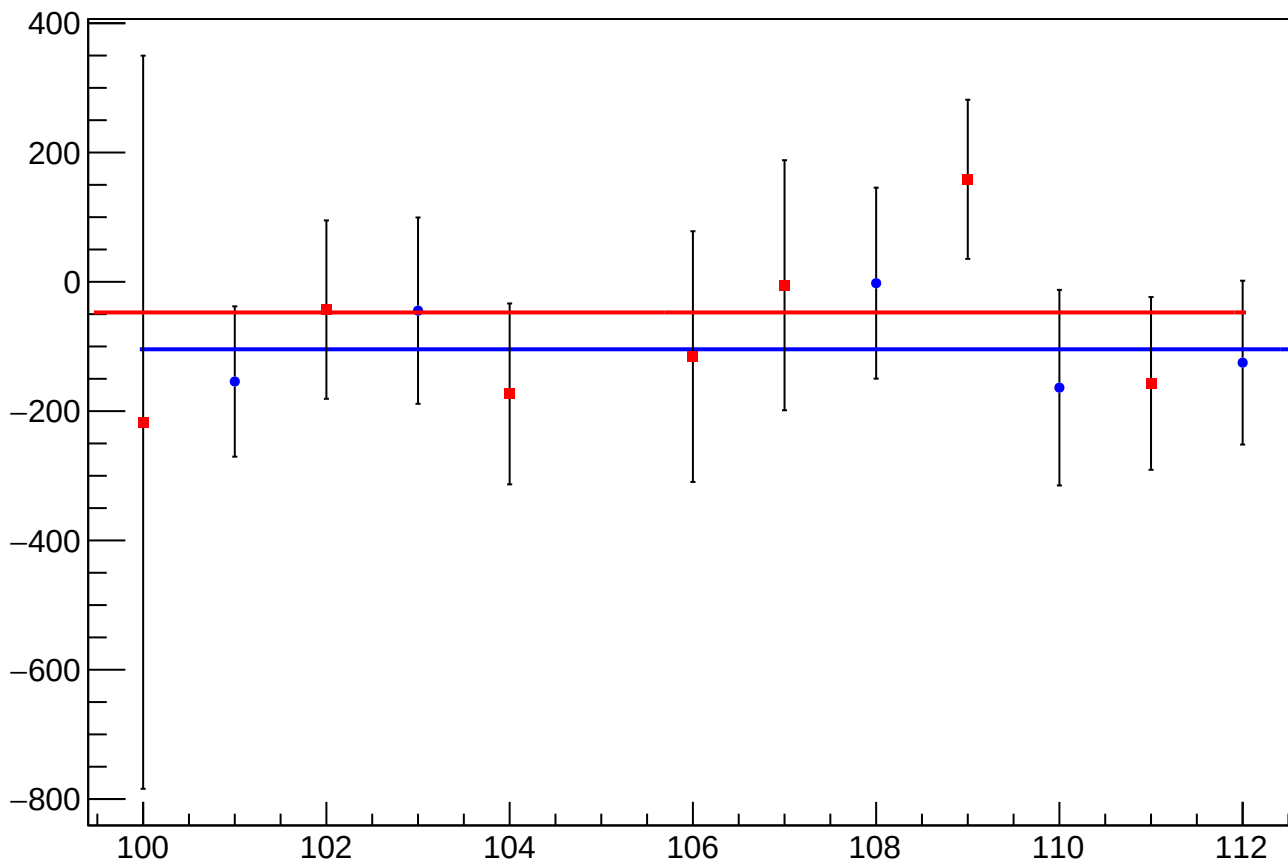
Right: 1088.025+/-0.336 χ^2/NDF : 19462.9/11

In: 1079.694+/-0.481 χ^2/NDF :8463.2/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1088.025+/-0.336 χ^2/NDF : 19462.9/11

eigen_cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -104.356+/-60.417 χ^2/NDF : 1.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -47.342+/-59.538 χ^2/NDF : 4.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

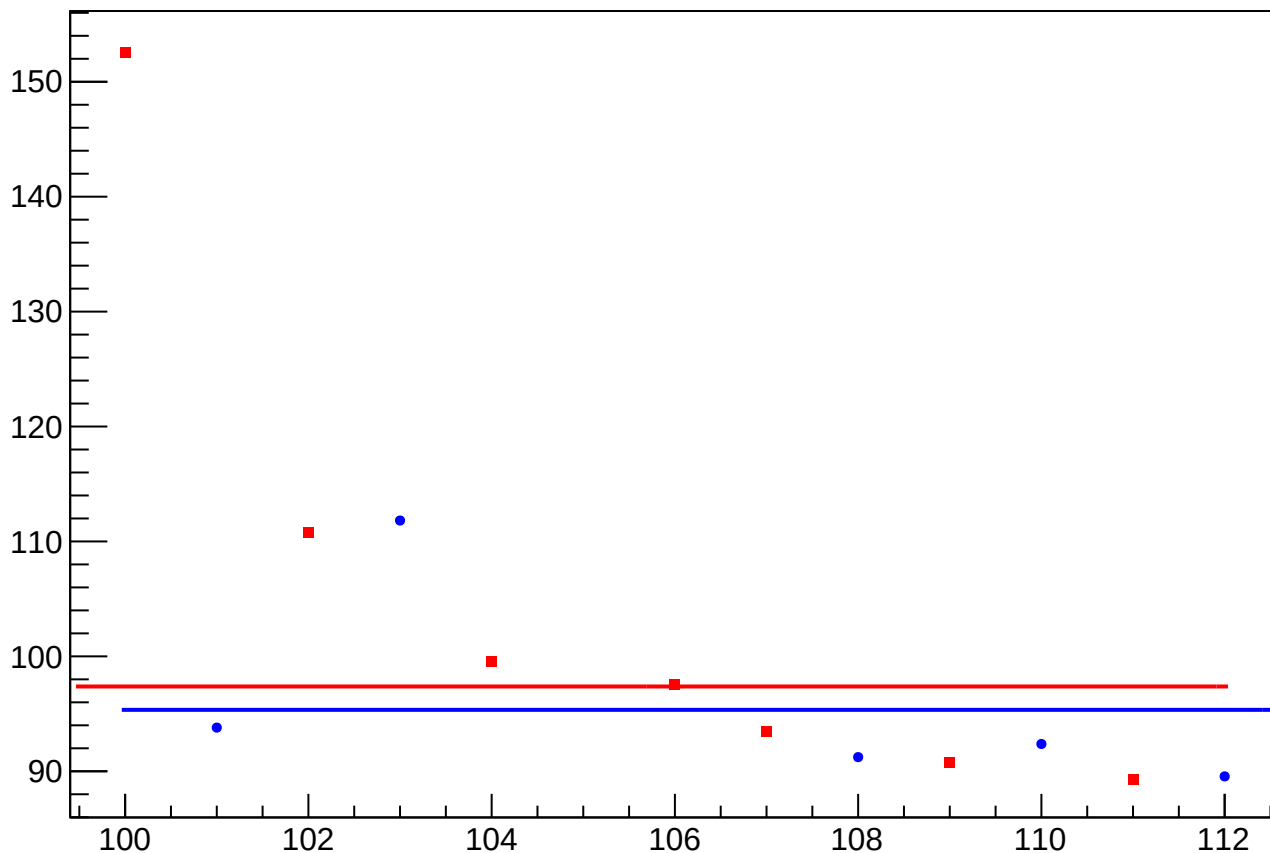
Right: -75.431+/-42.407 χ^2/NDF : 6.0/11

In: -104.356+/-60.417 χ^2/NDF : 1.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -75.431+/-42.407 χ^2/NDF : 6.0/11

eigen_cor_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 95.346+/-0.043 χ^2/NDF : 32992.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.379+/-0.042 χ^2/NDF : 52292.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

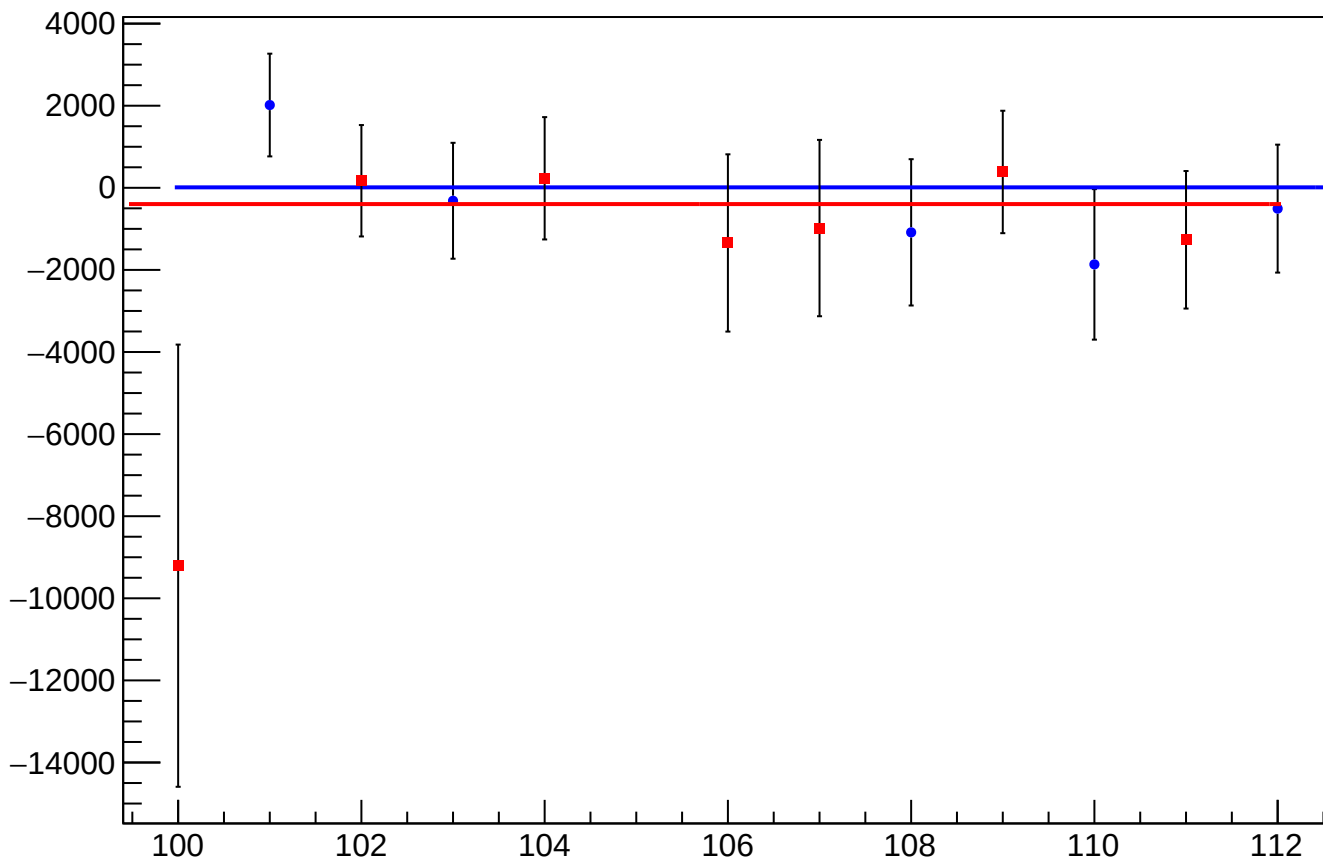
Right: 96.377+/-0.030 χ^2/NDF : 86433.9/11

In: 95.346+/-0.043 χ^2/NDF : 32992.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.377+/-0.030 χ^2/NDF : 86433.9/11

asym_sam_15_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 11.115+/-679.708 χ^2 /NDF: 4.2/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -396.335+/-664.465 χ^2 /NDF: 3.8/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

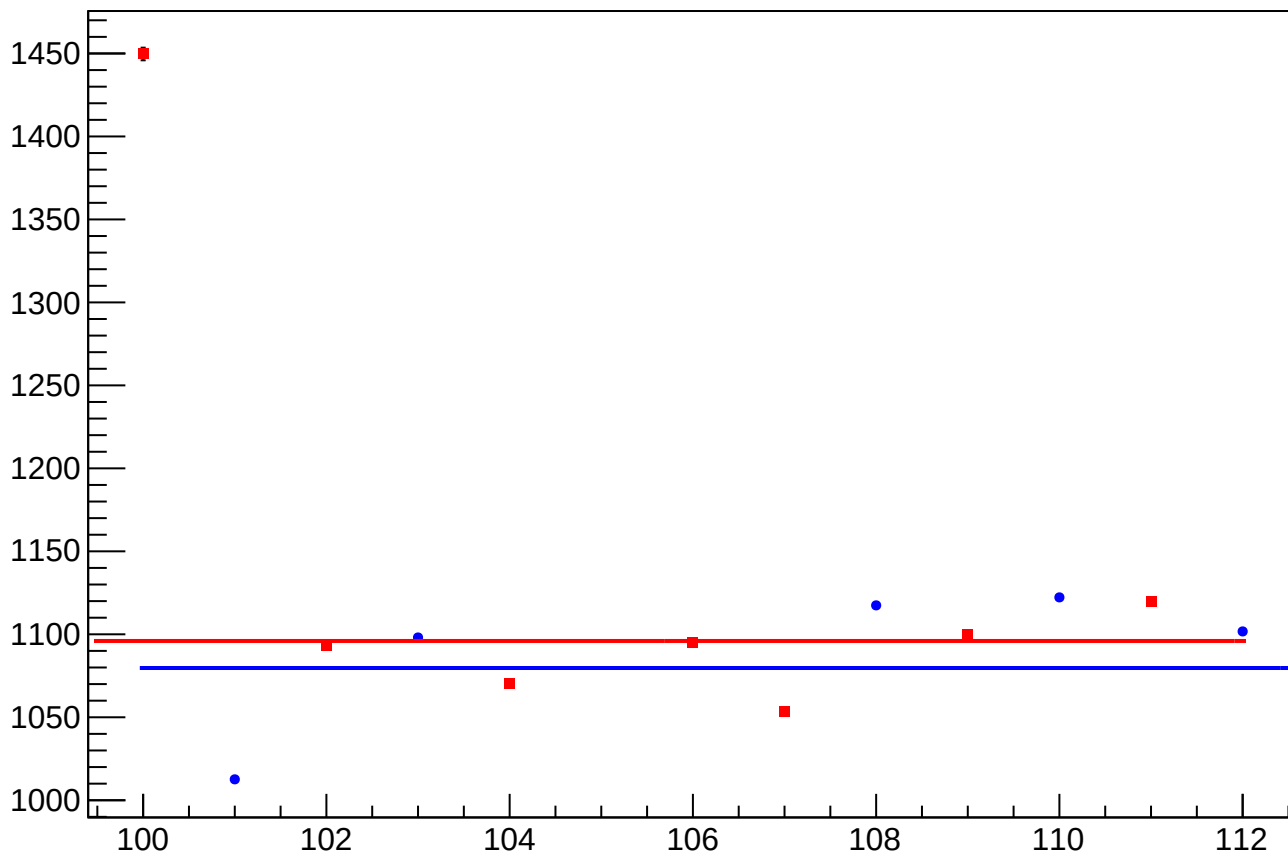
Right: -197.230+/-475.145 χ^2 /NDF: 8.2/11

In: 11.115+/-679.708 χ^2 /NDF:4.2/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -197.230+/-475.145 χ^2 /NDF: 8.2/11

asym_sam_15_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1079.694+/-0.481 χ^2/NDF : 8463.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1095.986+/-0.470 χ^2/NDF : 10412.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

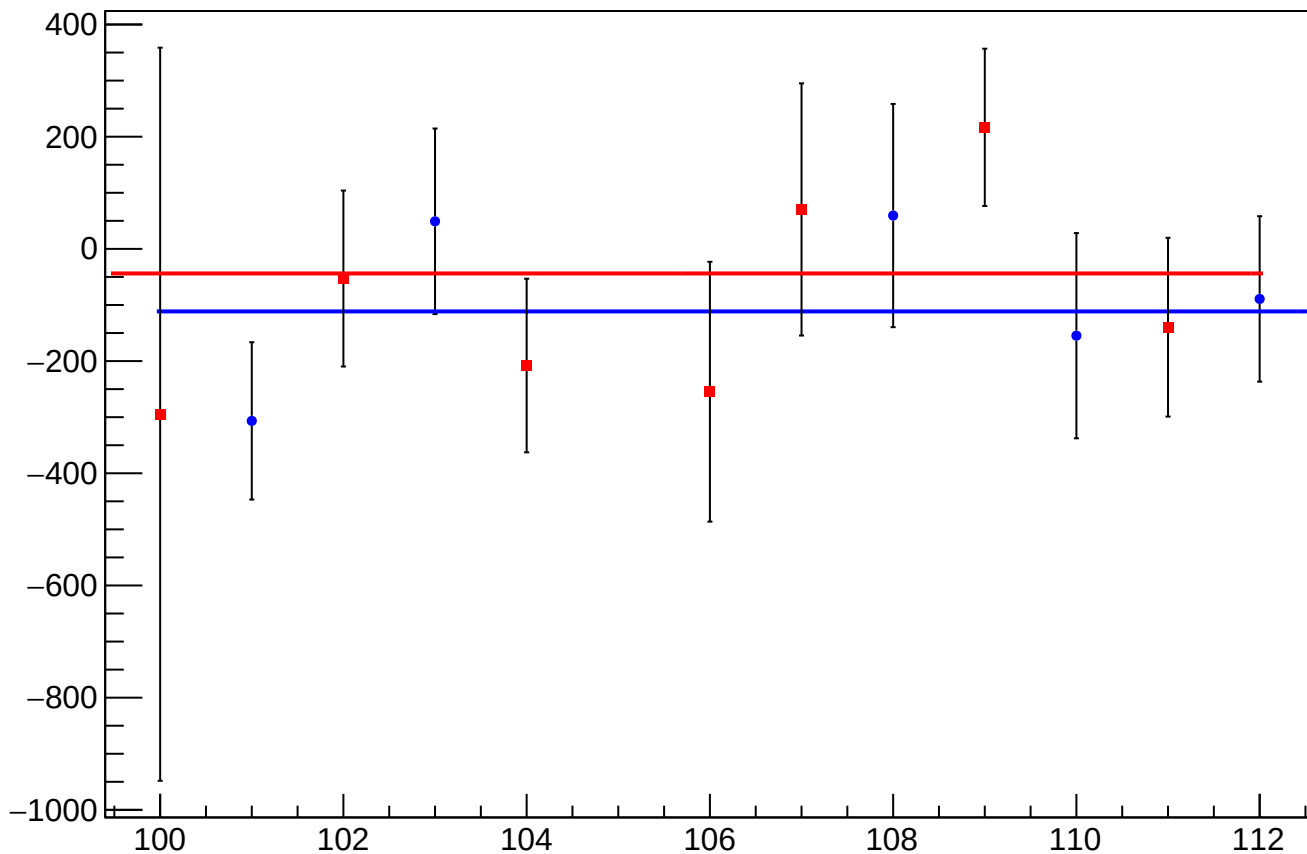
Right: 1088.025+/-0.336 χ^2/NDF : 19462.9/11

In: 1079.694+/-0.481 χ^2/NDF : 8463.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1088.025+/-0.336 χ^2/NDF : 19462.9/11

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -111.472 ± 72.833 χ^2/NDF : 3.7/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -43.779 ± 68.448 χ^2/NDF : 6.2/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

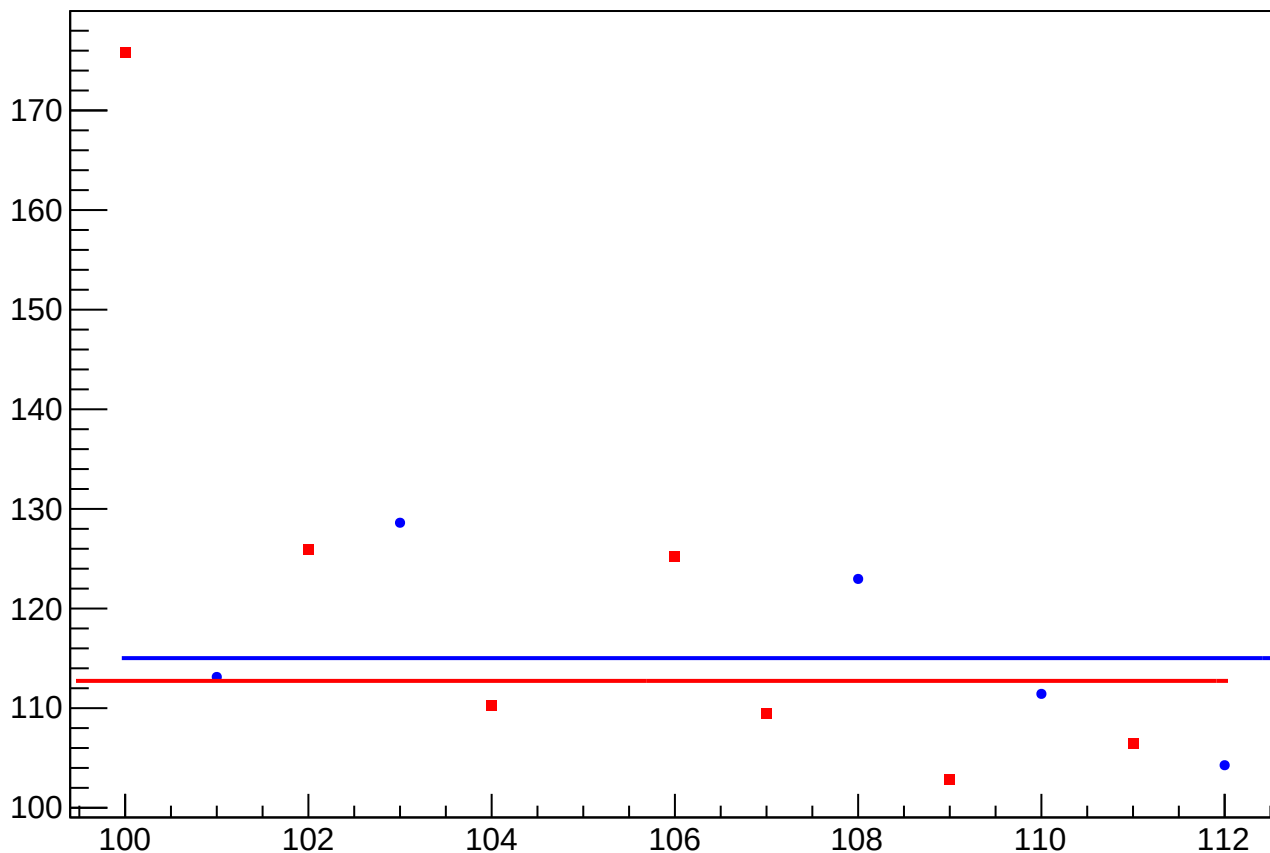
Right: -75.527 ± 49.878 χ^2/NDF : 10.3/11

In: -111.472 ± 72.833 χ^2/NDF : 3.7/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -75.527 ± 49.878 χ^2/NDF : 10.3/11

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 115.023+/-0.052 χ^2/NDF : 28455.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.738+/-0.048 χ^2/NDF : 52697.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

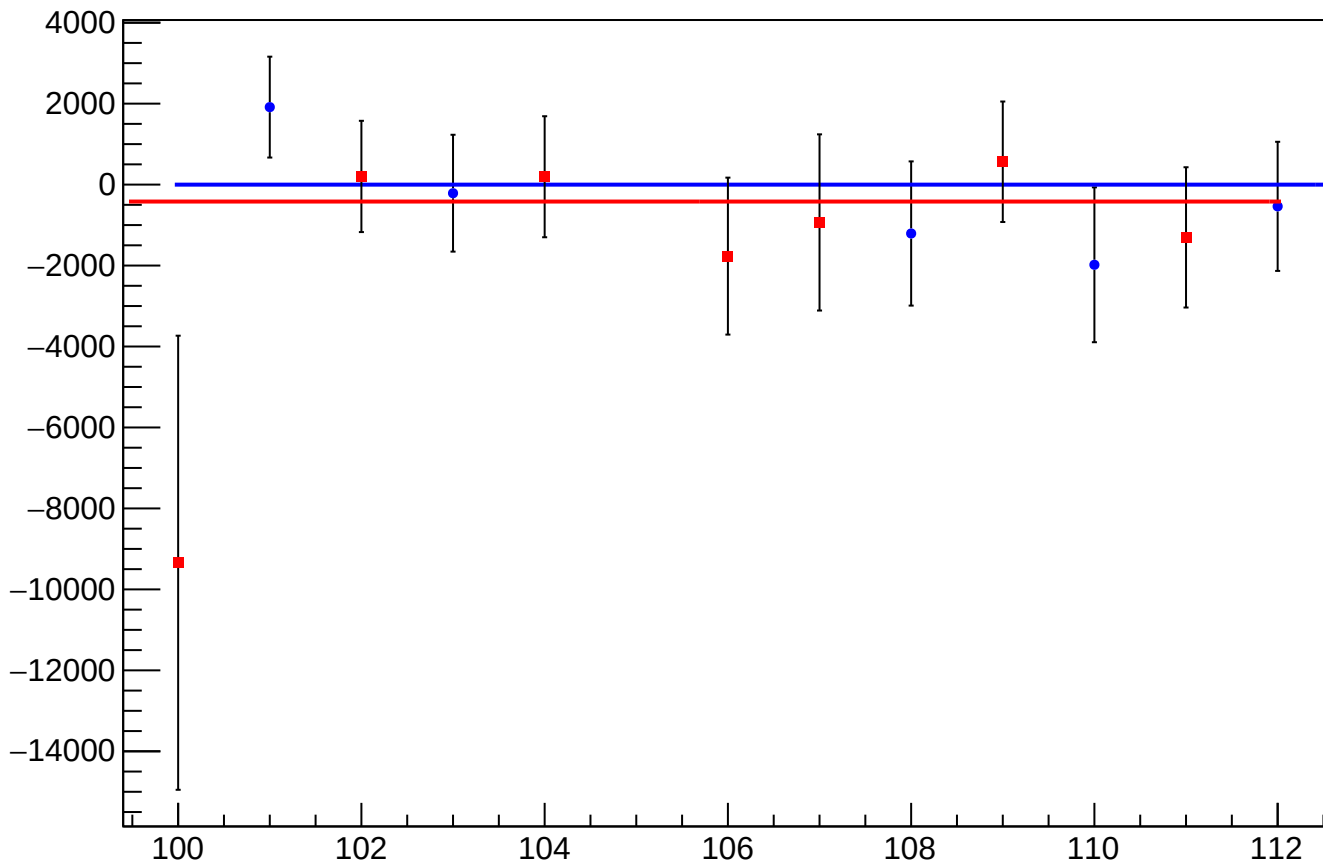
Right: 113.809+/-0.035 χ^2/NDF : 82197.9/11

In: 115.023+/-0.052 χ^2/NDF : 28455.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.809+/-0.035 χ^2/NDF : 82197.9/11

asym_sam_15_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -1.173+/-689.153 χ^2 /NDF: 4.0/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -418.732+/-663.655 χ^2 /NDF: 4.1/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

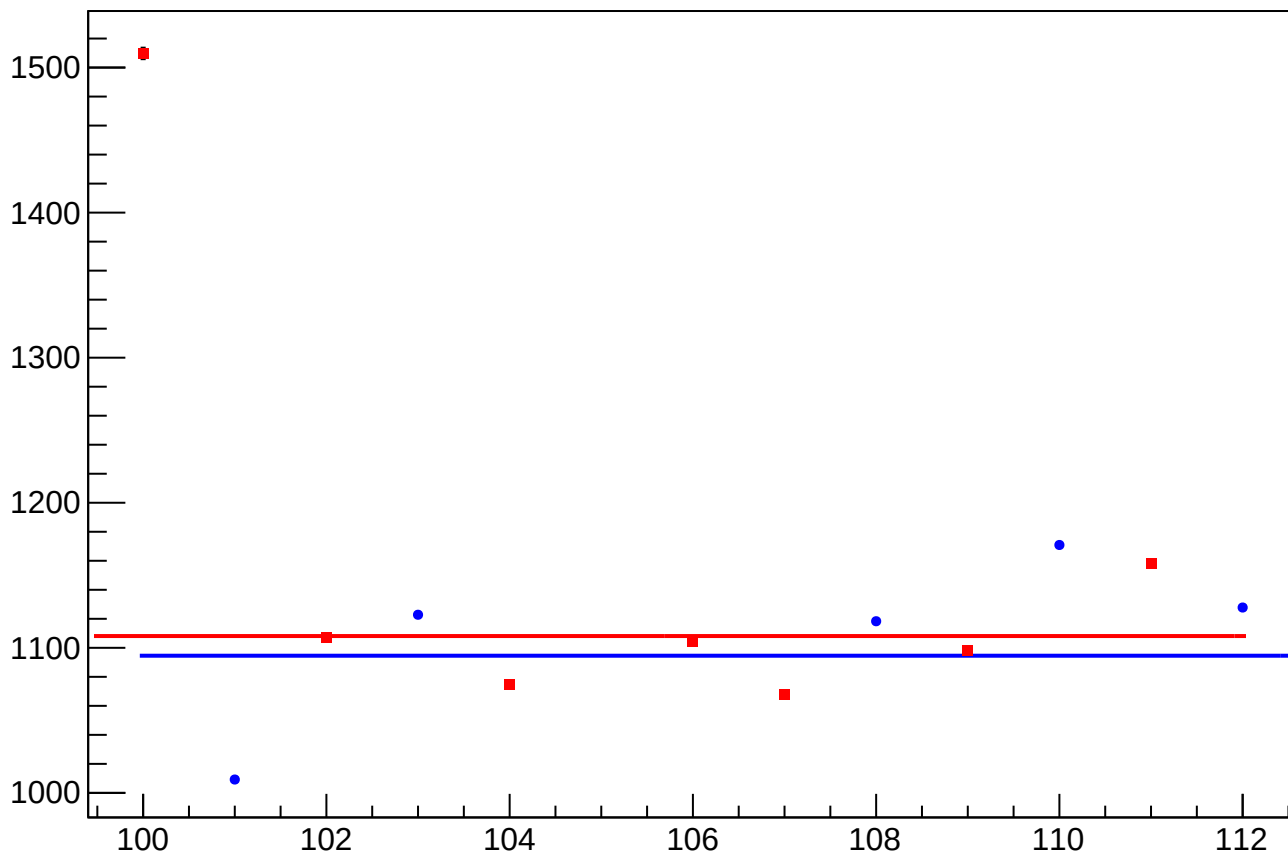
Right: -217.820+/-478.035 χ^2 /NDF: 8.4/11

In: -1.173+/-689.153 χ^2 /NDF:4.0/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -217.820+/-478.035 χ^2 /NDF: 8.4/11

asym_sam_15_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1094.555+/-0.487 χ^2/NDF : 14556.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1108.114+/-0.469 χ^2/NDF : 13708.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

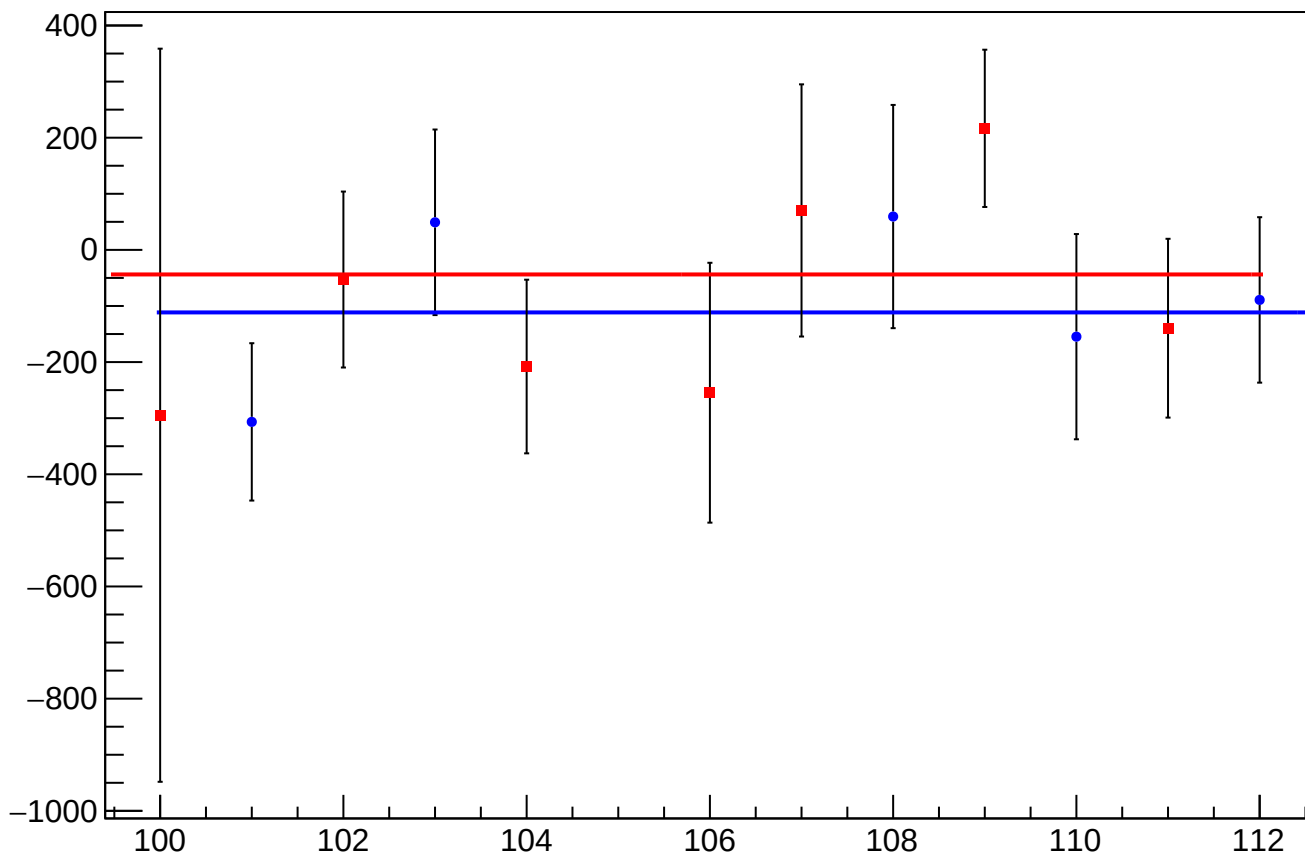
Right: 1101.590+/-0.338 χ^2/NDF : 28666.3/11

In: 1094.555+/-0.487 χ^2/NDF : 14556.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1101.590+/-0.338 χ^2/NDF : 28666.3/11

eigen_dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -111.468 ± 72.833 χ^2/NDF : 3.7/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -43.780 ± 68.448 χ^2/NDF : 6.2/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

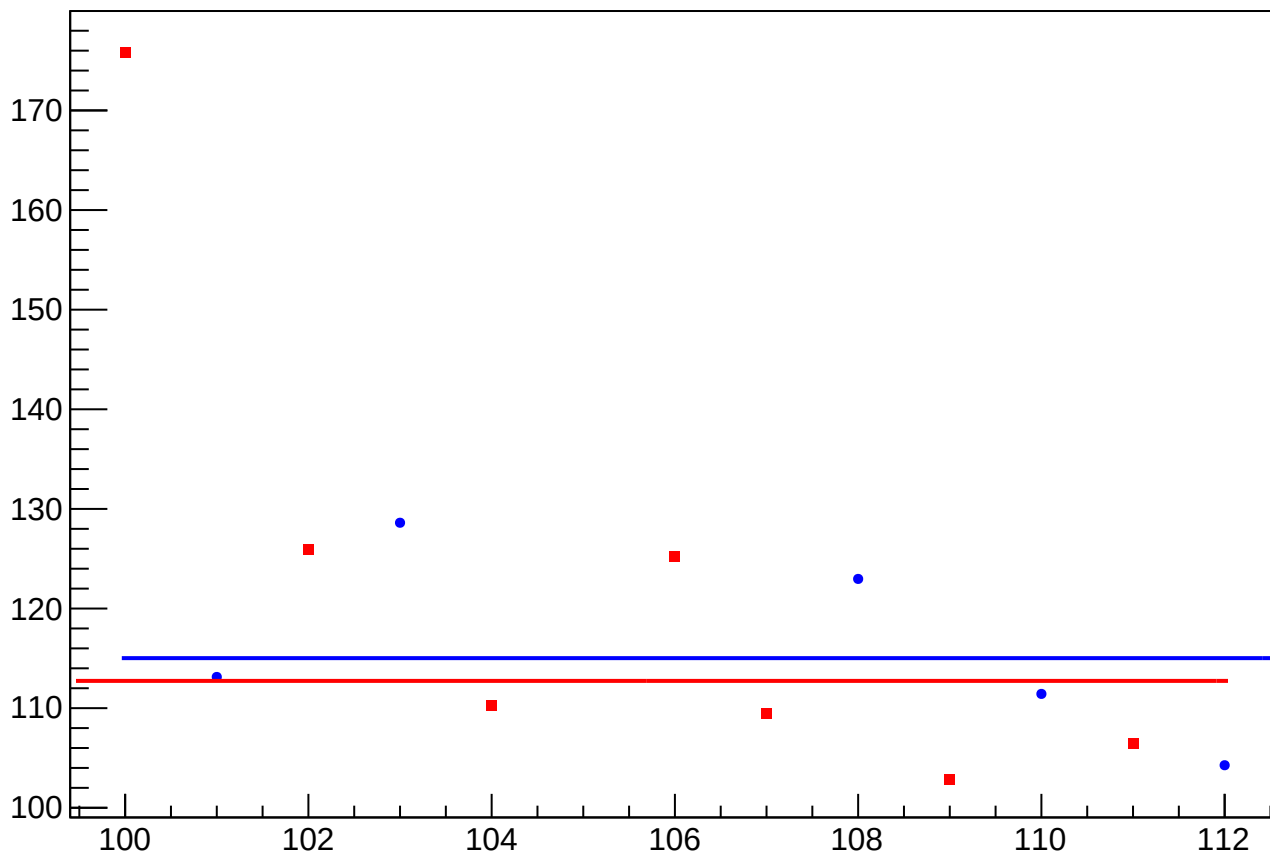
Right: -75.525 ± 49.878 χ^2/NDF : 10.3/11

In: -111.468 ± 72.833 χ^2/NDF : 3.7/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -75.525 ± 49.878 χ^2/NDF : 10.3/11

eigen_dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 115.021+/-0.052 χ^2/NDF : 28459.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.737+/-0.048 χ^2/NDF : 52699.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

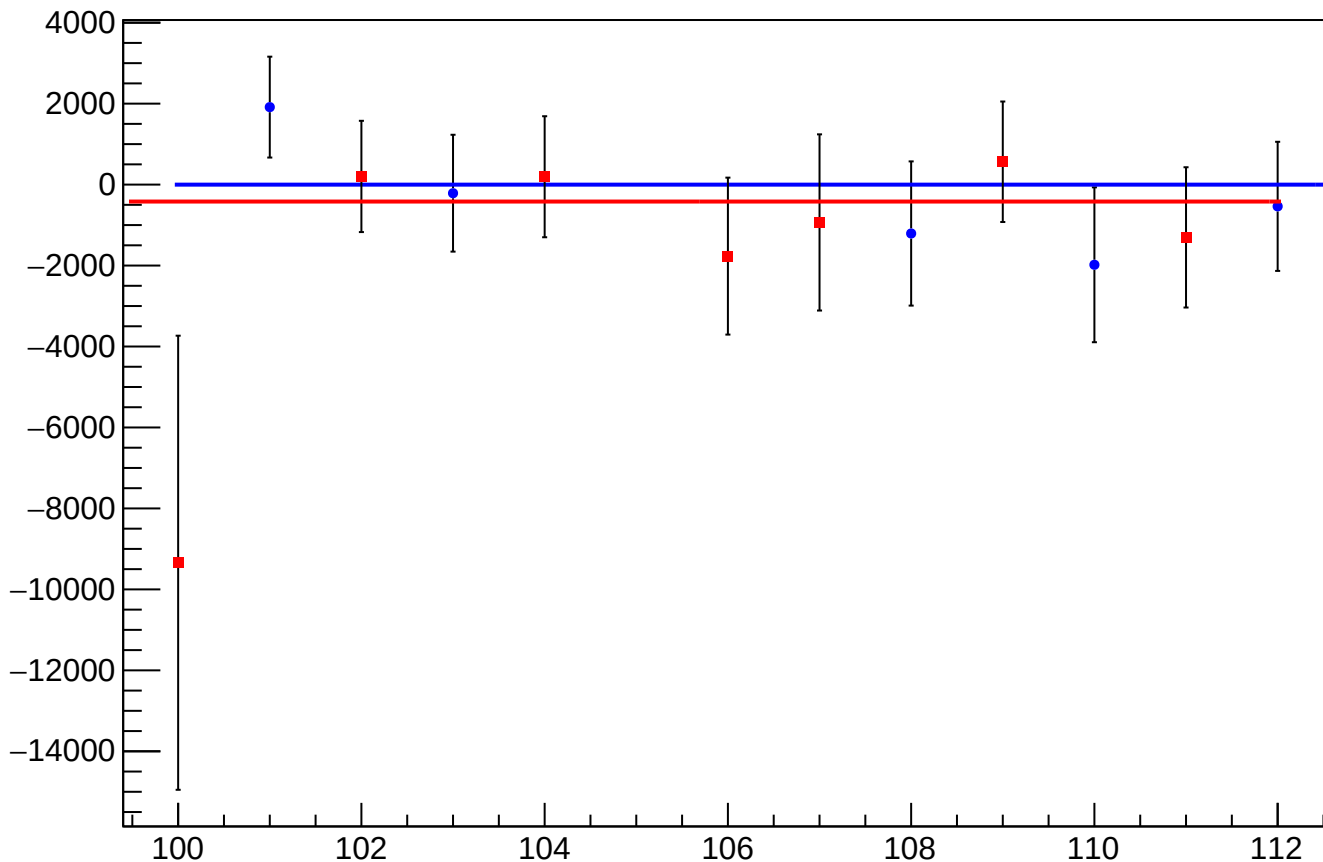
Right: 113.808+/-0.035 χ^2/NDF : 82203.5/11

In: 115.021+/-0.052 χ^2/NDF : 28459.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.808+/-0.035 χ^2/NDF : 82203.5/11

asym_sam_15_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1.173+/-689.151 χ^2/NDF : 4.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -418.731+/-663.653 χ^2/NDF : 4.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

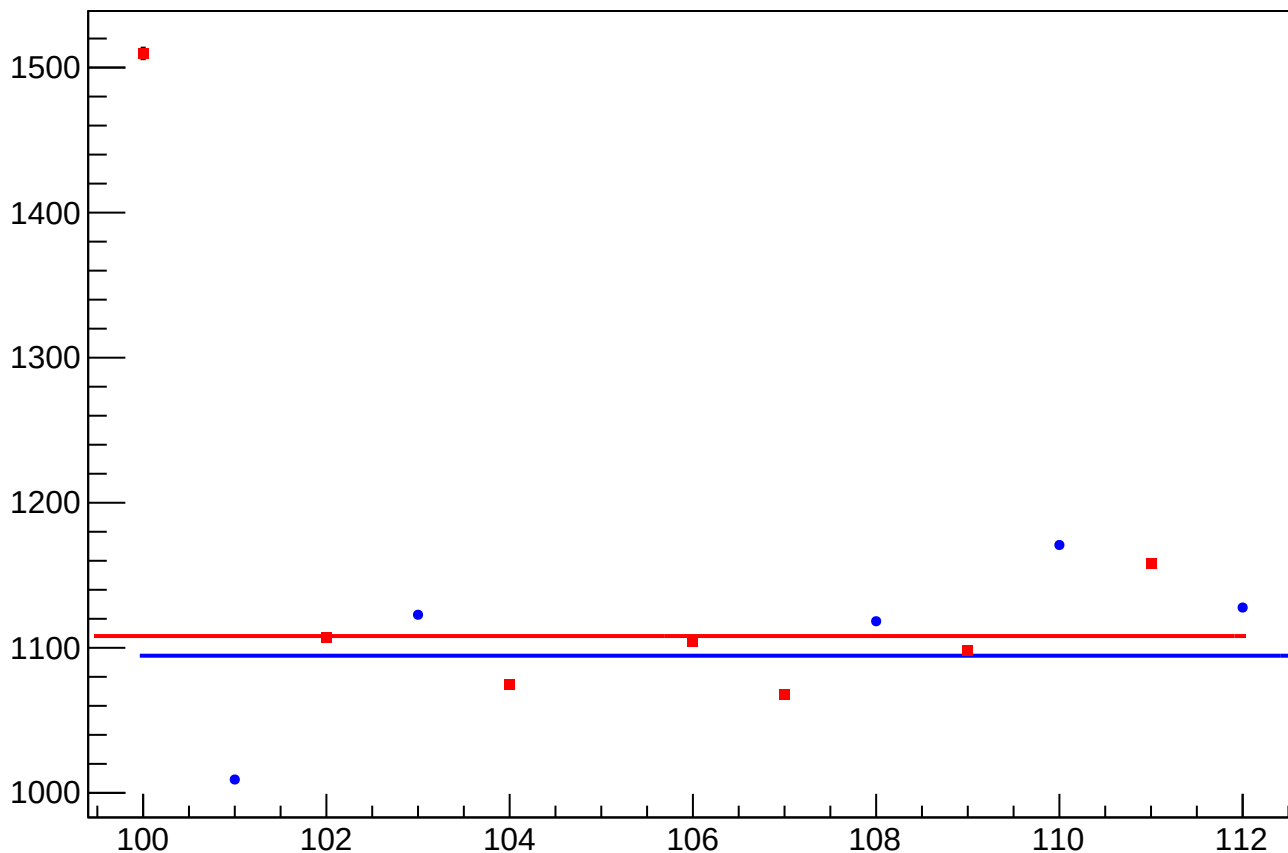
Right: -217.820+/-478.034 χ^2/NDF : 8.4/11

In: -1.173+/-689.151 χ^2/NDF : 4.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -217.820+/-478.034 χ^2/NDF : 8.4/11

asym_sam_15_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1094.552+/-0.487 χ^2/NDF : 14554.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1108.111+/-0.469 χ^2/NDF : 13708.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

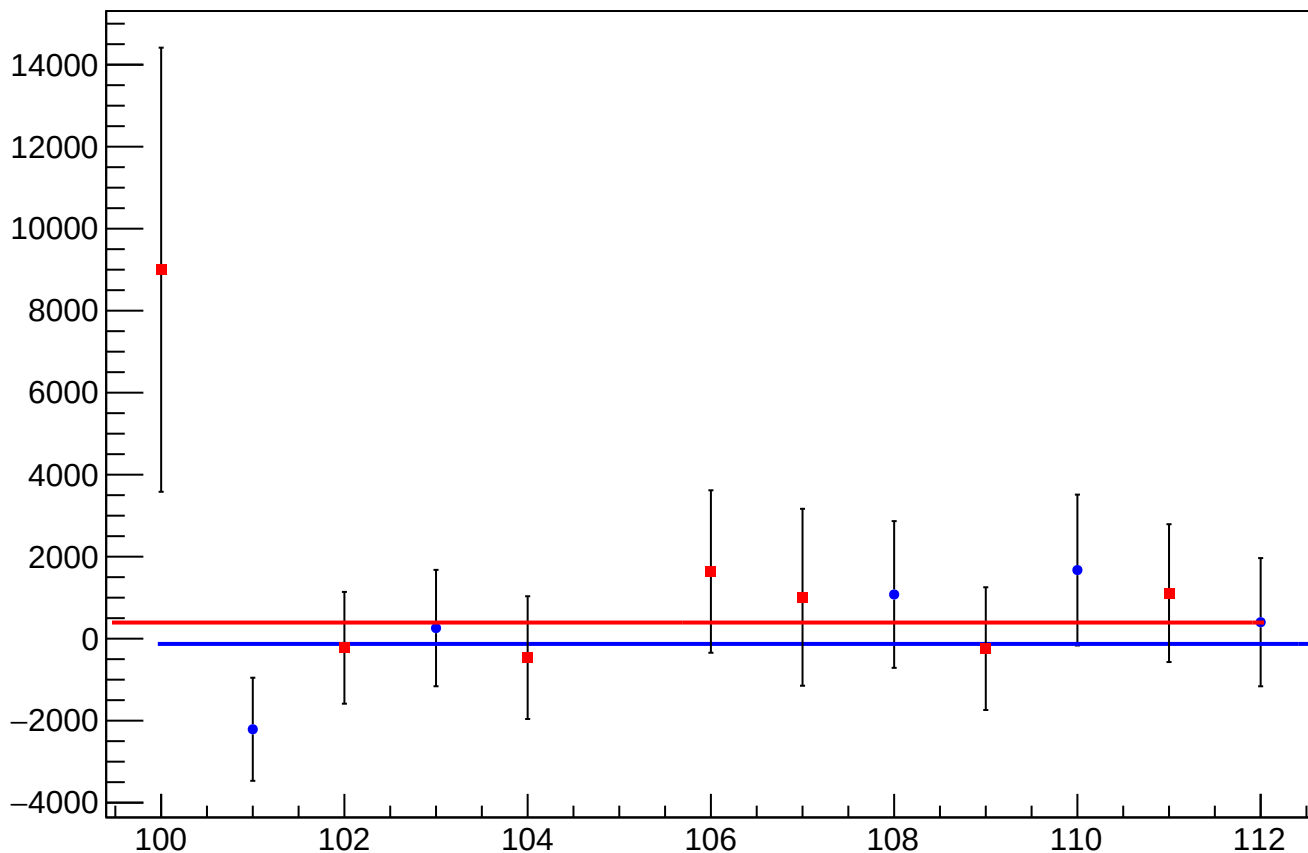
Right: 1101.587+/-0.338 χ^2/NDF : 28664.9/11

In: 1094.552+/-0.487 χ^2/NDF : 14554.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1101.587+/-0.338 χ^2/NDF : 28664.9/11

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -128.010+/-682.607 χ^2/NDF : 4.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 393.170+/-661.074 χ^2/NDF : 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

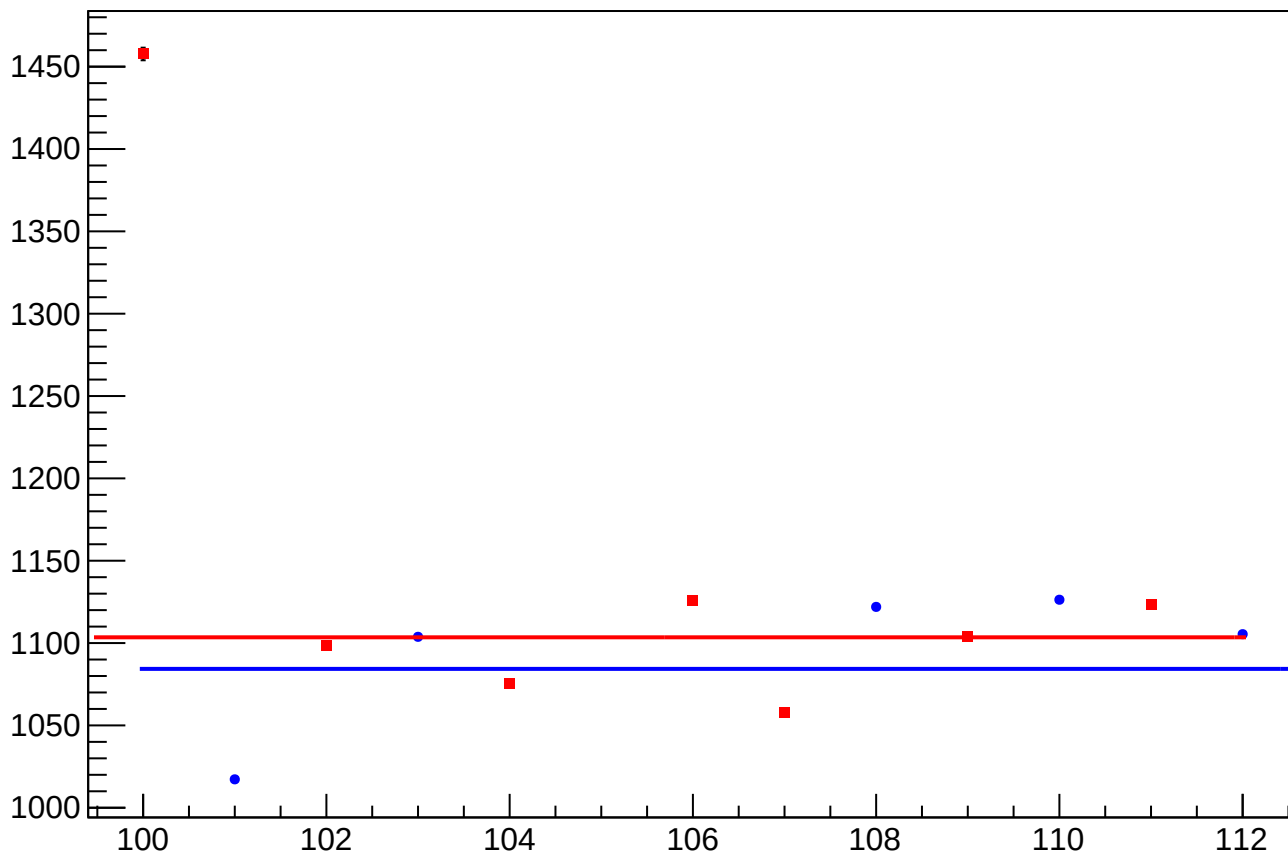
Right: 140.930+/-474.880 χ^2/NDF : 8.5/11

In: -128.010+/-682.607 χ^2/NDF : 4.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.930+/-474.880 χ^2/NDF : 8.5/11

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 1084.322+/-0.483 χ^2/NDF : 8360.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1103.490+/-0.467 χ^2/NDF : 10698.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

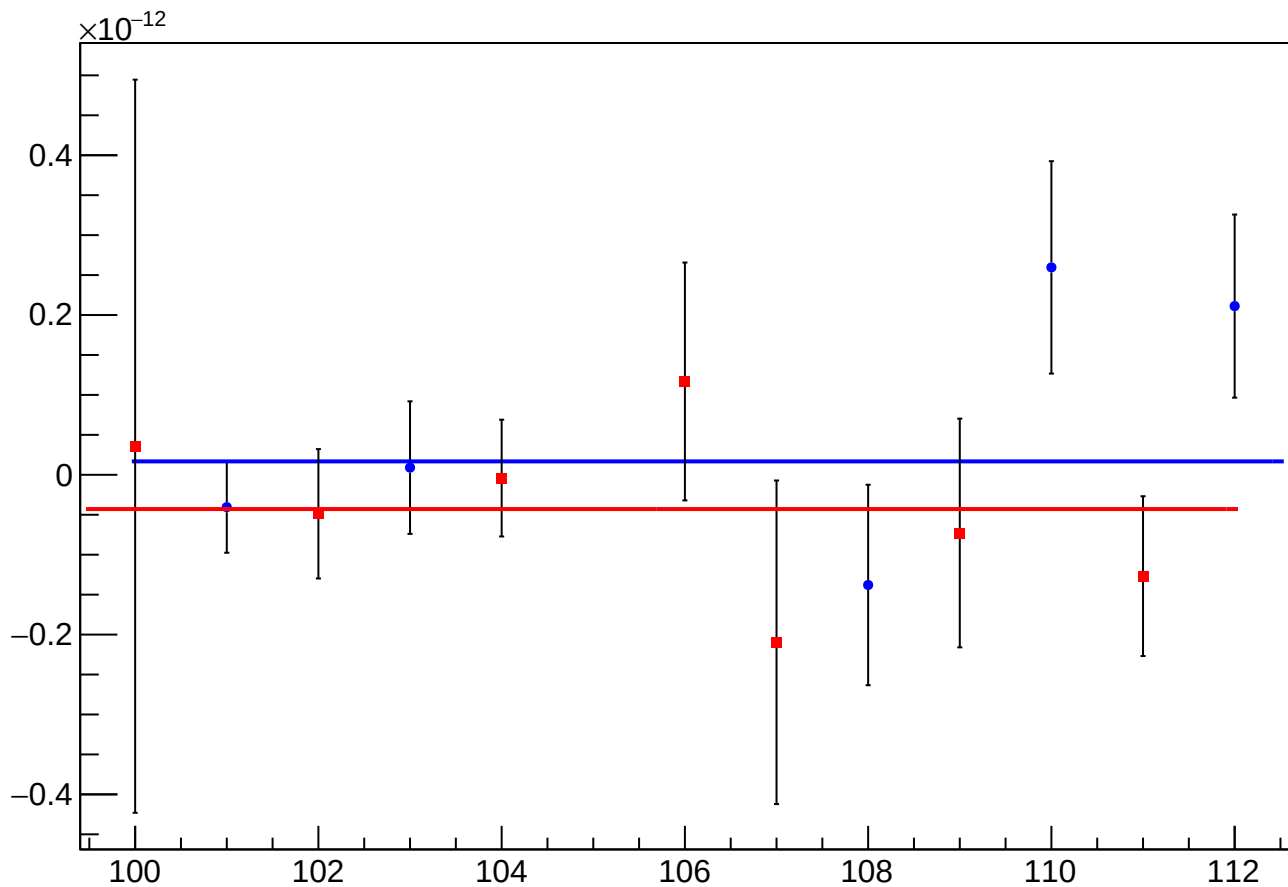
Right: 1094.213+/-0.336 χ^2/NDF : 19873.2/11

In: 1084.322+/-0.483 χ^2/NDF : 8360.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1094.213+/-0.336 χ^2/NDF : 19873.2/11

asym_sam_15_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

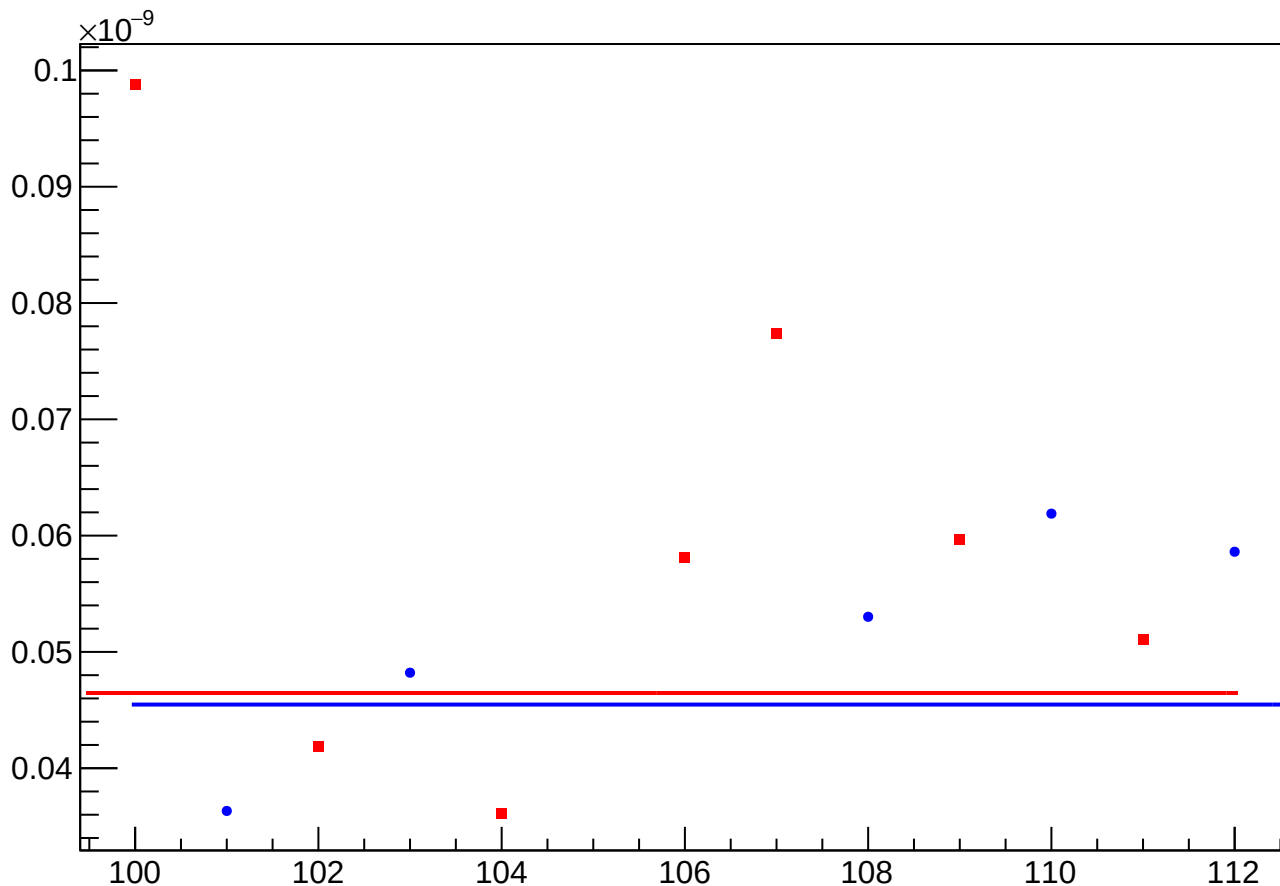
Right: -0.000+/-0.000 χ^2/NDF : 12.7/11

In: 0.000+/-0.000 χ^2/NDF : 8.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.7/11

asym_sam_15_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 117552.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 152776.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

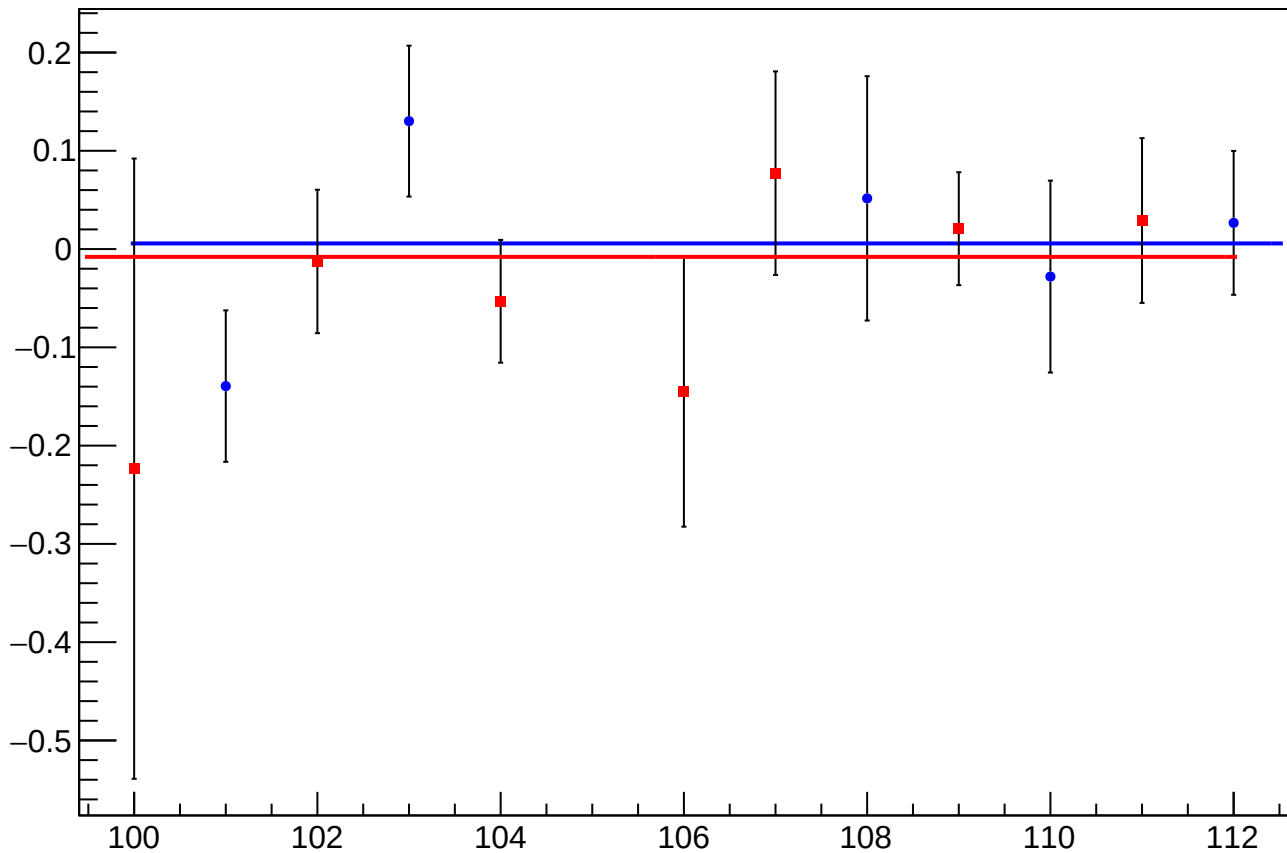
Right: 0.000+/-0.000 χ^2/NDF : 270922.8/11

In: 0.000+/-0.000 χ^2/NDF : 117552.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 270922.8/11

asym_sam_15_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006 $\pm$ 0.038 χ^2 /NDF: 6.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.008 $\pm$ 0.031 χ^2 /NDF: 3.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

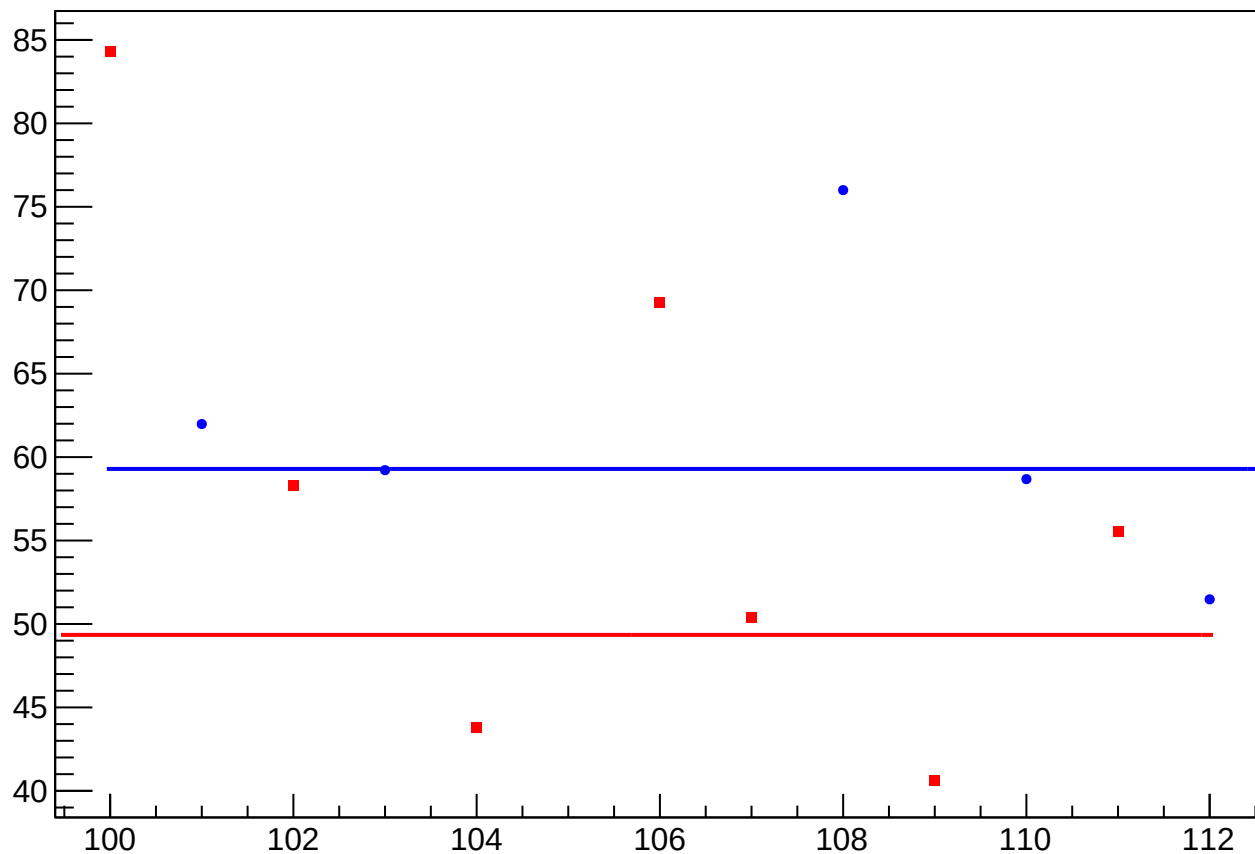
Right: -0.002 $\pm$ 0.024 χ^2 /NDF: 9.7/11

In: 0.006 $\pm$ 0.038 χ^2 /NDF:6.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.002 $\pm$ 0.024 χ^2 /NDF: 9.7/11

asym_sam_15_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.292 $\pm$ 0.027 χ^2 /NDF: 61448.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 49.346 $\pm$ 0.022 χ^2 /NDF: 169651.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

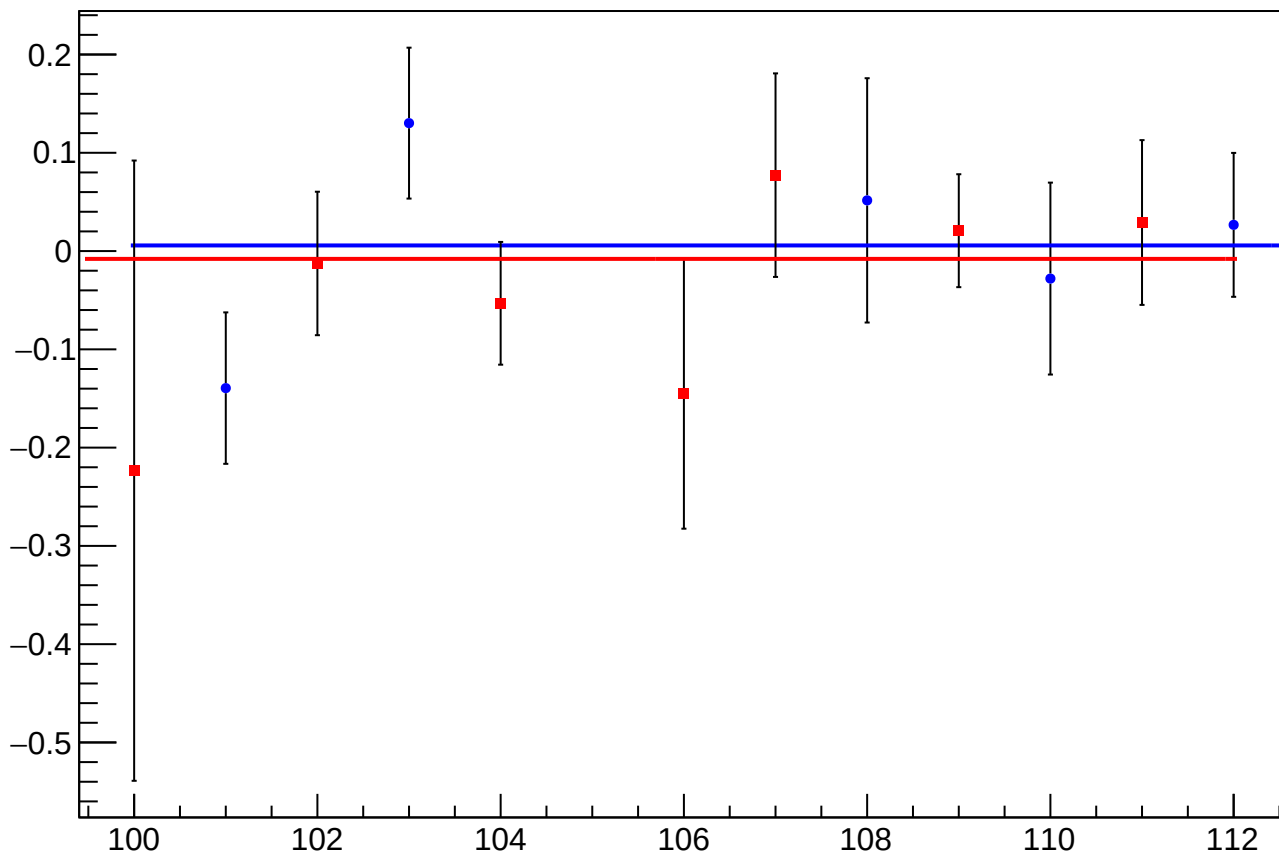
Right: 53.315 $\pm$ 0.017 χ^2 /NDF: 313639.8/11

In: 59.292 $\pm$ 0.027 χ^2 /NDF:61448.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 53.315 $\pm$ 0.017 χ^2 /NDF: 313639.8/11

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006 $\pm$ 0.038 χ^2 /NDF: 6.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.008 $\pm$ 0.031 χ^2 /NDF: 3.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

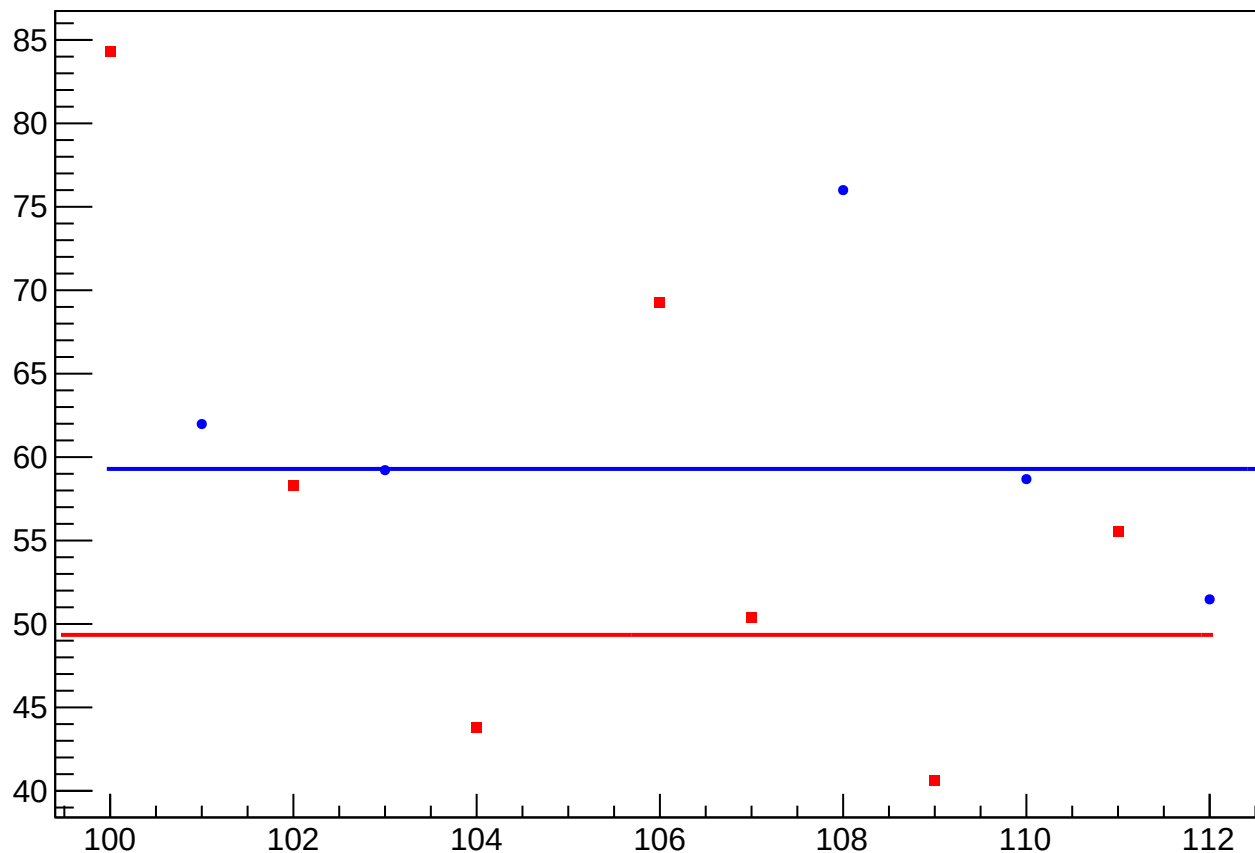
Right: -0.002 $\pm$ 0.024 χ^2 /NDF: 9.7/11

In: 0.006 $\pm$ 0.038 χ^2 /NDF:6.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.002 $\pm$ 0.024 χ^2 /NDF: 9.7/11

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.292+/-0.027 χ^2 /NDF: 61448.7/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 49.346+/-0.022 χ^2 /NDF: 169651.6/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

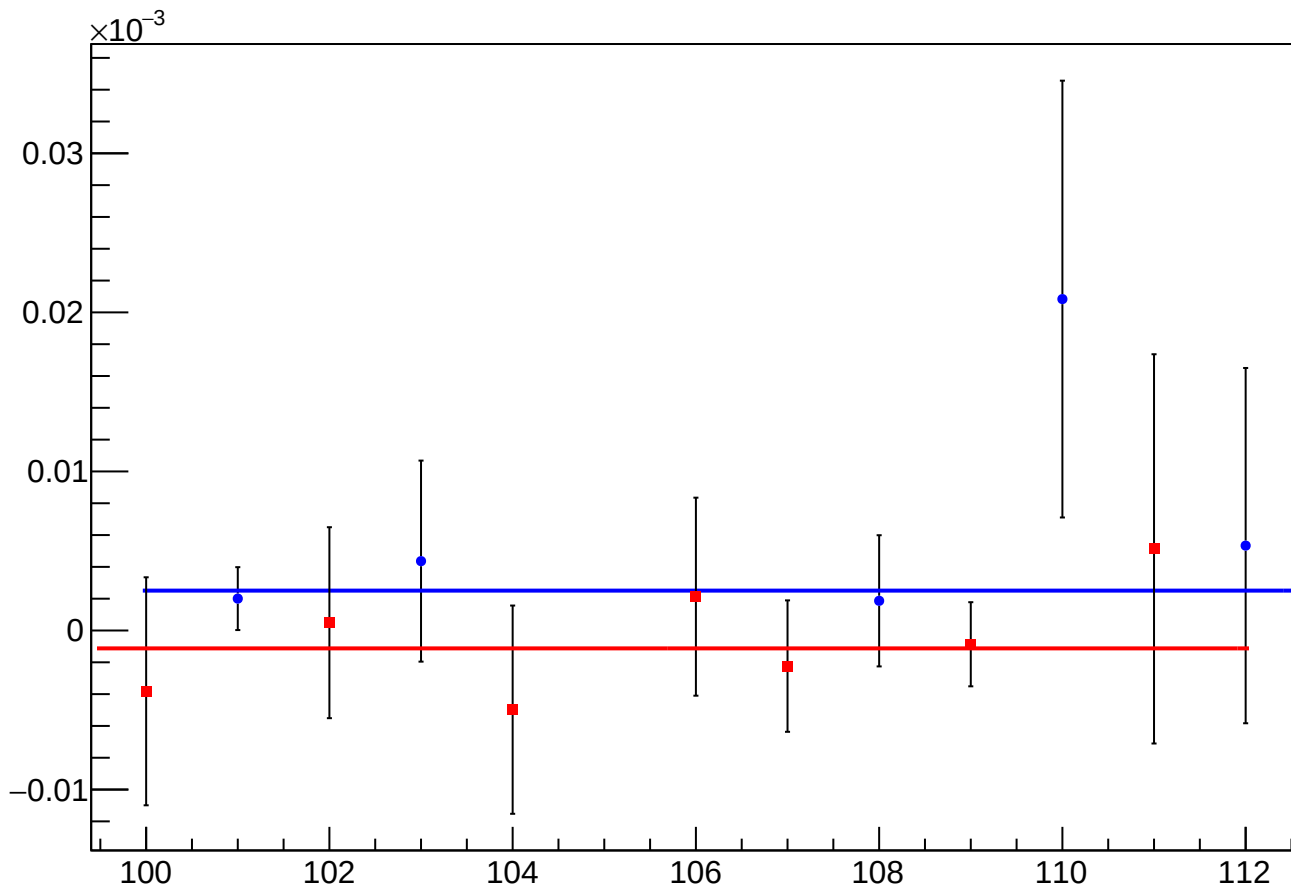
Right: 53.315+/-0.017 χ^2 /NDF: 313639.8/11

In: 59.292+/-0.027 χ^2 /NDF:61448.7/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 53.315+/-0.017 χ^2 /NDF: 313639.8/11

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

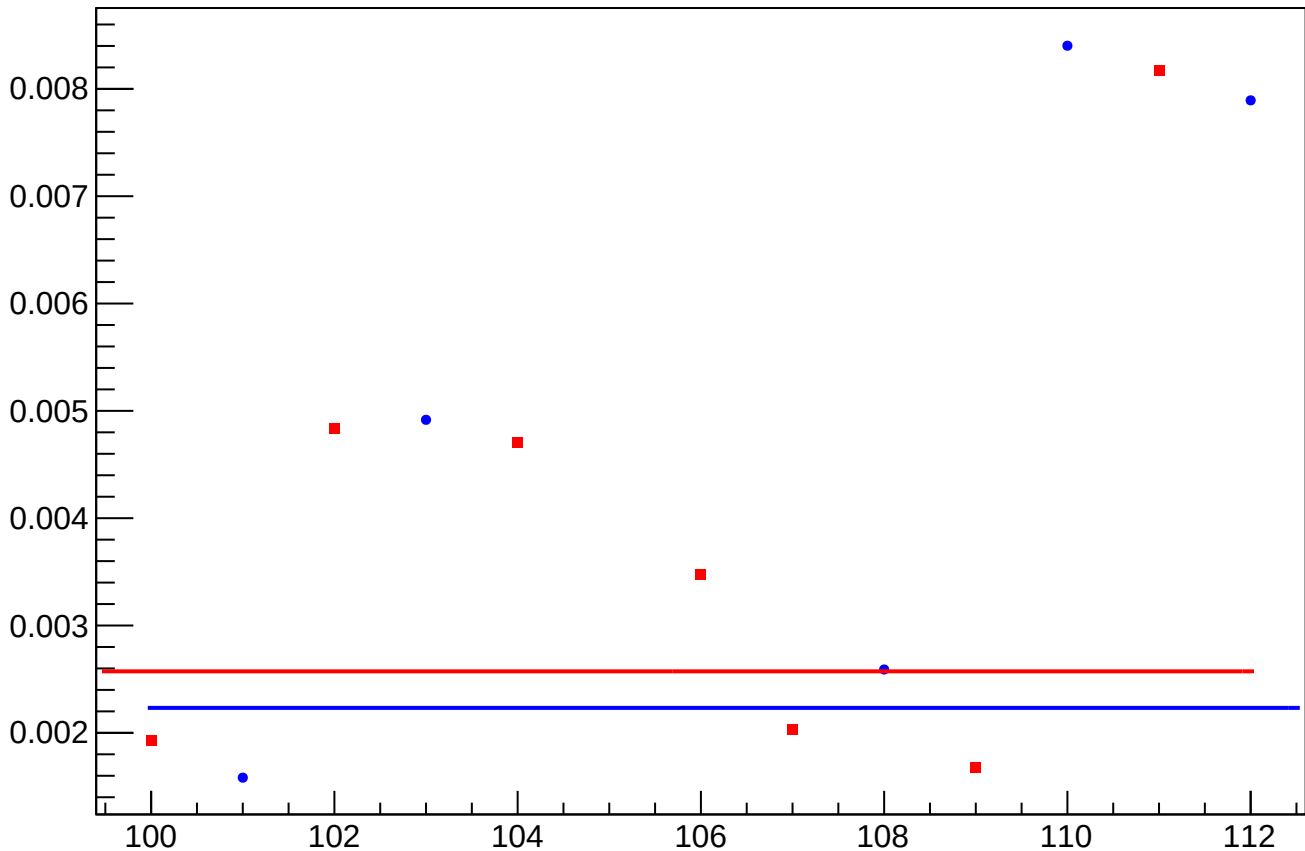
Right: 0.000+/-0.000 χ^2/NDF : 5.4/11

In: 0.000+/-0.000 χ^2/NDF : 2.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5.4/11

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1509538.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1238263.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

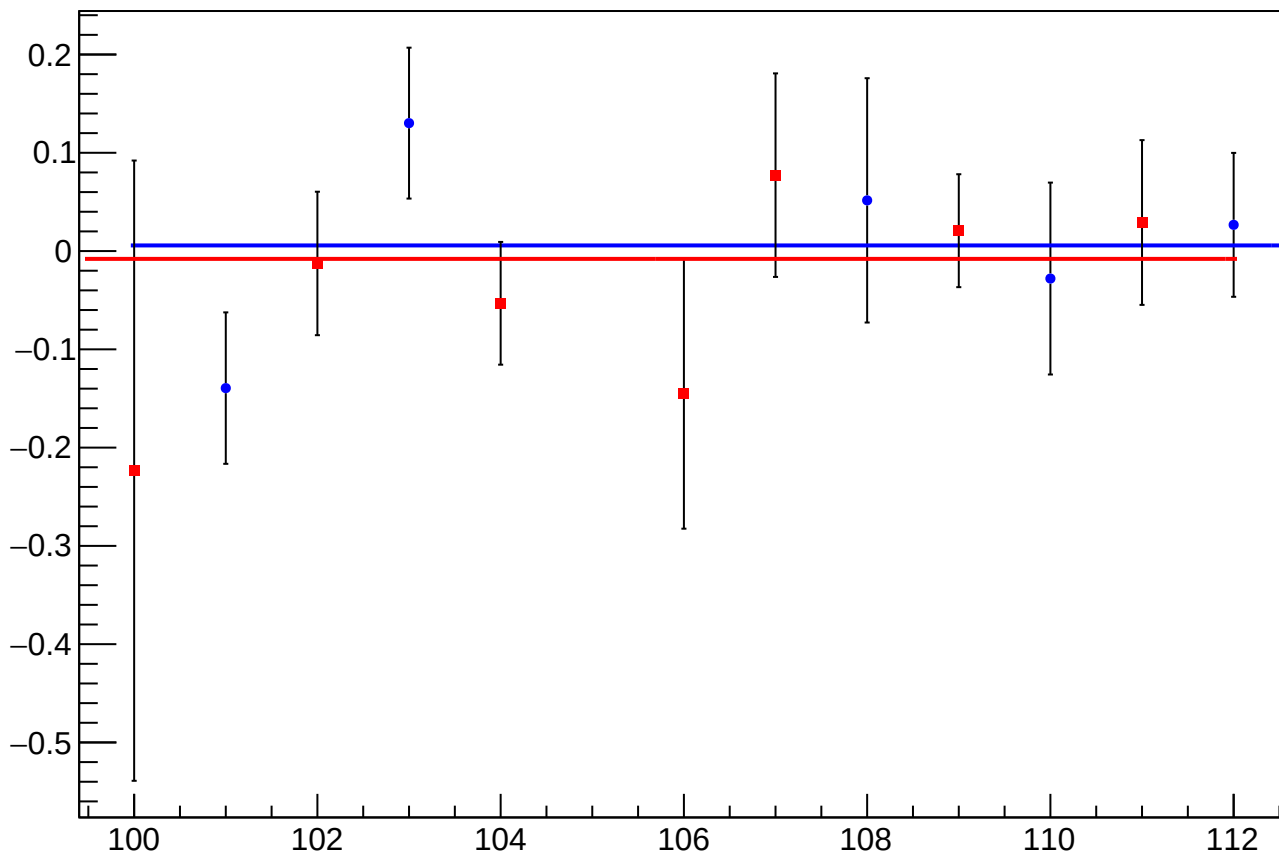
Right: 0.002+/-0.000 χ^2/NDF : 2785689.4/11

In: 0.002+/-0.000 χ^2/NDF : 1509538.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2785689.4/11

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006+/-0.038 χ^2/NDF : 6.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.008+/-0.031 χ^2/NDF : 3.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

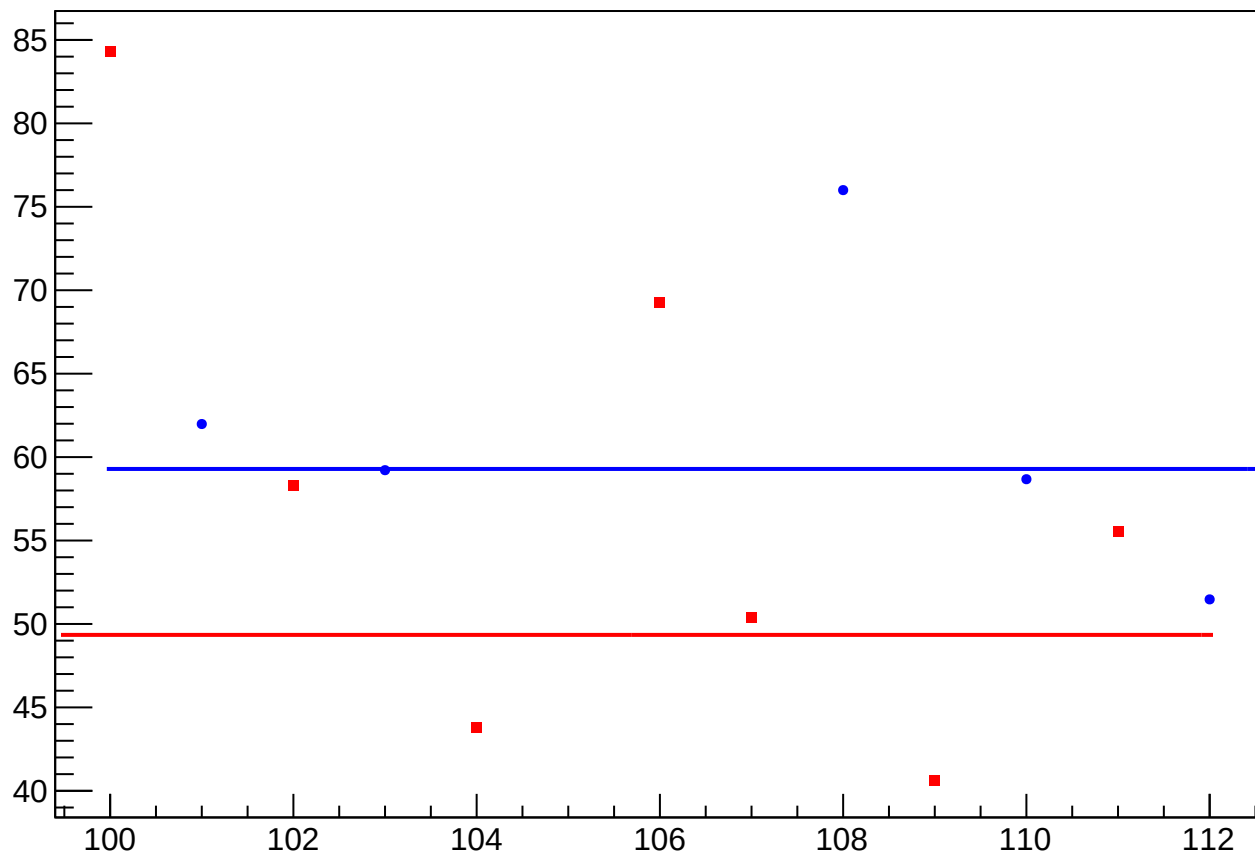
Right: -0.002+/-0.024 χ^2/NDF : 9.7/11

In: 0.006+/-0.038 χ^2/NDF : 6.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.002+/-0.024 χ^2/NDF : 9.7/11

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.290 $\pm$ 0.027 χ^2 /NDF: 61469.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 49.345 $\pm$ 0.022 χ^2 /NDF: 169643.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

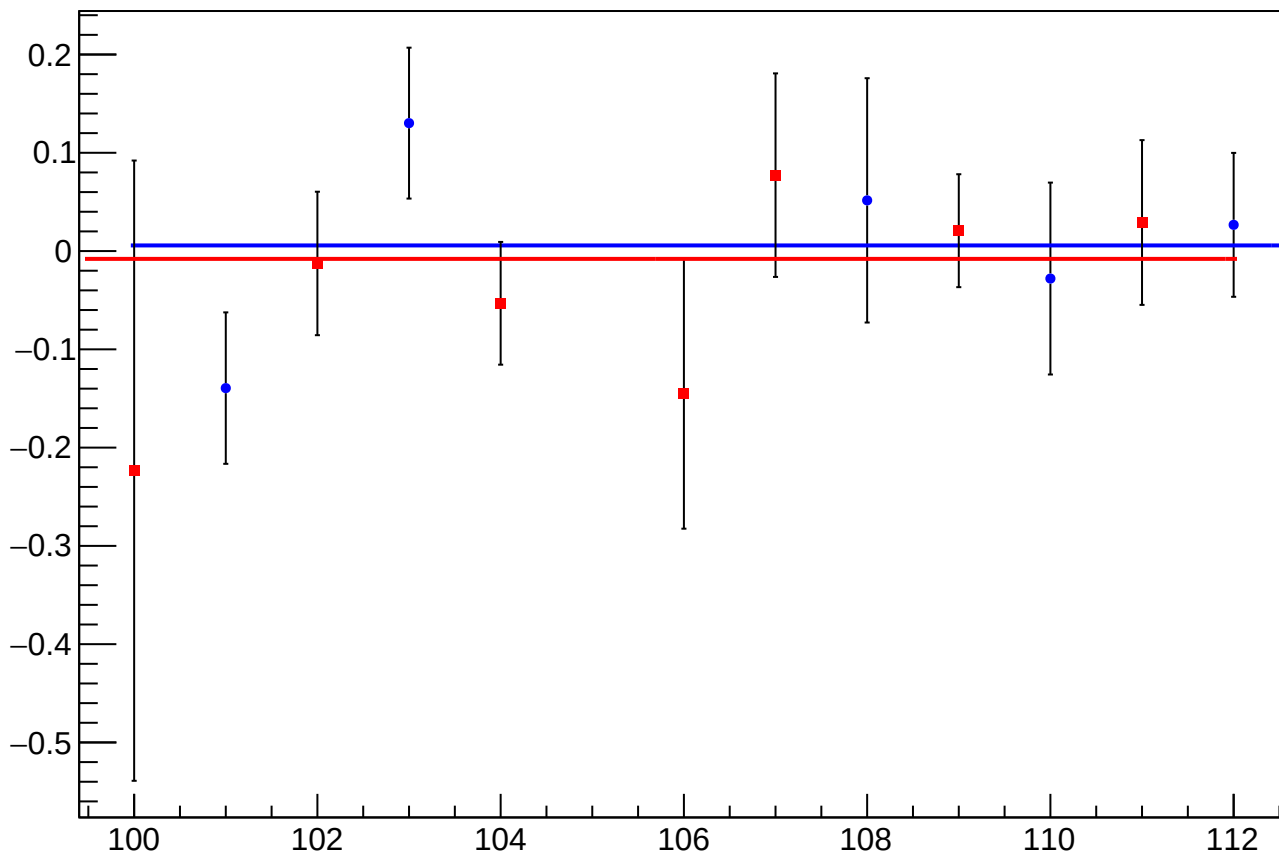
Right: 53.313 $\pm$ 0.017 χ^2 /NDF: 313640.0/11

In: 59.290 $\pm$ 0.027 χ^2 /NDF:61469.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 53.313 $\pm$ 0.017 χ^2 /NDF: 313640.0/11

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006 $\pm$ 0.038 χ^2 /NDF: 6.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.008 $\pm$ 0.031 χ^2 /NDF: 3.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

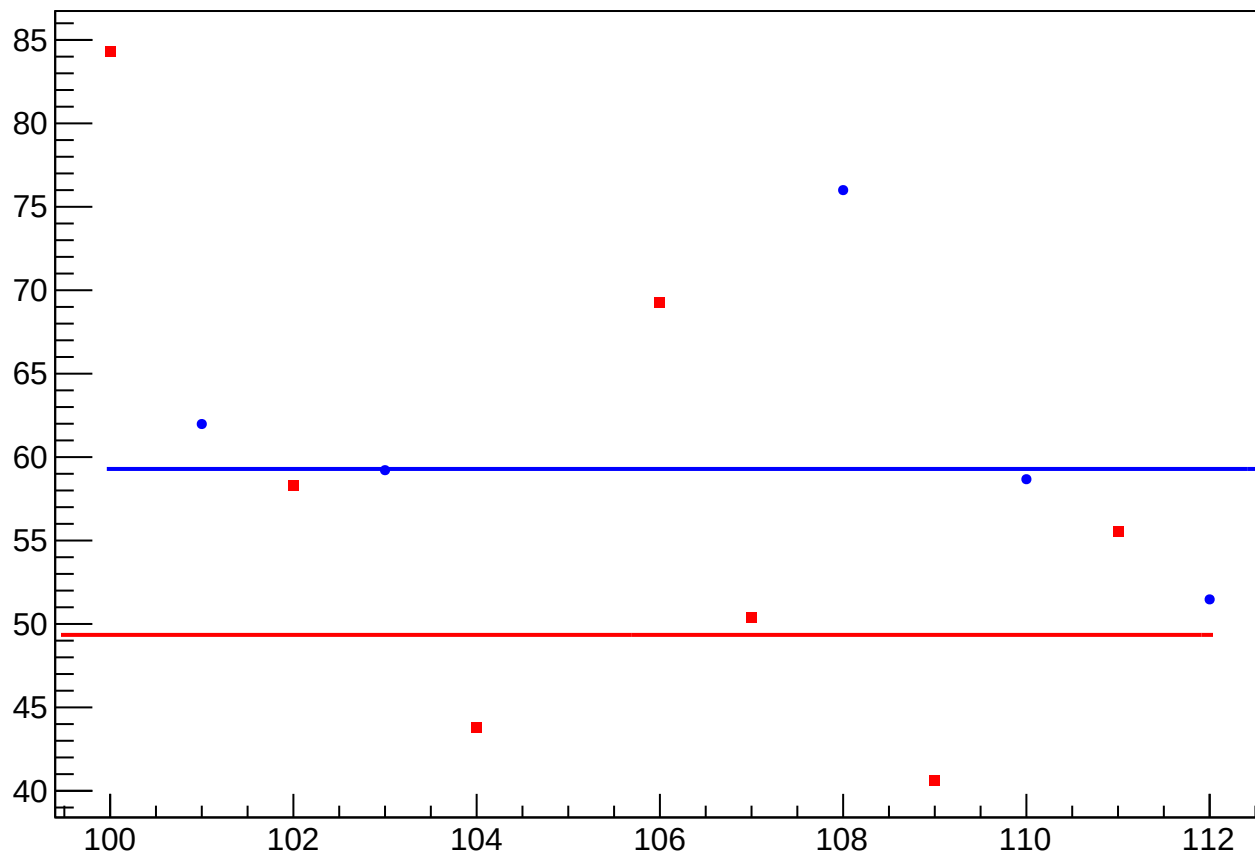
Right: -0.002 $\pm$ 0.024 χ^2 /NDF: 9.7/11

In: 0.006 $\pm$ 0.038 χ^2 /NDF:6.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.002 $\pm$ 0.024 χ^2 /NDF: 9.7/11

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.290+/-0.027 χ^2/NDF : 61469.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.345+/-0.022 χ^2/NDF : 169643.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

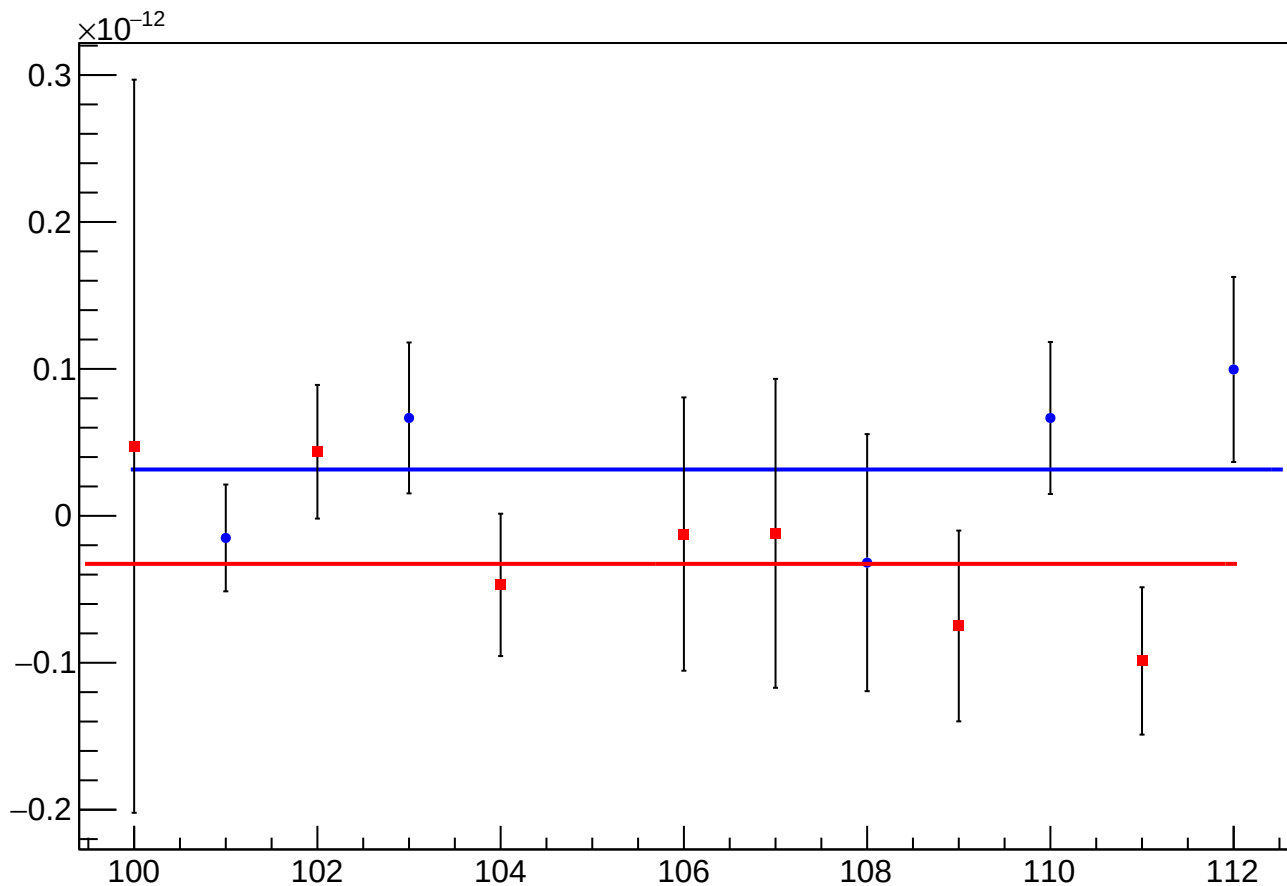
Right: 53.313+/-0.017 χ^2/NDF : 313640.0/11

In: 59.290+/-0.027 χ^2/NDF : 61469.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.313+/-0.017 χ^2/NDF : 313640.0/11

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

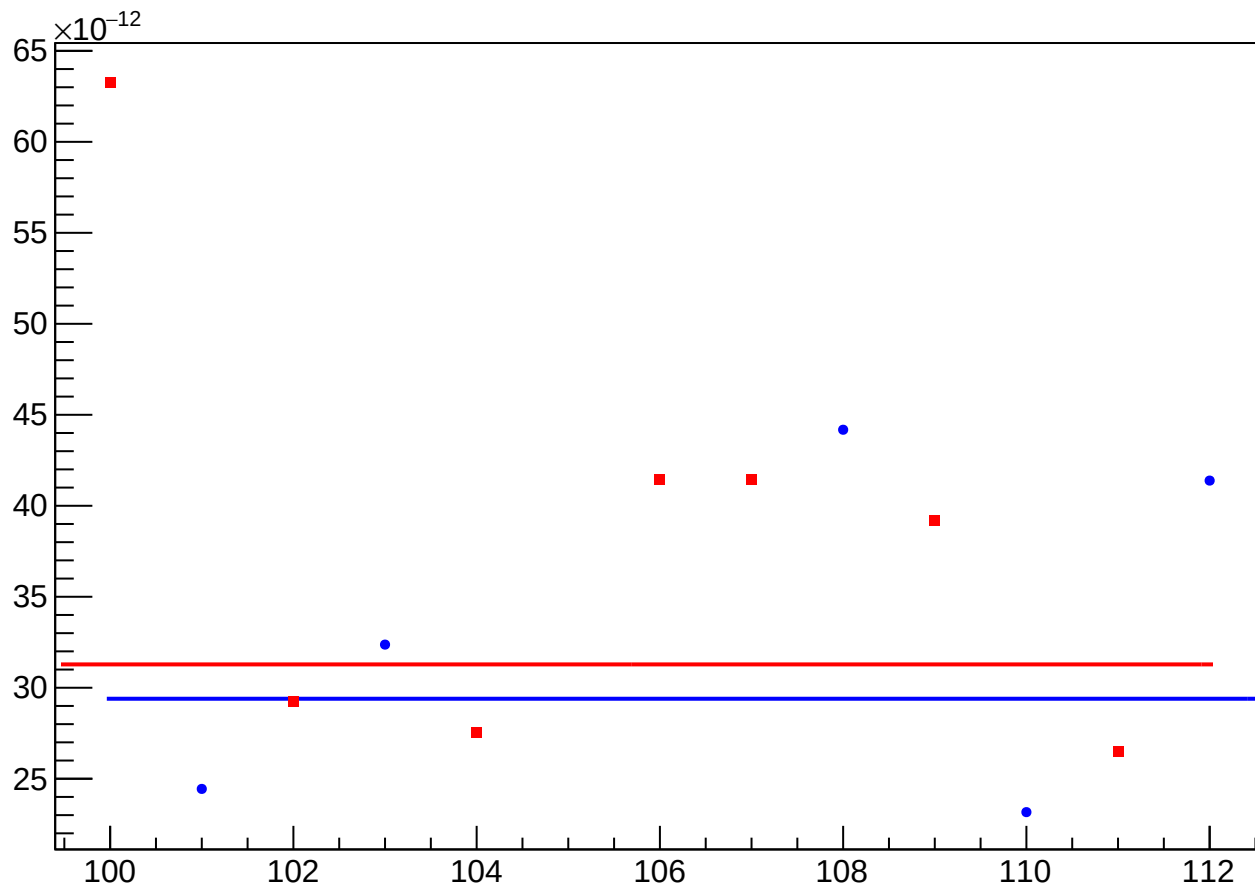
Right: 0.000+/-0.000 χ^2/NDF : 13.3/11

In: 0.000+/-0.000 χ^2/NDF : 4.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.3/11

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 202503.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 139156.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

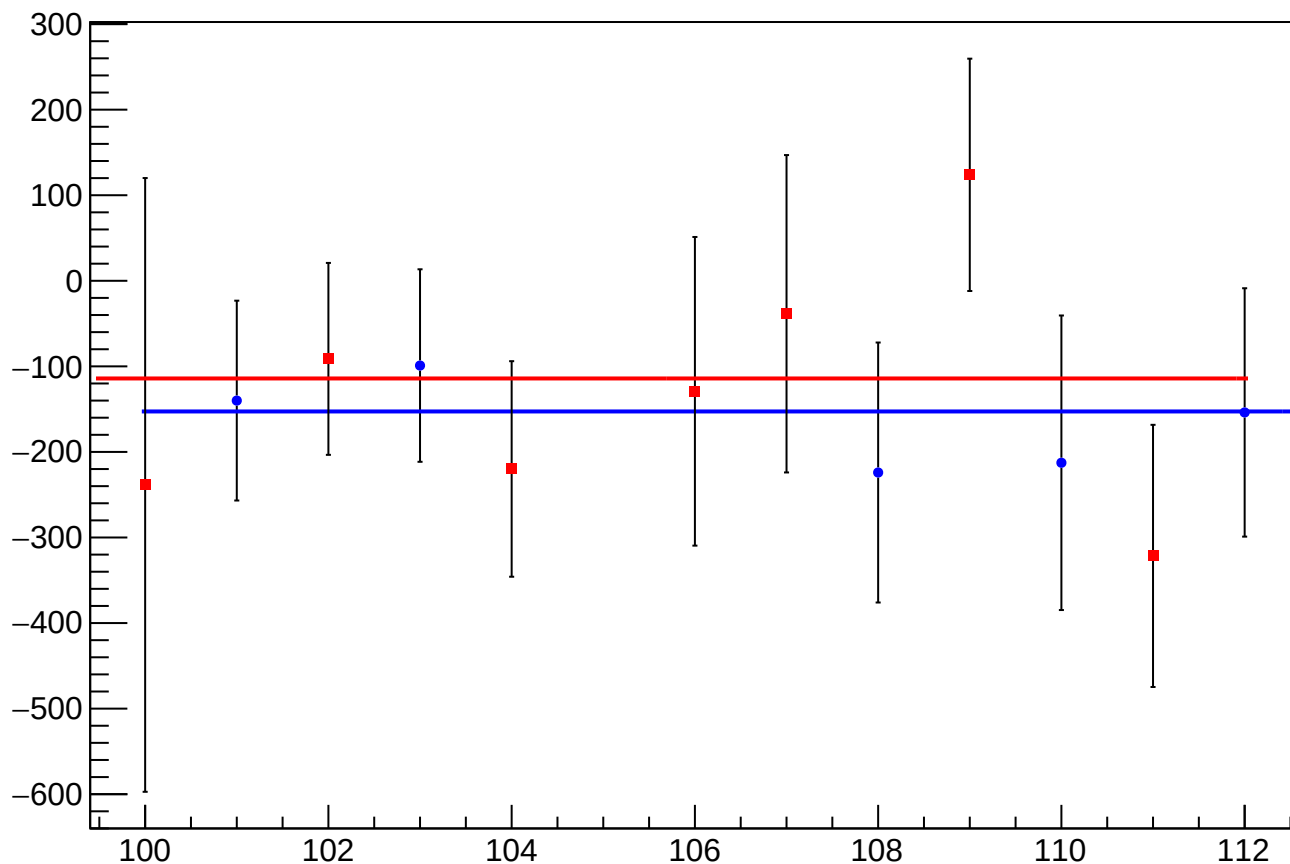
Right: 0.000+/-0.000 χ^2/NDF : 348168.1/11

In: 0.000+/-0.000 χ^2/NDF : 202503.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 348168.1/11

reg_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -152.702 $\pm$ 60.094 χ^2 /NDF: 0.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -114.149 $\pm$ 57.073 χ^2 /NDF: 5.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

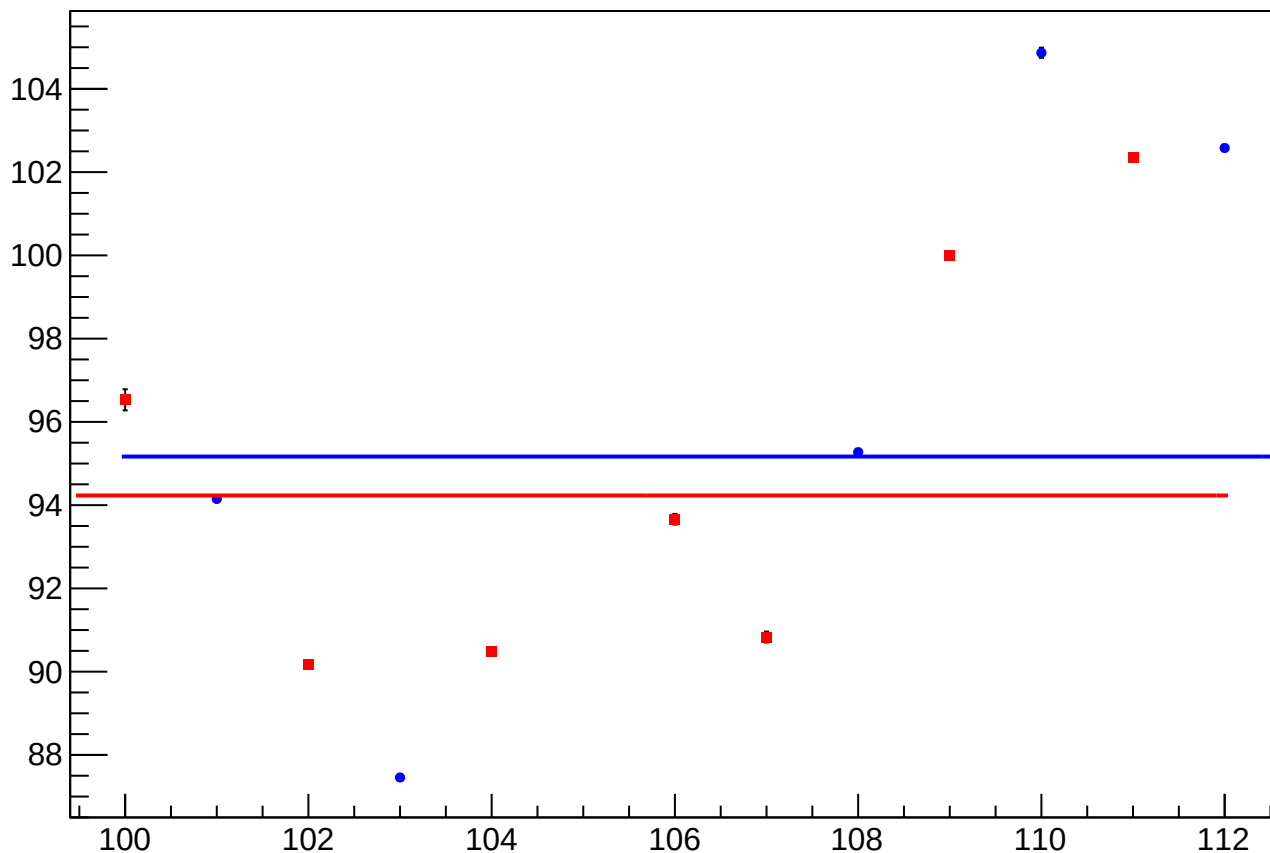
Right: -132.432 $\pm$ 41.383 χ^2 /NDF: 6.7/11

In: -152.702 $\pm$ 60.094 χ^2 /NDF:0.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -132.432 $\pm$ 41.383 χ^2 /NDF: 6.7/11

reg_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 95.167+/-0.042 χ^2/NDF : 21115.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.232+/-0.040 χ^2/NDF : 14403.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

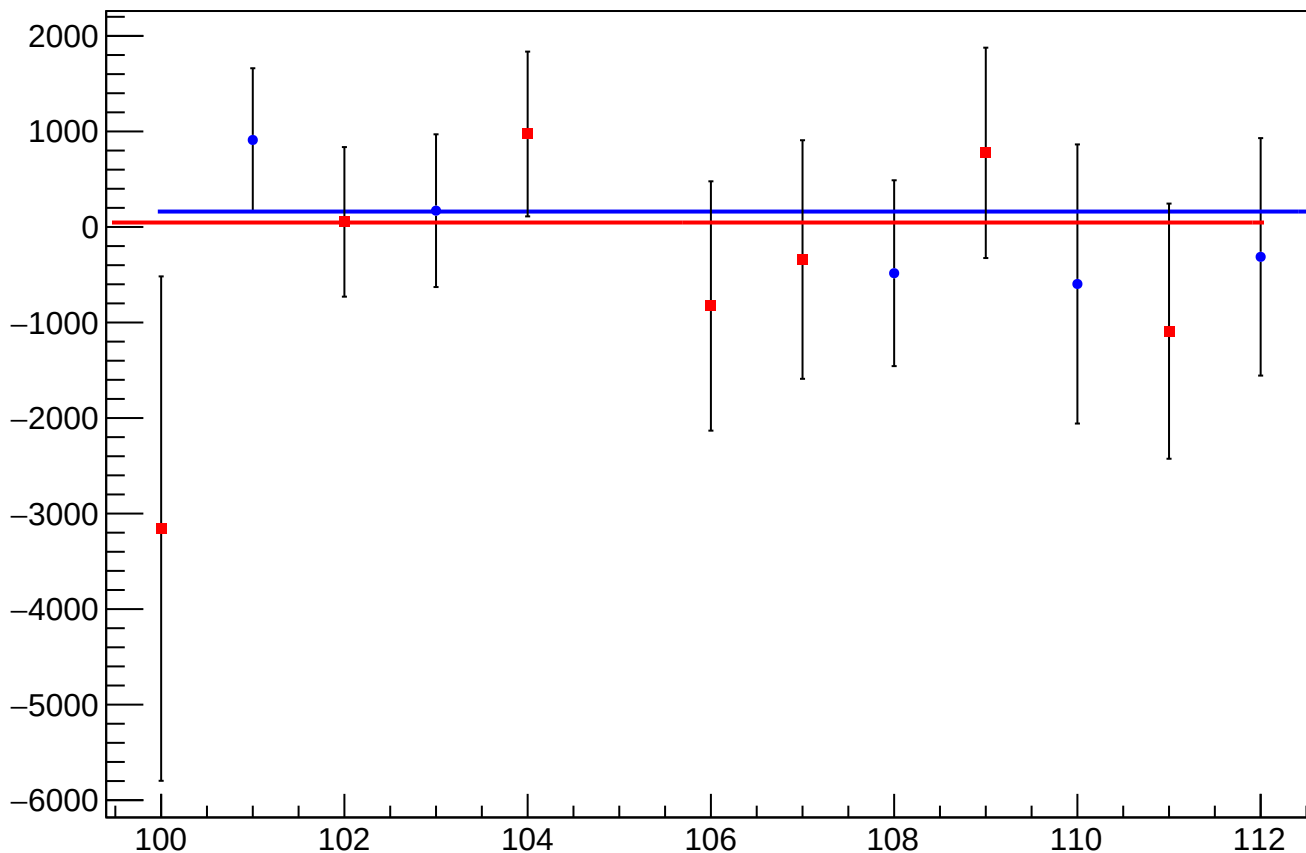
Right: 94.676+/-0.029 χ^2/NDF : 35774.4/11

In: 95.167+/-0.042 χ^2/NDF : 21115.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.676+/-0.029 χ^2/NDF : 35774.4/11

asym_sam_37_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 161.448+/-425.937 χ^2/NDF : 1.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.549+/-417.637 χ^2/NDF : 4.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

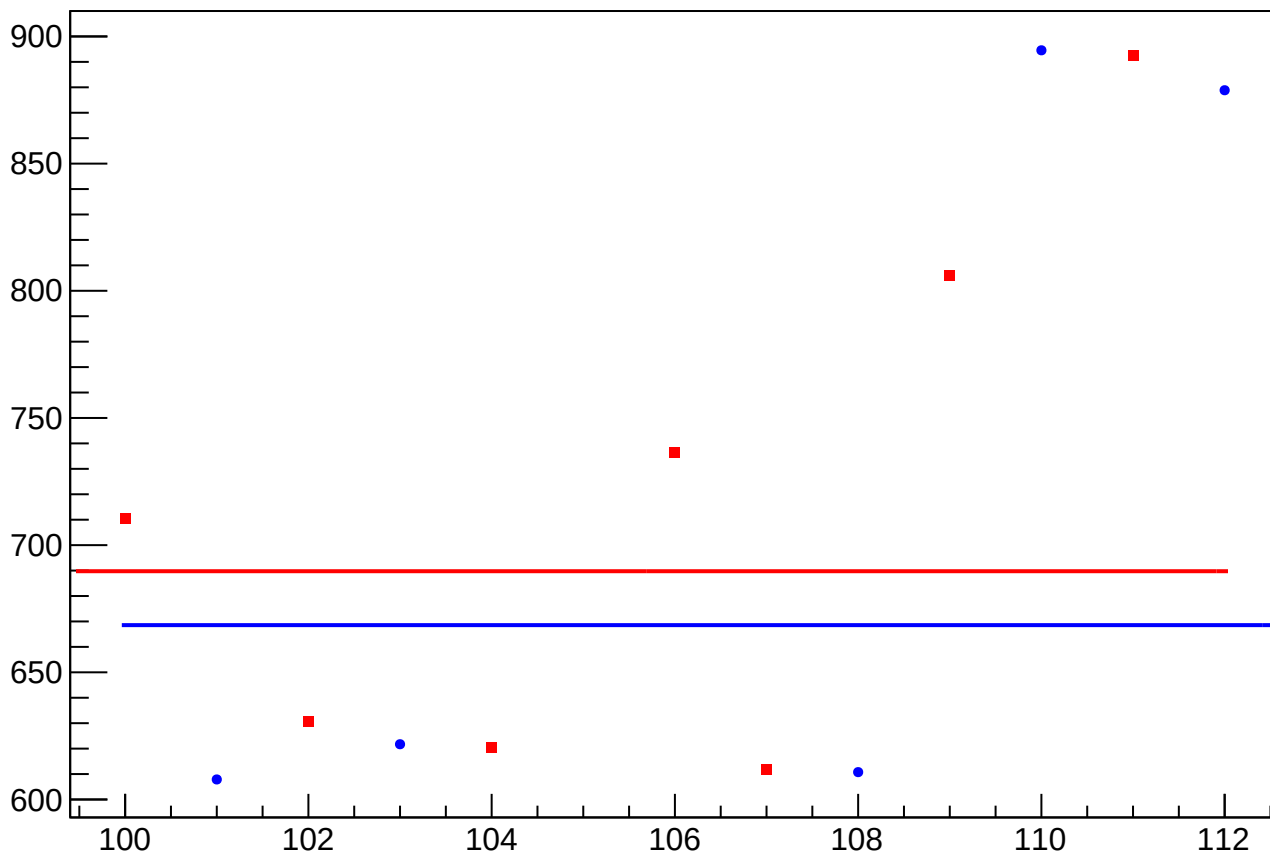
Right: 102.868+/-298.205 χ^2/NDF : 6.2/11

In: 161.448+/-425.937 χ^2/NDF : 1.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.868+/-298.205 χ^2/NDF : 6.2/11

asym_sam_37_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 668.552+/-0.301 χ^2/NDF : 132103.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 689.750+/-0.295 χ^2/NDF : 103233.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

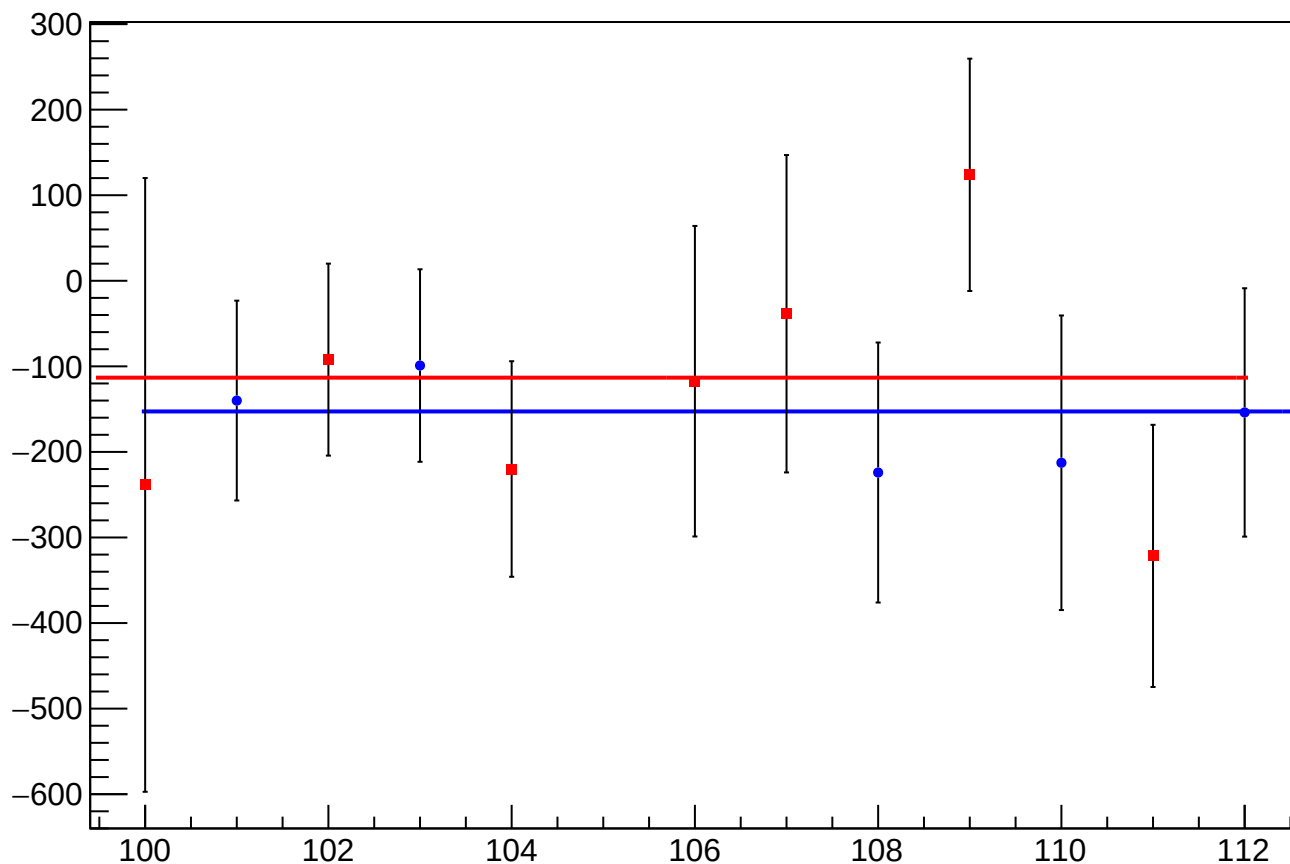
Right: 679.359+/-0.211 χ^2/NDF : 237862.4/11

In: 668.552+/-0.301 χ^2/NDF : 132103.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 679.359+/-0.211 χ^2/NDF : 237862.4/11

cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -152.708 $\pm$ 60.094 χ^2 /NDF: 0.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -113.211 $\pm$ 57.110 χ^2 /NDF: 5.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

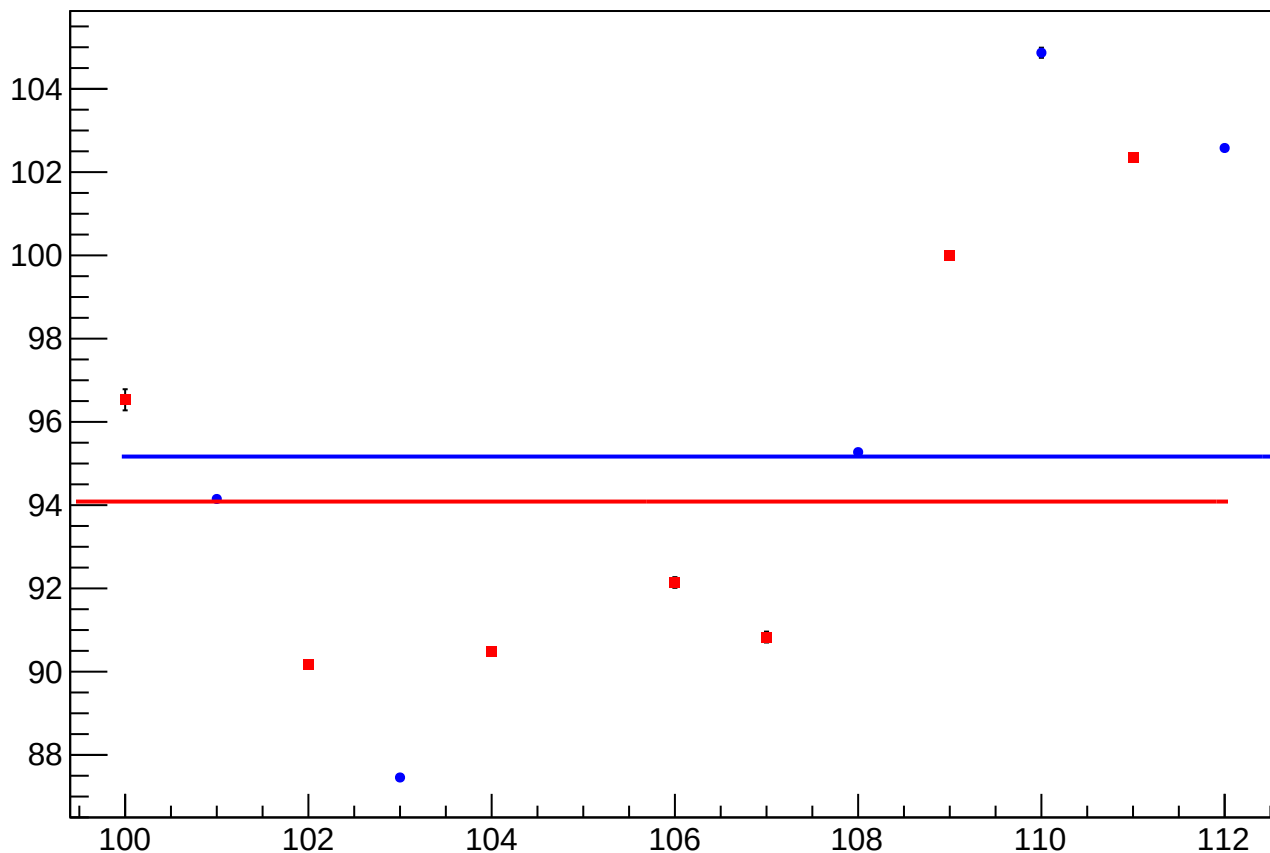
Right: -131.955 $\pm$ 41.397 χ^2 /NDF: 6.7/11

In: -152.708 $\pm$ 60.094 χ^2 /NDF:0.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -131.955 $\pm$ 41.397 χ^2 /NDF: 6.7/11

cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 95.167+/-0.042 χ^2/NDF : 21115.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.086+/-0.040 χ^2/NDF : 14615.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

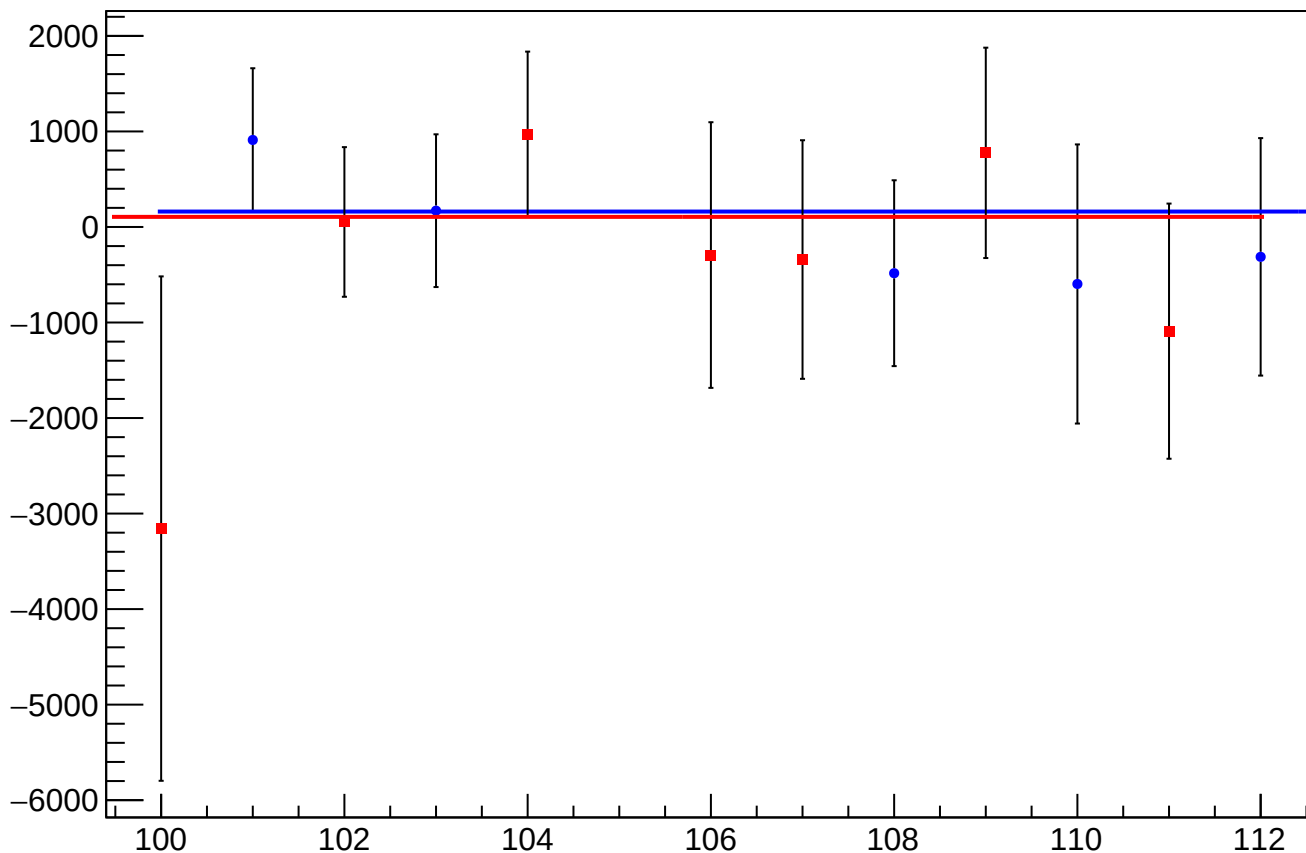
Right: 94.599+/-0.029 χ^2/NDF : 36071.4/11

In: 95.167+/-0.042 χ^2/NDF : 21115.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.599+/-0.029 χ^2/NDF : 36071.4/11

asym_sam_37_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 161.411+/-425.939 χ^2/NDF : 1.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 105.758+/-420.255 χ^2/NDF : 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

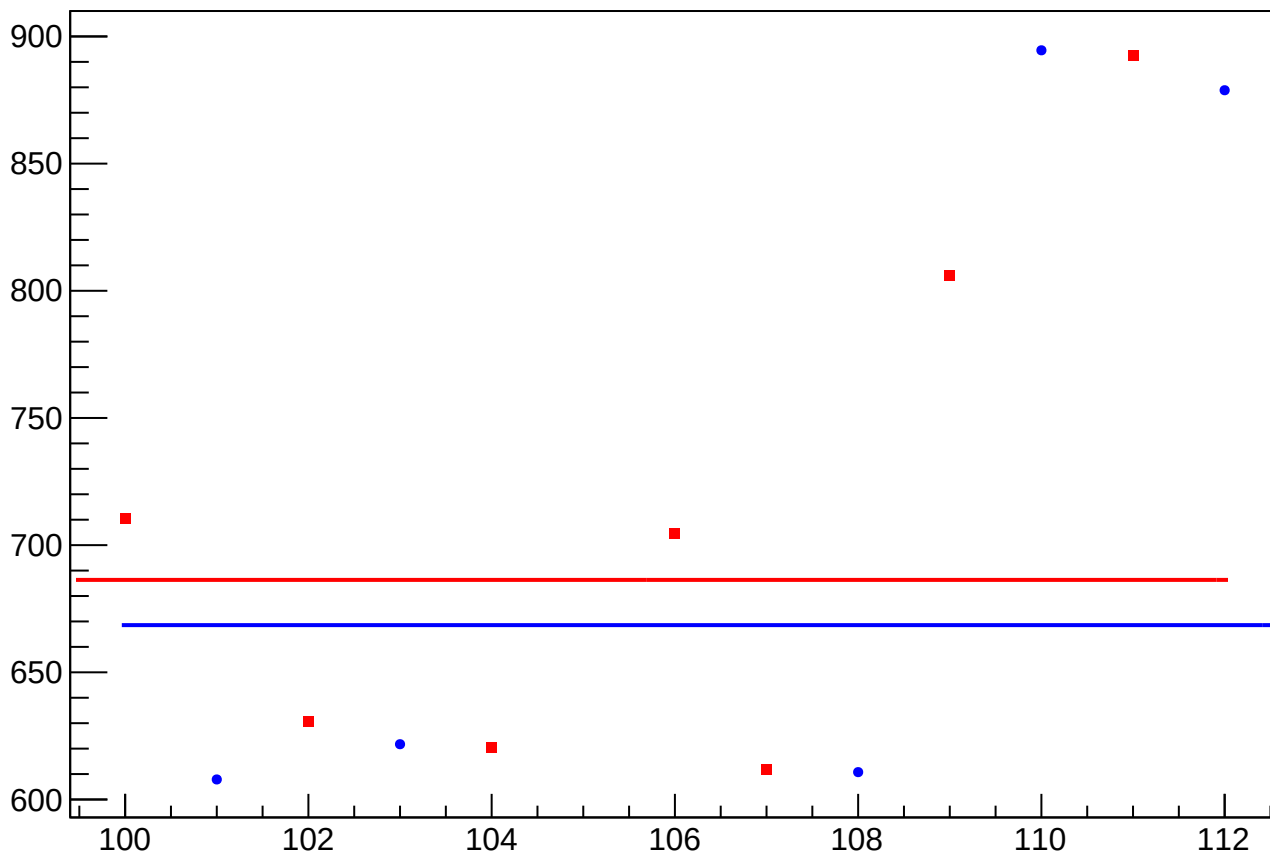
Right: 133.211+/-299.155 χ^2/NDF : 5.8/11

In: 161.411+/-425.939 χ^2/NDF : 1.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.211+/-299.155 χ^2/NDF : 5.8/11

asym_sam_37_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 668.556+/-0.301 χ^2/NDF : 132099.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 686.336+/-0.297 χ^2/NDF : 100654.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

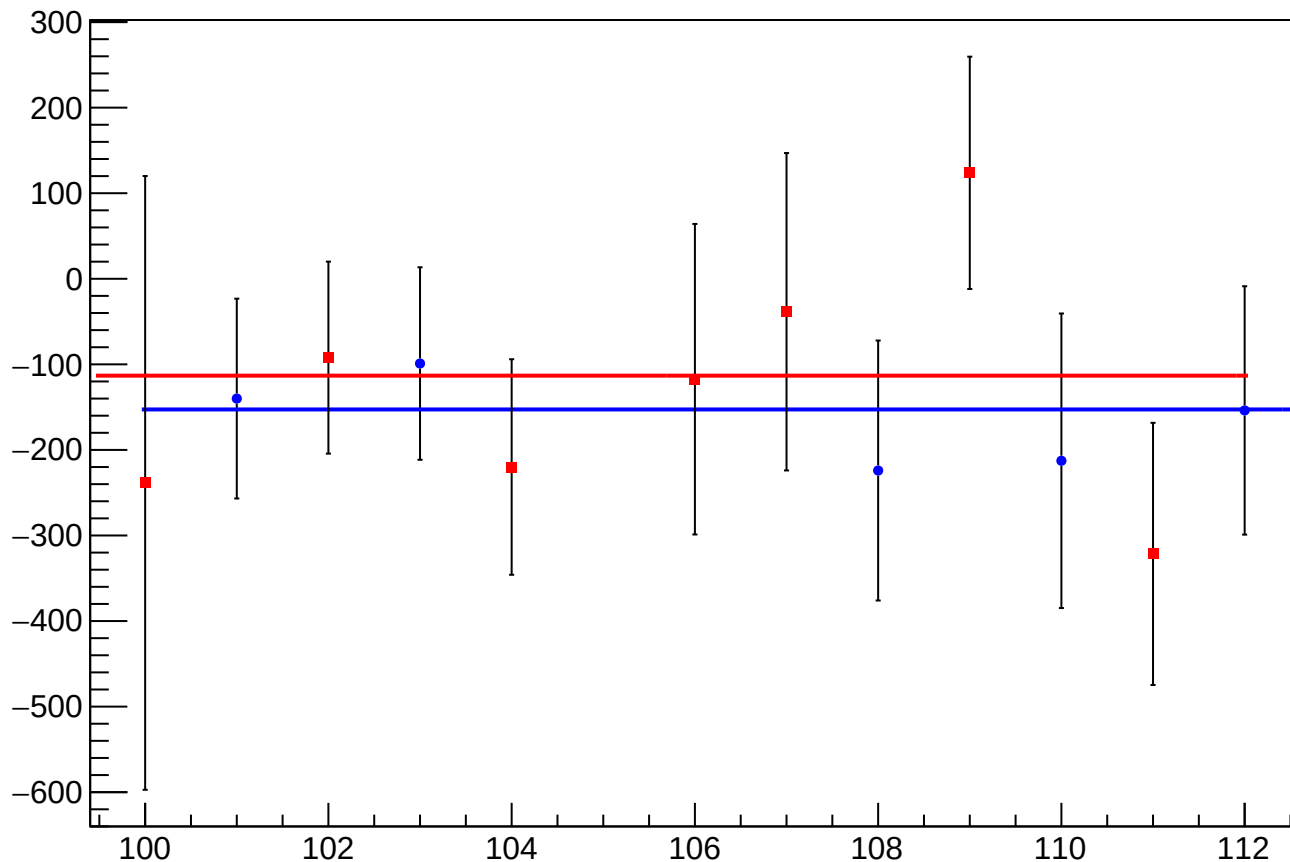
Right: 677.565+/-0.212 χ^2/NDF : 234520.5/11

In: 668.556+/-0.301 χ^2/NDF : 132099.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 677.565+/-0.212 χ^2/NDF : 234520.5/11

eigen_cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -152.708 $\pm$ 60.094 χ^2 /NDF: 0.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -113.211 $\pm$ 57.110 χ^2 /NDF: 5.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

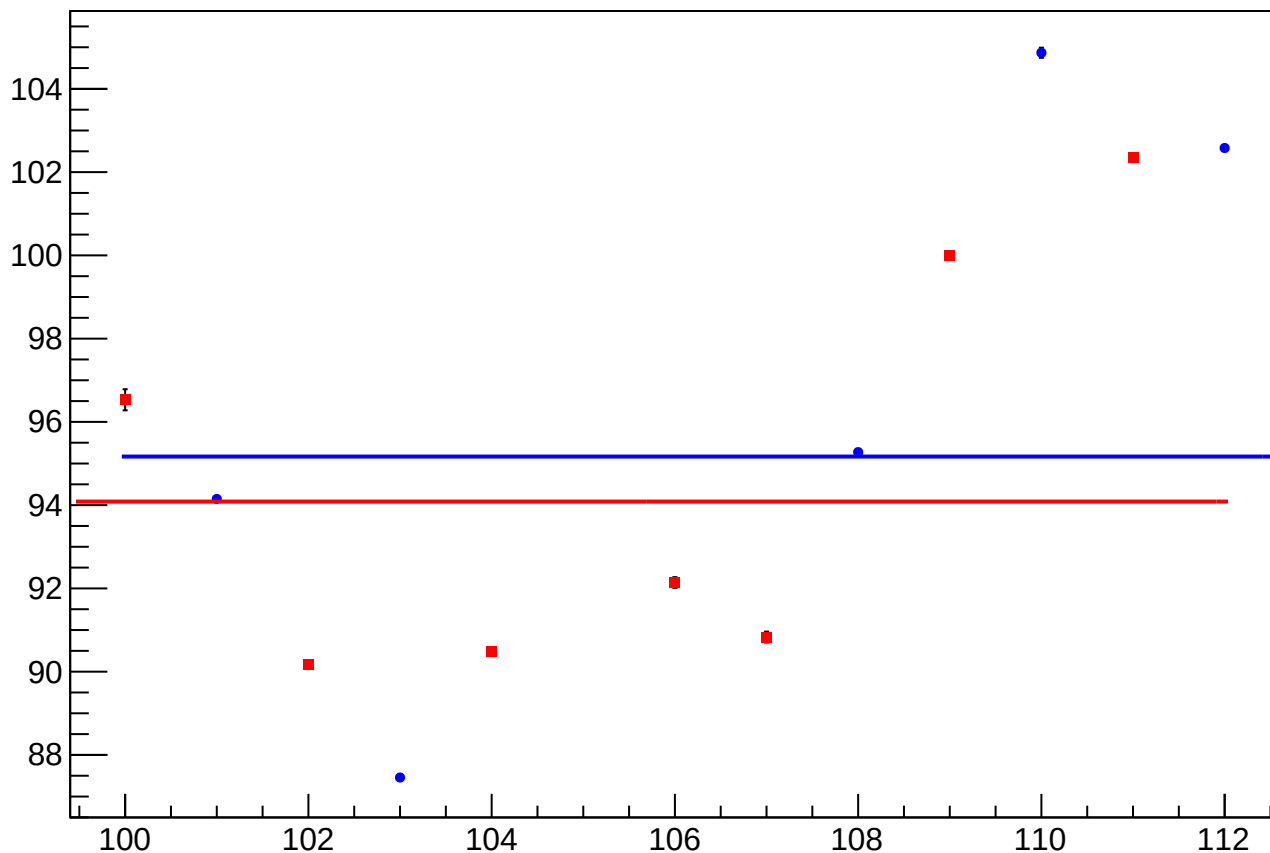
Right: -131.955 $\pm$ 41.397 χ^2 /NDF: 6.7/11

In: -152.708 $\pm$ 60.094 χ^2 /NDF:0.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -131.955 $\pm$ 41.397 χ^2 /NDF: 6.7/11

eigen_cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 95.167 $\pm$ 0.042 χ^2 /NDF: 21115.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 94.086 $\pm$ 0.040 χ^2 /NDF: 14615.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

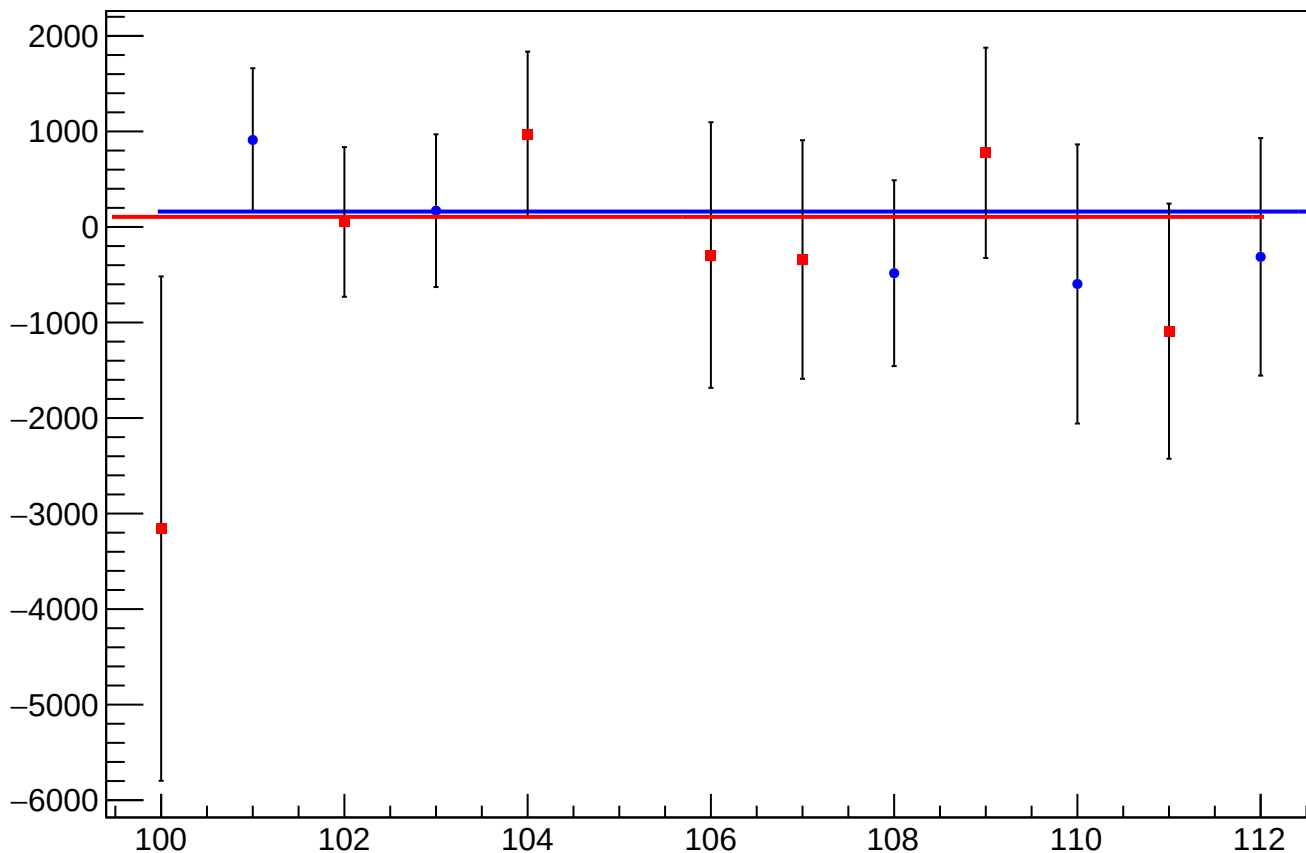
Right: 94.599 $\pm$ 0.029 χ^2 /NDF: 36071.4/11

In: 95.167 $\pm$ 0.042 χ^2 /NDF:21115.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 94.599 $\pm$ 0.029 χ^2 /NDF: 36071.4/11

asym_sam_37_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 161.411+/-425.939 χ^2/NDF : 1.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 105.758+/-420.255 χ^2/NDF : 3.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

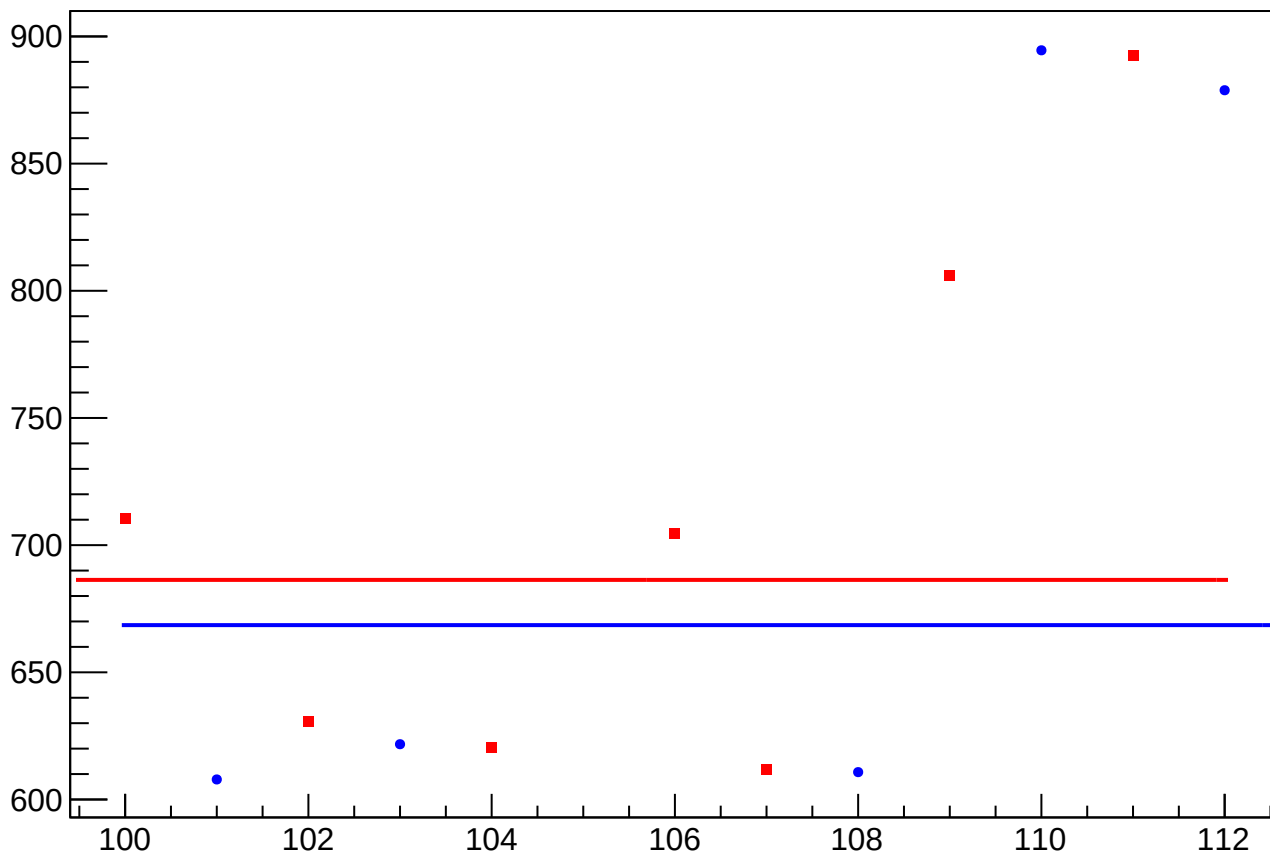
Right: 133.211+/-299.155 χ^2/NDF : 5.8/11

In: 161.411+/-425.939 χ^2/NDF : 1.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.211+/-299.155 χ^2/NDF : 5.8/11

asym_sam_37_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 668.556+/-0.301 χ^2/NDF : 132099.7/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 686.336+/-0.297 χ^2/NDF : 100654.8/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

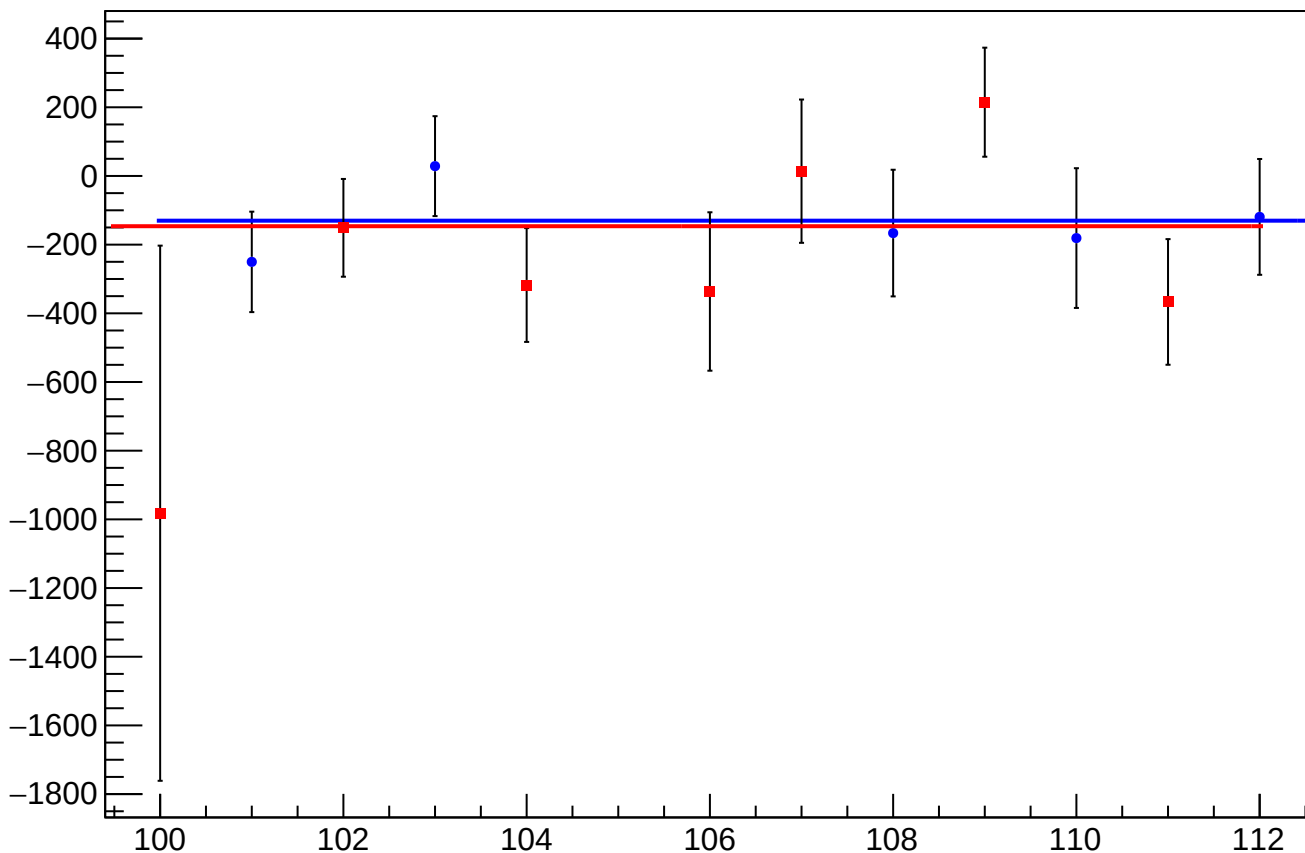
Right: 677.565+/-0.212 χ^2/NDF : 234520.5/11

In: 668.556+/-0.301 χ^2/NDF :132099.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 677.565+/-0.212 χ^2/NDF : 234520.5/11

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -130.227 $\pm$ 73.973 χ^2 /NDF: 2.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -146.334 $\pm$ 70.940 χ^2 /NDF: 10.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

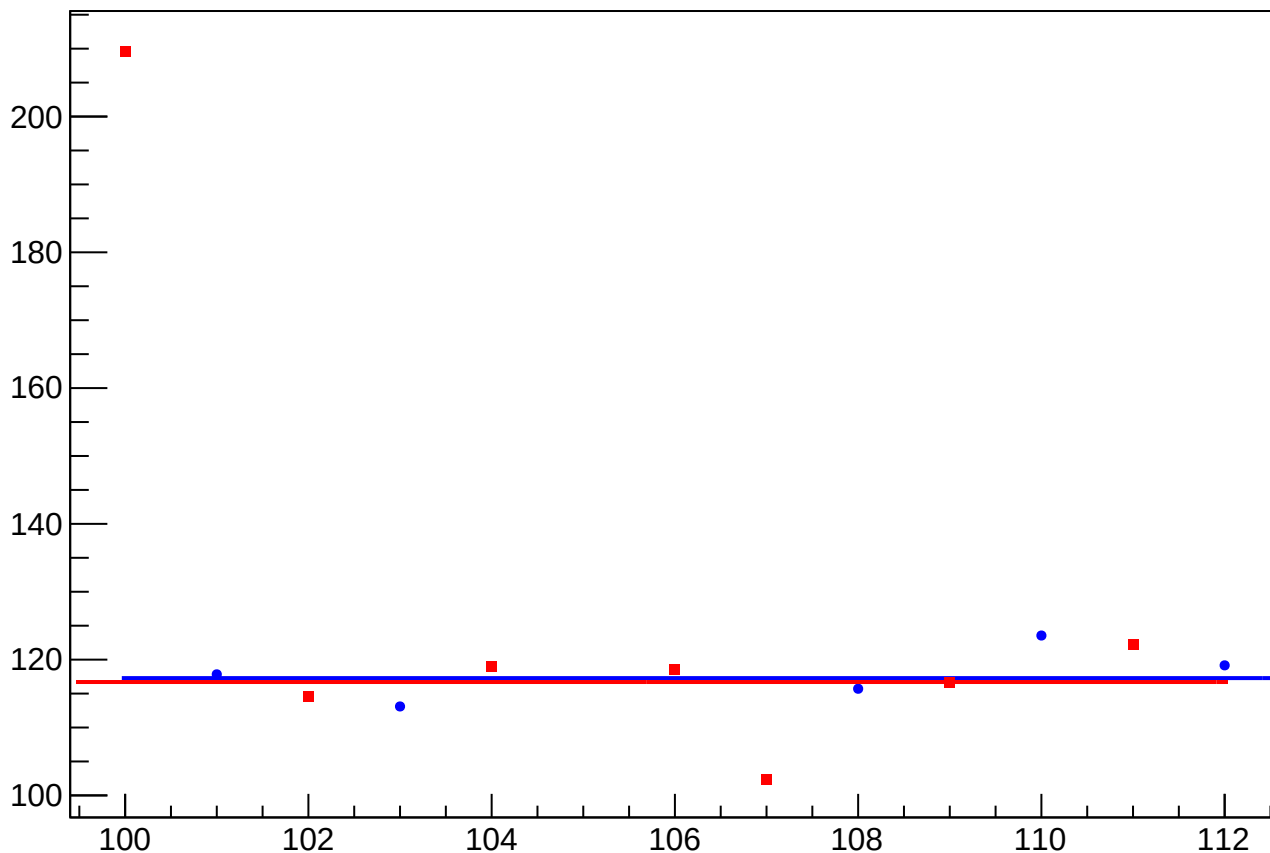
Right: -138.618 $\pm$ 51.201 χ^2 /NDF: 12.1/11

In: -130.227 $\pm$ 73.973 χ^2 /NDF:2.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -138.618 $\pm$ 51.201 χ^2 /NDF: 12.1/11

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 117.280 $\pm$ 0.052 χ^2 /NDF: 3970.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 116.704 $\pm$ 0.050 χ^2 /NDF: 40740.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

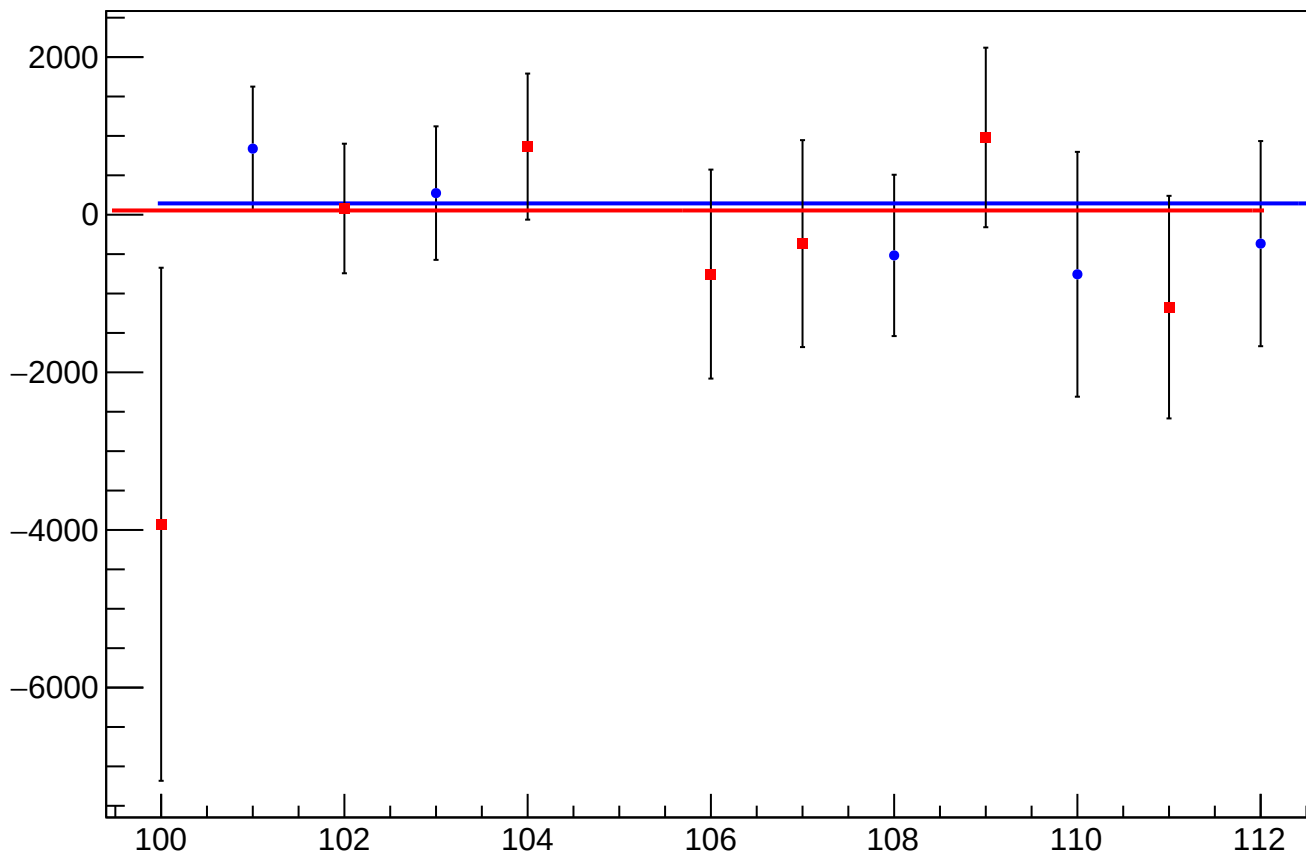
Right: 116.980 $\pm$ 0.036 χ^2 /NDF: 44773.9/11

In: 117.280 $\pm$ 0.052 χ^2 /NDF:3970.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 116.980 $\pm$ 0.036 χ^2 /NDF: 44773.9/11

asym_sam_37_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 143.529+/-448.711 χ^2/NDF : 1.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.039+/-440.256 χ^2/NDF : 4.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

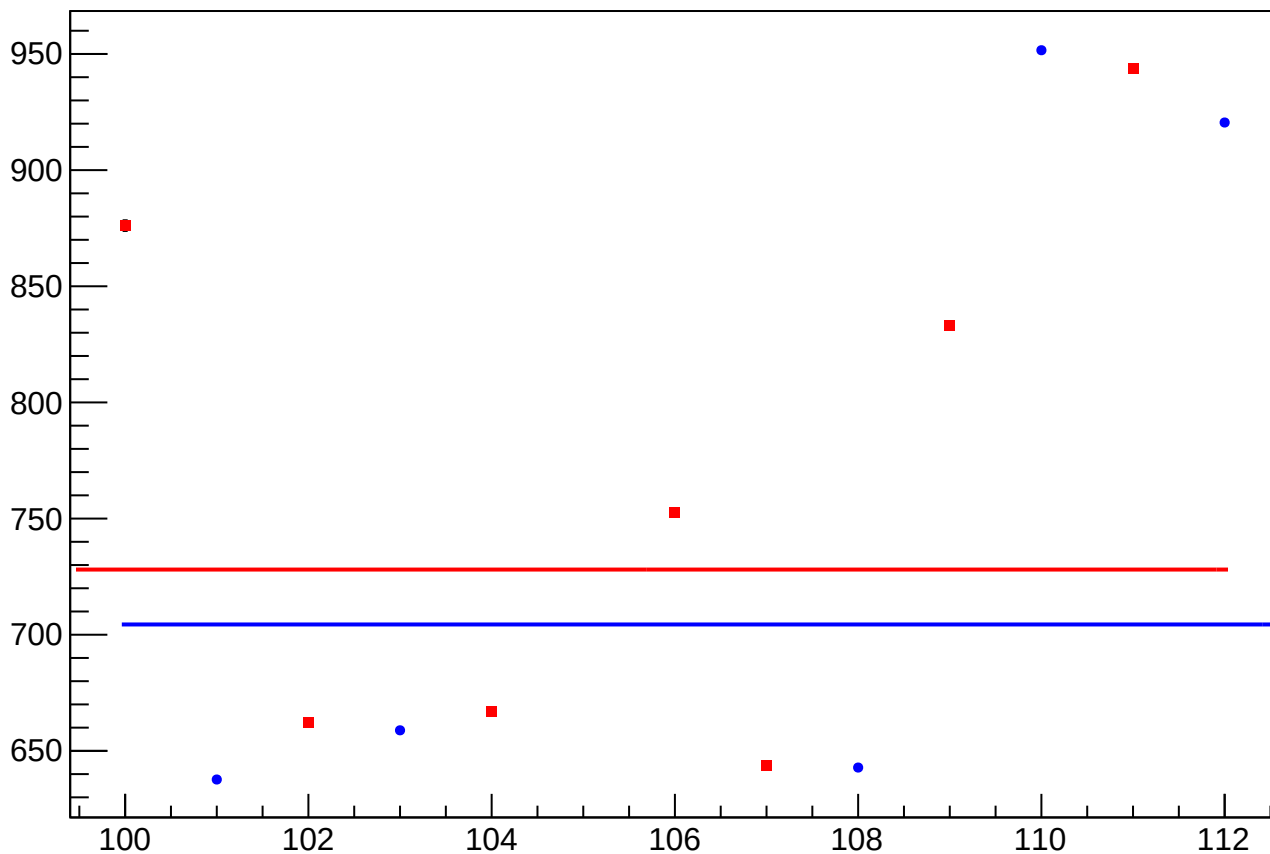
Right: 97.933+/-314.254 χ^2/NDF : 5.9/11

In: 143.529+/-448.711 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.933+/-314.254 χ^2/NDF : 5.9/11

asym_sam_37_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 704.417+/-0.317 χ^2/NDF : 133179.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 728.053+/-0.311 χ^2/NDF : 98268.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

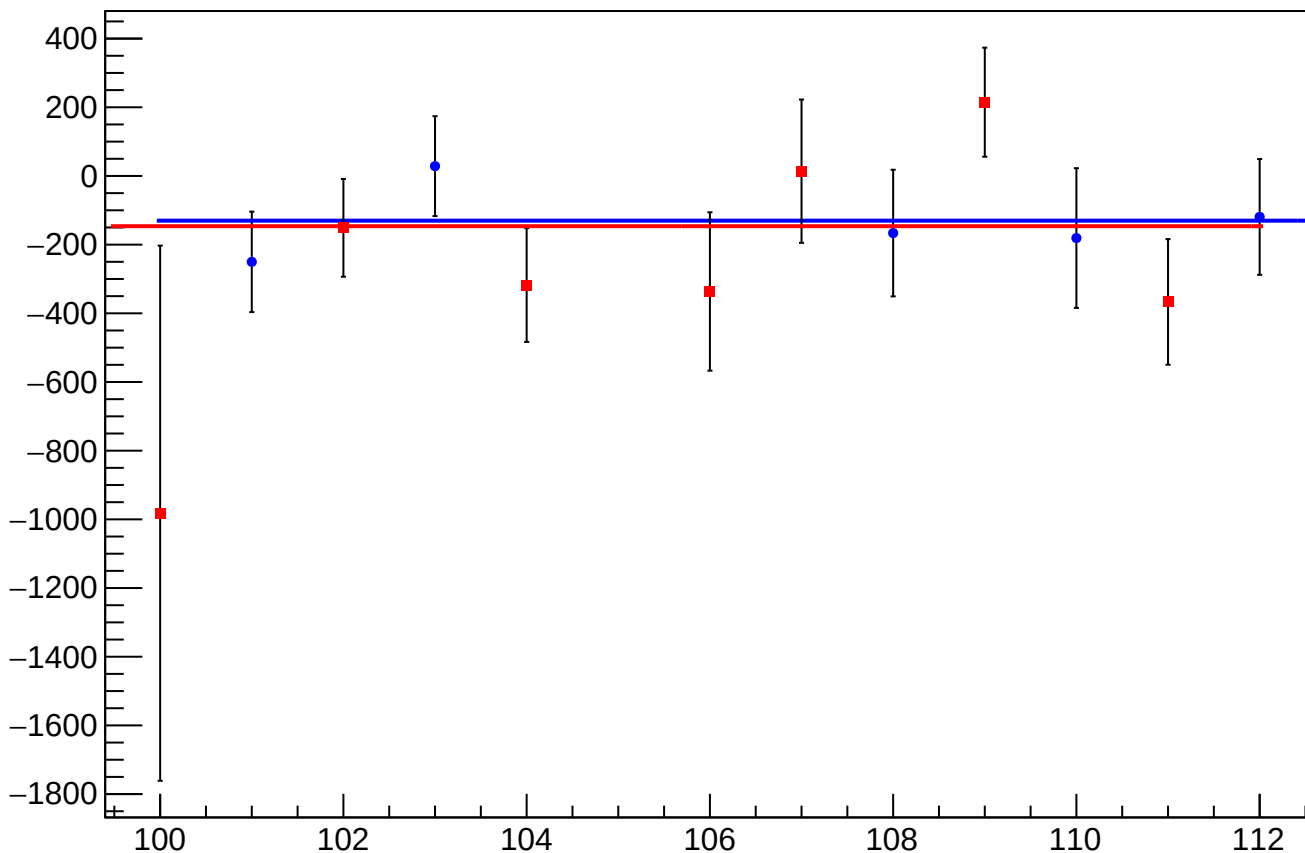
Right: 716.460+/-0.222 χ^2/NDF : 234275.6/11

In: 704.417+/-0.317 χ^2/NDF : 133179.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 716.460+/-0.222 χ^2/NDF : 234275.6/11

eigen_dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -130.221+/-73.973 χ^2/NDF : 2.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -146.336+/-70.939 χ^2/NDF : 10.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

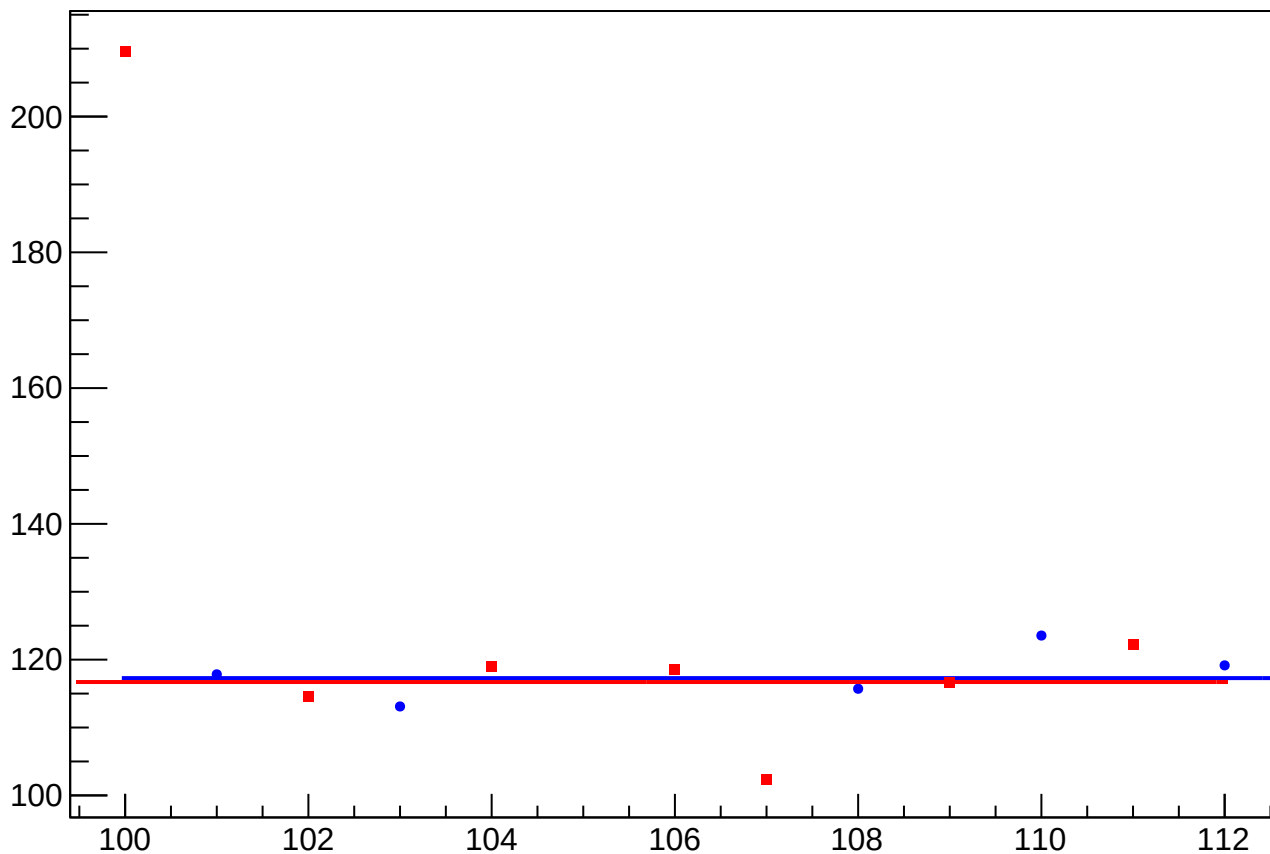
Right: -138.616+/-51.200 χ^2/NDF : 12.1/11

In: -130.221+/-73.973 χ^2/NDF : 2.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -138.616+/-51.200 χ^2/NDF : 12.1/11

eigen_dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 117.279+/-0.052 χ^2/NDF : 3969.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 116.703+/-0.050 χ^2/NDF : 40738.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

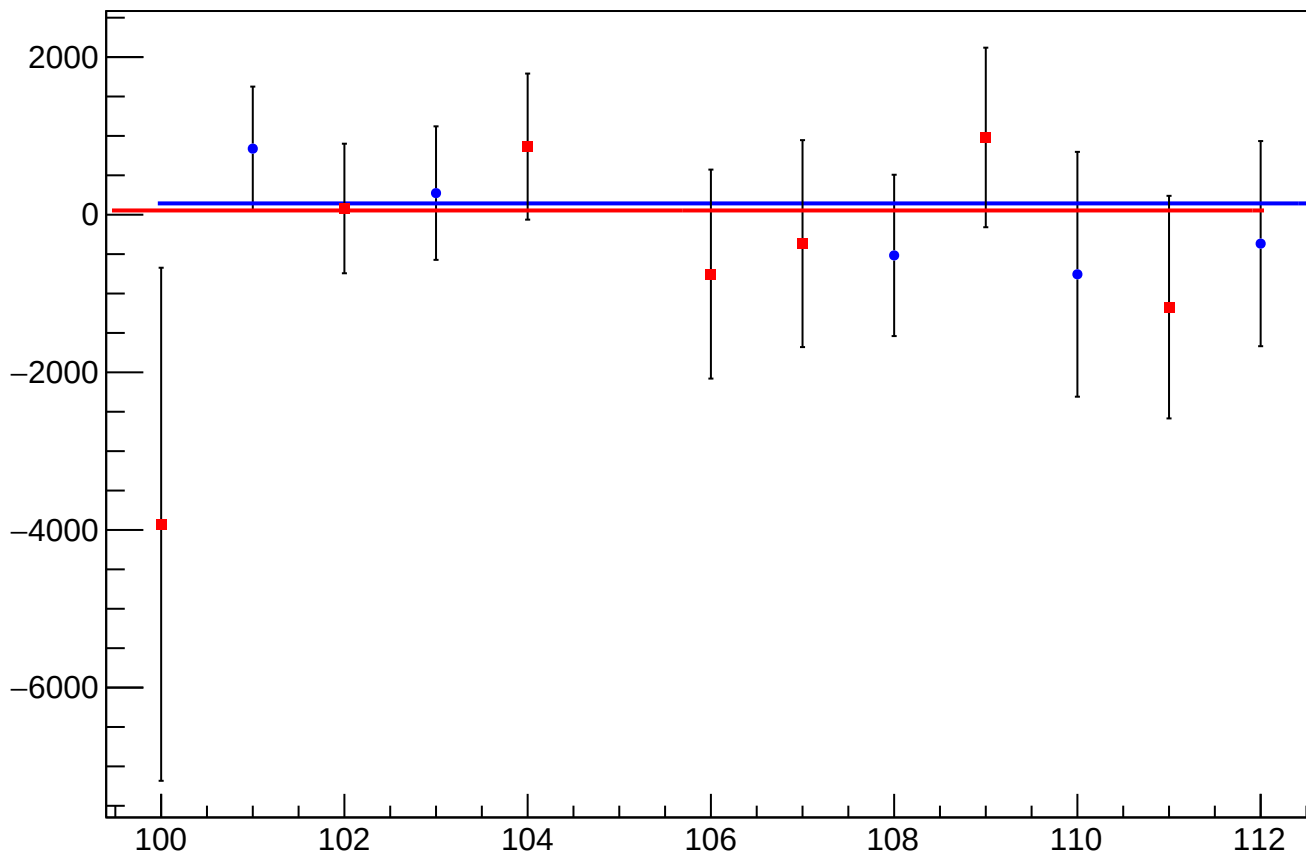
Right: 116.979+/-0.036 χ^2/NDF : 44770.8/11

In: 117.279+/-0.052 χ^2/NDF : 3969.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.979+/-0.036 χ^2/NDF : 44770.8/11

asym_sam_37_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 143.531+/-448.710 χ^2/NDF : 1.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.038+/-440.255 χ^2/NDF : 4.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

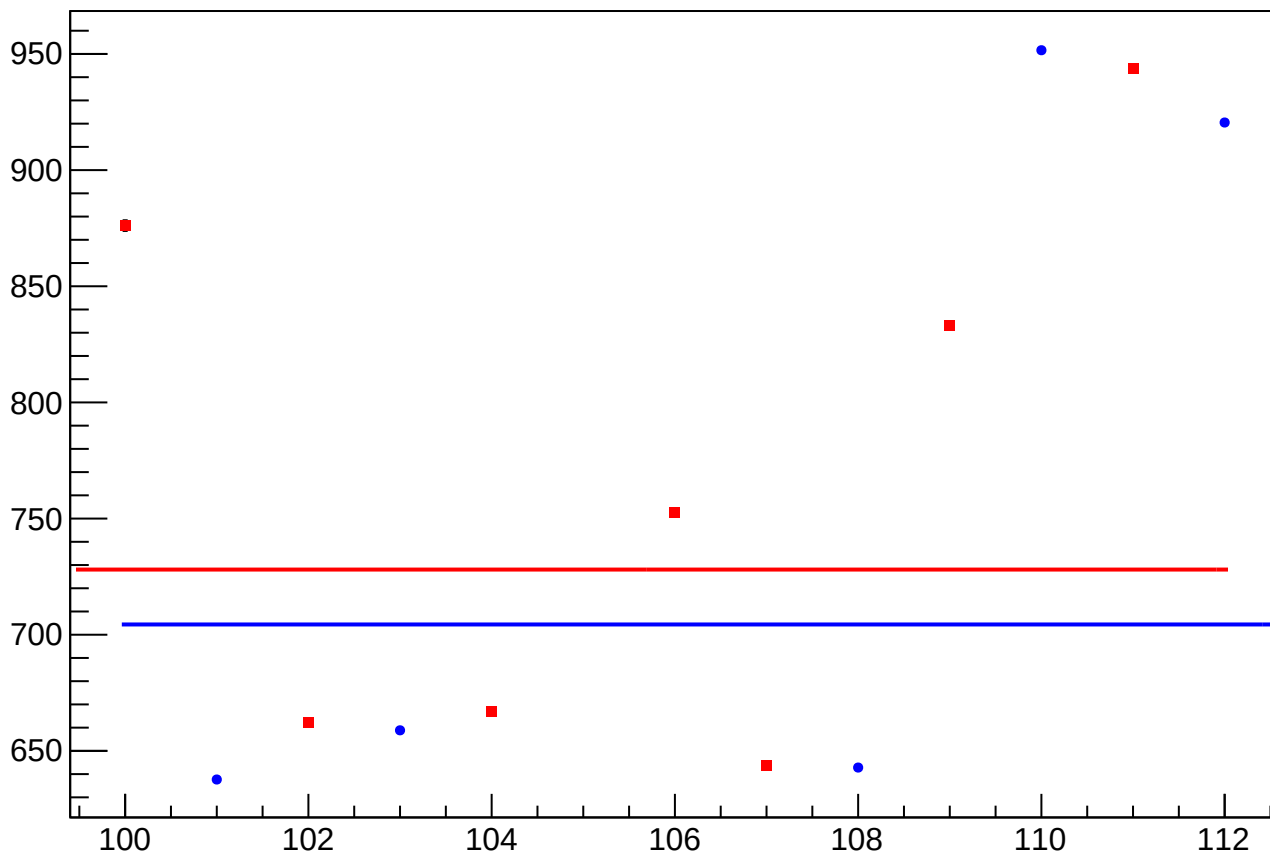
Right: 97.933+/-314.254 χ^2/NDF : 5.9/11

In: 143.531+/-448.710 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.933+/-314.254 χ^2/NDF : 5.9/11

asym_sam_37_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 704.416+/-0.317 χ^2/NDF : 133175.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 728.051+/-0.311 χ^2/NDF : 98267.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

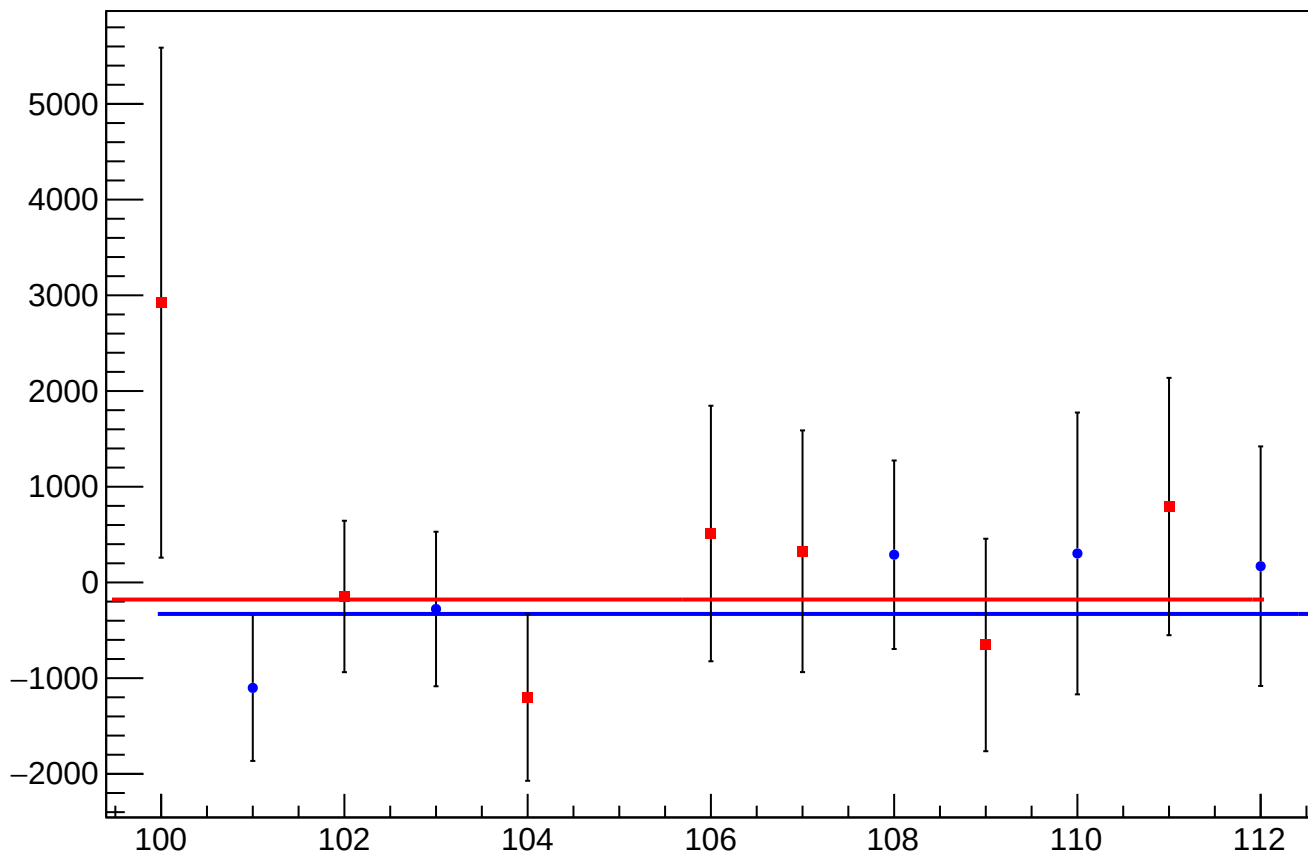
Right: 716.458+/-0.222 χ^2/NDF : 234270.3/11

In: 704.416+/-0.317 χ^2/NDF : 133175.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 716.458+/-0.222 χ^2/NDF : 234270.3/11

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -329.051+/-431.001 χ^2 /NDF: 1.8/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -178.548+/-422.287 χ^2 /NDF: 3.9/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

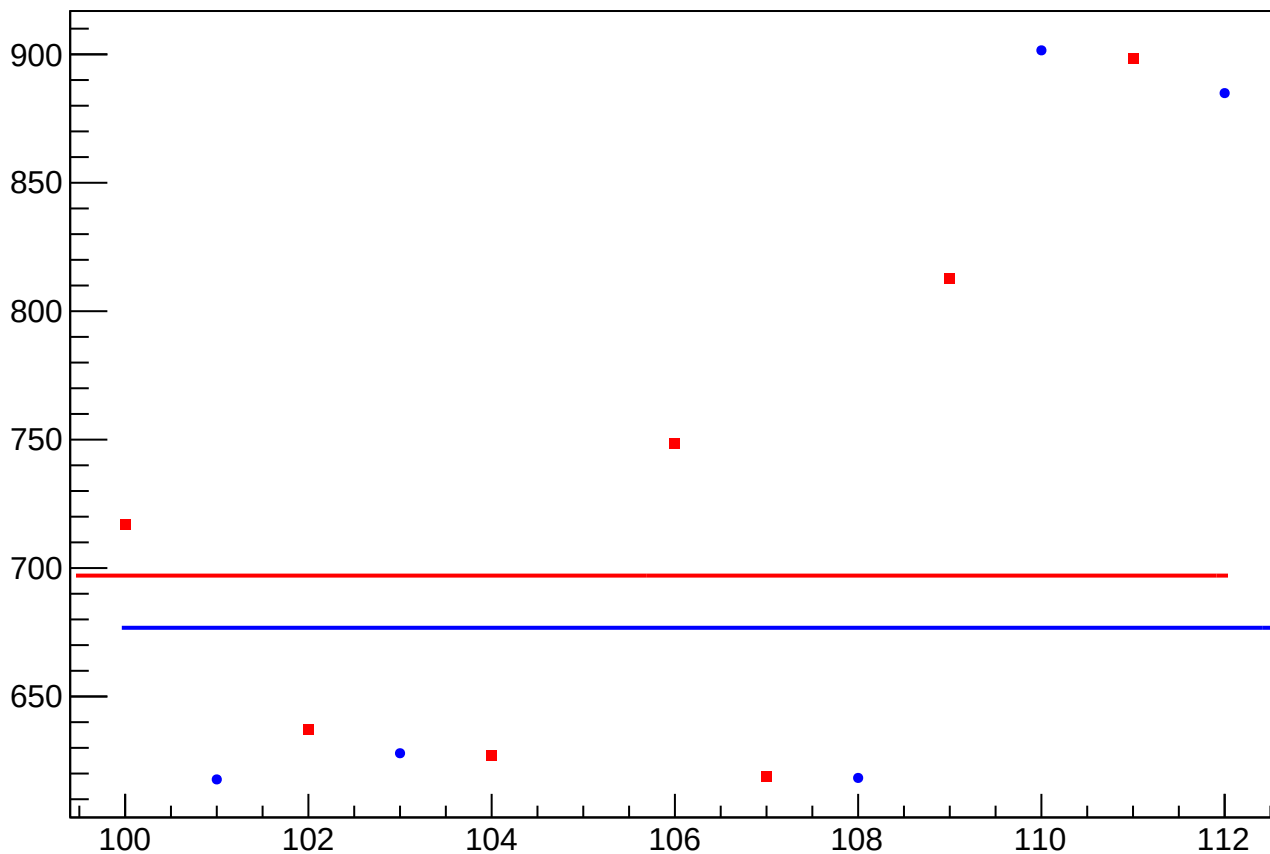
Right: -252.263+/-301.636 χ^2 /NDF: 5.7/11

In: -329.051+/-431.001 χ^2 /NDF:1.8/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -252.263+/-301.636 χ^2 /NDF: 5.7/11

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 676.749+/-0.305 χ^2/NDF : 128307.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 697.065+/-0.299 χ^2/NDF : 101755.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

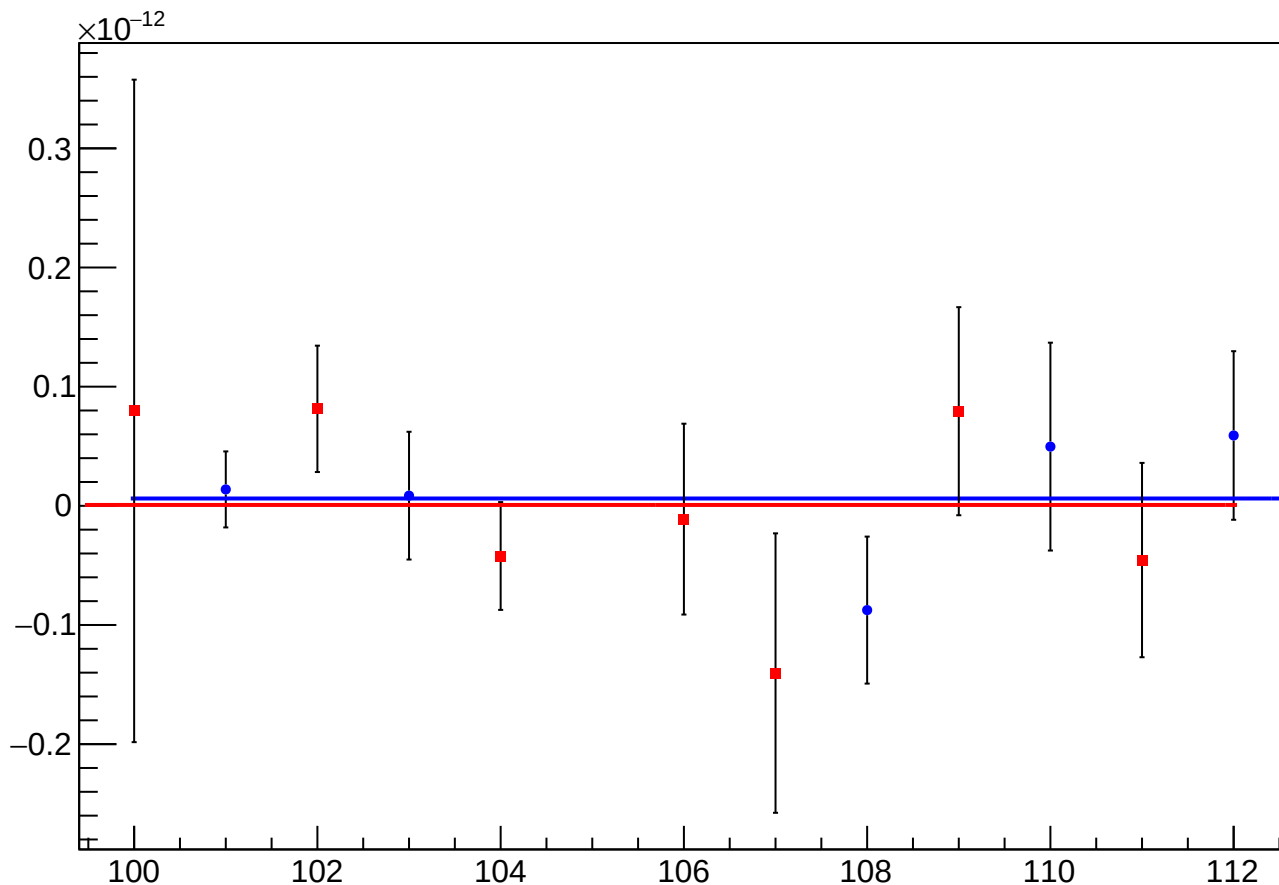
Right: 687.114+/-0.213 χ^2/NDF : 232330.2/11

In: 676.749+/-0.305 χ^2/NDF : 128307.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 687.114+/-0.213 χ^2/NDF : 232330.2/11

asym_sam_37_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

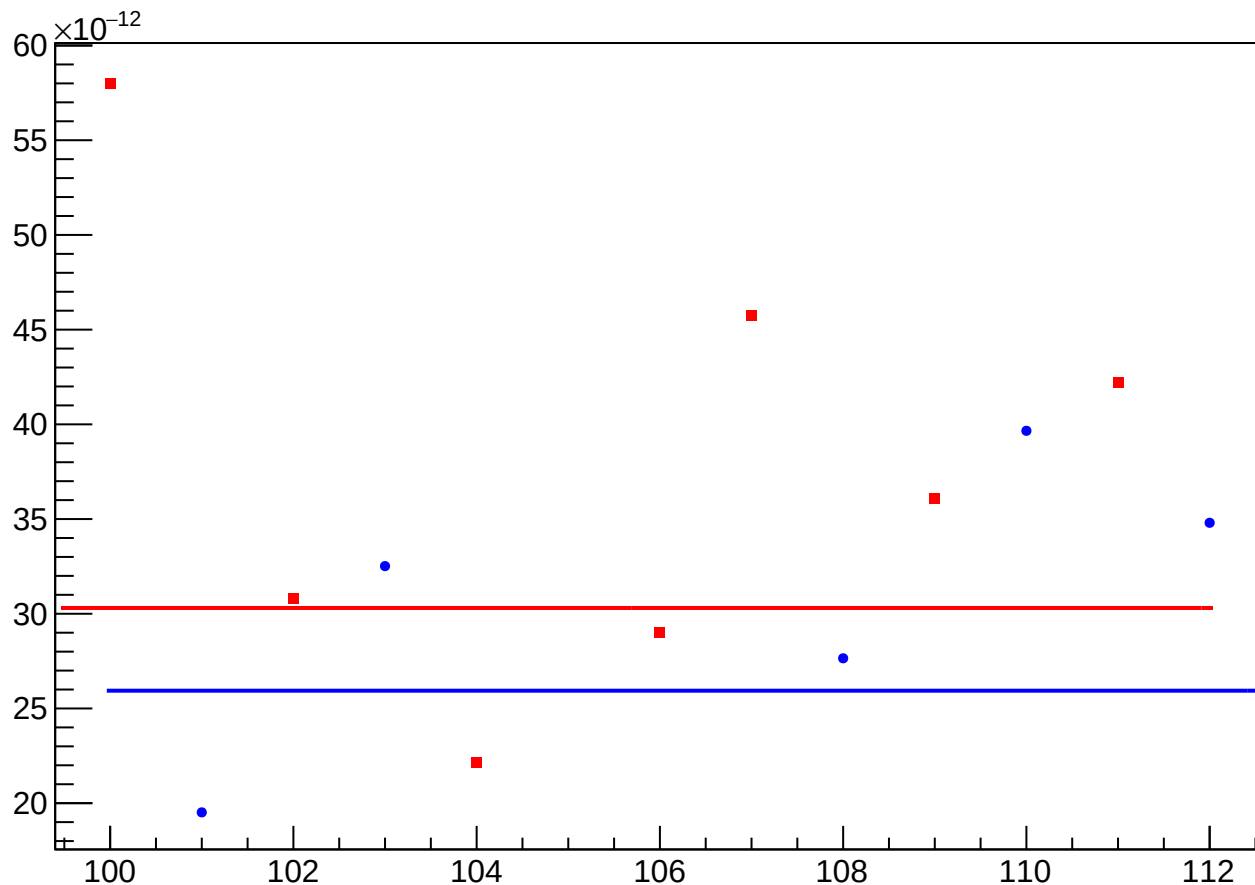
Right: 0.000+/-0.000 χ^2/NDF : 9.1/11

In: 0.000+/-0.000 χ^2/NDF : 3.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.1/11

asym_sam_37_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 193683.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 171625.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

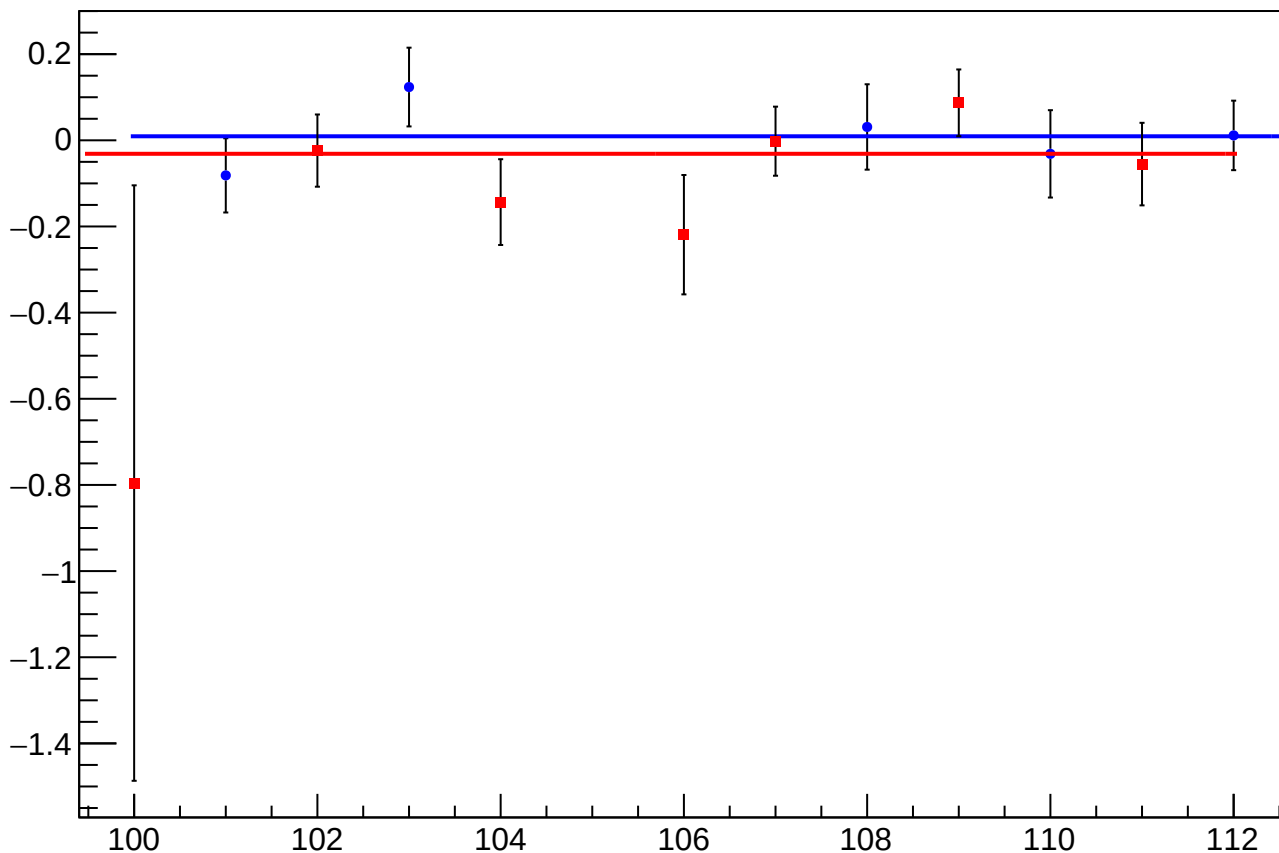
Right: 0.000+/-0.000 χ^2/NDF : 395811.6/11

In: 0.000+/-0.000 χ^2/NDF : 193683.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 395811.6/11

asym_sam_37_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.041 χ^2/NDF : 2.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.031+/-0.037 χ^2/NDF : 6.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

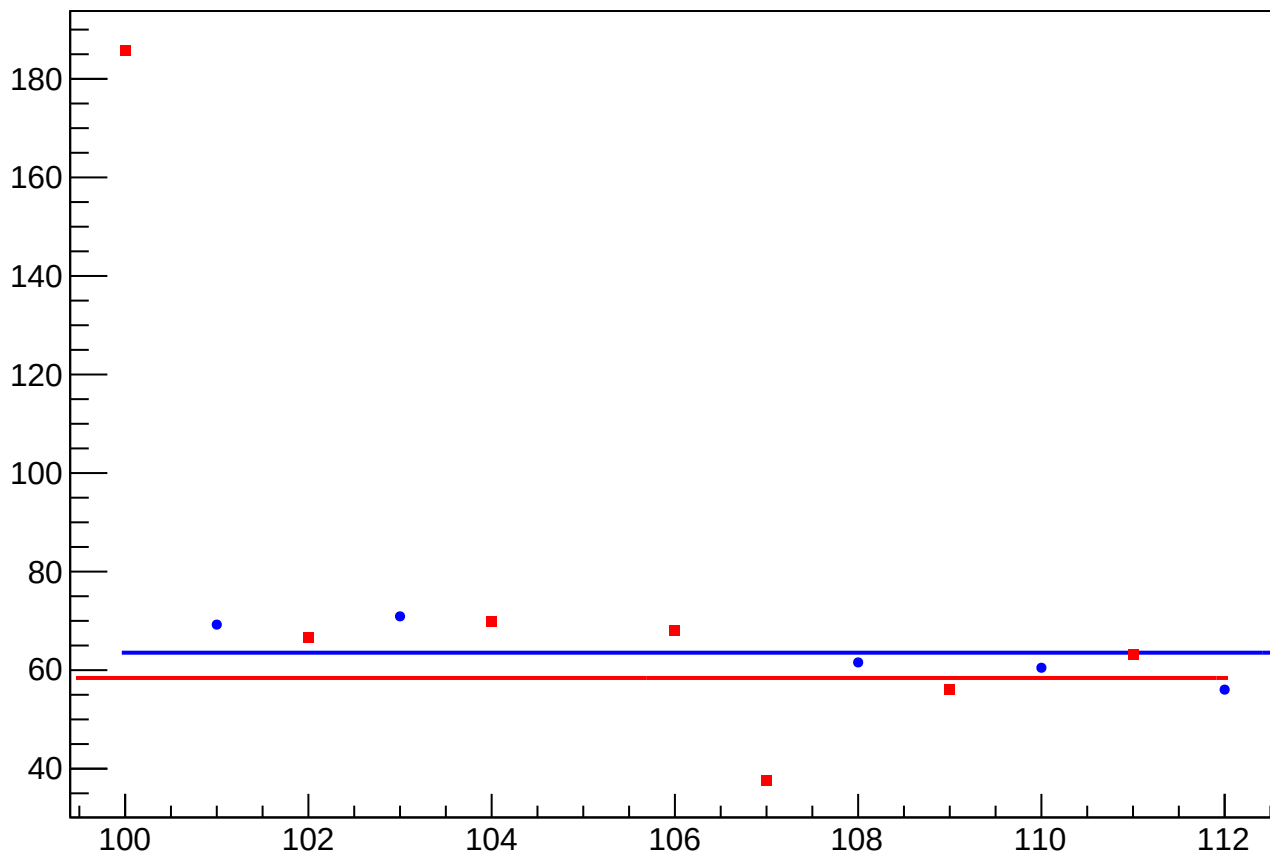
Right: -0.013+/-0.027 χ^2/NDF : 10.3/11

In: 0.009+/-0.041 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.013+/-0.027 χ^2/NDF : 10.3/11

asym_sam_37_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.544+/-0.029 χ^2/NDF : 41657.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.412+/-0.026 χ^2/NDF : 265706.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

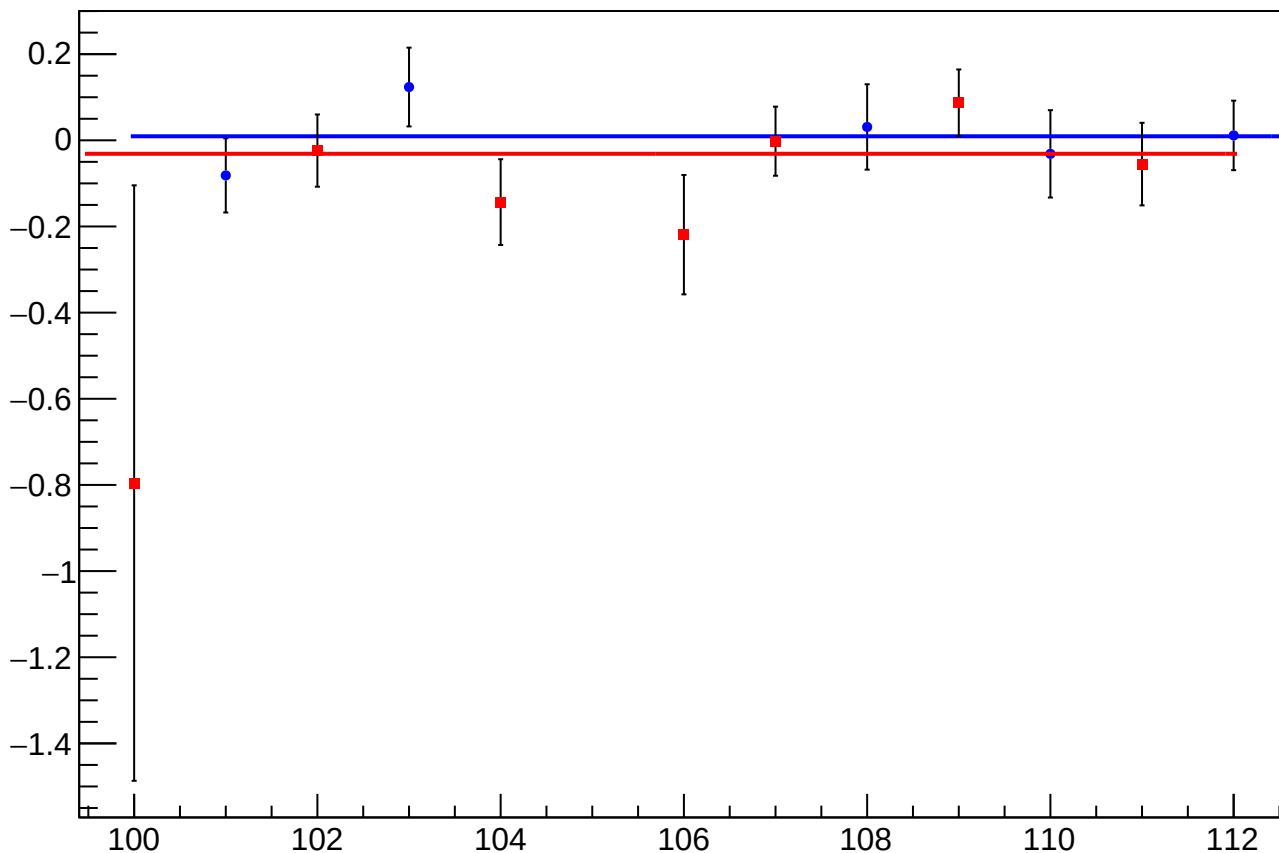
Right: 60.745+/-0.019 χ^2/NDF : 324802.6/11

In: 63.544+/-0.029 χ^2/NDF : 41657.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.745+/-0.019 χ^2/NDF : 324802.6/11

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.041 χ^2 /NDF: 2.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.031 $\pm$ 0.037 χ^2 /NDF: 6.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

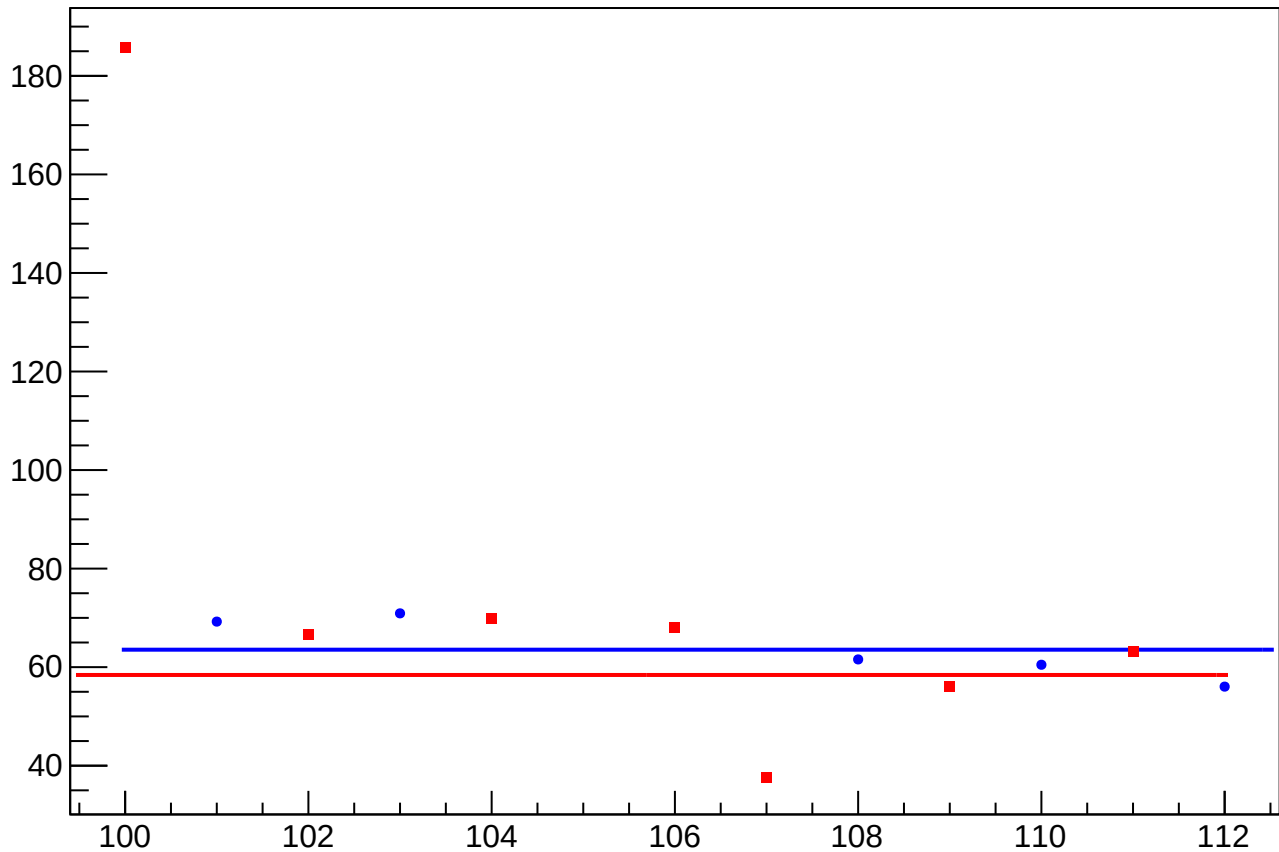
Right: -0.013 $\pm$ 0.027 χ^2 /NDF: 10.3/11

In: 0.009 $\pm$ 0.041 χ^2 /NDF:2.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.027 χ^2 /NDF: 10.3/11

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.544+/-0.029 χ^2/NDF : 41657.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.412+/-0.026 χ^2/NDF : 265706.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

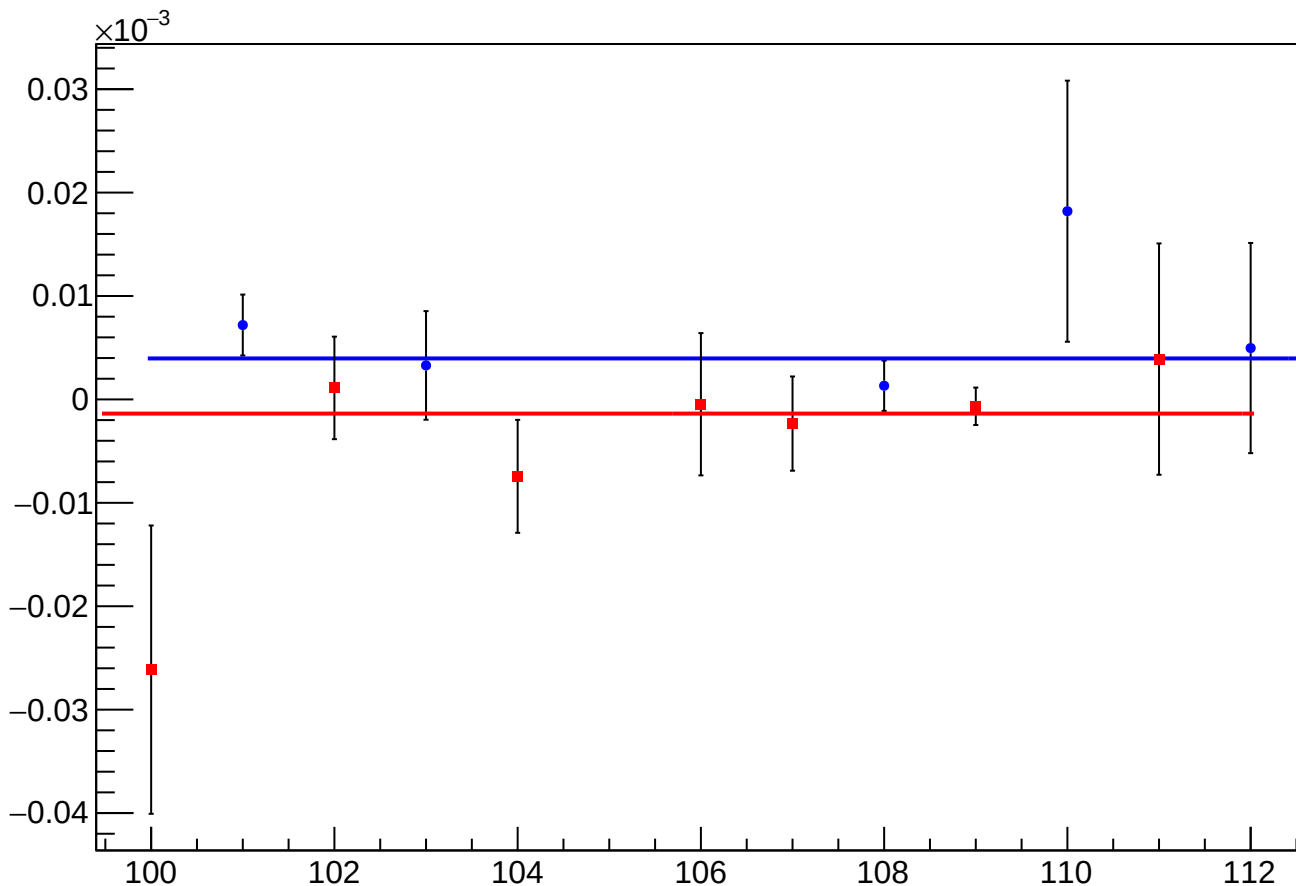
Right: 60.745+/-0.019 χ^2/NDF : 324802.6/11

In: 63.544+/-0.029 χ^2/NDF : 41657.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.745+/-0.019 χ^2/NDF : 324802.6/11

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

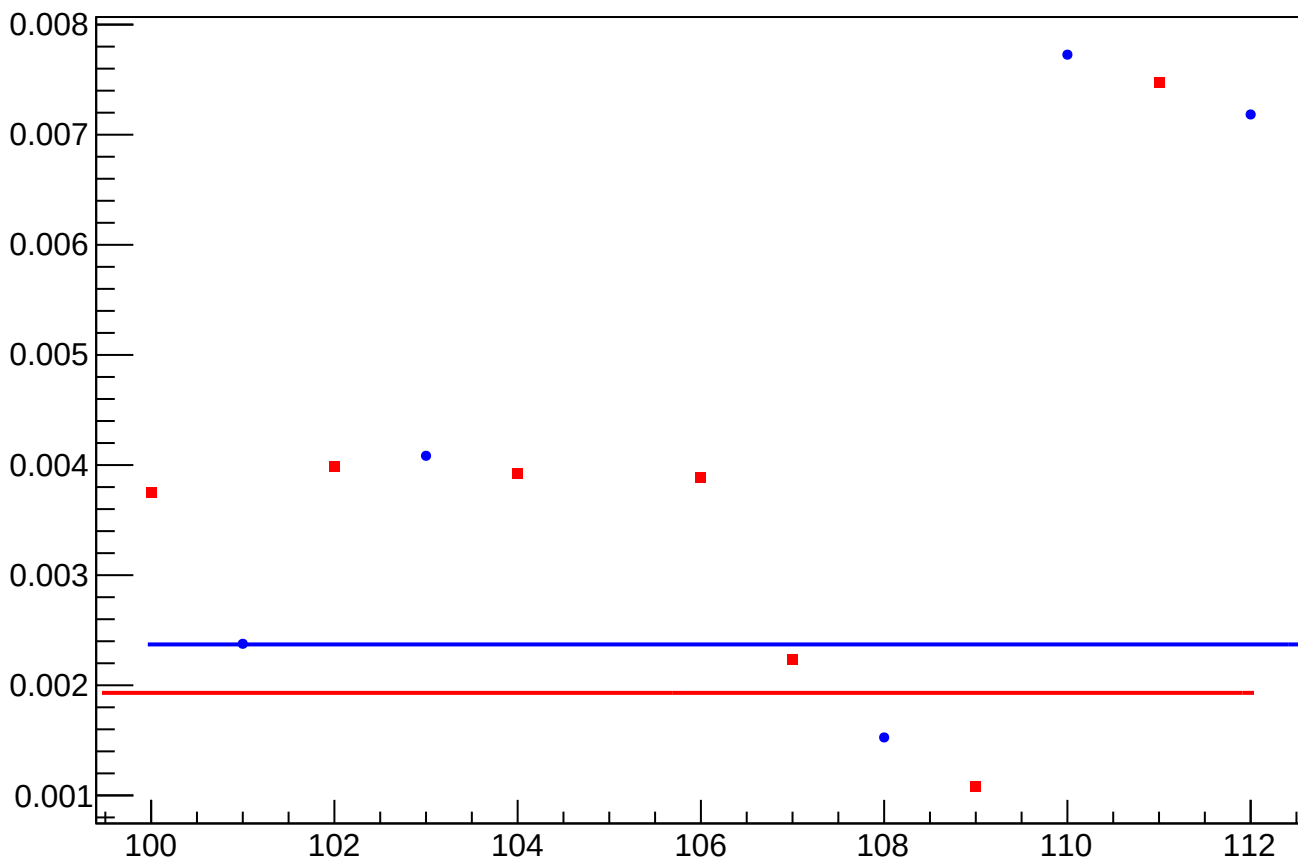
Right: 0.000+/-0.000 χ^2/NDF : 14.3/11

In: 0.000+/-0.000 χ^2/NDF : 3.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.3/11

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1263002.6/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1748552.5/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

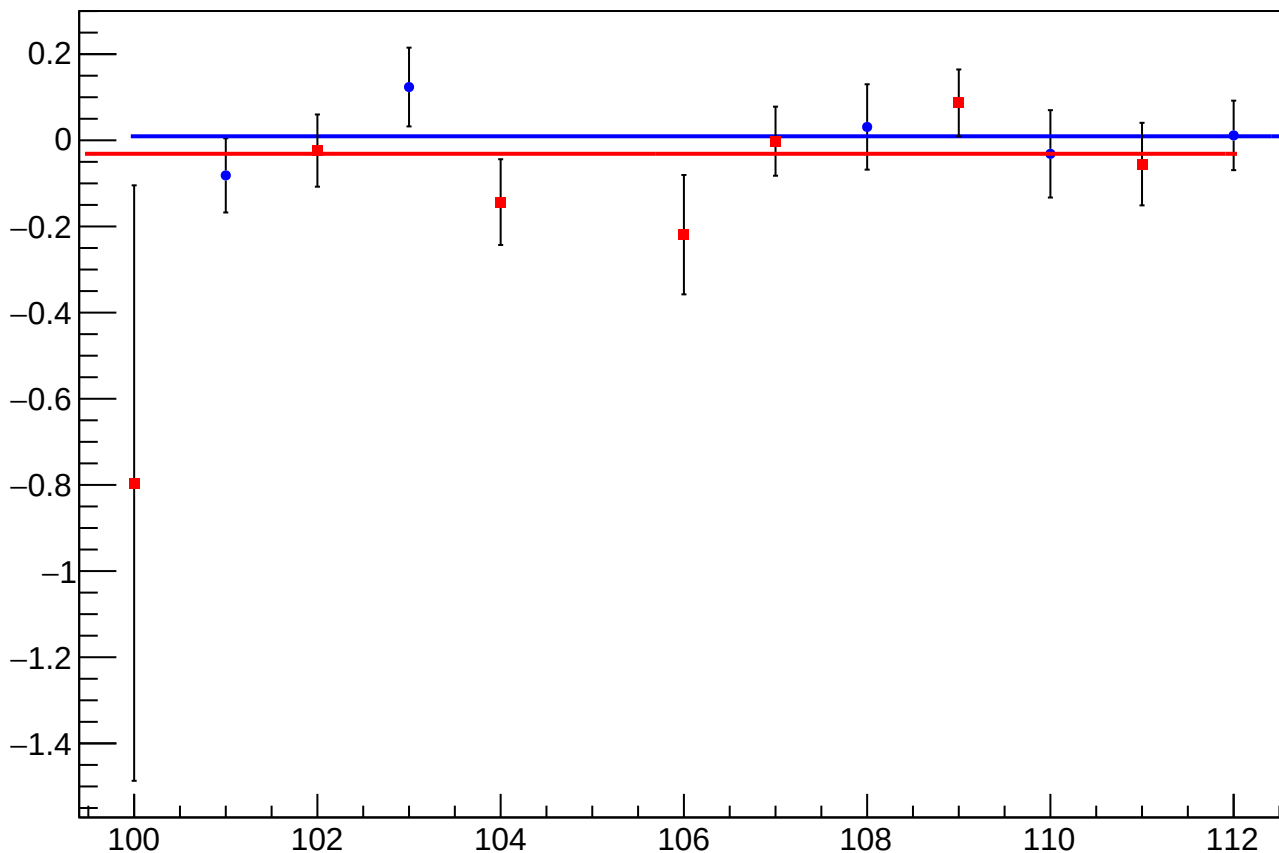
Right: 0.002+/-0.000 χ^2/NDF : 3086939.2/11

In: 0.002+/-0.000 χ^2/NDF :1263002.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3086939.2/11

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.041 χ^2/NDF : 2.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.031+/-0.037 χ^2/NDF : 6.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

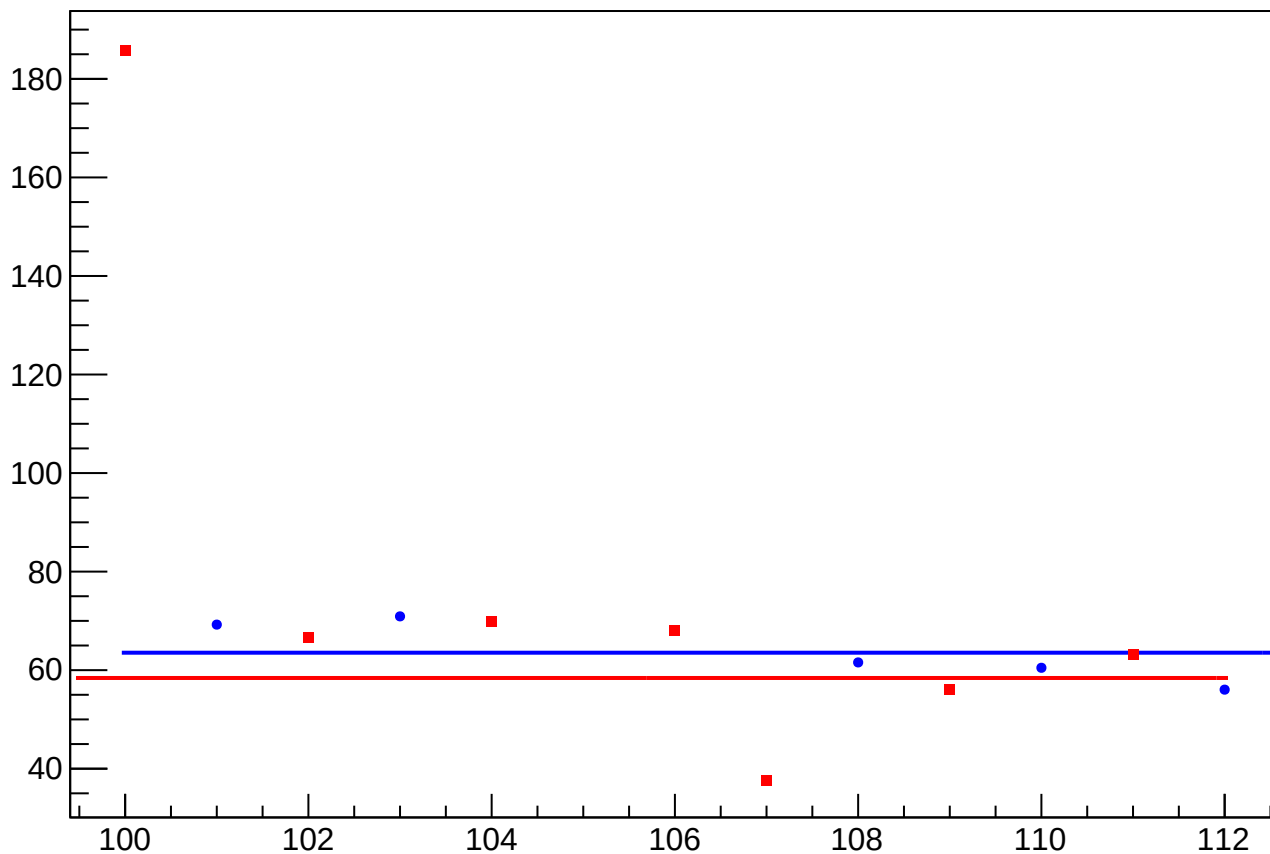
Right: -0.013+/-0.027 χ^2/NDF : 10.3/11

In: 0.009+/-0.041 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.013+/-0.027 χ^2/NDF : 10.3/11

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.541+/-0.029 χ^2/NDF : 41684.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.411+/-0.026 χ^2/NDF : 265682.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

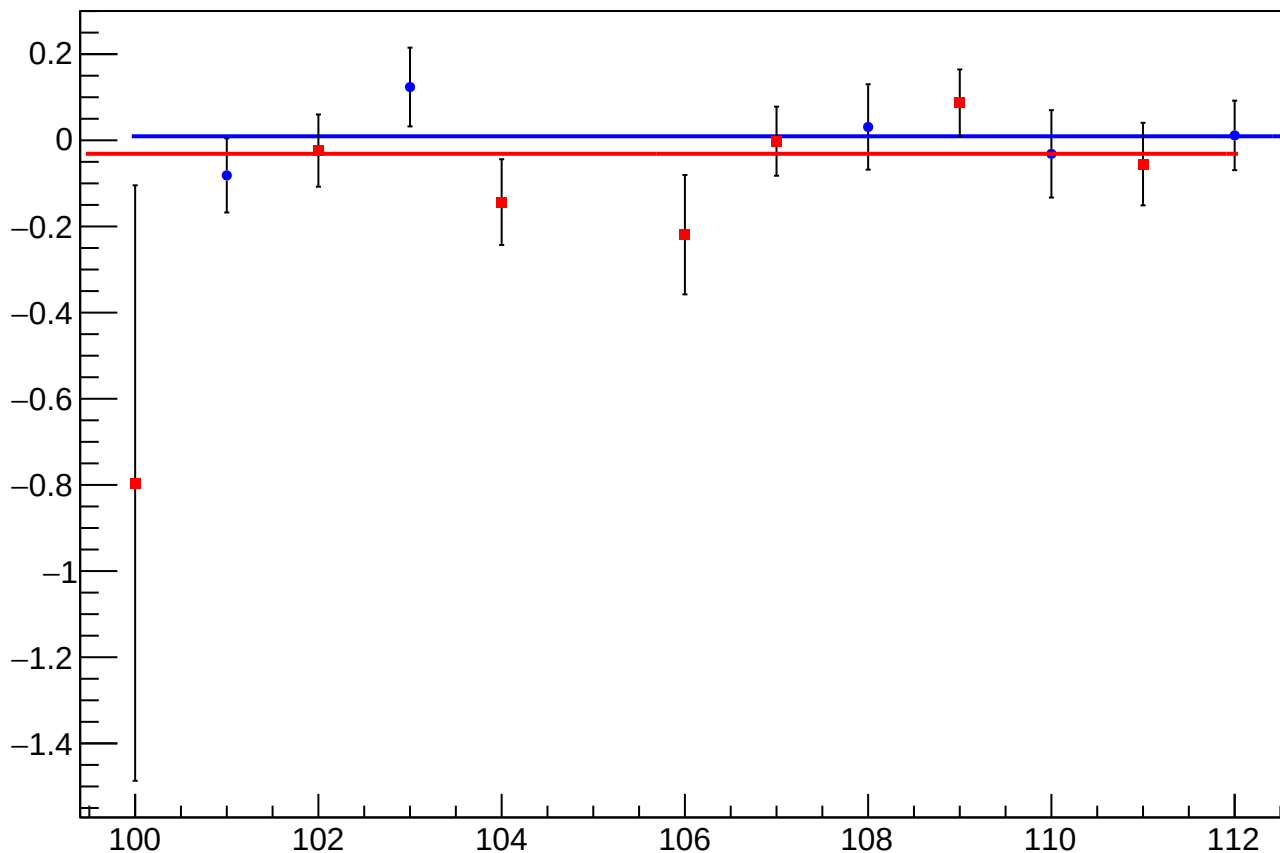
Right: 60.743+/-0.019 χ^2/NDF : 324796.3/11

In: 63.541+/-0.029 χ^2/NDF : 41684.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.743+/-0.019 χ^2/NDF : 324796.3/11

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.041 χ^2/NDF : 2.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.031+/-0.037 χ^2/NDF : 6.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

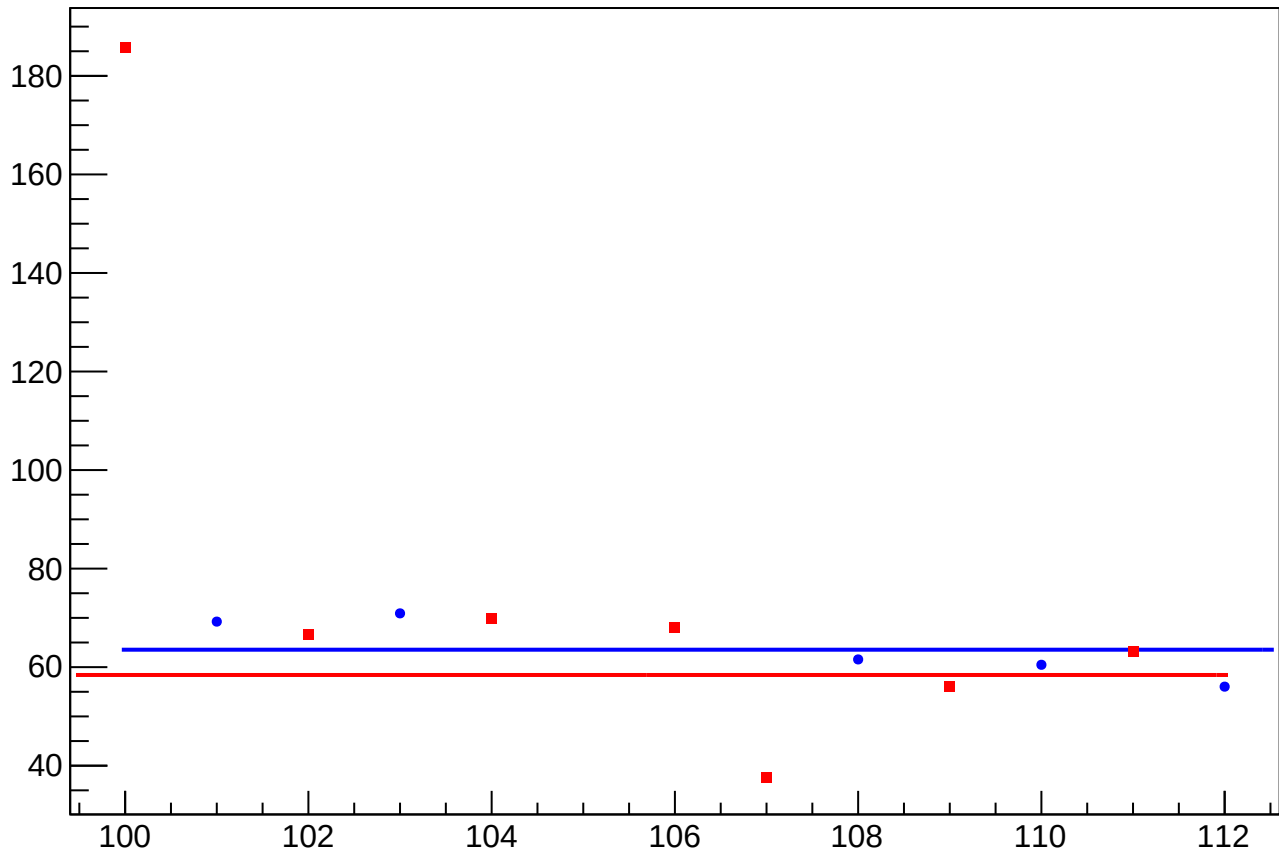
Right: -0.013+/-0.027 χ^2/NDF : 10.3/11

In: 0.009+/-0.041 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.013+/-0.027 χ^2/NDF : 10.3/11

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.541+/-0.029 χ^2/NDF : 41684.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.411+/-0.026 χ^2/NDF : 265682.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

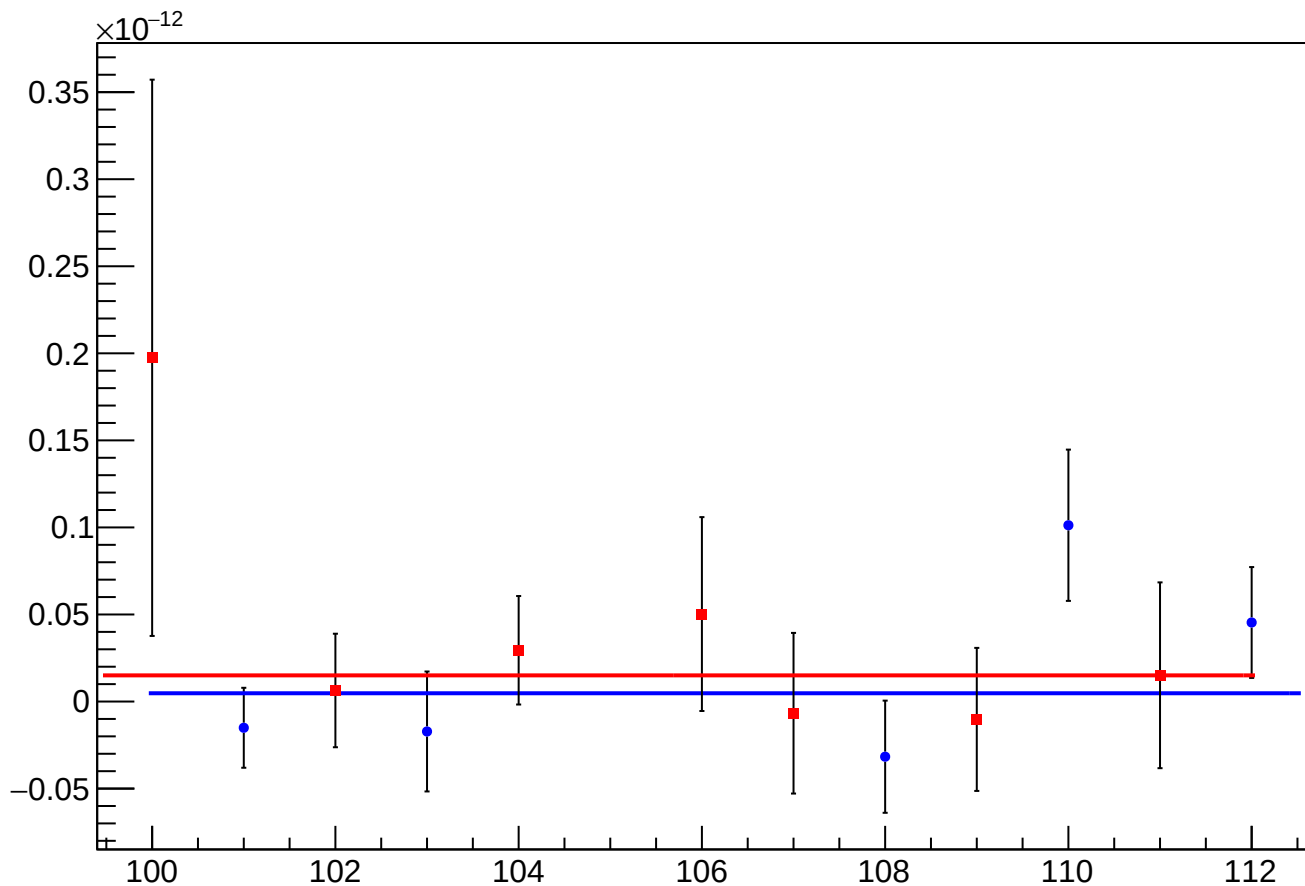
Right: 60.743+/-0.019 χ^2/NDF : 324796.3/11

In: 63.541+/-0.029 χ^2/NDF : 41684.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.743+/-0.019 χ^2/NDF : 324796.3/11

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

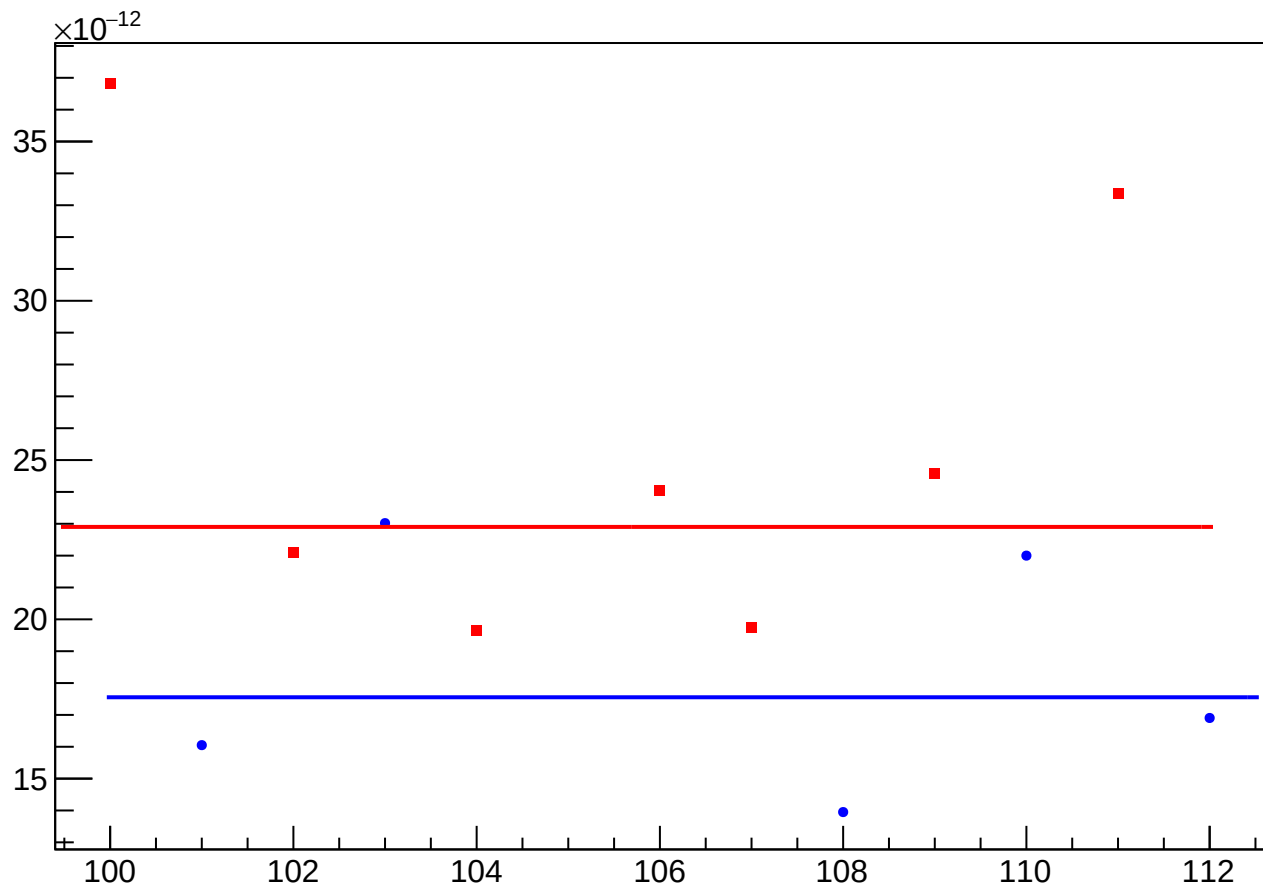
Right: 0.000+/-0.000 χ^2/NDF : 11.8/11

In: 0.000+/-0.000 χ^2/NDF : 9.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.8/11

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 105767.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 128450.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

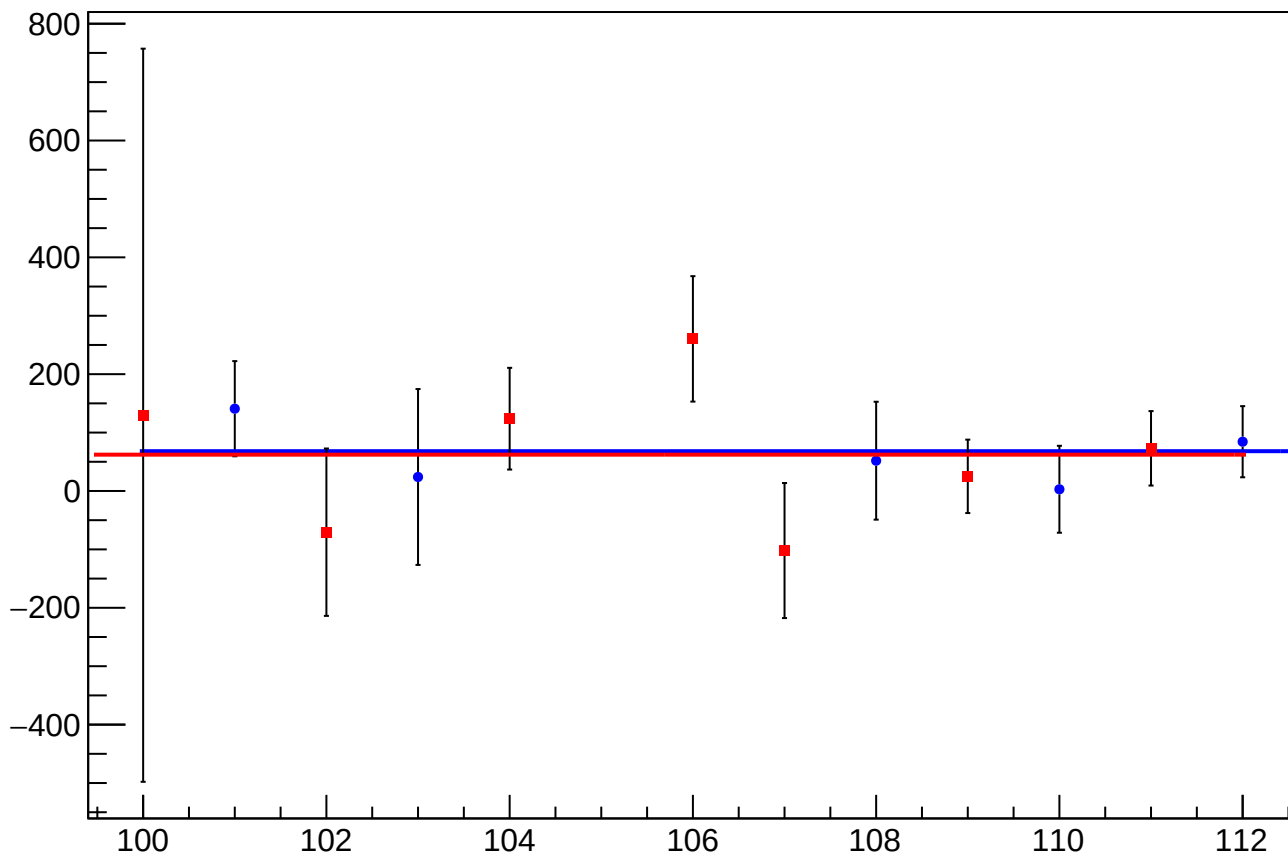
Right: 0.000+/-0.000 χ^2/NDF : 358979.9/11

In: 0.000+/-0.000 χ^2/NDF : 105767.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 358979.9/11

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 68.137+/-36.681 χ^2/NDF : 1.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.190+/-34.417 χ^2/NDF : 7.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

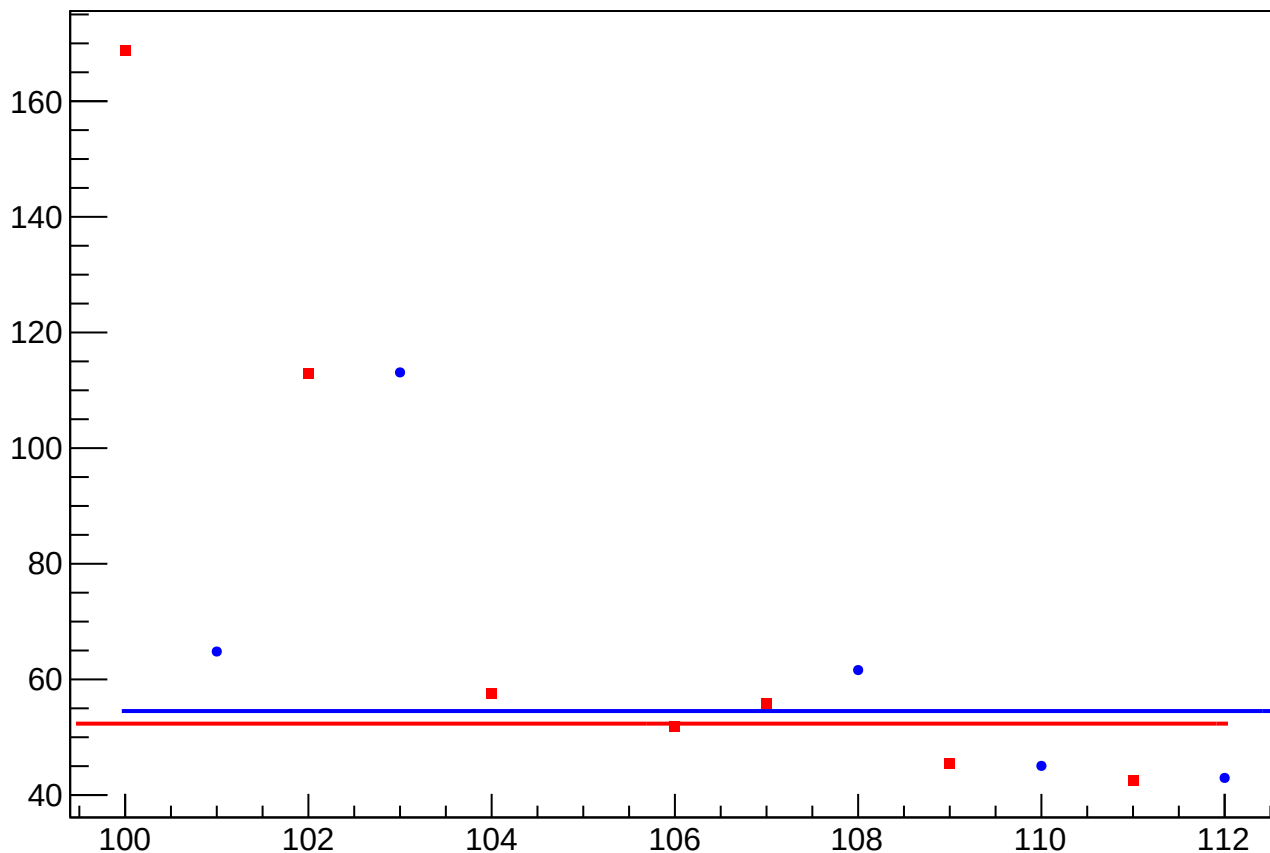
Right: 64.974+/-25.099 χ^2/NDF : 8.9/11

In: 68.137+/-36.681 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.974+/-25.099 χ^2/NDF : 8.9/11

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 54.531+/-0.026 χ^2/NDF : 449046.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.355+/-0.024 χ^2/NDF : 507218.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

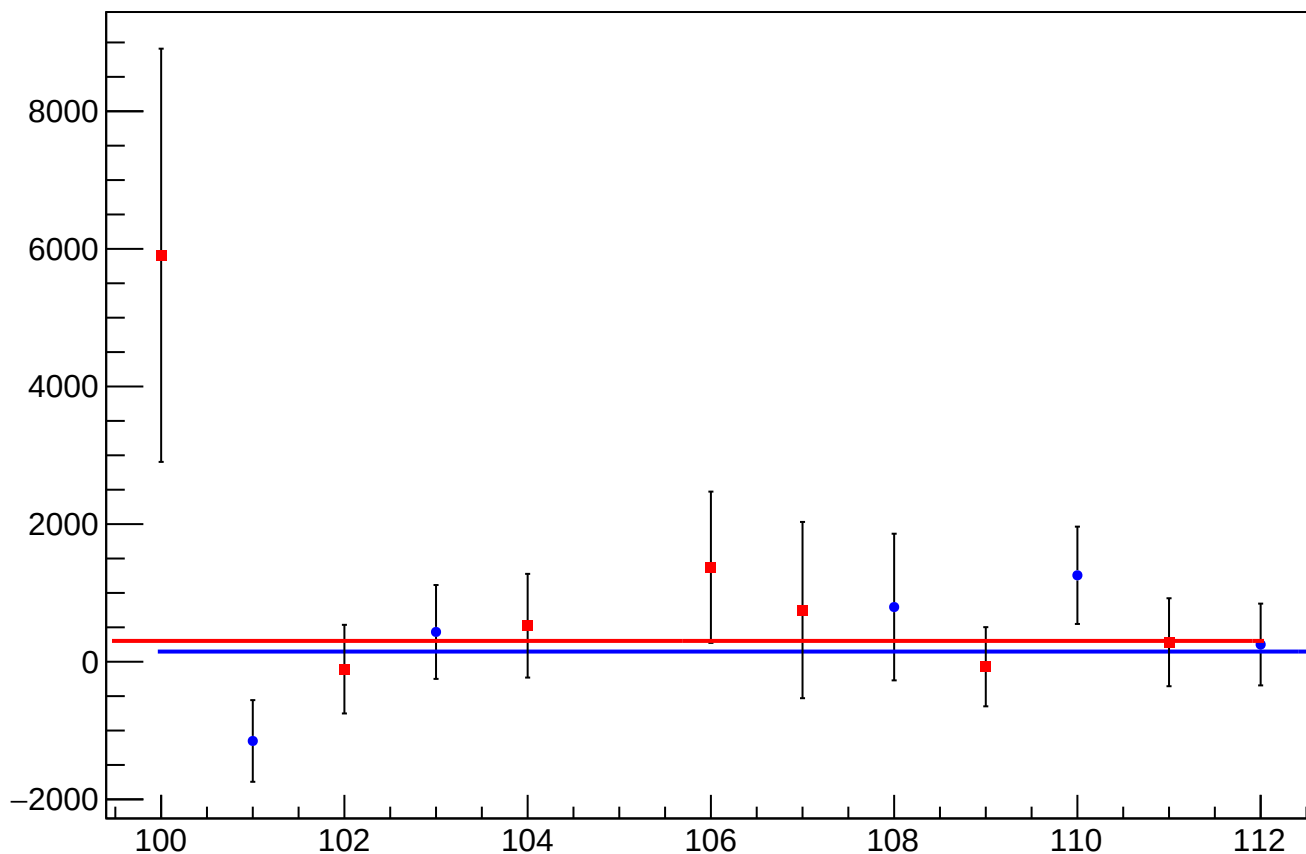
Right: 53.373+/-0.018 χ^2/NDF : 960007.0/11

In: 54.531+/-0.026 χ^2/NDF : 449046.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.373+/-0.018 χ^2/NDF : 960007.0/11

asym_sam_1357_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 147.831+/-305.701 χ^2/NDF : 7.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 302.545+/-298.968 χ^2/NDF : 5.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

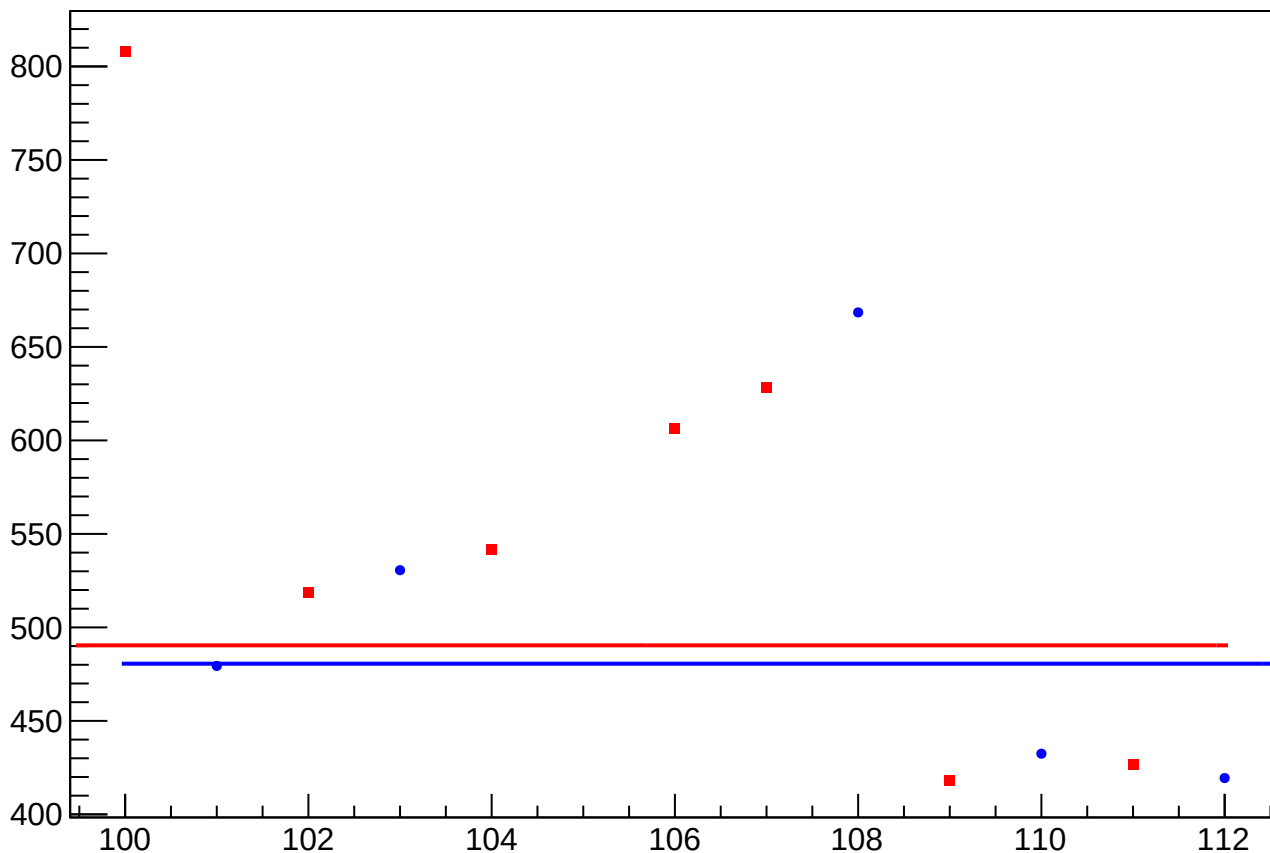
Right: 226.911+/-213.743 χ^2/NDF : 13.4/11

In: 147.831+/-305.701 χ^2/NDF : 7.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 226.911+/-213.743 χ^2/NDF : 13.4/11

asym_sam_1357_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 480.588+/-0.216 χ^2/NDF : 103381.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 490.394+/-0.211 χ^2/NDF : 132039.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

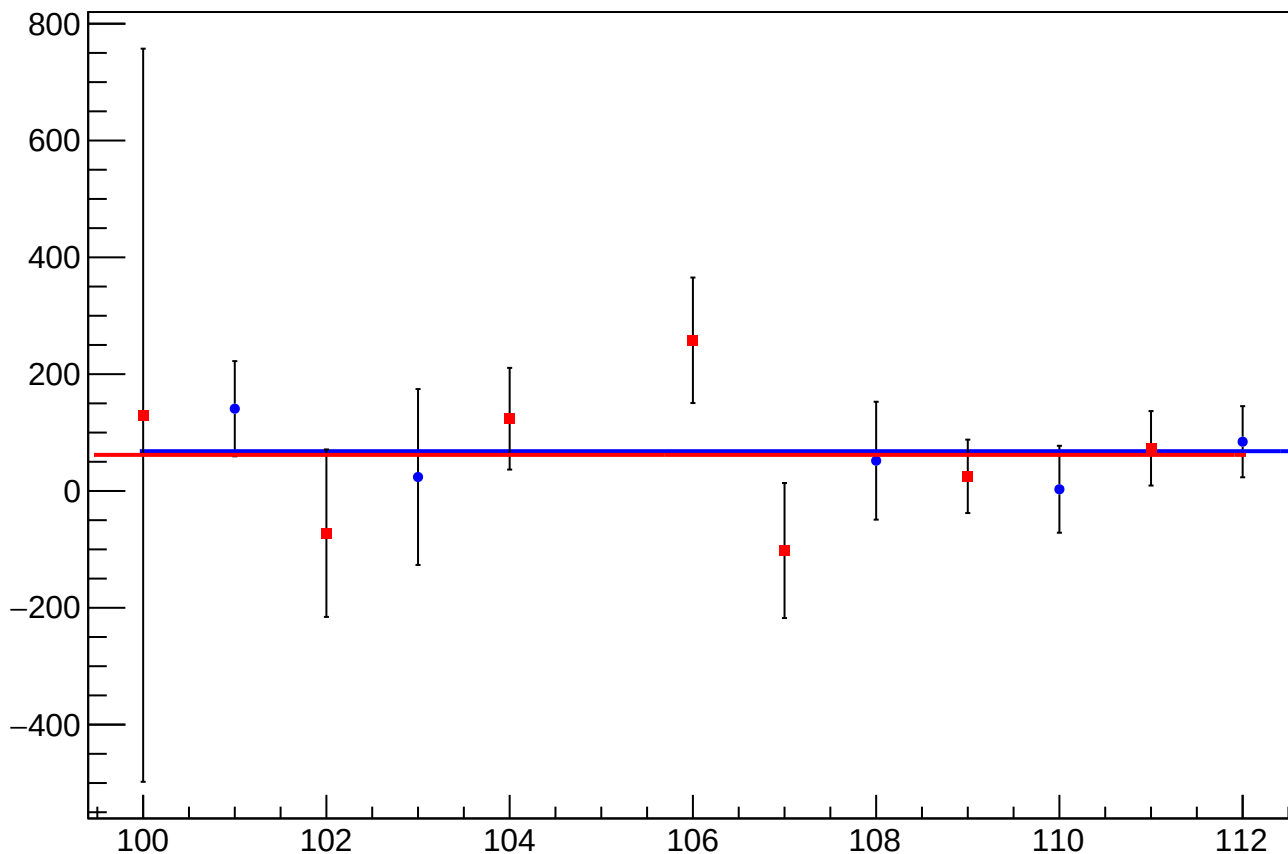
Right: 485.600+/-0.151 χ^2/NDF : 236472.7/11

In: 480.588+/-0.216 χ^2/NDF : 103381.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 485.600+/-0.151 χ^2/NDF : 236472.7/11

cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 68.131+/-36.682 χ^2/NDF : 1.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.833+/-34.420 χ^2/NDF : 7.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

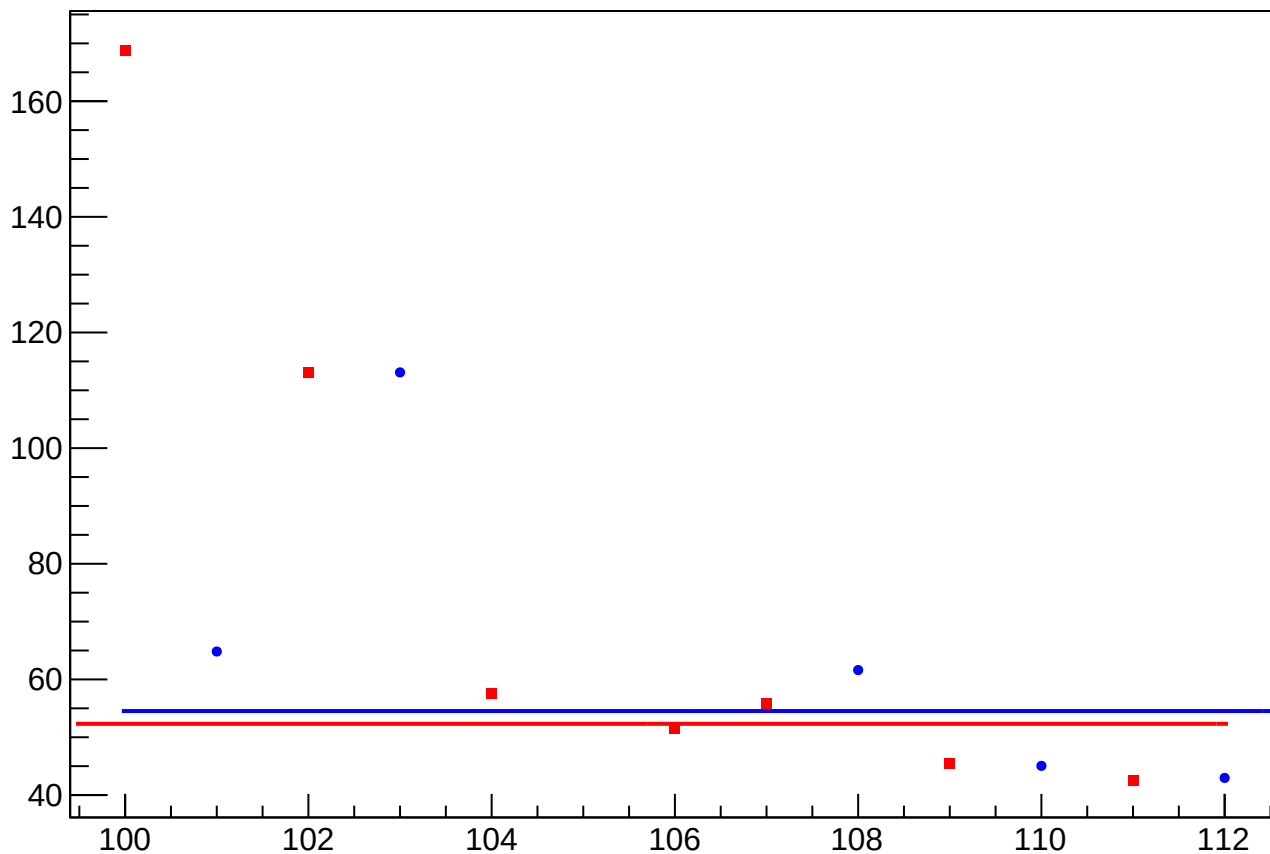
Right: 64.782+/-25.100 χ^2/NDF : 8.9/11

In: 68.131+/-36.682 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.782+/-25.100 χ^2/NDF : 8.9/11

cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 54.531+/-0.026 χ^2/NDF : 449048.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.323+/-0.024 χ^2/NDF : 507522.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

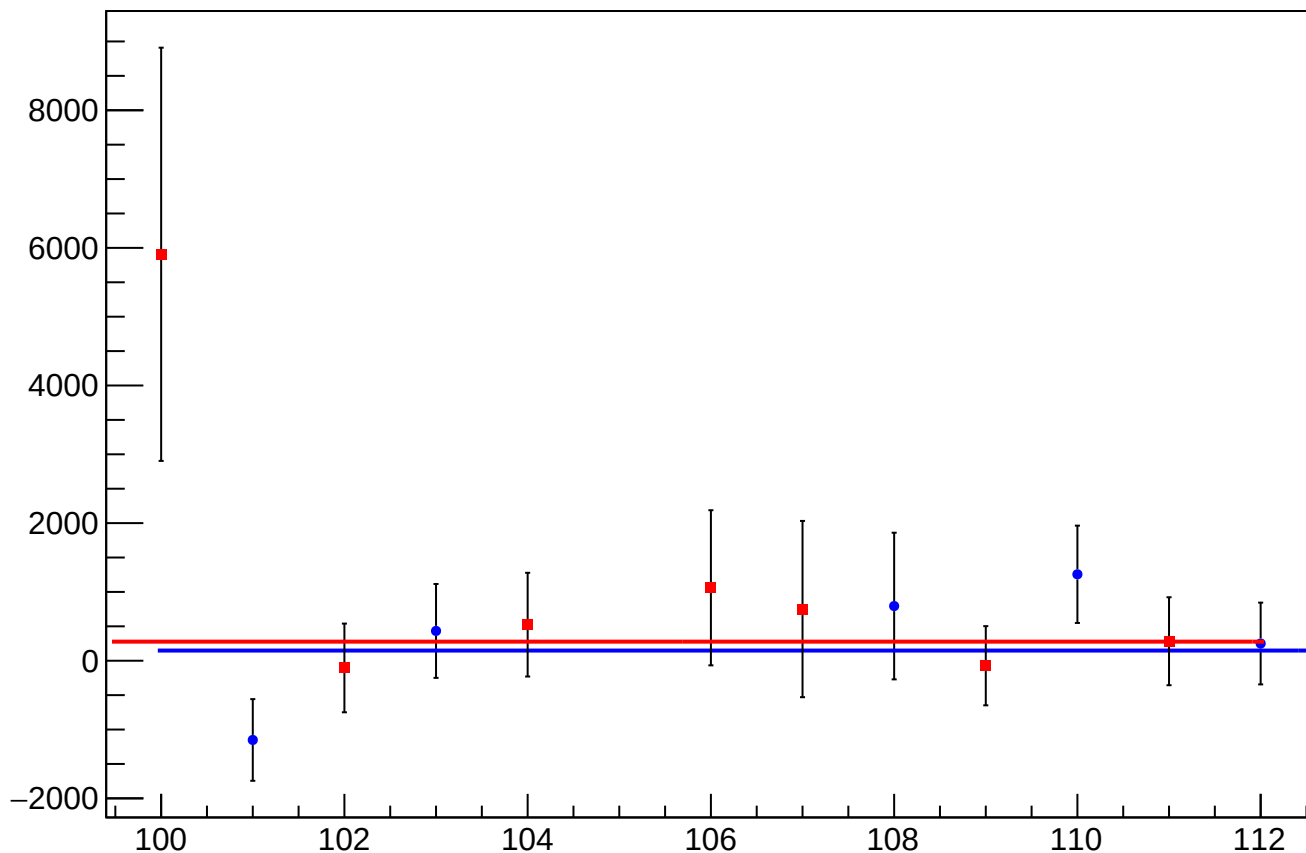
Right: 53.357+/-0.018 χ^2/NDF : 960423.1/11

In: 54.531+/-0.026 χ^2/NDF : 449048.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.357+/-0.018 χ^2/NDF : 960423.1/11

asym_sam_1357_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 147.887+/-305.708 χ^2/NDF : 7.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 277.444+/-299.577 χ^2/NDF : 5.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

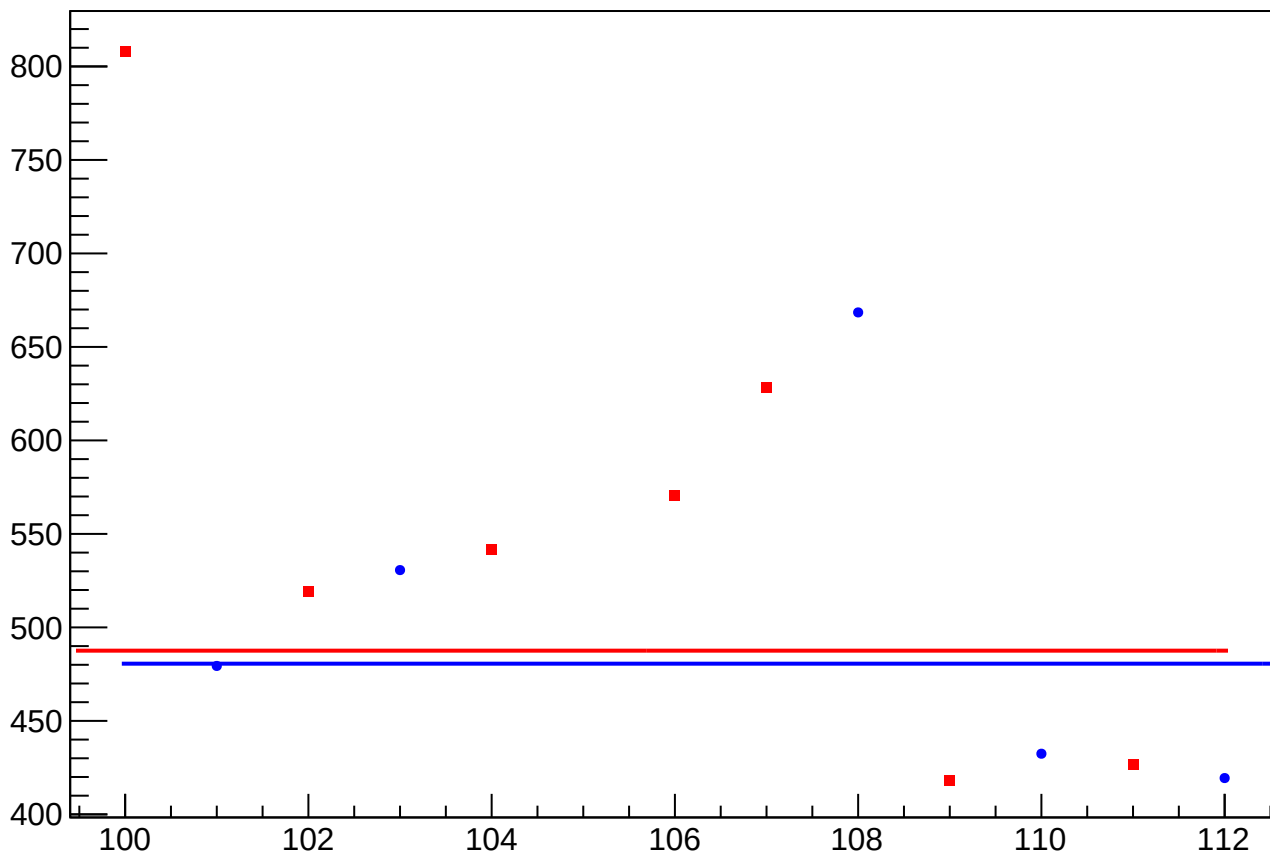
Right: 213.978+/-213.968 χ^2/NDF : 12.9/11

In: 147.887+/-305.708 χ^2/NDF : 7.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 213.978+/-213.968 χ^2/NDF : 12.9/11

asym_sam_1357_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 480.598+/-0.216 χ^2/NDF : 103402.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 487.558+/-0.212 χ^2/NDF : 119950.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

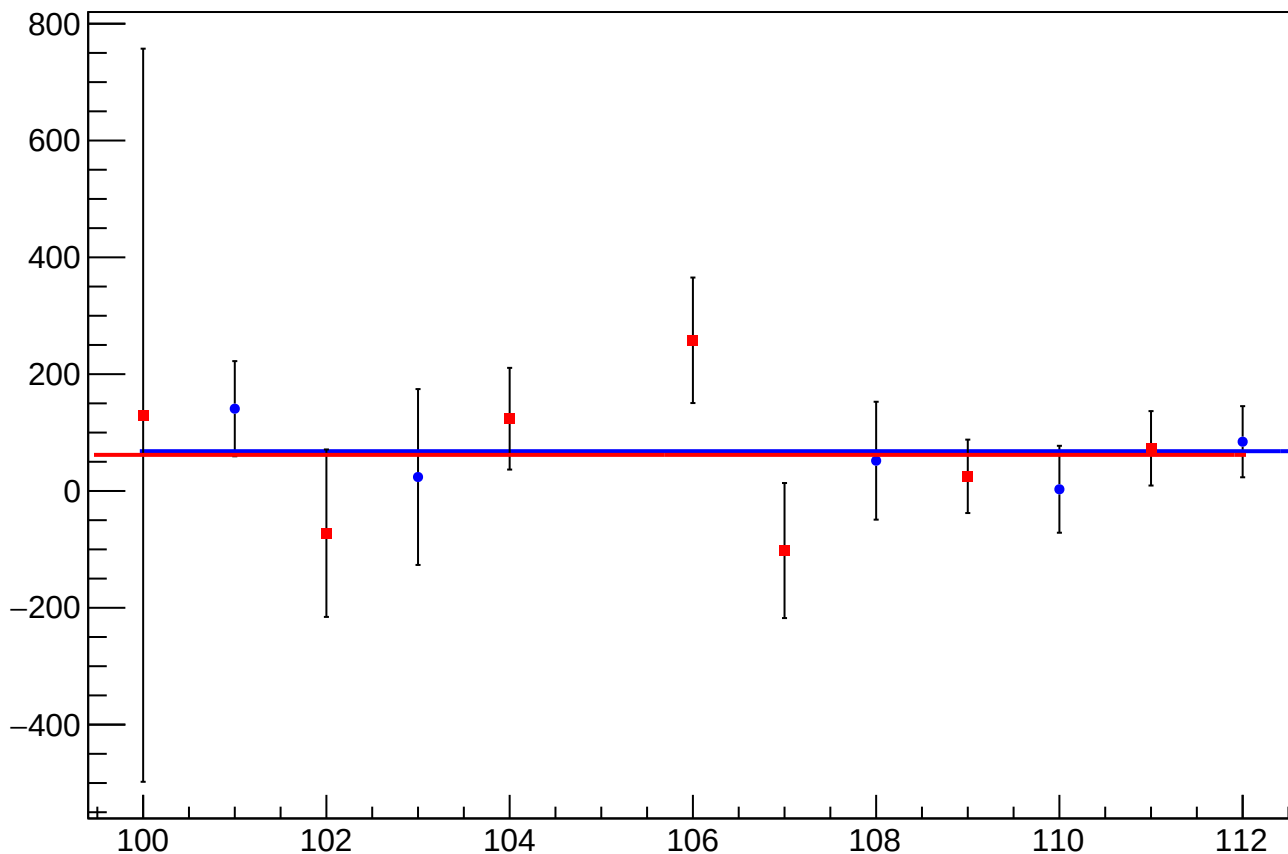
Right: 484.148+/-0.151 χ^2/NDF : 223882.3/11

In: 480.598+/-0.216 χ^2/NDF : 103402.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 484.148+/-0.151 χ^2/NDF : 223882.3/11

eigen_cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 68.131+/-36.682 χ^2/NDF : 1.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.833+/-34.420 χ^2/NDF : 7.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

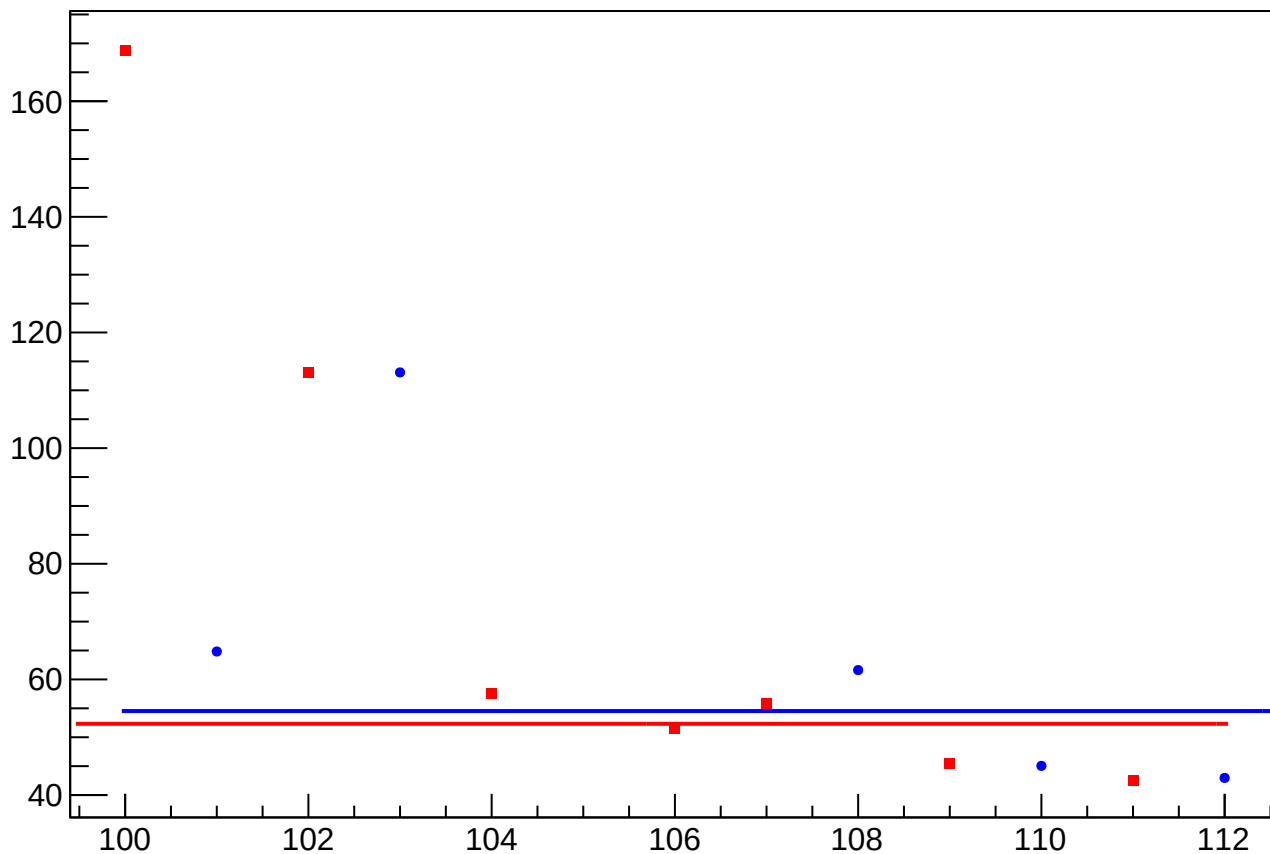
Right: 64.782+/-25.100 χ^2/NDF : 8.9/11

In: 68.131+/-36.682 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.782+/-25.100 χ^2/NDF : 8.9/11

eigen_cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 54.531+/-0.026 χ^2/NDF : 449048.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.323+/-0.024 χ^2/NDF : 507522.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

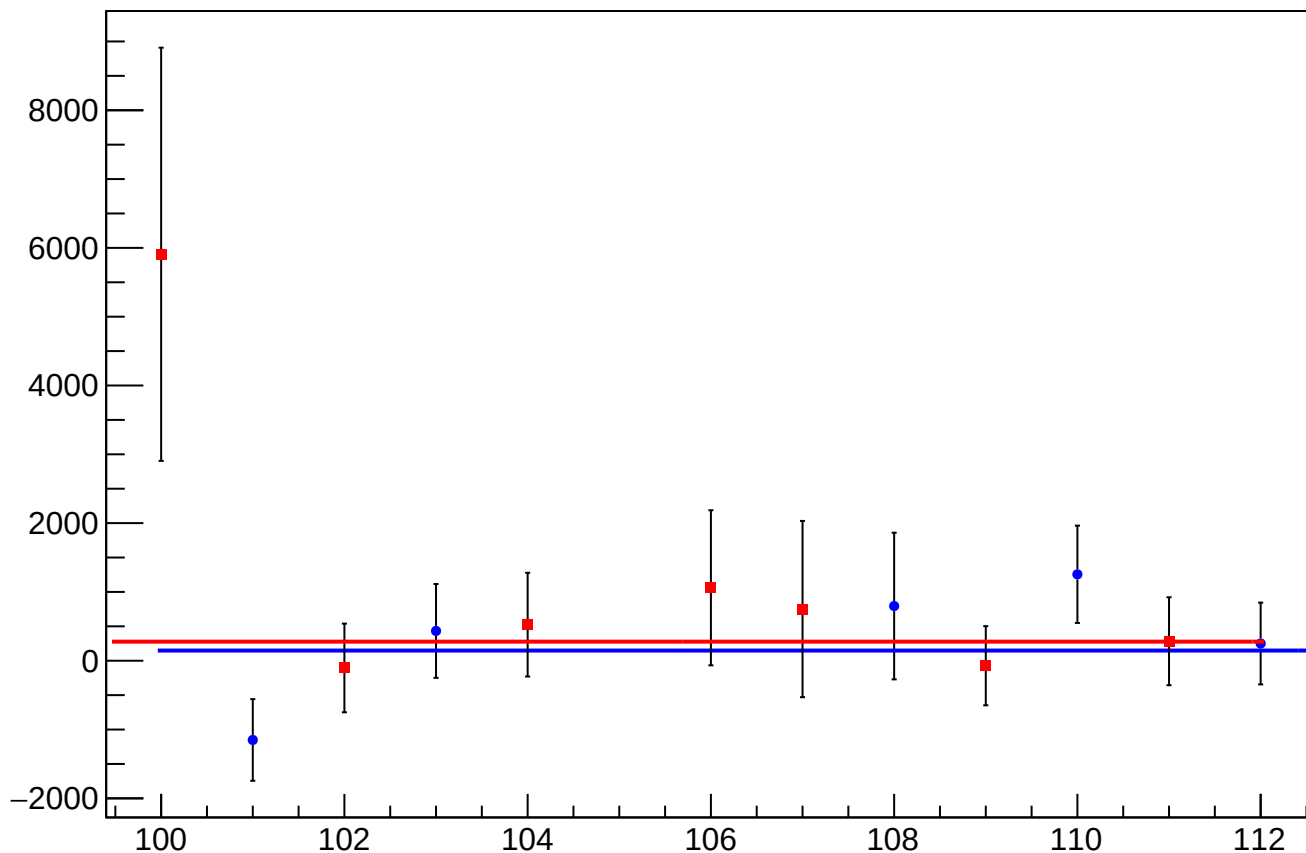
Right: 53.357+/-0.018 χ^2/NDF : 960423.1/11

In: 54.531+/-0.026 χ^2/NDF : 449048.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.357+/-0.018 χ^2/NDF : 960423.1/11

asym_sam_1357_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 147.887+/-305.708 χ^2/NDF : 7.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 277.444+/-299.577 χ^2/NDF : 5.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

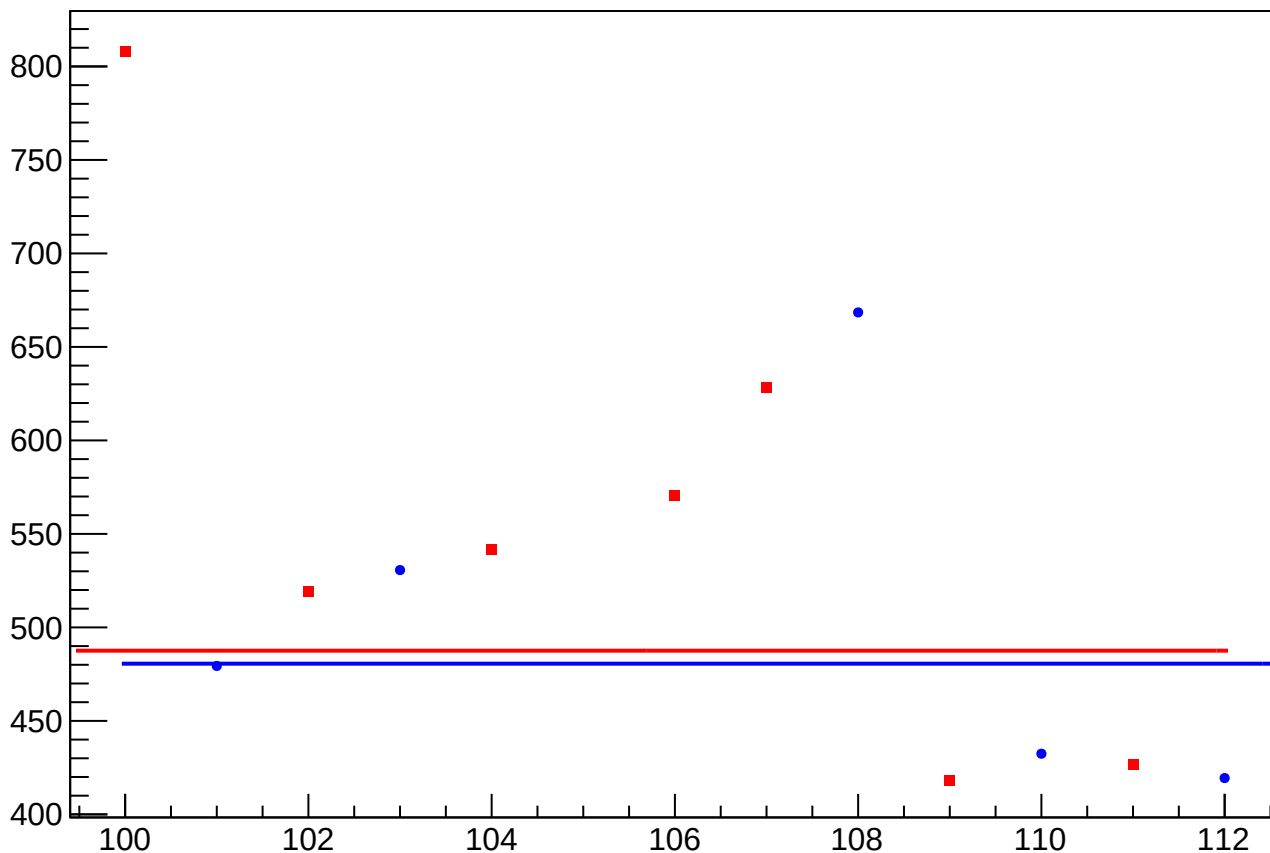
Right: 213.978+/-213.968 χ^2/NDF : 12.9/11

In: 147.887+/-305.708 χ^2/NDF : 7.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 213.978+/-213.968 χ^2/NDF : 12.9/11

asym_sam_1357_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 480.598+/-0.216 χ^2/NDF : 103402.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 487.558+/-0.212 χ^2/NDF : 119950.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

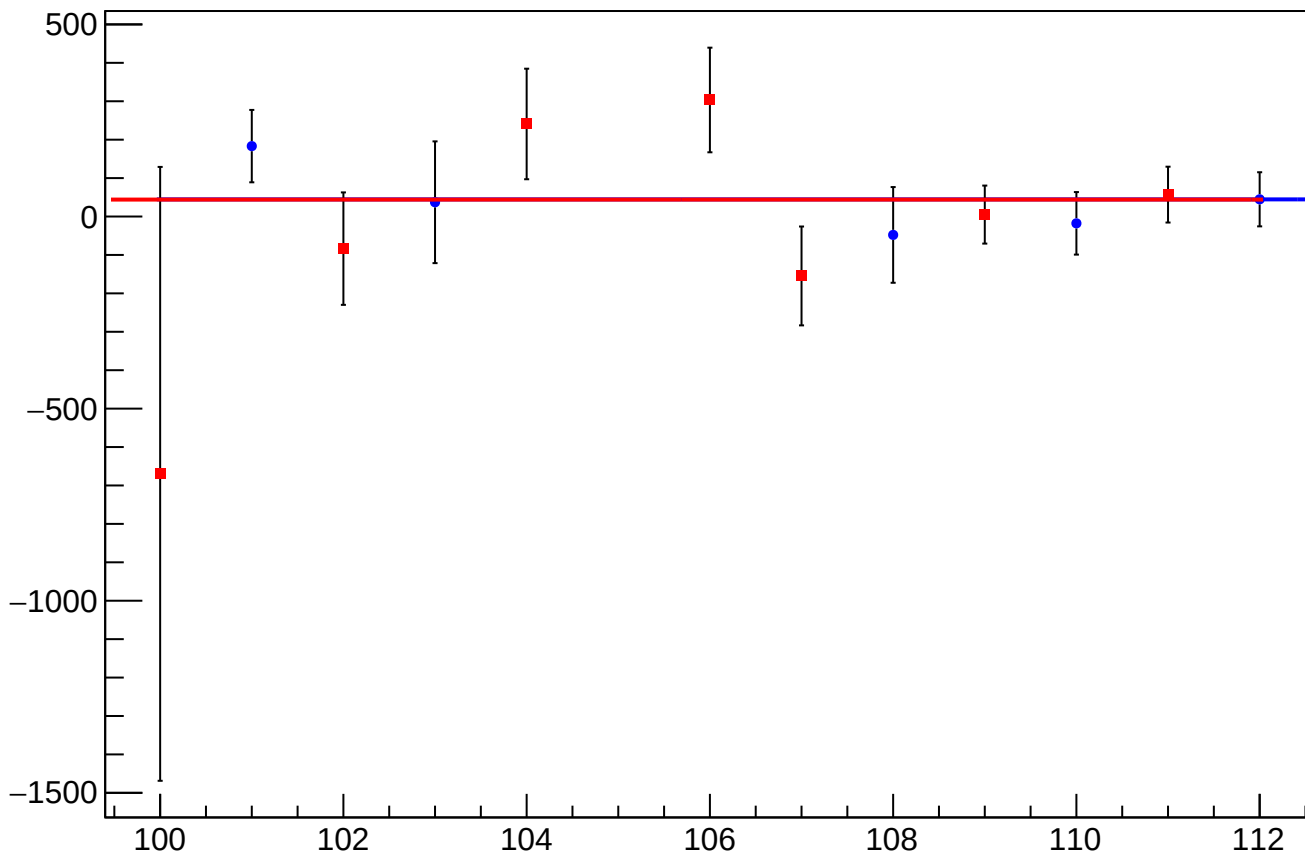
Right: 484.148+/-0.151 χ^2/NDF : 223882.3/11

In: 480.598+/-0.216 χ^2/NDF : 103402.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 484.148+/-0.151 χ^2/NDF : 223882.3/11

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 44.607 $\pm$ 41.903 χ^2 /NDF: 3.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 44.089 $\pm$ 41.676 χ^2 /NDF: 9.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

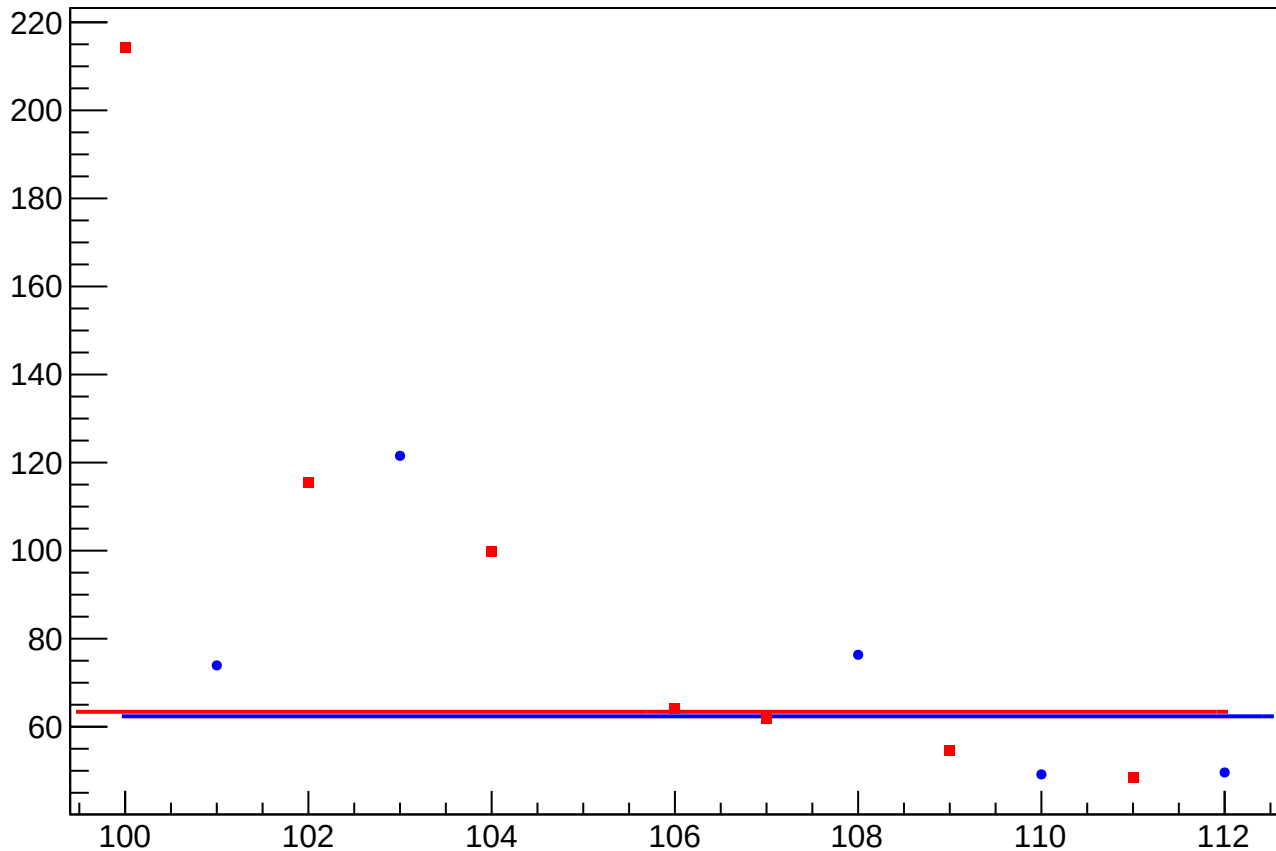
Right: 44.346 $\pm$ 29.549 χ^2 /NDF: 13.0/11

In: 44.607 $\pm$ 41.903 χ^2 /NDF: 3.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 44.346 $\pm$ 29.549 χ^2 /NDF: 13.0/11

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 62.367+/-0.030 χ^2/NDF : 452343.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.401+/-0.029 χ^2/NDF : 565831.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

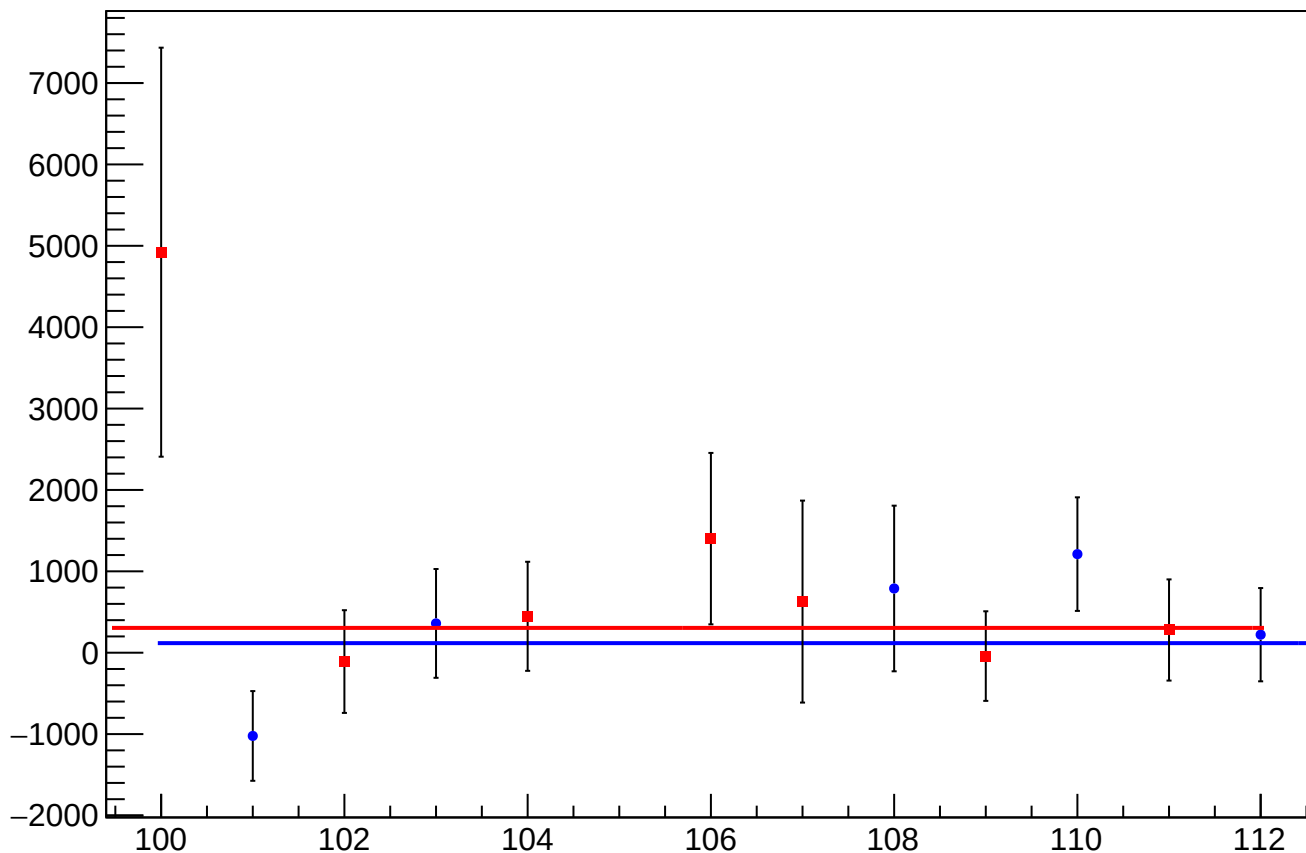
Right: 62.886+/-0.021 χ^2/NDF : 1018787.8/11

In: 62.367+/-0.030 χ^2/NDF : 452343.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.886+/-0.021 χ^2/NDF : 1018787.8/11

asym_sam_1357_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 117.619 $\pm$ 293.695 χ^2 /NDF: 7.3/4

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 304.828 $\pm$ 284.735 χ^2 /NDF: 5.4/6

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

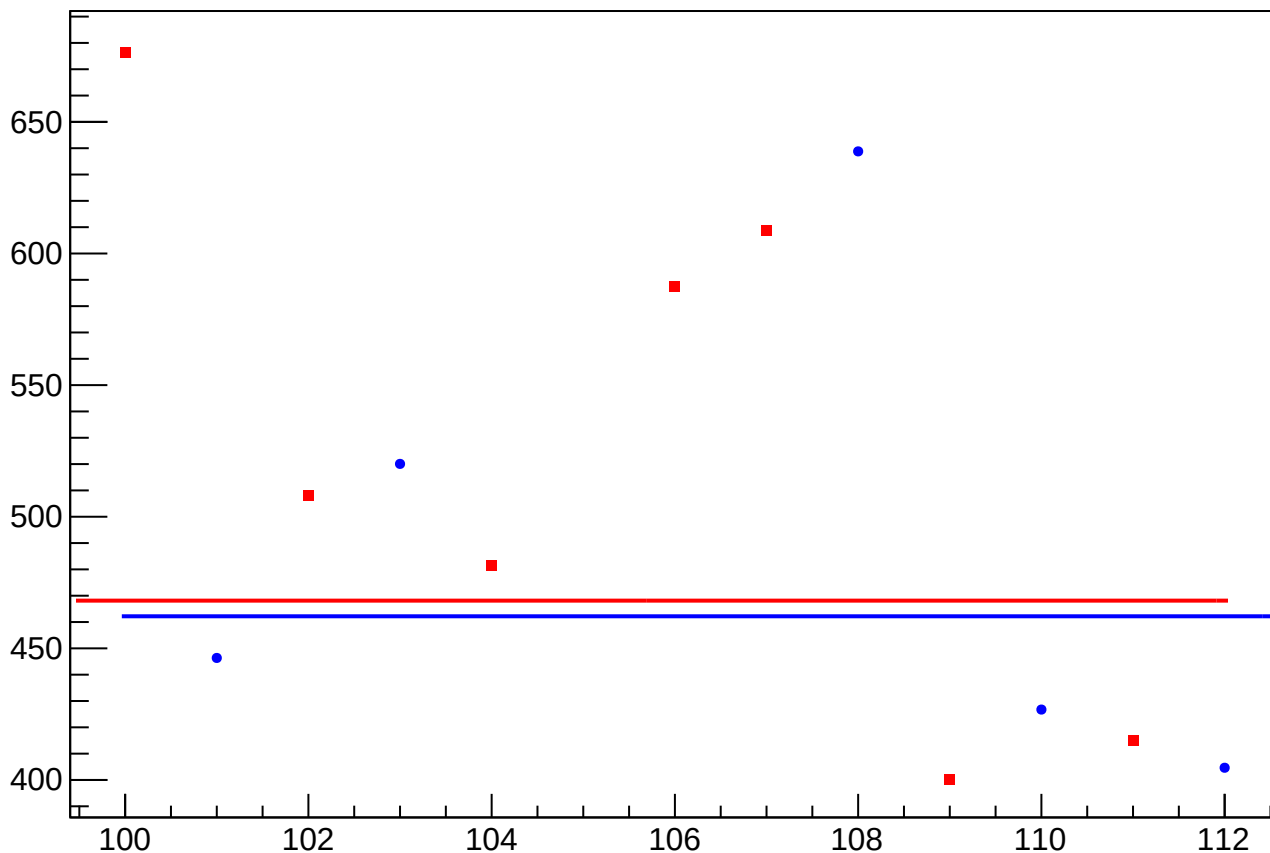
Right: 214.122 $\pm$ -204.432 χ^2 /NDF: 12.9/11

In: 117.619 $\pm$ 293.695 χ^2 /NDF:7.3/4

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 214.122 $\pm$ -204.432 χ^2 /NDF: 12.9/11

asym_sam_1357_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 462.183+/-0.208 χ^2/NDF : 102206.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 468.131+/-0.201 χ^2/NDF : 119001.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

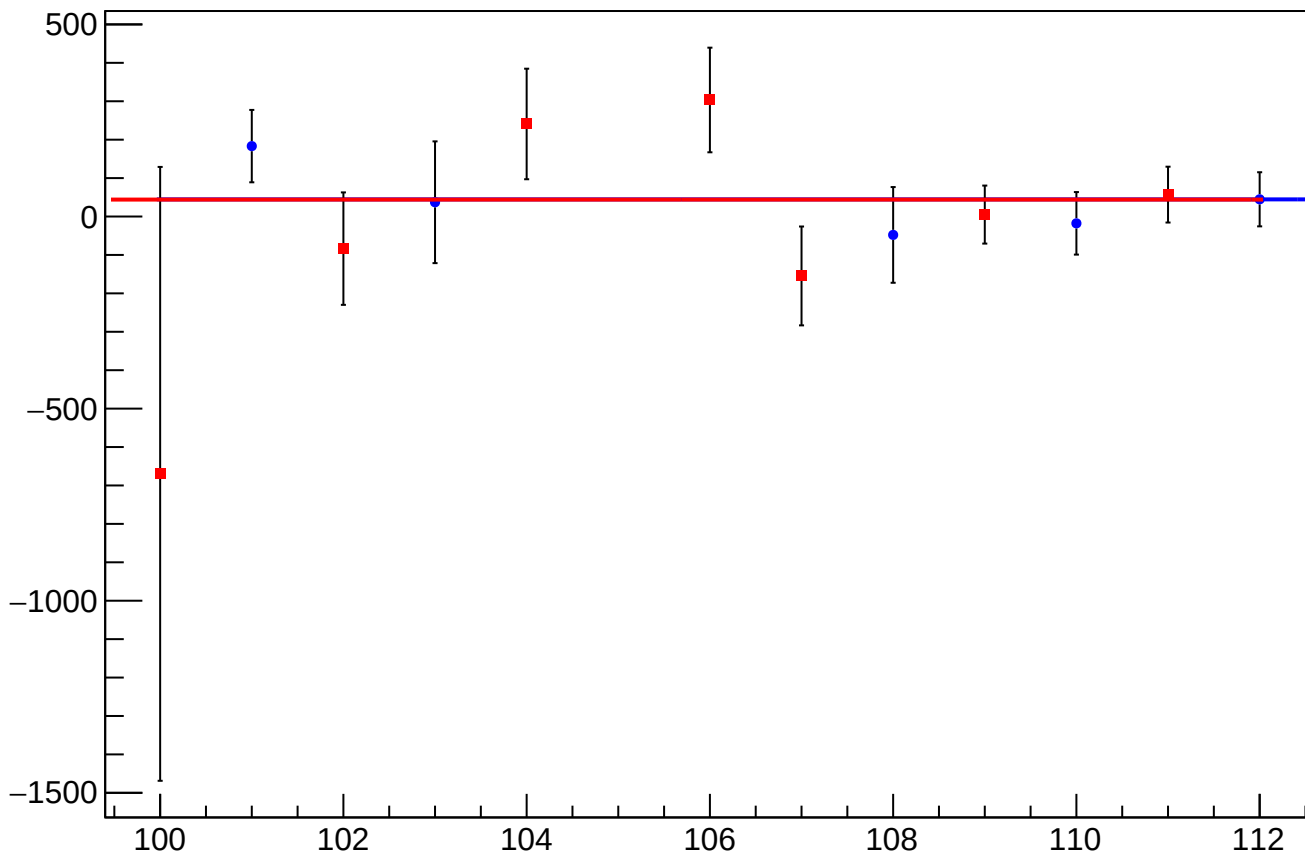
Right: 465.249+/-0.145 χ^2/NDF : 221630.7/11

In: 462.183+/-0.208 χ^2/NDF : 102206.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 465.249+/-0.145 χ^2/NDF : 221630.7/11

eigen_dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 44.606+/-41.903 χ^2/NDF : 3.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.088+/-41.677 χ^2/NDF : 9.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

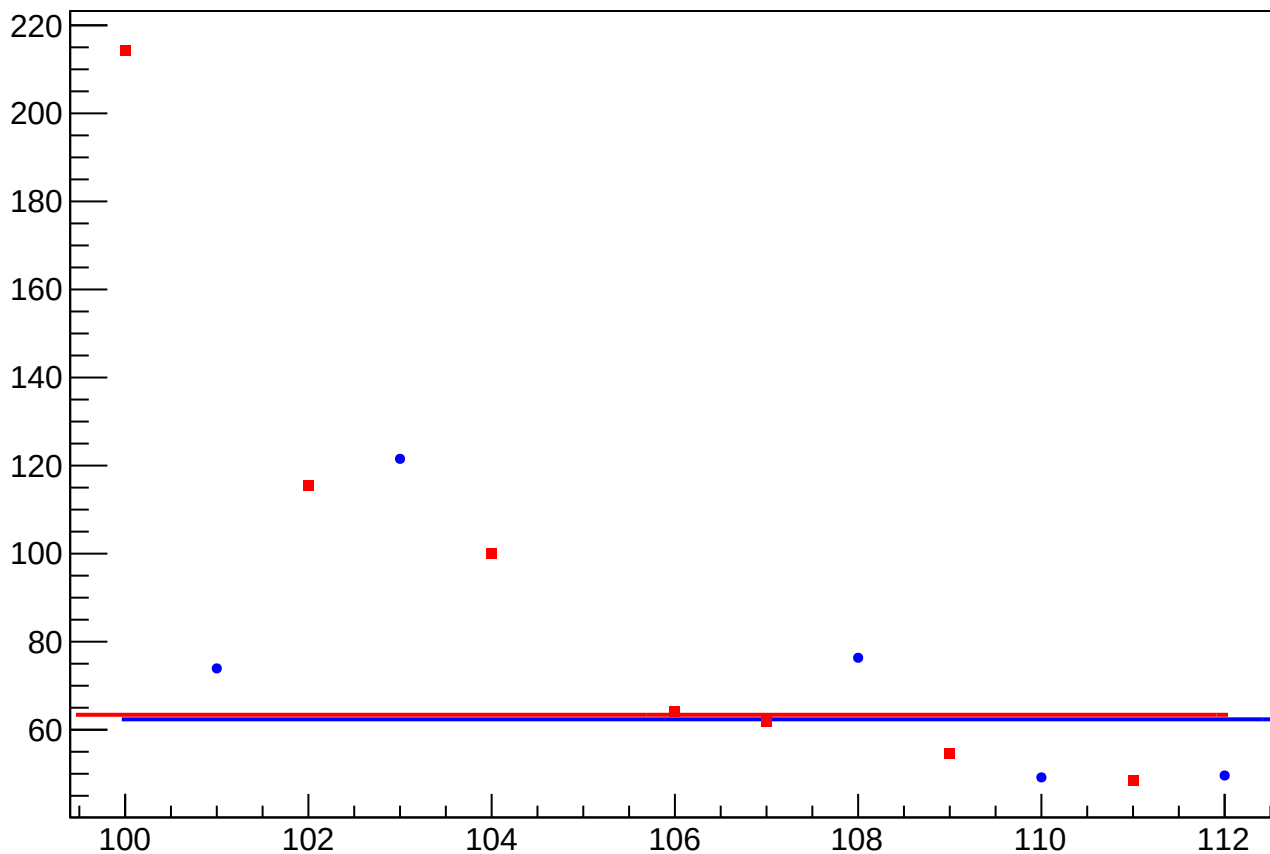
Right: 44.346+/-29.549 χ^2/NDF : 13.0/11

In: 44.606+/-41.903 χ^2/NDF : 3.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.346+/-29.549 χ^2/NDF : 13.0/11

eigen_dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 62.367+/-0.030 χ^2/NDF : 452344.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.401+/-0.029 χ^2/NDF : 565834.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

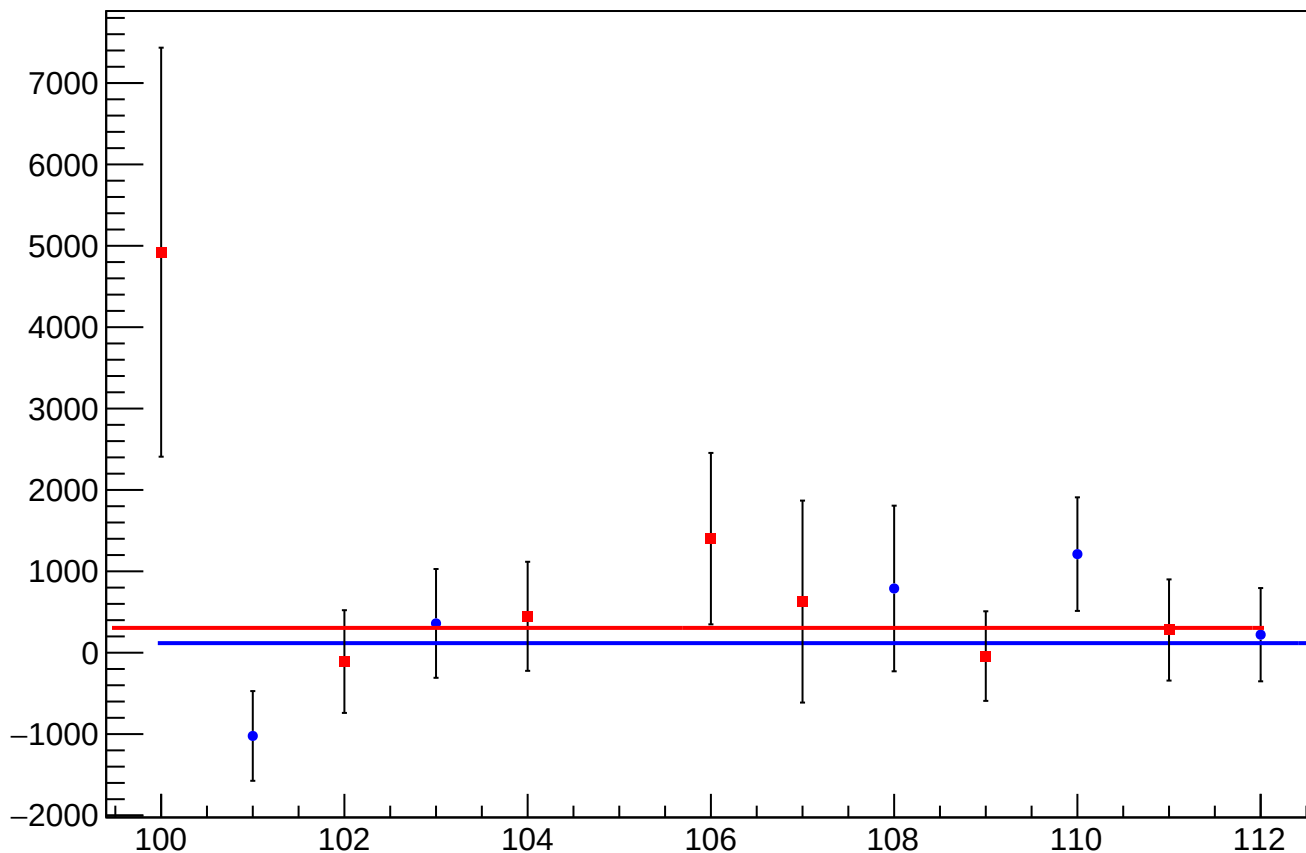
Right: 62.887+/-0.021 χ^2/NDF : 1018790.2/11

In: 62.367+/-0.030 χ^2/NDF : 452344.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.887+/-0.021 χ^2/NDF : 1018790.2/11

asym_sam_1357_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 117.618 $\pm$ 293.694 χ^2 /NDF: 7.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 304.827 $\pm$ 284.734 χ^2 /NDF: 5.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

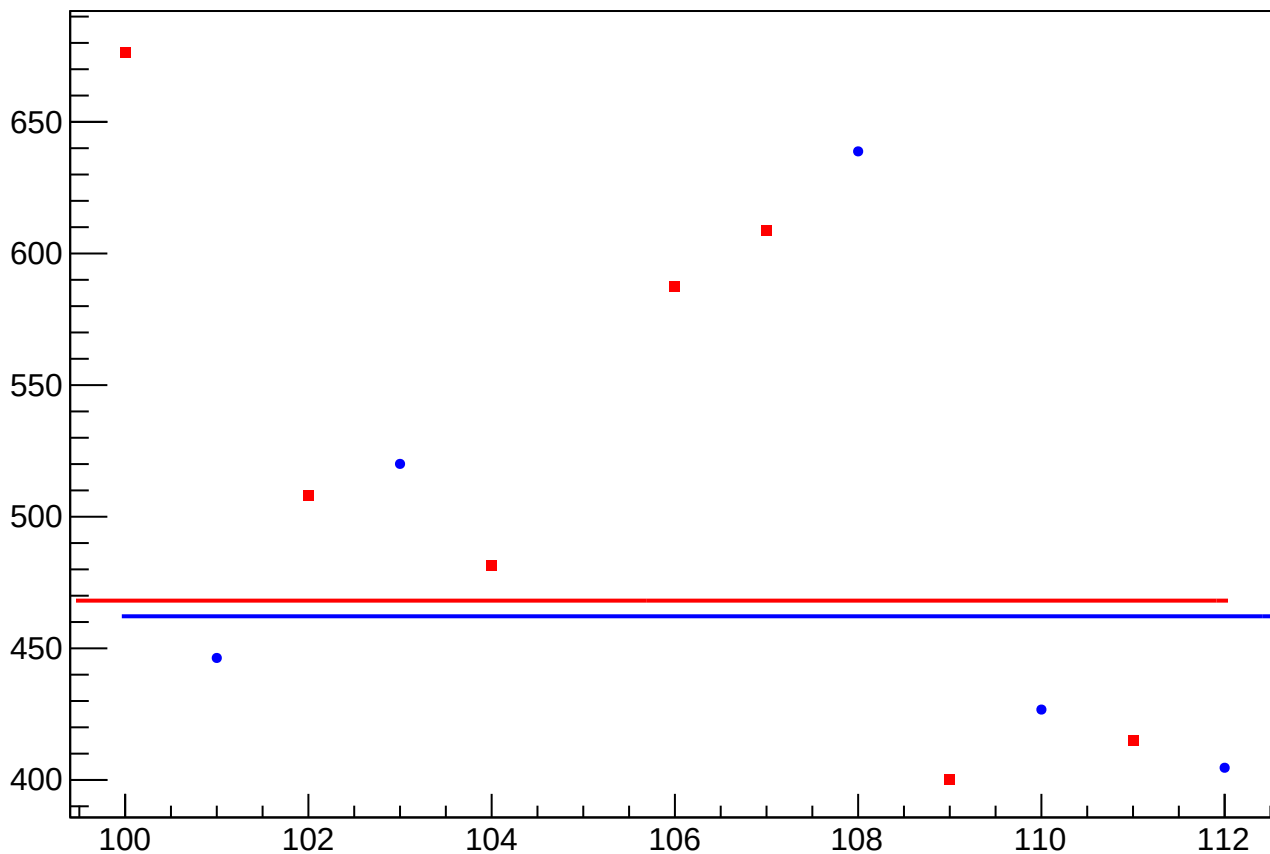
Right: 214.122 $\pm$ 204.432 χ^2 /NDF: 12.9/11

In: 117.618 $\pm$ 293.694 χ^2 /NDF:7.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 214.122 $\pm$ 204.432 χ^2 /NDF: 12.9/11

asym_sam_1357_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 462.181+/-0.208 χ^2/NDF : 102206.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 468.129+/-0.201 χ^2/NDF : 119001.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

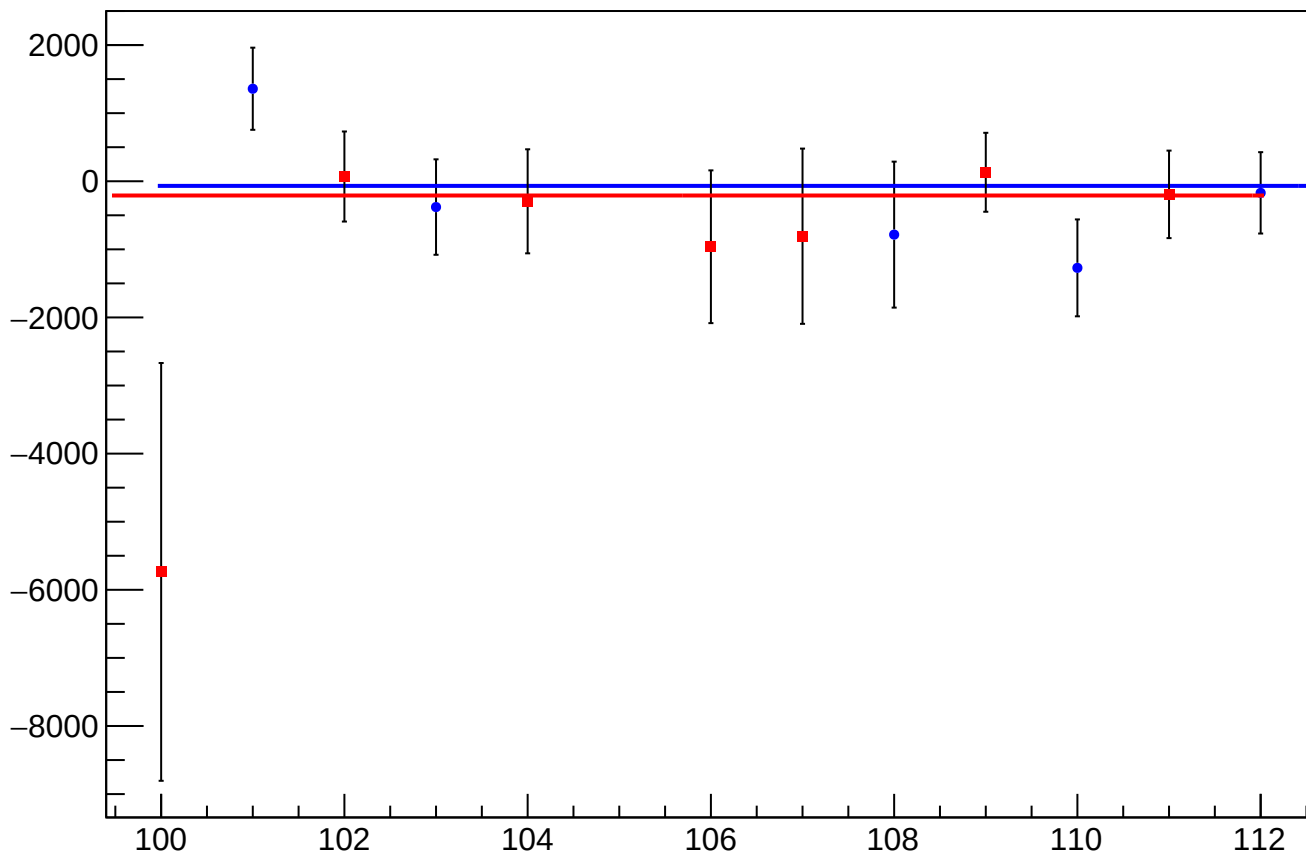
Right: 465.247+/-0.145 χ^2/NDF : 221630.8/11

In: 462.181+/-0.208 χ^2/NDF : 102206.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 465.247+/-0.145 χ^2/NDF : 221630.8/11

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -67.970 ± 309.619 χ^2/NDF : 9.1/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -209.278 ± 302.847 χ^2/NDF : 4.4/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

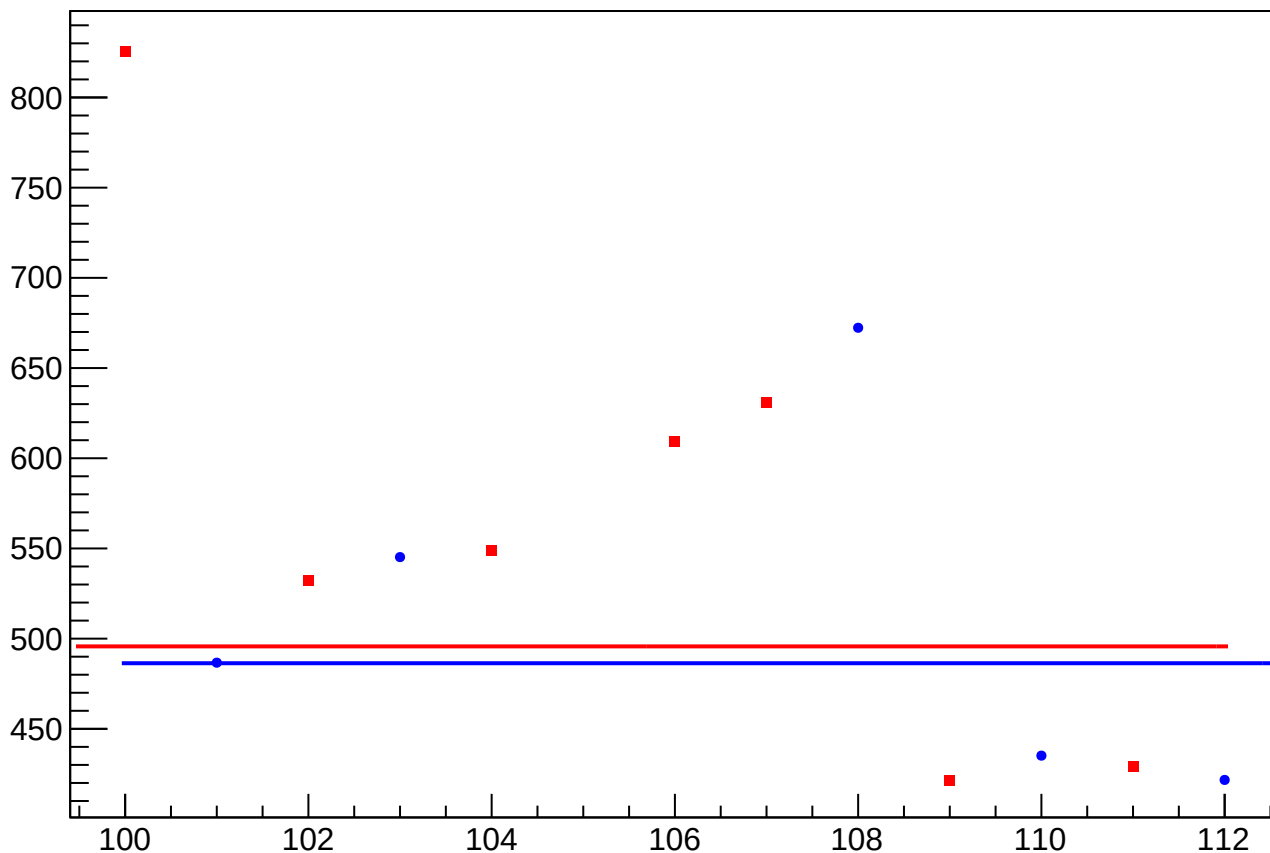
Right: -140.186 ± 216.499 χ^2/NDF : 13.7/11

In: -67.970 ± 309.619 χ^2/NDF : 9.1/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -140.186 ± 216.499 χ^2/NDF : 13.7/11

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 486.375+/-0.219 χ^2/NDF : 108112.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 495.706+/-0.214 χ^2/NDF : 135956.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

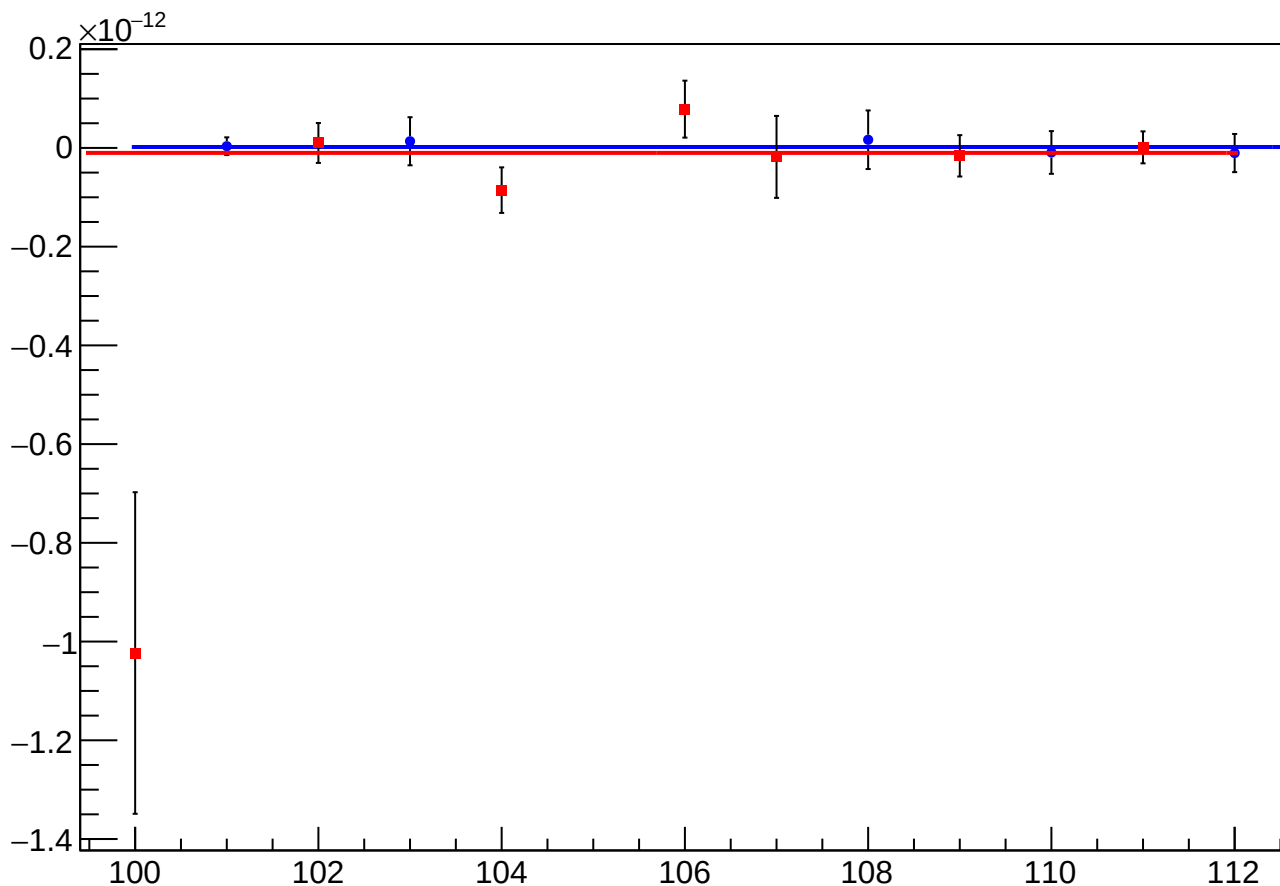
Right: 491.144+/-0.153 χ^2/NDF : 244997.1/11

In: 486.375+/-0.219 χ^2/NDF : 108112.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 491.144+/-0.153 χ^2/NDF : 244997.1/11

asym_sam_1357_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

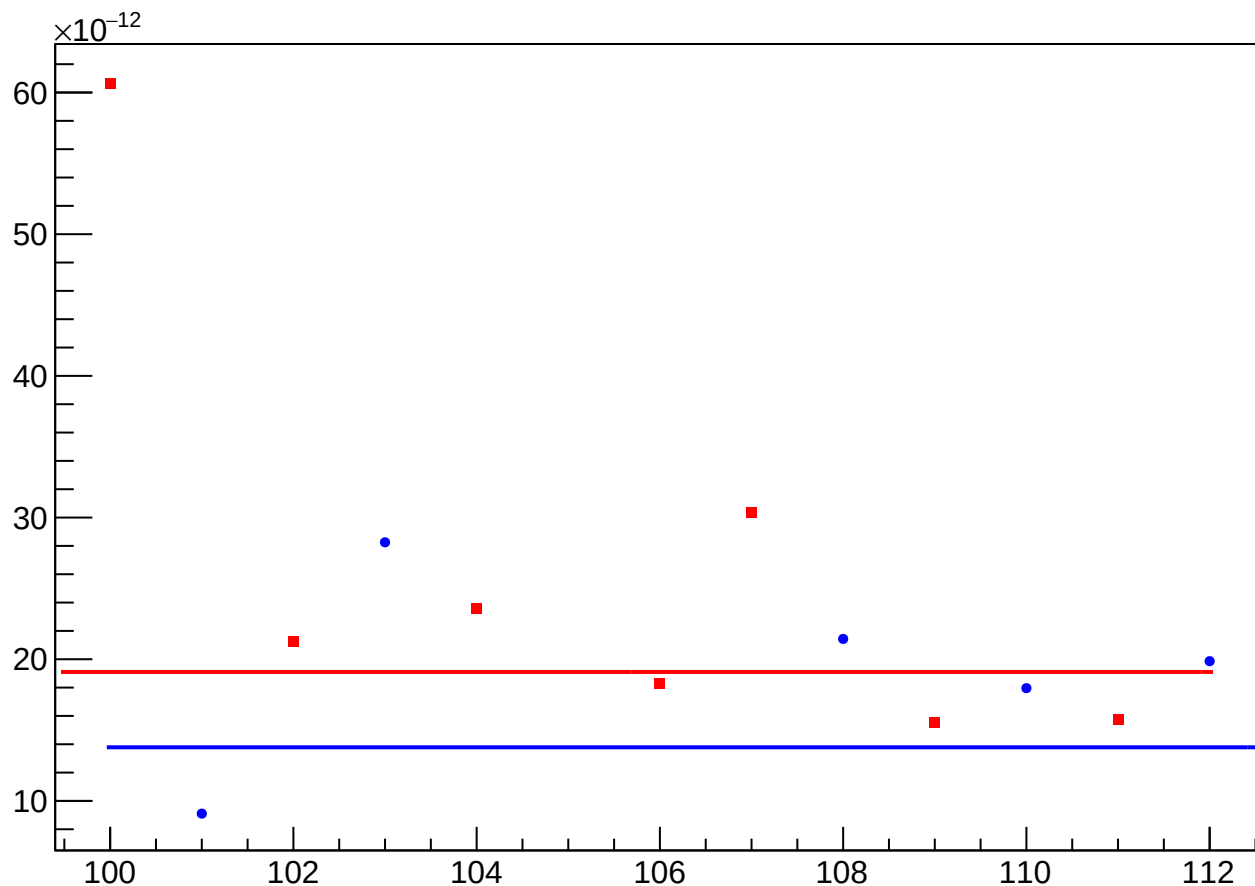
Right: -0.000+/-0.000 χ^2/NDF : 15.7/11

In: 0.000+/-0.000 χ^2/NDF : 0.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.7/11

asym_sam_1357_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 413962.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 130325.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

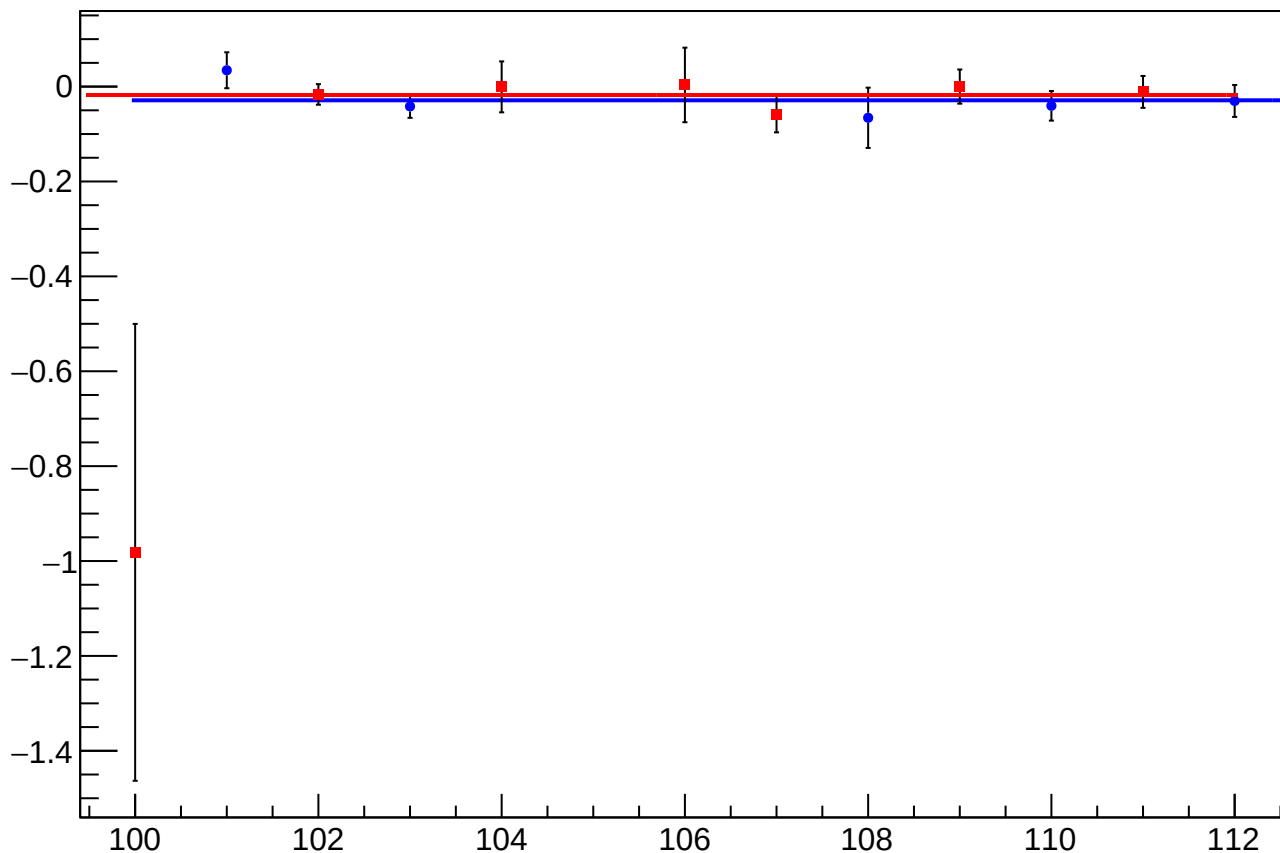
Right: 0.000+/-0.000 χ^2/NDF : 651833.0/11

In: 0.000+/-0.000 χ^2/NDF : 413962.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 651833.0/11

asym_sam_1357_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 $\pm$ 0.015 χ^2 /NDF: 3.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.018 $\pm$ 0.014 χ^2 /NDF: 5.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

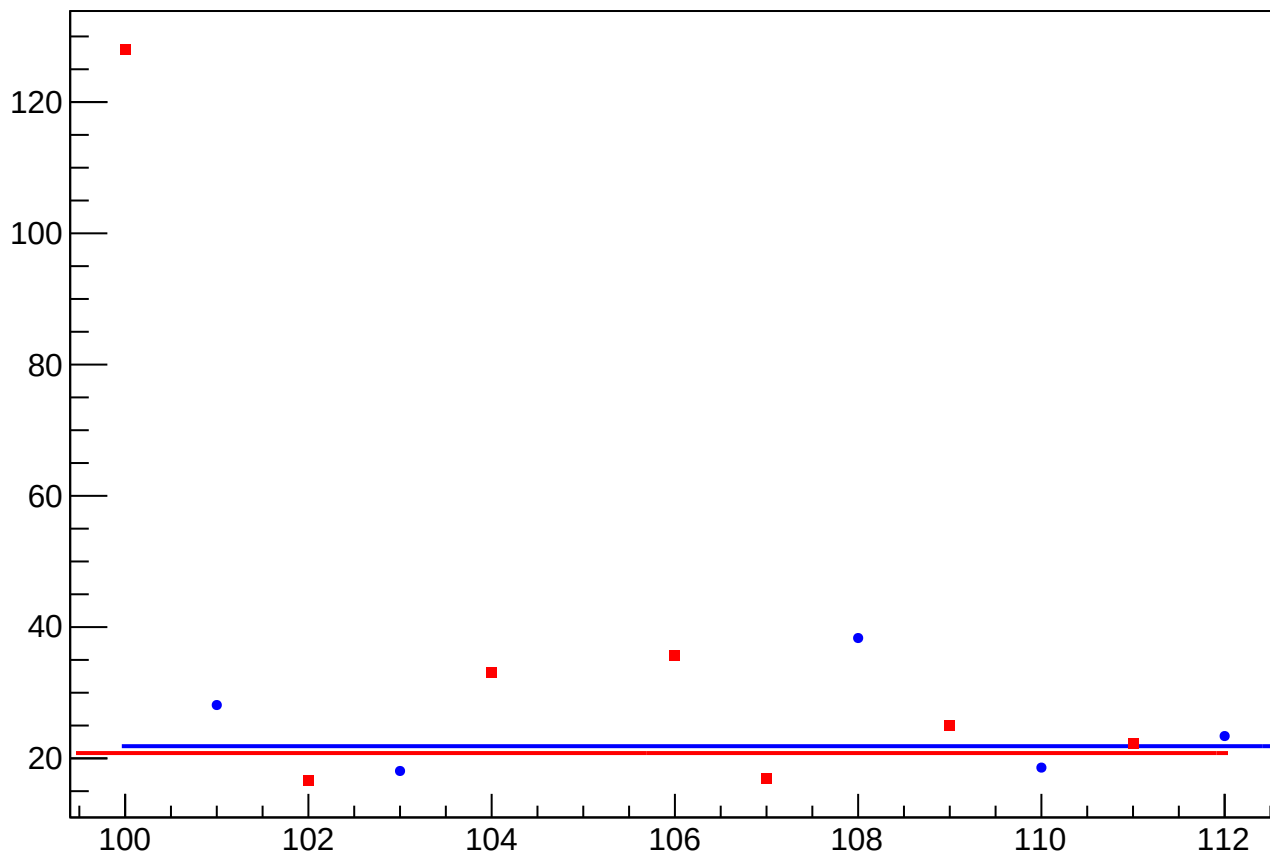
Right: -0.023 $\pm$ 0.010 χ^2 /NDF: 9.4/11

In: -0.029 $\pm$ 0.015 χ^2 /NDF:3.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.023 $\pm$ 0.010 χ^2 /NDF: 9.4/11

asym_sam_1357_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.855+/-0.010 χ^2/NDF : 264290.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.806+/-0.010 χ^2/NDF : 402706.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

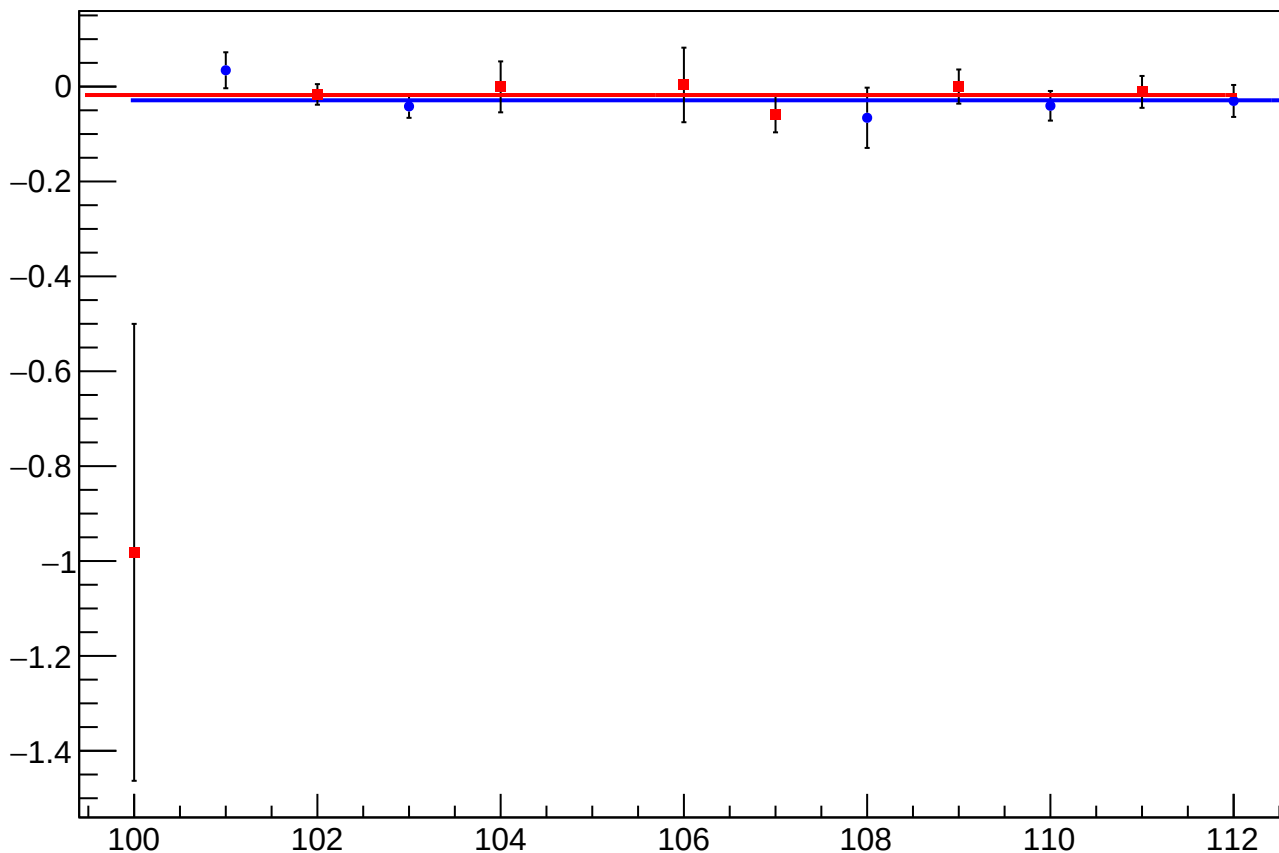
Right: 21.308+/-0.007 χ^2/NDF : 672229.1/11

In: 21.855+/-0.010 χ^2/NDF : 264290.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.308+/-0.007 χ^2/NDF : 672229.1/11

asym_sam_1357_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029+/-0.015 χ^2 /NDF: 3.5/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.018+/-0.014 χ^2 /NDF: 5.6/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

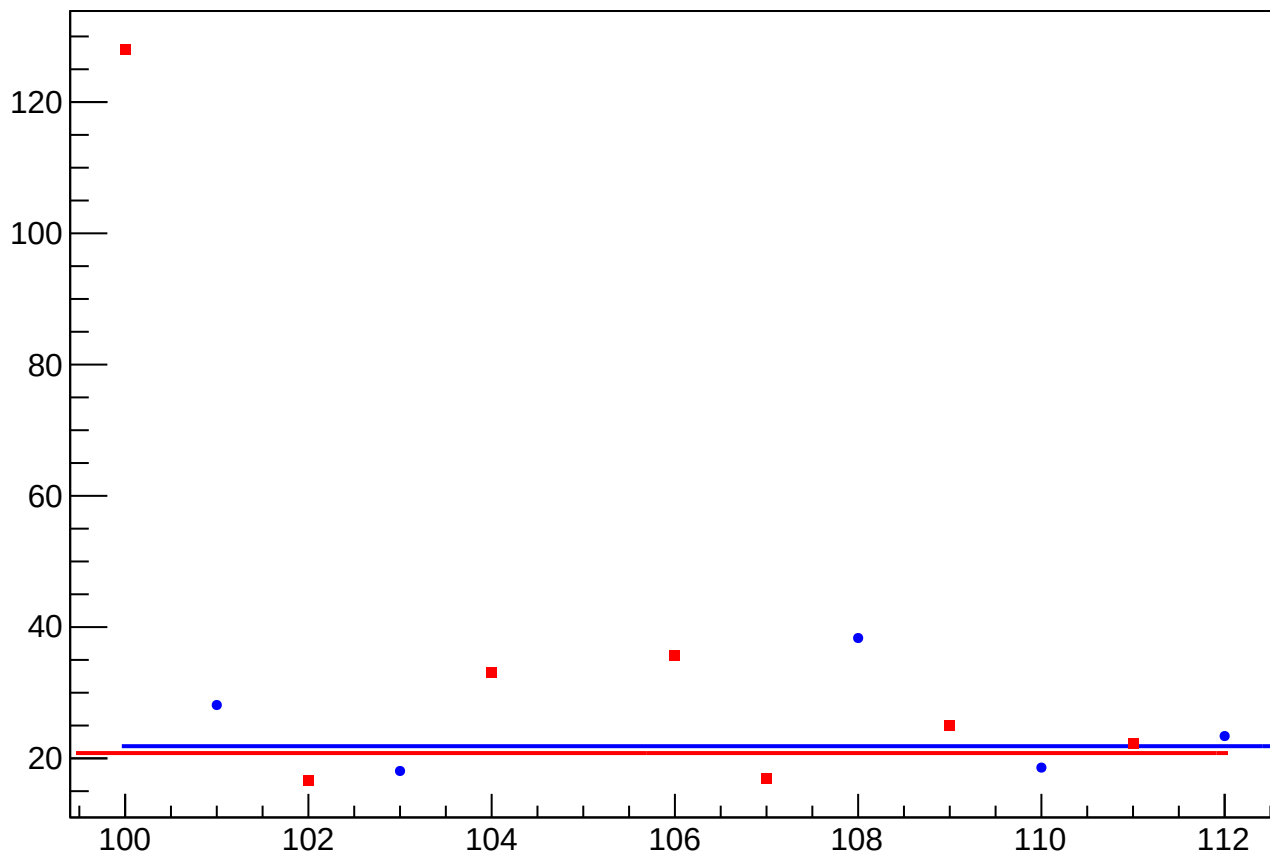
Right: -0.023+/-0.010 χ^2 /NDF: 9.4/11

In: -0.029+/-0.015 χ^2 /NDF:3.5/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.023+/-0.010 χ^2 /NDF: 9.4/11

asym_sam_1357_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.855+/-0.010 χ^2/NDF : 264290.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.806+/-0.010 χ^2/NDF : 402706.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

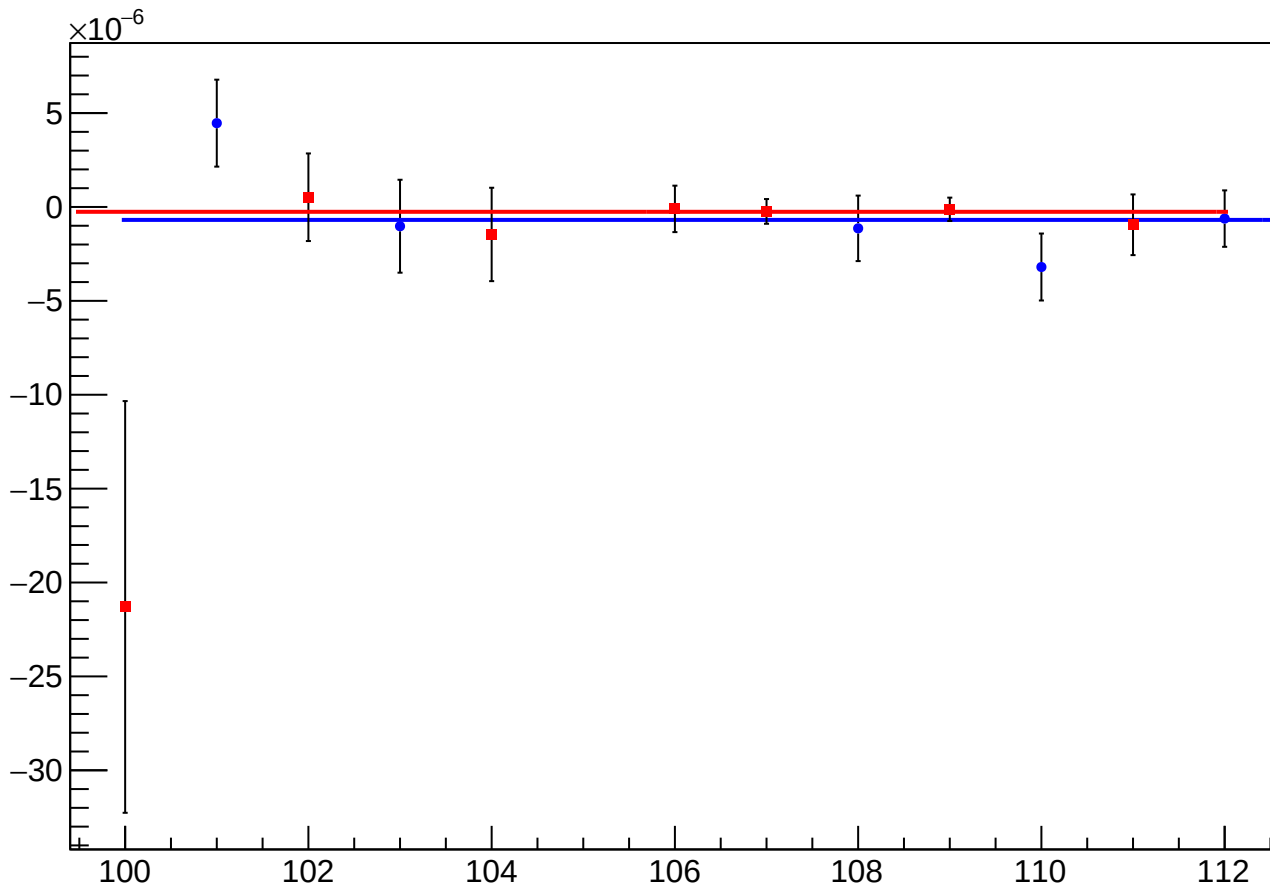
Right: 21.308+/-0.007 χ^2/NDF : 672229.1/11

In: 21.855+/-0.010 χ^2/NDF : 264290.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.308+/-0.007 χ^2/NDF : 672229.1/11

asym_sam_1357_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

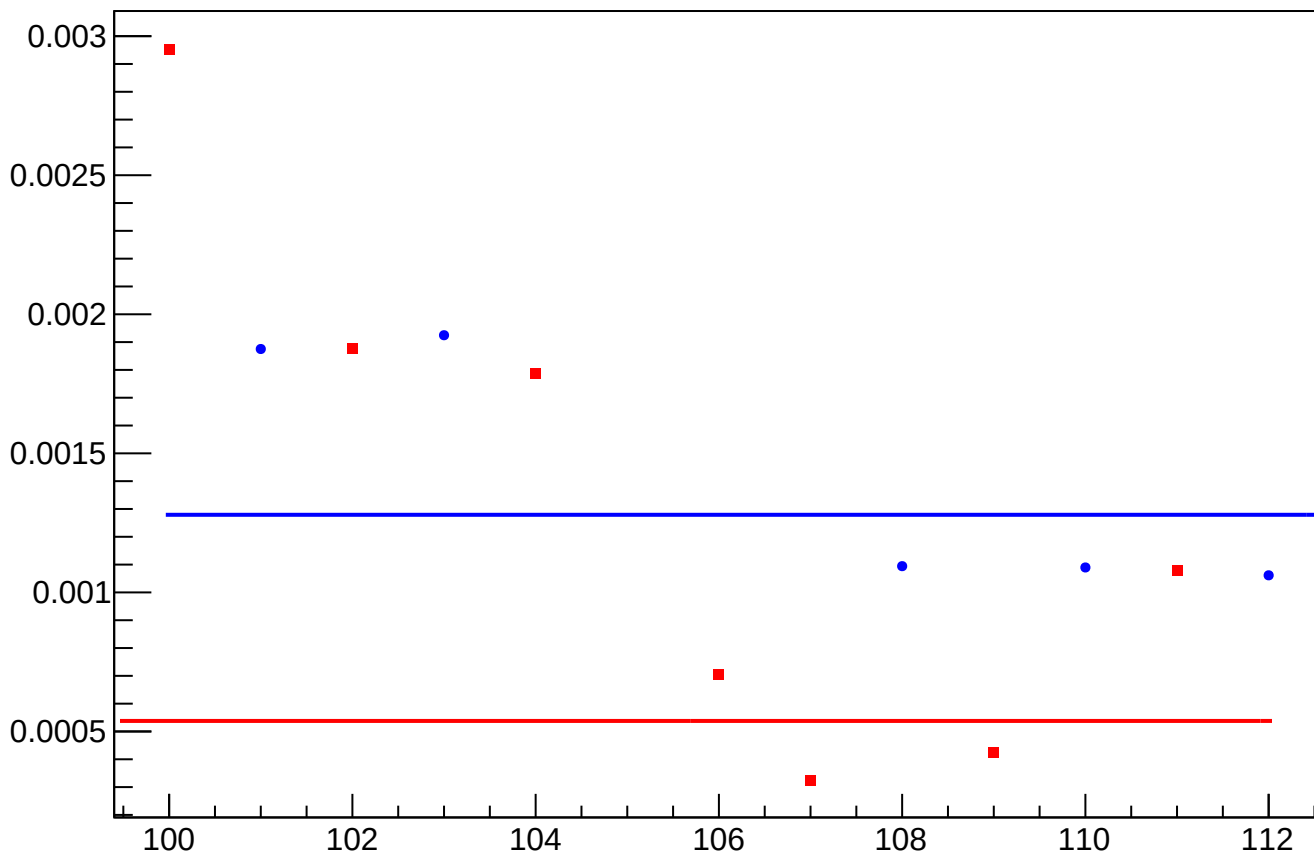
Right: -0.000+/-0.000 χ^2/NDF : 11.5/11

In: -0.000+/-0.000 χ^2/NDF : 7.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.5/11

asym_sam_1357_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 355651.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1800014.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

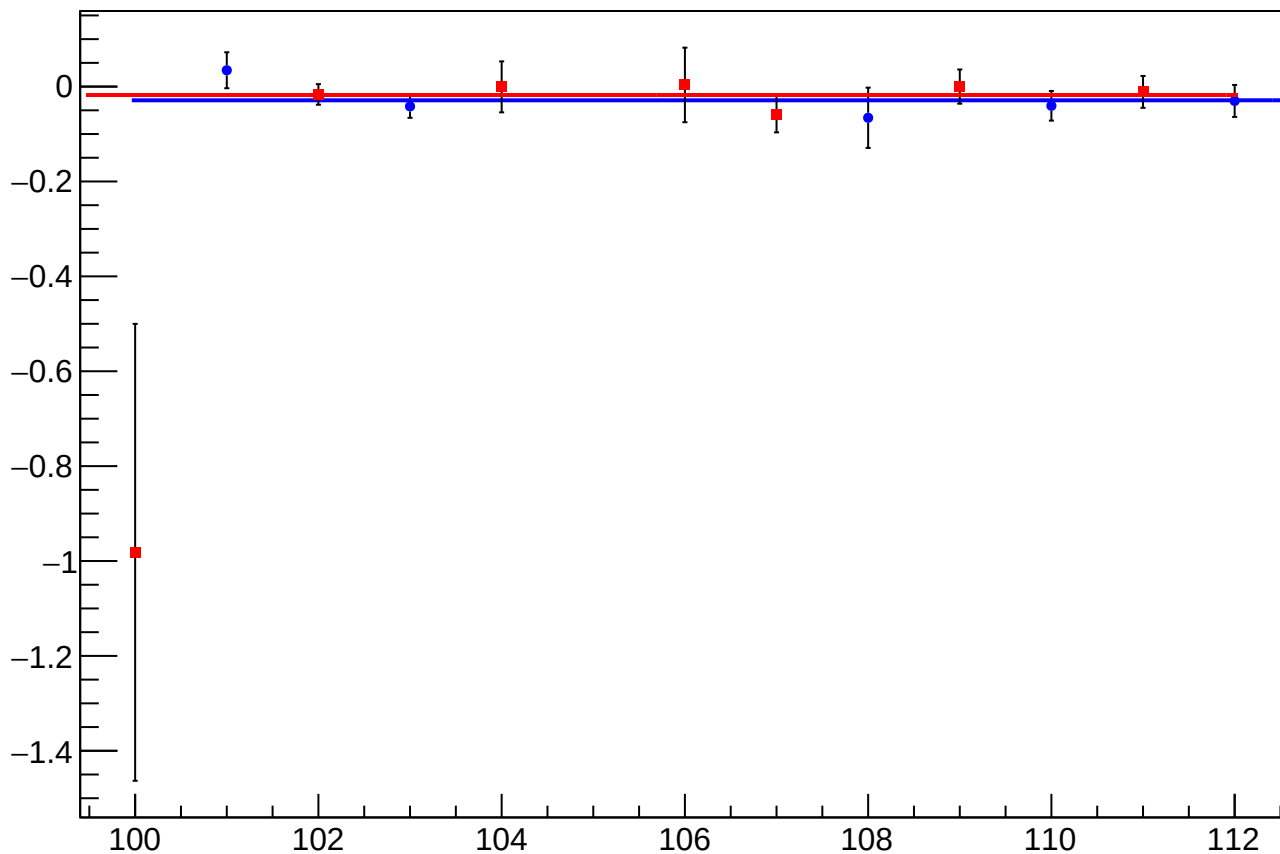
Right: 0.001+/-0.000 χ^2/NDF : 3439698.8/11

In: 0.001+/-0.000 χ^2/NDF : 355651.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3439698.8/11

asym_sam_1357_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 $\pm$ 0.015 χ^2 /NDF: 3.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.018 $\pm$ 0.014 χ^2 /NDF: 5.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

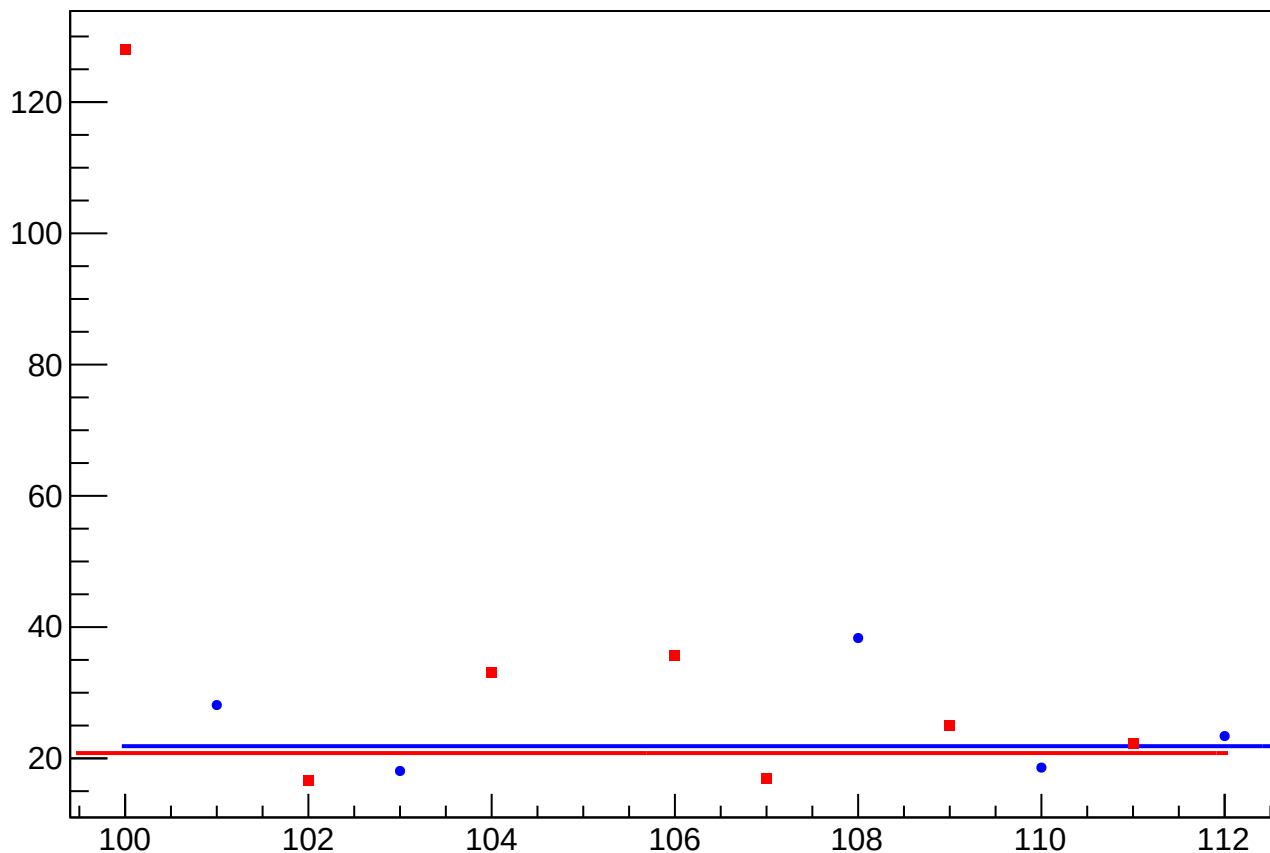
Right: -0.023 $\pm$ 0.010 χ^2 /NDF: 9.4/11

In: -0.029 $\pm$ 0.015 χ^2 /NDF:3.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.023 $\pm$ 0.010 χ^2 /NDF: 9.4/11

asym_sam_1357_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.856+/-0.010 χ^2/NDF : 264294.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.807+/-0.010 χ^2/NDF : 402710.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

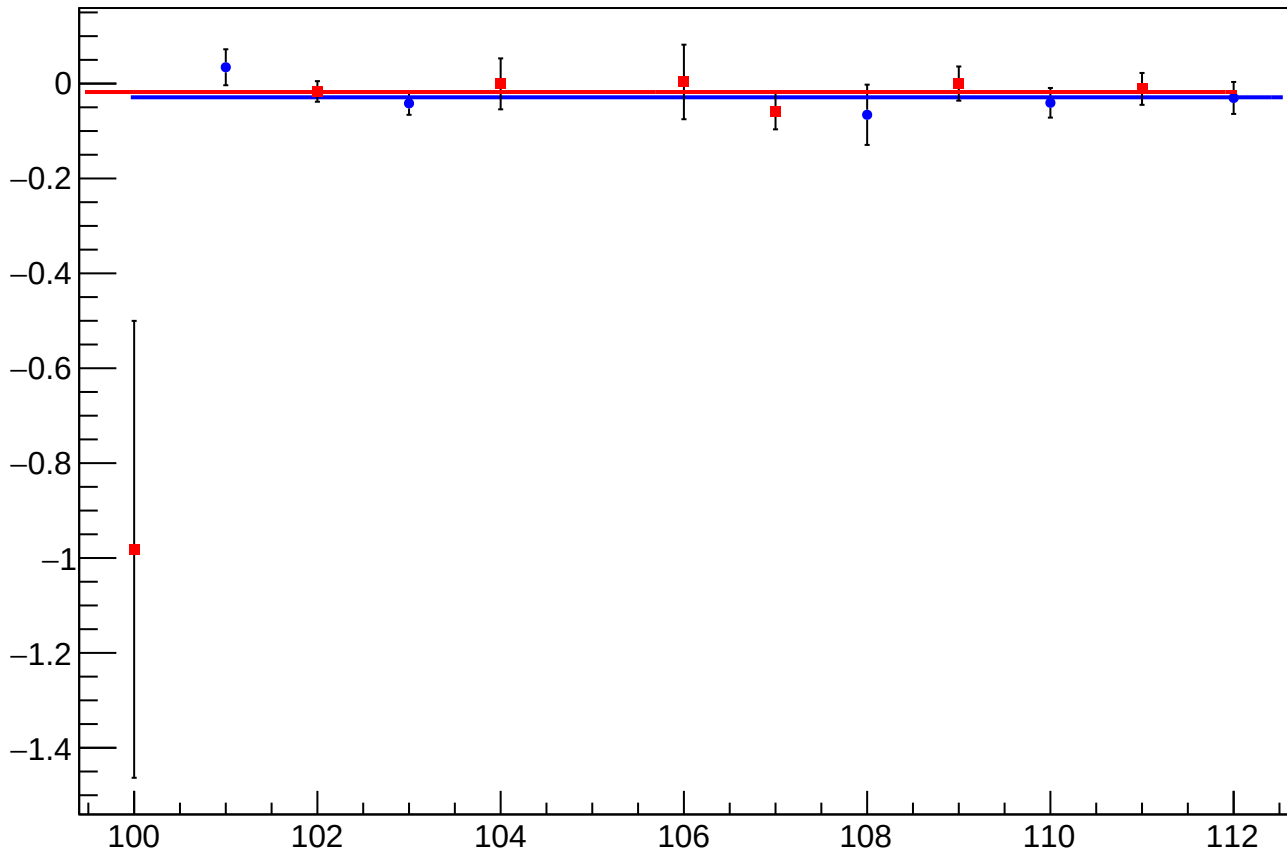
Right: 21.309+/-0.007 χ^2/NDF : 672236.5/11

In: 21.856+/-0.010 χ^2/NDF : 264294.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.309+/-0.007 χ^2/NDF : 672236.5/11

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 $\pm$ 0.015 χ^2 /NDF: 3.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.018 $\pm$ 0.014 χ^2 /NDF: 5.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

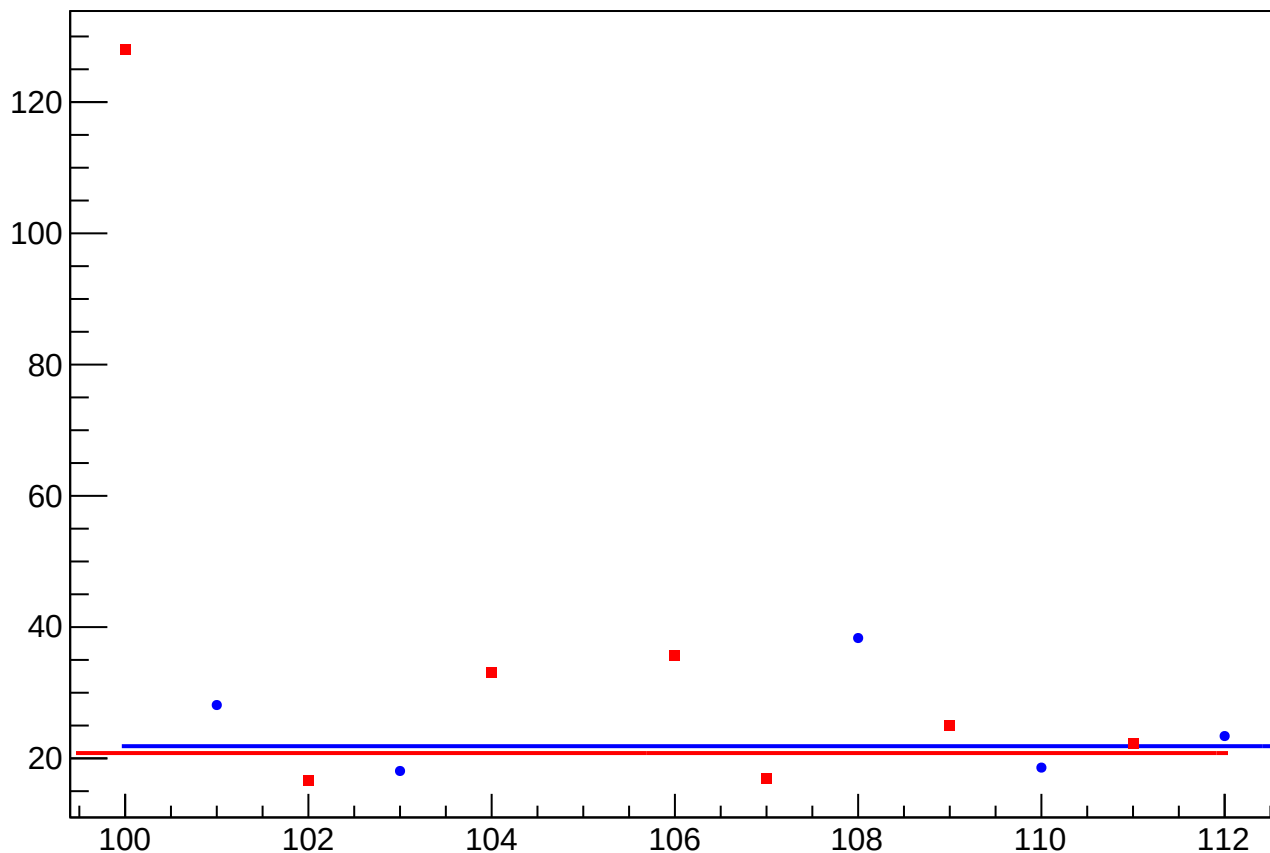
Right: -0.023 $\pm$ 0.010 χ^2 /NDF: 9.4/11

In: -0.029 $\pm$ 0.015 χ^2 /NDF:3.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.023 $\pm$ 0.010 χ^2 /NDF: 9.4/11

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.856+/-0.010 χ^2/NDF : 264294.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.807+/-0.010 χ^2/NDF : 402710.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

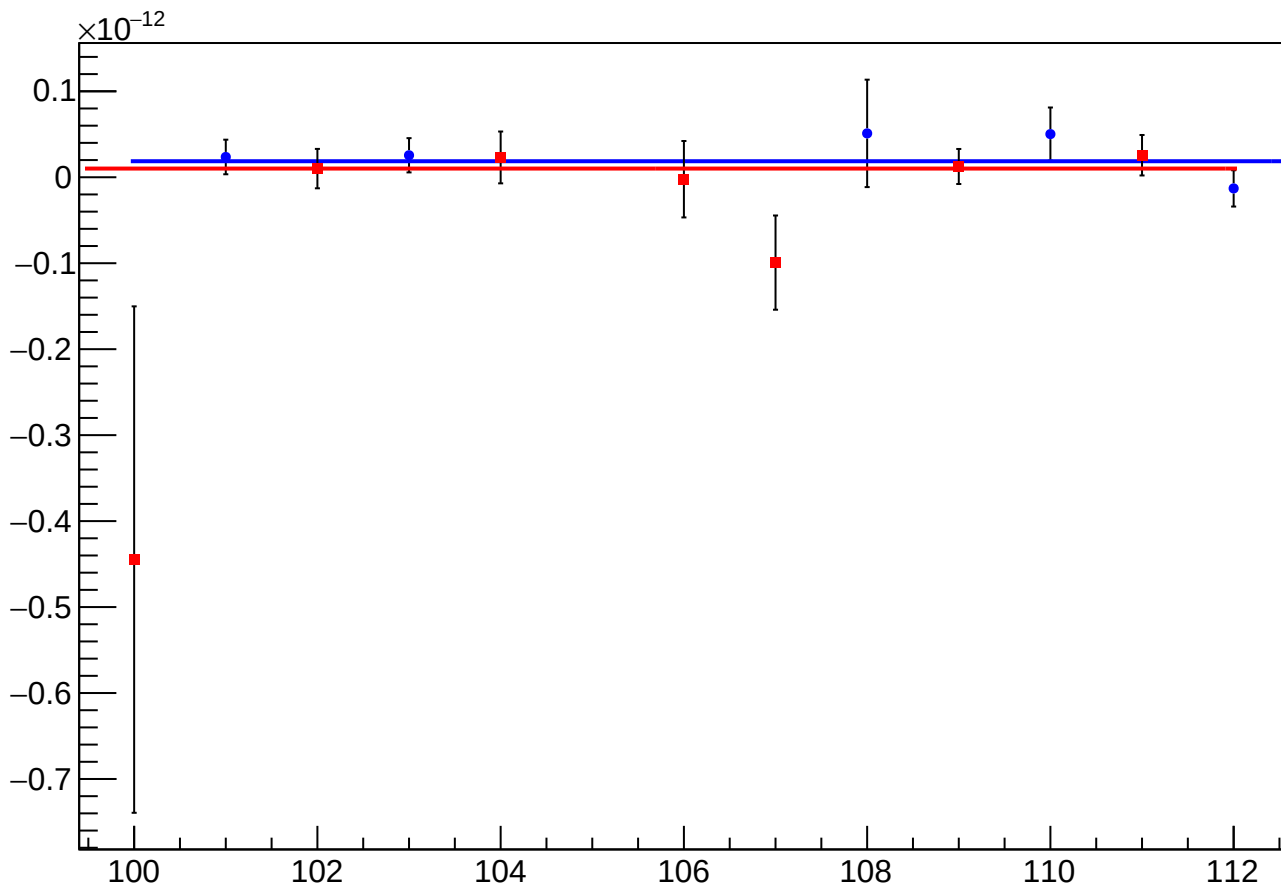
Right: 21.309+/-0.007 χ^2/NDF : 672236.5/11

In: 21.856+/-0.010 χ^2/NDF : 264294.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.309+/-0.007 χ^2/NDF : 672236.5/11

asym_sam_1357_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

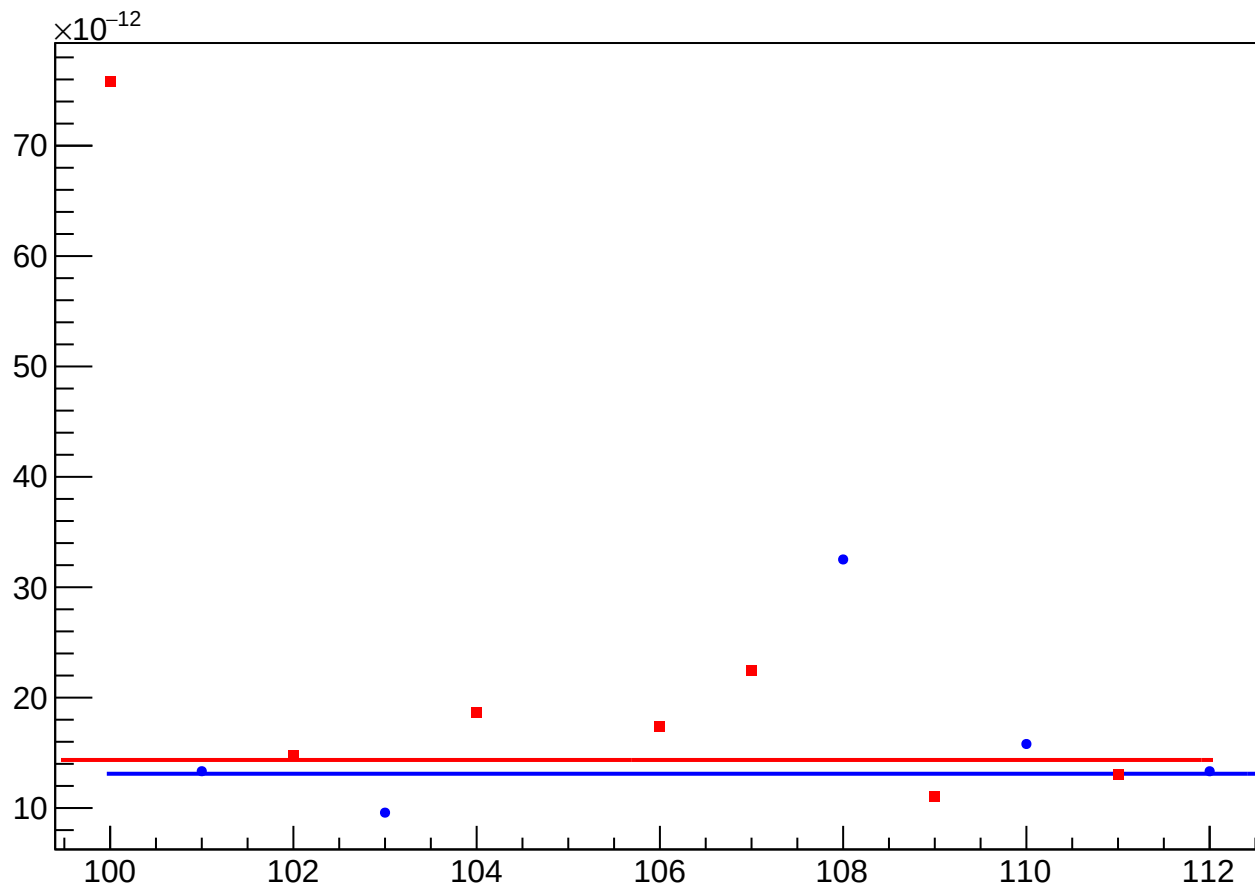
Right: 0.000+/-0.000 χ^2/NDF : 11.1/11

In: 0.000+/-0.000 χ^2/NDF : 3.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.1/11

asym_sam_1357_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 271226.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 238966.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

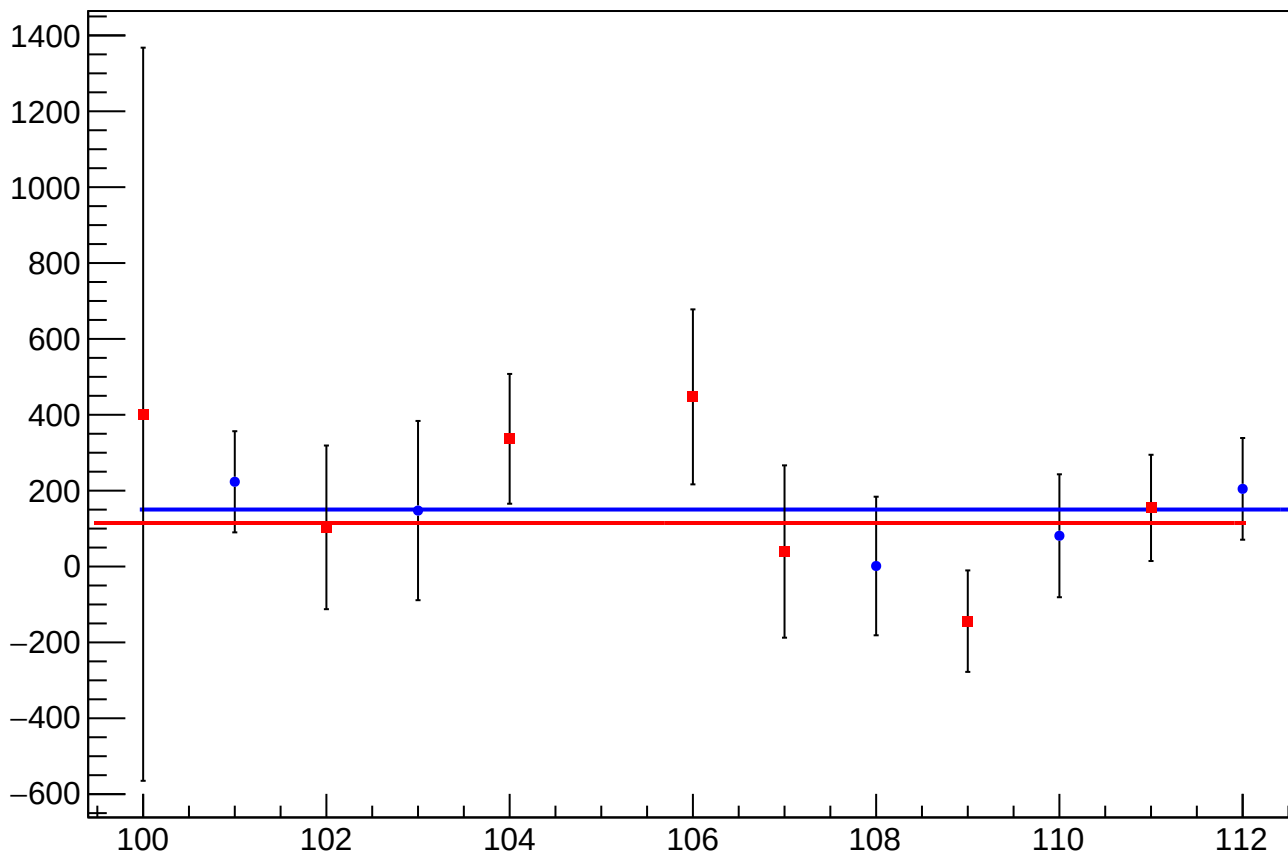
Right: 0.000+/-0.000 χ^2/NDF : 523125.7/11

In: 0.000+/-0.000 χ^2/NDF : 271226.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 523125.7/11

reg_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 150.253+/-71.088 χ^2/NDF : 1.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.751+/-70.390 χ^2/NDF : 7.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

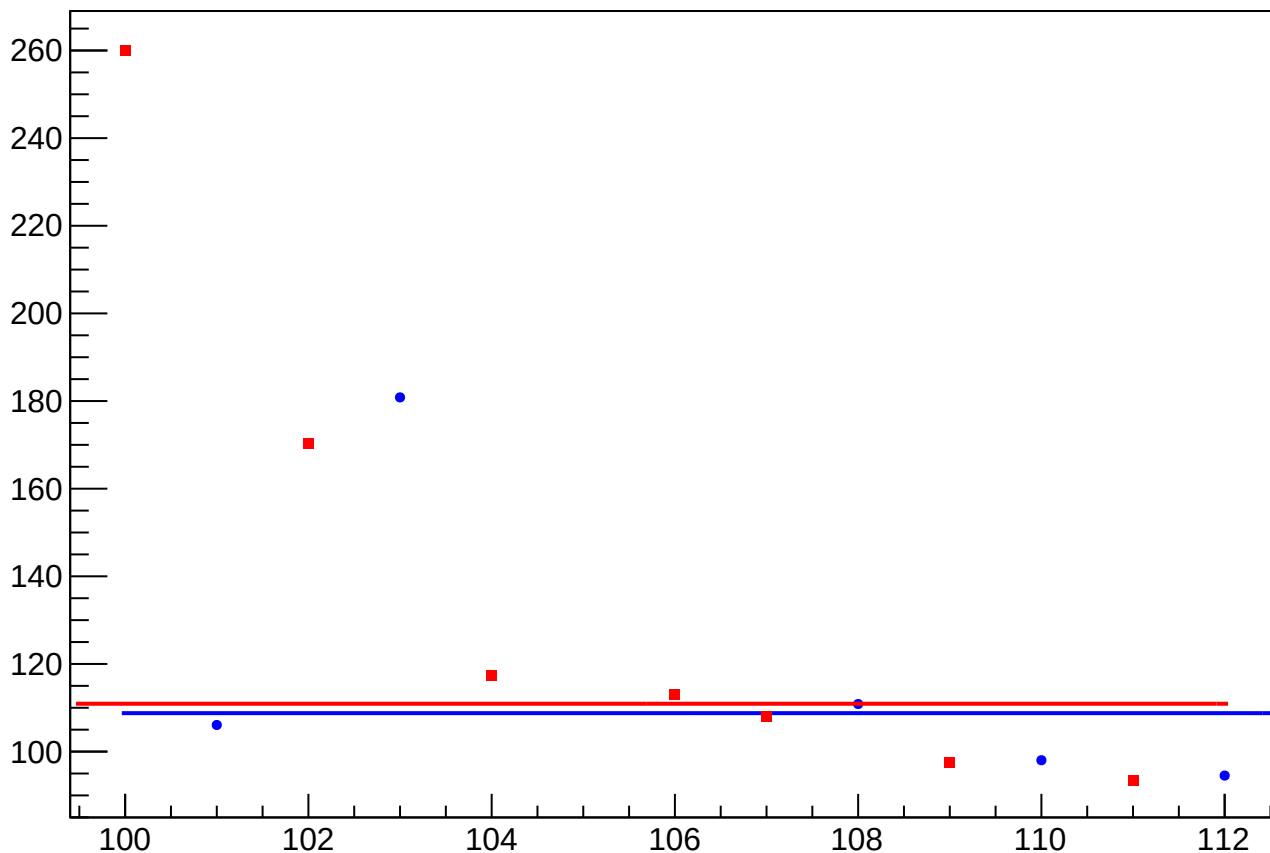
Right: 132.326+/-50.018 χ^2/NDF : 9.2/11

In: 150.253+/-71.088 χ^2/NDF : 1.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.326+/-50.018 χ^2/NDF : 9.2/11

reg_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 108.773+/-0.050 χ^2/NDF : 218556.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.918+/-0.050 χ^2/NDF : 253890.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

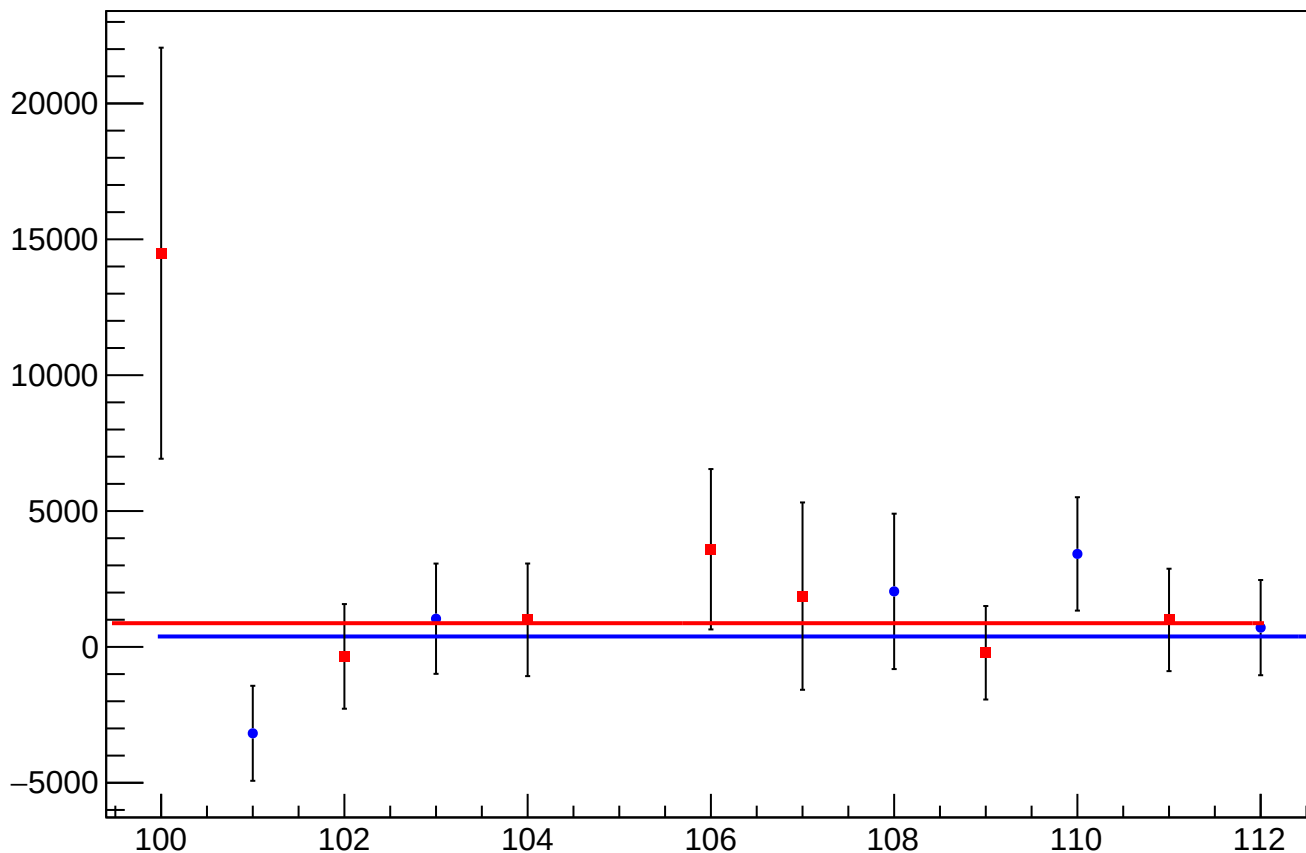
Right: 109.856+/-0.035 χ^2/NDF : 473366.4/11

In: 108.773+/-0.050 χ^2/NDF : 218556.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.856+/-0.035 χ^2/NDF : 473366.4/11

asym_sam_2468_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 384.206+/-895.108 χ^2/NDF : 6.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 872.893+/-864.295 χ^2/NDF : 5.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

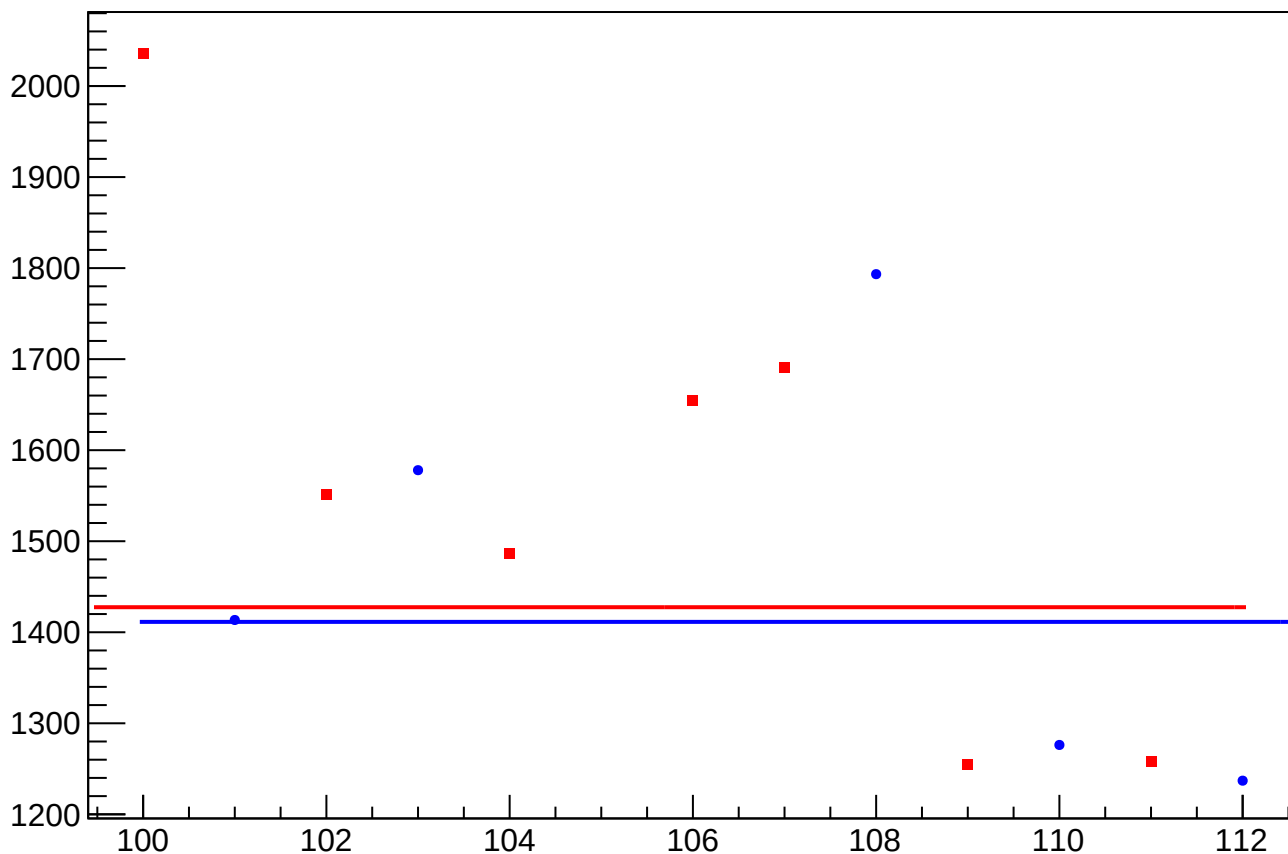
Right: 637.105+/-621.757 χ^2/NDF : 11.9/11

In: 384.206+/-895.108 χ^2/NDF : 6.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 637.105+/-621.757 χ^2/NDF : 11.9/11

asym_sam_2468_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1411.396+/-0.633 χ^2/NDF : 77413.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1427.509+/-0.611 χ^2/NDF : 82637.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

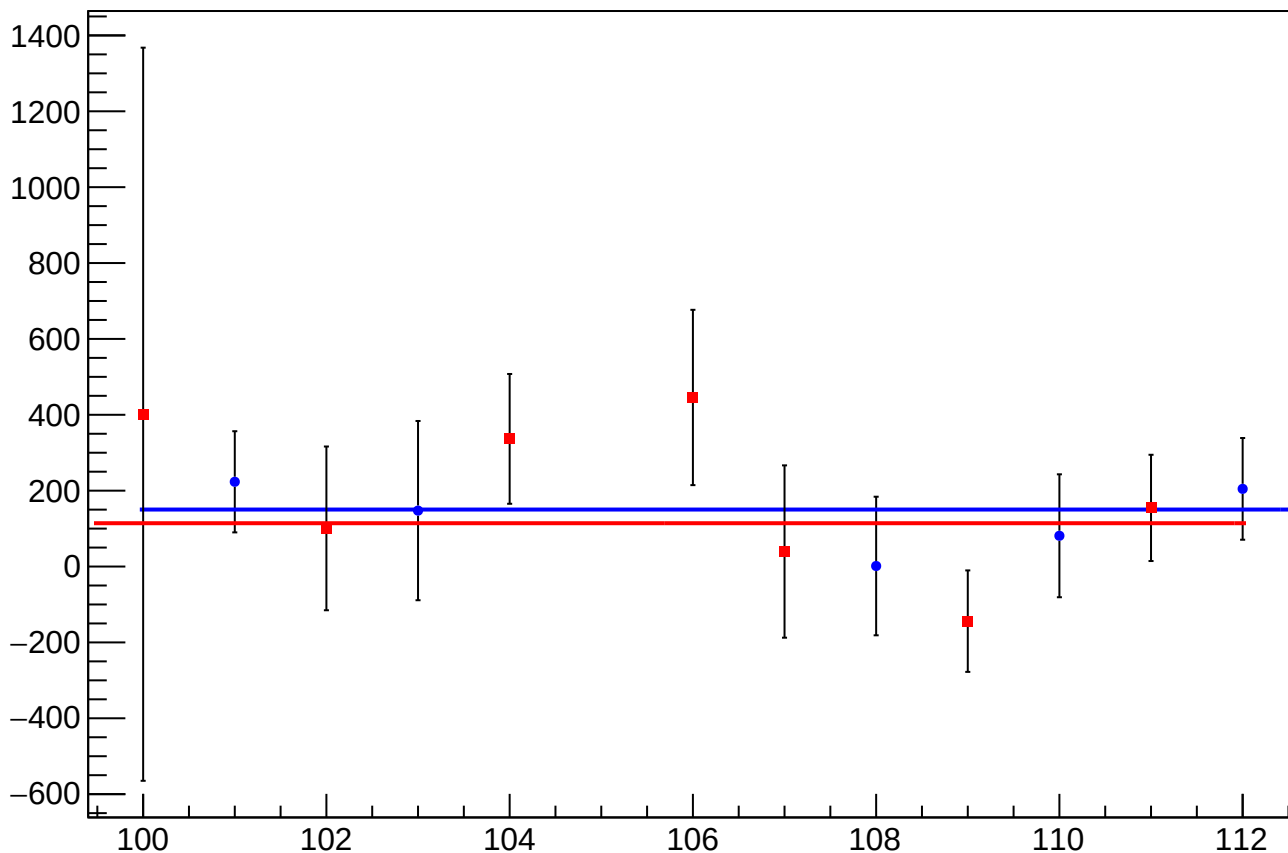
Right: 1419.734+/-0.440 χ^2/NDF : 160387.0/11

In: 1411.396+/-0.633 χ^2/NDF : 77413.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1419.734+/-0.440 χ^2/NDF : 160387.0/11

cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 150.238+/-71.088 χ^2/NDF : 1.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.204+/-70.406 χ^2/NDF : 7.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

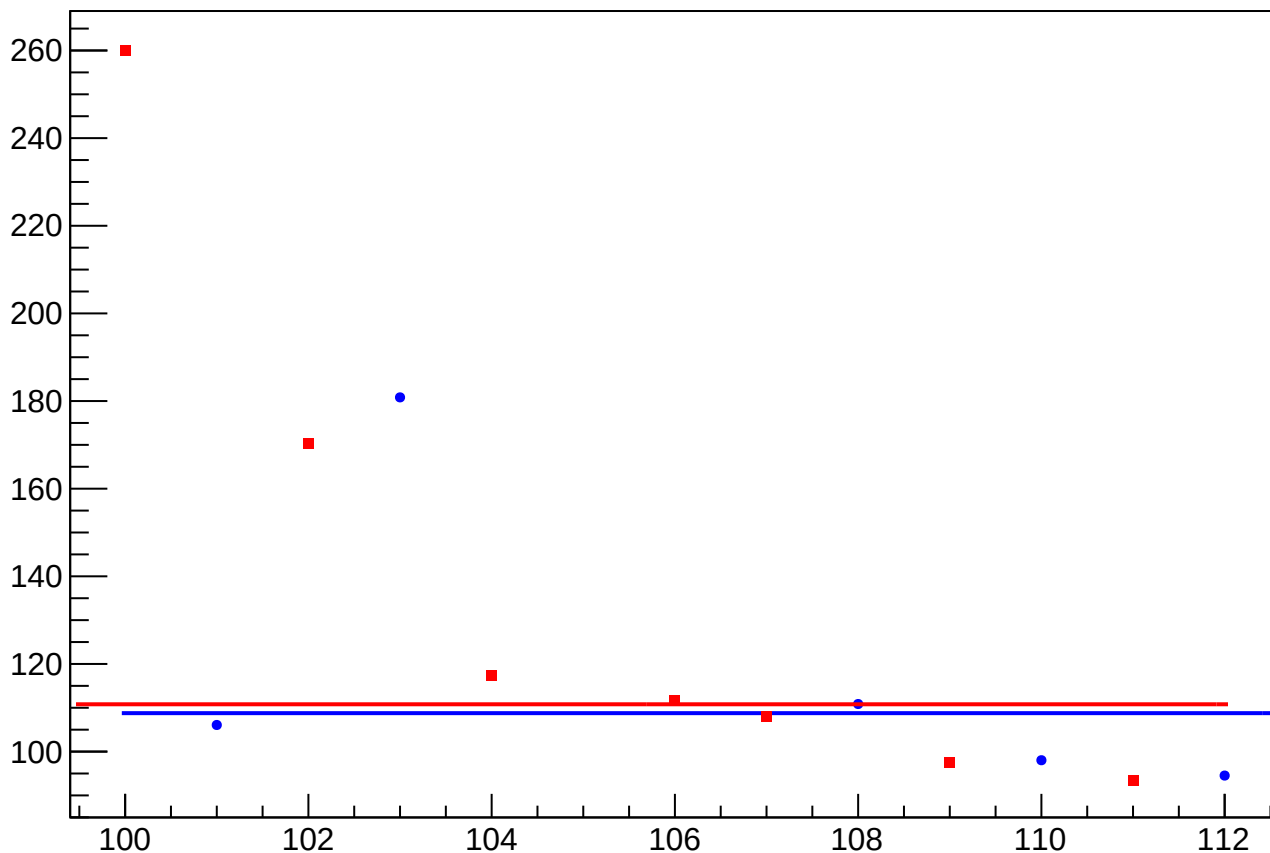
Right: 132.047+/-50.024 χ^2/NDF : 9.2/11

In: 150.238+/-71.088 χ^2/NDF : 1.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.047+/-50.024 χ^2/NDF : 9.2/11

cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 108.773+/-0.050 χ^2/NDF : 218559.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.797+/-0.050 χ^2/NDF : 254016.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

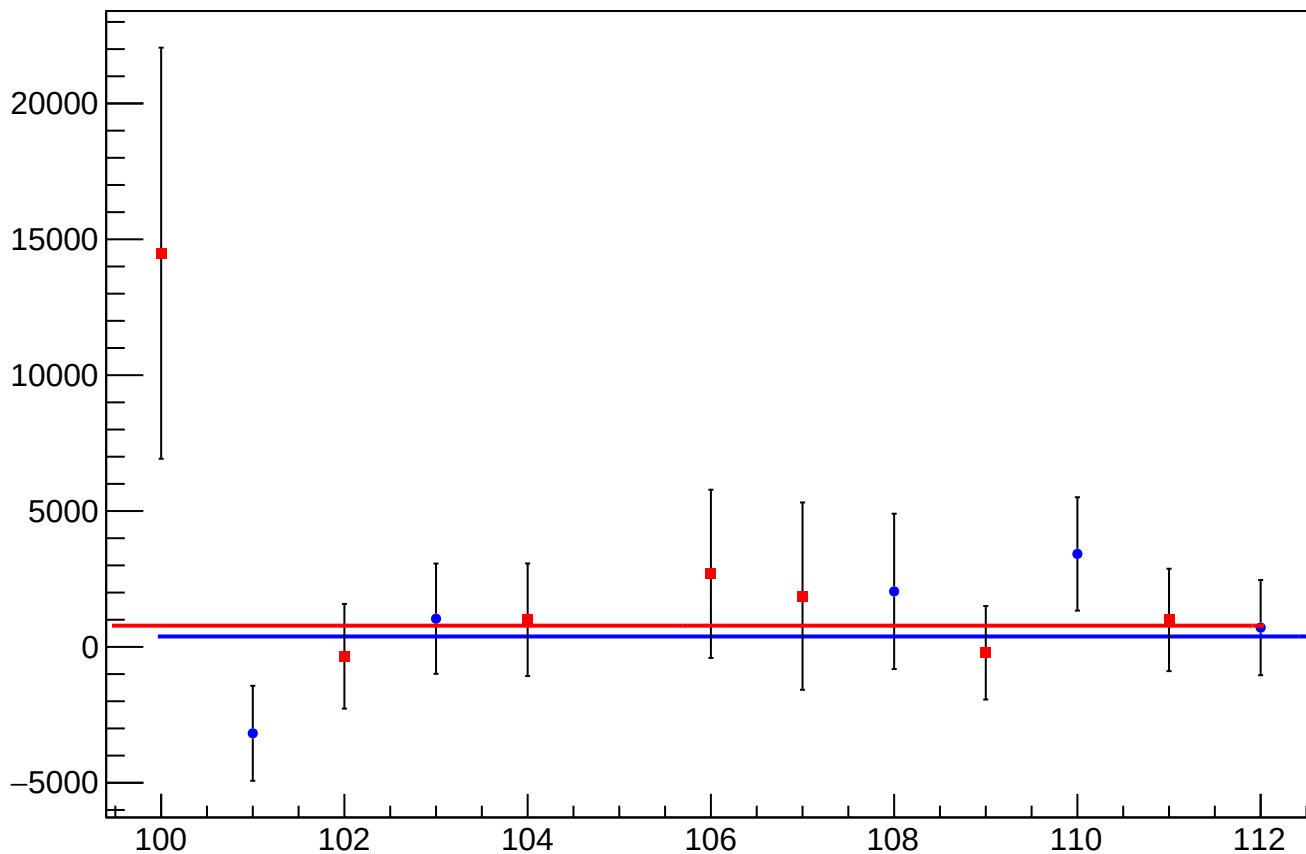
Right: 109.795+/-0.035 χ^2/NDF : 473395.3/11

In: 108.773+/-0.050 χ^2/NDF : 218559.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.795+/-0.035 χ^2/NDF : 473395.3/11

asym_sam_2468_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 384.335+/-895.121 χ^2/NDF : 6.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 781.856+/-867.833 χ^2/NDF : 4.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

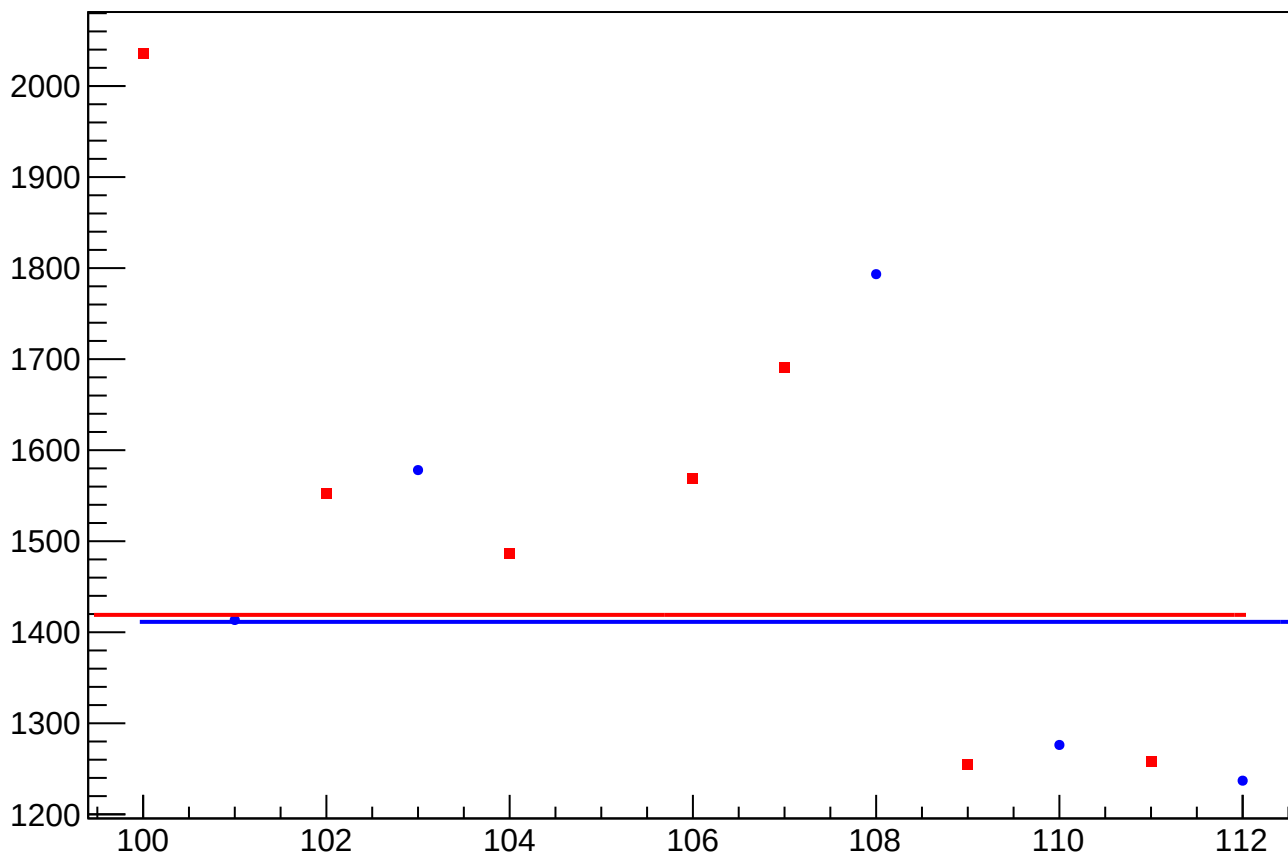
Right: 589.247+/-623.074 χ^2/NDF : 11.3/11

In: 384.335+/-895.121 χ^2/NDF : 6.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 589.247+/-623.074 χ^2/NDF : 11.3/11

asym_sam_2468_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1411.412+/-0.633 χ^2/NDF : 77429.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1419.087+/-0.614 χ^2/NDF : 74837.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

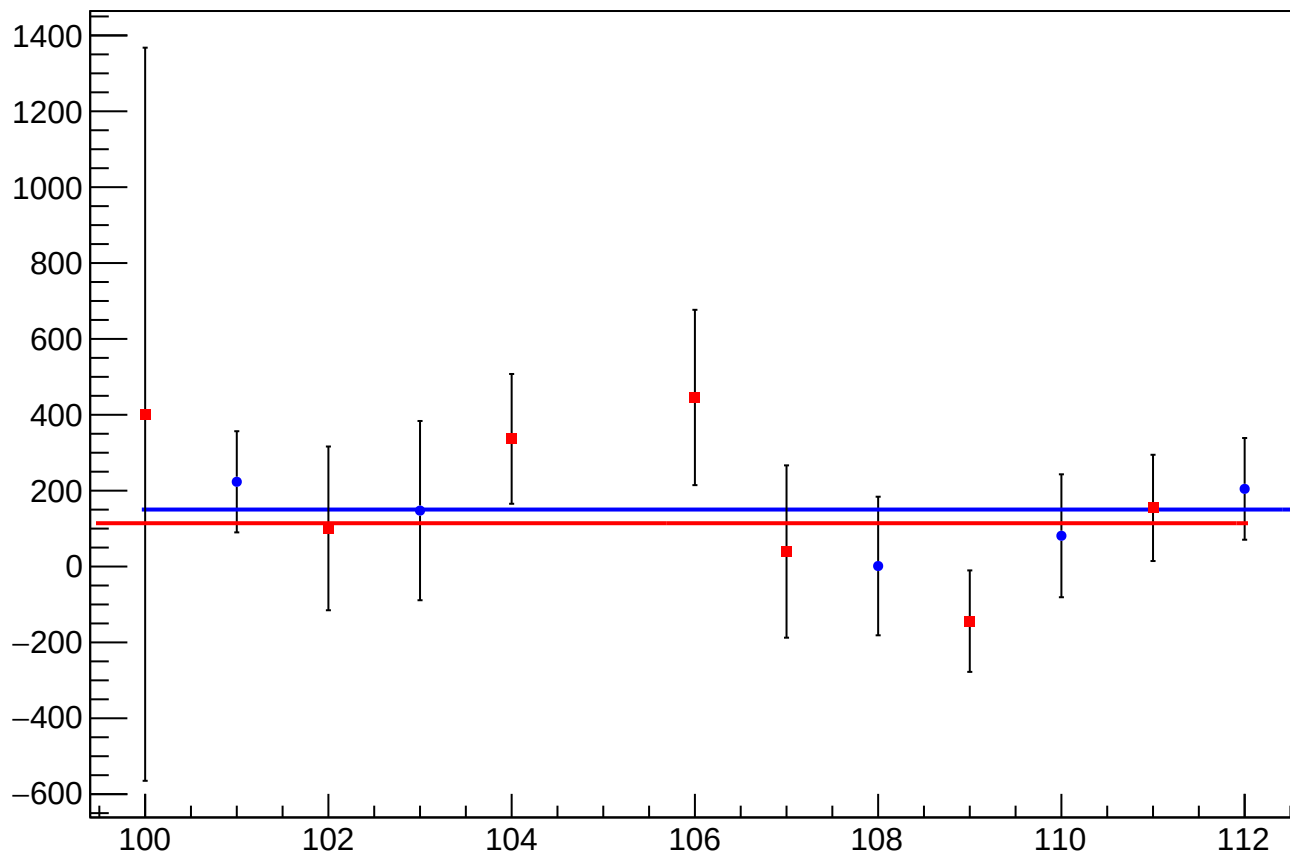
Right: 1415.368+/-0.441 χ^2/NDF : 152342.5/11

In: 1411.412+/-0.633 χ^2/NDF : 77429.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1415.368+/-0.441 χ^2/NDF : 152342.5/11

eigen_cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 150.238+/-71.088 χ^2/NDF : 1.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.204+/-70.406 χ^2/NDF : 7.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

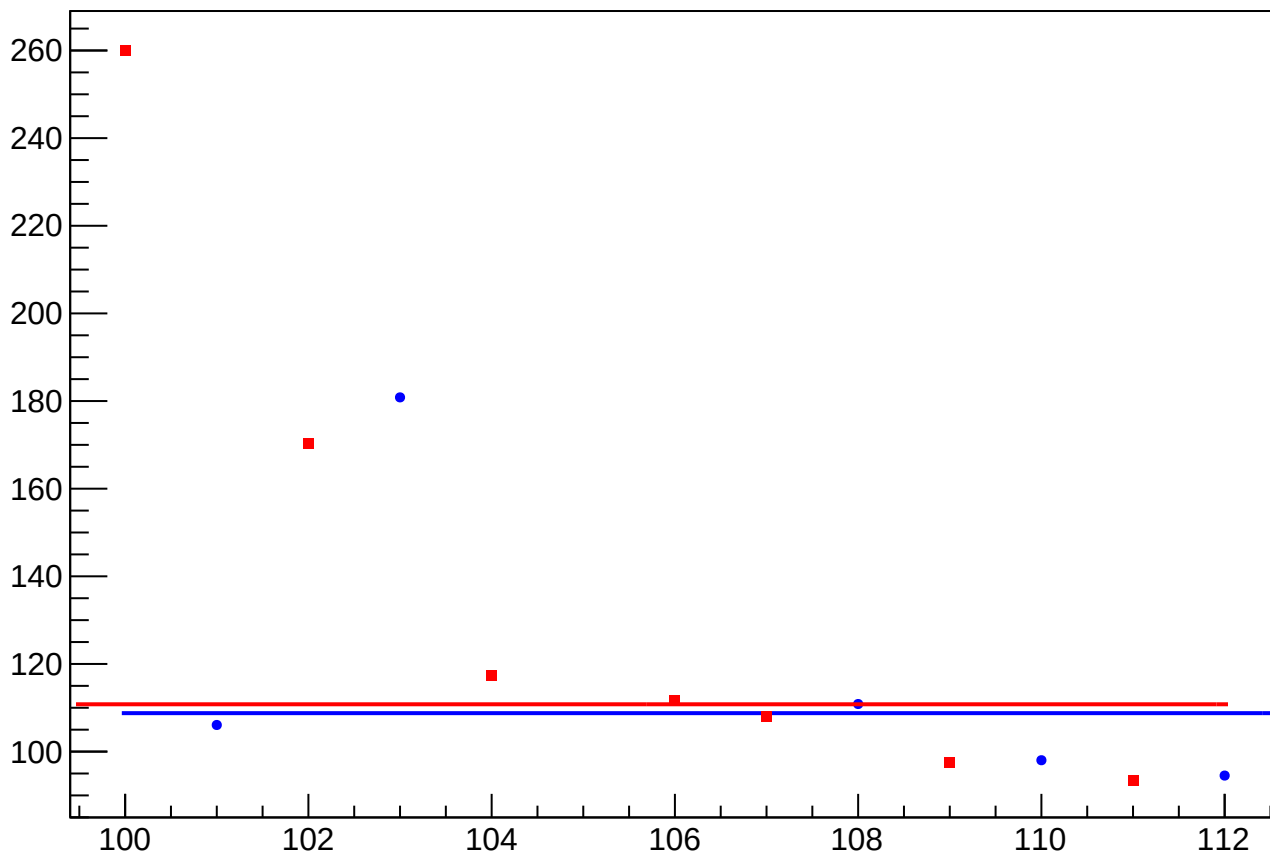
Right: 132.047+/-50.024 χ^2/NDF : 9.2/11

In: 150.238+/-71.088 χ^2/NDF : 1.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.047+/-50.024 χ^2/NDF : 9.2/11

eigen_cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 108.773+/-0.050 χ^2/NDF : 218559.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.797+/-0.050 χ^2/NDF : 254016.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

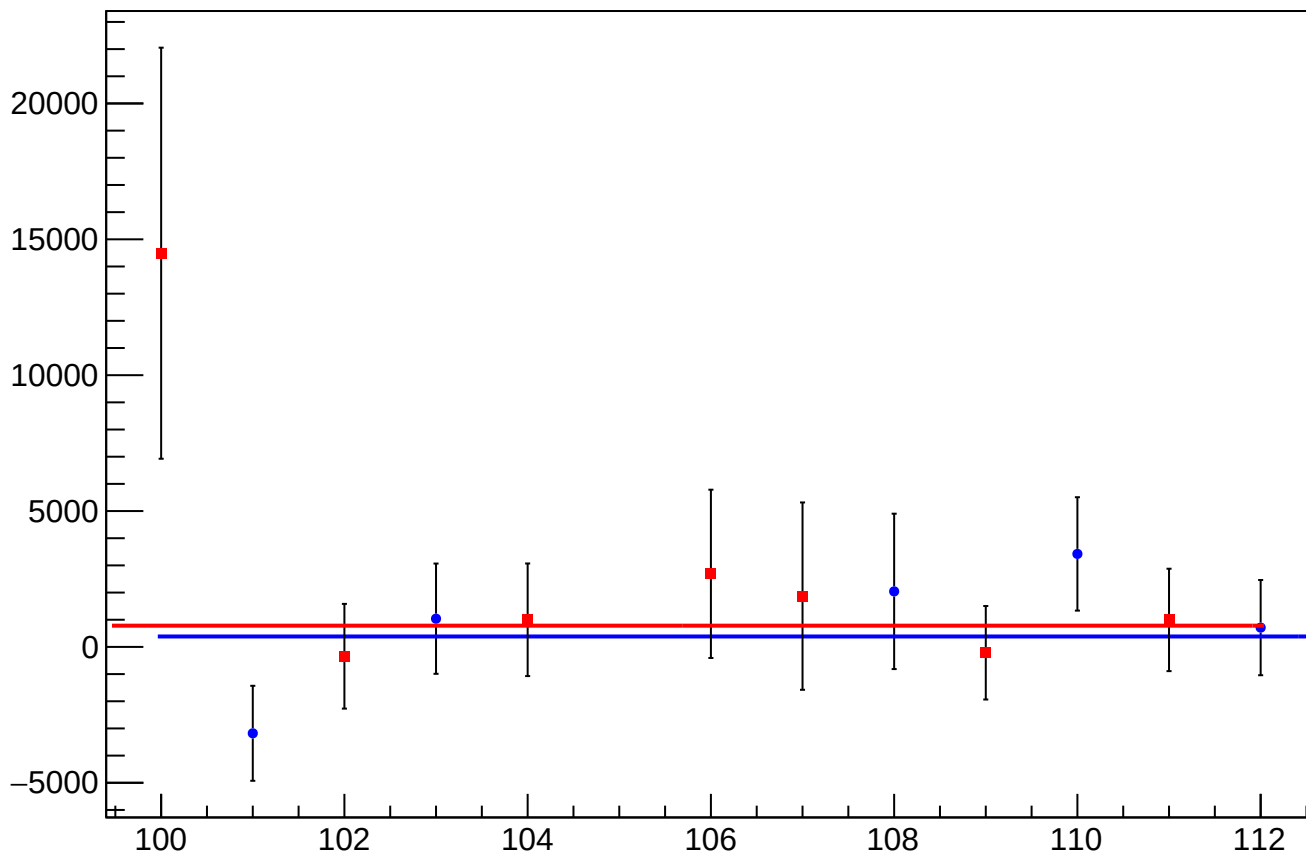
Right: 109.795+/-0.035 χ^2/NDF : 473395.3/11

In: 108.773+/-0.050 χ^2/NDF : 218559.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.795+/-0.035 χ^2/NDF : 473395.3/11

asym_sam_2468_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 384.335+/-895.121 χ^2/NDF : 6.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 781.856+/-867.833 χ^2/NDF : 4.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

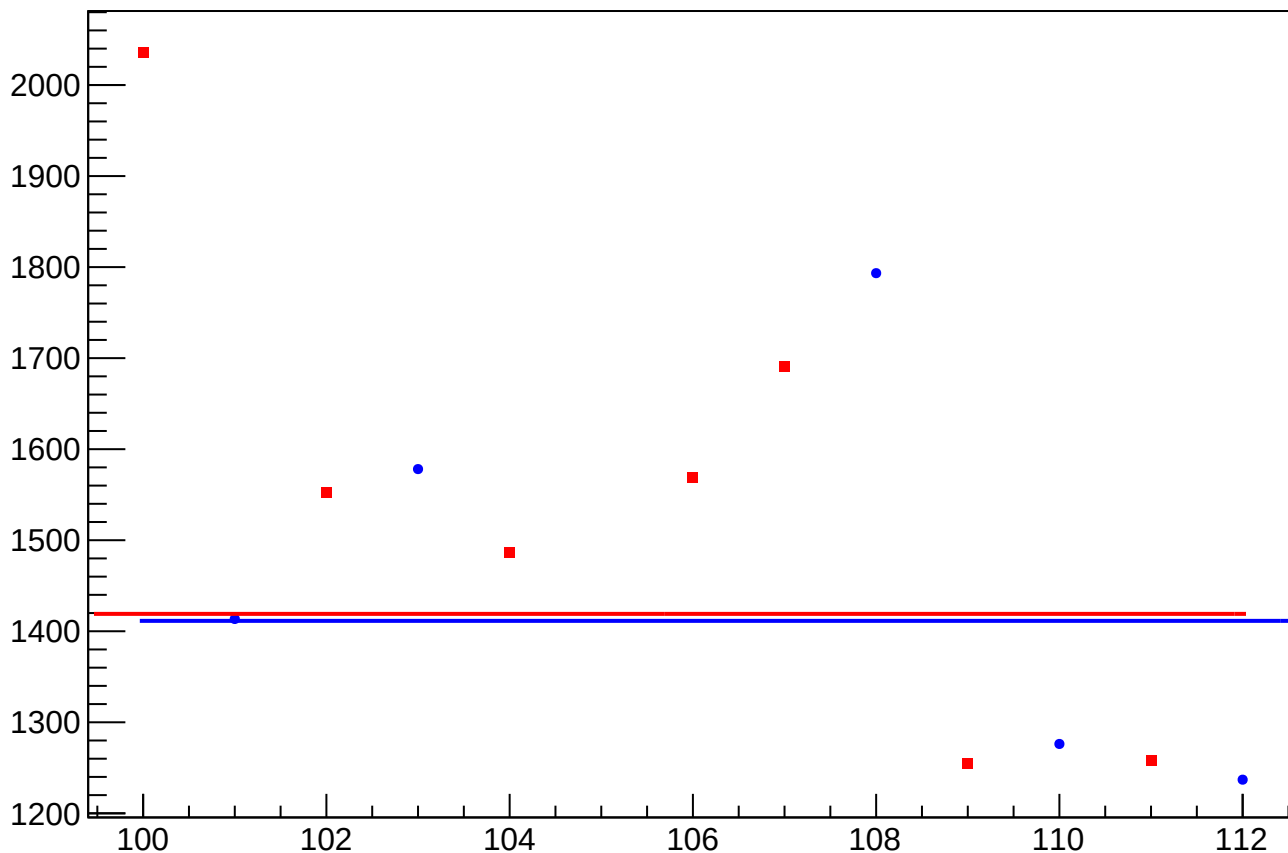
Right: 589.247+/-623.074 χ^2/NDF : 11.3/11

In: 384.335+/-895.121 χ^2/NDF : 6.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 589.247+/-623.074 χ^2/NDF : 11.3/11

asym_sam_2468_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1411.412+/-0.633 χ^2/NDF : 77429.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1419.087+/-0.614 χ^2/NDF : 74837.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

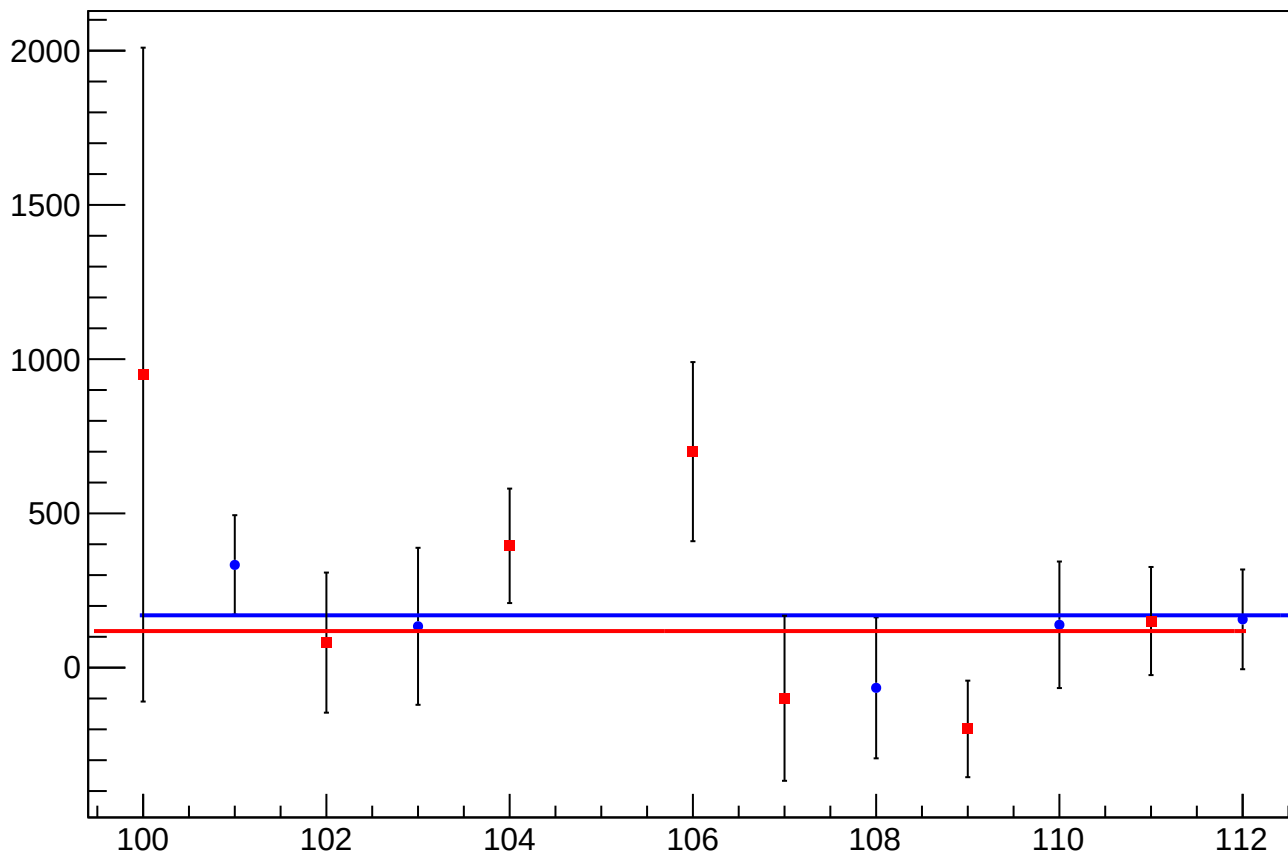
Right: 1415.368+/-0.441 χ^2/NDF : 152342.5/11

In: 1411.412+/-0.633 χ^2/NDF : 77429.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1415.368+/-0.441 χ^2/NDF : 152342.5/11

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 169.652 $\pm$ 86.031 χ^2 /NDF: 2.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 118.571 $\pm$ 82.035 χ^2 /NDF: 11.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

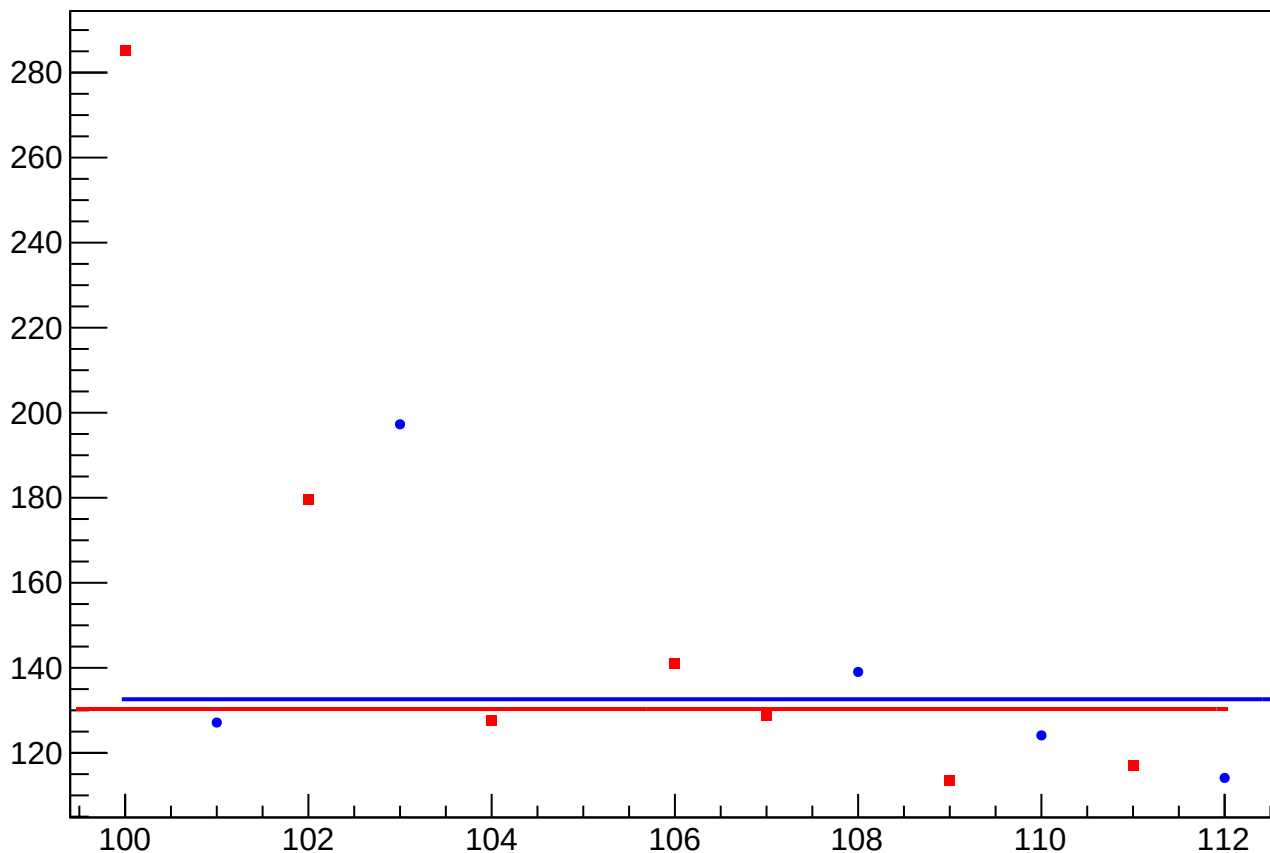
Right: 142.898 $\pm$ 59.370 χ^2 /NDF: 14.0/11

In: 169.652 $\pm$ 86.031 χ^2 /NDF:2.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 142.898 $\pm$ 59.370 χ^2 /NDF: 14.0/11

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 132.615+/-0.061 χ^2/NDF : 162687.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.312+/-0.058 χ^2/NDF : 174702.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

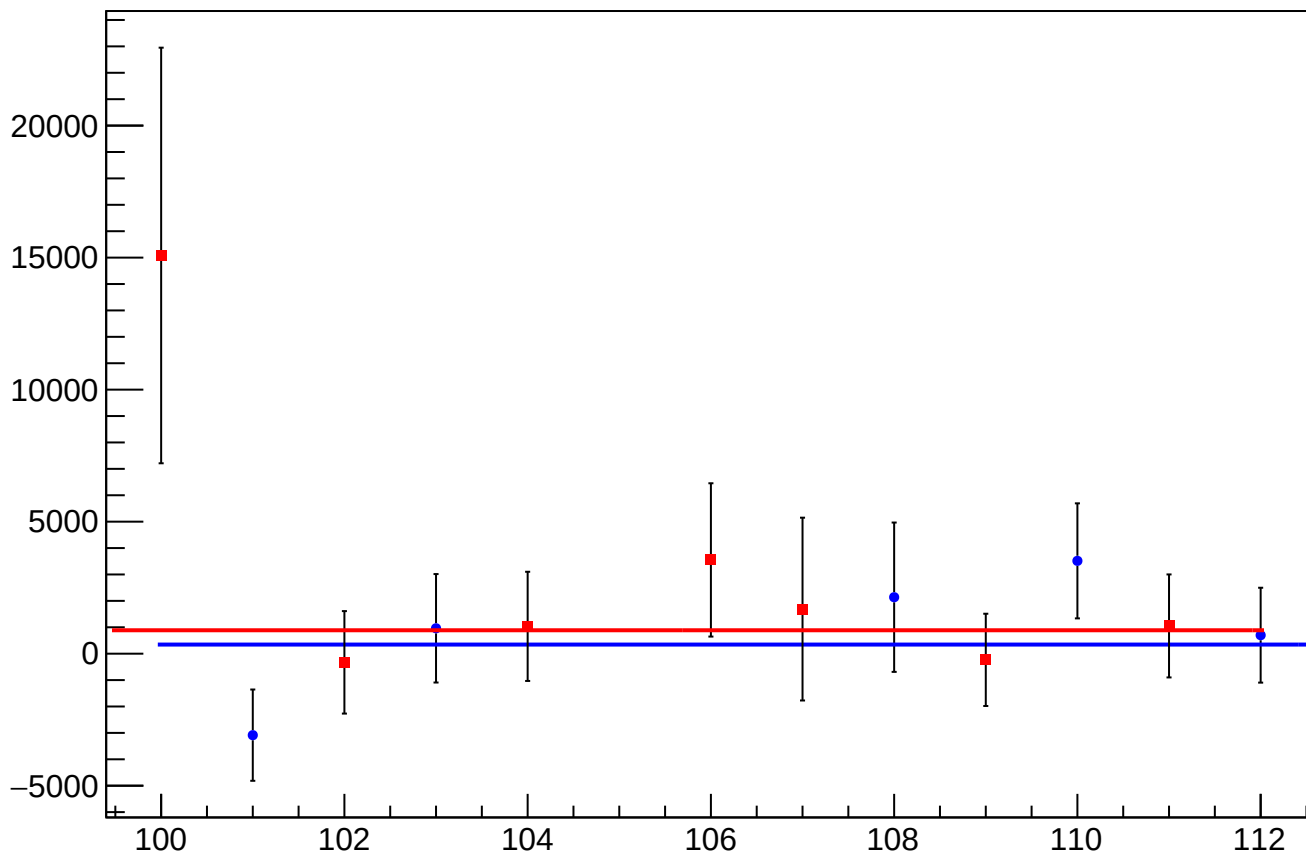
Right: 131.409+/-0.042 χ^2/NDF : 338140.9/11

In: 132.615+/-0.061 χ^2/NDF : 162687.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.409+/-0.042 χ^2/NDF : 338140.9/11

asym_sam_2468_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 345.323+/-906.387 χ^2/NDF : 6.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 886.937+/-874.295 χ^2/NDF : 5.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

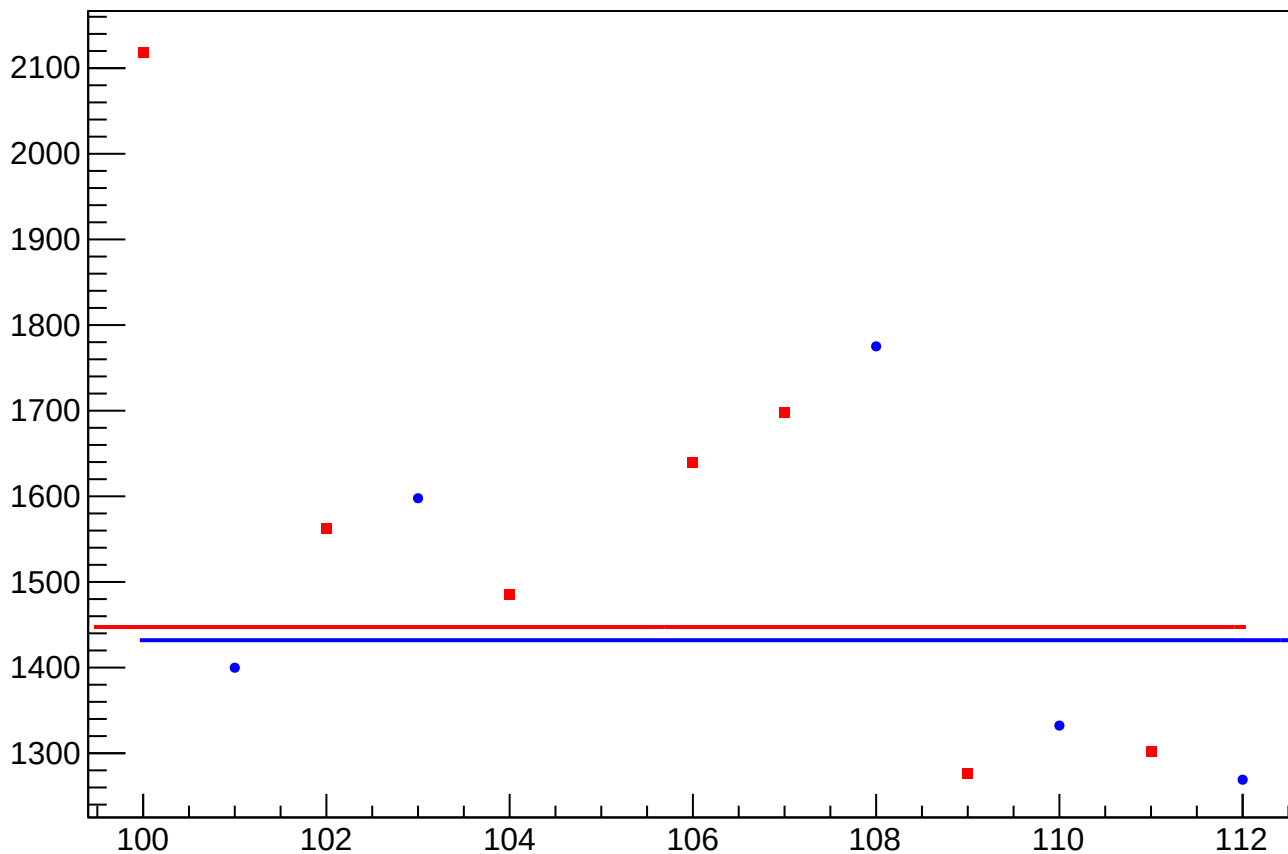
Right: 625.888+/-629.259 χ^2/NDF : 11.7/11

In: 345.323+/-906.387 χ^2/NDF : 6.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 625.888+/-629.259 χ^2/NDF : 11.7/11

asym_sam_2468_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1431.976+/-0.641 χ^2/NDF : 63804.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1447.422+/-0.618 χ^2/NDF : 71708.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

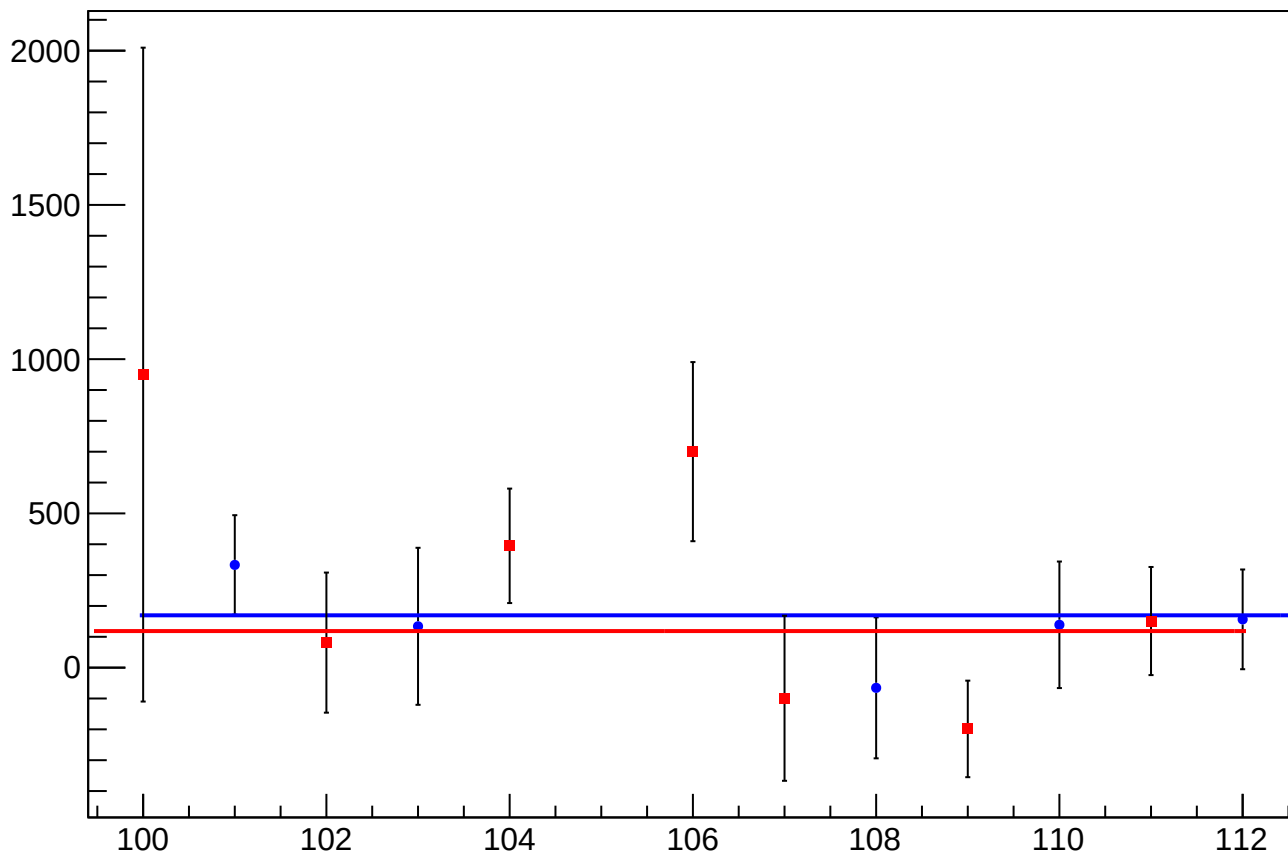
Right: 1439.977+/-0.445 χ^2/NDF : 135814.3/11

In: 1431.976+/-0.641 χ^2/NDF : 63804.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1439.977+/-0.445 χ^2/NDF : 135814.3/11

eigen_dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 169.645 $\pm$ 86.030 χ^2 /NDF: 2.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 118.571 $\pm$ 82.034 χ^2 /NDF: 11.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

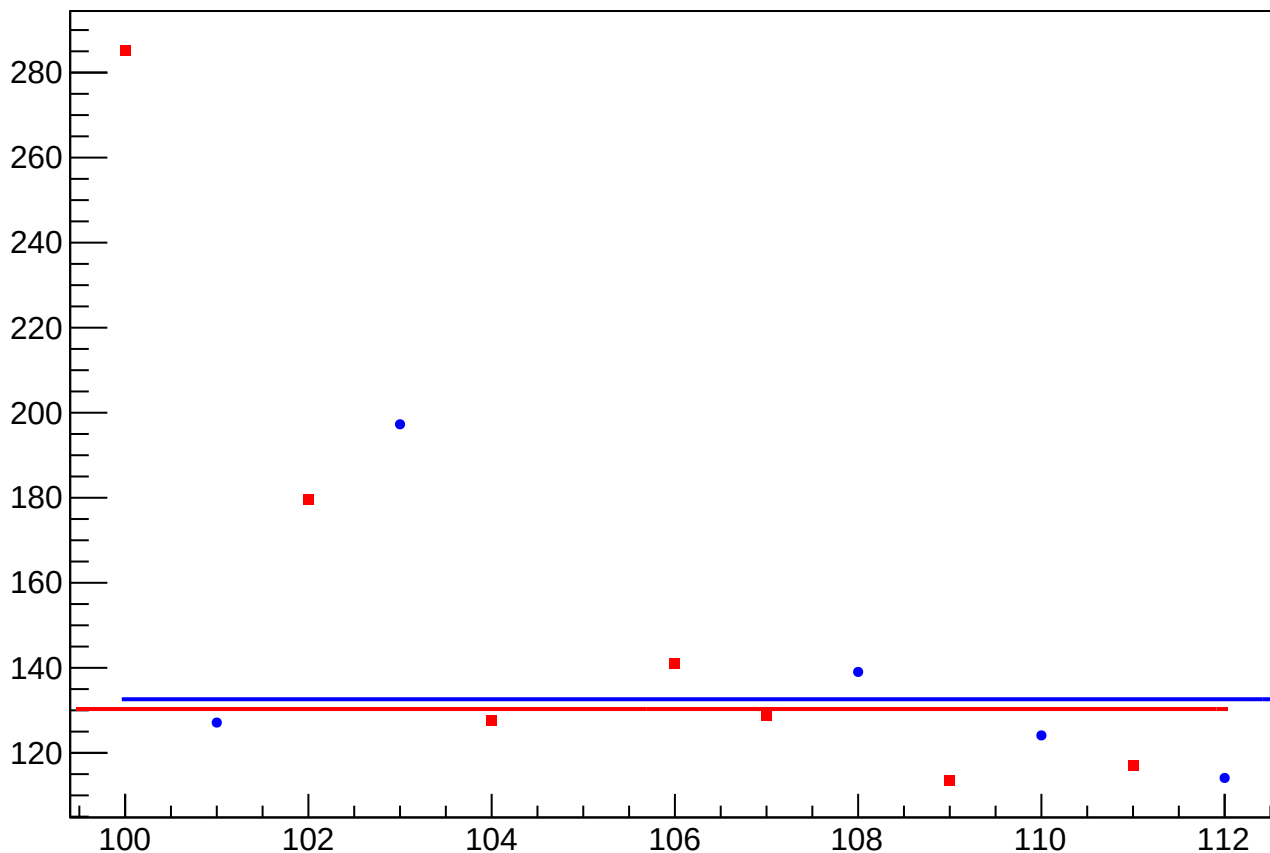
Right: 142.894 $\pm$ 59.369 χ^2 /NDF: 14.0/11

In: 169.645 $\pm$ 86.030 χ^2 /NDF:2.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 142.894 $\pm$ 59.369 χ^2 /NDF: 14.0/11

eigen_dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 132.613+/-0.061 χ^2/NDF : 162696.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.311+/-0.058 χ^2/NDF : 174708.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

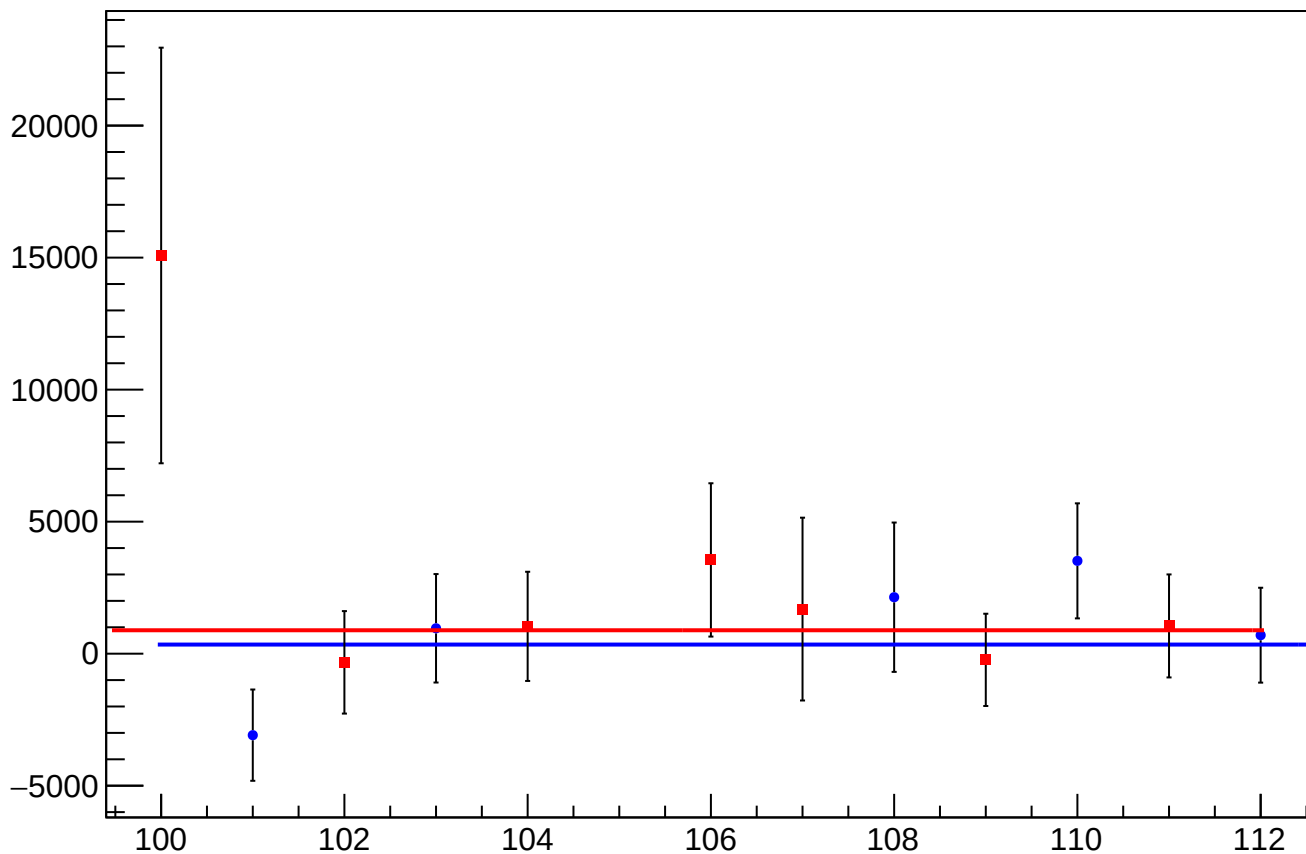
Right: 131.407+/-0.042 χ^2/NDF : 338155.8/11

In: 132.613+/-0.061 χ^2/NDF : 162696.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.407+/-0.042 χ^2/NDF : 338155.8/11

asym_sam_2468_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 345.324+/-906.383 χ^2/NDF : 6.6/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 886.935+/-874.293 χ^2/NDF : 5.0/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

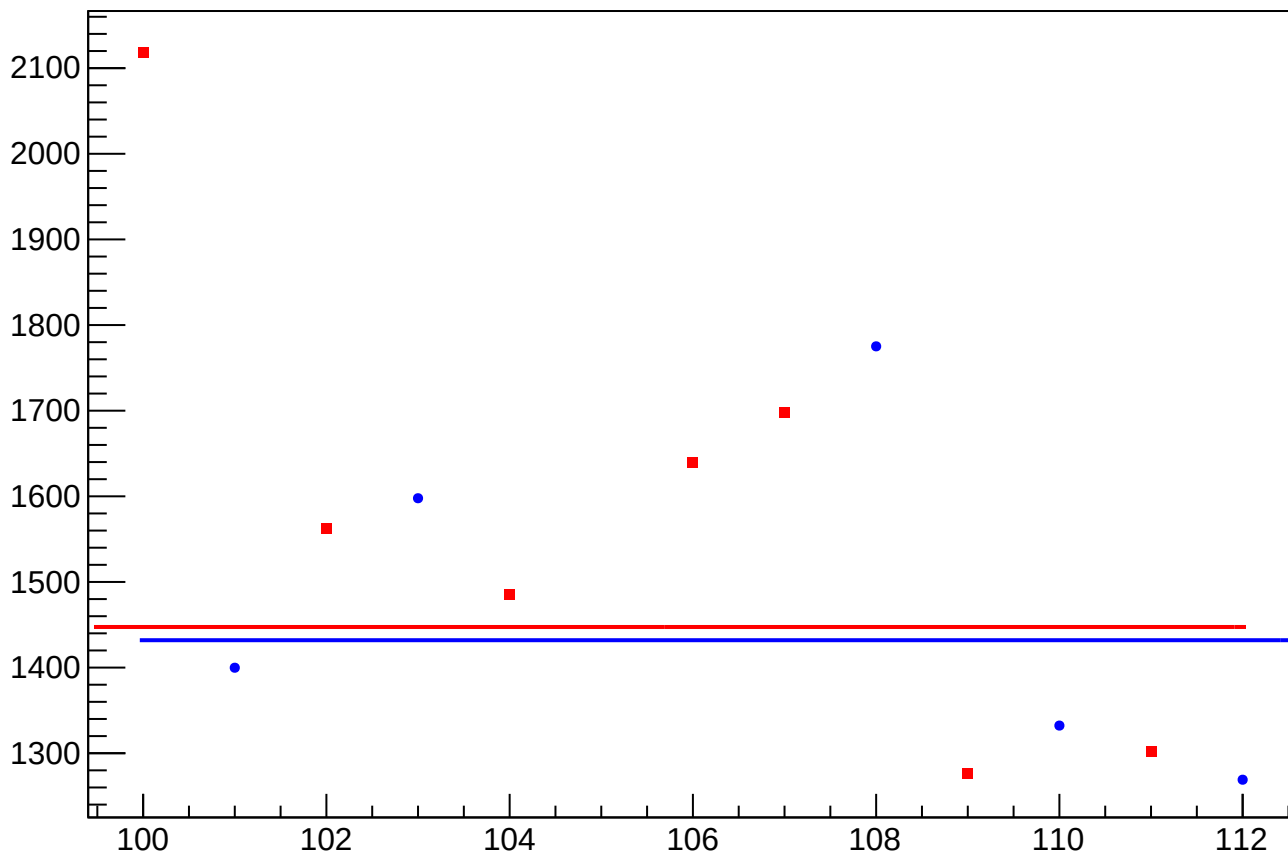
Right: 625.887+/-629.257 χ^2/NDF : 11.7/11

In: 345.324+/-906.383 χ^2/NDF :6.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 625.887+/-629.257 χ^2/NDF : 11.7/11

asym_sam_2468_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1431.970+/-0.641 χ^2/NDF : 63806.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1447.417+/-0.618 χ^2/NDF : 71710.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

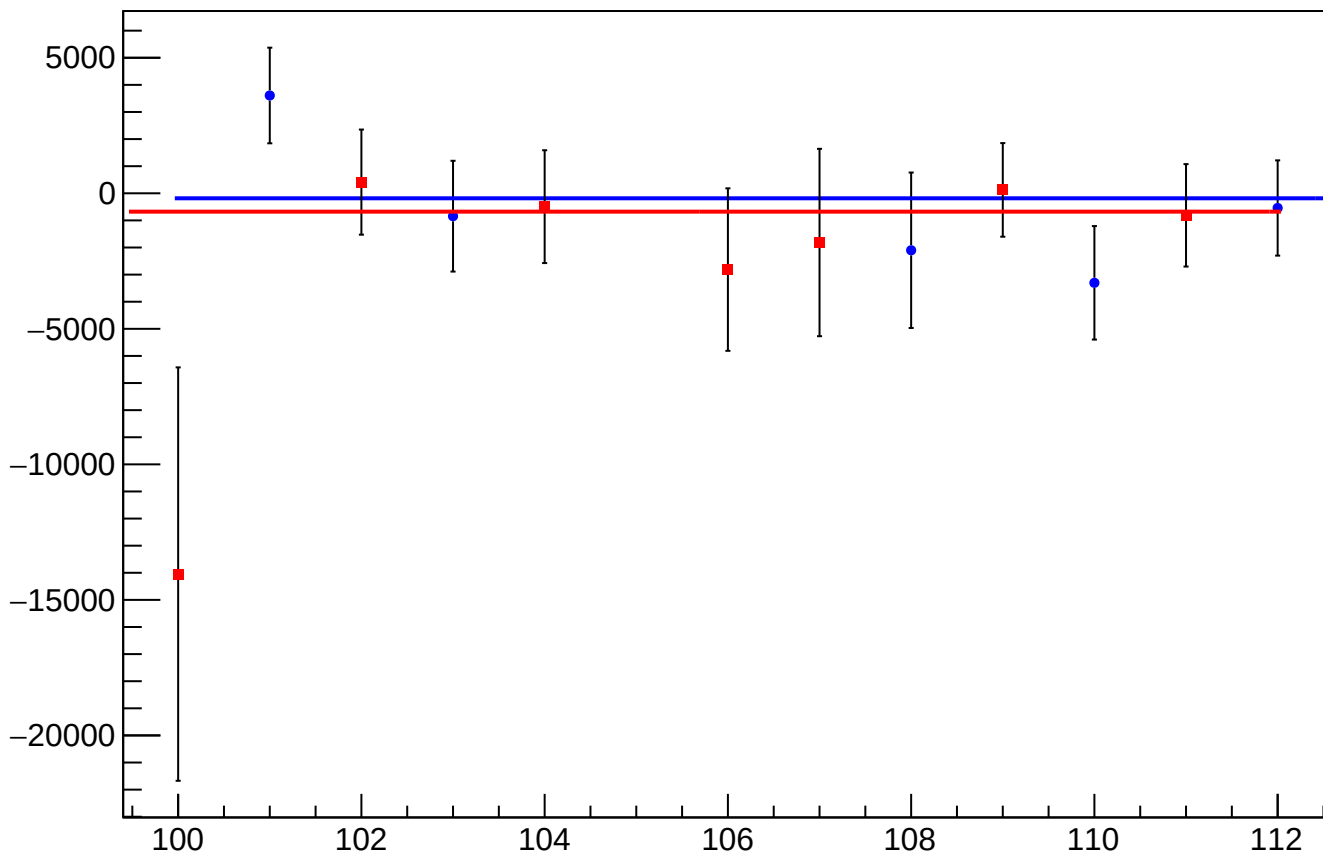
Right: 1439.972+/-0.445 χ^2/NDF : 135818.0/11

In: 1431.970+/-0.641 χ^2/NDF : 63806.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1439.972+/-0.445 χ^2/NDF : 135818.0/11

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: -184.403+/-900.036 χ^2/NDF : 7.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -676.859+/-868.879 χ^2/NDF : 4.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

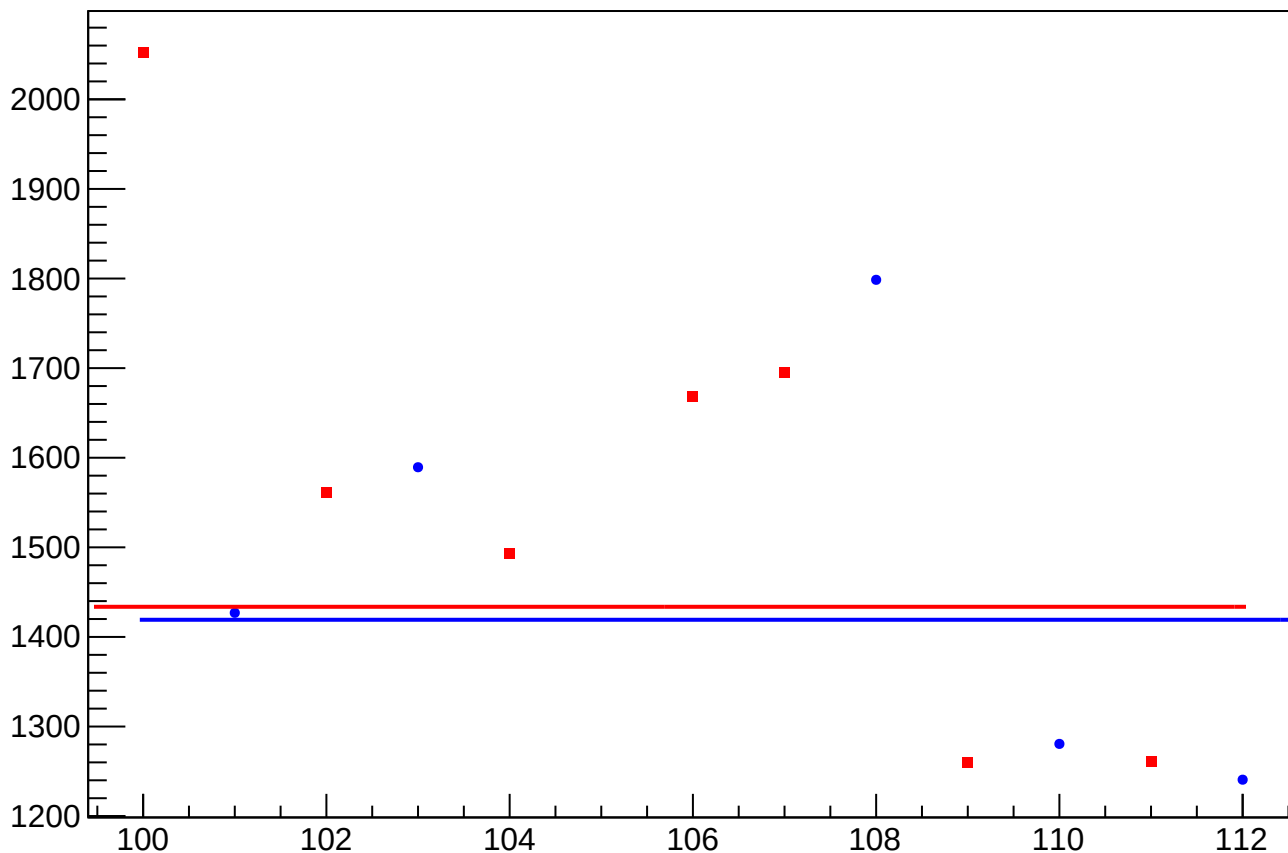
Right: -439.302+/-625.115 χ^2/NDF : 11.8/11

In: -184.403+/-900.036 χ^2/NDF : 7.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -439.302+/-625.115 χ^2/NDF : 11.8/11

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1419.155+/-0.636 χ^2/NDF : 78322.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1433.650+/-0.614 χ^2/NDF : 84104.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

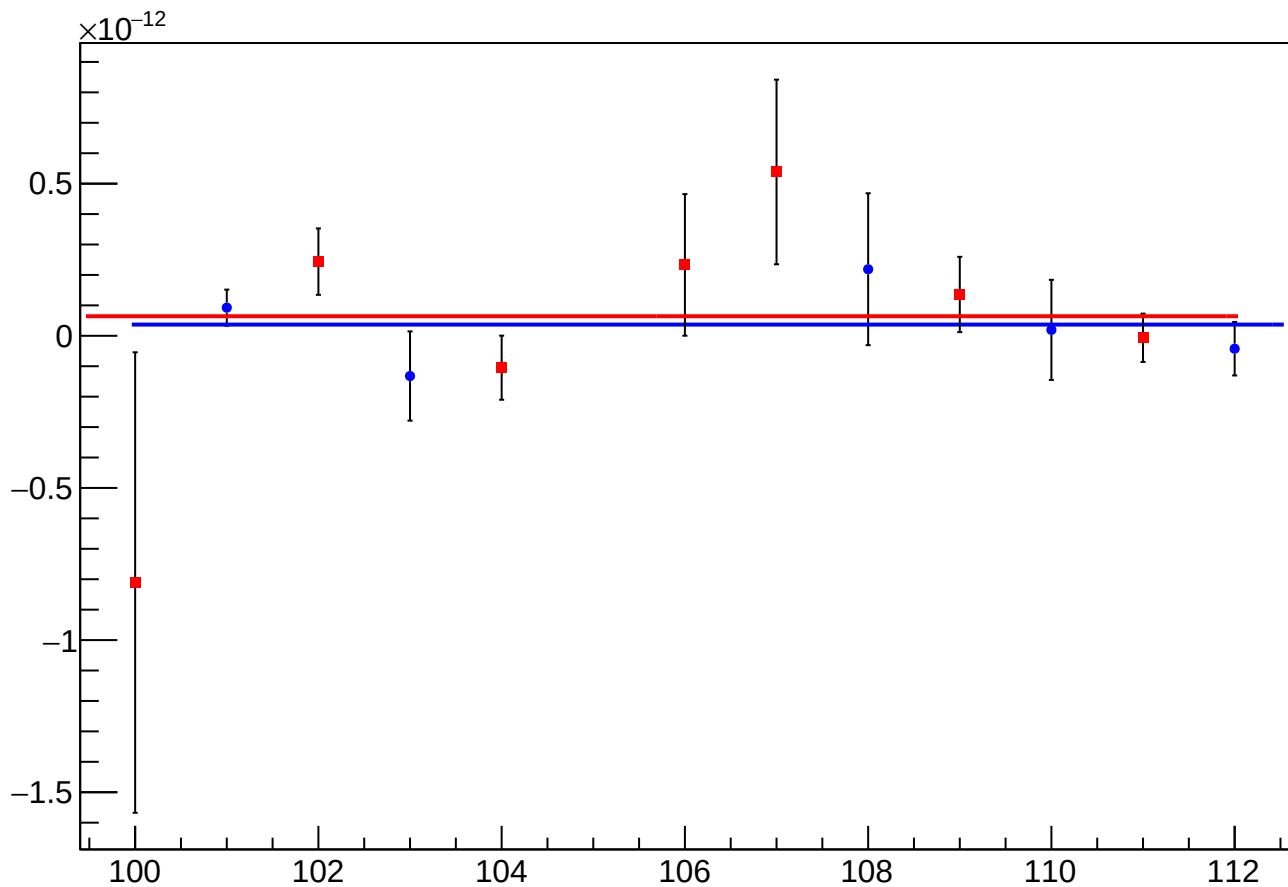
Right: 1426.658+/-0.442 χ^2/NDF : 162695.0/11

In: 1419.155+/-0.636 χ^2/NDF : 78322.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1426.658+/-0.442 χ^2/NDF : 162695.0/11

asym_sam_2468_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

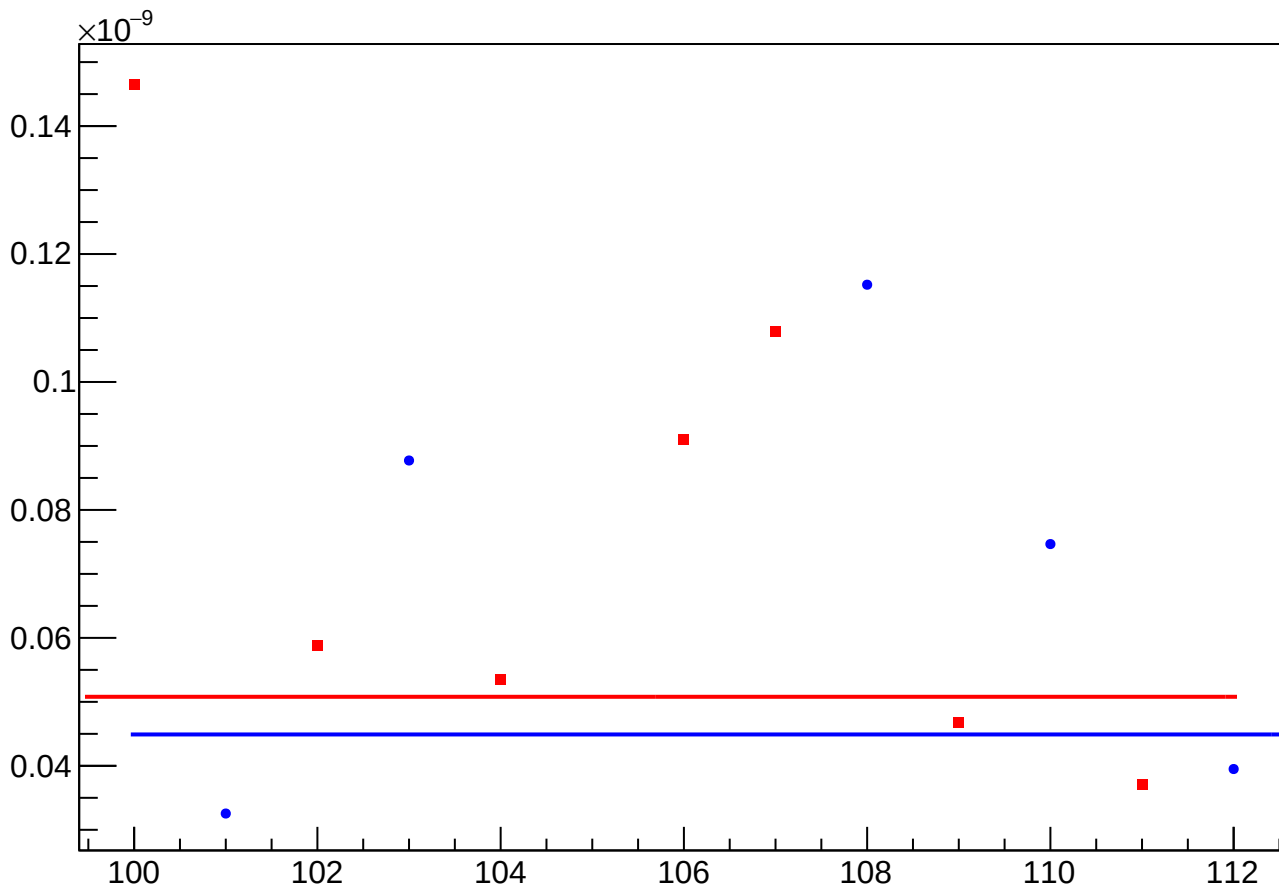
Right: 0.000+/-0.000 χ^2/NDF : 14.5/11

In: 0.000+/-0.000 χ^2/NDF : 3.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.5/11

asym_sam_2468_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 489181.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 236132.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

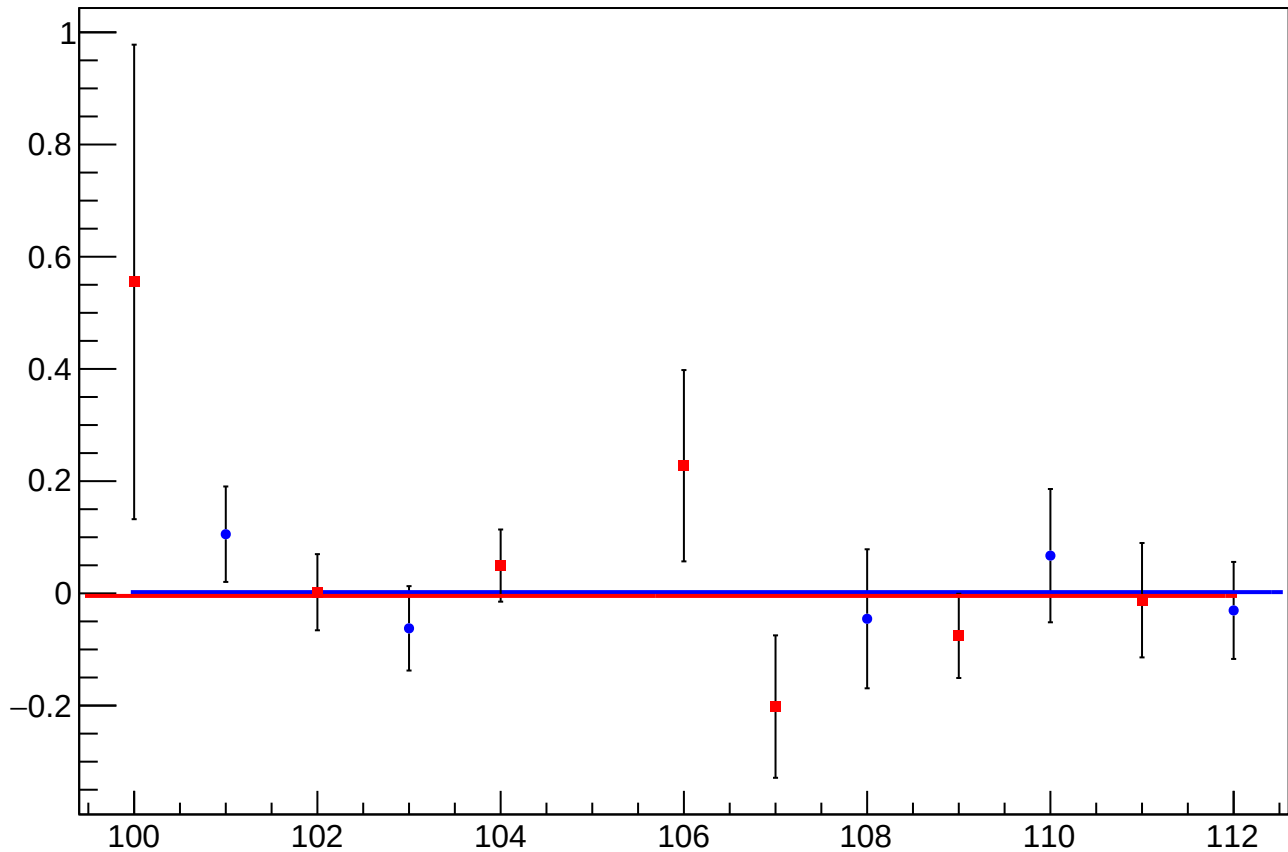
Right: 0.000+/-0.000 χ^2/NDF : 741529.1/11

In: 0.000+/-0.000 χ^2/NDF : 489181.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 741529.1/11

asym_sam_2468_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.041 χ^2 /NDF: 2.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.005 $\pm$ 0.035 χ^2 /NDF: 7.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

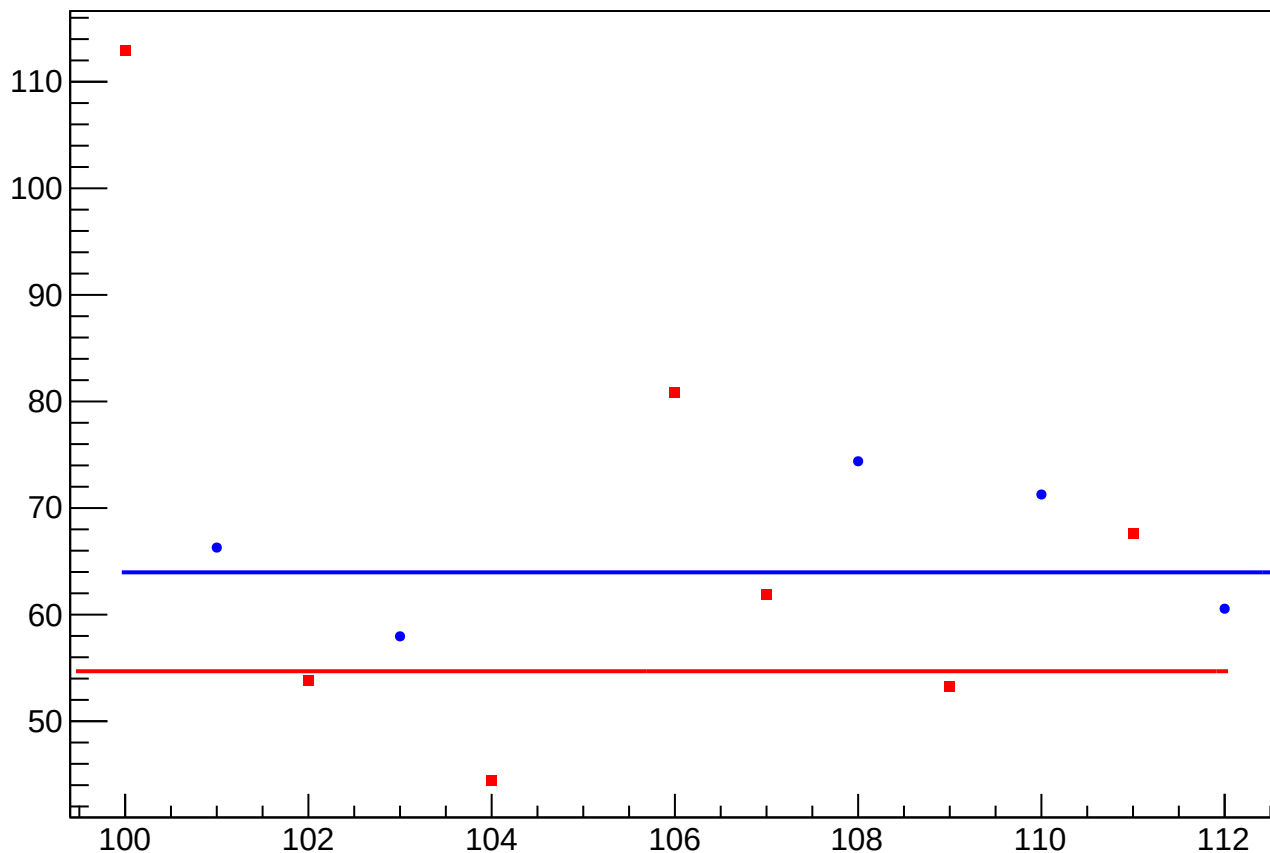
Right: -0.002 $\pm$ 0.027 χ^2 /NDF: 10.5/11

In: 0.002 $\pm$ 0.041 χ^2 /NDF:2.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.002 $\pm$ 0.027 χ^2 /NDF: 10.5/11

asym_sam_2468_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.968 $\pm$ 0.029 χ^2 /NDF: 39055.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 54.689 $\pm$ 0.024 χ^2 /NDF: 174999.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

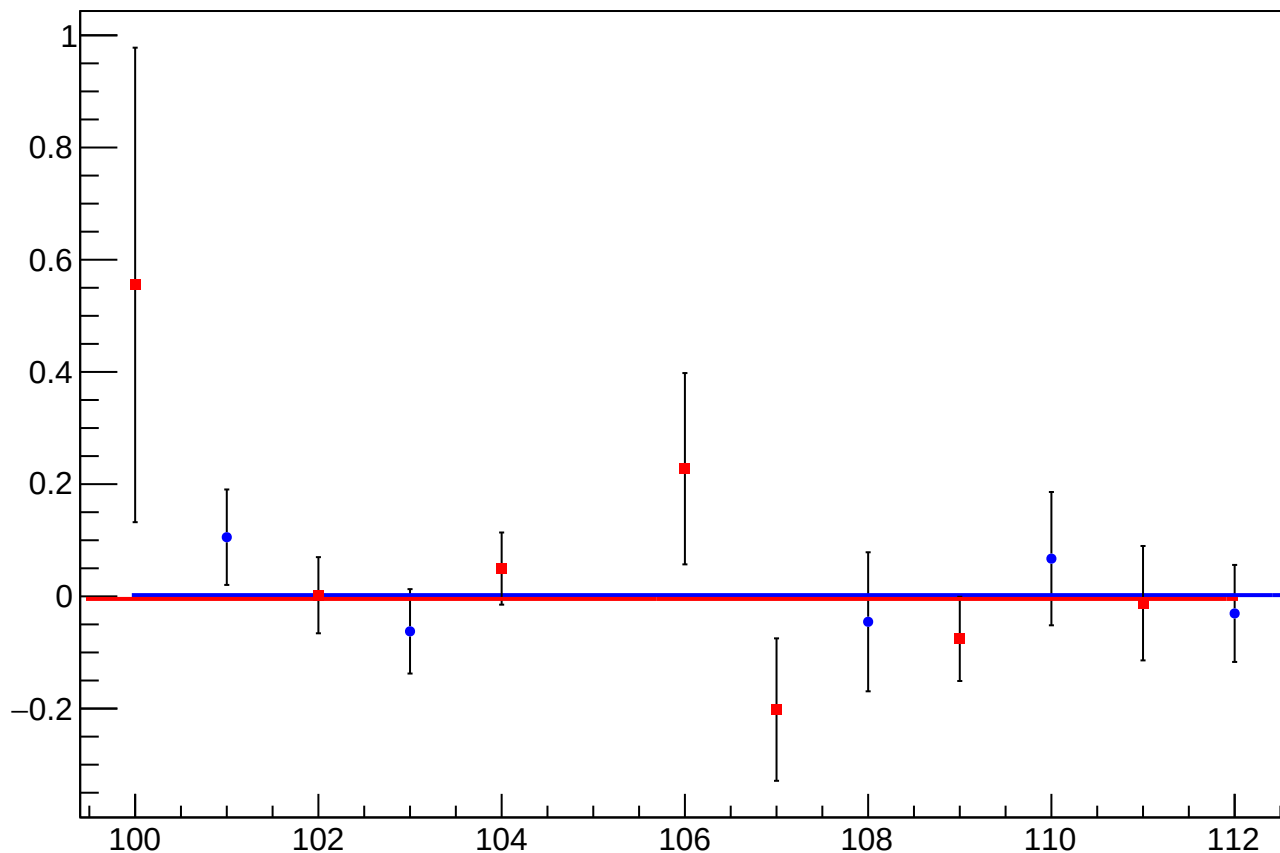
Right: 58.511 $\pm$ 0.019 χ^2 /NDF: 273265.7/11

In: 63.968 $\pm$ 0.029 χ^2 /NDF:39055.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 58.511 $\pm$ 0.019 χ^2 /NDF: 273265.7/11

asym_sam_2468_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.041 χ^2 /NDF: 2.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.005 $\pm$ 0.035 χ^2 /NDF: 7.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

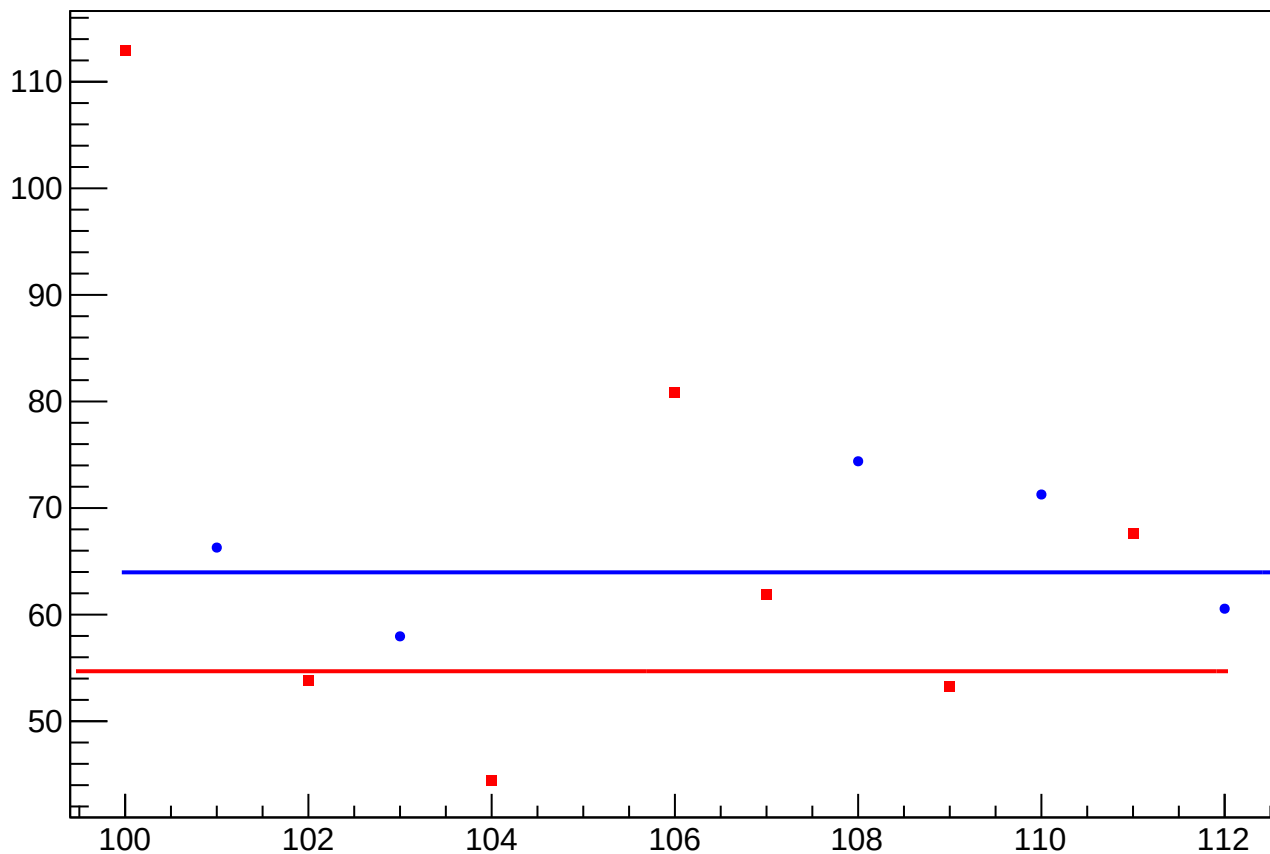
Right: -0.002 $\pm$ 0.027 χ^2 /NDF: 10.5/11

In: 0.002 $\pm$ 0.041 χ^2 /NDF:2.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.002 $\pm$ 0.027 χ^2 /NDF: 10.5/11

asym_sam_2468_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.968+/-0.029 χ^2/NDF : 39055.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.689+/-0.024 χ^2/NDF : 174999.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

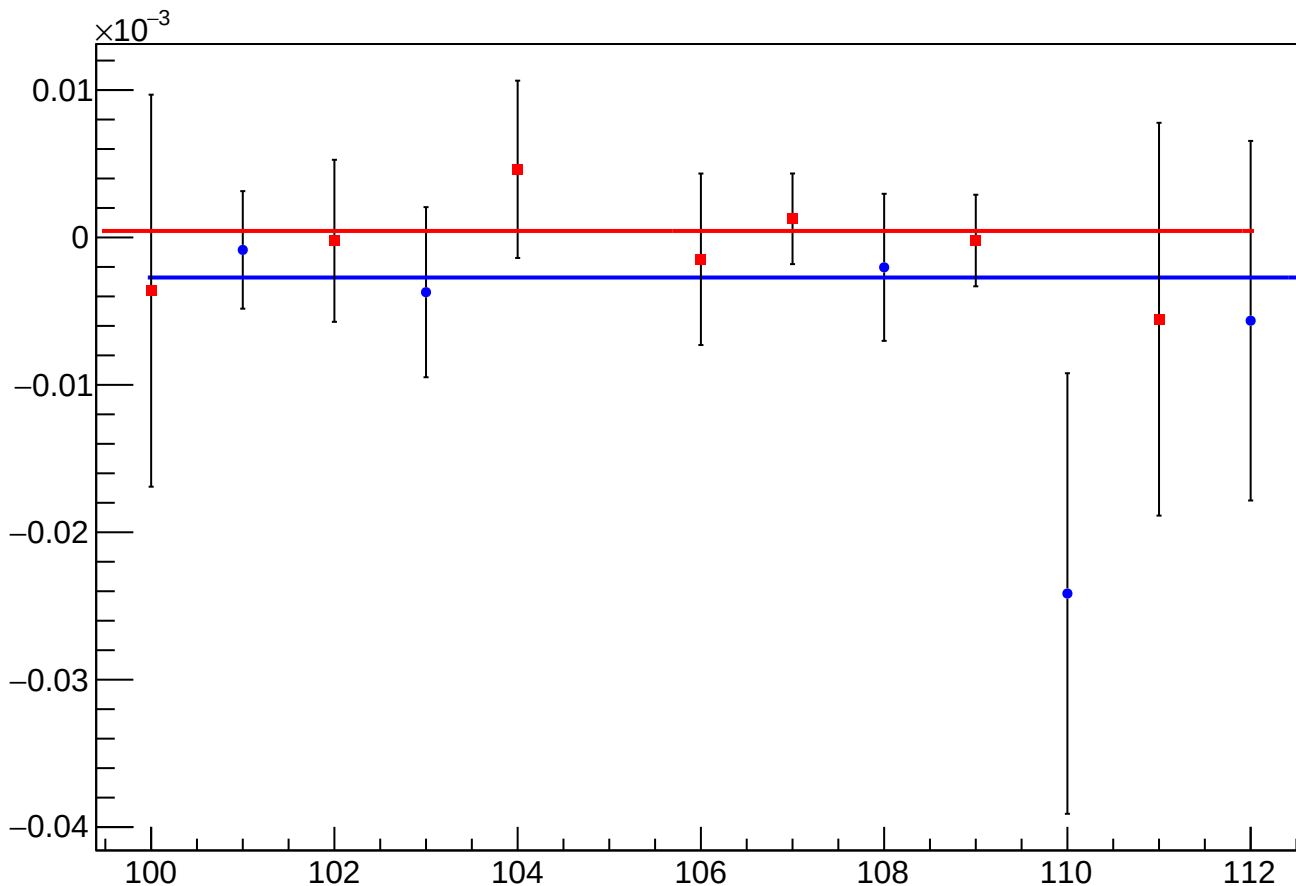
Right: 58.511+/-0.019 χ^2/NDF : 273265.7/11

In: 63.968+/-0.029 χ^2/NDF : 39055.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.511+/-0.019 χ^2/NDF : 273265.7/11

asym_sam_2468_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

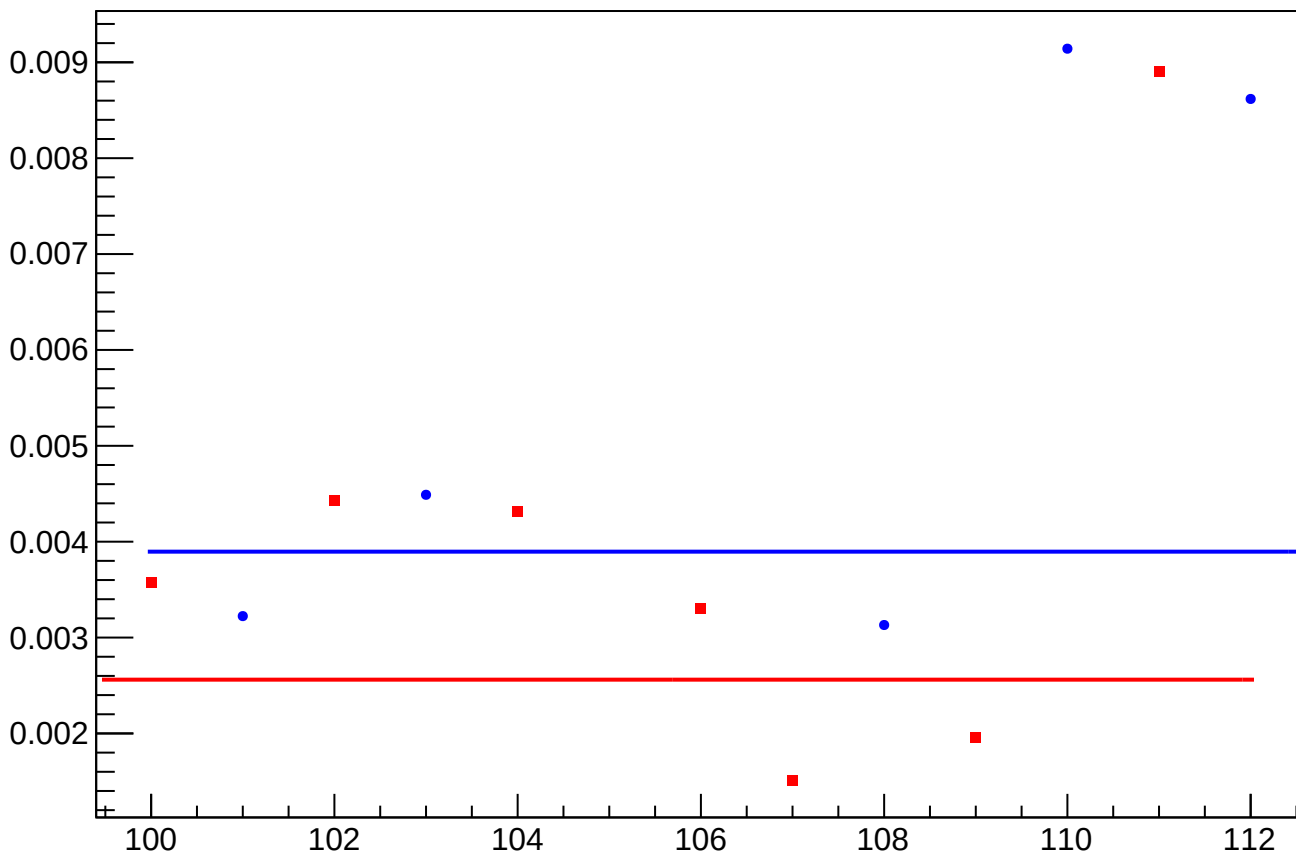
Right: -0.000+/-0.000 χ^2/NDF : 4.4/11

In: -0.000+/-0.000 χ^2/NDF : 2.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.4/11

asym_sam_2468_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 671257.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1207405.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

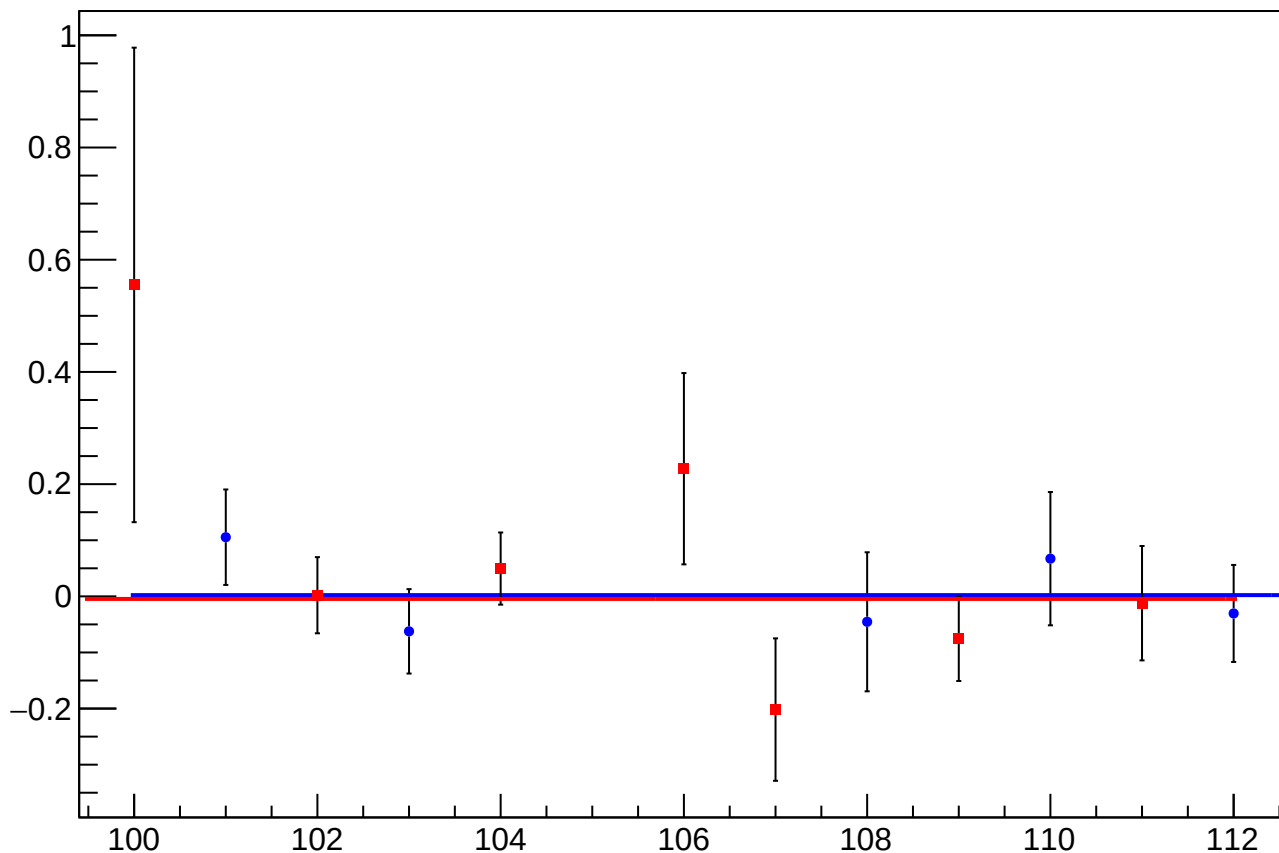
Right: 0.003+/-0.000 χ^2/NDF : 2230132.8/11

In: 0.004+/-0.000 χ^2/NDF : 671257.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2230132.8/11

asym_sam_2468_avg_eigen_dit_vs_slug, Sign Corrected



Right In: 0.002 $\pm$ 0.041 χ^2 /NDF: 2.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.005 $\pm$ 0.035 χ^2 /NDF: 7.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

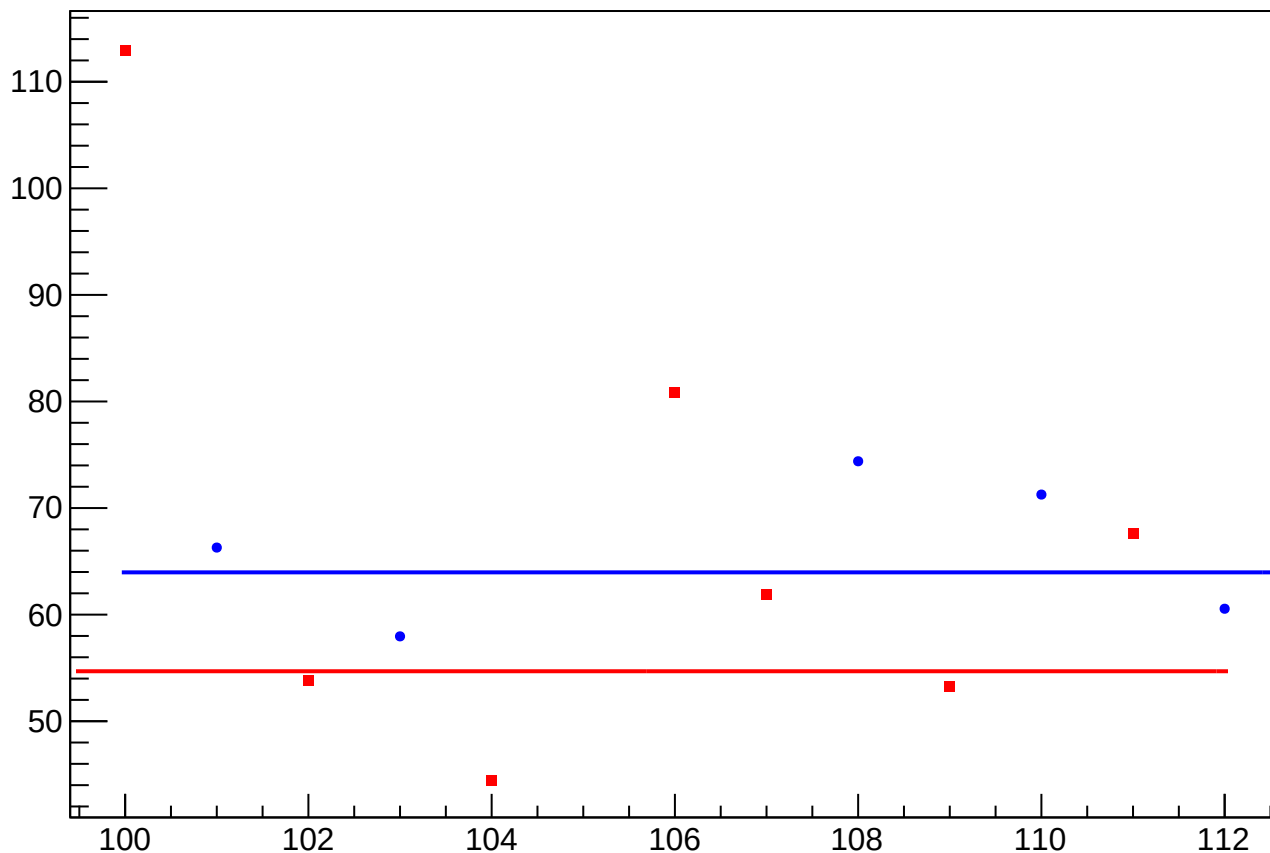
Right: -0.002 $\pm$ 0.027 χ^2 /NDF: 10.5/11

In: 0.002 $\pm$ 0.041 χ^2 /NDF:2.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.002 $\pm$ 0.027 χ^2 /NDF: 10.5/11

asym_sam_2468_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.966+/-0.029 χ^2/NDF : 39061.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.688+/-0.024 χ^2/NDF : 174976.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

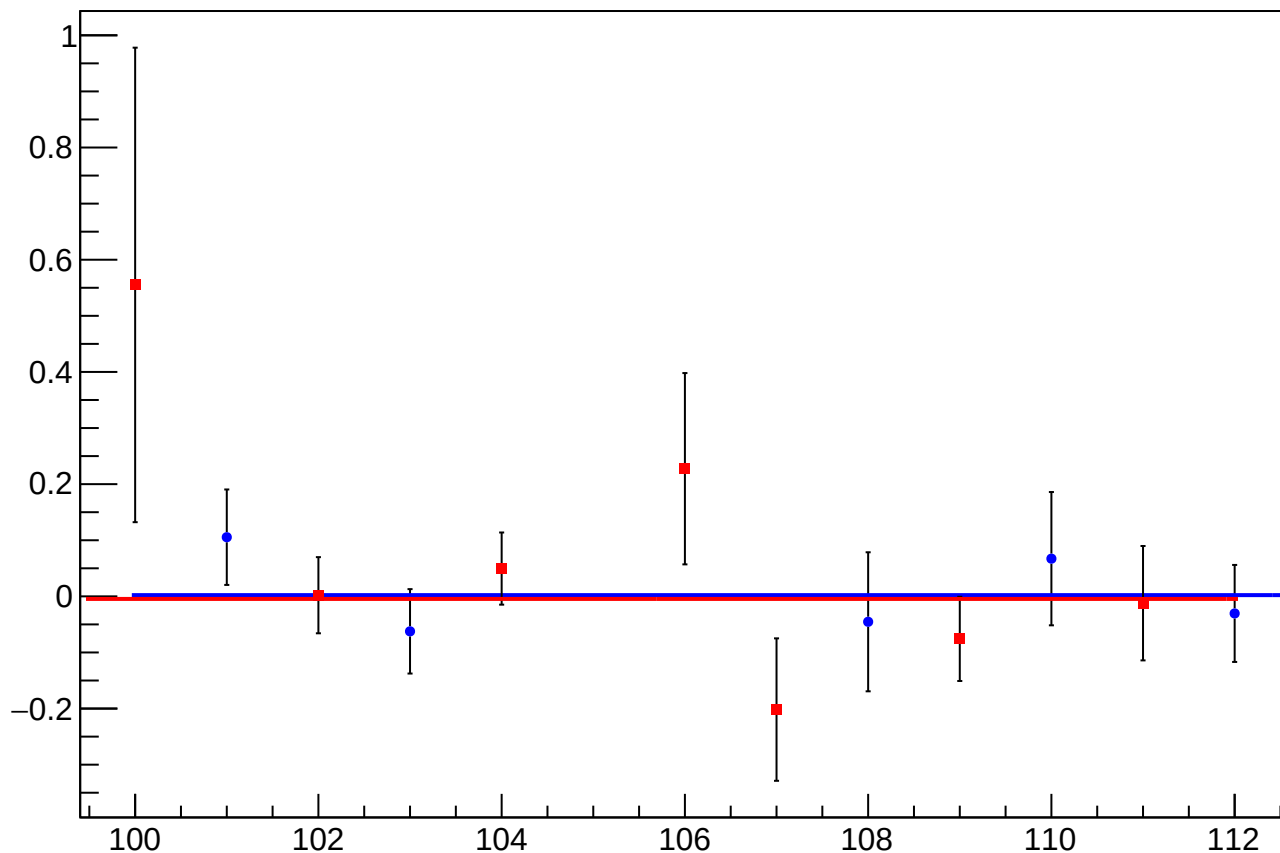
Right: 58.510+/-0.019 χ^2/NDF : 273240.9/11

In: 63.966+/-0.029 χ^2/NDF : 39061.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.510+/-0.019 χ^2/NDF : 273240.9/11

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.041 χ^2 /NDF: 2.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.005 $\pm$ 0.035 χ^2 /NDF: 7.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

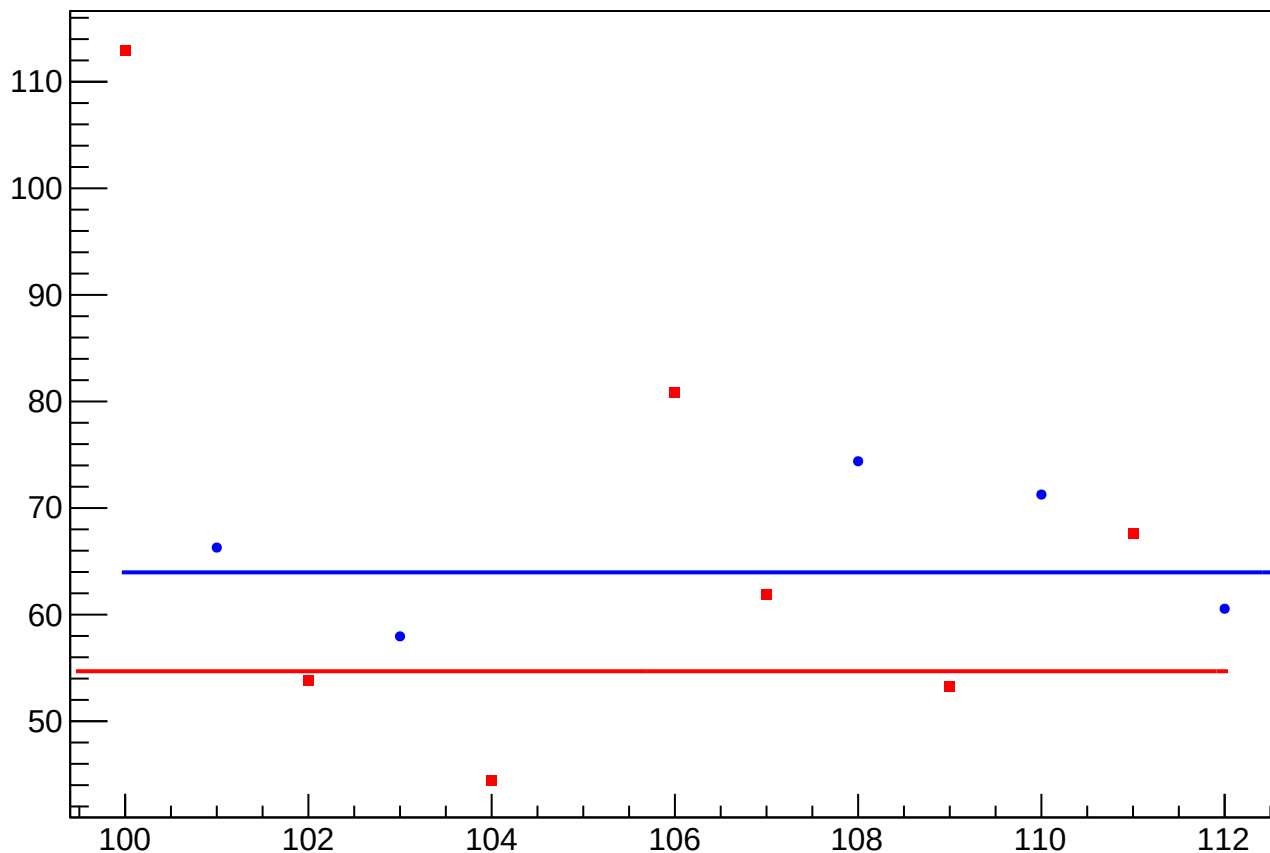
Right: -0.002 $\pm$ 0.027 χ^2 /NDF: 10.5/11

In: 0.002 $\pm$ 0.041 χ^2 /NDF:2.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.002 $\pm$ 0.027 χ^2 /NDF: 10.5/11

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.966+/-0.029 χ^2/NDF : 39061.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.688+/-0.024 χ^2/NDF : 174976.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

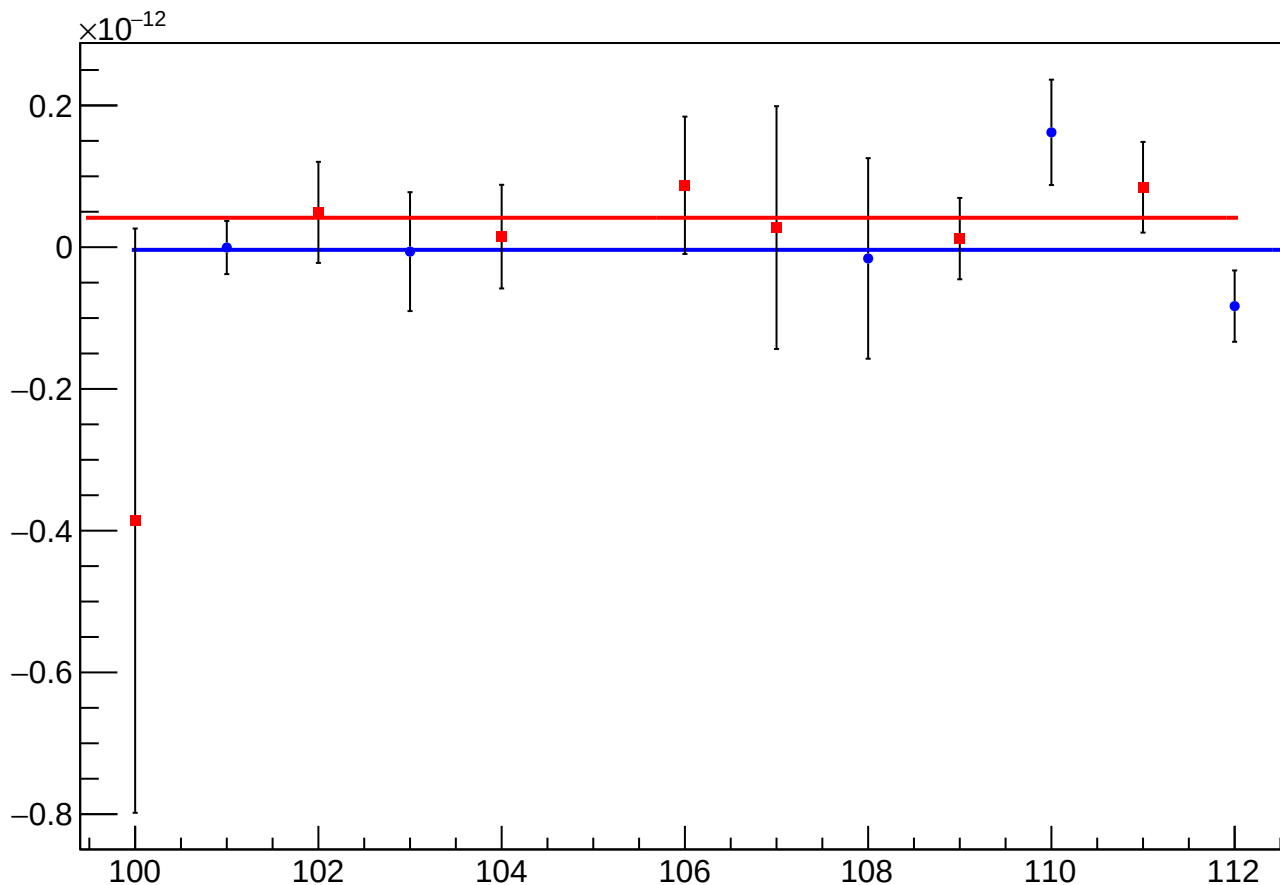
Right: 58.510+/-0.019 χ^2/NDF : 273240.9/11

In: 63.966+/-0.029 χ^2/NDF : 39061.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.510+/-0.019 χ^2/NDF : 273240.9/11

asym_sam_2468_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

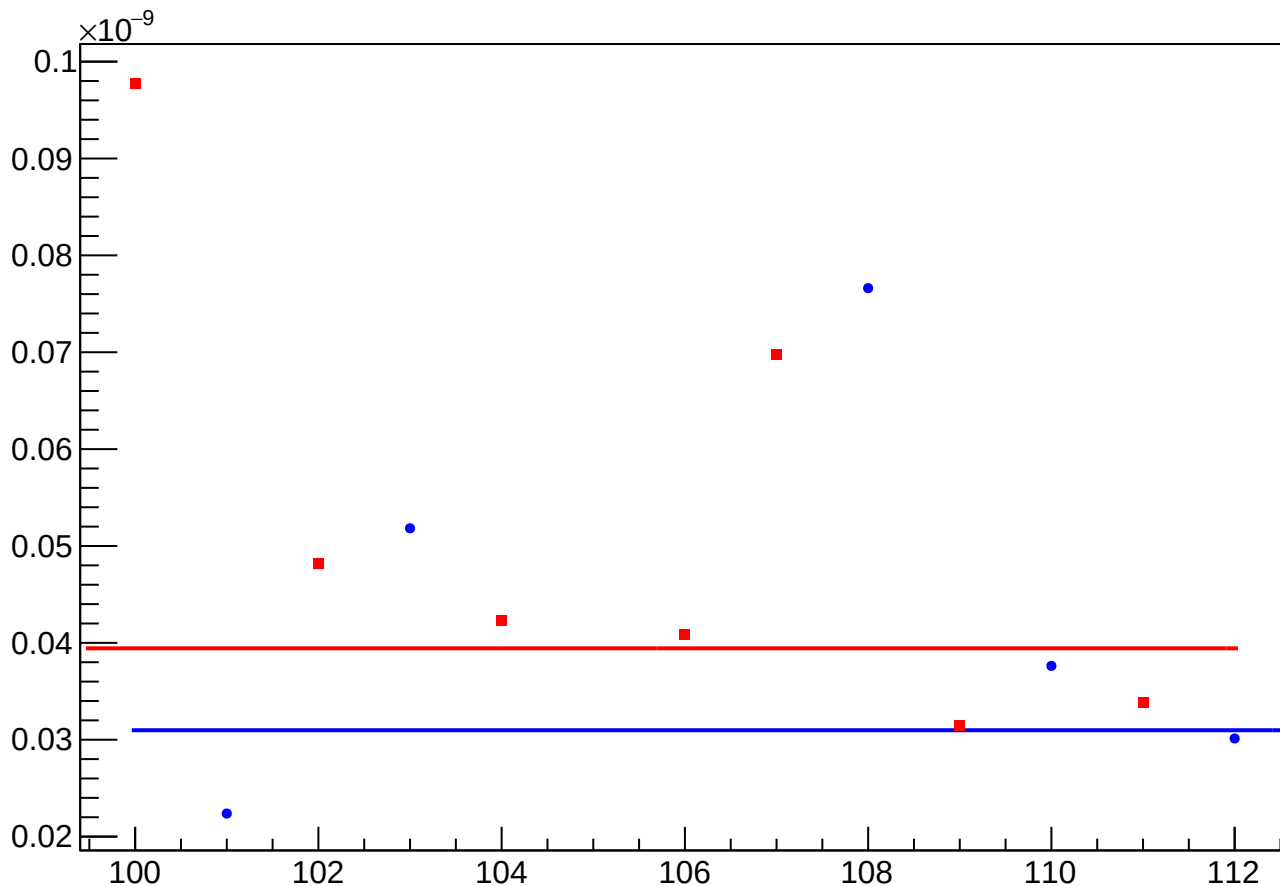
Right: 0.000+/-0.000 χ^2/NDF : 10.9/11

In: -0.000+/-0.000 χ^2/NDF : 7.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.9/11

asym_sam_2468_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 453180.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 189987.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

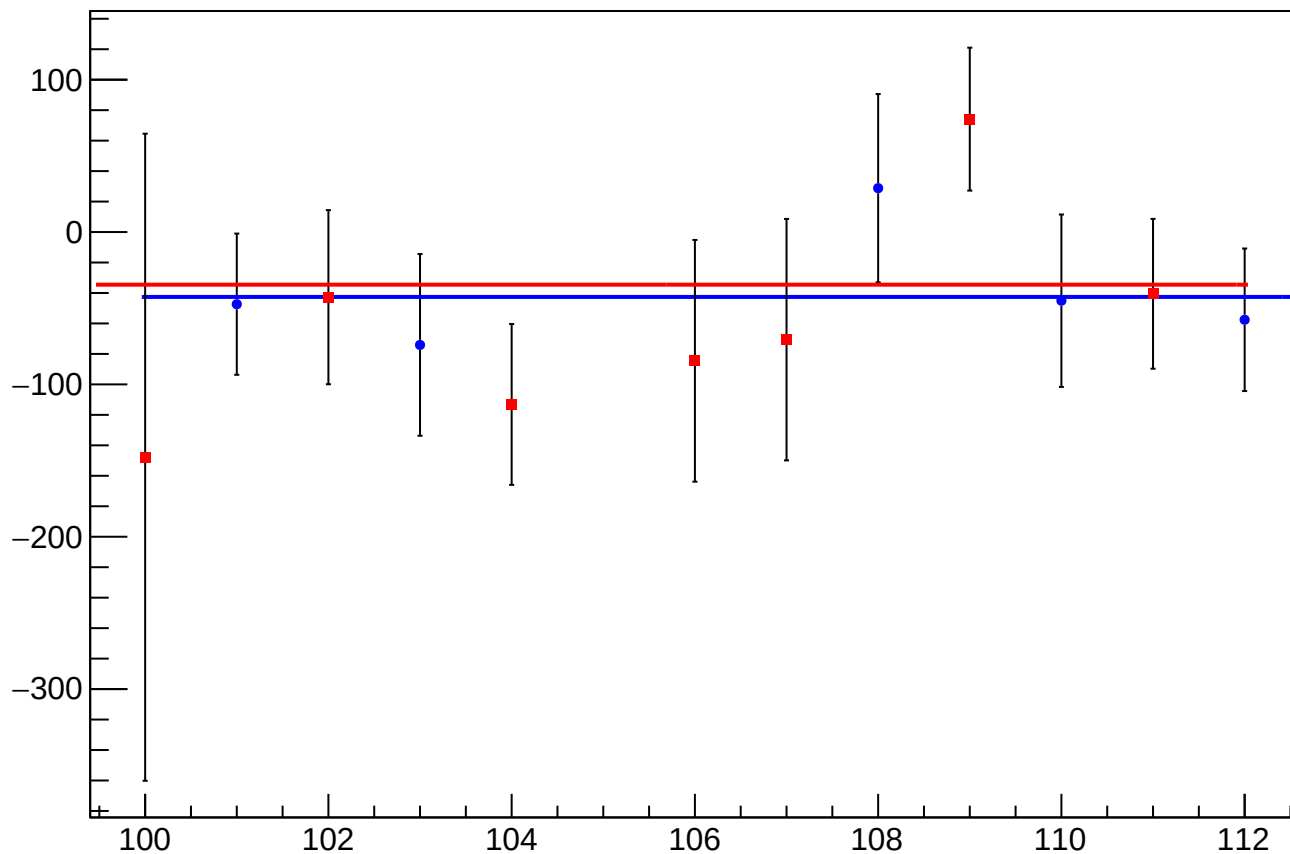
Right: 0.000+/-0.000 χ^2/NDF : 732297.6/11

In: 0.000+/-0.000 χ^2/NDF : 453180.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 732297.6/11

reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -42.590 $\pm$ 23.716 χ^2 /NDF: 1.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -34.546 $\pm$ 23.105 χ^2 /NDF: 8.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

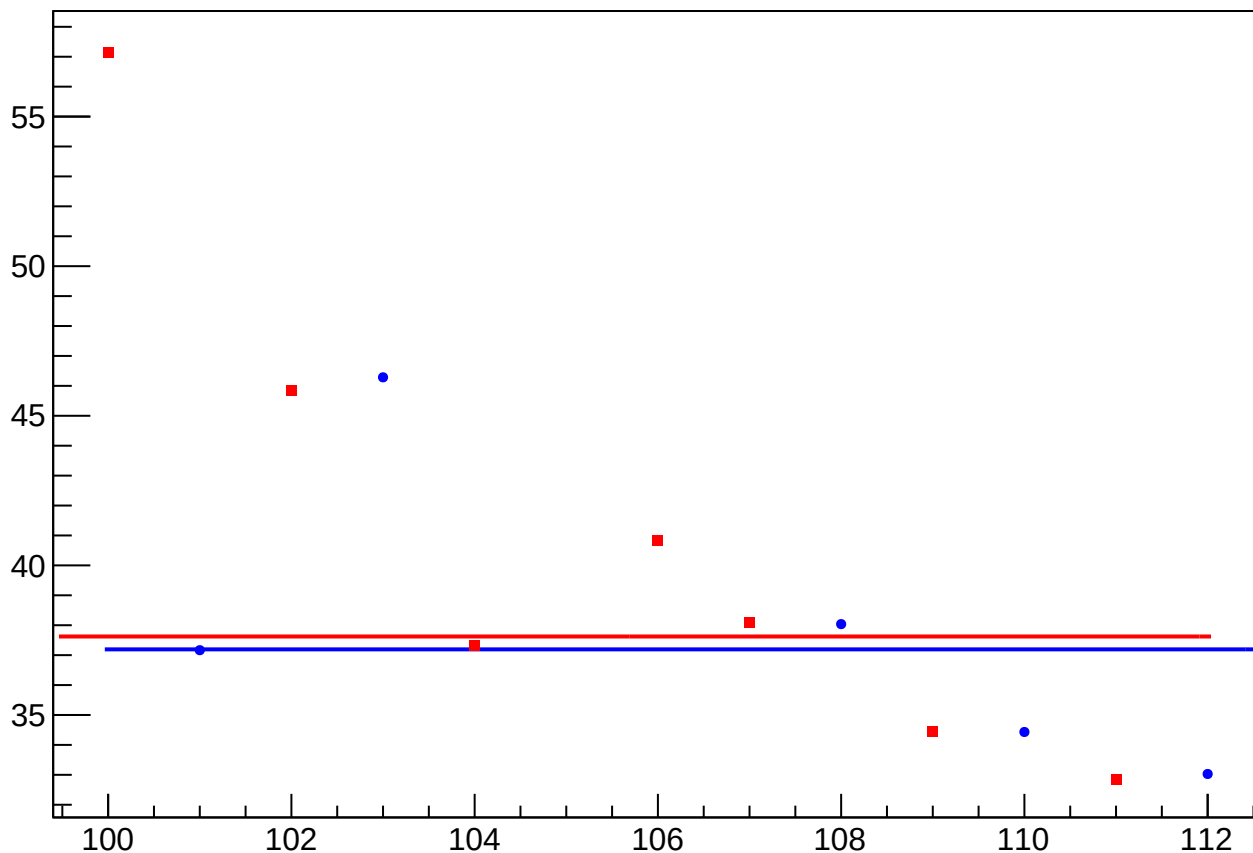
Right: -38.463 $\pm$ 16.550 χ^2 /NDF: 10.3/11

In: -42.590 $\pm$ 23.716 χ^2 /NDF:1.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -38.463 $\pm$ 16.550 χ^2 /NDF: 10.3/11

reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 37.193+/-0.017 χ^2/NDF : 67482.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.623+/-0.016 χ^2/NDF : 89816.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

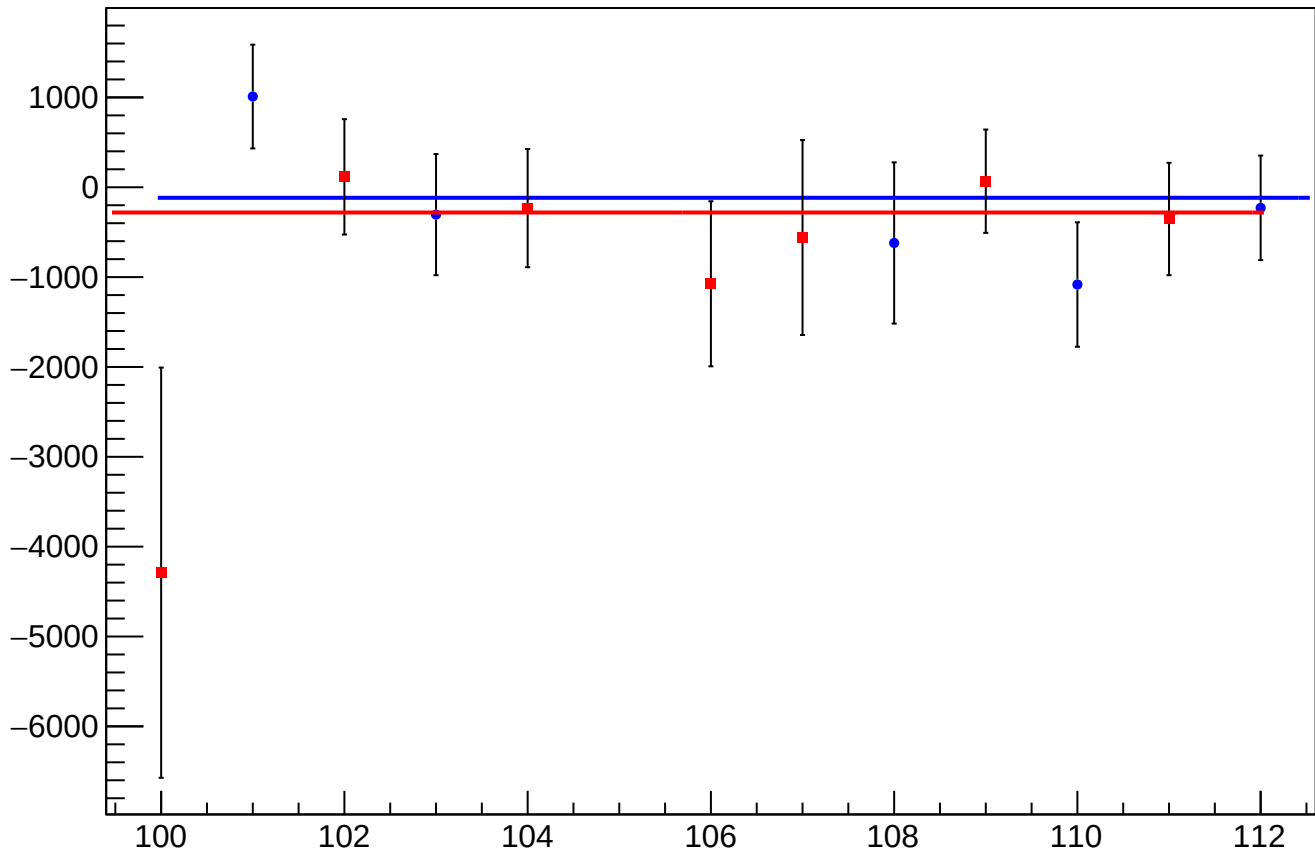
Right: 37.414+/-0.012 χ^2/NDF : 157635.2/11

In: 37.193+/-0.017 χ^2/NDF : 67482.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.414+/-0.012 χ^2/NDF : 157635.2/11

asym_sam_1357_2468_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -117.081+/-295.080 χ^2/NDF : 6.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -280.940+/-282.289 χ^2/NDF : 4.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

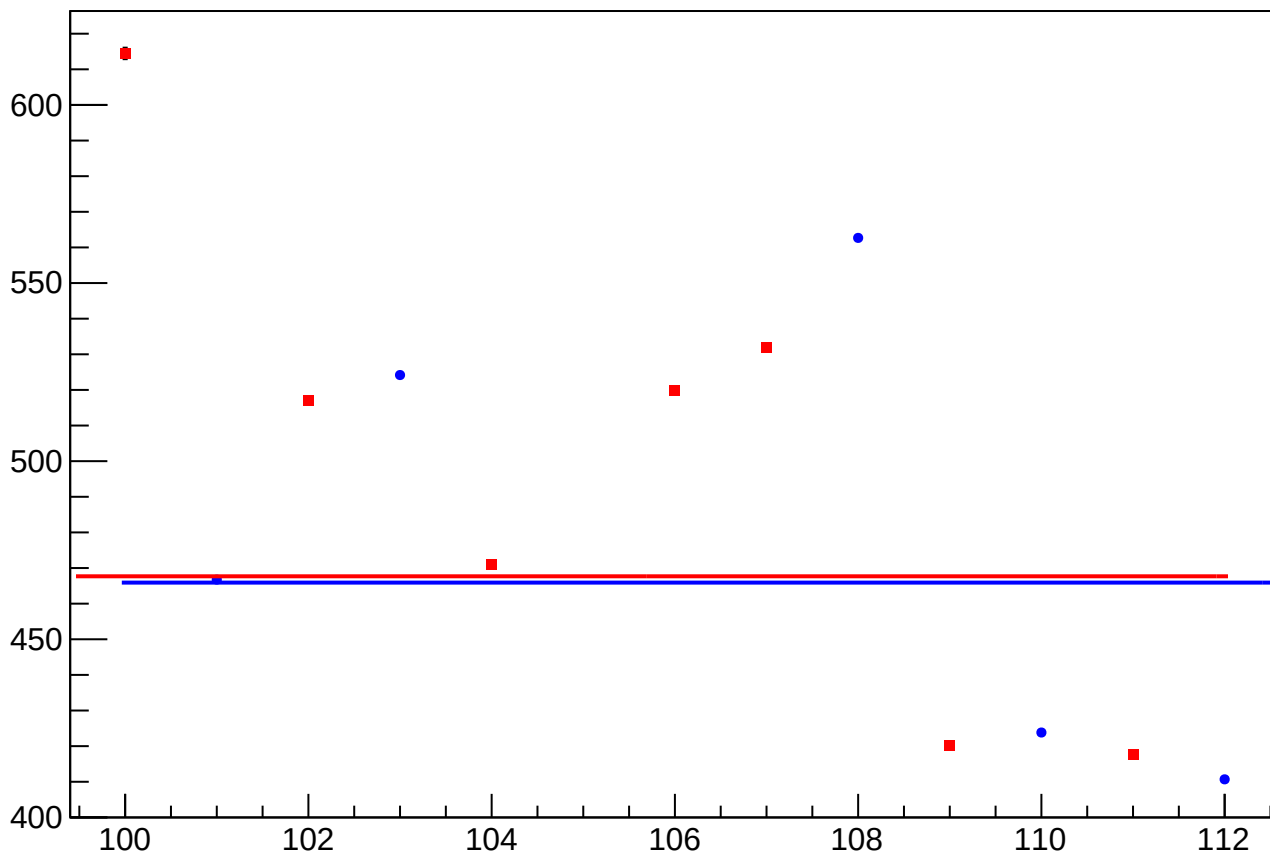
Right: -202.639+/-203.980 χ^2/NDF : 11.0/11

In: -117.081+/-295.080 χ^2/NDF : 6.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -202.639+/-203.980 χ^2/NDF : 11.0/11

asym_sam_1357_2468_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 465.910 $\pm$ 0.209 χ^2 /NDF: 63634.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 467.679 $\pm$ 0.200 χ^2 /NDF: 60130.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

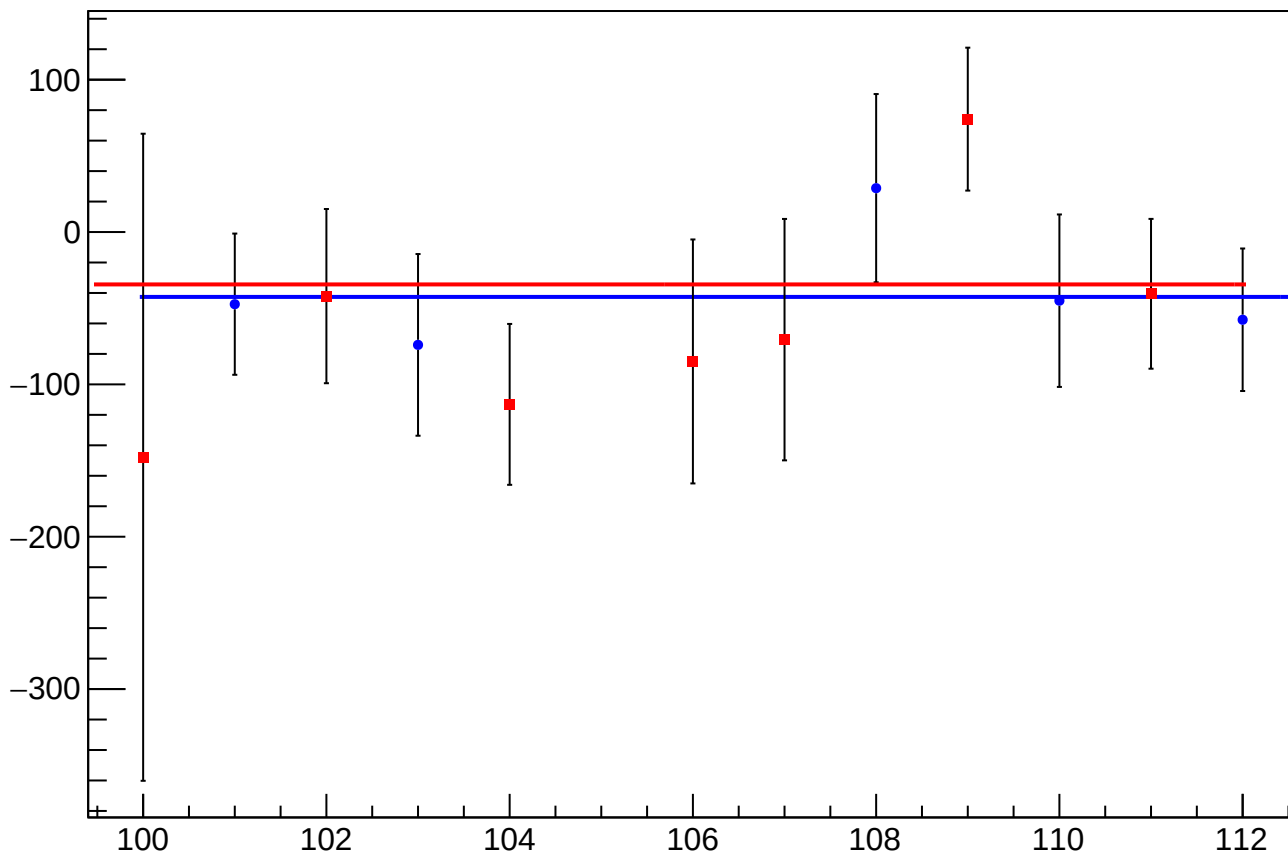
Right: 466.834 $\pm$ 0.144 χ^2 /NDF: 123802.3/11

In: 465.910 $\pm$ 0.209 χ^2 /NDF:63634.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 466.834 $\pm$ 0.144 χ^2 /NDF: 123802.3/11

cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -42.586 $\pm$ 23.716 χ^2 /NDF: 1.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -34.386 $\pm$ 23.125 χ^2 /NDF: 8.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

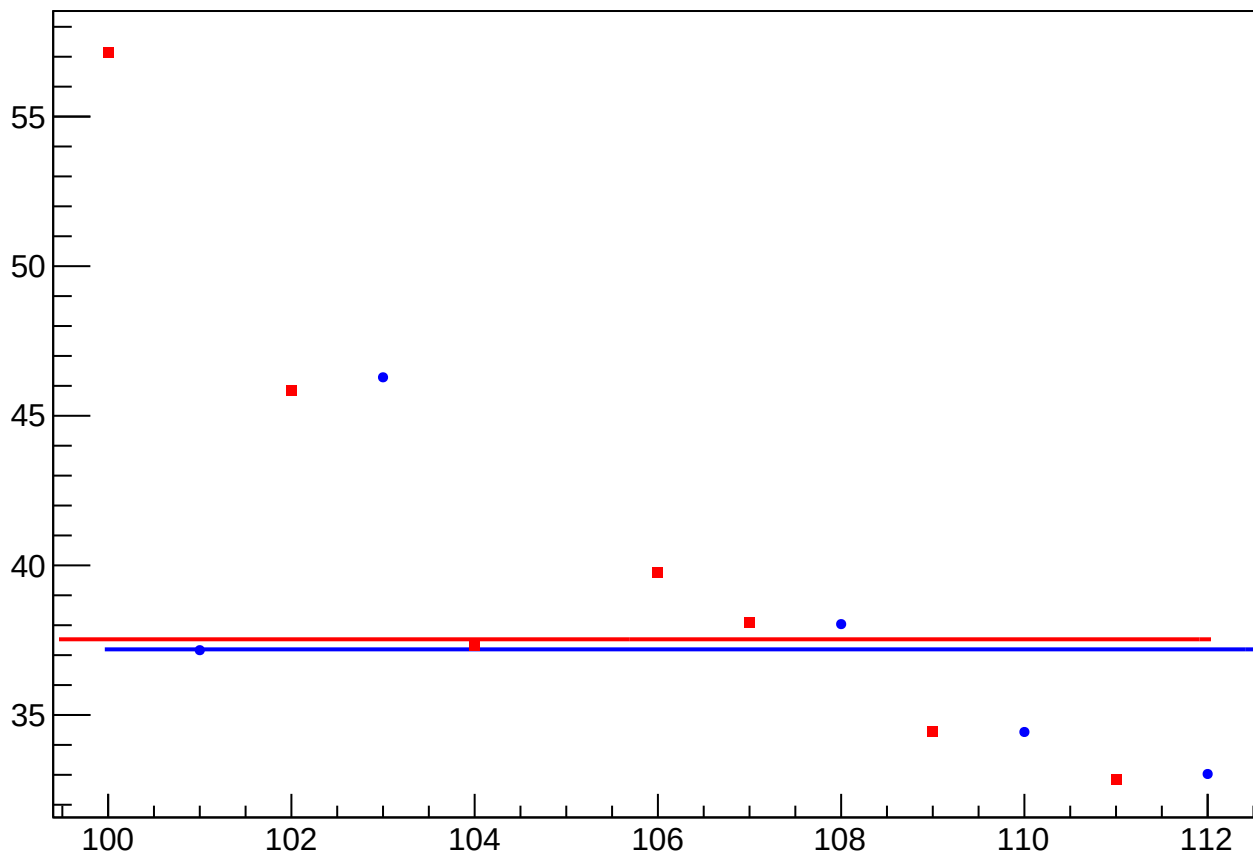
Right: -38.383 $\pm$ 16.557 χ^2 /NDF: 10.3/11

In: -42.586 $\pm$ 23.716 χ^2 /NDF:1.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -38.383 $\pm$ 16.557 χ^2 /NDF: 10.3/11

cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 37.193+/-0.017 χ^2/NDF : 67484.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.530+/-0.016 χ^2/NDF : 88063.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

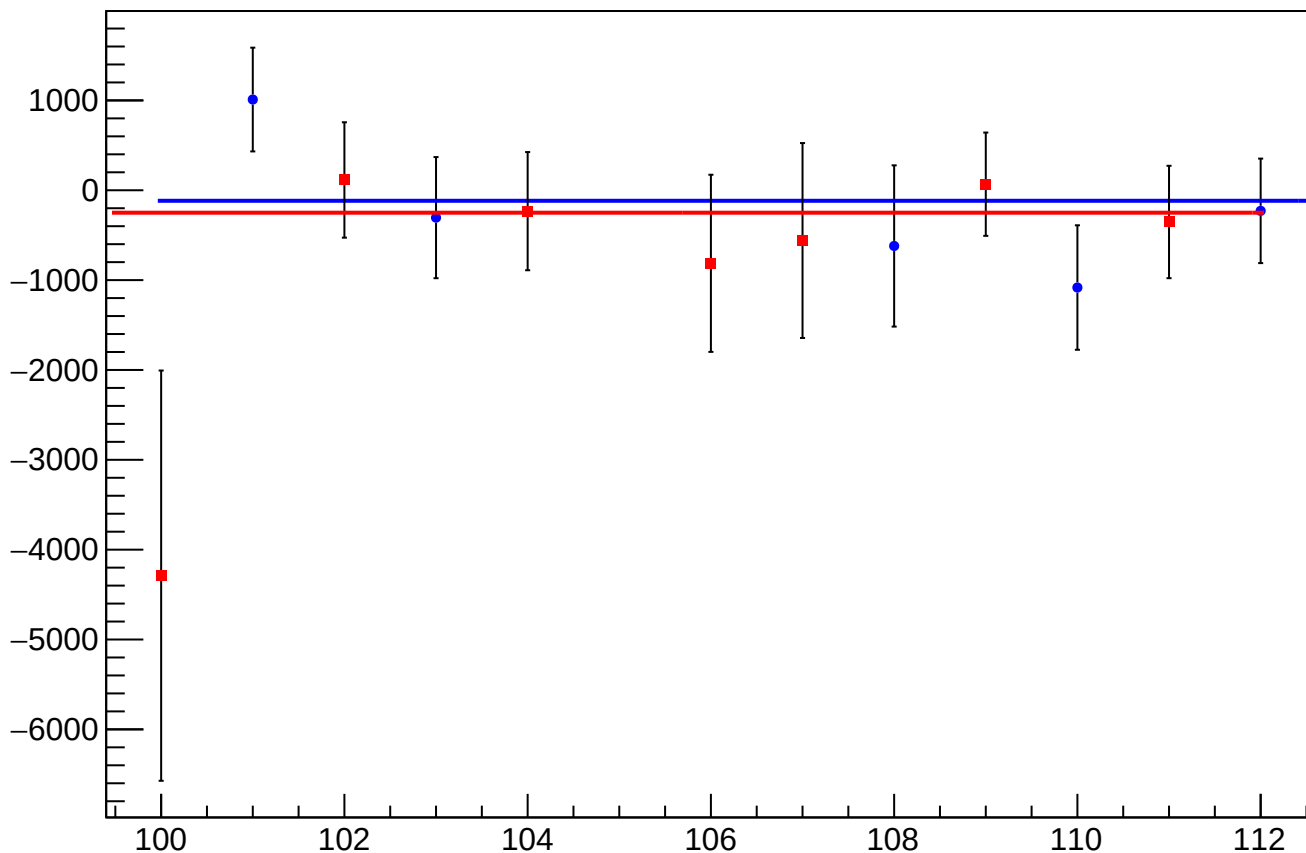
Right: 37.366+/-0.012 χ^2/NDF : 155753.9/11

In: 37.193+/-0.017 χ^2/NDF : 67484.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.366+/-0.012 χ^2/NDF : 155753.9/11

asym_sam_1357_2468_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -117.115 $\pm$ 295.083 χ^2 /NDF: 6.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -249.645 $\pm$ 284.085 χ^2 /NDF: 4.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

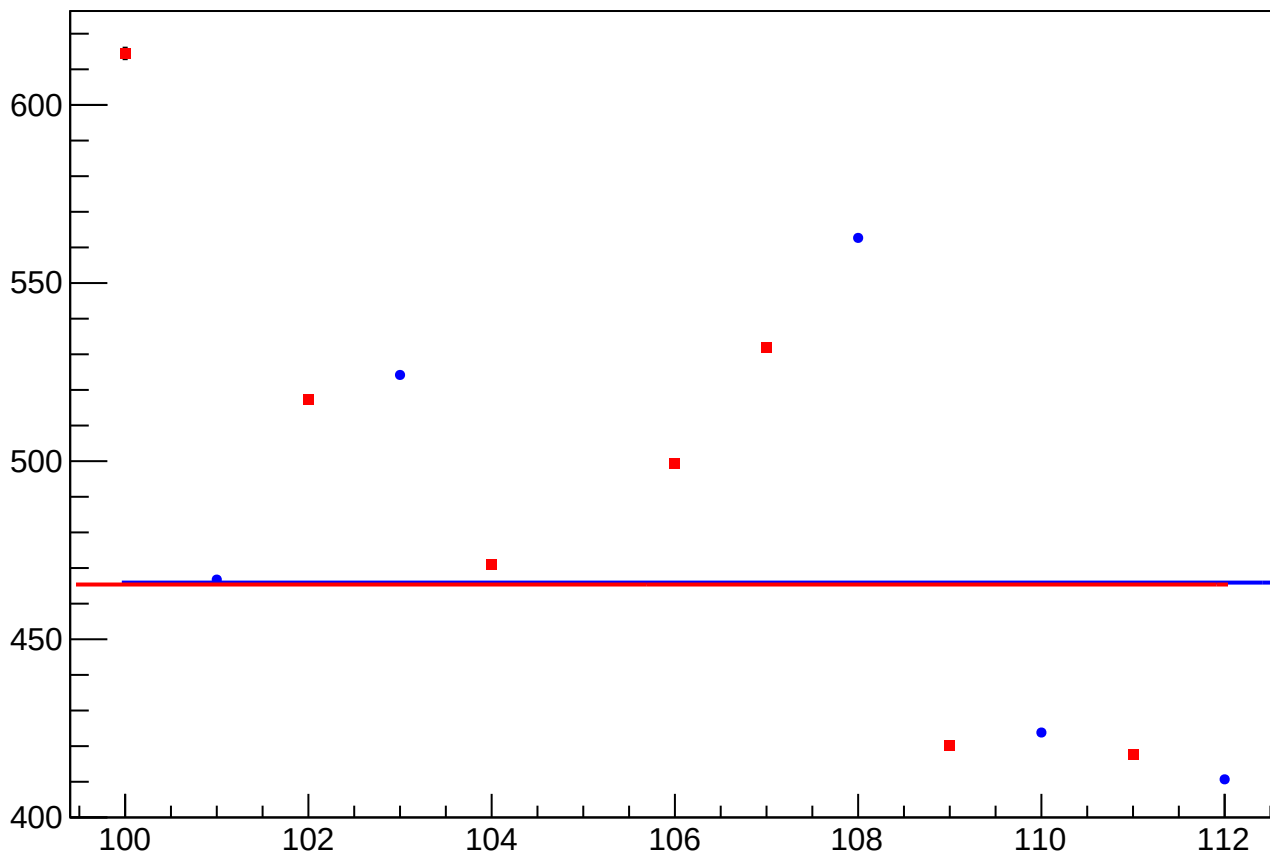
Right: -185.896 $\pm$ 204.656 χ^2 /NDF: 10.5/11

In: -117.115 $\pm$ 295.083 χ^2 /NDF:6.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -185.896 $\pm$ 204.656 χ^2 /NDF: 10.5/11

asym_sam_1357_2468_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 465.913+/-0.209 χ^2/NDF : 63645.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 465.372+/-0.201 χ^2/NDF : 55736.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

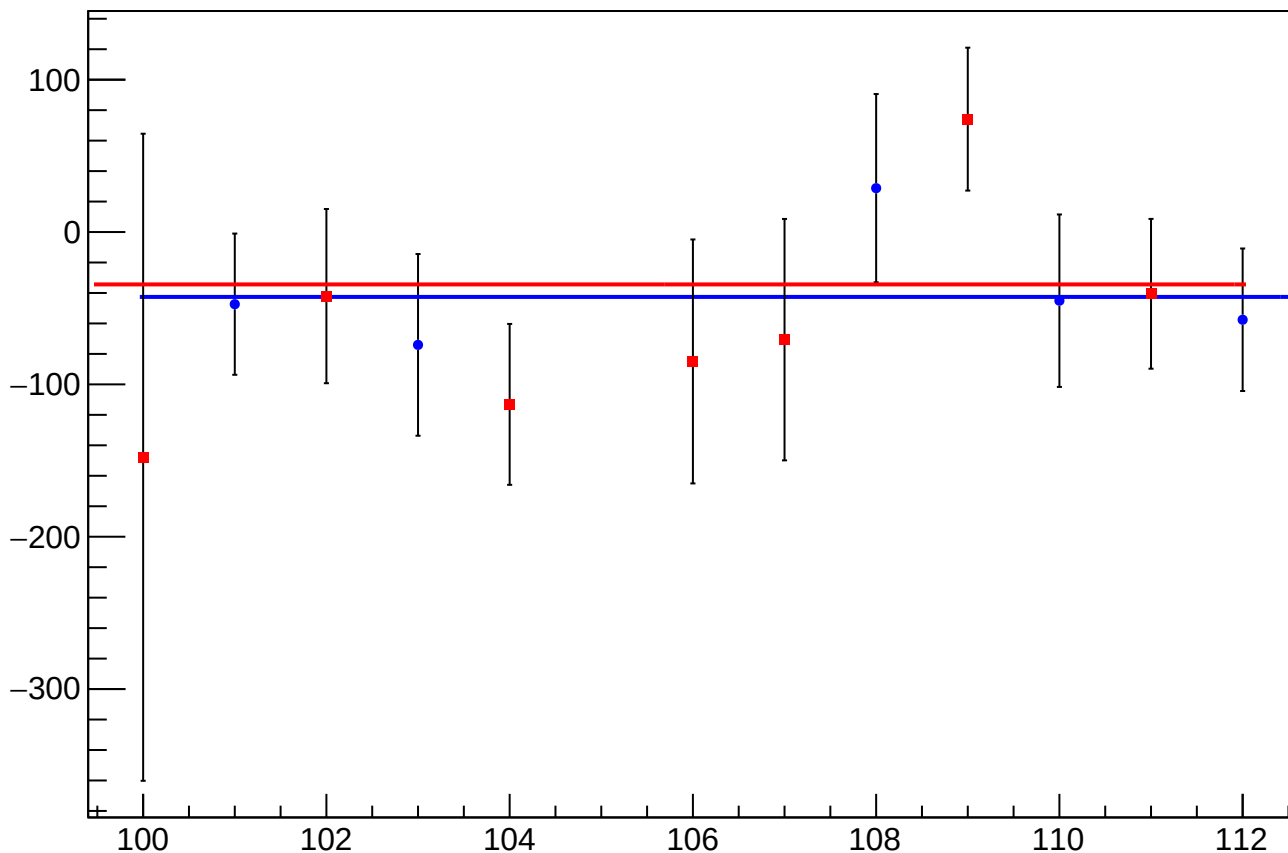
Right: 465.633+/-0.145 χ^2/NDF : 119385.6/11

In: 465.913+/-0.209 χ^2/NDF : 63645.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 465.633+/-0.145 χ^2/NDF : 119385.6/11

eigen_cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -42.586 $\pm$ 23.716 χ^2 /NDF: 1.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -34.386 $\pm$ 23.125 χ^2 /NDF: 8.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

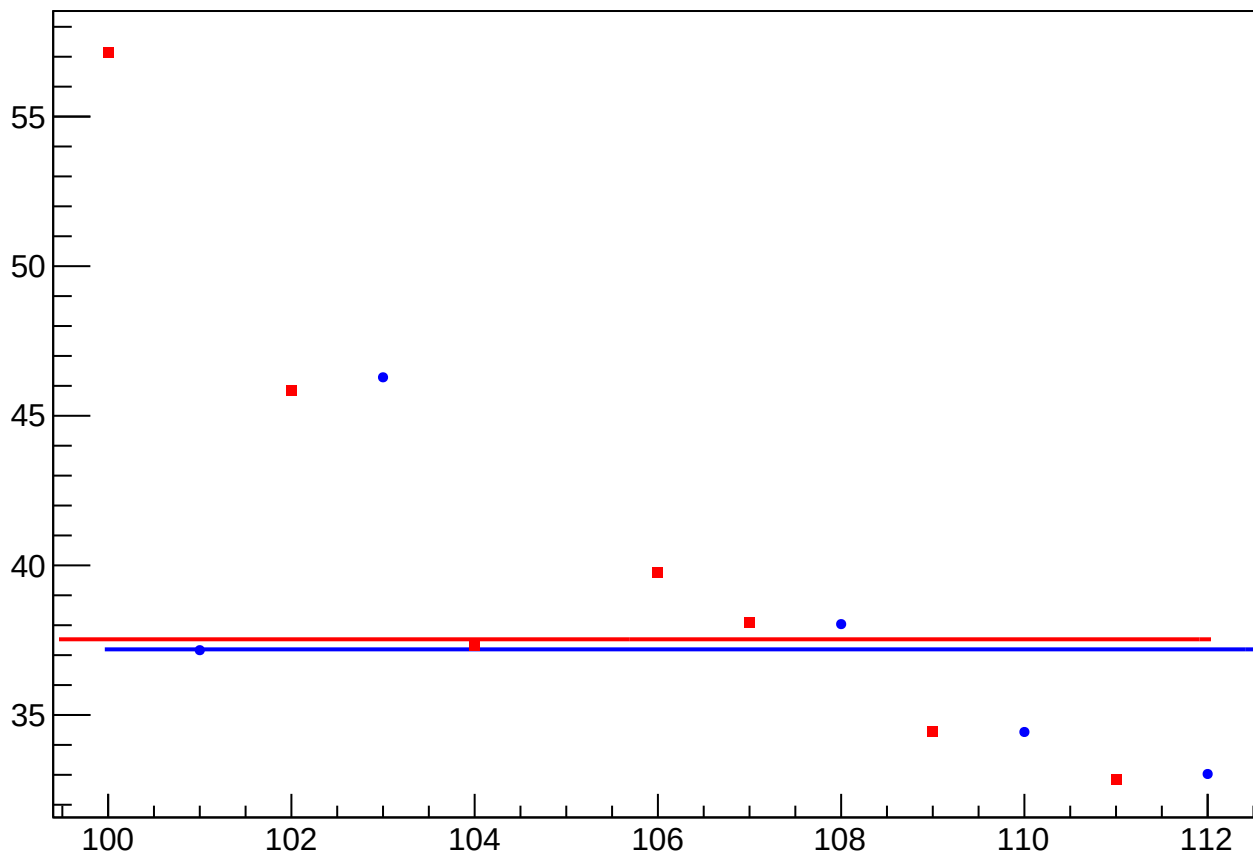
Right: -38.383 $\pm$ 16.557 χ^2 /NDF: 10.3/11

In: -42.586 $\pm$ 23.716 χ^2 /NDF:1.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -38.383 $\pm$ 16.557 χ^2 /NDF: 10.3/11

eigen_cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 37.193+/-0.017 χ^2/NDF : 67484.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.530+/-0.016 χ^2/NDF : 88063.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

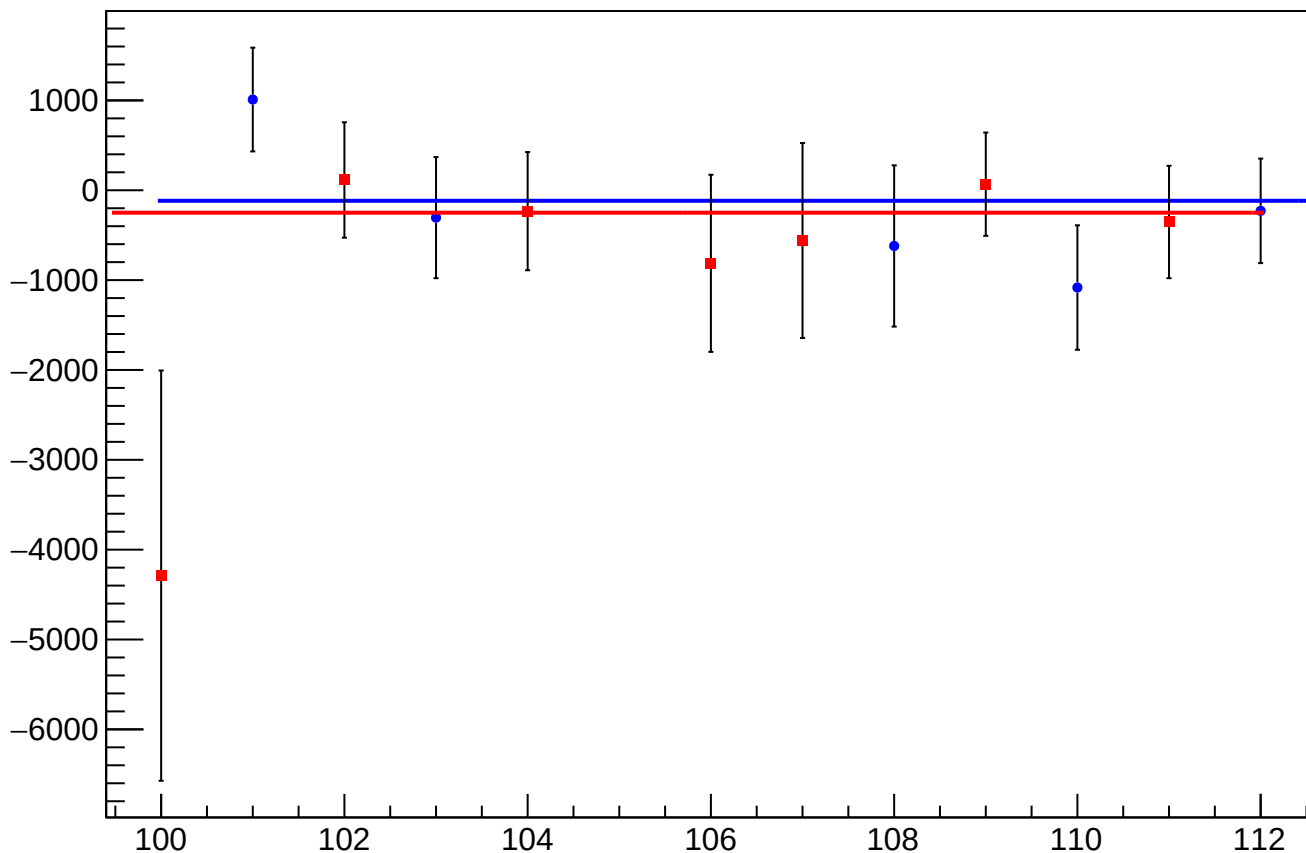
Right: 37.366+/-0.012 χ^2/NDF : 155753.9/11

In: 37.193+/-0.017 χ^2/NDF : 67484.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.366+/-0.012 χ^2/NDF : 155753.9/11

asym_sam_1357_2468_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -117.115 $\pm$ 295.083 χ^2 /NDF: 6.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -249.645 $\pm$ 284.085 χ^2 /NDF: 4.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

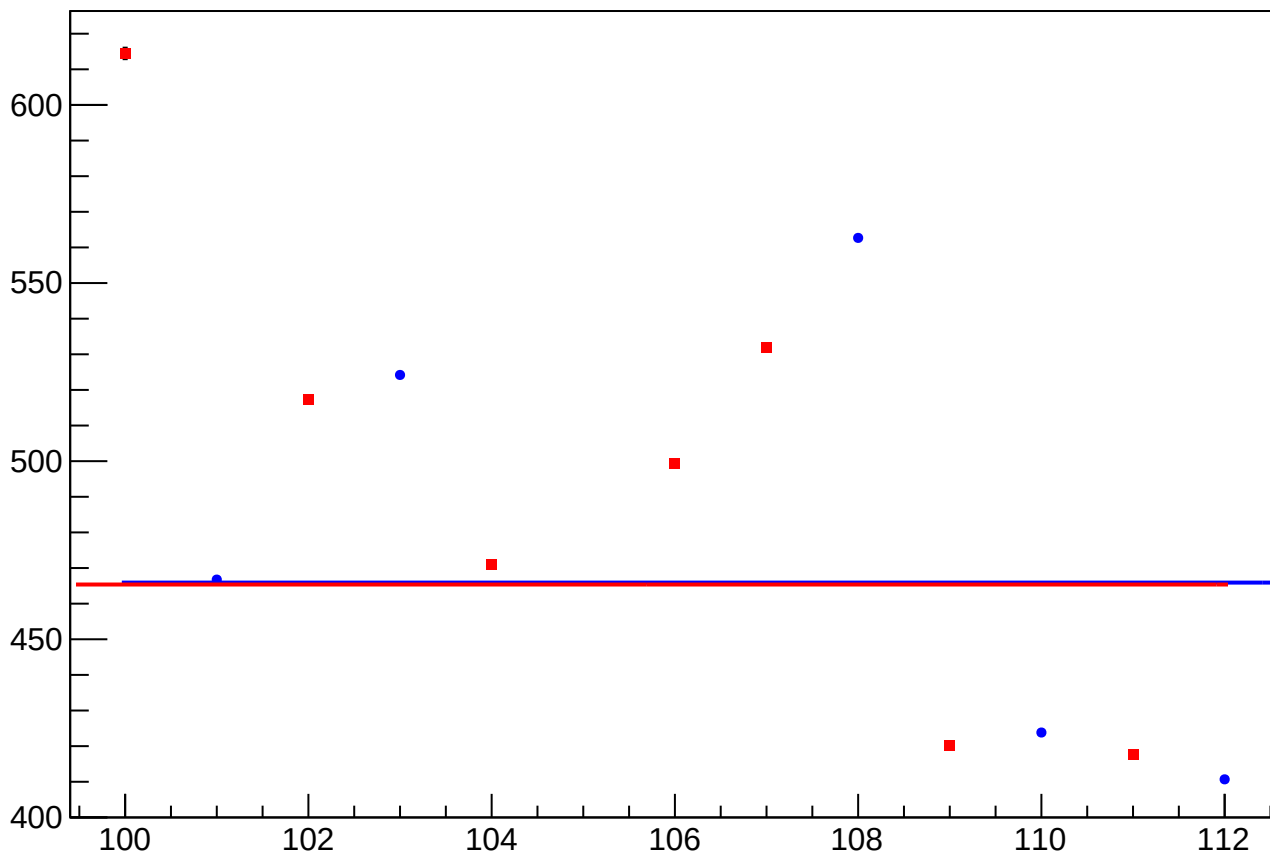
Right: -185.896 $\pm$ 204.656 χ^2 /NDF: 10.5/11

In: -117.115 $\pm$ 295.083 χ^2 /NDF:6.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -185.896 $\pm$ 204.656 χ^2 /NDF: 10.5/11

asym_sam_1357_2468_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 465.913+/-0.209 χ^2/NDF : 63645.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 465.372+/-0.201 χ^2/NDF : 55736.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

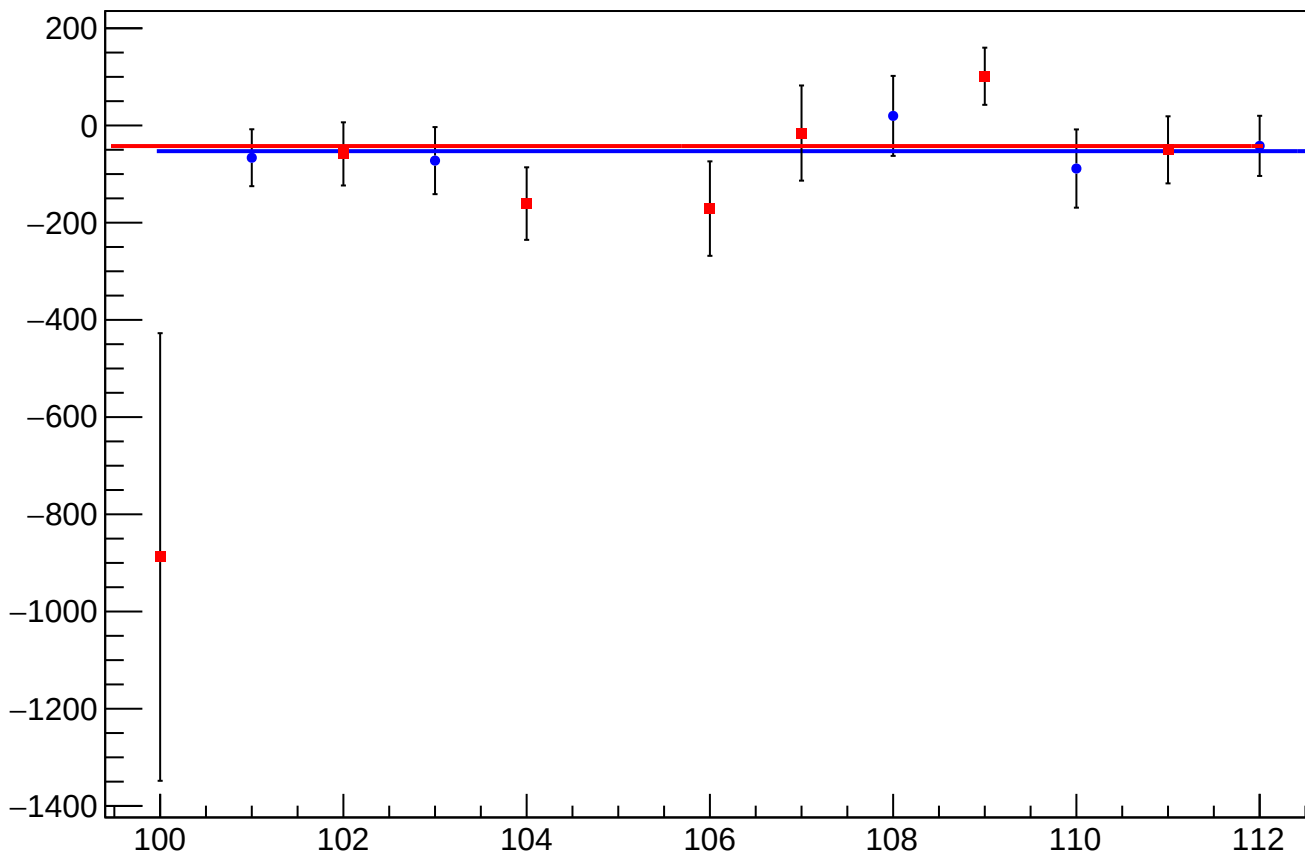
Right: 465.633+/-0.145 χ^2/NDF : 119385.6/11

In: 465.913+/-0.209 χ^2/NDF : 63645.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 465.633+/-0.145 χ^2/NDF : 119385.6/11

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -52.842 $\pm$ 30.643 χ^2 /NDF: 1.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -42.352 $\pm$ 29.740 χ^2 /NDF: 13.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

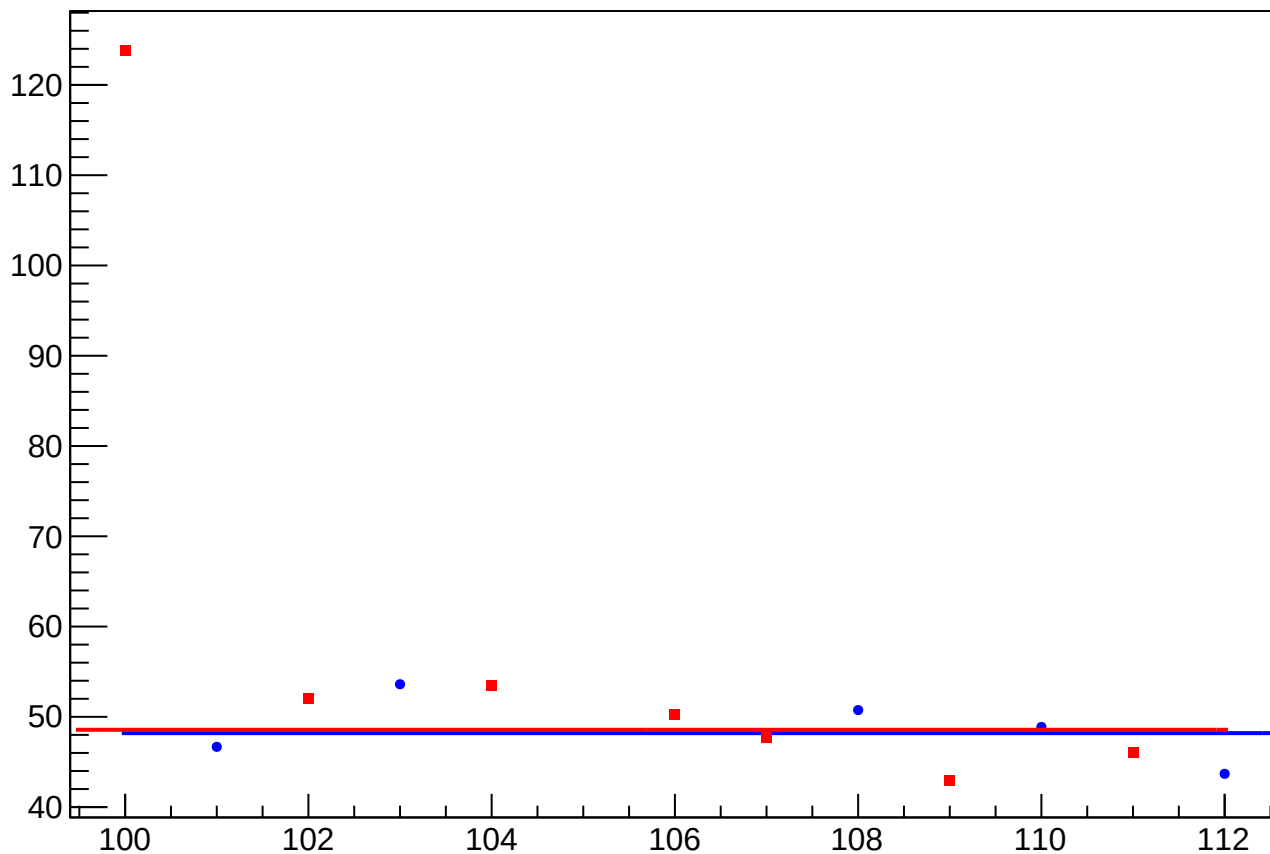
Right: -47.440 $\pm$ 21.342 χ^2 /NDF: 15.0/11

In: -52.842 $\pm$ 30.643 χ^2 /NDF:1.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -47.440 $\pm$ 21.342 χ^2 /NDF: 15.0/11

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 48.195+/-0.022 χ^2/NDF : 26349.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.567+/-0.021 χ^2/NDF : 89438.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

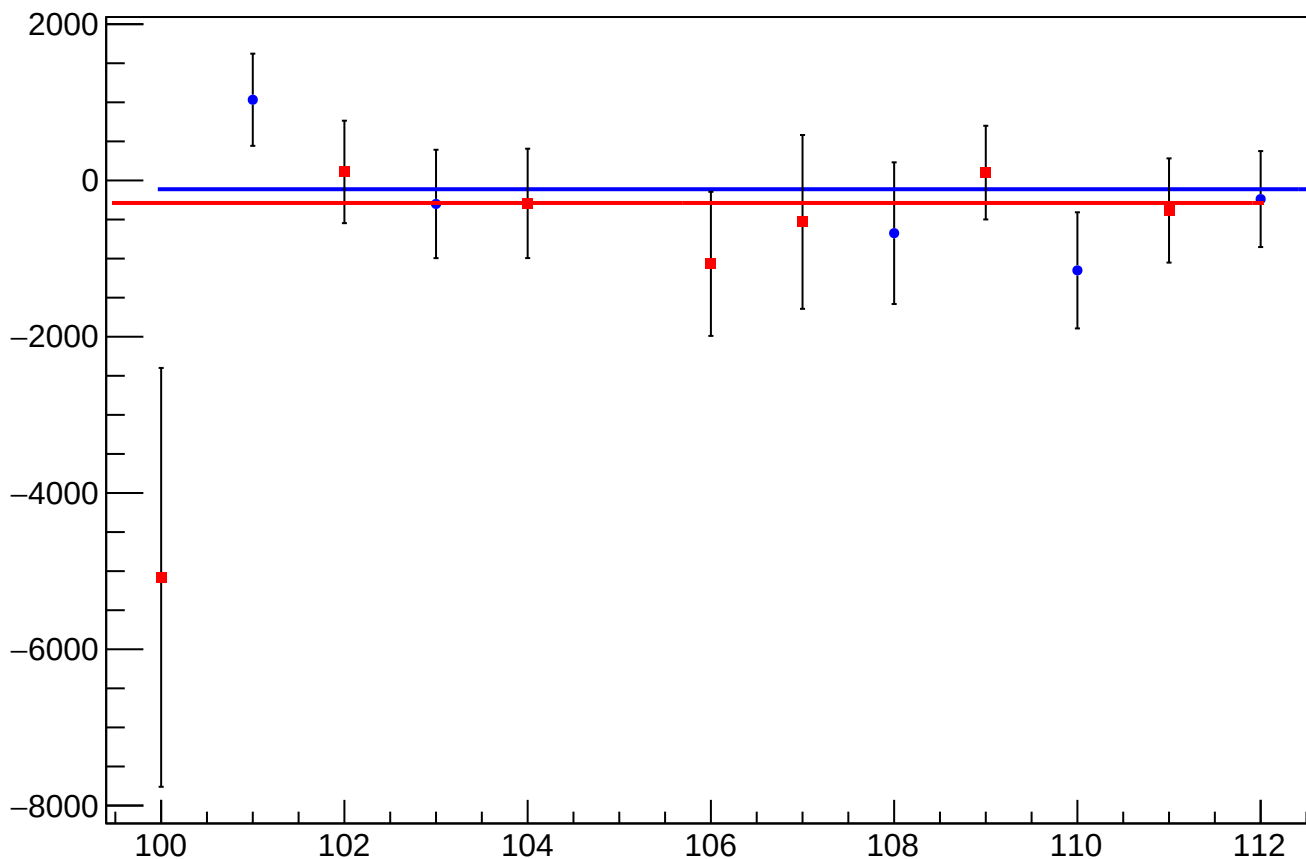
Right: 48.387+/-0.015 χ^2/NDF : 115939.8/11

In: 48.195+/-0.022 χ^2/NDF : 26349.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.387+/-0.015 χ^2/NDF : 115939.8/11

asym_sam_1357_2468_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -112.137+/-306.681 χ^2 /NDF: 6.2/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -288.206+/-294.588 χ^2 /NDF: 4.8/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

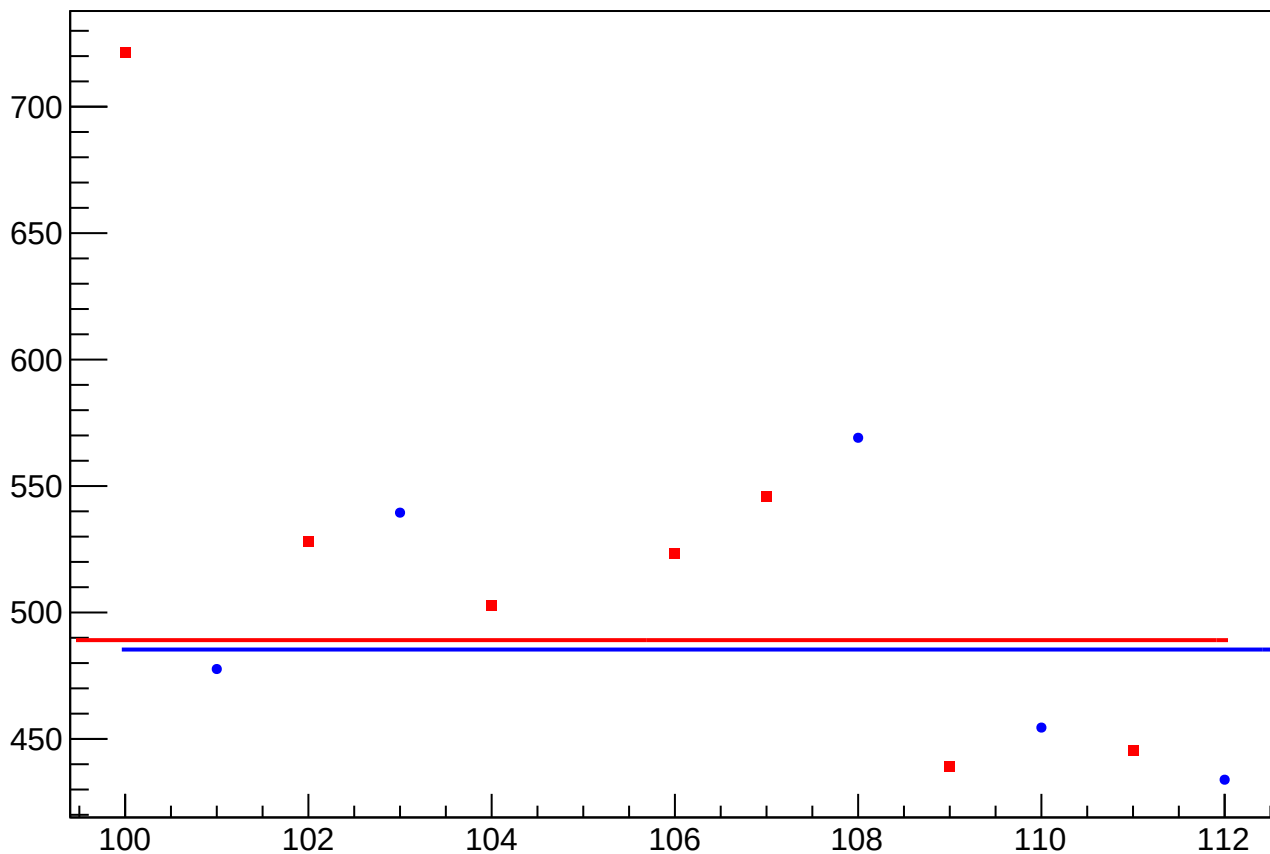
Right: -203.711+/-212.452 χ^2 /NDF: 11.2/11

In: -112.137+/-306.681 χ^2 /NDF:6.2/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -203.711+/-212.452 χ^2 /NDF: 11.2/11

asym_sam_1357_2468_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 485.351+/-0.217 χ^2/NDF : 47078.8/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 489.070+/-0.208 χ^2/NDF : 53330.5/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

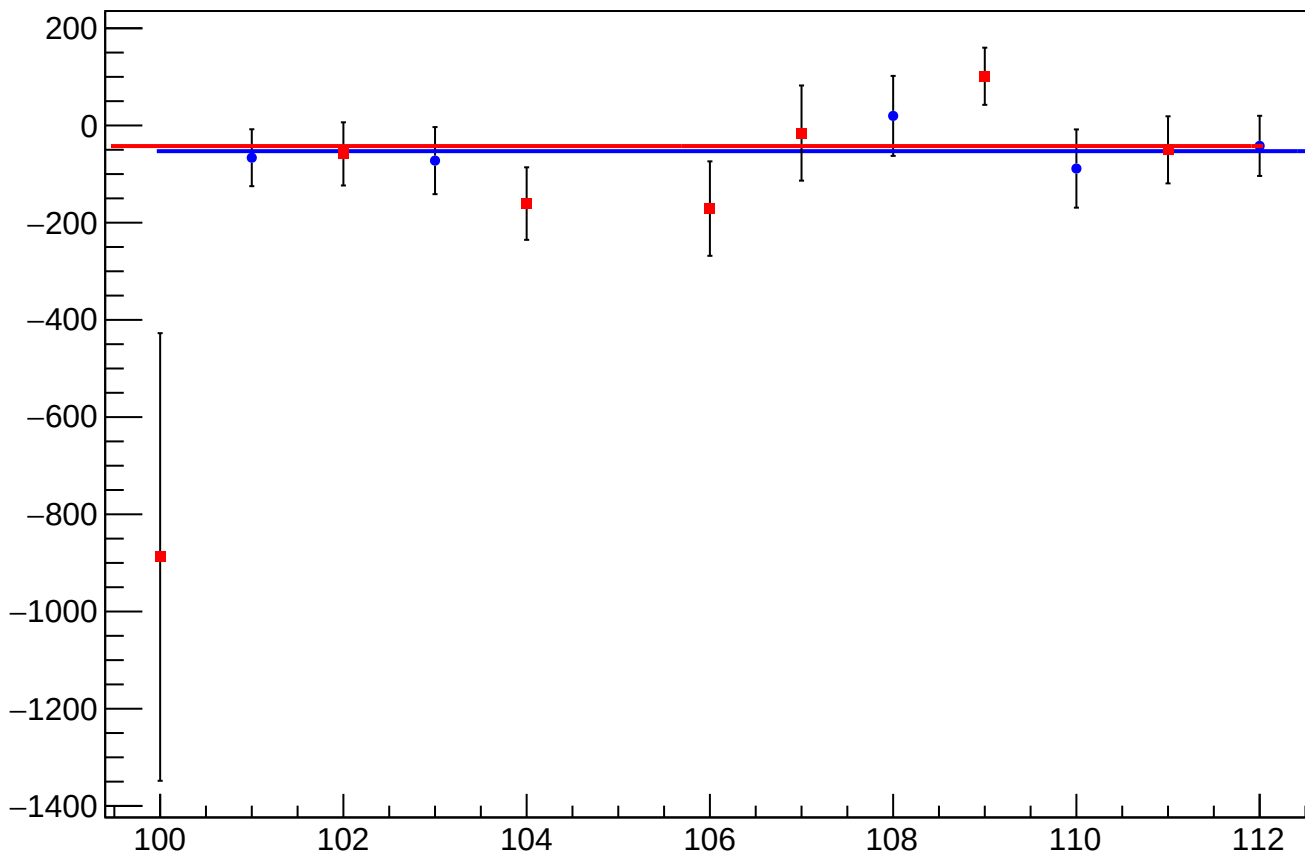
Right: 487.285+/-0.150 χ^2/NDF : 100562.3/11

In: 485.351+/-0.217 χ^2/NDF :47078.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 487.285+/-0.150 χ^2/NDF : 100562.3/11

eigen_dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -52.840 $\pm$ 30.643 χ^2 /NDF: 1.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -42.351 $\pm$ 29.740 χ^2 /NDF: 13.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

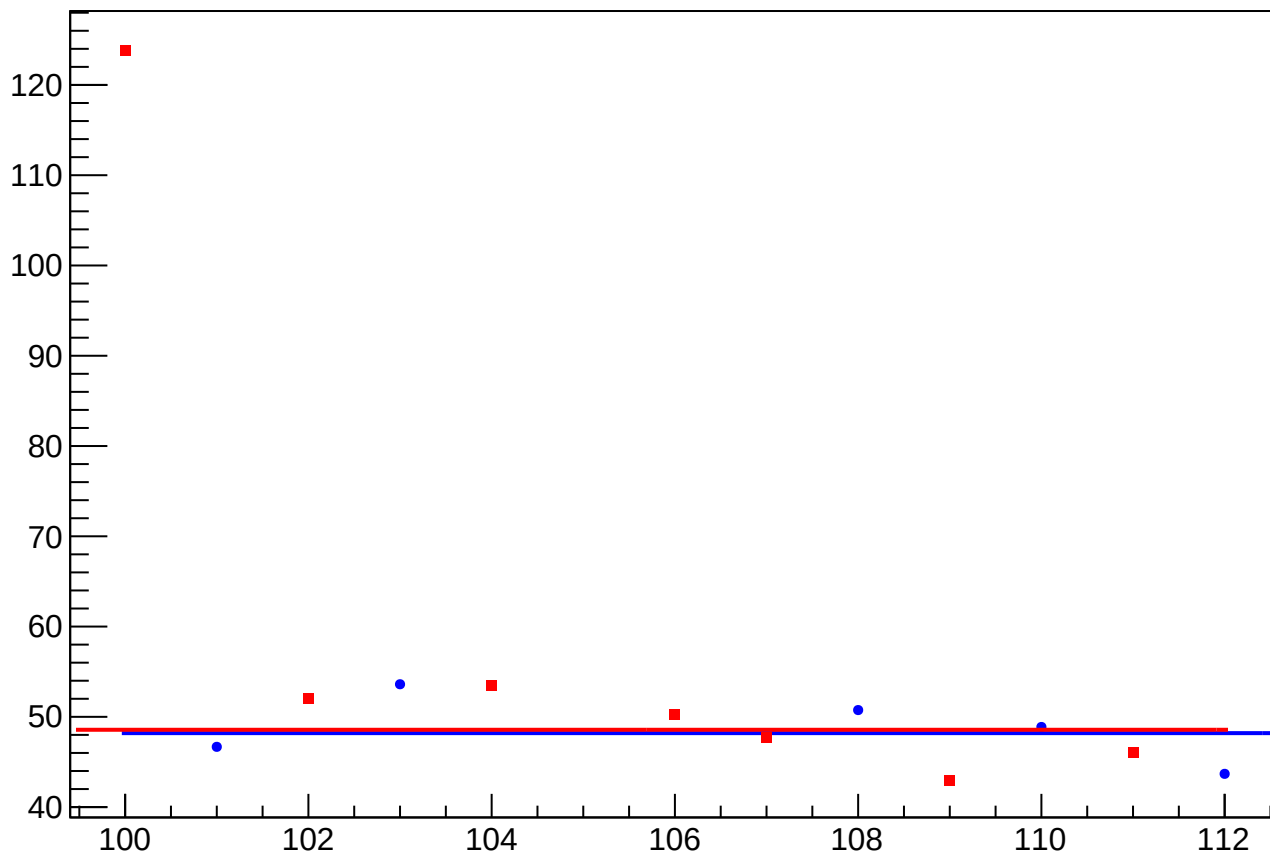
Right: -47.438 $\pm$ 21.341 χ^2 /NDF: 15.0/11

In: -52.840 $\pm$ 30.643 χ^2 /NDF:1.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -47.438 $\pm$ 21.341 χ^2 /NDF: 15.0/11

eigen_dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 48.194 $\pm$ 0.022 χ^2 /NDF: 26355.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 48.567 $\pm$ 0.021 χ^2 /NDF: 89444.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

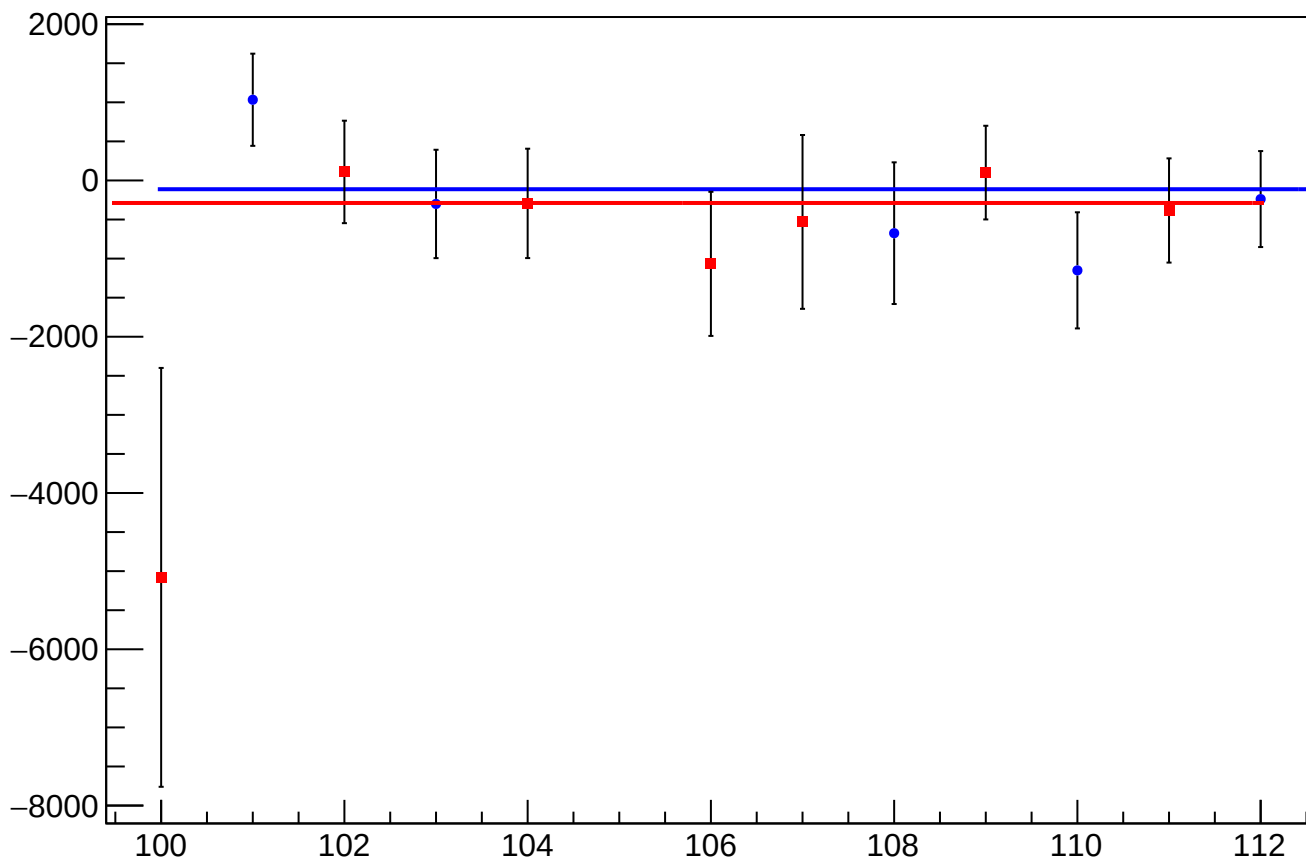
Right: 48.386 $\pm$ 0.015 χ^2 /NDF: 115952.2/11

In: 48.194 $\pm$ 0.022 χ^2 /NDF:26355.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 48.386 $\pm$ 0.015 χ^2 /NDF: 115952.2/11

asym_sam_1357_2468_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -112.138+/-306.679 χ^2 /NDF: 6.2/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -288.205+/-294.587 χ^2 /NDF: 4.8/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

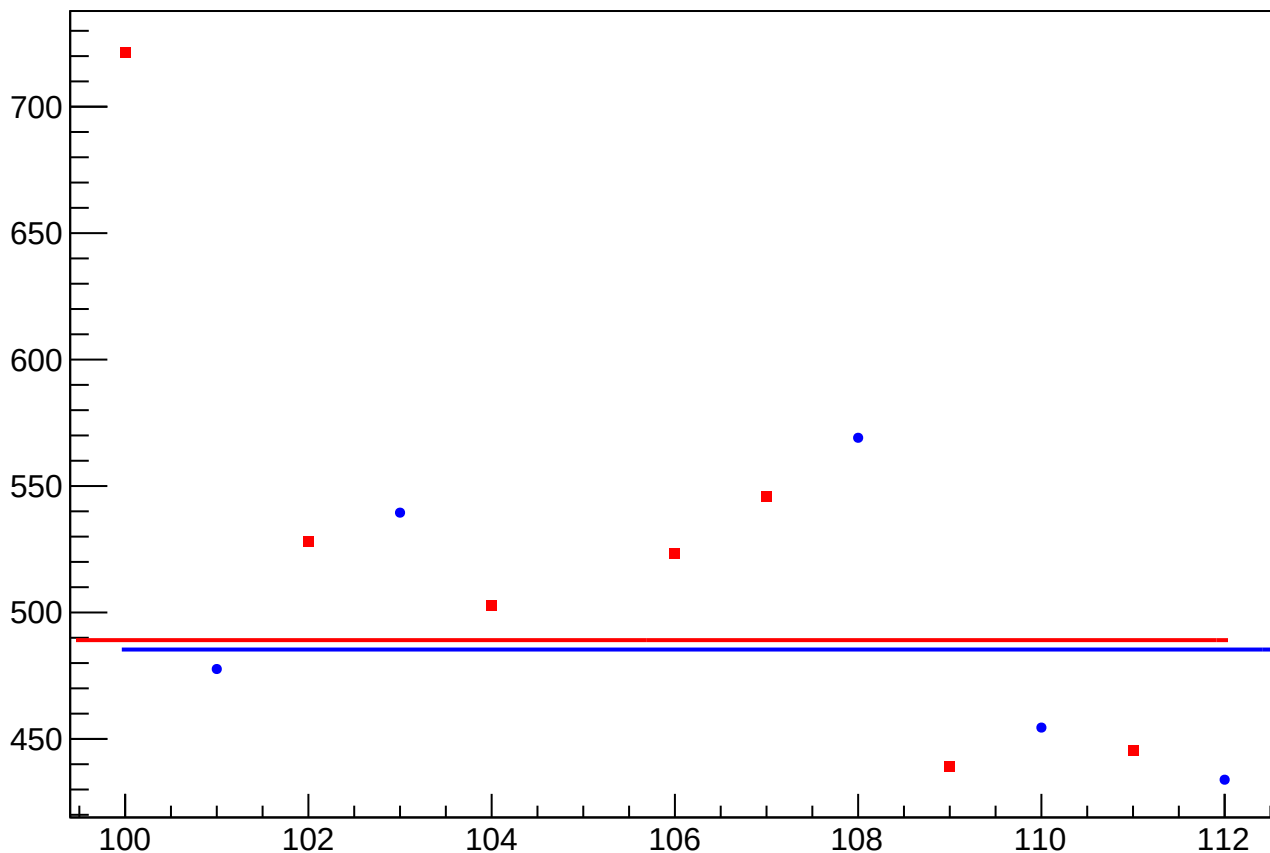
Right: -203.711+/-212.451 χ^2 /NDF: 11.2/11

In: -112.138+/-306.679 χ^2 /NDF:6.2/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -203.711+/-212.451 χ^2 /NDF: 11.2/11

asym_sam_1357_2468_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 485.349+/-0.217 χ^2/NDF : 47081.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 489.068+/-0.208 χ^2/NDF : 53332.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

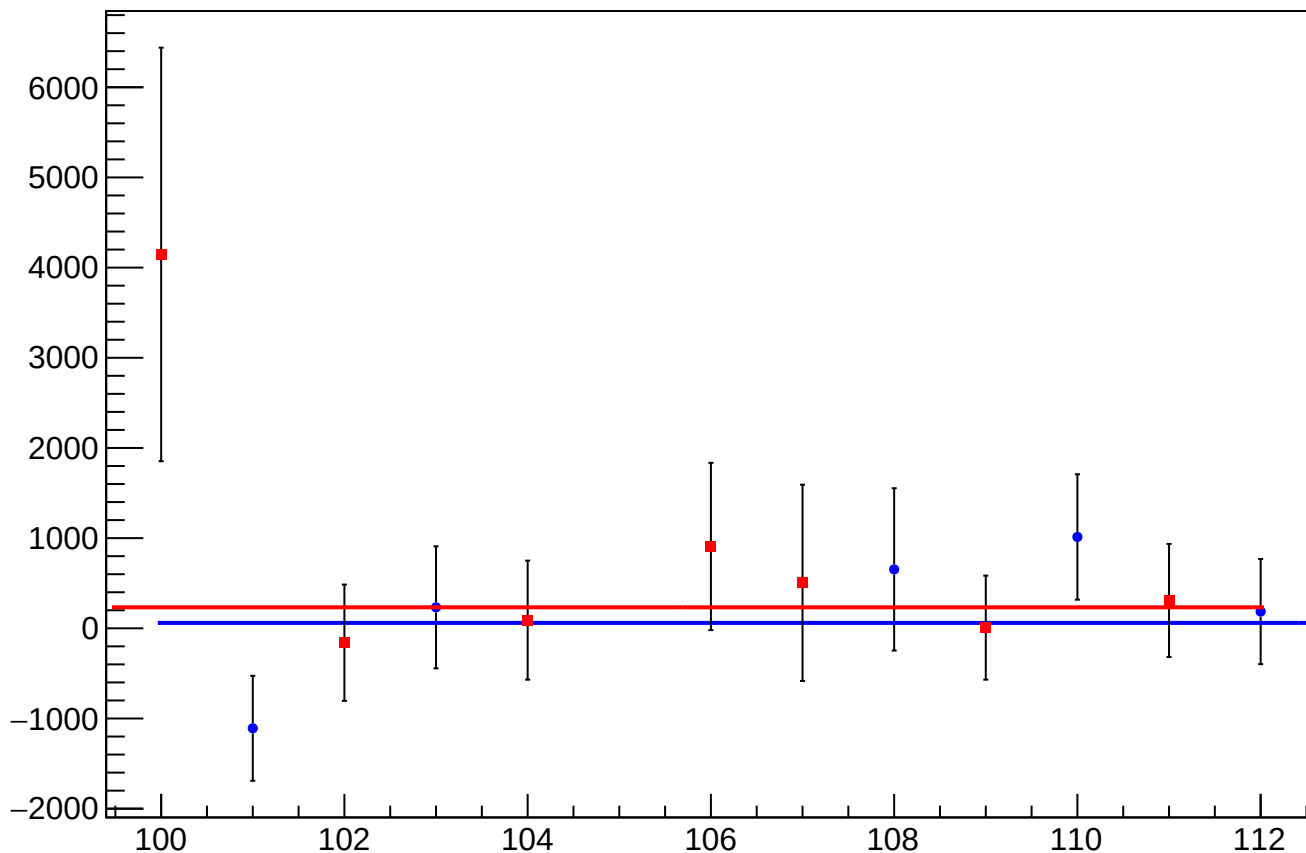
Right: 487.283+/-0.150 χ^2/NDF : 100567.2/11

In: 485.349+/-0.217 χ^2/NDF : 47081.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 487.283+/-0.150 χ^2/NDF : 100567.2/11

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: 60.144+/-296.476 χ^2/NDF : 6.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 233.118+/-283.460 χ^2/NDF : 4.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

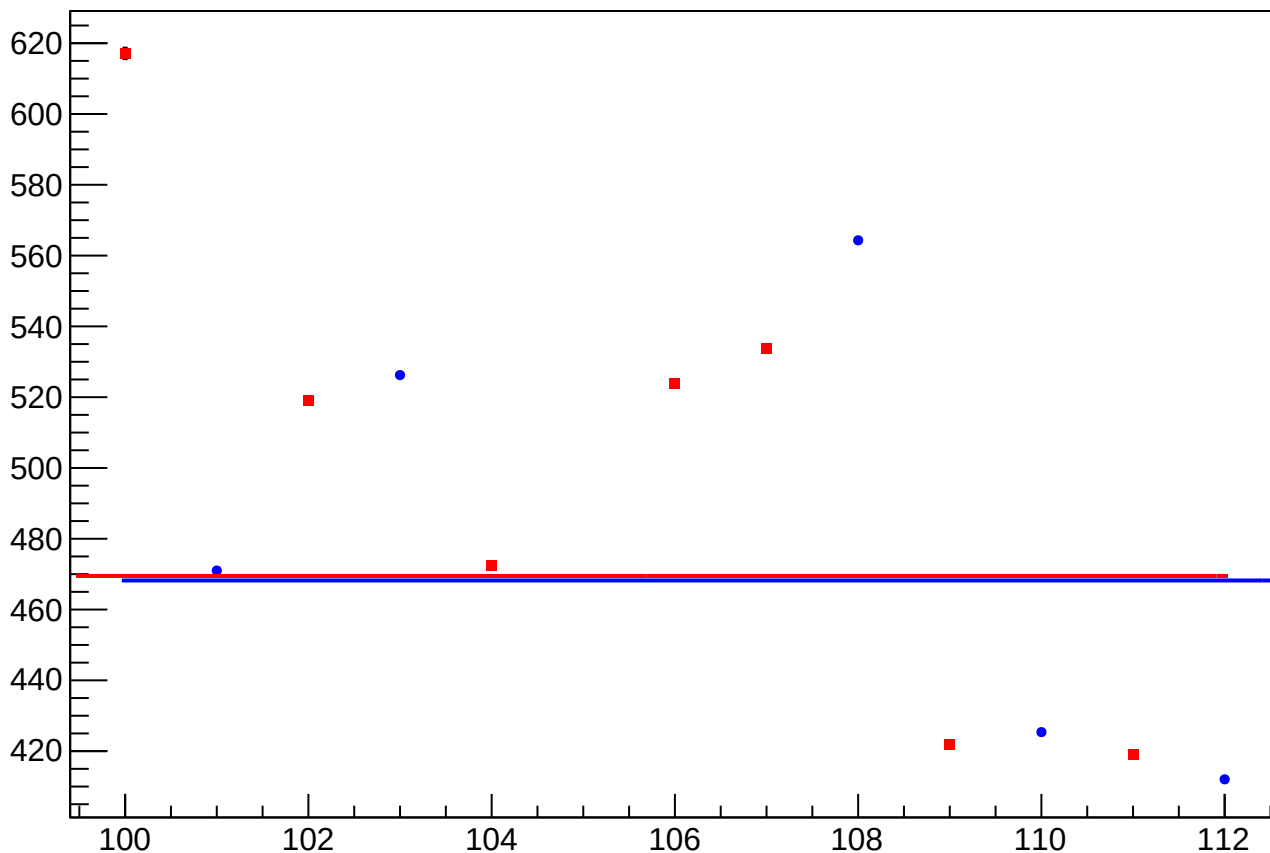
Right: 150.511+/-204.884 χ^2/NDF : 10.7/11

In: 60.144+/-296.476 χ^2/NDF : 6.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.511+/-204.884 χ^2/NDF : 10.7/11

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 468.215 $\pm$ 0.210 χ^2 /NDF: 63701.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 469.494 $\pm$ 0.200 χ^2 /NDF: 60711.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

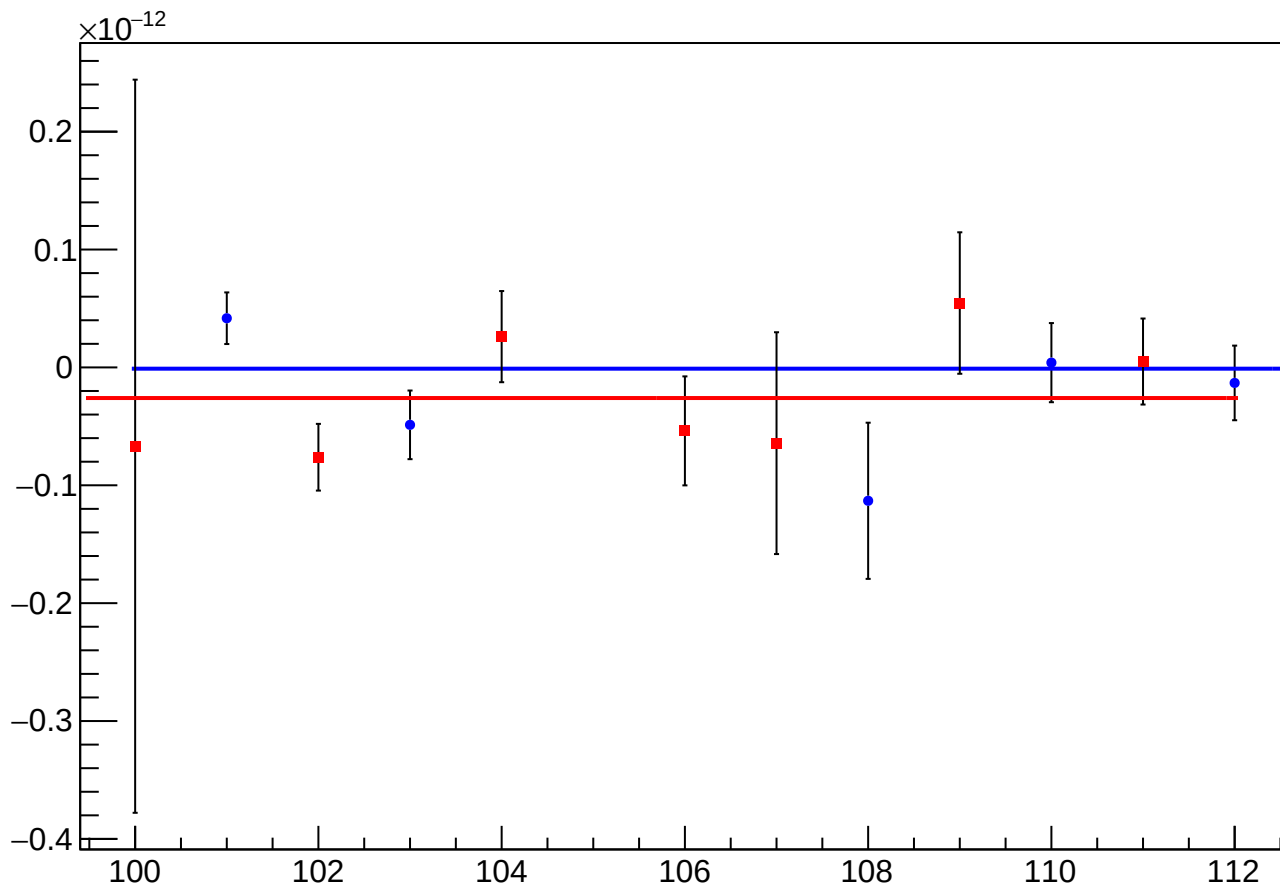
Right: 468.883 $\pm$ 0.145 χ^2 /NDF: 124433.3/11

In: 468.215 $\pm$ 0.210 χ^2 /NDF:63701.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 468.883 $\pm$ 0.145 χ^2 /NDF: 124433.3/11

asym_sam_1357_2468_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

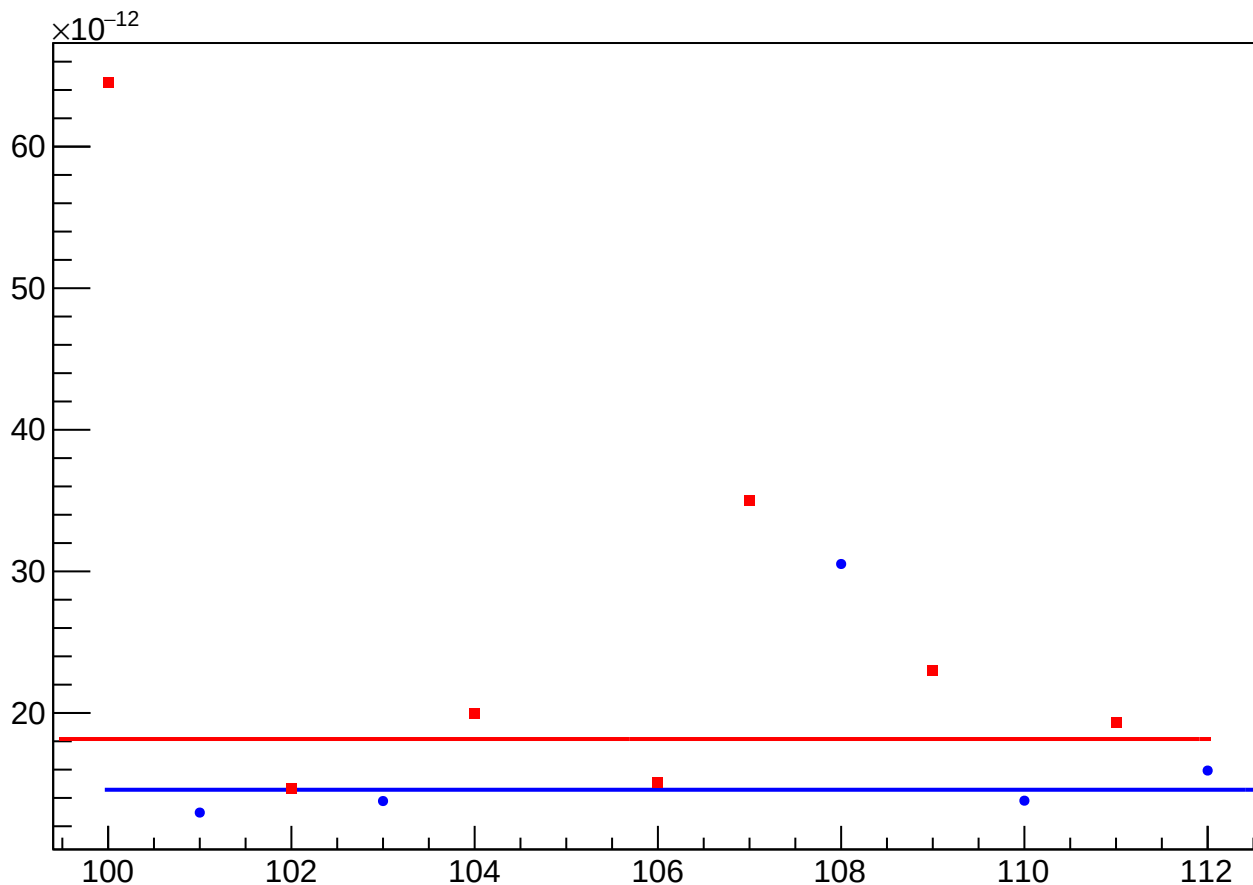
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 18.9/11

In: -0.000 $\pm$ 0.000 χ^2 /NDF:9.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 18.9/11

asym_sam_1357_2468_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 132929.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 167258.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

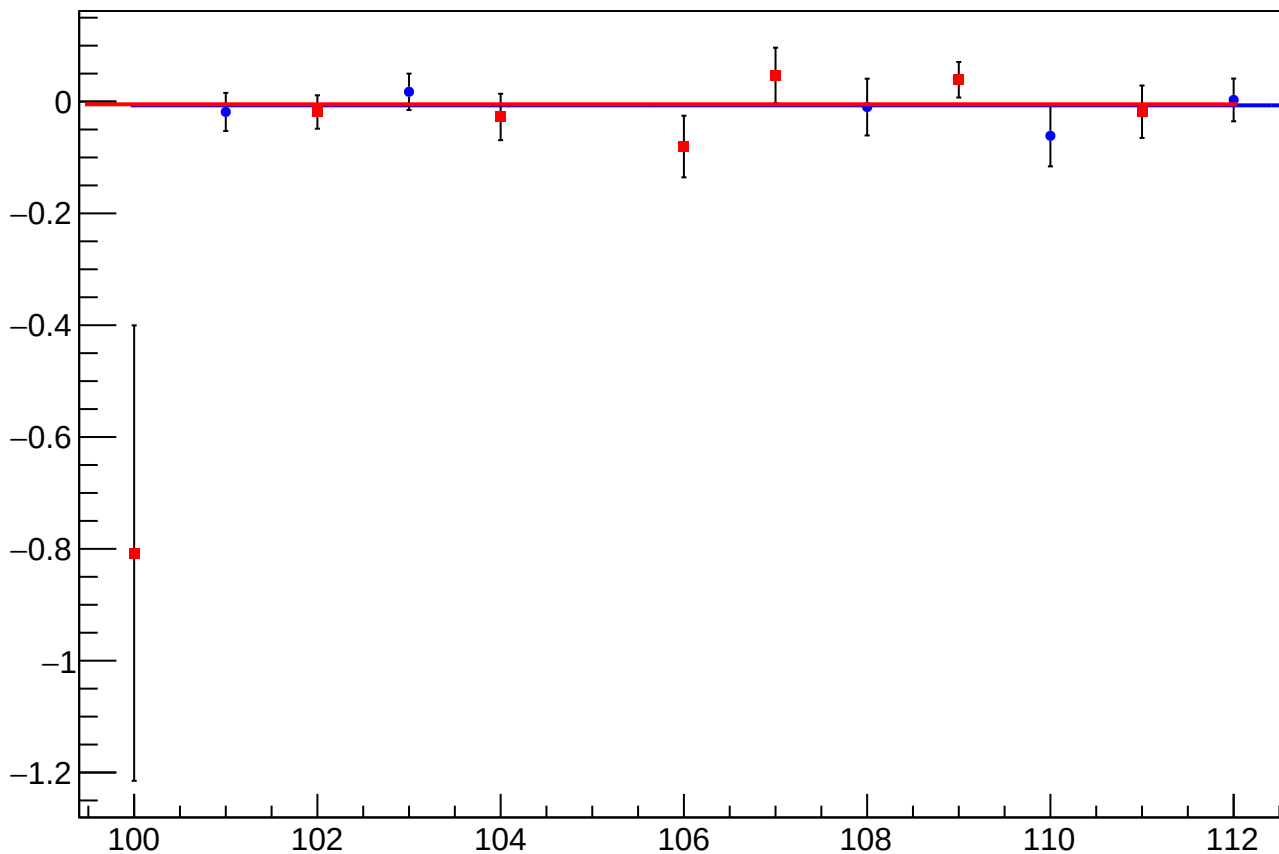
Right: 0.000+/-0.000 χ^2/NDF : 355002.8/11

In: 0.000+/-0.000 χ^2/NDF : 132929.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 355002.8/11

asym_sam_1357_2468_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.018 χ^2 /NDF: 1.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.005 $\pm$ 0.016 χ^2 /NDF: 9.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

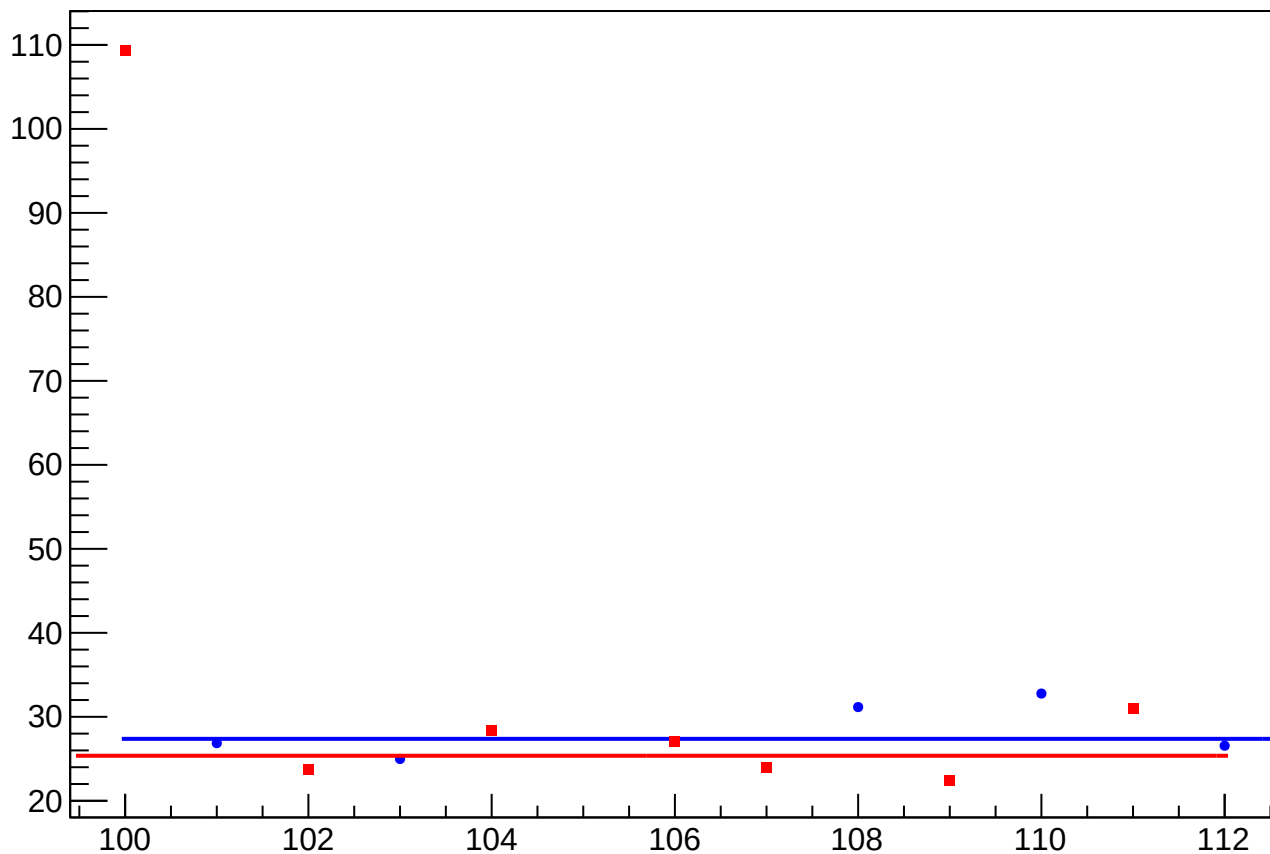
Right: -0.006 $\pm$ 0.012 χ^2 /NDF: 11.1/11

In: -0.007 $\pm$ 0.018 χ^2 /NDF:1.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.006 $\pm$ 0.012 χ^2 /NDF: 11.1/11

asym_sam_1357_2468_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.377+/-0.012 χ^2/NDF : 42862.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.364+/-0.011 χ^2/NDF : 151316.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

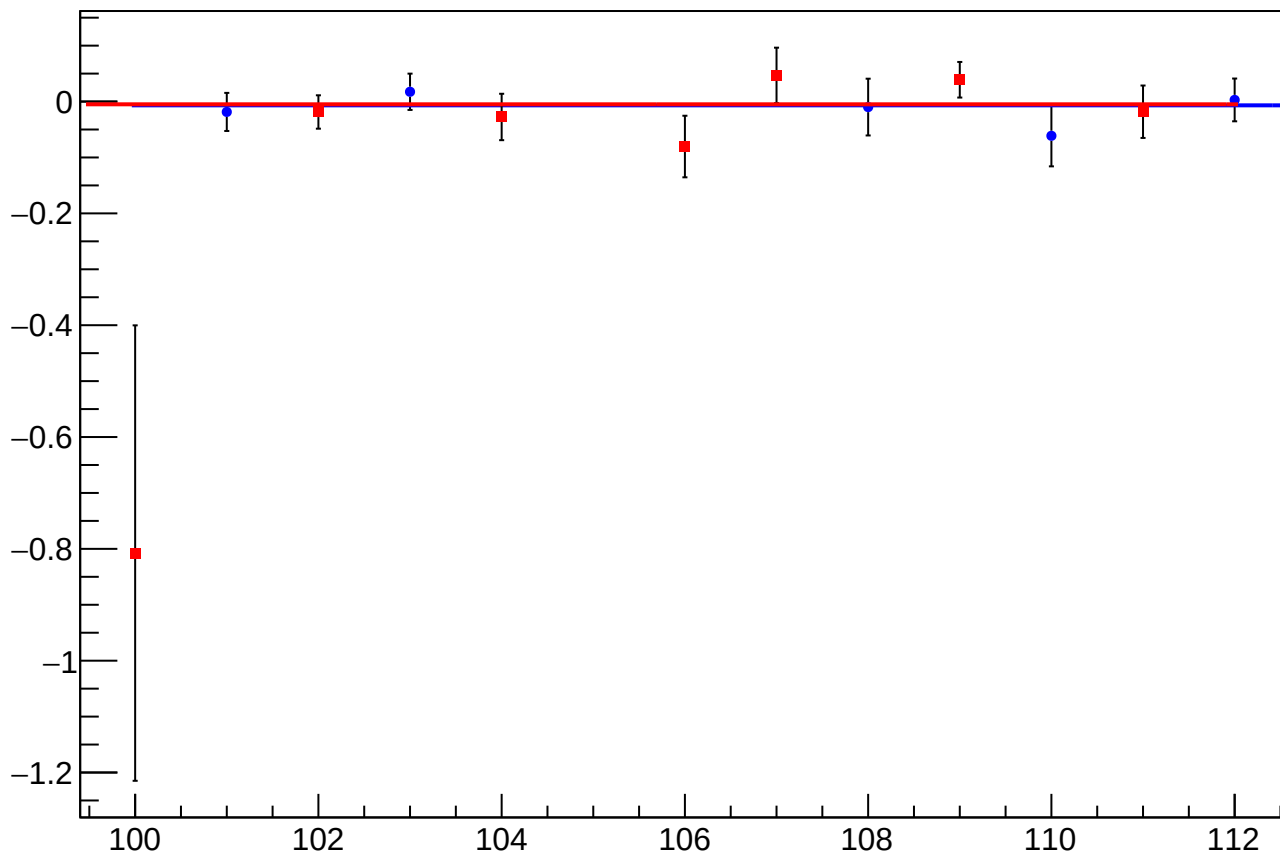
Right: 26.276+/-0.008 χ^2/NDF : 208439.7/11

In: 27.377+/-0.012 χ^2/NDF : 42862.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.276+/-0.008 χ^2/NDF : 208439.7/11

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.018 χ^2/NDF : 1.7/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.005 ± 0.016 χ^2/NDF : 9.3/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

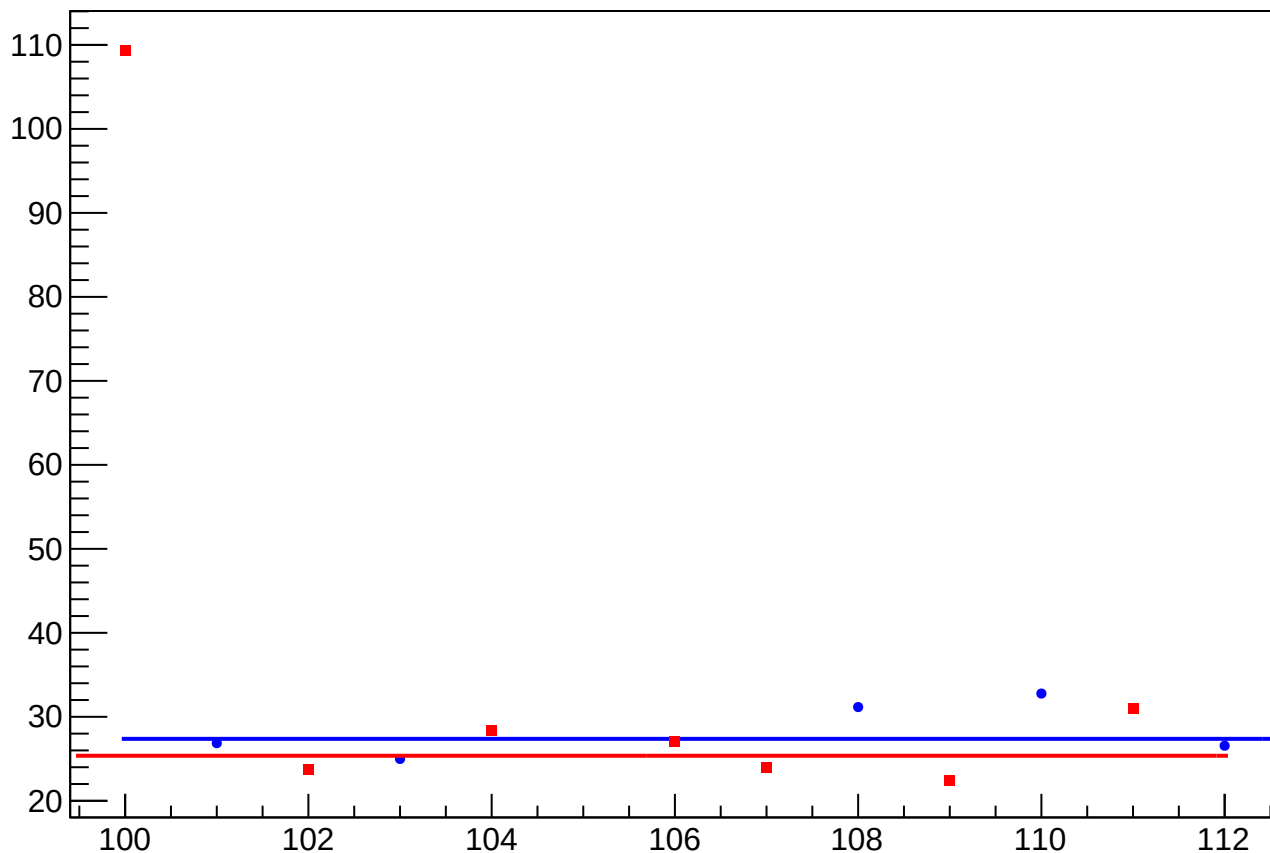
Right: -0.006 ± 0.012 χ^2/NDF : 11.1/11

In: -0.007 ± 0.018 χ^2/NDF : 1.7/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.006 ± 0.012 χ^2/NDF : 11.1/11

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.377+/-0.012 χ^2/NDF : 42862.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.364+/-0.011 χ^2/NDF : 151316.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

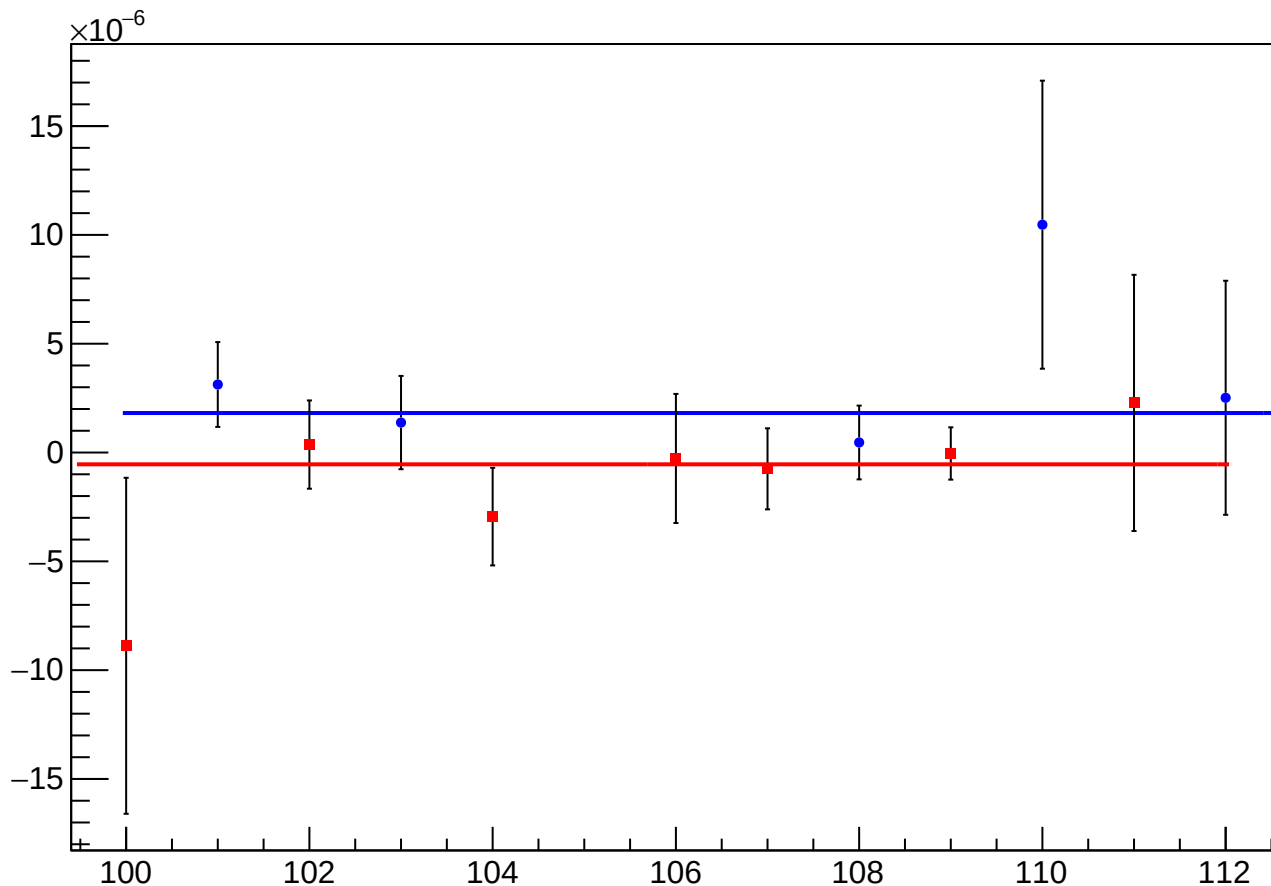
Right: 26.276+/-0.008 χ^2/NDF : 208439.7/11

In: 27.377+/-0.012 χ^2/NDF : 42862.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.276+/-0.008 χ^2/NDF : 208439.7/11

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

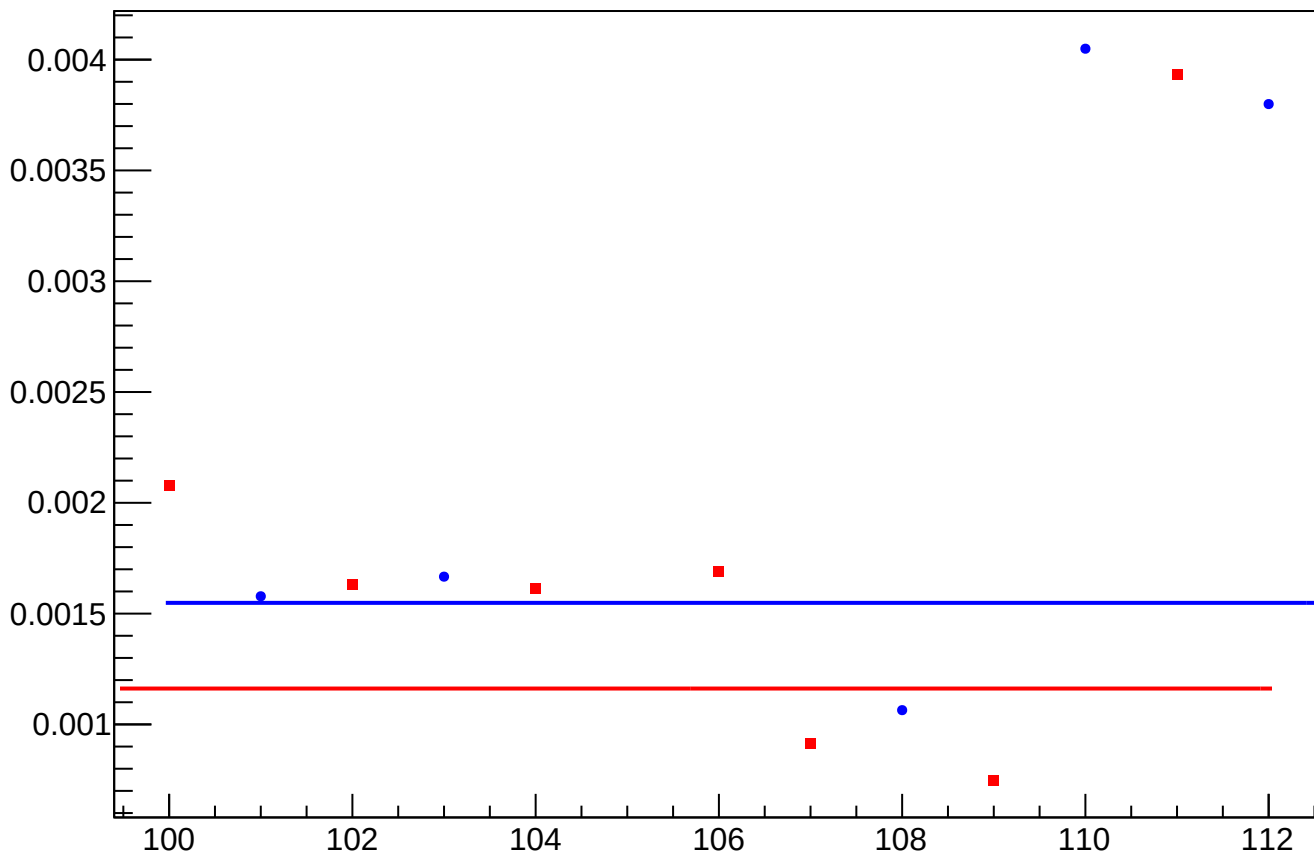
Right: 0.000+/-0.000 χ^2/NDF : 9.0/11

In: 0.000+/-0.000 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.0/11

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 805823.1/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 997051.9/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

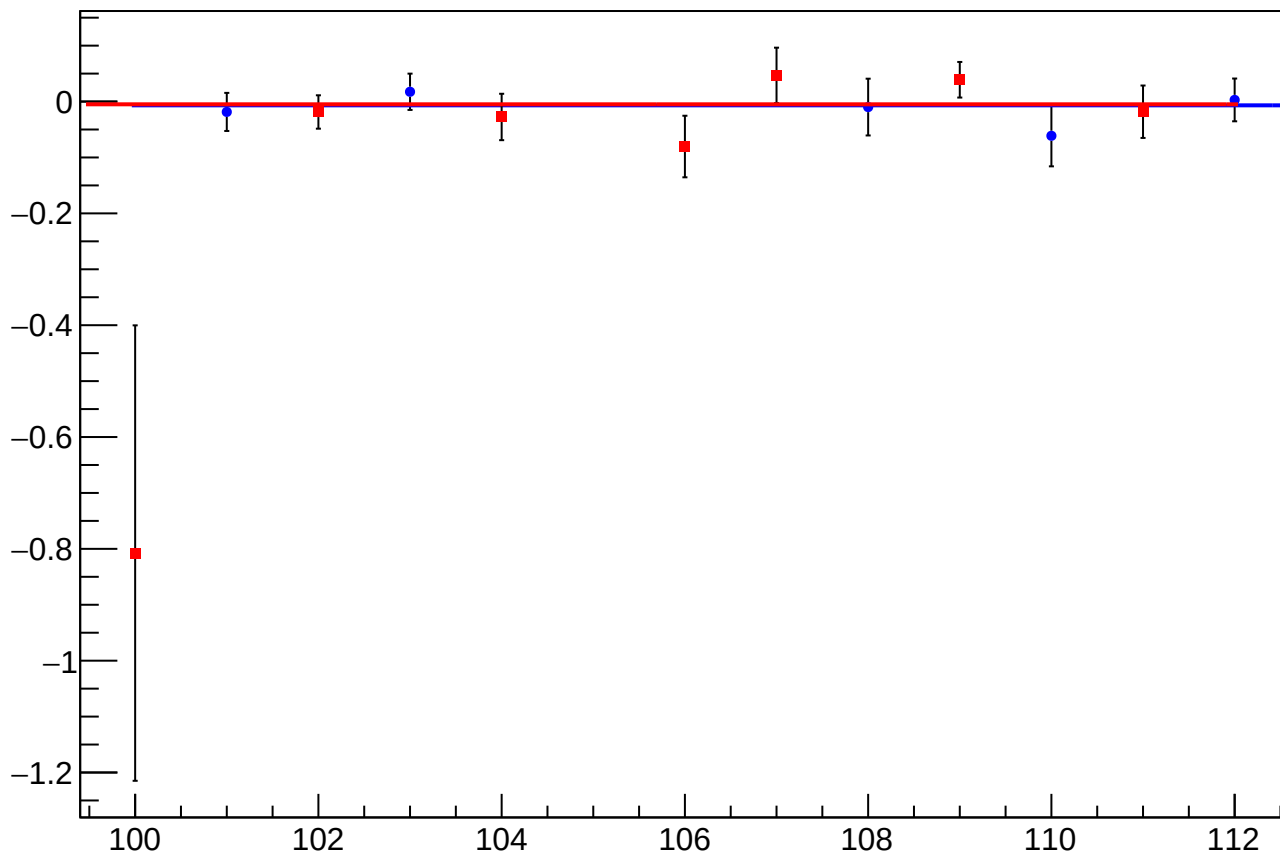
Right: 0.001+/-0.000 χ^2/NDF : 1972741.0/11

In: 0.002+/-0.000 χ^2/NDF :805823.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1972741.0/11

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.018 χ^2 /NDF: 1.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.005 $\pm$ 0.016 χ^2 /NDF: 9.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

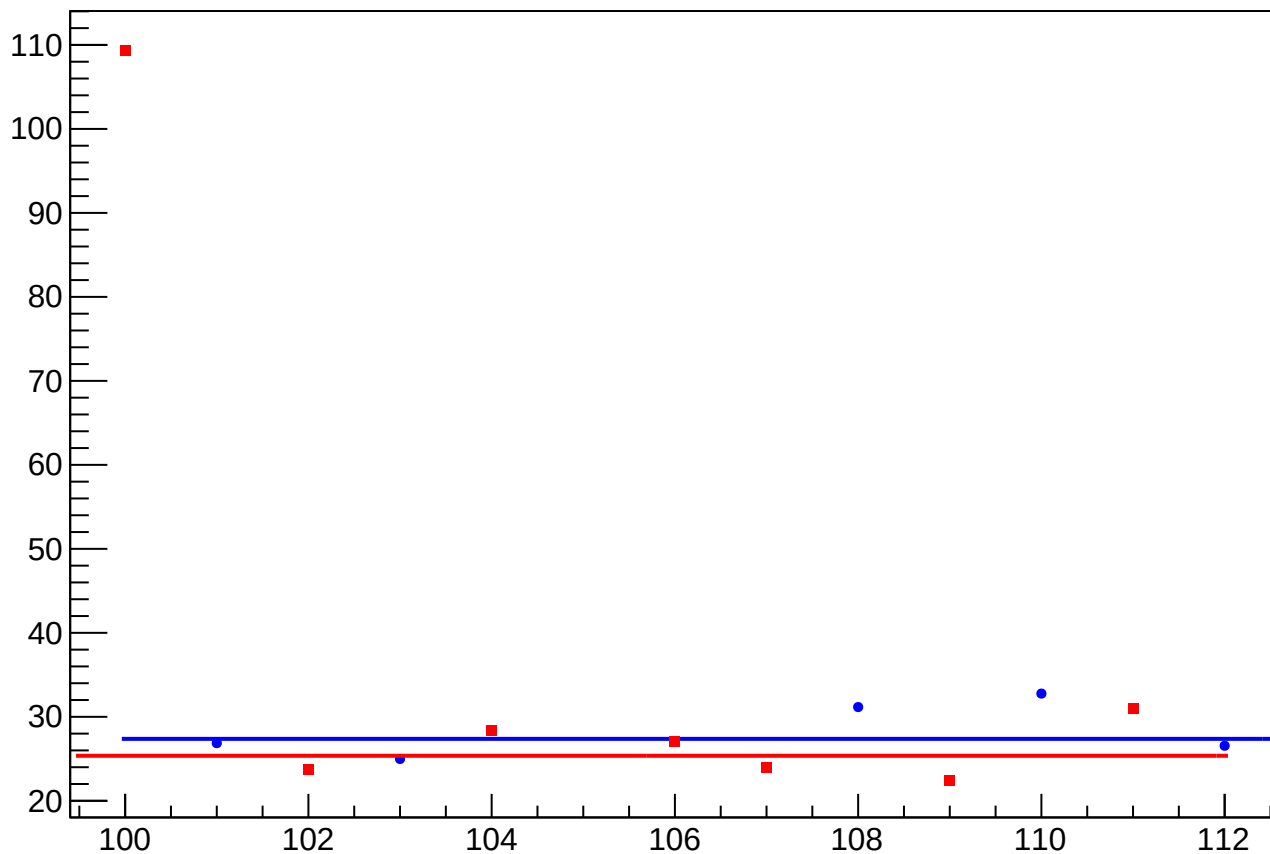
Right: -0.006 $\pm$ 0.012 χ^2 /NDF: 11.1/11

In: -0.007 $\pm$ 0.018 χ^2 /NDF:1.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.006 $\pm$ 0.012 χ^2 /NDF: 11.1/11

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.376+/-0.012 χ^2/NDF : 42855.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.364+/-0.011 χ^2/NDF : 151291.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

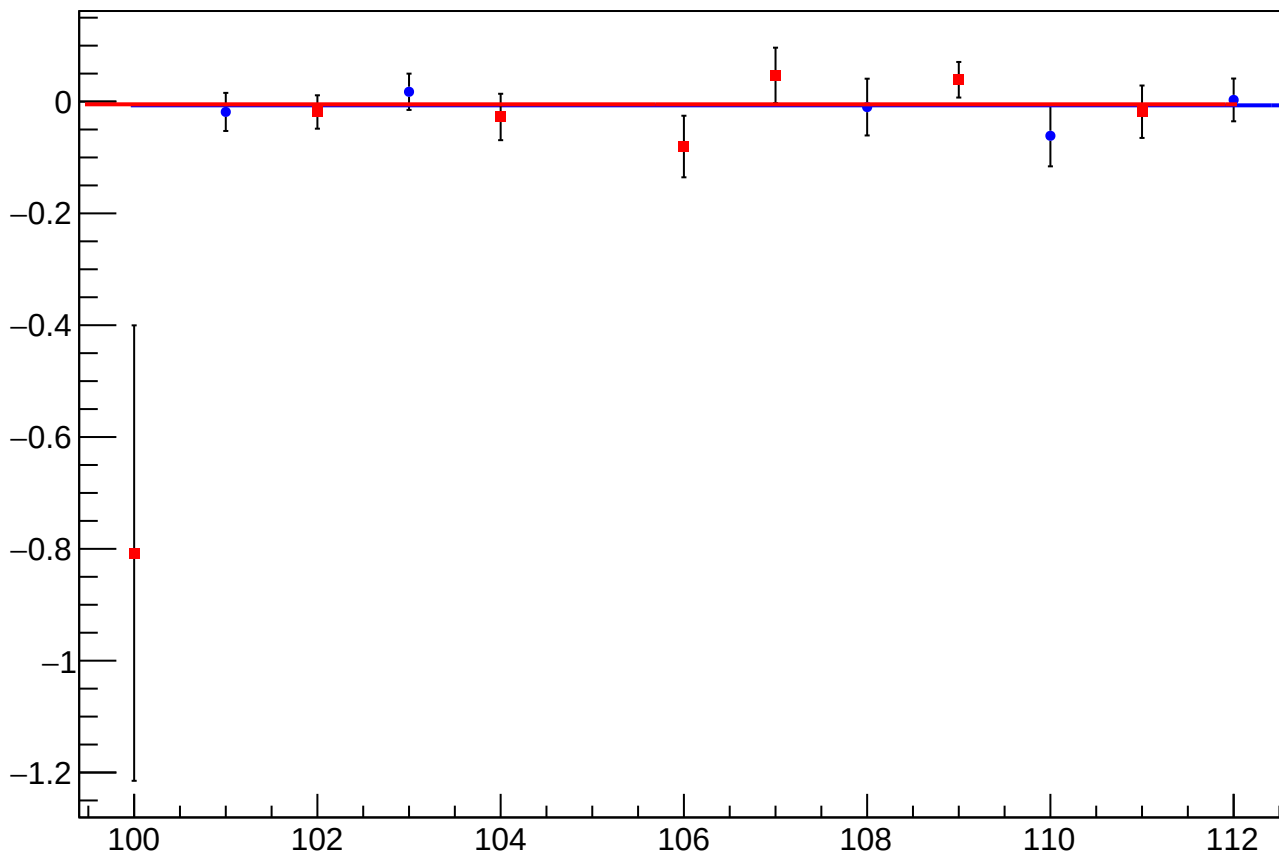
Right: 26.275+/-0.008 χ^2/NDF : 208406.2/11

In: 27.376+/-0.012 χ^2/NDF : 42855.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.275+/-0.008 χ^2/NDF : 208406.2/11

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.018 χ^2 /NDF: 1.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.005 $\pm$ 0.016 χ^2 /NDF: 9.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

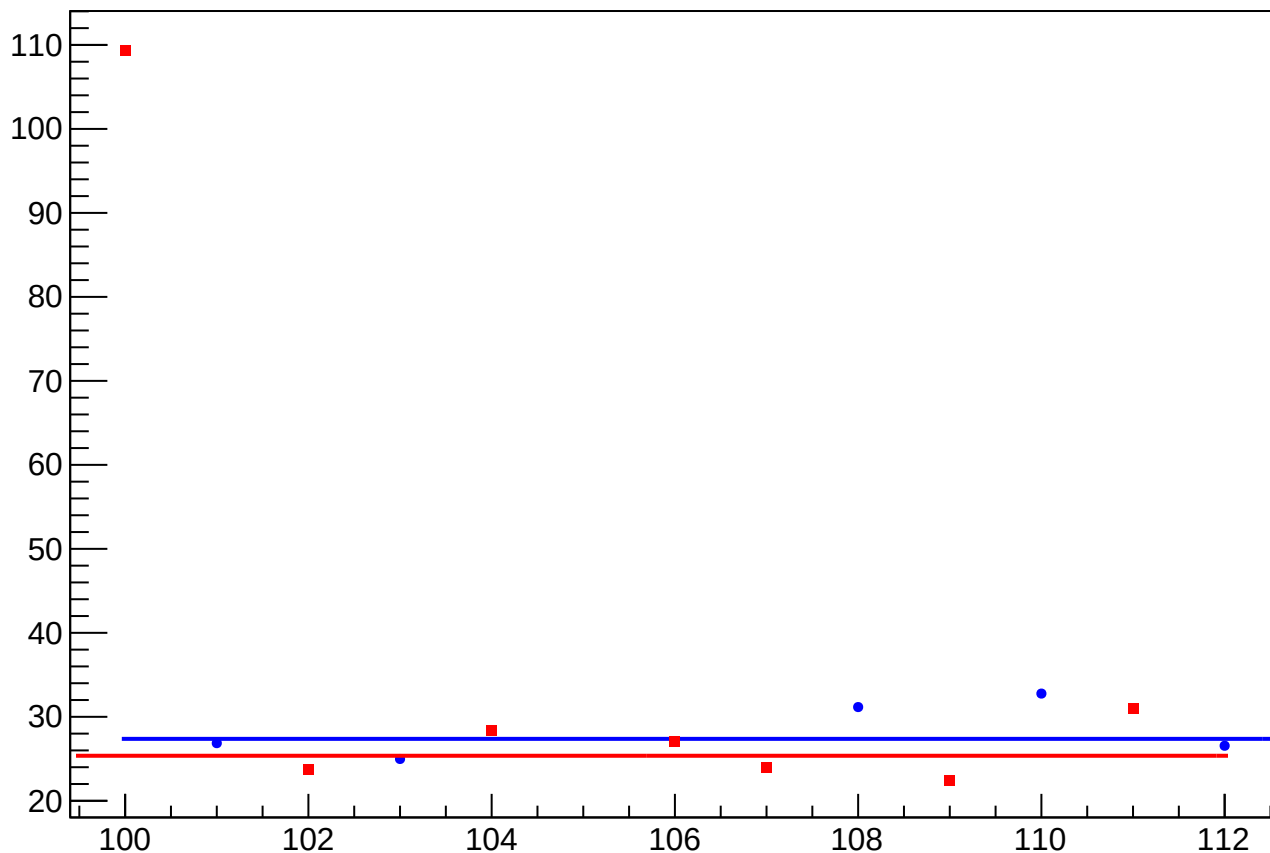
Right: -0.006 $\pm$ 0.012 χ^2 /NDF: 11.1/11

In: -0.007 $\pm$ 0.018 χ^2 /NDF:1.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.006 $\pm$ 0.012 χ^2 /NDF: 11.1/11

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.376+/-0.012 χ^2/NDF : 42855.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.364+/-0.011 χ^2/NDF : 151291.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

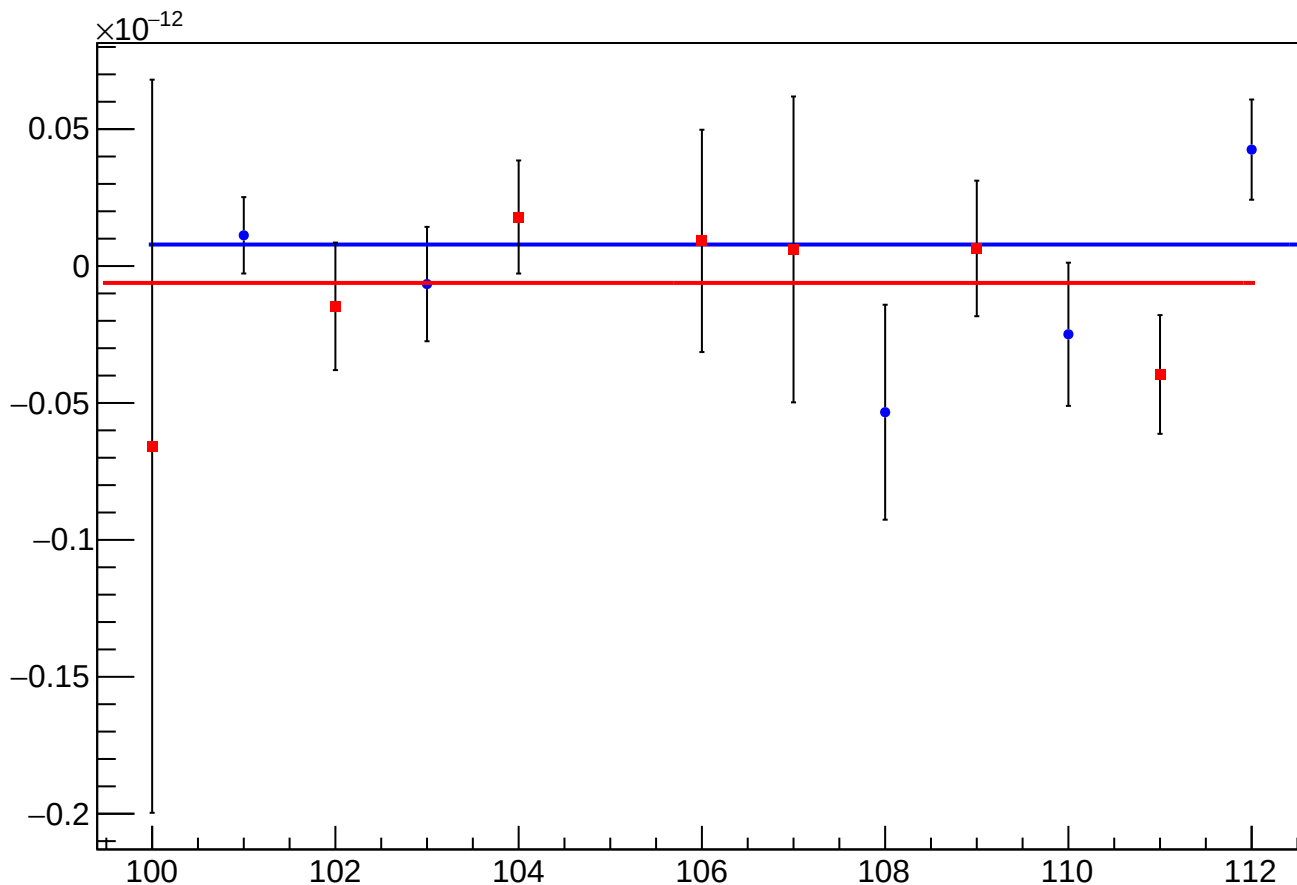
Right: 26.275+/-0.008 χ^2/NDF : 208406.2/11

In: 27.376+/-0.012 χ^2/NDF : 42855.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.275+/-0.008 χ^2/NDF : 208406.2/11

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

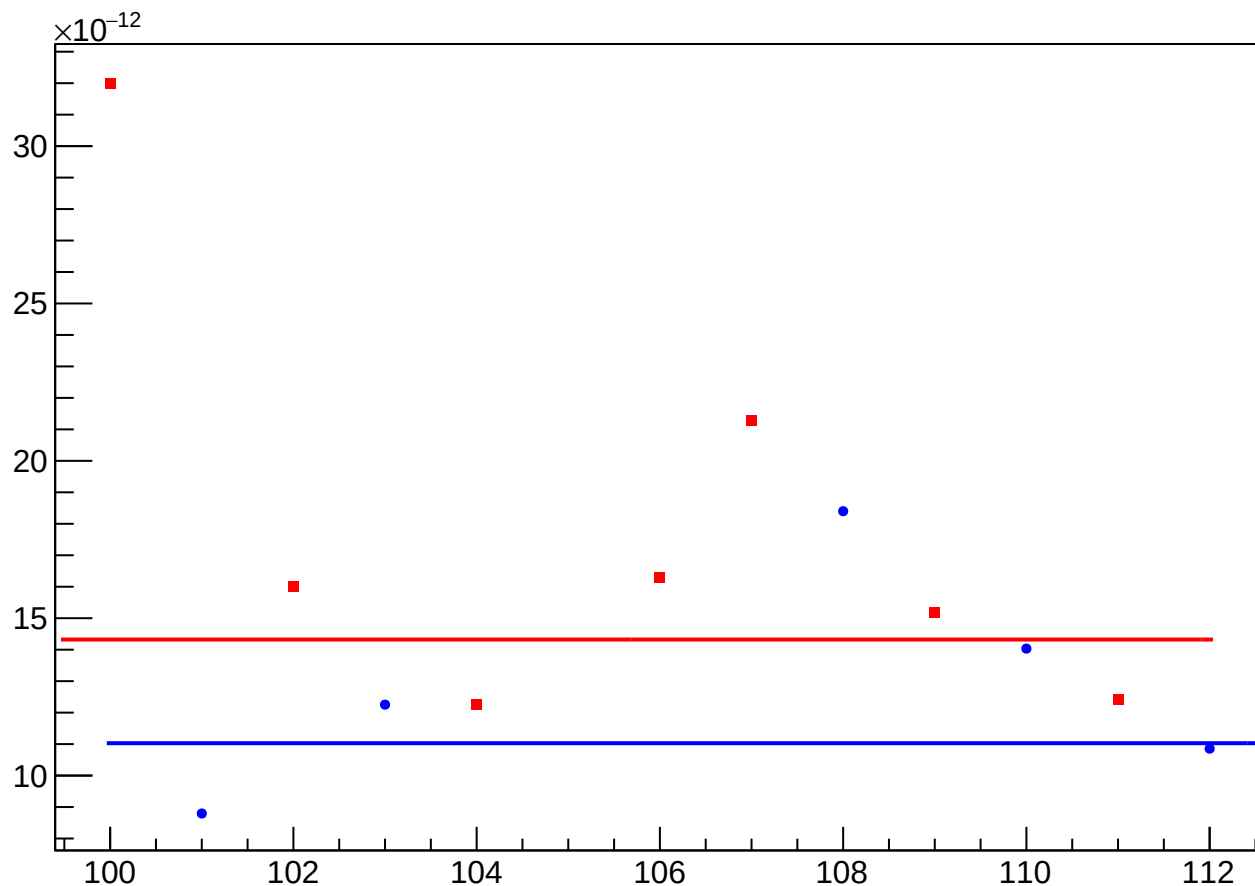
Right: 0.000+/-0.000 χ^2/NDF : 13.7/11

In: 0.000+/-0.000 χ^2/NDF : 8.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.7/11

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 155310.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 119102.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

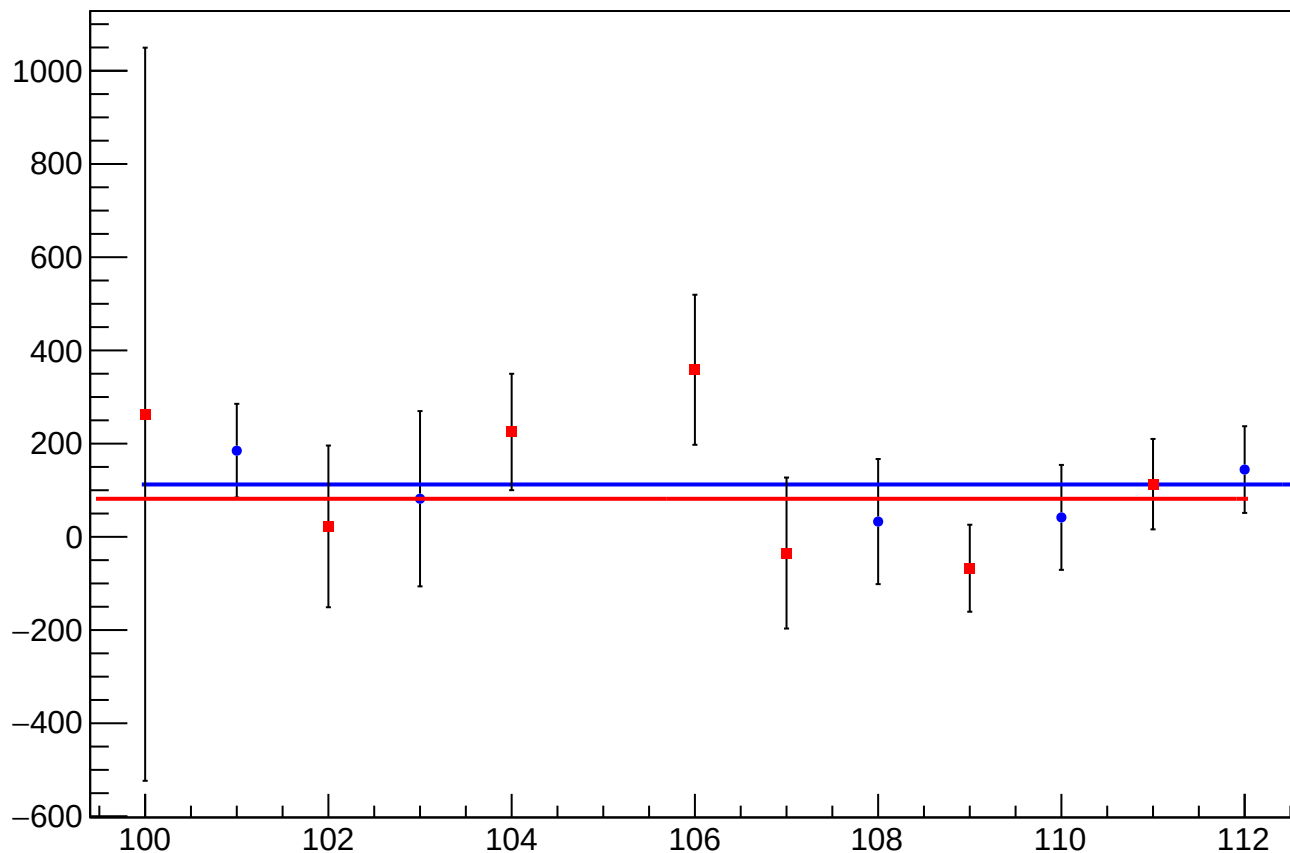
Right: 0.000+/-0.000 χ^2/NDF : 387584.8/11

In: 0.000+/-0.000 χ^2/NDF : 155310.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 387584.8/11

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 112.367 $\pm$ 51.490 χ^2 /NDF: 1.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 81.650 $\pm$ 50.209 χ^2 /NDF: 7.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

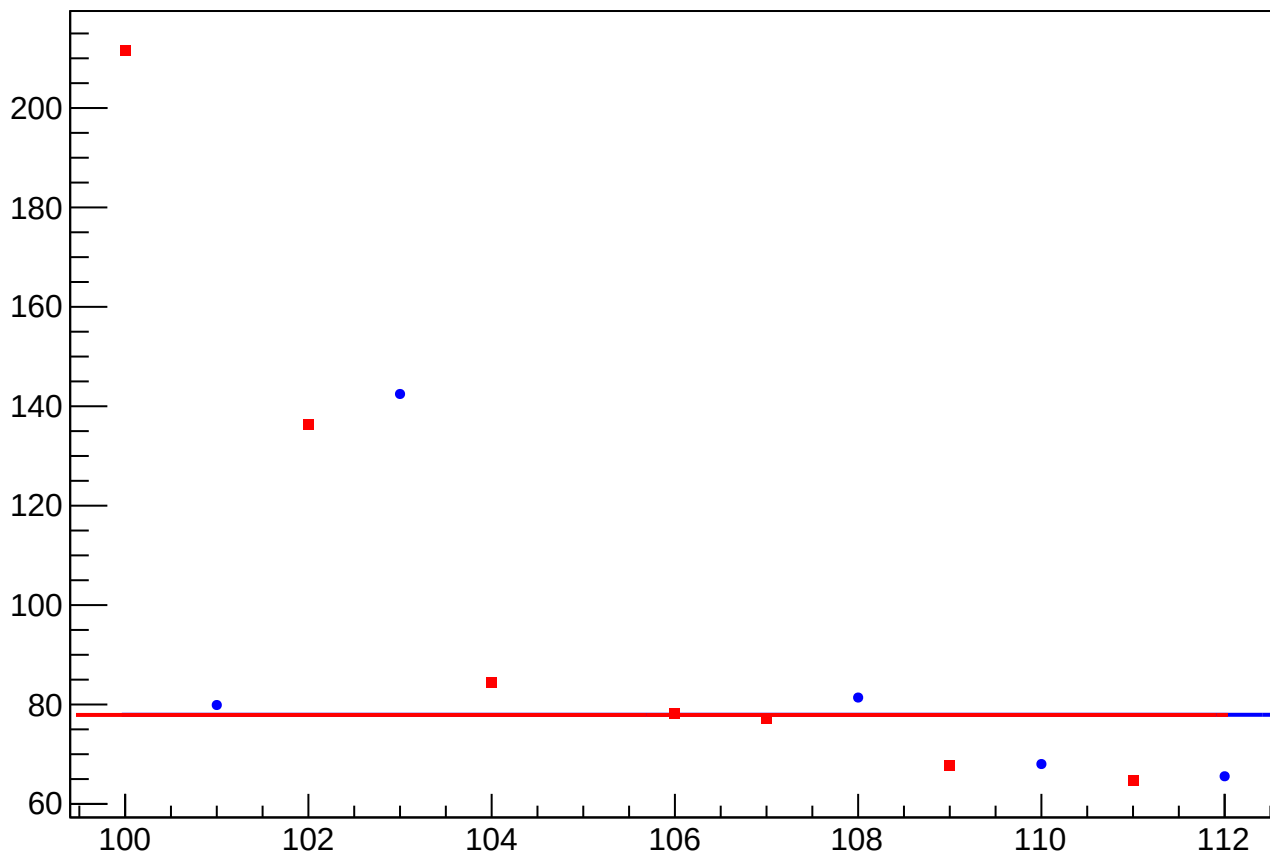
Right: 96.622 $\pm$ 35.947 χ^2 /NDF: 9.2/11

In: 112.367 $\pm$ 51.490 χ^2 /NDF:1.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 96.622 $\pm$ 35.947 χ^2 /NDF: 9.2/11

reg_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 77.932+/-0.036 χ^2/NDF : 288576.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.901+/-0.036 χ^2/NDF : 351063.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

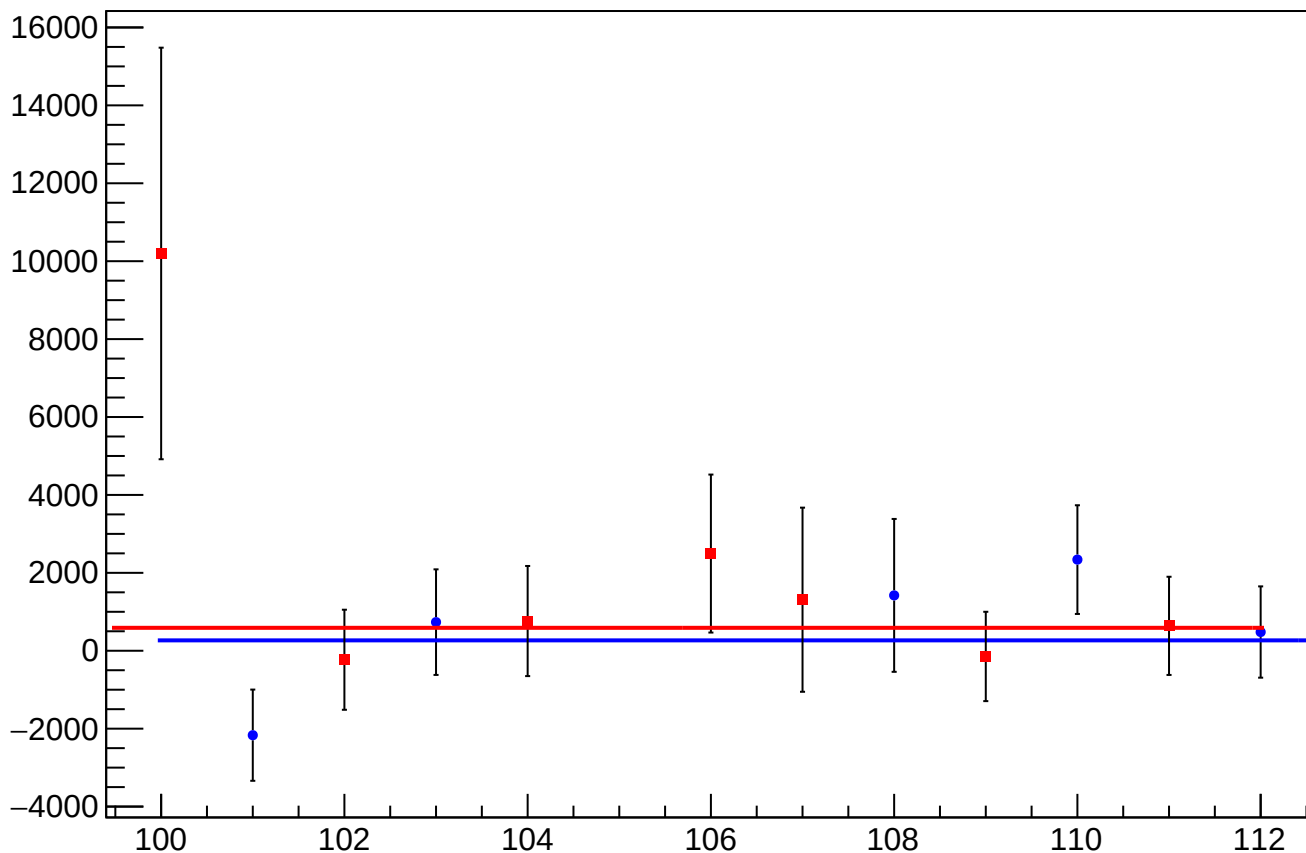
Right: 77.916+/-0.025 χ^2/NDF : 639640.2/11

In: 77.932+/-0.036 χ^2/NDF : 288576.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.916+/-0.025 χ^2/NDF : 639640.2/11

asym_sam_12345678_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 266.560 $\pm$ 600.196 χ^2 /NDF: 7.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 588.812 $\pm$ 581.717 χ^2 /NDF: 5.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

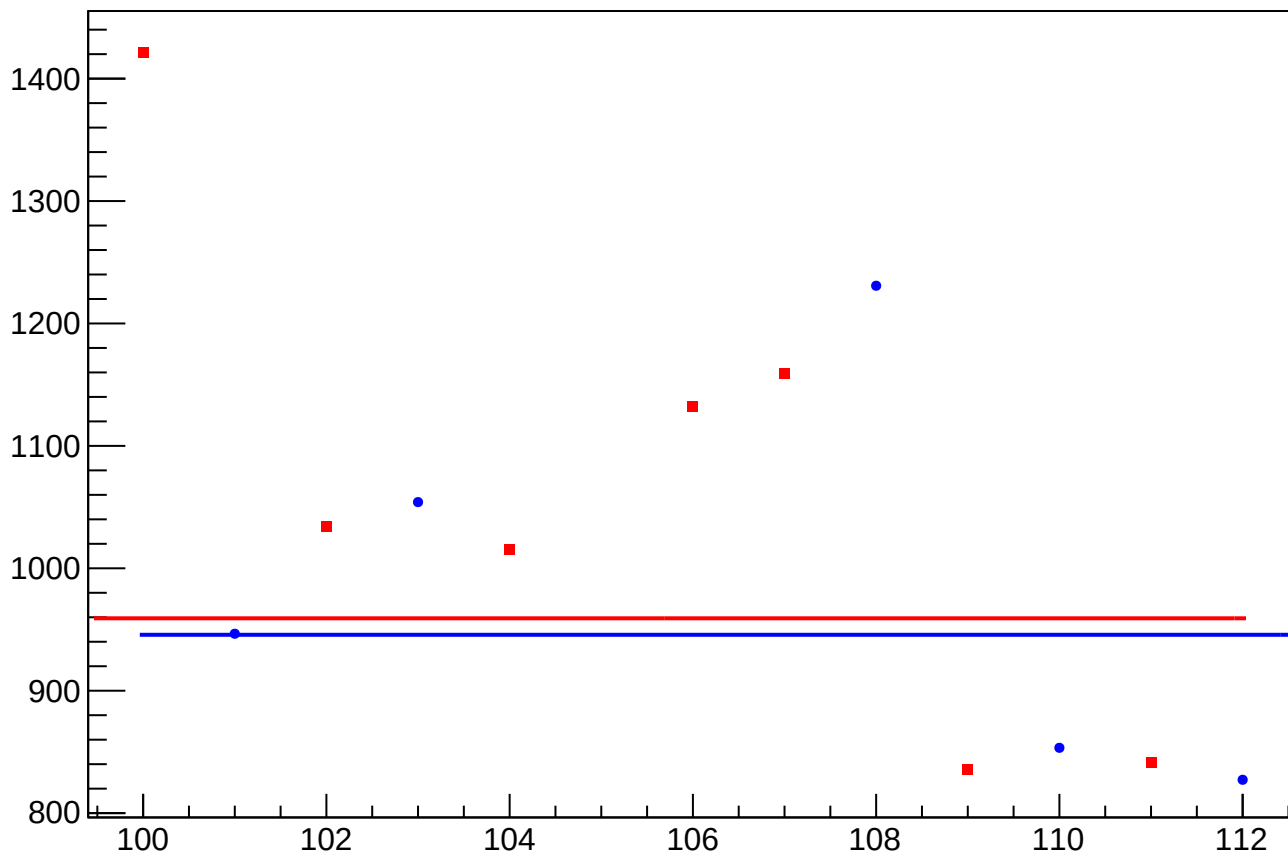
Right: 432.723 $\pm$ 417.716 χ^2 /NDF: 12.3/11

In: 266.560 $\pm$ 600.196 χ^2 /NDF:7.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 432.723 $\pm$ 417.716 χ^2 /NDF: 12.3/11

asym_sam_12345678_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 945.691+/-0.424 χ^2/NDF : 84222.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 959.158+/-0.411 χ^2/NDF : 94826.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

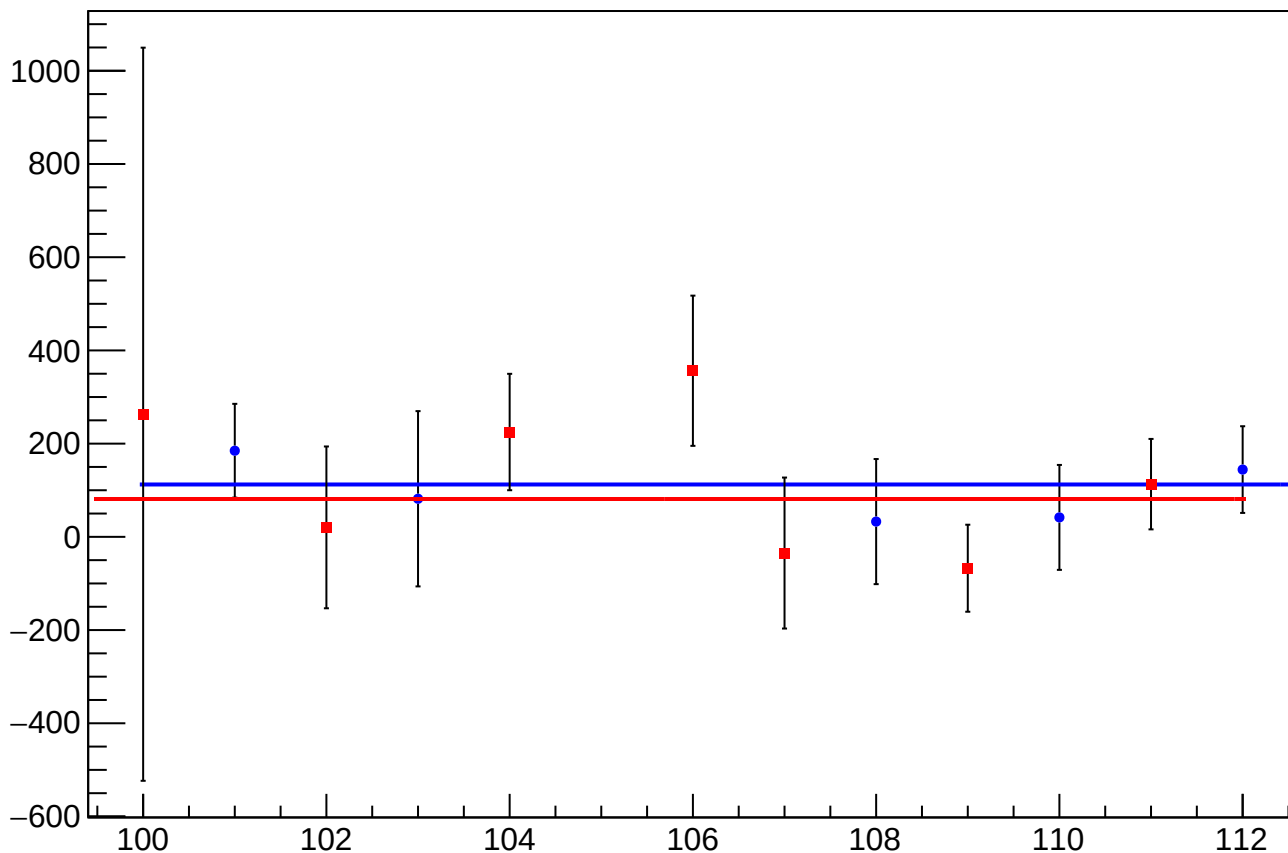
Right: 952.635+/-0.295 χ^2/NDF : 179567.8/11

In: 945.691+/-0.424 χ^2/NDF : 84222.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 952.635+/-0.295 χ^2/NDF : 179567.8/11

cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 112.357 $\pm$ 51.490 χ^2 /NDF: 1.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 81.218 $\pm$ 50.216 χ^2 /NDF: 7.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

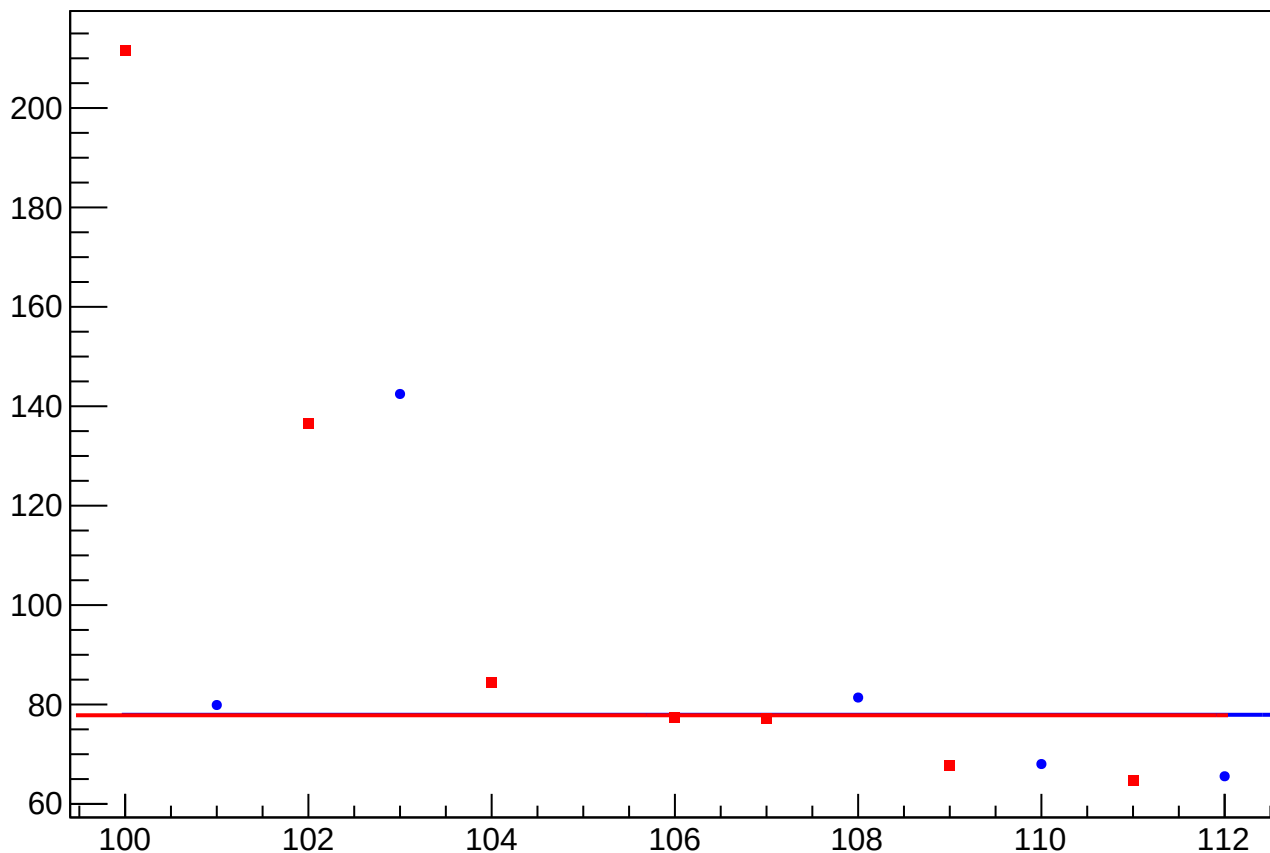
Right: 96.398 $\pm$ 35.950 χ^2 /NDF: 9.2/11

In: 112.357 $\pm$ 51.490 χ^2 /NDF:1.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 96.398 $\pm$ 35.950 χ^2 /NDF: 9.2/11

cor_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 77.932+/-0.036 χ^2/NDF : 288579.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.834+/-0.036 χ^2/NDF : 351346.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

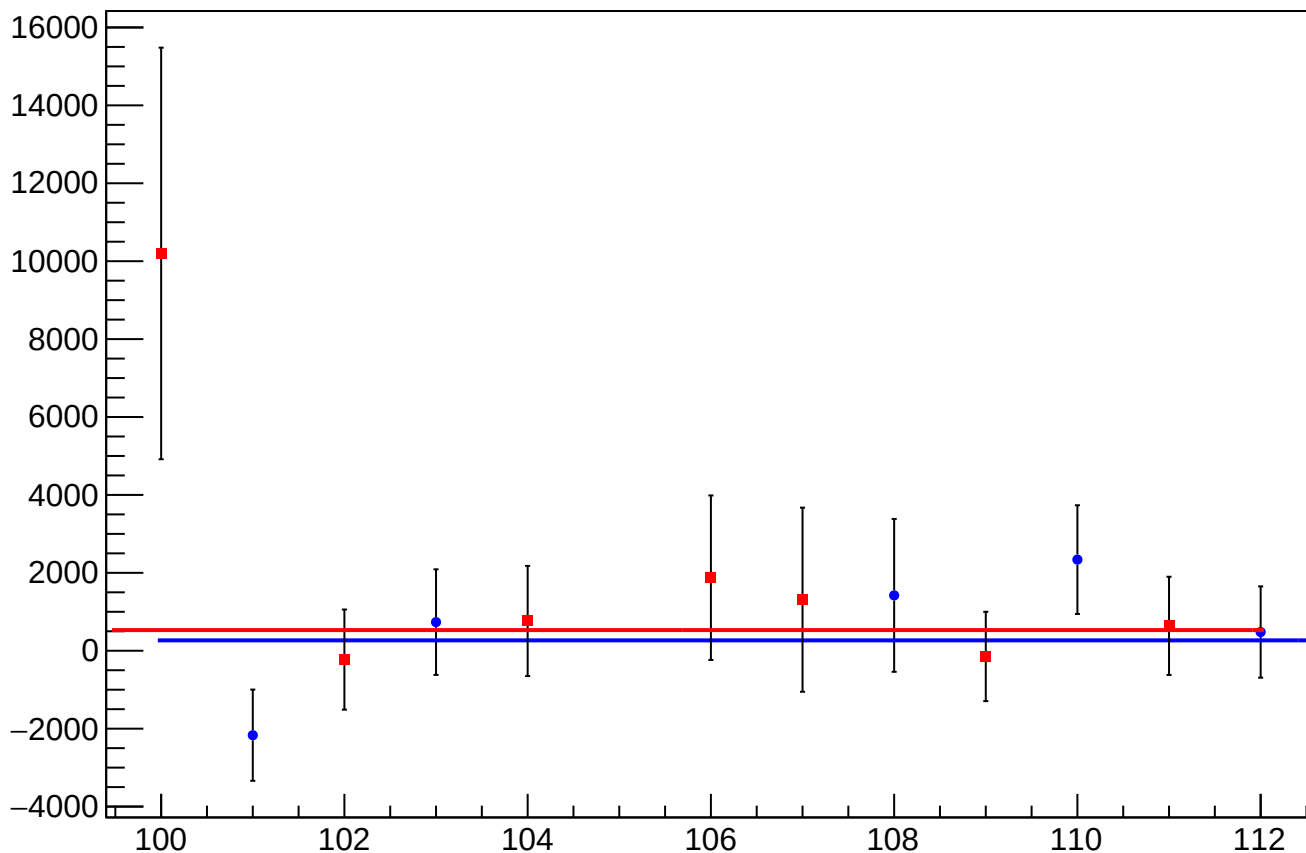
Right: 77.882+/-0.025 χ^2/NDF : 639929.6/11

In: 77.932+/-0.036 χ^2/NDF : 288579.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.882+/-0.025 χ^2/NDF : 639929.6/11

asym_sam_12345678_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 266.655+/-600.206 χ^2/NDF : 7.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 530.506+/-583.673 χ^2/NDF : 4.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

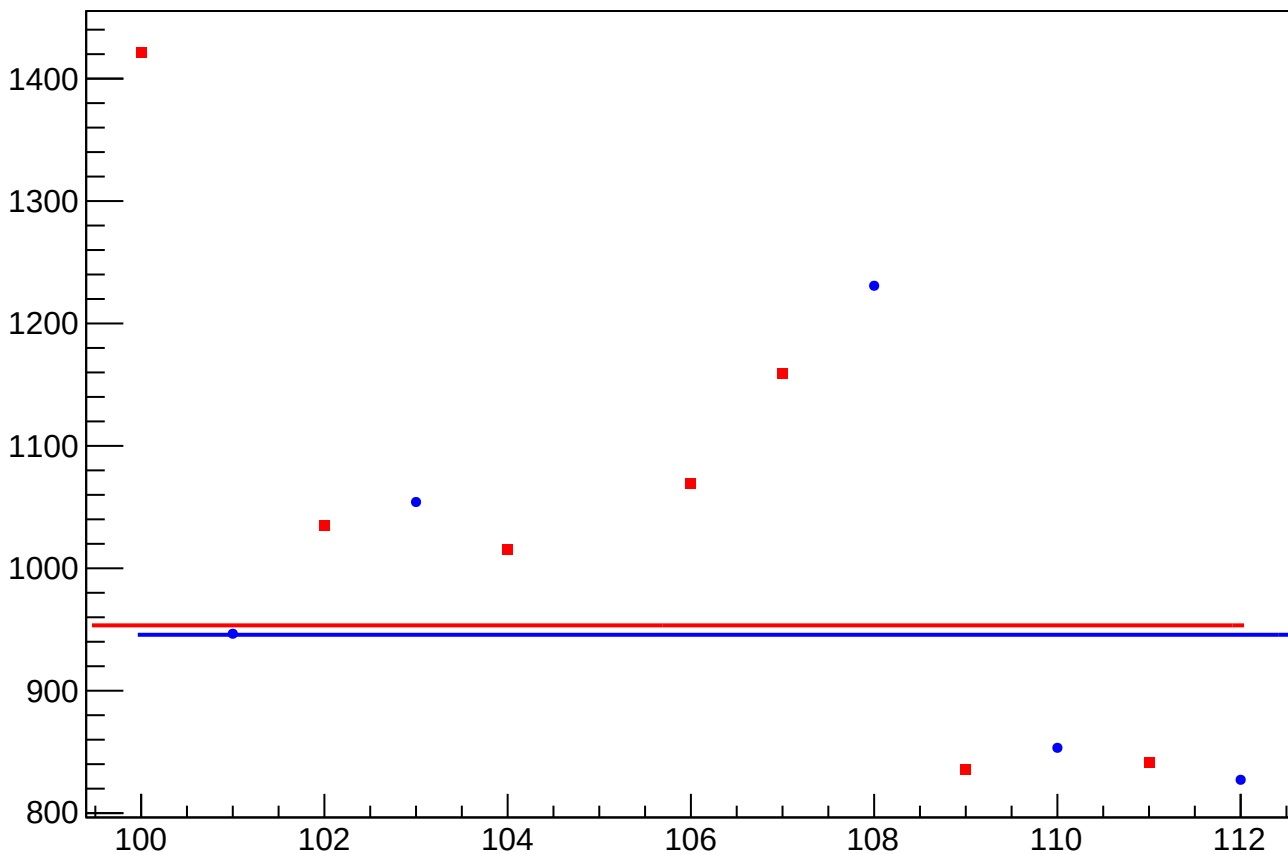
Right: 402.264+/-418.442 χ^2/NDF : 11.7/11

In: 266.655+/-600.206 χ^2/NDF : 7.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 402.264+/-418.442 χ^2/NDF : 11.7/11

asym_sam_12345678_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 945.704+/-0.424 χ^2/NDF : 84239.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 953.390+/-0.413 χ^2/NDF : 85668.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

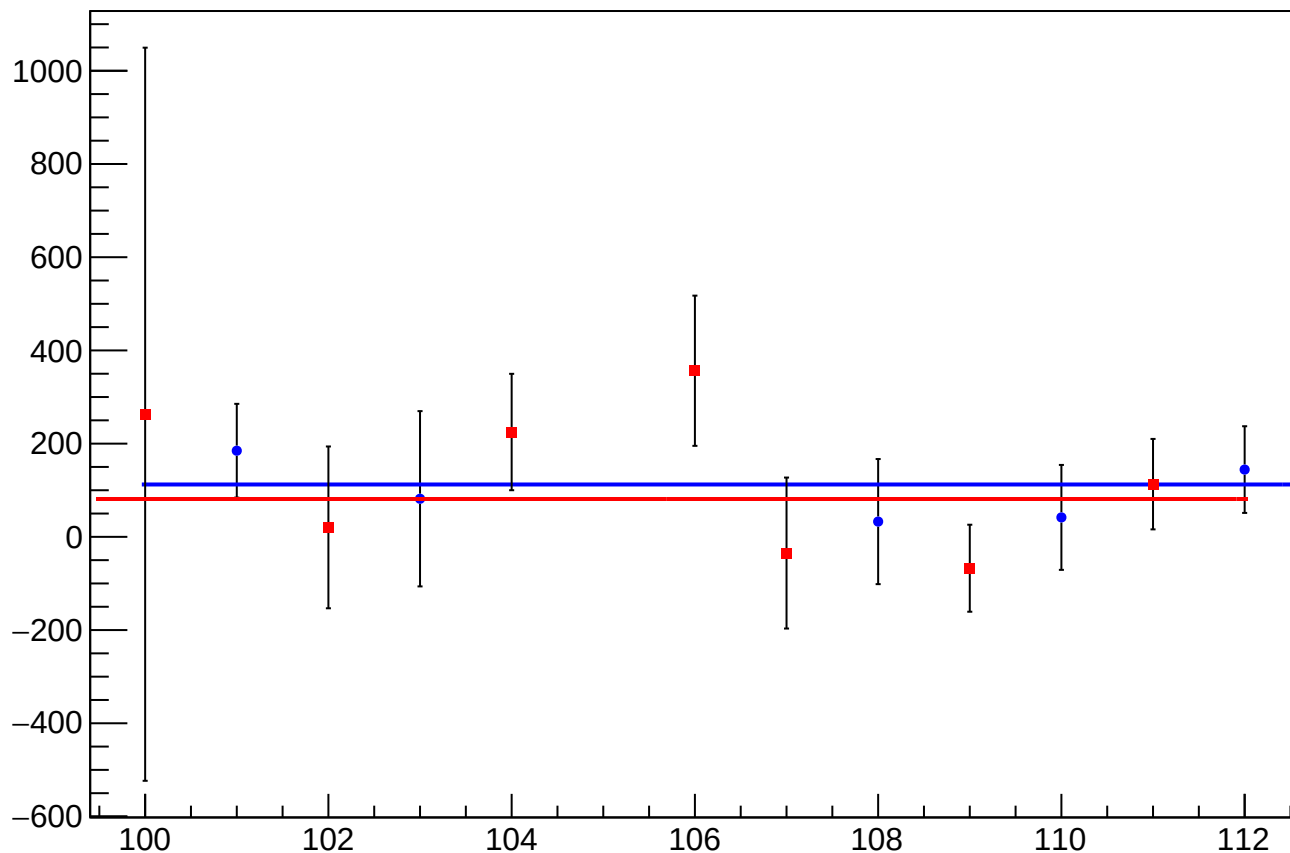
Right: 949.654+/-0.296 χ^2/NDF : 170077.2/11

In: 945.704+/-0.424 χ^2/NDF : 84239.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 949.654+/-0.296 χ^2/NDF : 170077.2/11

eigen_cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 112.357 $\pm$ 51.490 χ^2 /NDF: 1.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 81.218 $\pm$ 50.216 χ^2 /NDF: 7.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

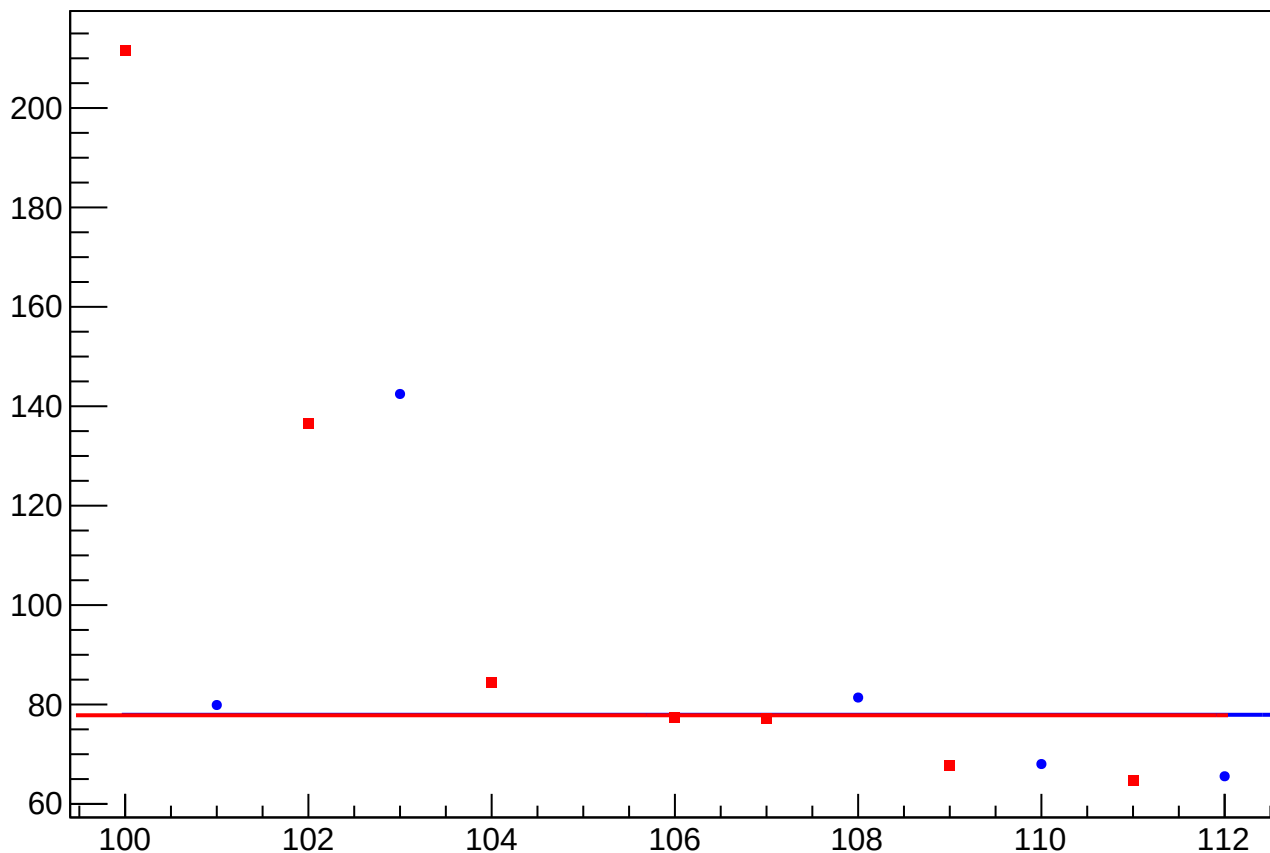
Right: 96.398 $\pm$ 35.950 χ^2 /NDF: 9.2/11

In: 112.357 $\pm$ 51.490 χ^2 /NDF: 1.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 96.398 $\pm$ 35.950 χ^2 /NDF: 9.2/11

eigen_cor_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 77.932+/-0.036 χ^2/NDF : 288579.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.834+/-0.036 χ^2/NDF : 351346.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

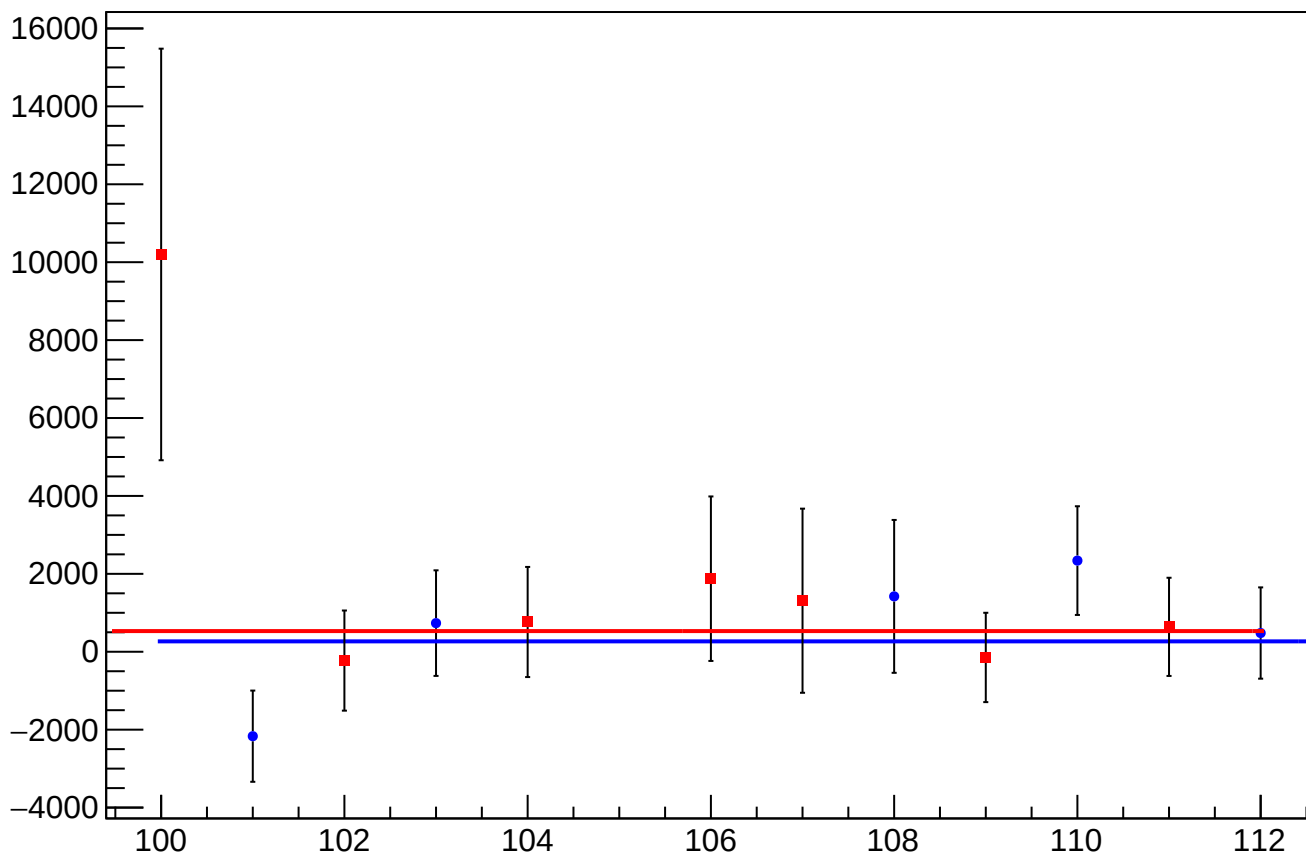
Right: 77.882+/-0.025 χ^2/NDF : 639929.6/11

In: 77.932+/-0.036 χ^2/NDF : 288579.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.882+/-0.025 χ^2/NDF : 639929.6/11

asym_sam_12345678_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 266.655+/-600.206 χ^2/NDF : 7.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 530.506+/-583.673 χ^2/NDF : 4.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

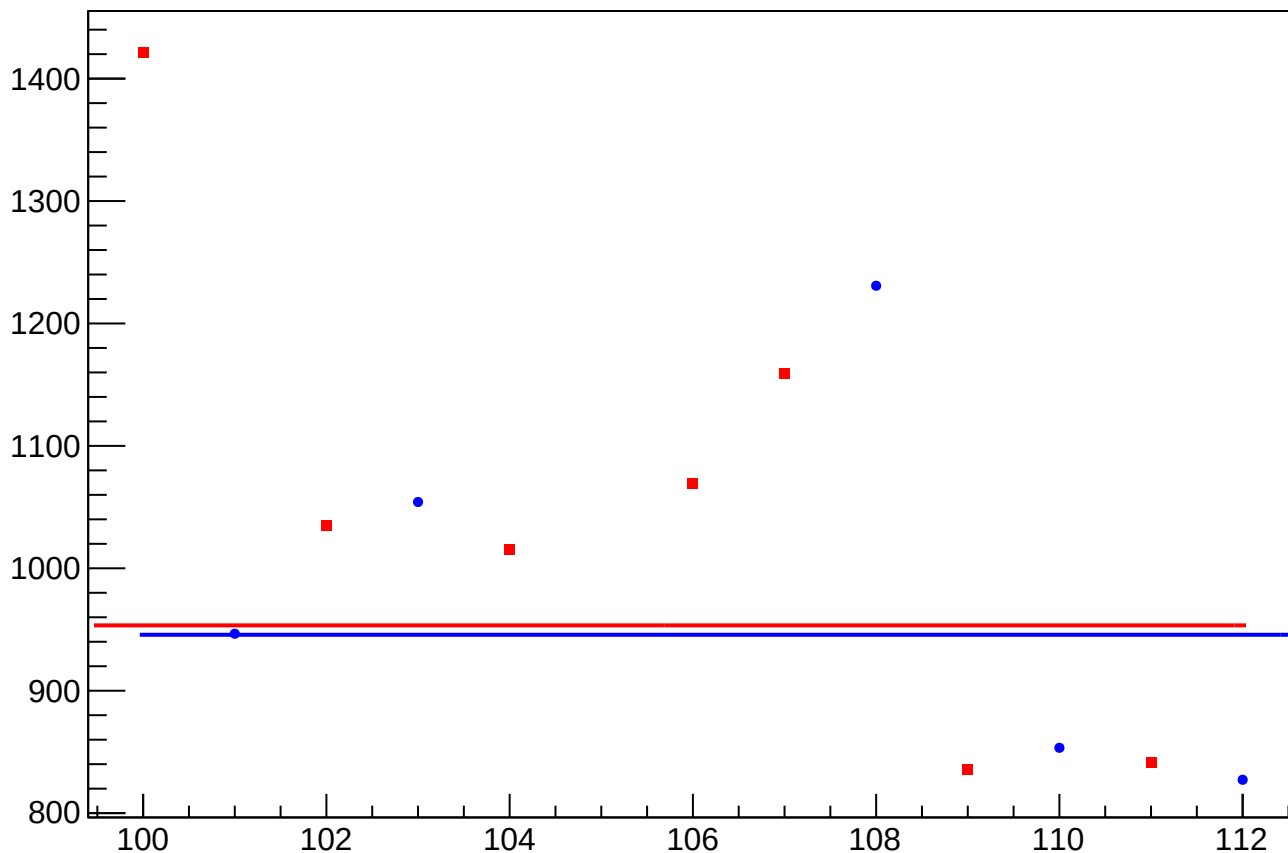
Right: 402.264+/-418.442 χ^2/NDF : 11.7/11

In: 266.655+/-600.206 χ^2/NDF : 7.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 402.264+/-418.442 χ^2/NDF : 11.7/11

asym_sam_12345678_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 945.704+/-0.424 χ^2/NDF : 84239.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 953.390+/-0.413 χ^2/NDF : 85668.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

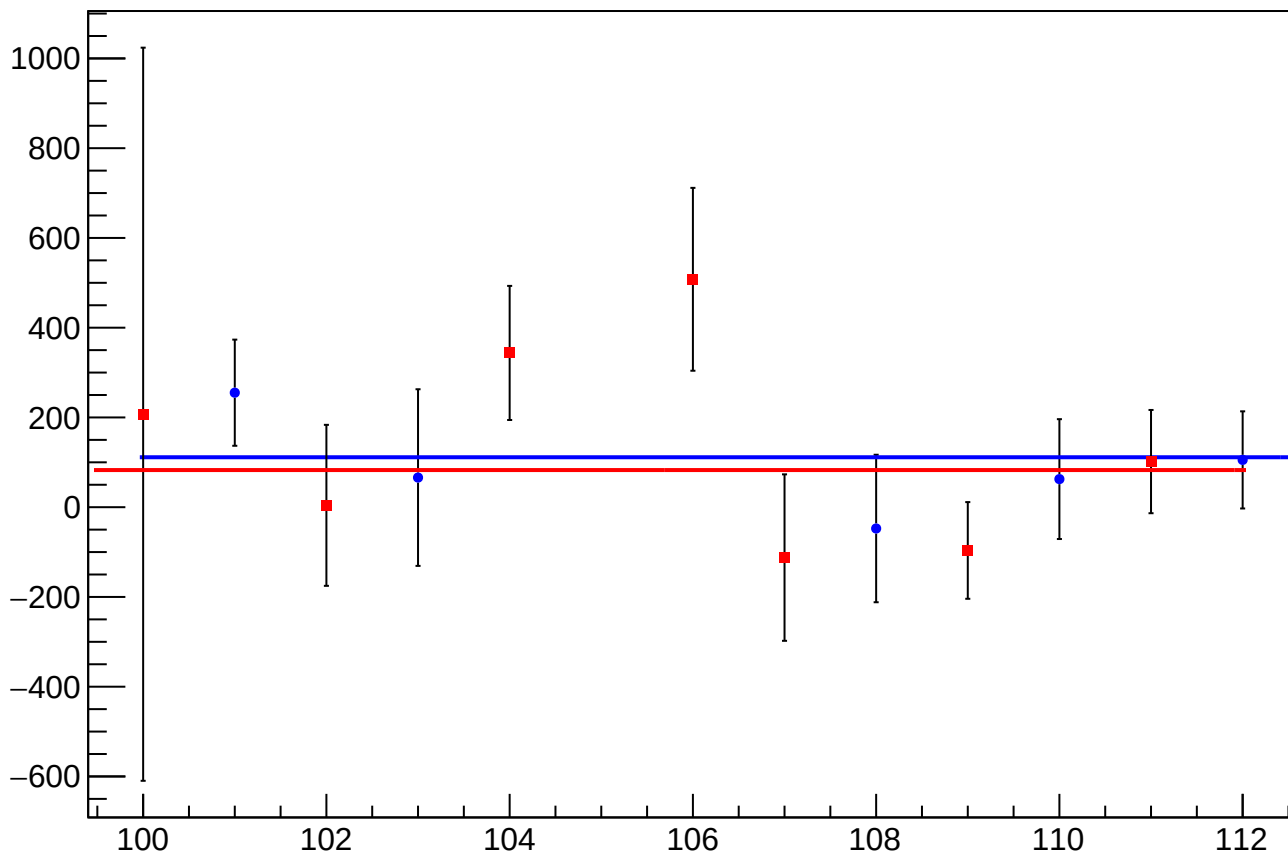
Right: 949.654+/-0.296 χ^2/NDF : 170077.2/11

In: 945.704+/-0.424 χ^2/NDF : 84239.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 949.654+/-0.296 χ^2/NDF : 170077.2/11

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 111.294 $\pm$ 60.219 χ^2 /NDF: 2.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 82.746 $\pm$ 58.496 χ^2 /NDF: 11.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

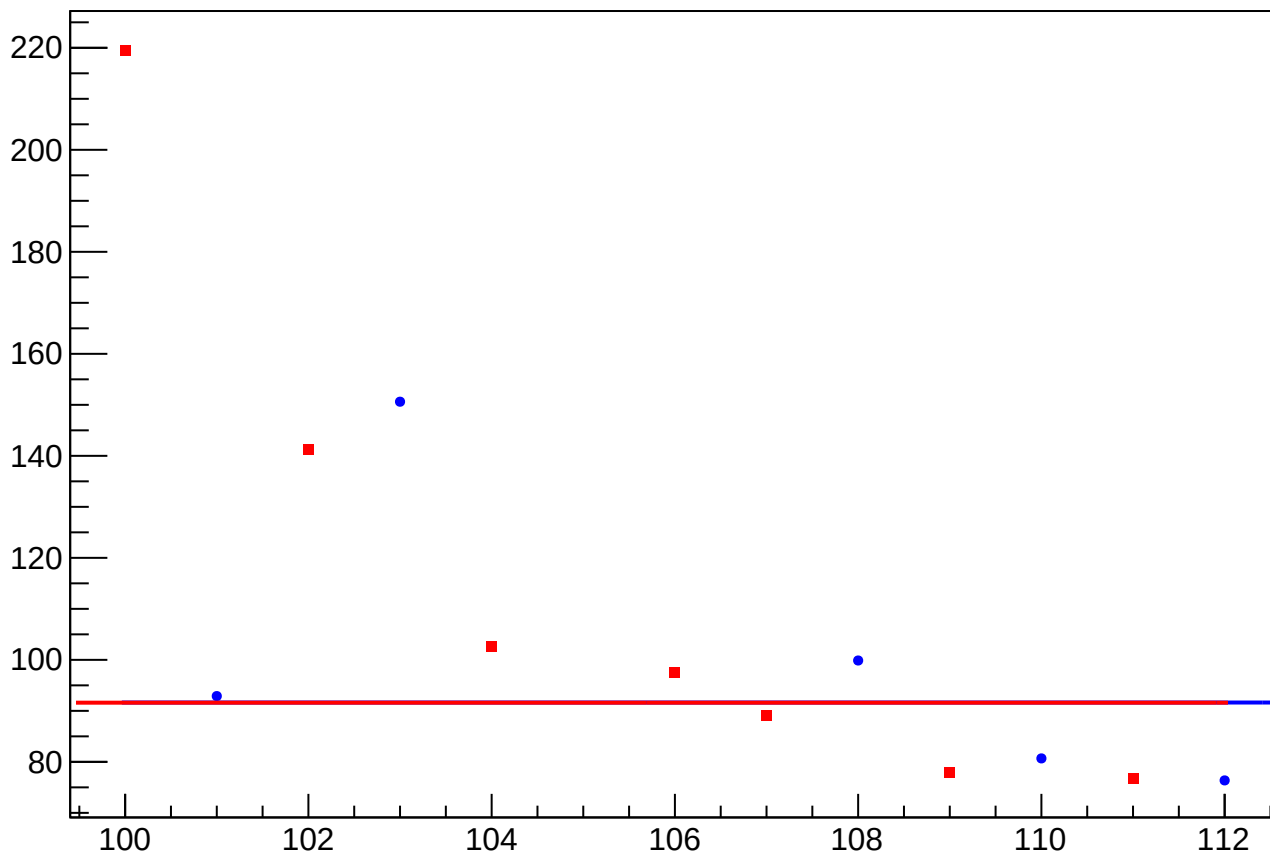
Right: 96.605 $\pm$ 41.959 χ^2 /NDF: 14.2/11

In: 111.294 $\pm$ 60.219 χ^2 /NDF:2.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 96.605 $\pm$ 41.959 χ^2 /NDF: 14.2/11

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 91.634+/-0.043 χ^2/NDF : 238126.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.604+/-0.041 χ^2/NDF : 281049.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

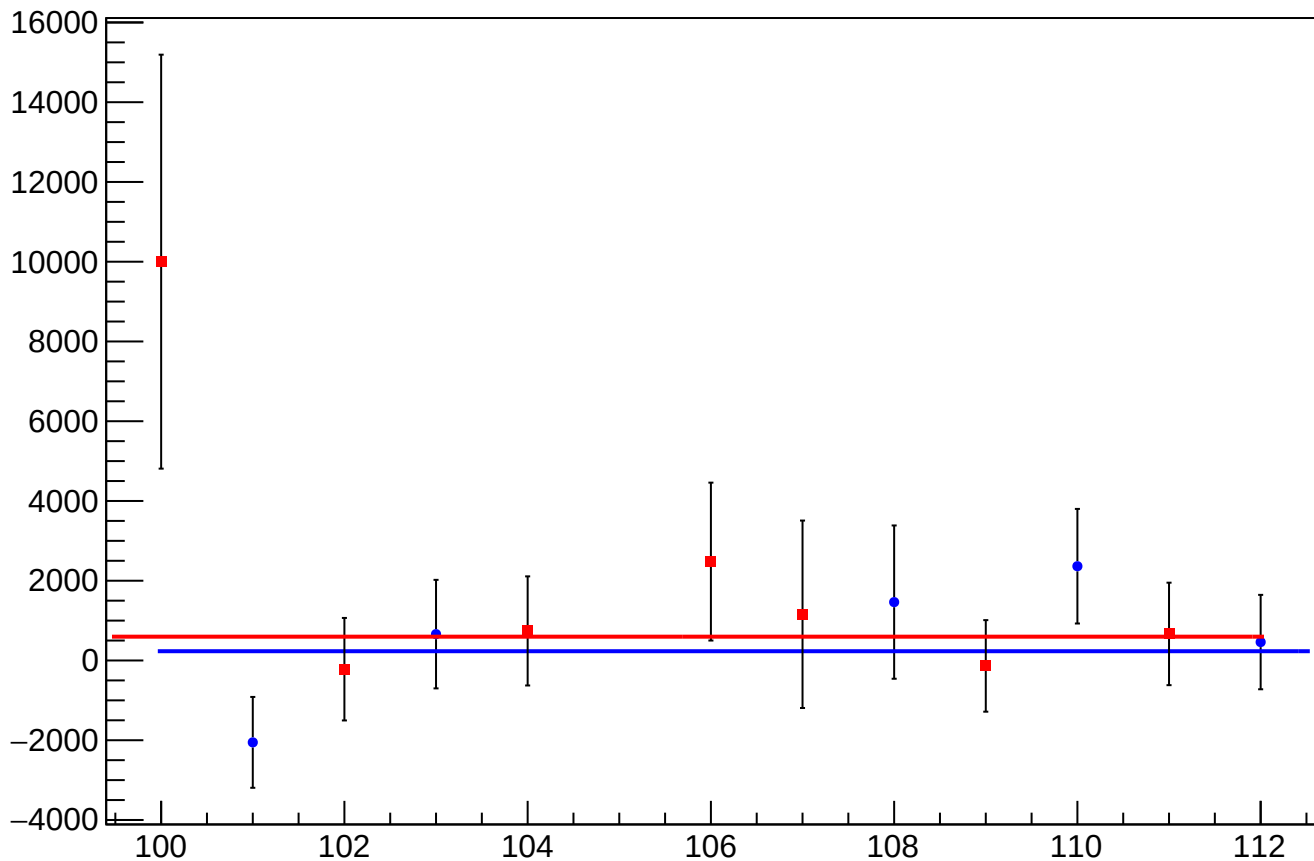
Right: 91.619+/-0.030 χ^2/NDF : 519176.1/11

In: 91.634+/-0.043 χ^2/NDF : 238126.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.619+/-0.030 χ^2/NDF : 519176.1/11

asym_sam_12345678_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 232.376+/-599.841 χ^2/NDF : 6.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 597.068+/-579.554 χ^2/NDF : 5.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

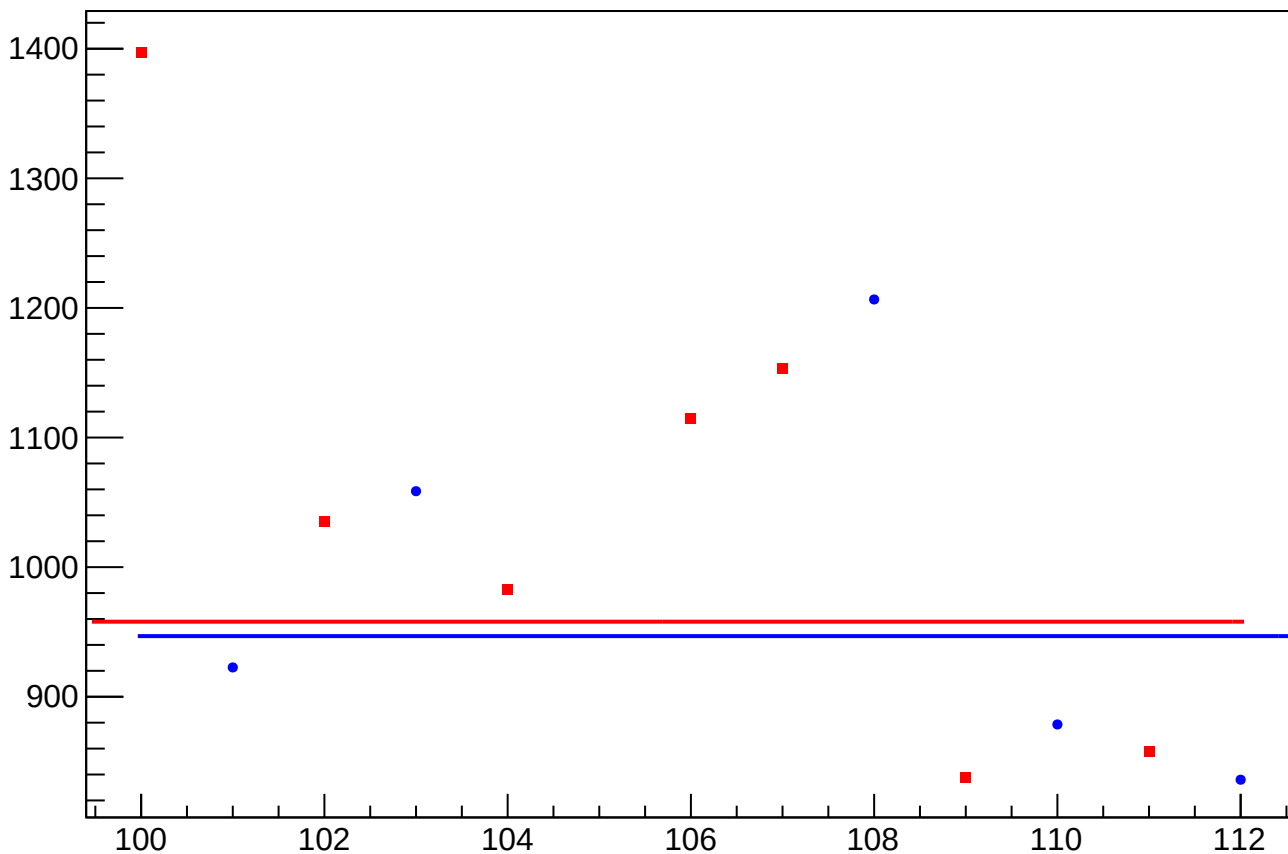
Right: 420.993+/-416.794 χ^2/NDF : 12.0/11

In: 232.376+/-599.841 χ^2/NDF : 6.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 420.993+/-416.794 χ^2/NDF : 12.0/11

asym_sam_12345678_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 946.784+/-0.424 χ^2/NDF : 72954.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 957.921+/-0.410 χ^2/NDF : 82547.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

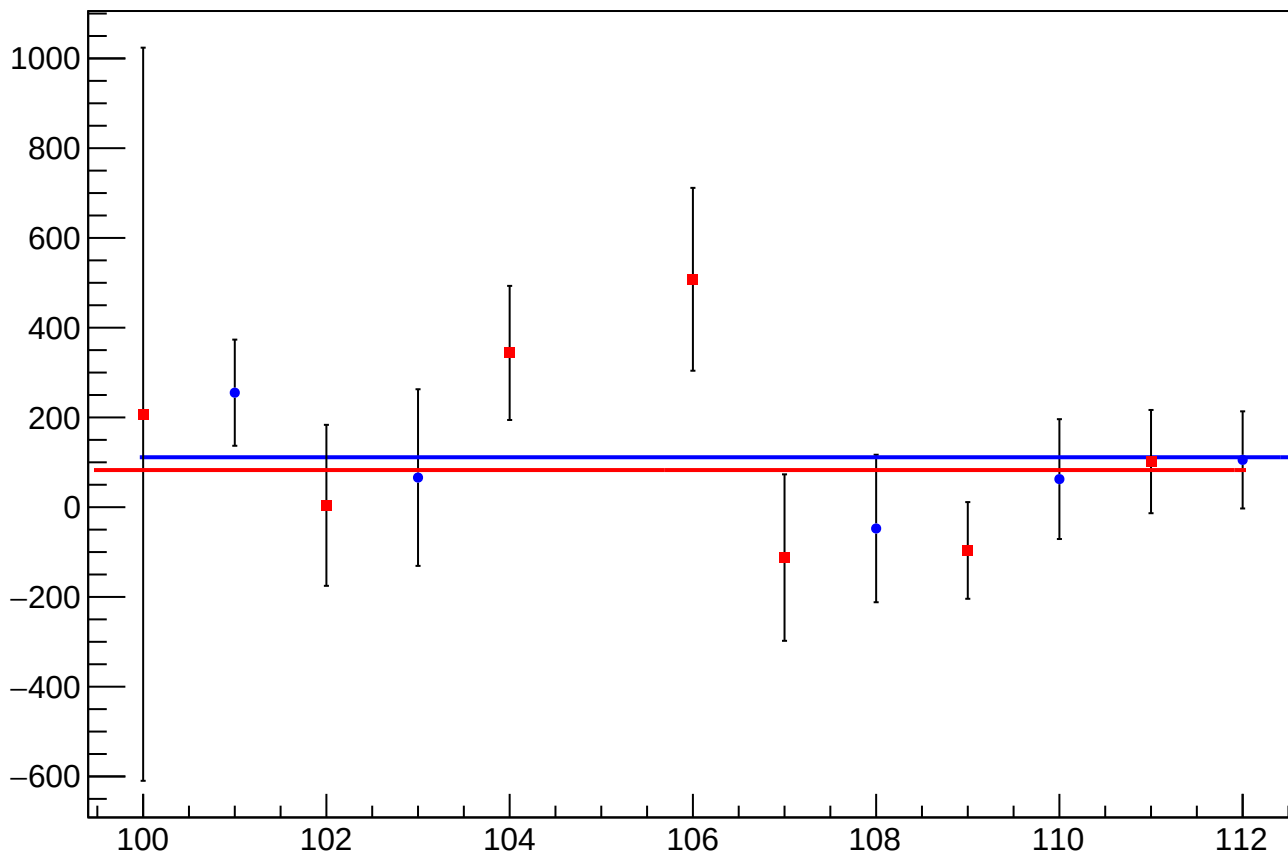
Right: 952.544+/-0.295 χ^2/NDF : 155858.8/11

In: 946.784+/-0.424 χ^2/NDF : 72954.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 952.544+/-0.295 χ^2/NDF : 155858.8/11

eigen_dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 111.290 $\pm$ 60.219 χ^2 /NDF: 2.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 82.745 $\pm$ 58.495 χ^2 /NDF: 11.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

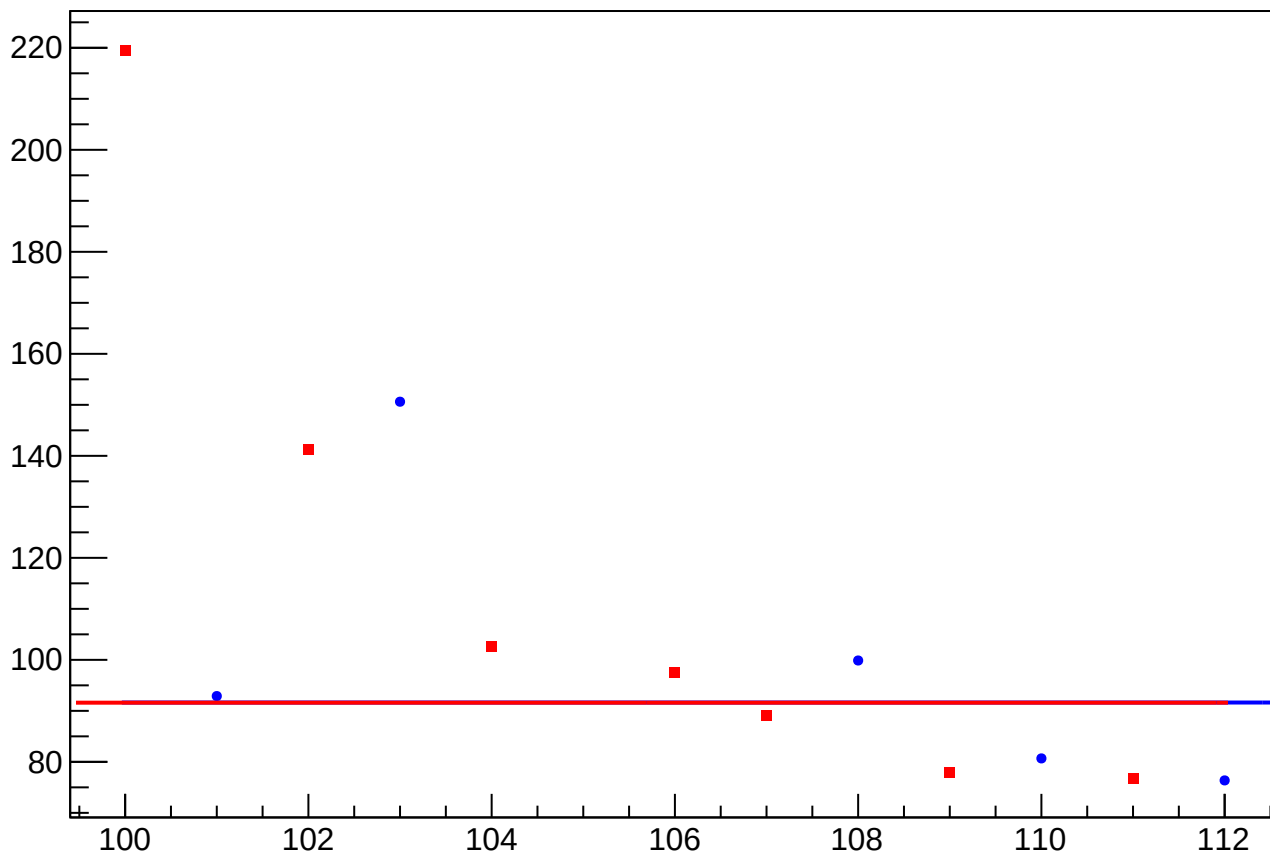
Right: 96.603 $\pm$ 41.959 χ^2 /NDF: 14.2/11

In: 111.290 $\pm$ 60.219 χ^2 /NDF:2.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 96.603 $\pm$ 41.959 χ^2 /NDF: 14.2/11

eigen_dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 91.634+/-0.043 χ^2/NDF : 238133.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.603+/-0.041 χ^2/NDF : 281057.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

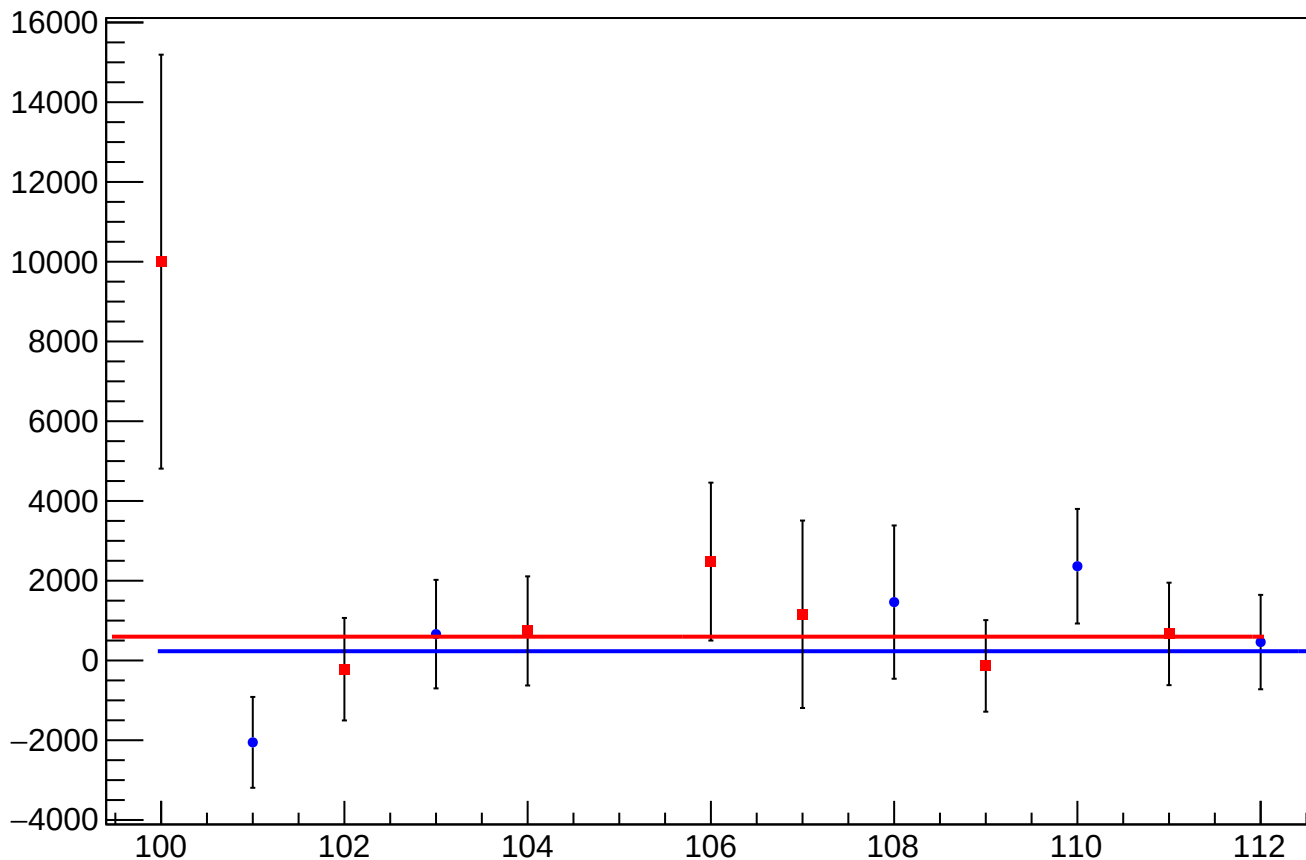
Right: 91.618+/-0.030 χ^2/NDF : 519191.1/11

In: 91.634+/-0.043 χ^2/NDF : 238133.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.618+/-0.030 χ^2/NDF : 519191.1/11

asym_sam_12345678_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 232.376+/-599.839 χ^2/NDF : 6.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 597.066+/-579.552 χ^2/NDF : 5.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

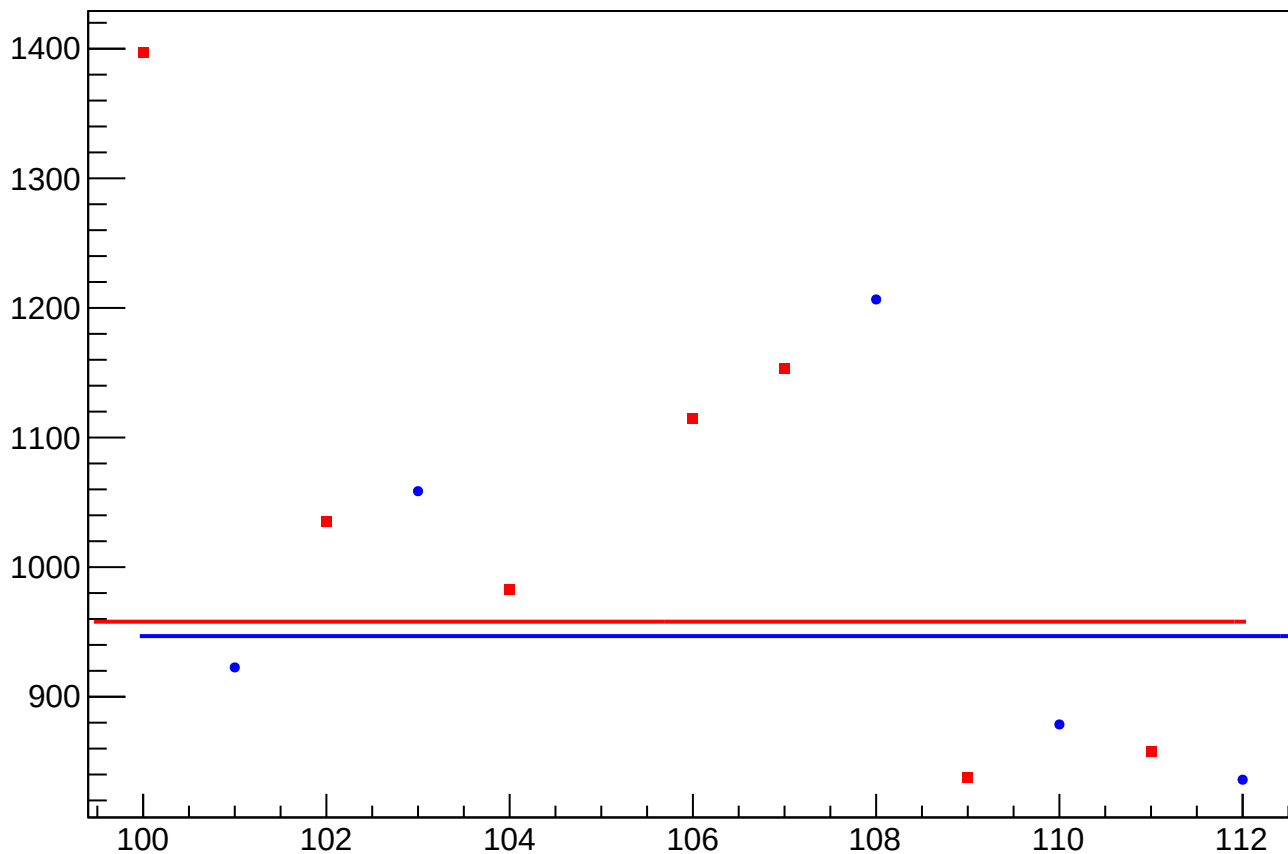
Right: 420.992+/-416.793 χ^2/NDF : 12.0/11

In: 232.376+/-599.839 χ^2/NDF : 6.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 420.992+/-416.793 χ^2/NDF : 12.0/11

asym_sam_12345678_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 946.780+/-0.424 χ^2/NDF : 72956.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 957.918+/-0.410 χ^2/NDF : 82549.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

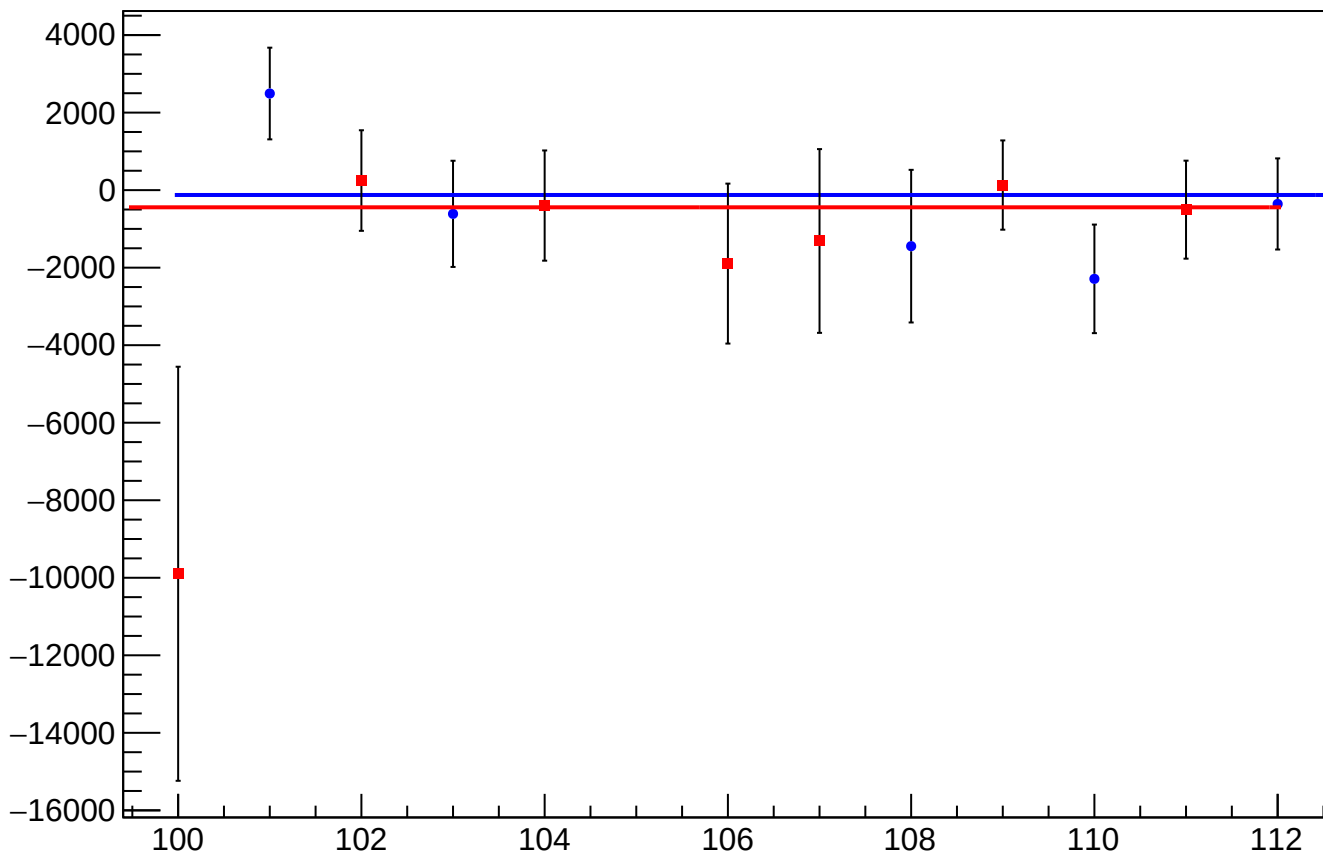
Right: 952.541+/-0.295 χ^2/NDF : 155861.8/11

In: 946.780+/-0.424 χ^2/NDF : 72956.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 952.541+/-0.295 χ^2/NDF : 155861.8/11

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: -125.047+/-604.167 χ^2/NDF : 7.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -442.989+/-585.506 χ^2/NDF : 4.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

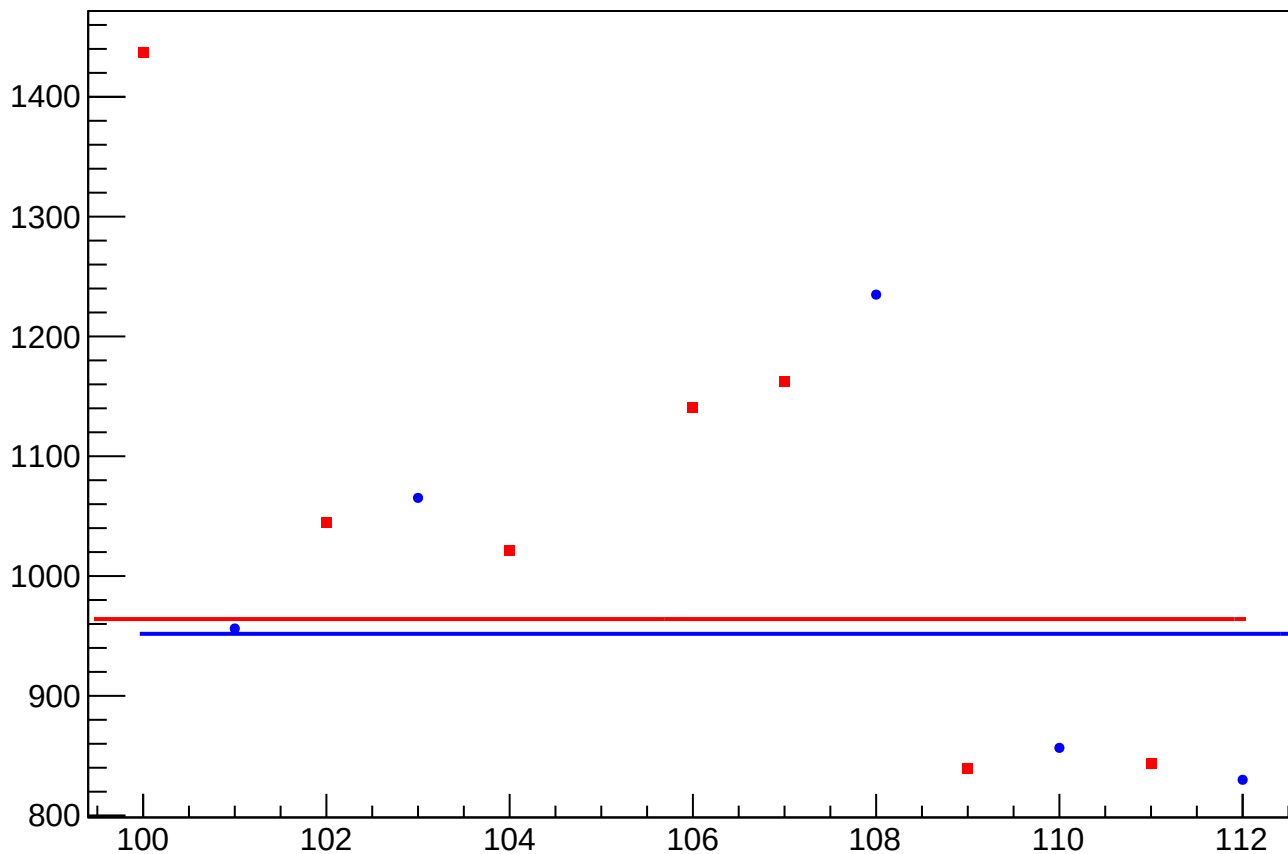
Right: -289.004+/-420.458 χ^2/NDF : 12.3/11

In: -125.047+/-604.167 χ^2/NDF : 7.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -289.004+/-420.458 χ^2/NDF : 12.3/11

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 951.780+/-0.427 χ^2/NDF : 85852.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 964.114+/-0.414 χ^2/NDF : 96755.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

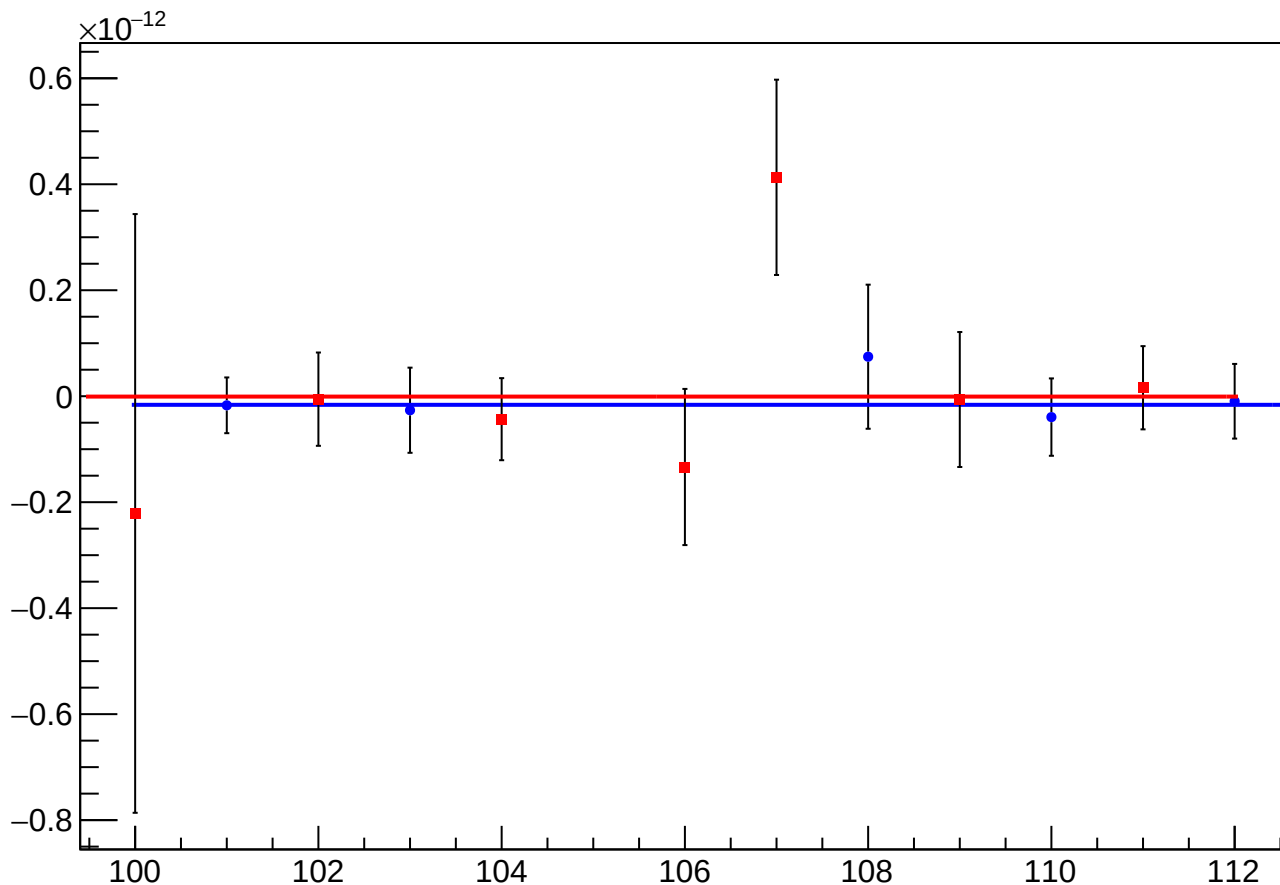
Right: 958.140+/-0.297 χ^2/NDF : 183037.8/11

In: 951.780+/-0.427 χ^2/NDF : 85852.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 958.140+/-0.297 χ^2/NDF : 183037.8/11

asym_sam_12345678_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.6/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 6.4/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

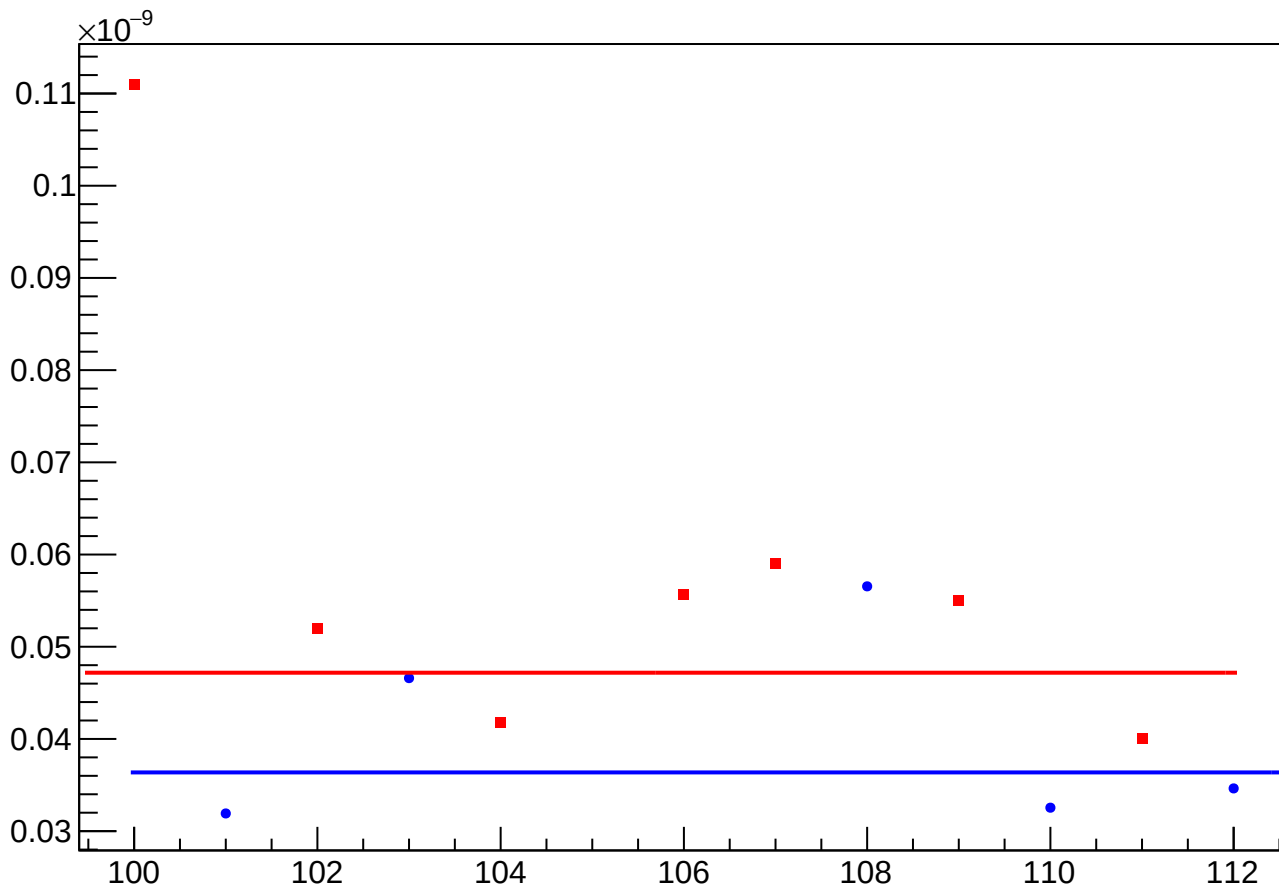
Right: -0.000+/-0.000 χ^2 /NDF: 7.0/11

In: -0.000+/-0.000 χ^2 /NDF:0.6/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 7.0/11

asym_sam_12345678_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 97499.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 79950.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

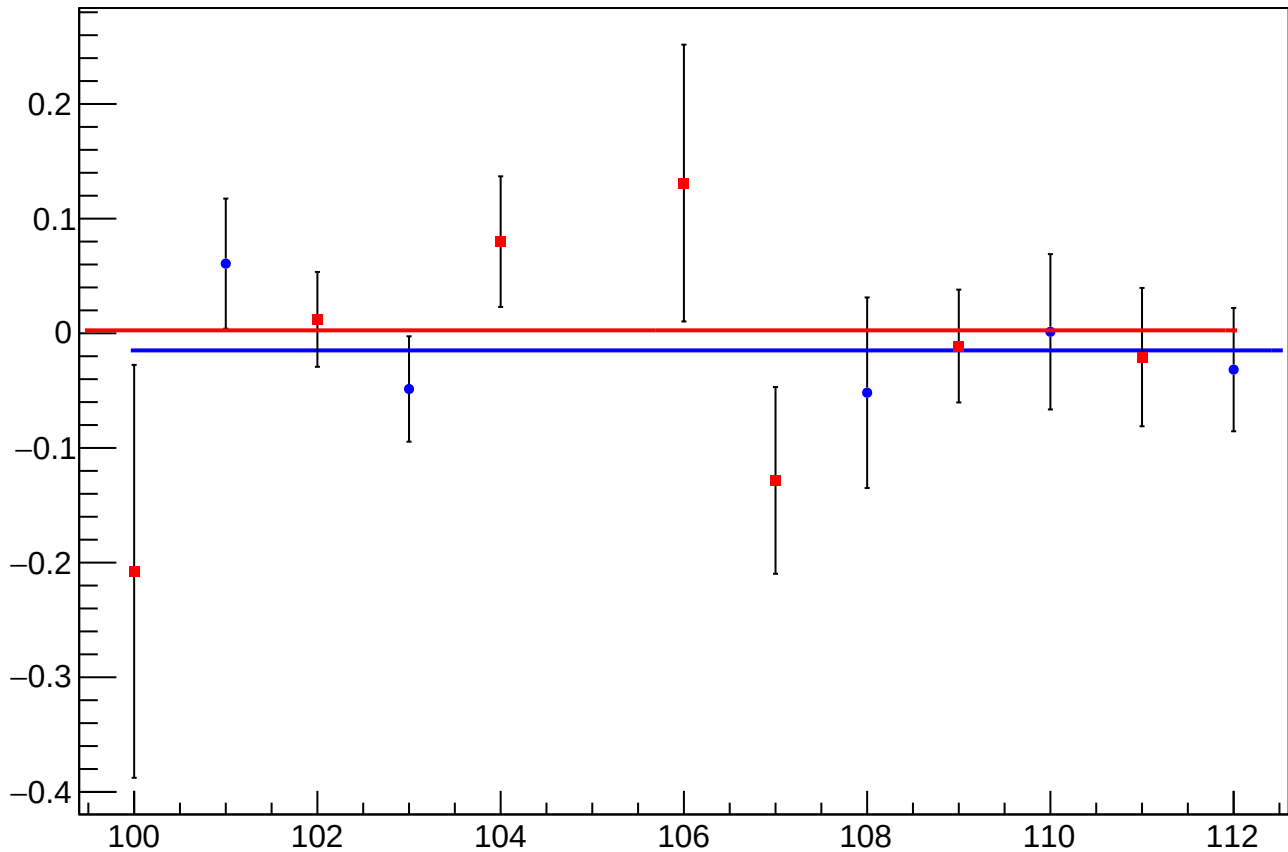
Right: 0.000+/-0.000 χ^2/NDF : 263628.8/11

In: 0.000+/-0.000 χ^2/NDF : 97499.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 263628.8/11

asym_sam_12345678_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.026 χ^2/NDF : 2.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.023 χ^2/NDF : 7.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

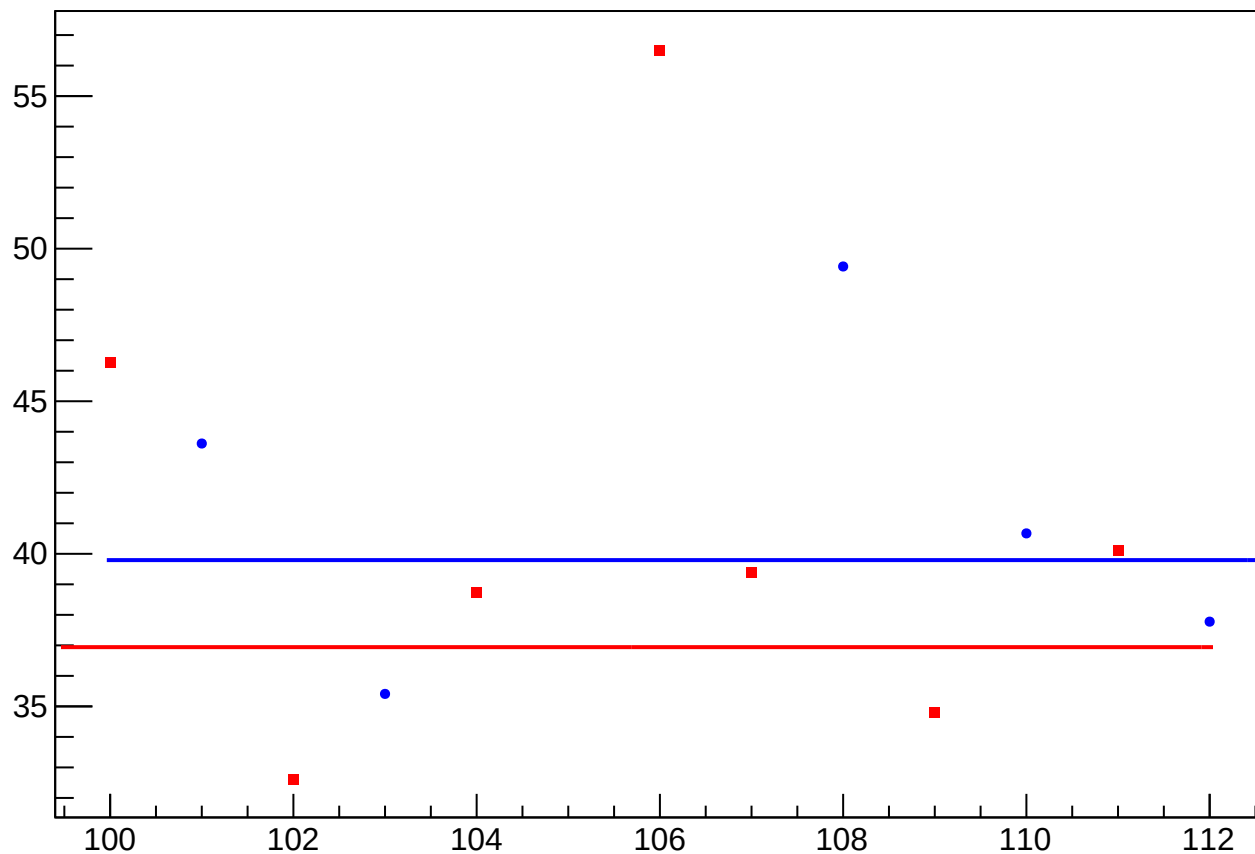
Right: -0.005+/-0.017 χ^2/NDF : 10.1/11

In: -0.015+/-0.026 χ^2/NDF : 2.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.017 χ^2/NDF : 10.1/11

asym_sam_12345678_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.794+/-0.018 χ^2/NDF : 57225.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.942+/-0.017 χ^2/NDF : 93087.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

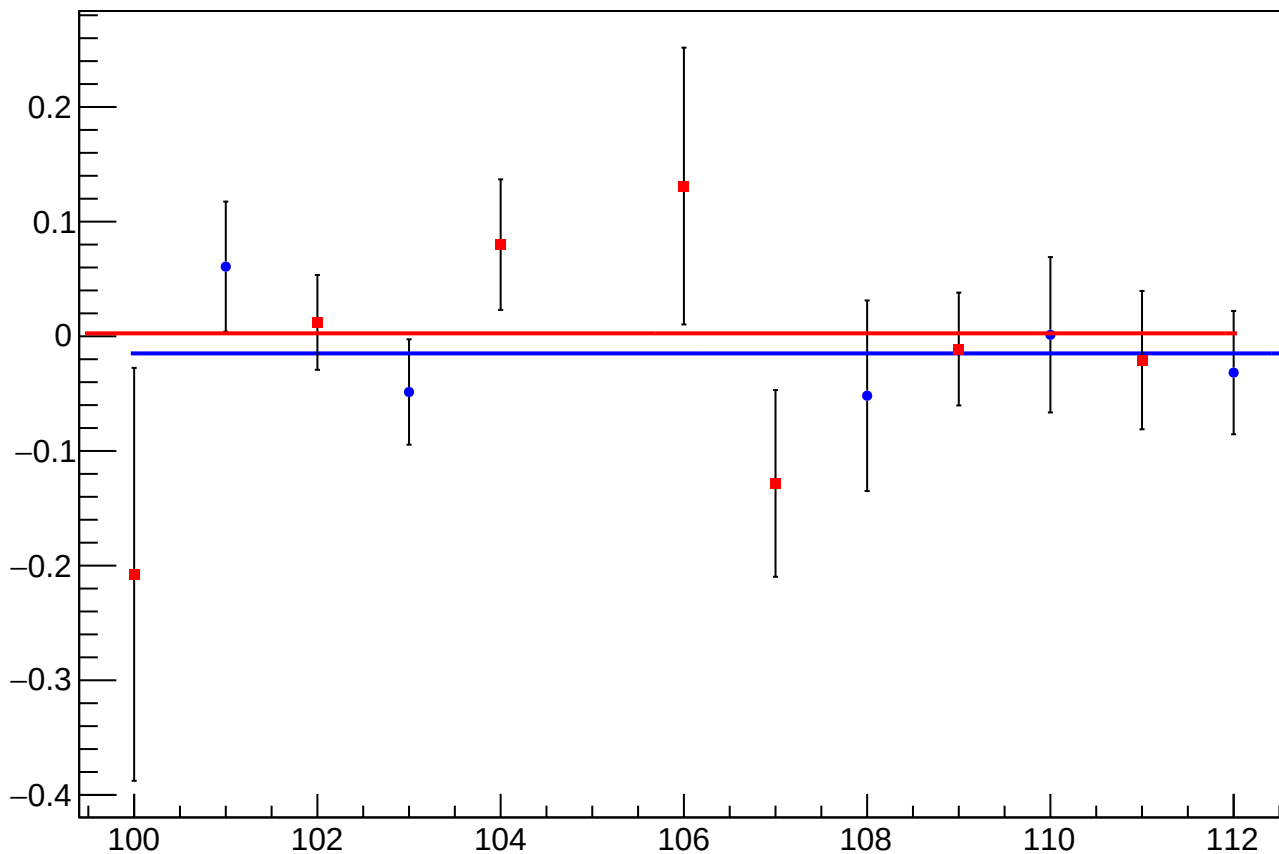
Right: 38.223+/-0.012 χ^2/NDF : 163687.5/11

In: 39.794+/-0.018 χ^2/NDF : 57225.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.223+/-0.012 χ^2/NDF : 163687.5/11

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.026 χ^2/NDF : 2.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.023 χ^2/NDF : 7.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

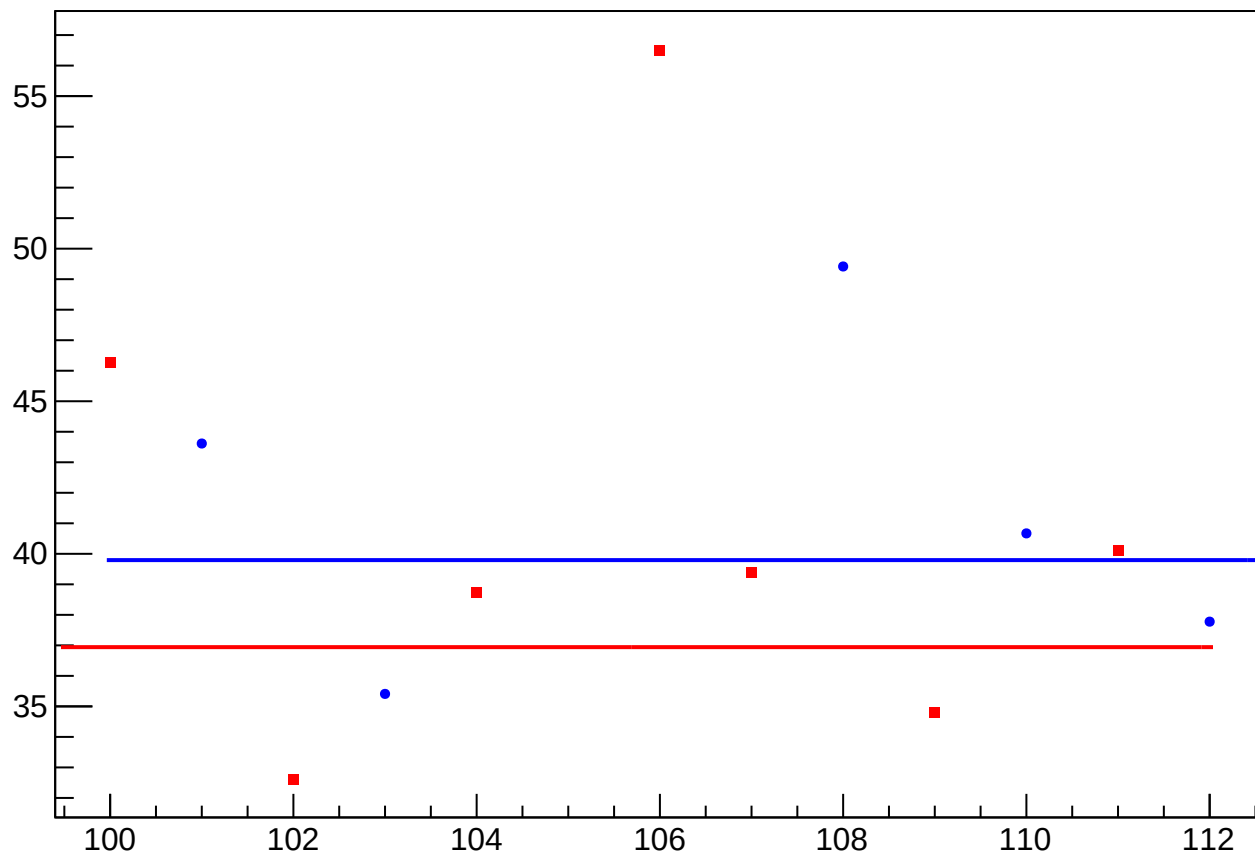
Right: -0.005+/-0.017 χ^2/NDF : 10.1/11

In: -0.015+/-0.026 χ^2/NDF : 2.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.017 χ^2/NDF : 10.1/11

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.794+/-0.018 χ^2/NDF : 57225.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.942+/-0.017 χ^2/NDF : 93087.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

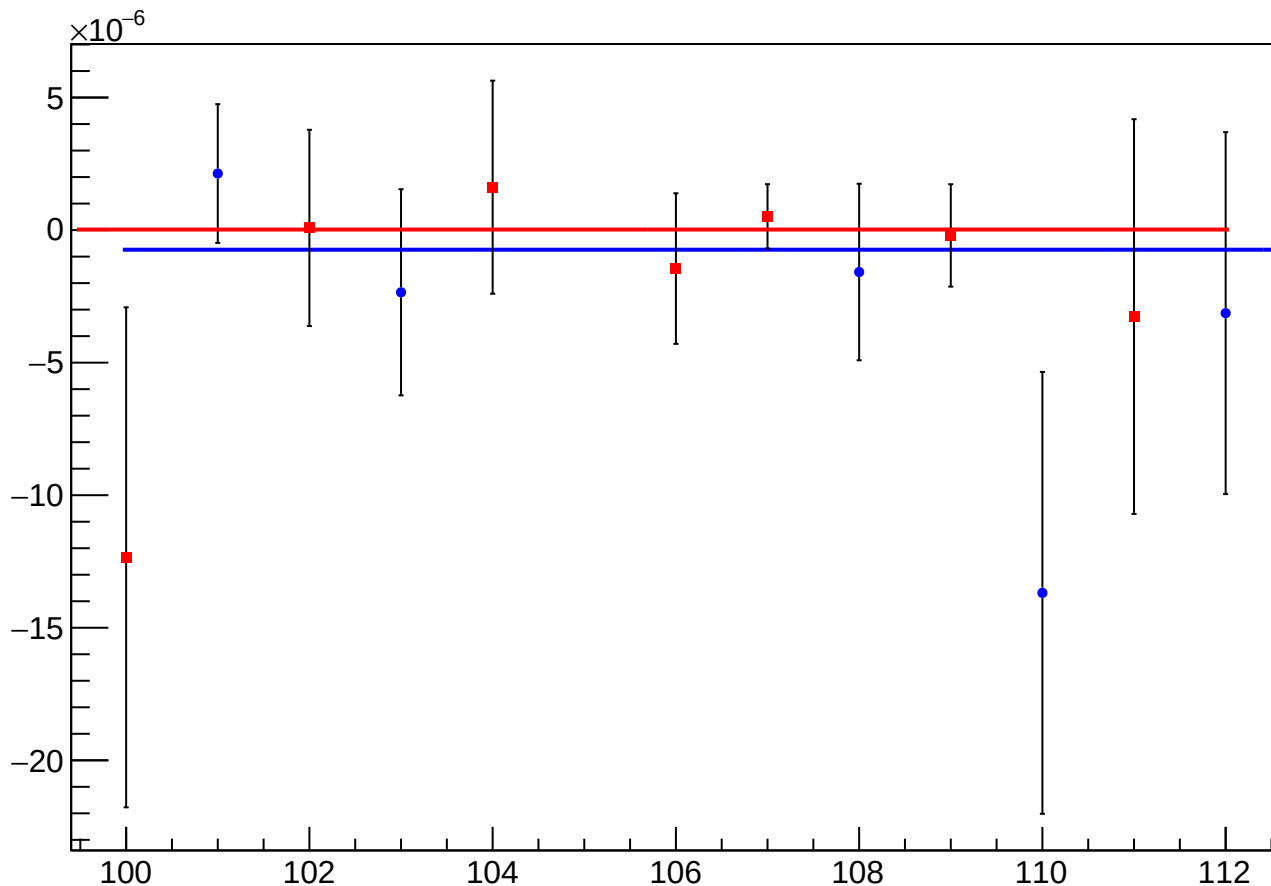
Right: 38.223+/-0.012 χ^2/NDF : 163687.5/11

In: 39.794+/-0.018 χ^2/NDF : 57225.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.223+/-0.012 χ^2/NDF : 163687.5/11

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 4.0/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 2.5/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

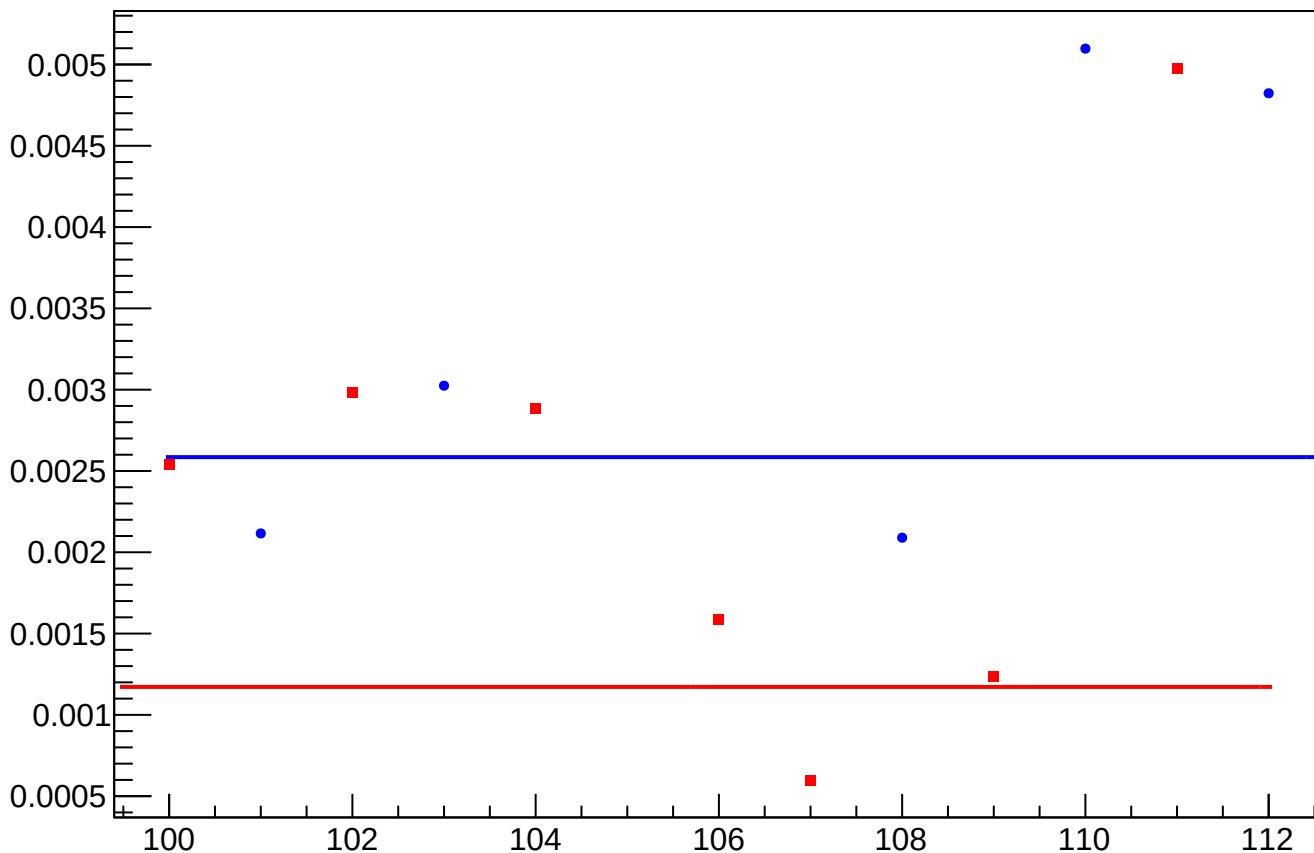
Right: -0.000+/-0.000 χ^2 /NDF: 6.7/11

In: -0.000+/-0.000 χ^2 /NDF:4.0/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 6.7/11

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 530871.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1901774.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

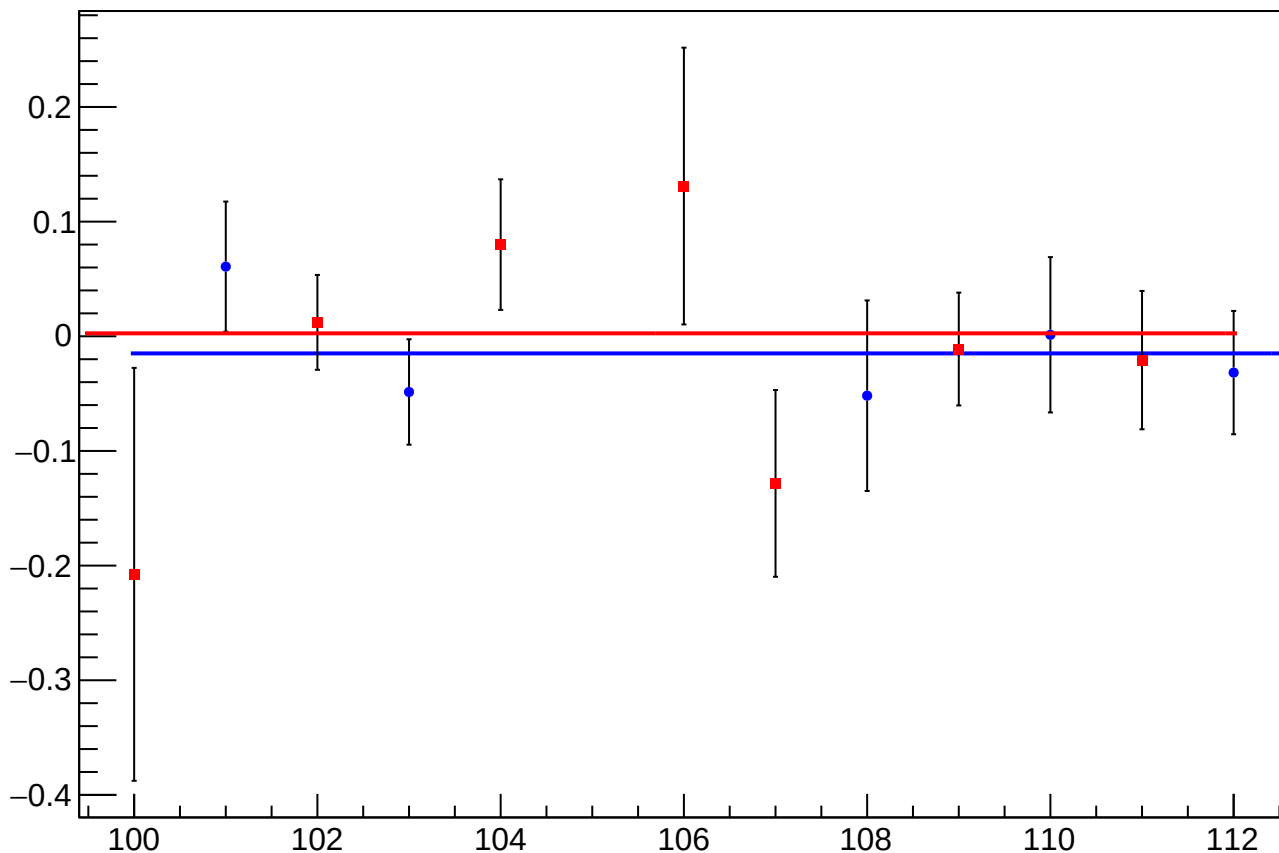
Right: 0.001+/-0.000 χ^2/NDF : 3493555.5/11

In: 0.003+/-0.000 χ^2/NDF : 530871.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3493555.5/11

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015 $\pm$ 0.026 χ^2 /NDF: 2.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.023 χ^2 /NDF: 7.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

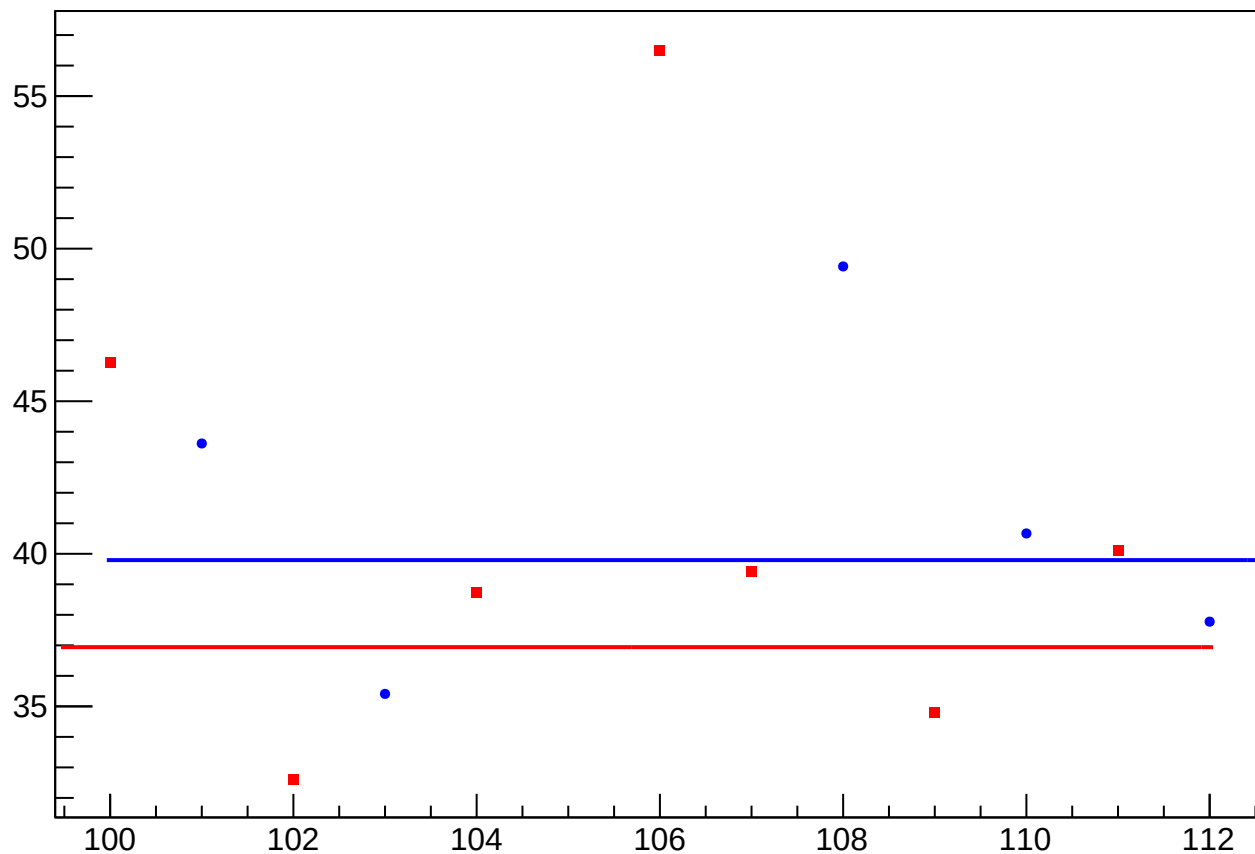
Right: -0.005 $\pm$ 0.017 χ^2 /NDF: 10.1/11

In: -0.015 $\pm$ 0.026 χ^2 /NDF:2.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.005 $\pm$ 0.017 χ^2 /NDF: 10.1/11

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.793+/-0.018 χ^2/NDF : 57238.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.941+/-0.017 χ^2/NDF : 93090.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

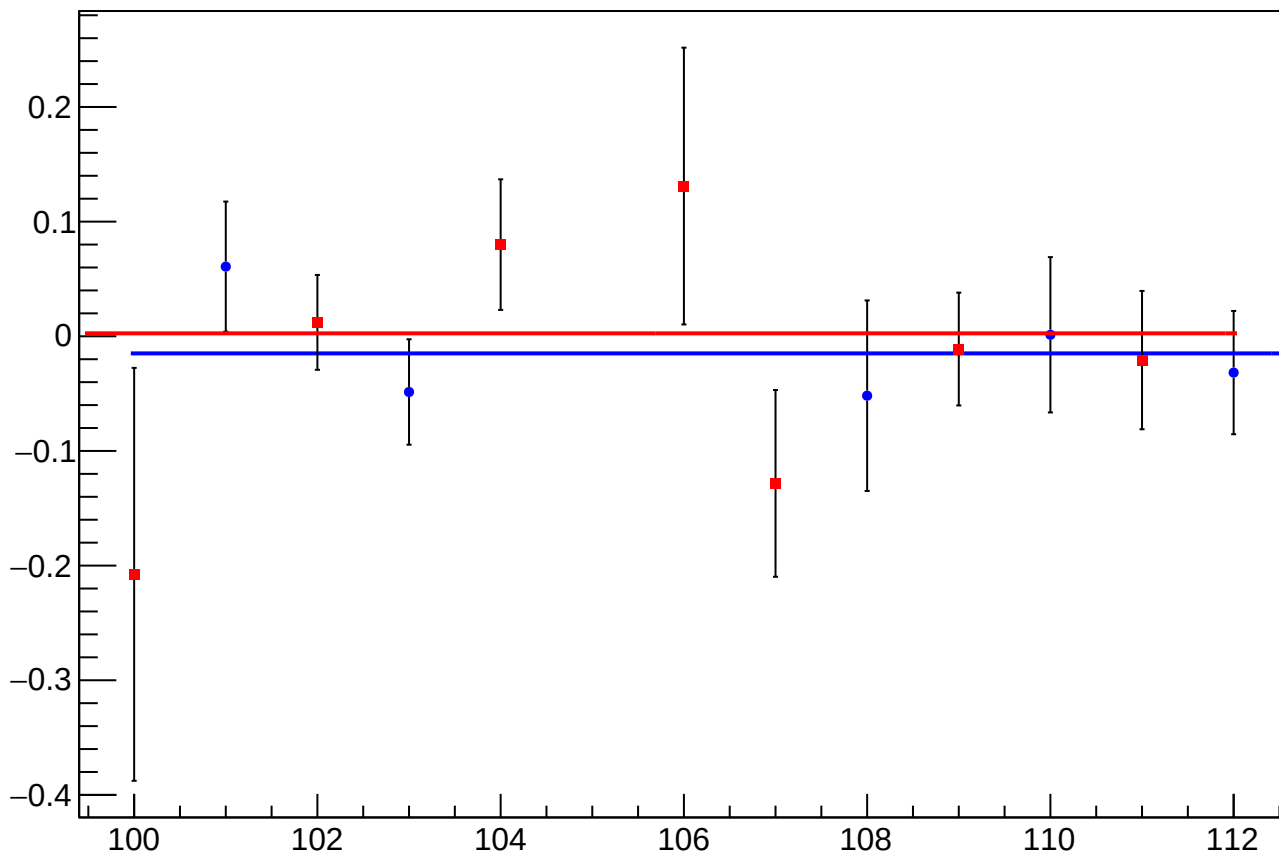
Right: 38.222+/-0.012 χ^2/NDF : 163702.8/11

In: 39.793+/-0.018 χ^2/NDF : 57238.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.222+/-0.012 χ^2/NDF : 163702.8/11

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015 $\pm$ 0.026 χ^2 /NDF: 2.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.023 χ^2 /NDF: 7.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

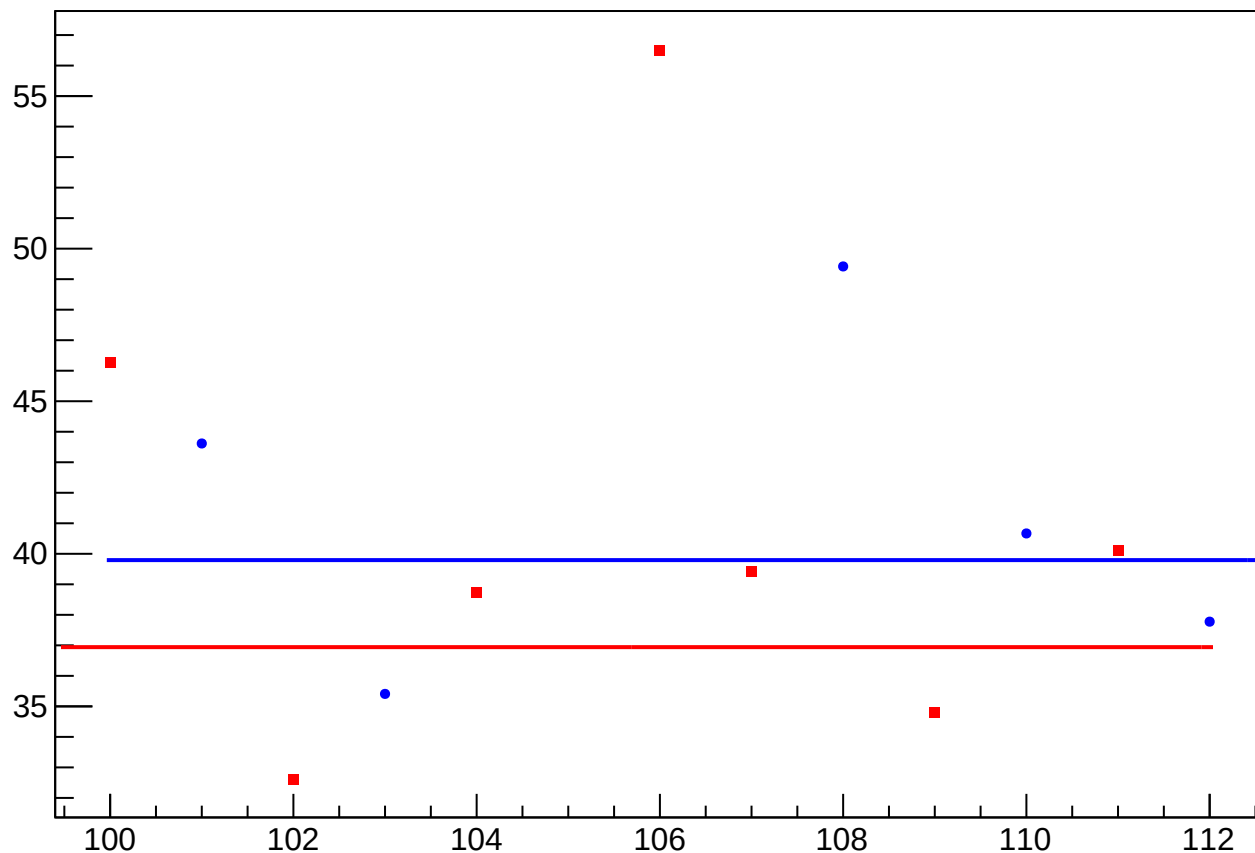
Right: -0.005 $\pm$ 0.017 χ^2 /NDF: 10.1/11

In: -0.015 $\pm$ 0.026 χ^2 /NDF:2.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.005 $\pm$ 0.017 χ^2 /NDF: 10.1/11

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.793+/-0.018 χ^2/NDF : 57238.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.941+/-0.017 χ^2/NDF : 93090.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

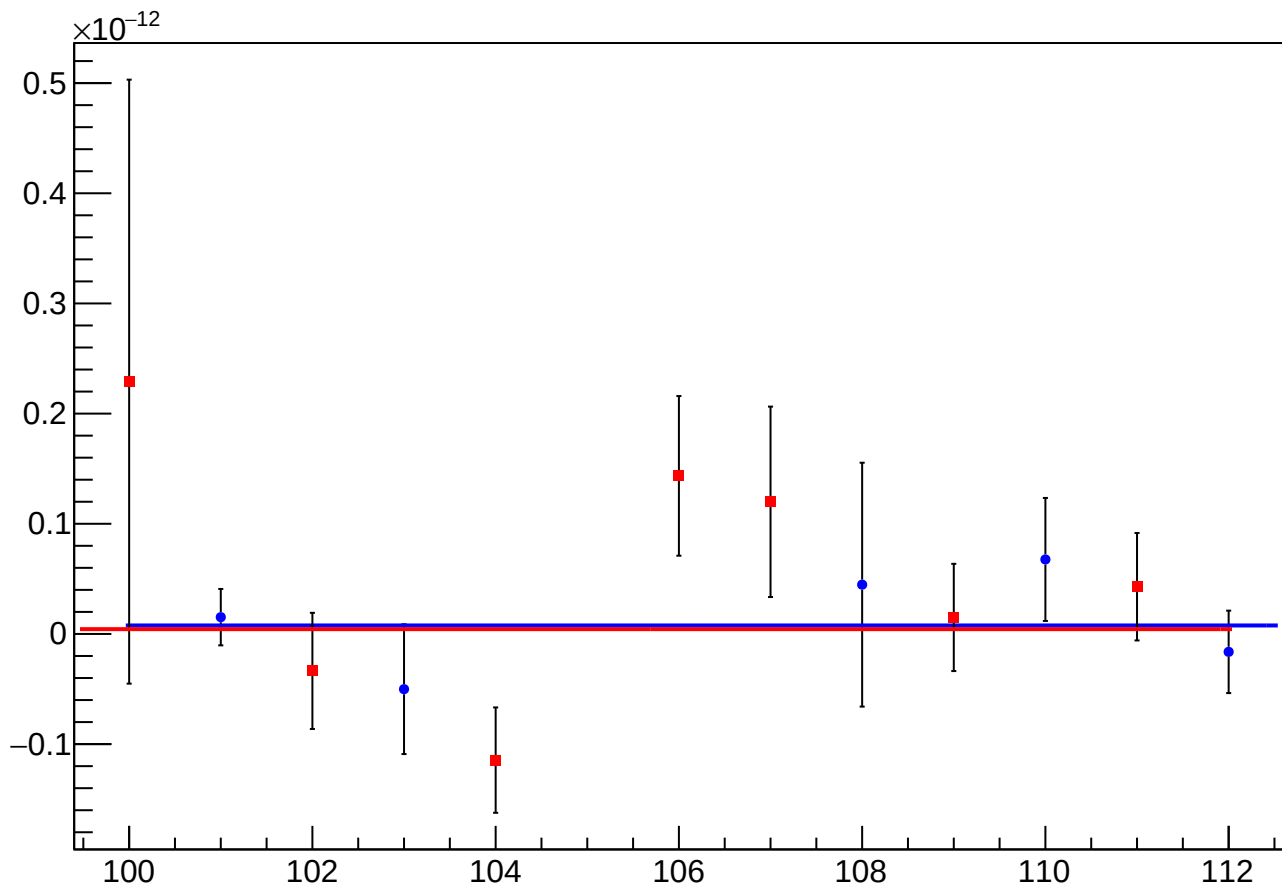
Right: 38.222+/-0.012 χ^2/NDF : 163702.8/11

In: 39.793+/-0.018 χ^2/NDF : 57238.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.222+/-0.012 χ^2/NDF : 163702.8/11

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

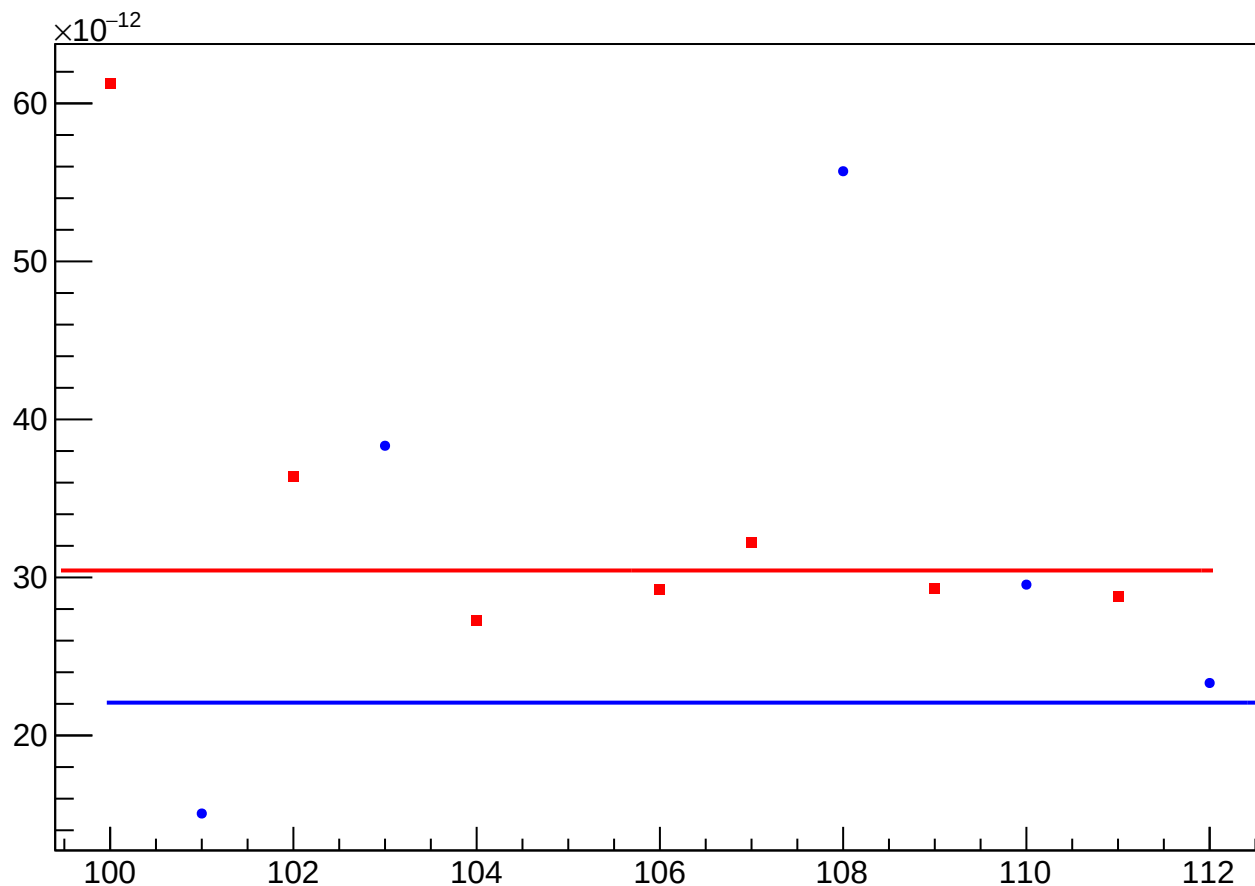
Right: 0.000+/-0.000 χ^2/NDF : 16.3/11

In: 0.000+/-0.000 χ^2/NDF : 2.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.3/11

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 525284.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 64037.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

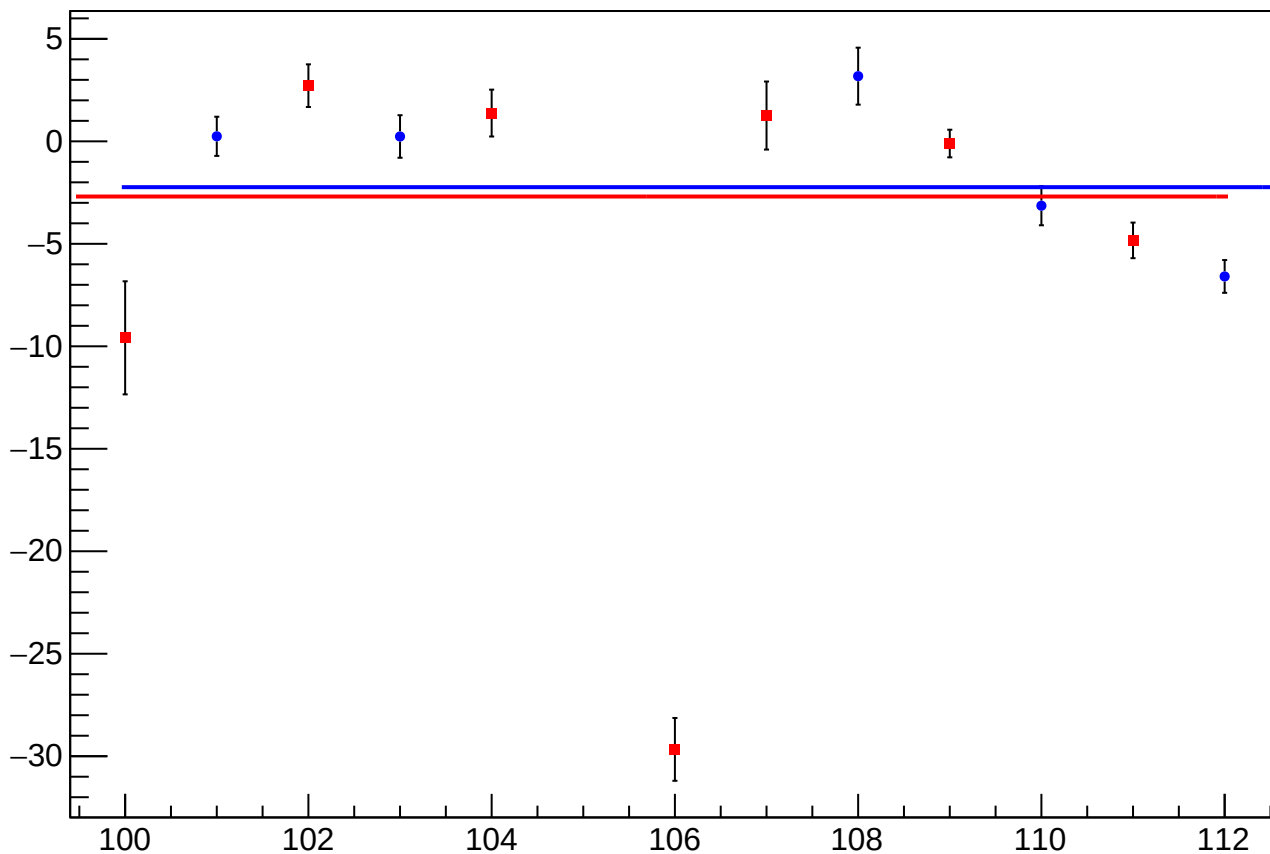
Right: 0.000+/-0.000 χ^2/NDF : 754526.3/11

In: 0.000+/-0.000 χ^2/NDF : 525284.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 754526.3/11

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.236+/-0.438 χ^2/NDF : 58.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.692+/-0.404 χ^2/NDF : 382.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

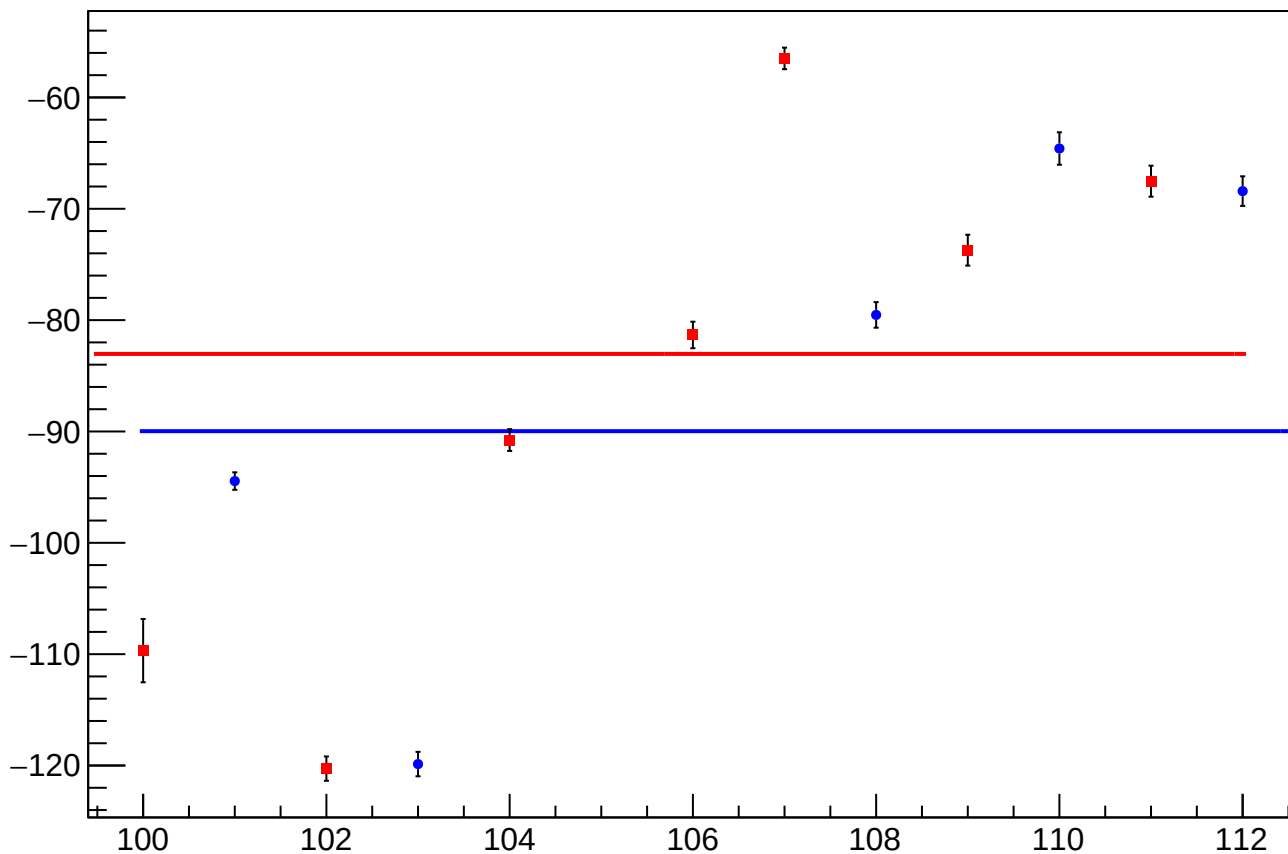
Right: -2.483+/-0.297 χ^2/NDF : 441.0/11

In: -2.236+/-0.438 χ^2/NDF : 58.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.483+/-0.297 χ^2/NDF : 441.0/11

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -89.973+/-0.485 χ^2/NDF : 1423.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -83.034+/-0.456 χ^2/NDF : 2237.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

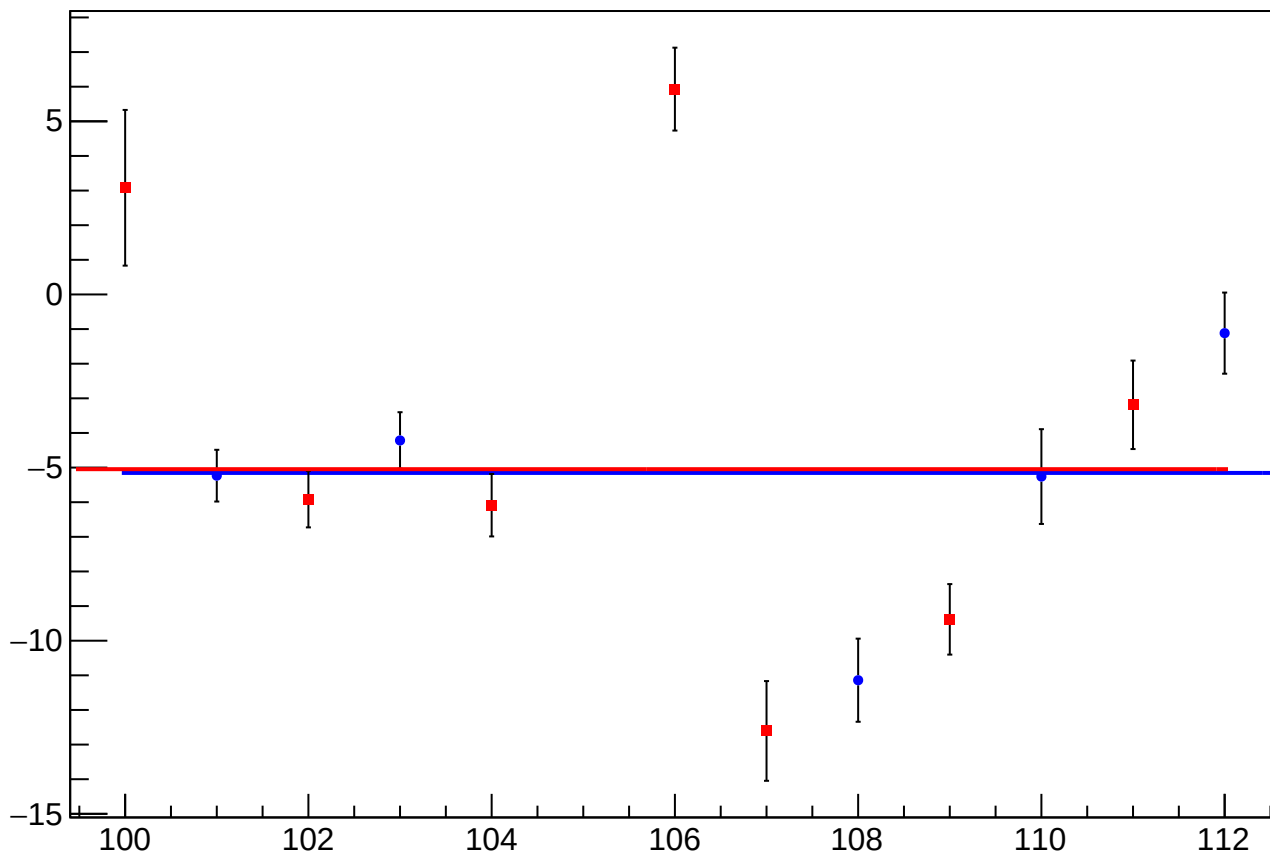
Right: -86.286+/-0.332 χ^2/NDF : 3769.5/11

In: -89.973+/-0.485 χ^2/NDF : 1423.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -86.286+/-0.332 χ^2/NDF : 3769.5/11

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.154+/-0.436 χ^2/NDF : 38.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.046+/-0.419 χ^2/NDF : 147.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

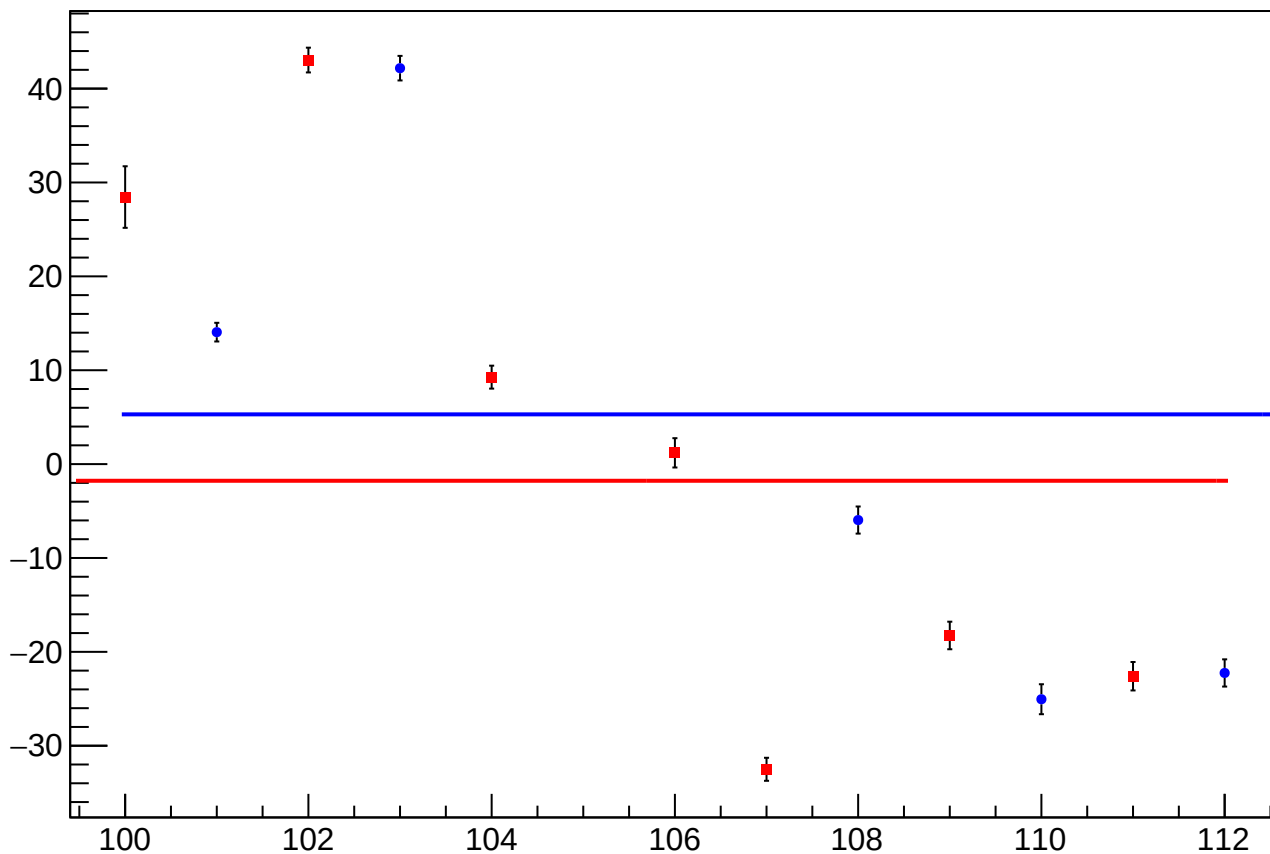
Right: -5.098+/-0.302 χ^2/NDF : 185.5/11

In: -5.154+/-0.436 χ^2/NDF : 38.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.098+/-0.302 χ^2/NDF : 185.5/11

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.299+/-0.583 χ^2/NDF : 1655.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.775+/-0.549 χ^2/NDF : 2267.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

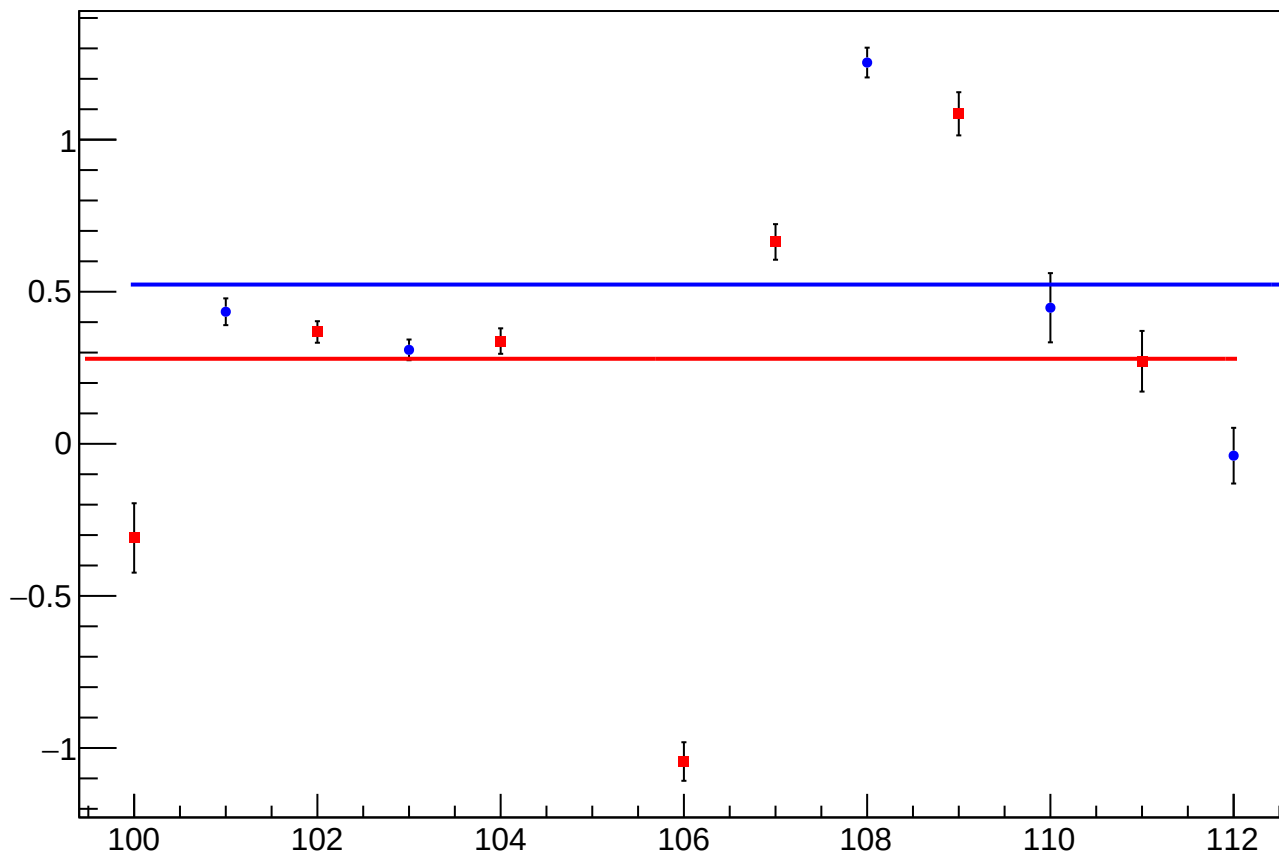
Right: 1.553+/-0.400 χ^2/NDF : 4001.2/11

In: 5.299+/-0.583 χ^2/NDF : 1655.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.553+/-0.400 χ^2/NDF : 4001.2/11

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.524 ± 0.022 χ^2/NDF : 304.7/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.280 ± 0.021 χ^2/NDF : 643.0/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

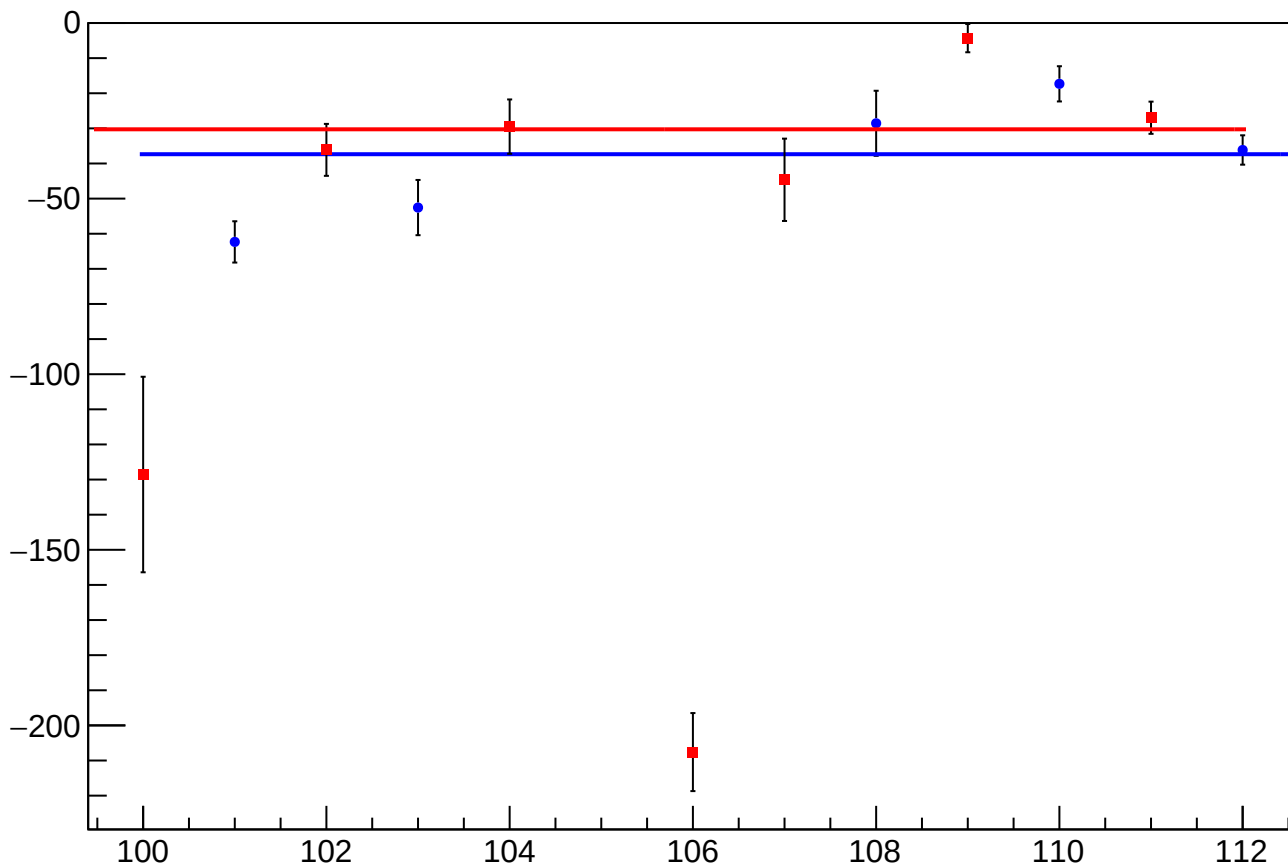
Right: 0.393 ± 0.015 χ^2/NDF : 1011.0/11

In: 0.524 ± 0.022 χ^2/NDF : 304.7/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.393 ± 0.015 χ^2/NDF : 1011.0/11

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -37.357 ± 2.550 $\chi^2/\text{NDF}: 38.7/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -30.266 ± 2.491 $\chi^2/\text{NDF}: 311.5/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

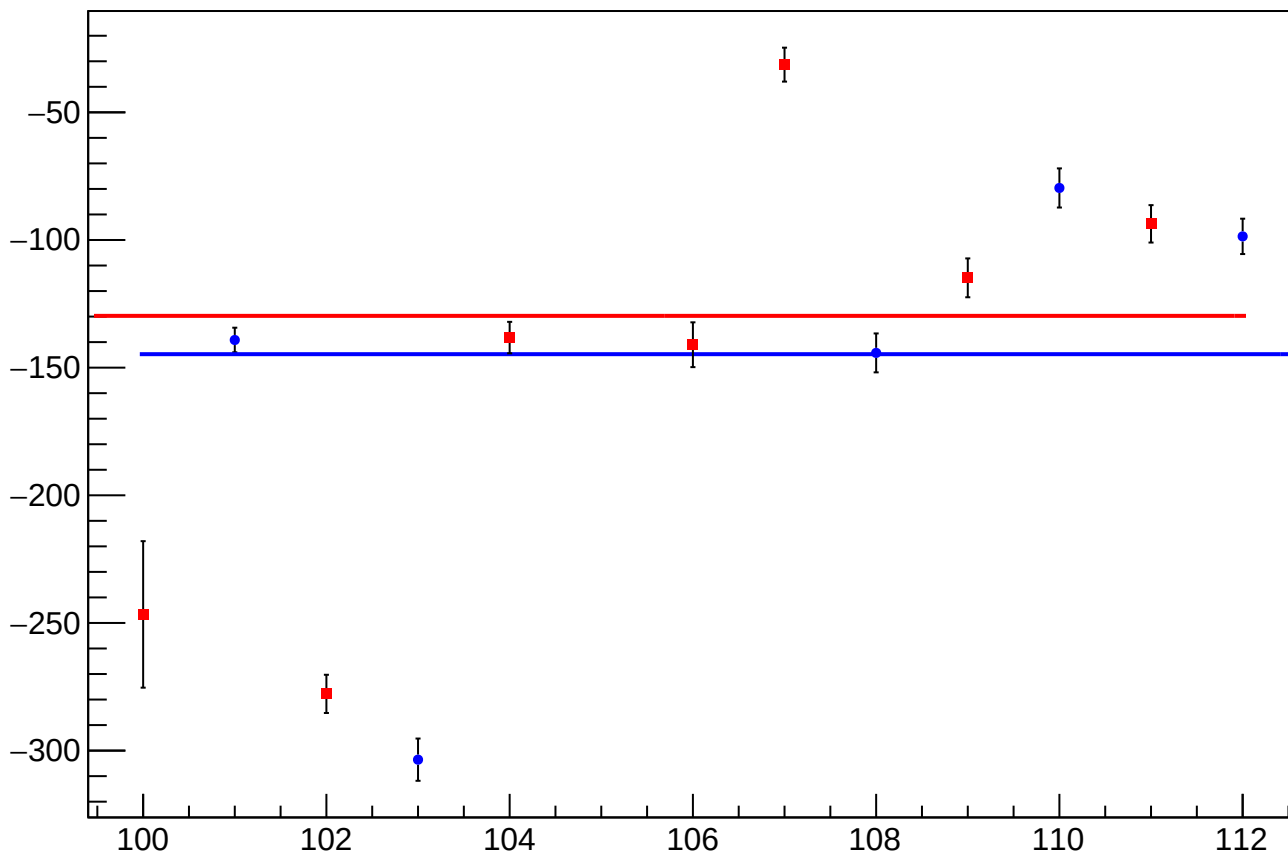
Right: -33.729 ± 1.782 $\chi^2/\text{NDF}: 354.2/11$

In: -37.357 ± 2.550 $\chi^2/\text{NDF}: 38.7/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -33.729 ± 1.782 $\chi^2/\text{NDF}: 354.2/11$

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -144.723+/-2.977 χ^2/NDF : 486.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -129.716+/-2.924 χ^2/NDF : 658.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

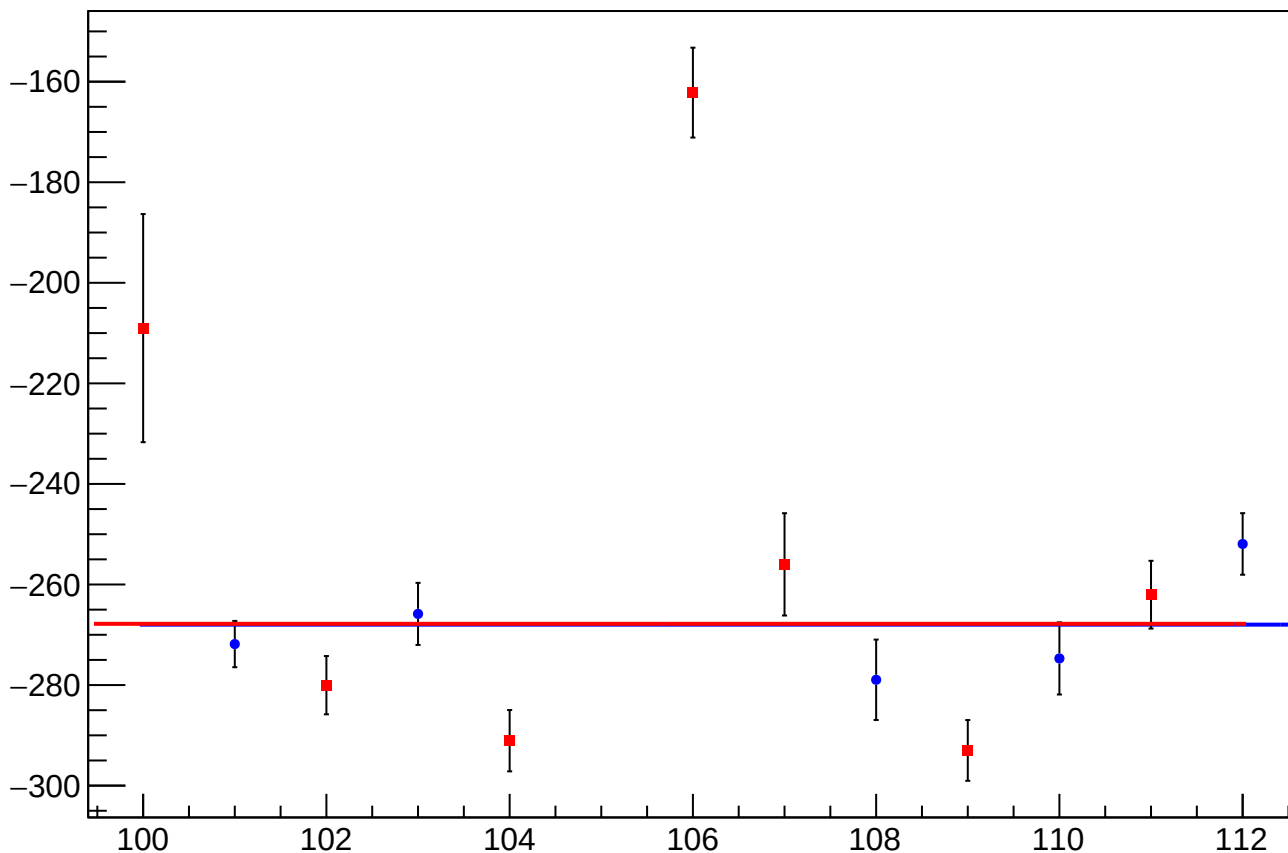
Right: -137.086+/-2.086 χ^2/NDF : 1158.0/11

In: -144.723+/-2.977 χ^2/NDF : 486.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -137.086+/-2.086 χ^2/NDF : 1158.0/11

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -267.983+/-2.720 χ^2/NDF : 10.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -267.819+/-2.771 χ^2/NDF : 184.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

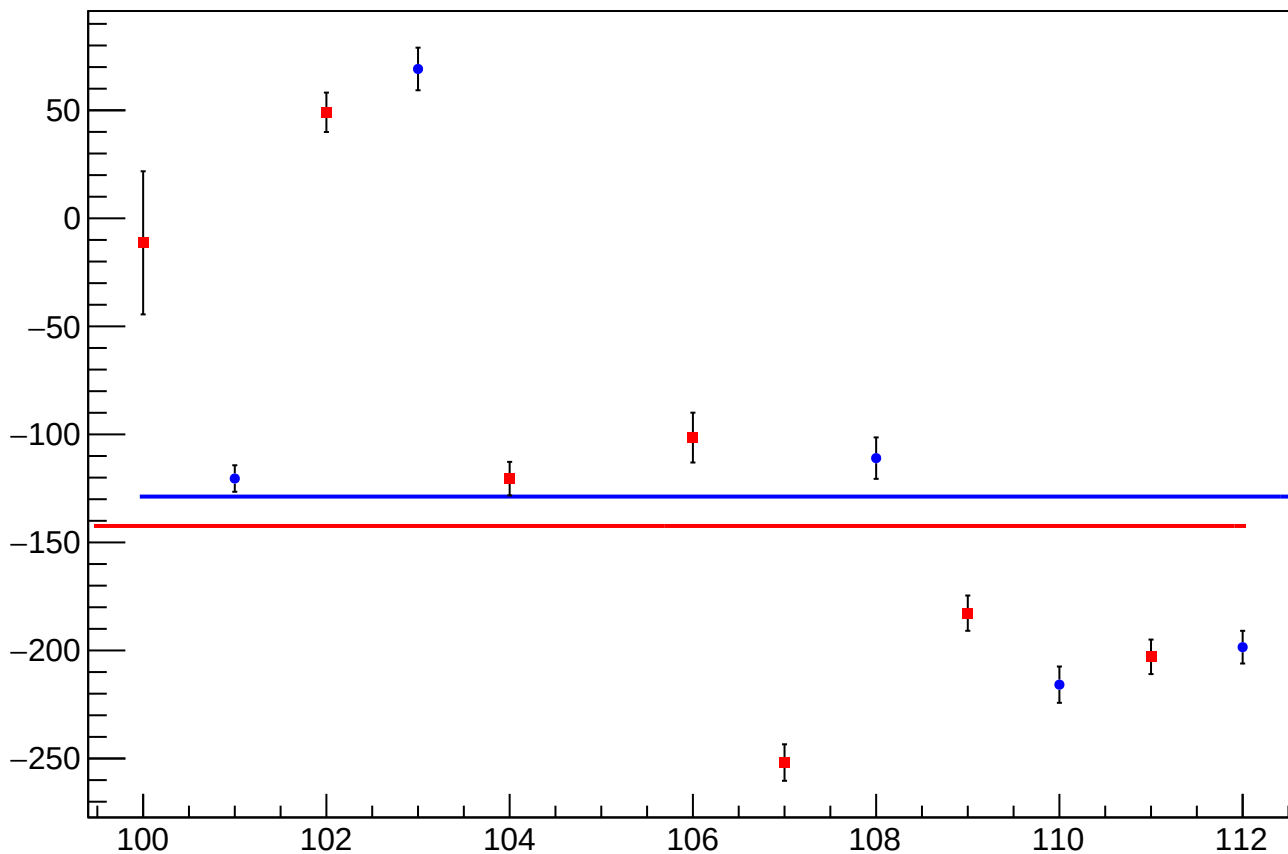
Right: -267.903+/-1.941 χ^2/NDF : 195.3/11

In: -267.983+/-2.720 χ^2/NDF : 10.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -267.903+/-1.941 χ^2/NDF : 195.3/11

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -128.778 ± 3.549 $\chi^2/\text{NDF}: 600.7/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -142.380 ± 3.498 $\chi^2/\text{NDF}: 726.7/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

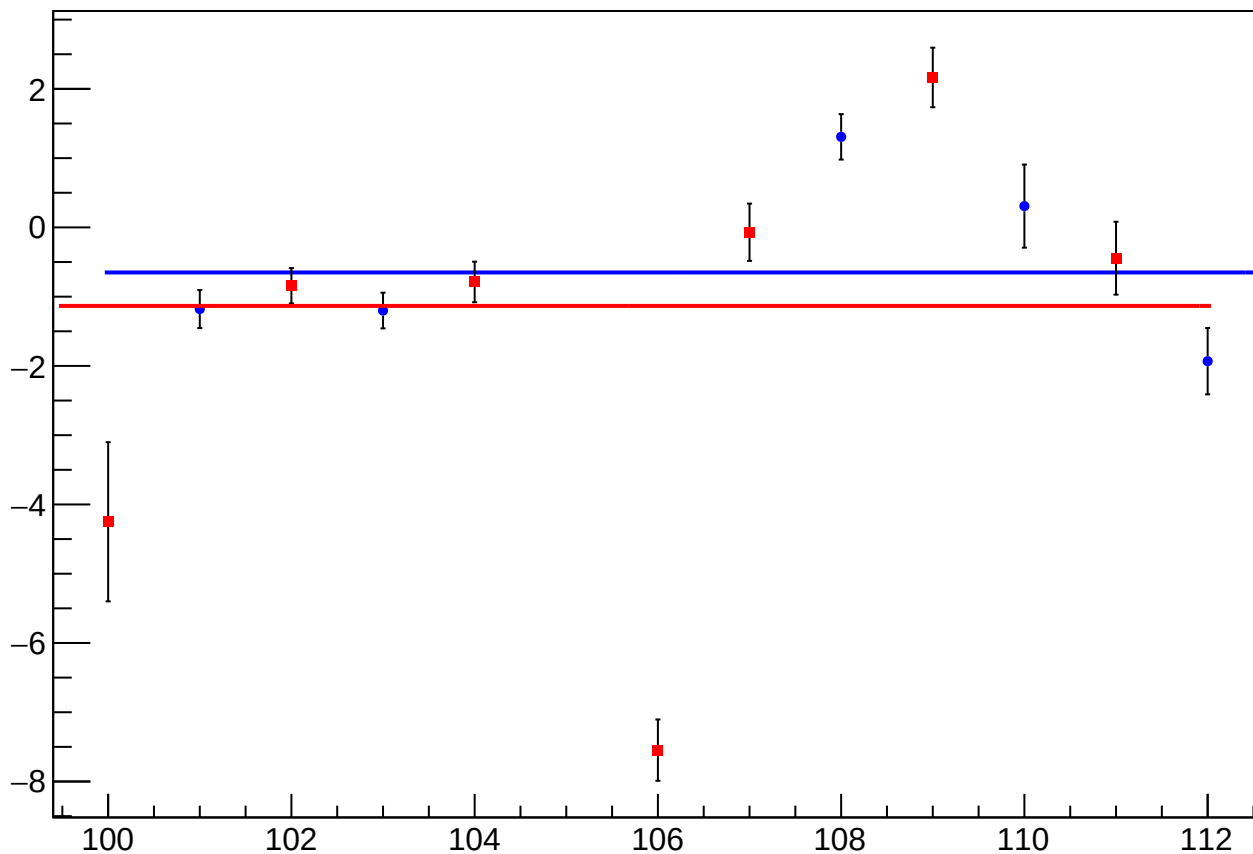
Right: -135.677 ± 2.491 $\chi^2/\text{NDF}: 1334.9/11$

In: -128.778 ± 3.549 $\chi^2/\text{NDF}: 600.7/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -135.677 ± 2.491 $\chi^2/\text{NDF}: 1334.9/11$

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.651 ± 0.149 χ^2/NDF : 53.6/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.134 ± 0.145 χ^2/NDF : 287.1/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

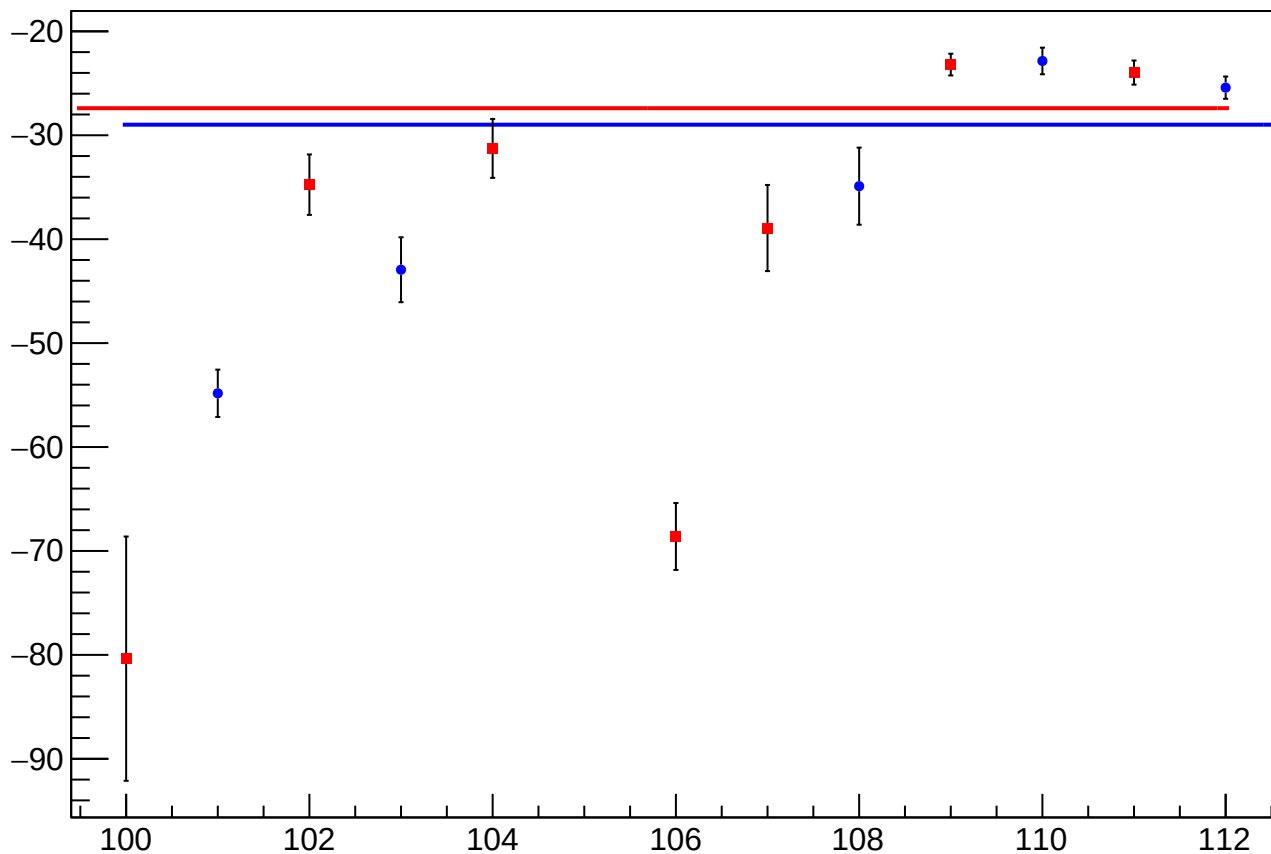
Right: -0.900 ± 0.104 χ^2/NDF : 346.1/11

In: -0.651 ± 0.149 χ^2/NDF : 53.6/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.900 ± 0.104 χ^2/NDF : 346.1/11

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -28.983 ± 0.736 $\chi^2/\text{NDF}: 185.3/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -27.396 ± 0.696 $\chi^2/\text{NDF}: 225.0/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

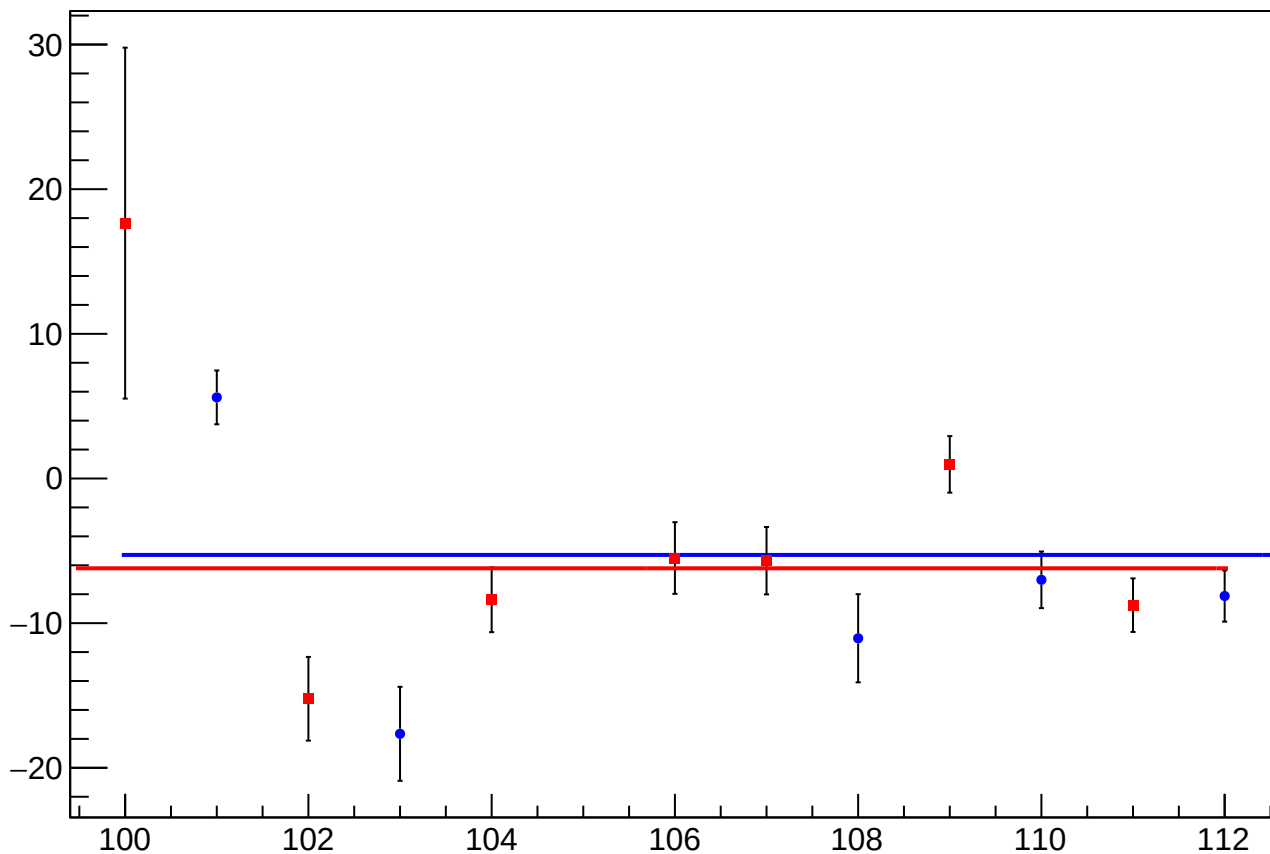
Right: -28.146 ± 0.506 $\chi^2/\text{NDF}: 412.8/11$

In: -28.983 ± 0.736 $\chi^2/\text{NDF}: 185.3/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -28.146 ± 0.506 $\chi^2/\text{NDF}: 412.8/11$

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.283+/-0.966 χ^2/NDF : 55.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.207+/-0.903 χ^2/NDF : 30.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

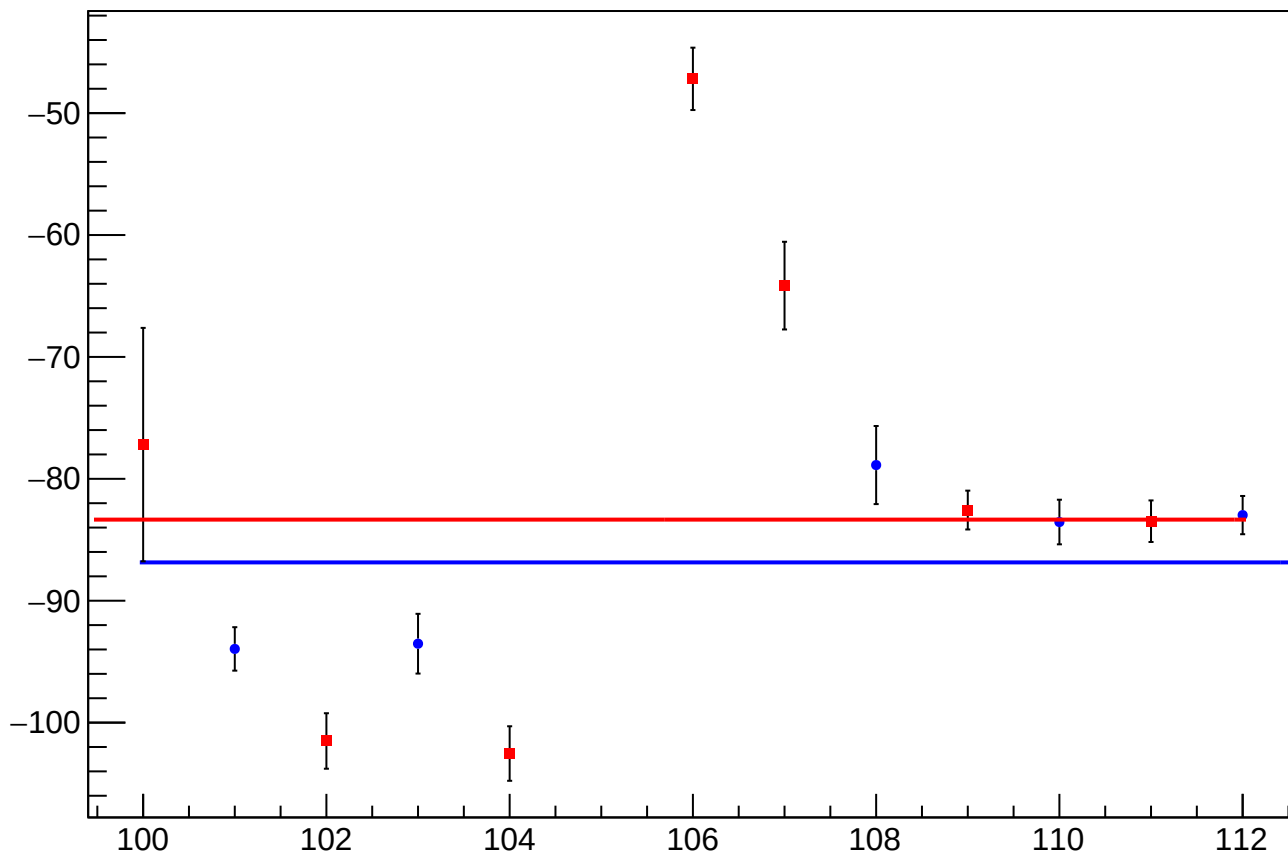
Right: -5.776+/-0.660 χ^2/NDF : 86.3/11

In: -5.283+/-0.966 χ^2/NDF : 55.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.776+/-0.660 χ^2/NDF : 86.3/11

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -86.857 $\pm$ 0.883 χ^2/NDF : 38.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -83.346 $\pm$ 0.854 χ^2/NDF : 366.2/6

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

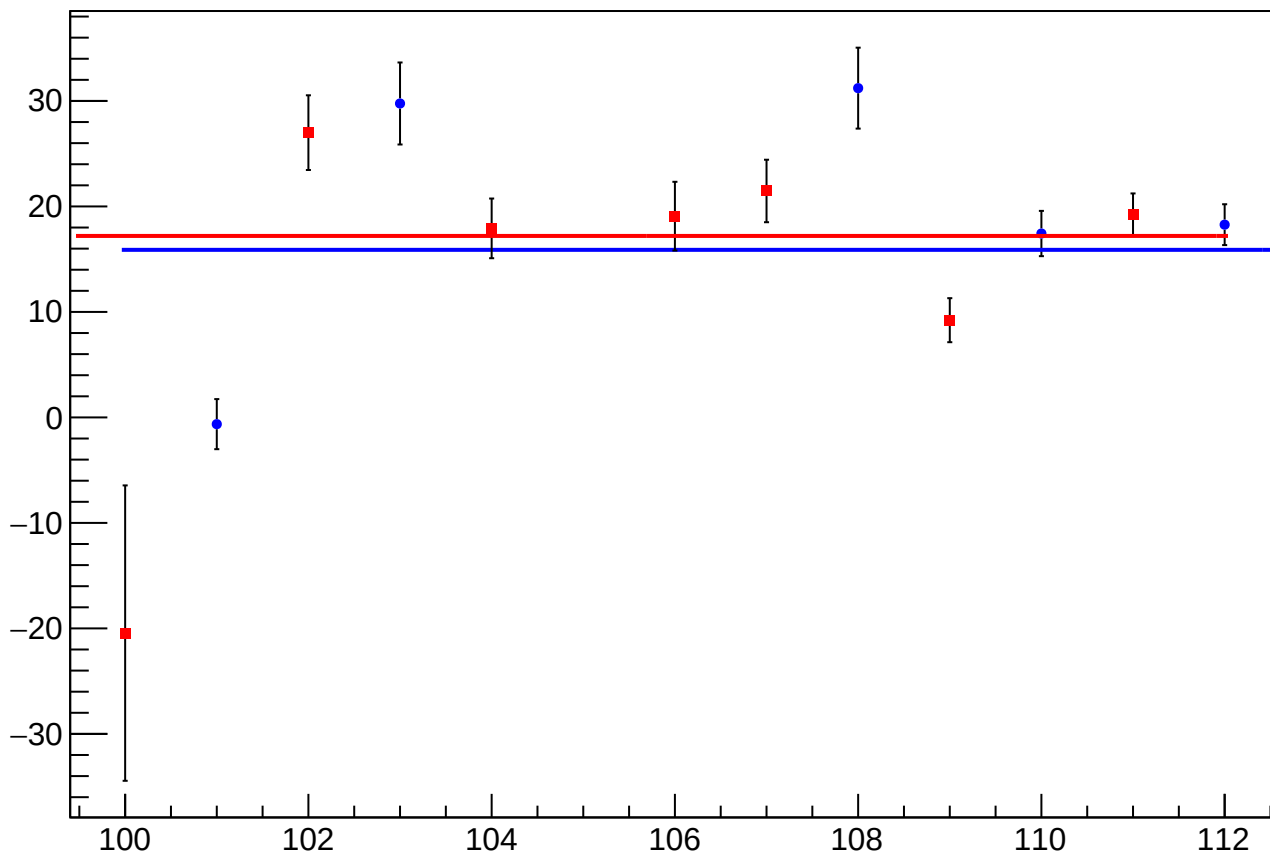
Right: -85.043 $\pm$ 0.614 χ^2/NDF : 413.2/11

In: -86.857 $\pm$ 0.883 χ^2/NDF : 38.9/4

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -85.043 $\pm$ 0.614 χ^2/NDF : 413.2/11

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.886 $\pm$ 1.121 χ^2 /NDF: 79.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 17.204 $\pm$ 1.058 χ^2 /NDF: 33.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

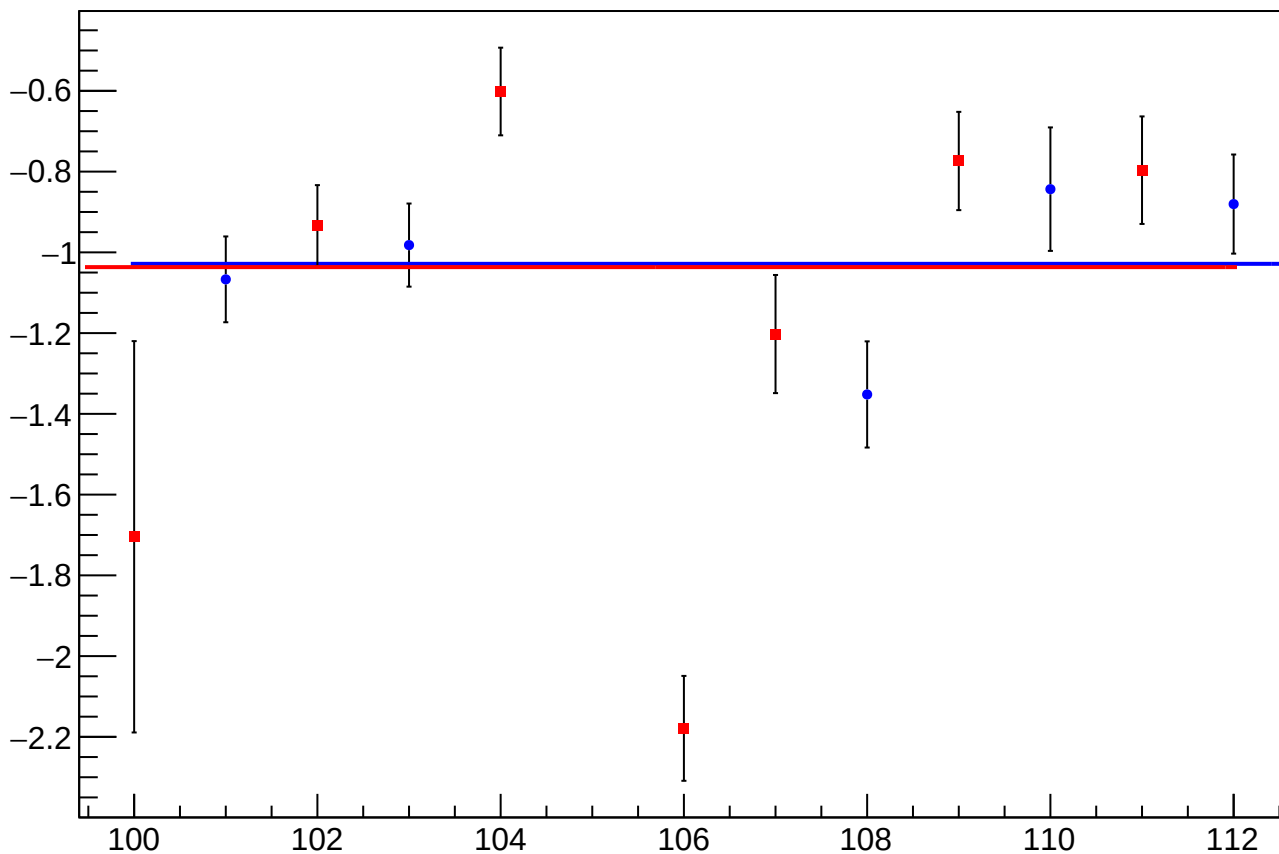
Right: 16.583 $\pm$ 0.770 χ^2 /NDF: 112.9/11

In: 15.886 $\pm$ 1.121 χ^2 /NDF:79.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 16.583 $\pm$ 0.770 χ^2 /NDF: 112.9/11

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.028+/-0.053 χ^2/NDF : 9.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.037+/-0.049 χ^2/NDF : 105.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

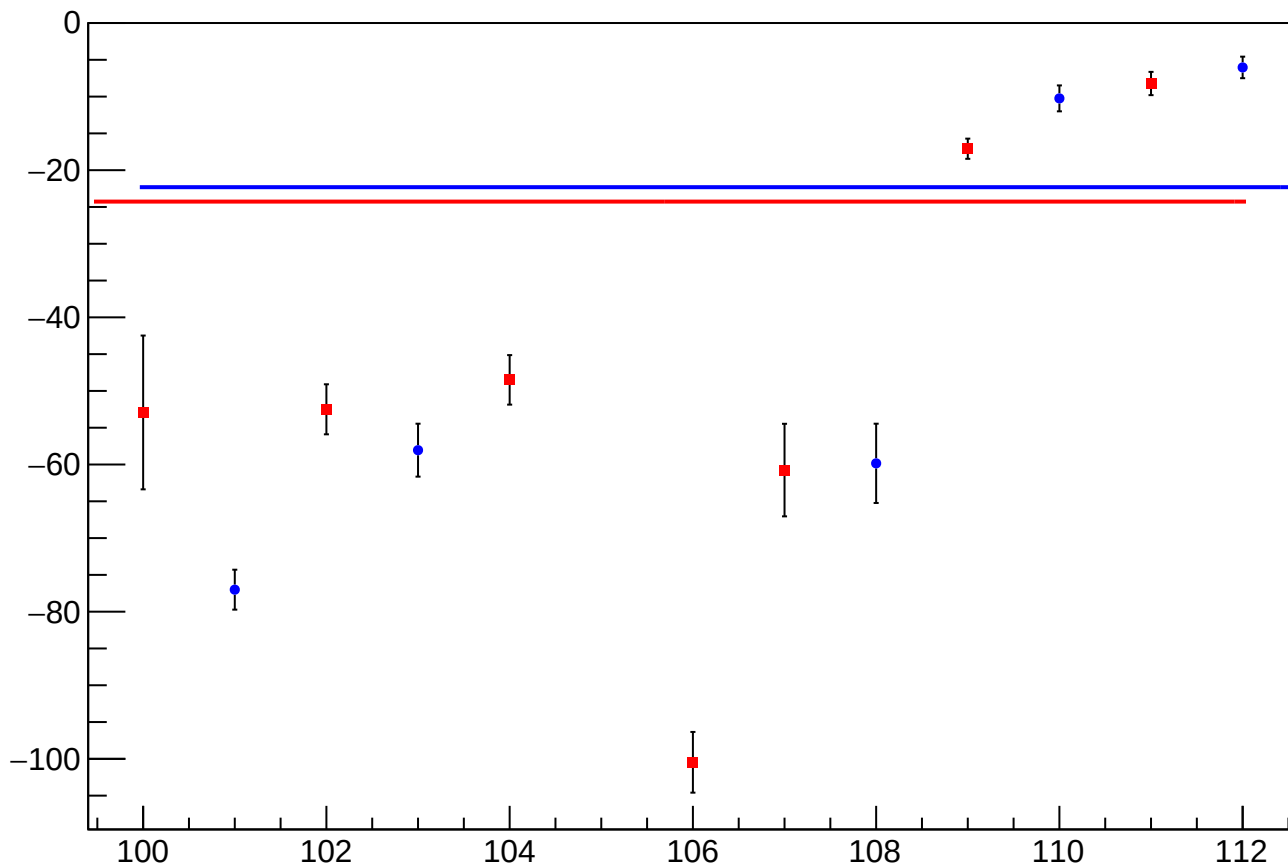
Right: -1.033+/-0.036 χ^2/NDF : 114.8/11

In: -1.028+/-0.053 χ^2/NDF : 9.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.033+/-0.036 χ^2/NDF : 114.8/11

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -22.310+/-0.982 χ^2/NDF : 724.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -24.269+/-0.913 χ^2/NDF : 633.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

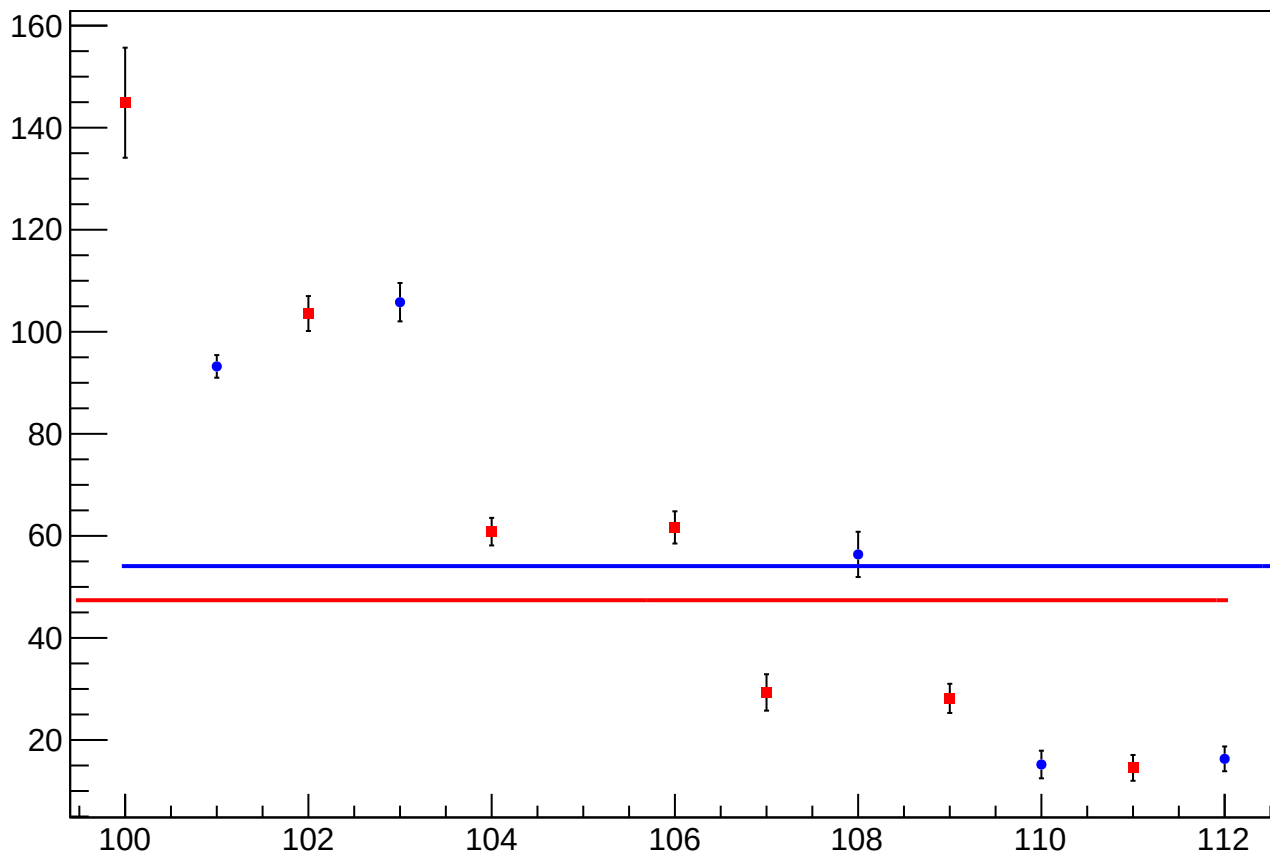
Right: -23.361+/-0.669 χ^2/NDF : 1359.8/11

In: -22.310+/-0.982 χ^2/NDF : 724.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.361+/-0.669 χ^2/NDF : 1359.8/11

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 54.075+/-1.259 χ^2/NDF : 948.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.390+/-1.205 χ^2/NDF : 636.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

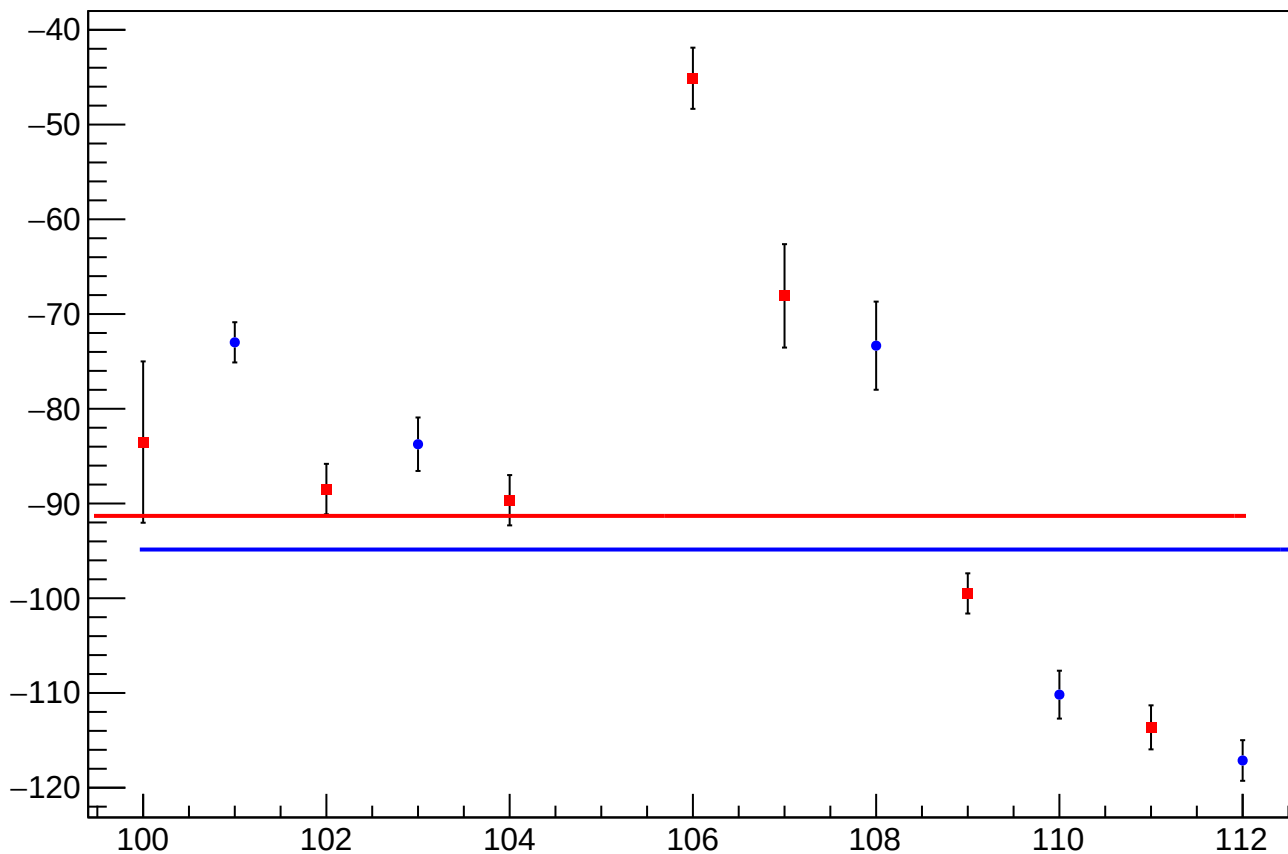
Right: 50.585+/-0.871 χ^2/NDF : 1599.4/11

In: 54.075+/-1.259 χ^2/NDF : 948.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.585+/-0.871 χ^2/NDF : 1599.4/11

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -94.858 $\pm$ 1.141 χ^2 /NDF: 287.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -91.308 $\pm$ 1.095 χ^2 /NDF: 332.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

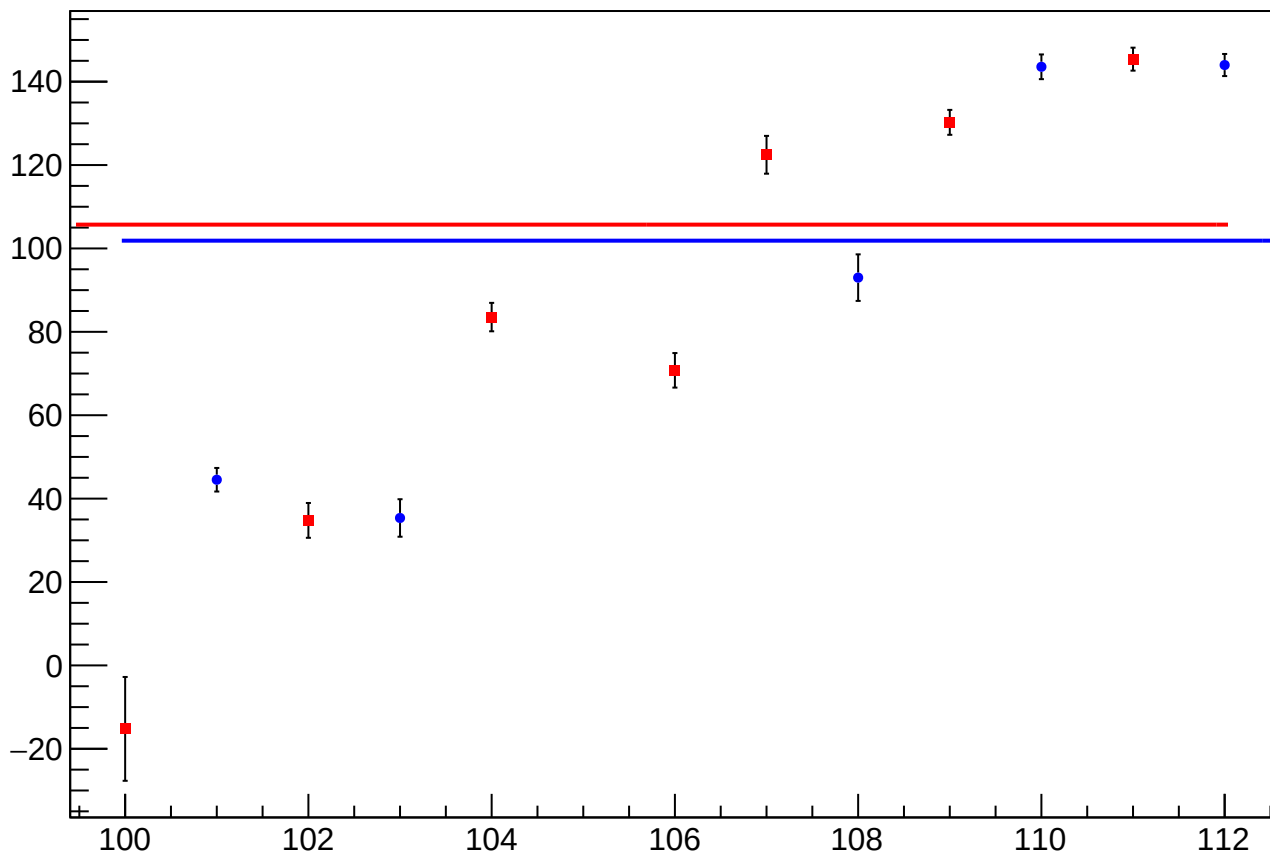
Right: -93.010 $\pm$ 0.790 χ^2 /NDF: 624.9/11

In: -94.858 $\pm$ 1.141 χ^2 /NDF: 287.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -93.010 $\pm$ 0.790 χ^2 /NDF: 624.9/11

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 101.864 $\pm$ 1.470 χ^2 /NDF: 1082.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 105.711 $\pm$ 1.414 χ^2 /NDF: 784.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

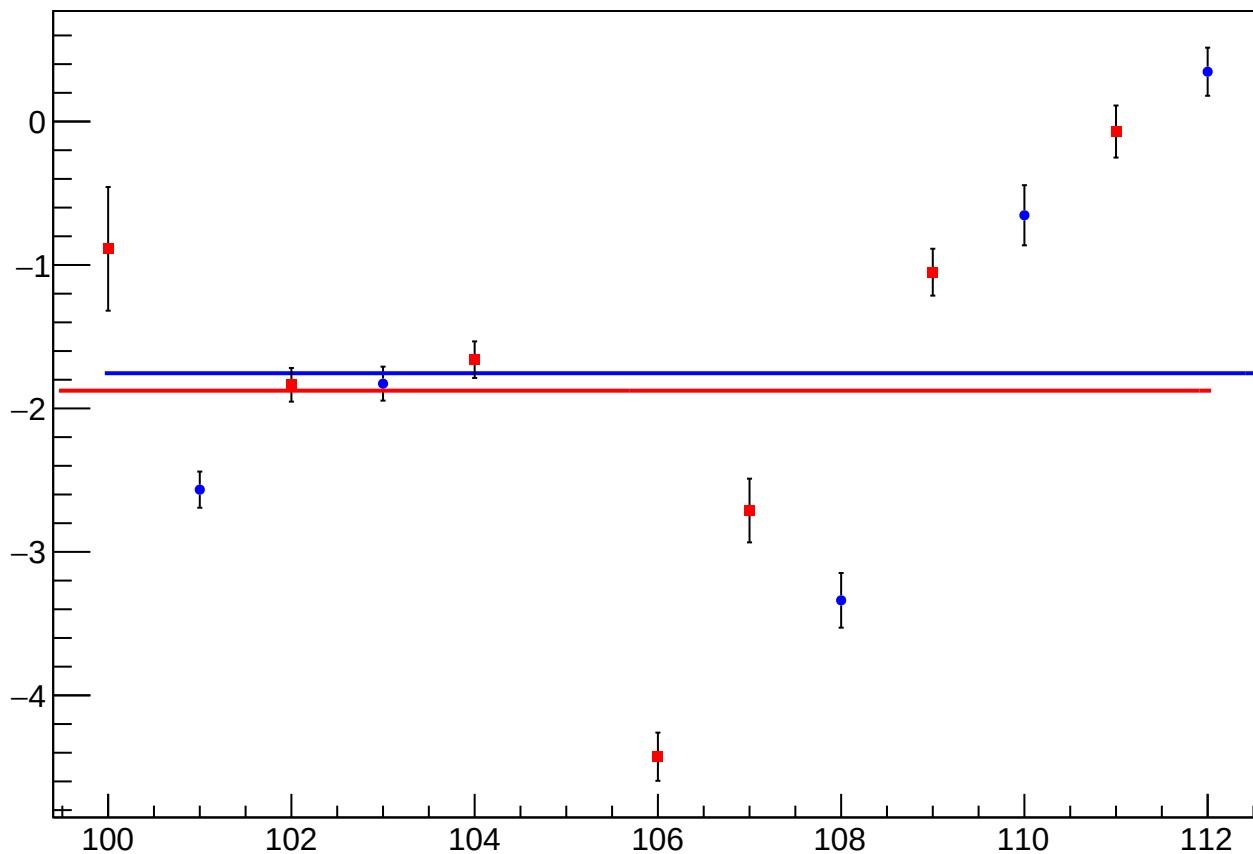
Right: 103.863 $\pm$ 1.019 χ^2 /NDF: 1871.1/11

In: 101.864 $\pm$ 1.470 χ^2 /NDF:1082.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 103.863 $\pm$ 1.019 χ^2 /NDF: 1871.1/11

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.755 ± 0.067 χ^2/NDF : 295.6/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.876 ± 0.062 χ^2/NDF : 378.0/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

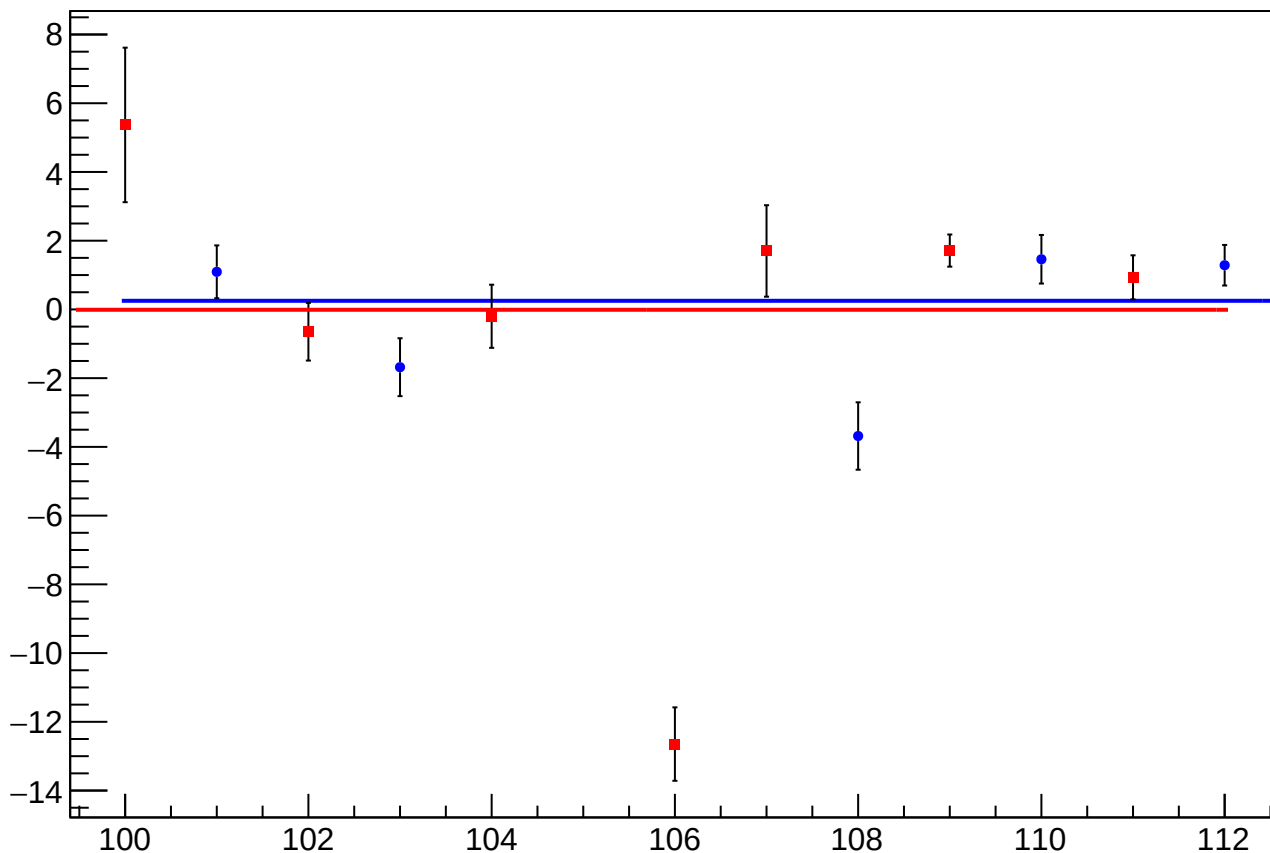
Right: -1.821 ± 0.045 χ^2/NDF : 675.4/11

In: -1.755 ± 0.067 χ^2/NDF : 295.6/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.821 ± 0.045 χ^2/NDF : 675.4/11

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.251+/-0.333 χ^2/NDF : 28.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.010+/-0.298 χ^2/NDF : 163.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

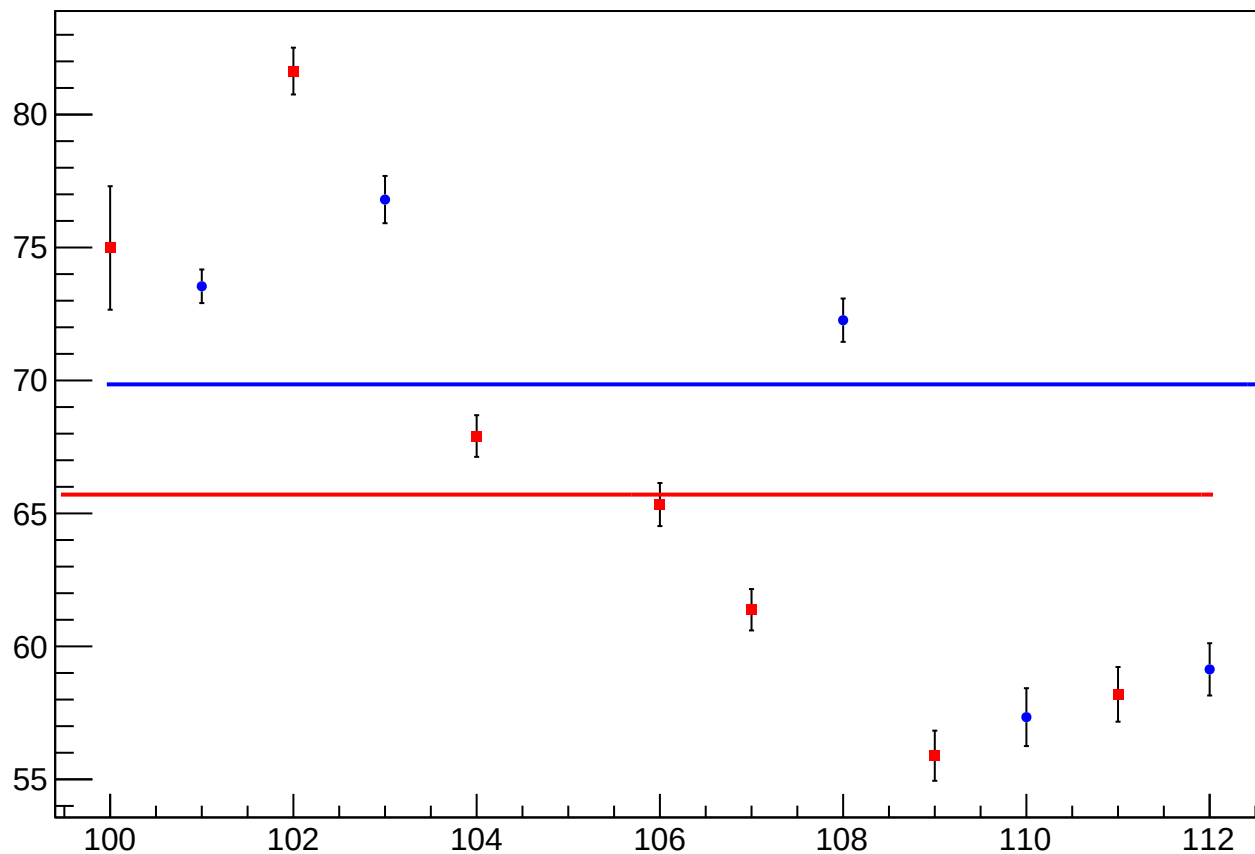
Right: 0.106+/-0.222 χ^2/NDF : 192.5/11

In: 0.251+/-0.333 χ^2/NDF : 28.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.106+/-0.222 χ^2/NDF : 192.5/11

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 69.854 $\pm$ 0.374 χ^2 /NDF: 355.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 65.708 $\pm$ 0.346 χ^2 /NDF: 544.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

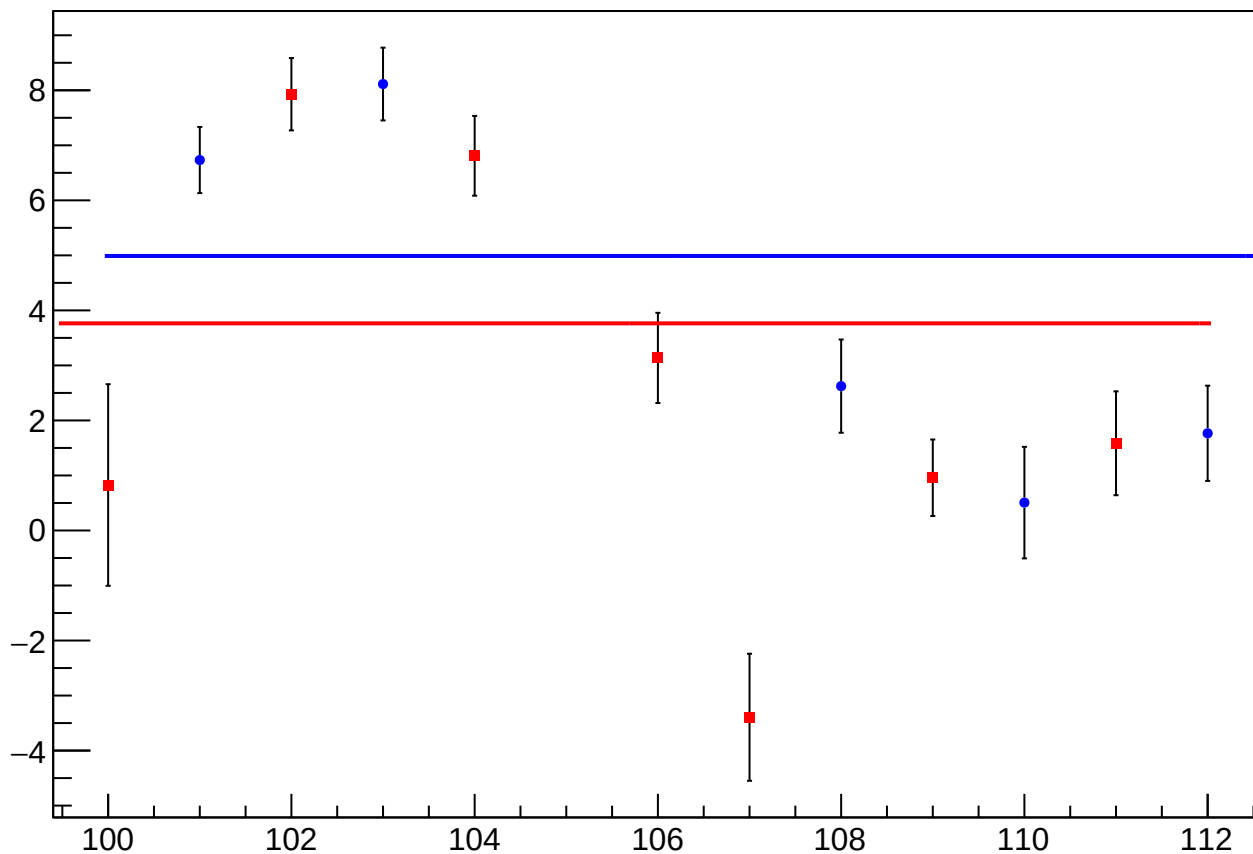
Right: 67.621 $\pm$ 0.254 χ^2 /NDF: 965.6/11

In: 69.854 $\pm$ 0.374 χ^2 /NDF: 355.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 67.621 $\pm$ 0.254 χ^2 /NDF: 965.6/11

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 4.989+/-0.338 χ^2/NDF : 71.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.764+/-0.317 χ^2/NDF : 121.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

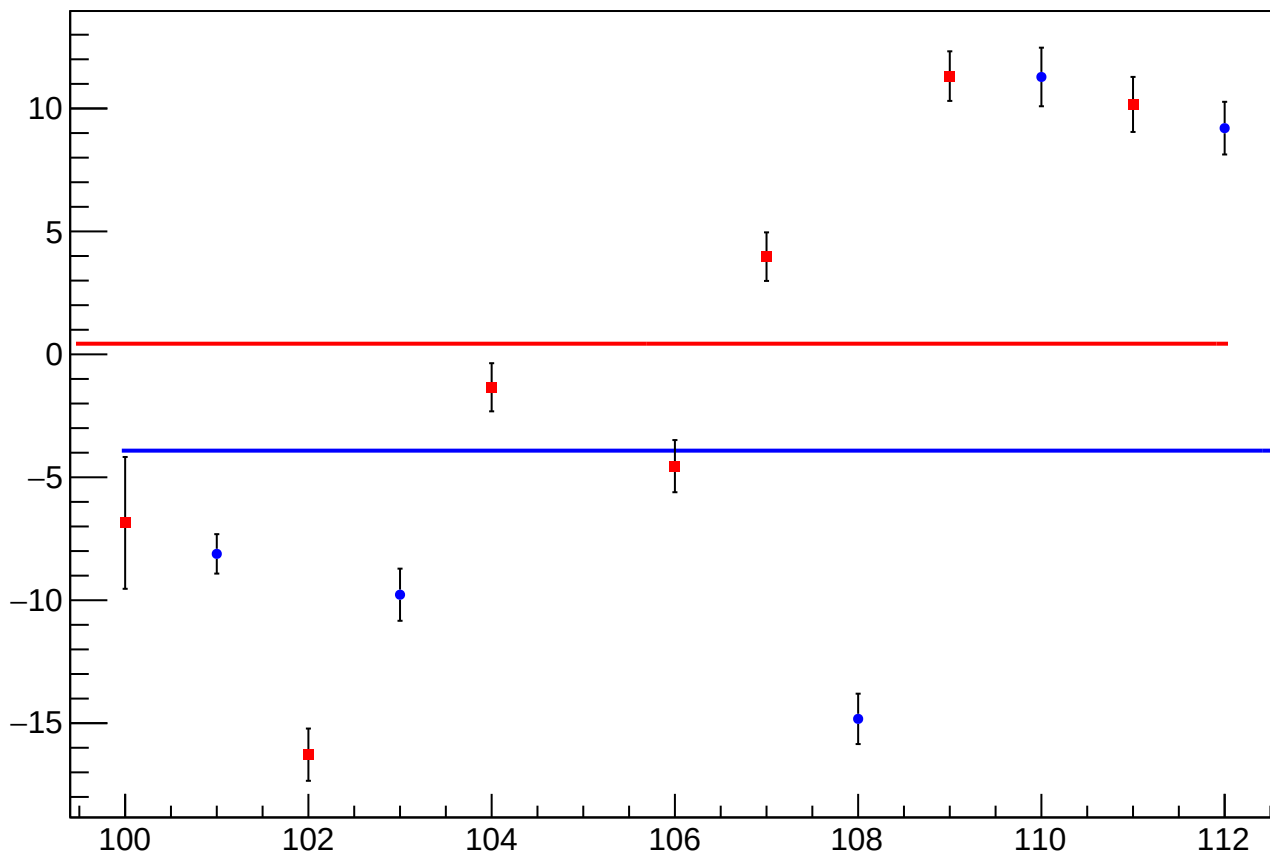
Right: 4.338+/-0.231 χ^2/NDF : 199.9/11

In: 4.989+/-0.338 χ^2/NDF : 71.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.338+/-0.231 χ^2/NDF : 199.9/11

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -3.916+/-0.448 χ^2/NDF : 484.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.433+/-0.417 χ^2/NDF : 485.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

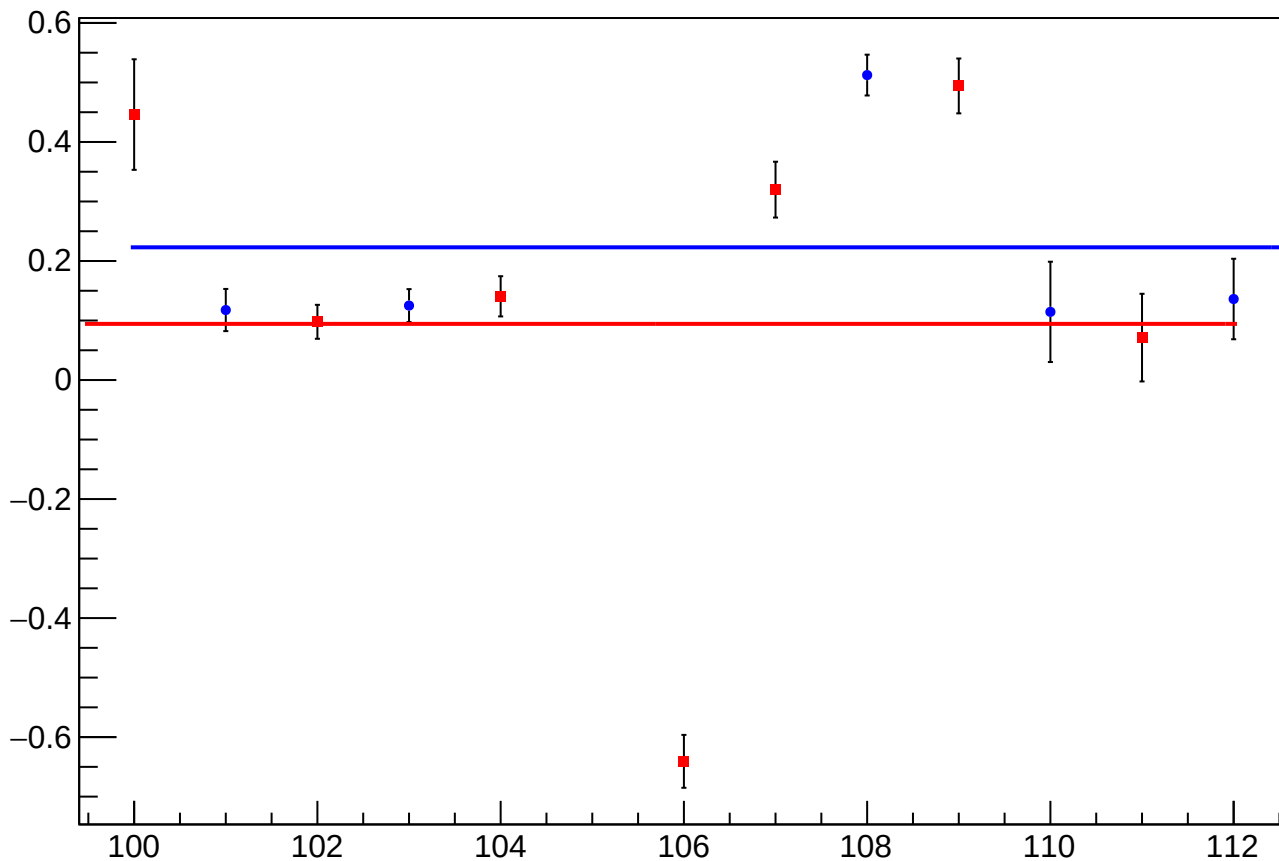
Right: -1.581+/-0.305 χ^2/NDF : 1019.6/11

In: -3.916+/-0.448 χ^2/NDF : 484.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.581+/-0.305 χ^2/NDF : 1019.6/11

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.223+/-0.017 χ^2/NDF : 95.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.094+/-0.016 χ^2/NDF : 388.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

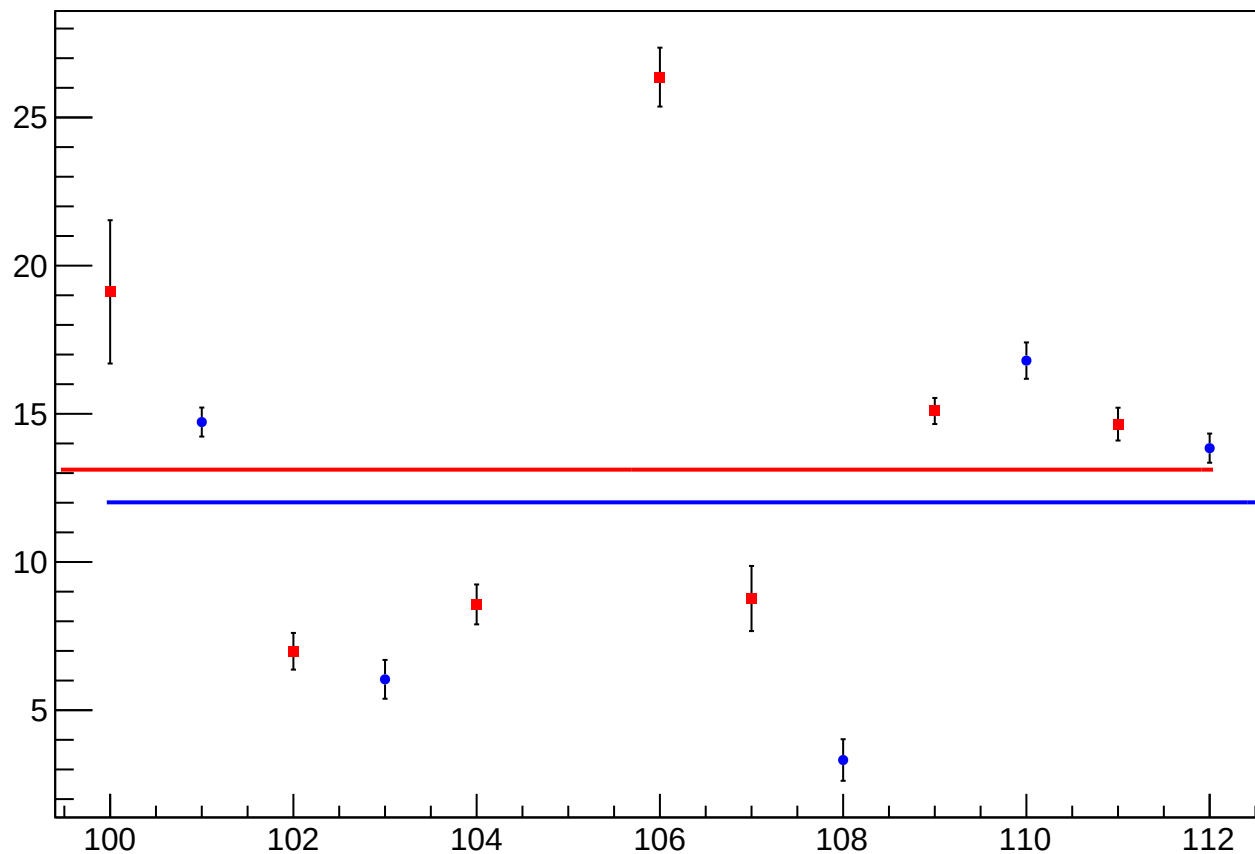
Right: 0.154+/-0.012 χ^2/NDF : 513.5/11

In: 0.223+/-0.017 χ^2/NDF : 95.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.154+/-0.012 χ^2/NDF : 513.5/11

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 12.013 $\pm$ 0.255 χ^2 /NDF: 342.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.117 $\pm$ 0.256 χ^2 /NDF: 371.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

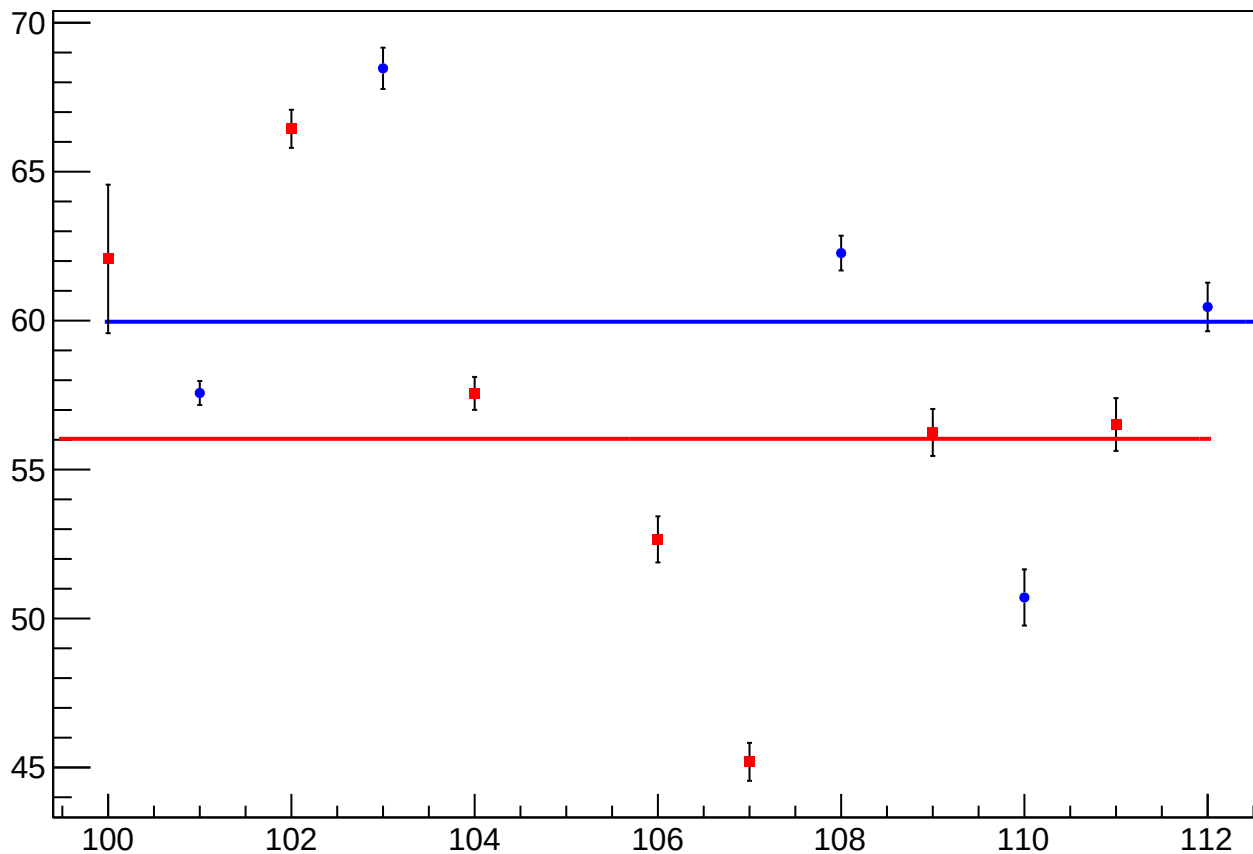
Right: 12.563 $\pm$ 0.181 χ^2 /NDF: 722.4/11

In: 12.013 $\pm$ 0.255 χ^2 /NDF: 342.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.563 $\pm$ 0.181 χ^2 /NDF: 722.4/11

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 59.962 $\pm$ 0.269 χ^2 /NDF: 298.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 56.032 $\pm$ 0.279 χ^2 /NDF: 587.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

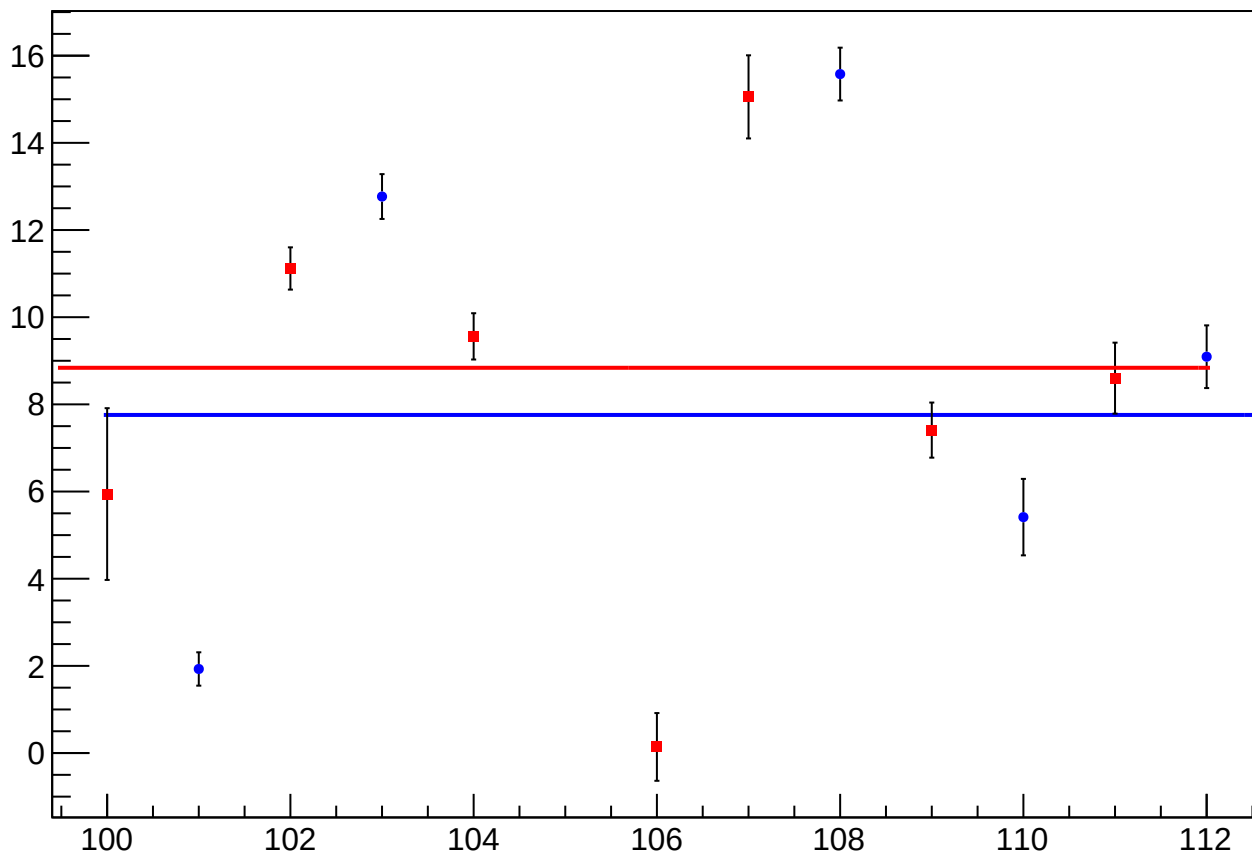
Right: 58.067 $\pm$ 0.193 χ^2 /NDF: 989.0/11

In: 59.962 $\pm$ 0.269 χ^2 /NDF: 298.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 58.067 $\pm$ 0.193 χ^2 /NDF: 989.0/11

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.757+/-0.246 χ^2/NDF : 504.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.839+/-0.260 χ^2/NDF : 199.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

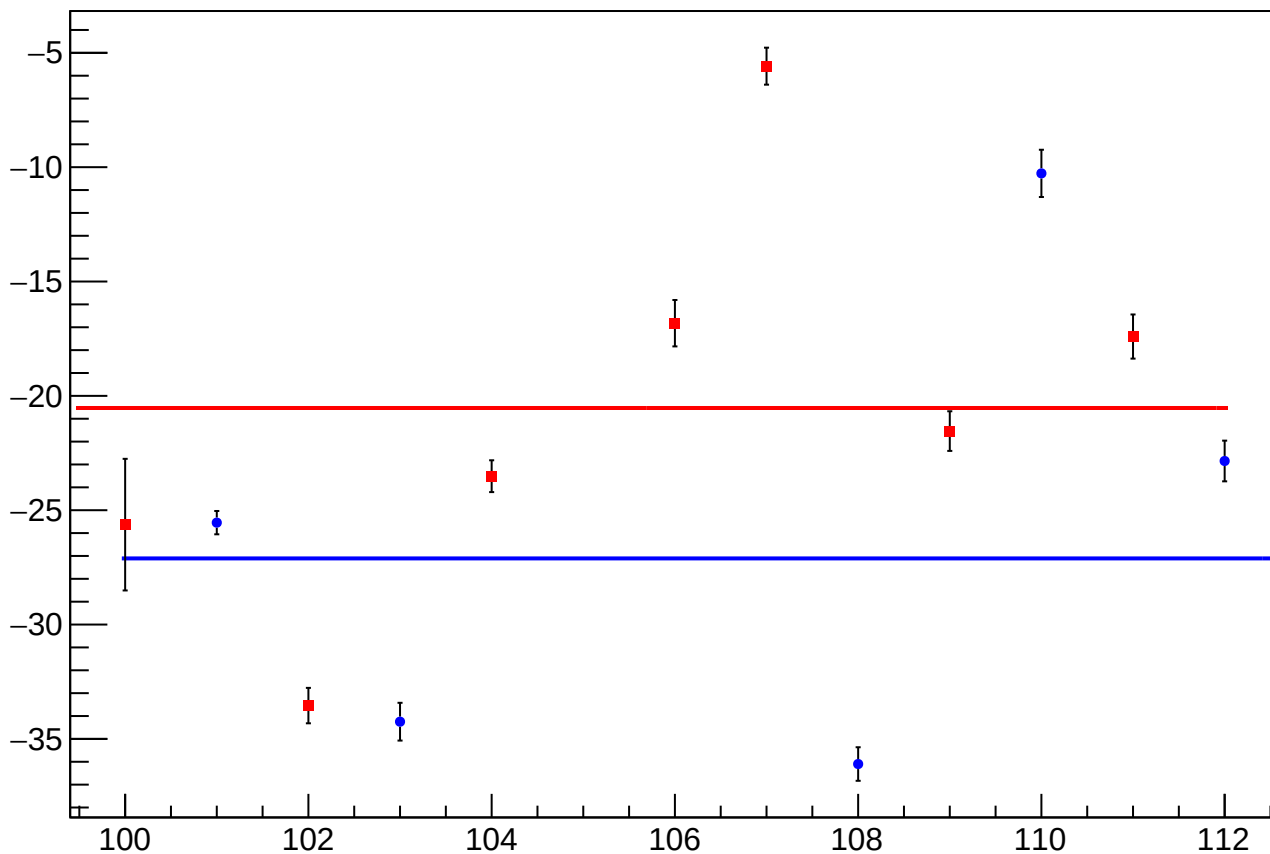
Right: 8.268+/-0.178 χ^2/NDF : 712.3/11

In: 7.757+/-0.246 χ^2/NDF : 504.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.268+/-0.178 χ^2/NDF : 712.3/11

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -27.108 ± 0.327 χ^2/NDF : 522.8/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -20.530 ± 0.338 χ^2/NDF : 670.4/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

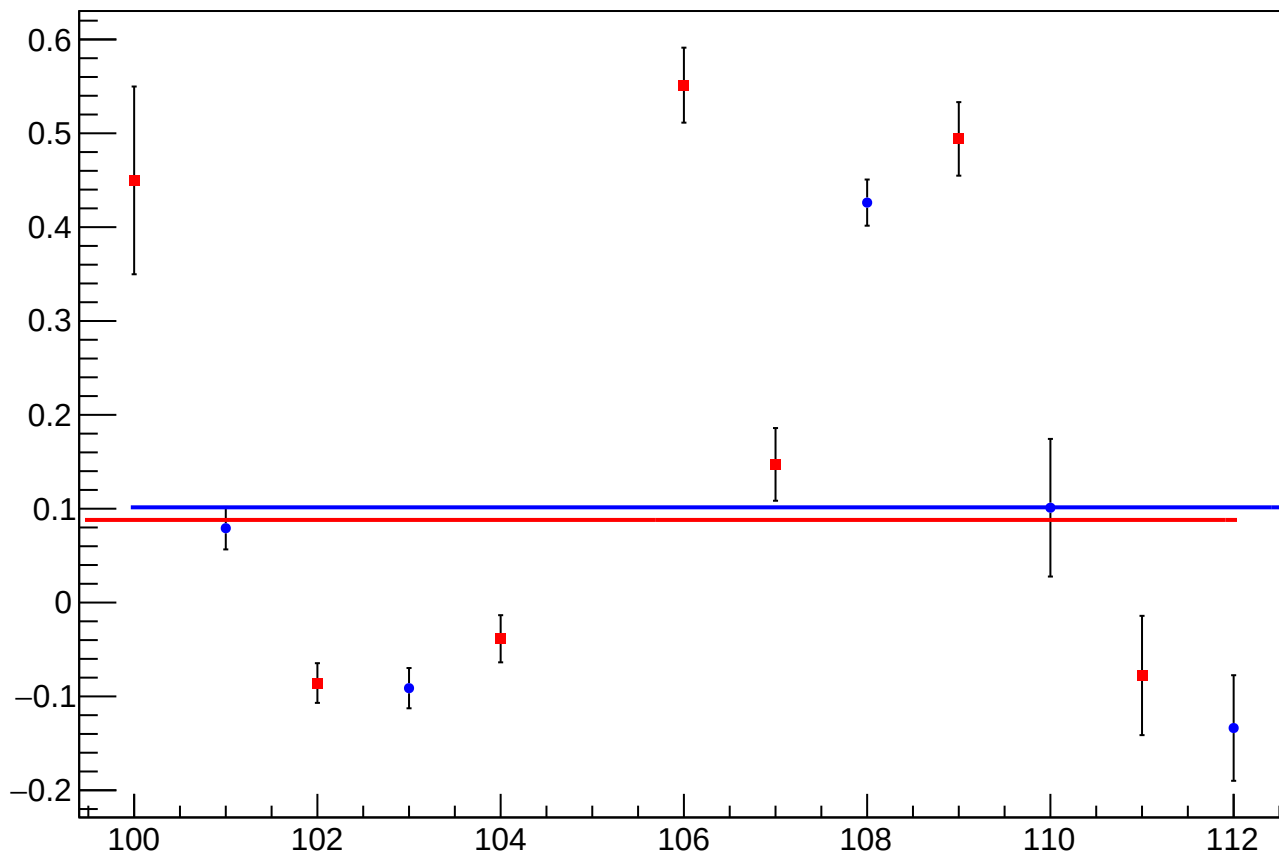
Right: -23.931 ± 0.235 χ^2/NDF : 1389.2/11

In: -27.108 ± 0.327 χ^2/NDF : 522.8/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -23.931 ± 0.235 χ^2/NDF : 1389.2/11

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.101 $\pm$ 0.013 χ^2 /NDF: 273.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.088 $\pm$ 0.013 χ^2 /NDF: 357.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

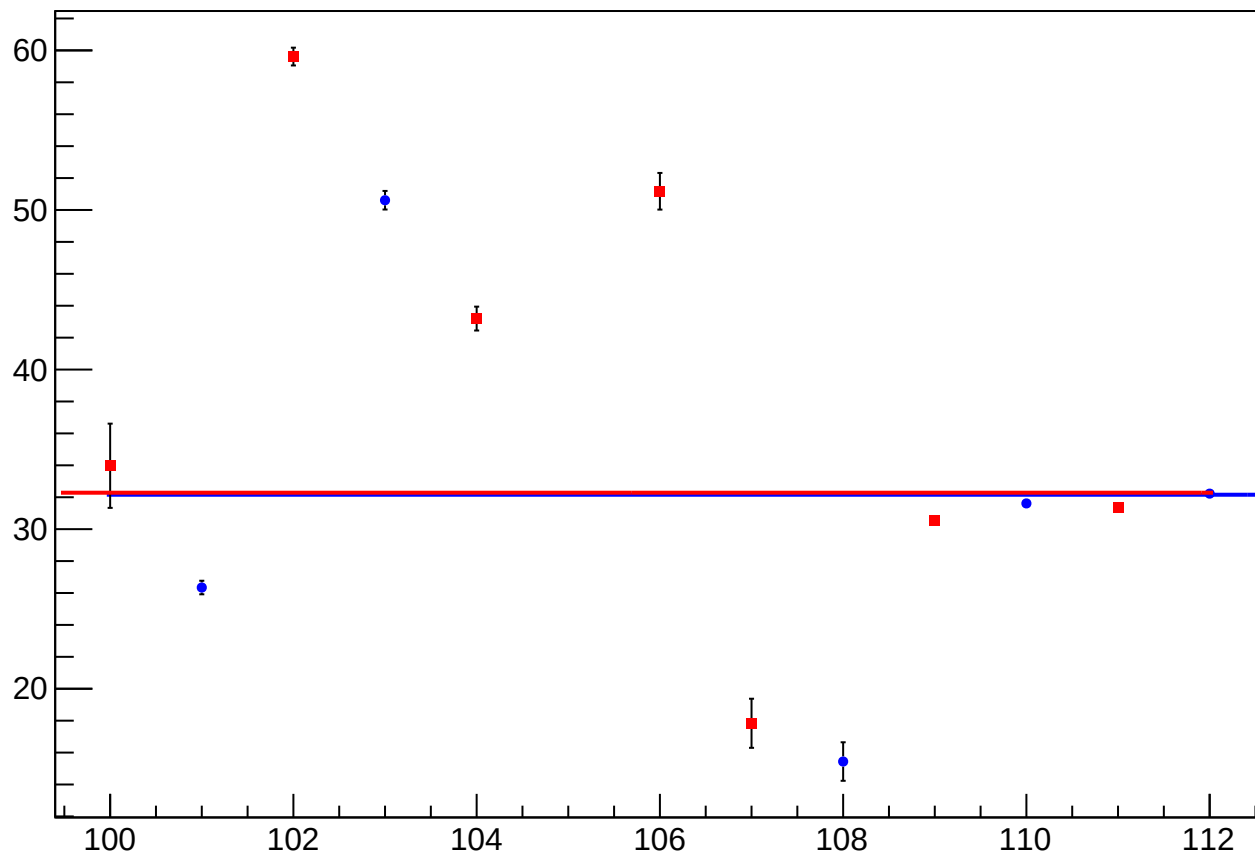
Right: 0.095 $\pm$ 0.009 χ^2 /NDF: 630.9/11

In: 0.101 $\pm$ 0.013 χ^2 /NDF:273.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.095 $\pm$ 0.009 χ^2 /NDF: 630.9/11

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 32.157+/-0.117 χ^2/NDF : 1391.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.284+/-0.106 χ^2/NDF : 3151.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

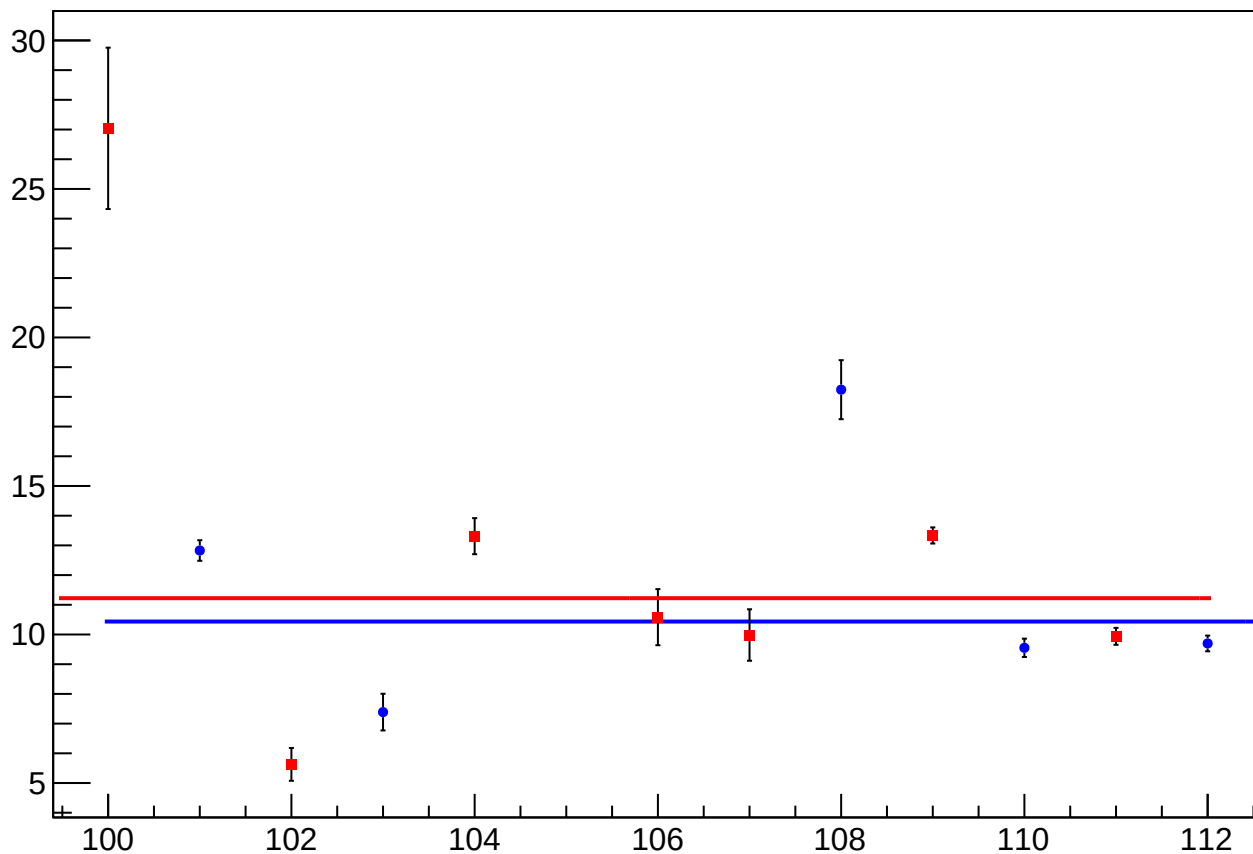
Right: 32.226+/-0.079 χ^2/NDF : 4543.3/11

In: 32.157+/-0.117 χ^2/NDF : 1391.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.226+/-0.079 χ^2/NDF : 4543.3/11

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.436 $\pm$ 0.165 χ^2 /NDF: 149.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.223 $\pm$ 0.170 χ^2 /NDF: 231.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

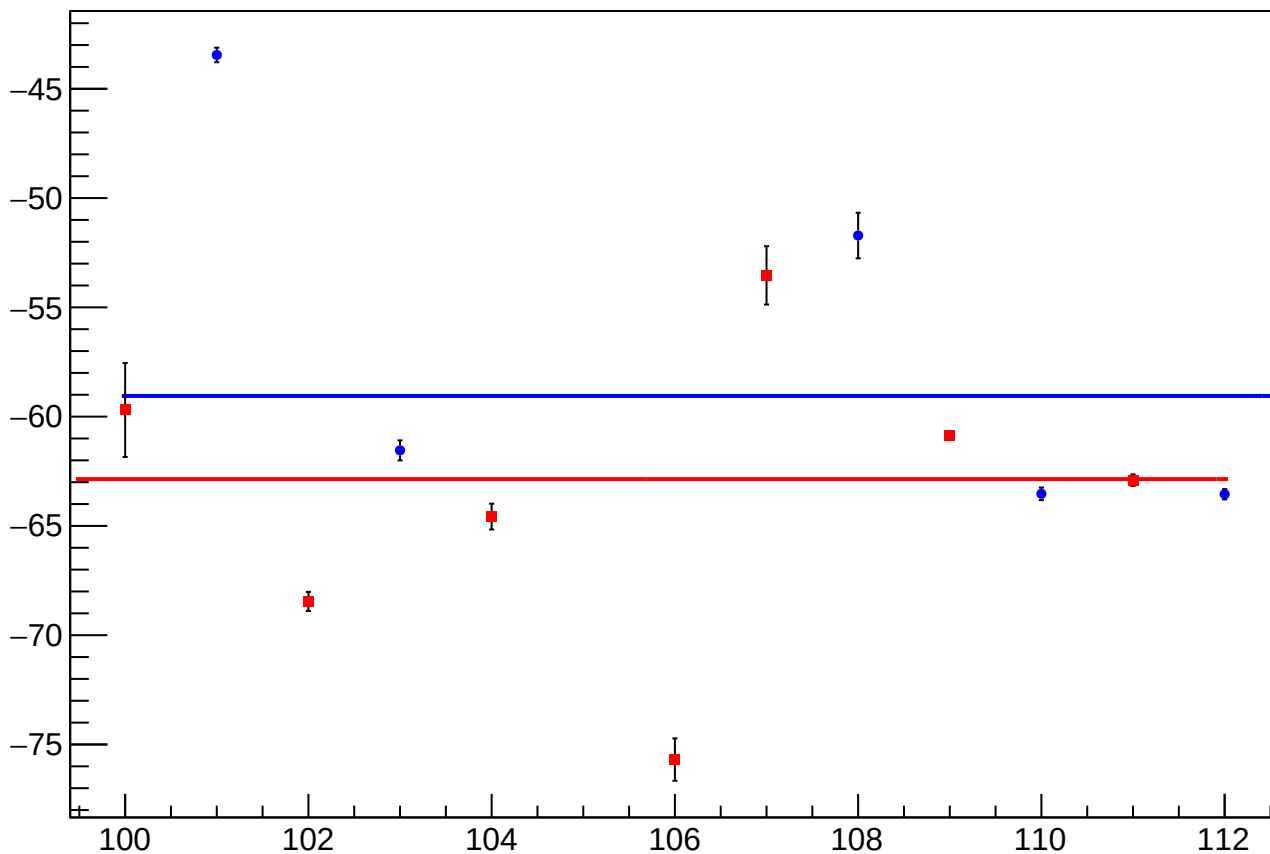
Right: 10.817 $\pm$ 0.119 χ^2 /NDF: 392.4/11

In: 10.436 $\pm$ 0.165 χ^2 /NDF: 149.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.817 $\pm$ 0.119 χ^2 /NDF: 392.4/11

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.054 $\pm$ 0.149 χ^2 /NDF: 2890.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -62.858 $\pm$ 0.148 χ^2 /NDF: 484.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

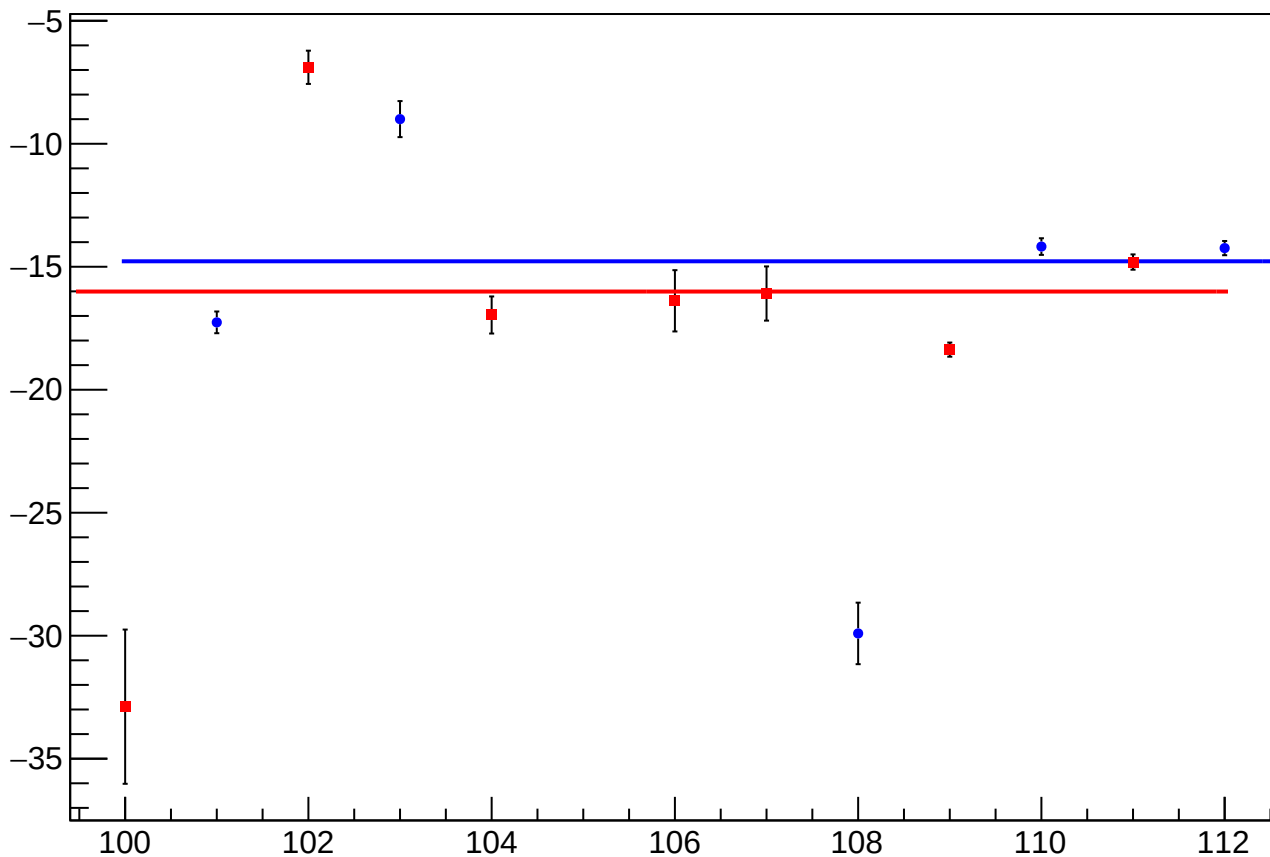
Right: -60.972 $\pm$ 0.105 χ^2 /NDF: 3703.6/11

In: -59.054 $\pm$ 0.149 χ^2 /NDF:2890.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -60.972 $\pm$ 0.105 χ^2 /NDF: 3703.6/11

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -14.778 ± 0.188 χ^2/NDF : 246.8/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -16.008 ± 0.189 χ^2/NDF : 295.1/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

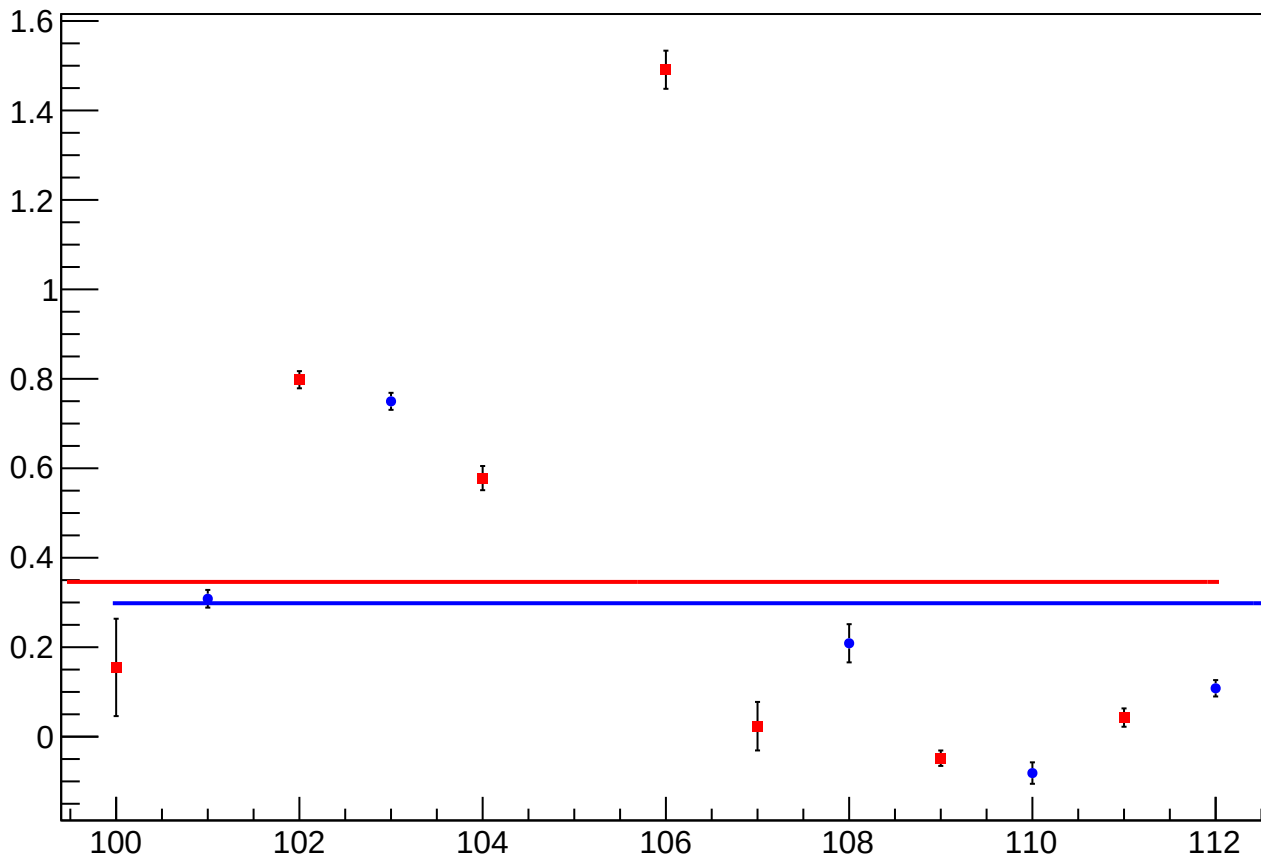
Right: -15.389 ± 0.133 χ^2/NDF : 563.2/11

In: -14.778 ± 0.188 χ^2/NDF : 246.8/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.389 ± 0.133 χ^2/NDF : 563.2/11

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.298 $\pm$ 0.010 χ^2 /NDF: 927.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.346 $\pm$ 0.010 χ^2 /NDF: 2130.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

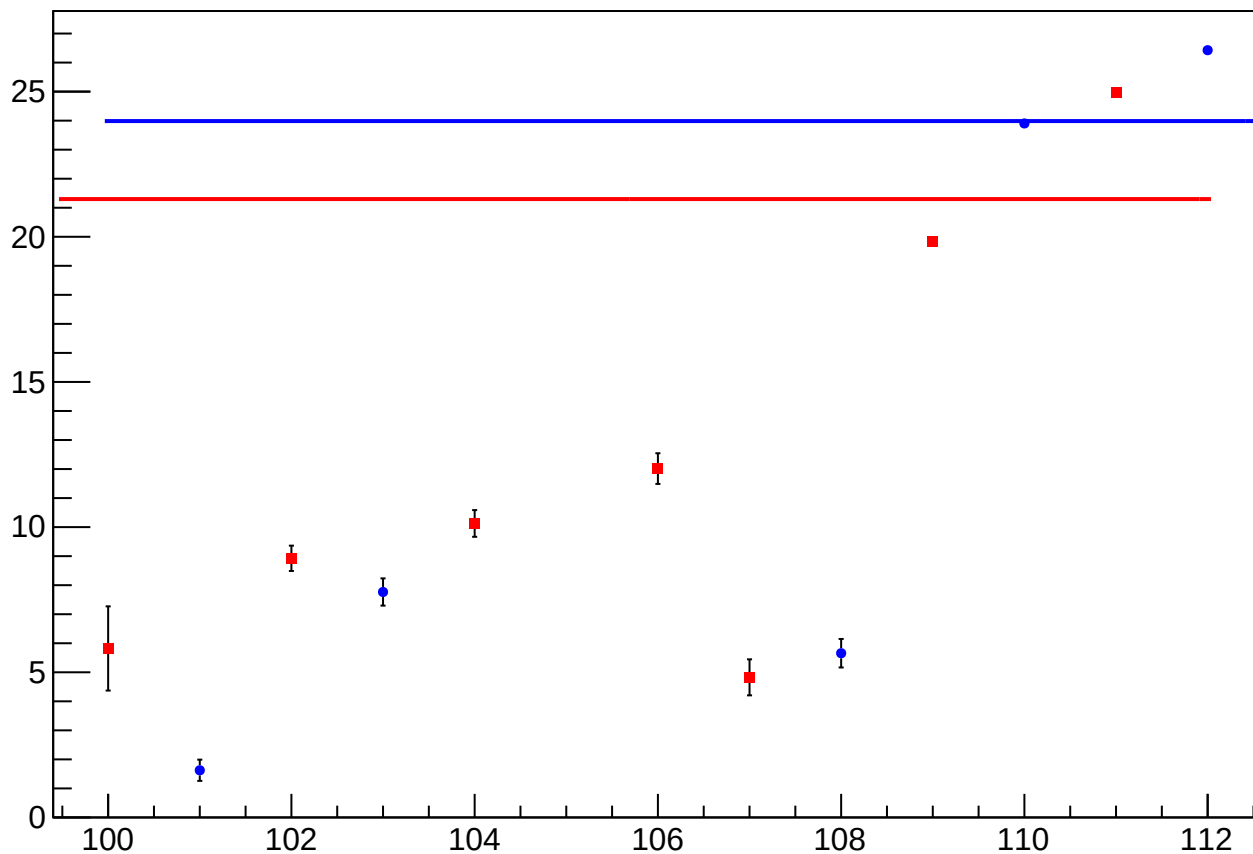
Right: 0.322 $\pm$ 0.007 χ^2 /NDF: 3070.4/11

In: 0.298 $\pm$ 0.010 χ^2 /NDF:927.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.322 $\pm$ 0.007 χ^2 /NDF: 3070.4/11

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 23.985 $\pm$ 0.065 χ^2 /NDF: 7119.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 21.299 $\pm$ 0.057 χ^2 /NDF: 4548.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

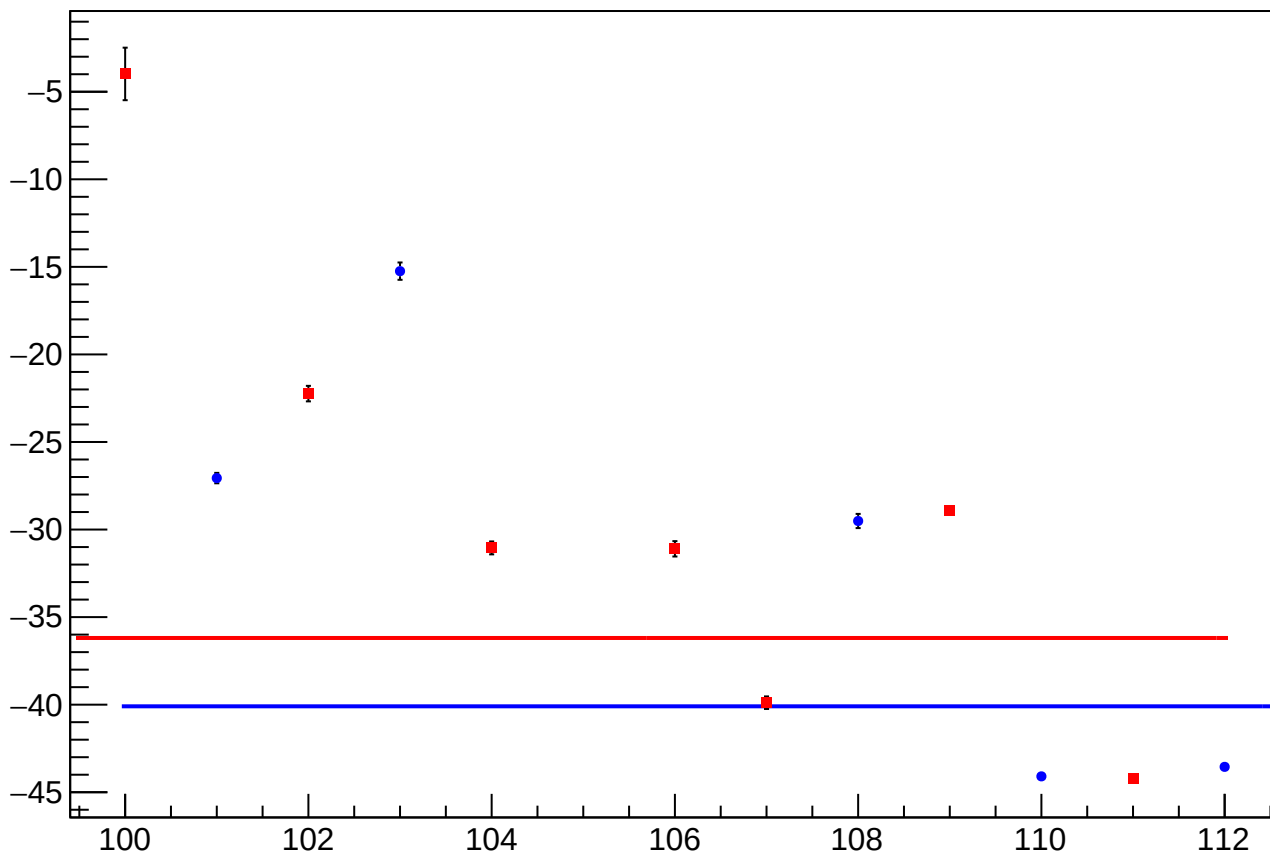
Right: 22.463 $\pm$ 0.043 χ^2 /NDF: 12639.3/11

In: 23.985 $\pm$ 0.065 χ^2 /NDF:7119.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 22.463 $\pm$ 0.043 χ^2 /NDF: 12639.3/11

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -40.094 $\pm$ 0.097 χ^2 /NDF: 6288.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -36.192 $\pm$ 0.096 χ^2 /NDF: 6845.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

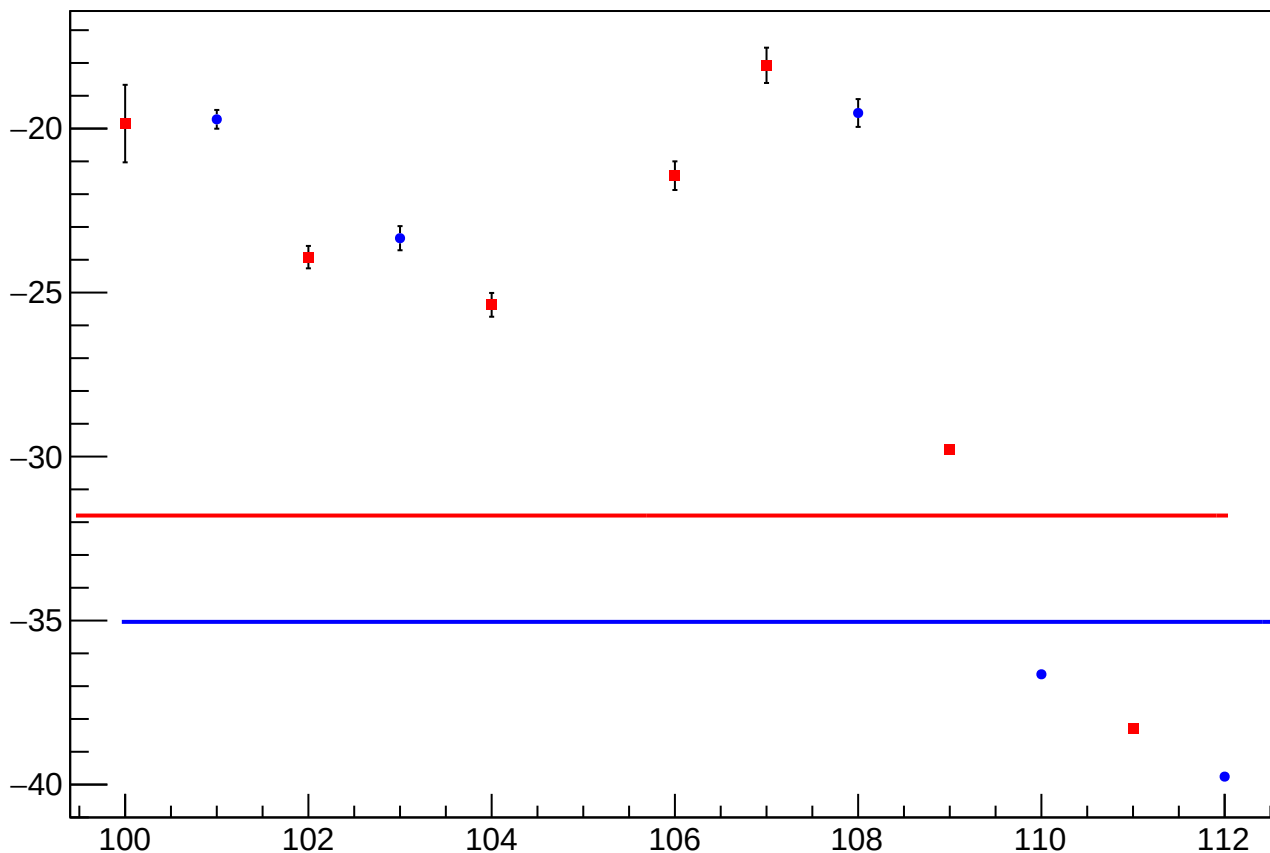
Right: -38.115 $\pm$ 0.068 χ^2 /NDF: 13954.5/11

In: -40.094 $\pm$ 0.097 χ^2 /NDF:6288.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -38.115 $\pm$ 0.068 χ^2 /NDF: 13954.5/11

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -35.039 $\pm$ 0.088 χ^2 /NDF: 6702.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -31.798 $\pm$ 0.081 χ^2 /NDF: 4832.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

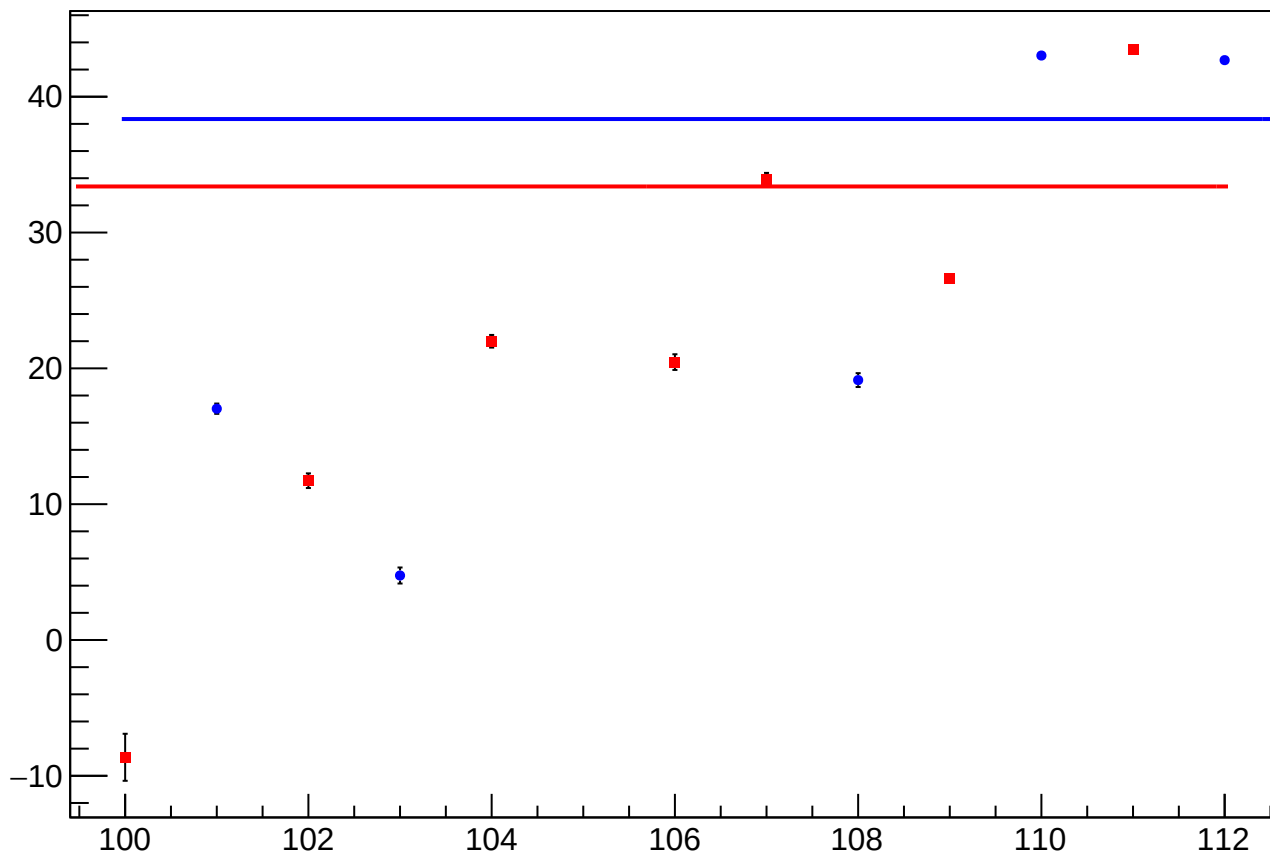
Right: -33.289 $\pm$ 0.060 χ^2 /NDF: 12272.5/11

In: -35.039 $\pm$ 0.088 χ^2 /NDF:6702.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -33.289 $\pm$ 0.060 χ^2 /NDF: 12272.5/11

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 38.357 $\pm$ 0.109 χ^2 /NDF: 9267.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 33.392 $\pm$ 0.105 χ^2 /NDF: 8919.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

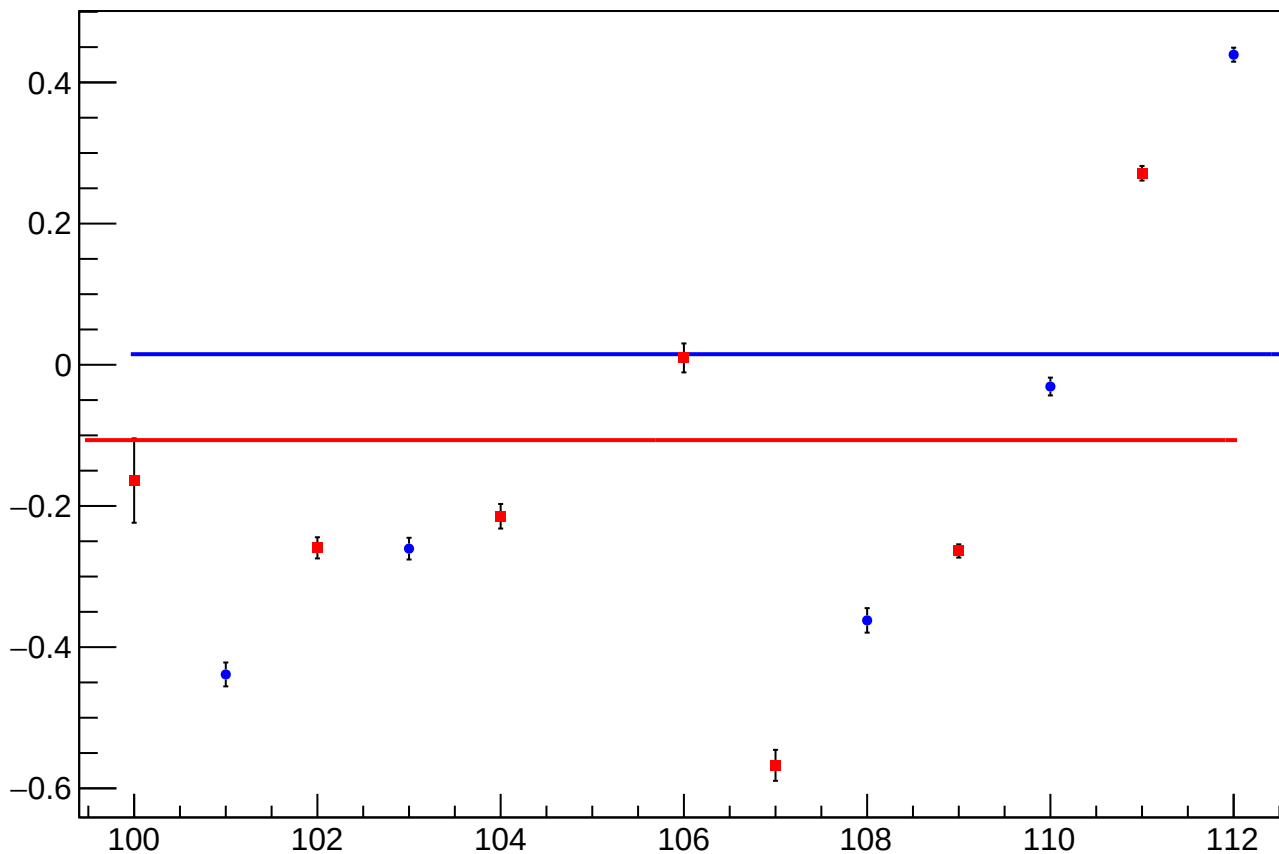
Right: 35.799 $\pm$ 0.076 χ^2 /NDF: 19264.7/11

In: 38.357 $\pm$ 0.109 χ^2 /NDF:9267.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 35.799 $\pm$ 0.076 χ^2 /NDF: 19264.7/11

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.015+/-0.006 χ^2/NDF : 3344.0/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.107+/-0.005 χ^2/NDF : 2223.9/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

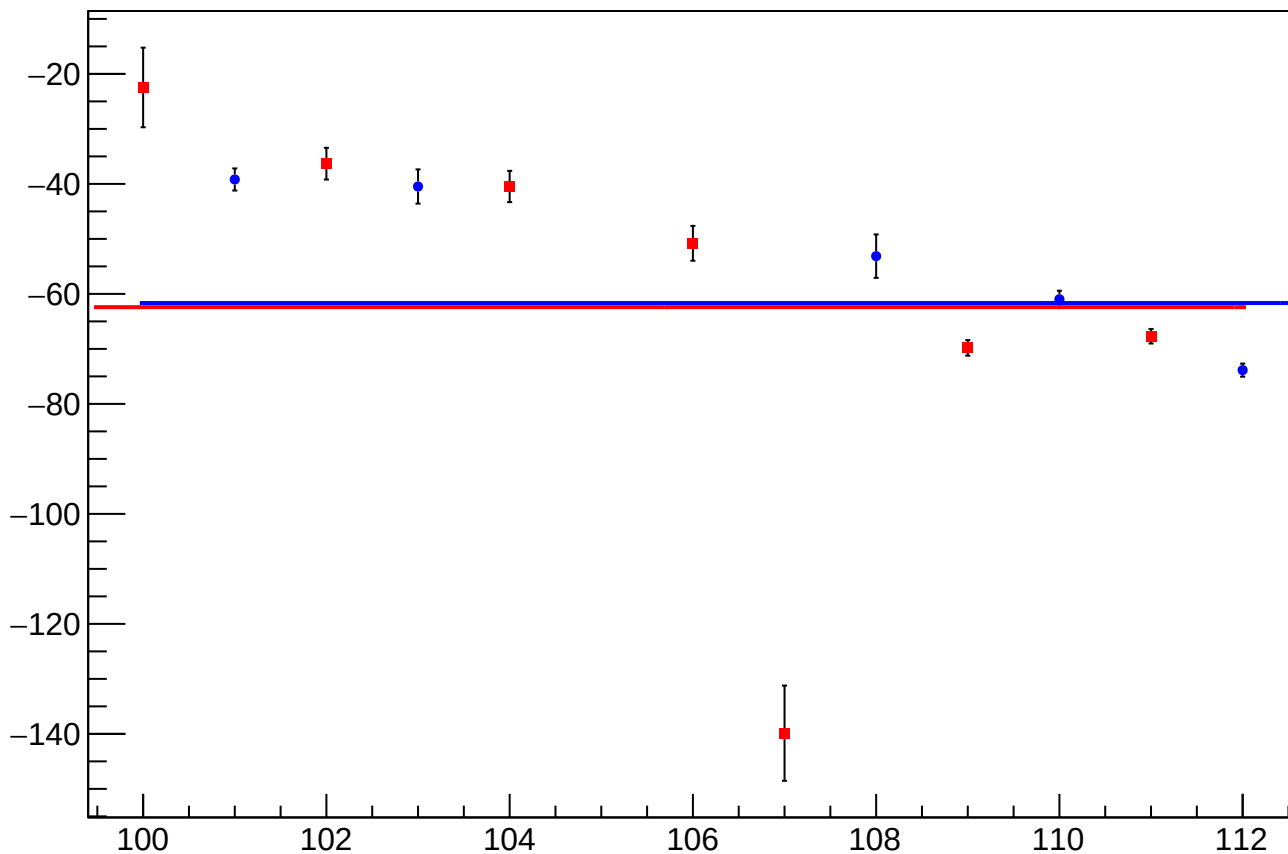
Right: -0.052+/-0.004 χ^2/NDF : 5790.0/11

In: 0.015+/-0.006 χ^2/NDF :3344.0/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.052+/-0.004 χ^2/NDF : 5790.0/11

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -61.661 ± 0.807 χ^2/NDF : 280.9/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -62.412 ± 0.831 χ^2/NDF : 308.5/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

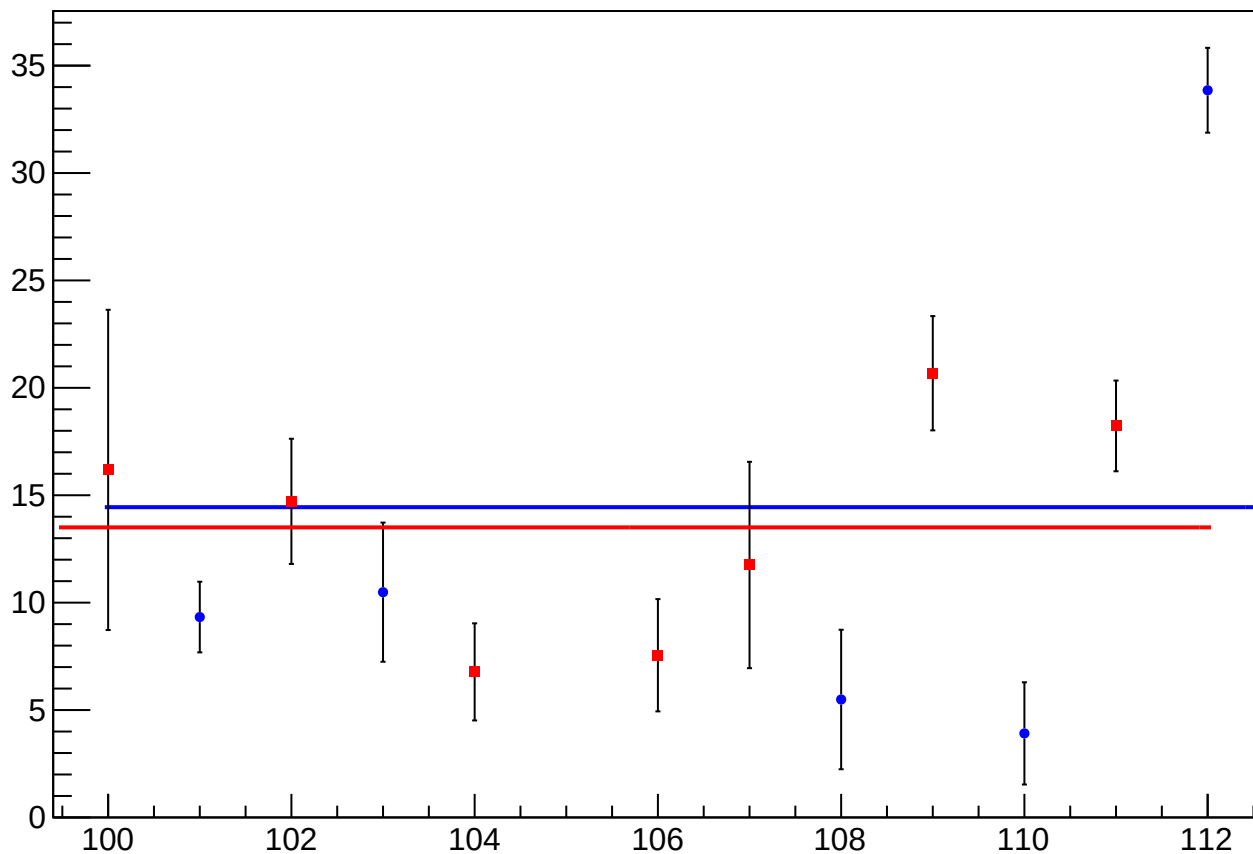
Right: -62.026 ± 0.579 χ^2/NDF : 589.8/11

In: -61.661 ± 0.807 χ^2/NDF : 280.9/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -62.026 ± 0.579 χ^2/NDF : 589.8/11

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.444+/-1.004 χ^2/NDF : 135.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.504+/-1.062 χ^2/NDF : 26.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

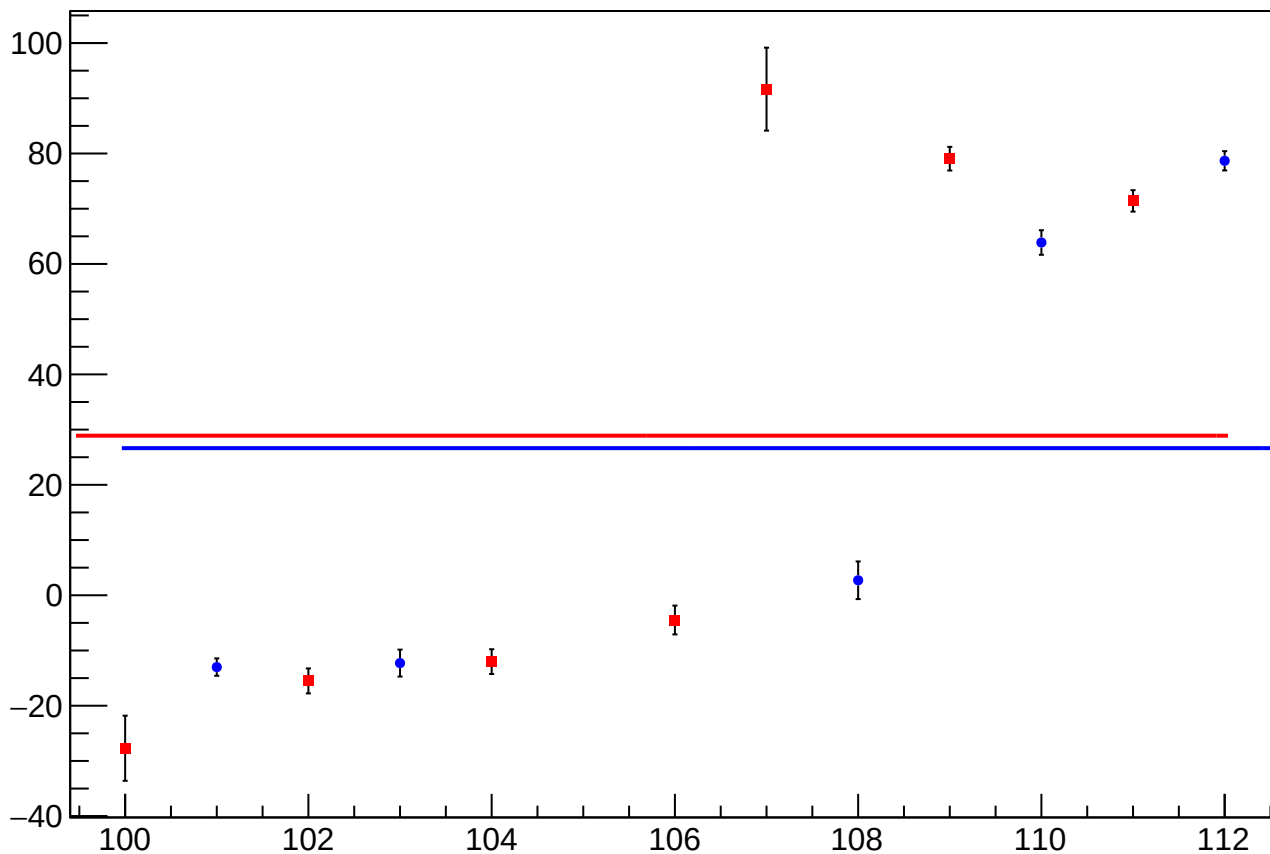
Right: 14.001+/-0.729 χ^2/NDF : 162.2/11

In: 14.444+/-1.004 χ^2/NDF : 135.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.001+/-0.729 χ^2/NDF : 162.2/11

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 26.644+/-0.917 χ^2/NDF : 2107.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.900+/-0.966 χ^2/NDF : 2071.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

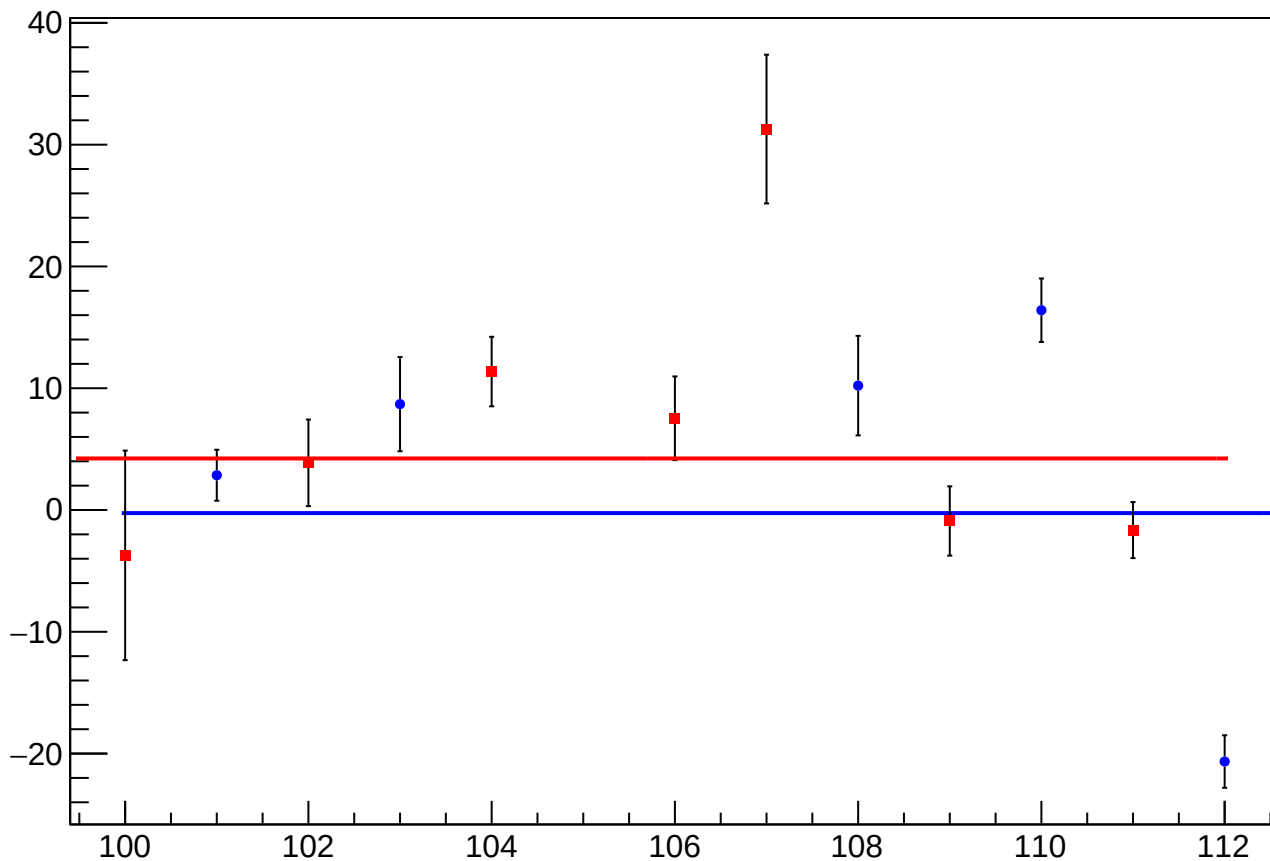
Right: 27.713+/-0.665 χ^2/NDF : 4182.1/11

In: 26.644+/-0.917 χ^2/NDF : 2107.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.713+/-0.665 χ^2/NDF : 4182.1/11

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.254+/-1.181 χ^2/NDF : 144.5/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 4.234+/-1.251 χ^2/NDF : 37.4/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

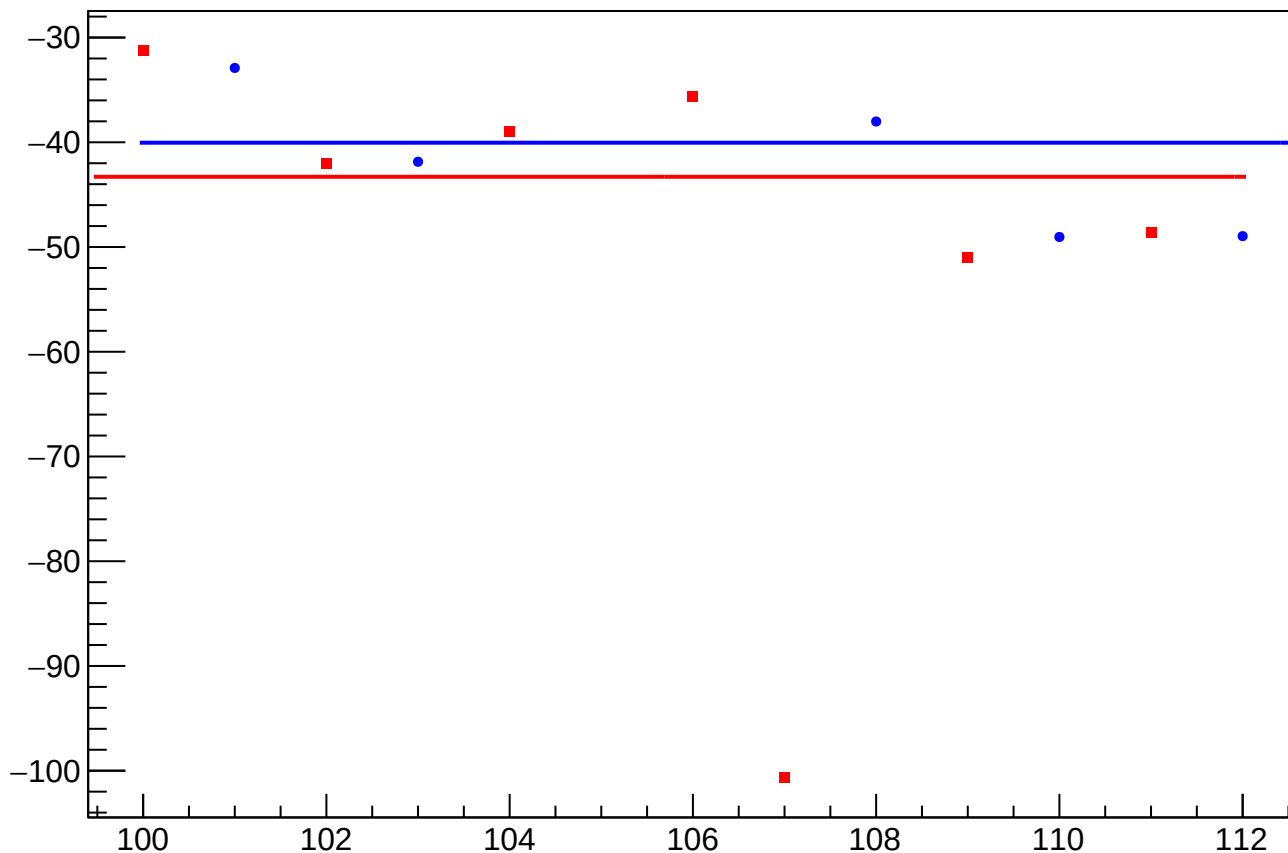
Right: 1.862+/-0.859 χ^2/NDF : 188.7/11

In: -0.254+/-1.181 χ^2/NDF :144.5/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.862+/-0.859 χ^2/NDF : 188.7/11

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.040+/-0.054 χ^2/NDF : 12973.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -43.293+/-0.053 χ^2/NDF : 46310.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

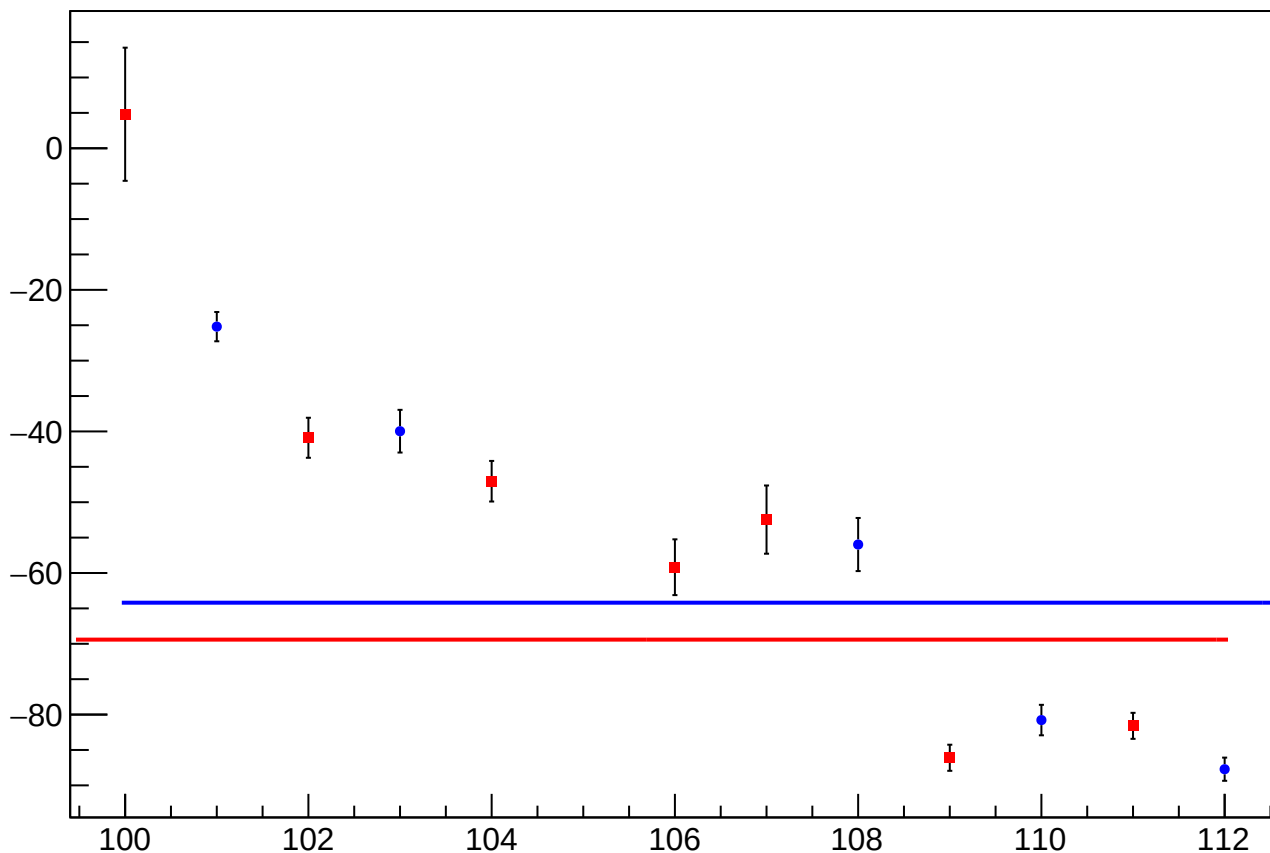
Right: -41.706+/-0.038 χ^2/NDF : 61146.2/11

In: -40.040+/-0.054 χ^2/NDF : 12973.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.706+/-0.038 χ^2/NDF : 61146.2/11

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -64.194 ± 0.998 χ^2/NDF : 690.3/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -69.411 ± 1.023 χ^2/NDF : 369.8/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

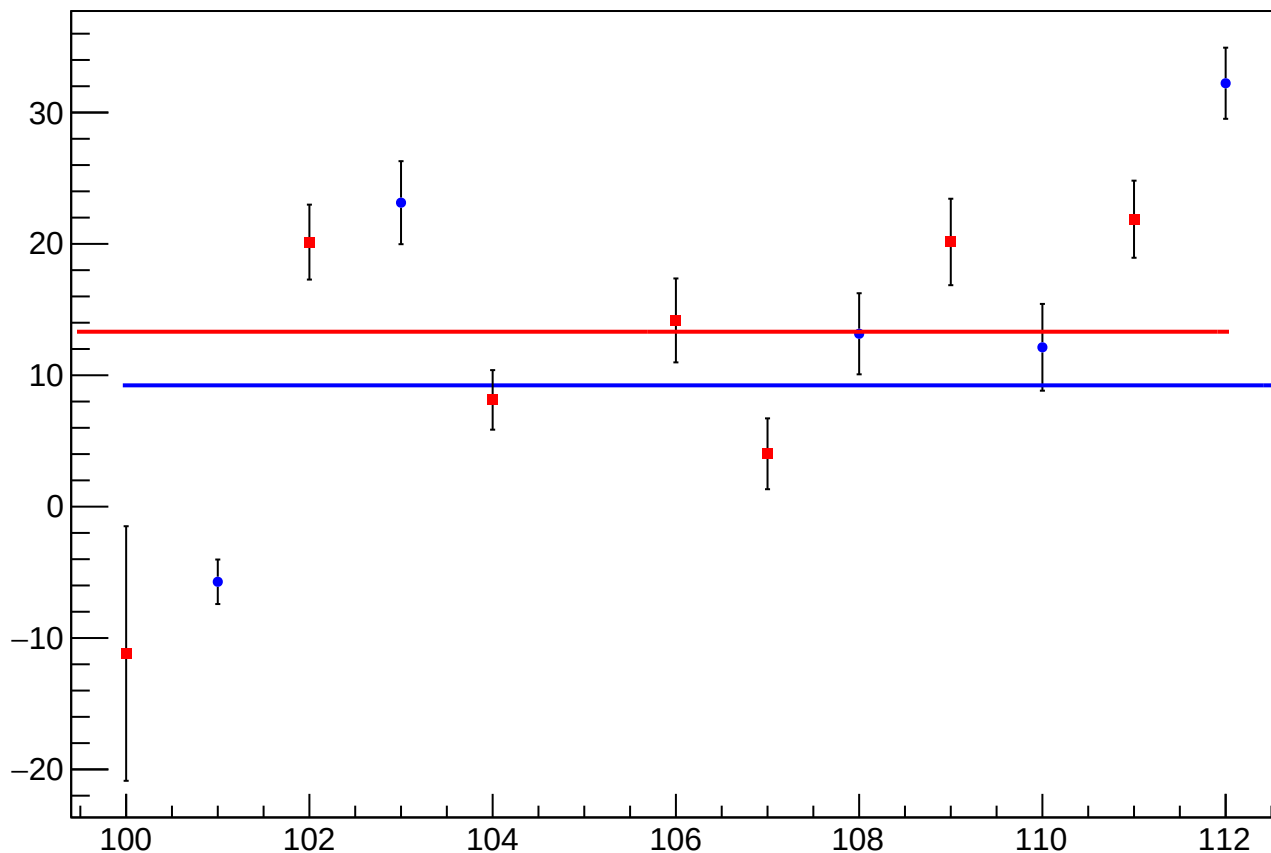
Right: -66.739 ± 0.714 χ^2/NDF : 1073.4/11

In: -64.194 ± 0.998 χ^2/NDF : 690.3/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -66.739 ± 0.714 χ^2/NDF : 1073.4/11

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.233+/-1.131 χ^2/NDF : 171.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.315+/-1.138 χ^2/NDF : 42.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

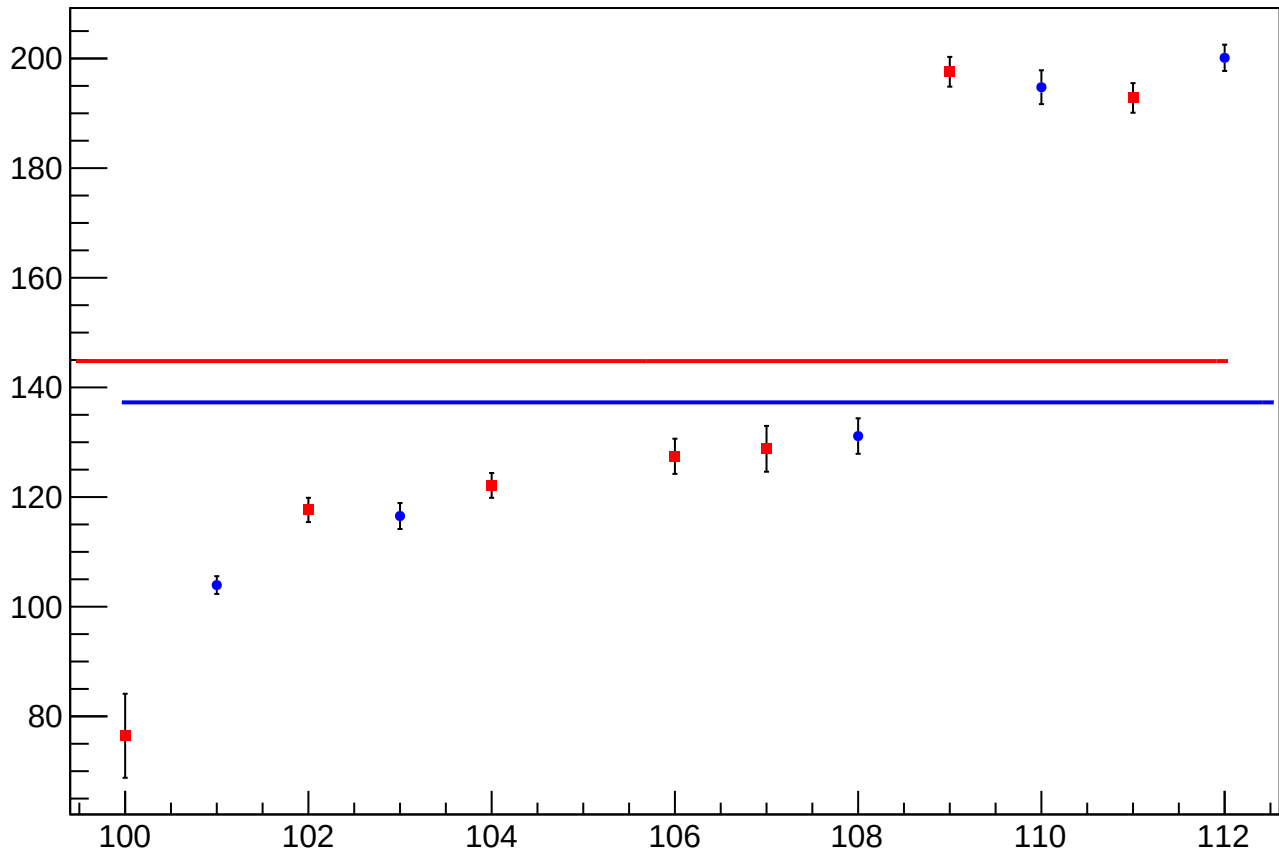
Right: 11.262+/-0.802 χ^2/NDF : 220.3/11

In: 9.233+/-1.131 χ^2/NDF : 171.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.262+/-0.802 χ^2/NDF : 220.3/11

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 137.271+/-1.035 χ^2/NDF : 1538.8/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 144.803+/-1.089 χ^2/NDF : 1067.4/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

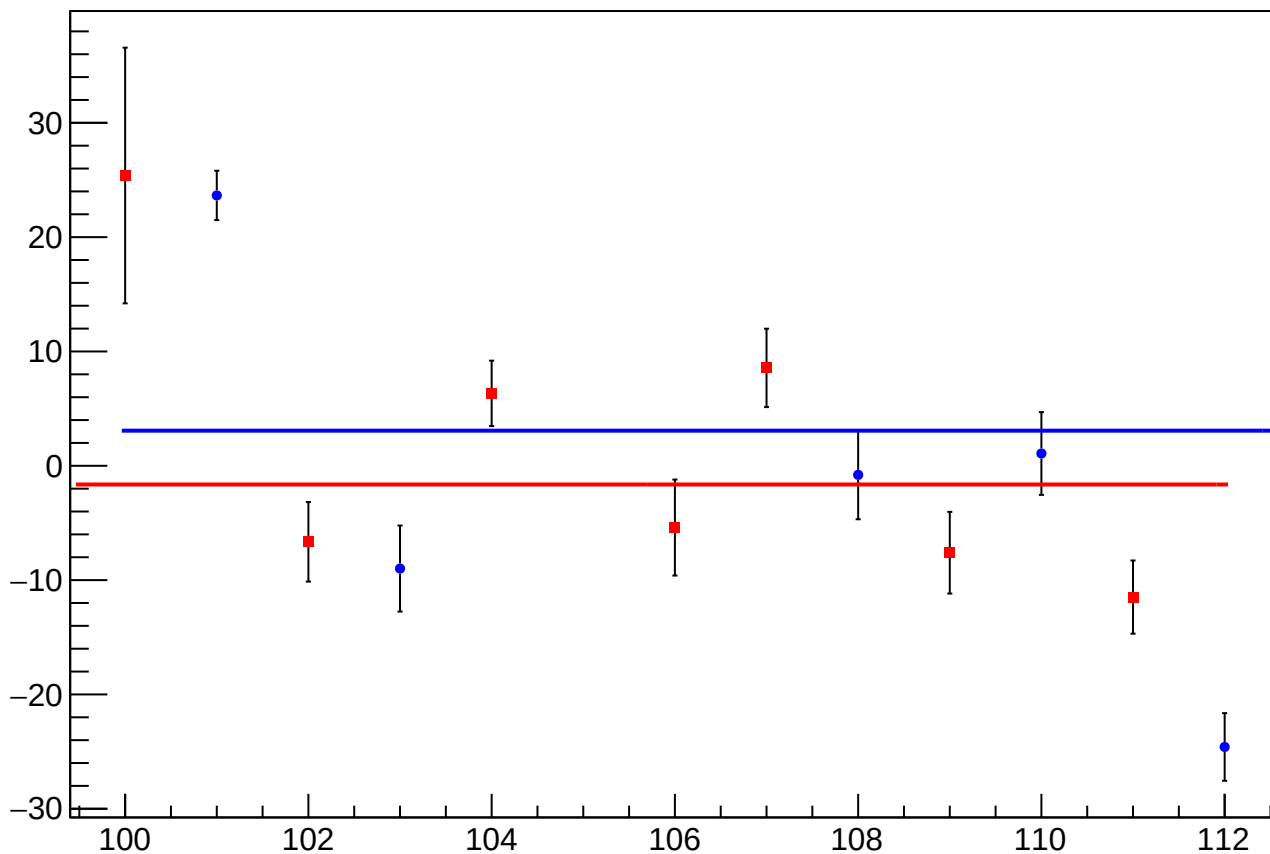
Right: 140.844+/-0.750 χ^2/NDF : 2631.3/11

In: 137.271+/-1.035 χ^2/NDF :1538.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 140.844+/-0.750 χ^2/NDF : 2631.3/11

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.072+/-1.358 χ^2/NDF : 189.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.636+/-1.373 χ^2/NDF : 37.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

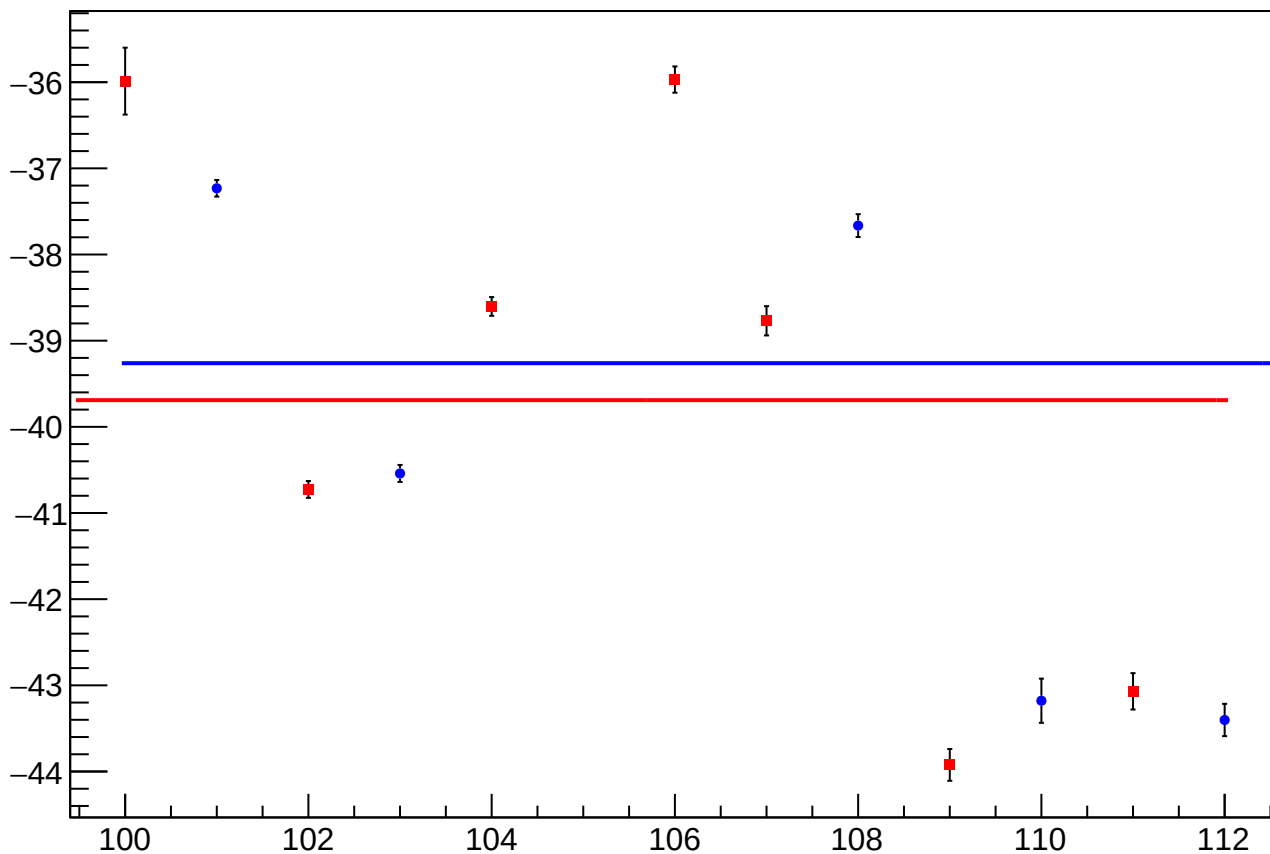
Right: 0.744+/-0.966 χ^2/NDF : 233.5/11

In: 3.072+/-1.358 χ^2/NDF : 189.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.744+/-0.966 χ^2/NDF : 233.5/11

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.261 $\pm$ 0.057 χ^2 /NDF: 1475.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -39.690 $\pm$ 0.055 χ^2 /NDF: 1711.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

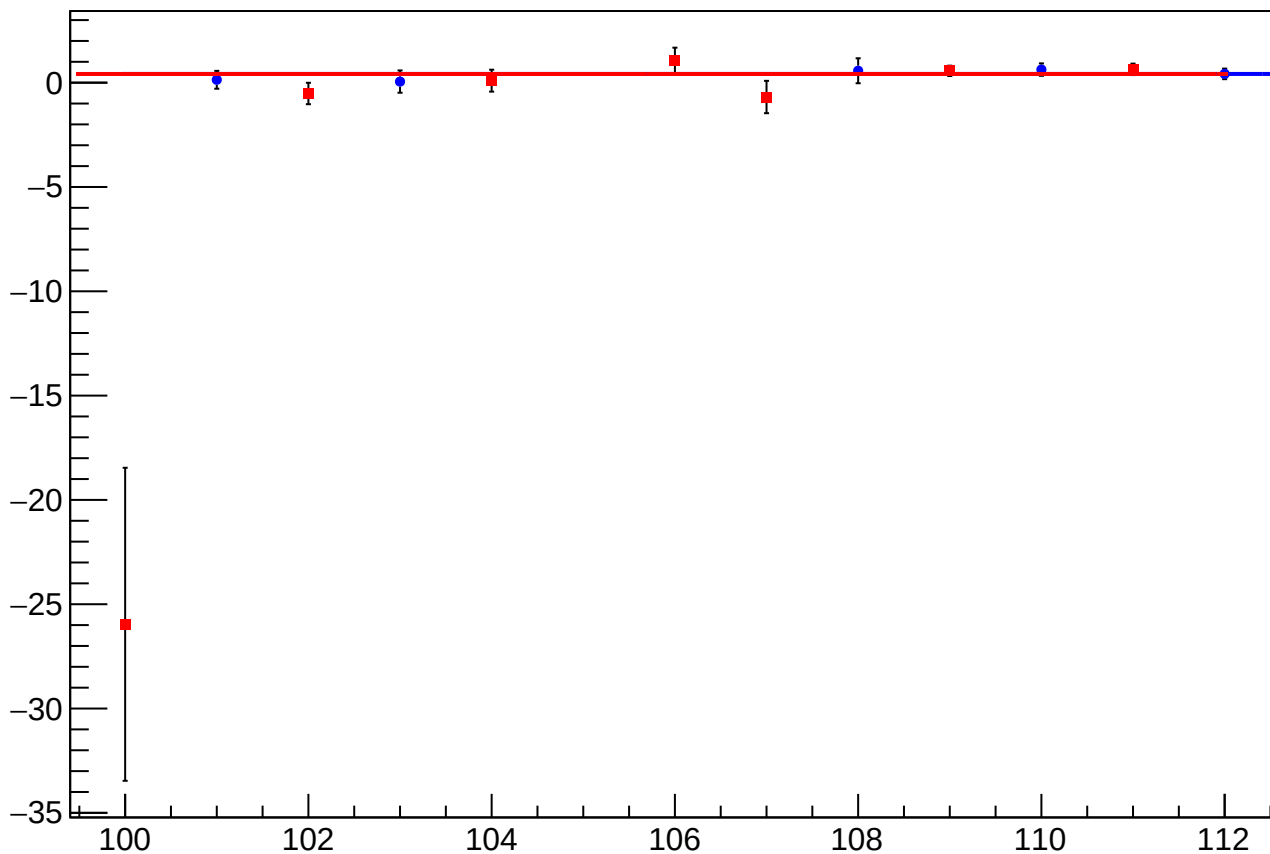
Right: -39.481 $\pm$ 0.040 χ^2 /NDF: 3216.2/11

In: -39.261 $\pm$ 0.057 χ^2 /NDF: 1475.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -39.481 $\pm$ 0.040 χ^2 /NDF: 3216.2/11

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.419+/-0.161 χ^2/NDF : 1.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.417+/-0.156 χ^2/NDF : 20.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

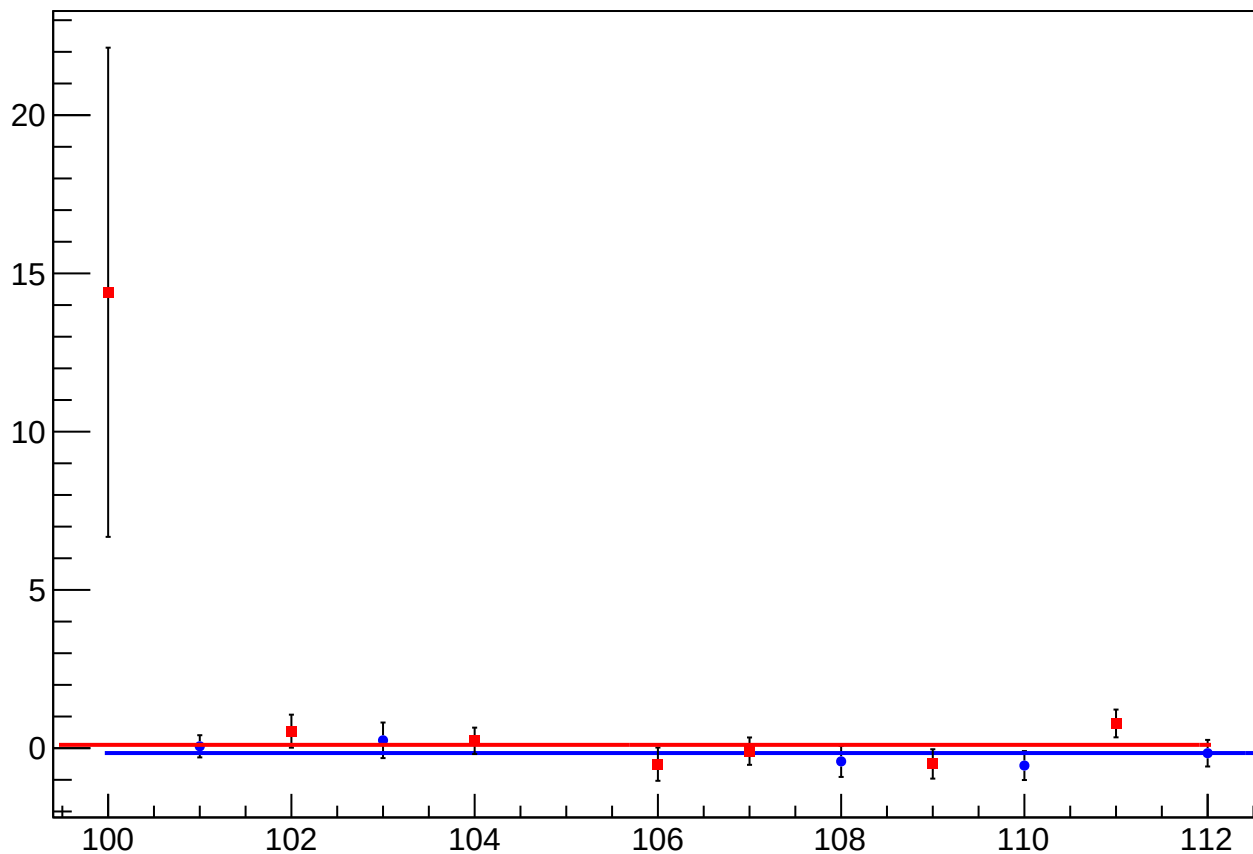
Right: 0.418+/-0.112 χ^2/NDF : 21.6/11

In: 0.419+/-0.161 χ^2/NDF : 1.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.418+/-0.112 χ^2/NDF : 21.6/11

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.154+/-0.196 χ^2/NDF : 1.9/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.105+/-0.188 χ^2/NDF : 9.8/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

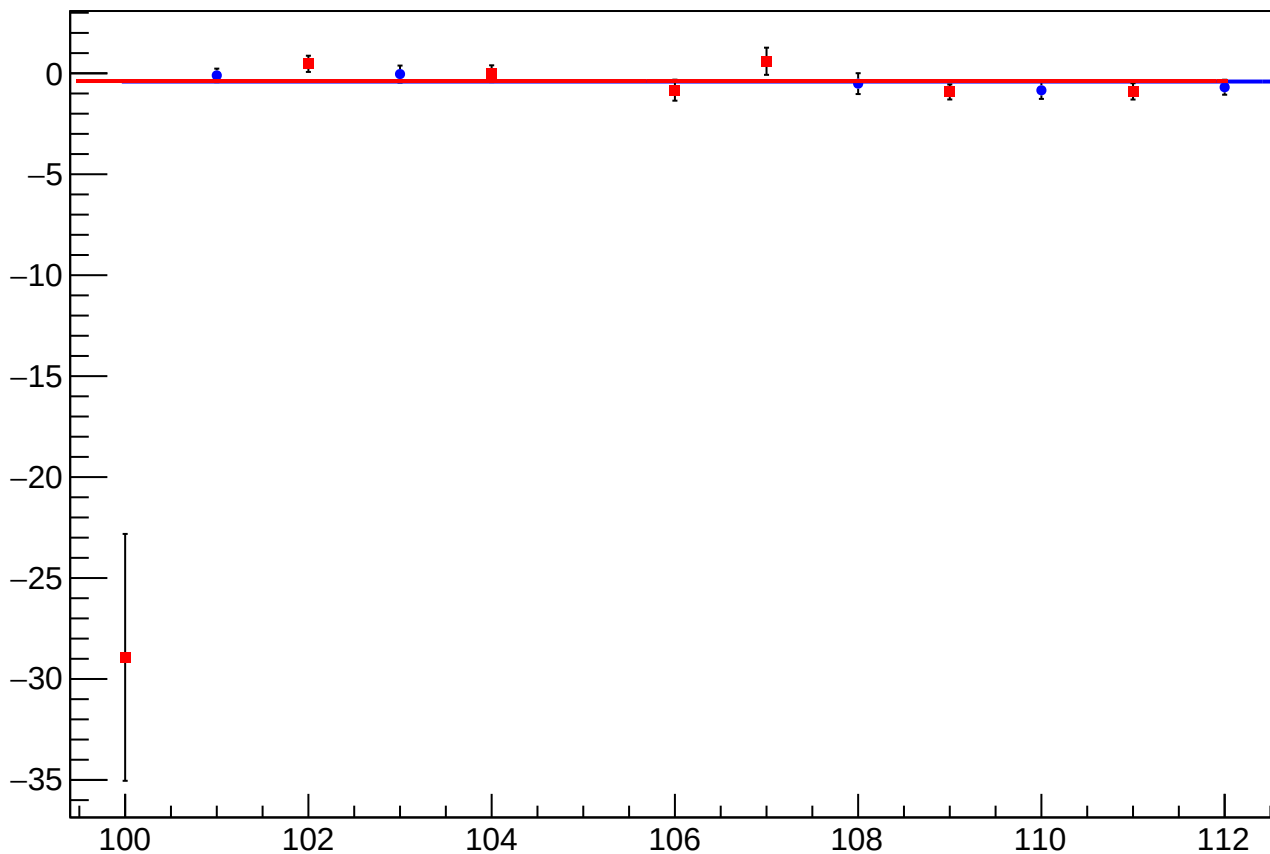
Right: -0.019+/-0.136 χ^2/NDF : 12.7/11

In: -0.154+/-0.196 χ^2/NDF :1.9/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.019+/-0.136 χ^2/NDF : 12.7/11

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.408 ± 0.179 χ^2/NDF : 3.2/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.382 ± 0.179 χ^2/NDF : 33.7/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

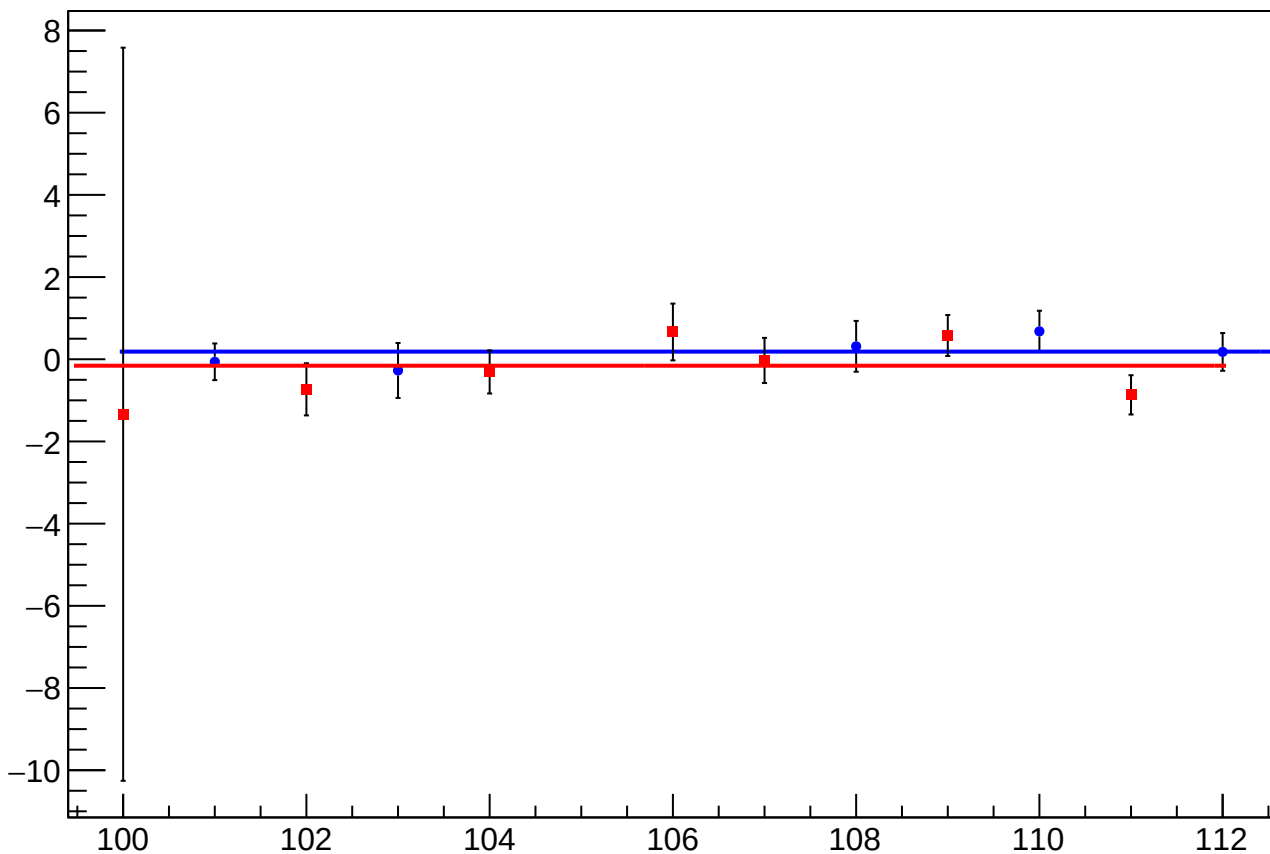
Right: -0.395 ± 0.127 χ^2/NDF : 37.0/11

In: -0.408 ± 0.179 χ^2/NDF : 3.2/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.395 ± 0.127 χ^2/NDF : 37.0/11

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.186+/-0.232 χ^2/NDF : 1.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.157+/-0.224 χ^2/NDF : 6.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

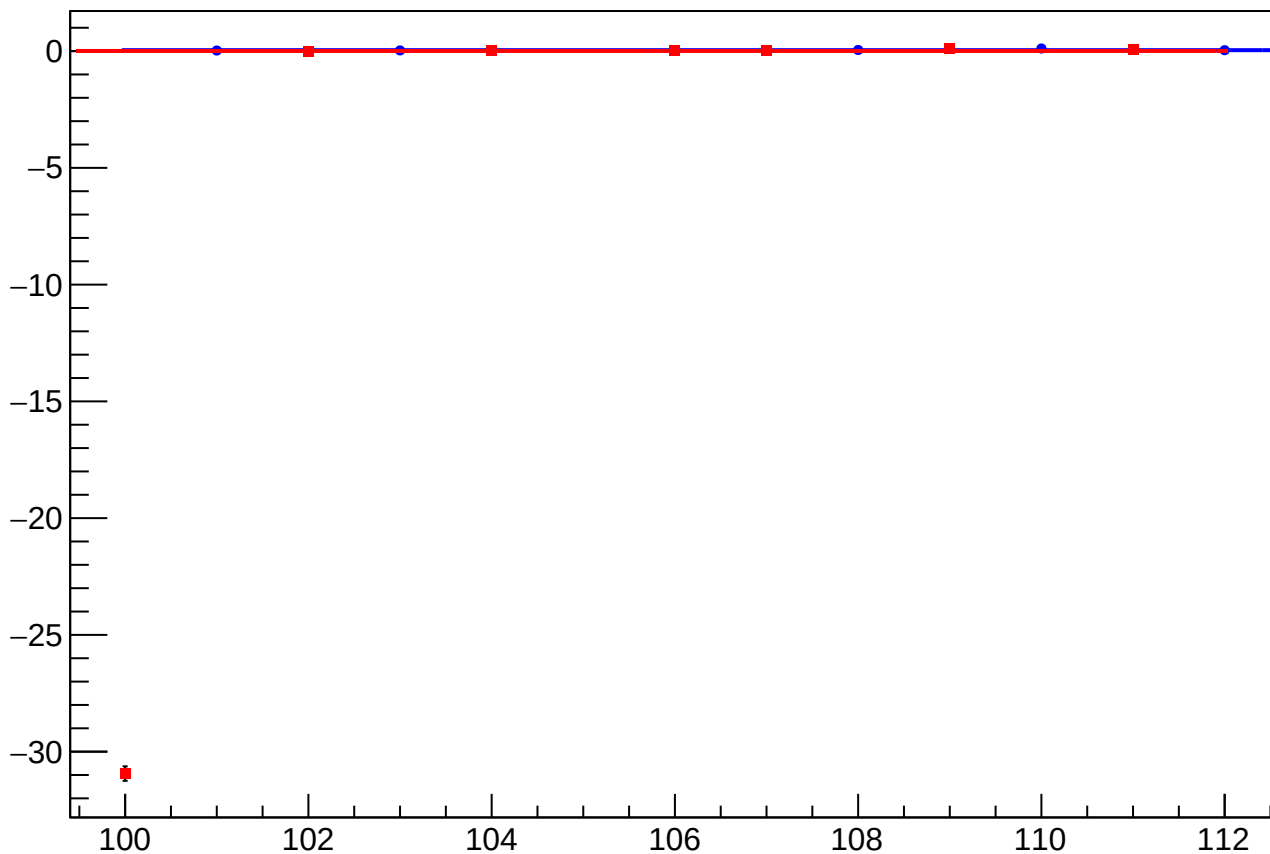
Right: 0.009+/-0.161 χ^2/NDF : 9.7/11

In: 0.186+/-0.232 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.161 χ^2/NDF : 9.7/11

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.040 $\pm$ 0.010 χ^2 /NDF: 5.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.006 $\pm$ 0.009 χ^2 /NDF: 10000.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

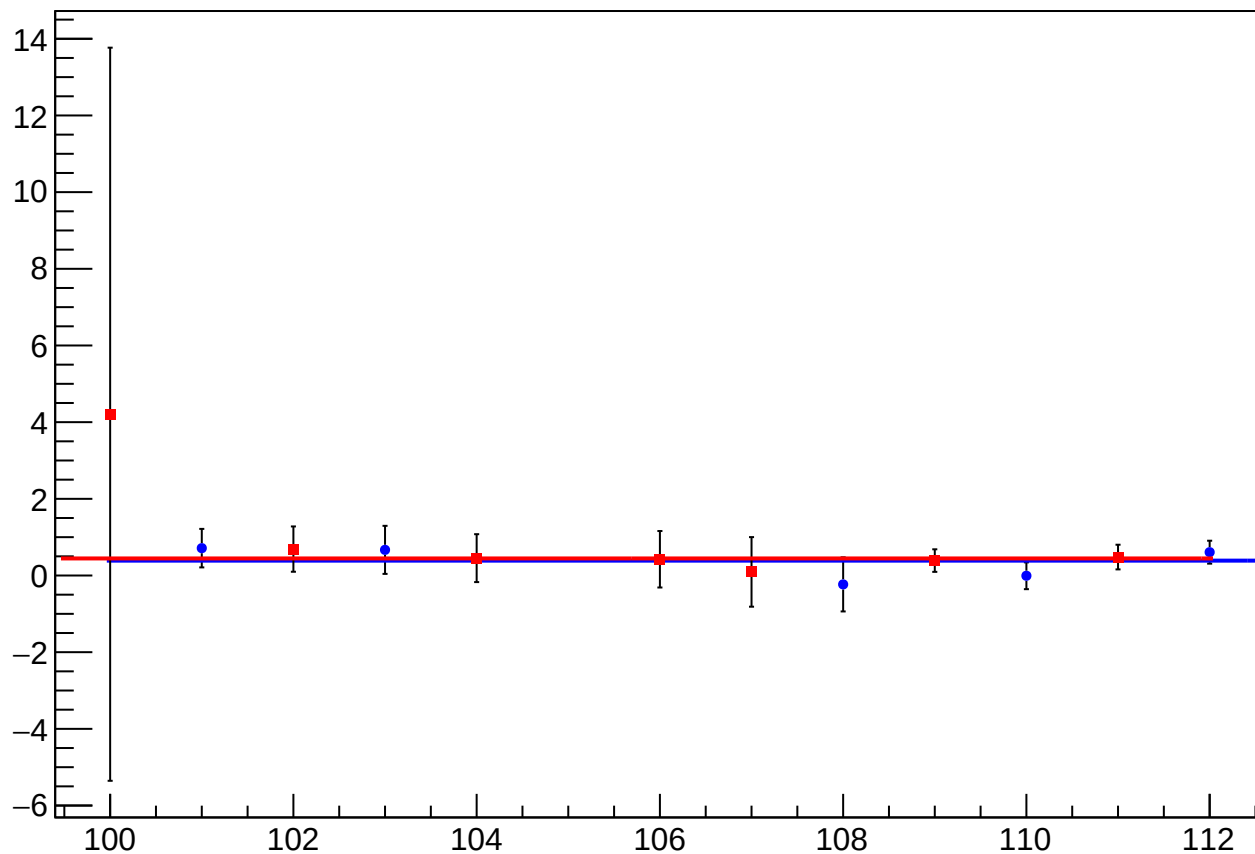
Right: 0.022 $\pm$ 0.007 χ^2 /NDF: 10011.7/11

In: 0.040 $\pm$ 0.010 χ^2 /NDF: 5.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.022 $\pm$ 0.007 χ^2 /NDF: 10011.7/11

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.388 $\pm$ 0.189 χ^2 /NDF: 3.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.445 $\pm$ 0.183 χ^2 /NDF: 0.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

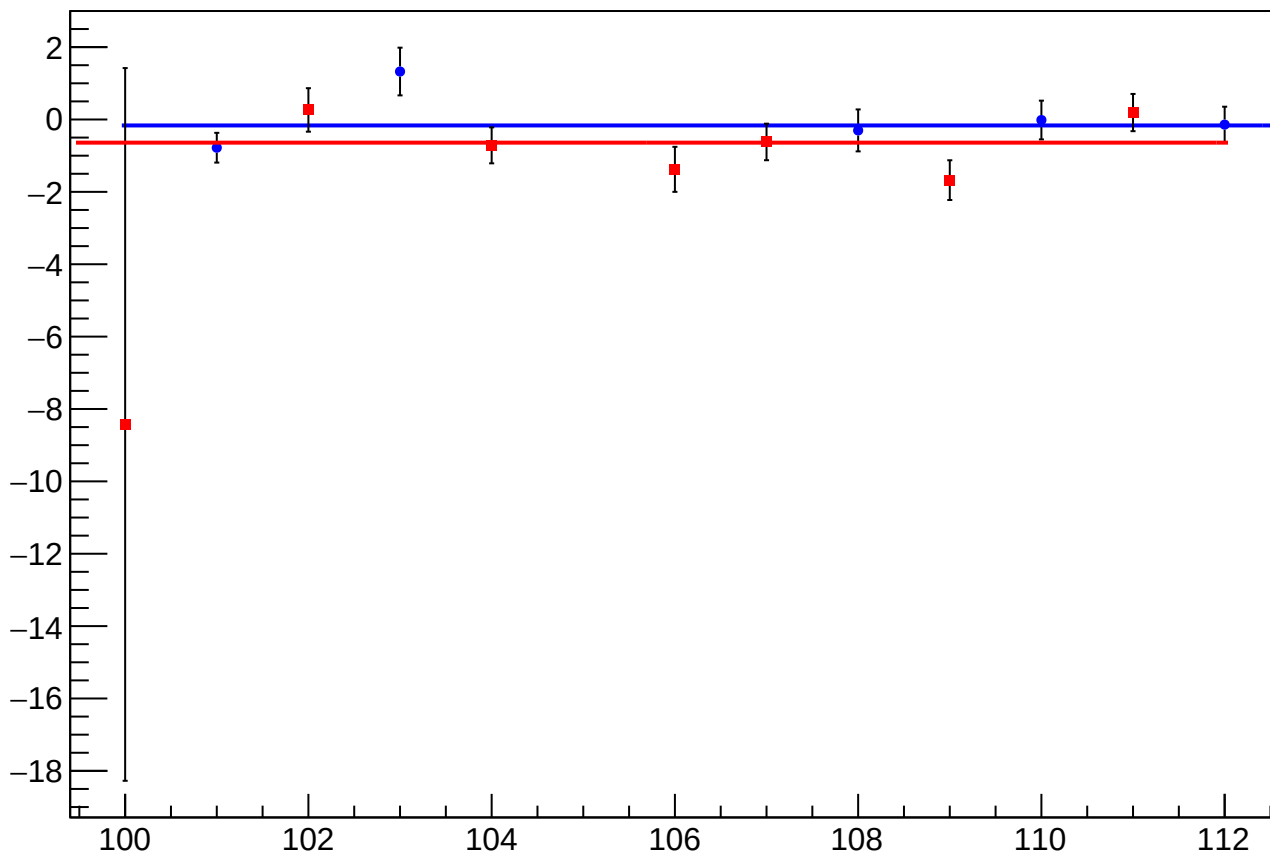
Right: 0.417 $\pm$ 0.132 χ^2 /NDF: 3.8/11

In: 0.388 $\pm$ 0.189 χ^2 /NDF:3.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.417 $\pm$ 0.132 χ^2 /NDF: 3.8/11

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.165+/-0.231 χ^2/NDF : 7.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.640+/-0.221 χ^2/NDF : 10.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

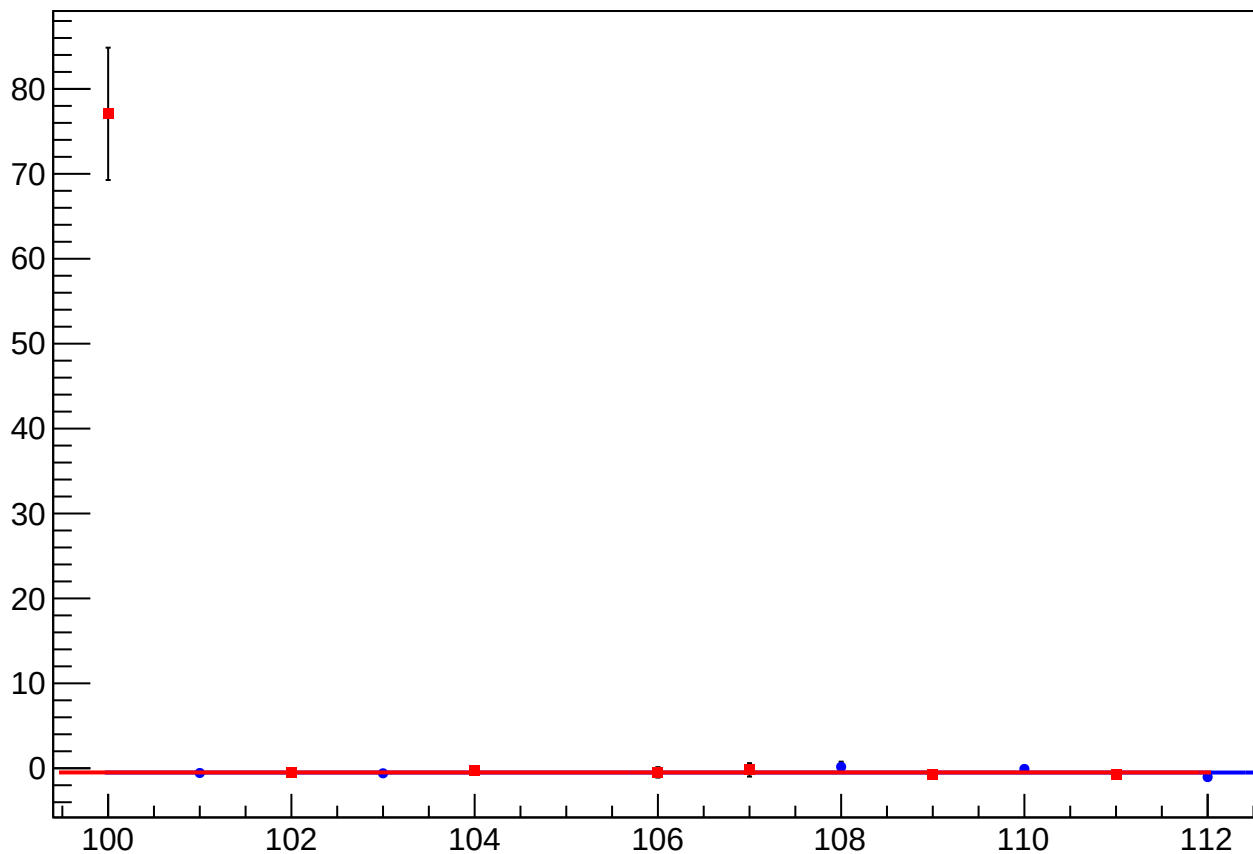
Right: -0.413+/-0.160 χ^2/NDF : 20.2/11

In: -0.165+/-0.231 χ^2/NDF : 7.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.413+/-0.160 χ^2/NDF : 20.2/11

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.505 ± 0.211 χ^2/NDF : 3.5/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.494 ± 0.210 χ^2/NDF : 100.0/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

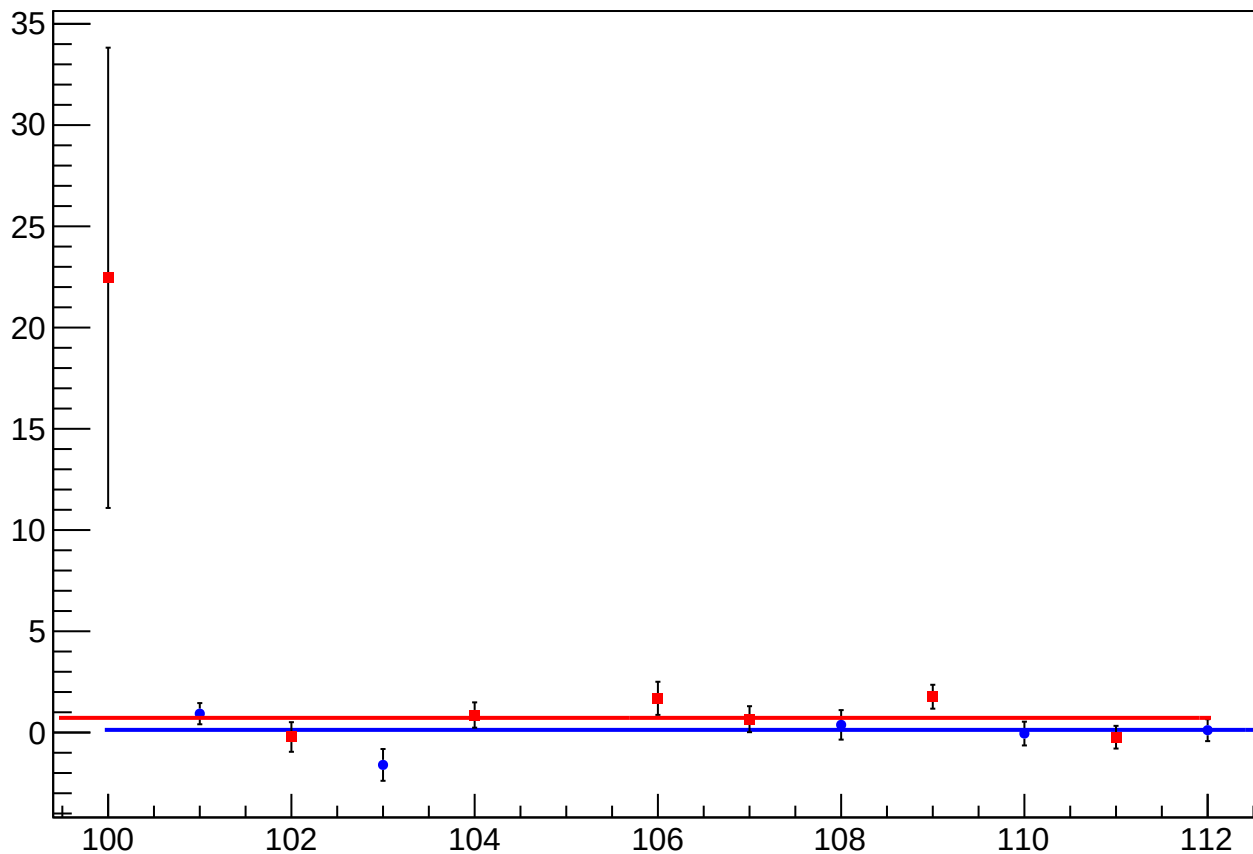
Right: -0.499 ± 0.149 χ^2/NDF : 103.4/11

In: -0.505 ± 0.211 χ^2/NDF : 3.5/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.499 ± 0.149 χ^2/NDF : 103.4/11

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.130+/-0.272 χ^2/NDF : 7.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.724+/-0.263 χ^2/NDF : 12.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

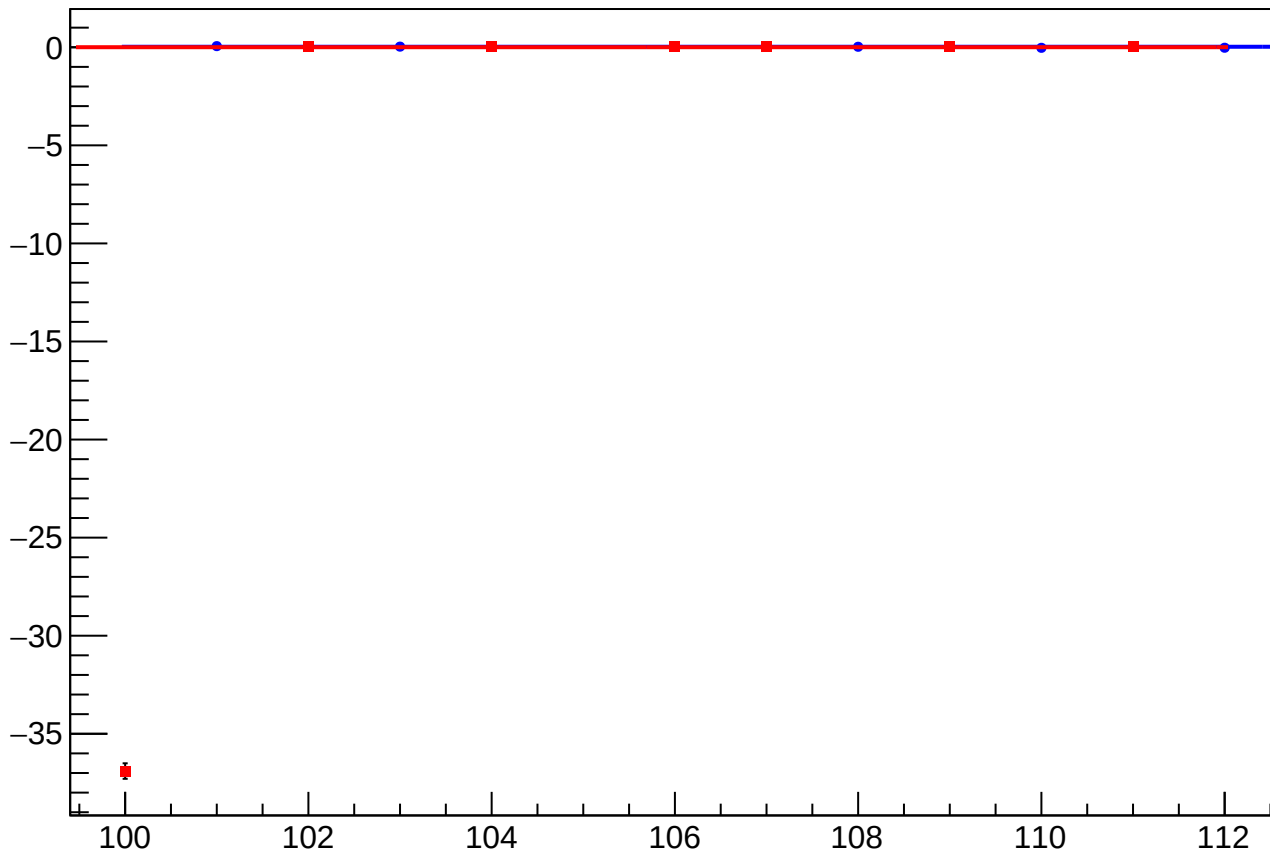
Right: 0.437+/-0.189 χ^2/NDF : 22.7/11

In: 0.130+/-0.272 χ^2/NDF : 7.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.437+/-0.189 χ^2/NDF : 22.7/11

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.026+/-0.012 χ^2/NDF : 5.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.011 χ^2/NDF : 8743.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

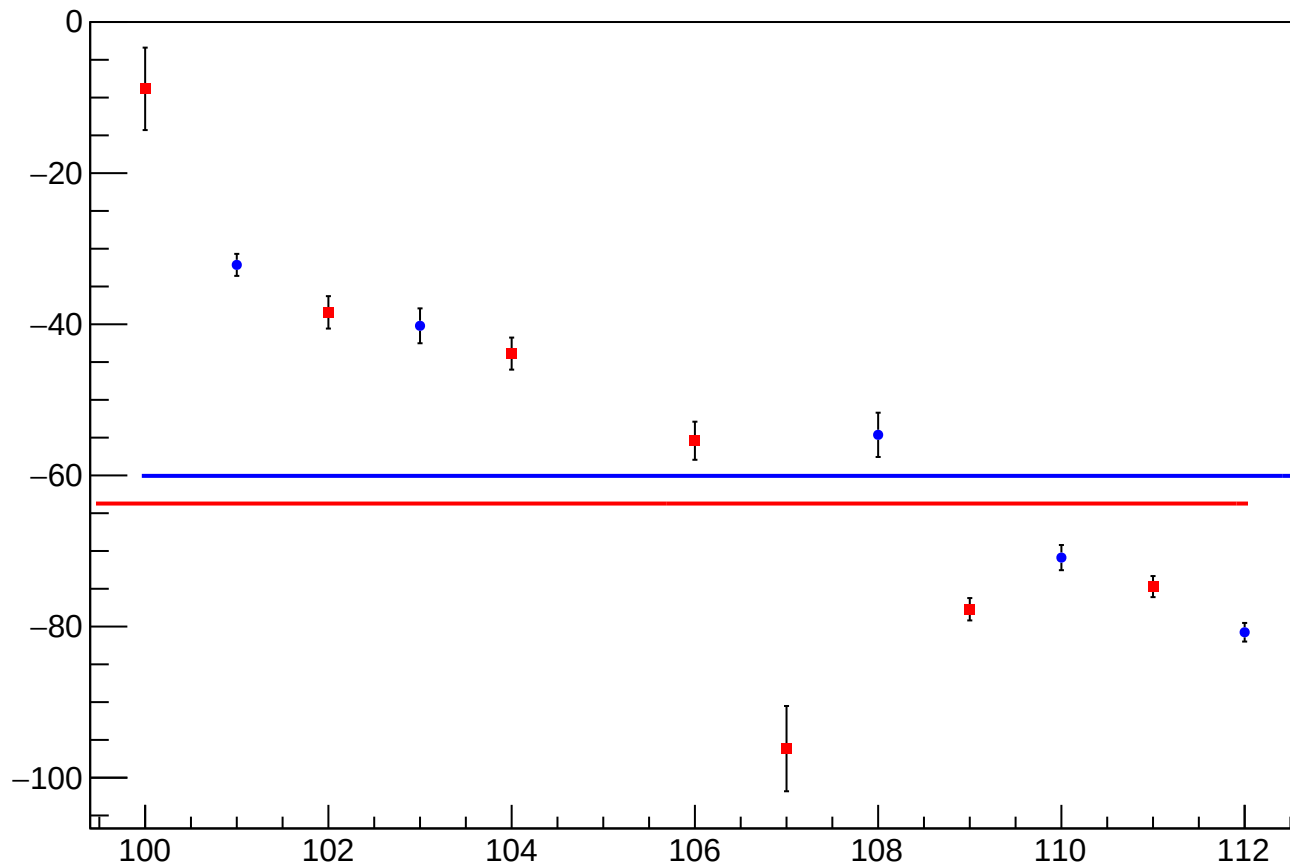
Right: 0.014+/-0.008 χ^2/NDF : 8750.8/11

In: 0.026+/-0.012 χ^2/NDF : 5.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.008 χ^2/NDF : 8750.8/11

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -60.059 ± 0.747 χ^2/NDF : 769.0/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -63.722 ± 0.783 χ^2/NDF : 523.2/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

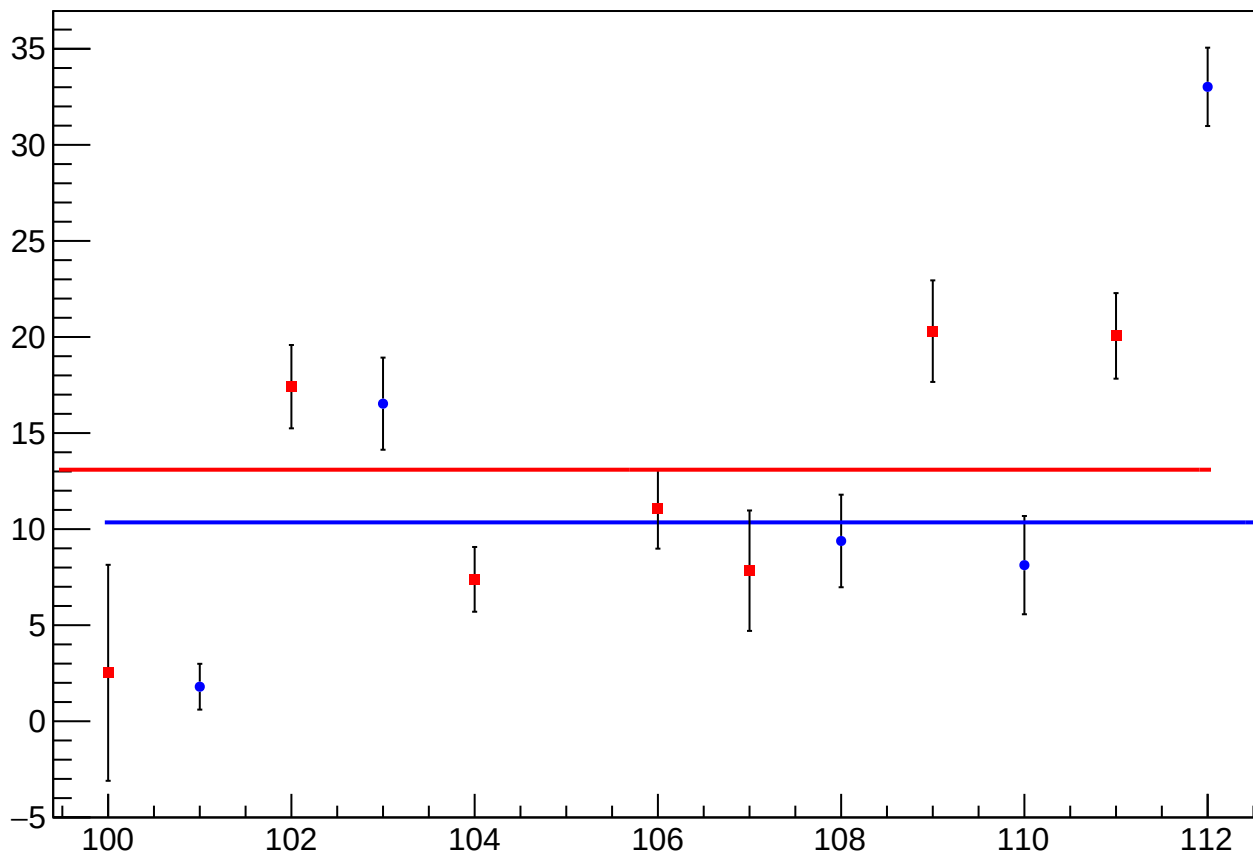
Right: -61.804 ± 0.540 χ^2/NDF : 1303.6/11

In: -60.059 ± 0.747 χ^2/NDF : 769.0/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -61.804 ± 0.540 χ^2/NDF : 1303.6/11

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.351+/-0.832 χ^2/NDF : 182.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.093+/-0.885 χ^2/NDF : 40.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

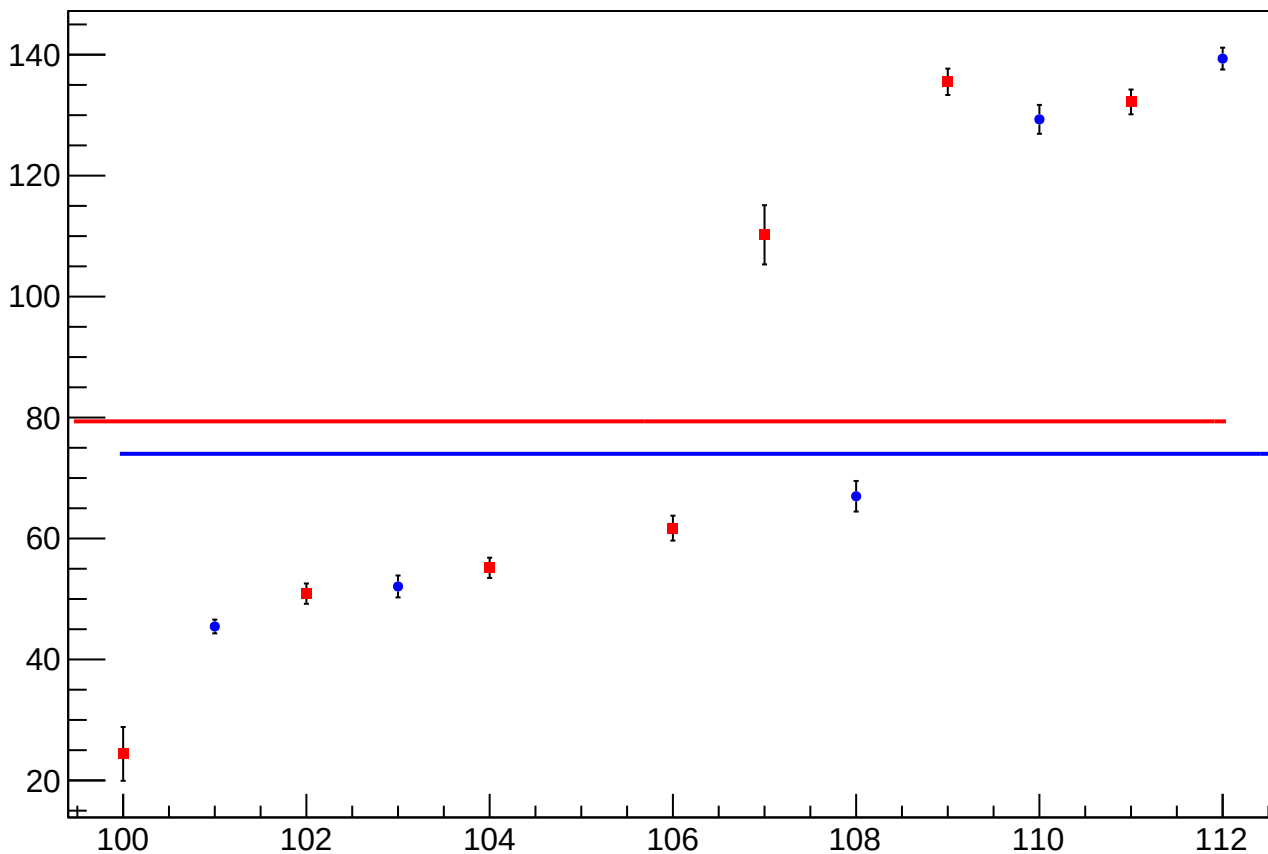
Right: 11.638+/-0.606 χ^2/NDF : 227.7/11

In: 10.351+/-0.832 χ^2/NDF : 182.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.638+/-0.606 χ^2/NDF : 227.7/11

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.007+/-0.764 χ^2/NDF : 2629.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.371+/-0.820 χ^2/NDF : 2090.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

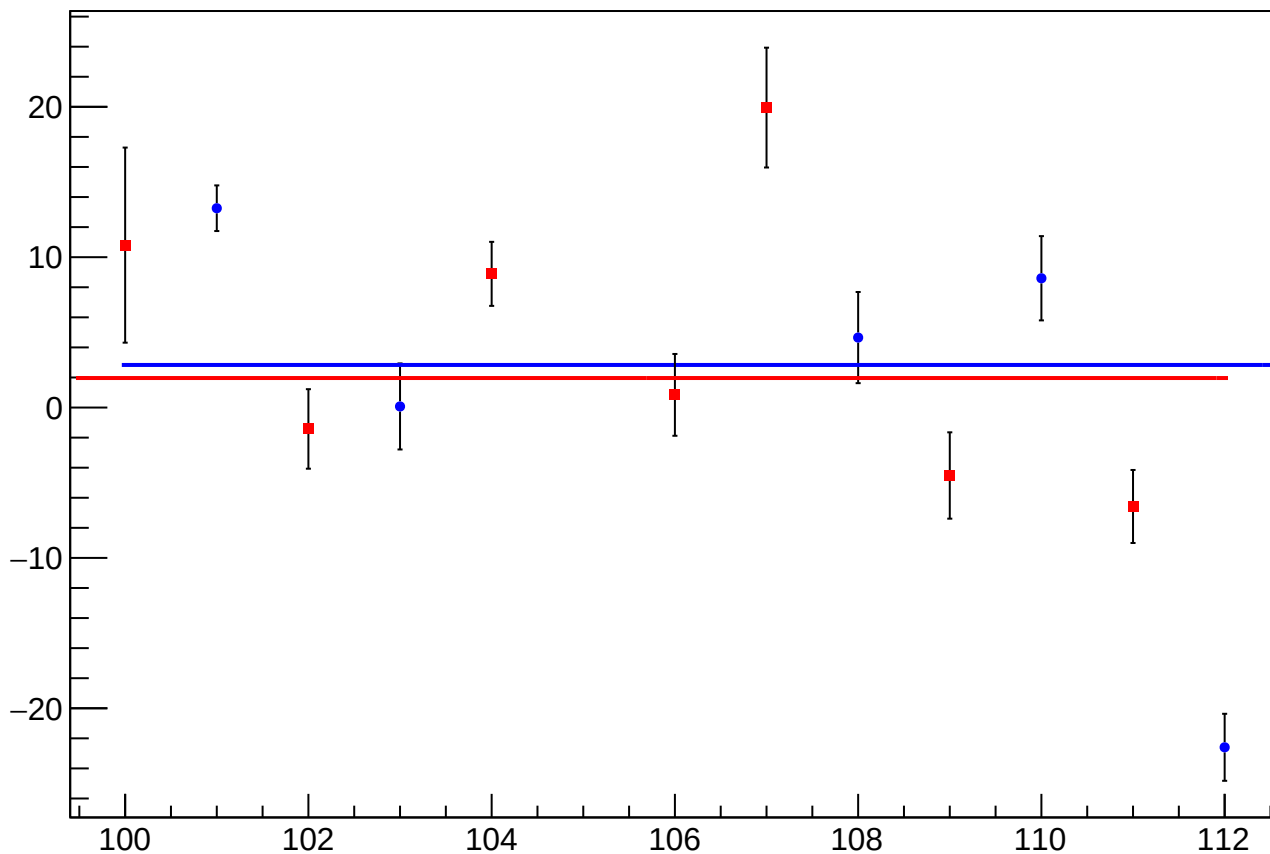
Right: 76.500+/-0.559 χ^2/NDF : 4743.3/11

In: 74.007+/-0.764 χ^2/NDF : 2629.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.500+/-0.559 χ^2/NDF : 4743.3/11

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.833+/-1.003 χ^2/NDF : 183.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.964+/-1.068 χ^2/NDF : 52.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

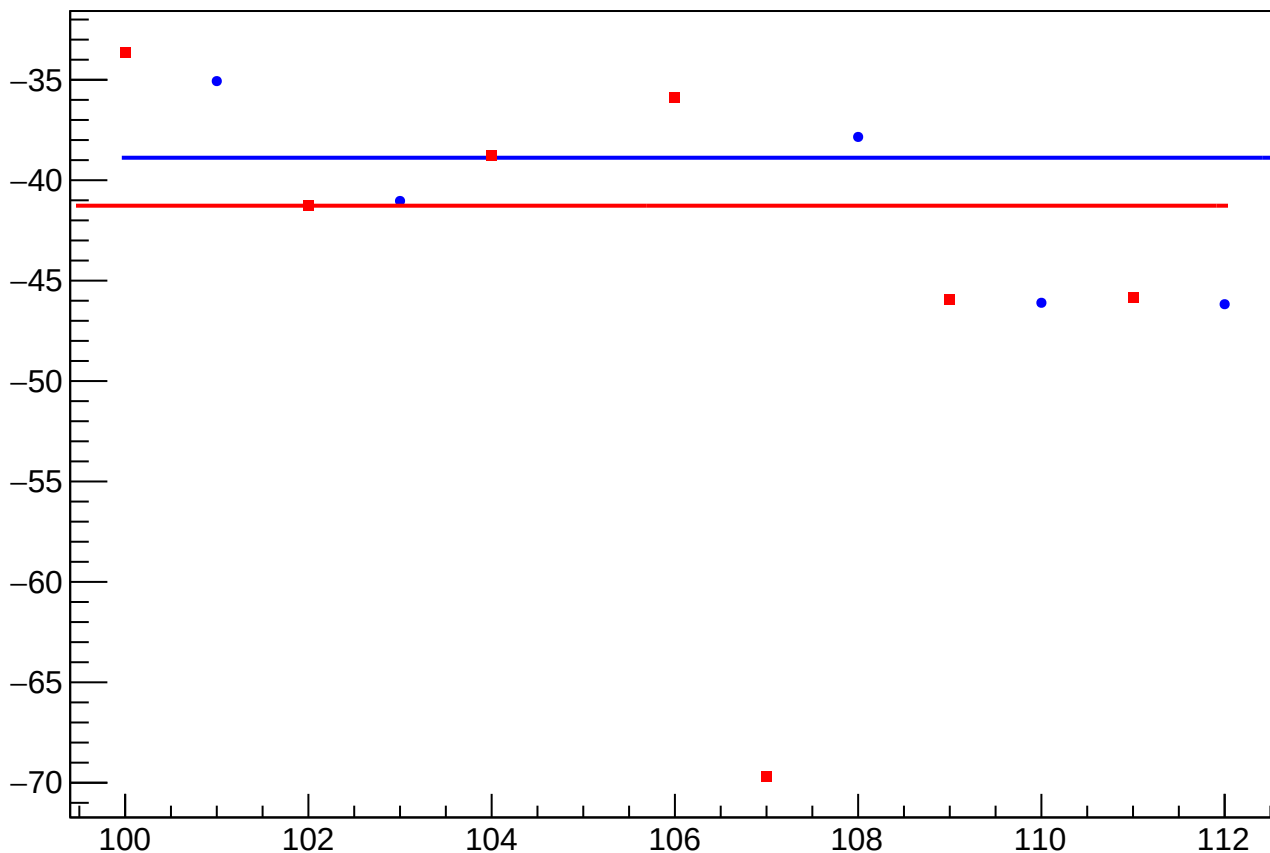
Right: 2.426+/-0.731 χ^2/NDF : 235.4/11

In: 2.833+/-1.003 χ^2/NDF : 183.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.426+/-0.731 χ^2/NDF : 235.4/11

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.880 $\pm$ 0.042 χ^2 /NDF: 8053.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -41.269 $\pm$ 0.042 χ^2 /NDF: 27410.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

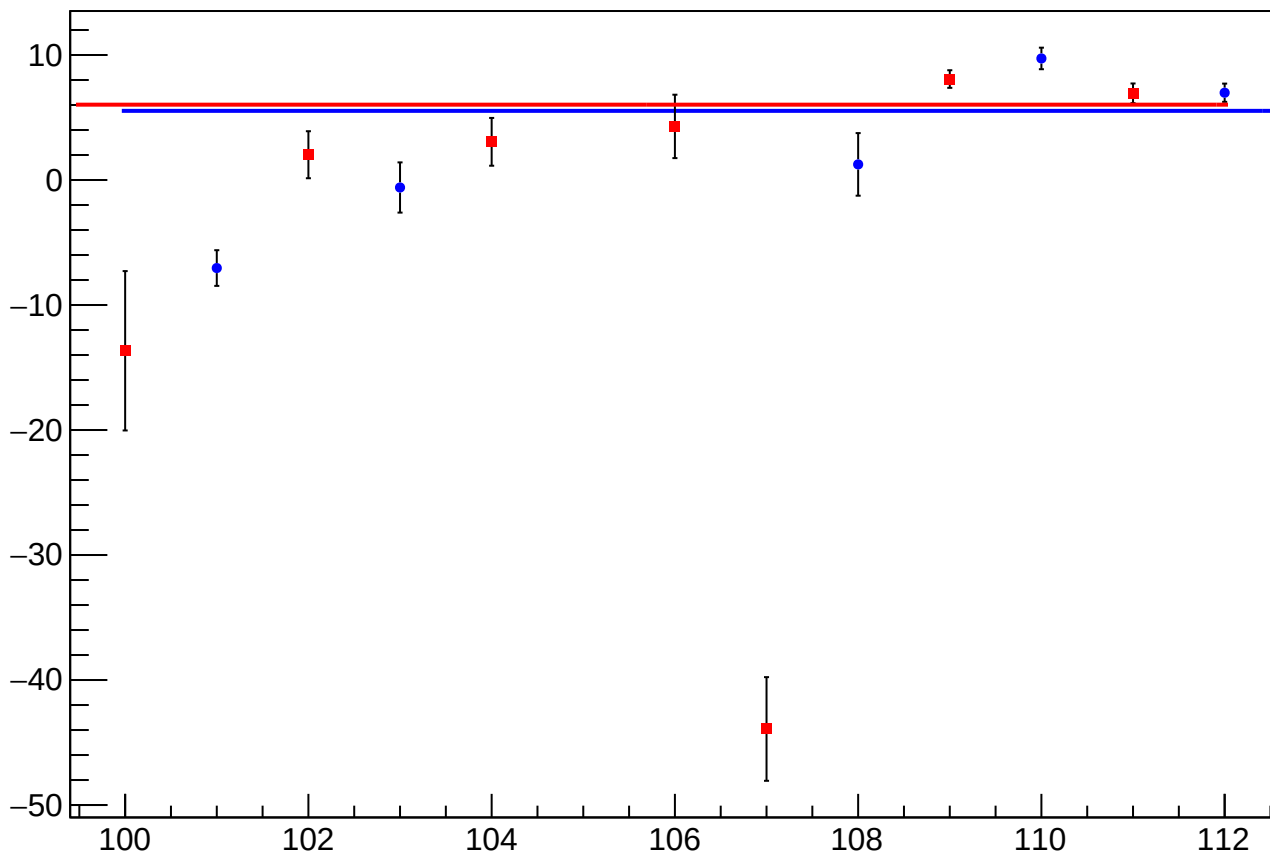
Right: -40.088 $\pm$ 0.030 χ^2 /NDF: 37077.0/11

In: -38.880 $\pm$ 0.042 χ^2 /NDF:8053.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -40.088 $\pm$ 0.030 χ^2 /NDF: 37077.0/11

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 5.532 $\pm$ 0.492 χ^2 /NDF: 117.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 6.027 $\pm$ 0.475 χ^2 /NDF: 171.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

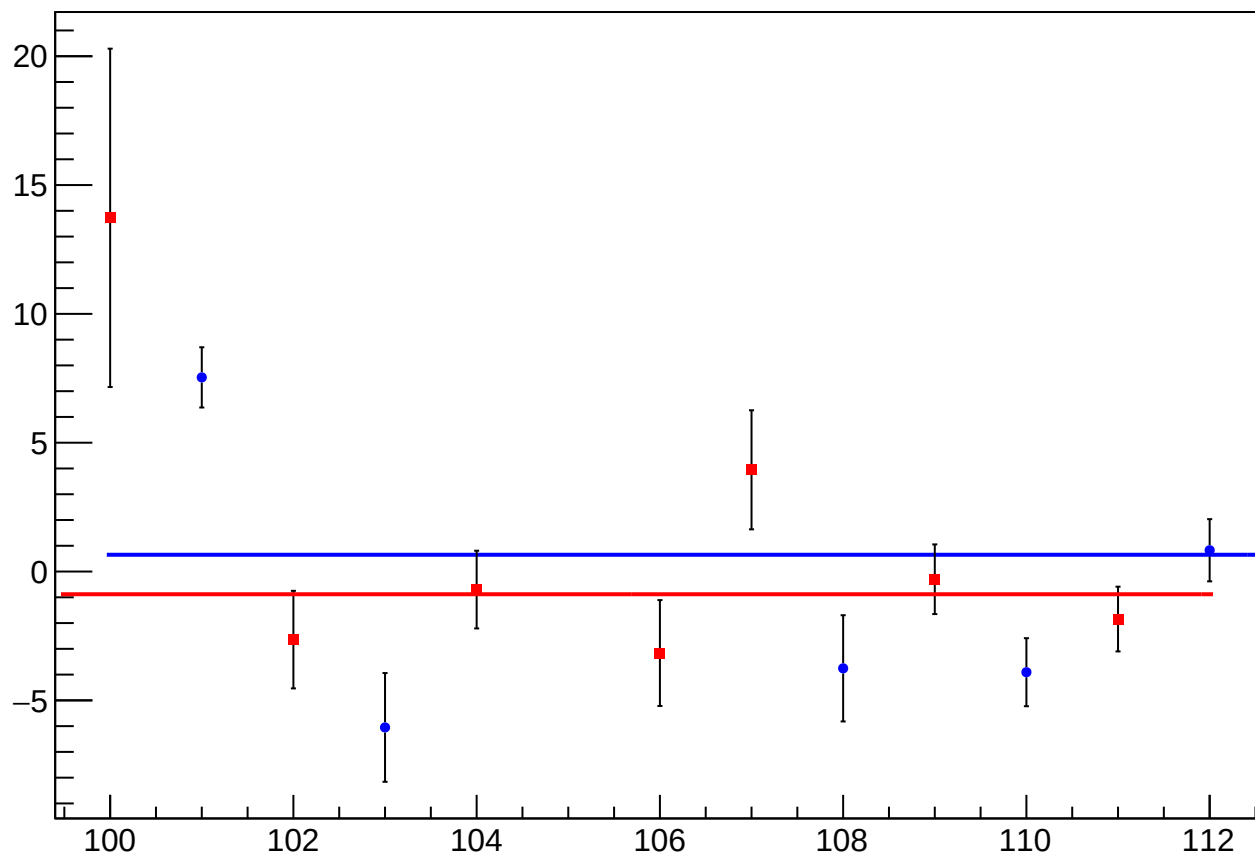
Right: 5.788 $\pm$ 0.342 χ^2 /NDF: 289.8/11

In: 5.532 $\pm$ 0.492 χ^2 /NDF:117.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 5.788 $\pm$ 0.342 χ^2 /NDF: 289.8/11

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.651+/-0.639 χ^2/NDF : 61.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.881+/-0.653 χ^2/NDF : 12.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

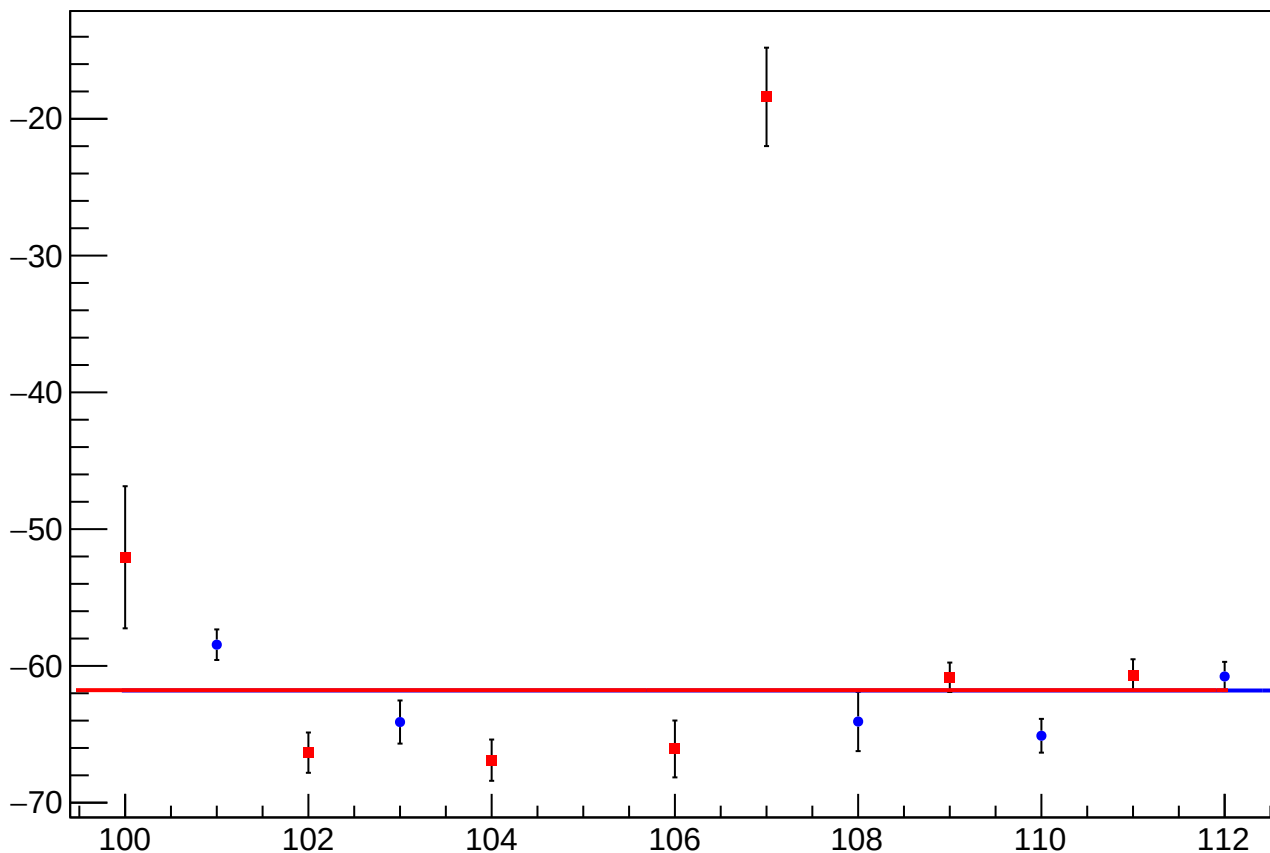
Right: -0.098+/-0.457 χ^2/NDF : 76.3/11

In: 0.651+/-0.639 χ^2/NDF : 61.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.098+/-0.457 χ^2/NDF : 76.3/11

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -61.798 $\pm$ 0.582 χ^2 /NDF: 20.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -61.773 $\pm$ 0.591 χ^2 /NDF: 175.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

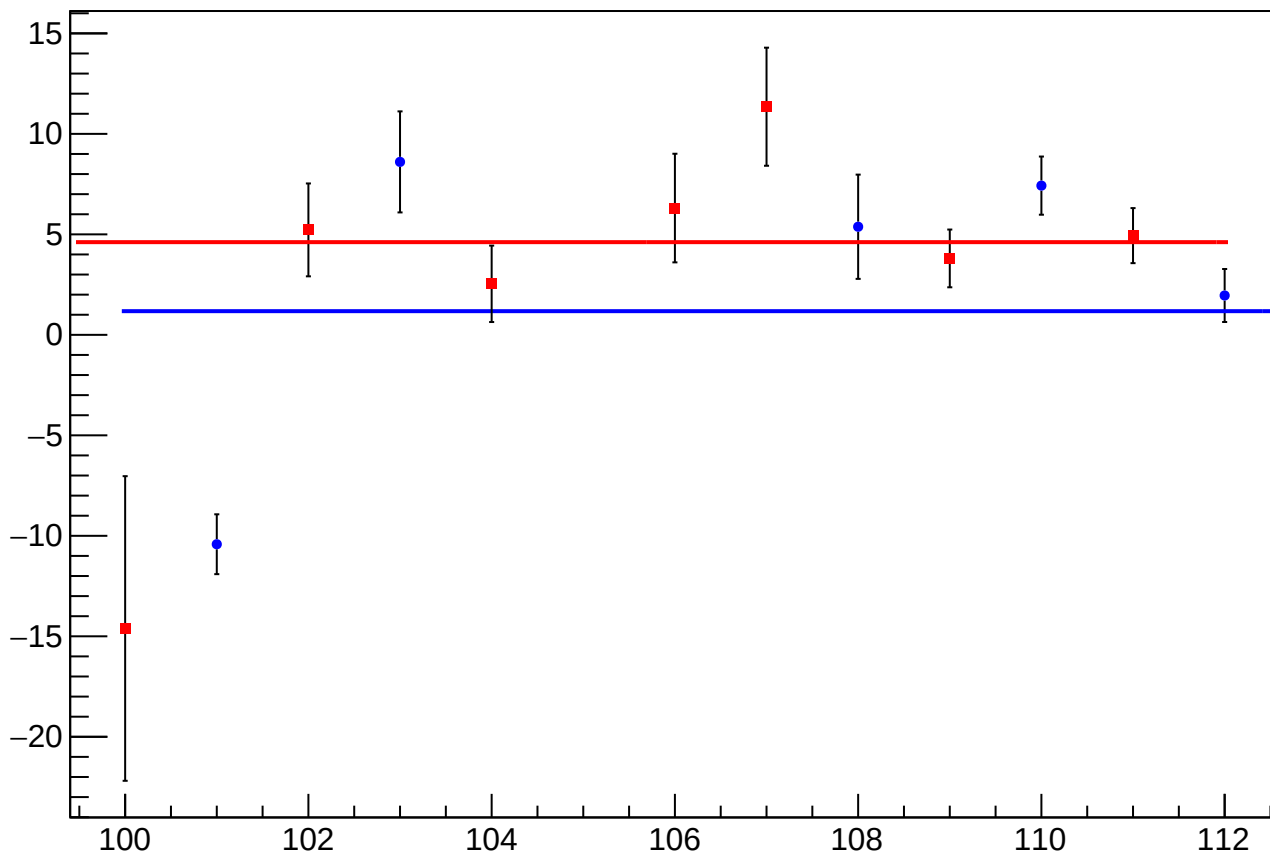
Right: -61.786 $\pm$ 0.415 χ^2 /NDF: 196.3/11

In: -61.798 $\pm$ 0.582 χ^2 /NDF:20.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -61.786 $\pm$ 0.415 χ^2 /NDF: 196.3/11

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.178+/-0.743 χ^2/NDF : 91.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.612+/-0.756 χ^2/NDF : 13.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

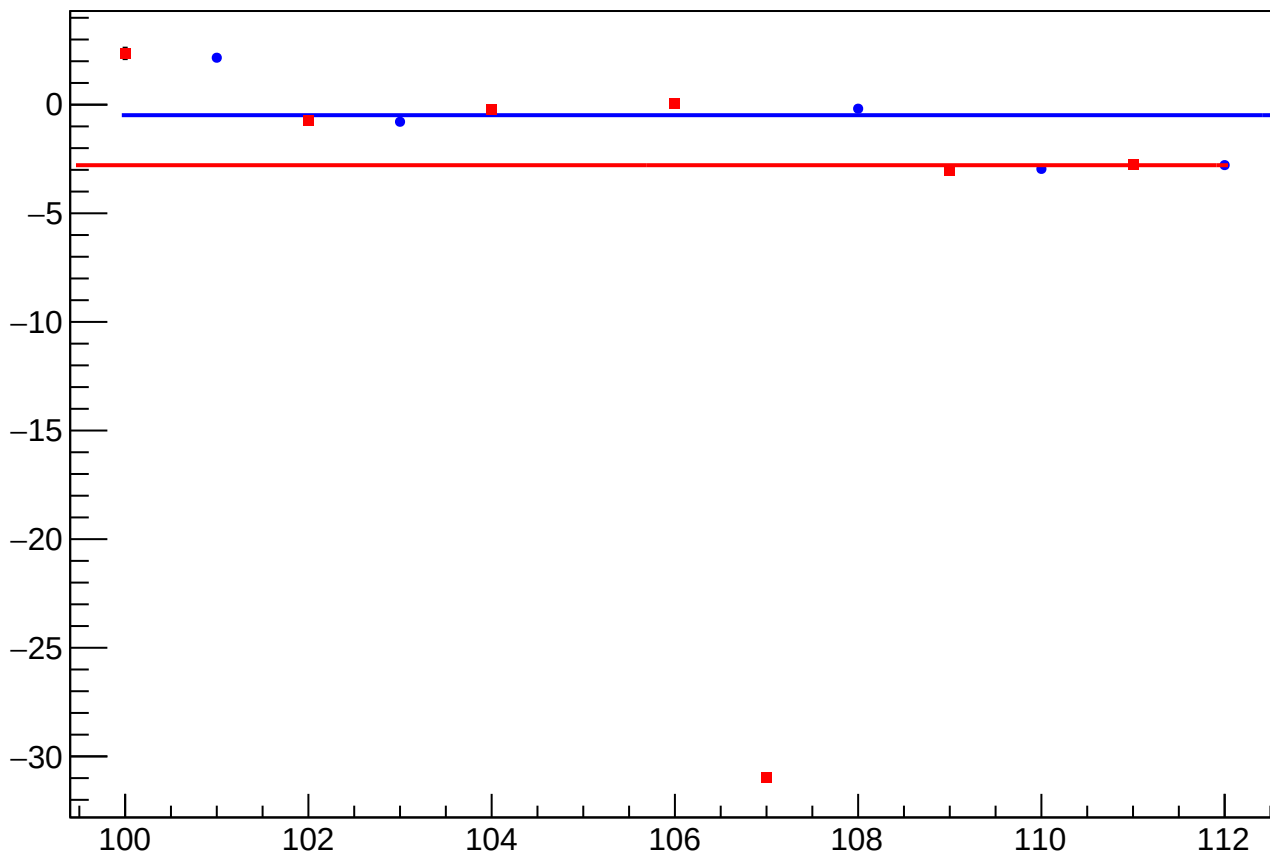
Right: 2.867+/-0.530 χ^2/NDF : 115.2/11

In: 1.178+/-0.743 χ^2/NDF : 91.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.867+/-0.530 χ^2/NDF : 115.2/11

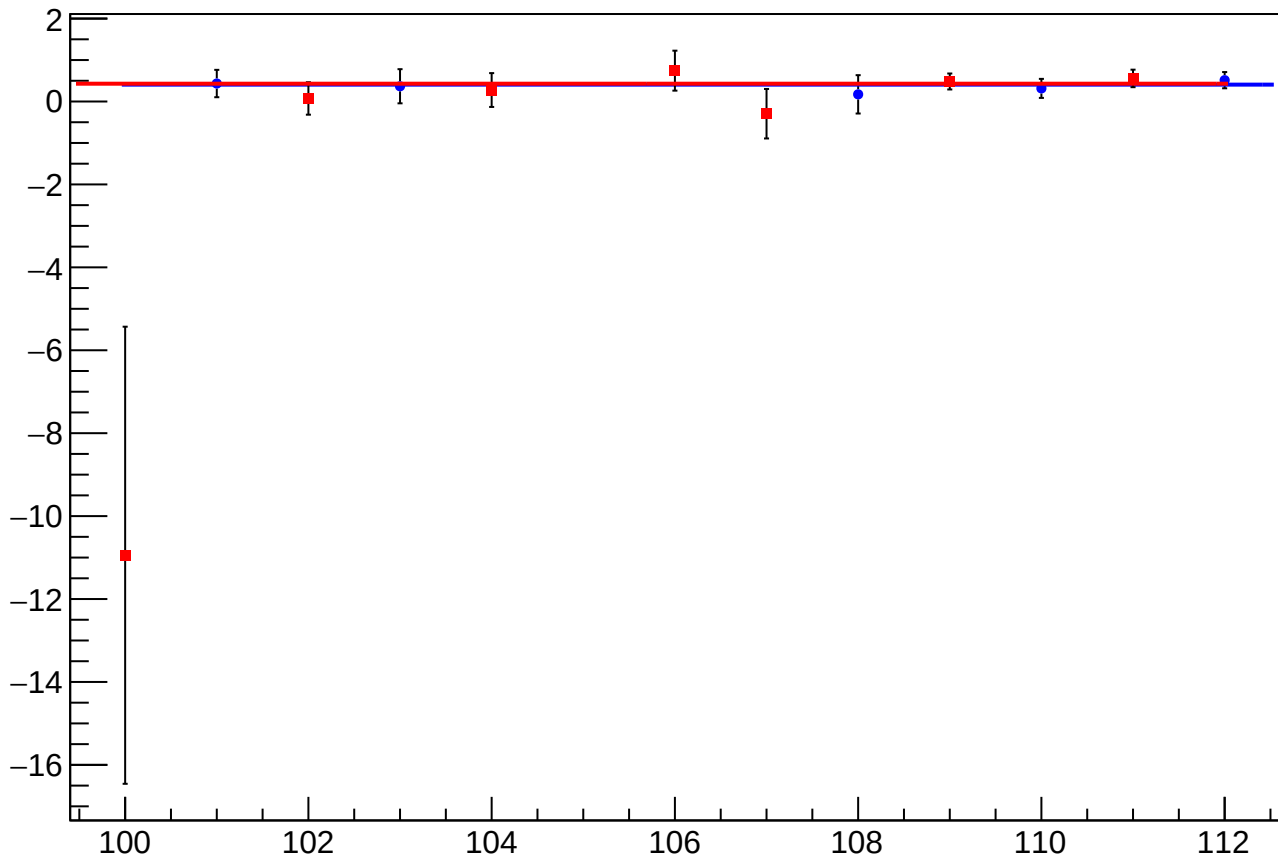
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.483 ± 0.035 $\chi^2/\text{NDF}: 2944.1/4$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -2.786 ± 0.034 $\chi^2/\text{NDF}: 40693.8/6$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right: -1.666 ± 0.024 $\chi^2/\text{NDF}: 45877.2/11$
 In: -0.483 ± 0.035 $\chi^2/\text{NDF}: 2944.1/4$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -1.666 ± 0.024 $\chi^2/\text{NDF}: 45877.2/11$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.407 $\pm$ 0.124 χ^2 /NDF: 0.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.429 $\pm$ 0.120 χ^2 /NDF: 7.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

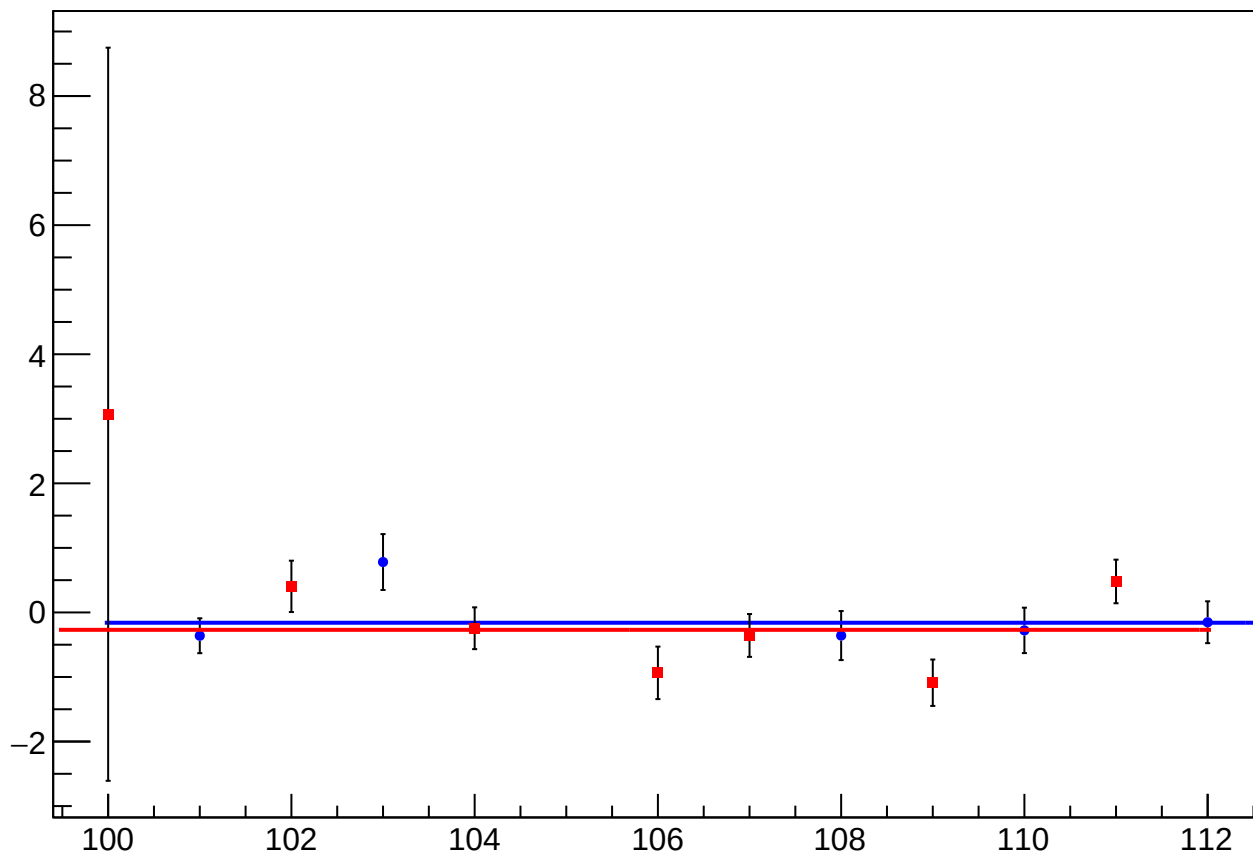
Right: 0.419 $\pm$ 0.086 χ^2 /NDF: 8.3/11

In: 0.407 $\pm$ 0.124 χ^2 /NDF: 0.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.419 $\pm$ 0.086 χ^2 /NDF: 8.3/11

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.160 ± 0.152 χ^2/NDF : 5.7/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.270 ± 0.145 χ^2/NDF : 16.1/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

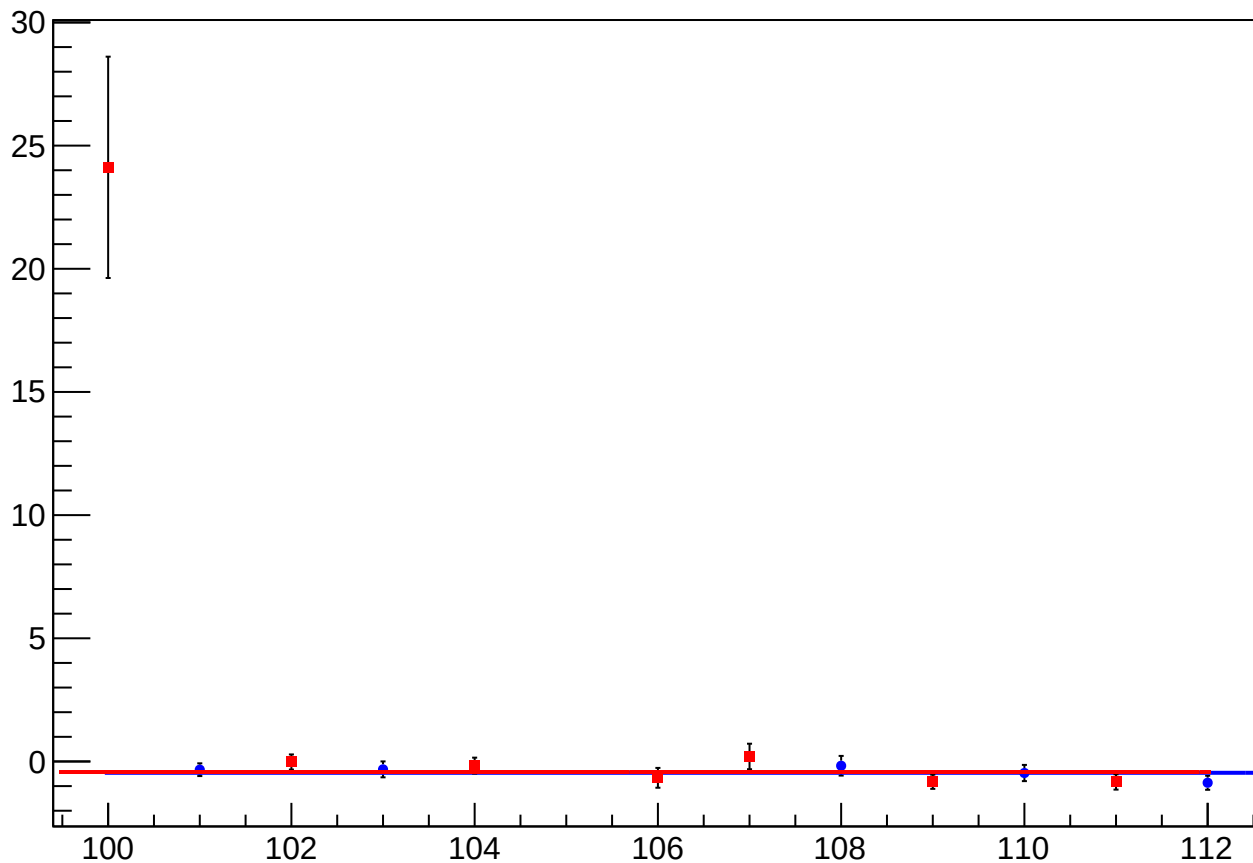
Right: -0.217 ± 0.105 χ^2/NDF : 22.0/11

In: -0.160 ± 0.152 χ^2/NDF : 5.7/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.217 ± 0.105 χ^2/NDF : 22.0/11

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.460+/-0.138 χ^2/NDF : 2.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.428+/-0.138 χ^2/NDF : 37.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

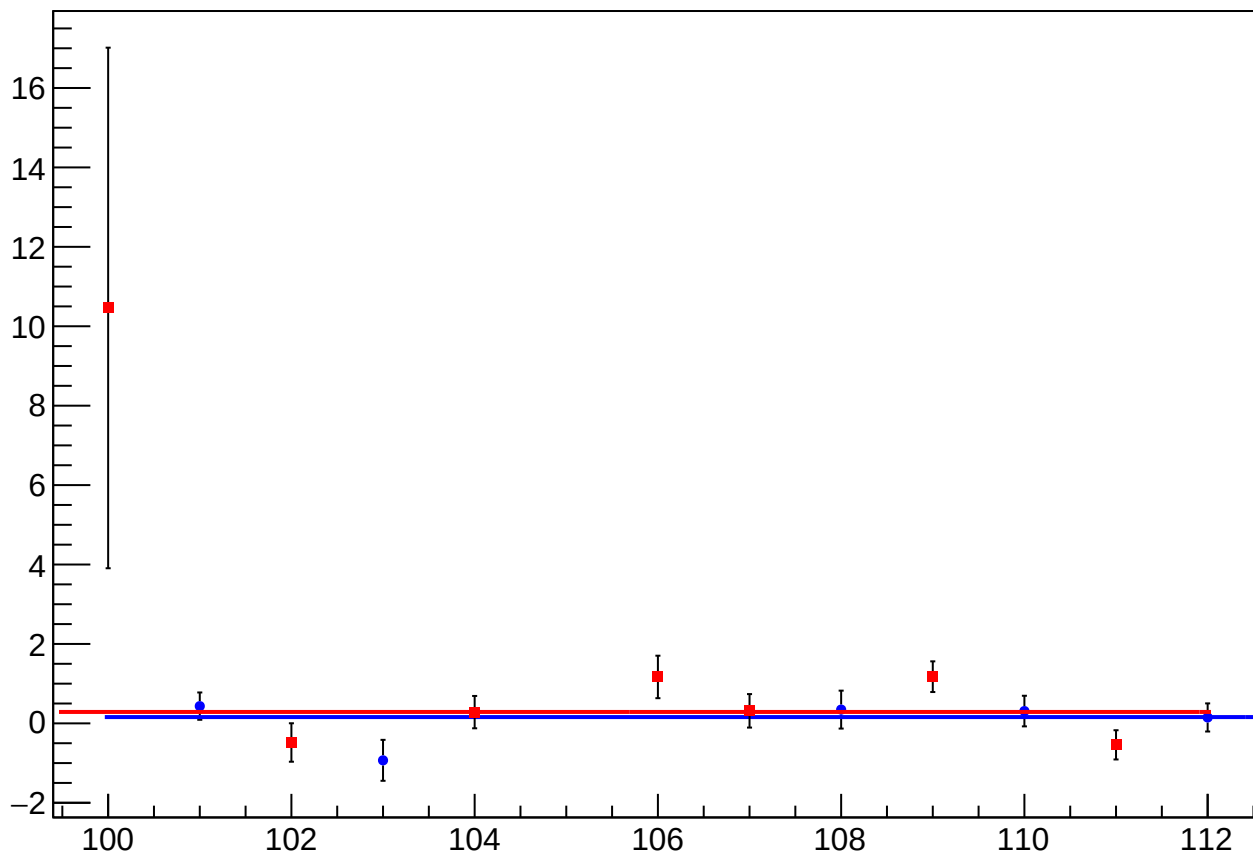
Right: -0.444+/-0.098 χ^2/NDF : 40.6/11

In: -0.460+/-0.138 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.444+/-0.098 χ^2/NDF : 40.6/11

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.158+/-0.179 χ^2/NDF : 5.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.288+/-0.173 χ^2/NDF : 18.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

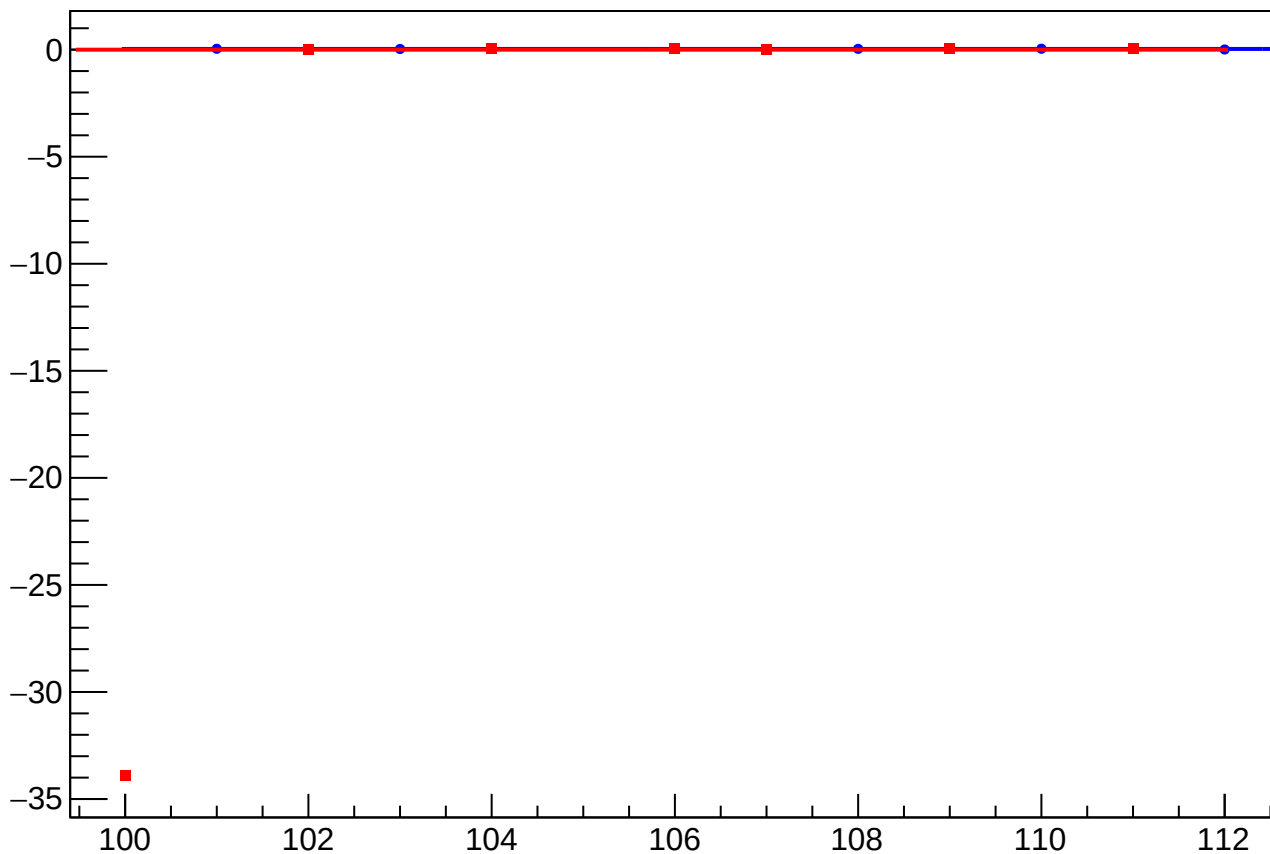
Right: 0.225+/-0.124 χ^2/NDF : 23.7/11

In: 0.158+/-0.179 χ^2/NDF : 5.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.225+/-0.124 χ^2/NDF : 23.7/11

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.033 $\pm$ 0.008 χ^2 /NDF: 1.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.001 $\pm$ 0.007 χ^2 /NDF: 22250.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

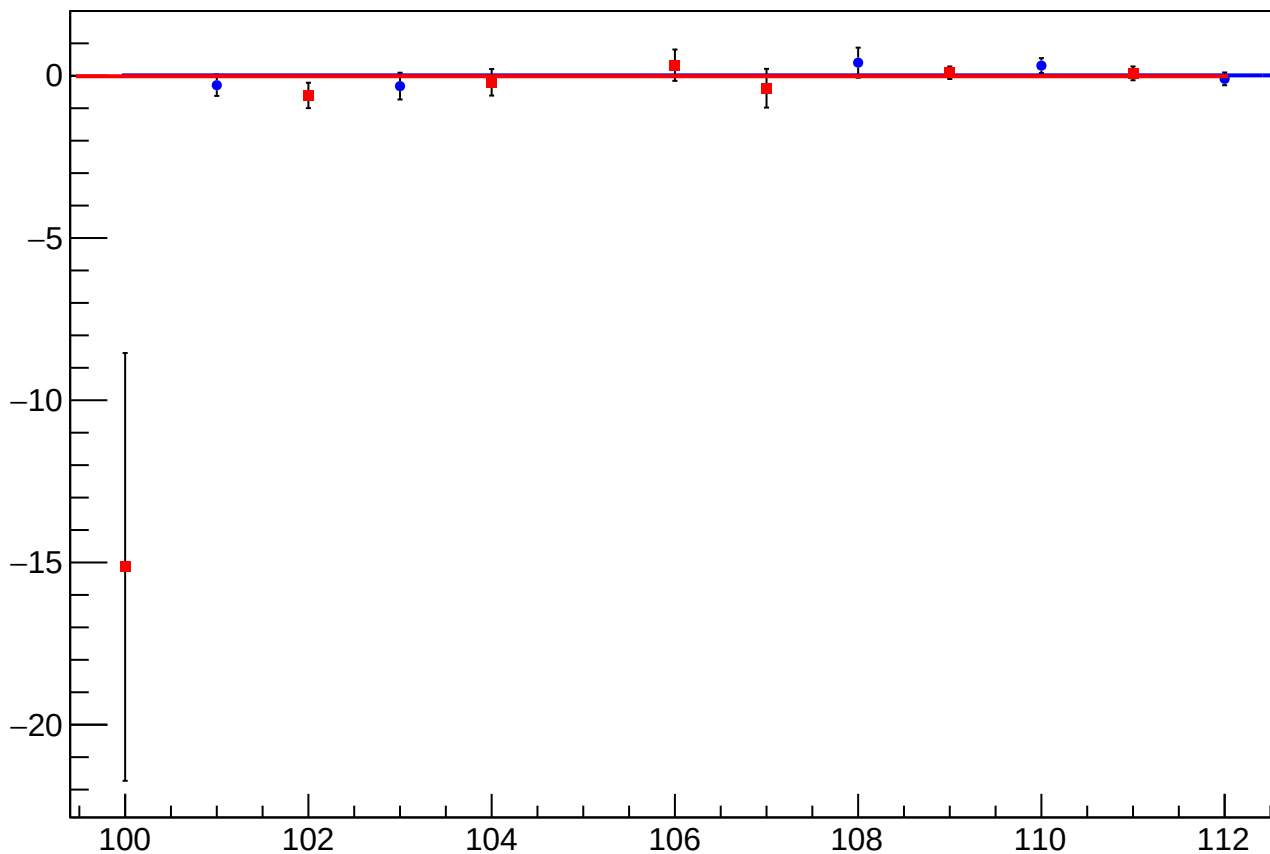
Right: 0.015 $\pm$ 0.005 χ^2 /NDF: 22262.6/11

In: 0.033 $\pm$ 0.008 χ^2 /NDF:1.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.015 $\pm$ 0.005 χ^2 /NDF: 22262.6/11

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.013+/-0.124 χ^2/NDF : 4.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.120 χ^2/NDF : 9.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

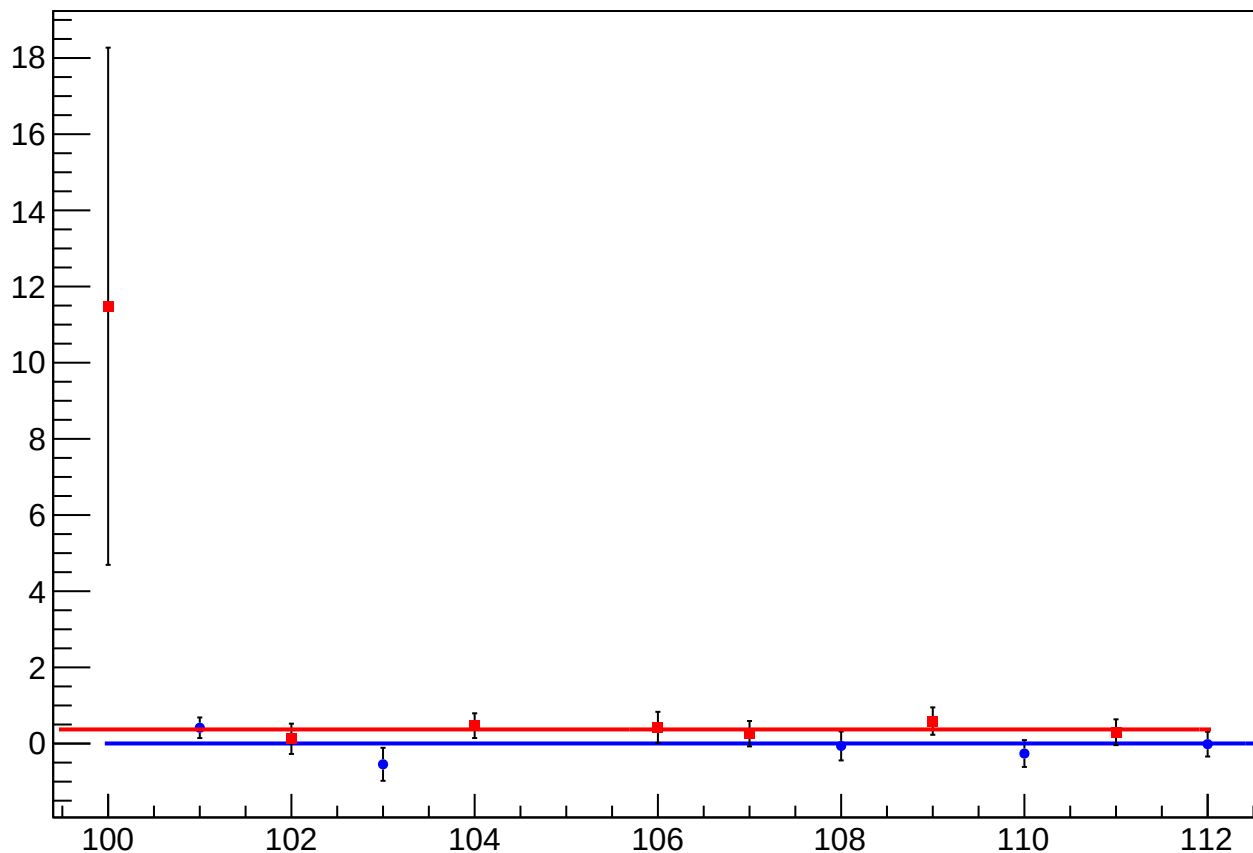
Right: -0.001+/-0.087 χ^2/NDF : 13.4/11

In: 0.013+/-0.124 χ^2/NDF : 4.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.087 χ^2/NDF : 13.4/11

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.152 χ^2 /NDF: 4.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.371 $\pm$ 0.145 χ^2 /NDF: 3.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

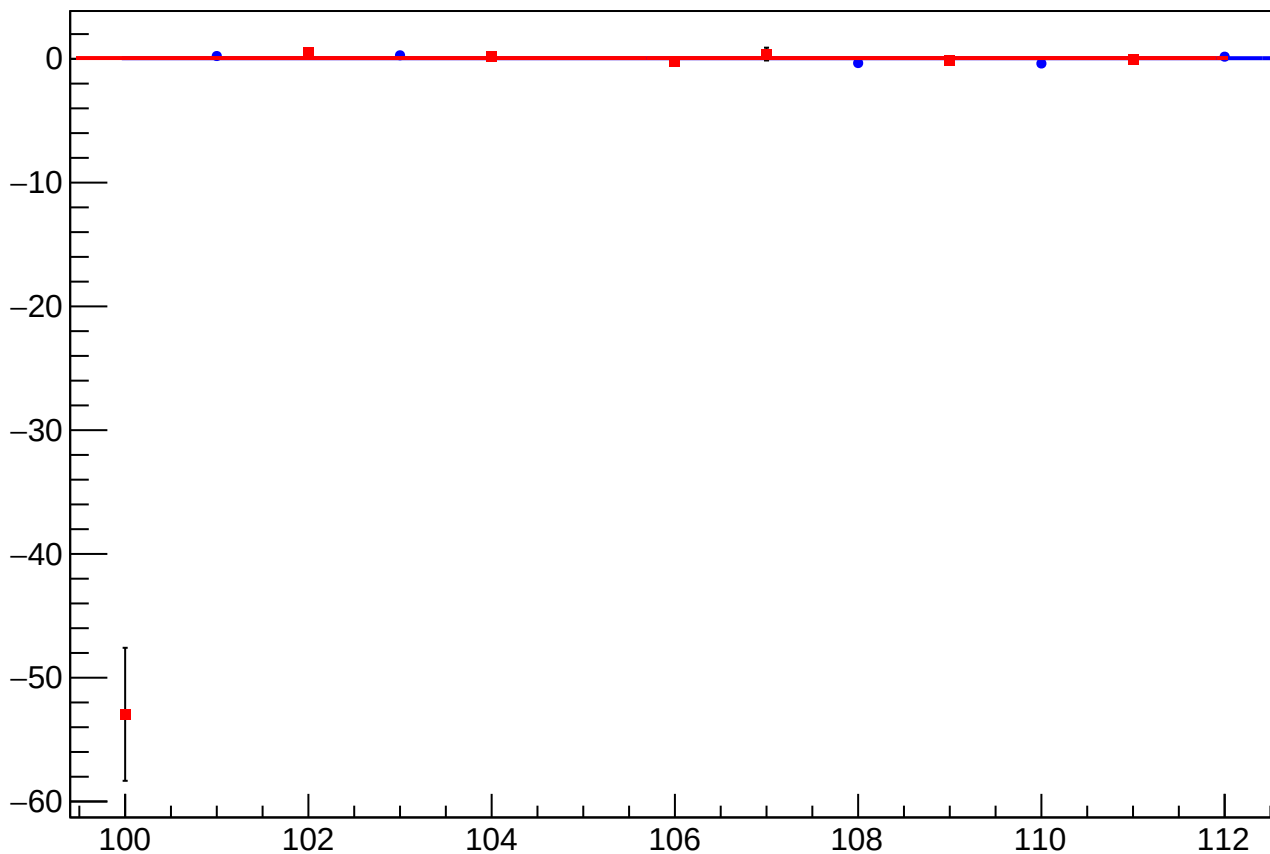
Right: 0.194 $\pm$ 0.105 χ^2 /NDF: 11.3/11

In: 0.002 $\pm$ 0.152 χ^2 /NDF:4.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.194 $\pm$ 0.105 χ^2 /NDF: 11.3/11

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.052+/-0.138 χ^2/NDF : 3.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.065+/-0.138 χ^2/NDF : 100.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

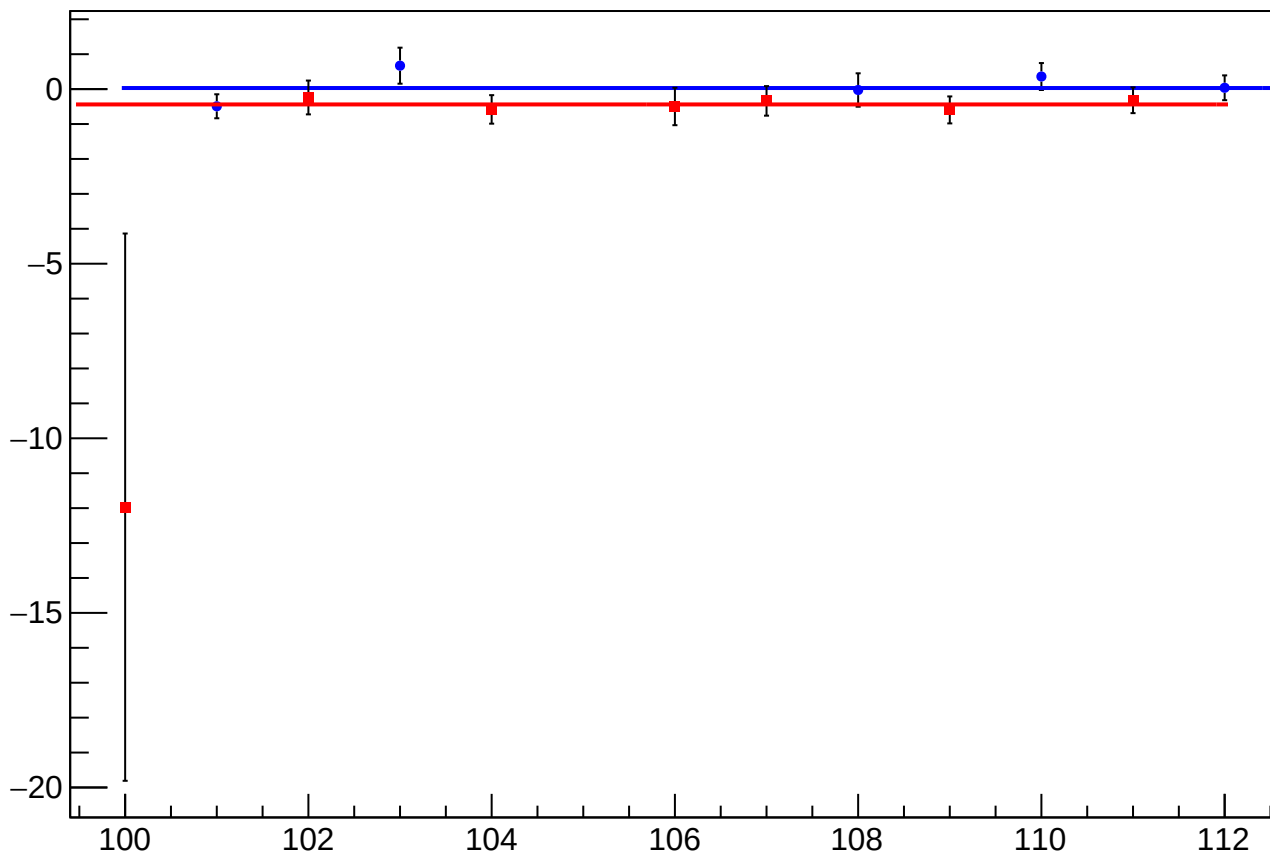
Right: 0.058+/-0.098 χ^2/NDF : 104.6/11

In: 0.052+/-0.138 χ^2/NDF : 3.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.058+/-0.098 χ^2/NDF : 104.6/11

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.031+/-0.179 χ^2/NDF : 4.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.439+/-0.173 χ^2/NDF : 2.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

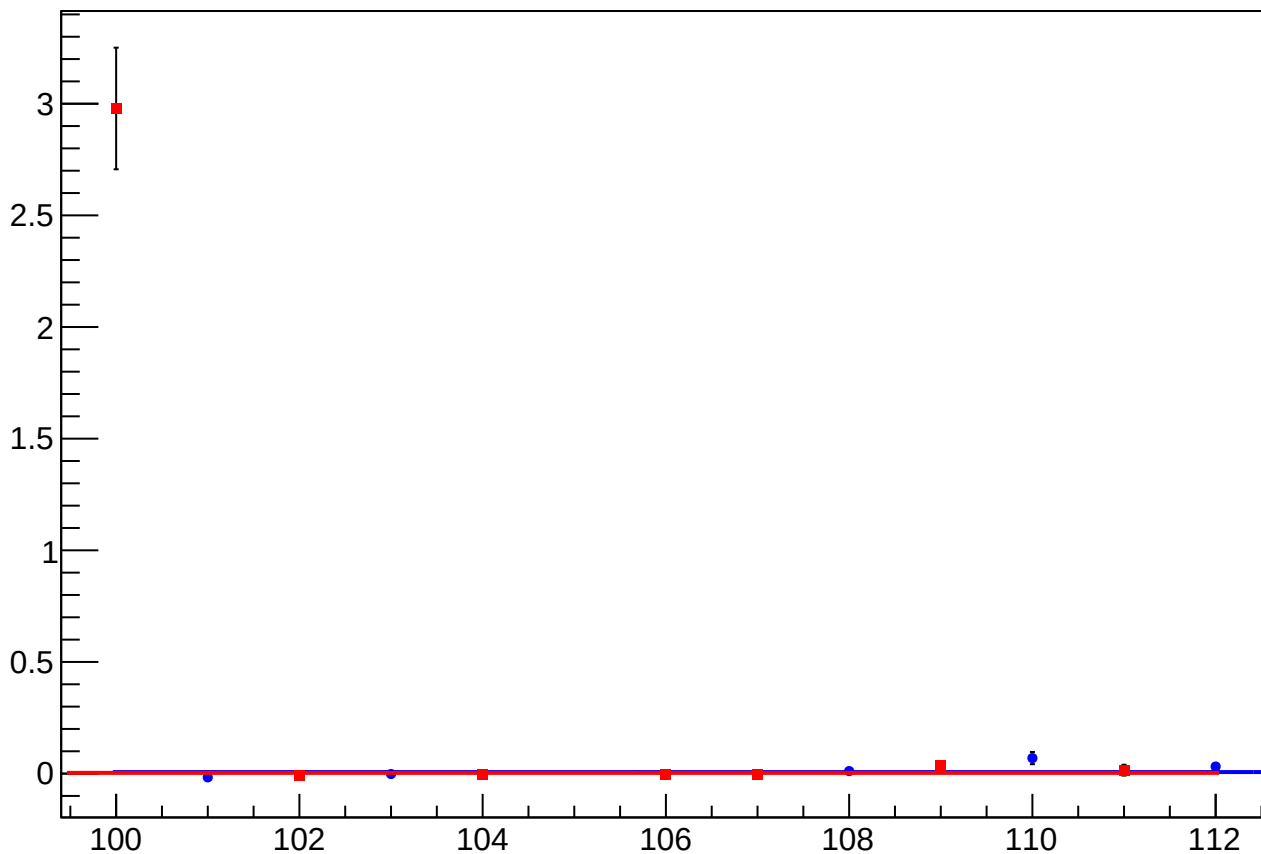
Right: -0.212+/-0.124 χ^2/NDF : 11.0/11

In: 0.031+/-0.179 χ^2/NDF : 4.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.212+/-0.124 χ^2/NDF : 11.0/11

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.008 χ^2 /NDF: 9.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.007 χ^2 /NDF: 123.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

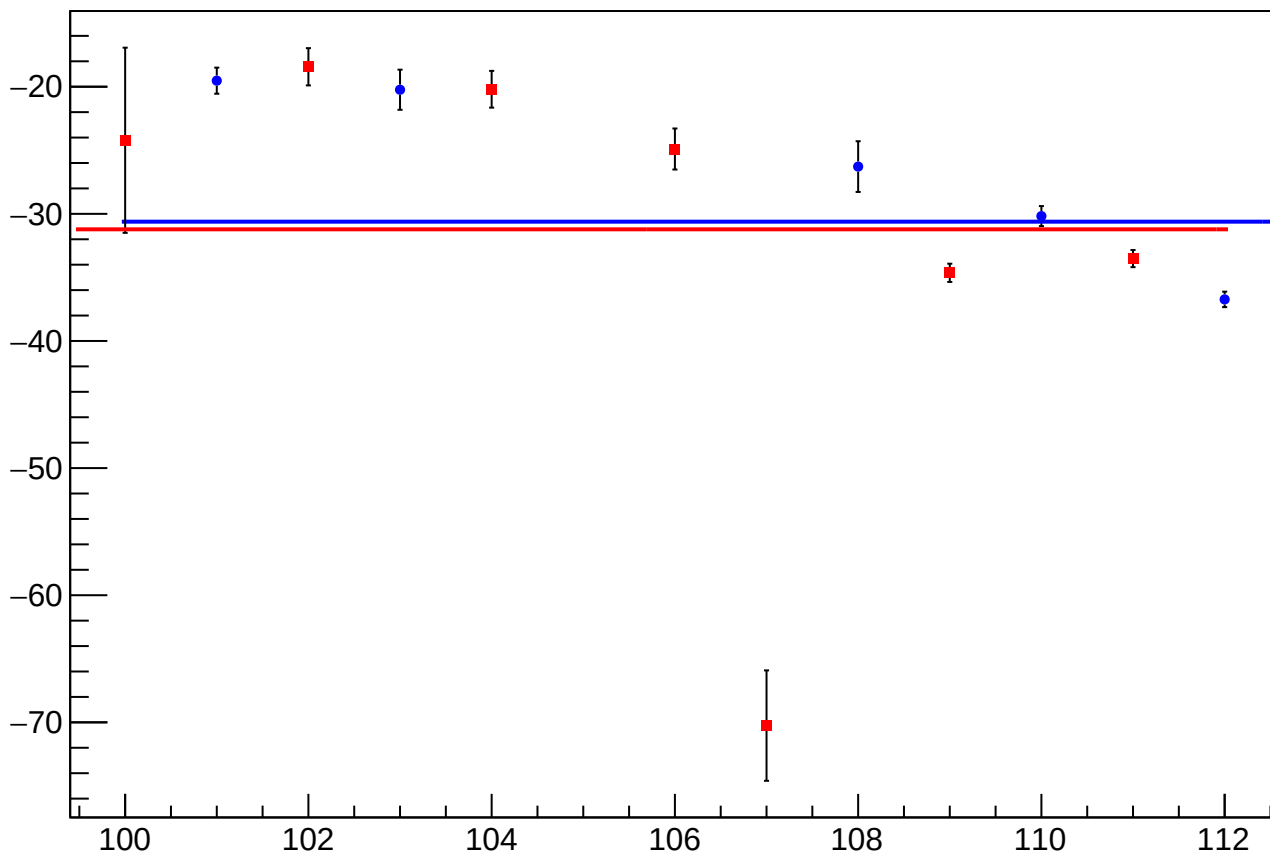
Right: 0.005 $\pm$ 0.005 χ^2 /NDF: 132.8/11

In: 0.007 $\pm$ 0.008 χ^2 /NDF:9.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.005 $\pm$ 0.005 χ^2 /NDF: 132.8/11

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -30.616+/-0.411 χ^2/NDF : 265.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.218+/-0.425 χ^2/NDF : 265.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

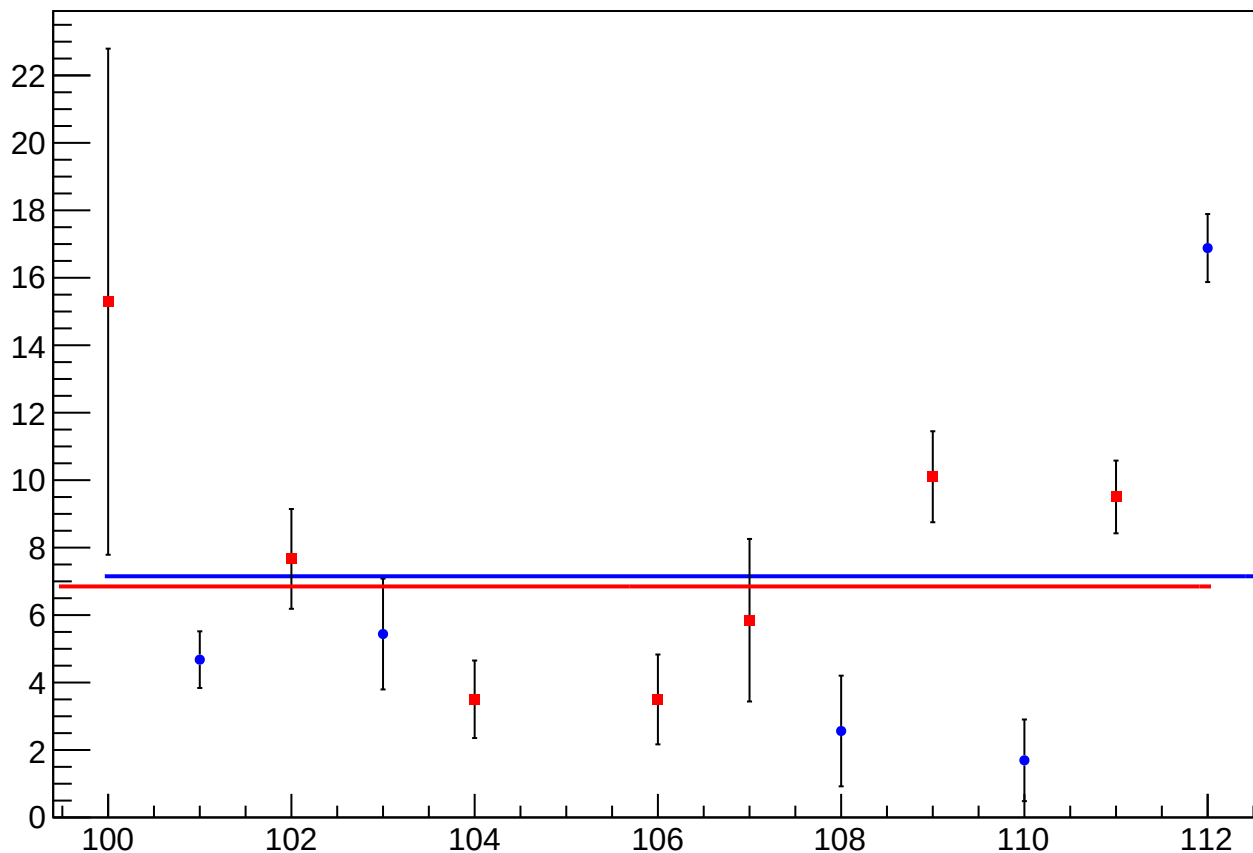
Right: -30.907+/-0.296 χ^2/NDF : 532.4/11

In: -30.616+/-0.411 χ^2/NDF : 265.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.907+/-0.296 χ^2/NDF : 532.4/11

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.151+/-0.511 χ^2/NDF : 131.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.849+/-0.544 χ^2/NDF : 28.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

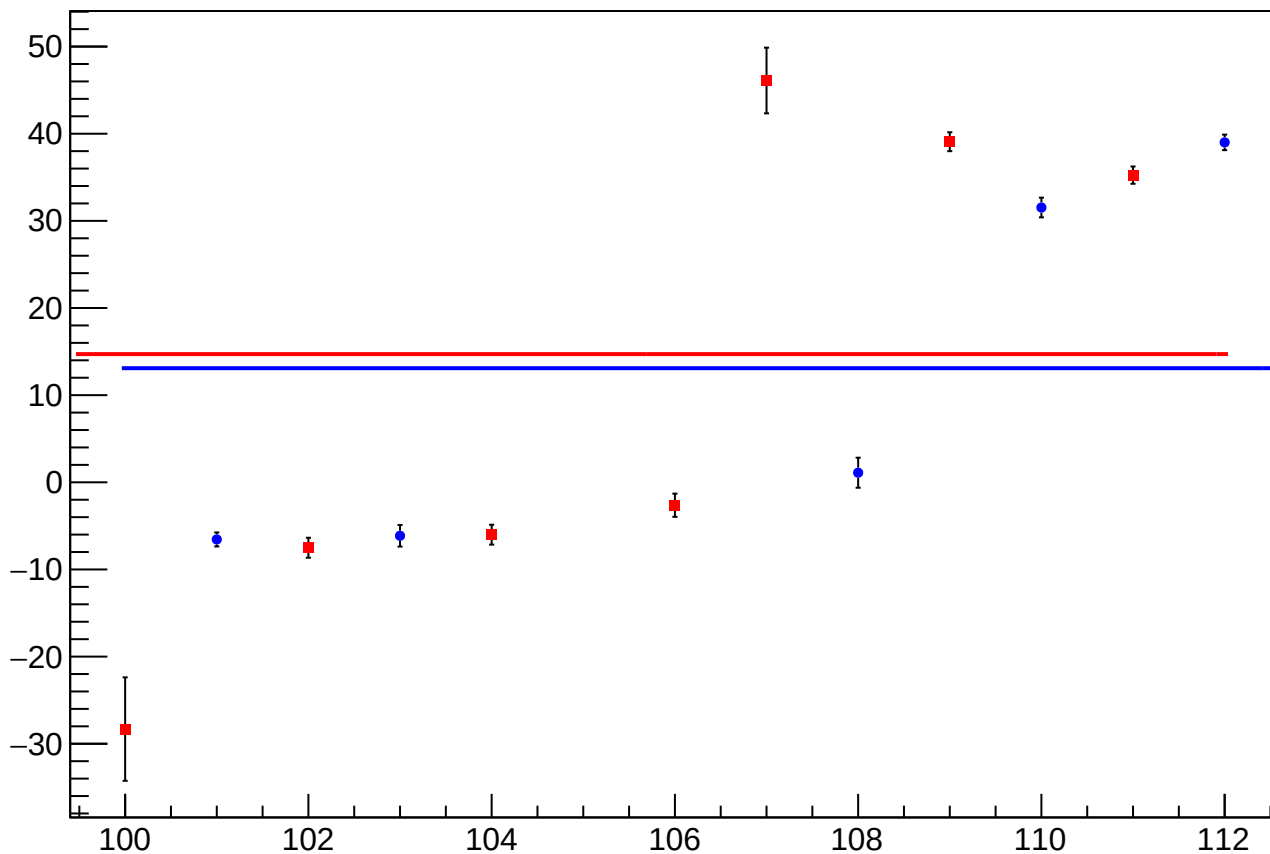
Right: 7.009+/-0.373 χ^2/NDF : 159.6/11

In: 7.151+/-0.511 χ^2/NDF : 131.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.009+/-0.373 χ^2/NDF : 159.6/11

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 13.093+/-0.467 χ^2/NDF : 1998.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.710+/-0.496 χ^2/NDF : 1930.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

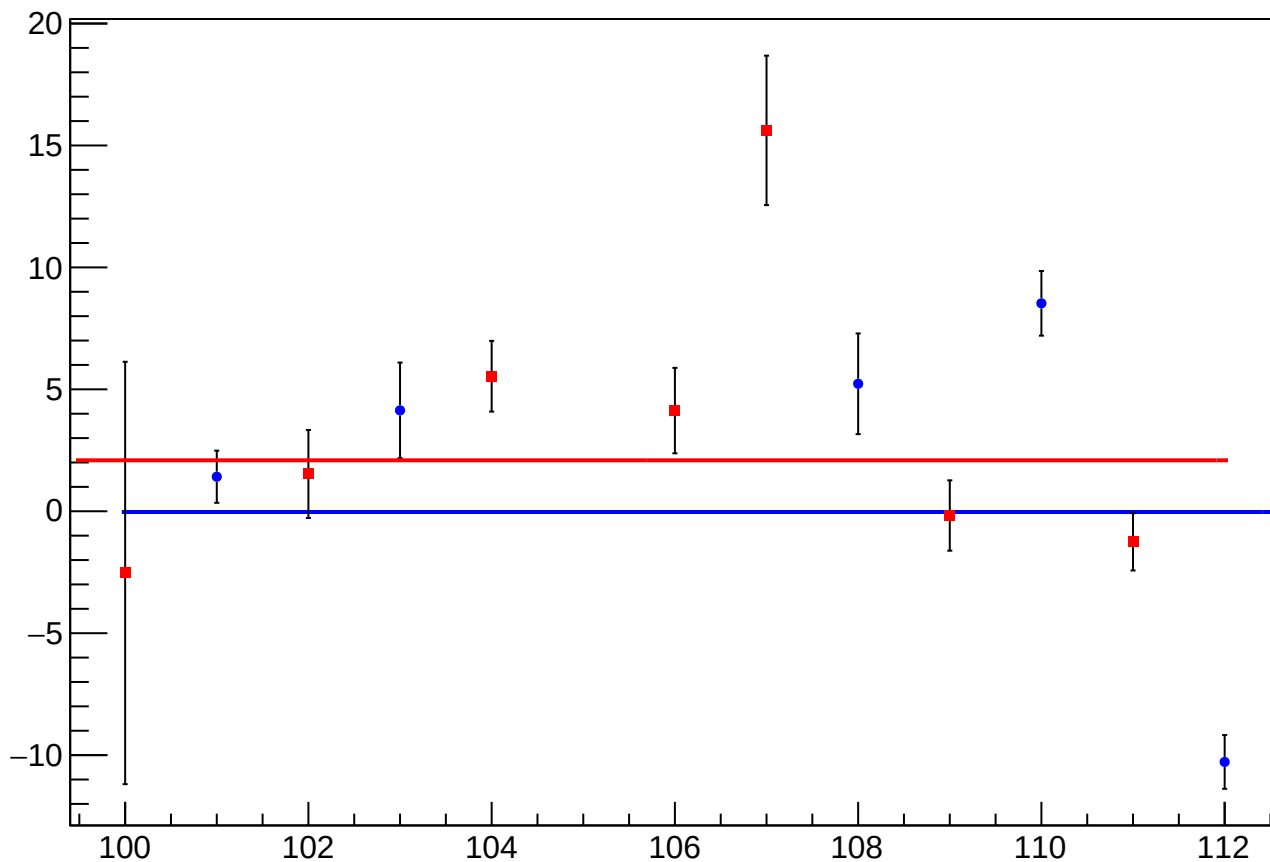
Right: 13.853+/-0.340 χ^2/NDF : 3934.1/11

In: 13.093+/-0.467 χ^2/NDF : 1998.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.853+/-0.340 χ^2/NDF : 3934.1/11

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.030 ± 0.602 χ^2/NDF : 141.1/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.089 ± 0.641 χ^2/NDF : 37.4/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

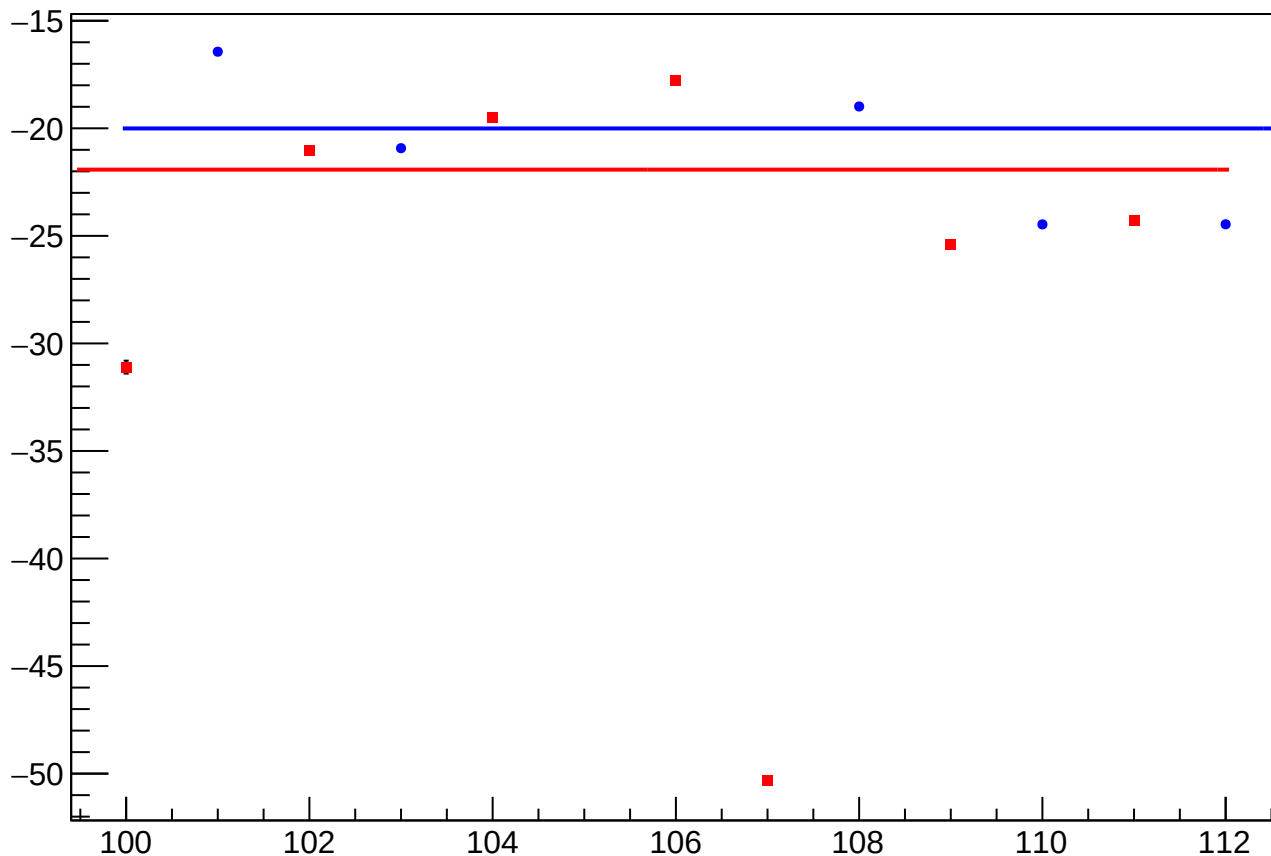
Right: 0.963 ± 0.439 χ^2/NDF : 184.3/11

In: -0.030 ± 0.602 χ^2/NDF : 141.1/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.963 ± 0.439 χ^2/NDF : 184.3/11

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.006+/-0.027 χ^2/NDF : 12415.4/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -21.921+/-0.027 χ^2/NDF : 44967.3/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

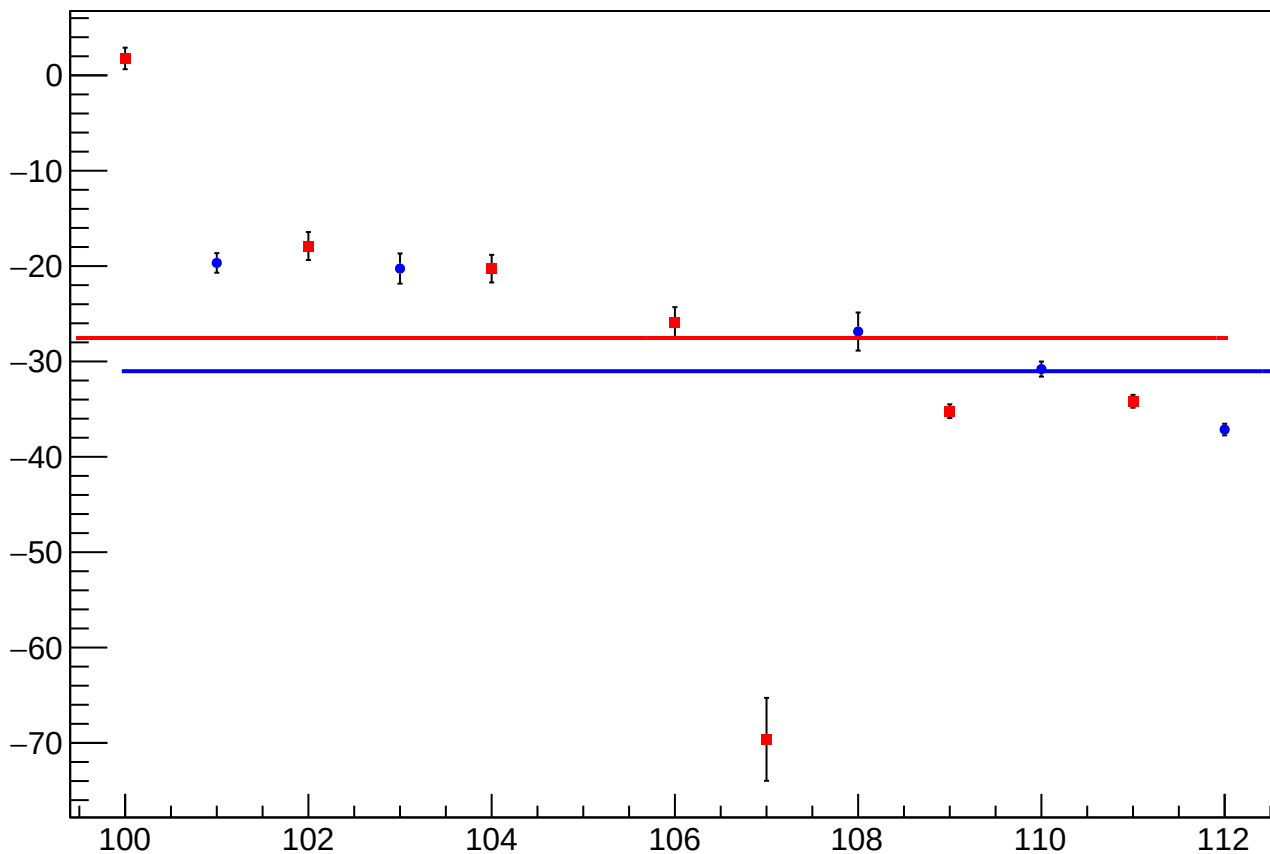
Right: -20.977+/-0.019 χ^2/NDF : 59850.3/11

In: -20.006+/-0.027 χ^2/NDF :12415.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -20.977+/-0.019 χ^2/NDF : 59850.3/11

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -31.022+/-0.412 χ^2/NDF : 273.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -27.541+/-0.399 χ^2/NDF : 1048.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

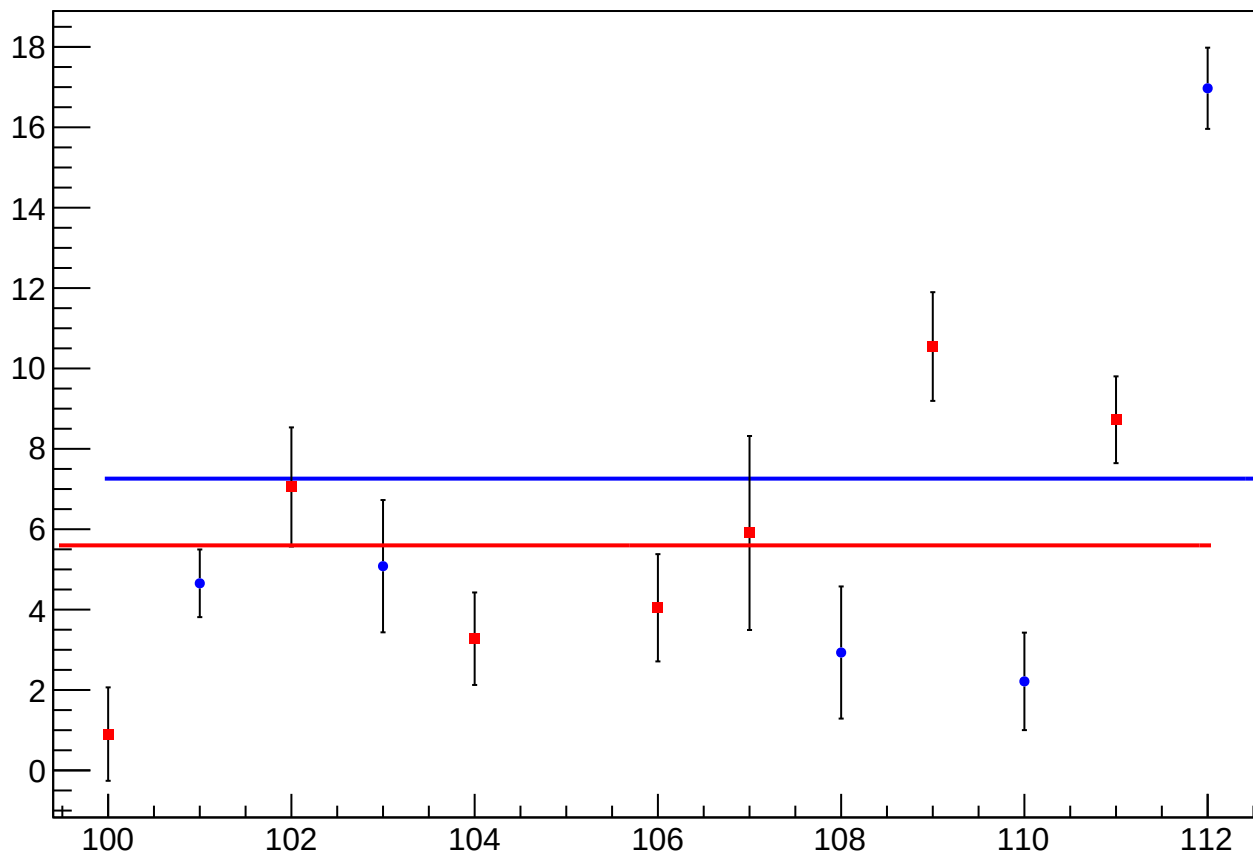
Right: -29.224+/-0.287 χ^2/NDF : 1358.4/11

In: -31.022+/-0.412 χ^2/NDF : 273.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.224+/-0.287 χ^2/NDF : 1358.4/11

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.259+/-0.512 χ^2/NDF : 128.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.598+/-0.495 χ^2/NDF : 44.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

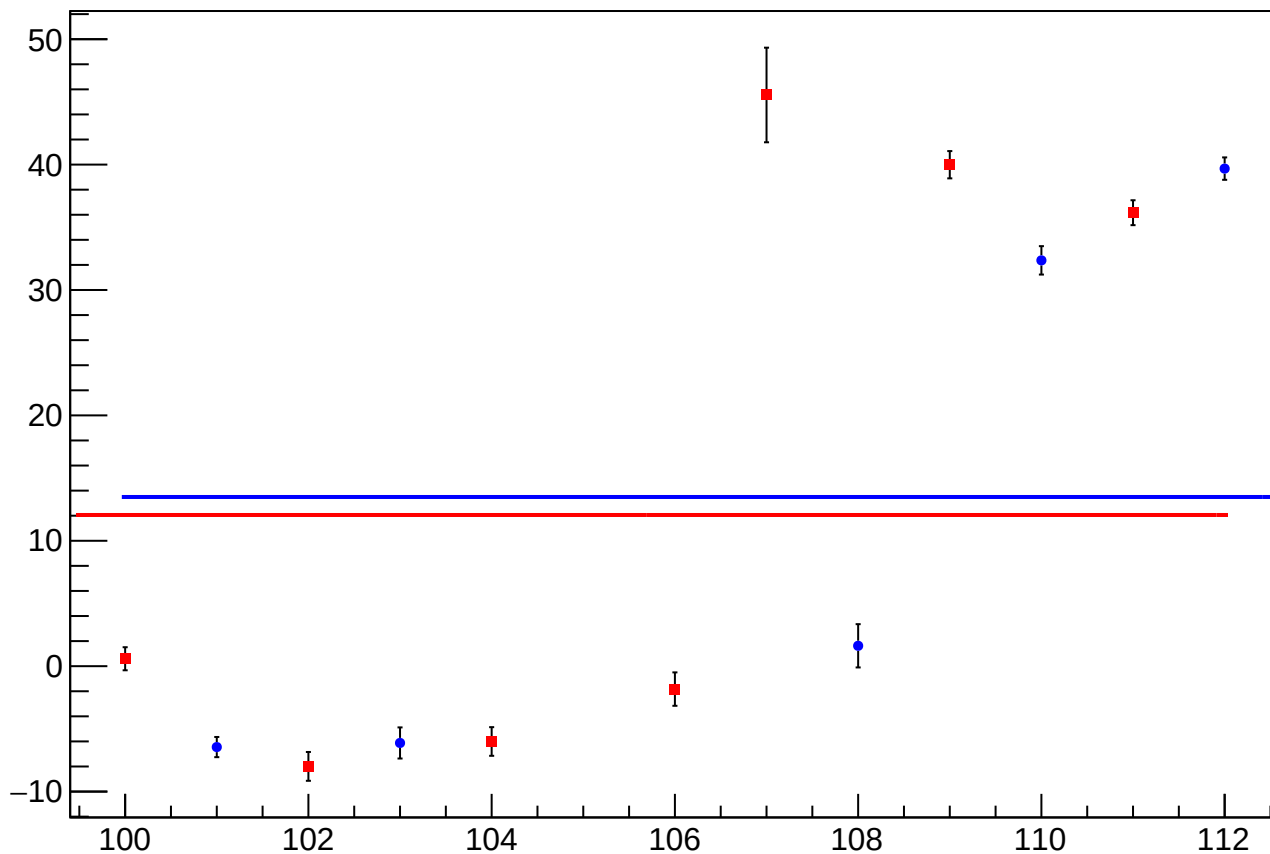
Right: 6.399+/-0.356 χ^2/NDF : 177.9/11

In: 7.259+/-0.512 χ^2/NDF : 128.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.399+/-0.356 χ^2/NDF : 177.9/11

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 13.493+/-0.468 χ^2/NDF : 2047.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.057+/-0.439 χ^2/NDF : 2145.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

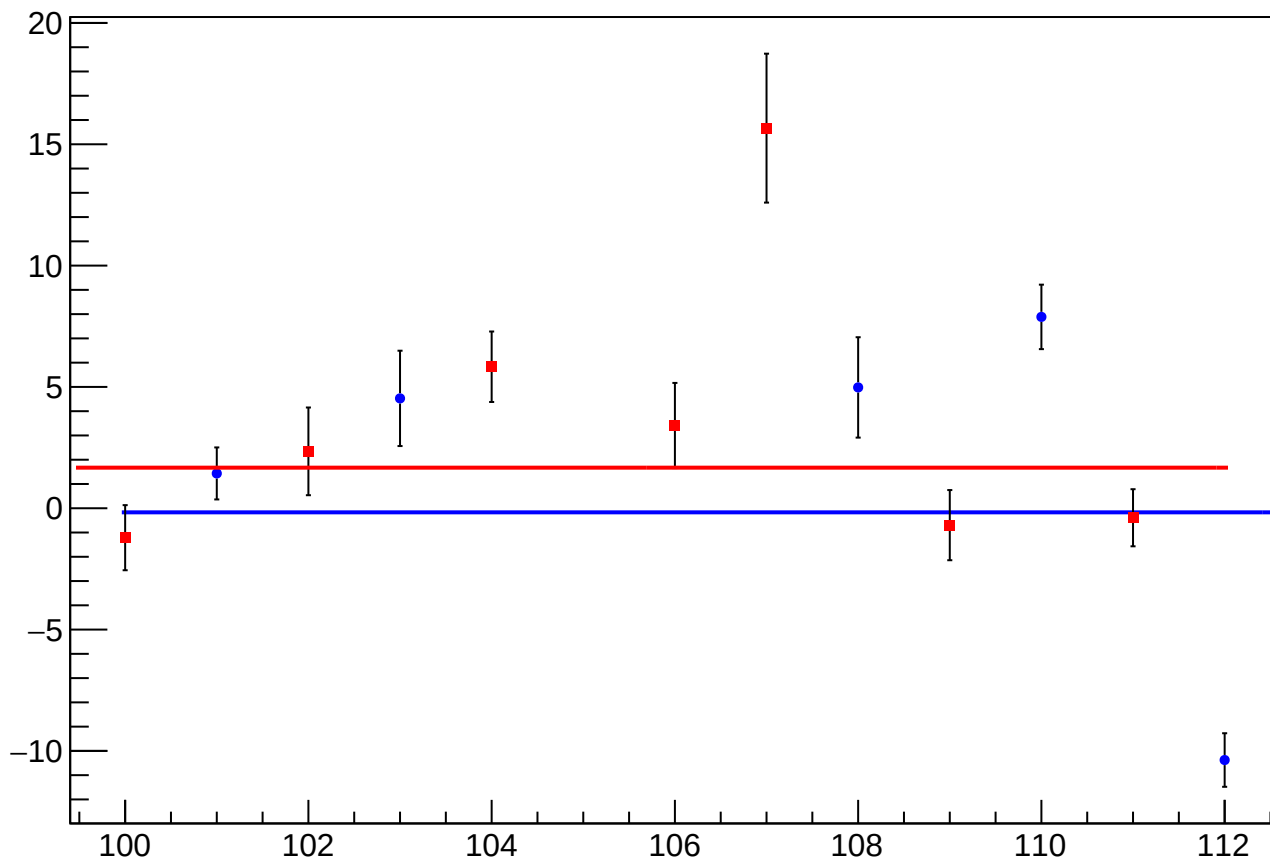
Right: 12.728+/-0.320 χ^2/NDF : 4198.4/11

In: 13.493+/-0.468 χ^2/NDF : 2047.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.728+/-0.320 χ^2/NDF : 4198.4/11

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.169 ± 0.603 χ^2/NDF : 136.5/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.673 ± 0.580 χ^2/NDF : 40.5/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

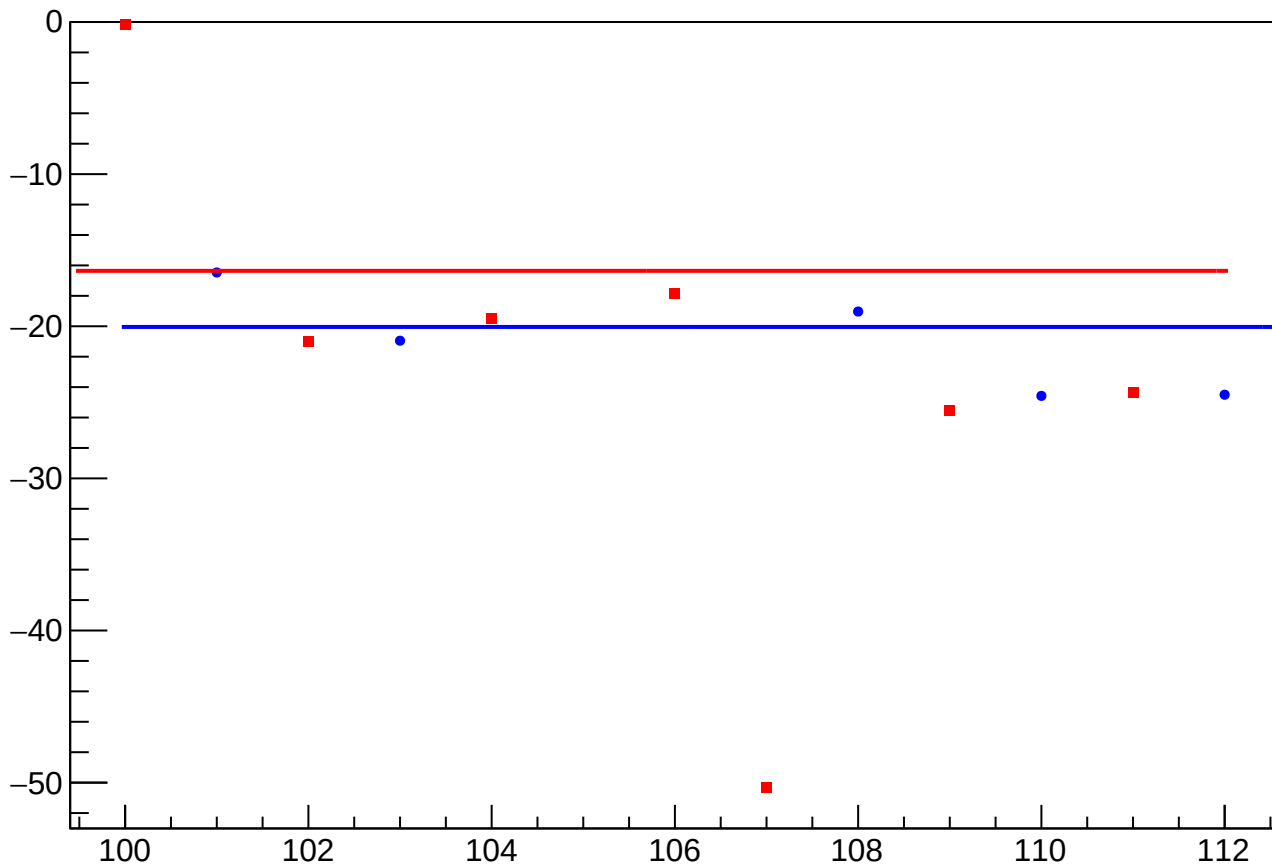
Right: 0.787 ± 0.418 χ^2/NDF : 181.8/11

In: -0.169 ± 0.603 χ^2/NDF : 136.5/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.787 ± 0.418 χ^2/NDF : 181.8/11

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.045 $\pm$ 0.027 χ^2 /NDF: 12473.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -16.357 $\pm$ 0.024 χ^2 /NDF: 206008.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

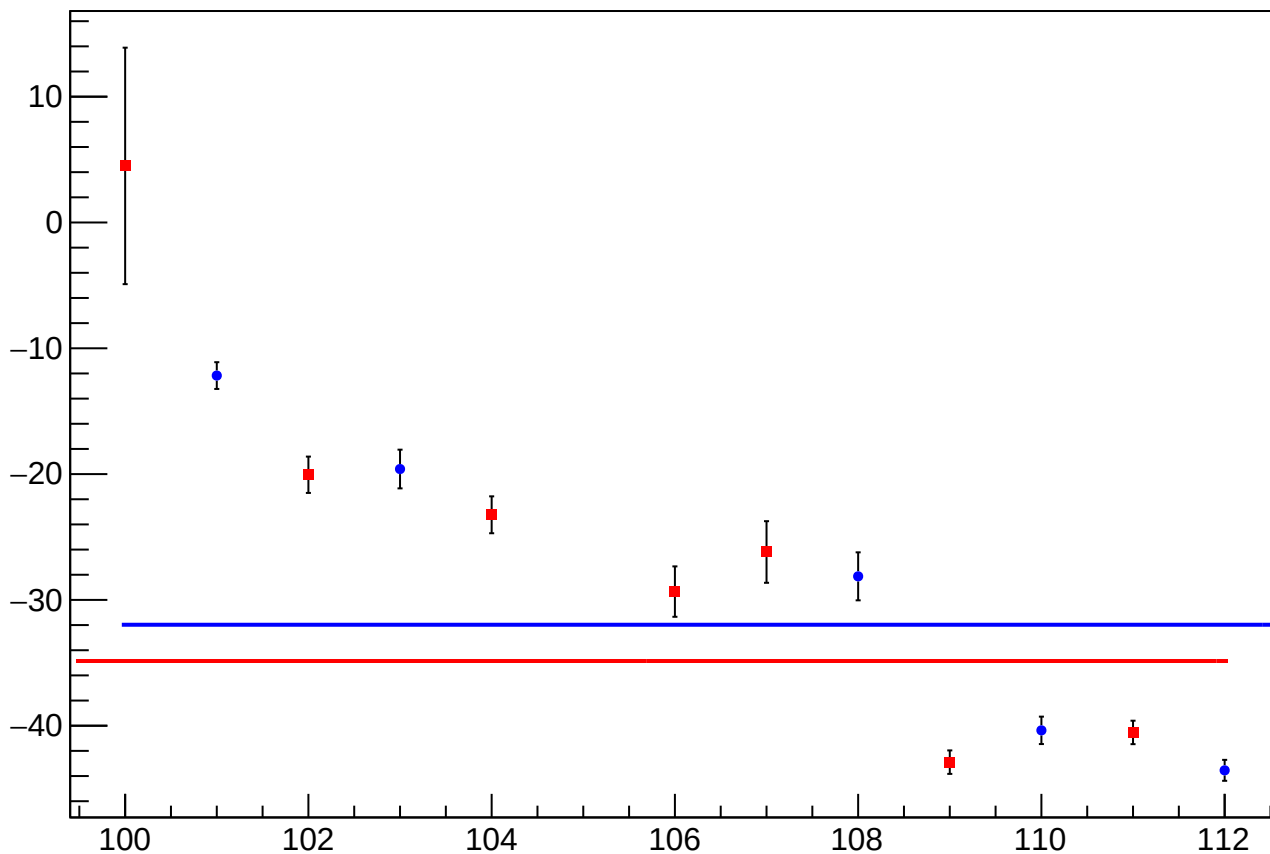
Right: -17.914 $\pm$ 0.018 χ^2 /NDF: 228878.0/11

In: -20.045 $\pm$ 0.027 χ^2 /NDF:12473.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -17.914 $\pm$ 0.018 χ^2 /NDF: 228878.0/11

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -31.974 $\pm$ 0.508 χ^2 /NDF: 668.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -34.856 $\pm$ 0.522 χ^2 /NDF: 316.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

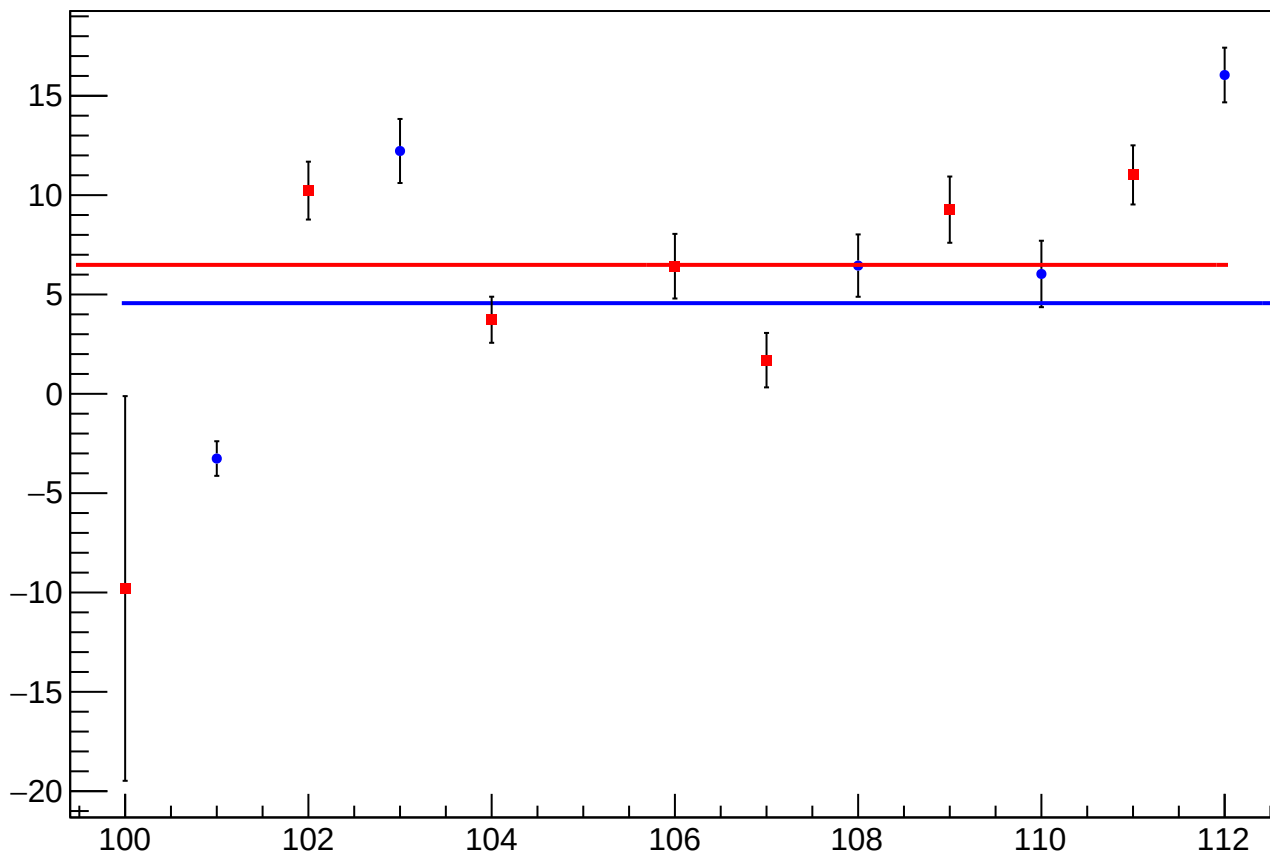
Right: -33.377 $\pm$ 0.364 χ^2 /NDF: 1000.7/11

In: -31.974 $\pm$ 0.508 χ^2 /NDF:668.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -33.377 $\pm$ 0.364 χ^2 /NDF: 1000.7/11

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.563+/-0.578 χ^2/NDF : 175.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.490+/-0.582 χ^2/NDF : 39.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

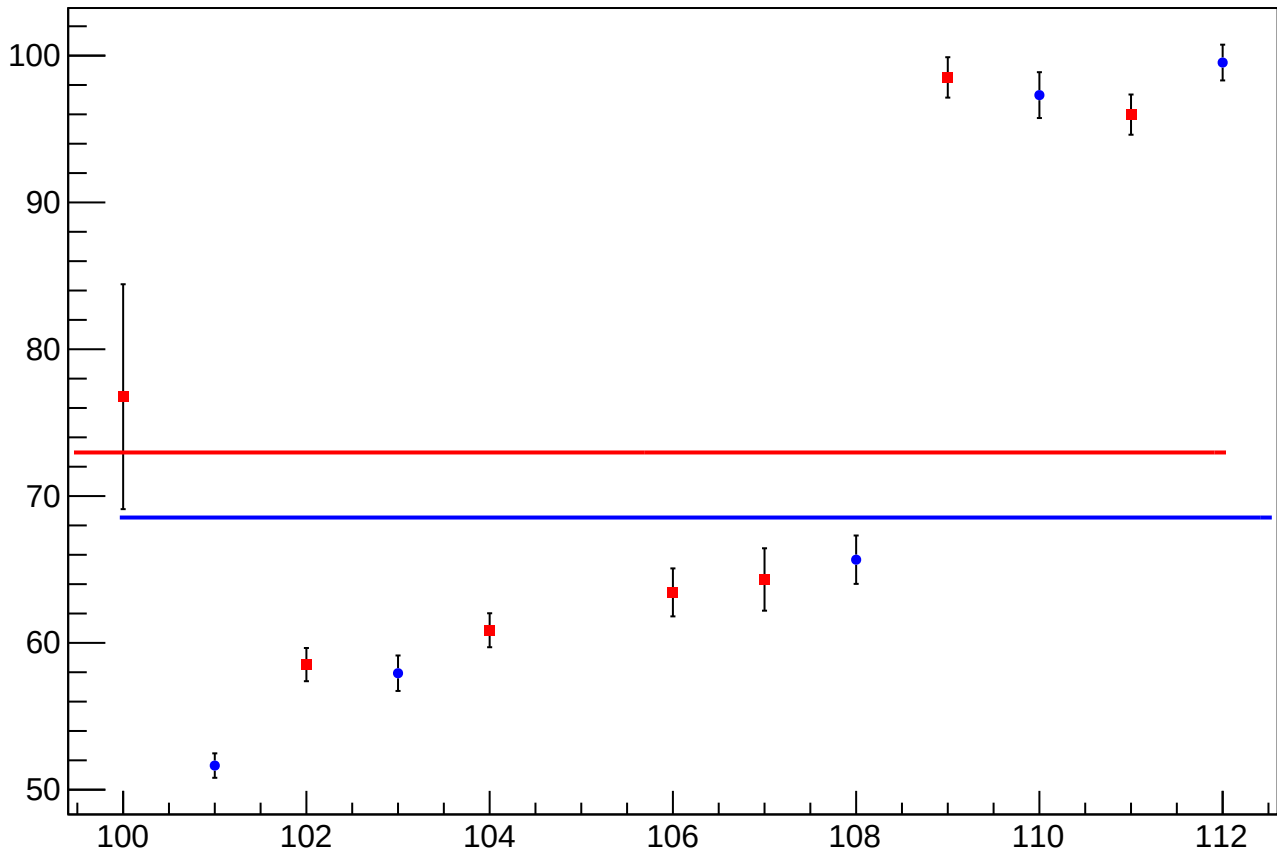
Right: 5.519+/-0.410 χ^2/NDF : 219.9/11

In: 4.563+/-0.578 χ^2/NDF : 175.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.519+/-0.410 χ^2/NDF : 219.9/11

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.538+/-0.528 χ^2/NDF : 1478.8/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 72.969+/-0.559 χ^2/NDF : 950.6/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

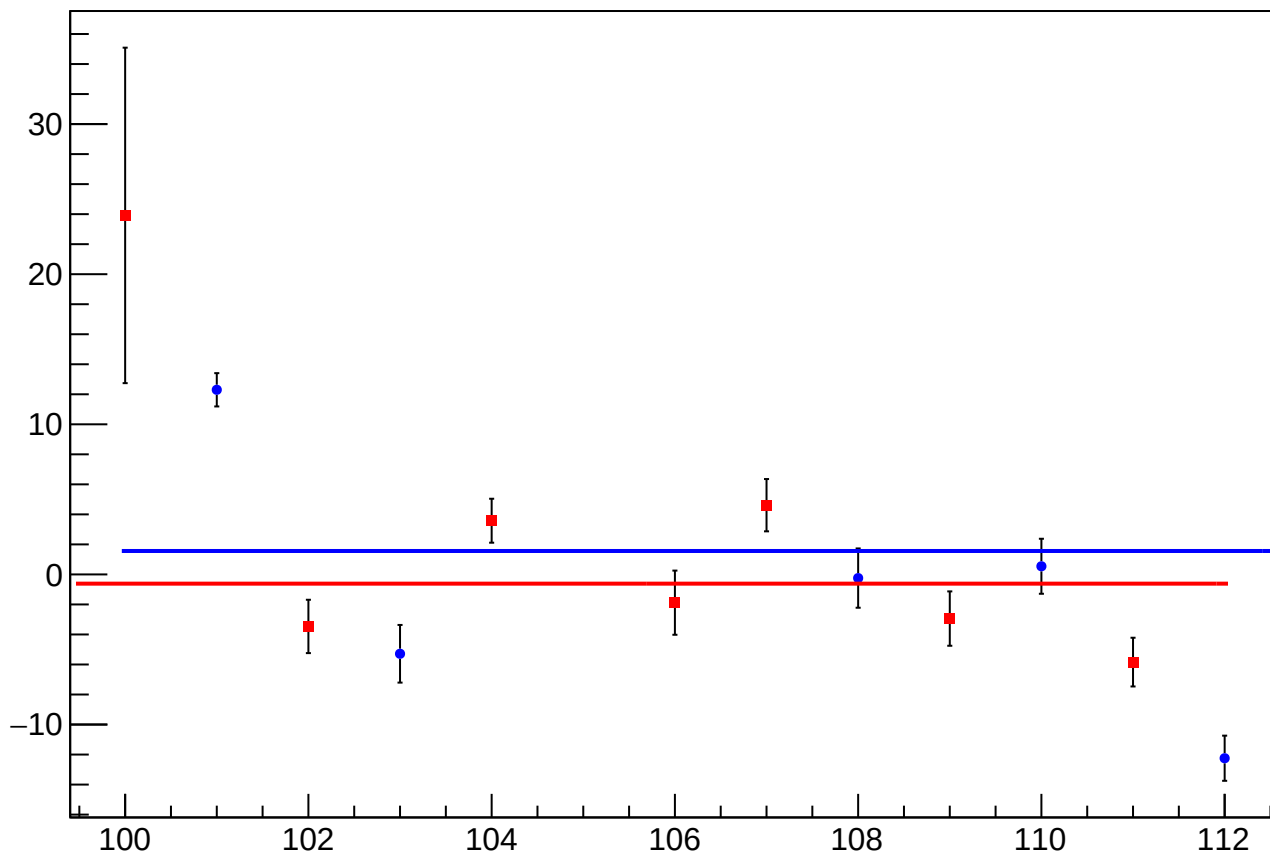
Right: 70.630+/-0.384 χ^2/NDF : 2462.6/11

In: 68.538+/-0.528 χ^2/NDF :1478.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 70.630+/-0.384 χ^2/NDF : 2462.6/11

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.561+/-0.693 χ^2/NDF : 191.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.615+/-0.703 χ^2/NDF : 37.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

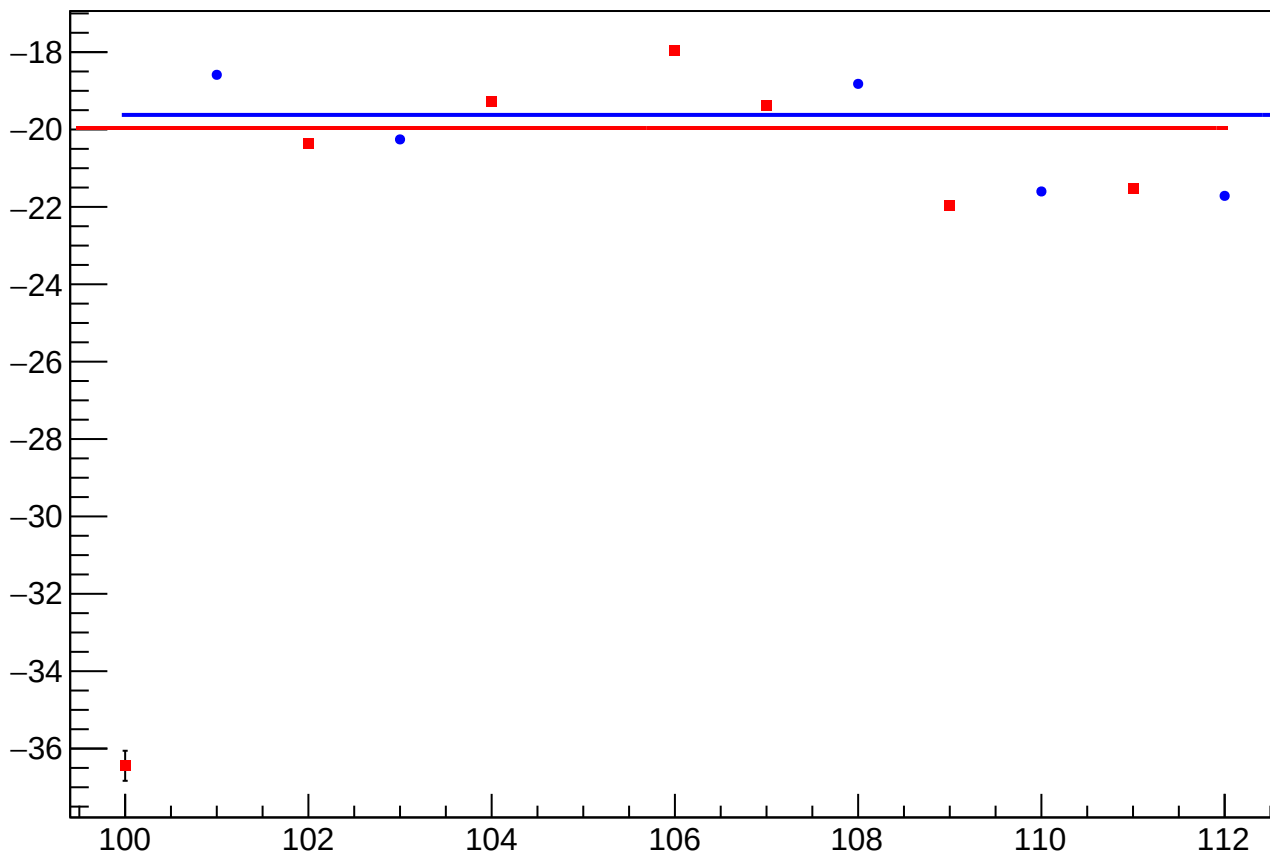
Right: 0.488+/-0.494 χ^2/NDF : 233.7/11

In: 1.561+/-0.693 χ^2/NDF : 191.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.488+/-0.494 χ^2/NDF : 233.7/11

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.622 $\pm$ 0.029 χ^2 /NDF: 1449.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -19.961 $\pm$ 0.028 χ^2 /NDF: 3397.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

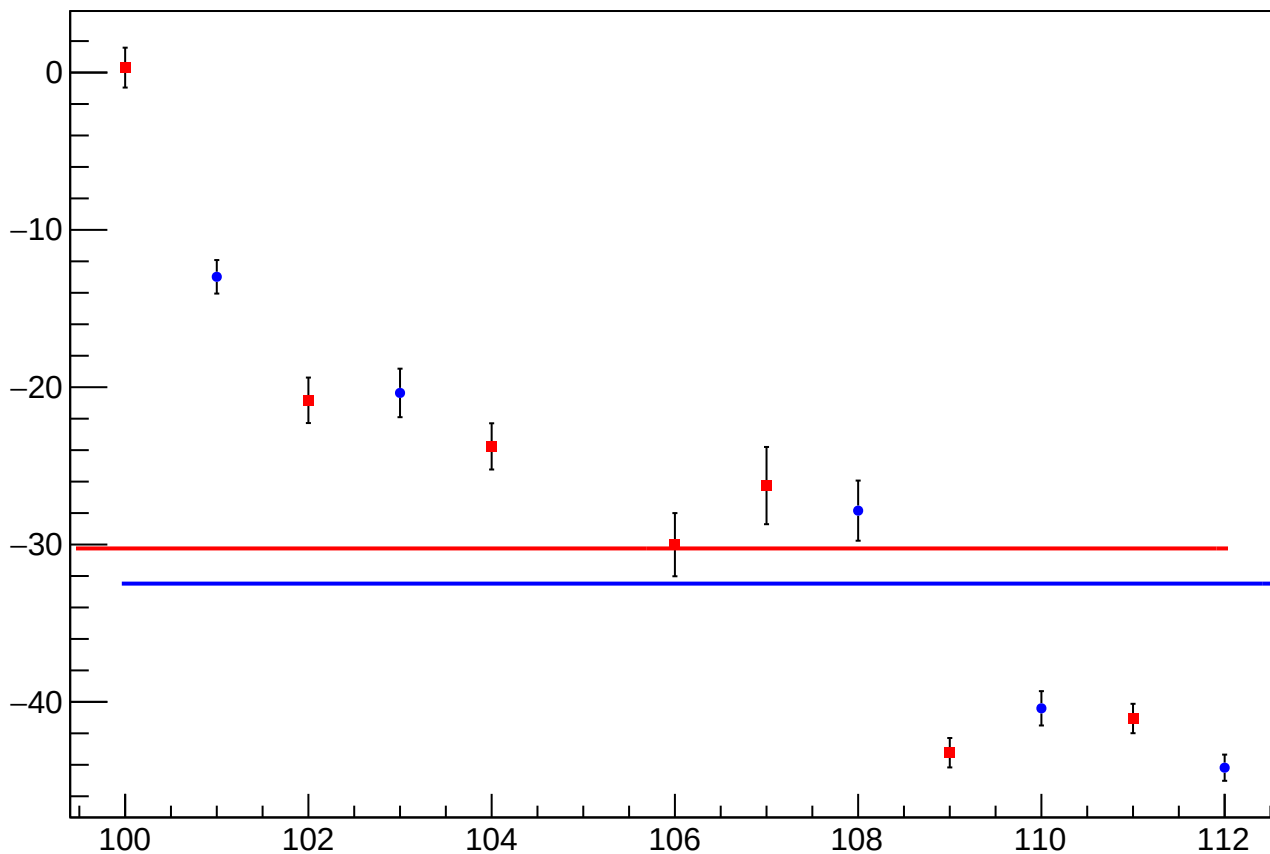
Right: -19.795 $\pm$ 0.020 χ^2 /NDF: 4916.6/11

In: -19.622 $\pm$ 0.029 χ^2 /NDF: 1449.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -19.795 $\pm$ 0.020 χ^2 /NDF: 4916.6/11

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -32.483 $\pm$ 0.509 χ^2 /NDF: 652.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -30.248 $\pm$ 0.484 χ^2 /NDF: 972.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

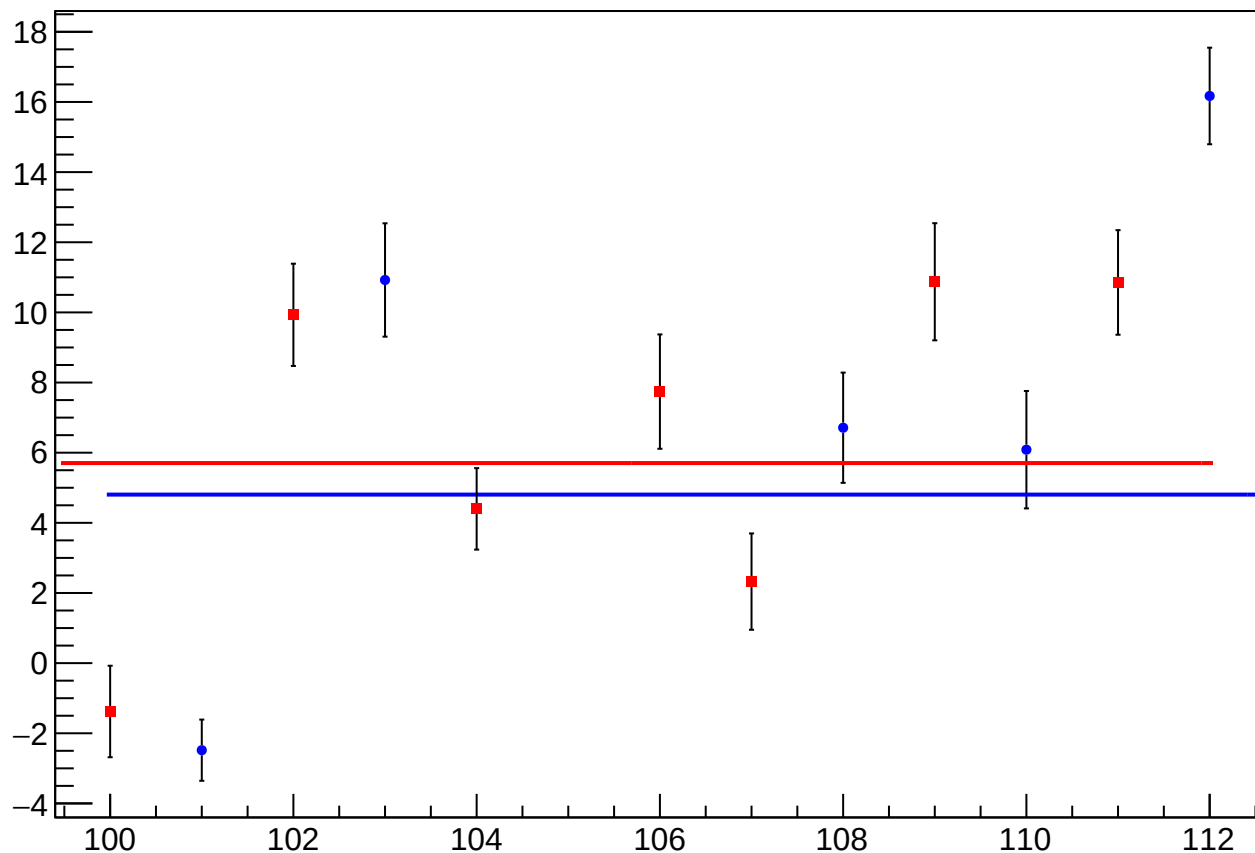
Right: -31.309 $\pm$ 0.351 χ^2 /NDF: 1635.5/11

In: -32.483 $\pm$ 0.509 χ^2 /NDF: 652.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -31.309 $\pm$ 0.351 χ^2 /NDF: 1635.5/11

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.805+/-0.579 χ^2/NDF : 154.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.705+/-0.533 χ^2/NDF : 68.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

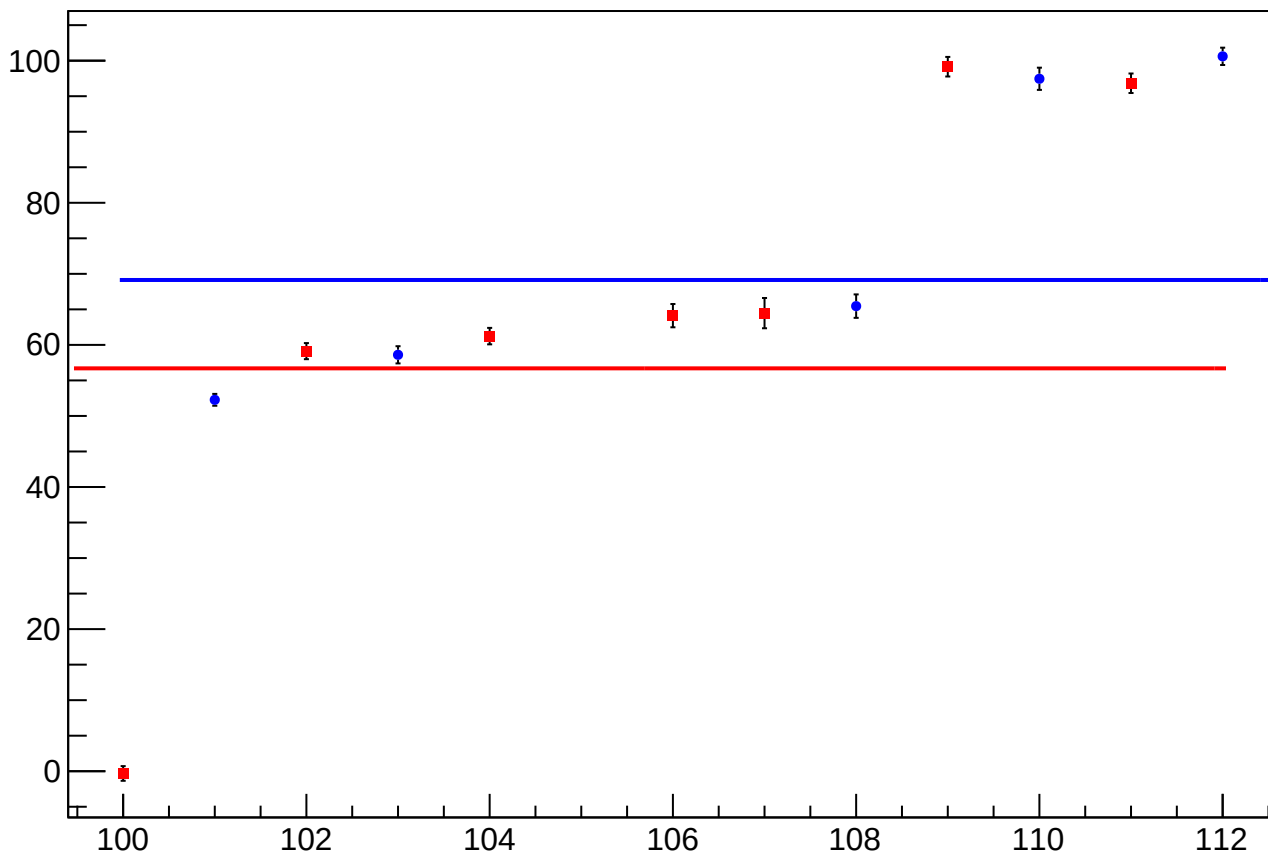
Right: 5.292+/-0.392 χ^2/NDF : 223.8/11

In: 4.805+/-0.579 χ^2/NDF : 154.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.292+/-0.392 χ^2/NDF : 223.8/11

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 69.135+/-0.529 χ^2/NDF : 1484.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.698+/-0.493 χ^2/NDF : 4902.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

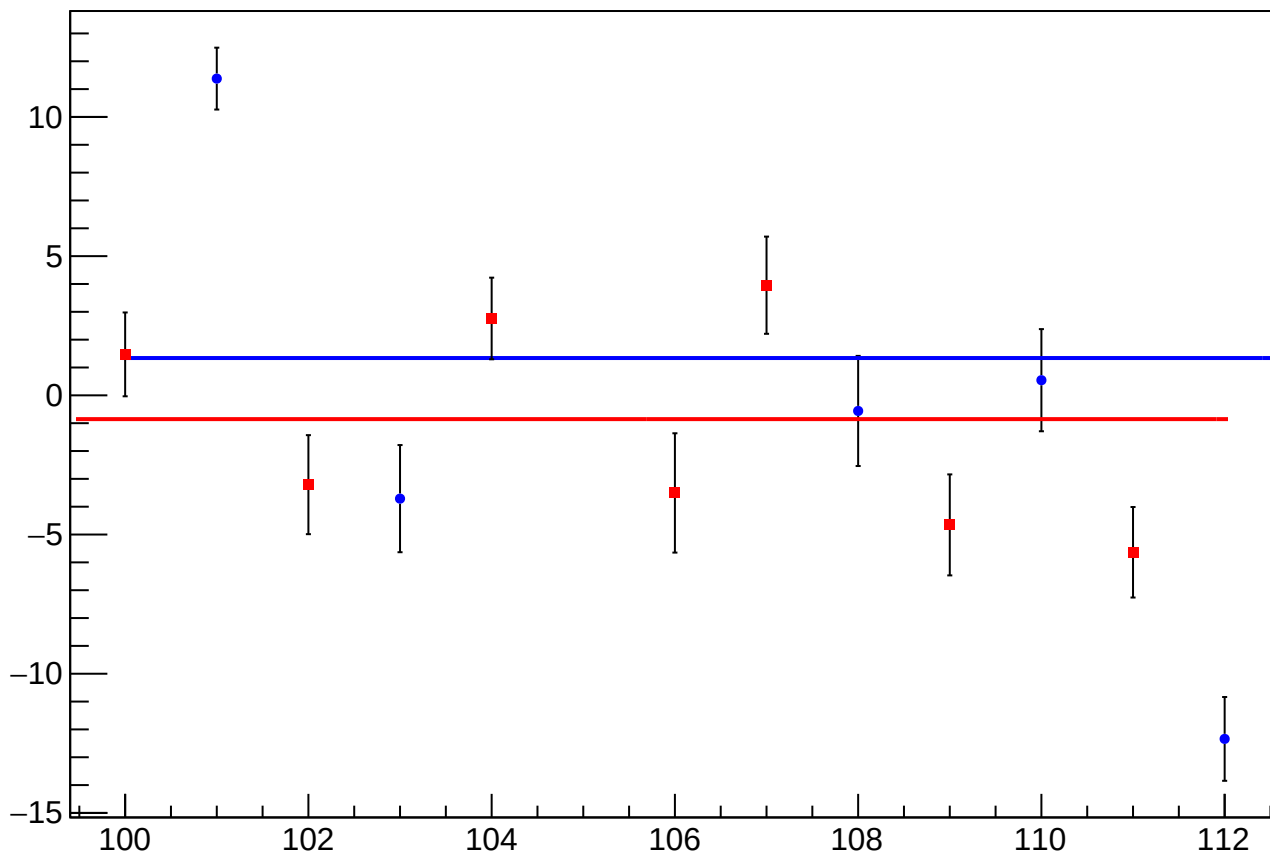
Right: 62.477+/-0.361 χ^2/NDF : 6682.9/11

In: 69.135+/-0.529 χ^2/NDF : 1484.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.477+/-0.361 χ^2/NDF : 6682.9/11

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.340 $\pm$ 0.694 χ^2 /NDF: 172.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.854 $\pm$ 0.639 χ^2 /NDF: 32.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

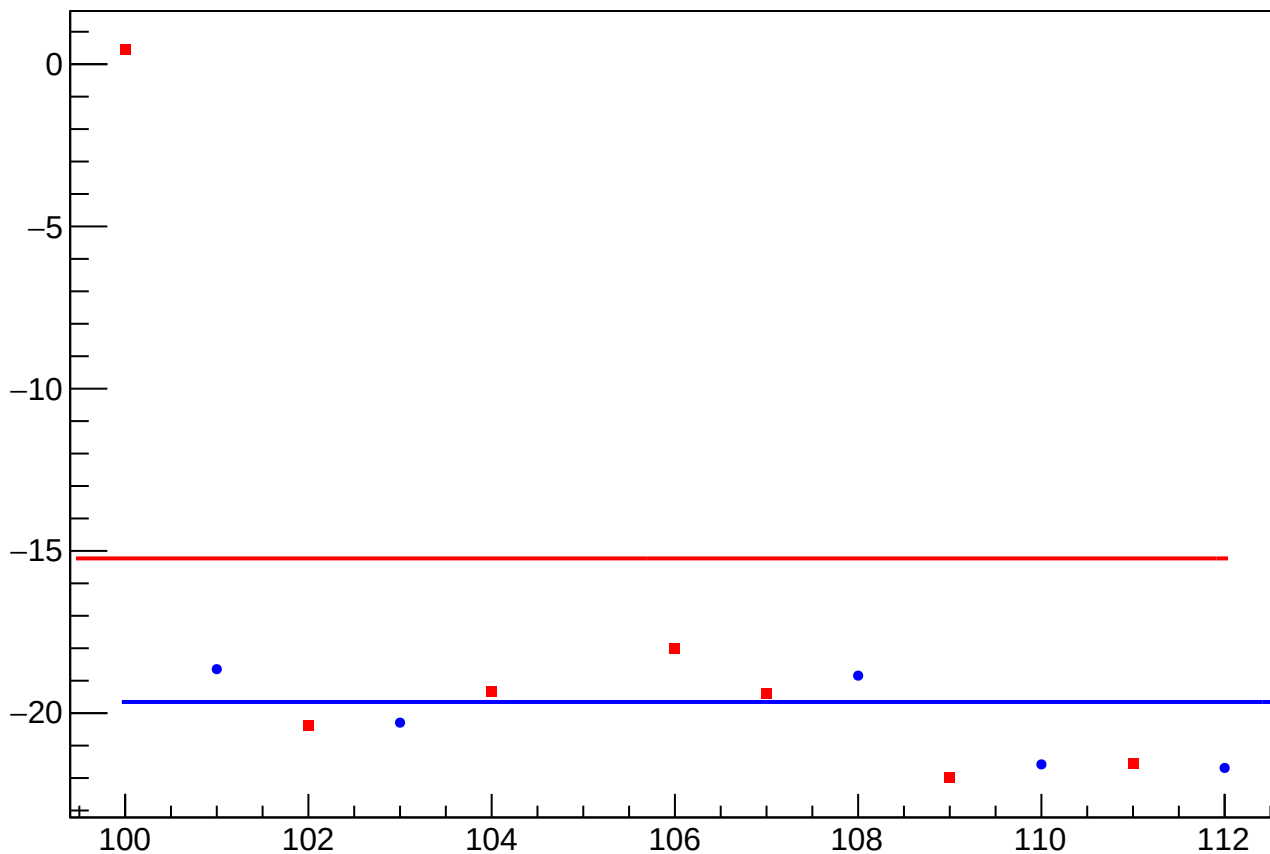
Right: 0.152 $\pm$ 0.470 χ^2 /NDF: 210.0/11

In: 1.340 $\pm$ 0.694 χ^2 /NDF:172.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.152 $\pm$ 0.470 χ^2 /NDF: 210.0/11

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.656+/-0.029 χ^2/NDF : 1390.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.232+/-0.025 χ^2/NDF : 118232.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

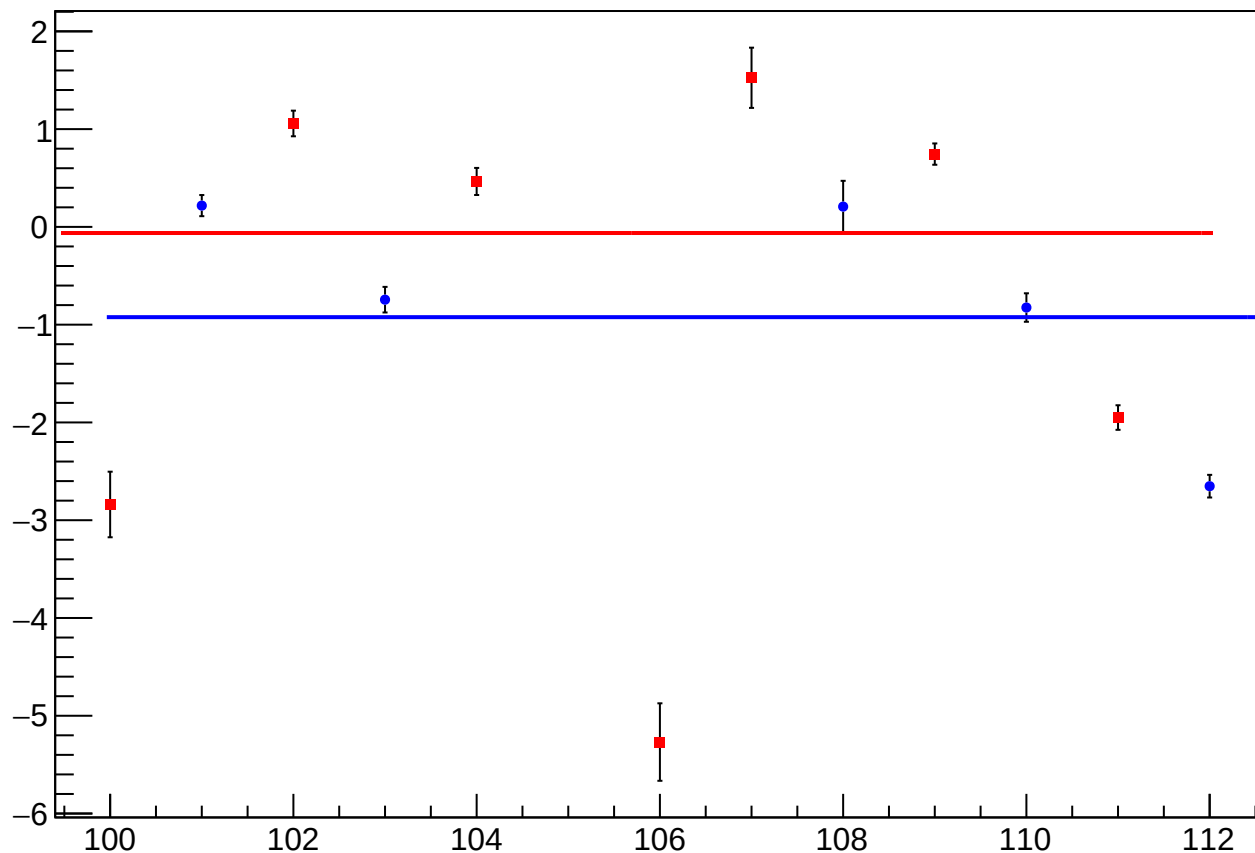
Right: -17.119+/-0.019 χ^2/NDF : 132911.0/11

In: -19.656+/-0.029 χ^2/NDF : 1390.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.119+/-0.019 χ^2/NDF : 132911.0/11

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.923 ± 0.060 χ^2/NDF : 354.8/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.063 ± 0.059 χ^2/NDF : 635.7/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

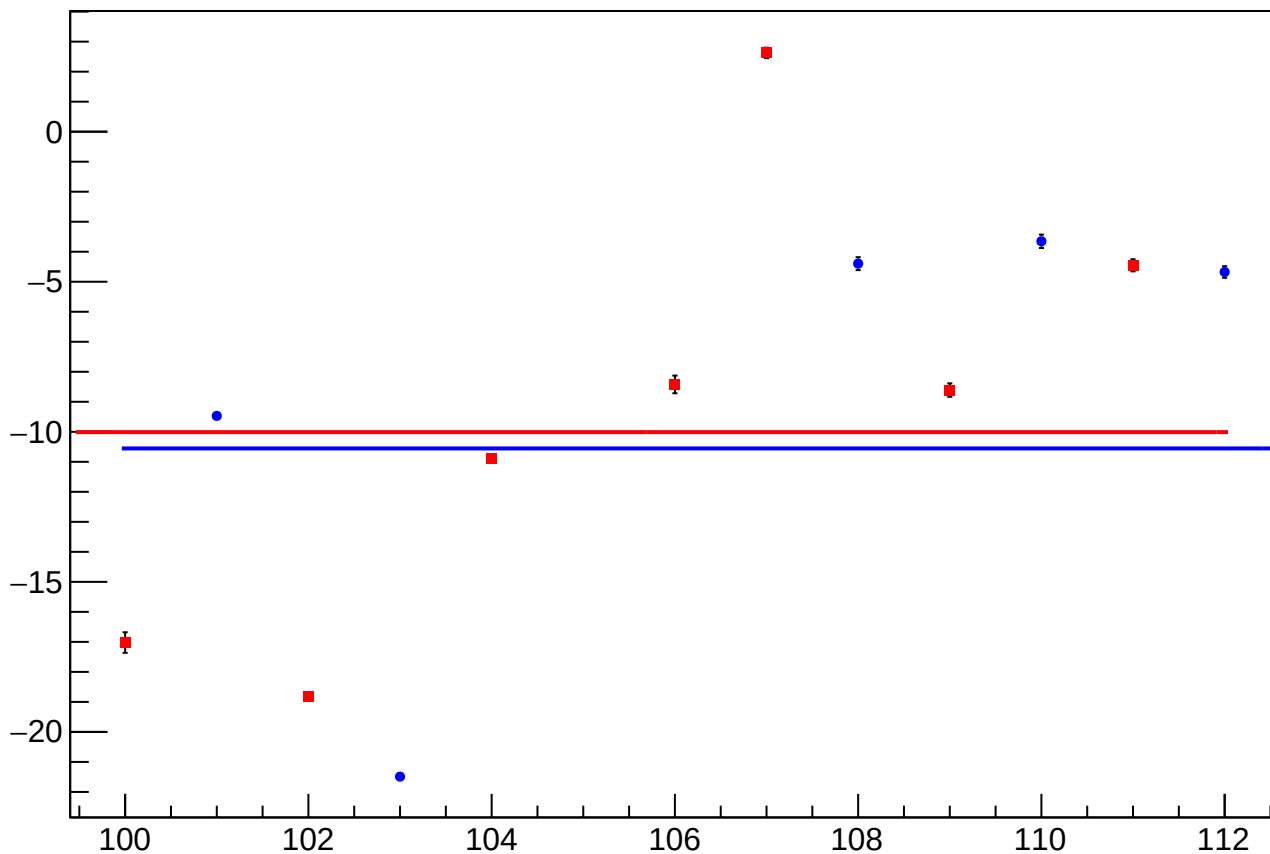
Right: -0.490 ± 0.042 χ^2/NDF : 1094.9/11

In: -0.923 ± 0.060 χ^2/NDF : 354.8/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.490 ± 0.042 χ^2/NDF : 1094.9/11

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -10.555 $\pm$ 0.064 χ^2 /NDF: 9070.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -10.010 $\pm$ 0.067 χ^2 /NDF: 10717.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

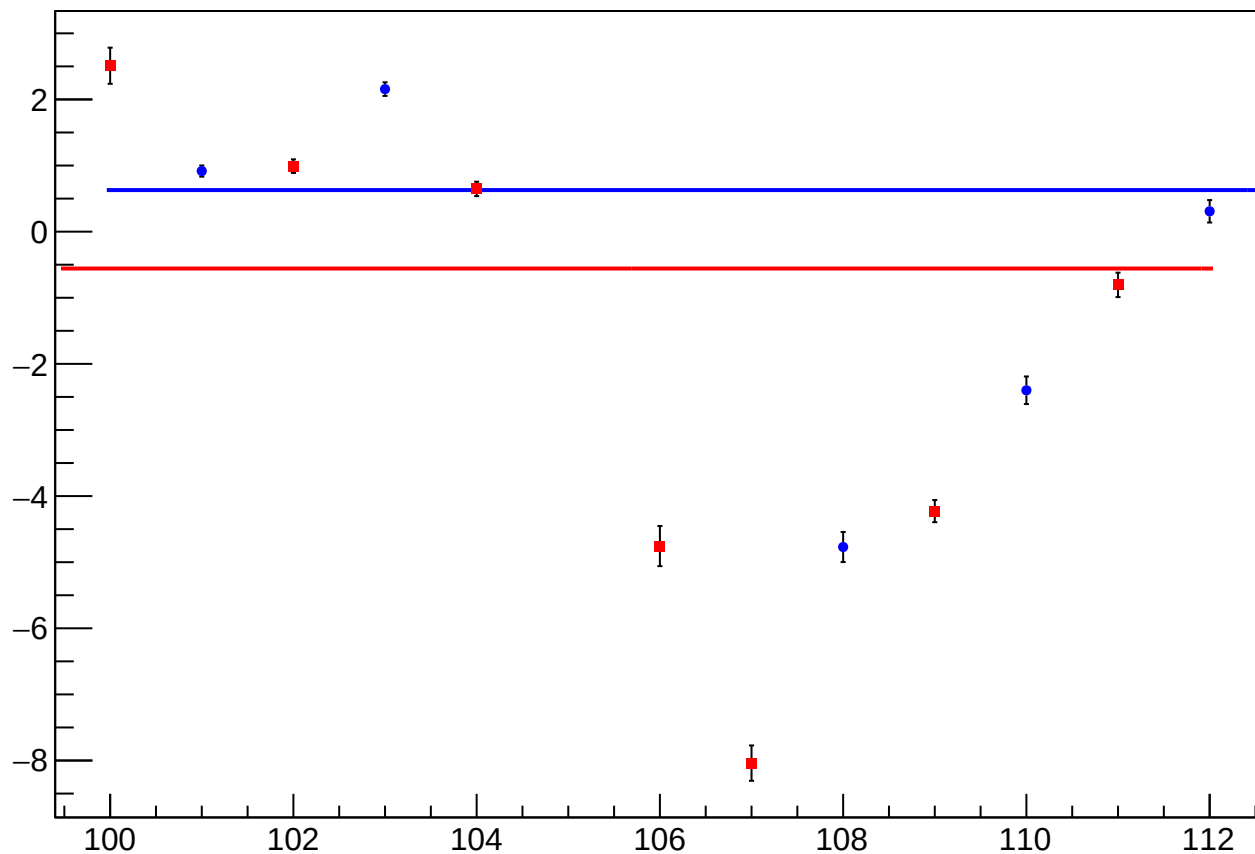
Right: -10.296 $\pm$ 0.046 χ^2 /NDF: 19822.2/11

In: -10.555 $\pm$ 0.064 χ^2 /NDF:9070.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -10.296 $\pm$ 0.046 χ^2 /NDF: 19822.2/11

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.629+/-0.057 χ^2/NDF : 1009.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.558+/-0.060 χ^2/NDF : 1932.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

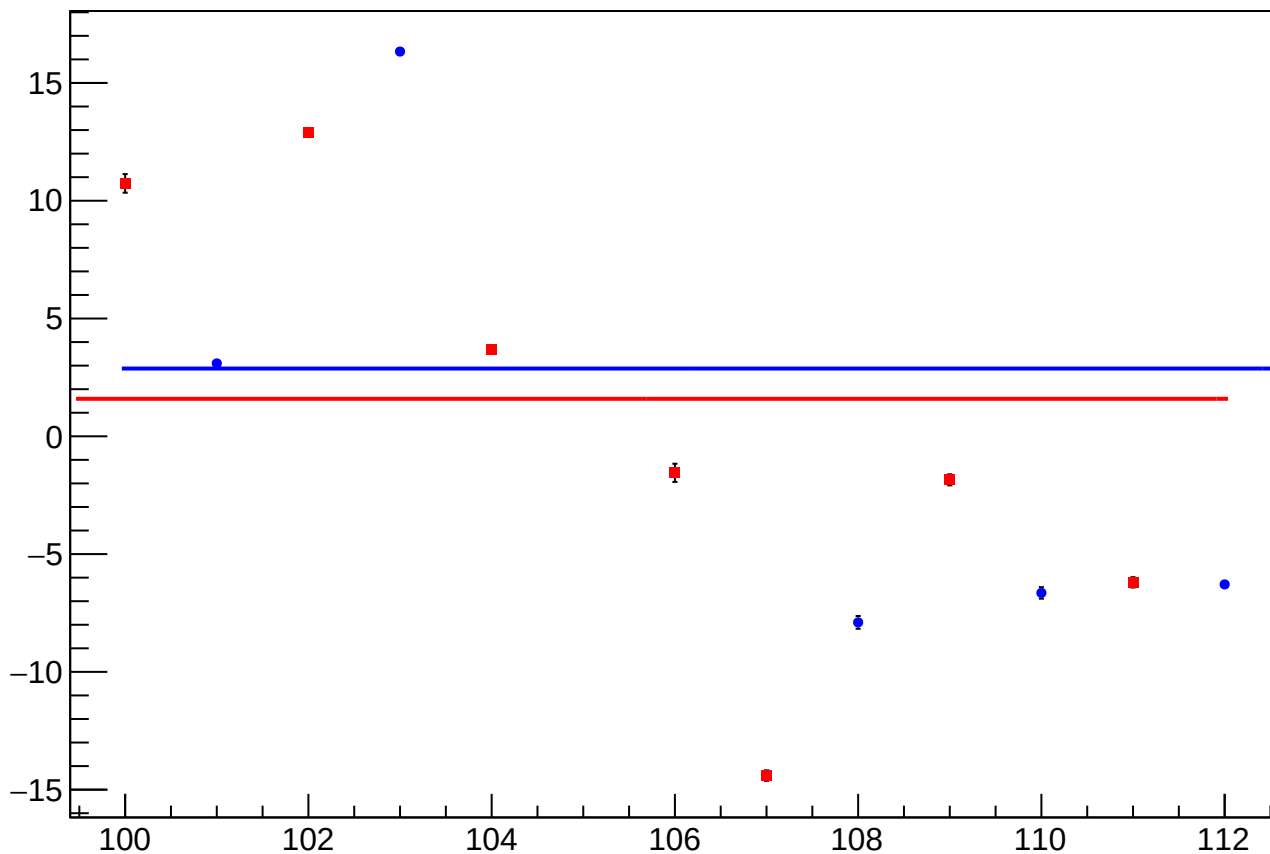
Right: 0.065+/-0.041 χ^2/NDF : 3150.0/11

In: 0.629+/-0.057 χ^2/NDF : 1009.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.065+/-0.041 χ^2/NDF : 3150.0/11

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.877+/-0.077 χ^2/NDF : 11676.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.592+/-0.080 χ^2/NDF : 12167.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

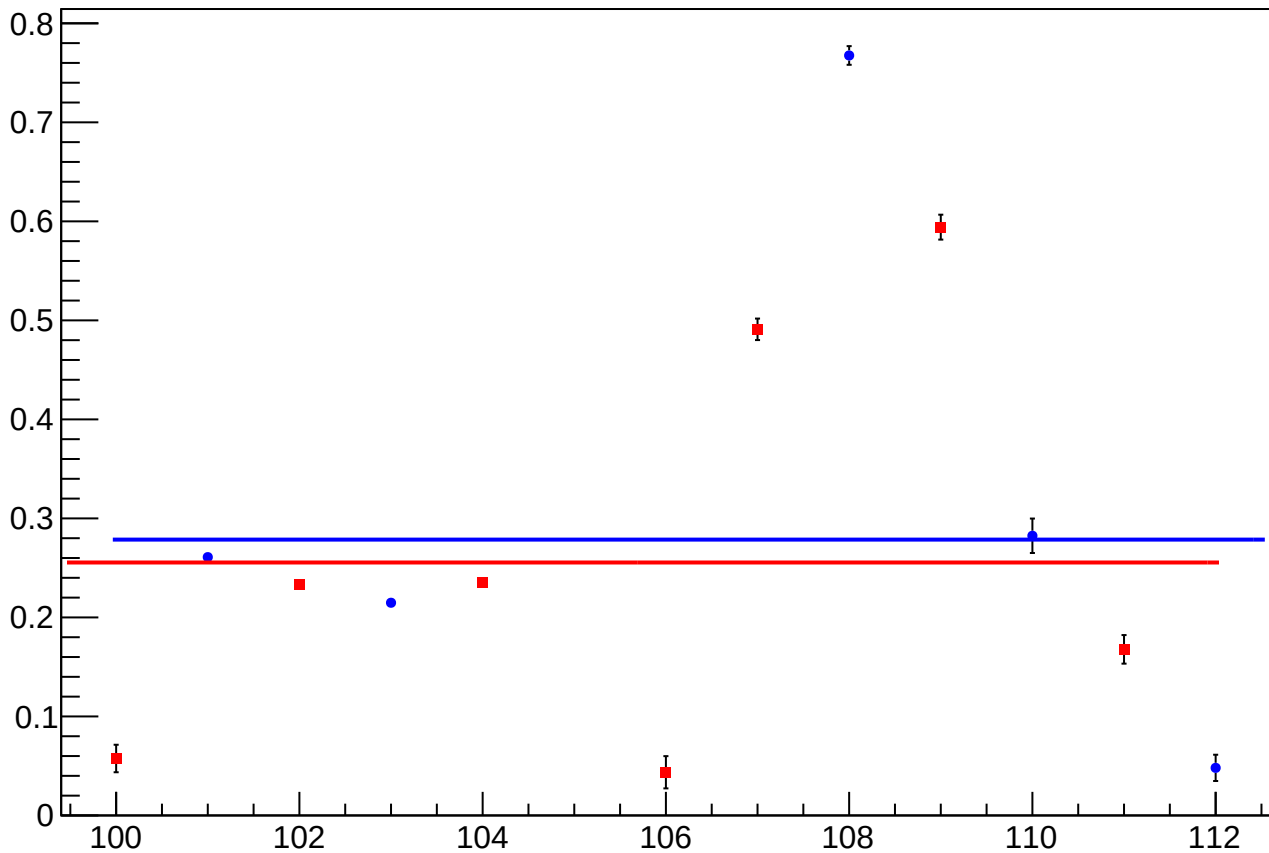
Right: 2.262+/-0.055 χ^2/NDF : 23978.2/11

In: 2.877+/-0.077 χ^2/NDF : 11676.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.262+/-0.055 χ^2/NDF : 23978.2/11

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.279+/-0.003 χ^2/NDF : 3226.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.255+/-0.003 χ^2/NDF : 1645.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

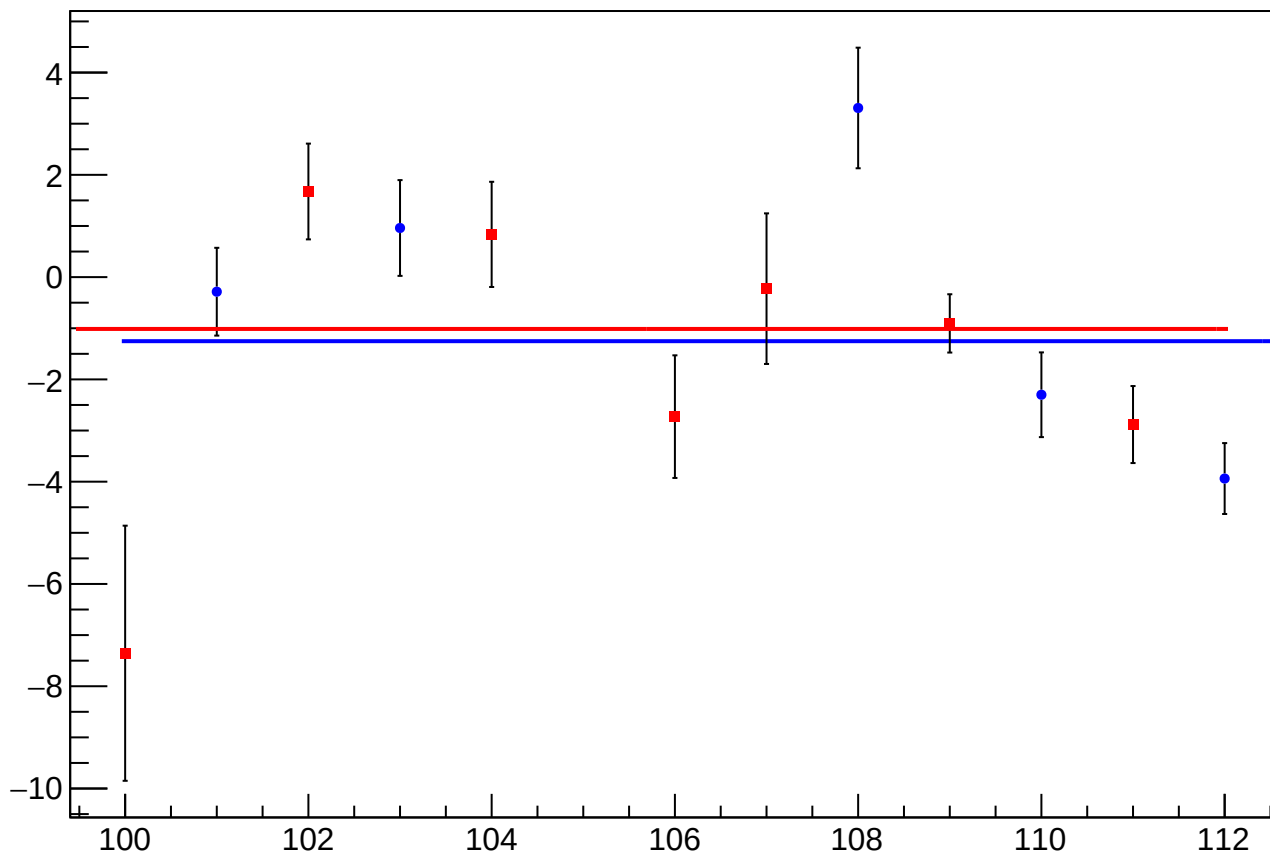
Right: 0.267+/-0.002 χ^2/NDF : 4902.0/11

In: 0.279+/-0.003 χ^2/NDF : 3226.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.267+/-0.002 χ^2/NDF : 4902.0/11

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.253 ± 0.385 χ^2/NDF : 38.4/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.013 ± 0.348 χ^2/NDF : 26.5/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

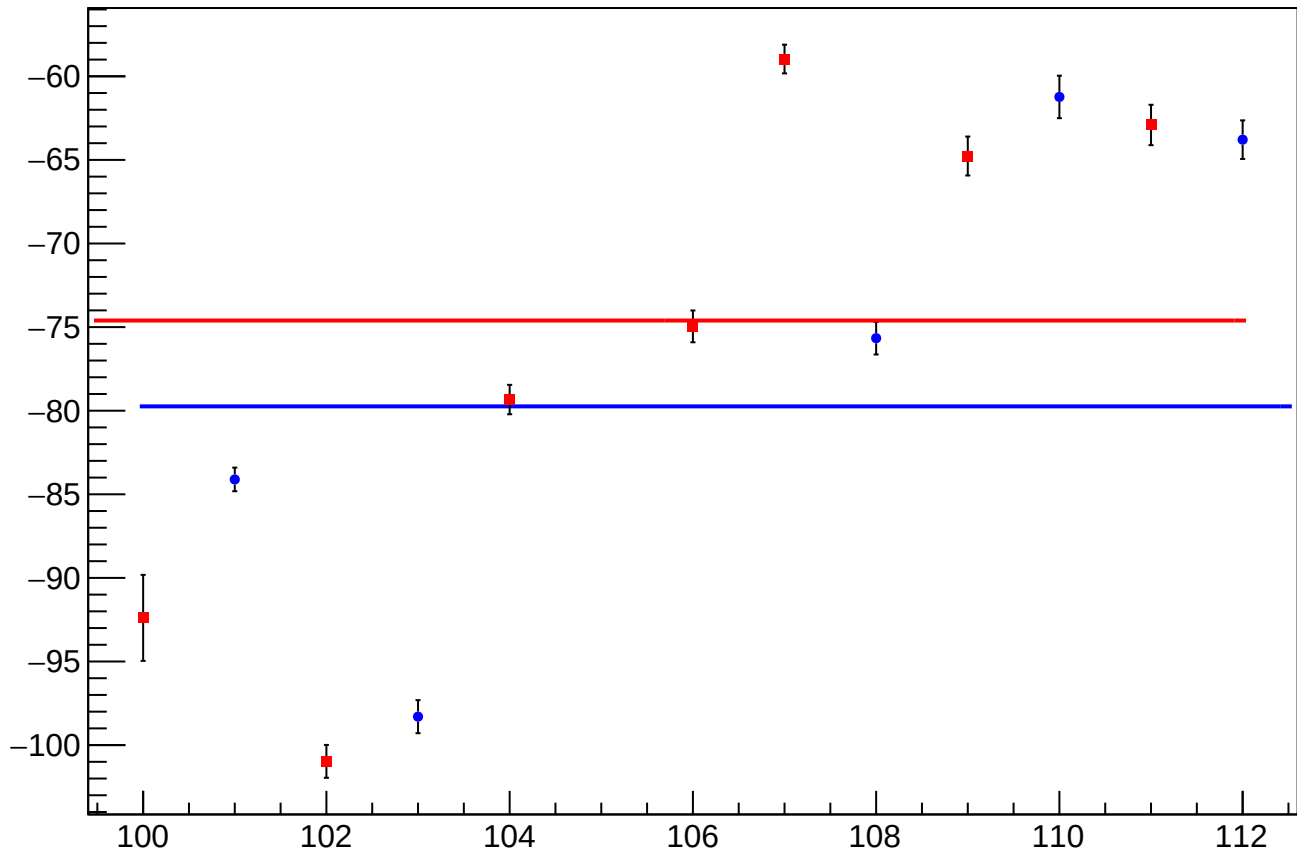
Right: -1.121 ± 0.258 χ^2/NDF : 65.1/11

In: -1.253 ± 0.385 χ^2/NDF : 38.4/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.121 ± 0.258 χ^2/NDF : 65.1/11

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -79.741 ± 0.428 χ^2/NDF : 811.7/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -74.607 ± 0.396 χ^2/NDF : 1292.6/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

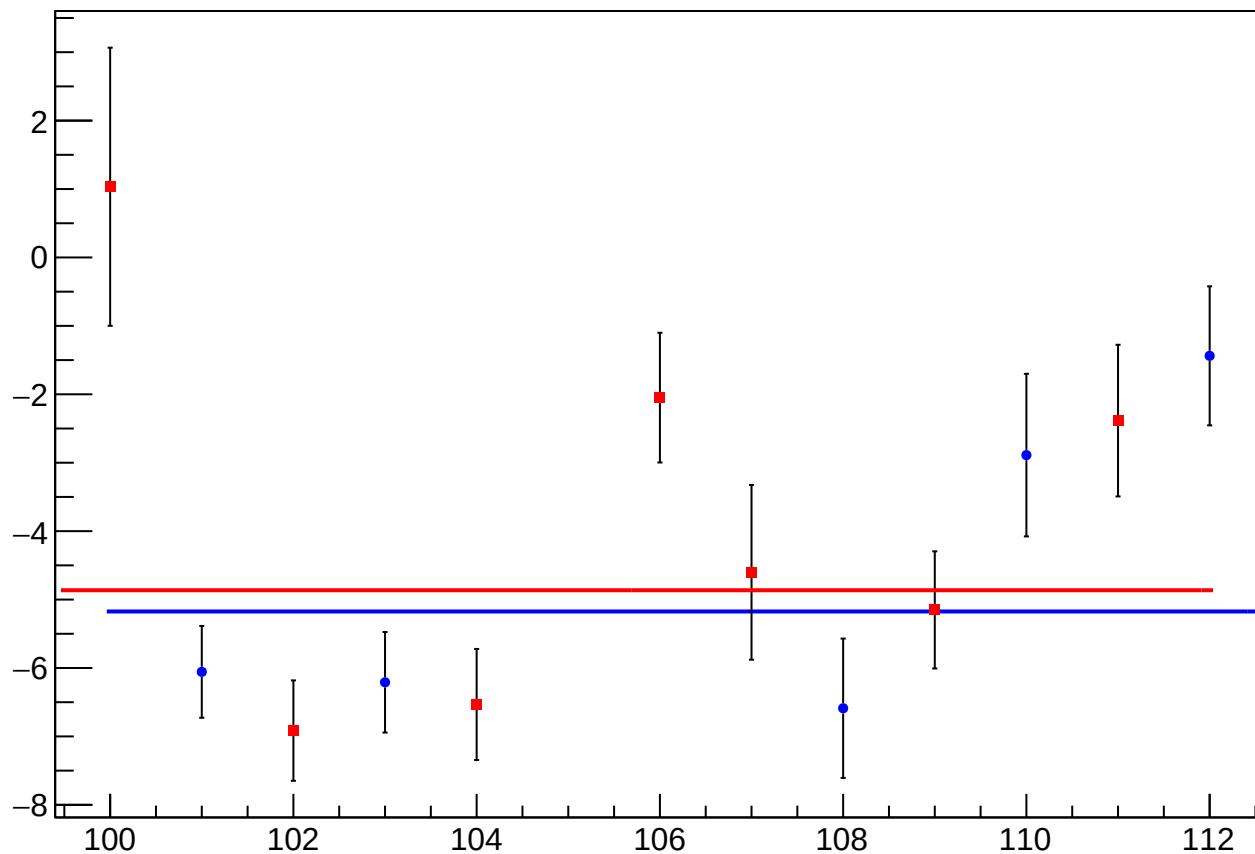
Right: -76.976 ± 0.291 χ^2/NDF : 2181.7/11

In: -79.741 ± 0.428 χ^2/NDF : 811.7/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -76.976 ± 0.291 χ^2/NDF : 2181.7/11

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.174 ± 0.386 χ^2/NDF : 22.9/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.864 ± 0.365 χ^2/NDF : 34.4/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

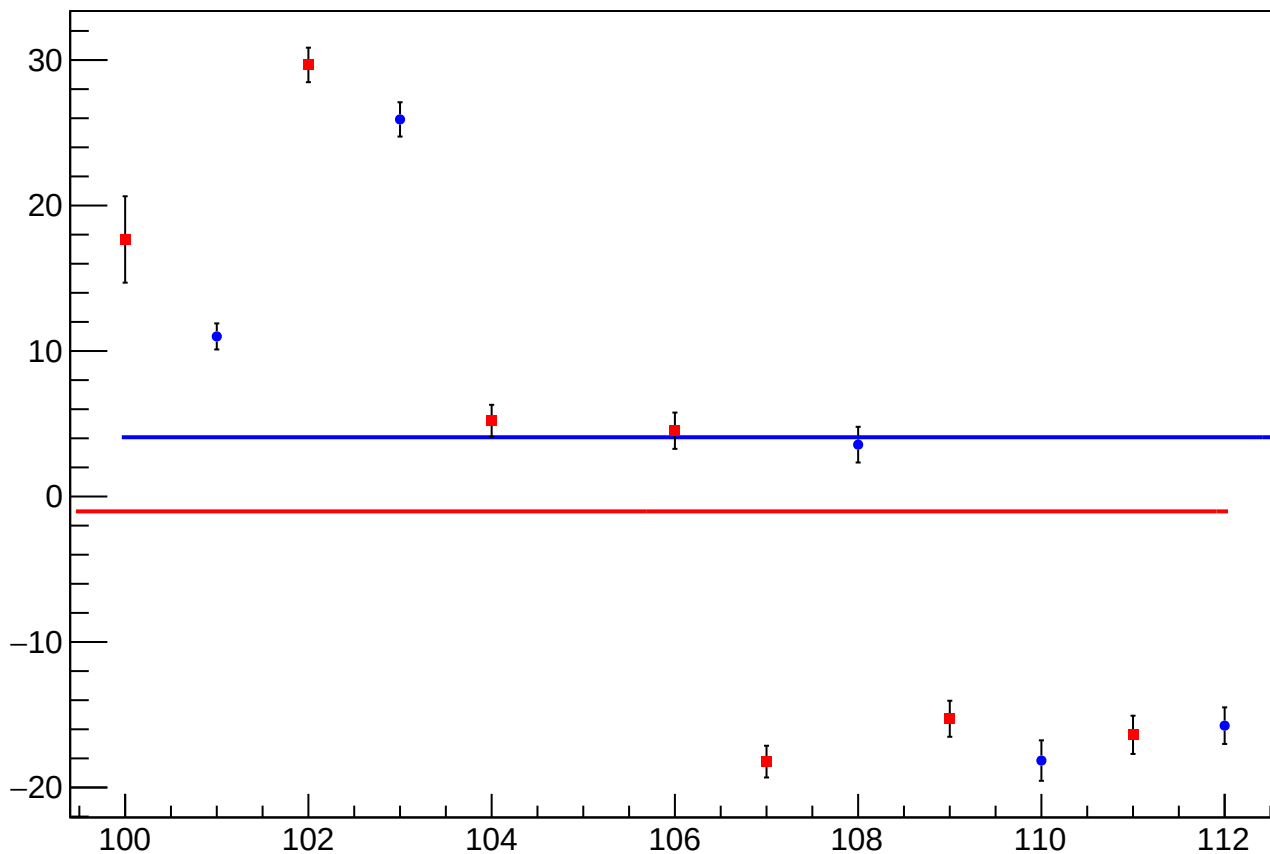
Right: -5.010 ± 0.265 χ^2/NDF : 57.6/11

In: -5.174 ± 0.386 χ^2/NDF : 22.9/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.010 ± 0.265 χ^2/NDF : 57.6/11

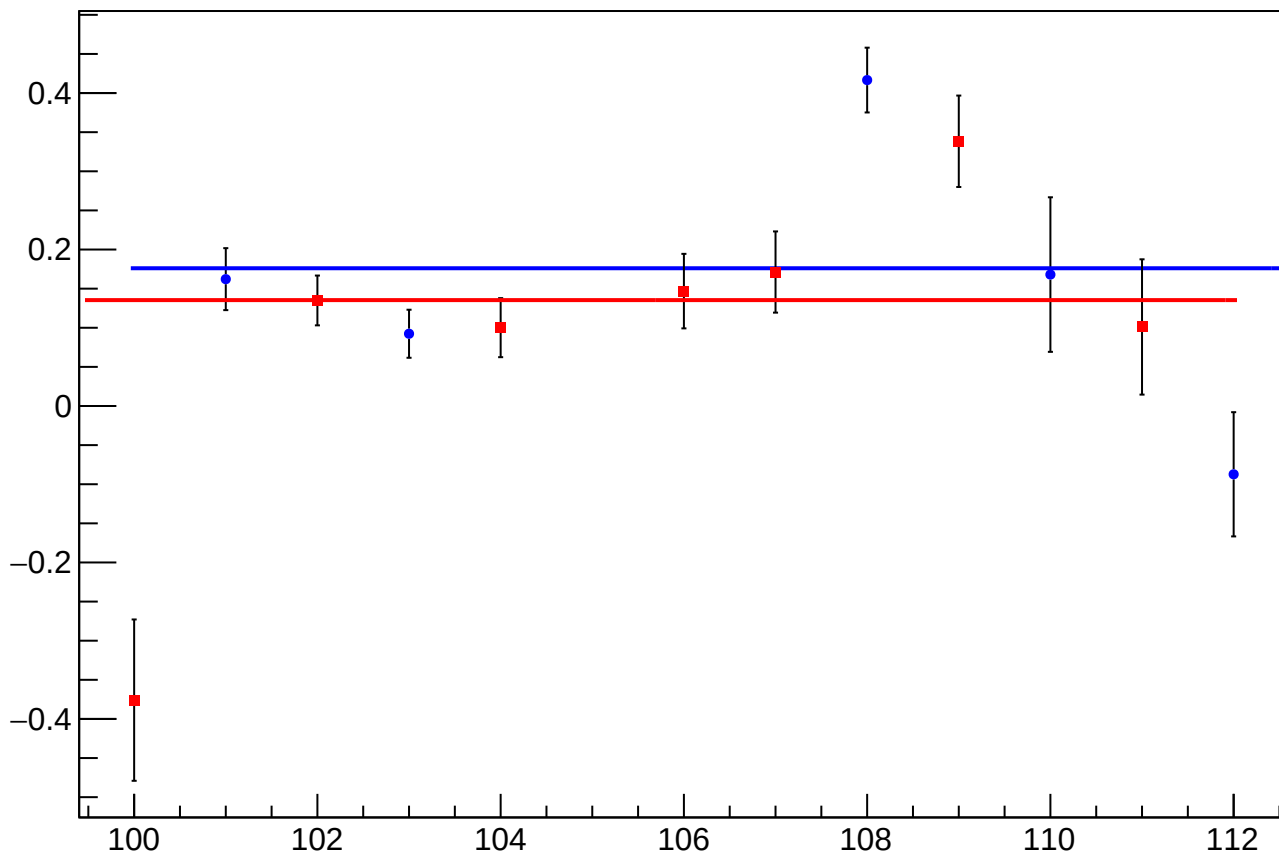
reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.073+/-0.514 χ^2/NDF : 907.3/4
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1.022+/-0.478 χ^2/NDF : 1278.4/6
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 1.342+/-0.350 χ^2/NDF : 2238.3/11
 In: 4.073+/-0.514 χ^2/NDF : 907.3/4
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1.342+/-0.350 χ^2/NDF : 2238.3/11

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.176 $\pm$ 0.020 χ^2 /NDF: 52.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.135 $\pm$ 0.018 χ^2 /NDF: 38.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

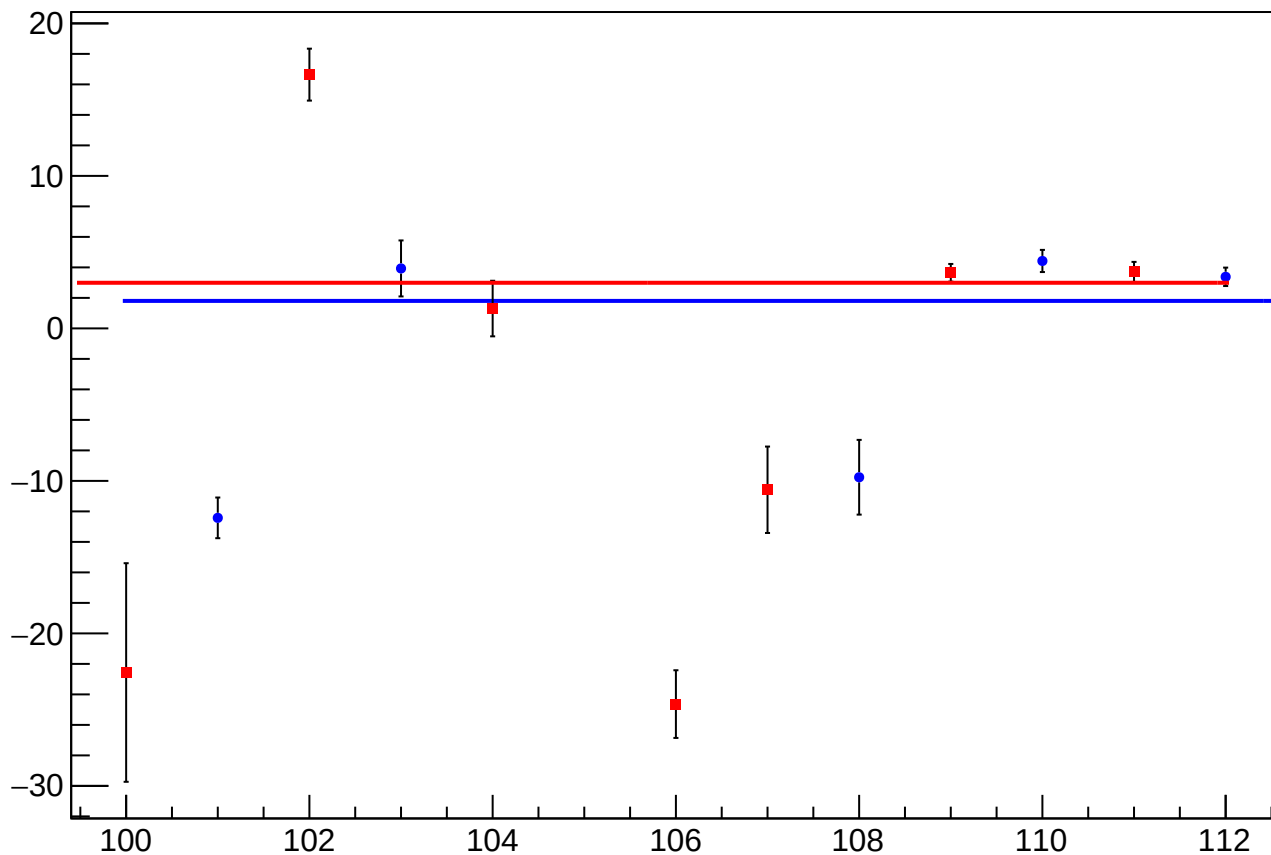
Right: 0.154 $\pm$ 0.013 χ^2 /NDF: 92.8/11

In: 0.176 $\pm$ 0.020 χ^2 /NDF:52.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.154 $\pm$ 0.013 χ^2 /NDF: 92.8/11

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.803+/-0.420 χ^2/NDF : 157.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.992+/-0.399 χ^2/NDF : 258.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

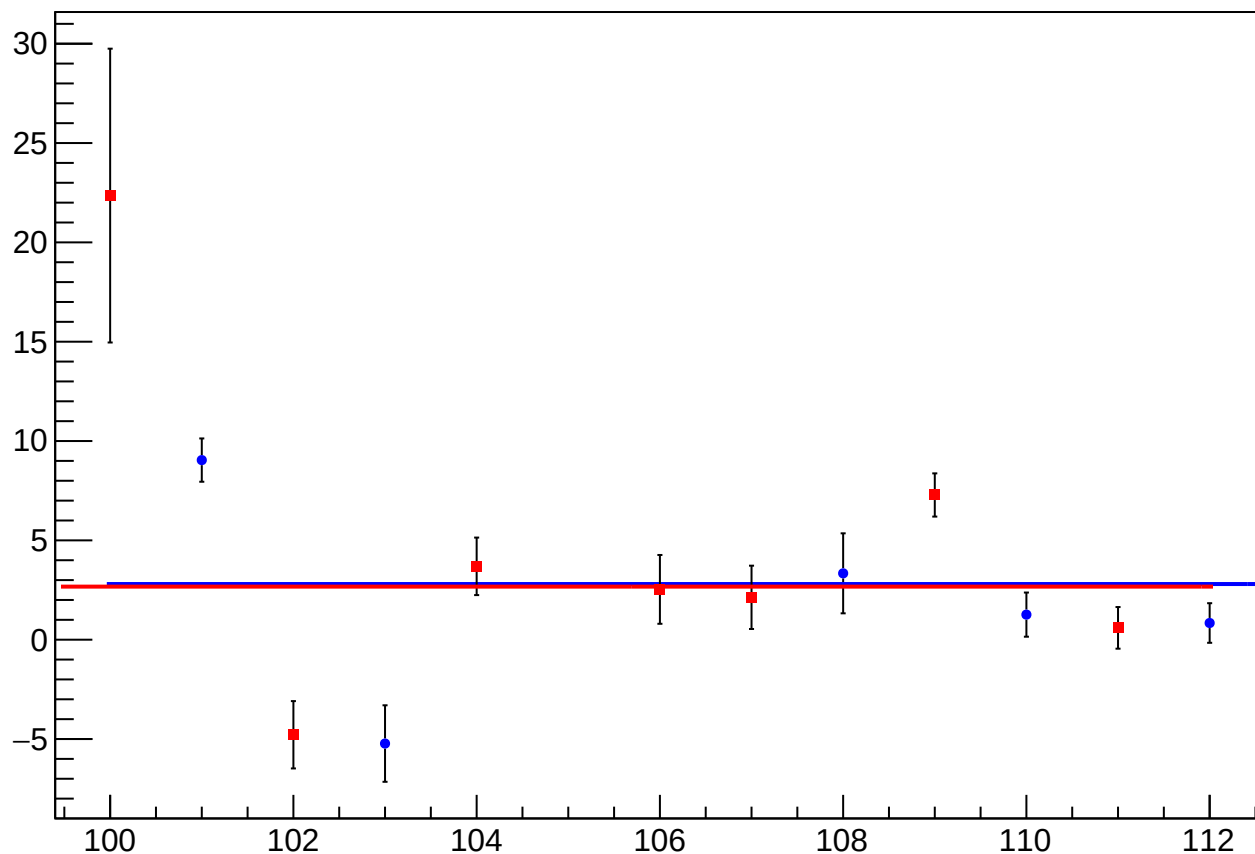
Right: 2.428+/-0.289 χ^2/NDF : 419.7/11

In: 1.803+/-0.420 χ^2/NDF : 157.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.428+/-0.289 χ^2/NDF : 419.7/11

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.802 $\pm$ 0.561 χ^2 /NDF: 56.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.672 $\pm$ 0.548 χ^2 /NDF: 49.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

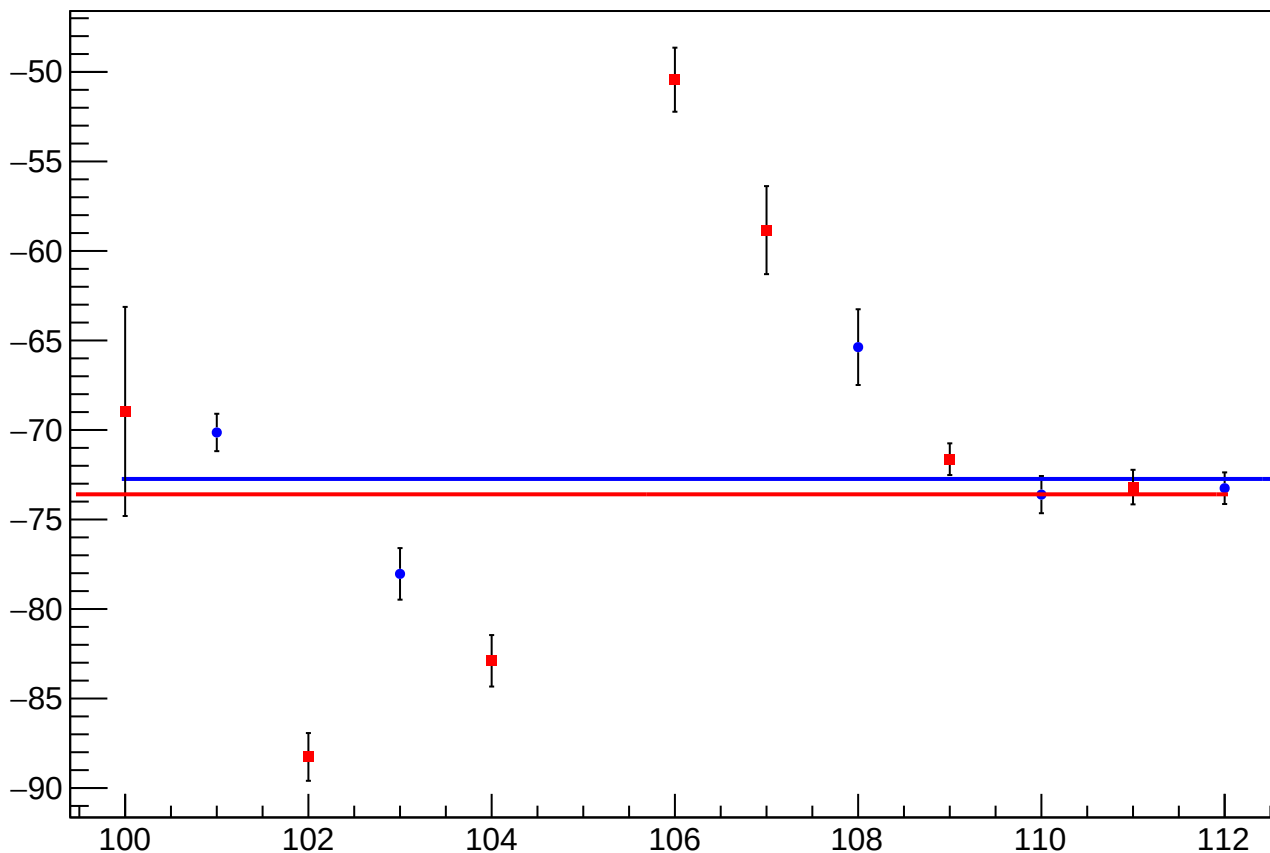
Right: 2.735 $\pm$ 0.392 χ^2 /NDF: 105.0/11

In: 2.802 $\pm$ 0.561 χ^2 /NDF:56.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.735 $\pm$ 0.392 χ^2 /NDF: 105.0/11

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.735 $\pm$ 0.511 χ^2 /NDF: 32.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -73.594 $\pm$ 0.506 χ^2 /NDF: 372.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

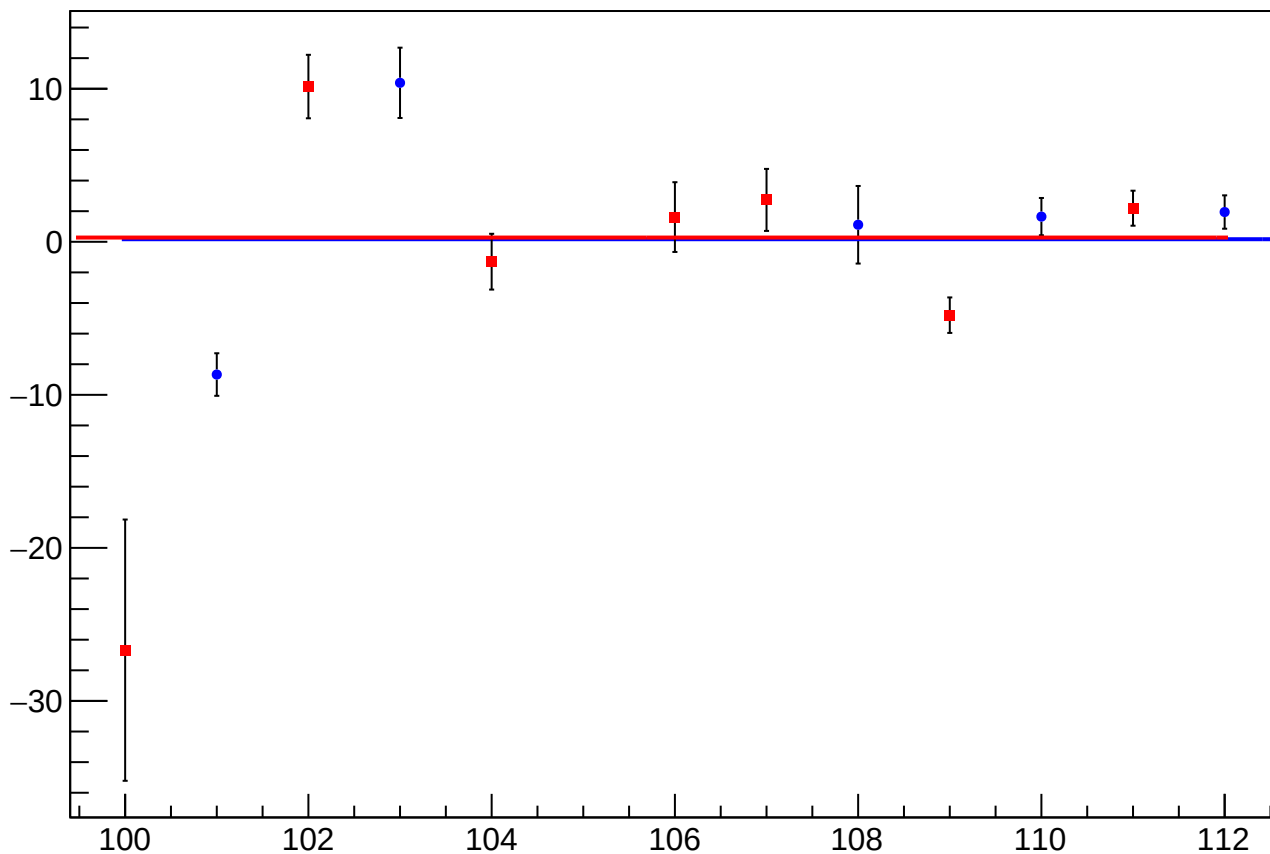
Right: -73.168 $\pm$ 0.360 χ^2 /NDF: 406.4/11

In: -72.735 $\pm$ 0.511 χ^2 /NDF: 32.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -73.168 $\pm$ 0.360 χ^2 /NDF: 406.4/11

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.169+/-0.649 χ^2/NDF : 64.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.278+/-0.633 χ^2/NDF : 57.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

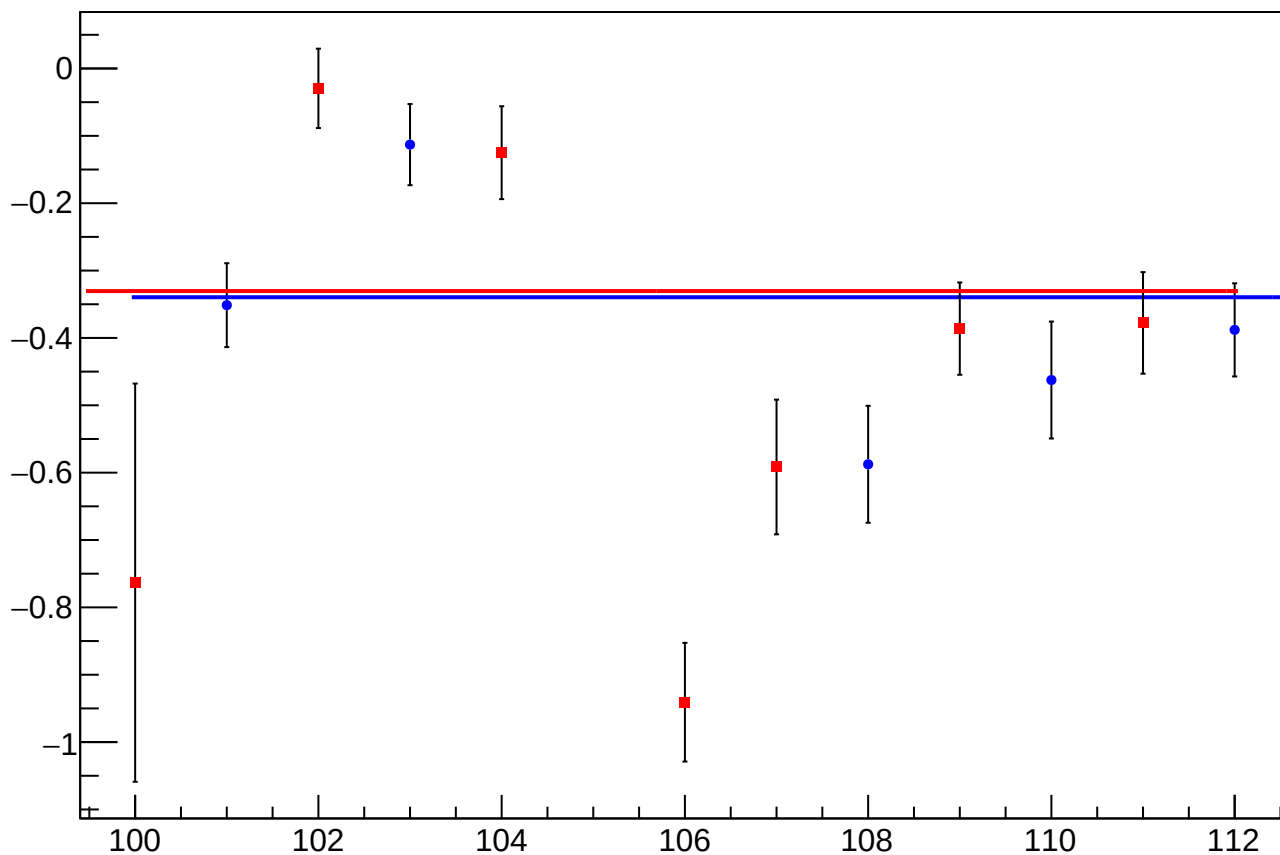
Right: 0.224+/-0.453 χ^2/NDF : 121.6/11

In: 0.169+/-0.649 χ^2/NDF : 64.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.224+/-0.453 χ^2/NDF : 121.6/11

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.340 ± 0.031 χ^2/NDF : 24.8/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.330 ± 0.030 χ^2/NDF : 93.0/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

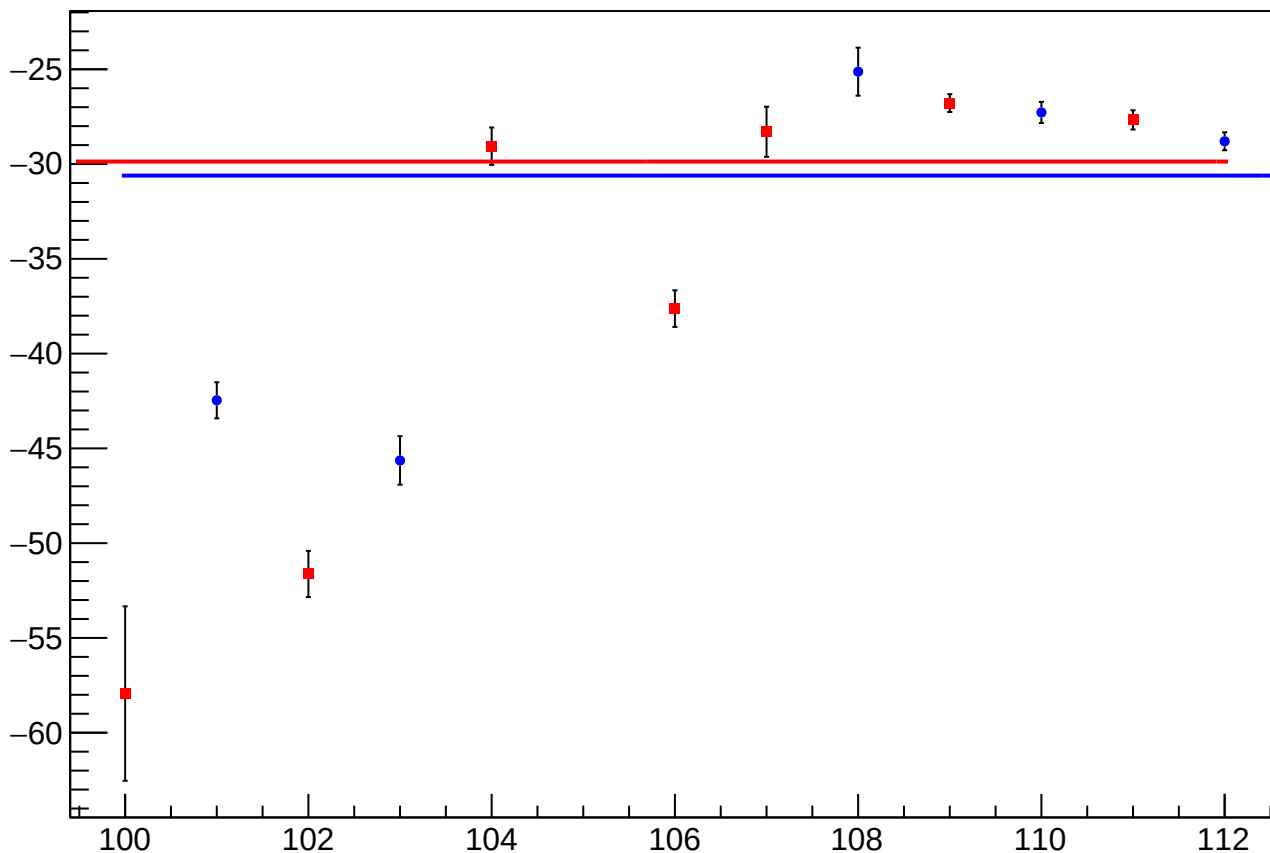
Right: -0.335 ± 0.022 χ^2/NDF : 117.8/11

In: -0.340 ± 0.031 χ^2/NDF : 24.8/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.335 ± 0.022 χ^2/NDF : 117.8/11

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -30.609+/-0.316 χ^2/NDF : 361.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.868+/-0.291 χ^2/NDF : 483.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

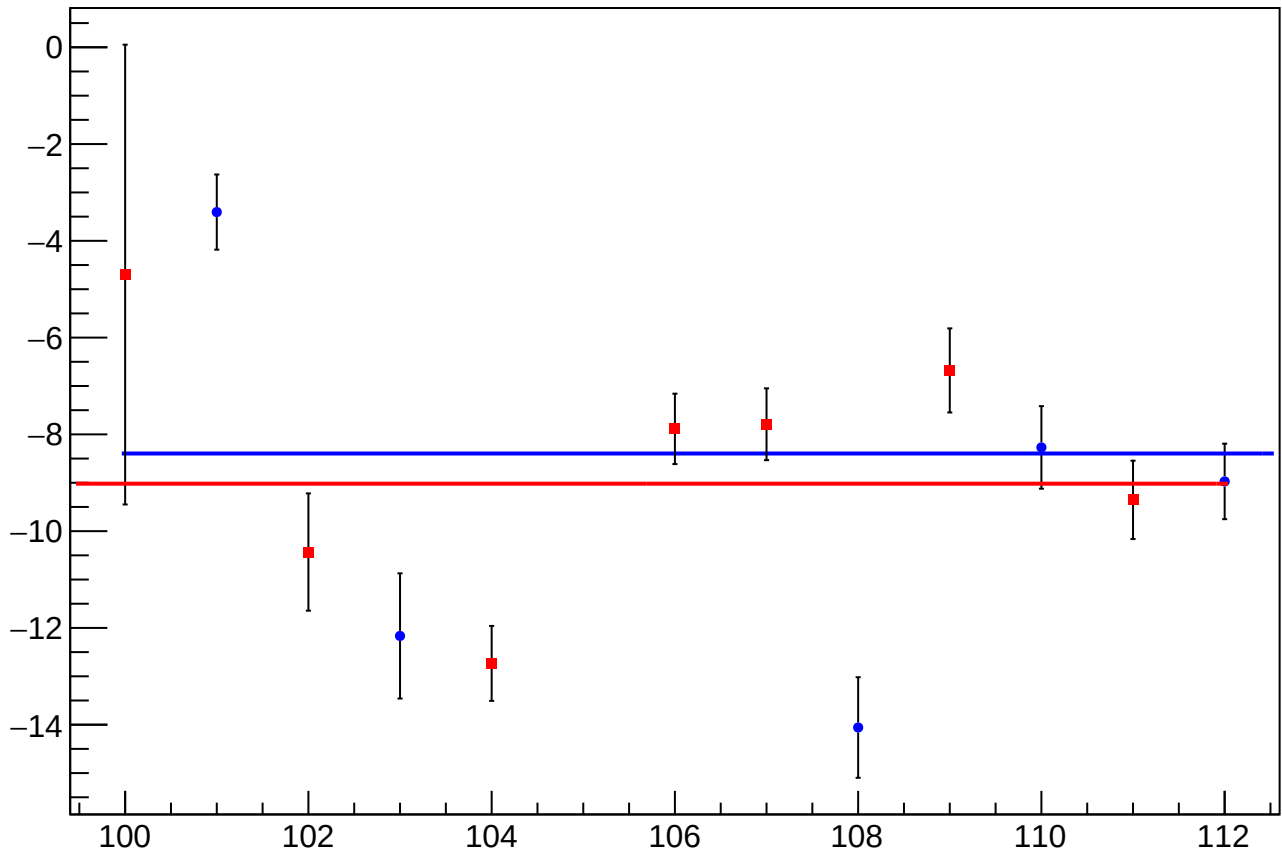
Right: -30.208+/-0.214 χ^2/NDF : 848.4/11

In: -30.609+/-0.316 χ^2/NDF : 361.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.208+/-0.214 χ^2/NDF : 848.4/11

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.395+/-0.402 χ^2/NDF : 80.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.019+/-0.334 χ^2/NDF : 37.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

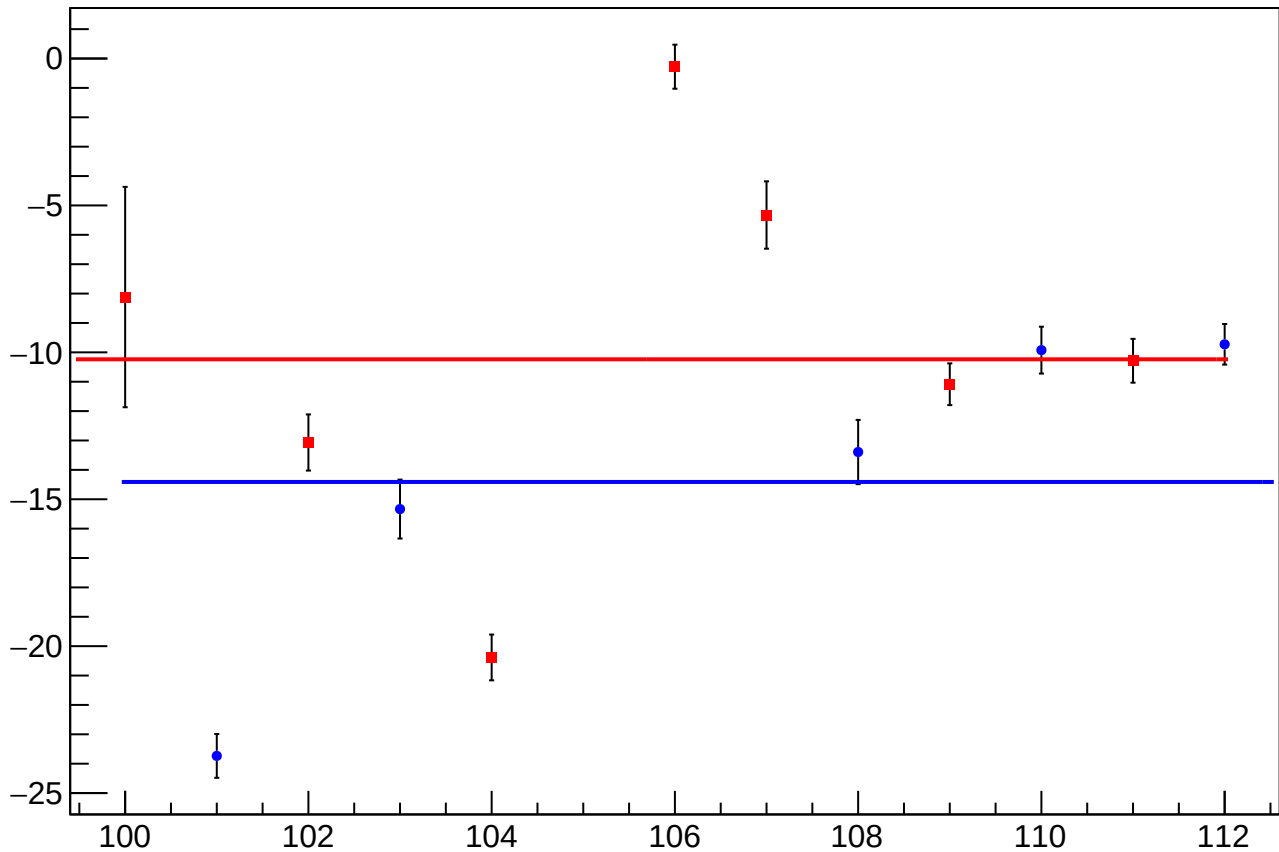
Right: -8.764+/-0.257 χ^2/NDF : 119.2/11

In: -8.395+/-0.402 χ^2/NDF : 80.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.764+/-0.257 χ^2/NDF : 119.2/11

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -14.411 ± 0.370 χ^2/NDF : 235.8/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -10.237 ± 0.331 χ^2/NDF : 375.1/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

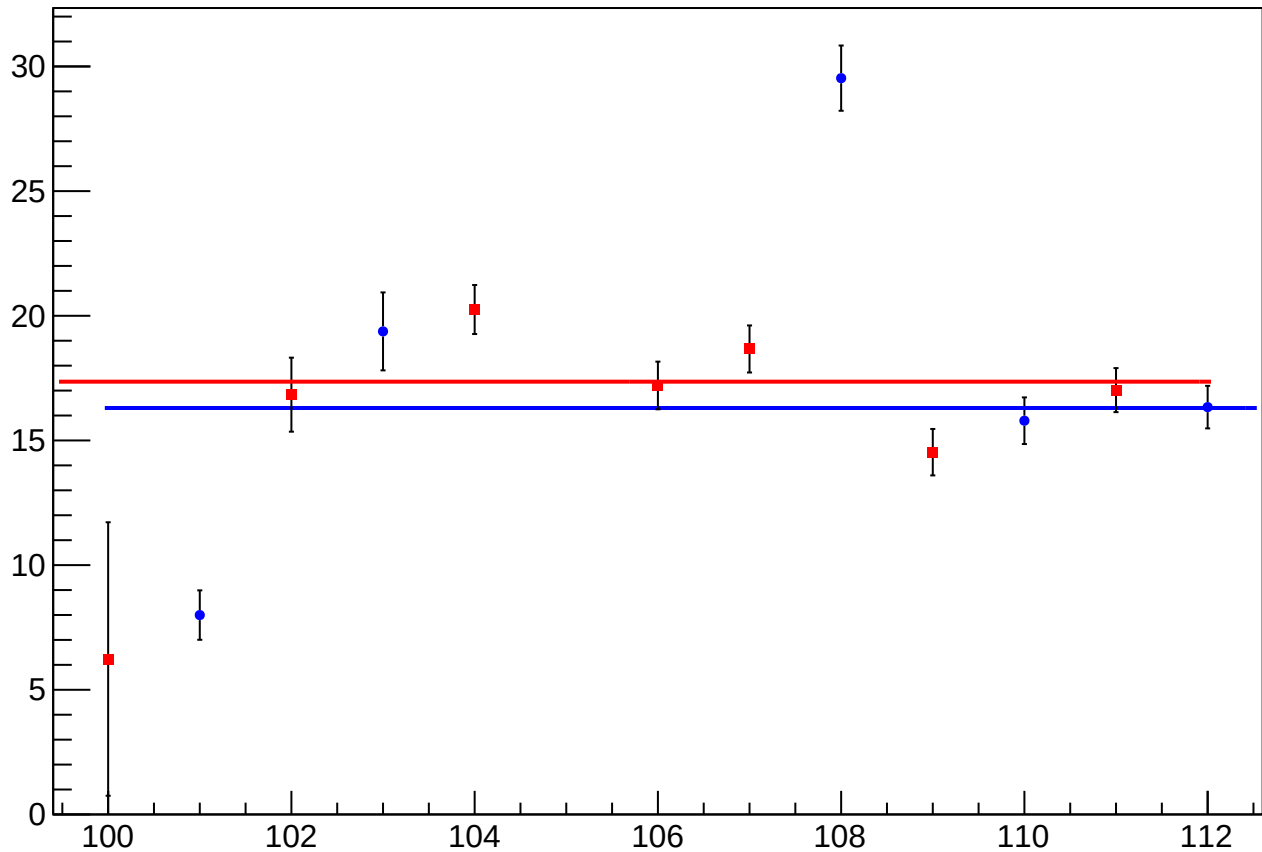
Right: -12.090 ± 0.247 χ^2/NDF : 681.6/11

In: -14.411 ± 0.370 χ^2/NDF : 235.8/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.090 ± 0.247 χ^2/NDF : 681.6/11

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.302 $\pm$ 0.470 χ^2 /NDF: 176.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.358 $\pm$ 0.402 χ^2 /NDF: 24.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

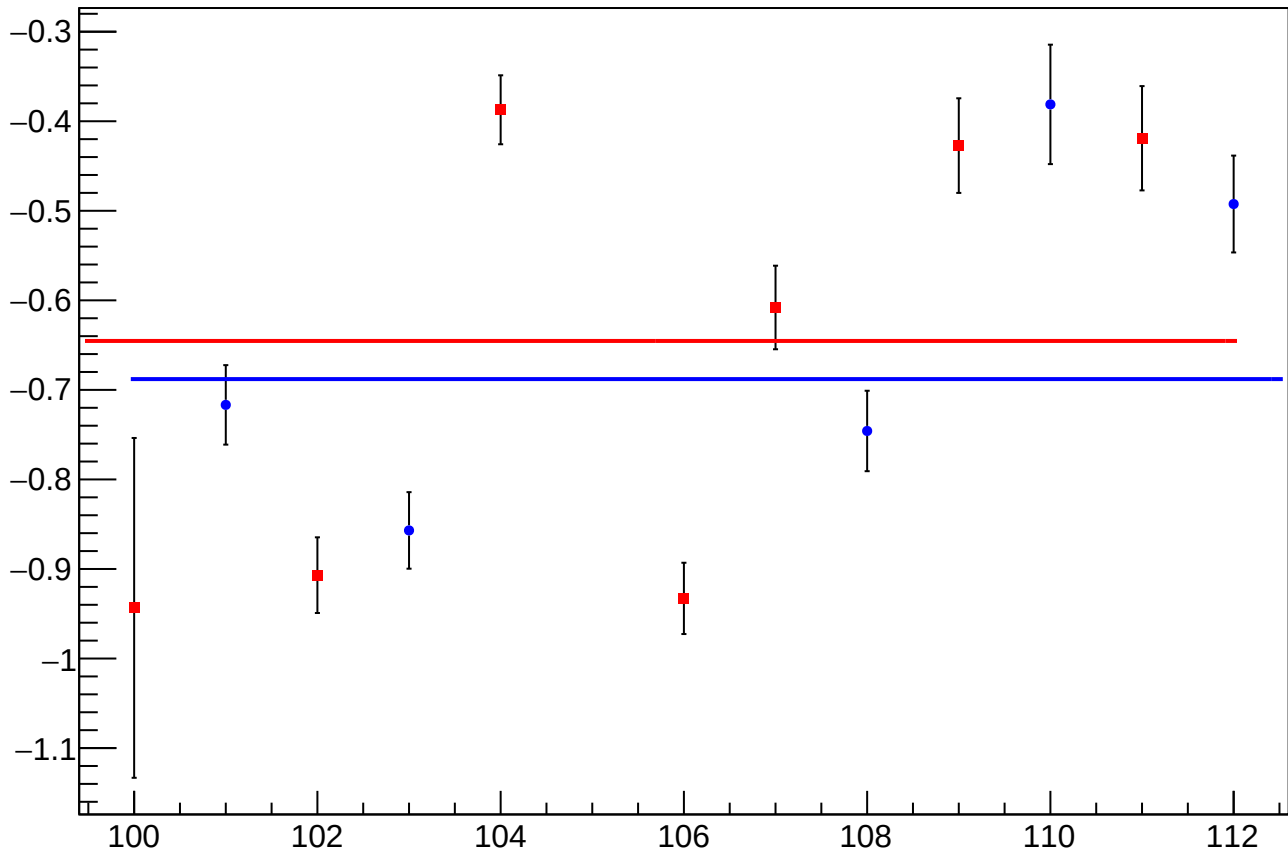
Right: 16.911 $\pm$ 0.306 χ^2 /NDF: 203.8/11

In: 16.302 $\pm$ 0.470 χ^2 /NDF: 176.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.911 $\pm$ 0.306 χ^2 /NDF: 203.8/11

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.688+/-0.022 χ^2/NDF : 51.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.645+/-0.018 χ^2/NDF : 170.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

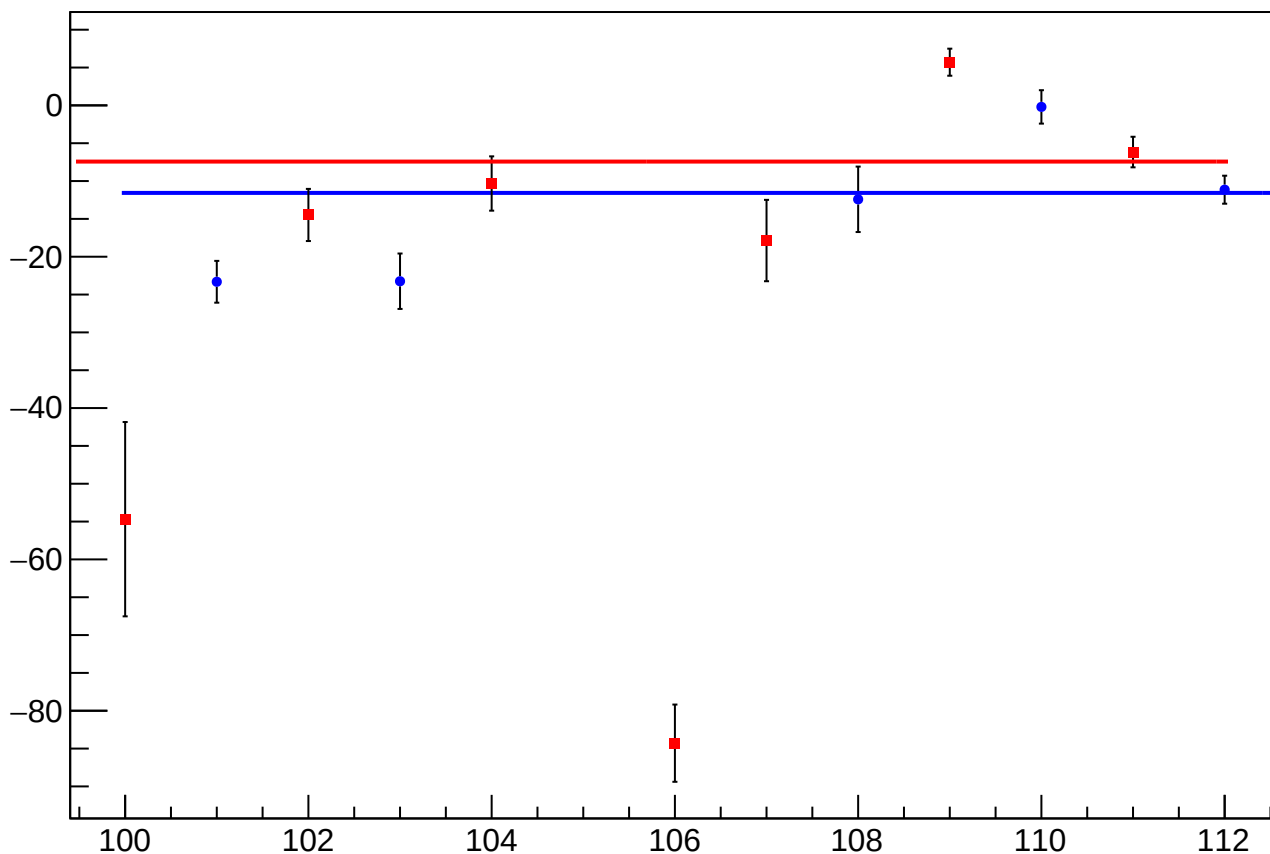
Right: -0.663+/-0.014 χ^2/NDF : 224.9/11

In: -0.688+/-0.022 χ^2/NDF : 51.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.663+/-0.014 χ^2/NDF : 224.9/11

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -11.566 ± 1.150 $\chi^2/\text{NDF}: 54.8/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -7.427 ± 1.119 $\chi^2/\text{NDF}: 303.3/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

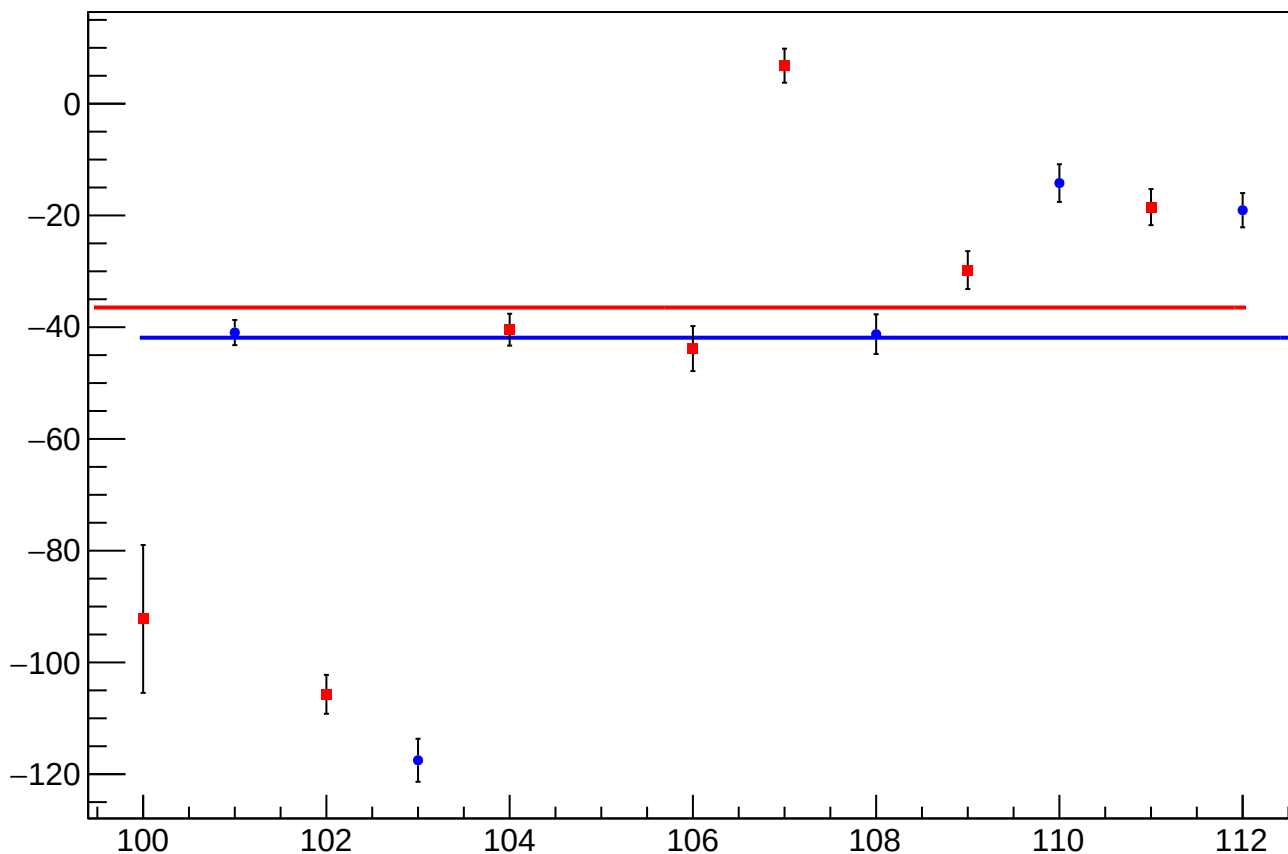
Right: -9.440 ± 0.802 $\chi^2/\text{NDF}: 364.8/11$

In: -11.566 ± 1.150 $\chi^2/\text{NDF}: 54.8/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -9.440 ± 0.802 $\chi^2/\text{NDF}: 364.8/11$

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -41.880 ± 1.364 χ^2/NDF : 508.8/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -36.476 ± 1.332 χ^2/NDF : 655.4/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

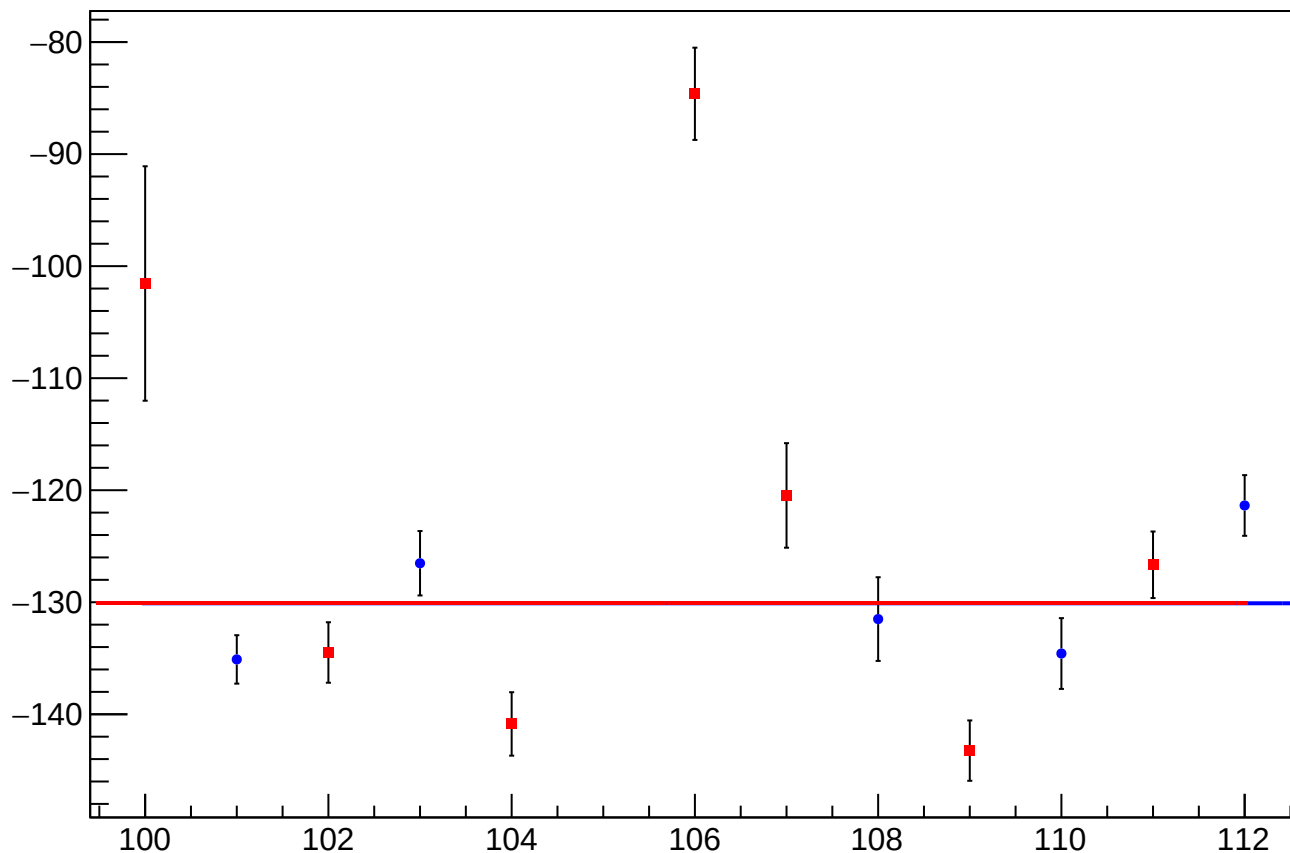
Right: -39.115 ± 0.953 χ^2/NDF : 1172.2/11

In: -41.880 ± 1.364 χ^2/NDF : 508.8/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.115 ± 0.953 χ^2/NDF : 1172.2/11

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -130.092+/-1.247 χ^2/NDF : 19.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -130.067+/-1.263 χ^2/NDF : 176.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

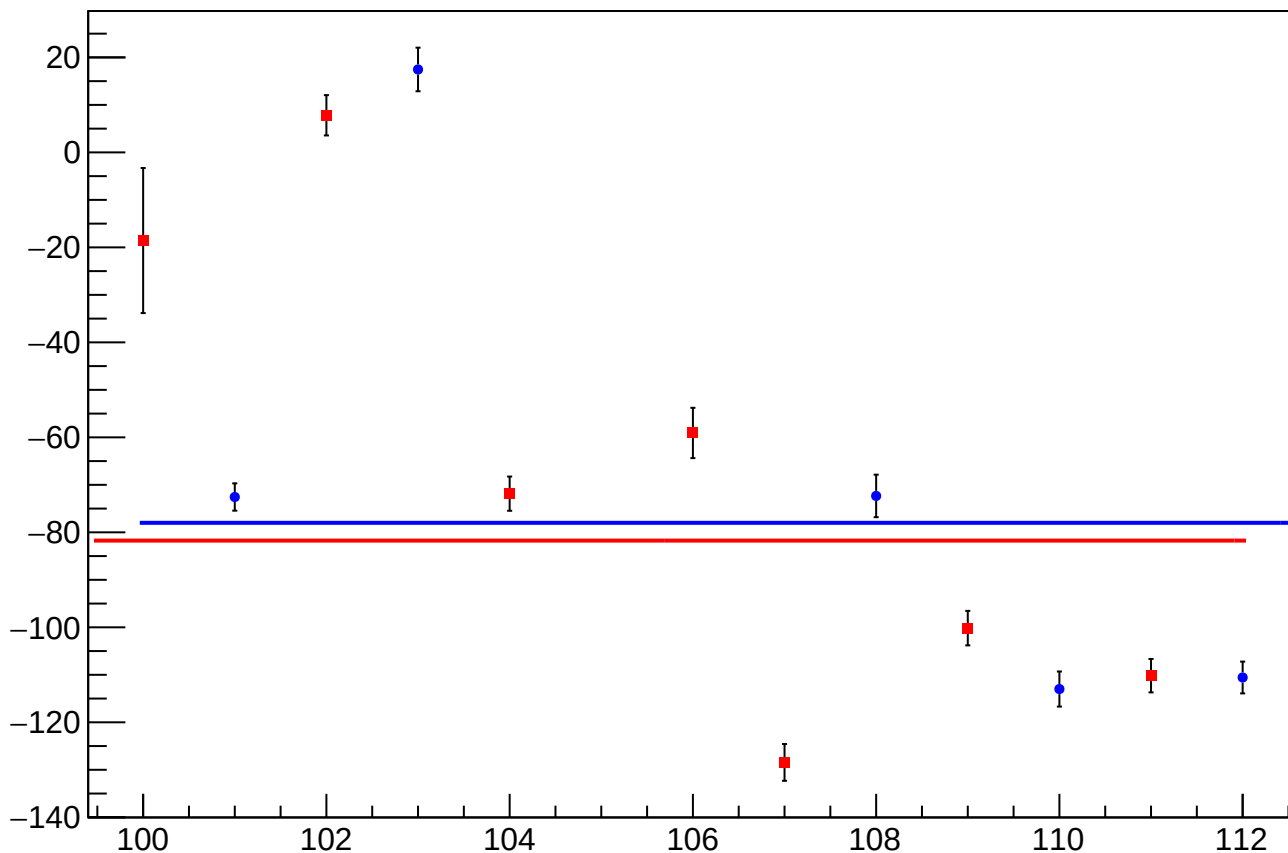
Right: -130.080+/-0.887 χ^2/NDF : 195.5/11

In: -130.092+/-1.247 χ^2/NDF : 19.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -130.080+/-0.887 χ^2/NDF : 195.5/11

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.994 $\pm$ 1.620 χ^2 /NDF: 622.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -81.740 $\pm$ 1.589 χ^2 /NDF: 724.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

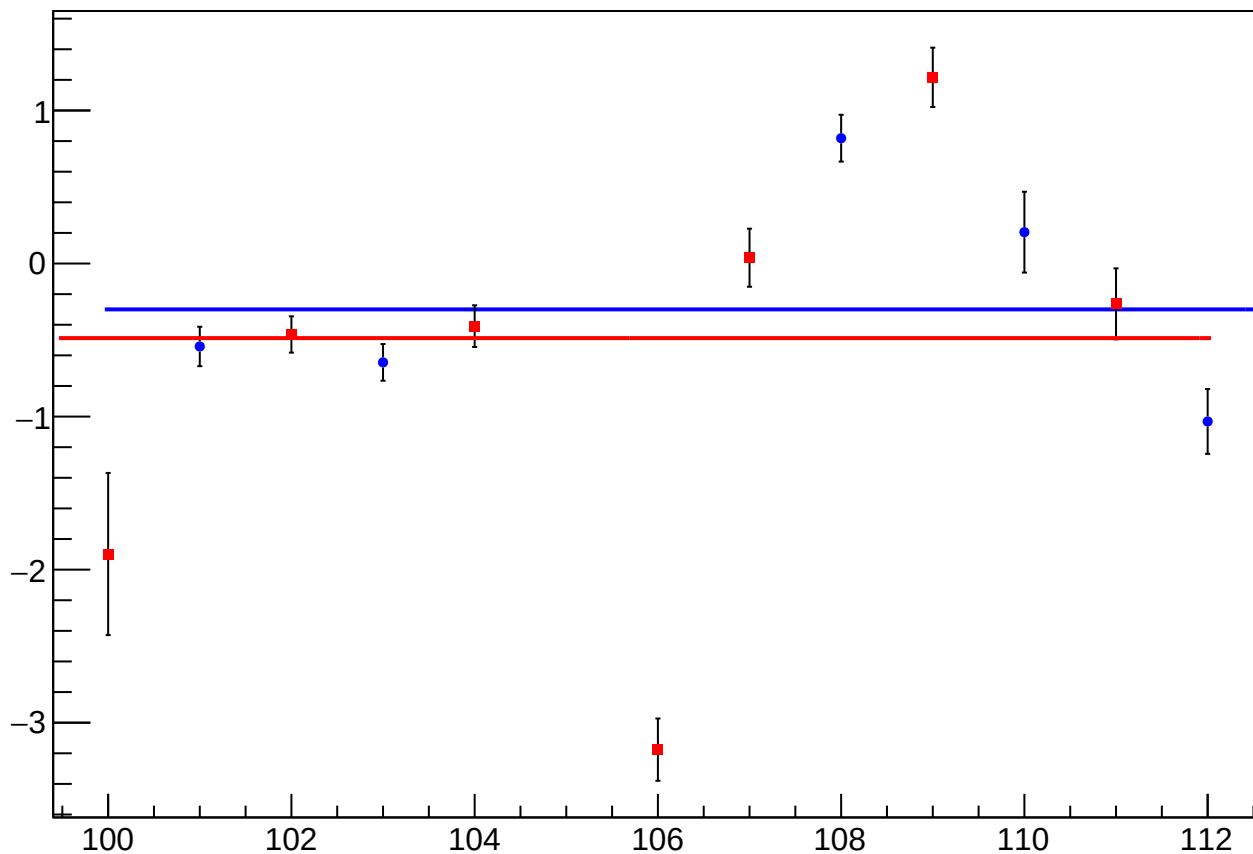
Right: -79.903 $\pm$ 1.135 χ^2 /NDF: 1350.1/11

In: -77.994 $\pm$ 1.620 χ^2 /NDF:622.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -79.903 $\pm$ 1.135 χ^2 /NDF: 1350.1/11

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.300 ± 0.069 χ^2/NDF : 80.8/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.487 ± 0.067 χ^2/NDF : 268.0/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

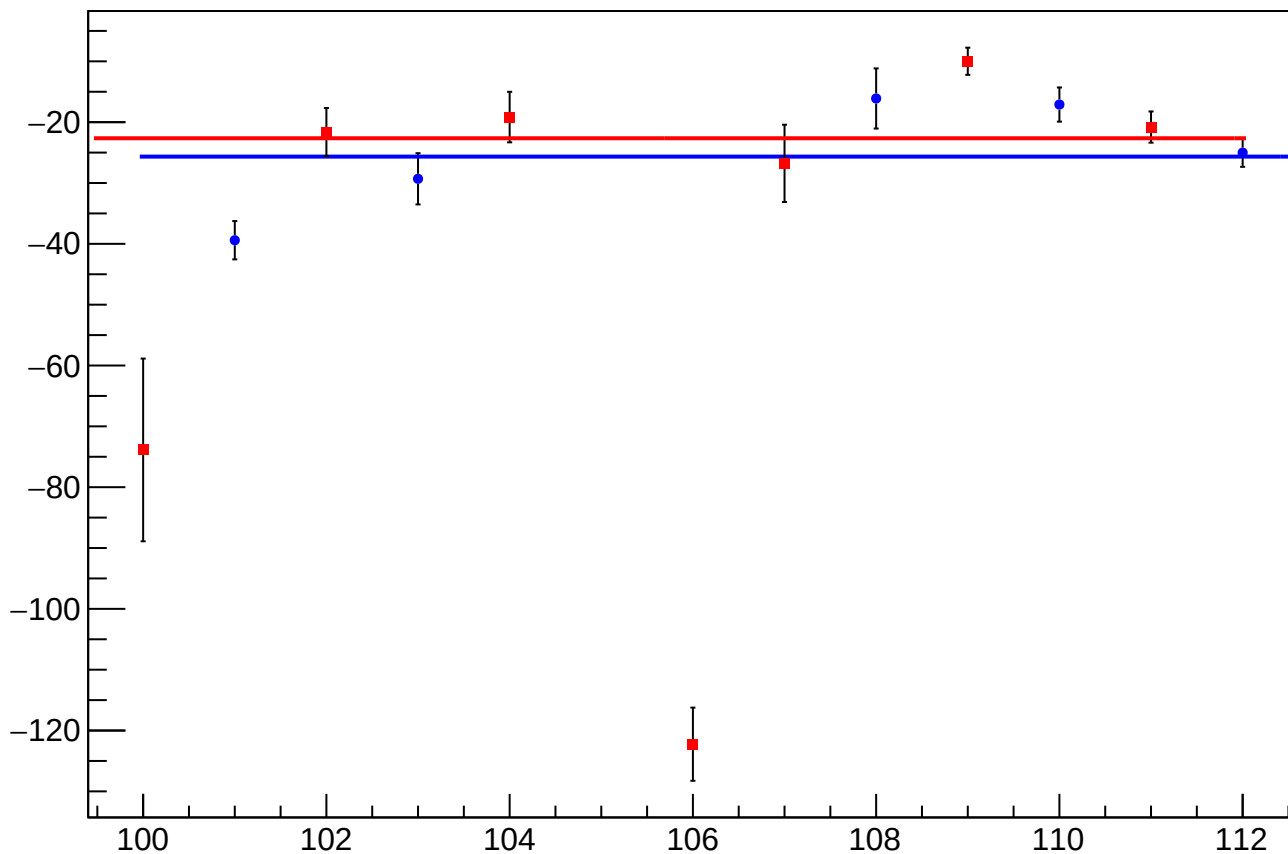
Right: -0.397 ± 0.048 χ^2/NDF : 352.6/11

In: -0.300 ± 0.069 χ^2/NDF : 80.8/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.397 ± 0.048 χ^2/NDF : 352.6/11

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -25.660 ± 1.402 χ^2/NDF : 32.9/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -22.642 ± 1.372 χ^2/NDF : 319.7/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

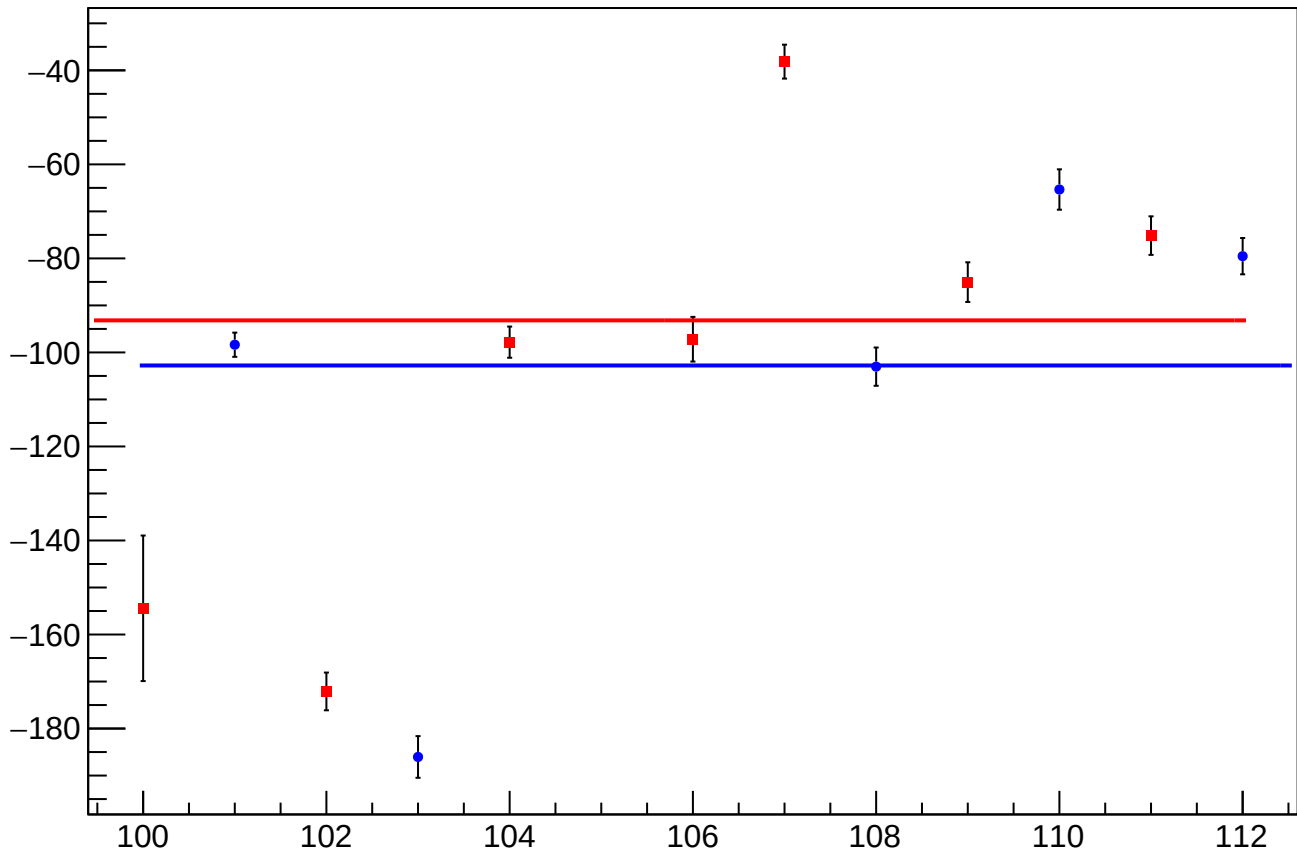
Right: -24.119 ± 0.980 χ^2/NDF : 355.0/11

In: -25.660 ± 1.402 χ^2/NDF : 32.9/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -24.119 ± 0.980 χ^2/NDF : 355.0/11

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -102.777 $\pm$ 1.615 χ^2 /NDF: 468.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -93.181 $\pm$ 1.593 χ^2 /NDF: 661.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

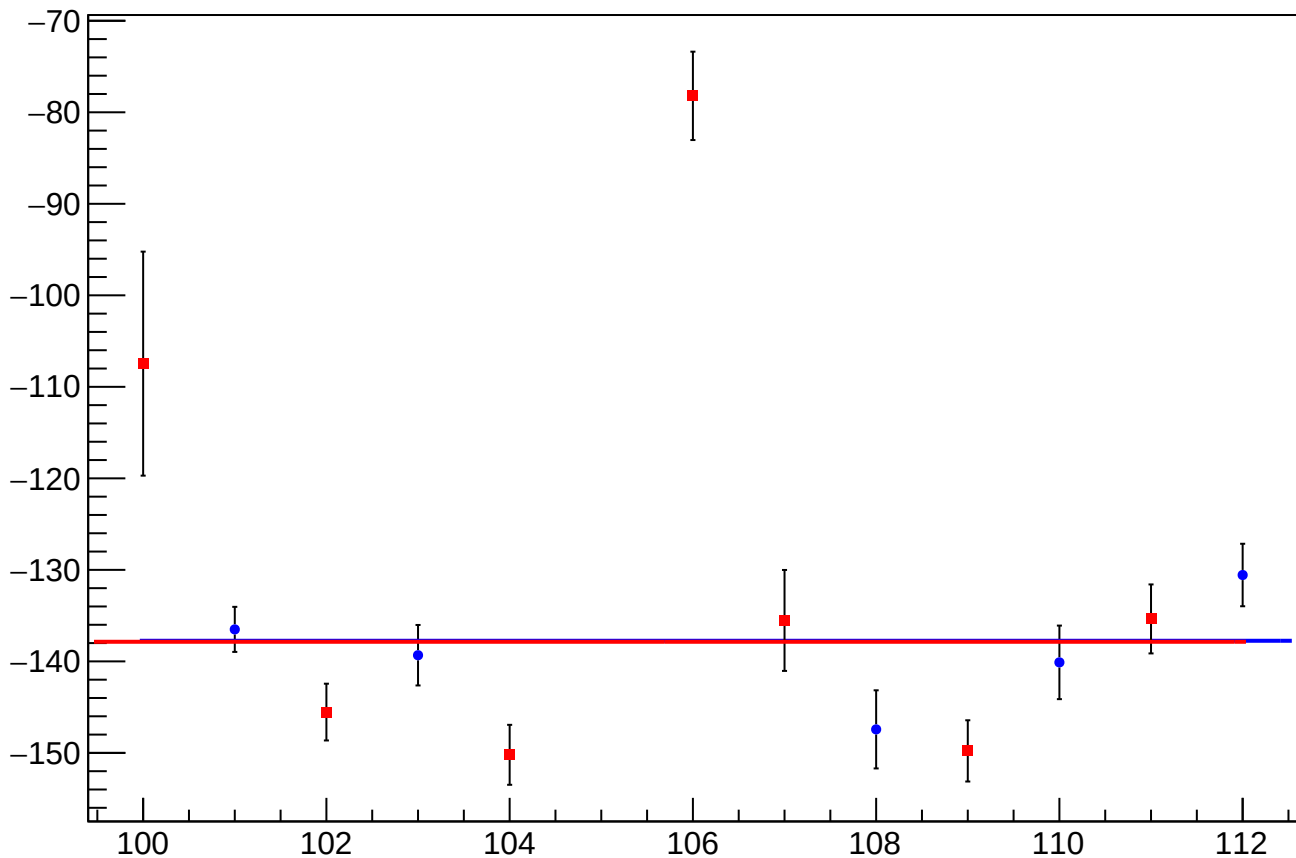
Right: -97.912 $\pm$ 1.134 χ^2 /NDF: 1147.0/11

In: -102.777 $\pm$ 1.615 χ^2 /NDF:468.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -97.912 $\pm$ 1.134 χ^2 /NDF: 1147.0/11

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -137.748+/-1.476 χ^2/NDF : 10.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -137.857+/-1.509 χ^2/NDF : 192.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

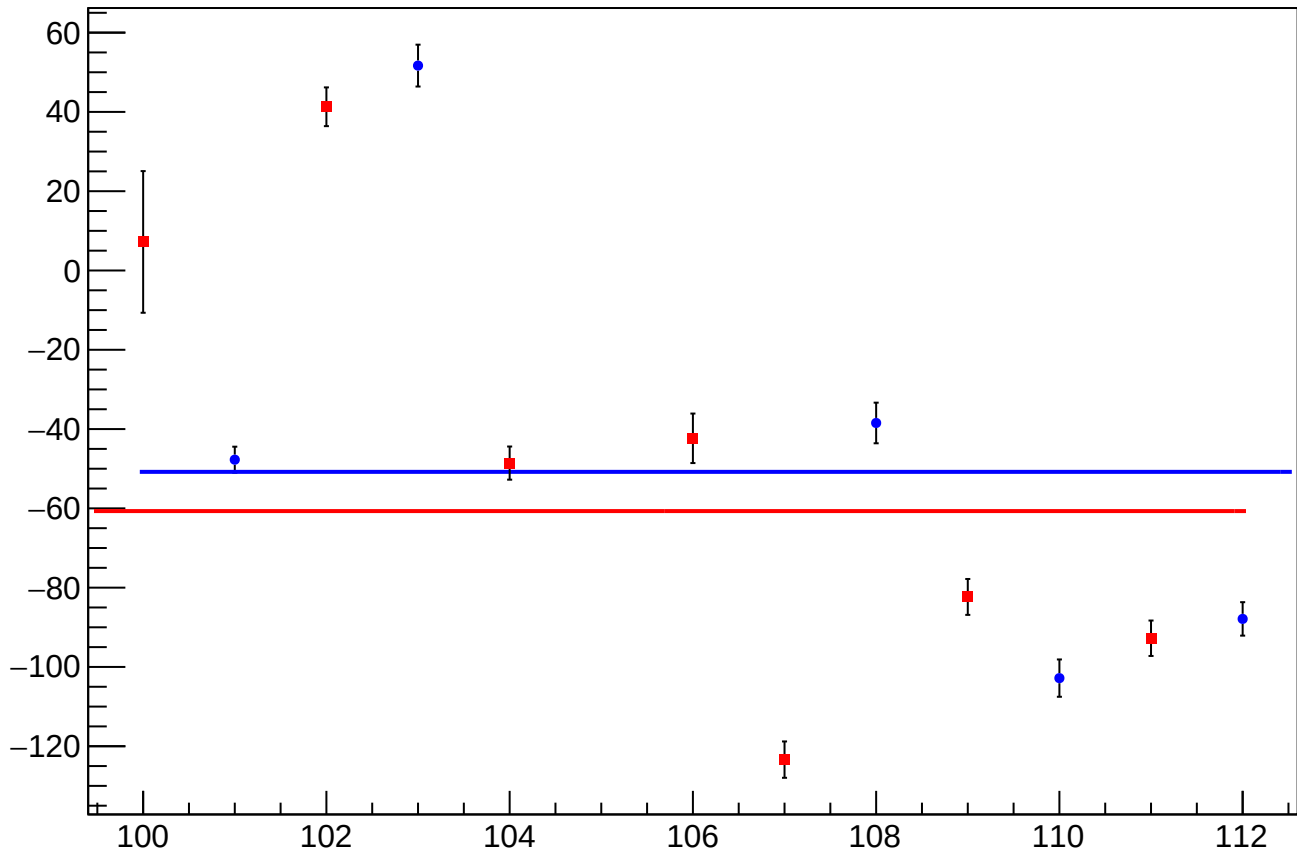
Right: -137.801+/-1.055 χ^2/NDF : 202.9/11

In: -137.748+/-1.476 χ^2/NDF : 10.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -137.801+/-1.055 χ^2/NDF : 202.9/11

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -50.791+/-1.931 χ^2/NDF : 582.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -60.685+/-1.909 χ^2/NDF : 728.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

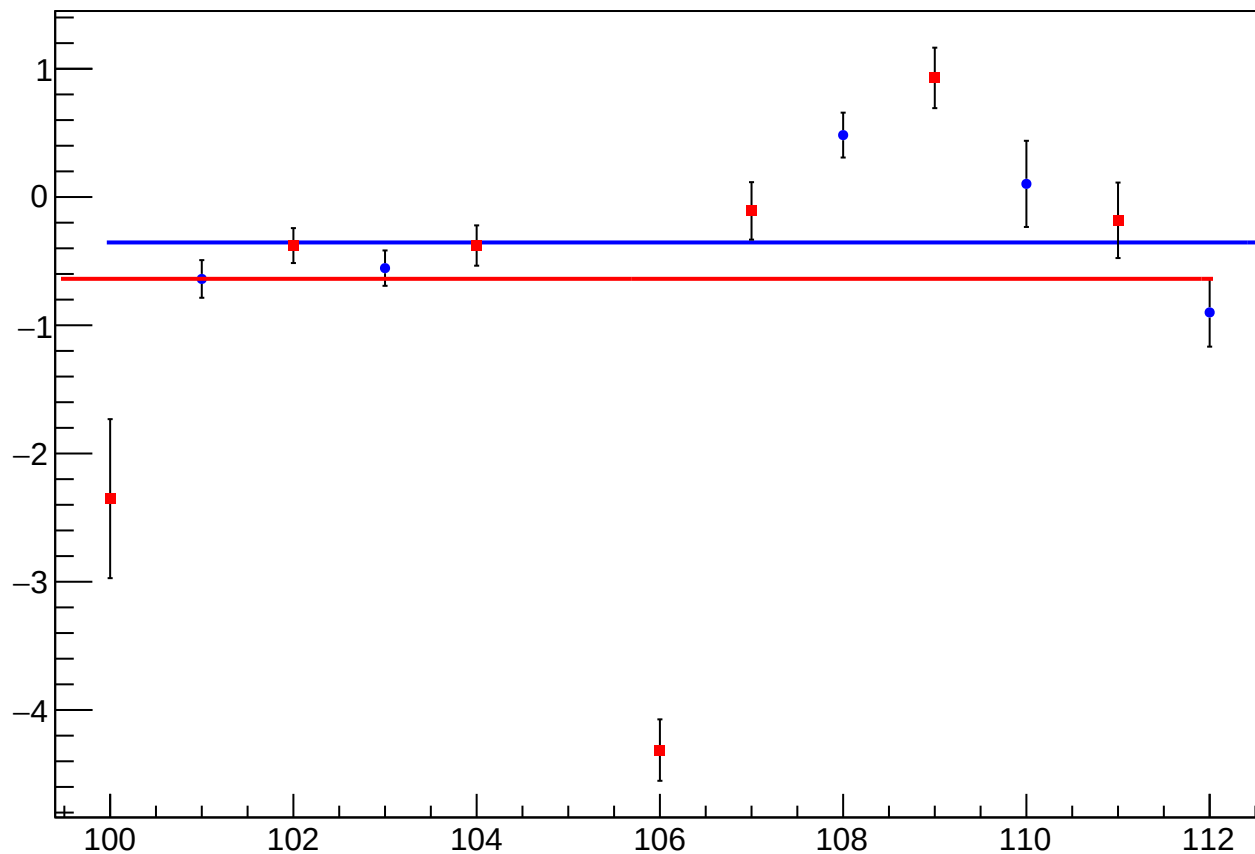
Right: -55.793+/-1.358 χ^2/NDF : 1324.3/11

In: -50.791+/-1.931 χ^2/NDF : 582.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.793+/-1.358 χ^2/NDF : 1324.3/11

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.354 ± 0.080 χ^2/NDF : 34.8/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.638 ± 0.078 χ^2/NDF : 301.4/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

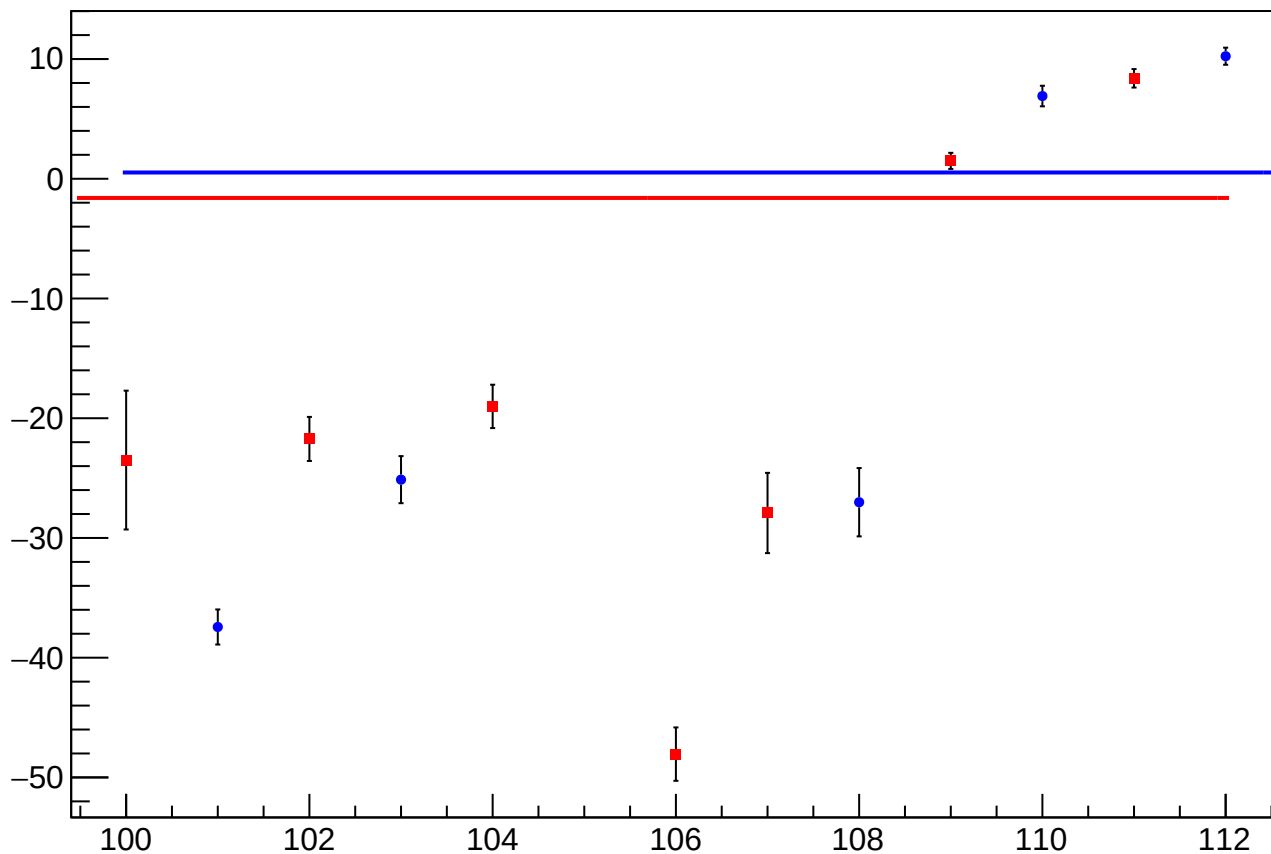
Right: -0.500 ± 0.056 χ^2/NDF : 342.6/11

In: -0.354 ± 0.080 χ^2/NDF : 34.8/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.500 ± 0.056 χ^2/NDF : 342.6/11

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.524+/-0.490 χ^2/NDF : 1175.2/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.602+/-0.456 χ^2/NDF : 910.9/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

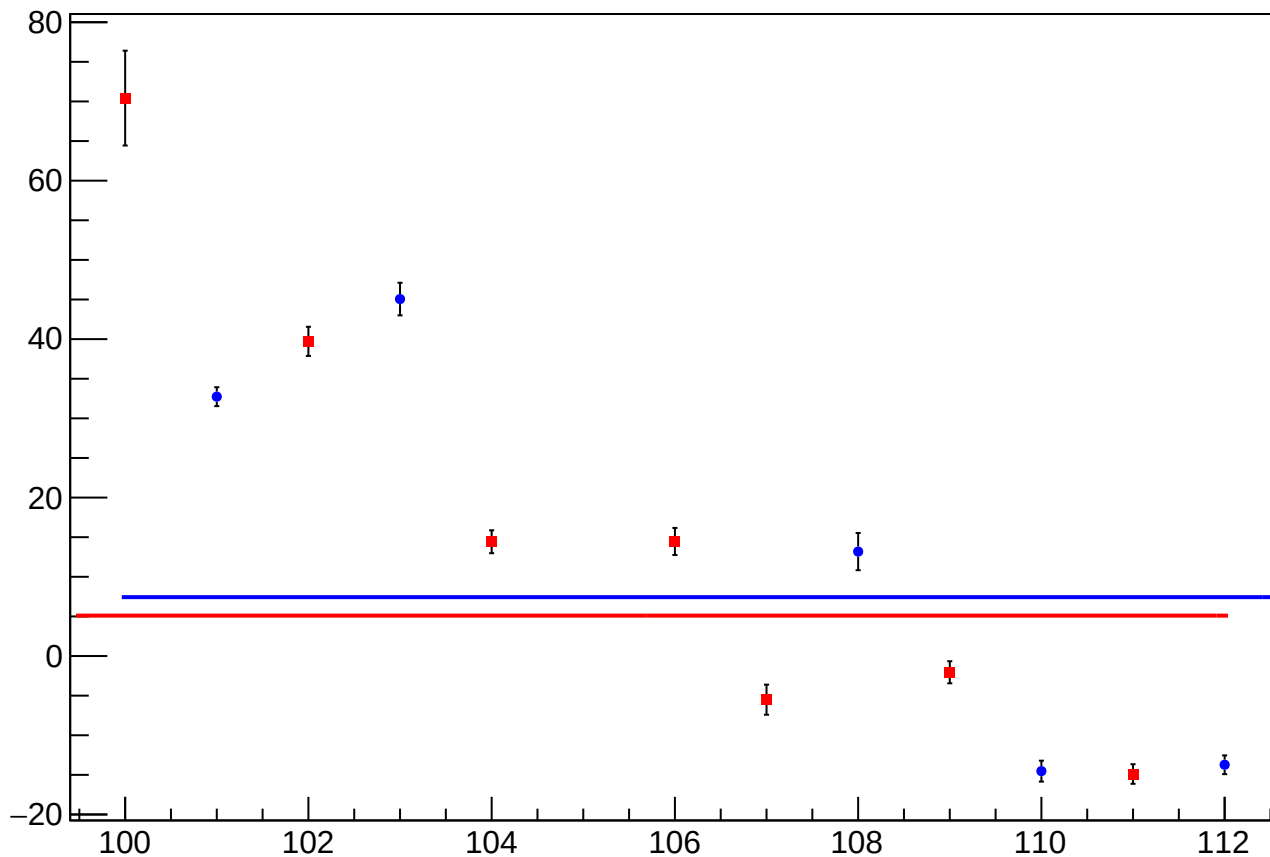
Right: -0.615+/-0.334 χ^2/NDF : 2096.2/11

In: 0.524+/-0.490 χ^2/NDF :1175.2/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.615+/-0.334 χ^2/NDF : 2096.2/11

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.432+/-0.645 χ^2/NDF : 1386.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.099+/-0.621 χ^2/NDF : 863.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

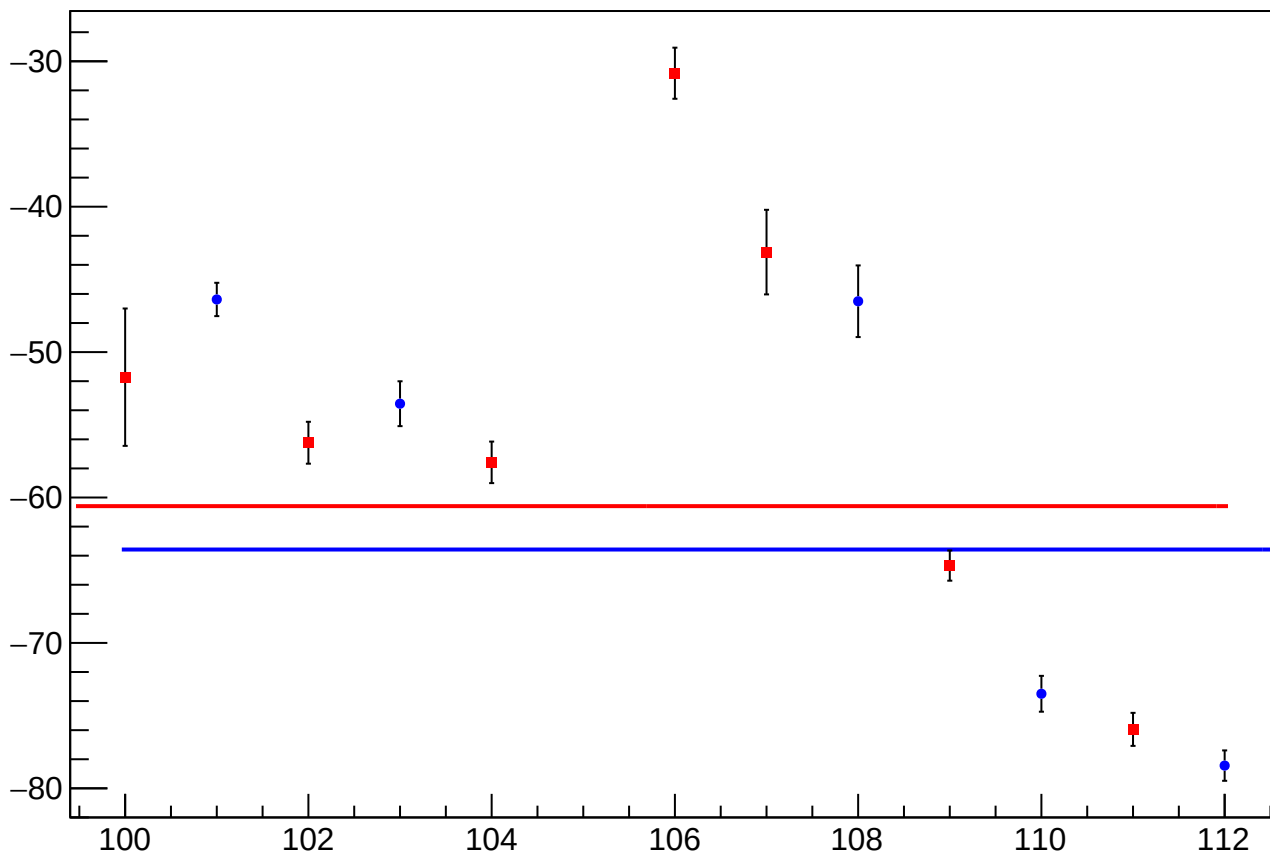
Right: 6.223+/-0.447 χ^2/NDF : 2256.3/11

In: 7.432+/-0.645 χ^2/NDF : 1386.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.223+/-0.447 χ^2/NDF : 2256.3/11

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -63.577 $\pm$ 0.585 χ^2 /NDF: 582.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -60.593 $\pm$ 0.563 χ^2 /NDF: 538.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

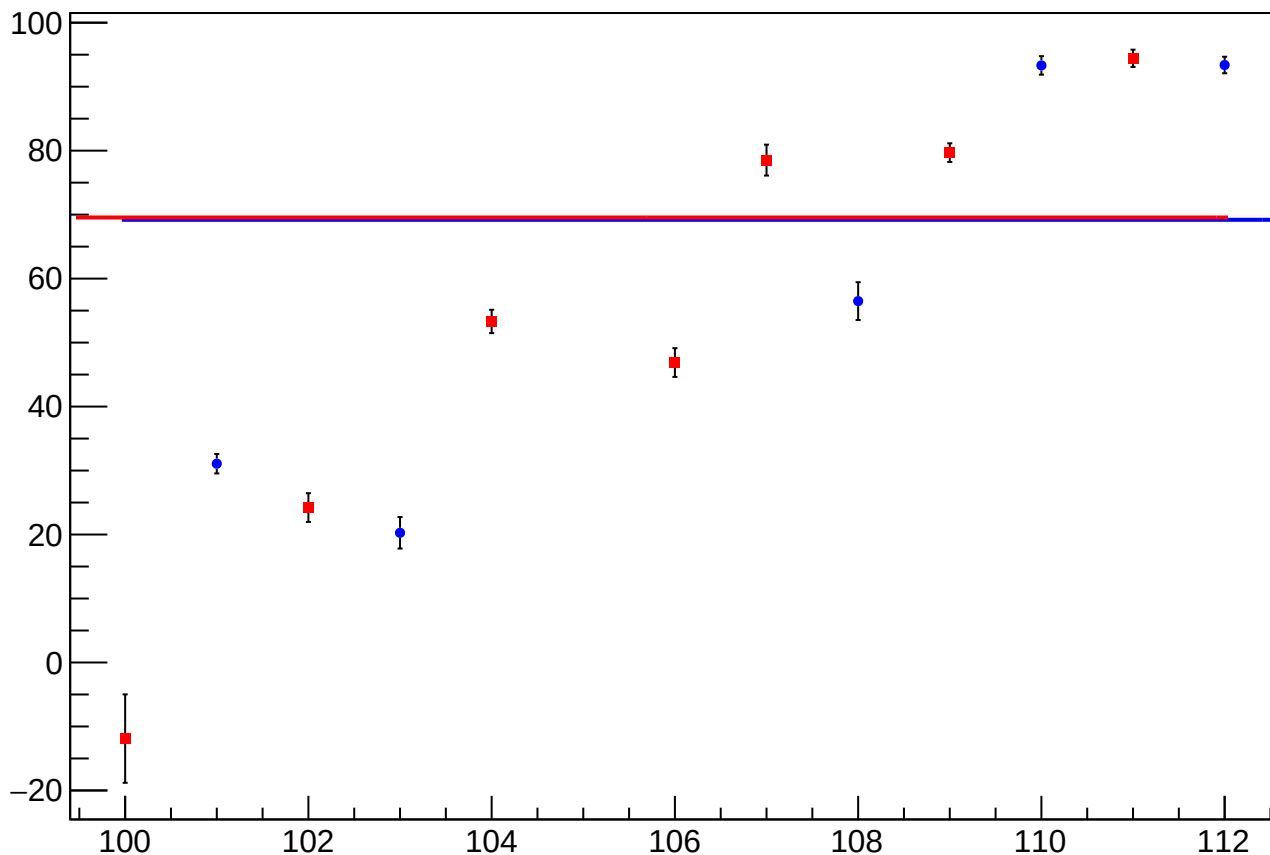
Right: -62.026 $\pm$ 0.406 χ^2 /NDF: 1134.3/11

In: -63.577 $\pm$ 0.585 χ^2 /NDF:582.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -62.026 $\pm$ 0.406 χ^2 /NDF: 1134.3/11

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 69.193+/-0.748 χ^2/NDF : 1672.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.554+/-0.723 χ^2/NDF : 1129.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

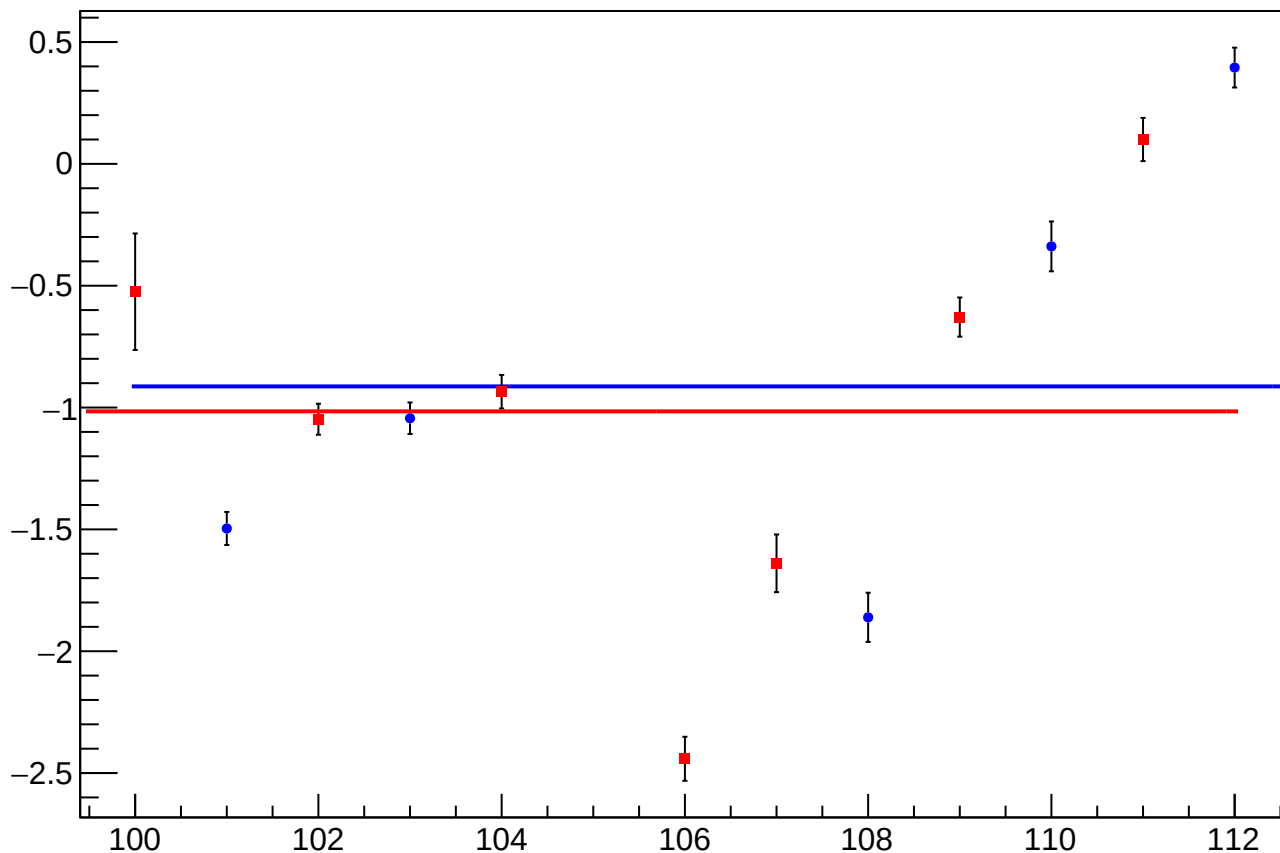
Right: 69.379+/-0.520 χ^2/NDF : 2801.7/11

In: 69.193+/-0.748 χ^2/NDF : 1672.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.379+/-0.520 χ^2/NDF : 2801.7/11

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.913 ± 0.035 $\chi^2/\text{NDF}: 453.9/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.016 ± 0.032 $\chi^2/\text{NDF}: 464.4/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

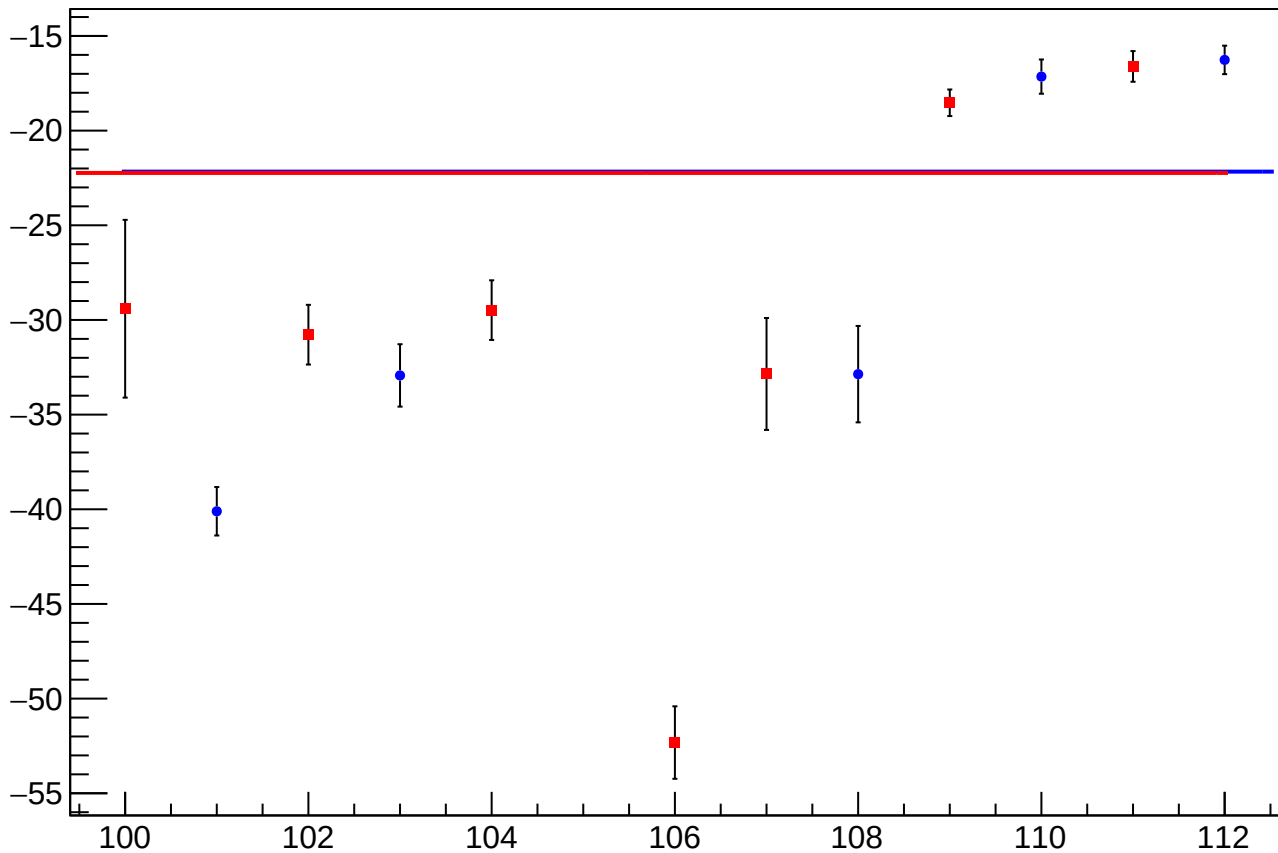
Right: -0.969 ± 0.024 $\chi^2/\text{NDF}: 922.9/11$

In: -0.913 ± 0.035 $\chi^2/\text{NDF}: 453.9/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.969 ± 0.024 $\chi^2/\text{NDF}: 922.9/11$

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -22.166+/-0.493 χ^2/NDF : 349.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -22.235+/-0.457 χ^2/NDF : 389.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

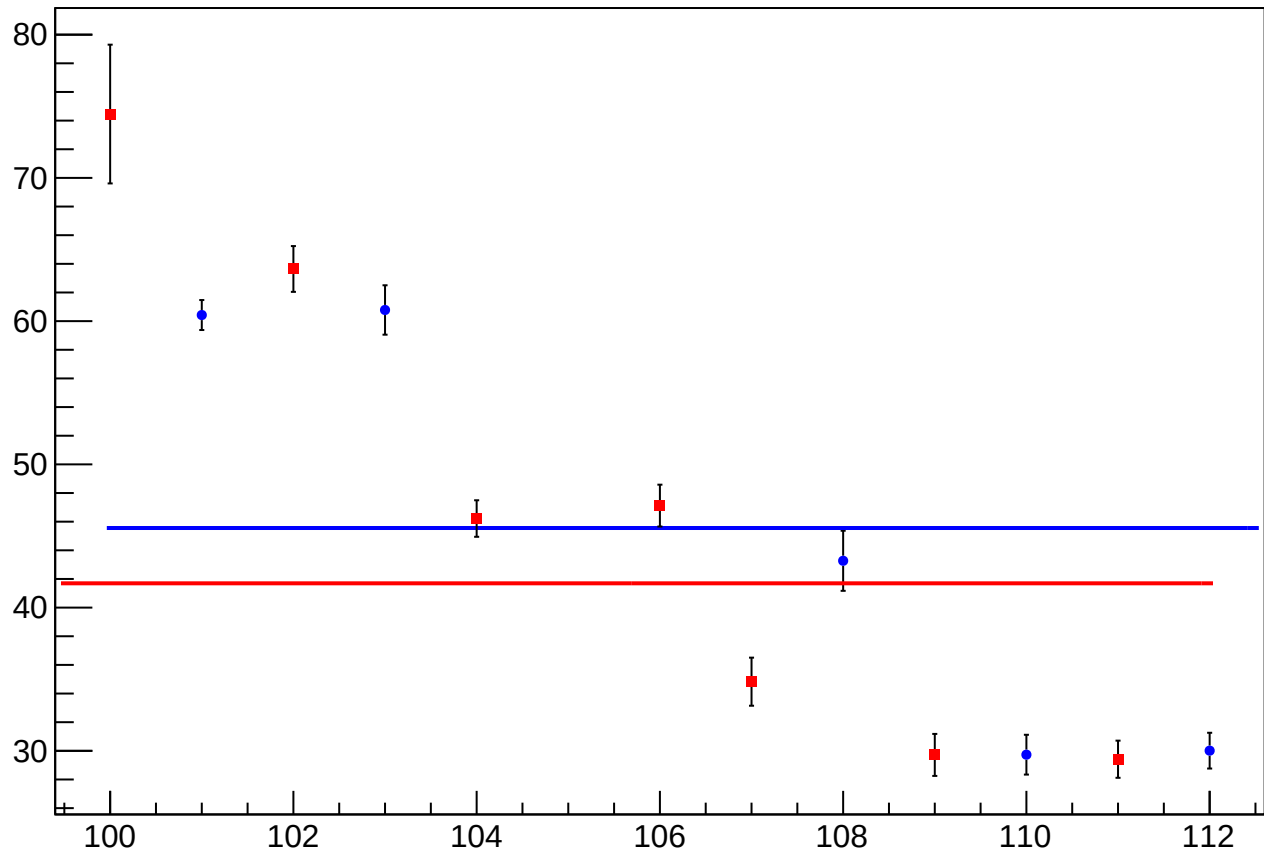
Right: -22.203+/-0.335 χ^2/NDF : 738.0/11

In: -22.166+/-0.493 χ^2/NDF : 349.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.203+/-0.335 χ^2/NDF : 738.0/11

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 45.557+/-0.616 χ^2/NDF : 565.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.696+/-0.584 χ^2/NDF : 433.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

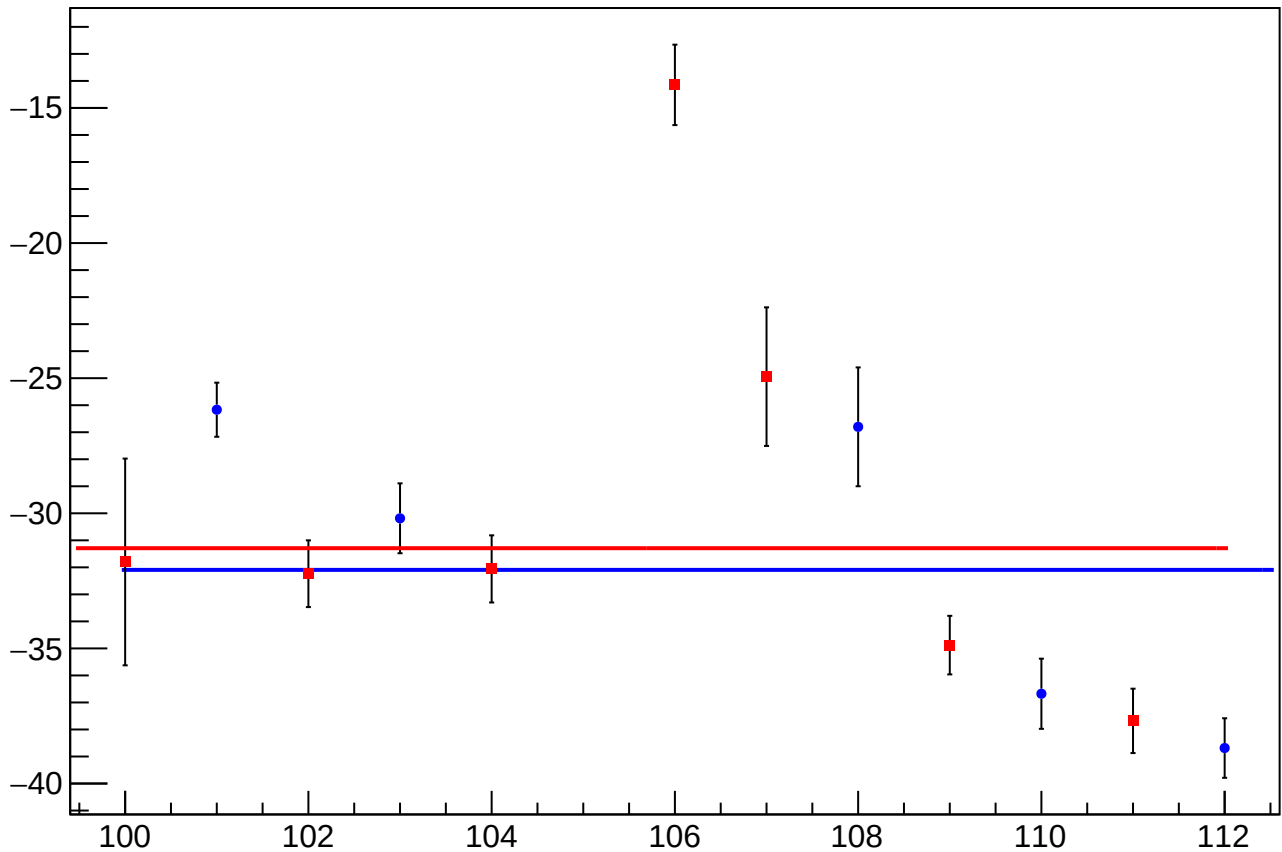
Right: 43.524+/-0.424 χ^2/NDF : 1020.2/11

In: 45.557+/-0.616 χ^2/NDF : 565.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.524+/-0.424 χ^2/NDF : 1020.2/11

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -32.094 $\pm$ 0.557 χ^2 /NDF: 91.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -31.292 $\pm$ 0.532 χ^2 /NDF: 179.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

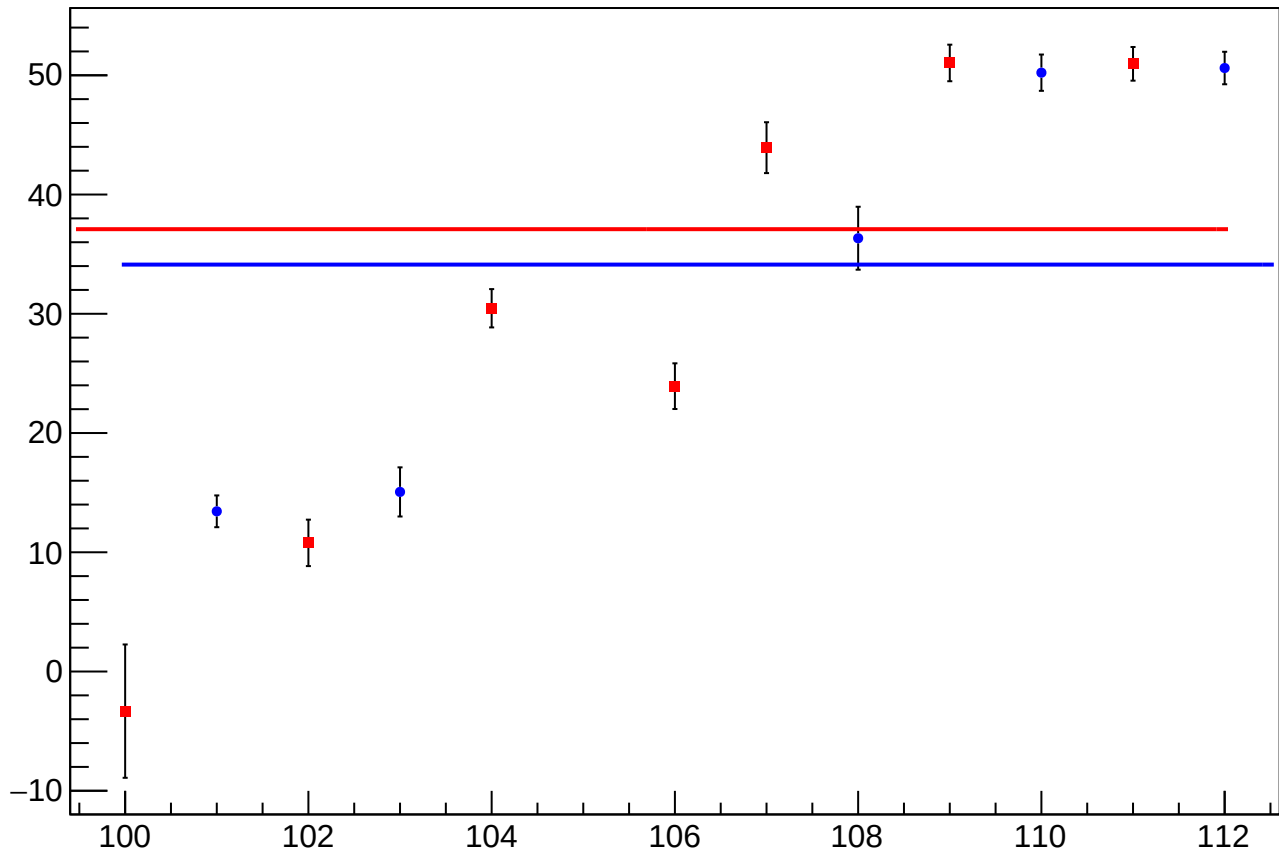
Right: -31.674 $\pm$ 0.385 χ^2 /NDF: 272.0/11

In: -32.094 $\pm$ 0.557 χ^2 /NDF:91.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -31.674 $\pm$ 0.385 χ^2 /NDF: 272.0/11

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 34.125+/-0.723 χ^2/NDF : 585.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.095+/-0.690 χ^2/NDF : 488.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

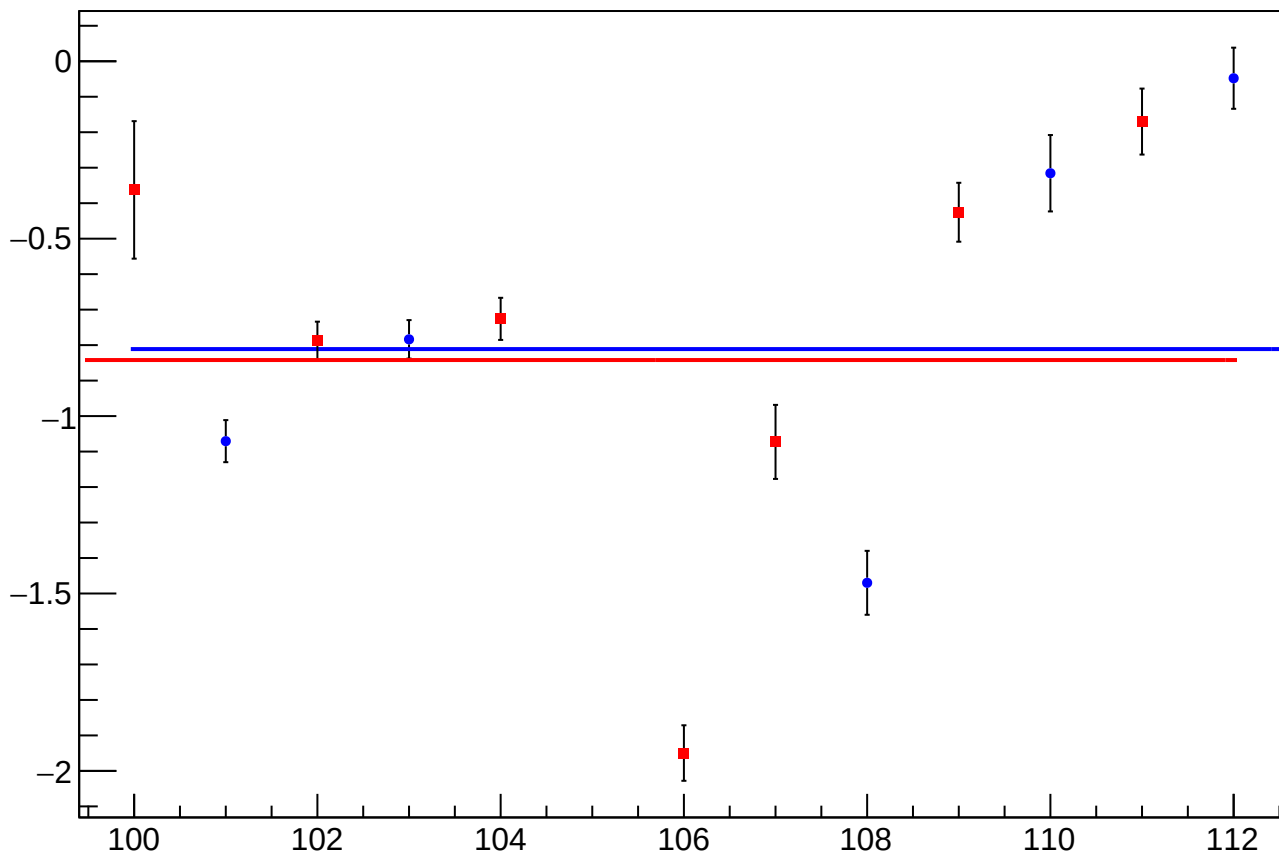
Right: 35.680+/-0.499 χ^2/NDF : 1083.0/11

In: 34.125+/-0.723 χ^2/NDF : 585.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.680+/-0.499 χ^2/NDF : 1083.0/11

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.811 ± 0.032 χ^2/NDF : 172.5/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.842 ± 0.029 χ^2/NDF : 293.7/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

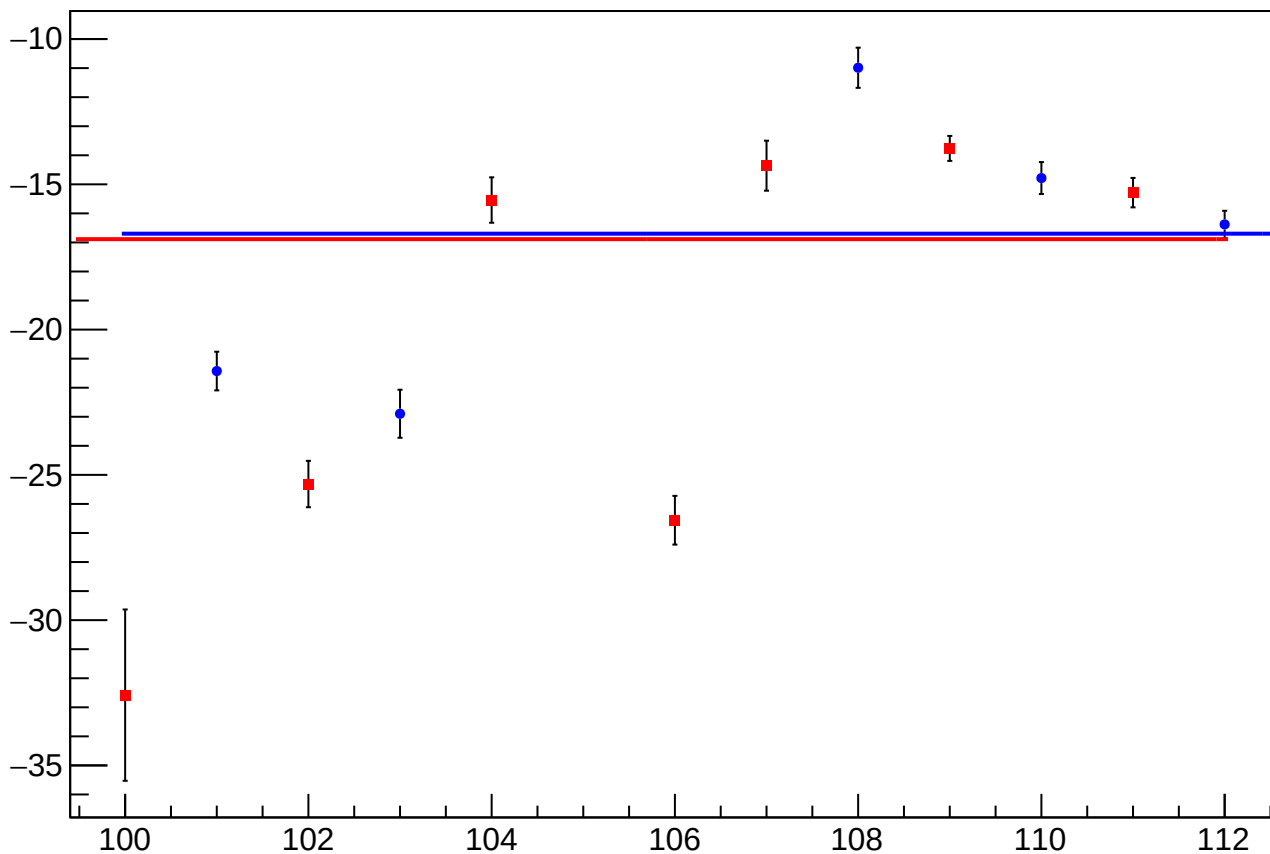
Right: -0.828 ± 0.022 χ^2/NDF : 466.7/11

In: -0.811 ± 0.032 χ^2/NDF : 172.5/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.828 ± 0.022 χ^2/NDF : 466.7/11

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -16.698 $\pm$ 0.270 χ^2 /NDF: 187.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -16.887 $\pm$ 0.255 χ^2 /NDF: 347.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

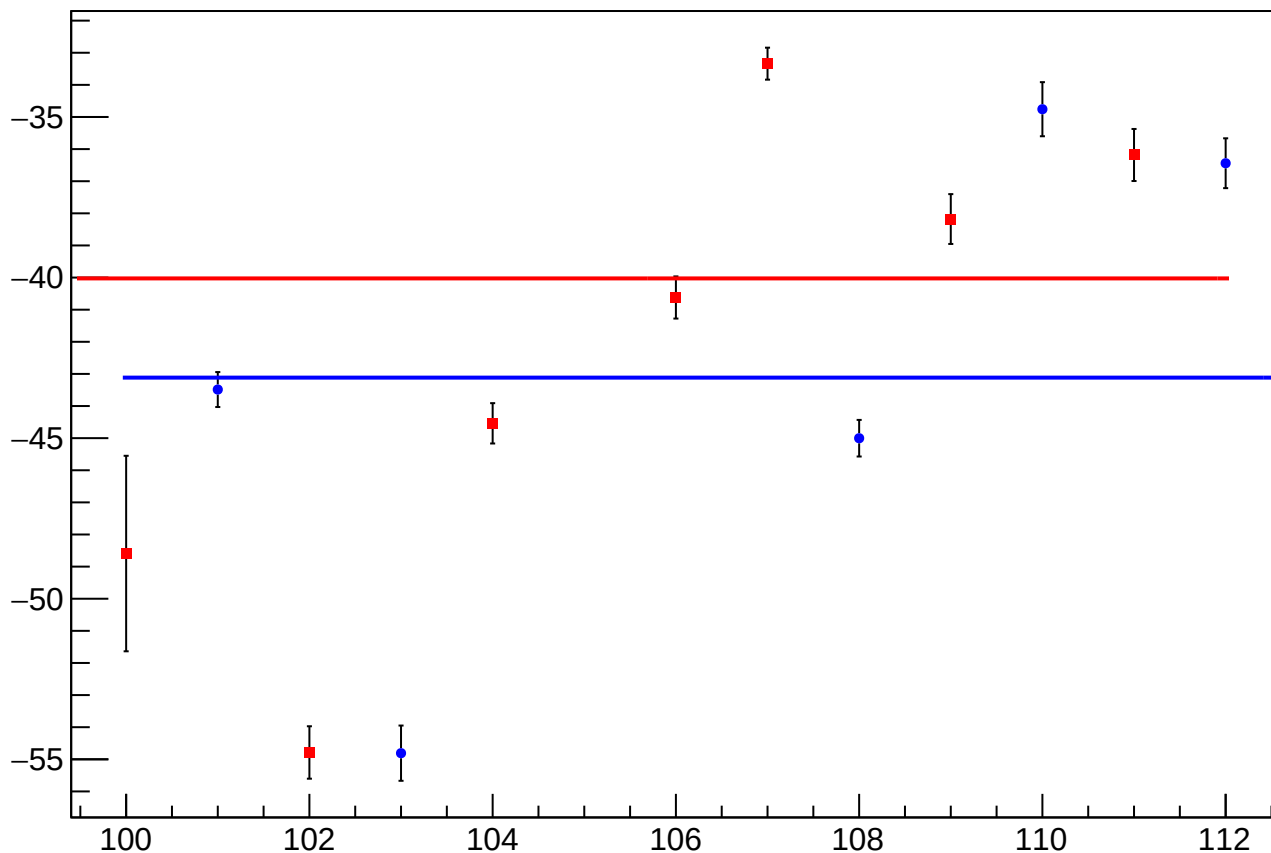
Right: -16.798 $\pm$ 0.185 χ^2 /NDF: 535.0/11

In: -16.698 $\pm$ 0.270 χ^2 /NDF: 187.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -16.798 $\pm$ 0.185 χ^2 /NDF: 535.0/11

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -43.115 $\pm$ 0.303 χ^2 /NDF: 368.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -40.026 $\pm$ 0.270 χ^2 /NDF: 595.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

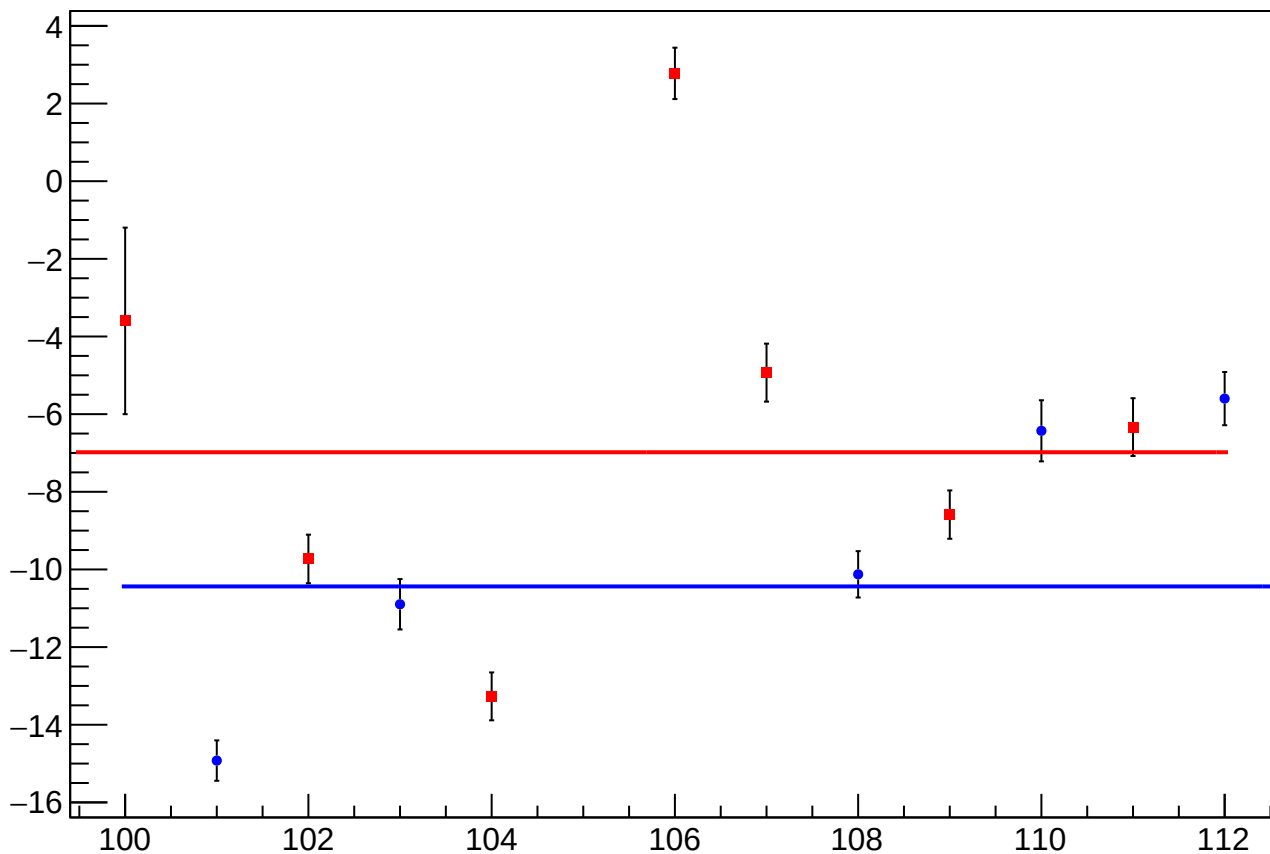
Right: -41.395 $\pm$ 0.202 χ^2 /NDF: 1022.4/11

In: -43.115 $\pm$ 0.303 χ^2 /NDF:368.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -41.395 $\pm$ 0.202 χ^2 /NDF: 1022.4/11

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -10.437 ± 0.282 χ^2/NDF : 150.8/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -6.981 ± 0.269 χ^2/NDF : 357.5/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

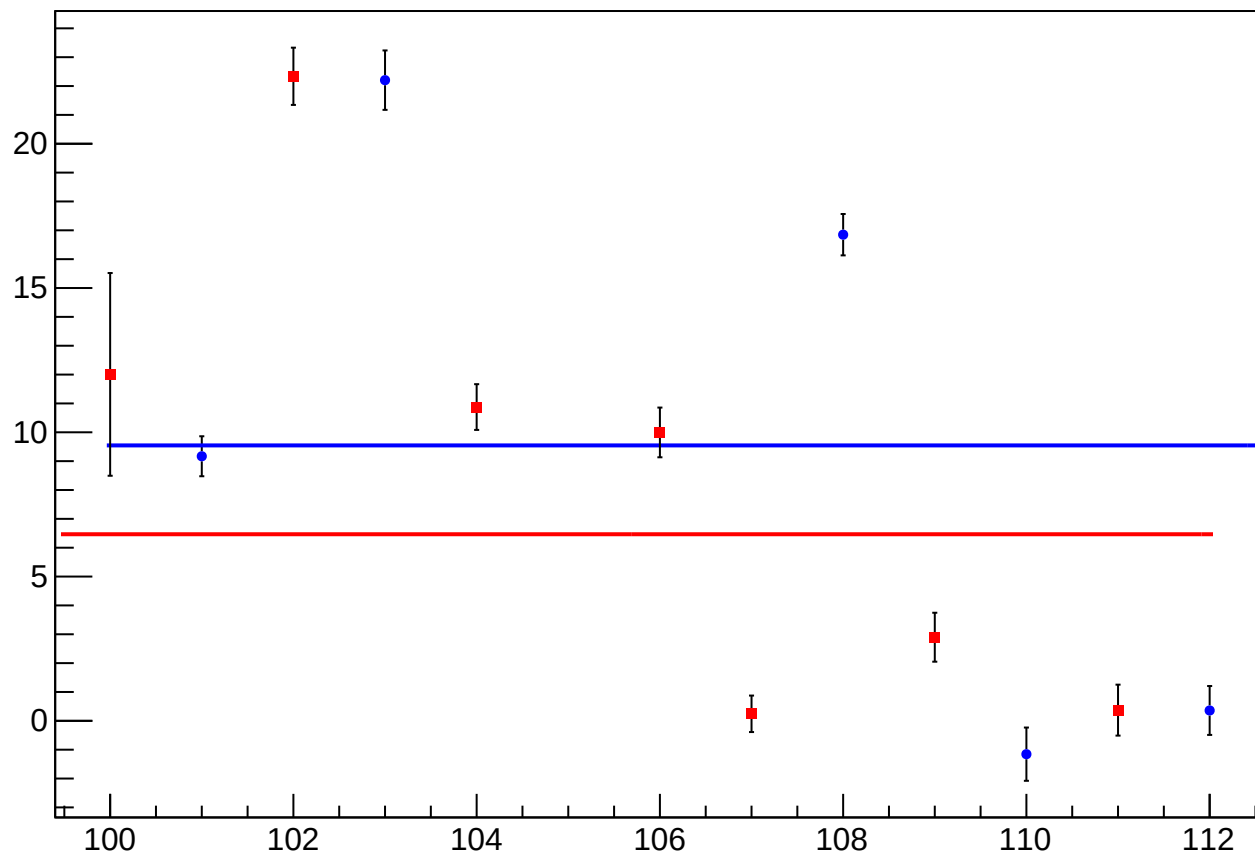
Right: -8.631 ± 0.195 χ^2/NDF : 587.0/11

In: -10.437 ± 0.282 χ^2/NDF : 150.8/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.631 ± 0.195 χ^2/NDF : 587.0/11

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.545 $\pm$ 0.364 χ^2 /NDF: 507.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 6.467 $\pm$ 0.330 χ^2 /NDF: 468.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

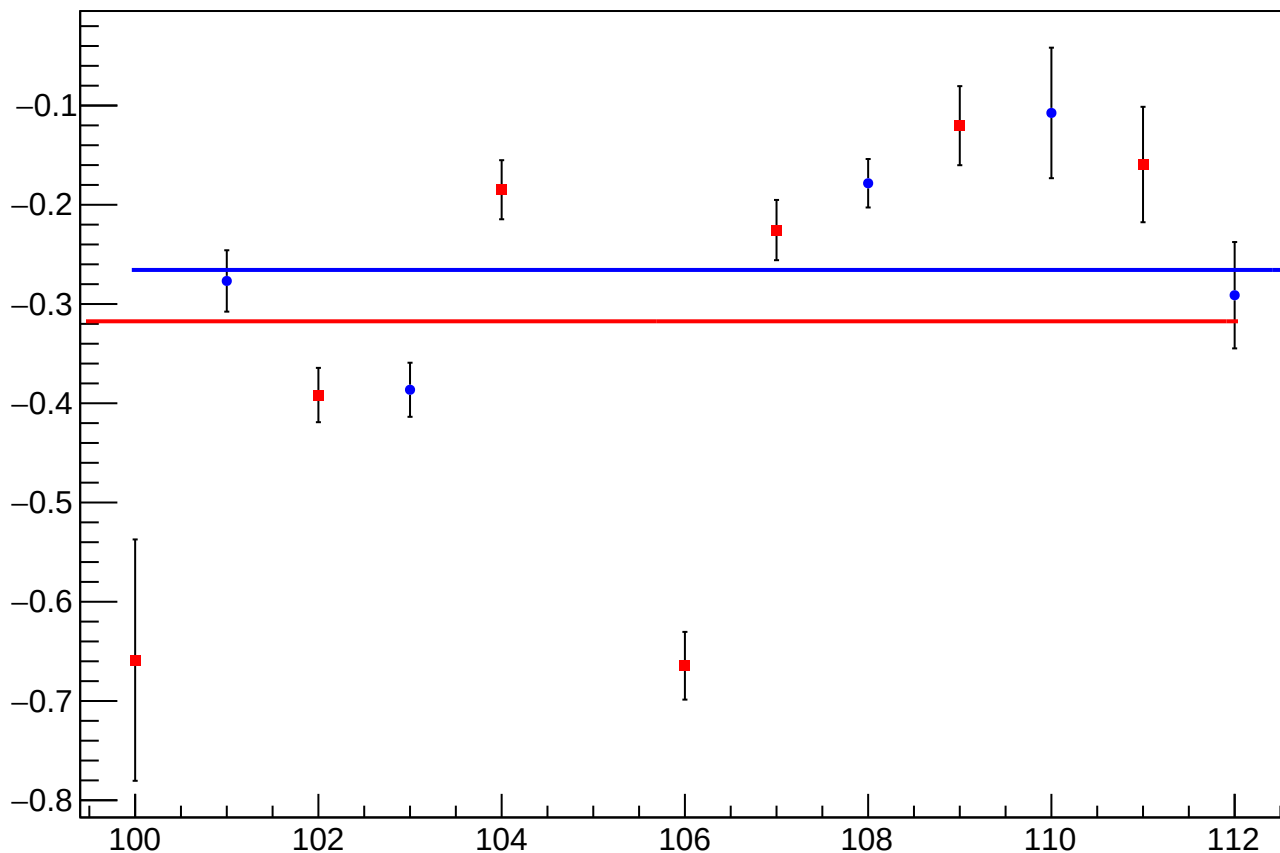
Right: 7.852 $\pm$ 0.244 χ^2 /NDF: 1014.9/11

In: 9.545 $\pm$ 0.364 χ^2 /NDF:507.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 7.852 $\pm$ 0.244 χ^2 /NDF: 1014.9/11

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.266+/-0.015 χ^2/NDF : 38.6/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.317+/-0.014 χ^2/NDF : 179.6/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

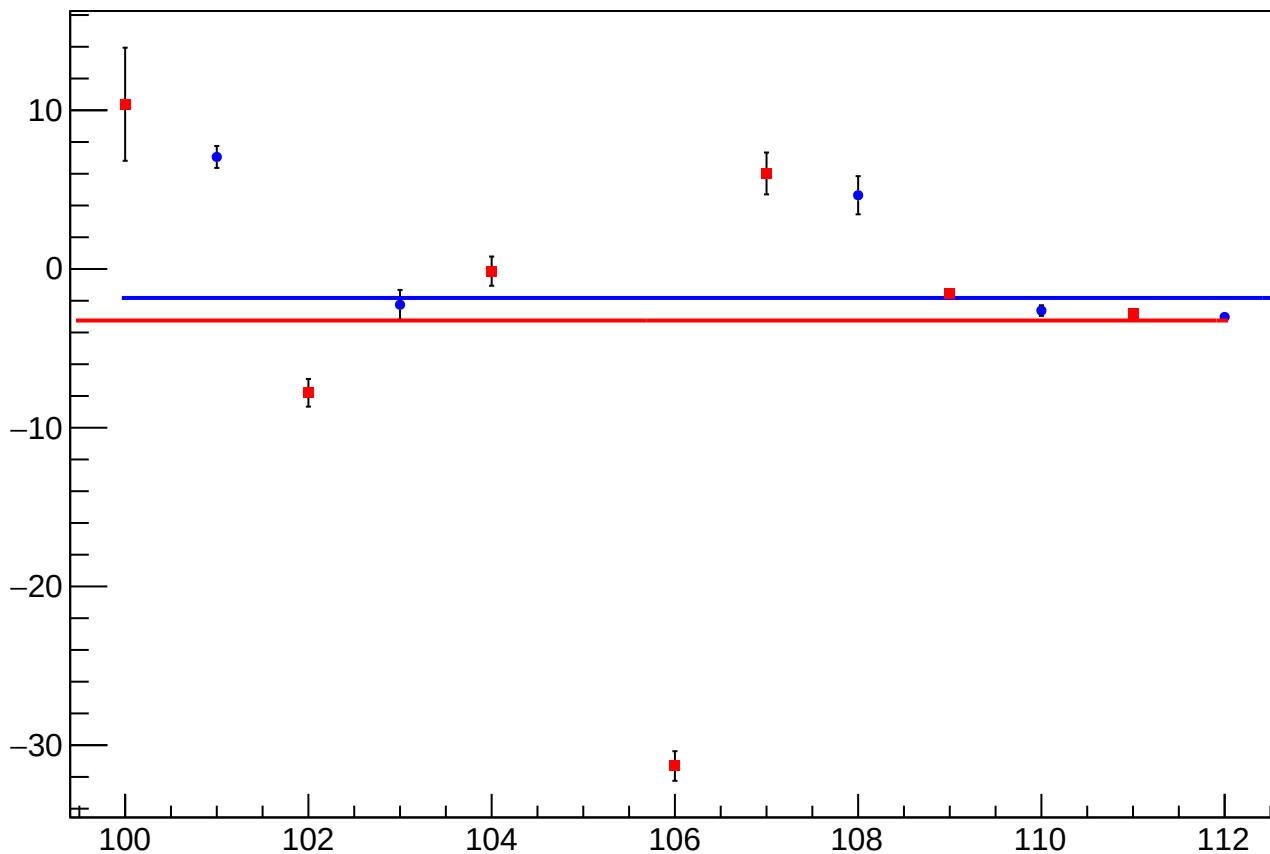
Right: -0.293+/-0.010 χ^2/NDF : 224.9/11

In: -0.266+/-0.015 χ^2/NDF :38.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.293+/-0.010 χ^2/NDF : 224.9/11

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.824+/-0.197 χ^2/NDF : 218.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.246+/-0.185 χ^2/NDF : 1051.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

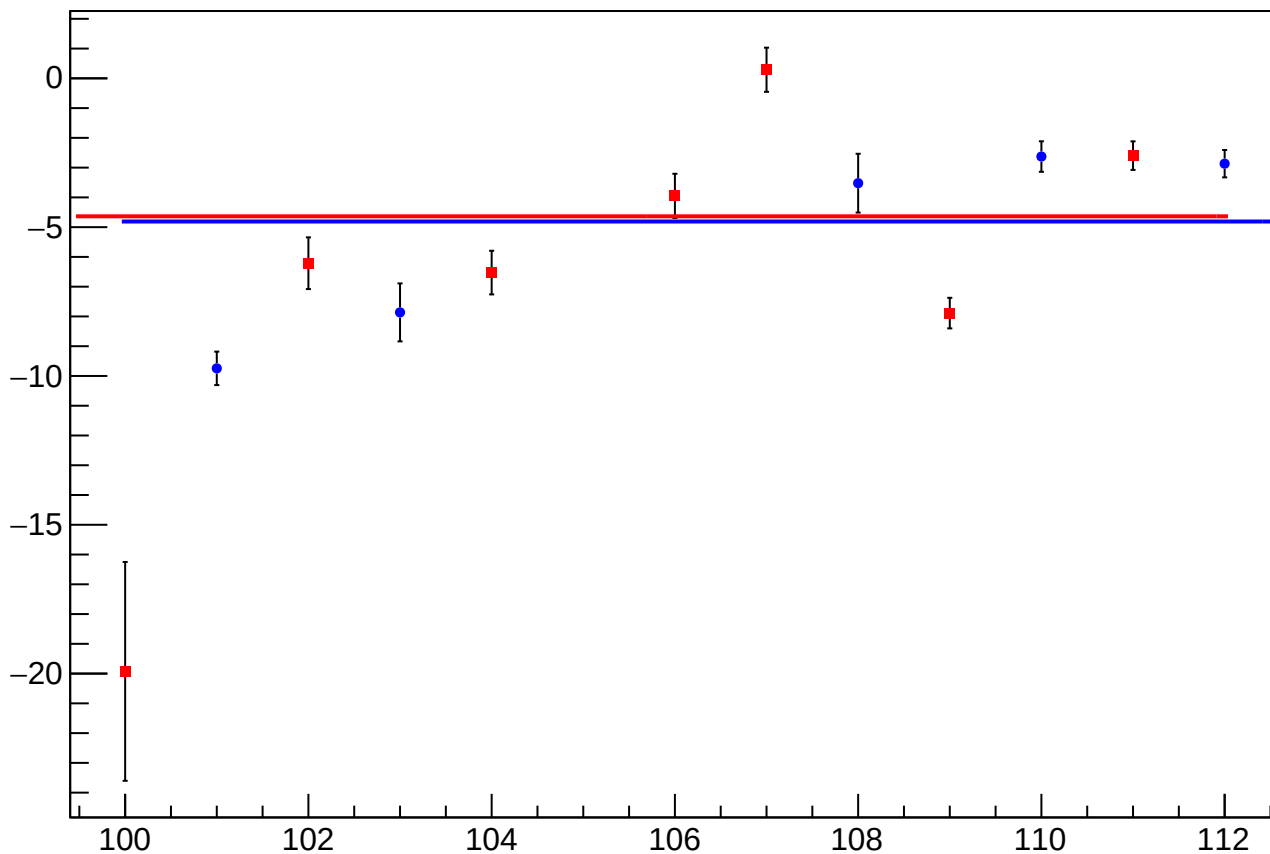
Right: -2.578+/-0.135 χ^2/NDF : 1297.3/11

In: -1.824+/-0.197 χ^2/NDF : 218.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.578+/-0.135 χ^2/NDF : 1297.3/11

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.810 ± 0.269 χ^2/NDF : 124.6/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.636 ± 0.258 χ^2/NDF : 130.3/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

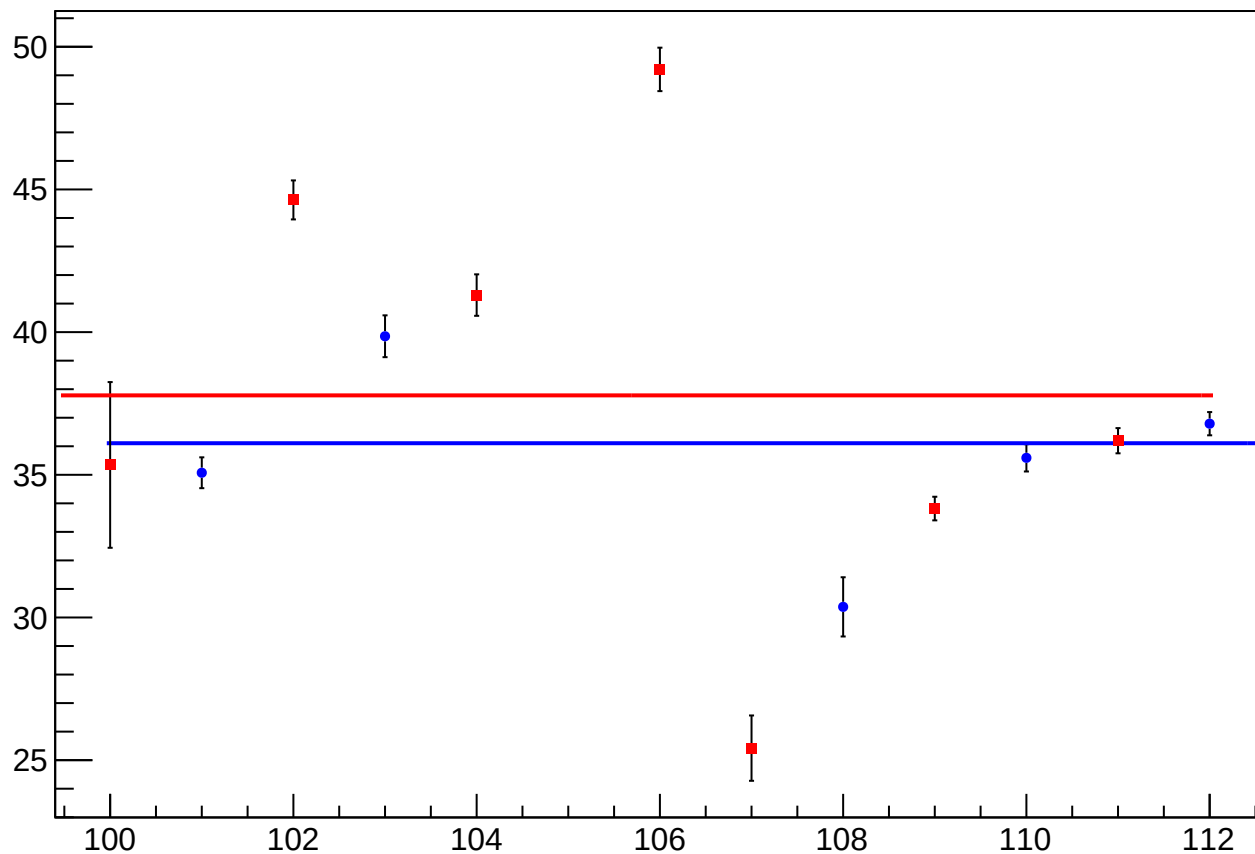
Right: -4.719 ± 0.186 χ^2/NDF : 255.1/11

In: -4.810 ± 0.269 χ^2/NDF : 124.6/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.719 ± 0.186 χ^2/NDF : 255.1/11

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 36.107 $\pm$ 0.245 χ^2 /NDF: 64.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 37.783 $\pm$ 0.238 χ^2 /NDF: 571.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

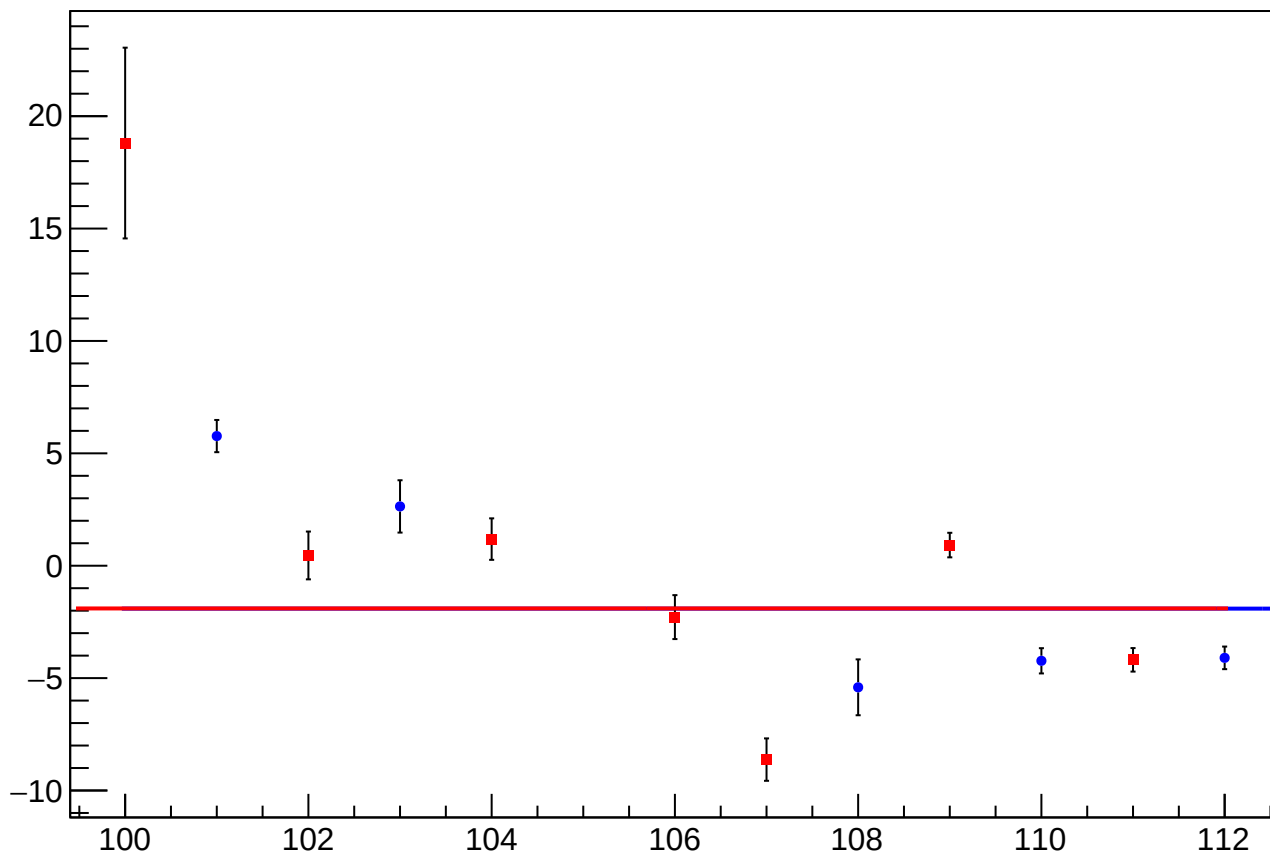
Right: 36.969 $\pm$ 0.171 χ^2 /NDF: 659.5/11

In: 36.107 $\pm$ 0.245 χ^2 /NDF: 64.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.969 $\pm$ 0.171 χ^2 /NDF: 659.5/11

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.909 ± 0.309 χ^2/NDF : 174.0/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.901 ± 0.298 χ^2/NDF : 136.7/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

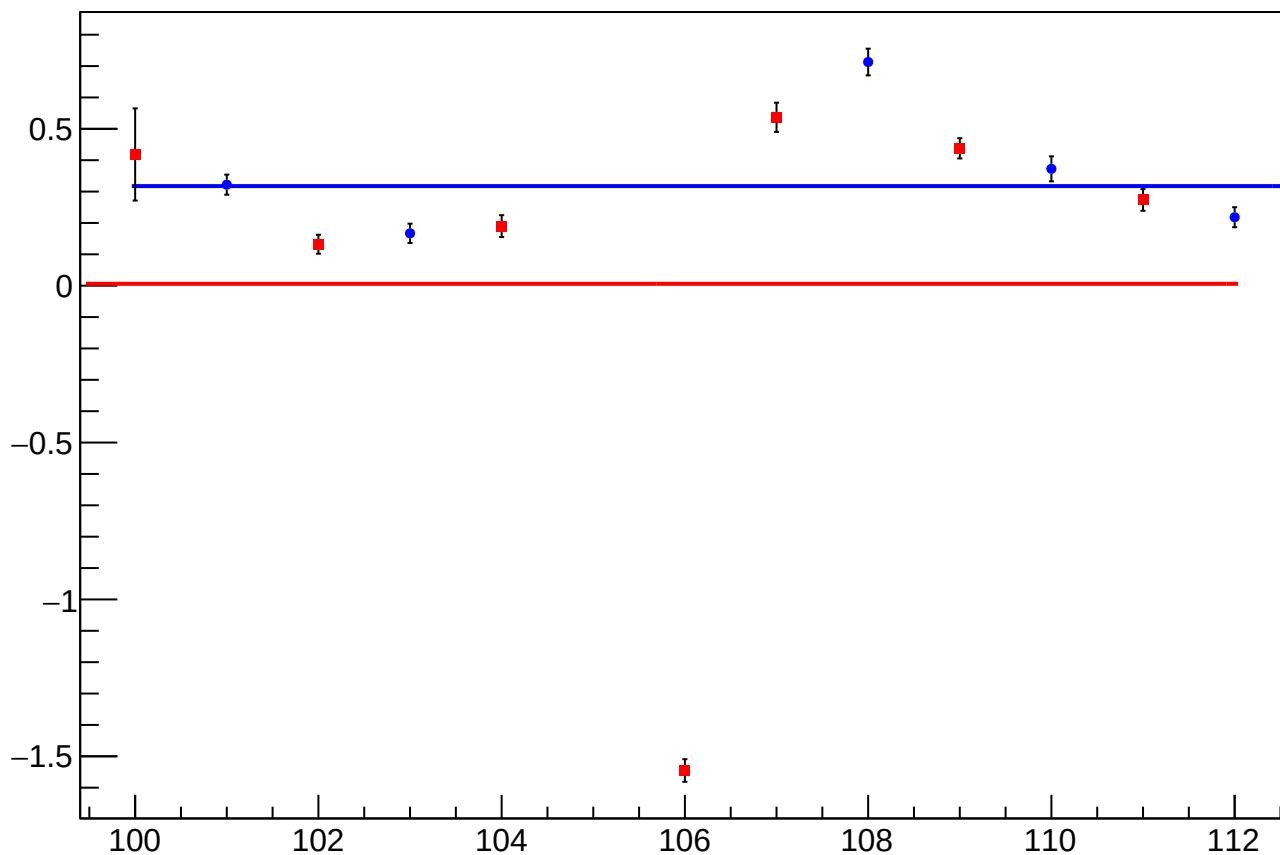
Right: -1.905 ± 0.214 χ^2/NDF : 310.7/11

In: -1.909 ± 0.309 χ^2/NDF : 174.0/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.905 ± 0.214 χ^2/NDF : 310.7/11

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.317 $\pm$ 0.015 χ^2 /NDF: 121.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.006 $\pm$ 0.014 χ^2 /NDF: 2271.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

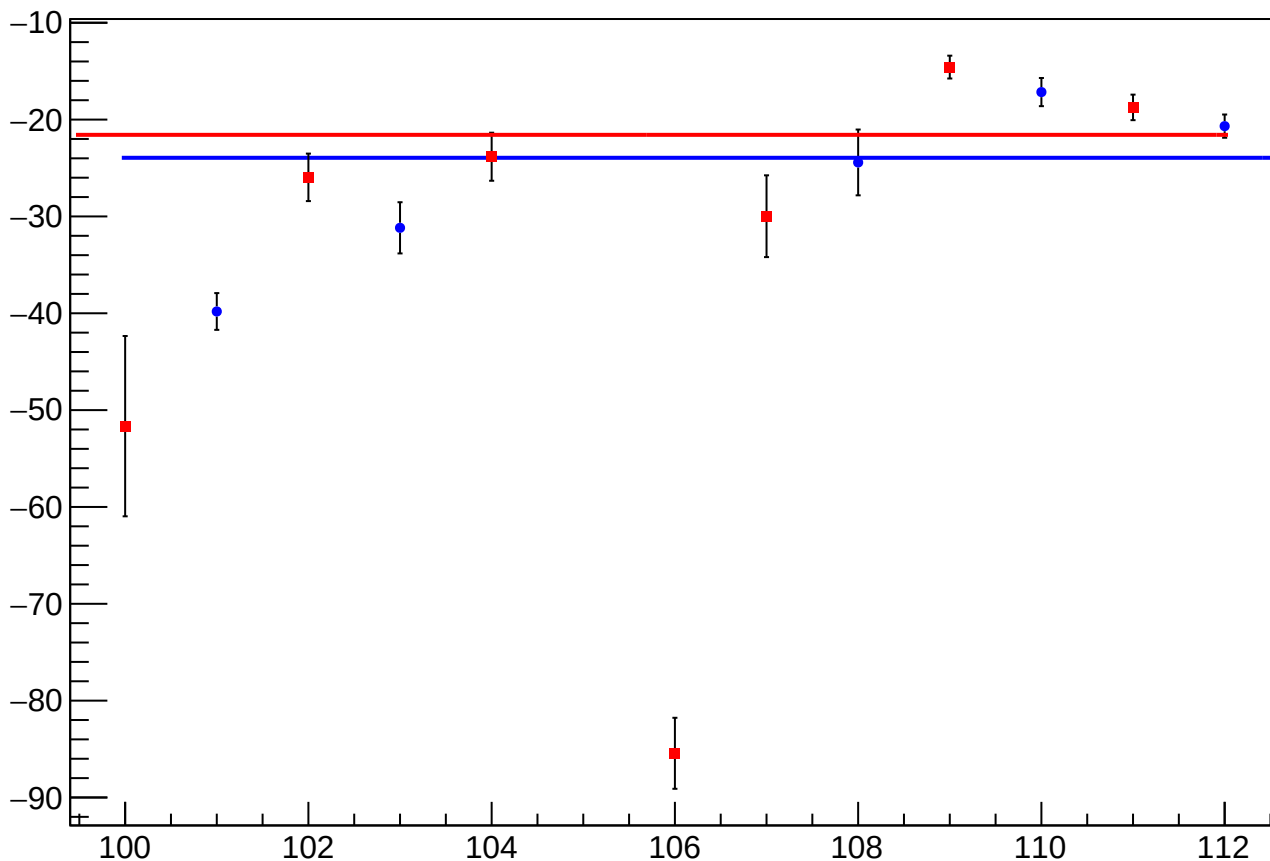
Right: 0.148 $\pm$ 0.010 χ^2 /NDF: 2614.7/11

In: 0.317 $\pm$ 0.015 χ^2 /NDF:121.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.148 $\pm$ 0.010 χ^2 /NDF: 2614.7/11

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -23.944 ± 0.773 χ^2/NDF : 106.6/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -21.575 ± 0.752 χ^2/NDF : 361.7/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

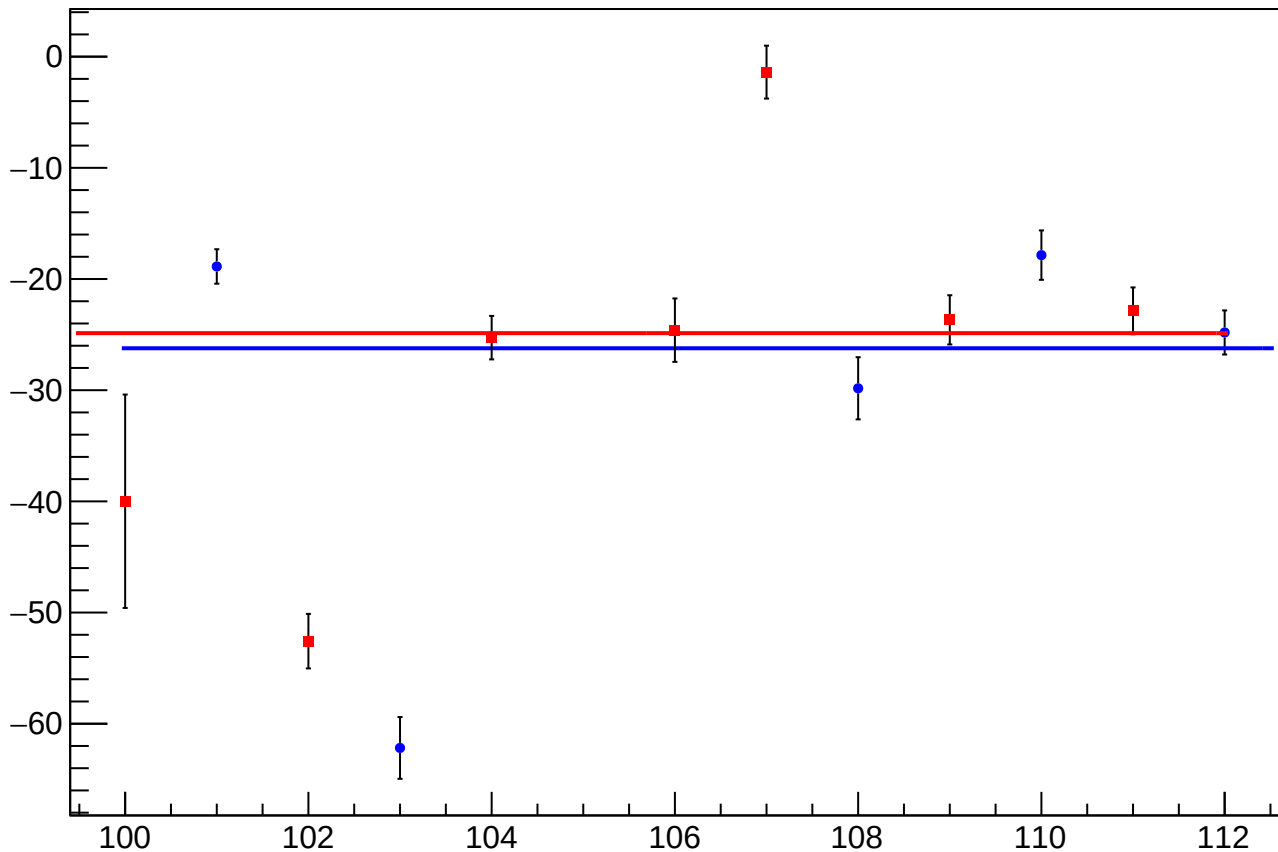
Right: -22.728 ± 0.539 χ^2/NDF : 473.1/11

In: -23.944 ± 0.773 χ^2/NDF : 106.6/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -22.728 ± 0.539 χ^2/NDF : 473.1/11

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -26.228 $\pm$ 0.941 χ^2 /NDF: 206.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -24.869 $\pm$ 0.925 χ^2 /NDF: 228.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

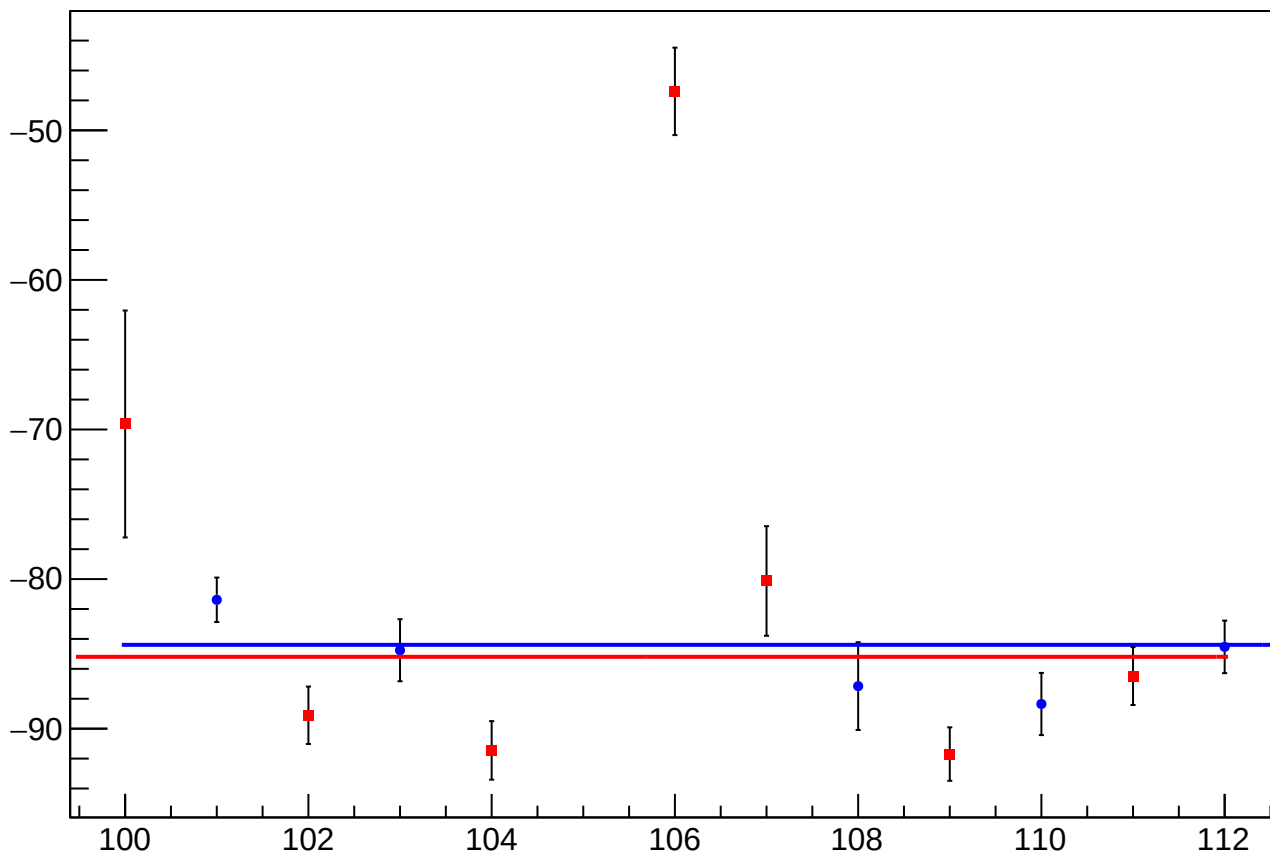
Right: -25.537 $\pm$ 0.660 χ^2 /NDF: 436.1/11

In: -26.228 $\pm$ 0.941 χ^2 /NDF:206.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -25.537 $\pm$ 0.660 χ^2 /NDF: 436.1/11

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -84.396 $\pm$ 0.858 χ^2 /NDF: 8.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -85.195 $\pm$ 0.870 χ^2 /NDF: 201.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

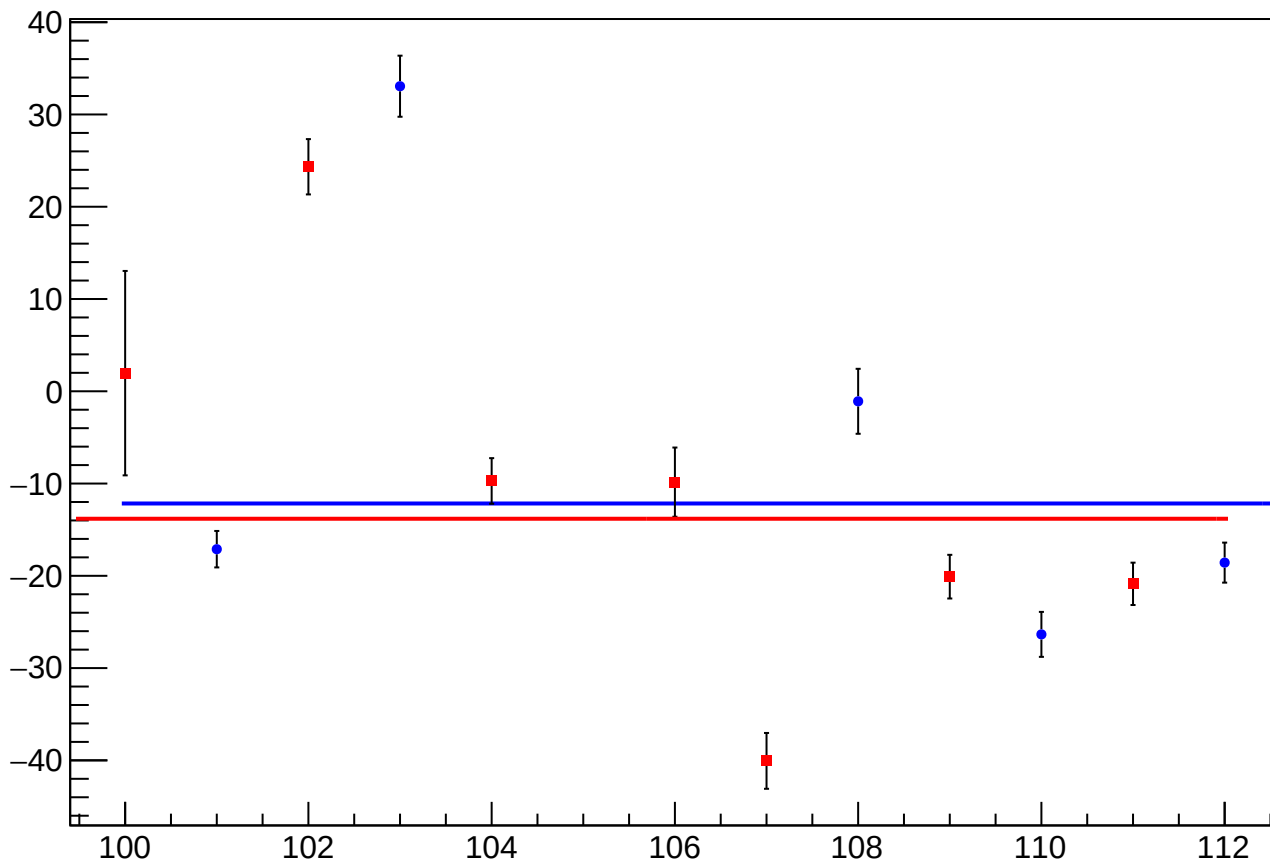
Right: -84.790 $\pm$ 0.611 χ^2 /NDF: 210.6/11

In: -84.396 $\pm$ 0.858 χ^2 /NDF: 8.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -84.790 $\pm$ 0.611 χ^2 /NDF: 210.6/11

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.161+/-1.112 χ^2/NDF : 245.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.815+/-1.096 χ^2/NDF : 259.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

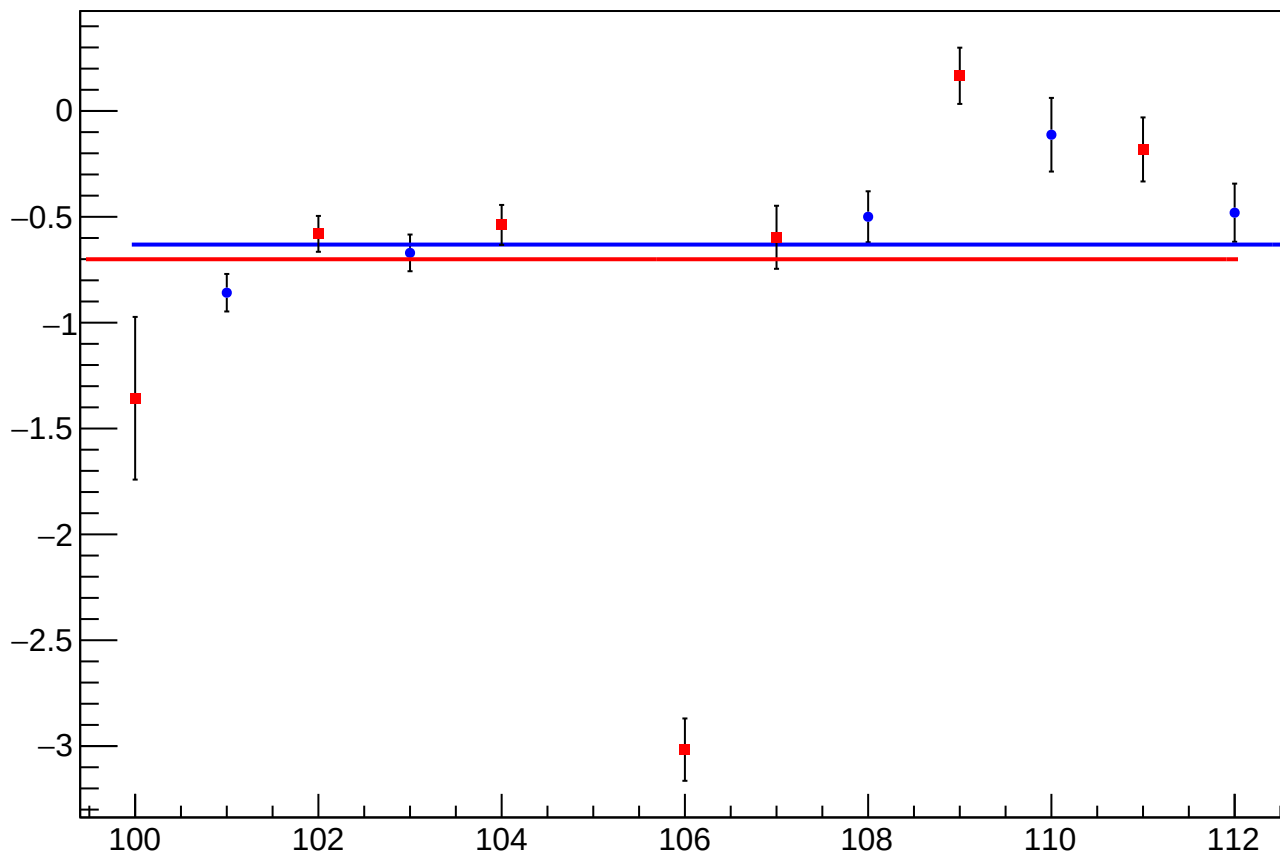
Right: -13.000+/-0.781 χ^2/NDF : 506.1/11

In: -12.161+/-1.112 χ^2/NDF : 245.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.000+/-0.781 χ^2/NDF : 506.1/11

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.631 $\pm$ 0.049 χ^2 /NDF: 18.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.700 $\pm$ 0.047 χ^2 /NDF: 310.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

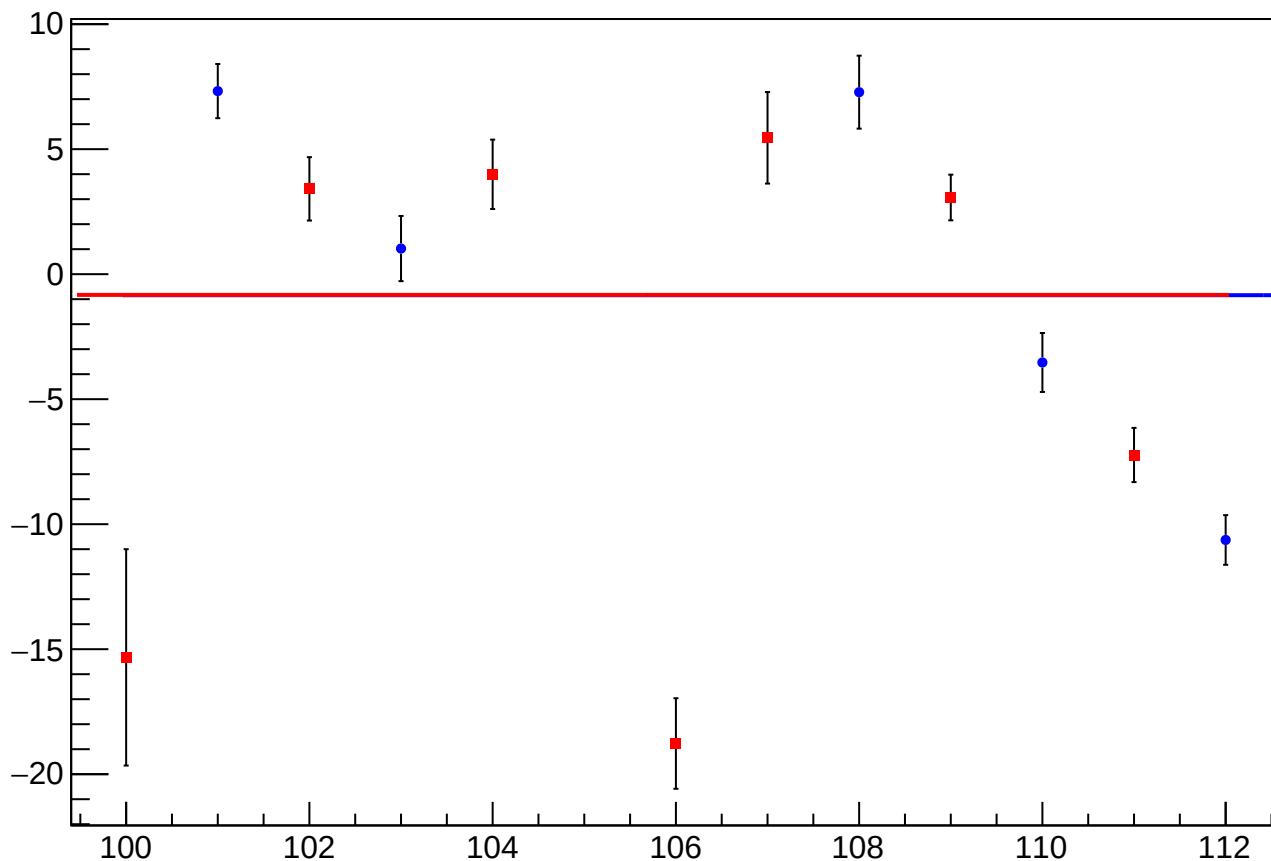
Right: -0.667 $\pm$ 0.034 χ^2 /NDF: 329.3/11

In: -0.631 $\pm$ 0.049 χ^2 /NDF:18.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.667 $\pm$ 0.034 χ^2 /NDF: 329.3/11

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.841+/-0.524 χ^2 /NDF: 192.1/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.829+/-0.510 χ^2 /NDF: 197.5/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

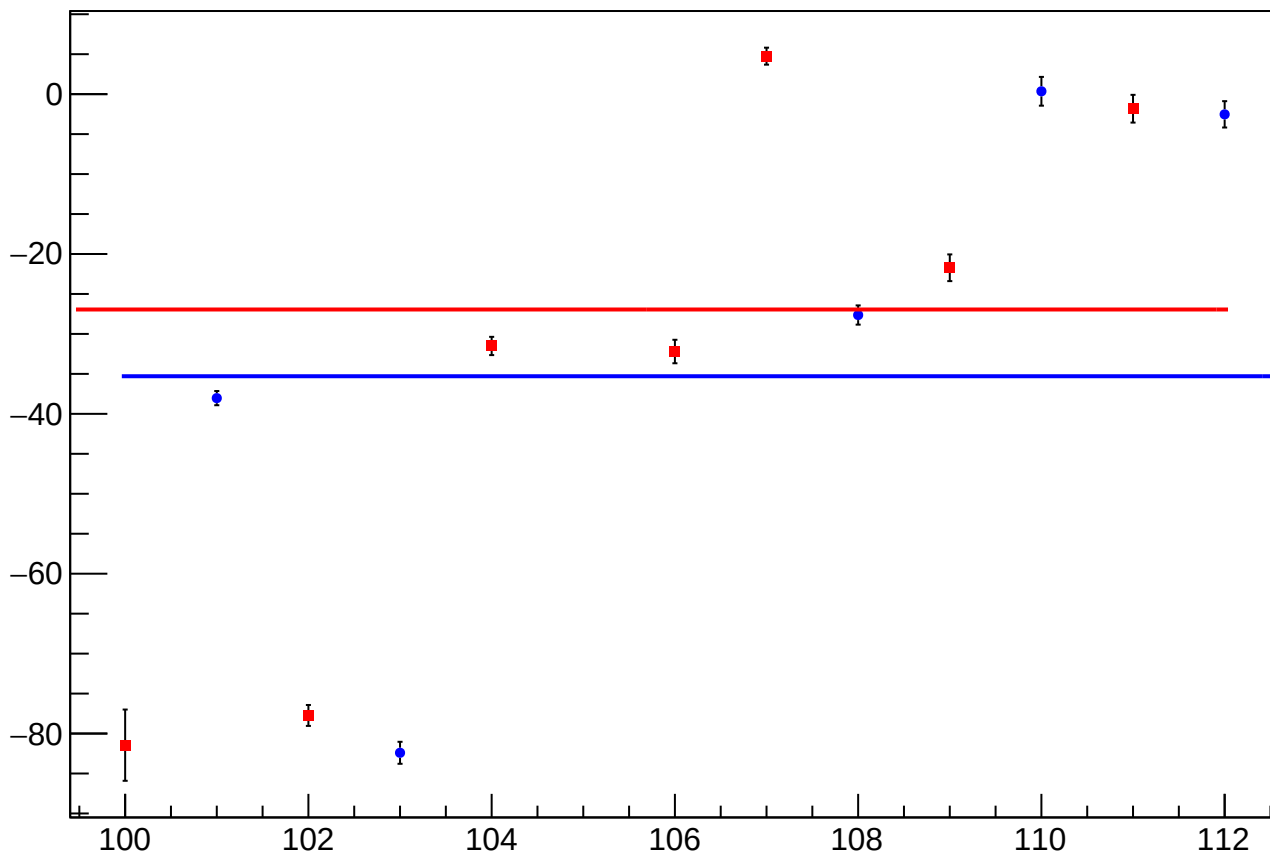
Right: -0.835+/-0.365 χ^2 /NDF: 389.6/11

In: -0.841+/-0.524 χ^2 /NDF:192.1/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.835+/-0.365 χ^2 /NDF: 389.6/11

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -35.294+/-0.563 χ^2/NDF : 2009.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -26.944+/-0.539 χ^2/NDF : 2794.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

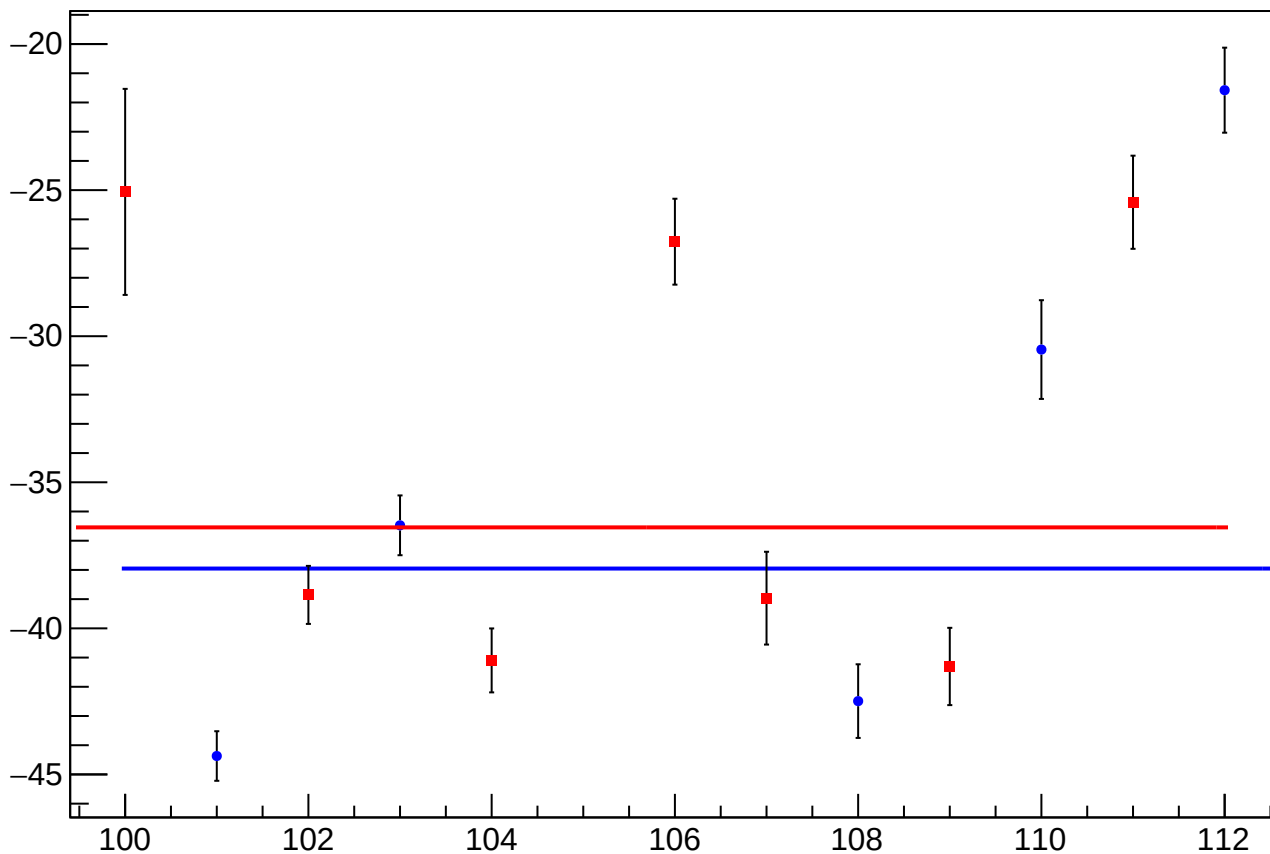
Right: -30.941+/-0.389 χ^2/NDF : 4919.1/11

In: -35.294+/-0.563 χ^2/NDF : 2009.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.941+/-0.389 χ^2/NDF : 4919.1/11

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -37.953 ± 0.513 χ^2/NDF : 218.5/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -36.544 ± 0.516 χ^2/NDF : 141.6/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

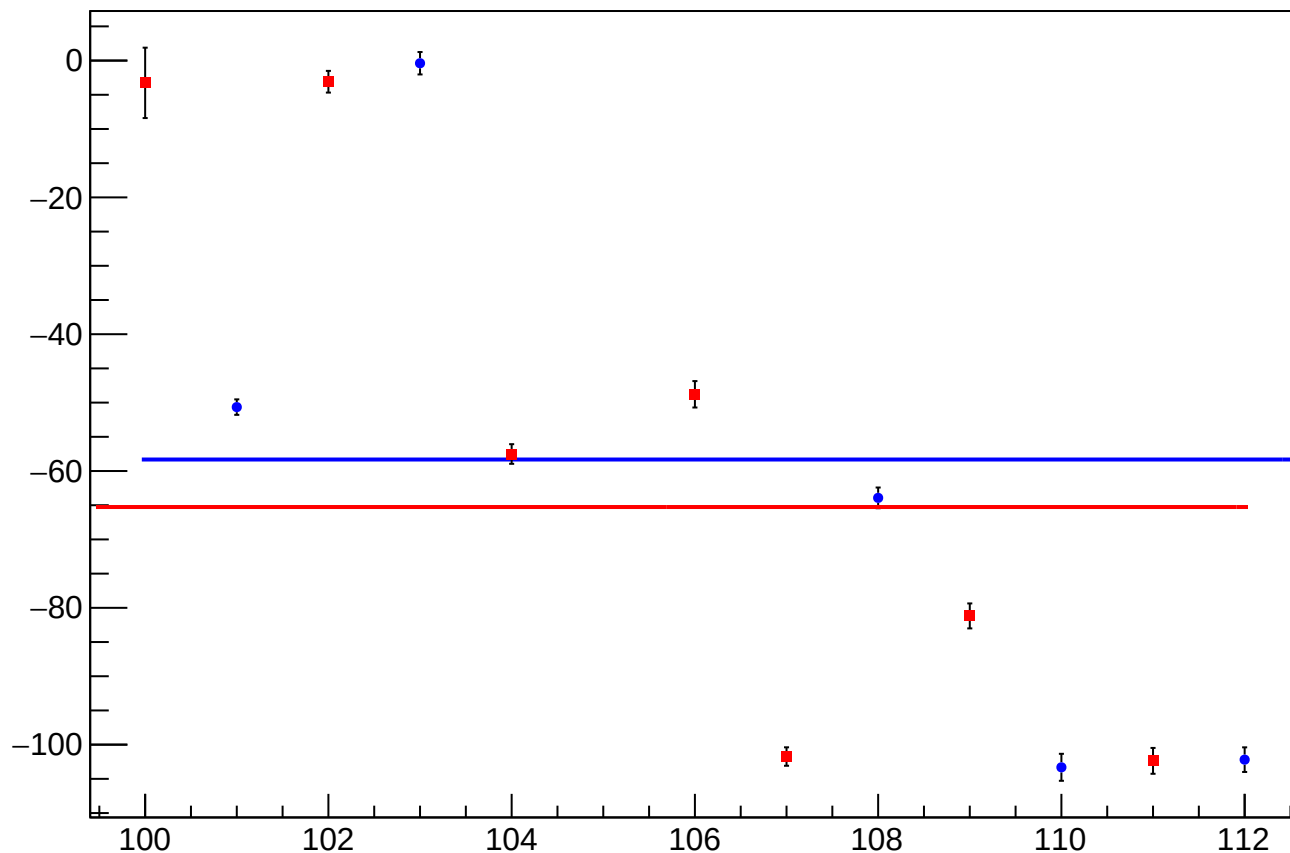
Right: -37.252 ± 0.364 χ^2/NDF : 363.9/11

In: -37.953 ± 0.513 χ^2/NDF : 218.5/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -37.252 ± 0.364 χ^2/NDF : 363.9/11

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -58.318 $\pm$ 0.681 χ^2 /NDF: 2424.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -65.263 $\pm$ 0.657 χ^2 /NDF: 2975.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

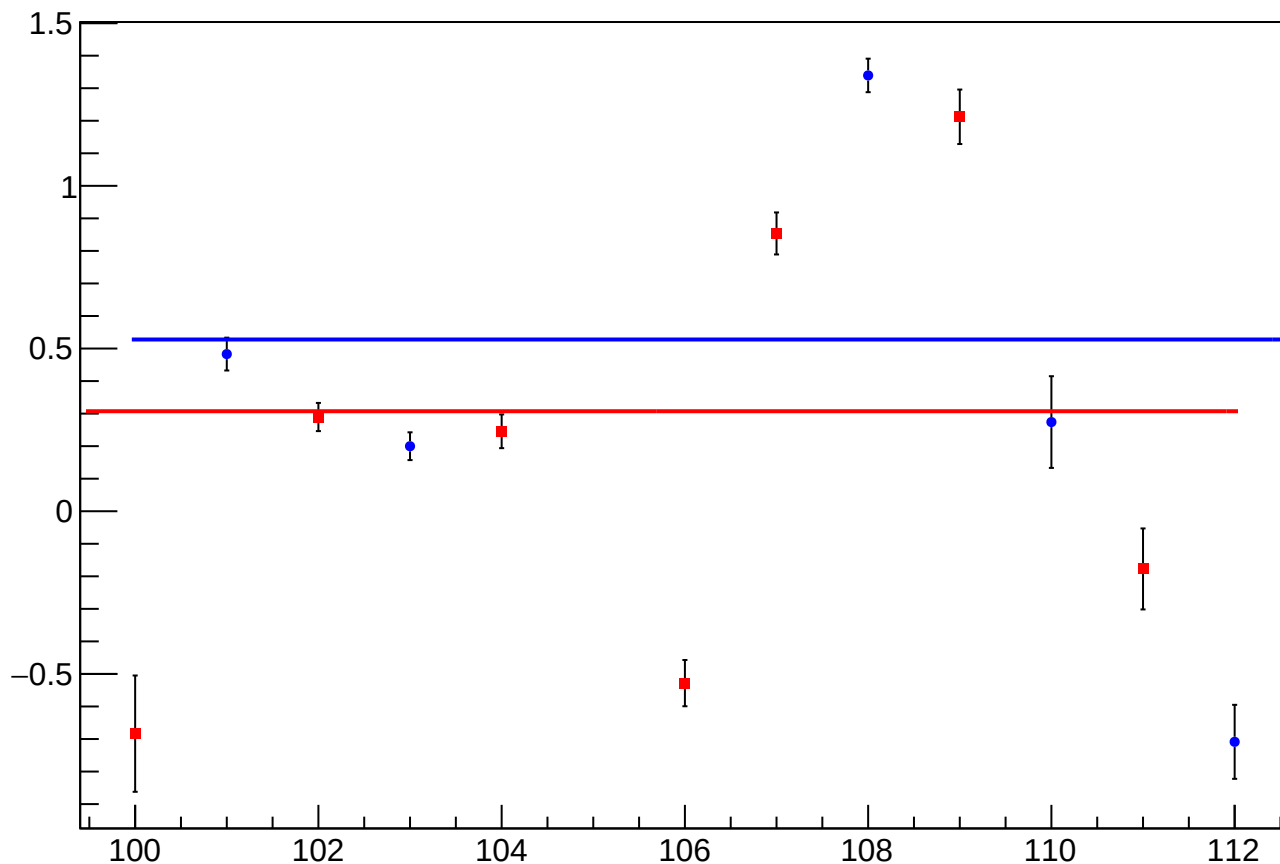
Right: -61.917 $\pm$ 0.473 χ^2 /NDF: 5453.7/11

In: -58.318 $\pm$ 0.681 χ^2 /NDF:2424.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -61.917 $\pm$ 0.473 χ^2 /NDF: 5453.7/11

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.528+/-0.026 χ^2/NDF : 429.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.307+/-0.025 χ^2/NDF : 374.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

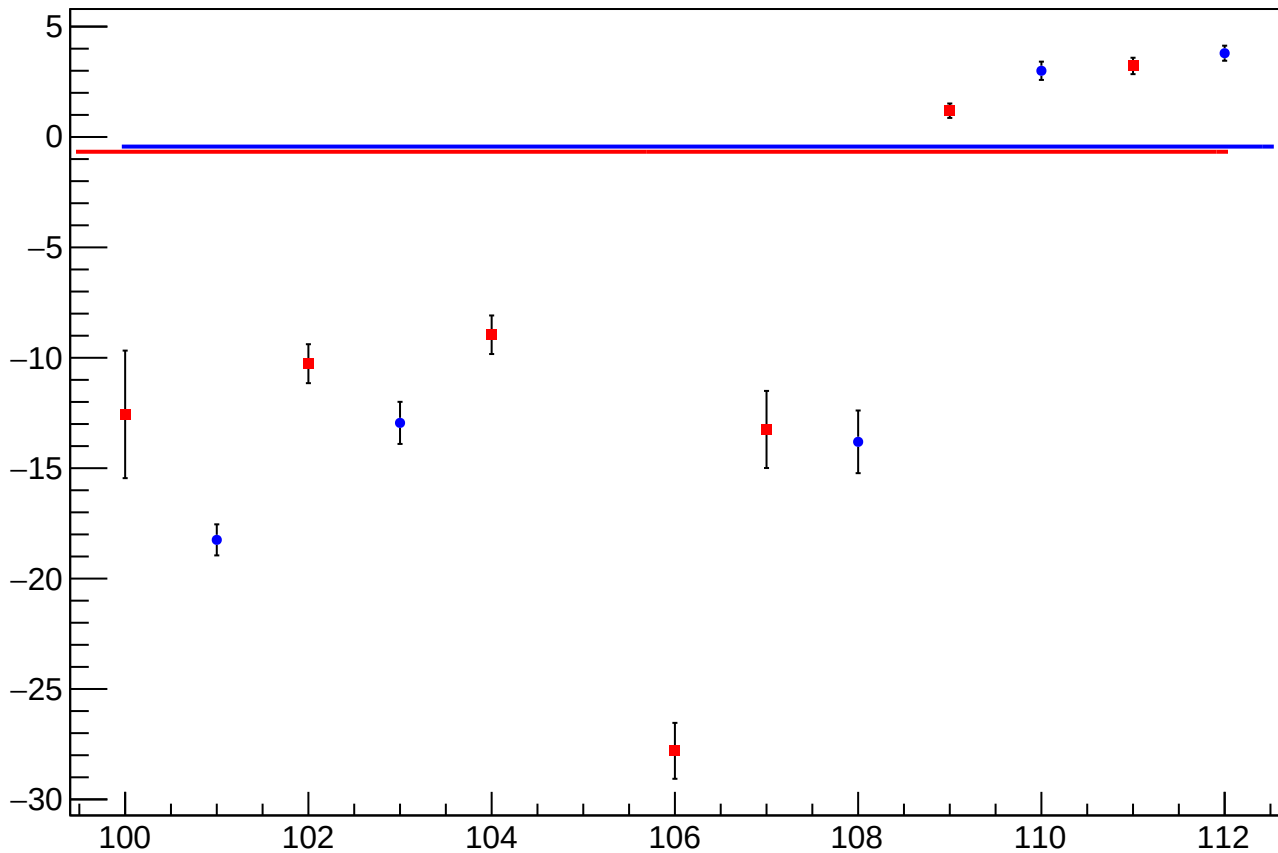
Right: 0.413+/-0.018 χ^2/NDF : 840.6/11

In: 0.528+/-0.026 χ^2/NDF : 429.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.413+/-0.018 χ^2/NDF : 840.6/11

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.435+/-0.235 χ^2 /NDF: 1124.3/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.668+/-0.222 χ^2 /NDF: 878.6/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

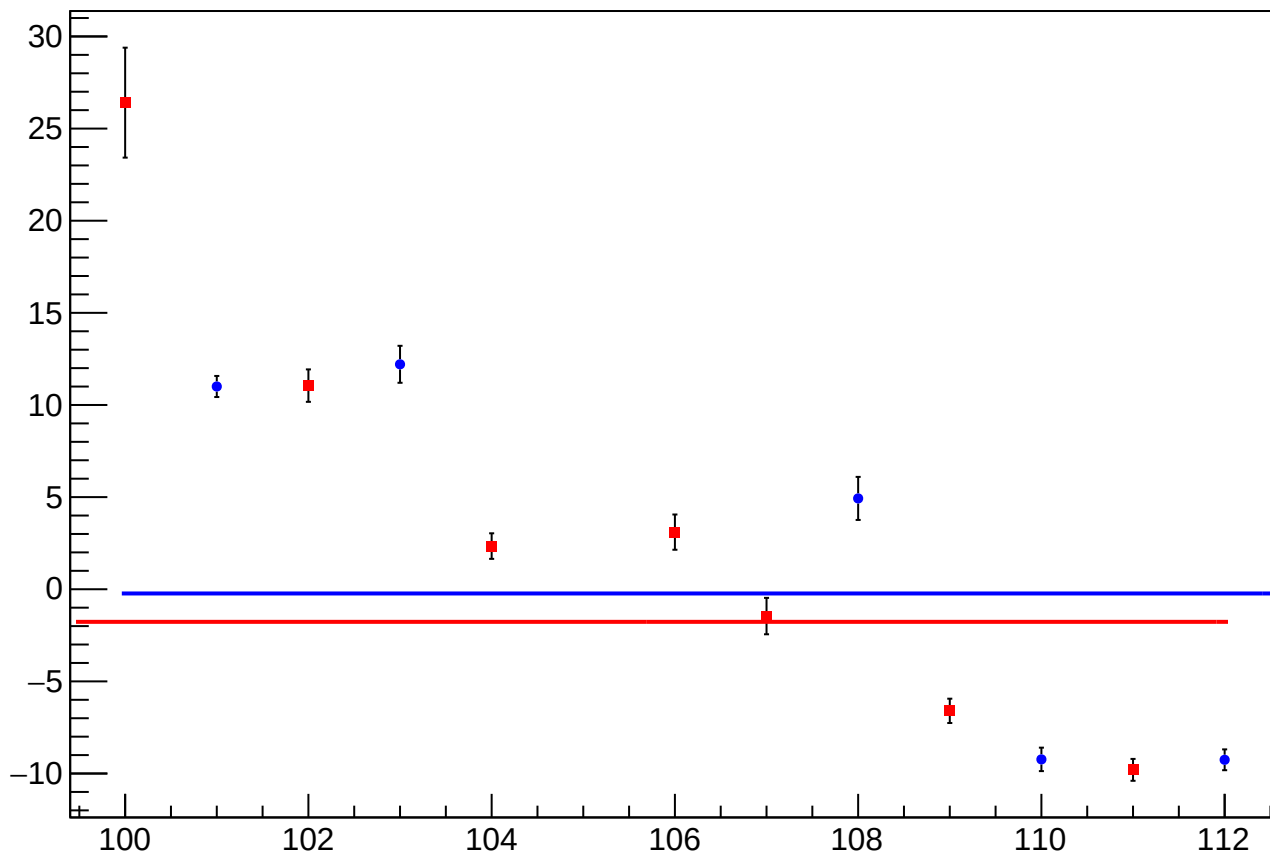
Right: -0.558+/-0.161 χ^2 /NDF: 2003.5/11

In: -0.435+/-0.235 χ^2 /NDF:1124.3/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.558+/-0.161 χ^2 /NDF: 2003.5/11

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.229 ± 0.310 χ^2/NDF : 1014.5/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.769 ± 0.305 χ^2/NDF : 599.1/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

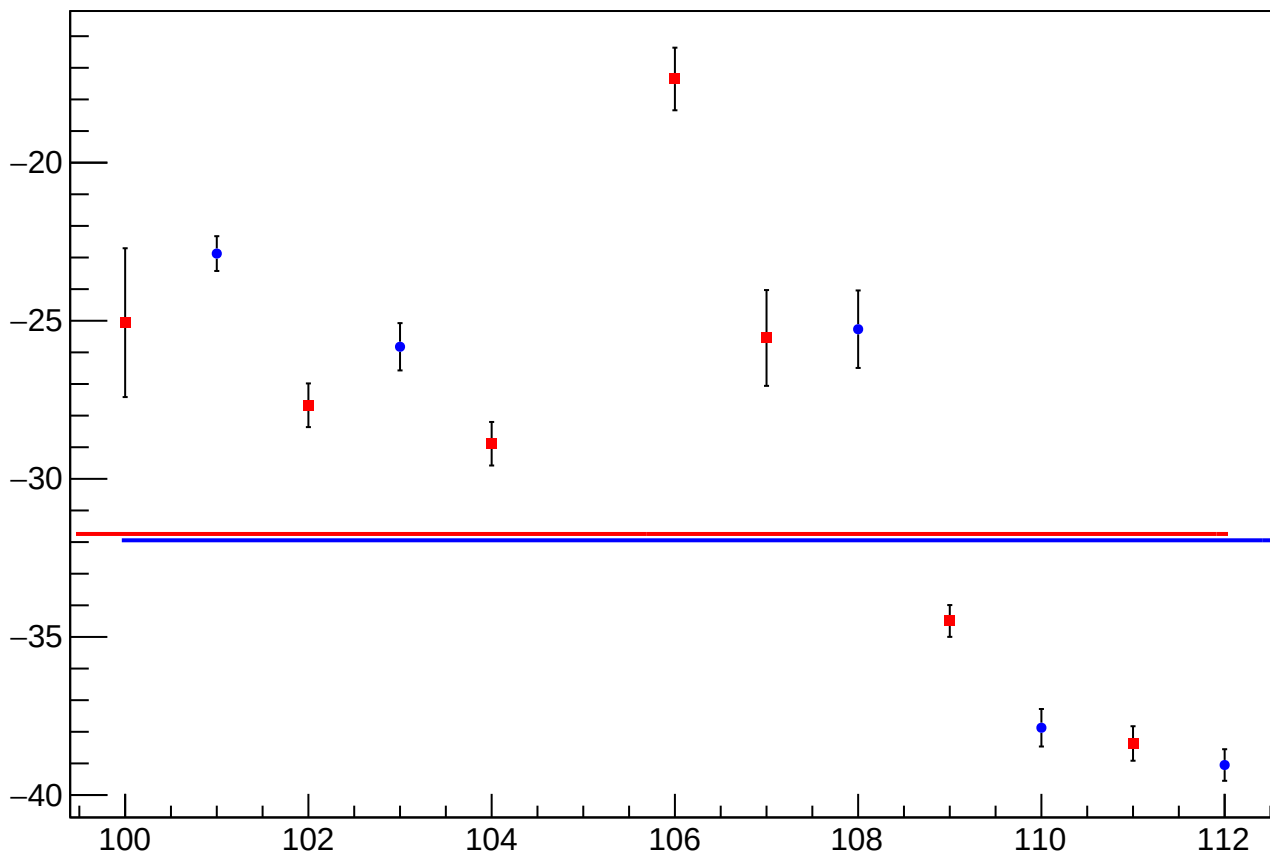
Right: -1.012 ± 0.218 χ^2/NDF : 1626.1/11

In: -0.229 ± 0.310 χ^2/NDF : 1014.5/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.012 ± 0.218 χ^2/NDF : 1626.1/11

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -31.943 $\pm$ 0.282 χ^2 /NDF: 670.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -31.743 $\pm$ 0.276 χ^2 /NDF: 465.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

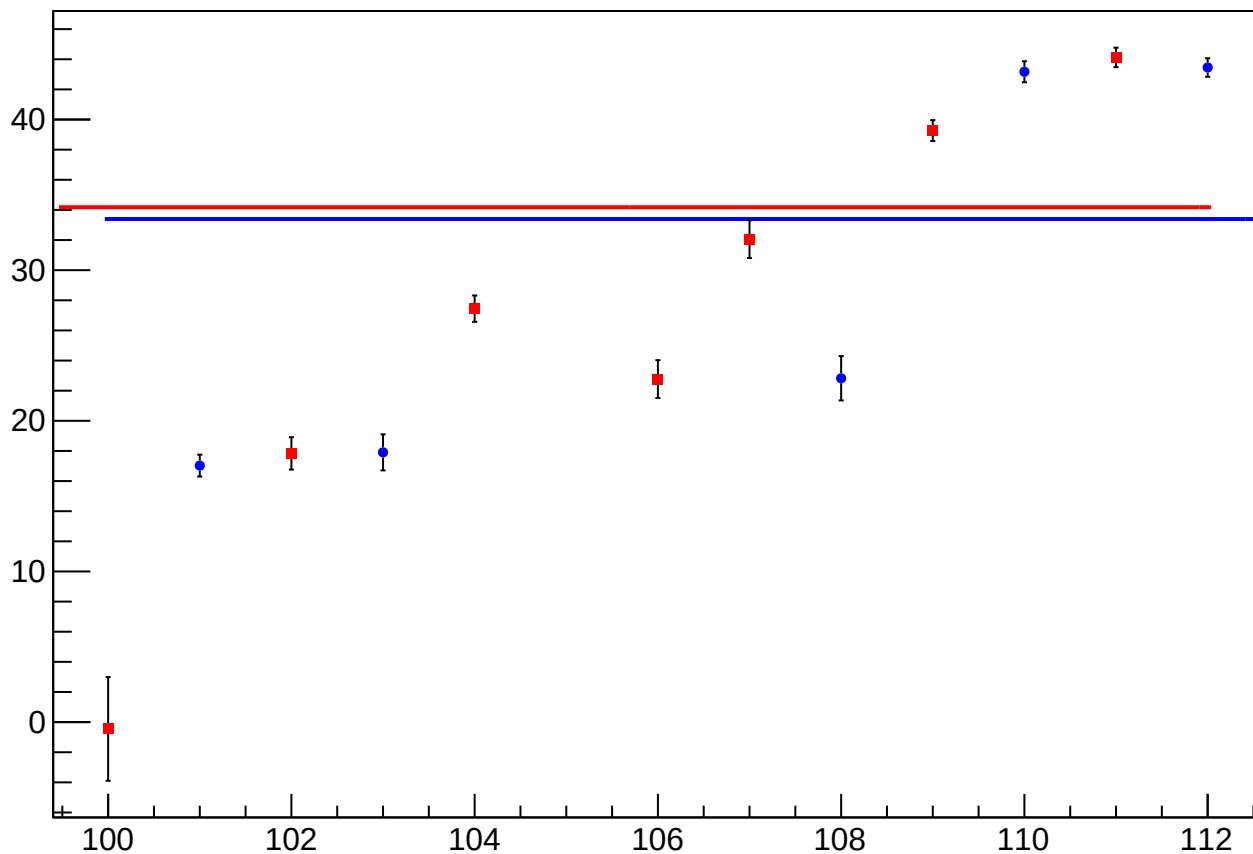
Right: -31.841 $\pm$ 0.197 χ^2 /NDF: 1136.2/11

In: -31.943 $\pm$ 0.282 χ^2 /NDF: 670.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -31.841 $\pm$ 0.197 χ^2 /NDF: 1136.2/11

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 33.396+/-0.360 χ^2/NDF : 1186.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.179+/-0.354 χ^2/NDF : 765.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

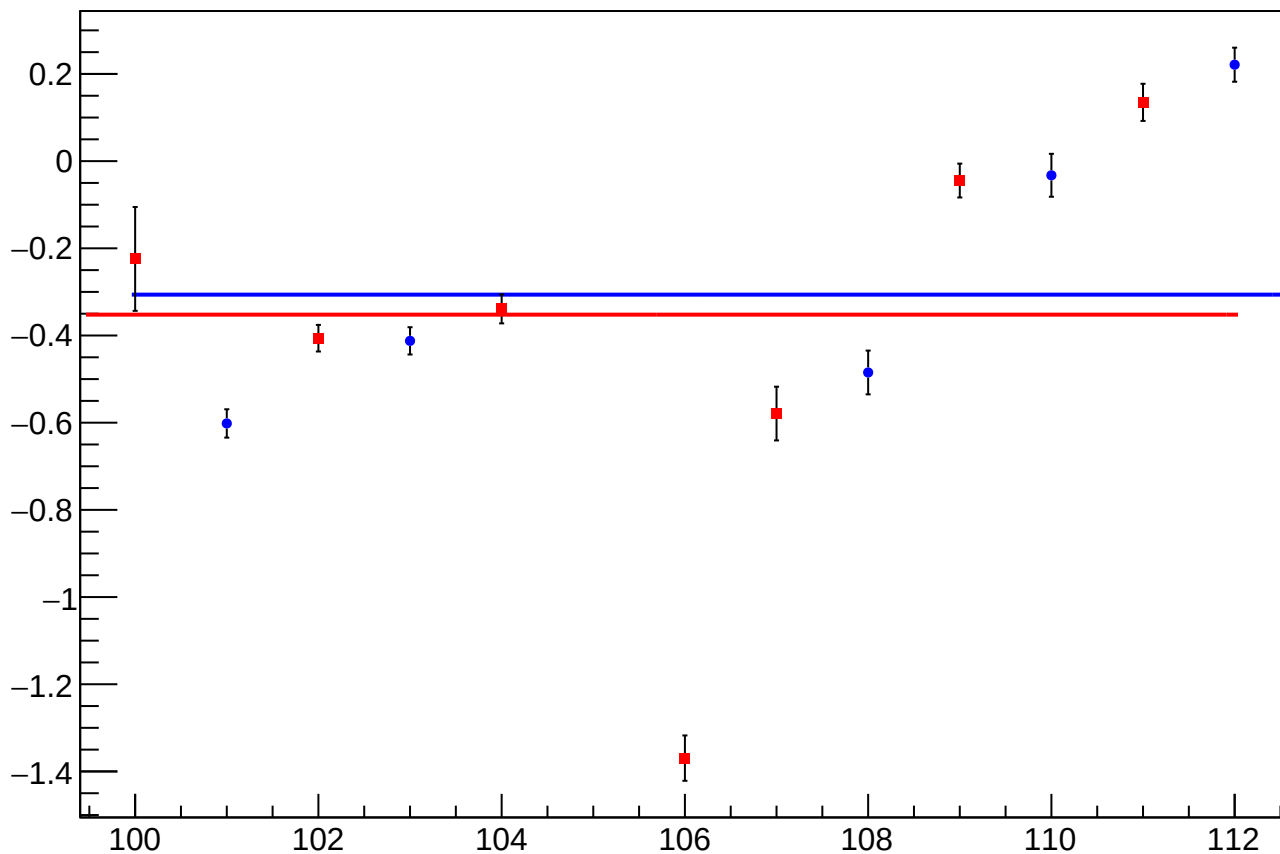
Right: 33.794+/-0.252 χ^2/NDF : 1954.2/11

In: 33.396+/-0.360 χ^2/NDF : 1186.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.794+/-0.252 χ^2/NDF : 1954.2/11

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.306 $\pm$ 0.017 χ^2 /NDF: 320.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.352 $\pm$ 0.016 χ^2 /NDF: 593.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

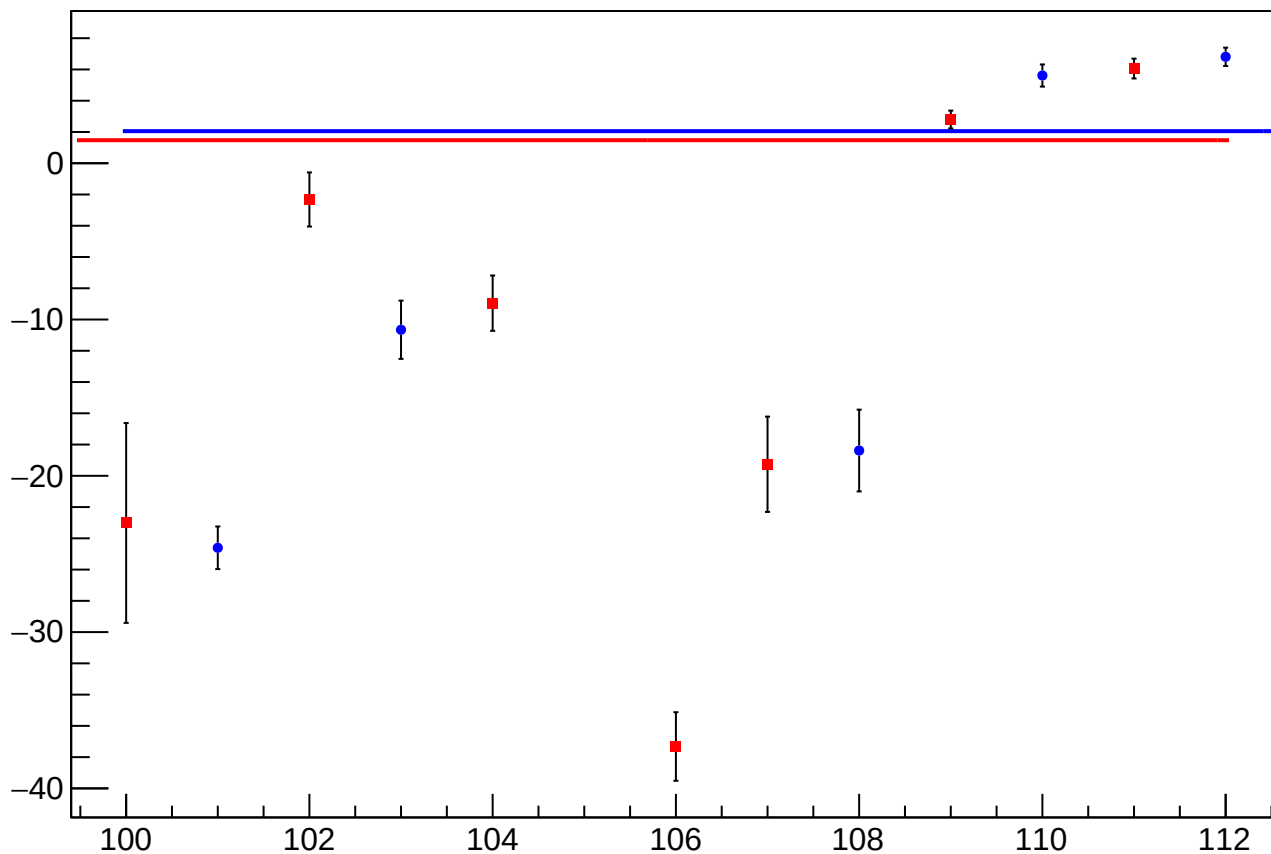
Right: -0.331 $\pm$ 0.012 χ^2 /NDF: 917.6/11

In: -0.306 $\pm$ 0.017 χ^2 /NDF:320.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.331 $\pm$ 0.012 χ^2 /NDF: 917.6/11

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 2.054+/-0.412 χ^2/NDF : 581.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.473+/-0.391 χ^2/NDF : 470.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

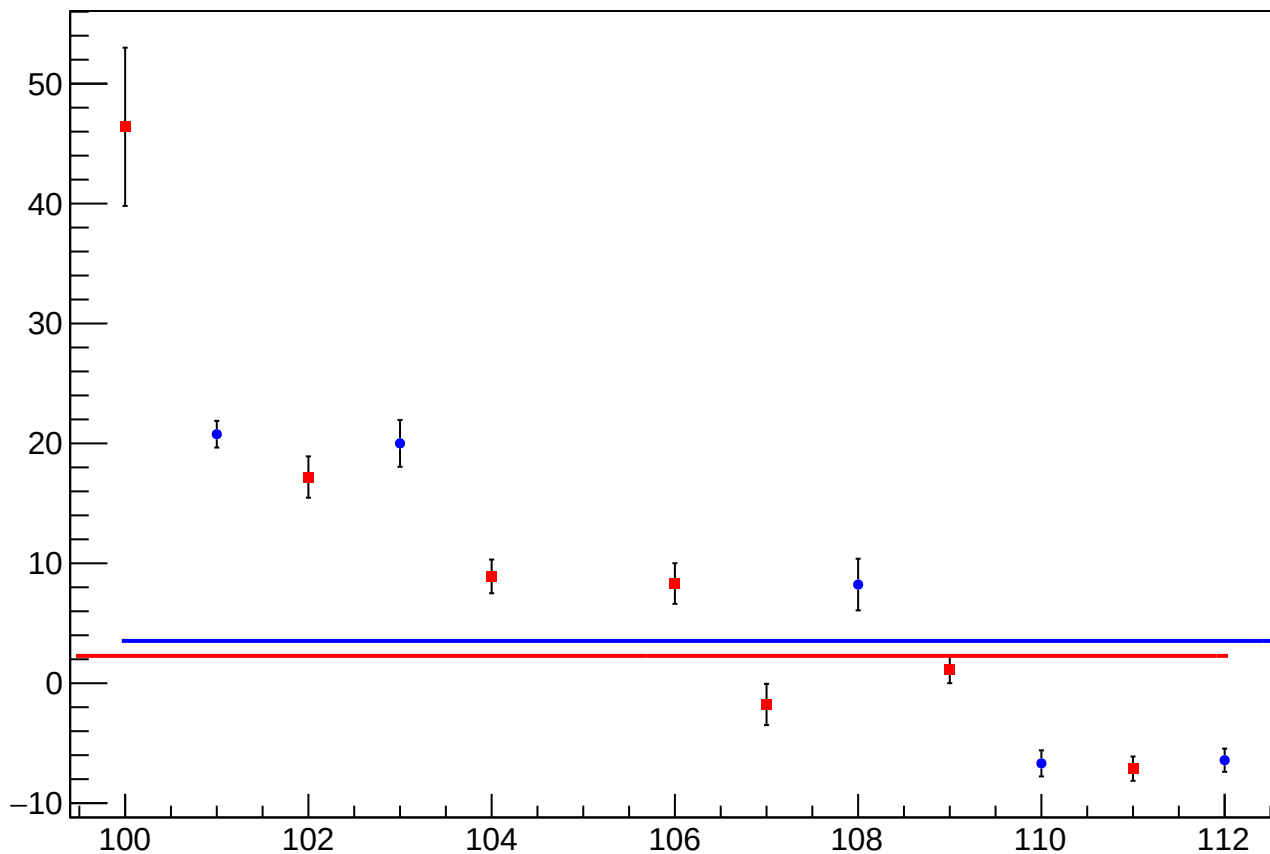
Right: 1.748+/-0.284 χ^2/NDF : 1053.6/11

In: 2.054+/-0.412 χ^2/NDF : 581.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.748+/-0.284 χ^2/NDF : 1053.6/11

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.531+/-0.559 χ^2/NDF : 510.7/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2.284+/-0.548 χ^2/NDF : 247.5/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

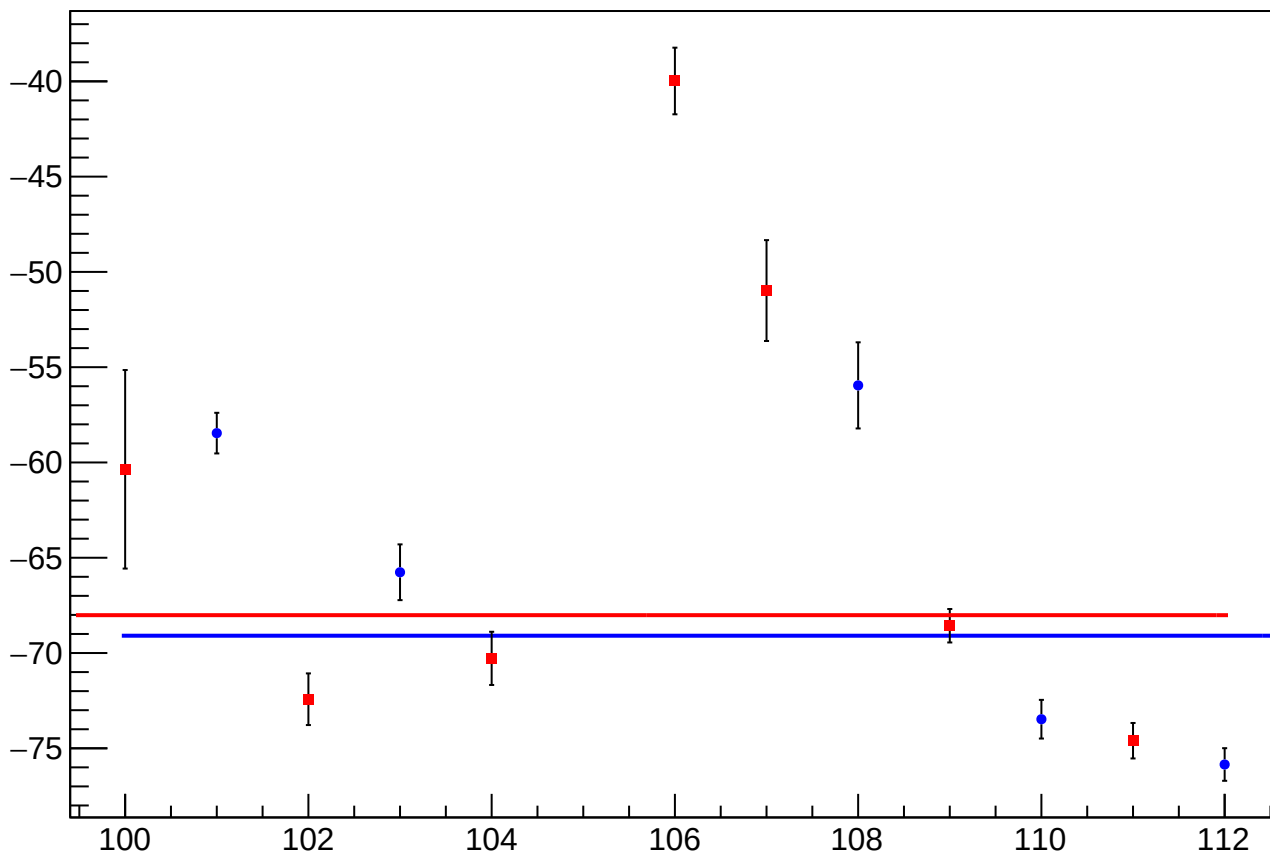
Right: 2.895+/-0.391 χ^2/NDF : 760.7/11

In: 3.531+/-0.559 χ^2/NDF :510.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2.895+/-0.391 χ^2/NDF : 760.7/11

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -69.092 ± 0.508 χ^2/NDF : 219.4/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -68.014 ± 0.499 χ^2/NDF : 364.4/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

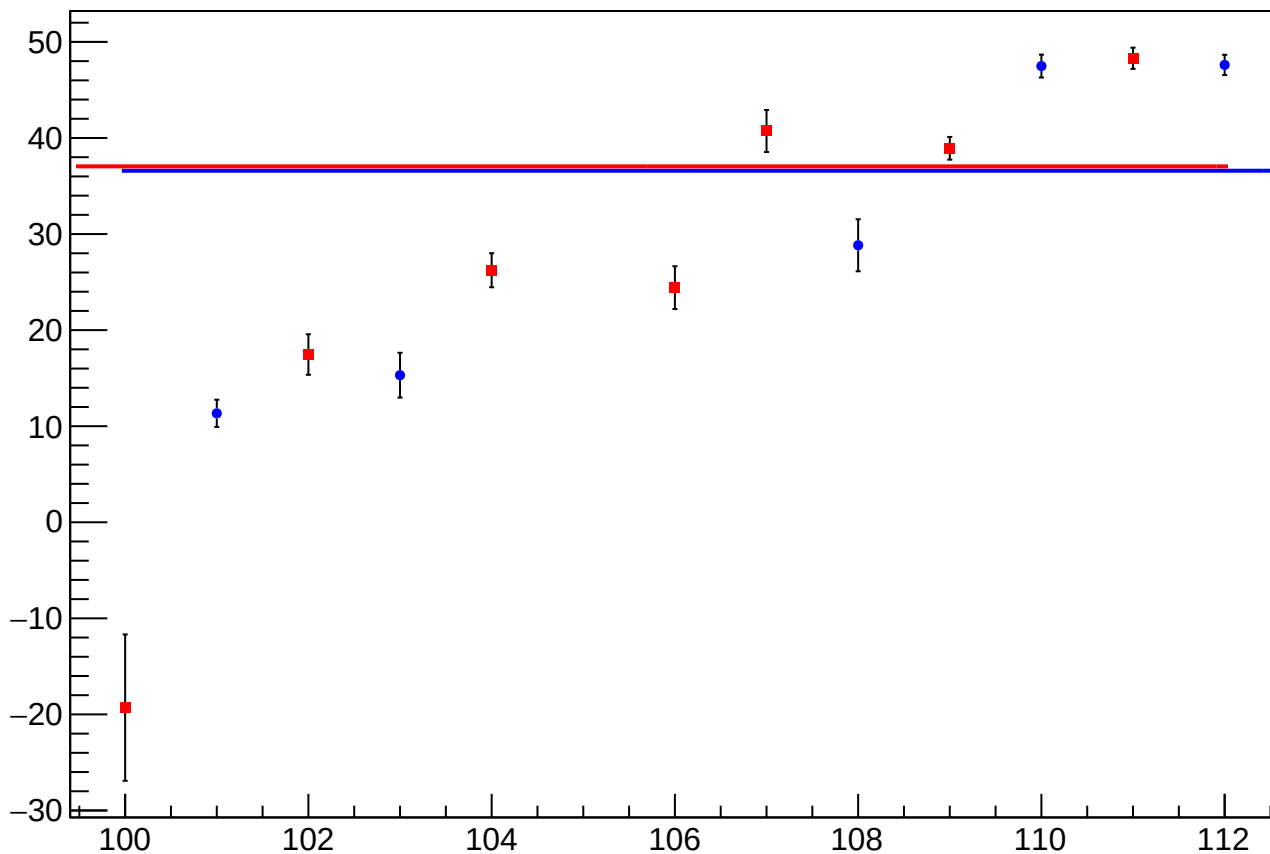
Right: -68.543 ± 0.356 χ^2/NDF : 586.1/11

In: -69.092 ± 0.508 χ^2/NDF : 219.4/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -68.543 ± 0.356 χ^2/NDF : 586.1/11

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 36.593 $\pm$ 0.643 χ^2 /NDF: 601.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 37.048 $\pm$ 0.631 χ^2 /NDF: 319.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

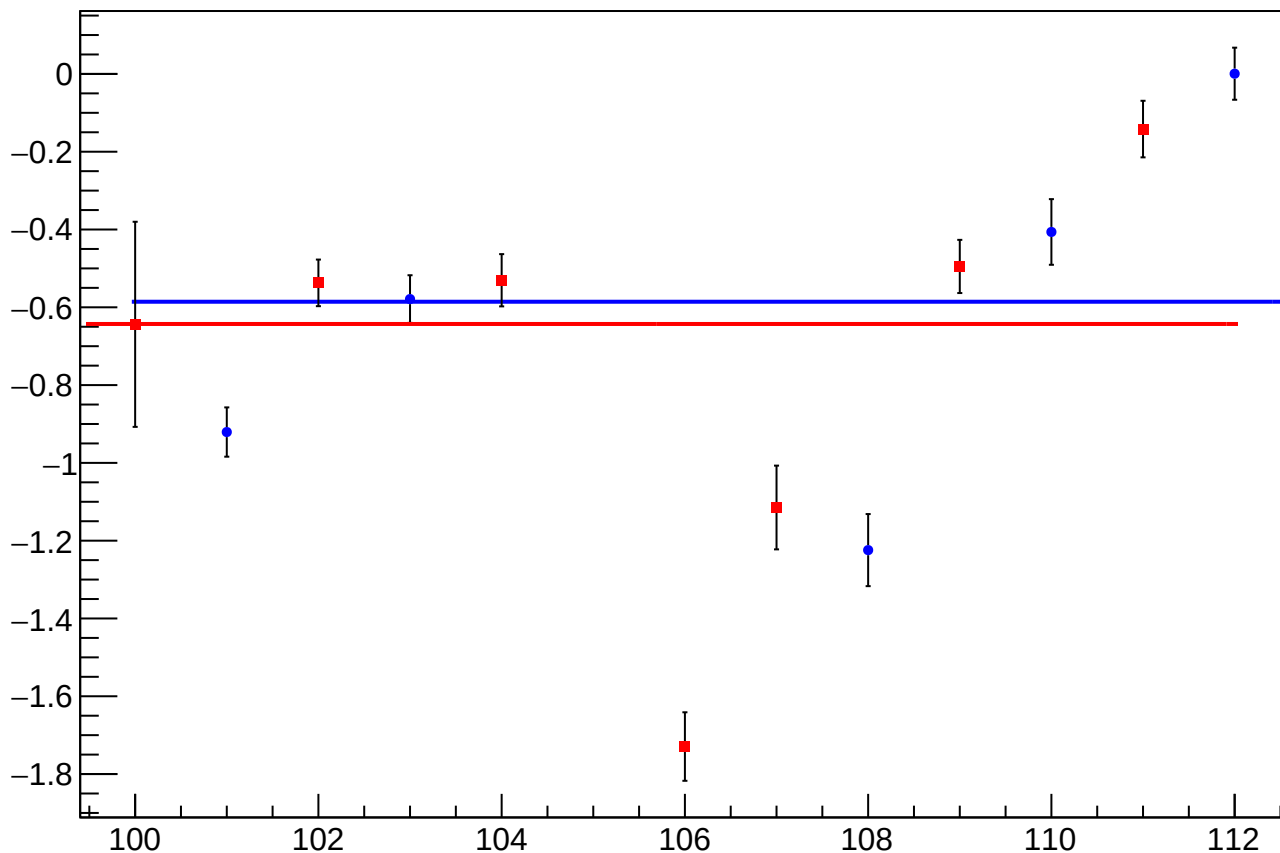
Right: 36.824 $\pm$ 0.451 χ^2 /NDF: 921.3/11

In: 36.593 $\pm$ 0.643 χ^2 /NDF:601.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 36.824 $\pm$ 0.451 χ^2 /NDF: 921.3/11

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.586 $\pm$ 0.032 χ^2 /NDF: 156.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.643 $\pm$ 0.030 χ^2 /NDF: 229.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

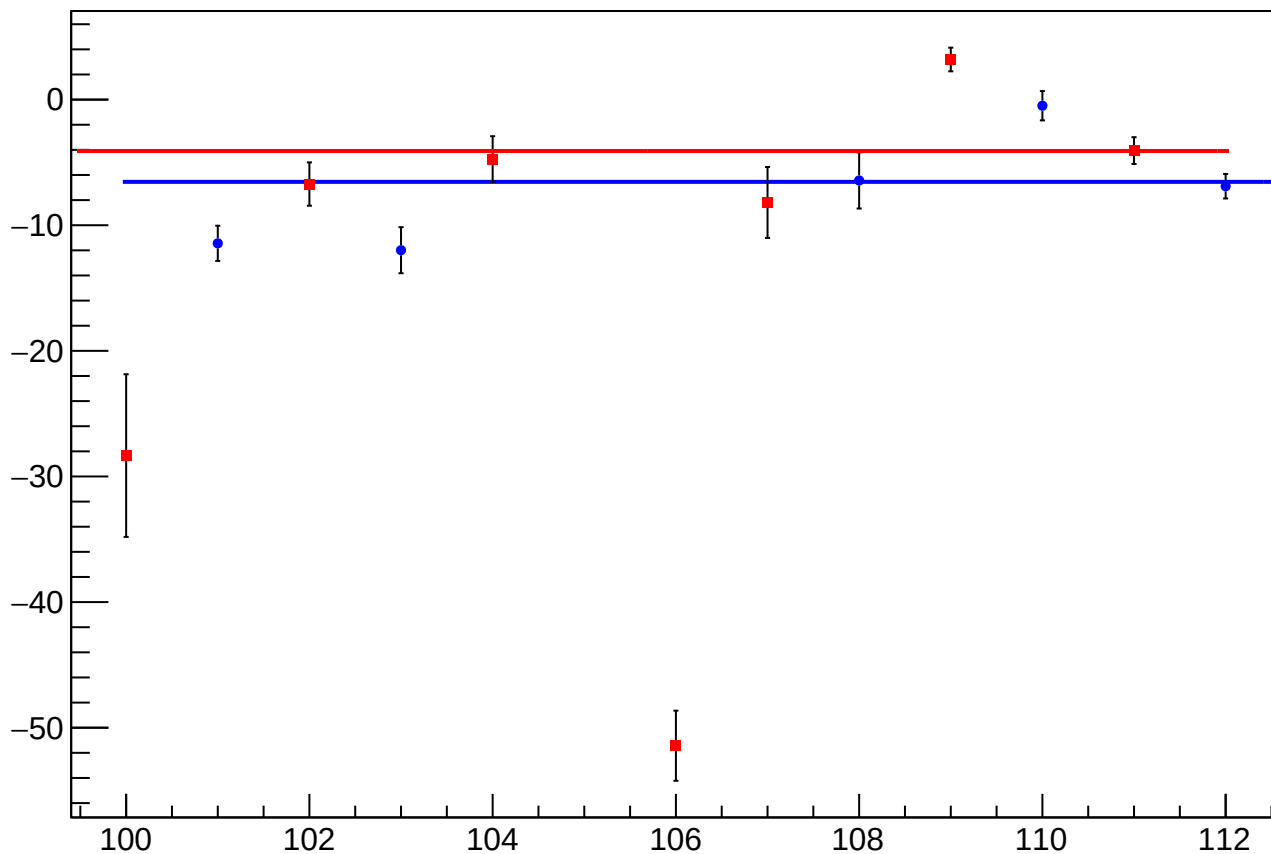
Right: -0.616 $\pm$ 0.022 χ^2 /NDF: 387.8/11

In: -0.586 $\pm$ 0.032 χ^2 /NDF:156.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.616 $\pm$ 0.022 χ^2 /NDF: 387.8/11

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.547 ± 0.598 $\chi^2/\text{NDF}: 48.1/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -4.090 ± 0.585 $\chi^2/\text{NDF}: 365.9/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

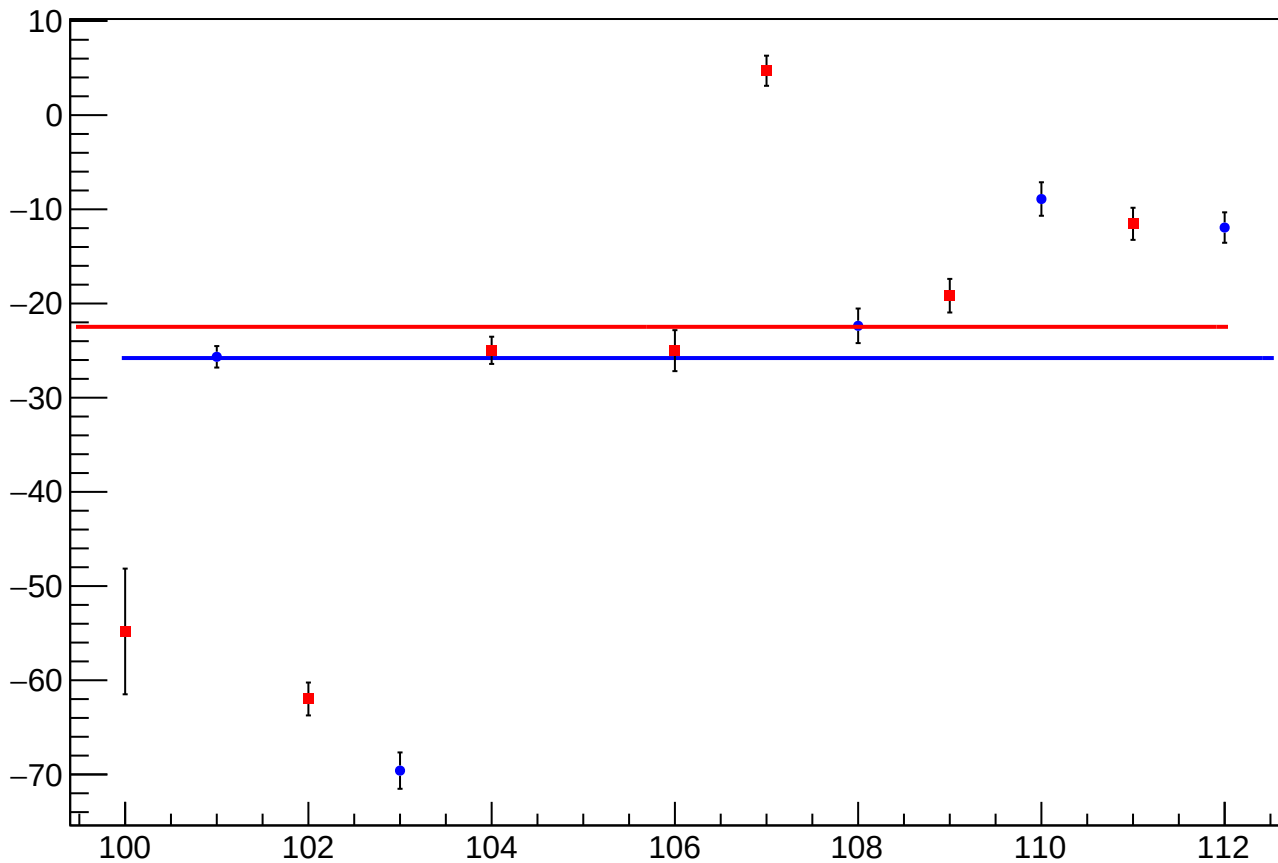
Right: -5.291 ± 0.418 $\chi^2/\text{NDF}: 422.7/11$

In: -6.547 ± 0.598 $\chi^2/\text{NDF}: 48.1/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -5.291 ± 0.418 $\chi^2/\text{NDF}: 422.7/11$

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -25.791 $\pm$ 0.702 χ^2 /NDF: 682.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -22.477 $\pm$ 0.692 χ^2 /NDF: 873.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

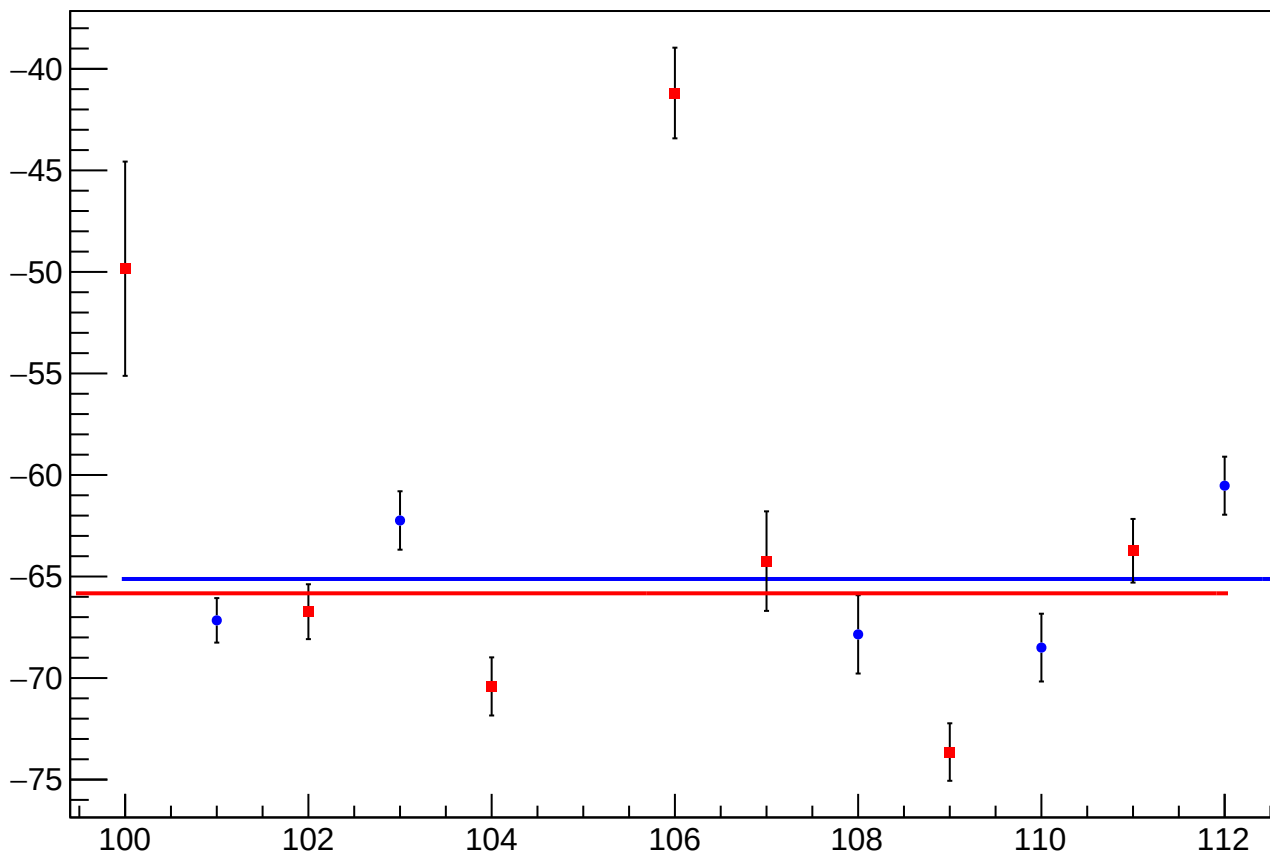
Right: -24.110 $\pm$ 0.493 χ^2 /NDF: 1566.7/11

In: -25.791 $\pm$ 0.702 χ^2 /NDF:682.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -24.110 $\pm$ 0.493 χ^2 /NDF: 1566.7/11

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -65.122 $\pm$ 0.641 χ^2 /NDF: 23.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -65.827 $\pm$ 0.653 χ^2 /NDF: 174.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

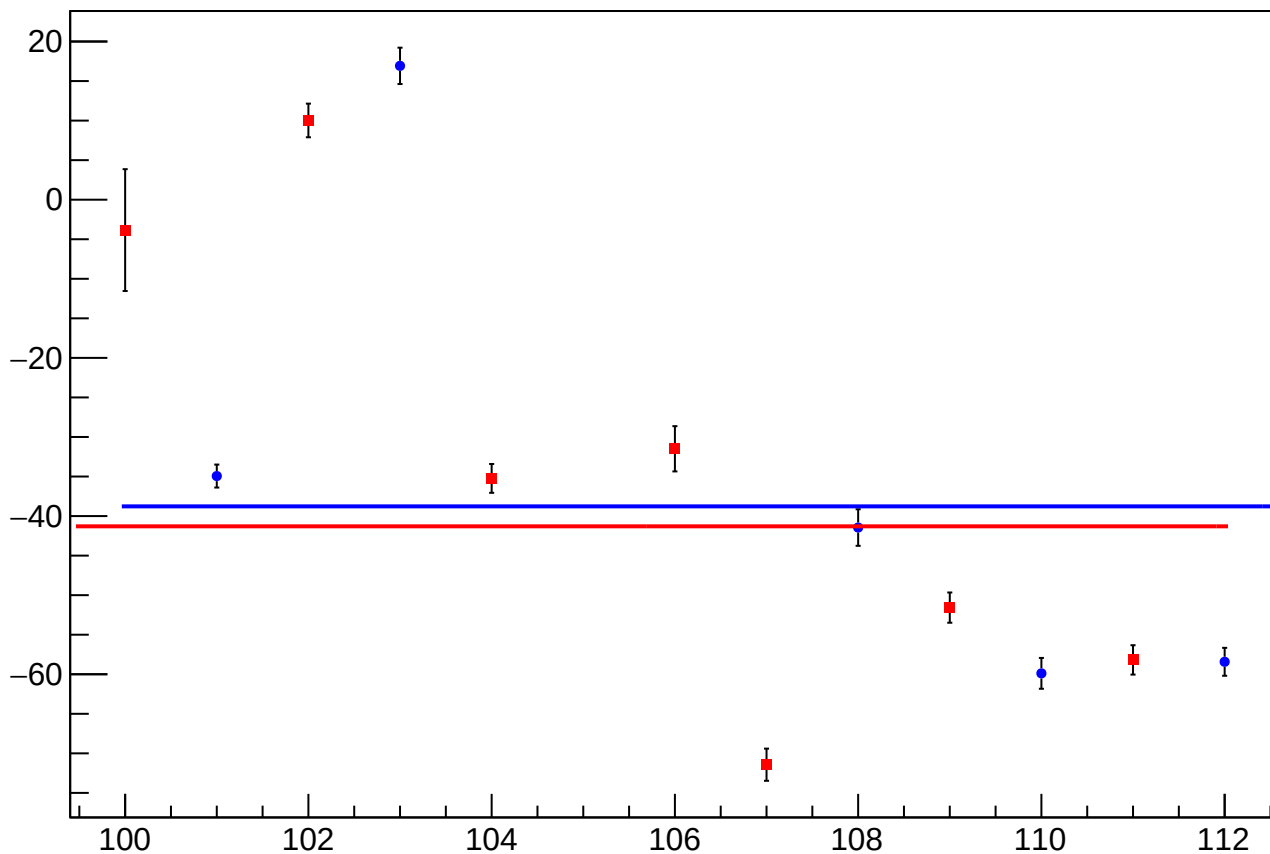
Right: -65.468 $\pm$ 0.457 χ^2 /NDF: 198.9/11

In: -65.122 $\pm$ 0.641 χ^2 /NDF:23.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -65.468 $\pm$ 0.457 χ^2 /NDF: 198.9/11

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -38.773+/-0.835 χ^2/NDF : 836.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -41.296+/-0.826 χ^2/NDF : 959.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

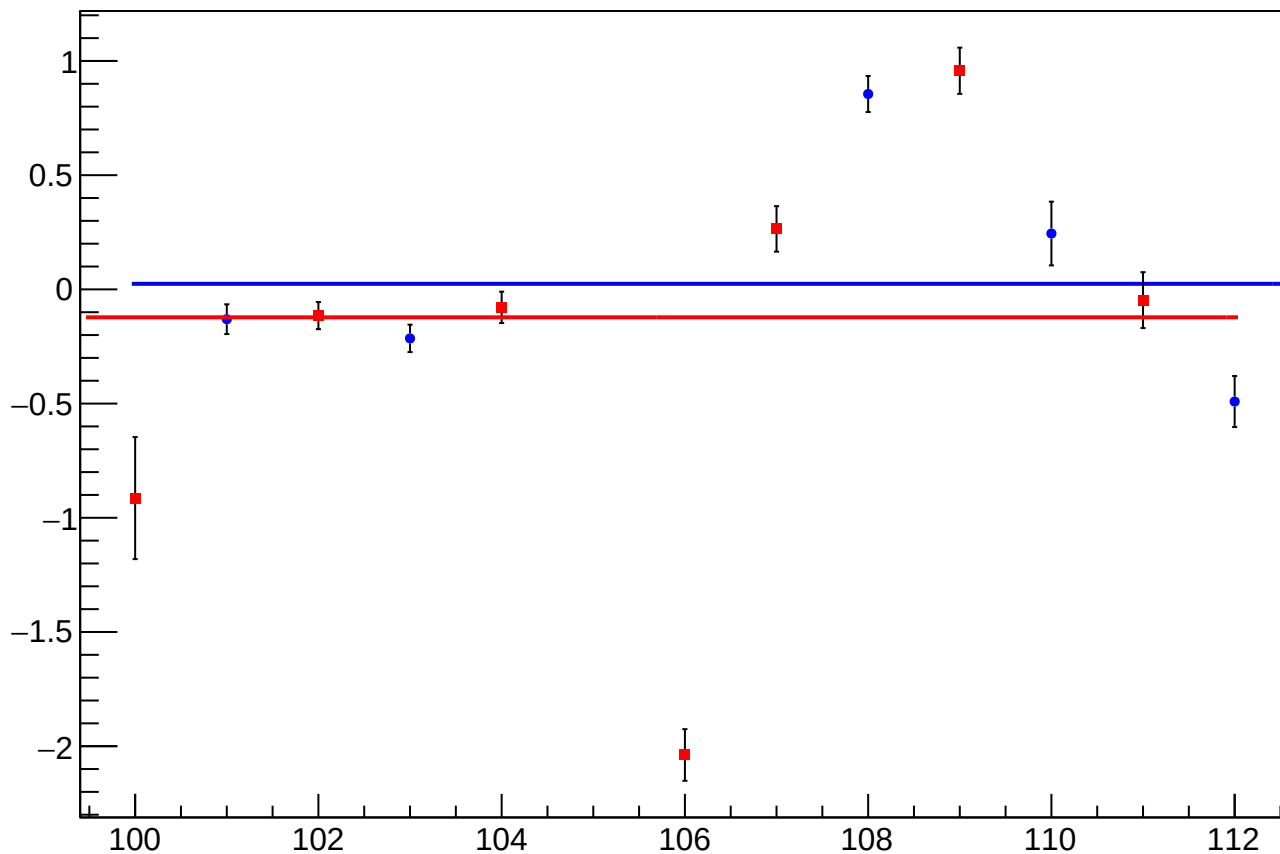
Right: -40.049+/-0.587 χ^2/NDF : 1800.6/11

In: -38.773+/-0.835 χ^2/NDF : 836.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.049+/-0.587 χ^2/NDF : 1800.6/11

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.024 $\pm$ 0.035 χ^2 /NDF: 155.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.122 $\pm$ 0.034 χ^2 /NDF: 425.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

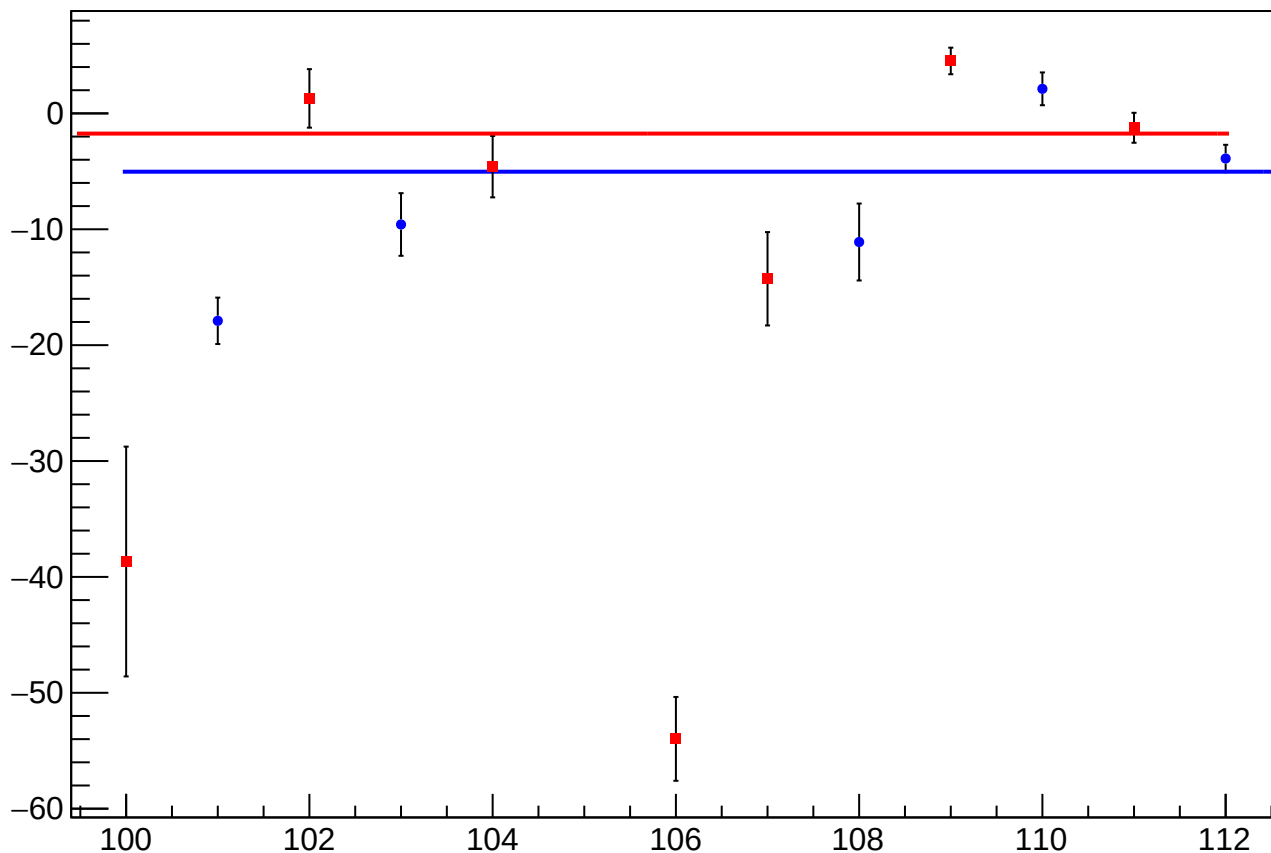
Right: -0.051 $\pm$ 0.025 χ^2 /NDF: 590.5/11

In: 0.024 $\pm$ 0.035 χ^2 /NDF:155.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.051 $\pm$ 0.025 χ^2 /NDF: 590.5/11

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.032+/-0.769 χ^2 /NDF: 73.9/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1.743+/-0.744 χ^2 /NDF: 264.7/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

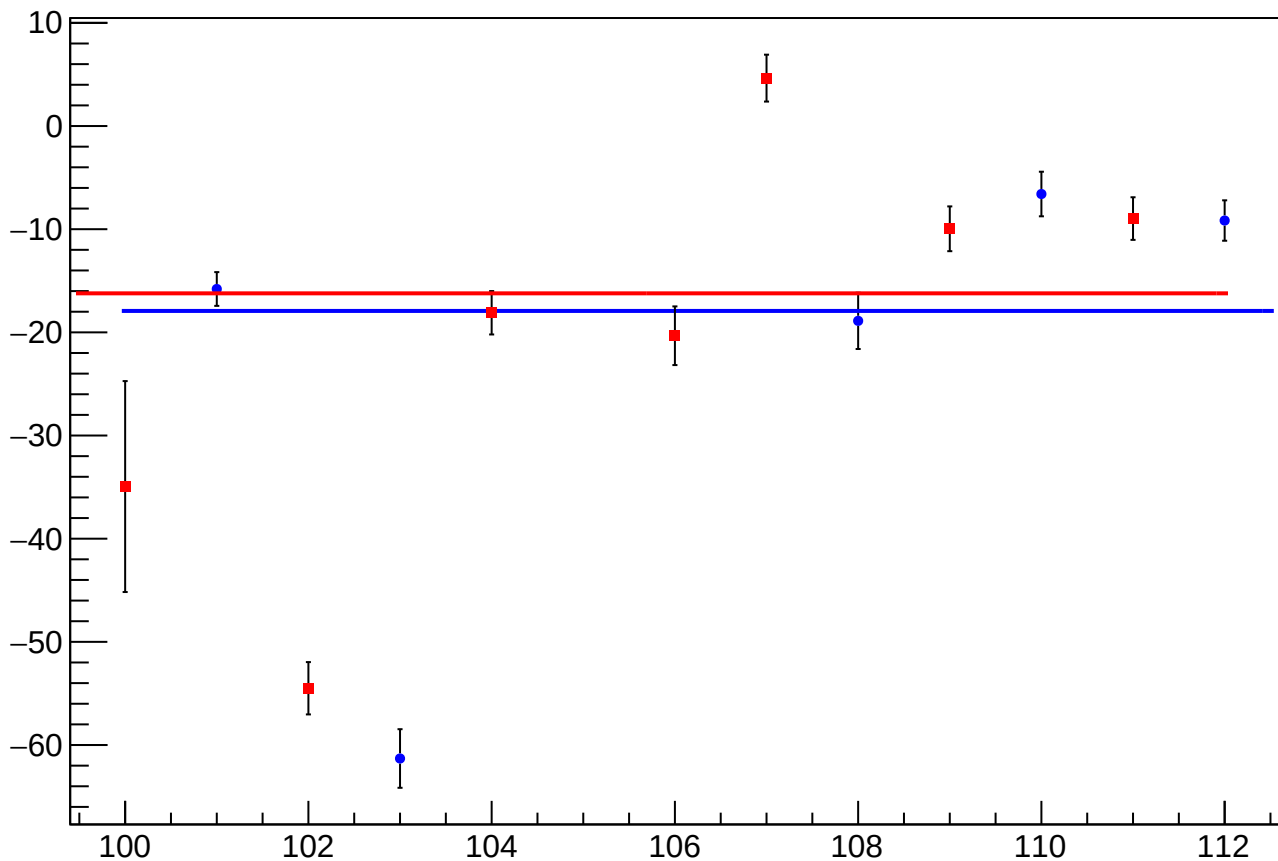
Right: -3.333+/-0.535 χ^2 /NDF: 348.1/11

In: -5.032+/-0.769 χ^2 /NDF:73.9/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -3.333+/-0.535 χ^2 /NDF: 348.1/11

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.923 ± 0.951 χ^2/NDF : 282.6/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -16.217 ± 0.930 χ^2/NDF : 338.9/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

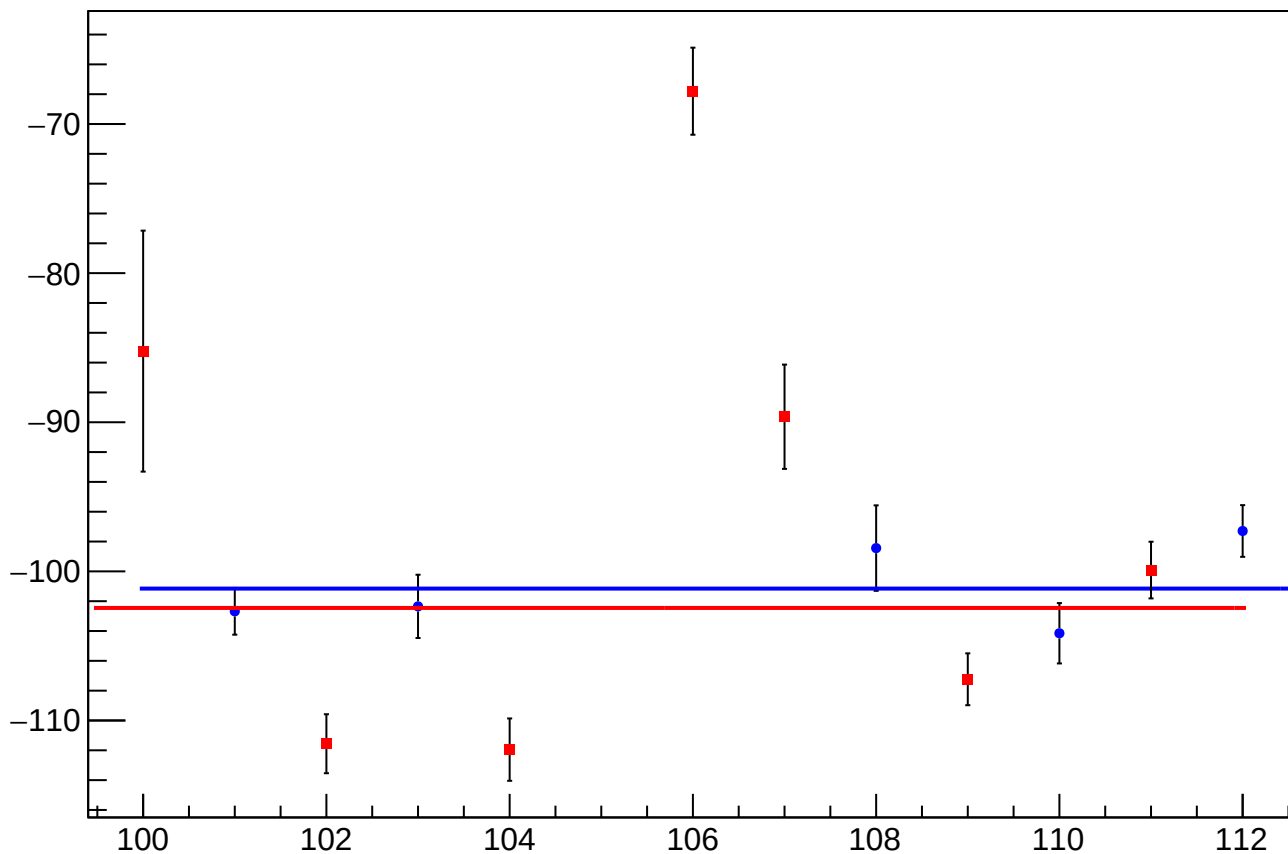
Right: -17.052 ± 0.665 χ^2/NDF : 623.2/11

In: -17.923 ± 0.951 χ^2/NDF : 282.6/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -17.052 ± 0.665 χ^2/NDF : 623.2/11

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -101.155+/-0.868 χ^2/NDF : 9.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -102.453+/-0.875 χ^2/NDF : 210.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

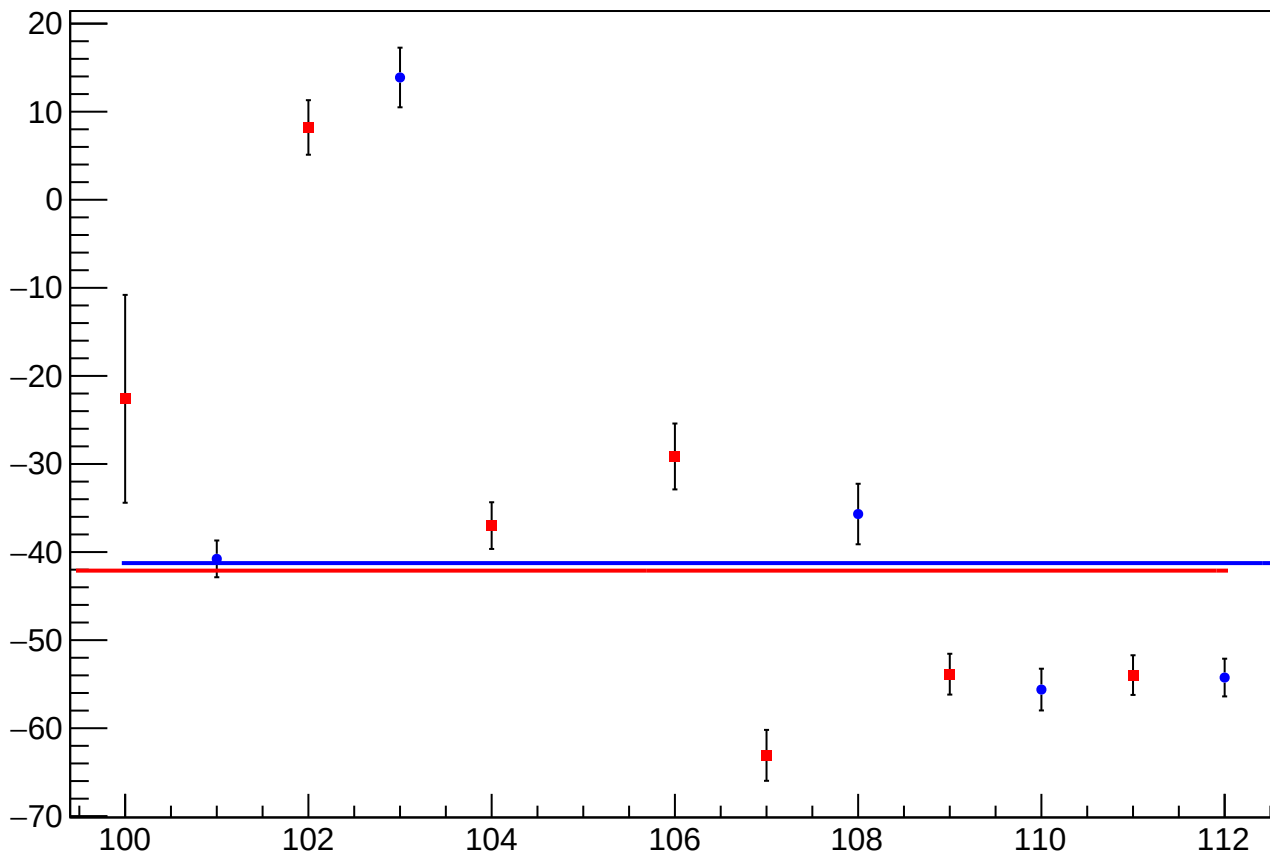
Right: -101.798+/-0.616 χ^2/NDF : 220.5/11

In: -101.155+/-0.868 χ^2/NDF : 9.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -101.798+/-0.616 χ^2/NDF : 220.5/11

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -41.253+/-1.119 χ^2/NDF : 341.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -42.107+/-1.099 χ^2/NDF : 388.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

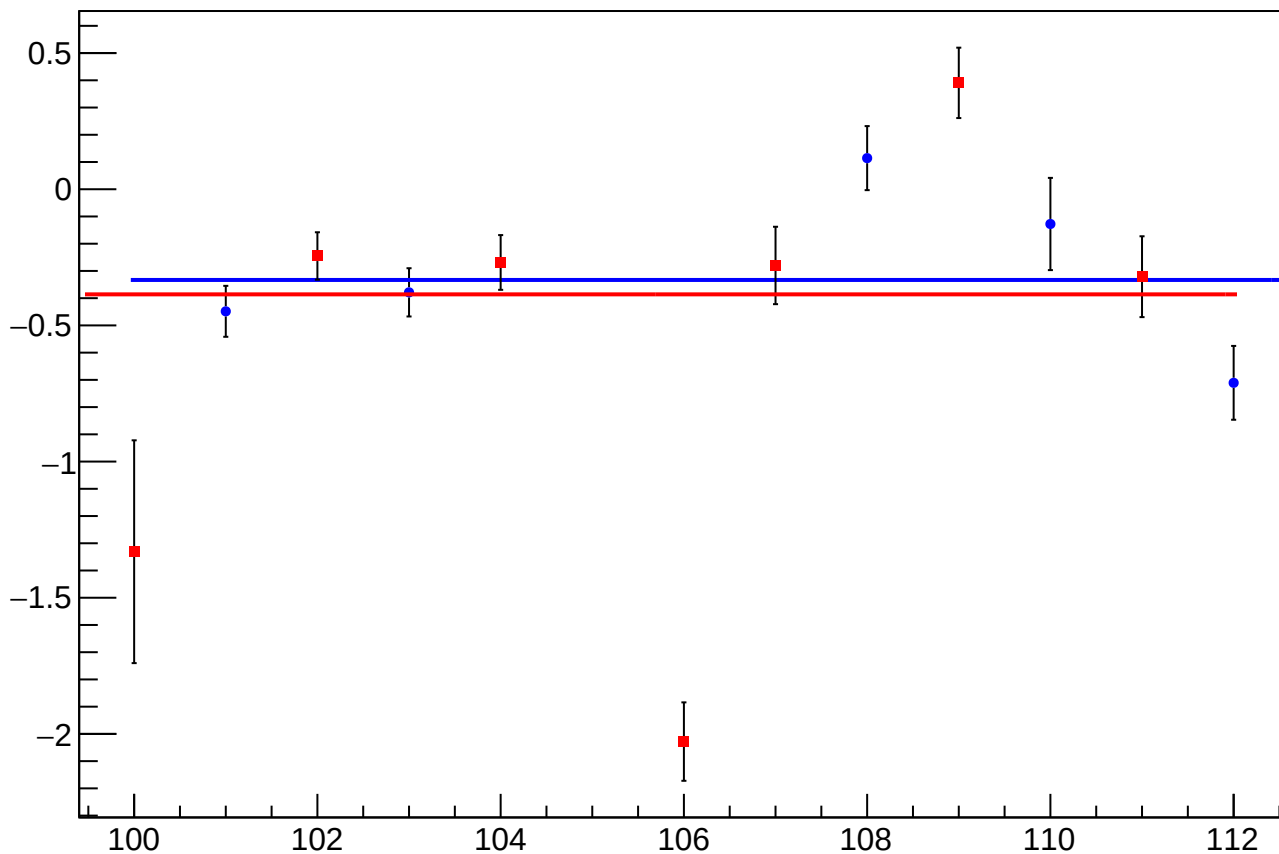
Right: -41.688+/-0.784 χ^2/NDF : 730.4/11

In: -41.253+/-1.119 χ^2/NDF : 341.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.688+/-0.784 χ^2/NDF : 730.4/11

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.333+/-0.050 χ^2/NDF : 25.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.386+/-0.048 χ^2/NDF : 176.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

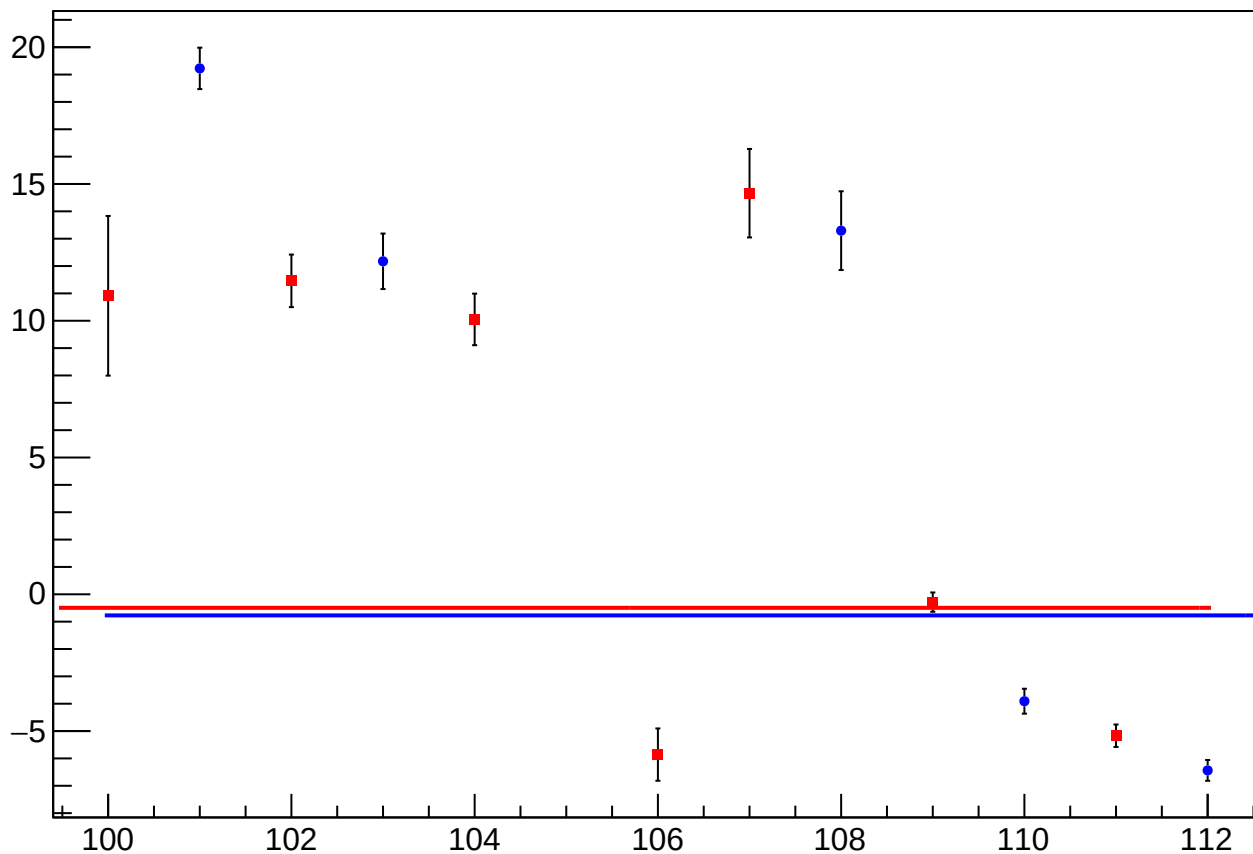
Right: -0.361+/-0.034 χ^2/NDF : 202.3/11

In: -0.333+/-0.050 χ^2/NDF : 25.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.361+/-0.034 χ^2/NDF : 202.3/11

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.772 ± 0.259 χ^2/NDF : 1224.4/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.494 ± 0.237 χ^2/NDF : 544.8/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

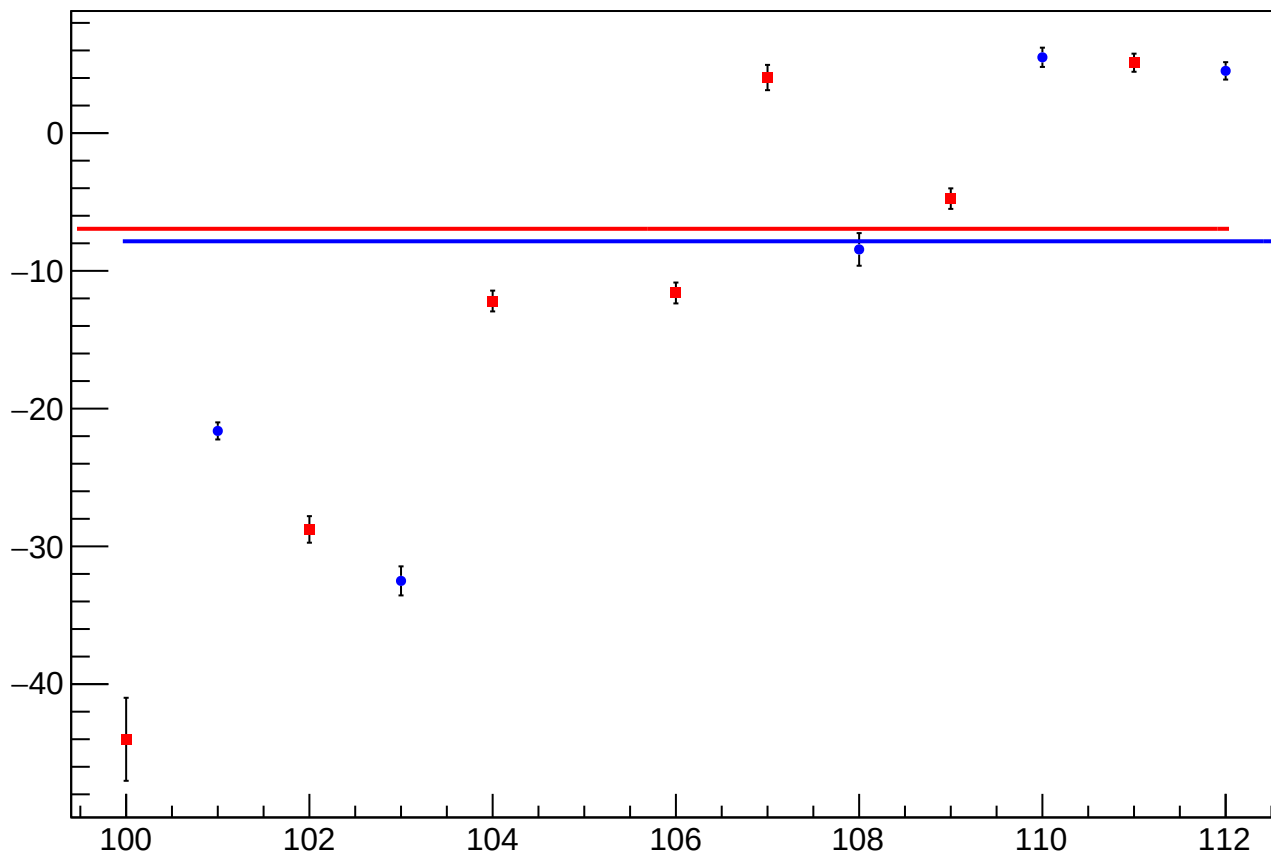
Right: -0.621 ± 0.175 χ^2/NDF : 1769.8/11

In: -0.772 ± 0.259 χ^2/NDF : 1224.4/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.621 ± 0.175 χ^2/NDF : 1769.8/11

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.853+/-0.338 χ^2/NDF : 1787.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.946+/-0.316 χ^2/NDF : 1237.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

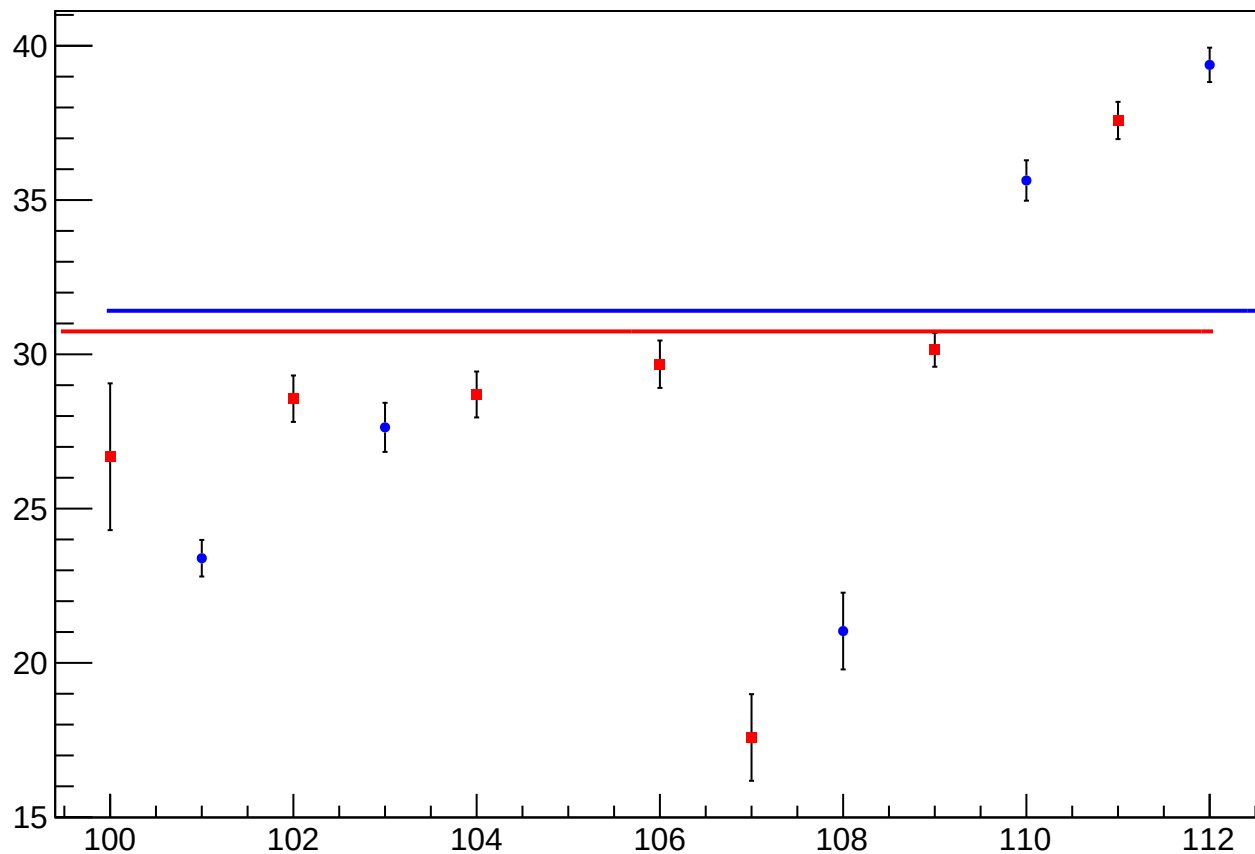
Right: -7.370+/-0.231 χ^2/NDF : 3028.7/11

In: -7.853+/-0.338 χ^2/NDF : 1787.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.370+/-0.231 χ^2/NDF : 3028.7/11

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 31.412 $\pm$ 0.307 χ^2 /NDF: 521.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 30.743 $\pm$ 0.288 χ^2 /NDF: 238.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

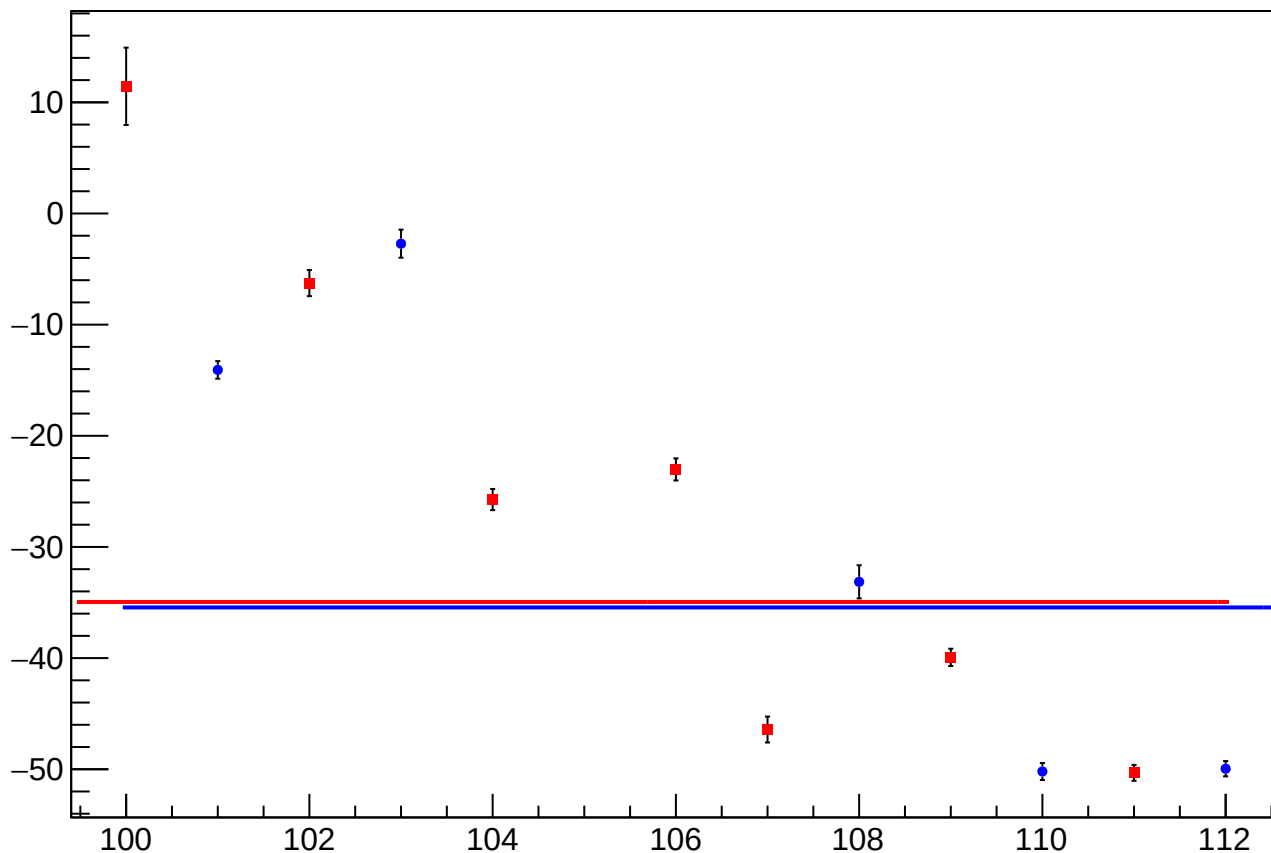
Right: 31.056 $\pm$ 0.210 χ^2 /NDF: 761.9/11

In: 31.412 $\pm$ 0.307 χ^2 /NDF: 521.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 31.056 $\pm$ 0.210 χ^2 /NDF: 761.9/11

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -35.443+/-0.393 χ^2/NDF : 2217.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -34.950+/-0.371 χ^2/NDF : 1608.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

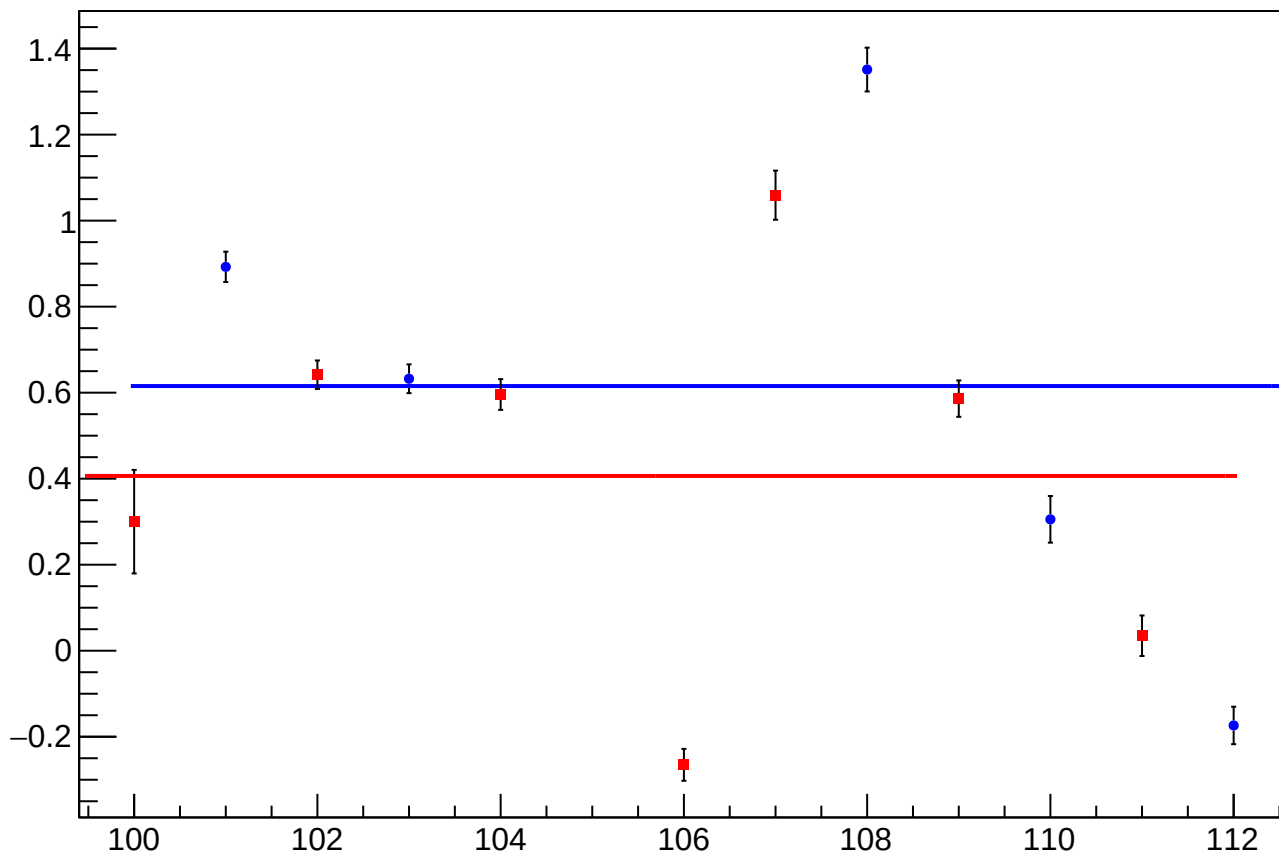
Right: -35.182+/-0.270 χ^2/NDF : 3826.7/11

In: -35.443+/-0.393 χ^2/NDF : 2217.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.182+/-0.270 χ^2/NDF : 3826.7/11

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.615 $\pm$ 0.018 χ^2 /NDF: 631.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.406 $\pm$ 0.016 χ^2 /NDF: 617.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

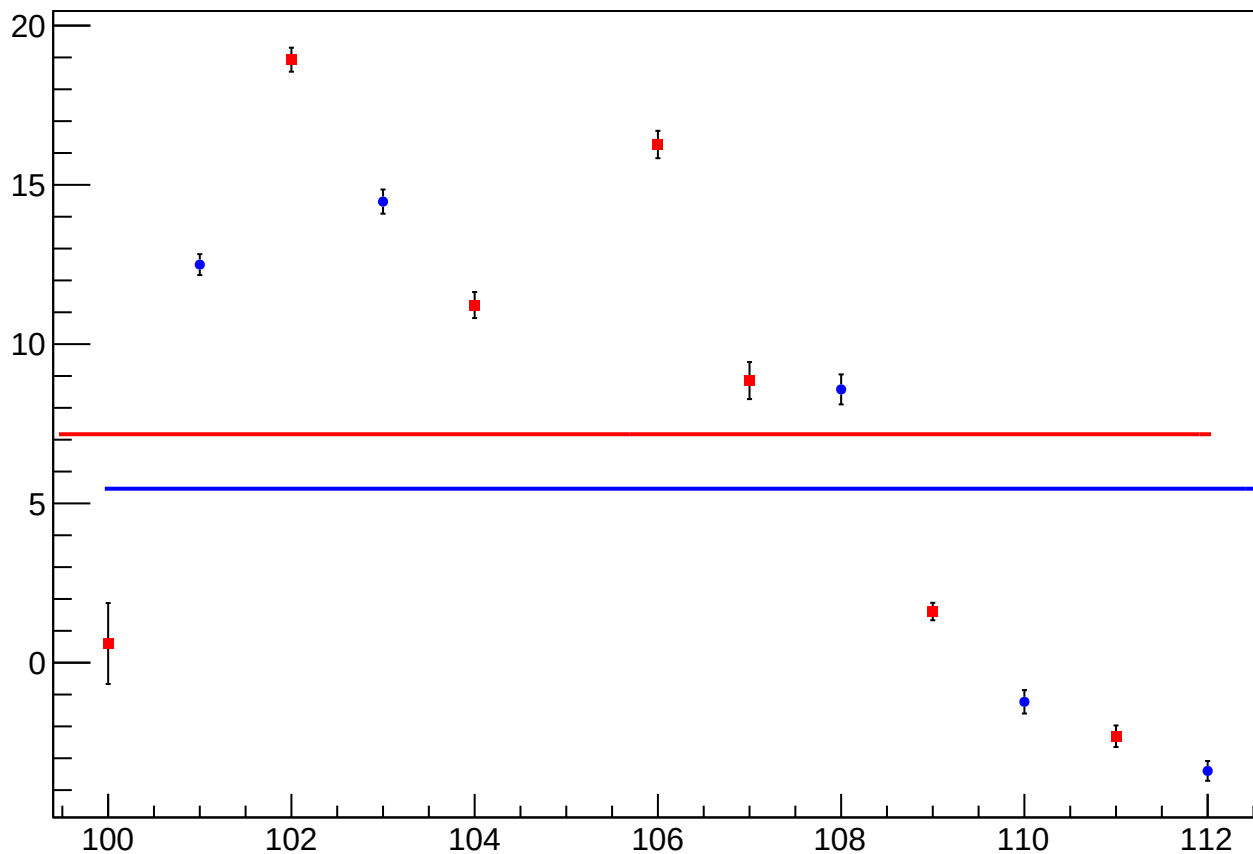
Right: 0.498 $\pm$ 0.012 χ^2 /NDF: 1321.2/11

In: 0.615 $\pm$ 0.018 χ^2 /NDF:631.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.498 $\pm$ 0.012 χ^2 /NDF: 1321.2/11

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 5.461+/-0.161 χ^2/NDF : 2212.0/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 7.171+/-0.151 χ^2/NDF : 2753.7/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

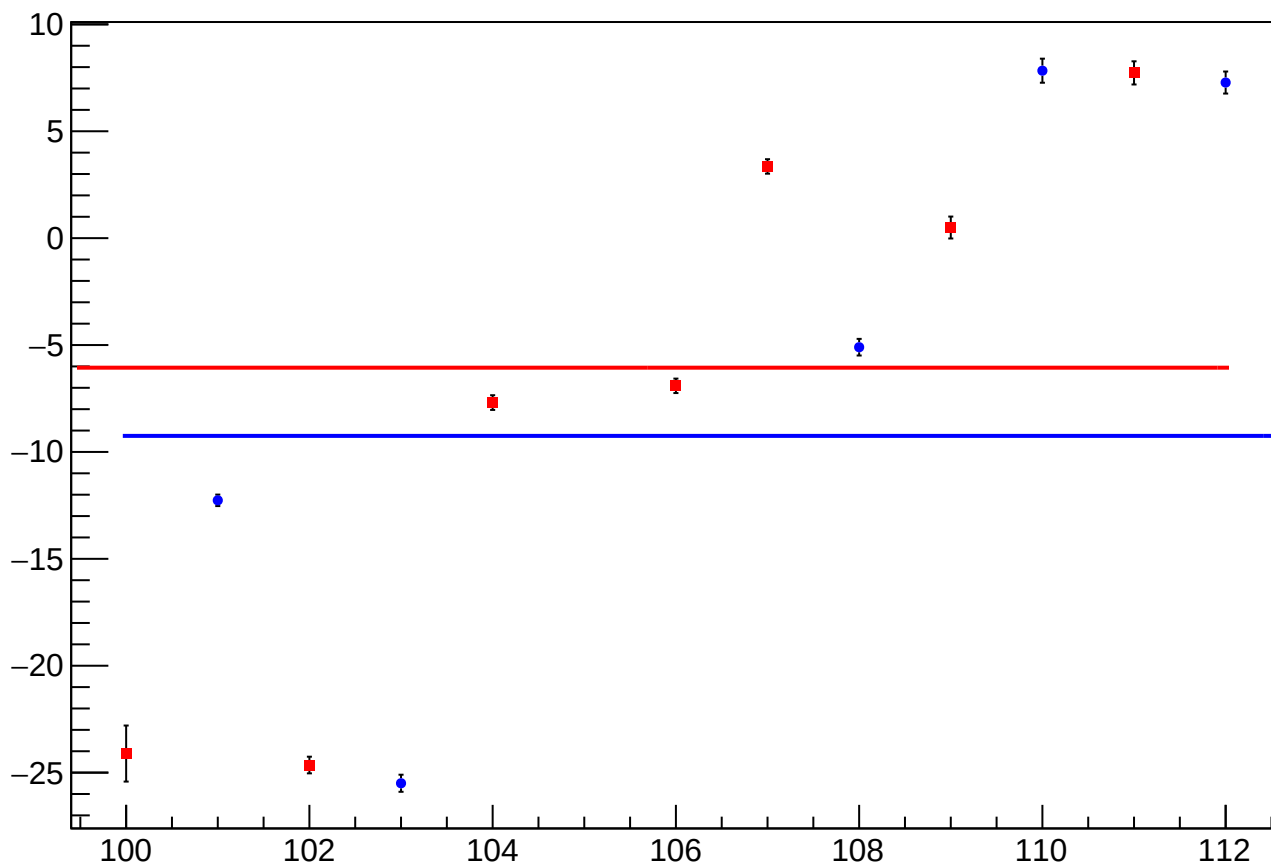
Right: 6.374+/-0.110 χ^2/NDF : 5025.8/11

In: 5.461+/-0.161 χ^2/NDF :2212.0/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6.374+/-0.110 χ^2/NDF : 5025.8/11

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -9.249 ± 0.172 χ^2/NDF : 3843.9/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -6.059 ± 0.157 χ^2/NDF : 4079.3/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

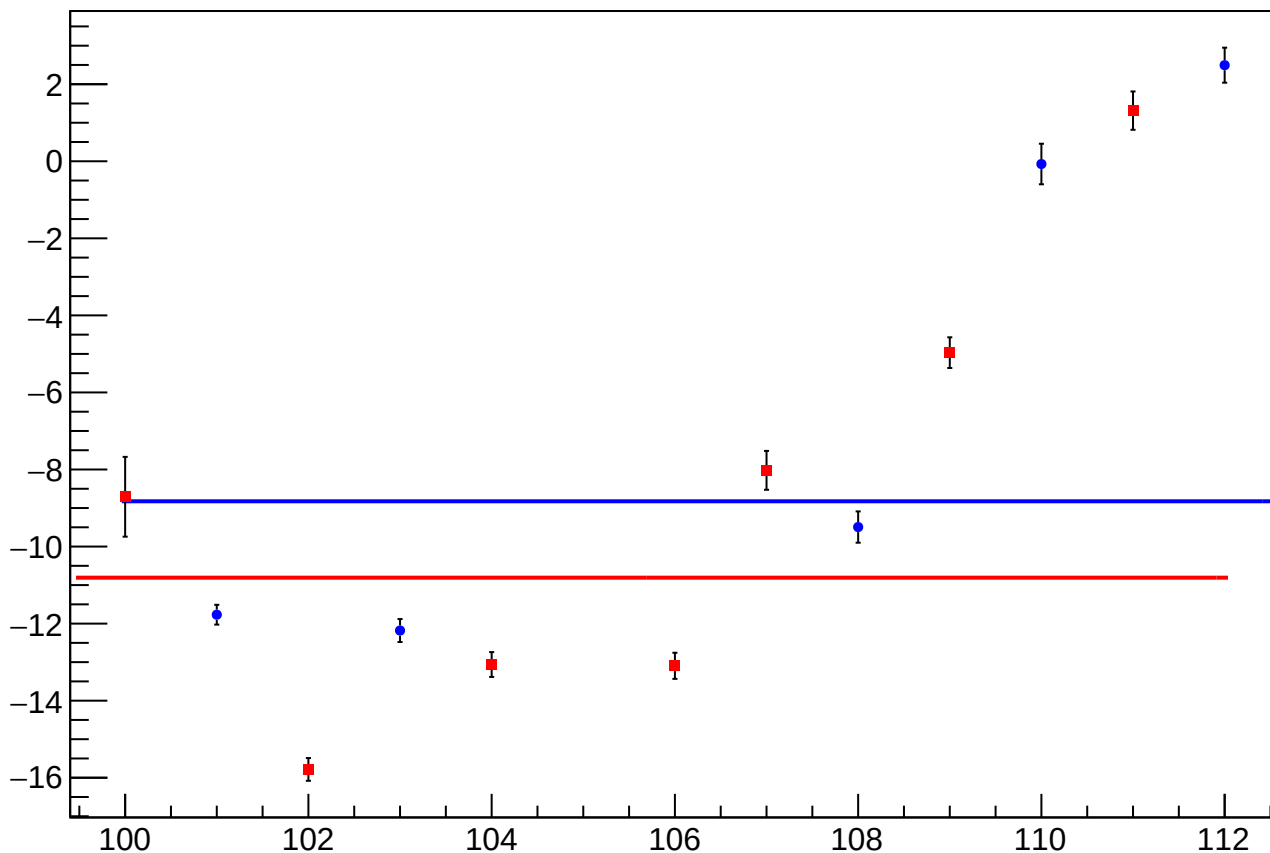
Right: -7.510 ± 0.116 χ^2/NDF : 8110.0/11

In: -9.249 ± 0.172 χ^2/NDF : 3843.9/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.510 ± 0.116 χ^2/NDF : 8110.0/11

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -8.825 ± 0.156 χ^2/NDF : 1157.3/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -10.808 ± 0.149 χ^2/NDF : 1222.0/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

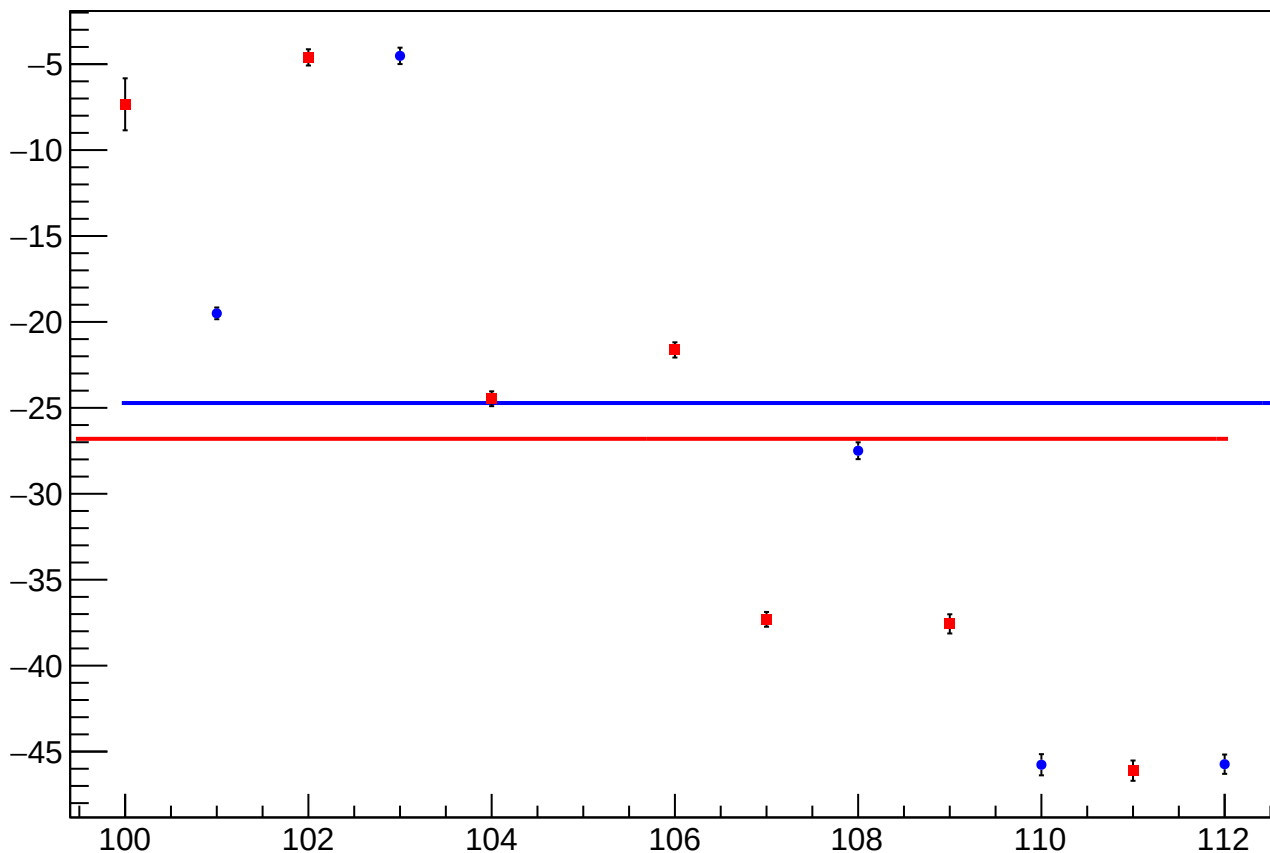
Right: -9.864 ± 0.108 χ^2/NDF : 2463.5/11

In: -8.825 ± 0.156 χ^2/NDF : 1157.3/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.864 ± 0.108 χ^2/NDF : 2463.5/11

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -24.719+/-0.209 χ^2/NDF : 4621.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -26.802+/-0.193 χ^2/NDF : 4584.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

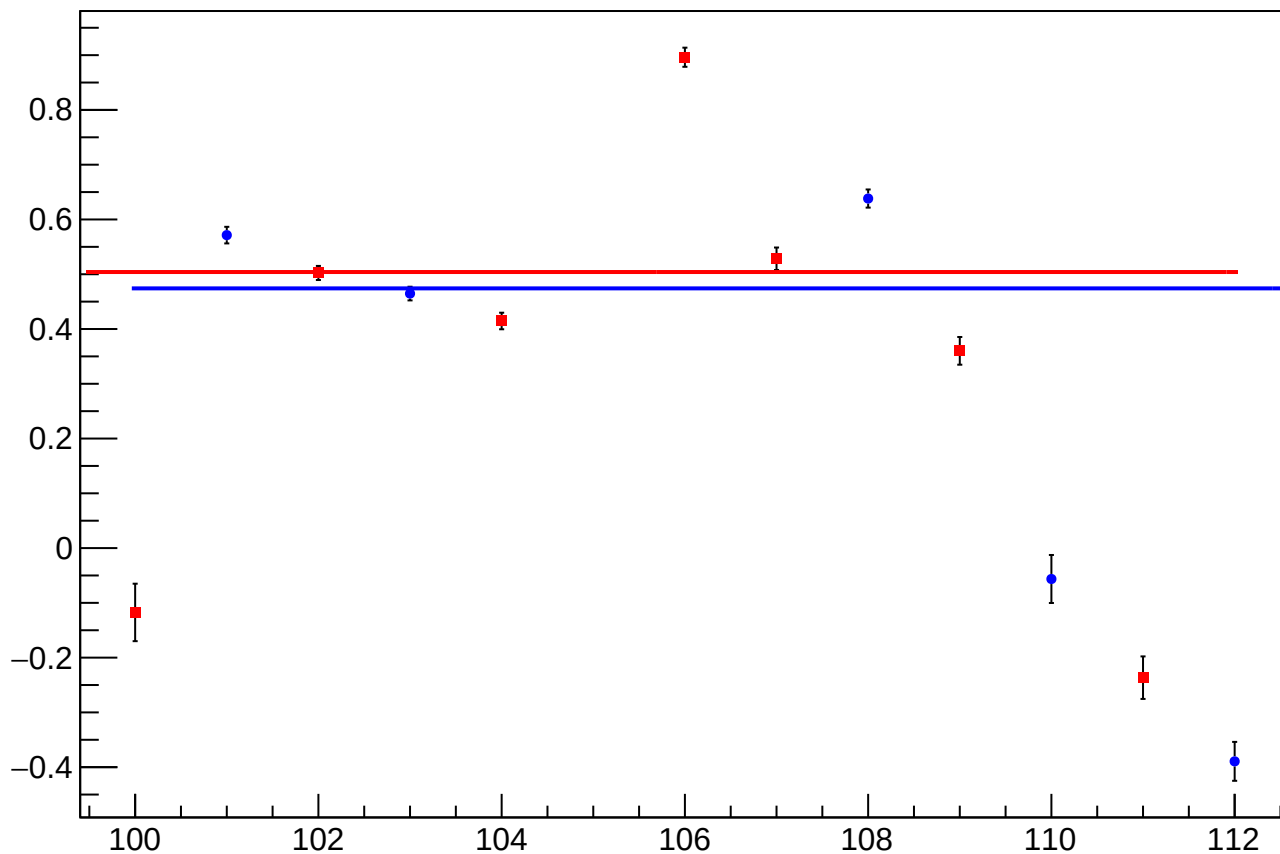
Right: -25.843+/-0.142 χ^2/NDF : 9259.6/11

In: -24.719+/-0.209 χ^2/NDF : 4621.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.843+/-0.142 χ^2/NDF : 9259.6/11

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.474+/-0.008 χ^2/NDF : 877.5/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.504+/-0.007 χ^2/NDF : 1077.5/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

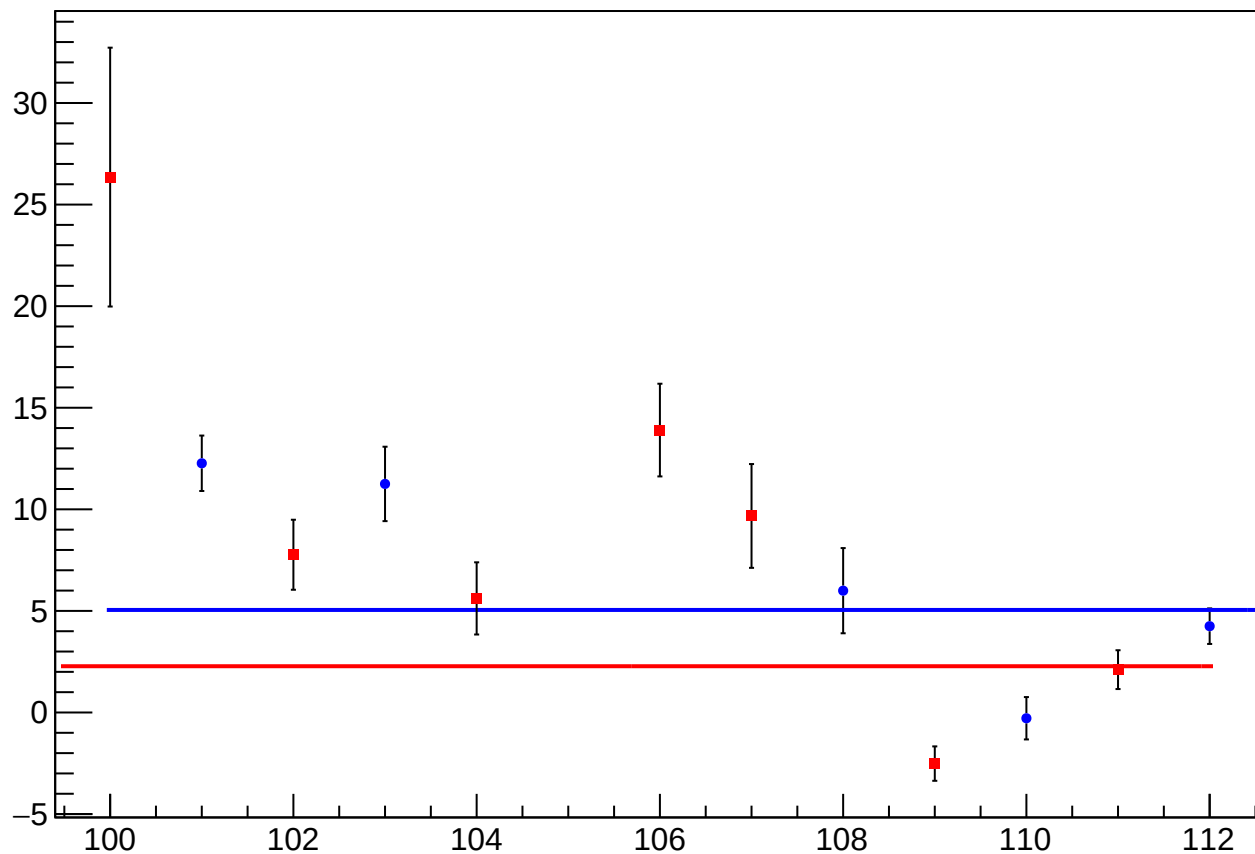
Right: 0.490+/-0.005 χ^2/NDF : 1962.6/11

In: 0.474+/-0.008 χ^2/NDF :877.5/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.490+/-0.005 χ^2/NDF : 1962.6/11

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 5.047 $\pm$ 0.551 χ^2 /NDF: 66.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.277 $\pm$ 0.533 χ^2 /NDF: 94.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

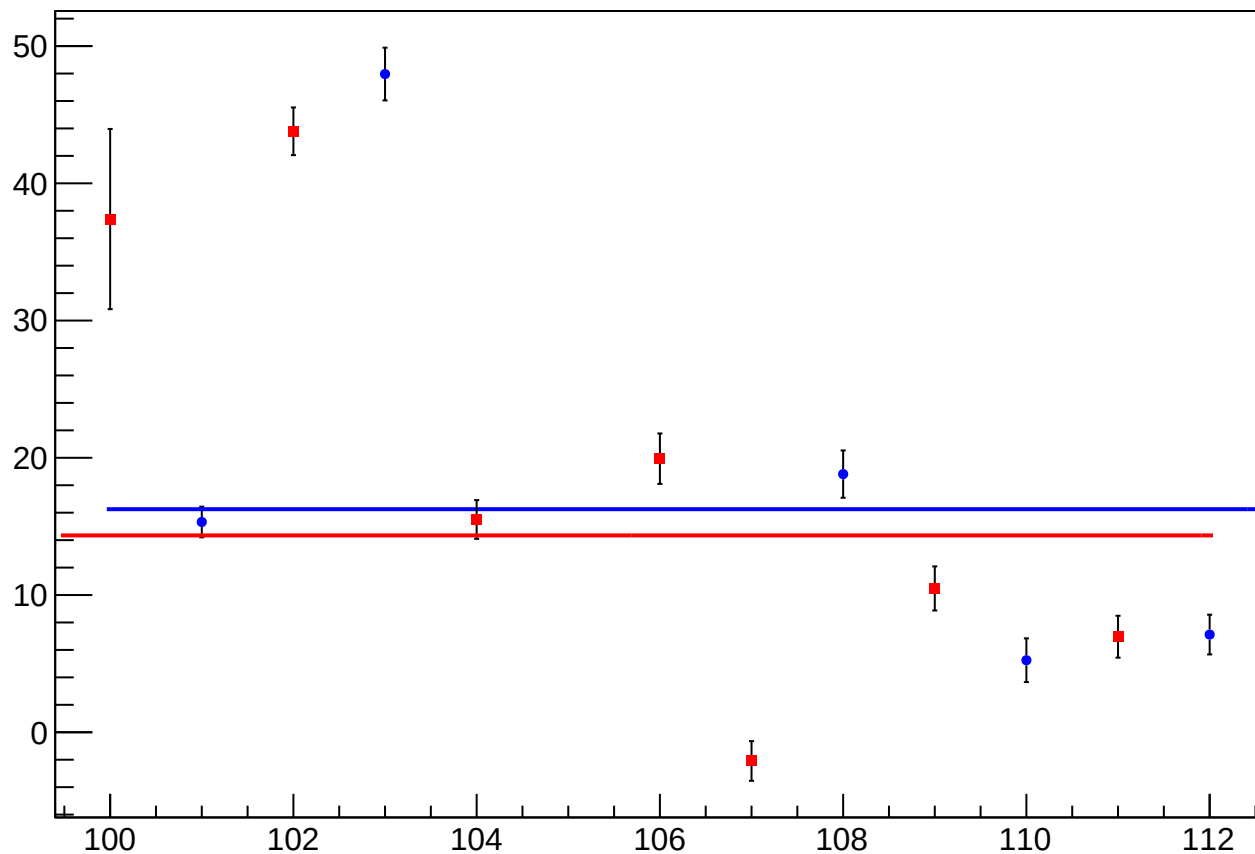
Right: 3.616 $\pm$ 0.383 χ^2 /NDF: 174.1/11

In: 5.047 $\pm$ 0.551 χ^2 /NDF:66.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.616 $\pm$ 0.383 χ^2 /NDF: 174.1/11

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.255+/-0.662 χ^2/NDF : 362.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.344+/-0.639 χ^2/NDF : 467.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

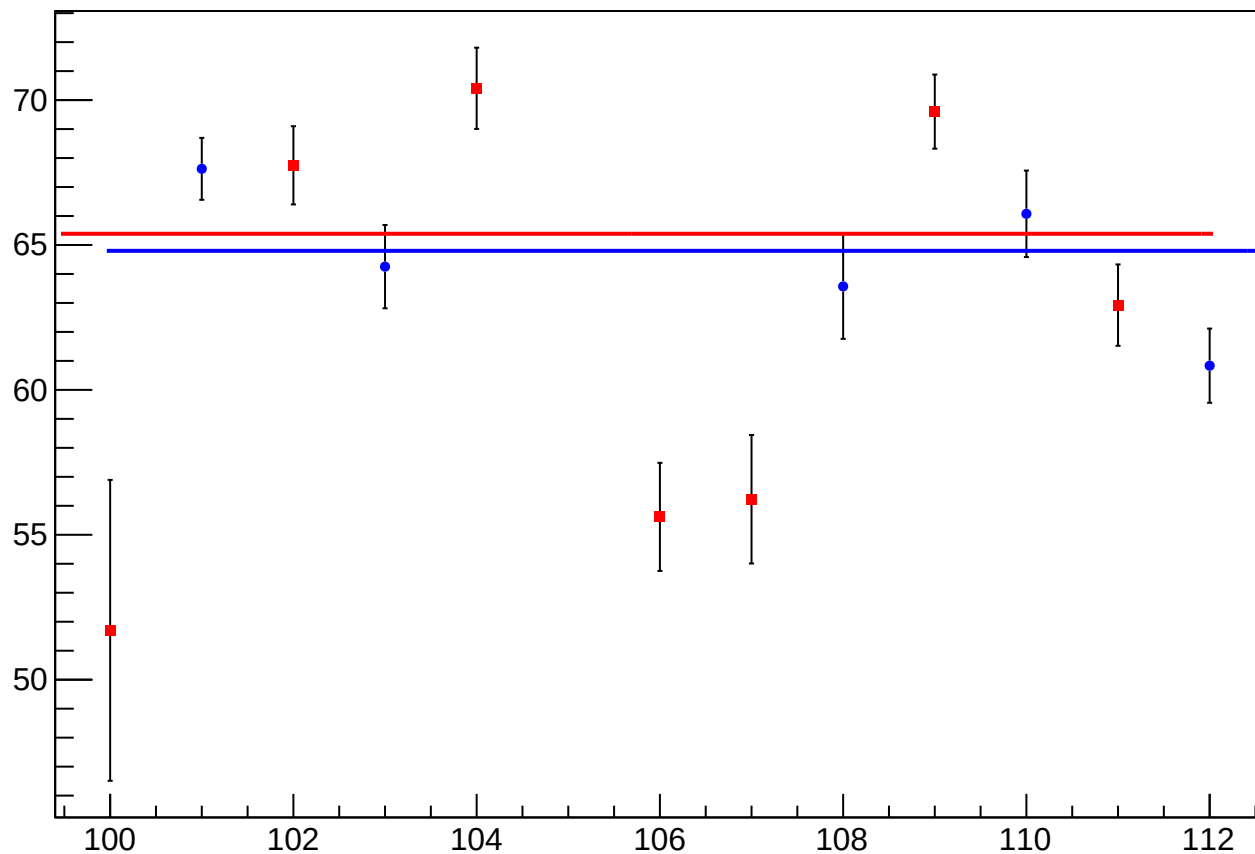
Right: 15.266+/-0.460 χ^2/NDF : 834.5/11

In: 16.255+/-0.662 χ^2/NDF : 362.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.266+/-0.460 χ^2/NDF : 834.5/11

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 64.798 $\pm$ 0.606 χ^2 /NDF: 17.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 65.388 $\pm$ 0.608 χ^2 /NDF: 81.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

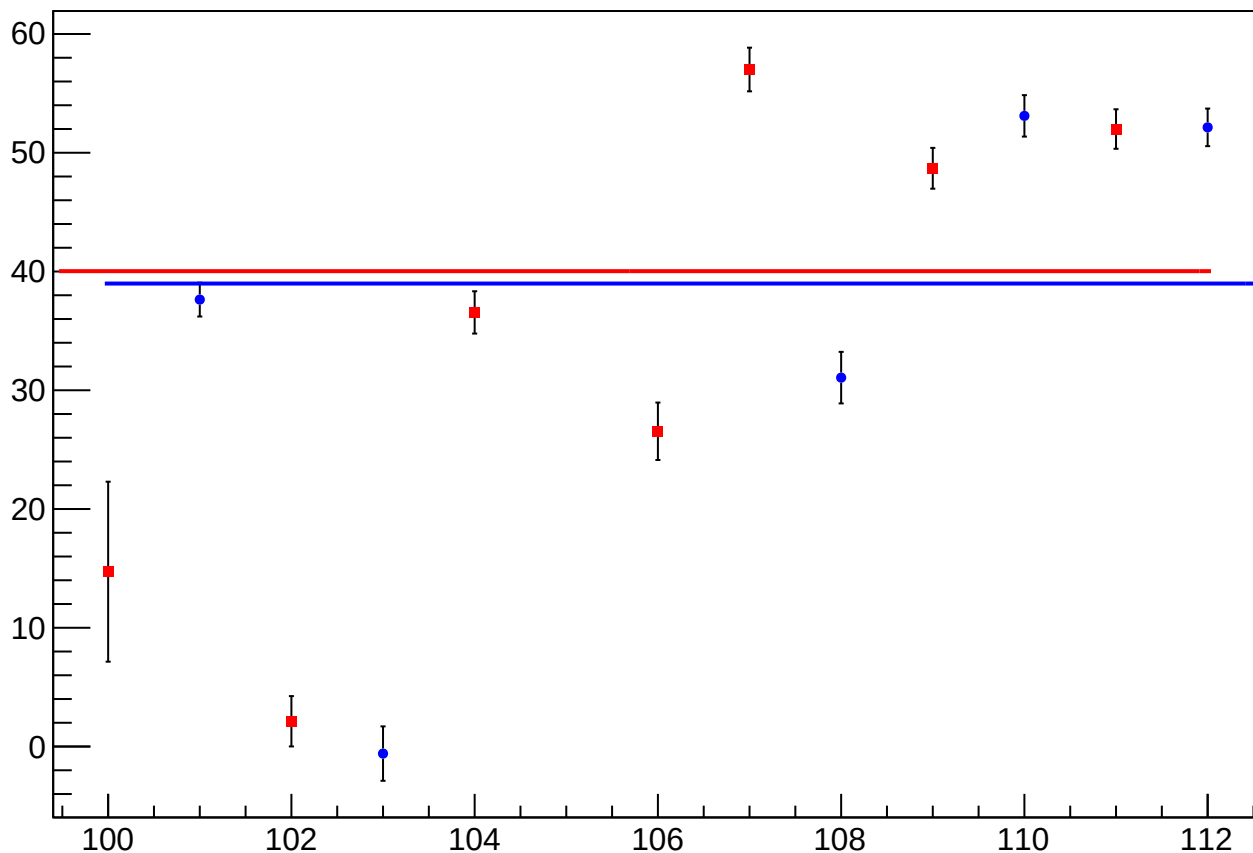
Right: 65.092 $\pm$ 0.429 χ^2 /NDF: 99.7/11

In: 64.798 $\pm$ 0.606 χ^2 /NDF: 17.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 65.092 $\pm$ 0.429 χ^2 /NDF: 99.7/11

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 38.986 $\pm$ 0.785 χ^2 /NDF: 447.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 40.030 $\pm$ 0.762 χ^2 /NDF: 528.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

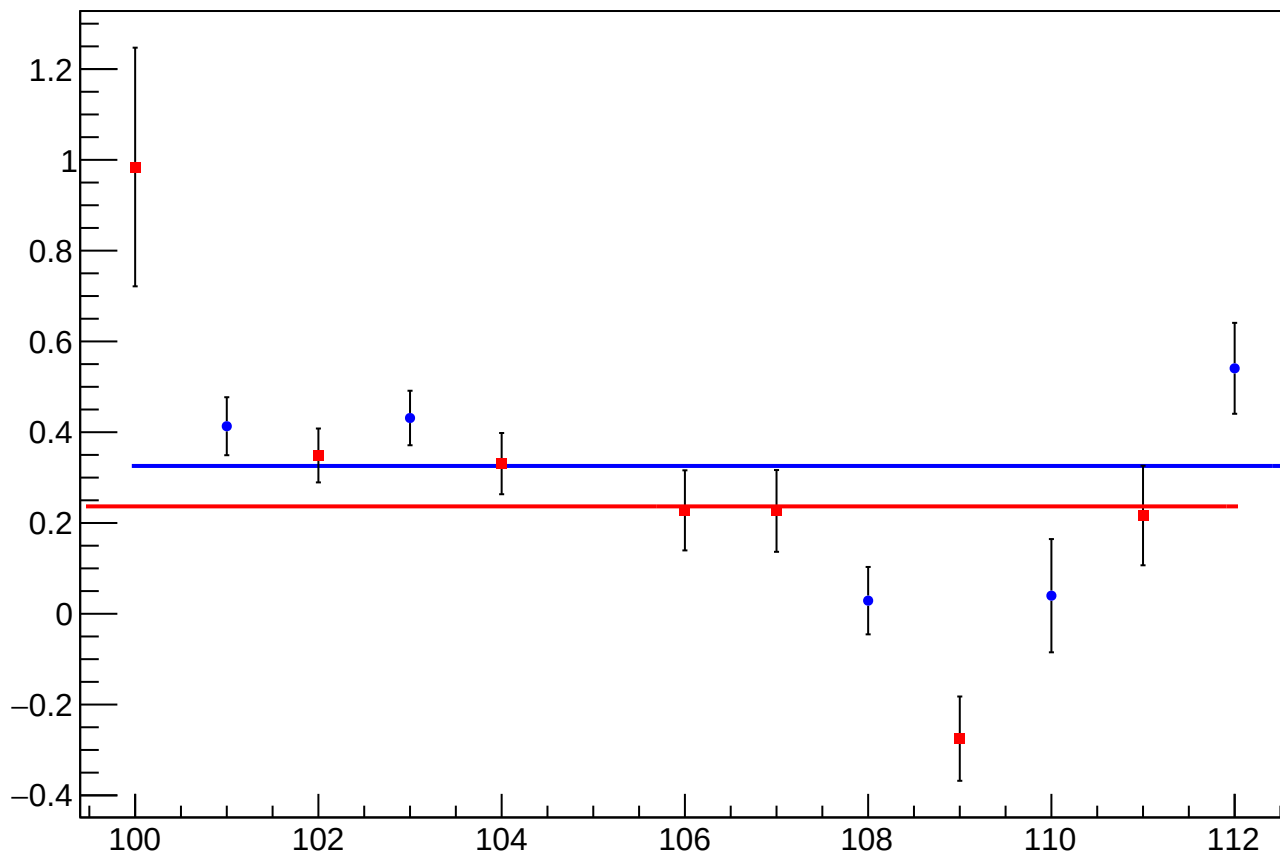
Right: 39.523 $\pm$ 0.547 χ^2 /NDF: 976.2/11

In: 38.986 $\pm$ 0.785 χ^2 /NDF:447.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 39.523 $\pm$ 0.547 χ^2 /NDF: 976.2/11

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.326 $\pm$ 0.034 χ^2 /NDF: 30.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.237 $\pm$ 0.032 χ^2 /NDF: 44.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

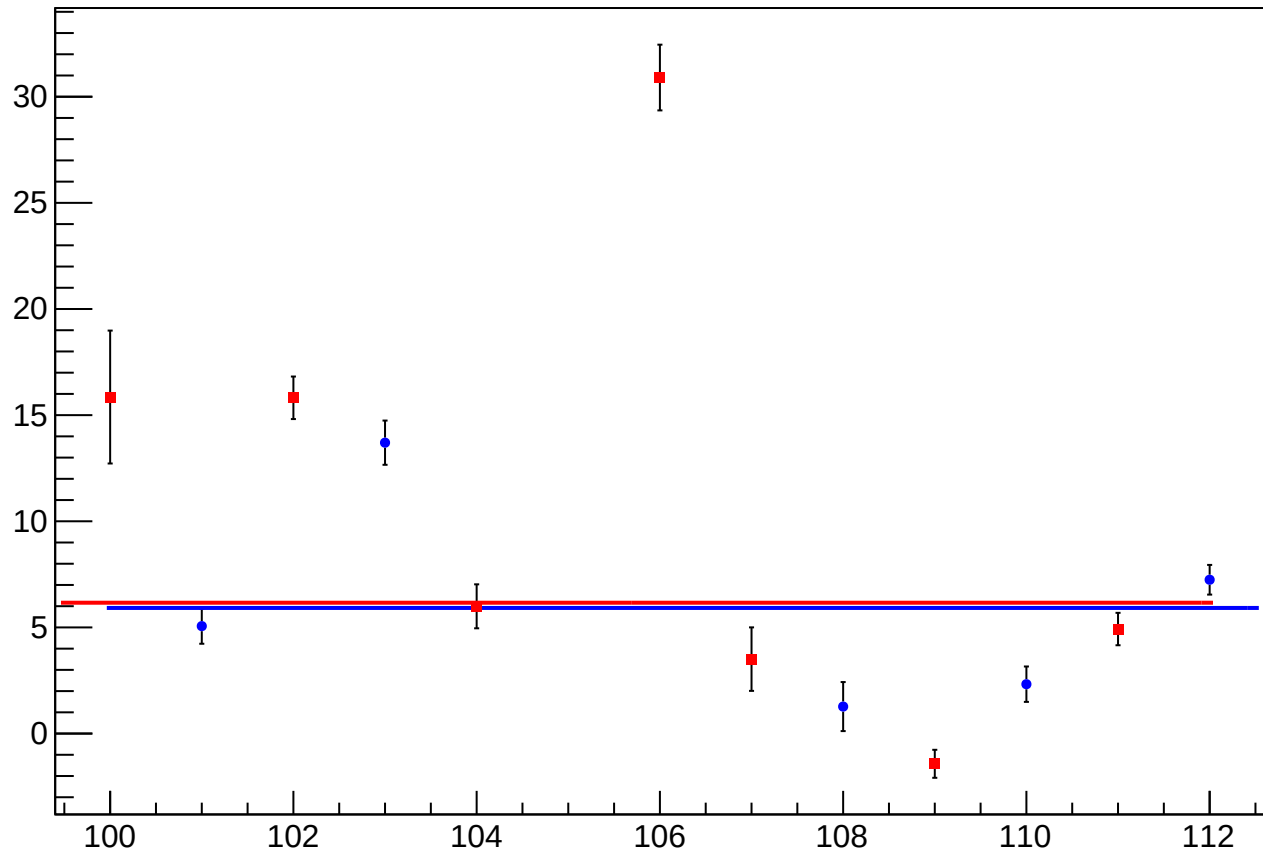
Right: 0.279 $\pm$ 0.023 χ^2 /NDF: 78.5/11

In: 0.326 $\pm$ 0.034 χ^2 /NDF:30.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.279 $\pm$ 0.023 χ^2 /NDF: 78.5/11

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 5.917+/-0.389 χ^2/NDF : 95.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.164+/-0.380 χ^2/NDF : 496.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

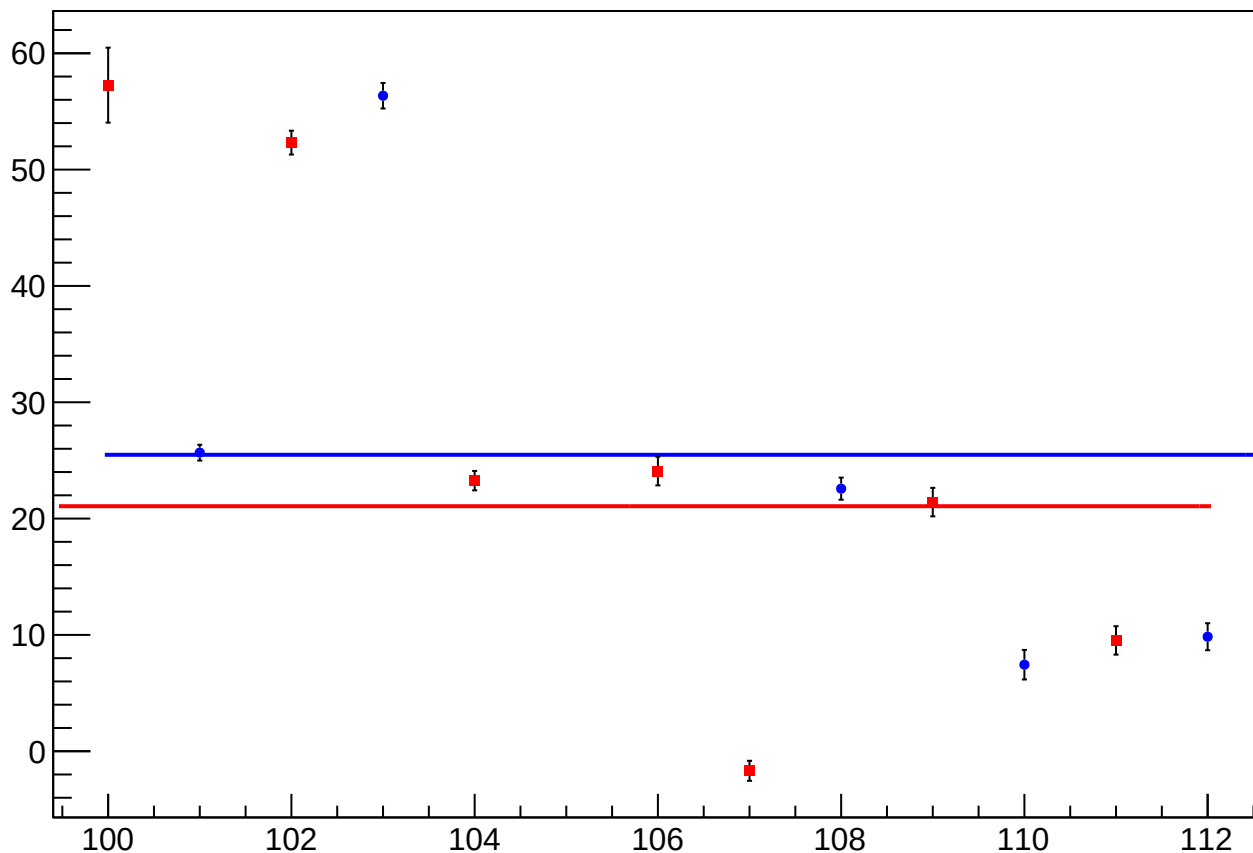
Right: 6.043+/-0.272 χ^2/NDF : 591.6/11

In: 5.917+/-0.389 χ^2/NDF : 95.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.043+/-0.272 χ^2/NDF : 591.6/11

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 25.484+/-0.428 χ^2/NDF : 1183.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.064+/-0.414 χ^2/NDF : 1854.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

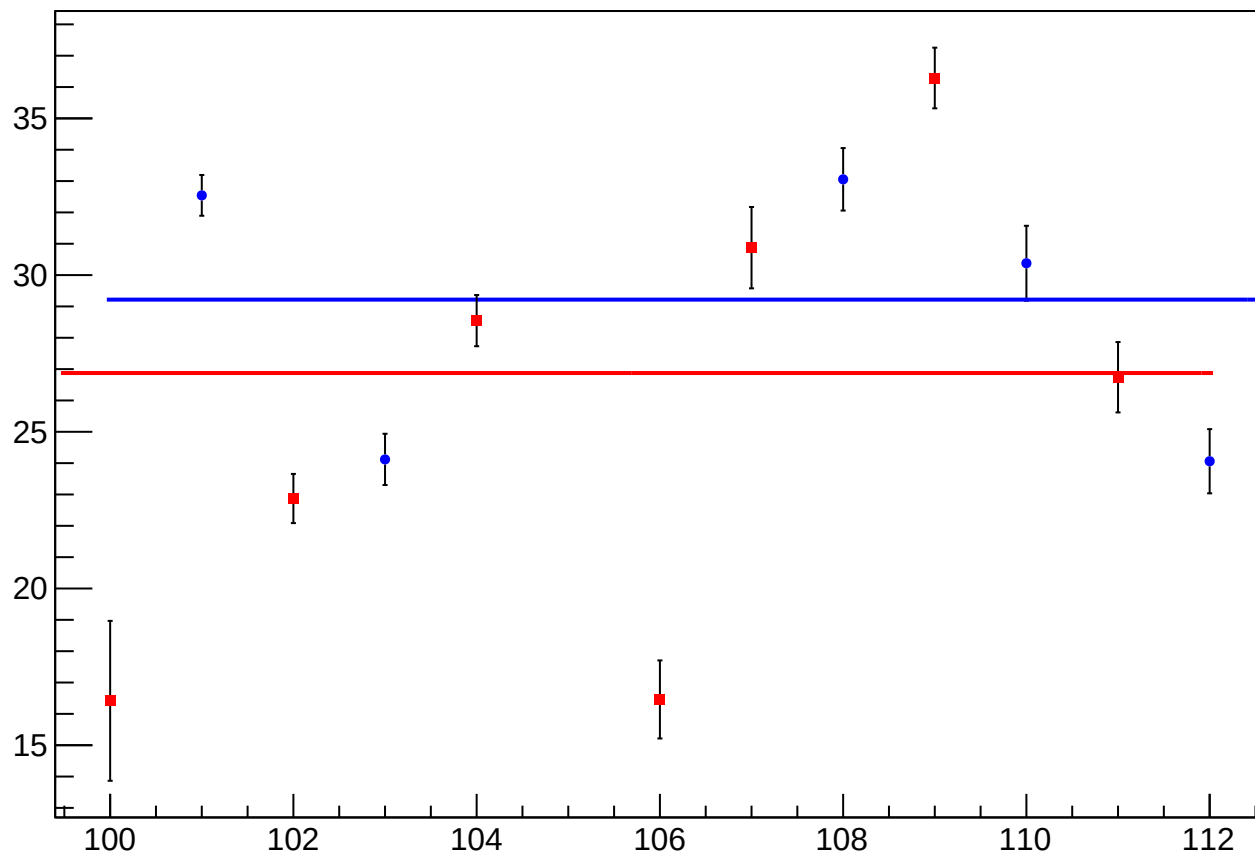
Right: 23.202+/-0.298 χ^2/NDF : 3092.6/11

In: 25.484+/-0.428 χ^2/NDF : 1183.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.202+/-0.298 χ^2/NDF : 3092.6/11

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.217+/-0.392 χ^2 /NDF: 106.1/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 26.875+/-0.396 χ^2 /NDF: 221.1/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

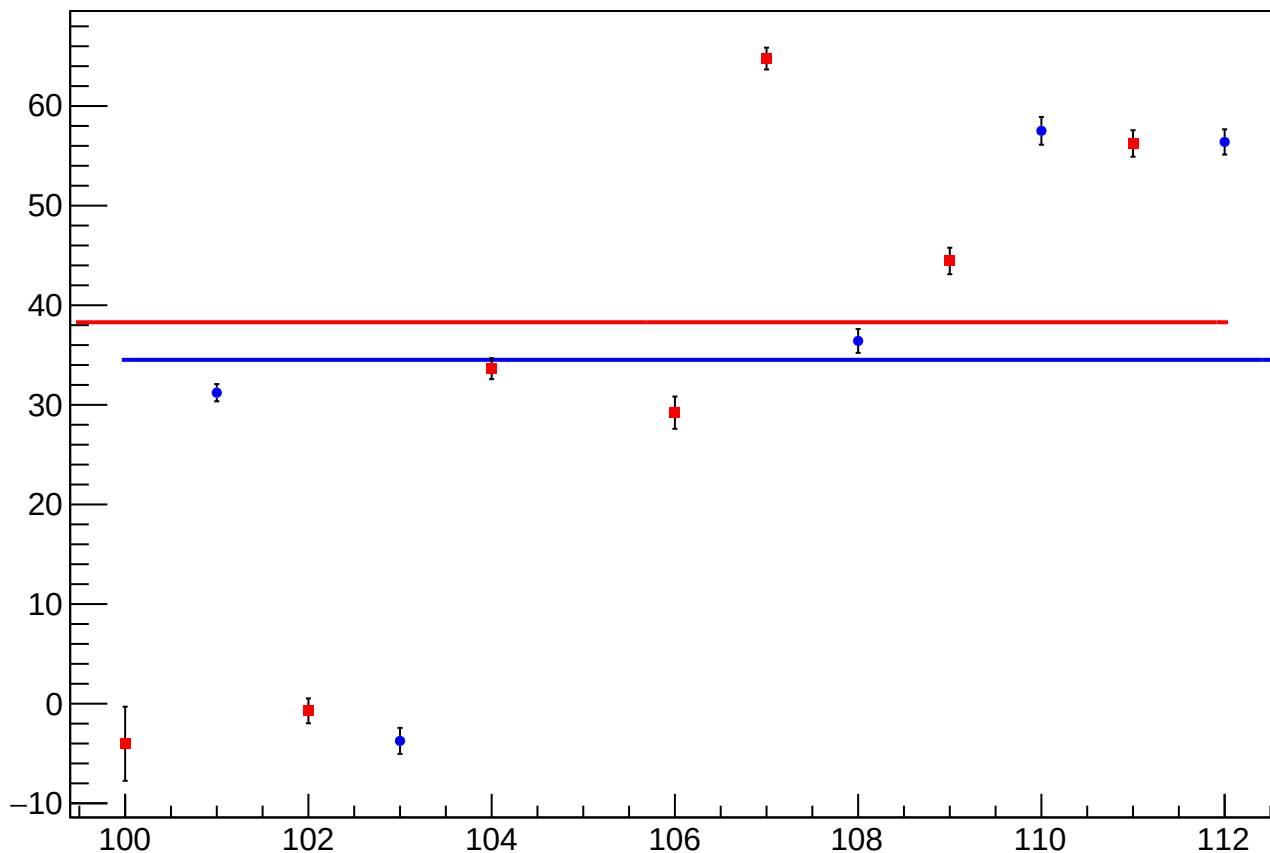
Right: 28.059+/-0.278 χ^2 /NDF: 344.9/11

In: 29.217+/-0.392 χ^2 /NDF:106.1/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 28.059+/-0.278 χ^2 /NDF: 344.9/11

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 34.521+/-0.516 χ^2/NDF : 1444.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.293+/-0.502 χ^2/NDF : 1949.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

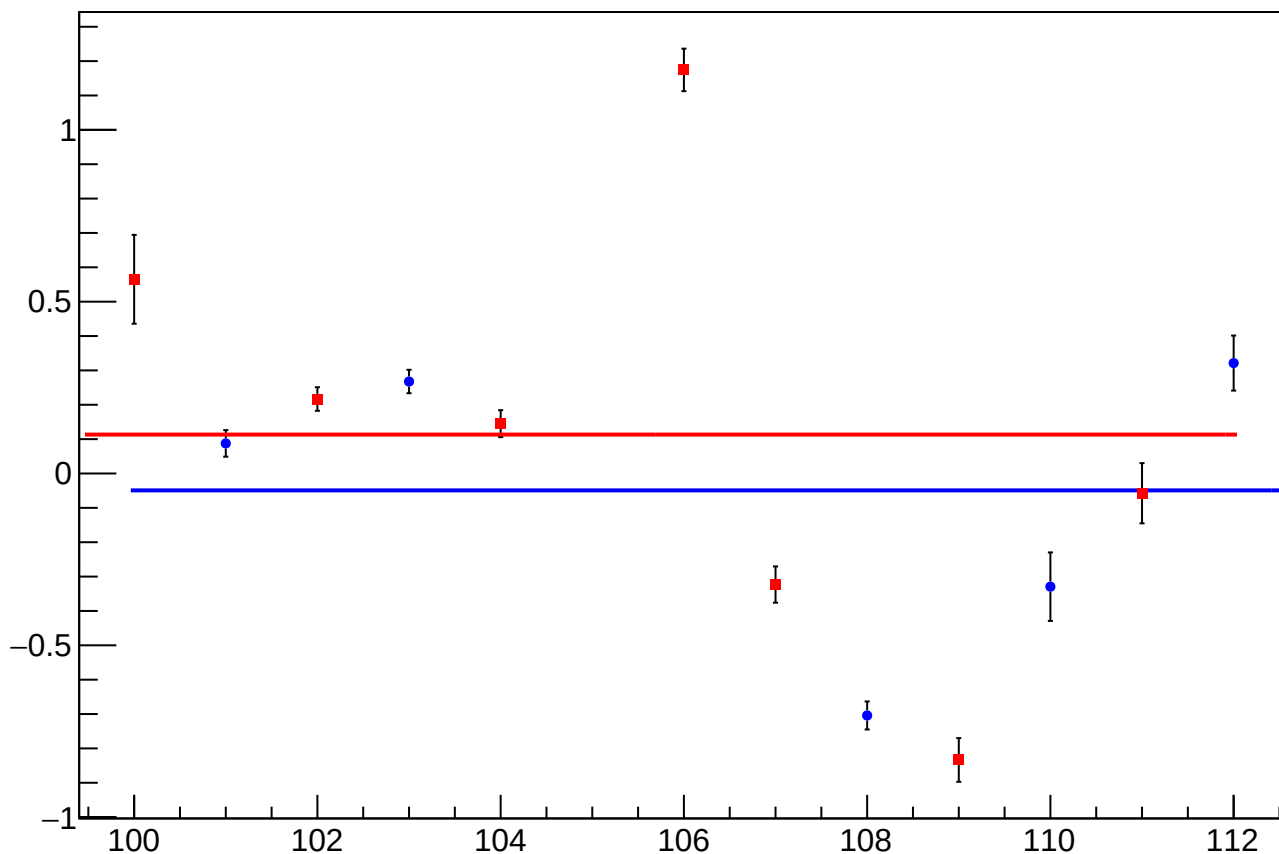
Right: 36.457+/-0.360 χ^2/NDF : 3421.0/11

In: 34.521+/-0.516 χ^2/NDF : 1444.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.457+/-0.360 χ^2/NDF : 3421.0/11

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.049 $\pm$ 0.020 χ^2 /NDF: 385.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.113 $\pm$ 0.020 χ^2 /NDF: 610.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

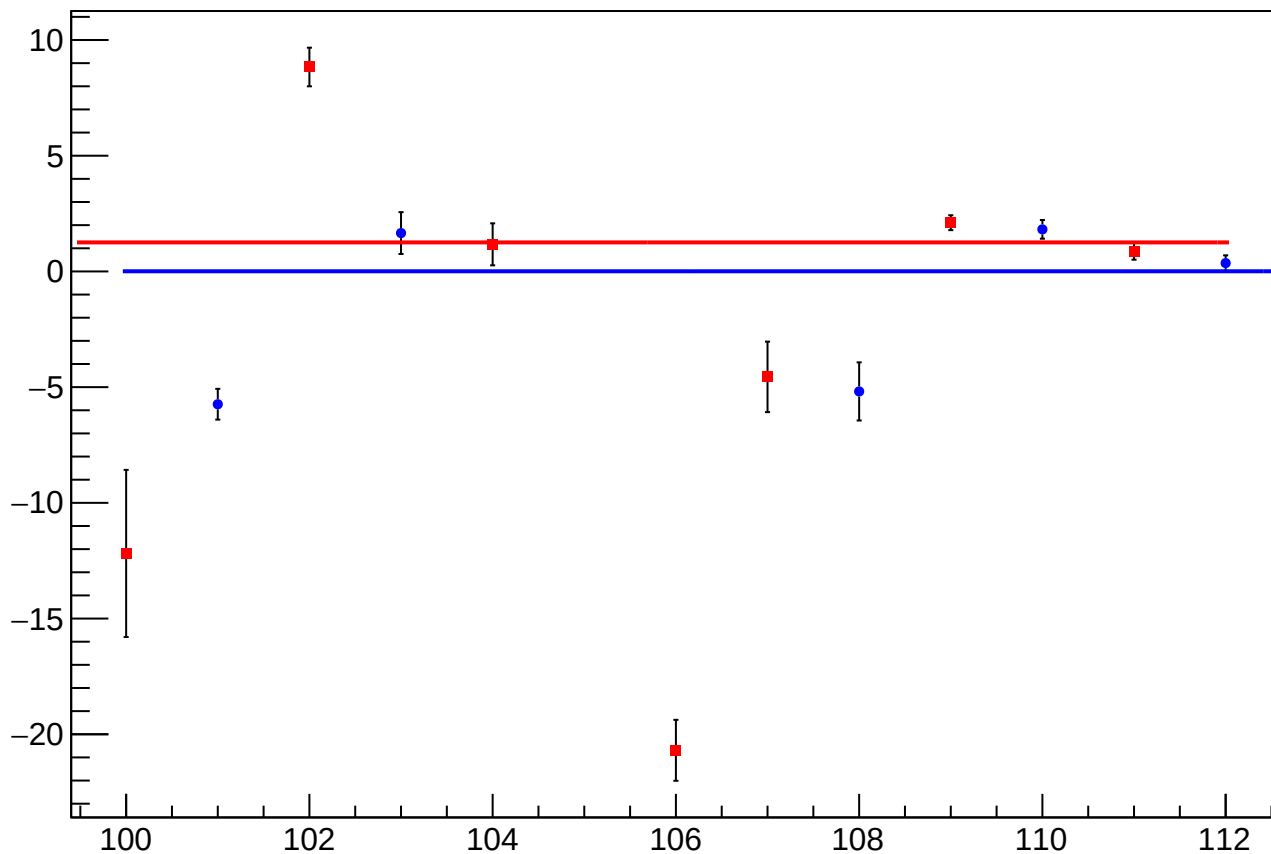
Right: 0.035 $\pm$ 0.014 χ^2 /NDF: 1028.6/11

In: -0.049 $\pm$ 0.020 χ^2 /NDF:385.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.035 $\pm$ 0.014 χ^2 /NDF: 1028.6/11

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.228 χ^2 /NDF: 116.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.254 $\pm$ 0.219 χ^2 /NDF: 396.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

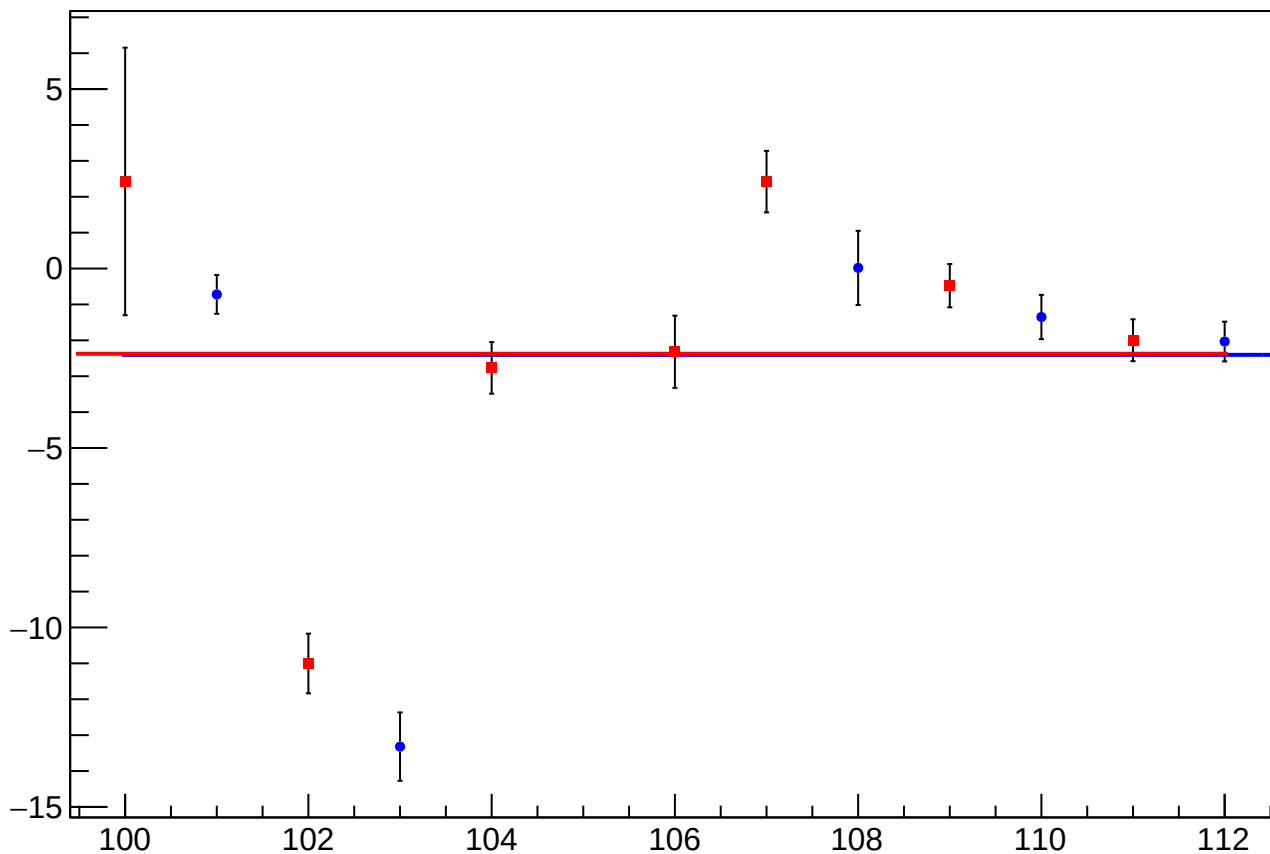
Right: 0.657 $\pm$ 0.158 χ^2 /NDF: 528.4/11

In: 0.007 $\pm$ 0.228 χ^2 /NDF:116.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.657 $\pm$ 0.158 χ^2 /NDF: 528.4/11

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.404 $\pm$ 0.297 χ^2 /NDF: 149.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.374 $\pm$ 0.295 χ^2 /NDF: 151.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

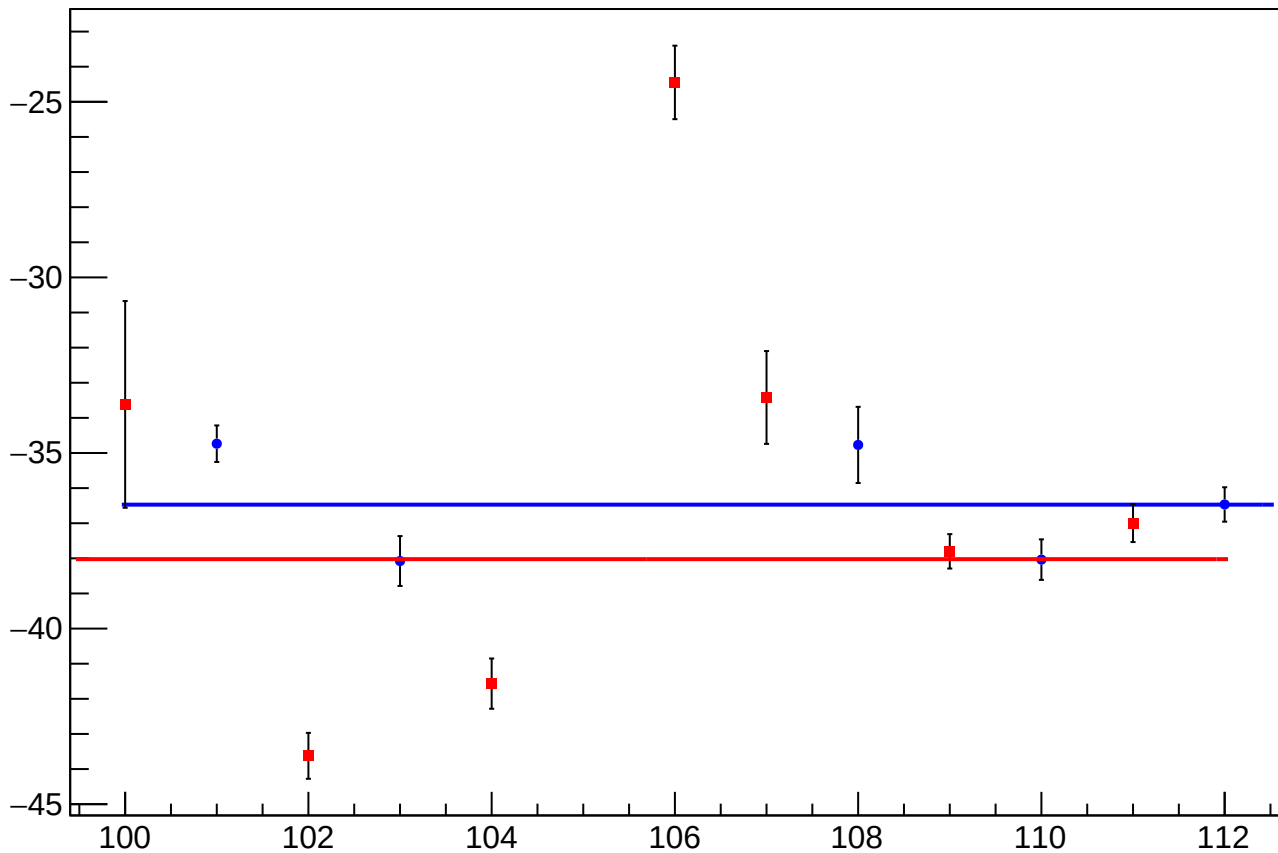
Right: -2.389 $\pm$ 0.209 χ^2 /NDF: 301.2/11

In: -2.404 $\pm$ 0.297 χ^2 /NDF:149.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.389 $\pm$ 0.209 χ^2 /NDF: 301.2/11

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -36.471 ± 0.270 χ^2/NDF : 26.1/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -38.023 ± 0.272 χ^2/NDF : 284.4/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

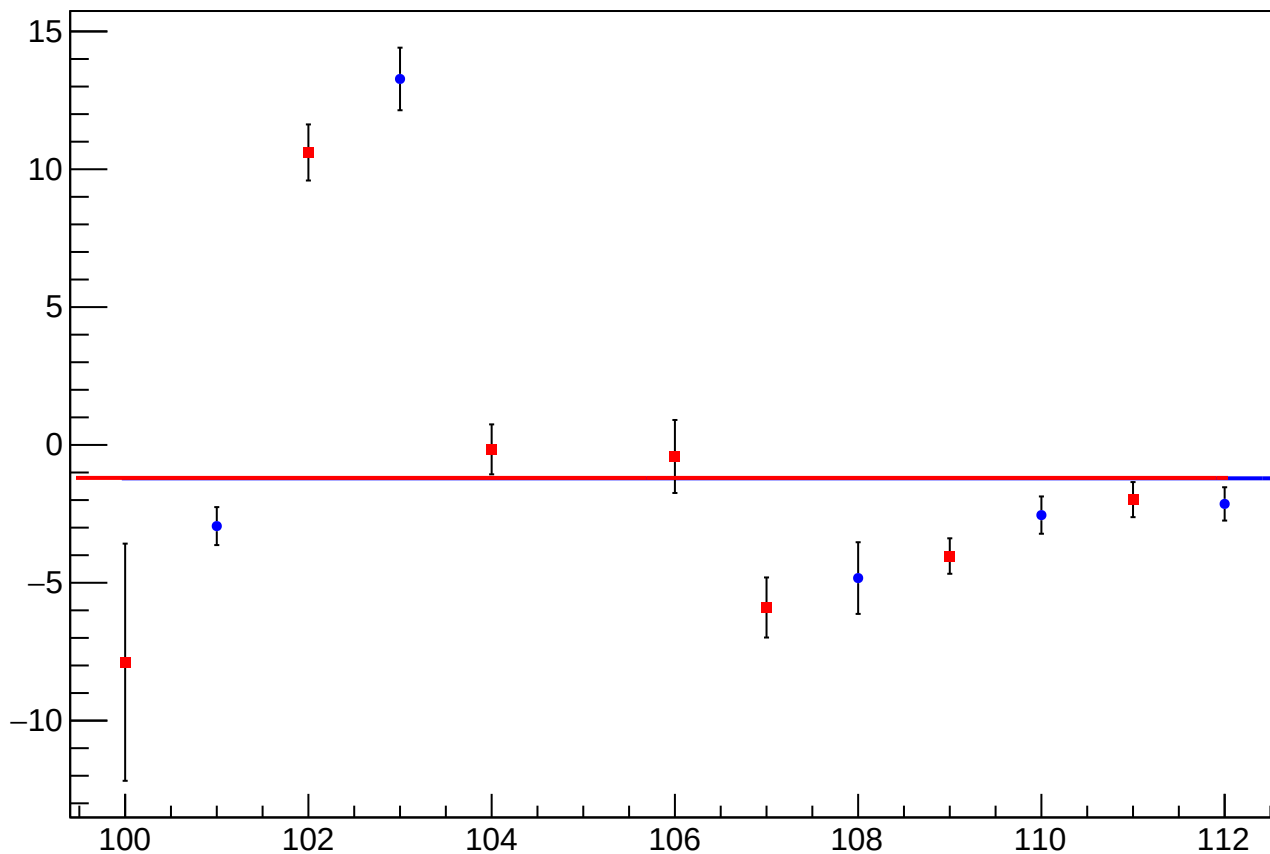
Right: -37.242 ± 0.192 χ^2/NDF : 326.9/11

In: -36.471 ± 0.270 χ^2/NDF : 26.1/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -37.242 ± 0.192 χ^2/NDF : 326.9/11

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.211+/-0.345 χ^2/NDF : 183.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.196+/-0.342 χ^2/NDF : 178.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

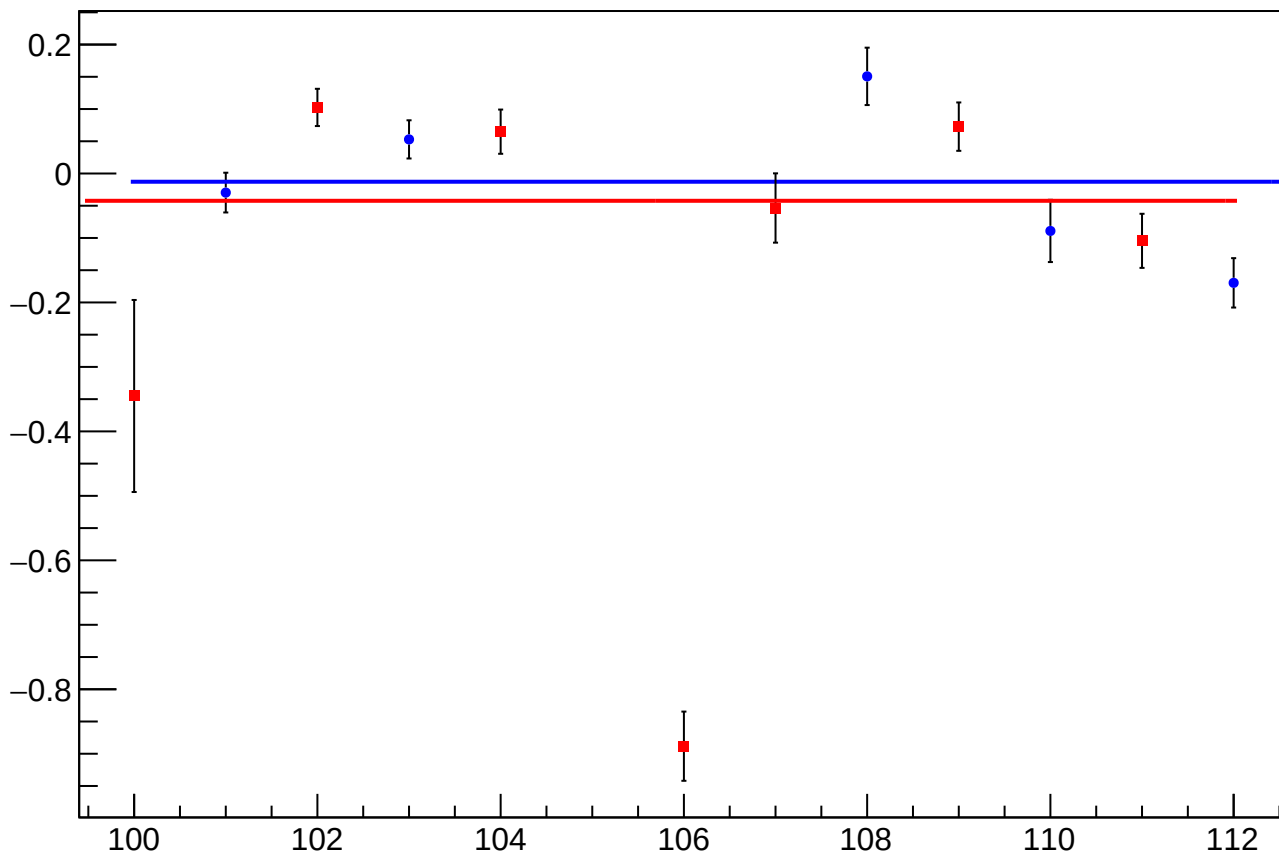
Right: -1.204+/-0.243 χ^2/NDF : 361.6/11

In: -1.211+/-0.345 χ^2/NDF : 183.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.204+/-0.243 χ^2/NDF : 361.6/11

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.013+/-0.016 χ^2 /NDF: 38.0/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.042+/-0.016 χ^2 /NDF: 299.1/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

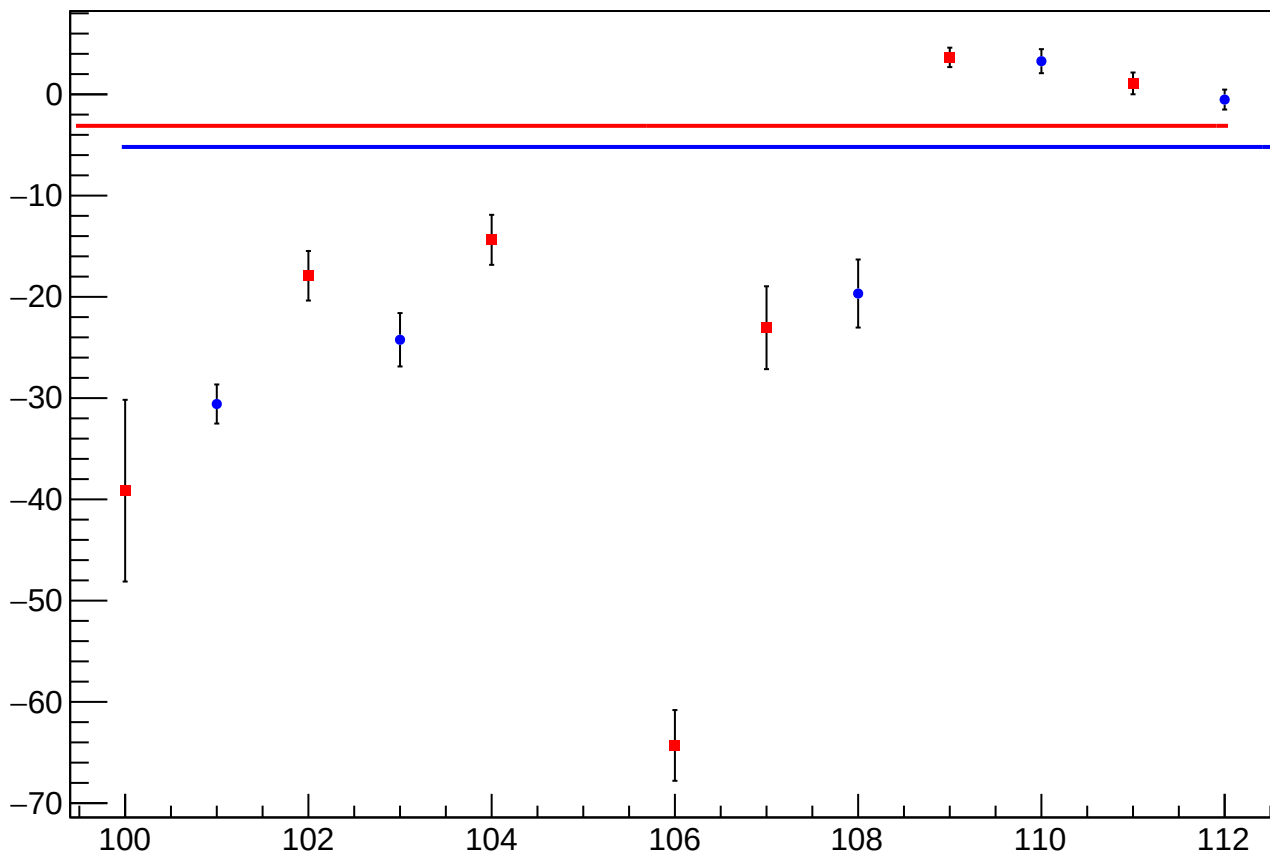
Right: -0.028+/-0.011 χ^2 /NDF: 338.7/11

In: -0.013+/-0.016 χ^2 /NDF:38.0/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.028+/-0.011 χ^2 /NDF: 338.7/11

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.196+/-0.668 χ^2 /NDF: 317.3/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -3.109+/-0.640 χ^2 /NDF: 469.1/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

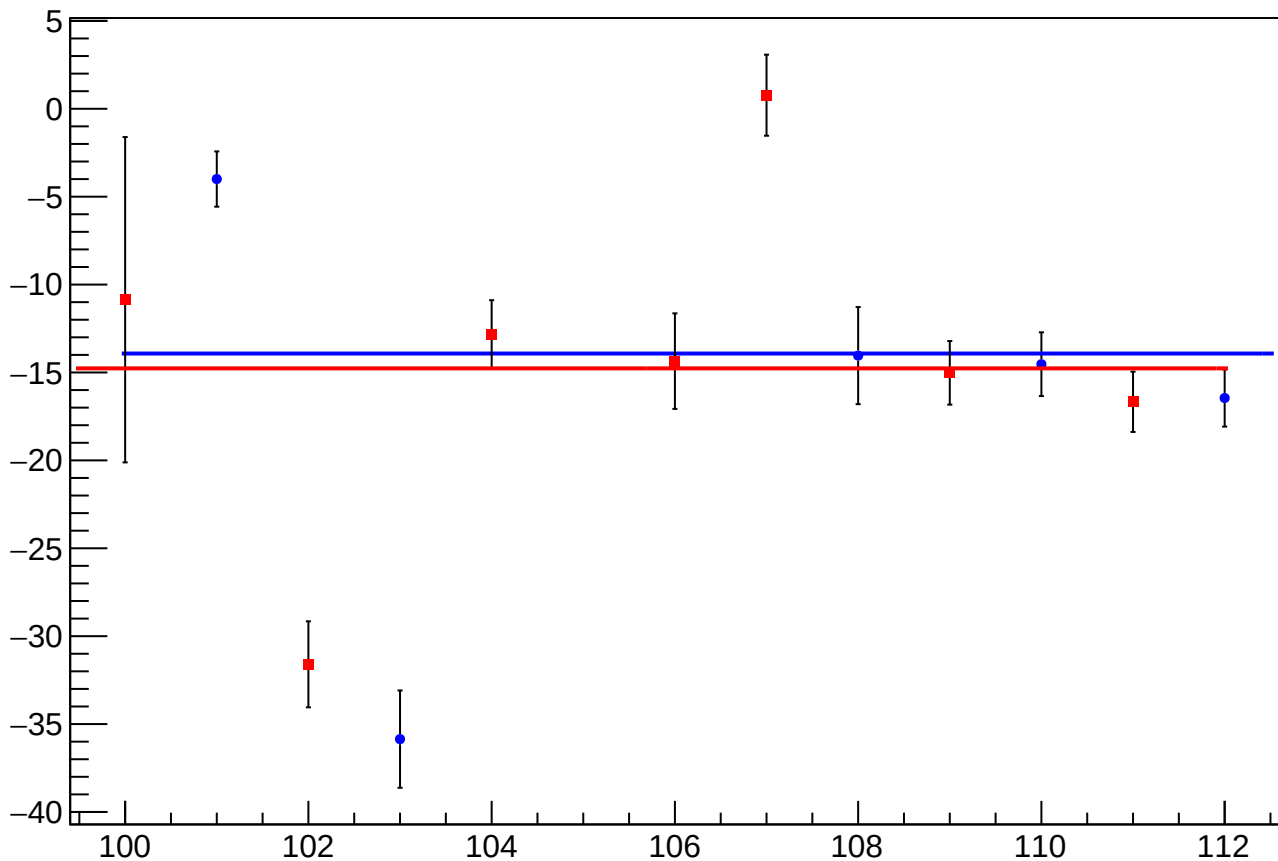
Right: -4.109+/-0.462 χ^2 /NDF: 791.5/11

In: -5.196+/-0.668 χ^2 /NDF:317.3/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -4.109+/-0.462 χ^2 /NDF: 791.5/11

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -13.922 $\pm$ 0.861 χ^2 /NDF: 105.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -14.766 $\pm$ 0.842 χ^2 /NDF: 95.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

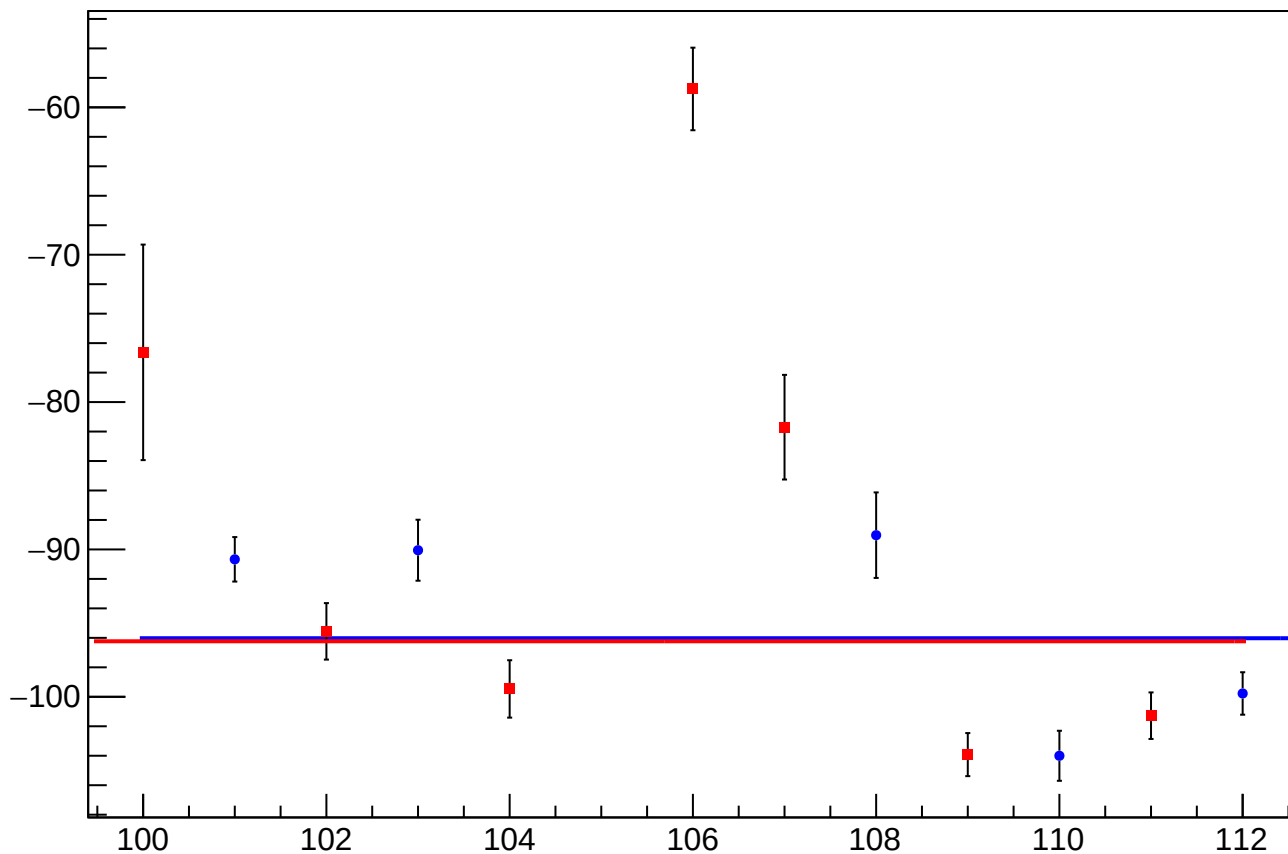
Right: -14.354 $\pm$ 0.602 χ^2 /NDF: 200.9/11

In: -13.922 $\pm$ 0.861 χ^2 /NDF:105.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -14.354 $\pm$ 0.602 χ^2 /NDF: 200.9/11

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -96.025 $\pm$ 0.786 χ^2 /NDF: 55.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -96.233 $\pm$ 0.783 χ^2 /NDF: 243.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

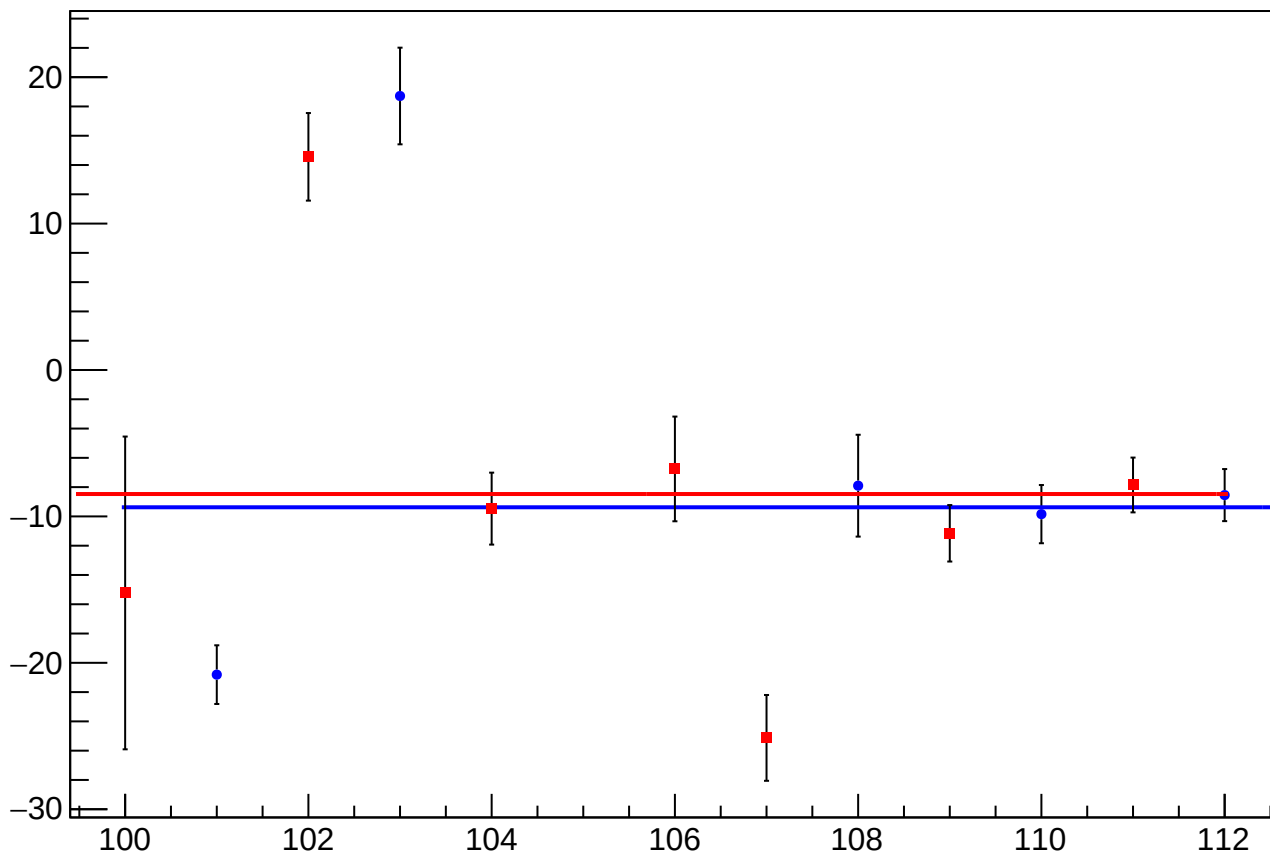
Right: -96.129 $\pm$ 0.555 χ^2 /NDF: 299.3/11

In: -96.025 $\pm$ 0.786 χ^2 /NDF: 55.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -96.129 $\pm$ 0.555 χ^2 /NDF: 299.3/11

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -9.377+/-1.004 χ^2/NDF : 105.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.471+/-0.983 χ^2/NDF : 94.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

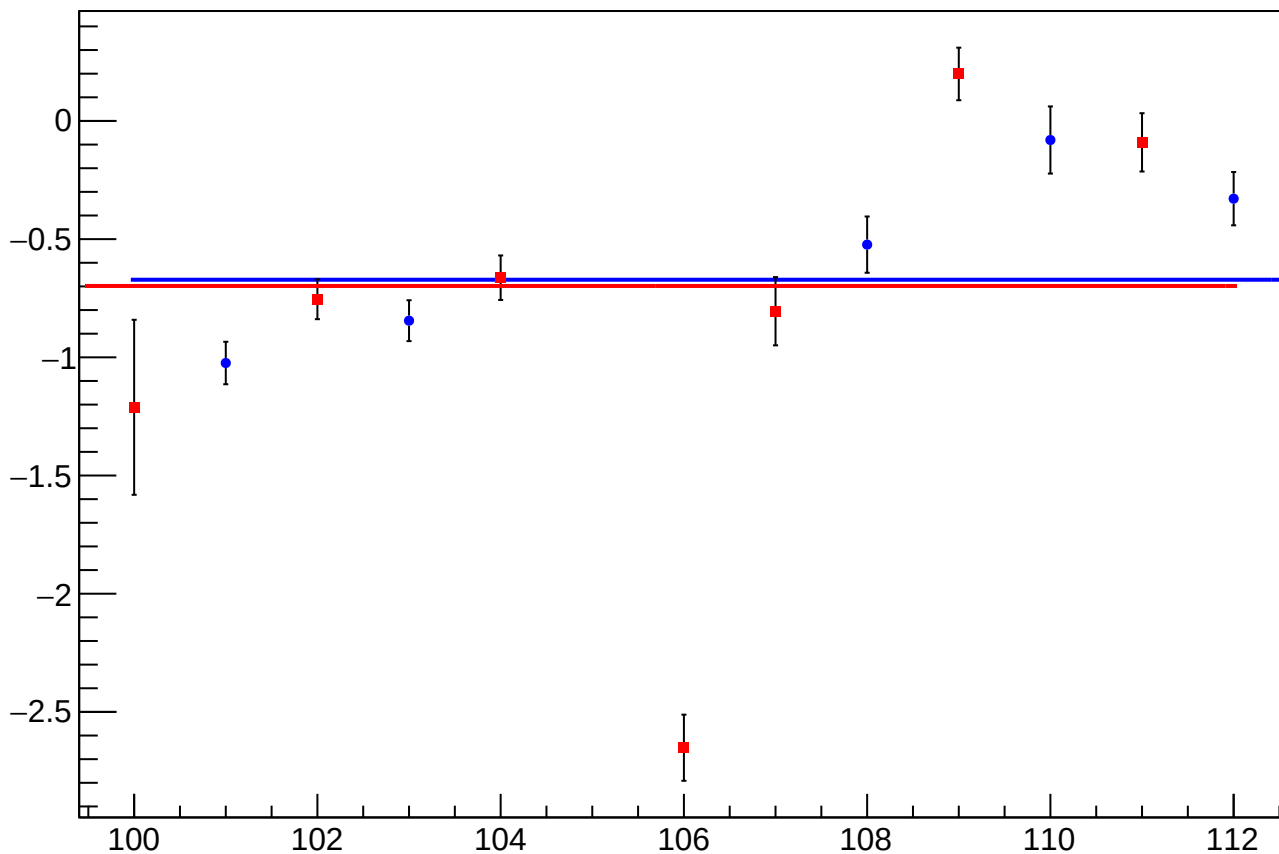
Right: -8.914+/-0.702 χ^2/NDF : 200.3/11

In: -9.377+/-1.004 χ^2/NDF : 105.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.914+/-0.702 χ^2/NDF : 200.3/11

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.672 ± 0.047 $\chi^2/\text{NDF}: 47.5/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.698 ± 0.044 $\chi^2/\text{NDF}: 287.2/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

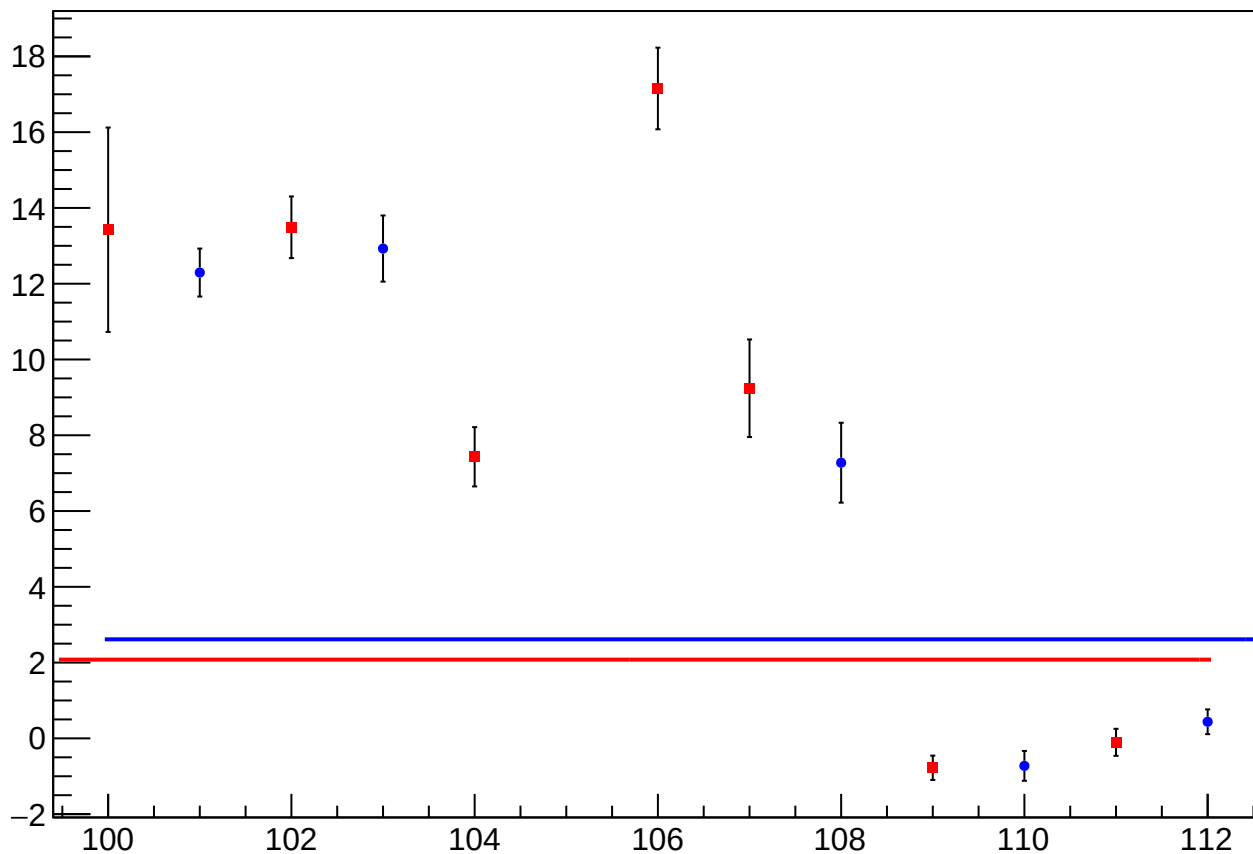
Right: -0.686 ± 0.032 $\chi^2/\text{NDF}: 334.9/11$

In: -0.672 ± 0.047 $\chi^2/\text{NDF}: 47.5/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.686 ± 0.032 $\chi^2/\text{NDF}: 334.9/11$

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 2.614 $\pm$ 0.221 χ^2 /NDF: 509.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.078 $\pm$ 0.212 χ^2 /NDF: 604.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

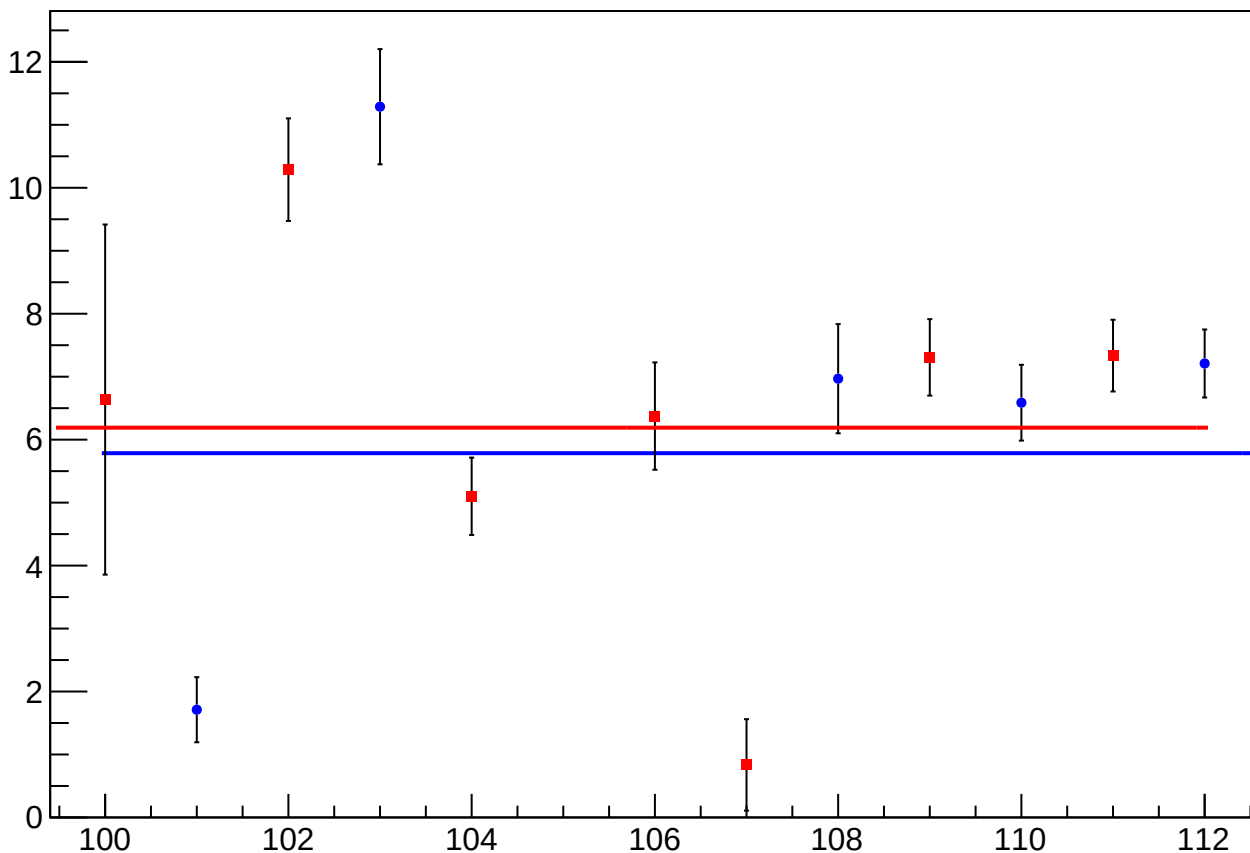
Right: 2.335 $\pm$ 0.153 χ^2 /NDF: 1116.4/11

In: 2.614 $\pm$ 0.221 χ^2 /NDF: 509.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.335 $\pm$ 0.153 χ^2 /NDF: 1116.4/11

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.785+/-0.283 χ^2/NDF : 108.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.190+/-0.274 χ^2/NDF : 90.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

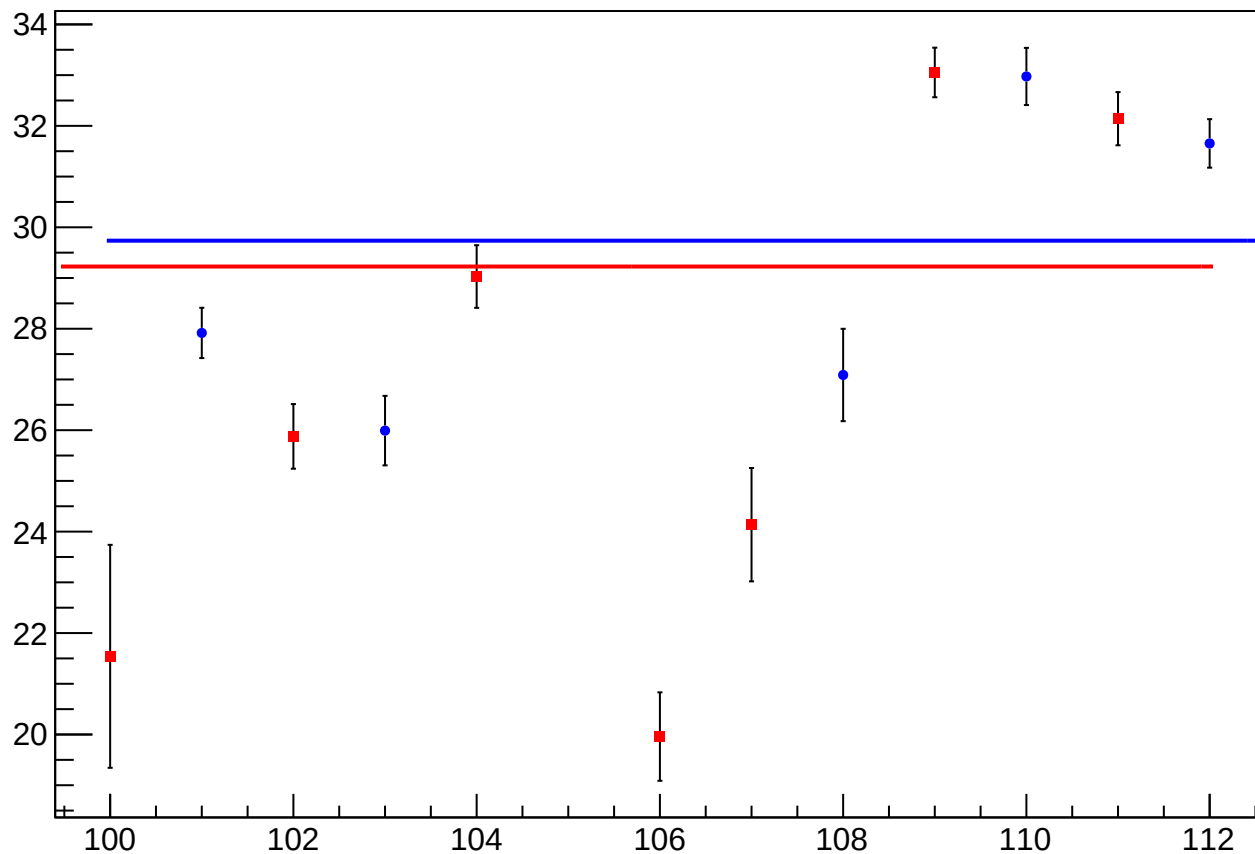
Right: 5.995+/-0.197 χ^2/NDF : 200.2/11

In: 5.785+/-0.283 χ^2/NDF : 108.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.995+/-0.197 χ^2/NDF : 200.2/11

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.736+/-0.259 χ^2/NDF : 100.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.227+/-0.256 χ^2/NDF : 265.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

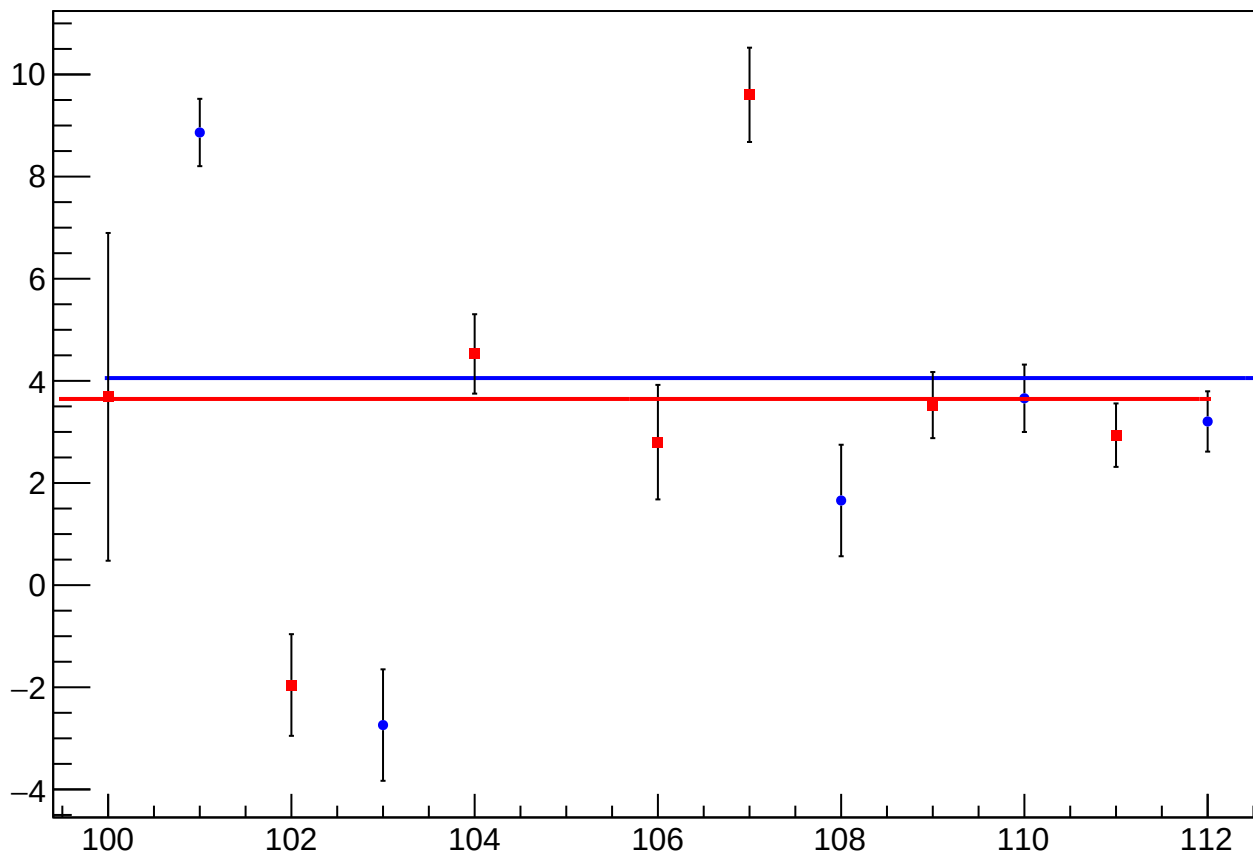
Right: 29.479+/-0.182 χ^2/NDF : 368.6/11

In: 29.736+/-0.259 χ^2/NDF : 100.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.479+/-0.182 χ^2/NDF : 368.6/11

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.055+/-0.331 χ^2/NDF : 99.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.646+/-0.321 χ^2/NDF : 76.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

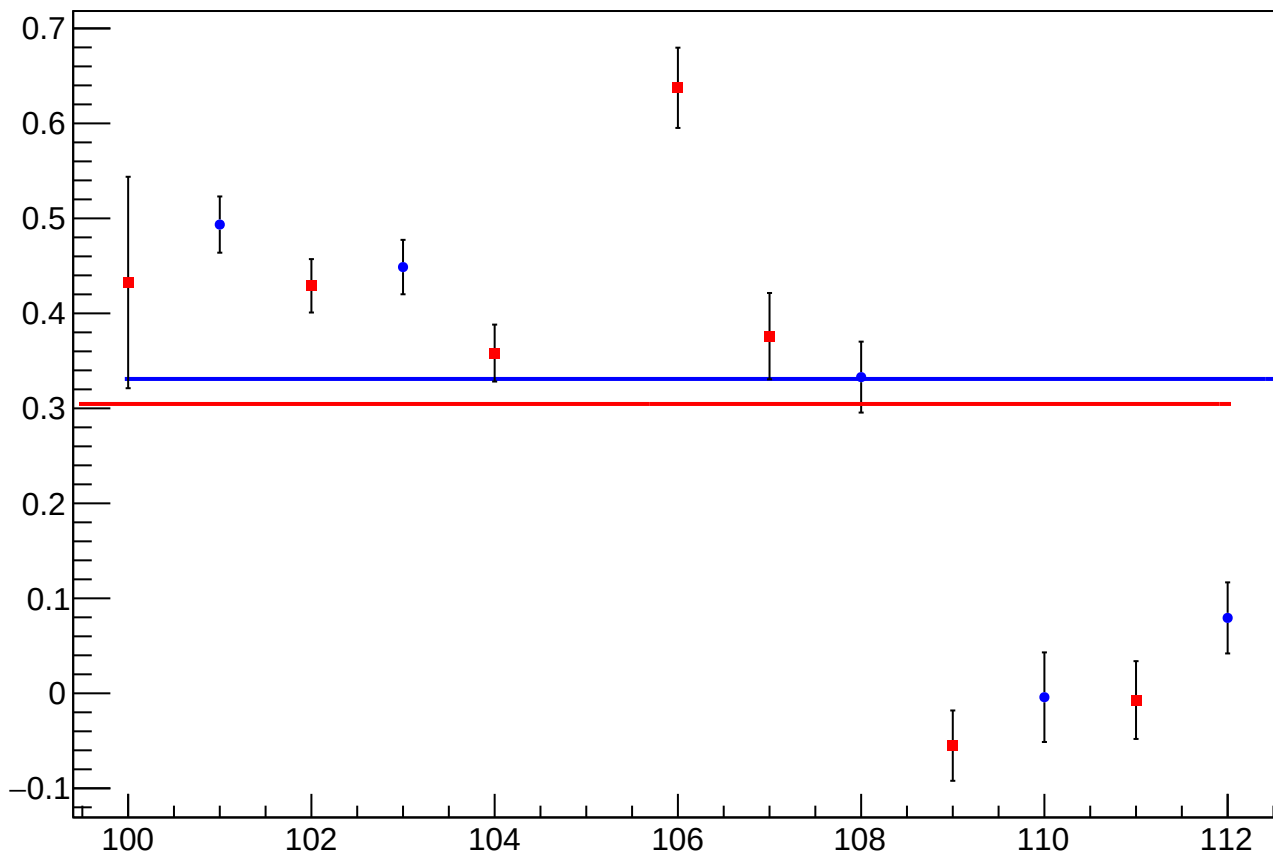
Right: 3.844+/-0.230 χ^2/NDF : 176.5/11

In: 4.055+/-0.331 χ^2/NDF : 99.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.844+/-0.230 χ^2/NDF : 176.5/11

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.331+/-0.015 χ^2/NDF : 142.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.305+/-0.014 χ^2/NDF : 241.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

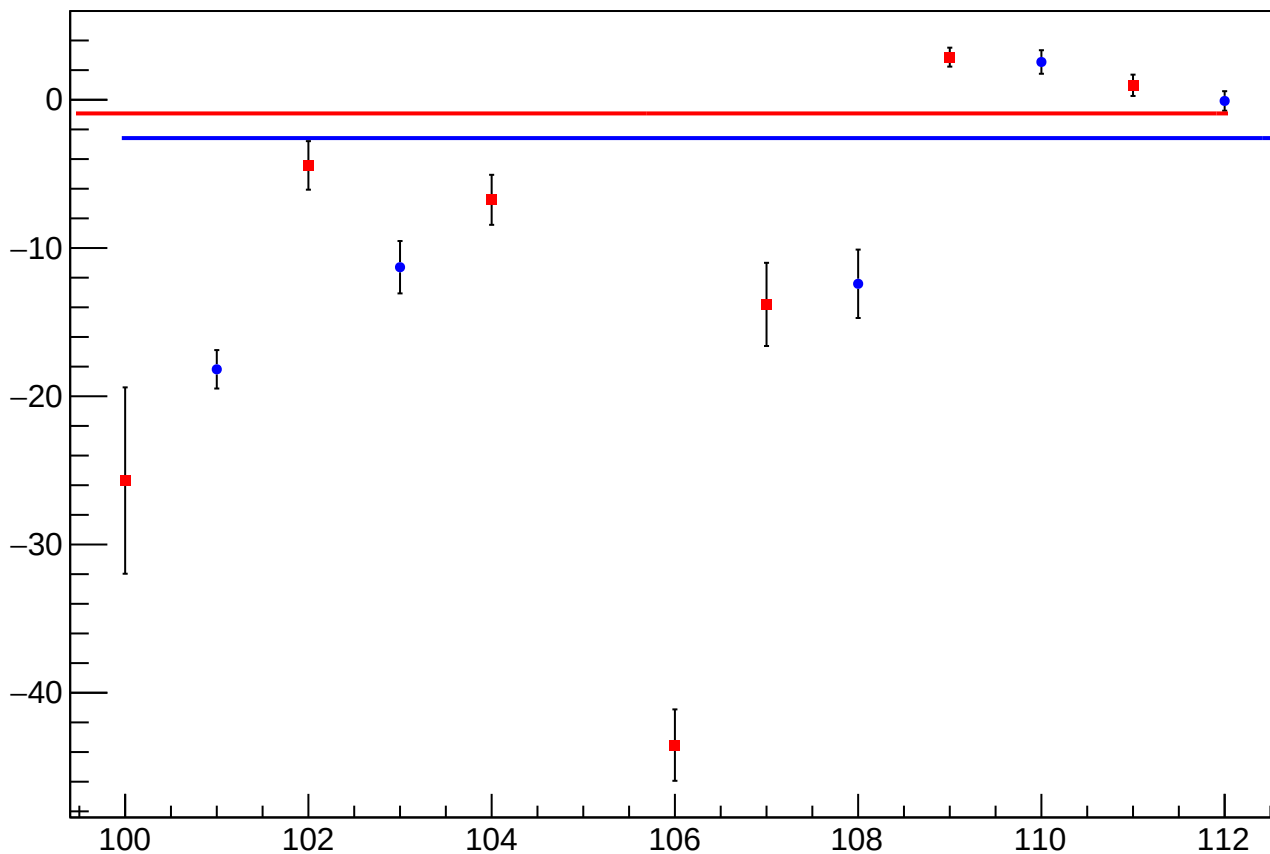
Right: 0.317+/-0.010 χ^2/NDF : 385.3/11

In: 0.331+/-0.015 χ^2/NDF : 142.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.317+/-0.010 χ^2/NDF : 385.3/11

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.584+/-0.447 χ^2 /NDF: 243.4/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.921+/-0.429 χ^2 /NDF: 408.4/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

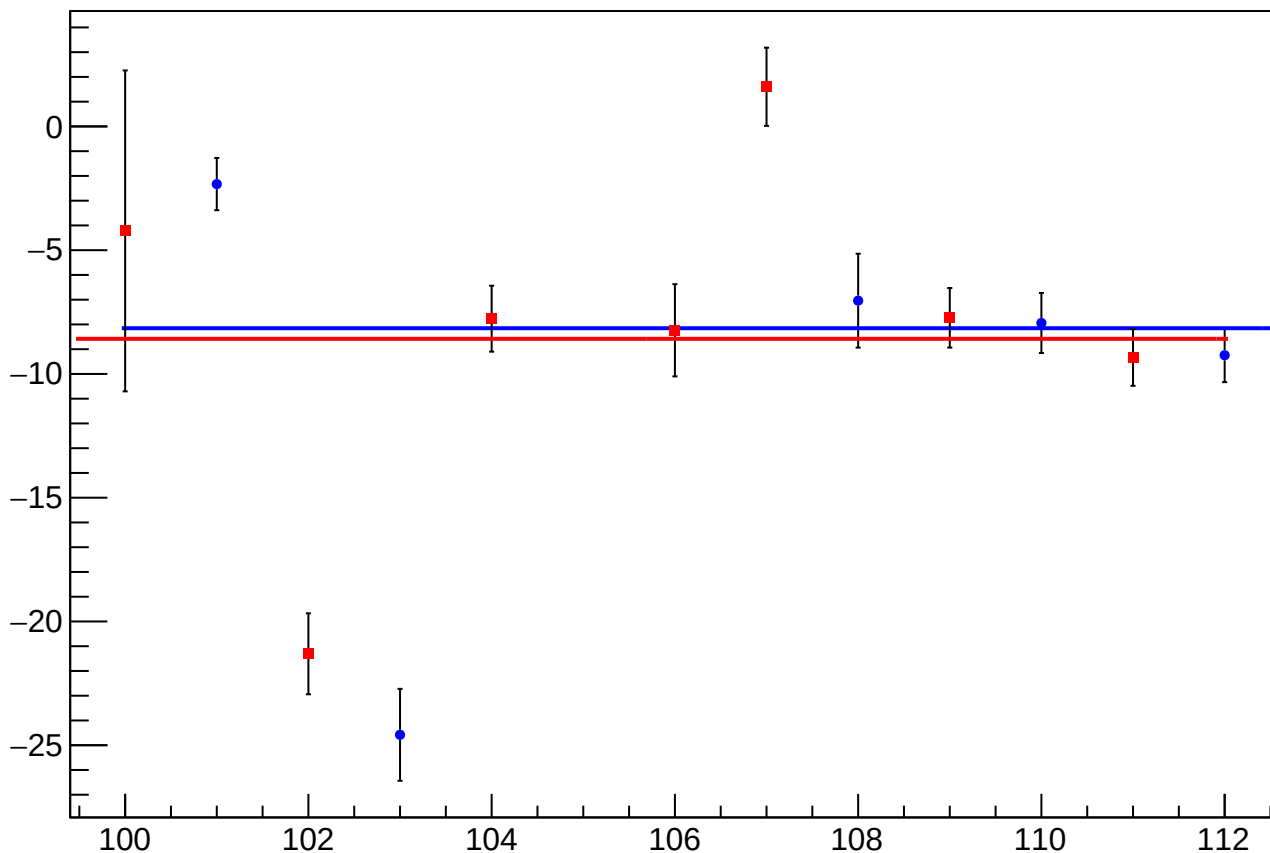
Right: -1.718+/-0.310 χ^2 /NDF: 659.0/11

In: -2.584+/-0.447 χ^2 /NDF:243.4/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1.718+/-0.310 χ^2 /NDF: 659.0/11

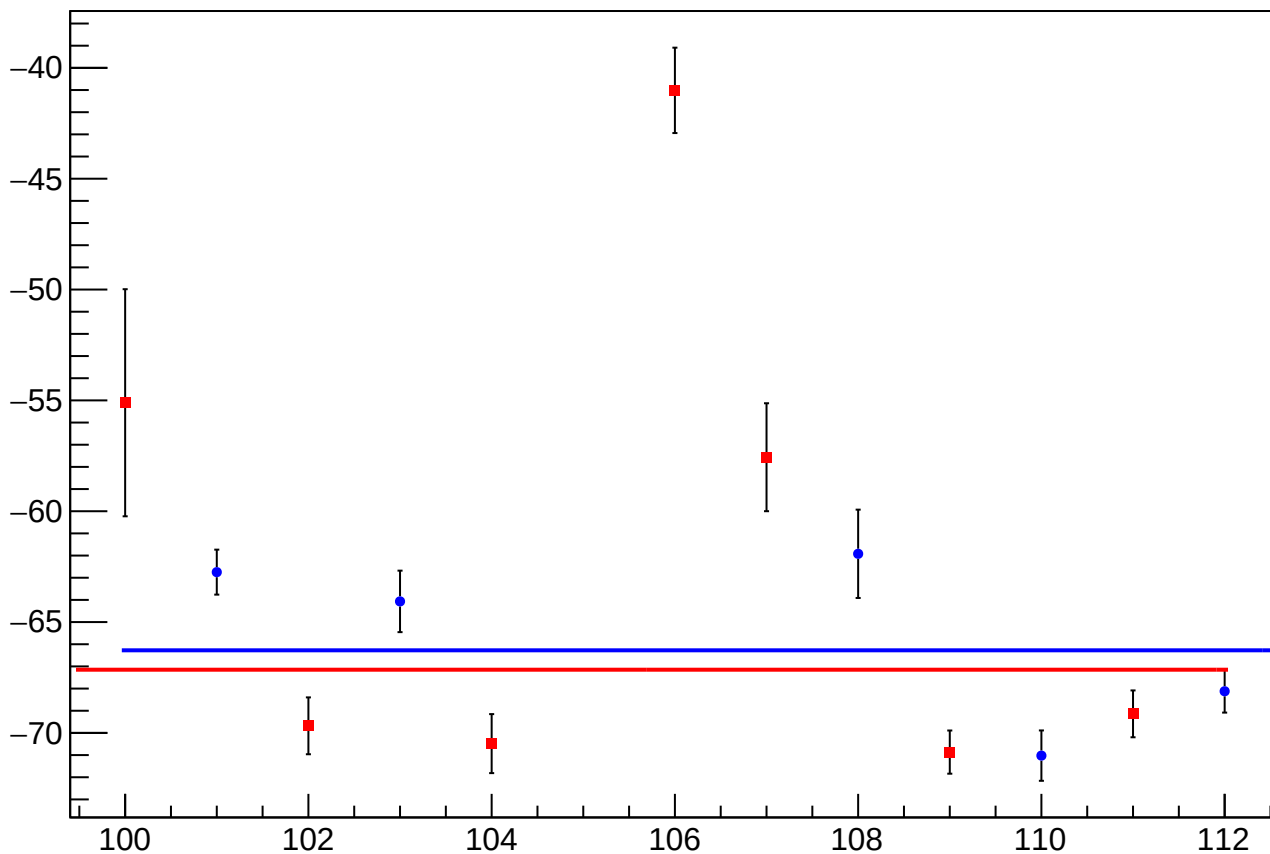
reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.153 $\pm$ 0.578 χ^2 /NDF: 110.1/4
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -8.581 $\pm$ 0.568 χ^2 /NDF: 103.9/6
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -8.371 $\pm$ 0.405 χ^2 /NDF: 214.2/11
 In: -8.153 $\pm$ 0.578 χ^2 /NDF:110.1/4
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -8.371 $\pm$ 0.405 χ^2 /NDF: 214.2/11

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -66.274 $\pm$ 0.527 χ^2 /NDF: 40.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -67.149 $\pm$ 0.527 χ^2 /NDF: 233.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

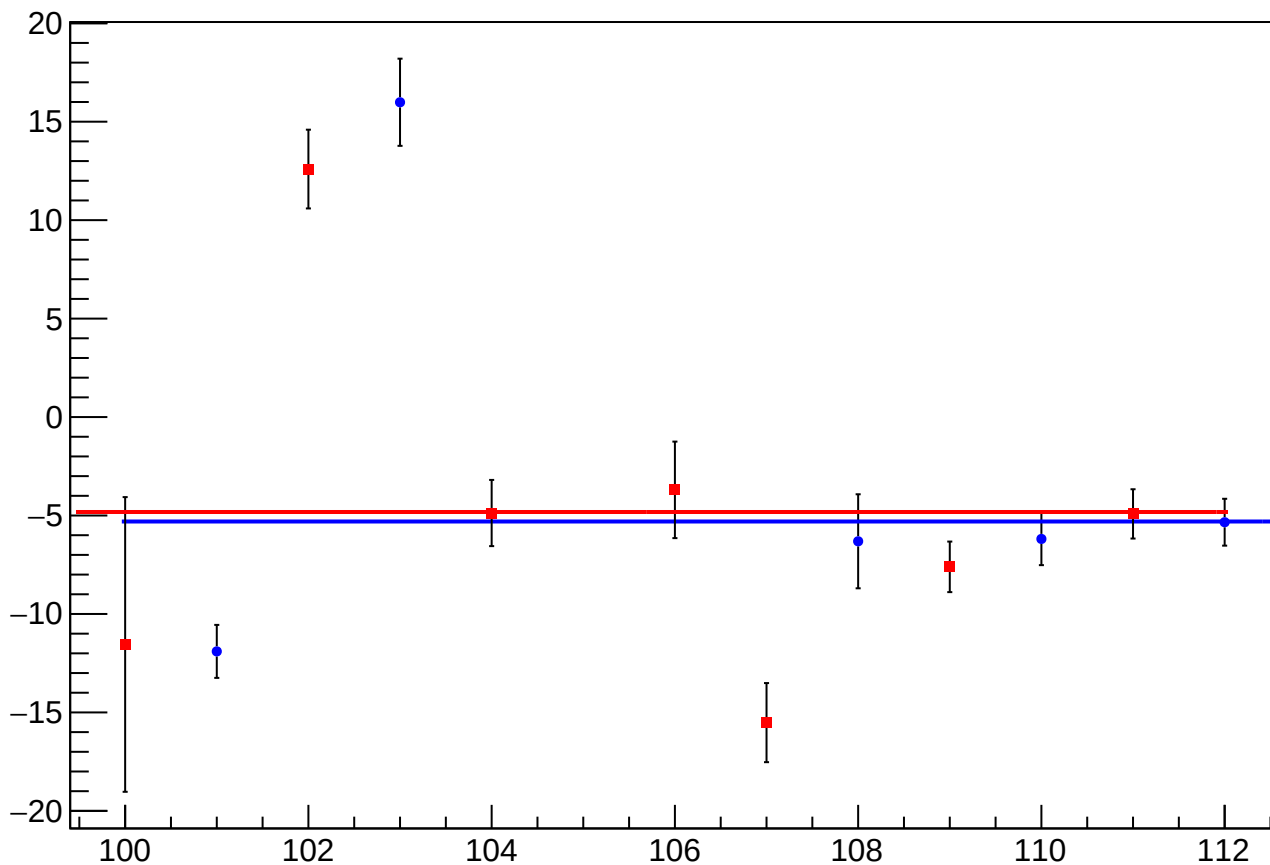
Right: -66.712 $\pm$ 0.373 χ^2 /NDF: 275.4/11

In: -66.274 $\pm$ 0.527 χ^2 /NDF:40.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -66.712 $\pm$ 0.373 χ^2 /NDF: 275.4/11

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.304 ± 0.674 $\chi^2/\text{NDF}: 117.2/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -4.821 ± 0.662 $\chi^2/\text{NDF}: 109.9/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

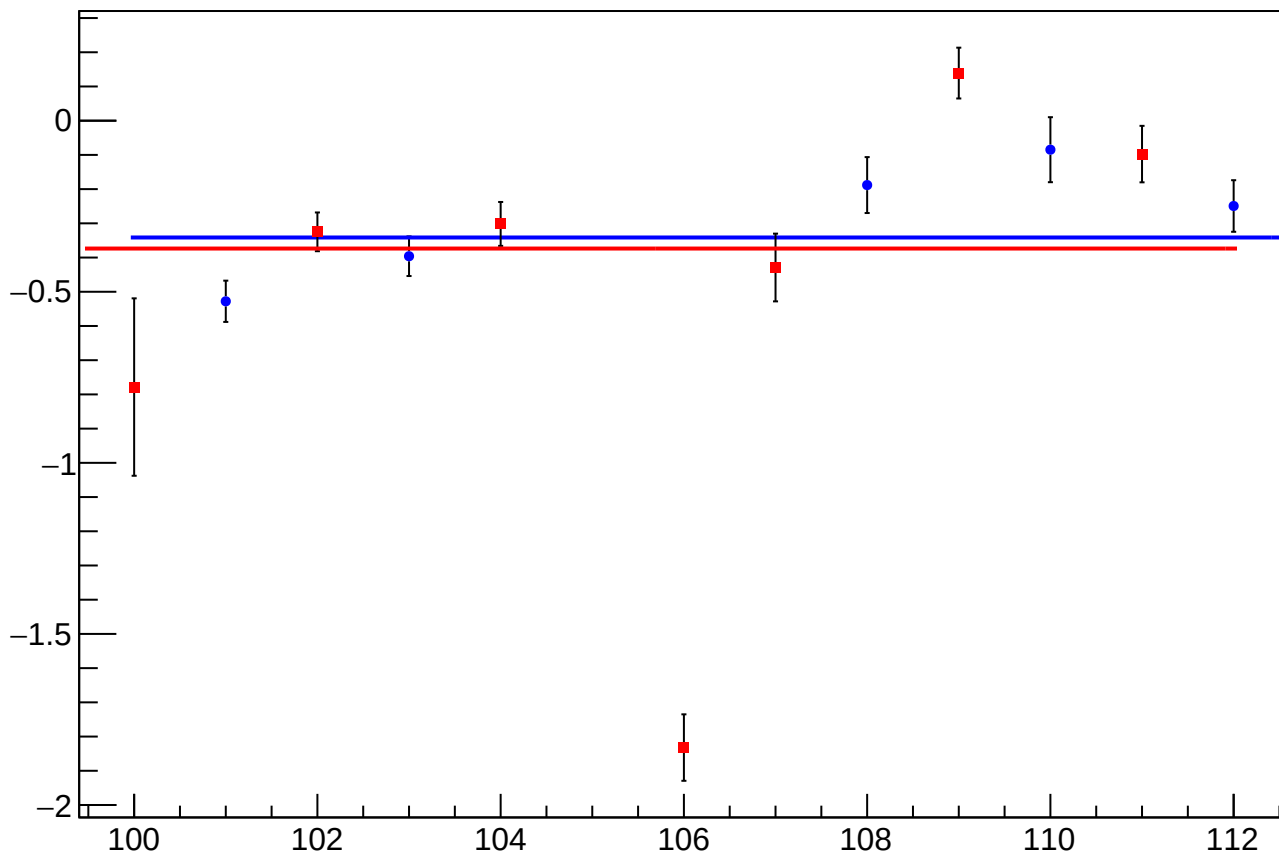
Right: -5.058 ± 0.472 $\chi^2/\text{NDF}: 227.3/11$

In: -5.304 ± 0.674 $\chi^2/\text{NDF}: 117.2/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -5.058 ± 0.472 $\chi^2/\text{NDF}: 227.3/11$

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.341 ± 0.031 χ^2/NDF : 22.8/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.374 ± 0.030 χ^2/NDF : 289.1/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

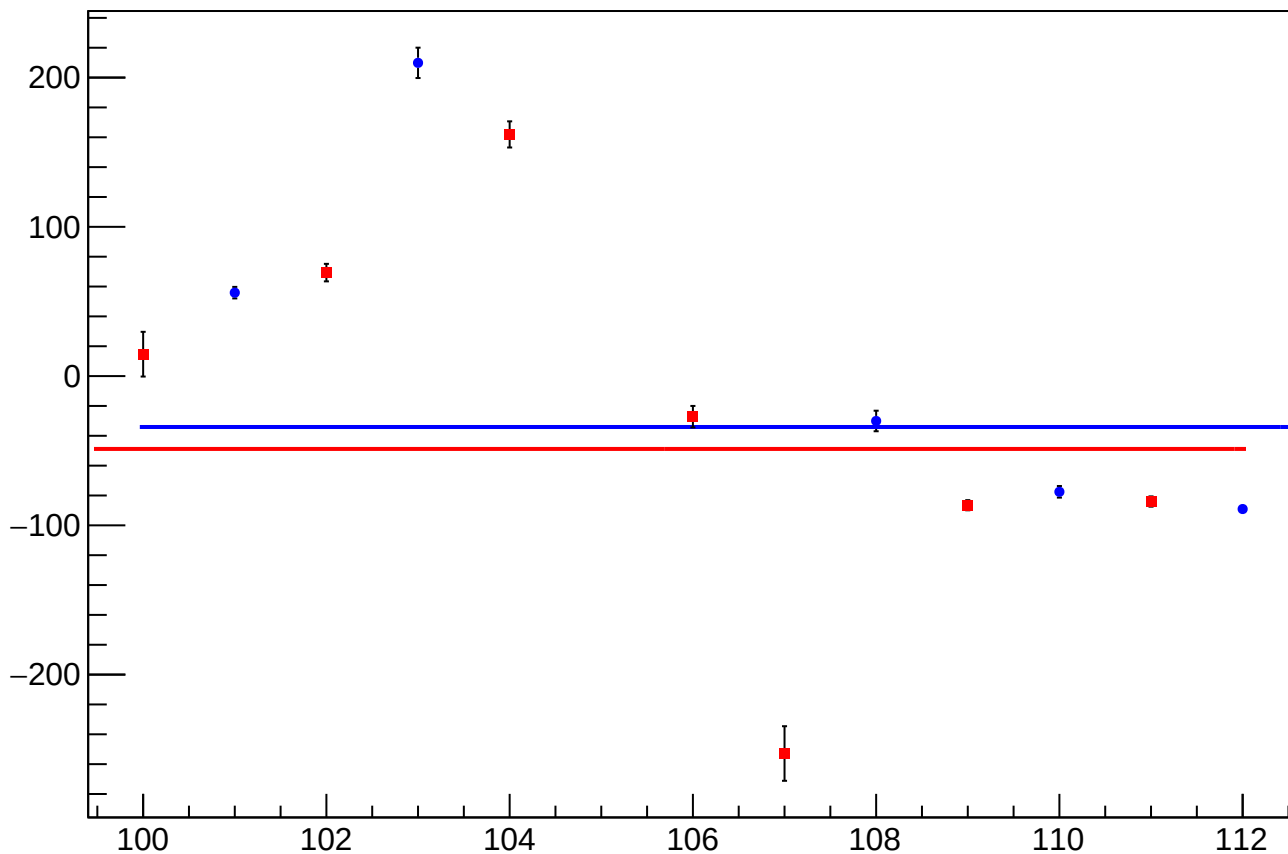
Right: -0.358 ± 0.022 χ^2/NDF : 312.4/11

In: -0.341 ± 0.031 χ^2/NDF : 22.8/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.358 ± 0.022 χ^2/NDF : 312.4/11

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -34.103 ± 1.939 $\chi^2/\text{NDF}: 1550.8/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -48.808 ± 2.038 $\chi^2/\text{NDF}: 1364.8/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

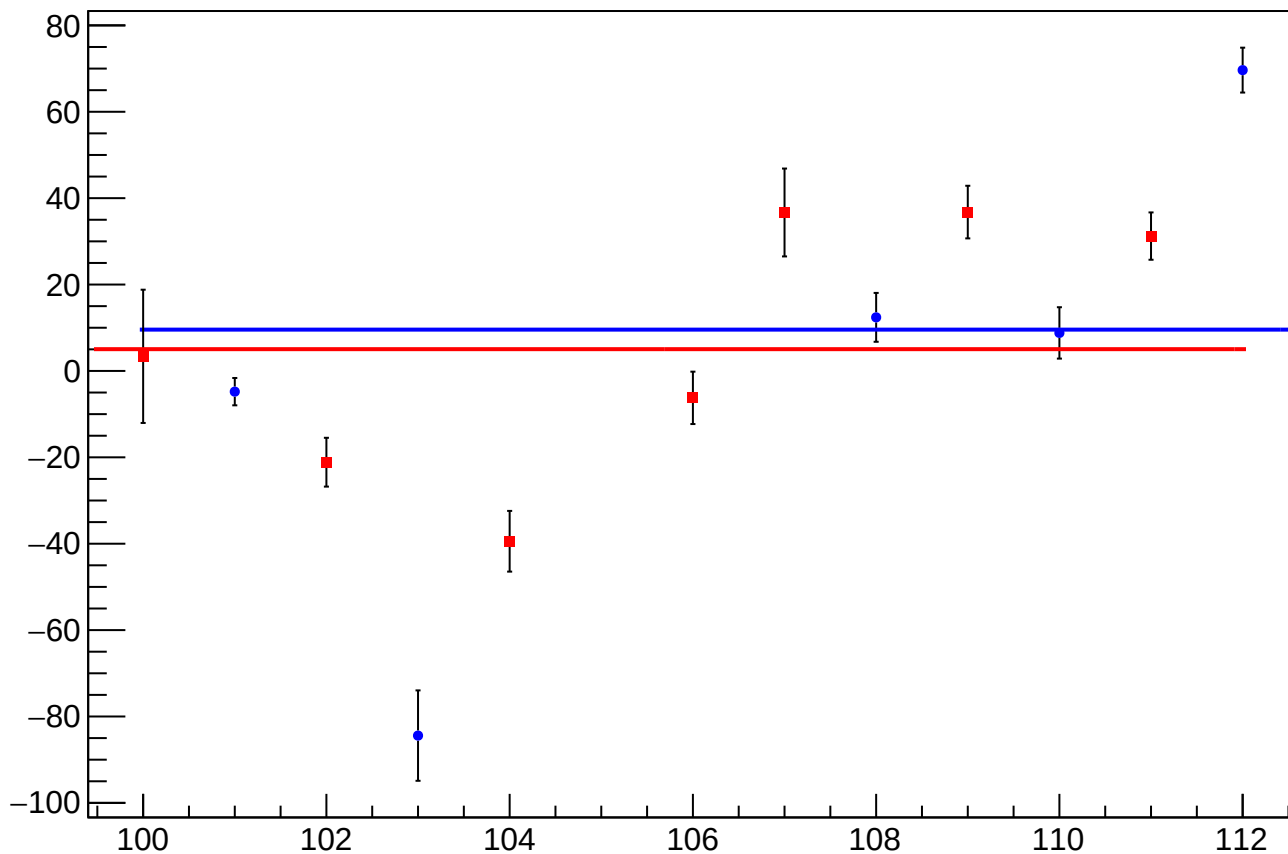
Right: -41.090 ± 1.405 $\chi^2/\text{NDF}: 2943.0/11$

In: -34.103 ± 1.939 $\chi^2/\text{NDF}: 1550.8/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -41.090 ± 1.405 $\chi^2/\text{NDF}: 2943.0/11$

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.565 ± 2.205 $\chi^2/\text{NDF}: 235.3/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 5.041 ± 2.557 $\chi^2/\text{NDF}: 124.6/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

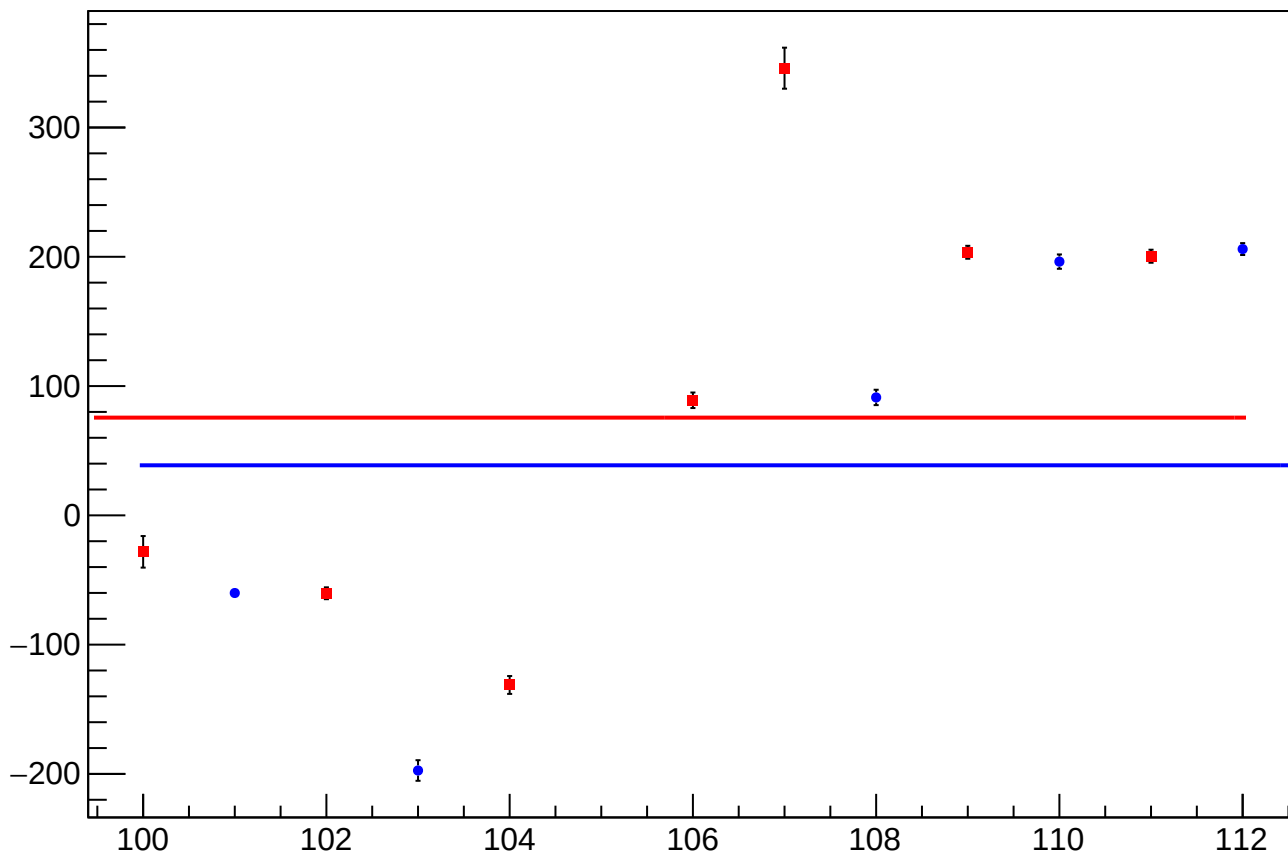
Right: 7.636 ± 1.670 $\chi^2/\text{NDF}: 361.7/11$

In: 9.565 ± 2.205 $\chi^2/\text{NDF}: 235.3/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 7.636 ± 1.670 $\chi^2/\text{NDF}: 361.7/11$

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 38.715+/-2.071 χ^2 /NDF: 4152.2/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 75.594+/-2.317 χ^2 /NDF: 3407.3/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

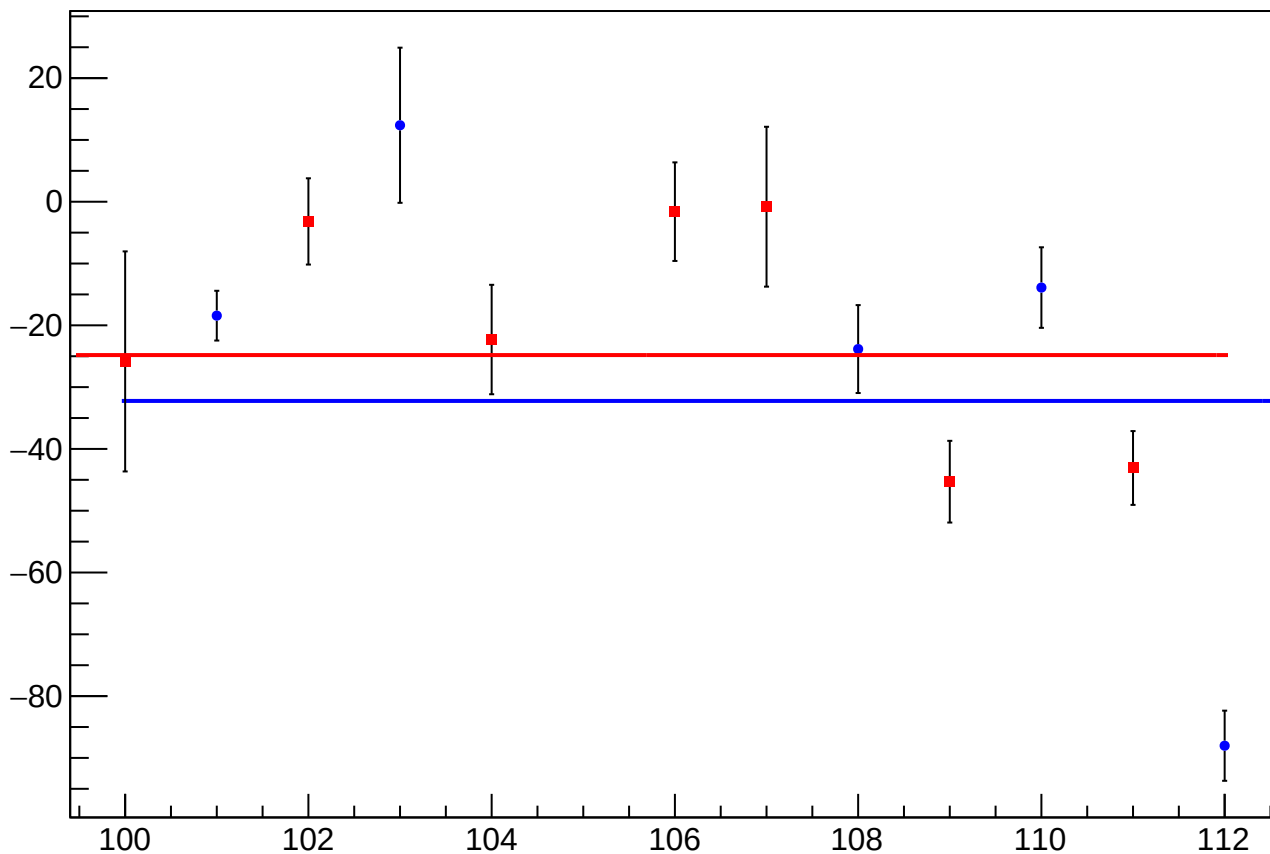
Right: 55.091+/-1.544 χ^2 /NDF: 7700.4/11

In: 38.715+/-2.071 χ^2 /NDF:4152.2/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 55.091+/-1.544 χ^2 /NDF: 7700.4/11

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.235+/-2.650 χ^2/NDF : 130.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -24.813+/-3.028 χ^2/NDF : 40.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

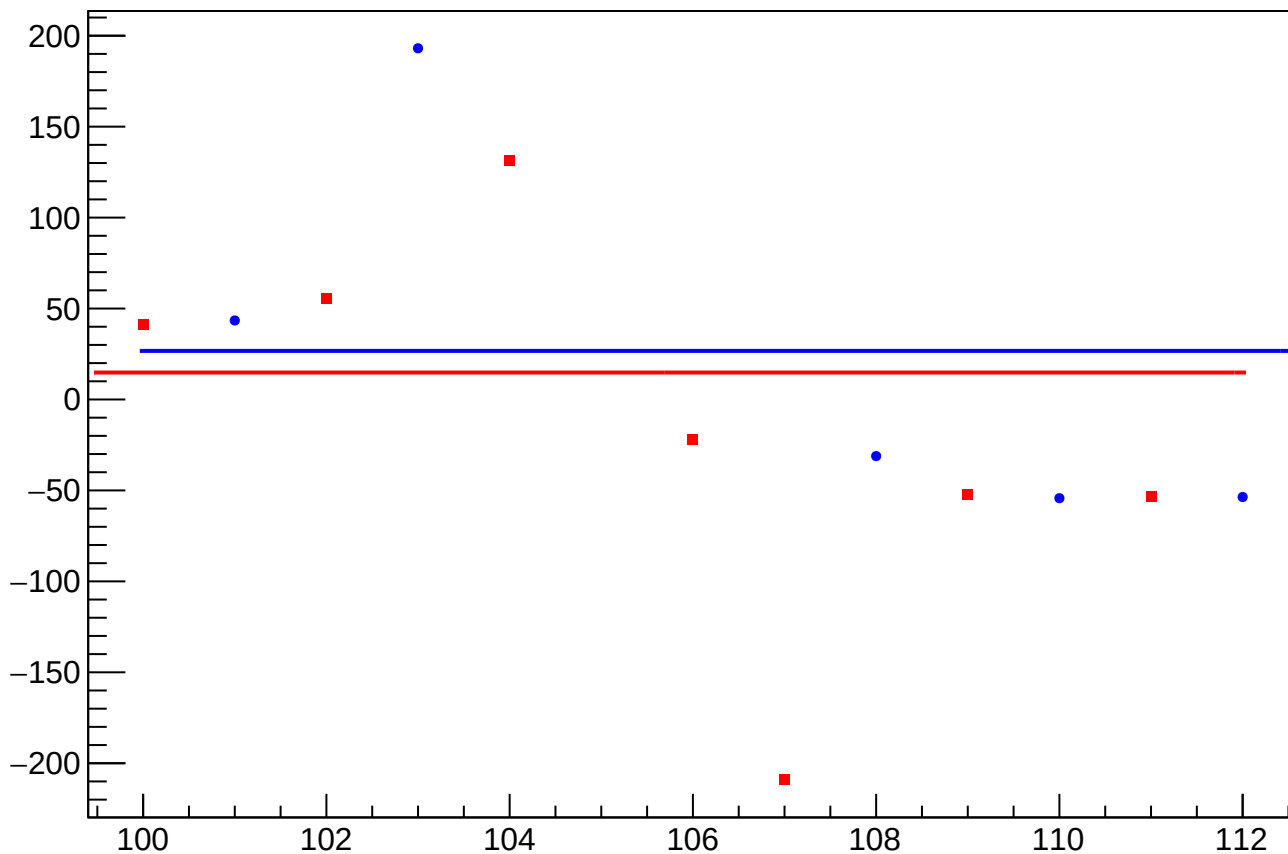
Right: -29.016+/-1.994 χ^2/NDF : 174.3/11

In: -32.235+/-2.650 χ^2/NDF : 130.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.016+/-1.994 χ^2/NDF : 174.3/11

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 26.707+/-0.120 χ^2/NDF : 391709.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.824+/-0.123 χ^2/NDF : 367586.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

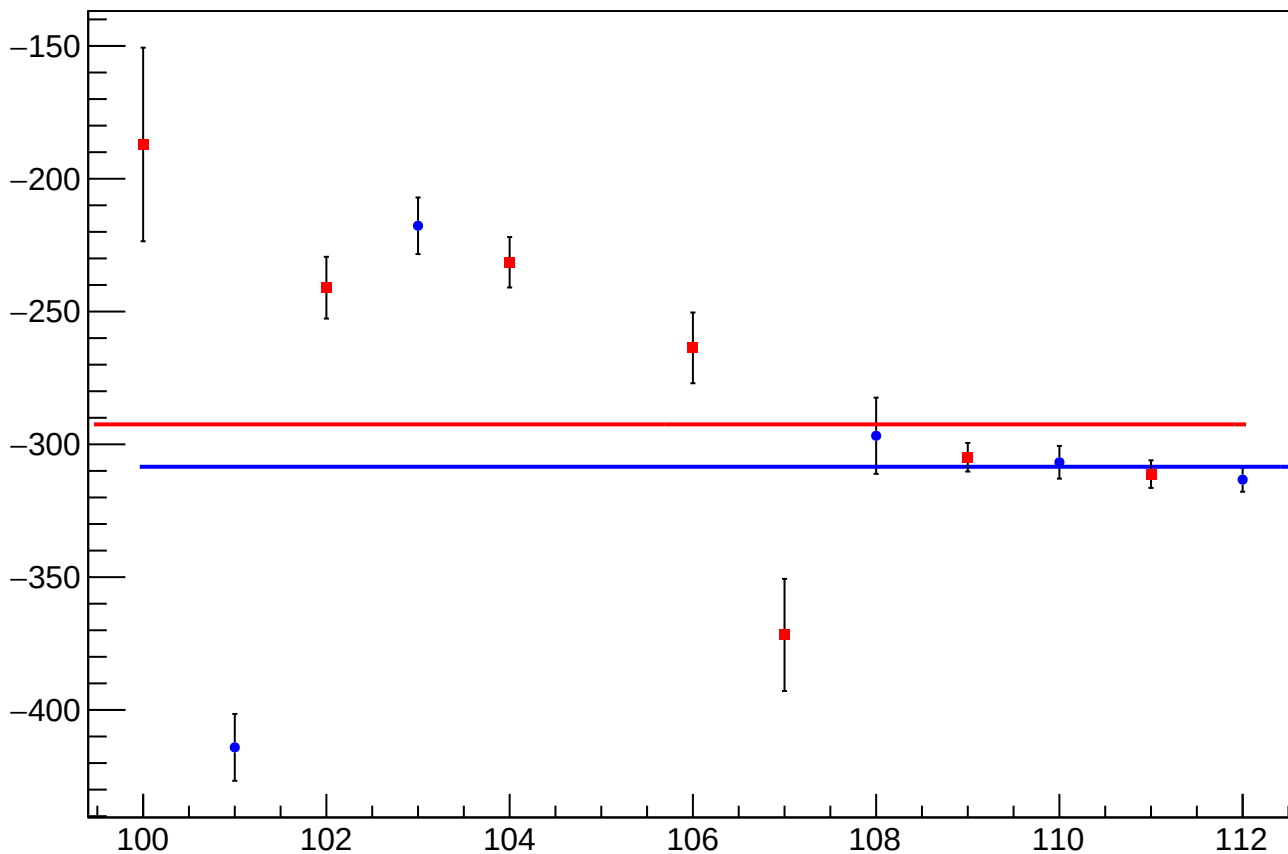
Right: 20.924+/-0.086 χ^2/NDF : 764057.6/11

In: 26.707+/-0.120 χ^2/NDF : 391709.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.924+/-0.086 χ^2/NDF : 764057.6/11

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -308.446+/-3.251 χ^2 /NDF: 144.9/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -292.487+/-3.182 χ^2 /NDF: 106.4/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

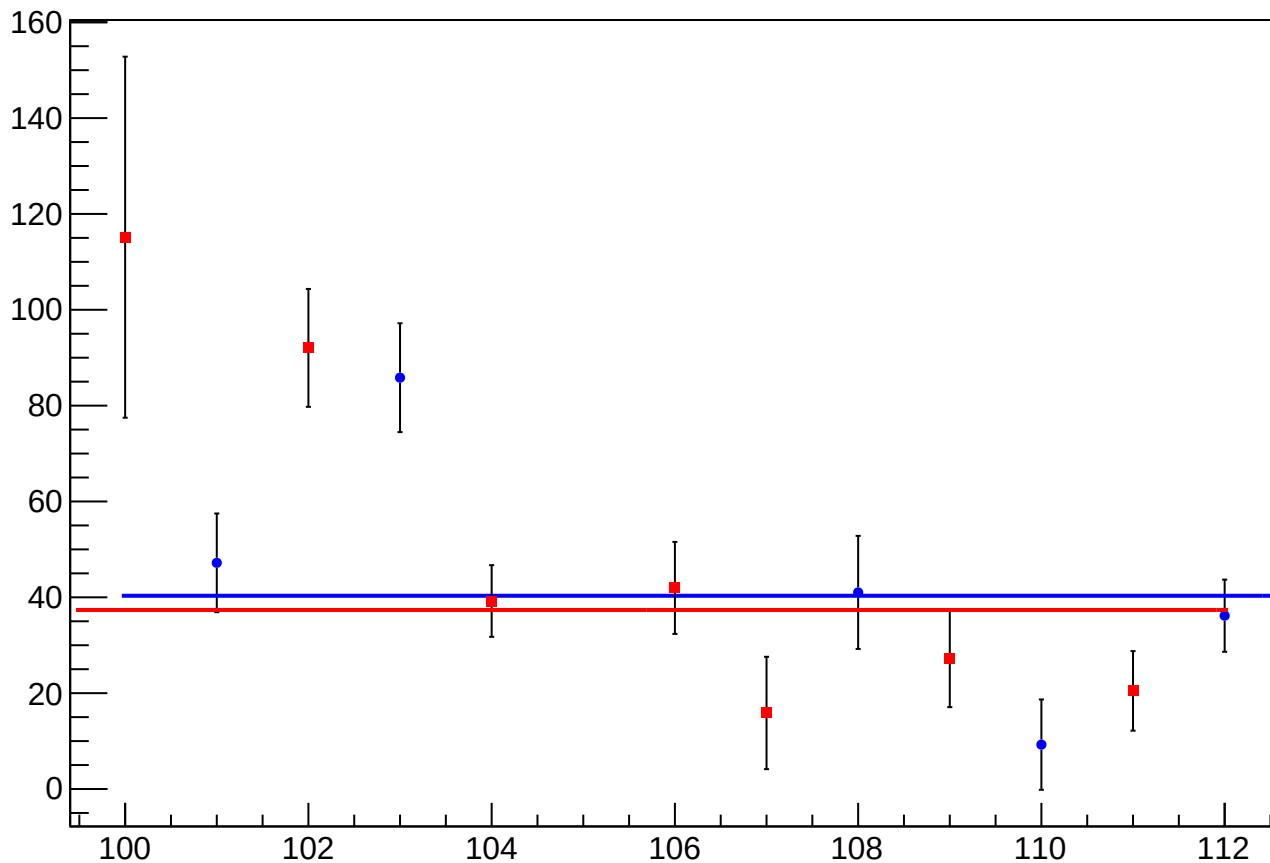
Right: -300.294+/-2.274 χ^2 /NDF: 263.6/11

In: -308.446+/-3.251 χ^2 /NDF:144.9/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -300.294+/-2.274 χ^2 /NDF: 263.6/11

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 40.325+/-4.333 χ^2/NDF : 27.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.358+/-3.848 χ^2/NDF : 32.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

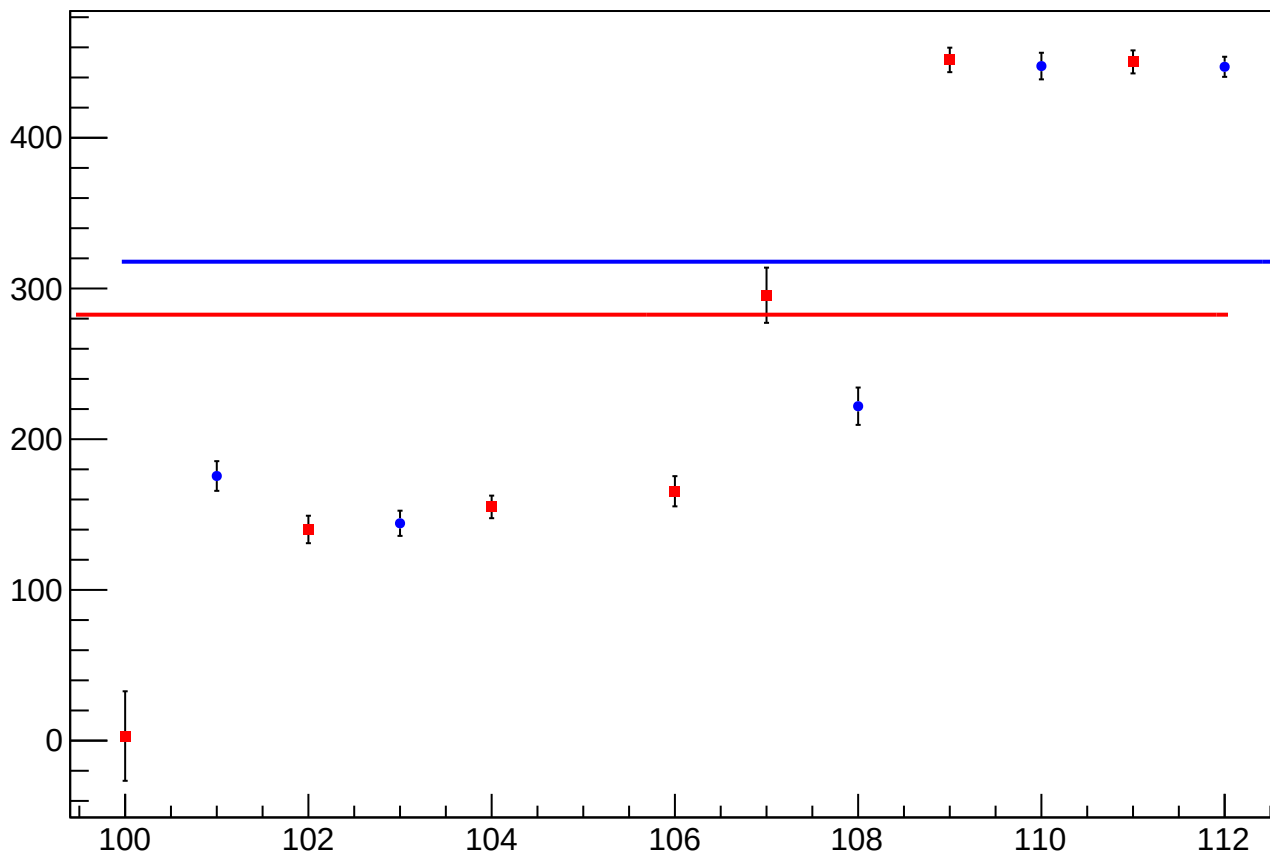
Right: 38.666+/-2.877 χ^2/NDF : 60.8/11

In: 40.325+/-4.333 χ^2/NDF : 27.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.666+/-2.877 χ^2/NDF : 60.8/11

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 317.777+/-3.879 χ^2/NDF : 1291.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 282.625+/-3.622 χ^2/NDF : 1675.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

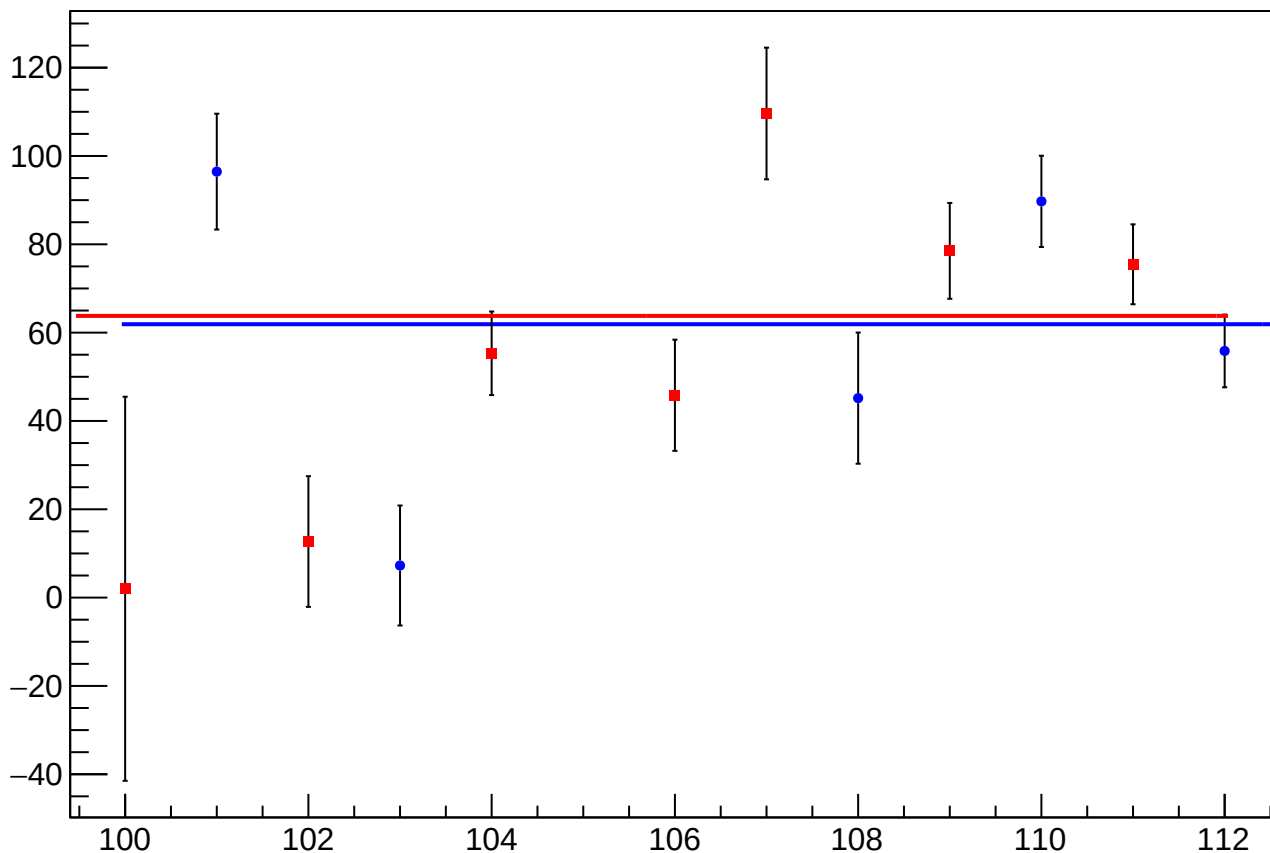
Right: 298.998+/-2.647 χ^2/NDF : 3011.2/11

In: 317.777+/-3.879 χ^2/NDF : 1291.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 298.998+/-2.647 χ^2/NDF : 3011.2/11

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 61.906 $\pm$ 5.007 χ^2 /NDF: 32.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 63.791 $\pm$ 4.575 χ^2 /NDF: 29.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

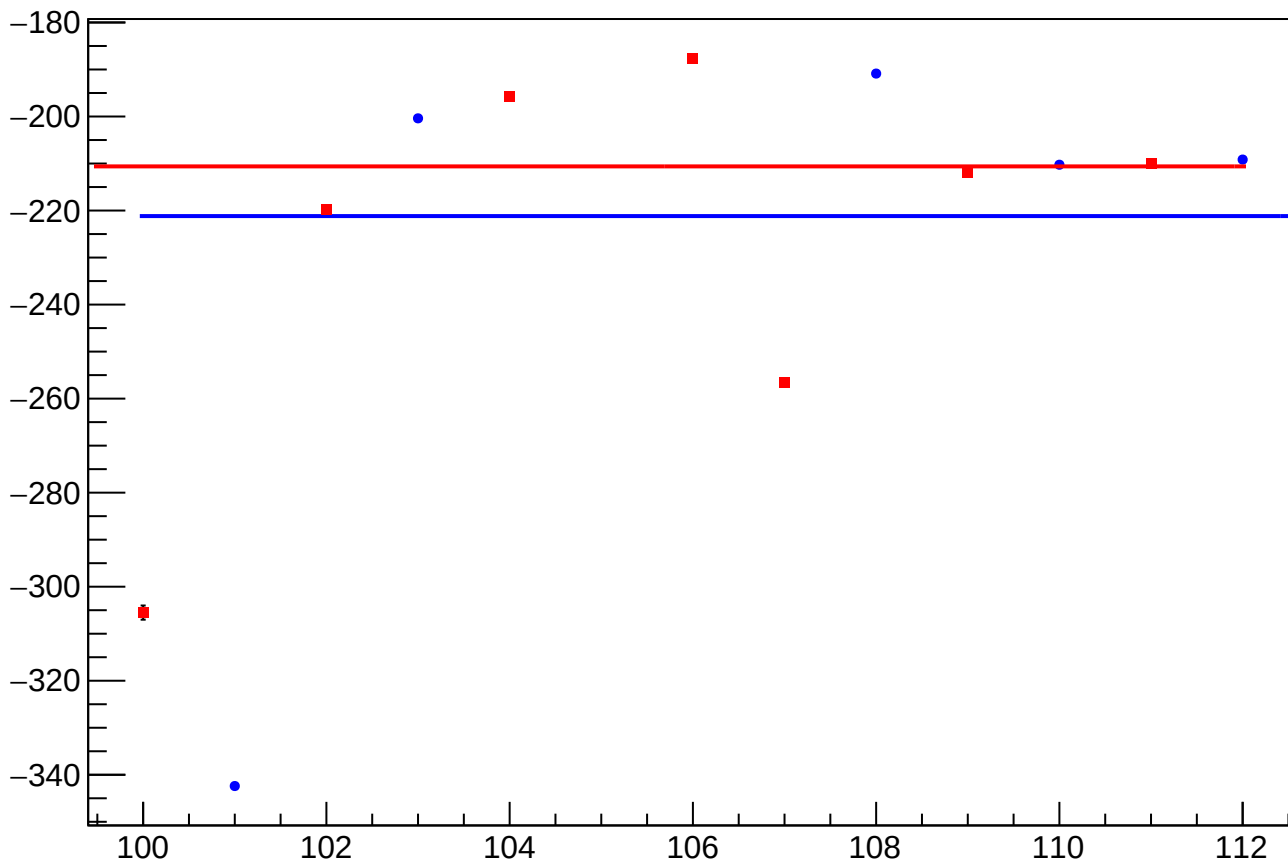
Right: 62.933 $\pm$ 3.377 χ^2 /NDF: 62.0/11

In: 61.906 $\pm$ 5.007 χ^2 /NDF: 32.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 62.933 $\pm$ 3.377 χ^2 /NDF: 62.0/11

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -221.177+/-0.221 χ^2 /NDF: 50257.0/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -210.609+/-0.199 χ^2 /NDF: 11702.3/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

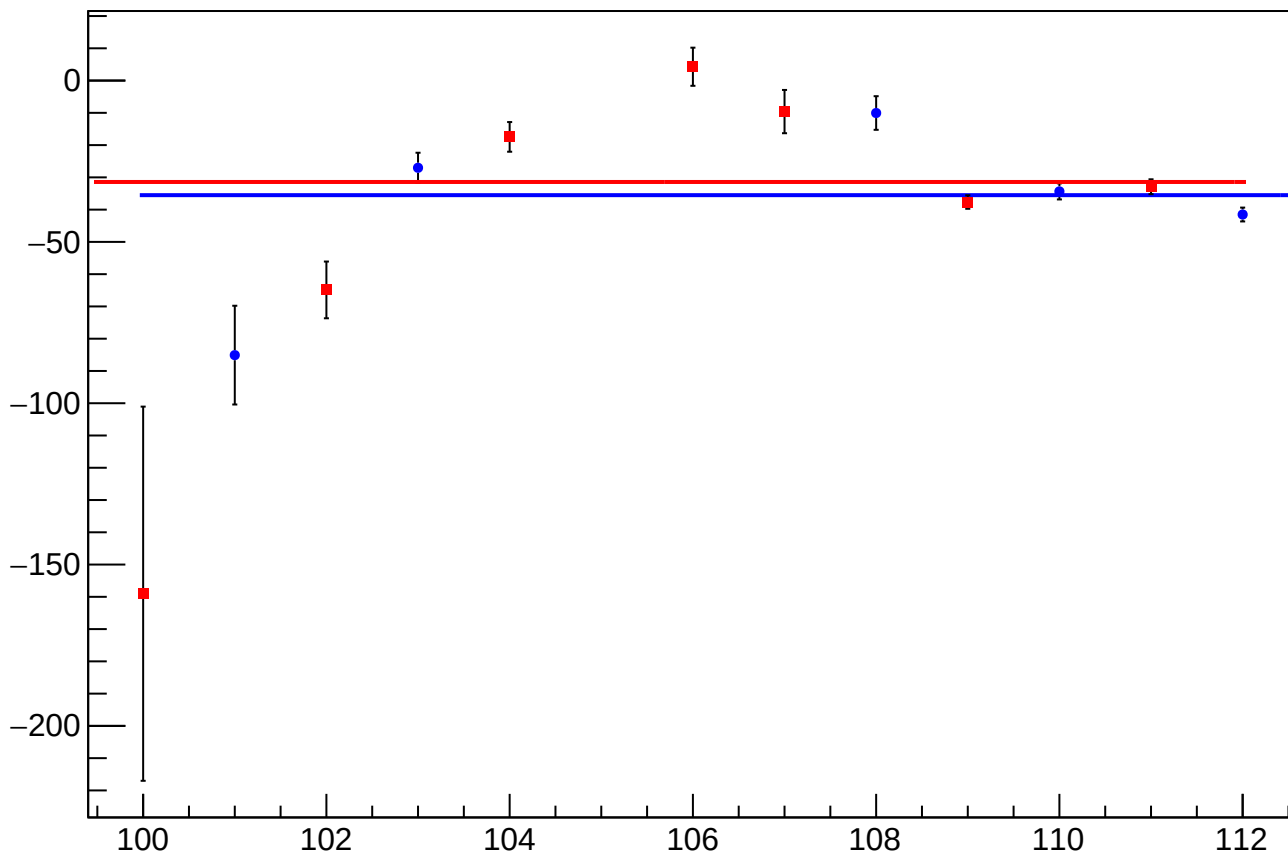
Right: -215.338+/-0.148 χ^2 /NDF: 63218.0/11

In: -221.177+/-0.221 χ^2 /NDF:50257.0/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -215.338+/-0.148 χ^2 /NDF: 63218.0/11

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -35.513 ± 1.466 $\chi^2/\text{NDF}: 45.7/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -31.427 ± 1.375 $\chi^2/\text{NDF}: 84.9/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

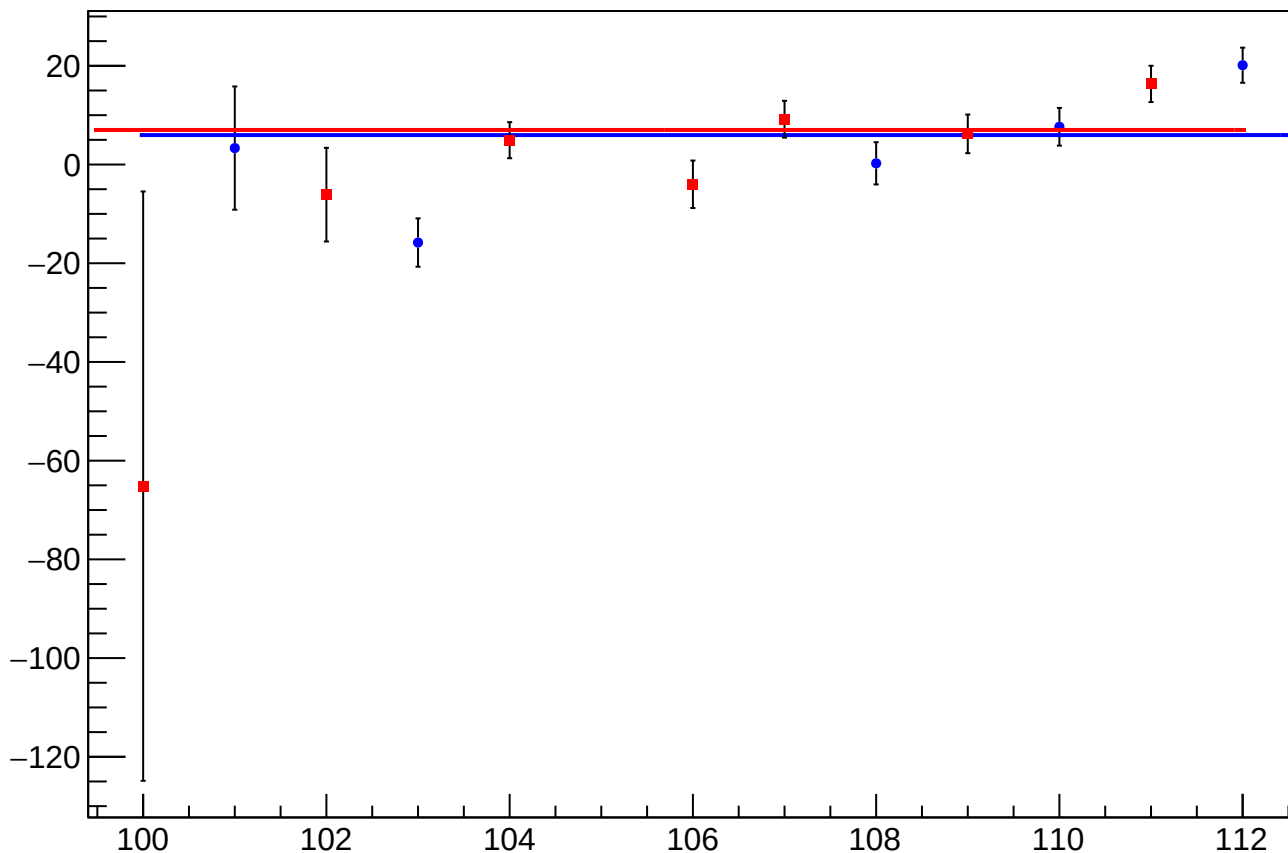
Right: -33.340 ± 1.003 $\chi^2/\text{NDF}: 134.7/11$

In: -35.513 ± 1.466 $\chi^2/\text{NDF}: 45.7/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -33.340 ± 1.003 $\chi^2/\text{NDF}: 134.7/11$

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.969+/-1.998 χ^2/NDF : 37.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.003+/-1.713 χ^2/NDF : 15.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

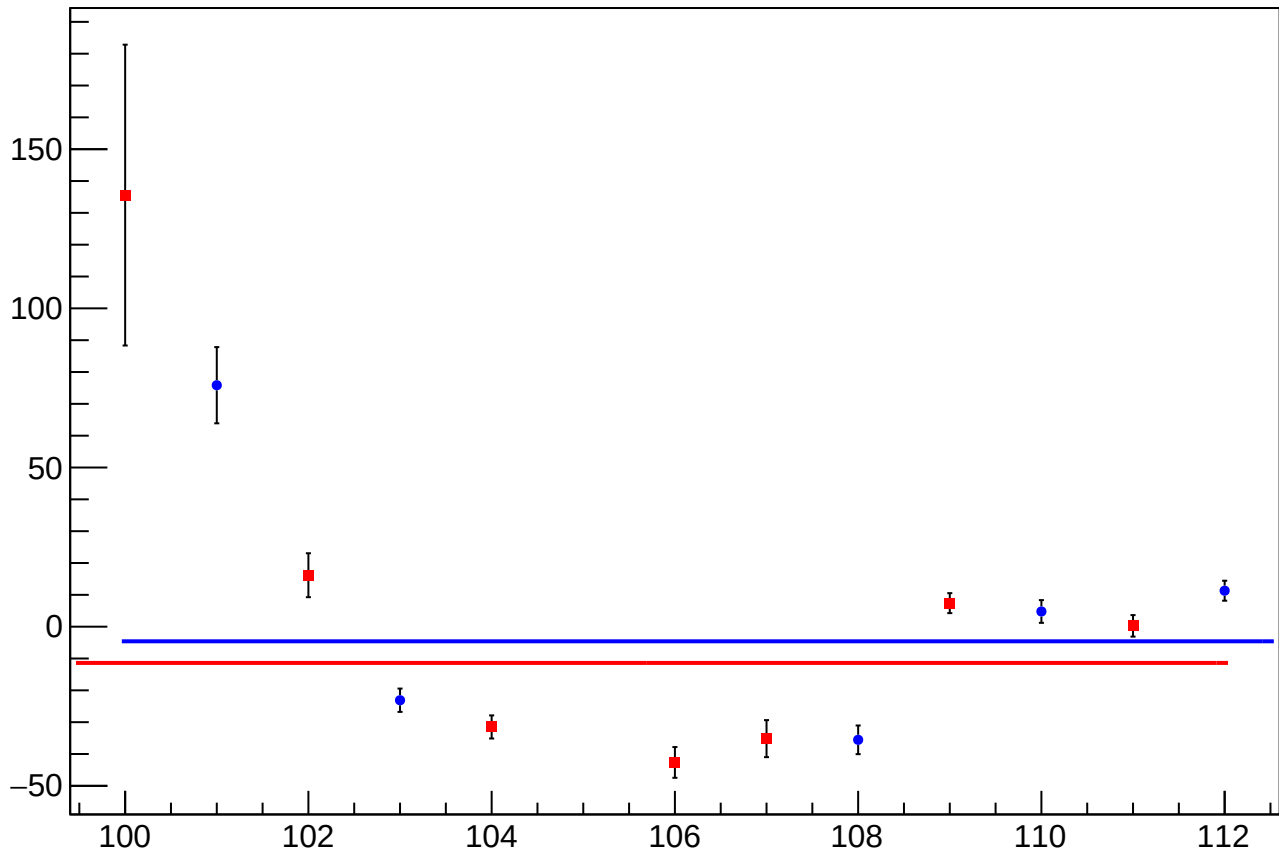
Right: 6.565+/-1.301 χ^2/NDF : 53.5/11

In: 5.969+/-1.998 χ^2/NDF : 37.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.565+/-1.301 χ^2/NDF : 53.5/11

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.596+/-1.794 χ^2/NDF : 150.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.386+/-1.670 χ^2/NDF : 162.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

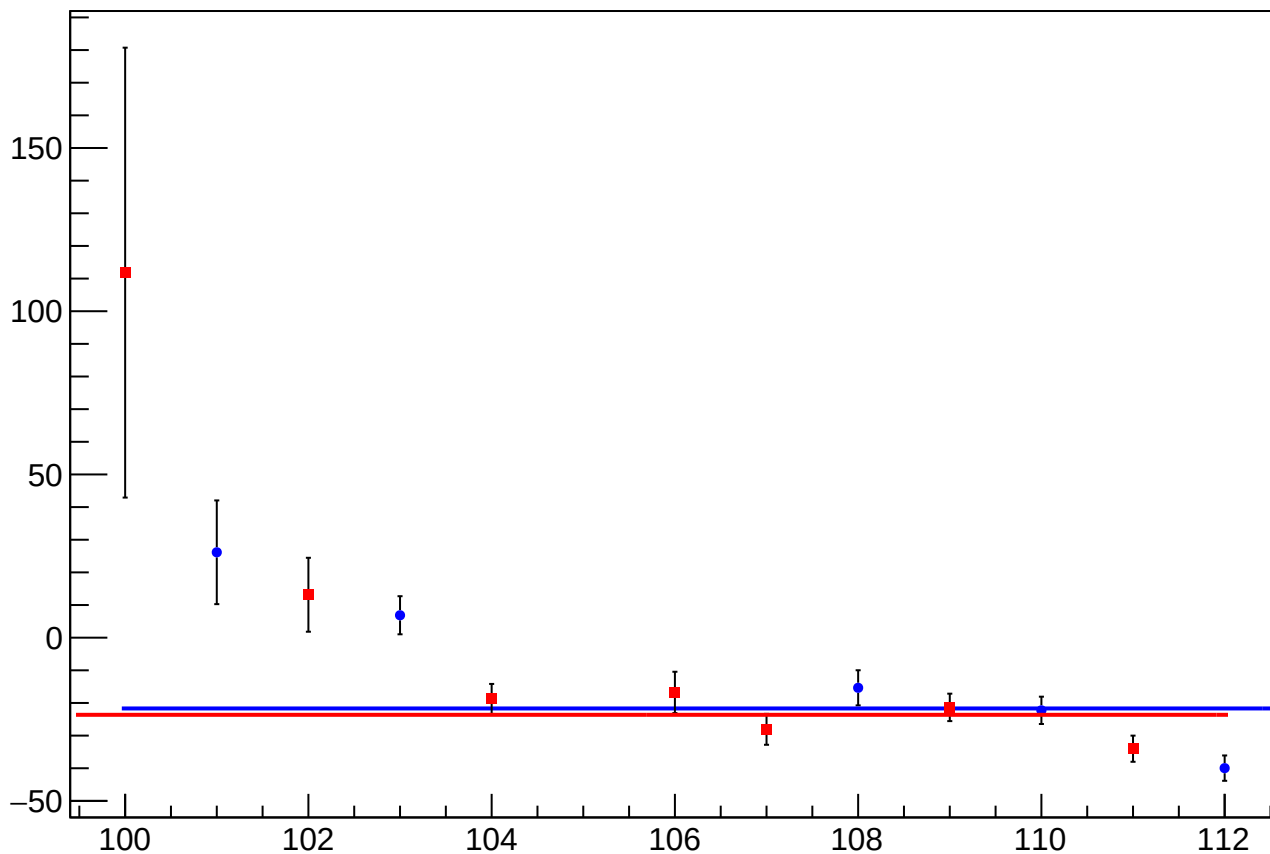
Right: -8.235+/-1.222 χ^2/NDF : 320.8/11

In: -4.596+/-1.794 χ^2/NDF : 150.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.235+/-1.222 χ^2/NDF : 320.8/11

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -21.685 $\pm$ 2.286 χ^2 /NDF: 56.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -23.630 $\pm$ 2.025 χ^2 /NDF: 24.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

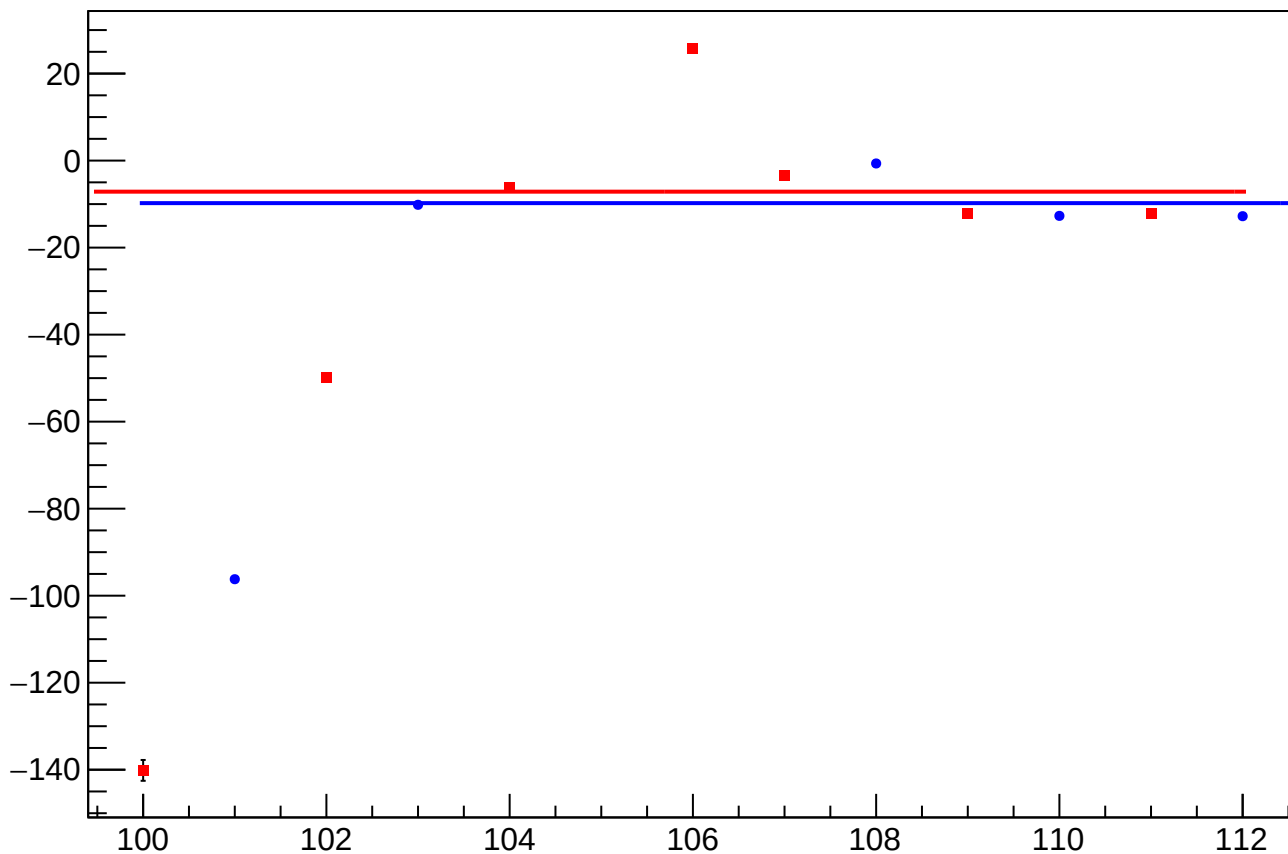
Right: -22.774 $\pm$ 1.516 χ^2 /NDF: 81.6/11

In: -21.685 $\pm$ 2.286 χ^2 /NDF:56.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -22.774 $\pm$ 1.516 χ^2 /NDF: 81.6/11

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -9.777+/-0.099 χ^2/NDF : 17616.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.141+/-0.093 χ^2/NDF : 45395.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

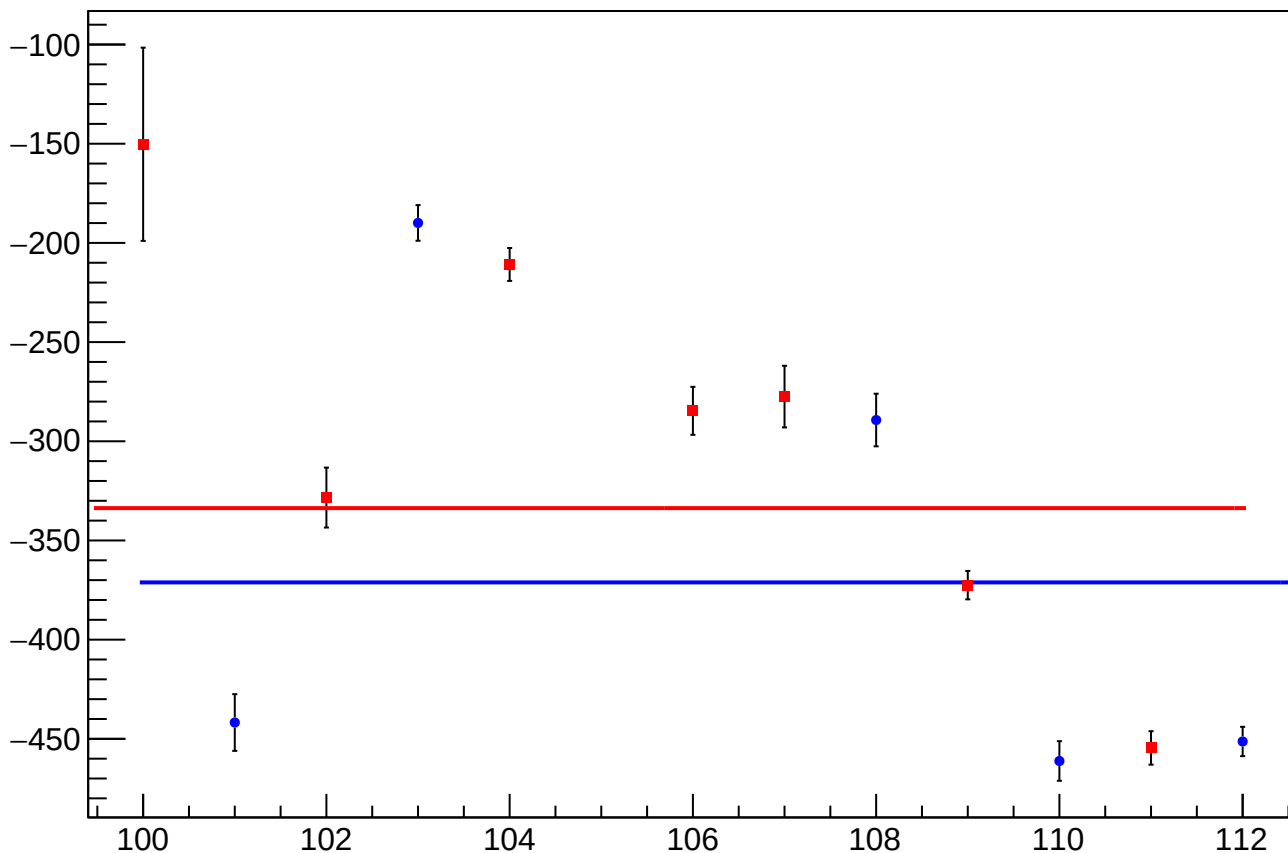
Right: -8.377+/-0.068 χ^2/NDF : 63390.9/11

In: -9.777+/-0.099 χ^2/NDF : 17616.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.377+/-0.068 χ^2/NDF : 63390.9/11

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -371.144+/-4.415 χ^2/NDF : 668.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -333.696+/-3.957 χ^2/NDF : 497.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

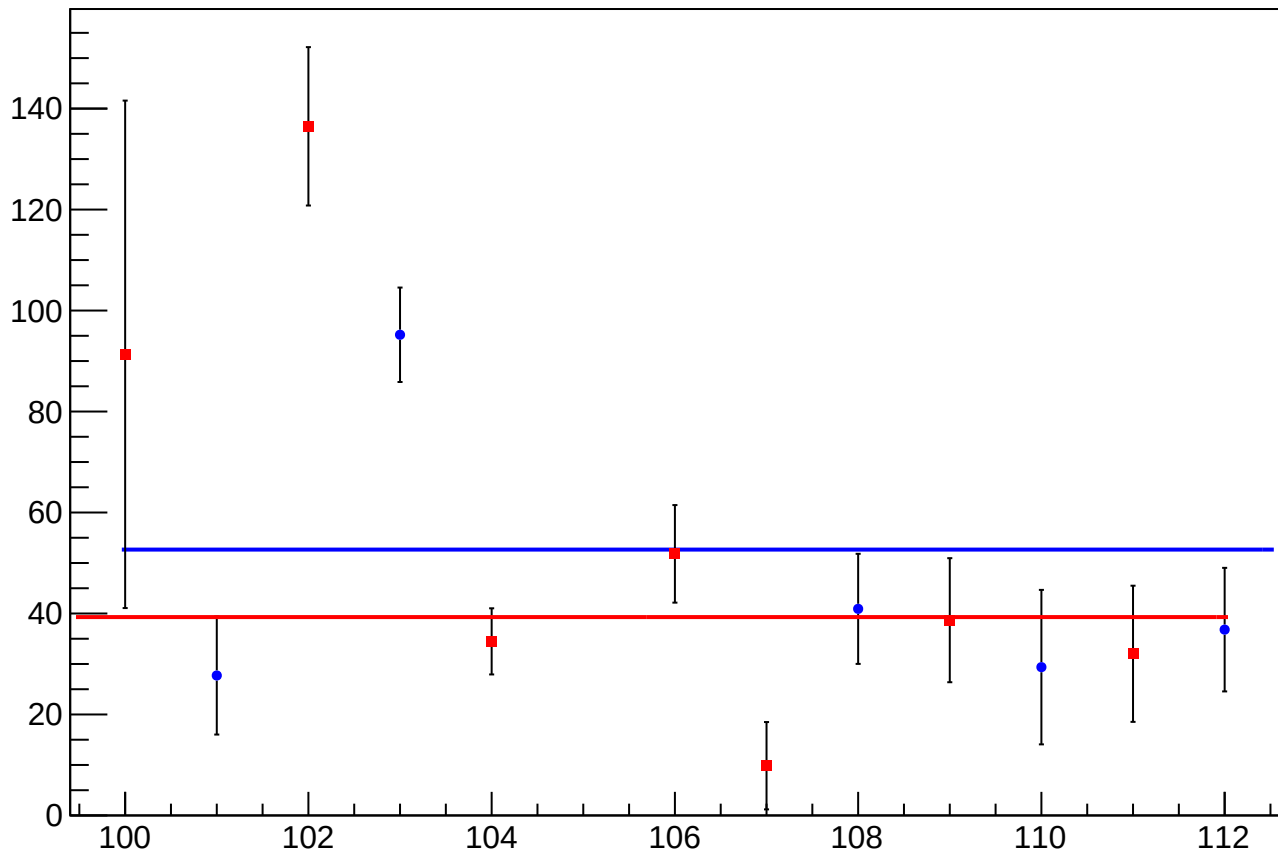
Right: -350.375+/-2.947 χ^2/NDF : 1206.2/11

In: -371.144+/-4.415 χ^2/NDF : 668.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -350.375+/-2.947 χ^2/NDF : 1206.2/11

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.657+/-5.123 χ^2/NDF : 30.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.290+/-3.954 χ^2/NDF : 53.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

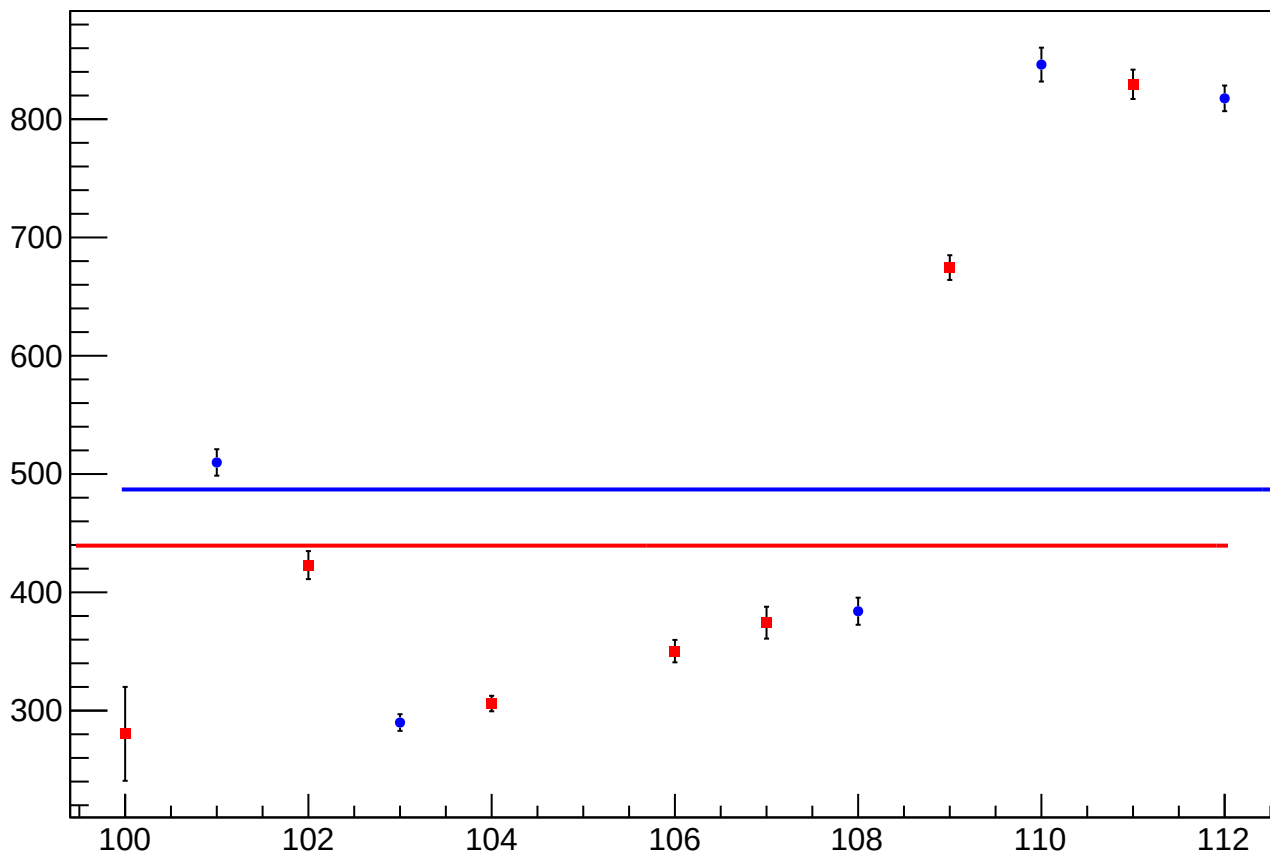
Right: 44.280+/-3.130 χ^2/NDF : 88.2/11

In: 52.657+/-5.123 χ^2/NDF : 30.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.280+/-3.130 χ^2/NDF : 88.2/11

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 486.955+/-4.510 χ^2/NDF : 2428.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 439.480+/-3.971 χ^2/NDF : 2040.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

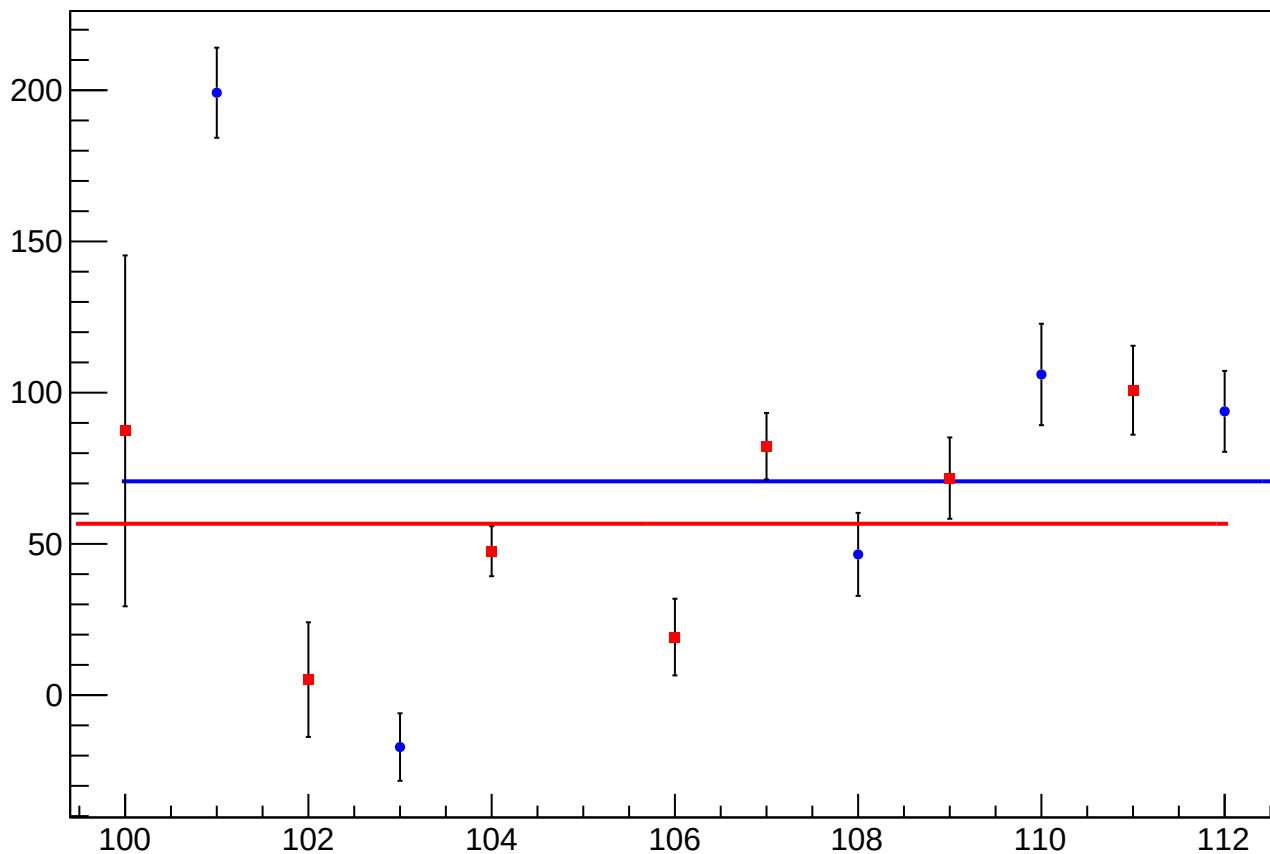
Right: 460.215+/-2.980 χ^2/NDF : 4531.7/11

In: 486.955+/-4.510 χ^2/NDF : 2428.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 460.215+/-2.980 χ^2/NDF : 4531.7/11

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.688+/-6.086 χ^2/NDF : 146.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.661+/-4.862 χ^2/NDF : 33.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

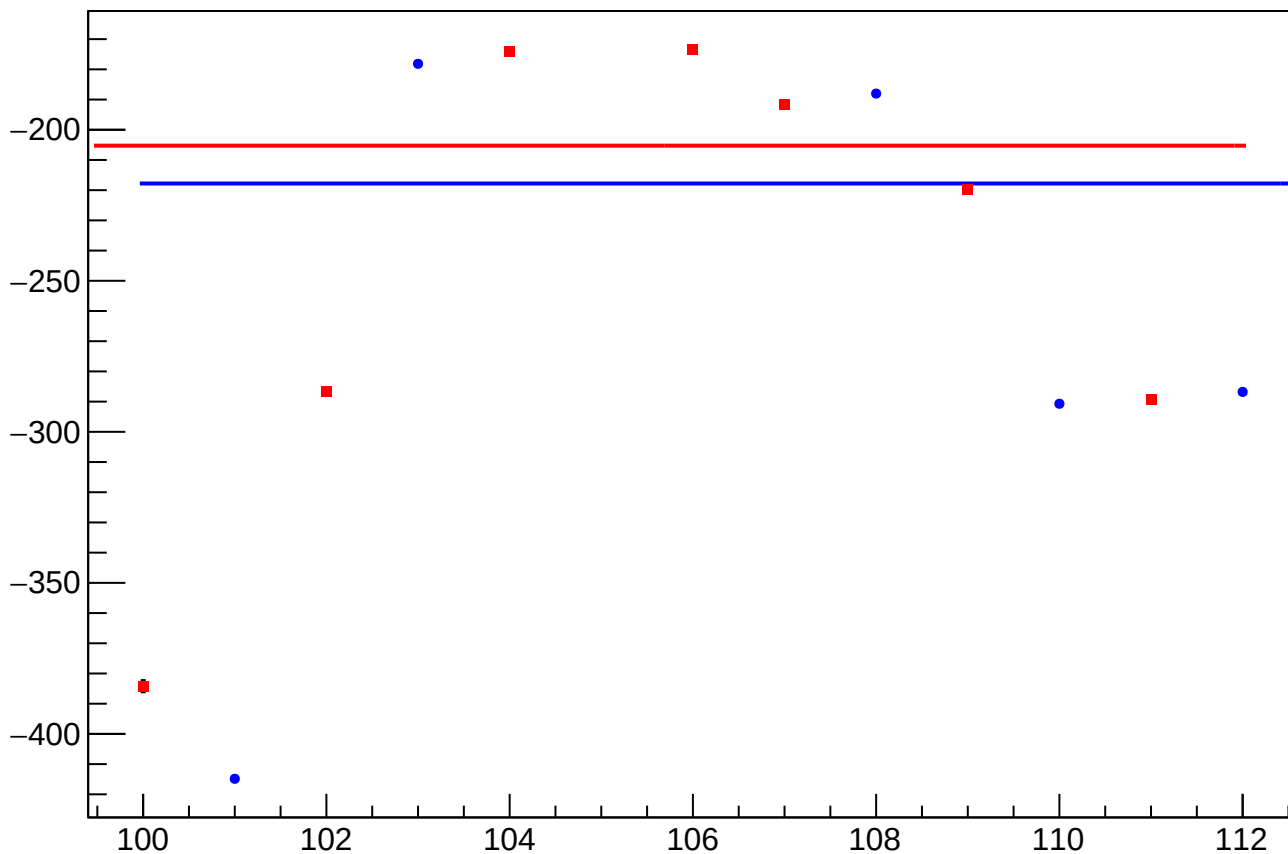
Right: 62.126+/-3.799 χ^2/NDF : 183.5/11

In: 70.688+/-6.086 χ^2/NDF : 146.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.126+/-3.799 χ^2/NDF : 183.5/11

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -217.786+/-0.222 χ^2/NDF : 119645.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -205.263+/-0.203 χ^2/NDF : 55250.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

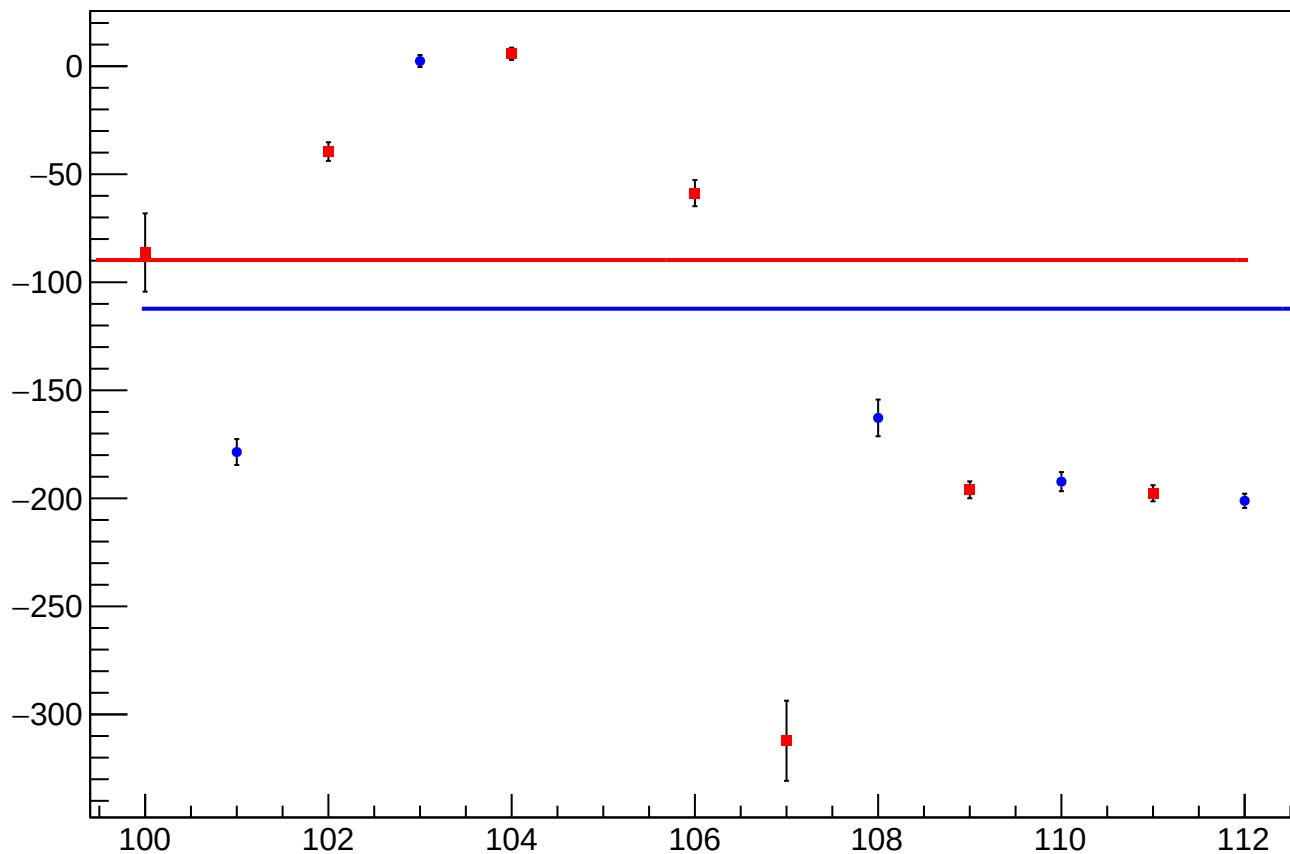
Right: -210.987+/-0.150 χ^2/NDF : 176629.8/11

In: -217.786+/-0.222 χ^2/NDF : 119645.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -210.987+/-0.150 χ^2/NDF : 176629.8/11

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -112.247+/-1.783 χ^2/NDF : 2915.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -89.711+/-1.694 χ^2/NDF : 3014.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

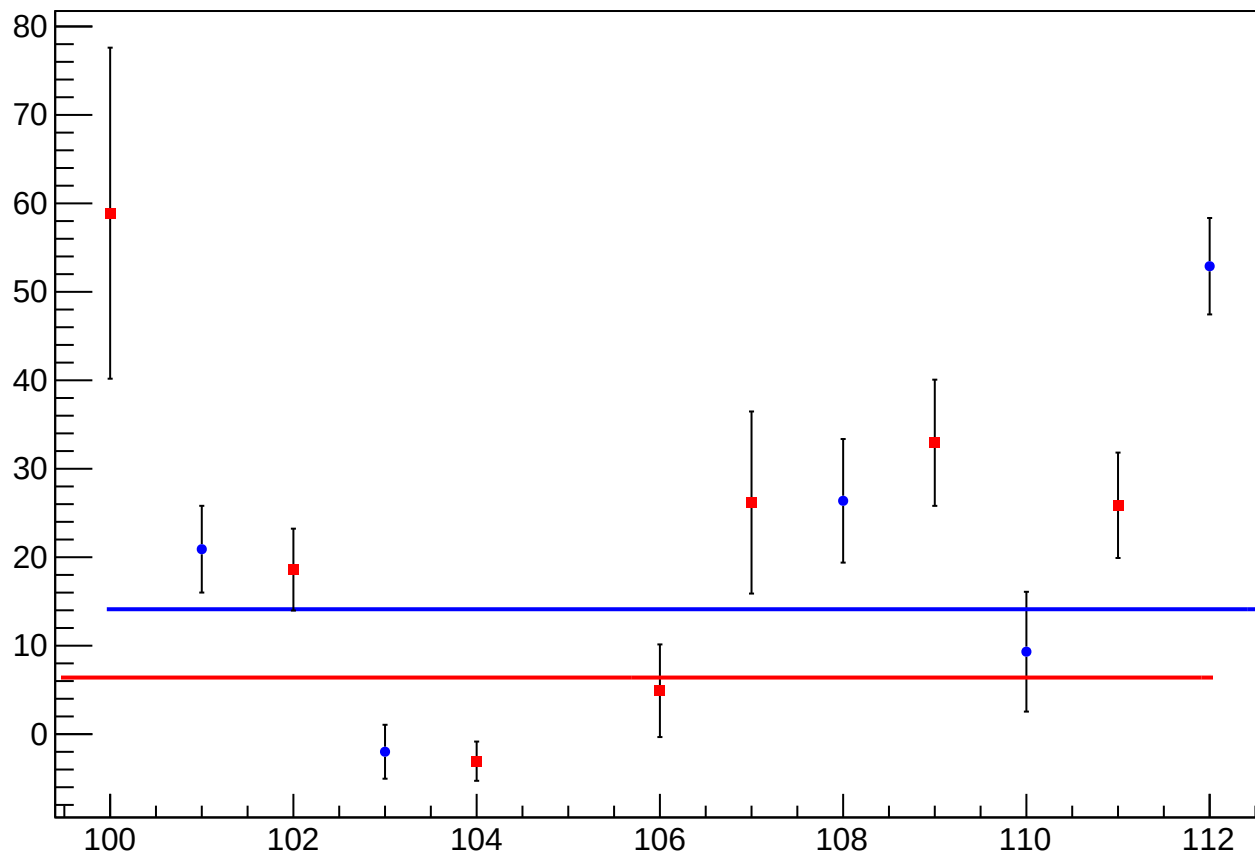
Right: -100.405+/-1.228 χ^2/NDF : 6013.5/11

In: -112.247+/-1.783 χ^2/NDF : 2915.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -100.405+/-1.228 χ^2/NDF : 6013.5/11

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.120+/-2.107 χ^2/NDF : 84.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.398+/-1.699 χ^2/NDF : 61.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

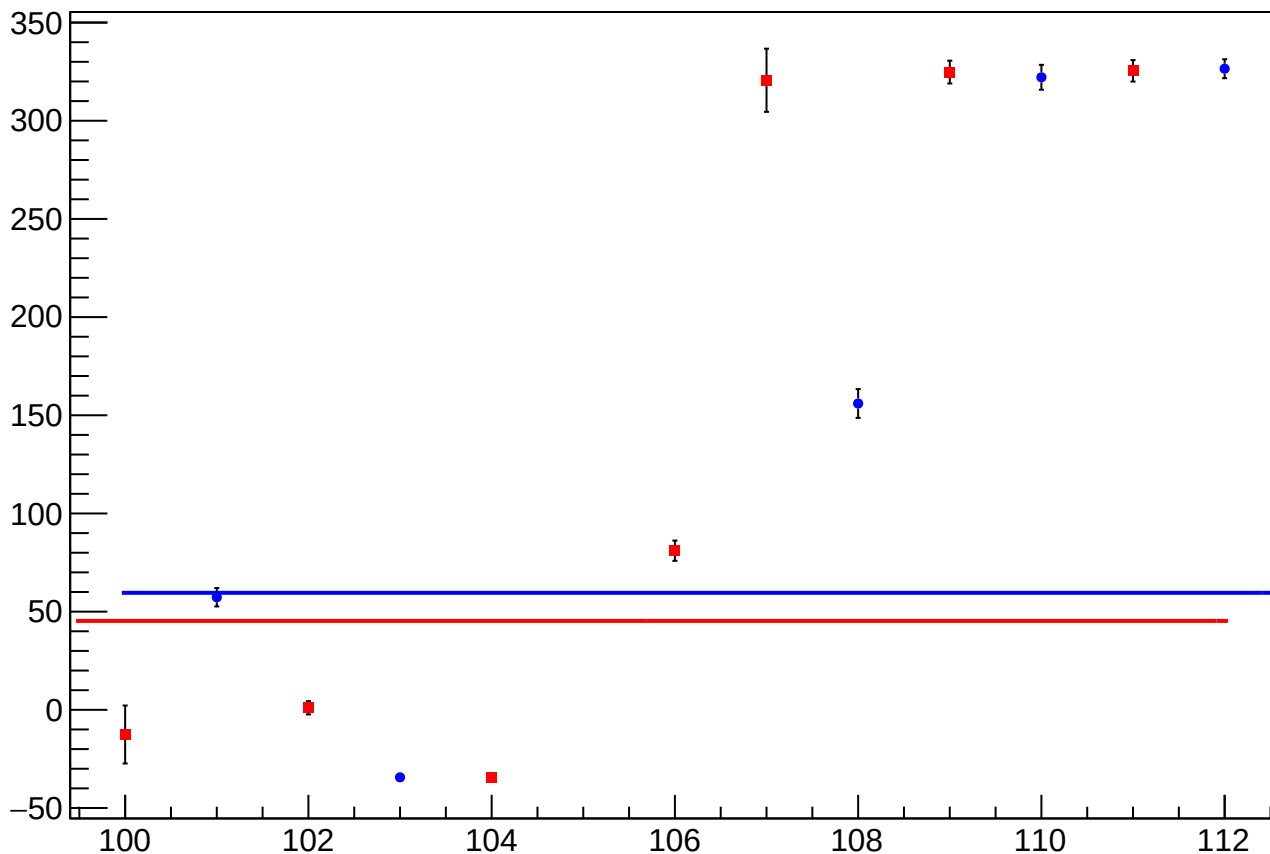
Right: 9.439+/-1.322 χ^2/NDF : 153.5/11

In: 14.120+/-2.107 χ^2/NDF : 84.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.439+/-1.322 χ^2/NDF : 153.5/11

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 59.595 ± 1.711 $\chi^2/\text{NDF}: 6804.3/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 45.278 ± 1.591 $\chi^2/\text{NDF}: 6715.5/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

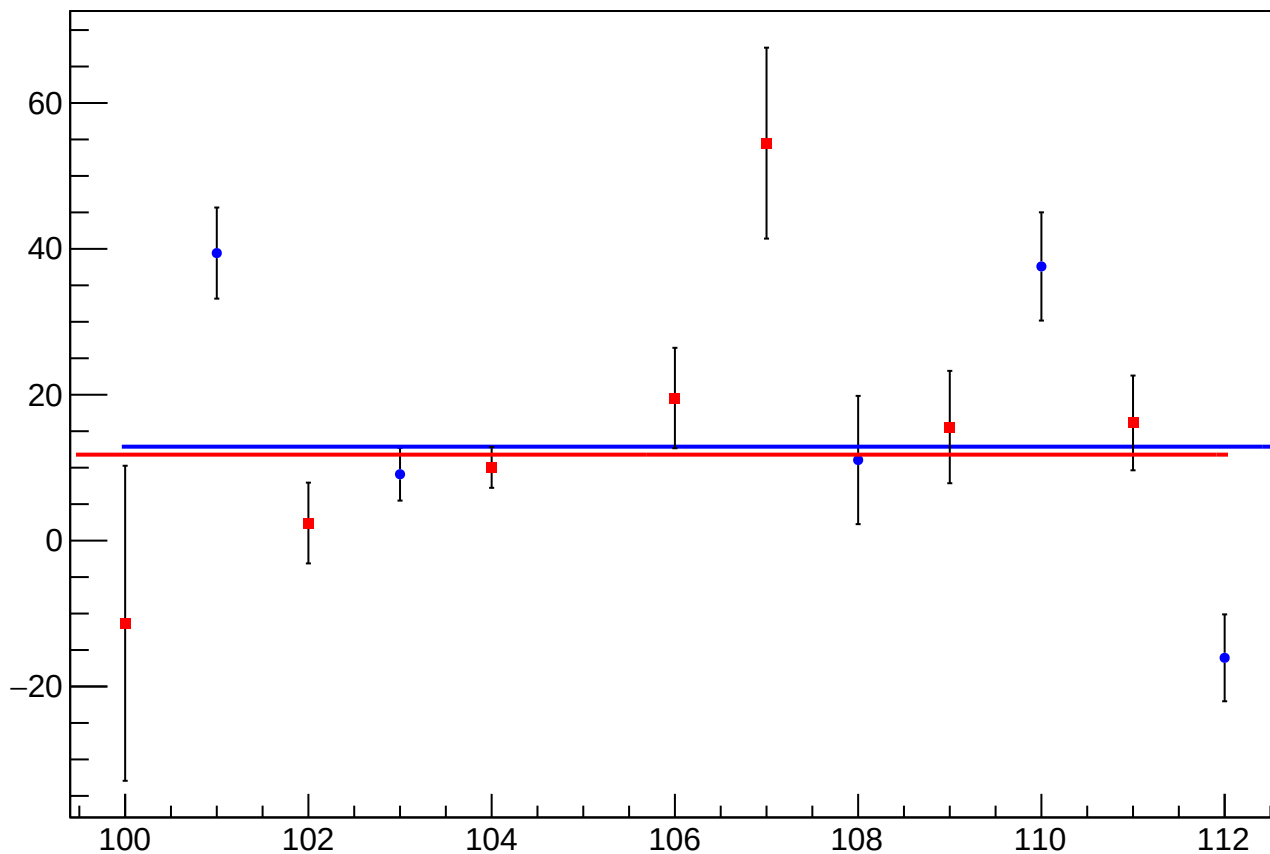
Right: 51.916 ± 1.165 $\chi^2/\text{NDF}: 13557.4/11$

In: 59.595 ± 1.711 $\chi^2/\text{NDF}: 6804.3/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 51.916 ± 1.165 $\chi^2/\text{NDF}: 13557.4/11$

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 12.881+/-2.489 χ^2/NDF : 53.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.787+/-2.084 χ^2/NDF : 17.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

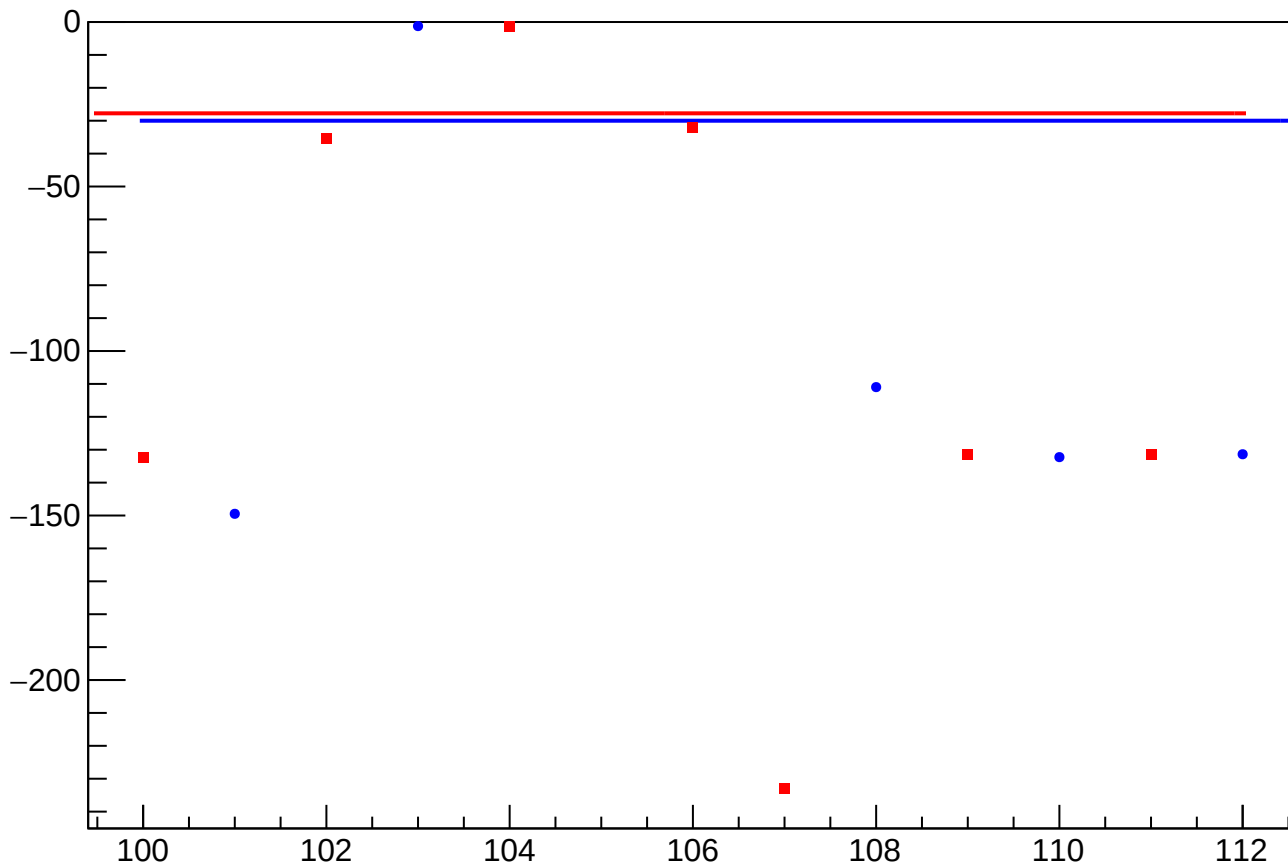
Right: 12.237+/-1.598 χ^2/NDF : 71.0/11

In: 12.881+/-2.489 χ^2/NDF : 53.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.237+/-1.598 χ^2/NDF : 71.0/11

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -30.000+/-0.080 χ^2/NDF : 465085.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -27.753+/-0.075 χ^2/NDF : 306867.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

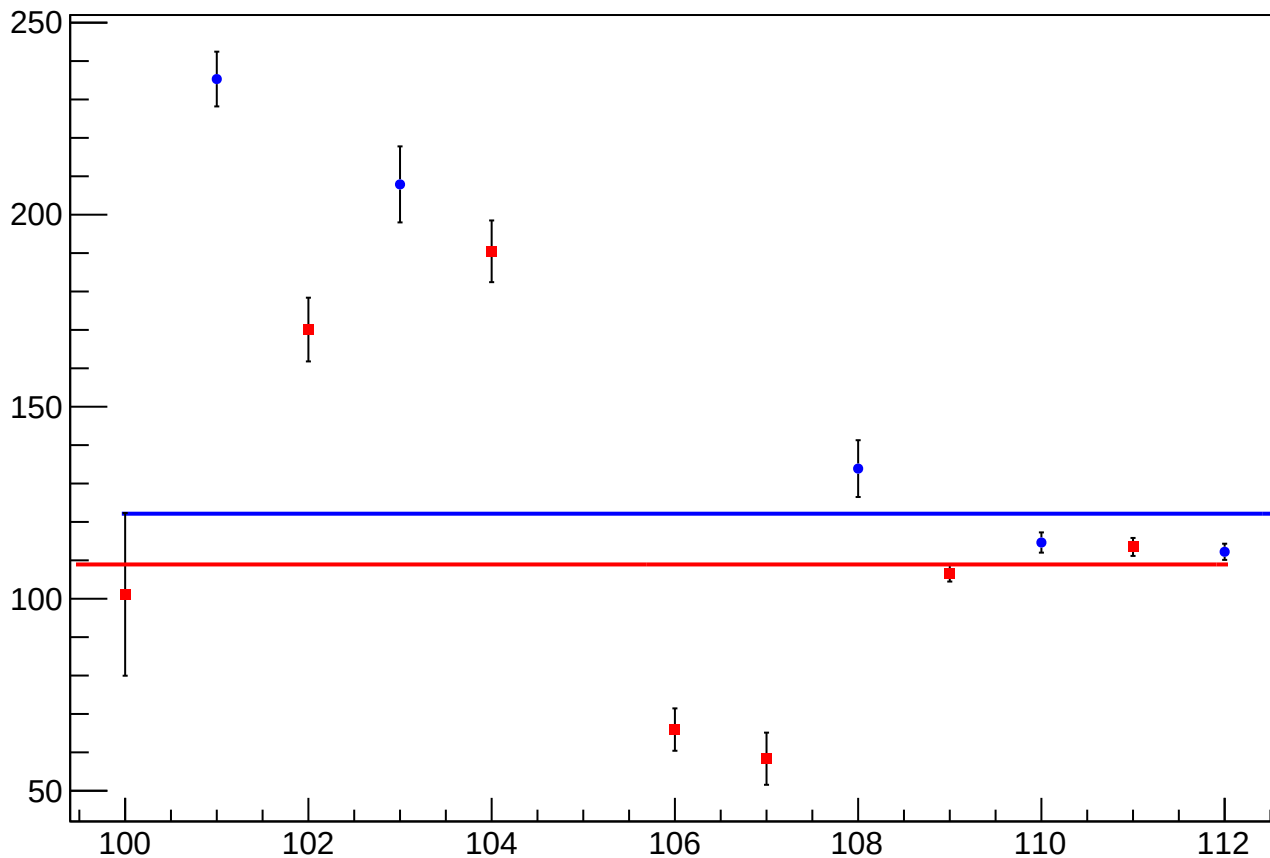
Right: -28.805+/-0.055 χ^2/NDF : 772371.8/11

In: -30.000+/-0.080 χ^2/NDF : 465085.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.805+/-0.055 χ^2/NDF : 772371.8/11

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 122.143+/-1.547 χ^2/NDF : 360.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.927+/-1.451 χ^2/NDF : 278.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

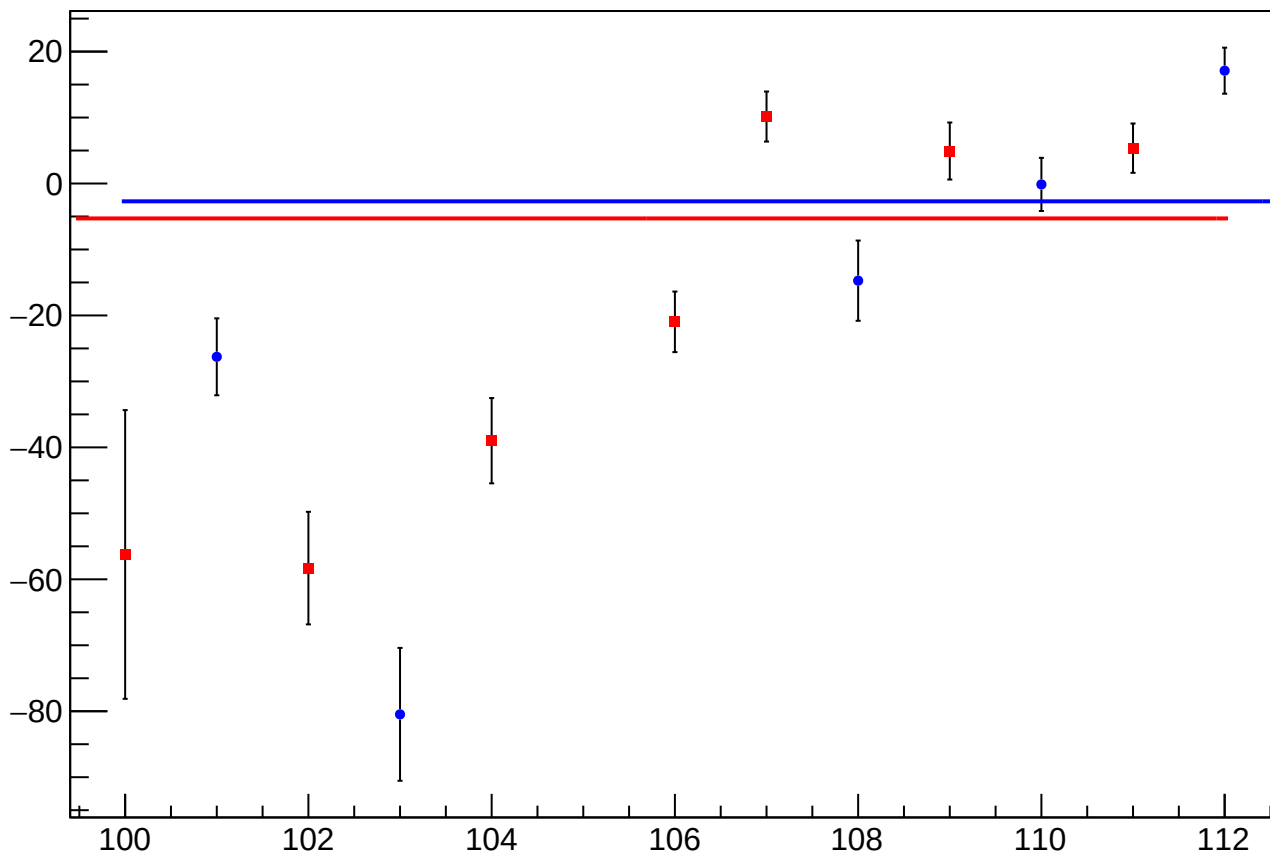
Right: 115.111+/-1.058 χ^2/NDF : 677.3/11

In: 122.143+/-1.547 χ^2/NDF : 360.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.111+/-1.058 χ^2/NDF : 677.3/11

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.700 ± 2.182 $\chi^2/\text{NDF}: 112.5/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -5.294 ± 1.884 $\chi^2/\text{NDF}: 113.1/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

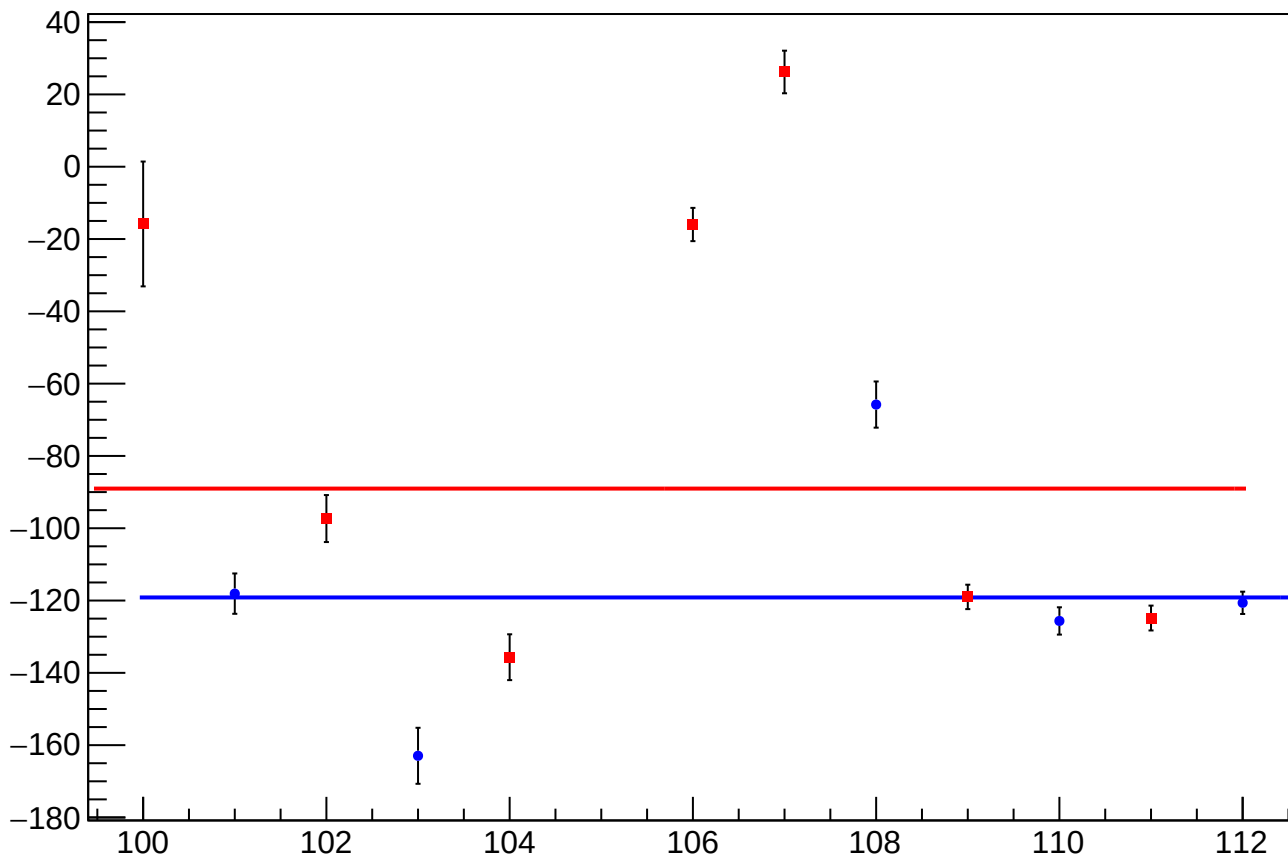
Right: -4.186 ± 1.426 $\chi^2/\text{NDF}: 226.4/11$

In: -2.700 ± 2.182 $\chi^2/\text{NDF}: 112.5/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -4.186 ± 1.426 $\chi^2/\text{NDF}: 226.4/11$

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -119.144+/-2.006 χ^2/NDF : 105.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -89.032+/-1.825 χ^2/NDF : 895.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

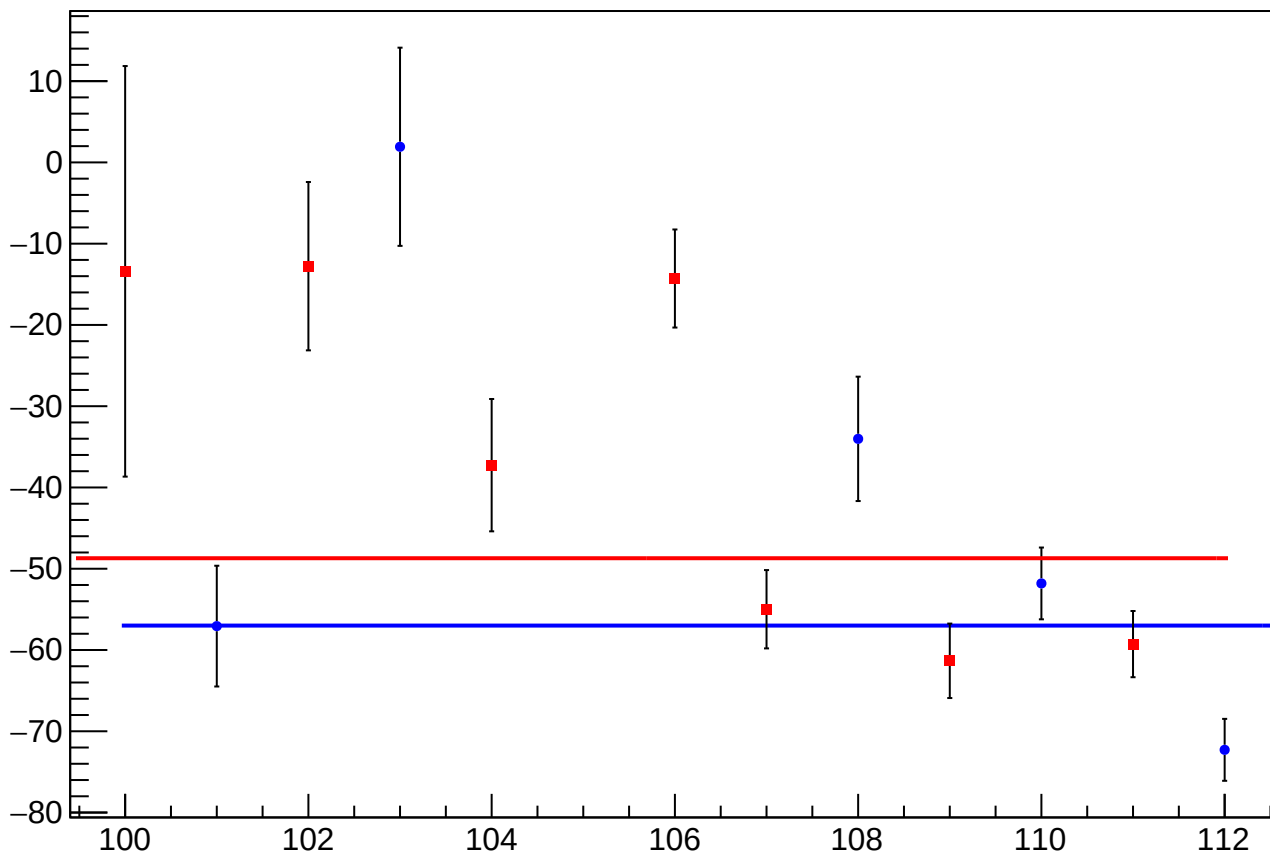
Right: -102.667+/-1.350 χ^2/NDF : 1123.9/11

In: -119.144+/-2.006 χ^2/NDF : 105.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -102.667+/-1.350 χ^2/NDF : 1123.9/11

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -56.995 $\pm$ 2.484 χ^2 /NDF: 49.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -48.707 $\pm$ 2.212 χ^2 /NDF: 64.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

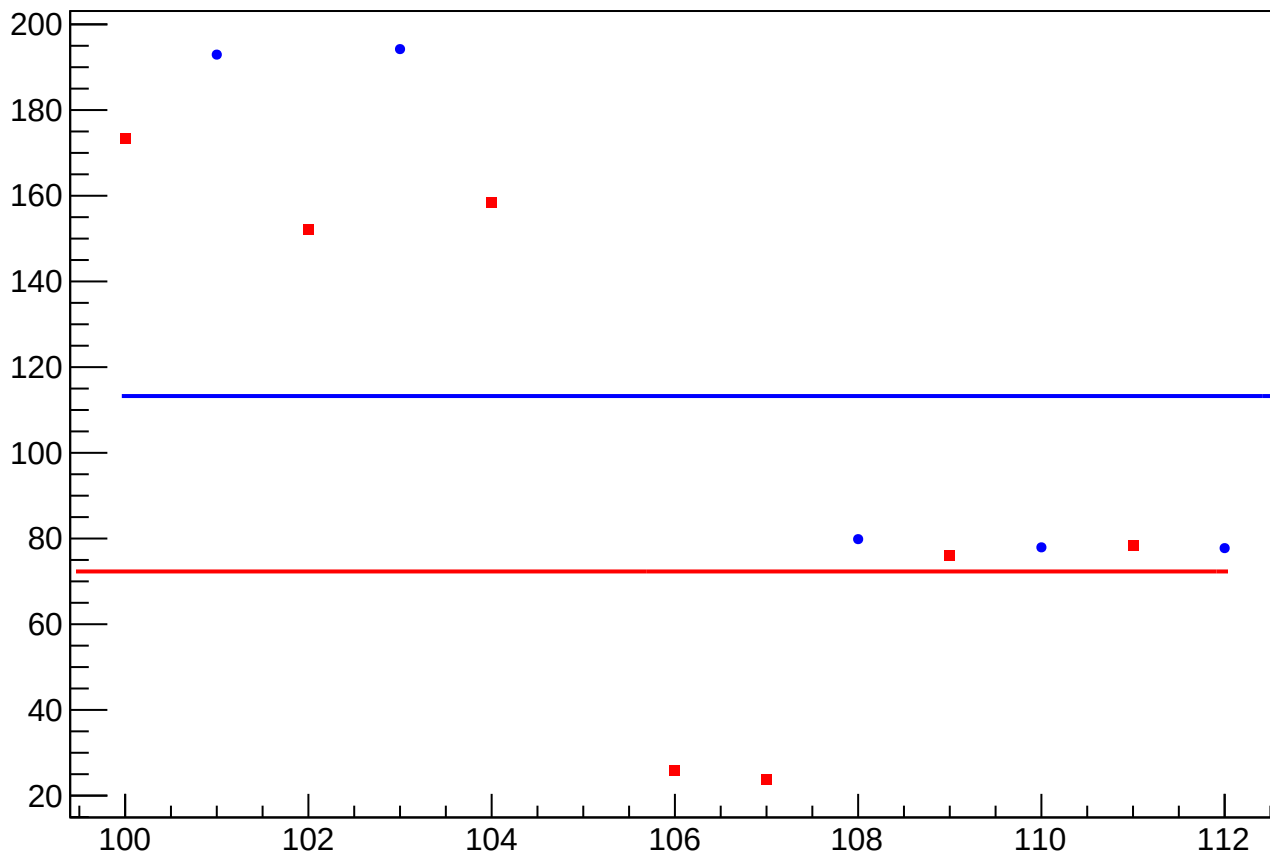
Right: -52.373 $\pm$ 1.652 χ^2 /NDF: 120.6/11

In: -56.995 $\pm$ 2.484 χ^2 /NDF: 49.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -52.373 $\pm$ 1.652 χ^2 /NDF: 120.6/11

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 113.254+/-0.129 χ^2/NDF : 167502.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.314+/-0.100 χ^2/NDF : 272406.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

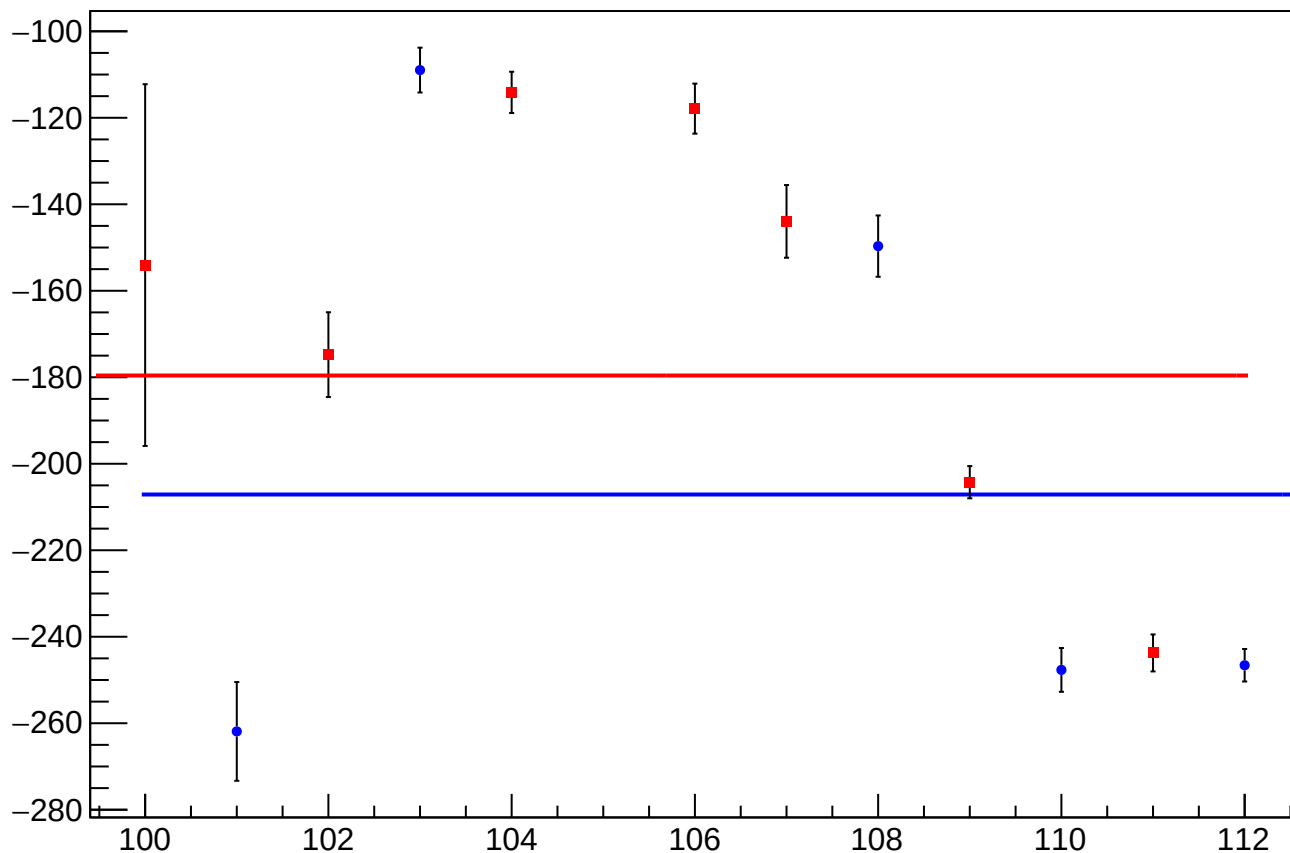
Right: 87.767+/-0.079 χ^2/NDF : 502556.2/11

In: 113.254+/-0.129 χ^2/NDF : 167502.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.767+/-0.079 χ^2/NDF : 502556.2/11

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -207.109+/-2.393 χ^2/NDF : 621.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -179.594+/-2.105 χ^2/NDF : 589.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

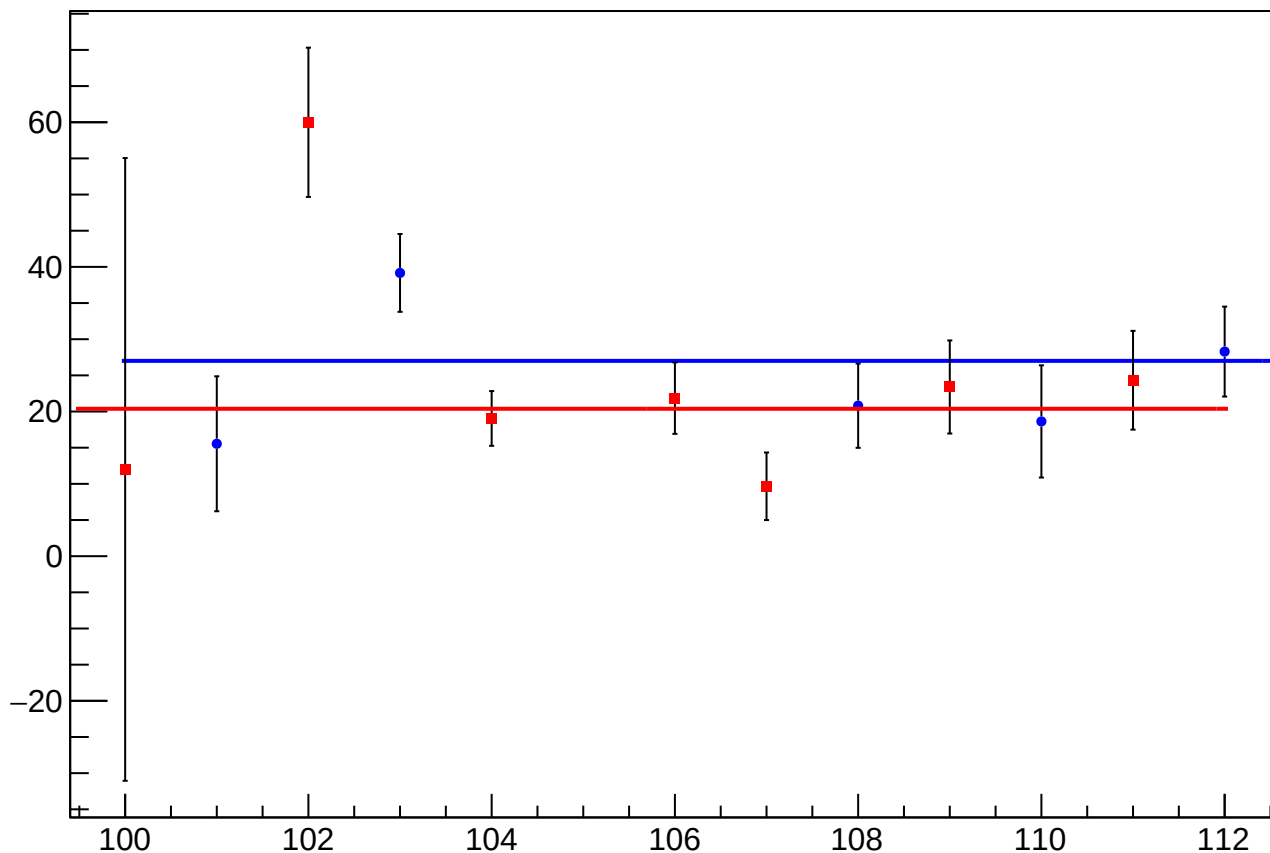
Right: -191.595+/-1.580 χ^2/NDF : 1286.2/11

In: -207.109+/-2.393 χ^2/NDF : 621.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -191.595+/-1.580 χ^2/NDF : 1286.2/11

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 27.006+/-2.912 χ^2/NDF : 9.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.382+/-2.171 χ^2/NDF : 20.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

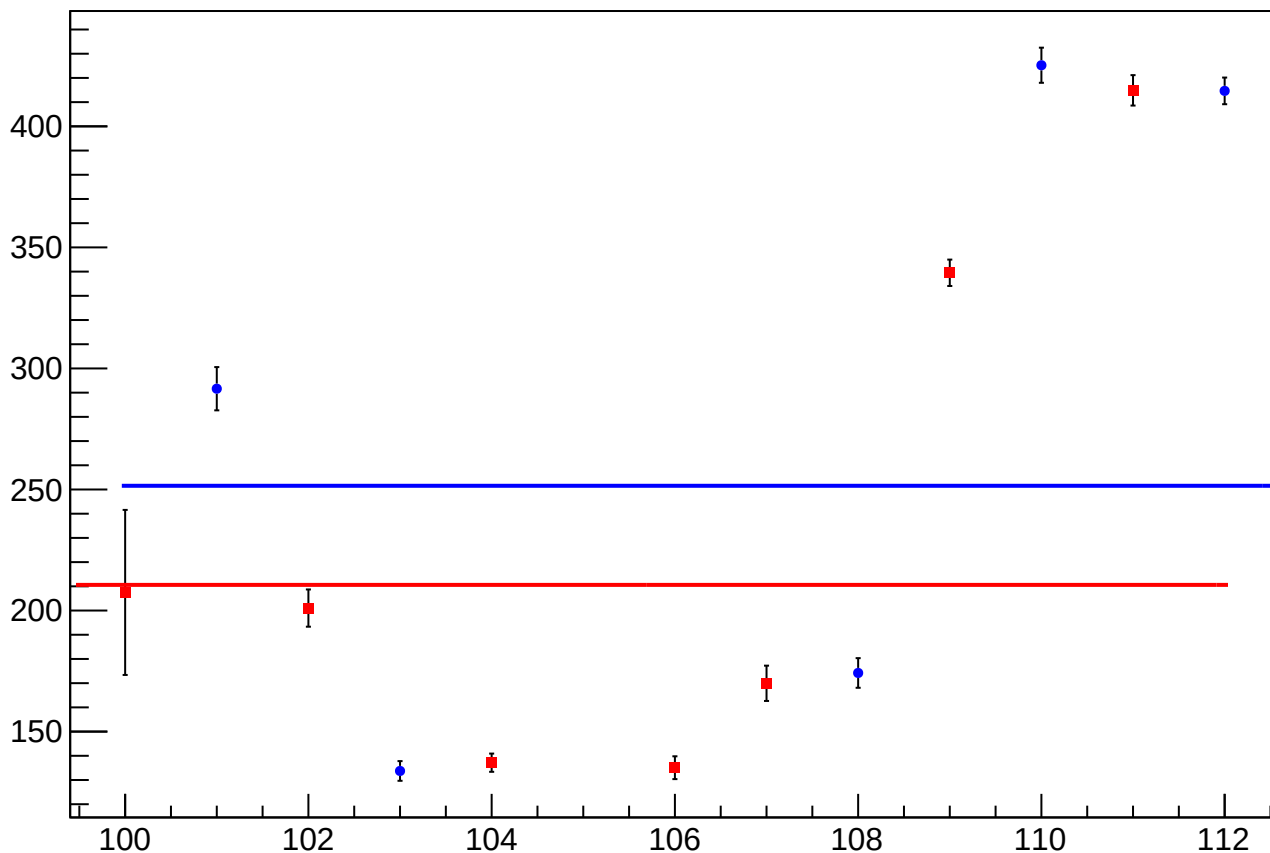
Right: 22.750+/-1.741 χ^2/NDF : 33.1/11

In: 27.006+/-2.912 χ^2/NDF : 9.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.750+/-1.741 χ^2/NDF : 33.1/11

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 251.531+/-2.568 χ^2/NDF : 2470.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 210.595+/-2.176 χ^2/NDF : 2286.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

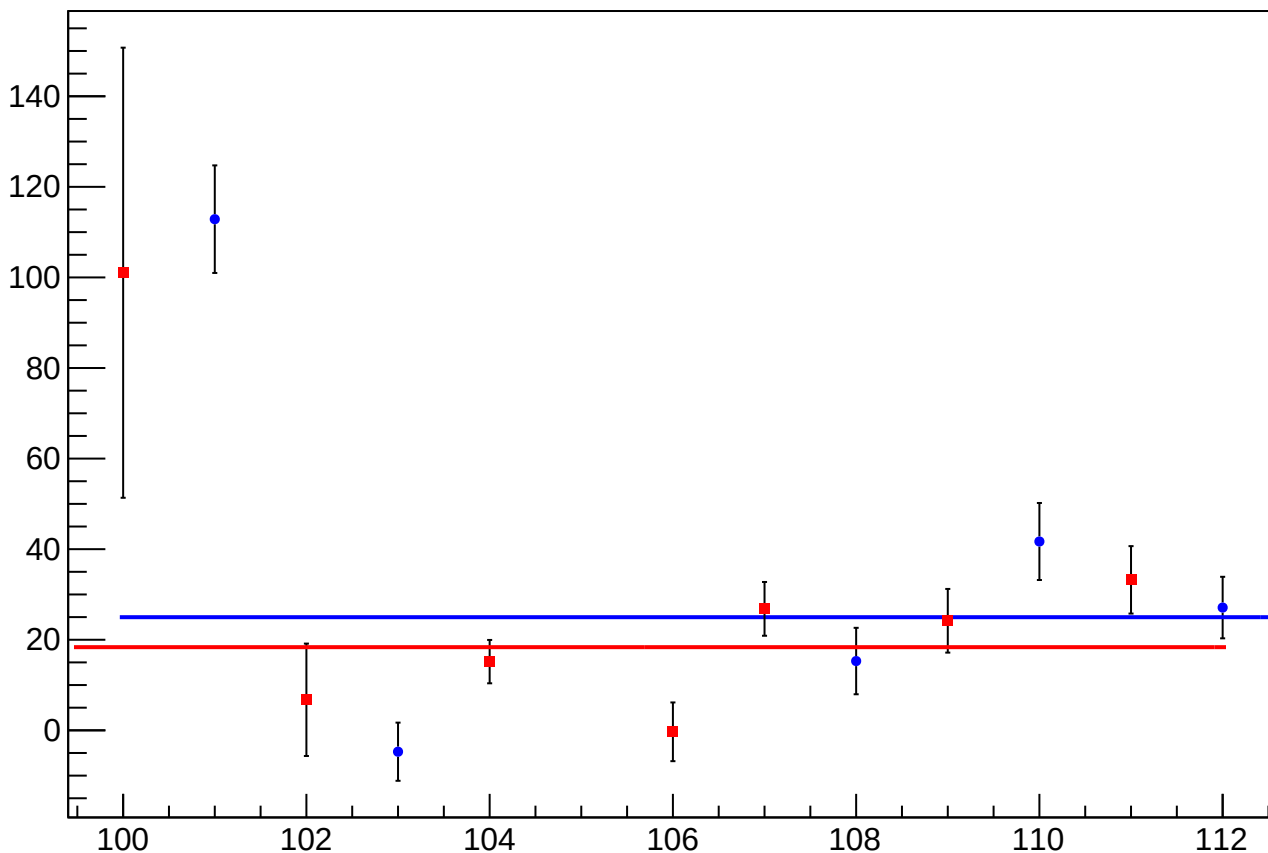
Right: 227.708+/-1.660 χ^2/NDF : 4904.9/11

In: 251.531+/-2.568 χ^2/NDF : 2470.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.708+/-1.660 χ^2/NDF : 4904.9/11

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 24.982 $\pm$ 3.422 χ^2 /NDF: 81.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18.364 $\pm$ 2.663 χ^2 /NDF: 19.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

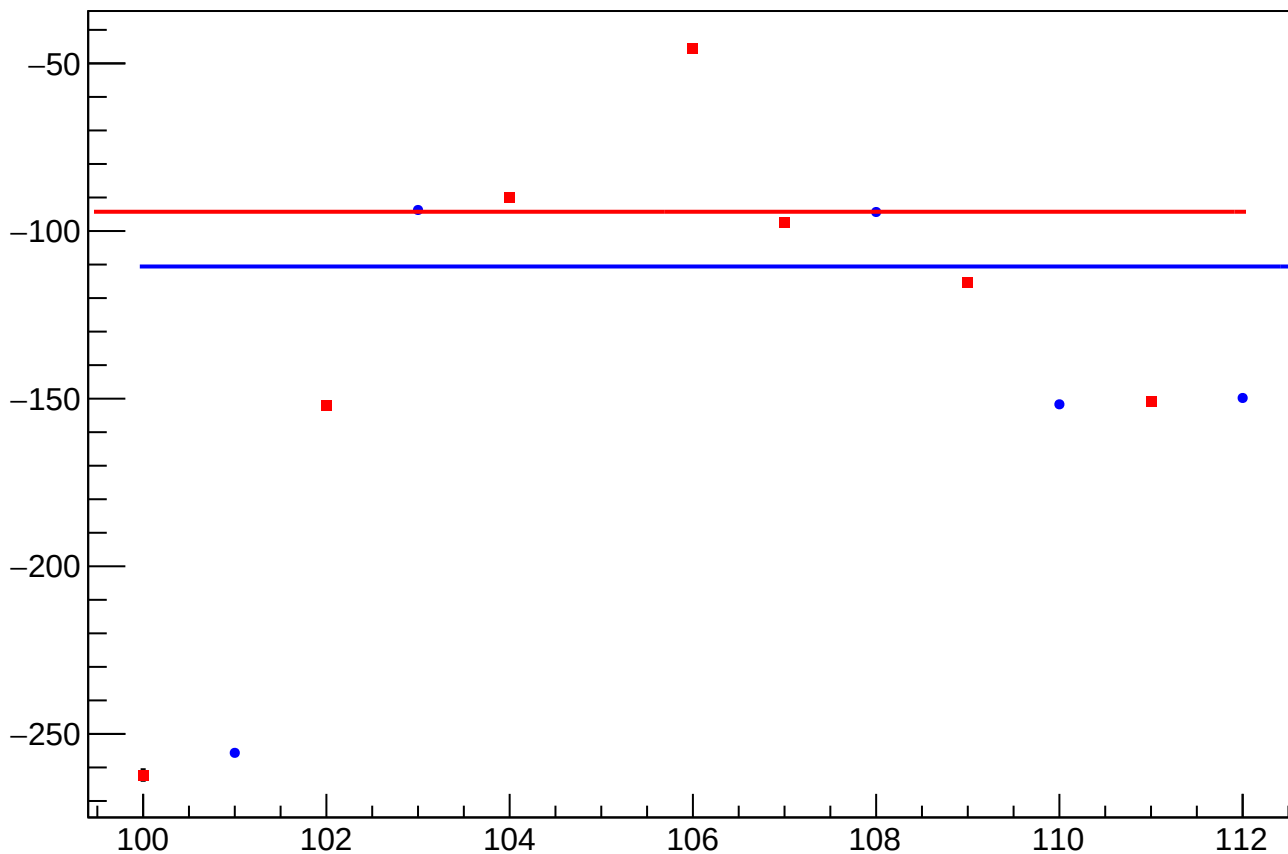
Right: 20.860 $\pm$ 2.102 χ^2 /NDF: 103.3/11

In: 24.982 $\pm$ 3.422 χ^2 /NDF: 81.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.860 $\pm$ 2.102 χ^2 /NDF: 103.3/11

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -110.578+/-0.127 χ^2/NDF : 101569.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -94.251+/-0.111 χ^2/NDF : 101027.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

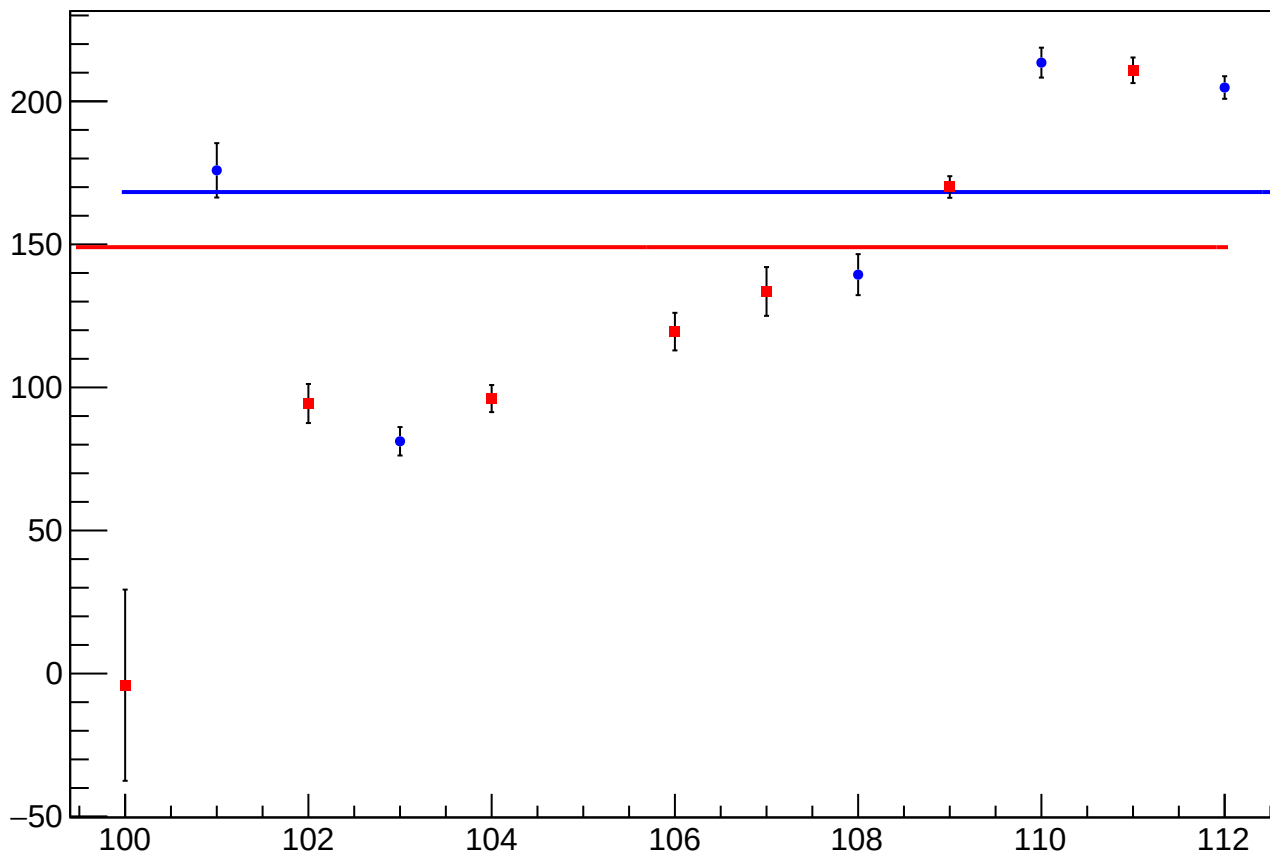
Right: -101.313+/-0.084 χ^2/NDF : 211980.8/11

In: -110.578+/-0.127 χ^2/NDF : 101569.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -101.313+/-0.084 χ^2/NDF : 211980.8/11

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 168.284 $\pm$ 2.412 χ^2 /NDF: 484.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 149.020 $\pm$ 2.113 χ^2 /NDF: 455.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

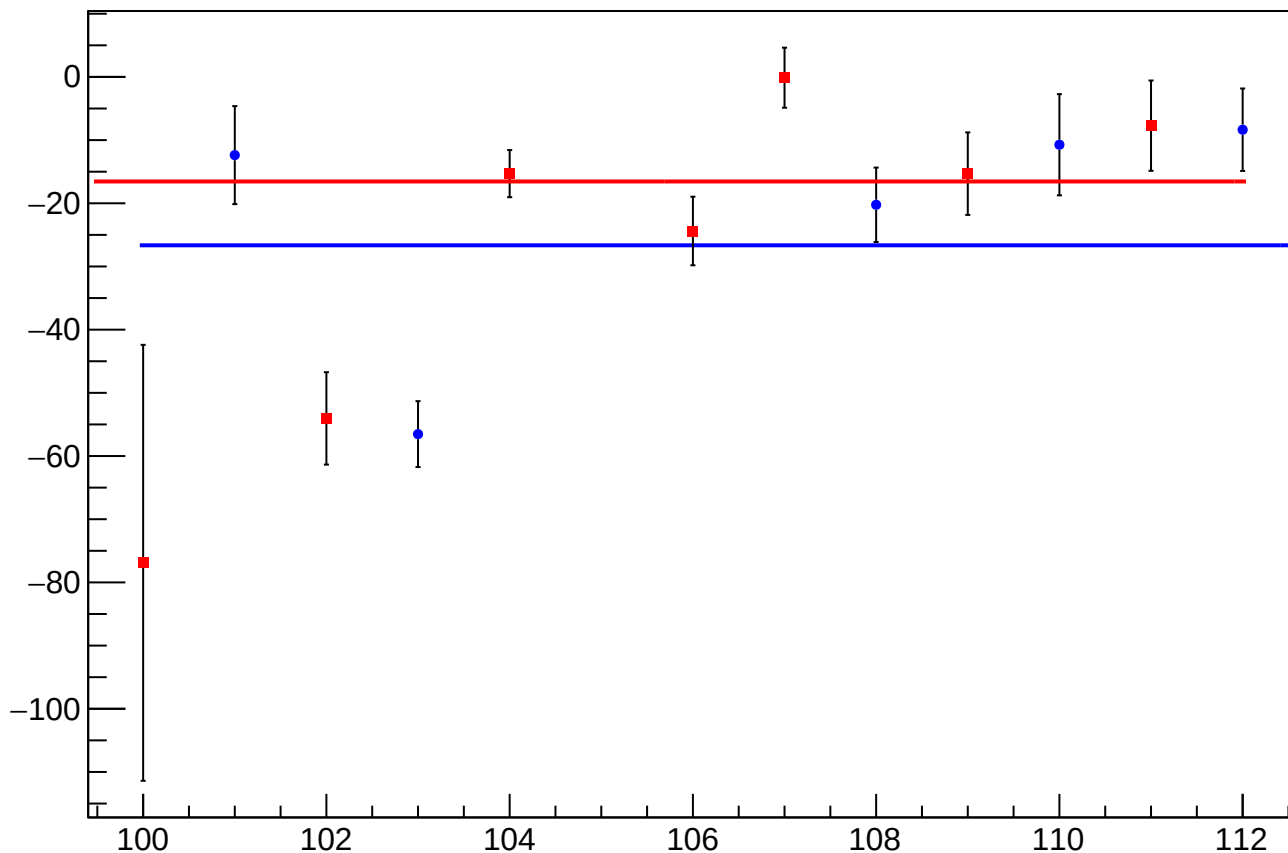
Right: 157.381 $\pm$ 1.589 χ^2 /NDF: 975.8/11

In: 168.284 $\pm$ 2.412 χ^2 /NDF: 484.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 157.381 $\pm$ 1.589 χ^2 /NDF: 975.8/11

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -26.649 ± 2.871 $\chi^2/\text{NDF}: 49.2/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -16.547 ± 2.169 $\chi^2/\text{NDF}: 45.1/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

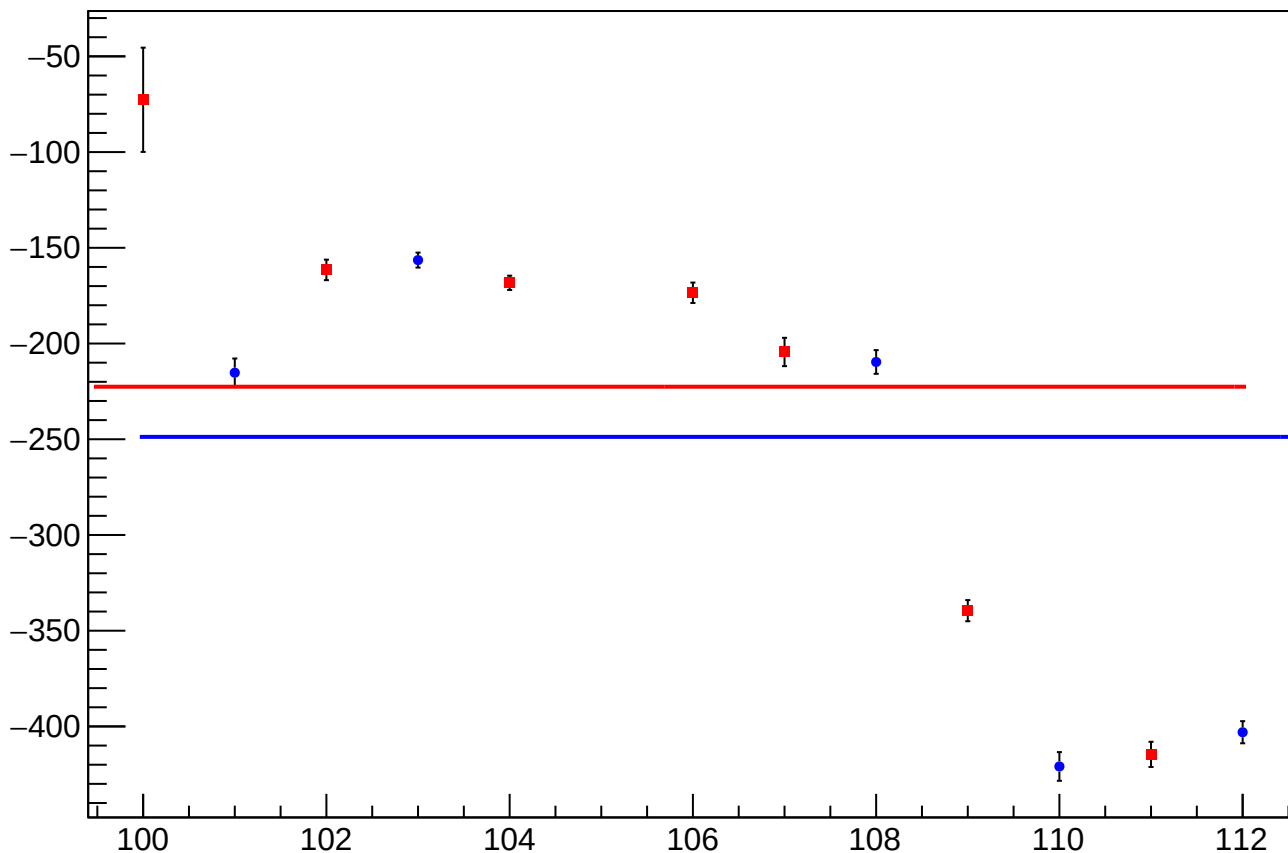
Right: -20.217 ± 1.730 $\chi^2/\text{NDF}: 102.2/11$

In: -26.649 ± 2.871 $\chi^2/\text{NDF}: 49.2/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -20.217 ± 1.730 $\chi^2/\text{NDF}: 102.2/11$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -248.759+/-2.519 χ^2/NDF : 1861.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -222.557+/-2.145 χ^2/NDF : 1764.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

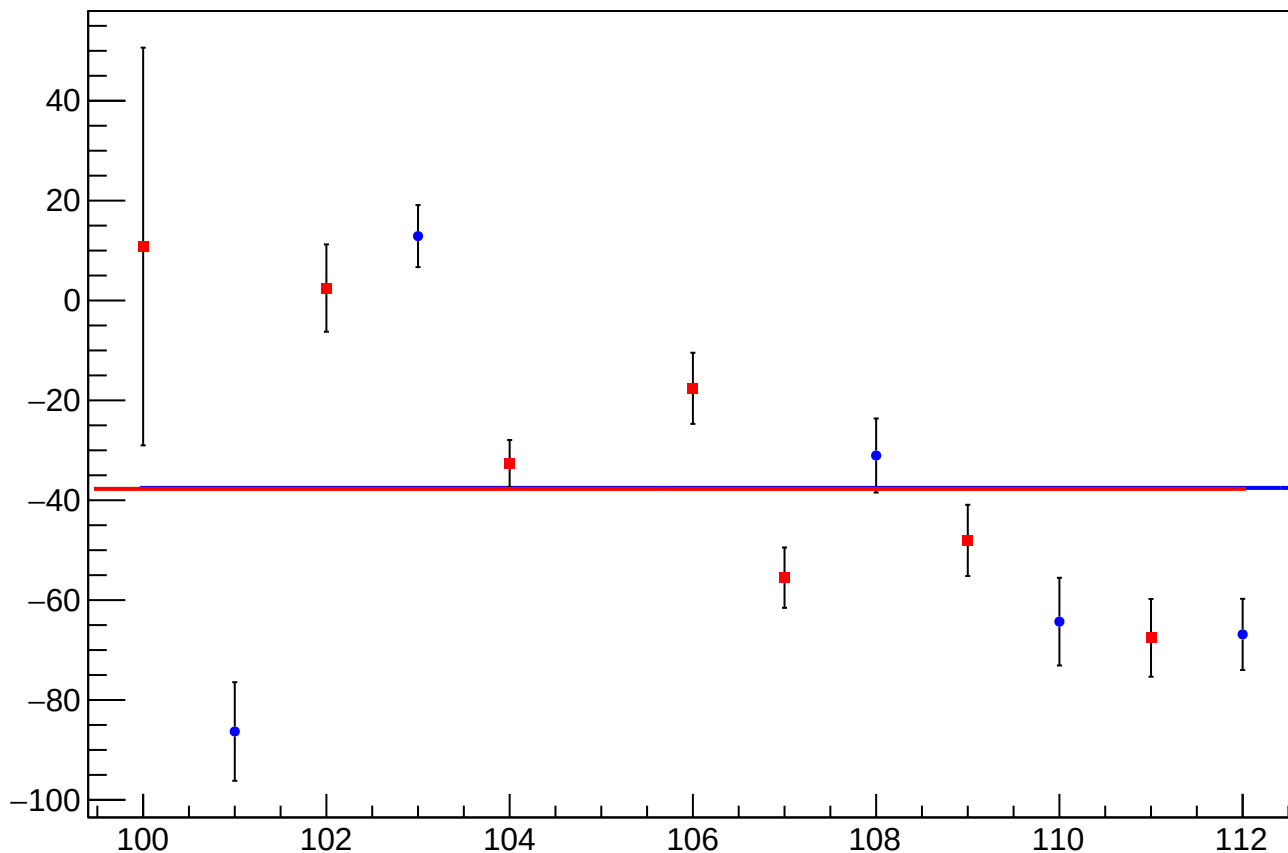
Right: -233.572+/-1.633 χ^2/NDF : 3687.8/11

In: -248.759+/-2.519 χ^2/NDF : 1861.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -233.572+/-1.633 χ^2/NDF : 3687.8/11

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -37.527+/-3.390 χ^2/NDF : 117.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -37.722+/-2.654 χ^2/NDF : 57.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

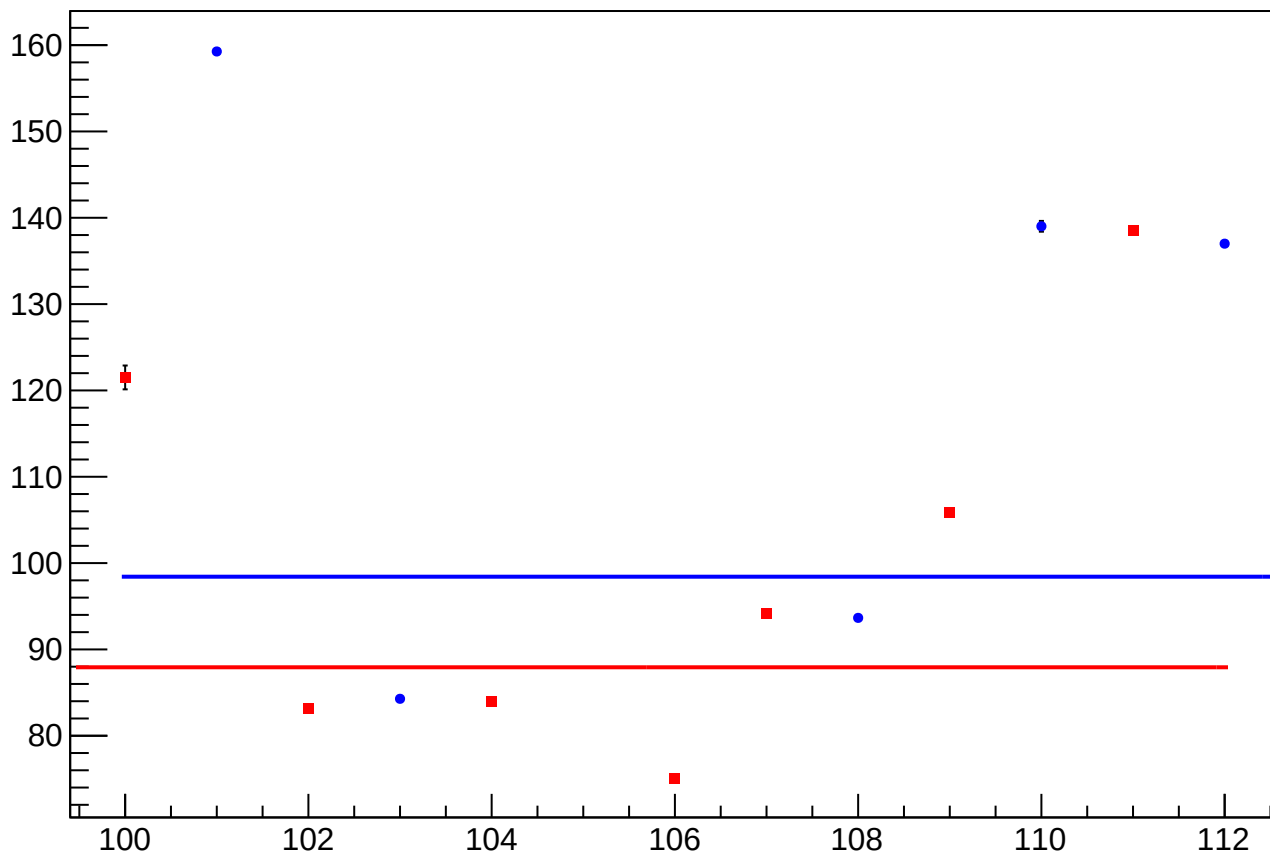
Right: -37.648+/-2.090 χ^2/NDF : 174.5/11

In: -37.527+/-3.390 χ^2/NDF : 117.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.648+/-2.090 χ^2/NDF : 174.5/11

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 98.424+/-0.123 χ^2/NDF : 38452.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.931+/-0.106 χ^2/NDF : 16567.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

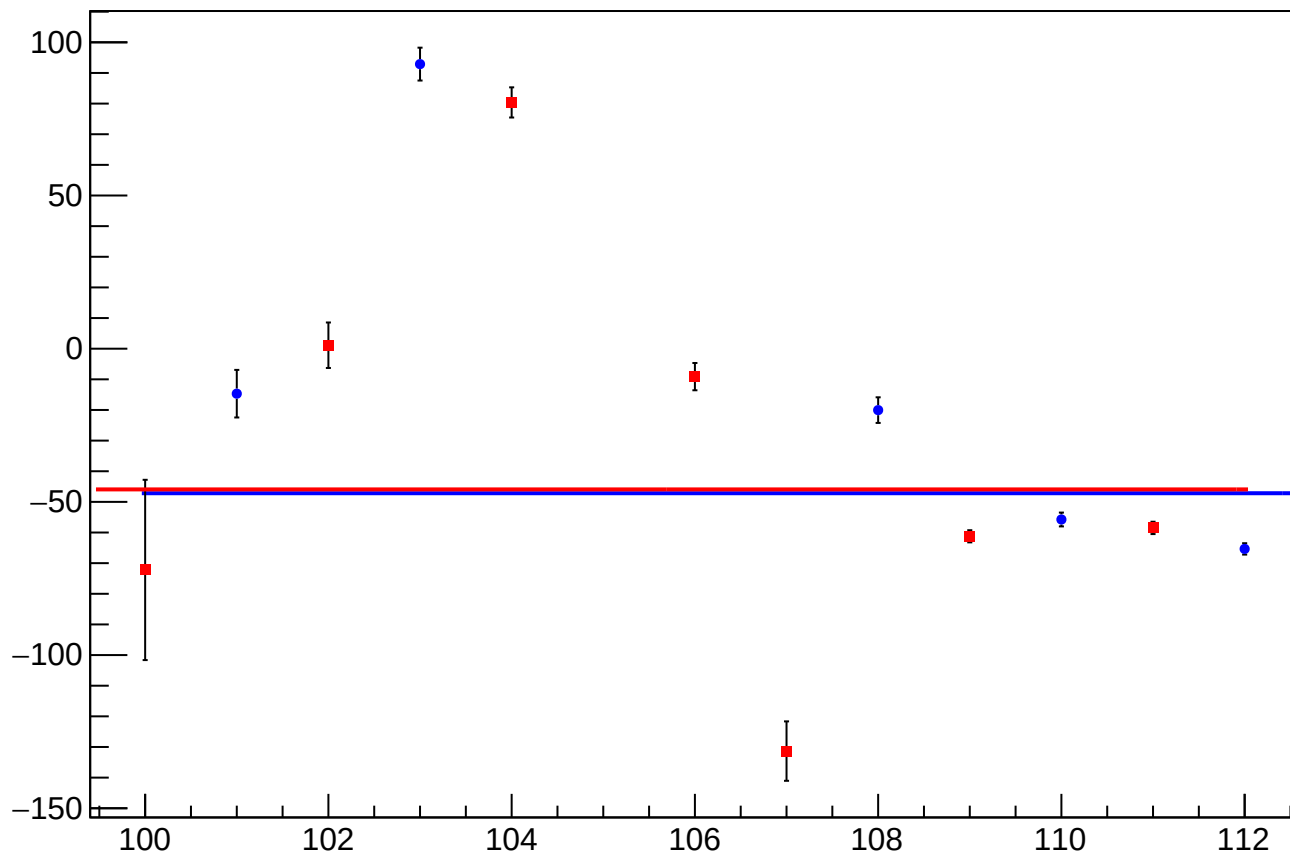
Right: 92.409+/-0.081 χ^2/NDF : 59170.3/11

In: 98.424+/-0.123 χ^2/NDF : 38452.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.409+/-0.081 χ^2/NDF : 59170.3/11

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -47.176+/-1.296 χ^2/NDF : 851.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -45.929+/-1.268 χ^2/NDF : 943.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

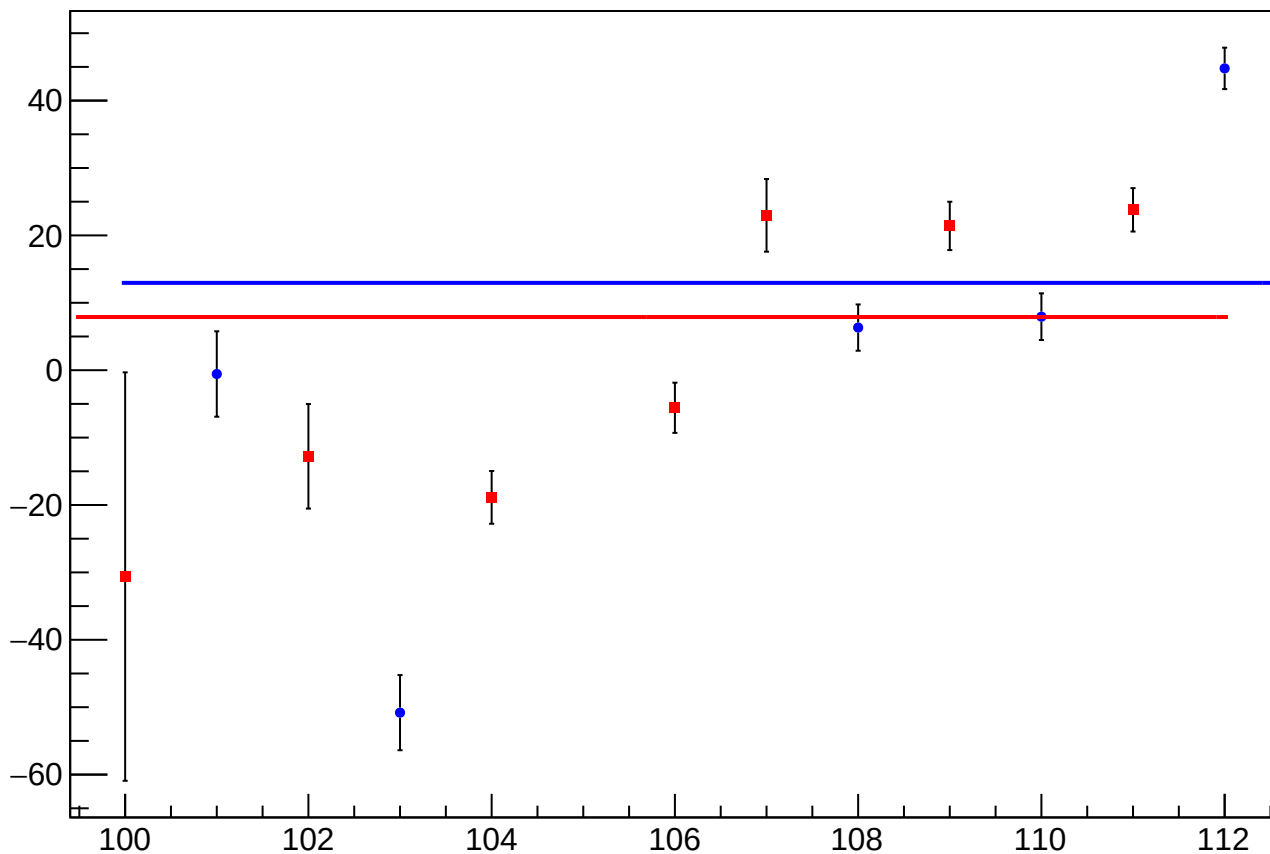
Right: -46.538+/-0.906 χ^2/NDF : 1795.5/11

In: -47.176+/-1.296 χ^2/NDF : 851.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -46.538+/-0.906 χ^2/NDF : 1795.5/11

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.958+/-1.738 χ^2/NDF : 248.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.888+/-1.658 χ^2/NDF : 115.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

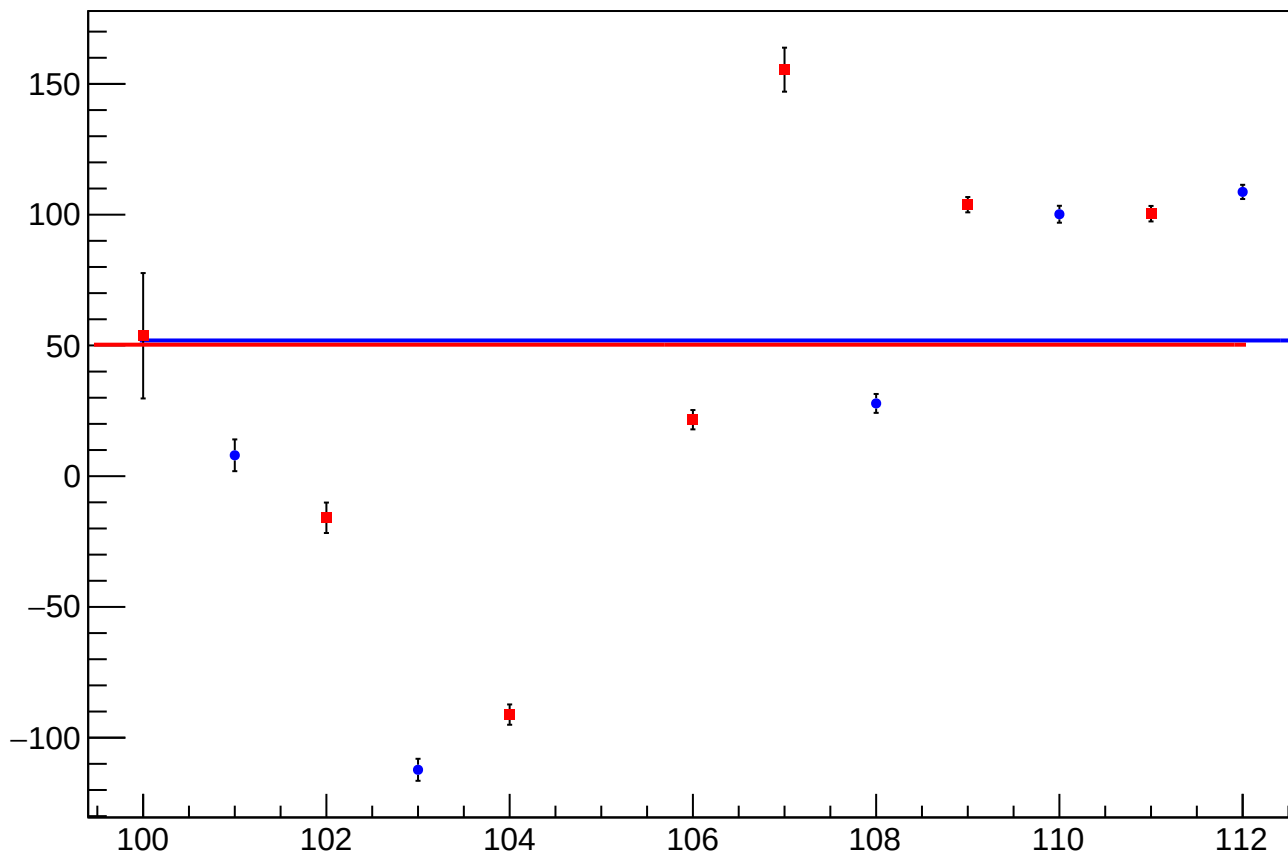
Right: 10.303+/-1.200 χ^2/NDF : 367.7/11

In: 12.958+/-1.738 χ^2/NDF : 248.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.303+/-1.200 χ^2/NDF : 367.7/11

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 51.896+/-1.599 χ^2/NDF : 2278.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.285+/-1.552 χ^2/NDF : 2291.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

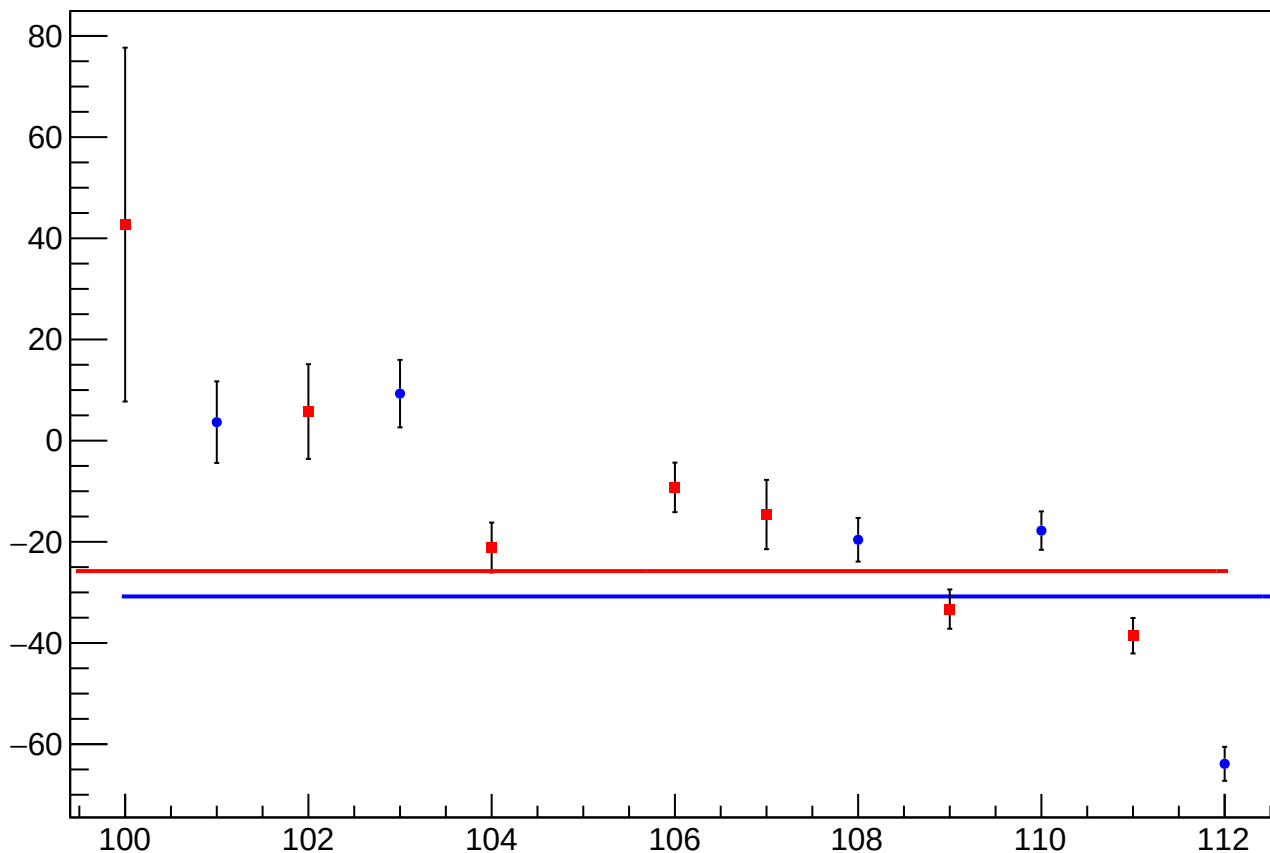
Right: 51.066+/-1.114 χ^2/NDF : 4570.7/11

In: 51.896+/-1.599 χ^2/NDF : 2278.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.066+/-1.114 χ^2/NDF : 4570.7/11

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -30.797 $\pm$ 2.001 χ^2 /NDF: 170.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -25.784 $\pm$ 1.947 χ^2 /NDF: 47.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

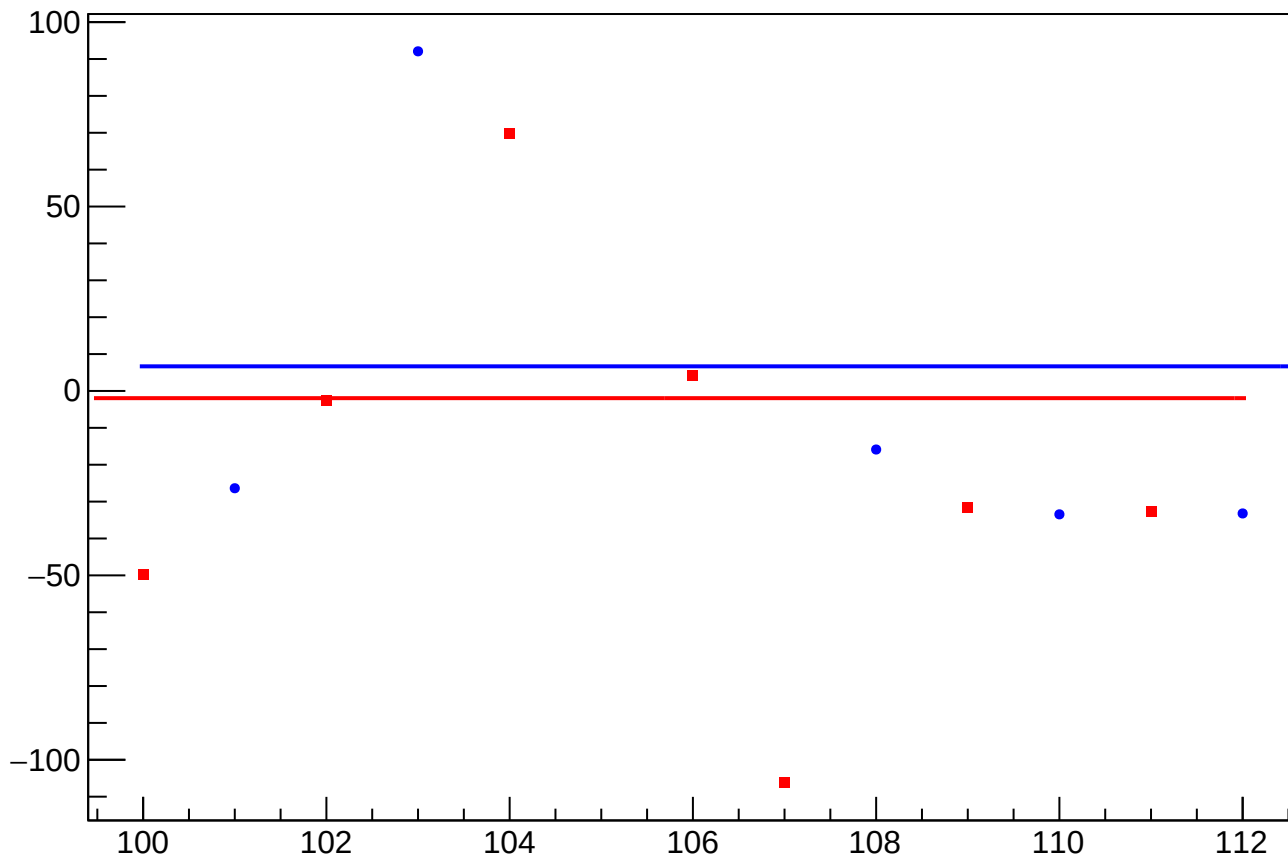
Right: -28.221 $\pm$ 1.396 χ^2 /NDF: 220.4/11

In: -30.797 $\pm$ 2.001 χ^2 /NDF:170.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -28.221 $\pm$ 1.396 χ^2 /NDF: 220.4/11

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 6.674+/-0.090 χ^2/NDF : 323618.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.953+/-0.088 χ^2/NDF : 281533.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

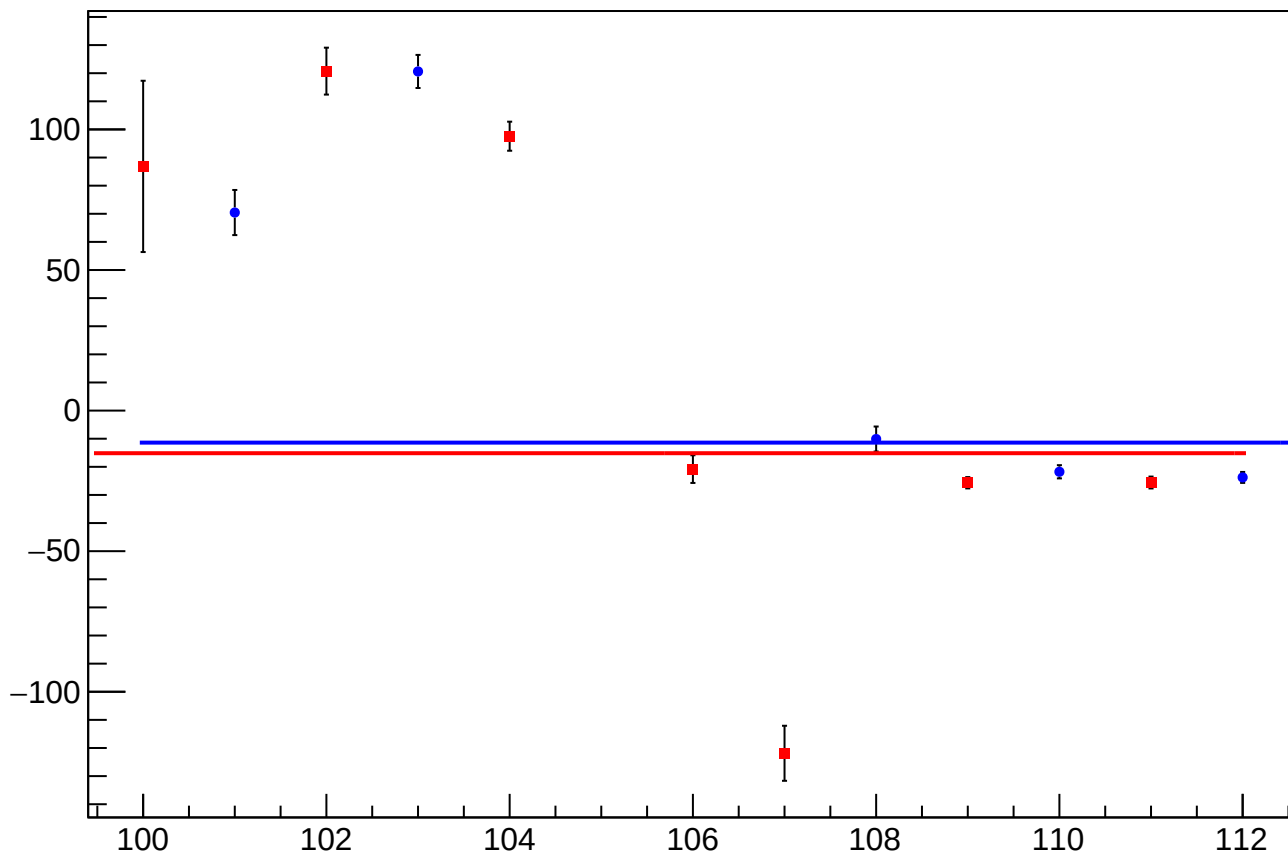
Right: 2.224+/-0.063 χ^2/NDF : 609843.6/11

In: 6.674+/-0.090 χ^2/NDF : 323618.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.224+/-0.063 χ^2/NDF : 609843.6/11

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -11.389+/-1.360 χ^2/NDF : 667.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.154+/-1.317 χ^2/NDF : 924.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

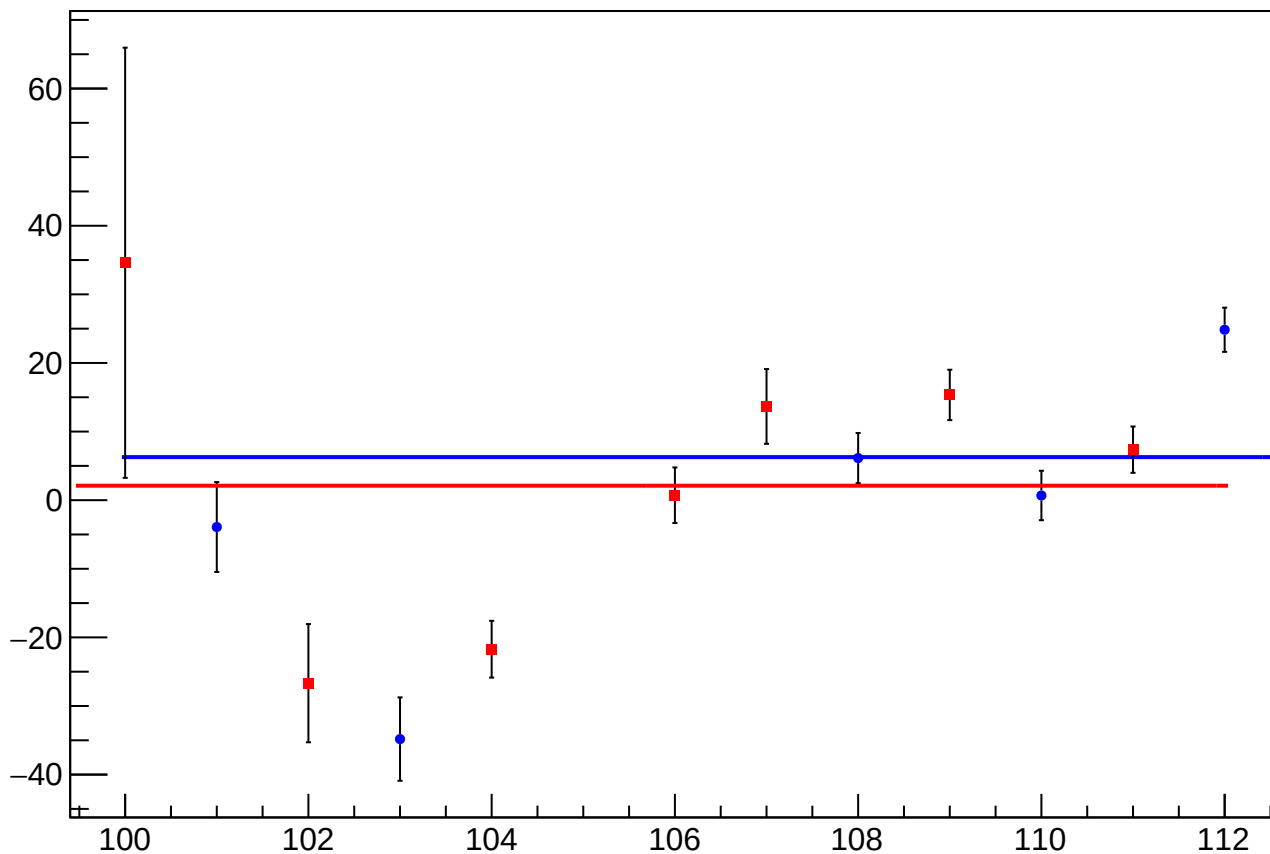
Right: -13.332+/-0.946 χ^2/NDF : 1596.1/11

In: -11.389+/-1.360 χ^2/NDF : 667.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.332+/-0.946 χ^2/NDF : 1596.1/11

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.278+/-1.830 χ^2/NDF : 83.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.110+/-1.743 χ^2/NDF : 65.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

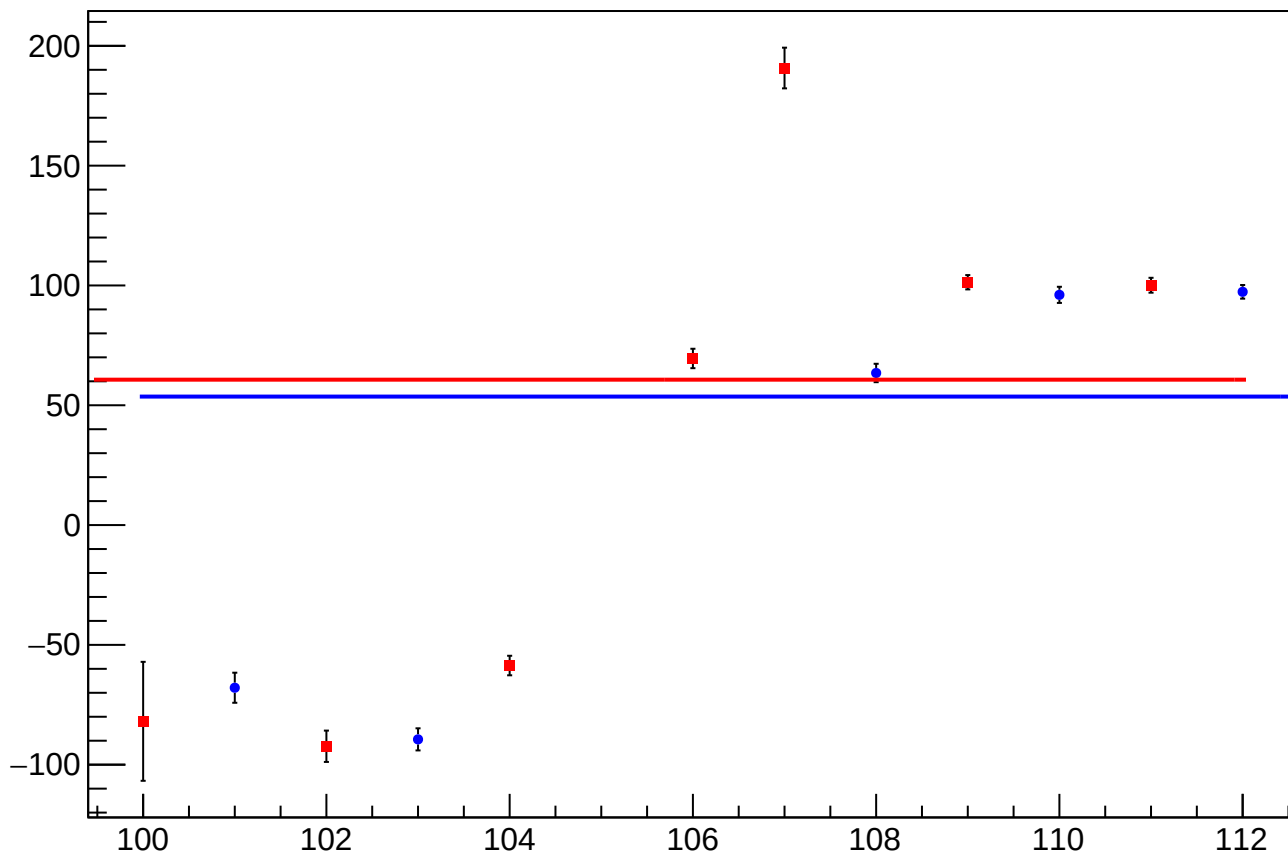
Right: 4.092+/-1.262 χ^2/NDF : 151.9/11

In: 6.278+/-1.830 χ^2/NDF : 83.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.092+/-1.262 χ^2/NDF : 151.9/11

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 53.624+/-1.686 χ^2/NDF : 1737.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.679+/-1.631 χ^2/NDF : 2022.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

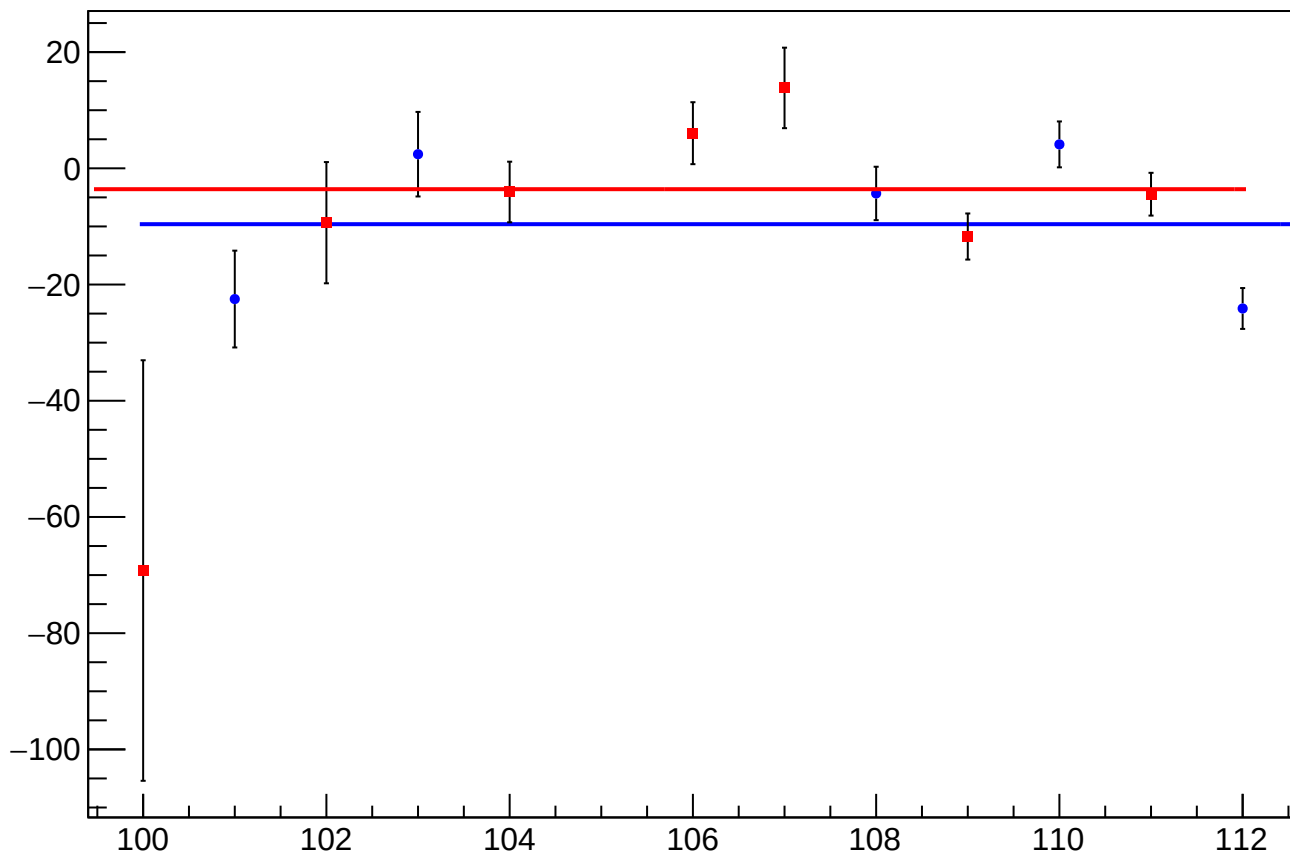
Right: 57.268+/-1.172 χ^2/NDF : 3769.1/11

In: 53.624+/-1.686 χ^2/NDF : 1737.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.268+/-1.172 χ^2/NDF : 3769.1/11

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -9.613+/-2.105 χ^2 /NDF: 35.6/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -3.590+/-2.040 χ^2 /NDF: 17.5/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

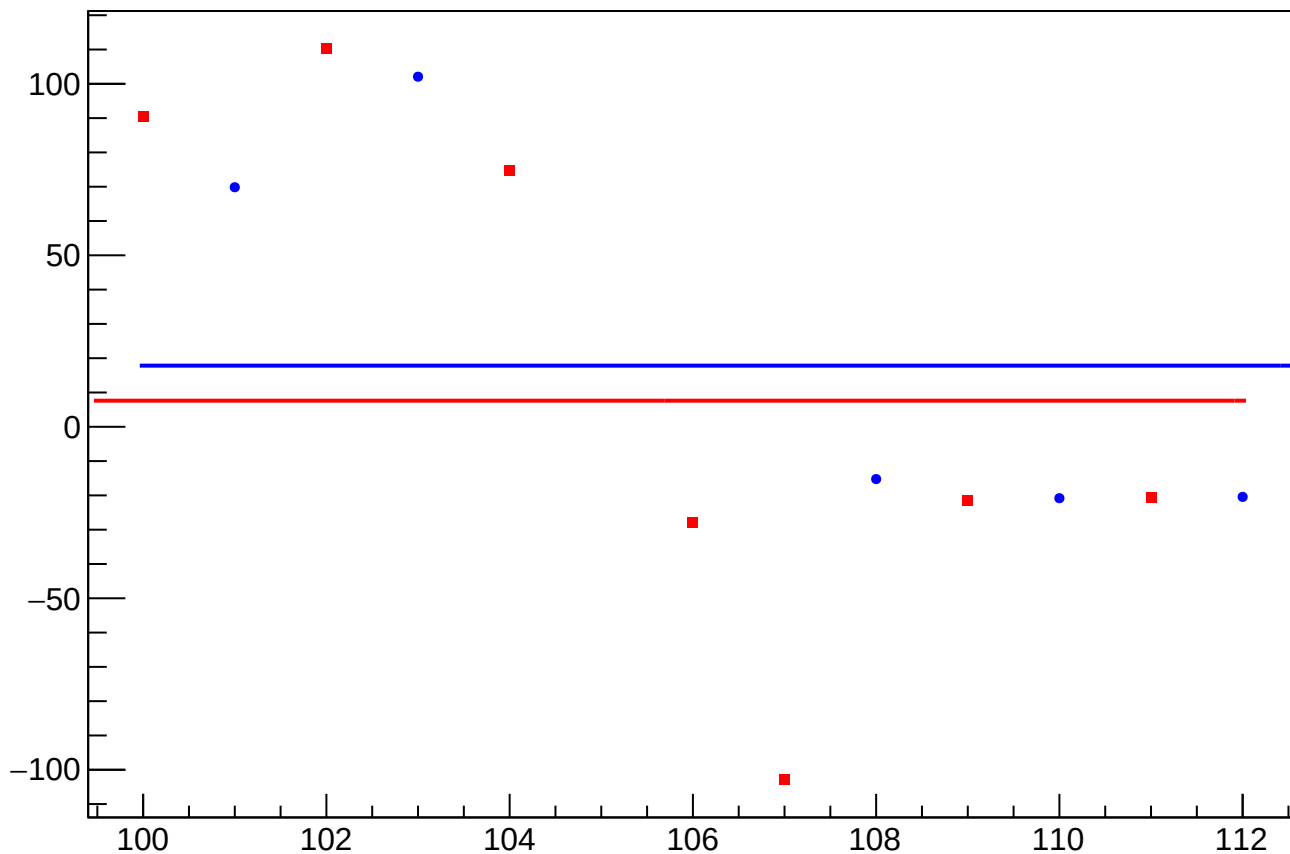
Right: -6.507+/-1.465 χ^2 /NDF: 57.3/11

In: -9.613+/-2.105 χ^2 /NDF:35.6/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -6.507+/-1.465 χ^2 /NDF: 57.3/11

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 17.831+/-0.096 χ^2/NDF : 301606.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.614+/-0.093 χ^2/NDF : 421092.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

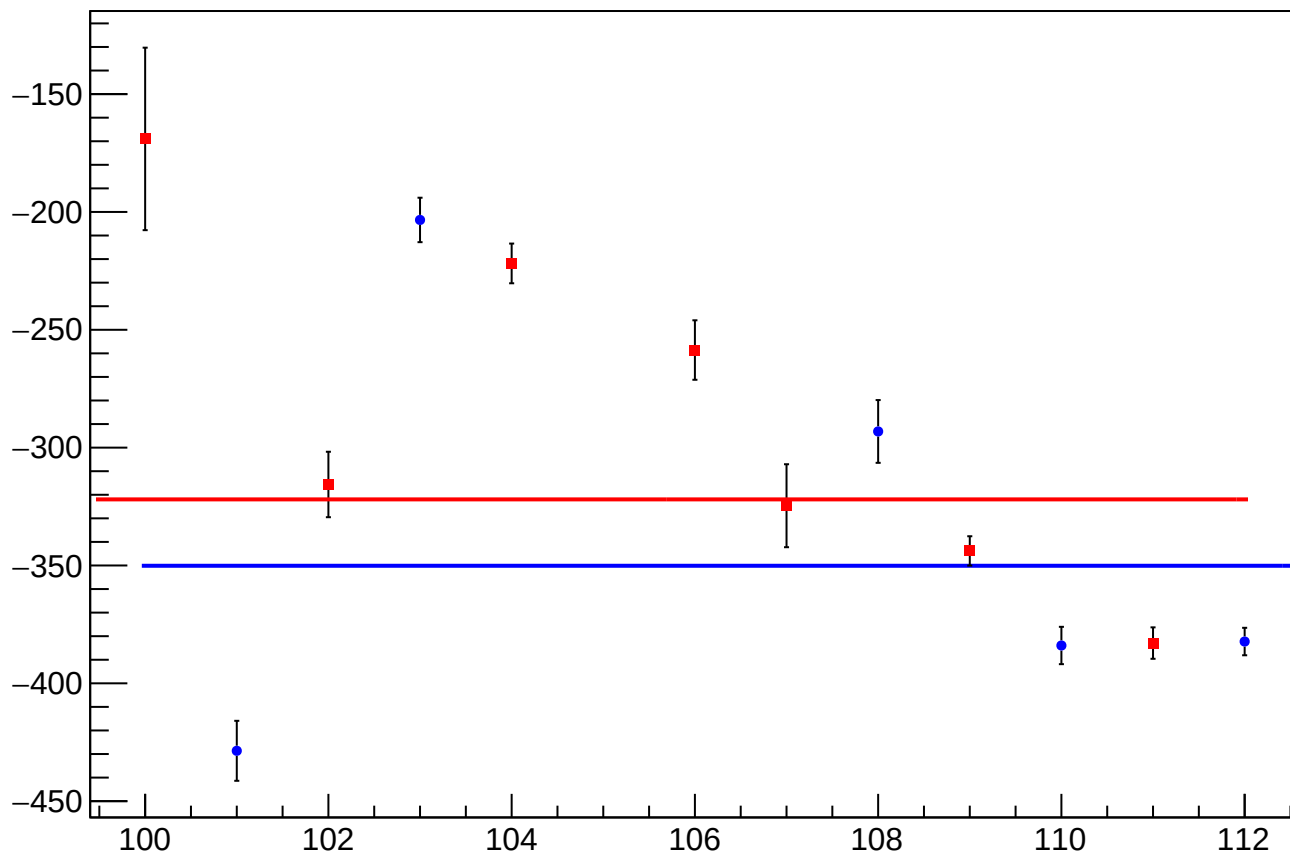
Right: 12.558+/-0.067 χ^2/NDF : 728497.5/11

In: 17.831+/-0.096 χ^2/NDF : 301606.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.558+/-0.067 χ^2/NDF : 728497.5/11

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -350.123+/-3.822 χ^2 /NDF: 347.2/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -321.959+/-3.587 χ^2 /NDF: 278.2/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

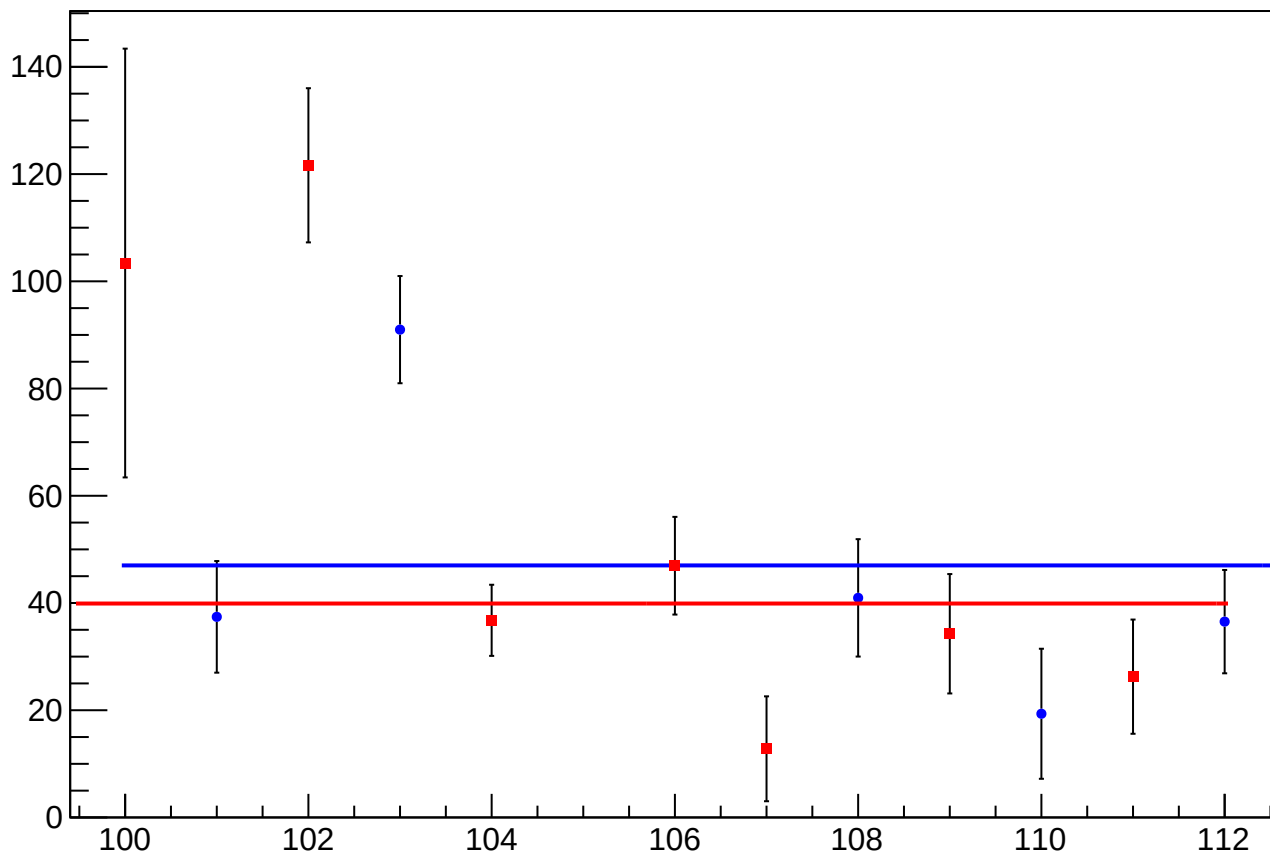
Right: -335.151+/-2.615 χ^2 /NDF: 654.3/11

In: -350.123+/-3.822 χ^2 /NDF:347.2/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -335.151+/-2.615 χ^2 /NDF: 654.3/11

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 47.009+/-4.707 χ^2/NDF : 26.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.901+/-3.847 χ^2/NDF : 45.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

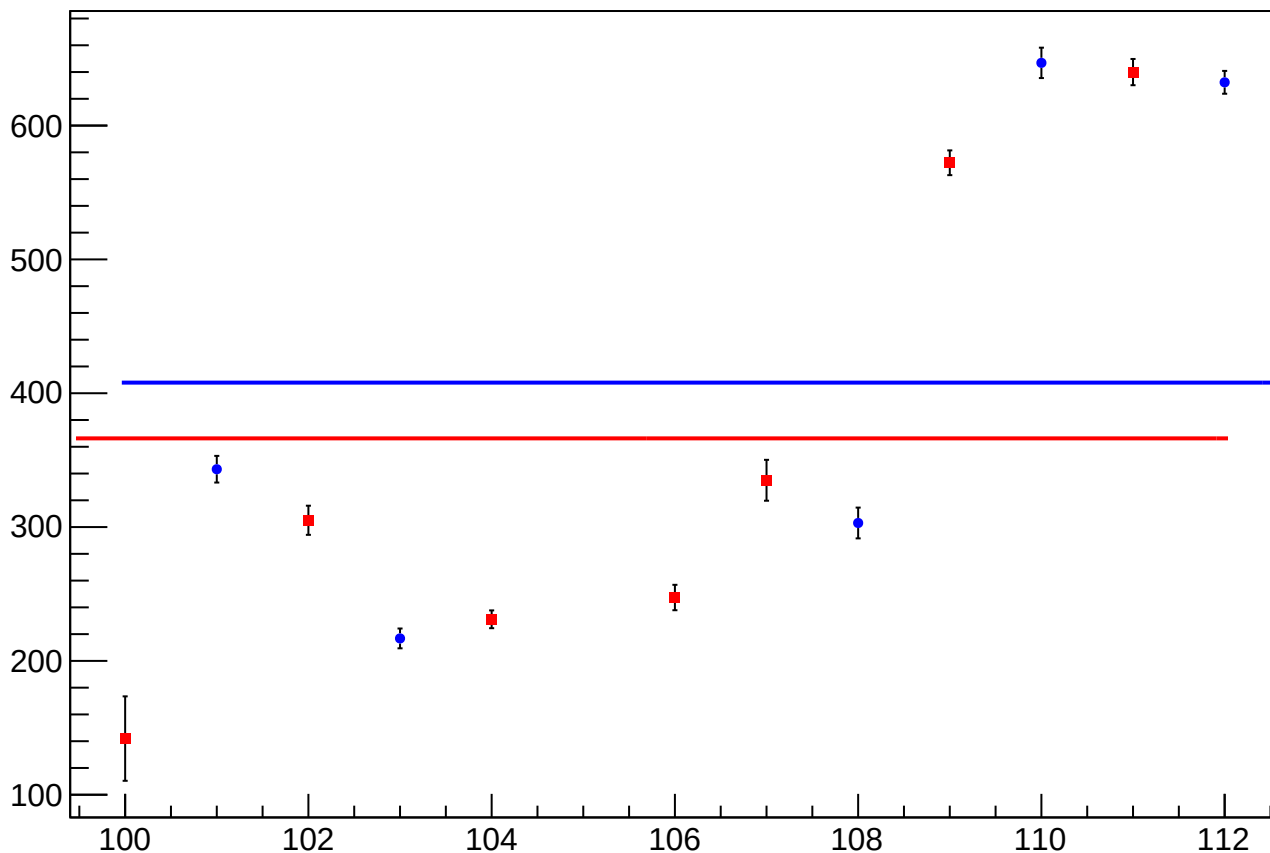
Right: 42.748+/-2.979 χ^2/NDF : 73.5/11

In: 47.009+/-4.707 χ^2/NDF : 26.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.748+/-2.979 χ^2/NDF : 73.5/11

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 407.937 $\pm$ 4.173 χ^2 /NDF: 1927.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 366.272 $\pm$ 3.791 χ^2 /NDF: 1932.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

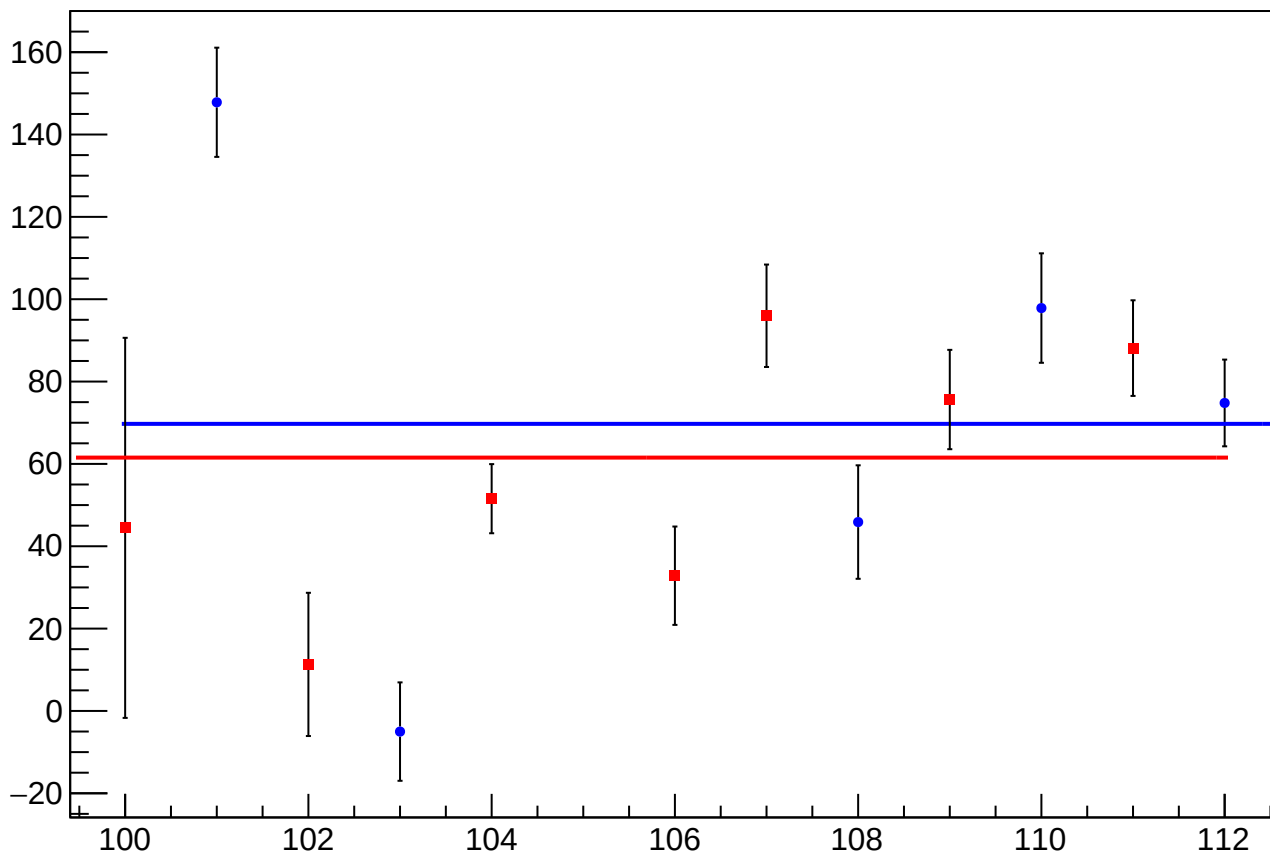
Right: 385.108 $\pm$ 2.806 χ^2 /NDF: 3915.1/11

In: 407.937 $\pm$ 4.173 χ^2 /NDF:1927.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 385.108 $\pm$ 2.806 χ^2 /NDF: 3915.1/11

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 69.727 $\pm$ 5.536 χ^2 /NDF: 81.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 61.532 $\pm$ 4.677 χ^2 /NDF: 29.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

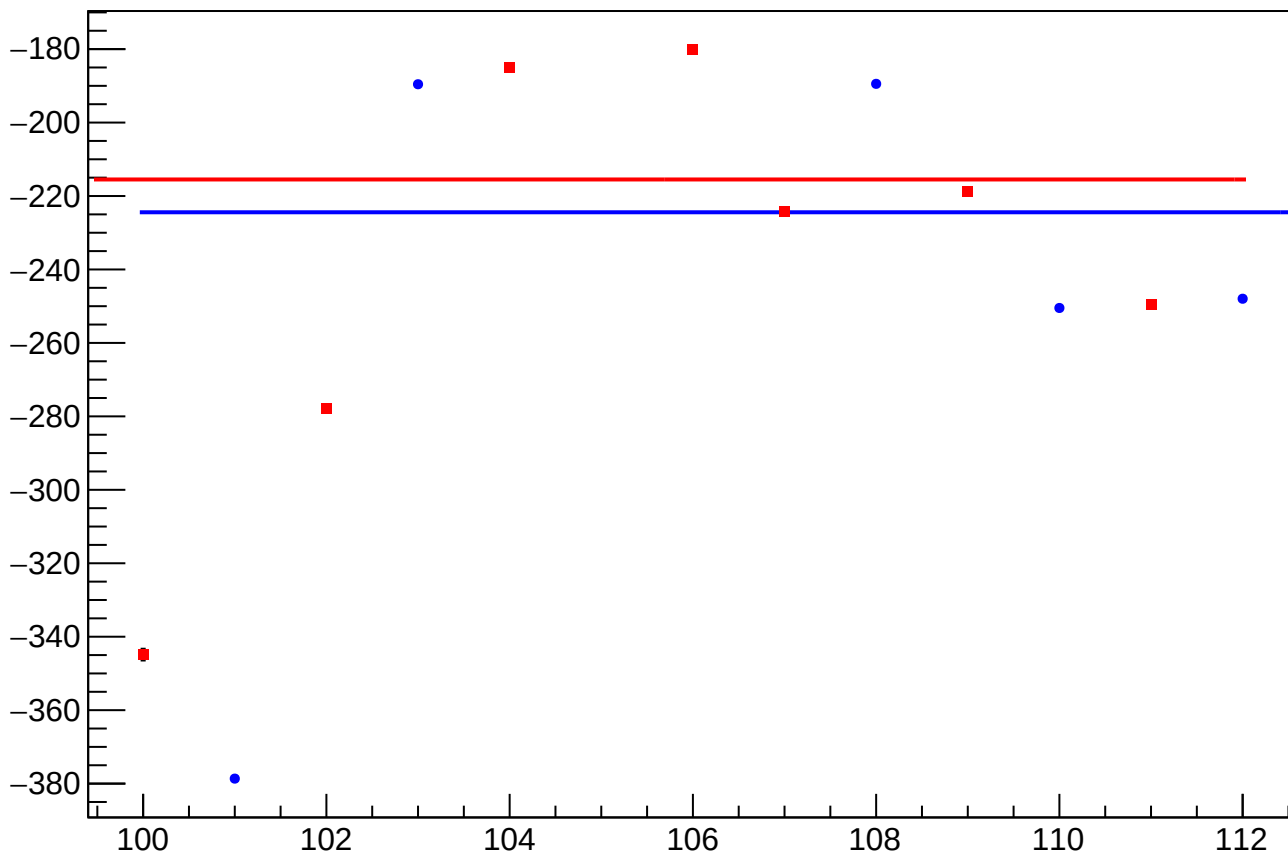
Right: 64.944 $\pm$ 3.573 χ^2 /NDF: 112.7/11

In: 69.727 $\pm$ 5.536 χ^2 /NDF: 81.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 64.944 $\pm$ 3.573 χ^2 /NDF: 112.7/11

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -224.427+/-0.218 χ^2/NDF : 87361.1/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -215.494+/-0.201 χ^2/NDF : 39719.5/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

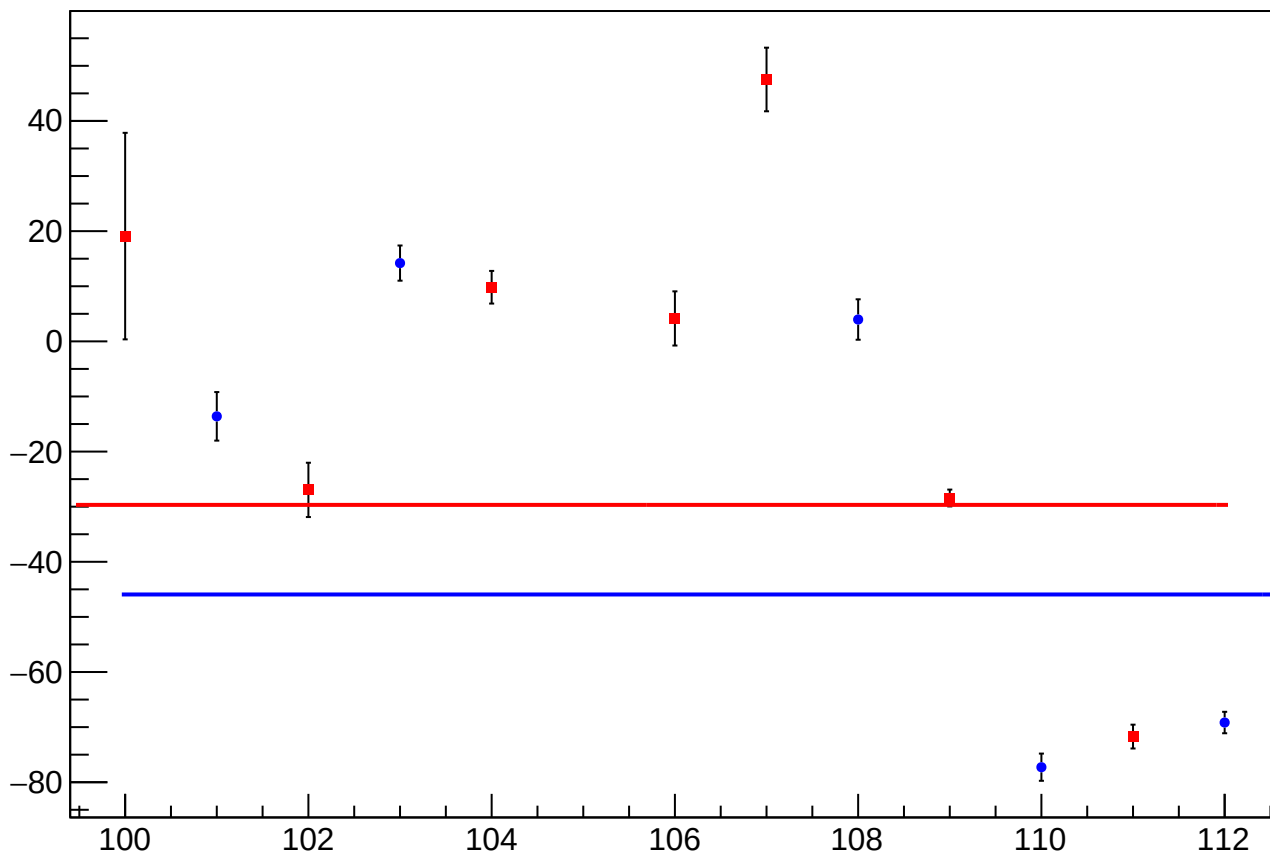
Right: -219.592+/-0.148 χ^2/NDF : 127989.7/11

In: -224.427+/-0.218 χ^2/NDF :87361.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -219.592+/-0.148 χ^2/NDF : 127989.7/11

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -45.930+/-1.239 χ^2/NDF : 897.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.673+/-1.071 χ^2/NDF : 790.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

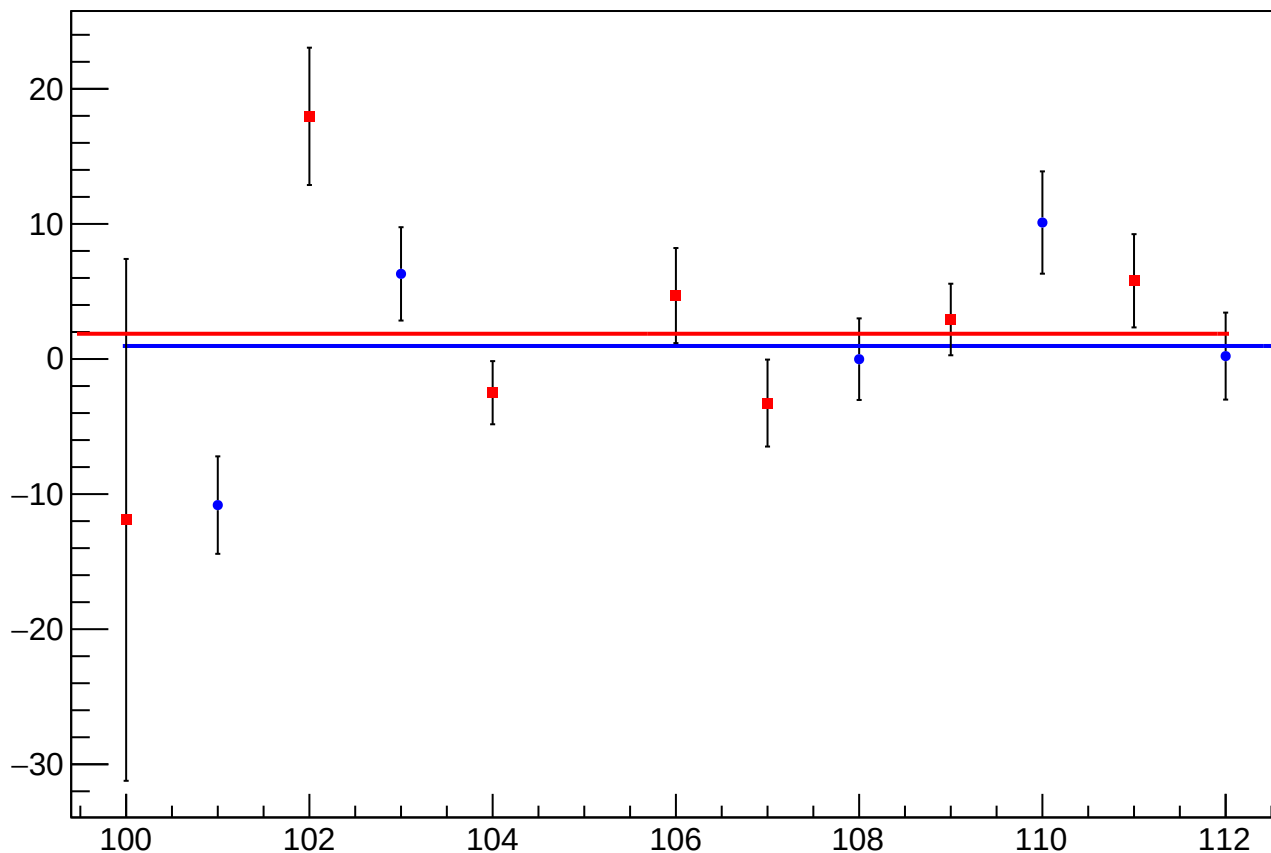
Right: -36.625+/-0.810 χ^2/NDF : 1786.1/11

In: -45.930+/-1.239 χ^2/NDF : 897.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.625+/-0.810 χ^2/NDF : 1786.1/11

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.965 $\pm$ 1.514 χ^2 /NDF: 19.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.870 $\pm$ 1.262 χ^2 /NDF: 18.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

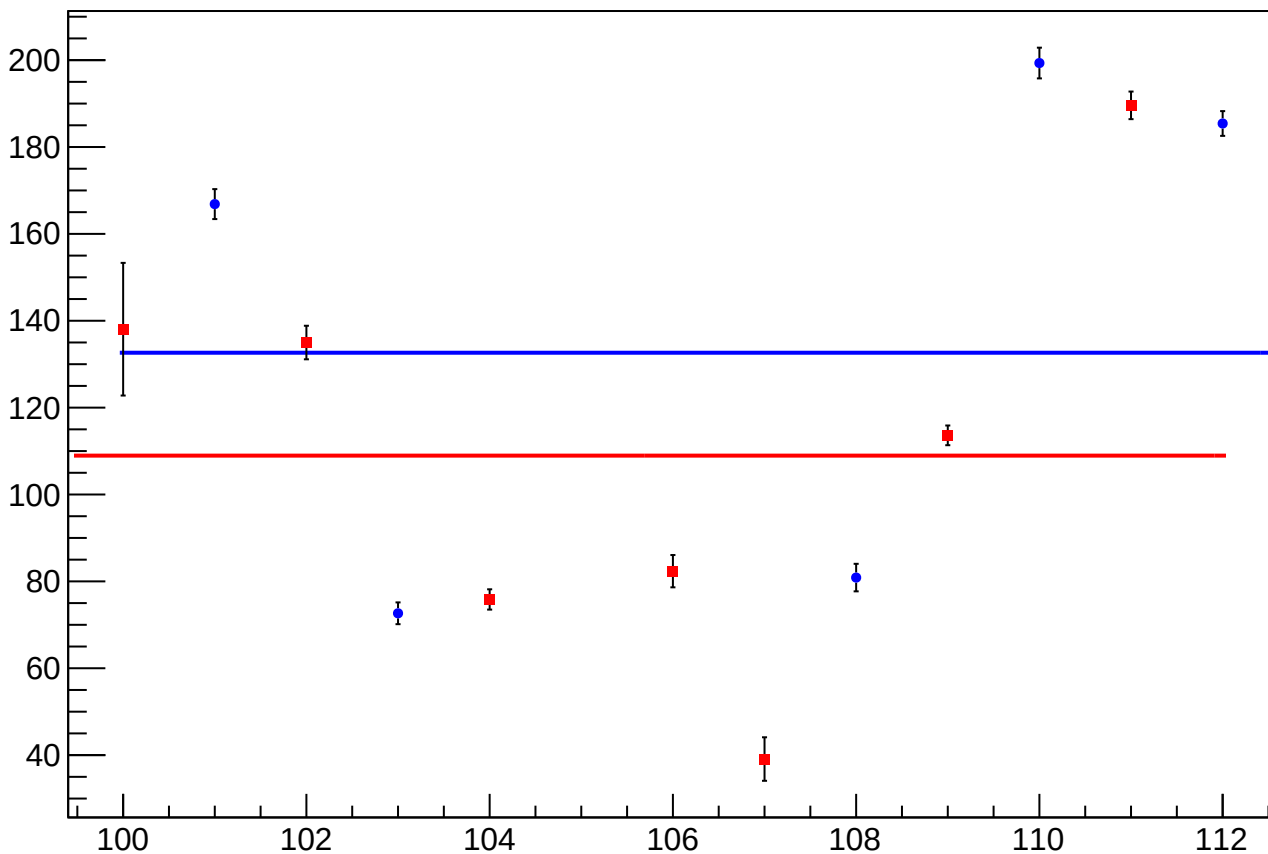
Right: 1.499 $\pm$ 0.969 χ^2 /NDF: 37.9/11

In: 0.965 $\pm$ 1.514 χ^2 /NDF: 19.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.499 $\pm$ 0.969 χ^2 /NDF: 37.9/11

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 132.640+/-1.353 χ^2/NDF : 1636.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.952+/-1.231 χ^2/NDF : 1144.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

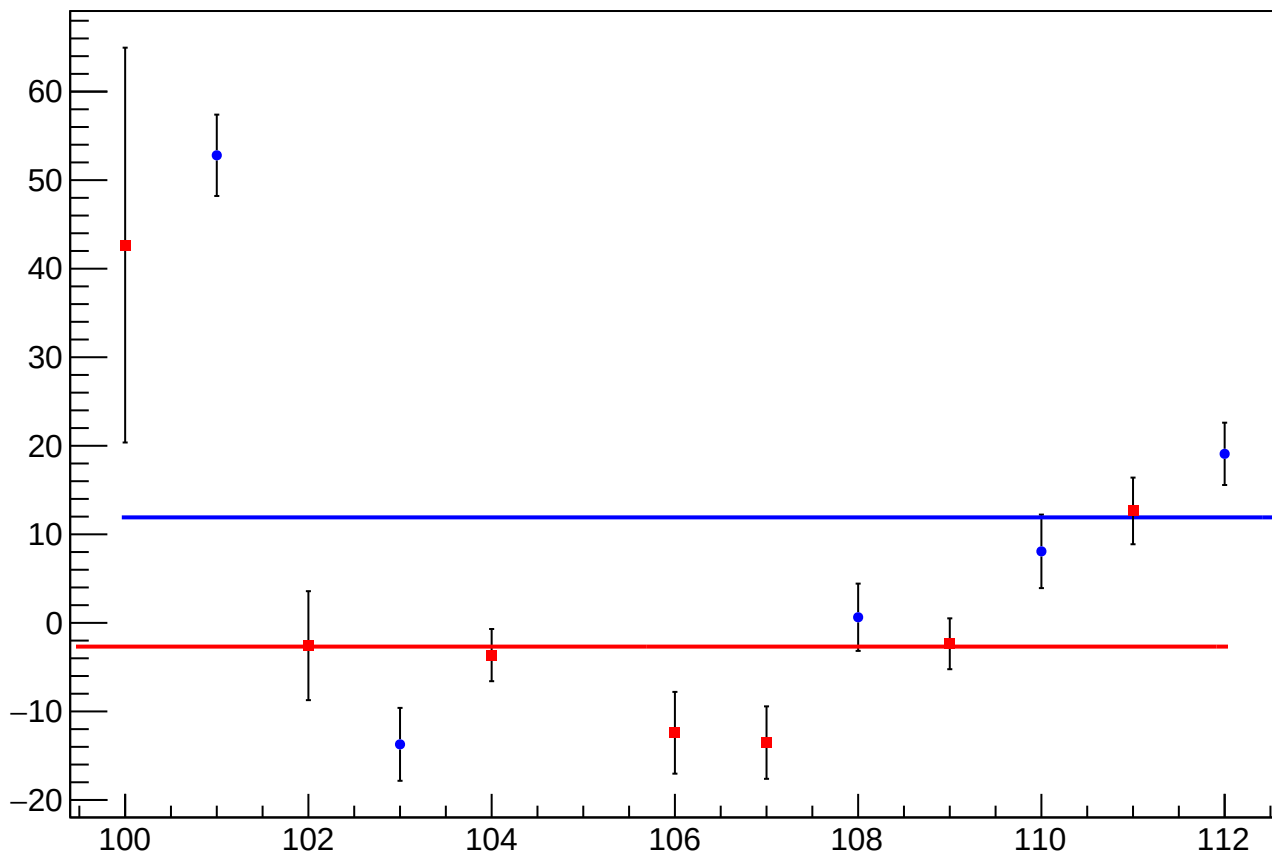
Right: 119.677+/-0.911 χ^2/NDF : 2948.8/11

In: 132.640+/-1.353 χ^2/NDF : 1636.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.677+/-0.911 χ^2/NDF : 2948.8/11

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.915+/-1.783 χ^2/NDF : 131.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.679+/-1.504 χ^2/NDF : 32.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

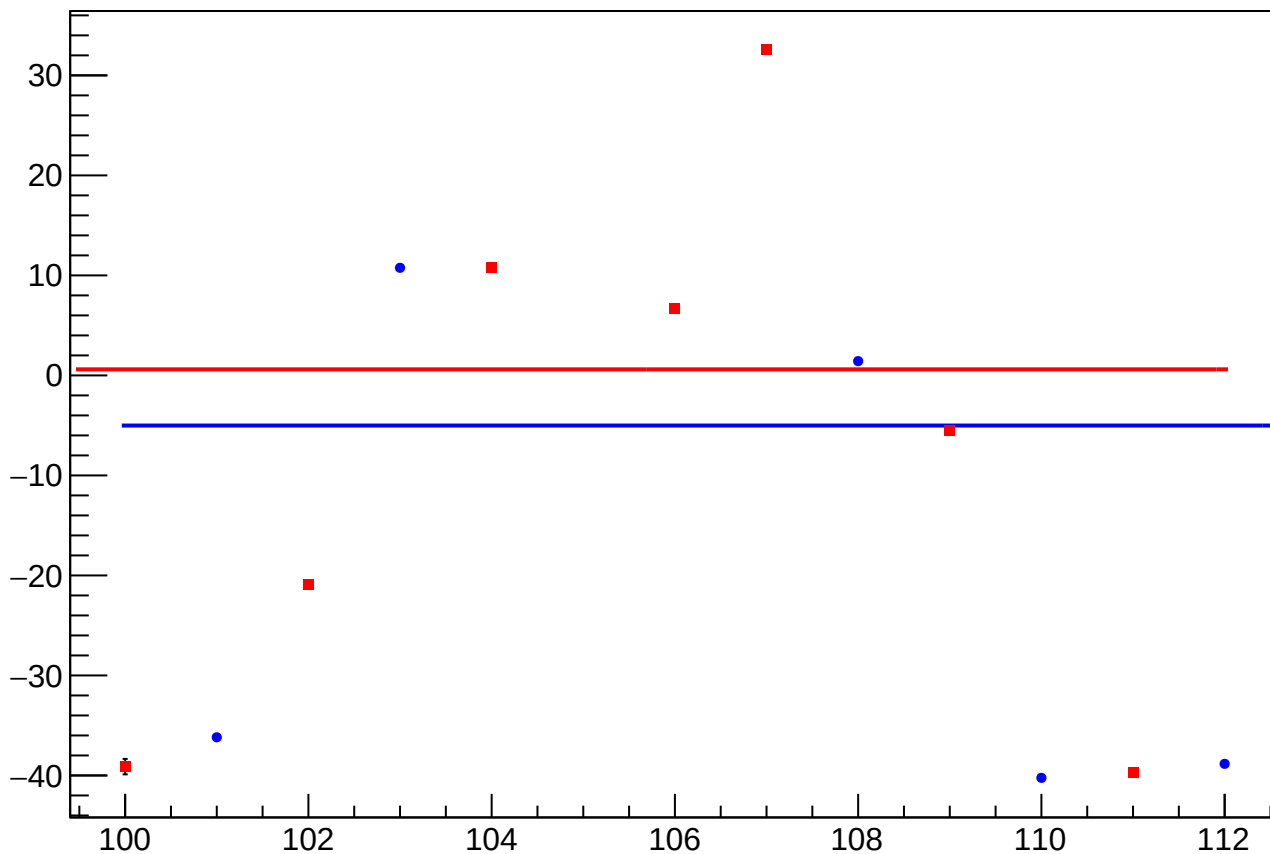
Right: 3.388+/-1.150 χ^2/NDF : 203.3/11

In: 11.915+/-1.783 χ^2/NDF : 131.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.388+/-1.150 χ^2/NDF : 203.3/11

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -5.012 $\pm$ 0.070 χ^2 /NDF: 85534.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.608 $\pm$ 0.067 χ^2 /NDF: 80886.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

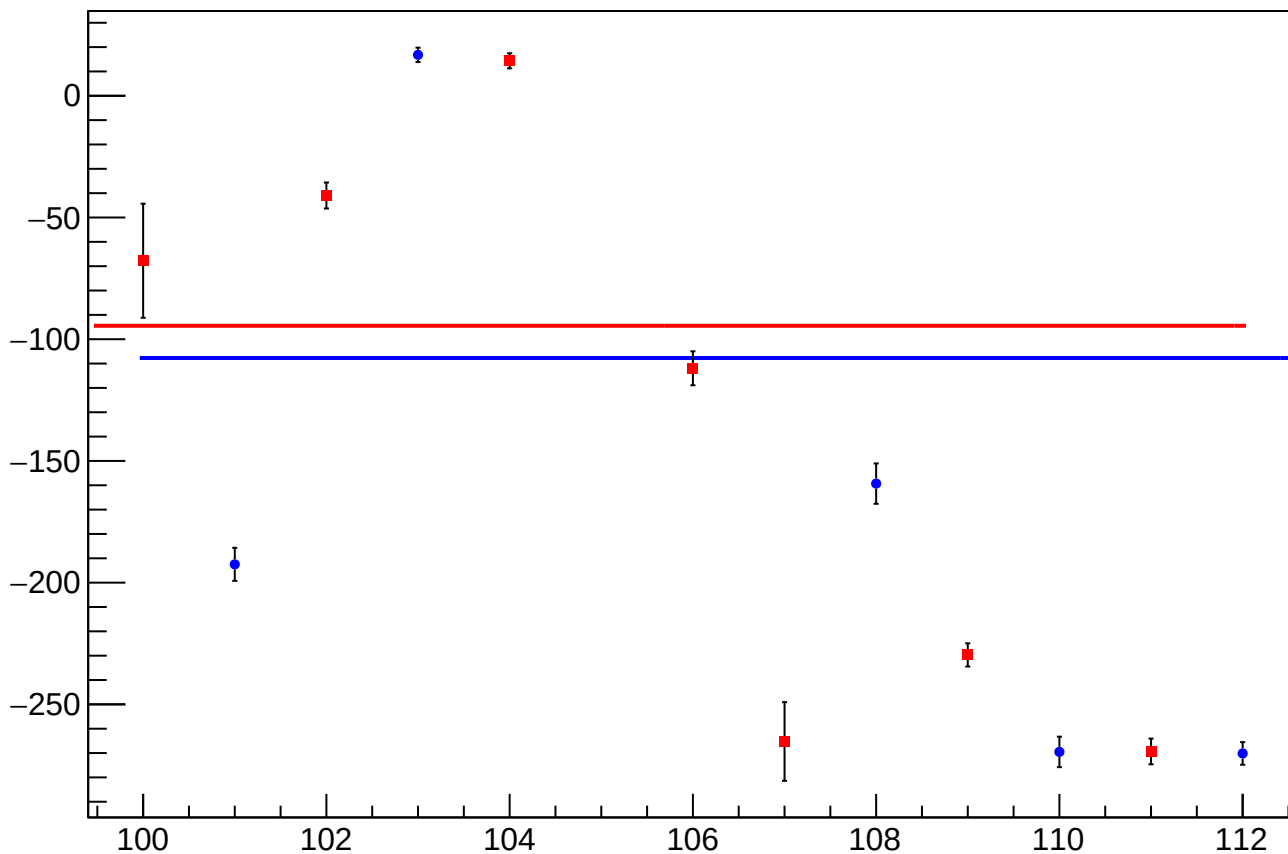
Right: -2.110 $\pm$ 0.048 χ^2 /NDF: 169786.2/11

In: -5.012 $\pm$ 0.070 χ^2 /NDF:85534.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.110 $\pm$ 0.048 χ^2 /NDF: 169786.2/11

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -107.718+/-2.120 χ^2/NDF : 3859.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -94.477+/-2.021 χ^2/NDF : 3351.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

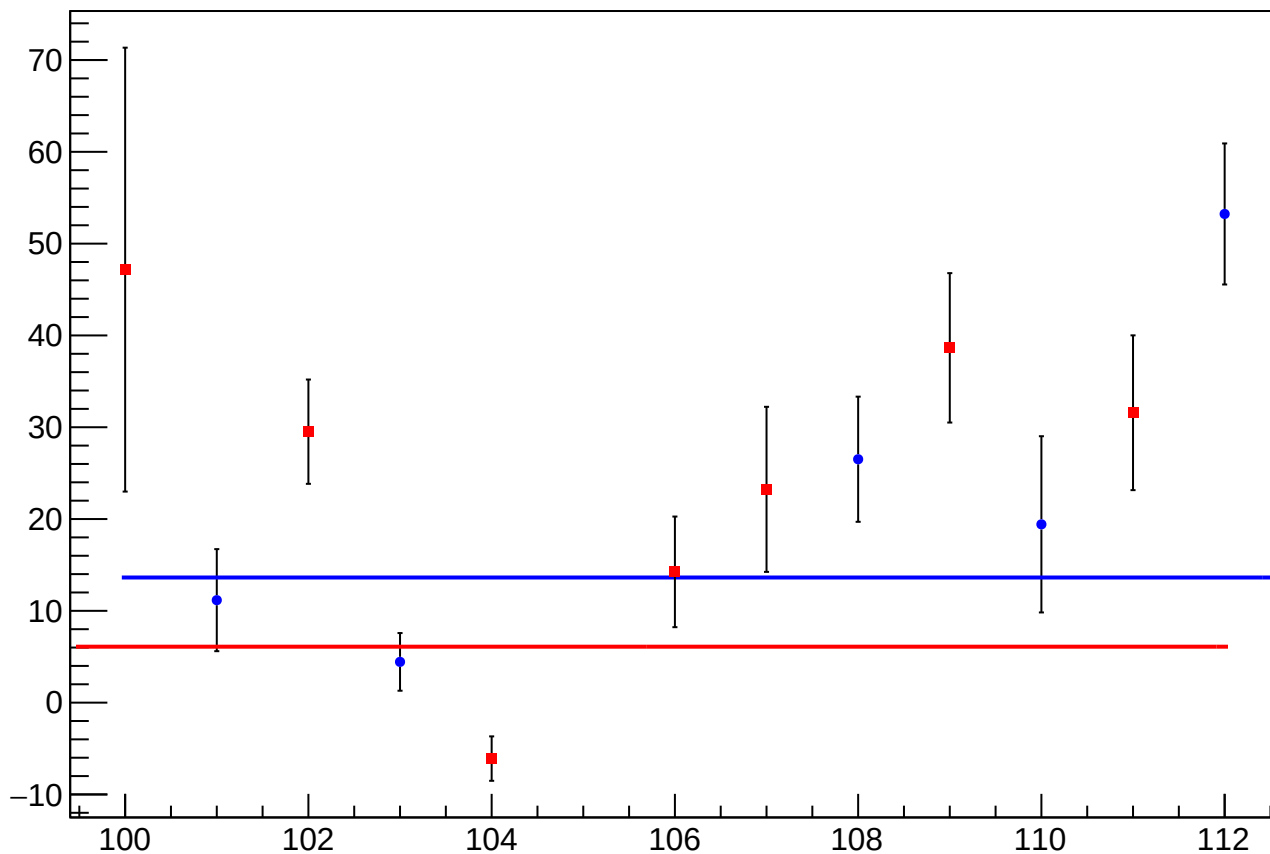
Right: -100.779+/-1.463 χ^2/NDF : 7230.7/11

In: -107.718+/-2.120 χ^2/NDF : 3859.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -100.779+/-1.463 χ^2/NDF : 7230.7/11

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.632 $\pm$ 2.338 χ^2 /NDF: 39.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 6.095 $\pm$ 1.915 χ^2 /NDF: 75.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

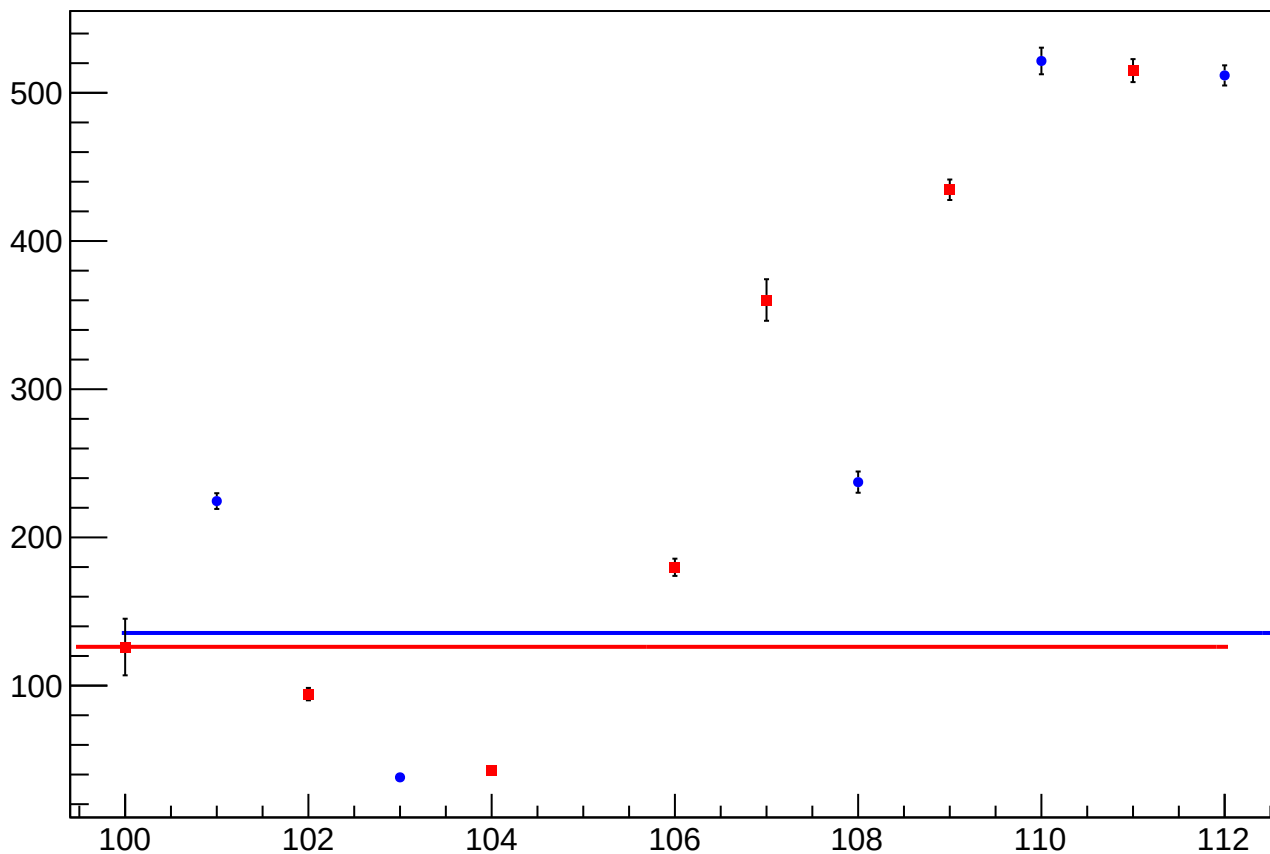
Right: 9.122 $\pm$ 1.482 χ^2 /NDF: 121.3/11

In: 13.632 $\pm$ 2.338 χ^2 /NDF:39.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 9.122 $\pm$ 1.482 χ^2 /NDF: 121.3/11

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 135.525+/-1.909 χ^2/NDF : 7152.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.175+/-1.829 χ^2/NDF : 6084.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

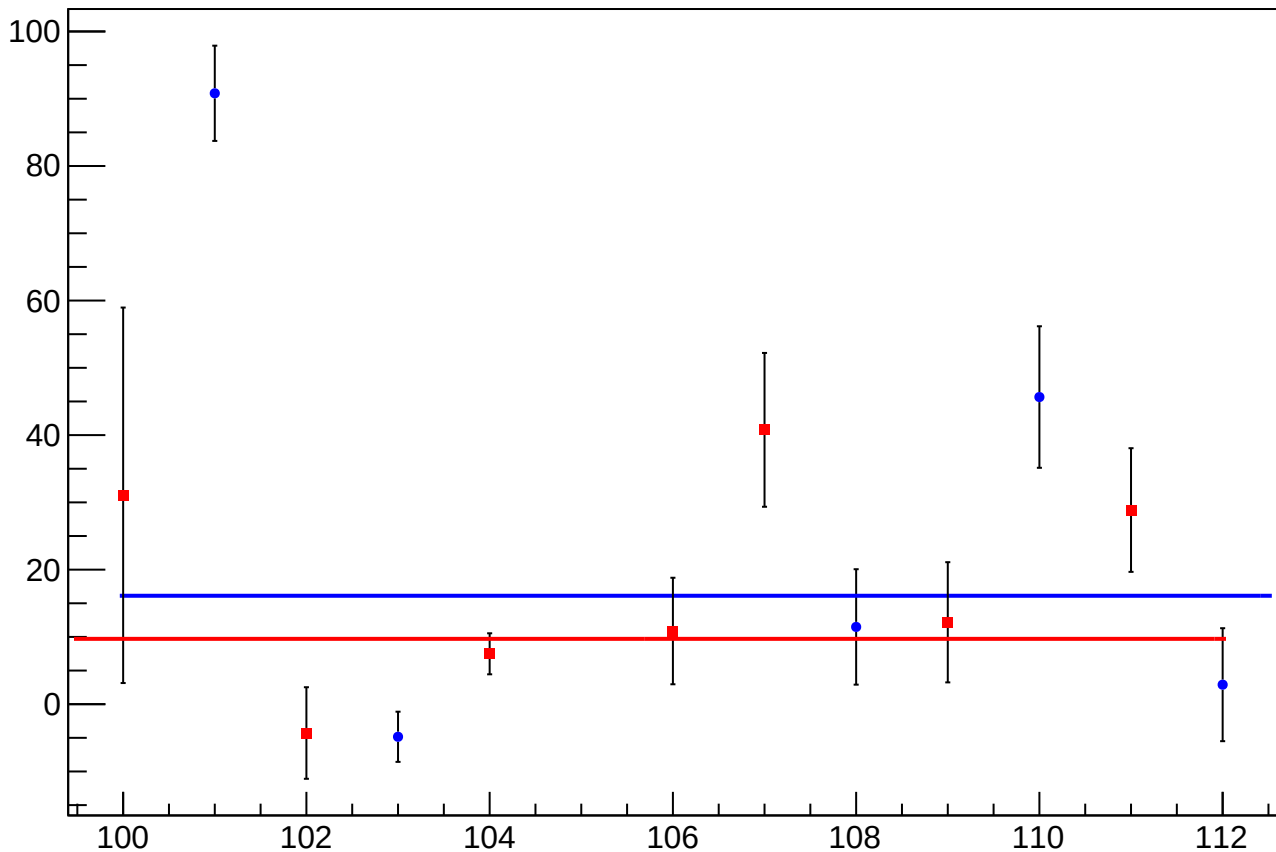
Right: 130.649+/-1.321 χ^2/NDF : 13248.8/11

In: 135.525+/-1.909 χ^2/NDF : 7152.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.649+/-1.321 χ^2/NDF : 13248.8/11

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.119+/-2.788 χ^2/NDF : 153.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.713+/-2.368 χ^2/NDF : 17.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

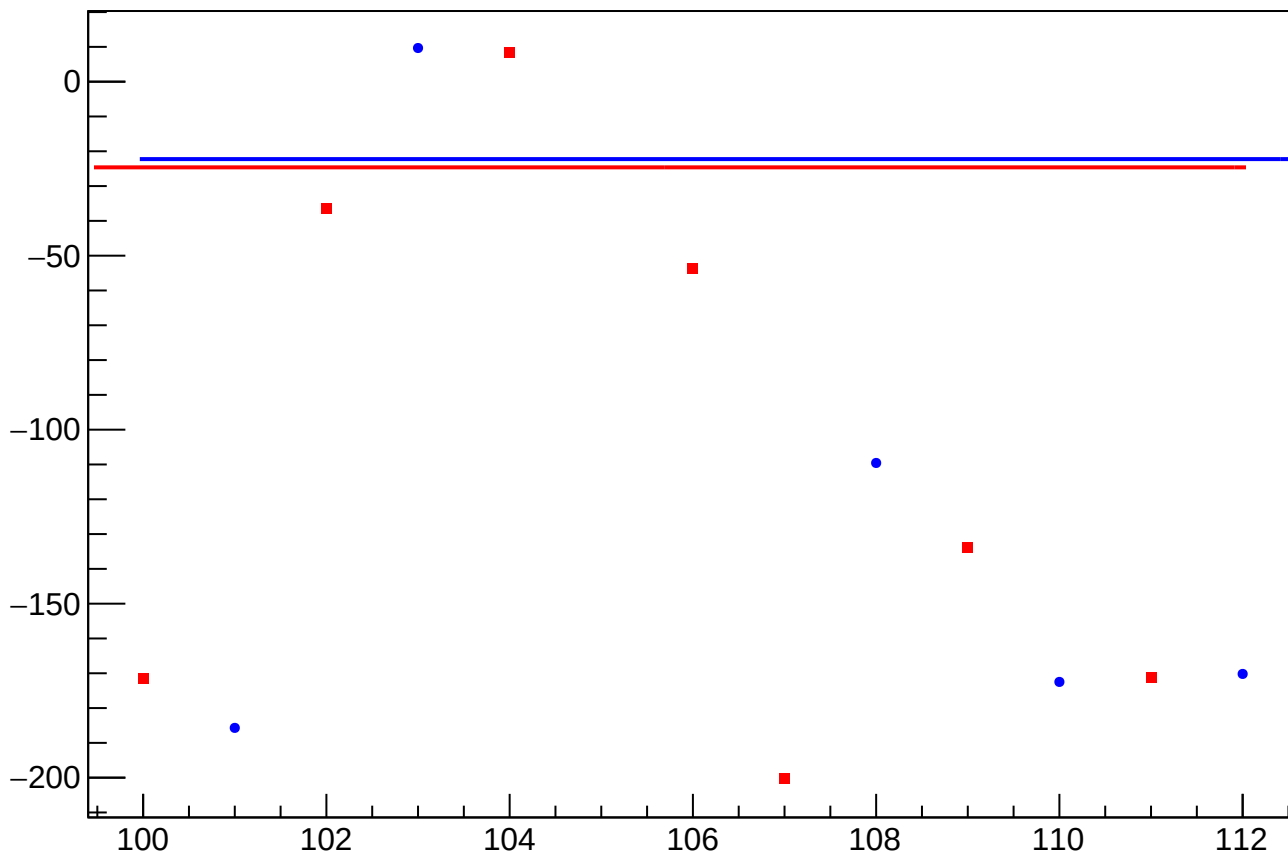
Right: 12.397+/-1.805 χ^2/NDF : 173.8/11

In: 16.119+/-2.788 χ^2/NDF : 153.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.397+/-1.805 χ^2/NDF : 173.8/11

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -22.248+/-0.086 χ^2/NDF : 581902.3/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -24.621+/-0.087 χ^2/NDF : 333319.8/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

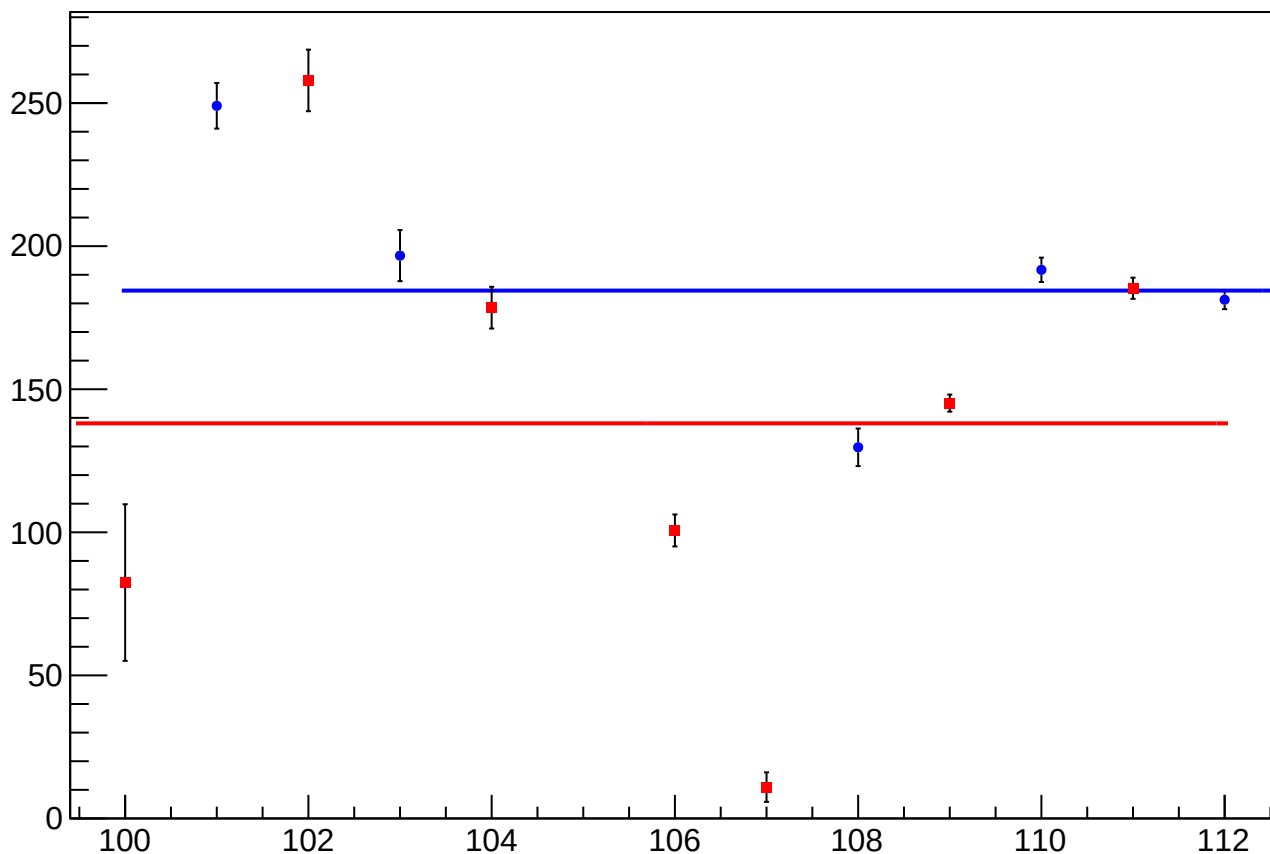
Right: -23.424+/-0.061 χ^2/NDF : 915597.2/11

In: -22.248+/-0.086 χ^2/NDF :581902.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -23.424+/-0.061 χ^2/NDF : 915597.2/11

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 184.472 $\pm$ 2.237 χ^2 /NDF: 141.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 138.076 $\pm$ 1.877 χ^2 /NDF: 979.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

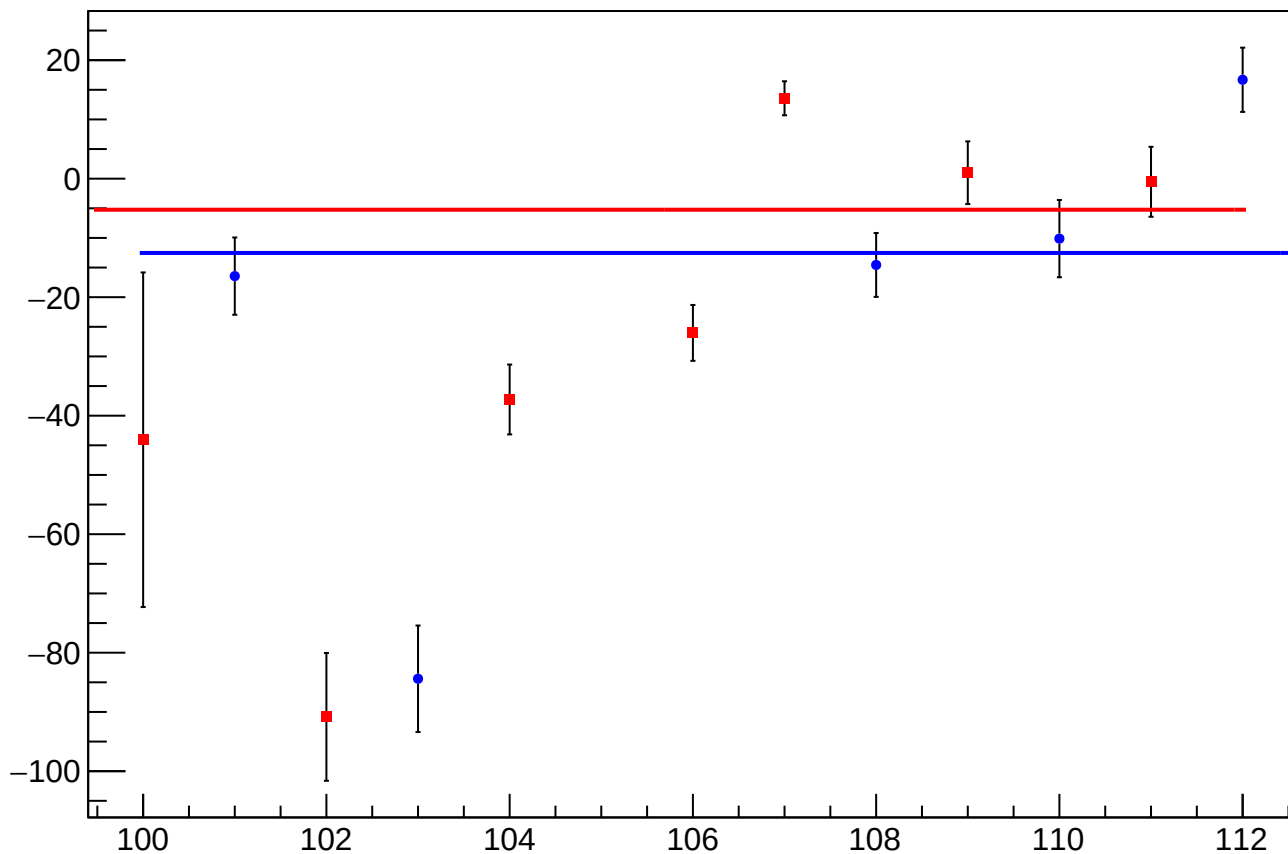
Right: 157.247 $\pm$ 1.438 χ^2 /NDF: 1373.0/11

In: 184.472 $\pm$ 2.237 χ^2 /NDF:141.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 157.247 $\pm$ 1.438 χ^2 /NDF: 1373.0/11

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.534 +/- 2.797 χ^2/NDF : 93.7/4

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -5.238 +/- 1.927 χ^2/NDF : 158.7/6

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

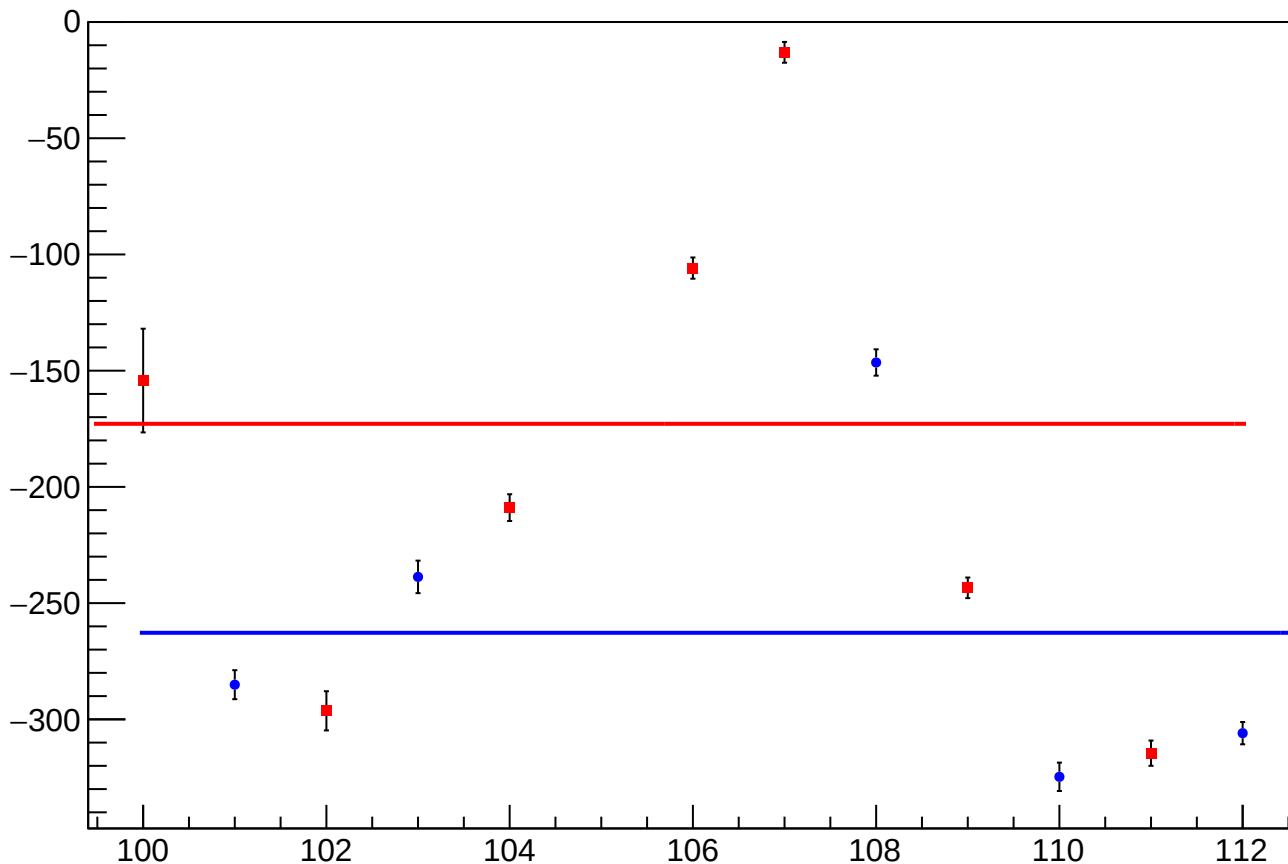
Right: -7.586 +/- 1.587 χ^2/NDF : 257.0/11

In: -12.534 +/- 2.797 χ^2/NDF : 93.7/4

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -7.586 +/- 1.587 χ^2/NDF : 257.0/11

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -262.759+/-2.603 χ^2/NDF : 629.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -172.858+/-2.090 χ^2/NDF : 2678.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

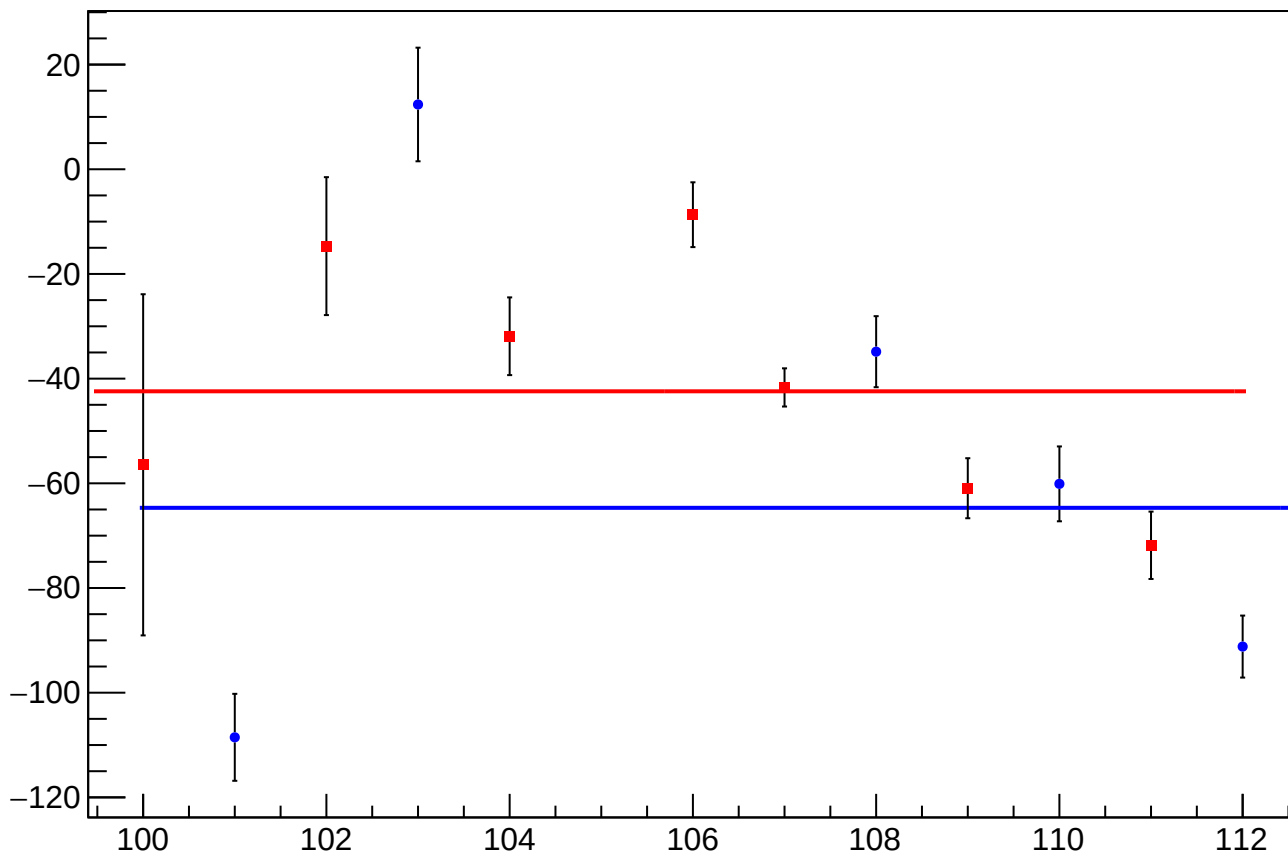
Right: -208.087+/-1.629 χ^2/NDF : 4033.7/11

In: -262.759+/-2.603 χ^2/NDF : 629.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -208.087+/-1.629 χ^2/NDF : 4033.7/11

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -64.681 $\pm$ 3.283 χ^2 /NDF: 118.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -42.421 $\pm$ 2.353 χ^2 /NDF: 67.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

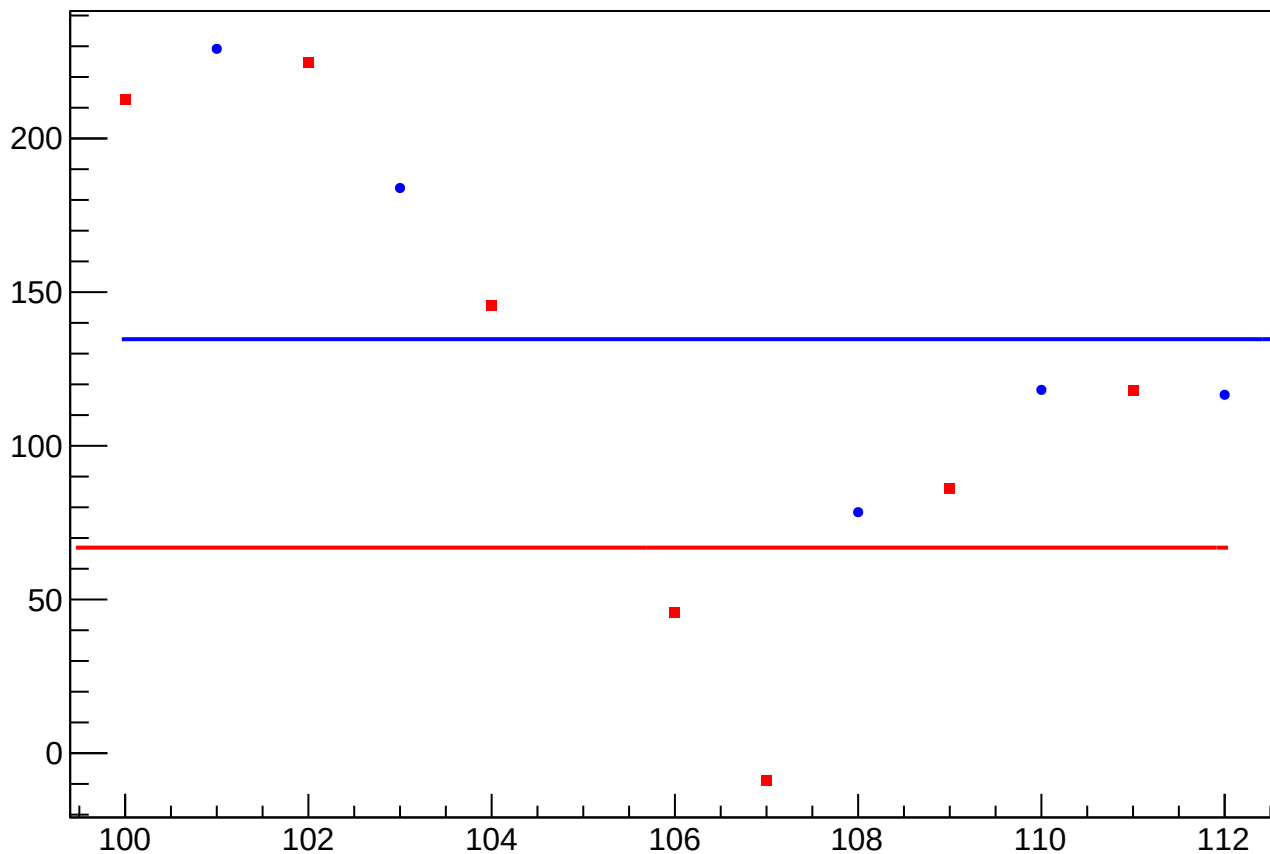
Right: -49.974 $\pm$ 1.913 χ^2 /NDF: 216.1/11

In: -64.681 $\pm$ 3.283 χ^2 /NDF:118.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -49.974 $\pm$ 1.913 χ^2 /NDF: 216.1/11

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 134.689+/-0.144 χ^2/NDF : 153778.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.875+/-0.107 χ^2/NDF : 477287.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

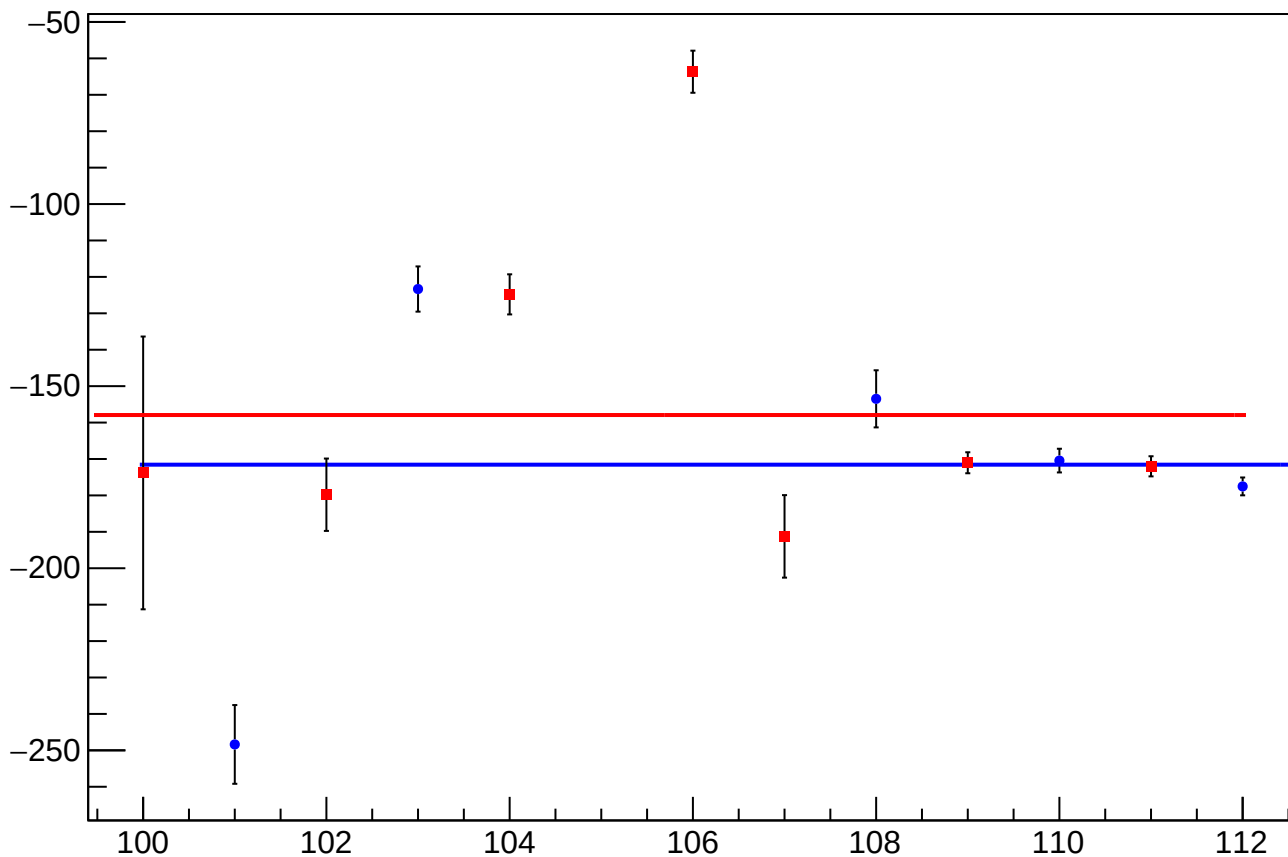
Right: 90.810+/-0.086 χ^2/NDF : 773888.1/11

In: 134.689+/-0.144 χ^2/NDF : 153778.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.810+/-0.086 χ^2/NDF : 773888.1/11

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -171.562 $\pm$ 1.790 χ^2 /NDF: 122.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -157.928 $\pm$ 1.733 χ^2 /NDF: 362.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

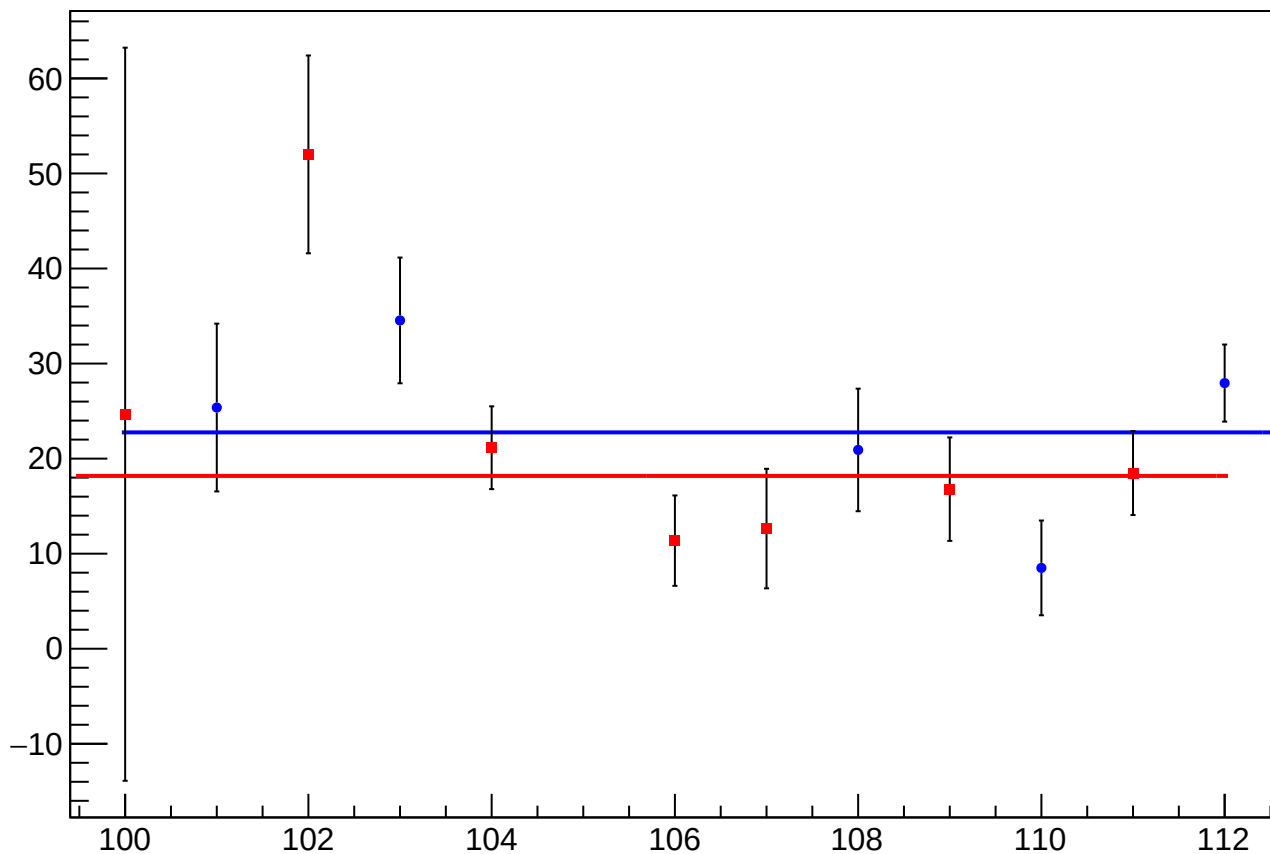
Right: -164.524 $\pm$ 1.245 χ^2 /NDF: 514.7/11

In: -171.562 $\pm$ 1.790 χ^2 /NDF:122.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -164.524 $\pm$ 1.245 χ^2 /NDF: 514.7/11

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.759+/-2.493 χ^2/NDF : 13.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.181+/-2.146 χ^2/NDF : 14.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

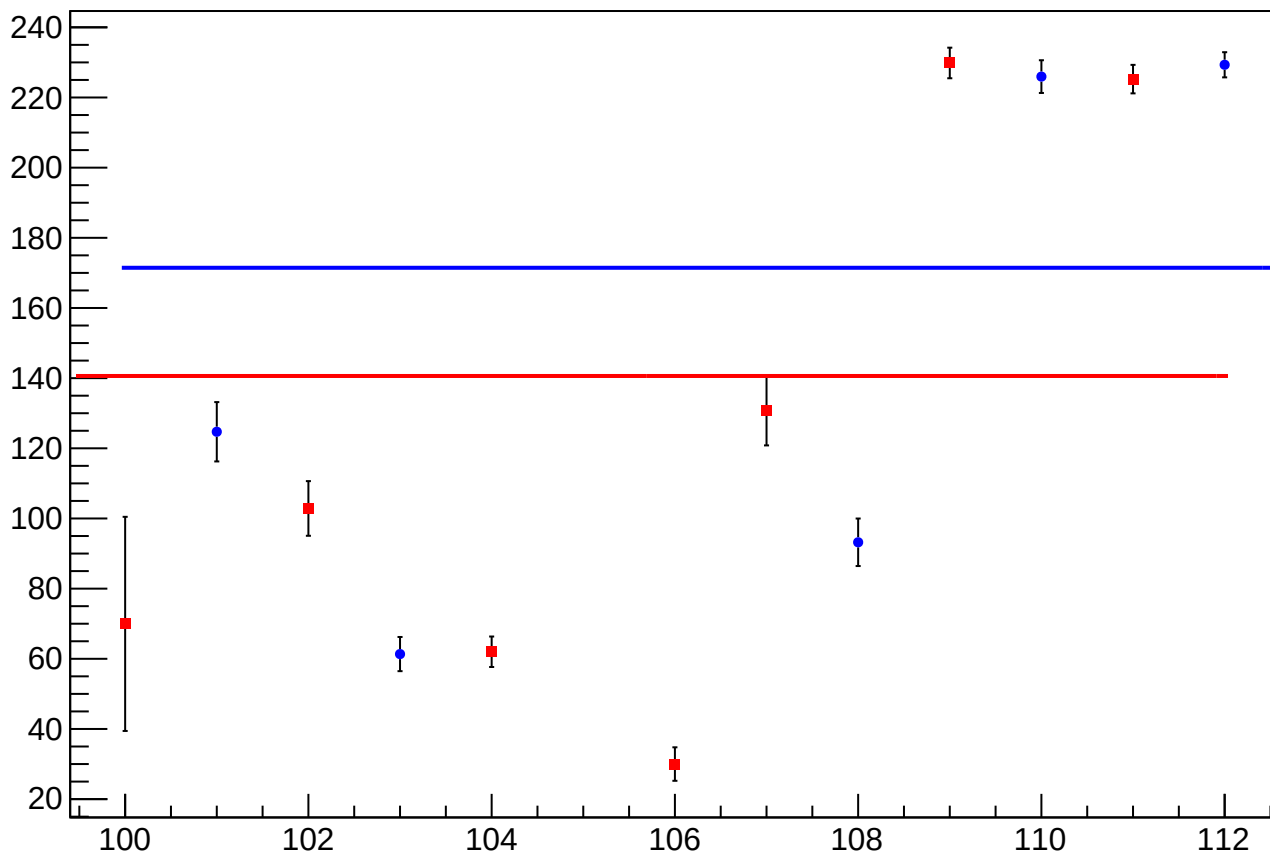
Right: 20.129+/-1.626 χ^2/NDF : 29.1/11

In: 22.759+/-2.493 χ^2/NDF : 13.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.129+/-1.626 χ^2/NDF : 29.1/11

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 171.462 $\pm$ 2.227 χ^2 /NDF: 1071.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 140.617 $\pm$ 2.050 χ^2 /NDF: 1747.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

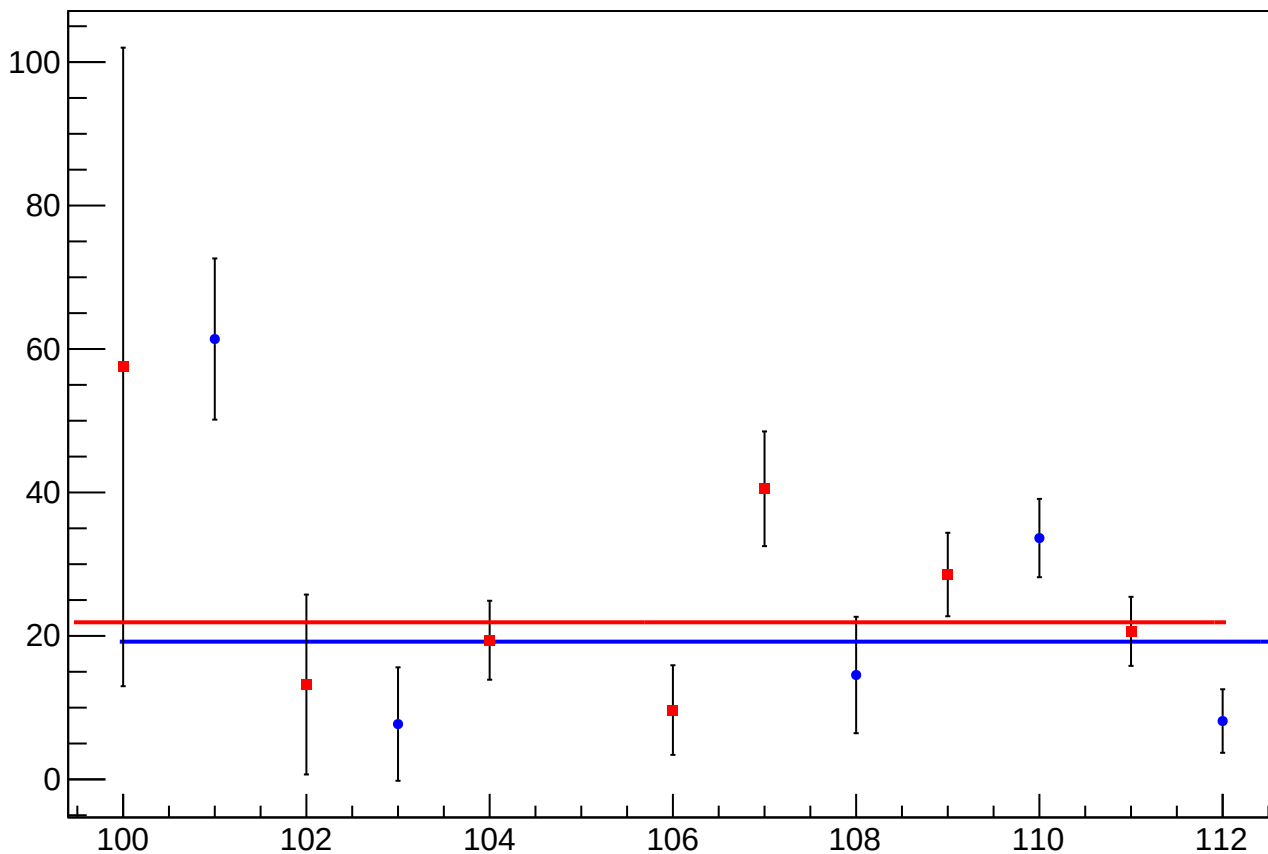
Right: 154.762 $\pm$ 1.508 χ^2 /NDF: 2923.0/11

In: 171.462 $\pm$ 2.227 χ^2 /NDF:1071.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 154.762 $\pm$ 1.508 χ^2 /NDF: 2923.0/11

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 19.200+/-2.844 χ^2/NDF : 29.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.899+/-2.550 χ^2/NDF : 12.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

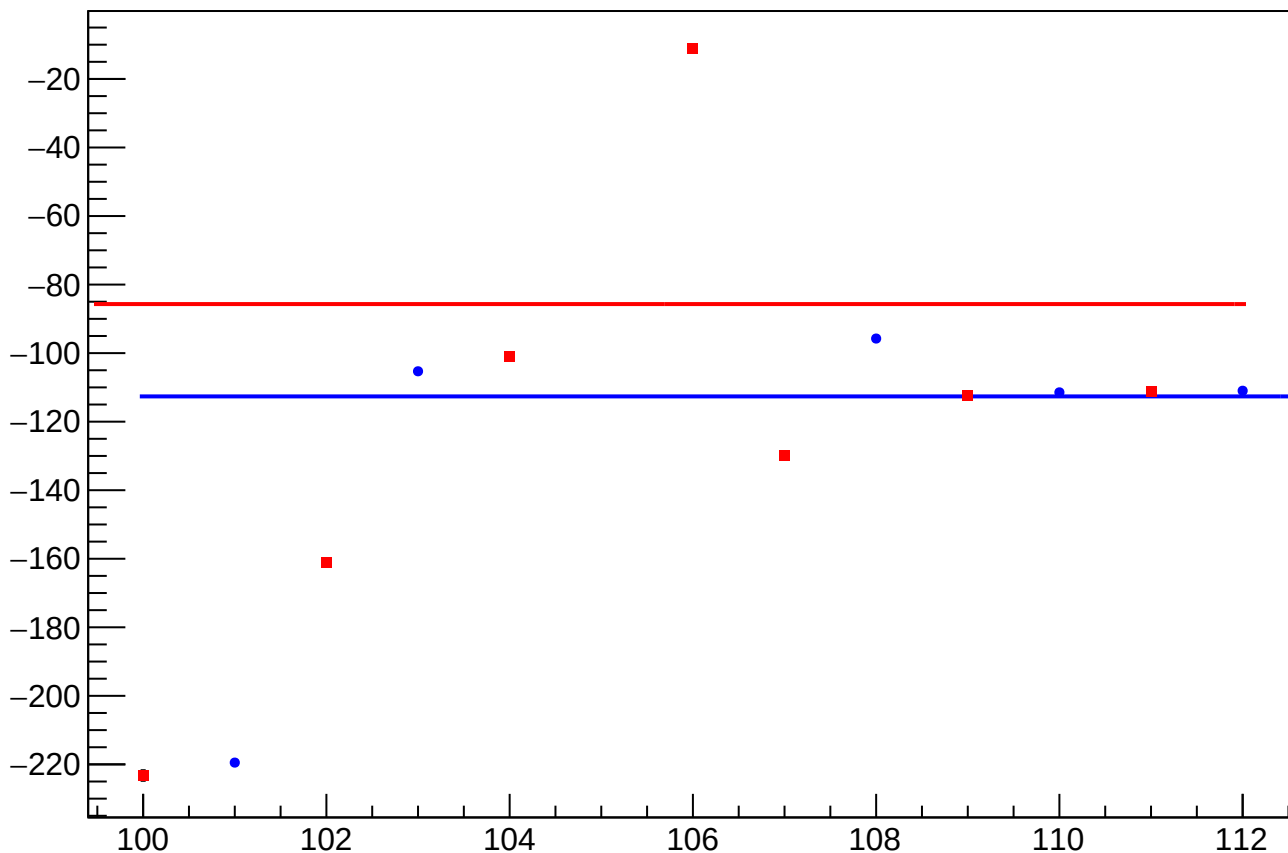
Right: 20.697+/-1.899 χ^2/NDF : 42.2/11

In: 19.200+/-2.844 χ^2/NDF : 29.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.697+/-1.899 χ^2/NDF : 42.2/11

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -112.629+/-0.129 χ^2/NDF : 50242.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -85.686+/-0.110 χ^2/NDF : 229195.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

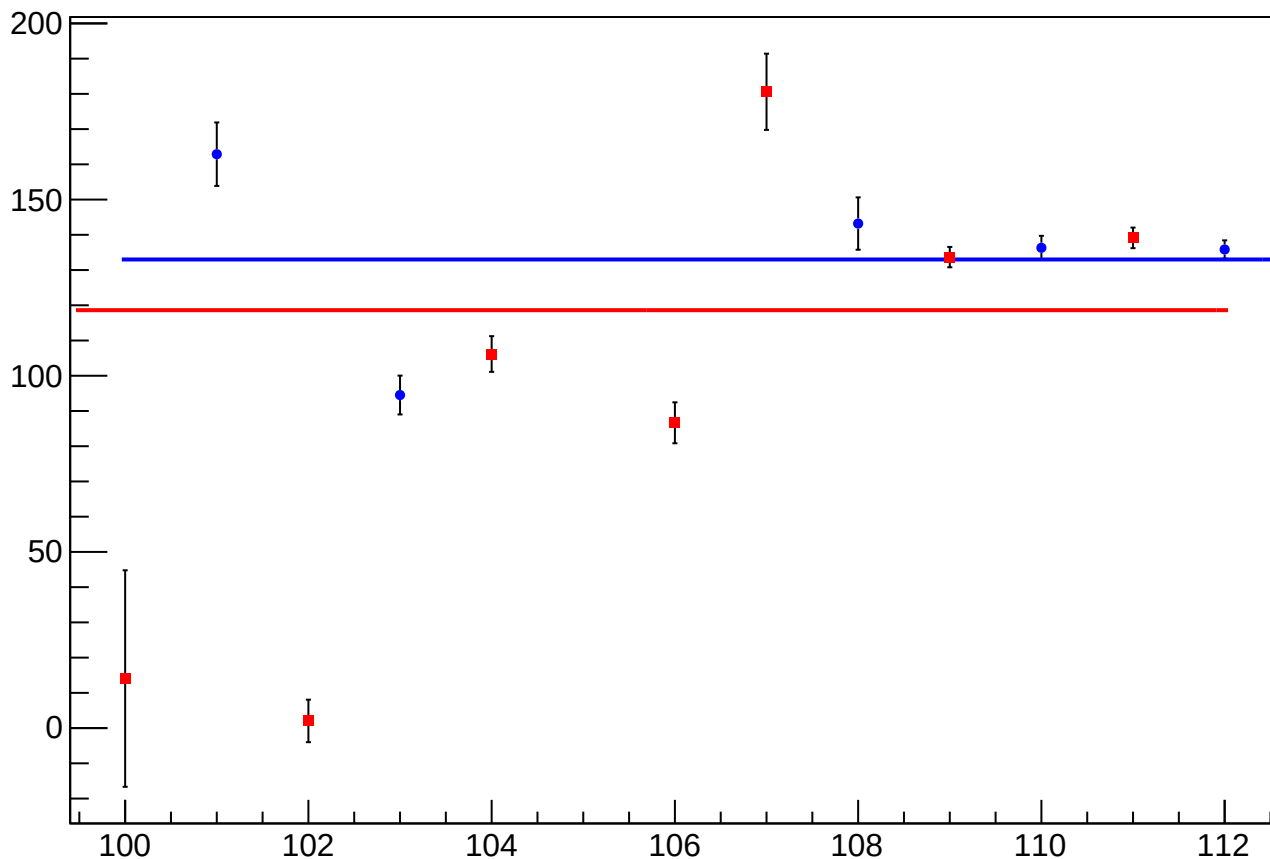
Right: -97.002+/-0.084 χ^2/NDF : 304780.0/11

In: -112.629+/-0.129 χ^2/NDF : 50242.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -97.002+/-0.084 χ^2/NDF : 304780.0/11

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 133.000 $\pm$ 1.825 χ^2 /NDF: 63.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 118.612 $\pm$ 1.707 χ^2 /NDF: 530.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

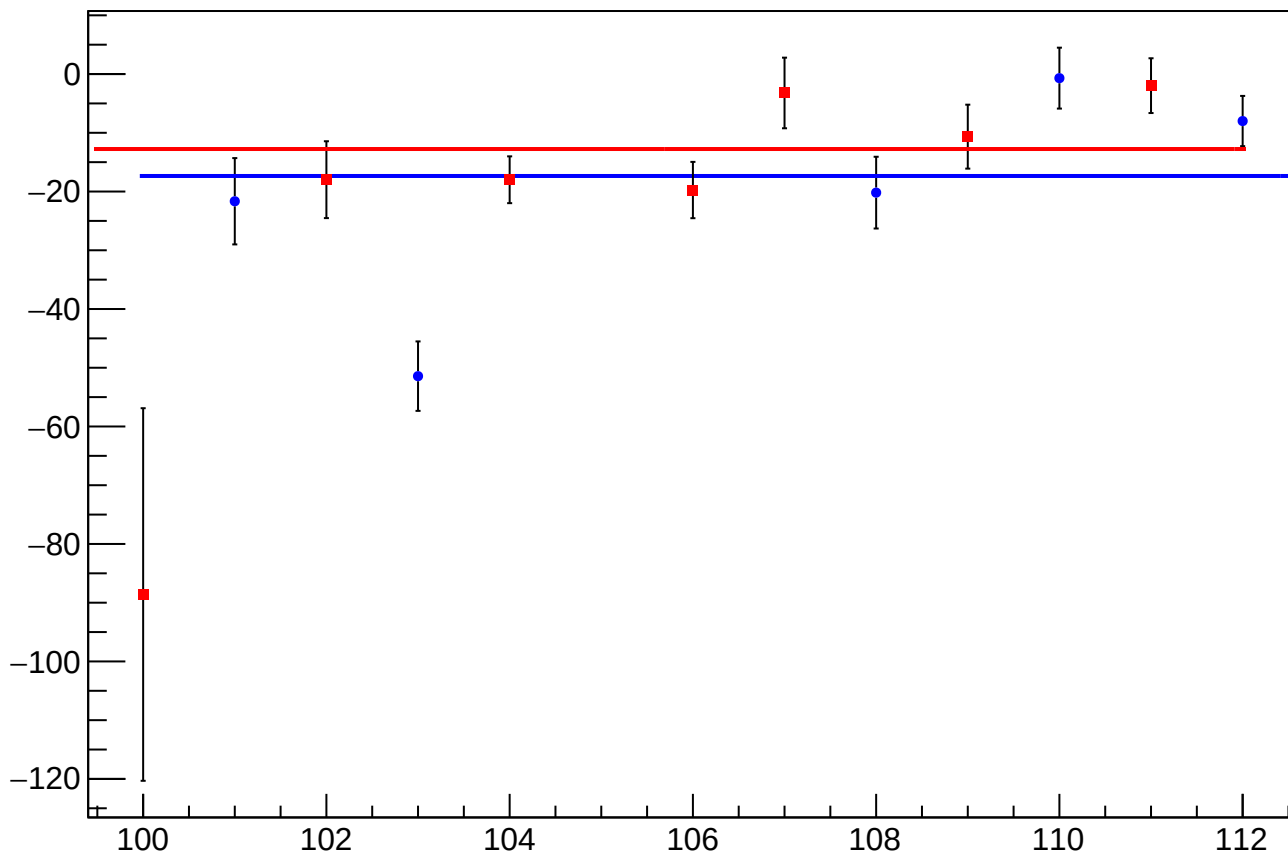
Right: 125.325 $\pm$ 1.247 χ^2 /NDF: 627.8/11

In: 133.000 $\pm$ 1.825 χ^2 /NDF: 63.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 125.325 $\pm$ 1.247 χ^2 /NDF: 627.8/11

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.352 ± 2.456 $\chi^2/\text{NDF}: 48.9/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -12.760 ± 2.048 $\chi^2/\text{NDF}: 18.2/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

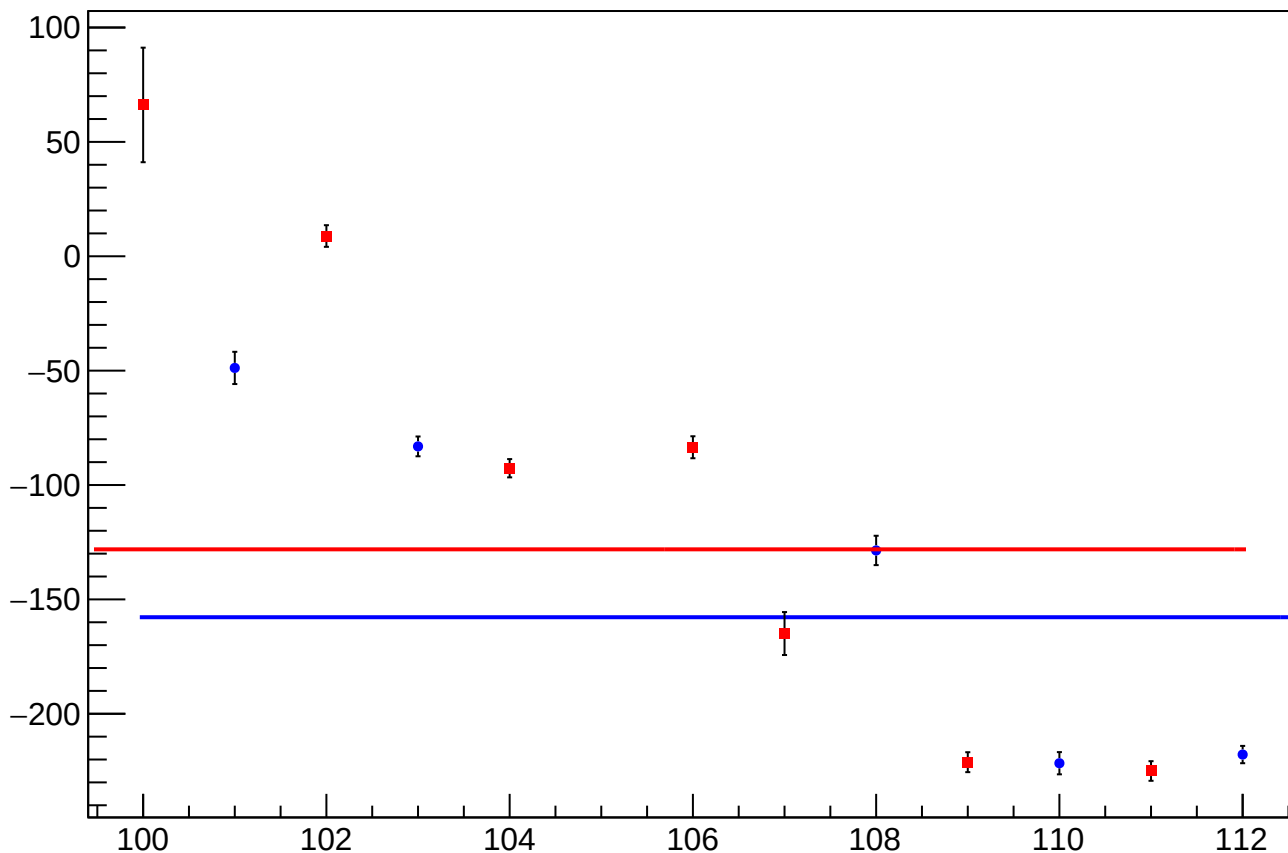
Right: -14.644 ± 1.573 $\chi^2/\text{NDF}: 69.2/11$

In: -17.352 ± 2.456 $\chi^2/\text{NDF}: 48.9/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -14.644 ± 1.573 $\chi^2/\text{NDF}: 69.2/11$

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -157.795+/-2.182 χ^2 /NDF: 982.3/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -128.119+/-1.922 χ^2 /NDF: 2045.8/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

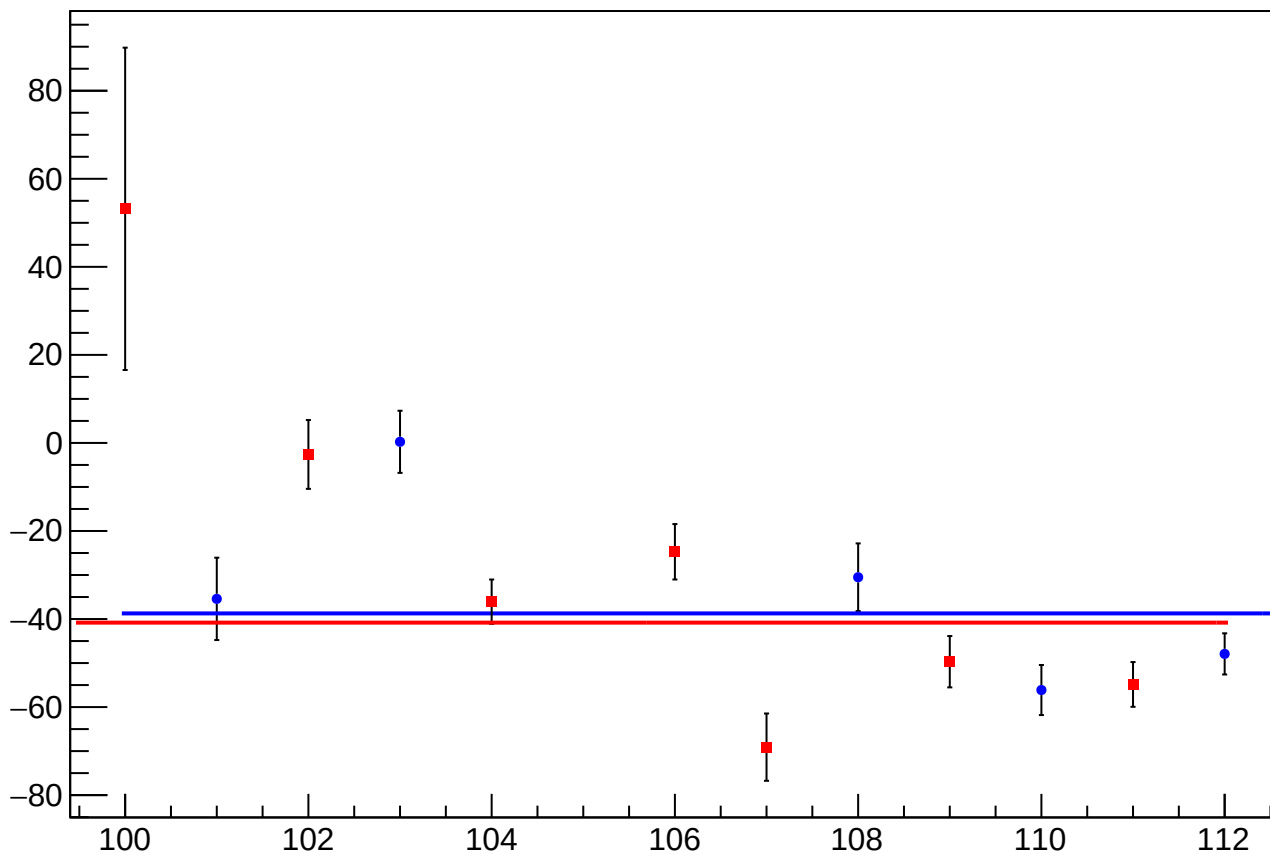
Right: -141.086+/-1.442 χ^2 /NDF: 3132.3/11

In: -157.795+/-2.182 χ^2 /NDF:982.3/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -141.086+/-1.442 χ^2 /NDF: 3132.3/11

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -38.724+/-2.827 χ^2/NDF : 45.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -40.818+/-2.447 χ^2/NDF : 61.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

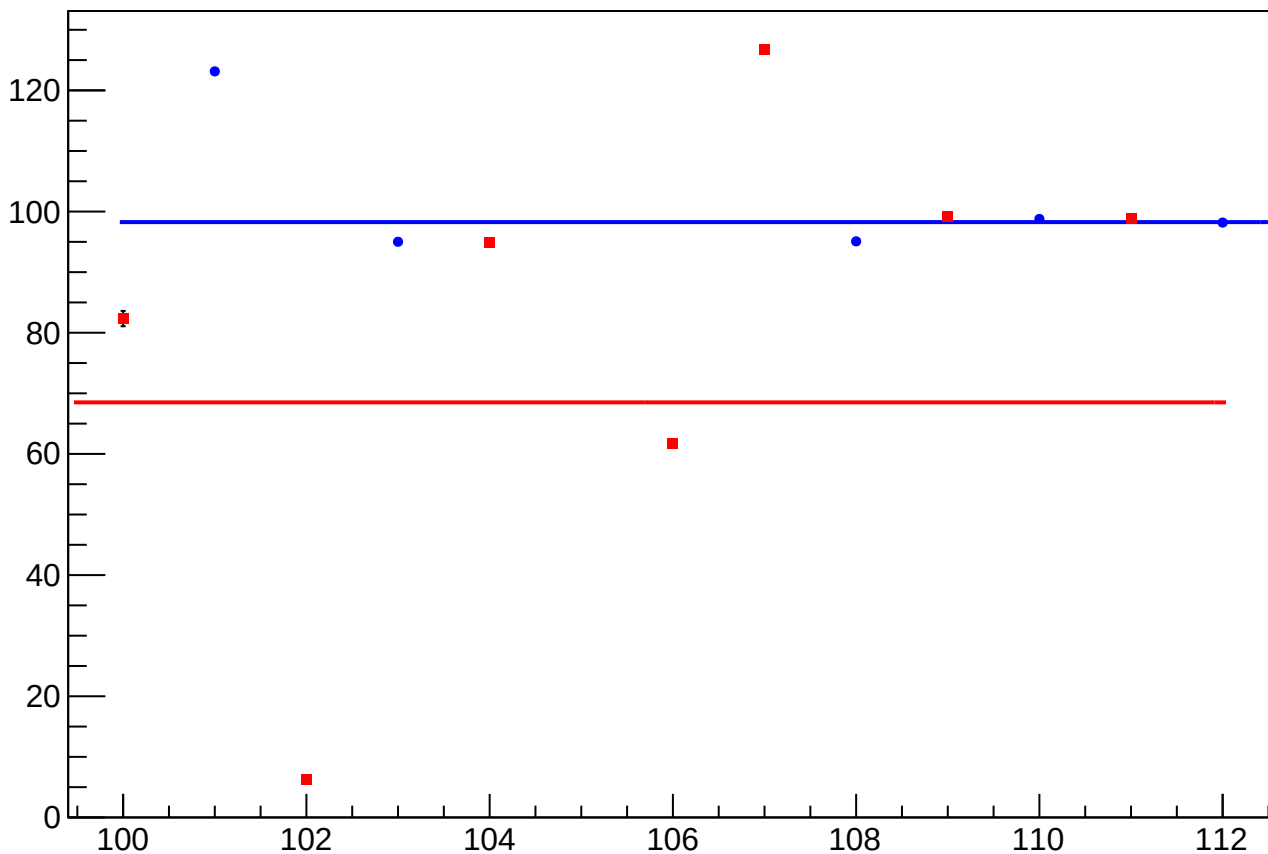
Right: -39.921+/-1.850 χ^2/NDF : 106.9/11

In: -38.724+/-2.827 χ^2/NDF : 45.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.921+/-1.850 χ^2/NDF : 106.9/11

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 98.259+/-0.121 χ^2/NDF : 4013.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.507+/-0.099 χ^2/NDF : 155791.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

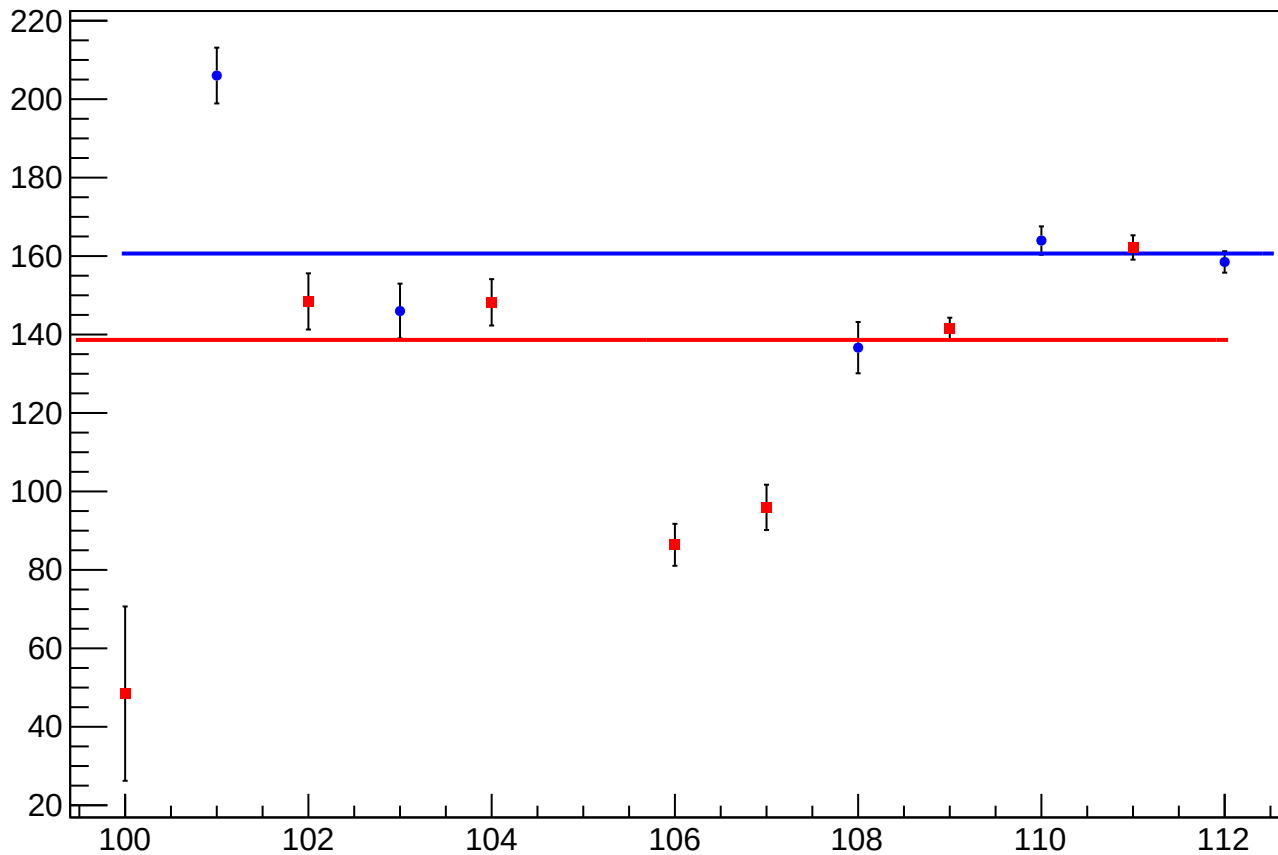
Right: 80.380+/-0.077 χ^2/NDF : 196075.6/11

In: 98.259+/-0.121 χ^2/NDF : 4013.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.380+/-0.077 χ^2/NDF : 196075.6/11

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 160.651+/-1.910 χ^2/NDF : 60.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 138.631+/-1.693 χ^2/NDF : 229.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

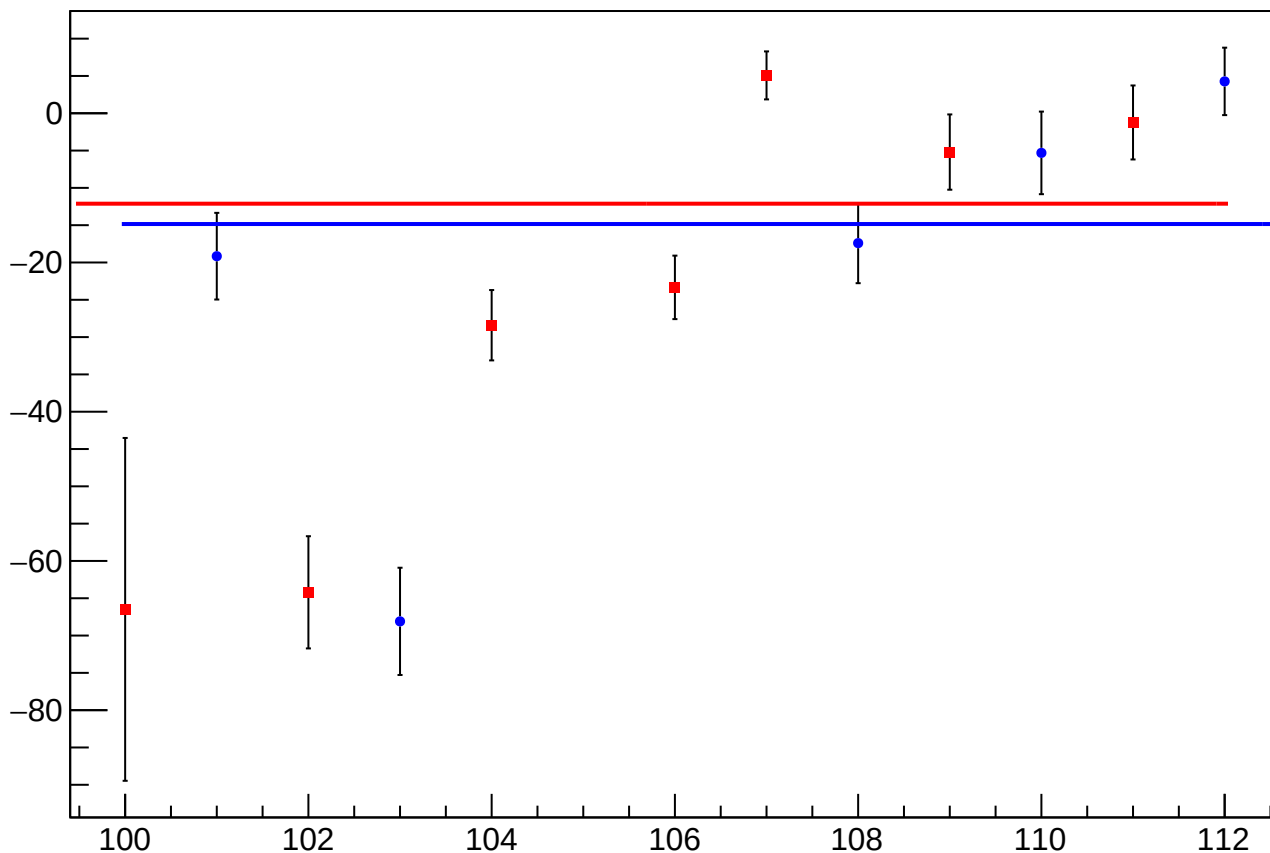
Right: 148.320+/-1.267 χ^2/NDF : 364.2/11

In: 160.651+/-1.910 χ^2/NDF : 60.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.320+/-1.267 χ^2/NDF : 364.2/11

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -14.845 $\pm$ 2.460 χ^2 /NDF: 76.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -12.120 $\pm$ 1.837 χ^2 /NDF: 107.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

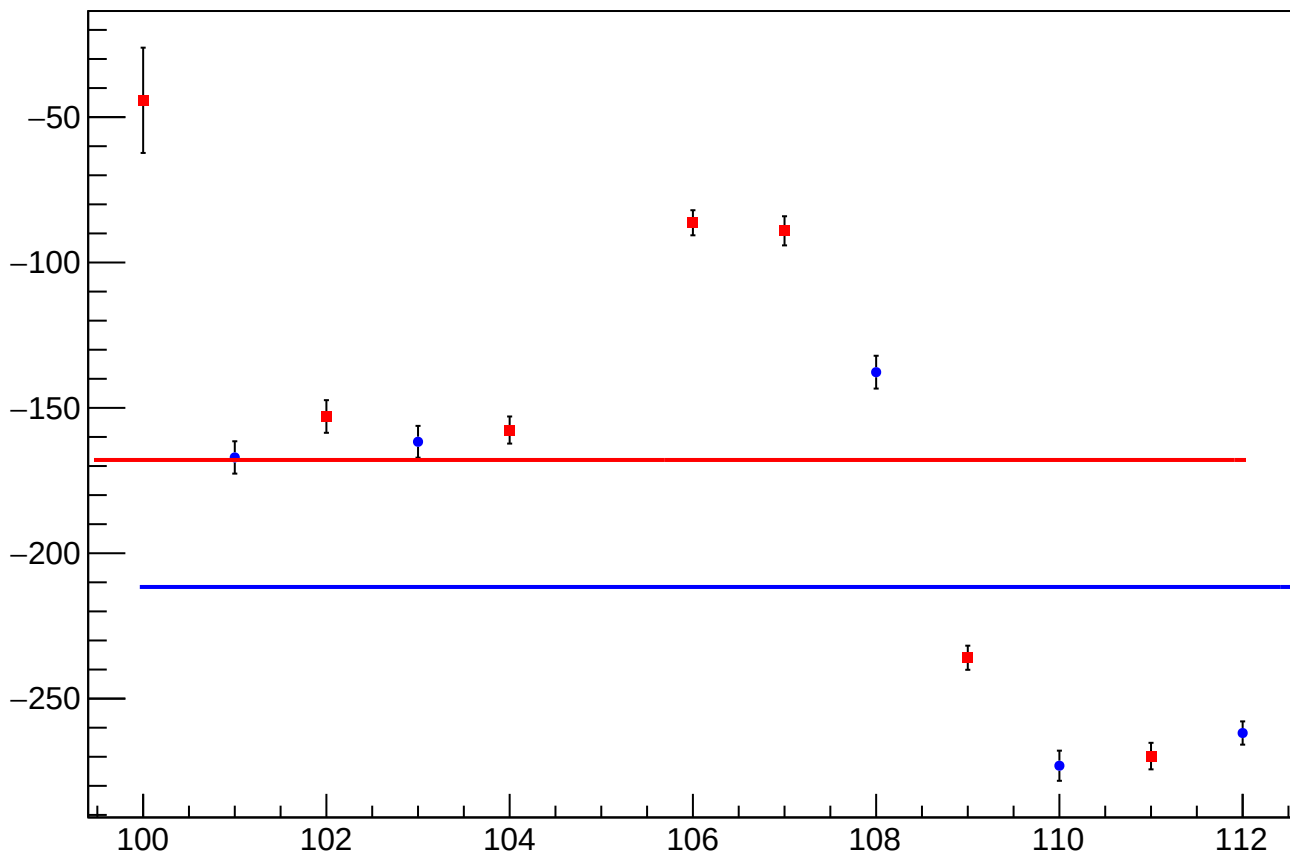
Right: -13.095 $\pm$ 1.472 χ^2 /NDF: 185.1/11

In: -14.845 $\pm$ 2.460 χ^2 /NDF:76.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -13.095 $\pm$ 1.472 χ^2 /NDF: 185.1/11

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -211.597 $\pm$ 2.254 χ^2 /NDF: 617.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -167.917 $\pm$ 1.888 χ^2 /NDF: 1430.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

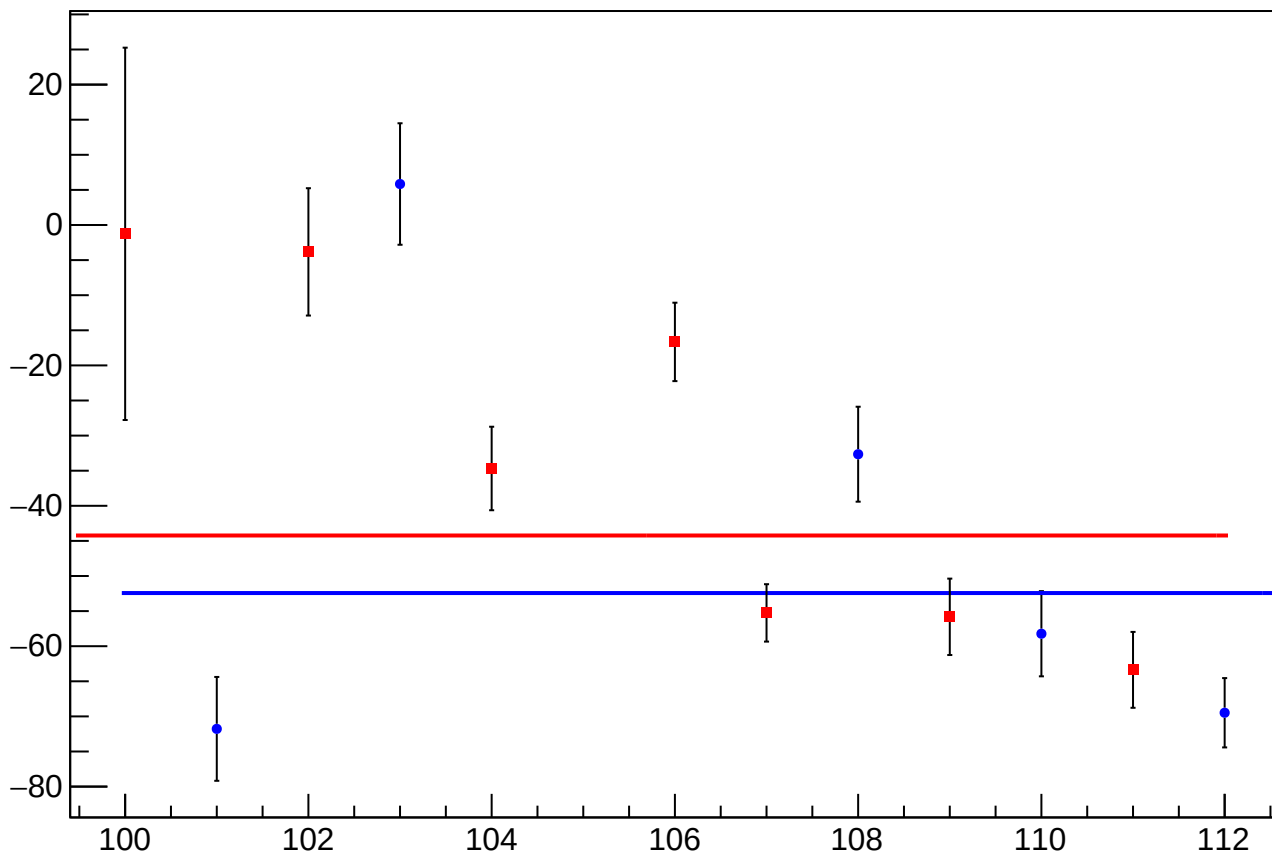
Right: -185.932 $\pm$ 1.447 χ^2 /NDF: 2268.9/11

In: -211.597 $\pm$ 2.254 χ^2 /NDF:617.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -185.932 $\pm$ 1.447 χ^2 /NDF: 2268.9/11

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -52.428 $\pm$ 2.867 χ^2 /NDF: 73.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -44.230 $\pm$ 2.226 χ^2 /NDF: 73.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

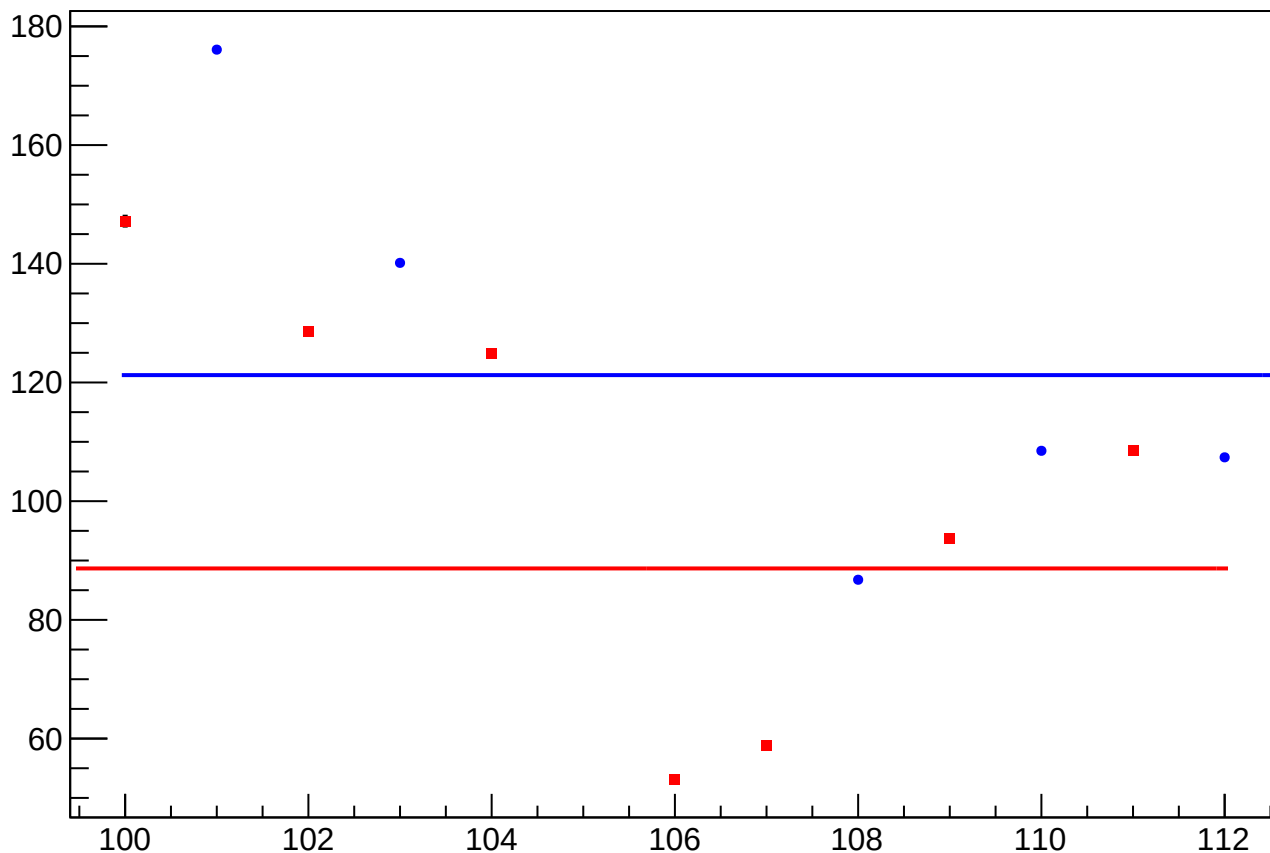
Right: -47.314 $\pm$ 1.758 χ^2 /NDF: 152.4/11

In: -52.428 $\pm$ 2.867 χ^2 /NDF:73.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -47.314 $\pm$ 1.758 χ^2 /NDF: 152.4/11

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 121.242+/-0.127 χ^2/NDF : 59071.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.665+/-0.096 χ^2/NDF : 115091.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

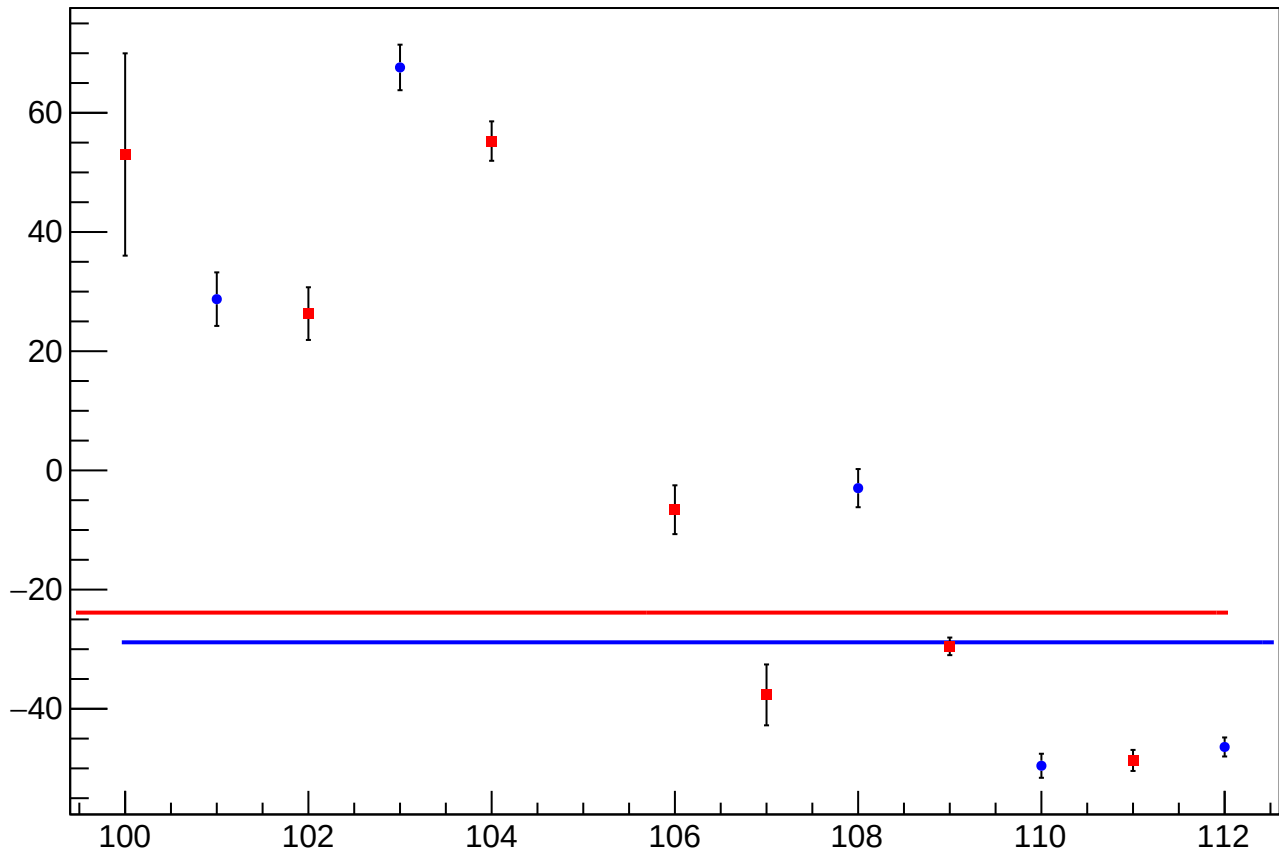
Right: 100.566+/-0.077 χ^2/NDF : 215887.2/11

In: 121.242+/-0.127 χ^2/NDF : 59071.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.566+/-0.077 χ^2/NDF : 215887.2/11

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -28.845+/-1.082 χ^2/NDF : 1093.7/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -23.861+/-0.988 χ^2/NDF : 958.5/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

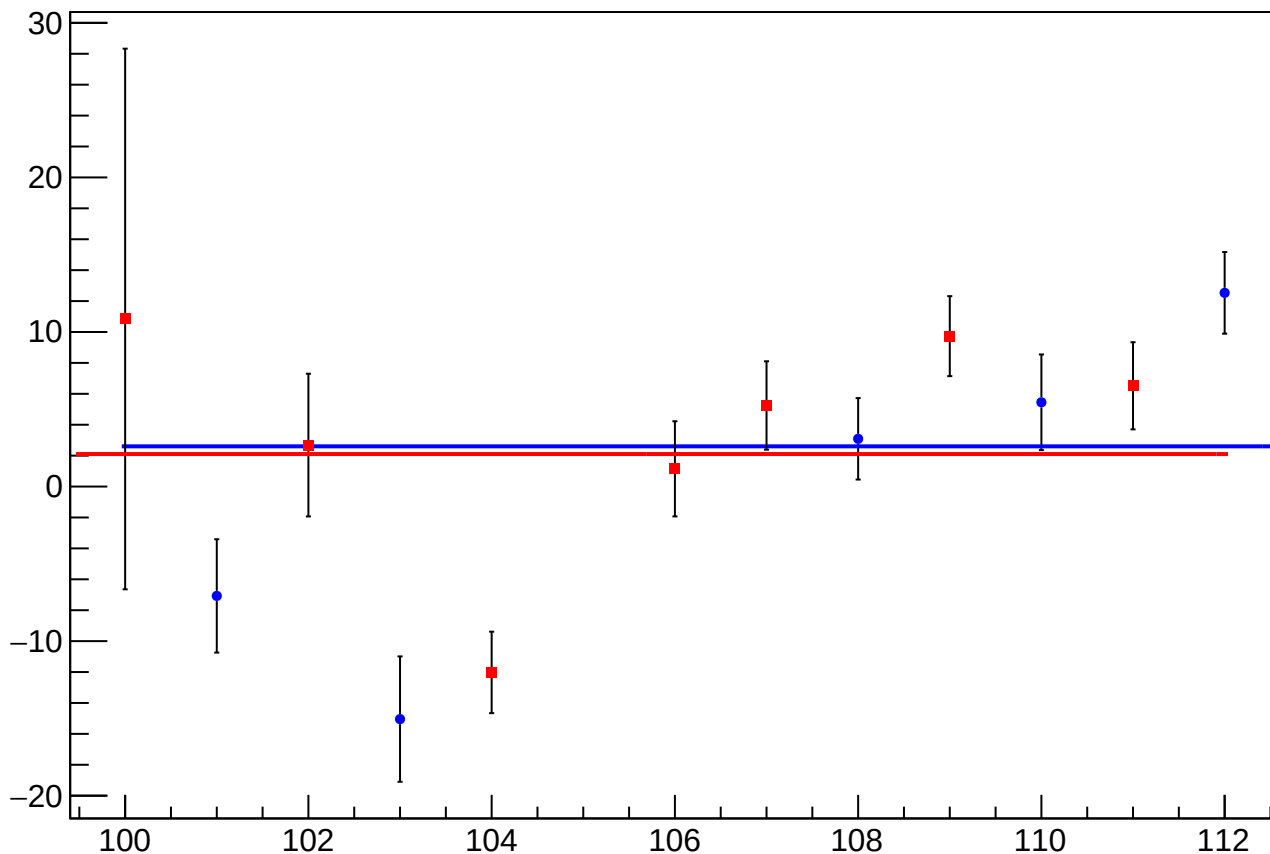
Right: -26.127+/-0.730 χ^2/NDF : 2063.8/11

In: -28.845+/-1.082 χ^2/NDF :1093.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -26.127+/-0.730 χ^2/NDF : 2063.8/11

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.602 $\pm$ 1.377 χ^2 /NDF: 40.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.103 $\pm$ 1.197 χ^2 /NDF: 41.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

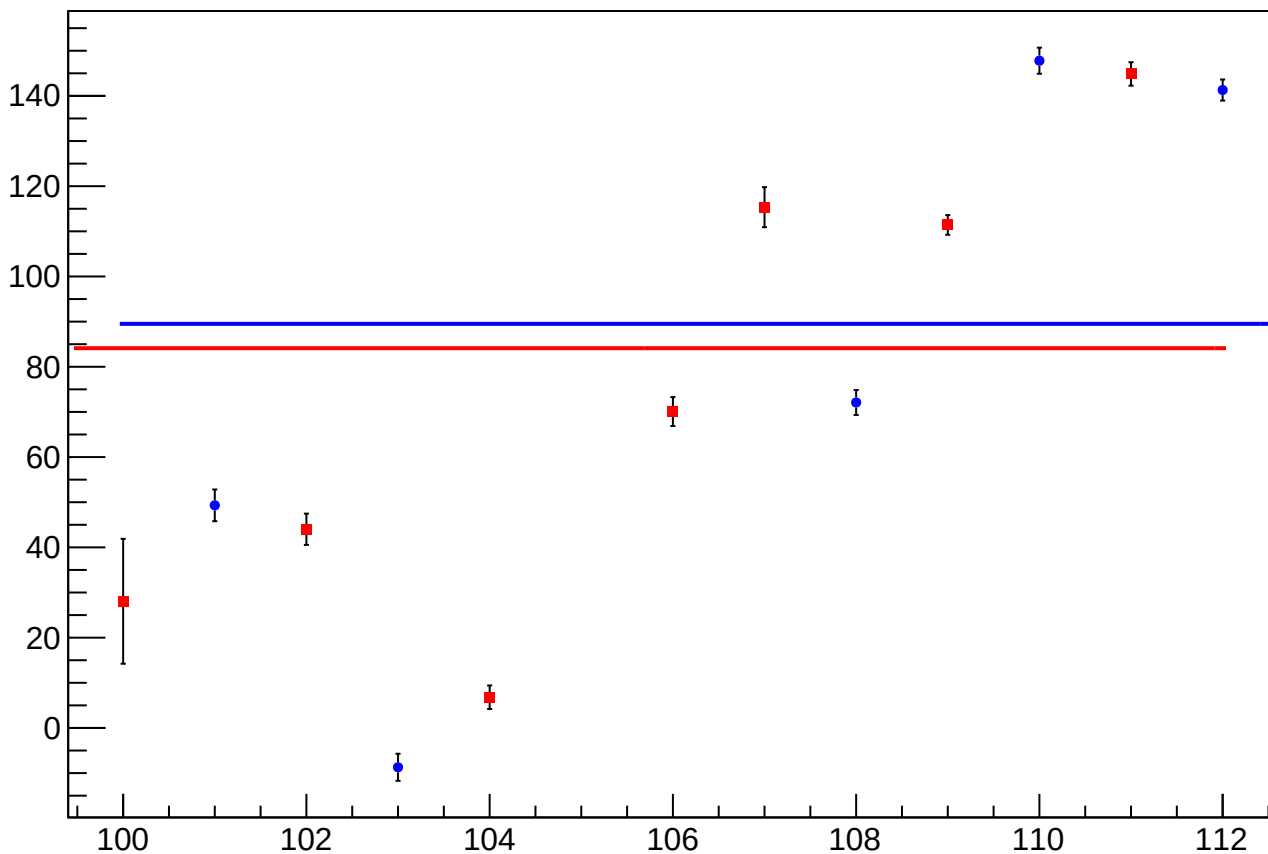
Right: 2.318 $\pm$ 0.904 χ^2 /NDF: 82.5/11

In: 2.602 $\pm$ 1.377 χ^2 /NDF:40.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.318 $\pm$ 0.904 χ^2 /NDF: 82.5/11

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 89.511+/-1.264 χ^2/NDF : 2142.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.113+/-1.160 χ^2/NDF : 1801.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

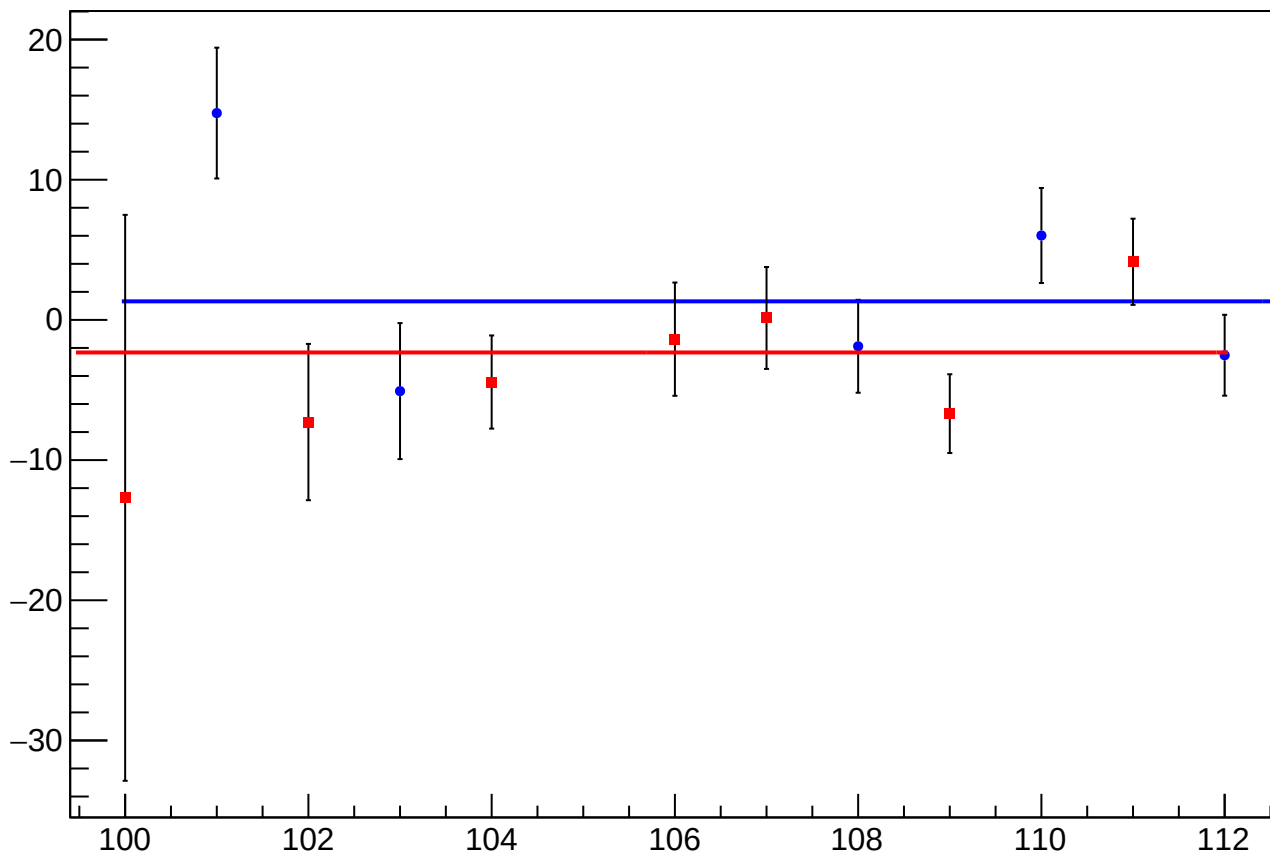
Right: 86.582+/-0.855 χ^2/NDF : 3954.1/11

In: 89.511+/-1.264 χ^2/NDF : 2142.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.582+/-0.855 χ^2/NDF : 3954.1/11

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.324+/-1.608 χ^2/NDF : 14.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.322+/-1.422 χ^2/NDF : 8.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

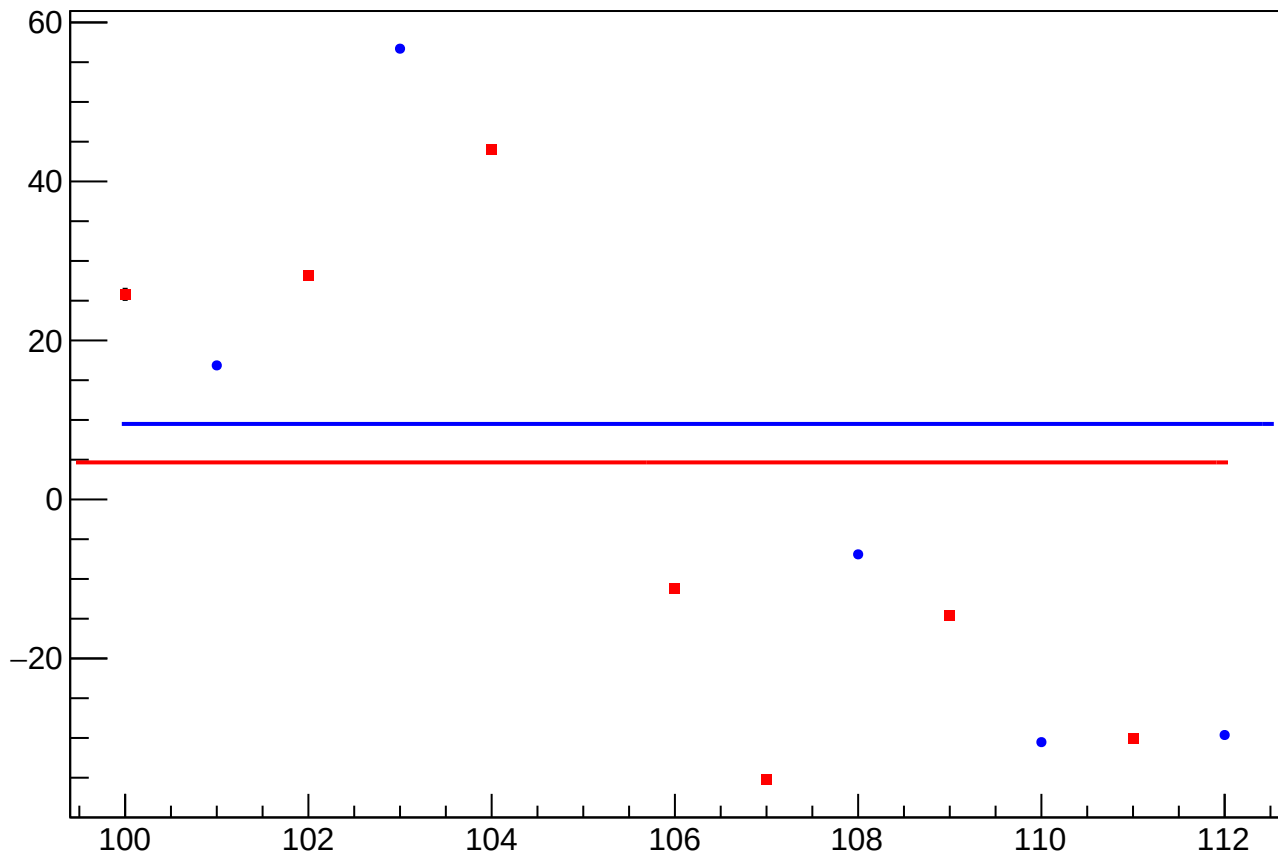
Right: -0.723+/-1.065 χ^2/NDF : 26.4/11

In: 1.324+/-1.608 χ^2/NDF : 14.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.723+/-1.065 χ^2/NDF : 26.4/11

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 9.500+/-0.069 χ^2/NDF : 236643.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.660+/-0.063 χ^2/NDF : 227336.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

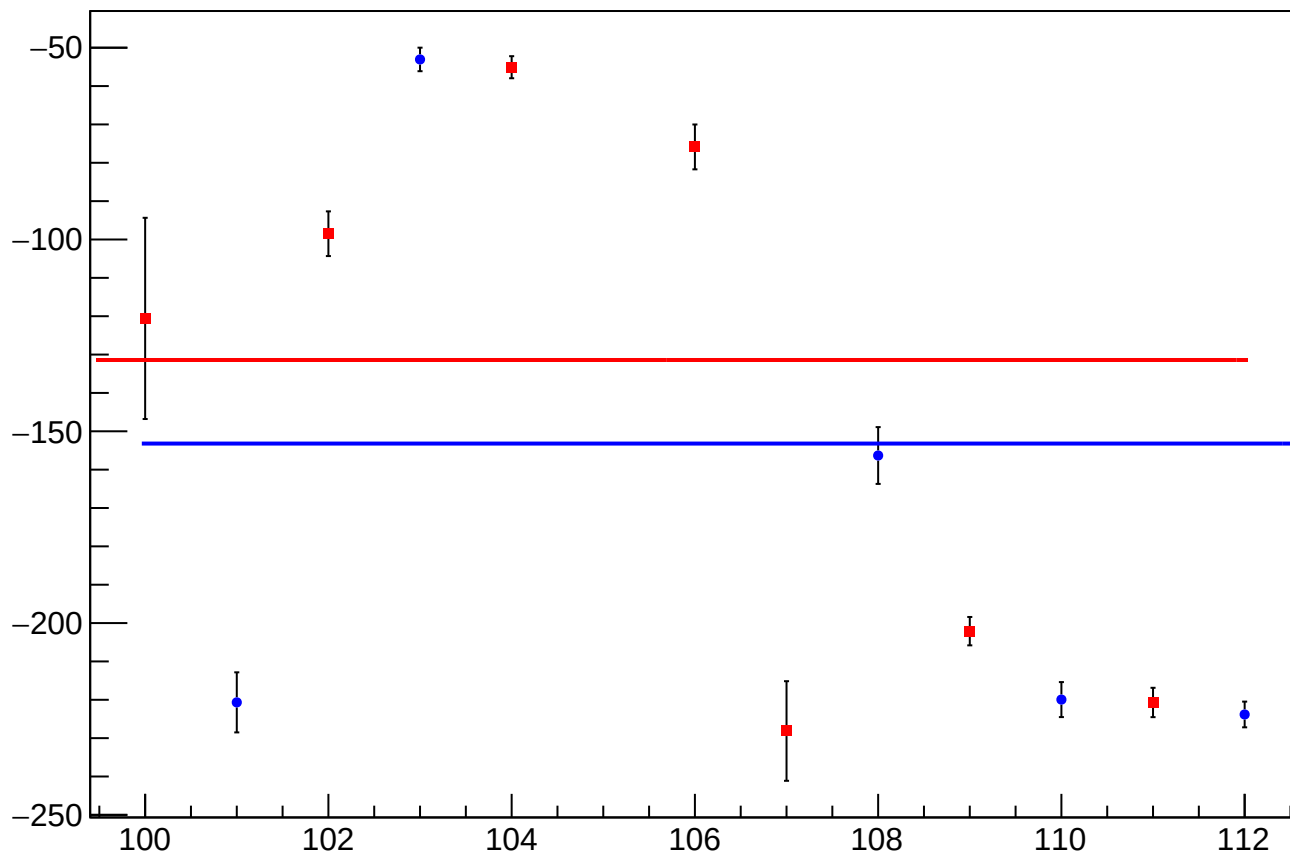
Right: 6.889+/-0.047 χ^2/NDF : 466658.9/11

In: 9.500+/-0.069 χ^2/NDF : 236643.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.889+/-0.047 χ^2/NDF : 466658.9/11

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -153.201+/-1.897 χ^2/NDF : 1798.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -131.415+/-1.745 χ^2/NDF : 1792.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

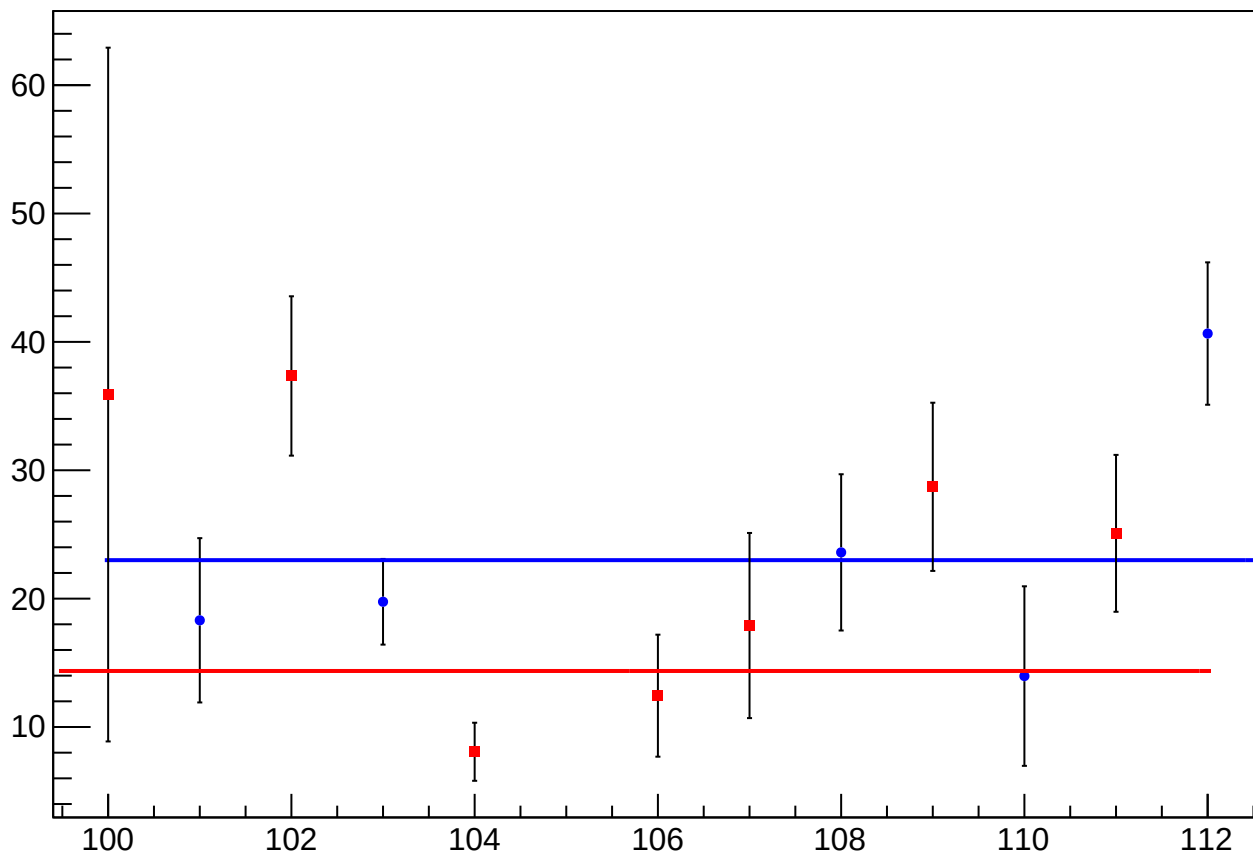
Right: -141.399+/-1.284 χ^2/NDF : 3661.9/11

In: -153.201+/-1.897 χ^2/NDF : 1798.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -141.399+/-1.284 χ^2/NDF : 3661.9/11

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.997+/-2.270 χ^2/NDF : 13.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.364+/-1.724 χ^2/NDF : 30.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

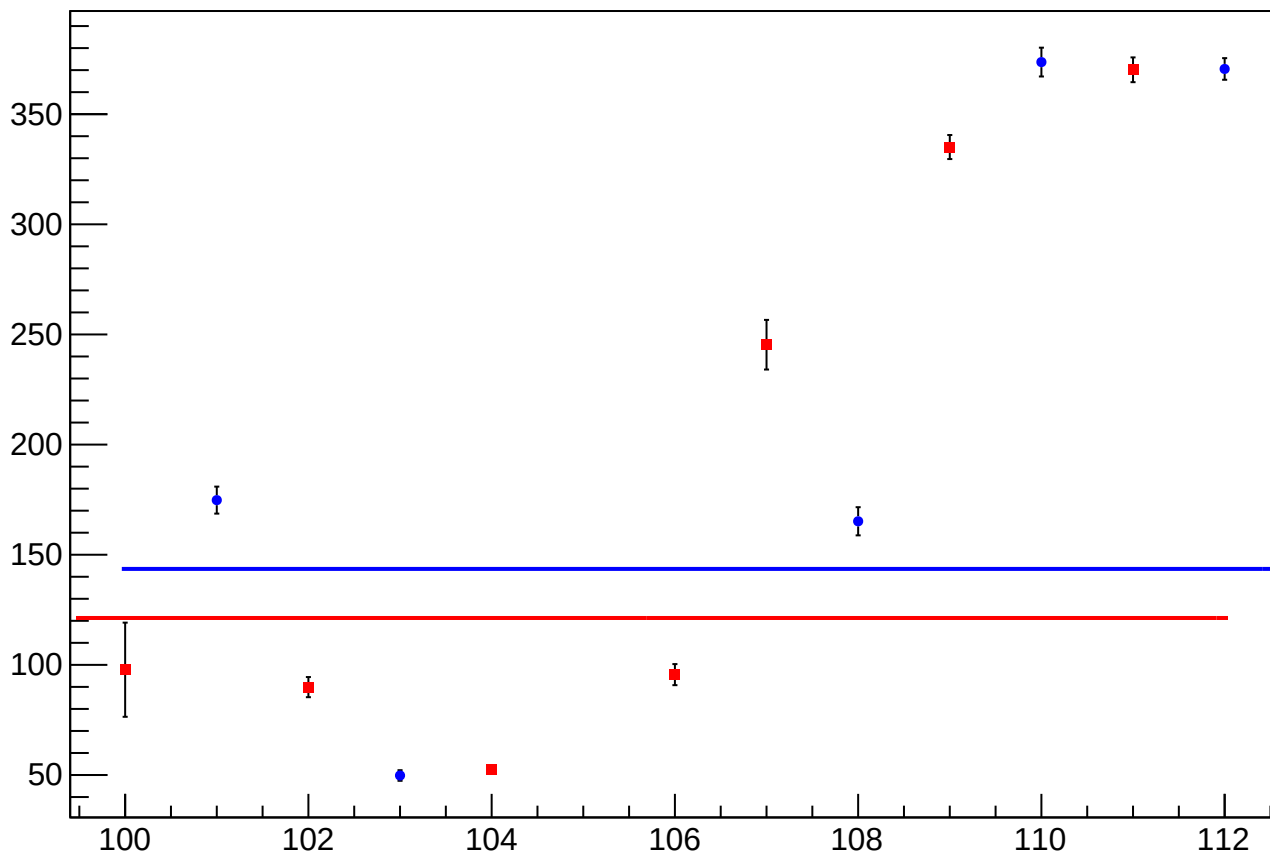
Right: 17.523+/-1.373 χ^2/NDF : 52.8/11

In: 22.997+/-2.270 χ^2/NDF : 13.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.523+/-1.373 χ^2/NDF : 52.8/11

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 143.563+/-1.863 χ^2/NDF : 4926.4/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 121.285+/-1.664 χ^2/NDF : 4609.7/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

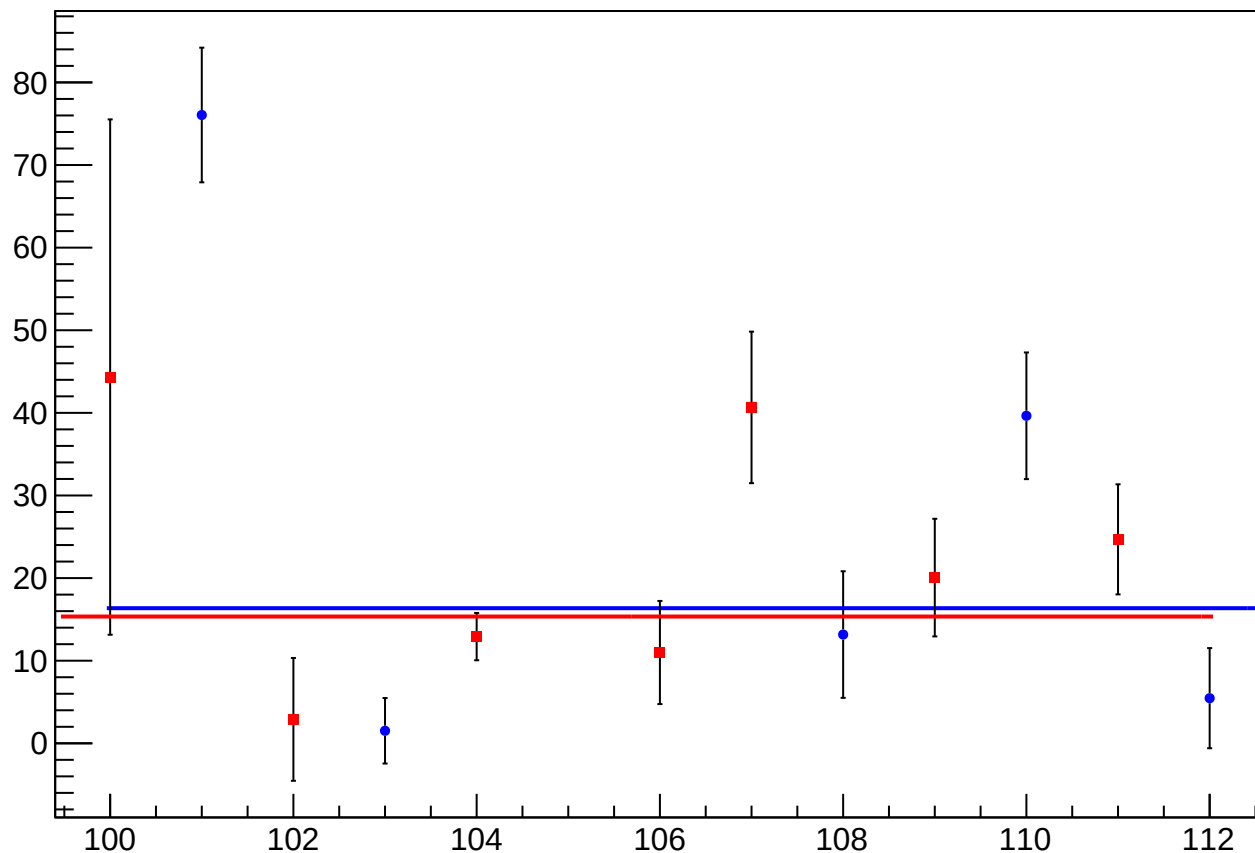
Right: 131.171+/-1.241 χ^2/NDF : 9615.6/11

In: 143.563+/-1.863 χ^2/NDF :4926.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 131.171+/-1.241 χ^2/NDF : 9615.6/11

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.357+/-2.673 χ^2/NDF : 80.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.348+/-2.127 χ^2/NDF : 14.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

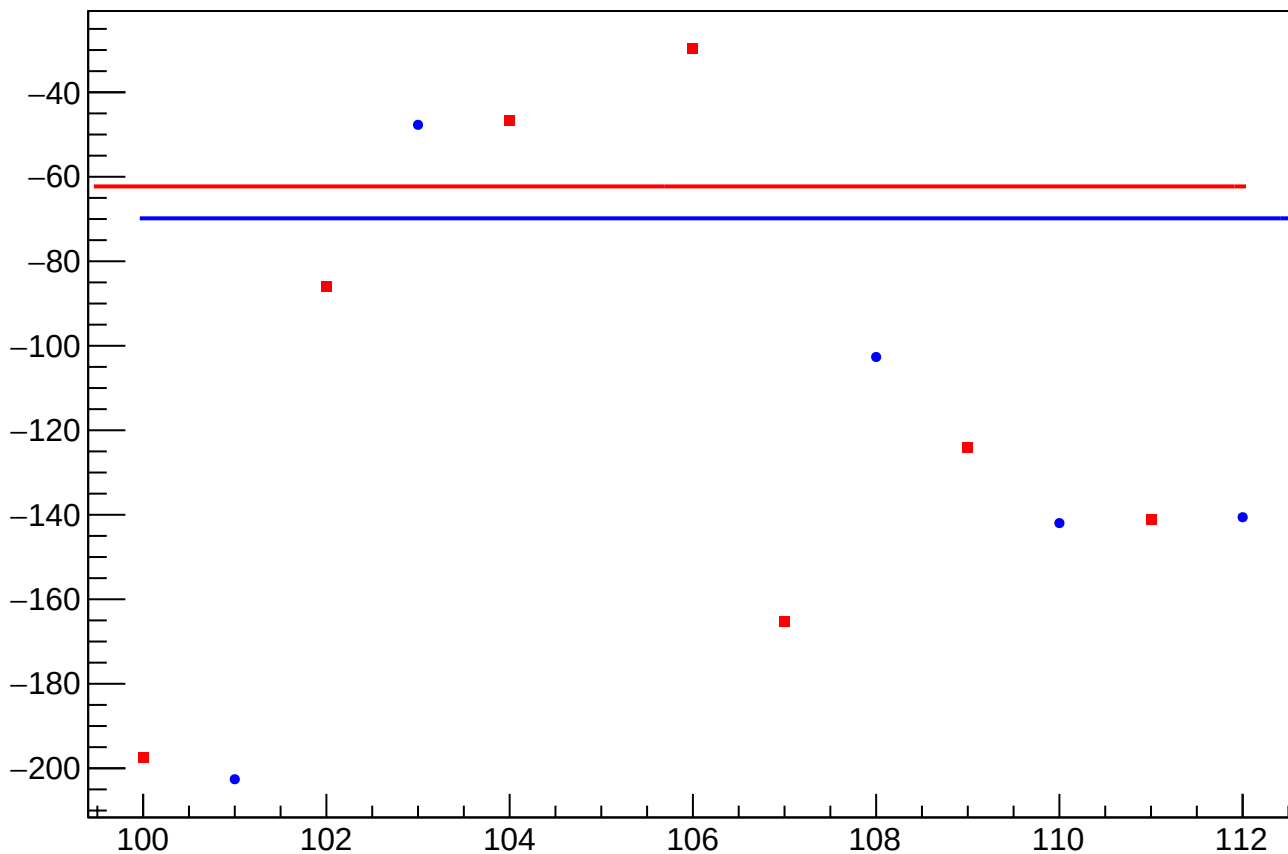
Right: 15.739+/-1.664 χ^2/NDF : 95.3/11

In: 16.357+/-2.673 χ^2/NDF : 80.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.739+/-1.664 χ^2/NDF : 95.3/11

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -69.836+/-0.087 χ^2/NDF : 248267.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -62.283+/-0.081 χ^2/NDF : 186221.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

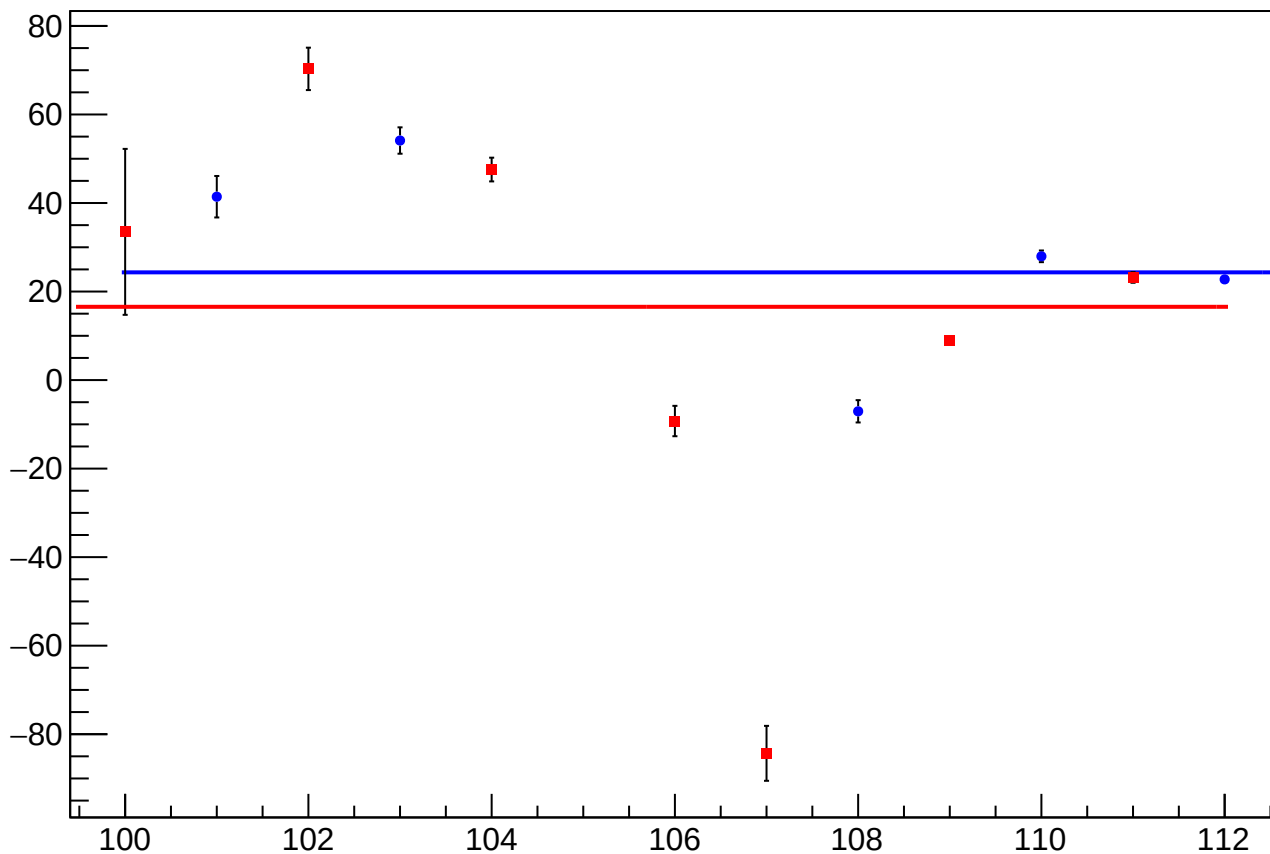
Right: -65.775+/-0.059 χ^2/NDF : 438523.5/11

In: -69.836+/-0.087 χ^2/NDF : 248267.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -65.775+/-0.059 χ^2/NDF : 438523.5/11

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 24.334+/-0.767 χ^2/NDF : 277.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.551+/-0.737 χ^2/NDF : 660.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

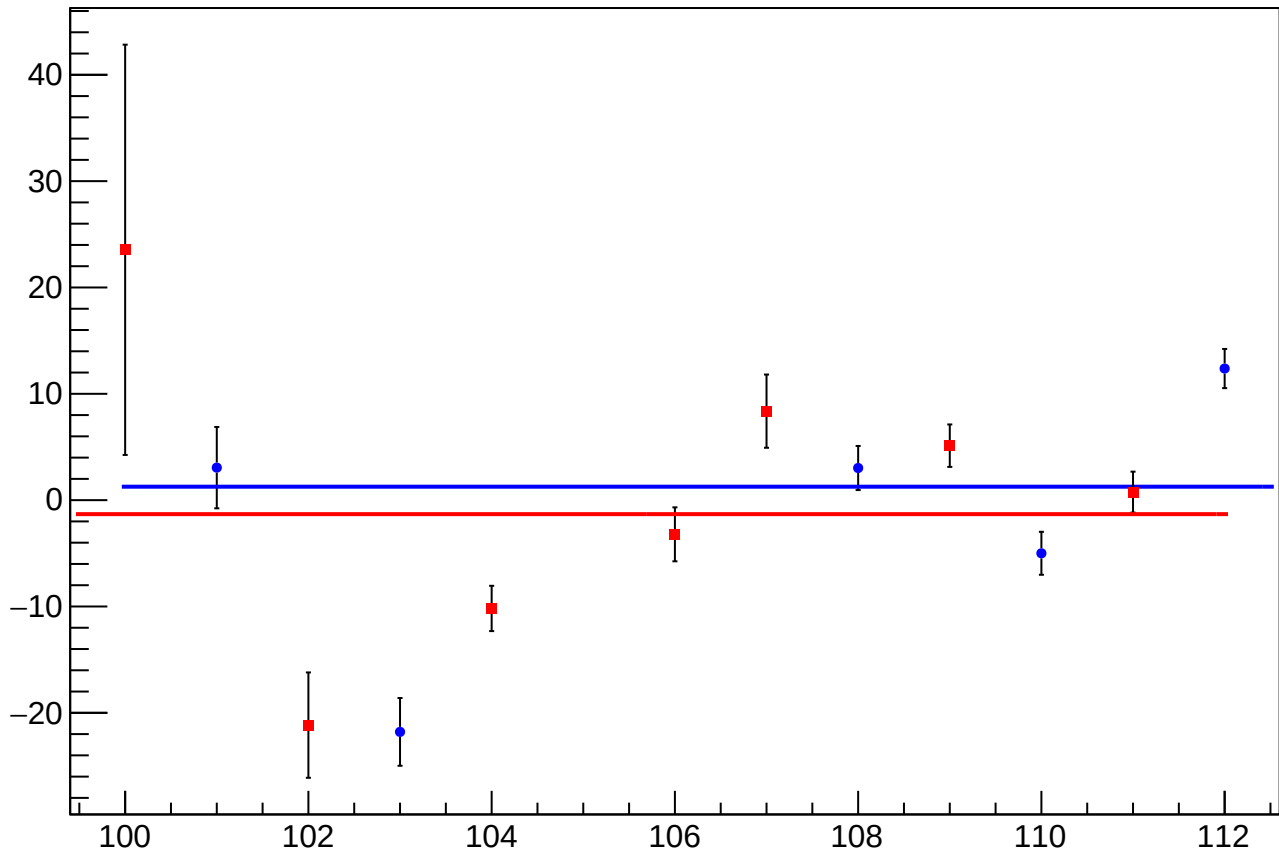
Right: 20.287+/-0.532 χ^2/NDF : 992.2/11

In: 24.334+/-0.767 χ^2/NDF : 277.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.287+/-0.532 χ^2/NDF : 992.2/11

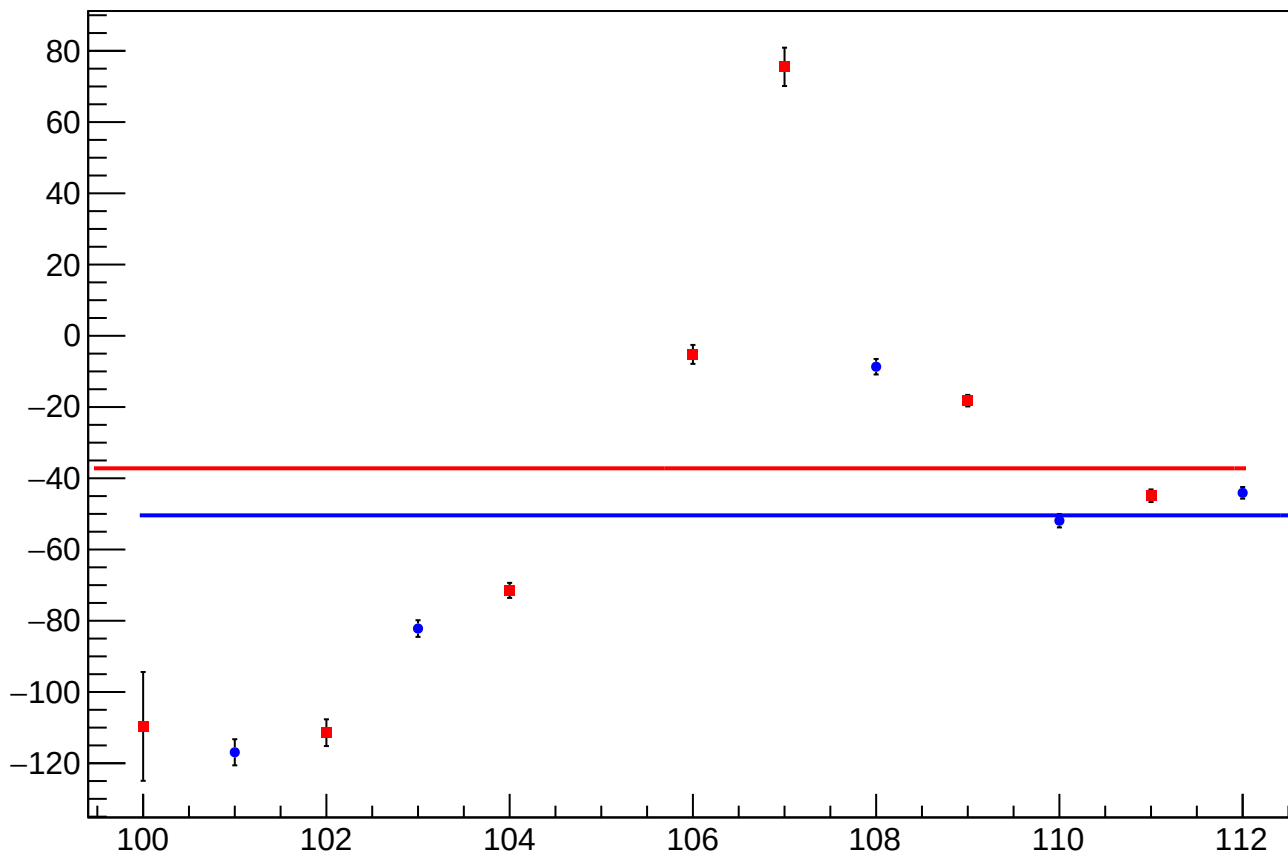
reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.266+/-1.032 χ^2/NDF : 99.3/4
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1.315+/-0.988 χ^2/NDF : 55.1/6
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.081+/-0.714 χ^2/NDF : 157.6/11
 In: 1.266+/-1.032 χ^2/NDF : 99.3/4
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.081+/-0.714 χ^2/NDF : 157.6/11

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.409 $\pm$ 0.943 χ^2 /NDF: 896.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -37.203 $\pm$ 0.922 χ^2 /NDF: 1416.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

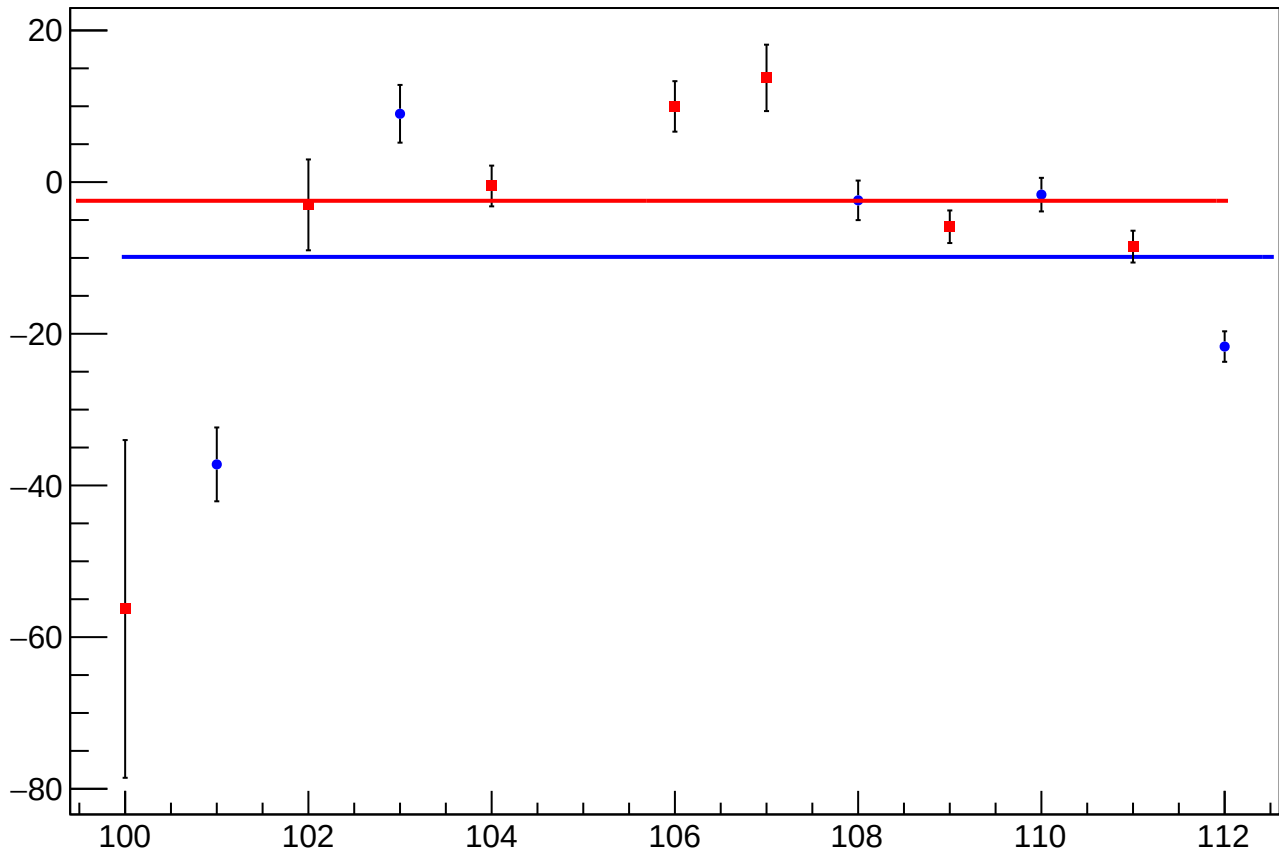
Right: -43.657 $\pm$ 0.659 χ^2 /NDF: 2413.3/11

In: -50.409 $\pm$ 0.943 χ^2 /NDF:896.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -43.657 $\pm$ 0.659 χ^2 /NDF: 2413.3/11

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -9.862+/-1.187 χ^2/NDF : 112.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.464+/-1.151 χ^2/NDF : 44.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

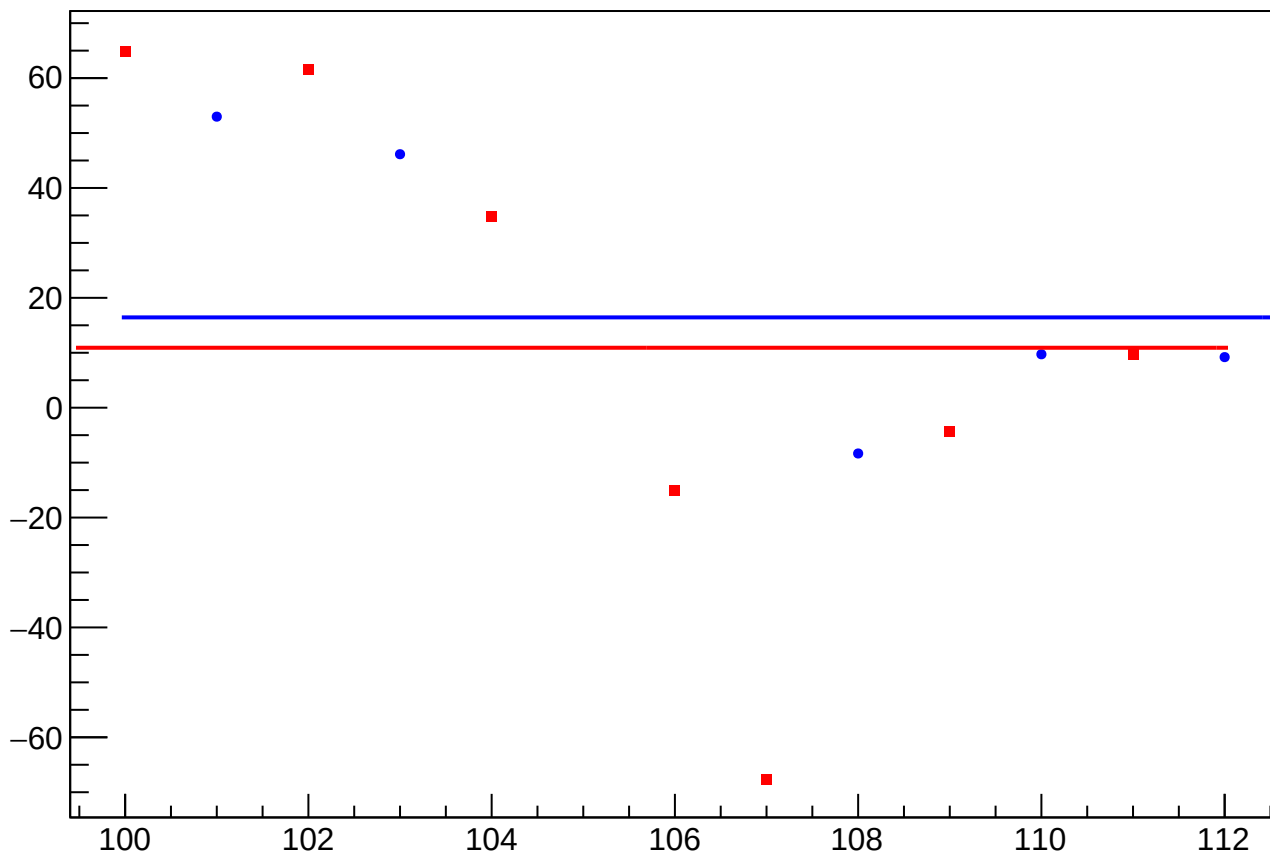
Right: -6.049+/-0.826 χ^2/NDF : 177.5/11

In: -9.862+/-1.187 χ^2/NDF : 112.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.049+/-0.826 χ^2/NDF : 177.5/11

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 16.440+/-0.053 χ^2/NDF : 203296.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.913+/-0.054 χ^2/NDF : 341884.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

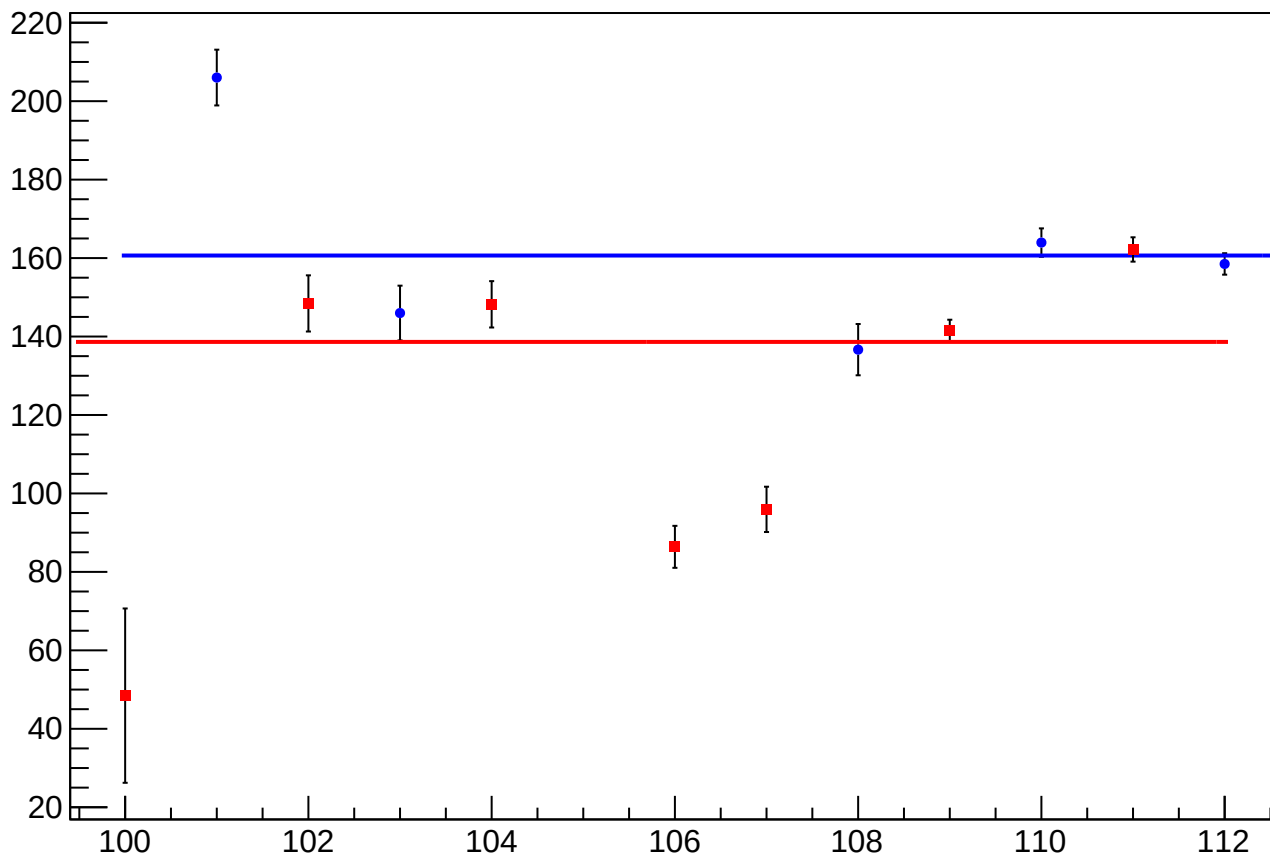
Right: 13.729+/-0.038 χ^2/NDF : 550494.7/11

In: 16.440+/-0.053 χ^2/NDF : 203296.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.729+/-0.038 χ^2/NDF : 550494.7/11

reg_asym_at1_avg_at2_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 160.651+/-1.910 χ^2/NDF : 60.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 138.631+/-1.693 χ^2/NDF : 229.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

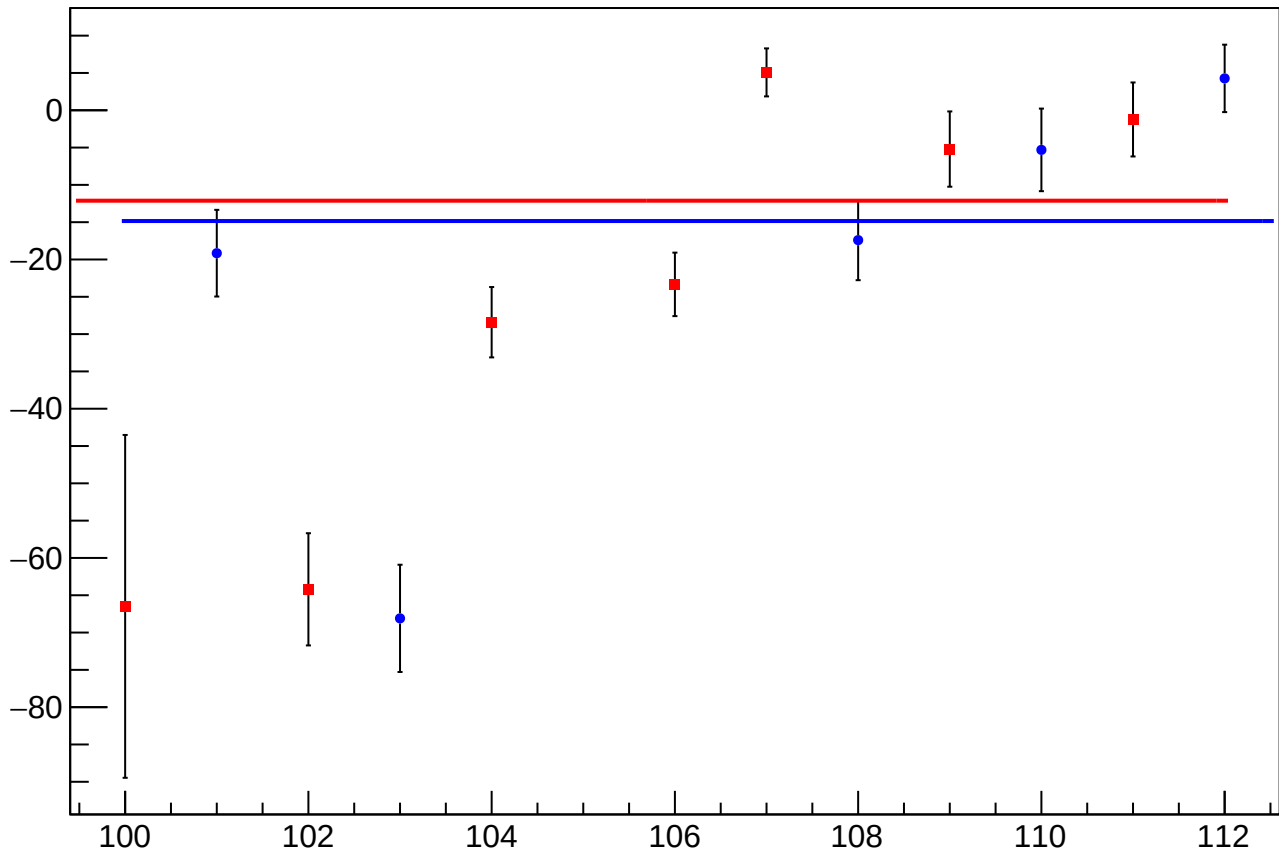
Right: 148.320+/-1.267 χ^2/NDF : 364.2/11

In: 160.651+/-1.910 χ^2/NDF : 60.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.320+/-1.267 χ^2/NDF : 364.2/11

reg_asym_at1_avg_at2_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -14.845+/-2.460 χ^2/NDF : 76.5/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -12.120+/-1.837 χ^2/NDF : 107.8/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

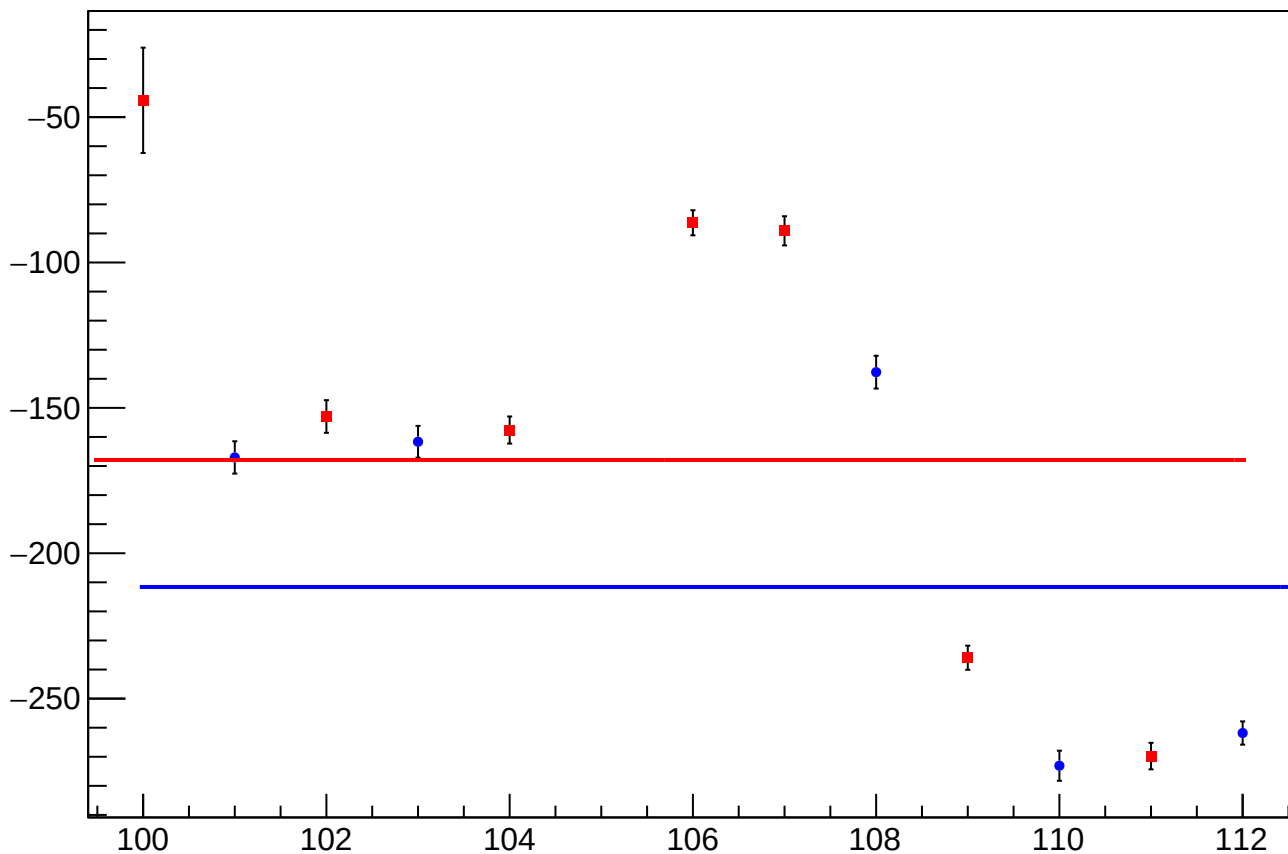
Right: -13.095+/-1.472 χ^2/NDF : 185.1/11

In: -14.845+/-2.460 χ^2/NDF :76.5/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -13.095+/-1.472 χ^2/NDF : 185.1/11

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -211.597 ± 2.254 χ^2/NDF : 617.3/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -167.917 ± 1.888 χ^2/NDF : 1430.9/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

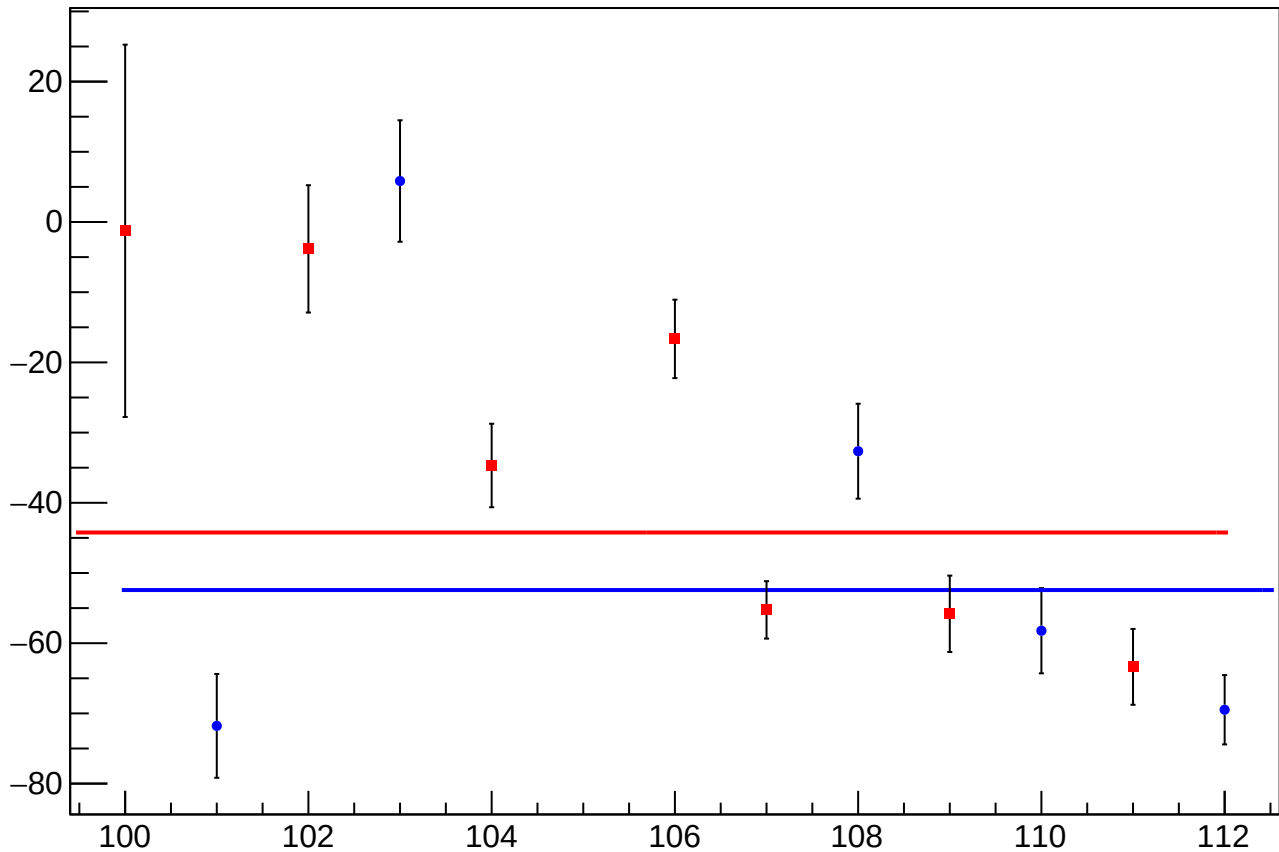
Right: -185.932 ± 1.447 χ^2/NDF : 2268.9/11

In: -211.597 ± 2.254 χ^2/NDF : 617.3/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -185.932 ± 1.447 χ^2/NDF : 2268.9/11

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -52.428 $\pm$ 2.867 χ^2 /NDF: 73.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -44.230 $\pm$ 2.226 χ^2 /NDF: 73.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

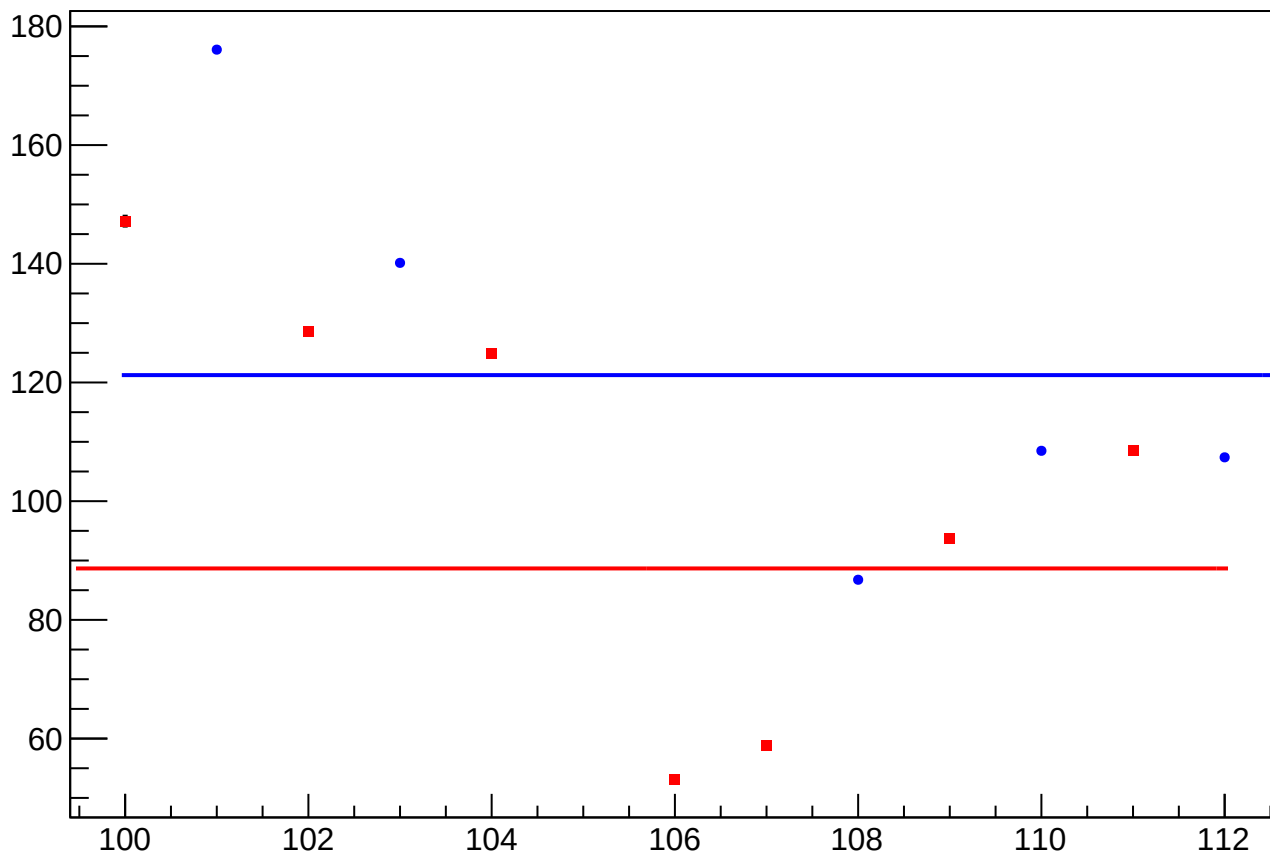
Right: -47.314 $\pm$ 1.758 χ^2 /NDF: 152.4/11

In: -52.428 $\pm$ 2.867 χ^2 /NDF:73.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -47.314 $\pm$ 1.758 χ^2 /NDF: 152.4/11

reg_asym_at1_avg_at2_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 121.242+/-0.127 χ^2/NDF : 59071.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.665+/-0.096 χ^2/NDF : 115091.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

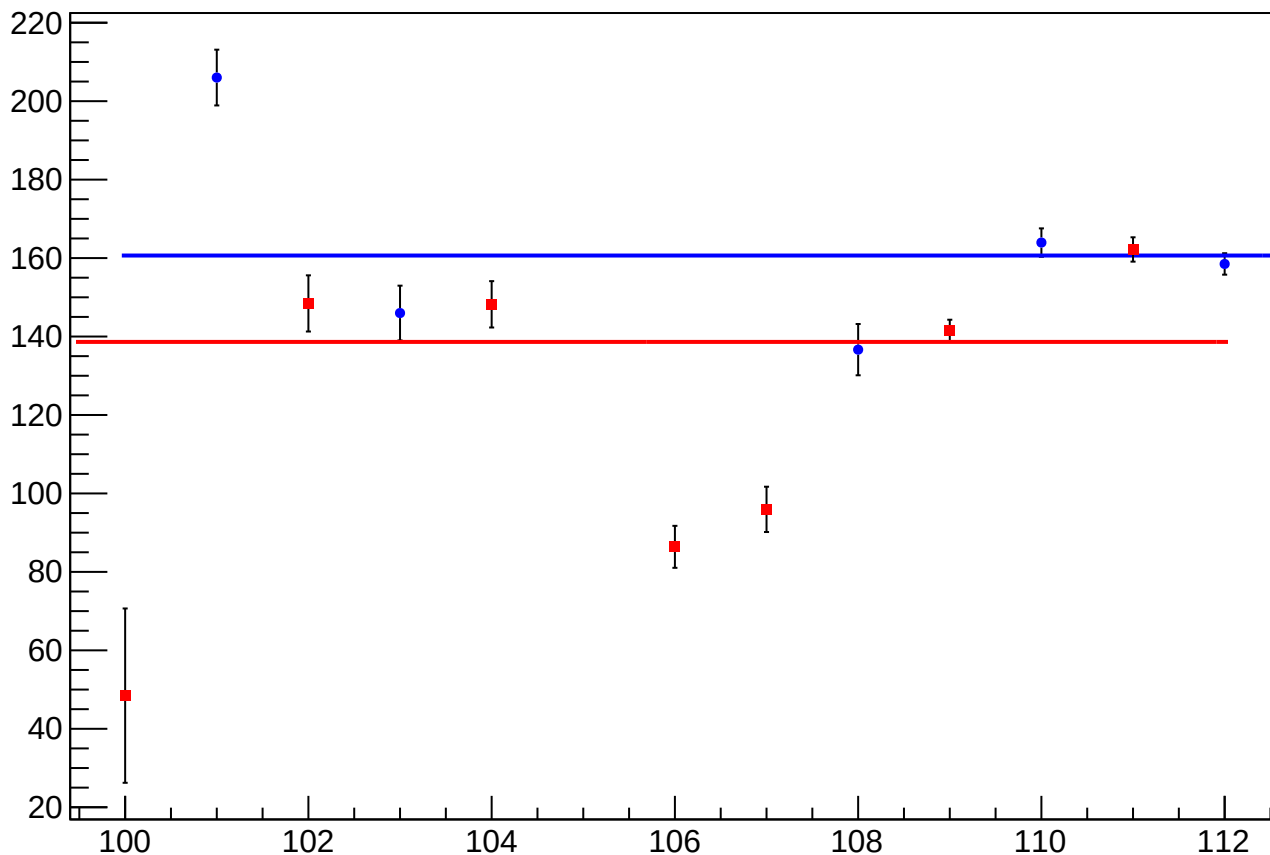
Right: 100.566+/-0.077 χ^2/NDF : 215887.2/11

In: 121.242+/-0.127 χ^2/NDF : 59071.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.566+/-0.077 χ^2/NDF : 215887.2/11

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 160.651+/-1.910 χ^2/NDF : 60.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 138.631+/-1.693 χ^2/NDF : 229.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

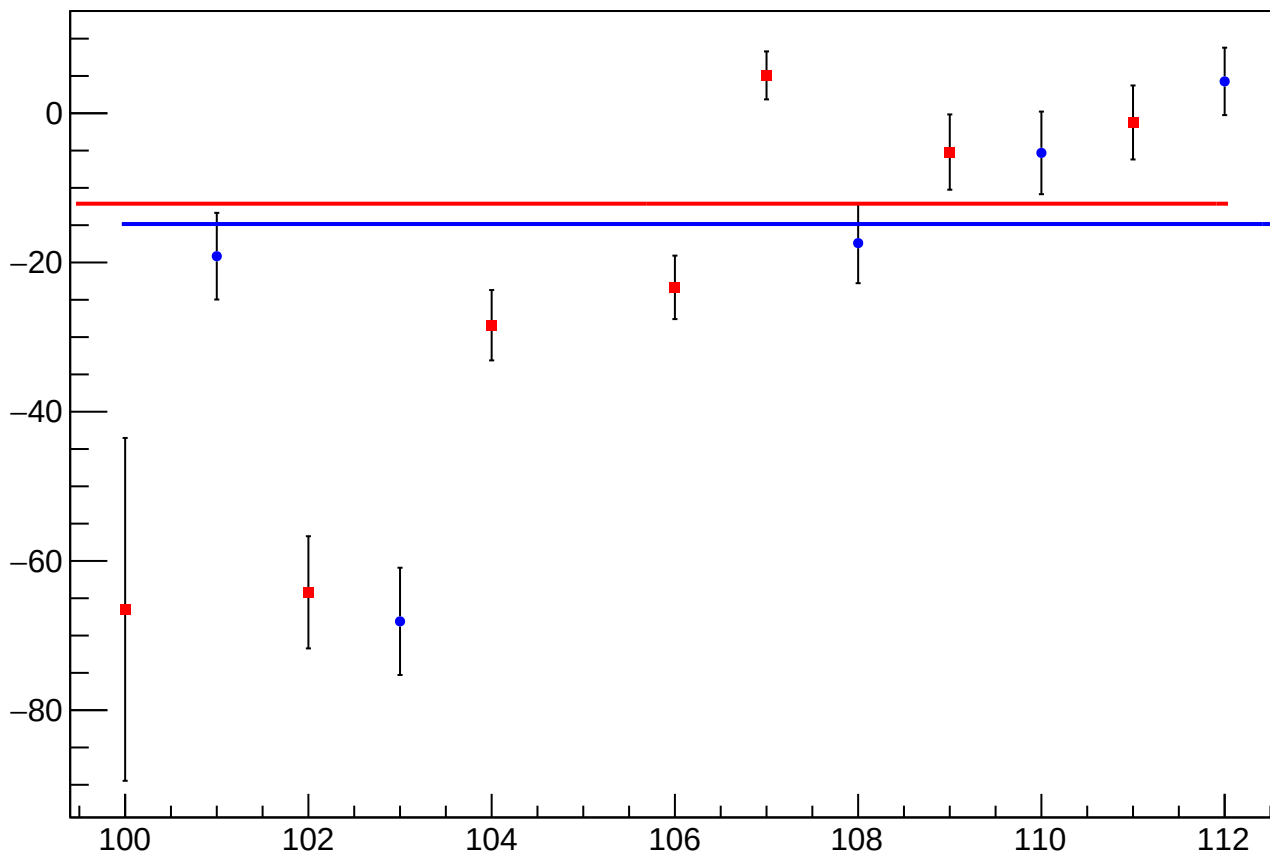
Right: 148.320+/-1.267 χ^2/NDF : 364.2/11

In: 160.651+/-1.910 χ^2/NDF : 60.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.320+/-1.267 χ^2/NDF : 364.2/11

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -14.845+/-2.460 χ^2/NDF : 76.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.120+/-1.837 χ^2/NDF : 107.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

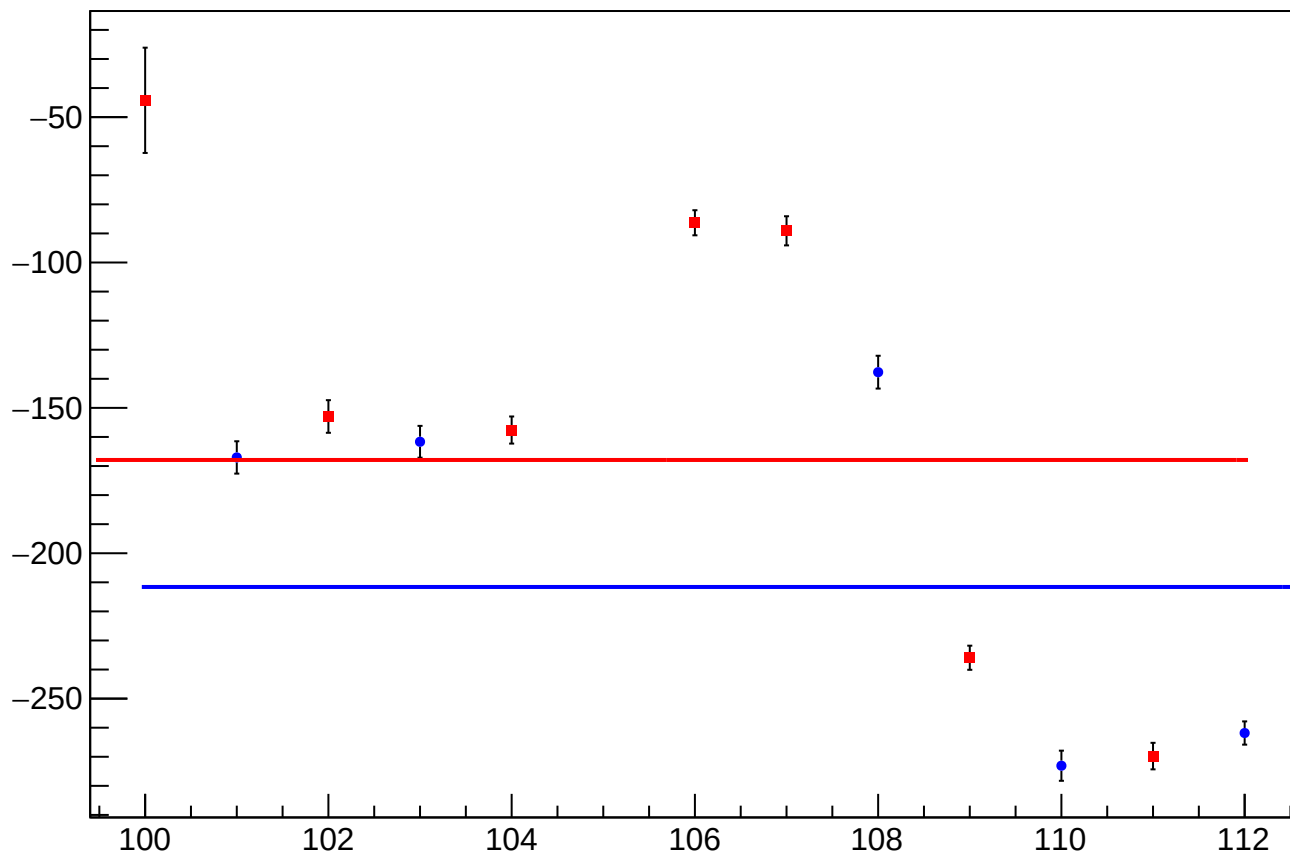
Right: -13.095+/-1.472 χ^2/NDF : 185.1/11

In: -14.845+/-2.460 χ^2/NDF : 76.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.095+/-1.472 χ^2/NDF : 185.1/11

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -211.597 $\pm$ 2.254 χ^2 /NDF: 617.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -167.917 $\pm$ 1.888 χ^2 /NDF: 1430.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

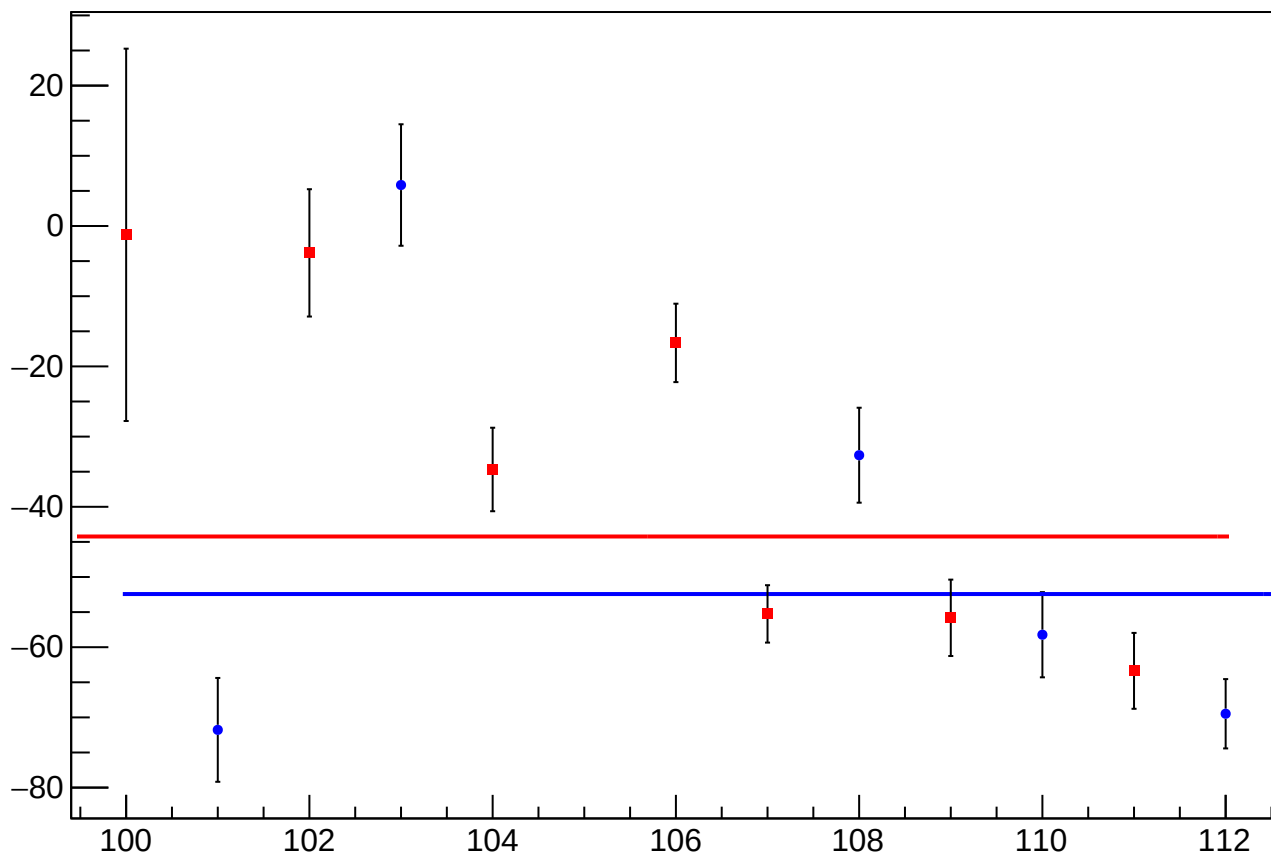
Right: -185.932 $\pm$ 1.447 χ^2 /NDF: 2268.9/11

In: -211.597 $\pm$ 2.254 χ^2 /NDF:617.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -185.932 $\pm$ 1.447 χ^2 /NDF: 2268.9/11

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -52.428+/-2.867 χ^2/NDF : 73.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -44.230+/-2.226 χ^2/NDF : 73.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

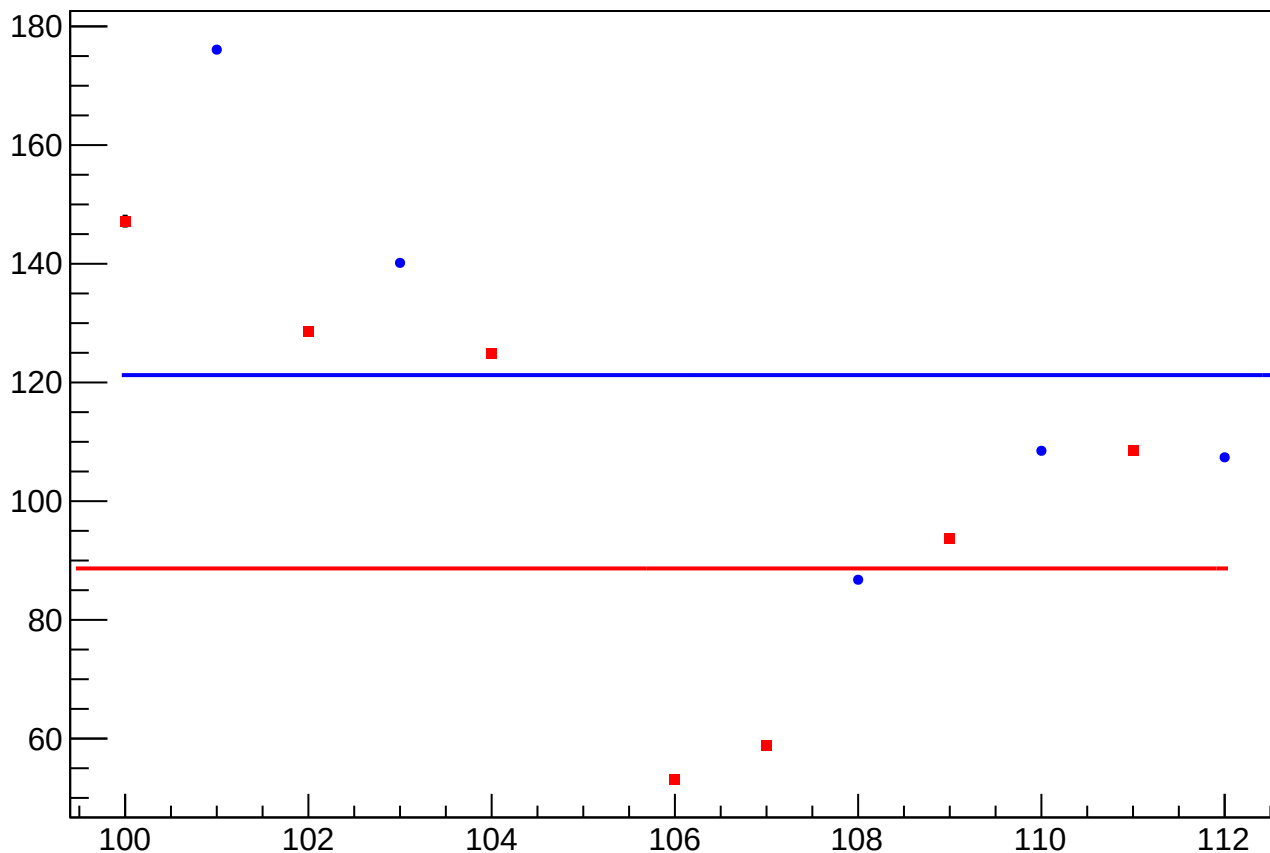
Right: -47.314+/-1.758 χ^2/NDF : 152.4/11

In: -52.428+/-2.867 χ^2/NDF : 73.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.314+/-1.758 χ^2/NDF : 152.4/11

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 121.242+/-0.127 χ^2/NDF : 59071.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.665+/-0.096 χ^2/NDF : 115091.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

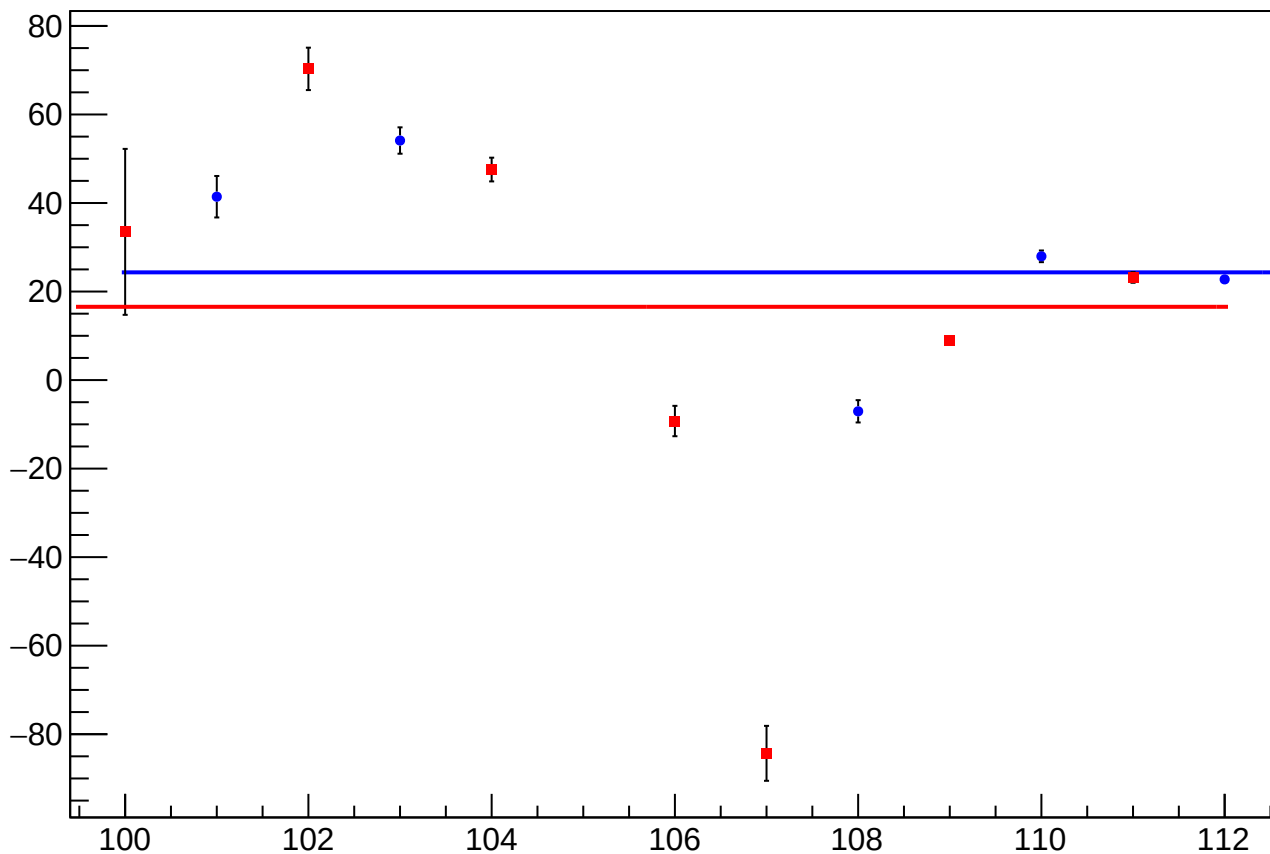
Right: 100.566+/-0.077 χ^2/NDF : 215887.2/11

In: 121.242+/-0.127 χ^2/NDF : 59071.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.566+/-0.077 χ^2/NDF : 215887.2/11

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 24.334+/-0.767 χ^2/NDF : 277.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.551+/-0.737 χ^2/NDF : 660.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

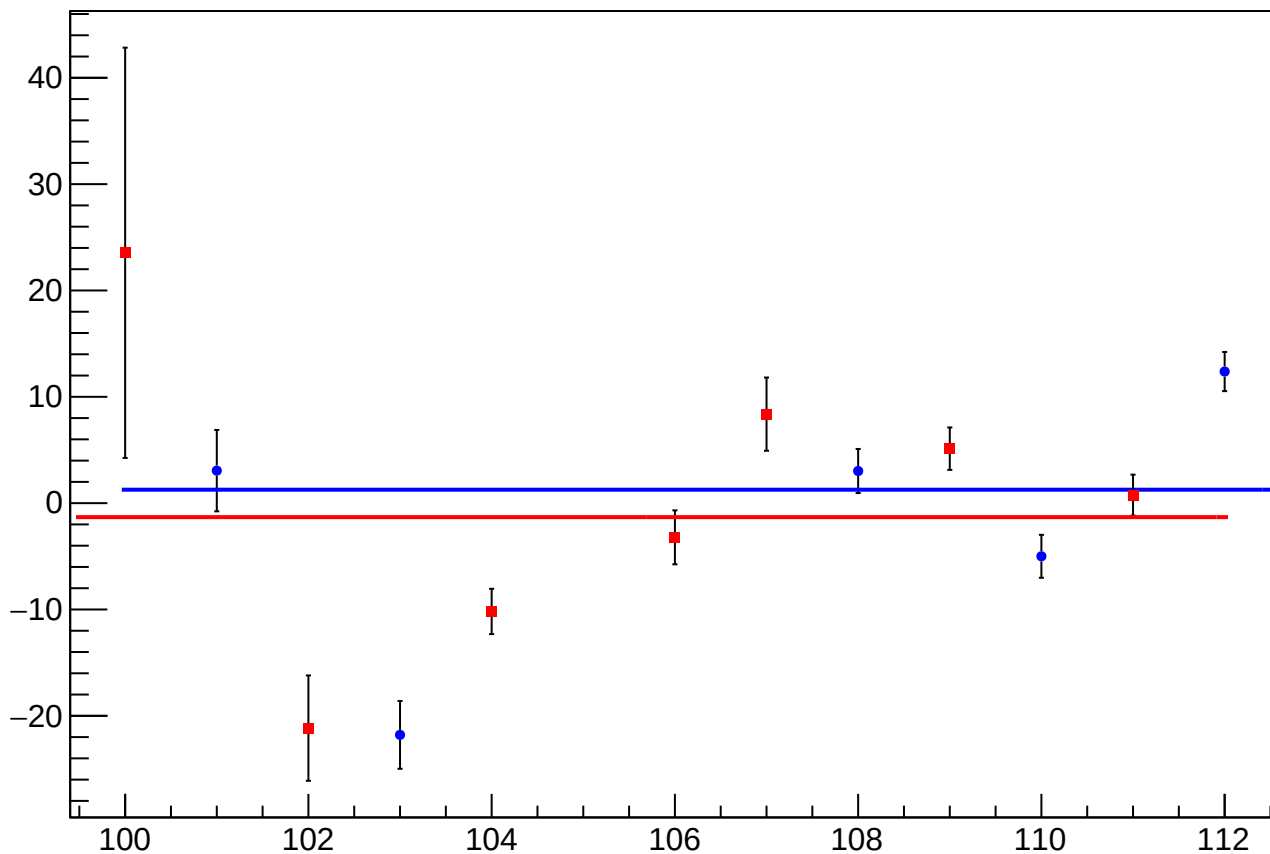
Right: 20.287+/-0.532 χ^2/NDF : 992.2/11

In: 24.334+/-0.767 χ^2/NDF : 277.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.287+/-0.532 χ^2/NDF : 992.2/11

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.266+/-1.032 χ^2/NDF : 99.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.315+/-0.988 χ^2/NDF : 55.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

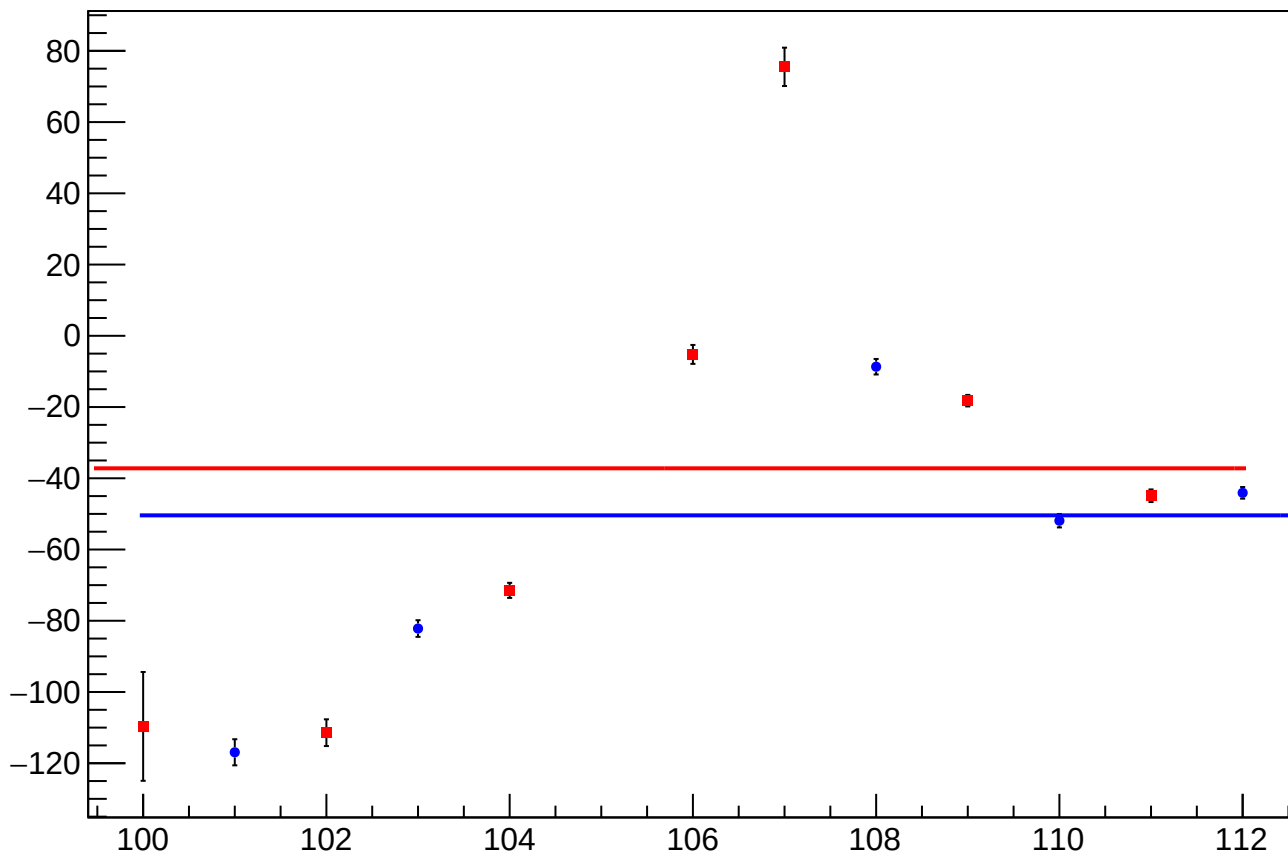
Right: -0.081+/-0.714 χ^2/NDF : 157.6/11

In: 1.266+/-1.032 χ^2/NDF : 99.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.081+/-0.714 χ^2/NDF : 157.6/11

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.409+/-0.943 χ^2/NDF : 896.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -37.203+/-0.922 χ^2/NDF : 1416.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

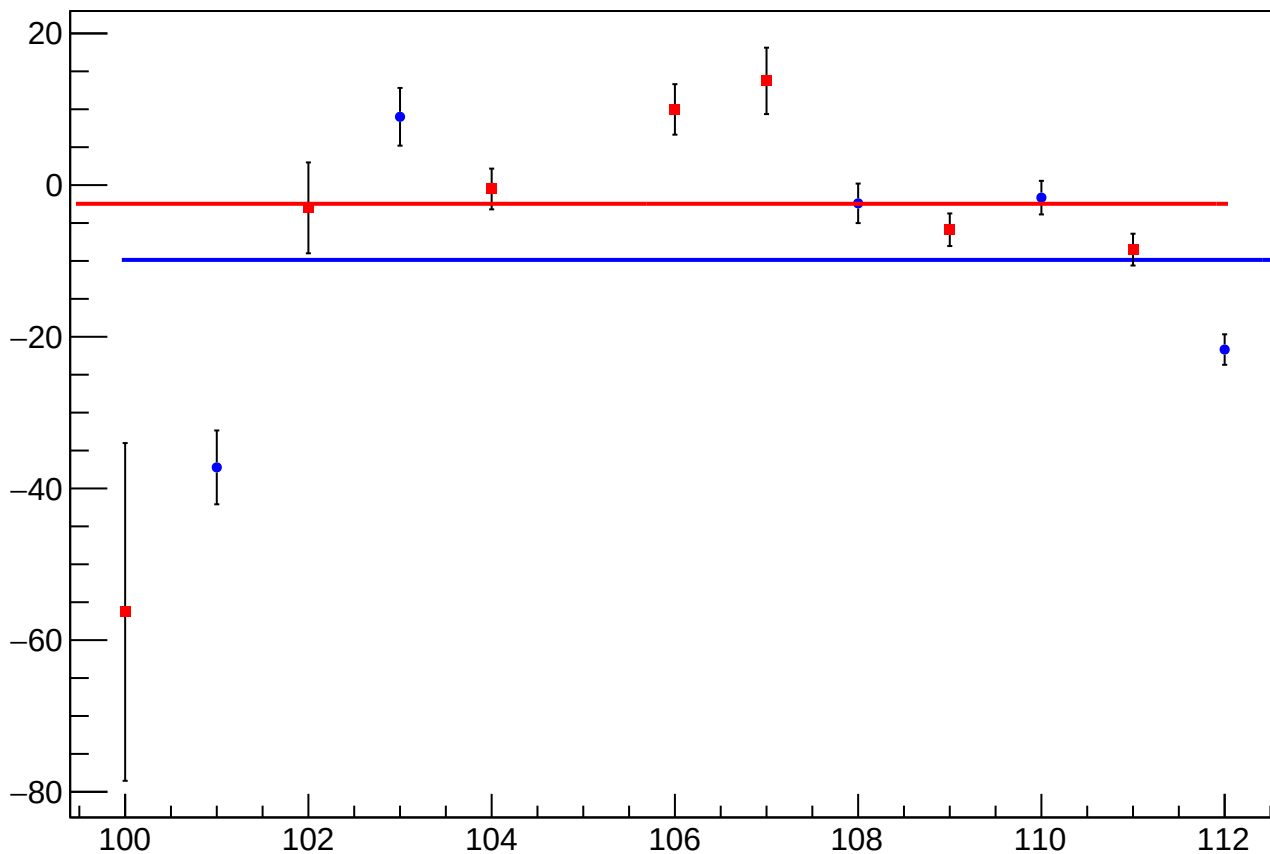
Right: -43.657+/-0.659 χ^2/NDF : 2413.3/11

In: -50.409+/-0.943 χ^2/NDF : 896.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -43.657+/-0.659 χ^2/NDF : 2413.3/11

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -9.862+/-1.187 χ^2/NDF : 112.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.464+/-1.151 χ^2/NDF : 44.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

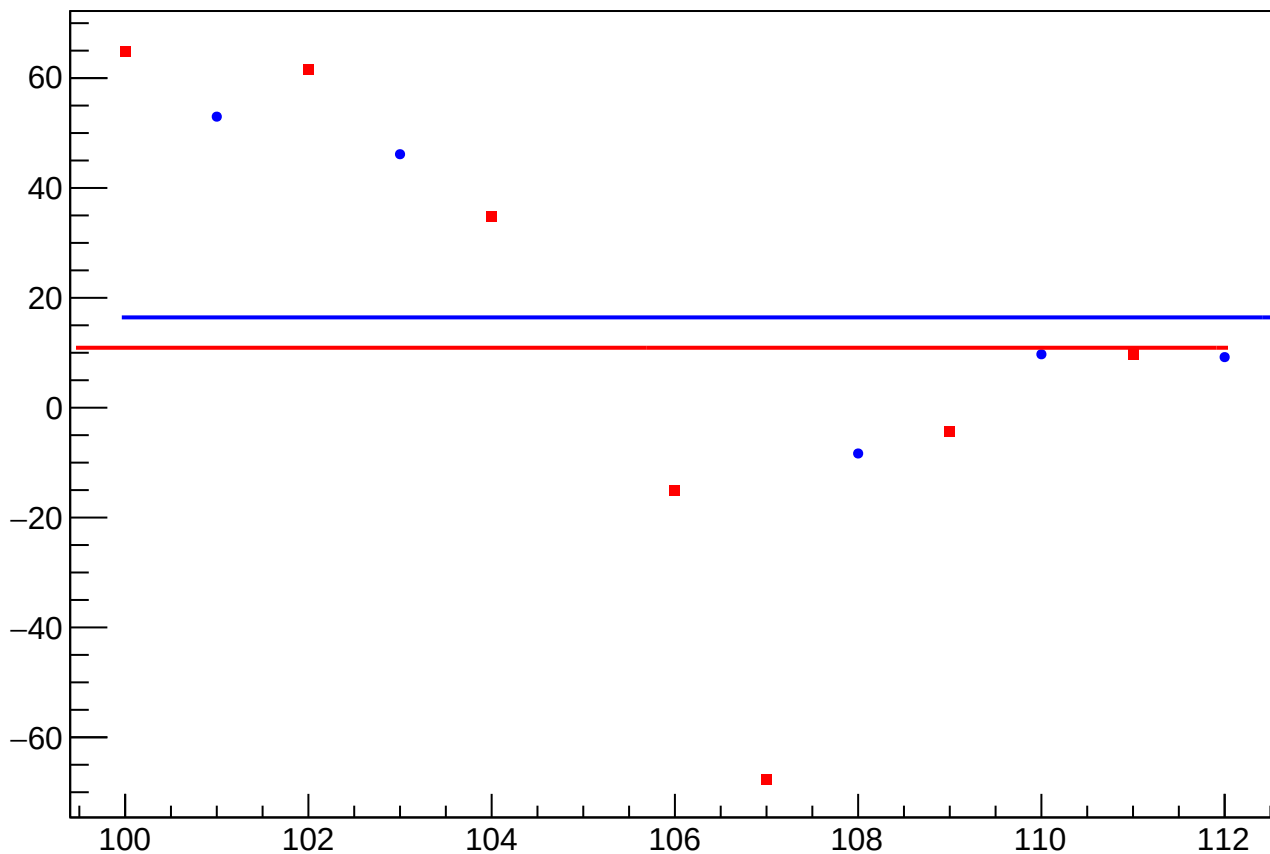
Right: -6.049+/-0.826 χ^2/NDF : 177.5/11

In: -9.862+/-1.187 χ^2/NDF : 112.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.049+/-0.826 χ^2/NDF : 177.5/11

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 16.440+/-0.053 χ^2/NDF : 203296.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.913+/-0.054 χ^2/NDF : 341884.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

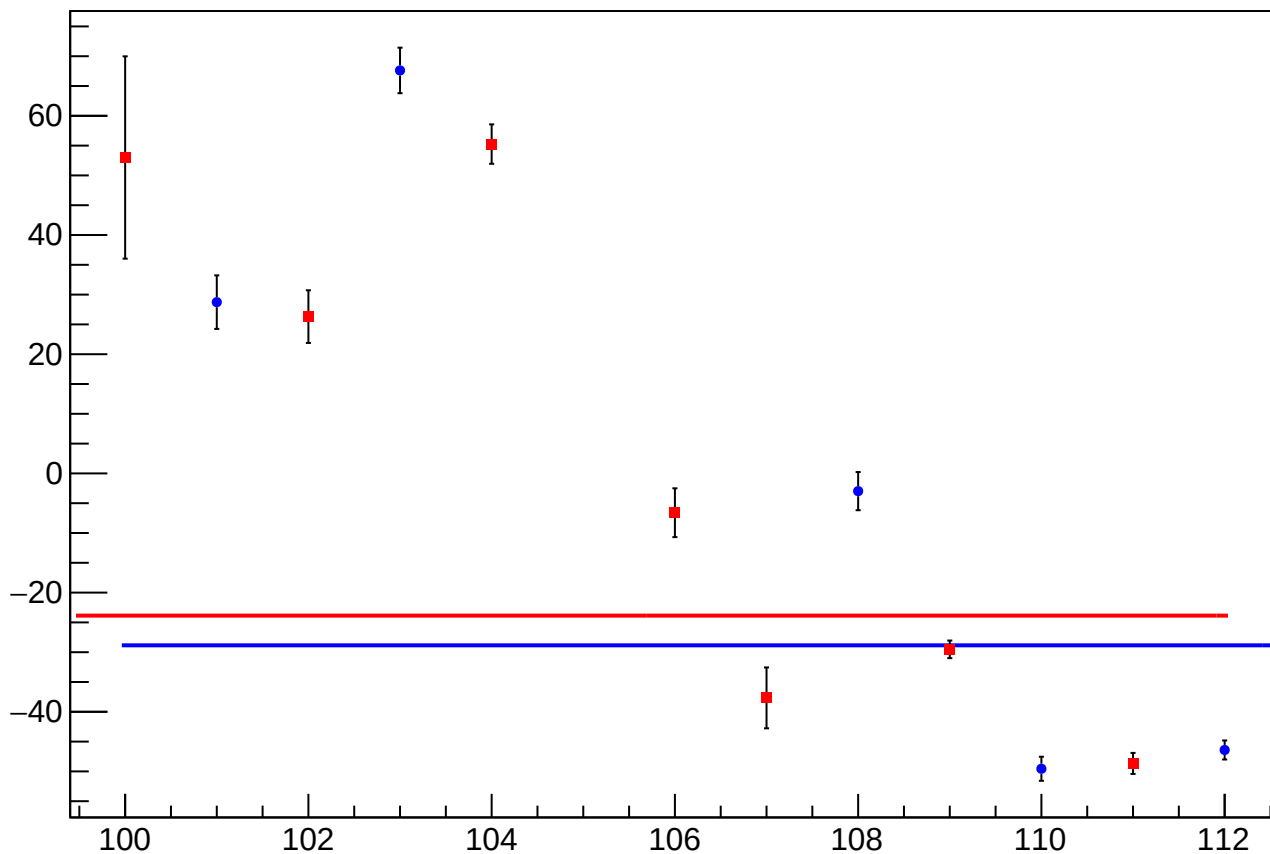
Right: 13.729+/-0.038 χ^2/NDF : 550494.7/11

In: 16.440+/-0.053 χ^2/NDF : 203296.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.729+/-0.038 χ^2/NDF : 550494.7/11

reg_asym_at1_dd_at2_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -28.845+/-1.082 χ^2/NDF : 1093.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -23.861+/-0.988 χ^2/NDF : 958.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

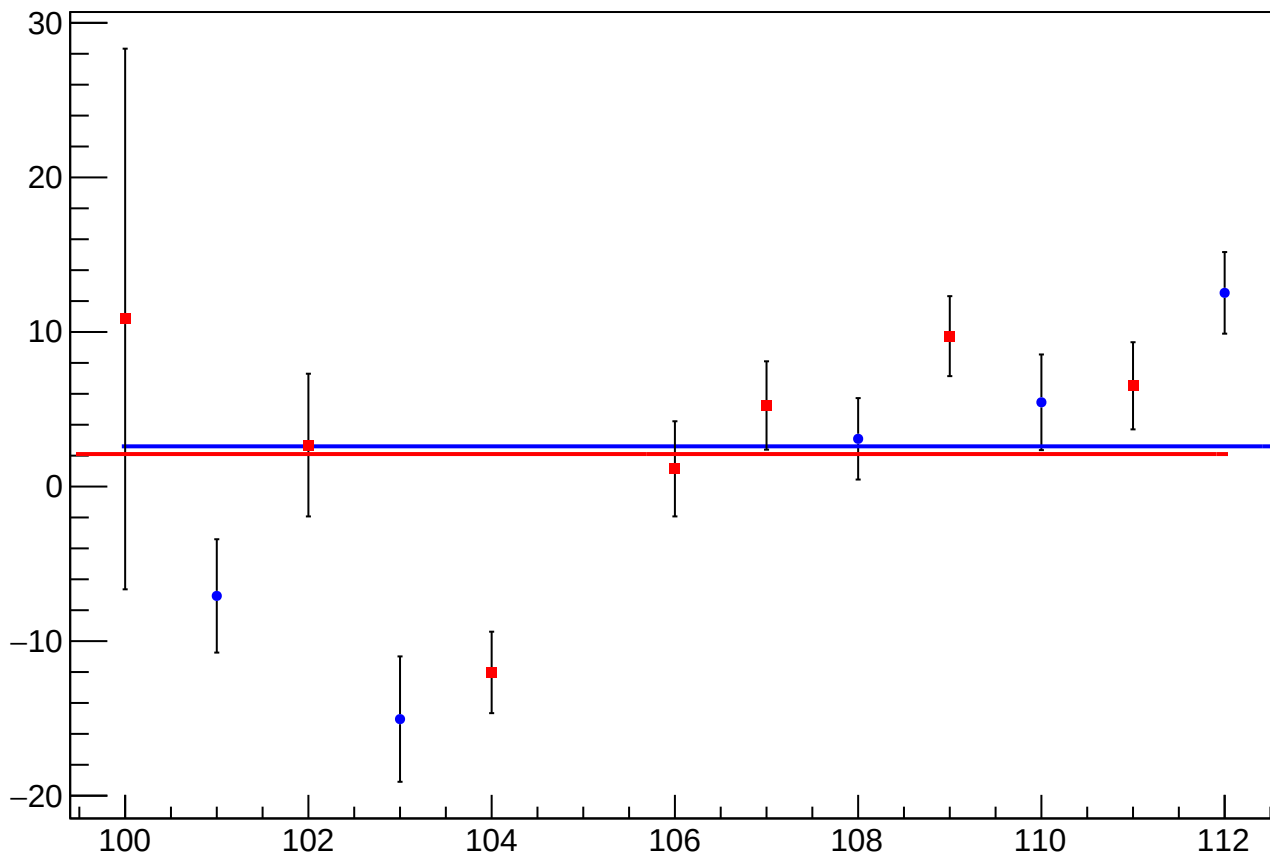
Right: -26.127+/-0.730 χ^2/NDF : 2063.8/11

In: -28.845+/-1.082 χ^2/NDF : 1093.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.127+/-0.730 χ^2/NDF : 2063.8/11

reg_asym_at1_dd_at2_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.602 $\pm$ 1.377 χ^2 /NDF: 40.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.103 $\pm$ 1.197 χ^2 /NDF: 41.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

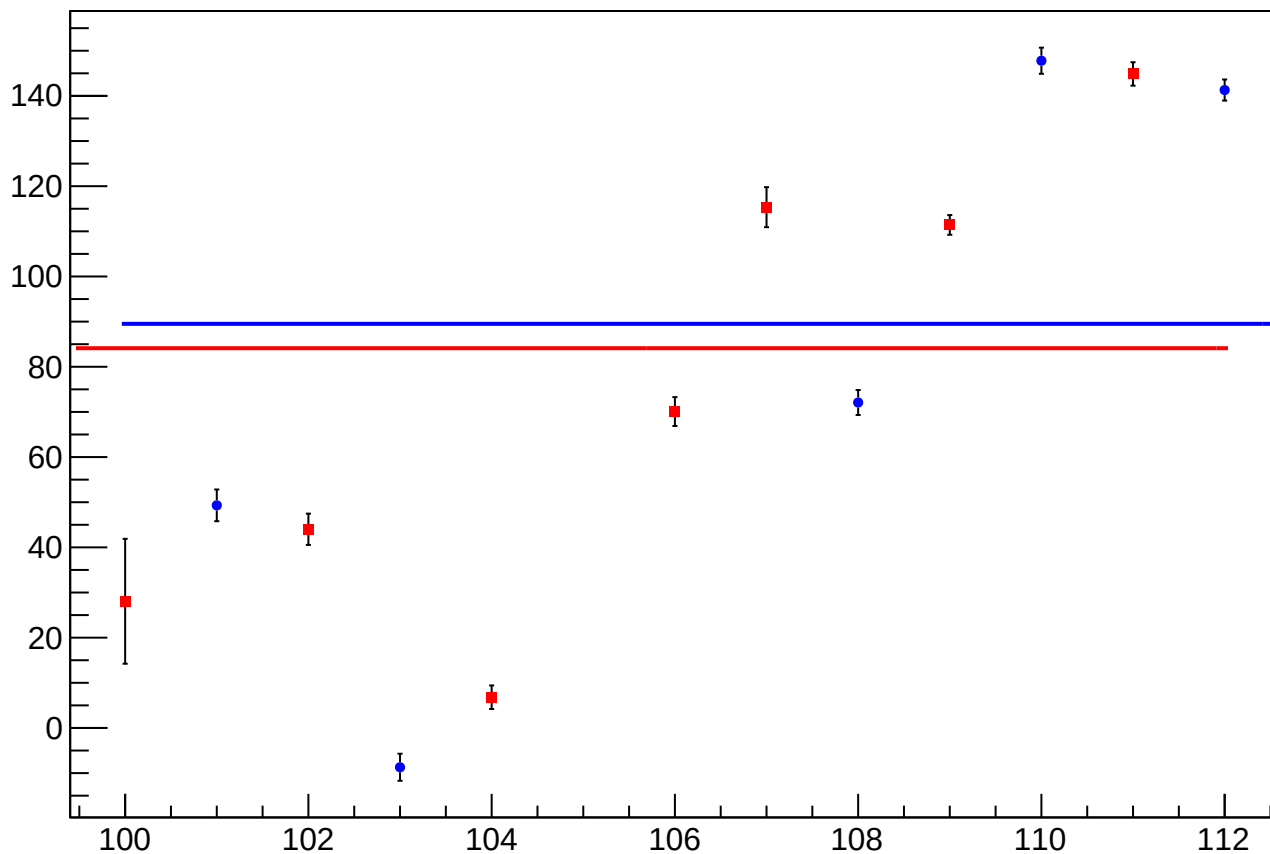
Right: 2.318 $\pm$ 0.904 χ^2 /NDF: 82.5/11

In: 2.602 $\pm$ 1.377 χ^2 /NDF:40.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.318 $\pm$ 0.904 χ^2 /NDF: 82.5/11

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 89.511+/-1.264 χ^2/NDF : 2142.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.113+/-1.160 χ^2/NDF : 1801.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

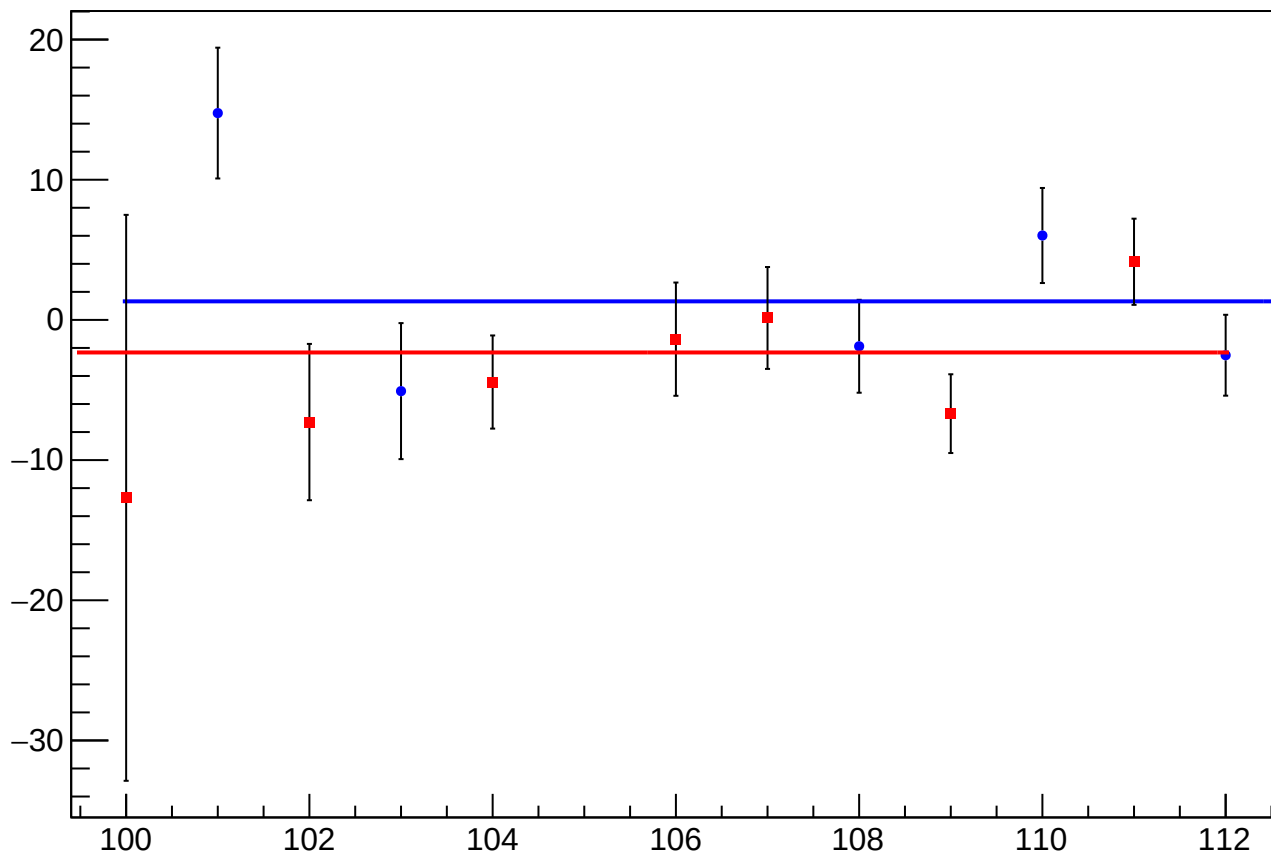
Right: 86.582+/-0.855 χ^2/NDF : 3954.1/11

In: 89.511+/-1.264 χ^2/NDF : 2142.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.582+/-0.855 χ^2/NDF : 3954.1/11

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.324+/-1.608 χ^2/NDF : 14.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.322+/-1.422 χ^2/NDF : 8.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

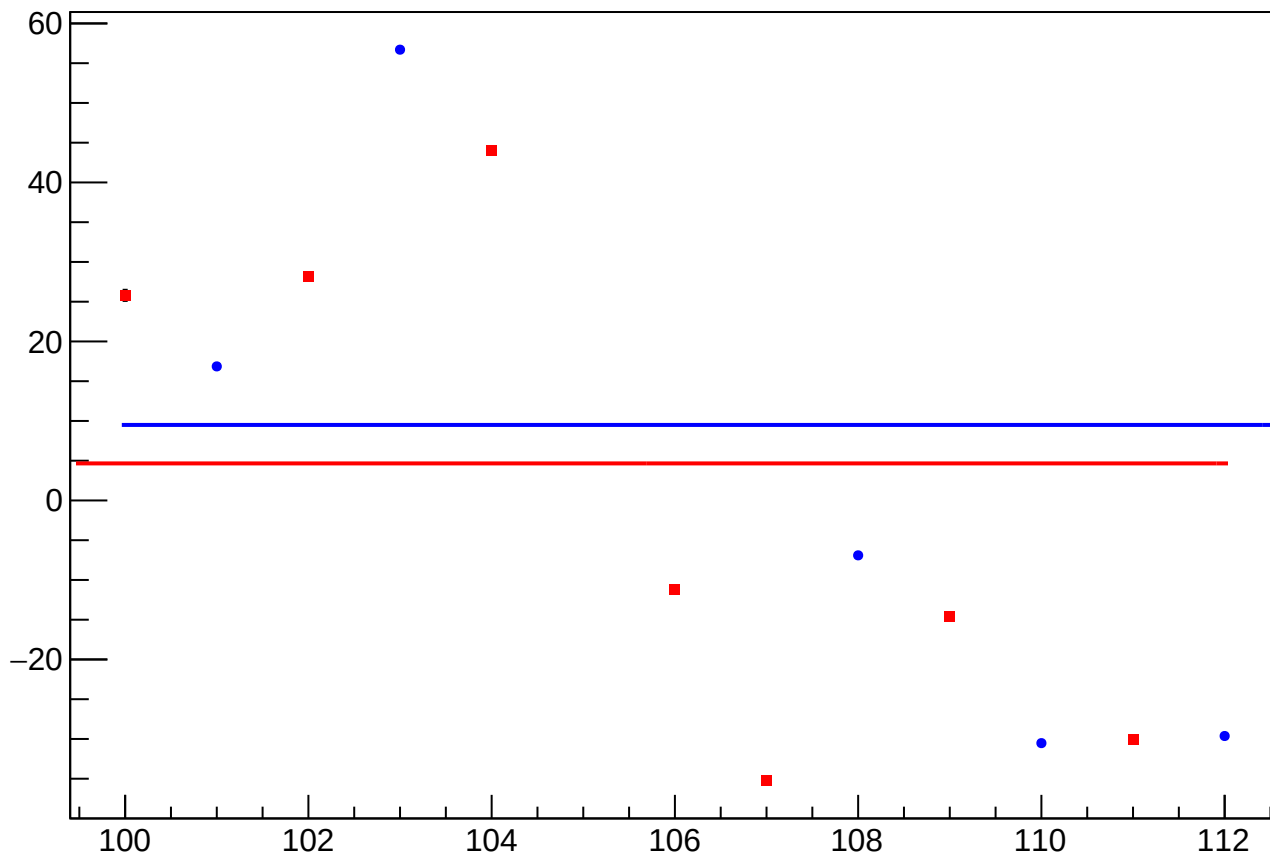
Right: -0.723+/-1.065 χ^2/NDF : 26.4/11

In: 1.324+/-1.608 χ^2/NDF : 14.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.723+/-1.065 χ^2/NDF : 26.4/11

reg_asym_at1_dd_at2_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 9.500+/-0.069 χ^2/NDF : 236643.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.660+/-0.063 χ^2/NDF : 227336.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

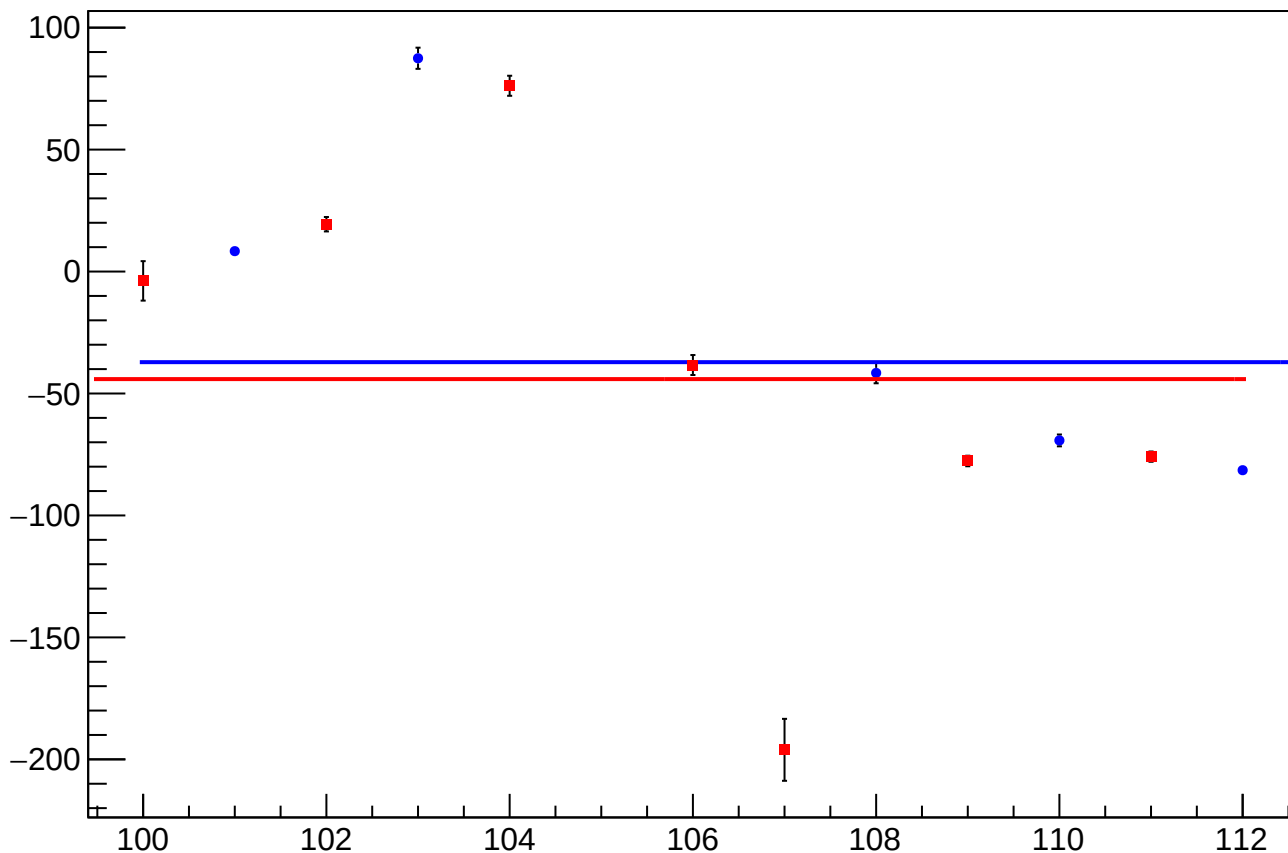
Right: 6.889+/-0.047 χ^2/NDF : 466658.9/11

In: 9.500+/-0.069 χ^2/NDF : 236643.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.889+/-0.047 χ^2/NDF : 466658.9/11

reg_asym_usl_atl1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -37.149 ± 1.117 χ^2/NDF : 2053.3/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -44.096 ± 1.199 χ^2/NDF : 1957.1/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

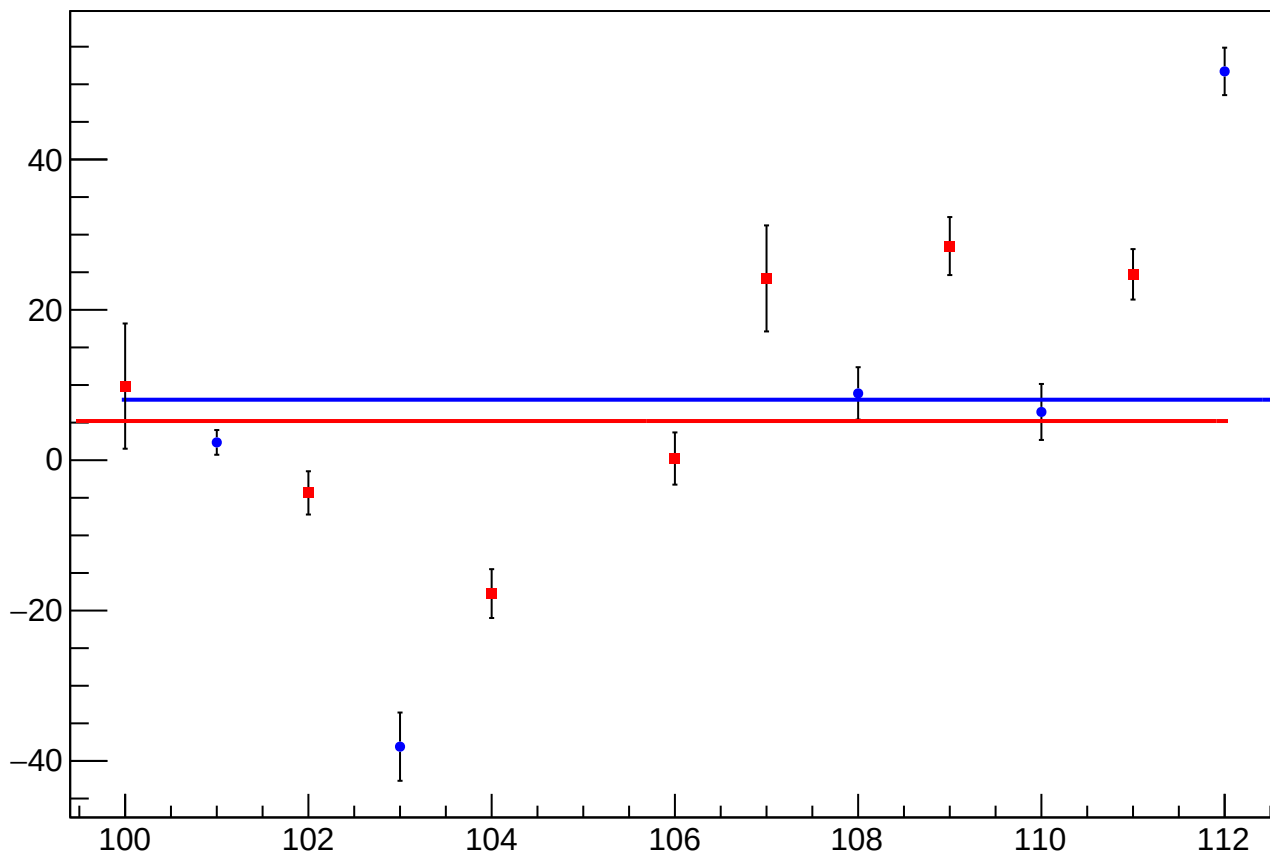
Right: -40.374 ± 0.817 χ^2/NDF : 4028.4/11

In: -37.149 ± 1.117 χ^2/NDF : 2053.3/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -40.374 ± 0.817 χ^2/NDF : 4028.4/11

reg_asym_usl_atl1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.046+/-1.219 χ^2/NDF : 307.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.212+/-1.430 χ^2/NDF : 140.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

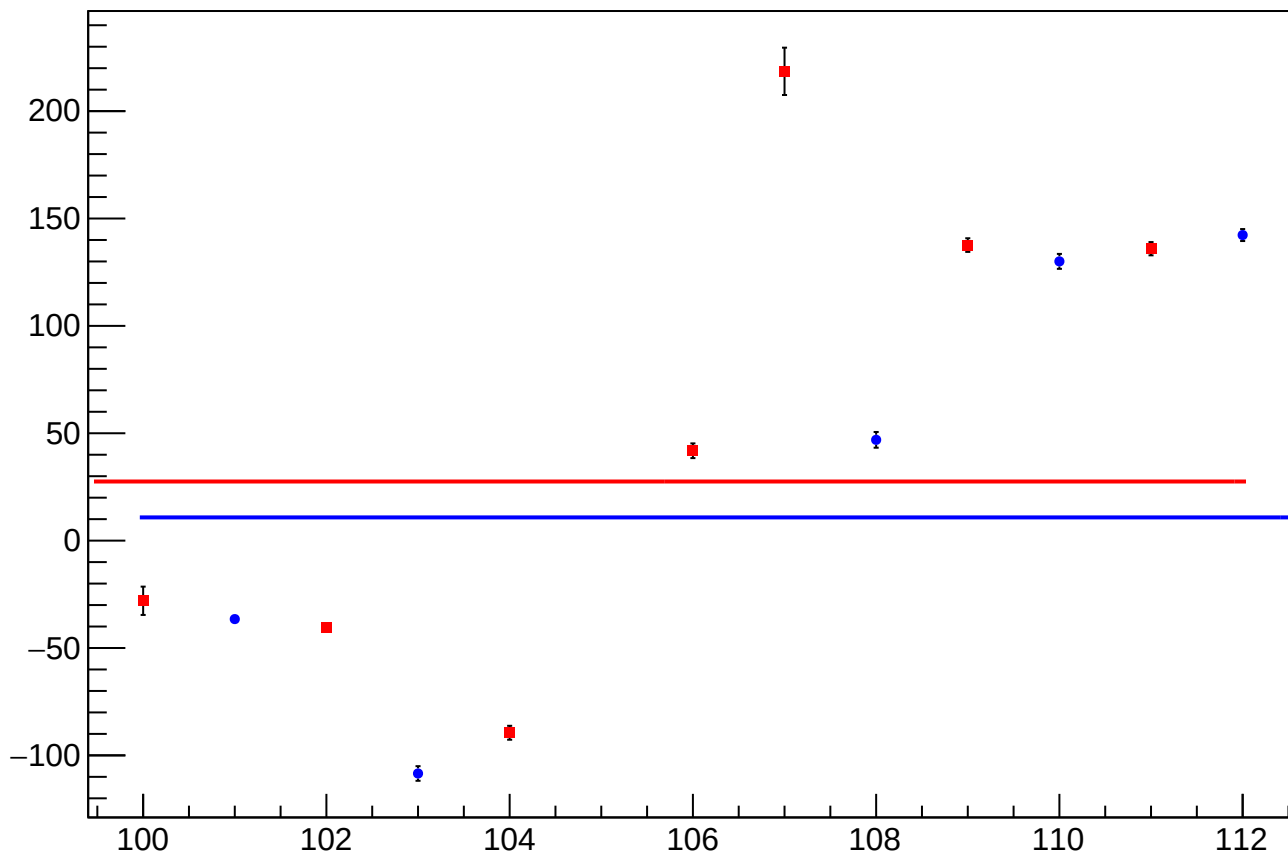
Right: 6.853+/-0.928 χ^2/NDF : 450.1/11

In: 8.046+/-1.219 χ^2/NDF : 307.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.853+/-0.928 χ^2/NDF : 450.1/11

reg_asym_usl_atl1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.815+/-1.135 χ^2/NDF : 5626.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.533+/-1.289 χ^2/NDF : 4985.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

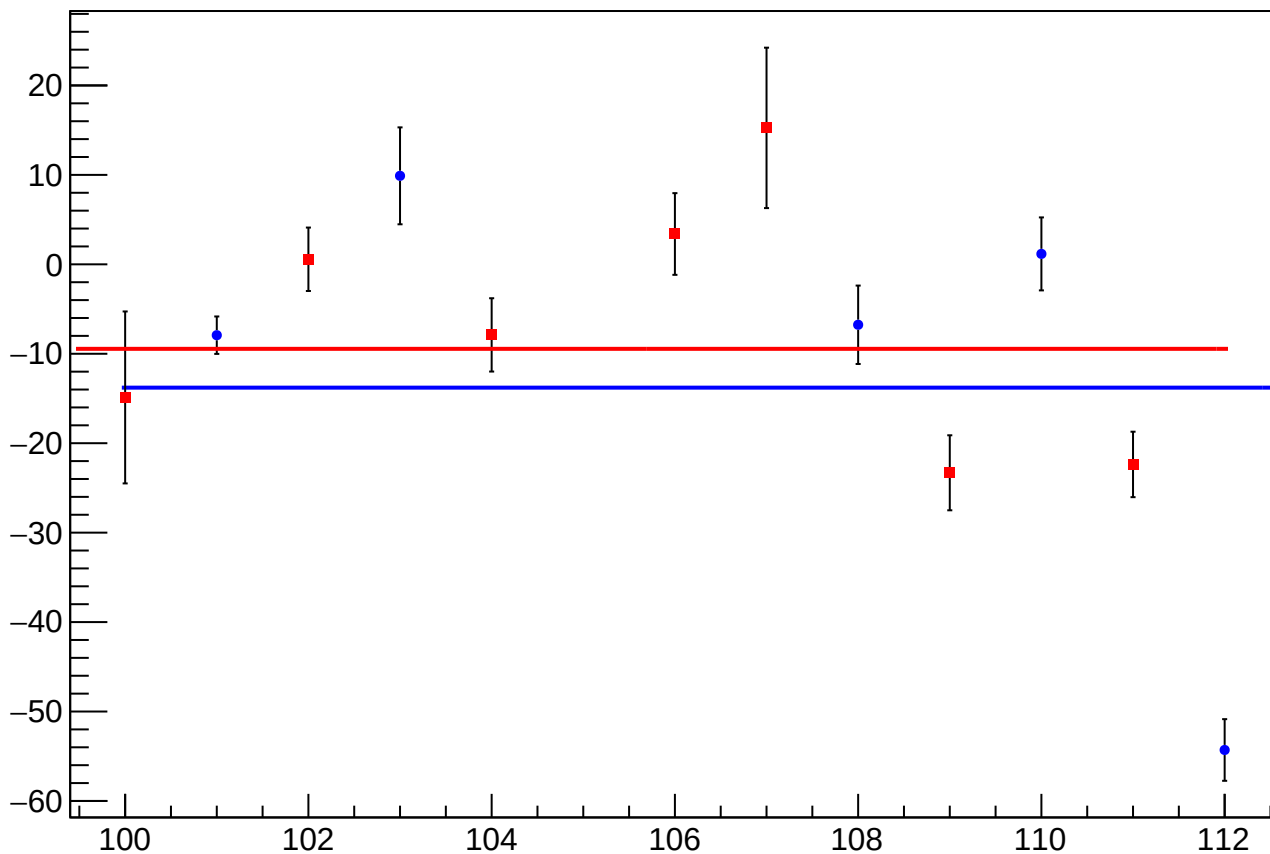
Right: 18.115+/-0.852 χ^2/NDF : 10706.2/11

In: 10.815+/-1.135 χ^2/NDF : 5626.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.115+/-0.852 χ^2/NDF : 10706.2/11

reg_asym_usl_atl1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -13.787 $\pm$ 1.476 χ^2 /NDF: 181.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -9.449 $\pm$ 1.710 χ^2 /NDF: 47.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

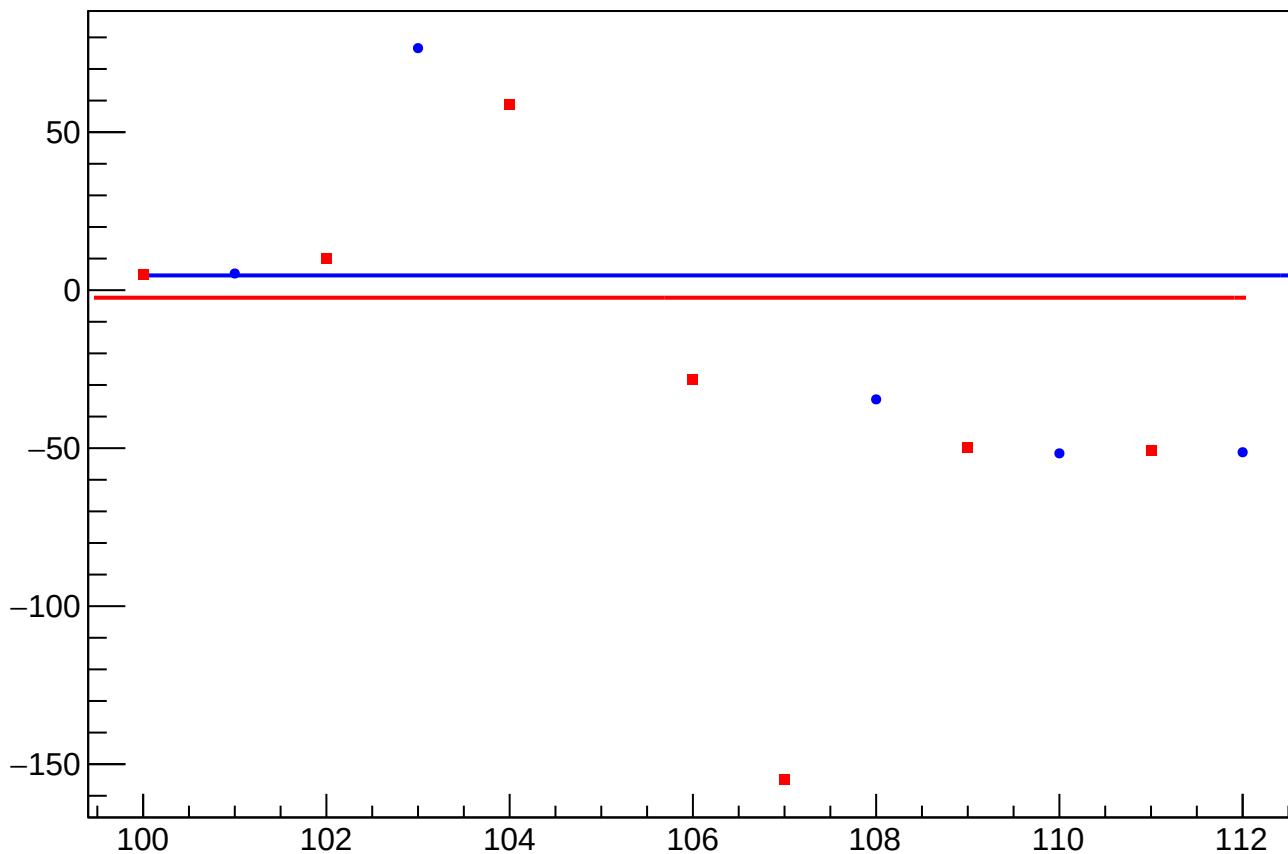
Right: -11.935 $\pm$ 1.118 χ^2 /NDF: 232.1/11

In: -13.787 $\pm$ 1.476 χ^2 /NDF:181.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -11.935 $\pm$ 1.118 χ^2 /NDF: 232.1/11

reg_asym_usl_atl1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 4.667+/-0.064 χ^2/NDF : 427572.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.388+/-0.066 χ^2/NDF : 399385.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

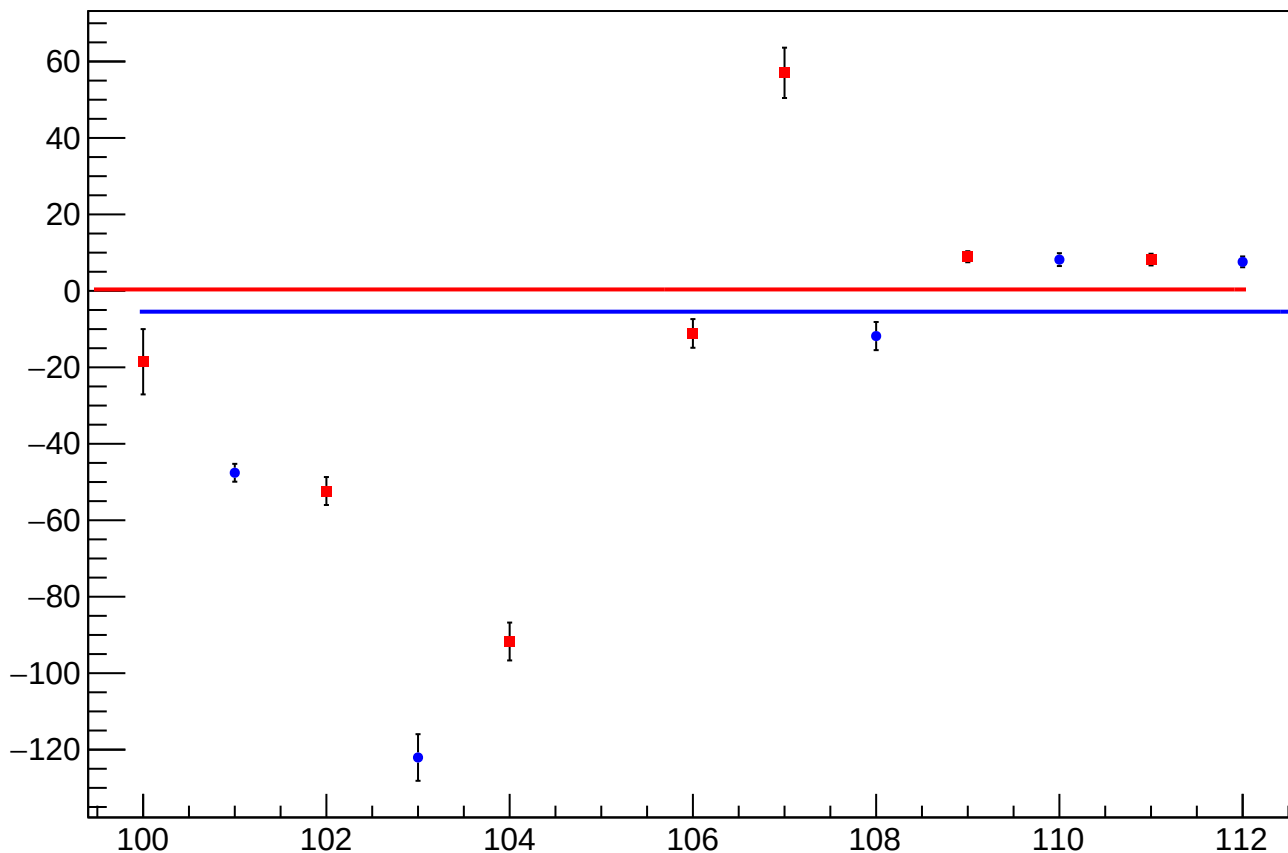
Right: 1.243+/-0.046 χ^2/NDF : 832795.3/11

In: 4.667+/-0.064 χ^2/NDF : 427572.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.243+/-0.046 χ^2/NDF : 832795.3/11

reg_asym_usl_atl1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.442+/-0.937 χ^2/NDF : 845.0/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.371+/-0.940 χ^2/NDF : 703.2/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

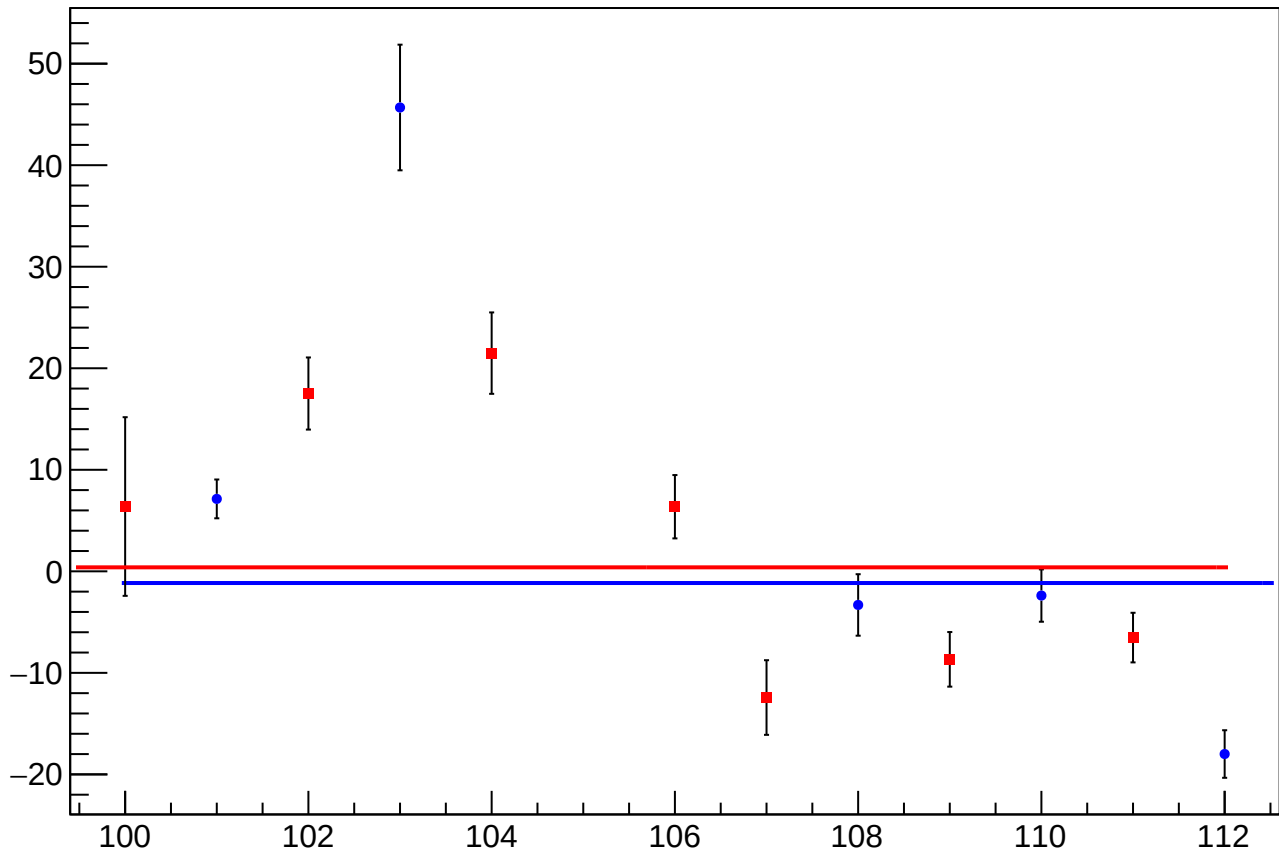
Right: -2.543+/-0.664 χ^2/NDF : 1567.4/11

In: -5.442+/-0.937 χ^2/NDF :845.0/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.543+/-0.664 χ^2/NDF : 1567.4/11

reg_asym_usl_atl1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.151+/-1.161 χ^2/NDF : 128.5/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.392+/-1.253 χ^2/NDF : 86.6/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

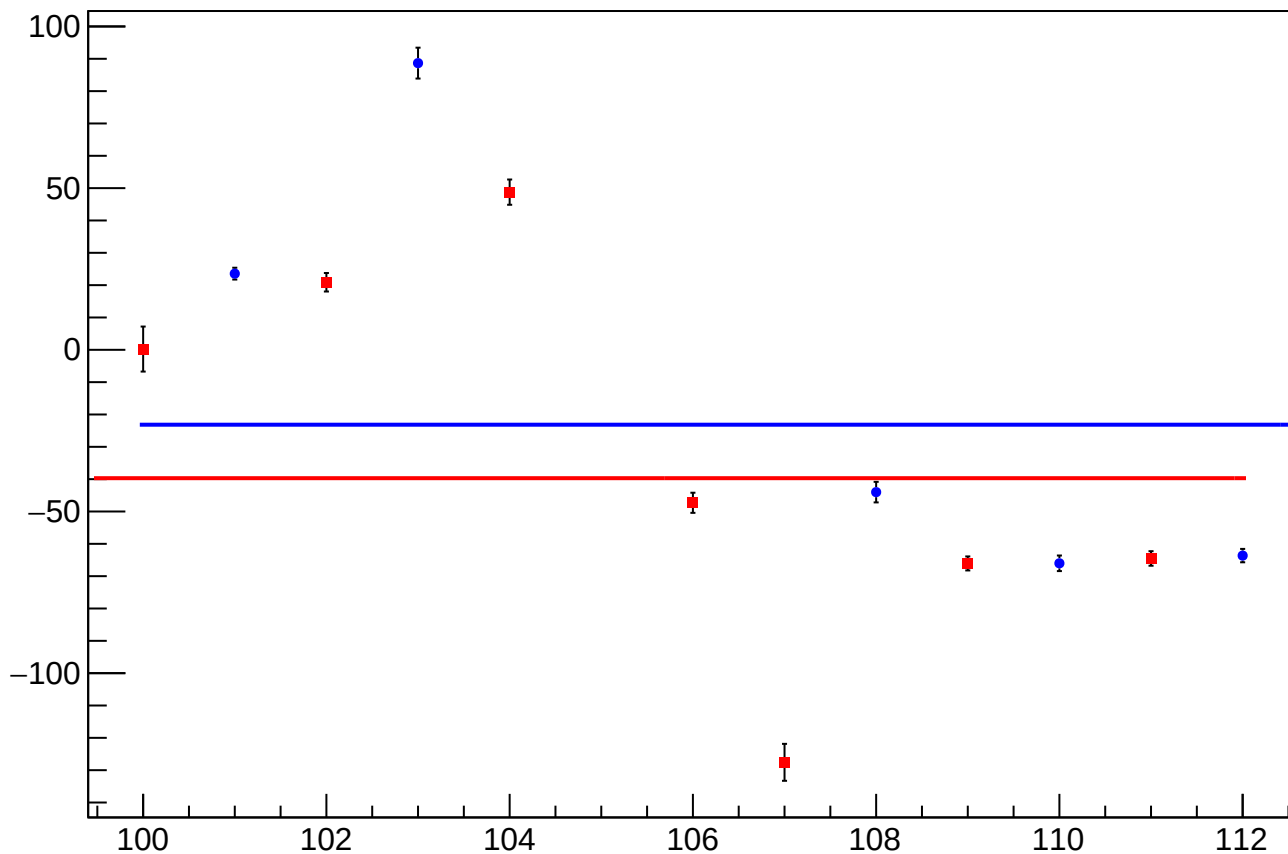
Right: -0.438+/-0.852 χ^2/NDF : 215.9/11

In: -1.151+/-1.161 χ^2/NDF :128.5/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.438+/-0.852 χ^2/NDF : 215.9/11

reg_asym_usl_atl1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -23.159+/-1.086 χ^2/NDF : 1943.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -39.699+/-1.152 χ^2/NDF : 1506.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

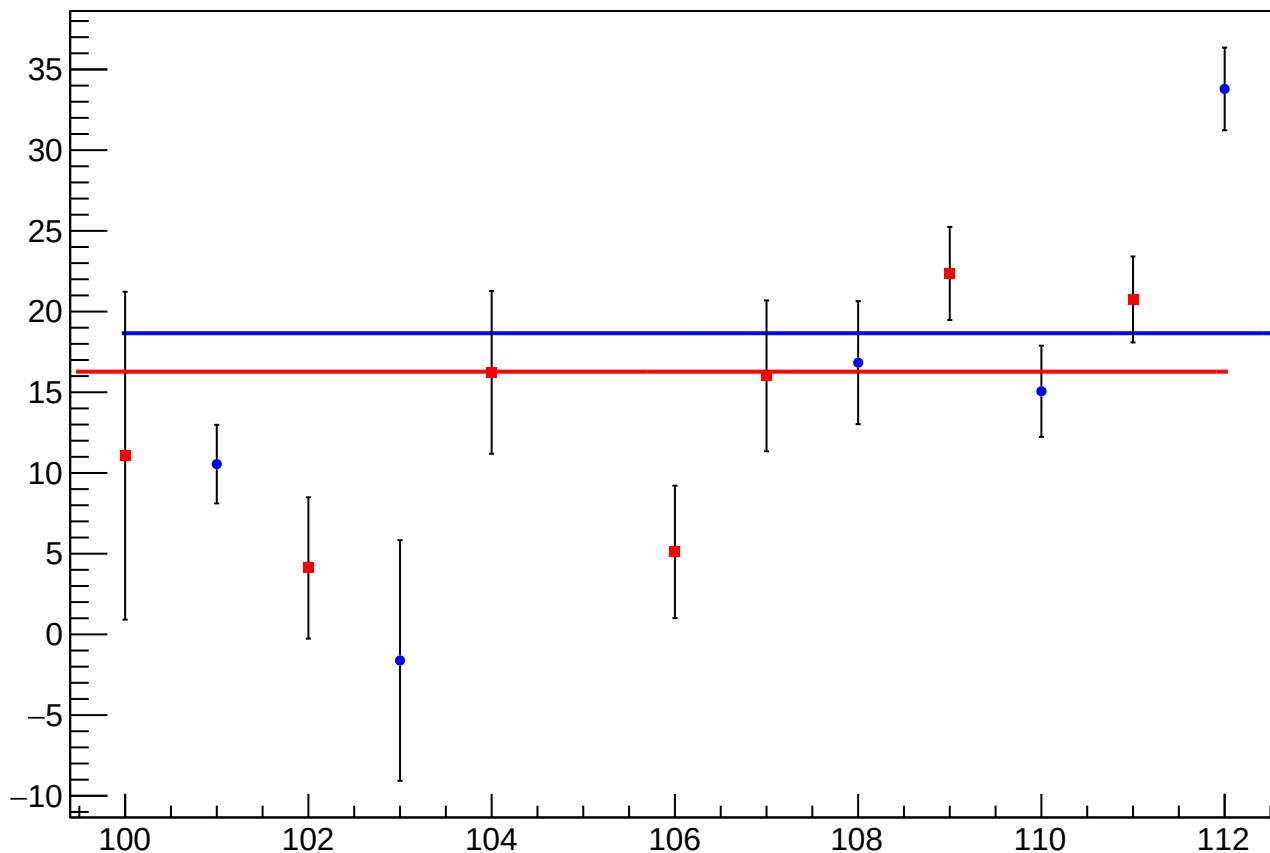
Right: -30.940+/-0.790 χ^2/NDF : 3559.2/11

In: -23.159+/-1.086 χ^2/NDF : 1943.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.940+/-0.790 χ^2/NDF : 3559.2/11

reg_asym_usl_atl1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 18.658+/-1.368 χ^2/NDF : 55.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.276+/-1.462 χ^2/NDF : 22.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

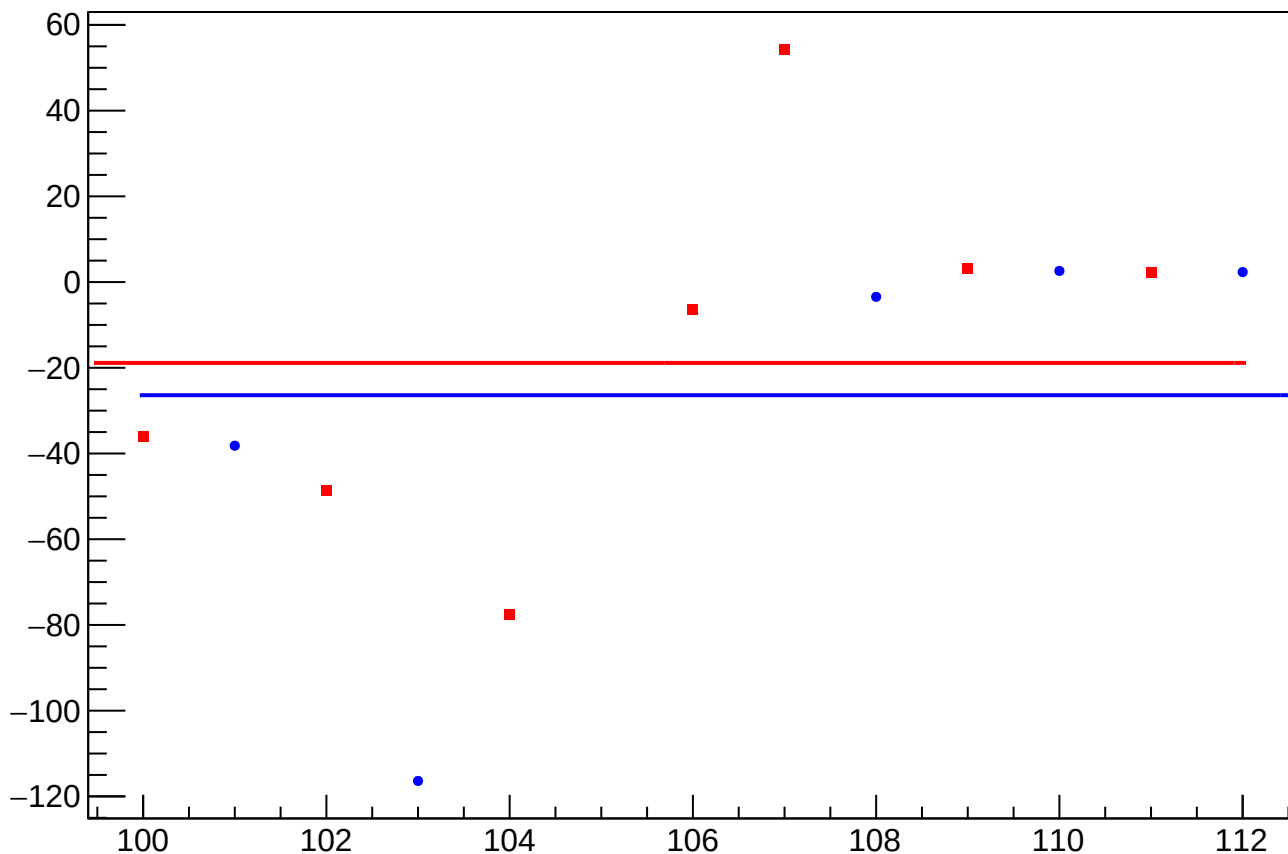
Right: 17.546+/-0.999 χ^2/NDF : 79.4/11

In: 18.658+/-1.368 χ^2/NDF : 55.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.546+/-0.999 χ^2/NDF : 79.4/11

reg_asym_usl_atl1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -26.396 $\pm$ 0.066 χ^2 /NDF: 292614.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -18.861 $\pm$ 0.065 χ^2 /NDF: 292356.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

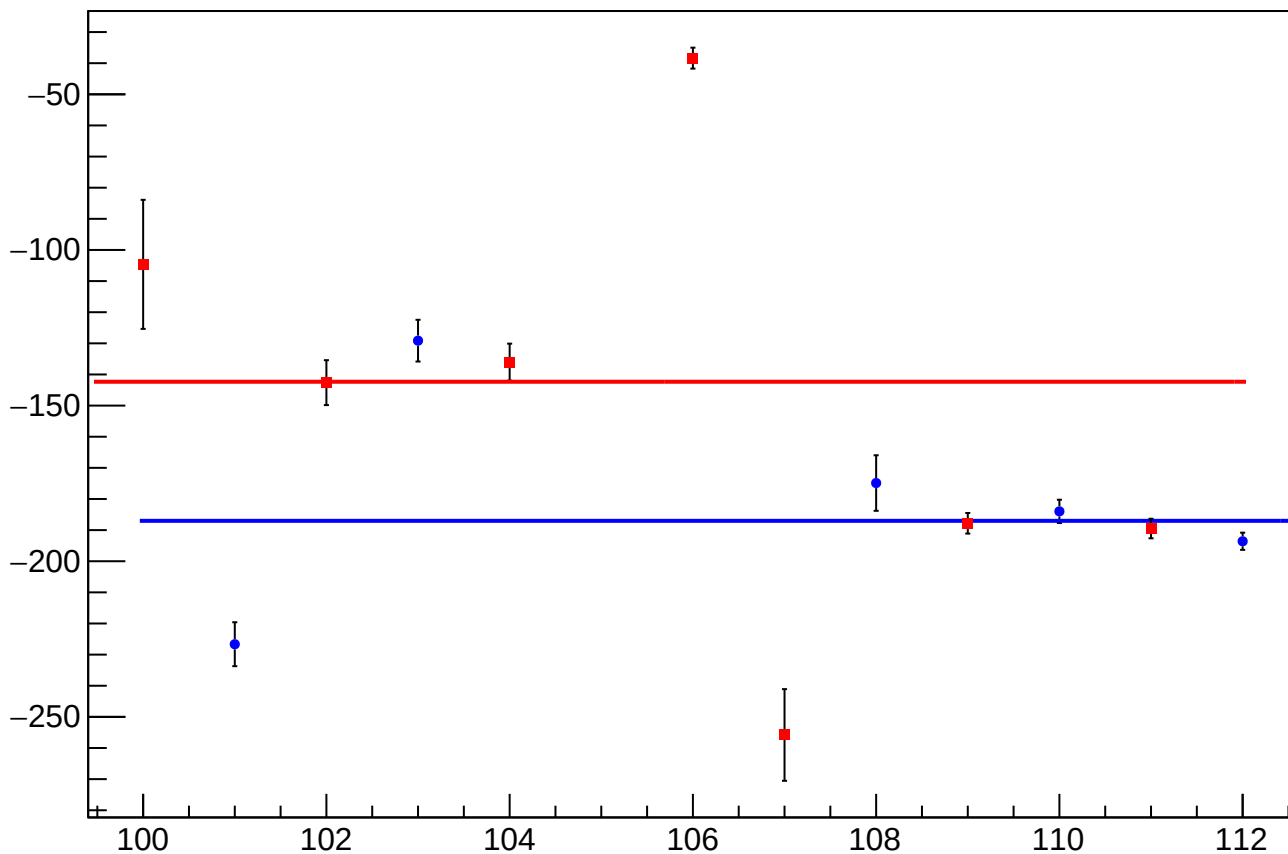
Right: -22.587 $\pm$ 0.046 χ^2 /NDF: 591611.8/11

In: -26.396 $\pm$ 0.066 χ^2 /NDF:292614.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -22.587 $\pm$ 0.046 χ^2 /NDF: 591611.8/11

reg_asym_usl_atl2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -187.019+/-1.969 χ^2 /NDF: 114.3/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -142.337+/-1.727 χ^2 /NDF: 1432.7/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

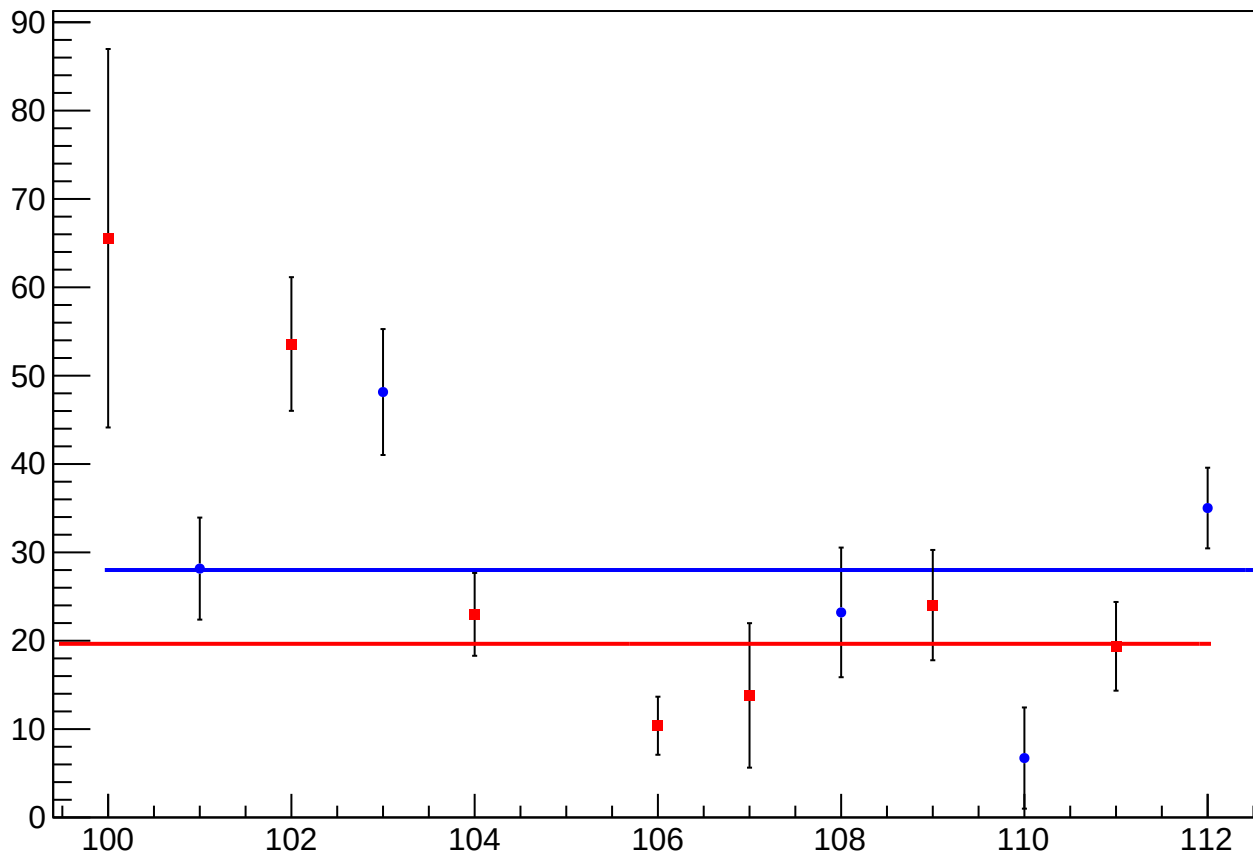
Right: -161.763+/-1.298 χ^2 /NDF: 1838.1/11

In: -187.019+/-1.969 χ^2 /NDF:114.3/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -161.763+/-1.298 χ^2 /NDF: 1838.1/11

reg_asym_usl_atl2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 28.006 $\pm$ 2.610 χ^2 /NDF: 24.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 19.652 $\pm$ 2.049 χ^2 /NDF: 34.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

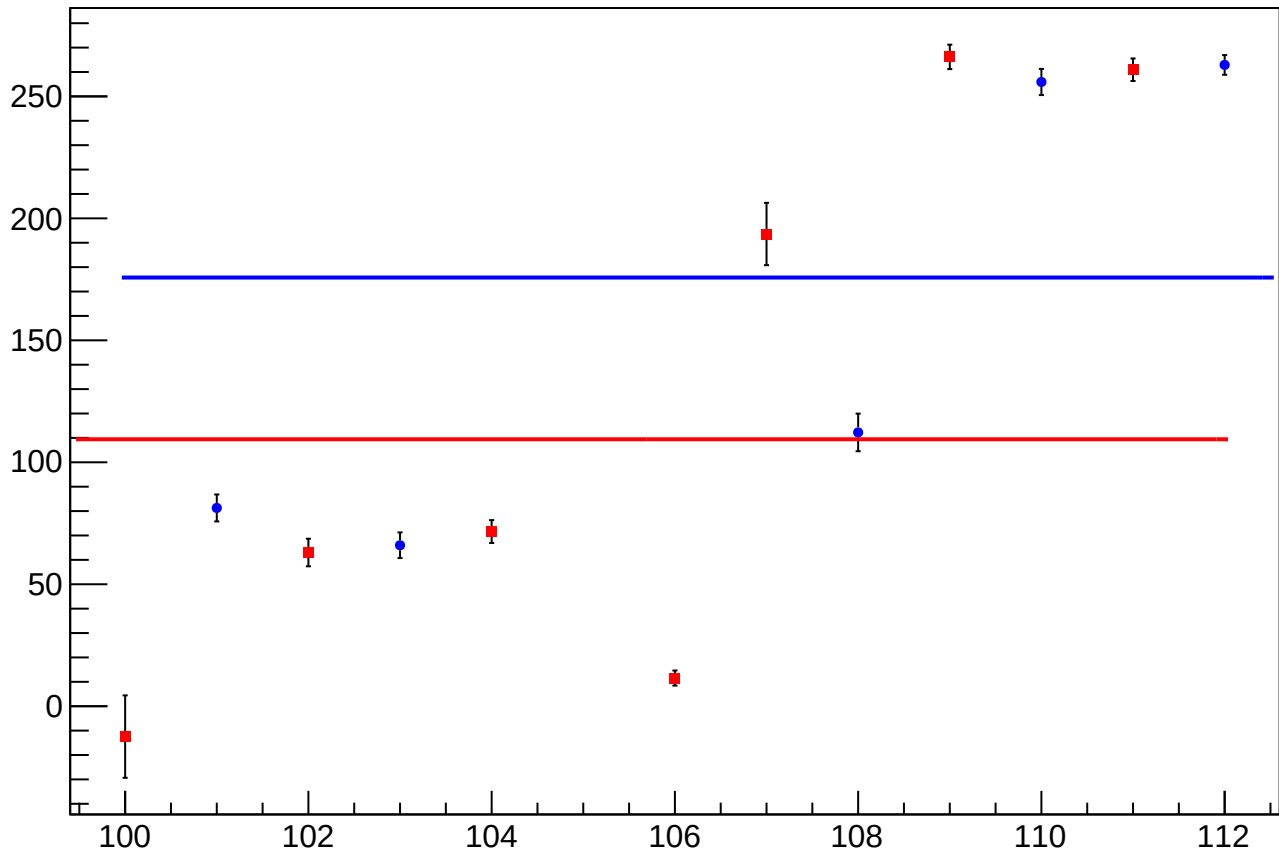
Right: 22.838 $\pm$ 1.612 χ^2 /NDF: 65.1/11

In: 28.006 $\pm$ 2.610 χ^2 /NDF:24.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 22.838 $\pm$ 1.612 χ^2 /NDF: 65.1/11

reg_asym_usl_atl2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 175.738 $\pm$ 2.345 χ^2 /NDF: 1485.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 109.441 $\pm$ 1.896 χ^2 /NDF: 3288.9/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

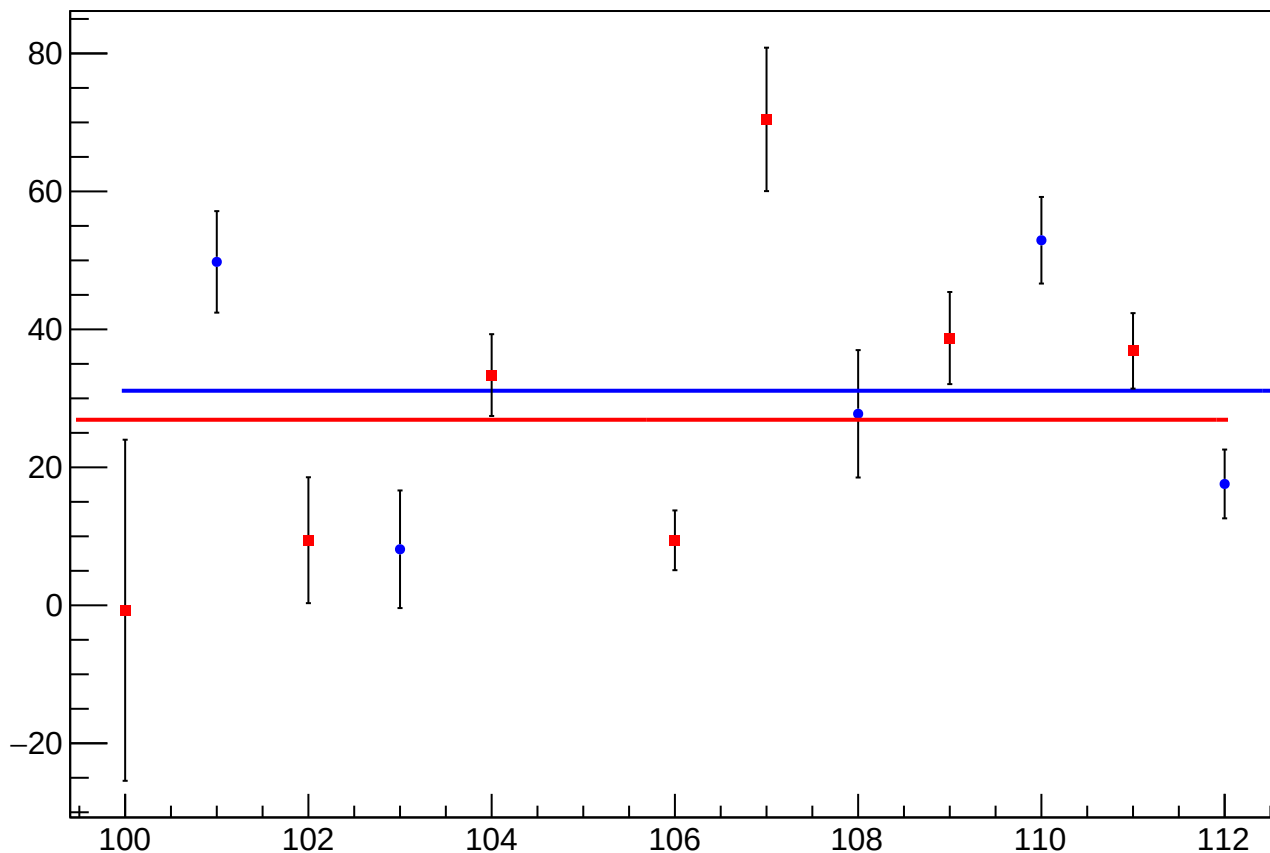
Right: 135.657 $\pm$ 1.474 χ^2 /NDF: 5257.5/11

In: 175.738 $\pm$ 2.345 χ^2 /NDF:1485.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 135.657 $\pm$ 1.474 χ^2 /NDF: 5257.5/11

reg_asym_usl_atl2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 31.105+/-3.021 χ^2/NDF : 33.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.899+/-2.496 χ^2/NDF : 46.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

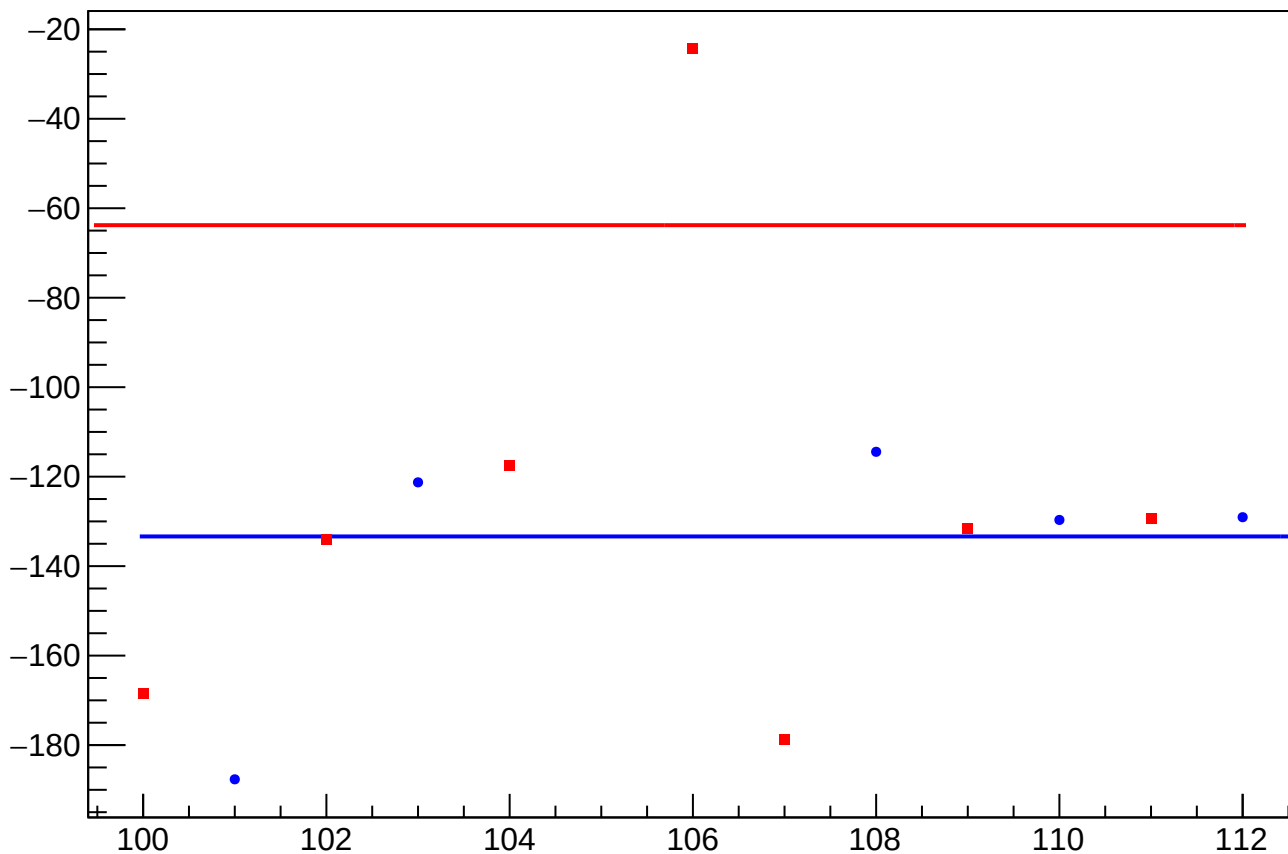
Right: 28.605+/-1.924 χ^2/NDF : 80.8/11

In: 31.105+/-3.021 χ^2/NDF : 33.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.605+/-1.924 χ^2/NDF : 80.8/11

reg_asym_usl_atl2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -133.363+/-0.135 χ^2/NDF : 33900.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -63.785+/-0.081 χ^2/NDF : 420005.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

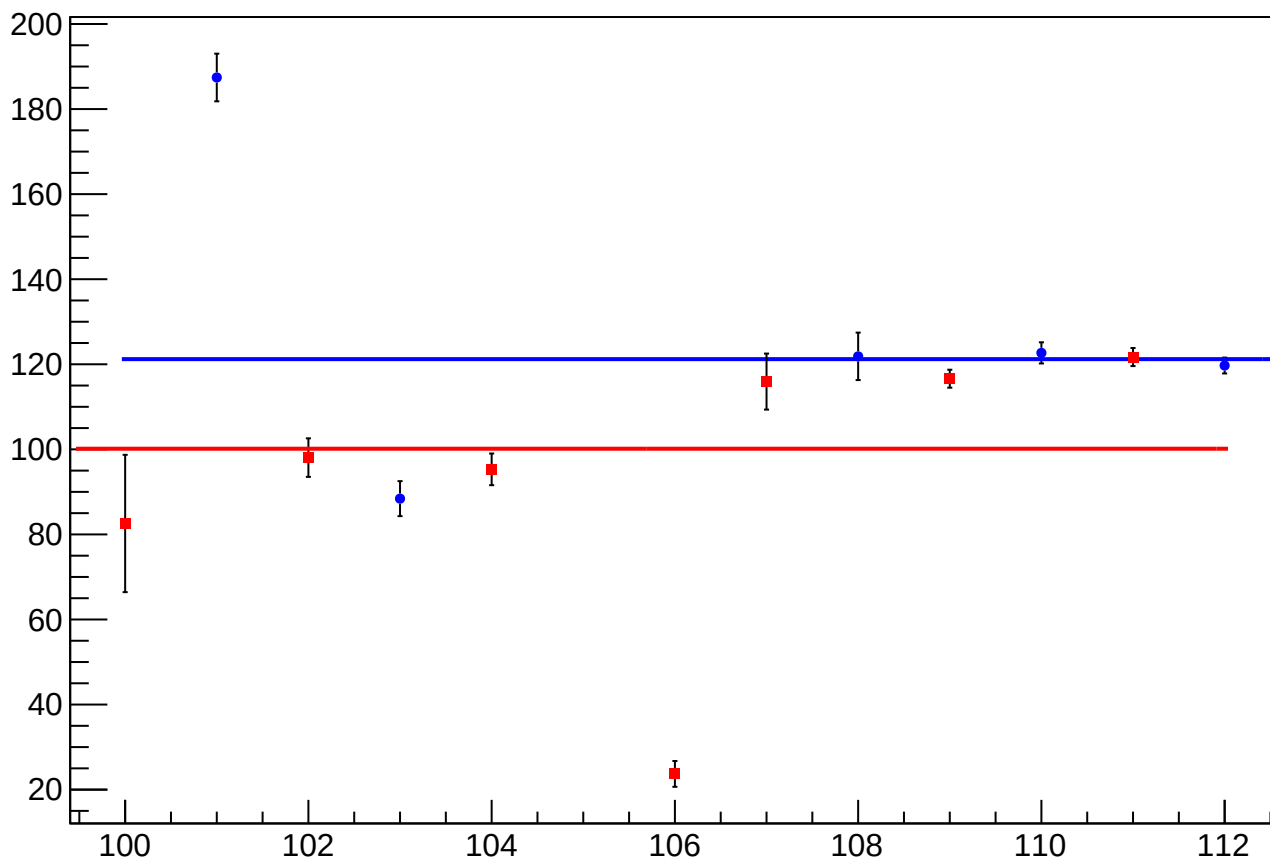
Right: -82.182+/-0.070 χ^2/NDF : 648824.0/11

In: -133.363+/-0.135 χ^2/NDF : 33900.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -82.182+/-0.070 χ^2/NDF : 648824.0/11

reg_asym_usl_atl2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 121.207 $\pm$ 1.321 χ^2 /NDF: 204.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 100.147 $\pm$ 1.193 χ^2 /NDF: 808.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

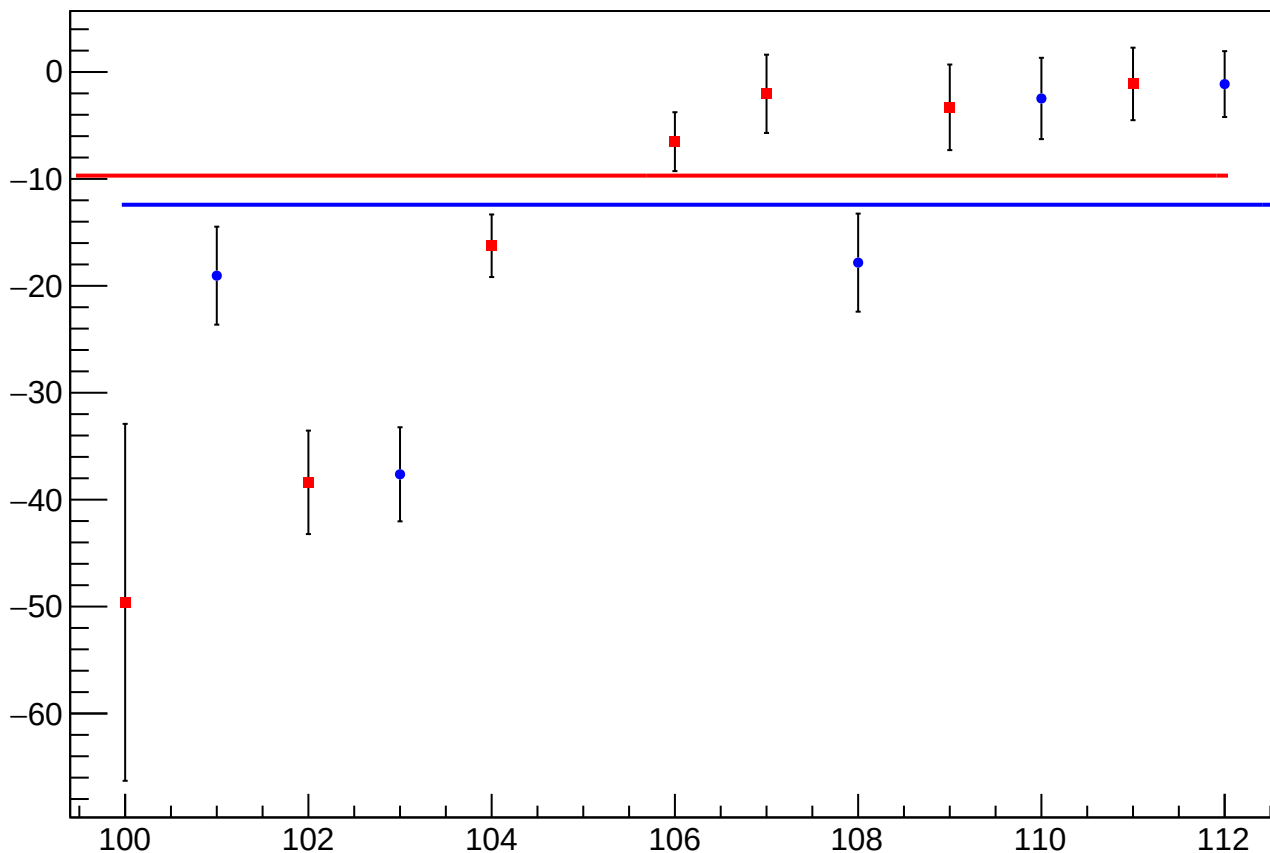
Right: 109.610 $\pm$ 0.885 χ^2 /NDF: 1152.4/11

In: 121.207 $\pm$ 1.321 χ^2 /NDF:204.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 109.610 $\pm$ 0.885 χ^2 /NDF: 1152.4/11

reg_asym_usl_atl2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.415 $\pm$ 1.764 χ^2 /NDF: 56.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -9.691 $\pm$ 1.388 χ^2 /NDF: 60.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

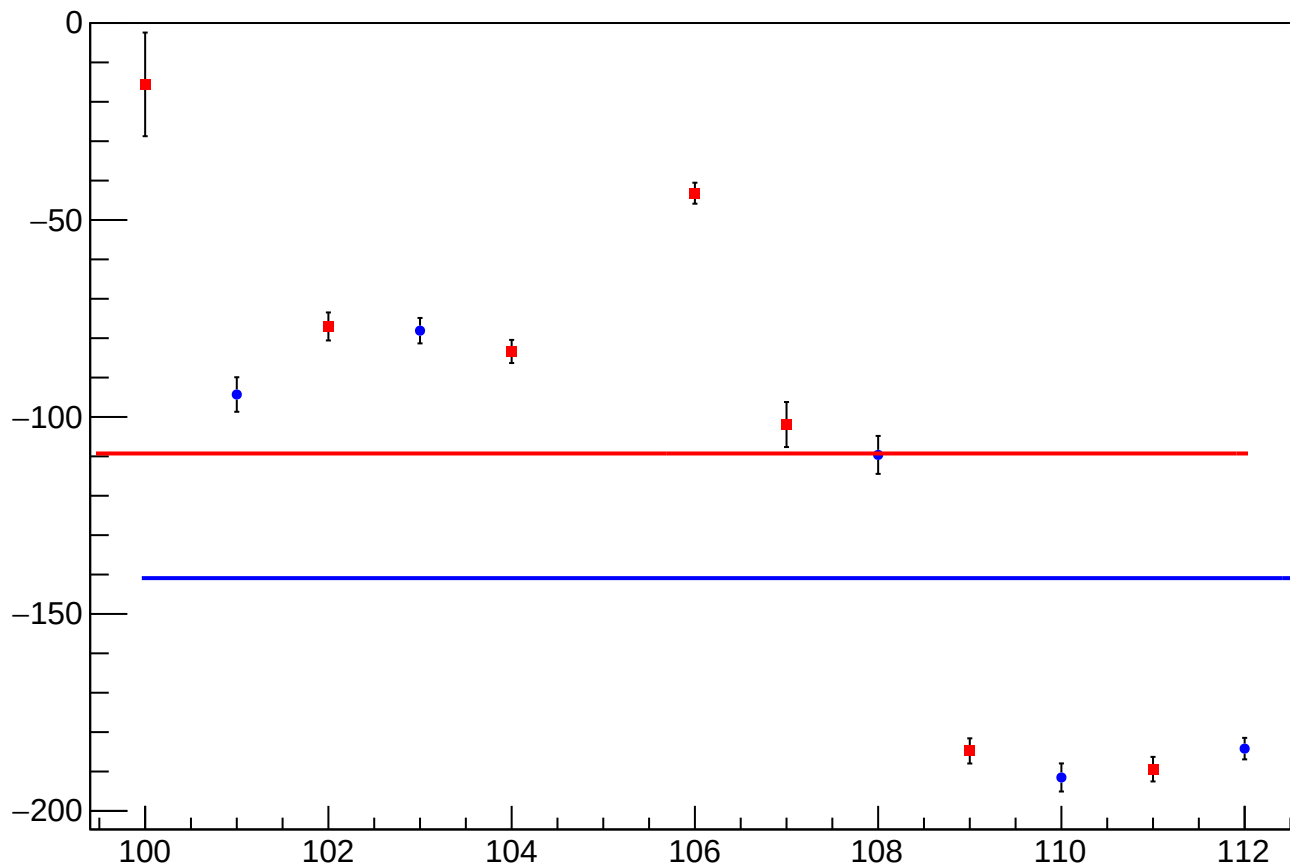
Right: -10.732 $\pm$ 1.091 χ^2 /NDF: 118.6/11

In: -12.415 $\pm$ 1.764 χ^2 /NDF:56.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -10.732 $\pm$ 1.091 χ^2 /NDF: 118.6/11

reg_asym_usl_atl2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -140.910+/-1.573 χ^2/NDF : 987.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -109.267+/-1.321 χ^2/NDF : 2045.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

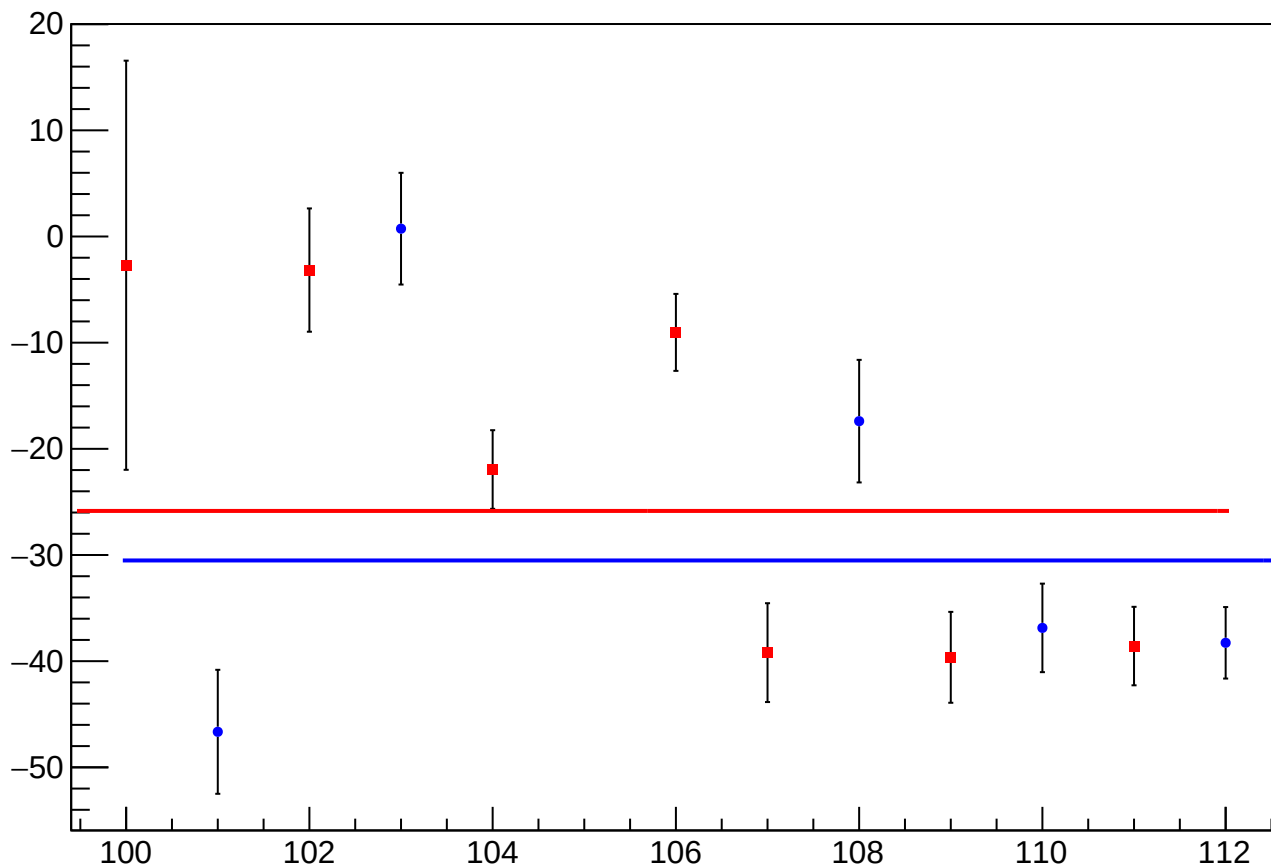
Right: -122.354+/-1.012 χ^2/NDF : 3270.0/11

In: -140.910+/-1.573 χ^2/NDF : 987.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -122.354+/-1.012 χ^2/NDF : 3270.0/11

reg_asym_usl_atl2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -30.515 ± 2.036 $\chi^2/\text{NDF}: 55.7/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -25.850 ± 1.678 $\chi^2/\text{NDF}: 69.8/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

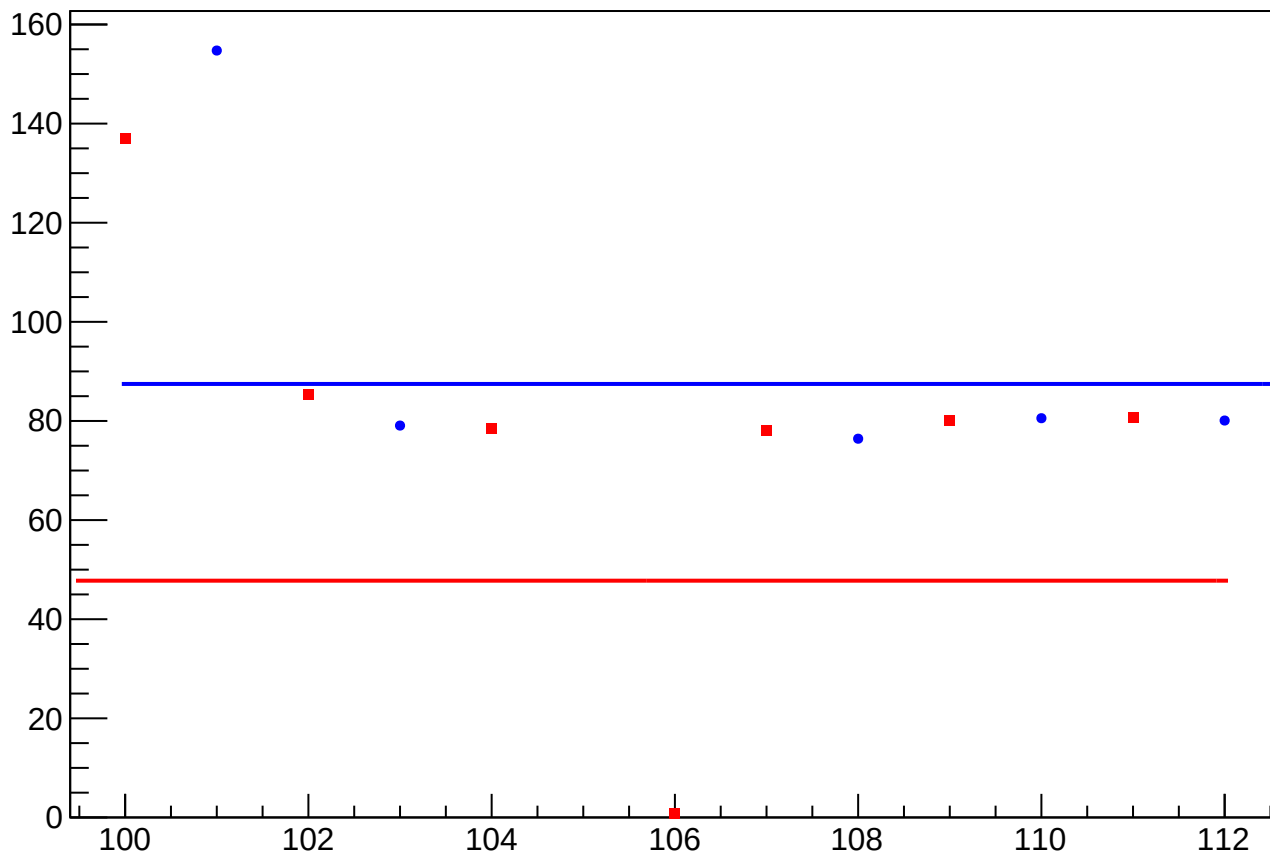
Right: -27.736 ± 1.295 $\chi^2/\text{NDF}: 128.6/11$

In: -30.515 ± 2.036 $\chi^2/\text{NDF}: 55.7/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -27.736 ± 1.295 $\chi^2/\text{NDF}: 128.6/11$

reg_asym_usl_atl2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 87.469+/-0.088 χ^2/NDF : 74679.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.775+/-0.062 χ^2/NDF : 416394.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

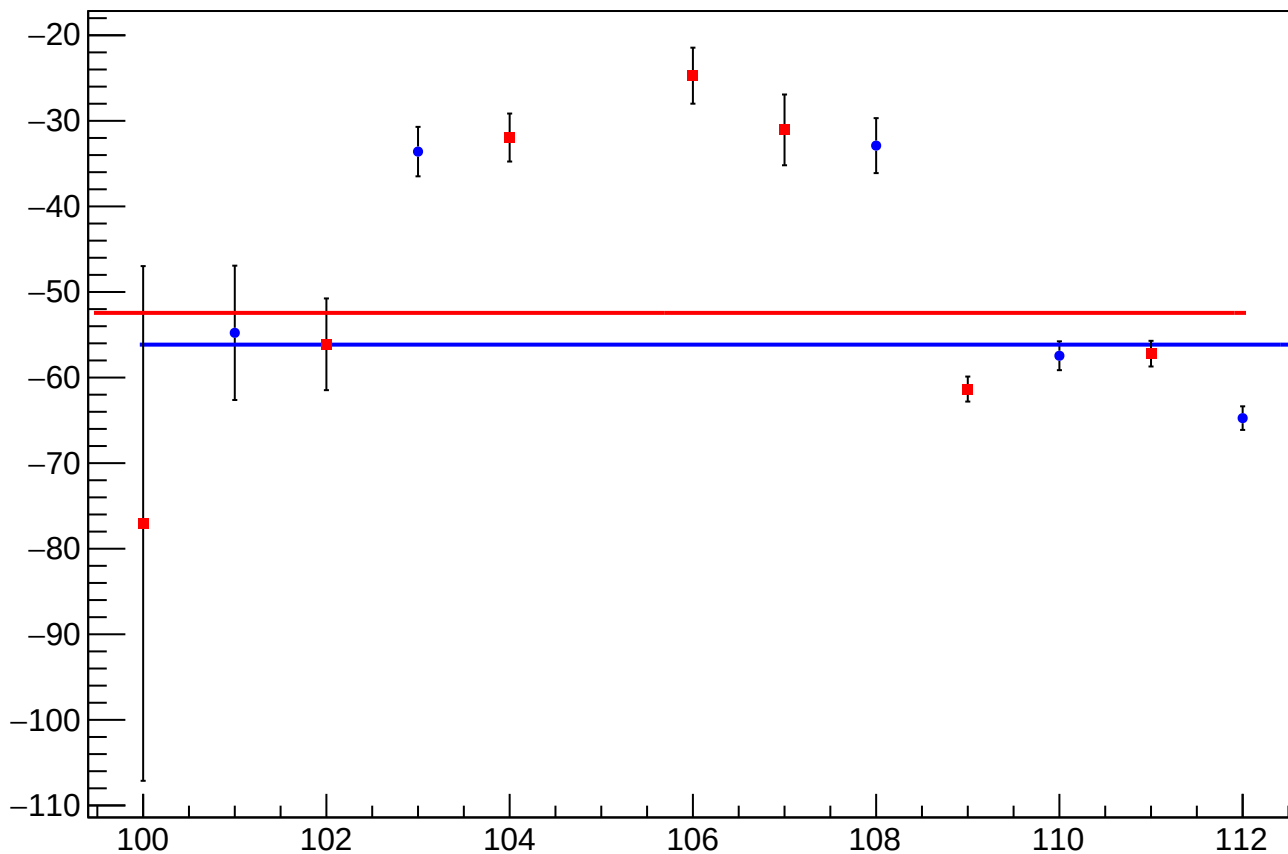
Right: 61.001+/-0.051 χ^2/NDF : 625529.6/11

In: 87.469+/-0.088 χ^2/NDF : 74679.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.001+/-0.051 χ^2/NDF : 625529.6/11

reg_asym_usr_atr1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -56.151 $\pm$ 0.948 χ^2 /NDF: 152.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -52.442 $\pm$ 0.902 χ^2 /NDF: 200.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

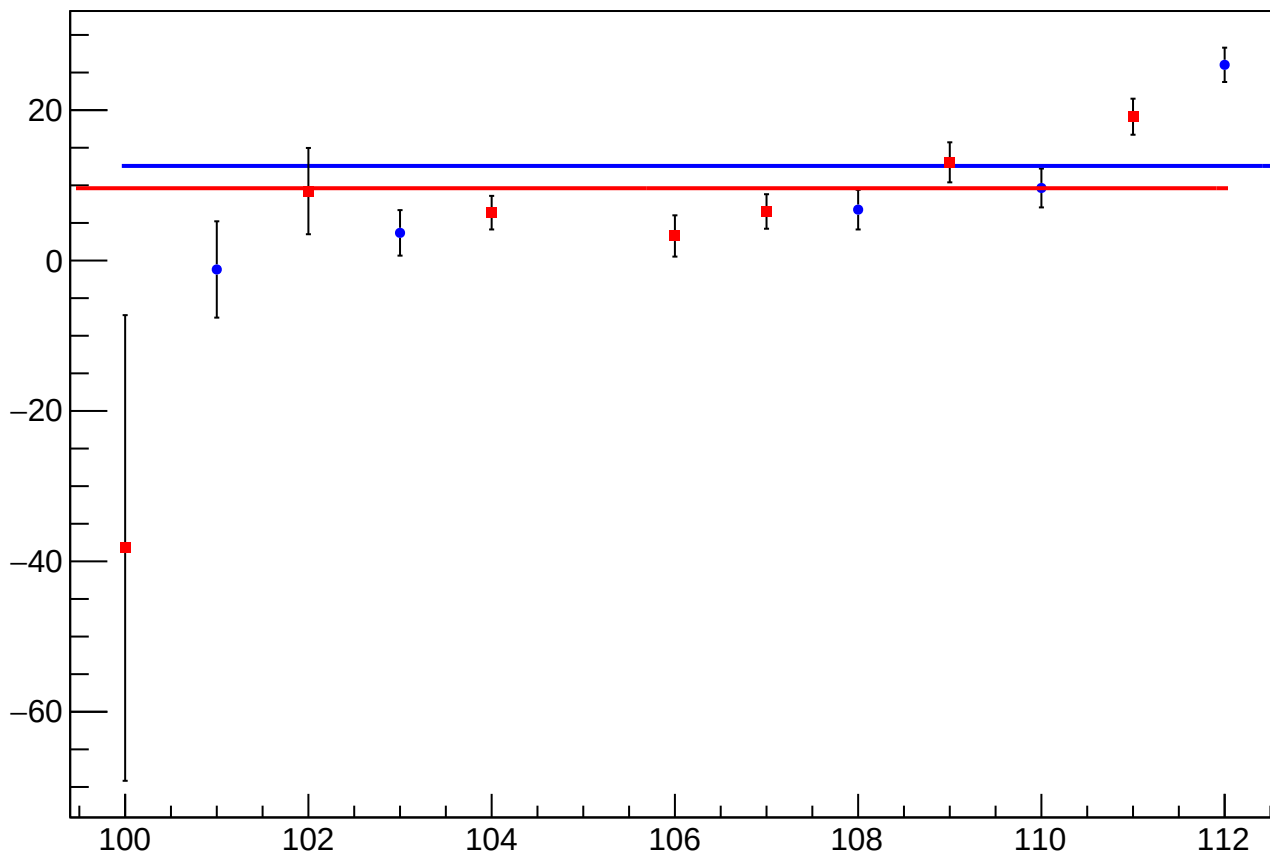
Right: -54.205 $\pm$ 0.654 χ^2 /NDF: 361.0/11

In: -56.151 $\pm$ 0.948 χ^2 /NDF:152.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -54.205 $\pm$ 0.654 χ^2 /NDF: 361.0/11

reg_asym_usr_atr1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.582+/-1.271 χ^2 /NDF: 54.1/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 9.617+/-1.072 χ^2 /NDF: 29.1/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

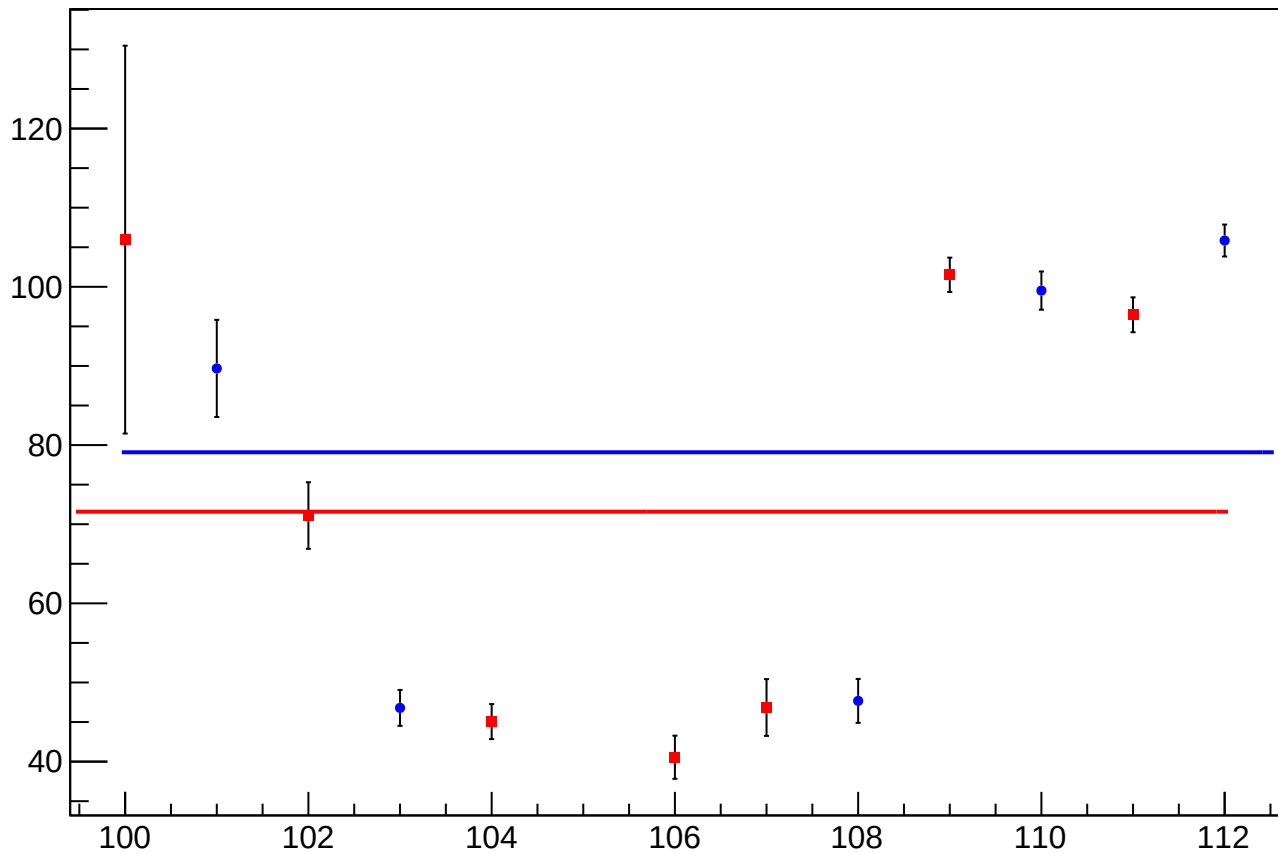
Right: 10.850+/-0.820 χ^2 /NDF: 86.4/11

In: 12.582+/-1.271 χ^2 /NDF:54.1/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 10.850+/-0.820 χ^2 /NDF: 86.4/11

reg_asym_usr_atr1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 79.091+/-1.141 χ^2/NDF : 581.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.583+/-1.058 χ^2/NDF : 641.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

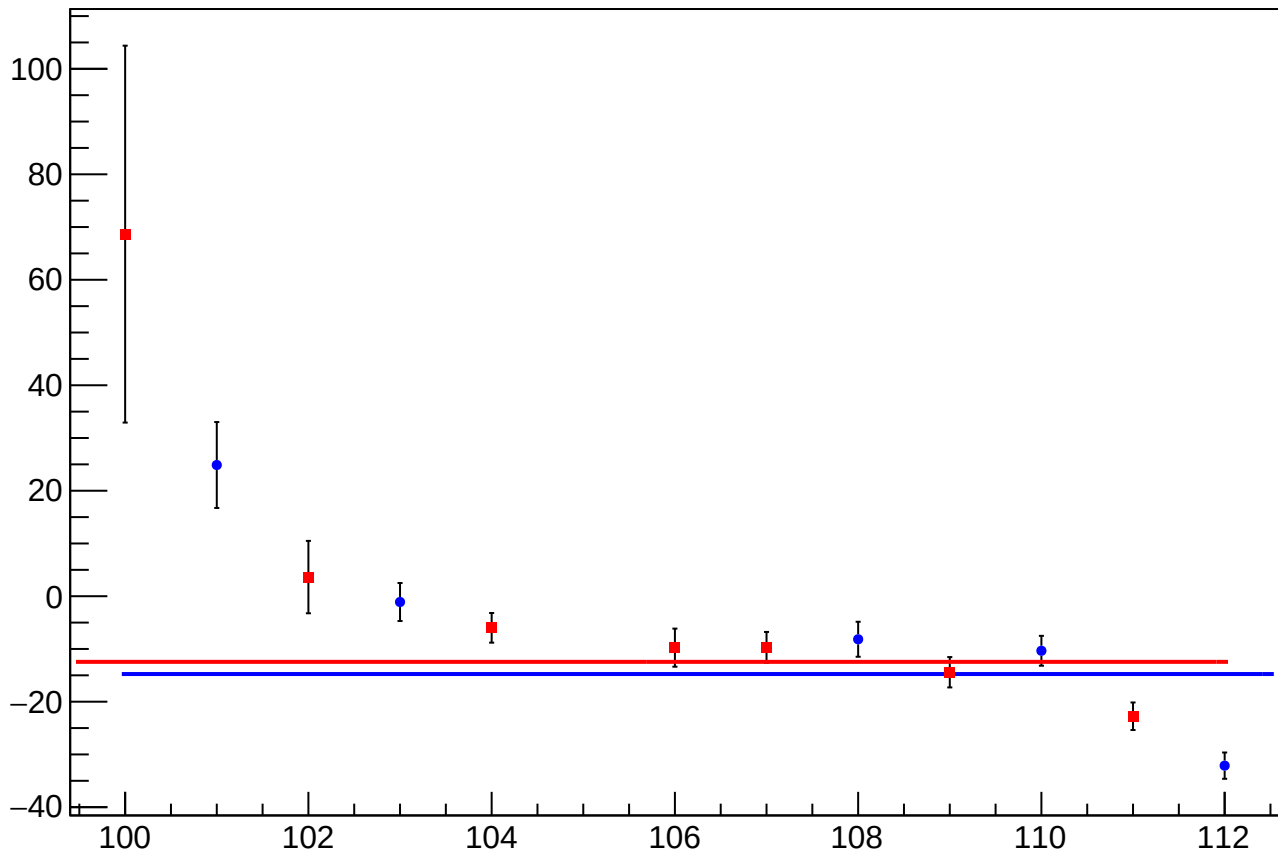
Right: 75.053+/-0.776 χ^2/NDF : 1245.9/11

In: 79.091+/-1.141 χ^2/NDF : 581.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.053+/-0.776 χ^2/NDF : 1245.9/11

reg_asym_usr_atr1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -14.755+/-1.461 χ^2/NDF : 93.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.446+/-1.280 χ^2/NDF : 33.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

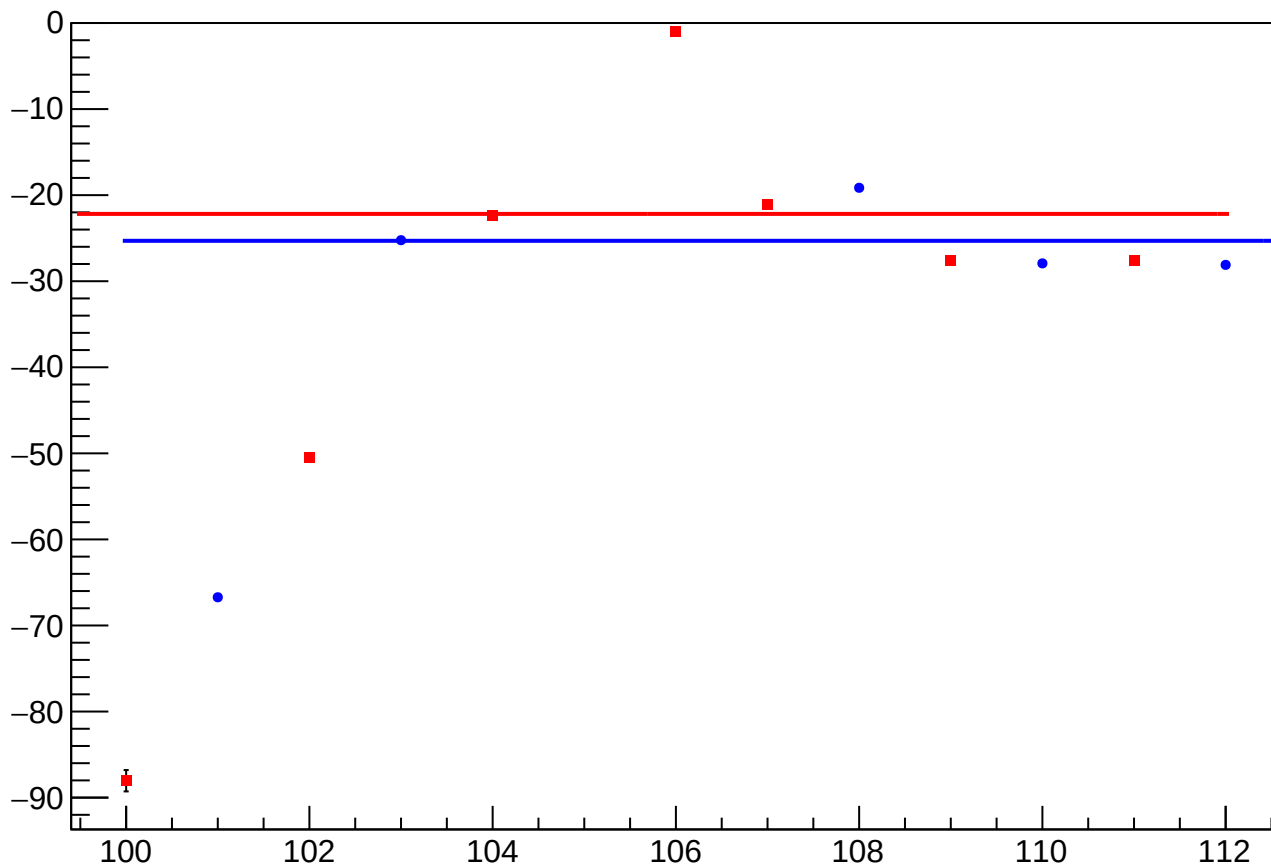
Right: -13.449+/-0.963 χ^2/NDF : 127.8/11

In: -14.755+/-1.461 χ^2/NDF : 93.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.449+/-0.963 χ^2/NDF : 127.8/11

reg_asym_usr_atr1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -25.306+/-0.062 χ^2/NDF : 16447.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -22.180+/-0.057 χ^2/NDF : 58250.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

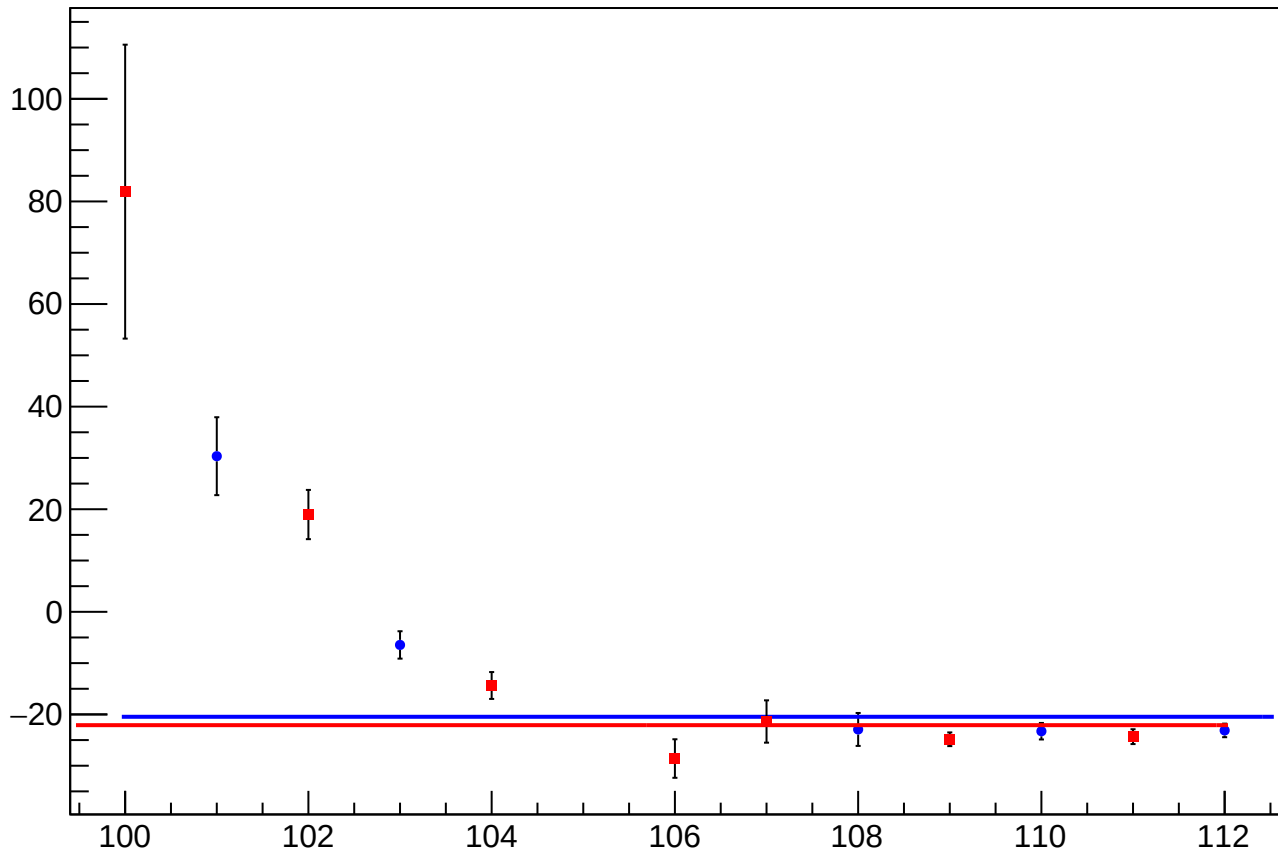
Right: -23.613+/-0.042 χ^2/NDF : 76086.9/11

In: -25.306+/-0.062 χ^2/NDF : 16447.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.613+/-0.042 χ^2/NDF : 76086.9/11

reg_asym_usr_atr1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -20.460 ± 0.908 $\chi^2/\text{NDF}: 79.9/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -22.095 ± 0.857 $\chi^2/\text{NDF}: 104.8/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

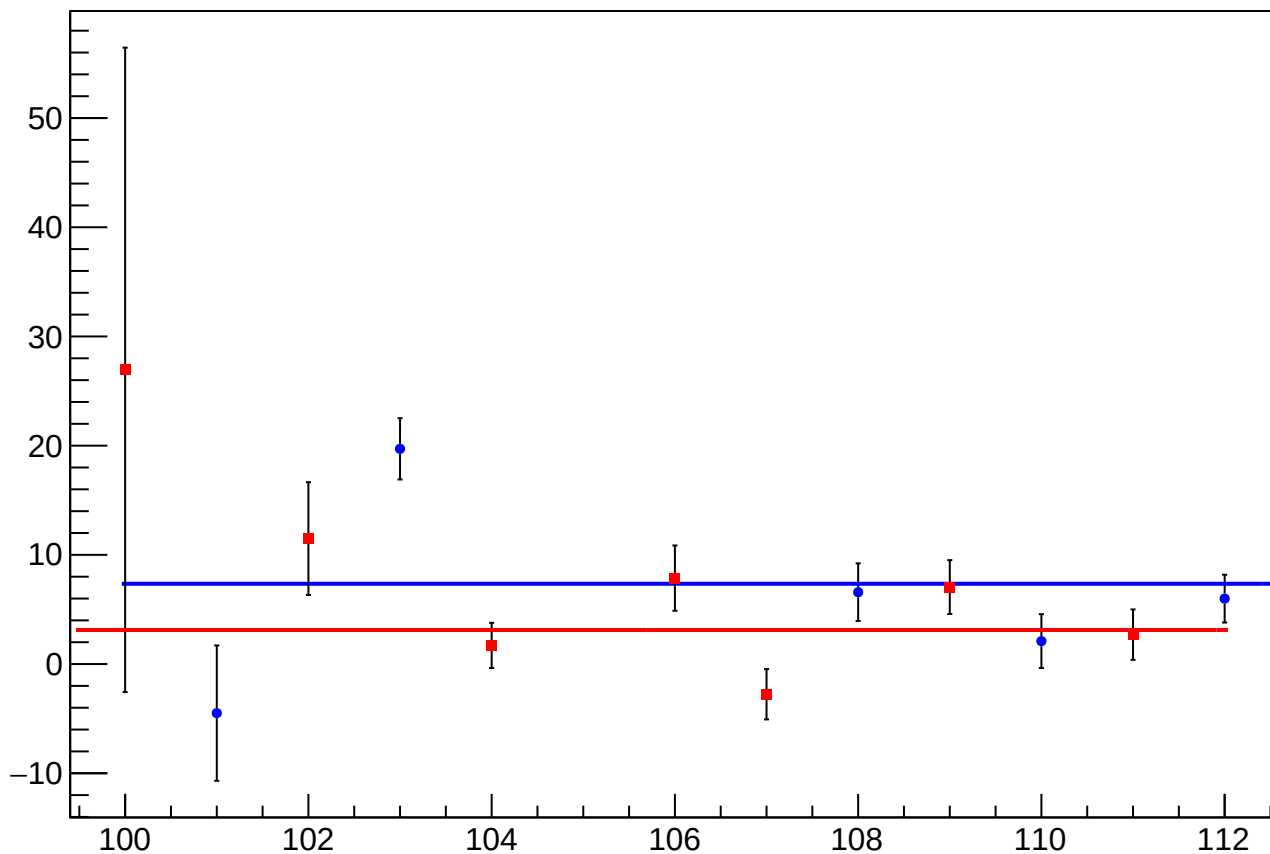
Right: -21.325 ± 0.623 $\chi^2/\text{NDF}: 186.4/11$

In: -20.460 ± 0.908 $\chi^2/\text{NDF}: 79.9/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -21.325 ± 0.623 $\chi^2/\text{NDF}: 186.4/11$

reg_asym_usr_atr1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.351+/-1.222 χ^2/NDF : 28.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.120+/-1.040 χ^2/NDF : 15.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

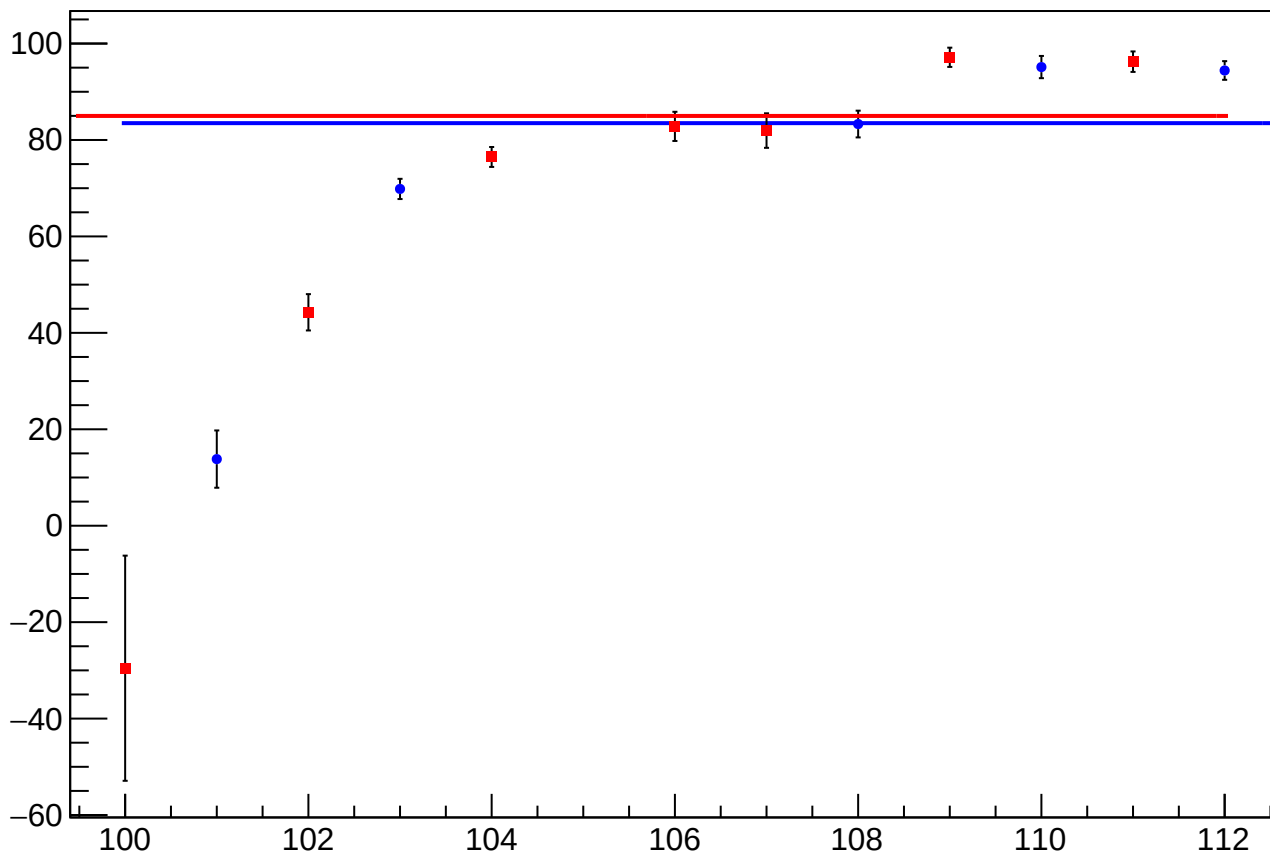
Right: 4.898+/-0.792 χ^2/NDF : 50.3/11

In: 7.351+/-1.222 χ^2/NDF : 28.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.898+/-0.792 χ^2/NDF : 50.3/11

reg_asym_usr_atr1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 83.492+/-1.091 χ^2/NDF : 237.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.988+/-1.017 χ^2/NDF : 224.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

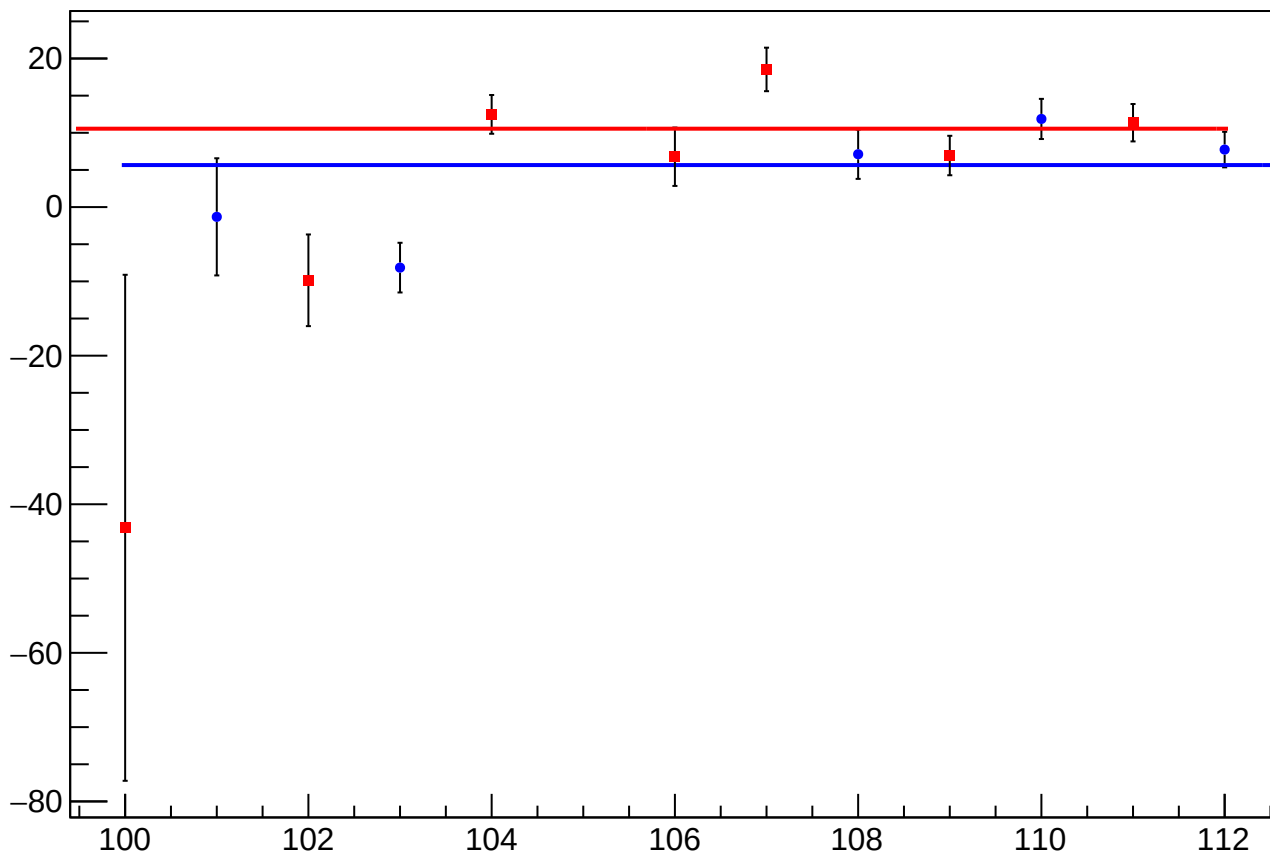
Right: 84.292+/-0.744 χ^2/NDF : 462.5/11

In: 83.492+/-1.091 χ^2/NDF : 237.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.292+/-0.744 χ^2/NDF : 462.5/11

reg_asym_usr_atr1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.657+/-1.403 χ^2/NDF : 24.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.553+/-1.235 χ^2/NDF : 24.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

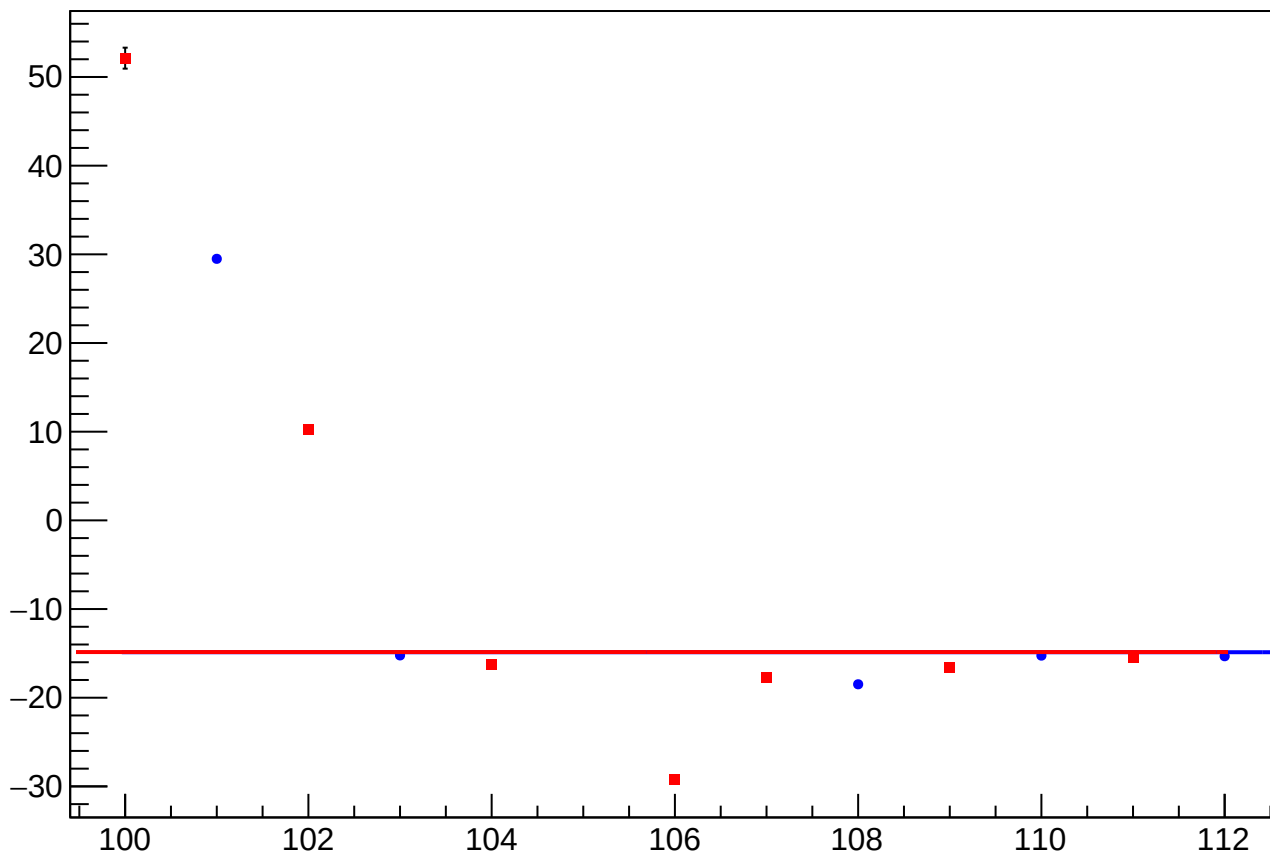
Right: 8.415+/-0.927 χ^2/NDF : 55.2/11

In: 5.657+/-1.403 χ^2/NDF : 24.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.415+/-0.927 χ^2/NDF : 55.2/11

reg_asym_usr_atr1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -14.870+/-0.059 χ^2/NDF : 16974.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.851+/-0.056 χ^2/NDF : 37808.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

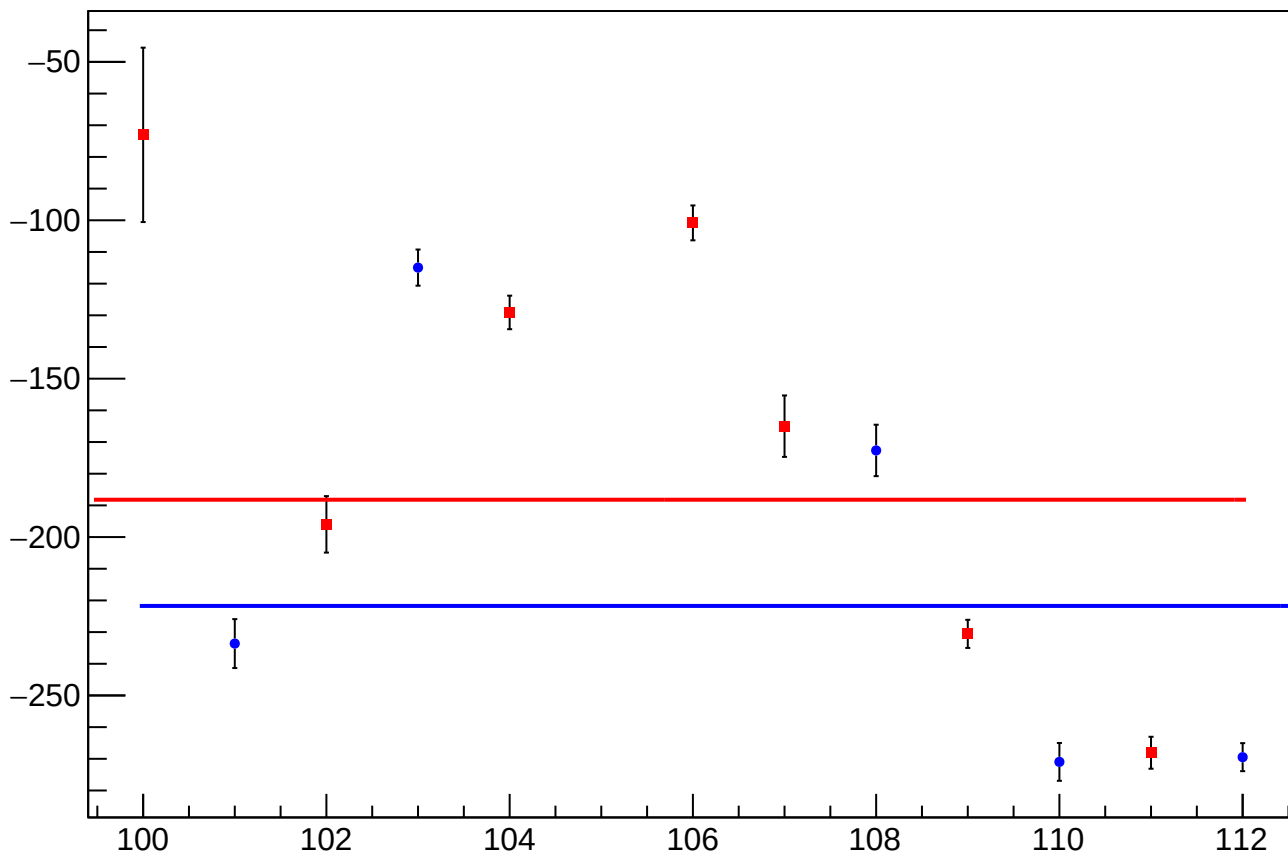
Right: -14.860+/-0.041 χ^2/NDF : 54782.5/11

In: -14.870+/-0.059 χ^2/NDF : 16974.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.860+/-0.041 χ^2/NDF : 54782.5/11

reg_asym_usr_atr2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -221.740 $\pm$ 2.655 χ^2 /NDF: 573.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -188.211 $\pm$ 2.336 χ^2 /NDF: 742.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

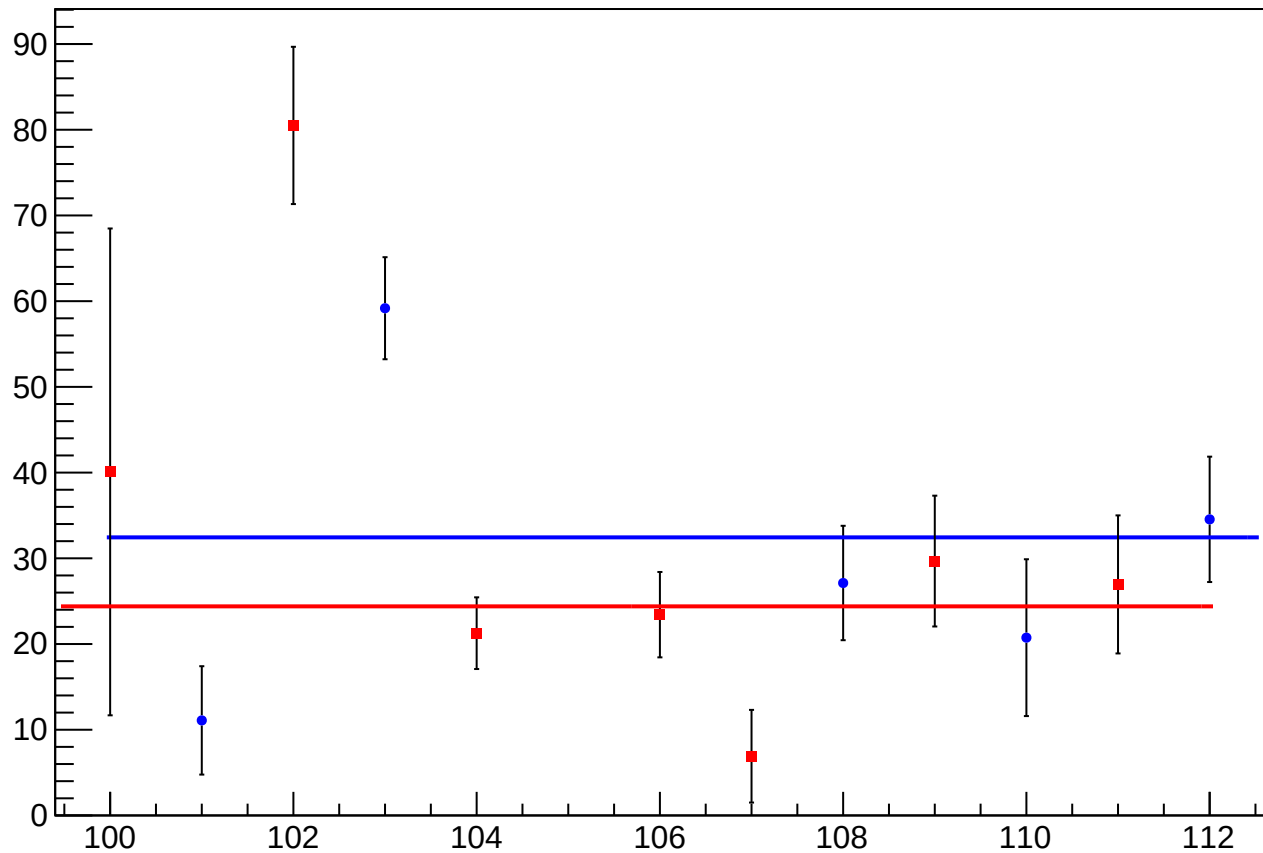
Right: -202.840 $\pm$ 1.754 χ^2 /NDF: 1405.7/11

In: -221.740 $\pm$ 2.655 χ^2 /NDF: 573.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -202.840 $\pm$ 1.754 χ^2 /NDF: 1405.7/11

reg_asym_usr_atr2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.443+/-3.067 χ^2/NDF : 33.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.394+/-2.374 χ^2/NDF : 49.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

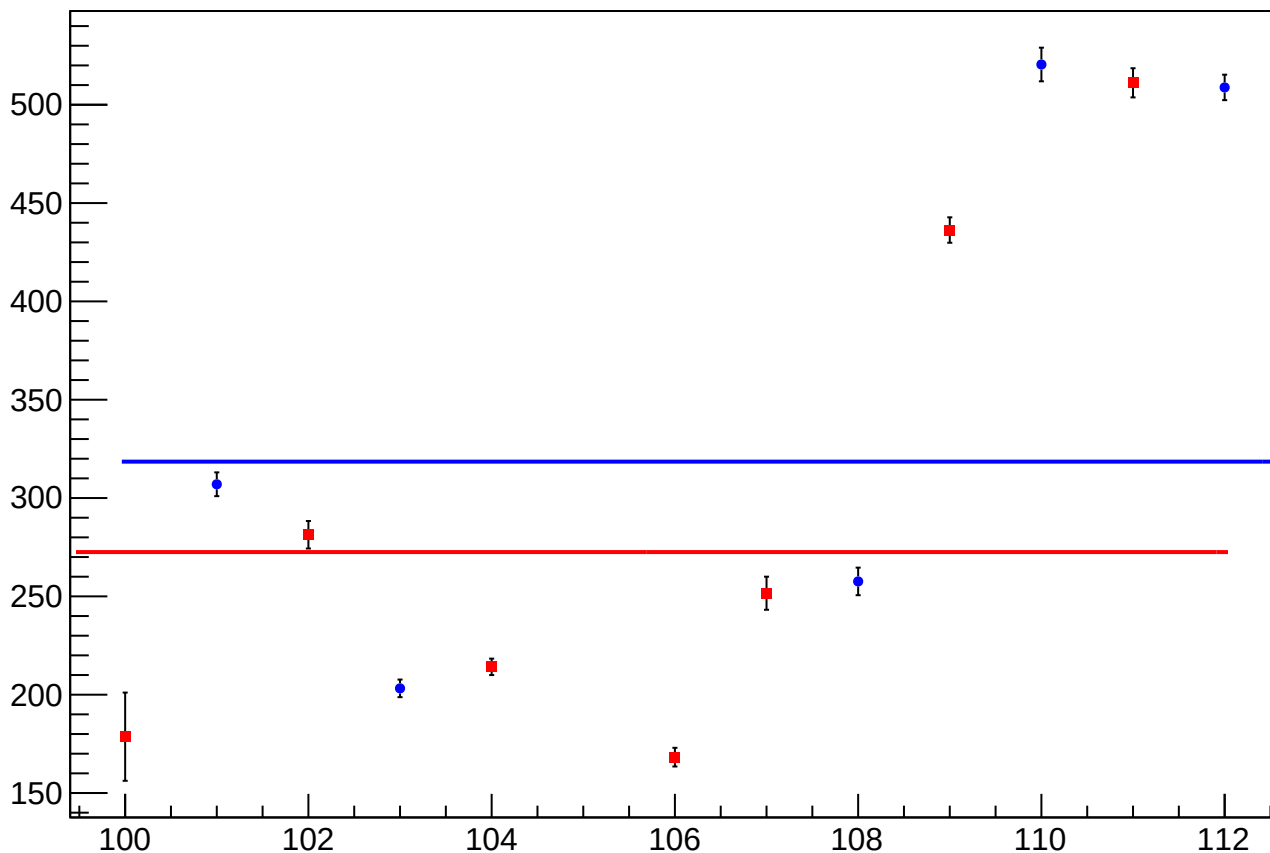
Right: 27.410+/-1.877 χ^2/NDF : 87.6/11

In: 32.443+/-3.067 χ^2/NDF : 33.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.410+/-1.877 χ^2/NDF : 87.6/11

reg_asym_usr_atr2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 318.517+/-2.721 χ^2/NDF : 2162.3/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 272.523+/-2.355 χ^2/NDF : 2380.2/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

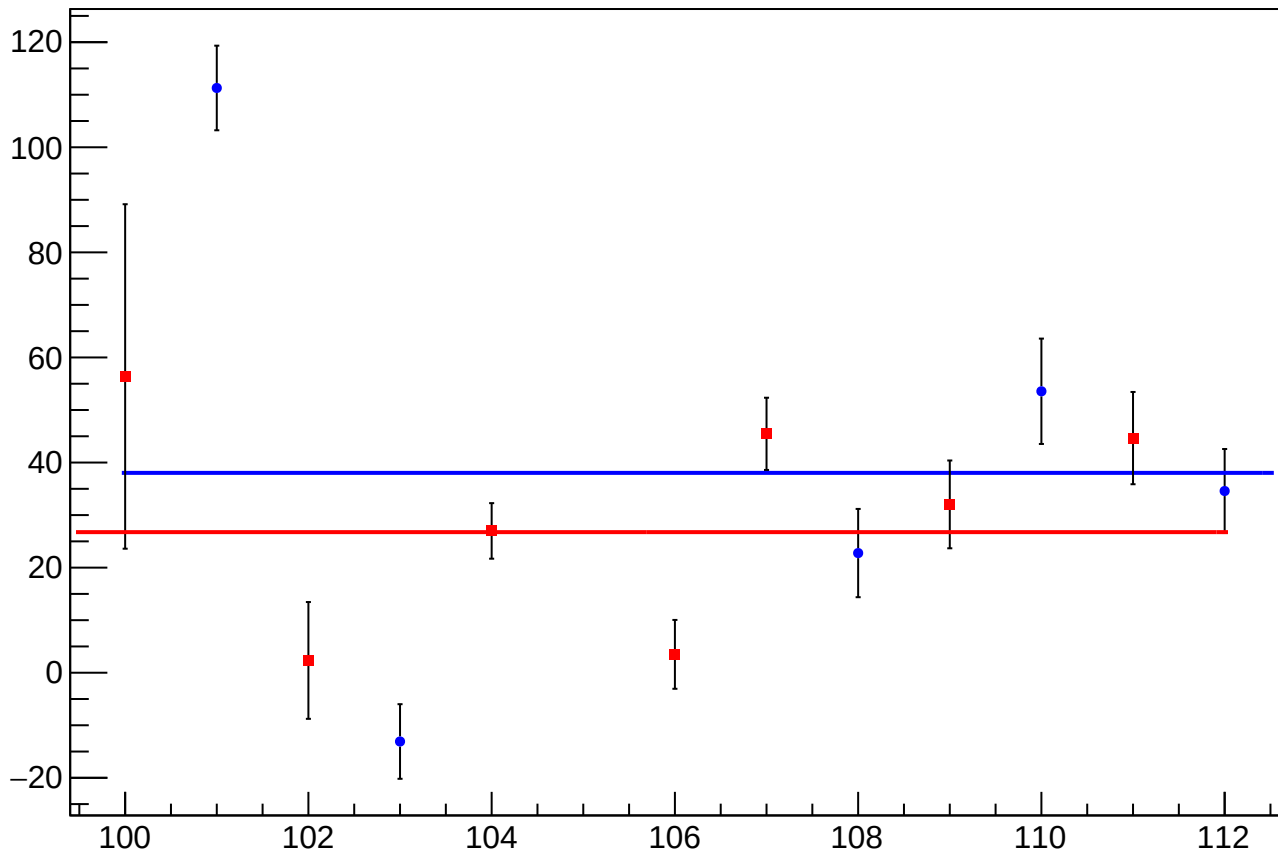
Right: 292.219+/-1.781 χ^2/NDF : 4705.9/11

In: 318.517+/-2.721 χ^2/NDF :2162.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 292.219+/-1.781 χ^2/NDF : 4705.9/11

reg_asym_usr_atr2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 38.035 $\pm$ 3.651 χ^2 /NDF: 140.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 26.756 $\pm$ 2.929 χ^2 /NDF: 30.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

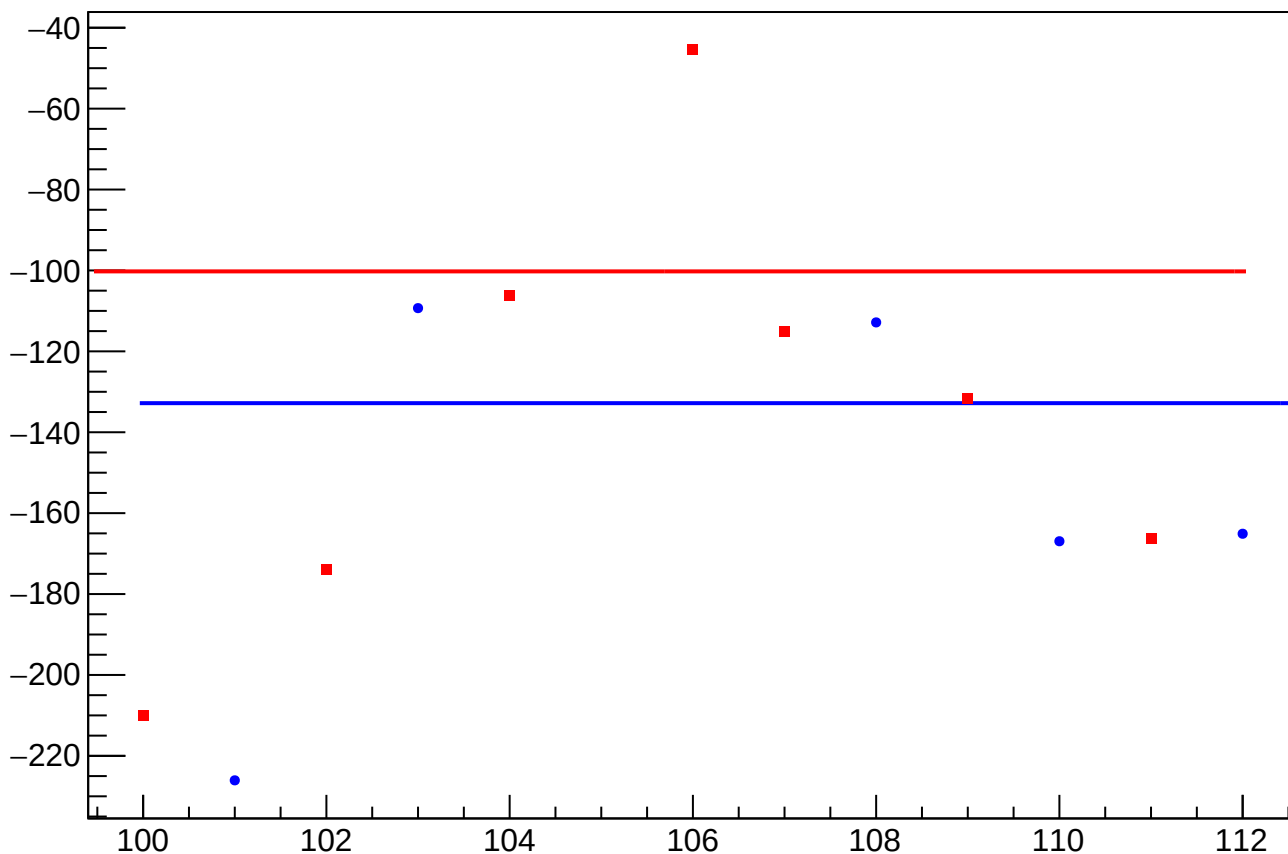
Right: 31.173 $\pm$ 2.285 χ^2 /NDF: 176.5/11

In: 38.035 $\pm$ 3.651 χ^2 /NDF:140.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 31.173 $\pm$ 2.285 χ^2 /NDF: 176.5/11

reg_asym_usr_atr2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -132.809+/-0.136 χ^2/NDF : 93713.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -100.233+/-0.111 χ^2/NDF : 173858.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

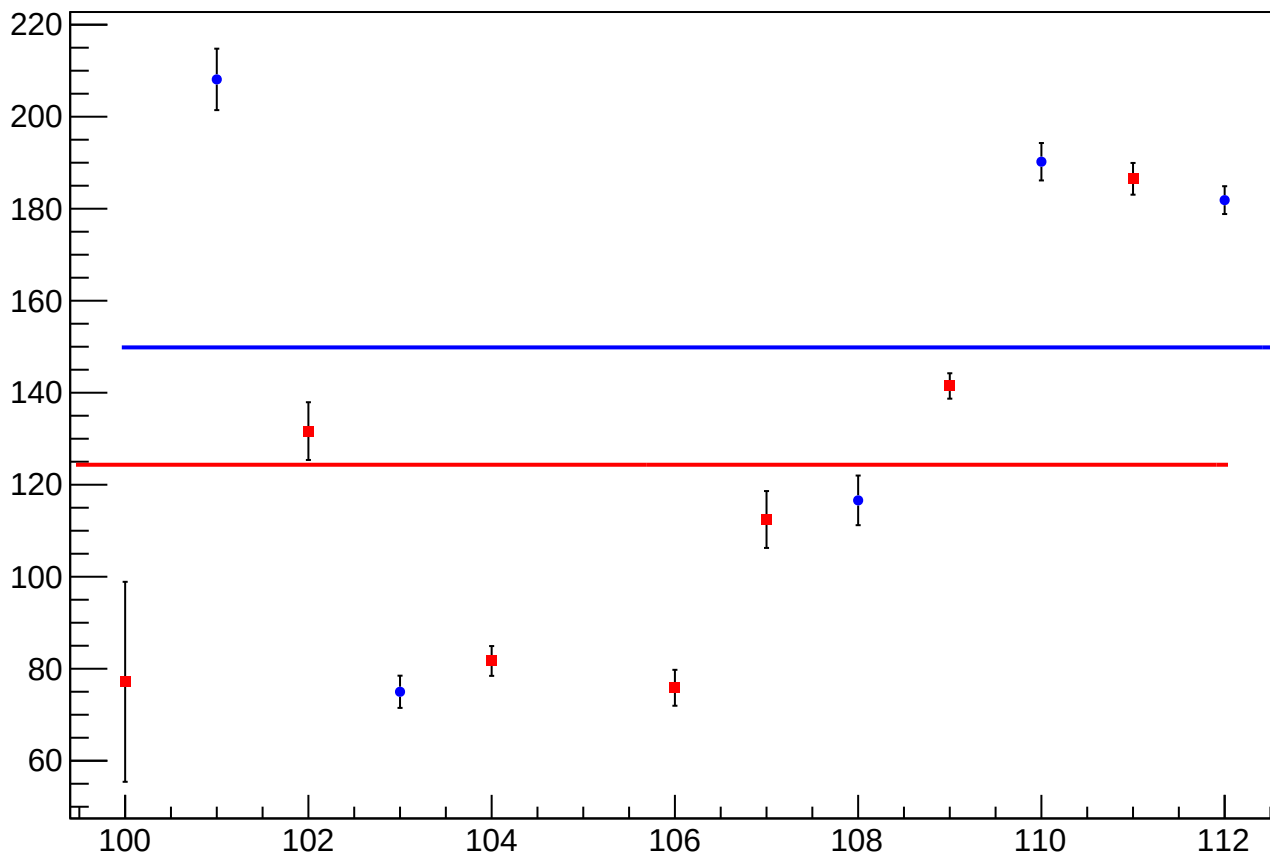
Right: -113.257+/-0.086 χ^2/NDF : 302034.0/11

In: -132.809+/-0.136 χ^2/NDF : 93713.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -113.257+/-0.086 χ^2/NDF : 302034.0/11

reg_asym_usr_atr2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 149.852 $\pm$ 1.802 χ^2 /NDF: 781.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 124.343 $\pm$ 1.526 χ^2 /NDF: 700.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

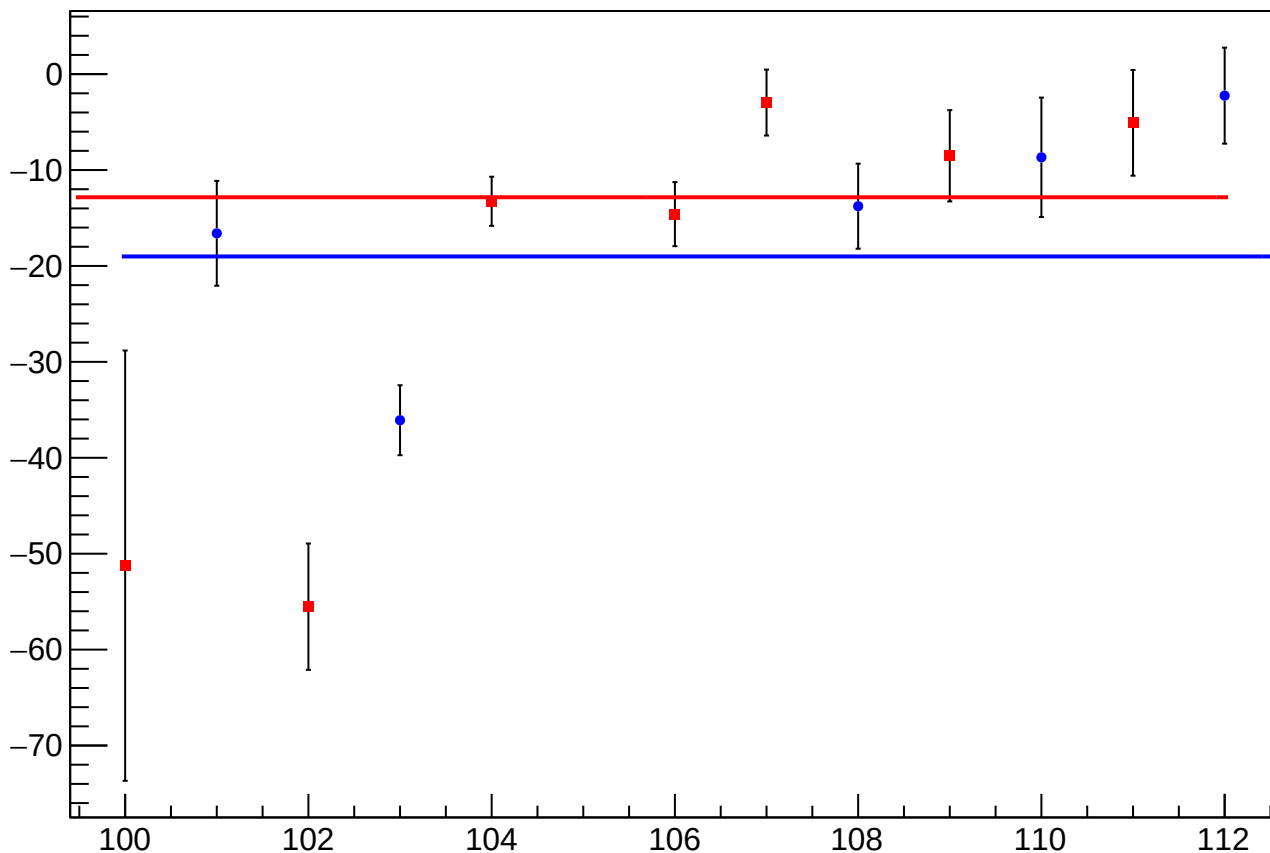
Right: 134.997 $\pm$ 1.164 χ^2 /NDF: 1598.7/11

In: 149.852 $\pm$ 1.802 χ^2 /NDF:781.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 134.997 $\pm$ 1.164 χ^2 /NDF: 1598.7/11

reg_asym_usr_atr2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -19.010+/-2.107 χ^2/NDF : 37.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.838+/-1.527 χ^2/NDF : 56.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

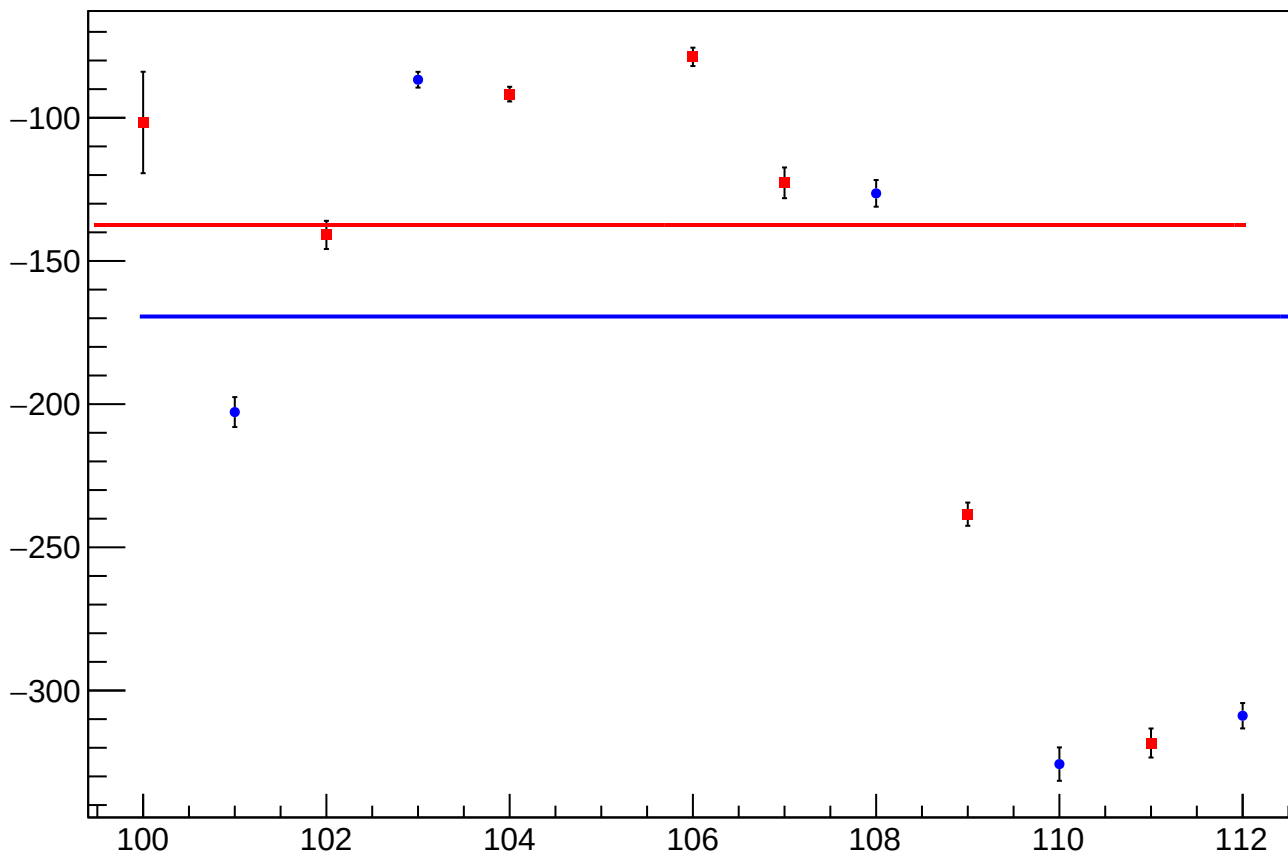
Right: -14.963+/-1.236 χ^2/NDF : 99.4/11

In: -19.010+/-2.107 χ^2/NDF : 37.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.963+/-1.236 χ^2/NDF : 99.4/11

reg_asym_usr_atr2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -169.398+/-1.840 χ^2 /NDF: 2741.2/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -137.439+/-1.527 χ^2 /NDF: 2559.3/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

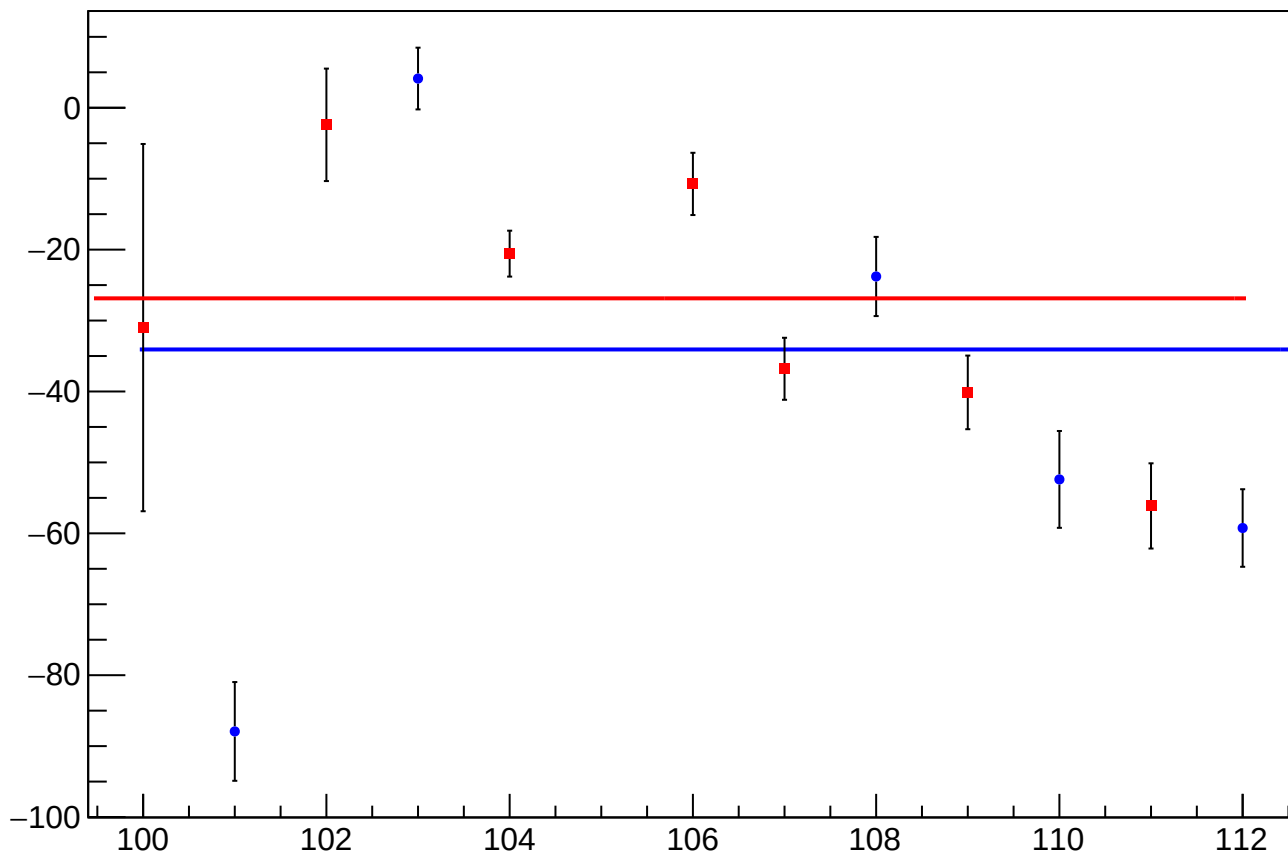
Right: -150.474+/-1.175 χ^2 /NDF: 5479.2/11

In: -169.398+/-1.840 χ^2 /NDF:2741.2/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -150.474+/-1.175 χ^2 /NDF: 5479.2/11

reg_asym_usr_atr2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -34.076 ± 2.497 χ^2/NDF : 168.7/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -26.869 ± 1.883 χ^2/NDF : 62.3/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

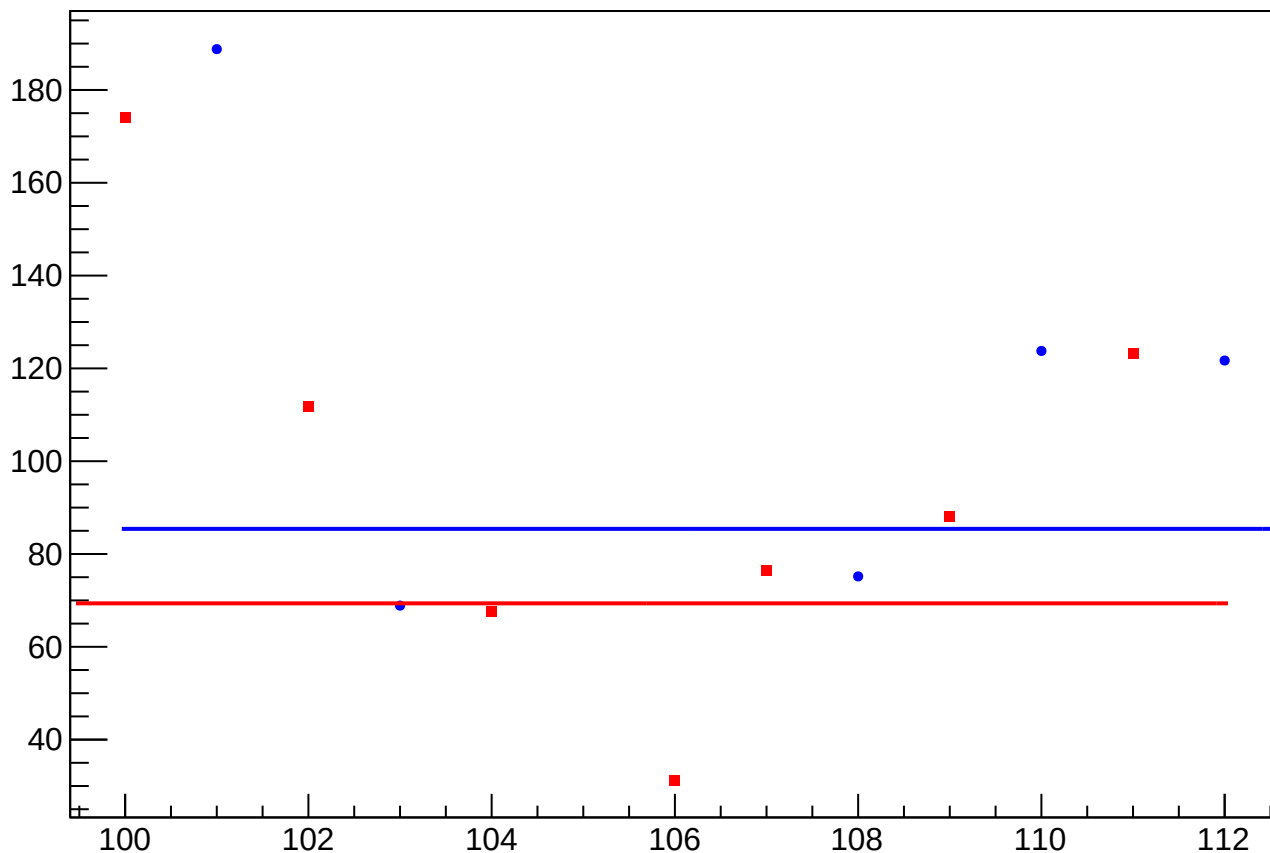
Right: -29.483 ± 1.504 χ^2/NDF : 236.2/11

In: -34.076 ± 2.497 χ^2/NDF : 168.7/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -29.483 ± 1.504 χ^2/NDF : 236.2/11

reg_asym_usr_atr2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 85.417+/-0.089 χ^2/NDF : 150694.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.366+/-0.076 χ^2/NDF : 143360.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

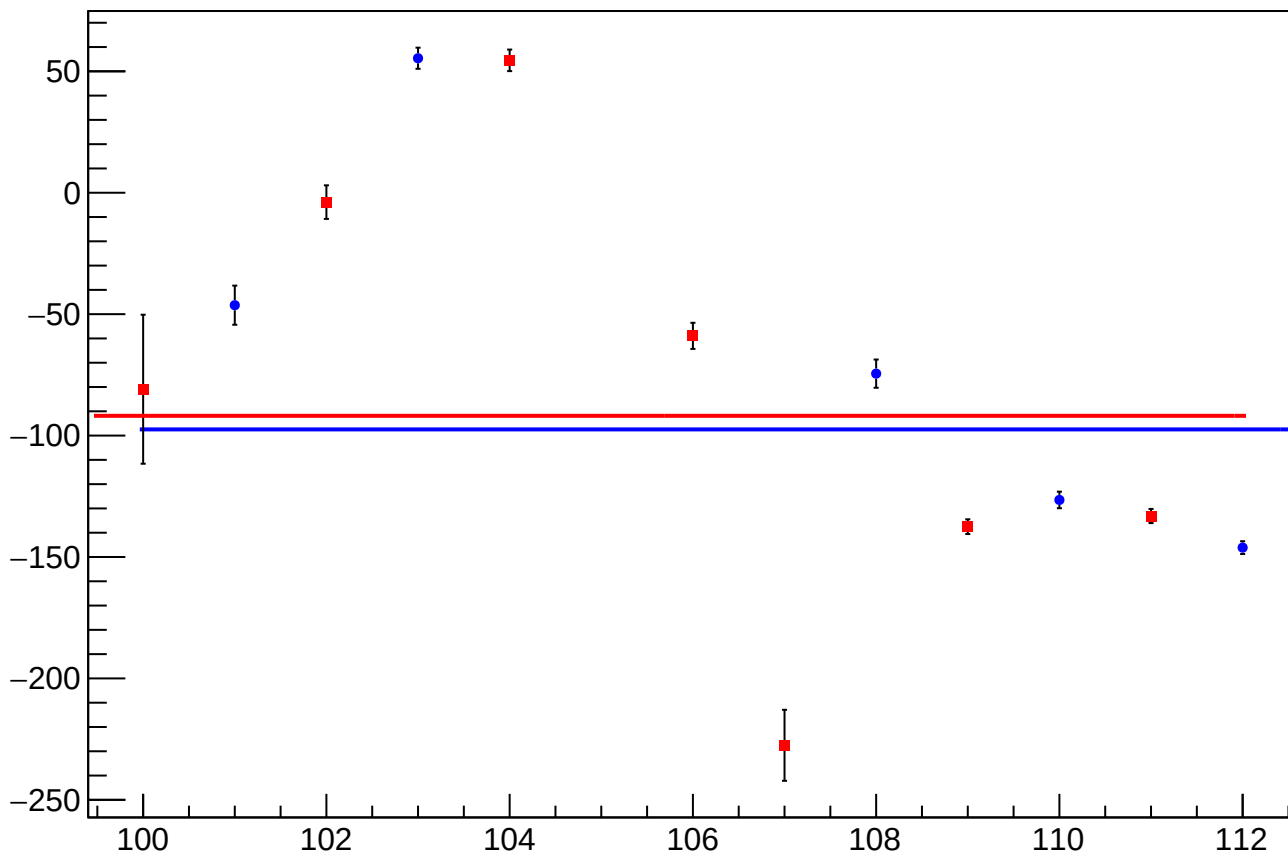
Right: 76.077+/-0.058 χ^2/NDF : 312903.2/11

In: 85.417+/-0.089 χ^2/NDF : 150694.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.077+/-0.058 χ^2/NDF : 312903.2/11

reg_asym_us_avg_at1lr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -97.461 $\pm$ 1.744 χ^2 /NDF: 1705.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -91.863 $\pm$ 1.720 χ^2 /NDF: 1801.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

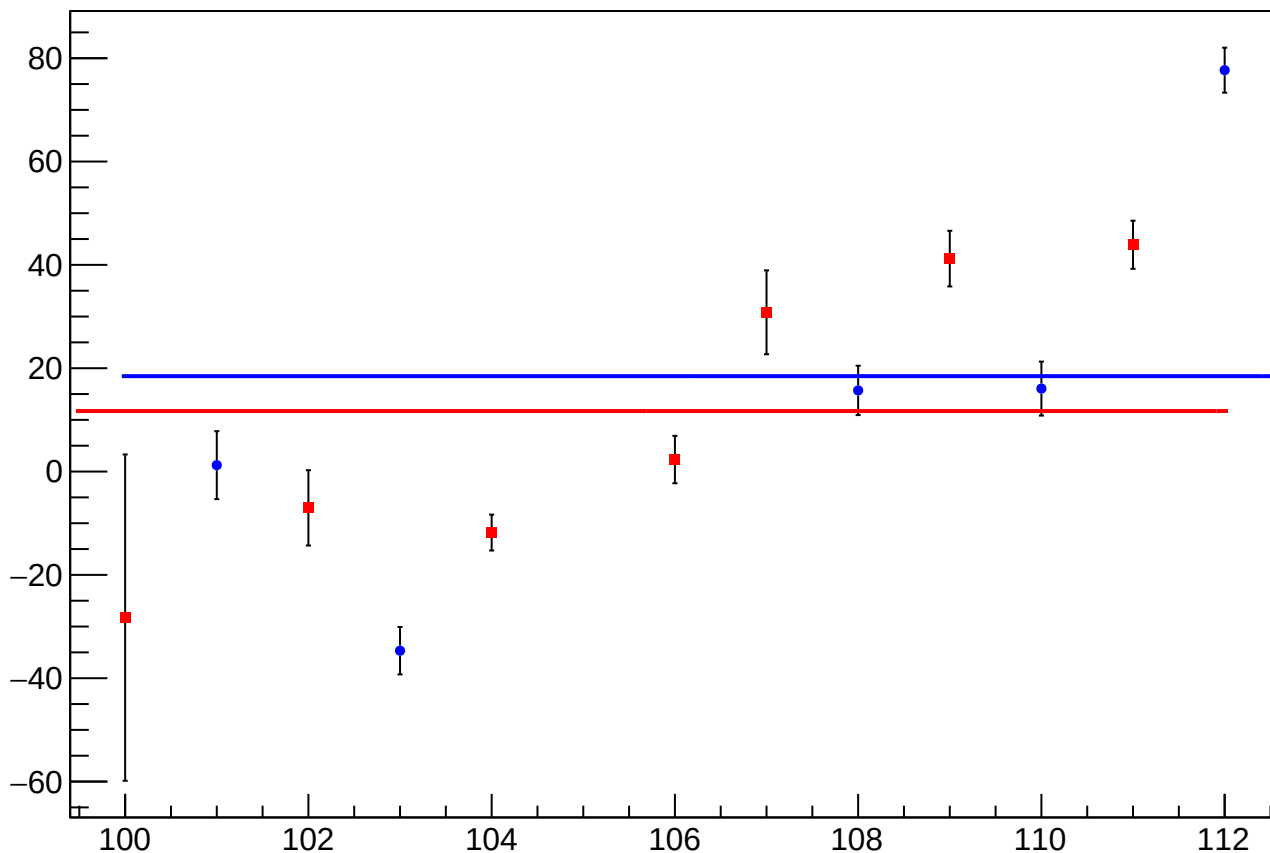
Right: -94.623 $\pm$ 1.225 χ^2 /NDF: 3511.7/11

In: -97.461 $\pm$ 1.744 χ^2 /NDF:1705.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -94.623 $\pm$ 1.225 χ^2 /NDF: 3511.7/11

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.462 $\pm$ 2.216 χ^2 /NDF: 326.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.713 $\pm$ 2.016 χ^2 /NDF: 141.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

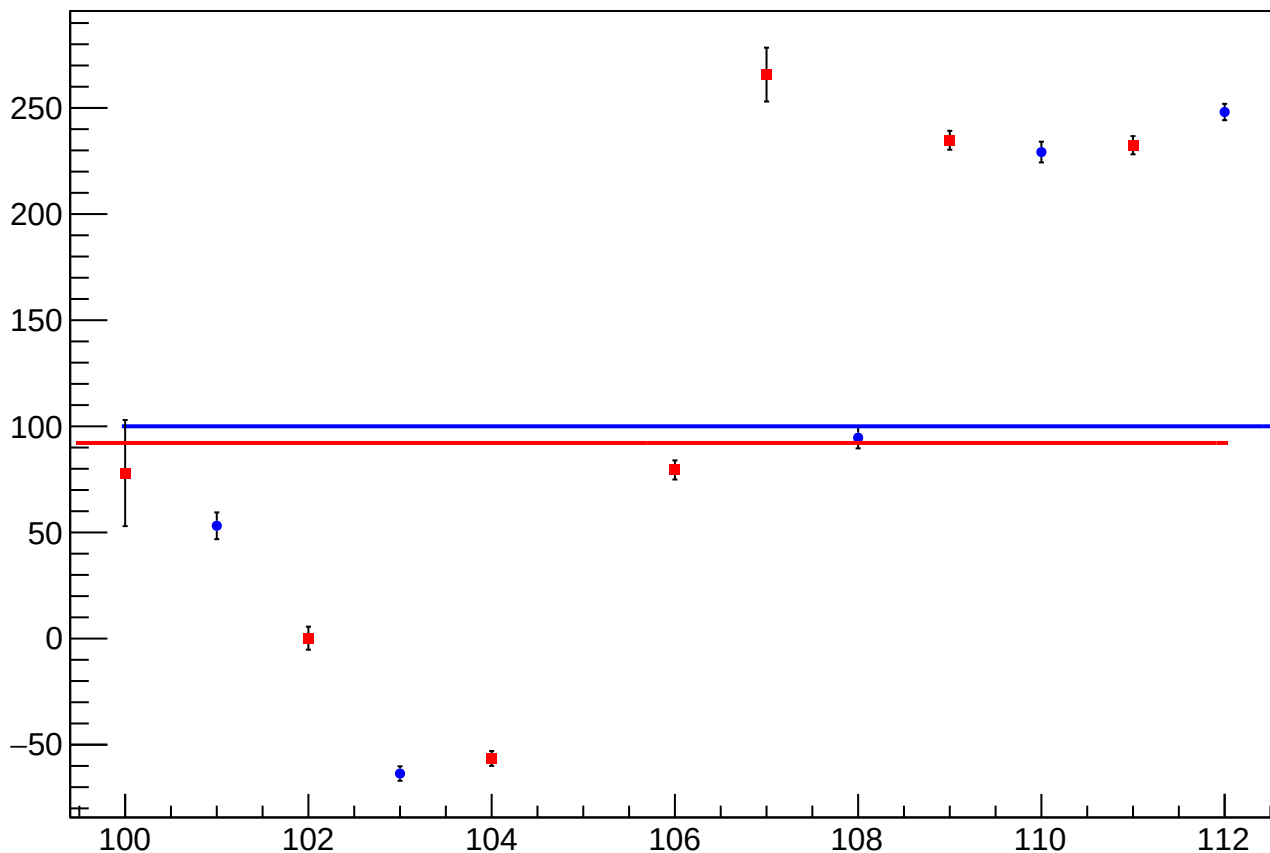
Right: 14.770 $\pm$ 1.491 χ^2 /NDF: 472.7/11

In: 18.462 $\pm$ 2.216 χ^2 /NDF:326.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 14.770 $\pm$ 1.491 χ^2 /NDF: 472.7/11

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 100.013 $\pm$ 1.961 χ^2 /NDF: 4529.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 92.163 $\pm$ 1.898 χ^2 /NDF: 4387.8/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

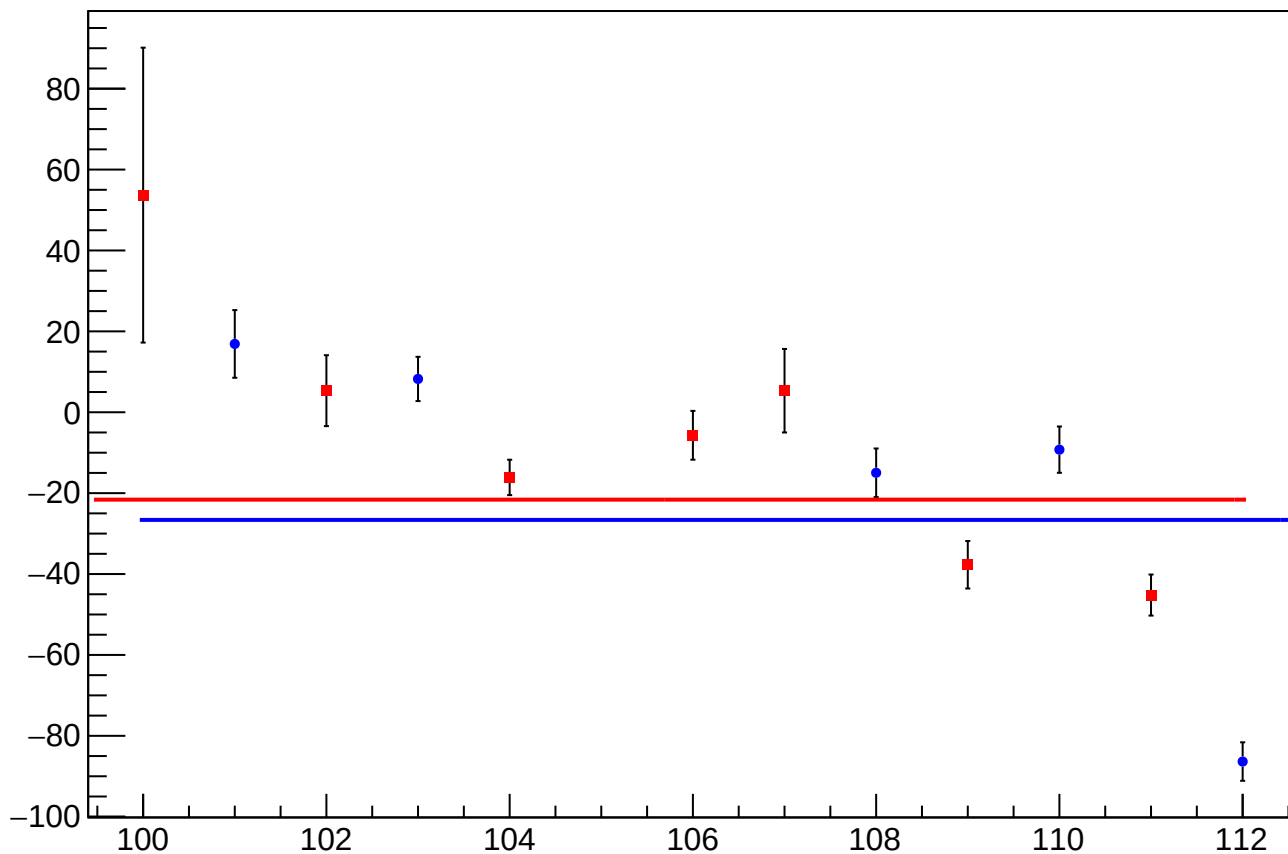
Right: 95.960 $\pm$ 1.364 χ^2 /NDF: 8925.5/11

In: 100.013 $\pm$ 1.961 χ^2 /NDF: 4529.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 95.960 $\pm$ 1.364 χ^2 /NDF: 8925.5/11

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -26.617 $\pm$ 2.581 χ^2 /NDF: 238.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -21.605 $\pm$ 2.420 χ^2 /NDF: 58.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

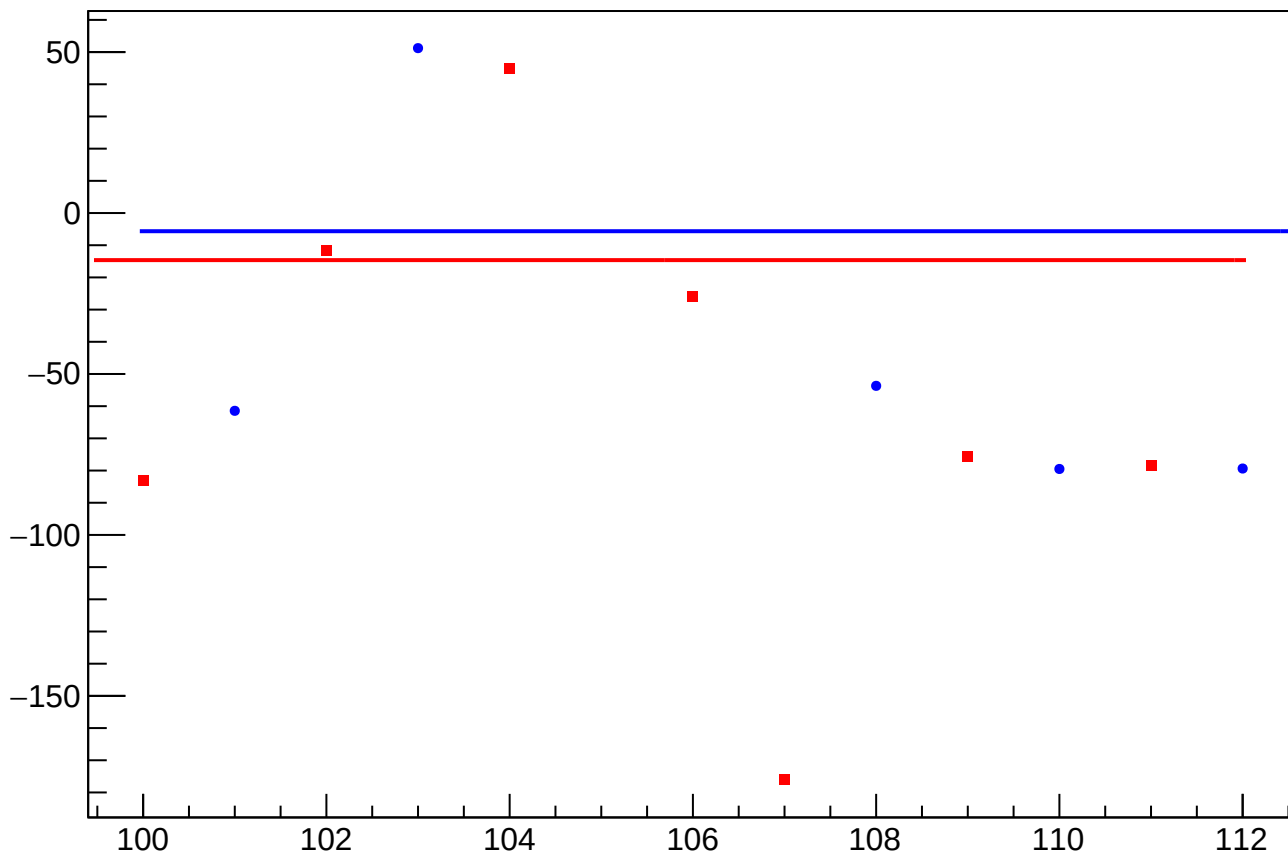
Right: -23.950 $\pm$ 1.765 χ^2 /NDF: 298.5/11

In: -26.617 $\pm$ 2.581 χ^2 /NDF:238.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -23.950 $\pm$ 1.765 χ^2 /NDF: 298.5/11

reg_asym_us_avg_at1lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -5.647+/-0.101 χ^2/NDF : 330403.3/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -14.626+/-0.098 χ^2/NDF : 308668.4/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

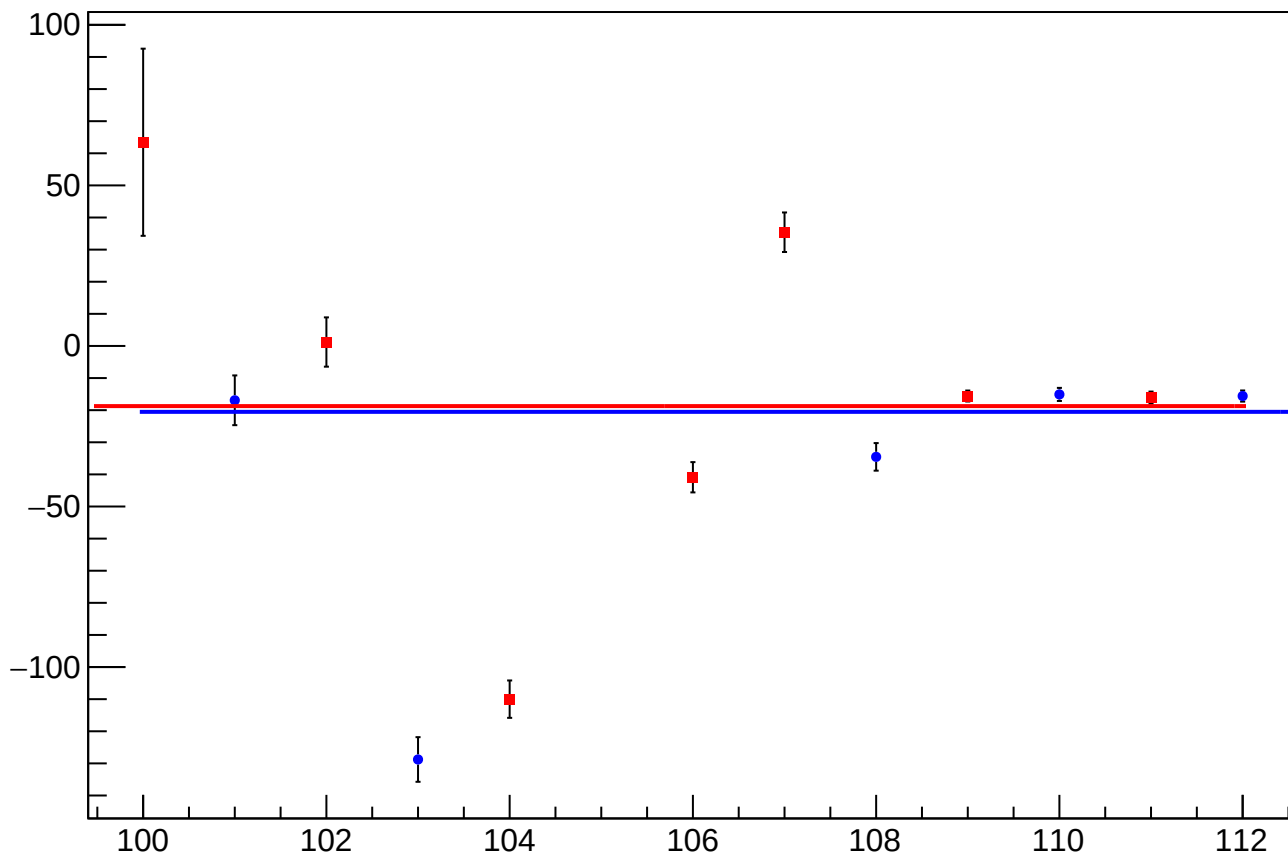
Right: -10.260+/-0.071 χ^2/NDF : 643113.8/11

In: -5.647+/-0.101 χ^2/NDF :330403.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -10.260+/-0.071 χ^2/NDF : 643113.8/11

reg_asym_us_avg_at1lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -20.520 ± 1.227 $\chi^2/\text{NDF}: 268.5/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -18.732 ± 1.158 $\chi^2/\text{NDF}: 365.3/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

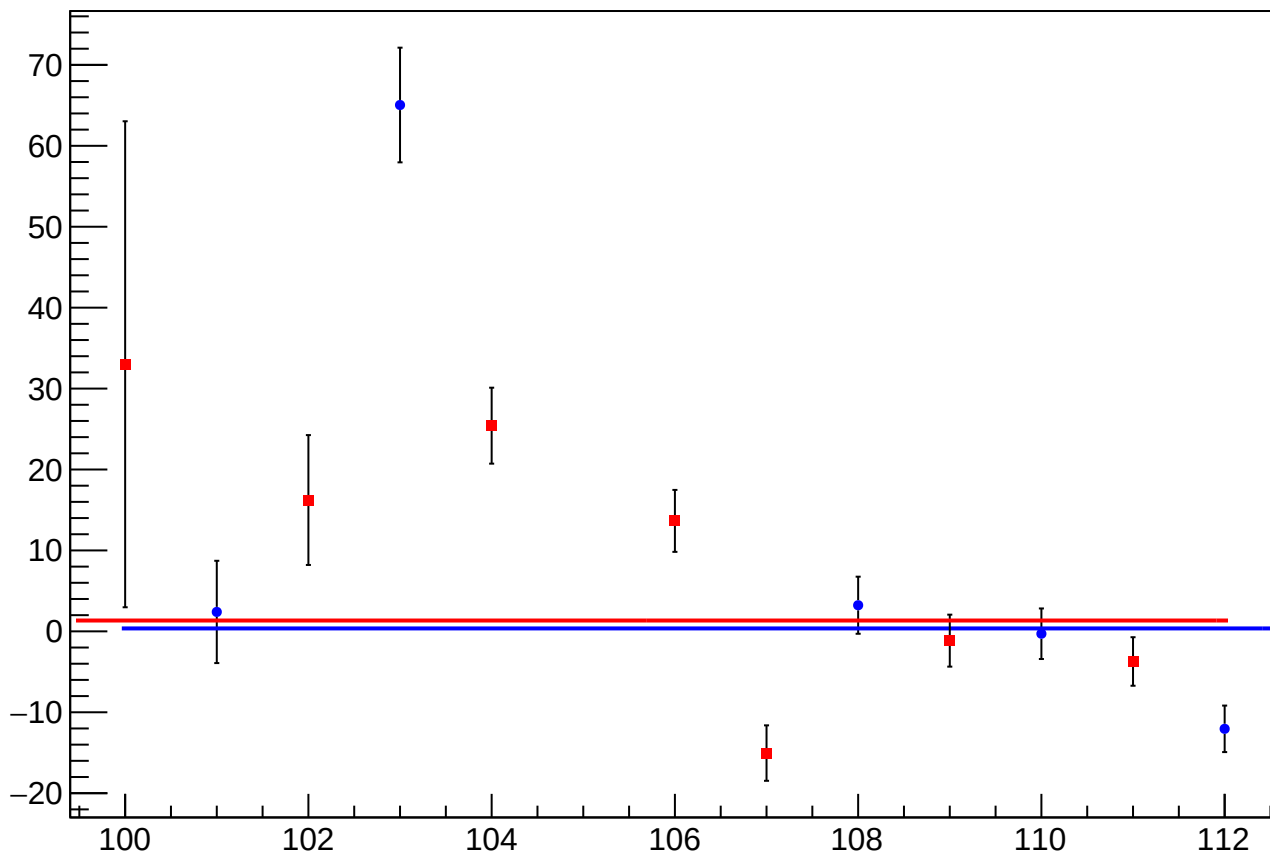
Right: -19.575 ± 0.842 $\chi^2/\text{NDF}: 634.9/11$

In: -20.520 ± 1.227 $\chi^2/\text{NDF}: 268.5/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -19.575 ± 0.842 $\chi^2/\text{NDF}: 634.9/11$

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.361+/-1.693 χ^2/NDF : 102.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.339+/-1.536 χ^2/NDF : 67.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

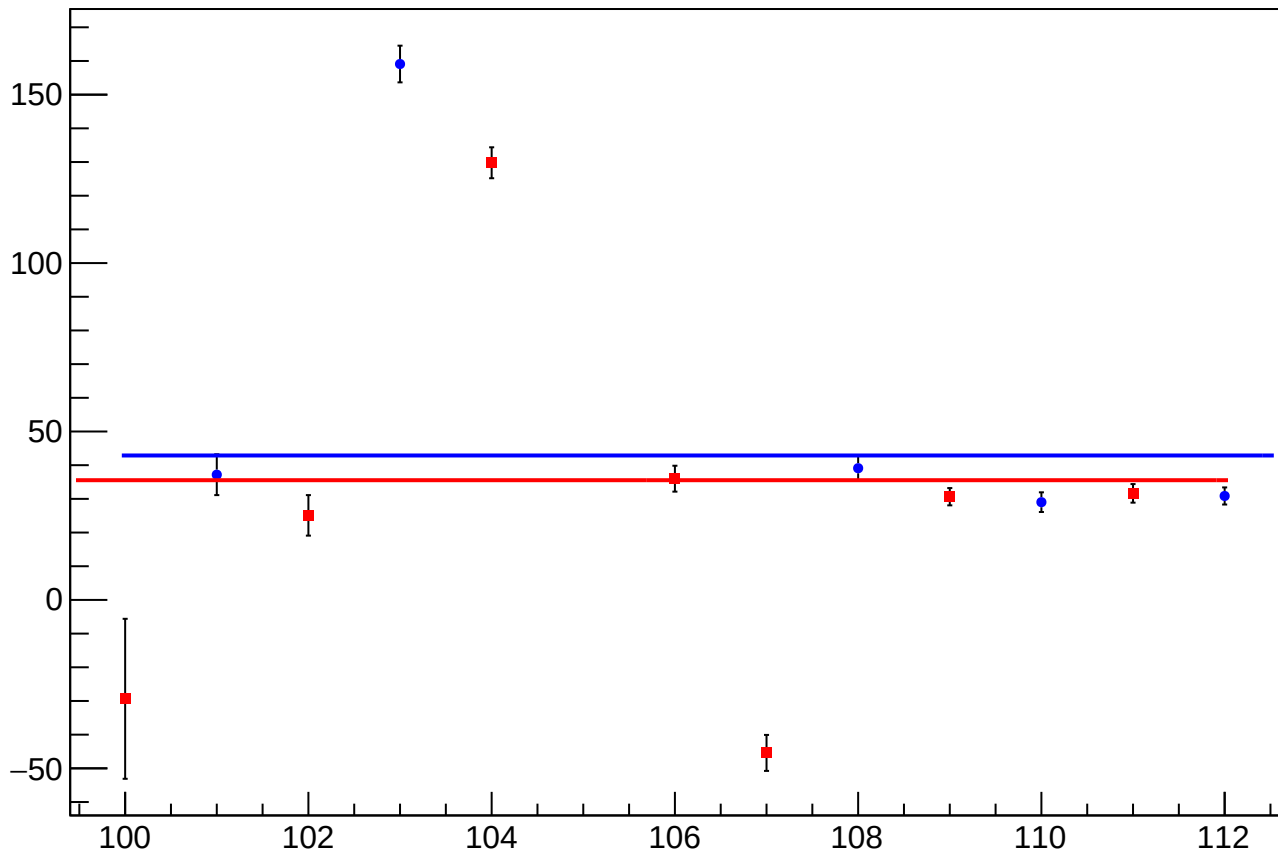
Right: 0.897+/-1.138 χ^2/NDF : 170.5/11

In: 0.361+/-1.693 χ^2/NDF : 102.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.897+/-1.138 χ^2/NDF : 170.5/11

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 42.880+/-1.570 χ^2/NDF : 502.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.542+/-1.470 χ^2/NDF : 666.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

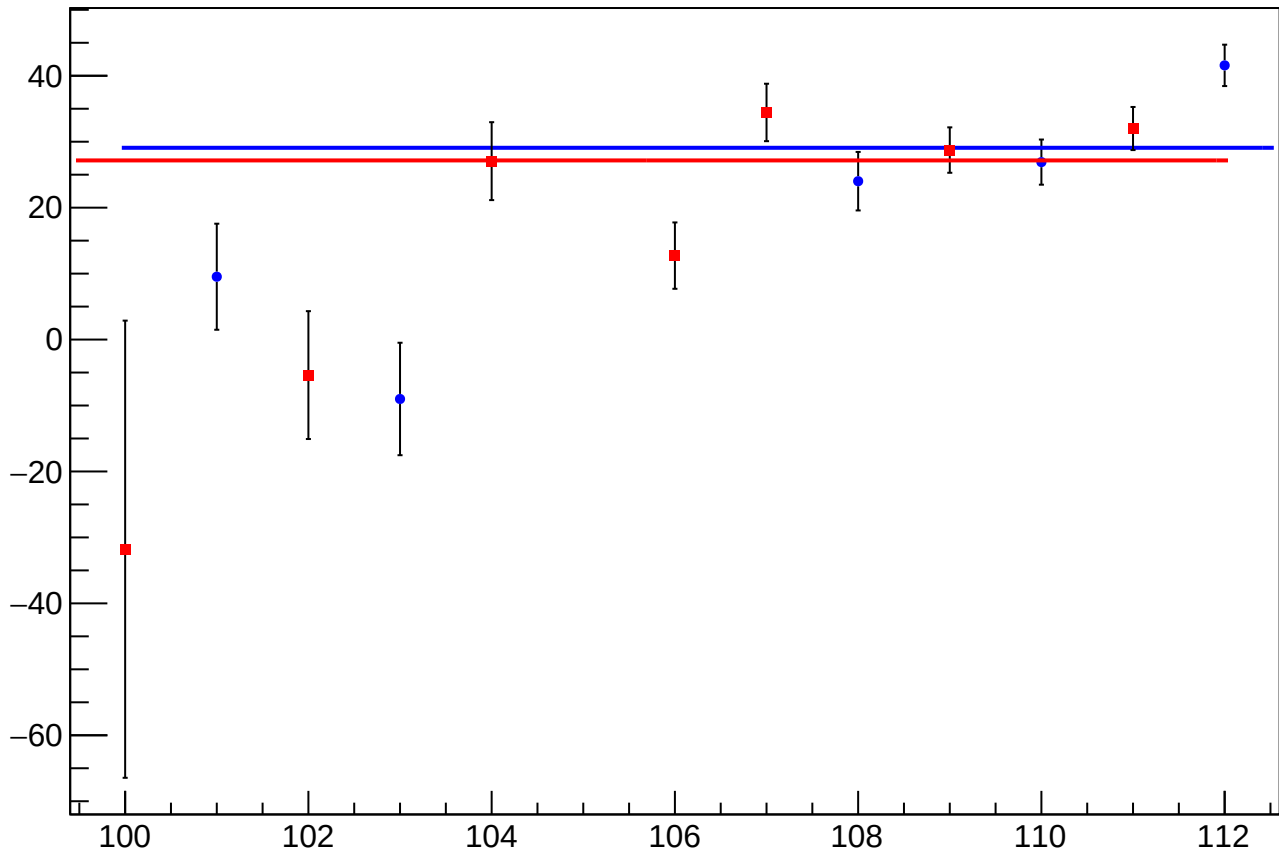
Right: 38.971+/-1.073 χ^2/NDF : 1180.5/11

In: 42.880+/-1.570 χ^2/NDF : 502.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.971+/-1.073 χ^2/NDF : 1180.5/11

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 29.079+/-1.936 χ^2/NDF : 43.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.163+/-1.795 χ^2/NDF : 27.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

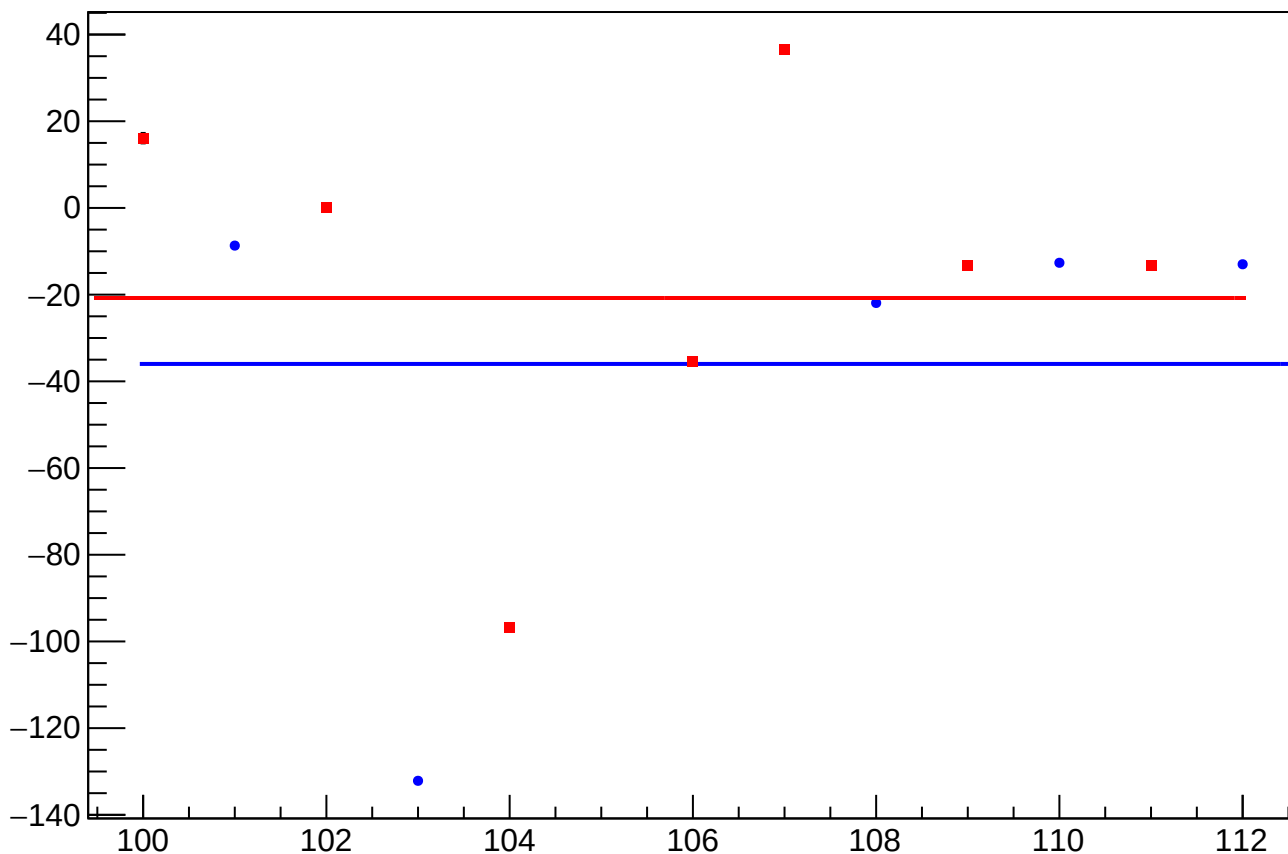
Right: 28.049+/-1.316 χ^2/NDF : 71.5/11

In: 29.079+/-1.936 χ^2/NDF : 43.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.049+/-1.316 χ^2/NDF : 71.5/11

reg_asym_us_avg_at1lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -35.986 ± 0.094 $\chi^2/\text{NDF}: 210801.0/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -20.775 ± 0.086 $\chi^2/\text{NDF}: 201693.7/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

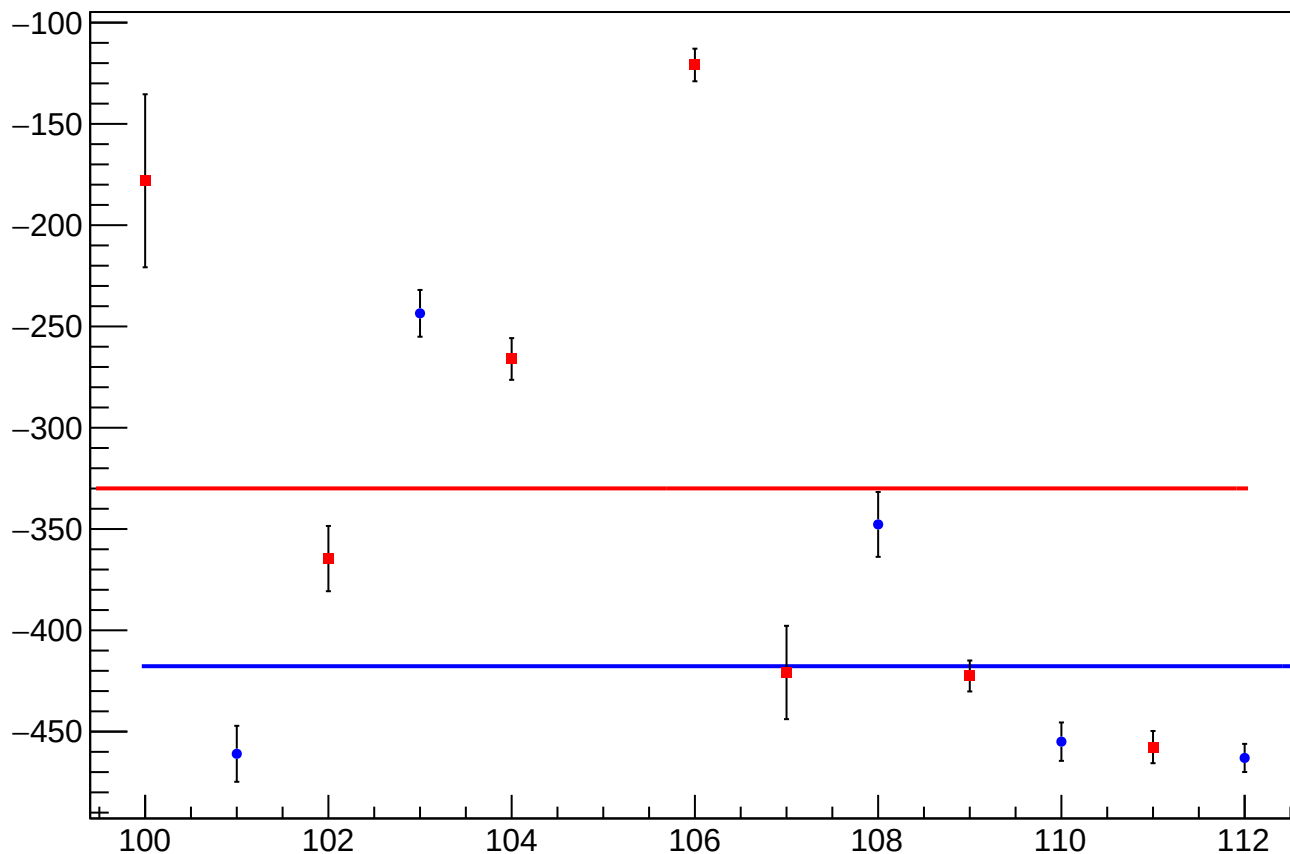
Right: -27.646 ± 0.063 $\chi^2/\text{NDF}: 426781.7/11$

In: -35.986 ± 0.094 $\chi^2/\text{NDF}: 210801.0/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -27.646 ± 0.063 $\chi^2/\text{NDF}: 426781.7/11$

reg_asym_us_avg_at2lr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -417.720+/-4.541 χ^2/NDF : 314.4/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -329.950+/-3.949 χ^2/NDF : 1150.8/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

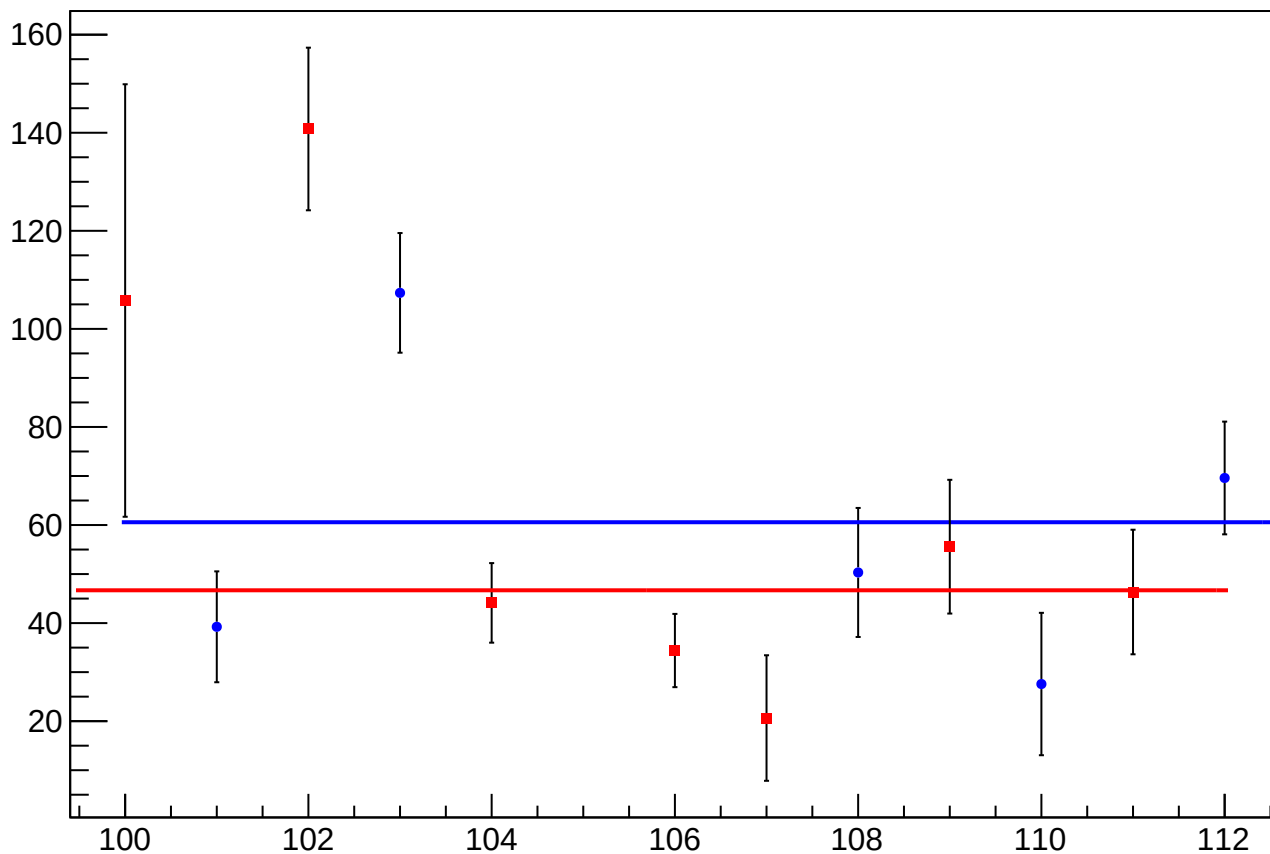
Right: -367.742+/-2.980 χ^2/NDF : 1677.8/11

In: -417.720+/-4.541 χ^2/NDF :314.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -367.742+/-2.980 χ^2/NDF : 1677.8/11

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.571+/-5.536 χ^2/NDF : 24.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.691+/-4.266 χ^2/NDF : 41.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

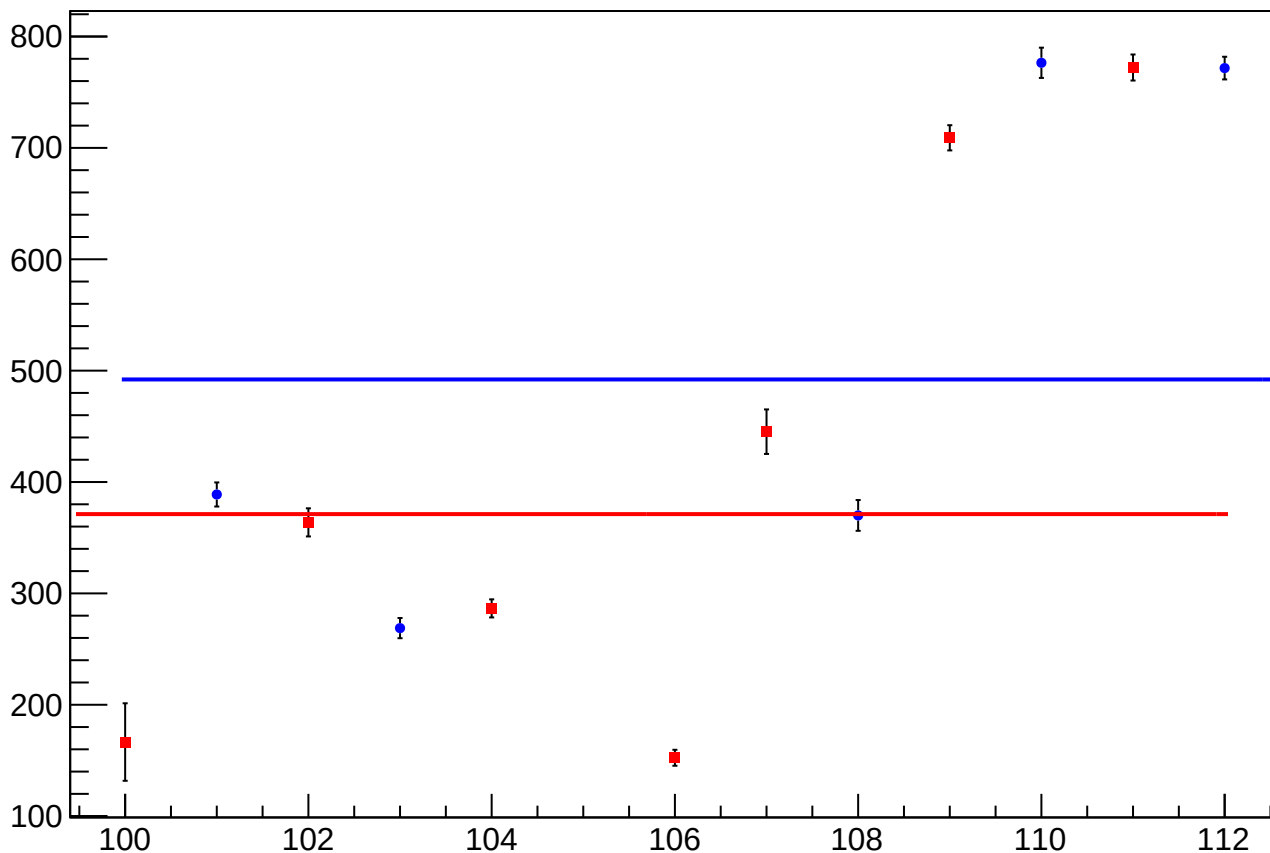
Right: 51.863+/-3.379 χ^2/NDF : 69.9/11

In: 60.571+/-5.536 χ^2/NDF : 24.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.863+/-3.379 χ^2/NDF : 69.9/11

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 492.093+/-4.936 χ^2/NDF : 1969.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 371.192+/-4.104 χ^2/NDF : 3157.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

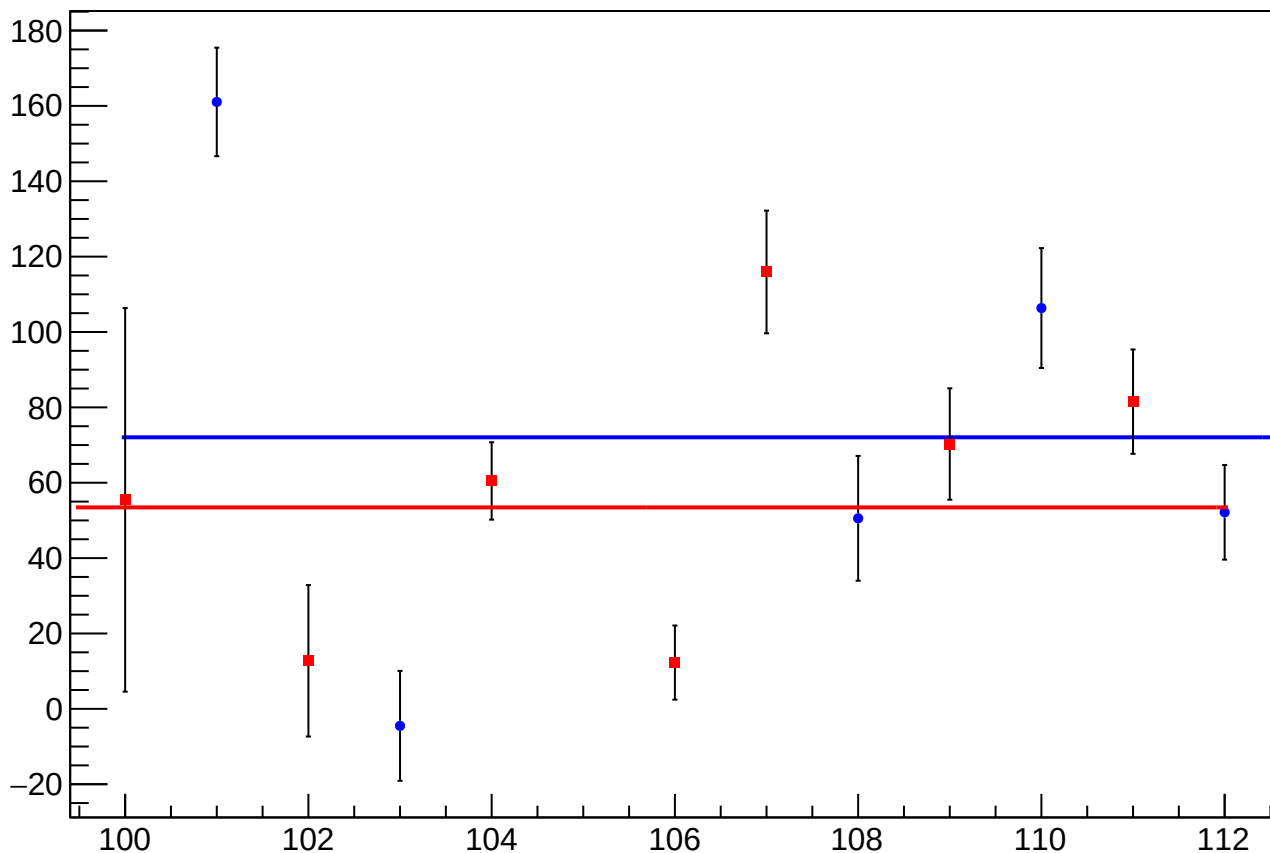
Right: 420.610+/-3.156 χ^2/NDF : 5481.9/11

In: 492.093+/-4.936 χ^2/NDF : 1969.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 420.610+/-3.156 χ^2/NDF : 5481.9/11

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.056+/-6.530 χ^2/NDF : 74.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.459+/-5.253 χ^2/NDF : 42.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

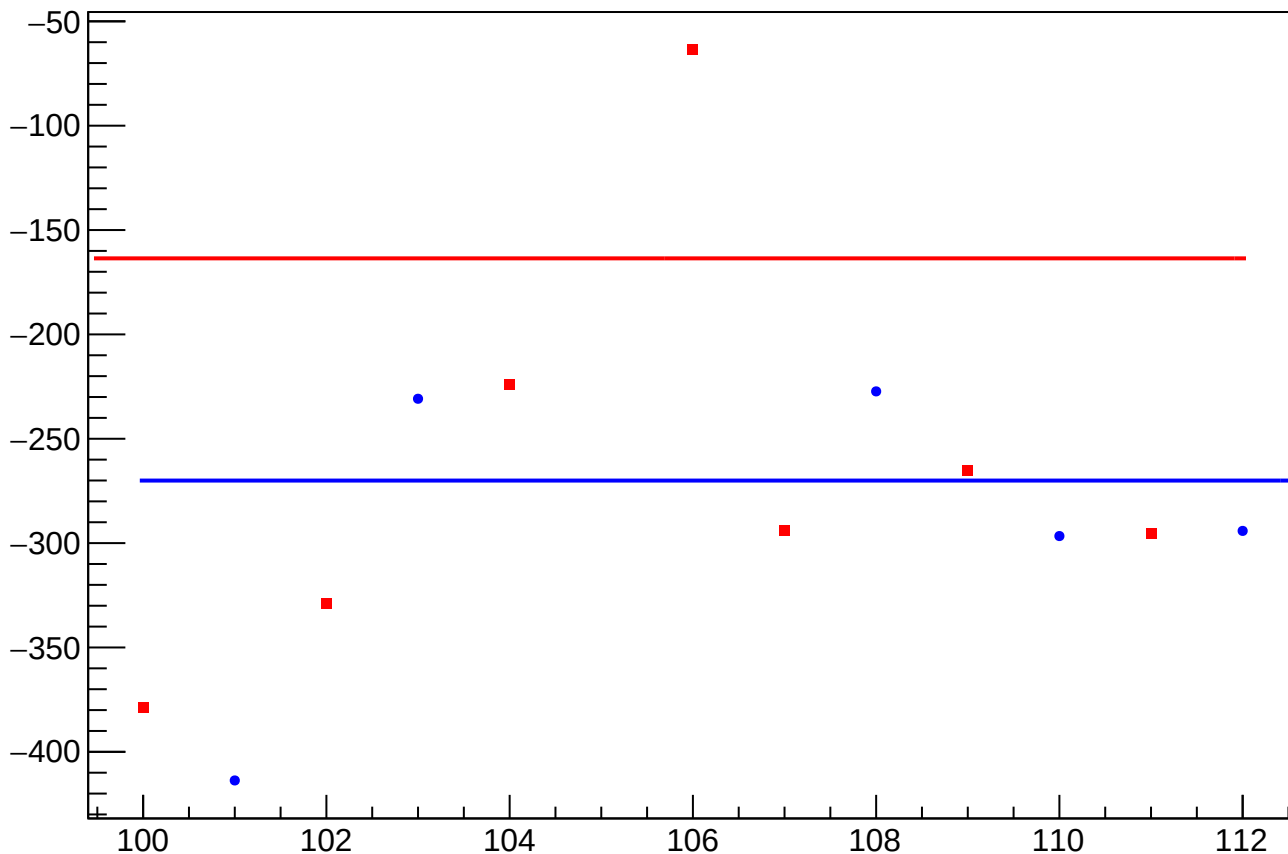
Right: 60.766+/-4.093 χ^2/NDF : 121.7/11

In: 72.056+/-6.530 χ^2/NDF : 74.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.766+/-4.093 χ^2/NDF : 121.7/11

reg_asym_us_avg_at2lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -270.031+/-0.260 χ^2/NDF : 67282.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -163.569+/-0.183 χ^2/NDF : 345870.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

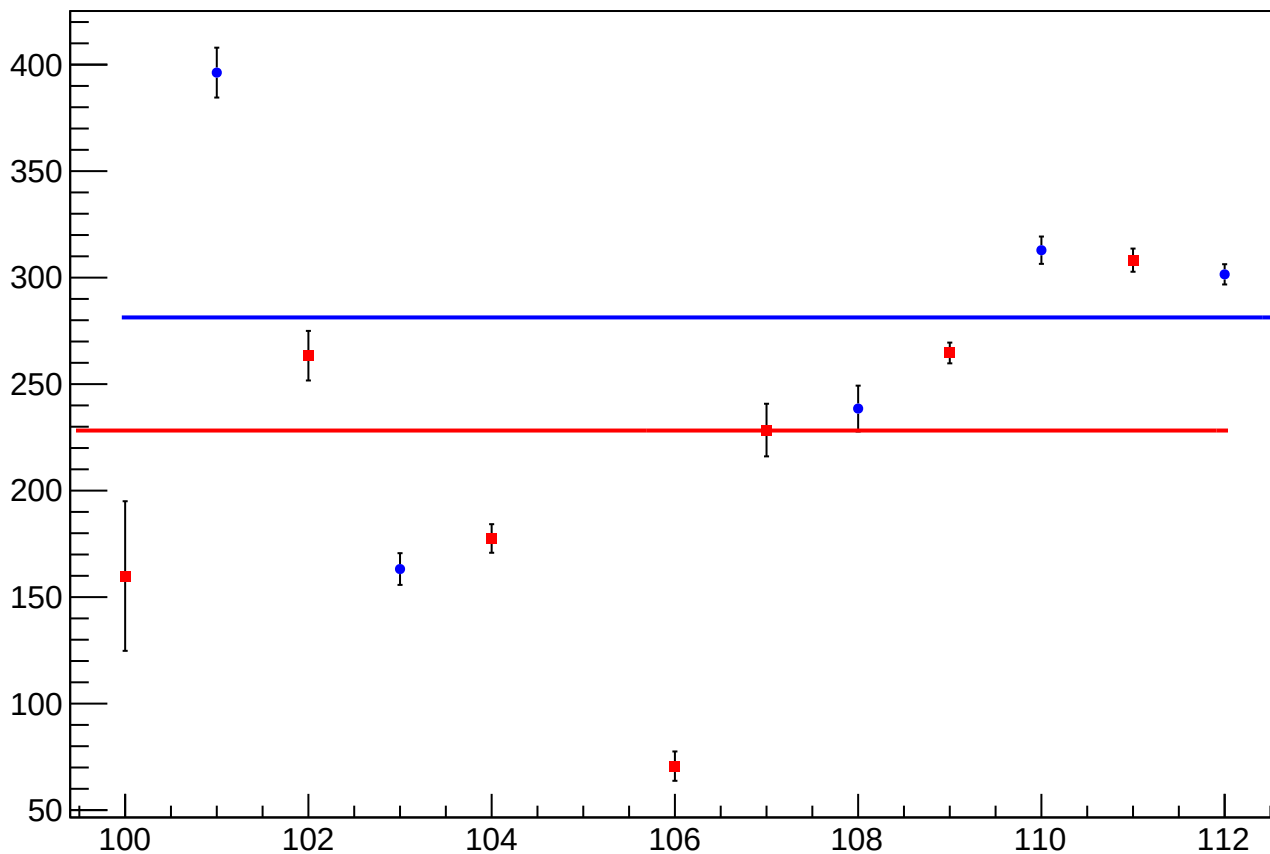
Right: -198.931+/-0.150 χ^2/NDF : 525020.7/11

In: -270.031+/-0.260 χ^2/NDF : 67282.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -198.931+/-0.150 χ^2/NDF : 525020.7/11

reg_asym_us_avg_at2lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 281.313 $\pm$ 3.125 χ^2 /NDF: 405.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 228.210 $\pm$ 2.732 χ^2 /NDF: 865.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

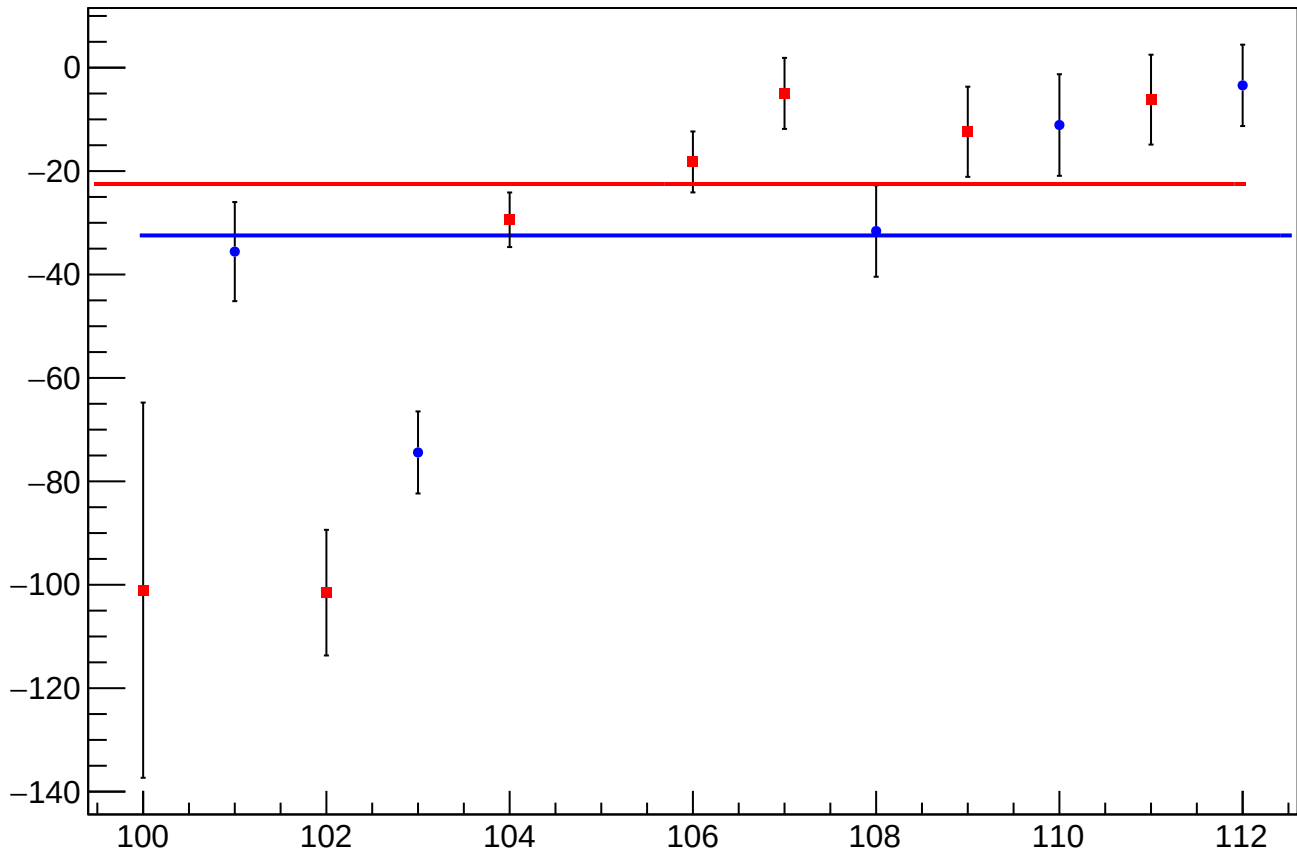
Right: 251.212 $\pm$ 2.057 χ^2 /NDF: 1435.0/11

In: 281.313 $\pm$ 3.125 χ^2 /NDF:405.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 251.212 $\pm$ 2.057 χ^2 /NDF: 1435.0/11

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -32.445+/-3.890 χ^2/NDF : 46.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -22.498+/-2.889 χ^2/NDF : 60.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

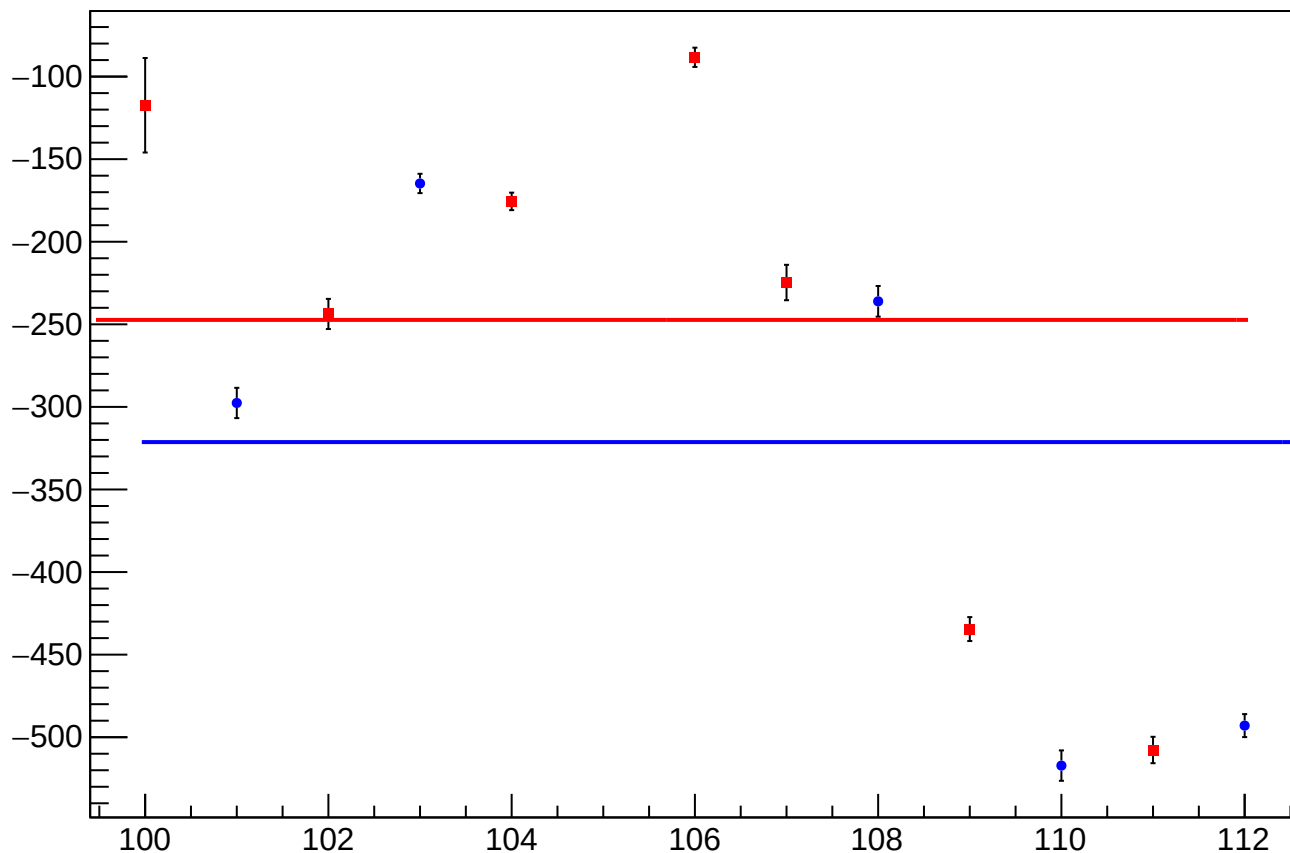
Right: -26.034+/-2.319 χ^2/NDF : 111.3/11

In: -32.445+/-3.890 χ^2/NDF : 46.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.034+/-2.319 χ^2/NDF : 111.3/11

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -321.303+/-3.426 χ^2/NDF : 1869.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -247.321+/-2.866 χ^2/NDF : 2682.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

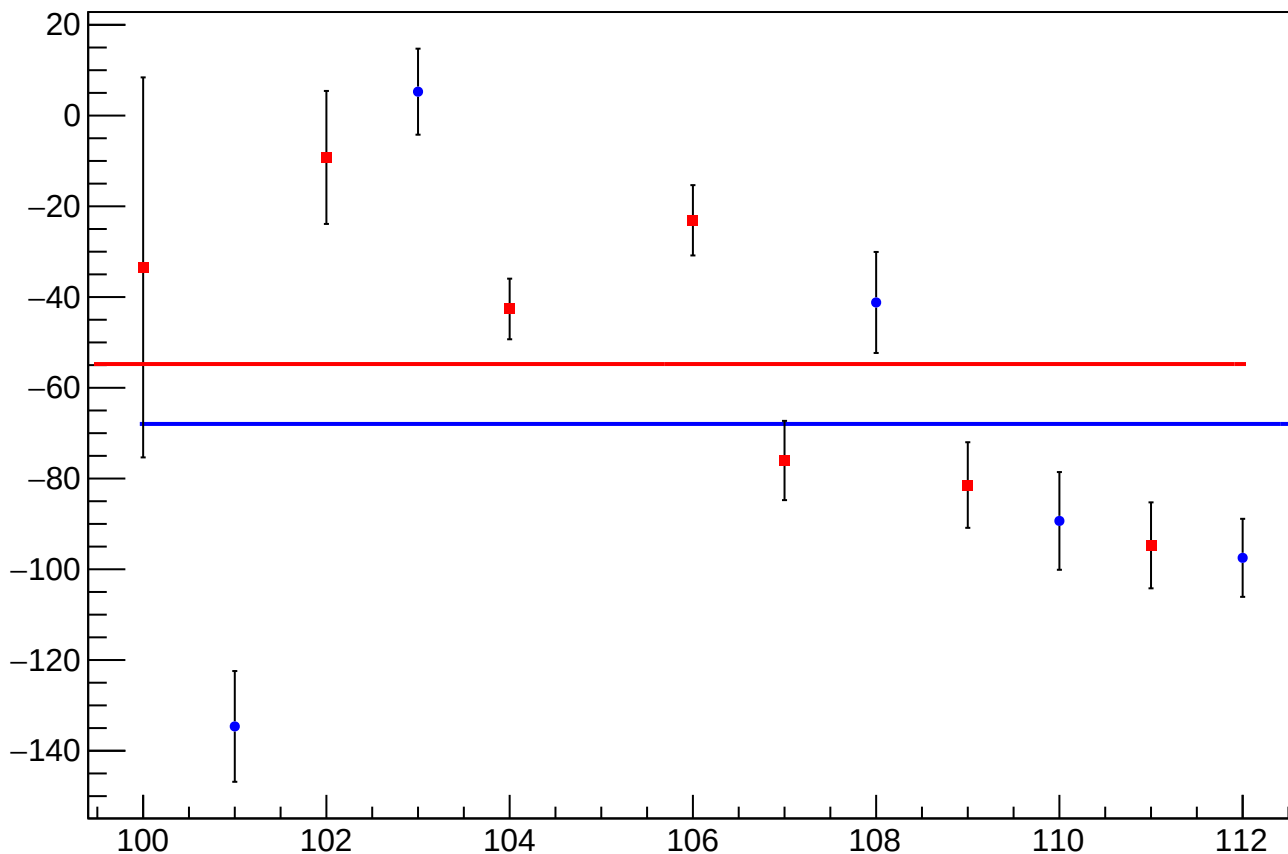
Right: -277.775+/-2.198 χ^2/NDF : 4825.7/11

In: -321.303+/-3.426 χ^2/NDF : 1869.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -277.775+/-2.198 χ^2/NDF : 4825.7/11

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -67.965 $\pm$ 4.562 χ^2 /NDF: 111.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -54.763 $\pm$ 3.541 χ^2 /NDF: 61.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

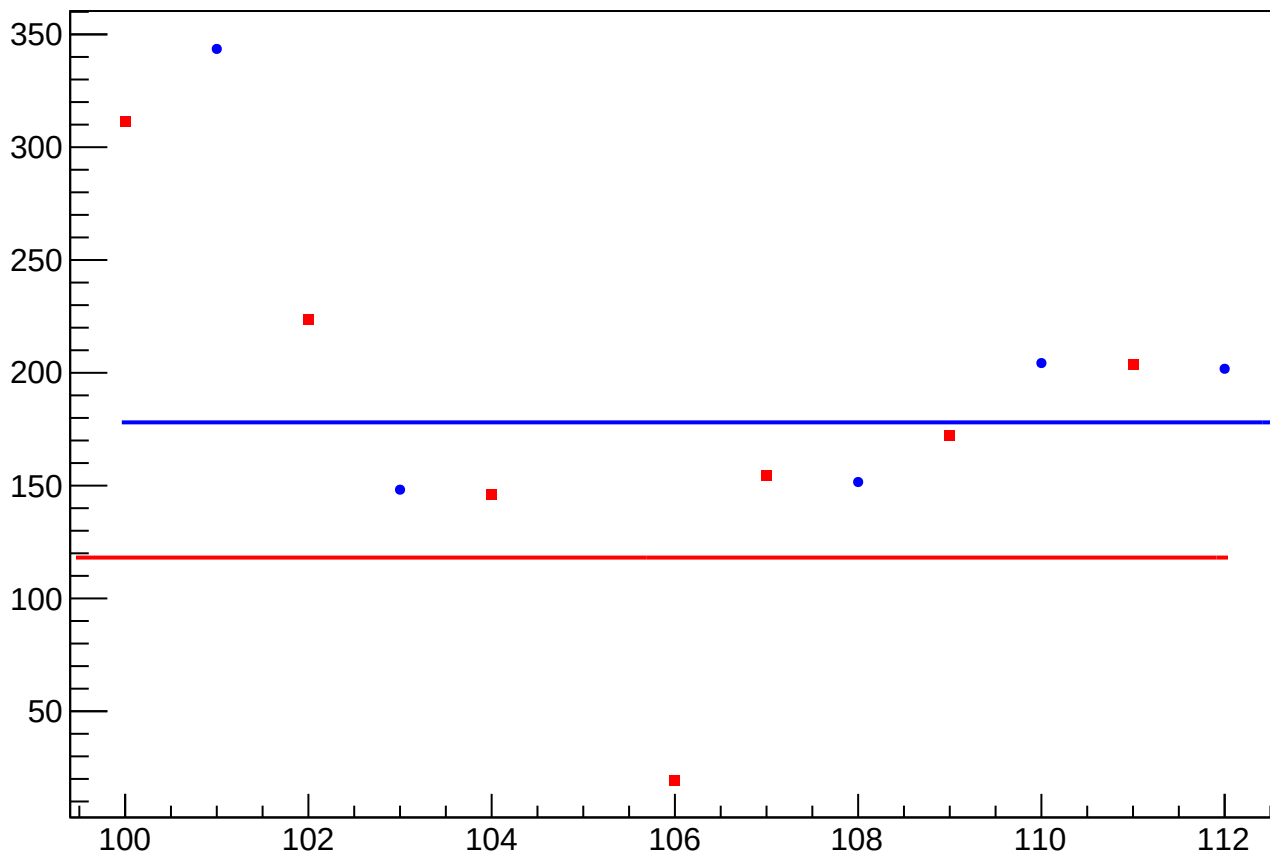
Right: -59.726 $\pm$ 2.797 χ^2 /NDF: 177.9/11

In: -67.965 $\pm$ 4.562 χ^2 /NDF:111.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -59.726 $\pm$ 2.797 χ^2 /NDF: 177.9/11

reg_asym_us_avg_at2lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 178.035+/-0.177 χ^2/NDF : 114187.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.111+/-0.138 χ^2/NDF : 319171.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

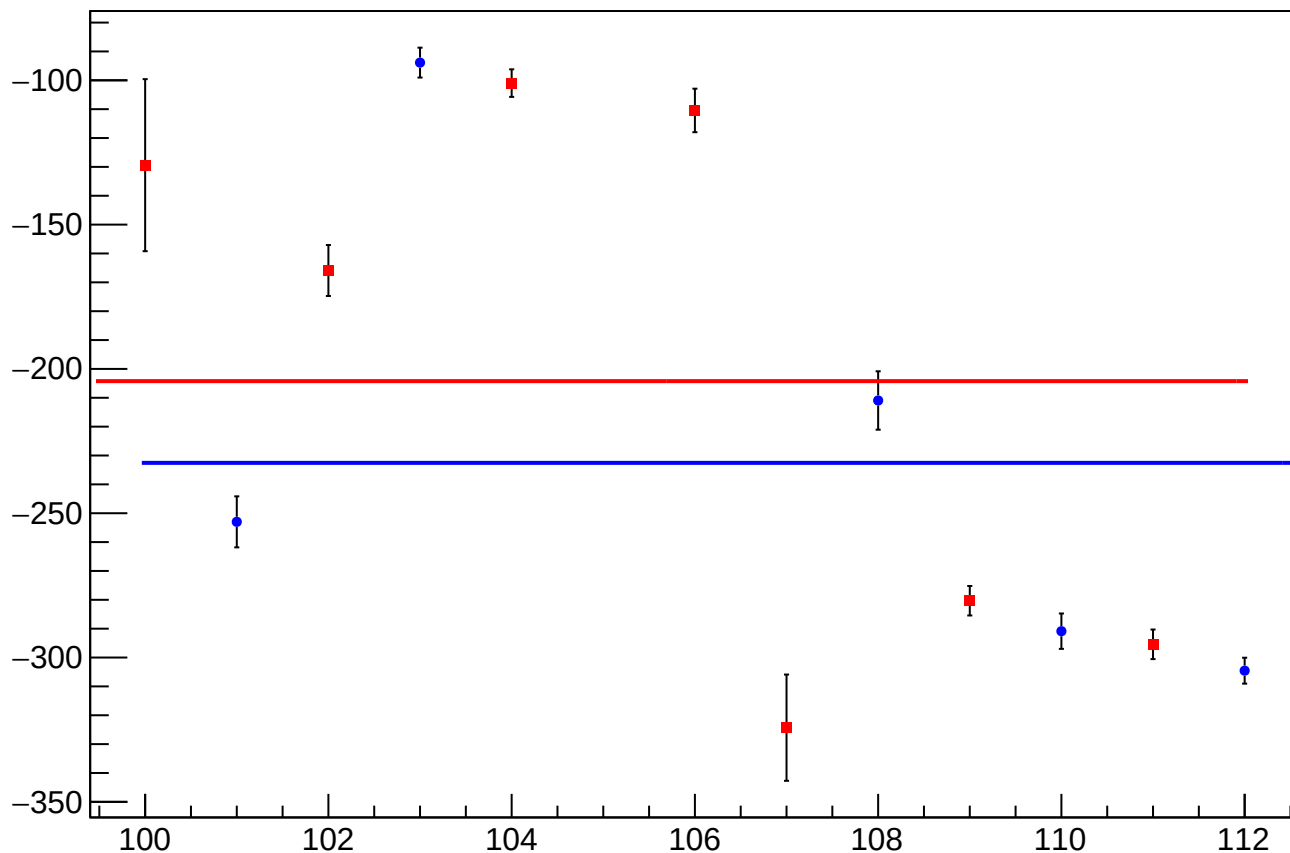
Right: 140.814+/-0.109 χ^2/NDF : 504549.9/11

In: 178.035+/-0.177 χ^2/NDF : 114187.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.814+/-0.109 χ^2/NDF : 504549.9/11

reg_asym_us_avg_atlr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -232.544 $\pm$ 2.710 χ^2 /NDF: 1075.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -204.231 $\pm$ 2.542 χ^2 /NDF: 1228.6/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

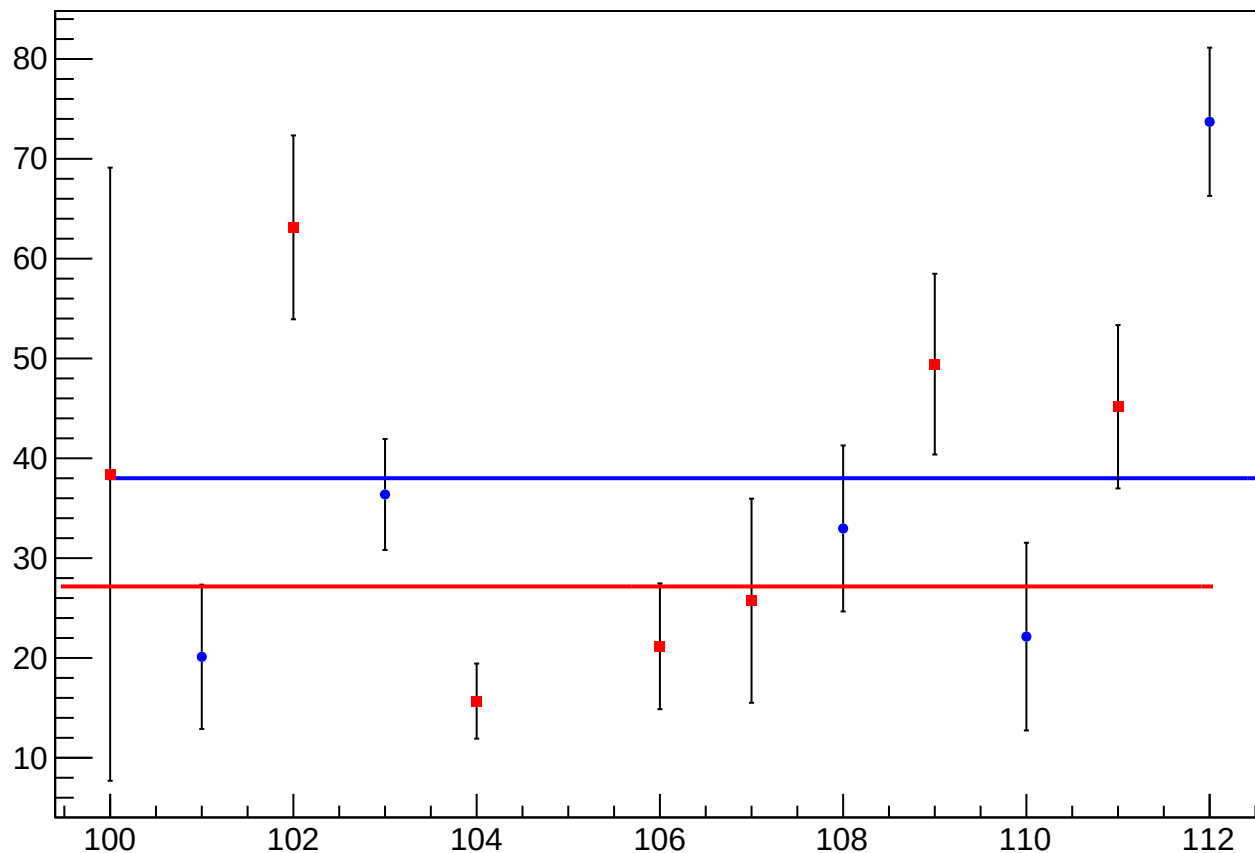
Right: -217.480 $\pm$ 1.854 χ^2 /NDF: 2362.2/11

In: -232.544 $\pm$ 2.710 χ^2 /NDF:1075.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -217.480 $\pm$ 1.854 χ^2 /NDF: 2362.2/11

reg_asym_us_avg_atlr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 38.007+/-3.238 χ^2/NDF : 32.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.164+/-2.622 χ^2/NDF : 36.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

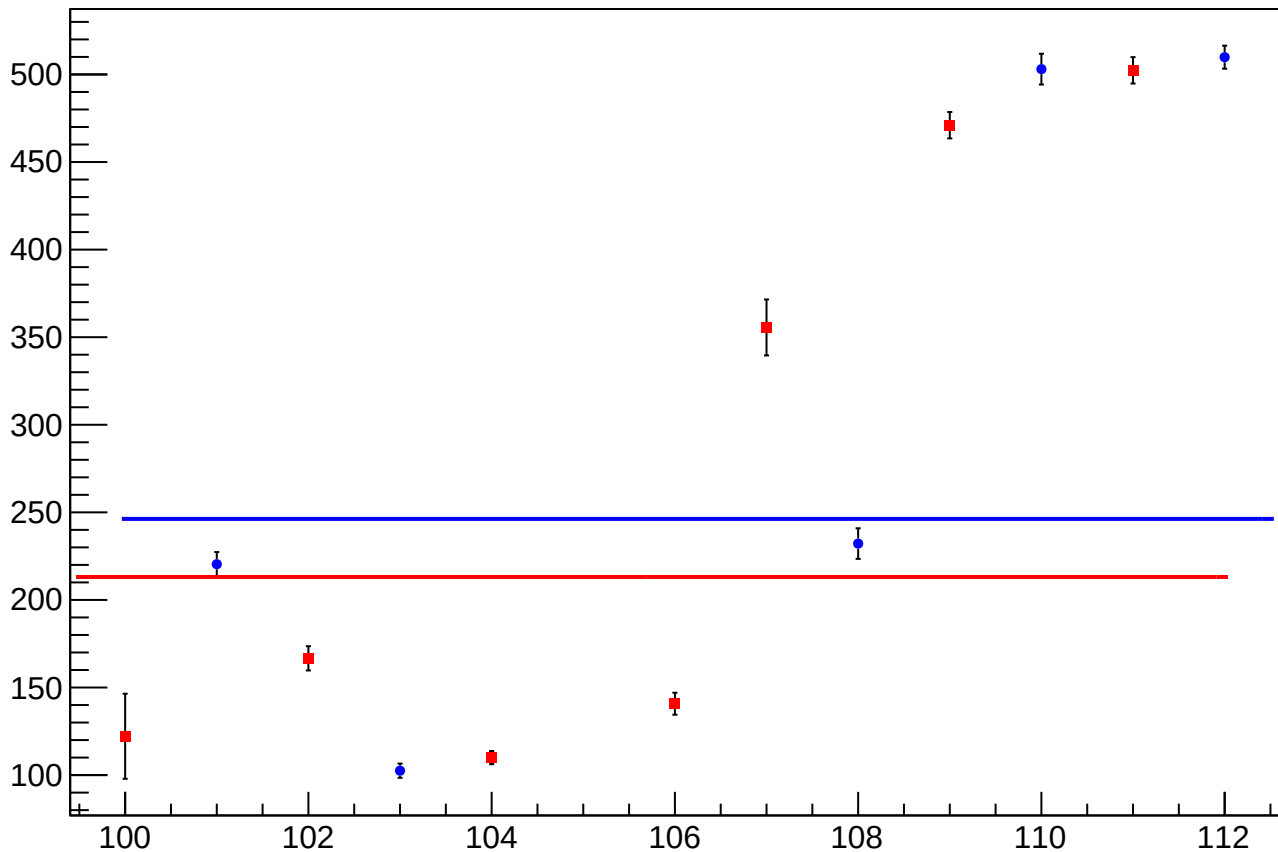
Right: 31.458+/-2.038 χ^2/NDF : 75.9/11

In: 38.007+/-3.238 χ^2/NDF : 32.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.458+/-2.038 χ^2/NDF : 75.9/11

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 246.269+/-2.767 χ^2/NDF : 3728.8/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 213.105+/-2.519 χ^2/NDF : 3671.2/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

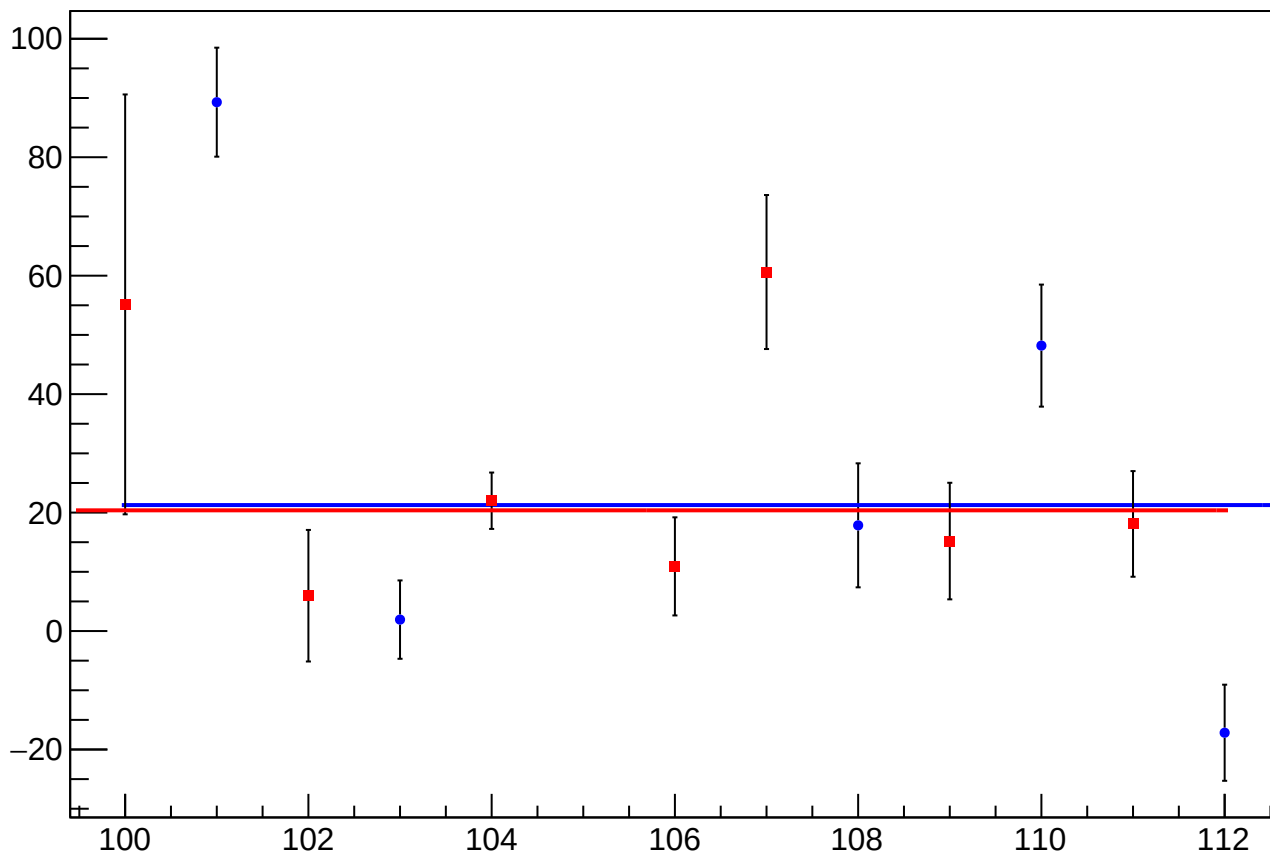
Right: 228.137+/-1.863 χ^2/NDF : 7478.5/11

In: 246.269+/-2.767 χ^2/NDF :3728.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 228.137+/-1.863 χ^2/NDF : 7478.5/11

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 21.270+/-3.824 χ^2/NDF : 92.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.381+/-3.220 χ^2/NDF : 14.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

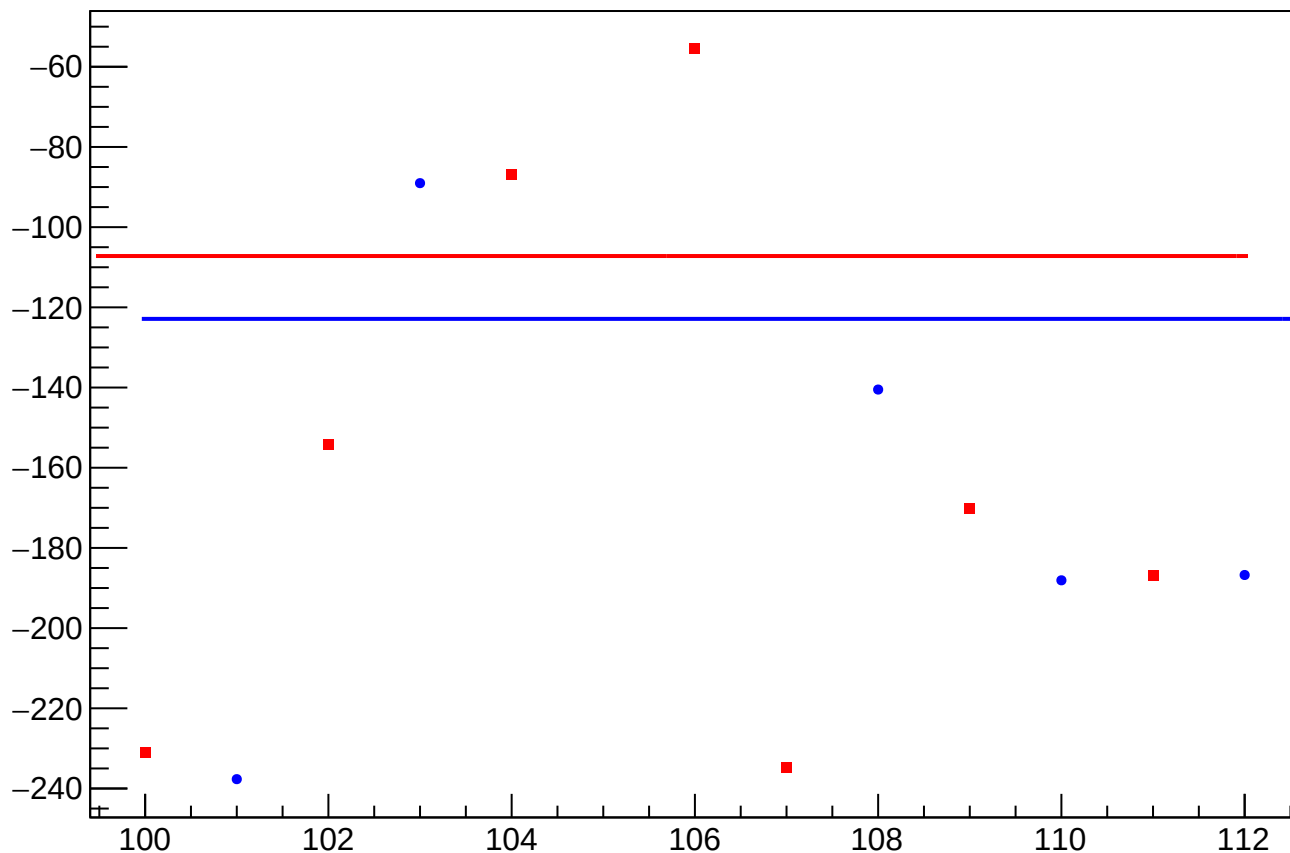
Right: 20.750+/-2.463 χ^2/NDF : 106.6/11

In: 21.270+/-3.824 χ^2/NDF : 92.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.750+/-2.463 χ^2/NDF : 106.6/11

reg_asym_us_avg_atlr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -122.876+/-0.136 χ^2/NDF : 143284.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -107.200+/-0.123 χ^2/NDF : 159323.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

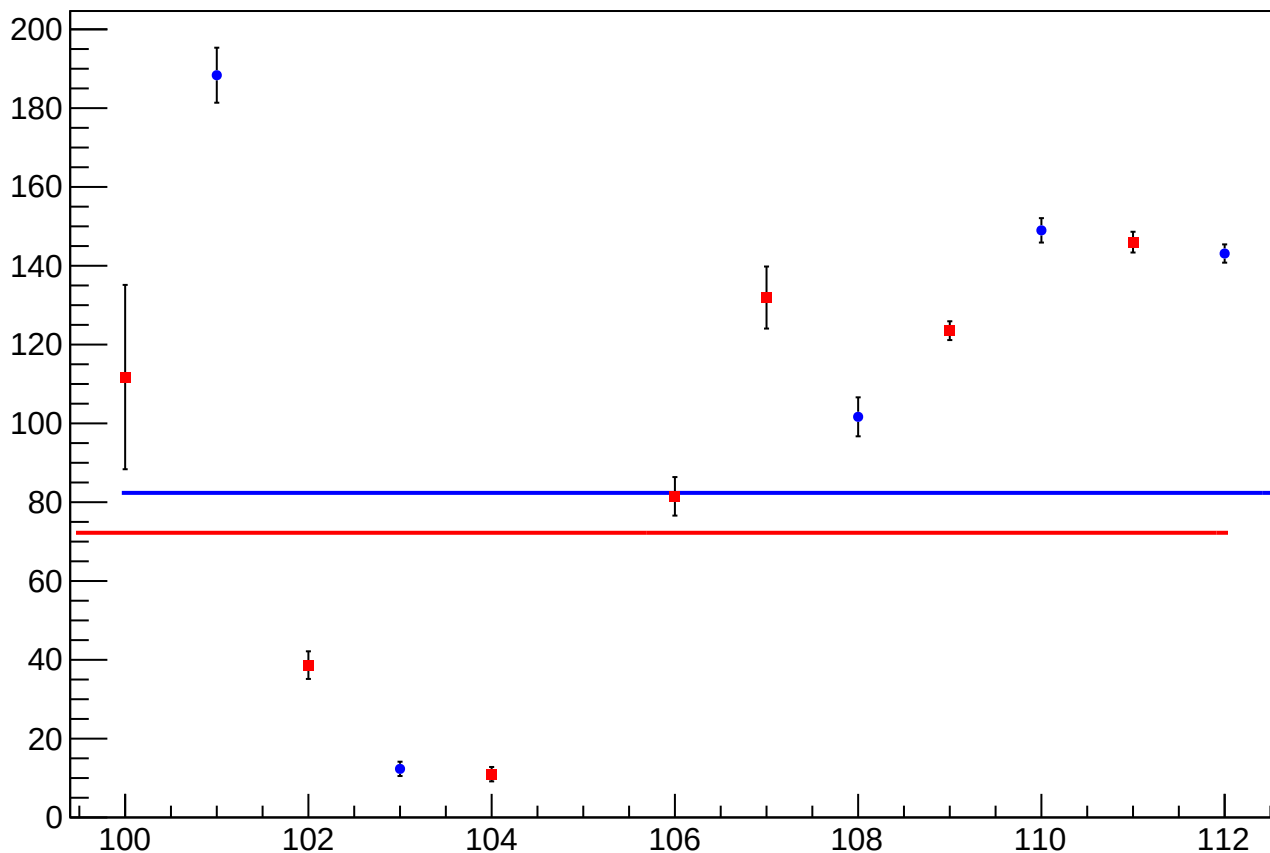
Right: -114.238+/-0.091 χ^2/NDF : 309935.2/11

In: -122.876+/-0.136 χ^2/NDF : 143284.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -114.238+/-0.091 χ^2/NDF : 309935.2/11

reg_asym_us_avg_atlr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 82.367 $\pm$ 1.236 χ^2 /NDF: 2879.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 72.241 $\pm$ 1.146 χ^2 /NDF: 2527.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

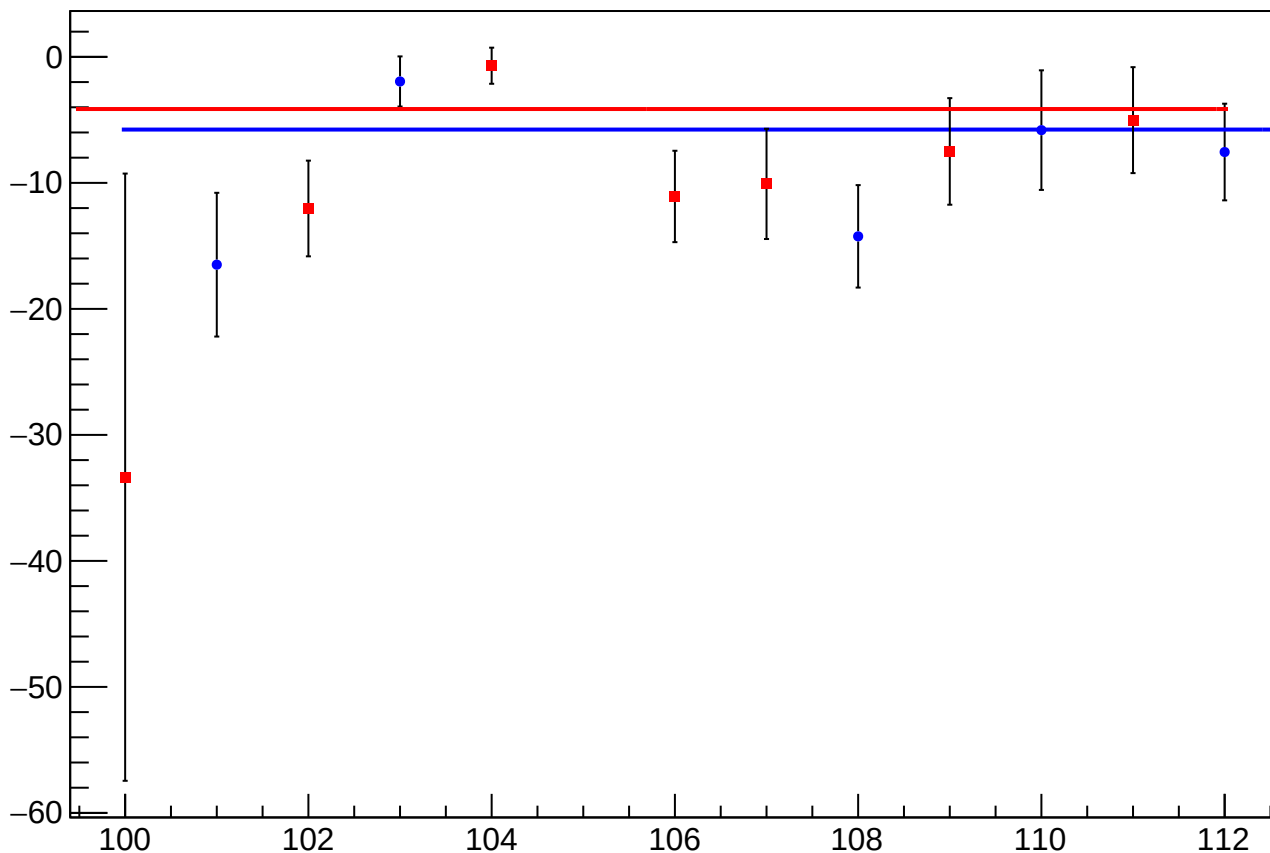
Right: 76.923 $\pm$ 0.841 χ^2 /NDF: 5443.5/11

In: 82.367 $\pm$ 1.236 χ^2 /NDF:2879.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 76.923 $\pm$ 0.841 χ^2 /NDF: 5443.5/11

reg_asym_us_avg_atlr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.769+/-1.480 χ^2/NDF : 11.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.139+/-1.119 χ^2/NDF : 17.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

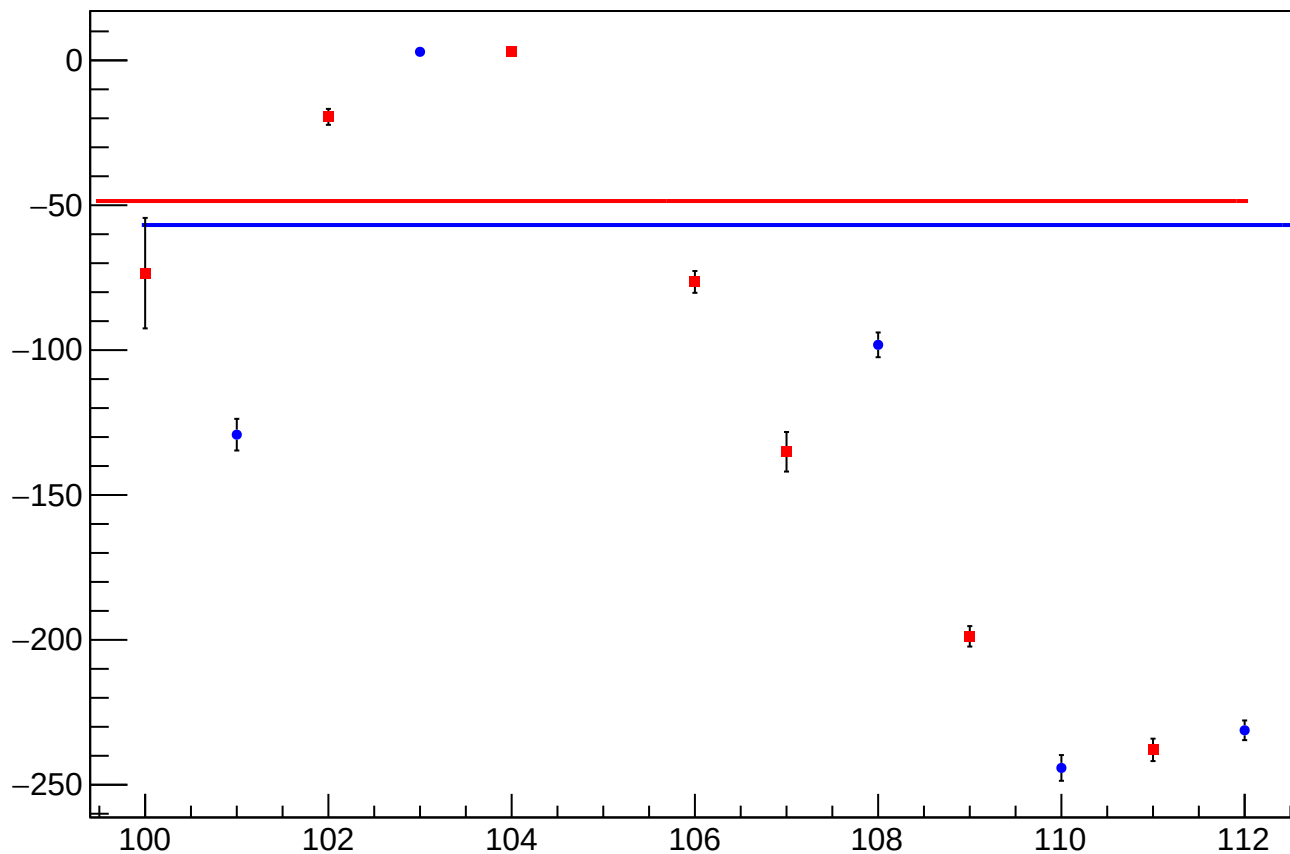
Right: -4.731+/-0.892 χ^2/NDF : 30.3/11

In: -5.769+/-1.480 χ^2/NDF : 11.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.731+/-0.892 χ^2/NDF : 30.3/11

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.830 $\pm$ 1.182 χ^2 /NDF: 6439.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -48.543 $\pm$ 1.081 χ^2 /NDF: 5815.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

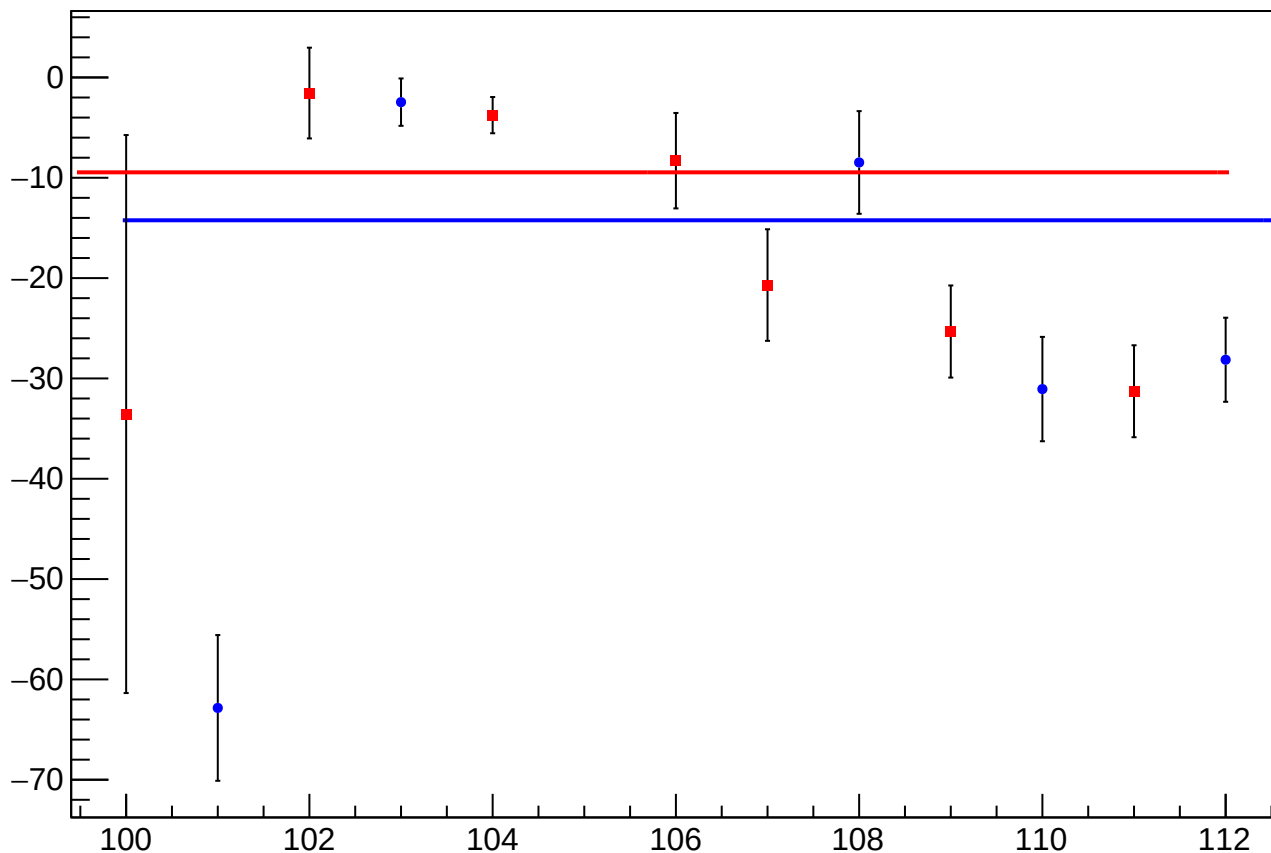
Right: -52.320 $\pm$ 0.798 χ^2 /NDF: 12282.0/11

In: -56.830 $\pm$ 1.182 χ^2 /NDF:6439.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -52.320 $\pm$ 0.798 χ^2 /NDF: 12282.0/11

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -14.238 $\pm$ 1.739 χ^2 /NDF: 92.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -9.458 $\pm$ 1.376 χ^2 /NDF: 52.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

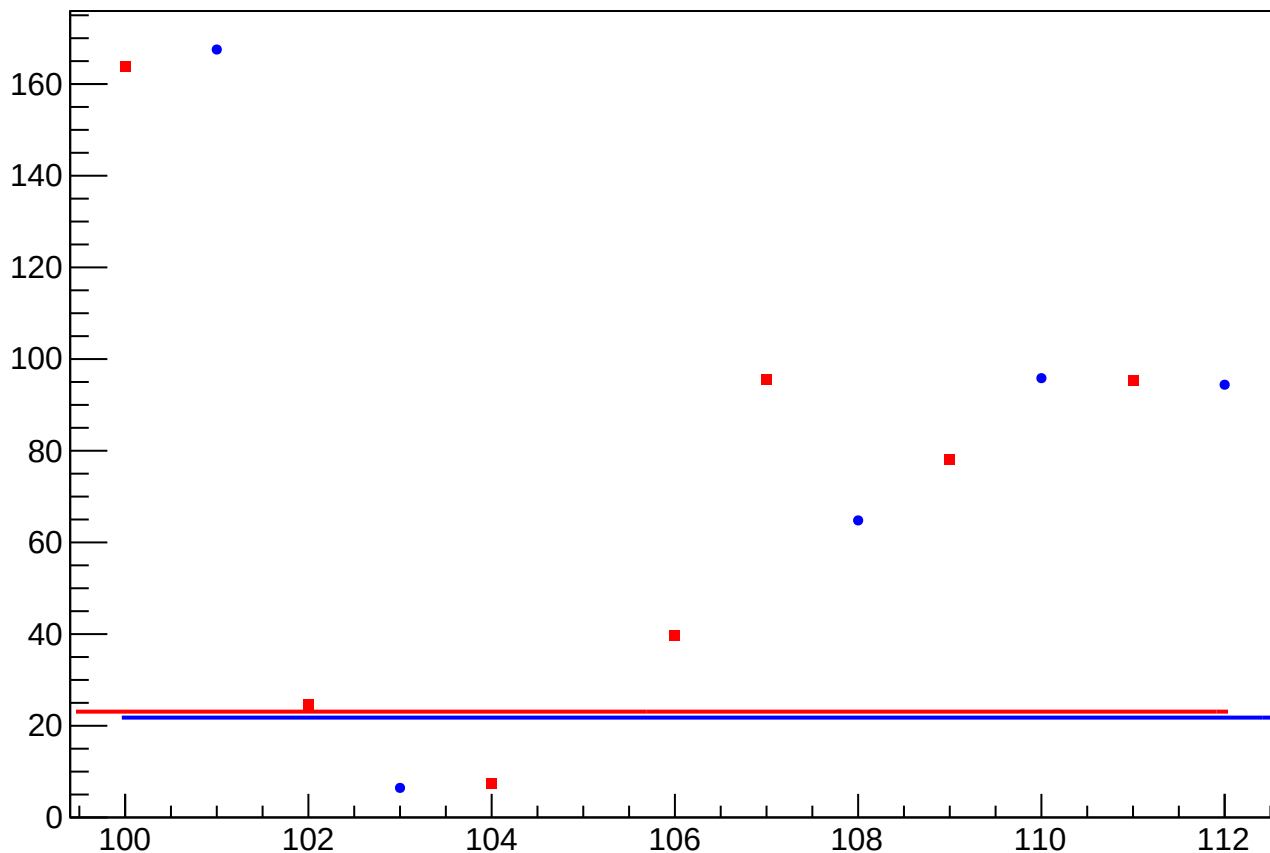
Right: -11.297 $\pm$ 1.079 χ^2 /NDF: 149.6/11

In: -14.238 $\pm$ 1.739 χ^2 /NDF:92.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -11.297 $\pm$ 1.079 χ^2 /NDF: 149.6/11

reg_asym_us_avg_atlr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 21.783+/-0.054 χ^2/NDF : 443342.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.085+/-0.053 χ^2/NDF : 258475.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

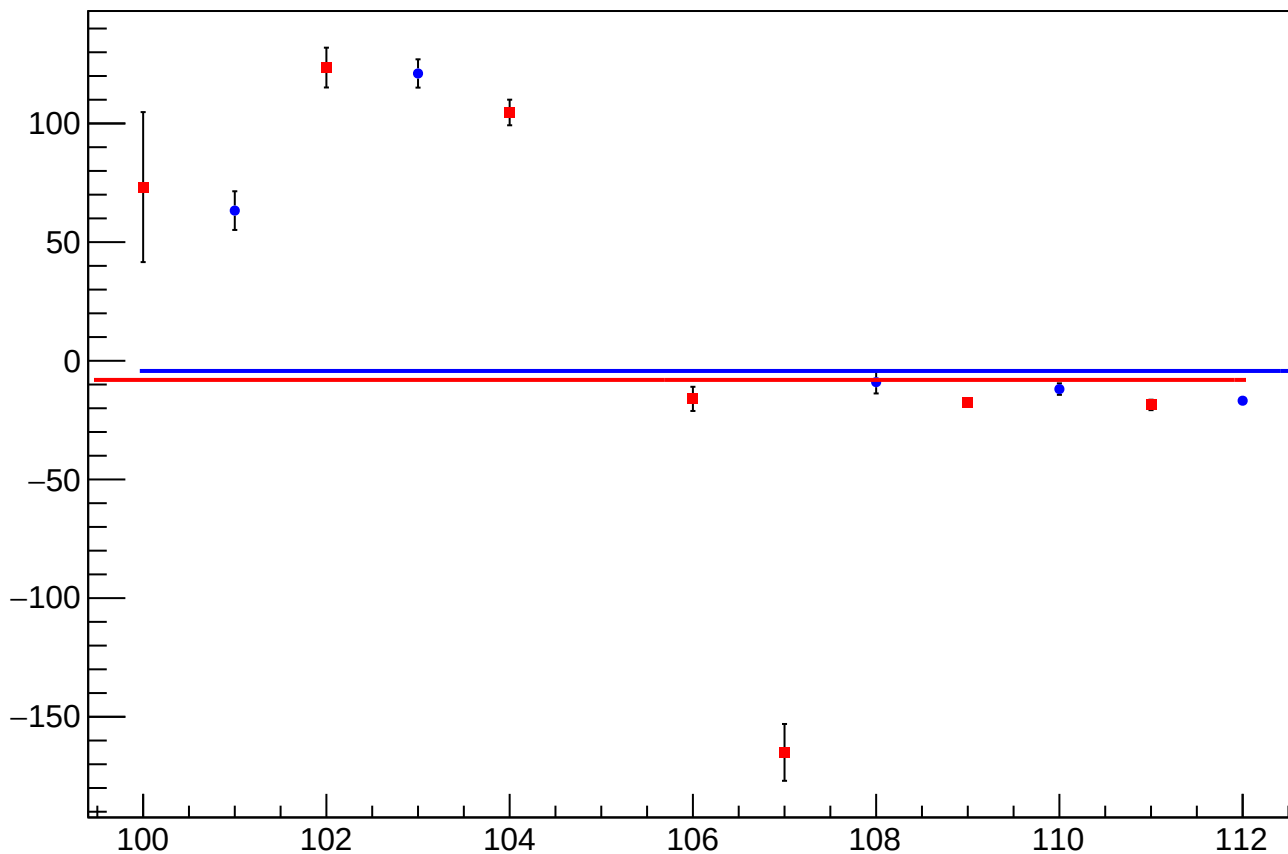
Right: 22.443+/-0.038 χ^2/NDF : 702115.9/11

In: 21.783+/-0.054 χ^2/NDF : 443342.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.443+/-0.038 χ^2/NDF : 702115.9/11

reg_asym_us_dd_at1lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.280+/-1.415 χ^2/NDF : 559.4/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -8.056+/-1.368 χ^2/NDF : 908.0/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

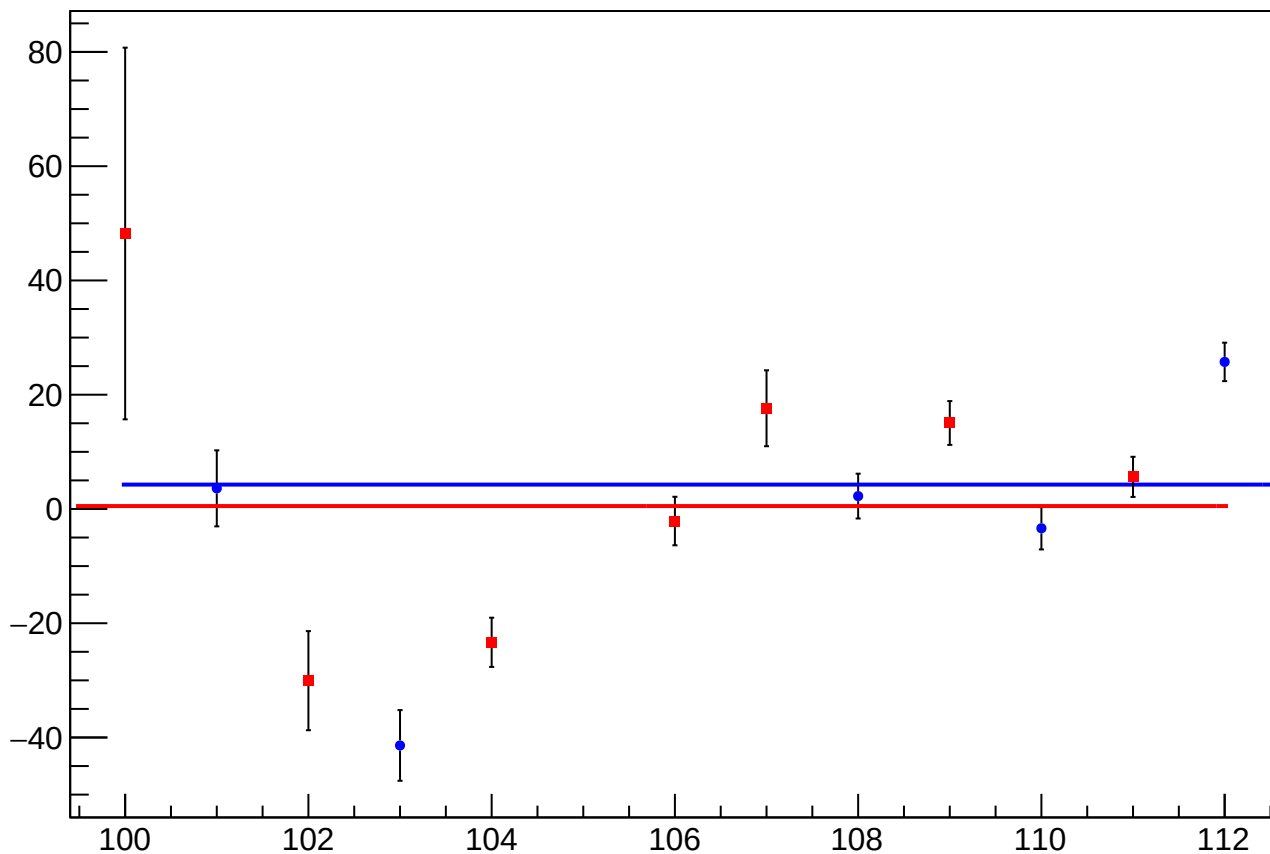
Right: -6.231+/-0.984 χ^2/NDF : 1471.1/11

In: -4.280+/-1.415 χ^2/NDF :559.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.231+/-0.984 χ^2/NDF : 1471.1/11

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.266+/-1.909 χ^2/NDF : 99.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.510+/-1.840 χ^2/NDF : 68.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

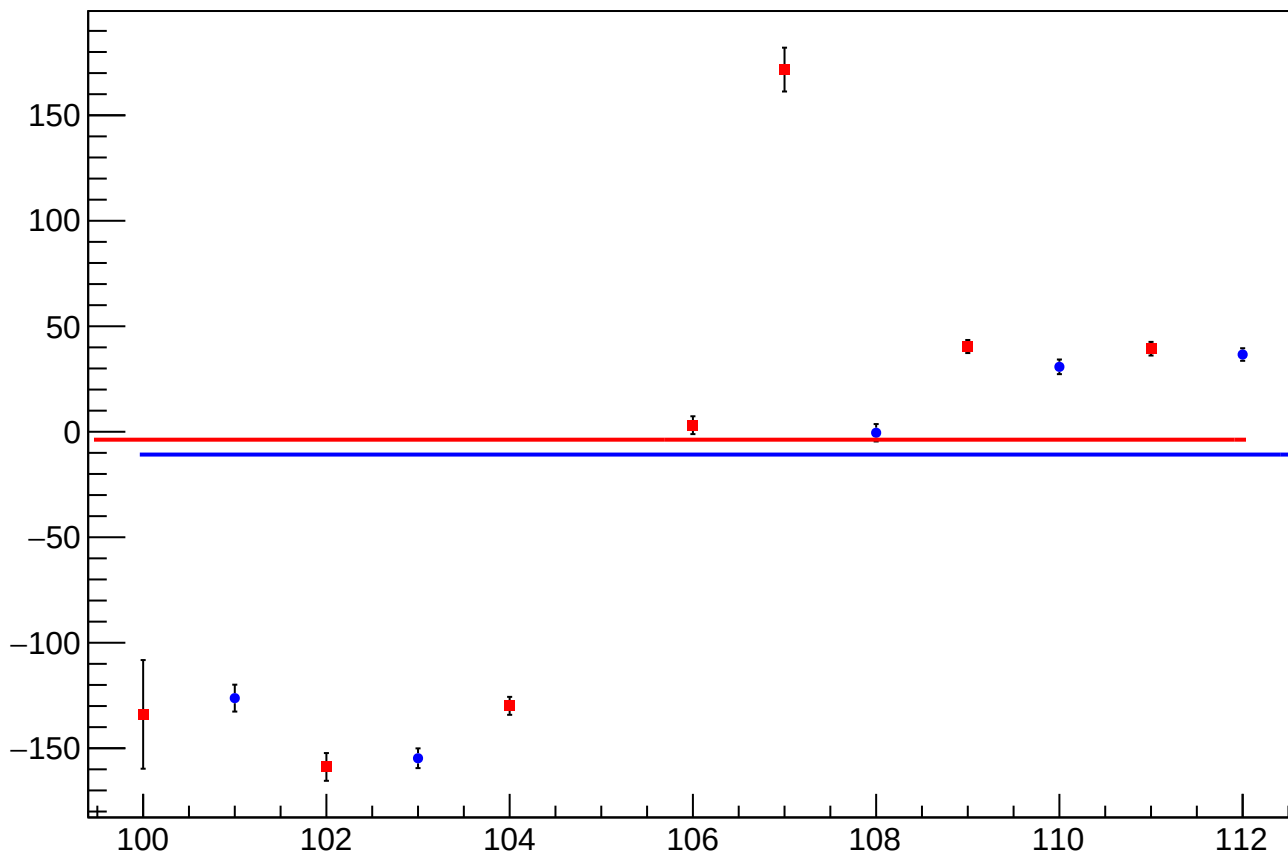
Right: 2.319+/-1.325 χ^2/NDF : 170.4/11

In: 4.266+/-1.909 χ^2/NDF : 99.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.319+/-1.325 χ^2/NDF : 170.4/11

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -10.808 $\pm$ 1.754 χ^2 /NDF: 1678.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.755 $\pm$ 1.702 χ^2 /NDF: 2130.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

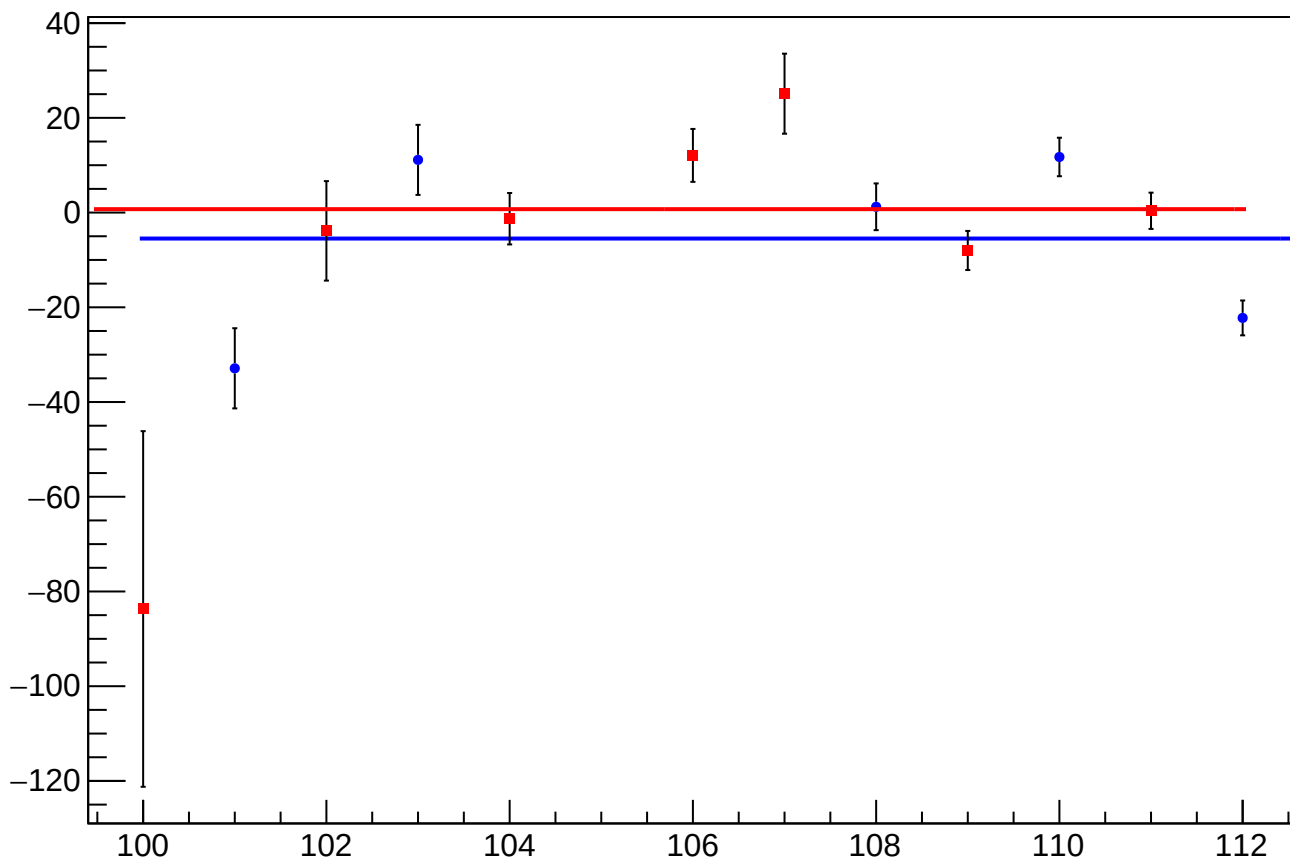
Right: -7.175 $\pm$ 1.221 χ^2 /NDF: 3816.5/11

In: -10.808 $\pm$ 1.754 χ^2 /NDF:1678.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -7.175 $\pm$ 1.221 χ^2 /NDF: 3816.5/11

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.484+/-2.194 χ^2/NDF : 56.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.721+/-2.148 χ^2/NDF : 22.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

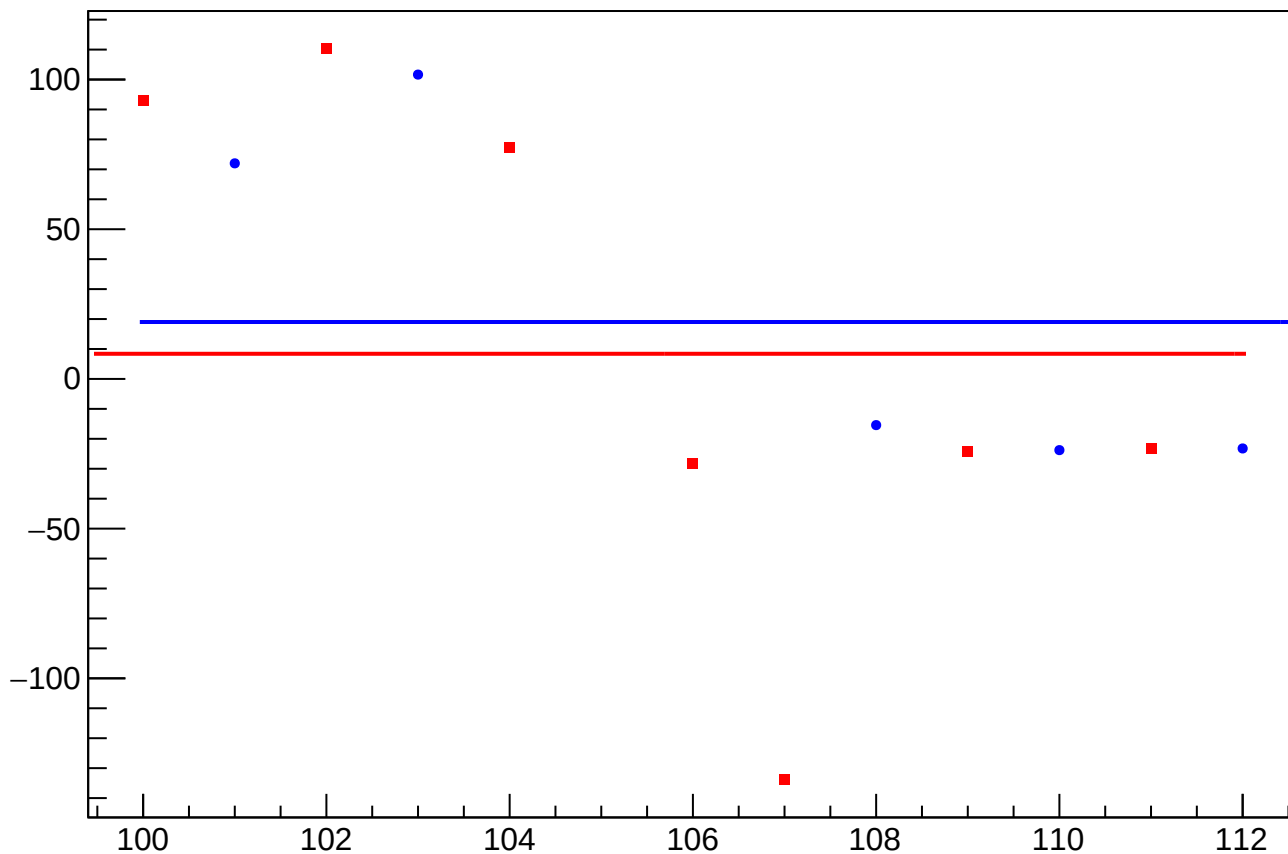
Right: -2.316+/-1.535 χ^2/NDF : 82.5/11

In: -5.484+/-2.194 χ^2/NDF : 56.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.316+/-1.535 χ^2/NDF : 82.5/11

reg_asym_us_dd_at1lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 19.013+/-0.101 χ^2/NDF : 294014.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.399+/-0.098 χ^2/NDF : 430920.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

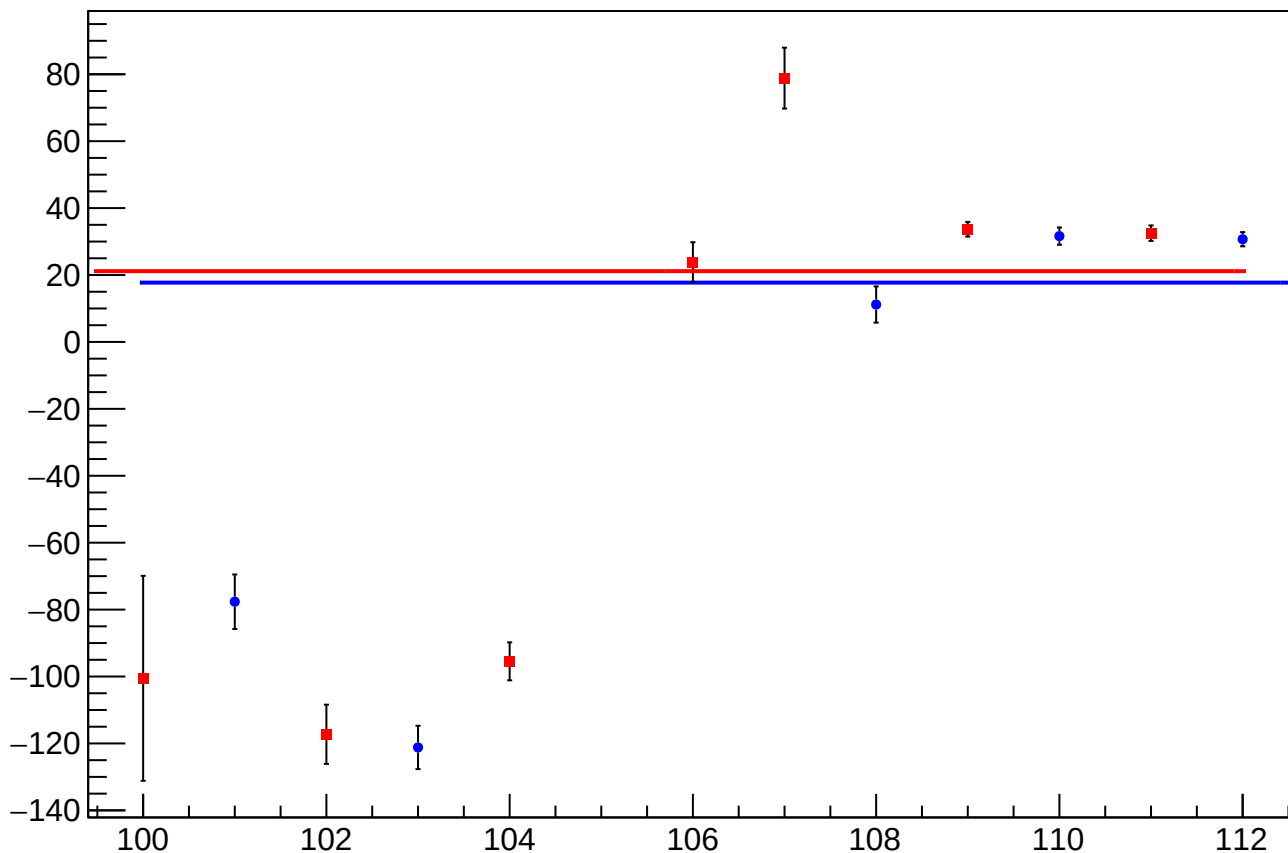
Right: 13.549+/-0.070 χ^2/NDF : 730674.2/11

In: 19.013+/-0.101 χ^2/NDF : 294014.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.549+/-0.070 χ^2/NDF : 730674.2/11

reg_asym_us_dd_at1lr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 17.729+/-1.498 χ^2/NDF : 665.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.147+/-1.441 χ^2/NDF : 780.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

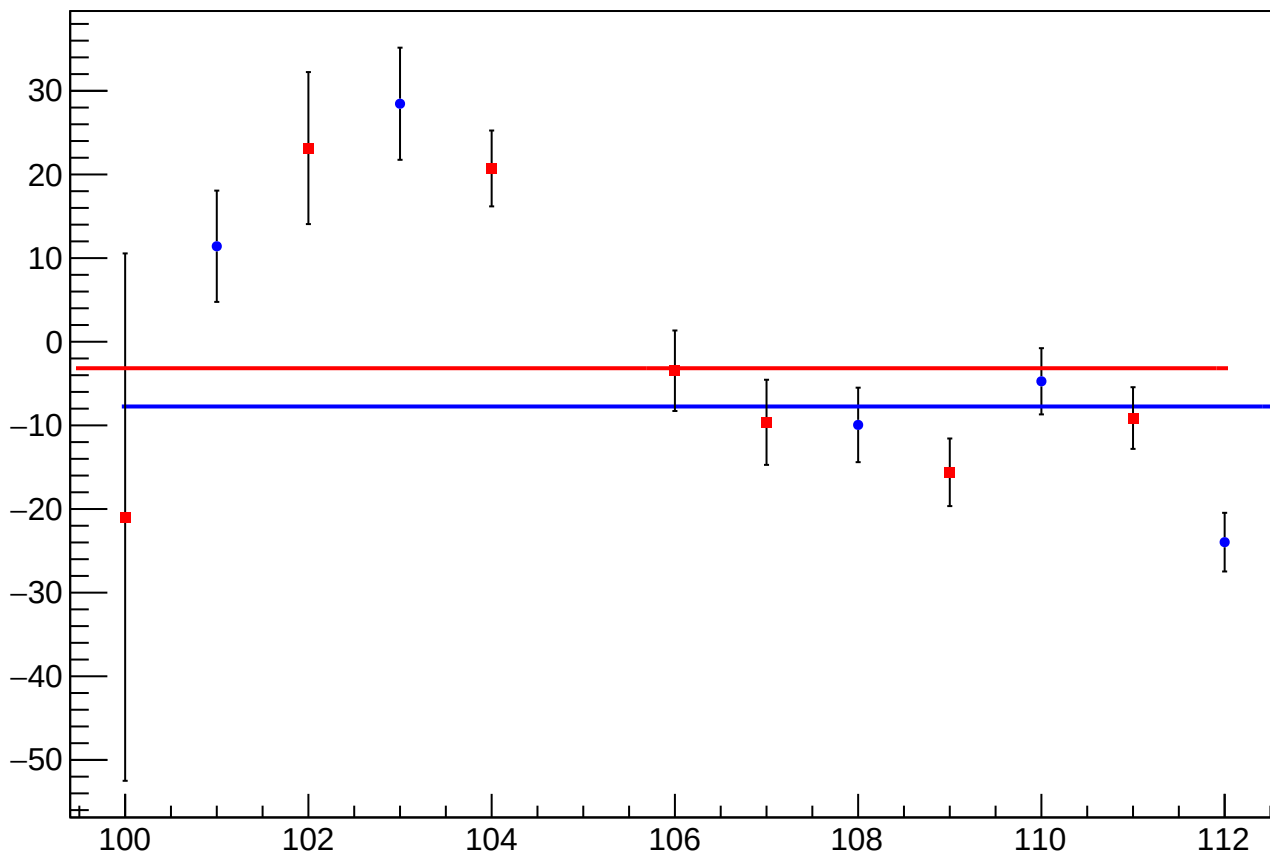
Right: 19.505+/-1.038 χ^2/NDF : 1448.5/11

In: 17.729+/-1.498 χ^2/NDF : 665.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.505+/-1.038 χ^2/NDF : 1448.5/11

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.741 $\pm$ 2.040 χ^2 /NDF: 59.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.167 $\pm$ 1.896 χ^2 /NDF: 50.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

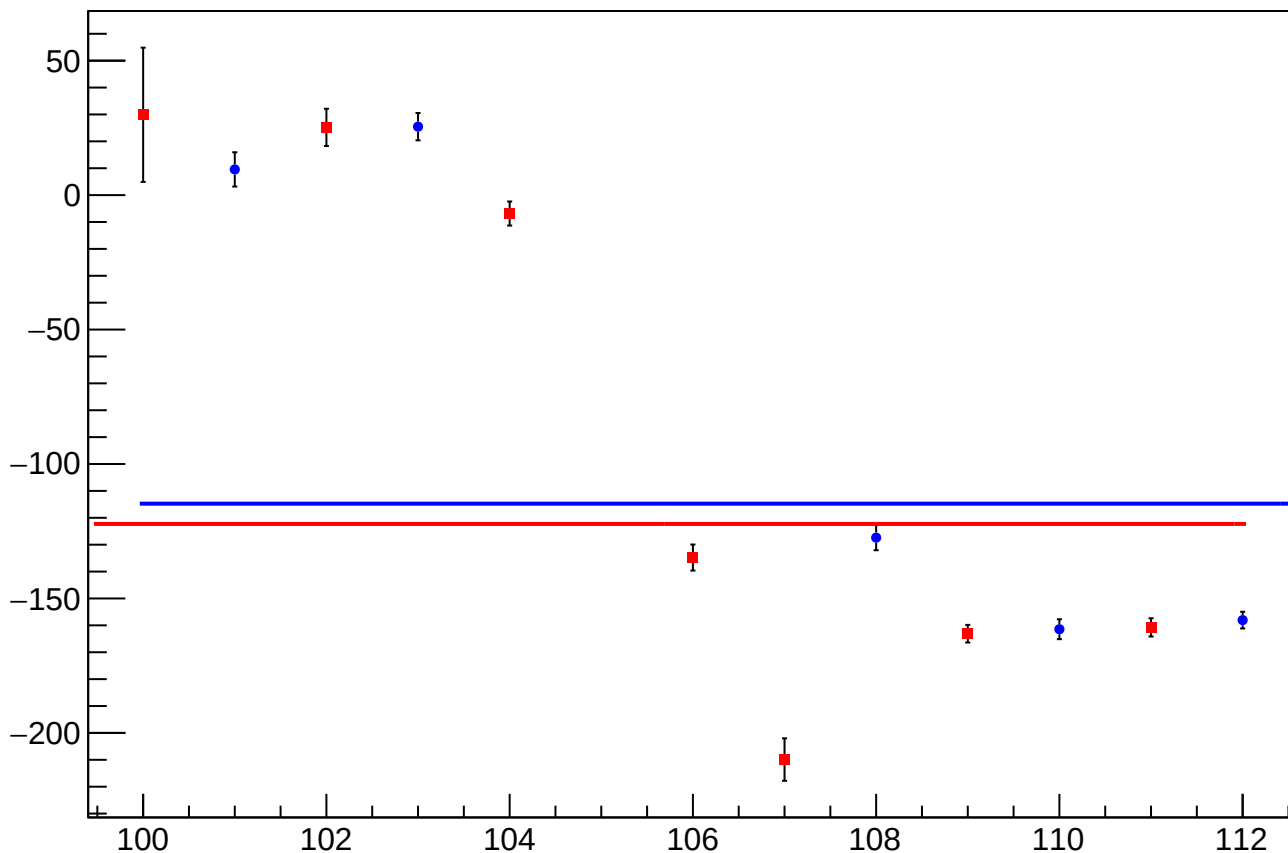
Right: -5.287 $\pm$ 1.389 χ^2 /NDF: 112.5/11

In: -7.741 $\pm$ 2.040 χ^2 /NDF:59.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.287 $\pm$ 1.389 χ^2 /NDF: 112.5/11

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.742 $\pm$ 1.869 χ^2 /NDF: 1503.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -122.274 $\pm$ 1.794 χ^2 /NDF: 1568.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

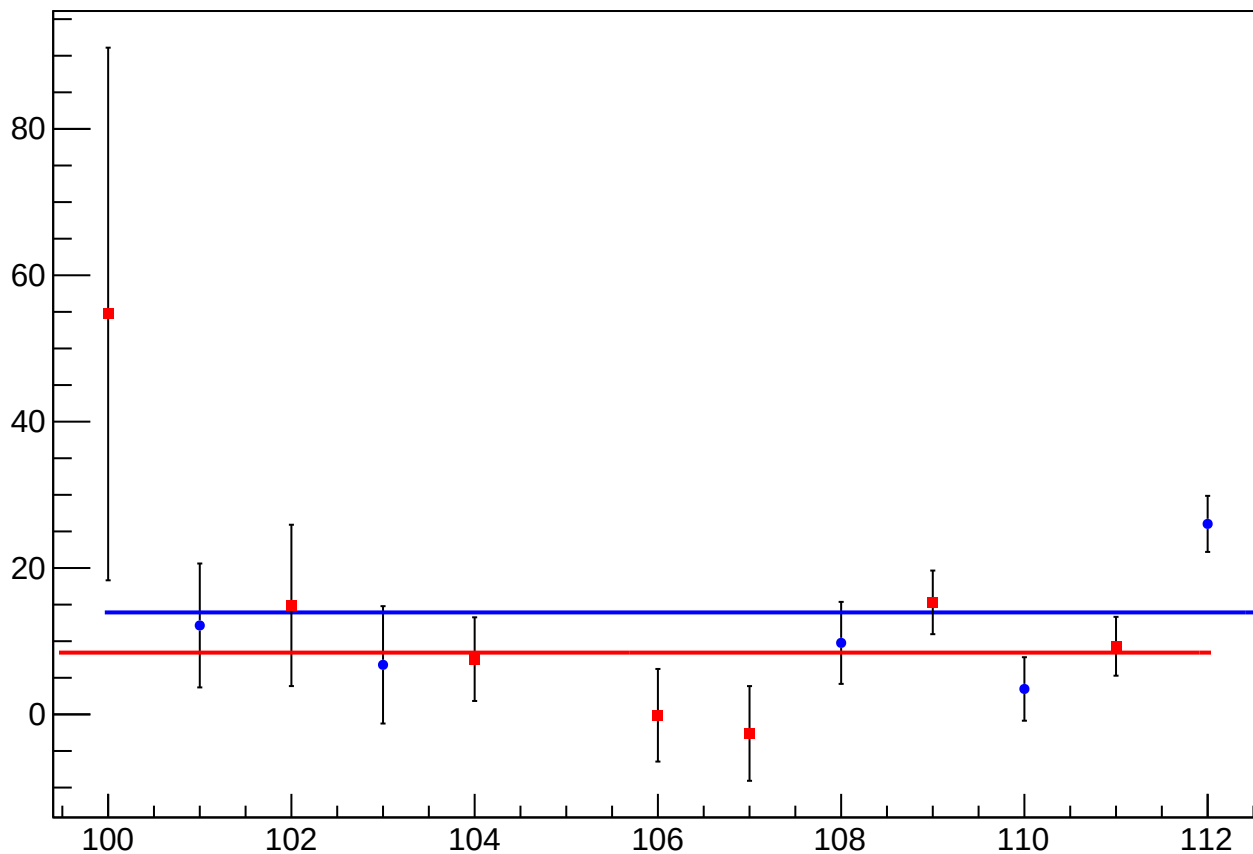
Right: -118.664 $\pm$ 1.294 χ^2 /NDF: 3080.1/11

In: -114.742 $\pm$ 1.869 χ^2 /NDF:1503.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -118.664 $\pm$ 1.294 χ^2 /NDF: 3080.1/11

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.932 $\pm$ 2.340 χ^2 /NDF: 17.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.442 $\pm$ 2.218 χ^2 /NDF: 9.3/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

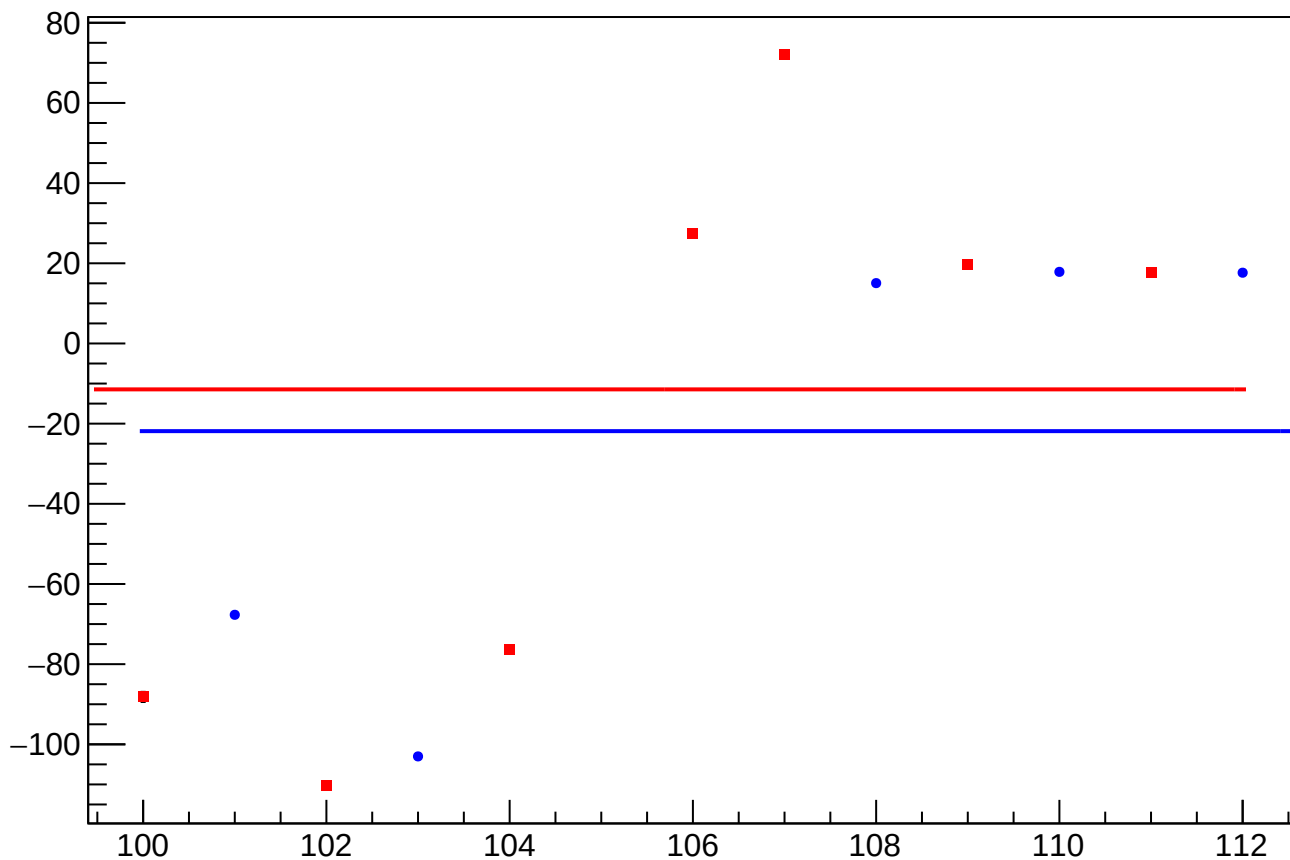
Right: 11.040 $\pm$ 1.610 χ^2 /NDF: 29.3/11

In: 13.932 $\pm$ 2.340 χ^2 /NDF: 17.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.040 $\pm$ 1.610 χ^2 /NDF: 29.3/11

reg_asym_us_dd_at1lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.870+/-0.109 χ^2/NDF : 240081.1/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -11.453+/-0.103 χ^2/NDF : 326728.8/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

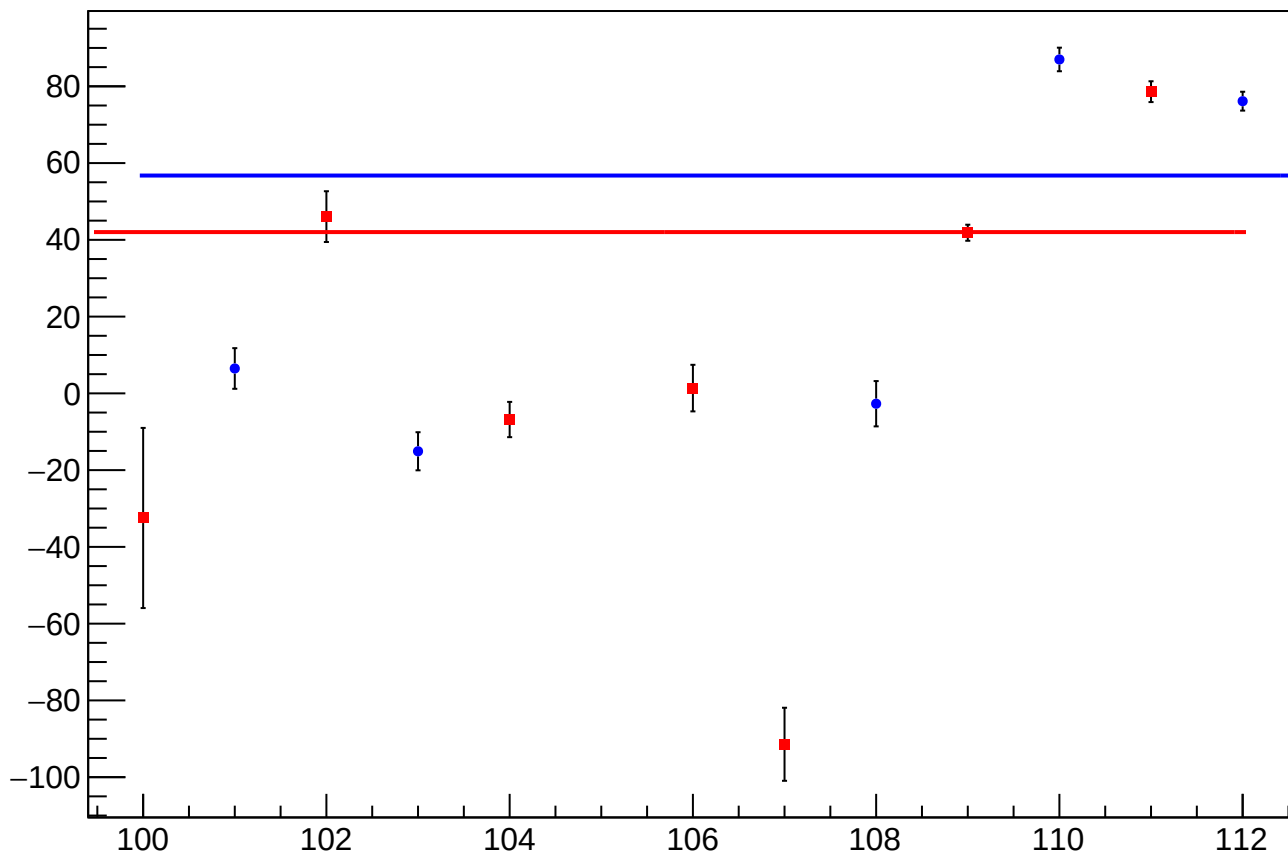
Right: -16.370+/-0.075 χ^2/NDF : 571622.2/11

In: -21.870+/-0.109 χ^2/NDF :240081.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -16.370+/-0.075 χ^2/NDF : 571622.2/11

reg_asym_us_dd_at2lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 56.753+/-1.630 χ^2/NDF : 560.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.021+/-1.452 χ^2/NDF : 546.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

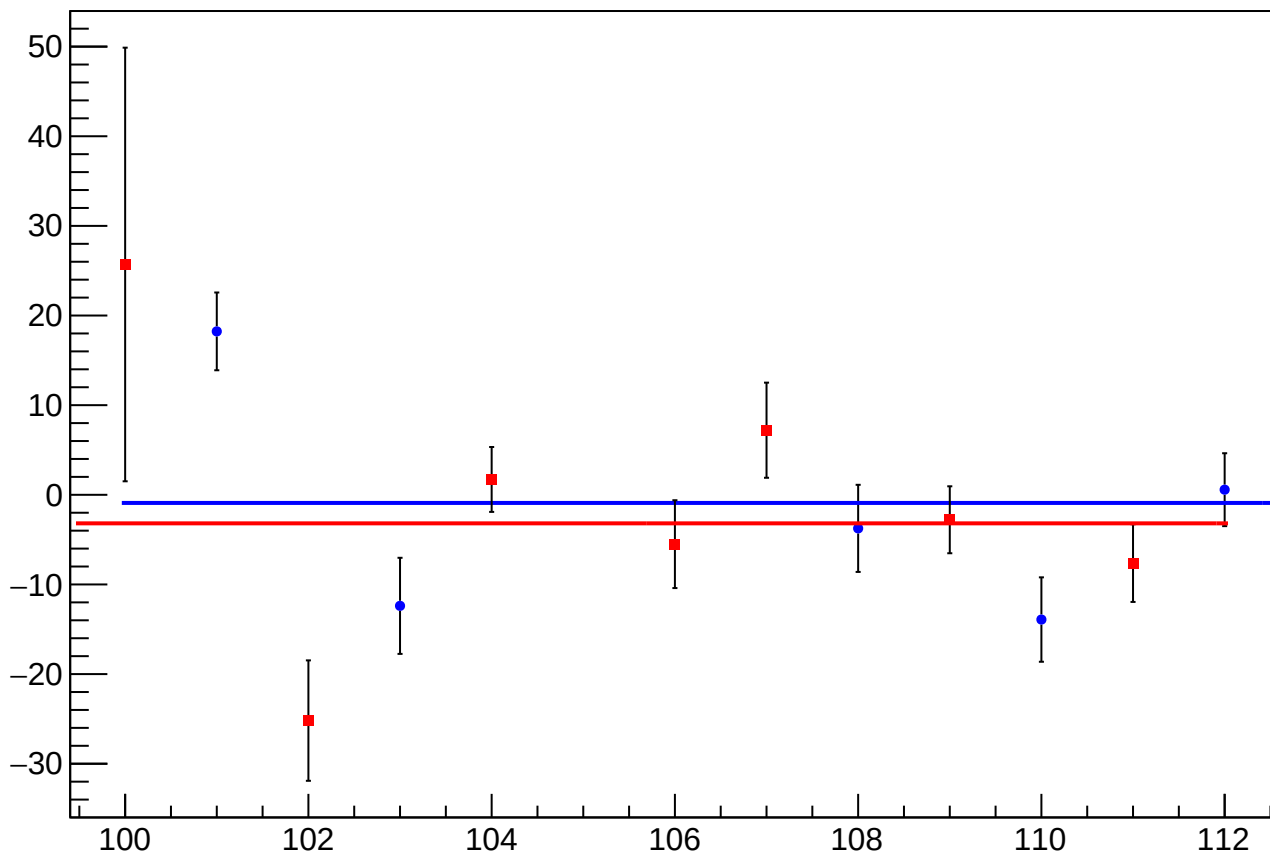
Right: 48.538+/-1.084 χ^2/NDF : 1152.5/11

In: 56.753+/-1.630 χ^2/NDF : 560.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.538+/-1.084 χ^2/NDF : 1152.5/11

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.906 ± 2.059 χ^2/NDF : 32.2/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.184 ± 1.819 χ^2/NDF : 19.1/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

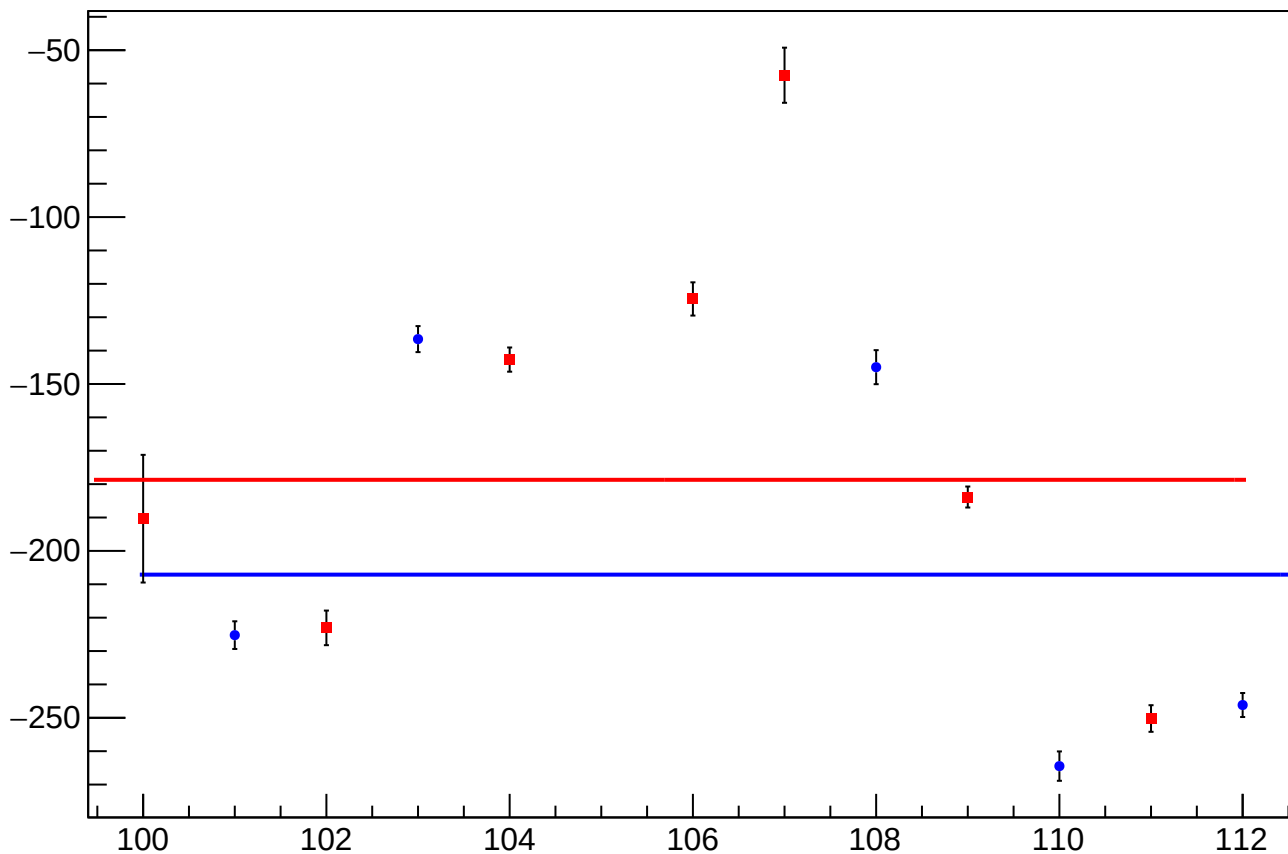
Right: -2.185 ± 1.363 χ^2/NDF : 52.0/11

In: -0.906 ± 2.059 χ^2/NDF : 32.2/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.185 ± 1.363 χ^2/NDF : 52.0/11

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -207.109+/-1.852 χ^2/NDF : 783.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -178.704+/-1.727 χ^2/NDF : 830.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

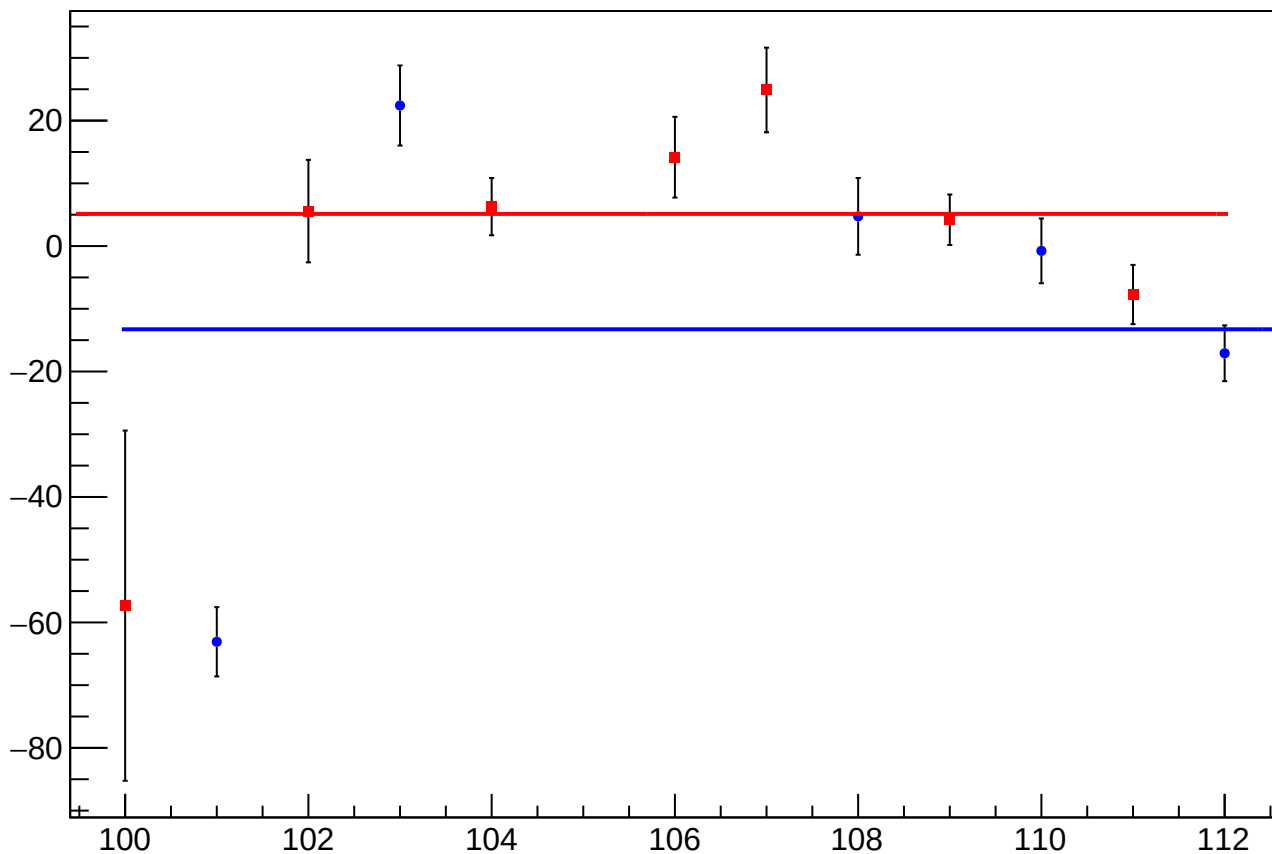
Right: -191.914+/-1.263 χ^2/NDF : 1739.8/11

In: -207.109+/-1.852 χ^2/NDF : 783.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -191.914+/-1.263 χ^2/NDF : 1739.8/11

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -13.269+/-2.409 χ^2/NDF : 127.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.129+/-2.147 χ^2/NDF : 23.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

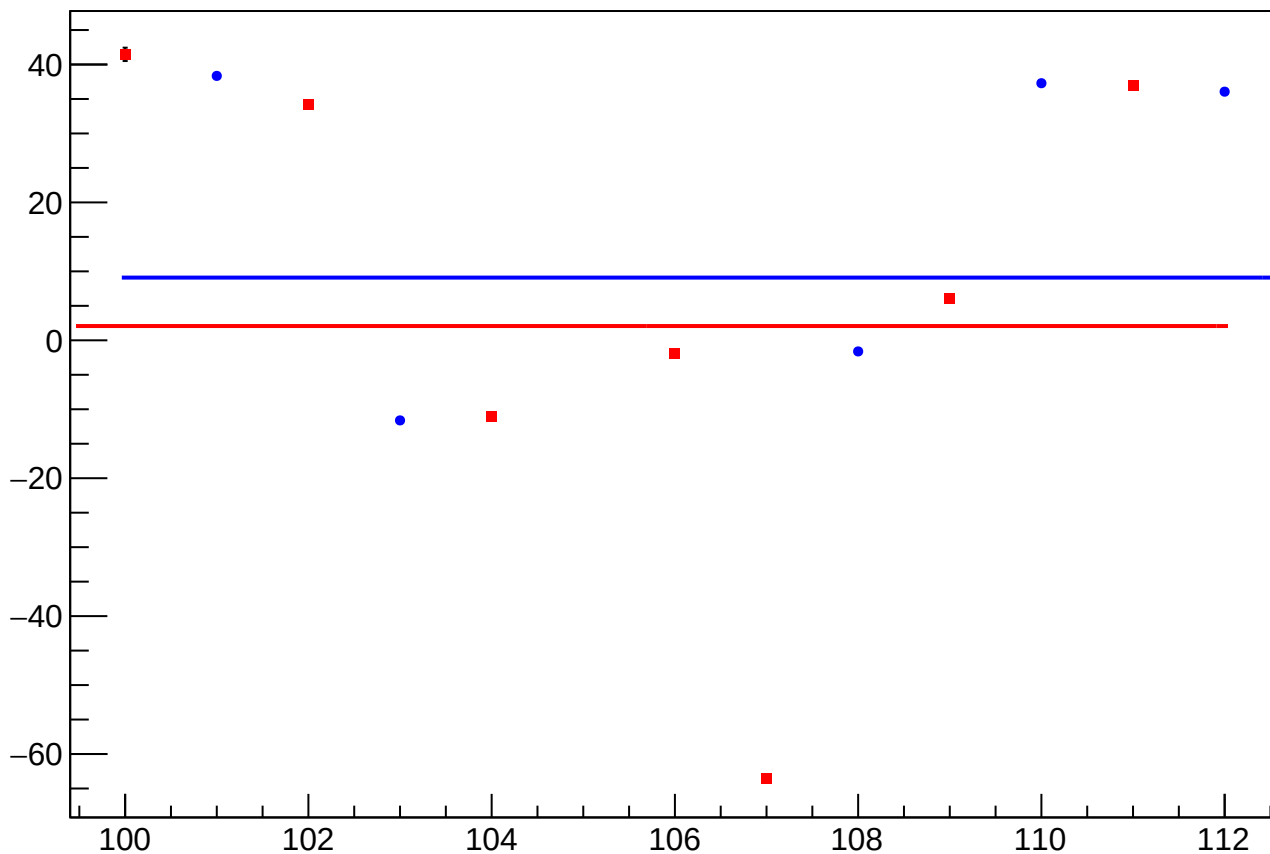
Right: -3.014+/-1.603 χ^2/NDF : 183.4/11

In: -13.269+/-2.409 χ^2/NDF : 127.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.014+/-1.603 χ^2/NDF : 183.4/11

reg_asym_us_dd_at2lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 9.096+/-0.101 χ^2/NDF : 47931.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.069+/-0.094 χ^2/NDF : 78829.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

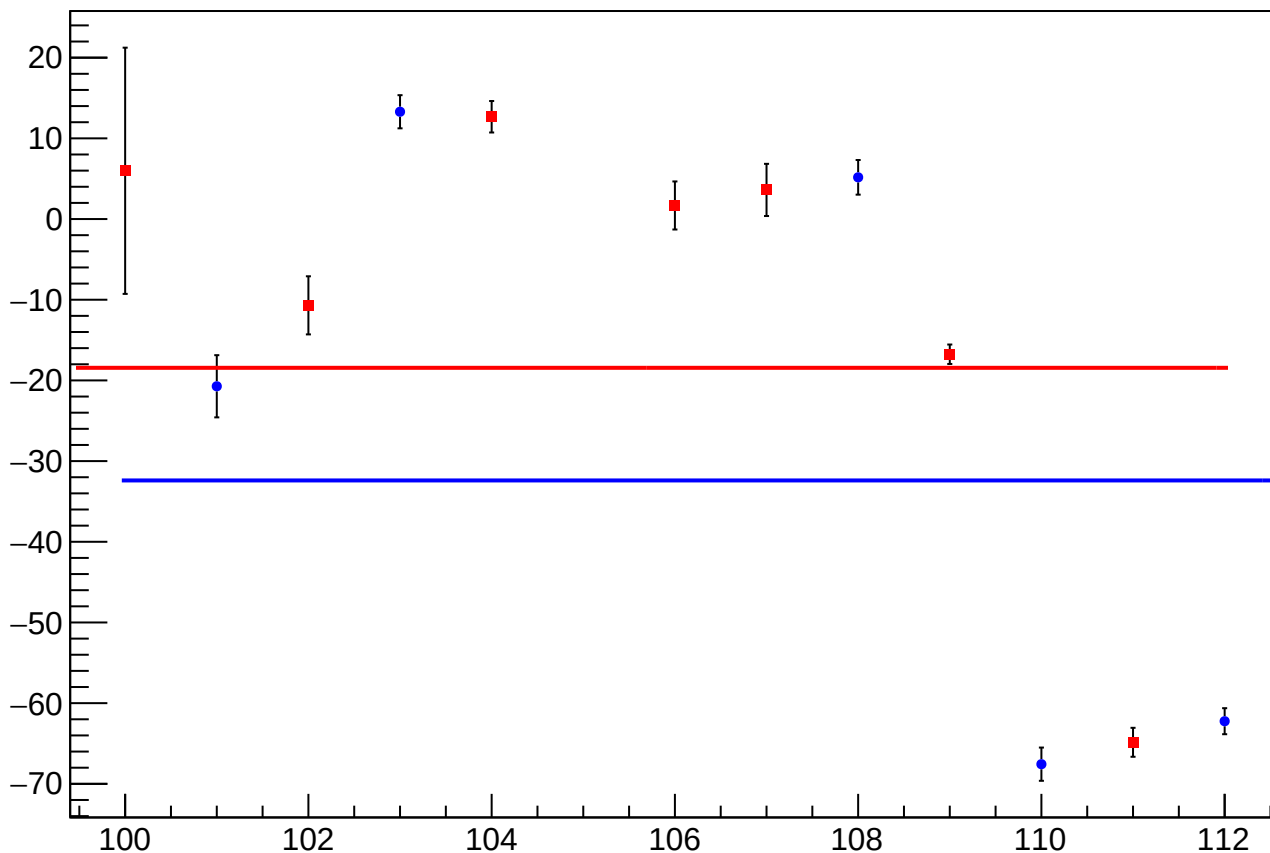
Right: 5.312+/-0.069 χ^2/NDF : 129346.7/11

In: 9.096+/-0.101 χ^2/NDF : 47931.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.312+/-0.069 χ^2/NDF : 129346.7/11

reg_asym_us_dd_at2lr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -32.398 $\pm$ 0.936 χ^2 /NDF: 1443.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -18.438 $\pm$ 0.803 χ^2 /NDF: 1025.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

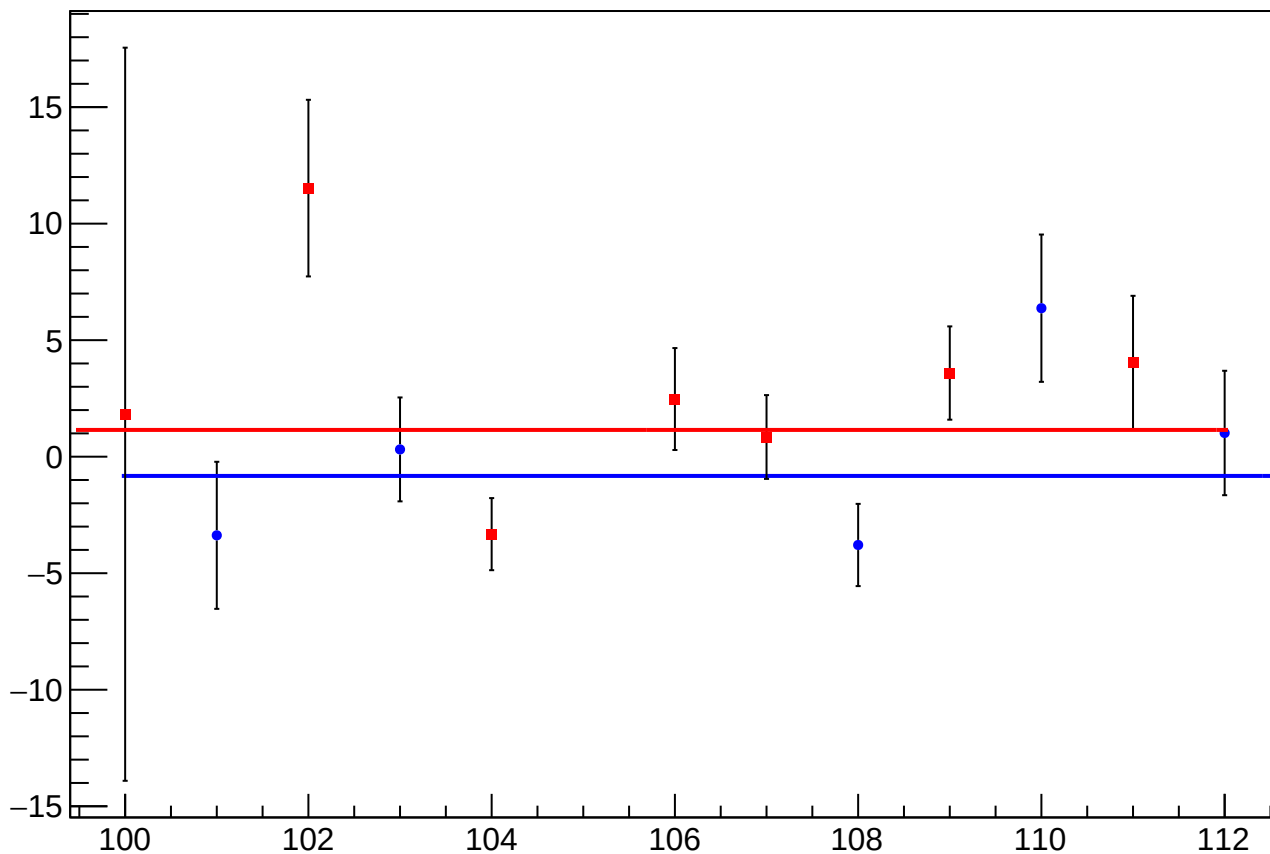
Right: -24.352 $\pm$ 0.609 χ^2 /NDF: 2596.6/11

In: -32.398 $\pm$ 0.936 χ^2 /NDF:1443.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -24.352 $\pm$ 0.609 χ^2 /NDF: 2596.6/11

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.826+/-1.076 χ^2/NDF : 9.4/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.148+/-0.851 χ^2/NDF : 18.8/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

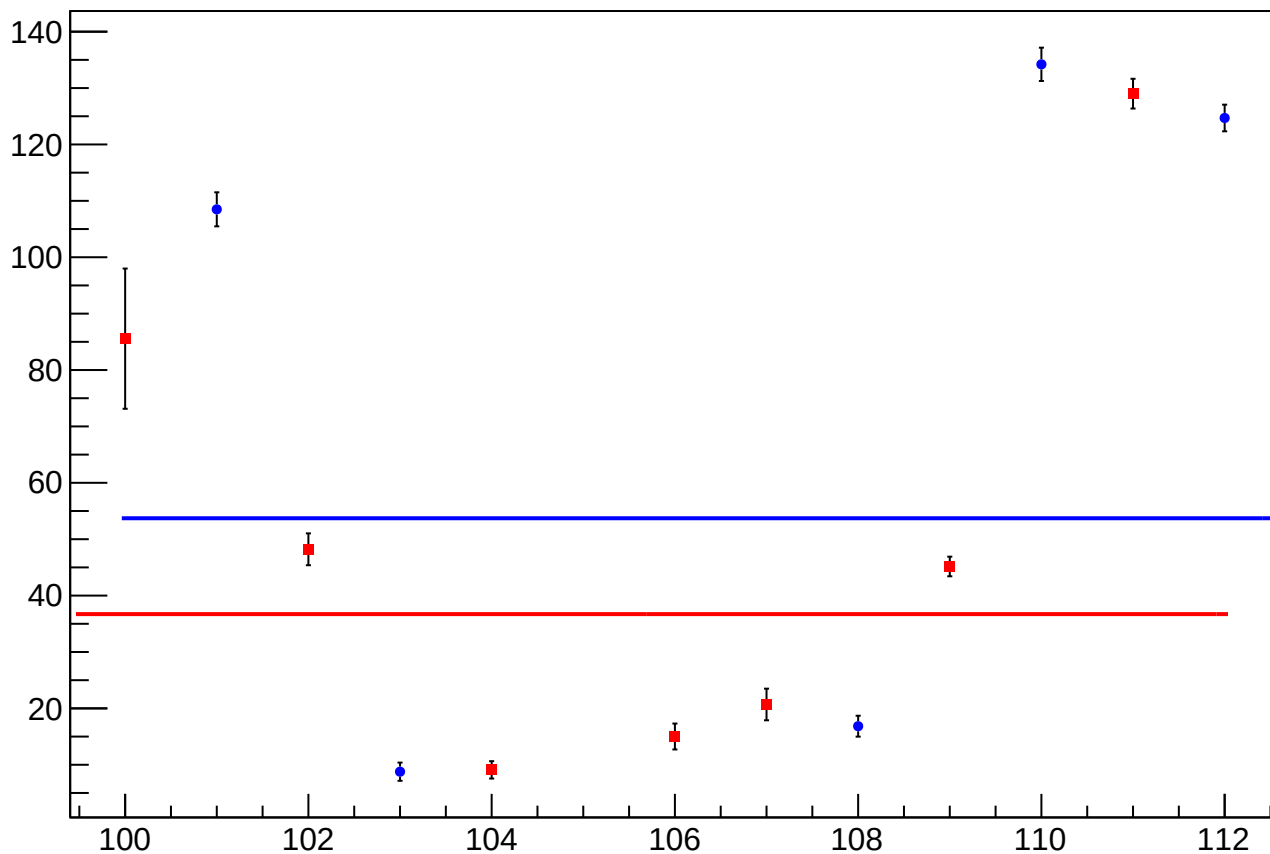
Right: 0.389+/-0.667 χ^2/NDF : 30.2/11

In: -0.826+/-1.076 χ^2/NDF :9.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.389+/-0.667 χ^2/NDF : 30.2/11

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 53.715 $\pm$ 0.963 χ^2 /NDF: 3148.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 36.717 $\pm$ 0.862 χ^2 /NDF: 1724.4/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

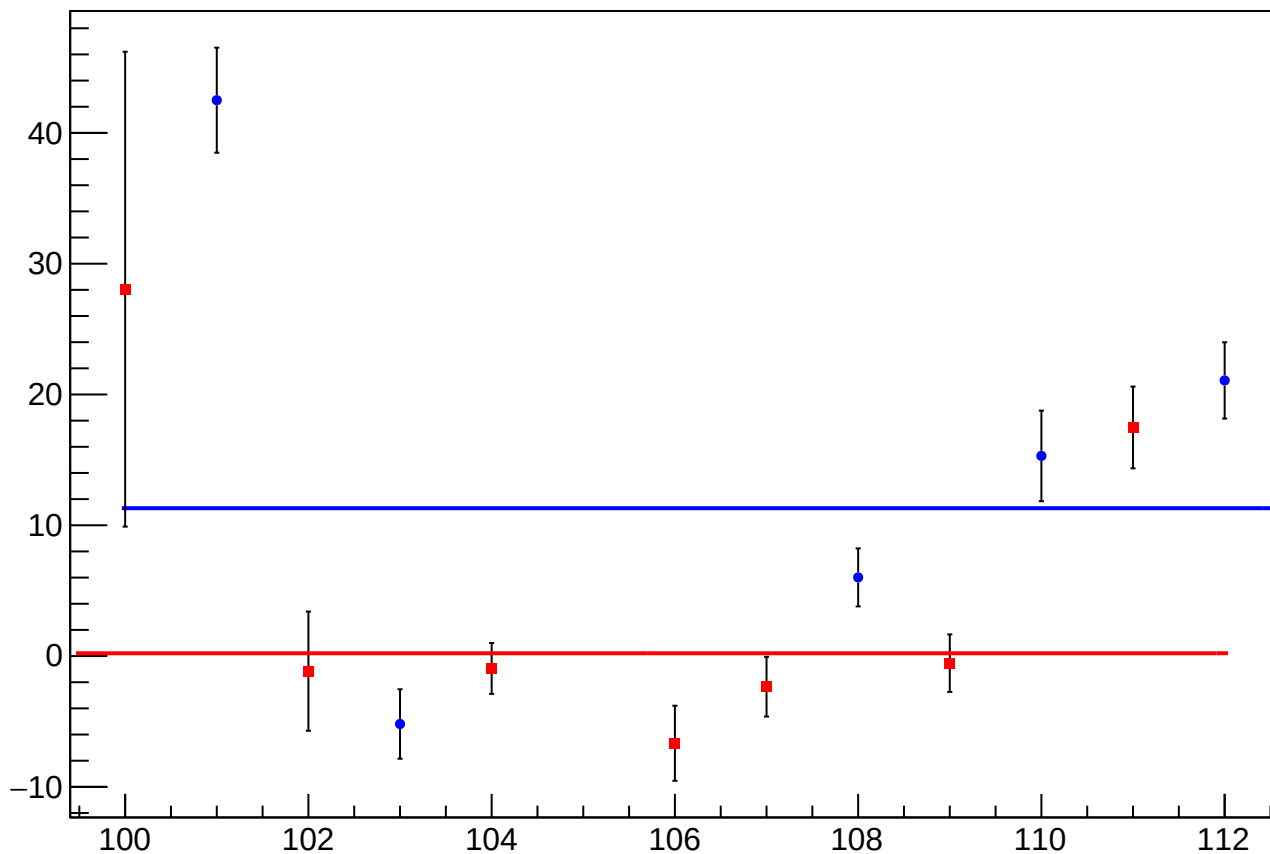
Right: 44.283 $\pm$ 0.642 χ^2 /NDF: 5045.4/11

In: 53.715 $\pm$ 0.963 χ^2 /NDF:3148.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 44.283 $\pm$ 0.642 χ^2 /NDF: 5045.4/11

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.306+/-1.283 χ^2/NDF : 117.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.214+/-1.033 χ^2/NDF : 40.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

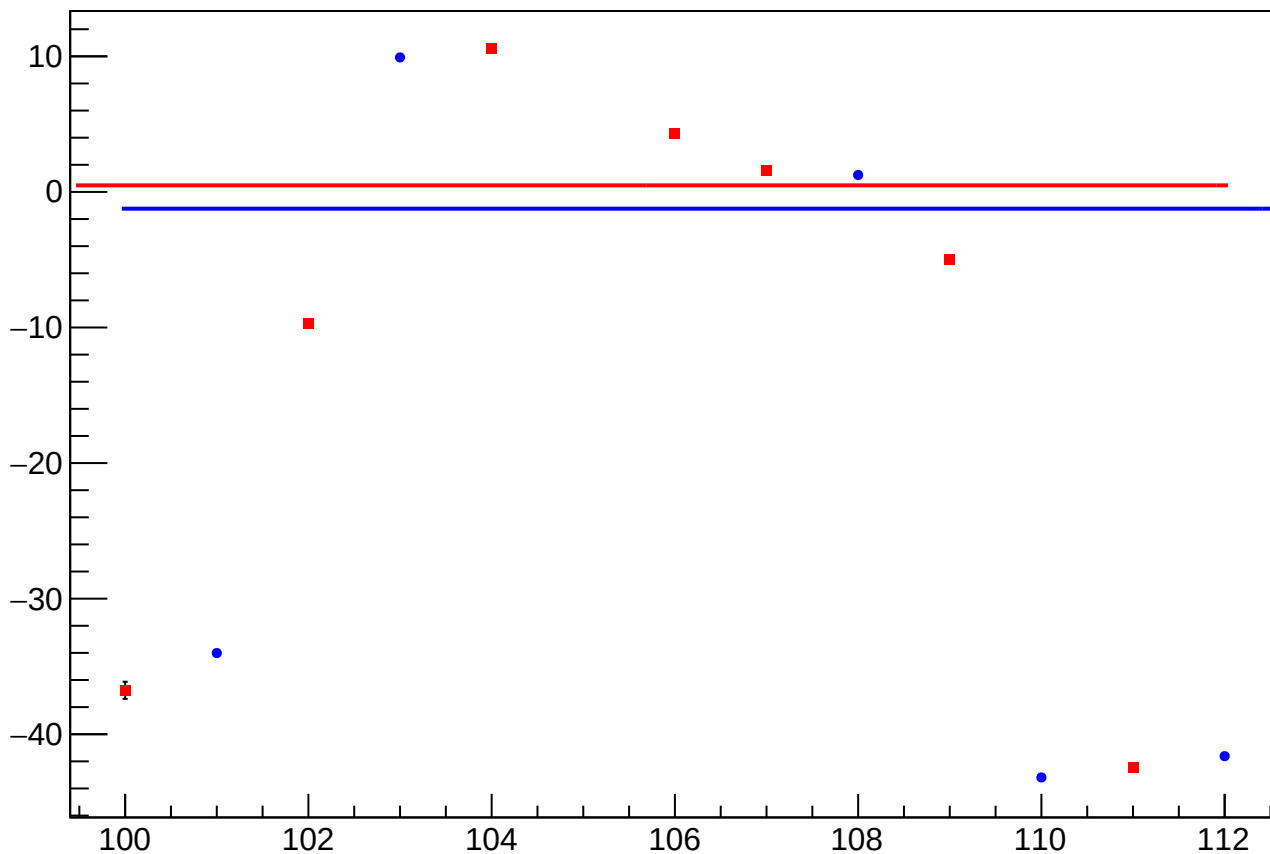
Right: 4.579+/-0.805 χ^2/NDF : 203.0/11

In: 11.306+/-1.283 χ^2/NDF : 117.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.579+/-0.805 χ^2/NDF : 203.0/11

reg_asym_us_dd_at2lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.236+/-0.046 χ^2/NDF : 138831.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.484+/-0.044 χ^2/NDF : 76368.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

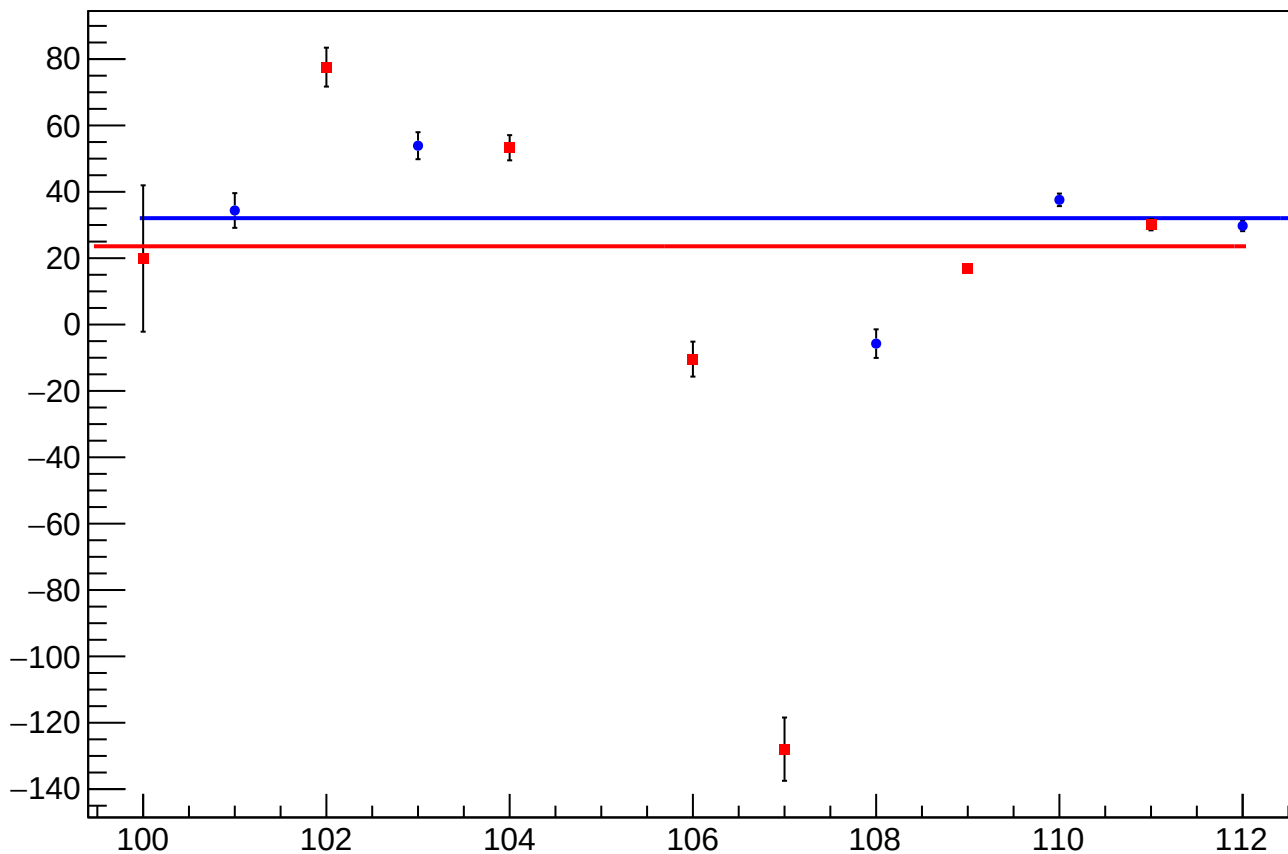
Right: -0.346+/-0.032 χ^2/NDF : 215923.6/11

In: -1.236+/-0.046 χ^2/NDF : 138831.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.346+/-0.032 χ^2/NDF : 215923.6/11

reg_asym_us_dd_atlr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 32.060+/-1.102 χ^2 /NDF: 116.6/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 23.585+/-1.039 χ^2 /NDF: 473.8/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

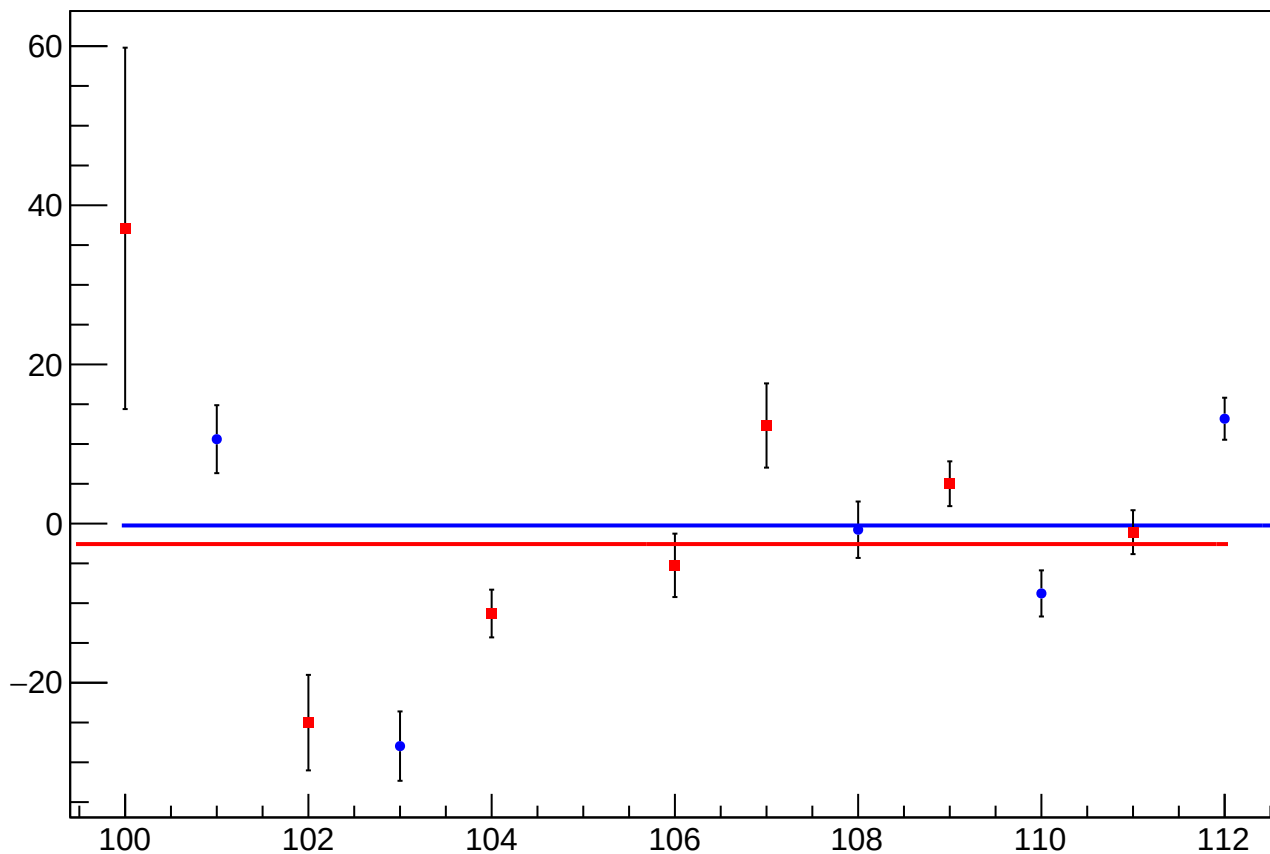
Right: 27.572+/-0.756 χ^2 /NDF: 621.8/11

In: 32.060+/-1.102 χ^2 /NDF:116.6/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 27.572+/-0.756 χ^2 /NDF: 621.8/11

reg_asym_us_dd_atlr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.236+/-1.491 χ^2/NDF : 81.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.574+/-1.418 χ^2/NDF : 41.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

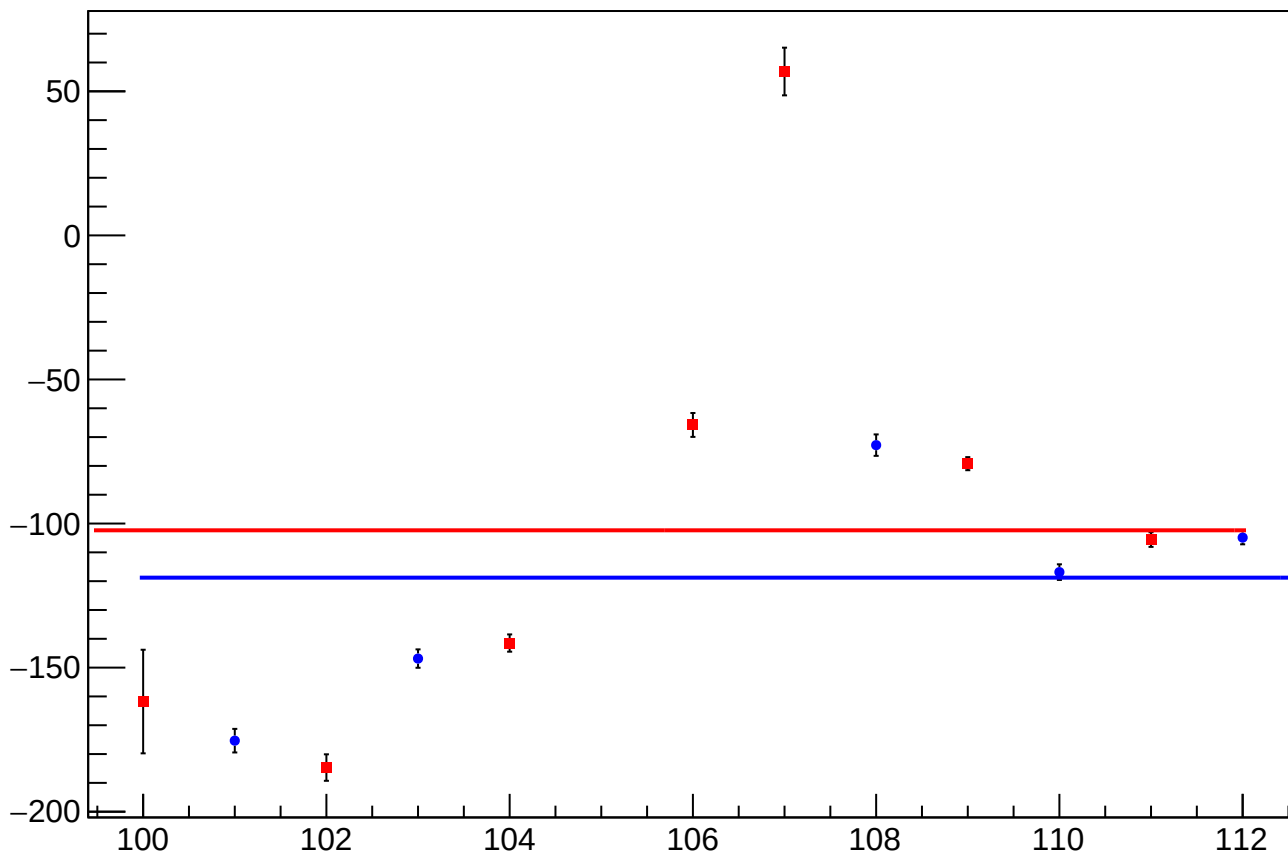
Right: -1.464+/-1.028 χ^2/NDF : 124.2/11

In: -0.236+/-1.491 χ^2/NDF : 81.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.464+/-1.028 χ^2/NDF : 124.2/11

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -118.779+/-1.349 χ^2 /NDF: 457.3/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -102.350+/-1.309 χ^2 /NDF: 1056.0/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

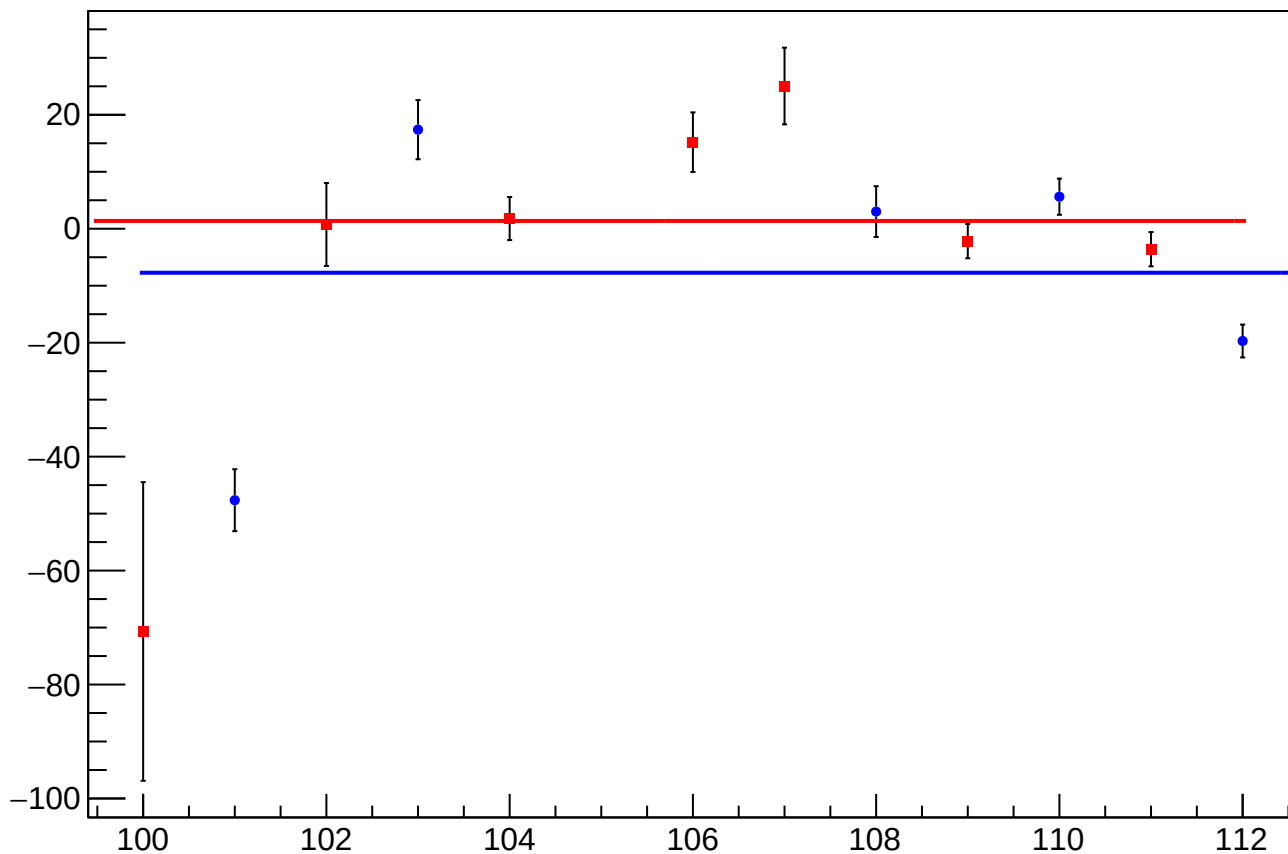
Right: -110.316+/-0.939 χ^2 /NDF: 1589.8/11

In: -118.779+/-1.349 χ^2 /NDF:457.3/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -110.316+/-0.939 χ^2 /NDF: 1589.8/11

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -7.721+/-1.714 χ^2/NDF : 118.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.372+/-1.644 χ^2/NDF : 31.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

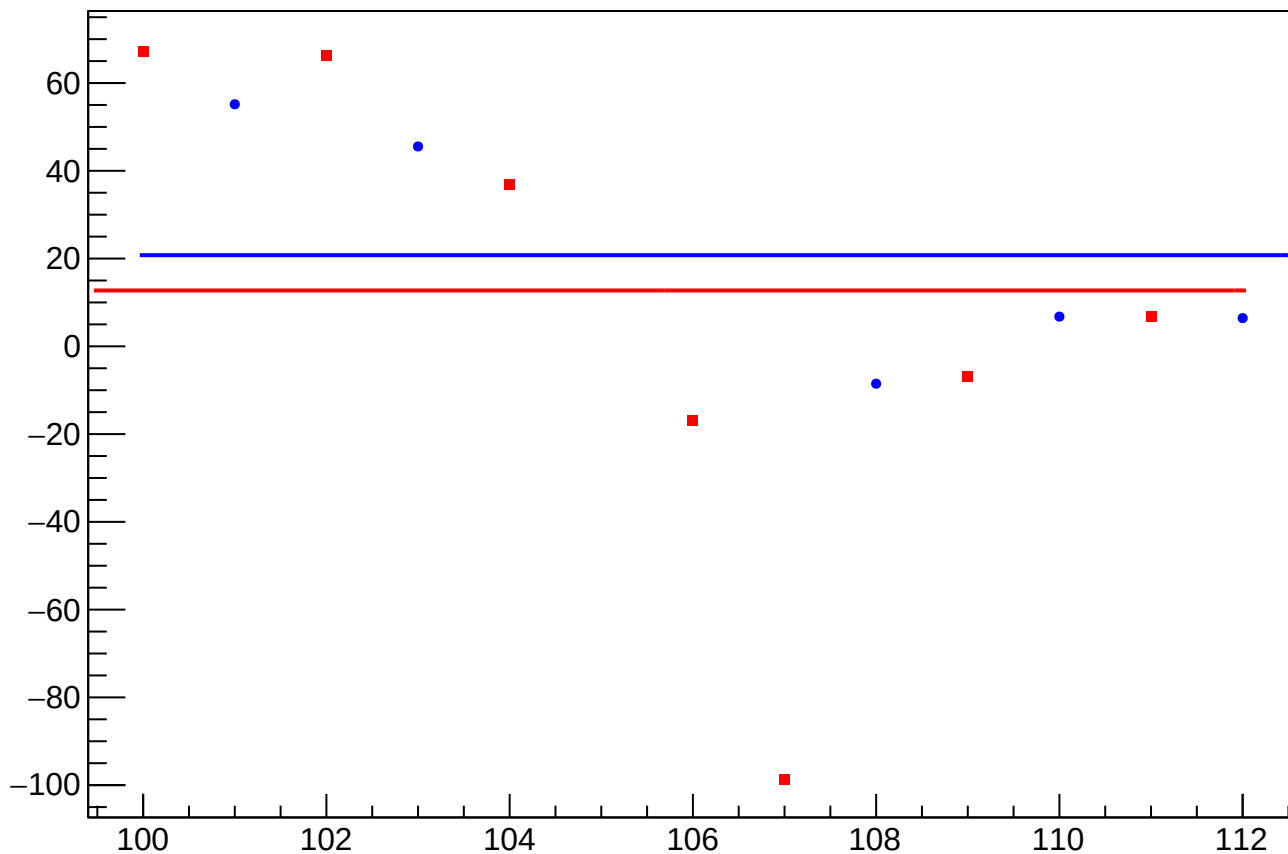
Right: -2.986+/-1.186 χ^2/NDF : 163.7/11

In: -7.721+/-1.714 χ^2/NDF : 118.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.986+/-1.186 χ^2/NDF : 163.7/11

reg_asym_us_dd_atlr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 20.772 $\pm$ 0.078 χ^2 /NDF: 101736.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 12.730 $\pm$ 0.077 χ^2 /NDF: 249646.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

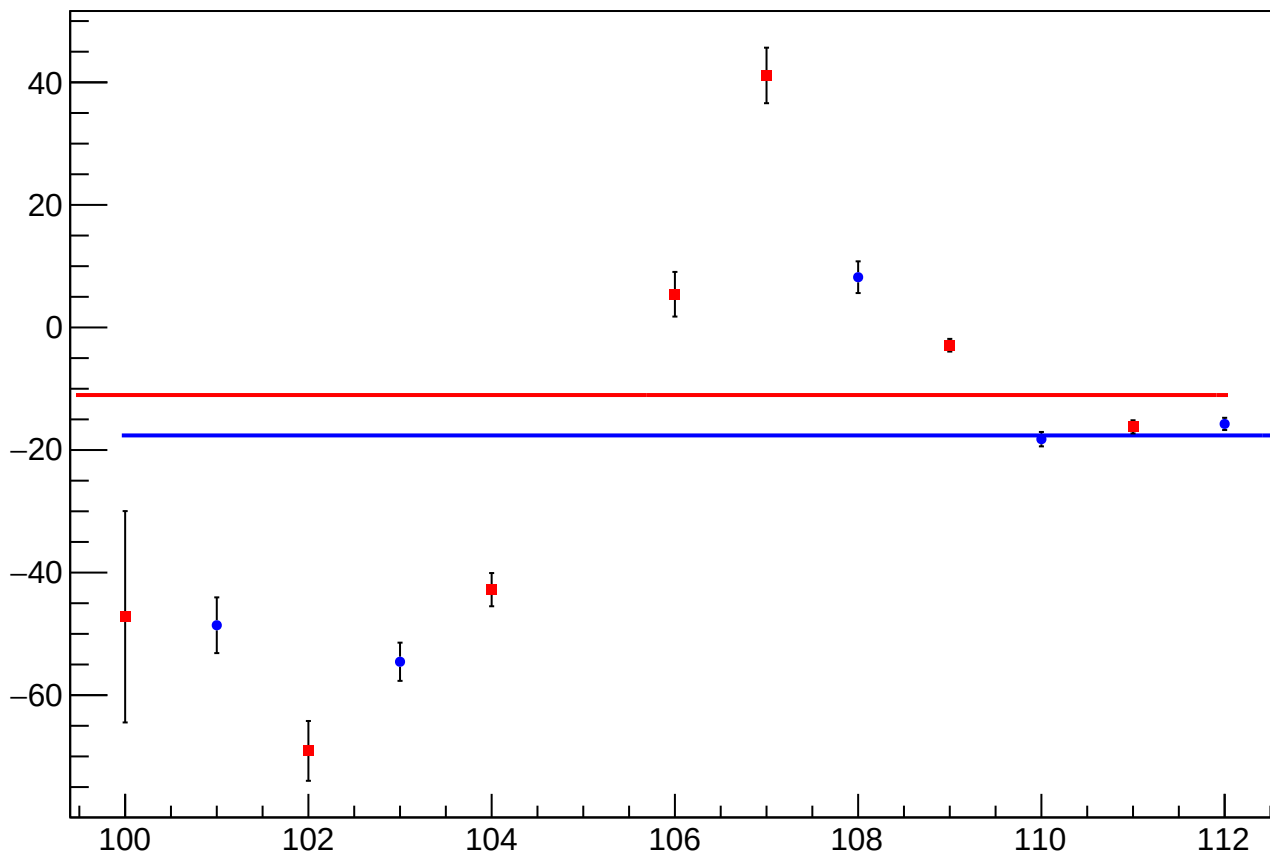
Right: 16.711 $\pm$ 0.055 χ^2 /NDF: 356810.1/11

In: 20.772 $\pm$ 0.078 χ^2 /NDF:101736.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 16.711 $\pm$ 0.055 χ^2 /NDF: 356810.1/11

reg_asym_us_dd_atlr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -17.619 $\pm$ 0.702 χ^2 /NDF: 290.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -11.026 $\pm$ 0.689 χ^2 /NDF: 521.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

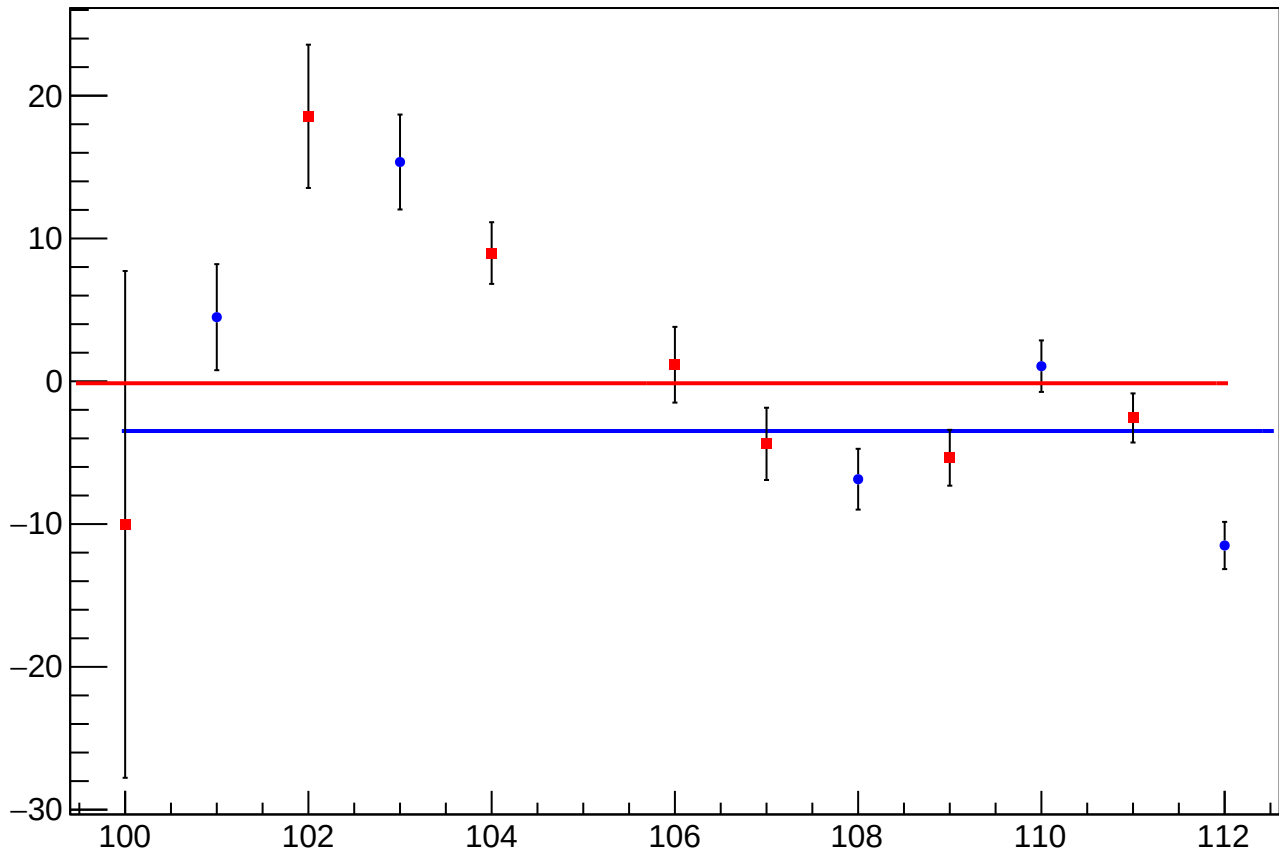
Right: -14.262 $\pm$ 0.492 χ^2 /NDF: 856.0/11

In: -17.619 $\pm$ 0.702 χ^2 /NDF:290.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -14.262 $\pm$ 0.492 χ^2 /NDF: 856.0/11

reg_asym_us_dd_atlr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.482+/-0.973 χ^2/NDF : 69.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.139+/-0.930 χ^2/NDF : 44.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

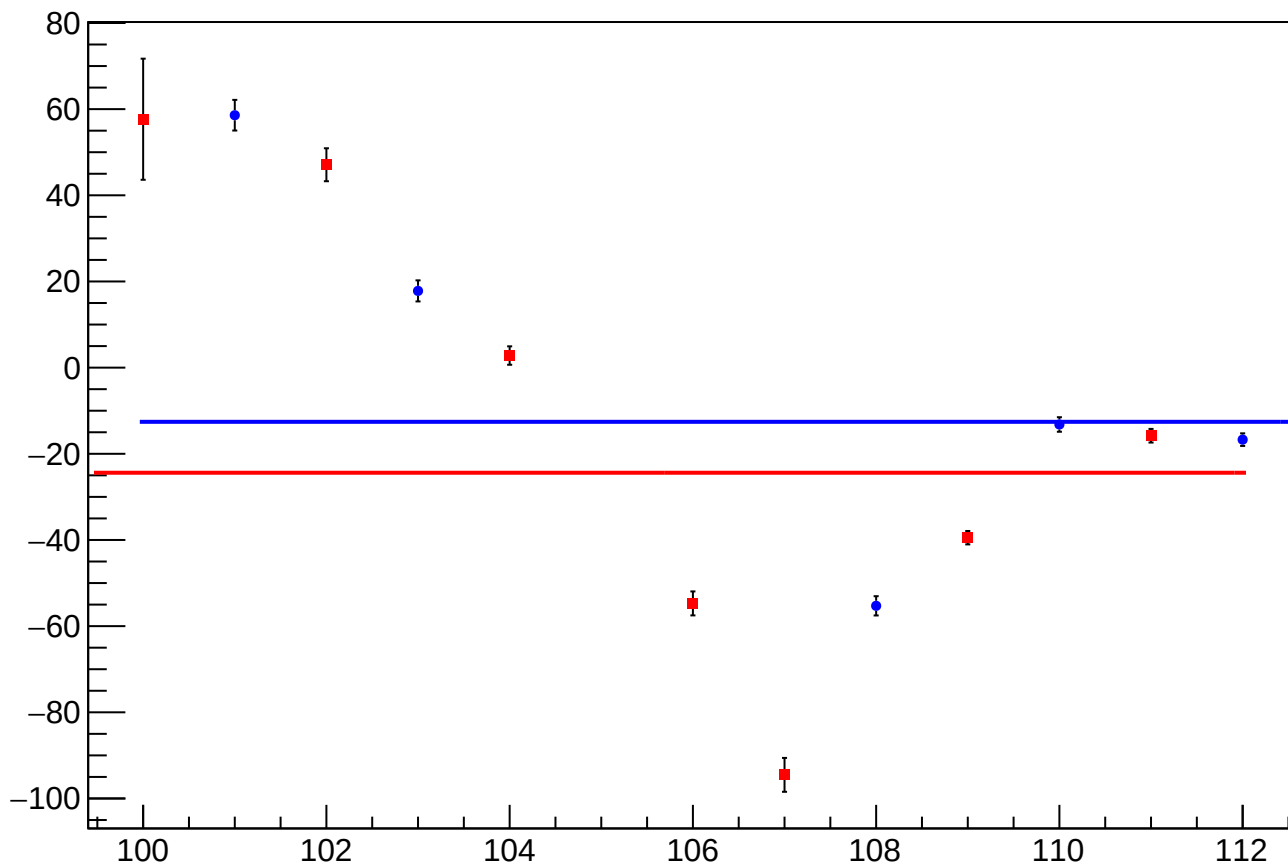
Right: -1.736+/-0.672 χ^2/NDF : 119.5/11

In: -3.482+/-0.973 χ^2/NDF : 69.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.736+/-0.672 χ^2/NDF : 119.5/11

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -12.576 $\pm$ 0.889 χ^2 /NDF: 927.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -24.396 $\pm$ 0.877 χ^2 /NDF: 1105.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

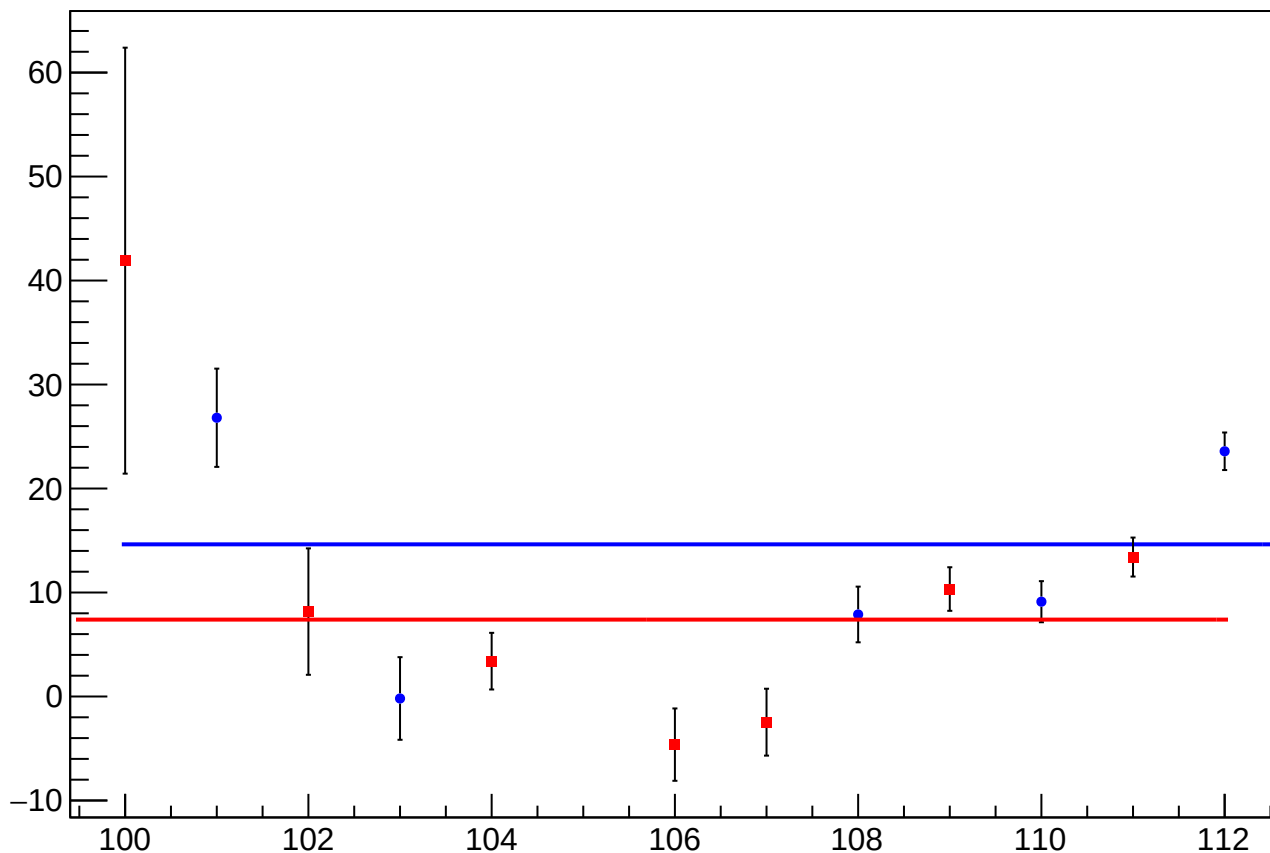
Right: -18.560 $\pm$ 0.624 χ^2 /NDF: 2122.4/11

In: -12.576 $\pm$ 0.889 χ^2 /NDF:927.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -18.560 $\pm$ 0.624 χ^2 /NDF: 2122.4/11

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 14.632+/-1.111 χ^2/NDF : 59.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.394+/-1.081 χ^2/NDF : 38.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

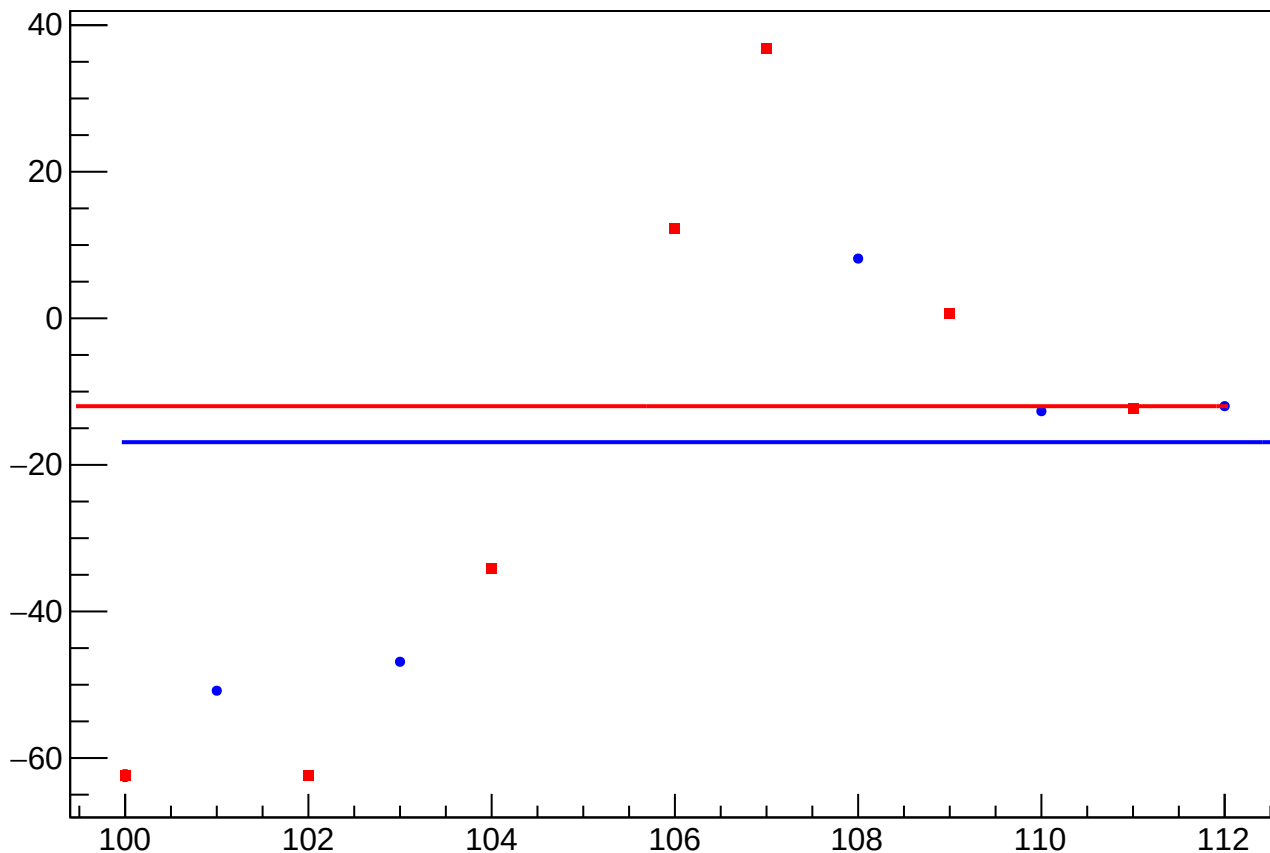
Right: 10.915+/-0.775 χ^2/NDF : 119.7/11

In: 14.632+/-1.111 χ^2/NDF : 59.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.915+/-0.775 χ^2/NDF : 119.7/11

reg_asym_us_dd_atlr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.901 $\pm$ 0.052 χ^2 /NDF: 189403.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -11.990 $\pm$ 0.052 χ^2 /NDF: 276452.2/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

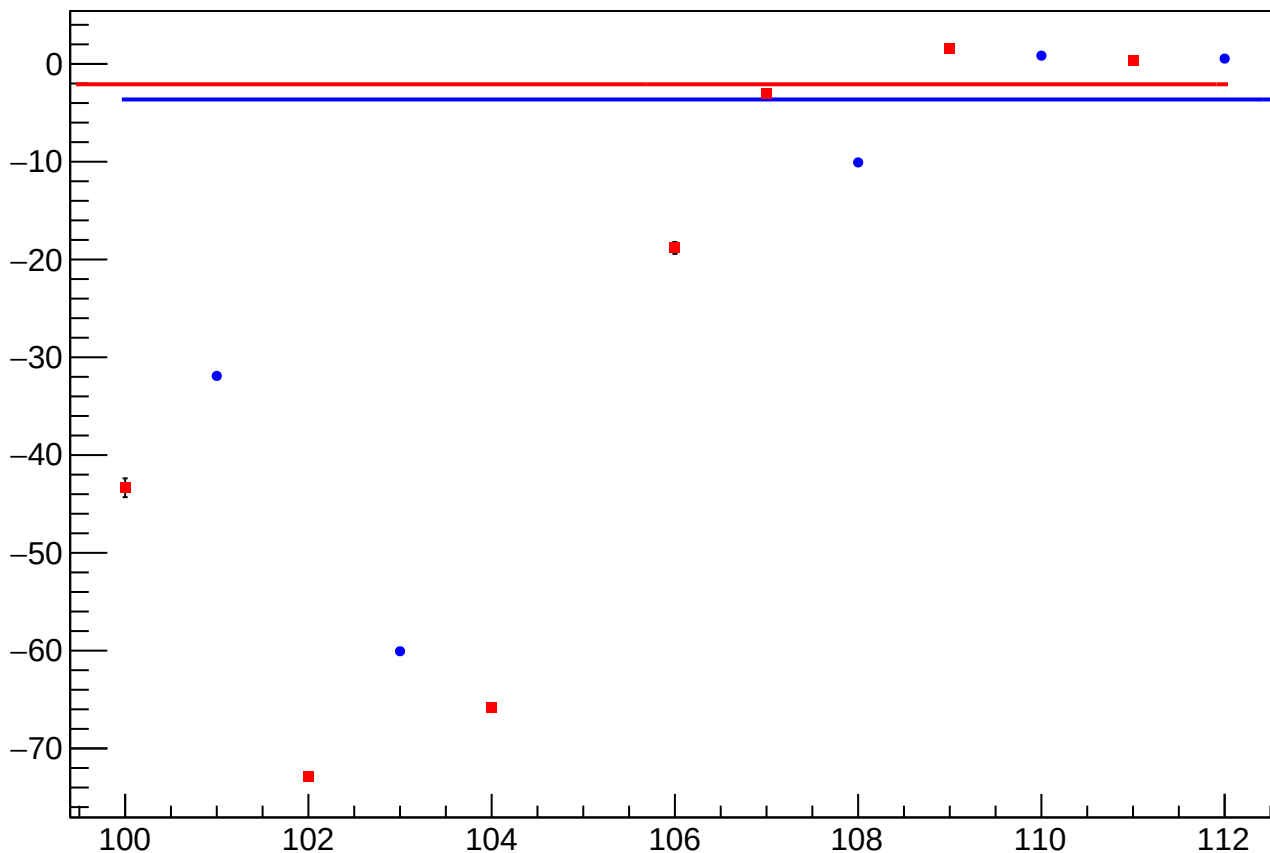
Right: -14.453 $\pm$ 0.037 χ^2 /NDF: 470247.4/11

In: -16.901 $\pm$ 0.052 χ^2 /NDF:189403.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -14.453 $\pm$ 0.037 χ^2 /NDF: 470247.4/11

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.635 $\pm$ 0.076 χ^2 /NDF: 29240.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.082 $\pm$ 0.065 χ^2 /NDF: 46768.1/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

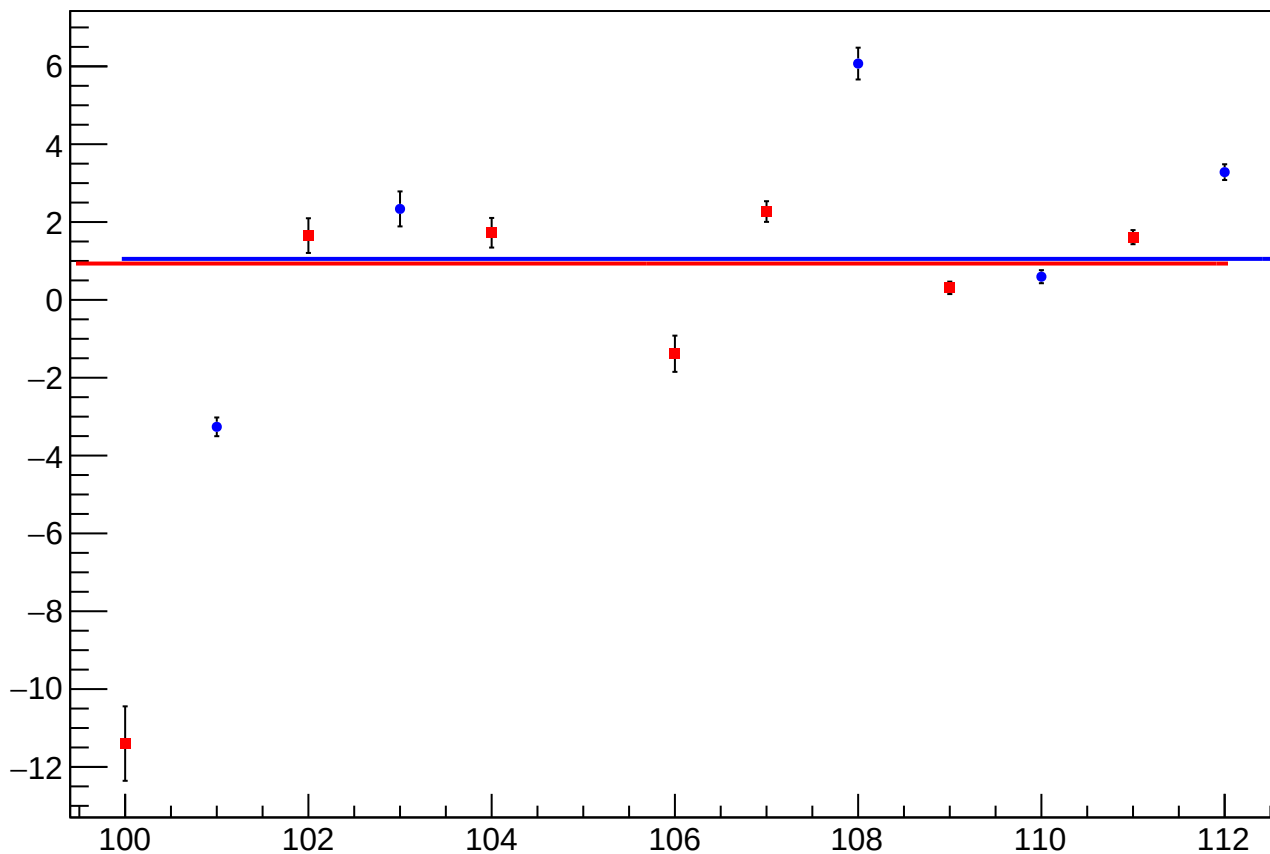
Right: -2.732 $\pm$ 0.049 χ^2 /NDF: 76248.6/11

In: -3.635 $\pm$ 0.076 χ^2 /NDF:29240.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.732 $\pm$ 0.049 χ^2 /NDF: 76248.6/11

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.053+/-0.107 χ^2/NDF : 609.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.934+/-0.099 χ^2/NDF : 252.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

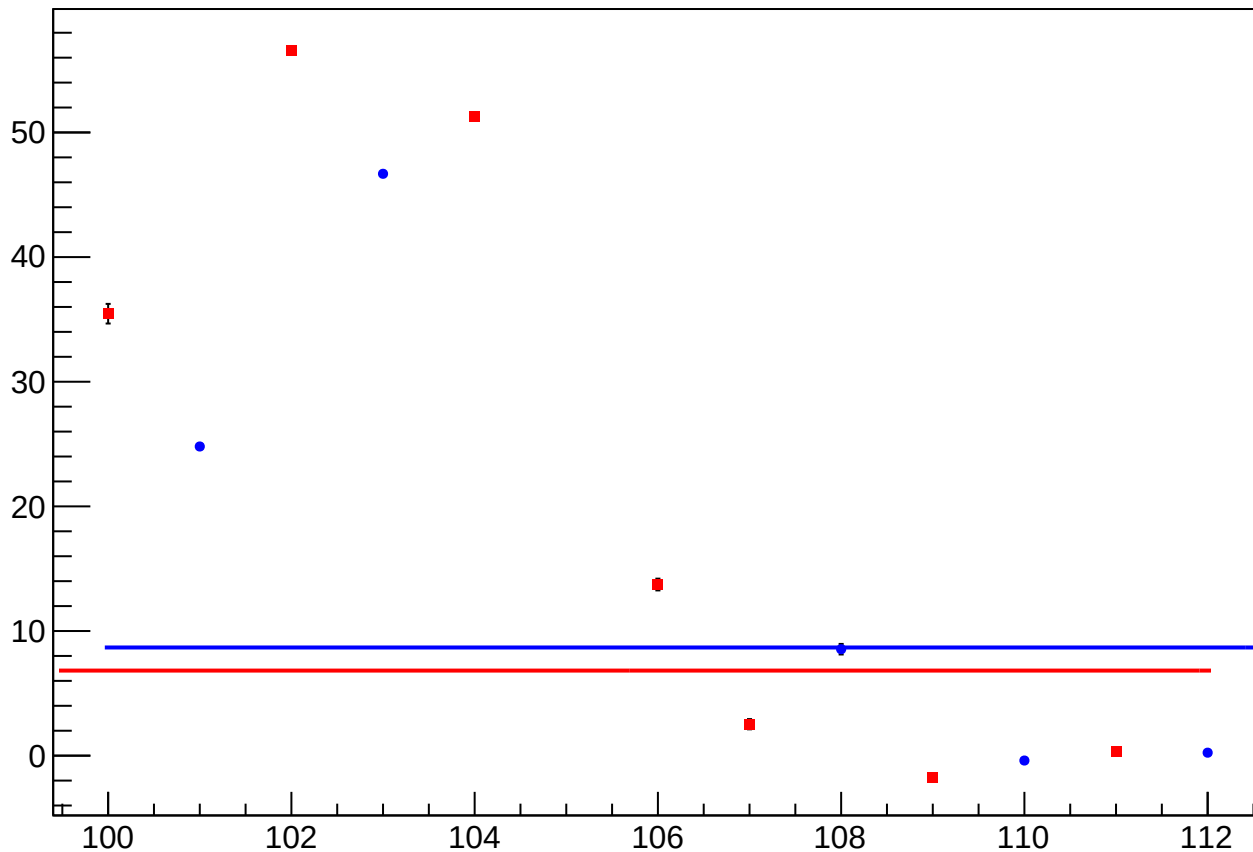
Right: 0.989+/-0.073 χ^2/NDF : 862.7/11

In: 1.053+/-0.107 χ^2/NDF : 609.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.989+/-0.073 χ^2/NDF : 862.7/11

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 8.679+/-0.098 χ^2/NDF : 23007.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.826+/-0.090 χ^2/NDF : 40935.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

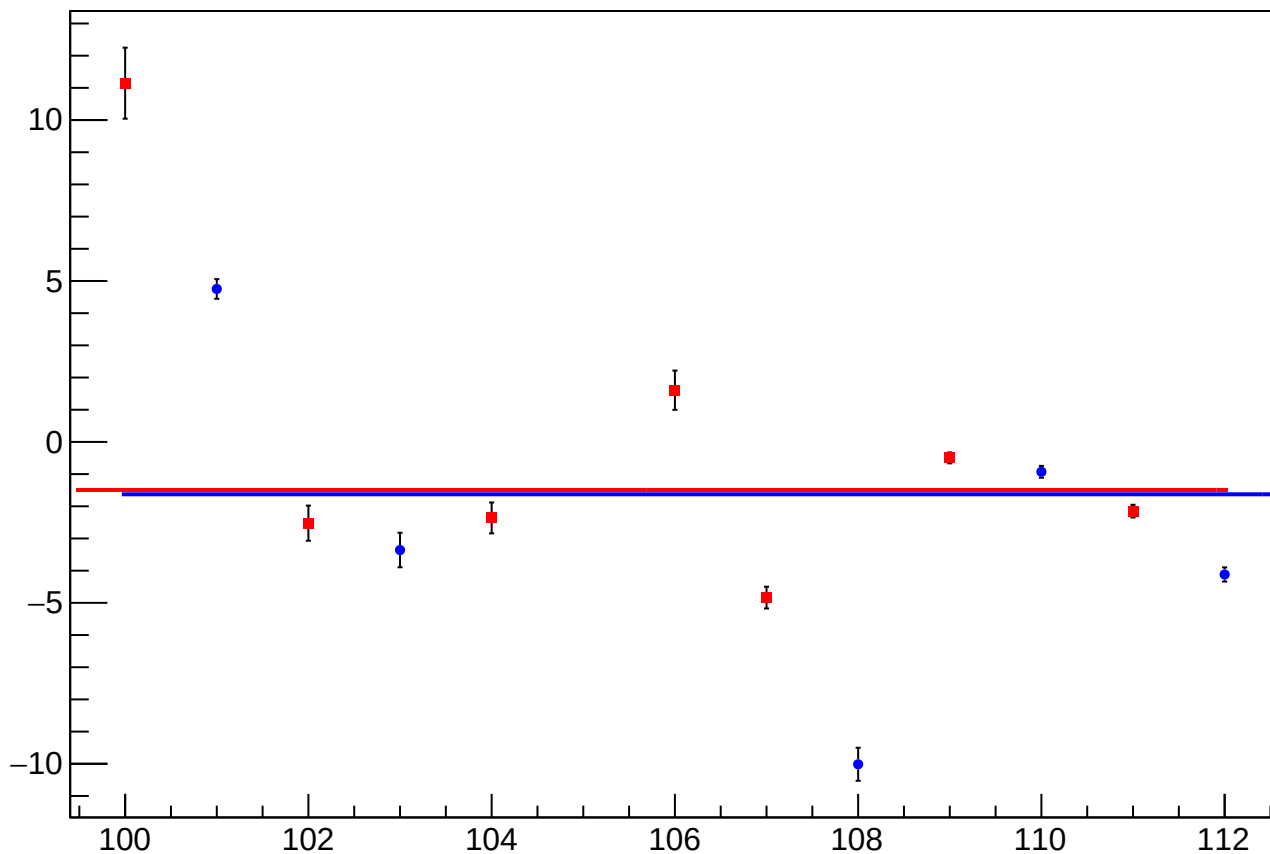
Right: 7.677+/-0.066 χ^2/NDF : 64138.5/11

In: 8.679+/-0.098 χ^2/NDF : 23007.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.677+/-0.066 χ^2/NDF : 64138.5/11

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.627+/-0.121 χ^2 /NDF: 854.6/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1.493+/-0.111 χ^2 /NDF: 307.7/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

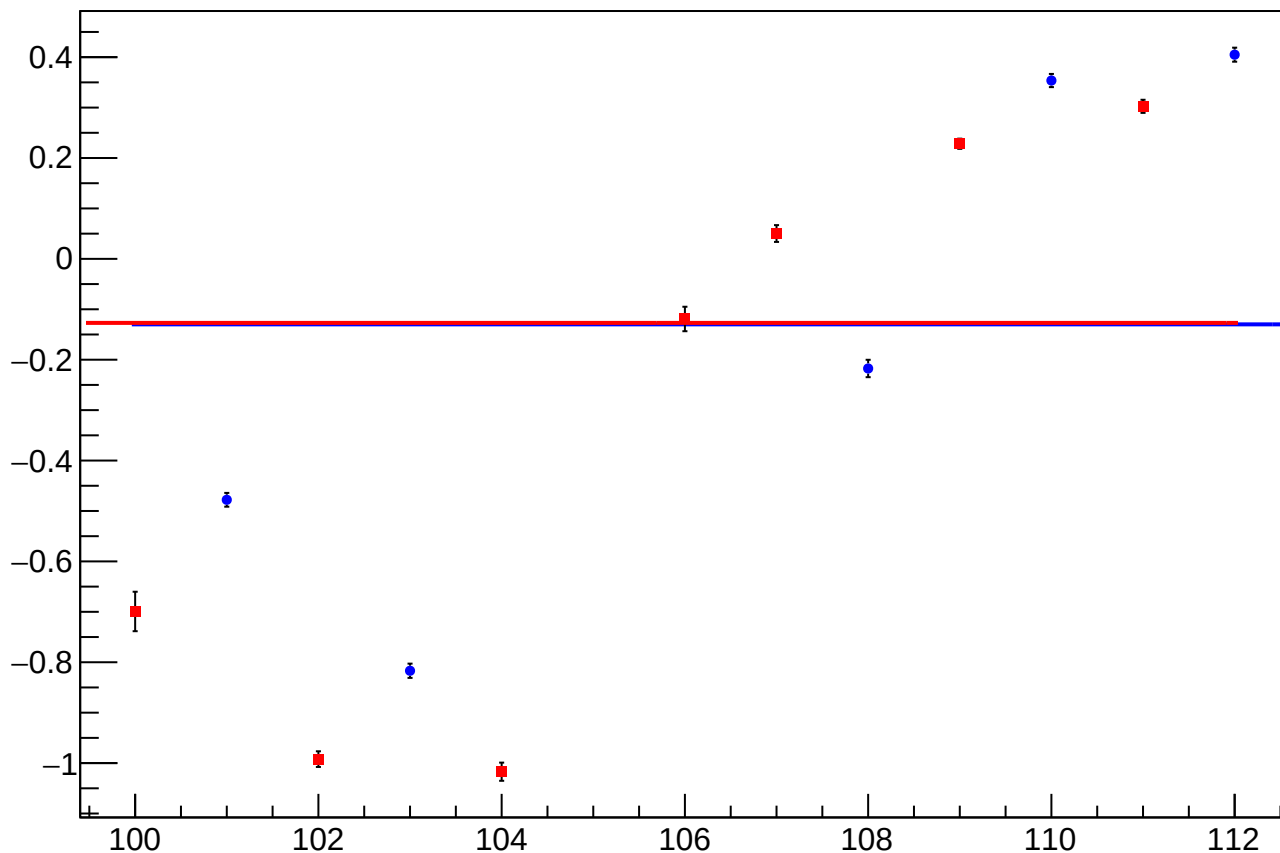
Right: -1.554+/-0.082 χ^2 /NDF: 1162.9/11

In: -1.627+/-0.121 χ^2 /NDF:854.6/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1.554+/-0.082 χ^2 /NDF: 1162.9/11

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.130 ± 0.006 $\chi^2/\text{NDF}: 5877.1/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.127 ± 0.006 $\chi^2/\text{NDF}: 8197.2/6$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

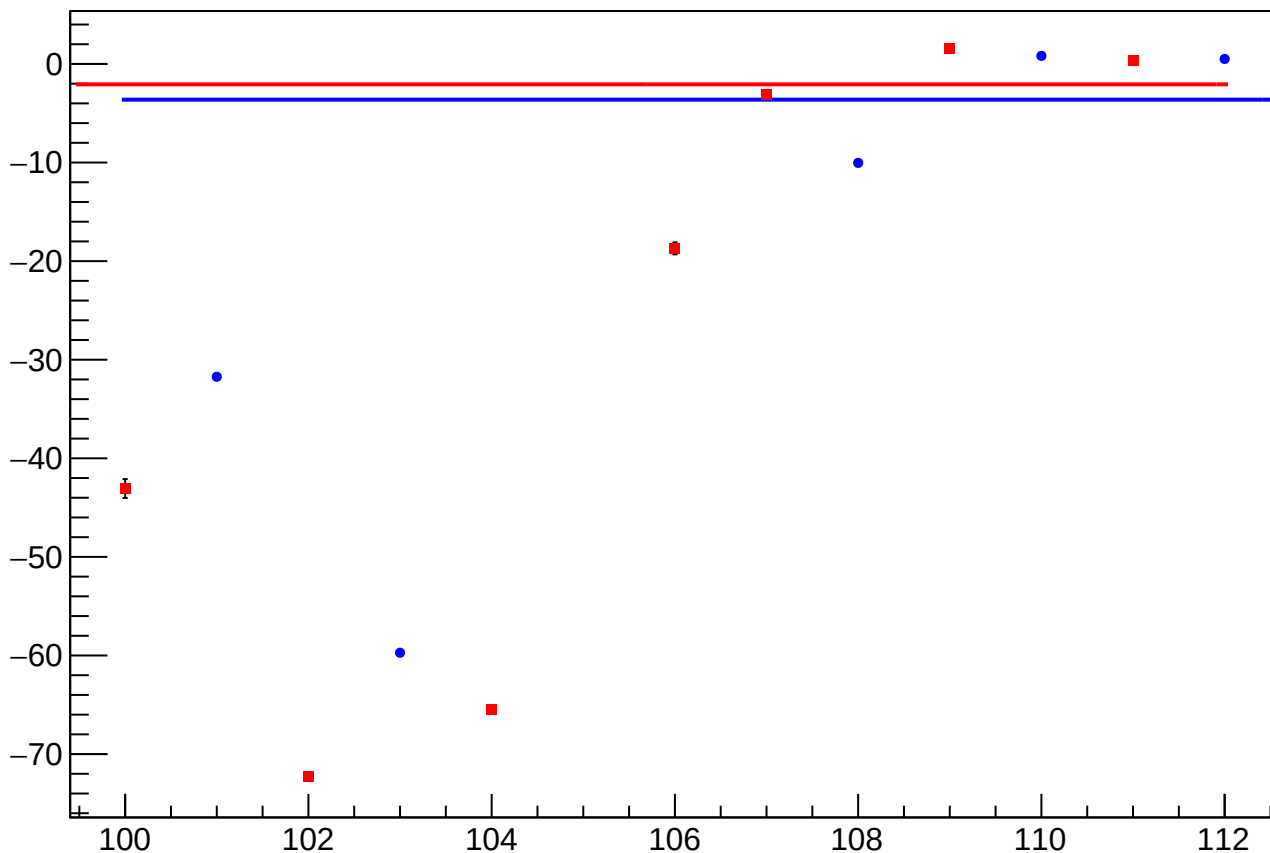
Right: -0.128 ± 0.004 $\chi^2/\text{NDF}: 14074.4/11$

In: -0.130 ± 0.006 $\chi^2/\text{NDF}: 5877.1/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.128 ± 0.004 $\chi^2/\text{NDF}: 14074.4/11$

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.619+/-0.076 χ^2/NDF : 29198.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.070+/-0.064 χ^2/NDF : 46735.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

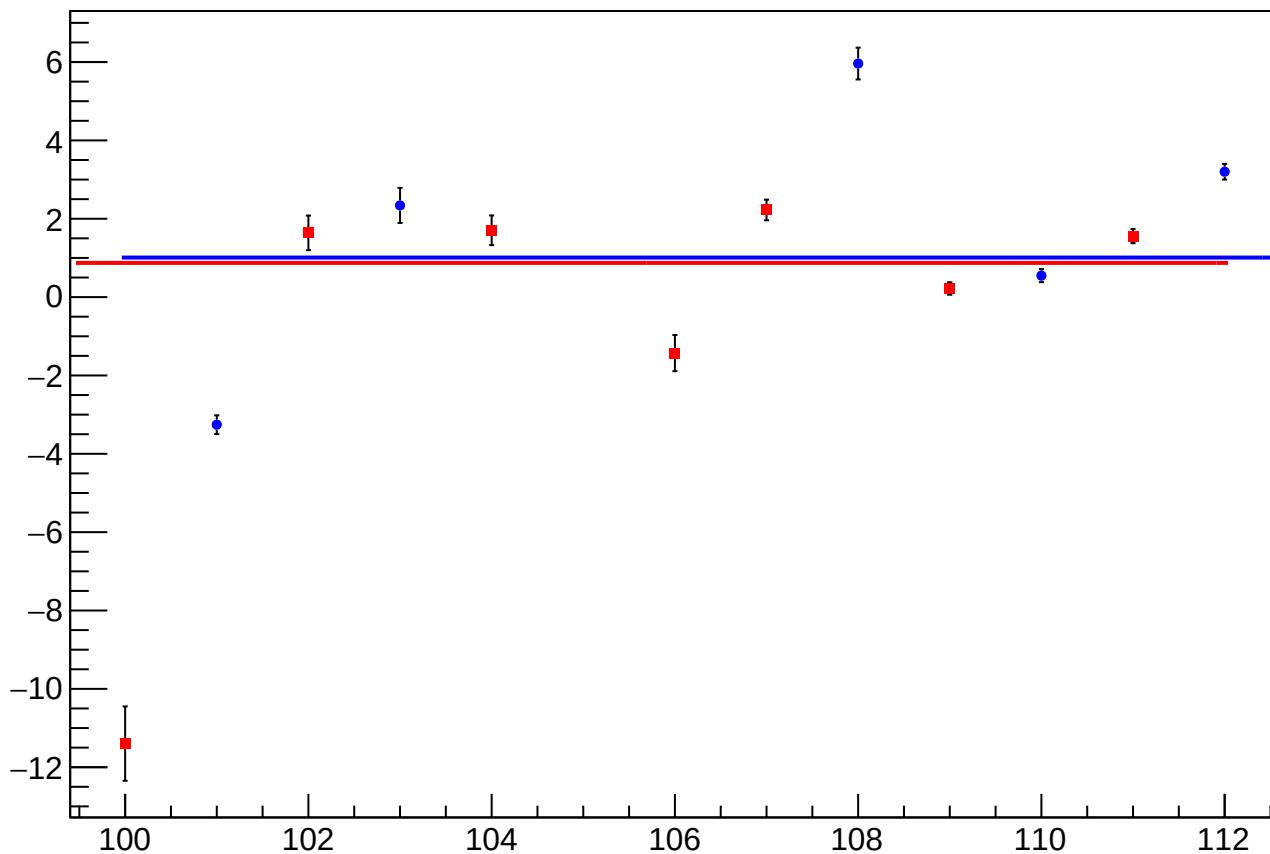
Right: -2.718+/-0.049 χ^2/NDF : 76176.3/11

In: -3.619+/-0.076 χ^2/NDF : 29198.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.718+/-0.049 χ^2/NDF : 76176.3/11

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.009+/-0.106 χ^2/NDF : 602.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.873+/-0.099 χ^2/NDF : 257.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

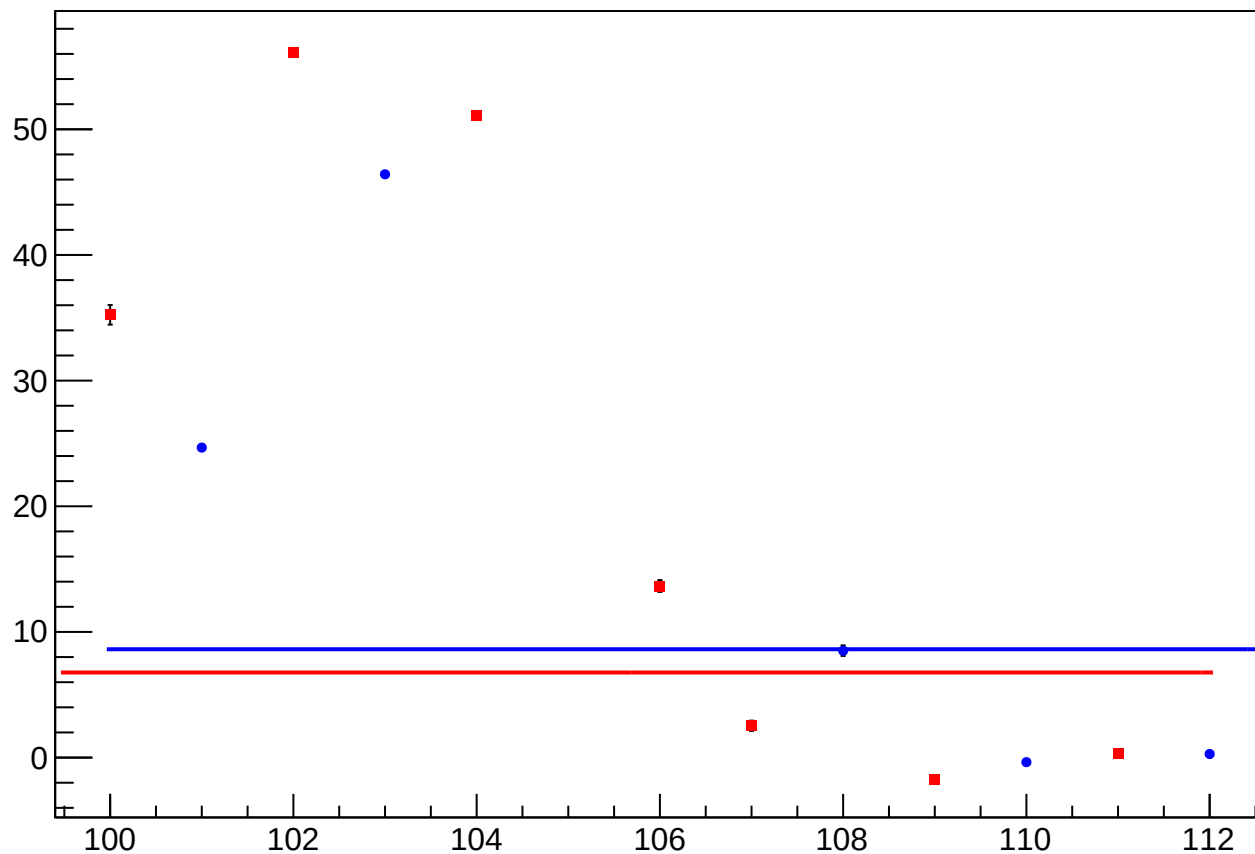
Right: 0.936+/-0.072 χ^2/NDF : 861.2/11

In: 1.009+/-0.106 χ^2/NDF : 602.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.936+/-0.072 χ^2/NDF : 861.2/11

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 8.622+/-0.097 χ^2/NDF : 22975.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.773+/-0.089 χ^2/NDF : 40912.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

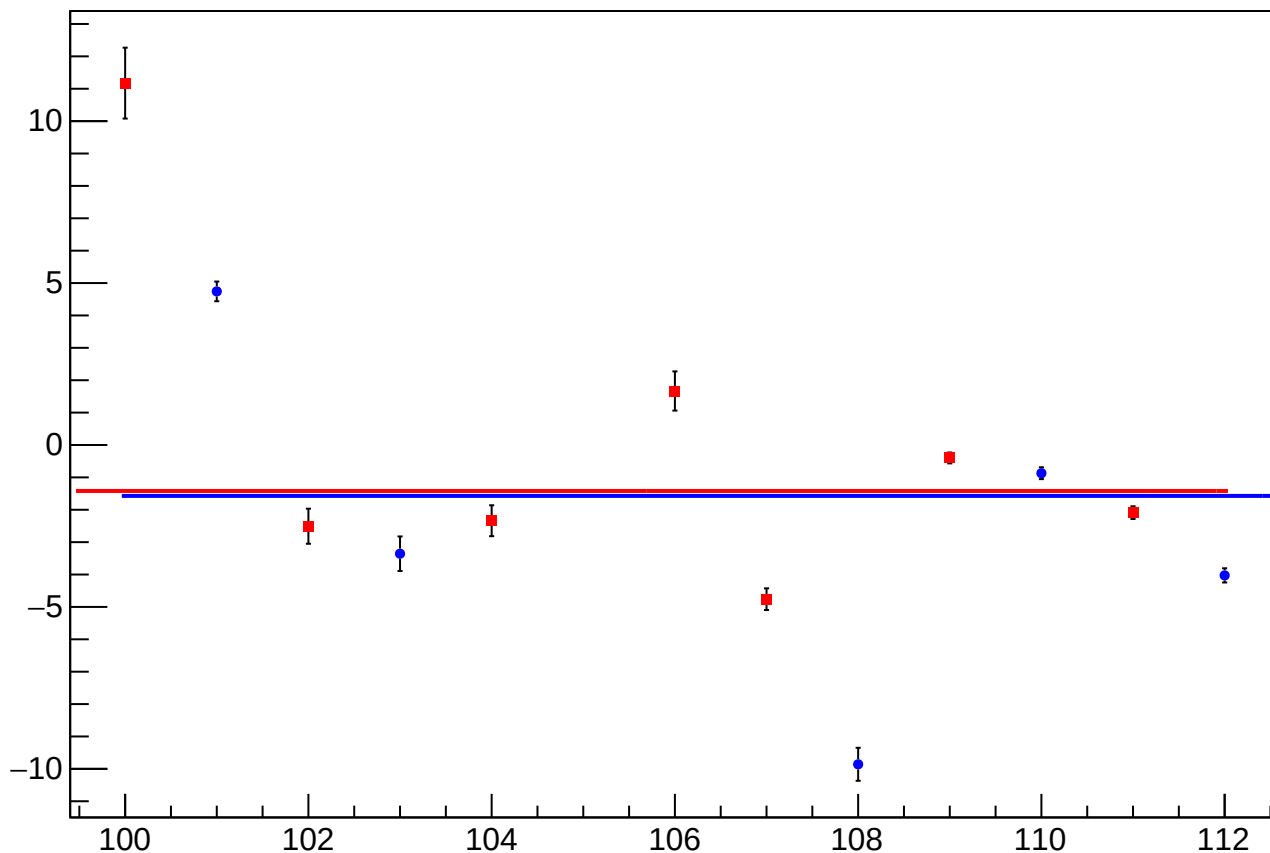
Right: 7.621+/-0.066 χ^2/NDF : 64085.1/11

In: 8.622+/-0.097 χ^2/NDF : 22975.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.621+/-0.066 χ^2/NDF : 64085.1/11

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.572+/-0.120 χ^2 /NDF: 847.2/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1.419+/-0.111 χ^2 /NDF: 314.2/6

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

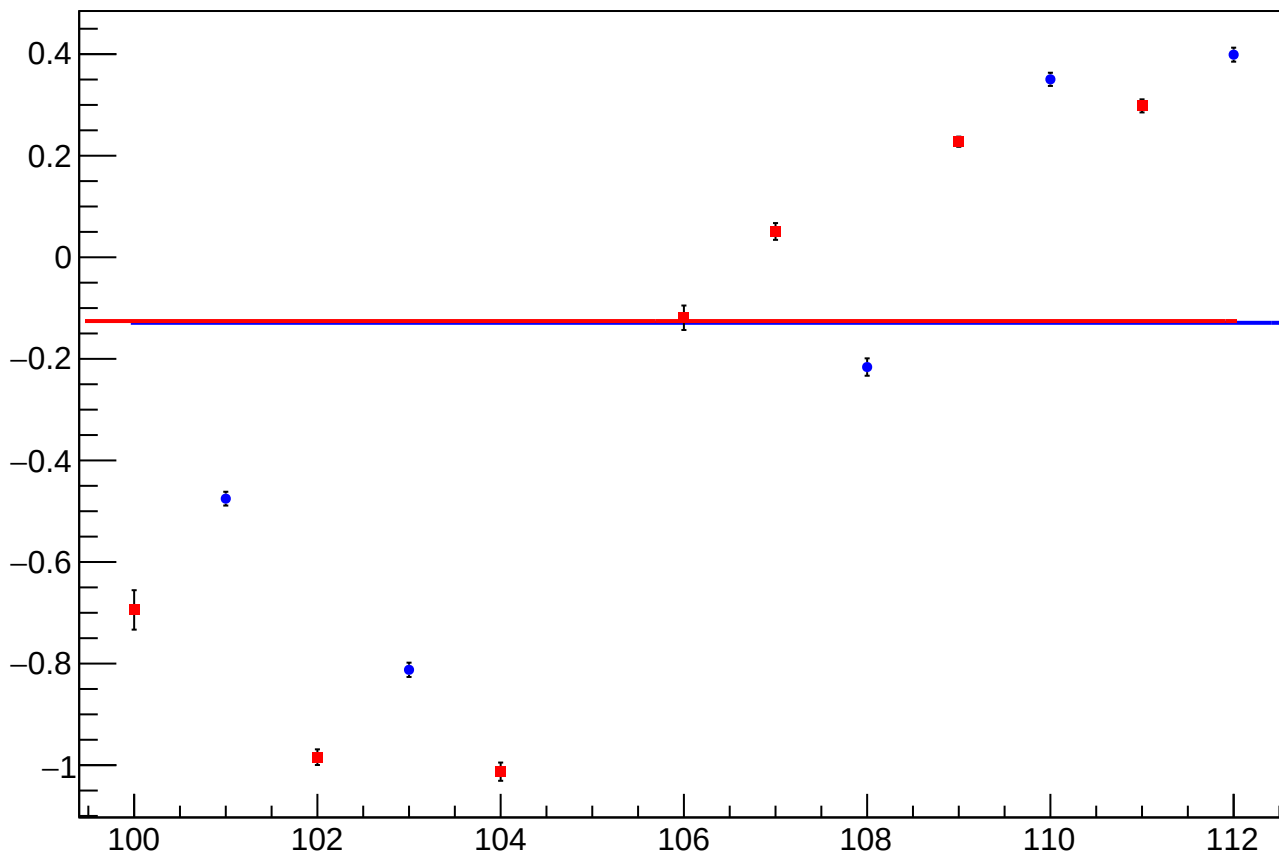
Right: -1.489+/-0.081 χ^2 /NDF: 1162.2/11

In: -1.572+/-0.120 χ^2 /NDF:847.2/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1.489+/-0.081 χ^2 /NDF: 1162.2/11

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.129 ± 0.006 χ^2/NDF : 5860.4/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.126 ± 0.006 χ^2/NDF : 8197.0/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

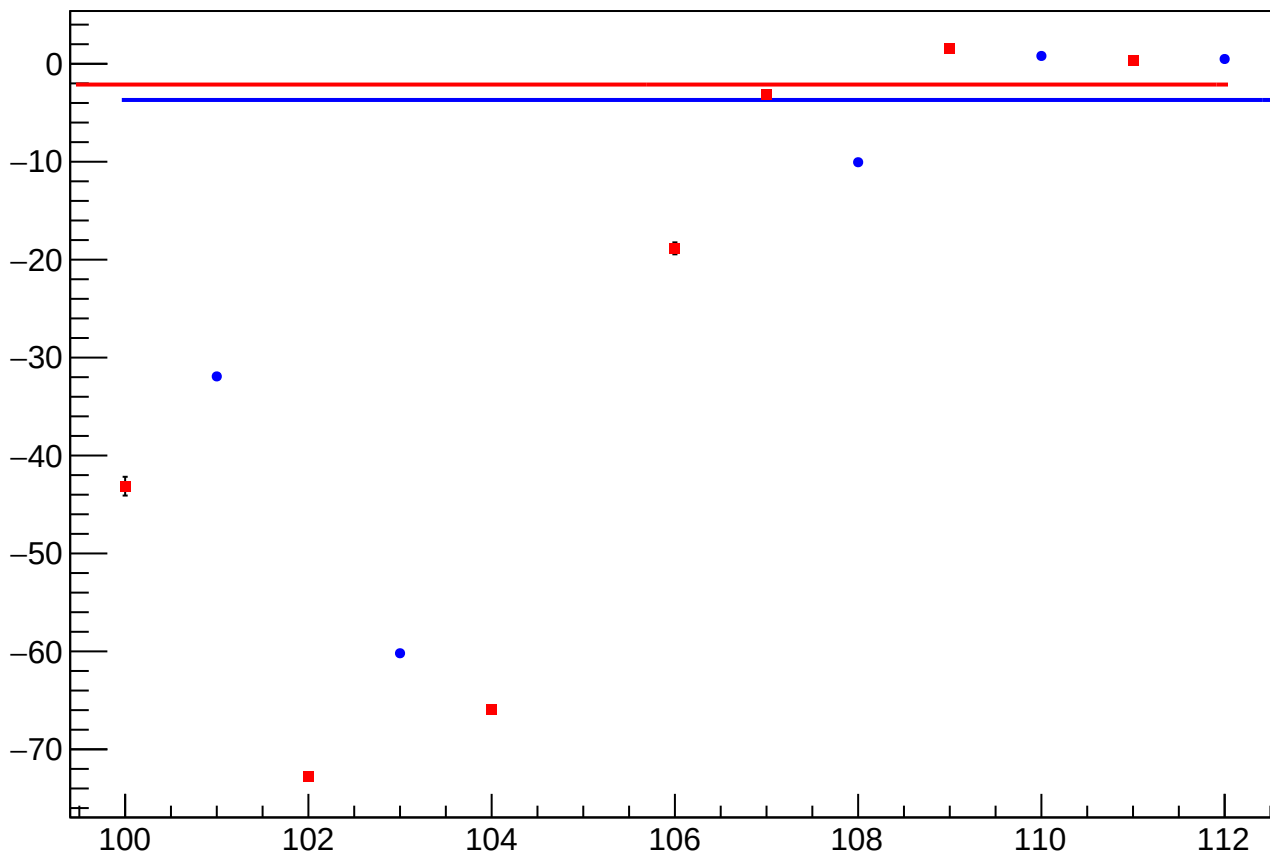
Right: -0.127 ± 0.004 χ^2/NDF : 14057.5/11

In: -0.129 ± 0.006 χ^2/NDF : 5860.4/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.127 ± 0.004 χ^2/NDF : 14057.5/11

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.692 $\pm$ 0.077 χ^2 /NDF: 29203.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.119 $\pm$ 0.065 χ^2 /NDF: 46714.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

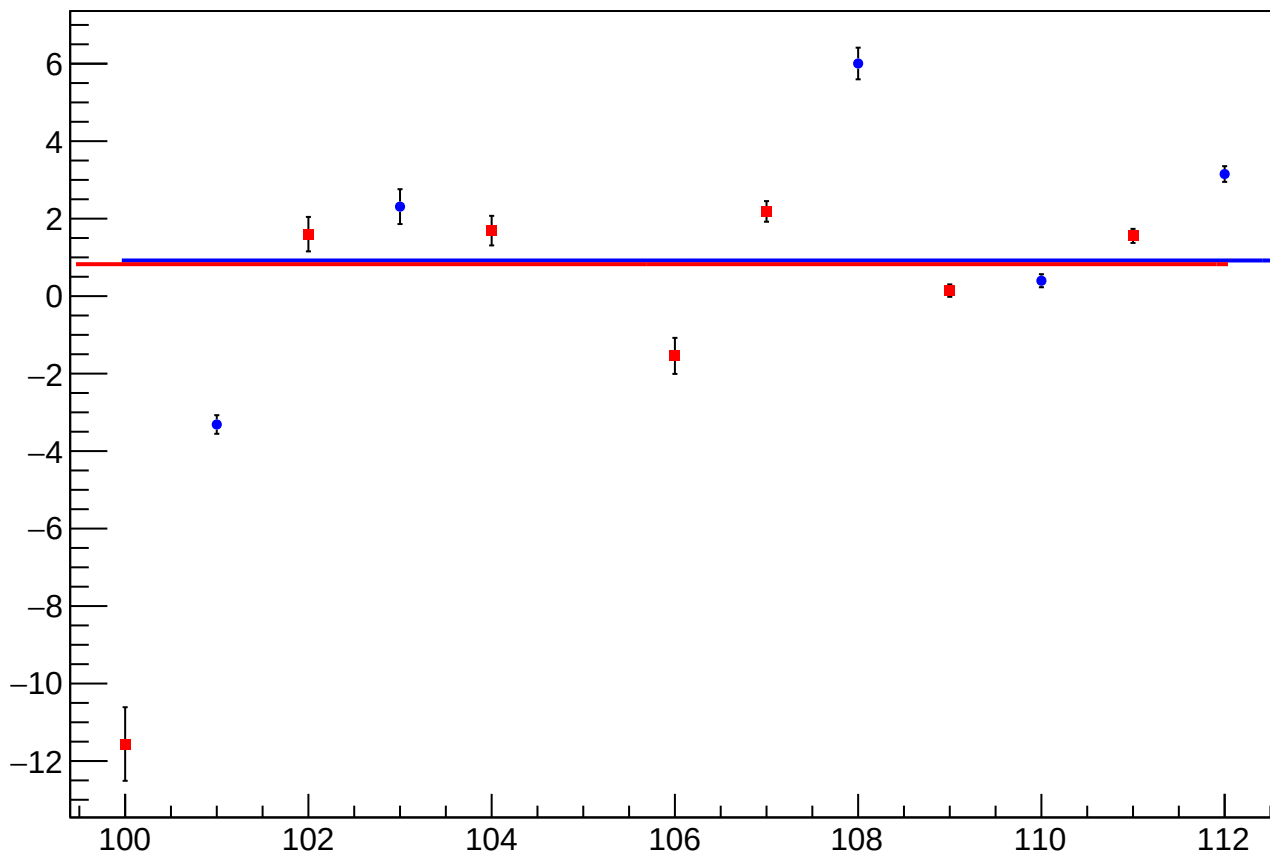
Right: -2.778 $\pm$ 0.050 χ^2 /NDF: 76163.9/11

In: -3.692 $\pm$ 0.077 χ^2 /NDF:29203.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.778 $\pm$ 0.050 χ^2 /NDF: 76163.9/11

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.920+/-0.107 χ^2/NDF : 604.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.824+/-0.099 χ^2/NDF : 264.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

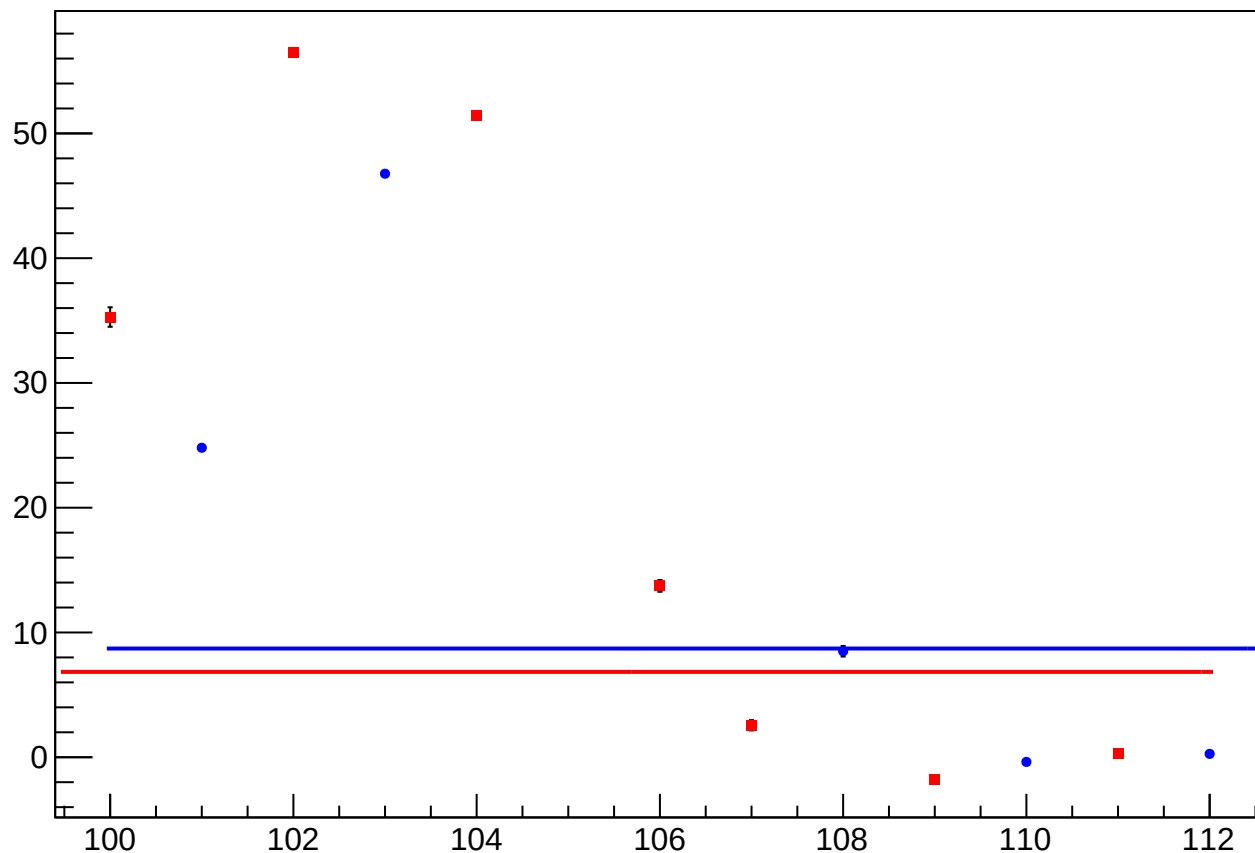
Right: 0.869+/-0.073 χ^2/NDF : 869.9/11

In: 0.920+/-0.107 χ^2/NDF : 604.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.869+/-0.073 χ^2/NDF : 869.9/11

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 8.713+/-0.098 χ^2/NDF : 22975.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.842+/-0.090 χ^2/NDF : 40894.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

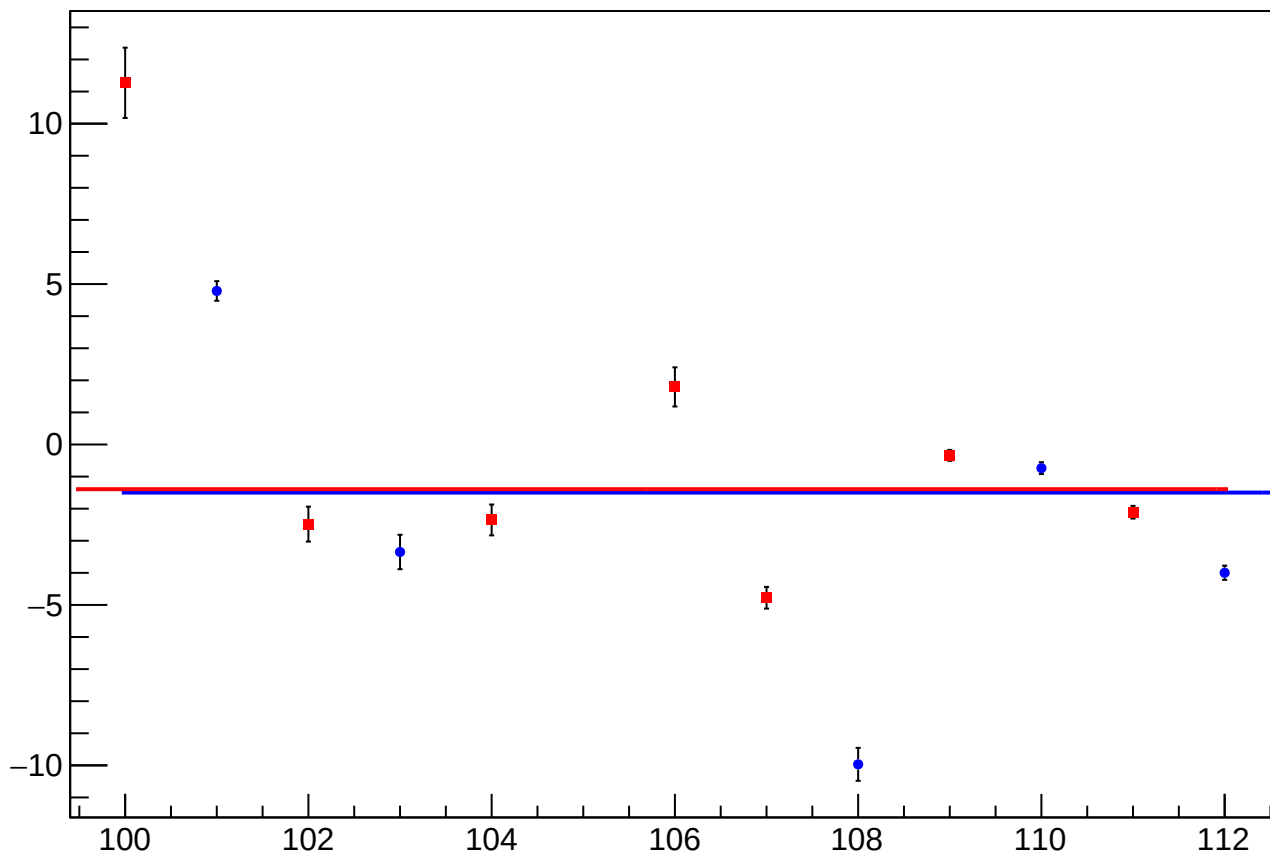
Right: 7.702+/-0.066 χ^2/NDF : 64067.2/11

In: 8.713+/-0.098 χ^2/NDF : 22975.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.702+/-0.066 χ^2/NDF : 64067.2/11

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.498 $\pm$ 0.122 χ^2 /NDF: 851.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.393 $\pm$ 0.112 χ^2 /NDF: 320.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

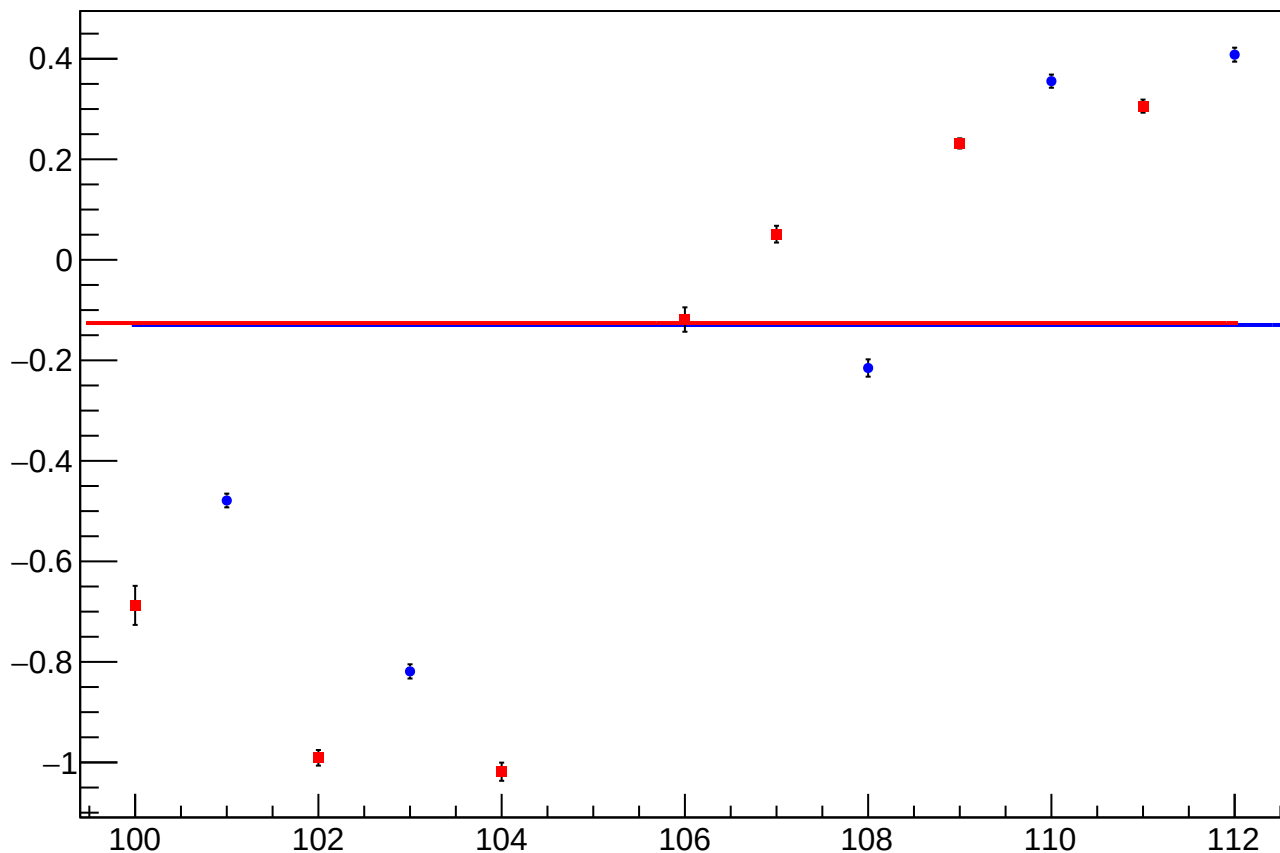
Right: -1.441 $\pm$ 0.082 χ^2 /NDF: 1172.4/11

In: -1.498 $\pm$ 0.122 χ^2 /NDF:851.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.441 $\pm$ 0.082 χ^2 /NDF: 1172.4/11

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.130+/-0.006 χ^2/NDF : 5902.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.126+/-0.006 χ^2/NDF : 8212.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

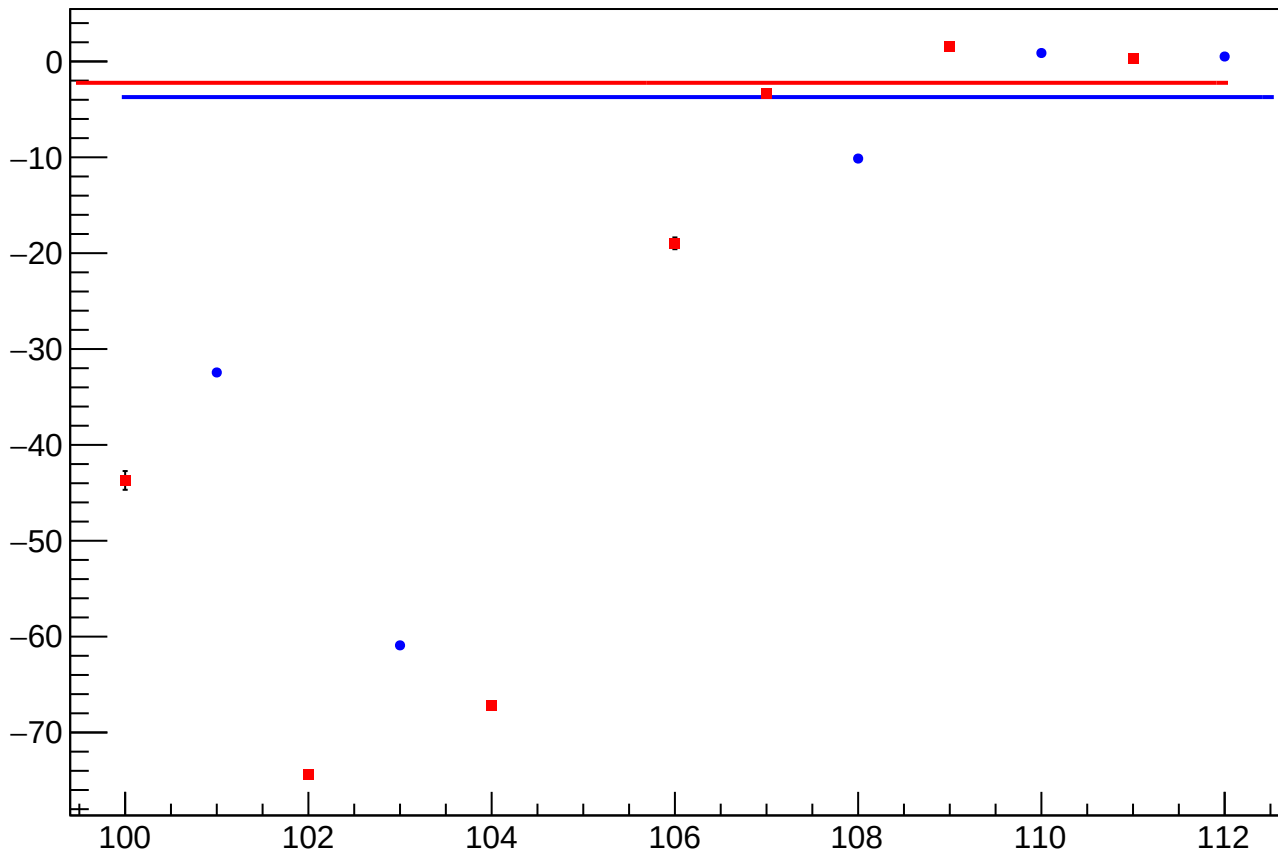
Right: -0.128+/-0.004 χ^2/NDF : 14115.1/11

In: -0.130+/-0.006 χ^2/NDF : 5902.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.128+/-0.004 χ^2/NDF : 14115.1/11

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.718+/-0.078 χ^2/NDF : 28835.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.228+/-0.067 χ^2/NDF : 46400.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

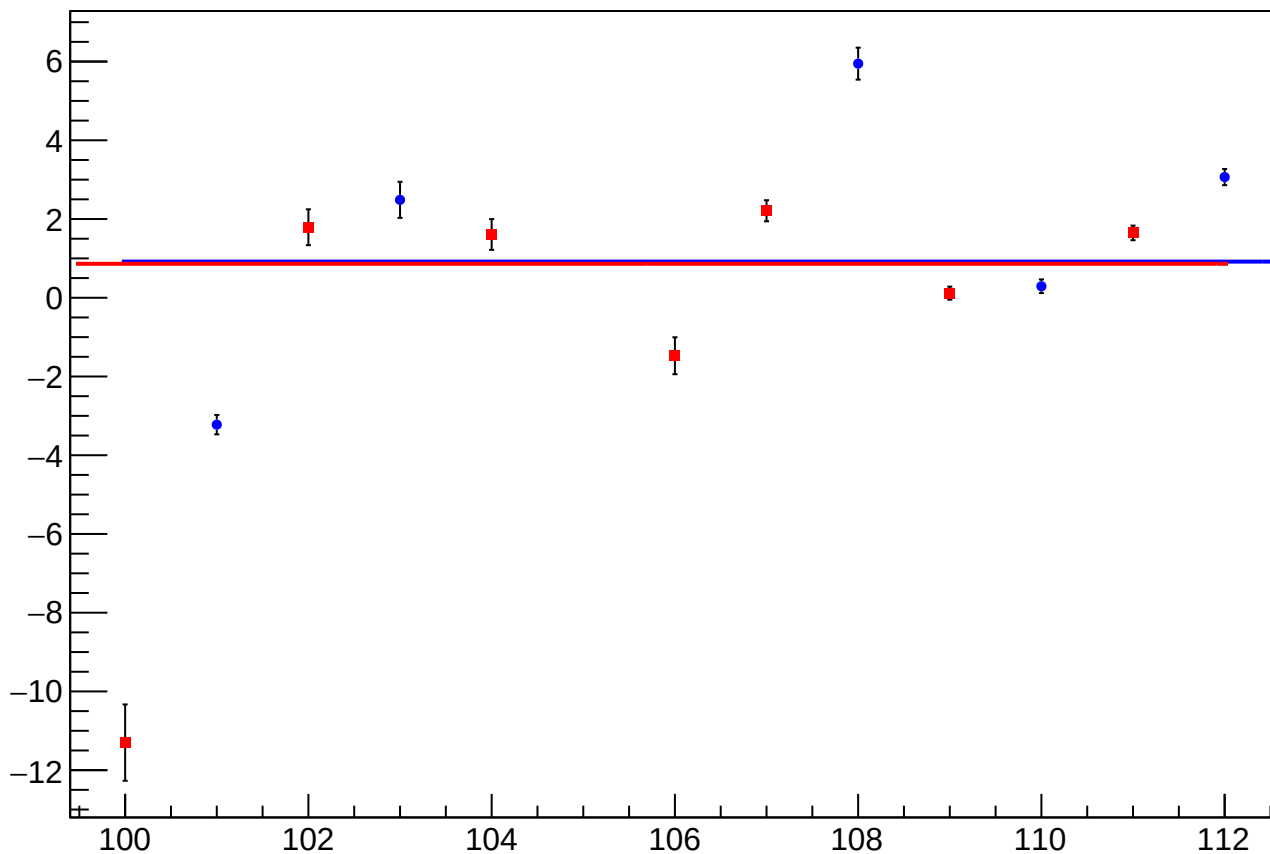
Right: -2.857+/-0.051 χ^2/NDF : 75444.9/11

In: -3.718+/-0.078 χ^2/NDF : 28835.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.857+/-0.051 χ^2/NDF : 75444.9/11

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.919+/-0.109 χ^2/NDF : 570.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.863+/-0.102 χ^2/NDF : 253.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

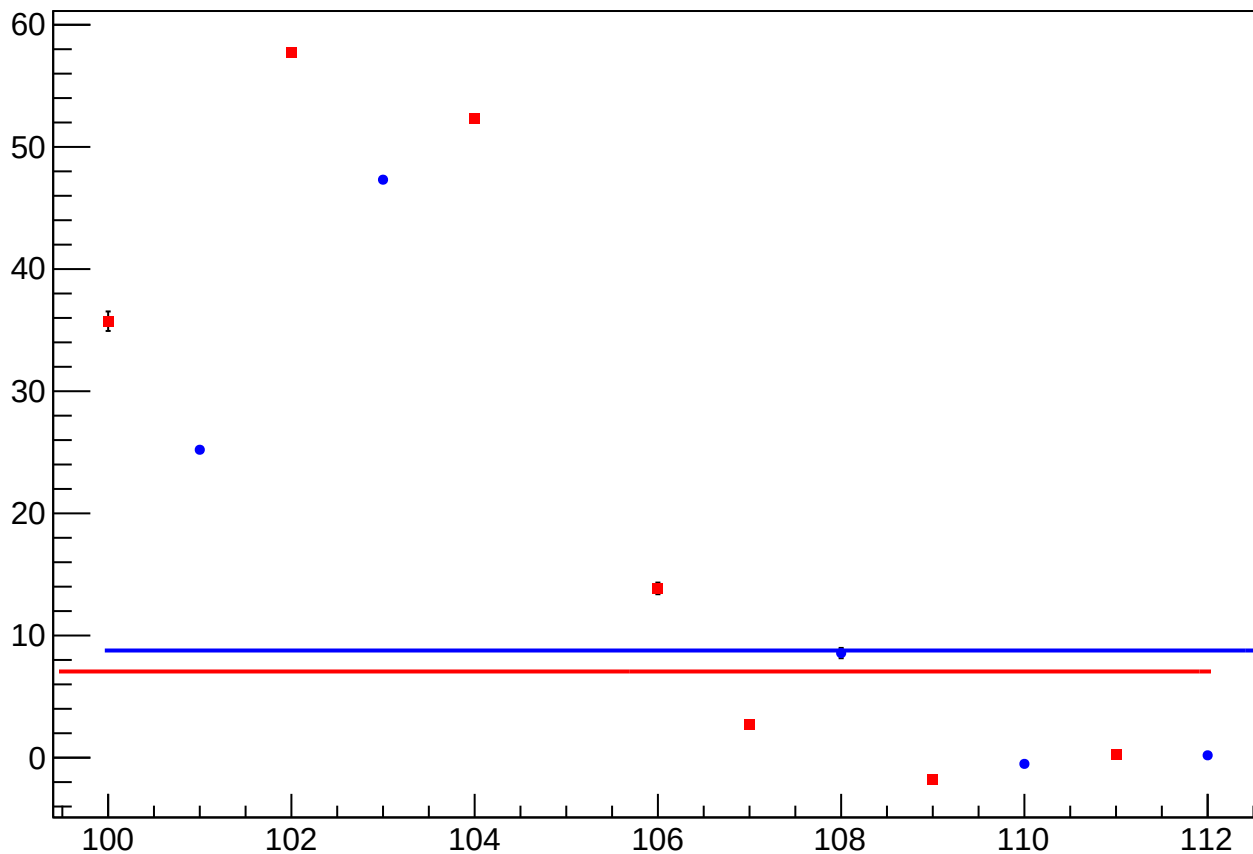
Right: 0.889+/-0.074 χ^2/NDF : 823.8/11

In: 0.919+/-0.109 χ^2/NDF : 570.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.889+/-0.074 χ^2/NDF : 823.8/11

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 8.773+/-0.100 χ^2/NDF : 22752.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.056+/-0.092 χ^2/NDF : 40579.3/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

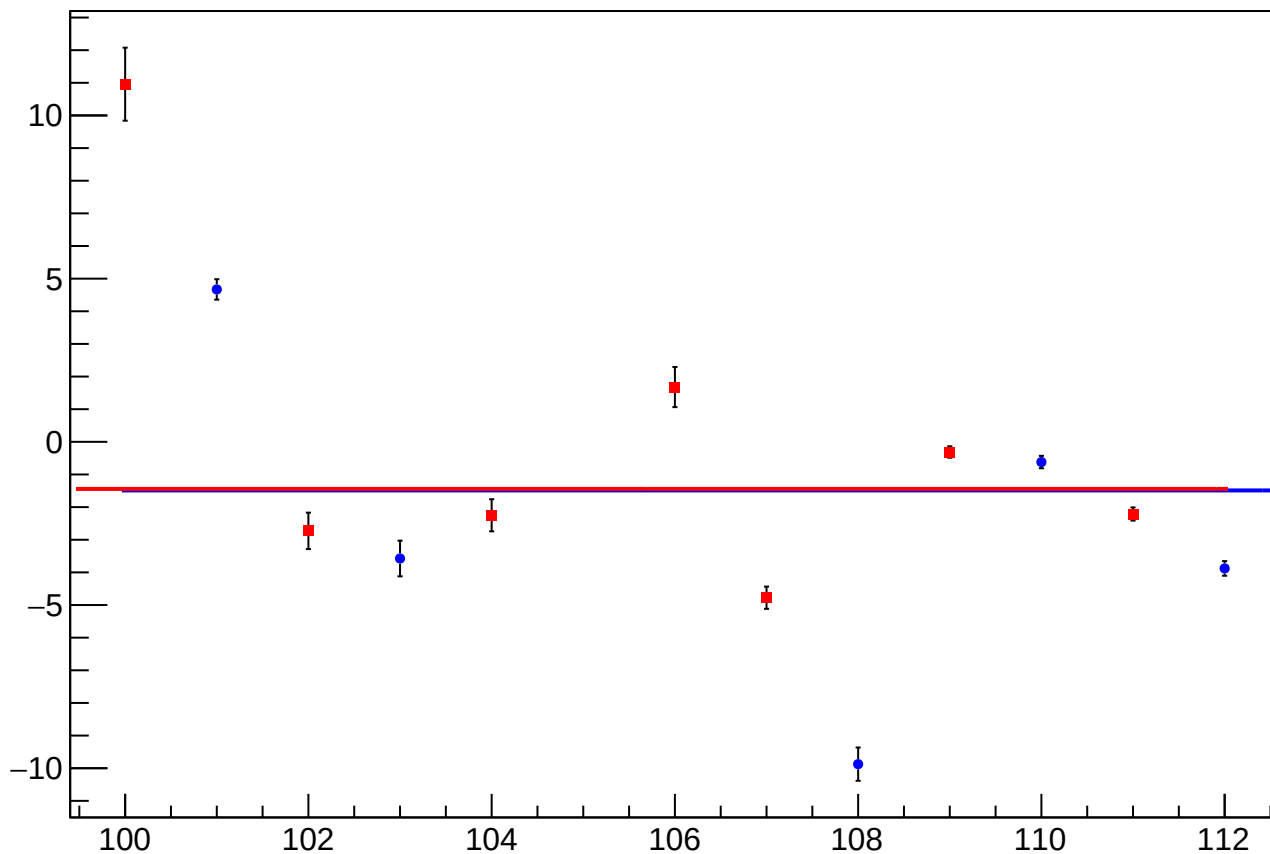
Right: 7.849+/-0.068 χ^2/NDF : 63490.9/11

In: 8.773+/-0.100 χ^2/NDF : 22752.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.849+/-0.068 χ^2/NDF : 63490.9/11

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.489+/-0.124 χ^2/NDF : 806.7/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.442+/-0.114 χ^2/NDF : 308.7/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

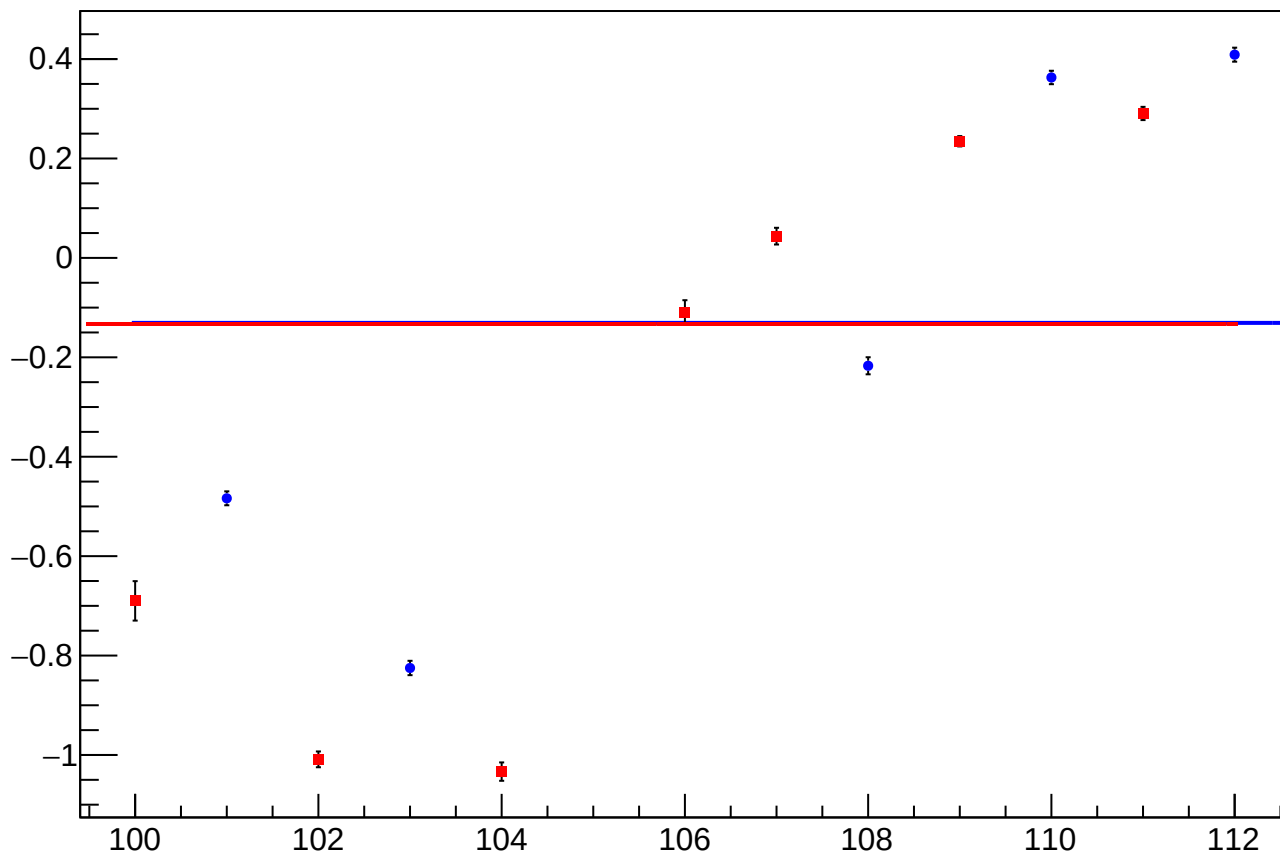
Right: -1.464+/-0.084 χ^2/NDF : 1115.5/11

In: -1.489+/-0.124 χ^2/NDF :806.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.464+/-0.084 χ^2/NDF : 1115.5/11

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.131+/-0.006 χ^2/NDF : 5770.4/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.133+/-0.006 χ^2/NDF : 7984.1/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

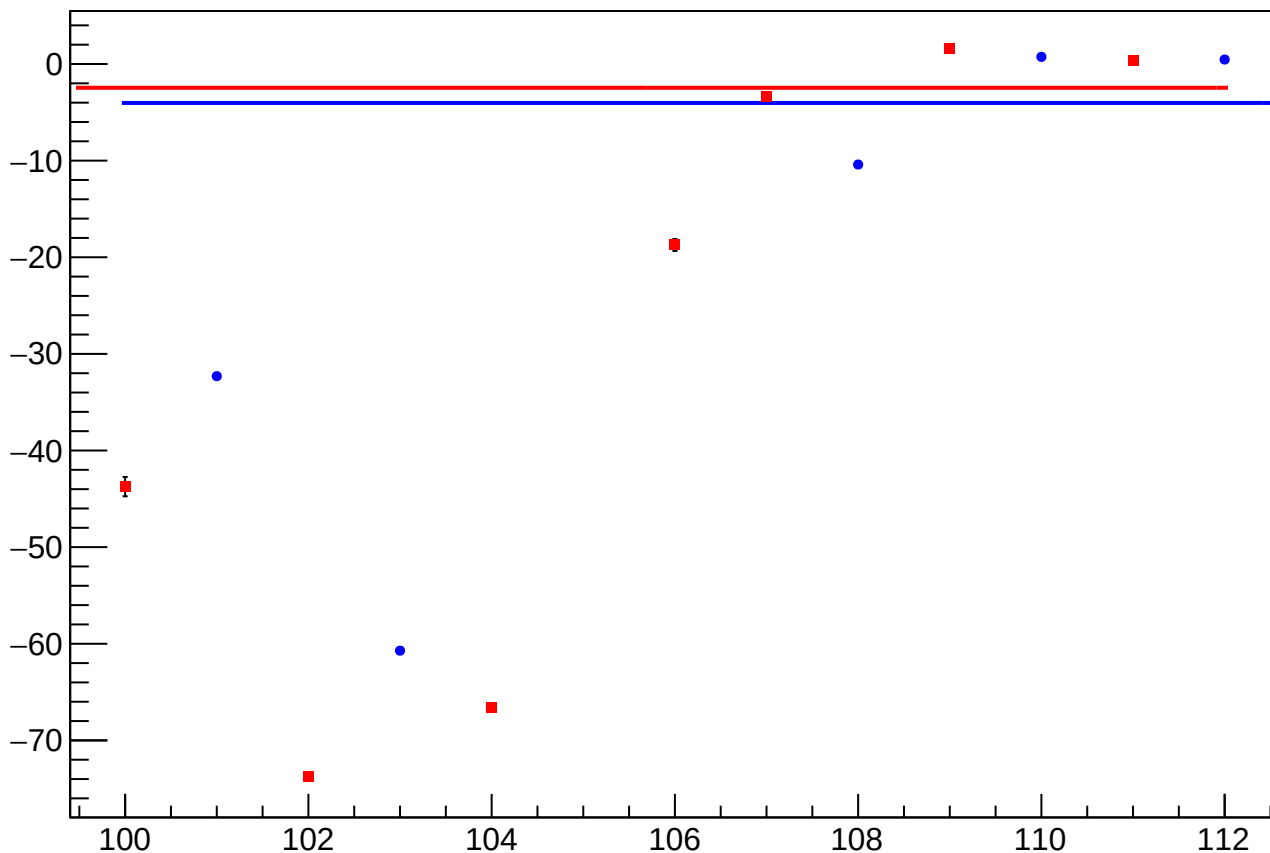
Right: -0.132+/-0.004 χ^2/NDF : 13754.5/11

In: -0.131+/-0.006 χ^2/NDF :5770.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.132+/-0.004 χ^2/NDF : 13754.5/11

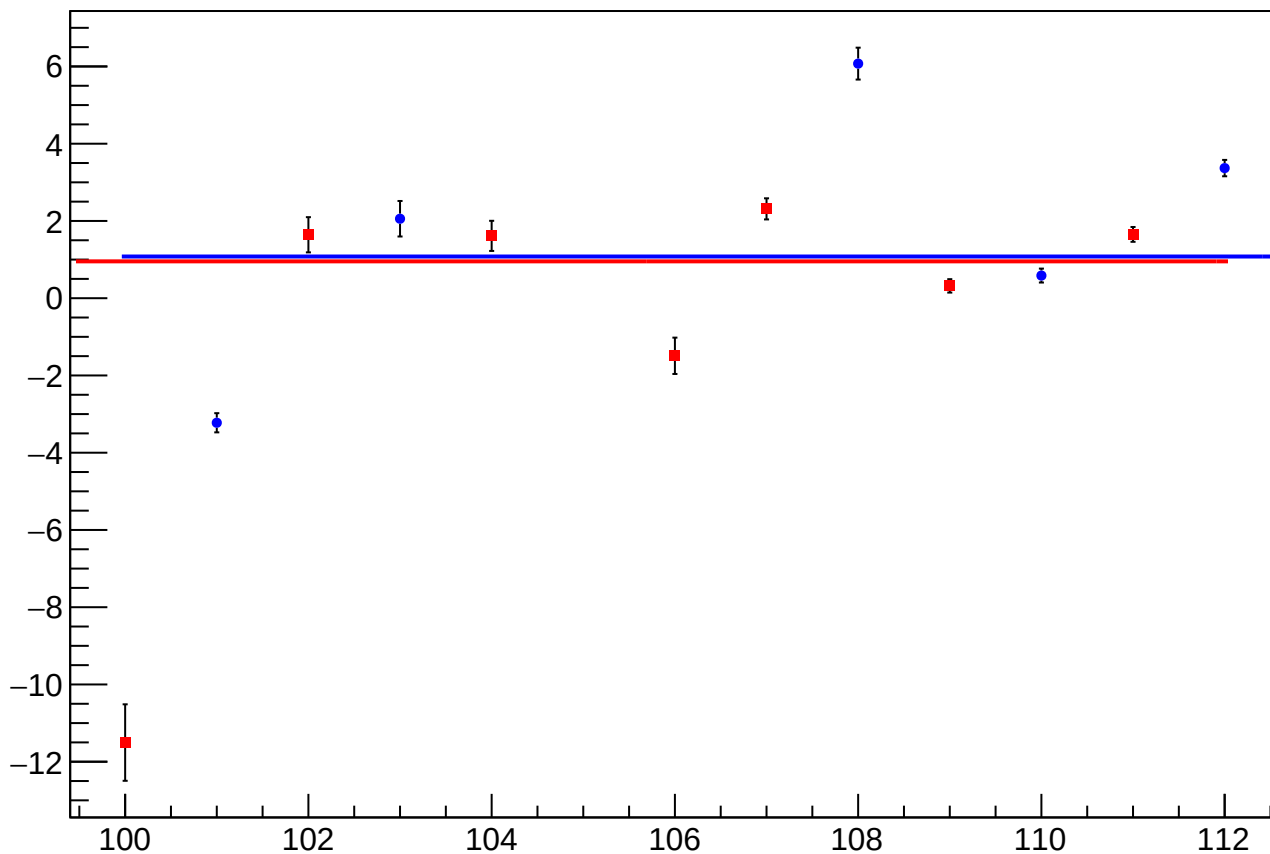
reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.029 $\pm$ 0.081 χ^2 /NDF: 28130.9/4
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -2.458 $\pm$ 0.070 χ^2 /NDF: 45473.6/6
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -3.128 $\pm$ 0.053 χ^2 /NDF: 73822.1/11
 In: -4.029 $\pm$ 0.081 χ^2 /NDF:28130.9/4
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -3.128 $\pm$ 0.053 χ^2 /NDF: 73822.1/11

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.079+/-0.112 χ^2/NDF : 575.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.954+/-0.105 χ^2/NDF : 241.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

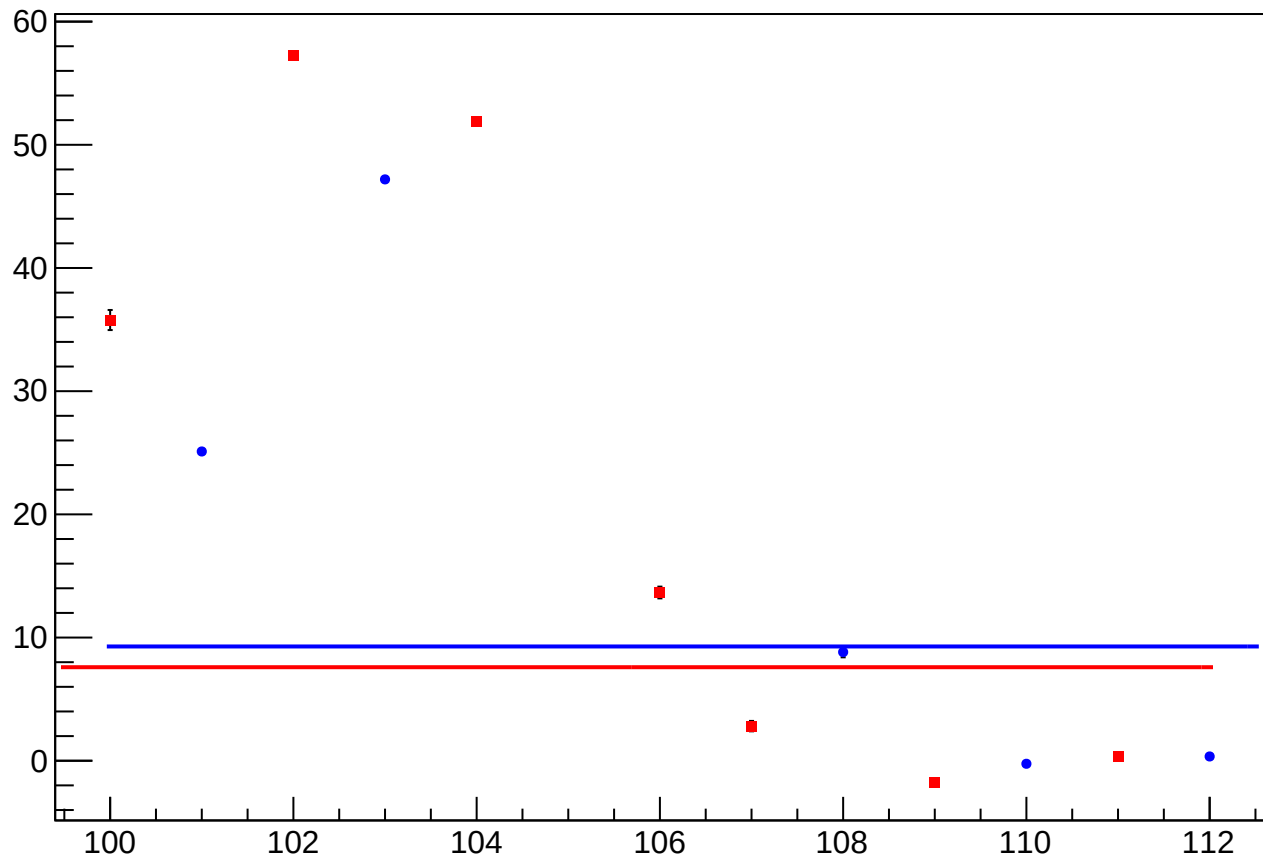
Right: 1.013+/-0.077 χ^2/NDF : 818.2/11

In: 1.079+/-0.112 χ^2/NDF : 575.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.013+/-0.077 χ^2/NDF : 818.2/11

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 9.276+/-0.102 χ^2/NDF : 21857.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.593+/-0.096 χ^2/NDF : 39344.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

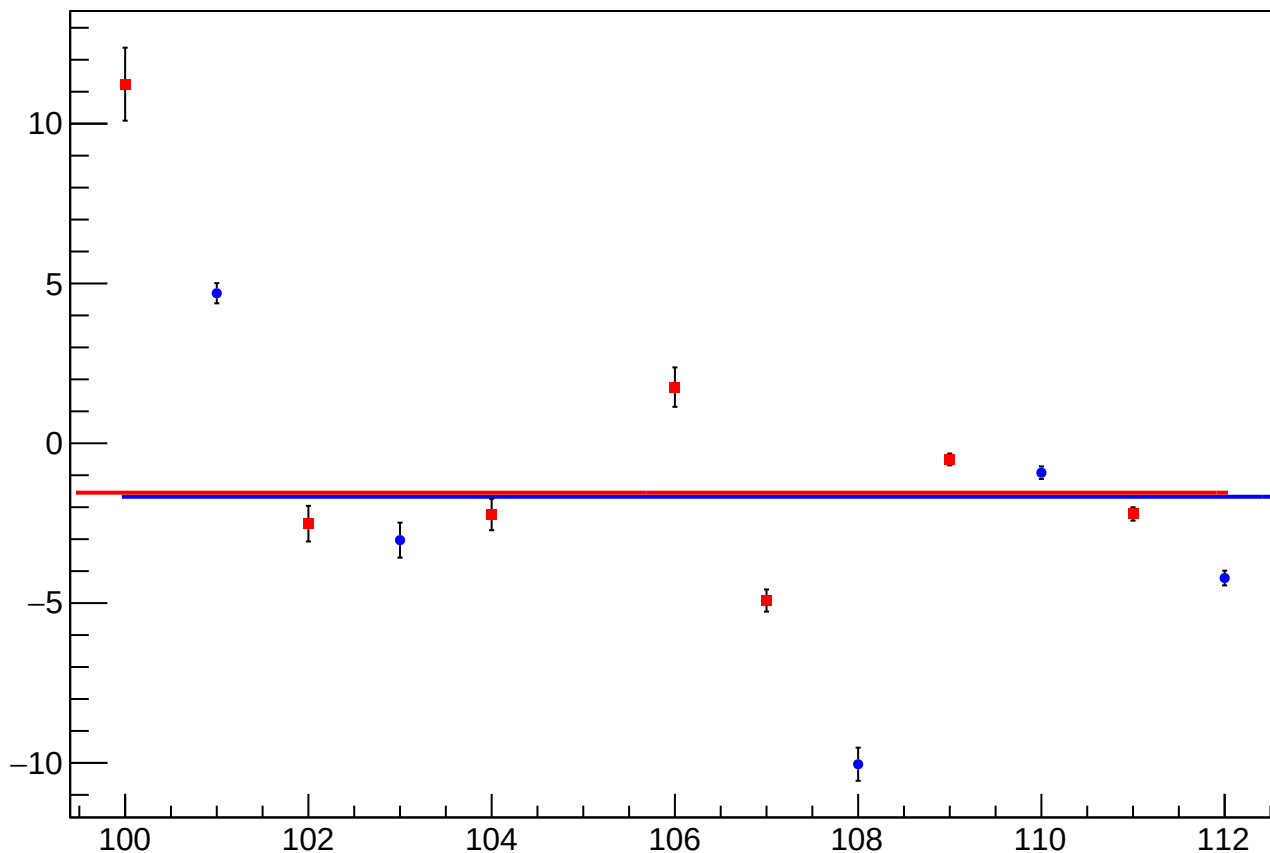
Right: 8.377+/-0.070 χ^2/NDF : 61345.7/11

In: 9.276+/-0.102 χ^2/NDF : 21857.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.377+/-0.070 χ^2/NDF : 61345.7/11

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.673+/-0.128 χ^2/NDF : 809.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.545+/-0.118 χ^2/NDF : 295.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

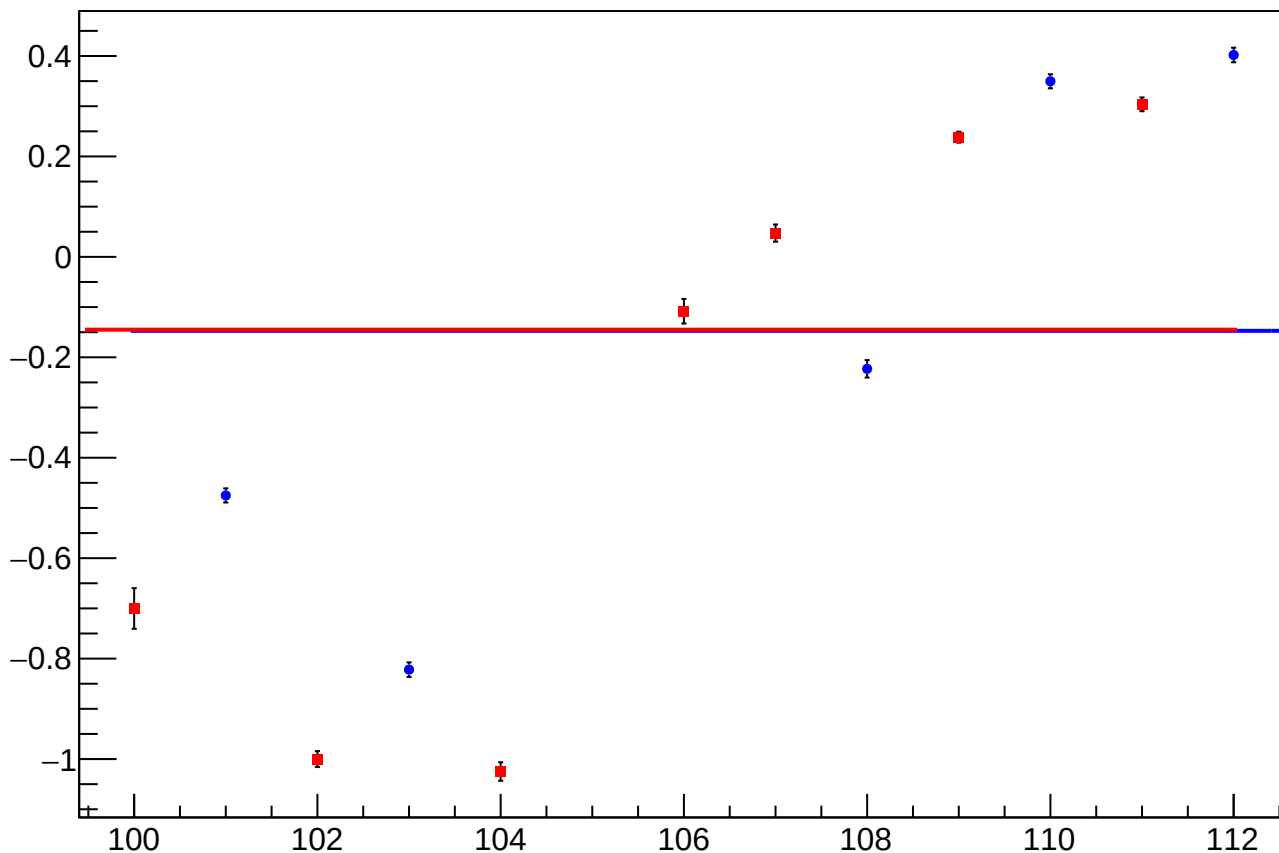
Right: -1.604+/-0.087 χ^2/NDF : 1105.1/11

In: -1.673+/-0.128 χ^2/NDF : 809.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.604+/-0.087 χ^2/NDF : 1105.1/11

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.147 ± 0.007 χ^2/NDF : 5416.0/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.145 ± 0.006 χ^2/NDF : 7787.4/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

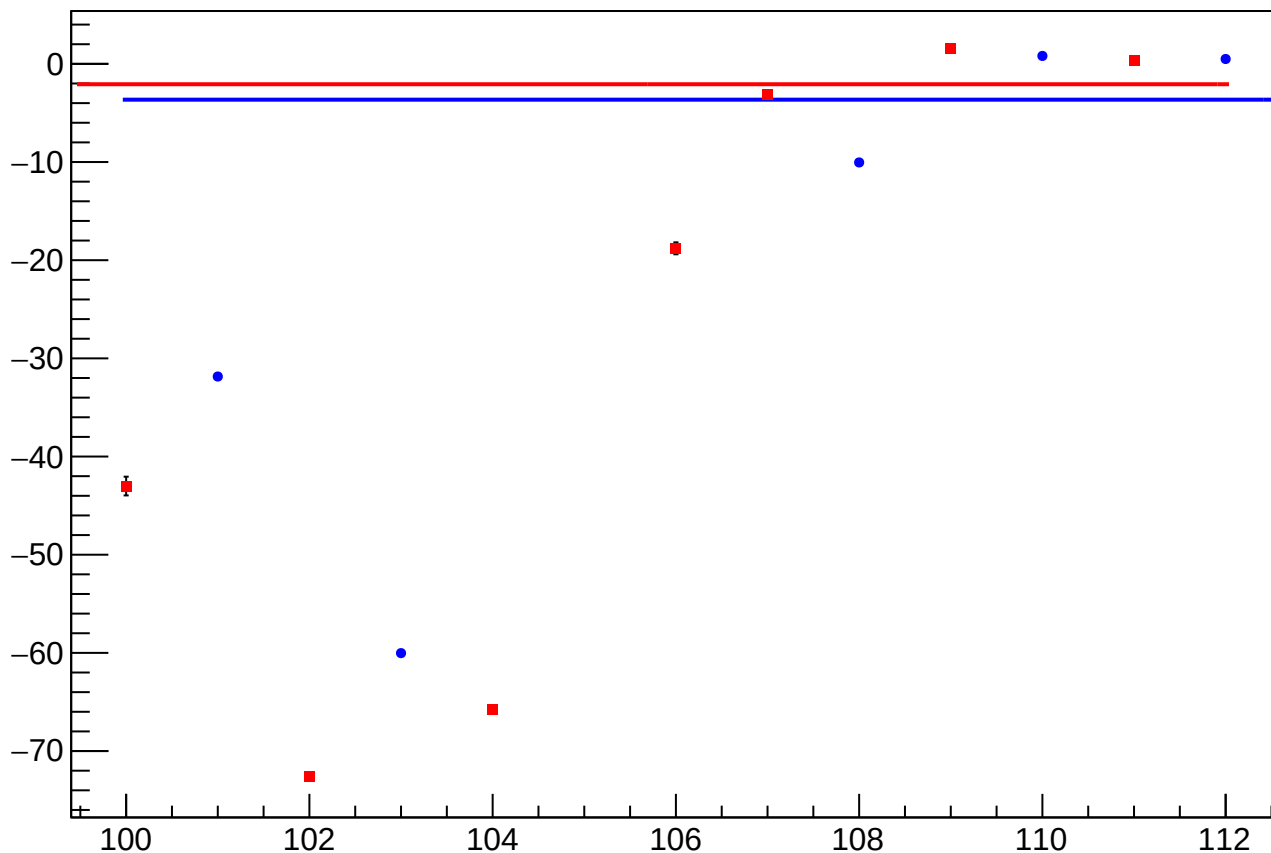
Right: -0.146 ± 0.005 χ^2/NDF : 13203.5/11

In: -0.147 ± 0.007 χ^2/NDF : 5416.0/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.146 ± 0.005 χ^2/NDF : 13203.5/11

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.648+/-0.076 χ^2/NDF : 29255.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.076+/-0.064 χ^2/NDF : 46787.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

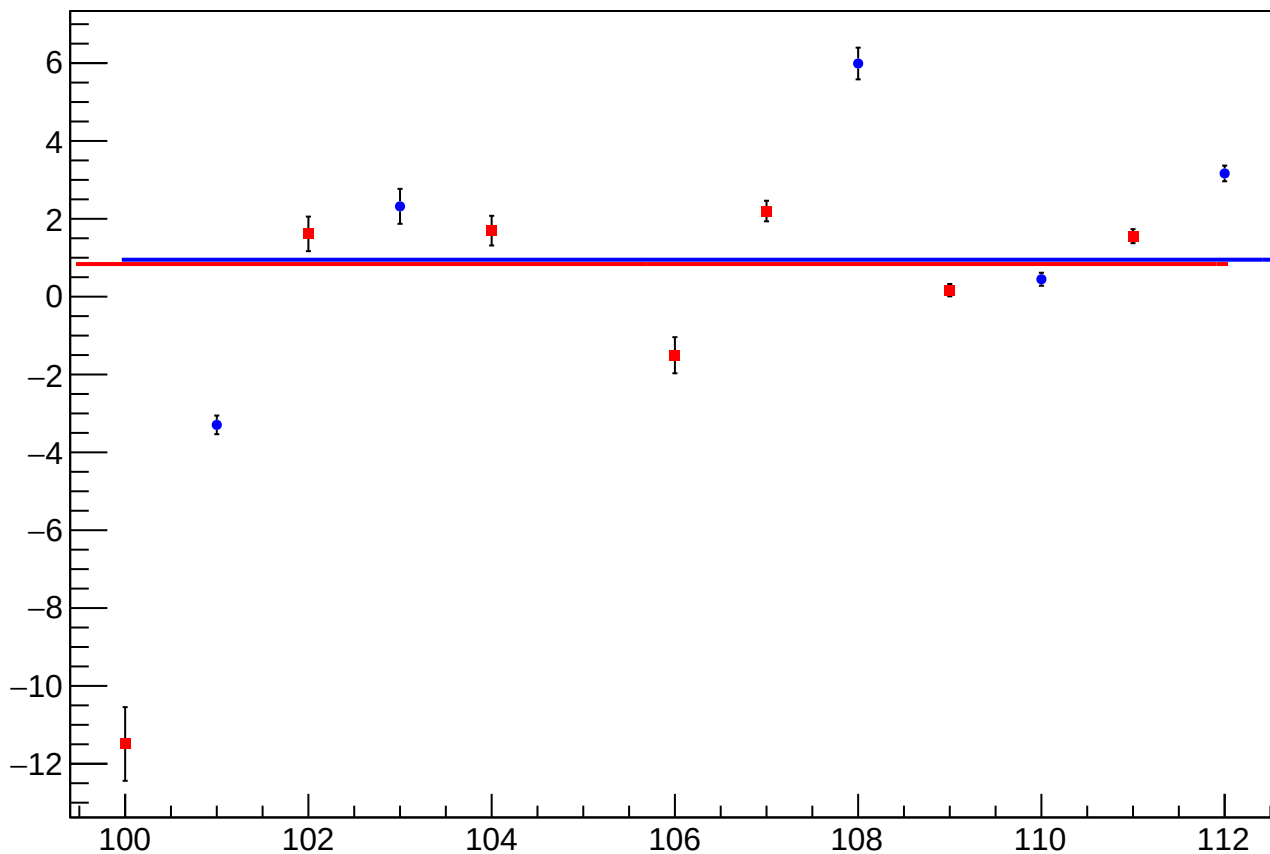
Right: -2.733+/-0.049 χ^2/NDF : 76291.6/11

In: -3.648+/-0.076 χ^2/NDF : 29255.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.733+/-0.049 χ^2/NDF : 76291.6/11

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.949+/-0.106 χ^2/NDF : 605.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.838+/-0.099 χ^2/NDF : 263.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

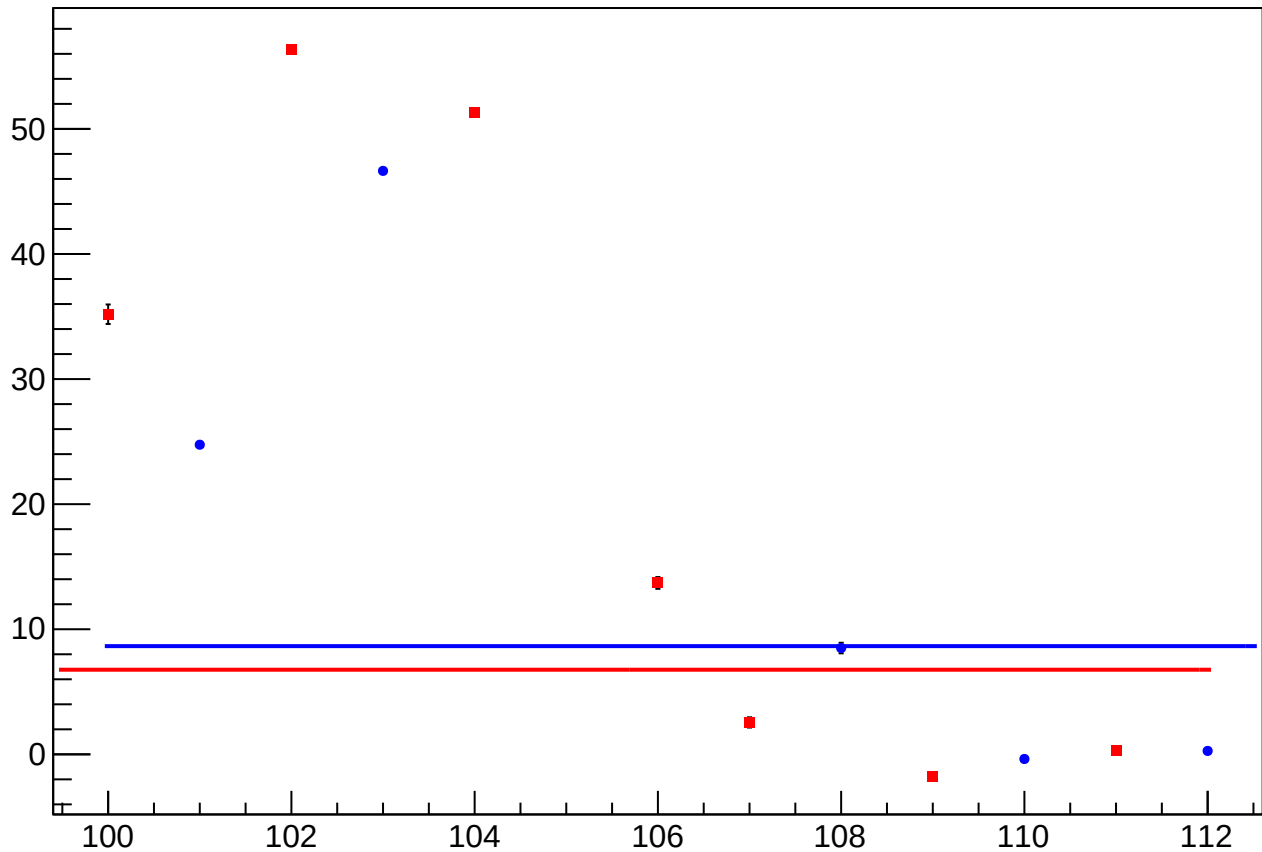
Right: 0.890+/-0.072 χ^2/NDF : 869.4/11

In: 0.949+/-0.106 χ^2/NDF : 605.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.890+/-0.072 χ^2/NDF : 869.4/11

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 8.650+/-0.097 χ^2/NDF : 23033.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.765+/-0.089 χ^2/NDF : 40993.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

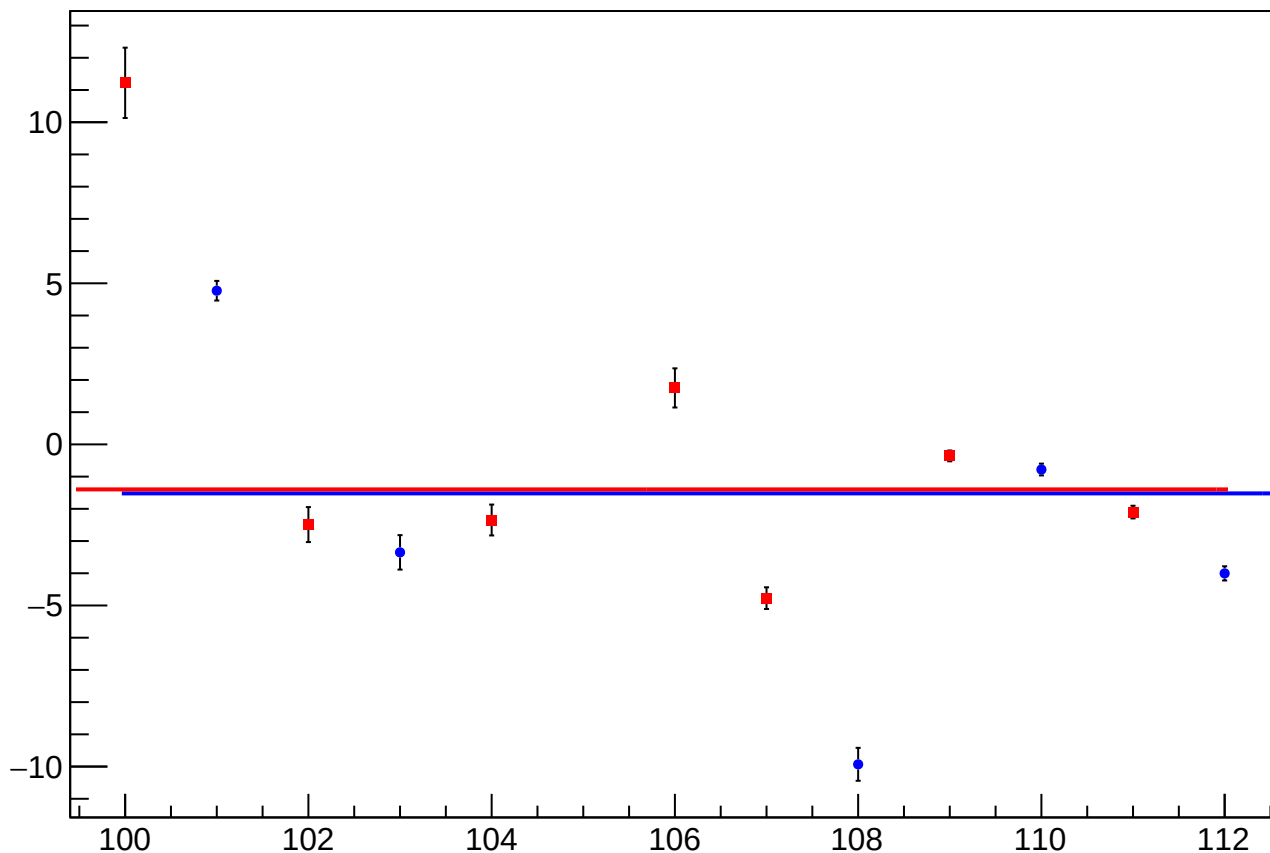
Right: 7.629+/-0.066 χ^2/NDF : 64230.5/11

In: 8.650+/-0.097 χ^2/NDF : 23033.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.629+/-0.066 χ^2/NDF : 64230.5/11

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.521+/-0.121 χ^2/NDF : 851.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.397+/-0.111 χ^2/NDF : 319.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

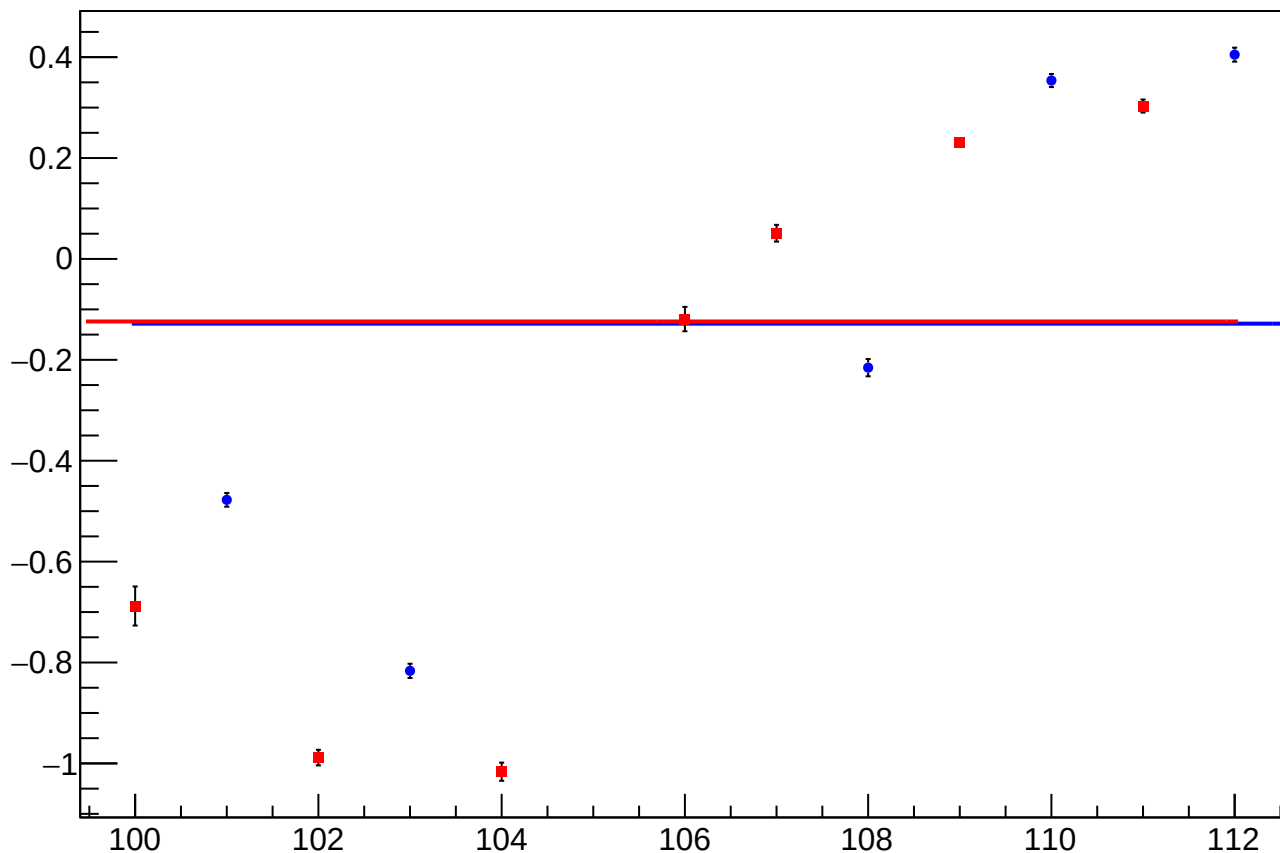
Right: -1.454+/-0.082 χ^2/NDF : 1172.2/11

In: -1.521+/-0.121 χ^2/NDF : 851.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.454+/-0.082 χ^2/NDF : 1172.2/11

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.128+/-0.006 χ^2/NDF : 5909.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.124+/-0.006 χ^2/NDF : 8233.7/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

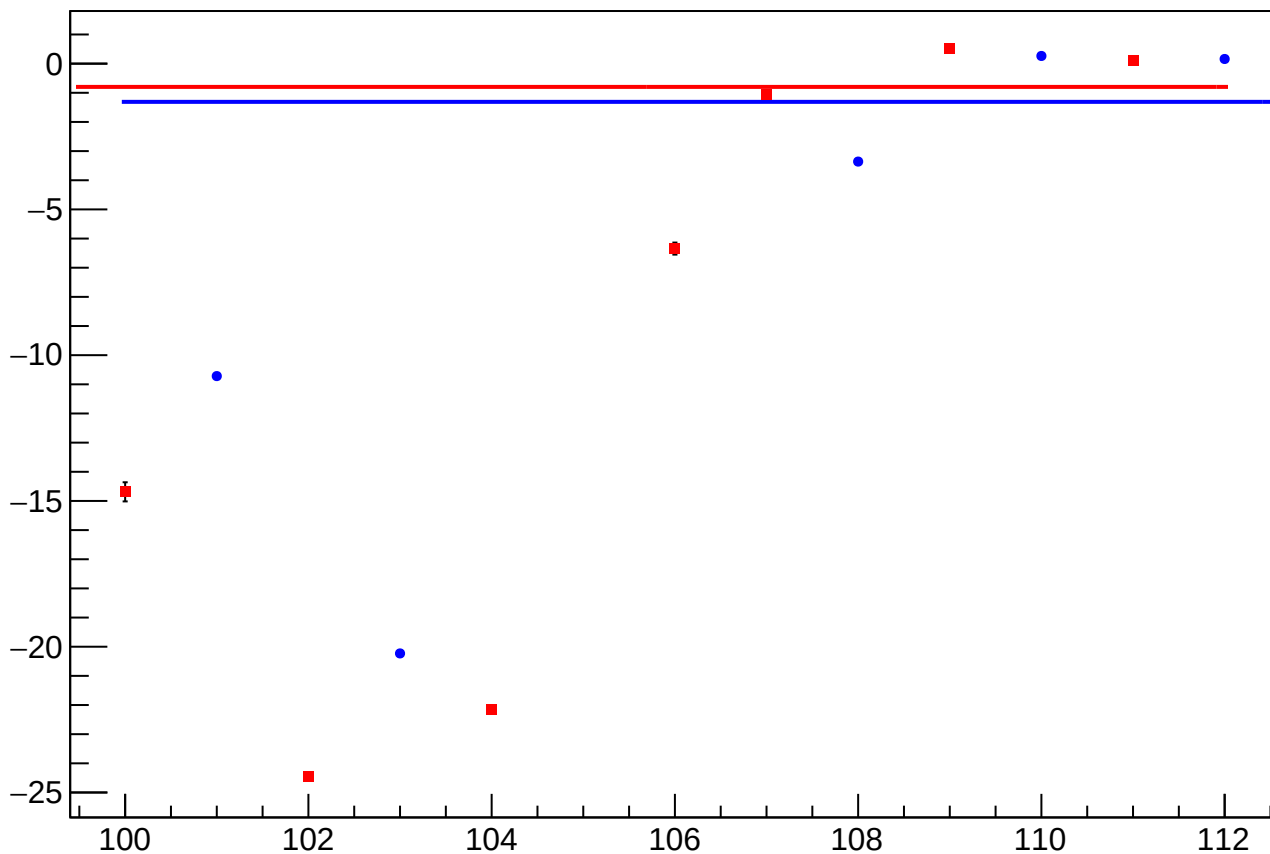
Right: -0.126+/-0.004 χ^2/NDF : 14143.4/11

In: -0.128+/-0.006 χ^2/NDF : 5909.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.126+/-0.004 χ^2/NDF : 14143.4/11

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.311+/-0.026 χ^2/NDF : 28751.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.798+/-0.023 χ^2/NDF : 46122.6/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

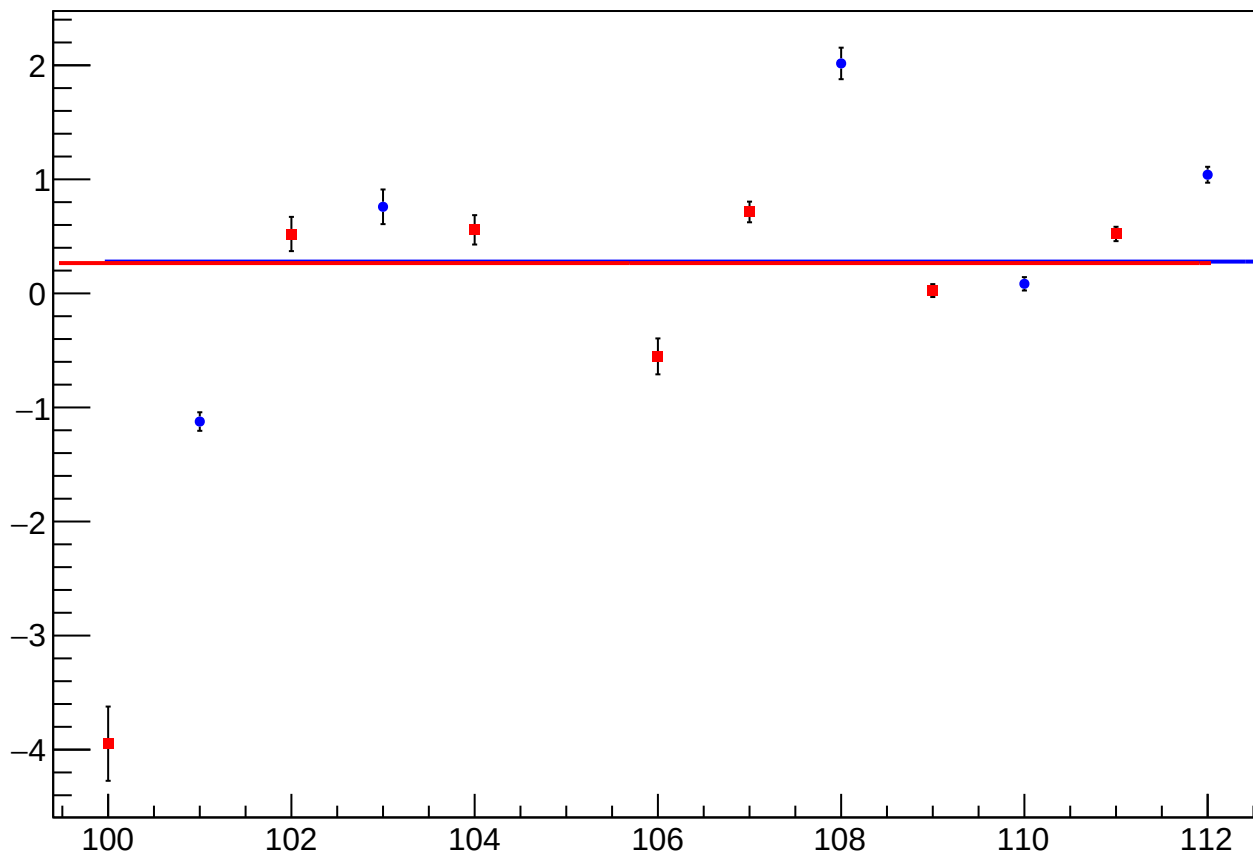
Right: -1.016+/-0.017 χ^2/NDF : 75090.5/11

In: -1.311+/-0.026 χ^2/NDF : 28751.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.016+/-0.017 χ^2/NDF : 75090.5/11

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.279+/-0.037 χ^2/NDF : 595.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.266+/-0.034 χ^2/NDF : 261.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

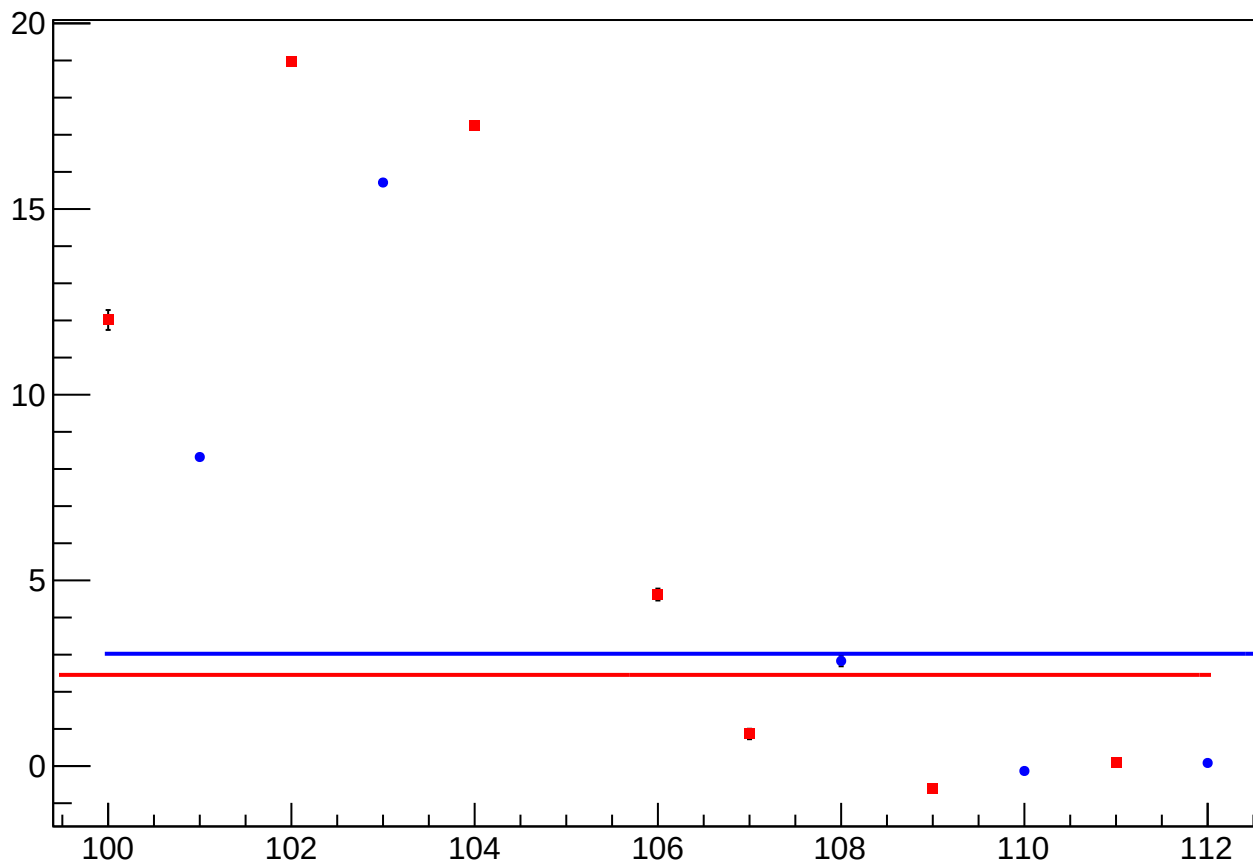
Right: 0.272+/-0.025 χ^2/NDF : 857.8/11

In: 0.279+/-0.037 χ^2/NDF : 595.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.272+/-0.025 χ^2/NDF : 857.8/11

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.024+/-0.034 χ^2/NDF : 22476.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.455+/-0.031 χ^2/NDF : 40090.2/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

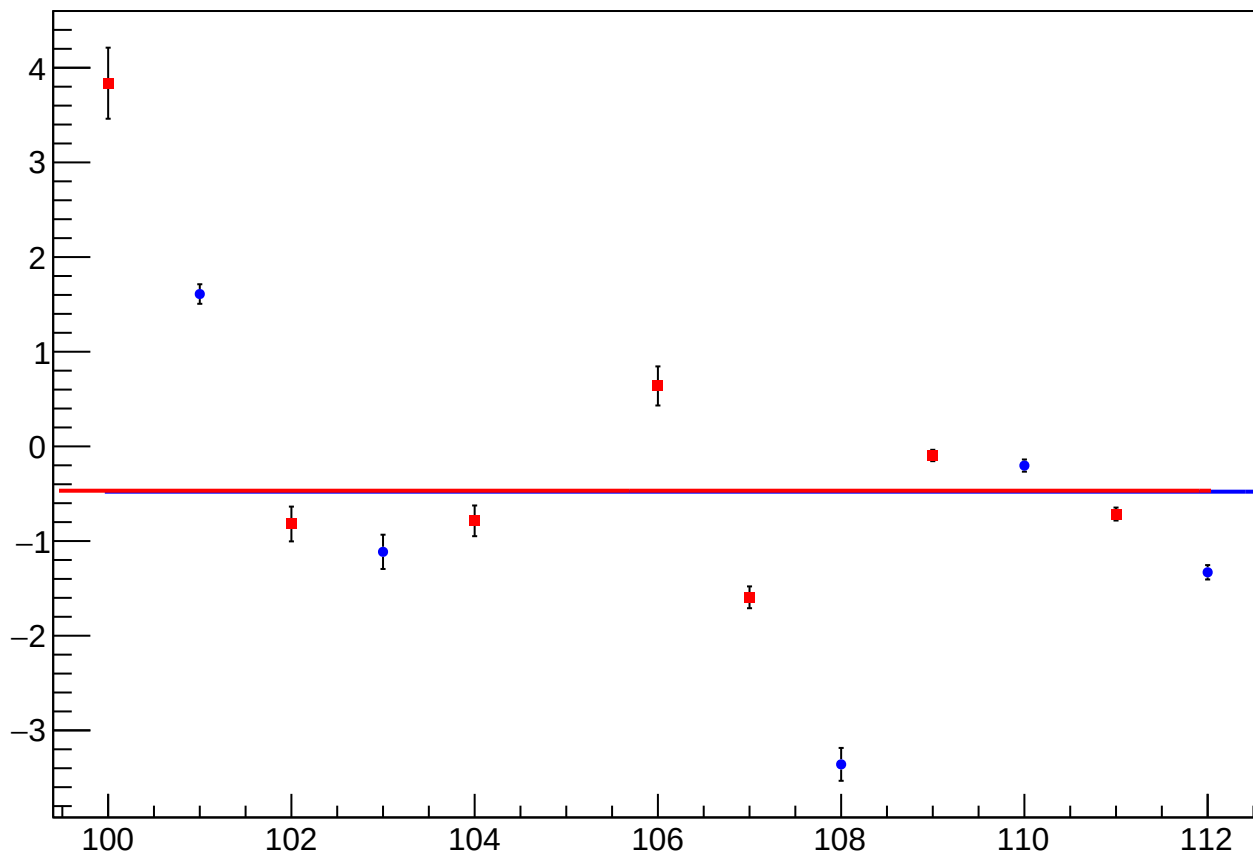
Right: 2.720+/-0.023 χ^2/NDF : 62720.3/11

In: 3.024+/-0.034 χ^2/NDF : 22476.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.720+/-0.023 χ^2/NDF : 62720.3/11

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.478 ± 0.042 χ^2/NDF : 839.8/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.468 ± 0.039 χ^2/NDF : 314.8/6

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

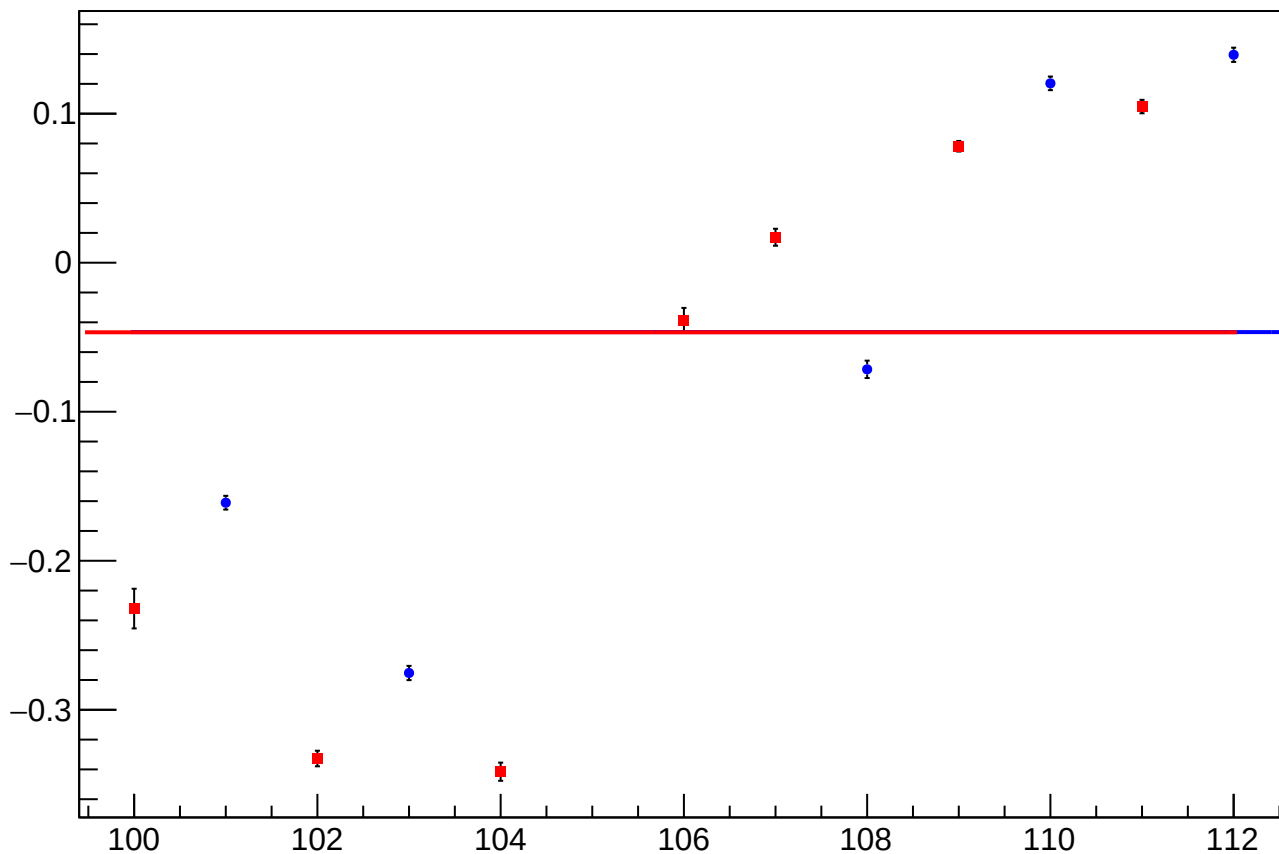
Right: -0.473 ± 0.028 χ^2/NDF : 1154.7/11

In: -0.478 ± 0.042 χ^2/NDF : 839.8/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.473 ± 0.028 χ^2/NDF : 1154.7/11

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.047 $\pm$ 0.002 χ^2 /NDF: 5766.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.047 $\pm$ 0.002 χ^2 /NDF: 8004.5/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

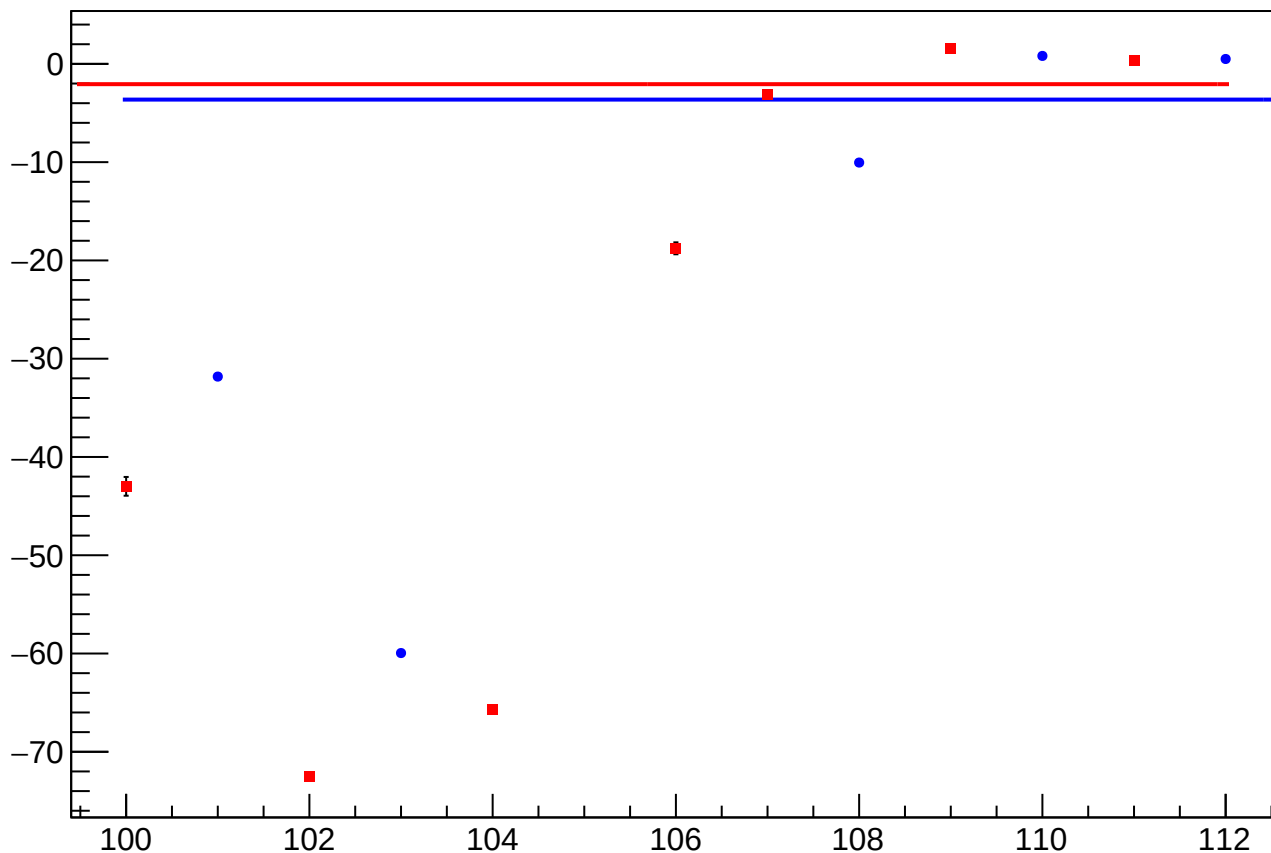
Right: -0.047 $\pm$ 0.001 χ^2 /NDF: 13771.1/11

In: -0.047 $\pm$ 0.002 χ^2 /NDF:5766.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.047 $\pm$ 0.001 χ^2 /NDF: 13771.1/11

reg_asym_bcm_an_us_an_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.634 $\pm$ 0.076 χ^2 /NDF: 29261.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.065 $\pm$ 0.064 χ^2 /NDF: 46799.7/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

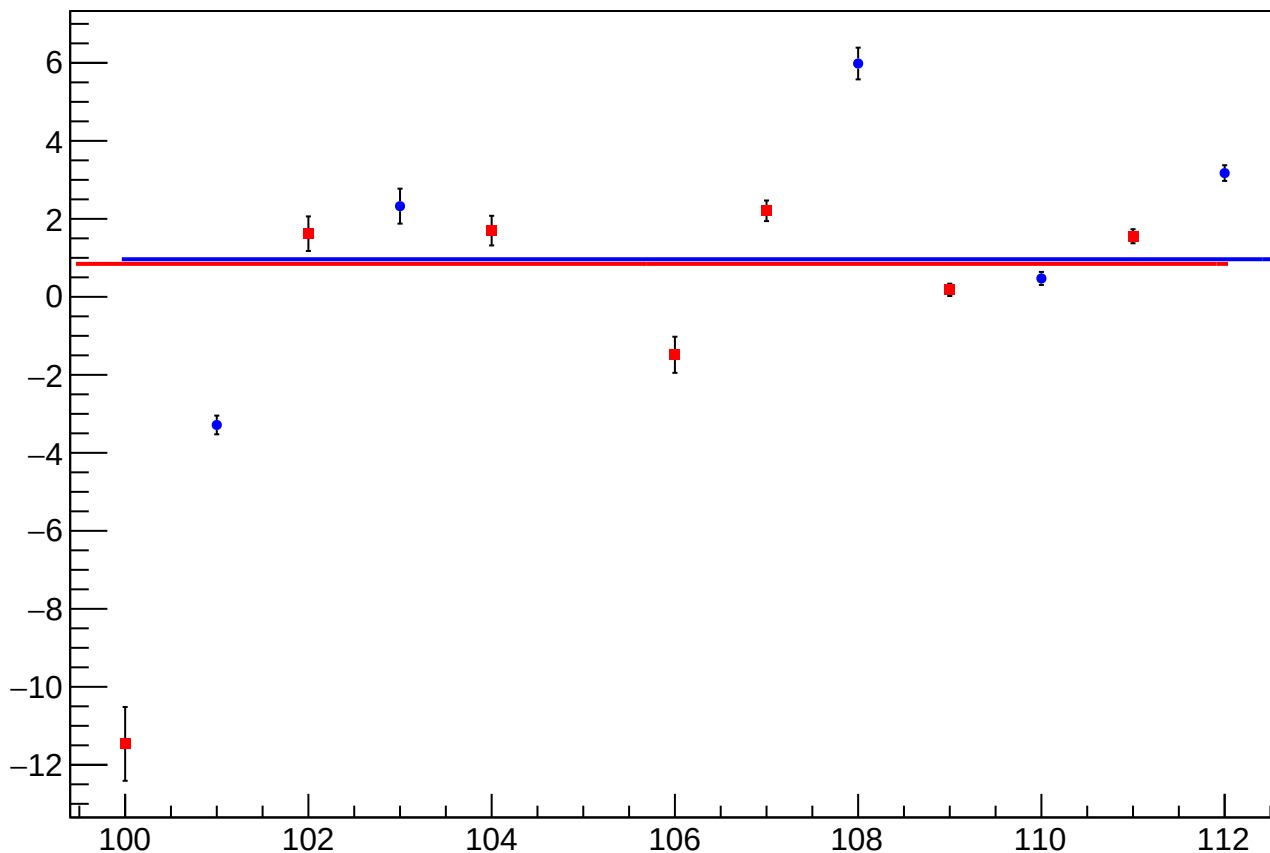
Right: -2.721 $\pm$ 0.049 χ^2 /NDF: 76309.4/11

In: -3.634 $\pm$ 0.076 χ^2 /NDF:29261.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.721 $\pm$ 0.049 χ^2 /NDF: 76309.4/11

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.964+/-0.106 χ^2/NDF : 605.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.846+/-0.099 χ^2/NDF : 262.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

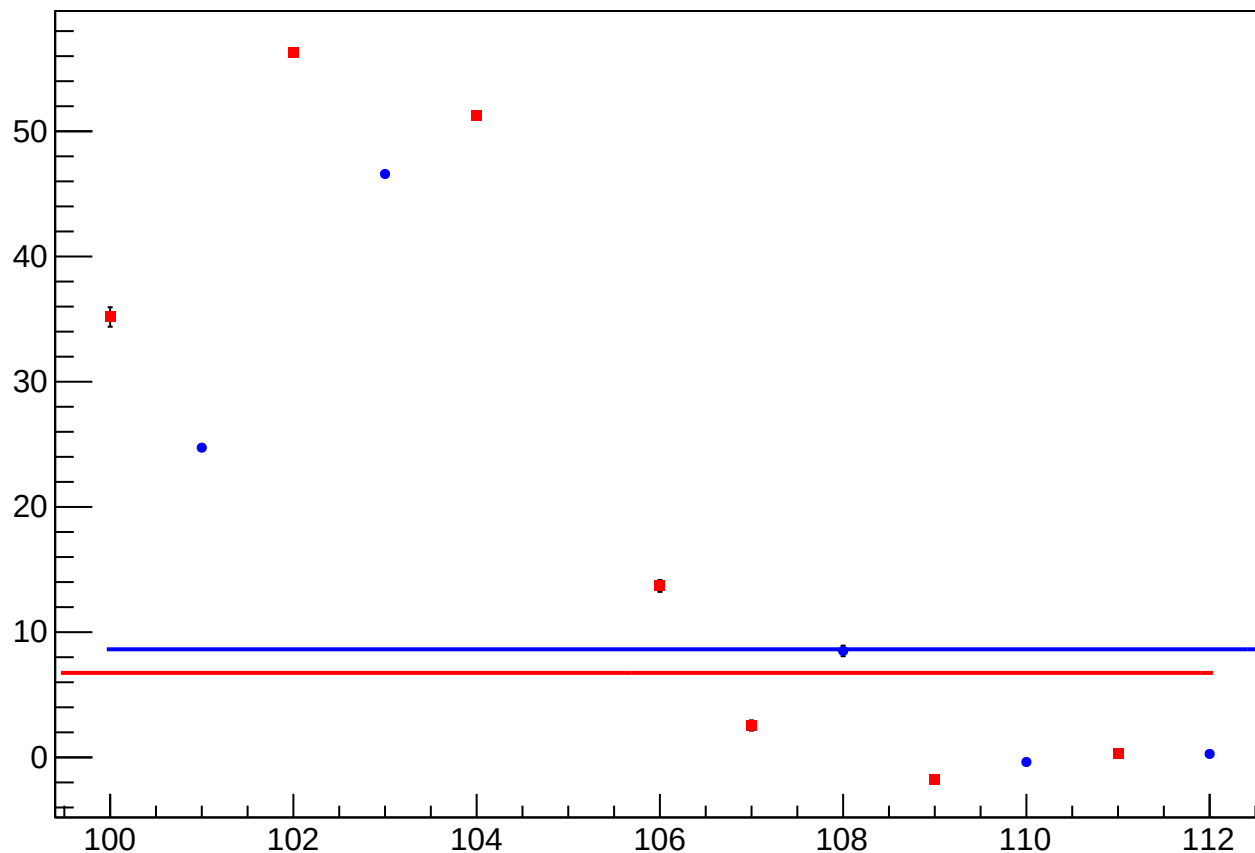
Right: 0.901+/-0.072 χ^2/NDF : 868.2/11

In: 0.964+/-0.106 χ^2/NDF : 605.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.901+/-0.072 χ^2/NDF : 868.2/11

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 8.632+/-0.097 χ^2/NDF : 23041.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.747+/-0.089 χ^2/NDF : 41007.9/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

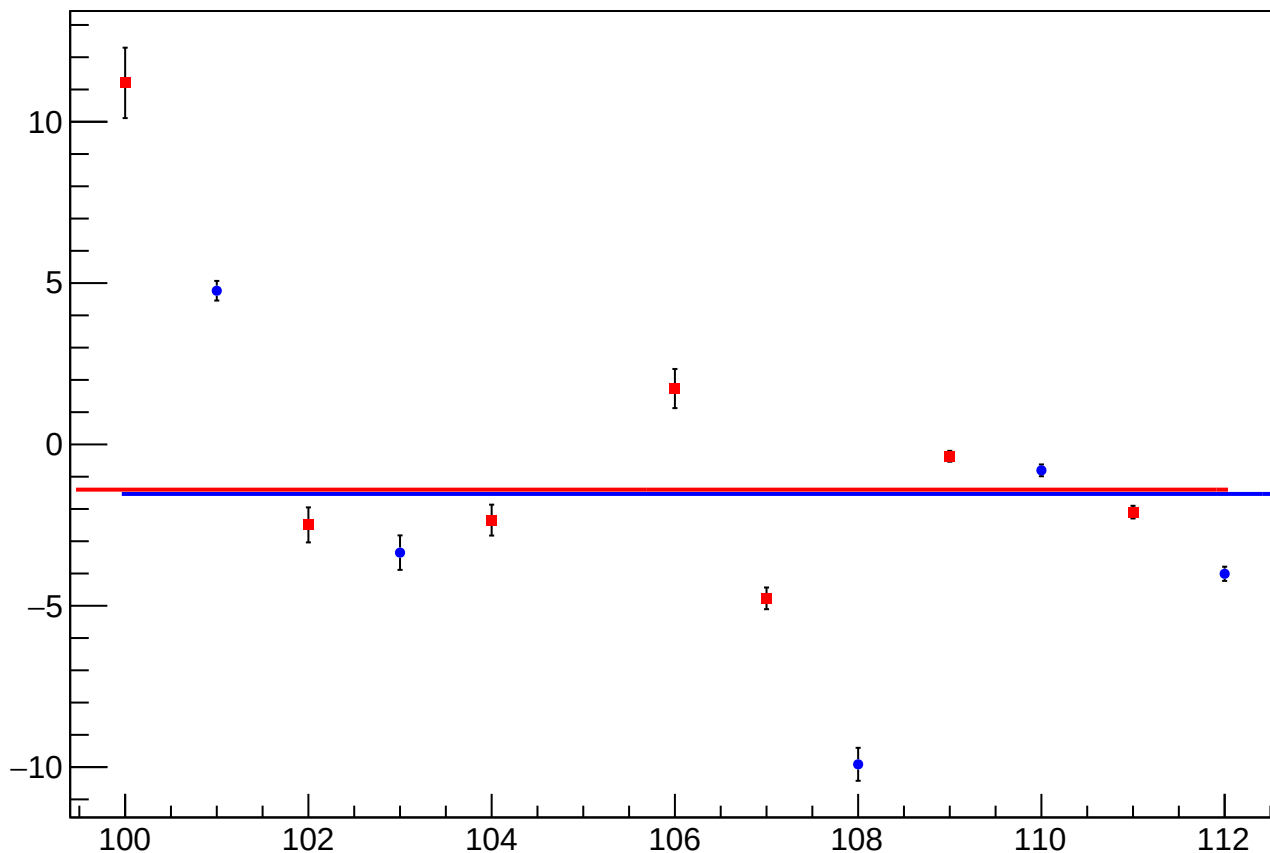
Right: 7.611+/-0.066 χ^2/NDF : 64253.6/11

In: 8.632+/-0.097 χ^2/NDF : 23041.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.611+/-0.066 χ^2/NDF : 64253.6/11

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.534+/-0.121 χ^2/NDF : 851.2/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.401+/-0.111 χ^2/NDF : 319.0/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

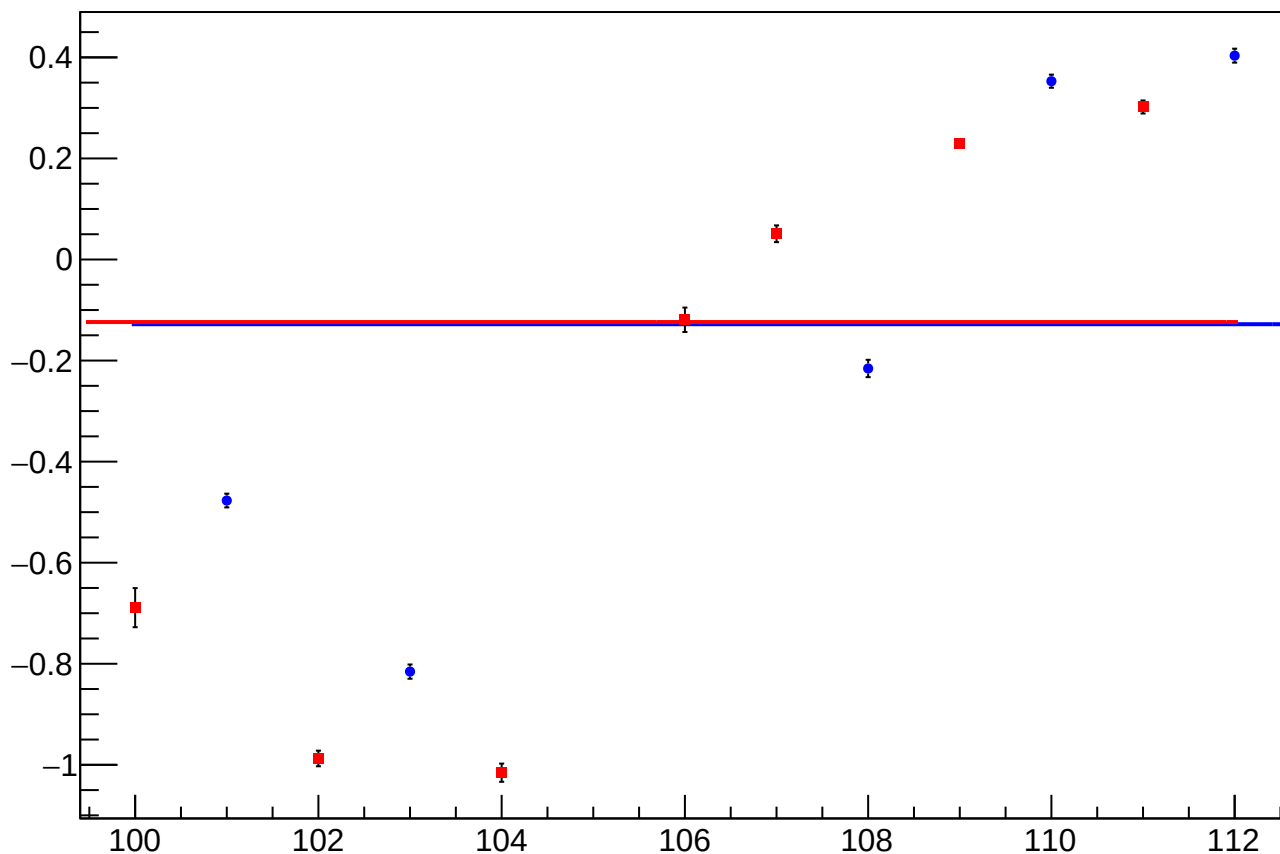
Right: -1.462+/-0.082 χ^2/NDF : 1170.9/11

In: -1.534+/-0.121 χ^2/NDF :851.2/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.462+/-0.082 χ^2/NDF : 1170.9/11

reg_asym_bcm_an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.128+/-0.006 χ^2/NDF : 5905.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.124+/-0.006 χ^2/NDF : 8234.5/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

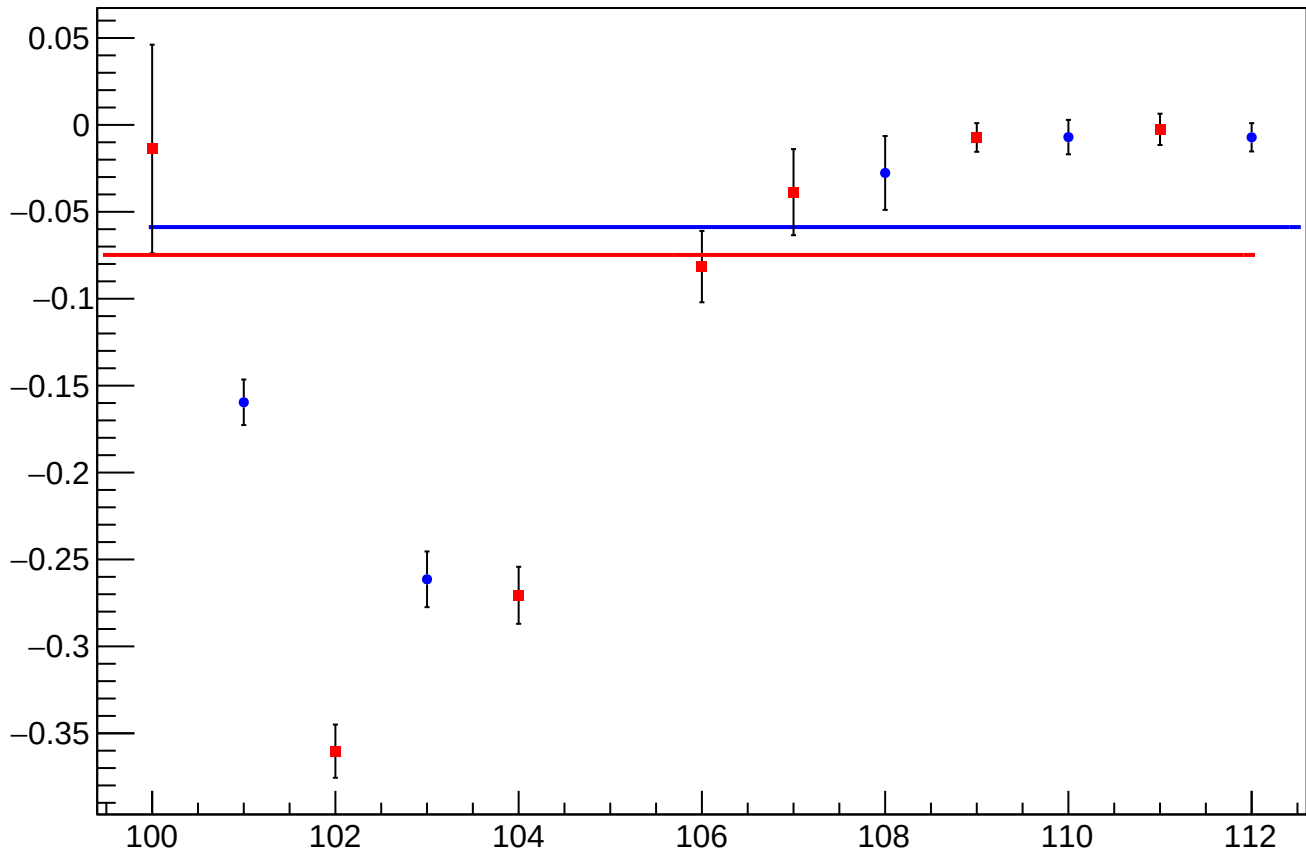
Right: -0.126+/-0.004 χ^2/NDF : 14139.9/11

In: -0.128+/-0.006 χ^2/NDF : 5905.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.126+/-0.004 χ^2/NDF : 14139.9/11

reg_asym_bcm_an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.059+/-0.005 χ^2/NDF : 289.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.075+/-0.005 χ^2/NDF : 625.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

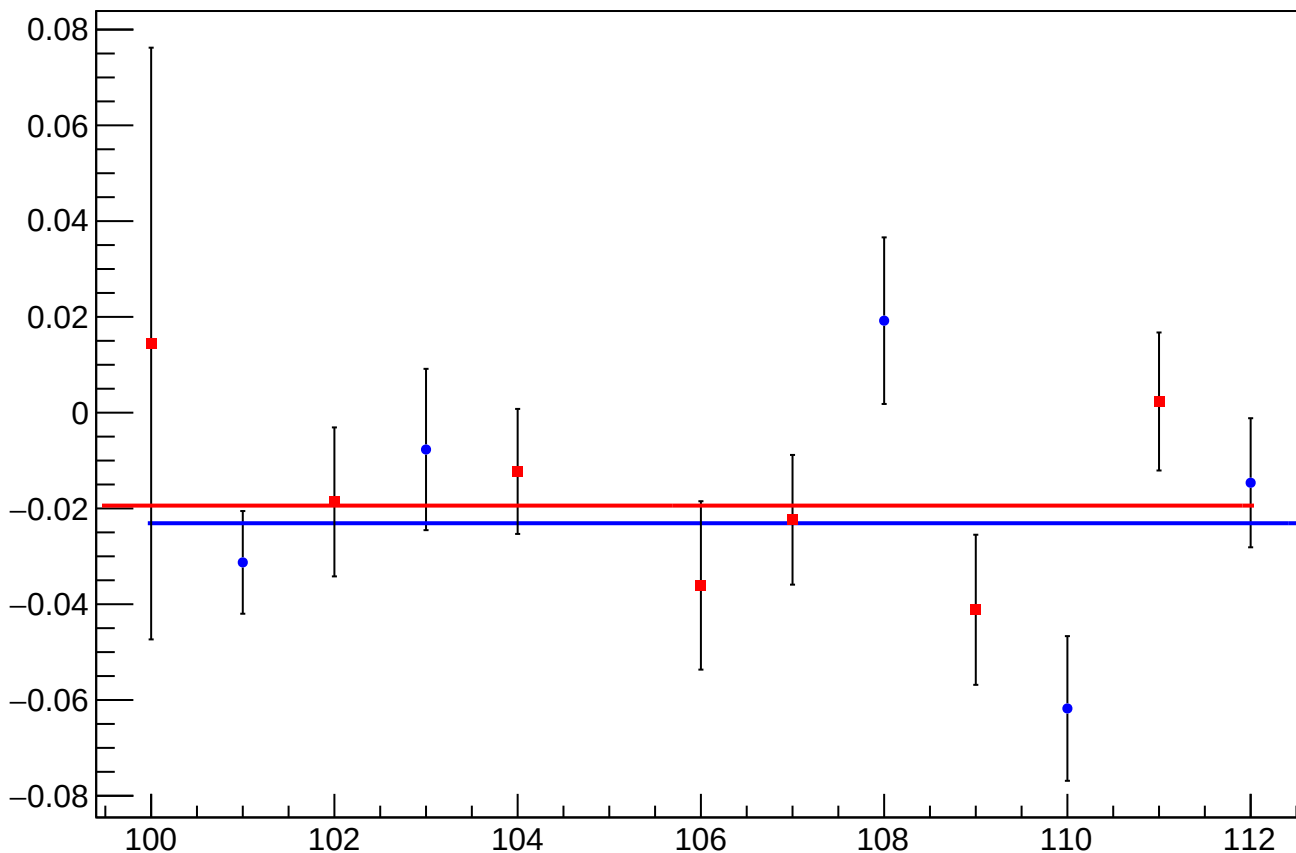
Right: -0.067+/-0.004 χ^2/NDF : 918.9/11

In: -0.059+/-0.005 χ^2/NDF : 289.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.067+/-0.004 χ^2/NDF : 918.9/11

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023+/-0.006 χ^2/NDF : 14.3/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.019+/-0.006 χ^2/NDF : 5.8/6

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

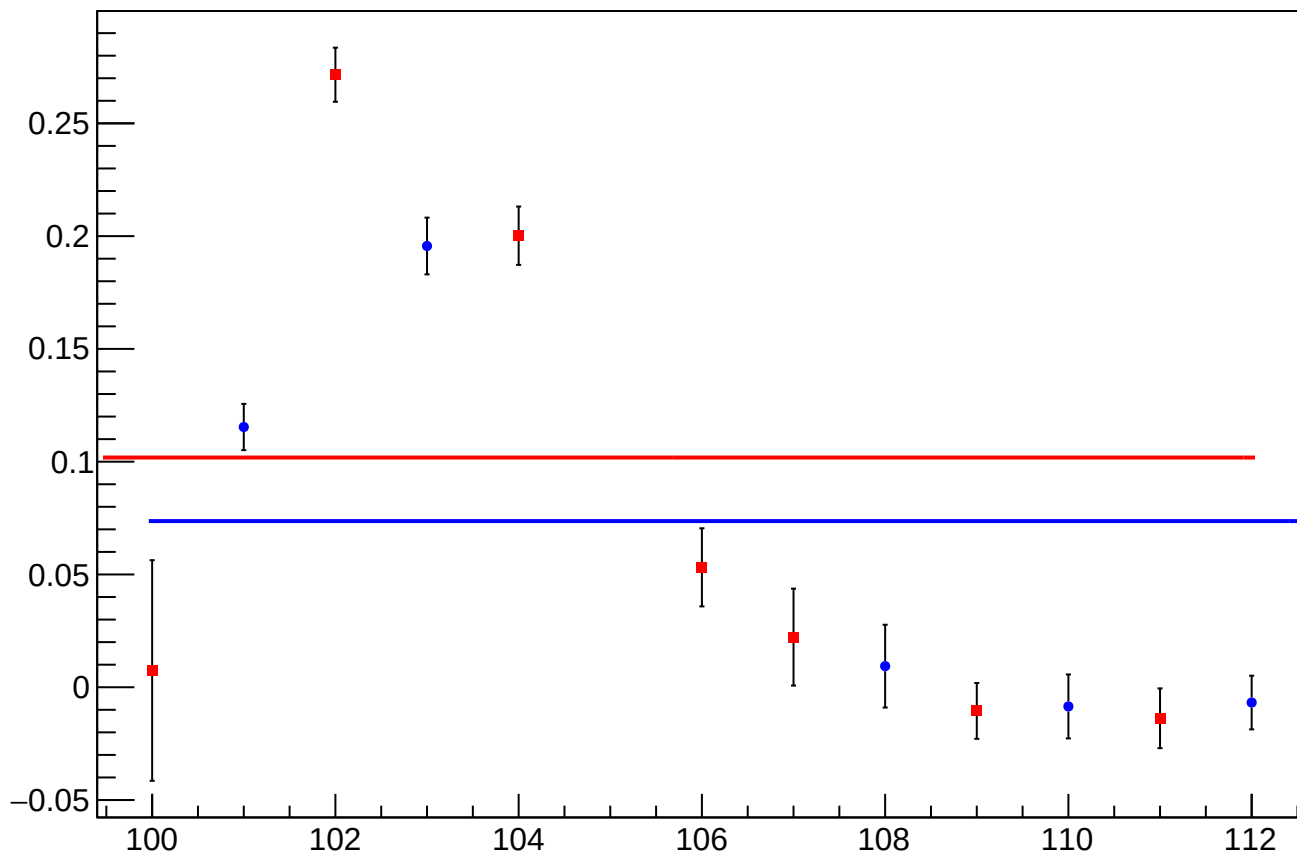
Right: -0.021+/-0.004 χ^2/NDF : 20.2/11

In: -0.023+/-0.006 χ^2/NDF :14.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.021+/-0.004 χ^2/NDF : 20.2/11

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.074+/-0.006 χ^2/NDF : 202.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.102+/-0.006 χ^2/NDF : 442.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

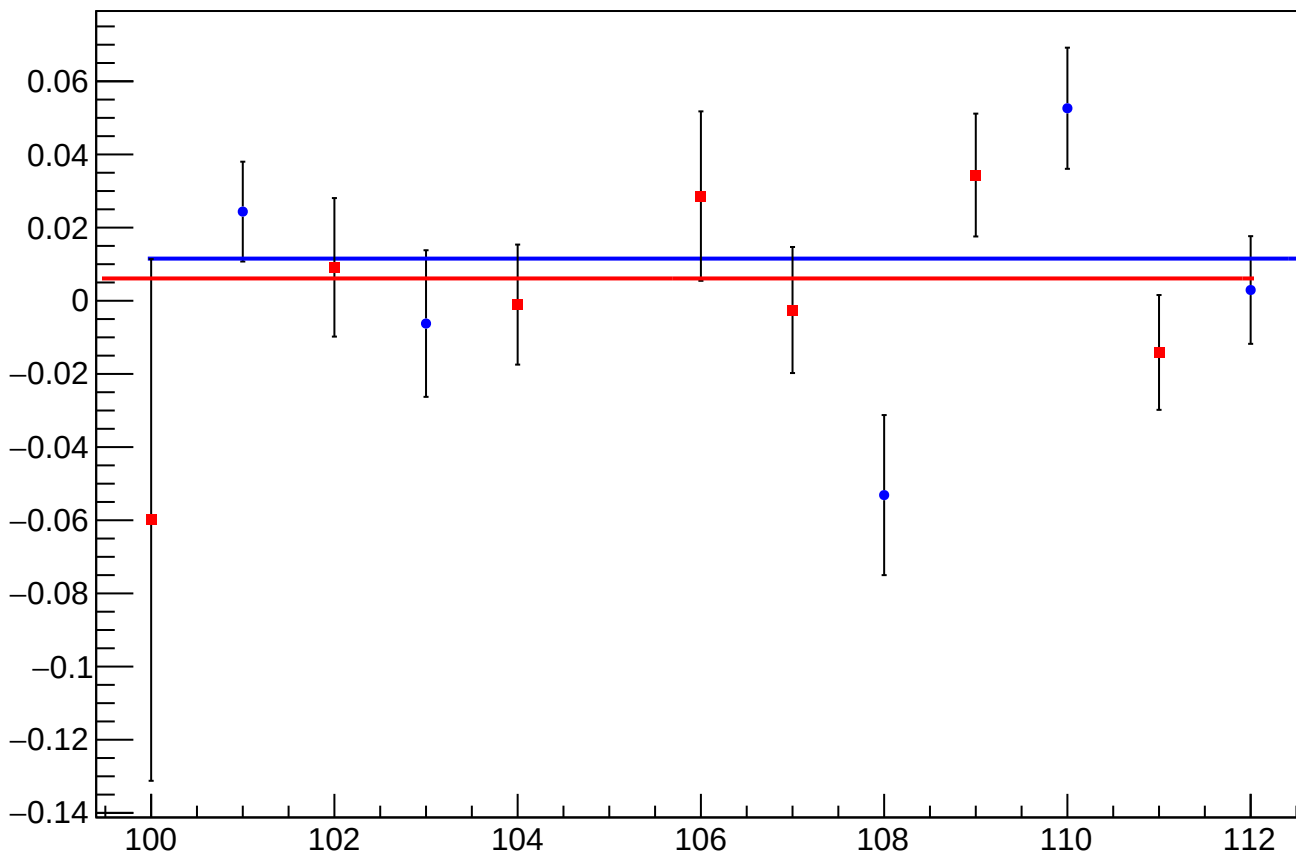
Right: 0.088+/-0.004 χ^2/NDF : 656.4/11

In: 0.074+/-0.006 χ^2/NDF : 202.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.088+/-0.004 χ^2/NDF : 656.4/11

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.012+/-0.007 χ^2/NDF : 16.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.007 χ^2/NDF : 6.8/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

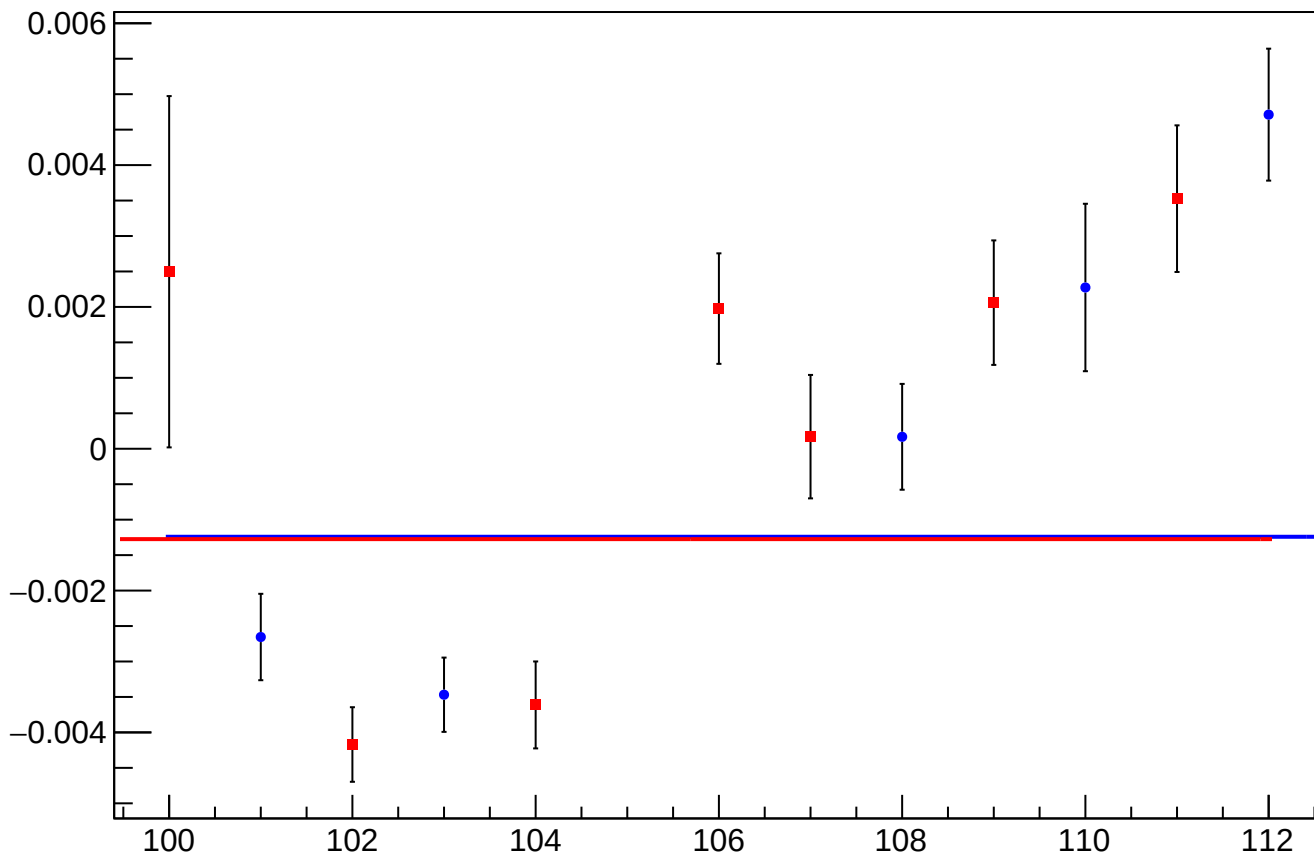
Right: 0.009+/-0.005 χ^2/NDF : 23.9/11

In: 0.012+/-0.007 χ^2/NDF : 16.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.005 χ^2/NDF : 23.9/11

reg_asym_bcm_an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.001+/-0.000 χ^2/NDF : 76.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.001+/-0.000 χ^2/NDF : 103.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

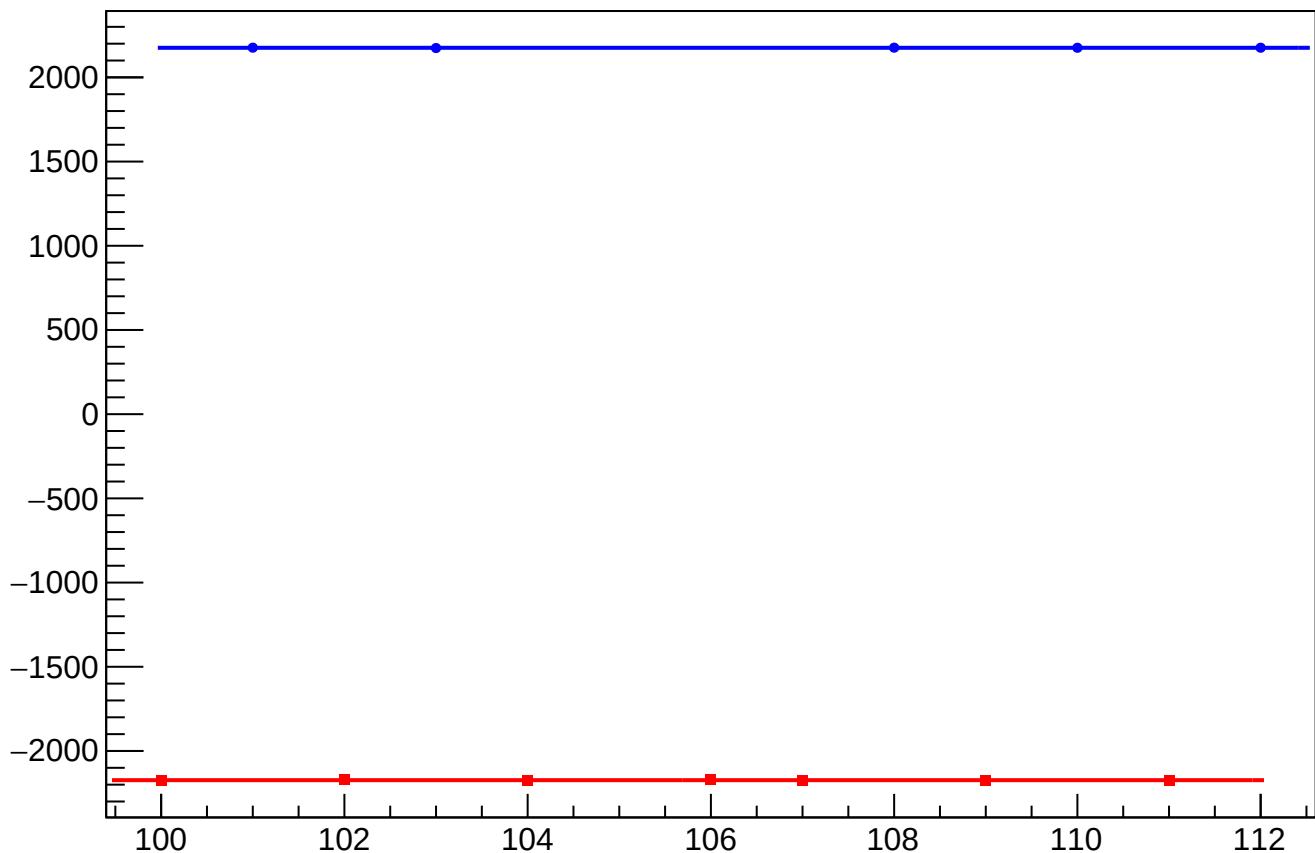
Right: -0.001+/-0.000 χ^2/NDF : 180.2/11

In: -0.001+/-0.000 χ^2/NDF : 76.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

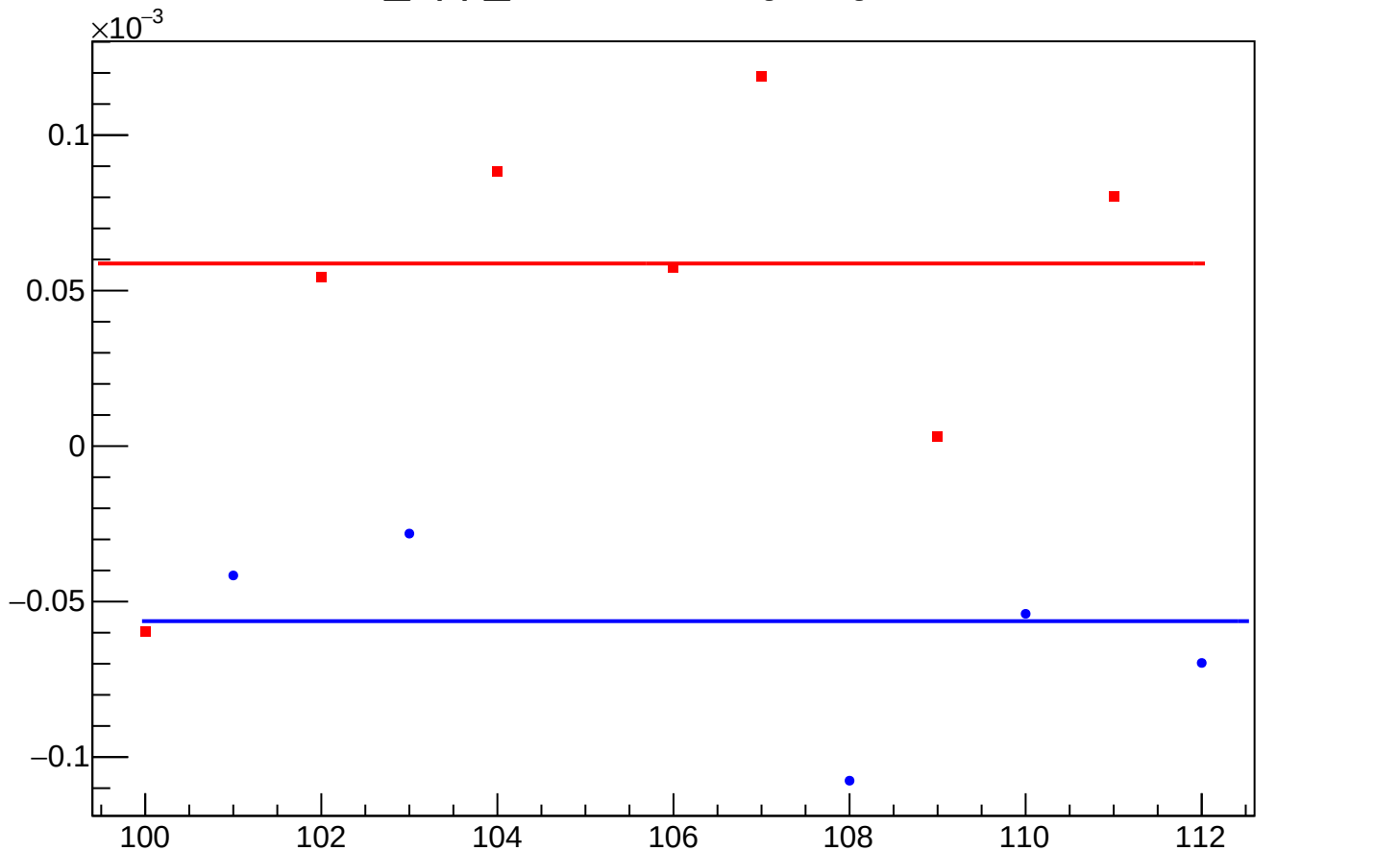
All: -0.001+/-0.000 χ^2/NDF : 180.2/11

HALLA_p_mean vs Slug, Sign Corrected



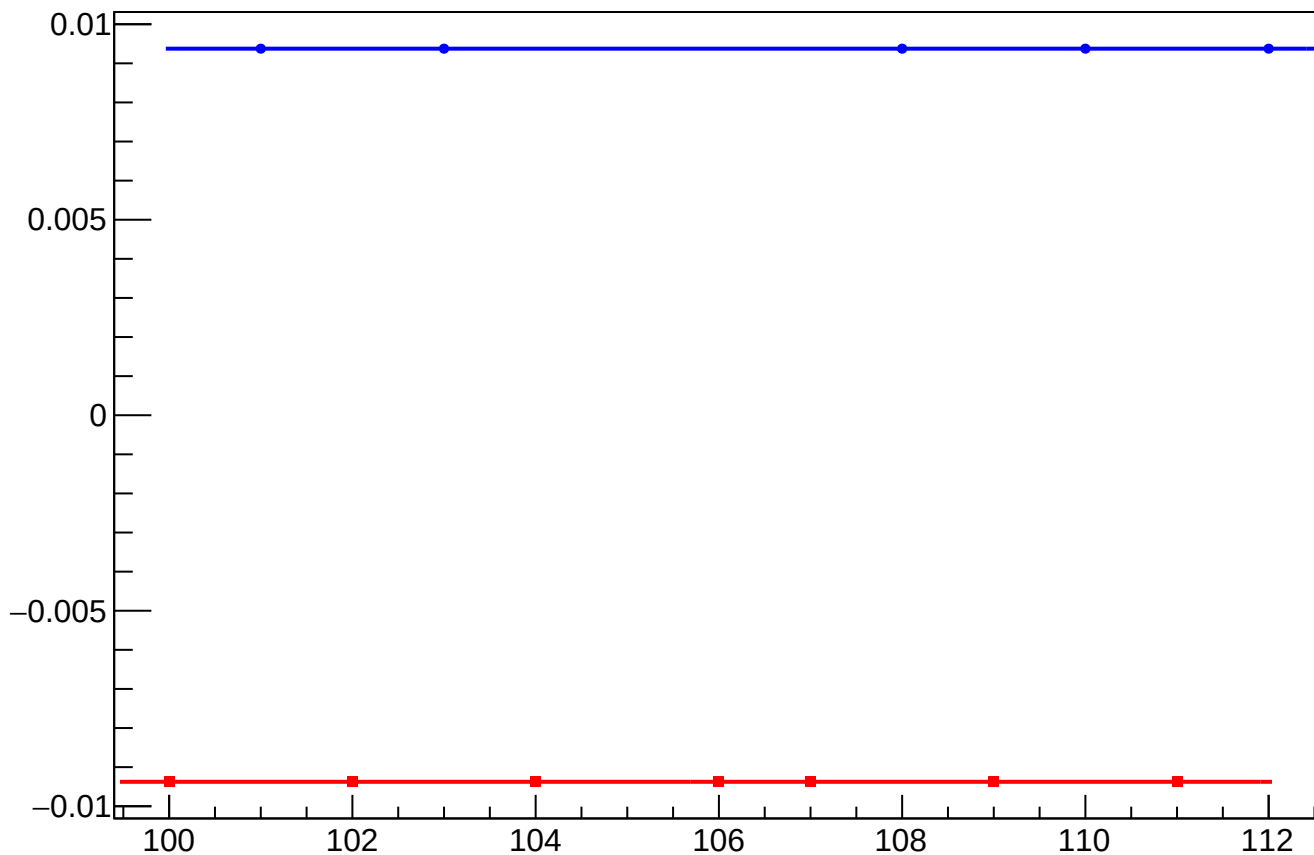
Right In: 2175.639+/-0.000 χ^2/NDF : 203792581834312143193727872008192.0/4
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -2173.372+/-0.000 χ^2/NDF : 1949840243954846011831960058462208.0/6
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -102.795+/-0.000 χ^2/NDF : 25664156674822

HALLA_dpp_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 181673449945875125108736.0/4
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 416849613095147921211392.0/6
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 23933238418186686

MQ171LM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

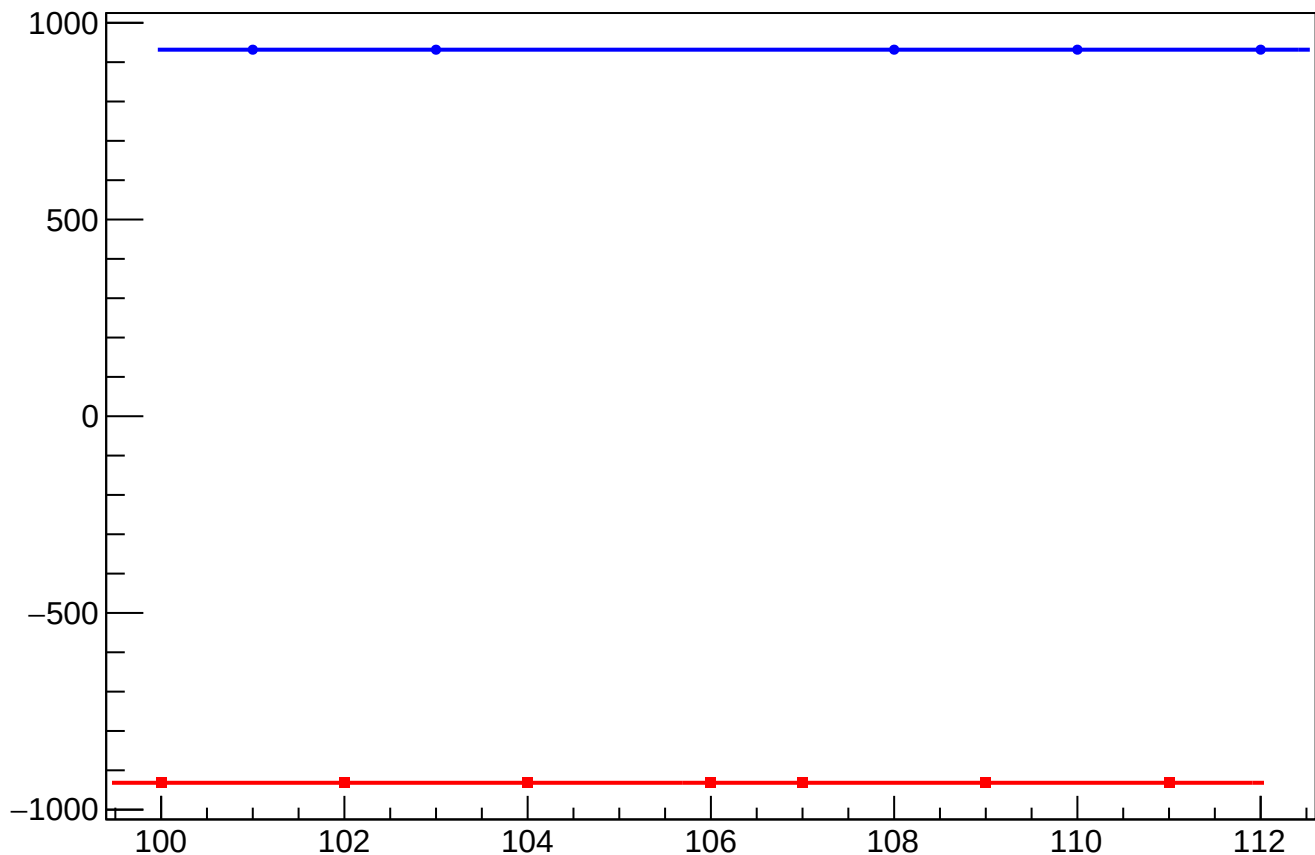
Right: -0.000+/-0.000 χ^2/NDF : 4770328297334556

In: 0.009+/-0.000 χ^2/NDF : 0.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

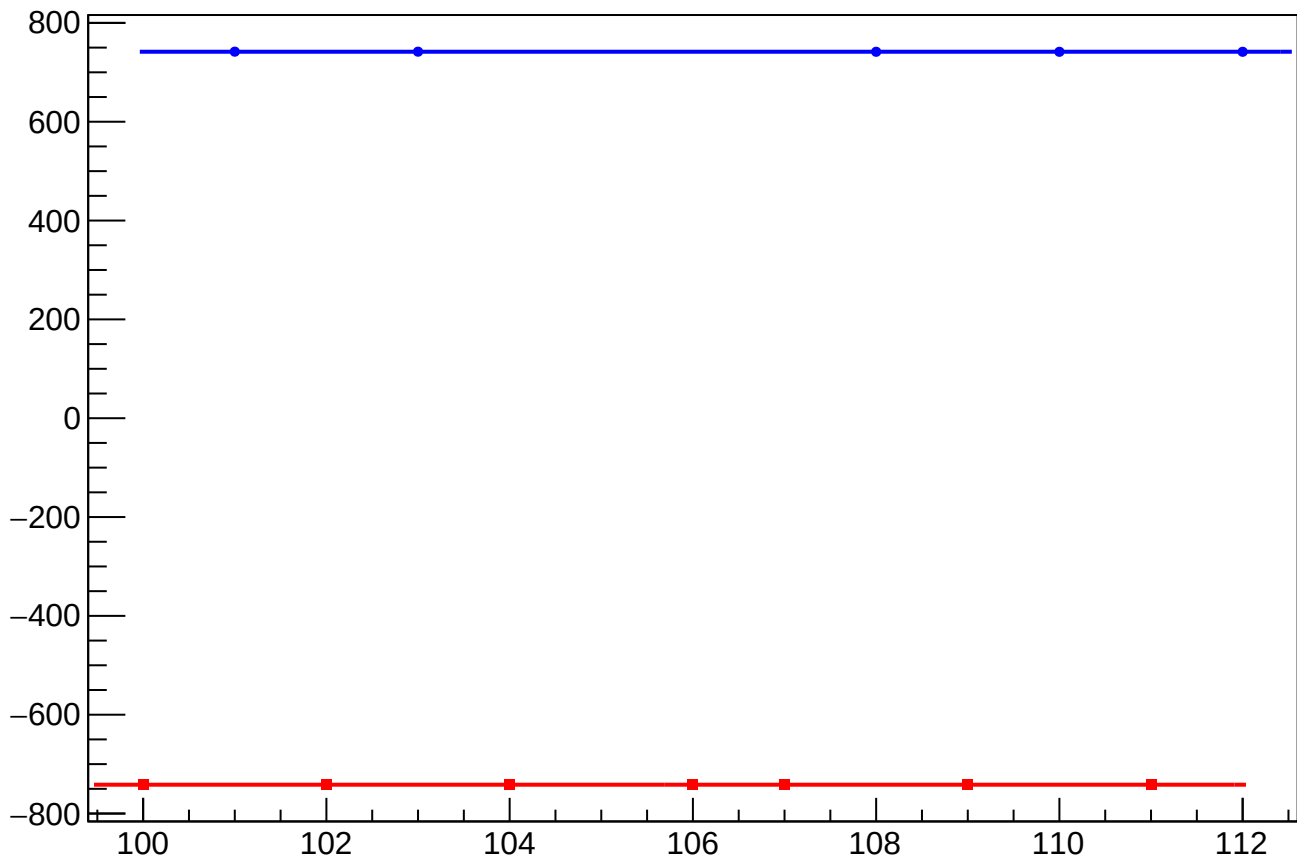
All: -0.000+/-0.000 χ^2/NDF : 4770328297334

HacL_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



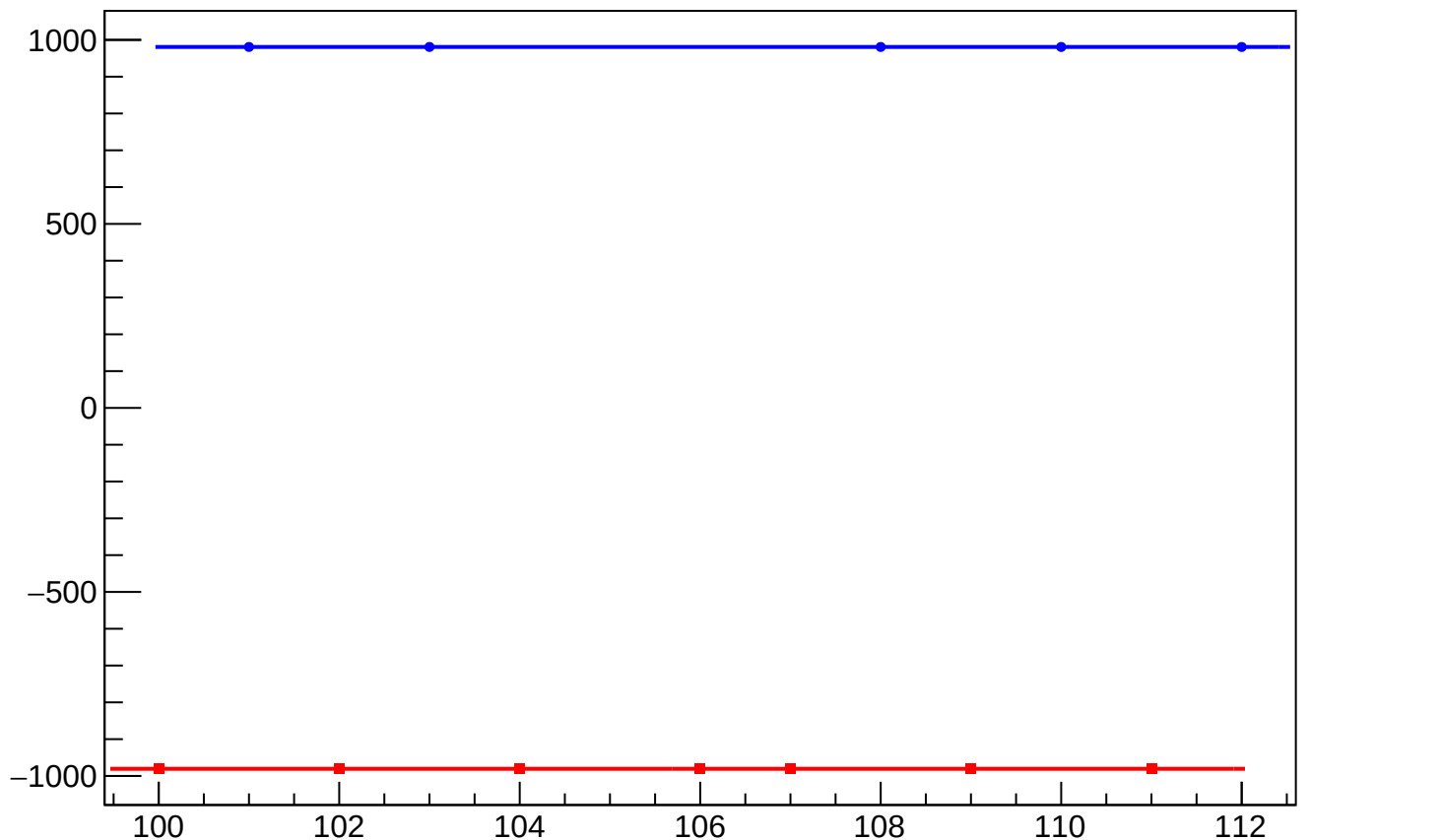
Right In: 931.713+/-0.000 χ^2/NDF : 251430902344098521244476899328.0/4
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -931.714+/-0.000 χ^2/NDF : 268381335015635825718877749248.0/6
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -44.531+/-0.000 χ^2/NDF : 471162122048167

HacL_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



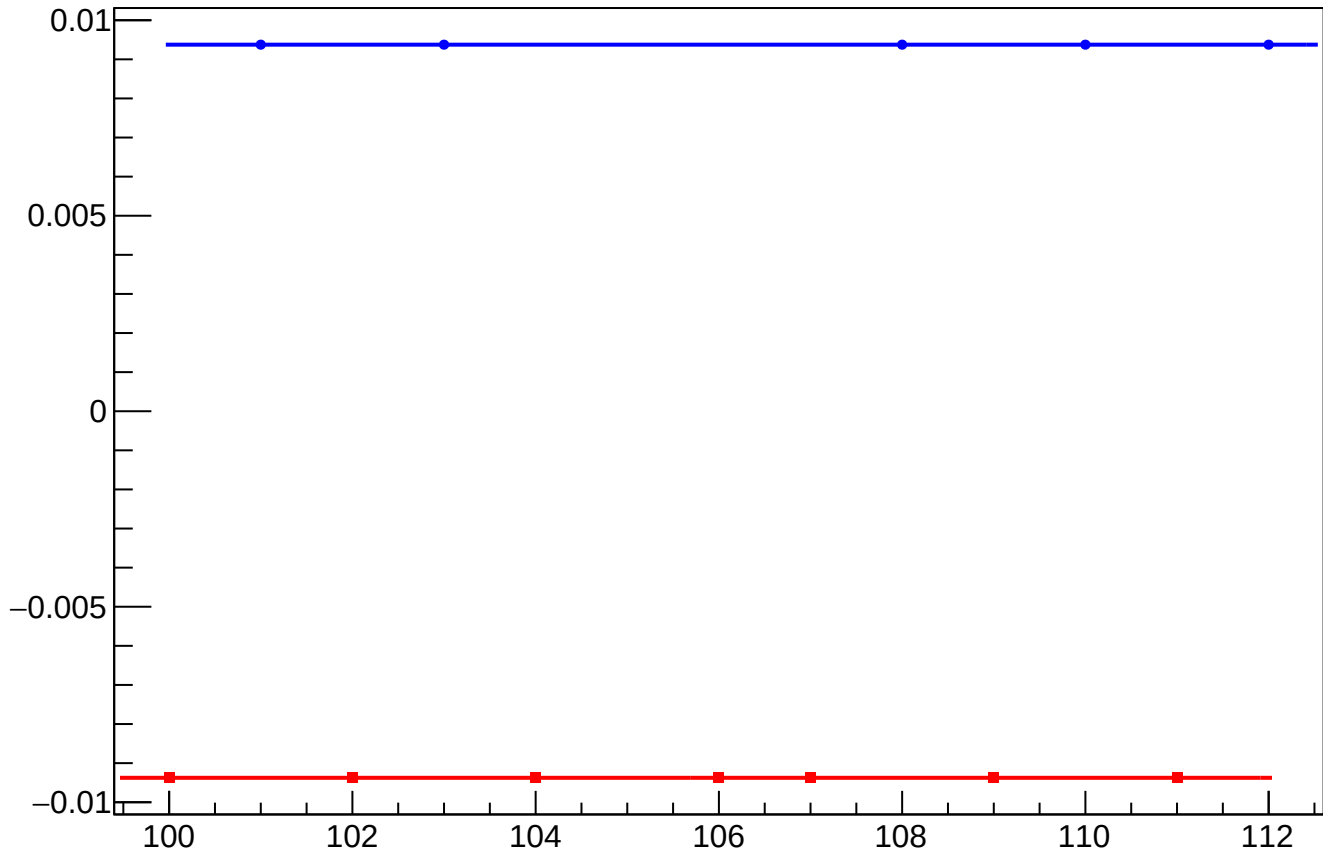
Right In: 741.648+/-0.000 χ^2/NDF : 3896805186272436736139114577920.0/4
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -741.661+/-0.000 χ^2/NDF : 4404665027822053368334582284288.0/6
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -35.453+/-0.000 χ^2/NDF : 298544709599185

HacL_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -46.776+/-0.000 χ^2/NDF : 521999429293200
 Right In: 980.786+/-0.000 χ^2/NDF : 219930171139525177240998379520.0/4
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 980.786+/-0.000 χ^2/NDF : 219930171139525177240998379520.0/4
 Right Out: -980.596+/-0.000 χ^2/NDF : 48014338370133677153679346499584.0/6
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -46.776+/-0.000 χ^2/NDF : 521999429293

MQ172RM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

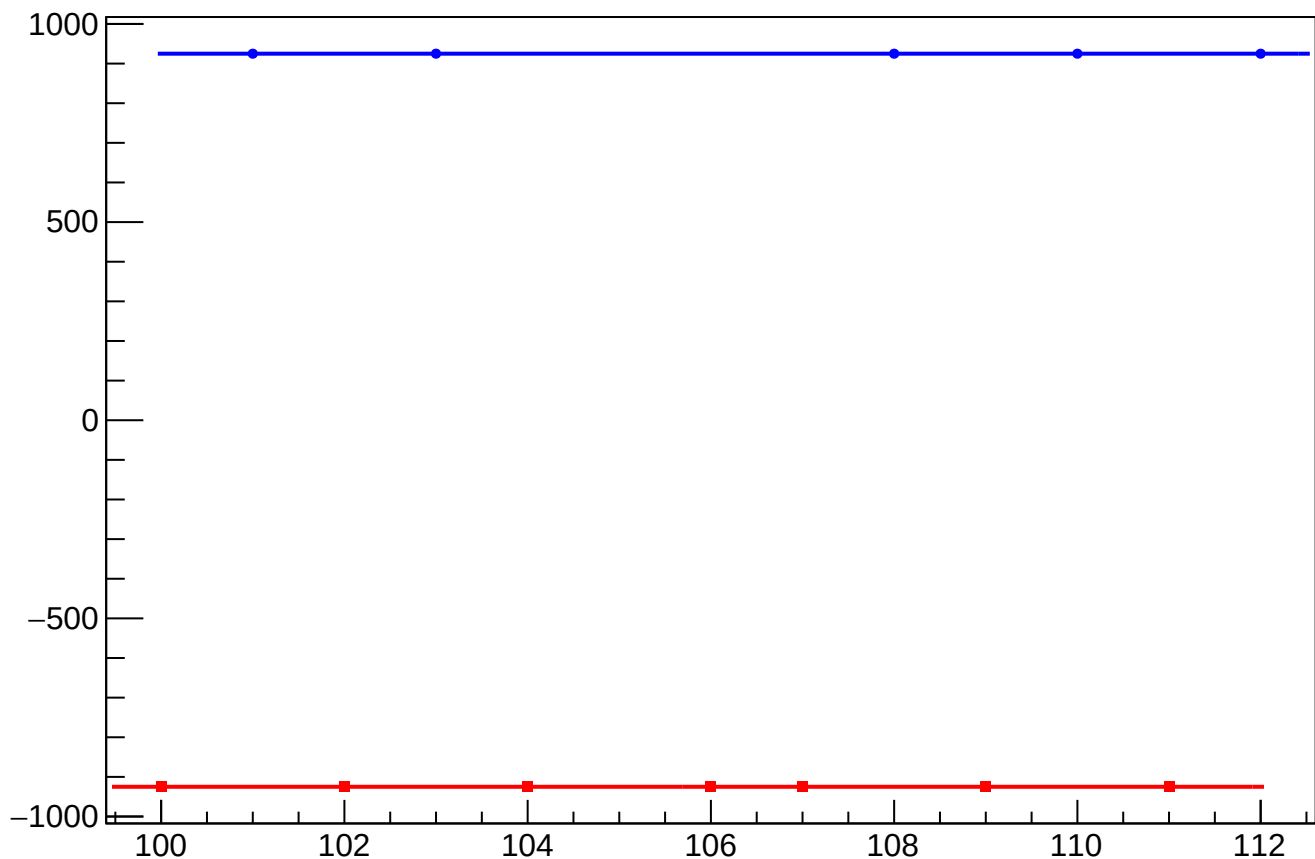
Right: -0.000+/-0.000 χ^2/NDF : 4770328297334556

In: 0.009+/-0.000 χ^2/NDF : 0.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

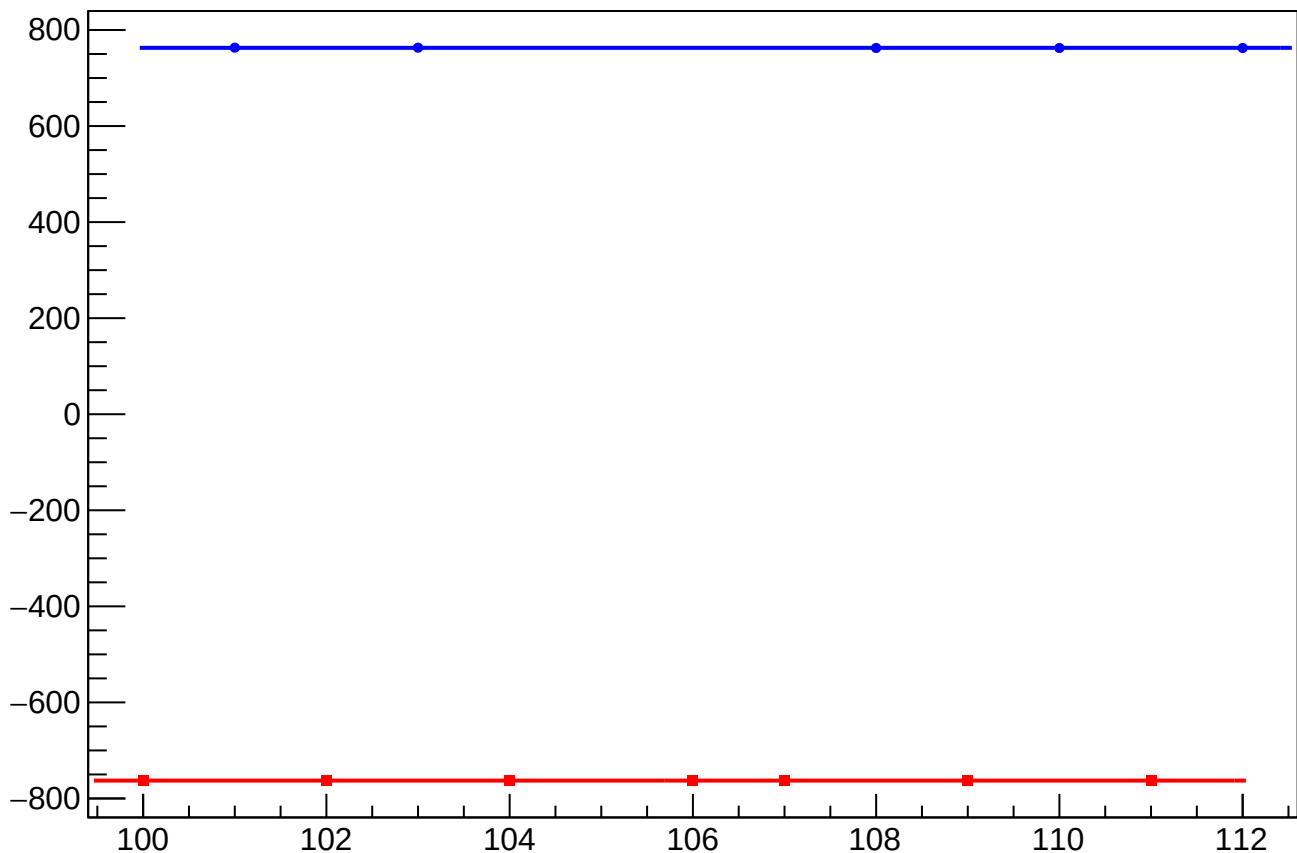
All: -0.000+/-0.000 χ^2/NDF : 4770328297334

HacR_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



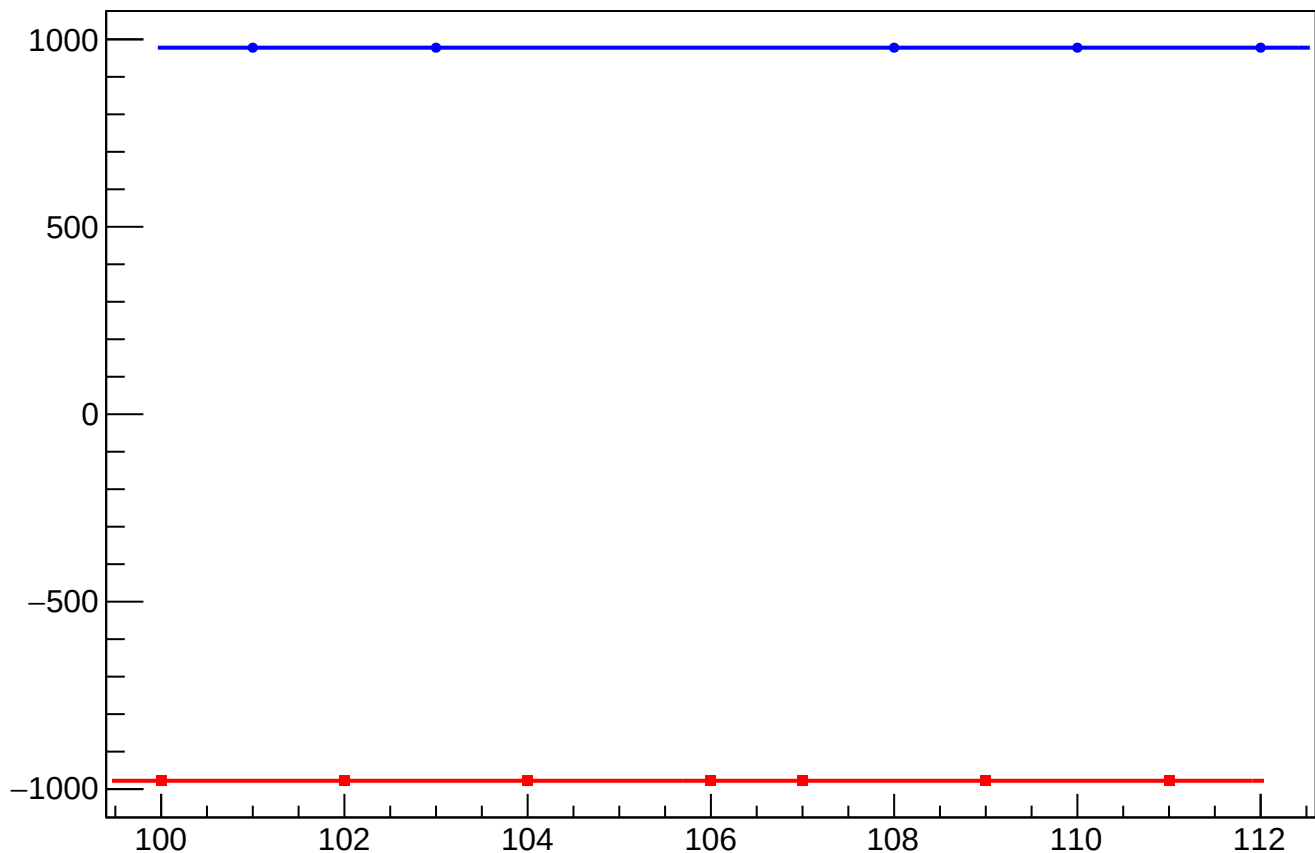
Right In: 924.969+/-0.000 χ^2/NDF : 157038198104917695670459039744.0/4
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -924.970+/-0.000 χ^2/NDF : 152110964566260398904999673856.0/6
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -44.209+/-0.000 χ^2/NDF : 464366386523506

HacR_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



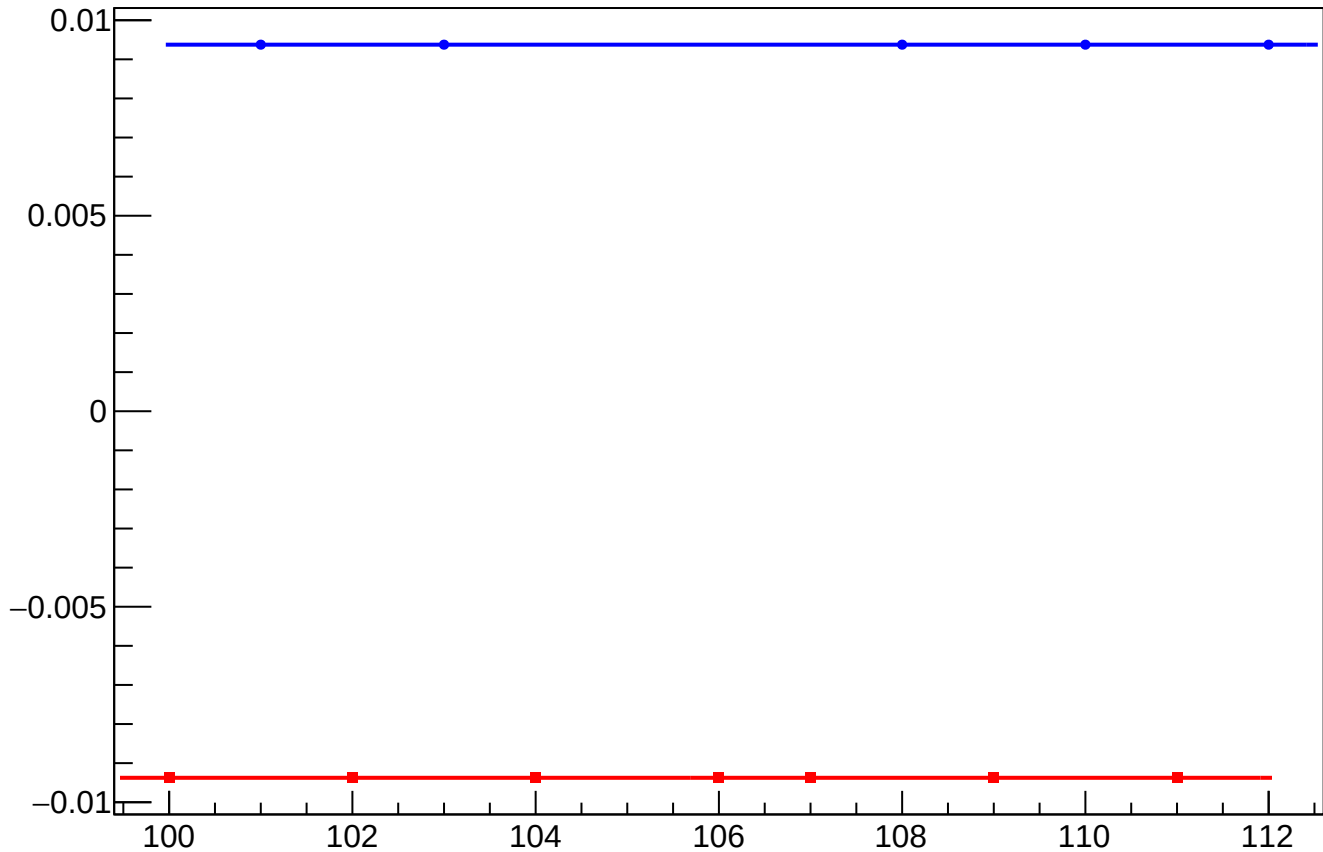
Right In: 762.838+/-0.000 χ^2/NDF : 30868968236954584730840980258816.0/4
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -762.816+/-0.000 χ^2/NDF : 35326922817434403294846507810816.0/6
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -36.448+/-0.000 χ^2/NDF : 315833150981805

HacR_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 977.766+/-0.000 χ^2/NDF : 177509769879171223840465354752.0/4
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -977.744+/-0.000 χ^2/NDF : 105835283452308546052725669888.0/6
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -46.720+/-0.000 χ^2/NDF : 518878719163393

hesDipole_current_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

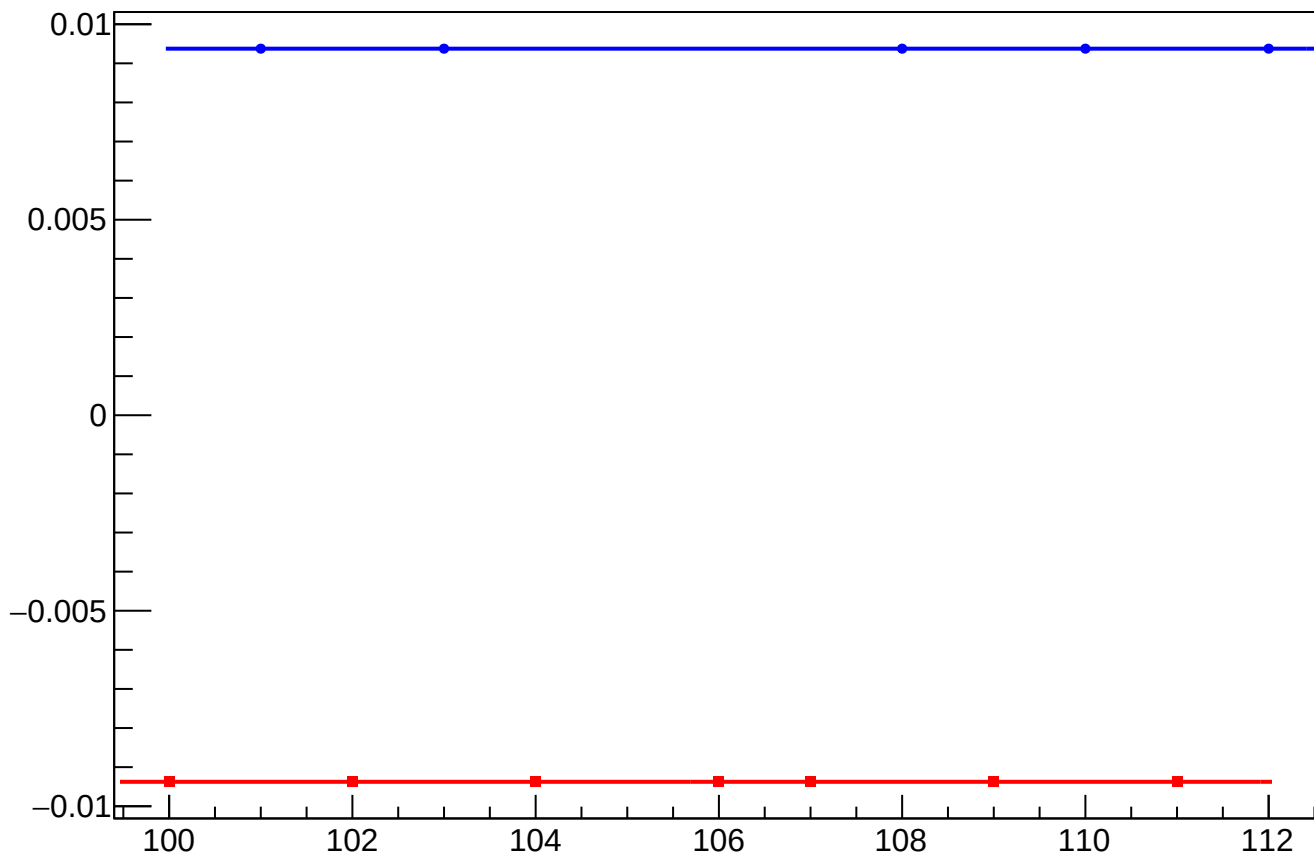
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 4770328297334556

In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 4770328297334

MSUPERBIGBITereadcalc_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

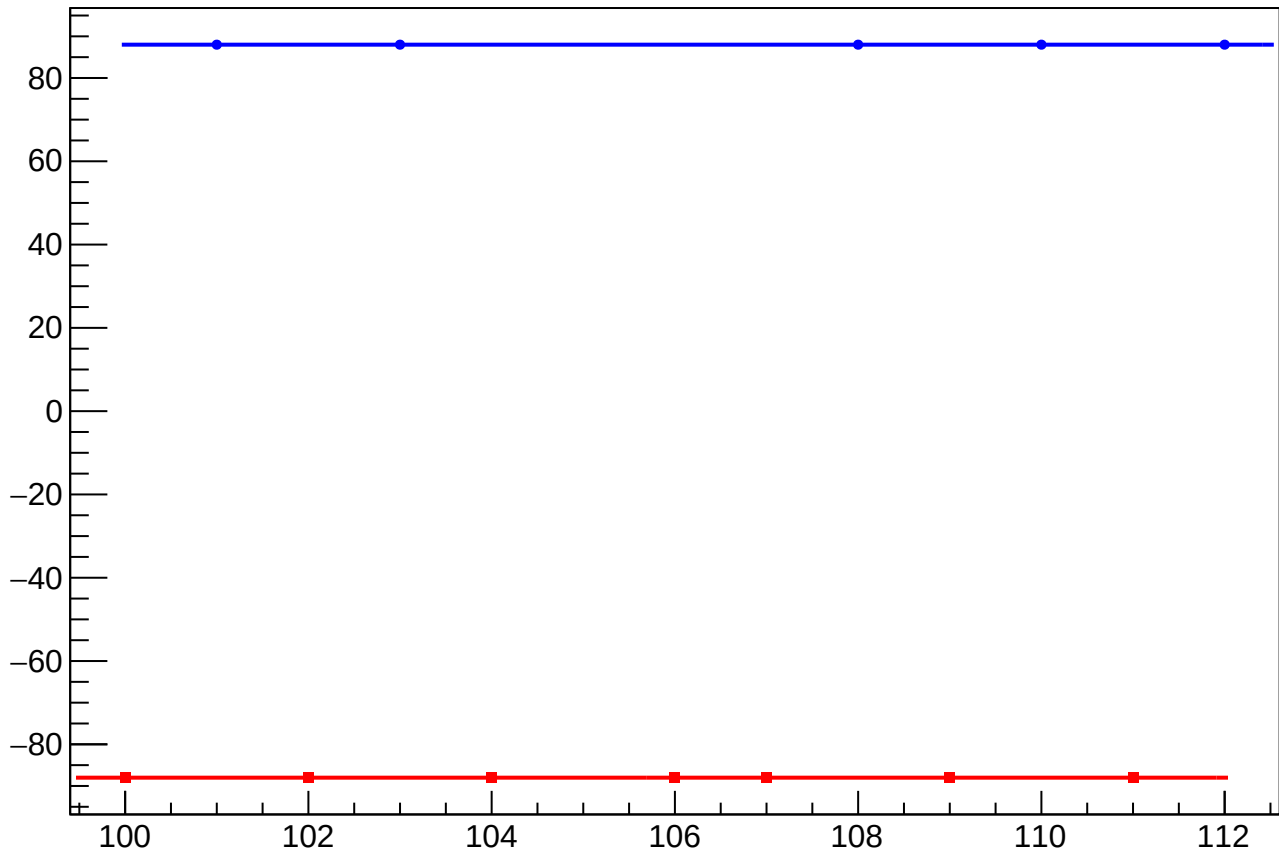
Right: -0.000+/-0.000 χ^2/NDF : 4770328297334556

In: 0.009+/-0.000 χ^2/NDF : 0.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4770328297334

VWienAngle_mean vs Slug, Sign Corrected



Right In: 88.001+/-0.000 χ^2/NDF : 440651.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -88.008+/-0.000 χ^2/NDF : 63872955829066536585147711488.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

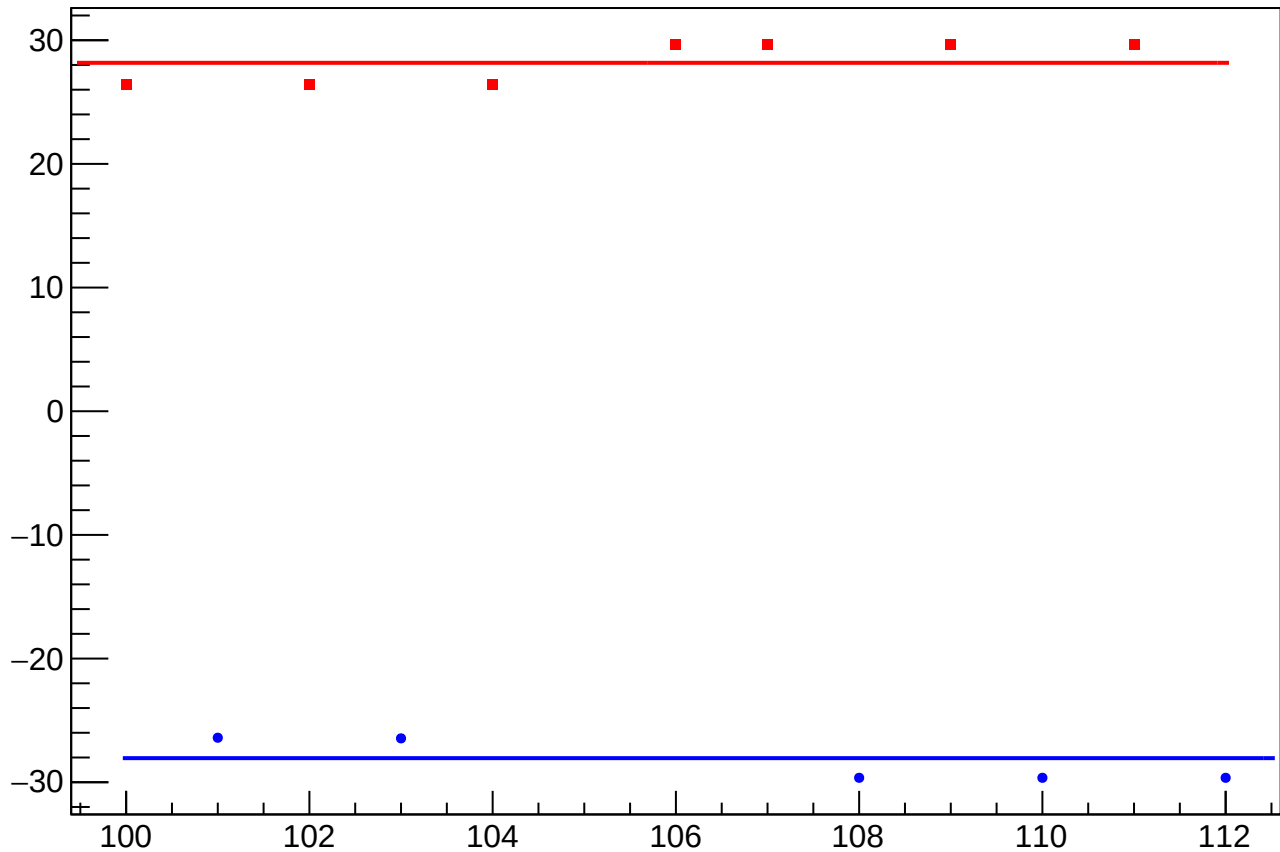
Right: -4.210+/-0.000 χ^2/NDF : 4203525894128058

In: 88.001+/-0.000 χ^2/NDF : 440651.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

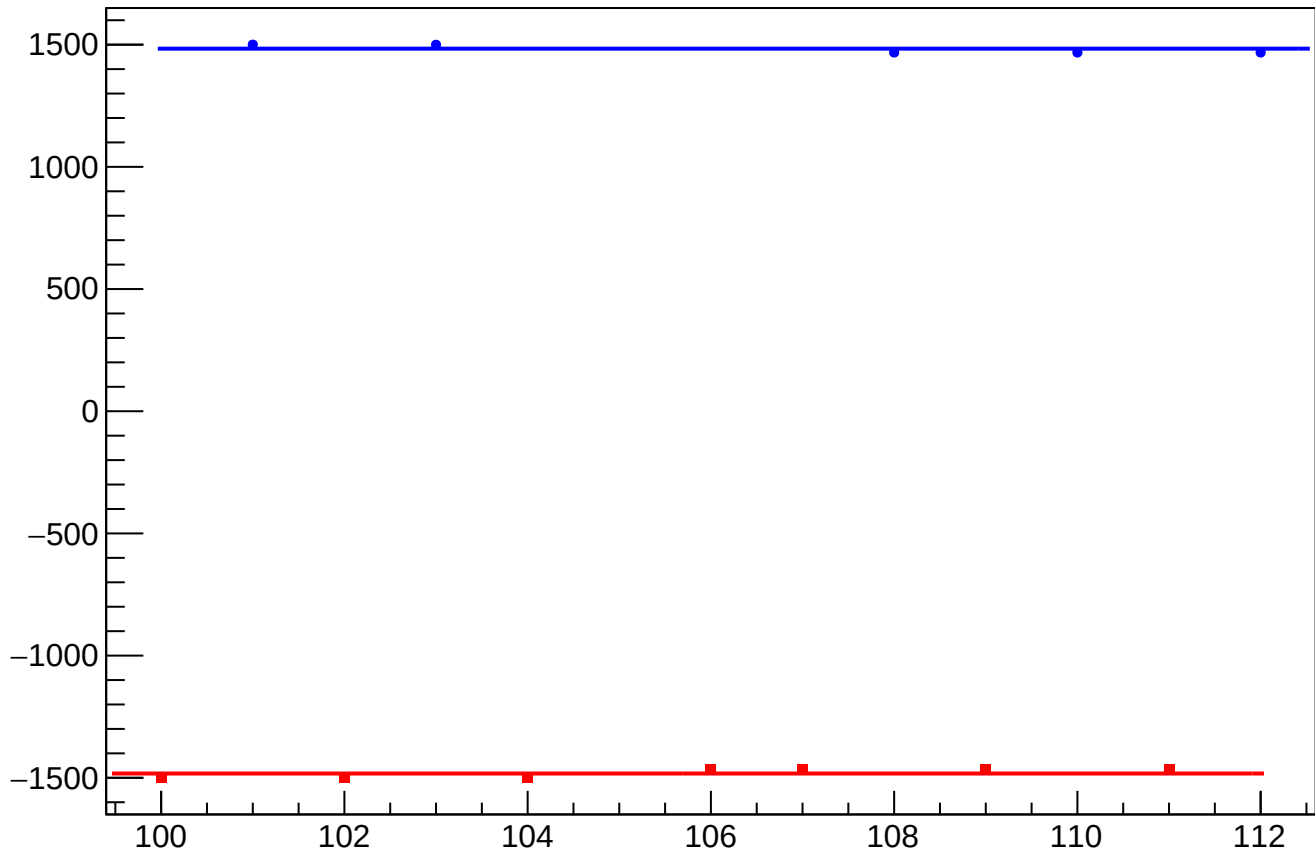
All: -4.210+/-0.000 χ^2/NDF : 4203525894128

HWienAngle_mean vs Slug, Sign Corrected



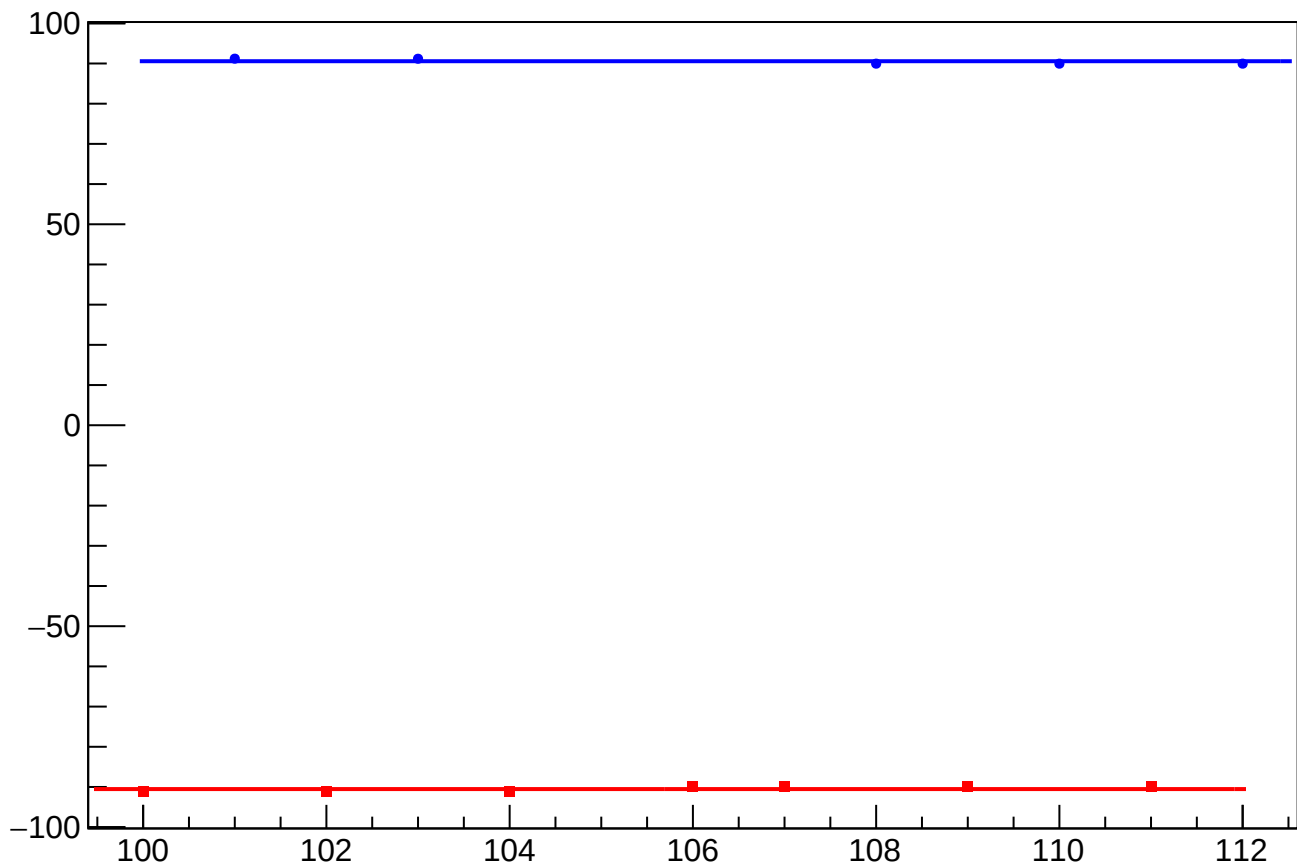
Right In: -28.052+/-0.000 χ^2/NDF : 669135308108124774133511271481344.0/4
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 28.174+/-0.000 χ^2/NDF : 741241061052646429941436354920448.0/6
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1.405+/-0.000 χ^2/NDF : 43037599089028387

psub_pl_pos_mean vs Slug, Sign Corrected



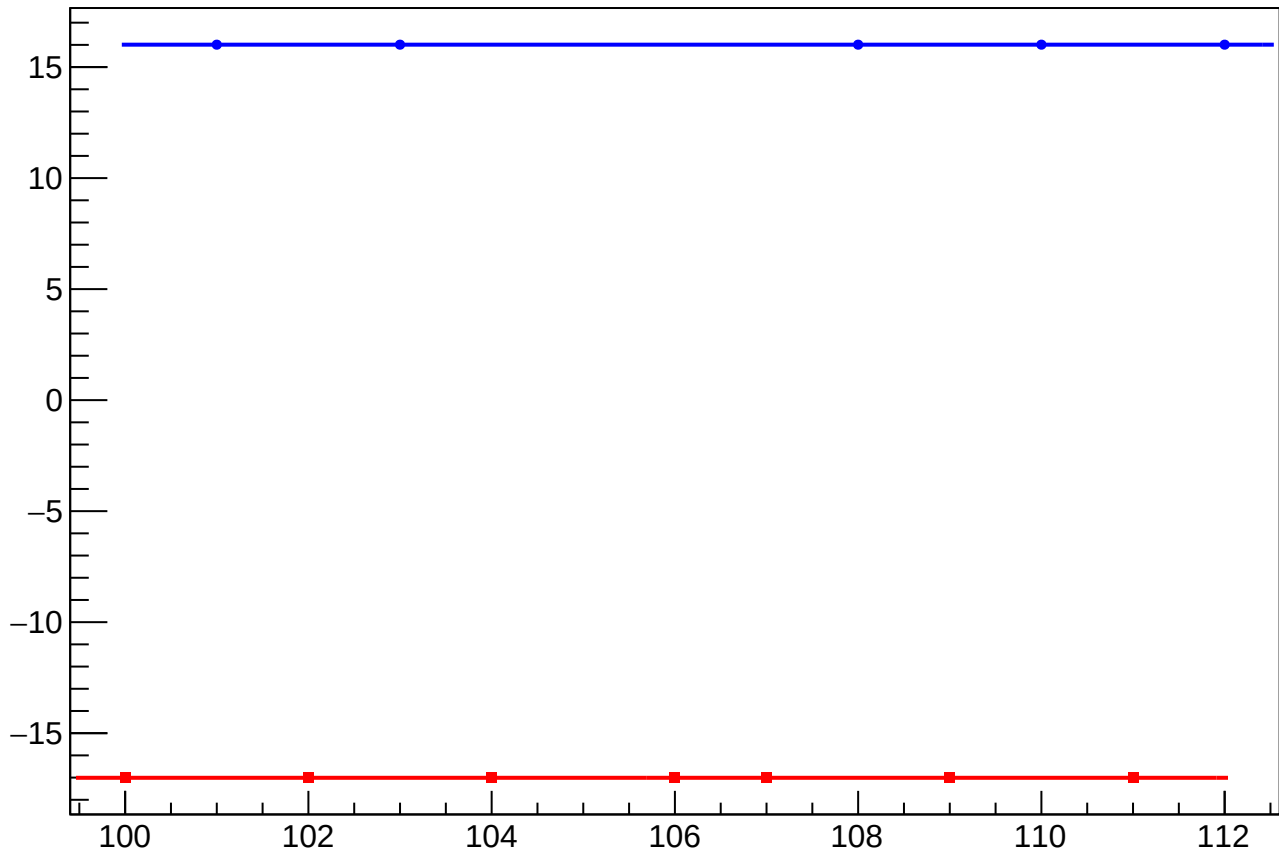
Right In: 1483.681+/-0.000 χ^2/NDF : 65358898937938914923872389294981120.0/4
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -1482.473+/-0.000 χ^2/NDF : 72401947724097672577965259799658496.0/6
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -70.279+/-0.000 χ^2/NDF : 119394208430029

Phi_FG_mean vs Slug, Sign Corrected



Right In: 90.567+/-0.000 χ^2/NDF : 98009302102111209475790501576704.0/4
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -90.521+/-0.000 χ^2/NDF : 108570745263167437698592394969088.0/6
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -4.304+/-0.000 χ^2/NDF : 4449843046220449

IGL1I00DI24_24M_mean vs Slug, Sign Corrected



Right In: 16.009+/-0.000 χ^2/NDF : 16925.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.009+/-0.000 χ^2/NDF : 1977728318789989095702528.0/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

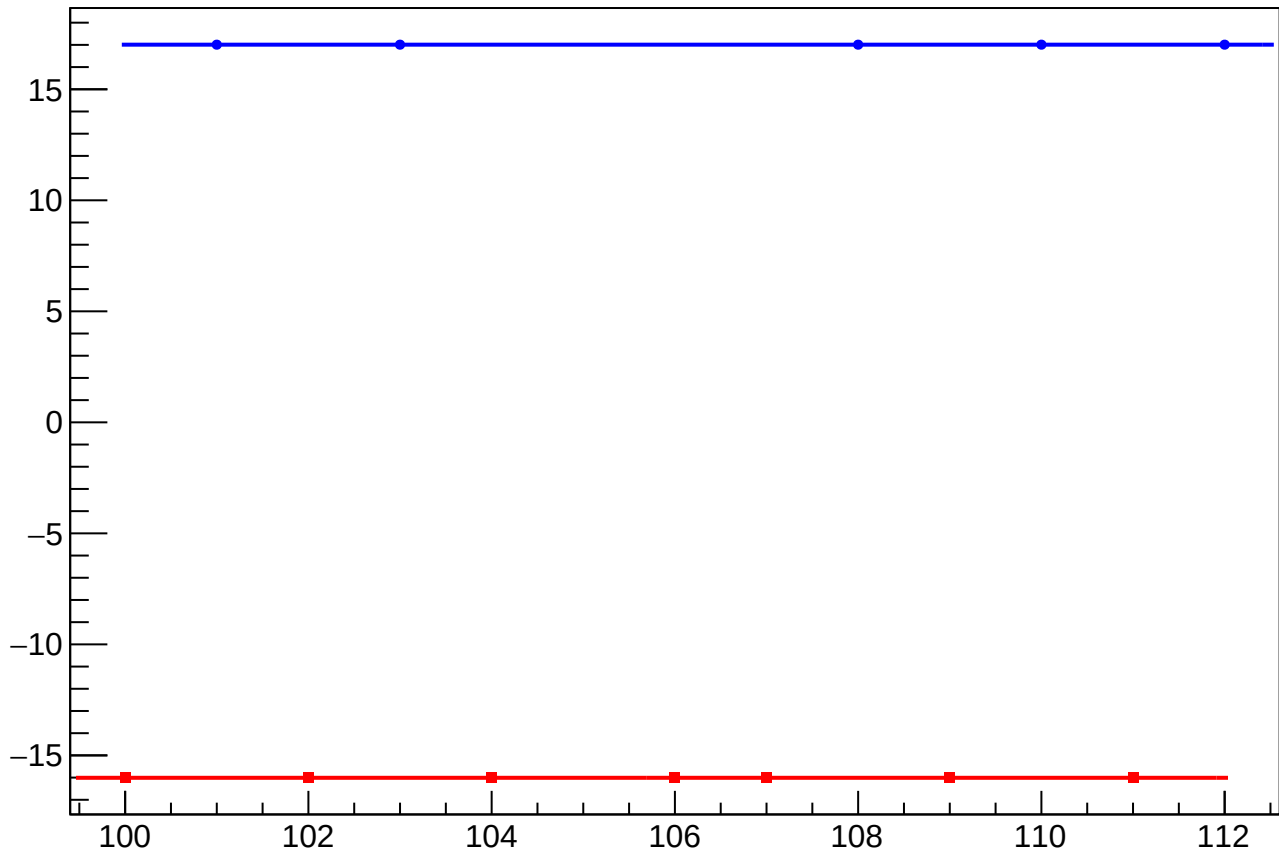
Right: -0.468+/-0.000 χ^2/NDF : 1409123532812312

In: 16.009+/-0.000 χ^2/NDF : 16925.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.468+/-0.000 χ^2/NDF : 1409123532812

IGL1I00OD16_16_mean vs Slug, Sign Corrected



Right In: 17.009+/-0.000 χ^2/NDF : 24991.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.009+/-0.000 χ^2/NDF : 14578.1/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

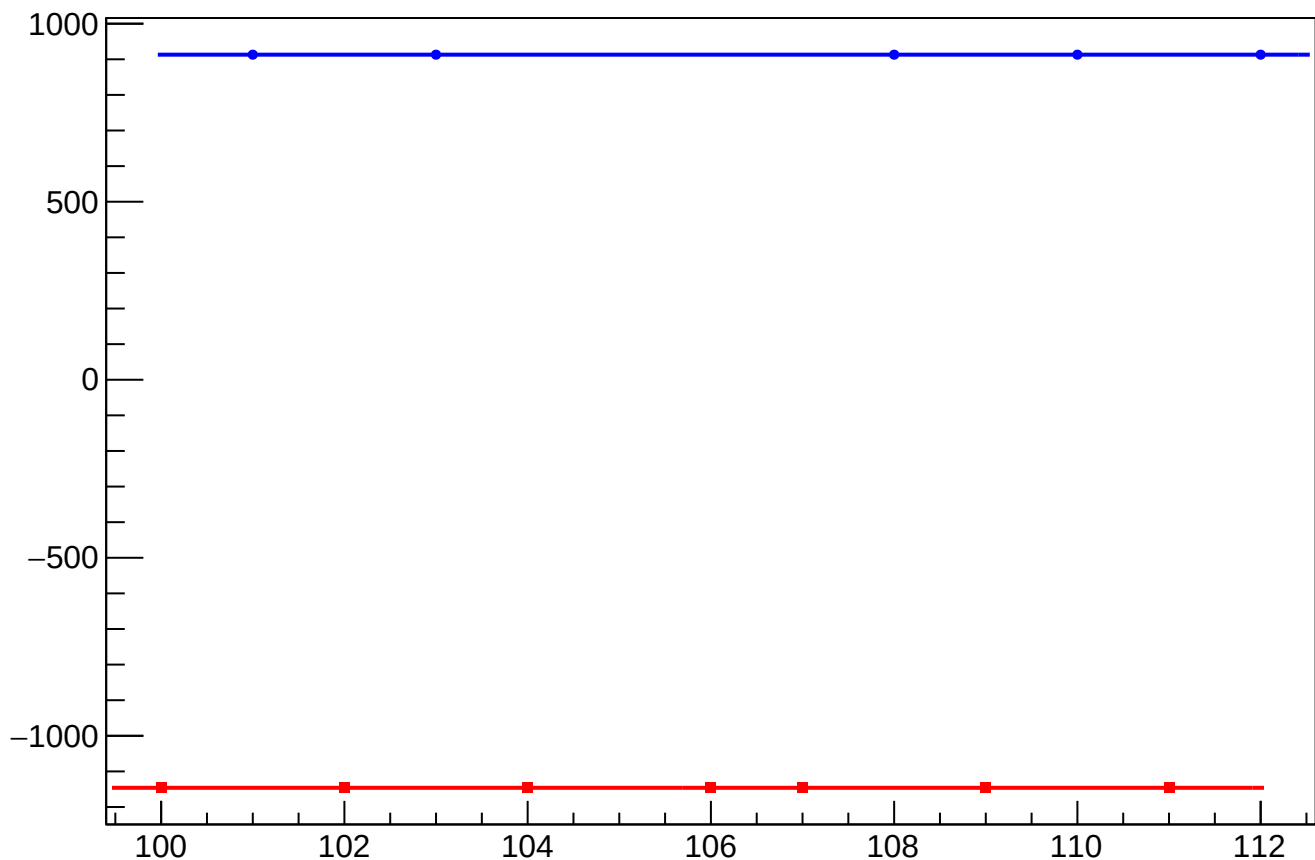
Right: -1.327+/-0.000 χ^2/NDF : 1362258659388125

In: 17.009+/-0.000 χ^2/NDF : 24991.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

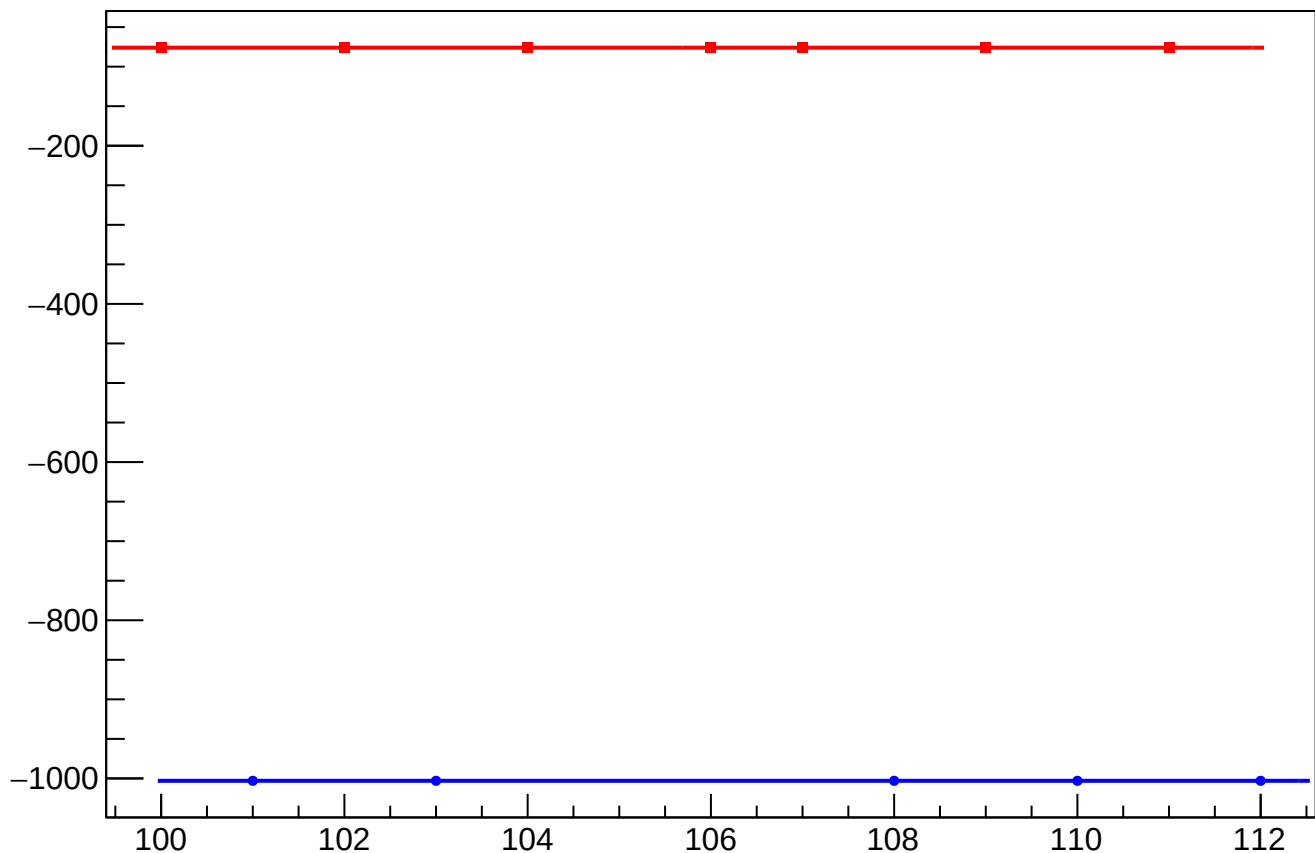
All: -1.327+/-0.000 χ^2/NDF : 1362258659388

RTPAPOSUCNT_mean vs Slug, Sign Corrected



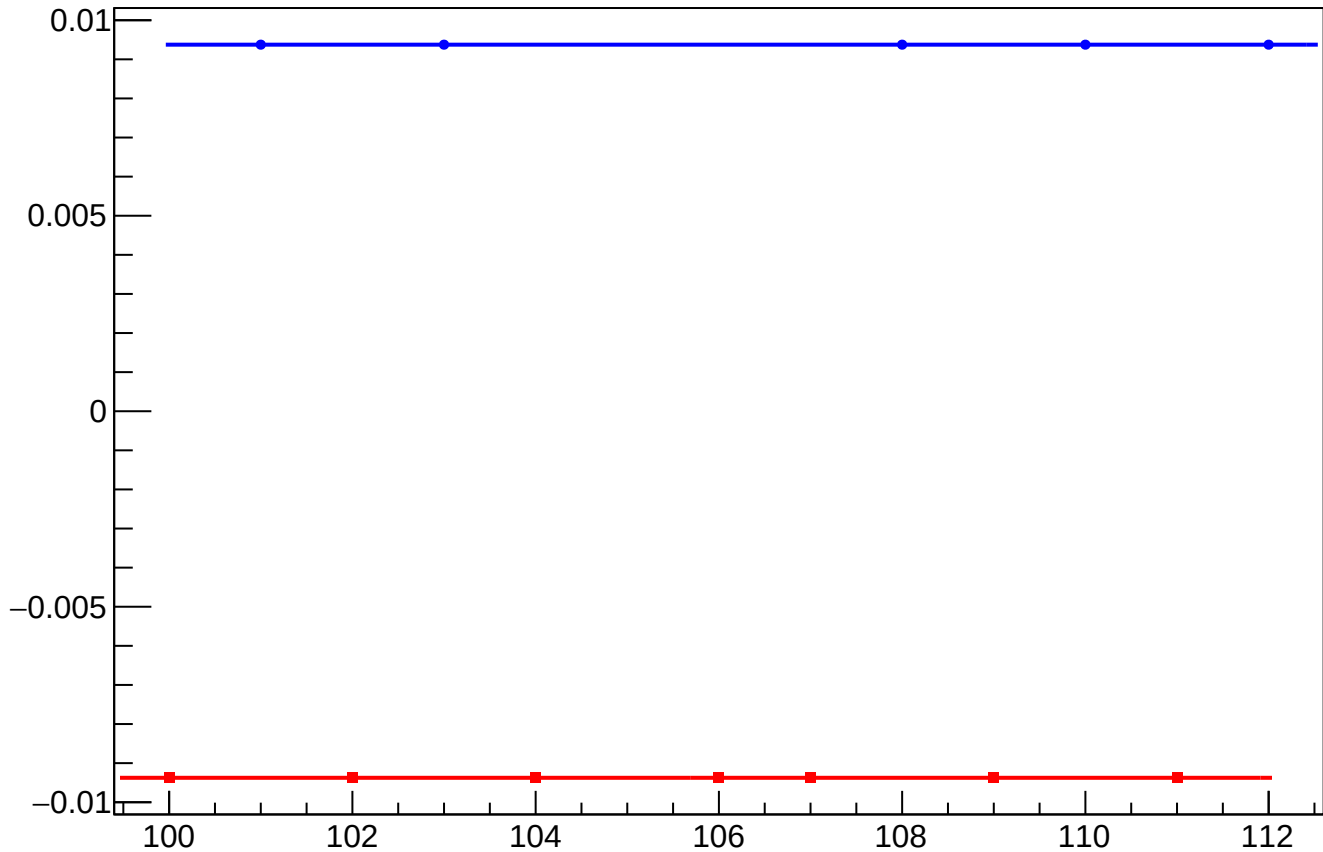
Right In: 912.994 $\pm$ 0.000 χ^2 /NDF: 1773500685145981395320963072.0/4
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Right Out: -1146.010 $\pm$ 0.000 χ^2 /NDF: 632747823602862821581258752.0/6
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
All: -165.712 $\pm$ 0.000 χ^2 /NDF: 57525425175562

RTPAPOSVCNT_mean vs Slug, Sign Corrected



Right In: -1002.989+/-0.000 χ^2/NDF : 1176173414023368626109677568.0/4
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -76.009+/-0.000 χ^2/NDF : 2705107404303224813912064.0/6
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -517.347+/-0.000 χ^2/NDF : 11659666951736

RTPPITA1CNT_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

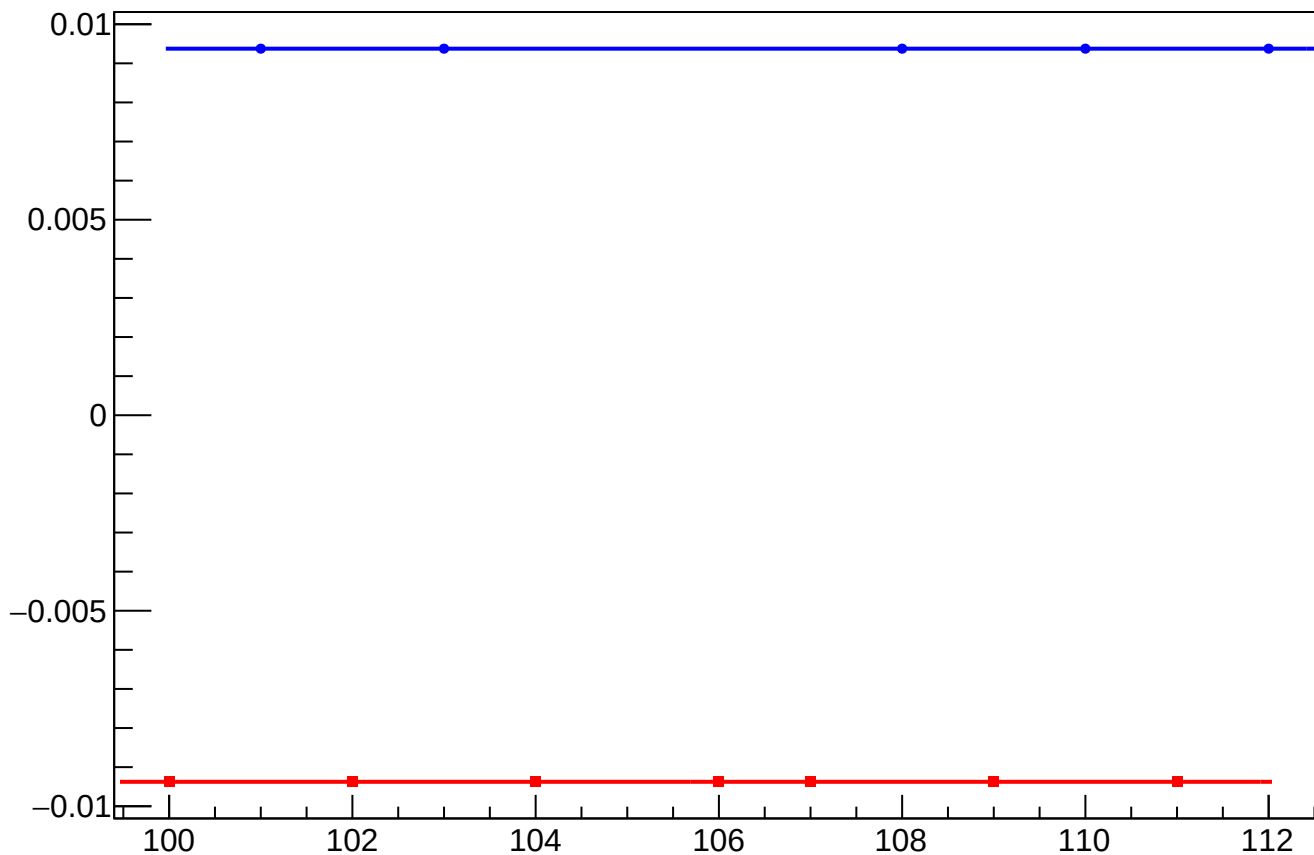
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 4770328297334556

In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 4770328297334

RTPPITA2CNT_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/6

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 4770328297334556

In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 4770328297334