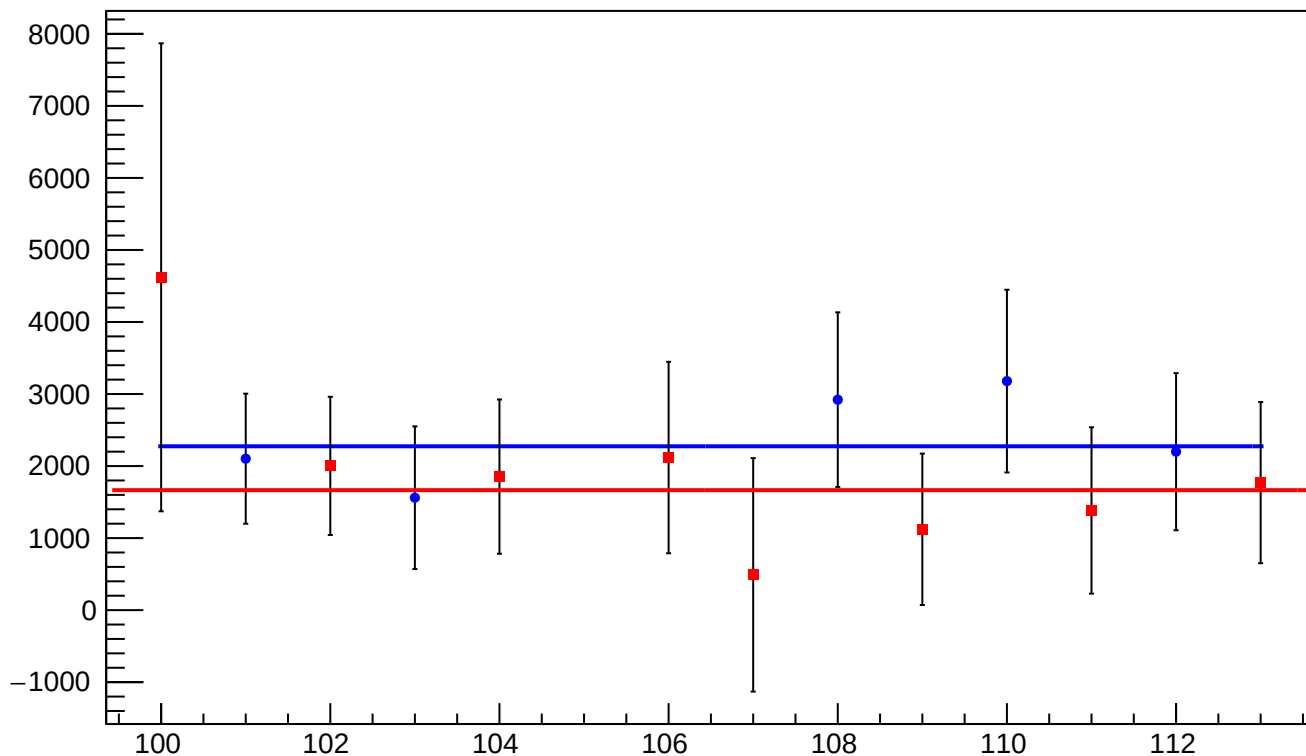


reg_asym_us_avg_mean vs Slug, Sign Corrected



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: 1665.455+/-428.150 $\chi^2/\text{NDF: } 2.0/7$

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

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

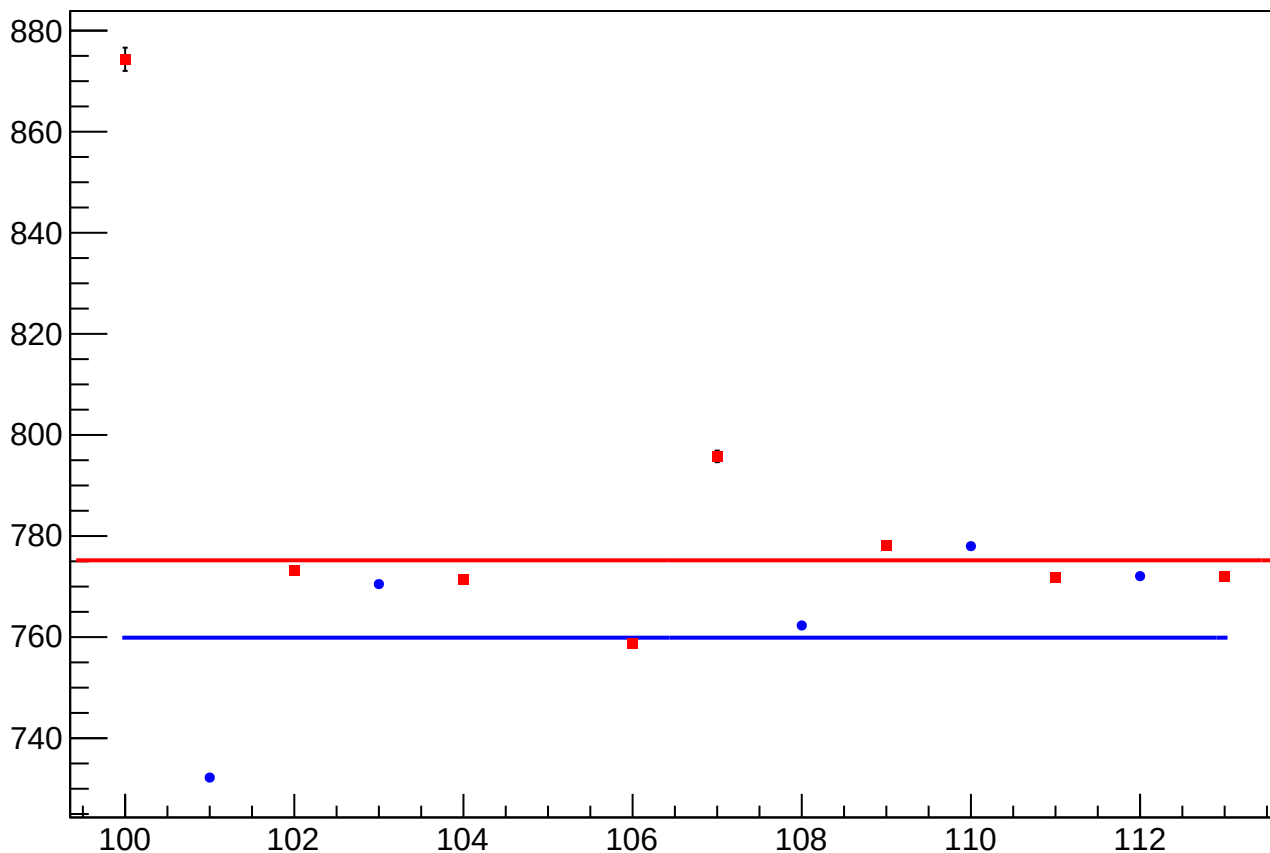
Right: 1937.016+/-318.737 $\chi^2/\text{NDF: } 4.2/12$

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: 1937.016+/-318.737 $\chi^2/\text{NDF: } 4.2/12$

reg_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: 775.199 $\pm$ 0.303 χ^2 /NDF: 2569.7/7

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

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

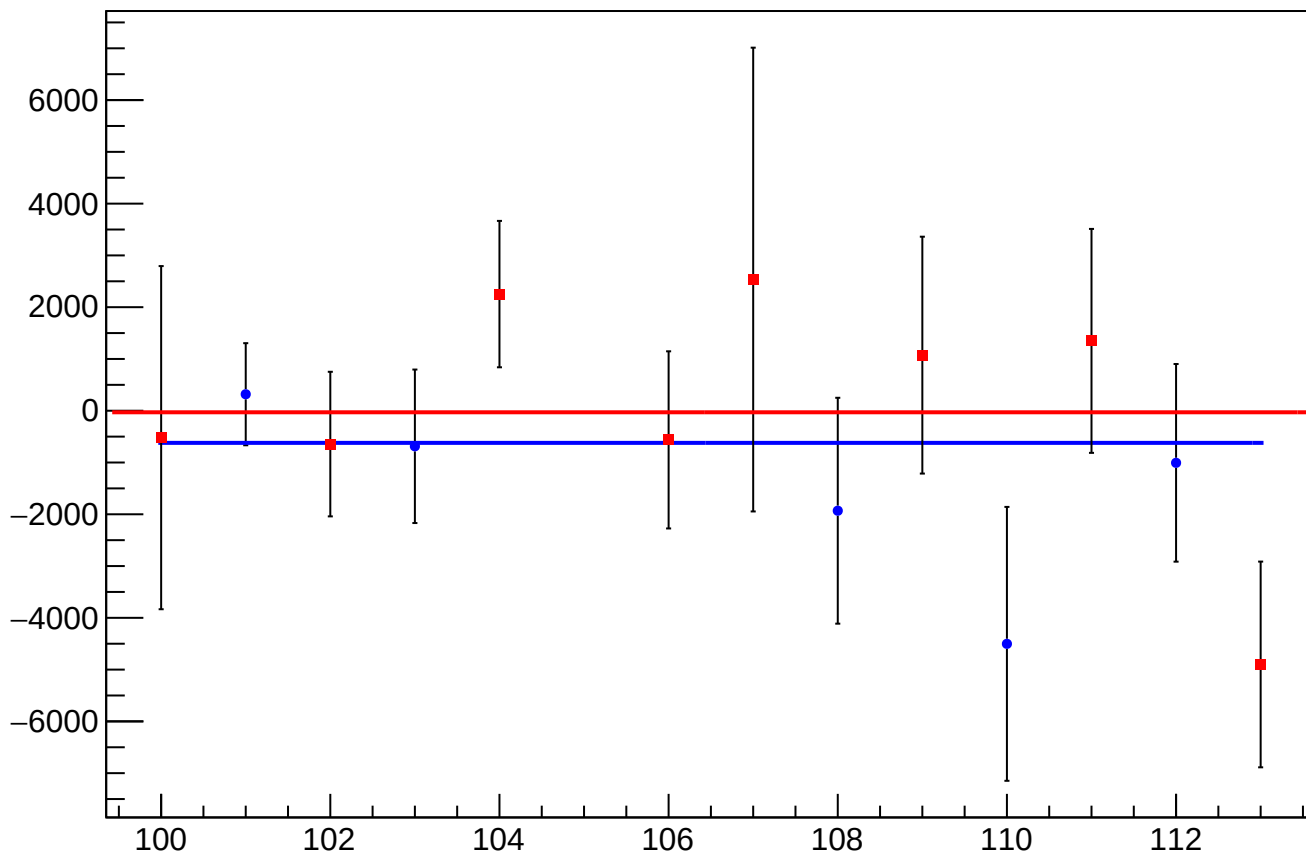
Right: 768.374 $\pm$ 0.225 χ^2 /NDF: 6483.2/12

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: 768.374 $\pm$ 0.225 χ^2 /NDF: 6483.2/12

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: -30.058+/-681.361 χ^2/NDF : 9.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

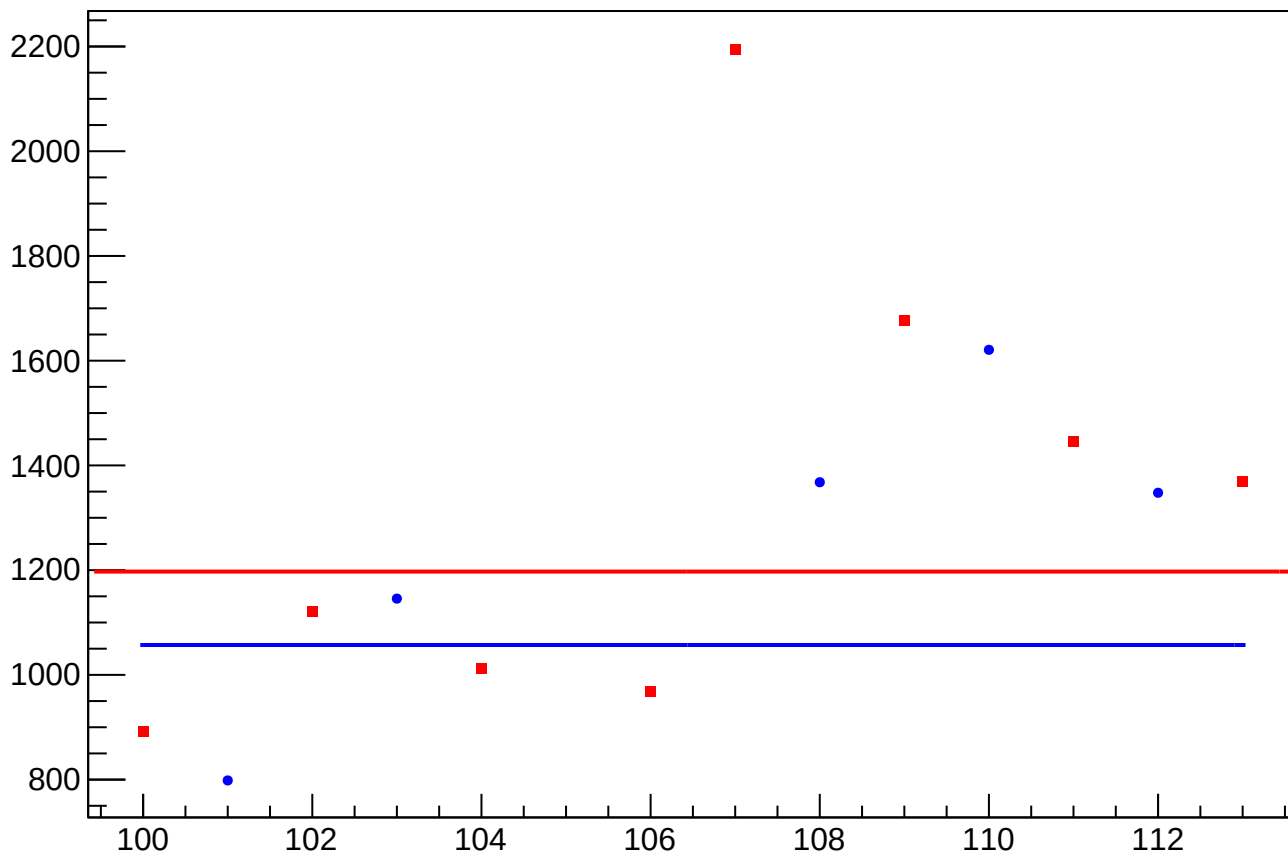
Right: -322.393+/-484.197 χ^2/NDF : 13.7/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -322.393+/-484.197 χ^2/NDF : 13.7/12

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: 1197.268+/-0.482 χ^2/NDF : 321478.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

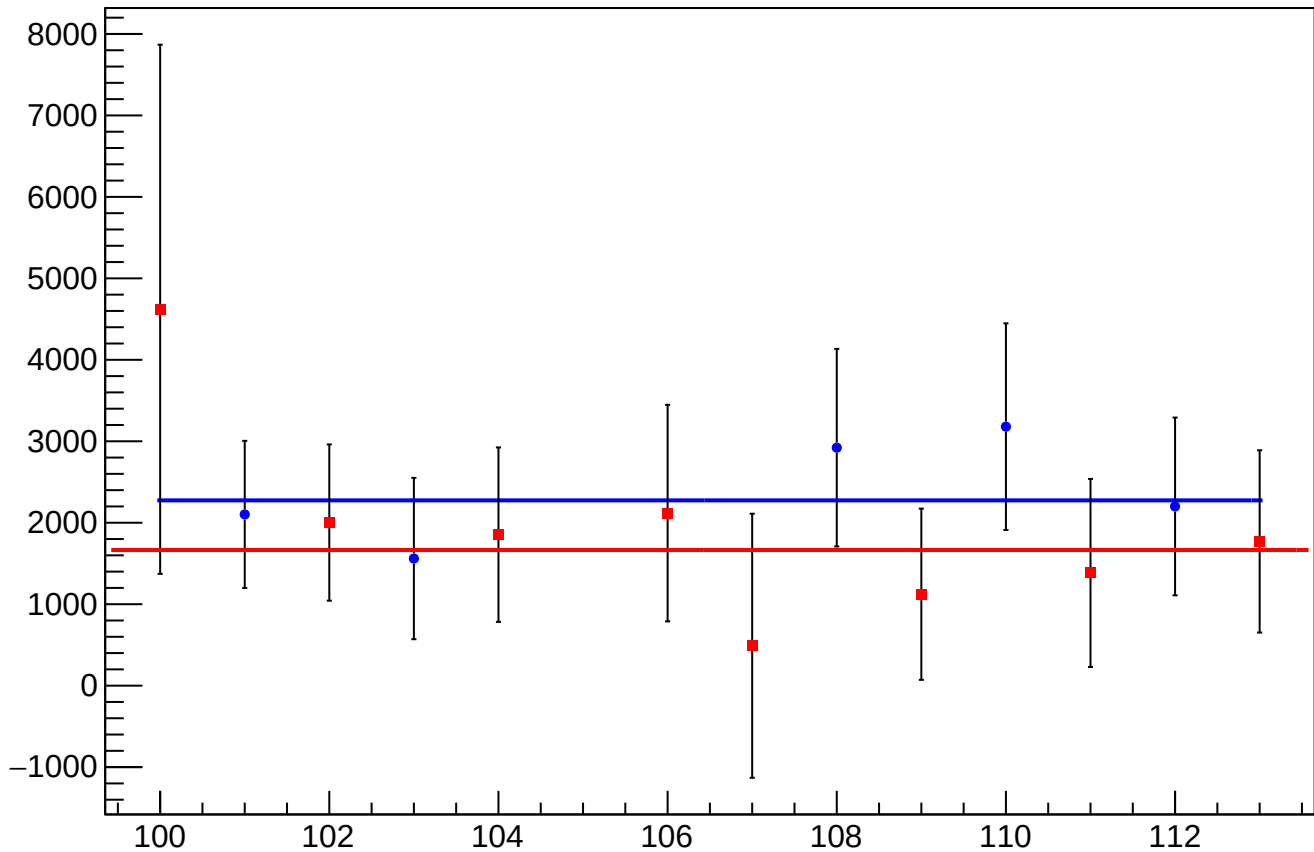
Right: 1127.862+/-0.342 χ^2/NDF : 686003.7/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1127.862+/-0.342 χ^2/NDF : 686003.7/12

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: 1665.455+/-428.150 χ^2/NDF : 2.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

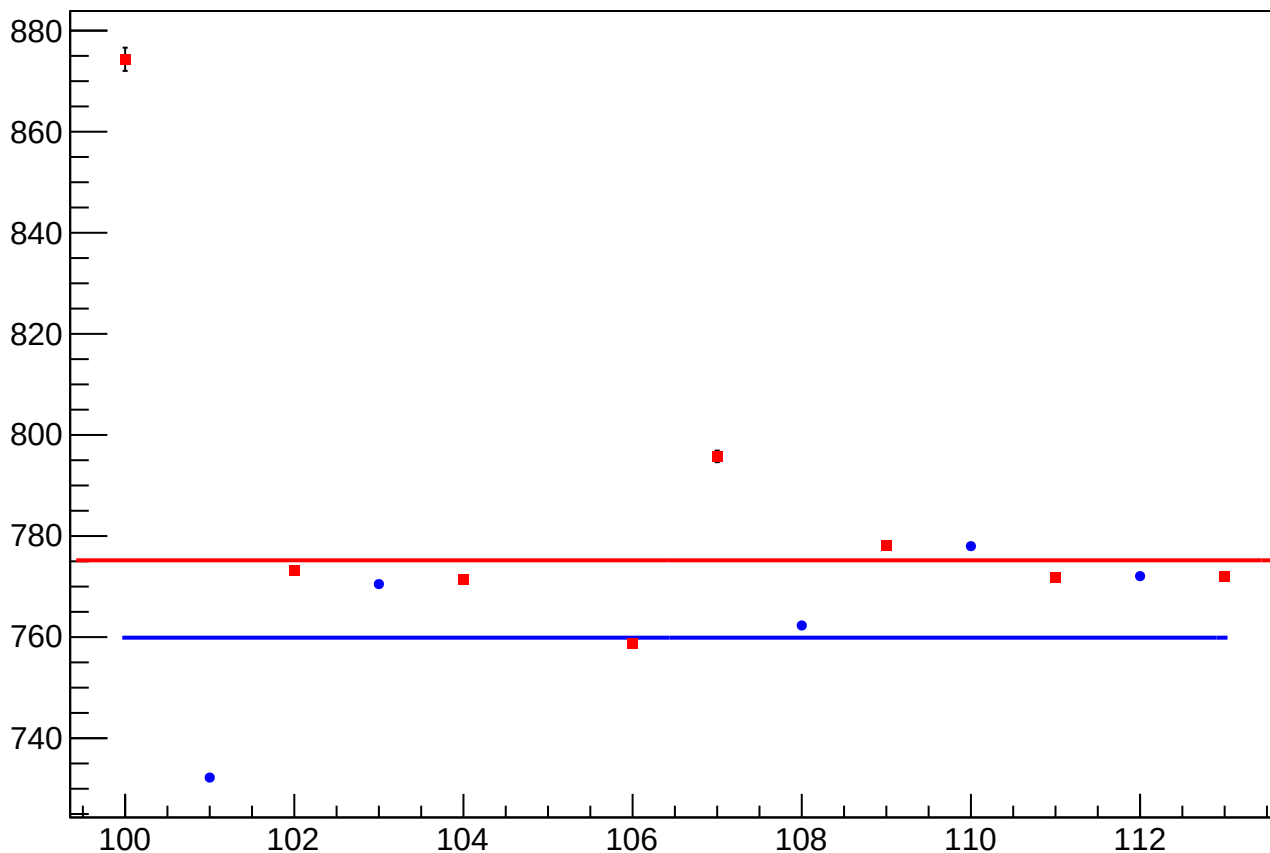
Right: 1937.016+/-318.737 χ^2/NDF : 4.2/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1937.016+/-318.737 χ^2/NDF : 4.2/12

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: 775.199 $\pm$ 0.303 χ^2 /NDF: 2569.7/7

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

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

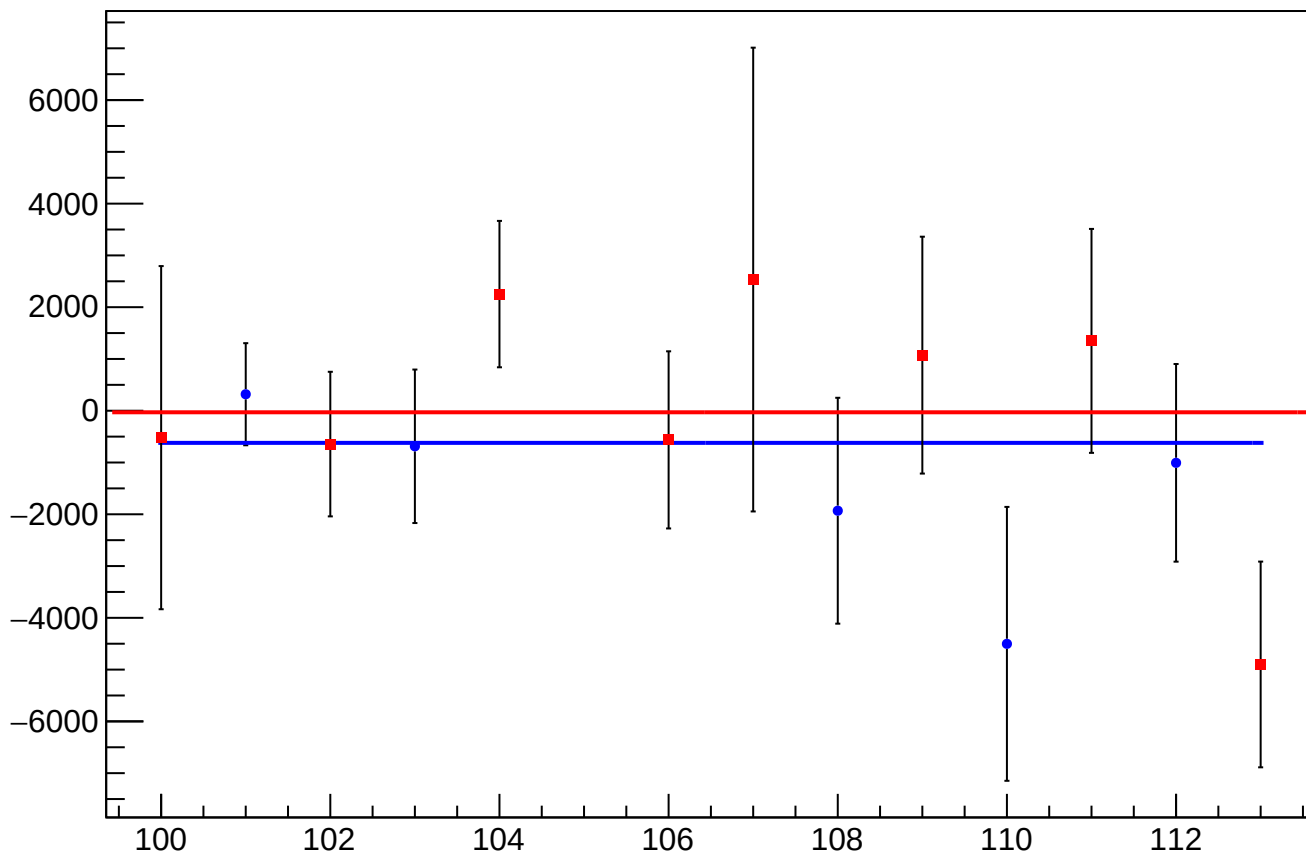
Right: 768.374 $\pm$ 0.225 χ^2 /NDF: 6483.2/12

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: 768.374 $\pm$ 0.225 χ^2 /NDF: 6483.2/12

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: -30.058+/-681.361 χ^2/NDF : 9.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

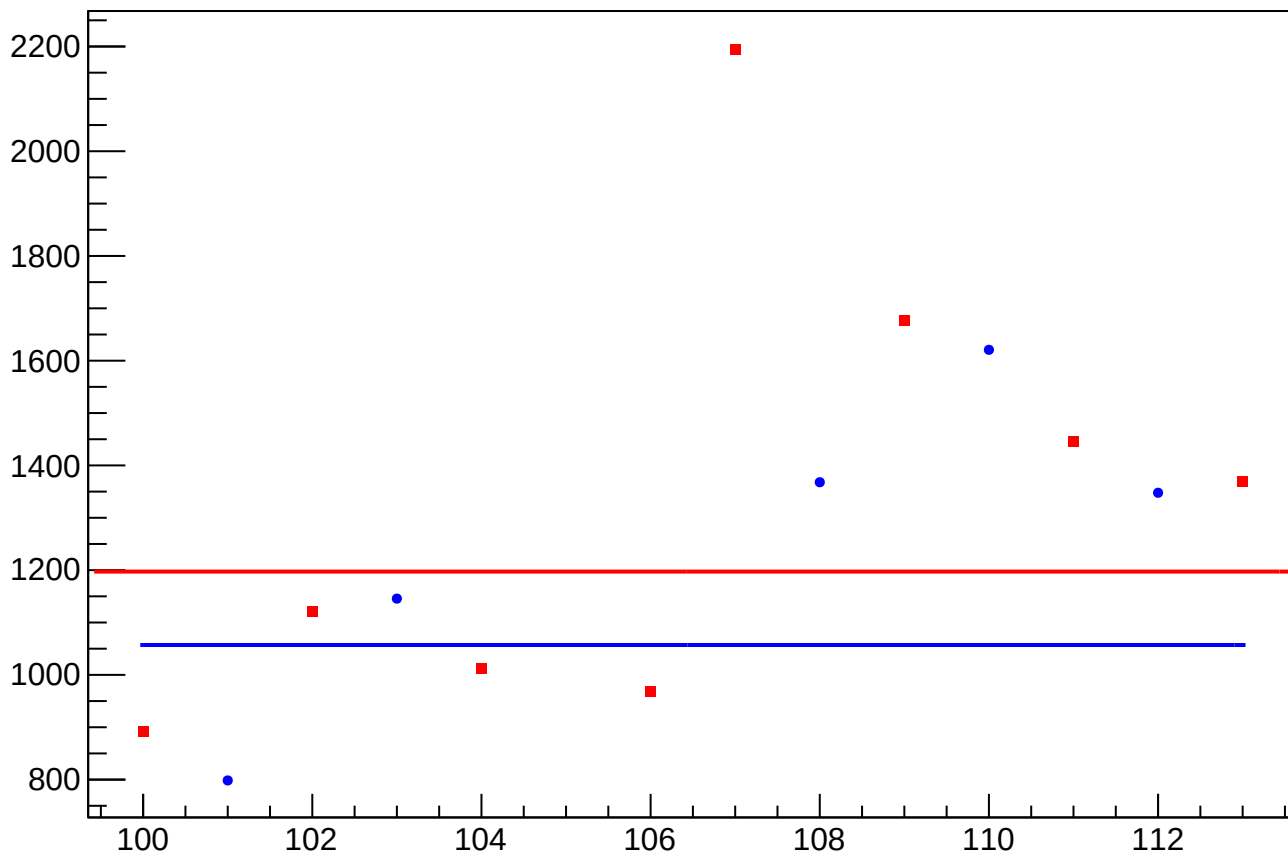
Right: -322.393+/-484.197 χ^2/NDF : 13.7/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -322.393+/-484.197 χ^2/NDF : 13.7/12

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: 1197.268+/-0.482 χ^2/NDF : 321478.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

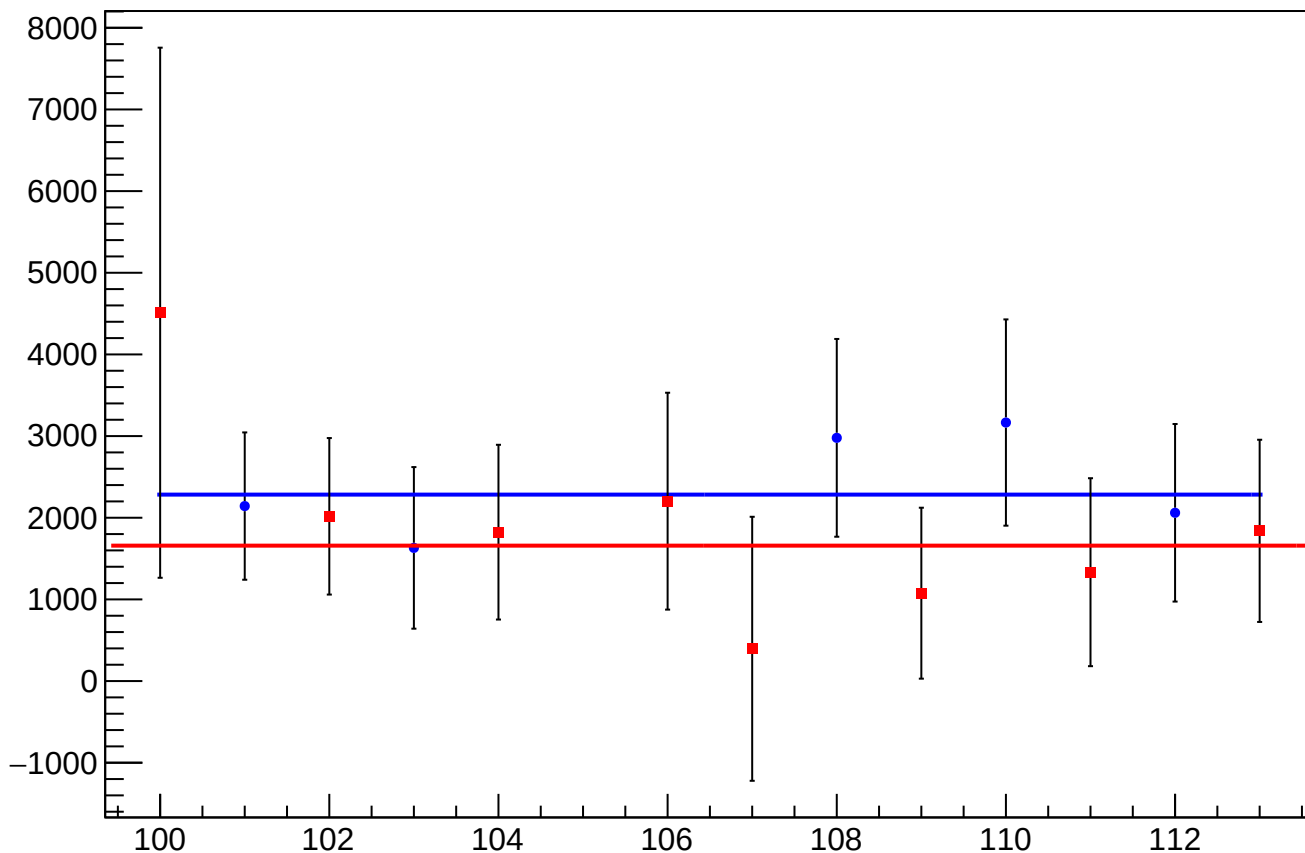
Right: 1127.862+/-0.342 χ^2/NDF : 686003.7/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1127.862+/-0.342 χ^2/NDF : 686003.7/12

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: 1658.327+/-427.257 χ^2/NDF : 2.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

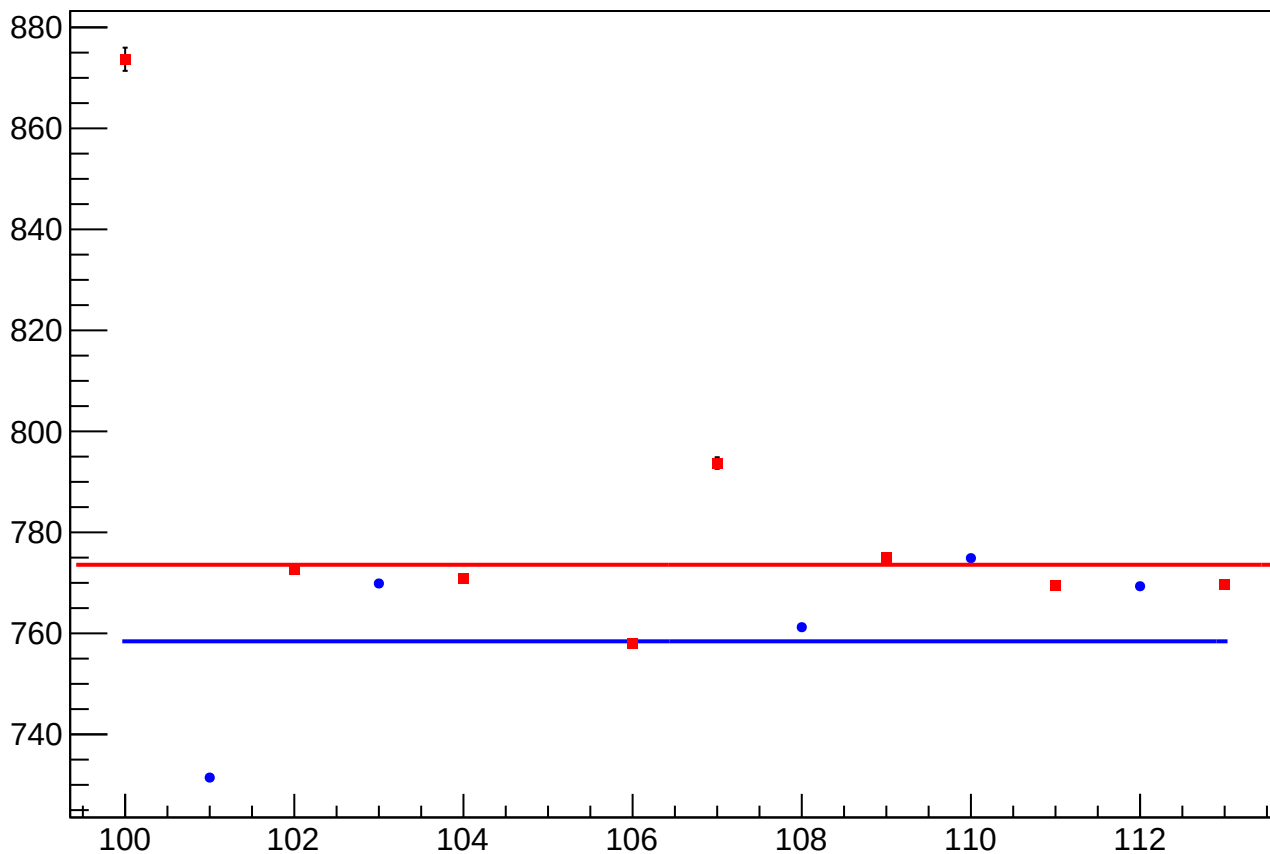
Right: 1936.893+/-318.091 χ^2/NDF : 4.4/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1936.893+/-318.091 χ^2/NDF : 4.4/12

overload_cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 758.424+/-0.337 χ^2/NDF : 2609.5/4

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

Right Out: 773.584+/-0.302 χ^2/NDF : 2553.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

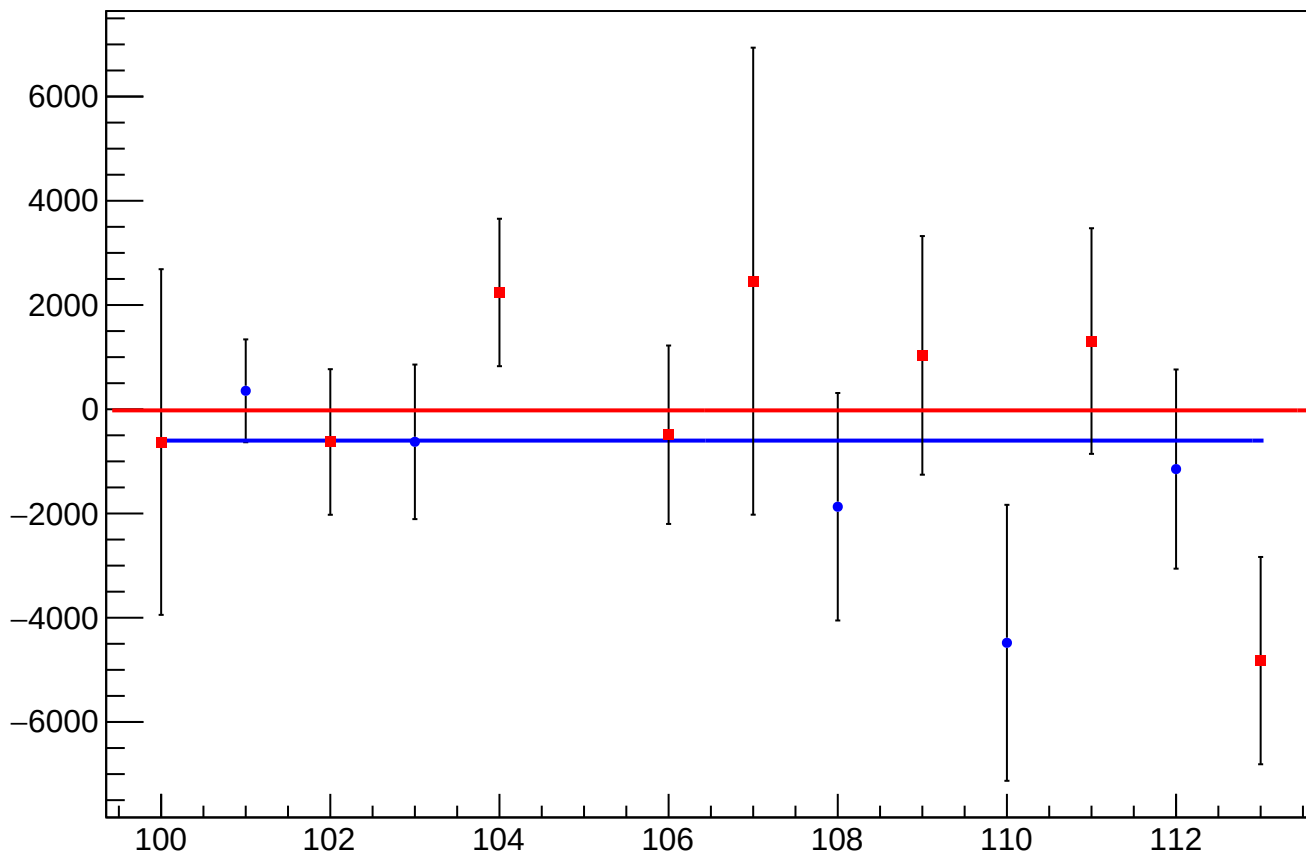
Right: 766.827+/-0.225 χ^2/NDF : 6285.6/12

In: 758.424+/-0.337 χ^2/NDF : 2609.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 766.827+/-0.225 χ^2/NDF : 6285.6/12

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: -21.560+/-681.758 χ^2/NDF : 9.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

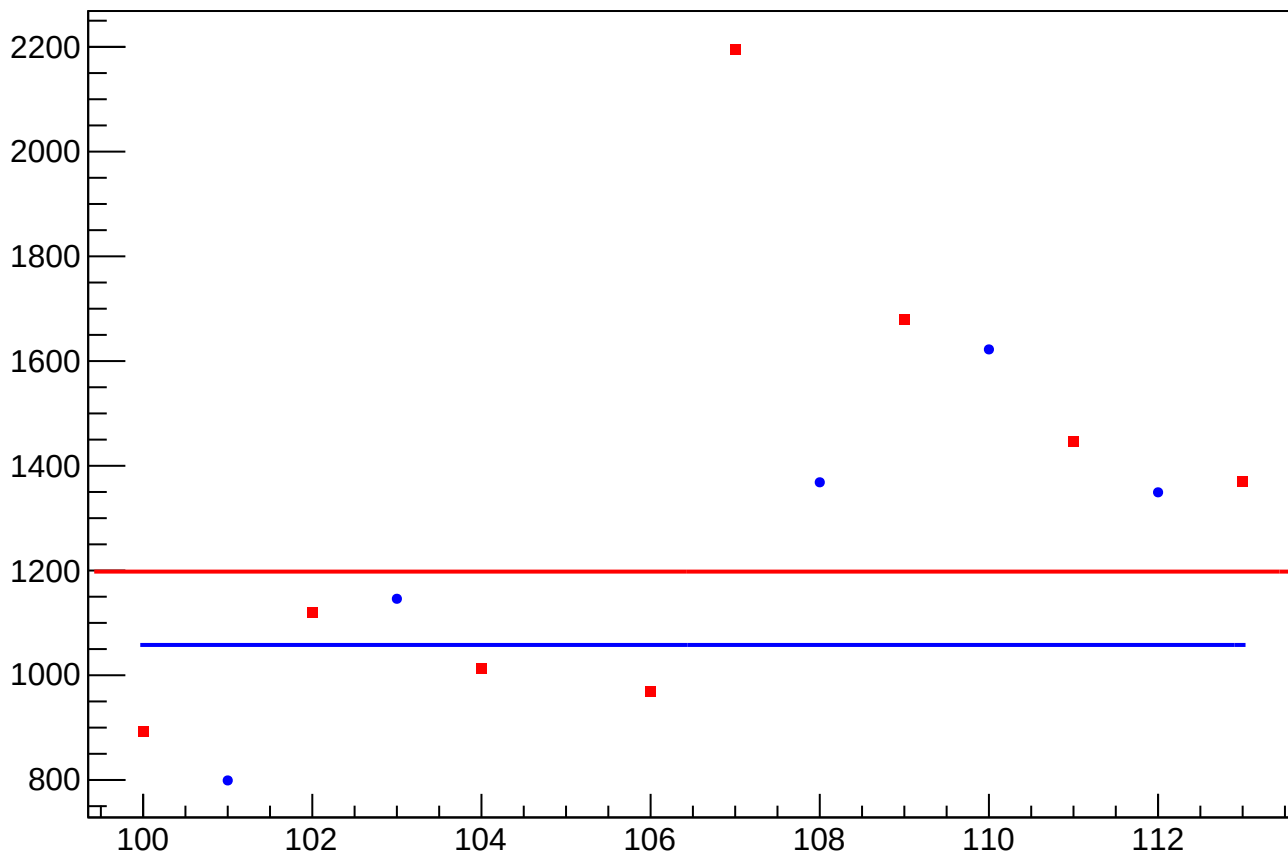
Right: -308.431+/-484.524 χ^2/NDF : 13.4/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -308.431+/-484.524 χ^2/NDF : 13.4/12

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: 1197.944+/-0.482 χ^2/NDF : 321757.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

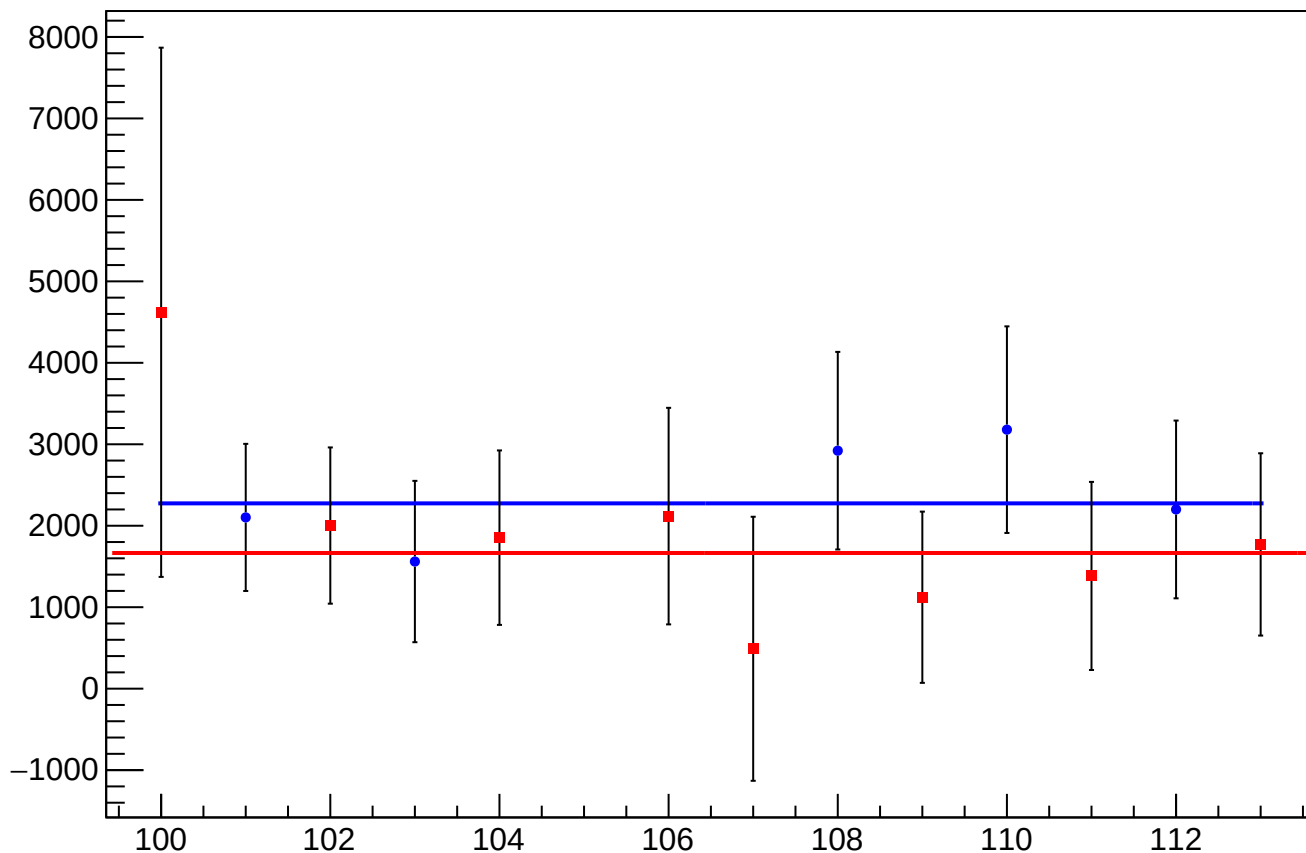
Right: 1128.627+/-0.343 χ^2/NDF : 686023.3/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1128.627+/-0.343 χ^2/NDF : 686023.3/12

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: 1665.455+/-428.150 χ^2/NDF : 2.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

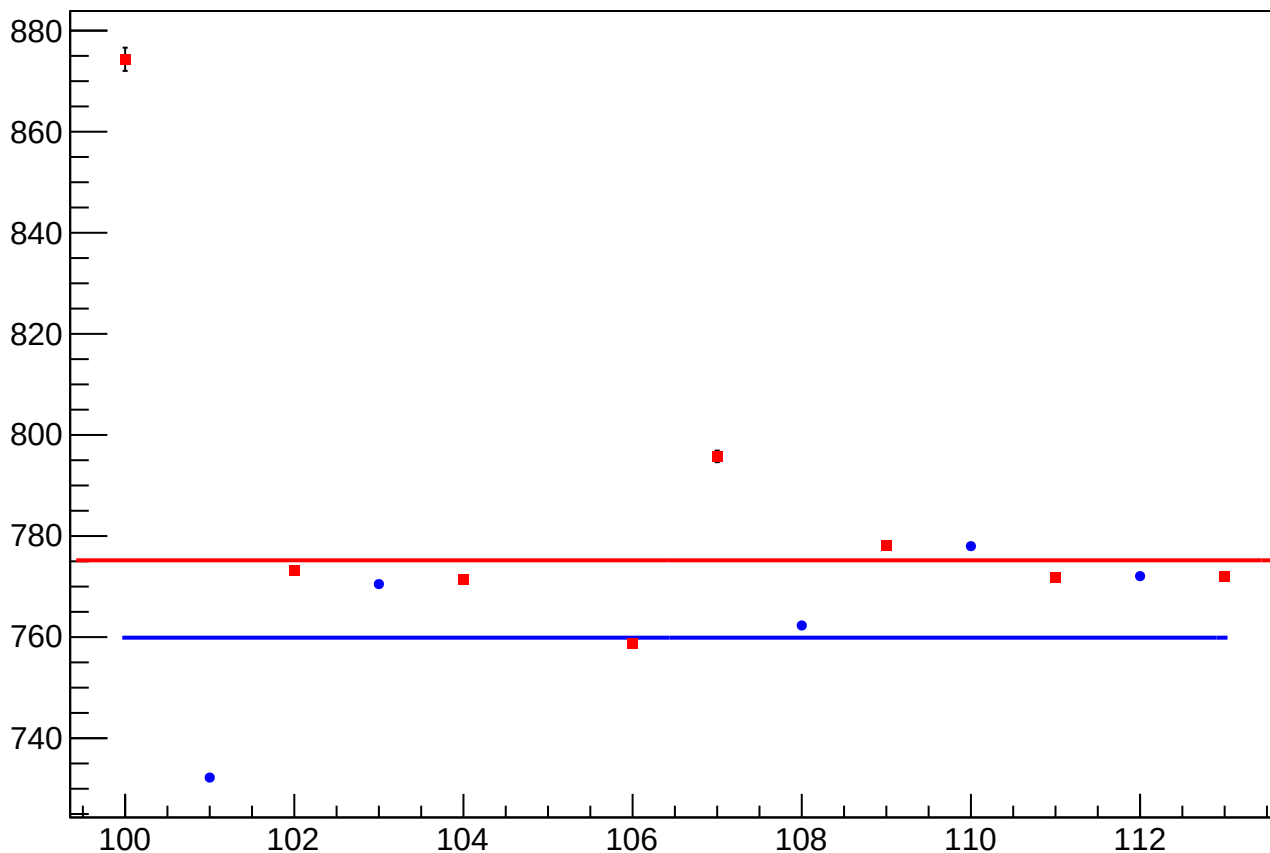
Right: 1937.016+/-318.737 χ^2/NDF : 4.2/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1937.016+/-318.737 χ^2/NDF : 4.2/12

eigen_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: 775.199+/-0.303 χ^2/NDF : 2569.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

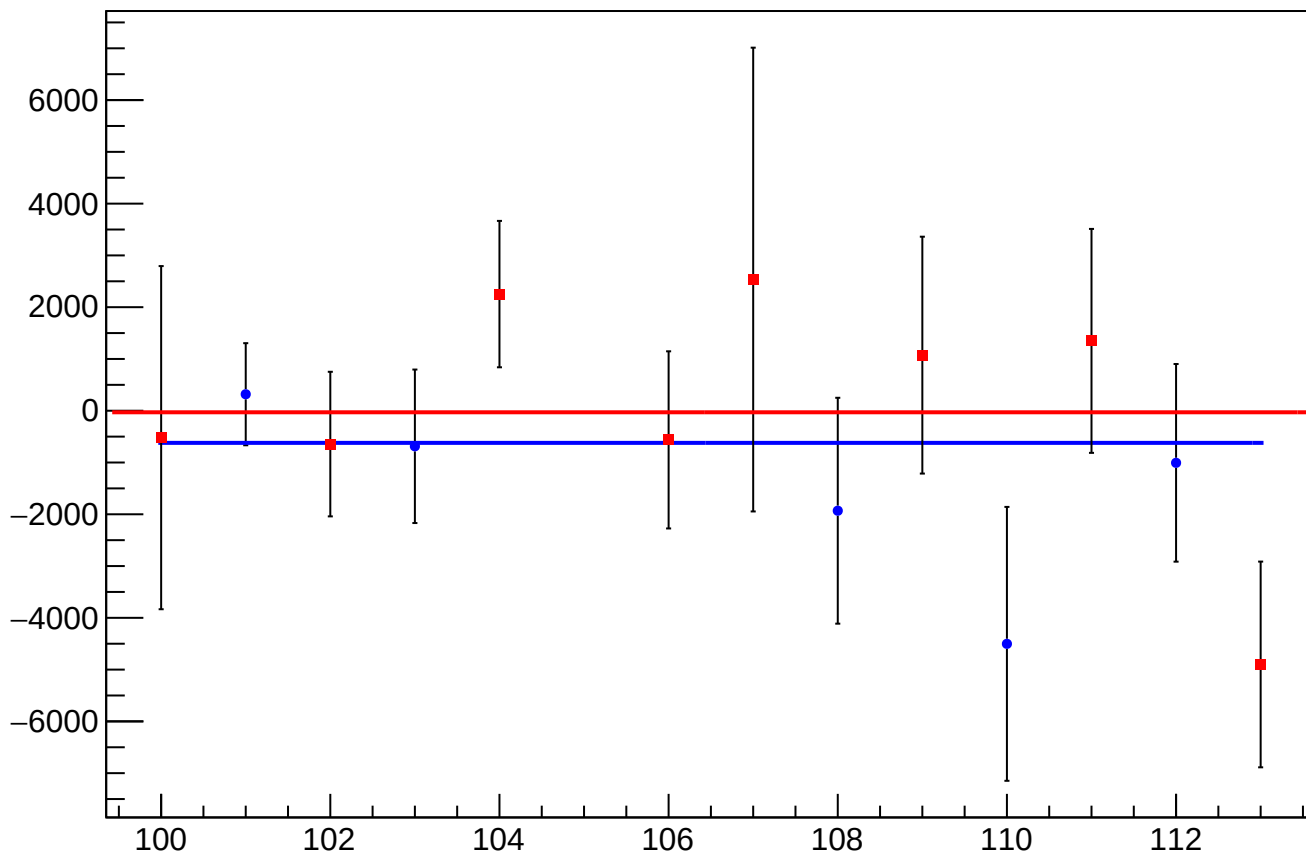
Right: 768.374+/-0.225 χ^2/NDF : 6483.2/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 768.374+/-0.225 χ^2/NDF : 6483.2/12

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: -30.058+/-681.361 χ^2/NDF : 9.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

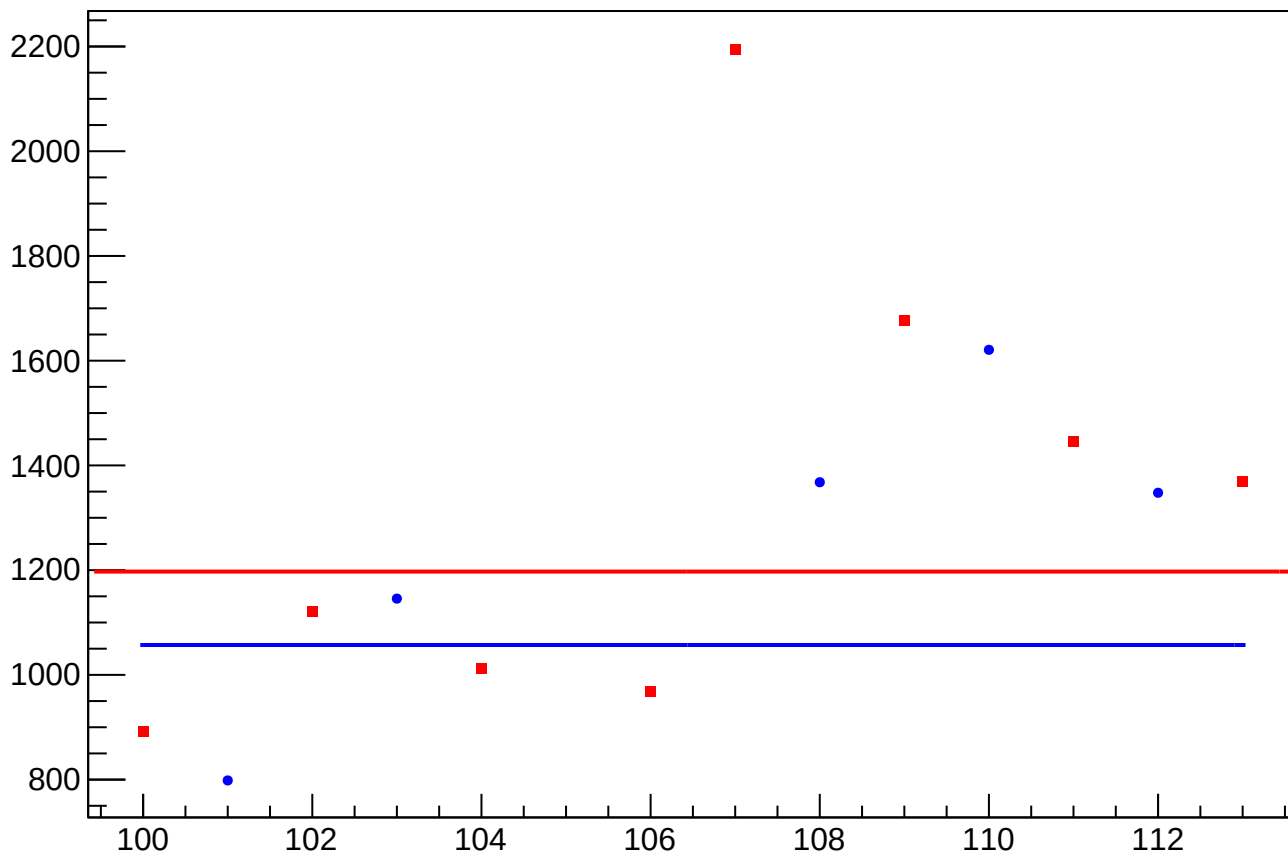
Right: -322.393+/-484.197 χ^2/NDF : 13.7/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -322.393+/-484.197 χ^2/NDF : 13.7/12

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: 1197.268+/-0.482 χ^2/NDF : 321478.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

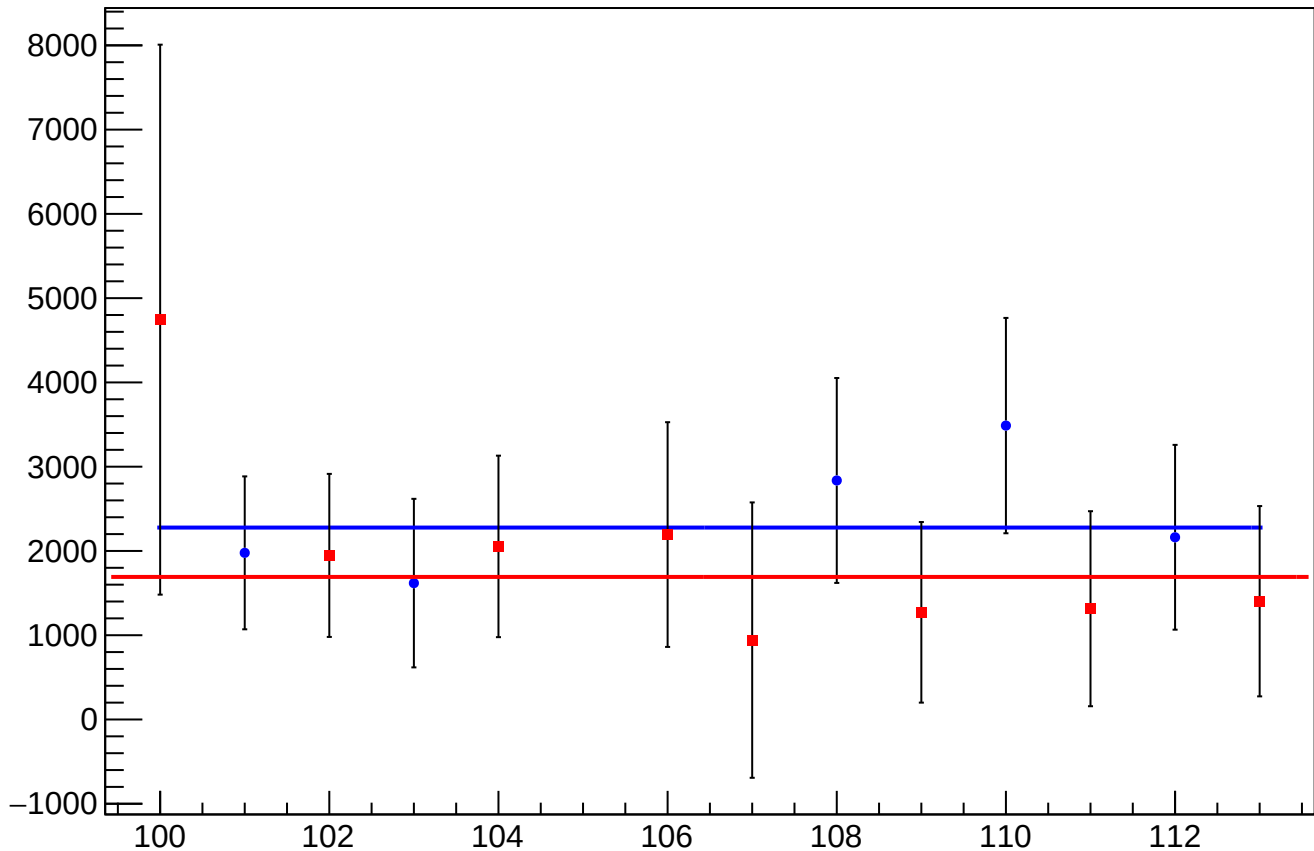
Right: 1127.862+/-0.342 χ^2/NDF : 686003.7/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1127.862+/-0.342 χ^2/NDF : 686003.7/12

dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2277.546+/-480.281 χ^2/NDF : 1.7/4

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

Right Out: 1691.766+/-431.804 χ^2/NDF : 1.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

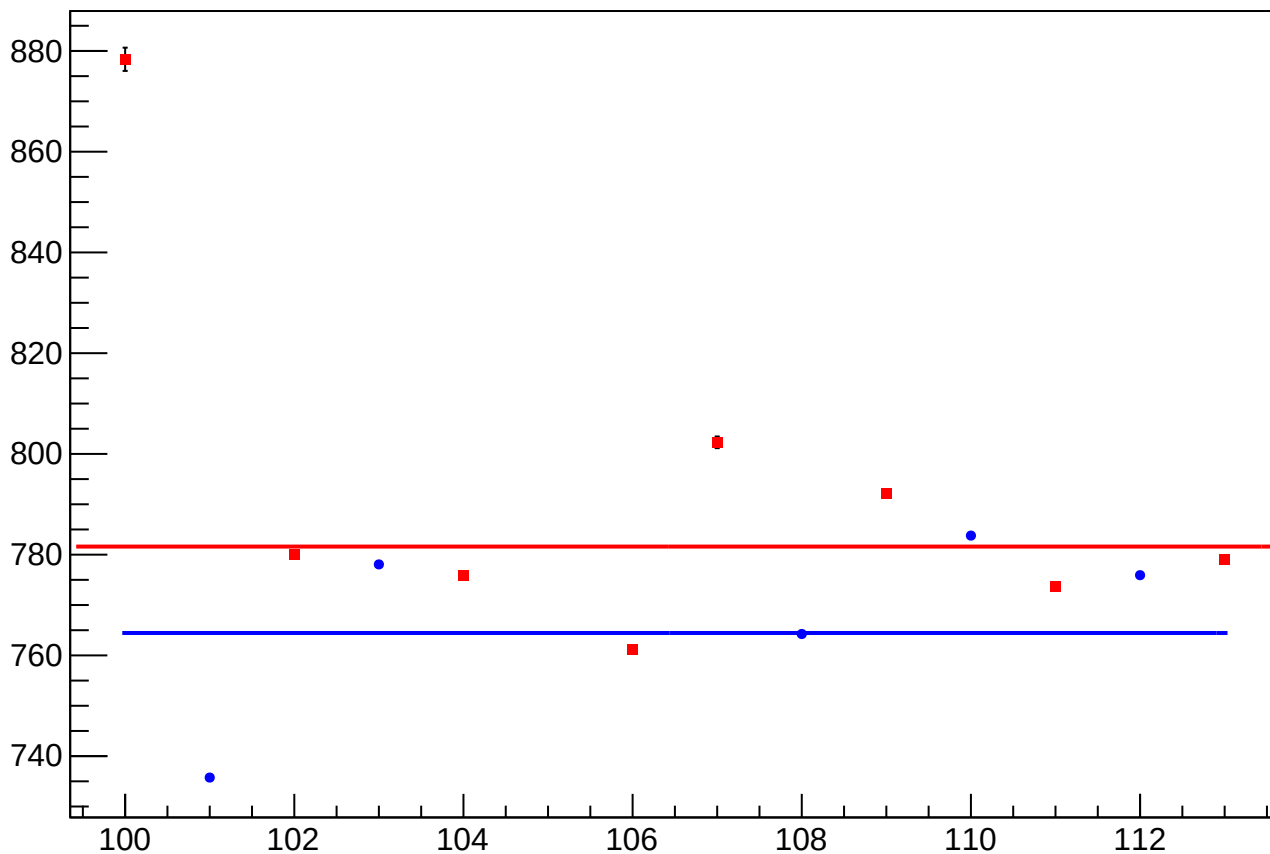
Right: 1953.610+/-321.107 χ^2/NDF : 4.2/12

In: 2277.546+/-480.281 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1953.610+/-321.107 χ^2/NDF : 4.2/12

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 764.450 $\pm$ 0.340 χ^2 /NDF: 3049.3/4

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

Right Out: 781.606 $\pm$ 0.305 χ^2 /NDF: 2907.3/7

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

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

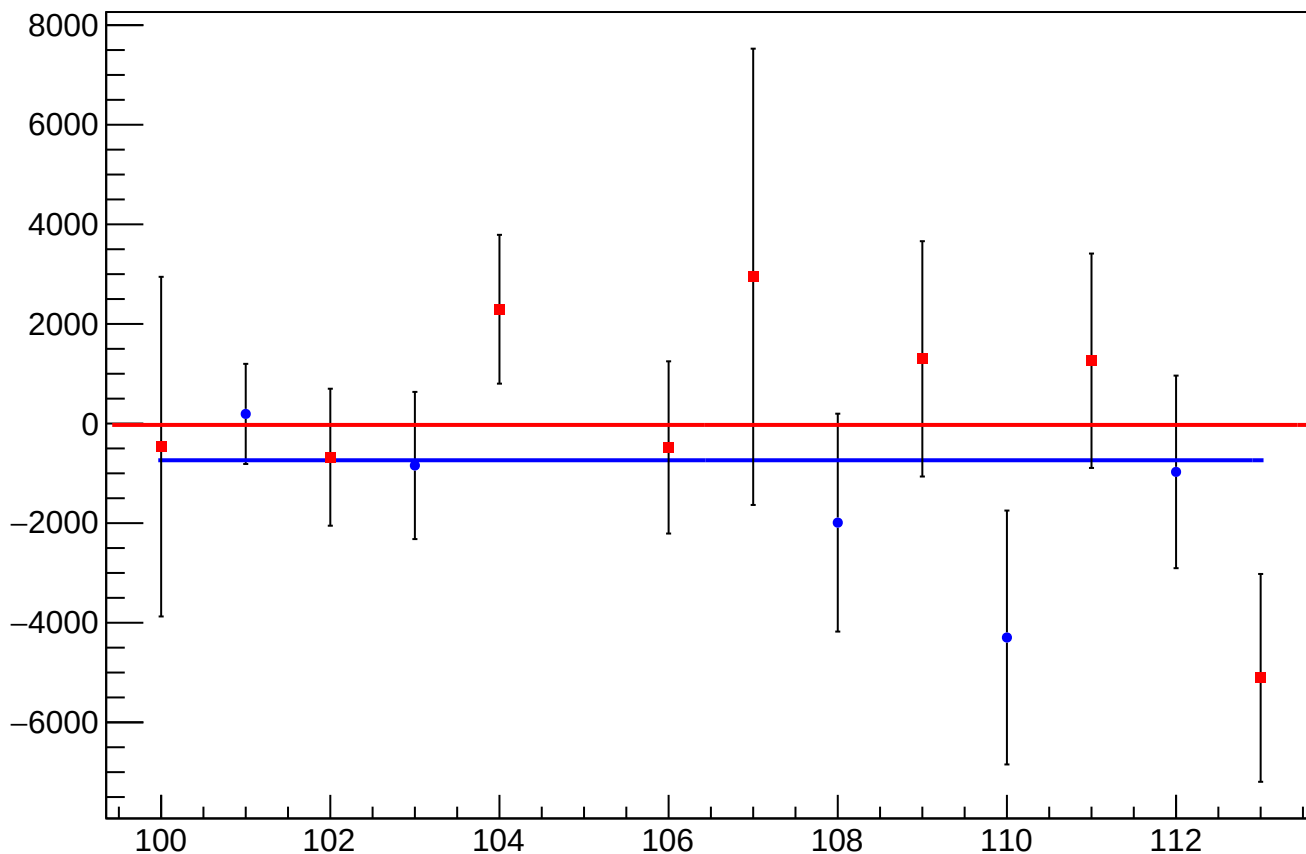
Right: 773.937 $\pm$ 0.227 χ^2 /NDF: 7367.8/12

In: 764.450 $\pm$ 0.340 χ^2 /NDF:3049.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 773.937 $\pm$ 0.227 χ^2 /NDF: 7367.8/12

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: -27.699+/-695.170 χ^2/NDF : 9.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

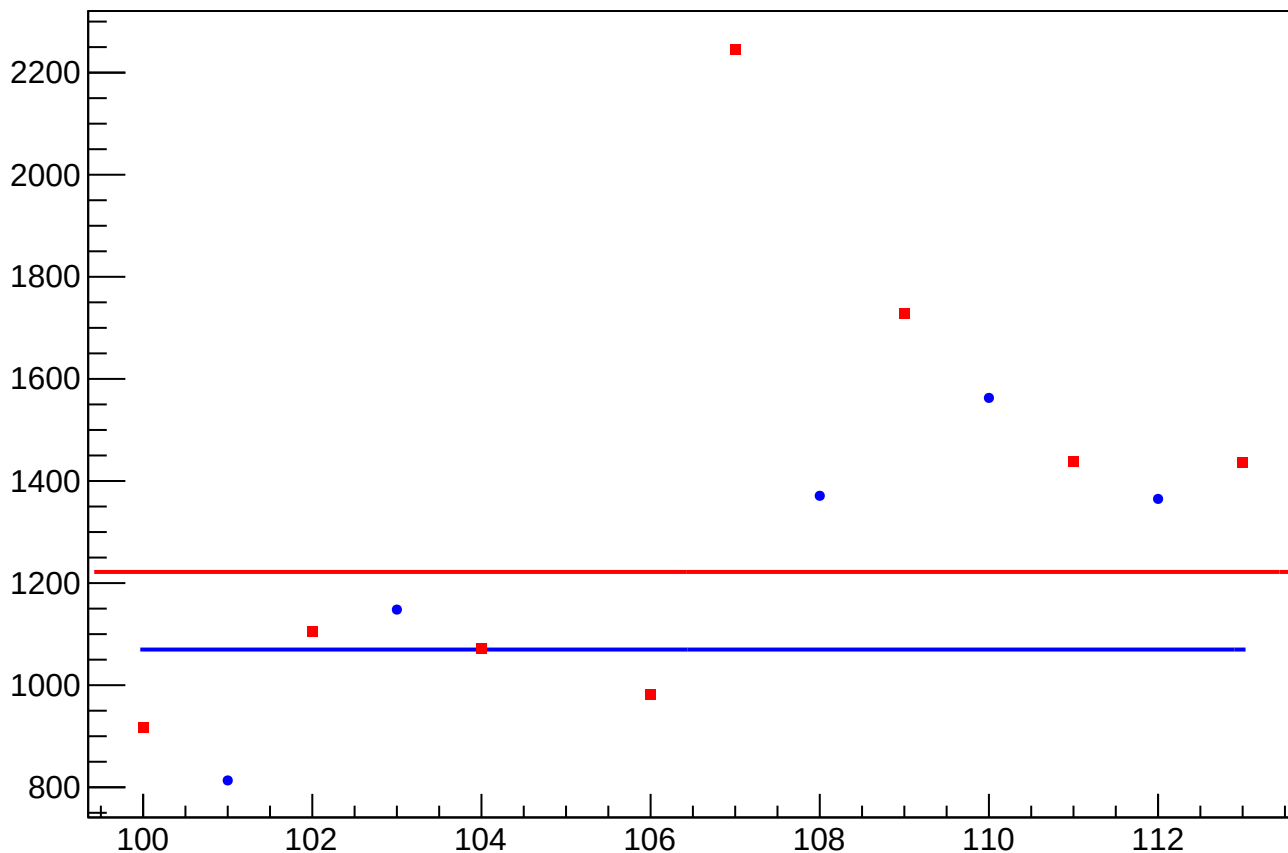
Right: -383.152+/-491.079 χ^2/NDF : 13.4/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -383.152+/-491.079 χ^2/NDF : 13.4/12

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: 1221.851+/-0.492 χ^2/NDF : 322098.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

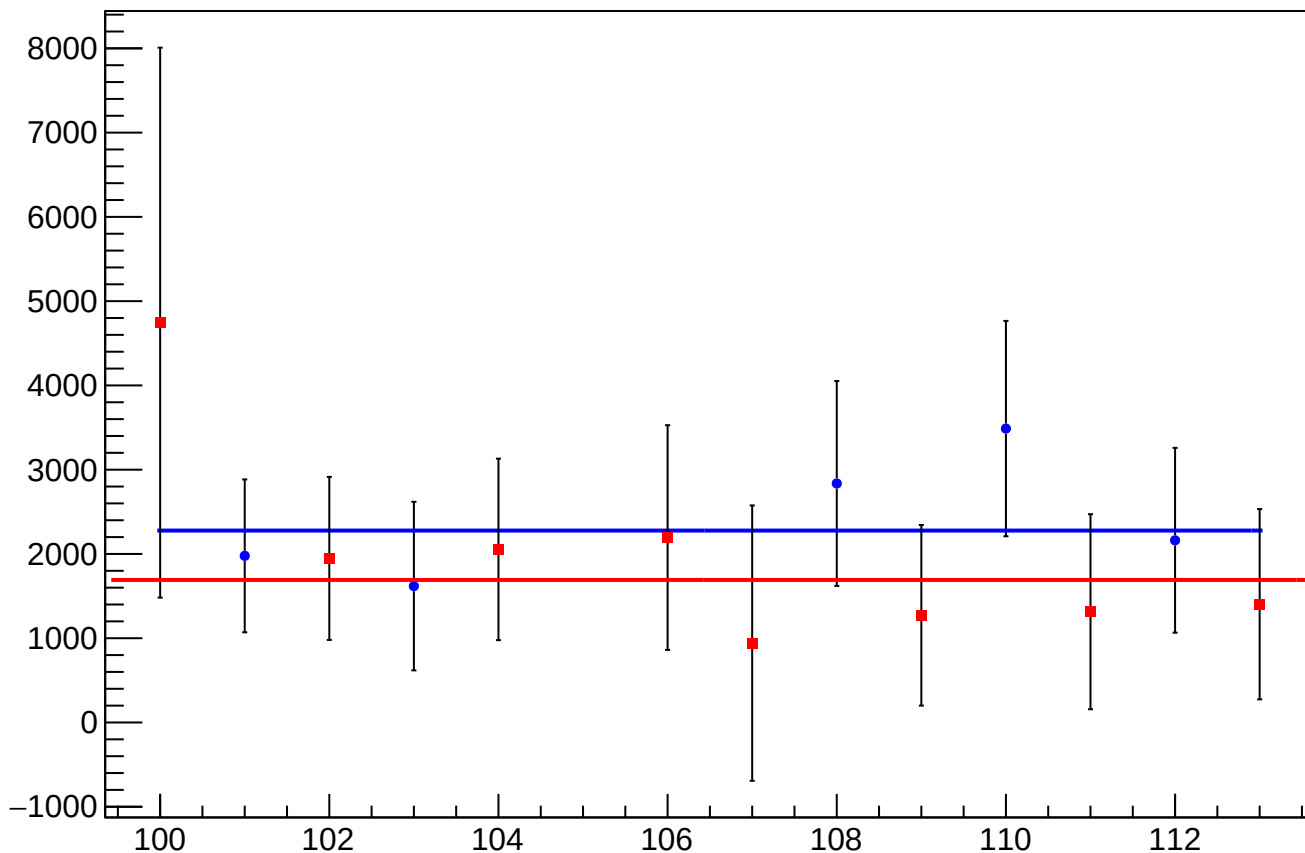
Right: 1145.681+/-0.347 χ^2/NDF : 665023.7/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1145.681+/-0.347 χ^2/NDF : 665023.7/12

eigen_dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2277.548 $\pm$ 480.281 χ^2 /NDF: 1.7/4

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

Right Out: 1691.765 $\pm$ 431.804 χ^2 /NDF: 1.7/7

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

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

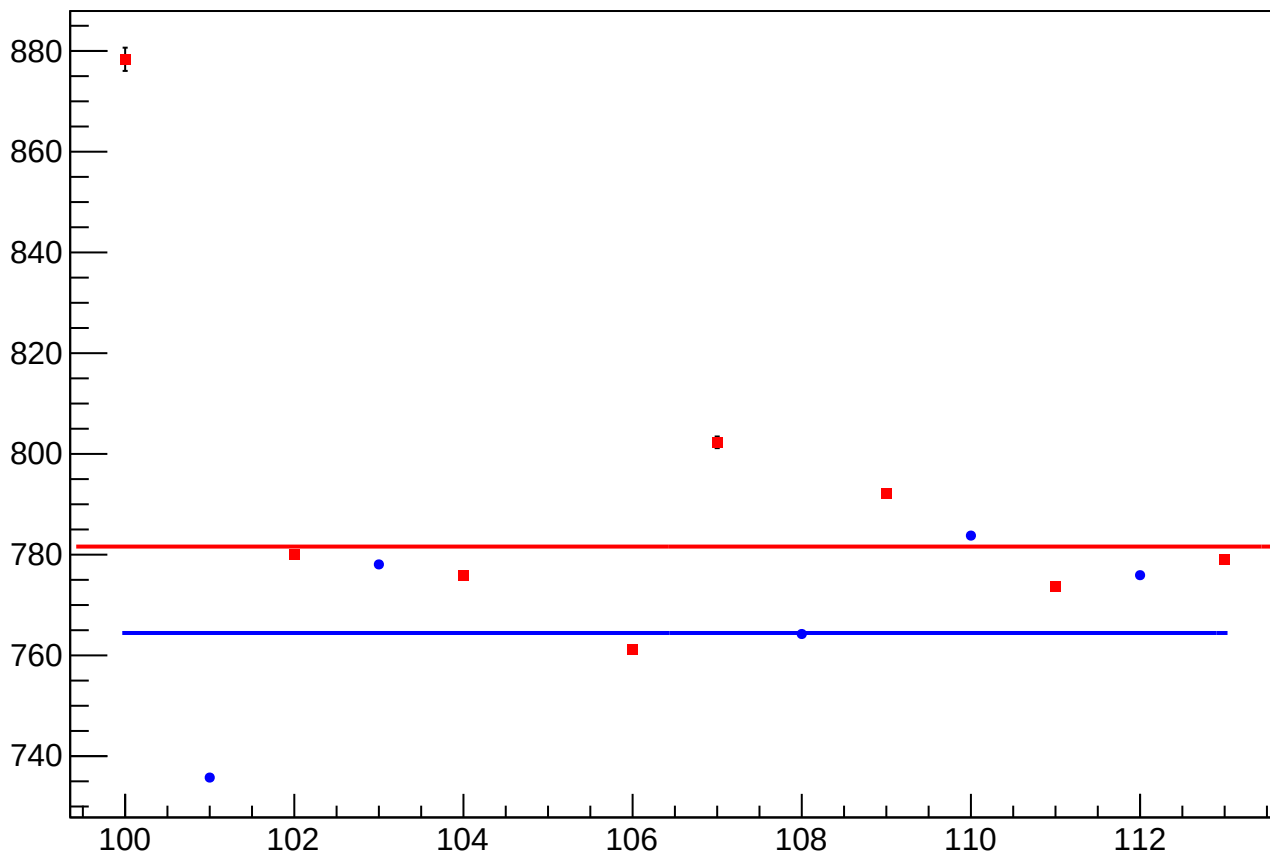
Right: 1953.610 $\pm$ 321.107 χ^2 /NDF: 4.2/12

In: 2277.548 $\pm$ 480.281 χ^2 /NDF:1.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1953.610 $\pm$ 321.107 χ^2 /NDF: 4.2/12

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: 781.606+/-0.305 χ^2/NDF : 2907.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

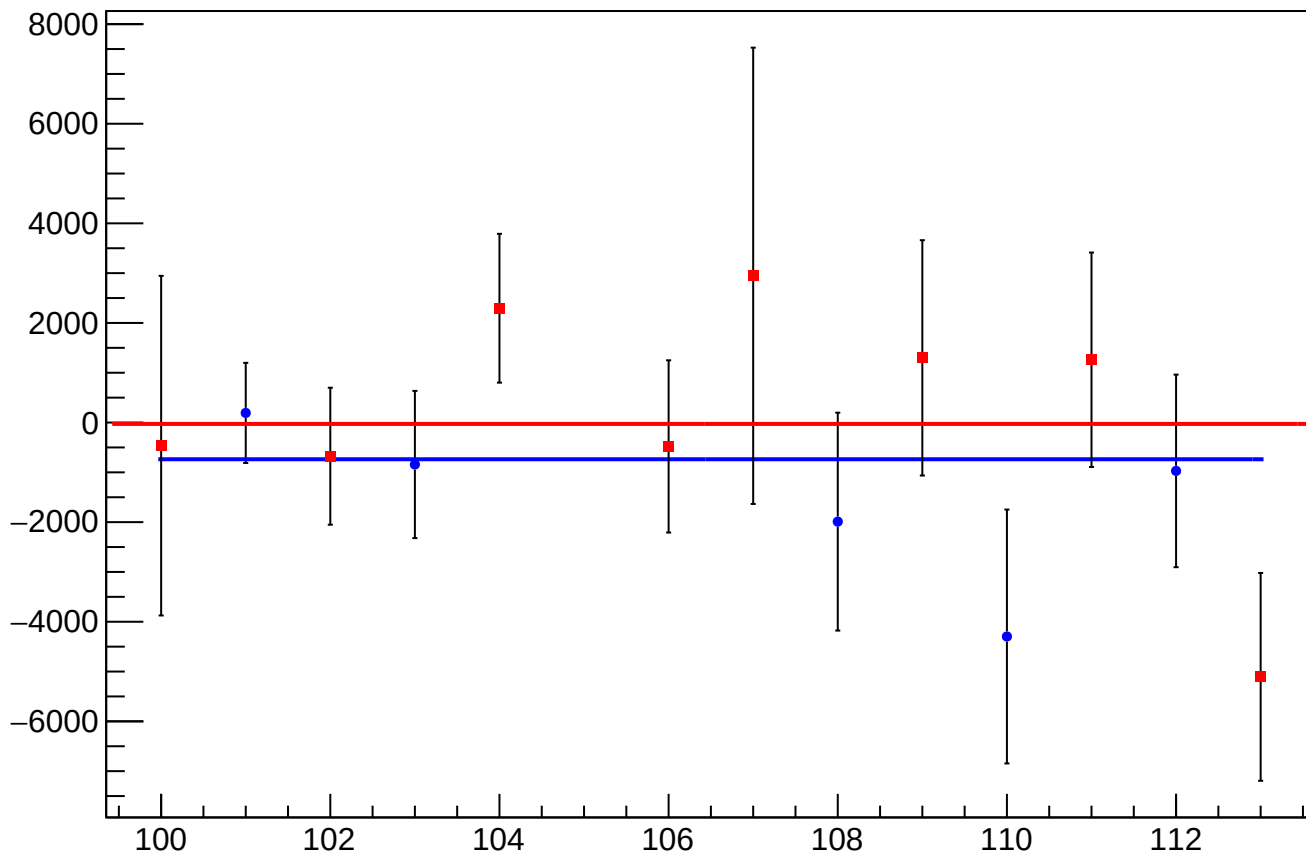
Right: 773.937+/-0.227 χ^2/NDF : 7367.8/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 773.937+/-0.227 χ^2/NDF : 7367.8/12

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: -27.700+/-695.168 χ^2/NDF : 9.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

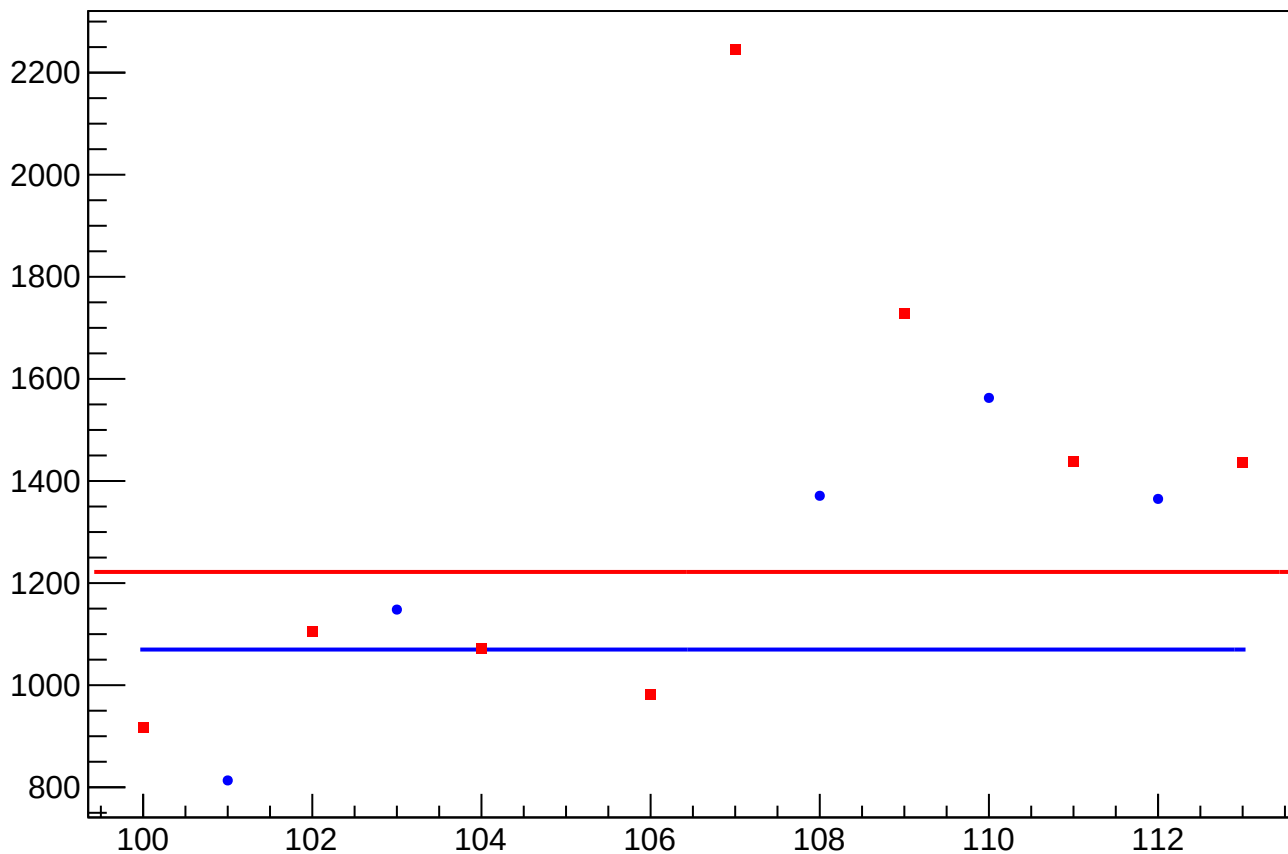
Right: -383.153+/-491.078 χ^2/NDF : 13.4/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -383.153+/-491.078 χ^2/NDF : 13.4/12

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: 1221.849+/-0.492 χ^2/NDF : 322096.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

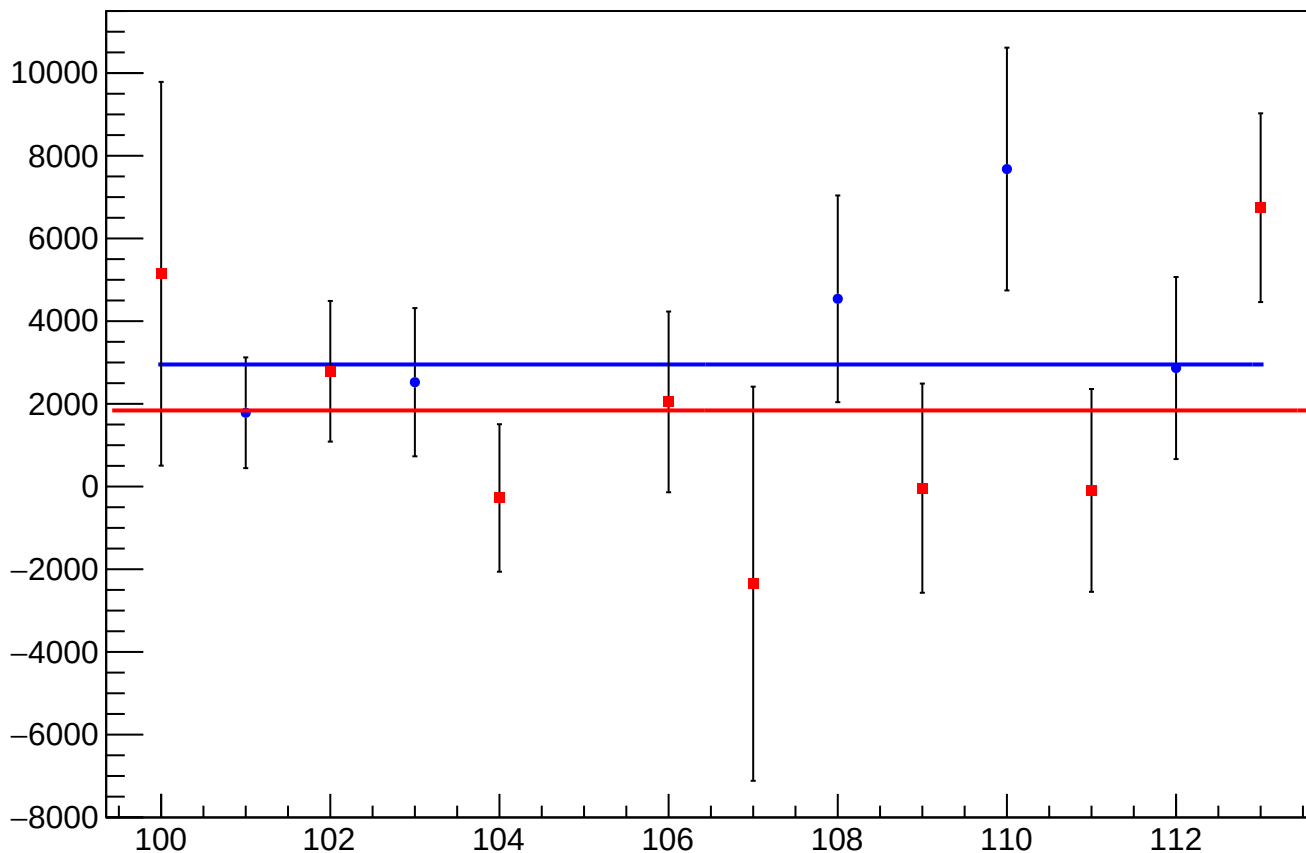
Right: 1145.679+/-0.347 χ^2/NDF : 665019.8/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1145.679+/-0.347 χ^2/NDF : 665019.8/12

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: 1840.483+/-823.634 χ^2/NDF : 8.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

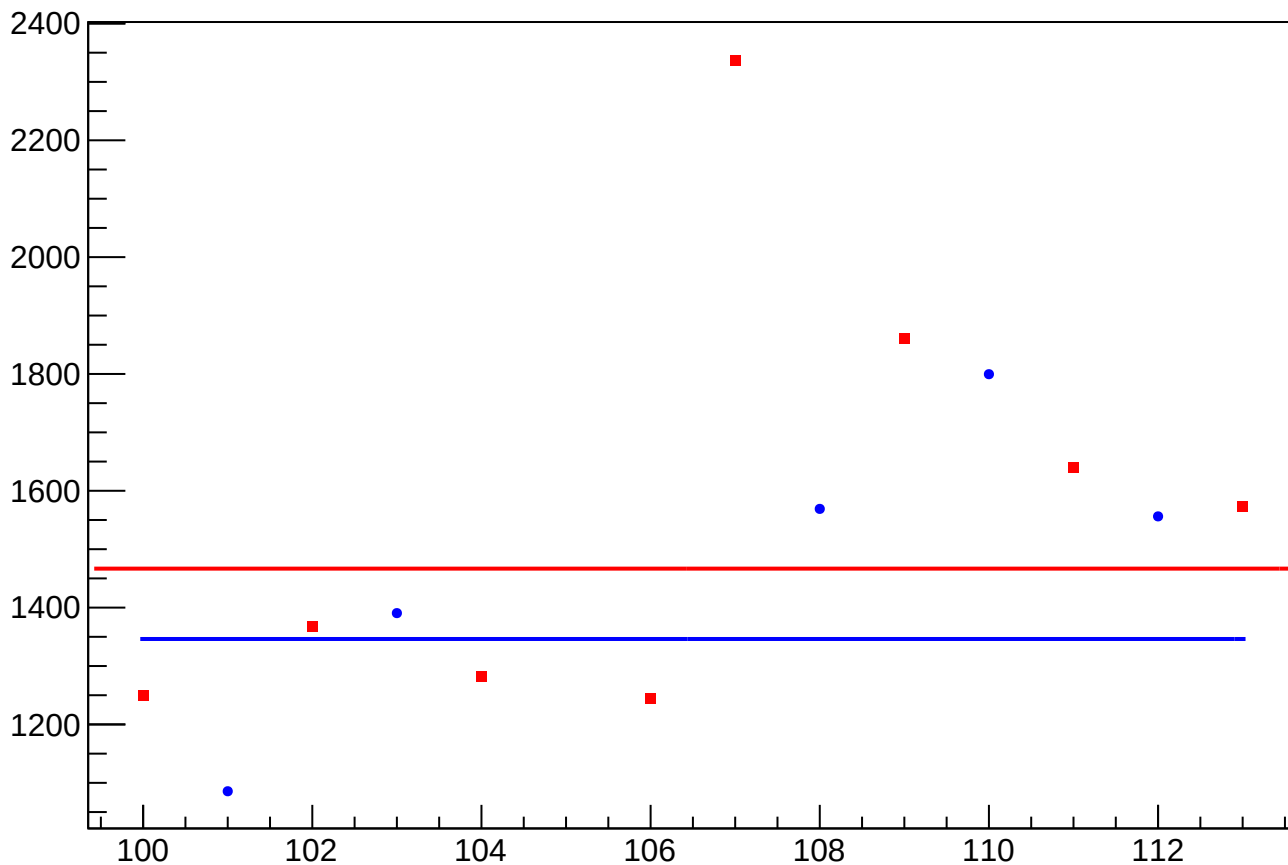
Right: 2372.259+/-594.946 χ^2/NDF : 13.5/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2372.259+/-594.946 χ^2/NDF : 13.5/12

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: 1466.737+/-0.582 χ^2/NDF : 182624.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

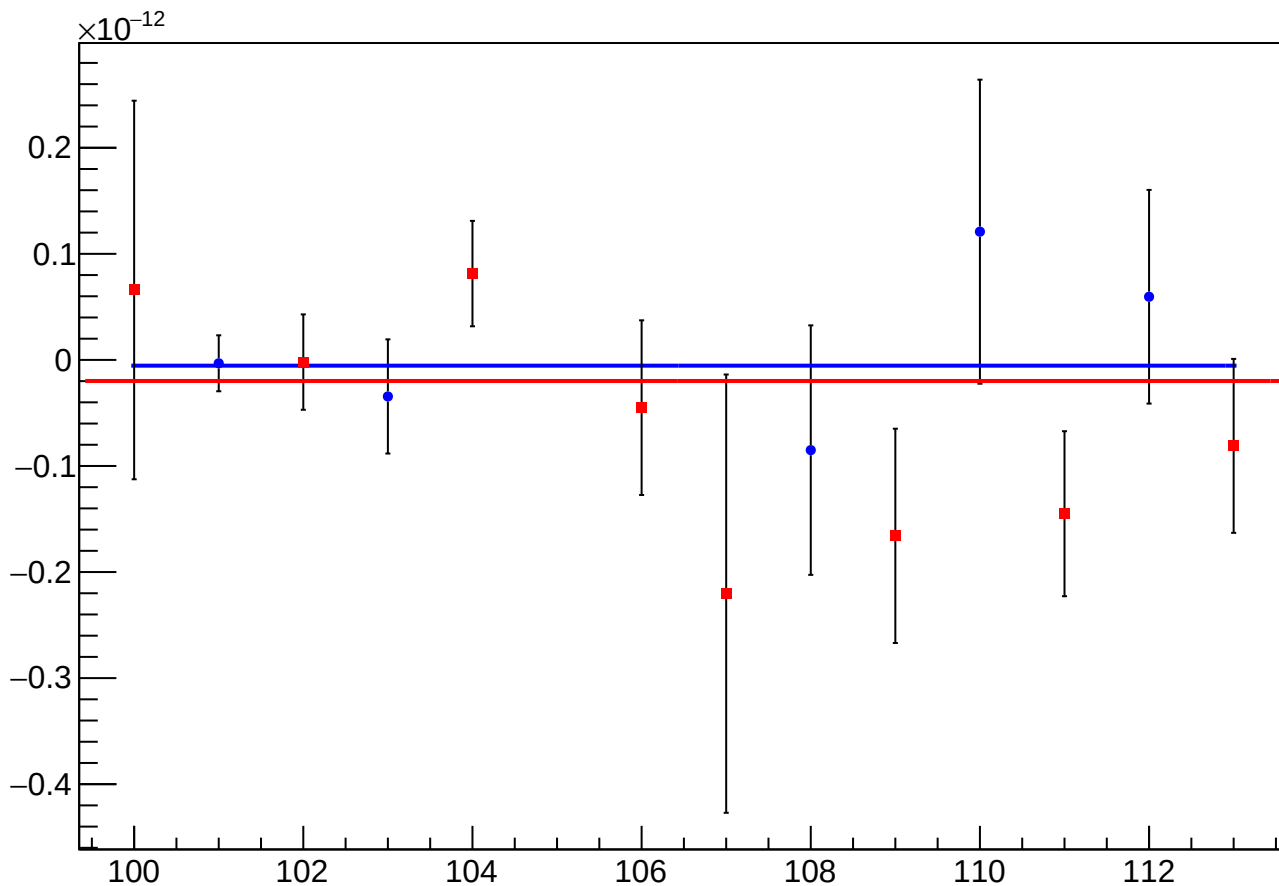
Right: 1409.134+/-0.421 χ^2/NDF : 361802.3/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1409.134+/-0.421 χ^2/NDF : 361802.3/12

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 : 10.8/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

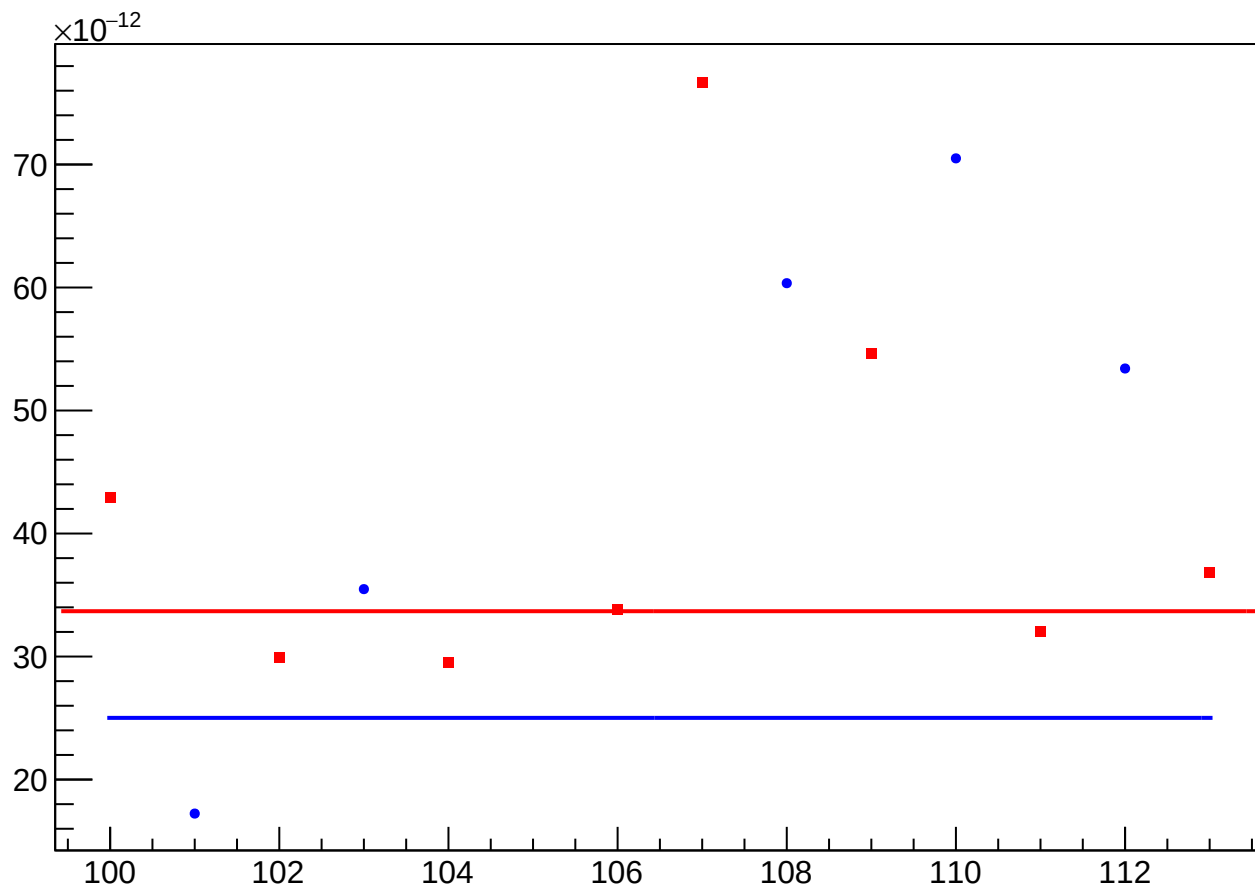
Right: -0.000+/-0.000 χ^2/NDF : 12.9/12

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 : 12.9/12

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 : 210064.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

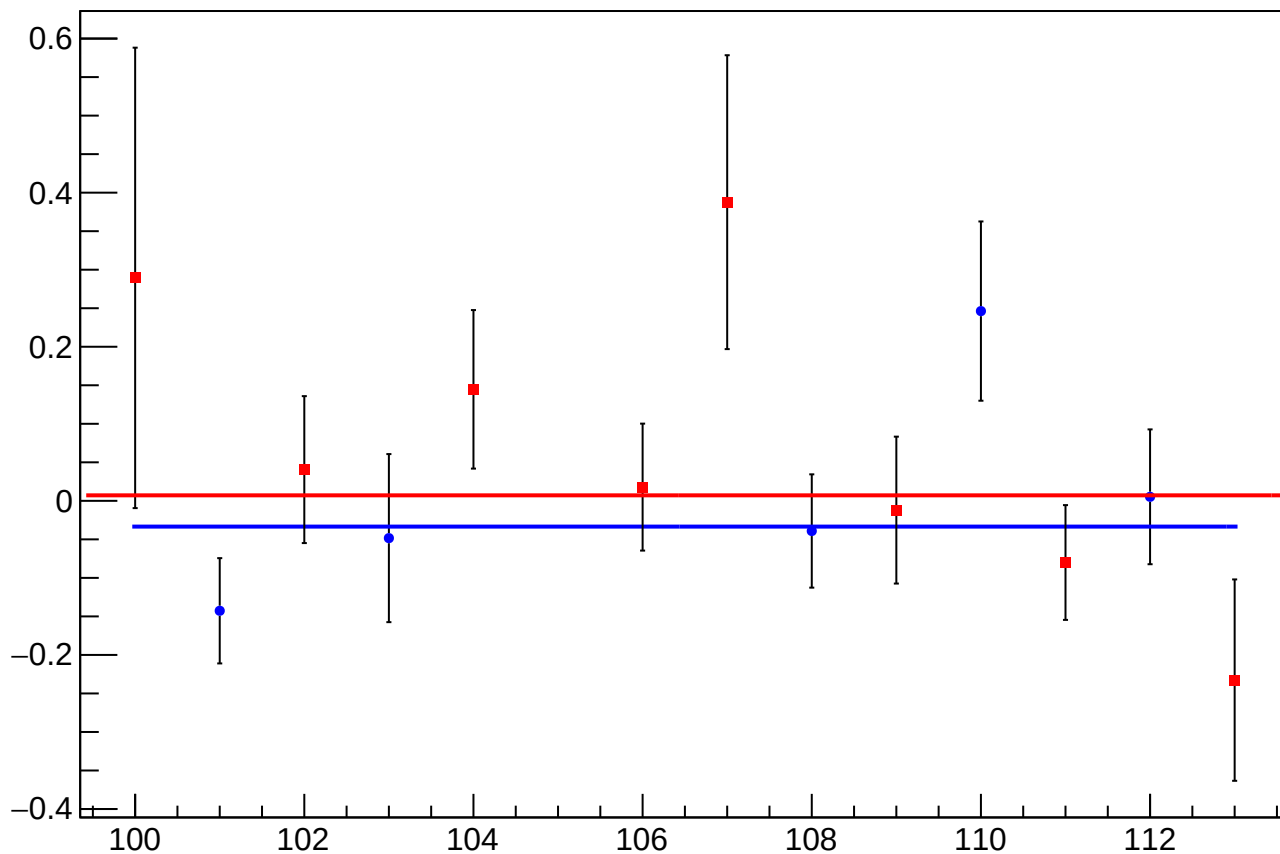
Right: 0.000+/-0.000 χ^2/NDF : 1130296.4/12

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 : 1130296.4/12

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: 0.007 $\pm$ 0.037 χ^2 /NDF: 11.6/7

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

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

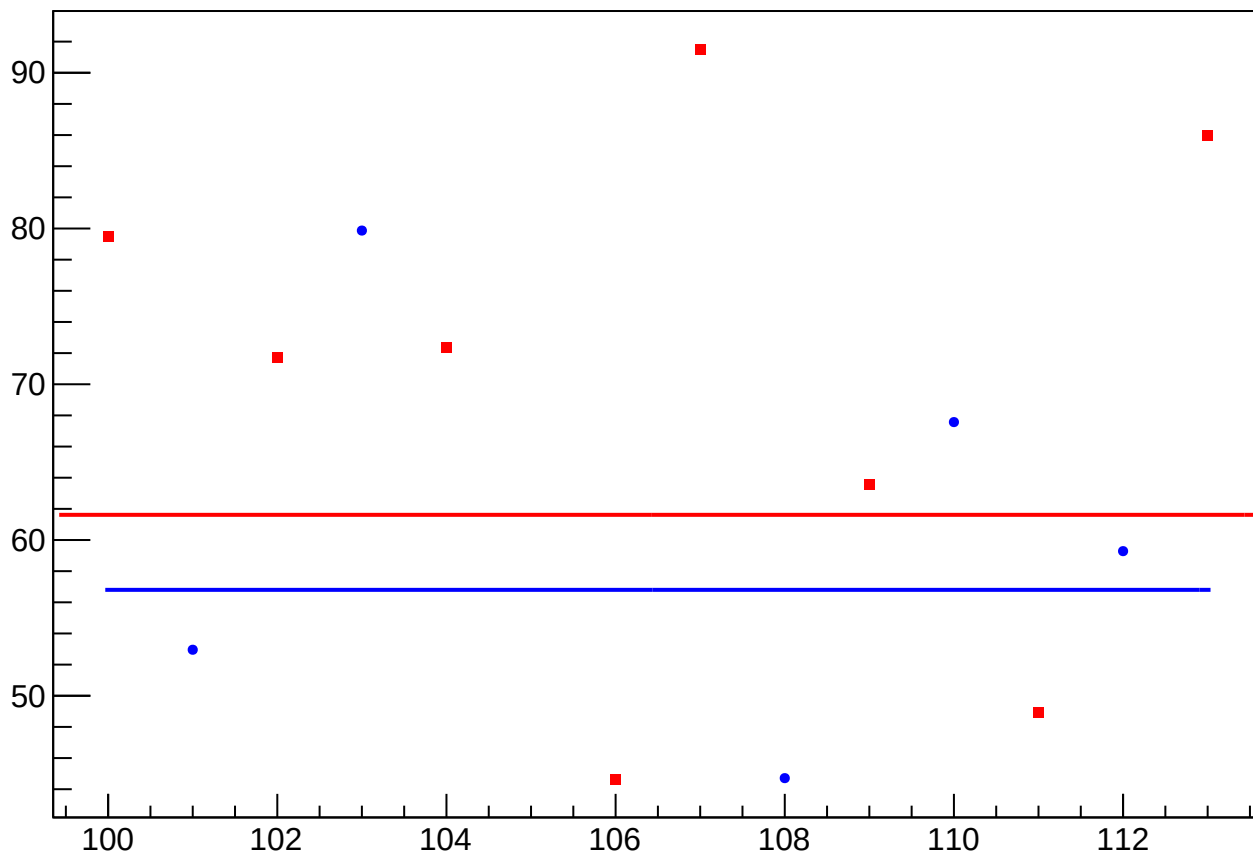
Right: -0.012 $\pm$ 0.026 χ^2 /NDF: 20.7/12

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: -0.012 $\pm$ 0.026 χ^2 /NDF: 20.7/12

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: 61.617+/-0.026 χ^2/NDF : 313859.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

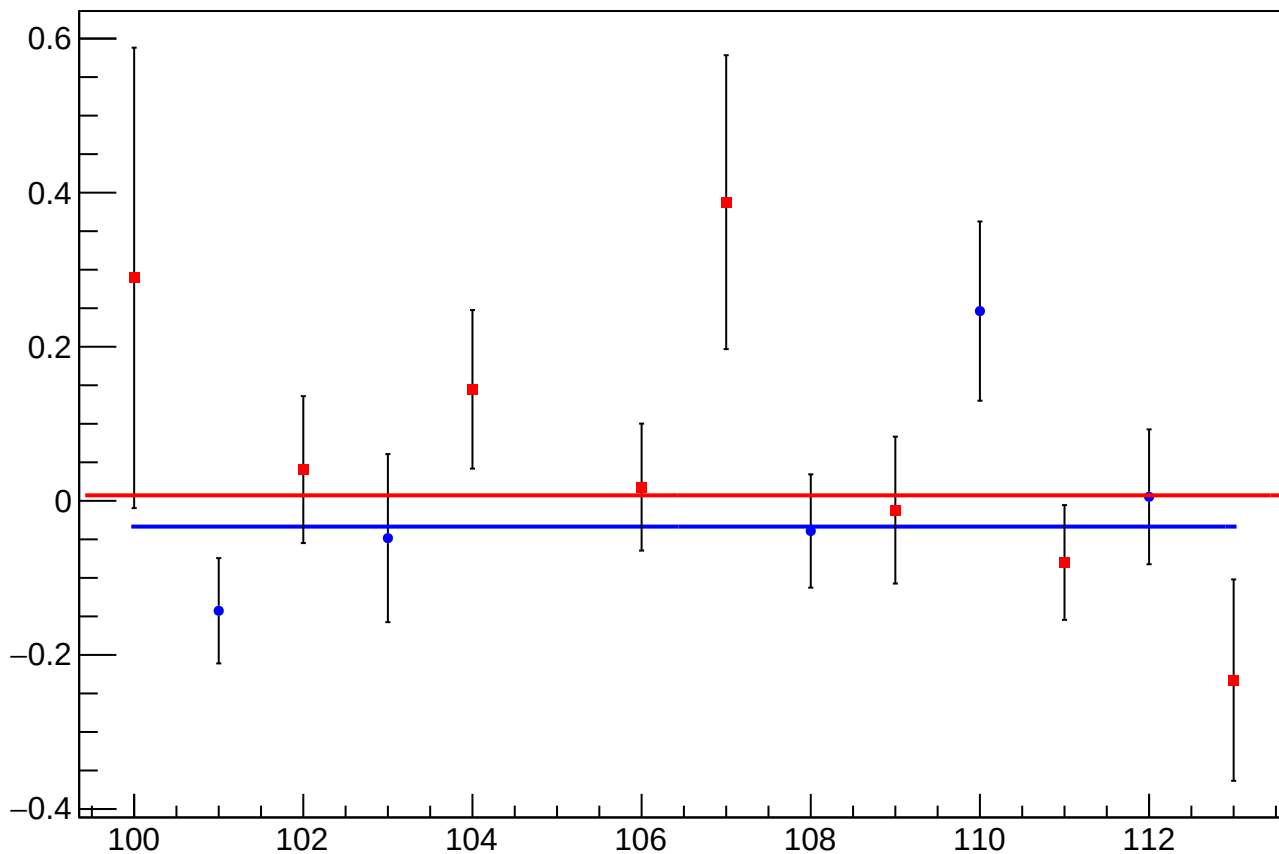
Right: 59.296+/-0.019 χ^2/NDF : 498983.8/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.296+/-0.019 χ^2/NDF : 498983.8/12

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: 0.007+/-0.037 χ^2/NDF : 11.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

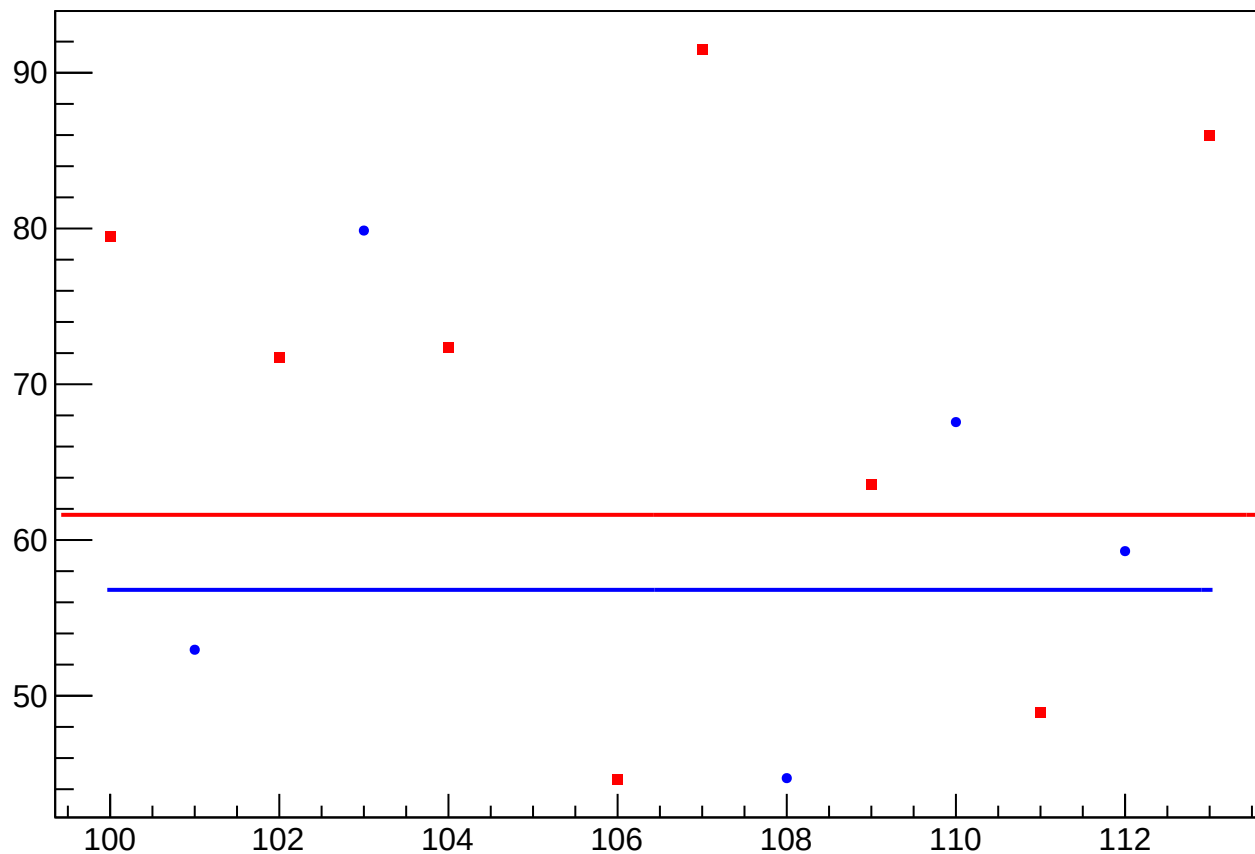
Right: -0.012+/-0.026 χ^2/NDF : 20.7/12

In: -0.033+/-0.038 χ^2/NDF :8.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.012+/-0.026 χ^2/NDF : 20.7/12

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: 61.617+/-0.026 χ^2/NDF : 313859.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

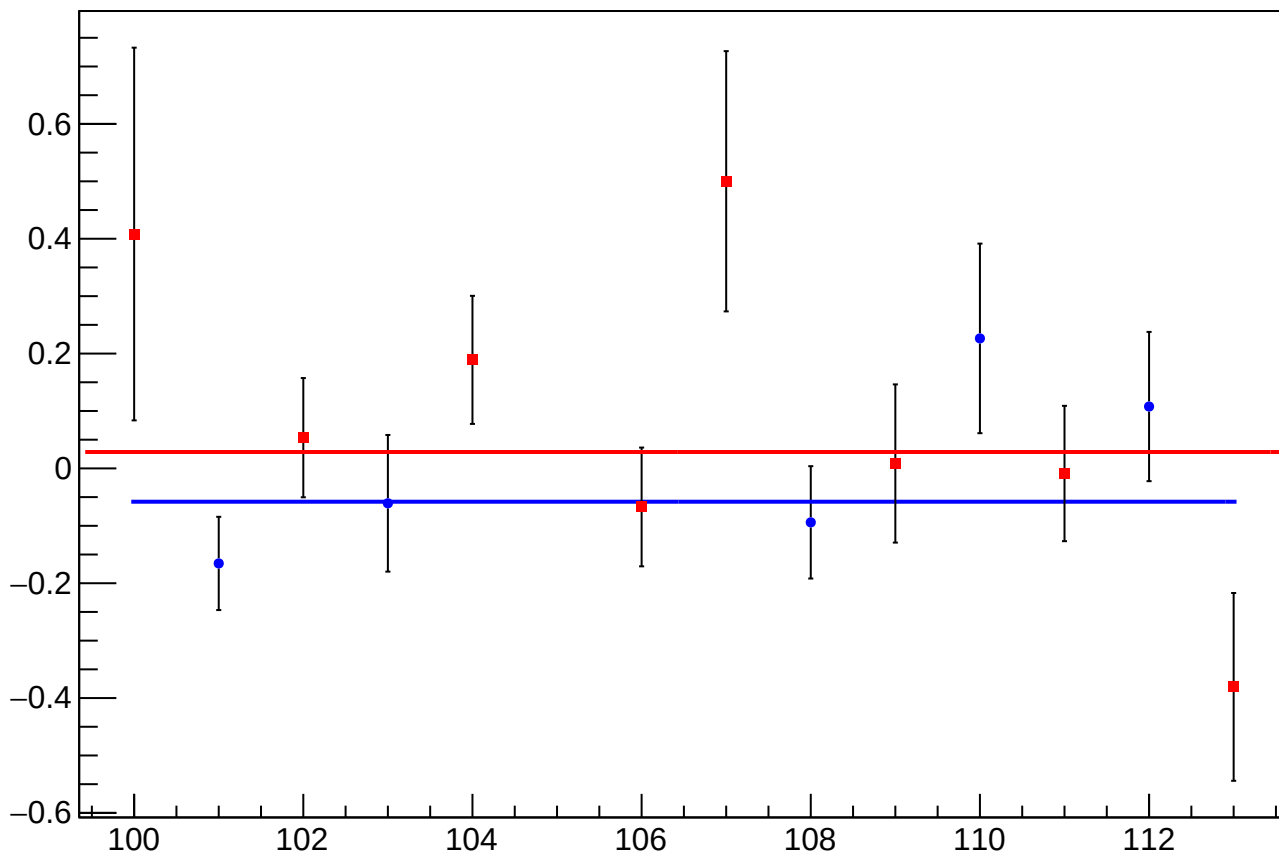
Right: 59.296+/-0.019 χ^2/NDF : 498983.8/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.296+/-0.019 χ^2/NDF : 498983.8/12

asym_us_avg_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.058 $\pm$ 0.049 χ^2 /NDF: 6.5/4

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

Right Out: 0.029 $\pm$ 0.047 χ^2 /NDF: 15.1/7

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

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

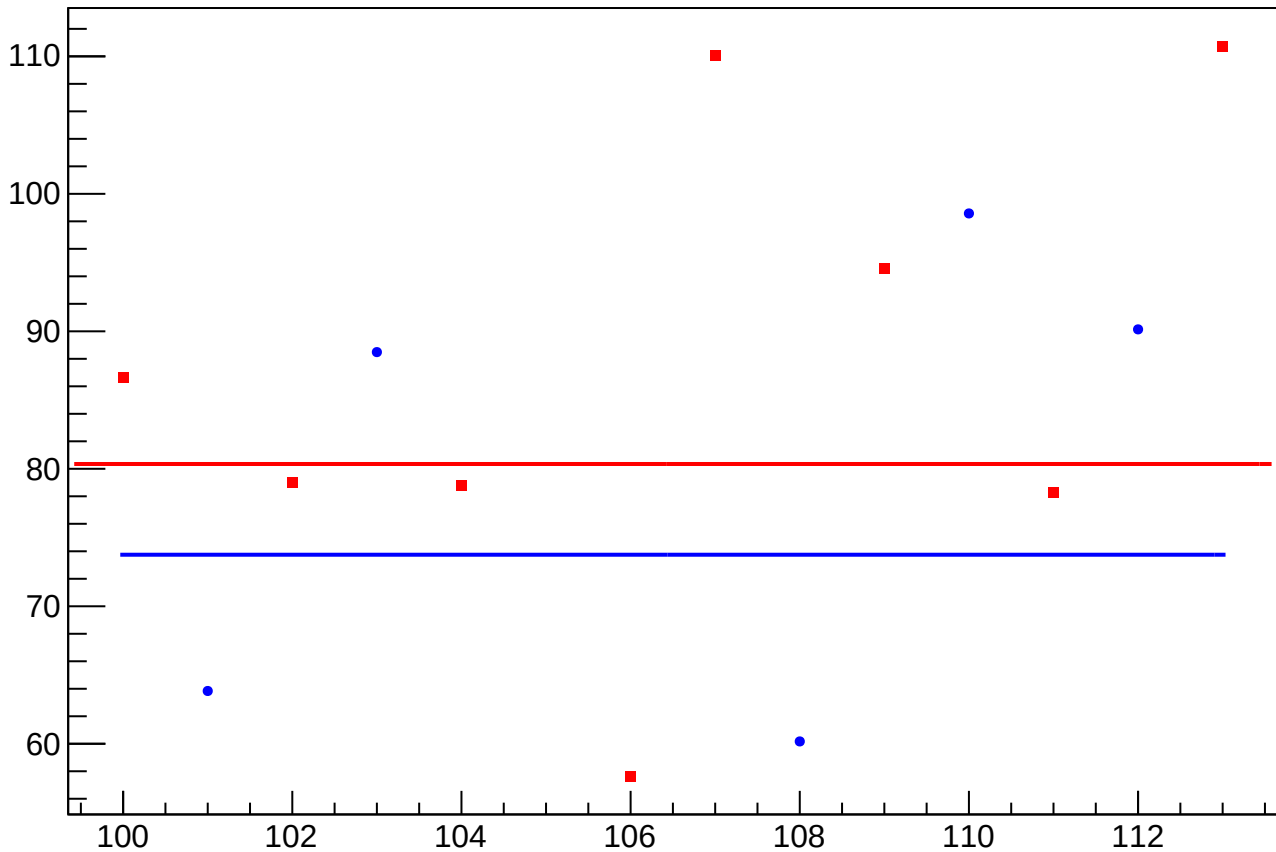
Right: -0.013 $\pm$ 0.034 χ^2 /NDF: 23.2/12

In: -0.058 $\pm$ 0.049 χ^2 /NDF:6.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.034 χ^2 /NDF: 23.2/12

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: 80.349+/-0.033 χ^2/NDF : 223626.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

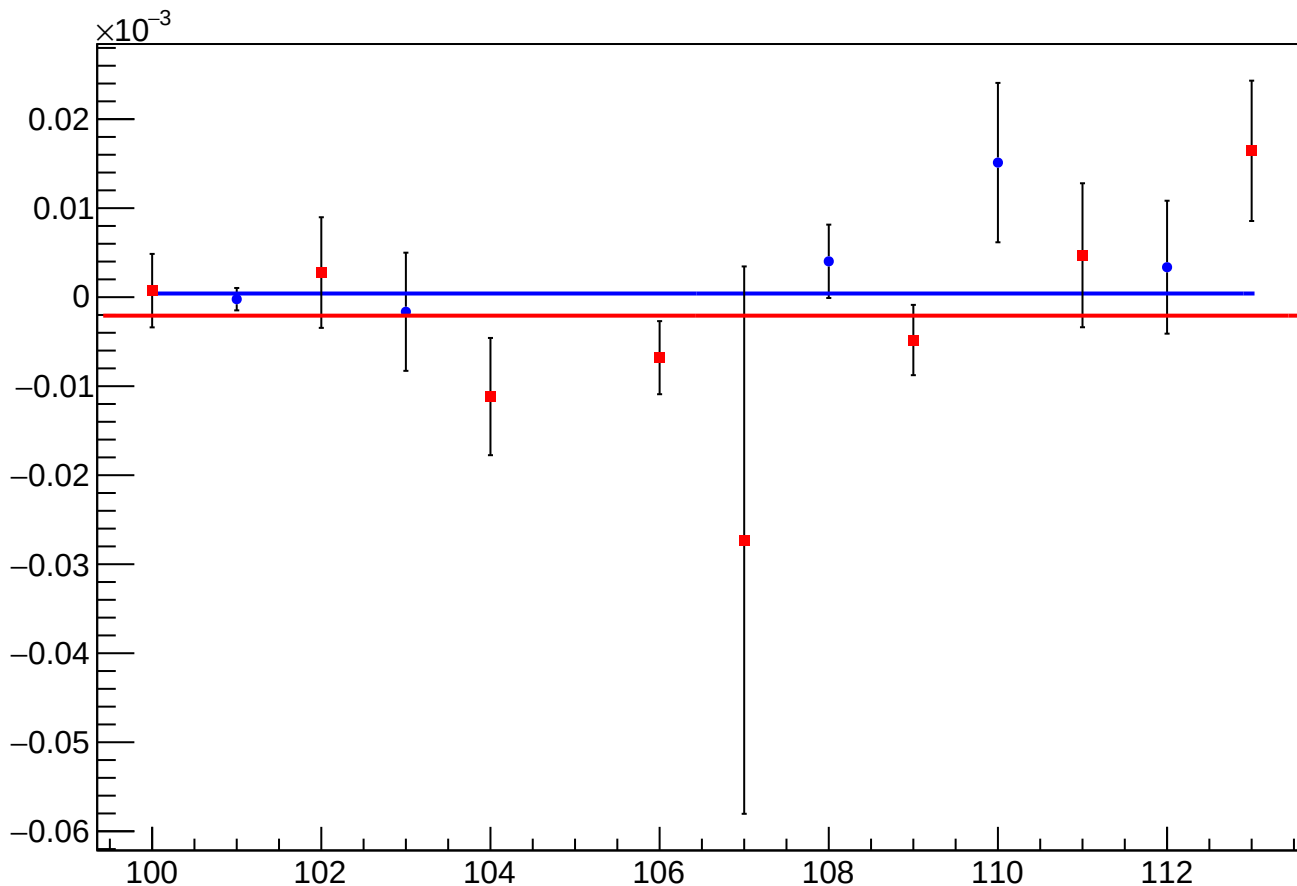
Right: 77.181+/-0.024 χ^2/NDF : 418776.7/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.181+/-0.024 χ^2/NDF : 418776.7/12

asym_us_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.0/4

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.7/7

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

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

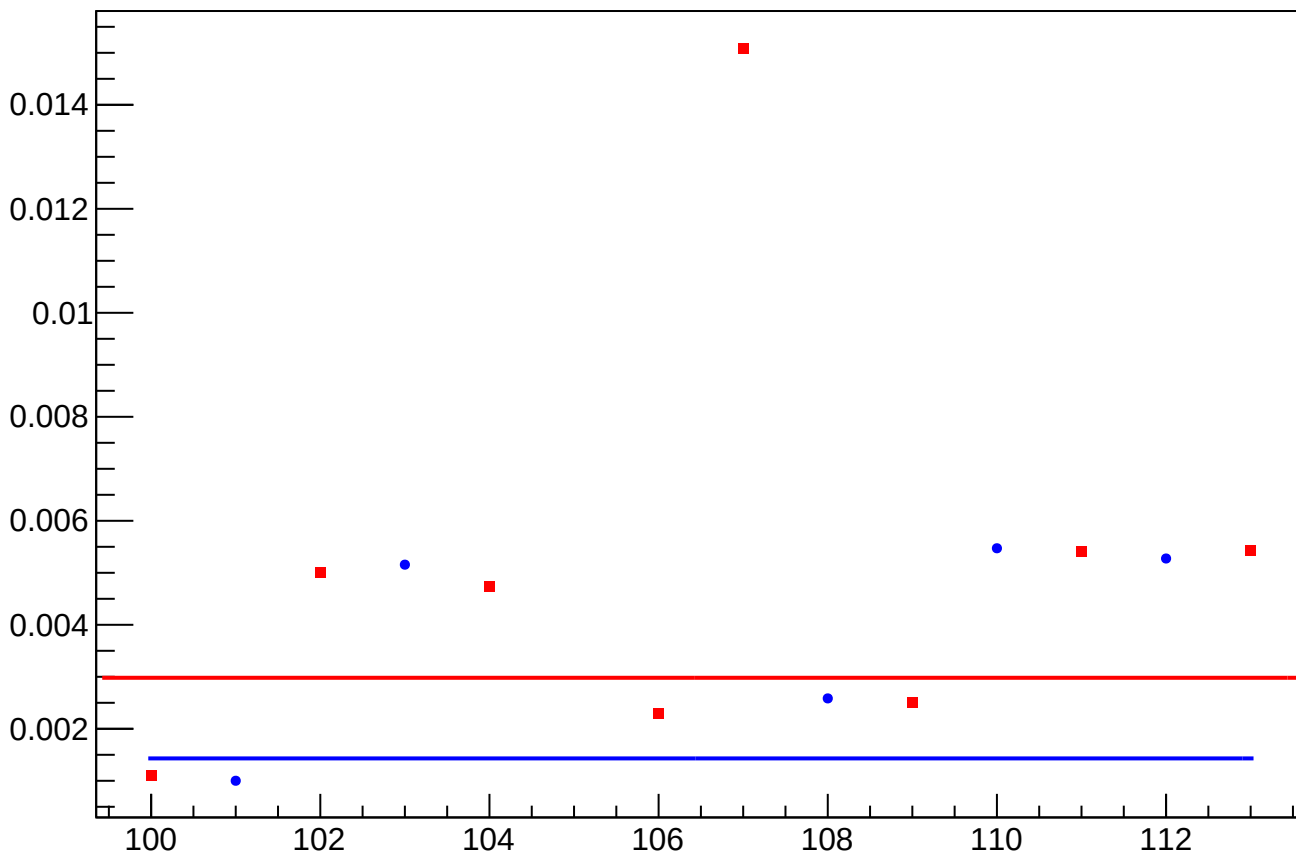
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 16.9/12

In: 0.000 $\pm$ 0.000 χ^2 /NDF:4.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 16.9/12

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 : 1531874.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

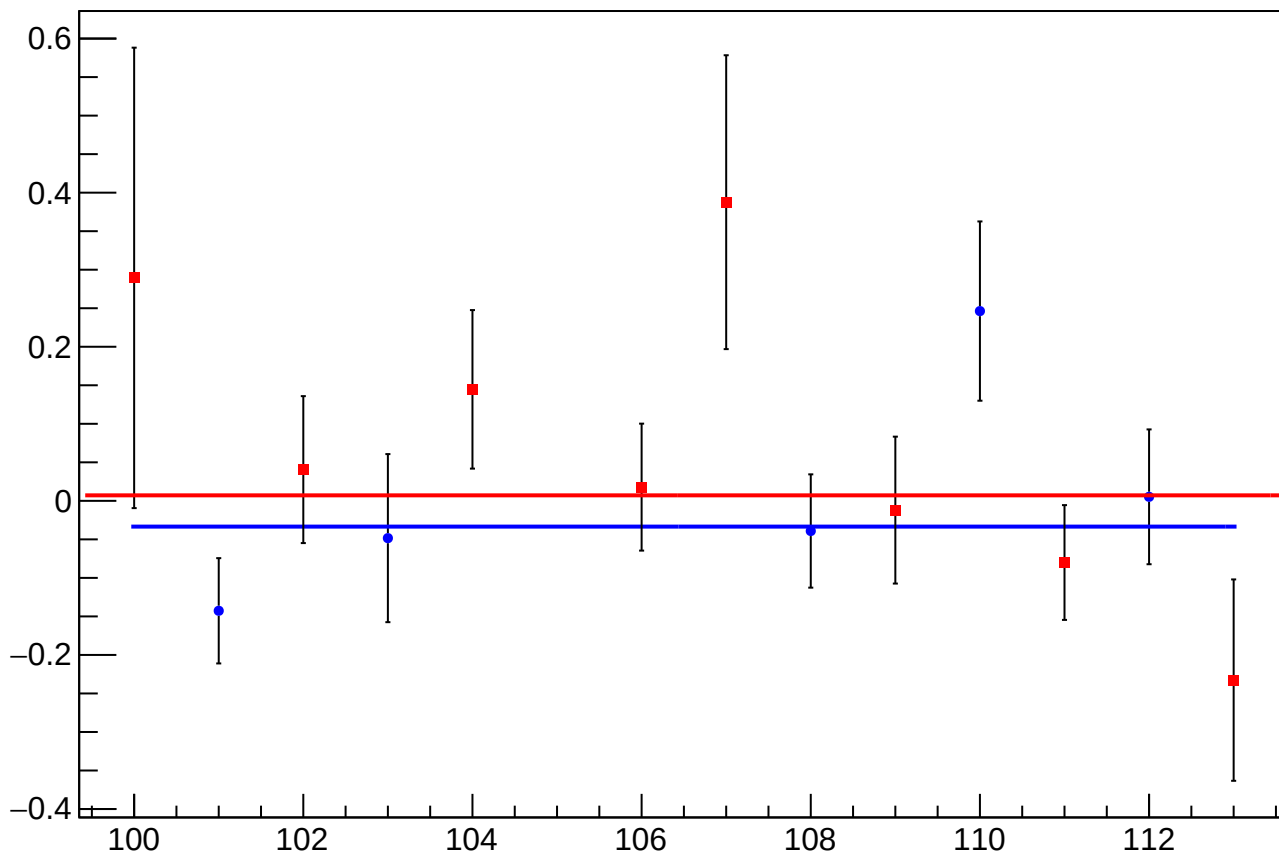
Right: 0.002+/-0.000 χ^2/NDF : 4426726.7/12

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 : 4426726.7/12

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: 0.007+/-0.037 χ^2/NDF : 11.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

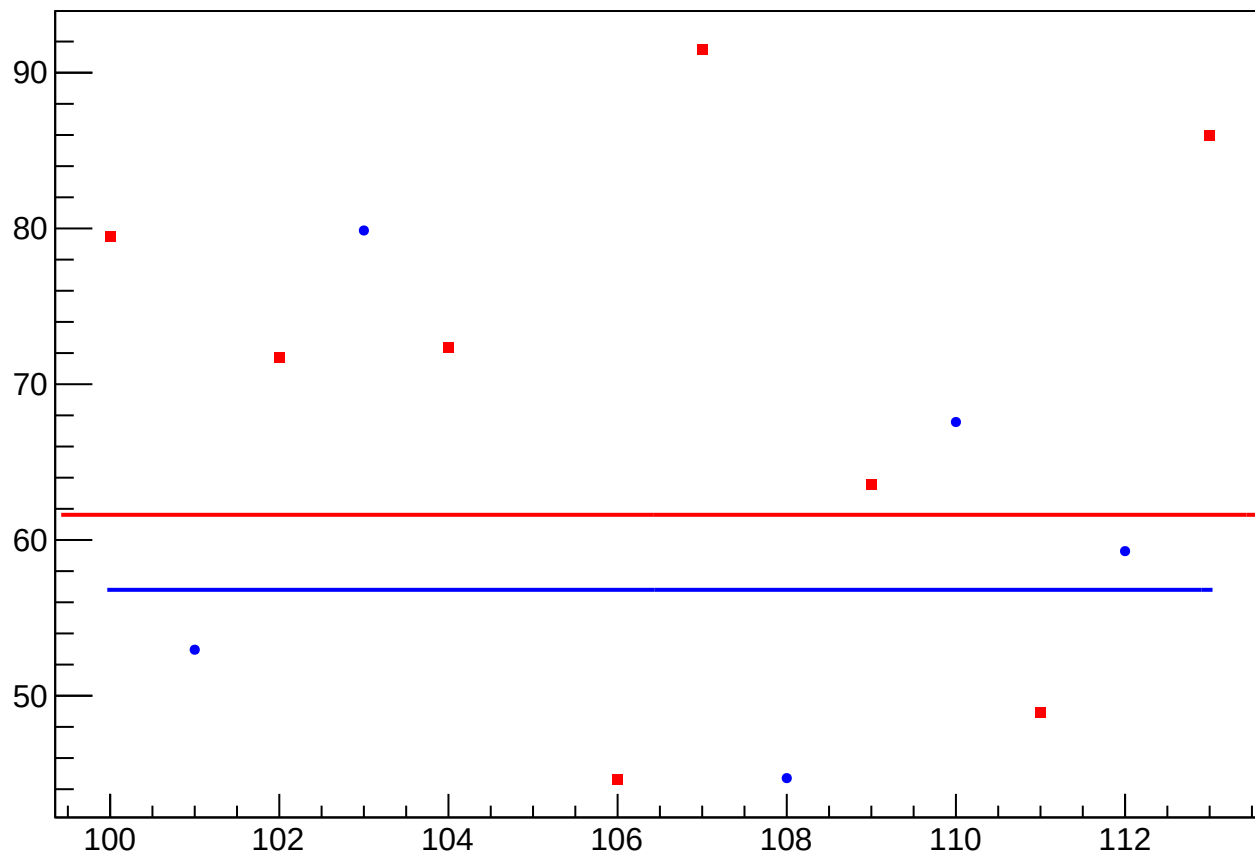
Right: -0.012+/-0.026 χ^2/NDF : 20.7/12

In: -0.033+/-0.038 χ^2/NDF :8.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.012+/-0.026 χ^2/NDF : 20.7/12

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: 61.616+/-0.026 χ^2/NDF : 313844.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

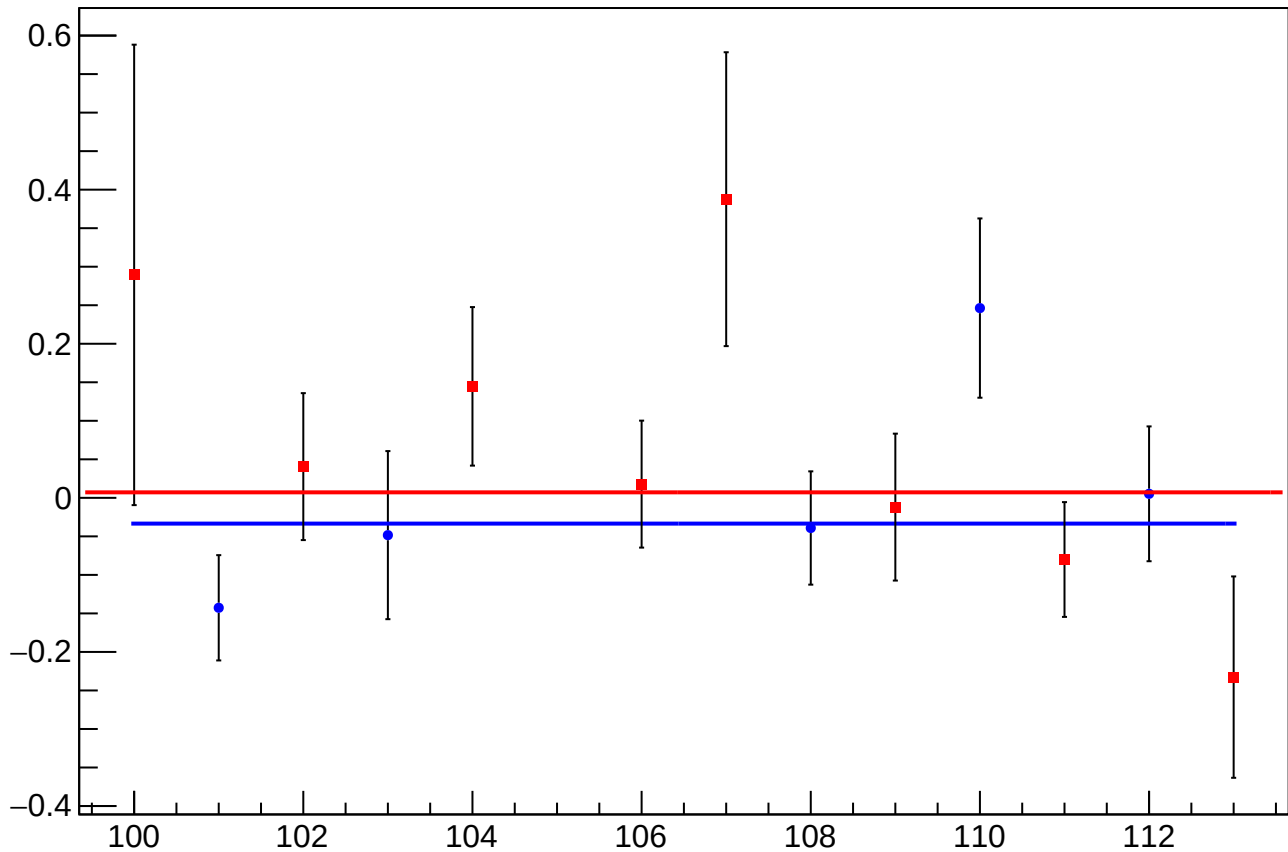
Right: 59.295+/-0.019 χ^2/NDF : 498978.3/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.295+/-0.019 χ^2/NDF : 498978.3/12

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: 0.007+/-0.037 χ^2/NDF : 11.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

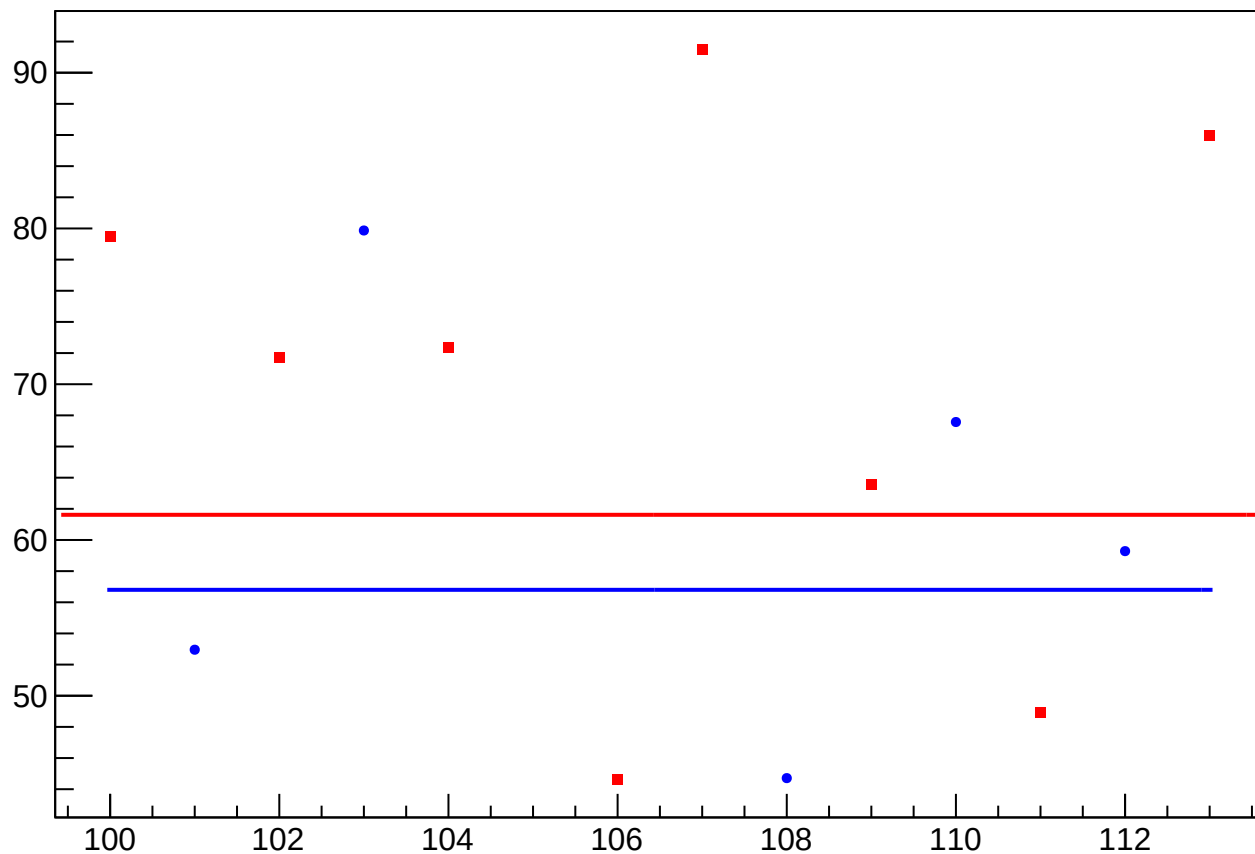
Right: -0.012+/-0.026 χ^2/NDF : 20.7/12

In: -0.033+/-0.038 χ^2/NDF : 8.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.012+/-0.026 χ^2/NDF : 20.7/12

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: 61.616+/-0.026 χ^2/NDF : 313844.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

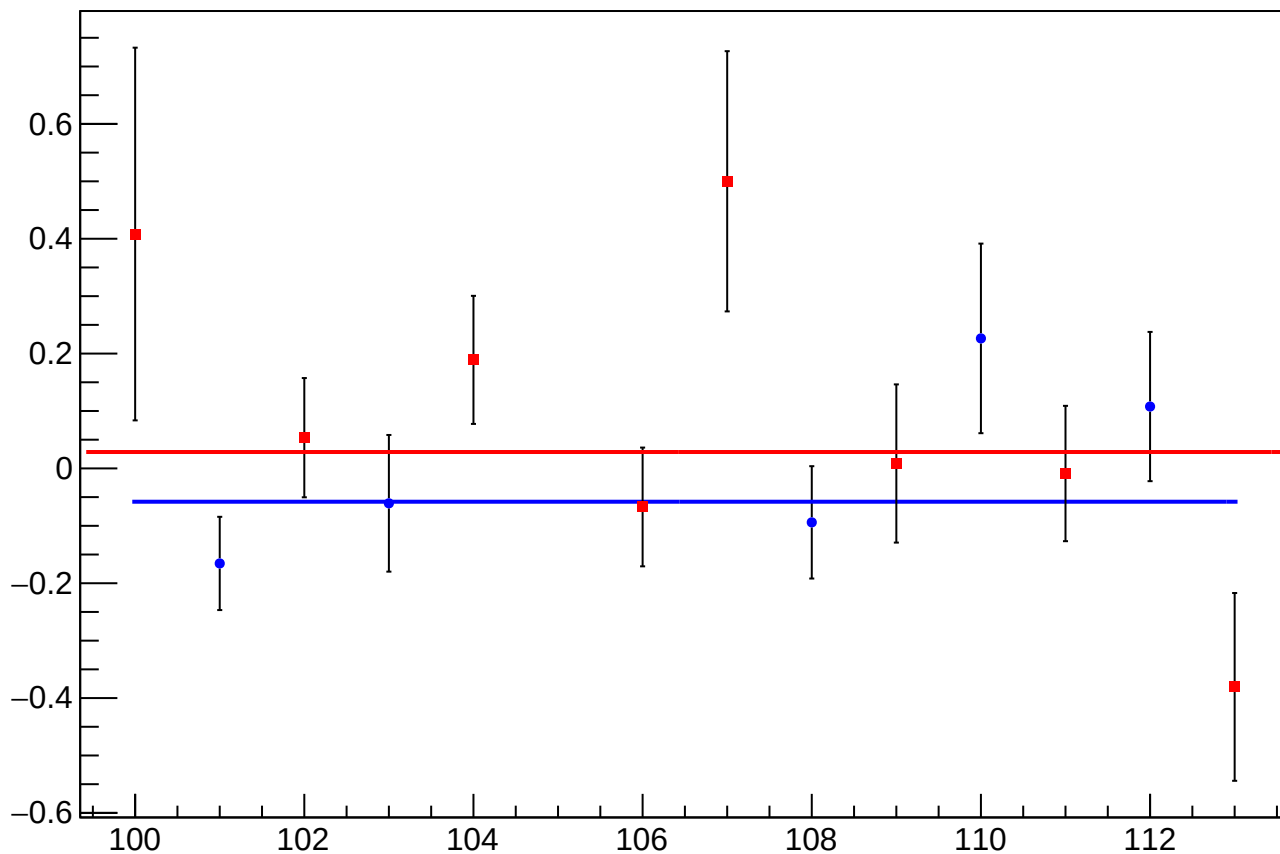
Right: 59.295+/-0.019 χ^2/NDF : 498978.3/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.295+/-0.019 χ^2/NDF : 498978.3/12

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: 0.029+/-0.047 χ^2/NDF : 15.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

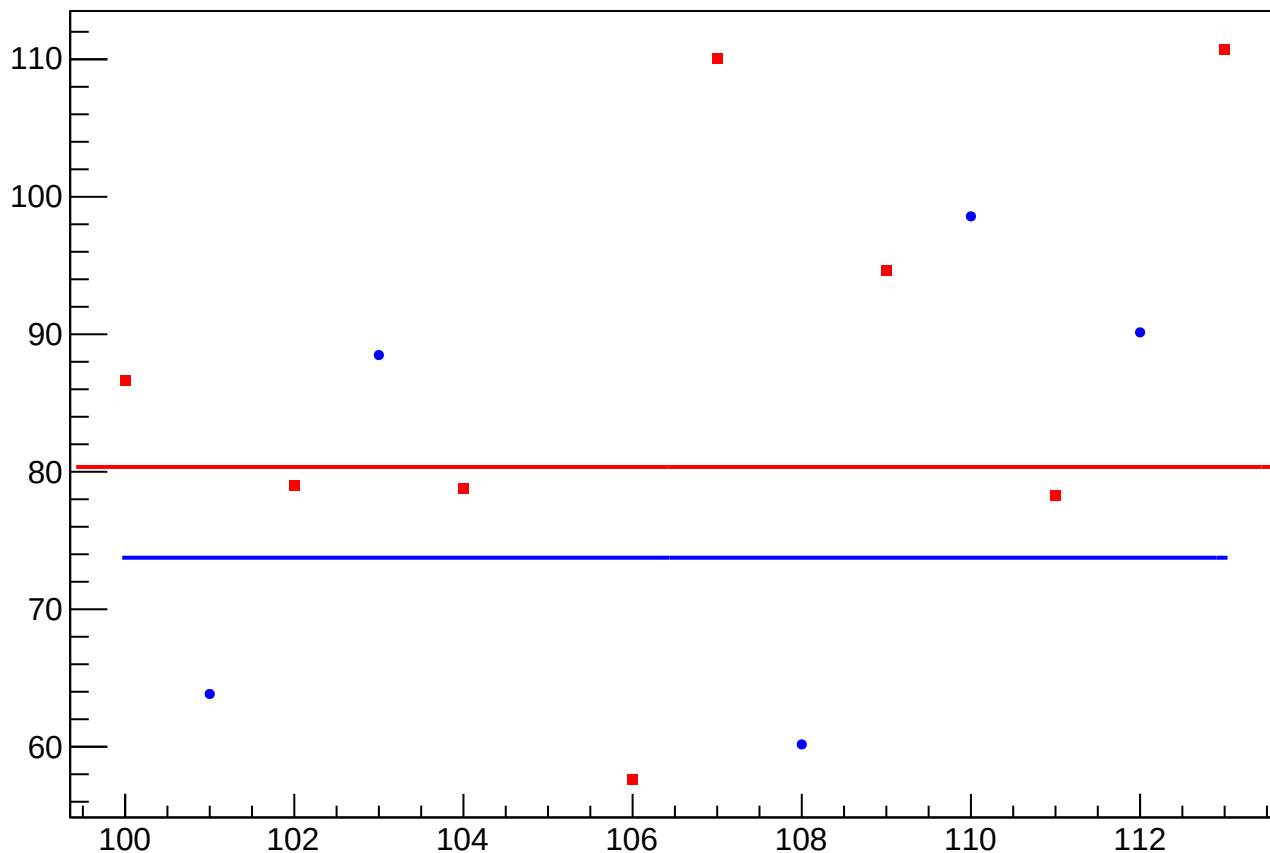
Right: -0.013+/-0.034 χ^2/NDF : 23.2/12

In: -0.058+/-0.049 χ^2/NDF : 6.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.013+/-0.034 χ^2/NDF : 23.2/12

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: 80.349+/-0.033 χ^2/NDF : 223615.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

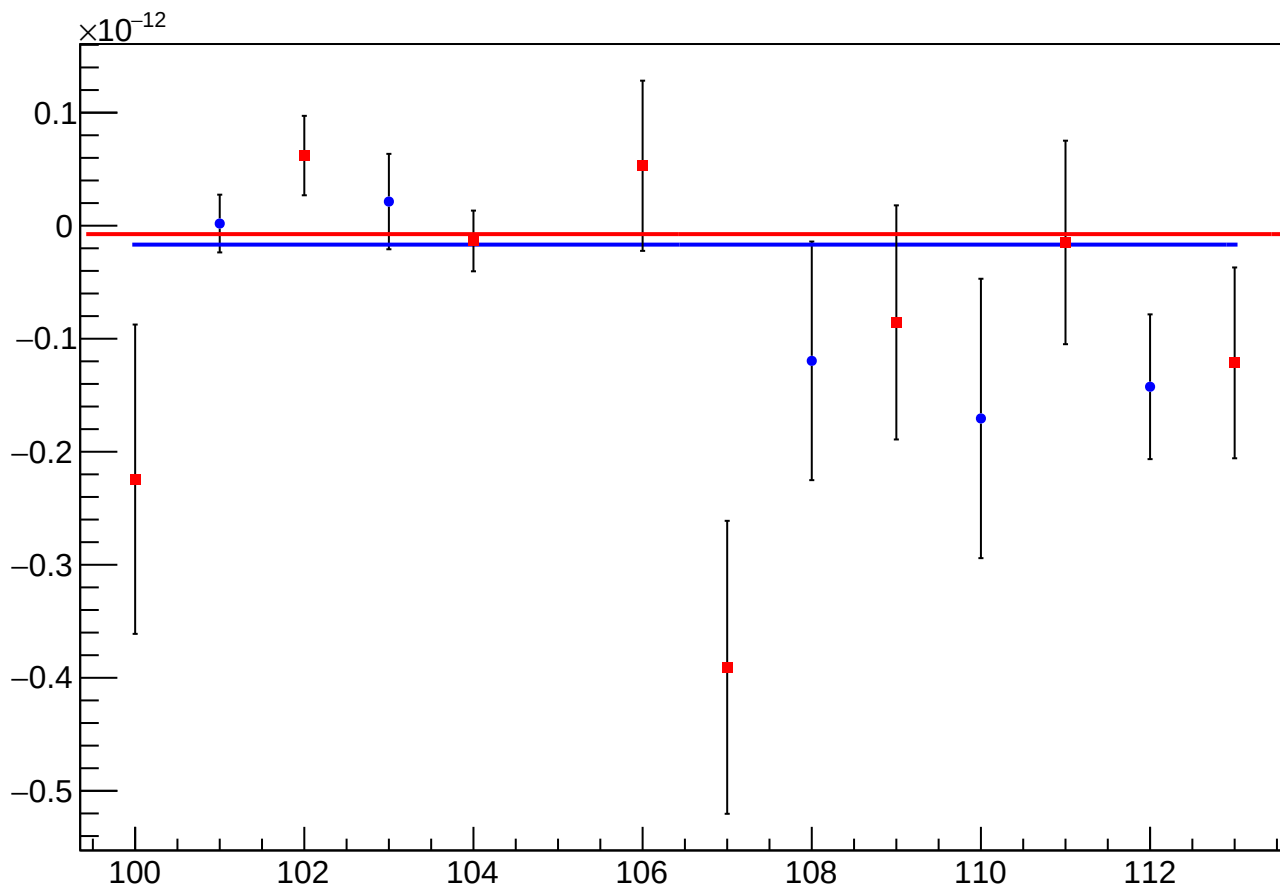
Right: 77.181+/-0.024 χ^2/NDF : 418769.1/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.181+/-0.024 χ^2/NDF : 418769.1/12

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 : 18.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

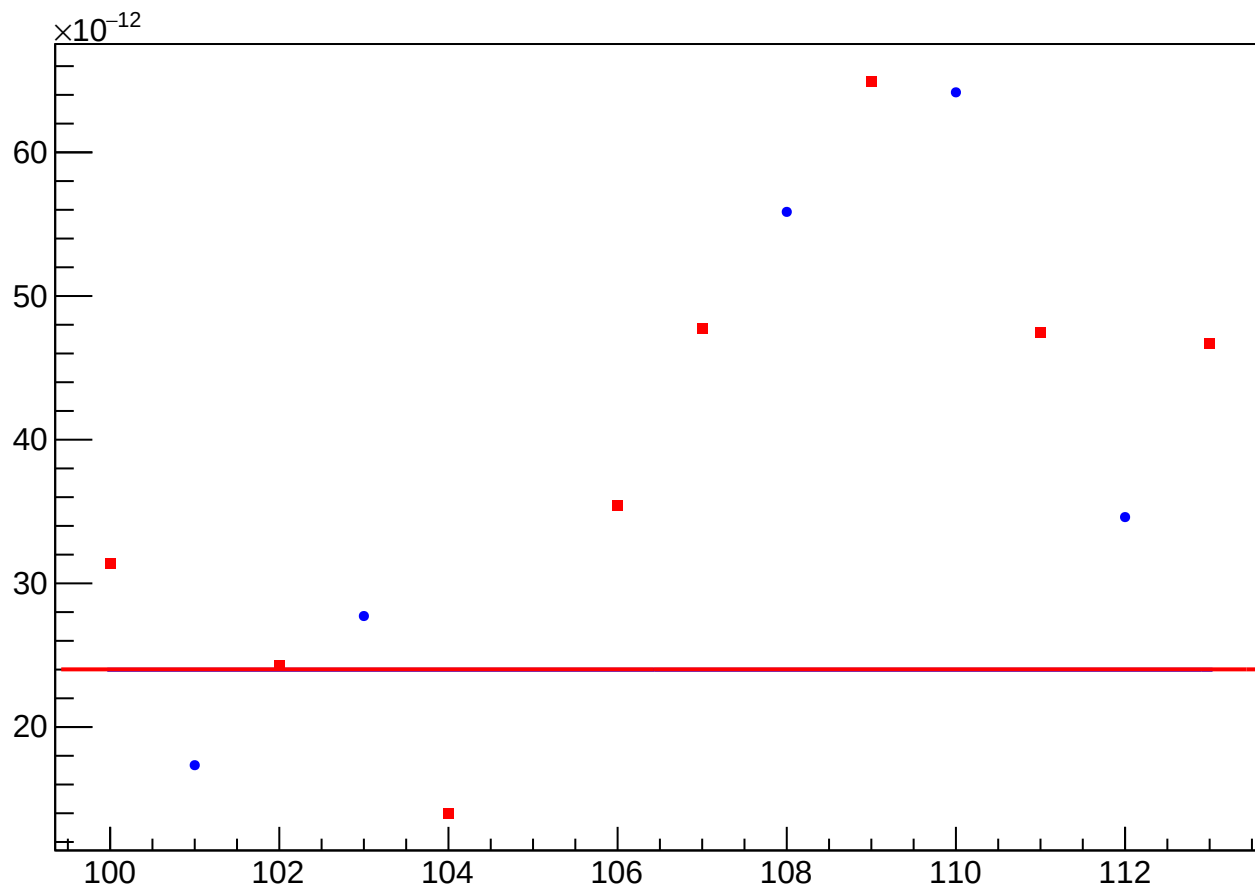
Right: -0.000+/-0.000 χ^2/NDF : 26.1/12

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 : 26.1/12

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 : 990131.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

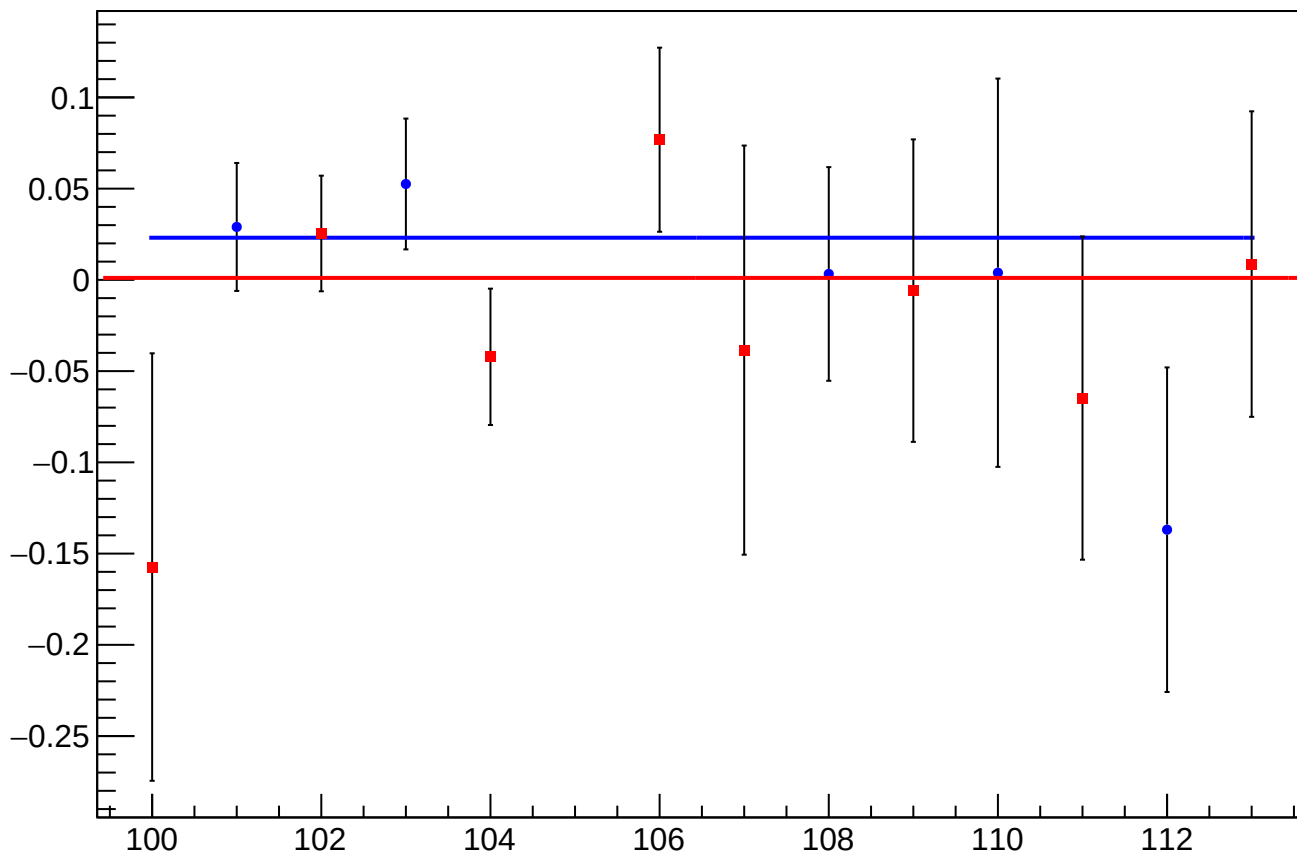
Right: 0.000+/-0.000 χ^2/NDF : 1590029.6/12

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 : 1590029.6/12

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+/-0.019 χ^2/NDF : 6.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

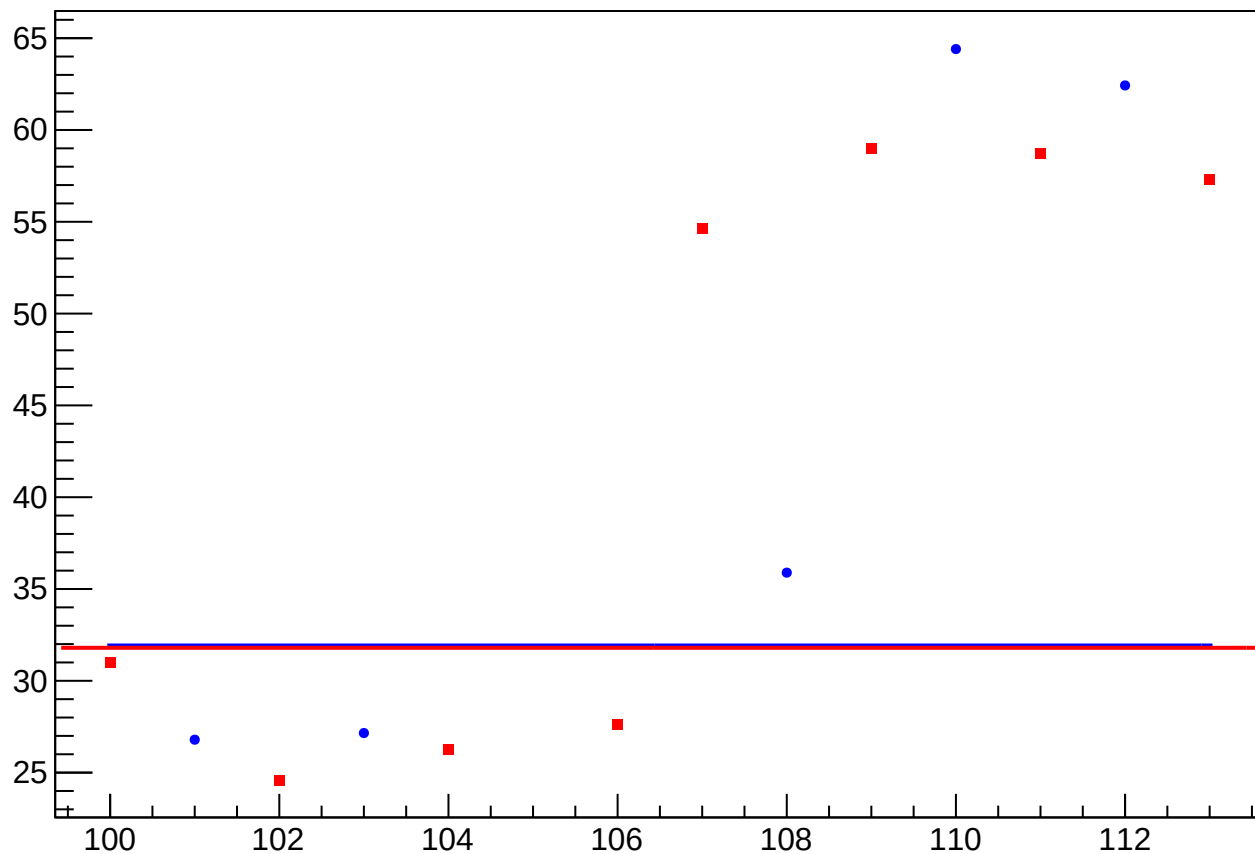
Right: 0.011+/-0.014 χ^2/NDF : 11.4/12

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+/-0.014 χ^2/NDF : 11.4/12

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: 31.798+/-0.014 χ^2/NDF : 830908.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

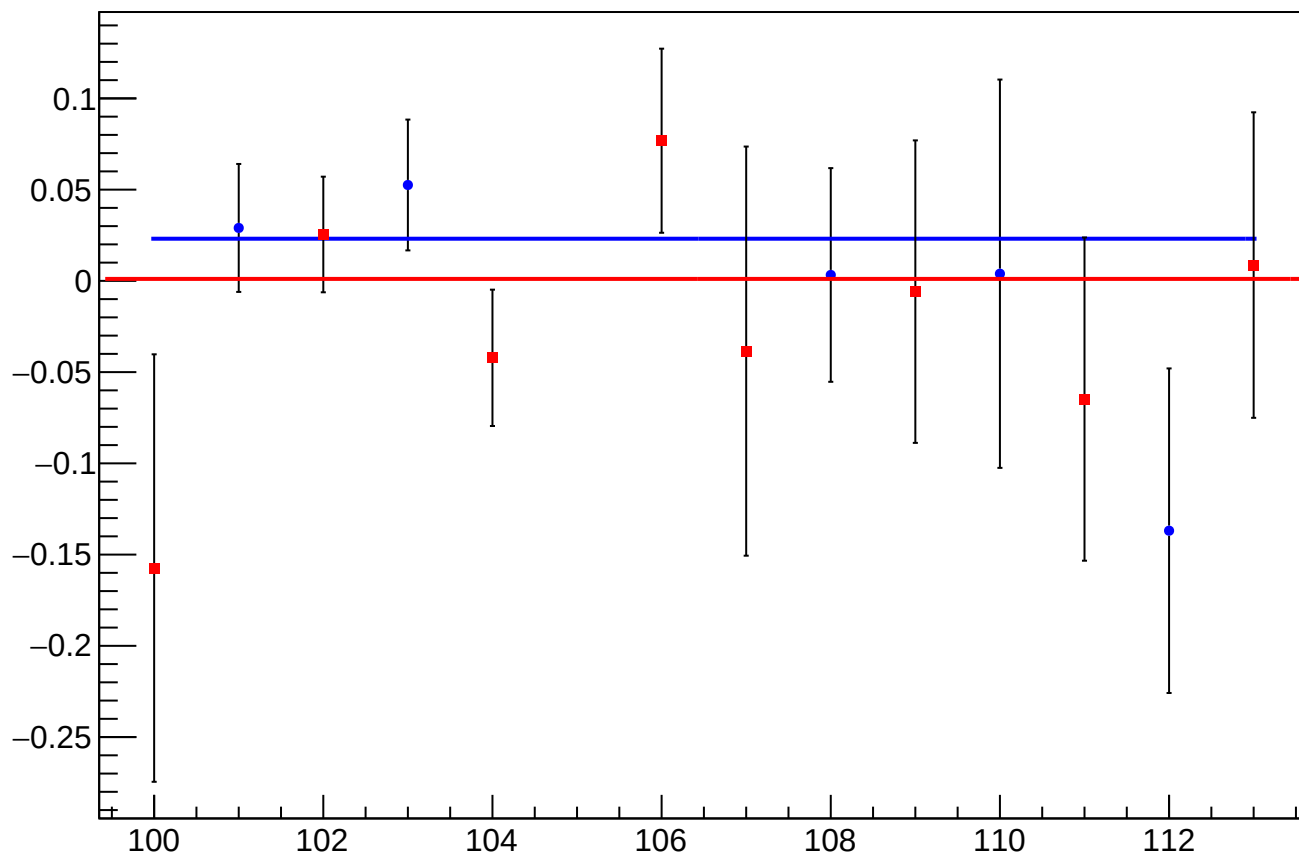
Right: 31.853+/-0.010 χ^2/NDF : 1340045.1/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.853+/-0.010 χ^2/NDF : 1340045.1/12

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+/-0.019 χ^2/NDF : 6.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

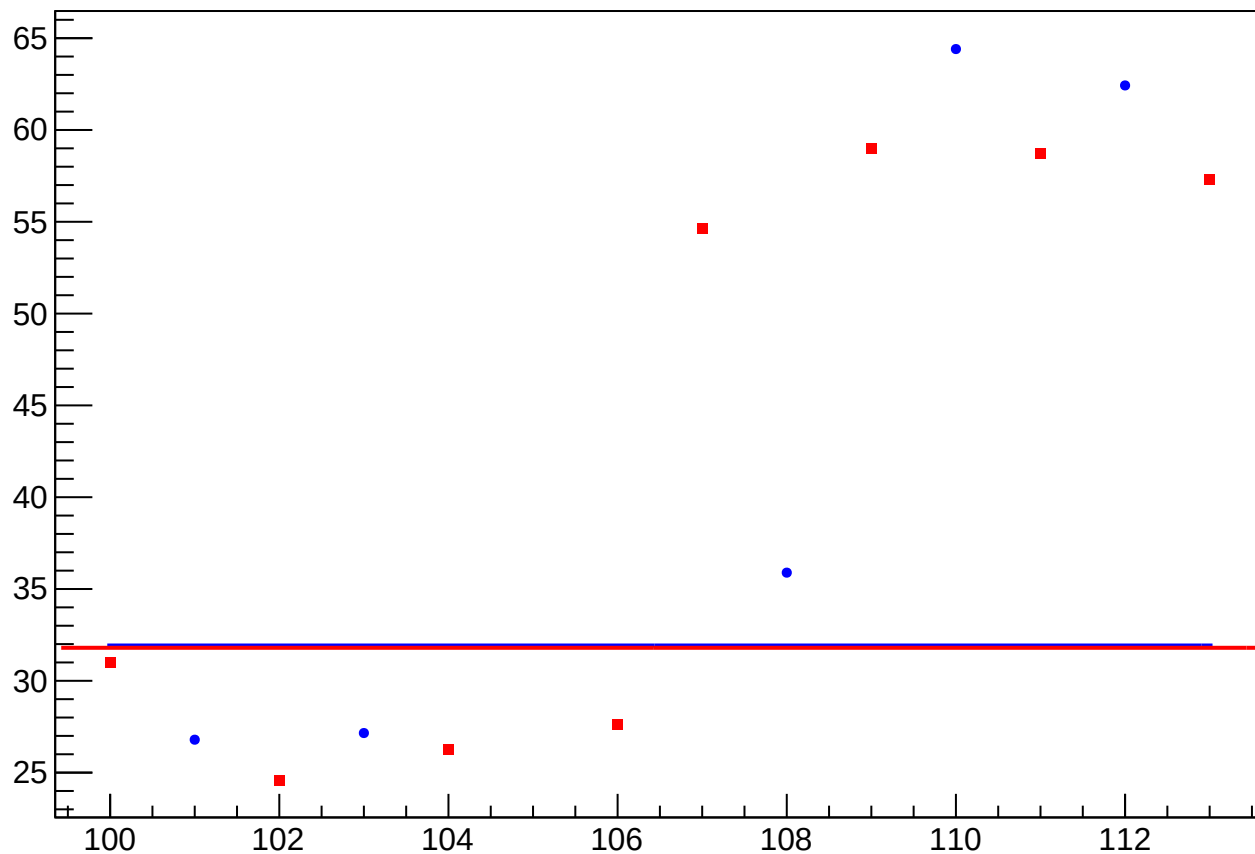
Right: 0.011+/-0.014 χ^2/NDF : 11.4/12

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+/-0.014 χ^2/NDF : 11.4/12

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: 31.798+/-0.014 χ^2/NDF : 830908.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

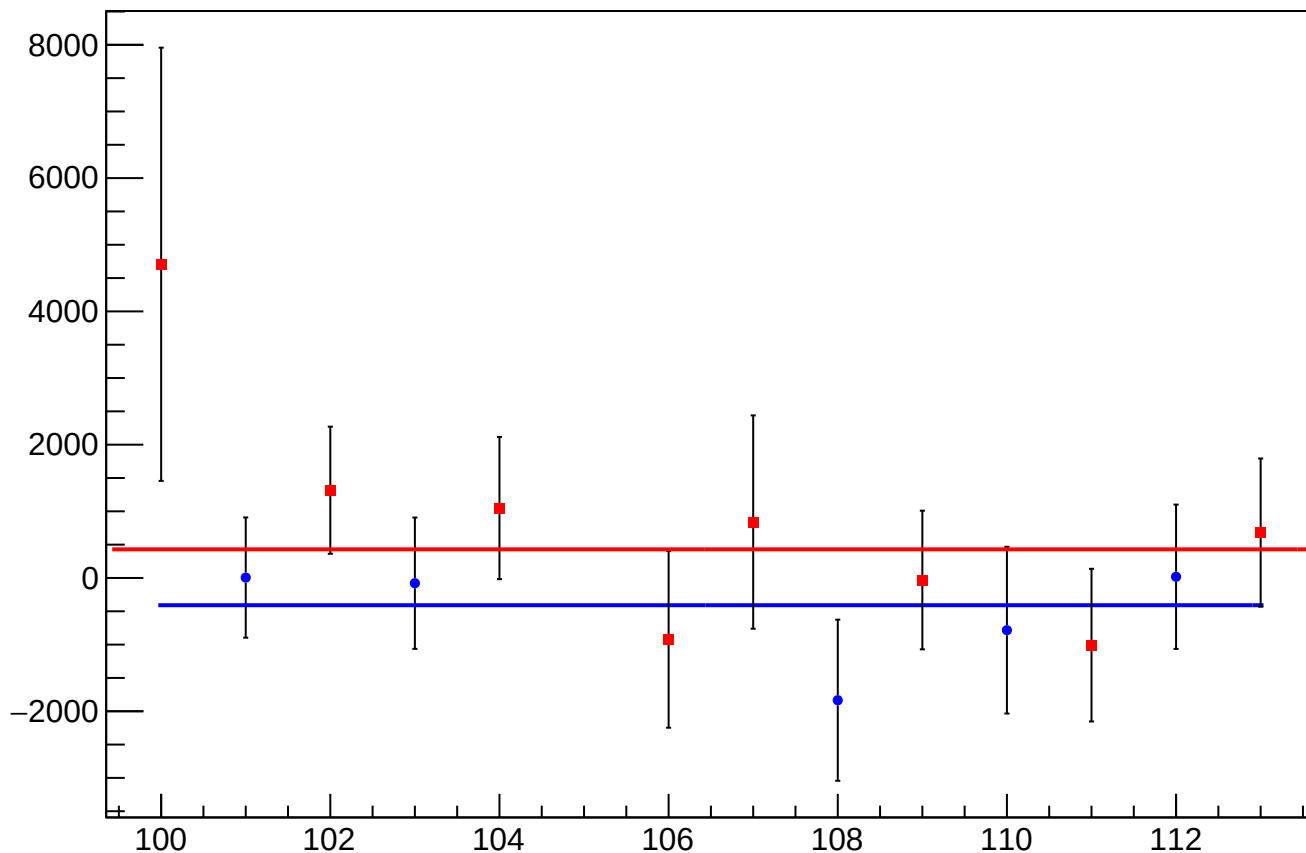
Right: 31.853+/-0.010 χ^2/NDF : 1340045.1/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.853+/-0.010 χ^2/NDF : 1340045.1/12

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: 429.467+/-425.372 χ^2/NDF : 5.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

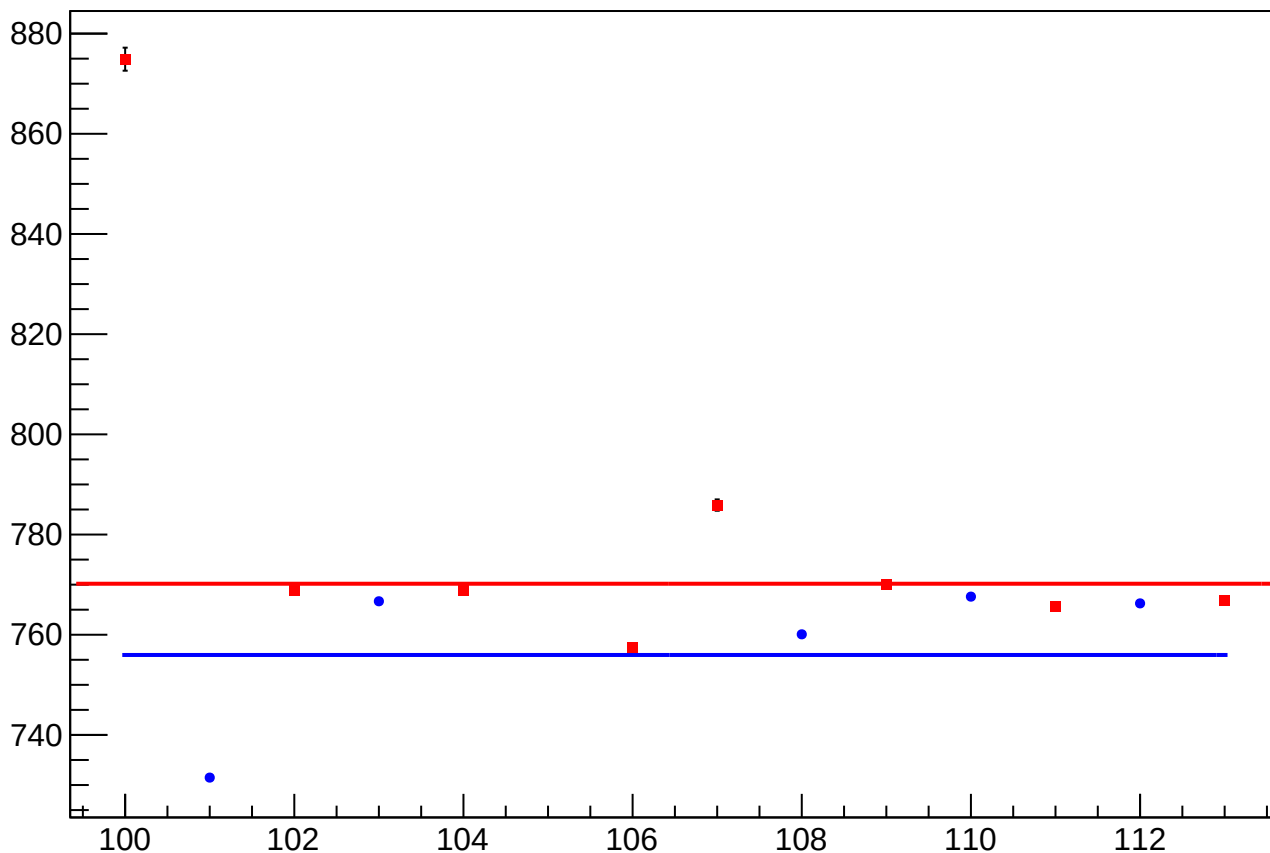
Right: 56.195+/-316.844 χ^2/NDF : 9.5/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.195+/-316.844 χ^2/NDF : 9.5/12

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: 770.182 $\pm$ 0.301 χ^2 /NDF: 2506.3/7

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

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

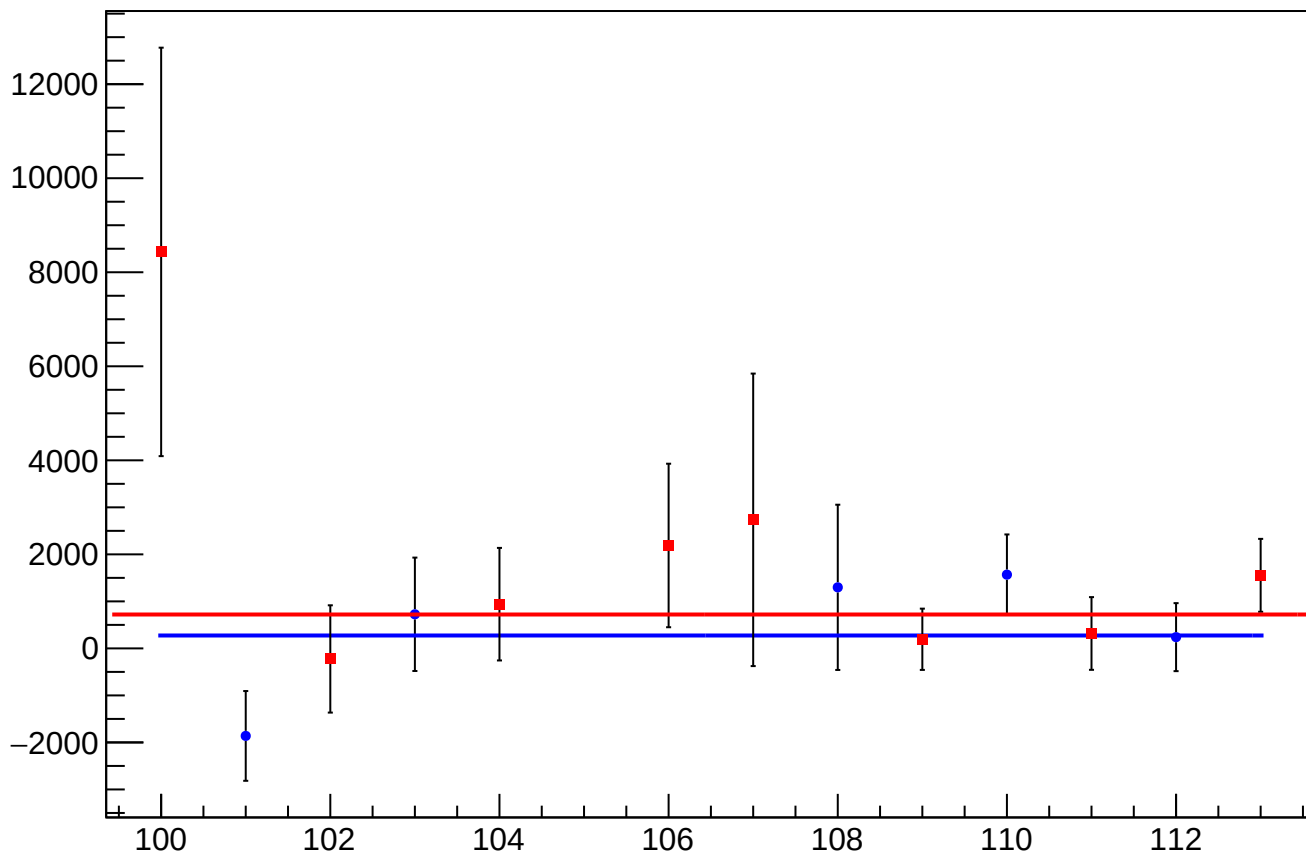
Right: 763.852 $\pm$ 0.224 χ^2 /NDF: 5588.3/12

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: 763.852 $\pm$ 0.224 χ^2 /NDF: 5588.3/12

asym_us_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 274.391 $\pm$ 430.785 χ^2/NDF : 7.8/4

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

Right Out: 720.769 $\pm$ 361.656 χ^2/NDF : 7.1/7

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

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

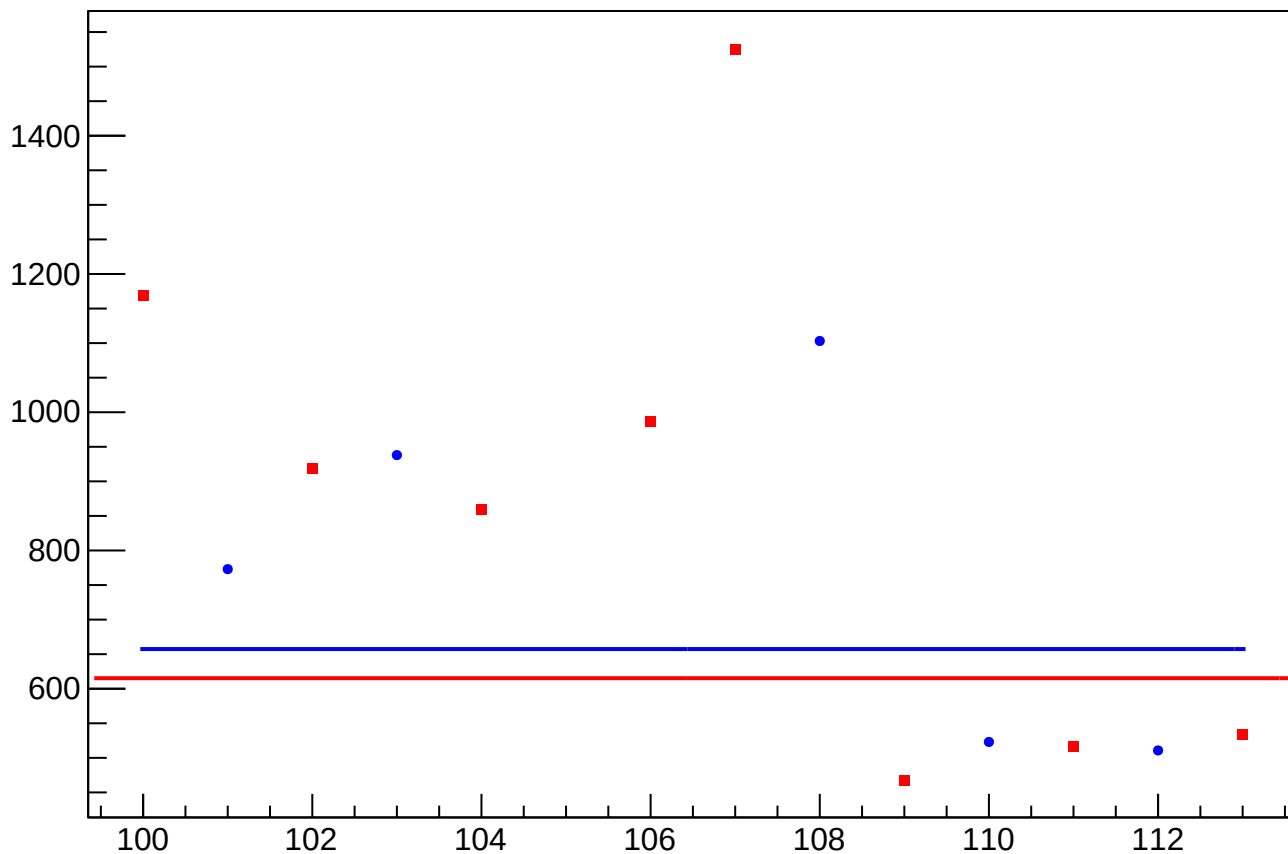
Right: 536.226 $\pm$ 276.986 χ^2/NDF : 15.5/12

In: 274.391 $\pm$ 430.785 χ^2/NDF : 7.8/4

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

All: 536.226 $\pm$ 276.986 χ^2/NDF : 15.5/12

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: 615.250+/-0.256 χ^2/NDF : 677807.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

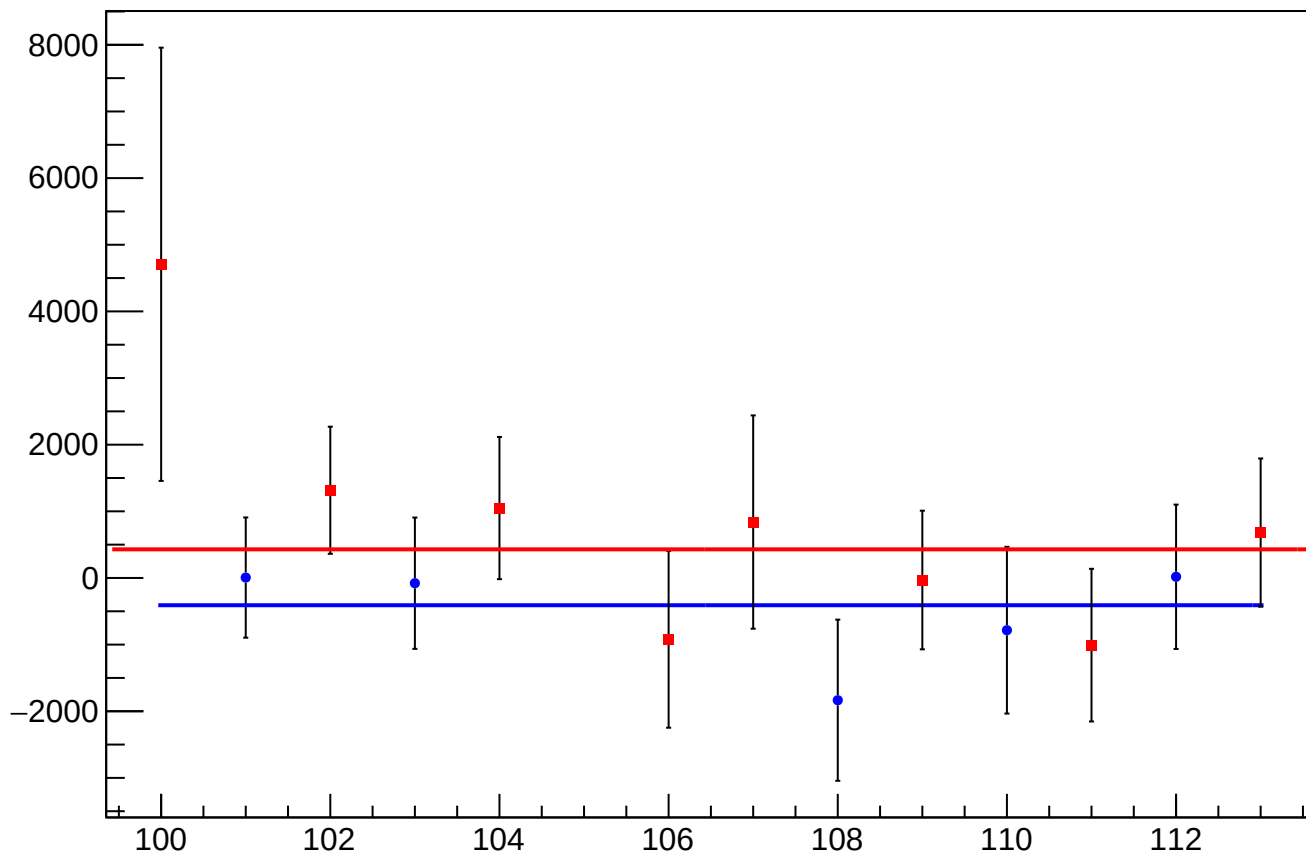
Right: 632.679+/-0.196 χ^2/NDF : 1087006.4/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 632.679+/-0.196 χ^2/NDF : 1087006.4/12

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: 429.467+/-425.372 χ^2/NDF : 5.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

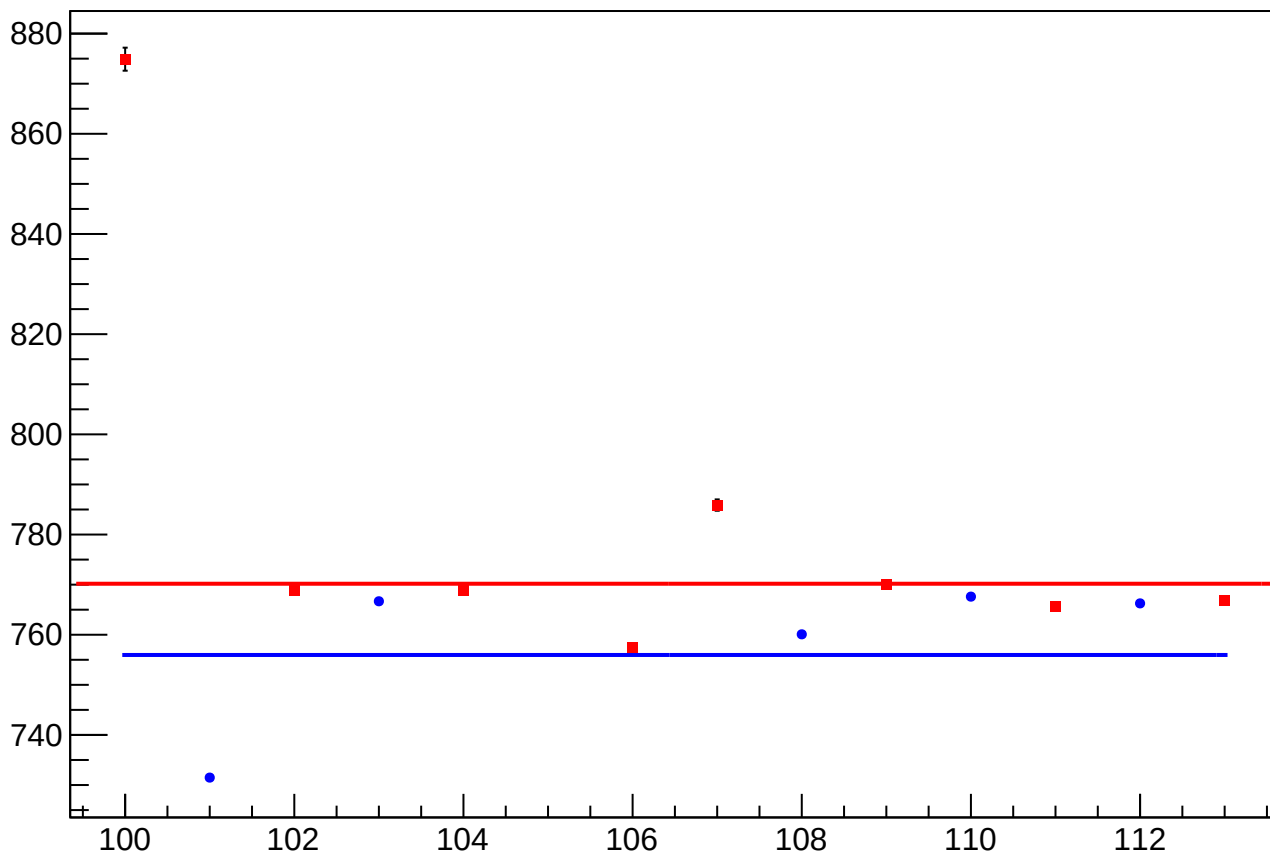
Right: 56.195+/-316.844 χ^2/NDF : 9.5/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.195+/-316.844 χ^2/NDF : 9.5/12

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: 770.182 $\pm$ 0.301 χ^2/NDF : 2506.3/7

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

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

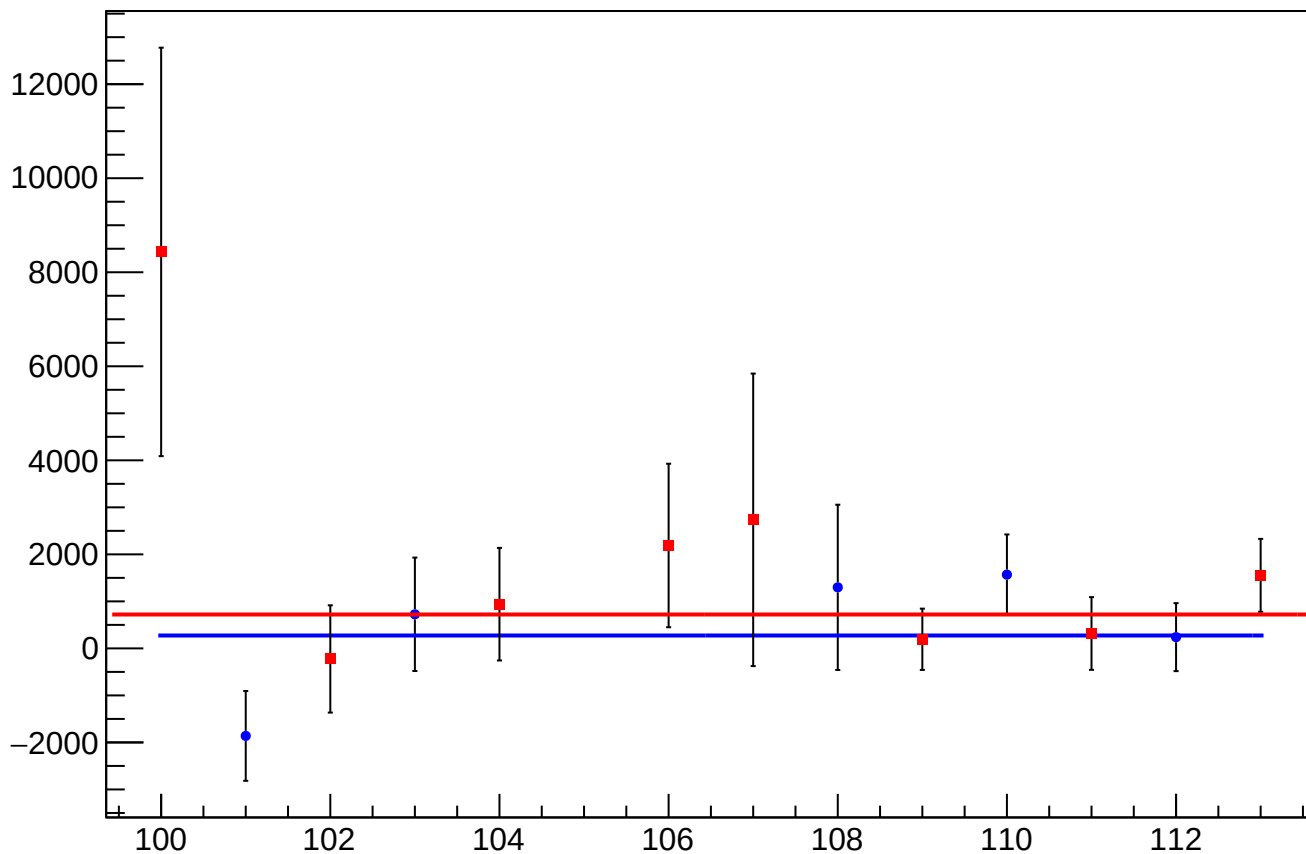
Right: 763.852 $\pm$ 0.224 χ^2/NDF : 5588.3/12

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: 763.852 $\pm$ 0.224 χ^2/NDF : 5588.3/12

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: 720.769+/-361.656 χ^2 /NDF: 7.1/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

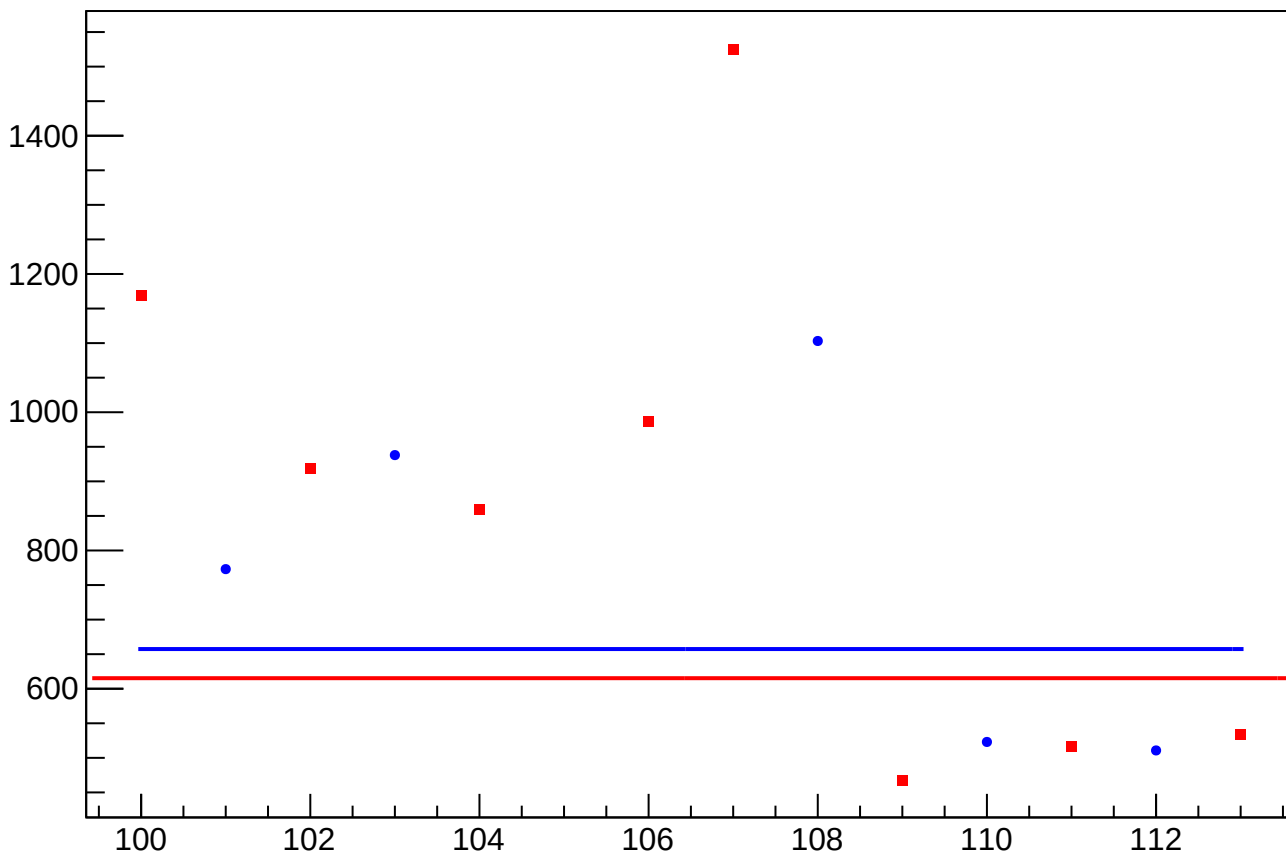
Right: 536.226+/-276.986 χ^2 /NDF: 15.5/12

In: 274.391+/-430.785 χ^2 /NDF:7.8/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 536.226+/-276.986 χ^2 /NDF: 15.5/12

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: 615.250+/-0.256 χ^2/NDF : 677807.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

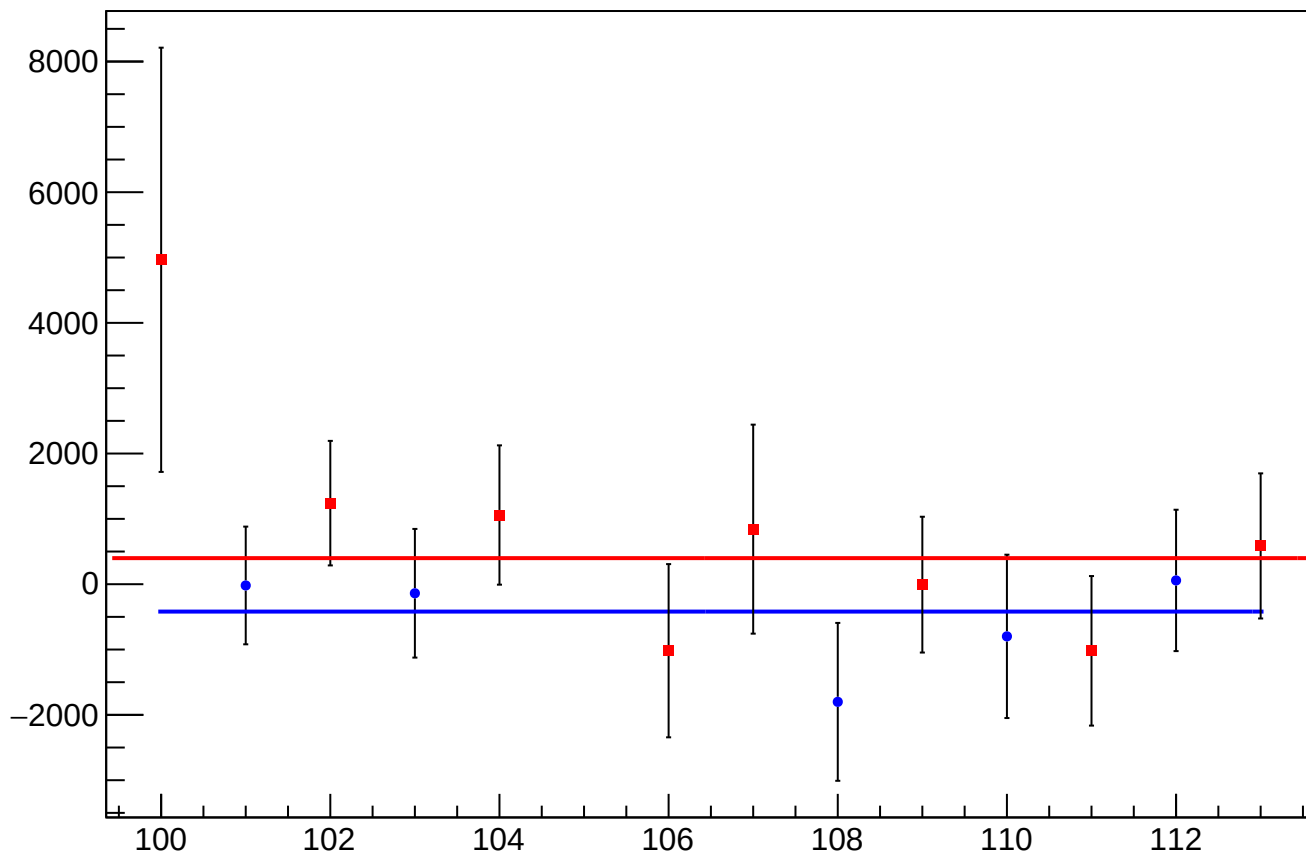
Right: 632.679+/-0.196 χ^2/NDF : 1087006.4/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 632.679+/-0.196 χ^2/NDF : 1087006.4/12

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: 399.003+/-425.036 χ^2/NDF : 6.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

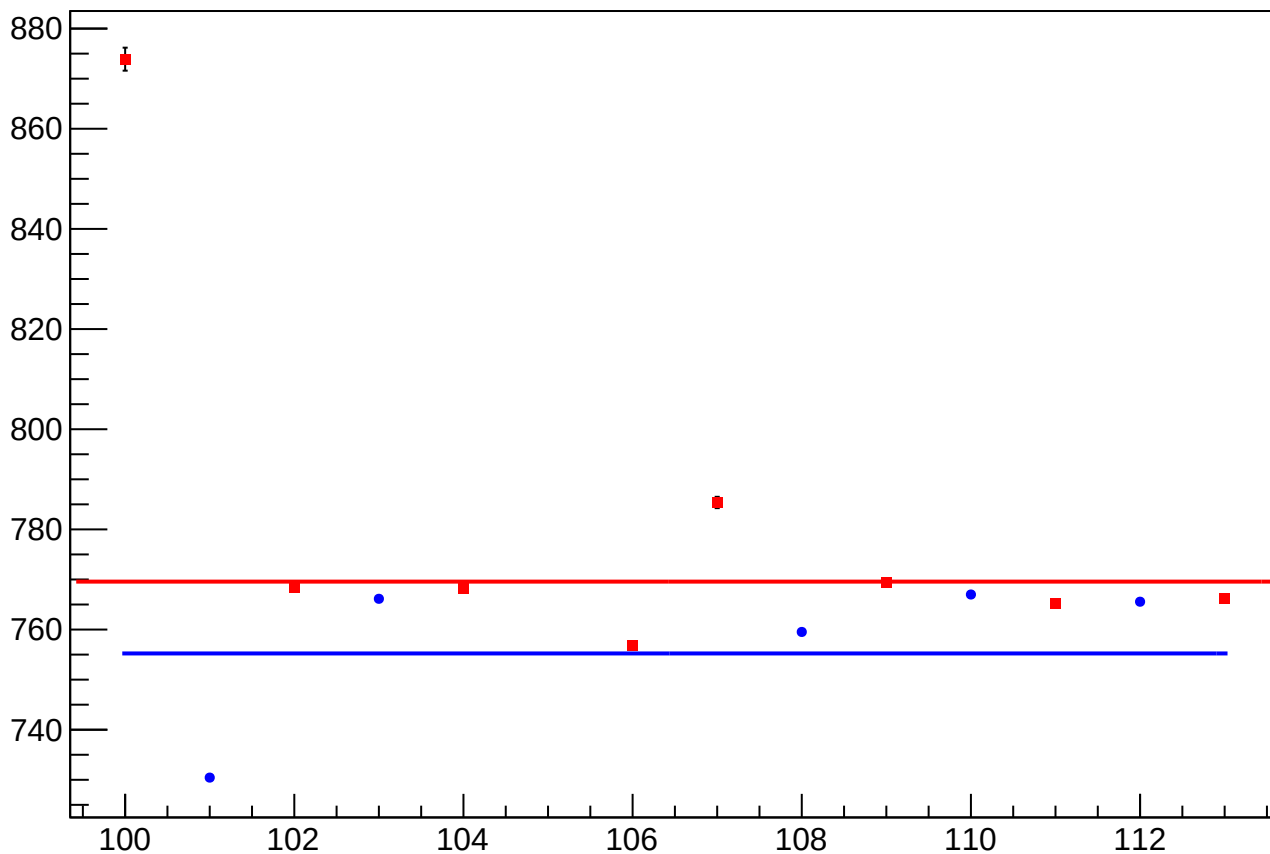
Right: 34.765+/-316.569 χ^2/NDF : 9.6/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.765+/-316.569 χ^2/NDF : 9.6/12

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: 769.574+/-0.301 χ^2/NDF : 2500.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

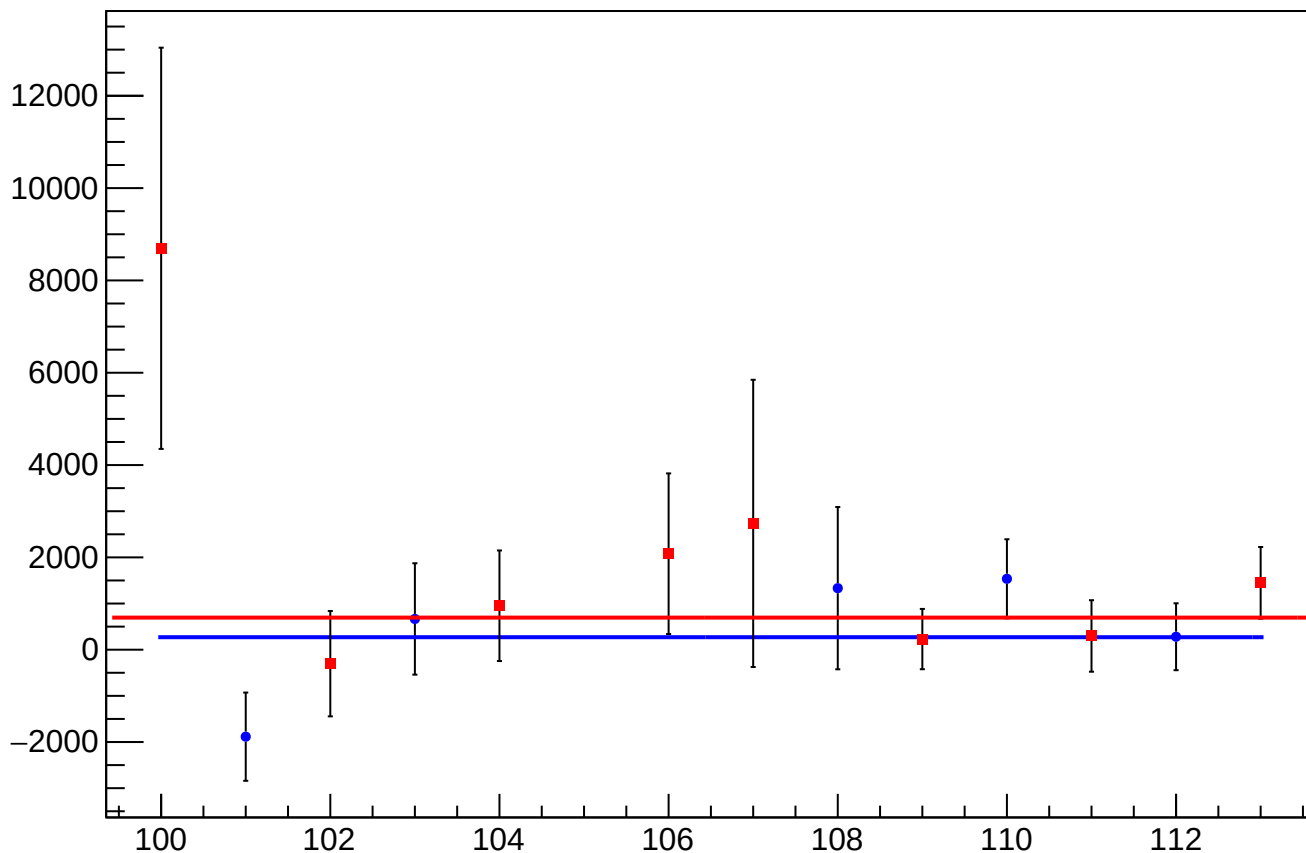
Right: 763.187+/-0.224 χ^2/NDF : 5659.8/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 763.187+/-0.224 χ^2/NDF : 5659.8/12

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: 695.243+/-362.241 χ^2/NDF : 7.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

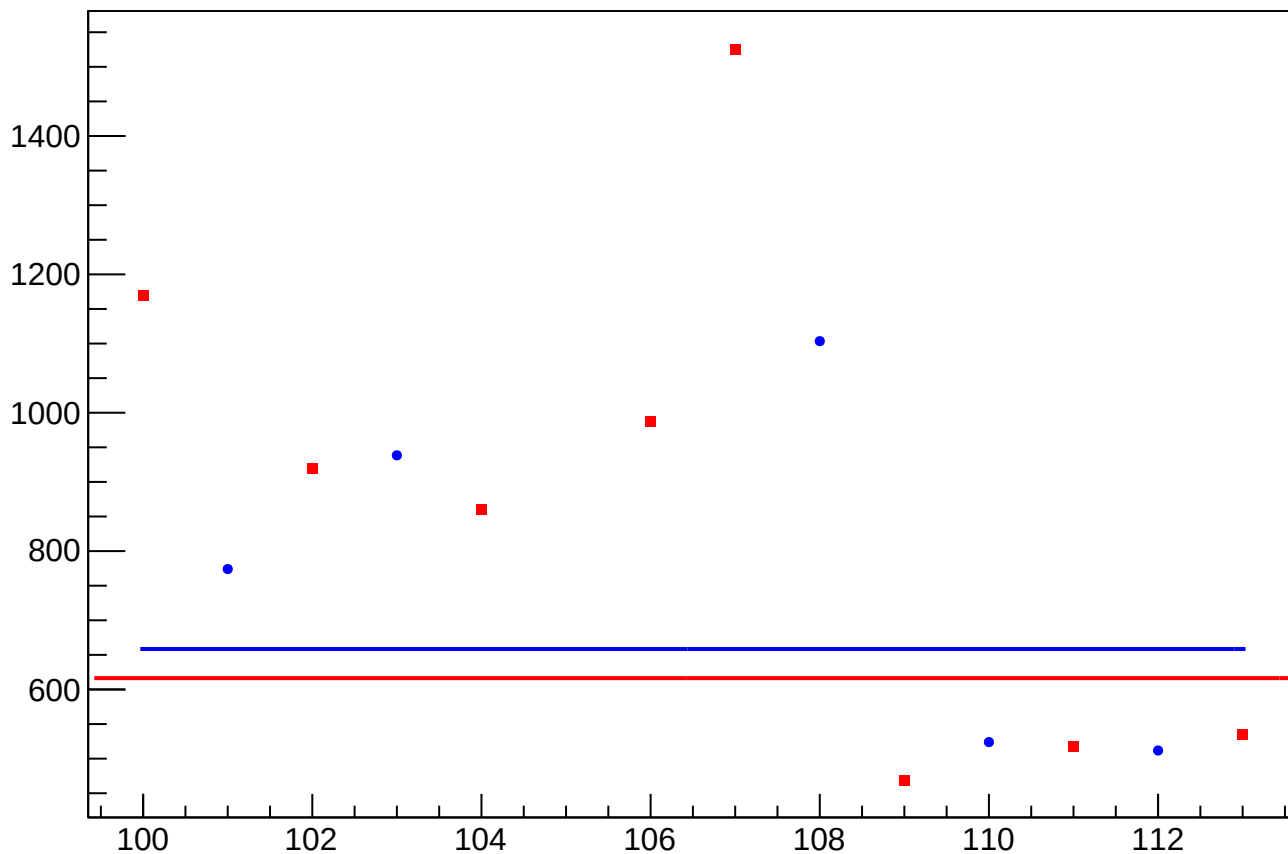
Right: 519.648+/-277.423 χ^2/NDF : 15.3/12

In: 270.557+/-431.439 χ^2/NDF : 7.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 519.648+/-277.423 χ^2/NDF : 15.3/12

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: 616.400+/-0.256 χ^2/NDF : 675262.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

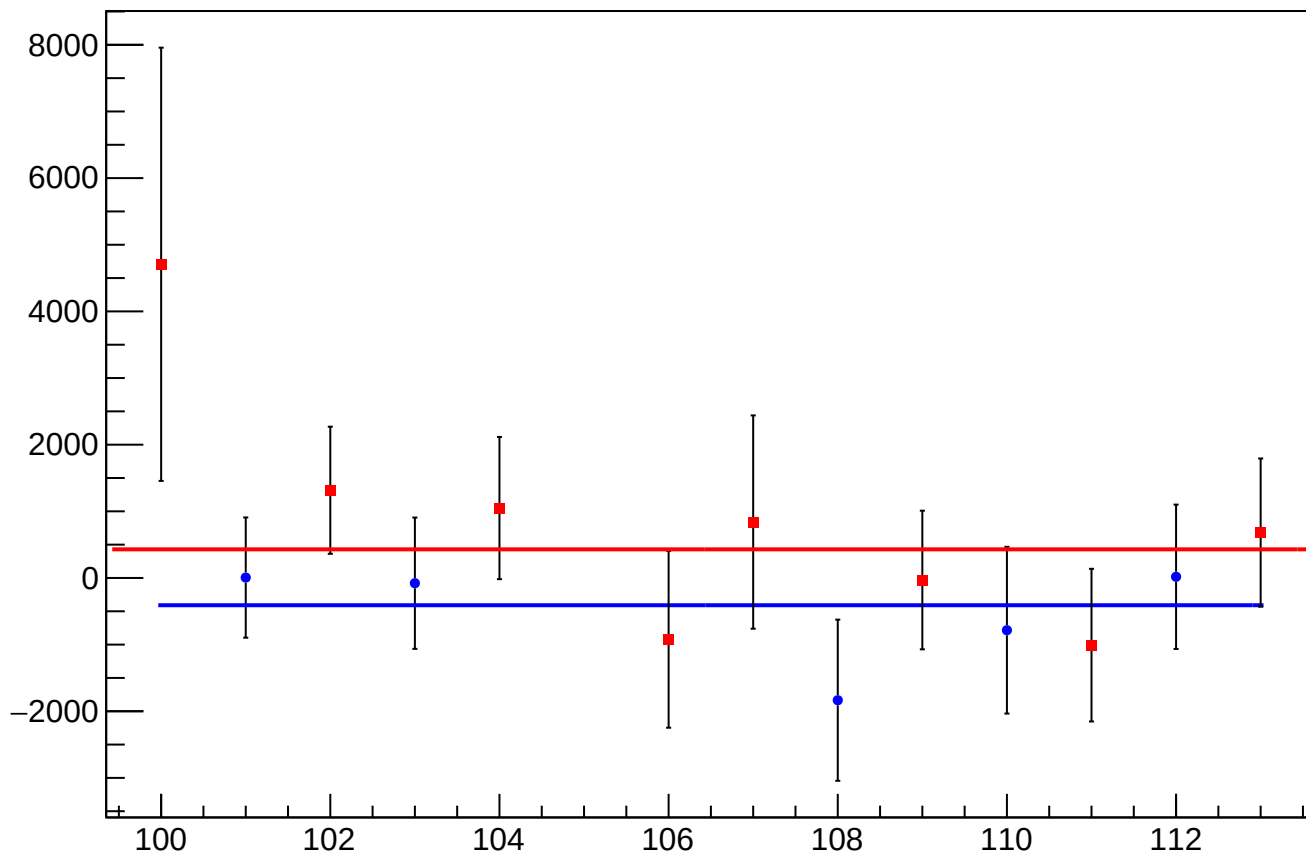
Right: 633.816+/-0.196 χ^2/NDF : 1082844.3/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 633.816+/-0.196 χ^2/NDF : 1082844.3/12

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: 429.467+/-425.372 χ^2/NDF : 5.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

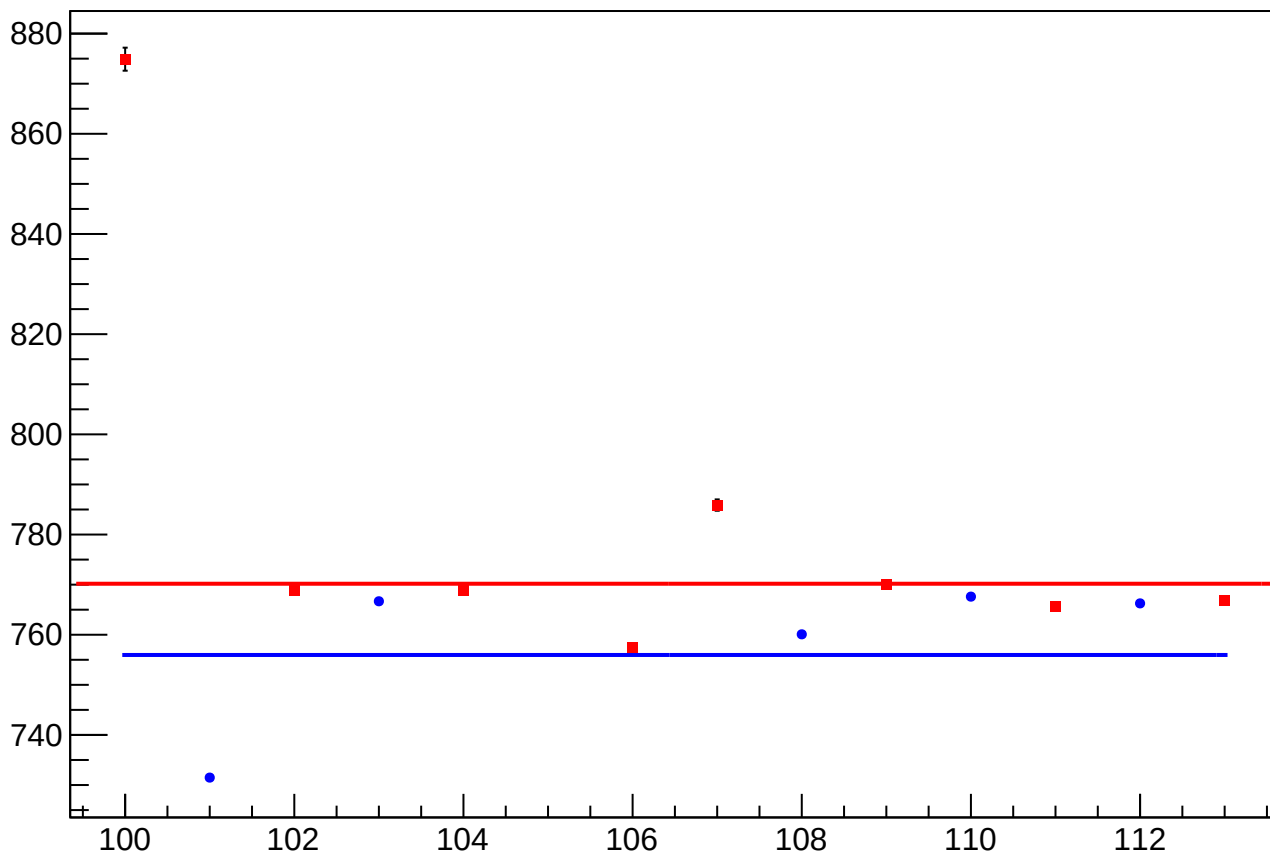
Right: 56.195+/-316.844 χ^2/NDF : 9.5/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.195+/-316.844 χ^2/NDF : 9.5/12

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: 770.182 $\pm$ 0.301 χ^2 /NDF: 2506.3/7

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

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

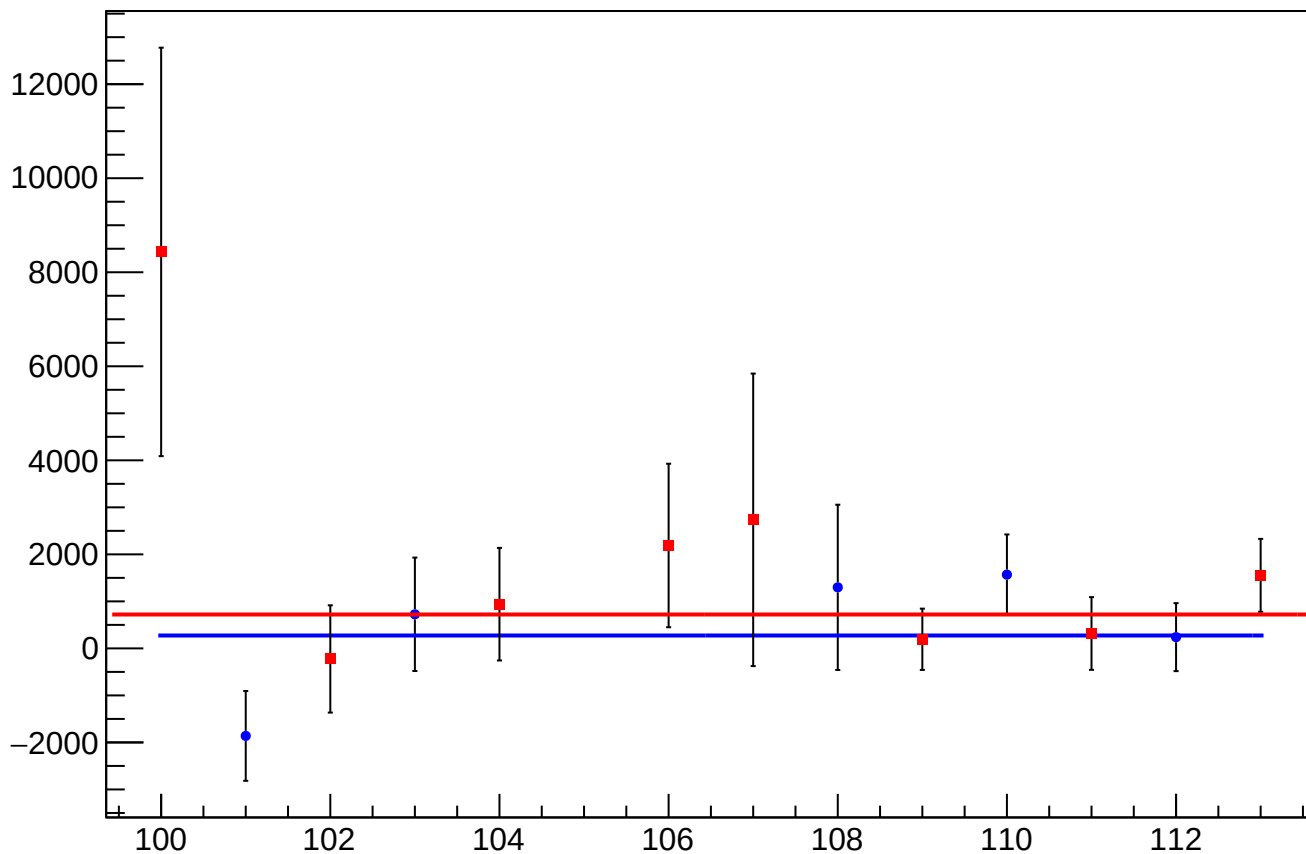
Right: 763.852 $\pm$ 0.224 χ^2 /NDF: 5588.3/12

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: 763.852 $\pm$ 0.224 χ^2 /NDF: 5588.3/12

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: 720.769+/-361.656 χ^2/NDF : 7.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

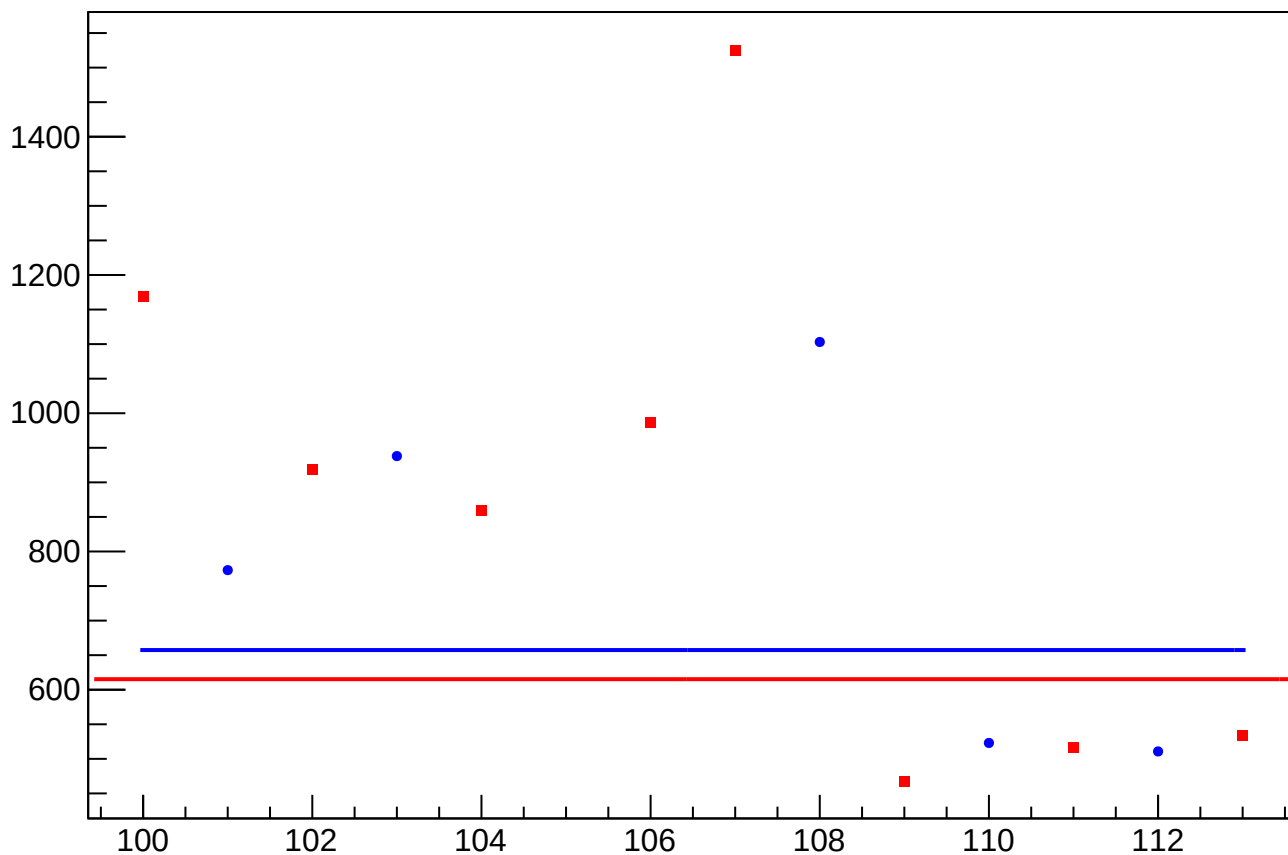
Right: 536.226+/-276.986 χ^2/NDF : 15.5/12

In: 274.391+/-430.785 χ^2/NDF : 7.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 536.226+/-276.986 χ^2/NDF : 15.5/12

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: 615.250+/-0.256 χ^2/NDF : 677807.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

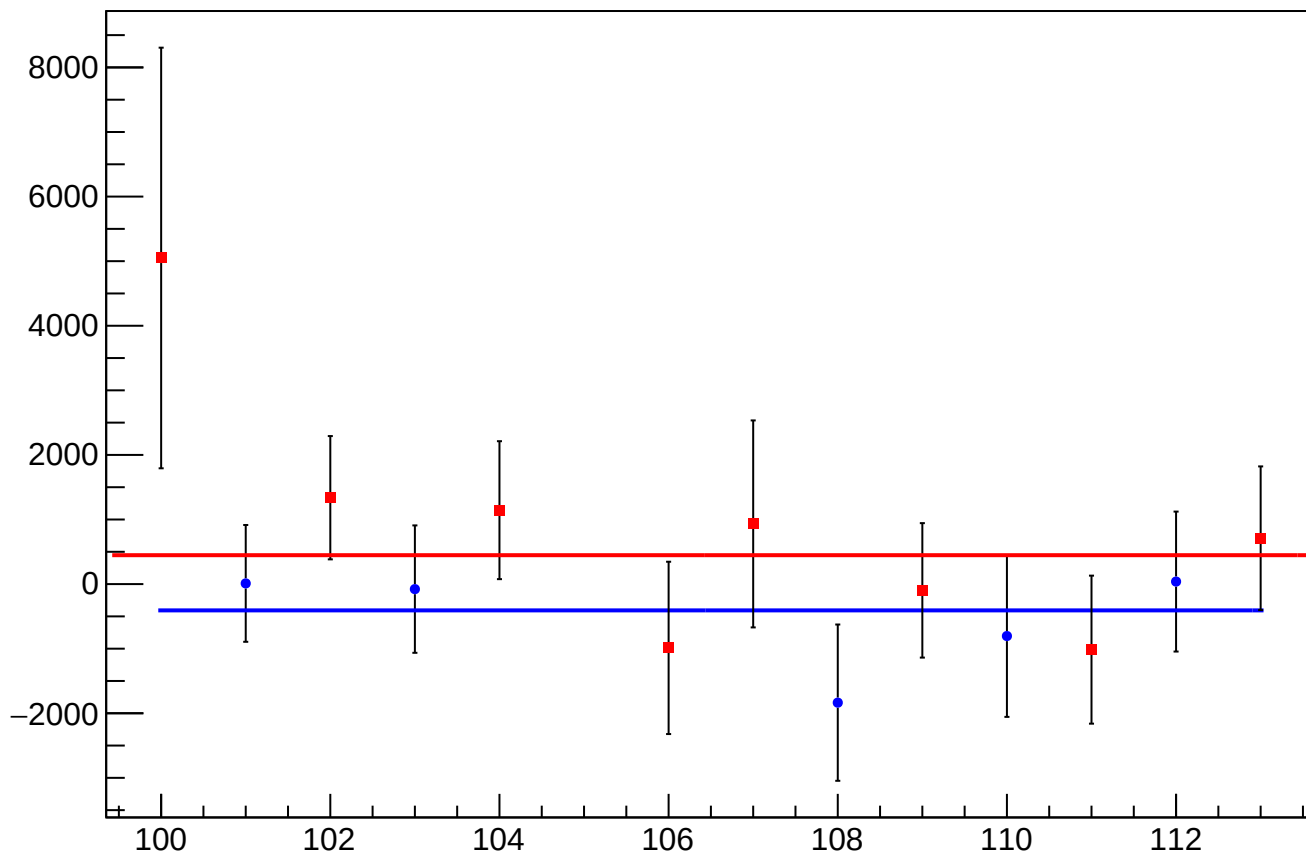
Right: 632.679+/-0.196 χ^2/NDF : 1087006.4/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 632.679+/-0.196 χ^2/NDF : 1087006.4/12

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: 447.500+/-425.904 χ^2/NDF : 6.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

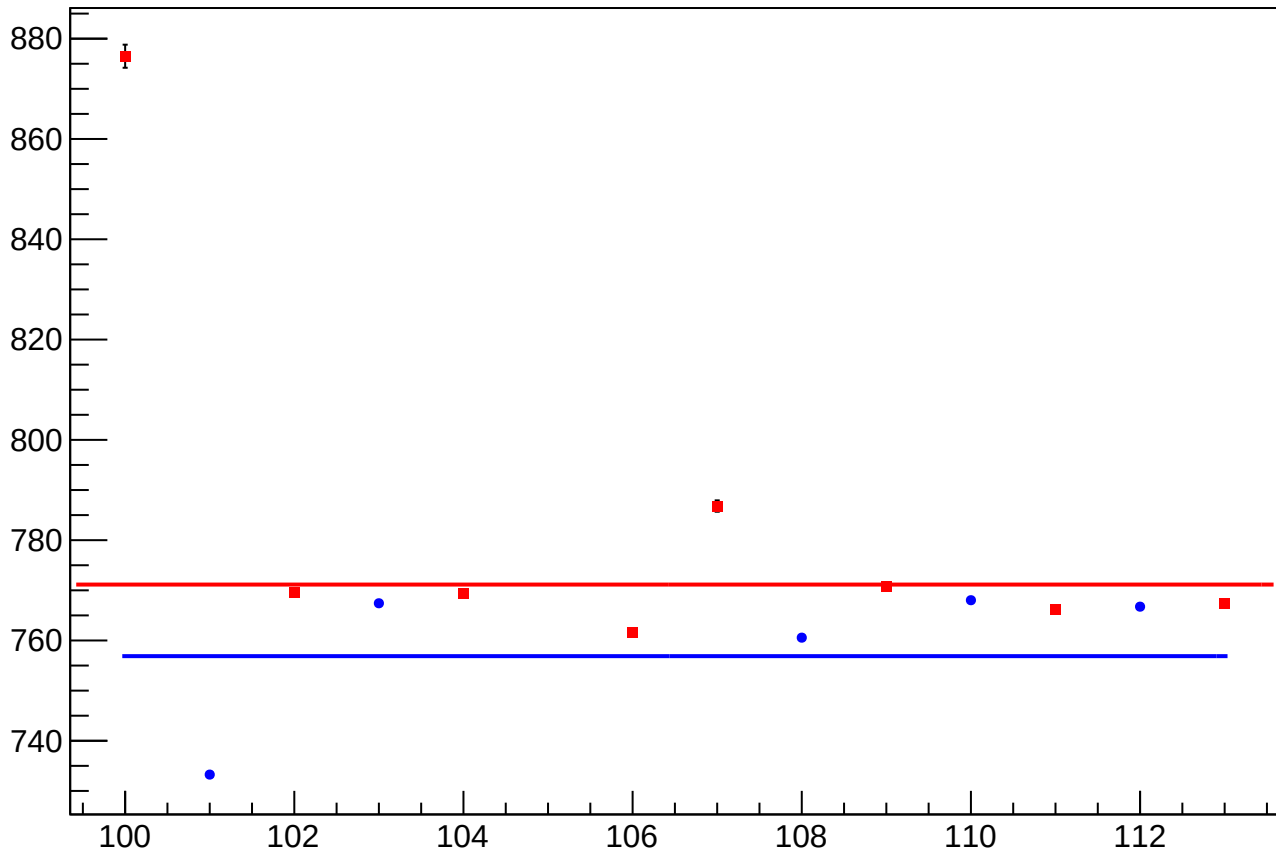
Right: 67.025+/-317.233 χ^2/NDF : 10.3/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.025+/-317.233 χ^2/NDF : 10.3/12

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: 771.149 ± 0.301 χ^2/NDF : 2460.5/7

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

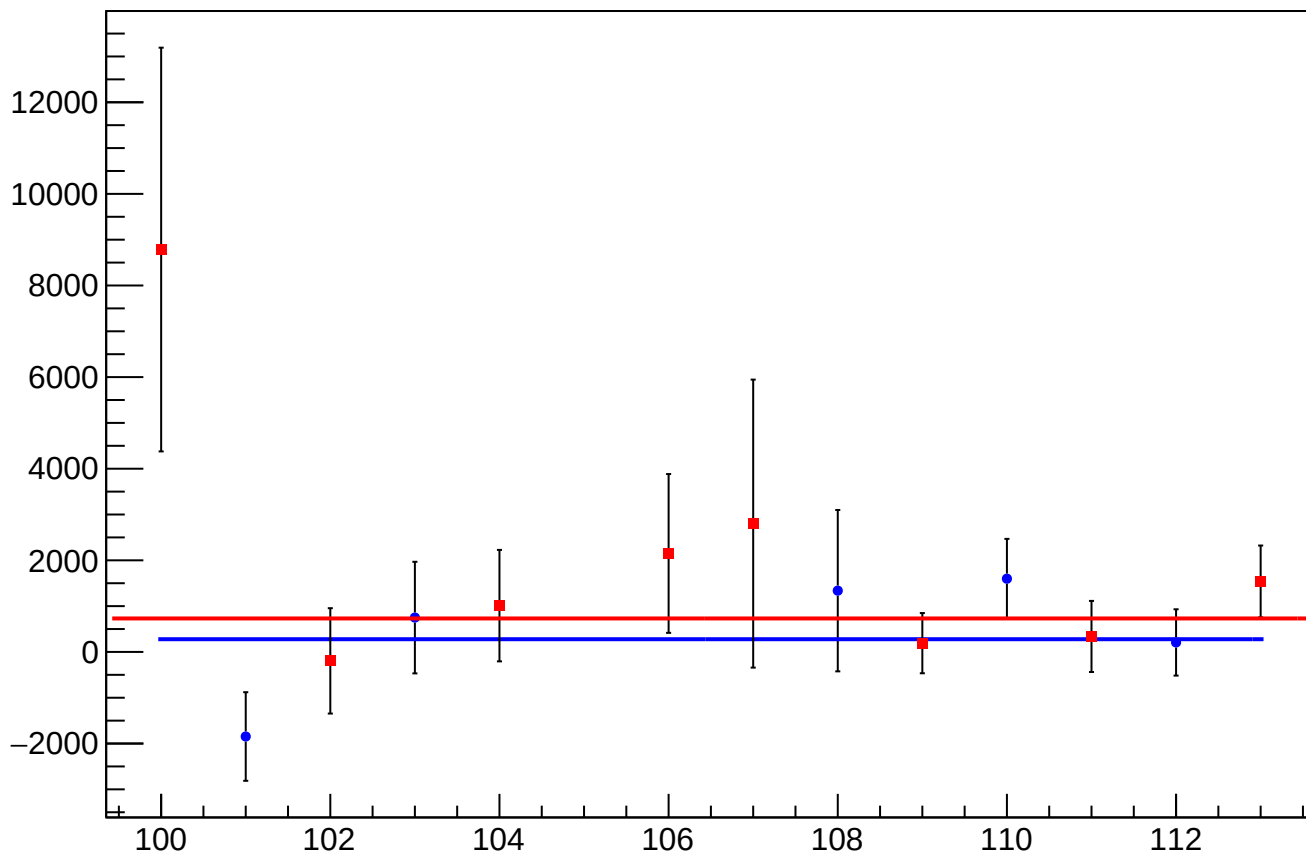
Right: 764.795 ± 0.224 χ^2/NDF : 5396.6/12

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

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 764.795 ± 0.224 χ^2/NDF : 5396.6/12

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: 730.732+/-364.704 χ^2/NDF : 7.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

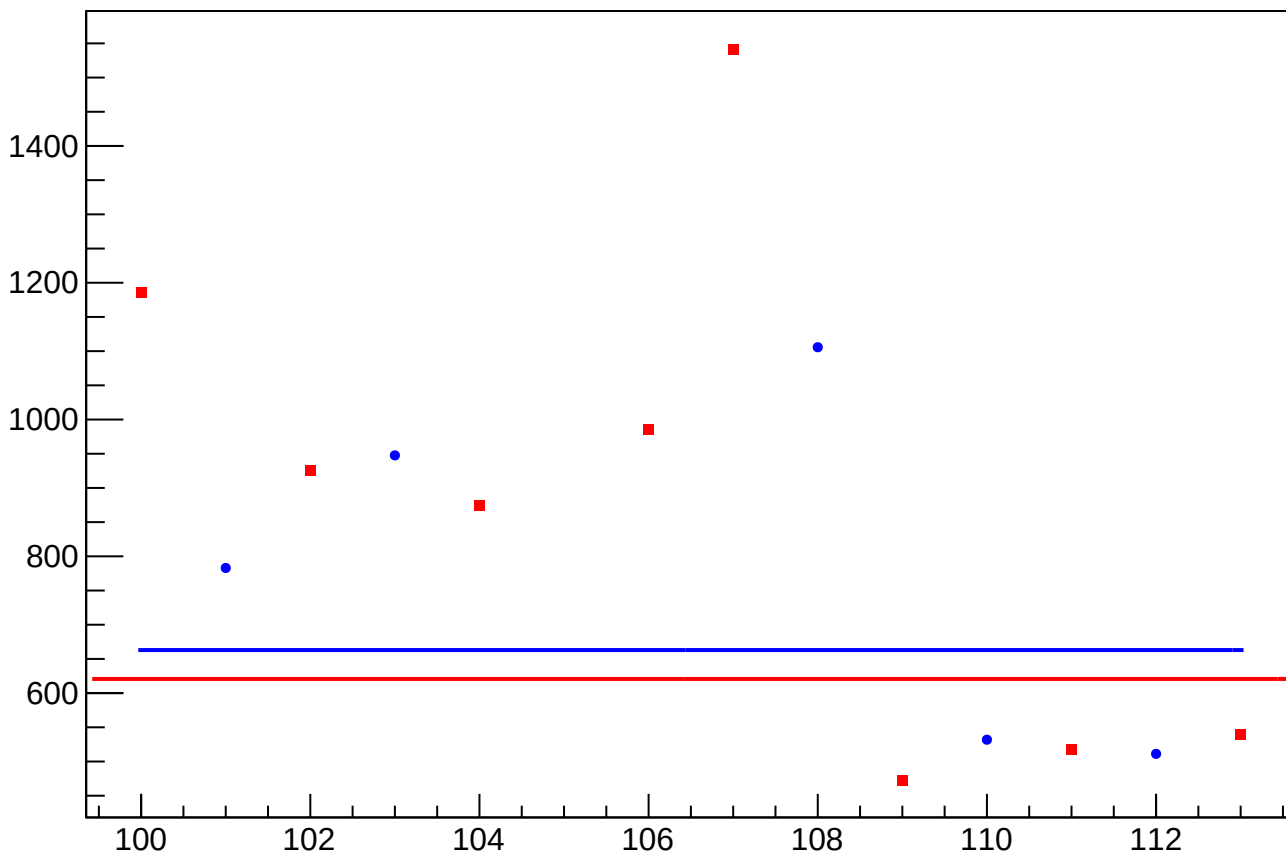
Right: 543.524+/-279.350 χ^2/NDF : 15.4/12

In: 277.773+/-434.527 χ^2/NDF : 7.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 543.524+/-279.350 χ^2/NDF : 15.4/12

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: 620.725+/-0.258 χ^2/NDF : 678978.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

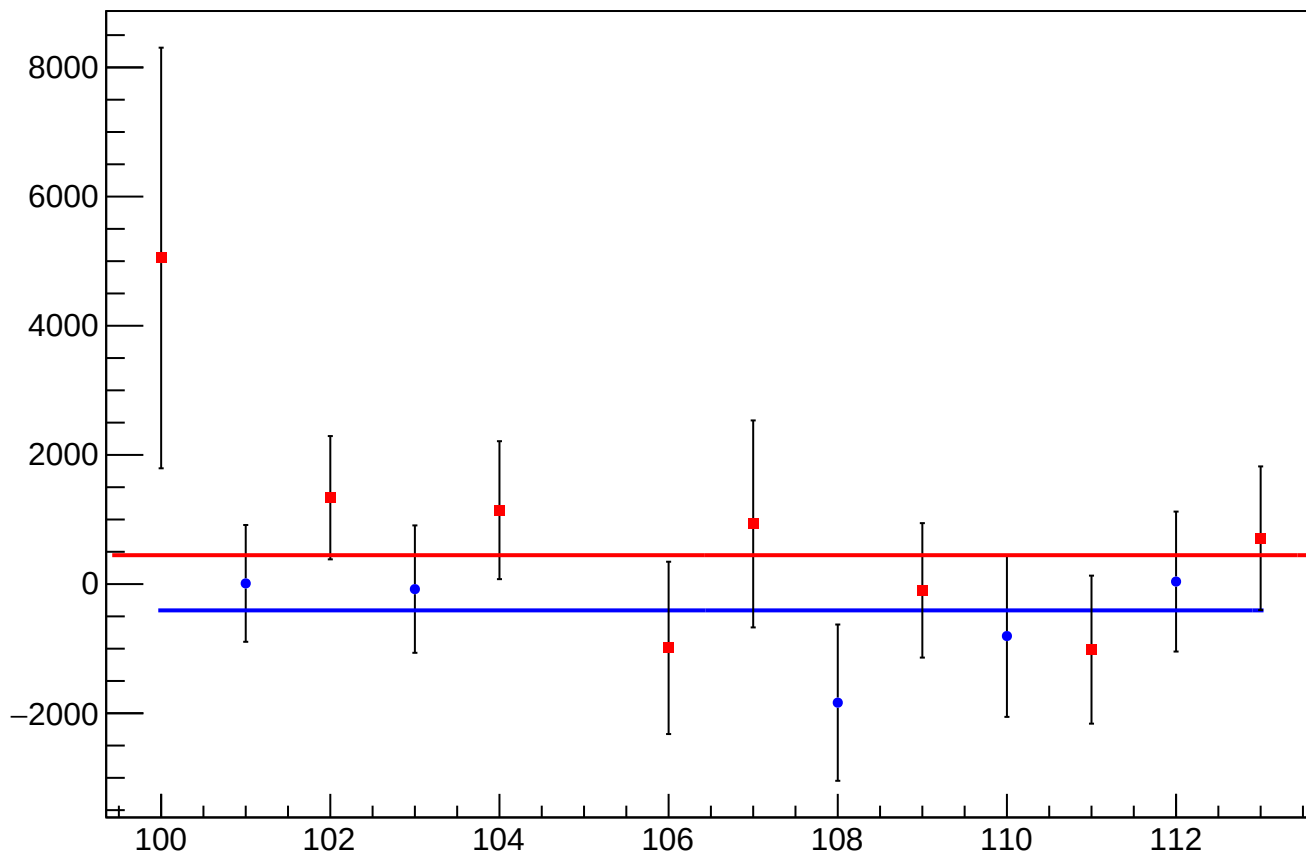
Right: 638.176+/-0.198 χ^2/NDF : 1089771.6/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 638.176+/-0.198 χ^2/NDF : 1089771.6/12

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: 447.497 ± 425.904 χ^2/NDF : 6.5/7

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

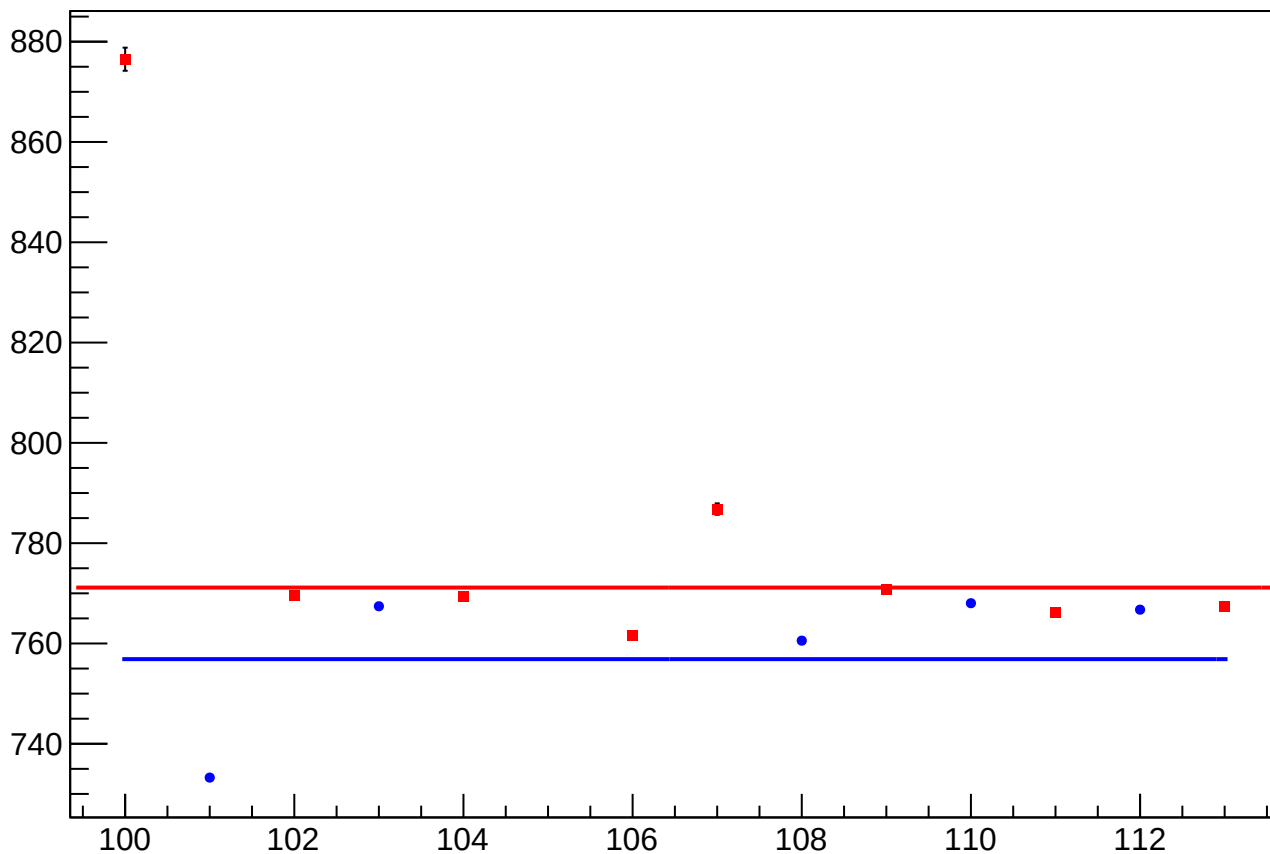
Right: 67.023 ± 317.233 χ^2/NDF : 10.3/12

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

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 67.023 ± 317.233 χ^2/NDF : 10.3/12

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: 771.149+/-0.301 χ^2/NDF : 2460.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

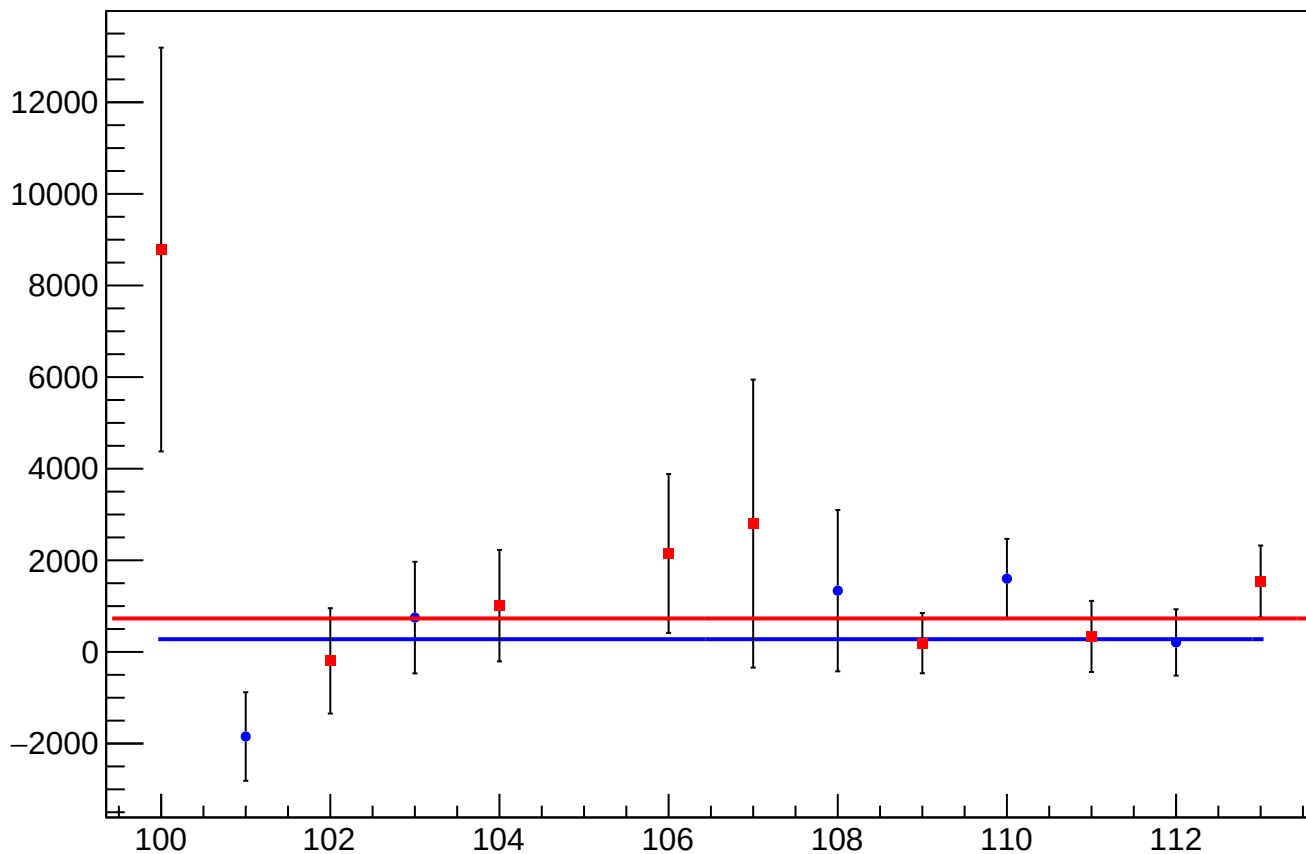
Right: 764.795+/-0.224 χ^2/NDF : 5396.6/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 764.795+/-0.224 χ^2/NDF : 5396.6/12

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: 730.729+/-364.702 χ^2/NDF : 7.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

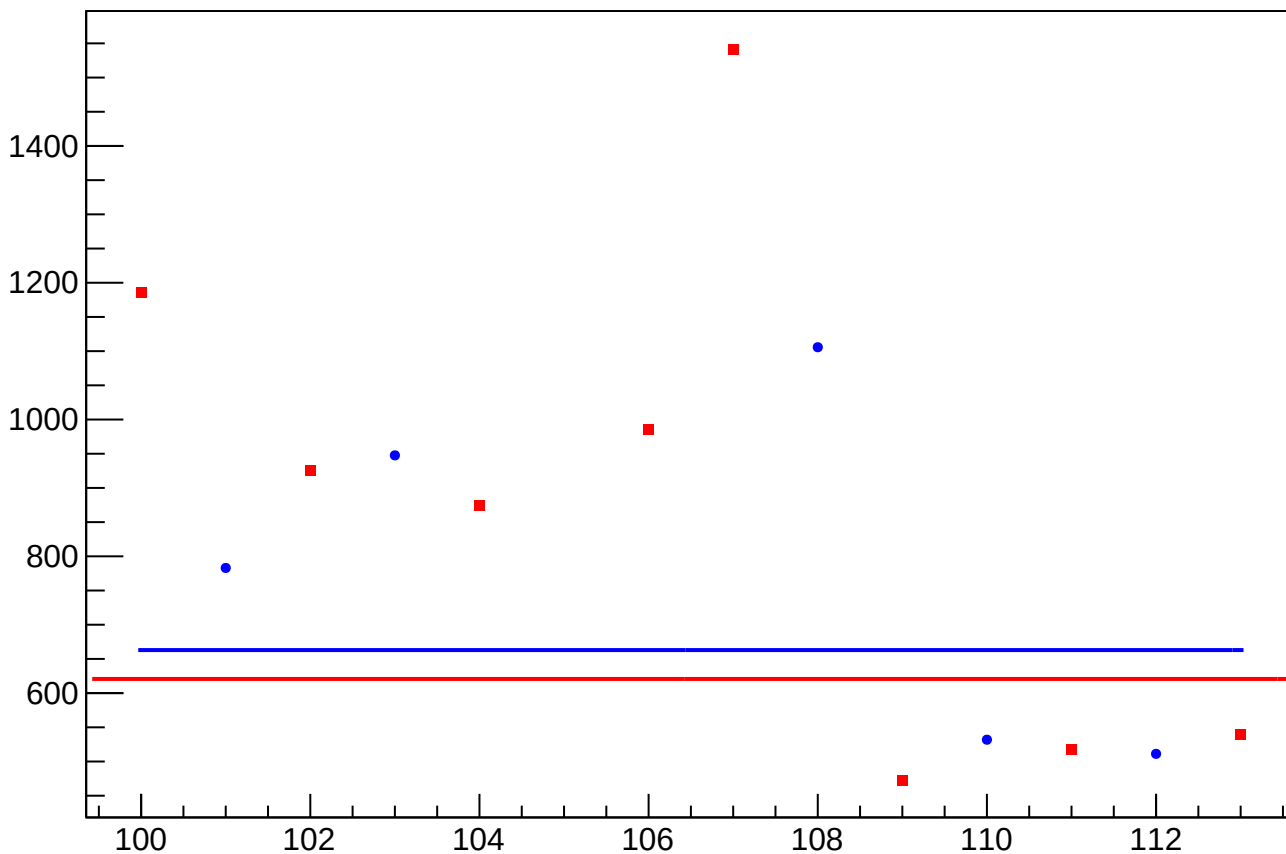
Right: 543.523+/-279.349 χ^2/NDF : 15.4/12

In: 277.773+/-434.524 χ^2/NDF : 7.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 543.523+/-279.349 χ^2/NDF : 15.4/12

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: 620.721+/-0.258 χ^2/NDF : 678994.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

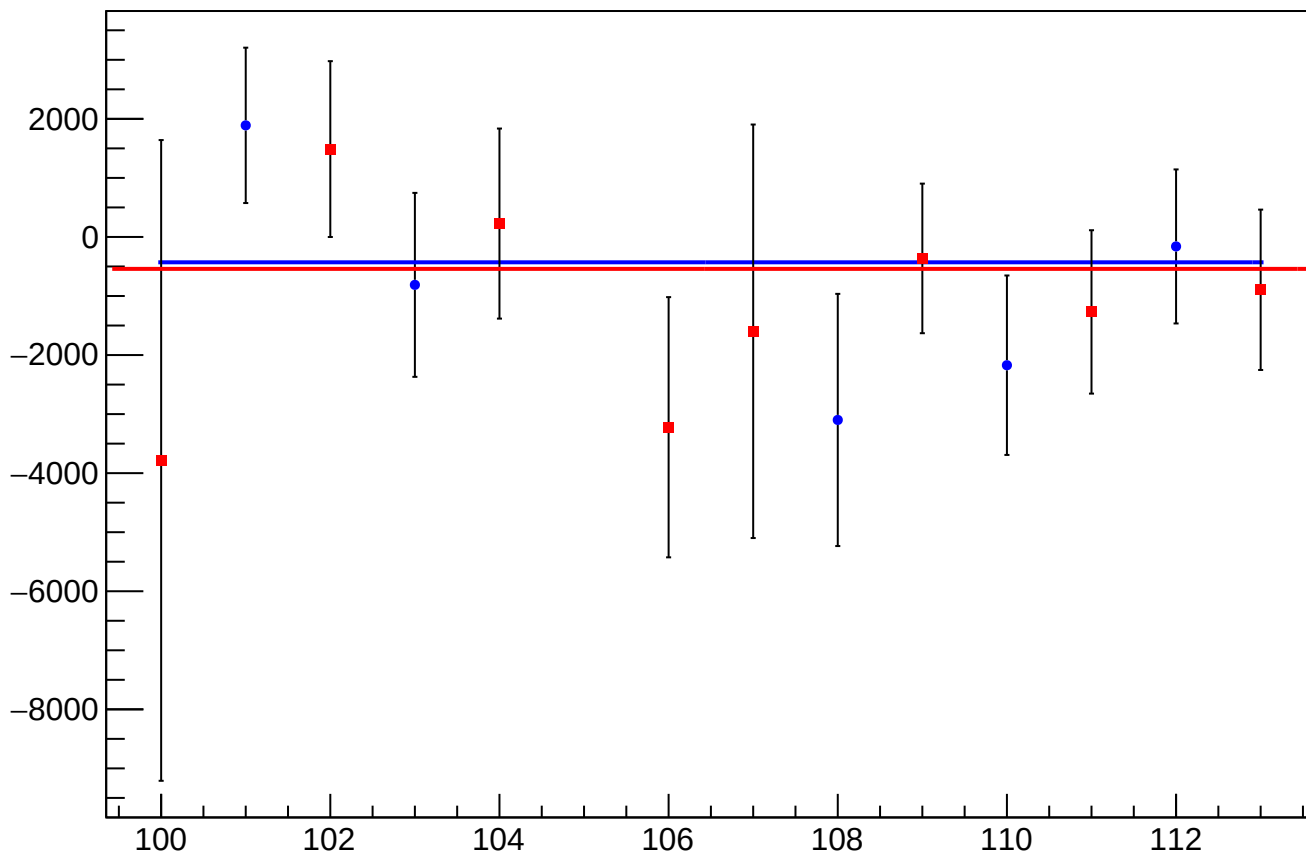
Right: 638.172+/-0.198 χ^2/NDF : 1089800.9/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 638.172+/-0.198 χ^2/NDF : 1089800.9/12

asym_us_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: -540.630+/-592.678 χ^2/NDF : 4.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

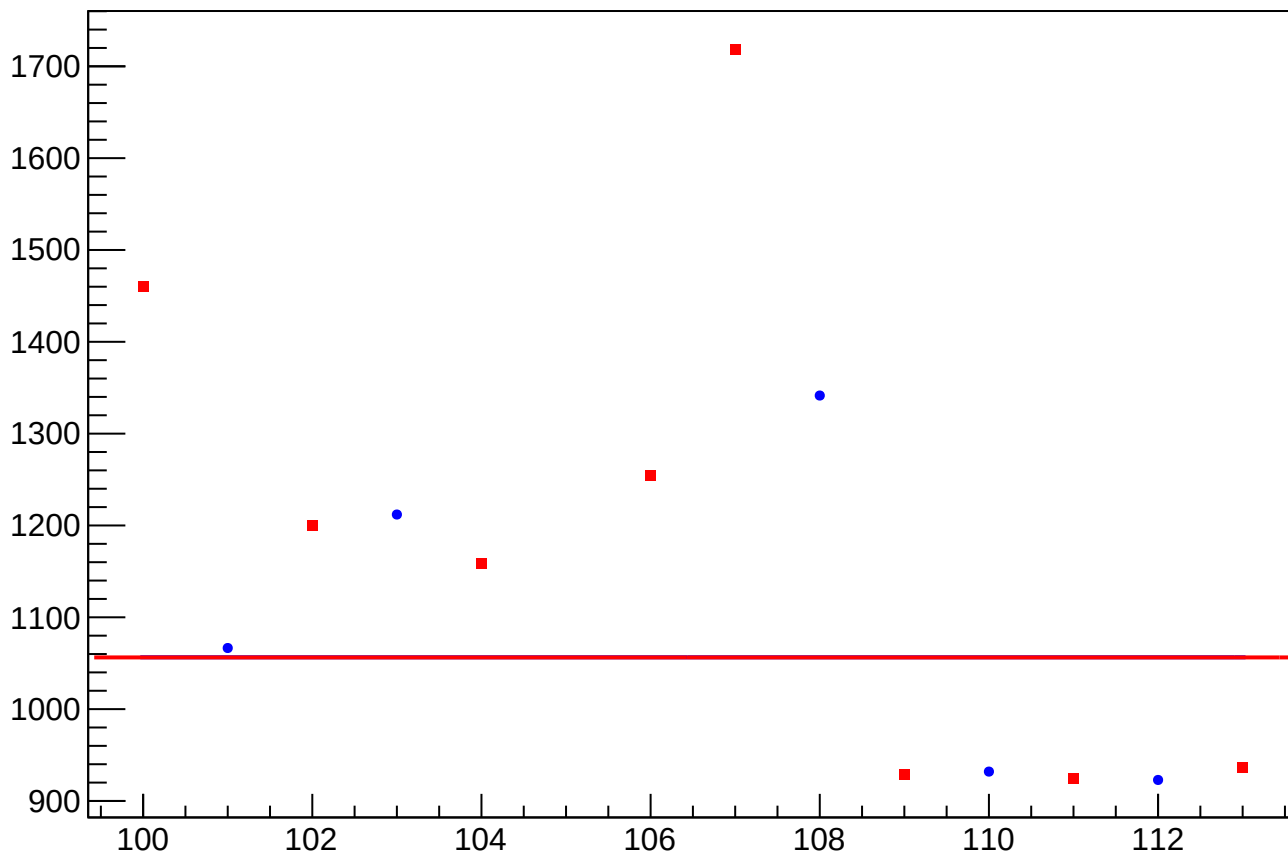
Right: -491.708+/-443.817 χ^2/NDF : 10.5/12

In: -429.254+/-669.650 χ^2/NDF : 6.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -491.708+/-443.817 χ^2/NDF : 10.5/12

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: 1056.305+/-0.419 χ^2/NDF : 179149.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

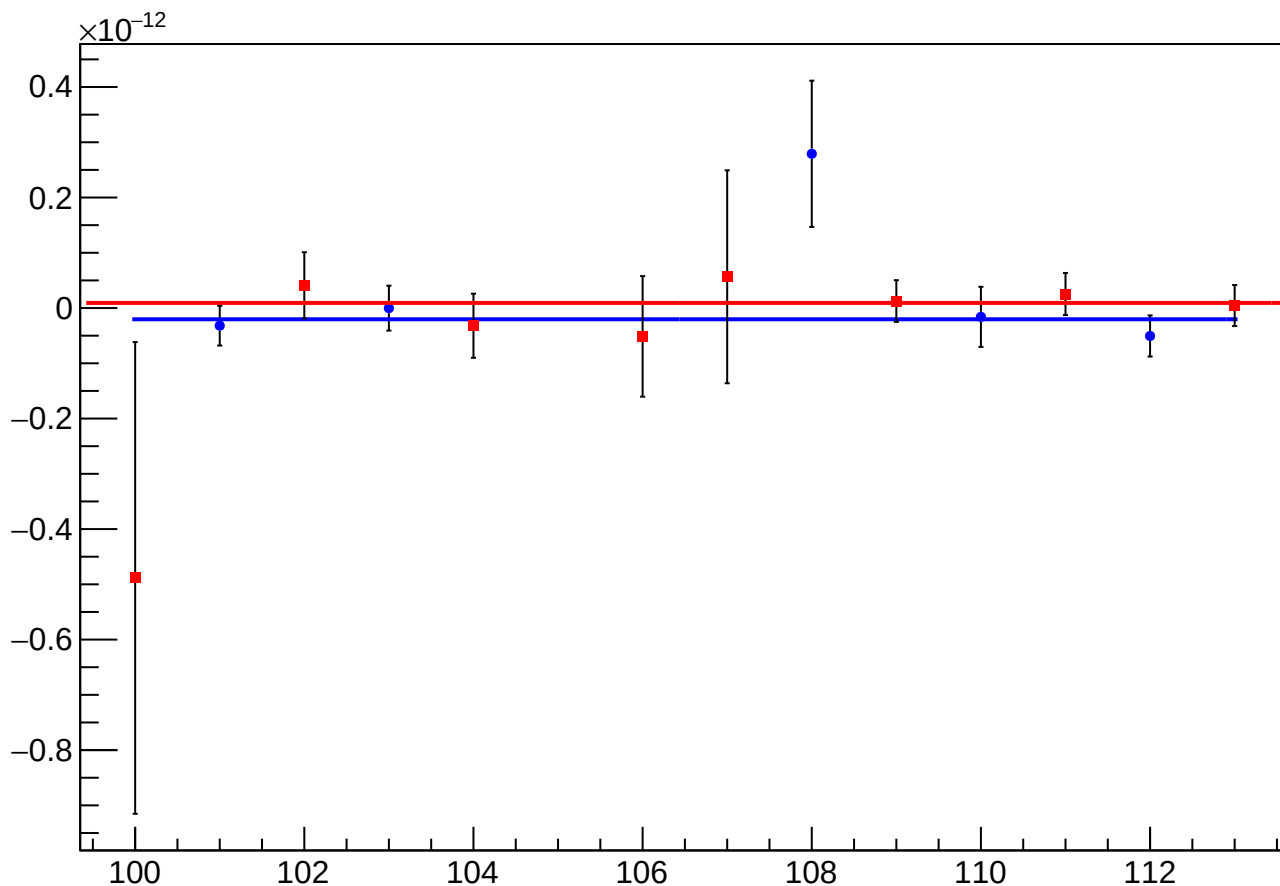
Right: 1056.369+/-0.314 χ^2/NDF : 269221.6/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1056.369+/-0.314 χ^2/NDF : 269221.6/12

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 : 2.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

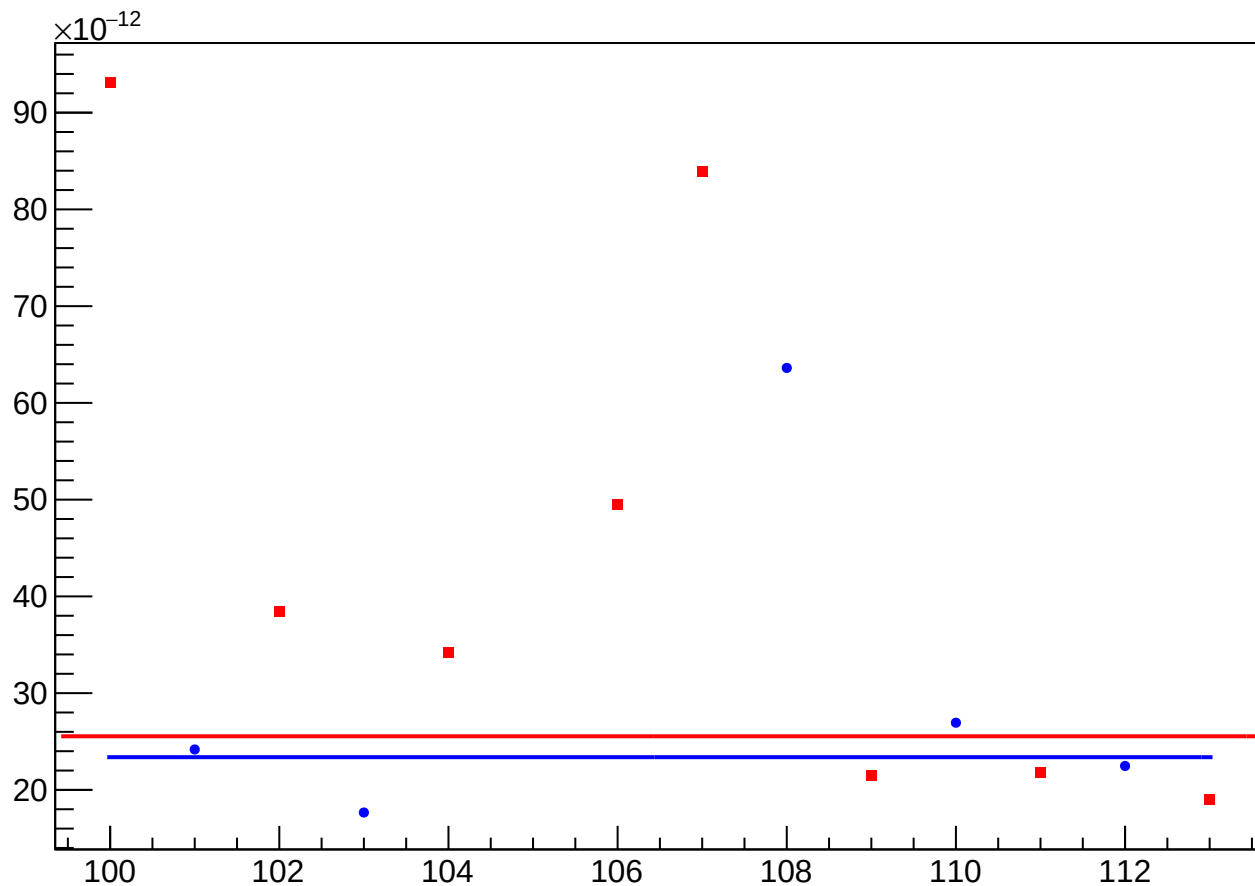
Right: -0.000+/-0.000 χ^2/NDF : 10.0/12

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 : 10.0/12

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 : 569625.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

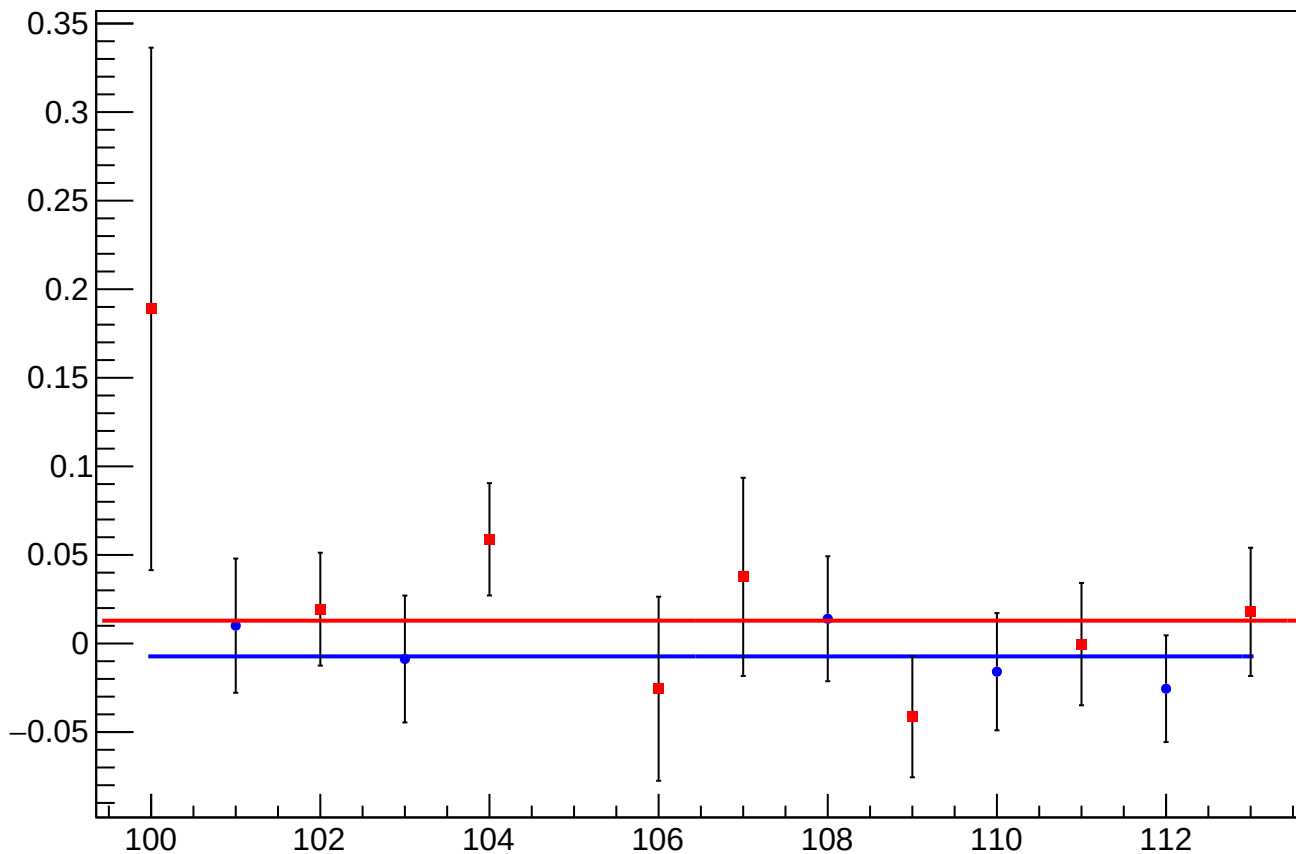
Right: 0.000+/-0.000 χ^2/NDF : 817171.4/12

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 : 817171.4/12

asym_us_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.015 χ^2/NDF : 1.0/4

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

Right Out: 0.013 ± 0.014 χ^2/NDF : 7.0/7

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

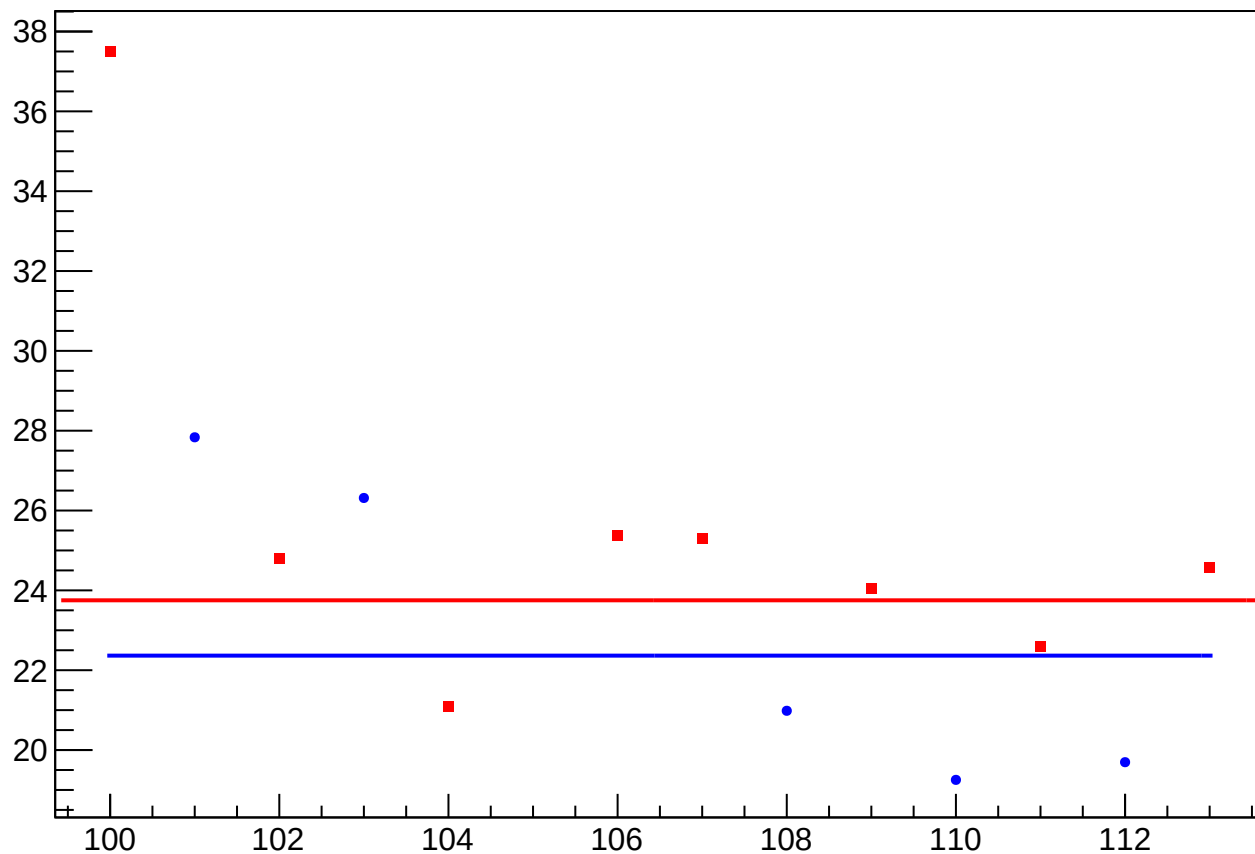
Right: 0.004 ± 0.010 χ^2/NDF : 9.0/12

In: -0.007 ± 0.015 χ^2/NDF : 1.0/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.004 ± 0.010 χ^2/NDF : 9.0/12

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: 23.751+/-0.010 χ^2/NDF : 40654.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

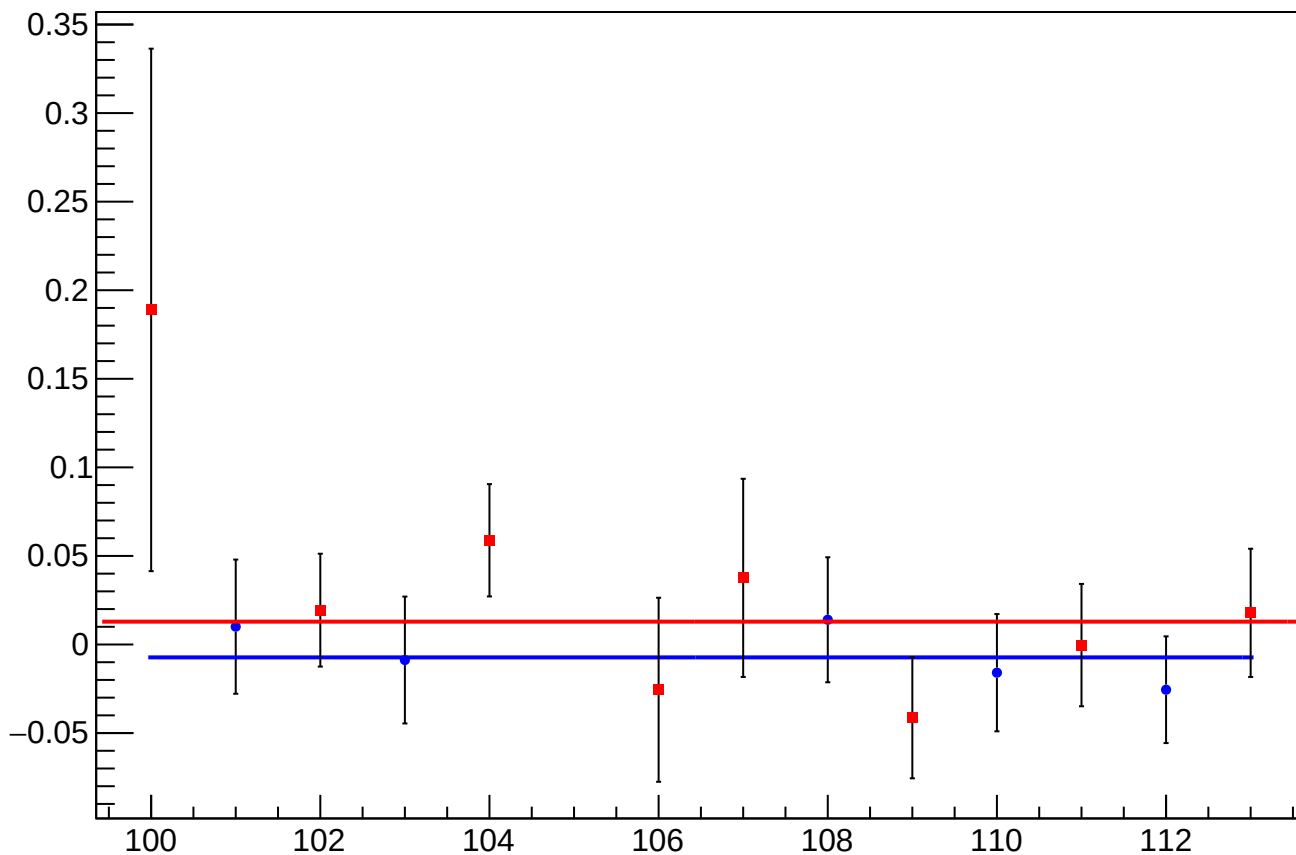
Right: 23.122+/-0.007 χ^2/NDF : 152164.4/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.122+/-0.007 χ^2/NDF : 152164.4/12

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: 0.013 $\pm$ 0.014 χ^2 /NDF: 7.0/7

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

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

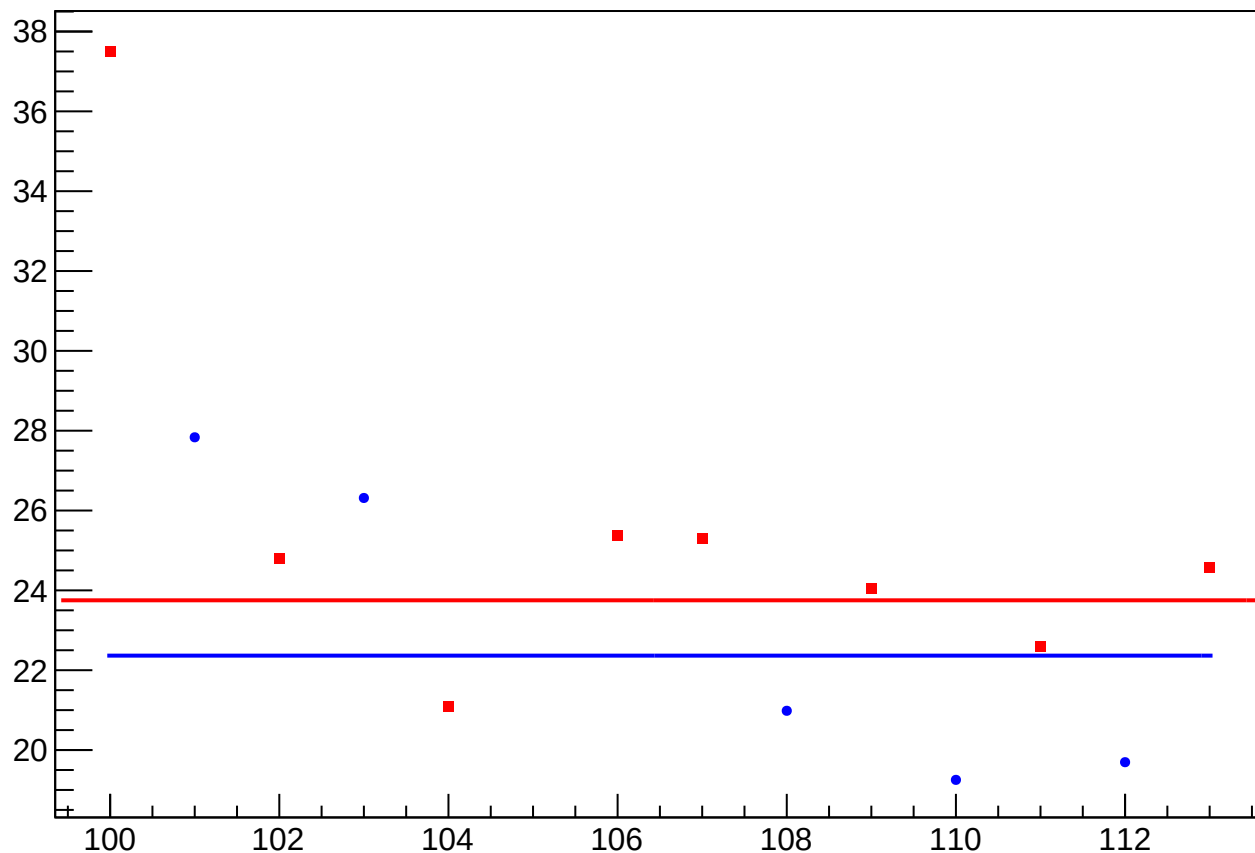
Right: 0.004 $\pm$ 0.010 χ^2 /NDF: 9.0/12

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: 0.004 $\pm$ 0.010 χ^2 /NDF: 9.0/12

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: 23.751+/-0.010 χ^2/NDF : 40654.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

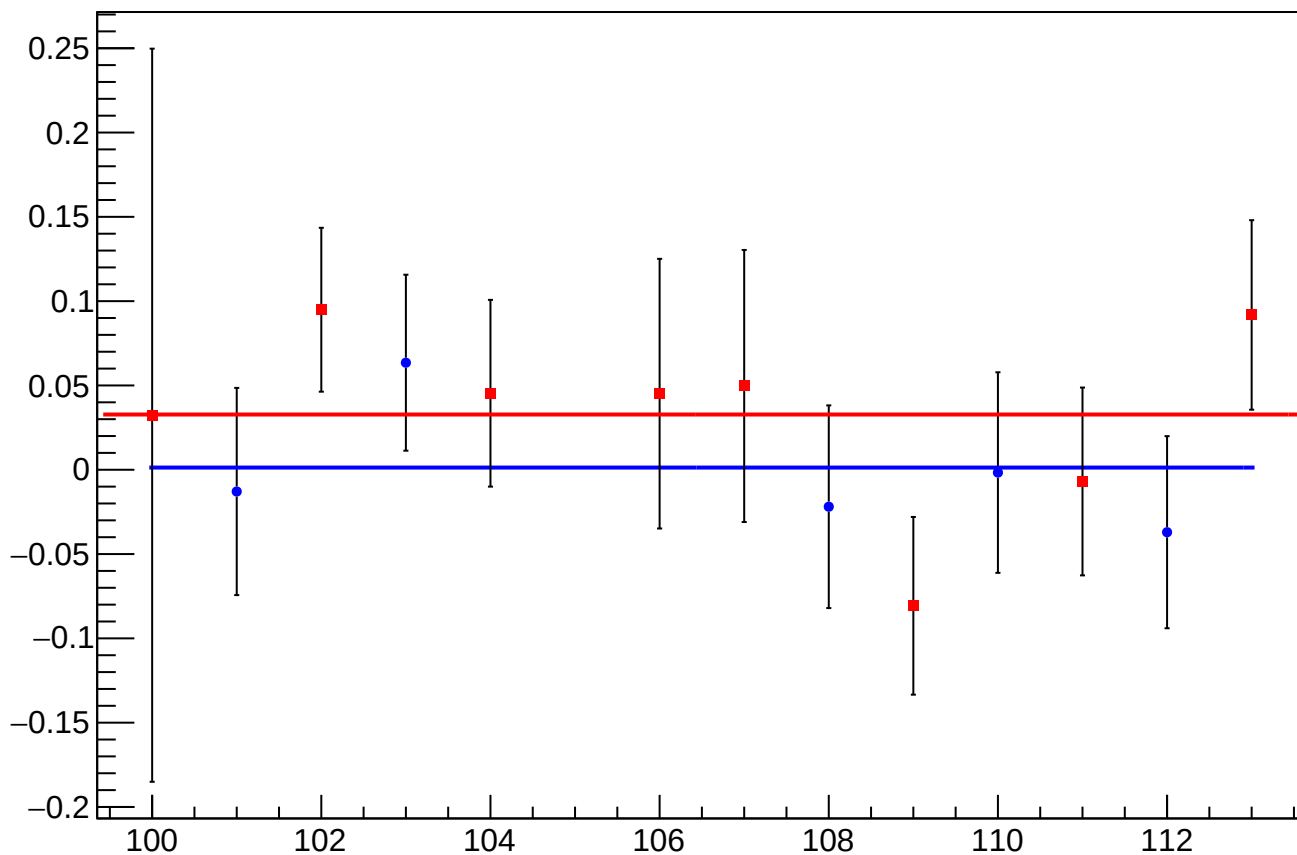
Right: 23.122+/-0.007 χ^2/NDF : 152164.4/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.122+/-0.007 χ^2/NDF : 152164.4/12

asym_us_dd_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.026 χ^2/NDF : 2.1/4

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

Right Out: 0.033+/-0.022 χ^2/NDF : 8.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

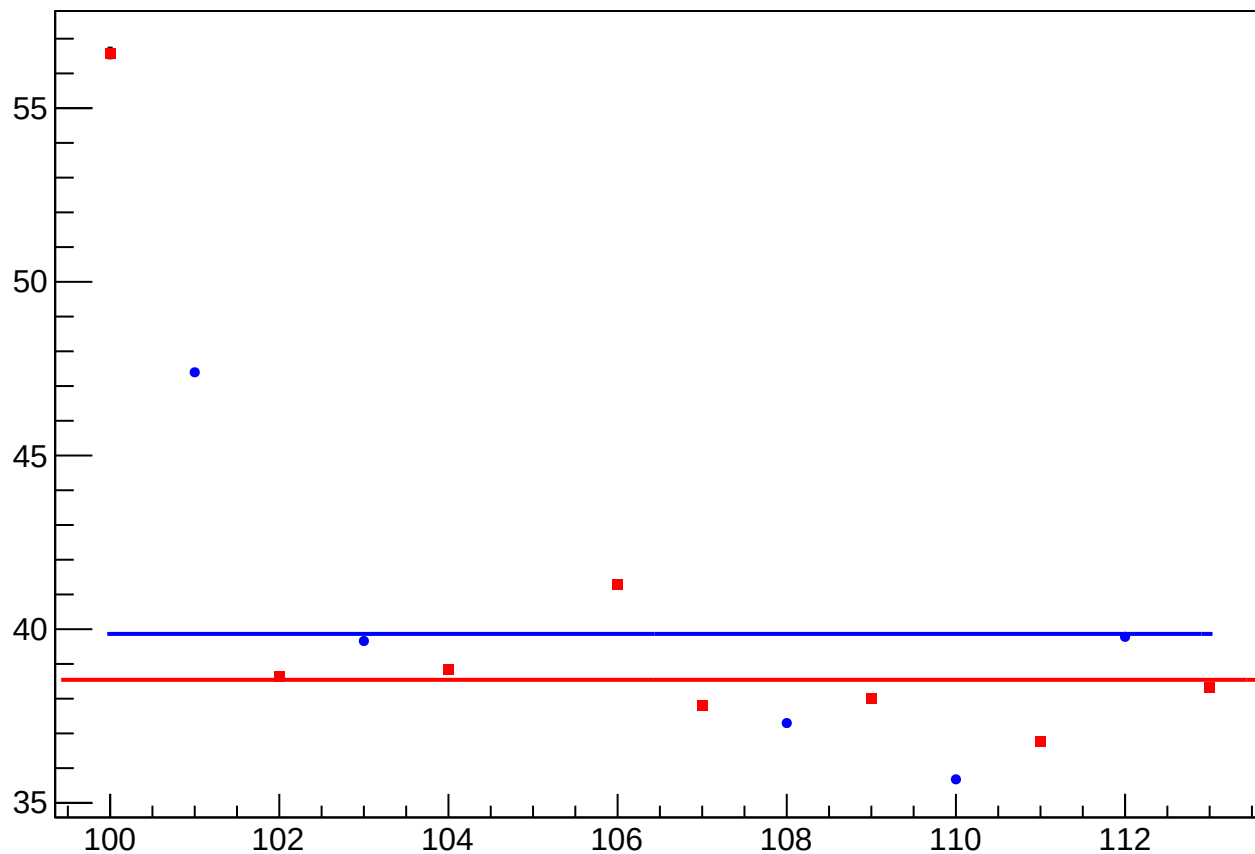
Right: 0.020+/-0.017 χ^2/NDF : 10.9/12

In: 0.001+/-0.026 χ^2/NDF : 2.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.017 χ^2/NDF : 10.9/12

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: 38.543+/-0.016 χ^2/NDF : 18641.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

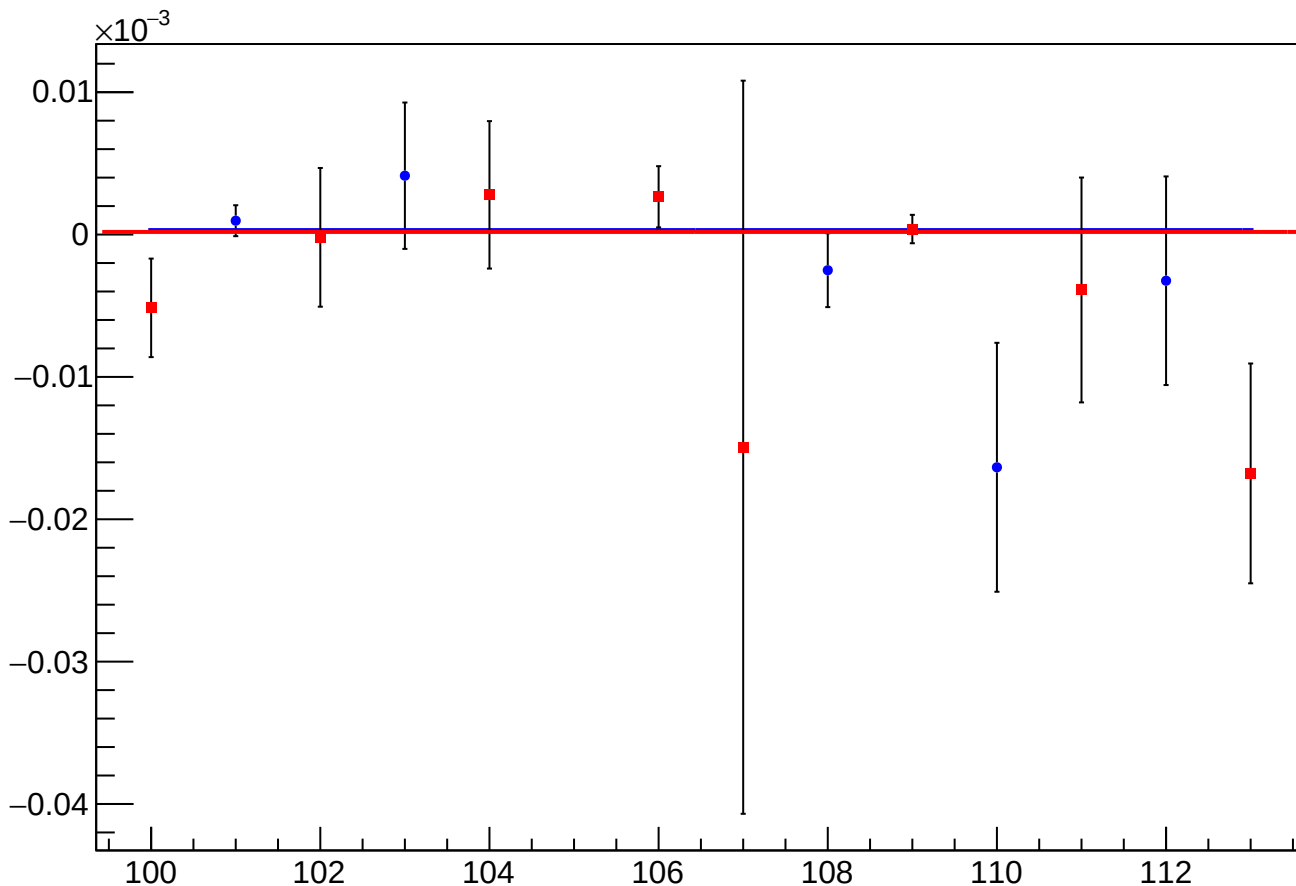
Right: 39.097+/-0.012 χ^2/NDF : 65325.4/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.097+/-0.012 χ^2/NDF : 65325.4/12

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 : 9.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

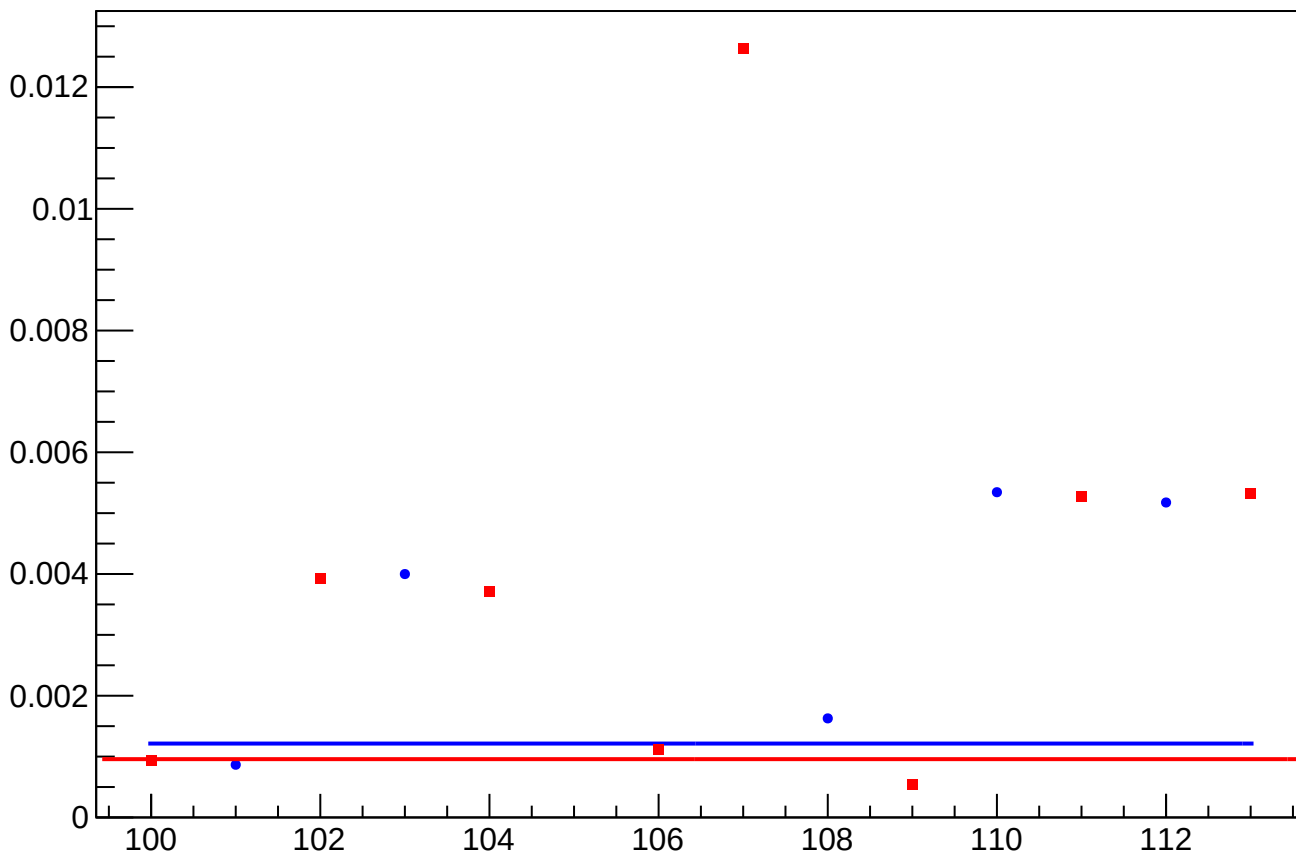
Right: 0.000+/-0.000 χ^2/NDF : 15.4/12

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 : 15.4/12

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 : 3317729.3/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

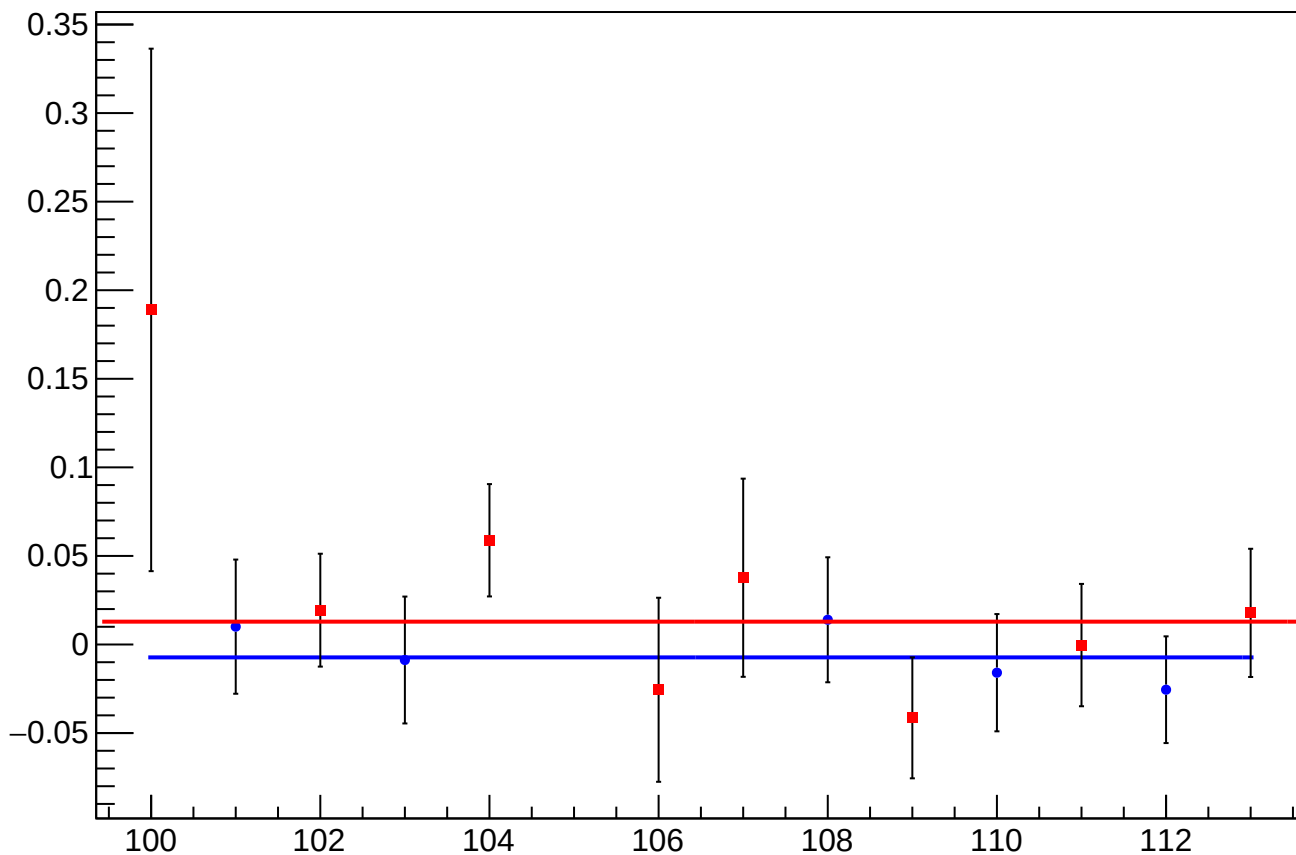
Right: 0.001+/-0.000 χ^2/NDF : 5271325.3/12

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 : 5271325.3/12

asym_us_dd_eigen_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: 0.013 $\pm$ 0.014 χ^2 /NDF: 7.0/7

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

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

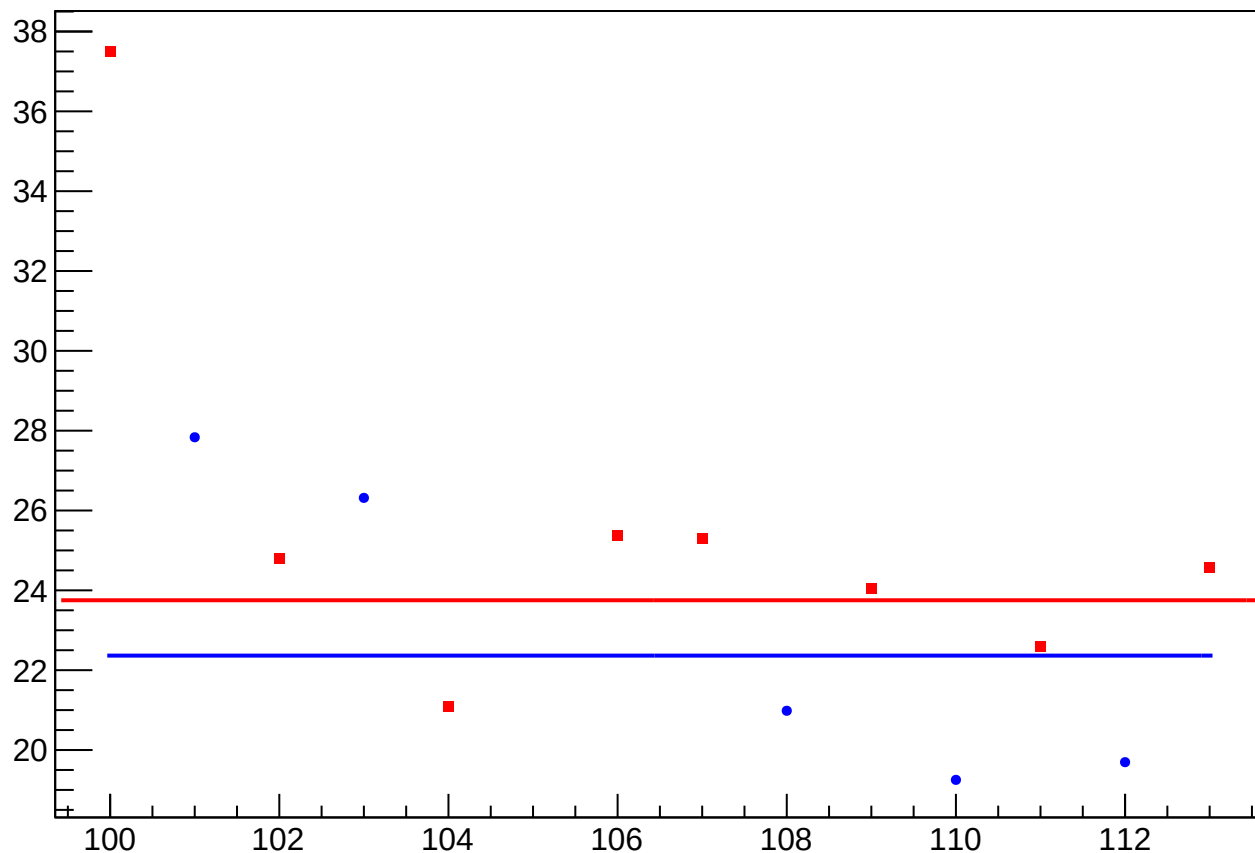
Right: 0.004 $\pm$ 0.010 χ^2 /NDF: 9.0/12

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: 0.004 $\pm$ 0.010 χ^2 /NDF: 9.0/12

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: 23.751+/-0.010 χ^2/NDF : 40647.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

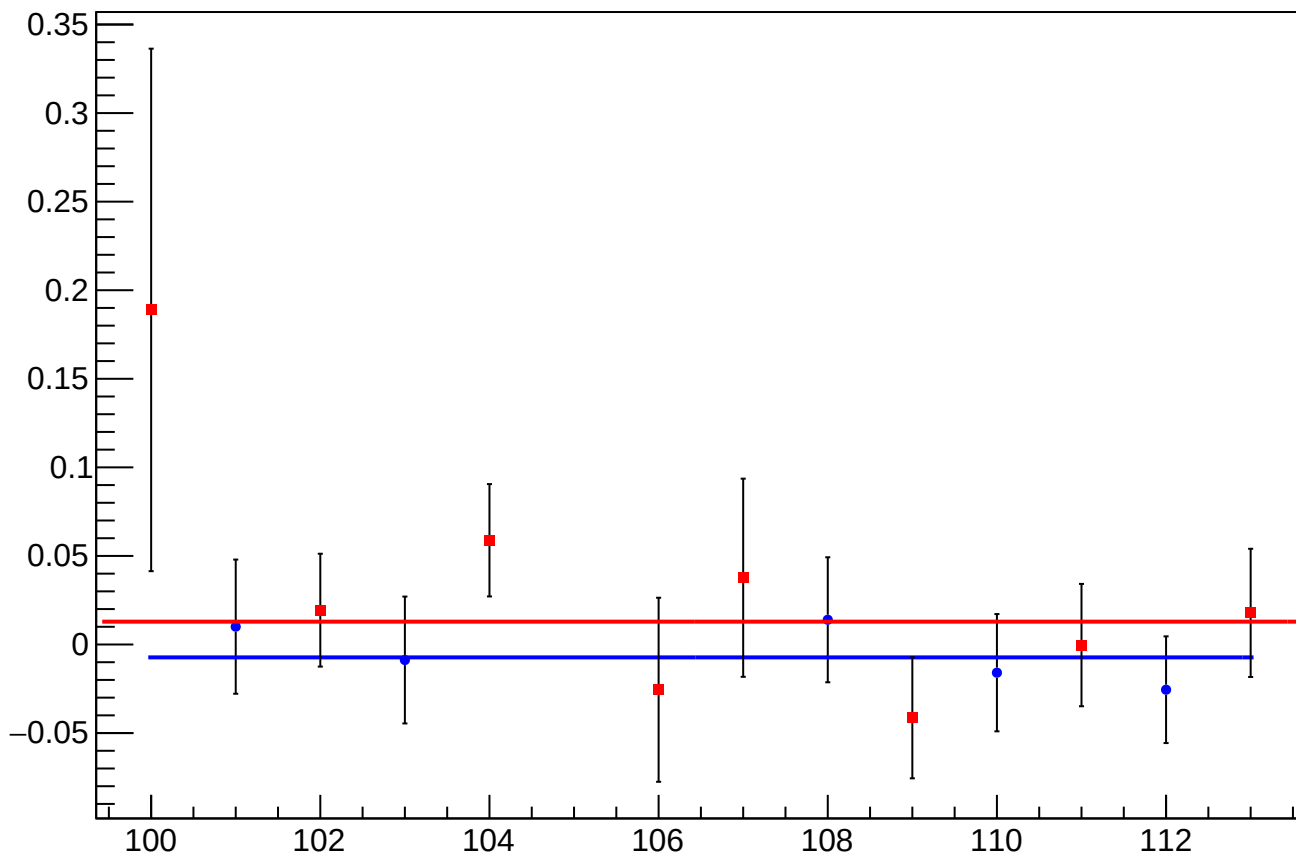
Right: 23.123+/-0.007 χ^2/NDF : 152199.1/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.123+/-0.007 χ^2/NDF : 152199.1/12

asym_us_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.015 χ^2/NDF : 1.0/4

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

Right Out: 0.013 ± 0.014 χ^2/NDF : 7.0/7

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

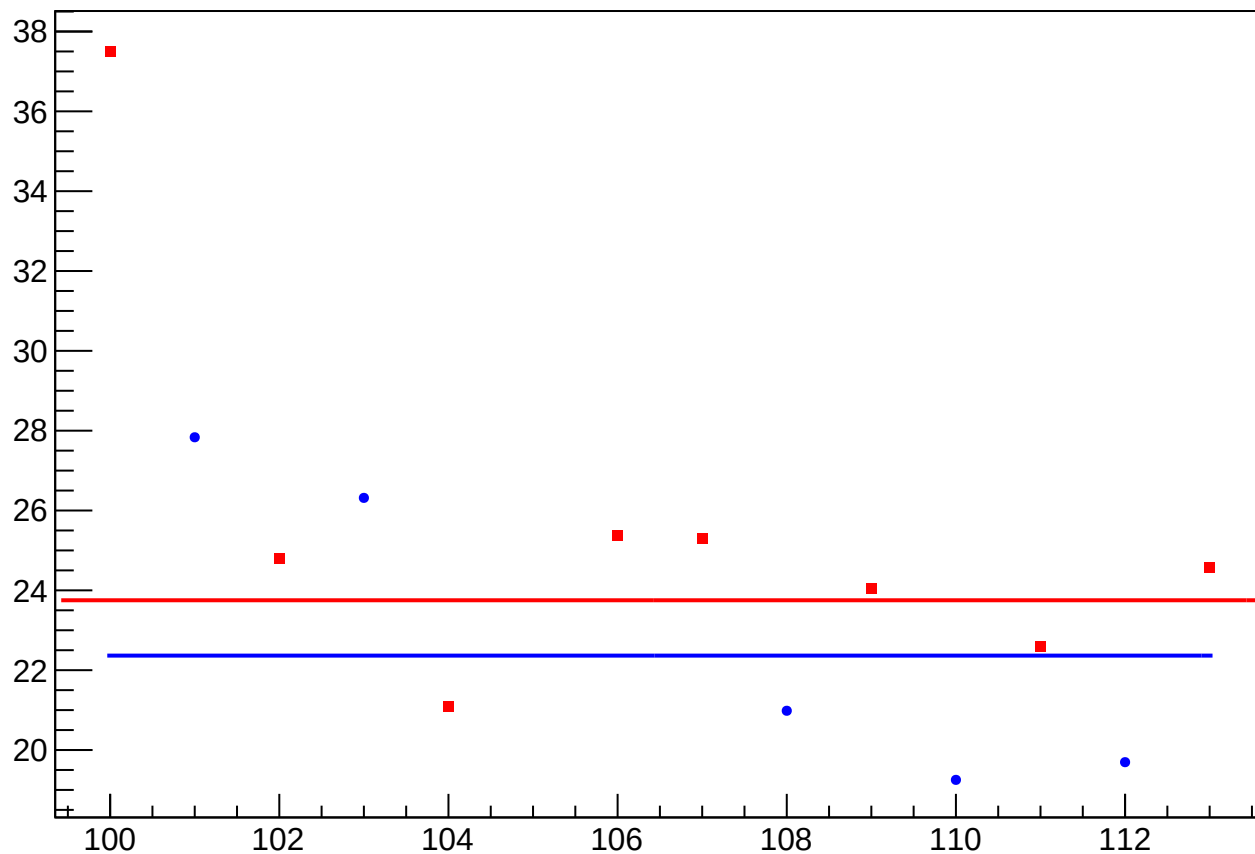
Right: 0.004 ± 0.010 χ^2/NDF : 9.0/12

In: -0.007 ± 0.015 χ^2/NDF : 1.0/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.004 ± 0.010 χ^2/NDF : 9.0/12

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: 23.751+/-0.010 χ^2/NDF : 40647.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

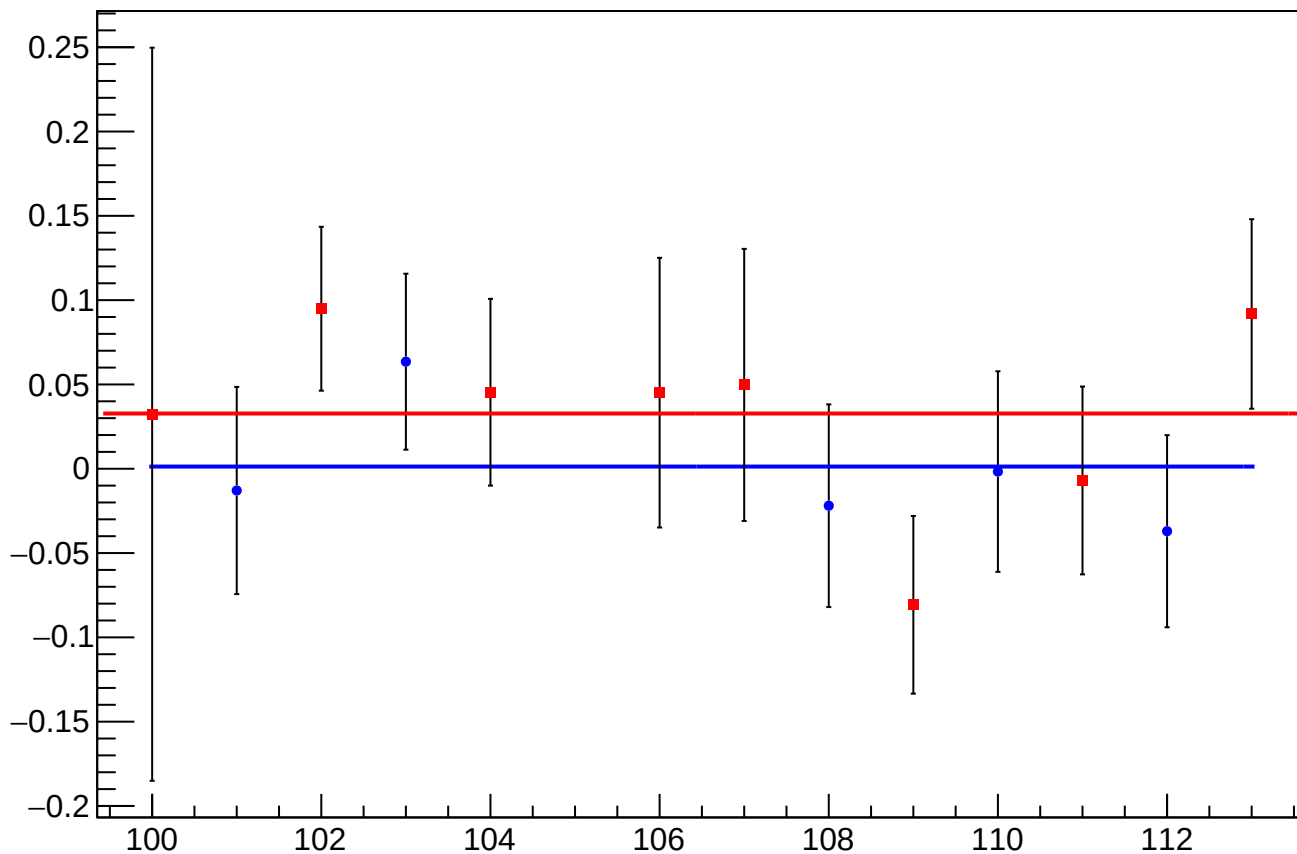
Right: 23.123+/-0.007 χ^2/NDF : 152199.1/12

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.123+/-0.007 χ^2/NDF : 152199.1/12

asym_us_dd_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.026 χ^2/NDF : 2.1/4

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

Right Out: 0.033+/-0.022 χ^2/NDF : 8.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

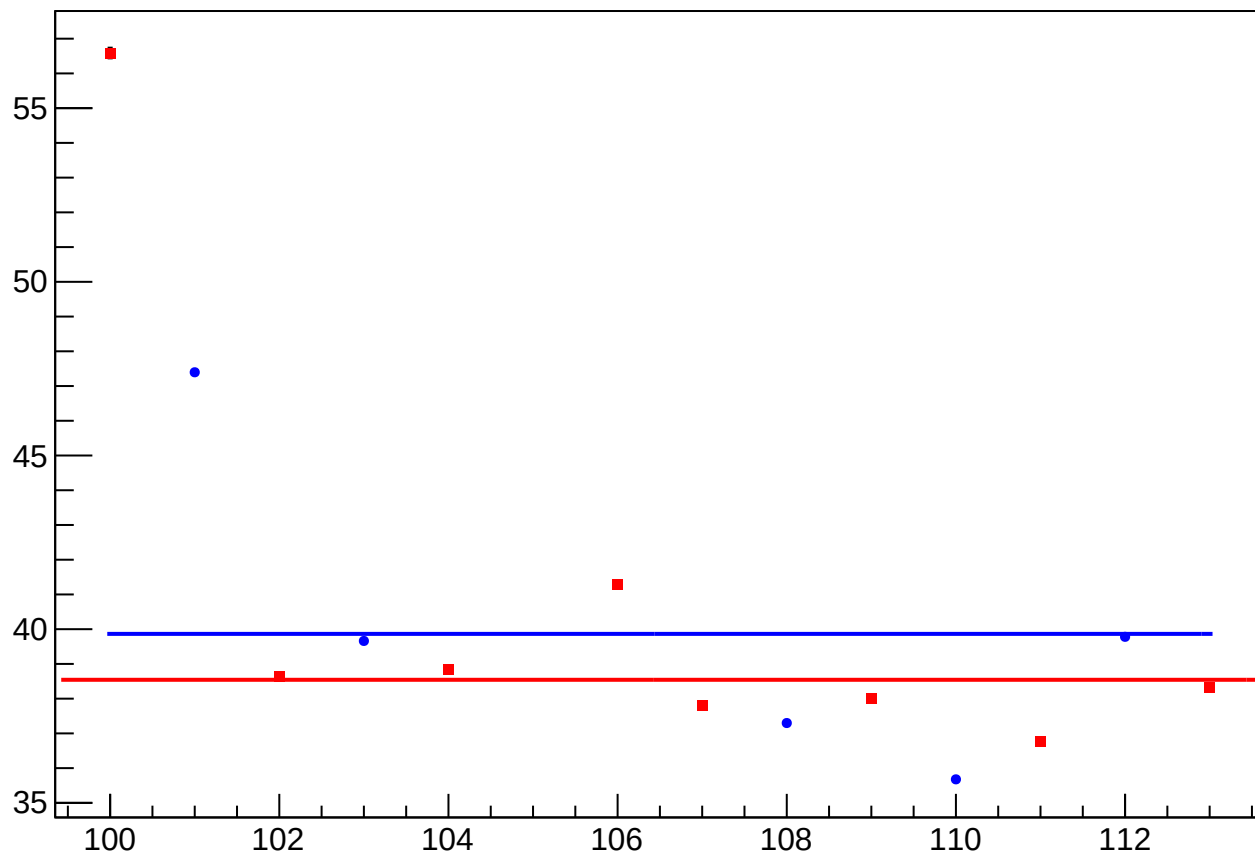
Right: 0.020+/-0.017 χ^2/NDF : 10.9/12

In: 0.001+/-0.026 χ^2/NDF : 2.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.017 χ^2/NDF : 10.9/12

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: 38.543+/-0.016 χ^2/NDF : 18642.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

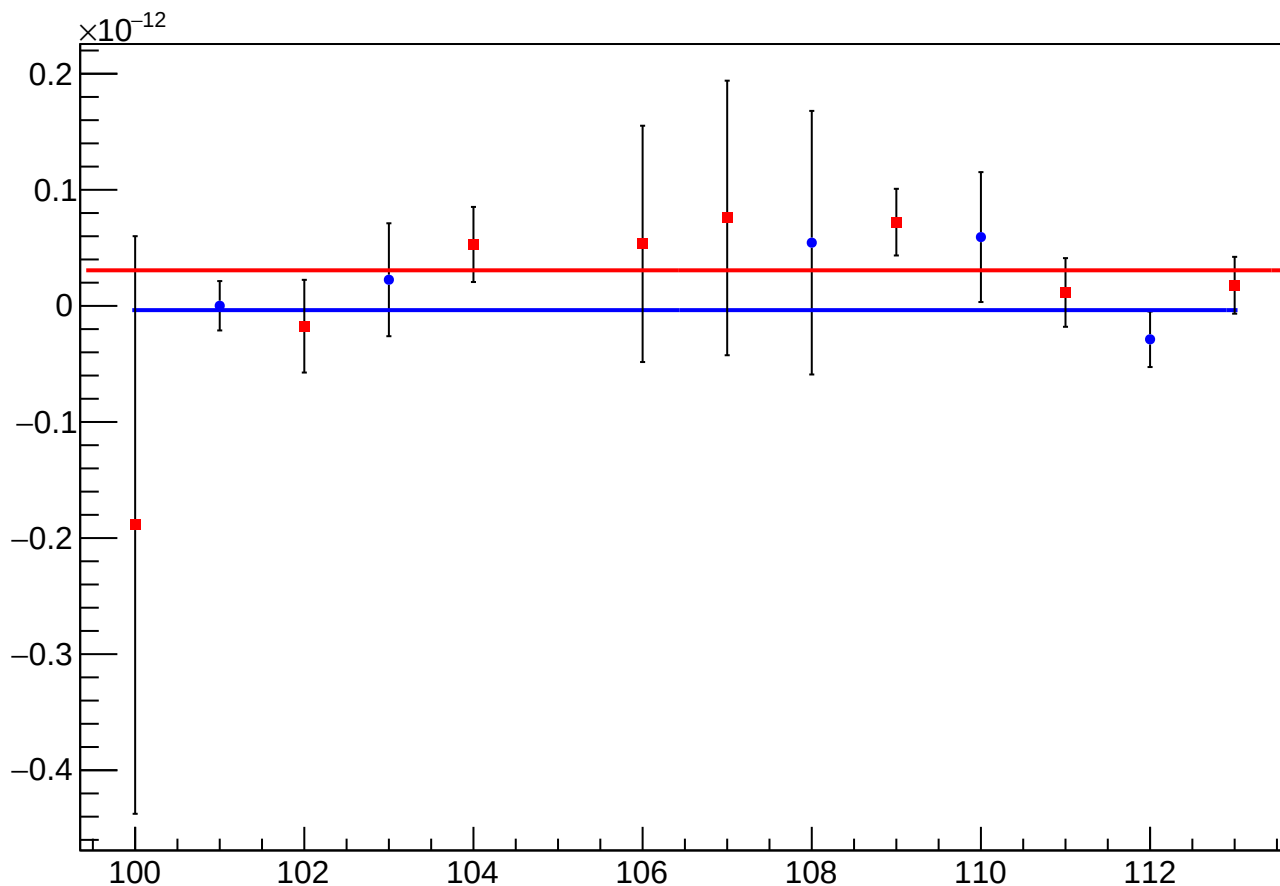
Right: 39.097+/-0.012 χ^2/NDF : 65330.2/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.097+/-0.012 χ^2/NDF : 65330.2/12

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: 5.7/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

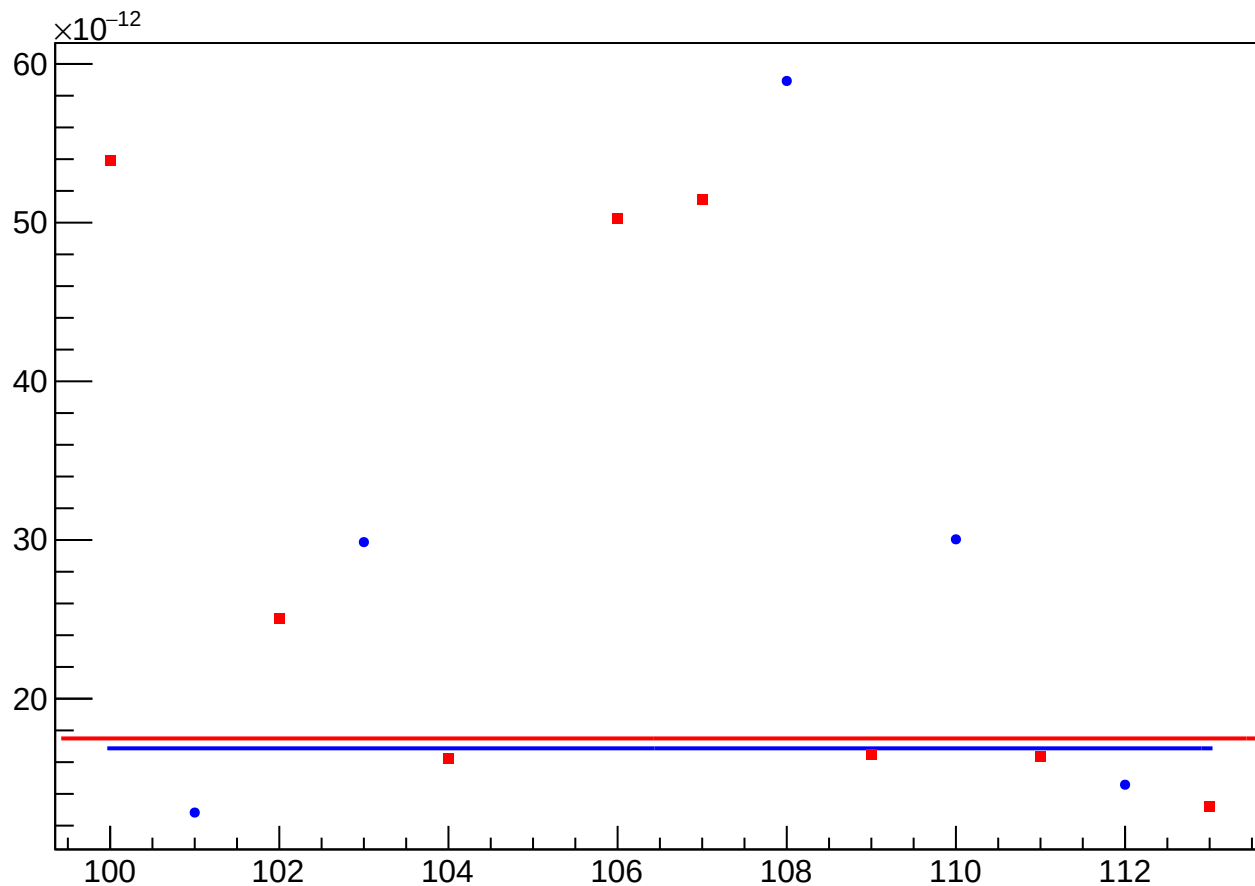
Right: 0.000+/-0.000 χ^2 /NDF: 11.7/12

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: 11.7/12

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 : 556523.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

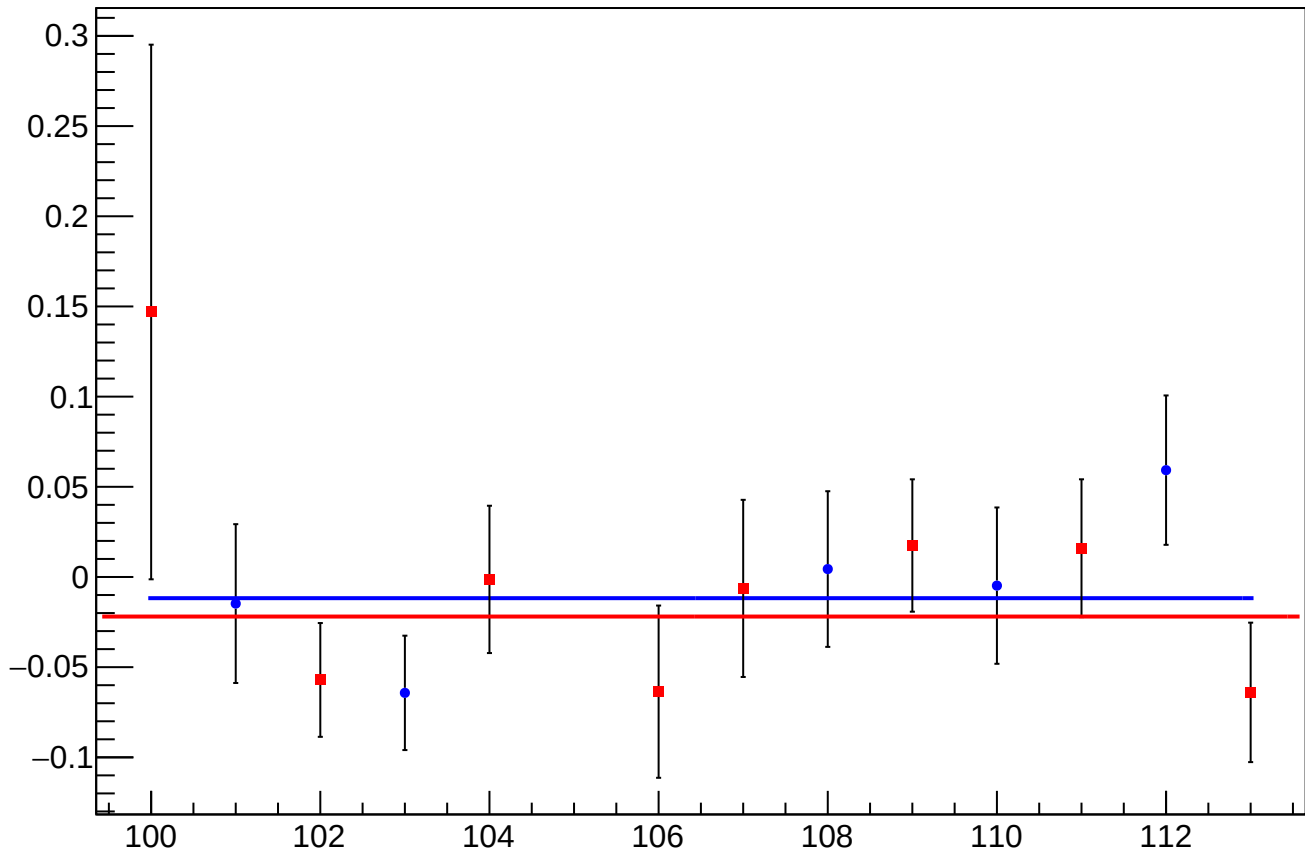
Right: 0.000+/-0.000 χ^2/NDF : 1177467.0/12

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 : 1177467.0/12

asym_us_dd_overload_cor_vs_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: -0.022 $\pm$ 0.015 χ^2 /NDF: 7.0/7

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

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

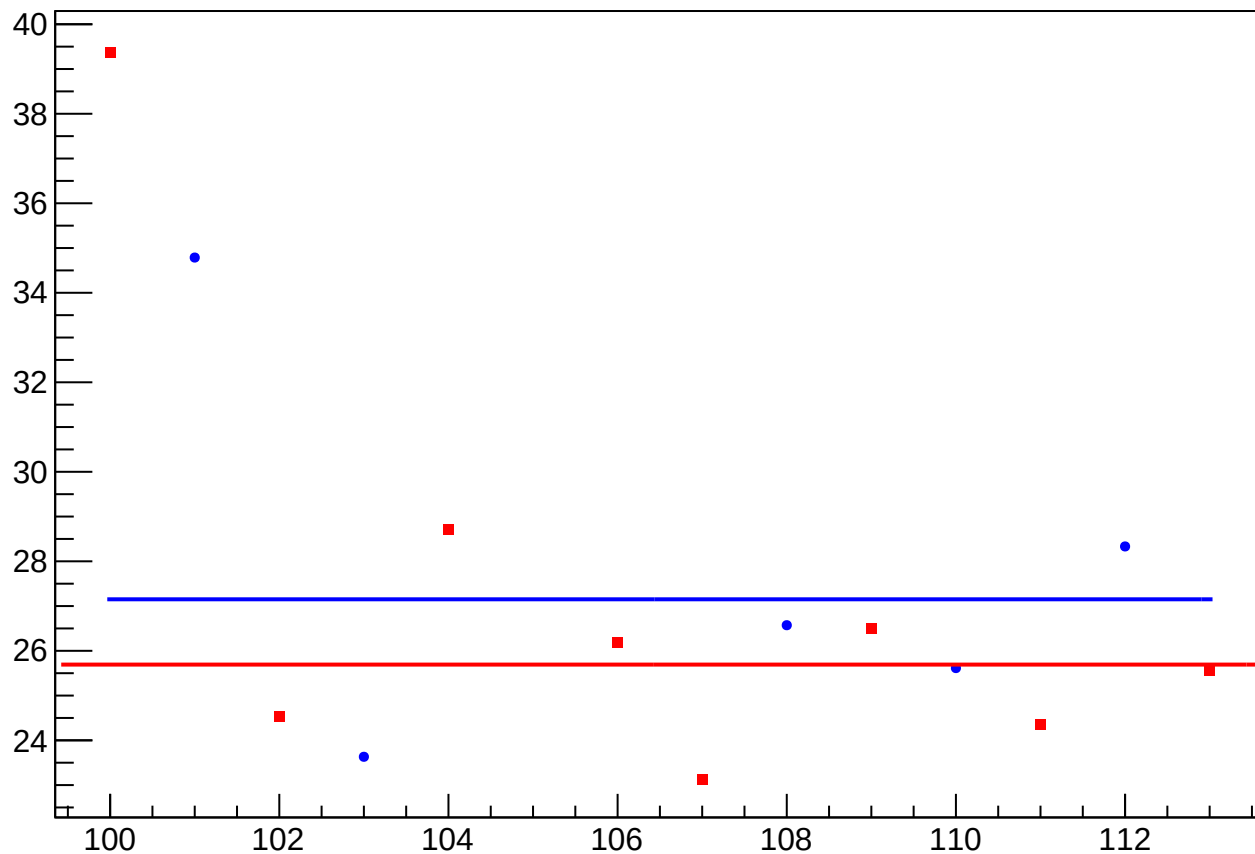
Right: -0.018 $\pm$ 0.011 χ^2 /NDF: 13.0/12

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: -0.018 $\pm$ 0.011 χ^2 /NDF: 13.0/12

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: 25.692+/-0.010 χ^2/NDF : 39711.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

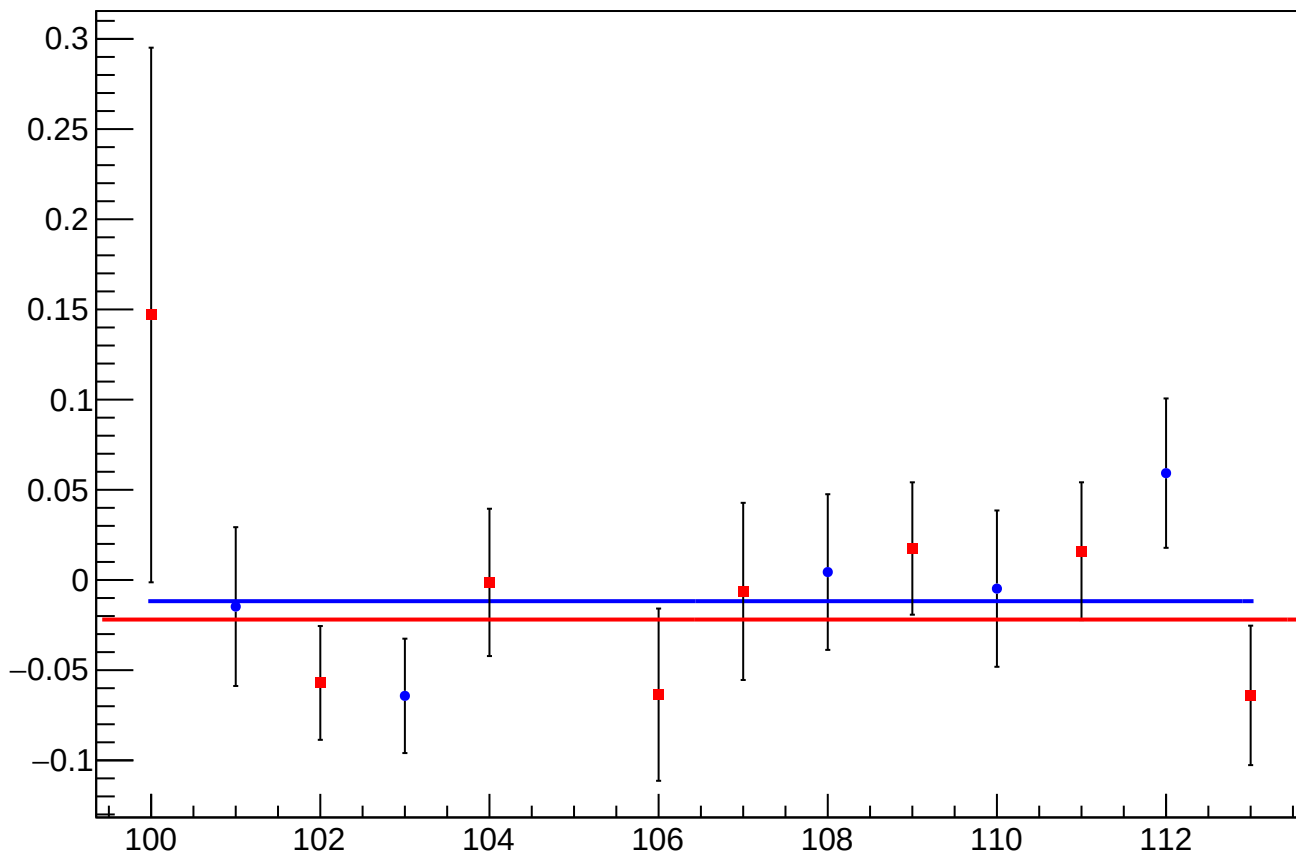
Right: 26.287+/-0.008 χ^2/NDF : 136976.3/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.287+/-0.008 χ^2/NDF : 136976.3/12

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: -0.022 $\pm$ 0.015 χ^2 /NDF: 7.0/7

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

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

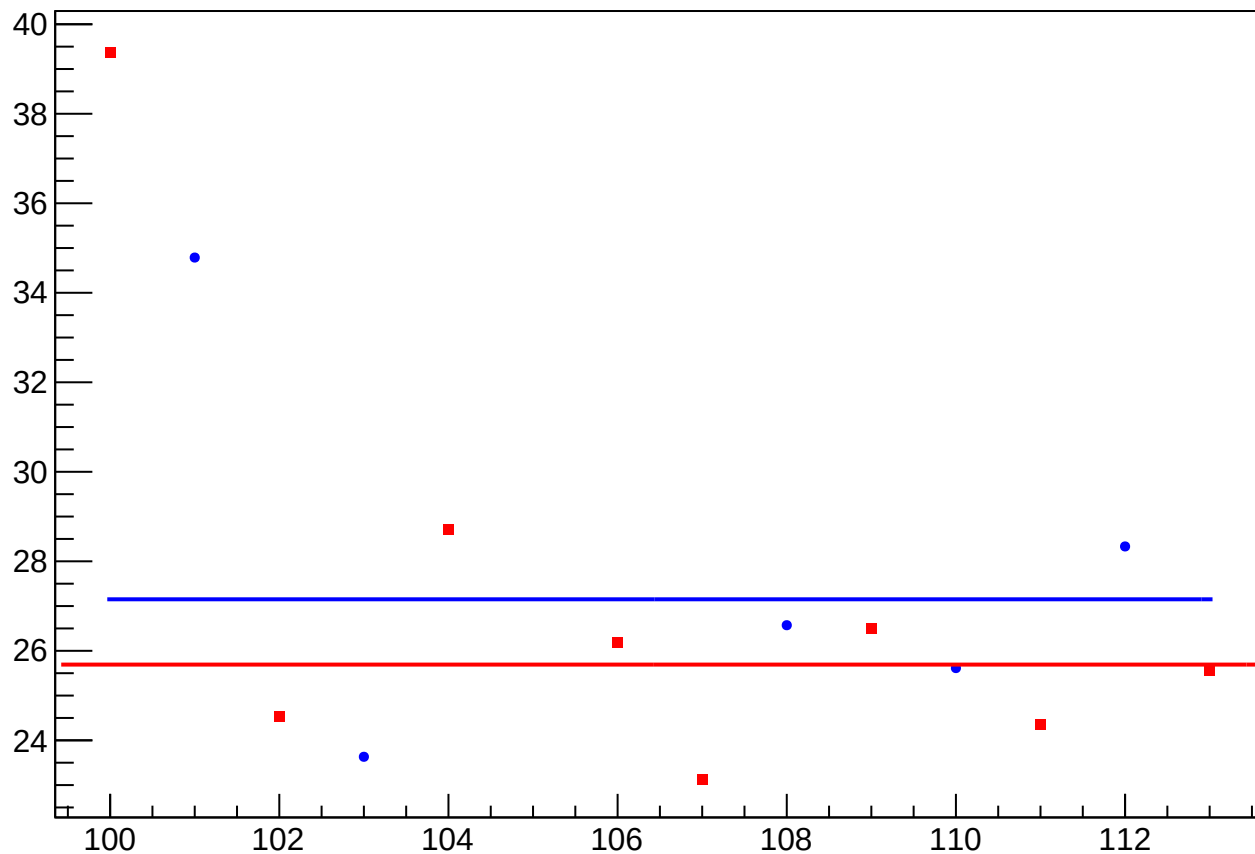
Right: -0.018 $\pm$ 0.011 χ^2 /NDF: 13.0/12

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: -0.018 $\pm$ 0.011 χ^2 /NDF: 13.0/12

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: 25.692+/-0.010 χ^2/NDF : 39711.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

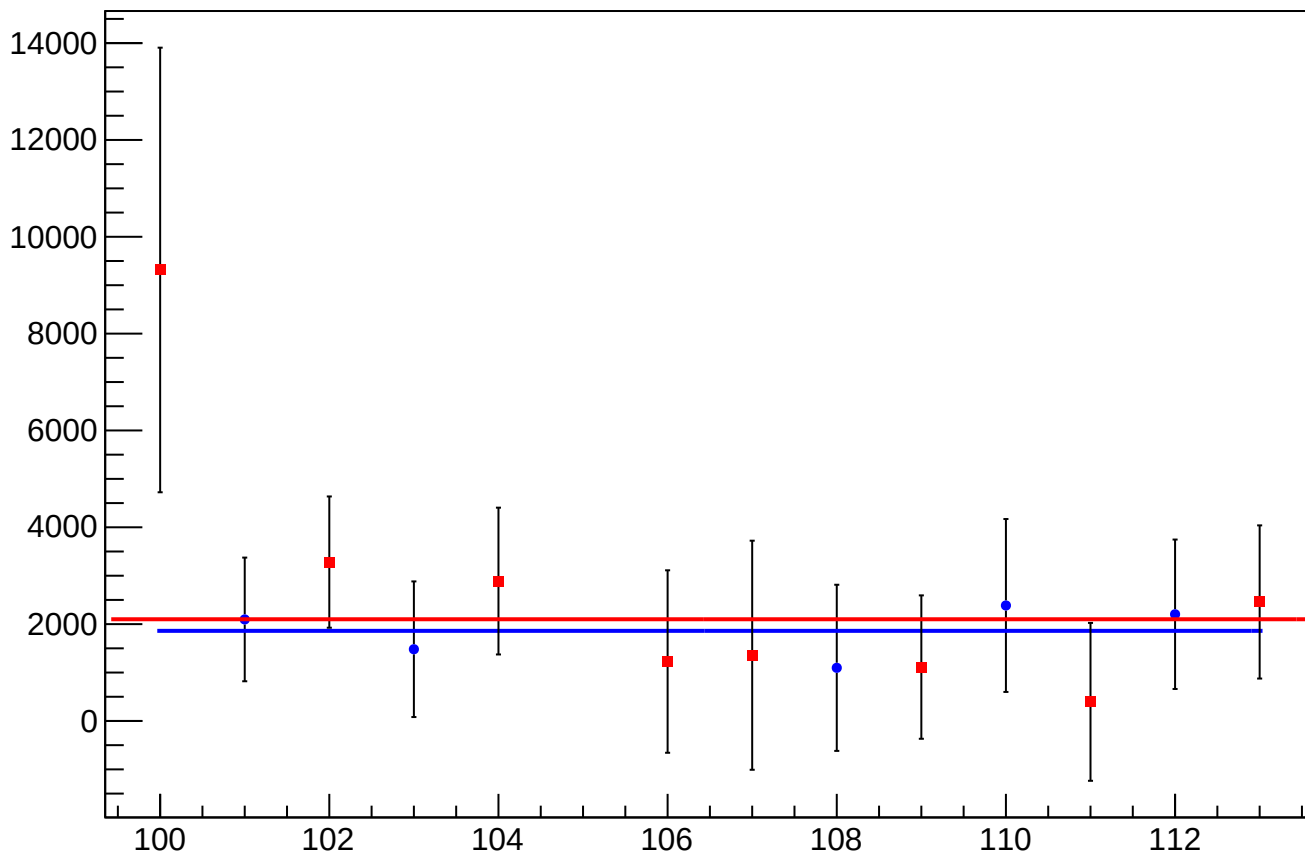
Right: 26.287+/-0.008 χ^2/NDF : 136976.3/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.287+/-0.008 χ^2/NDF : 136976.3/12

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: 2100.658+/-606.477 χ^2/NDF : 5.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

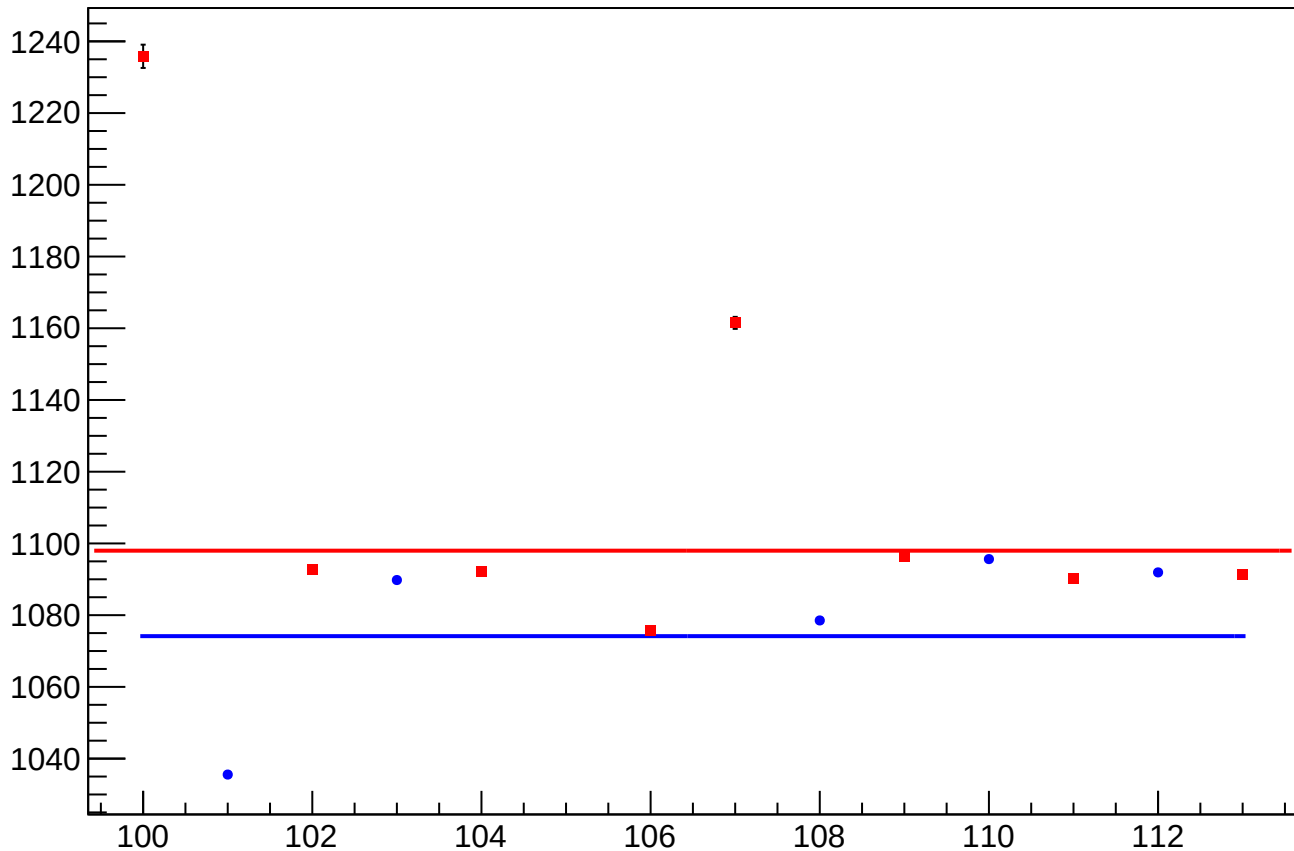
Right: 1993.628+/-451.070 χ^2/NDF : 5.9/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1993.628+/-451.070 χ^2/NDF : 5.9/12

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: 1097.982+/-0.429 χ^2/NDF : 3664.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

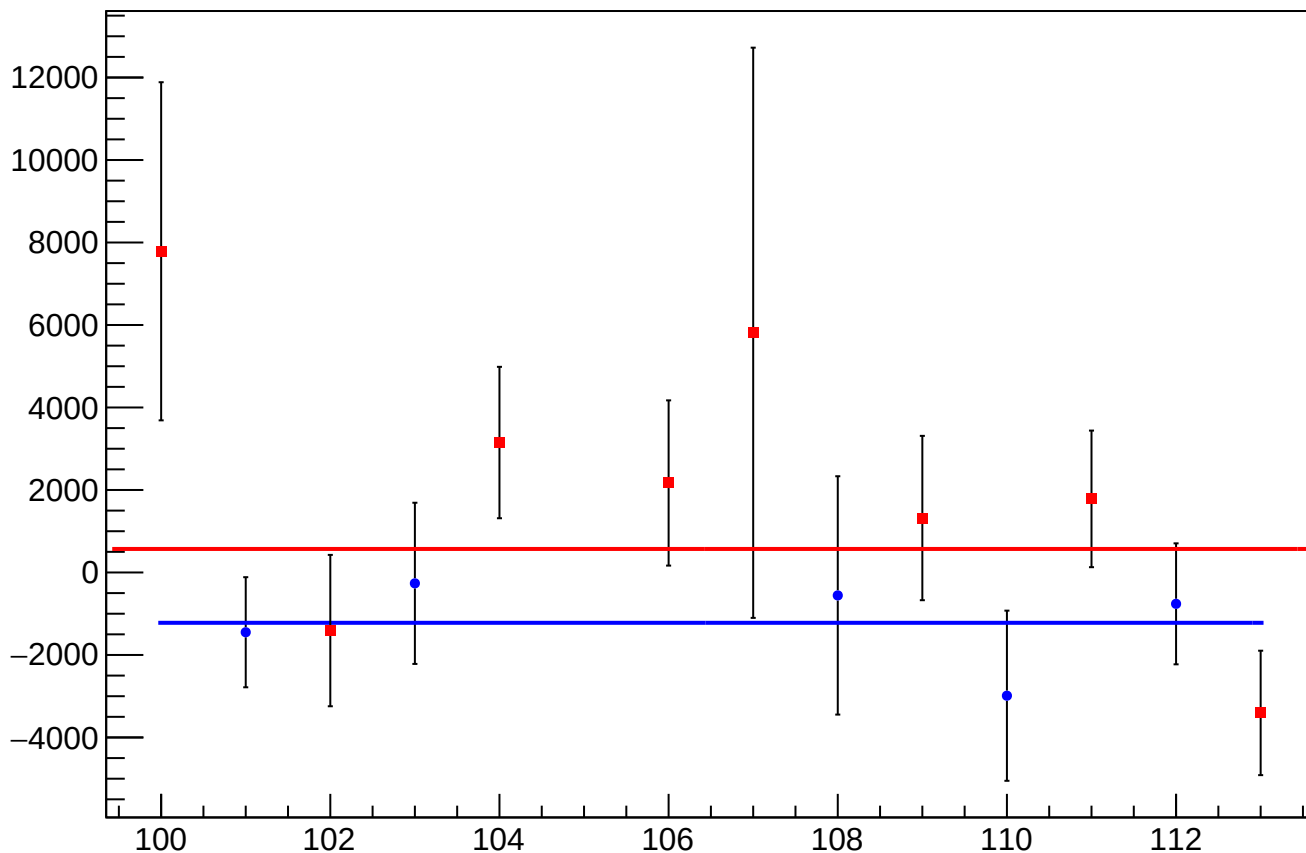
Right: 1087.333+/-0.319 χ^2/NDF : 7689.1/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1087.333+/-0.319 χ^2/NDF : 7689.1/12

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: 570.255+/-710.725 χ^2/NDF : 15.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

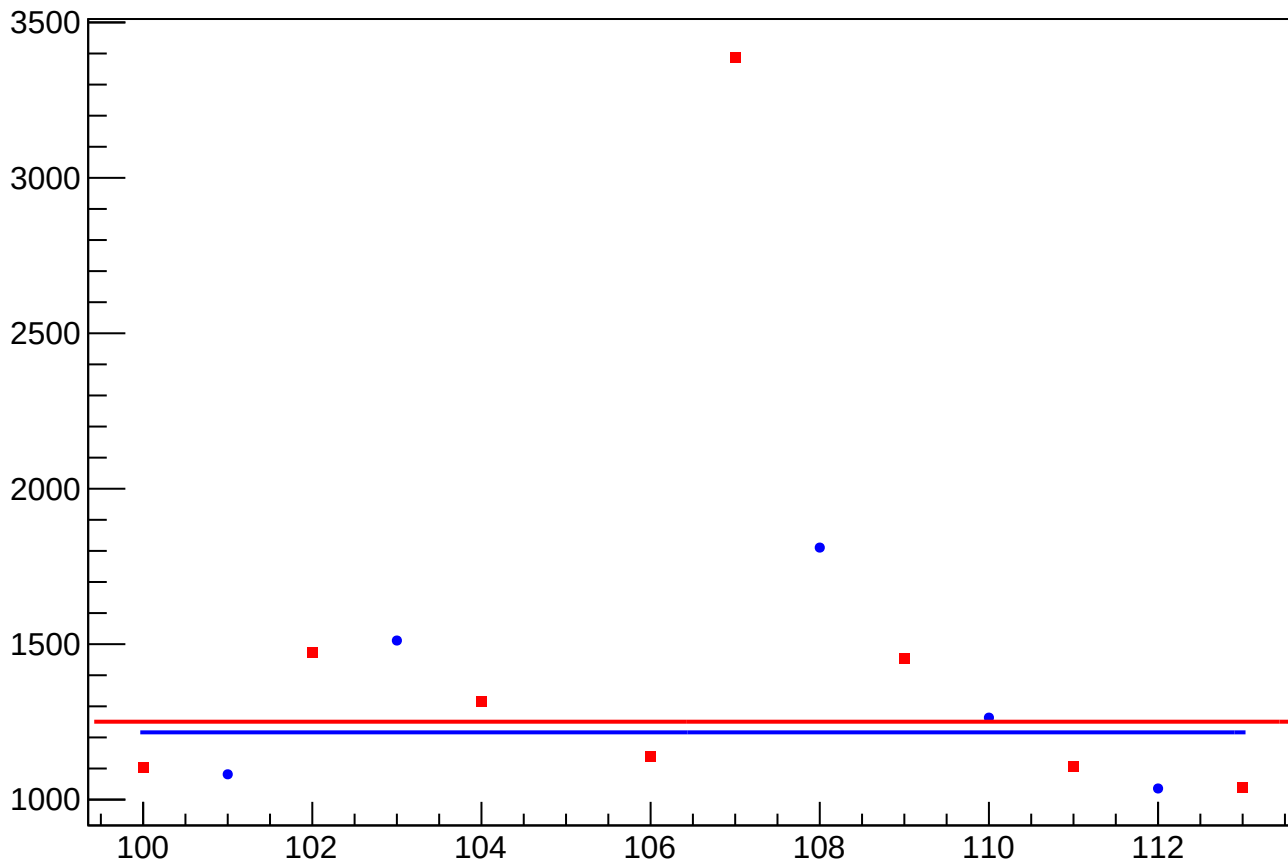
Right: -241.798+/-525.391 χ^2/NDF : 19.1/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -241.798+/-525.391 χ^2/NDF : 19.1/12

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: 1250.581+/-0.503 χ^2/NDF : 307716.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

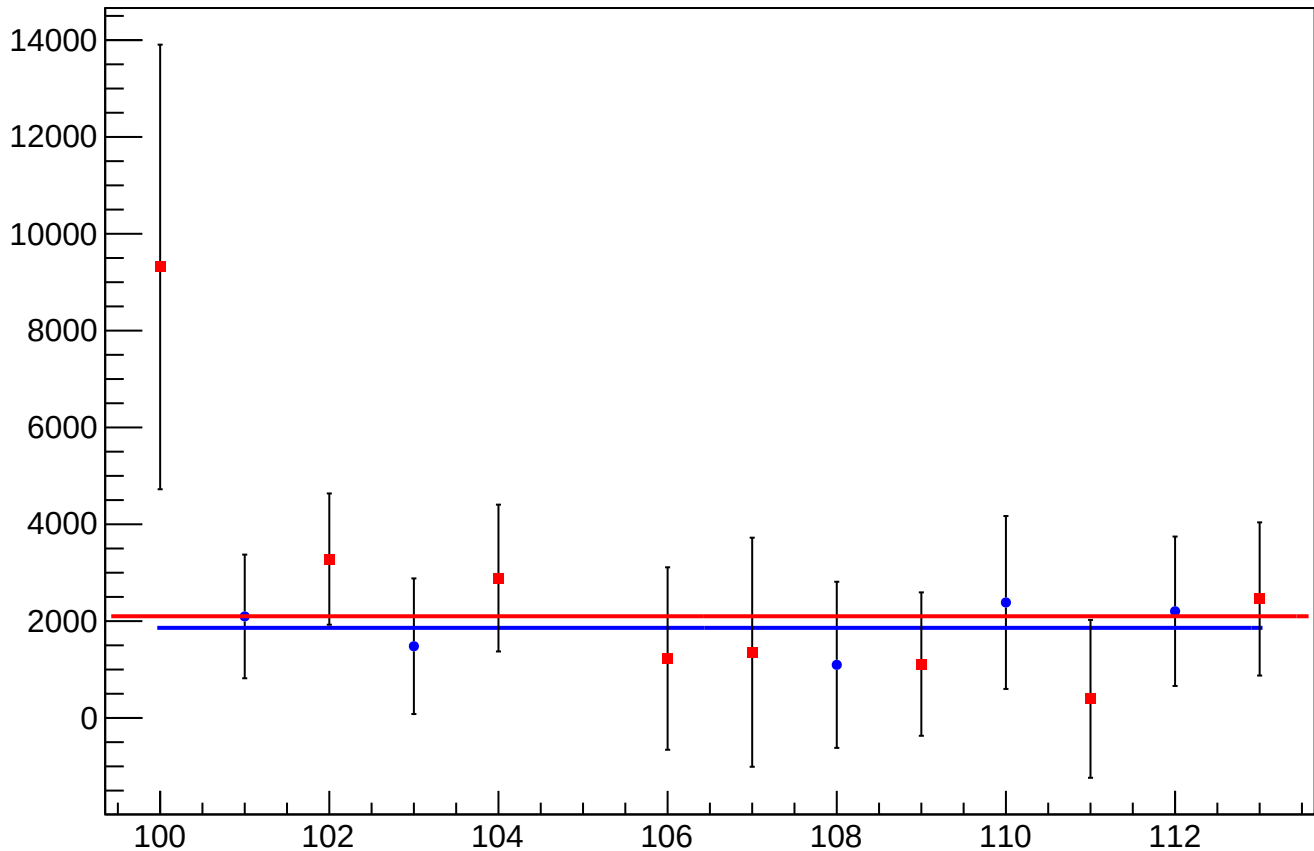
Right: 1235.048+/-0.372 χ^2/NDF : 491945.0/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1235.048+/-0.372 χ^2/NDF : 491945.0/12

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: 2100.658+/-606.477 χ^2/NDF : 5.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

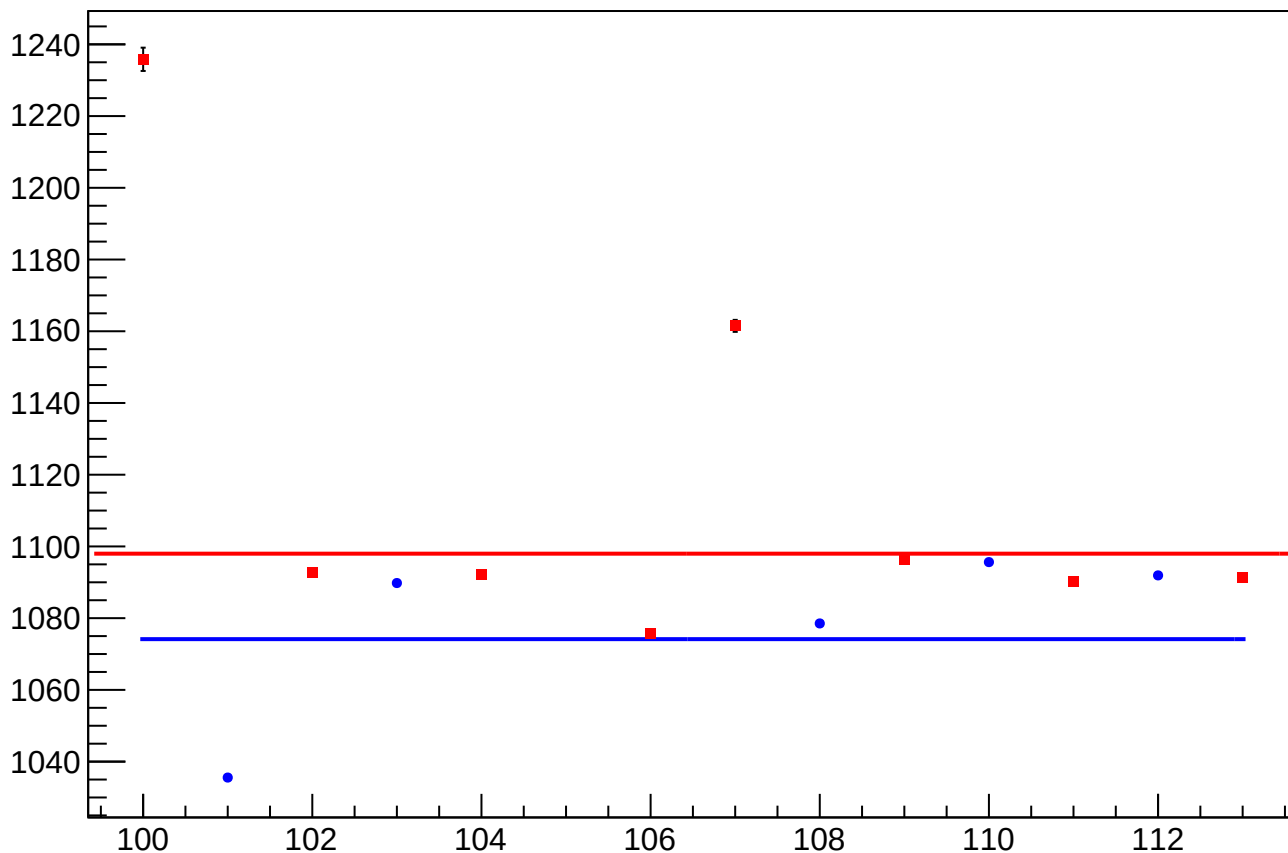
Right: 1993.628+/-451.070 χ^2/NDF : 5.9/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1993.628+/-451.070 χ^2/NDF : 5.9/12

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: 1097.982+/-0.429 χ^2/NDF : 3664.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

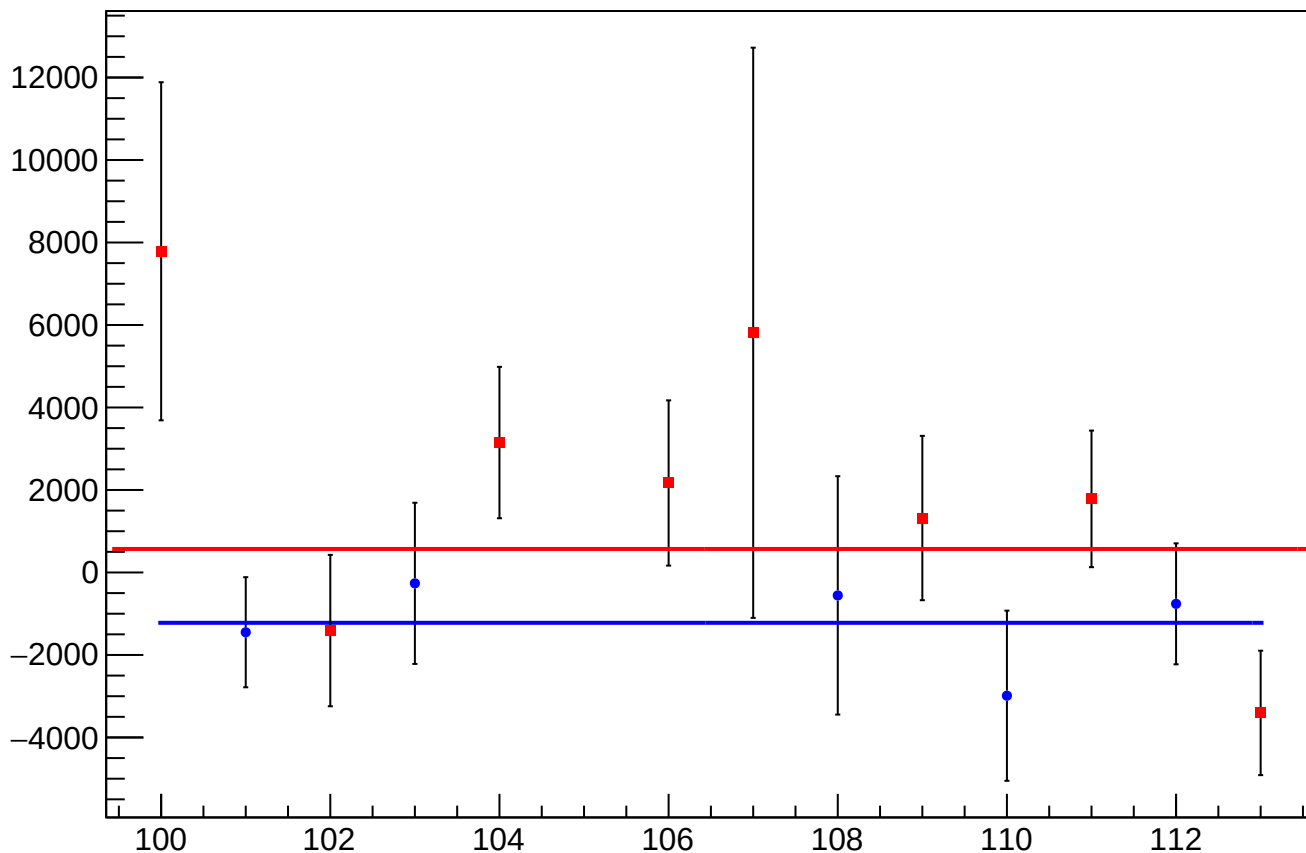
Right: 1087.333+/-0.319 χ^2/NDF : 7689.1/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1087.333+/-0.319 χ^2/NDF : 7689.1/12

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: 570.255+/-710.725 χ^2/NDF : 15.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

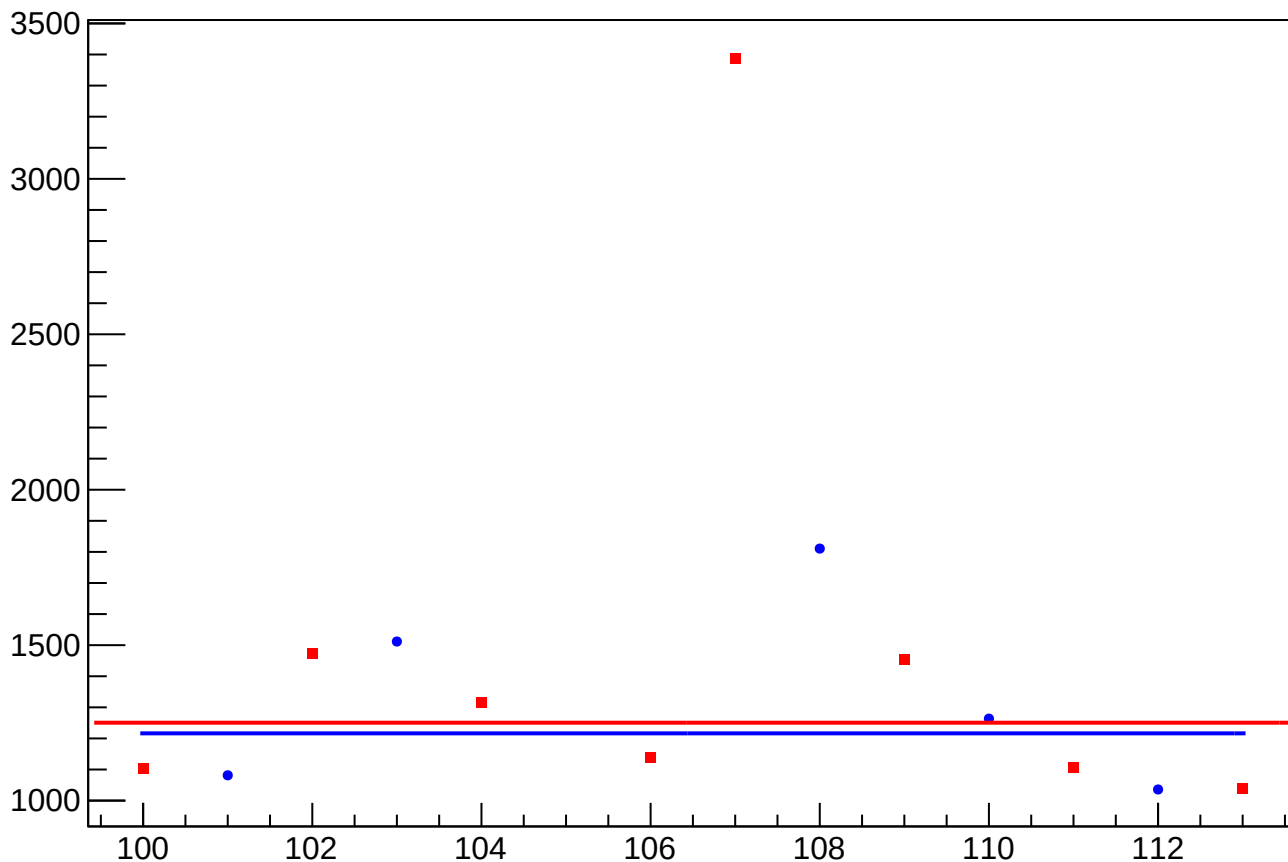
Right: -241.798+/-525.391 χ^2/NDF : 19.1/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -241.798+/-525.391 χ^2/NDF : 19.1/12

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: 1250.581+/-0.503 χ^2/NDF : 307716.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

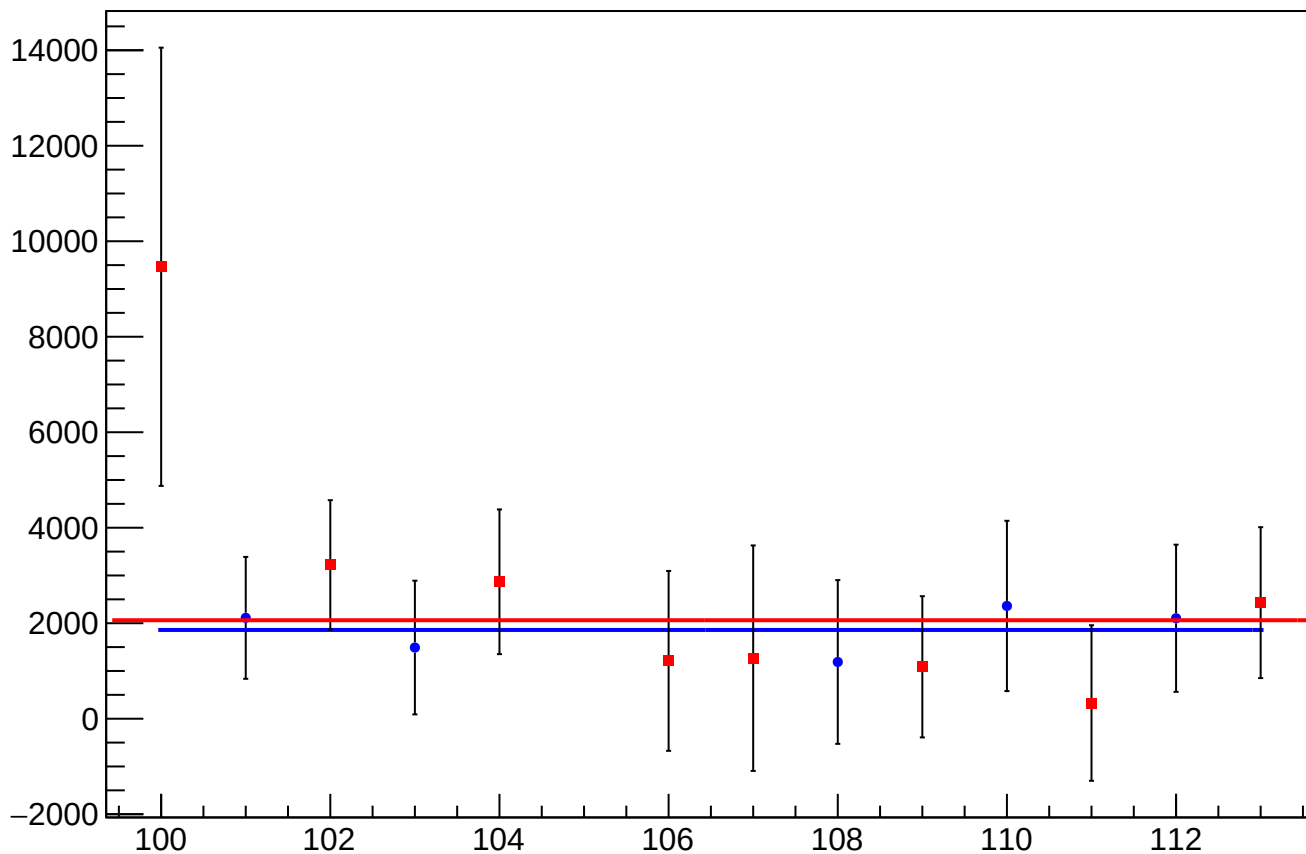
Right: 1235.048+/-0.372 χ^2/NDF : 491945.0/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1235.048+/-0.372 χ^2/NDF : 491945.0/12

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: 2062.394+/-605.950 χ^2/NDF : 5.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

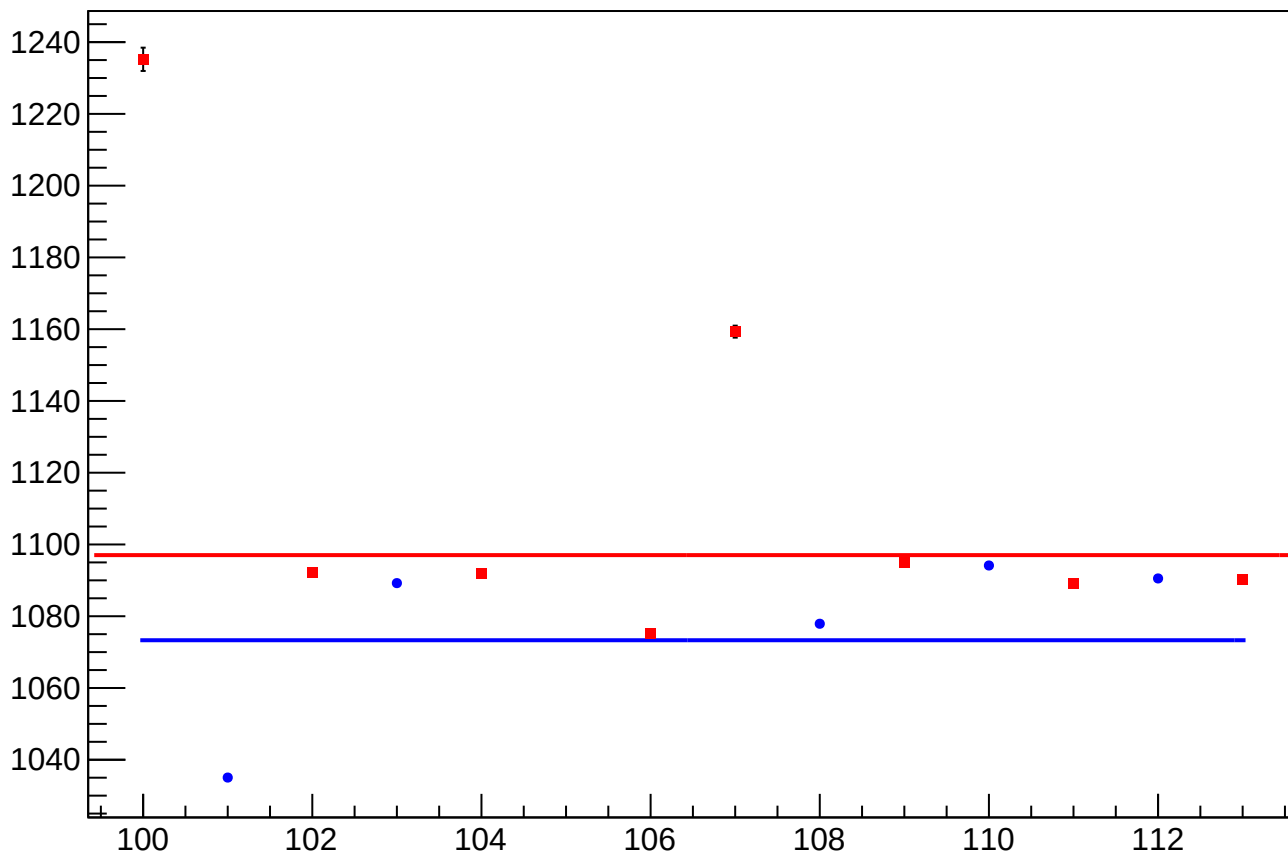
Right: 1971.631+/-450.694 χ^2/NDF : 6.0/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1971.631+/-450.694 χ^2/NDF : 6.0/12

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: 1097.033+/-0.428 χ^2/NDF : 3611.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

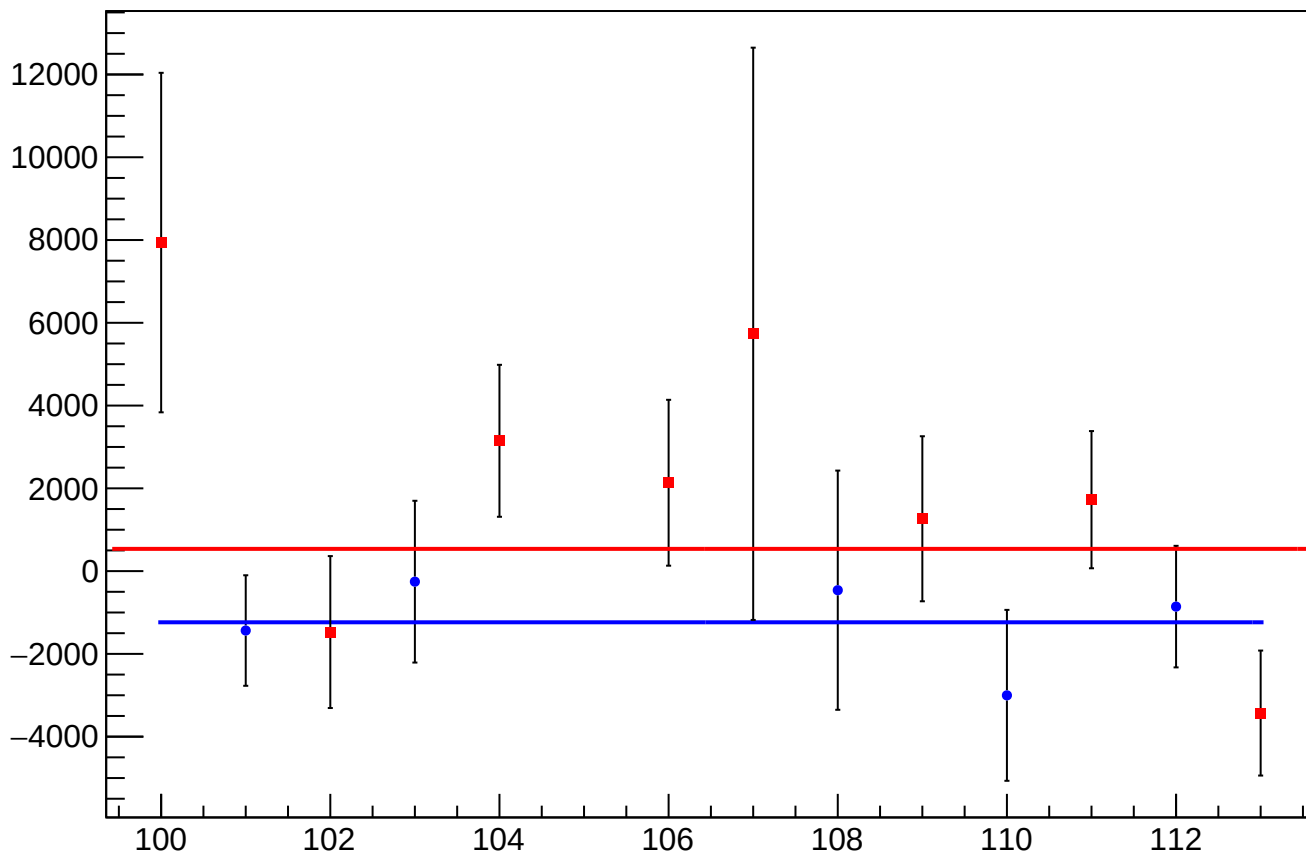
Right: 1086.433+/-0.319 χ^2/NDF : 7574.7/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1086.433+/-0.319 χ^2/NDF : 7574.7/12

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: 537.429+/-711.220 χ^2/NDF : 15.2/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

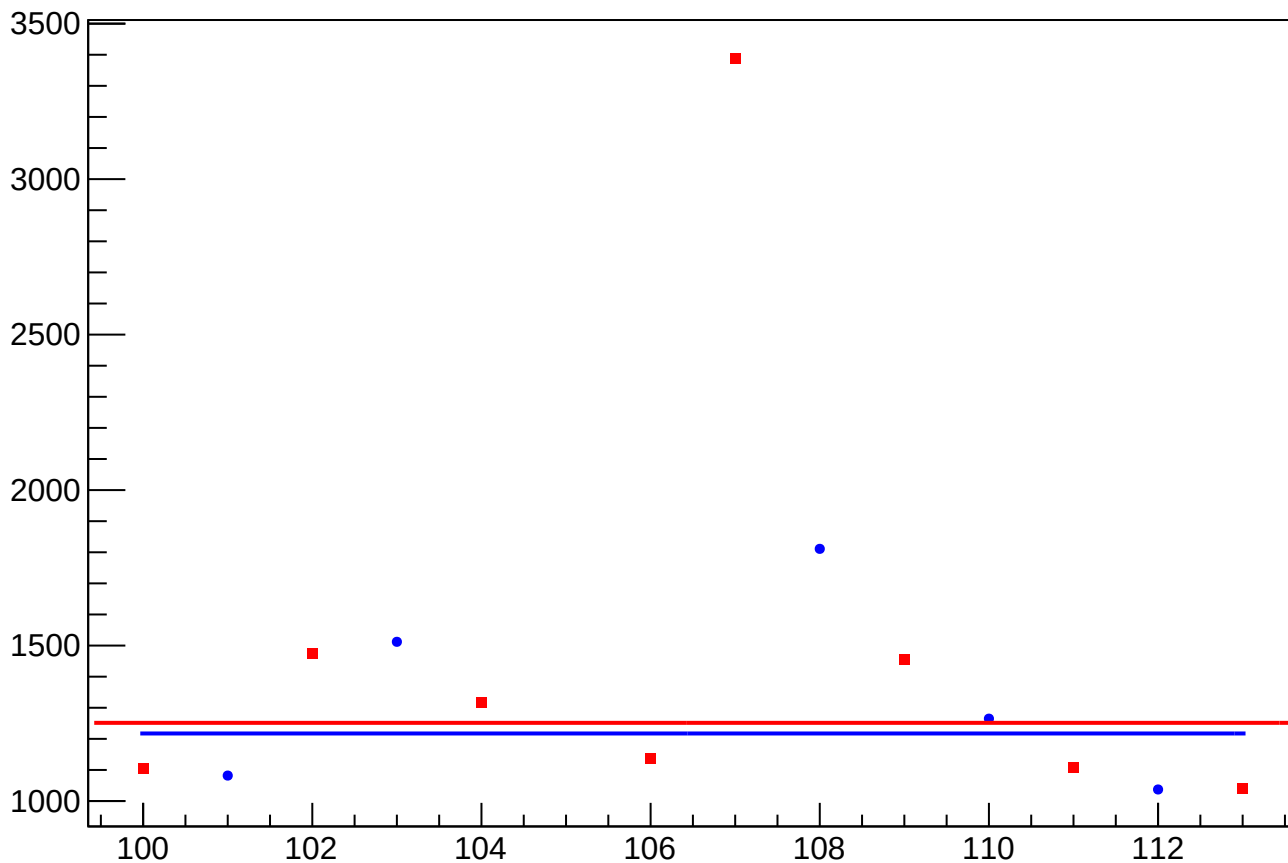
Right: -267.150+/-525.770 χ^2/NDF : 19.2/12

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -267.150+/-525.770 χ^2/NDF : 19.2/12

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: 1251.509+/-0.503 χ^2/NDF : 307266.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

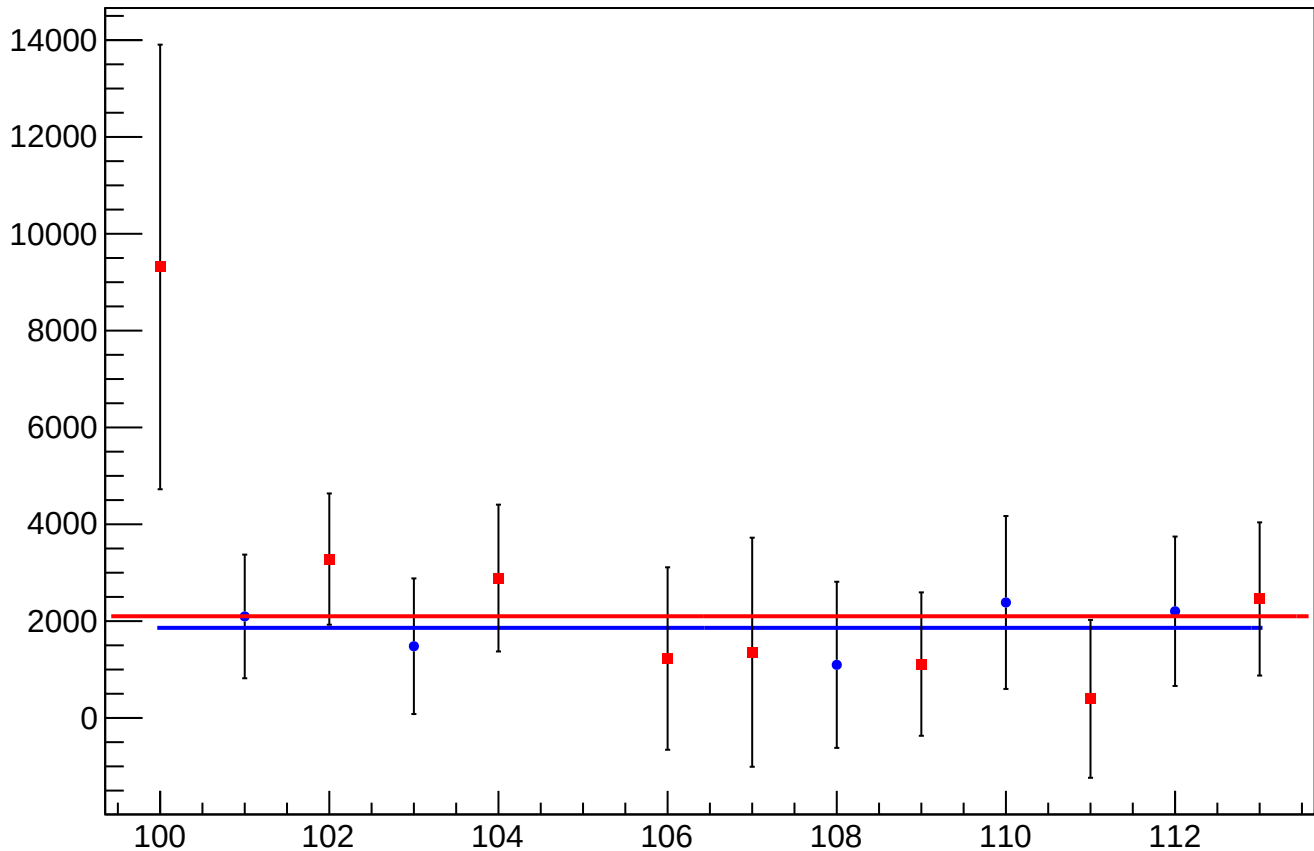
Right: 1236.001+/-0.372 χ^2/NDF : 490981.5/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1236.001+/-0.372 χ^2/NDF : 490981.5/12

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: 2100.658+/-606.477 χ^2/NDF : 5.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

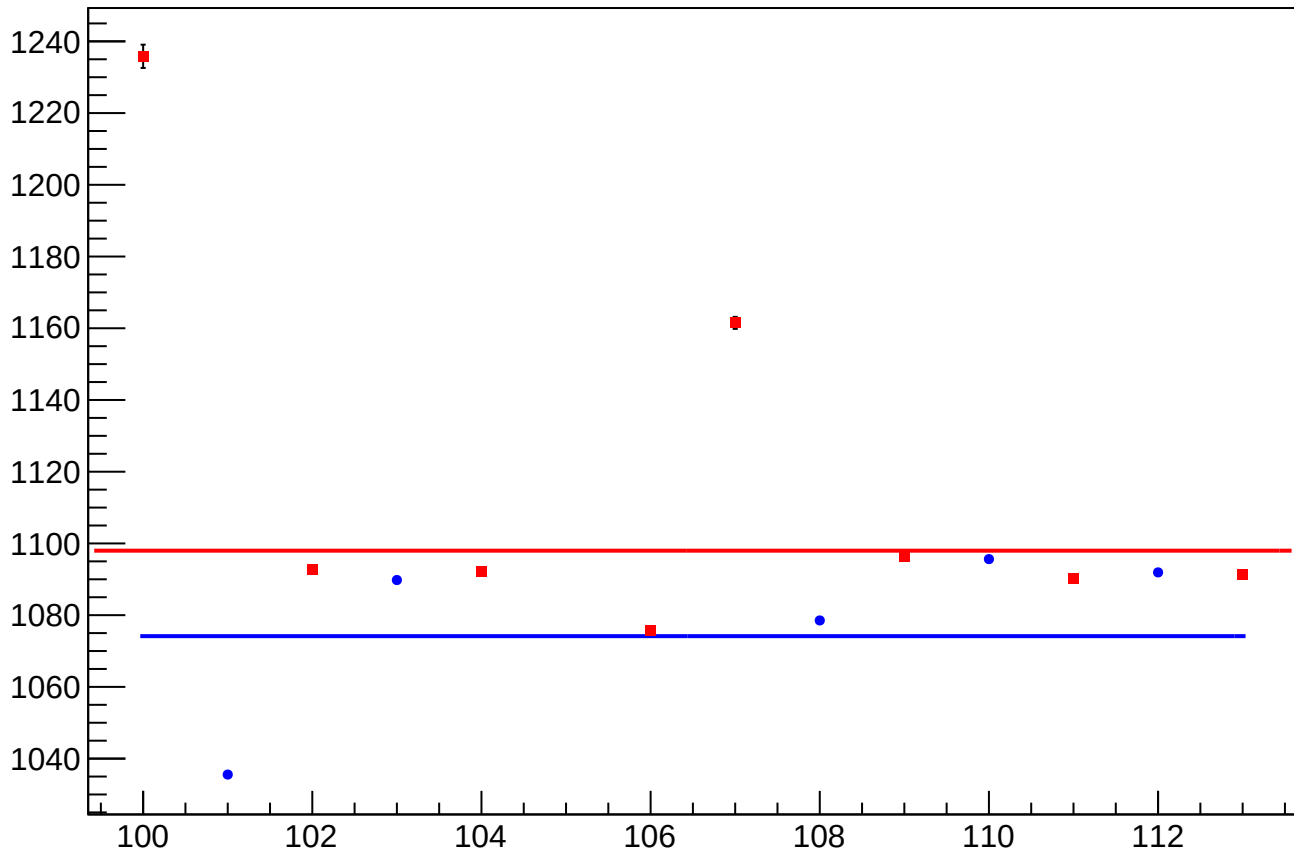
Right: 1993.628+/-451.070 χ^2/NDF : 5.9/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1993.628+/-451.070 χ^2/NDF : 5.9/12

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: 1097.982+/-0.429 χ^2/NDF : 3664.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

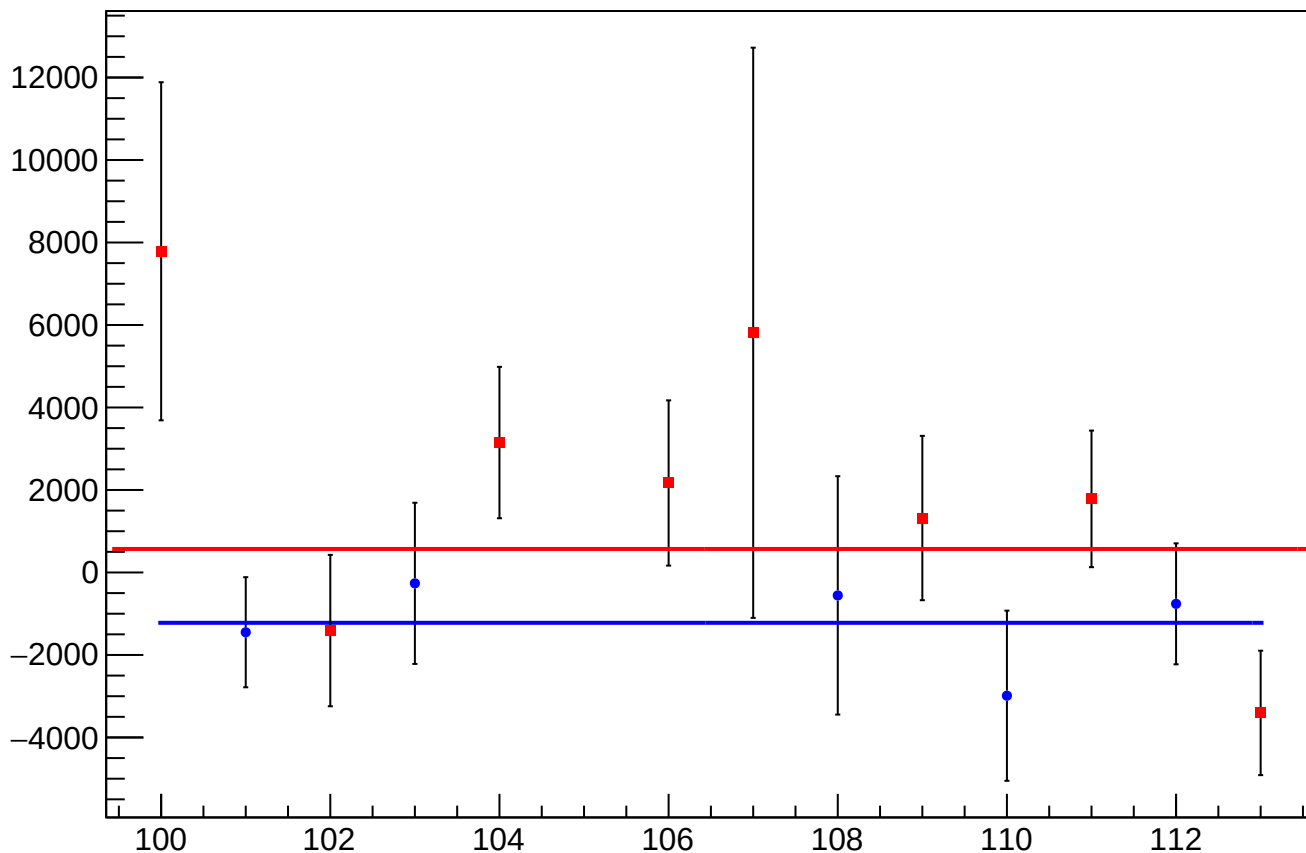
Right: 1087.333+/-0.319 χ^2/NDF : 7689.1/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1087.333+/-0.319 χ^2/NDF : 7689.1/12

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: 570.255+/-710.725 χ^2/NDF : 15.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

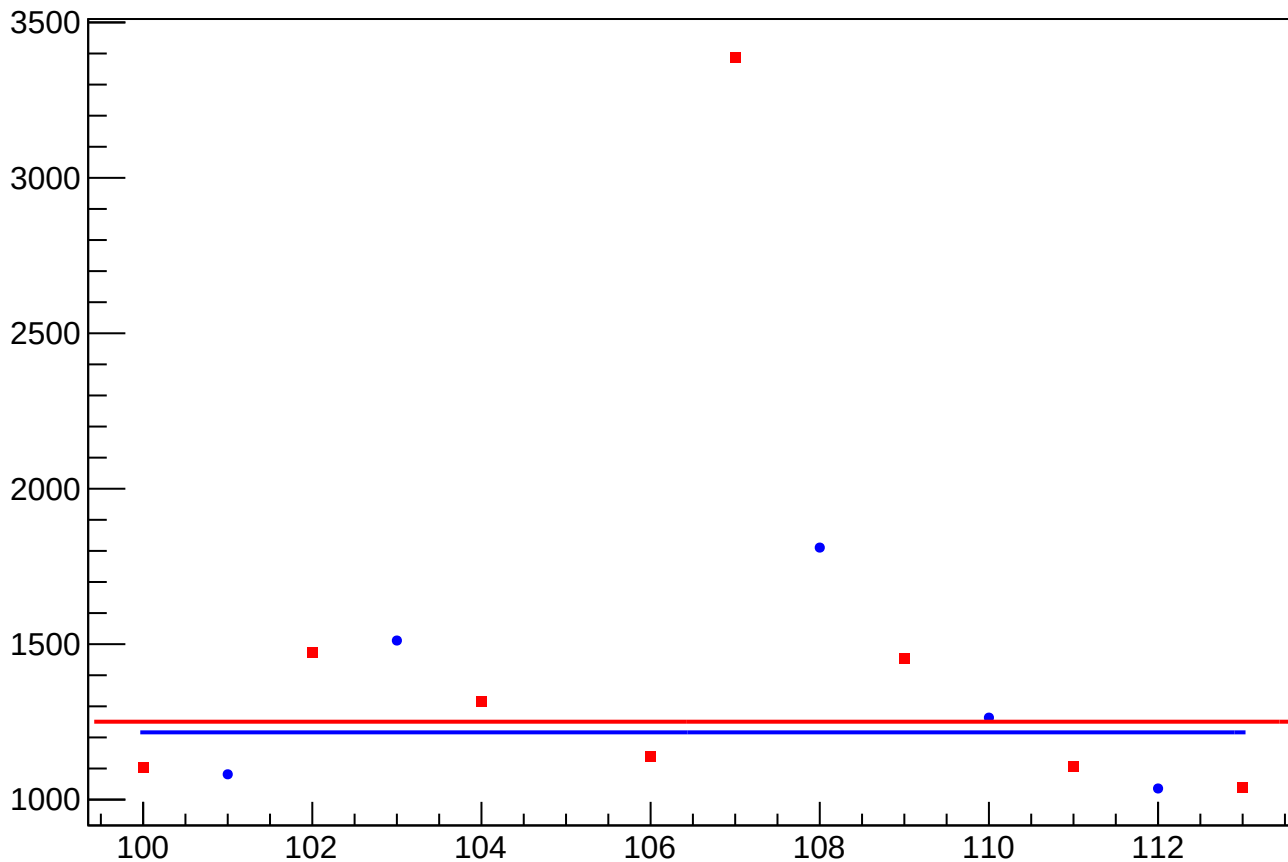
Right: -241.798+/-525.391 χ^2/NDF : 19.1/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -241.798+/-525.391 χ^2/NDF : 19.1/12

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: 1250.581+/-0.503 χ^2/NDF : 307716.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

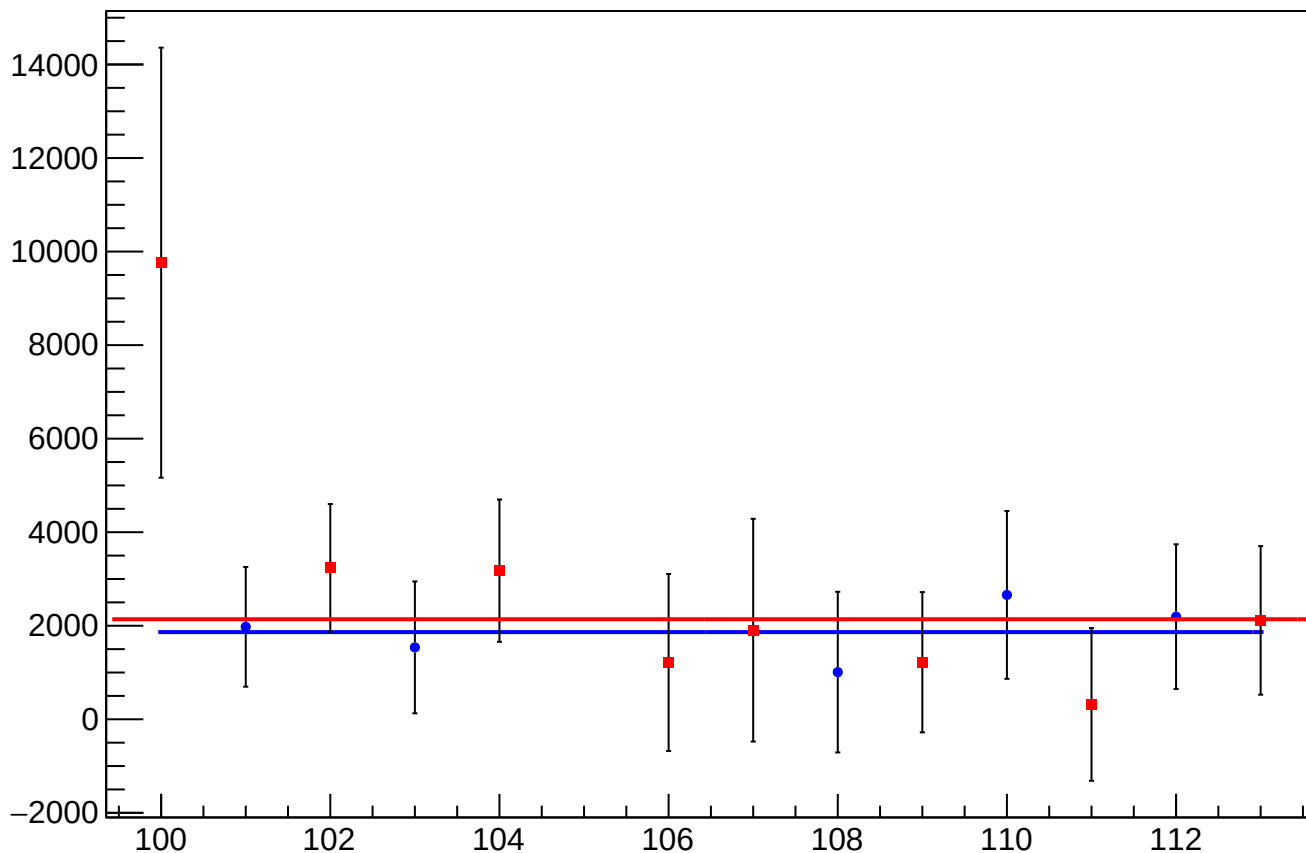
Right: 1235.048+/-0.372 χ^2/NDF : 491945.0/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1235.048+/-0.372 χ^2/NDF : 491945.0/12

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: 2139.243+/-609.749 χ^2/NDF : 5.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

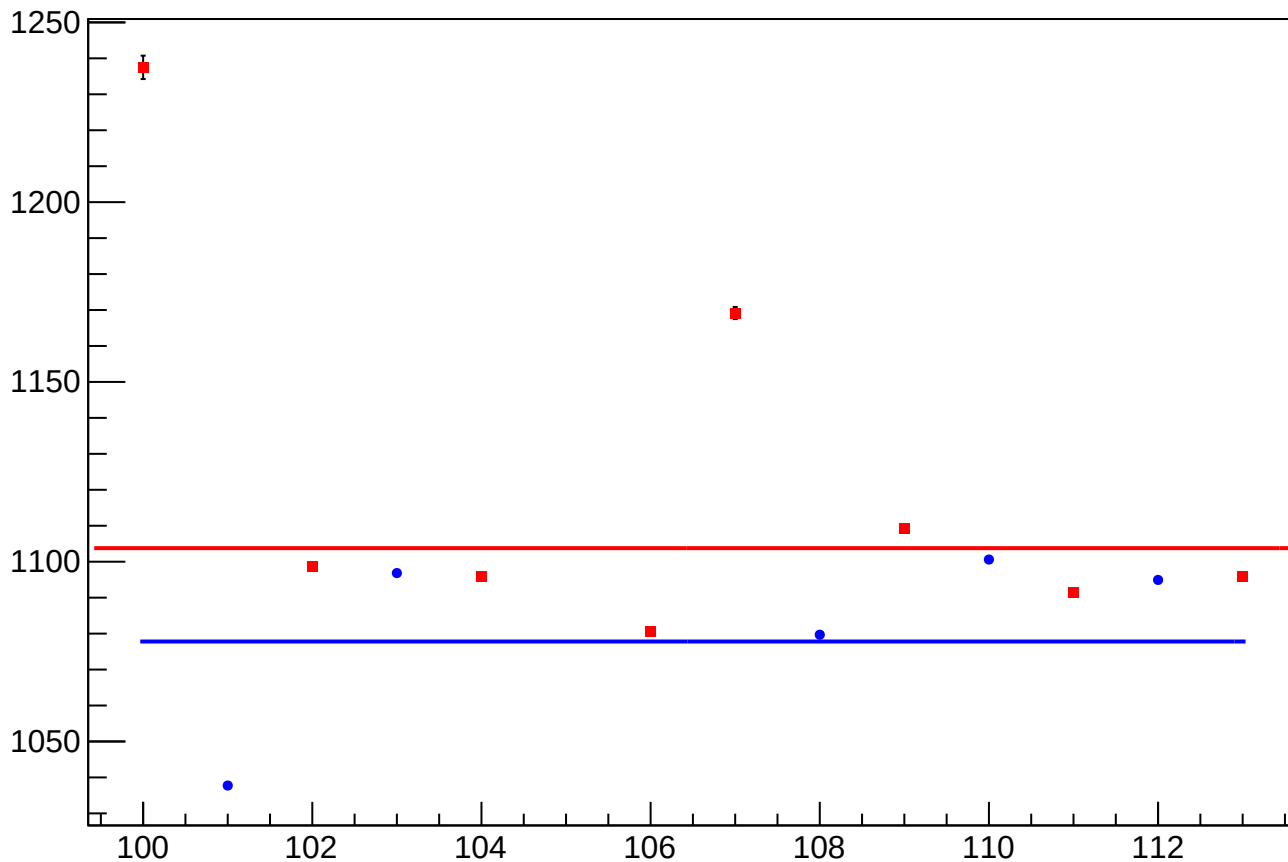
Right: 2015.897+/-453.110 χ^2/NDF : 6.4/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2015.897+/-453.110 χ^2/NDF : 6.4/12

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: 1103.763+/-0.431 χ^2/NDF : 3773.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

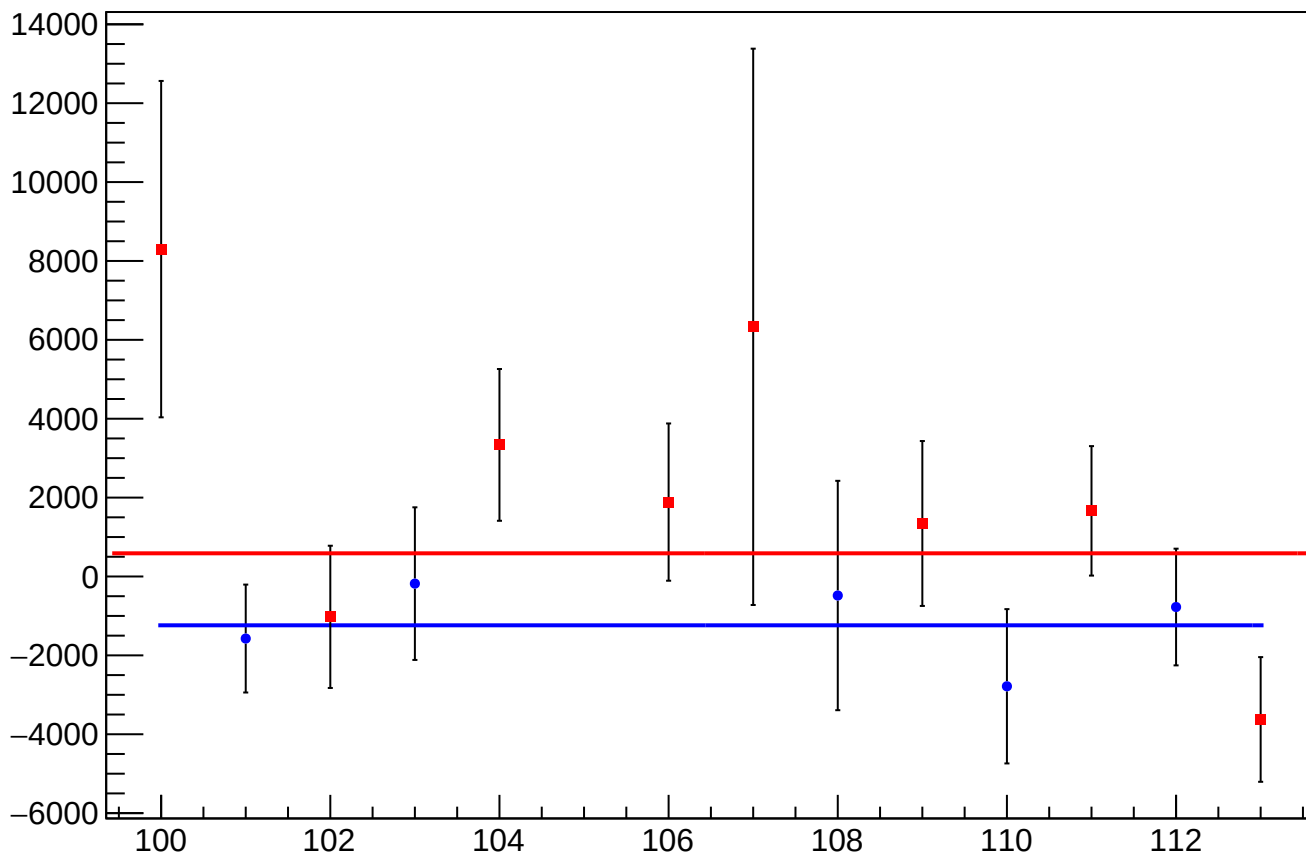
Right: 1092.138+/-0.320 χ^2/NDF : 8291.2/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1092.138+/-0.320 χ^2/NDF : 8291.2/12

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: 587.518+/-724.583 χ^2/NDF : 14.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

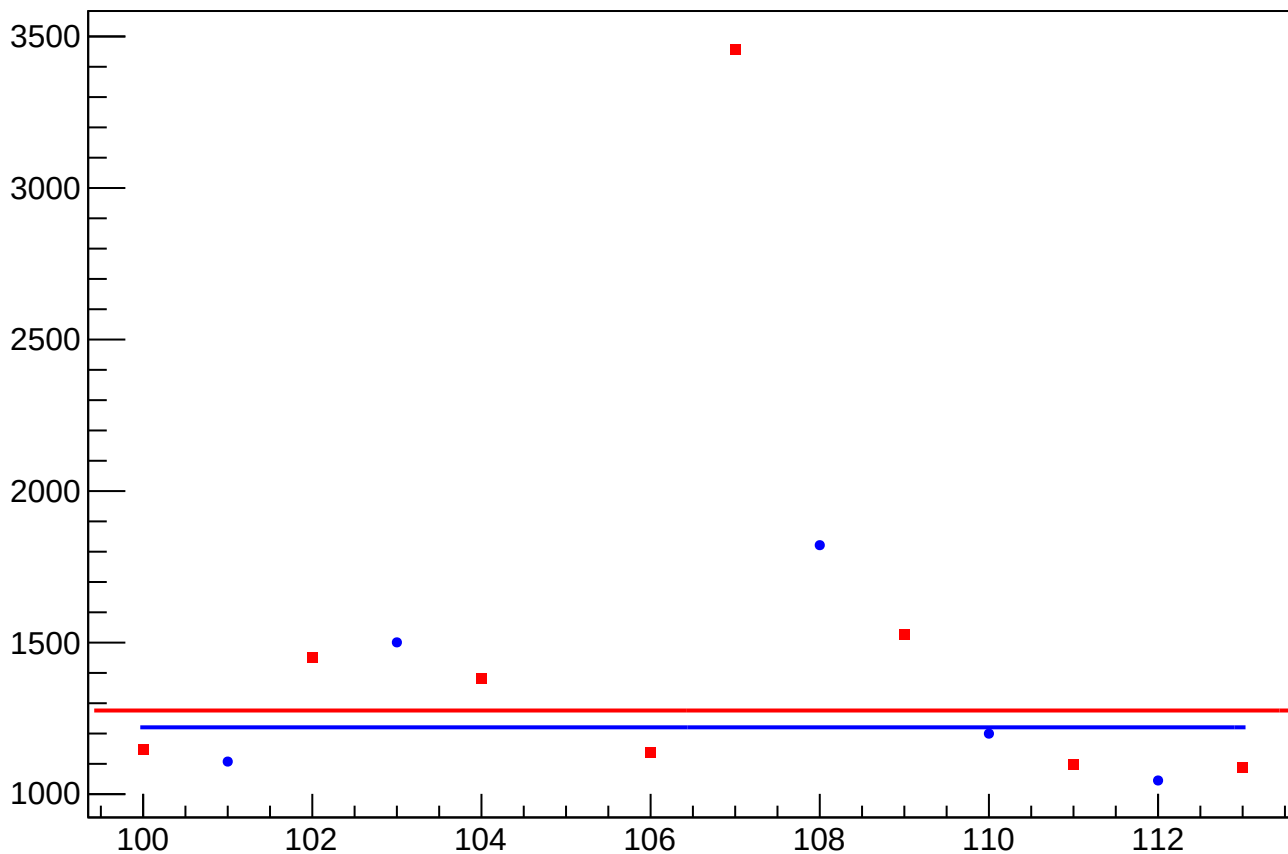
Right: -256.437+/-531.293 χ^2/NDF : 18.9/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -256.437+/-531.293 χ^2/NDF : 18.9/12

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: 1275.993+/-0.512 χ^2/NDF : 308318.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

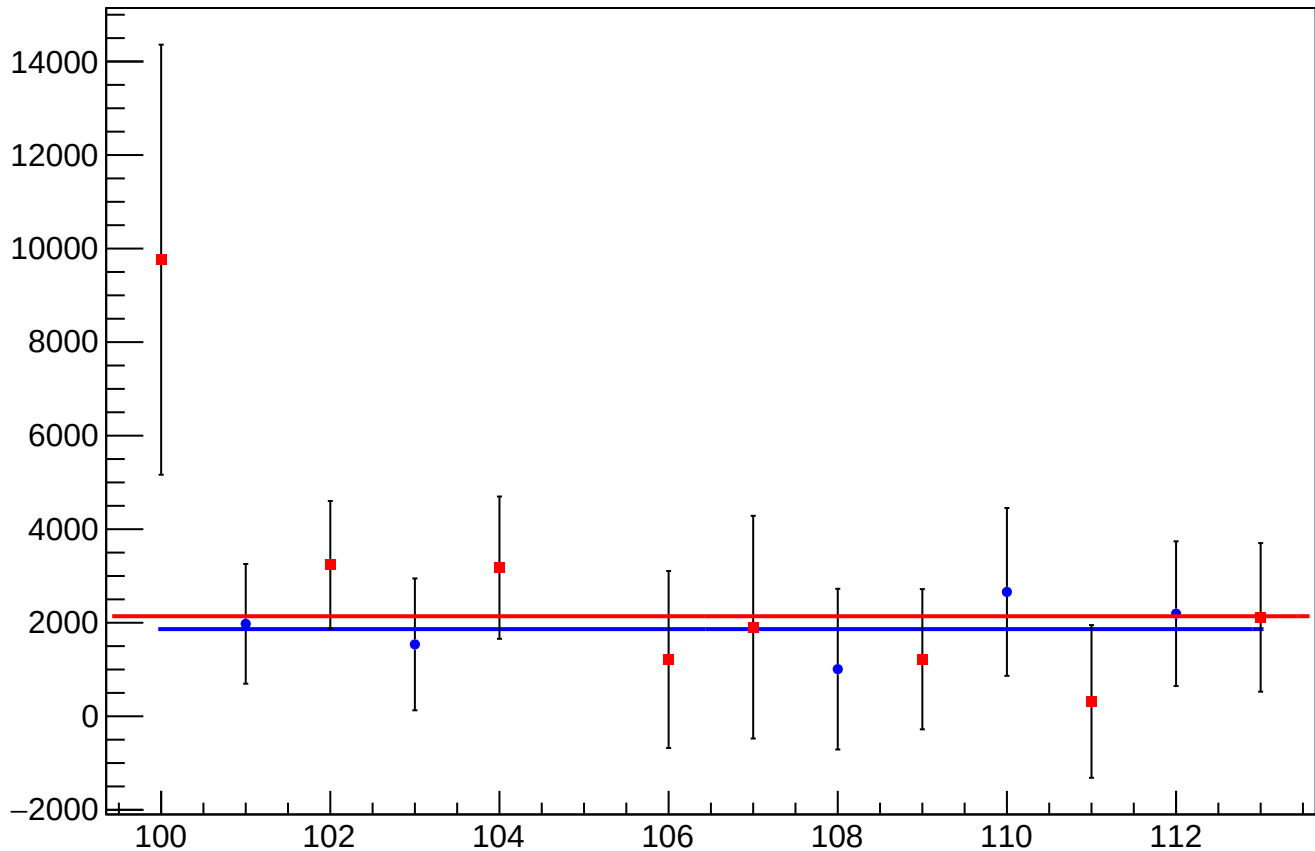
Right: 1250.335+/-0.376 χ^2/NDF : 483158.1/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1250.335+/-0.376 χ^2/NDF : 483158.1/12

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: 2139.240+/-609.749 χ^2/NDF : 5.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

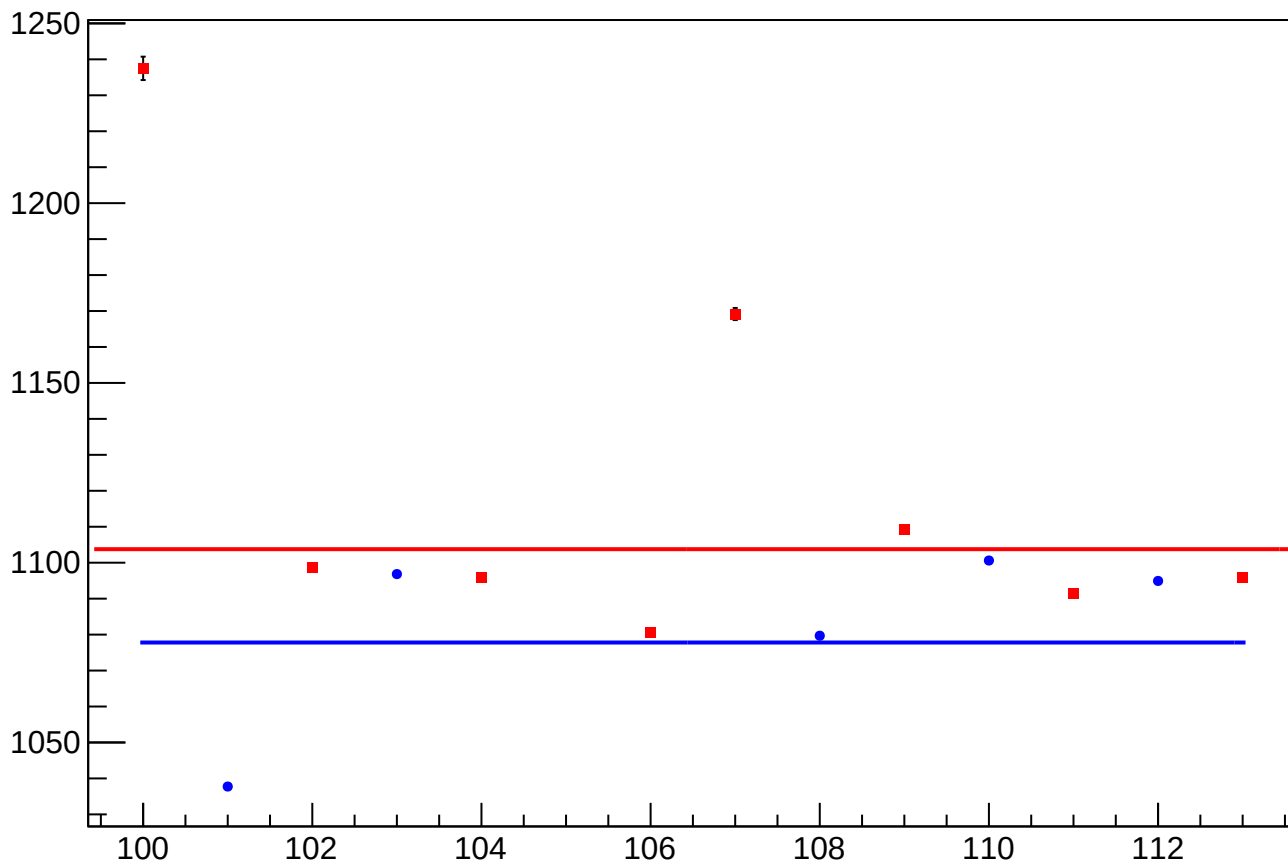
Right: 2015.896+/-453.110 χ^2/NDF : 6.4/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2015.896+/-453.110 χ^2/NDF : 6.4/12

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: 1103.763+/-0.431 χ^2/NDF : 3772.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

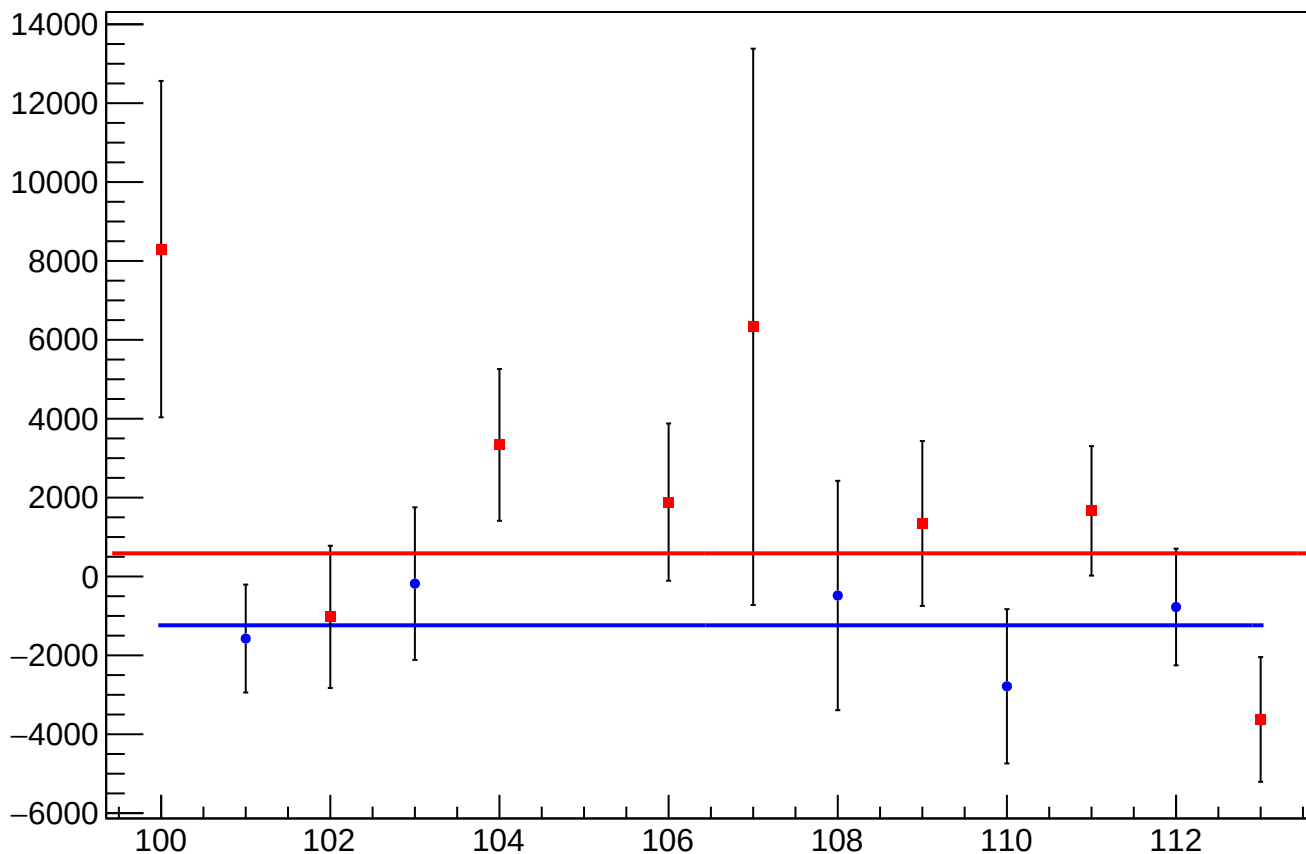
Right: 1092.137+/-0.320 χ^2/NDF : 8291.1/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1092.137+/-0.320 χ^2/NDF : 8291.1/12

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: 587.518+/-724.582 χ^2/NDF : 14.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

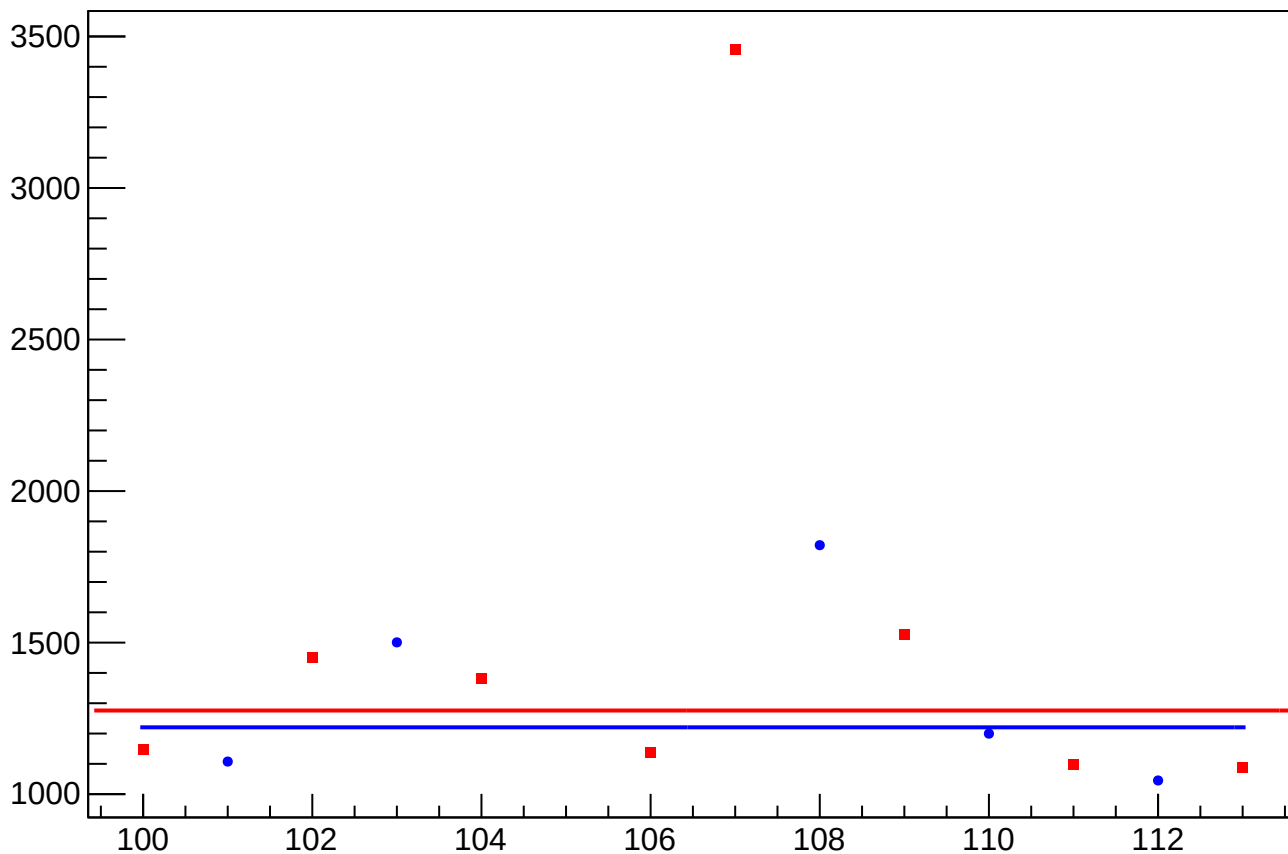
Right: -256.436+/-531.292 χ^2/NDF : 18.9/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -256.436+/-531.292 χ^2/NDF : 18.9/12

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: 1275.992+/-0.512 χ^2/NDF : 308315.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

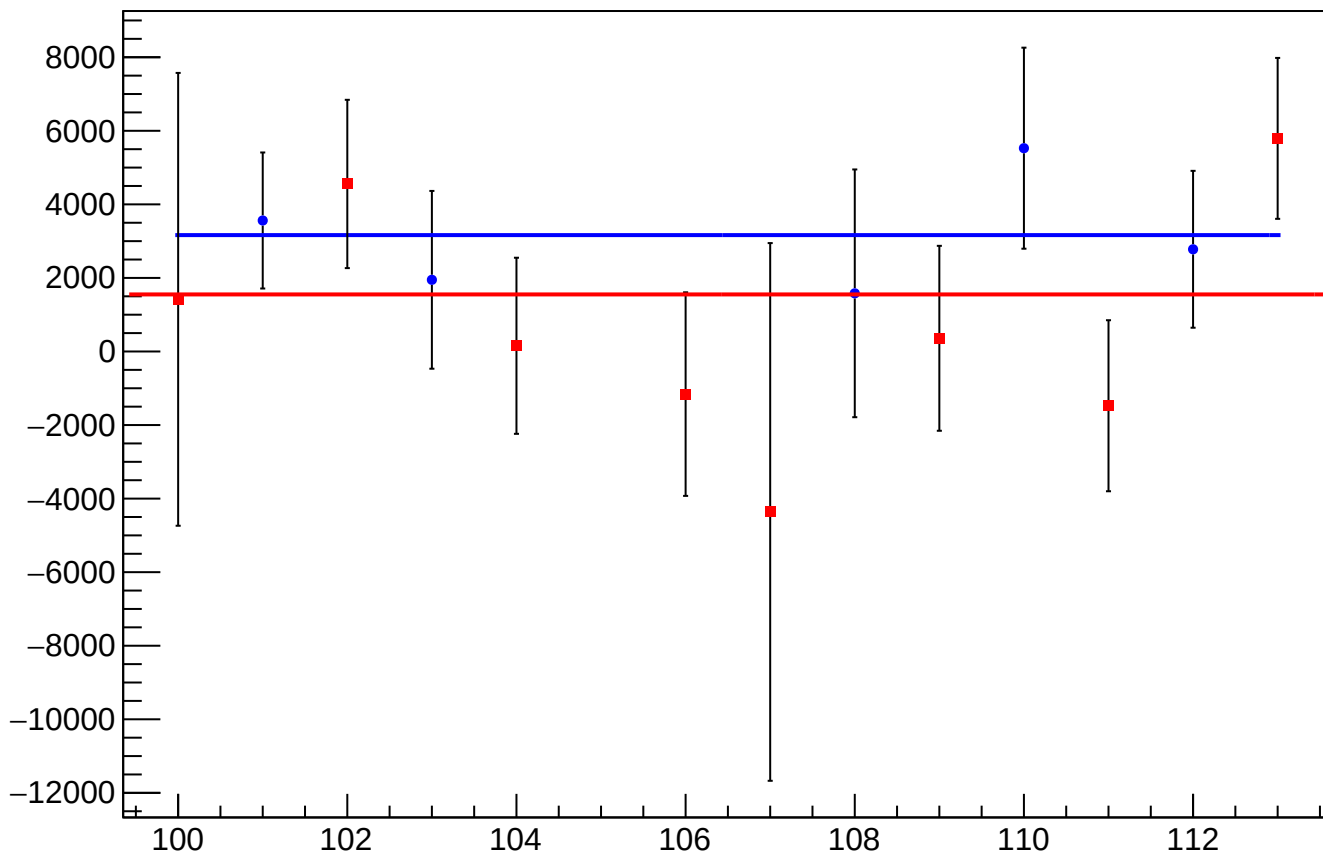
Right: 1250.334+/-0.376 χ^2/NDF : 483154.5/12

In: 1220.499+/-0.552 χ^2/NDF : 169414.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1250.334+/-0.376 χ^2/NDF : 483154.5/12

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: 1551.333+/-956.354 χ^2/NDF : 9.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

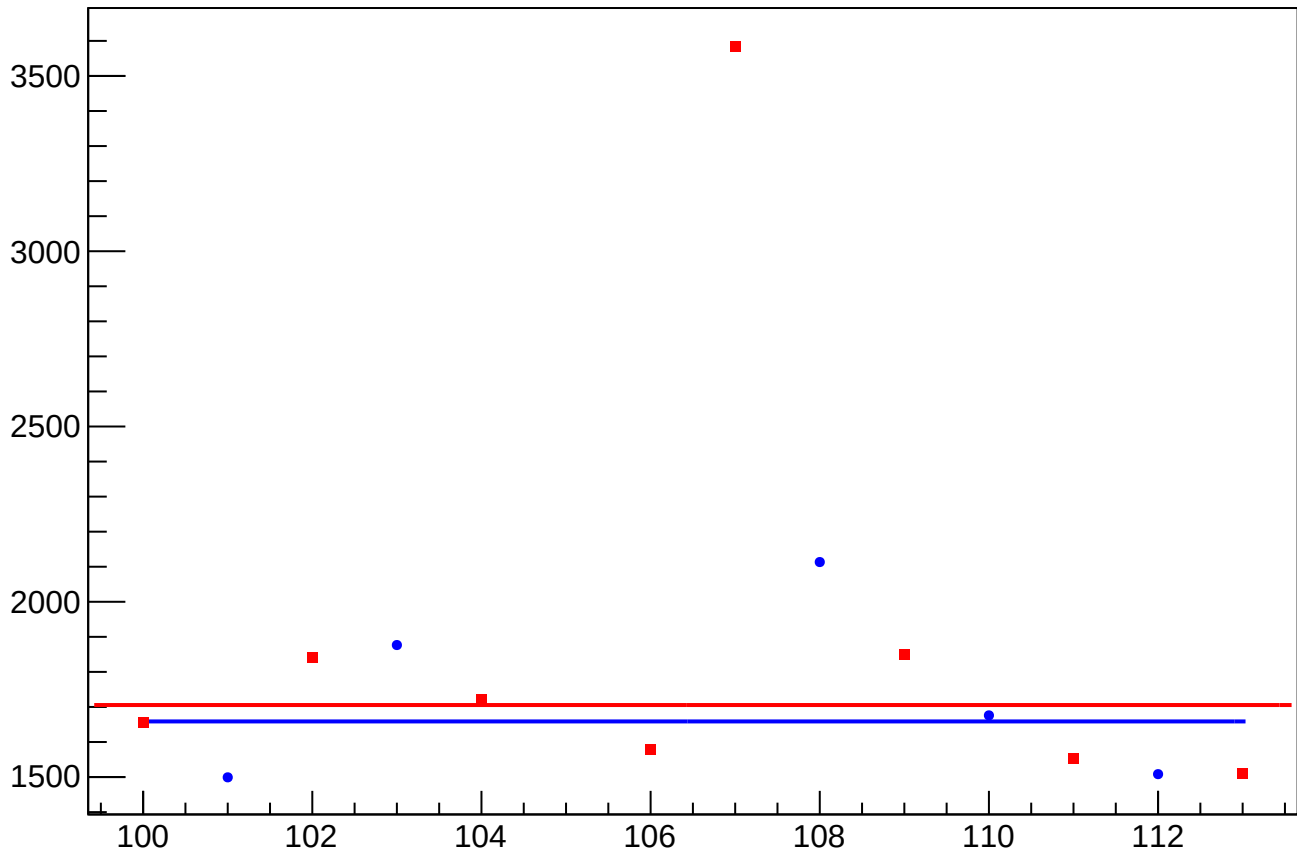
Right: 2282.016+/-707.299 χ^2/NDF : 11.9/12

In: 3164.235+/-1050.854 χ^2/NDF : 1.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2282.016+/-707.299 χ^2/NDF : 11.9/12

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: 1705.481+/-0.676 χ^2/NDF : 174846.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

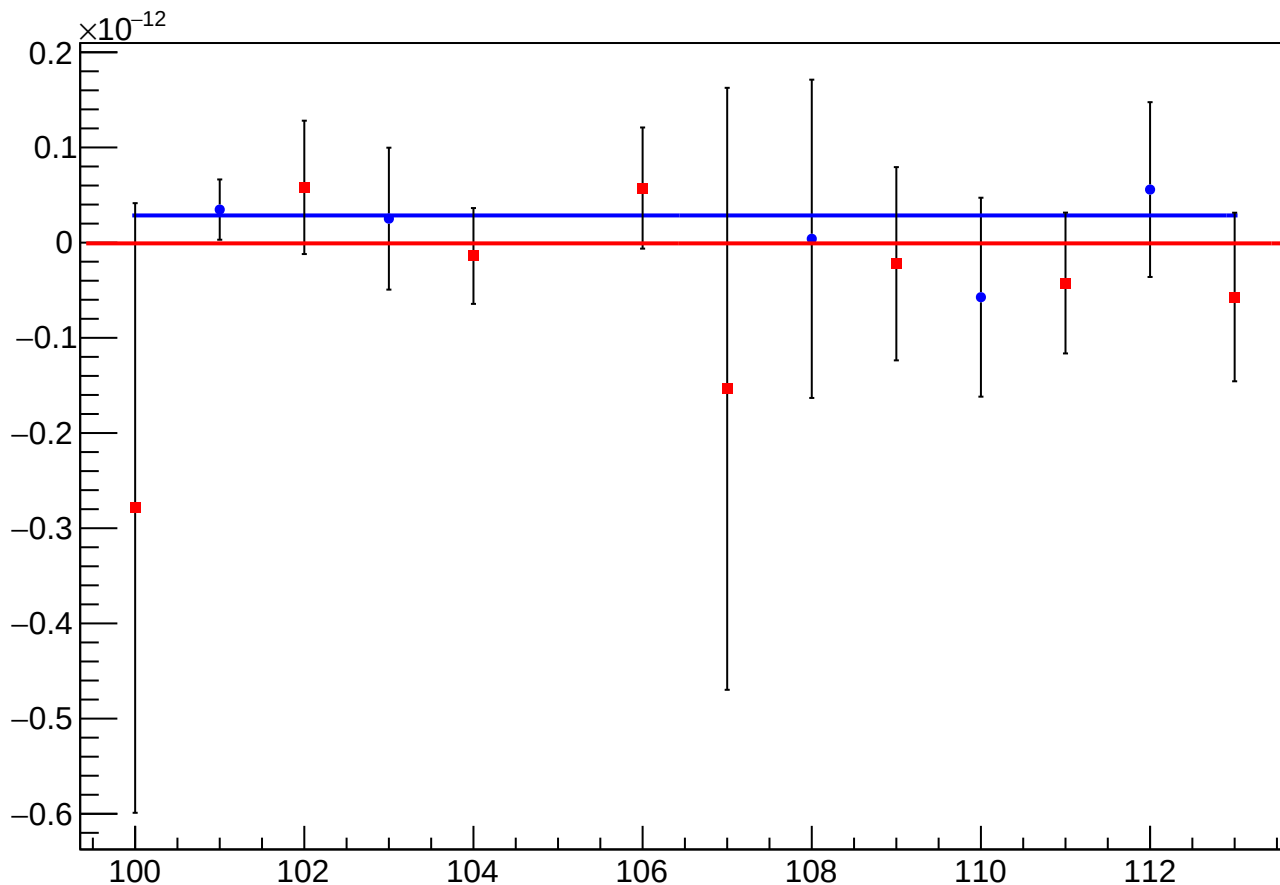
Right: 1684.291+/-0.500 χ^2/NDF : 254619.5/12

In: 1658.707+/-0.743 χ^2/NDF : 77606.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1684.291+/-0.500 χ^2/NDF : 254619.5/12

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 : 3.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

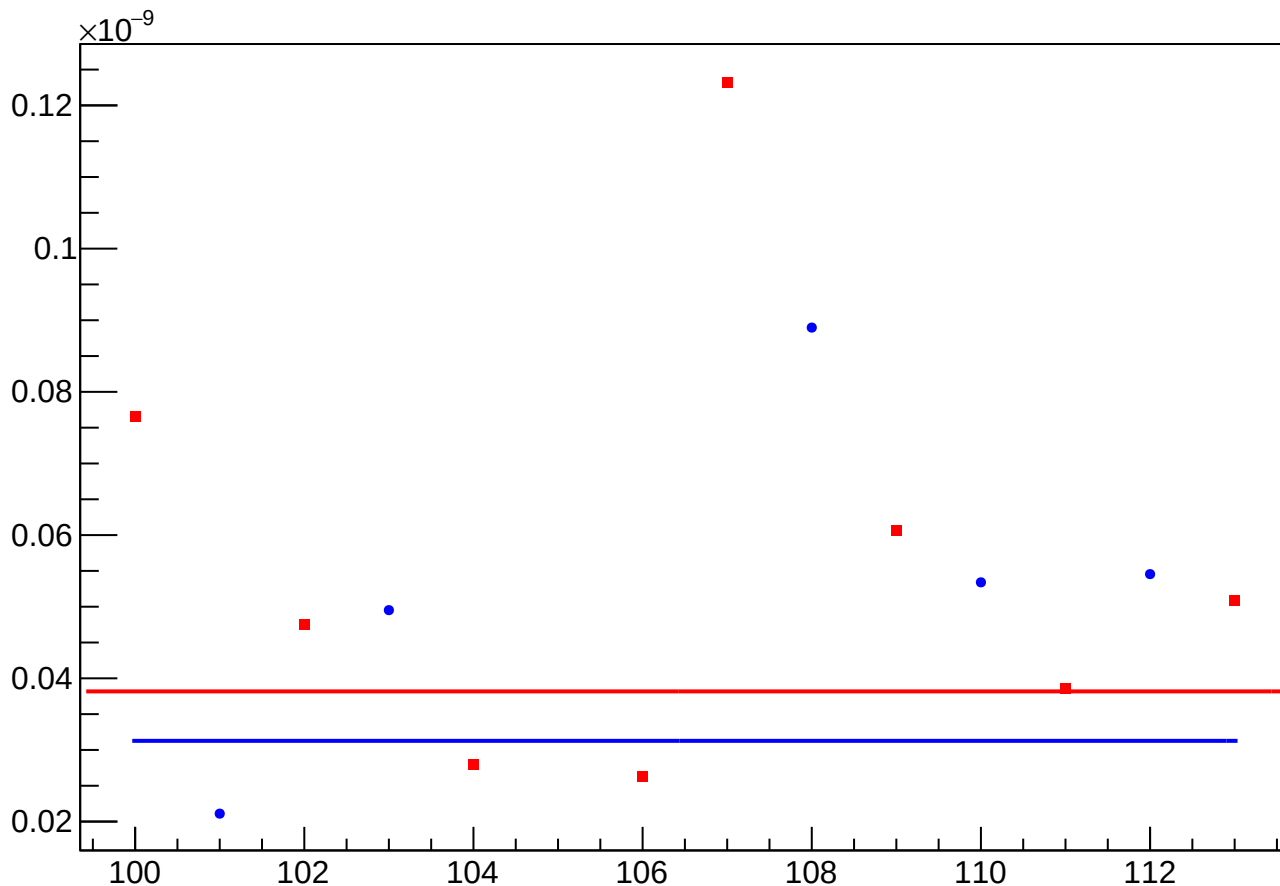
Right: 0.000+/-0.000 χ^2/NDF : 4.8/12

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 : 4.8/12

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 : 501153.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

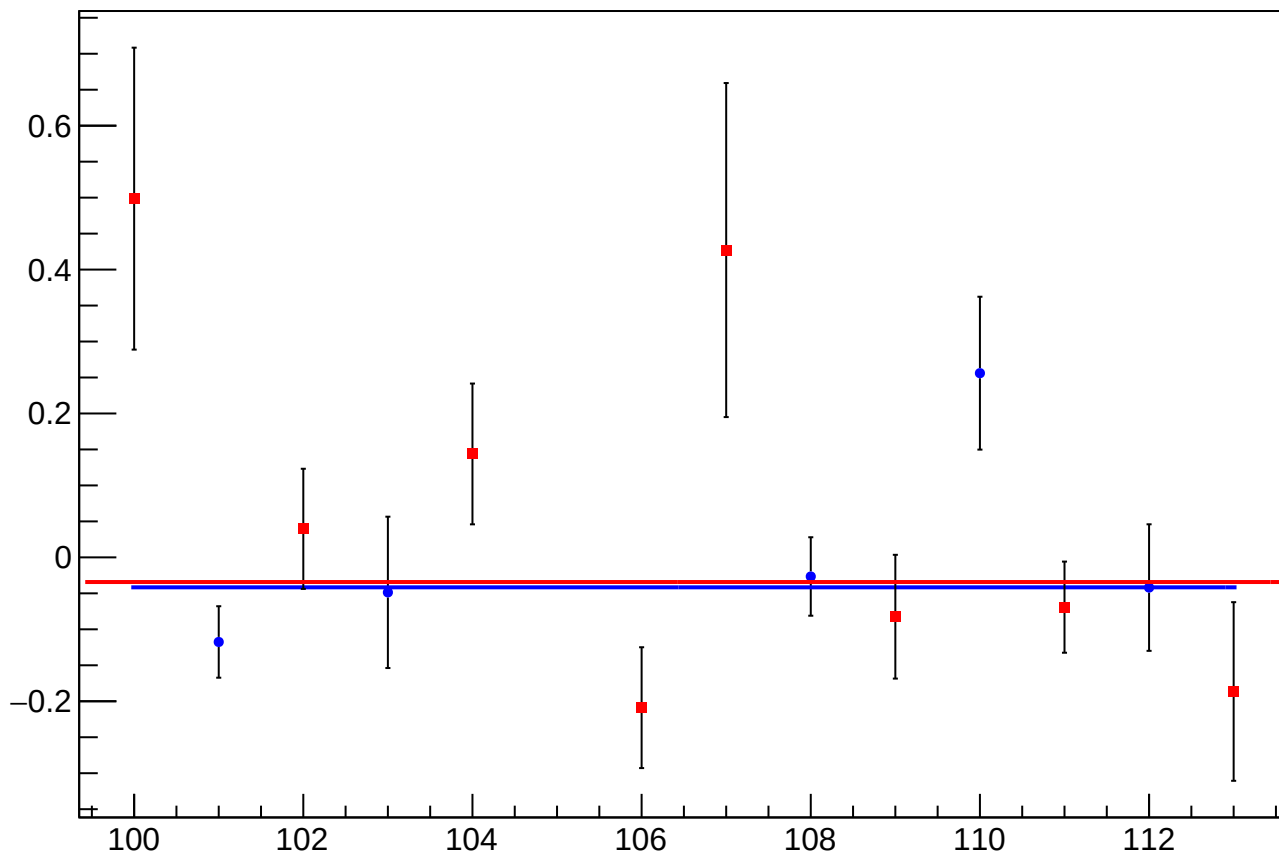
Right: 0.000+/-0.000 χ^2/NDF : 1347779.0/12

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 : 1347779.0/12

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: -0.034 $\pm$ 0.034 χ^2 /NDF: 20.9/7

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

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

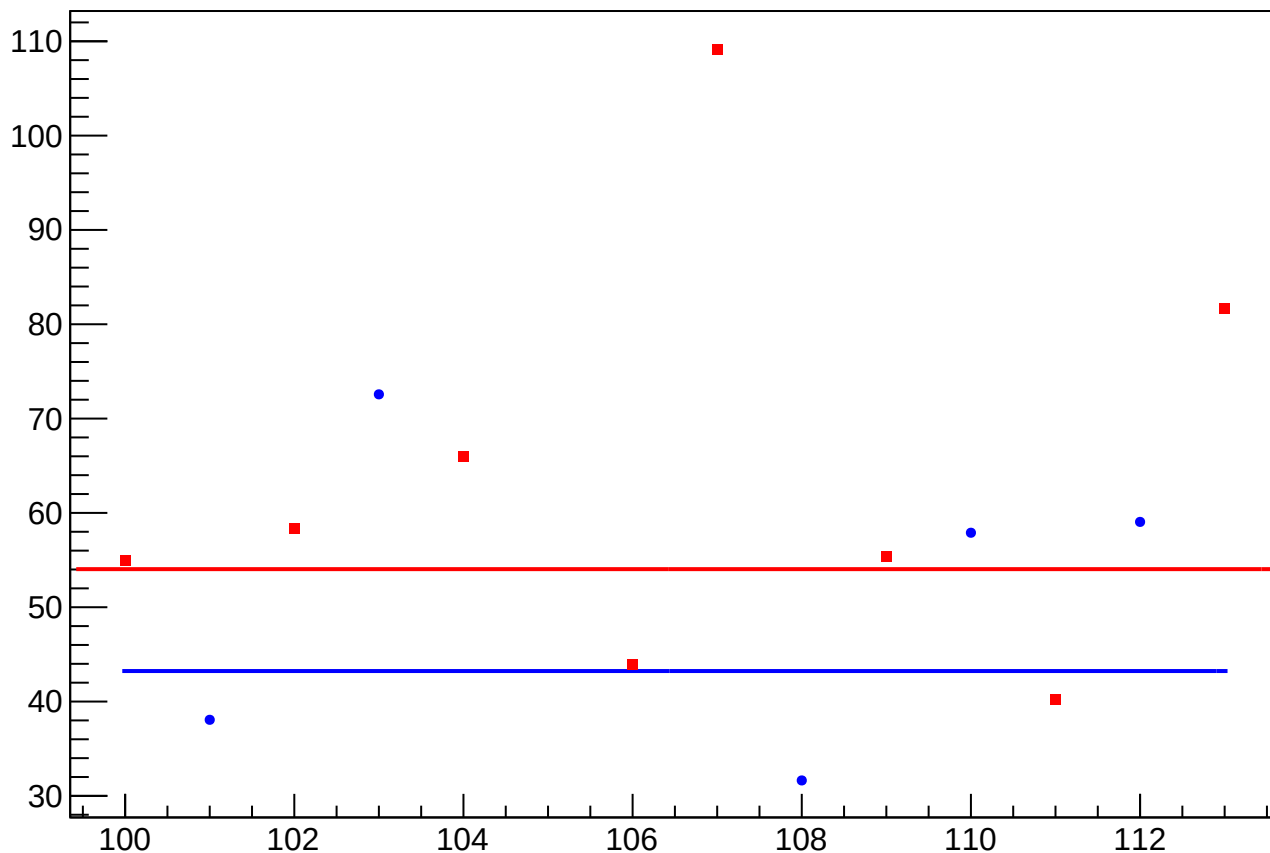
Right: -0.038 $\pm$ 0.023 χ^2 /NDF: 31.2/12

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: -0.038 $\pm$ 0.023 χ^2 /NDF: 31.2/12

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: 54.038+/-0.024 χ^2/NDF : 372356.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

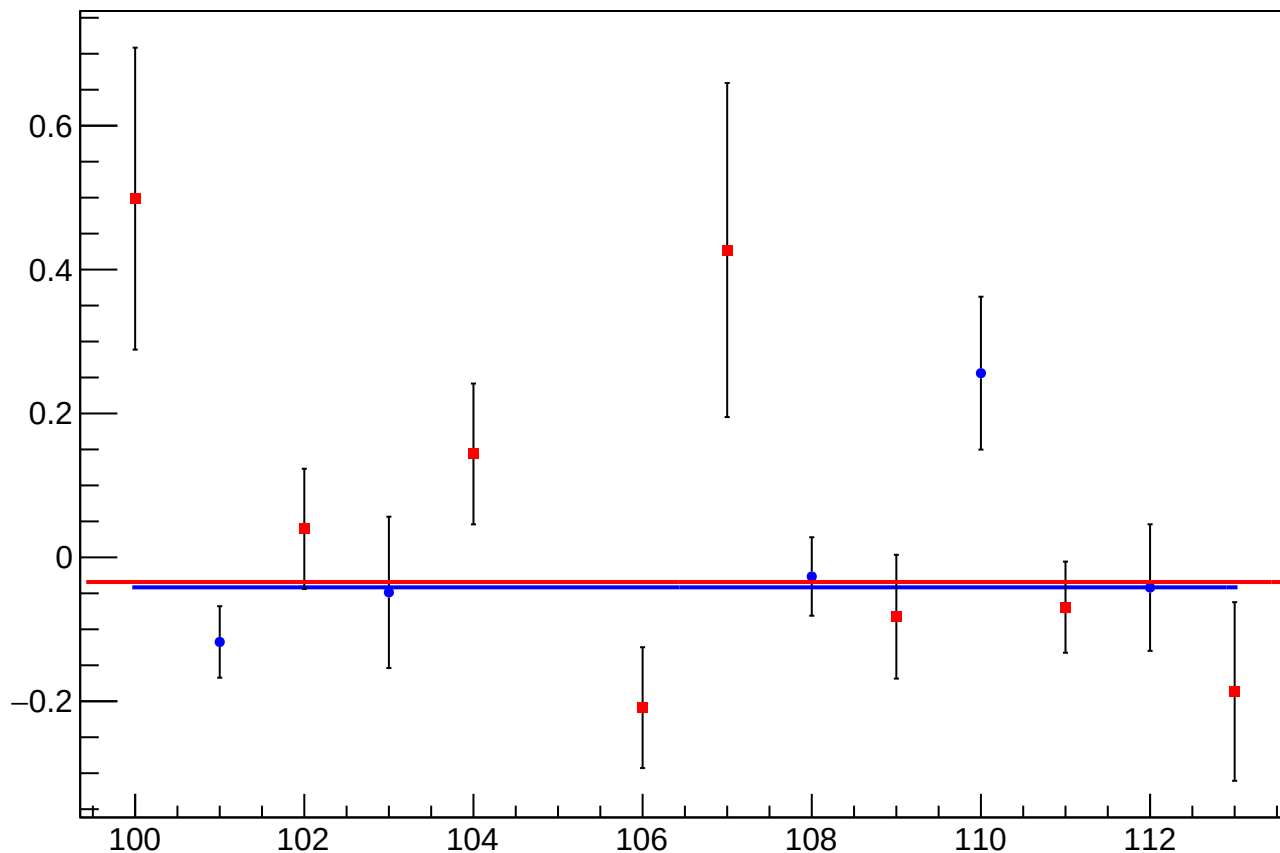
Right: 48.162+/-0.016 χ^2/NDF : 854518.4/12

In: 43.235+/-0.022 χ^2/NDF : 370422.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.162+/-0.016 χ^2/NDF : 854518.4/12

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: -0.034 $\pm$ 0.034 χ^2 /NDF: 20.9/7

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

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

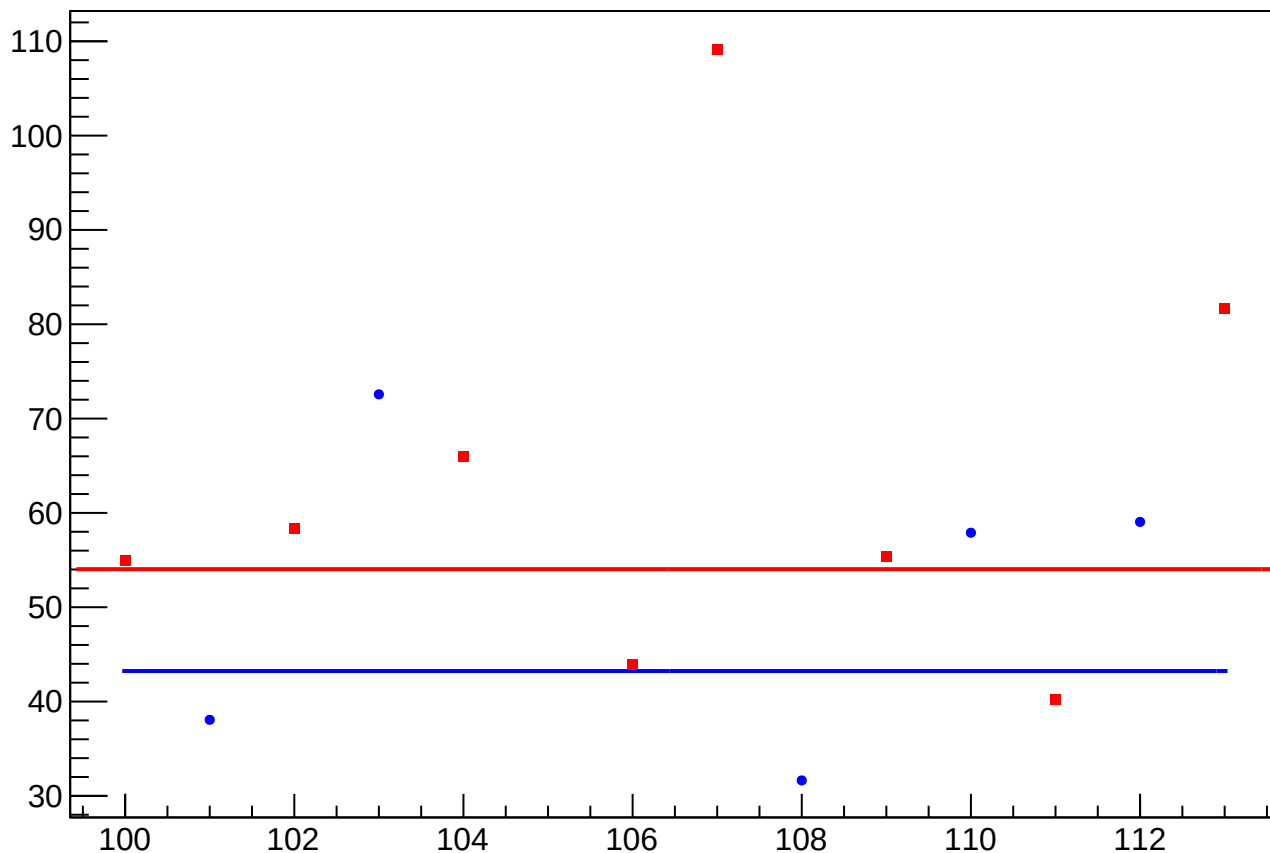
Right: -0.038 $\pm$ 0.023 χ^2 /NDF: 31.2/12

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: -0.038 $\pm$ 0.023 χ^2 /NDF: 31.2/12

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: 54.038+/-0.024 χ^2/NDF : 372356.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

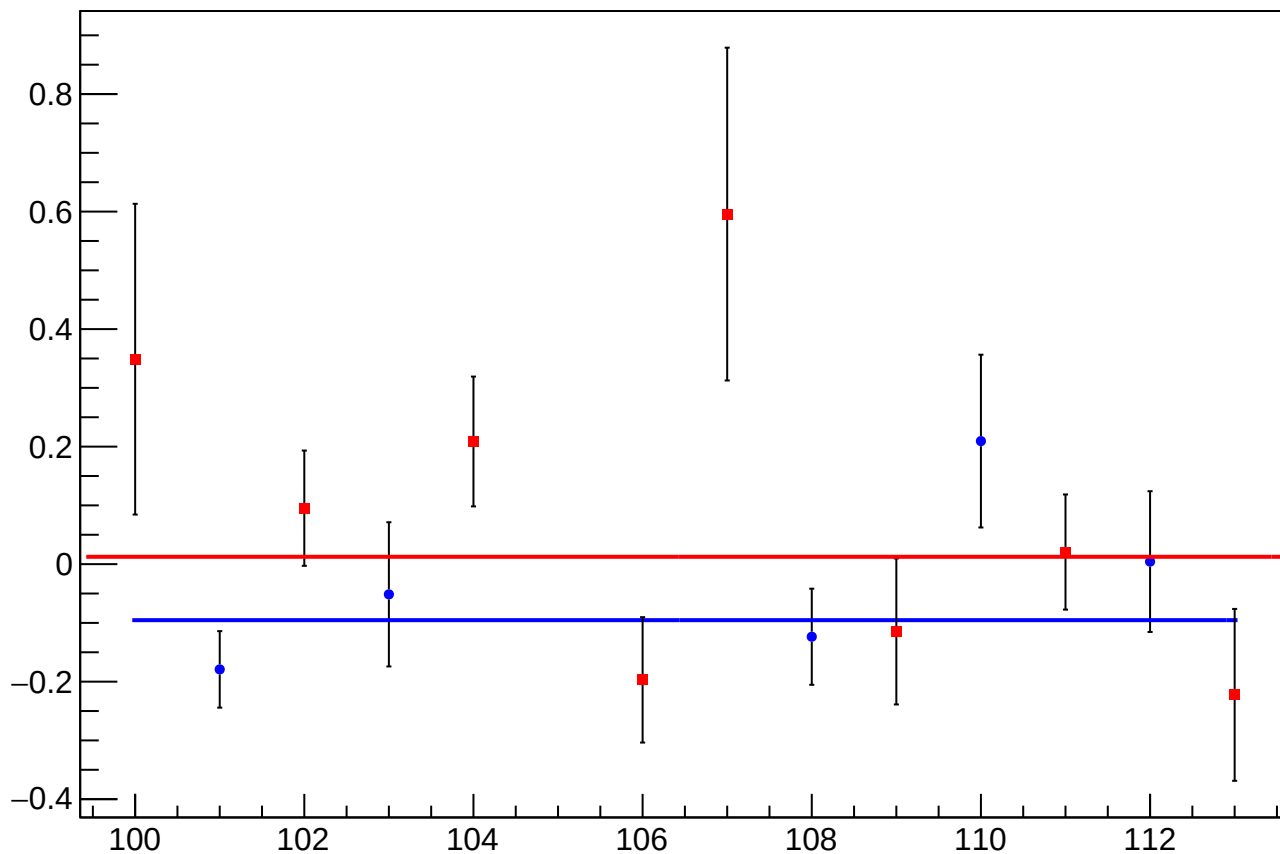
Right: 48.162+/-0.016 χ^2/NDF : 854518.4/12

In: 43.235+/-0.022 χ^2/NDF : 370422.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.162+/-0.016 χ^2/NDF : 854518.4/12

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: 0.013 ± 0.044 χ^2/NDF : 17.2/7

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

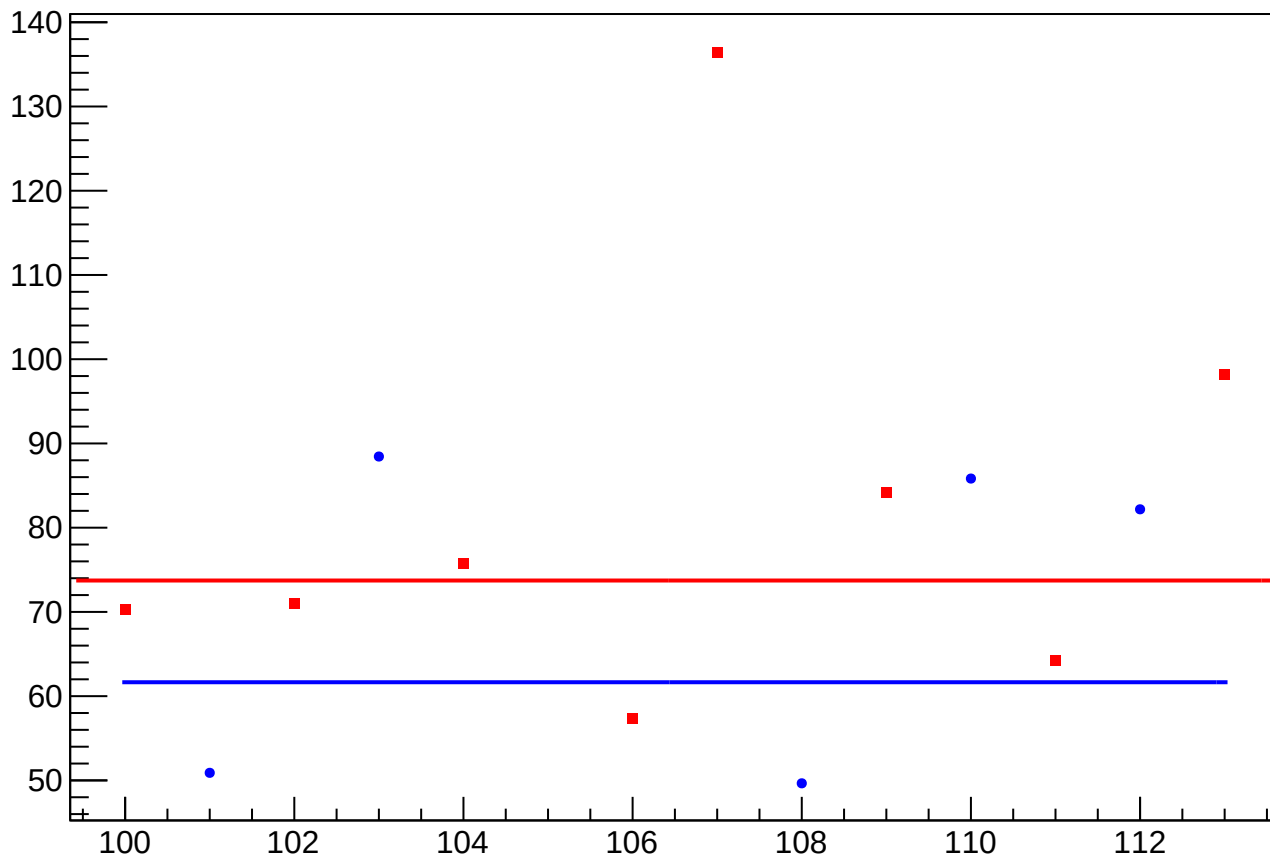
Right: -0.044 ± 0.030 χ^2/NDF : 27.3/12

In: -0.095 ± 0.042 χ^2/NDF : 6.9/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.044 ± 0.030 χ^2/NDF : 27.3/12

asym_usl_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.652+/-0.030 χ^2/NDF : 305793.9/4

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

Right Out: 73.729+/-0.031 χ^2/NDF : 236616.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

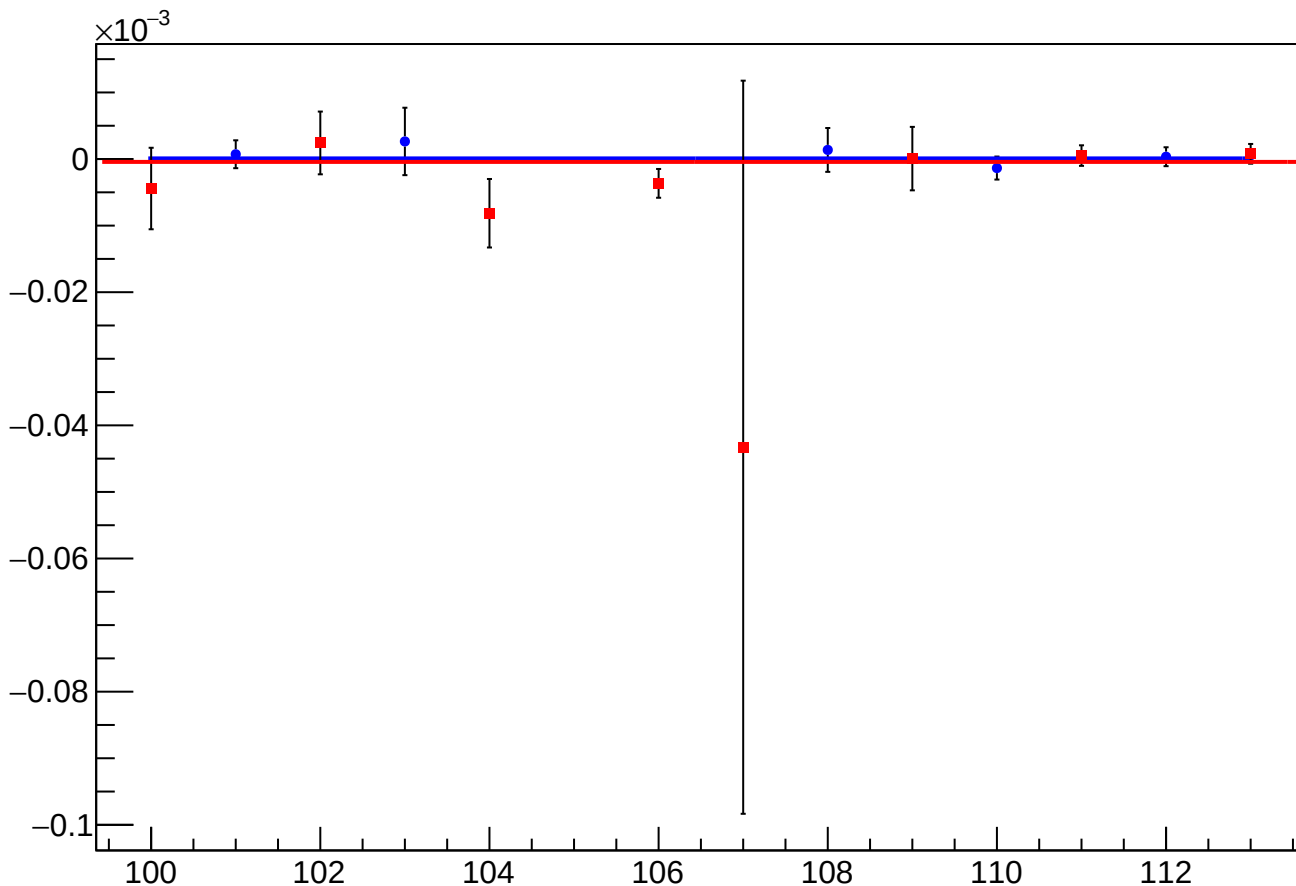
Right: 67.403+/-0.021 χ^2/NDF : 621262.0/12

In: 61.652+/-0.030 χ^2/NDF : 305793.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.403+/-0.021 χ^2/NDF : 621262.0/12

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 : 6.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

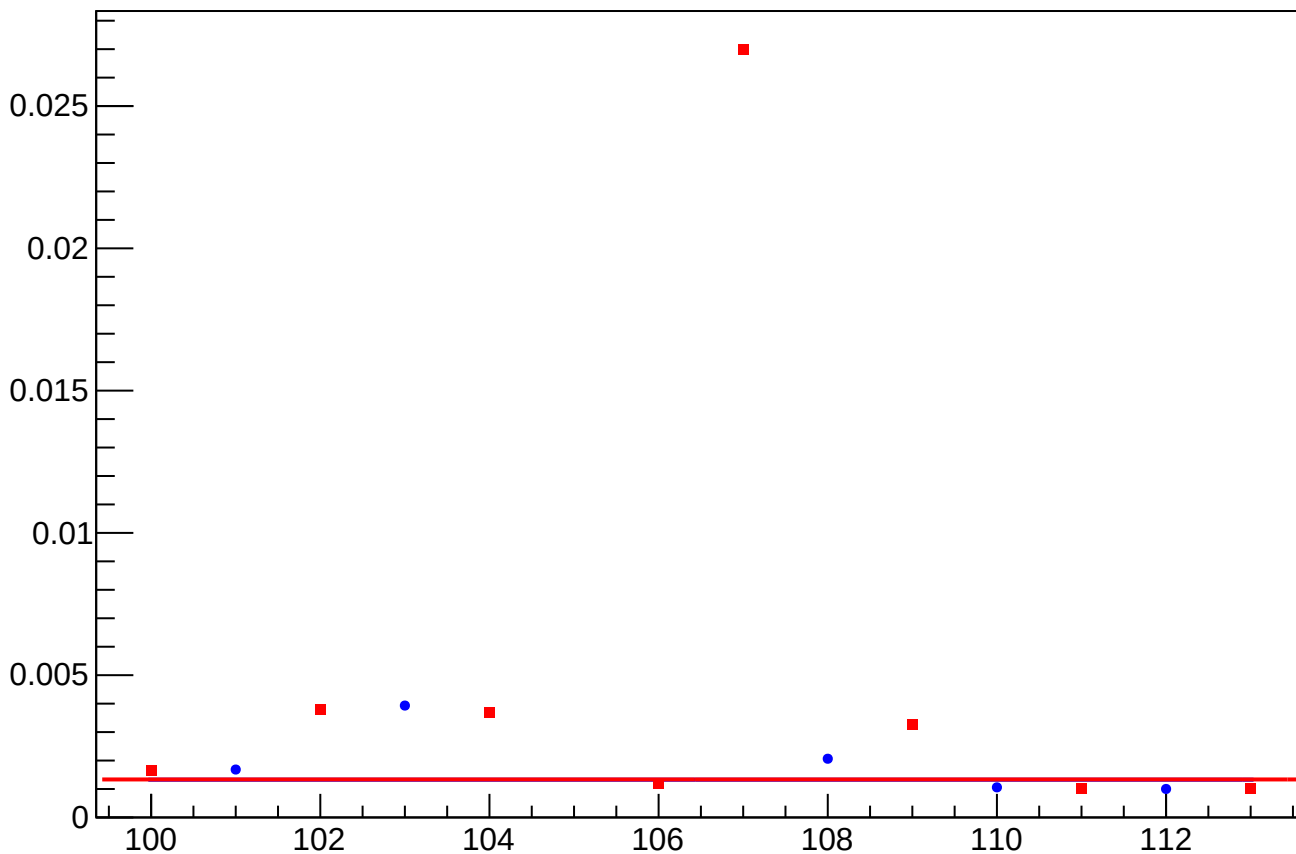
Right: -0.000+/-0.000 χ^2/NDF : 8.3/12

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 : 8.3/12

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: 0.001+/-0.000 χ^2/NDF : 1906975.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

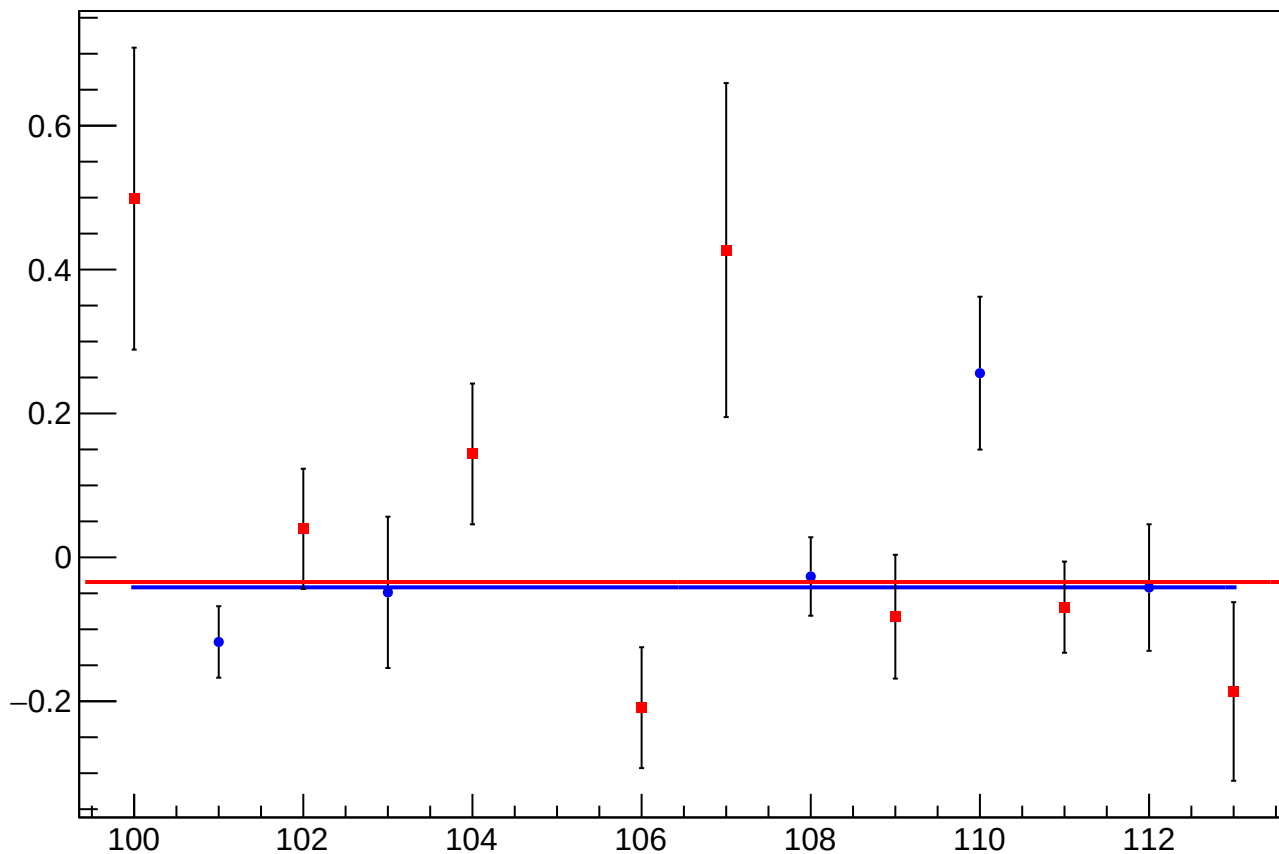
Right: 0.001+/-0.000 χ^2/NDF : 2748560.5/12

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 : 2748560.5/12

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: -0.034 $\pm$ 0.034 χ^2 /NDF: 20.9/7

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

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

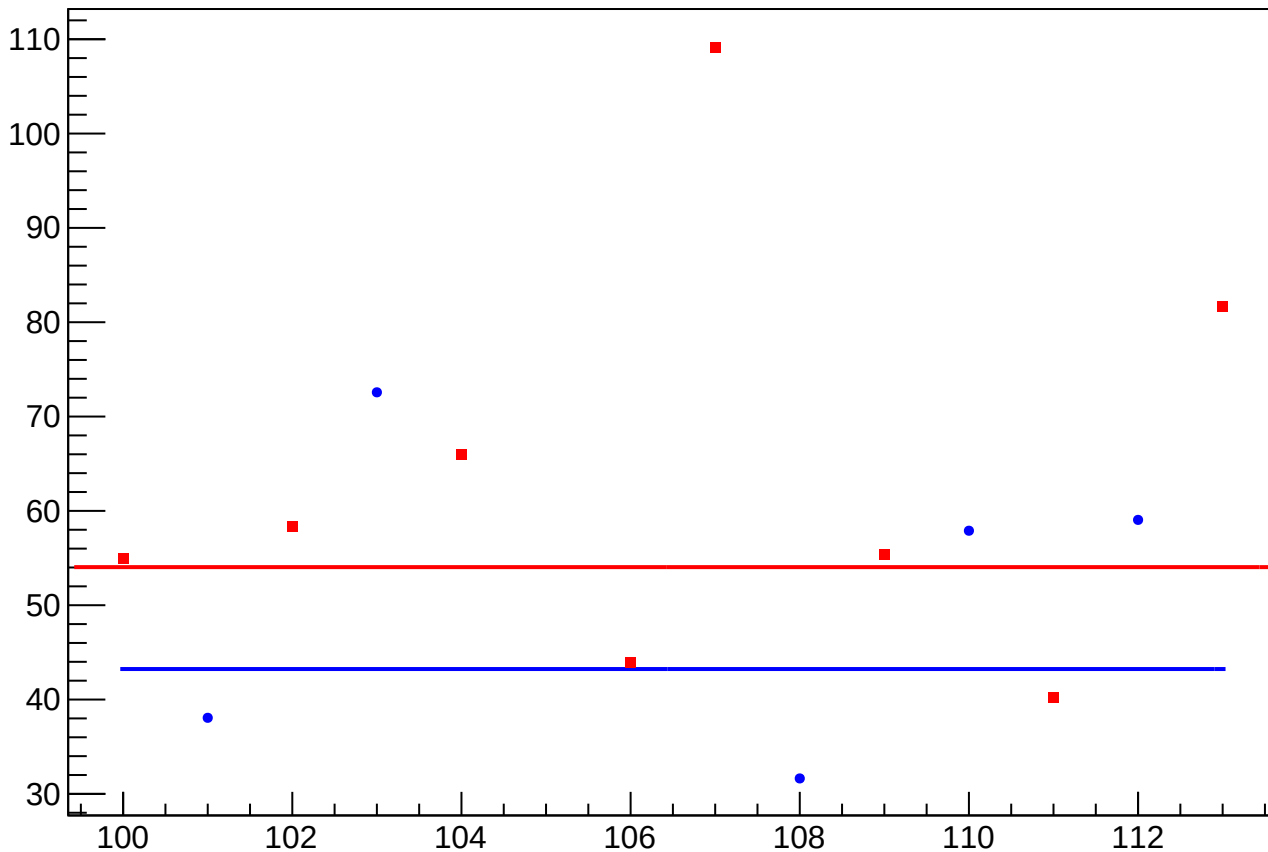
Right: -0.038 $\pm$ 0.023 χ^2 /NDF: 31.2/12

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: -0.038 $\pm$ 0.023 χ^2 /NDF: 31.2/12

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: 54.038+/-0.024 χ^2/NDF : 372339.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

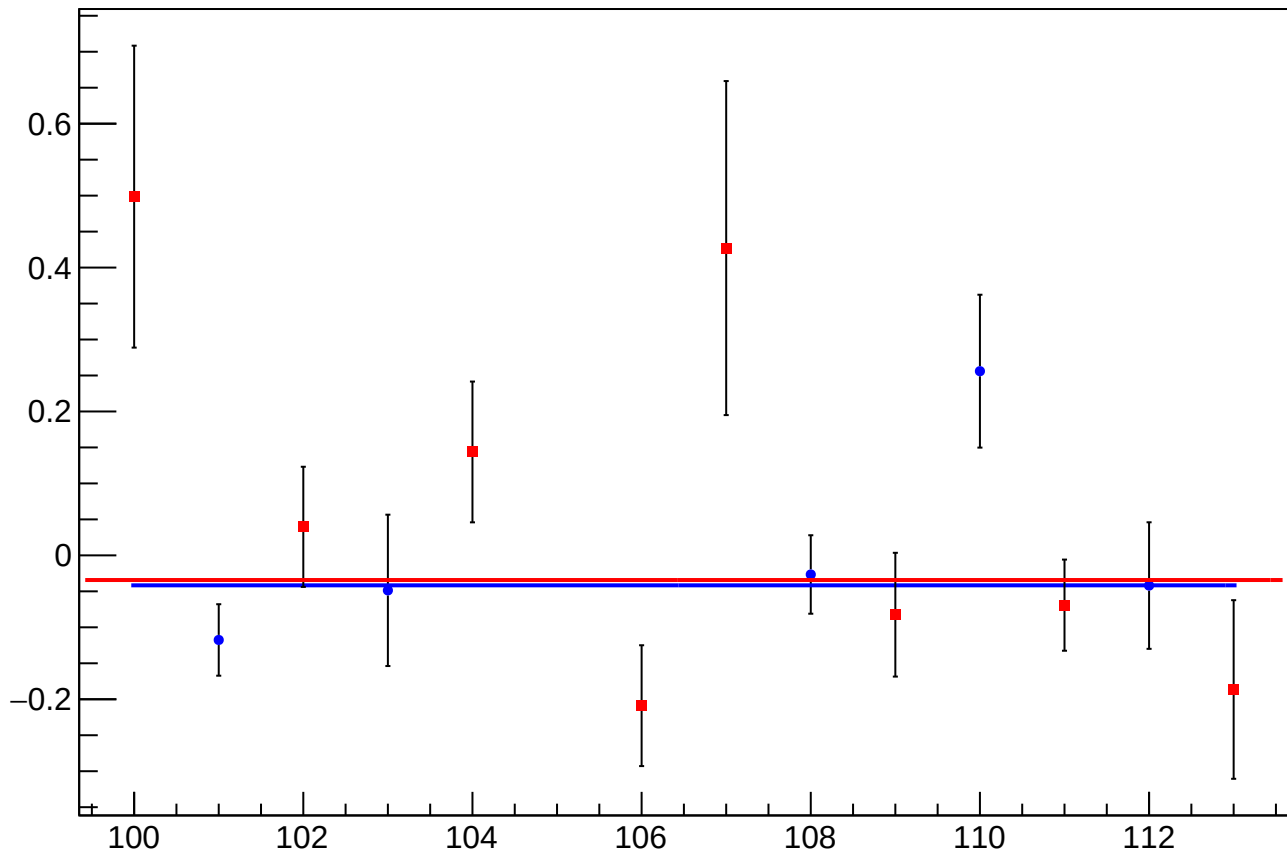
Right: 48.162+/-0.016 χ^2/NDF : 854495.7/12

In: 43.235+/-0.022 χ^2/NDF : 370418.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.162+/-0.016 χ^2/NDF : 854495.7/12

asym_usl_eigen_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: -0.034 $\pm$ 0.034 χ^2 /NDF: 20.9/7

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

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

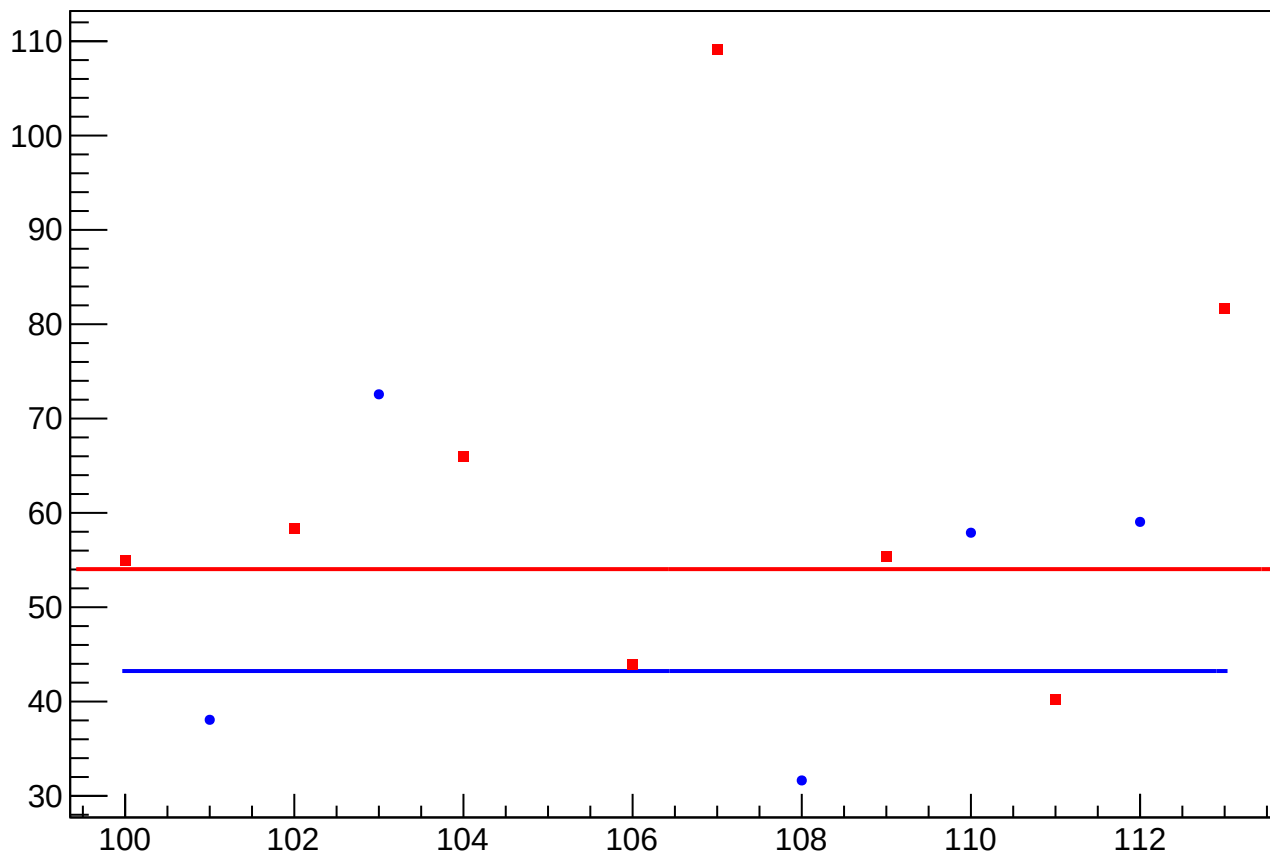
Right: -0.038 $\pm$ 0.023 χ^2 /NDF: 31.2/12

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: -0.038 $\pm$ 0.023 χ^2 /NDF: 31.2/12

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: 54.038+/-0.024 χ^2/NDF : 372339.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

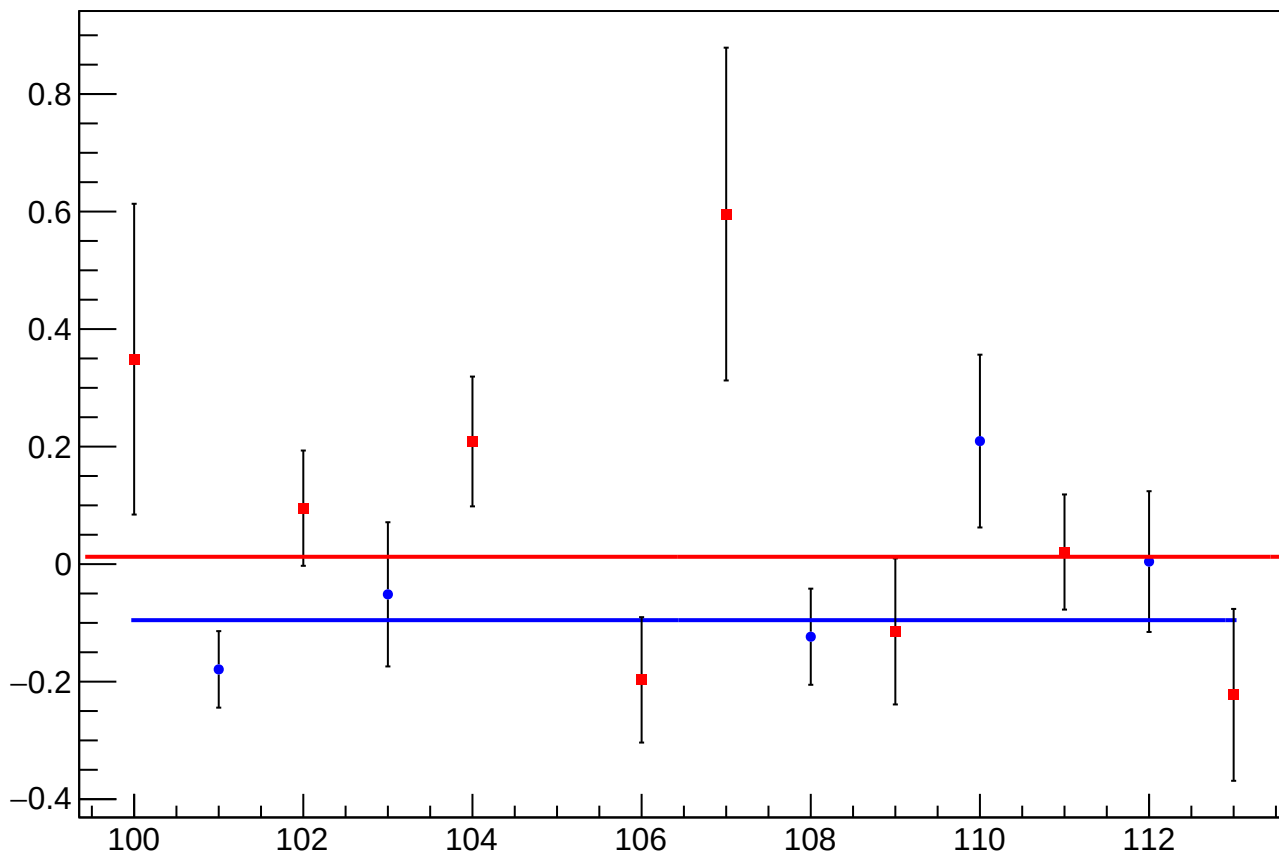
Right: 48.162+/-0.016 χ^2/NDF : 854495.7/12

In: 43.235+/-0.022 χ^2/NDF : 370418.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.162+/-0.016 χ^2/NDF : 854495.7/12

asym_usl_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.095 $\pm$ 0.042 χ^2 /NDF: 6.9/4

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

Right Out: 0.013 $\pm$ 0.044 χ^2 /NDF: 17.2/7

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

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

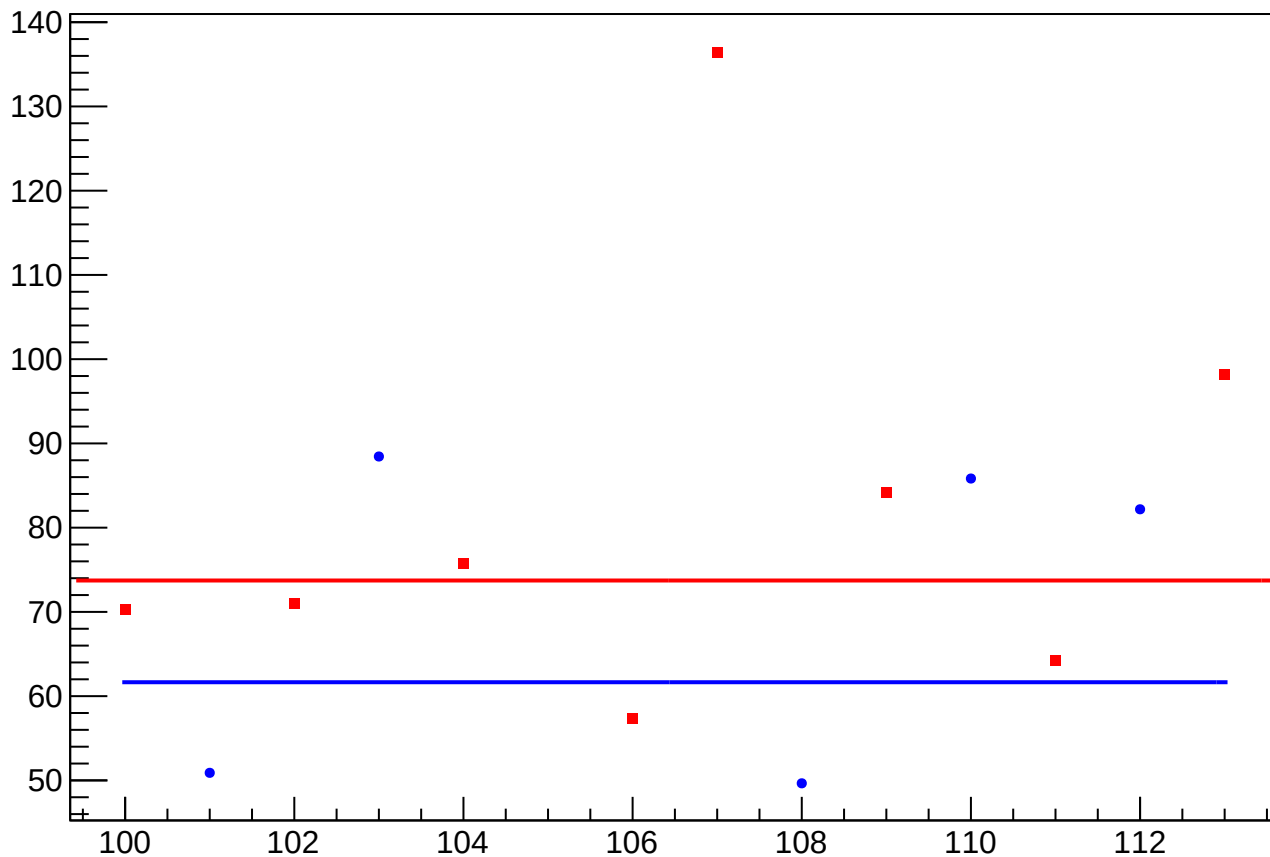
Right: -0.044 $\pm$ 0.030 χ^2 /NDF: 27.3/12

In: -0.095 $\pm$ 0.042 χ^2 /NDF:6.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.044 $\pm$ 0.030 χ^2 /NDF: 27.3/12

asym_usl_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.652+/-0.030 χ^2/NDF : 305795.6/4

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

Right Out: 73.728+/-0.031 χ^2/NDF : 236601.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

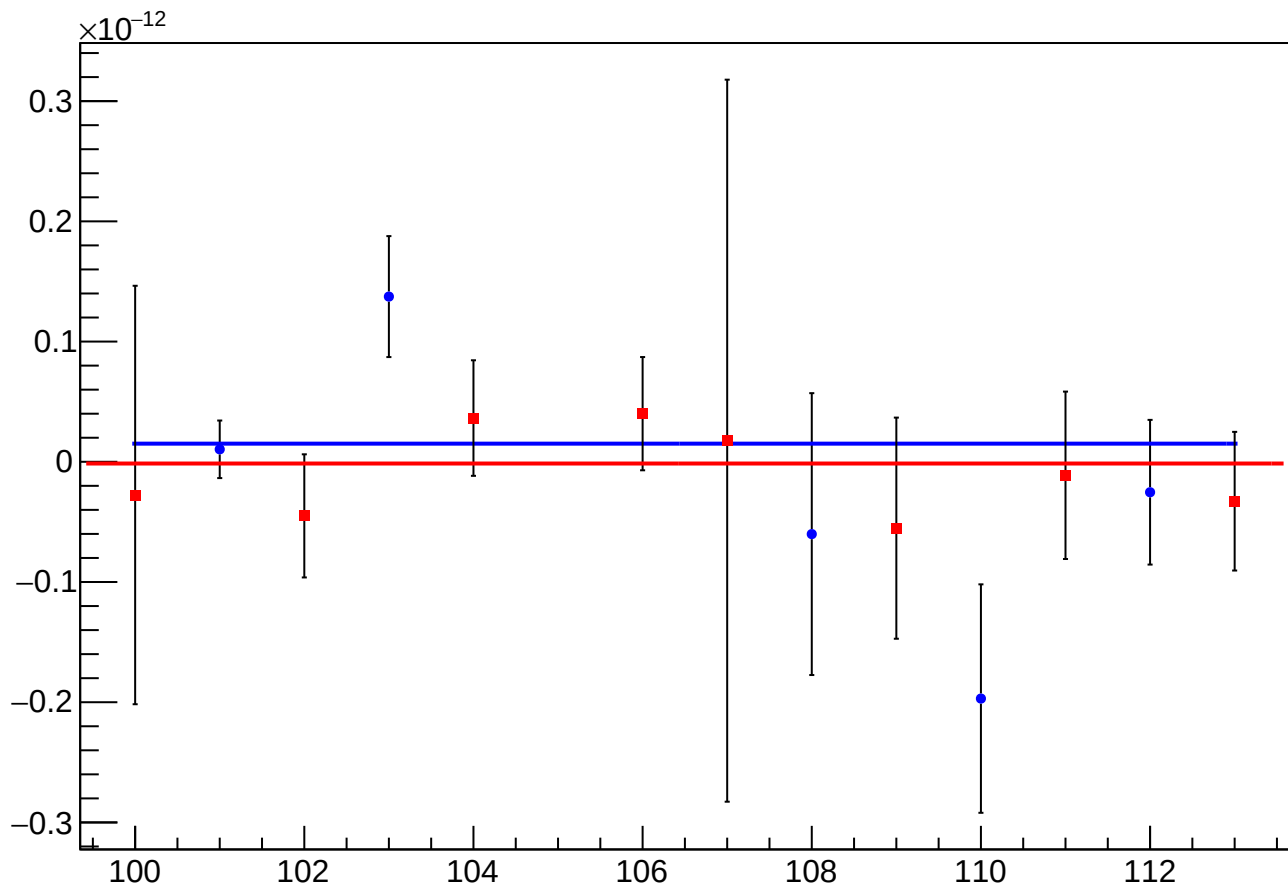
Right: 67.403+/-0.021 χ^2/NDF : 621248.0/12

In: 61.652+/-0.030 χ^2/NDF :305795.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 67.403+/-0.021 χ^2/NDF : 621248.0/12

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 : 2.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

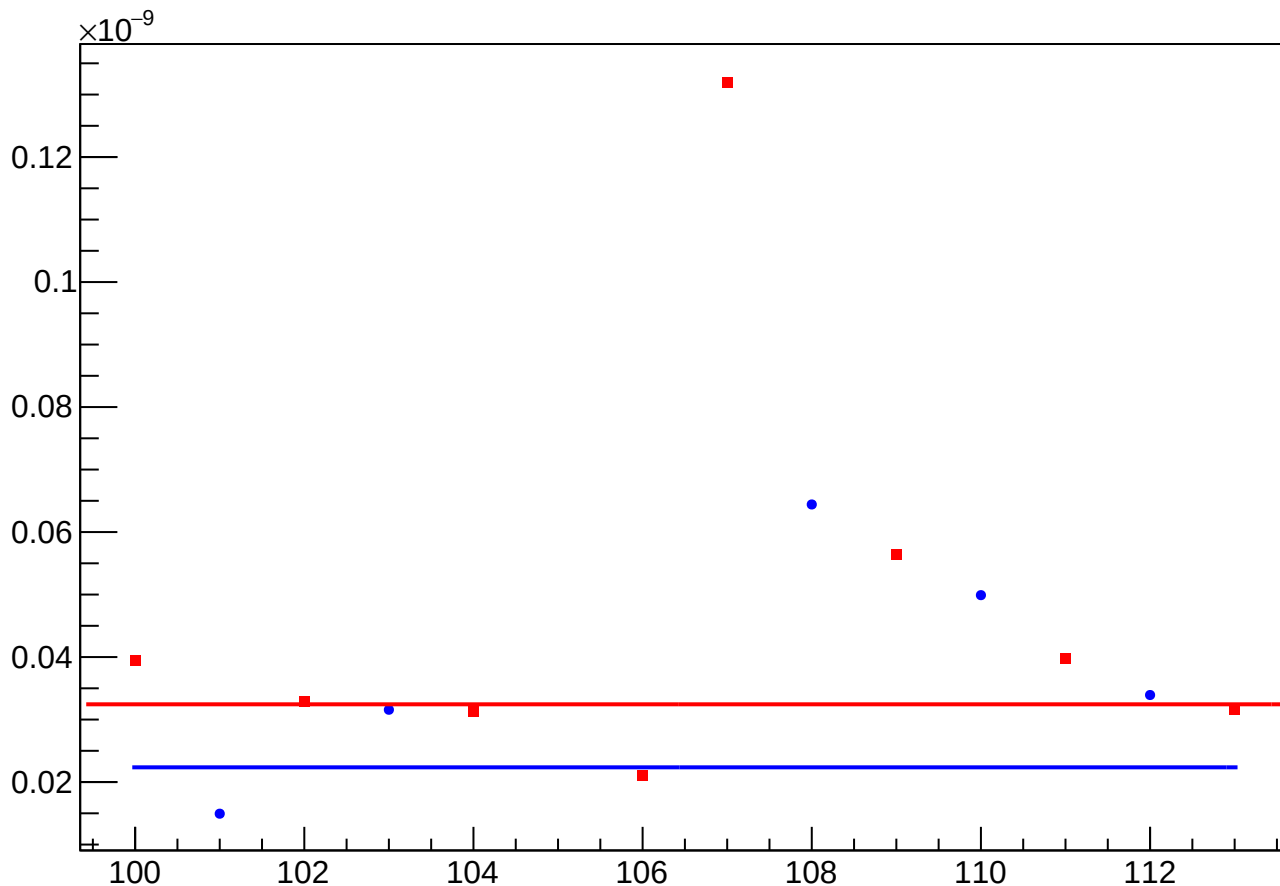
Right: 0.000+/-0.000 χ^2/NDF : 14.9/12

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 : 14.9/12

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 : 497213.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

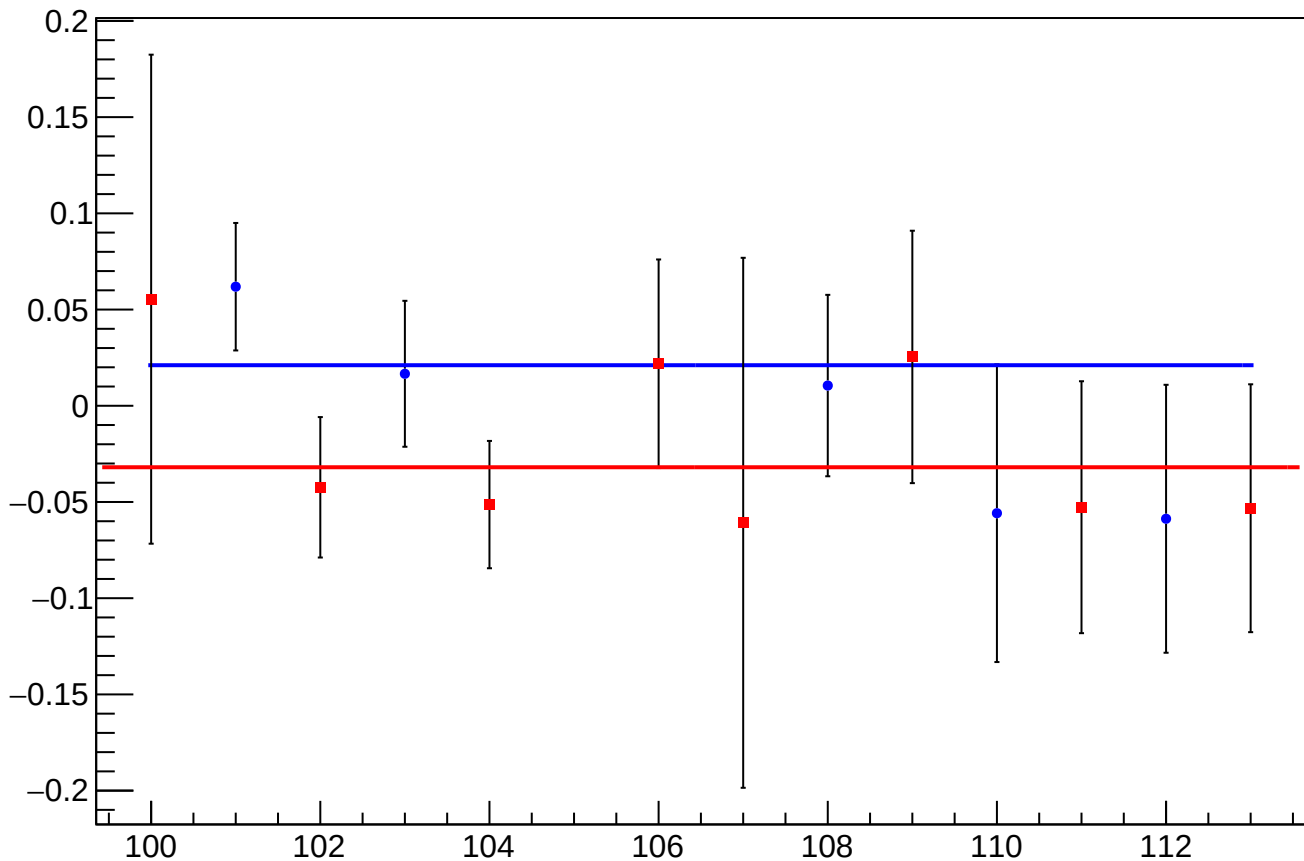
Right: 0.000+/-0.000 χ^2/NDF : 1481408.8/12

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 : 1481408.8/12

asym_usl_overload_cor_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: -0.032 $\pm$ 0.019 χ^2 /NDF: 2.9/7

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

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

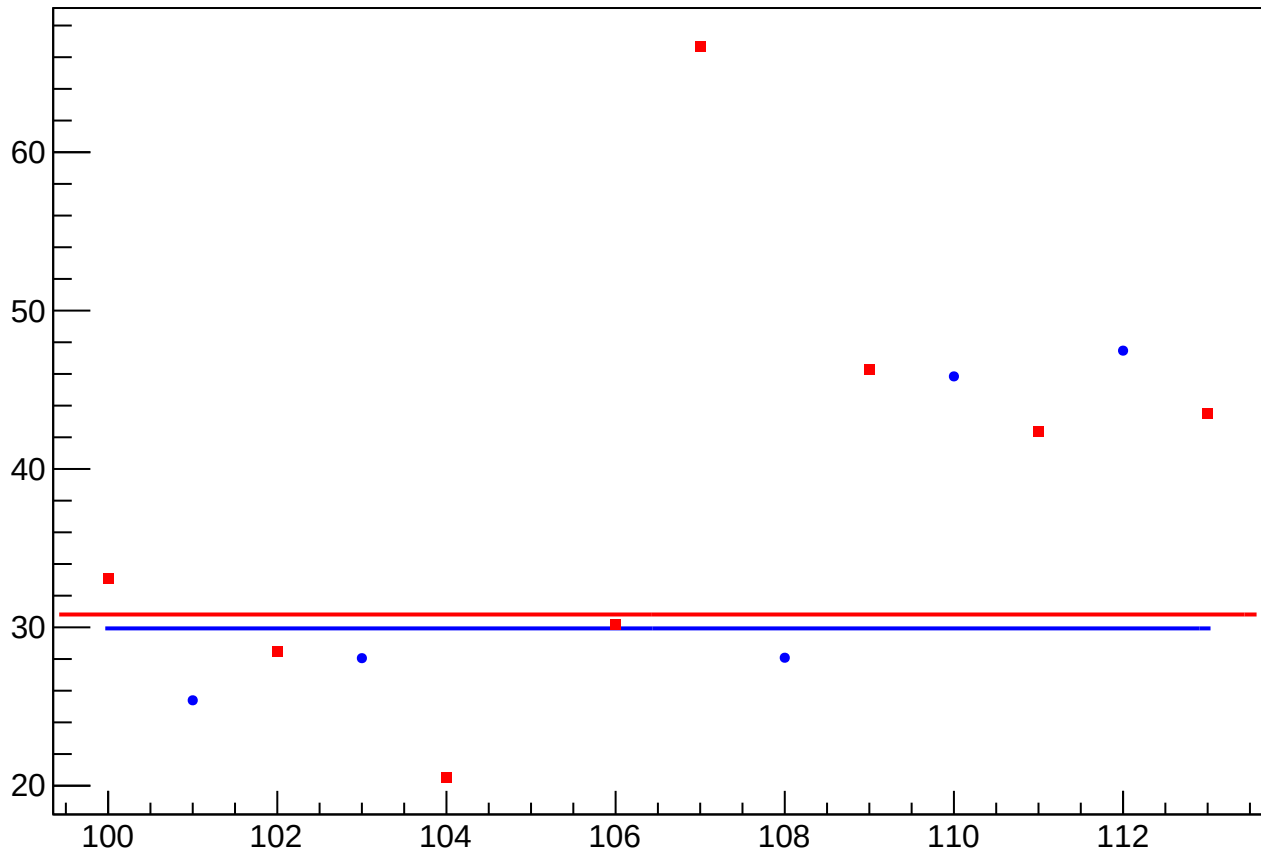
Right: -0.007 $\pm$ 0.014 χ^2 /NDF: 10.5/12

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: -0.007 $\pm$ 0.014 χ^2 /NDF: 10.5/12

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: 30.811+/-0.013 χ^2/NDF : 589692.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

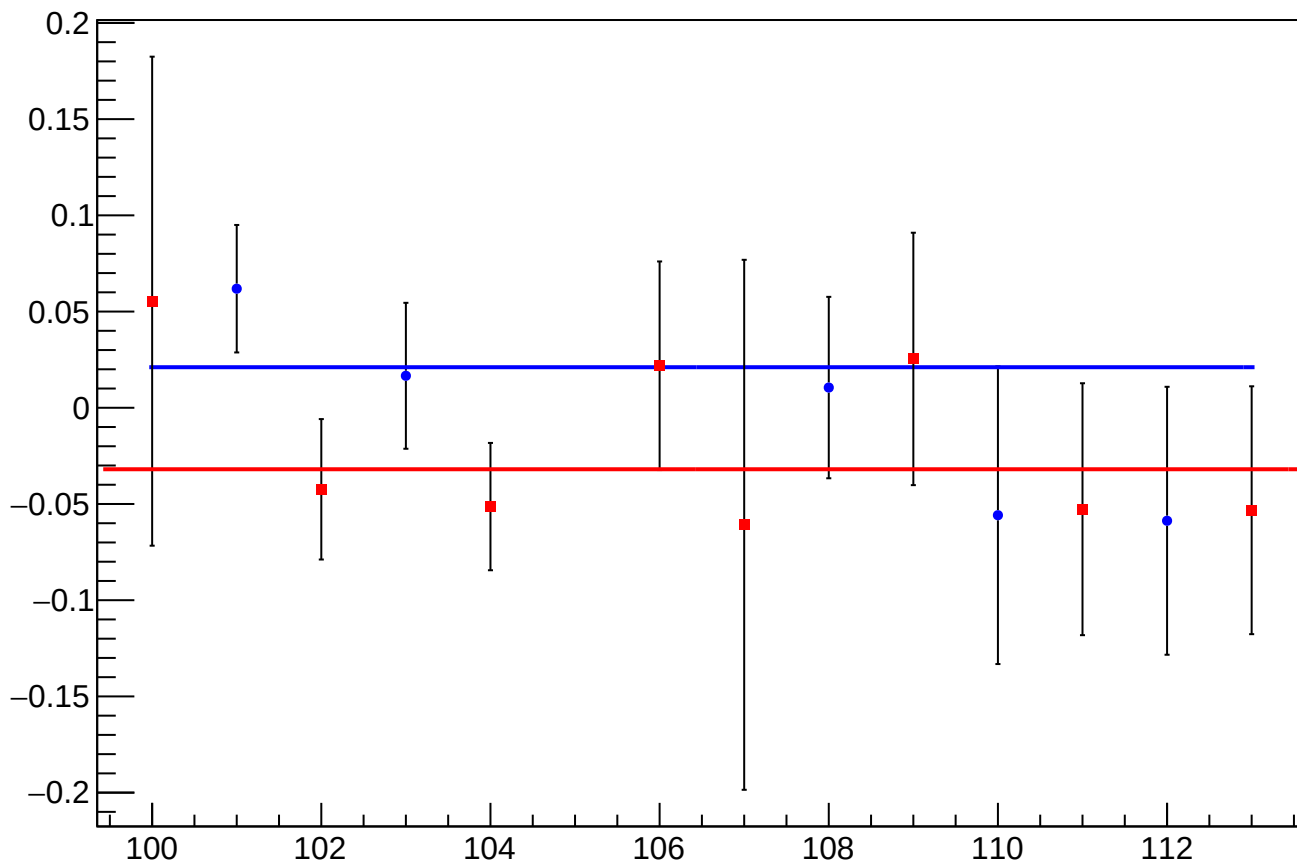
Right: 30.406+/-0.010 χ^2/NDF : 848797.7/12

In: 29.934+/-0.014 χ^2/NDF : 257092.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.406+/-0.010 χ^2/NDF : 848797.7/12

asym_usl_overload_cor_vs_eigen_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: -0.032+/-0.019 χ^2/NDF : 2.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

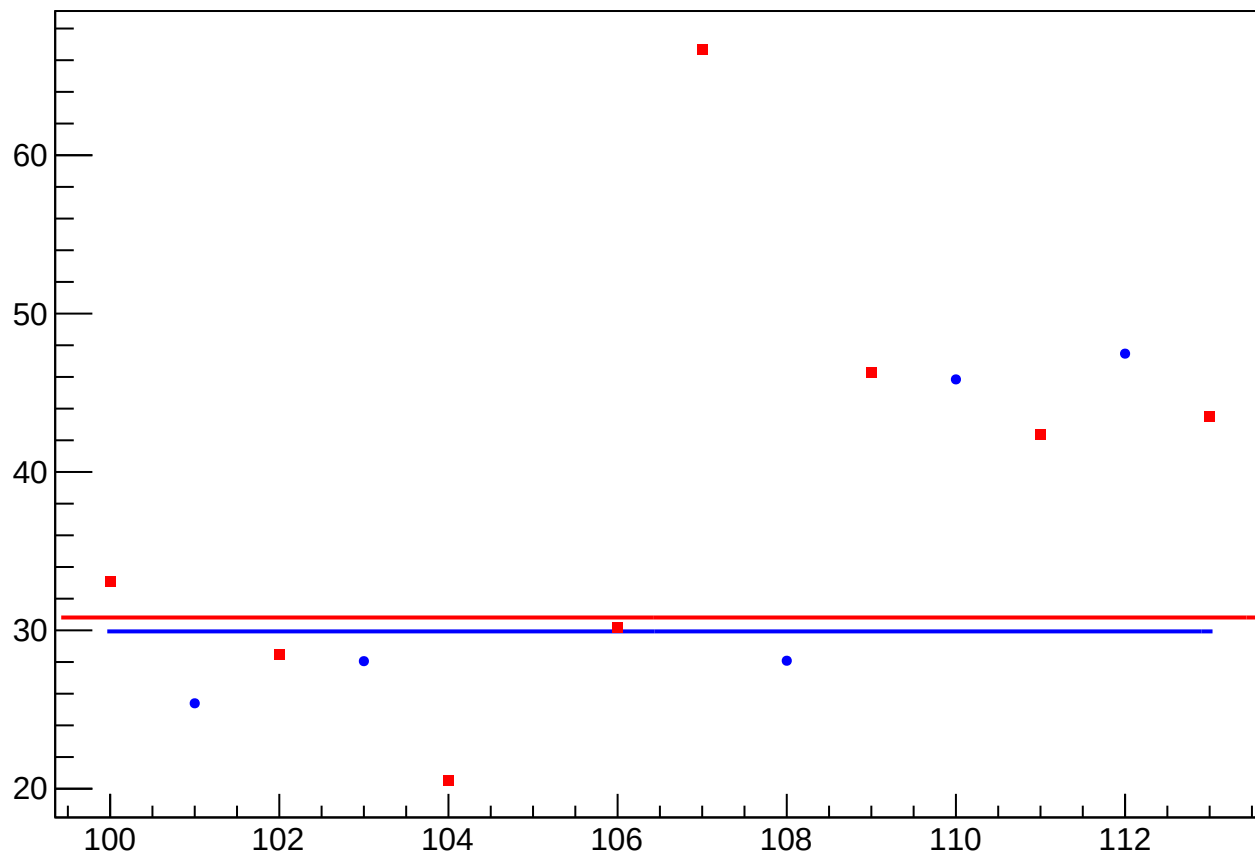
Right: -0.007+/-0.014 χ^2/NDF : 10.5/12

In: 0.021+/-0.020 χ^2/NDF : 3.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.014 χ^2/NDF : 10.5/12

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: 30.811+/-0.013 χ^2/NDF : 589692.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

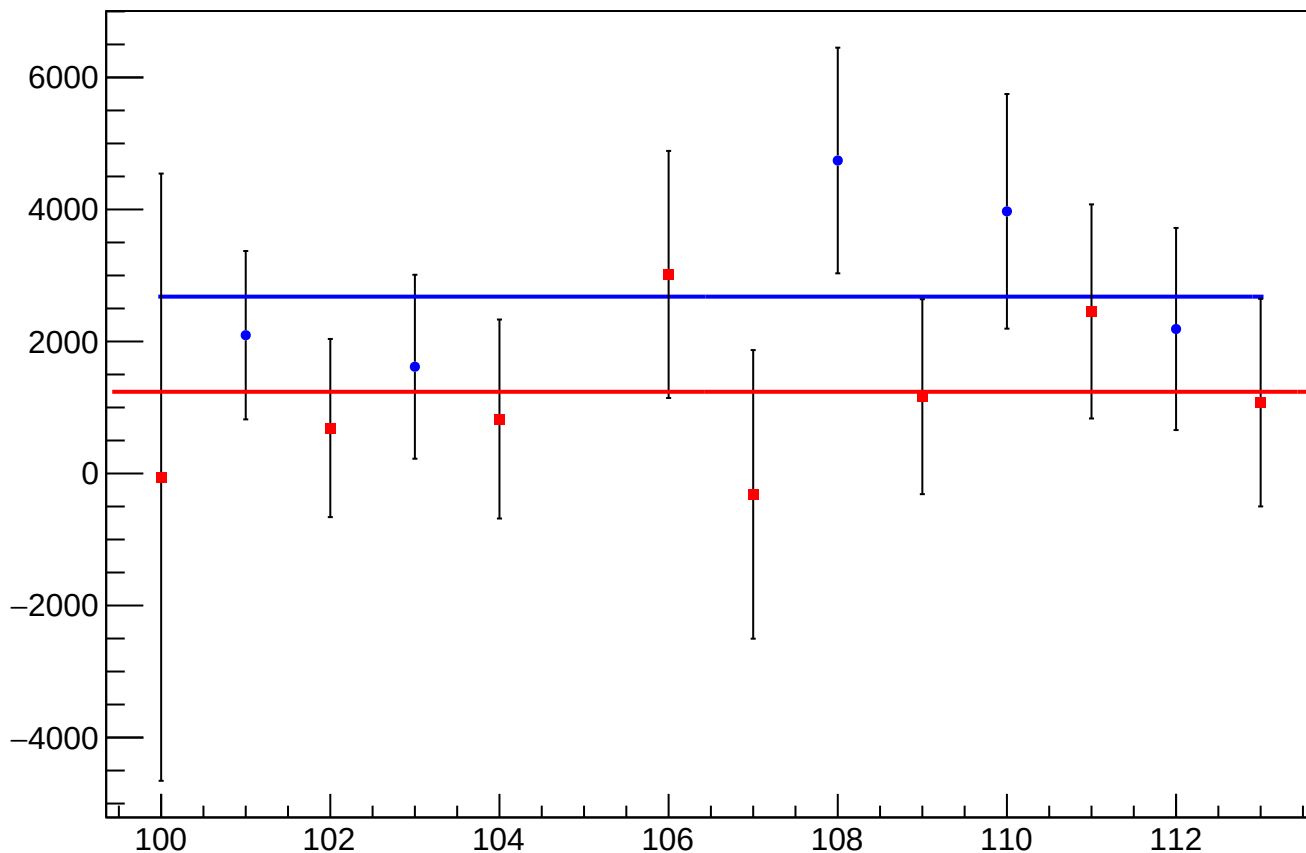
Right: 30.406+/-0.010 χ^2/NDF : 848797.7/12

In: 29.934+/-0.014 χ^2/NDF : 257092.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.406+/-0.010 χ^2/NDF : 848797.7/12

reg_asym_usr_mean vs Slug, Sign Corrected



Right In: 2679.414 $\pm$ 671.908 χ^2 /NDF: 2.9/4

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

Right Out: 1237.942 $\pm$ 600.367 χ^2 /NDF: 2.3/7

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

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

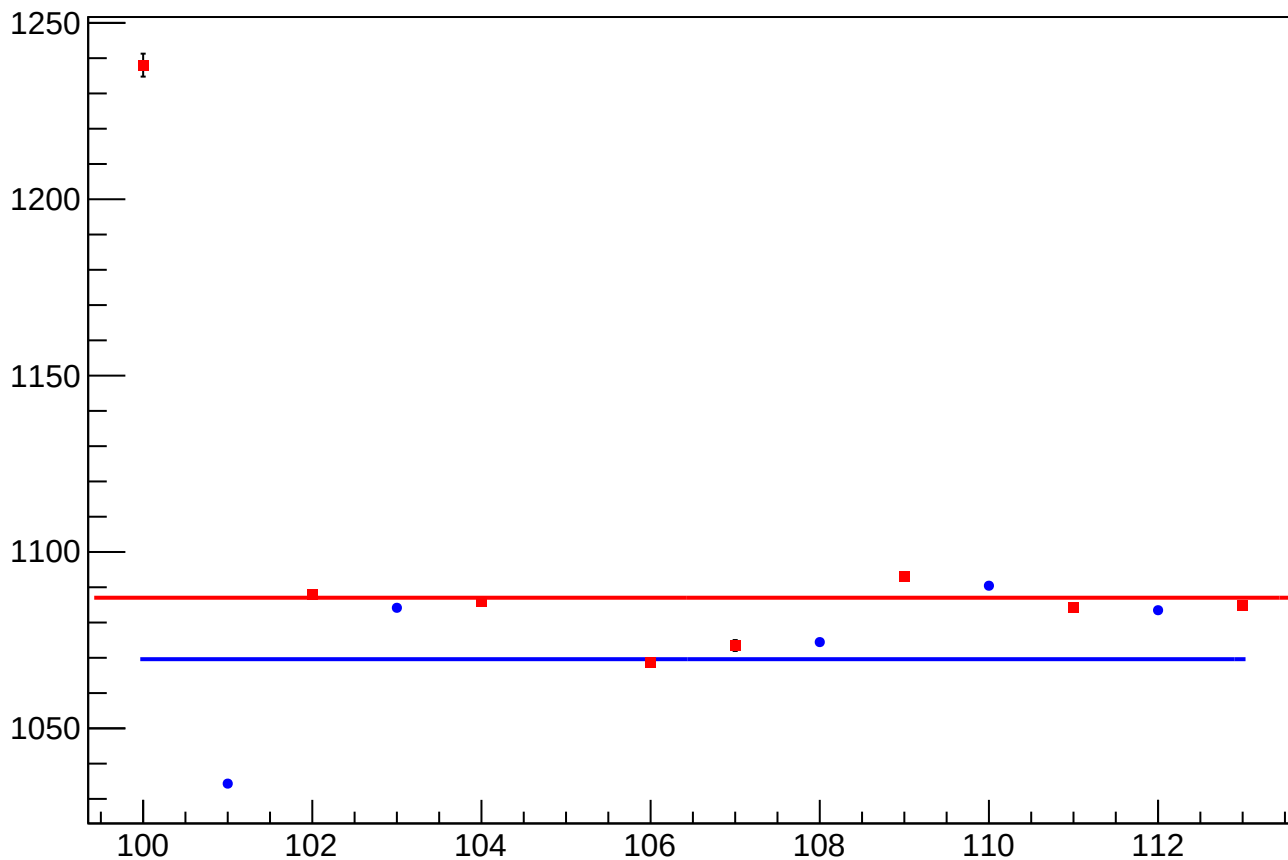
Right: 1877.878 $\pm$ 447.688 χ^2 /NDF: 7.7/12

In: 2679.414 $\pm$ 671.908 χ^2 /NDF: 2.9/4

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

All: 1877.878 $\pm$ 447.688 χ^2 /NDF: 7.7/12

reg_asym_usr_rms vs Slug, Sign Corrected



Right In: 1069.609 $\pm$ 0.475 χ^2 /NDF: 2203.7/4

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

Right Out: 1087.033 $\pm$ 0.425 χ^2 /NDF: 2471.6/7

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

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

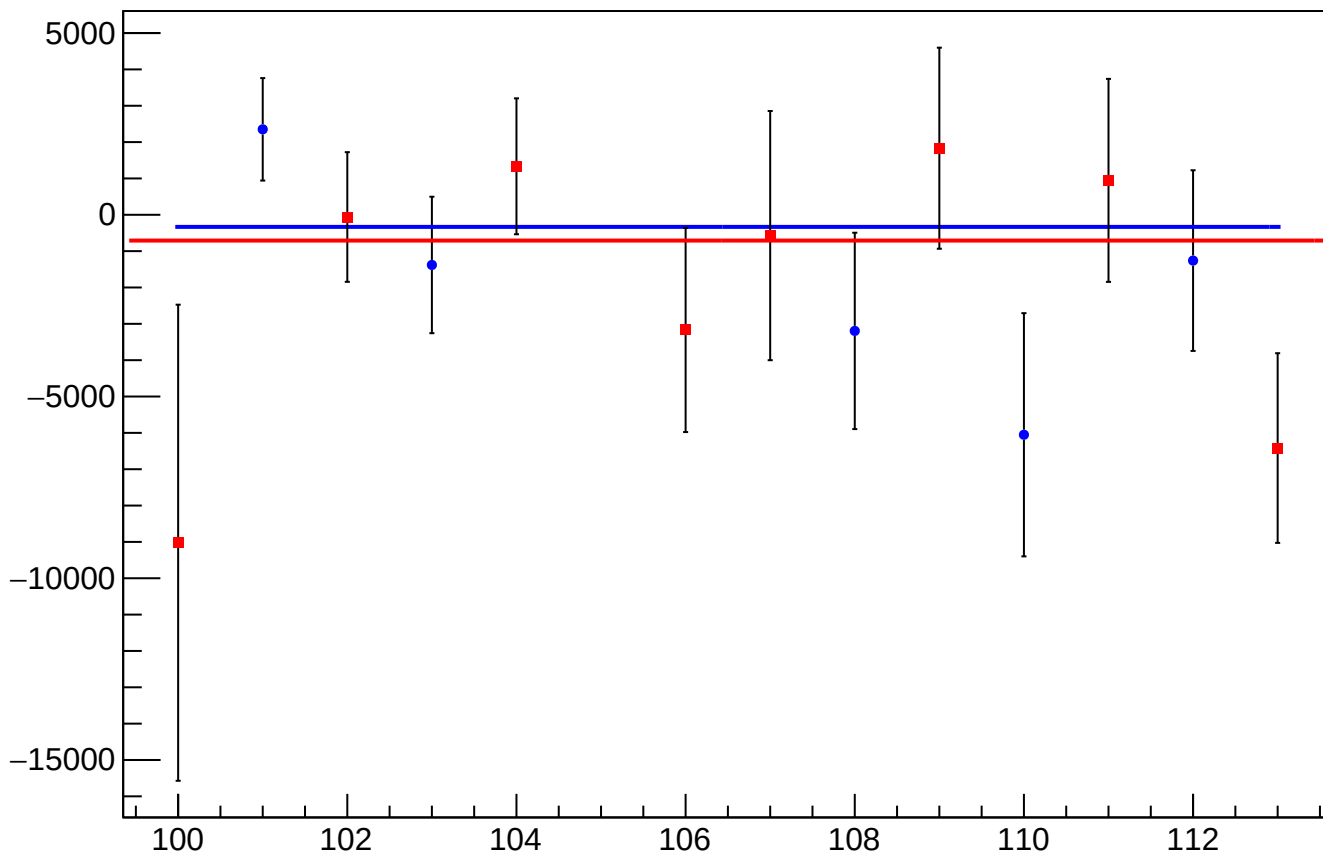
Right: 1079.298 $\pm$ 0.317 χ^2 /NDF: 5423.3/12

In: 1069.609 $\pm$ 0.475 χ^2 /NDF: 2203.7/4

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

All: 1079.298 $\pm$ 0.317 χ^2 /NDF: 5423.3/12

asym_usr_reg_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: -708.997+/-897.623 χ^2/NDF : 9.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

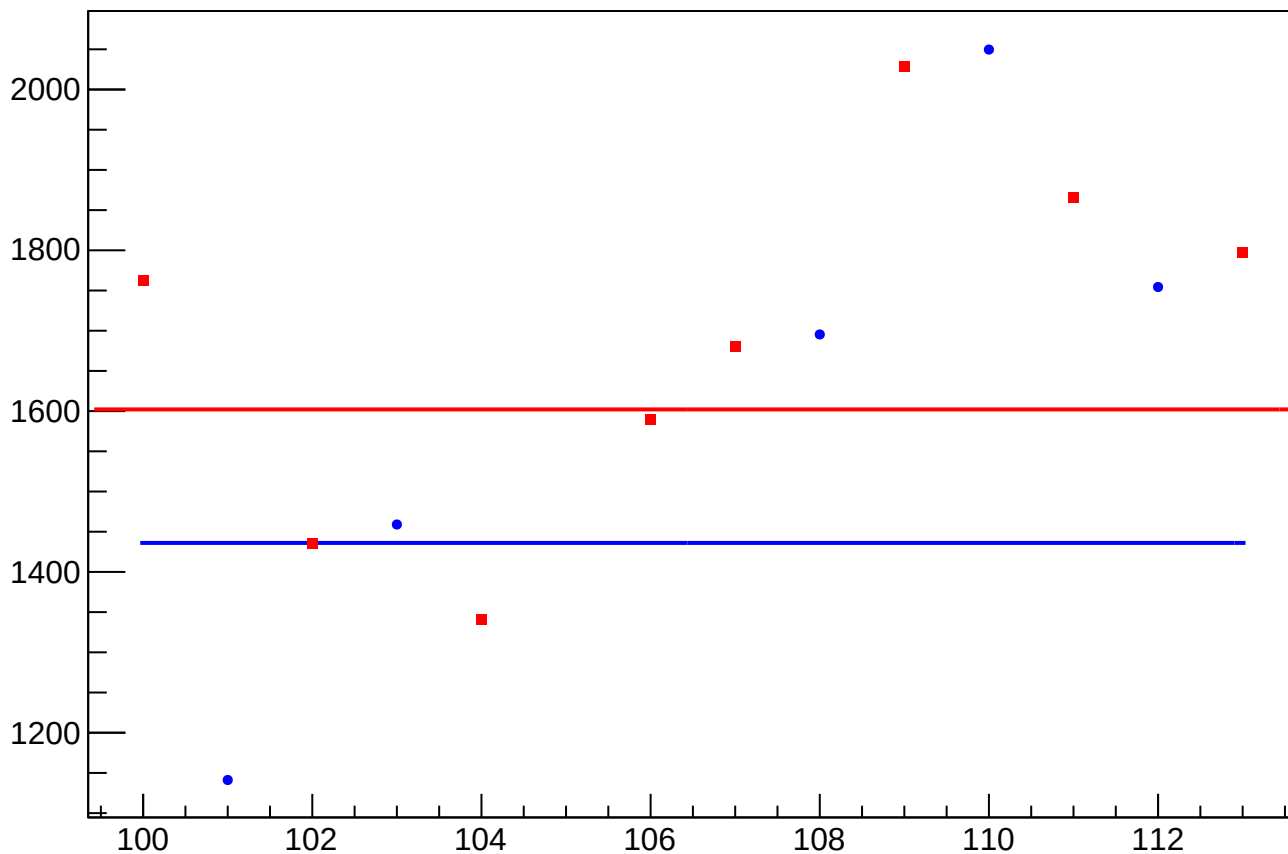
Right: -525.889+/-643.300 χ^2/NDF : 17.9/12

In: -332.530+/-922.410 χ^2/NDF : 8.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -525.889+/-643.300 χ^2/NDF : 17.9/12

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: 1602.119+/-0.635 χ^2/NDF : 135021.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

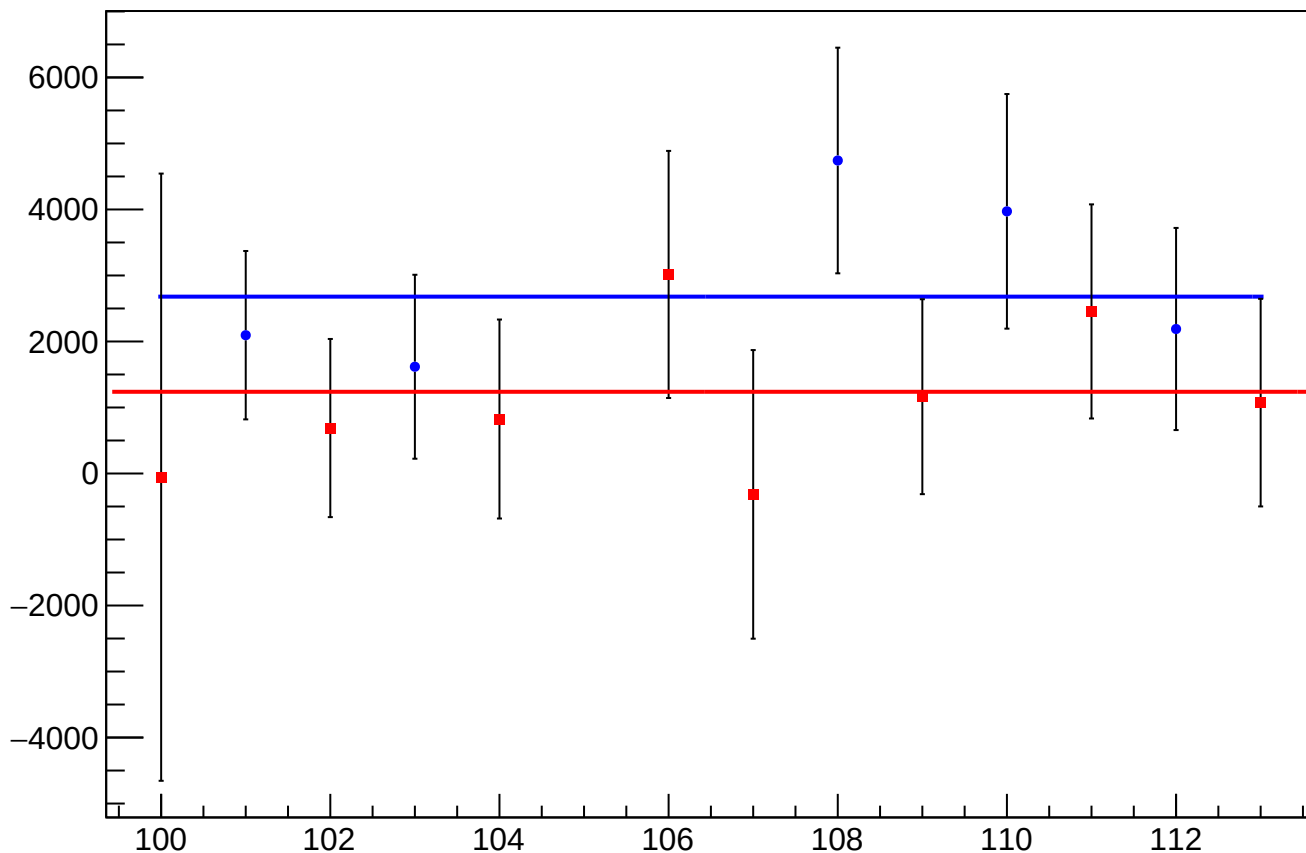
Right: 1521.358+/-0.455 χ^2/NDF : 374626.9/12

In: 1436.076+/-0.652 χ^2/NDF : 206320.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1521.358+/-0.455 χ^2/NDF : 374626.9/12

cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2679.414 $\pm$ 671.908 χ^2 /NDF: 2.9/4

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

Right Out: 1237.942 $\pm$ 600.367 χ^2 /NDF: 2.3/7

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

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

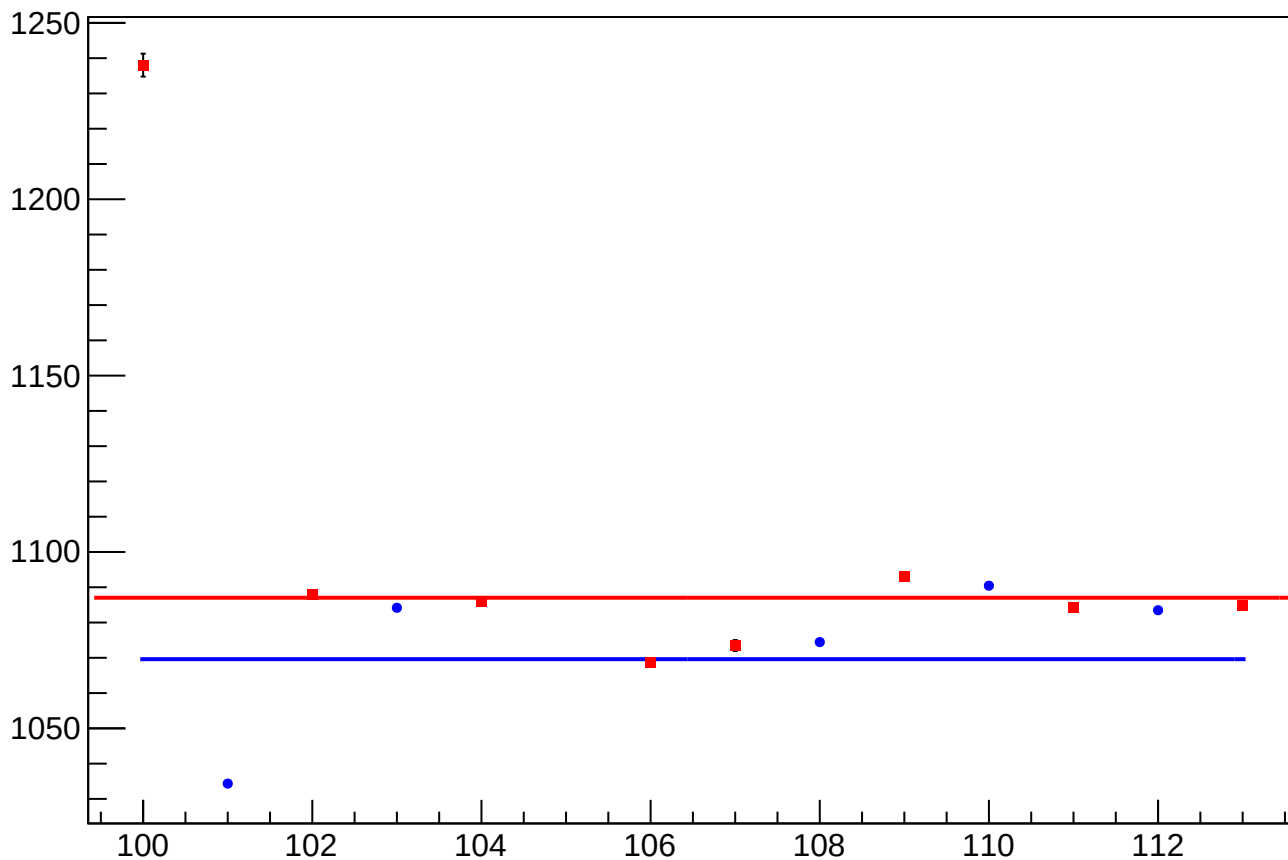
Right: 1877.878 $\pm$ 447.688 χ^2 /NDF: 7.7/12

In: 2679.414 $\pm$ 671.908 χ^2 /NDF: 2.9/4

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

All: 1877.878 $\pm$ 447.688 χ^2 /NDF: 7.7/12

cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1069.609 $\pm$ 0.475 χ^2 /NDF: 2203.7/4

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

Right Out: 1087.033 $\pm$ 0.425 χ^2 /NDF: 2471.6/7

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

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

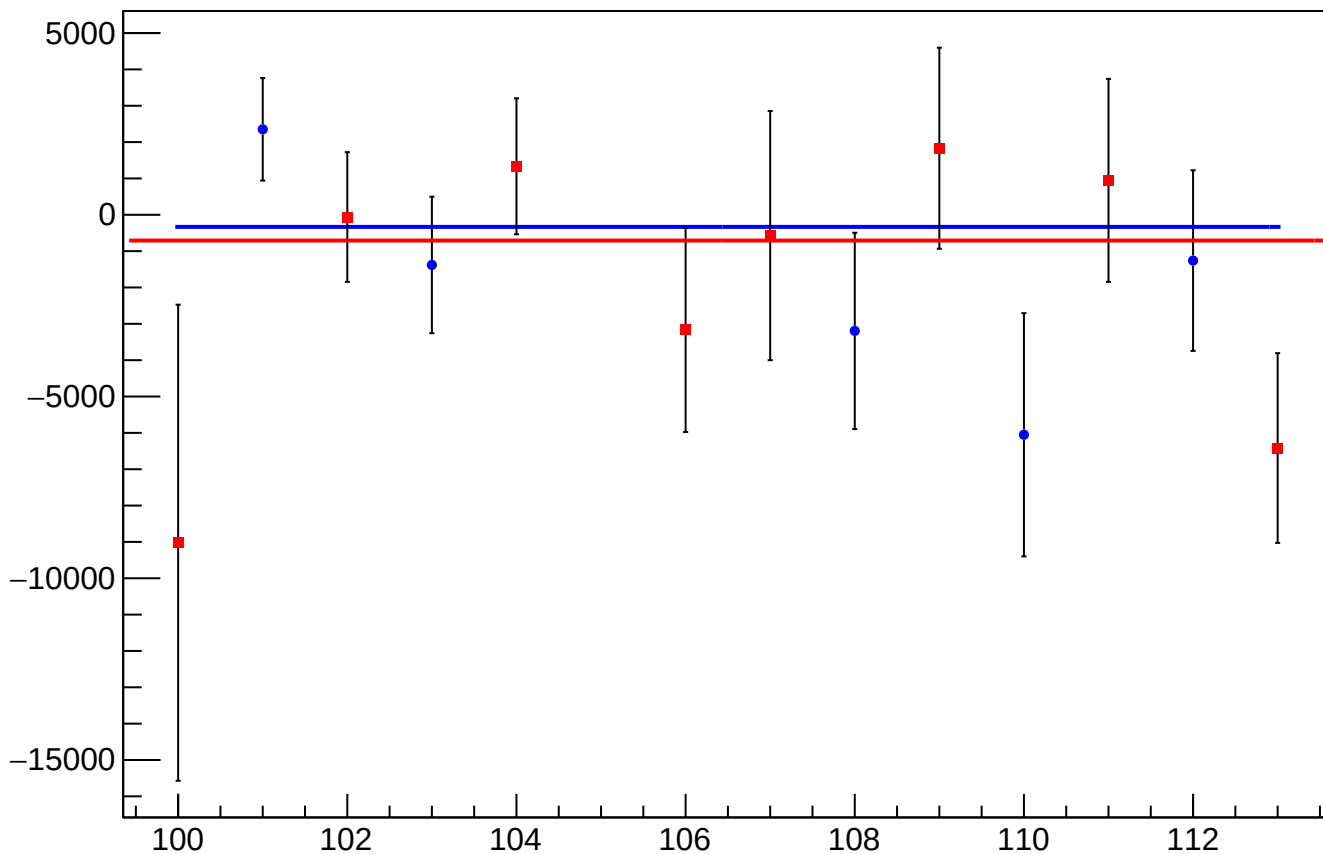
Right: 1079.298 $\pm$ 0.317 χ^2 /NDF: 5423.3/12

In: 1069.609 $\pm$ 0.475 χ^2 /NDF: 2203.7/4

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

All: 1079.298 $\pm$ 0.317 χ^2 /NDF: 5423.3/12

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: -708.997+/-897.623 χ^2/NDF : 9.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

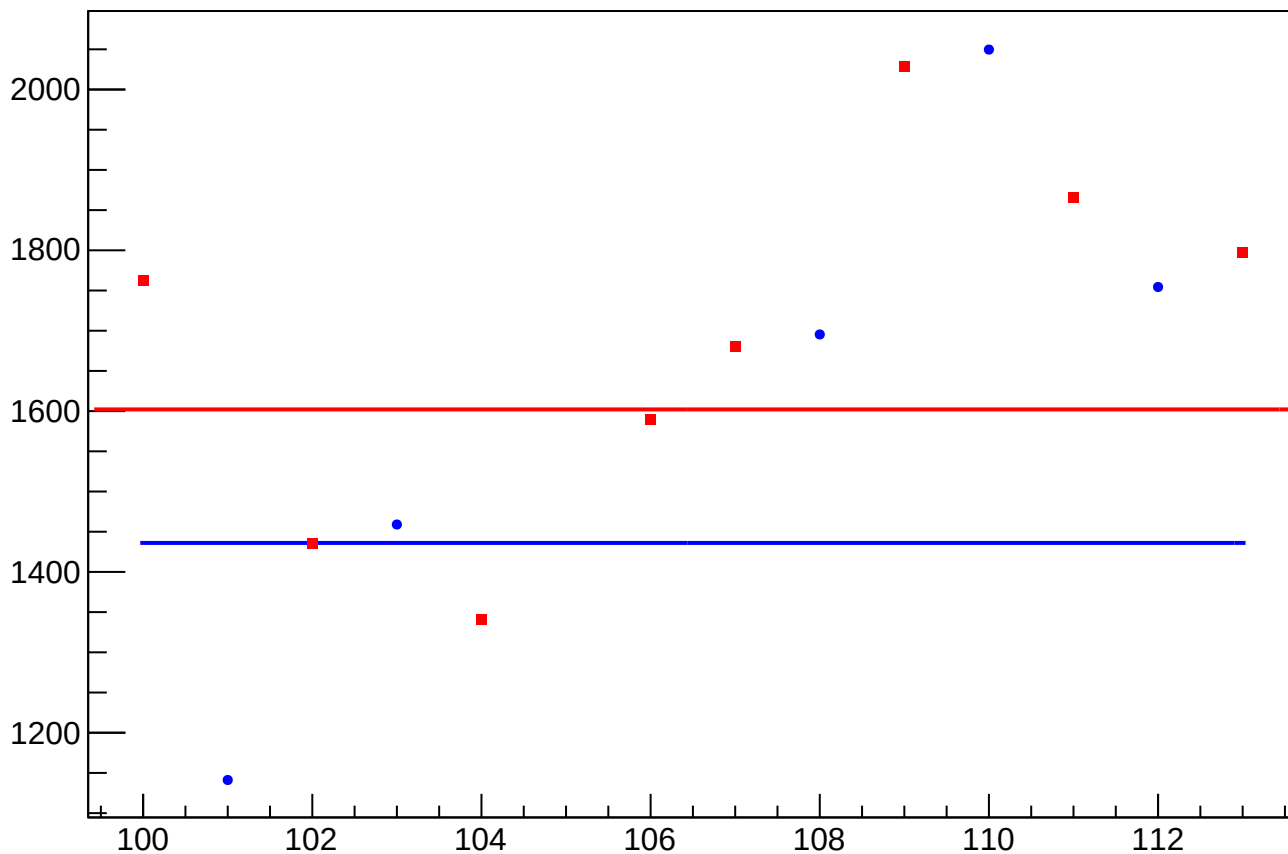
Right: -525.889+/-643.300 χ^2/NDF : 17.9/12

In: -332.530+/-922.410 χ^2/NDF : 8.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -525.889+/-643.300 χ^2/NDF : 17.9/12

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: 1602.119+/-0.635 χ^2/NDF : 135021.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

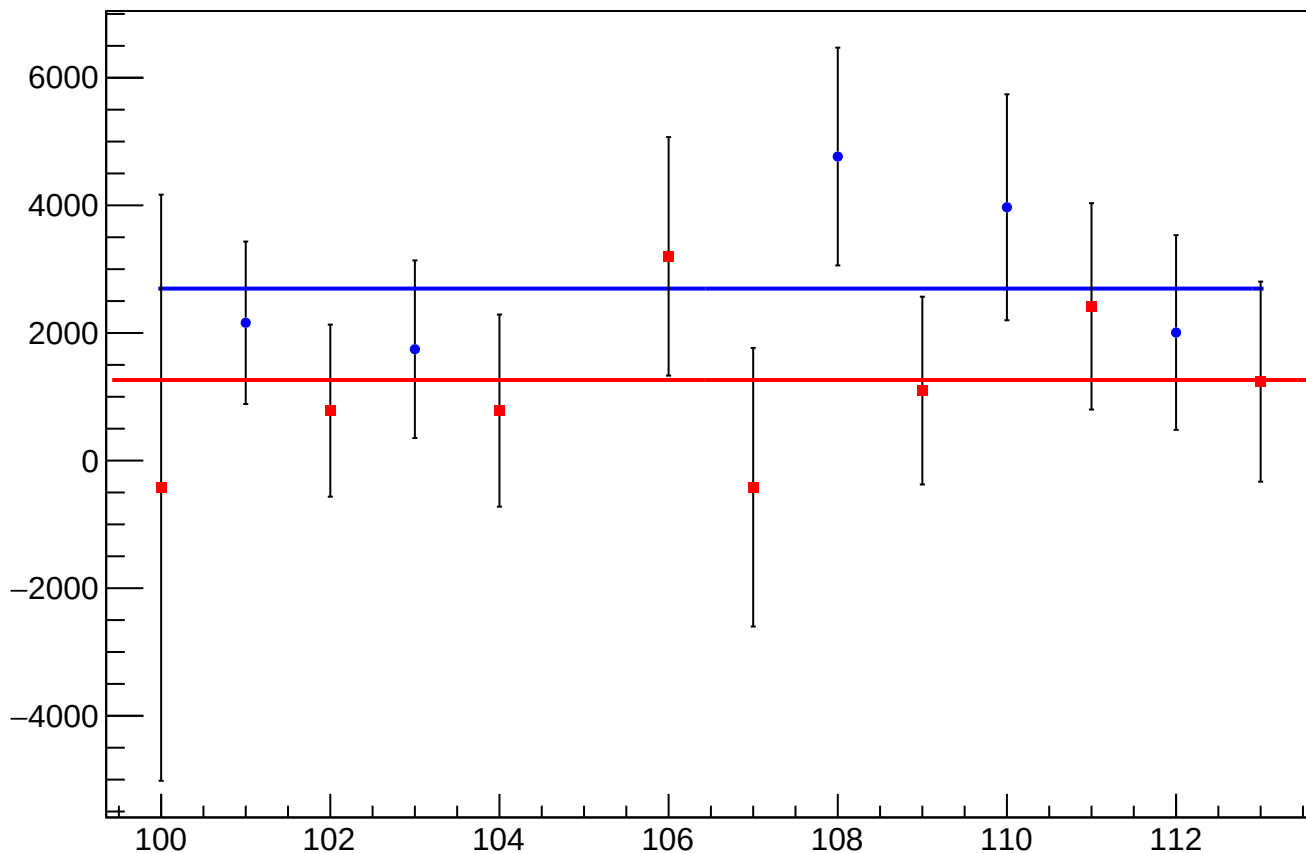
Right: 1521.358+/-0.455 χ^2/NDF : 374626.9/12

In: 1436.076+/-0.652 χ^2/NDF : 206320.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1521.358+/-0.455 χ^2/NDF : 374626.9/12

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: 1263.035+/-599.156 χ^2/NDF : 2.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

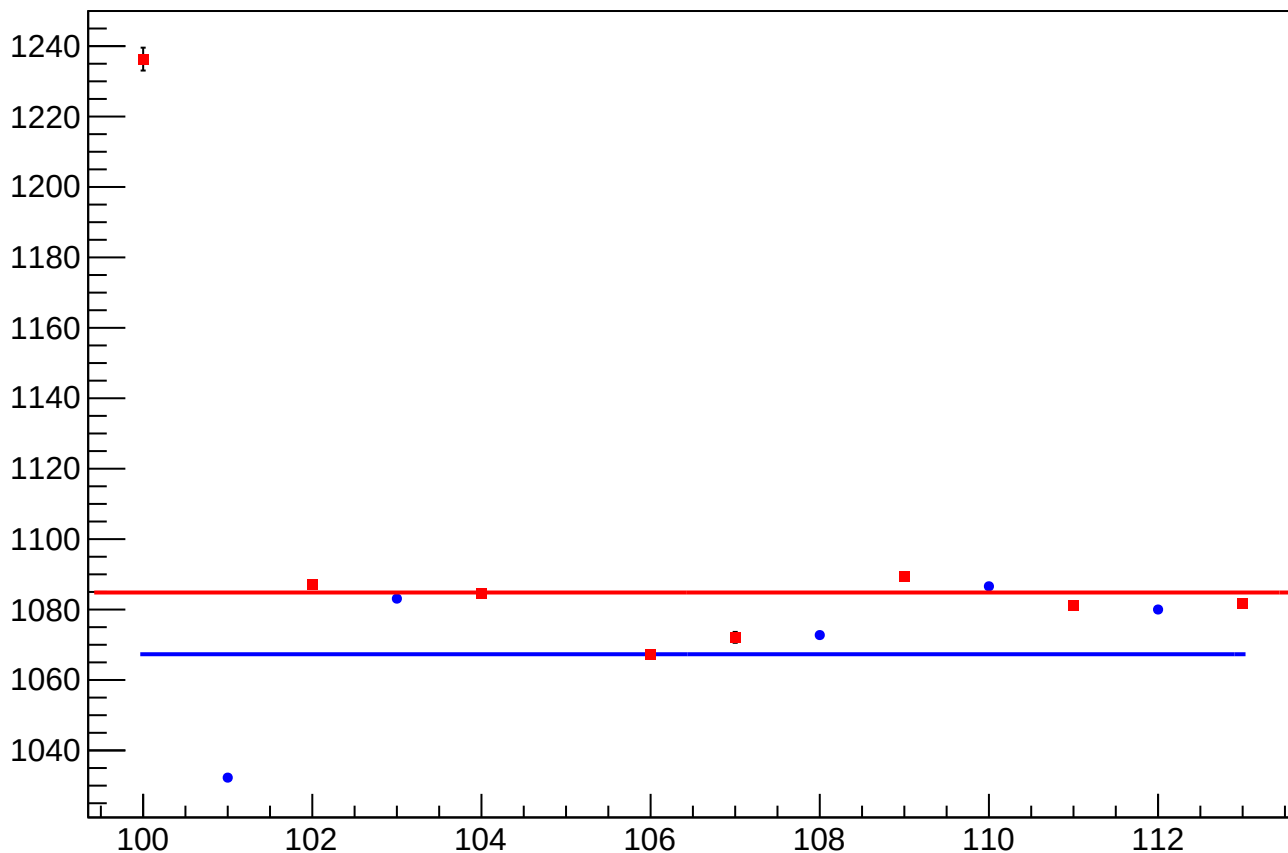
Right: 1899.198+/-446.758 χ^2/NDF : 7.9/12

In: 2695.795+/-670.464 χ^2/NDF : 2.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1899.198+/-446.758 χ^2/NDF : 7.9/12

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: 1084.842+/-0.424 χ^2/NDF : 2464.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

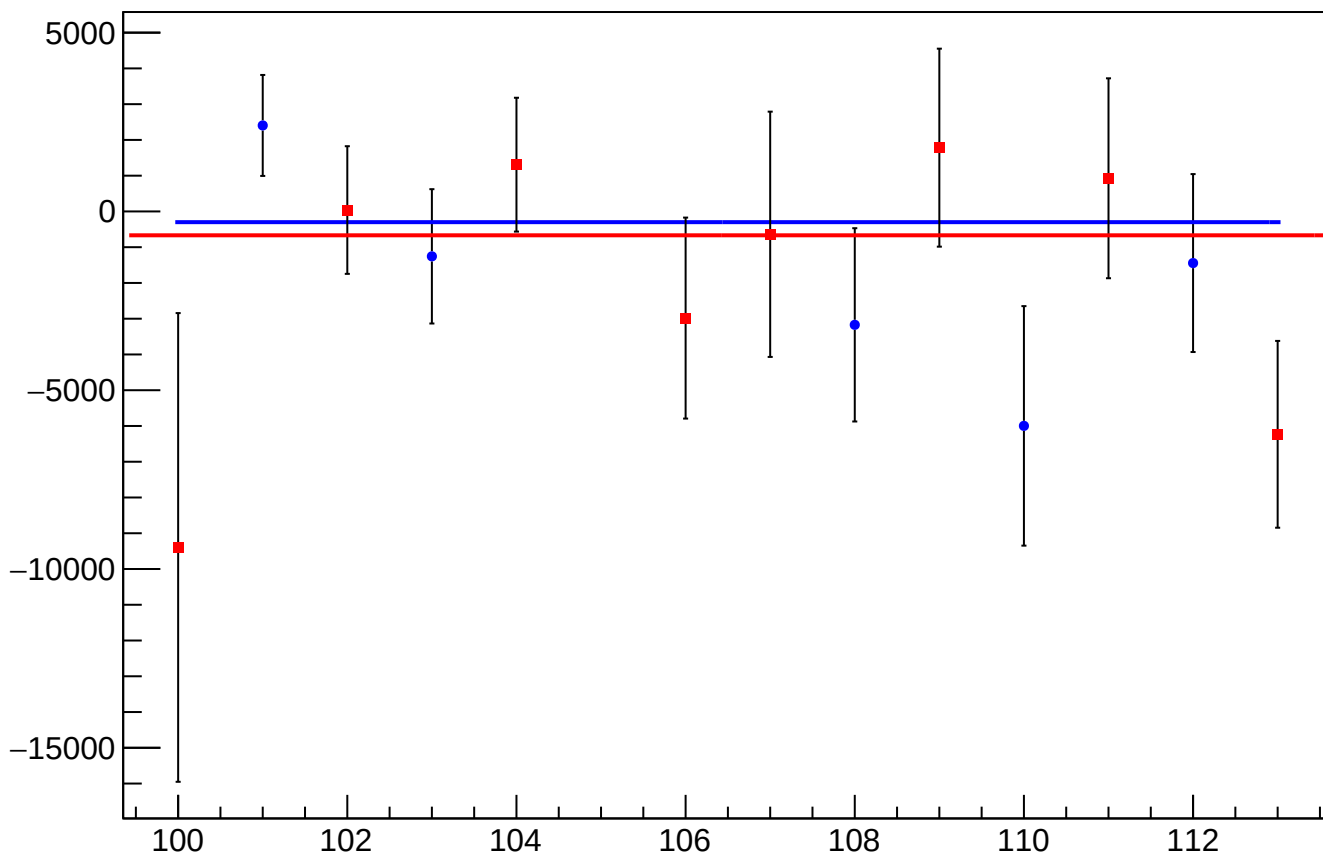
Right: 1077.059+/-0.316 χ^2/NDF : 5393.0/12

In: 1067.313+/-0.474 χ^2/NDF : 2168.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1077.059+/-0.316 χ^2/NDF : 5393.0/12

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: -667.540+/-898.303 χ^2/NDF : 9.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

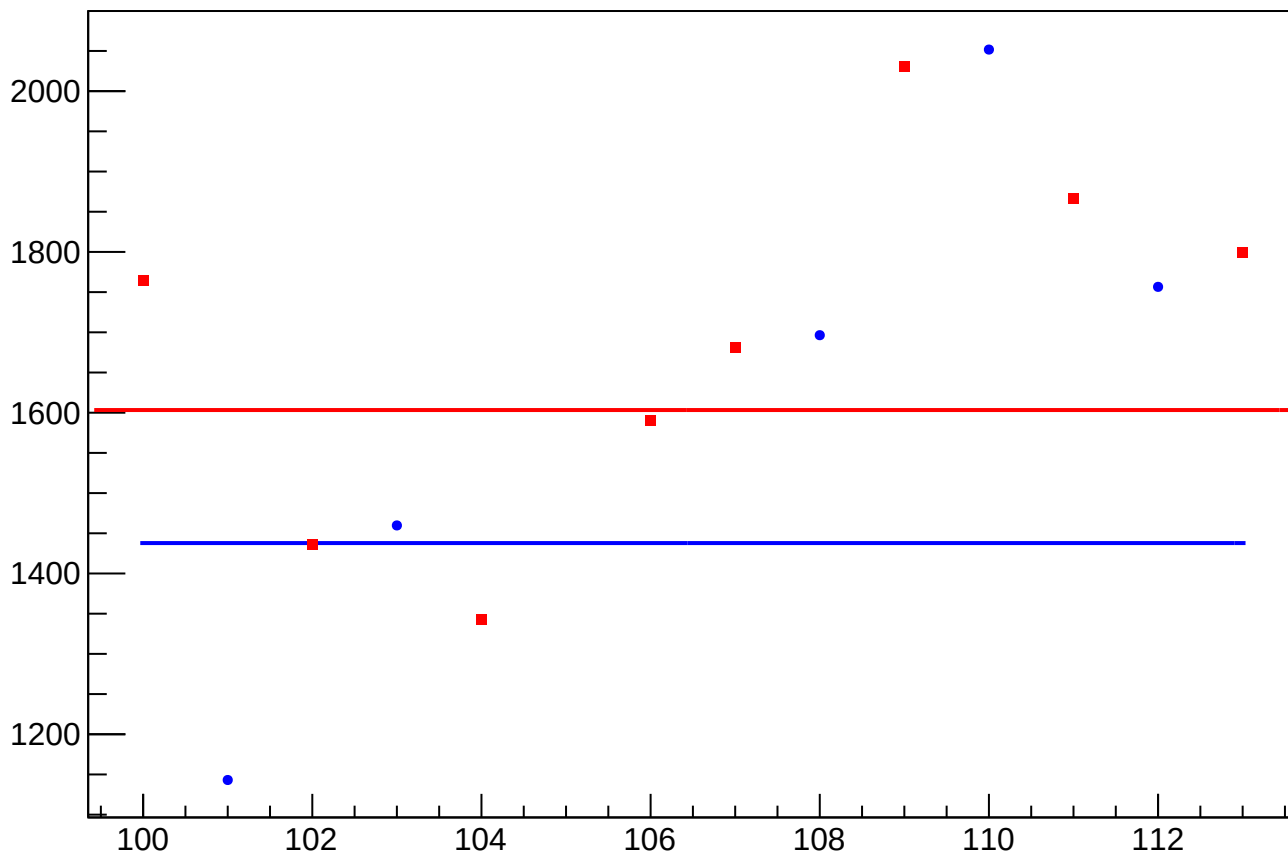
Right: -488.792+/-643.913 χ^2/NDF : 17.6/12

In: -299.884+/-923.479 χ^2/NDF : 8.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -488.792+/-643.913 χ^2/NDF : 17.6/12

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: 1603.317+/-0.635 χ^2/NDF : 135223.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

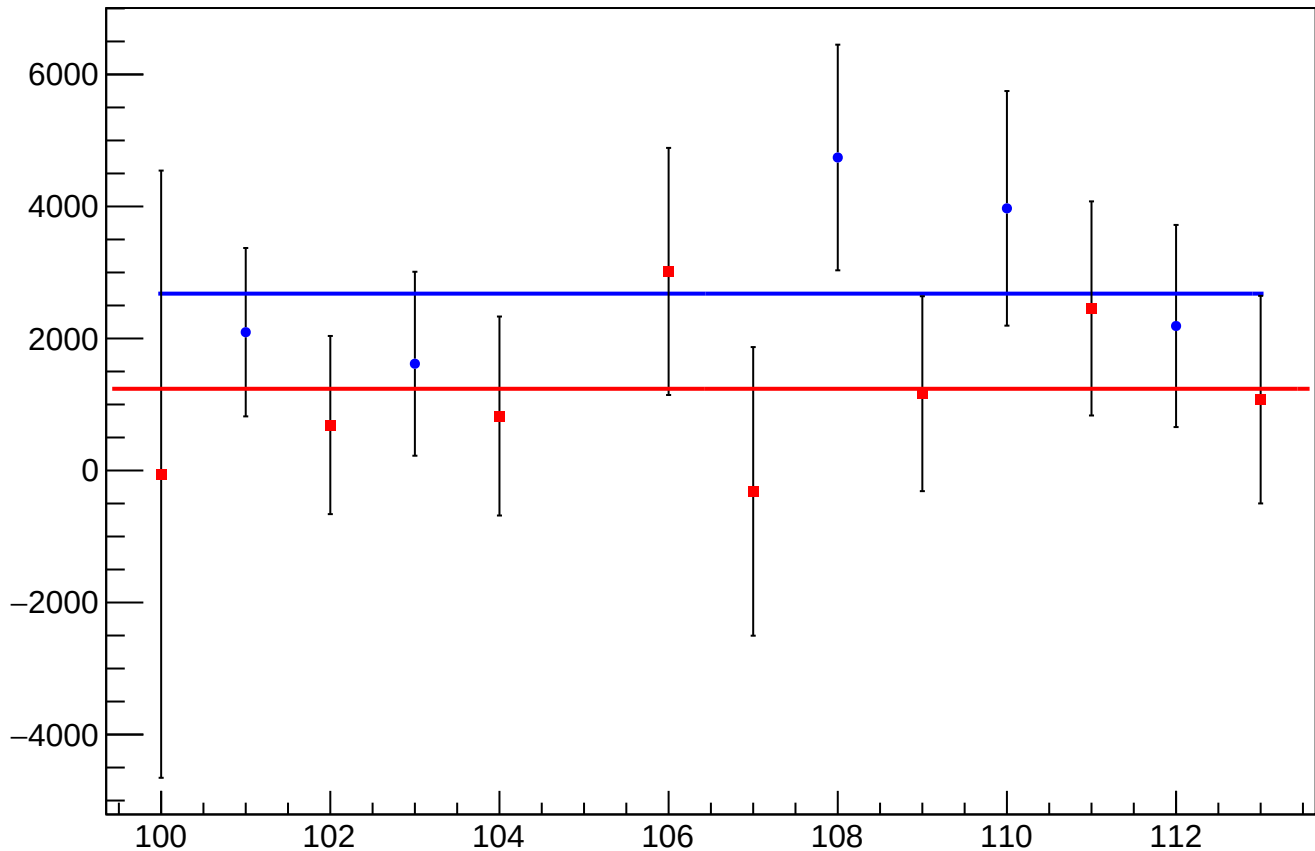
Right: 1522.863+/-0.455 χ^2/NDF : 373955.1/12

In: 1437.836+/-0.653 χ^2/NDF : 205733.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1522.863+/-0.455 χ^2/NDF : 373955.1/12

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: 1237.942+/-600.367 χ^2/NDF : 2.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

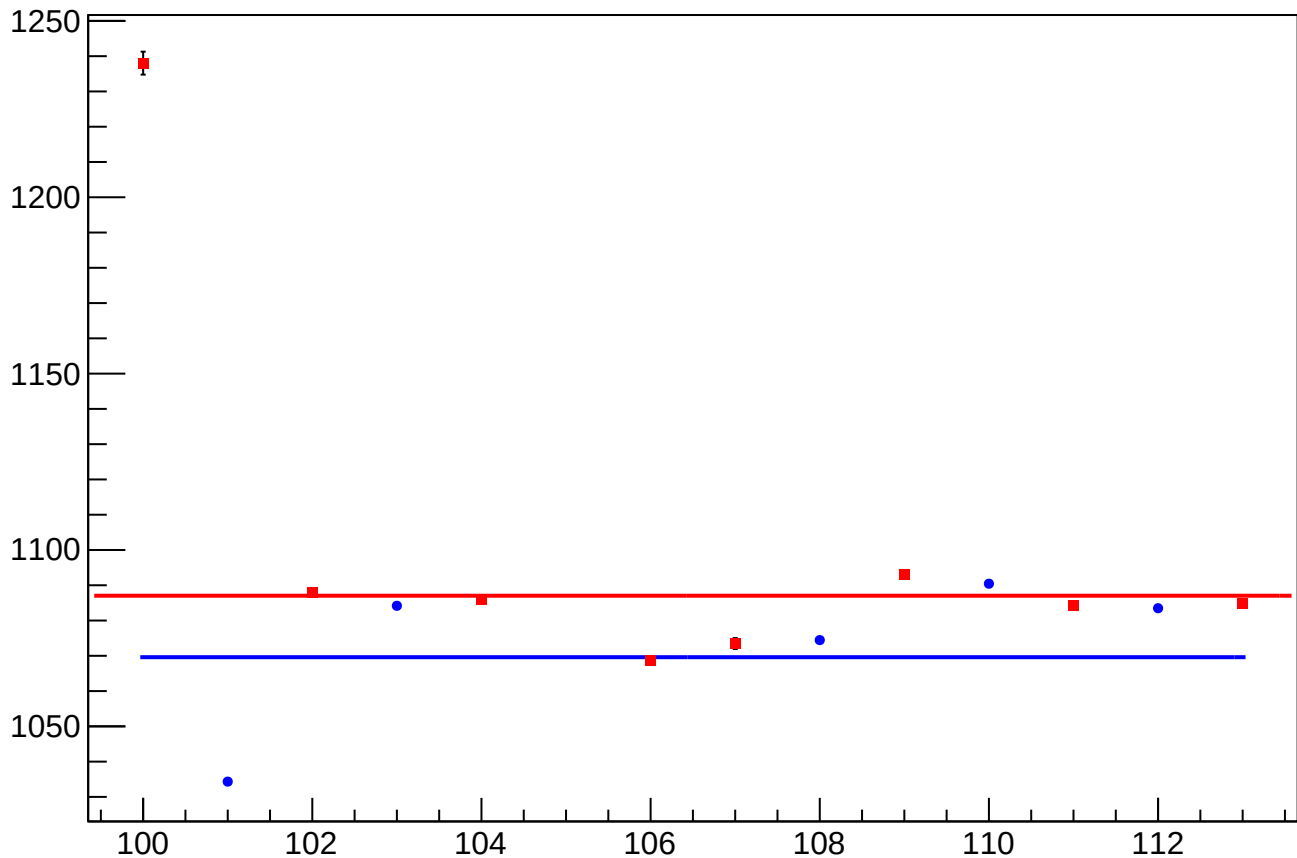
Right: 1877.878+/-447.688 χ^2/NDF : 7.7/12

In: 2679.414+/-671.908 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1877.878+/-447.688 χ^2/NDF : 7.7/12

eigen_cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1069.609 $\pm$ 0.475 χ^2 /NDF: 2203.7/4

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

Right Out: 1087.033 $\pm$ 0.425 χ^2 /NDF: 2471.6/7

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

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

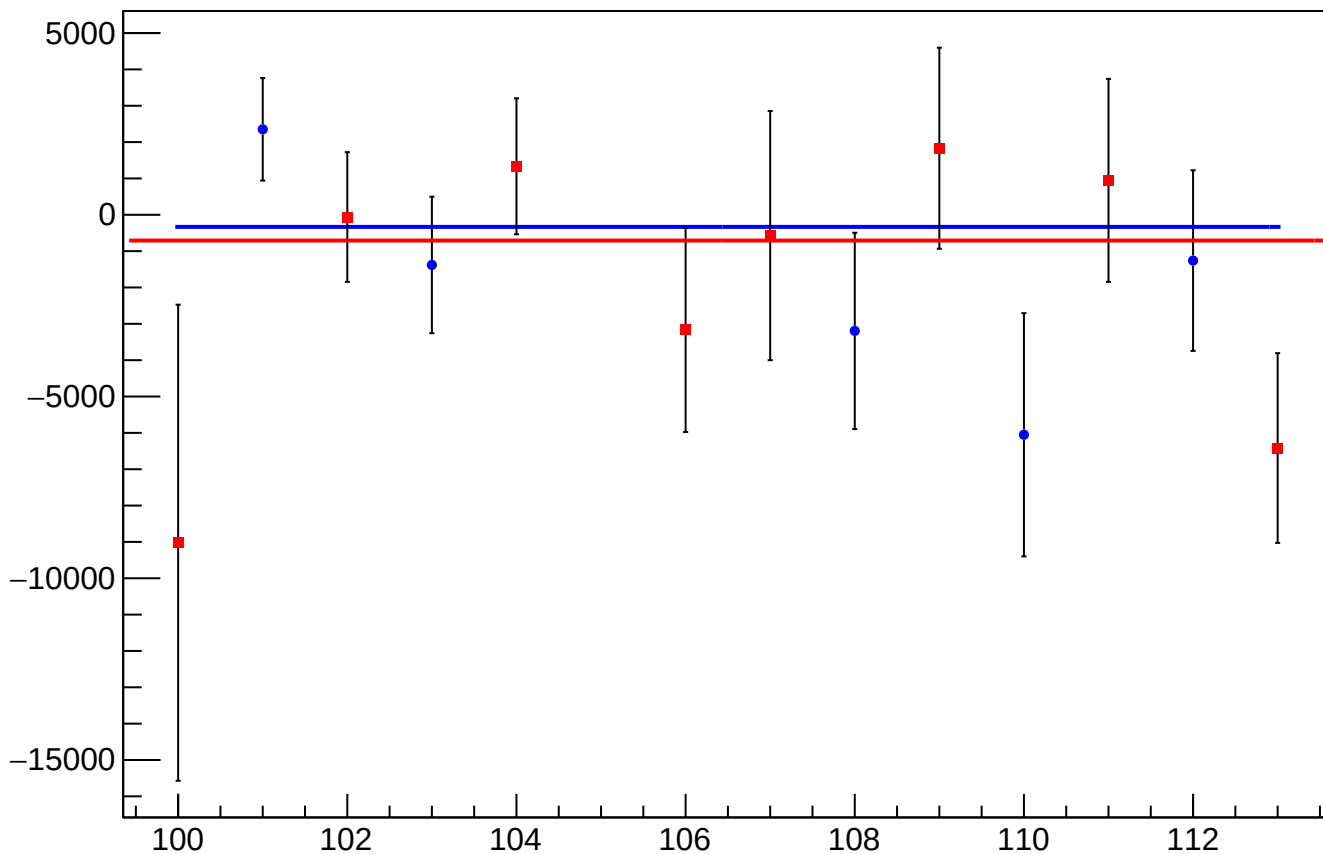
Right: 1079.298 $\pm$ 0.317 χ^2 /NDF: 5423.3/12

In: 1069.609 $\pm$ 0.475 χ^2 /NDF:2203.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1079.298 $\pm$ 0.317 χ^2 /NDF: 5423.3/12

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: -708.997+/-897.623 χ^2/NDF : 9.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

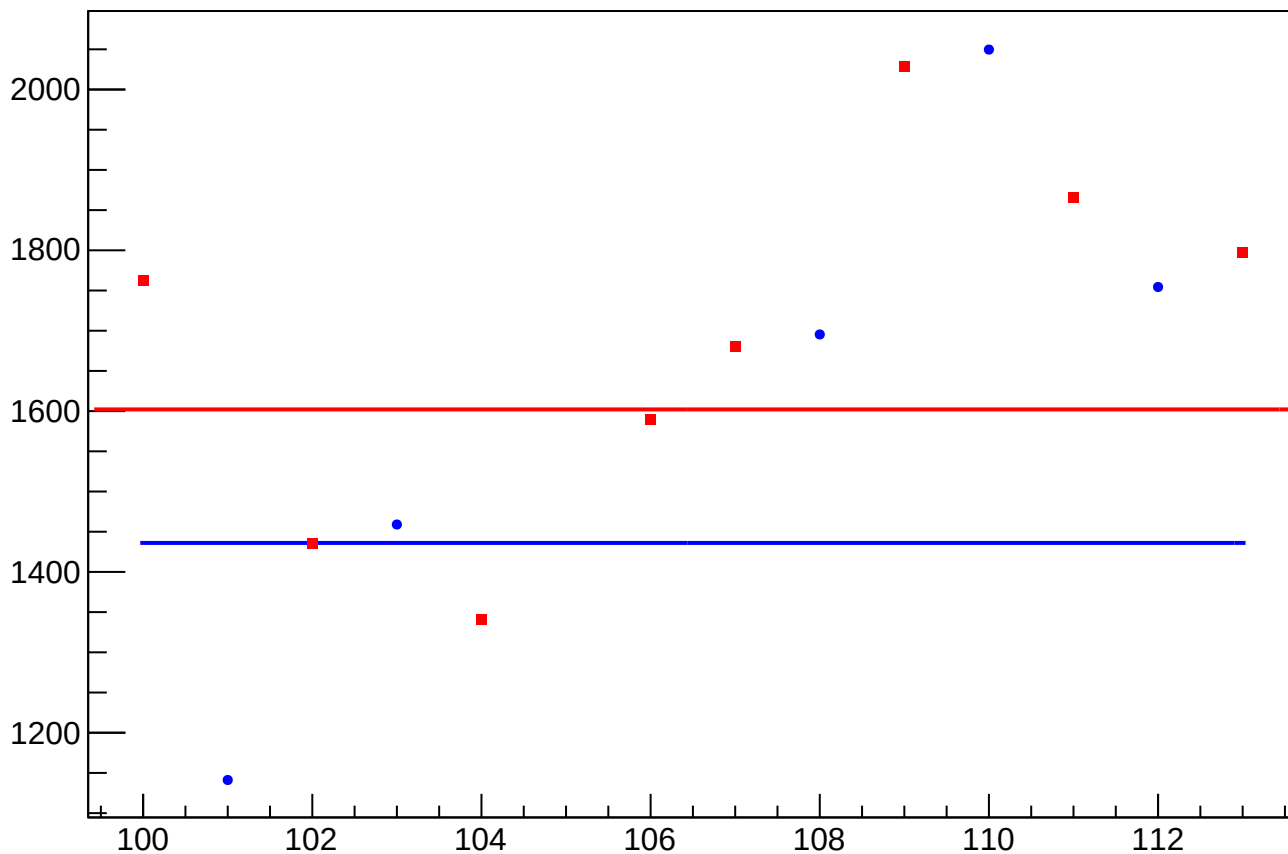
Right: -525.889+/-643.300 χ^2/NDF : 17.9/12

In: -332.530+/-922.410 χ^2/NDF : 8.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -525.889+/-643.300 χ^2/NDF : 17.9/12

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: 1602.119+/-0.635 χ^2/NDF : 135021.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

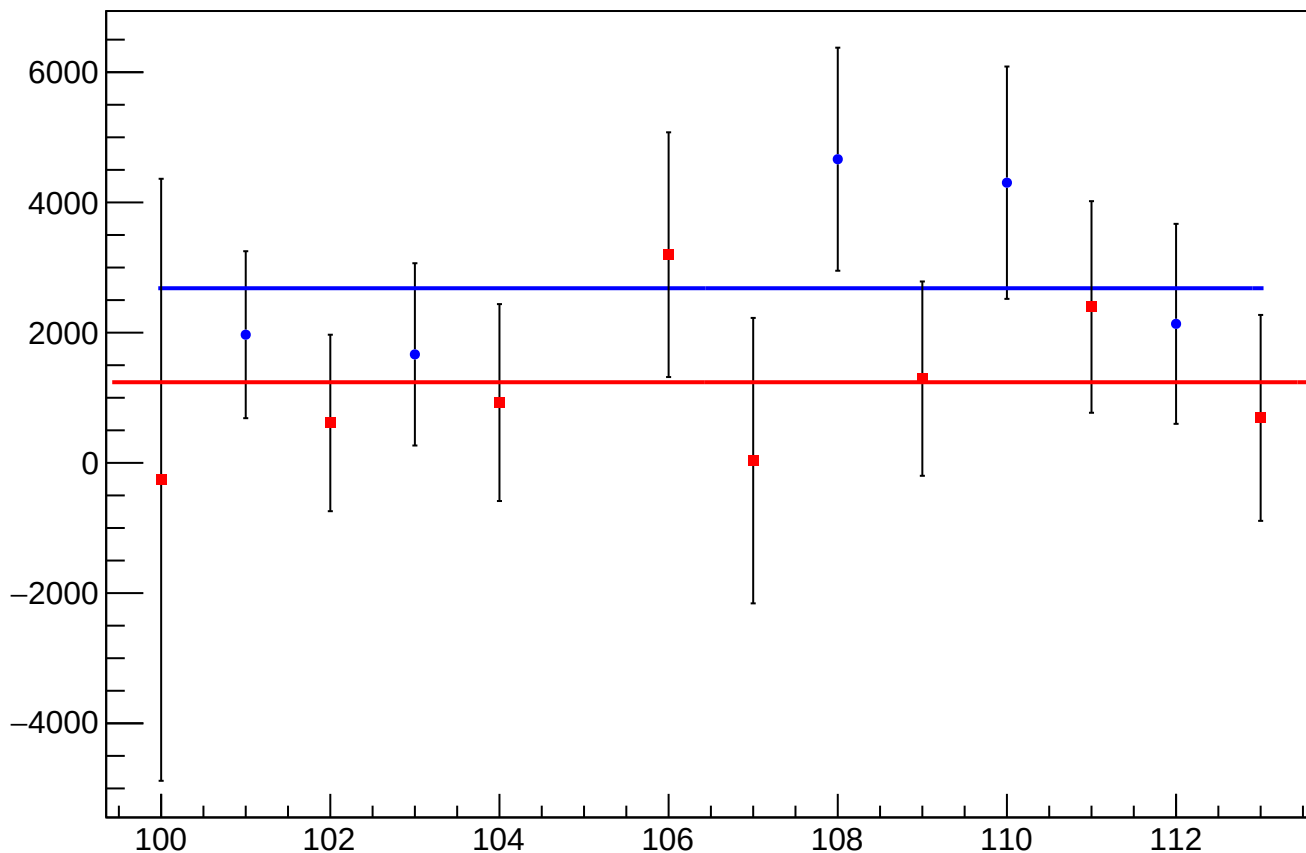
Right: 1521.358+/-0.455 χ^2/NDF : 374626.9/12

In: 1436.076+/-0.652 χ^2/NDF : 206320.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1521.358+/-0.455 χ^2/NDF : 374626.9/12

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: 1238.656+/-603.277 χ^2/NDF : 2.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

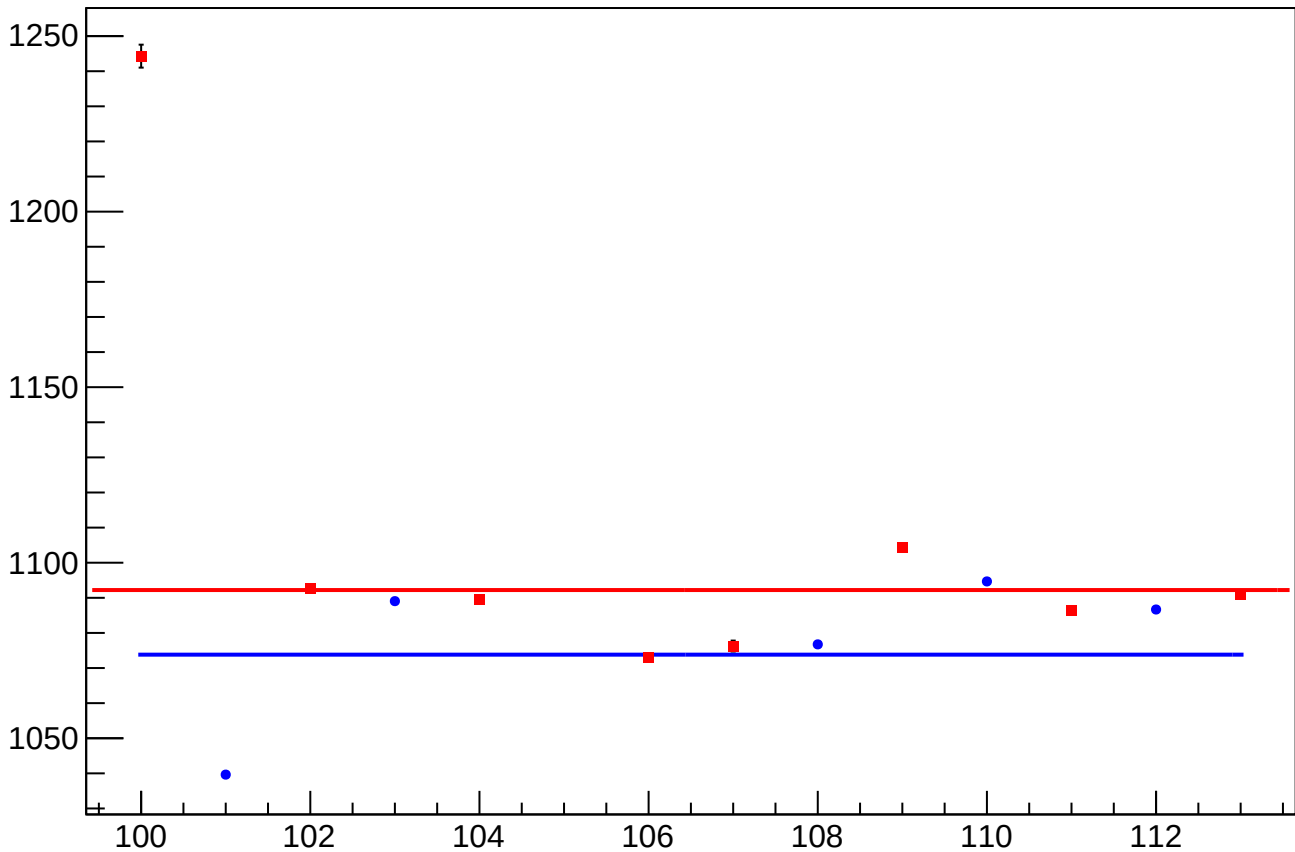
Right: 1880.173+/-449.675 χ^2/NDF : 8.0/12

In: 2682.220+/-674.547 χ^2/NDF : 3.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1880.173+/-449.675 χ^2/NDF : 8.0/12

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: 1092.214+/-0.427 χ^2/NDF : 2646.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

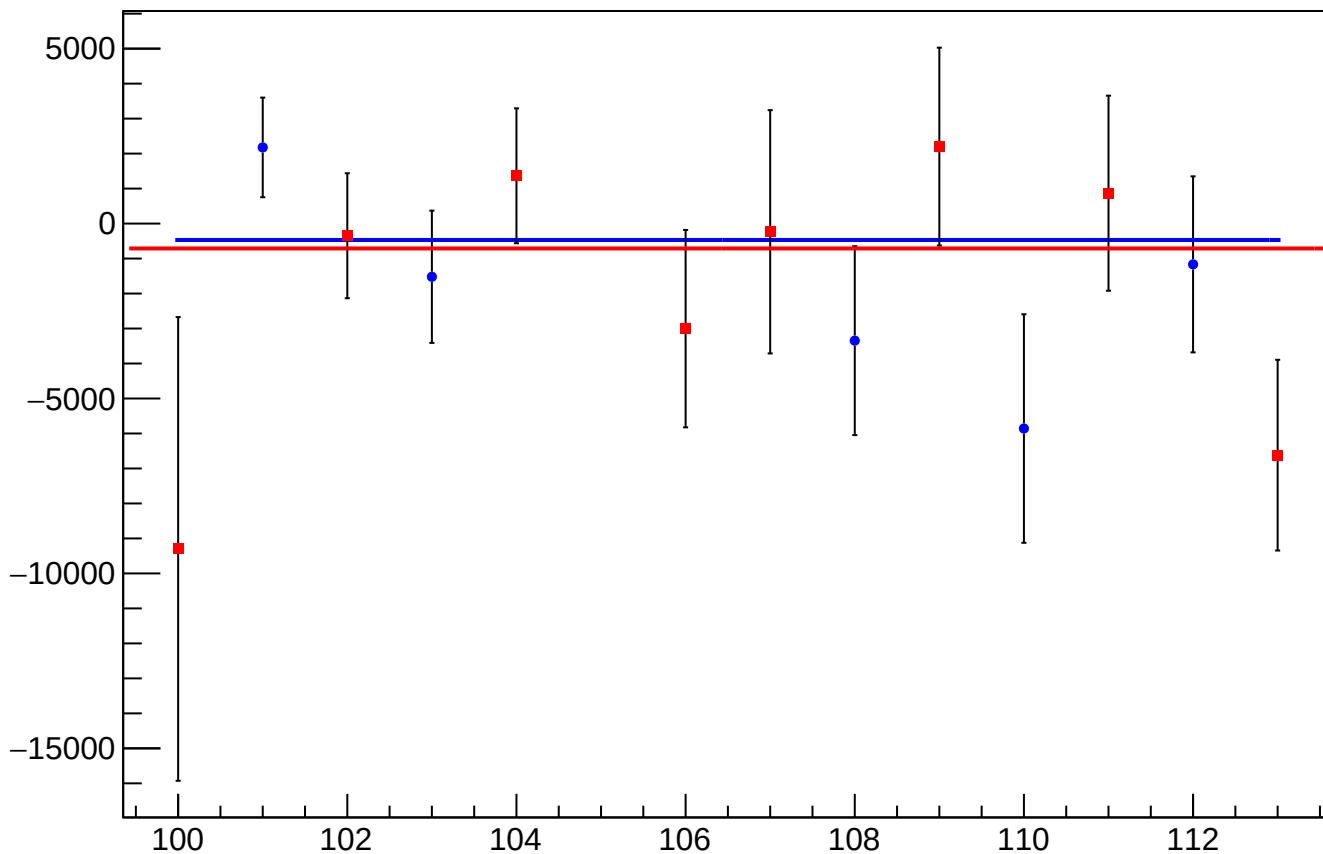
Right: 1084.036+/-0.318 χ^2/NDF : 5550.5/12

In: 1073.811+/-0.477 χ^2/NDF : 2077.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1084.036+/-0.318 χ^2/NDF : 5550.5/12

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: -711.256 $\pm$ 912.208 χ^2 /NDF: 9.6/7

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

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

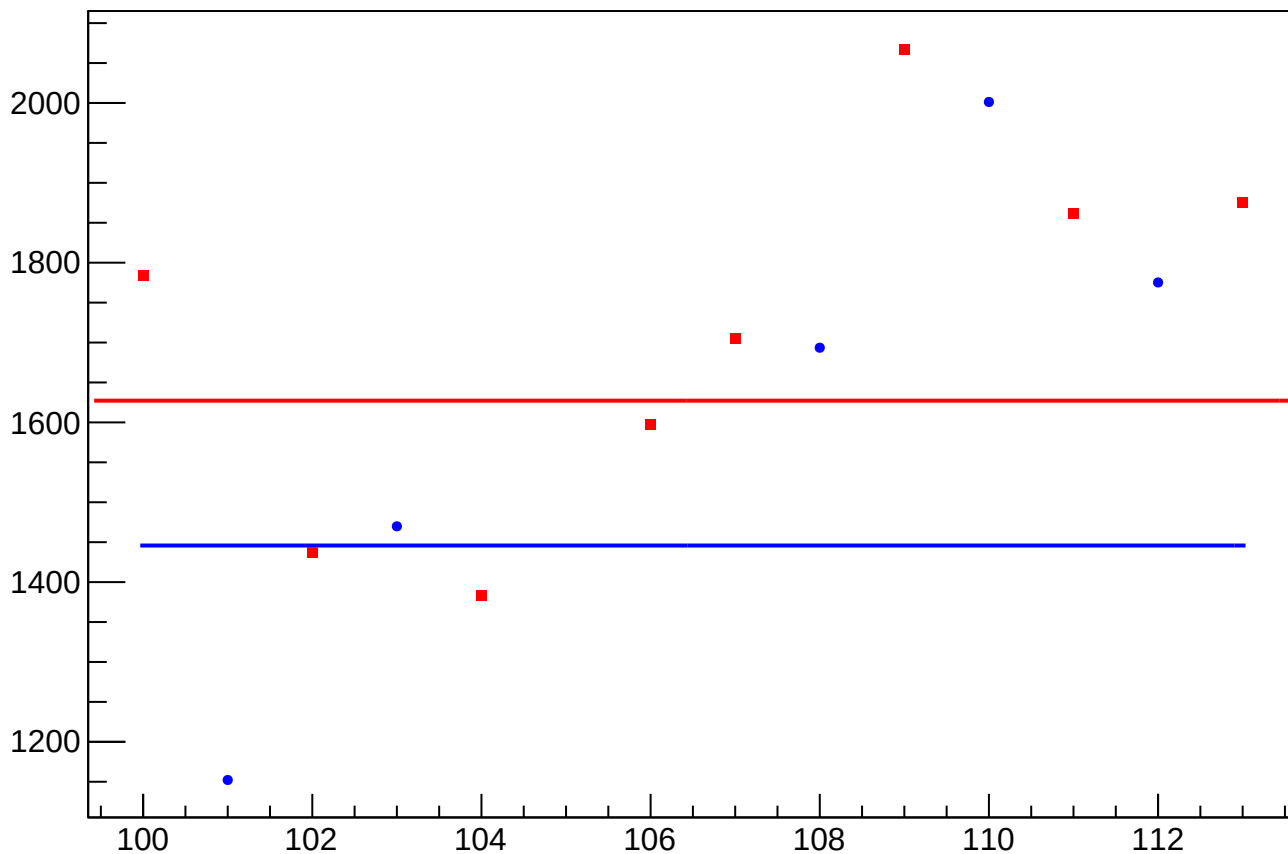
Right: -592.044 $\pm$ 650.355 χ^2 /NDF: 17.4/12

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: -592.044 $\pm$ 650.355 χ^2 /NDF: 17.4/12

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: 1627.241+/-0.645 χ^2/NDF : 135919.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

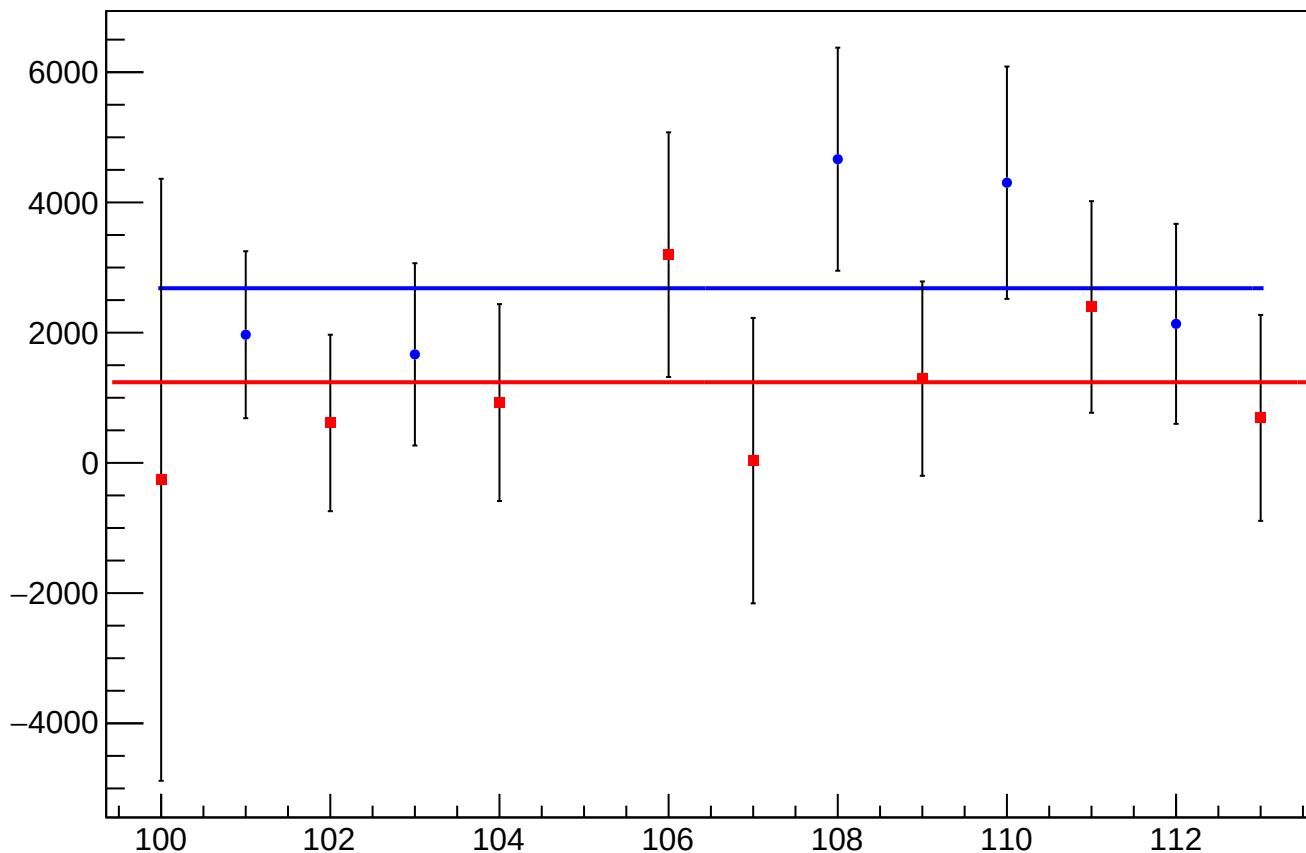
Right: 1538.035+/-0.460 χ^2/NDF : 369191.5/12

In: 1445.820+/-0.656 χ^2/NDF : 194374.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1538.035+/-0.460 χ^2/NDF : 369191.5/12

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: 1238.658+/-603.277 χ^2/NDF : 2.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

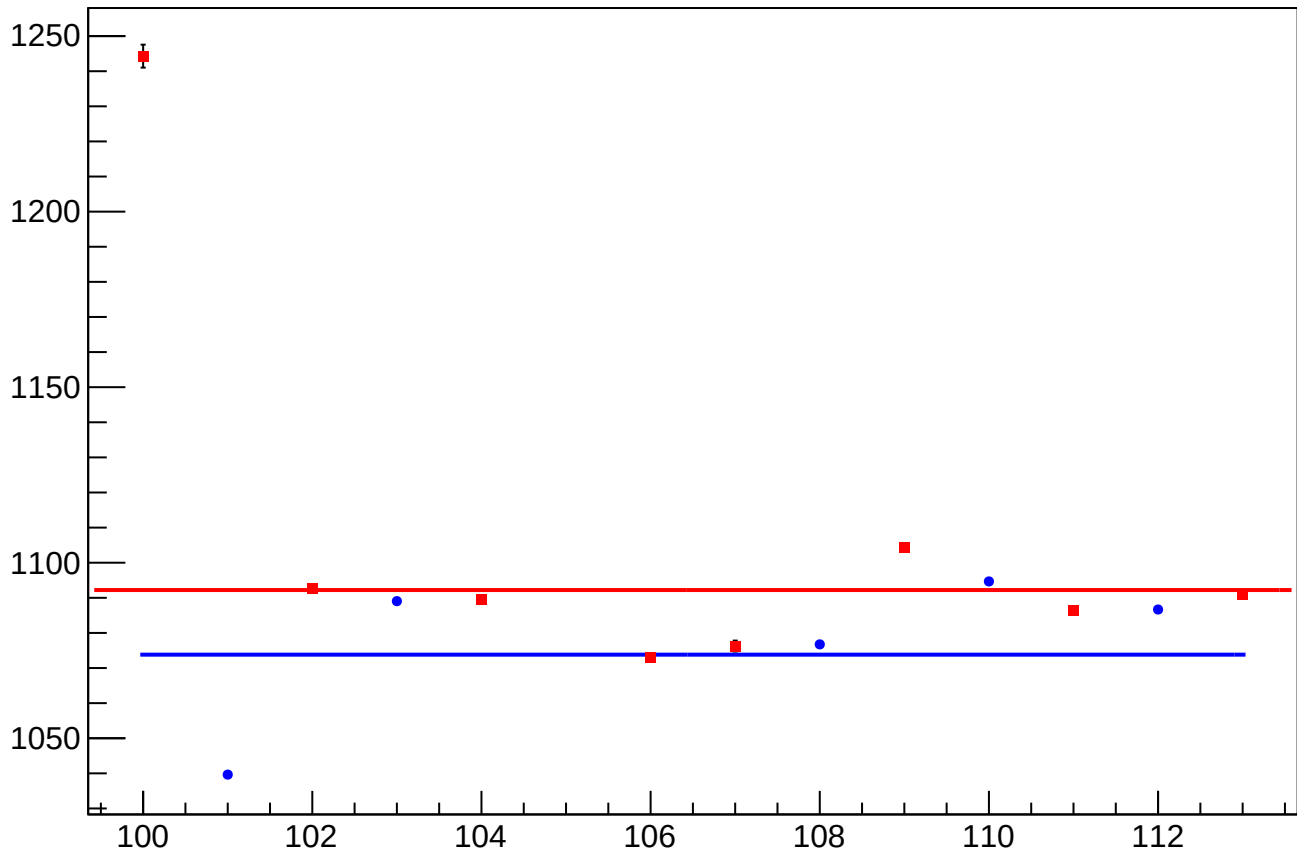
Right: 1880.176+/-449.675 χ^2/NDF : 8.0/12

In: 2682.223+/-674.547 χ^2/NDF : 3.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1880.176+/-449.675 χ^2/NDF : 8.0/12

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: 1092.214+/-0.427 χ^2/NDF : 2646.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

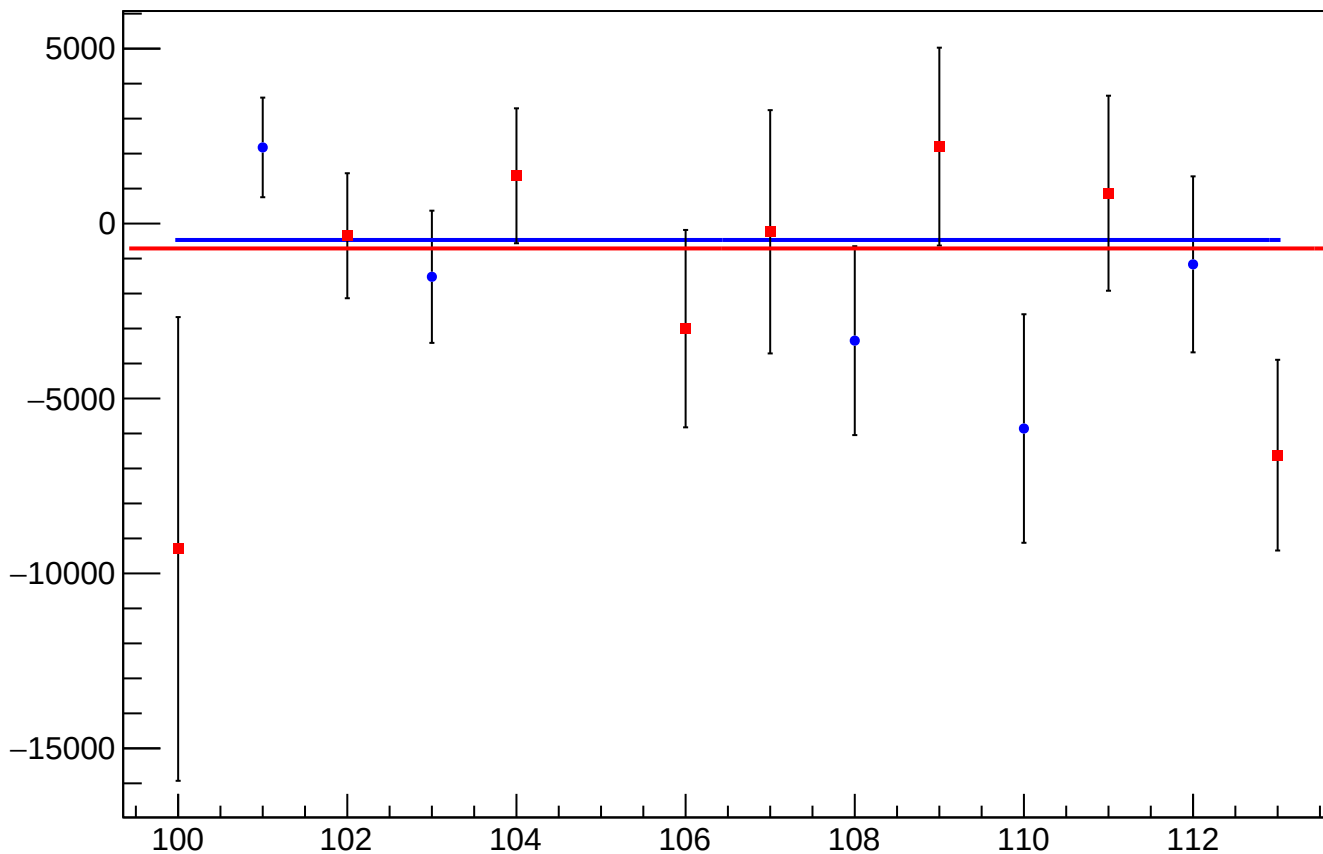
Right: 1084.036+/-0.318 χ^2/NDF : 5550.5/12

In: 1073.811+/-0.477 χ^2/NDF : 2077.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1084.036+/-0.318 χ^2/NDF : 5550.5/12

asym_usr_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -468.814 $\pm$ 927.464 χ^2 /NDF: 7.7/4

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

Right Out: -711.262 $\pm$ 912.208 χ^2 /NDF: 9.6/7

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

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

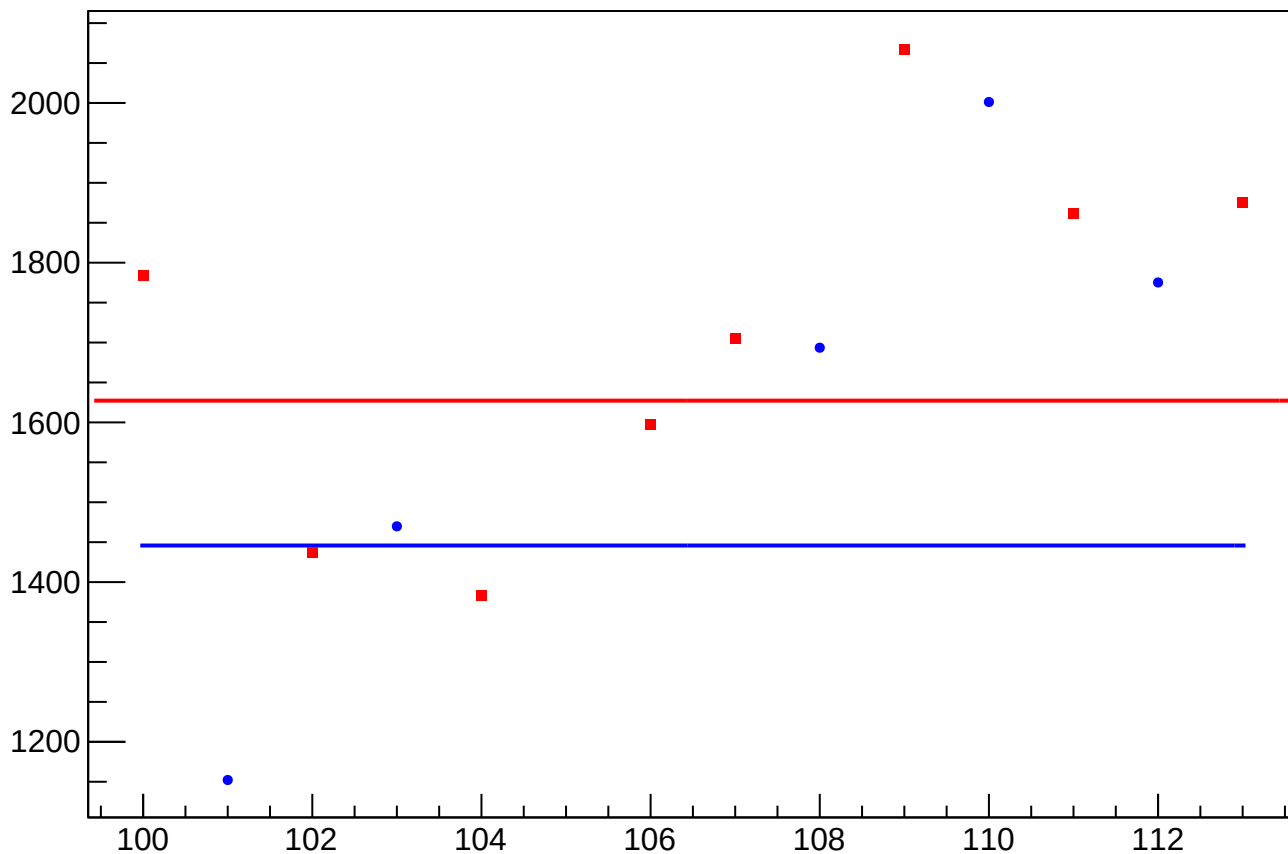
Right: -592.049 $\pm$ 650.355 χ^2 /NDF: 17.4/12

In: -468.814 $\pm$ 927.464 χ^2 /NDF: 7.7/4

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

All: -592.049 $\pm$ 650.355 χ^2 /NDF: 17.4/12

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: 1627.242+/-0.645 χ^2/NDF : 135914.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

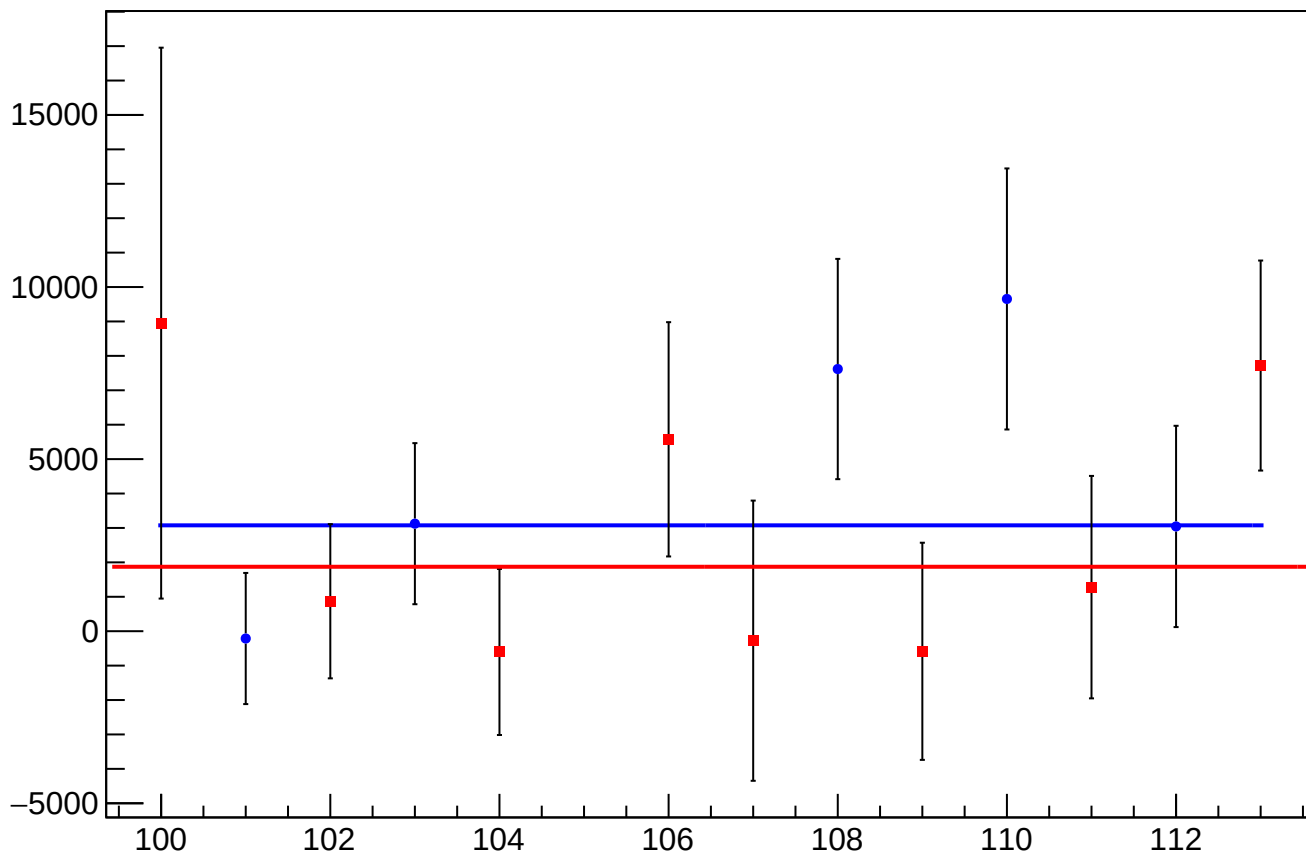
Right: 1538.035+/-0.460 χ^2/NDF : 369184.2/12

In: 1445.819+/-0.656 χ^2/NDF : 194371.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1538.035+/-0.460 χ^2/NDF : 369184.2/12

asym_usr_mean vs Slug, Sign Corrected



Right In: 3075.836 $\pm$ 1160.794 χ^2 /NDF: 8.0/4

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

Right Out: 1872.273 $\pm$ 1093.107 χ^2 /NDF: 7.8/7

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

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

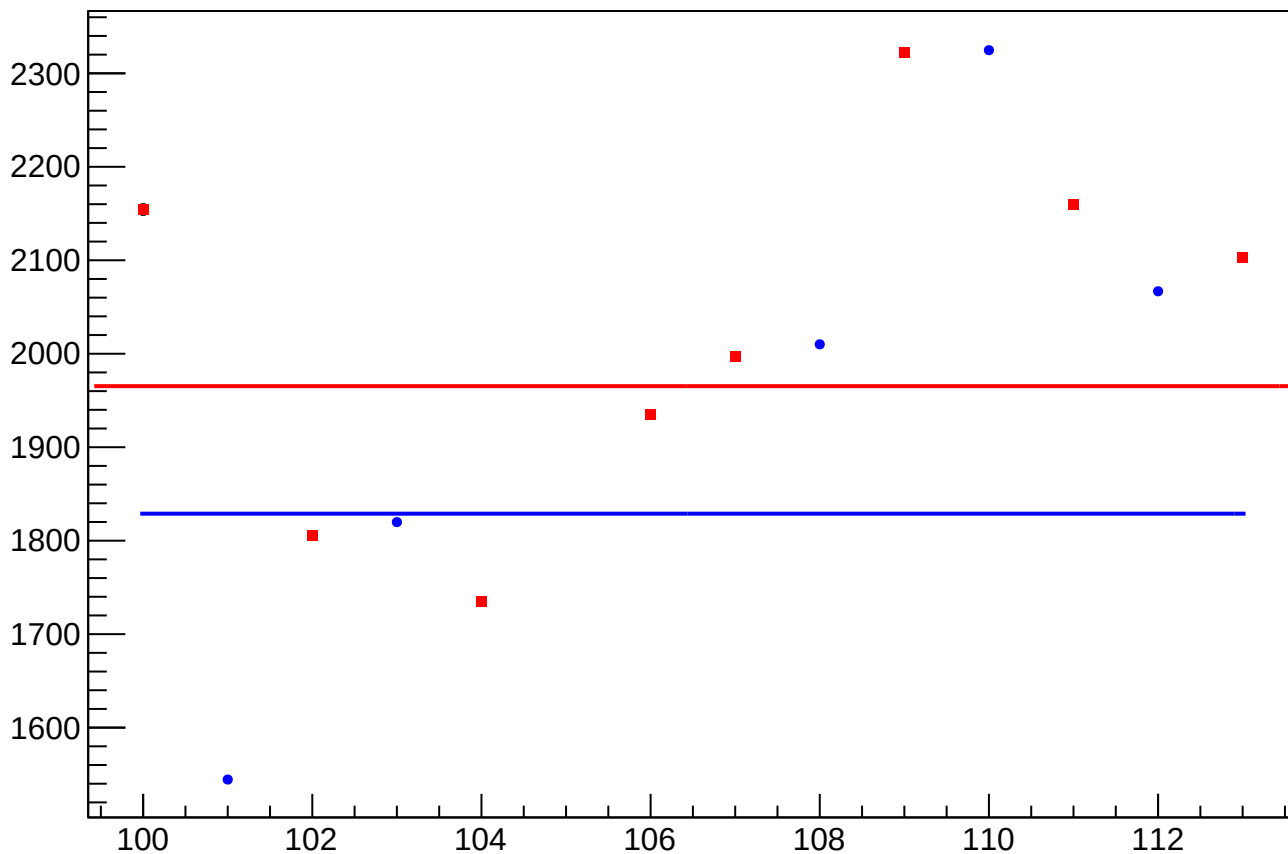
Right: 2437.943 $\pm$ 795.797 χ^2 /NDF: 16.4/12

In: 3075.836 $\pm$ 1160.794 χ^2 /NDF:8.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2437.943 $\pm$ 795.797 χ^2 /NDF: 16.4/12

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: 1965.317+/-0.773 χ^2/NDF : 66638.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

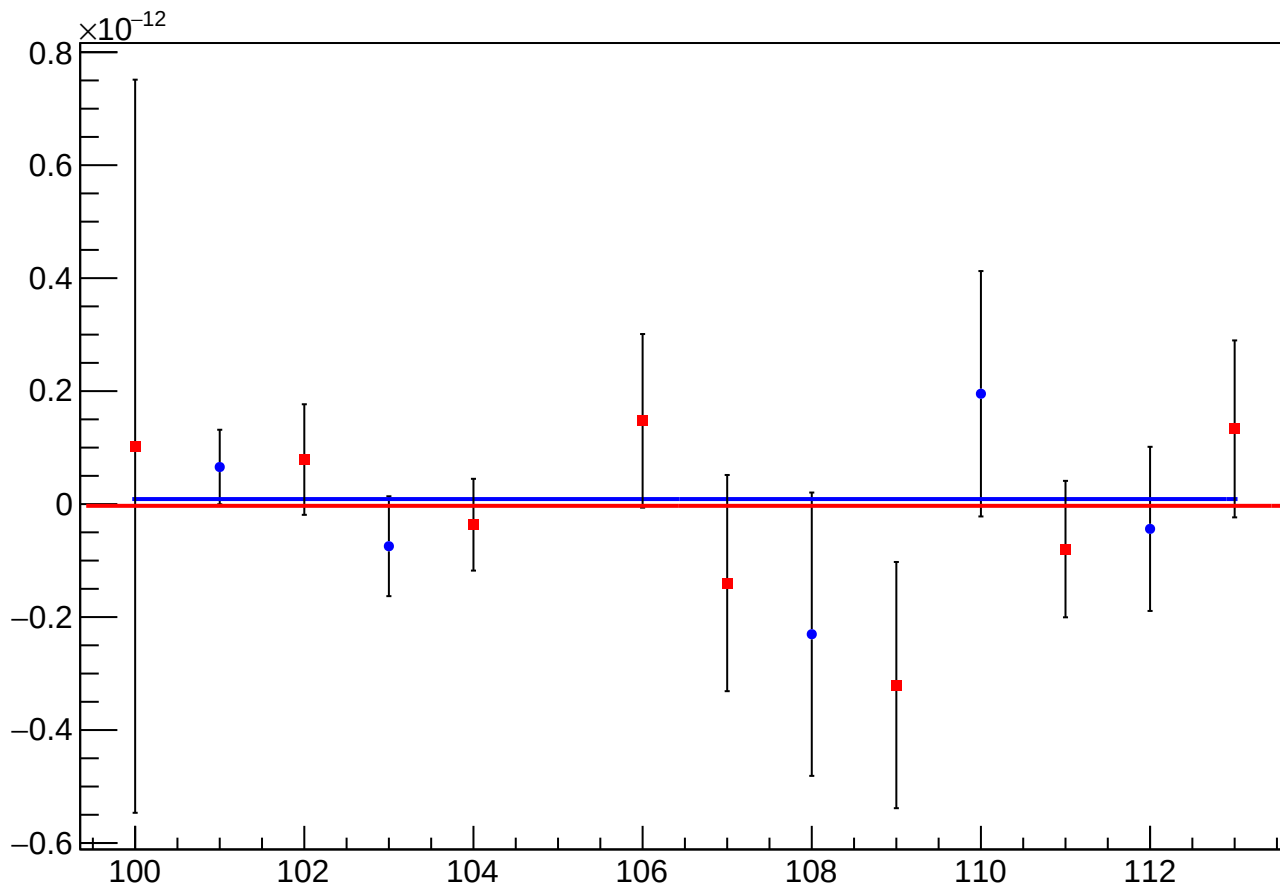
Right: 1901.194+/-0.563 χ^2/NDF : 179722.7/12

In: 1828.884+/-0.821 χ^2/NDF : 98440.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1901.194+/-0.563 χ^2/NDF : 179722.7/12

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 : 5.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

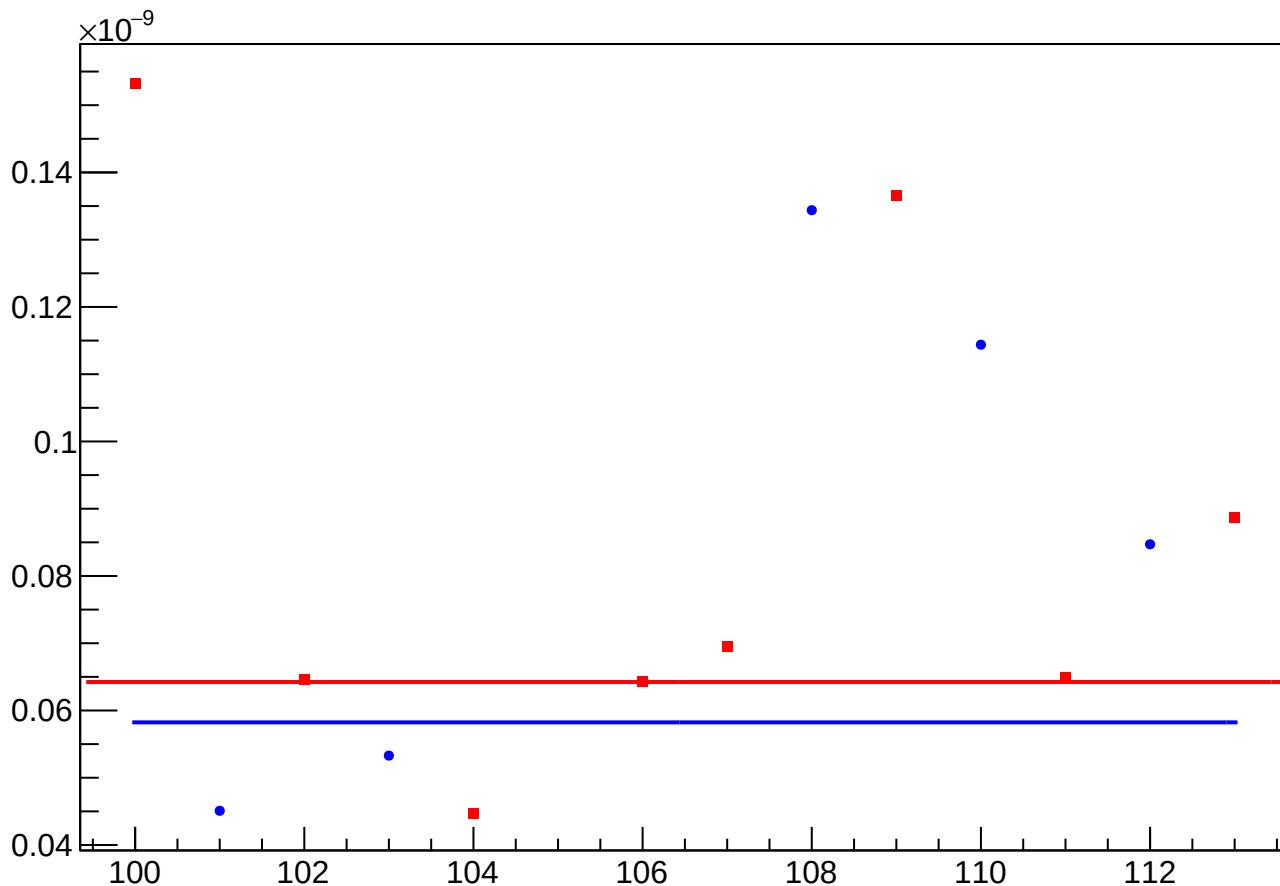
Right: 0.000+/-0.000 χ^2/NDF : 9.1/12

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 : 9.1/12

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 : 423561.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

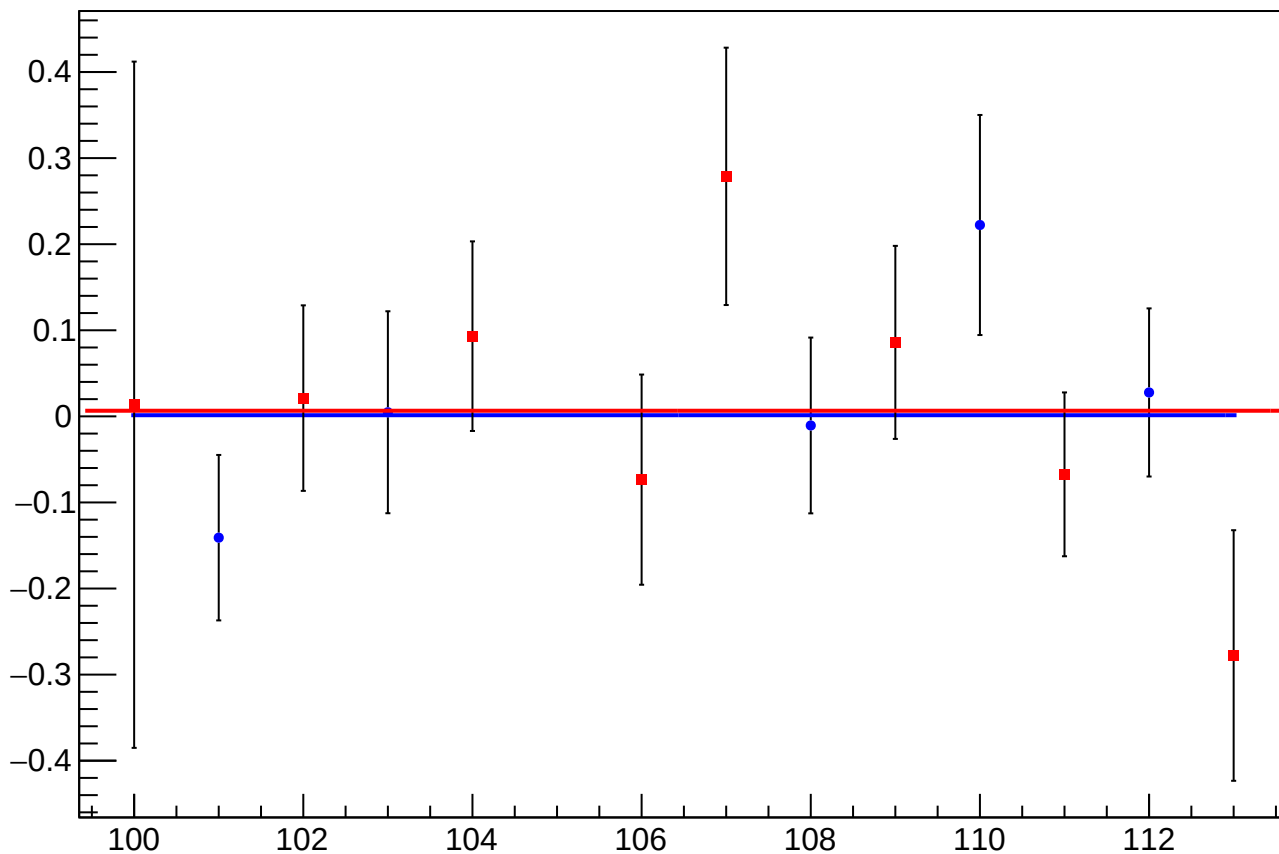
Right: 0.000+/-0.000 χ^2/NDF : 909958.8/12

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 : 909958.8/12

asym_usr_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: 0.007+/-0.044 χ^2/NDF : 9.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

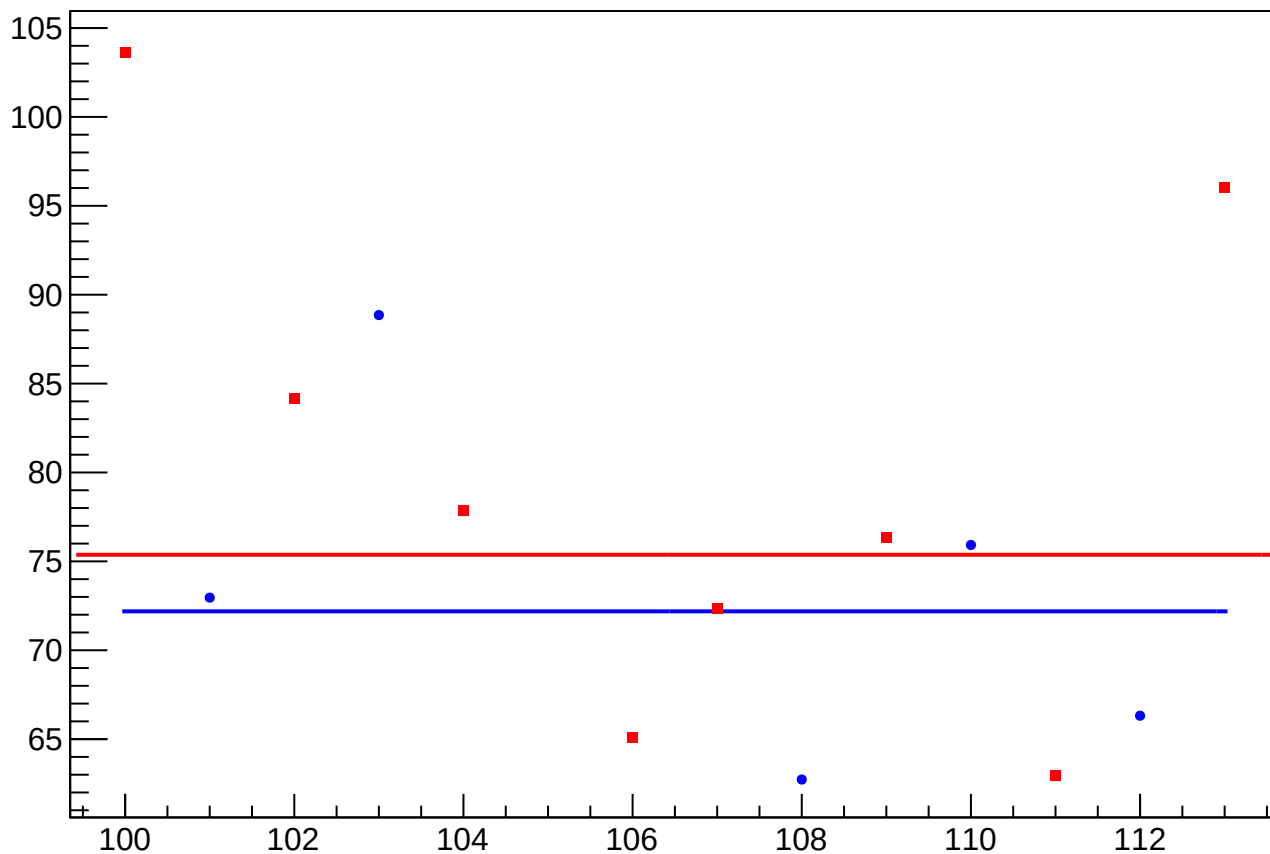
Right: 0.004+/-0.032 χ^2/NDF : 14.6/12

In: 0.001+/-0.048 χ^2/NDF : 5.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.032 χ^2/NDF : 14.6/12

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: 75.371+/-0.031 χ^2/NDF : 113903.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

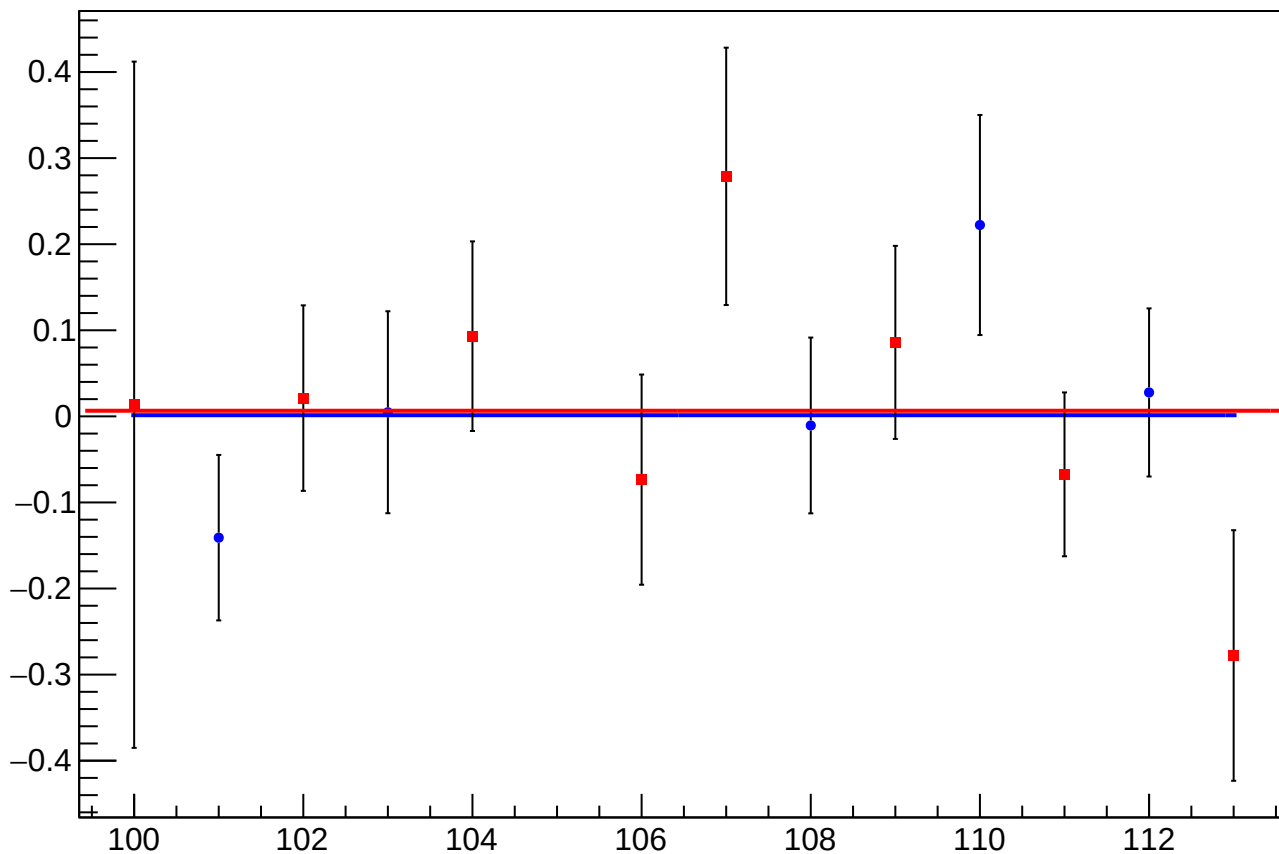
Right: 73.913+/-0.023 χ^2/NDF : 185356.0/12

In: 72.189+/-0.034 χ^2/NDF : 66590.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.913+/-0.023 χ^2/NDF : 185356.0/12

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: 0.007+/-0.044 χ^2/NDF : 9.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

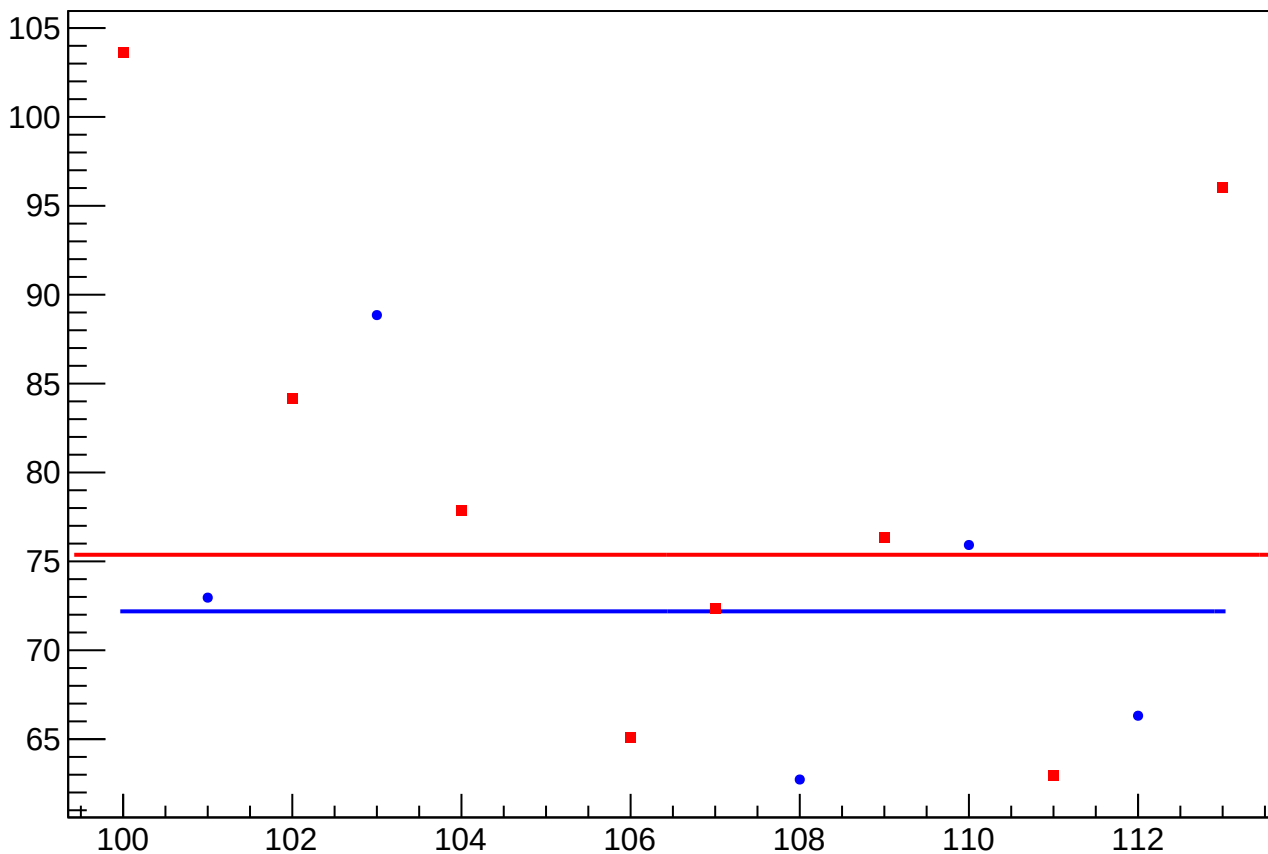
Right: 0.004+/-0.032 χ^2/NDF : 14.6/12

In: 0.001+/-0.048 χ^2/NDF : 5.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.032 χ^2/NDF : 14.6/12

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: 75.371+/-0.031 χ^2/NDF : 113903.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

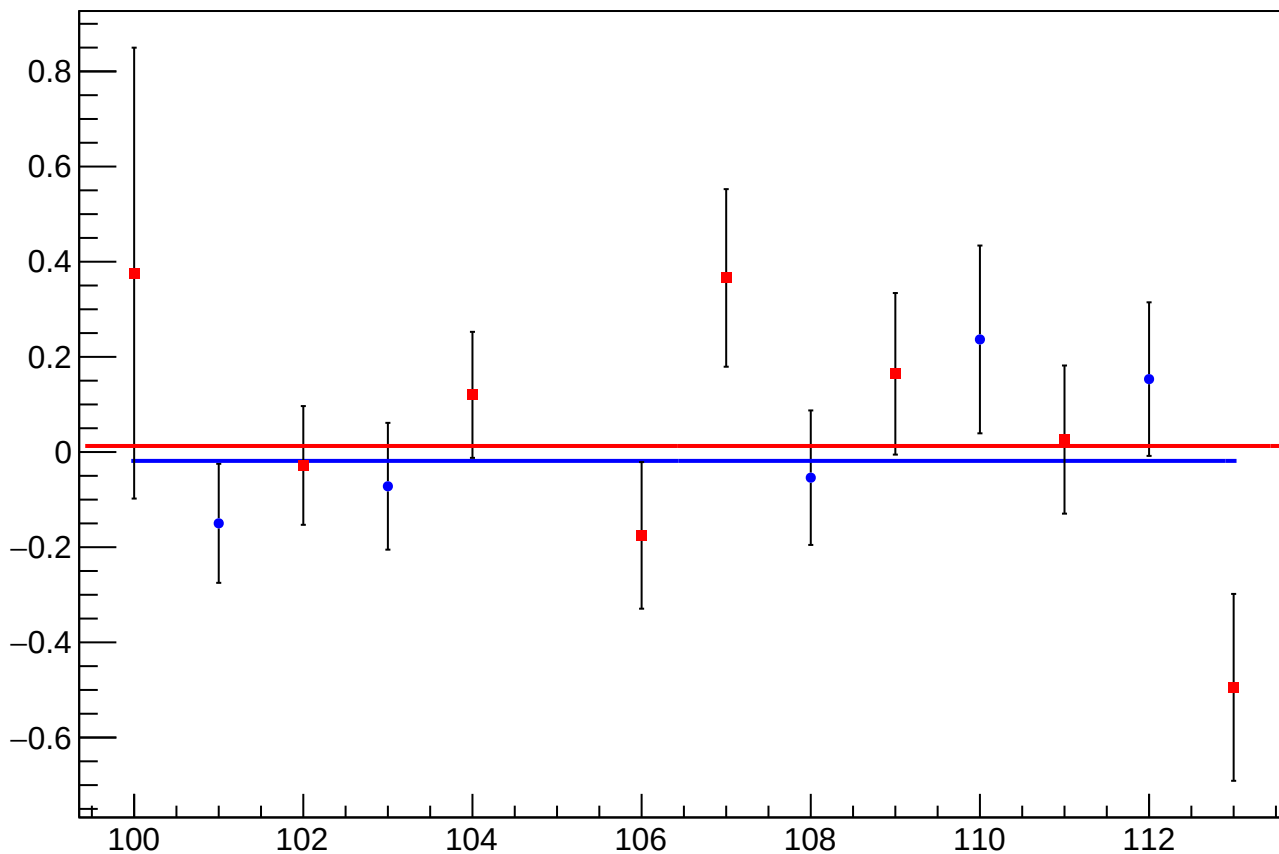
Right: 73.913+/-0.023 χ^2/NDF : 185356.0/12

In: 72.189+/-0.034 χ^2/NDF : 66590.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.913+/-0.023 χ^2/NDF : 185356.0/12

asym_usr_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: 0.013+/-0.058 χ^2/NDF : 13.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

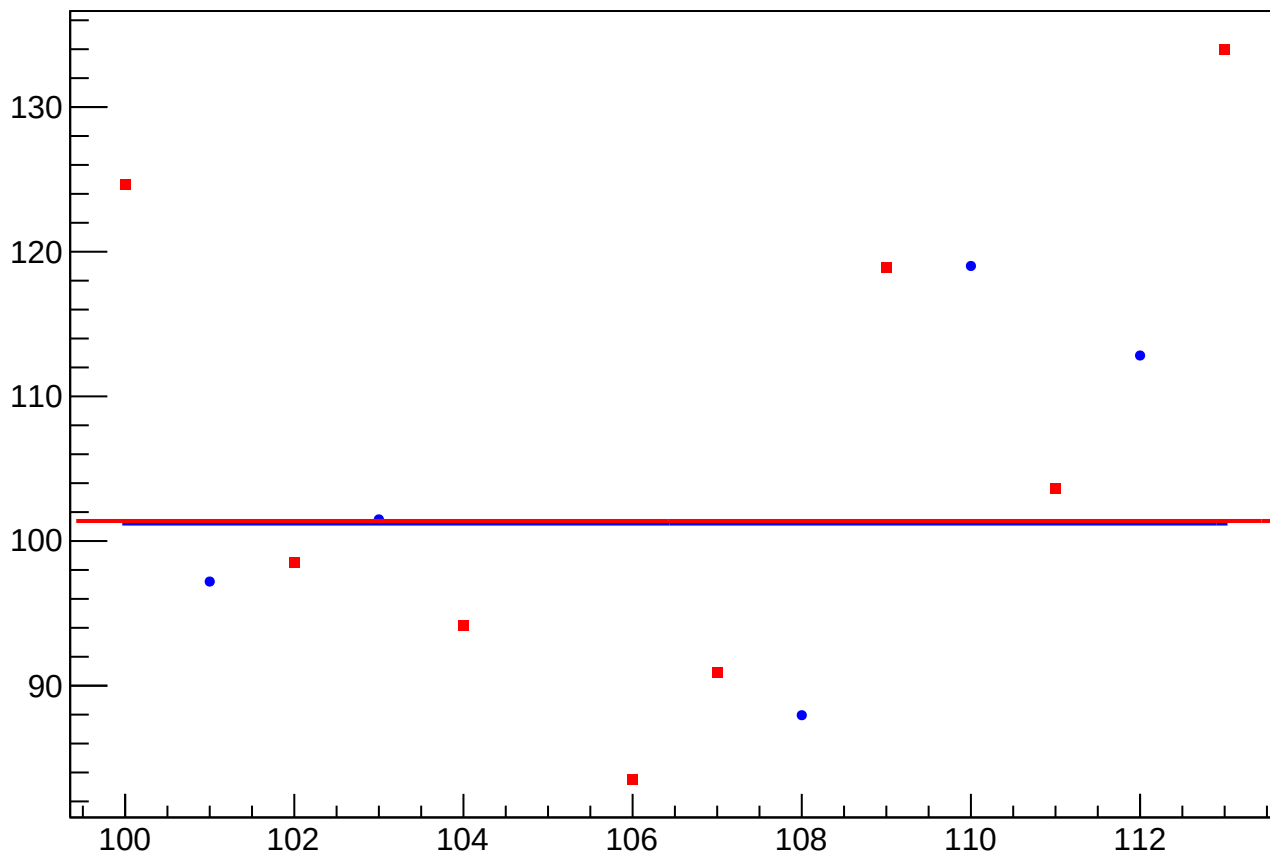
Right: -0.001+/-0.043 χ^2/NDF : 18.2/12

In: -0.019+/-0.065 χ^2/NDF :4.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.001+/-0.043 χ^2/NDF : 18.2/12

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: 101.387+/-0.041 χ^2/NDF : 121600.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

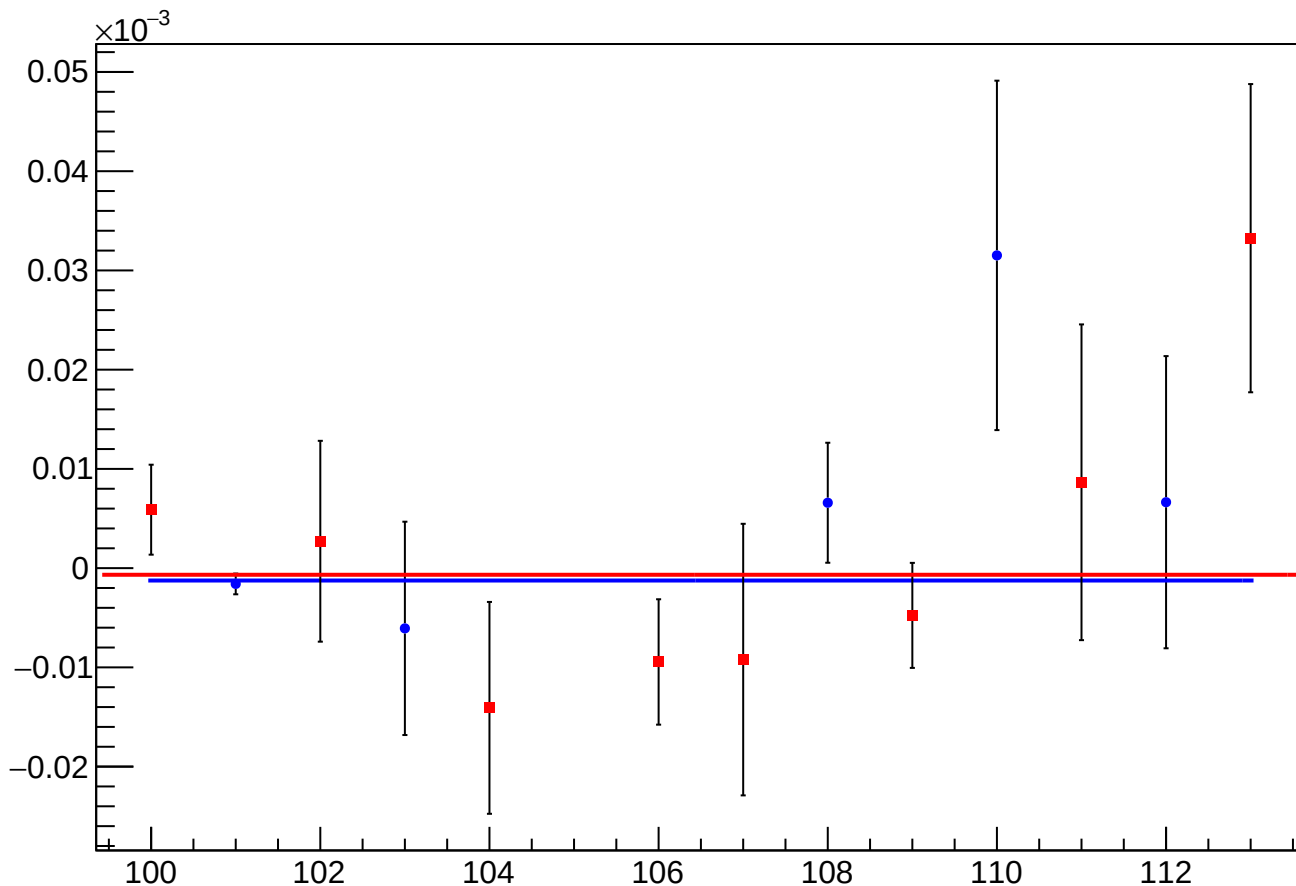
Right: 101.309+/-0.031 χ^2/NDF : 167896.9/12

In: 101.209+/-0.046 χ^2/NDF : 46287.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.309+/-0.031 χ^2/NDF : 167896.9/12

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 : 11.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

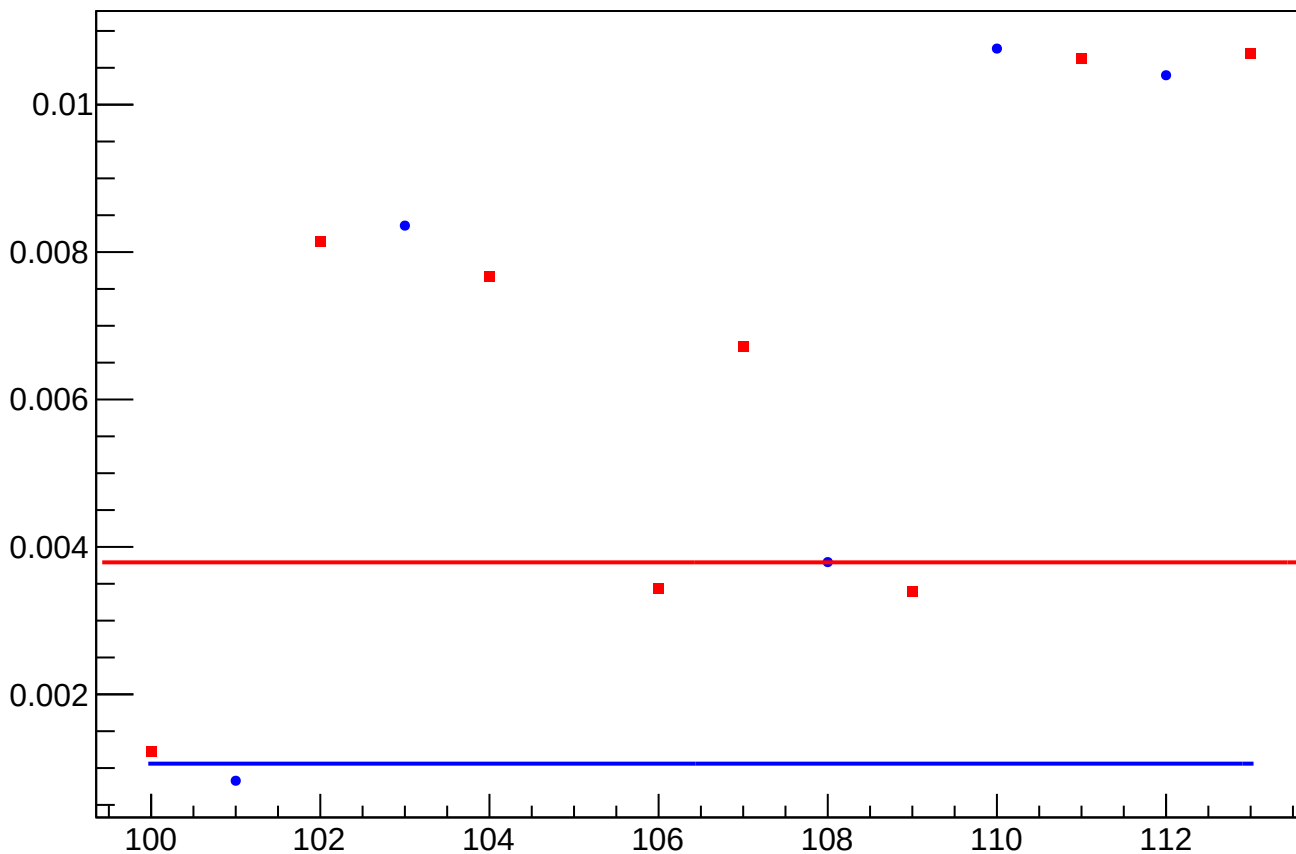
Right: -0.000+/-0.000 χ^2/NDF : 17.6/12

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 : 17.6/12

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 : 2150438.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

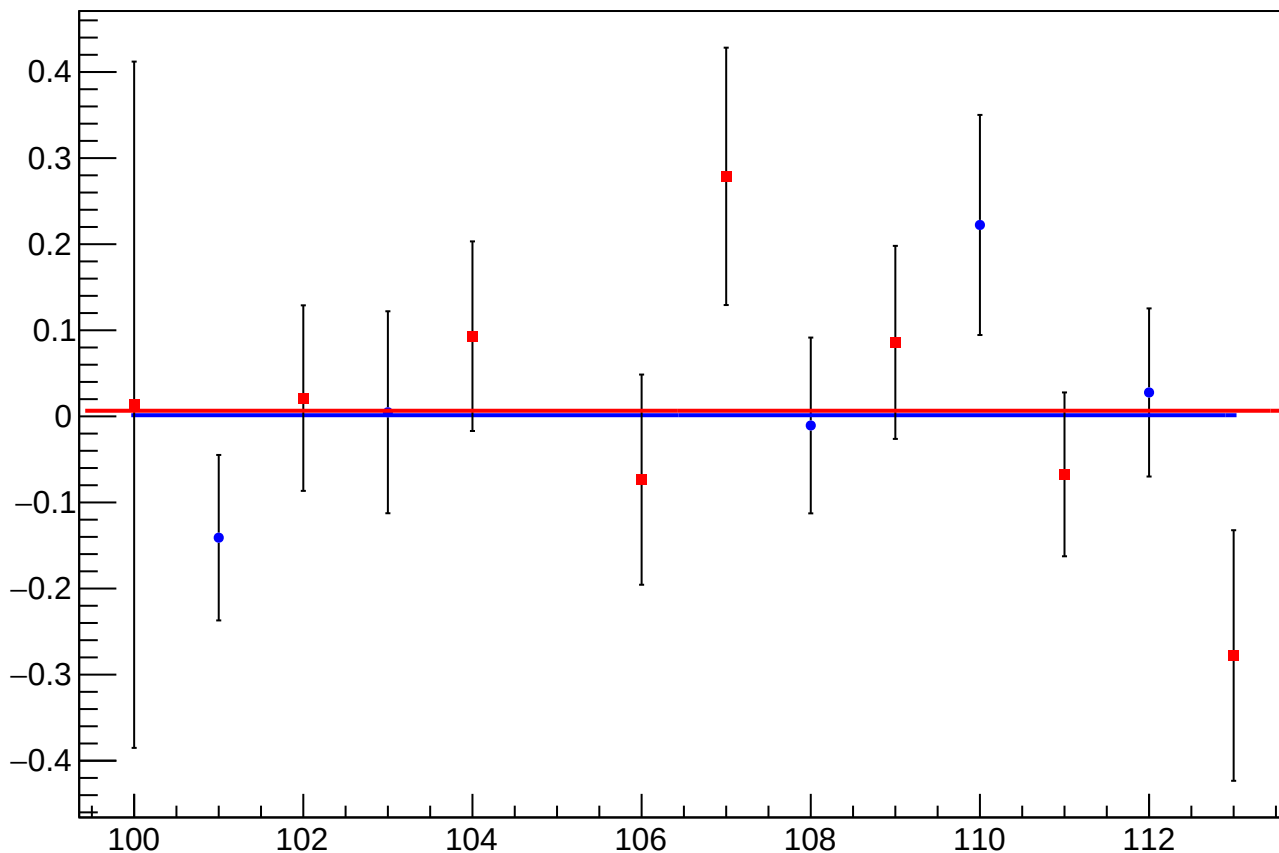
Right: 0.001+/-0.000 χ^2/NDF : 6830806.9/12

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 : 6830806.9/12

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: 0.007+/-0.044 χ^2/NDF : 9.3/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

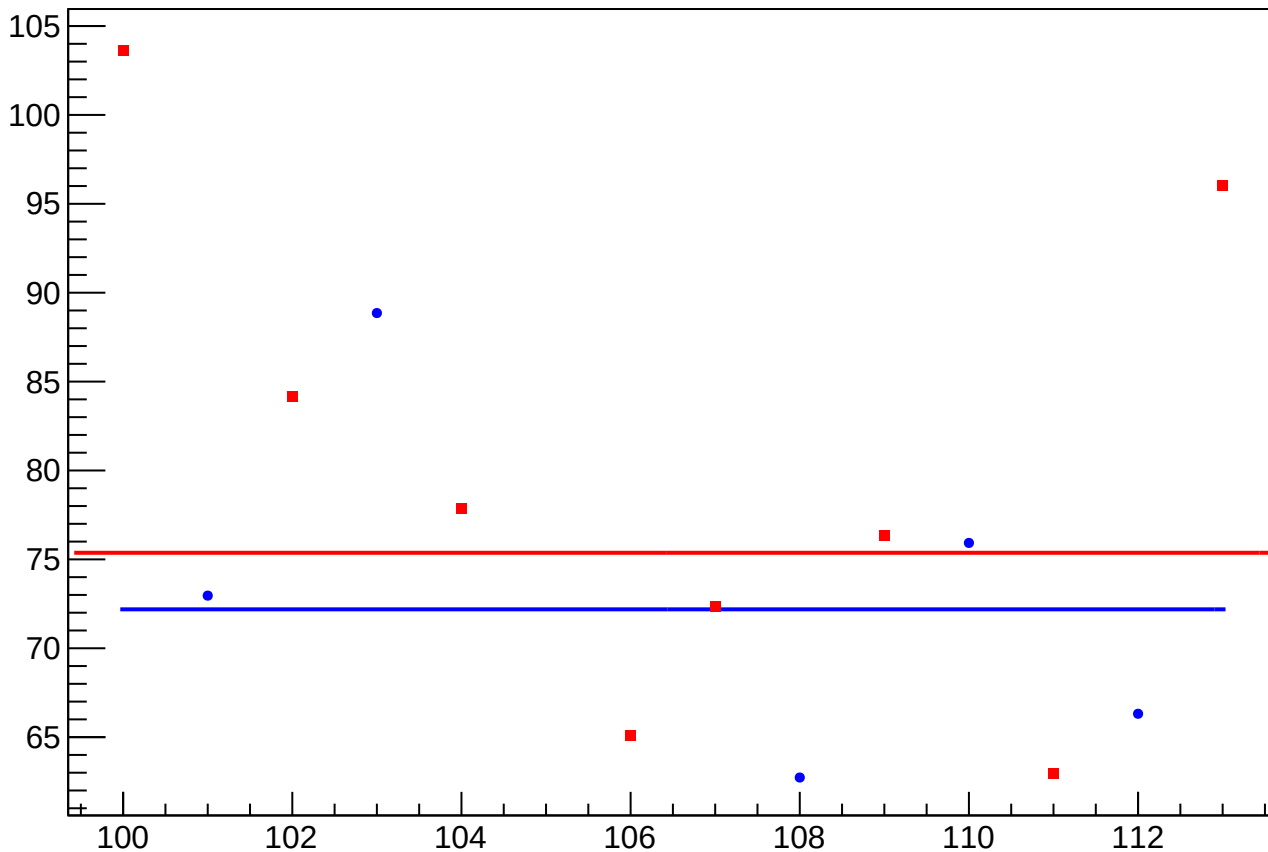
Right: 0.004+/-0.032 χ^2/NDF : 14.6/12

In: 0.001+/-0.048 χ^2/NDF :5.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.032 χ^2/NDF : 14.6/12

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: 75.372+/-0.031 χ^2/NDF : 113893.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

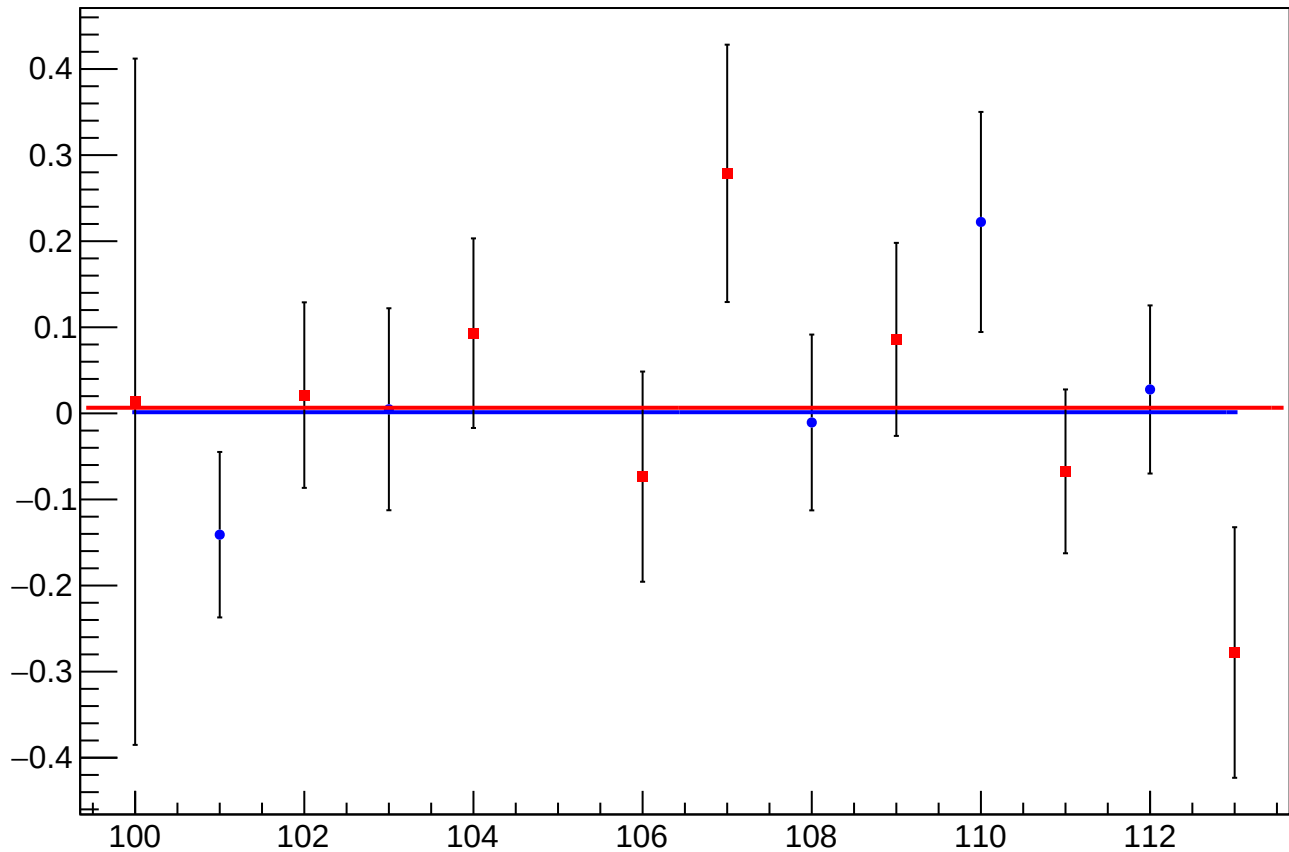
Right: 73.914+/-0.023 χ^2/NDF : 185362.2/12

In: 72.189+/-0.034 χ^2/NDF : 66607.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.914+/-0.023 χ^2/NDF : 185362.2/12

asym_usr_eigen_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: 0.007+/-0.044 χ^2/NDF : 9.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

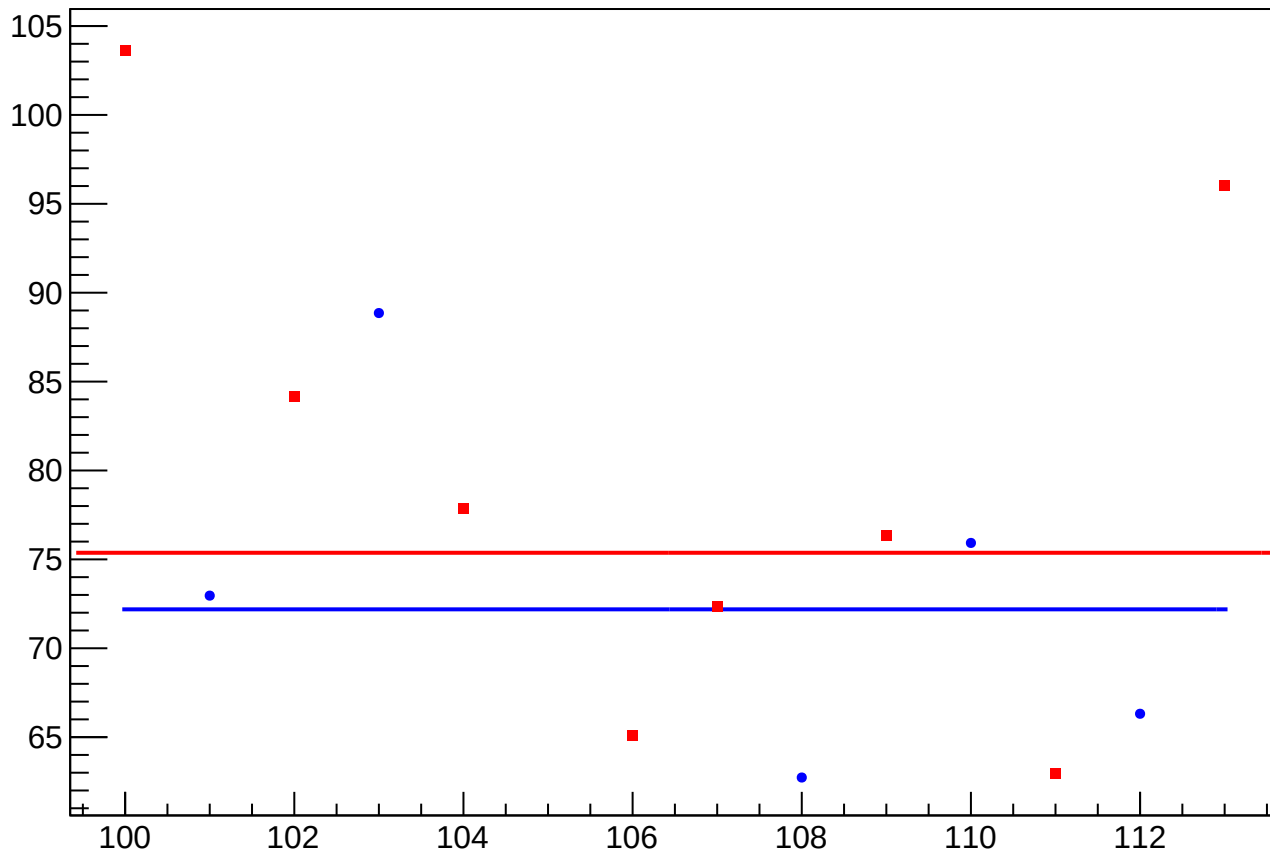
Right: 0.004+/-0.032 χ^2/NDF : 14.6/12

In: 0.001+/-0.048 χ^2/NDF : 5.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.032 χ^2/NDF : 14.6/12

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: 75.372+/-0.031 χ^2/NDF : 113893.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

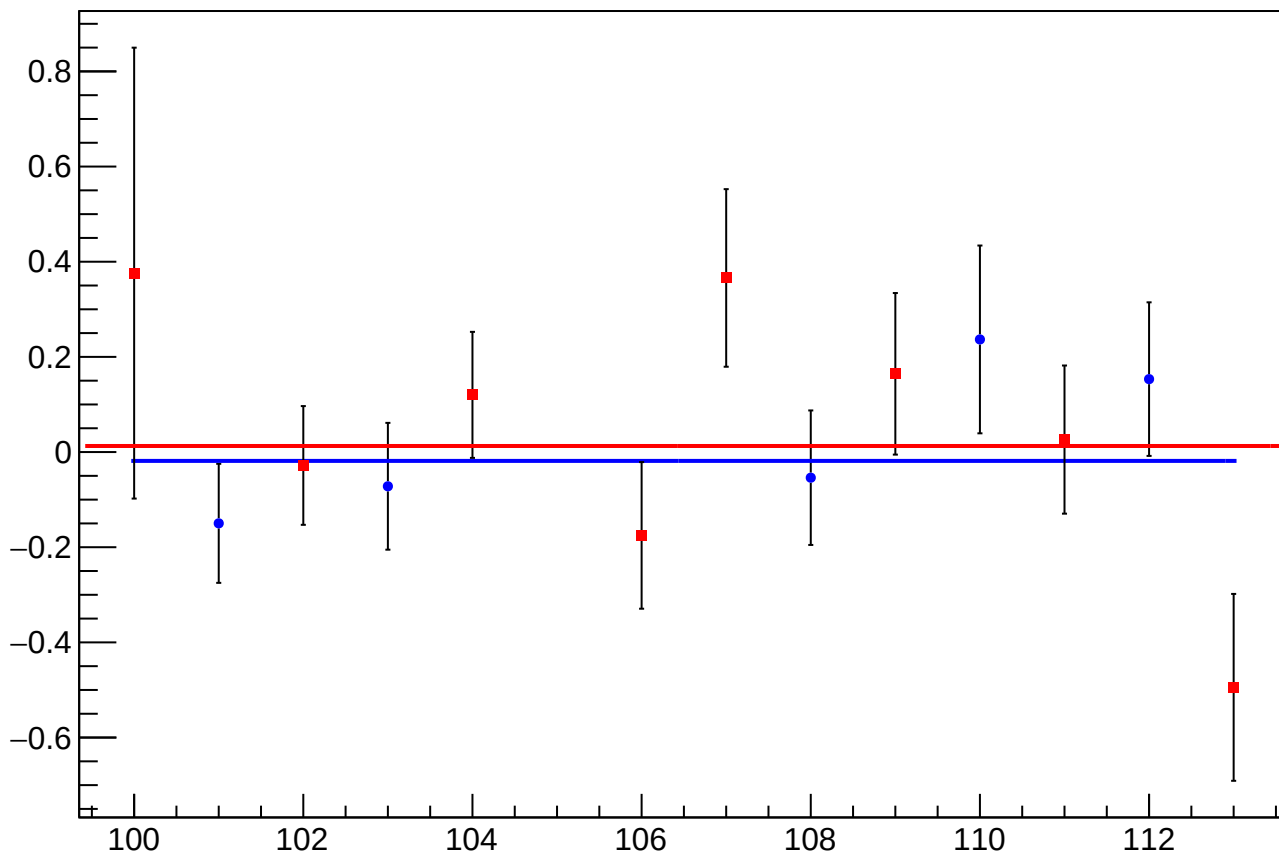
Right: 73.914+/-0.023 χ^2/NDF : 185362.2/12

In: 72.189+/-0.034 χ^2/NDF : 66607.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.914+/-0.023 χ^2/NDF : 185362.2/12

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: 0.013+/-0.058 χ^2/NDF : 13.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

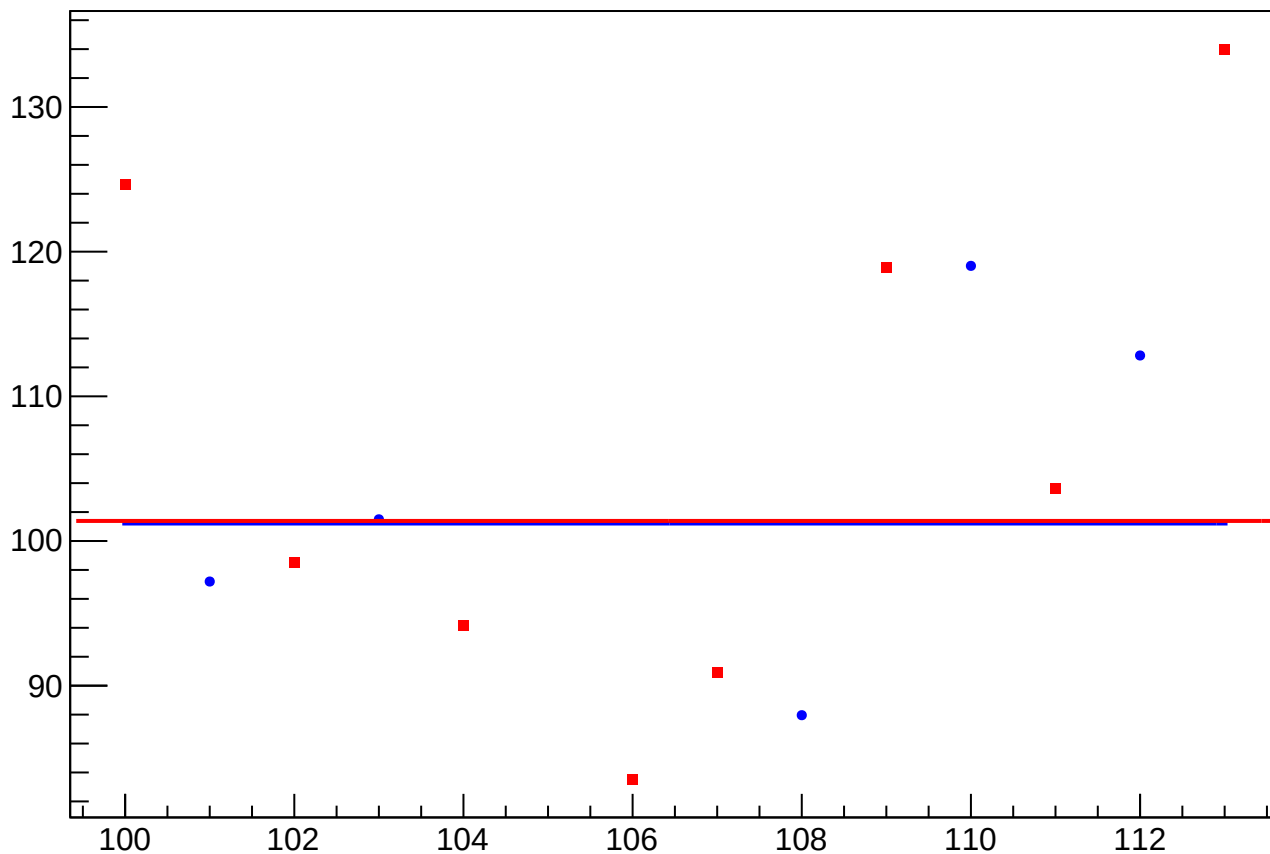
Right: -0.001+/-0.043 χ^2/NDF : 18.2/12

In: -0.019+/-0.065 χ^2/NDF :4.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.001+/-0.043 χ^2/NDF : 18.2/12

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: 101.387+/-0.041 χ^2/NDF : 121586.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

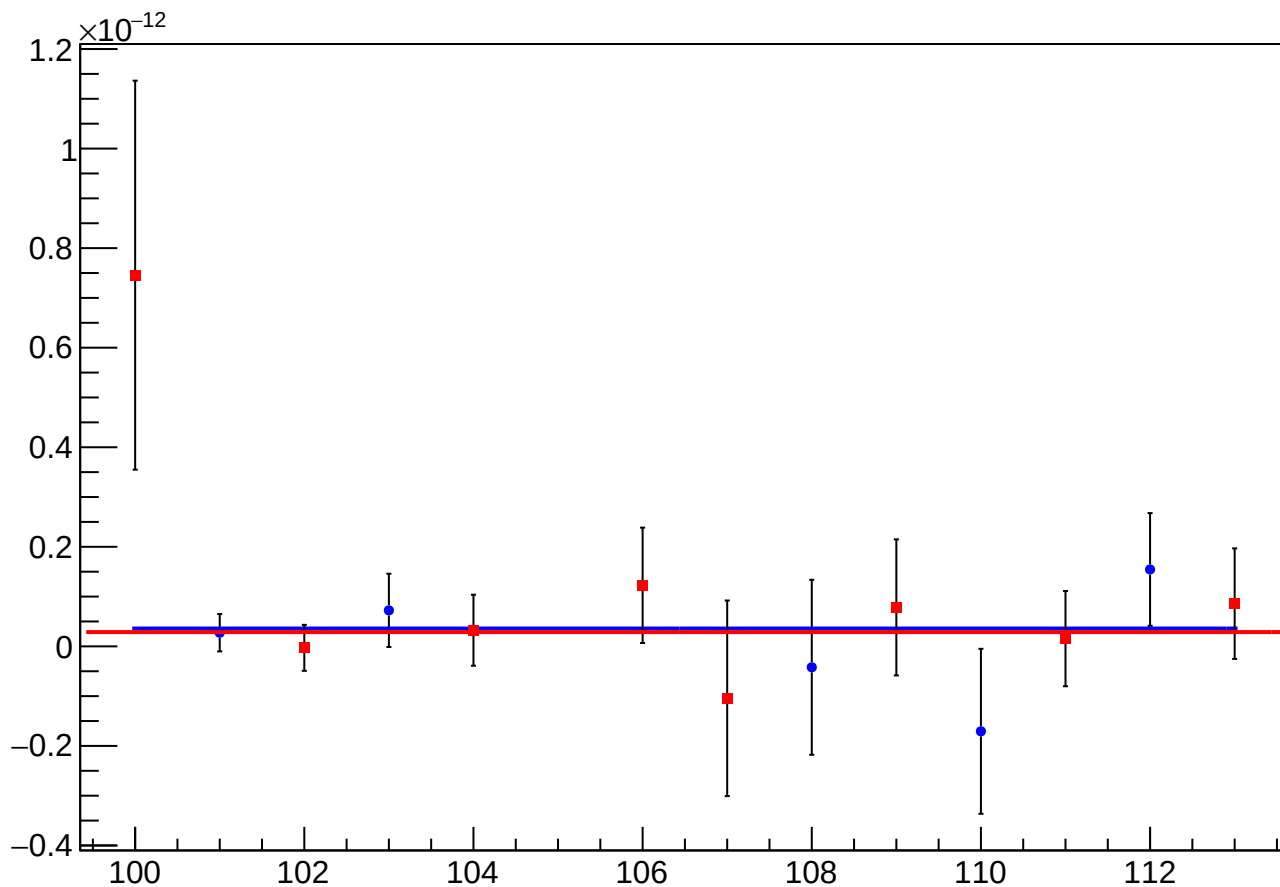
Right: 101.309+/-0.031 χ^2/NDF : 167883.6/12

In: 101.210+/-0.046 χ^2/NDF : 46289.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.309+/-0.031 χ^2/NDF : 167883.6/12

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 : 5.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

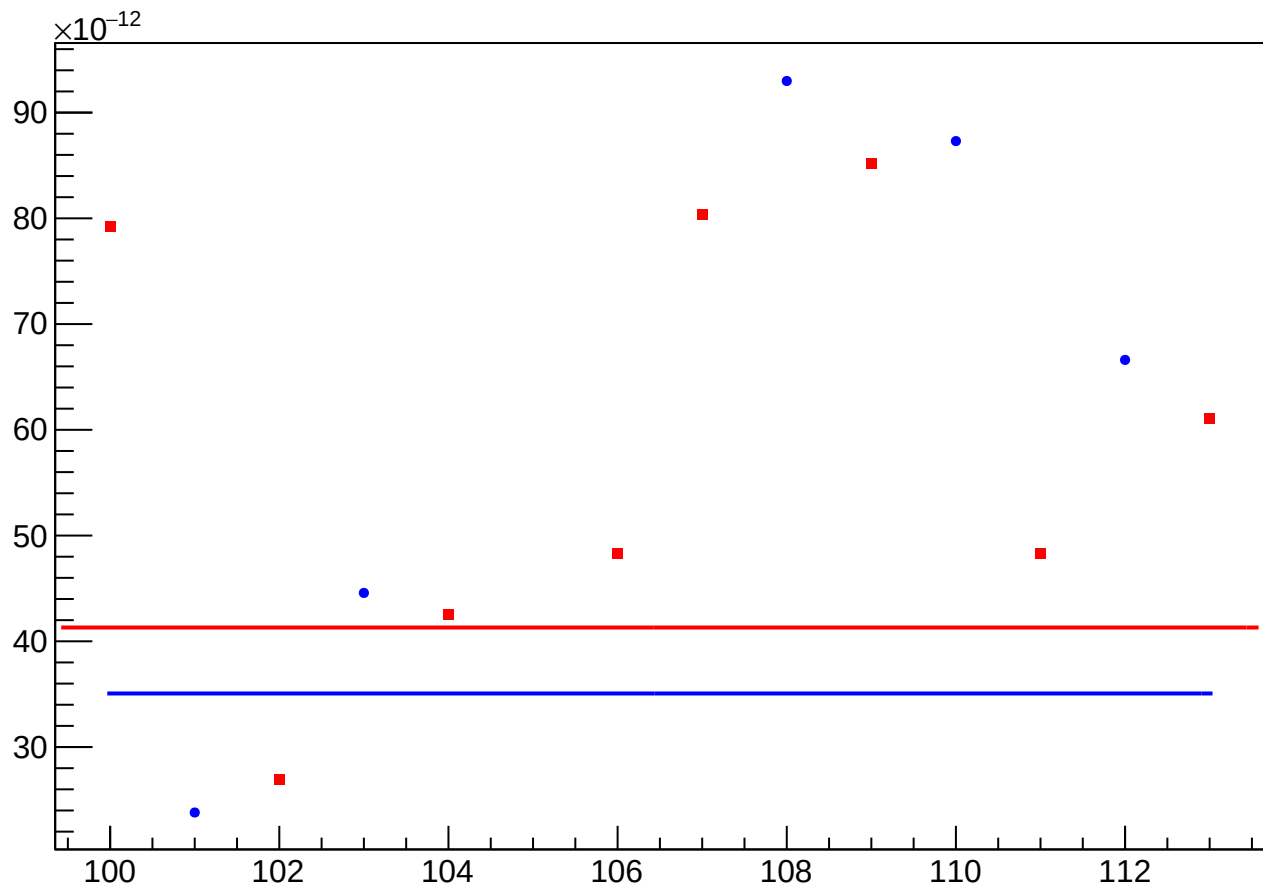
Right: 0.000+/-0.000 χ^2/NDF : 8.5/12

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 : 8.5/12

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 : 579567.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

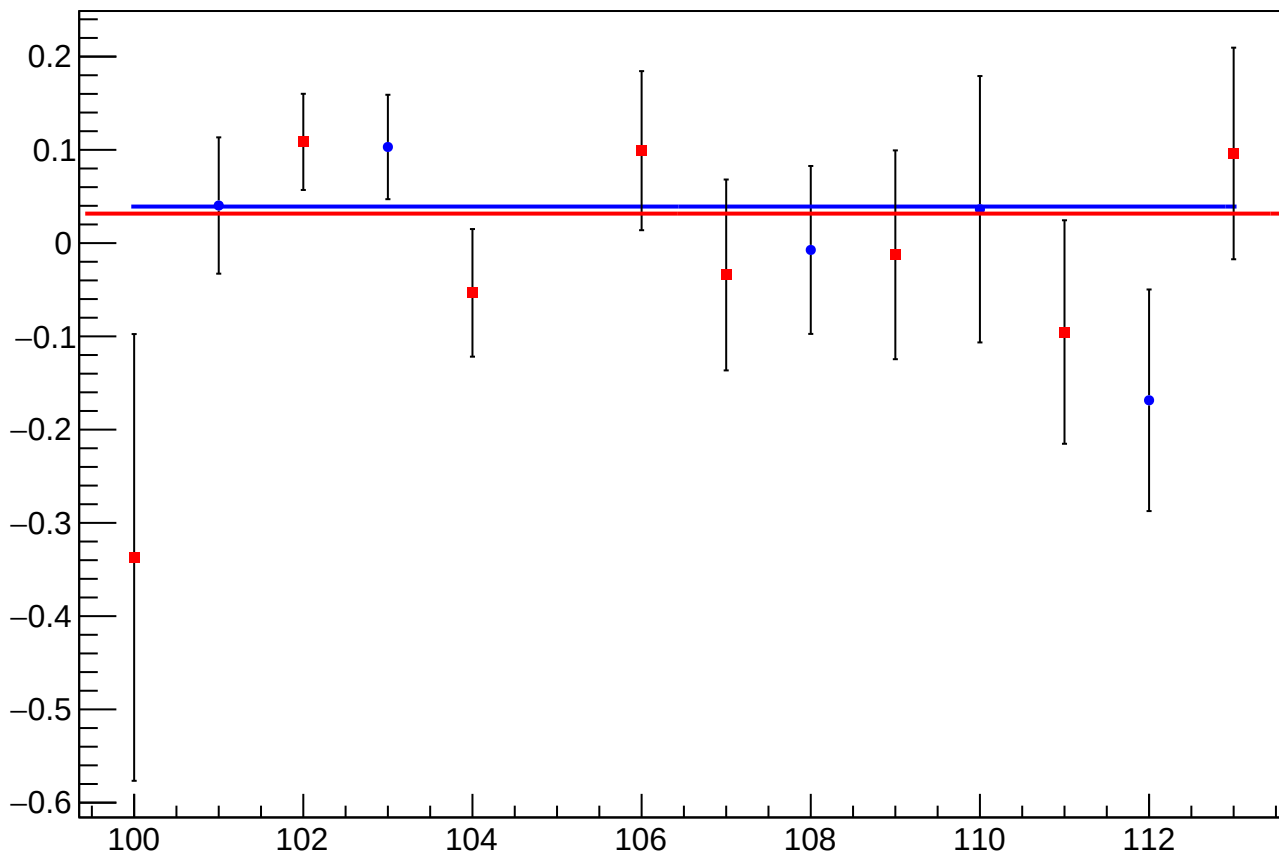
Right: 0.000+/-0.000 χ^2/NDF : 1404366.4/12

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 : 1404366.4/12

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: 0.032 $\pm$ 0.031 χ^2 /NDF: 8.8/7

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

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

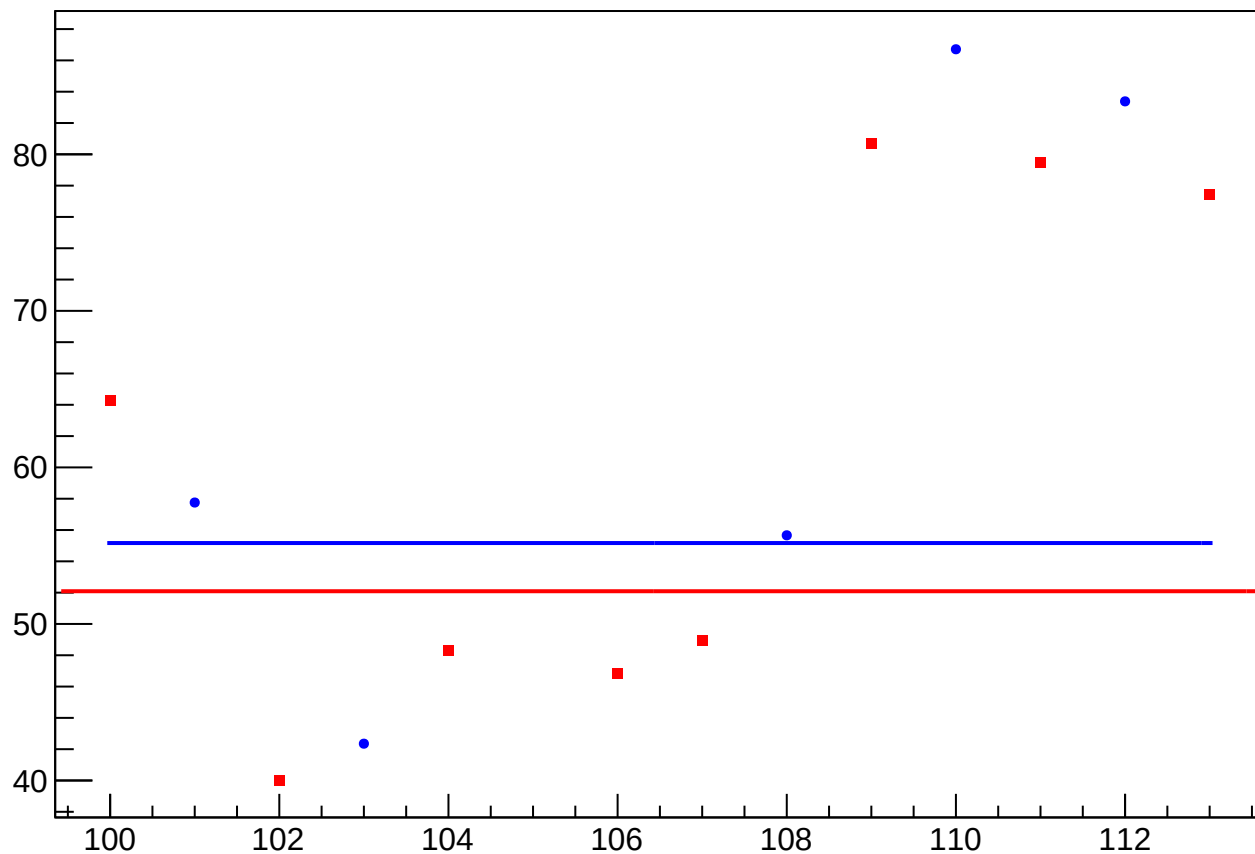
Right: 0.035 $\pm$ 0.023 χ^2 /NDF: 13.4/12

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: 0.035 $\pm$ 0.023 χ^2 /NDF: 13.4/12

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: 52.090+/-0.022 χ^2/NDF : 465148.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

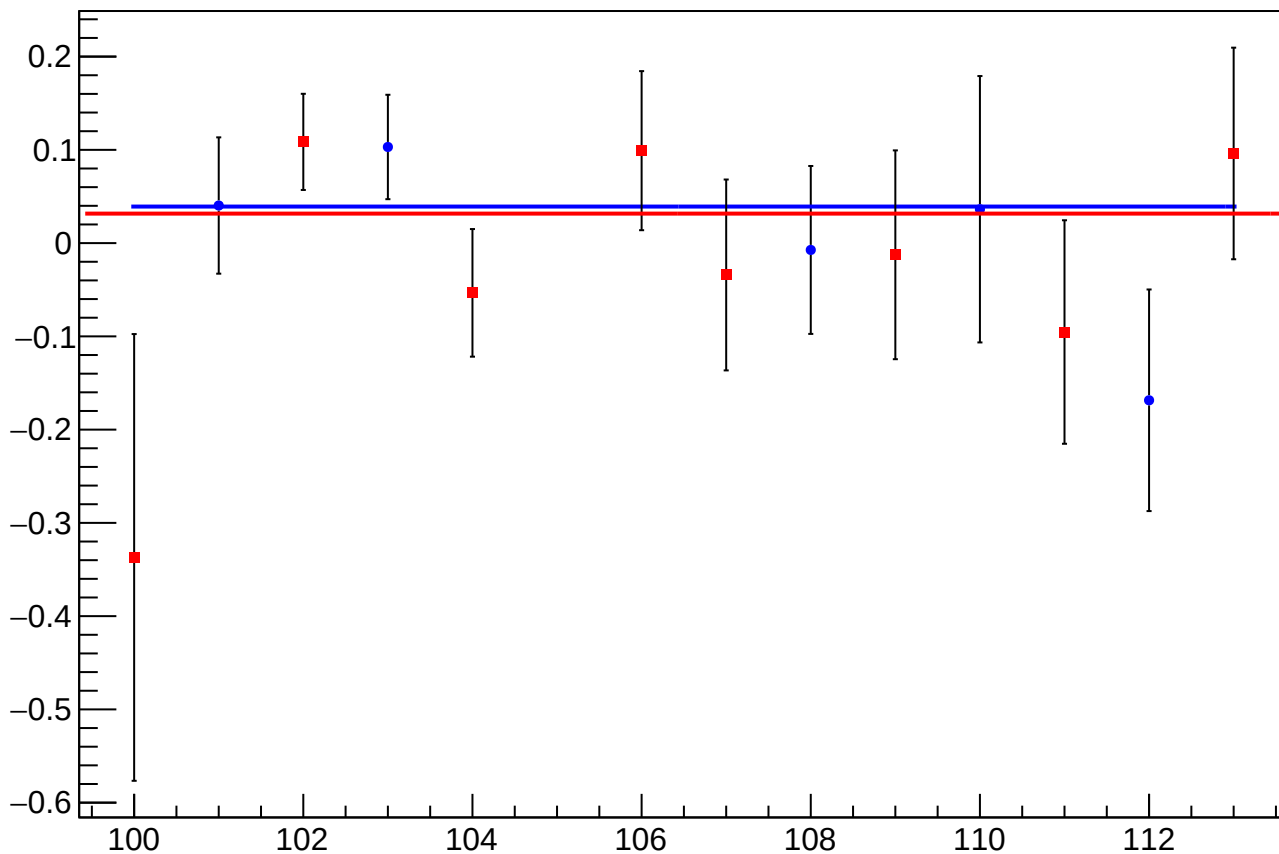
Right: 53.360+/-0.017 χ^2/NDF : 791258.1/12

In: 55.169+/-0.026 χ^2/NDF : 317763.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.360+/-0.017 χ^2/NDF : 791258.1/12

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: 0.032 $\pm$ 0.031 χ^2 /NDF: 8.8/7

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

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

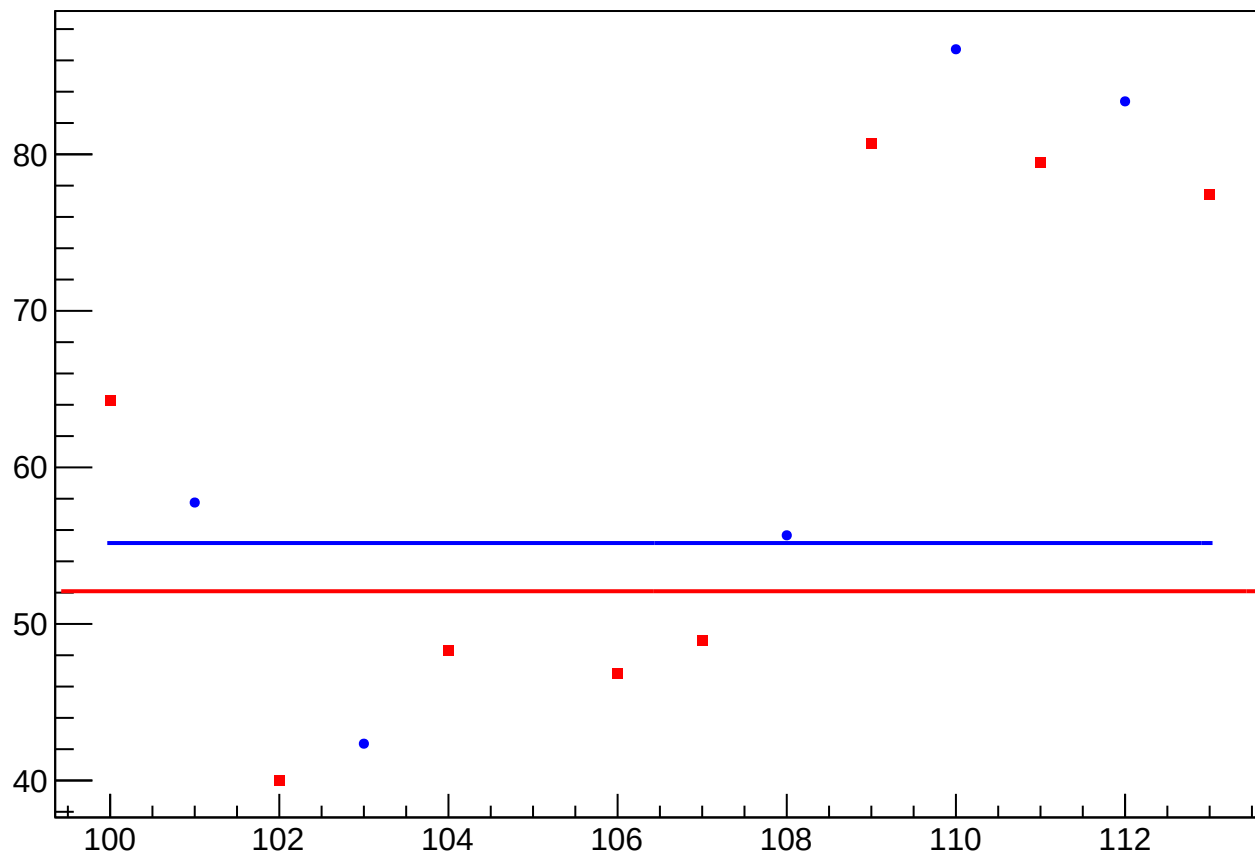
Right: 0.035 $\pm$ 0.023 χ^2 /NDF: 13.4/12

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: 0.035 $\pm$ 0.023 χ^2 /NDF: 13.4/12

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: 52.090+/-0.022 χ^2/NDF : 465148.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

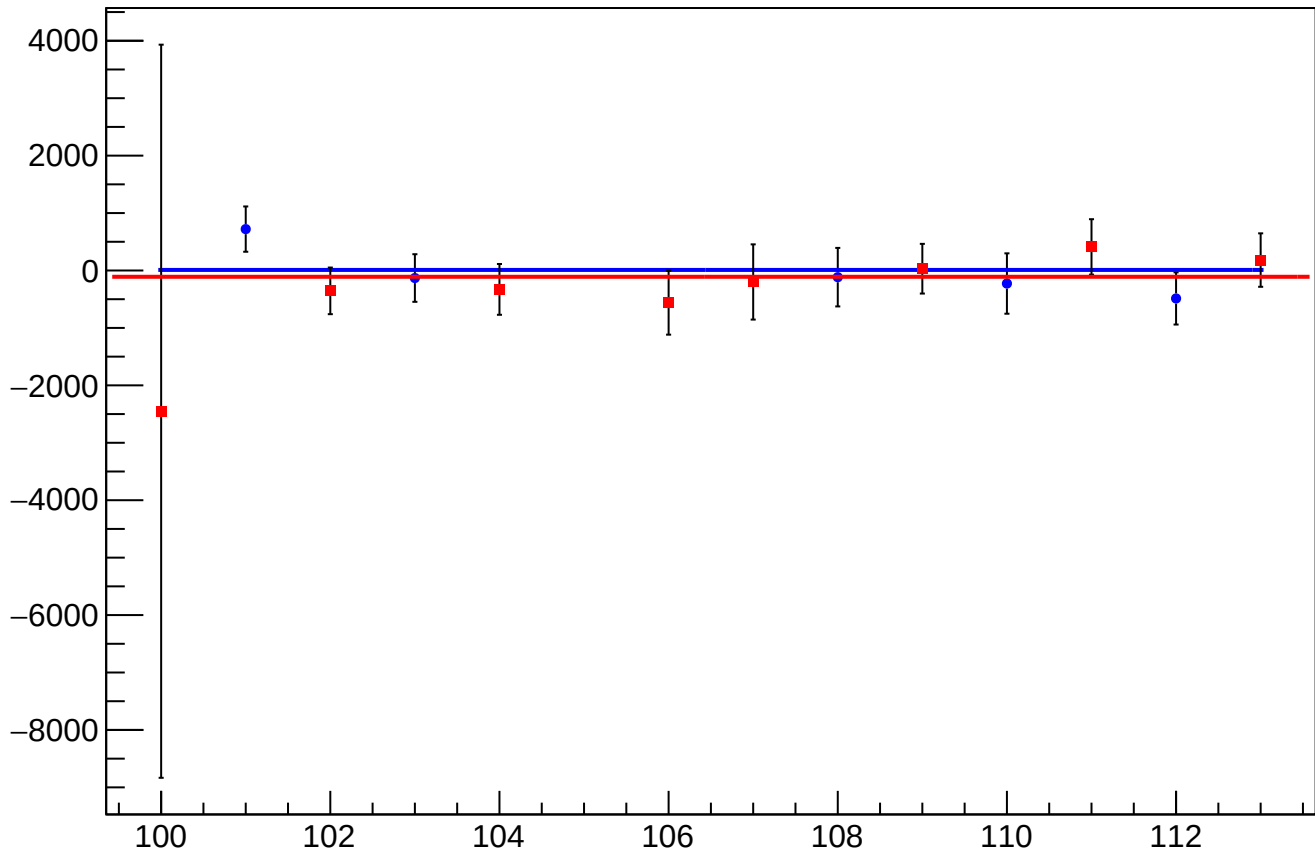
Right: 53.360+/-0.017 χ^2/NDF : 791258.1/12

In: 55.169+/-0.026 χ^2/NDF : 317763.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.360+/-0.017 χ^2/NDF : 791258.1/12

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: -109.398+/-179.608 χ^2/NDF : 3.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

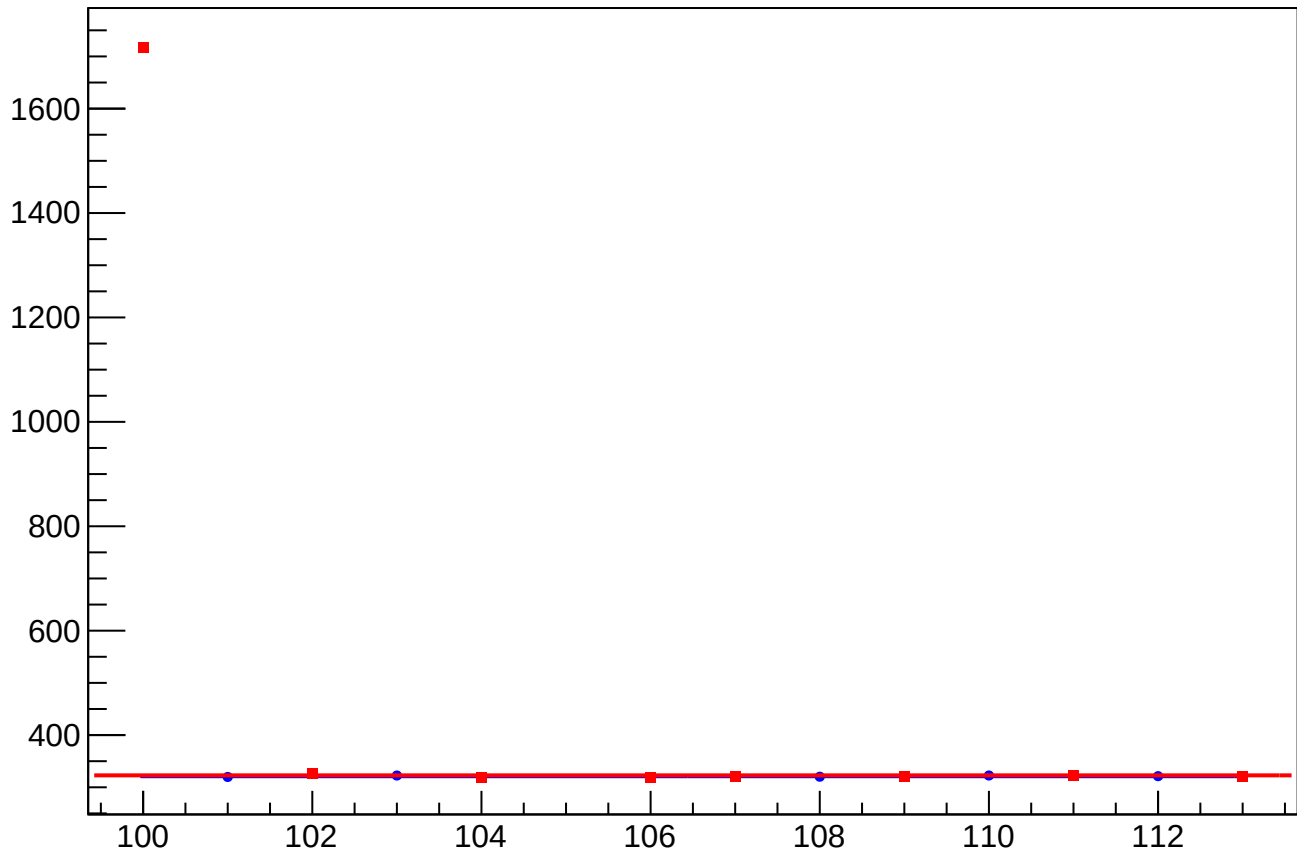
Right: -56.683+/-134.147 χ^2/NDF : 8.1/12

In: 9.824+/-201.739 χ^2/NDF : 4.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.683+/-134.147 χ^2/NDF : 8.1/12

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: 322.870 $\pm$ 0.127 χ^2 /NDF: 96185.5/7

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

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

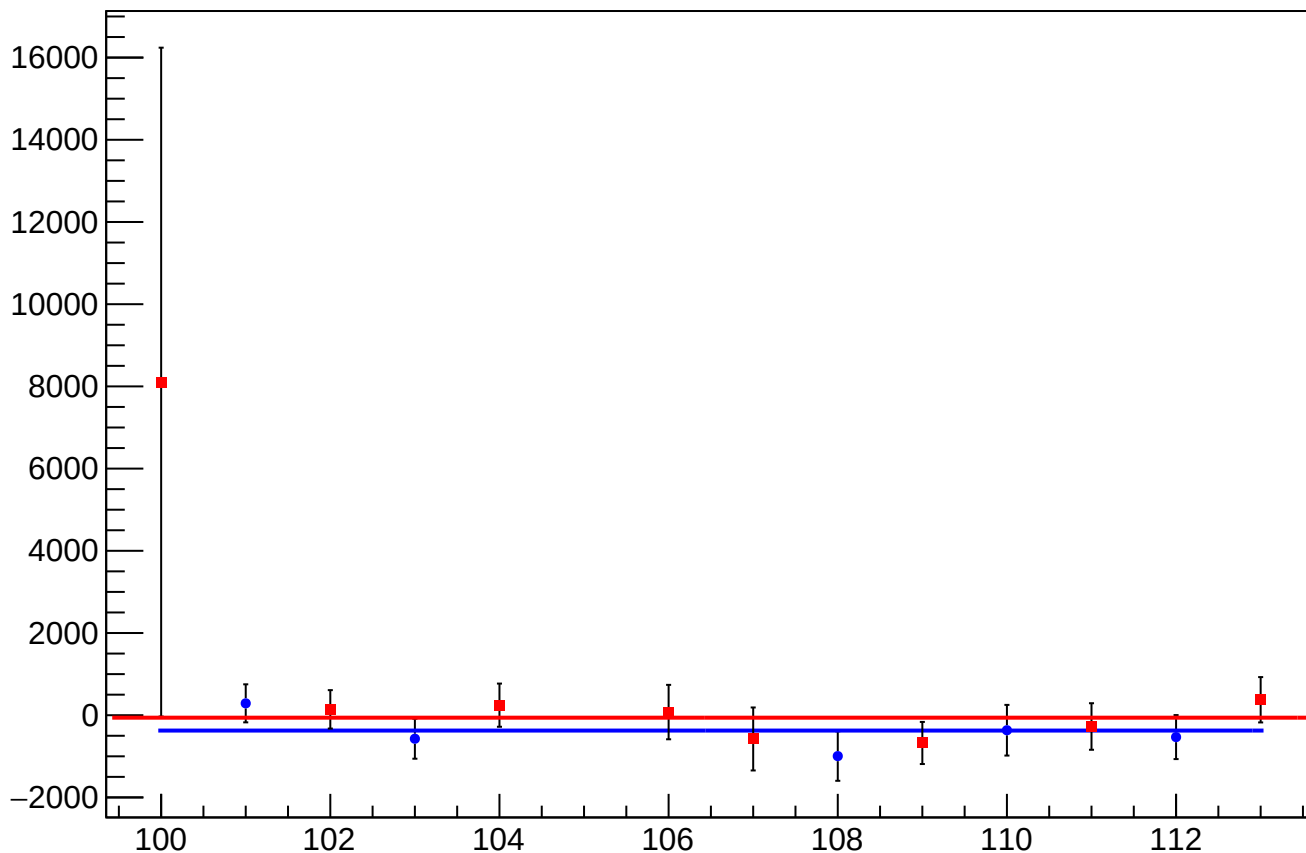
Right: 322.144 $\pm$ 0.095 χ^2 /NDF: 96325.7/12

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: 322.144 $\pm$ 0.095 χ^2 /NDF: 96325.7/12

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: -59.877 ± 211.214 χ^2/NDF : 4.2/7

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

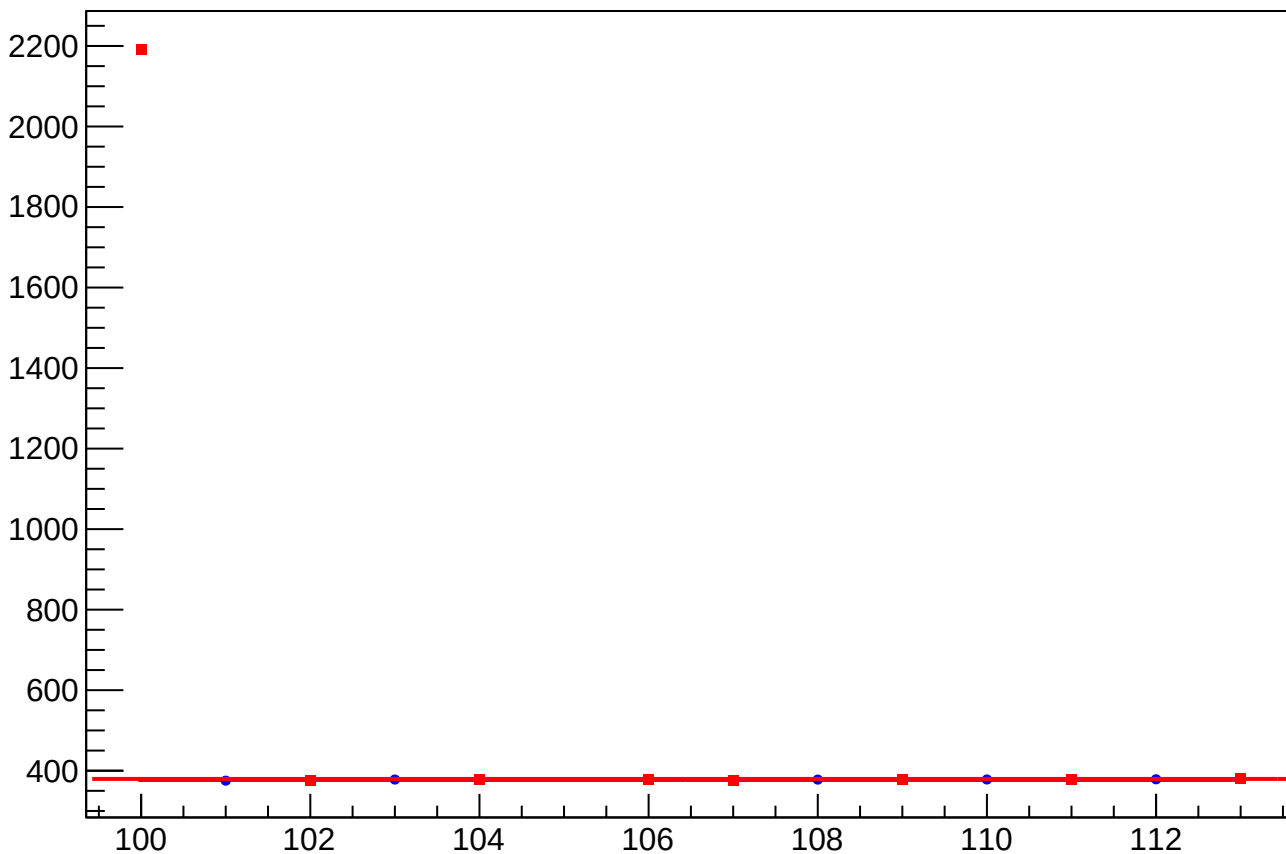
Right: -198.574 ± 157.701 χ^2/NDF : 8.6/12

In: -373.295 ± 237.063 χ^2/NDF : 3.4/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -198.574 ± 157.701 χ^2/NDF : 8.6/12

asym_dsr_rms vs Slug, Sign Corrected



Right In: 377.452 $\pm$ 0.168 χ^2 /NDF: 62.9/4

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

Right Out: 379.586 $\pm$ 0.149 χ^2 /NDF: 99167.5/7

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

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

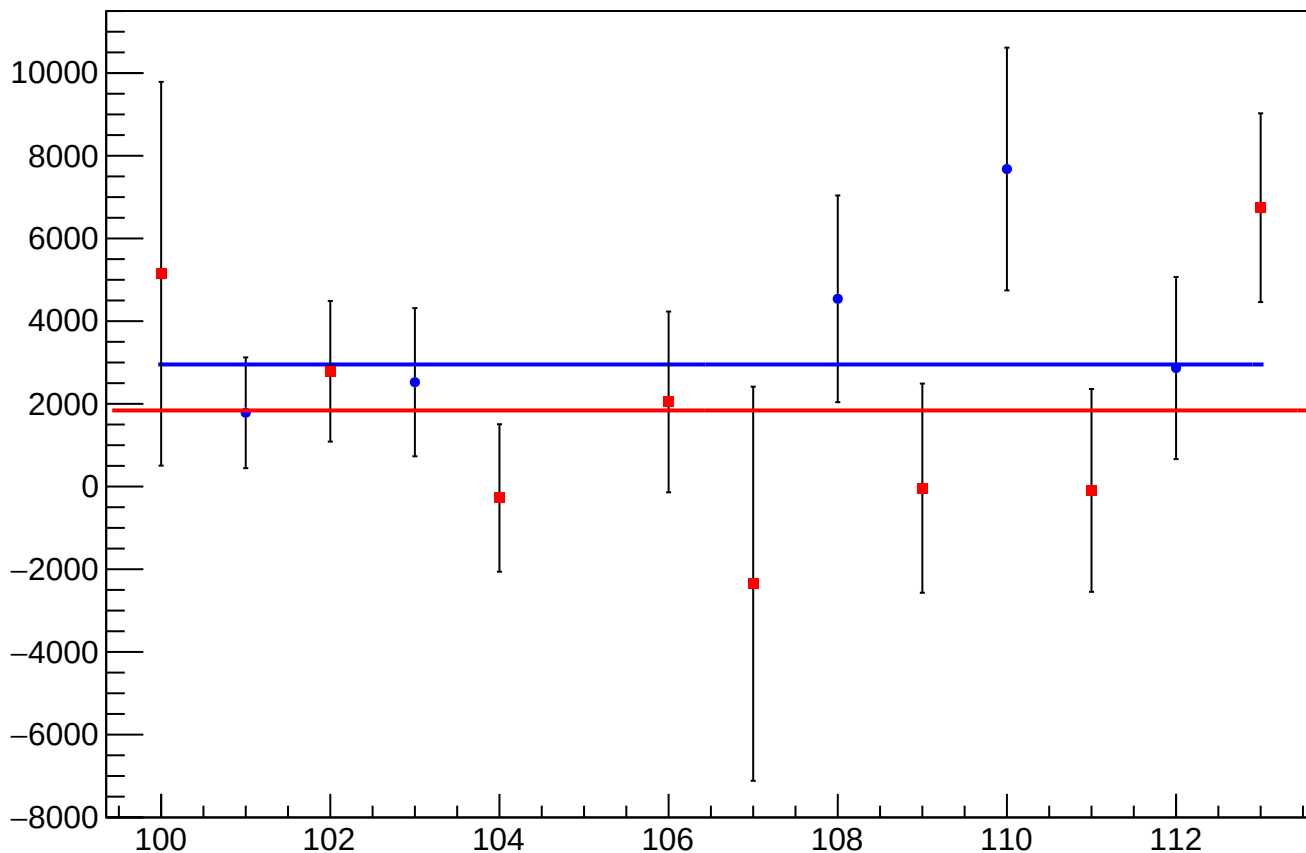
Right: 378.642 $\pm$ 0.112 χ^2 /NDF: 99320.7/12

In: 377.452 $\pm$ 0.168 χ^2 /NDF: 62.9/4

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

All: 378.642 $\pm$ 0.112 χ^2 /NDF: 99320.7/12

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: 1840.483+/-823.634 χ^2/NDF : 8.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

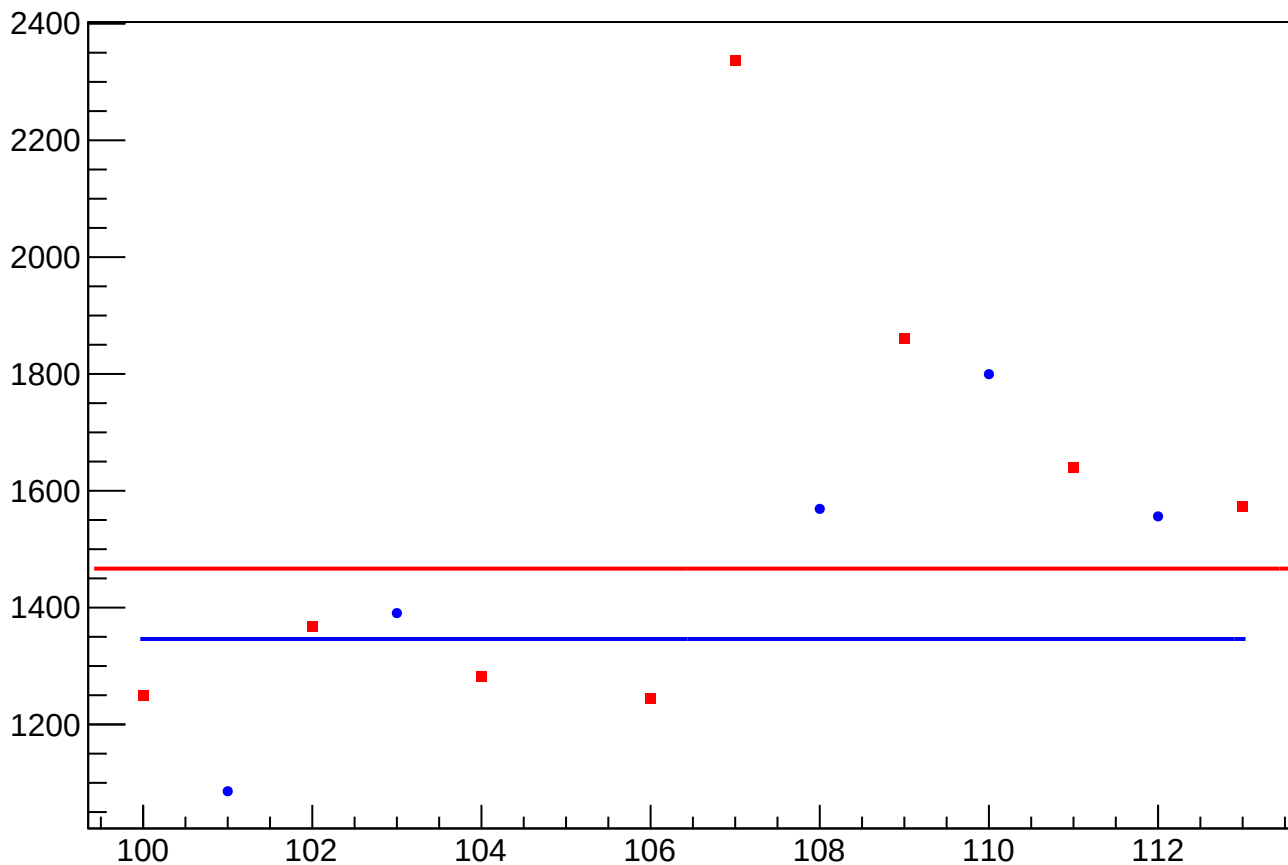
Right: 2372.259+/-594.946 χ^2/NDF : 13.5/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2372.259+/-594.946 χ^2/NDF : 13.5/12

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: 1466.737+/-0.582 χ^2/NDF : 182624.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

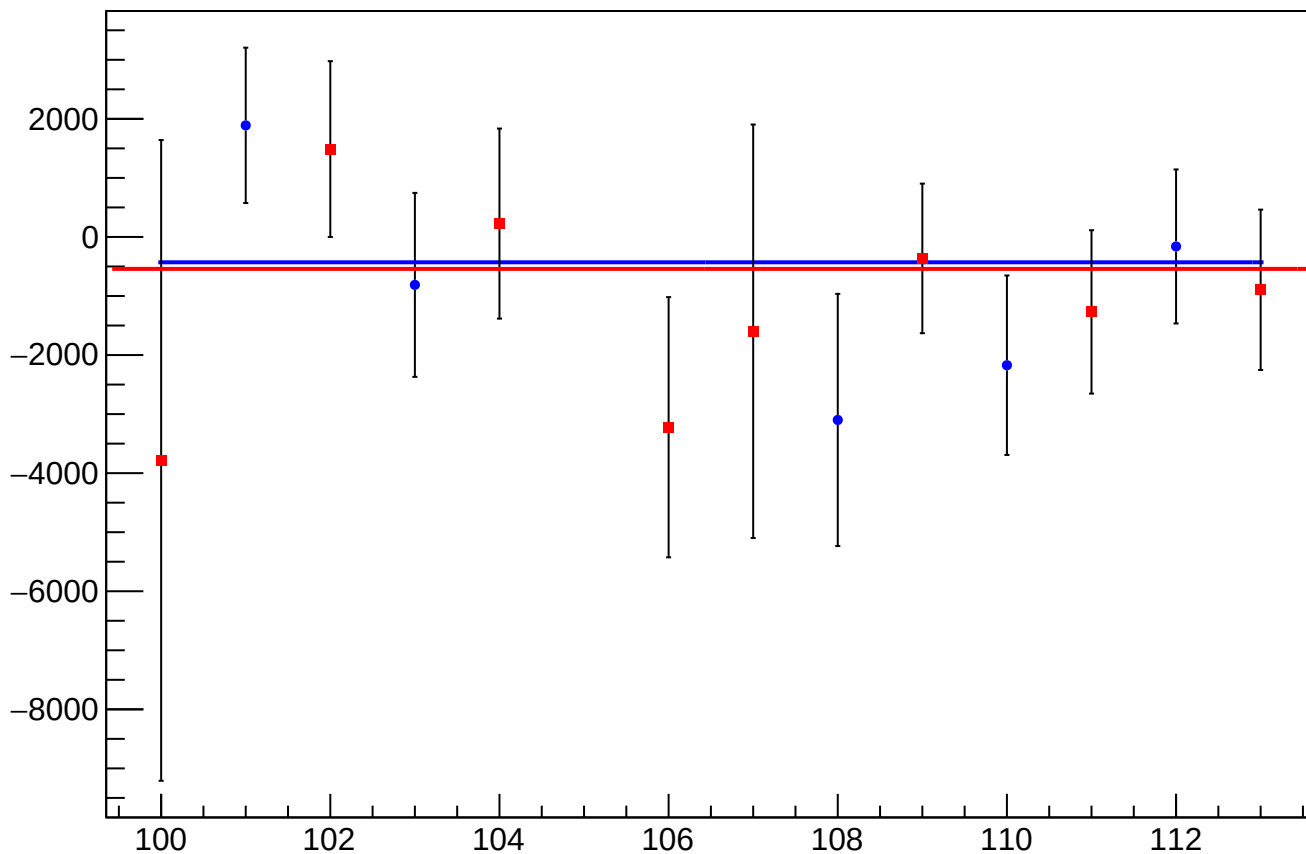
Right: 1409.134+/-0.421 χ^2/NDF : 361802.3/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1409.134+/-0.421 χ^2/NDF : 361802.3/12

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: -540.630+/-592.678 χ^2/NDF : 4.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

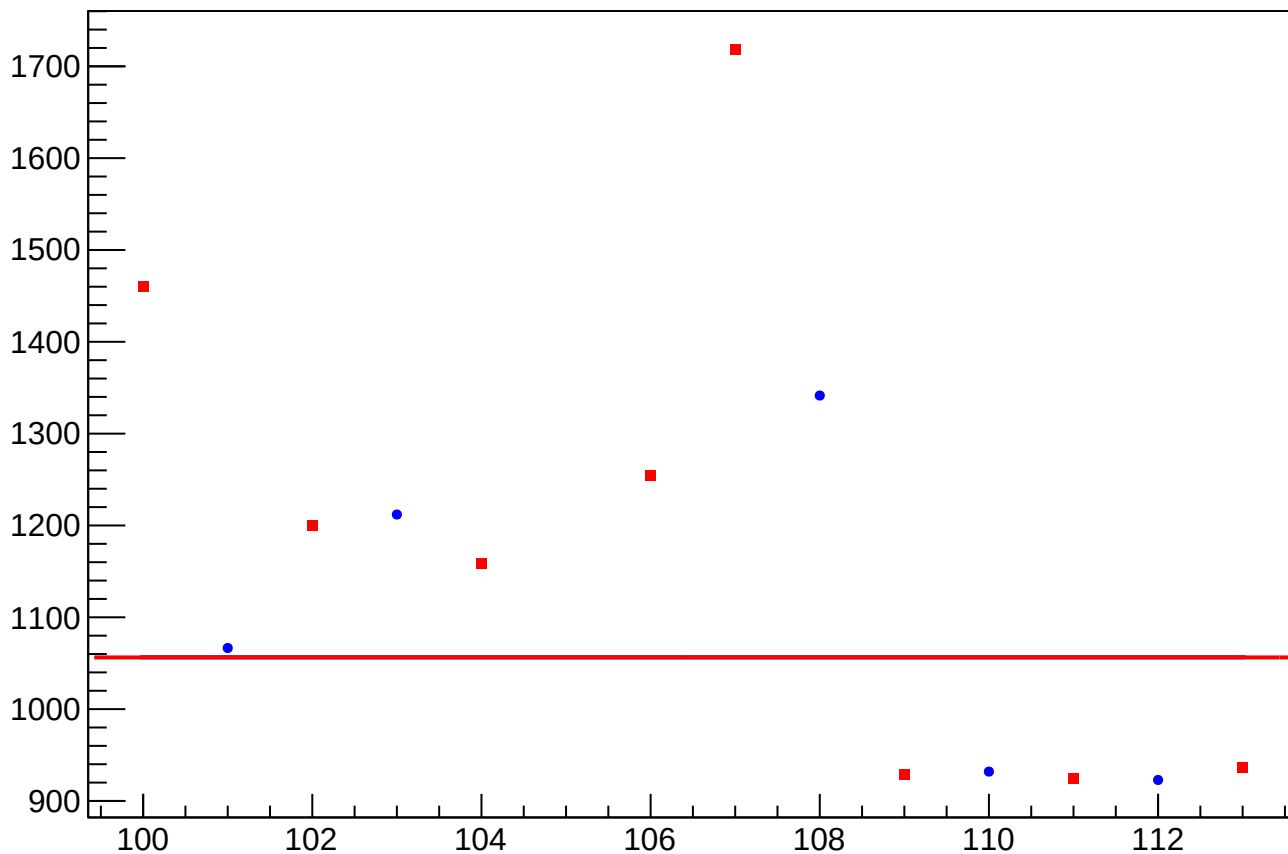
Right: -491.708+/-443.817 χ^2/NDF : 10.5/12

In: -429.254+/-669.650 χ^2/NDF : 6.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -491.708+/-443.817 χ^2/NDF : 10.5/12

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: 1056.305+/-0.419 χ^2/NDF : 179149.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

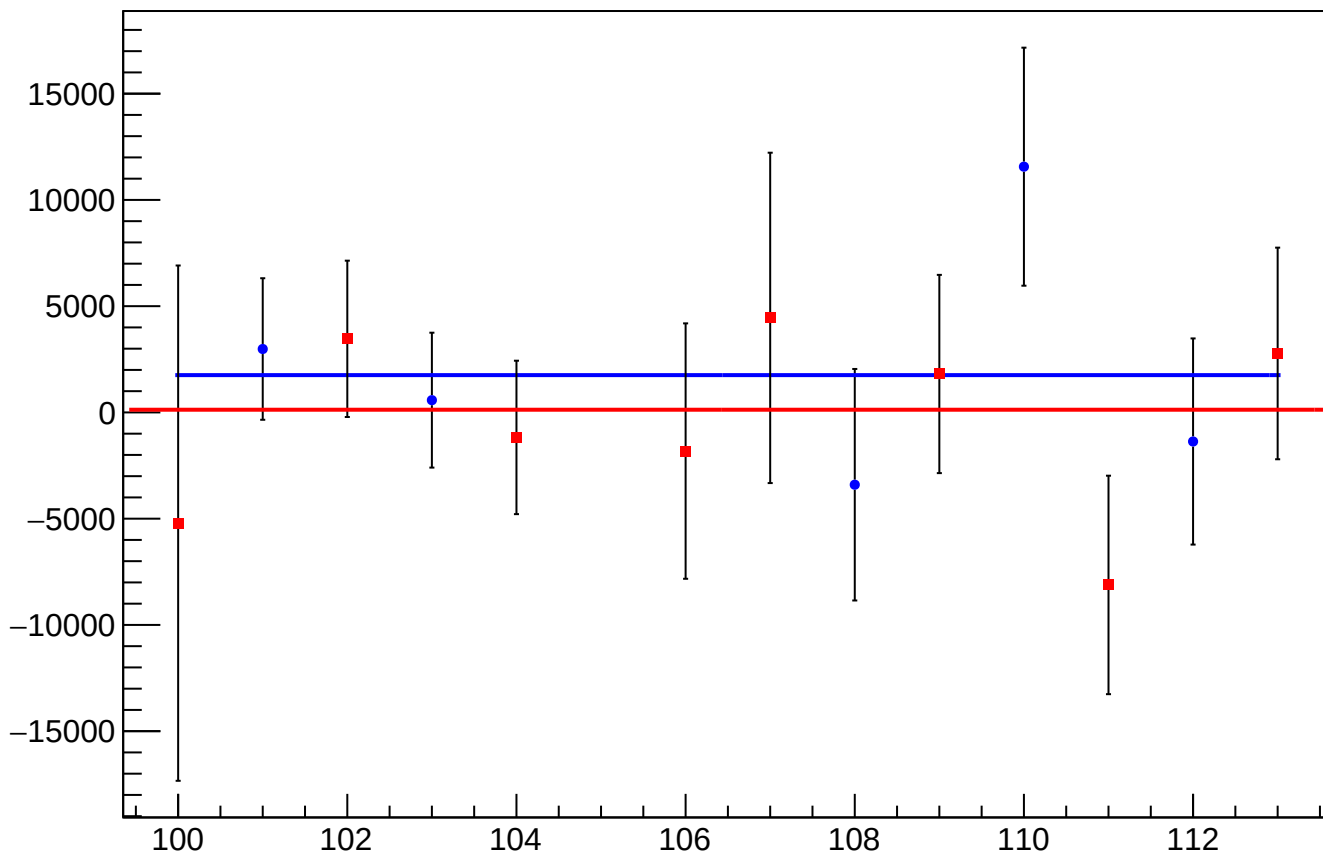
Right: 1056.369+/-0.314 χ^2/NDF : 269221.6/12

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1056.369+/-0.314 χ^2/NDF : 269221.6/12

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: 126.868+/-1751.928 χ^2/NDF : 4.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

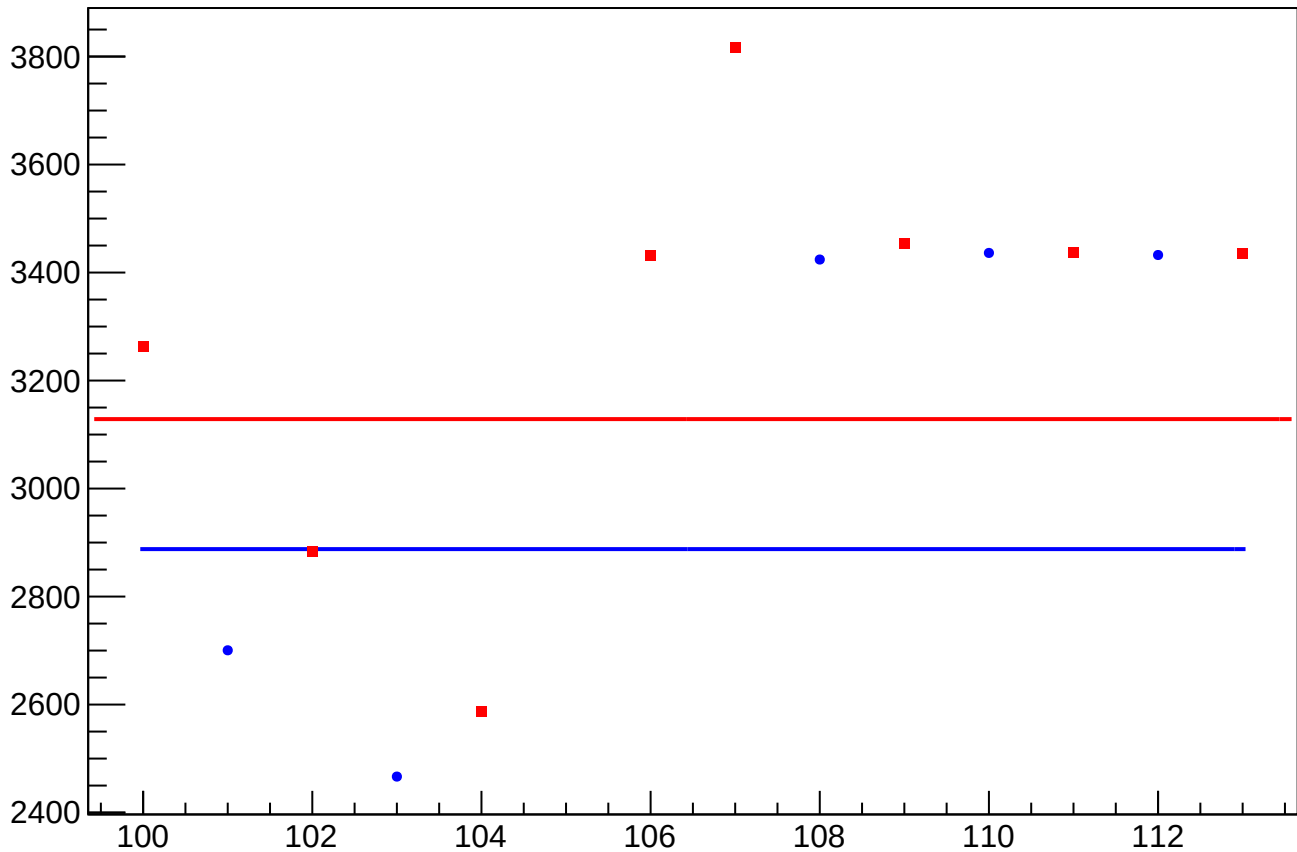
Right: 904.146+/-1266.625 χ^2/NDF : 9.6/12

In: 1755.403+/-1833.405 χ^2/NDF : 4.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 904.146+/-1266.625 χ^2/NDF : 9.6/12

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: 3128.622+/-1.239 χ^2/NDF : 99246.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

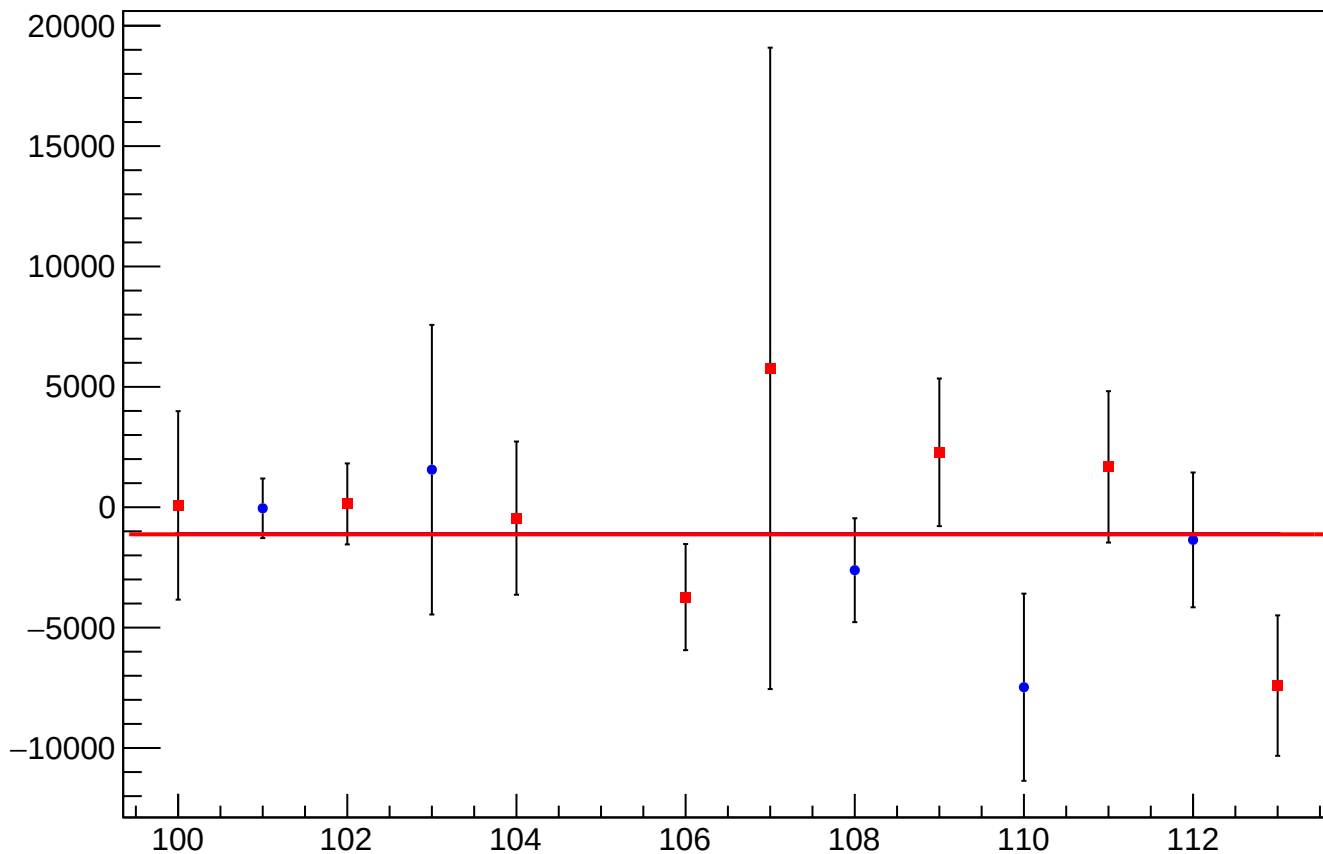
Right: 3013.719+/-0.896 χ^2/NDF : 222597.5/12

In: 2887.880+/-1.296 χ^2/NDF : 105326.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3013.719+/-0.896 χ^2/NDF : 222597.5/12

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: -1123.807+/-974.146 χ^2/NDF : 9.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

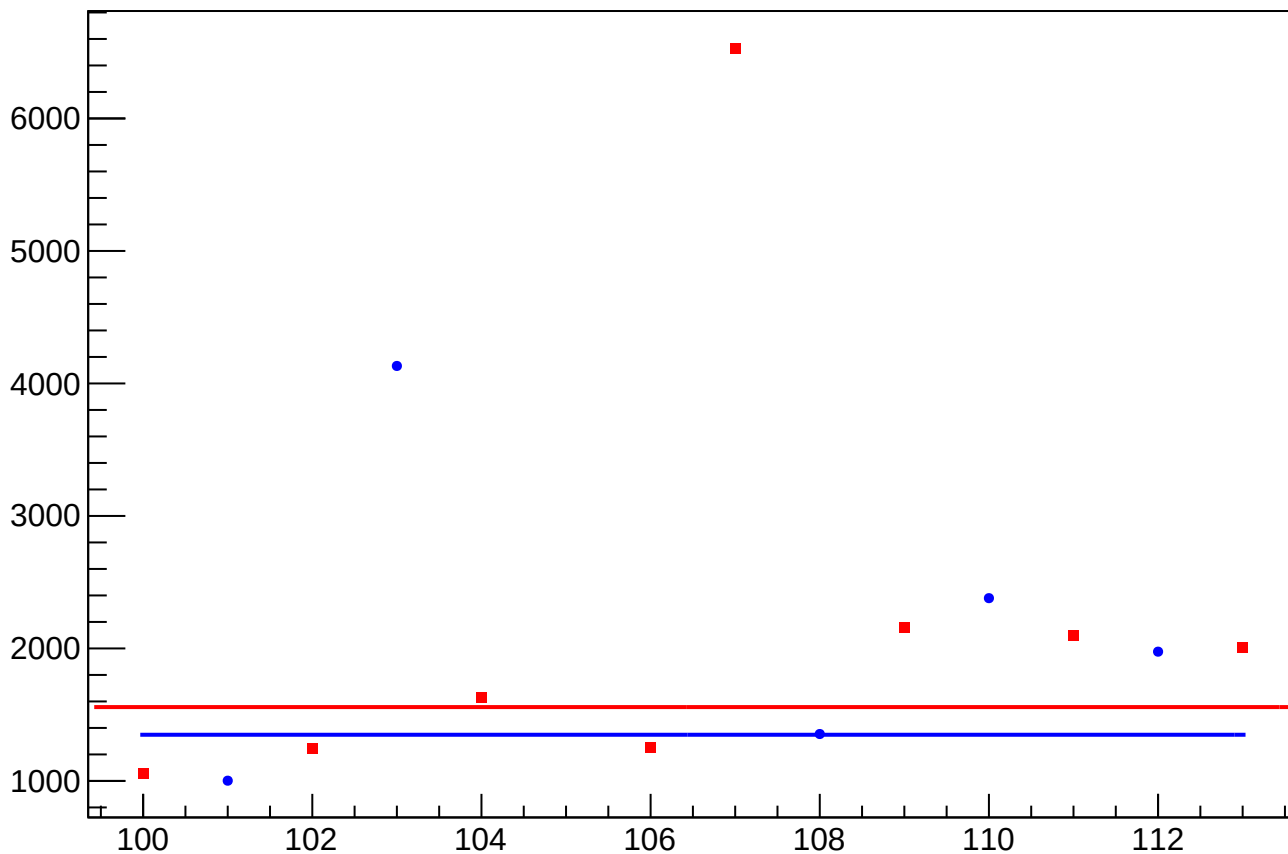
Right: -1119.574+/-683.101 χ^2/NDF : 13.2/12

In: -1115.478+/-958.154 χ^2/NDF : 4.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1119.574+/-683.101 χ^2/NDF : 13.2/12

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: 1557.417+/-0.689 χ^2/NDF : 605184.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

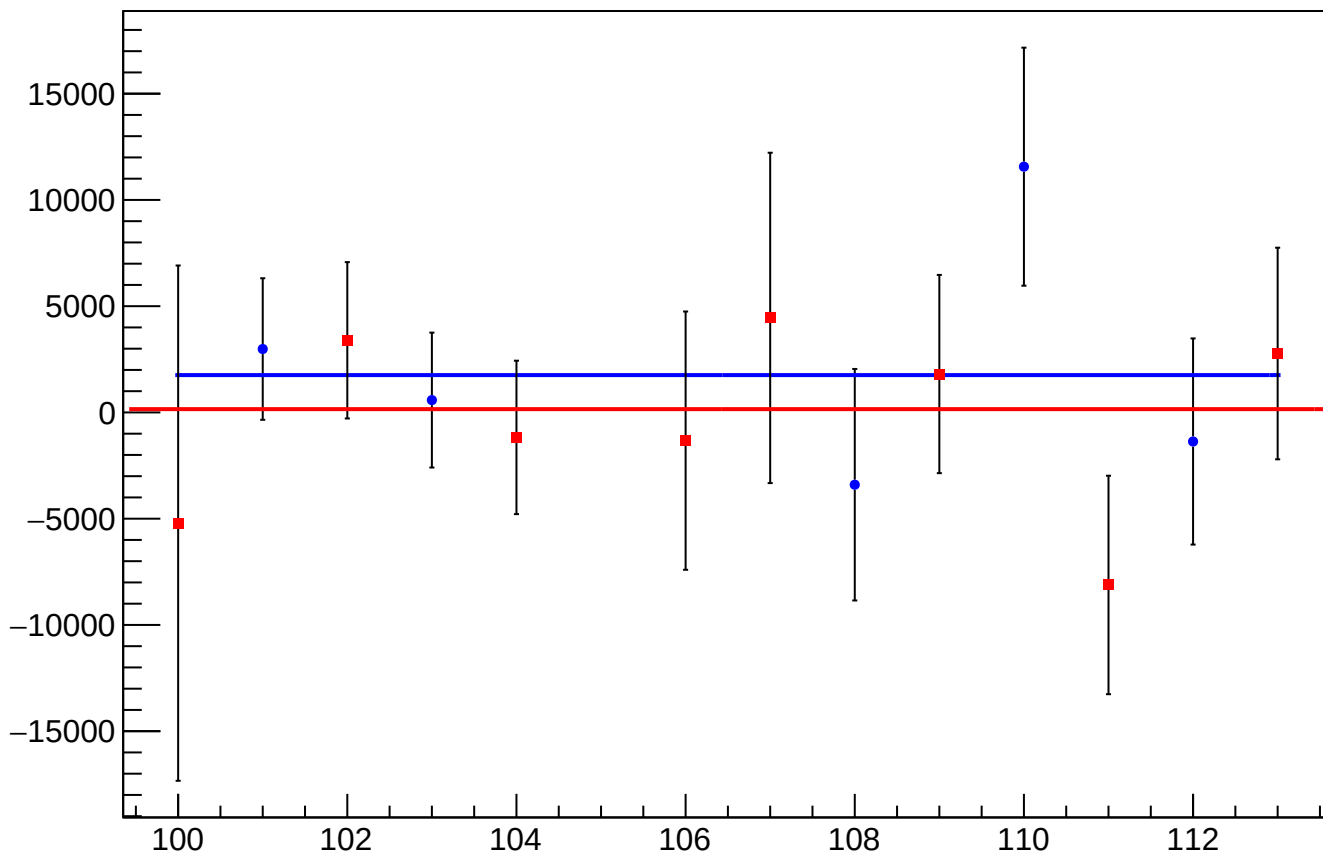
Right: 1451.257+/-0.483 χ^2/NDF : 1478188.8/12

In: 1348.554+/-0.678 χ^2/NDF : 826273.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1451.257+/-0.483 χ^2/NDF : 1478188.8/12

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: 155.360+/-1753.621 χ^2/NDF : 4.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

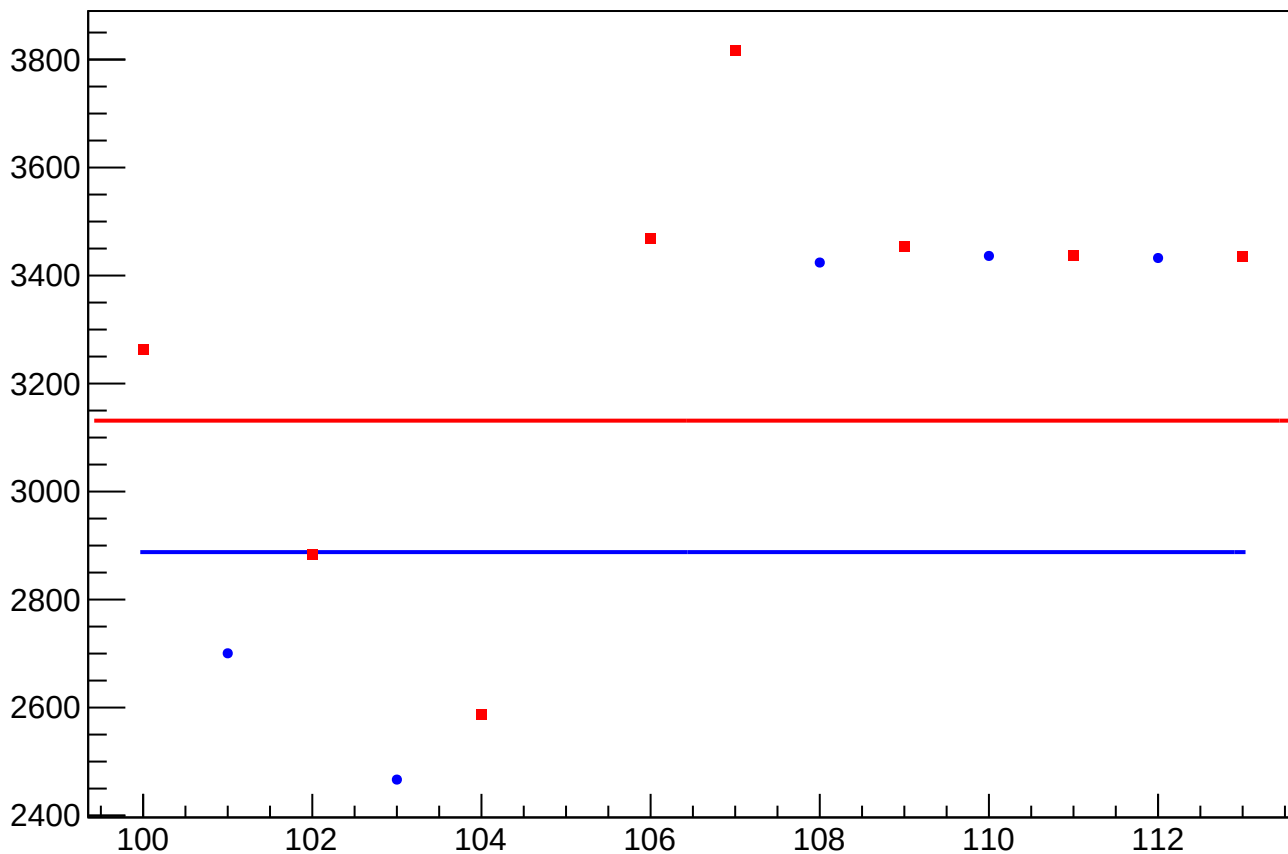
Right: 920.485+/-1267.264 χ^2/NDF : 9.5/12

In: 1756.816+/-1833.405 χ^2/NDF : 4.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 920.485+/-1267.264 χ^2/NDF : 9.5/12

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: 3131.317+/-1.240 χ^2/NDF : 100423.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

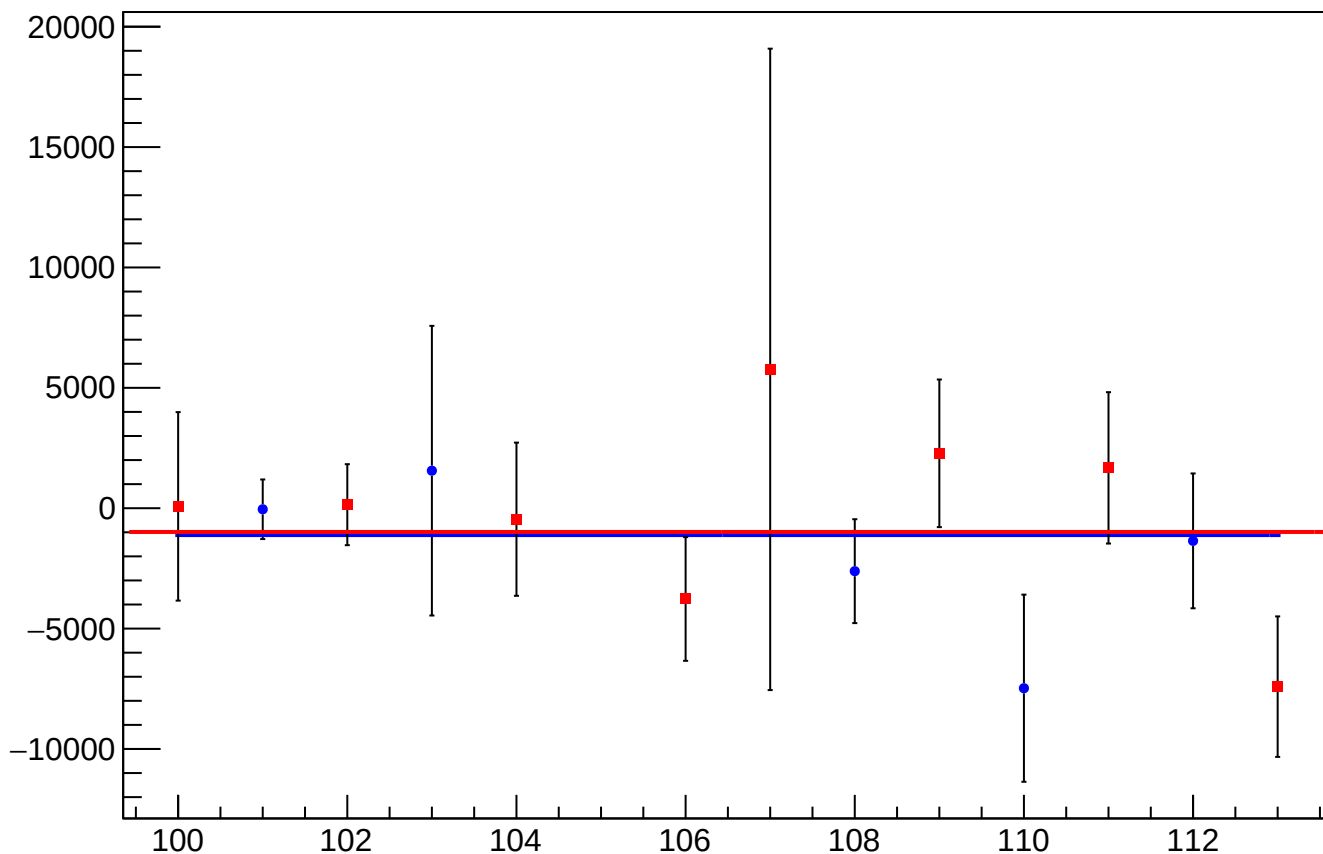
Right: 3015.011+/-0.896 χ^2/NDF : 224163.6/12

In: 2887.881+/-1.296 χ^2/NDF : 105326.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3015.011+/-0.896 χ^2/NDF : 224163.6/12

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: -985.903+/-1000.188 χ^2/NDF : 8.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

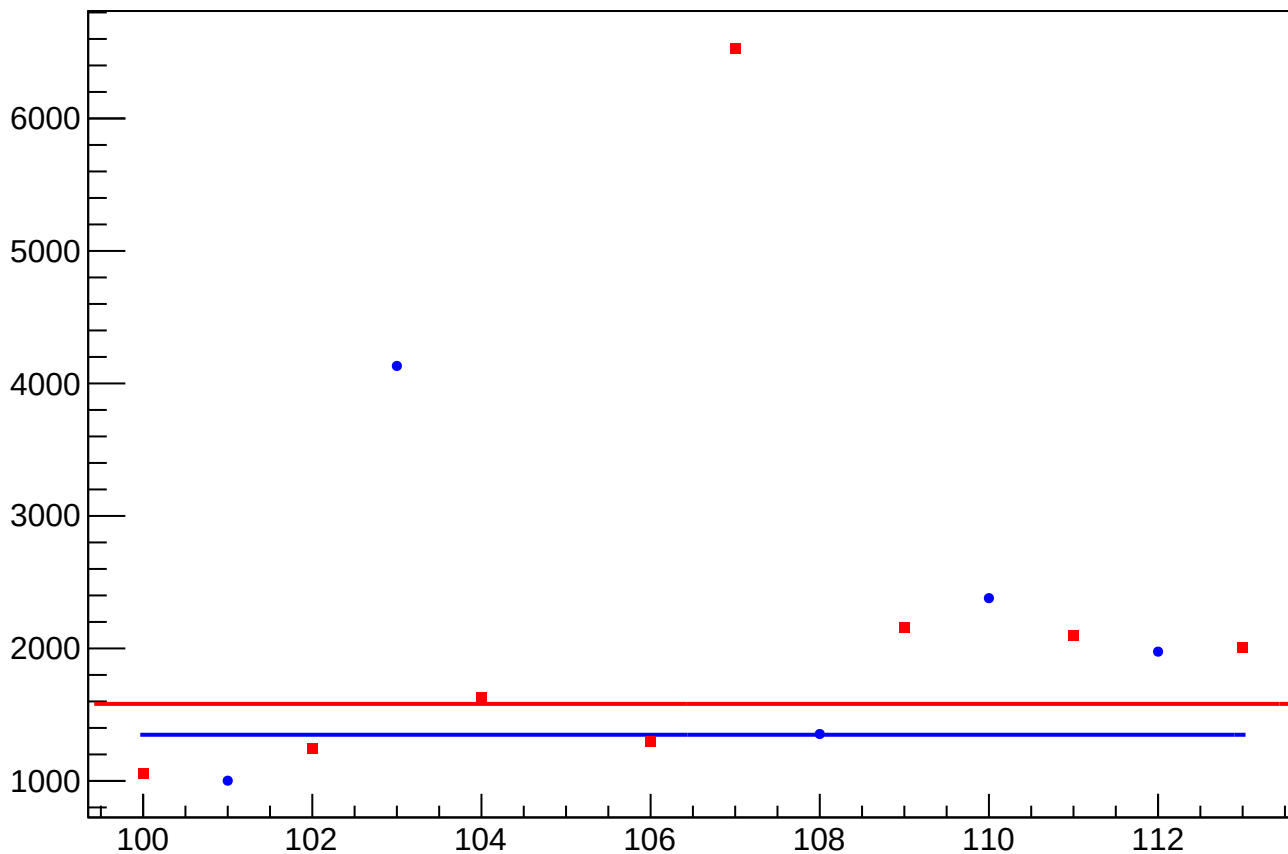
Right: -1053.467+/-691.897 χ^2/NDF : 12.8/12

In: -1115.470+/-958.146 χ^2/NDF : 4.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1053.467+/-691.897 χ^2/NDF : 12.8/12

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: 1581.484+/-0.707 χ^2/NDF : 585438.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

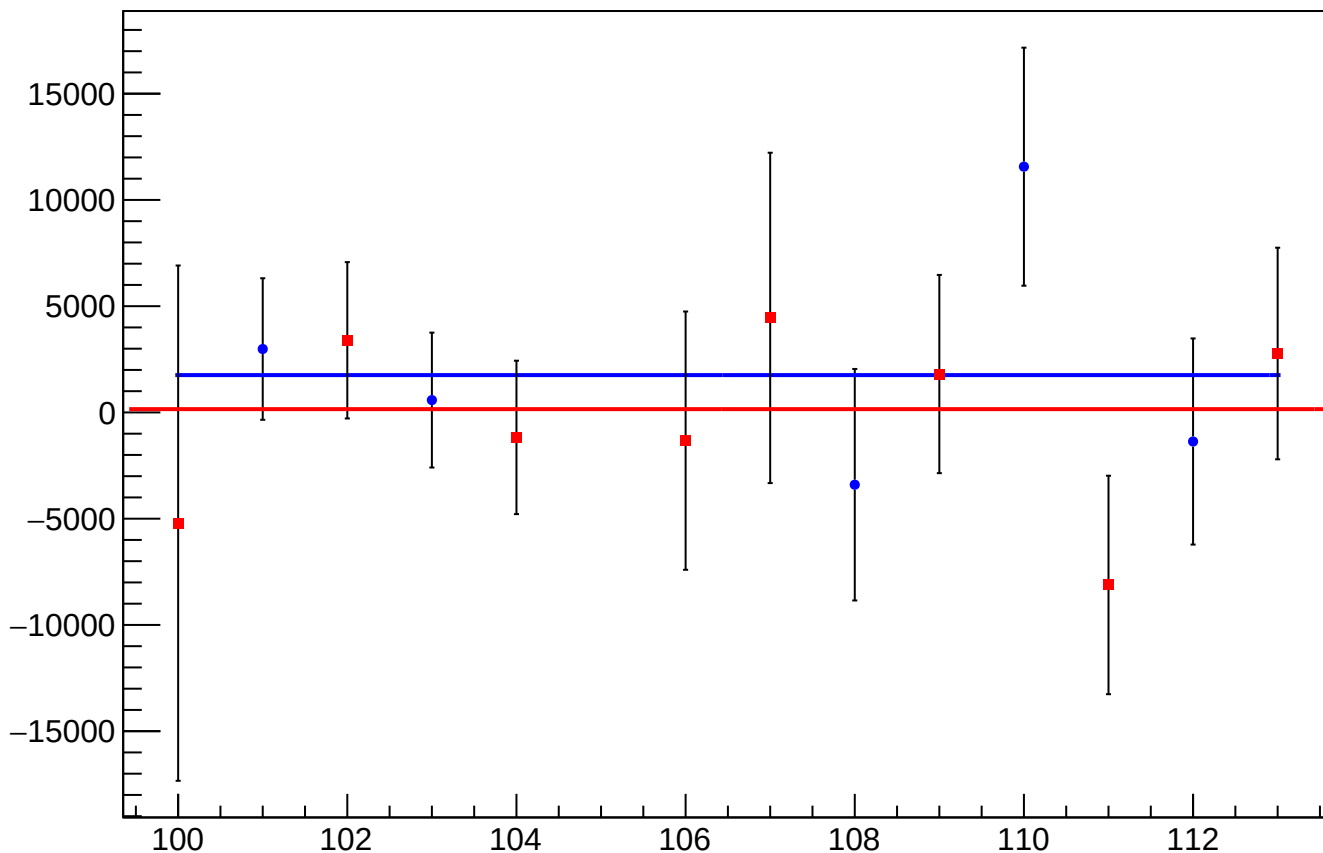
Right: 1460.011+/-0.489 χ^2/NDF : 1468291.0/12

In: 1348.535+/-0.678 χ^2/NDF : 826280.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1460.011+/-0.489 χ^2/NDF : 1468291.0/12

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: 155.360+/-1753.621 χ^2/NDF : 4.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

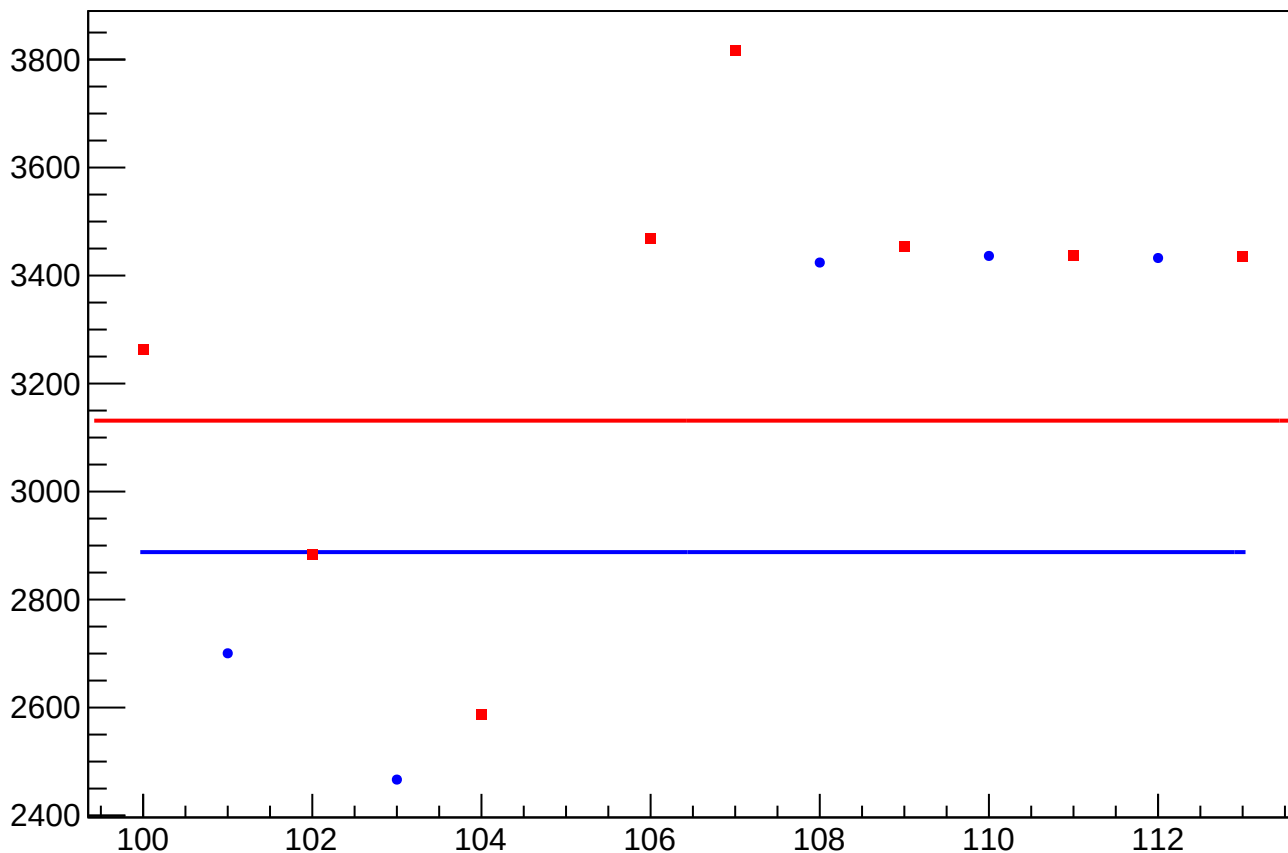
Right: 920.485+/-1267.264 χ^2/NDF : 9.5/12

In: 1756.816+/-1833.405 χ^2/NDF : 4.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 920.485+/-1267.264 χ^2/NDF : 9.5/12

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: 3131.317+/-1.240 χ^2/NDF : 100423.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

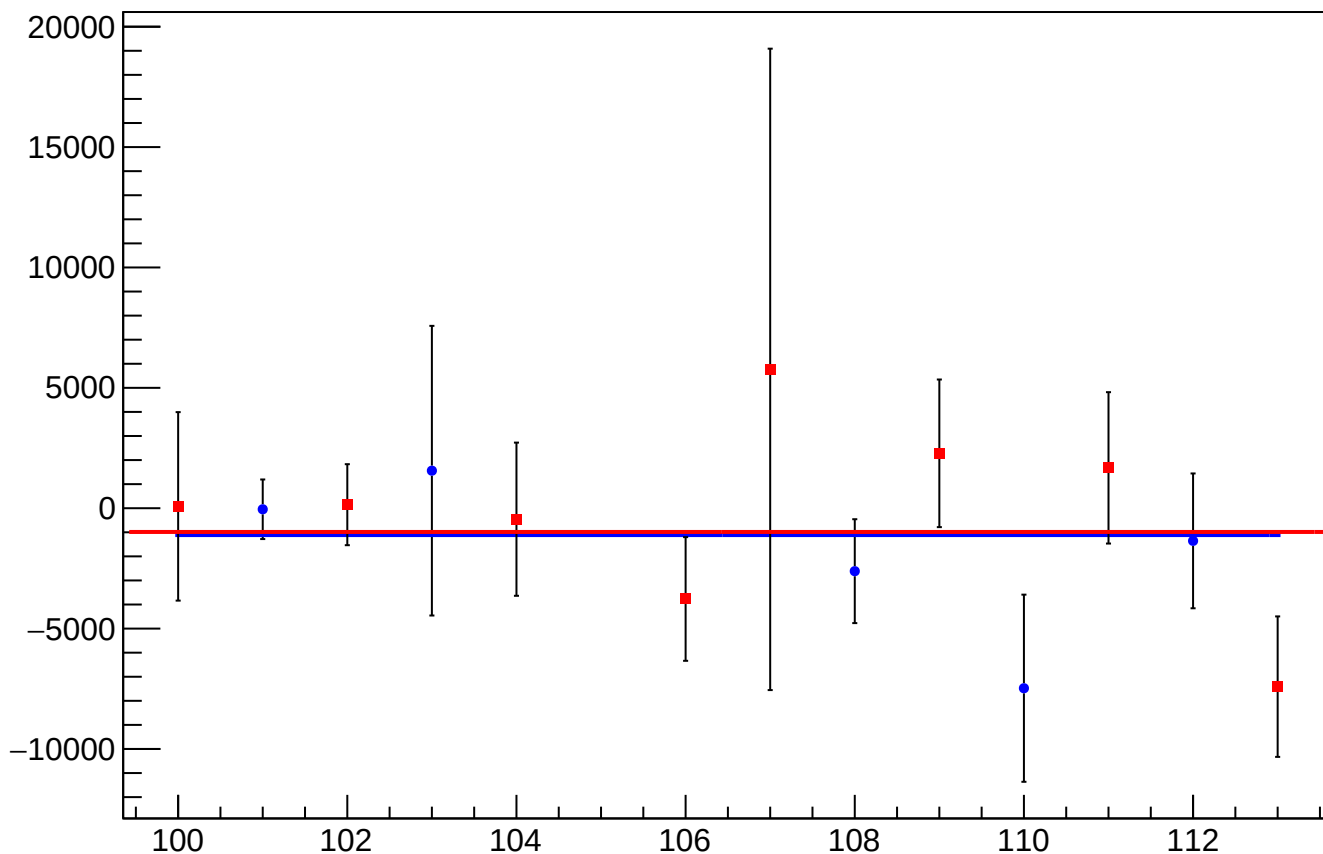
Right: 3015.011+/-0.896 χ^2/NDF : 224163.6/12

In: 2887.881+/-1.296 χ^2/NDF : 105326.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3015.011+/-0.896 χ^2/NDF : 224163.6/12

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: -985.903+/-1000.188 χ^2/NDF : 8.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

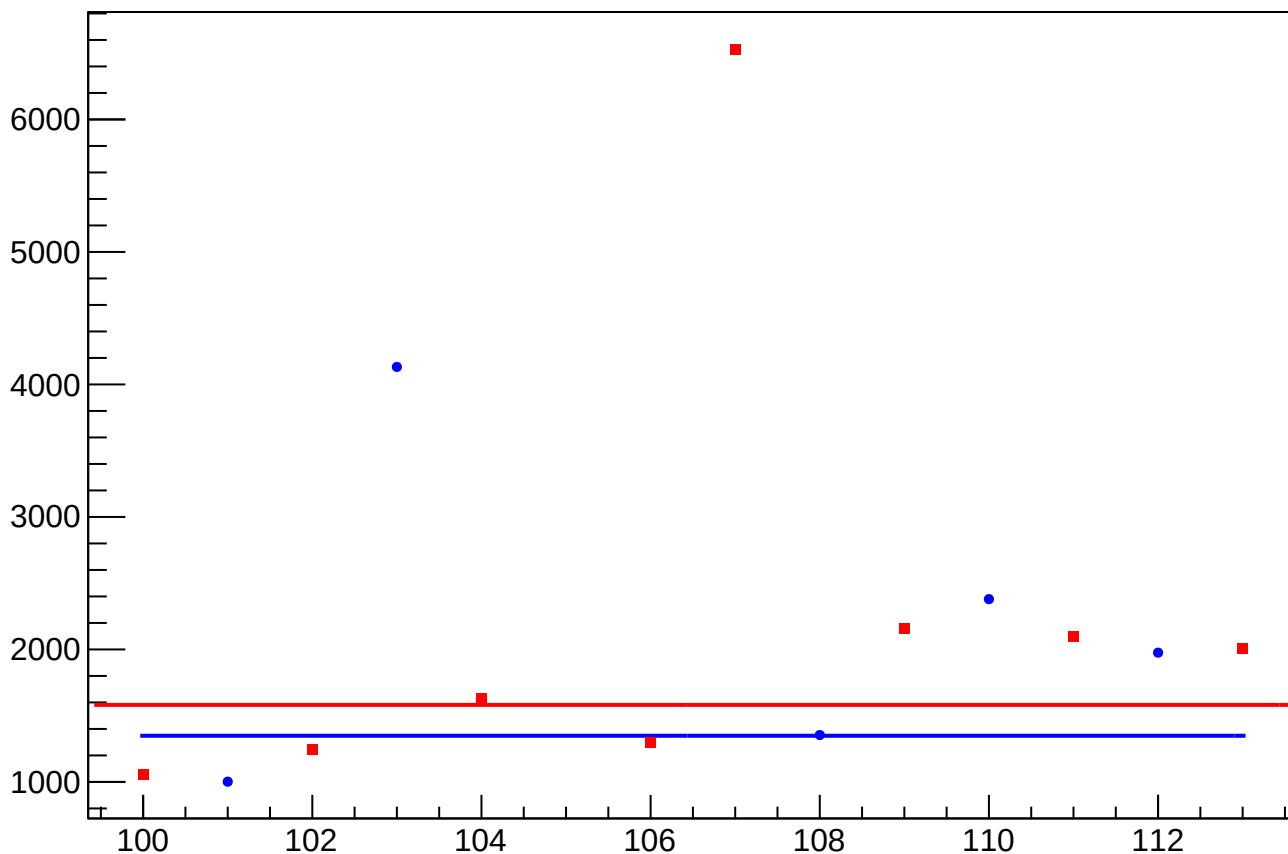
Right: -1053.467+/-691.897 χ^2/NDF : 12.8/12

In: -1115.470+/-958.146 χ^2/NDF : 4.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1053.467+/-691.897 χ^2/NDF : 12.8/12

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: 1581.484+/-0.707 χ^2/NDF : 585438.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

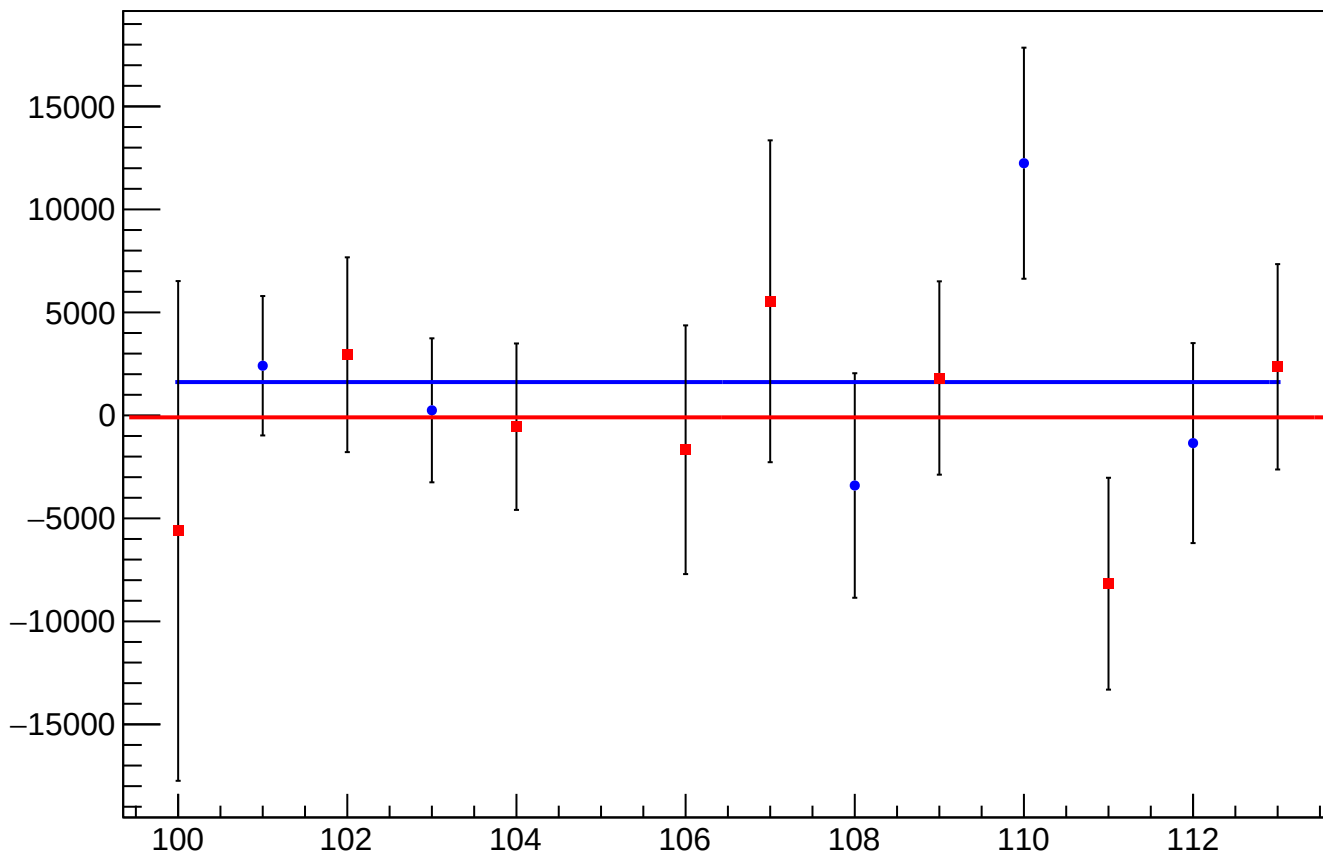
Right: 1460.011+/-0.489 χ^2/NDF : 1468291.0/12

In: 1348.535+/-0.678 χ^2/NDF : 826280.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1460.011+/-0.489 χ^2/NDF : 1468291.0/12

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: -94.896+/-1889.713 χ^2/NDF : 4.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

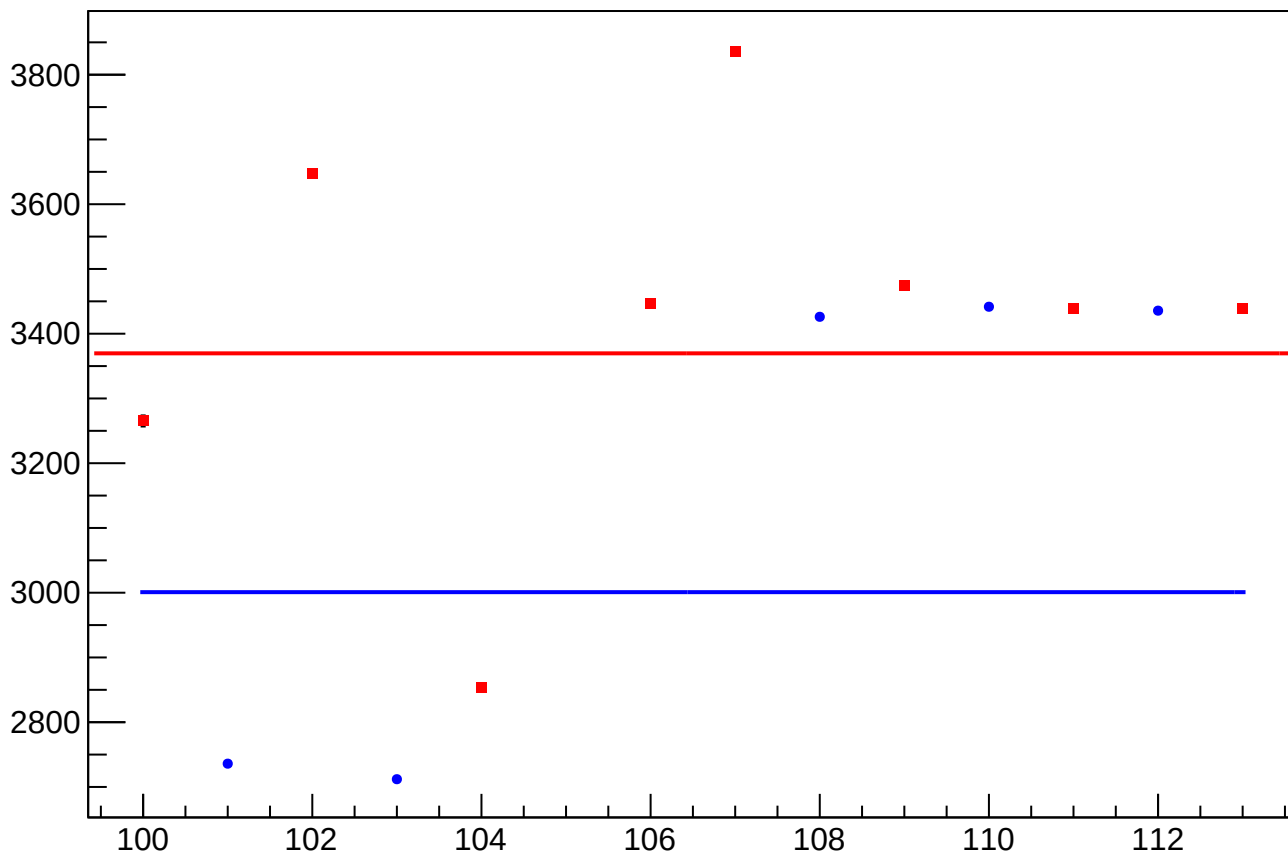
Right: 756.722+/-1339.840 χ^2/NDF : 9.5/12

In: 1617.609+/-1899.969 χ^2/NDF : 5.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 756.722+/-1339.840 χ^2/NDF : 9.5/12

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: 3369.678+/-1.336 χ^2/NDF : 48980.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

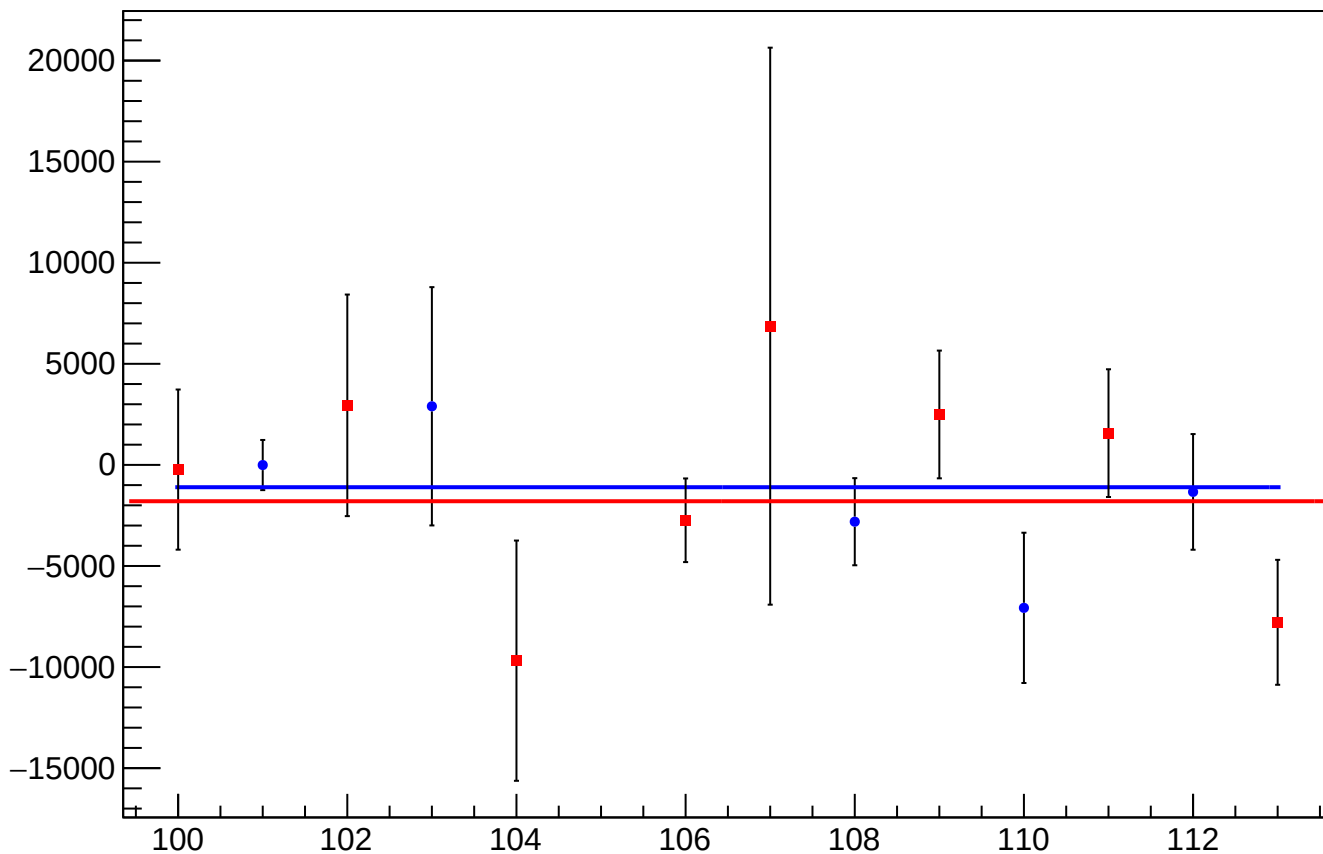
Right: 3186.264+/-0.947 χ^2/NDF : 153341.1/12

In: 3000.853+/-1.343 χ^2/NDF : 66473.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3186.264+/-0.947 χ^2/NDF : 153341.1/12

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: -1797.102+/-1222.287 χ^2/NDF : 10.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

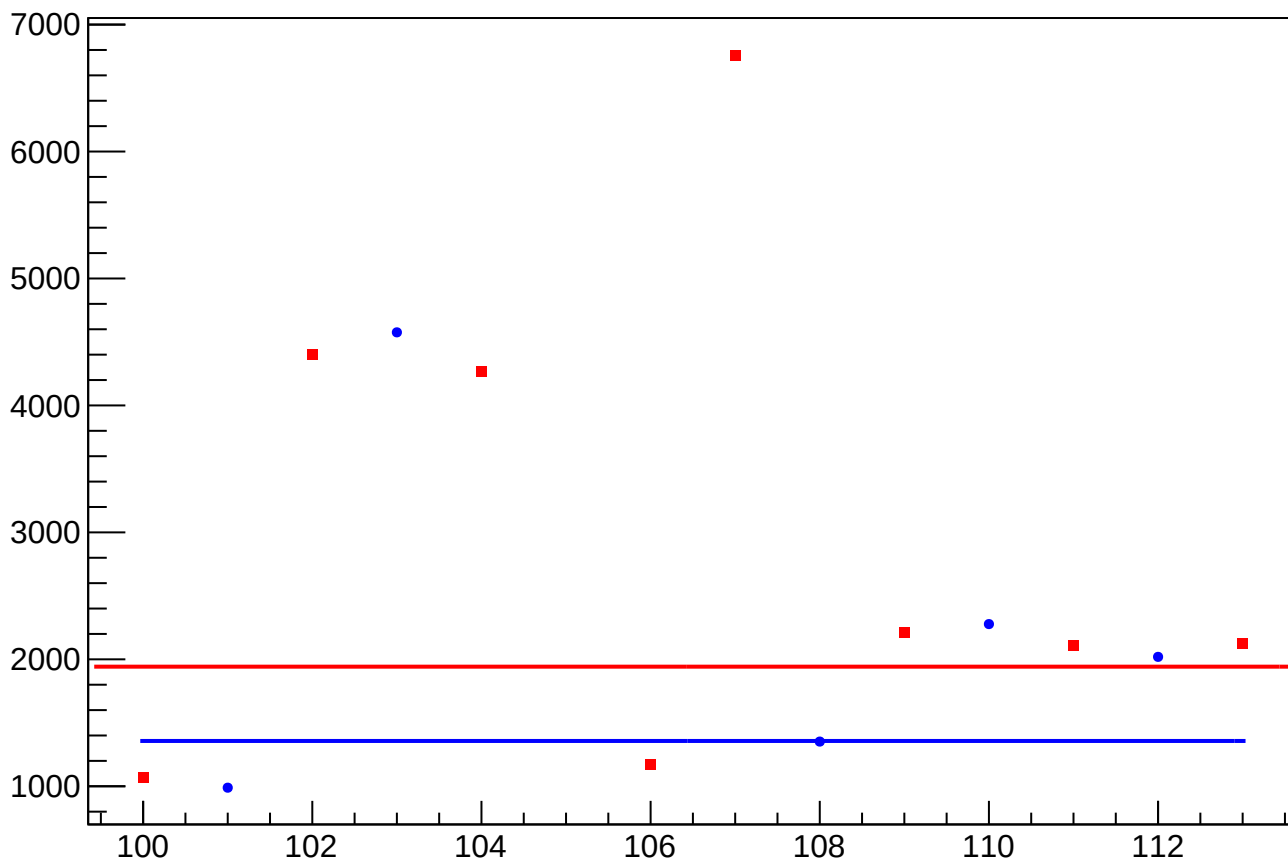
Right: -1367.697+/-754.197 χ^2/NDF : 14.7/12

In: -1103.691+/-958.399 χ^2/NDF : 4.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1367.697+/-754.197 χ^2/NDF : 14.7/12

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: 1942.207+/-0.864 χ^2/NDF : 1354820.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

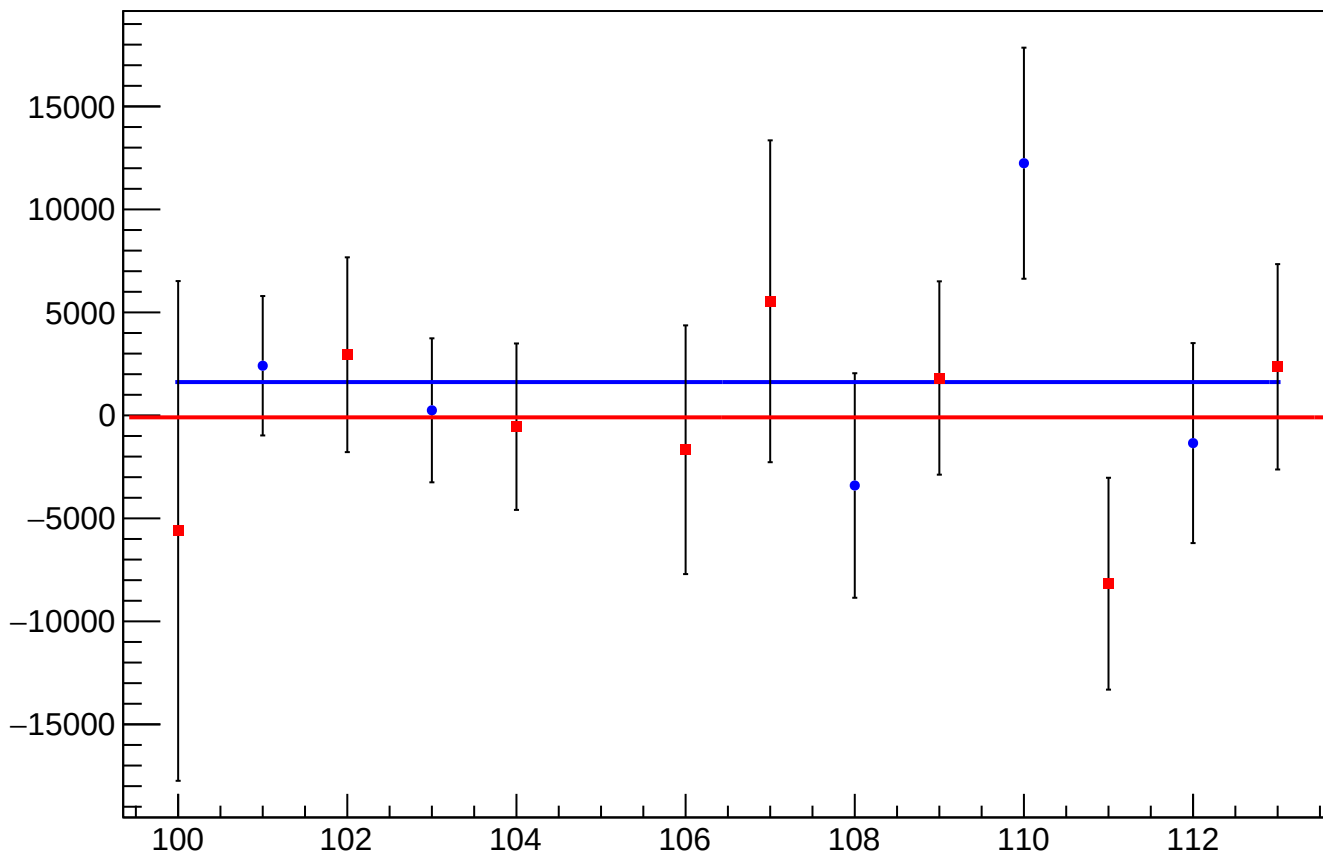
Right: 1579.757+/-0.533 χ^2/NDF : 2641484.1/12

In: 1356.917+/-0.678 χ^2/NDF : 1002673.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1579.757+/-0.533 χ^2/NDF : 2641484.1/12

eigen_dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1617.601+/-1899.968 χ^2/NDF : 5.0/4

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

Right Out: -94.902+/-1889.712 χ^2/NDF : 4.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

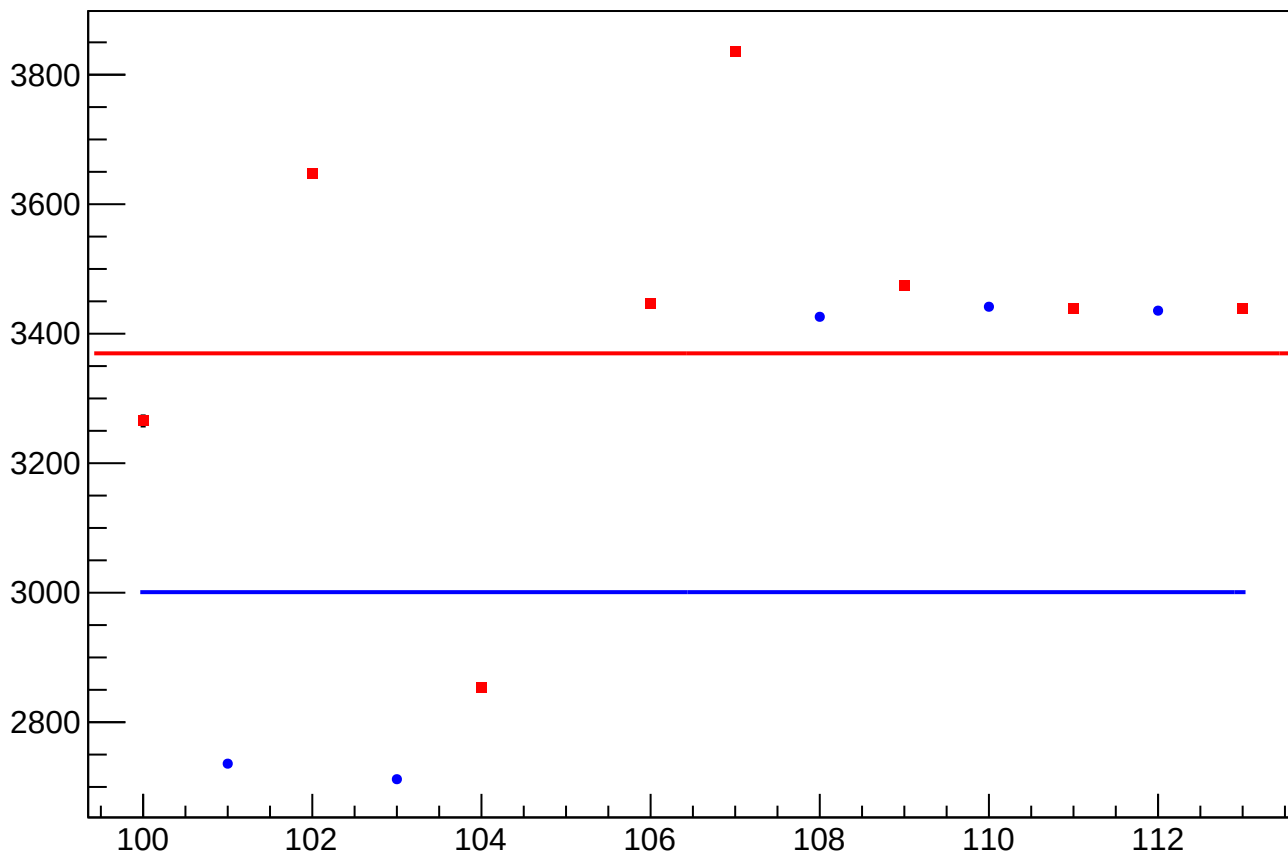
Right: 756.715+/-1339.839 χ^2/NDF : 9.5/12

In: 1617.601+/-1899.968 χ^2/NDF : 5.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 756.715+/-1339.839 χ^2/NDF : 9.5/12

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: 3369.676+/-1.336 χ^2/NDF : 48981.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

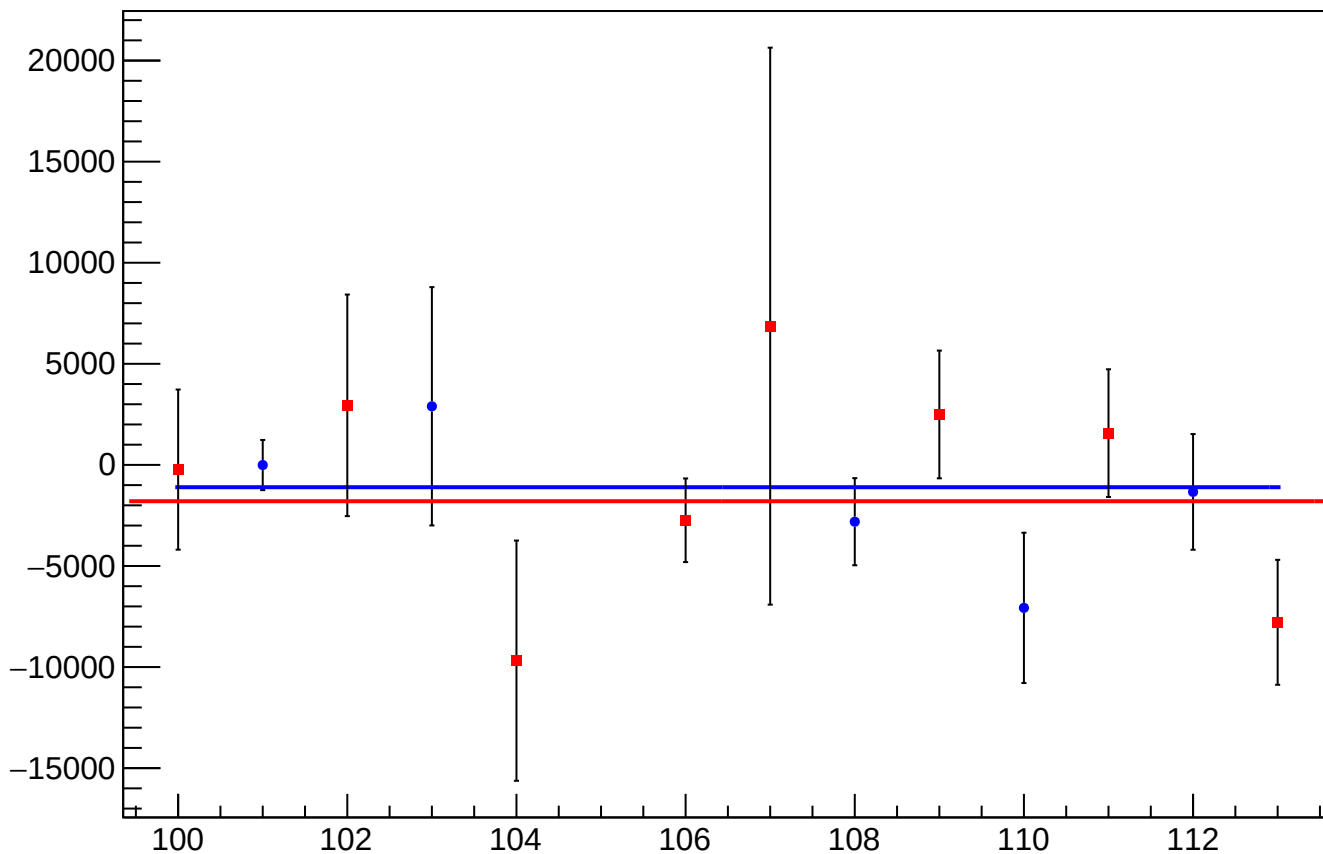
Right: 3186.262+/-0.947 χ^2/NDF : 153342.4/12

In: 3000.851+/-1.343 χ^2/NDF : 66474.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3186.262+/-0.947 χ^2/NDF : 153342.4/12

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: -1797.099+/-1222.286 χ^2/NDF : 10.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

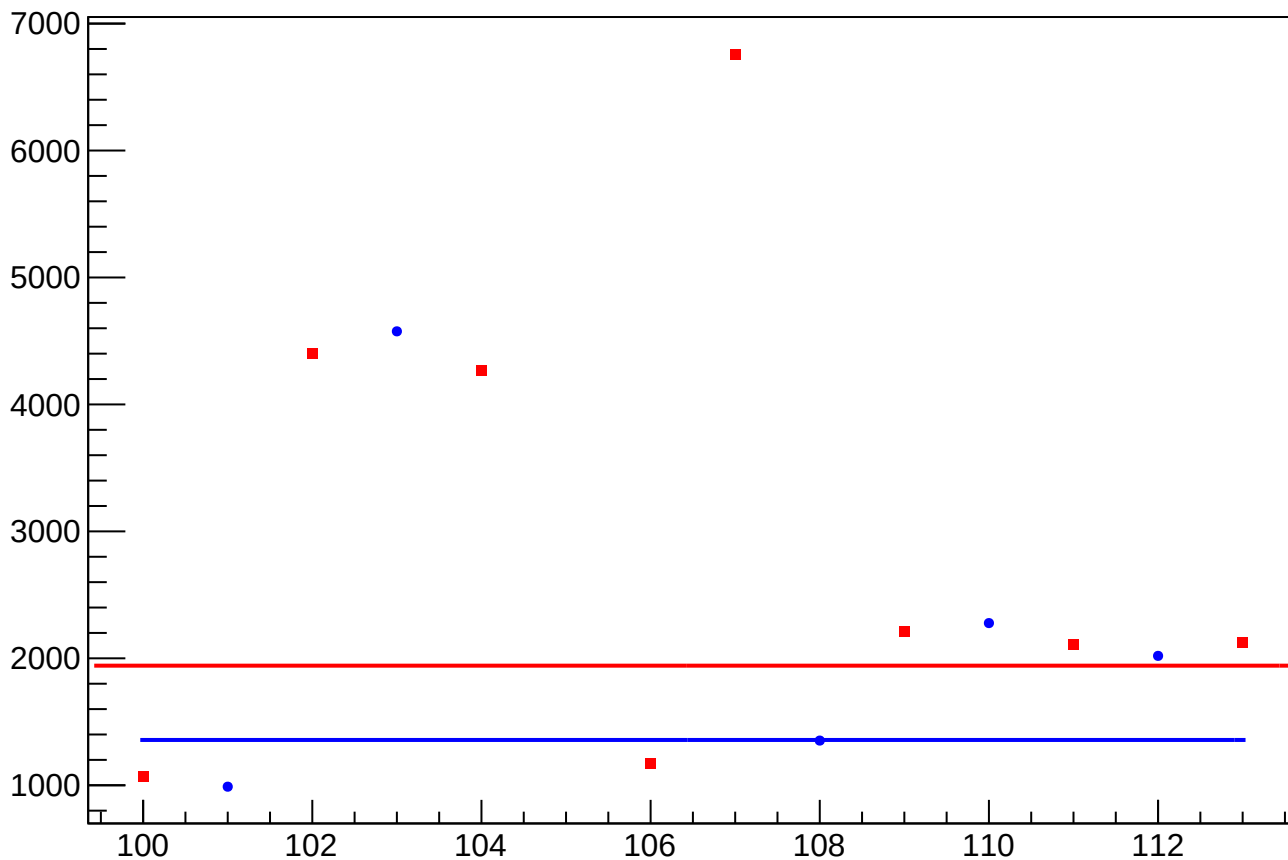
Right: -1367.700+/-754.196 χ^2/NDF : 14.7/12

In: -1103.697+/-958.399 χ^2/NDF : 4.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1367.700+/-754.196 χ^2/NDF : 14.7/12

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: 1942.205+/-0.864 χ^2/NDF : 1354824.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

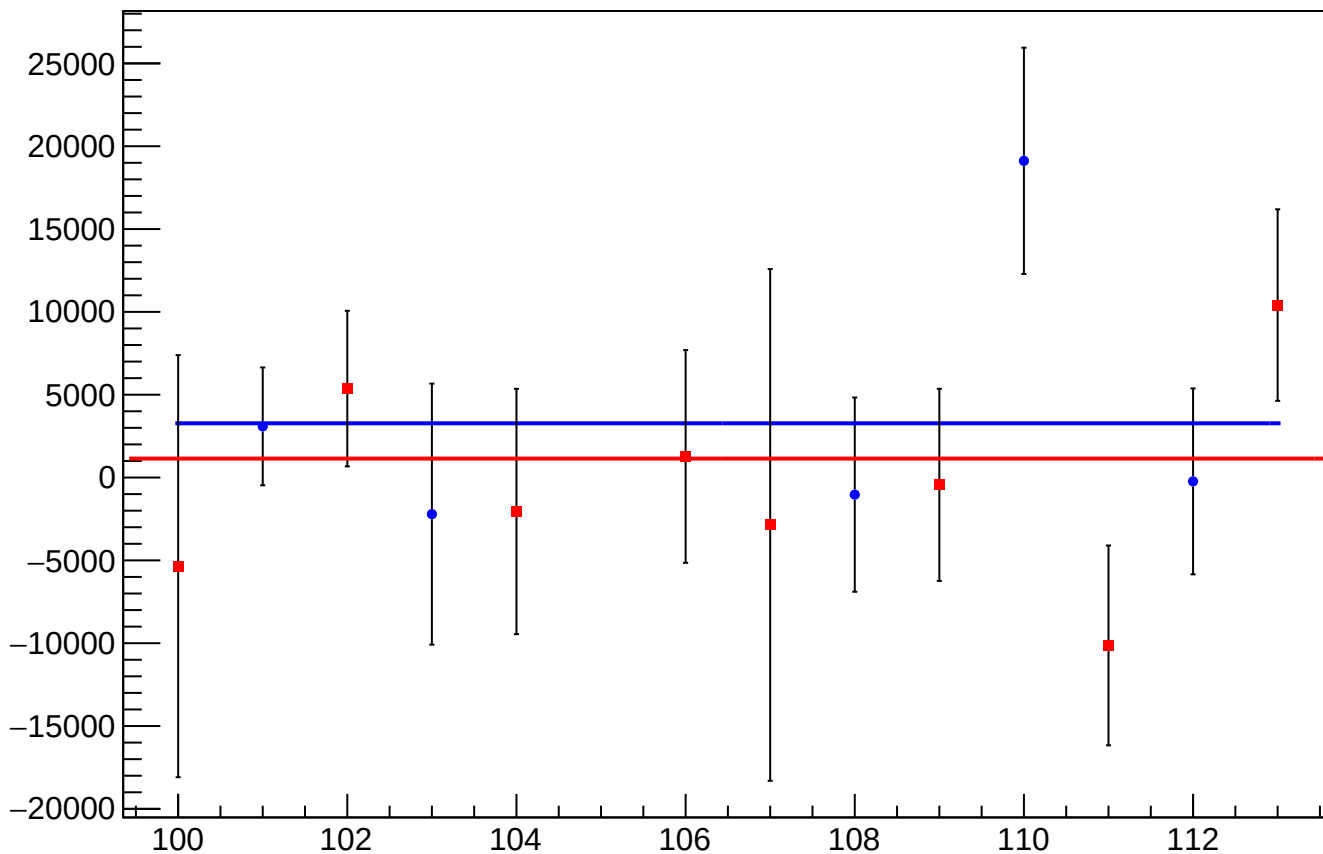
Right: 1579.756+/-0.533 χ^2/NDF : 2641487.8/12

In: 1356.916+/-0.678 χ^2/NDF : 1002674.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1579.756+/-0.533 χ^2/NDF : 2641487.8/12

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: 1144.306+/-2322.838 χ^2/NDF : 7.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

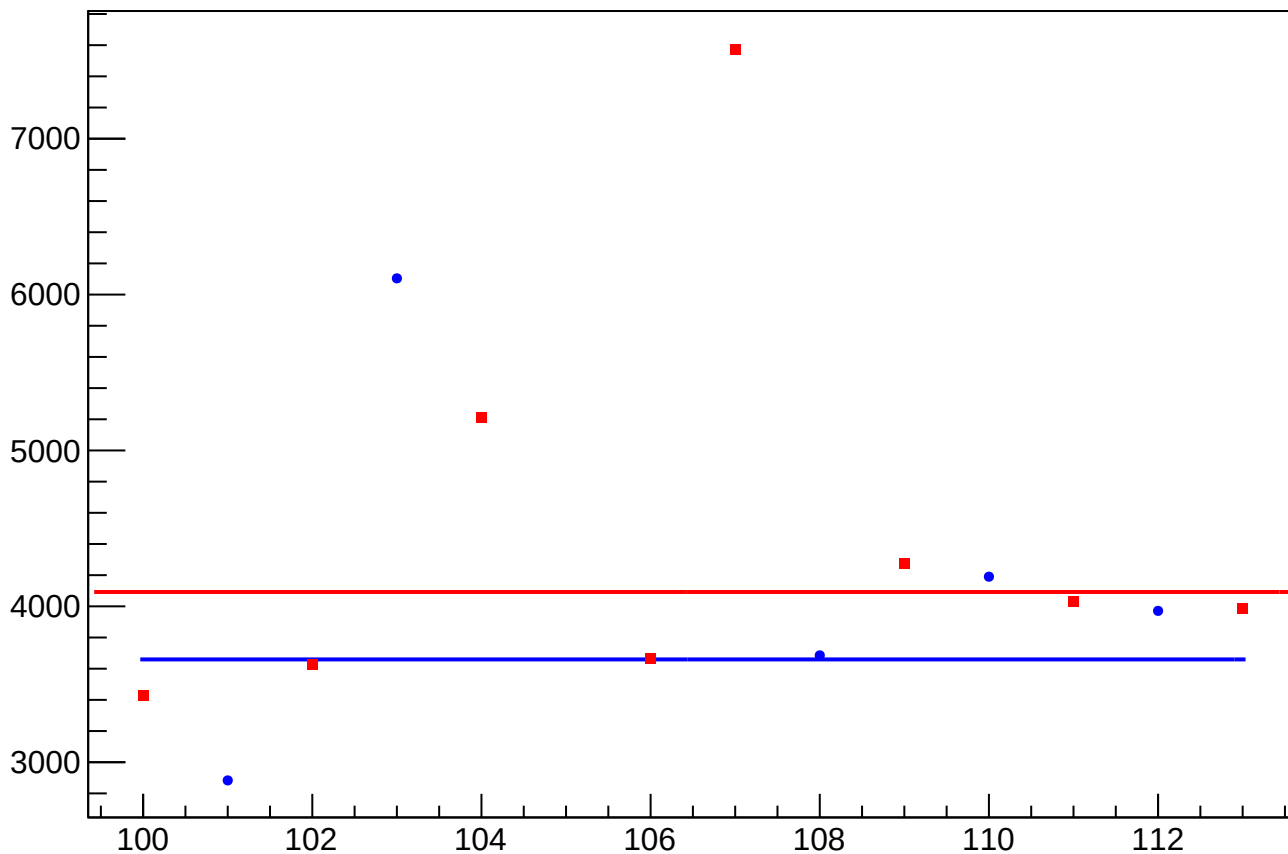
Right: 2186.320+/-1660.239 χ^2/NDF : 14.7/12

In: 3274.611+/-2373.858 χ^2/NDF : 6.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2186.320+/-1660.239 χ^2/NDF : 14.7/12

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: 4092.105+/-1.642 χ^2/NDF : 184117.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

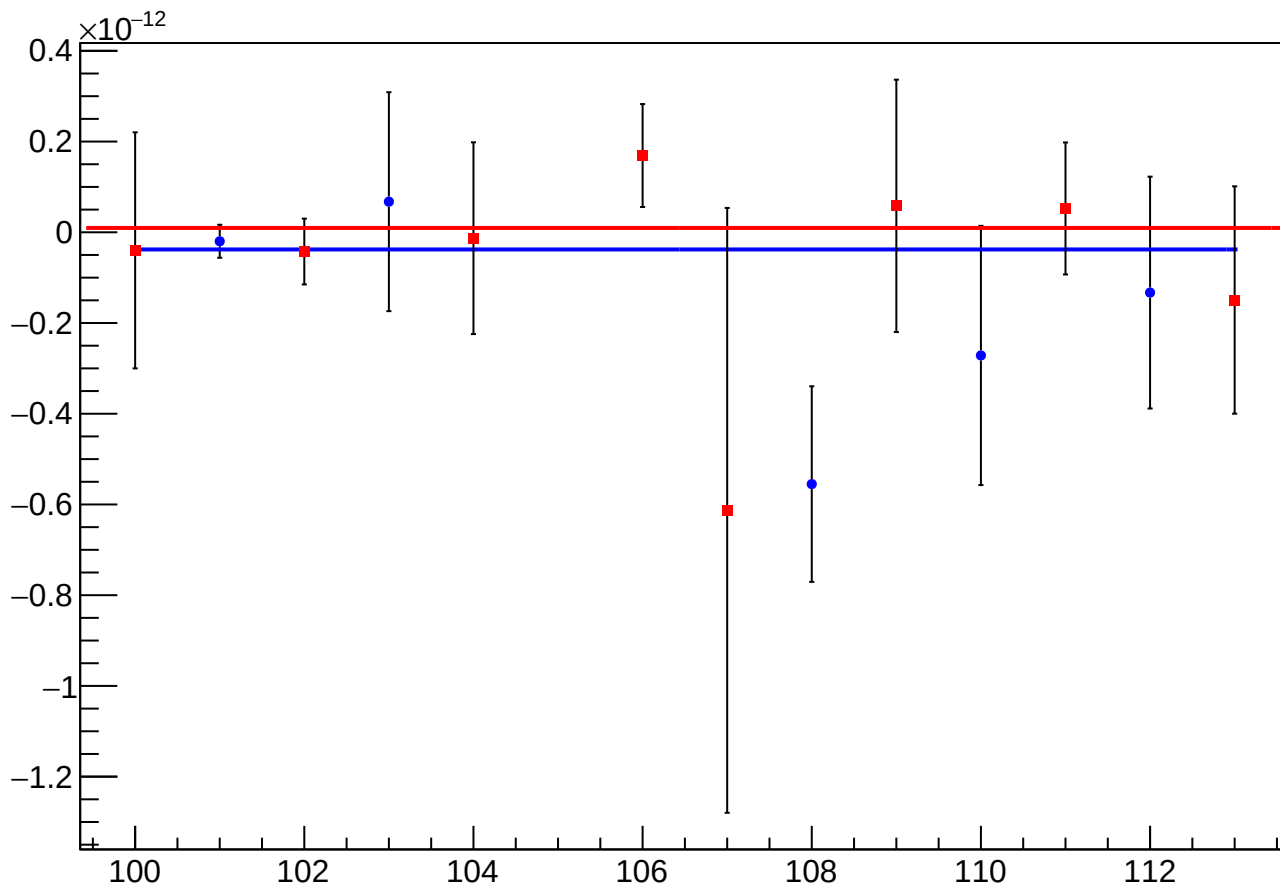
Right: 3880.479+/-1.174 χ^2/NDF : 524081.0/12

In: 3659.454+/-1.679 χ^2/NDF : 306024.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3880.479+/-1.174 χ^2/NDF : 524081.0/12

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 : 3.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

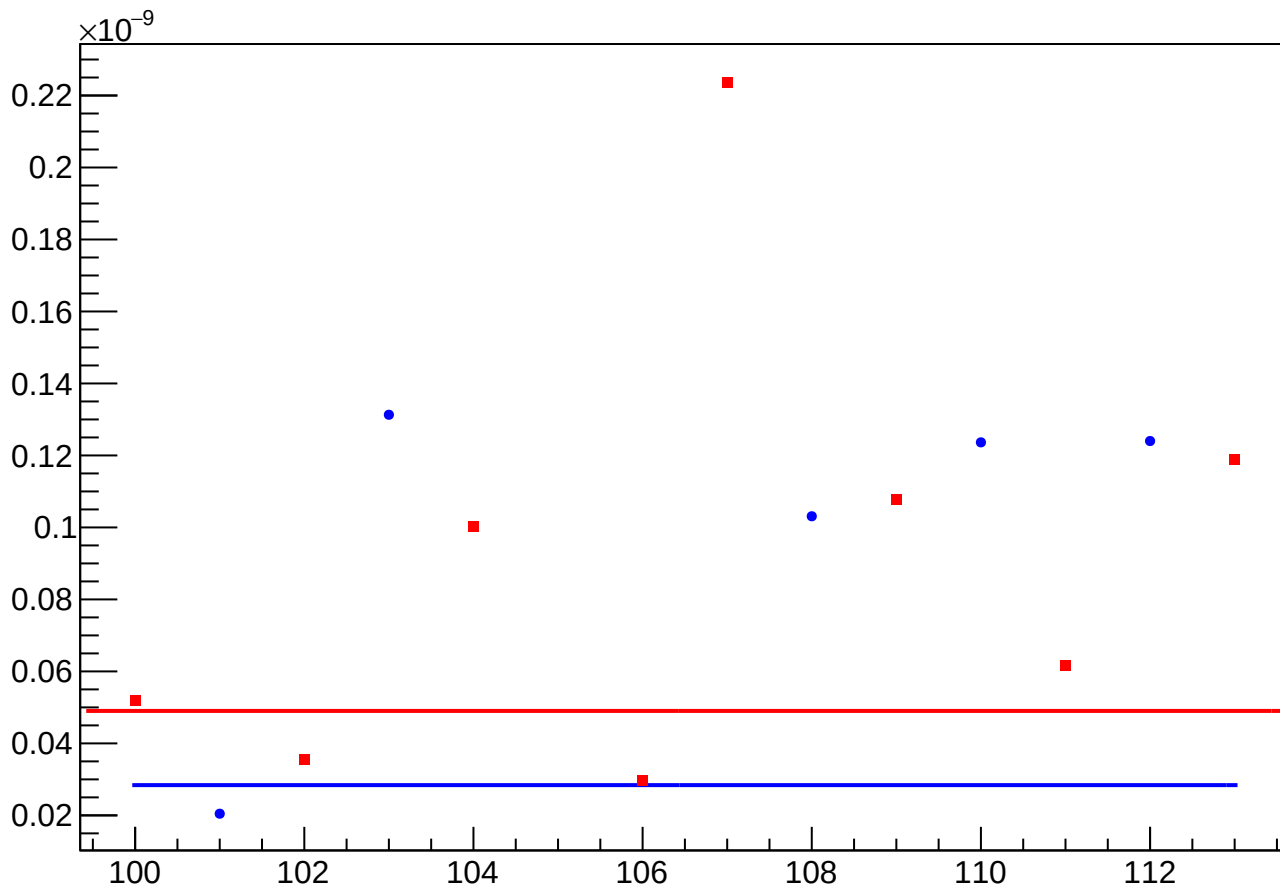
Right: -0.000+/-0.000 χ^2/NDF : 11.5/12

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 : 11.5/12

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 : 639989.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

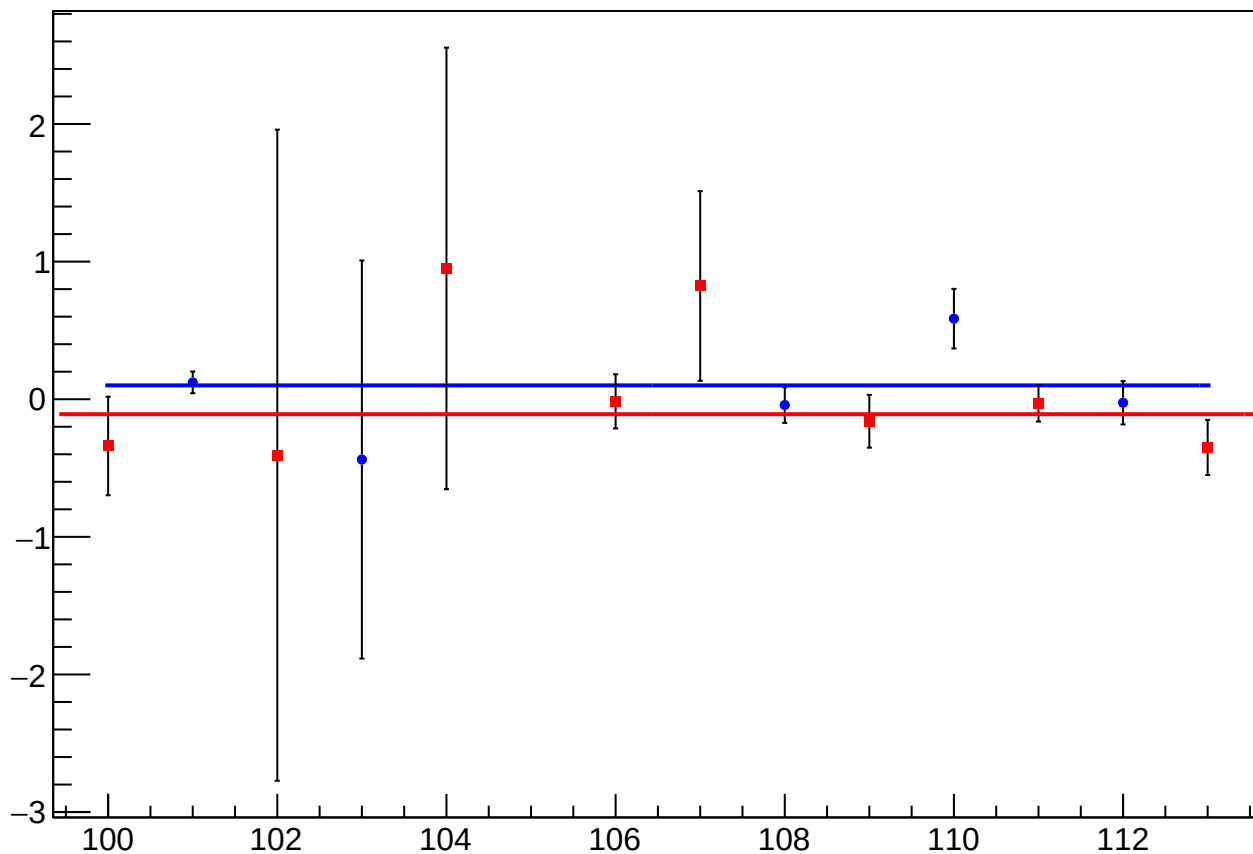
Right: 0.000+/-0.000 χ^2/NDF : 2063229.3/12

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 : 2063229.3/12

asym_atl1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.101+/-0.059 χ^2/NDF : 7.1/4

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

Right Out: -0.109+/-0.083 χ^2/NDF : 4.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

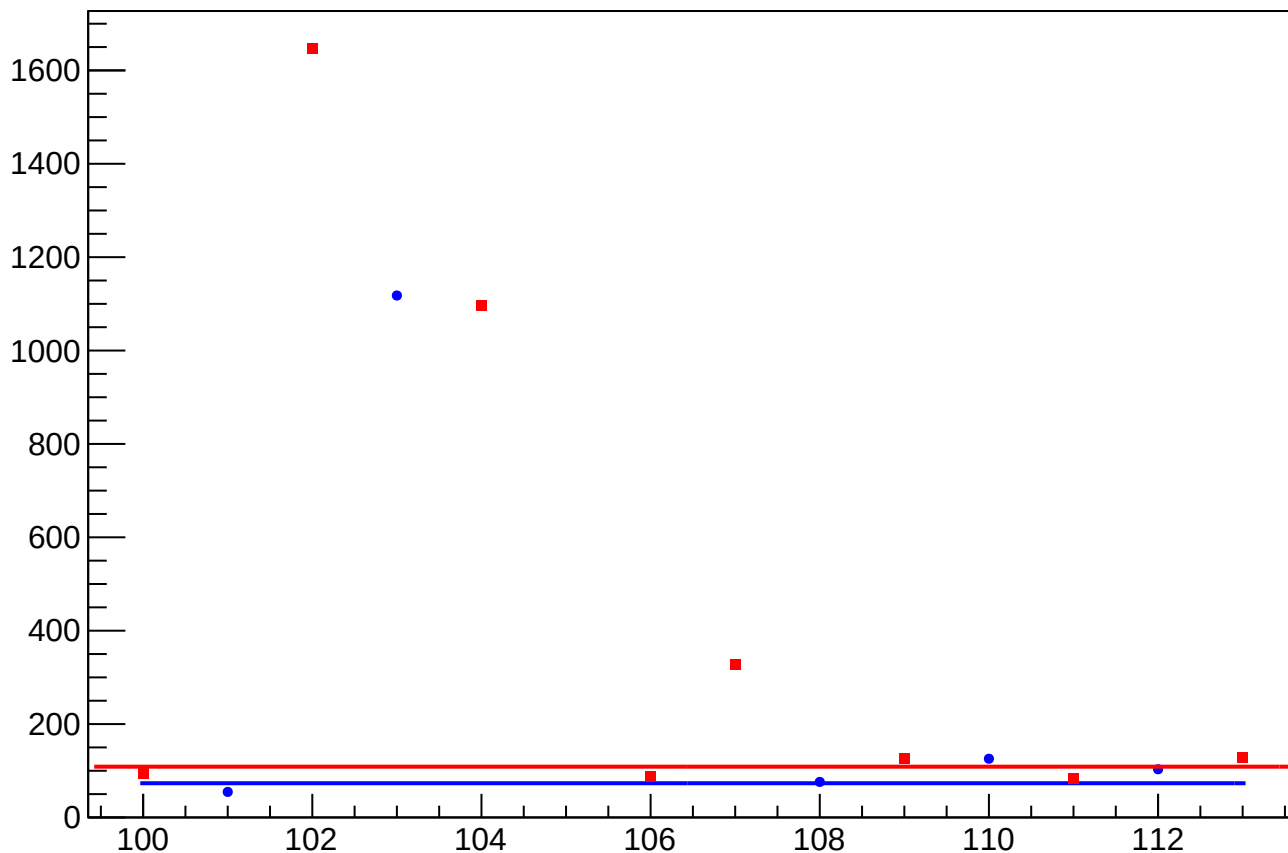
Right: 0.029+/-0.048 χ^2/NDF : 16.1/12

In: 0.101+/-0.059 χ^2/NDF : 7.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.048 χ^2/NDF : 16.1/12

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: 108.768+/-0.058 χ^2/NDF : 1935165.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

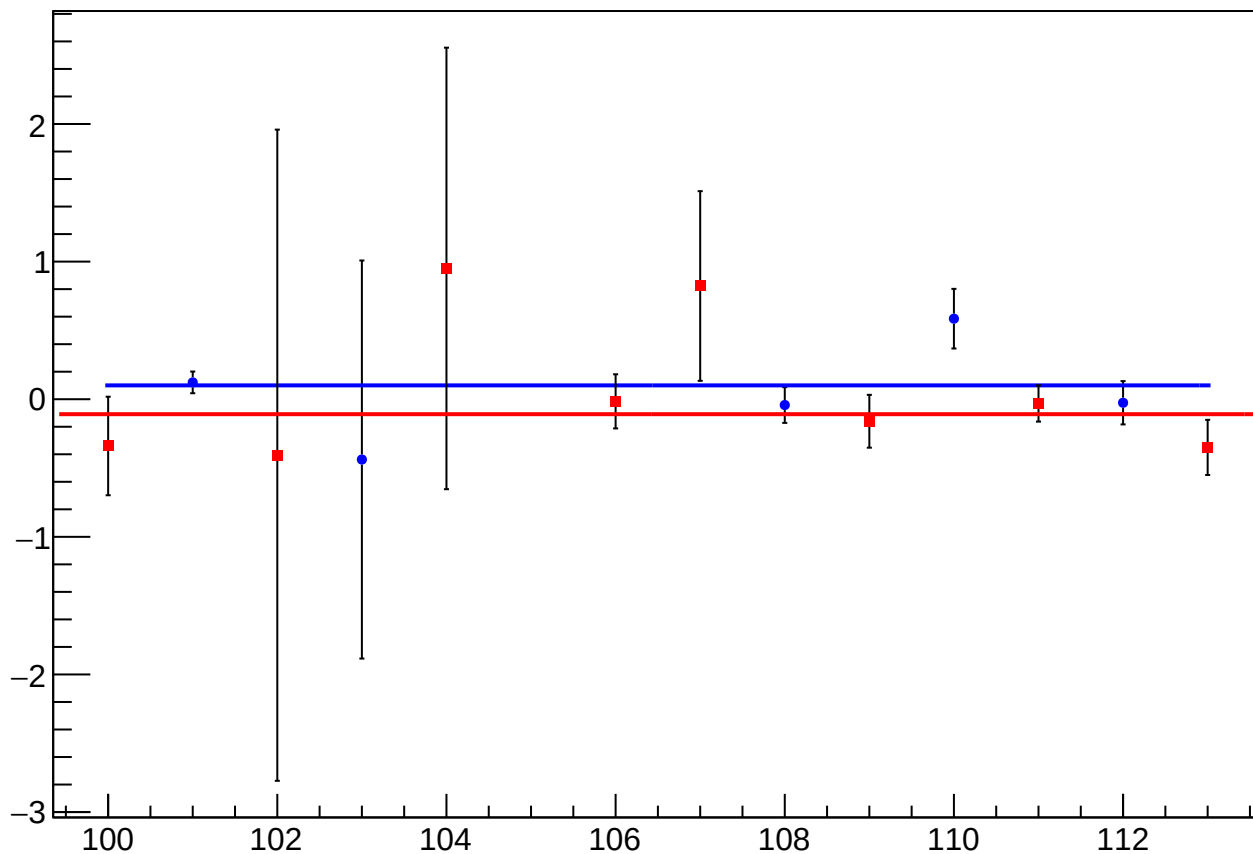
Right: 85.382+/-0.034 χ^2/NDF : 3522984.4/12

In: 73.285+/-0.042 χ^2/NDF : 1345277.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.382+/-0.034 χ^2/NDF : 3522984.4/12

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: -0.109 $\pm$ 0.083 χ^2 /NDF: 4.8/7

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

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

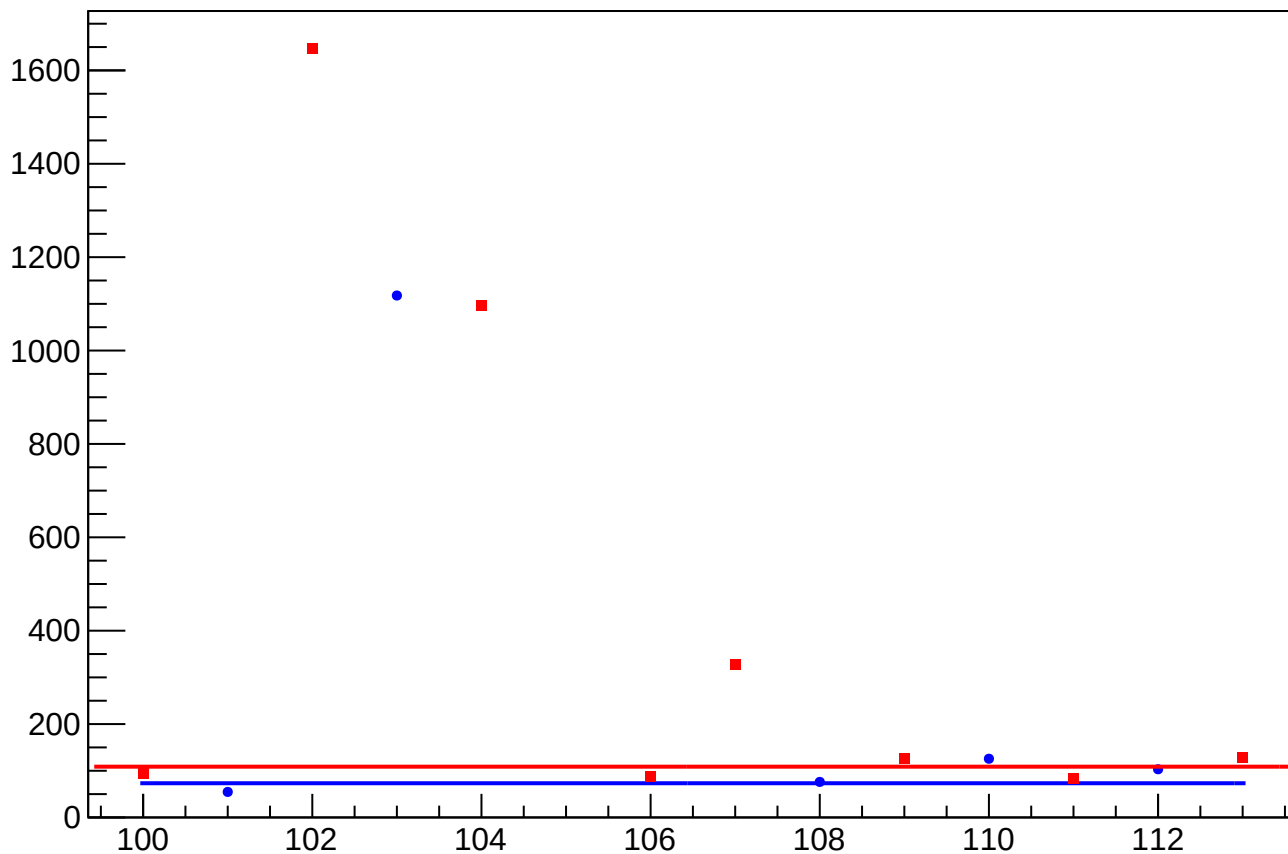
Right: 0.029 $\pm$ 0.048 χ^2 /NDF: 16.1/12

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: 0.029 $\pm$ 0.048 χ^2 /NDF: 16.1/12

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: 108.768+/-0.058 χ^2/NDF : 1935165.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

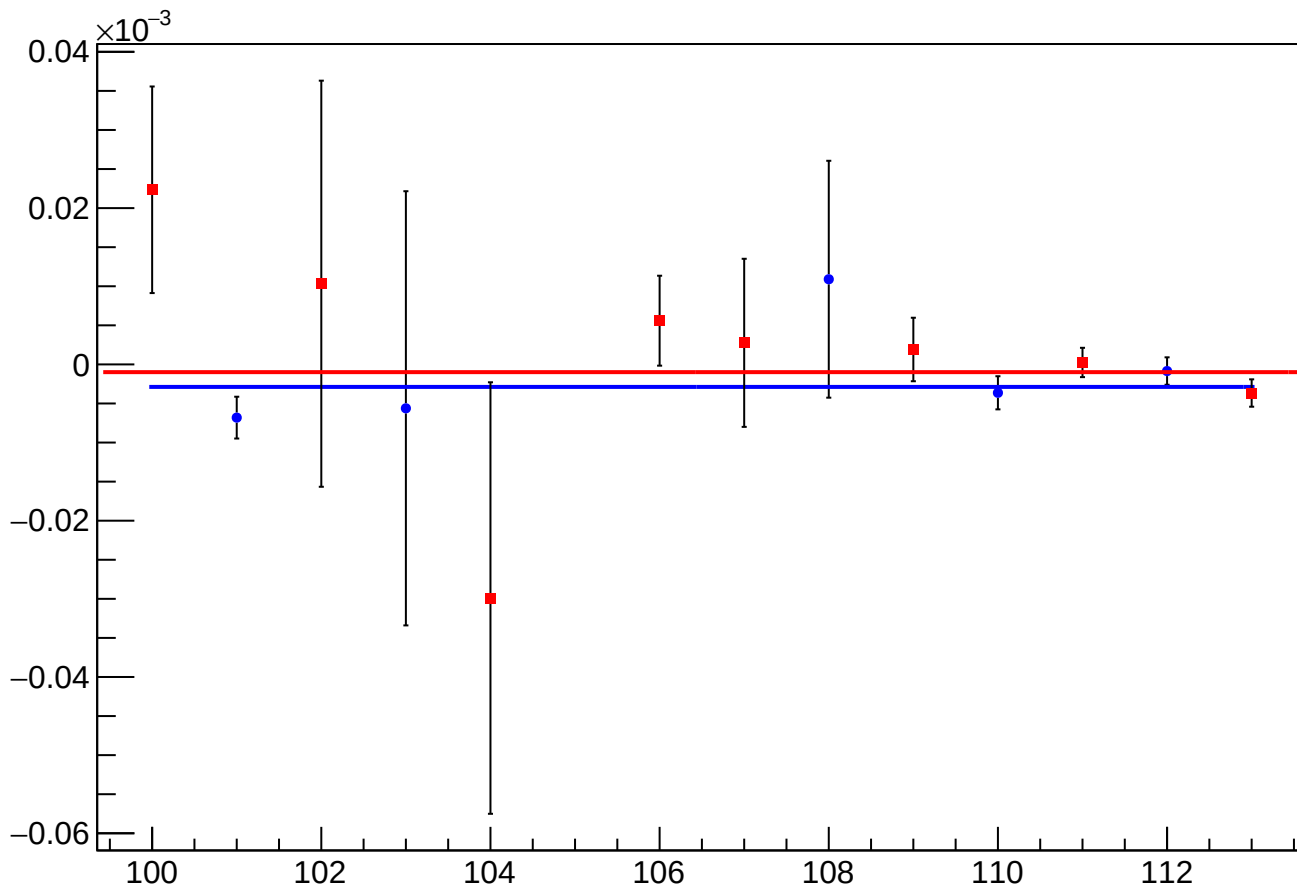
Right: 85.382+/-0.034 χ^2/NDF : 3522984.4/12

In: 73.285+/-0.042 χ^2/NDF : 1345277.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.382+/-0.034 χ^2/NDF : 3522984.4/12

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 : 9.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

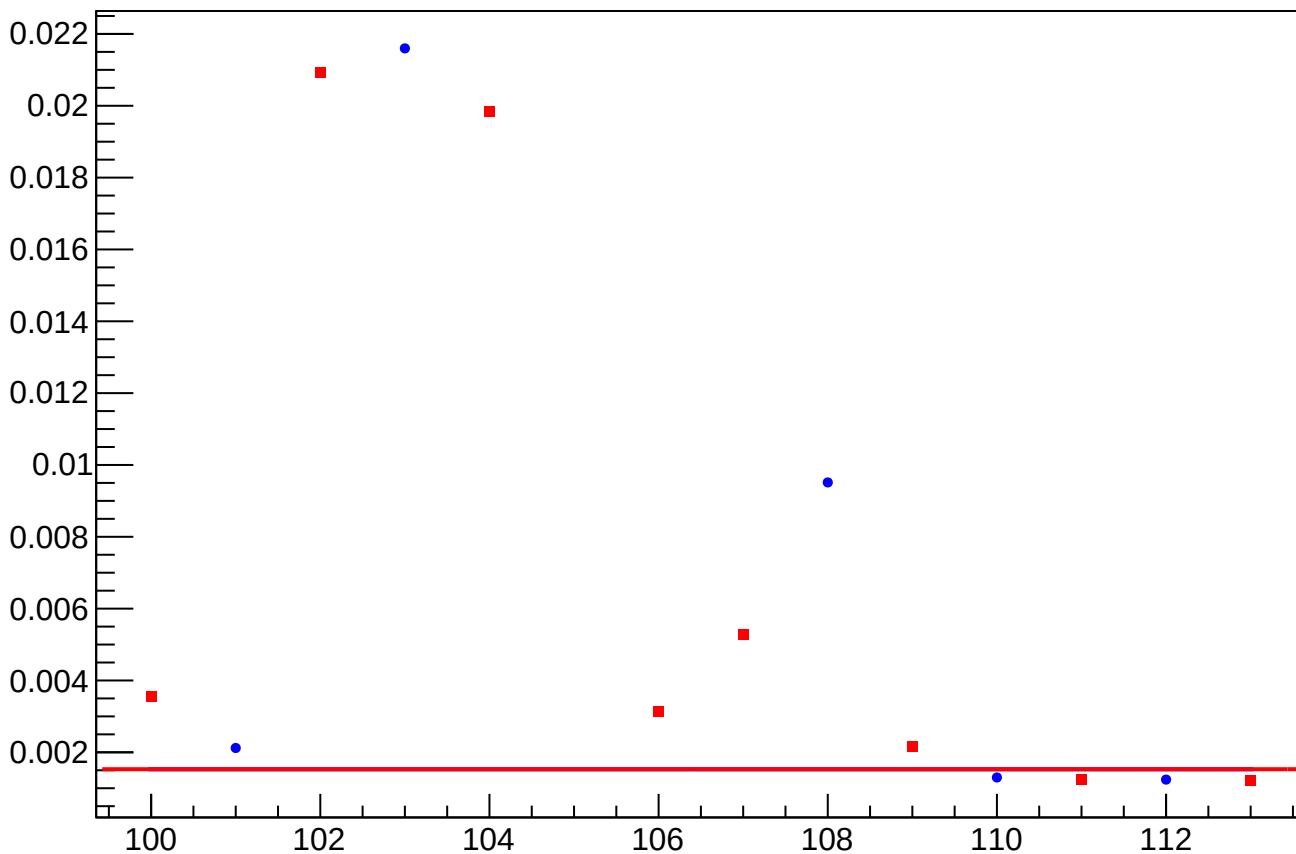
Right: -0.000+/-0.000 χ^2/NDF : 14.8/12

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 : 14.8/12

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 : 2596459.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

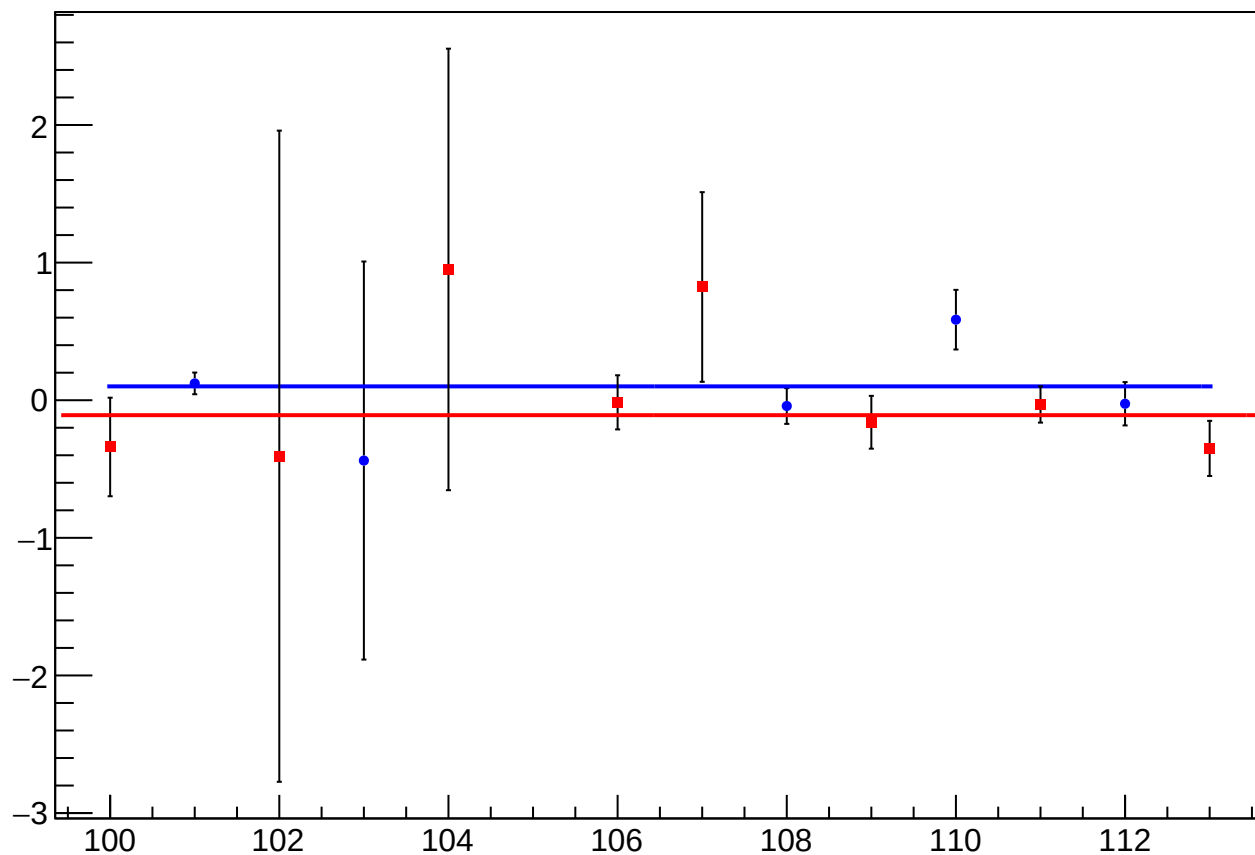
Right: 0.002+/-0.000 χ^2/NDF : 4370731.0/12

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 : 4370731.0/12

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: -0.109 $\pm$ 0.083 χ^2 /NDF: 4.8/7

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

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

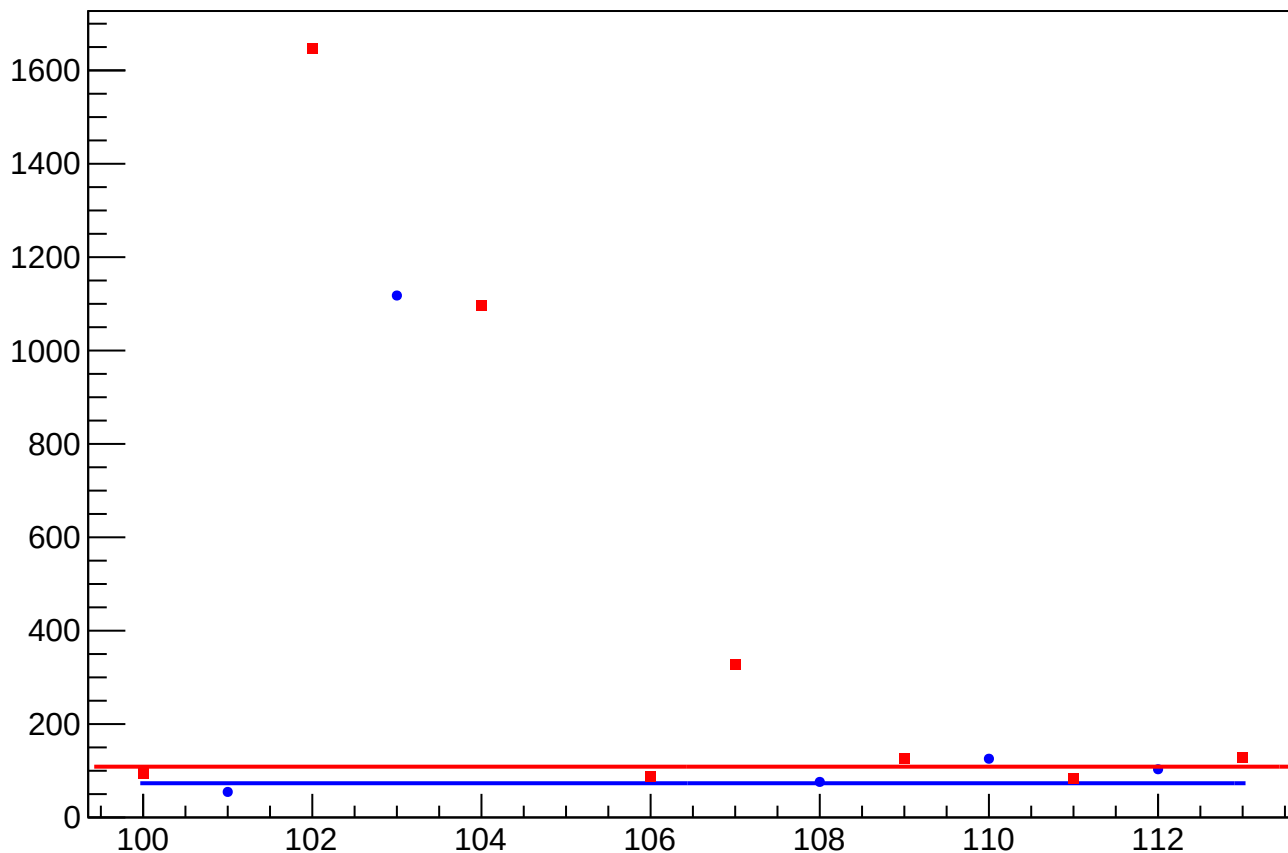
Right: 0.029 $\pm$ 0.048 χ^2 /NDF: 16.1/12

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: 0.029 $\pm$ 0.048 χ^2 /NDF: 16.1/12

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: 108.767+/-0.058 χ^2/NDF : 1935163.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

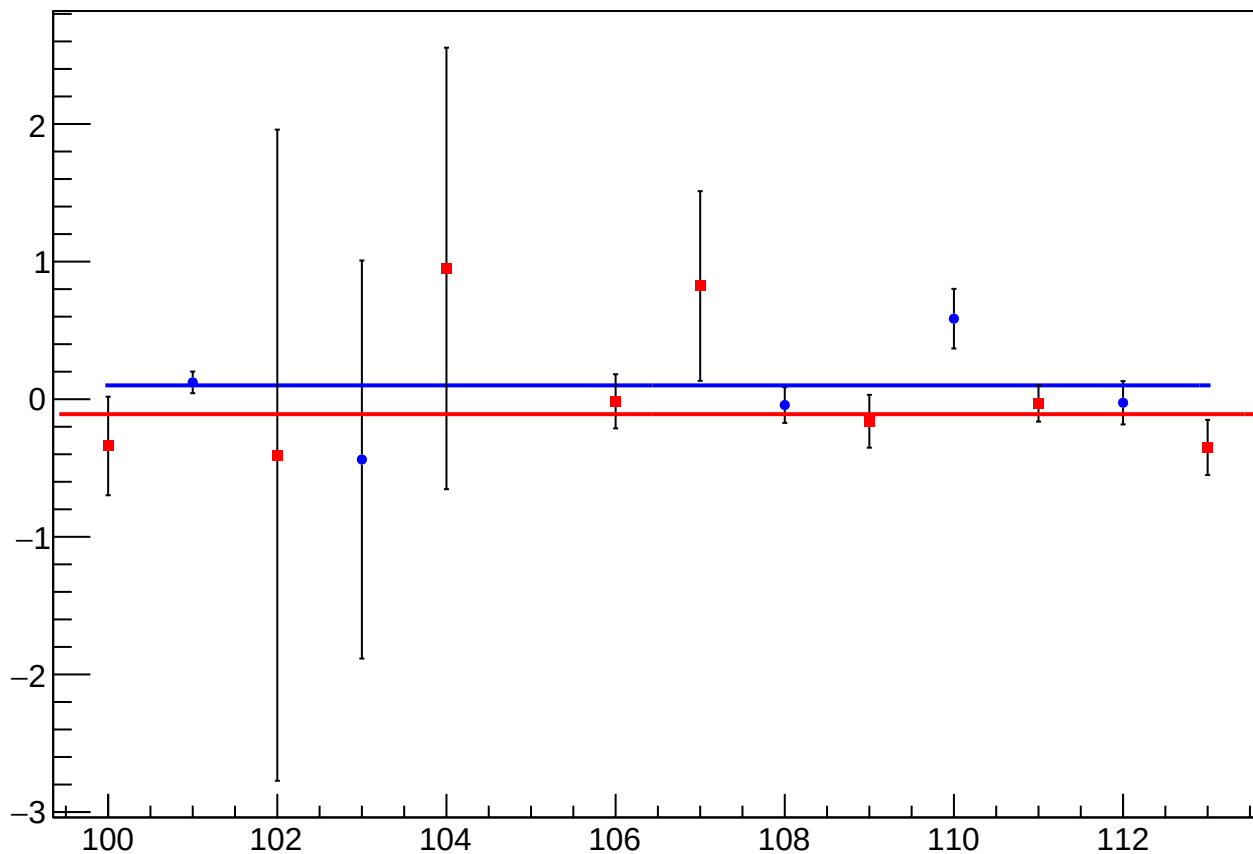
Right: 85.382+/-0.034 χ^2/NDF : 3522982.3/12

In: 73.285+/-0.042 χ^2/NDF : 1345288.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.382+/-0.034 χ^2/NDF : 3522982.3/12

asym_atl1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.101+/-0.059 χ^2/NDF : 7.1/4

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

Right Out: -0.109+/-0.083 χ^2/NDF : 4.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

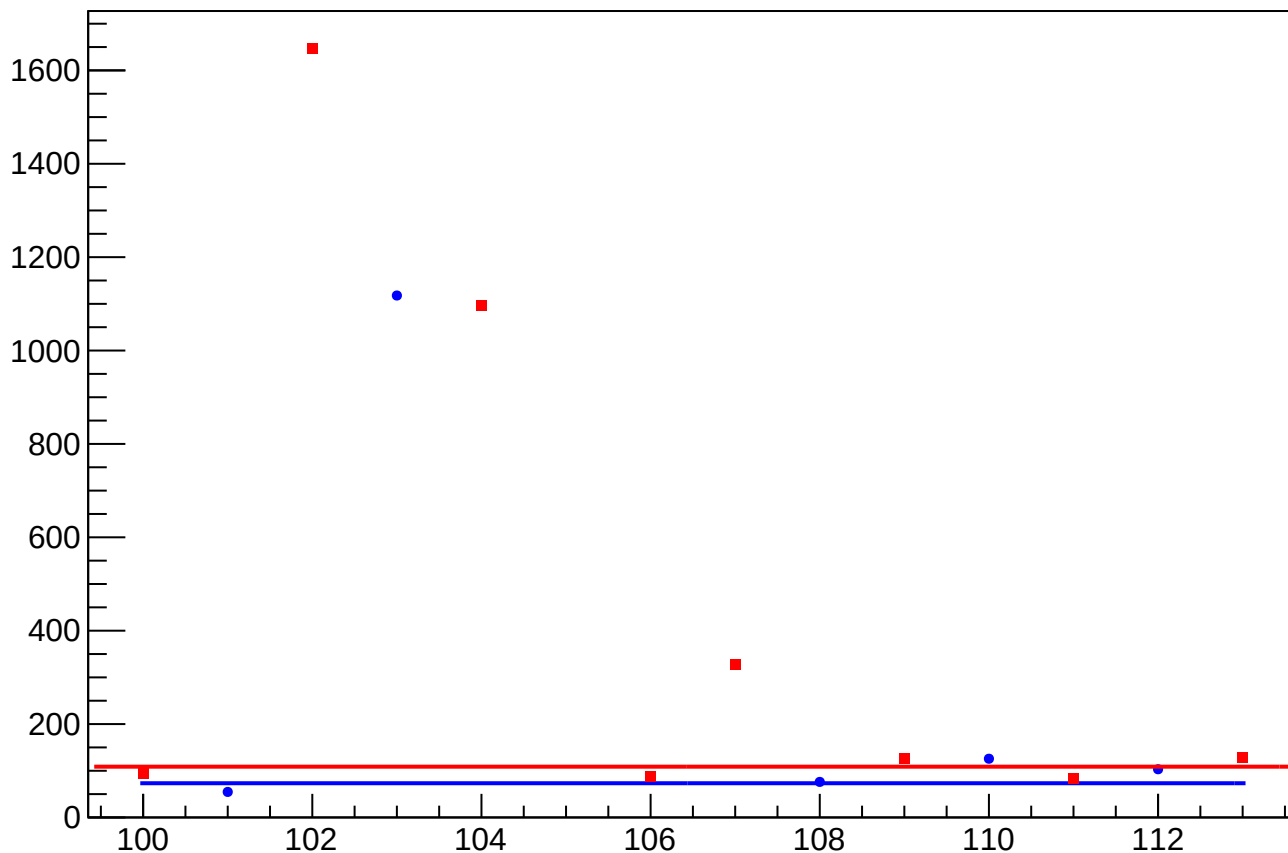
Right: 0.029+/-0.048 χ^2/NDF : 16.1/12

In: 0.101+/-0.059 χ^2/NDF : 7.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.048 χ^2/NDF : 16.1/12

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: 108.767+/-0.058 χ^2/NDF : 1935163.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

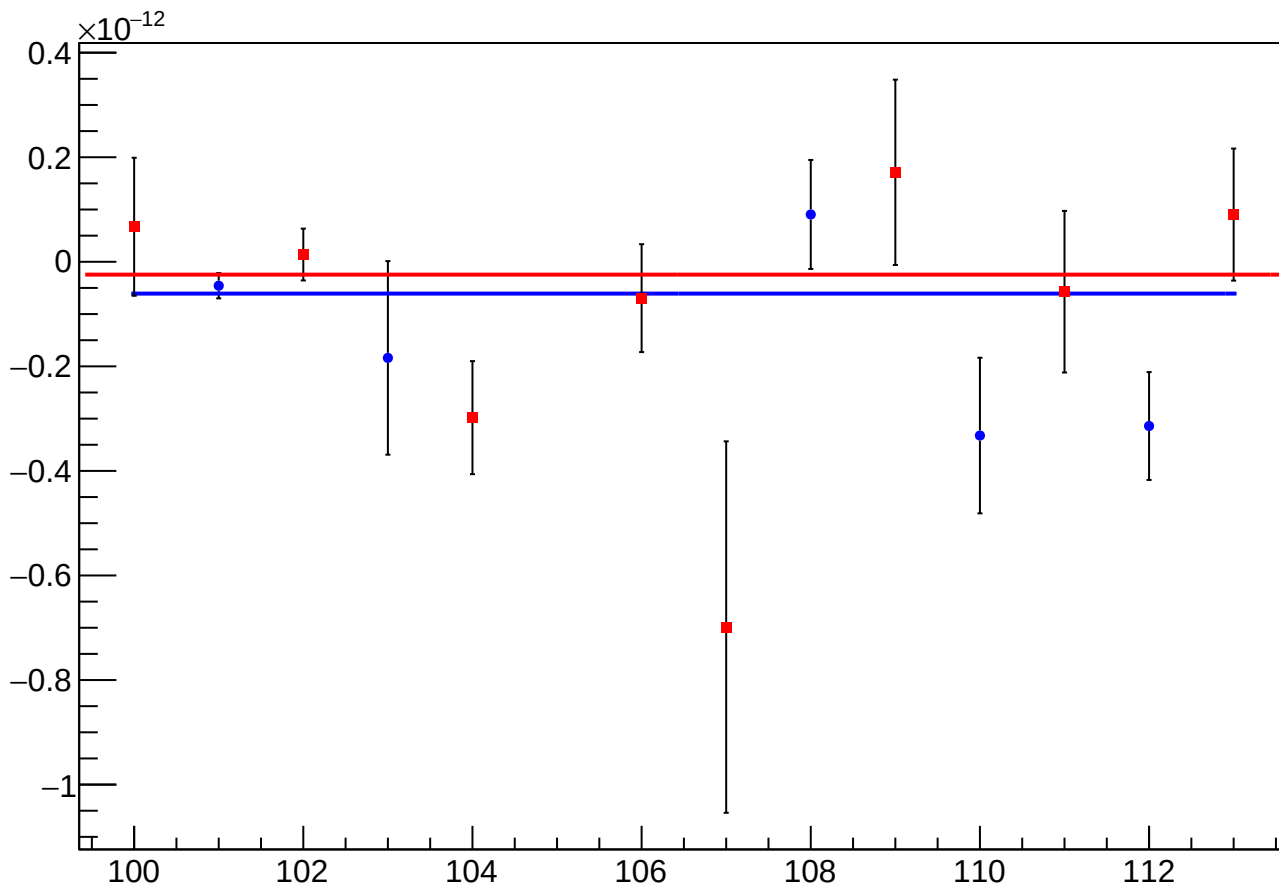
Right: 85.382+/-0.034 χ^2/NDF : 3522982.3/12

In: 73.285+/-0.042 χ^2/NDF : 1345288.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.382+/-0.034 χ^2/NDF : 3522982.3/12

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 : 13.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

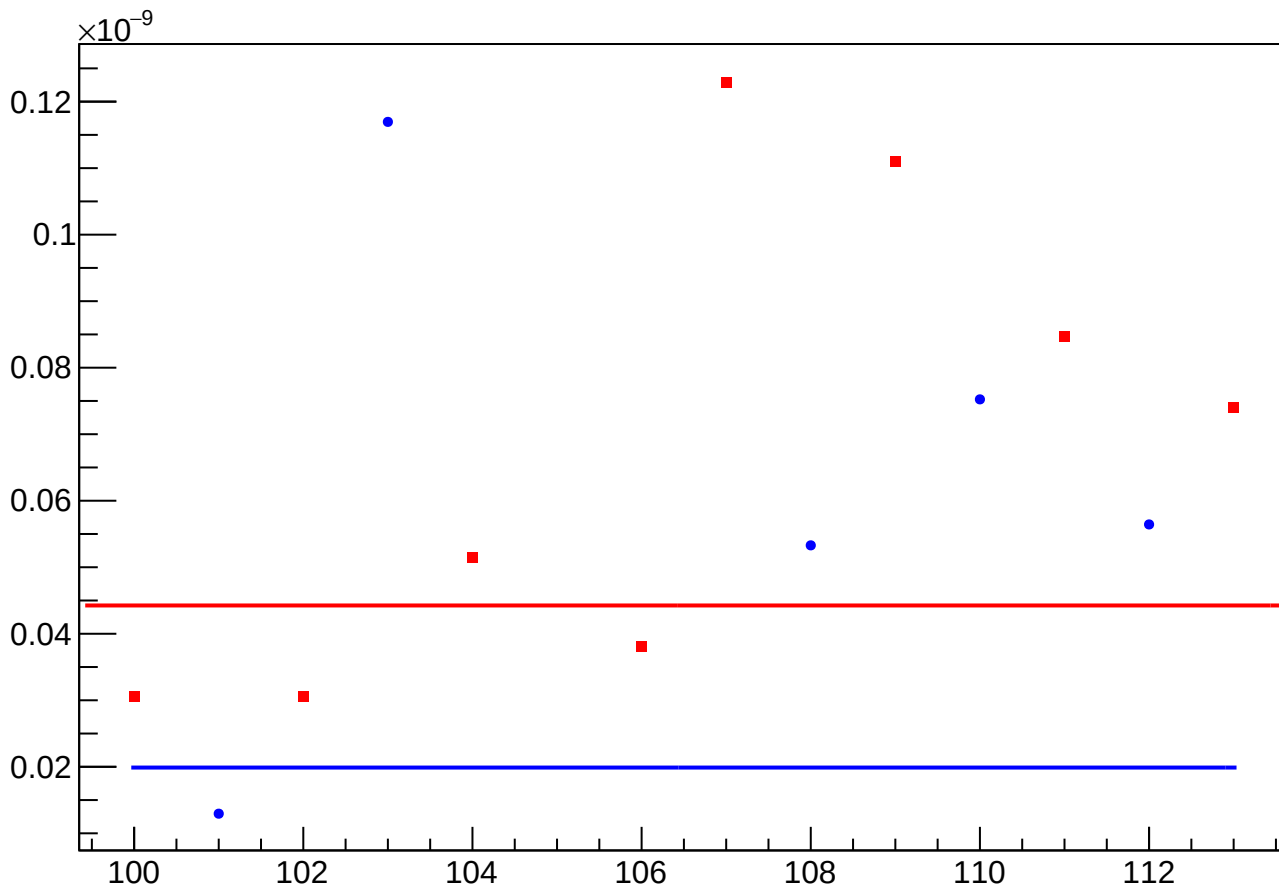
Right: -0.000+/-0.000 χ^2/NDF : 26.4/12

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 : 26.4/12

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 : 819614.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

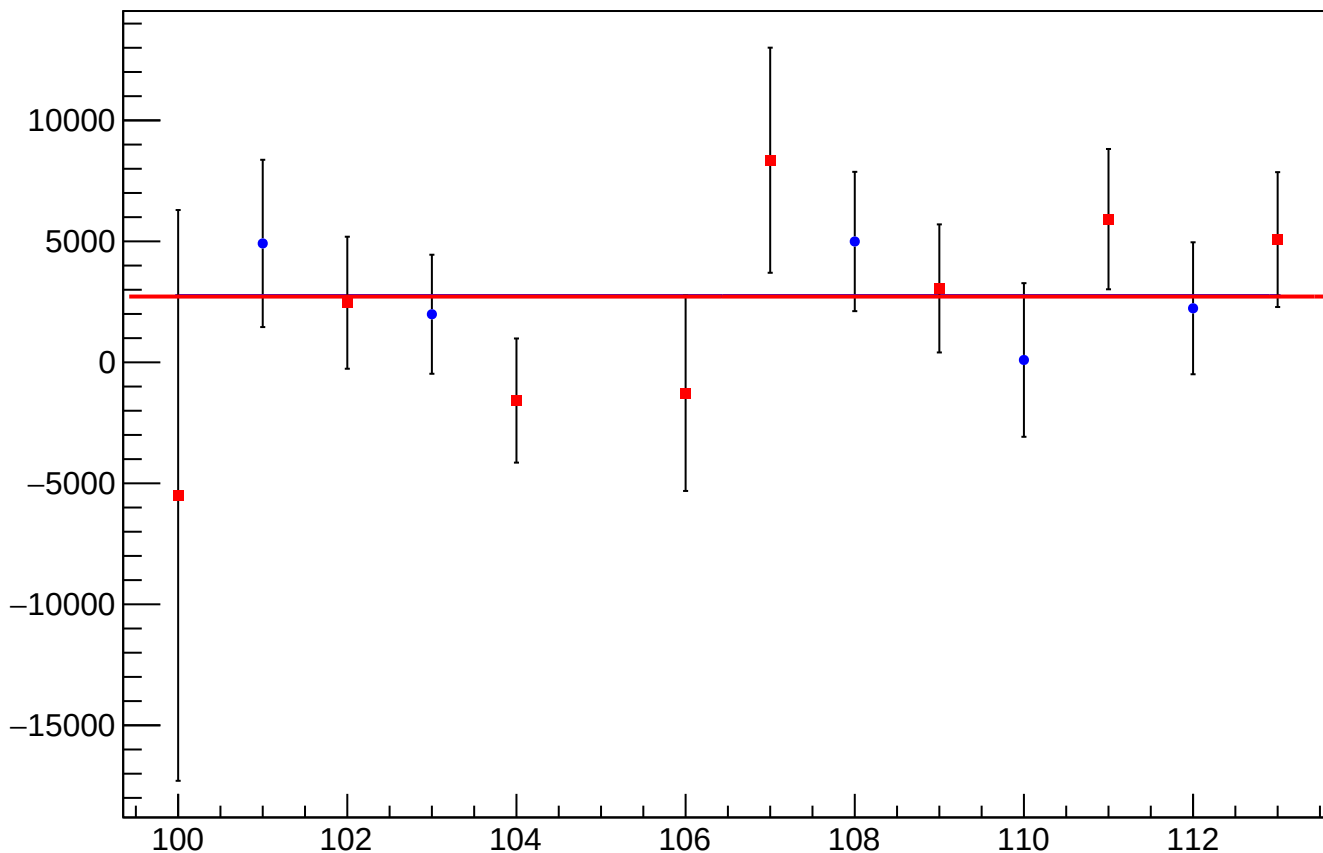
Right: 0.000+/-0.000 χ^2/NDF : 2935260.0/12

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 : 2935260.0/12

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: 2719.453+/-1123.961 χ^2/NDF : 7.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

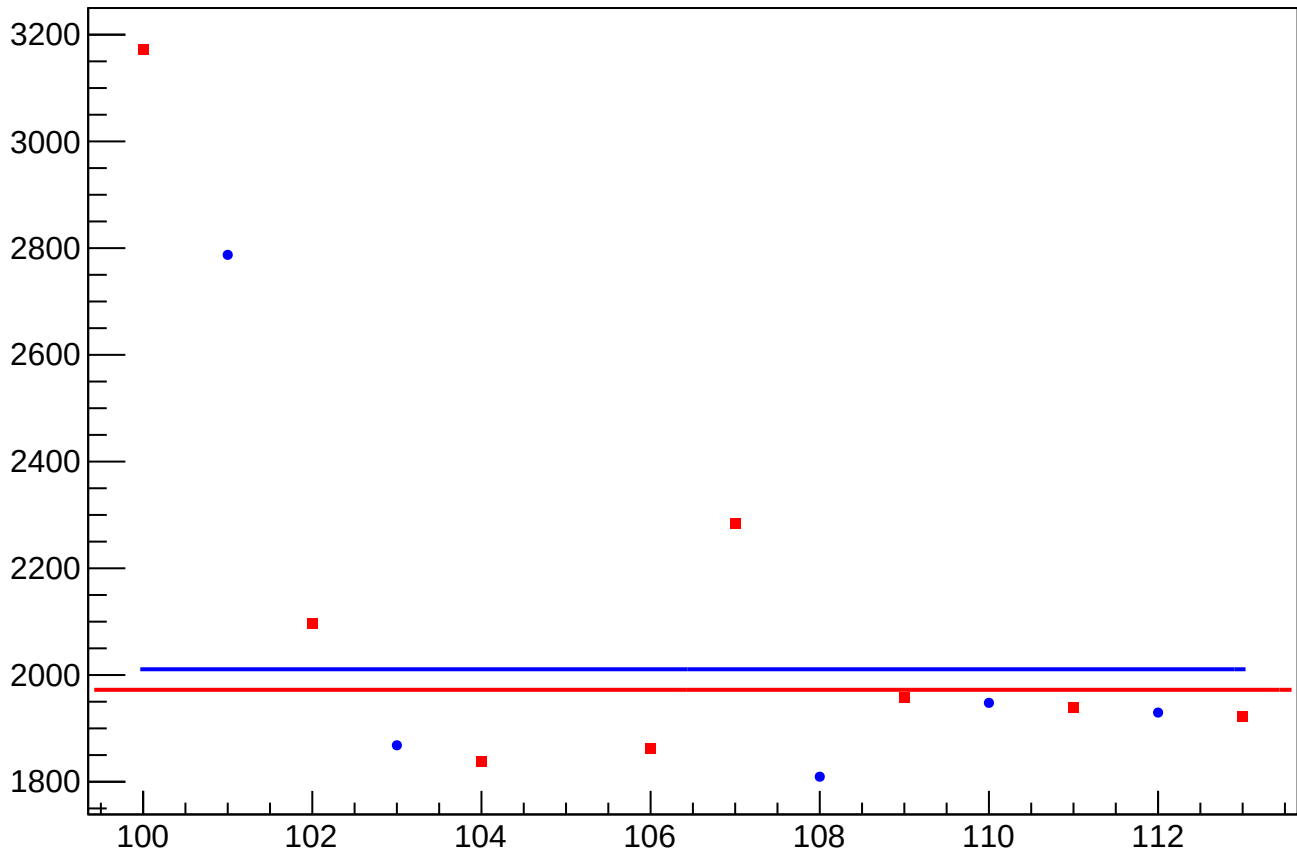
Right: 2728.080+/-846.699 χ^2/NDF : 9.5/12

In: 2739.399+/-1287.446 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2728.080+/-846.699 χ^2/NDF : 9.5/12

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: 1972.309+/-0.795 χ^2/NDF : 41747.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

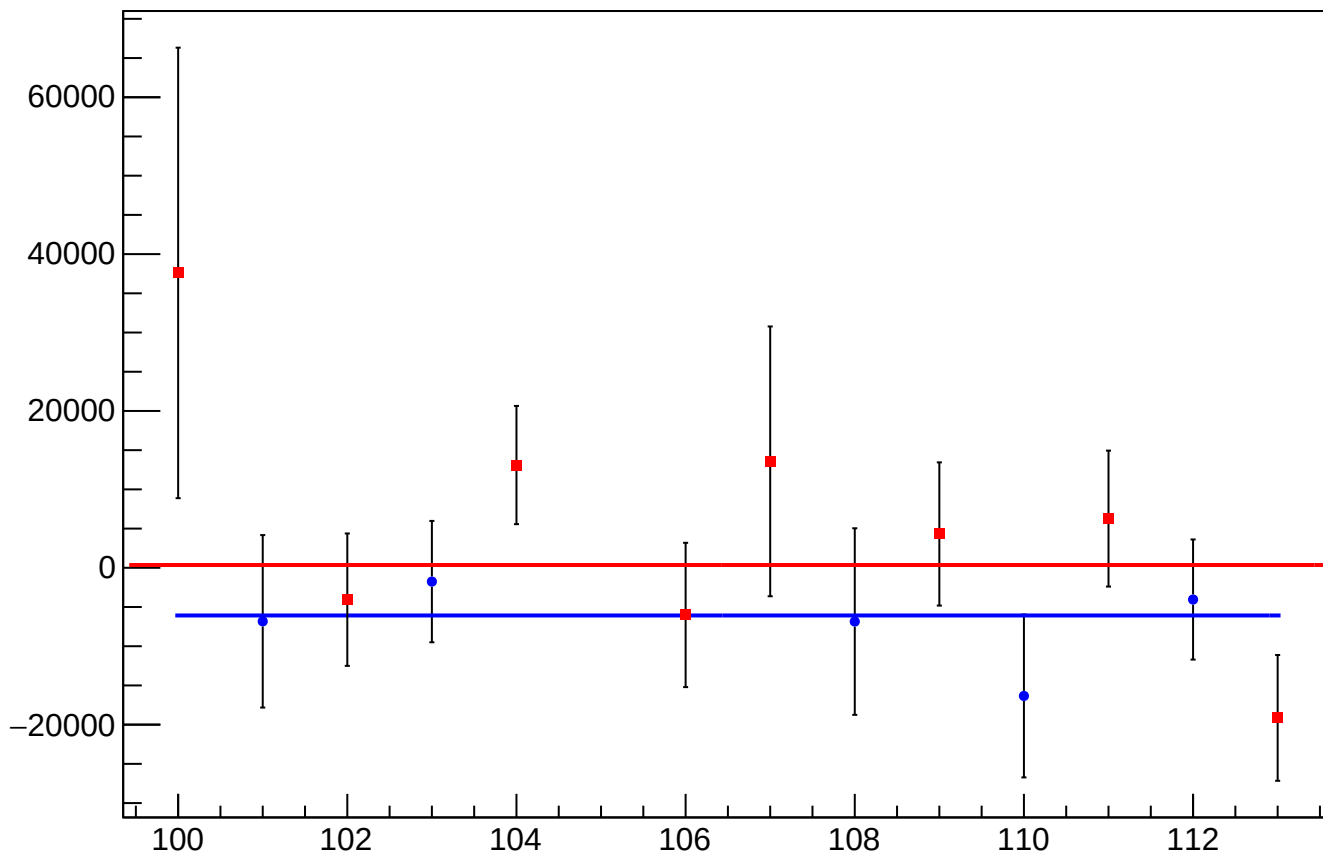
Right: 1988.949+/-0.599 χ^2/NDF : 162757.7/12

In: 2010.782+/-0.910 χ^2/NDF : 119996.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1988.949+/-0.599 χ^2/NDF : 162757.7/12

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: 355.959+/-3354.343 χ^2/NDF : 12.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

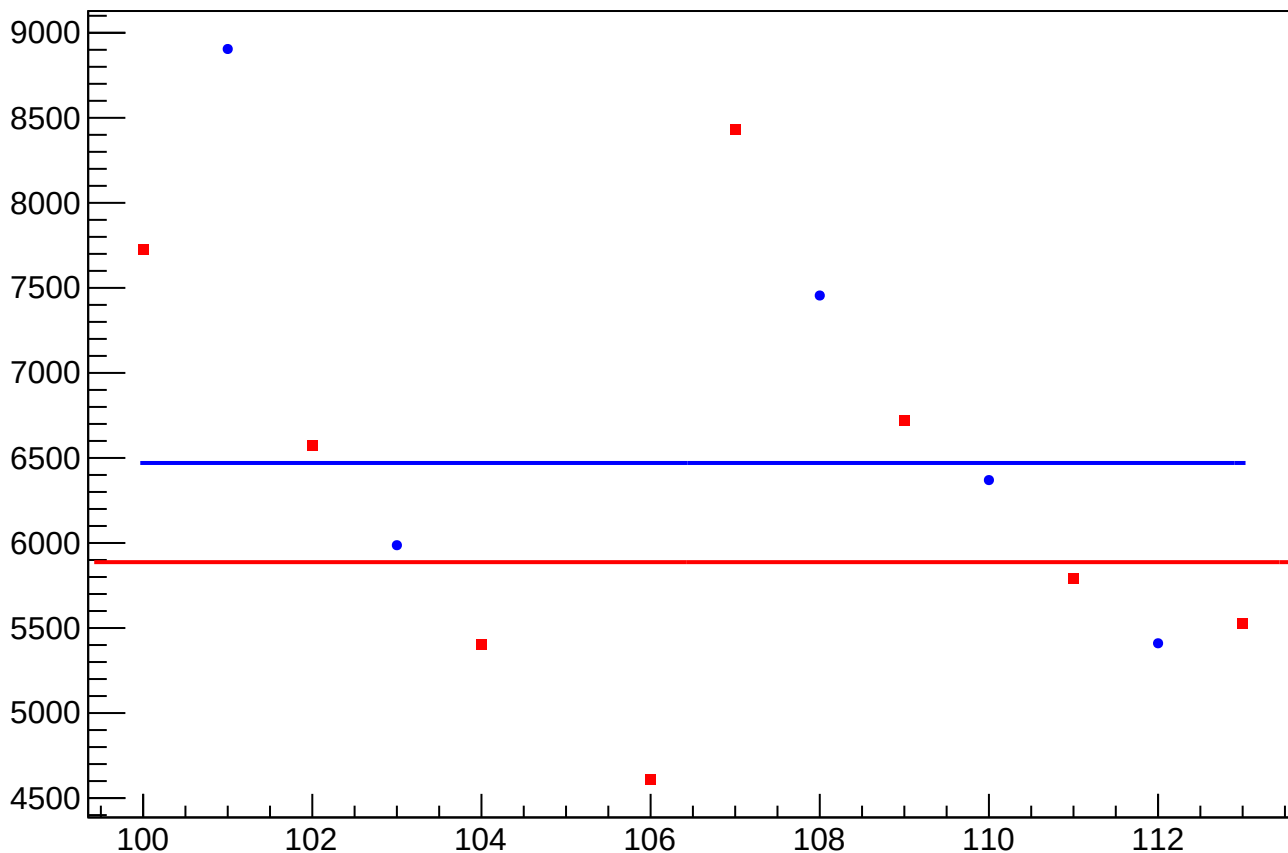
Right: -2194.192+/-2606.099 χ^2/NDF : 15.3/12

In: -6077.716+/-4139.401 χ^2/NDF : 1.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2194.192+/-2606.099 χ^2/NDF : 15.3/12

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: 5887.320+/-2.372 χ^2/NDF : 133131.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

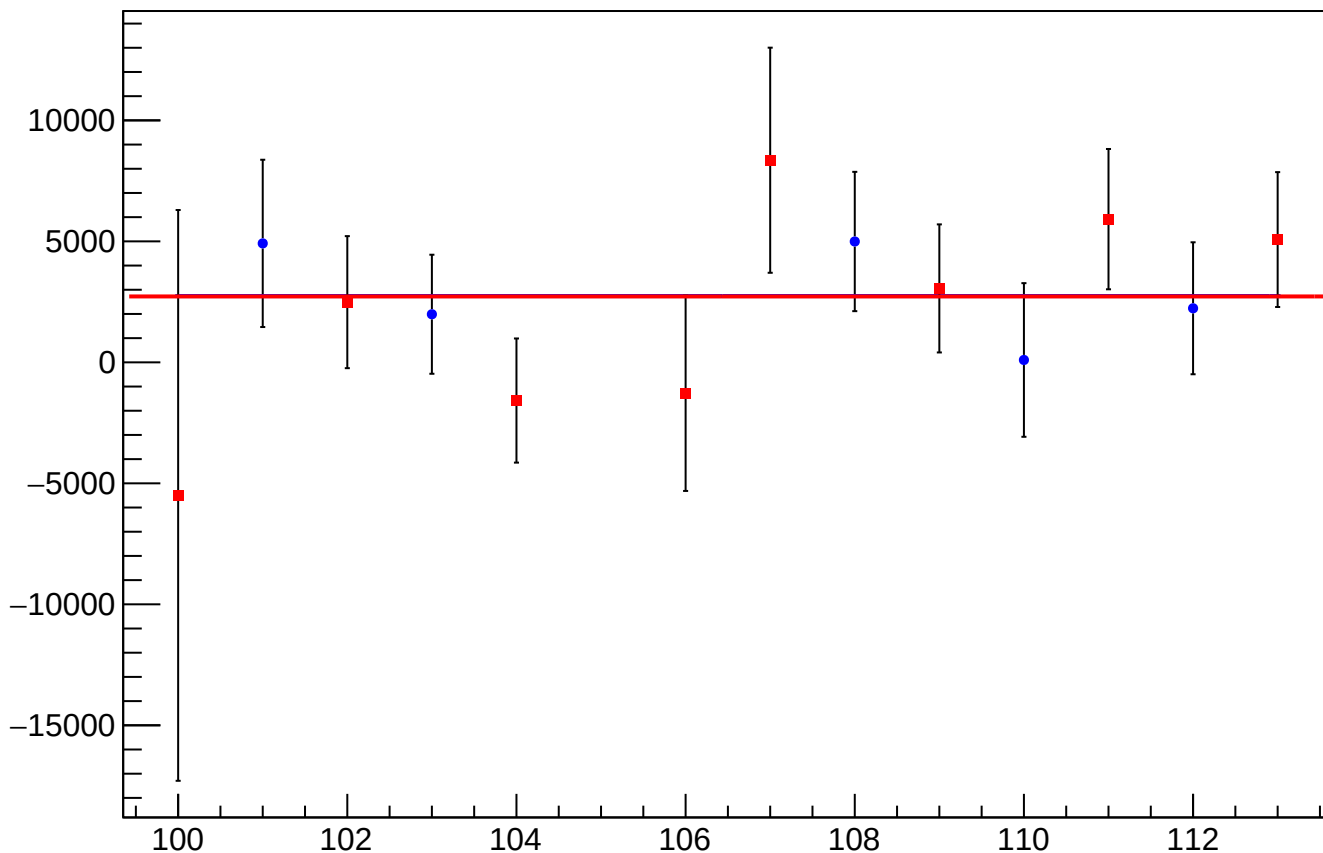
Right: 6118.476+/-1.843 χ^2/NDF : 315152.9/12

In: 6470.495+/-2.927 χ^2/NDF : 158059.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6118.476+/-1.843 χ^2/NDF : 315152.9/12

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: 2723.593+/-1123.986 χ^2 /NDF: 7.7/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

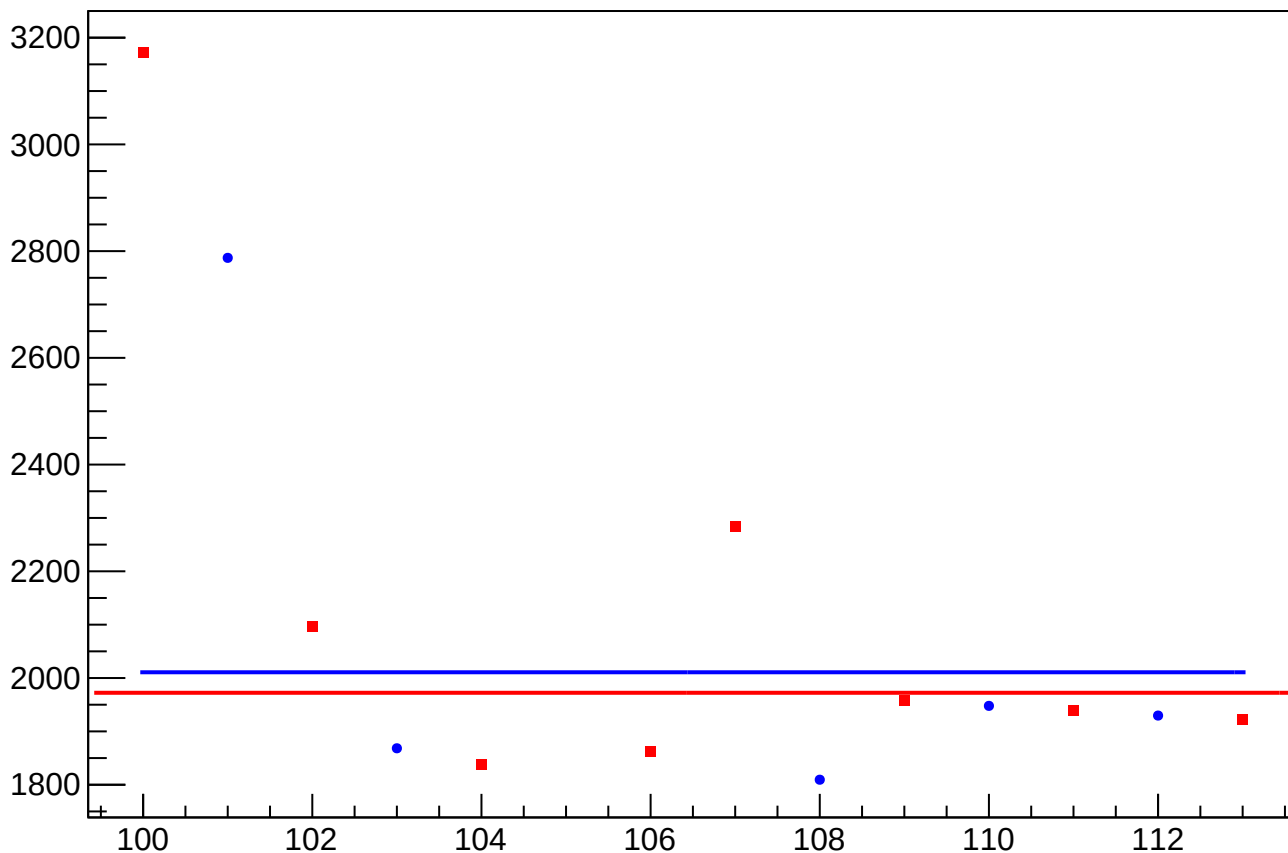
Right: 2730.522+/-846.710 χ^2 /NDF: 9.5/12

In: 2739.613+/-1287.446 χ^2 /NDF:1.8/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2730.522+/-846.710 χ^2 /NDF: 9.5/12

cor_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2010.782 $\pm$ 0.910 χ^2/NDF : 119996.2/4

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

Right Out: 1972.354 $\pm$ 0.795 χ^2/NDF : 41766.5/7

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

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

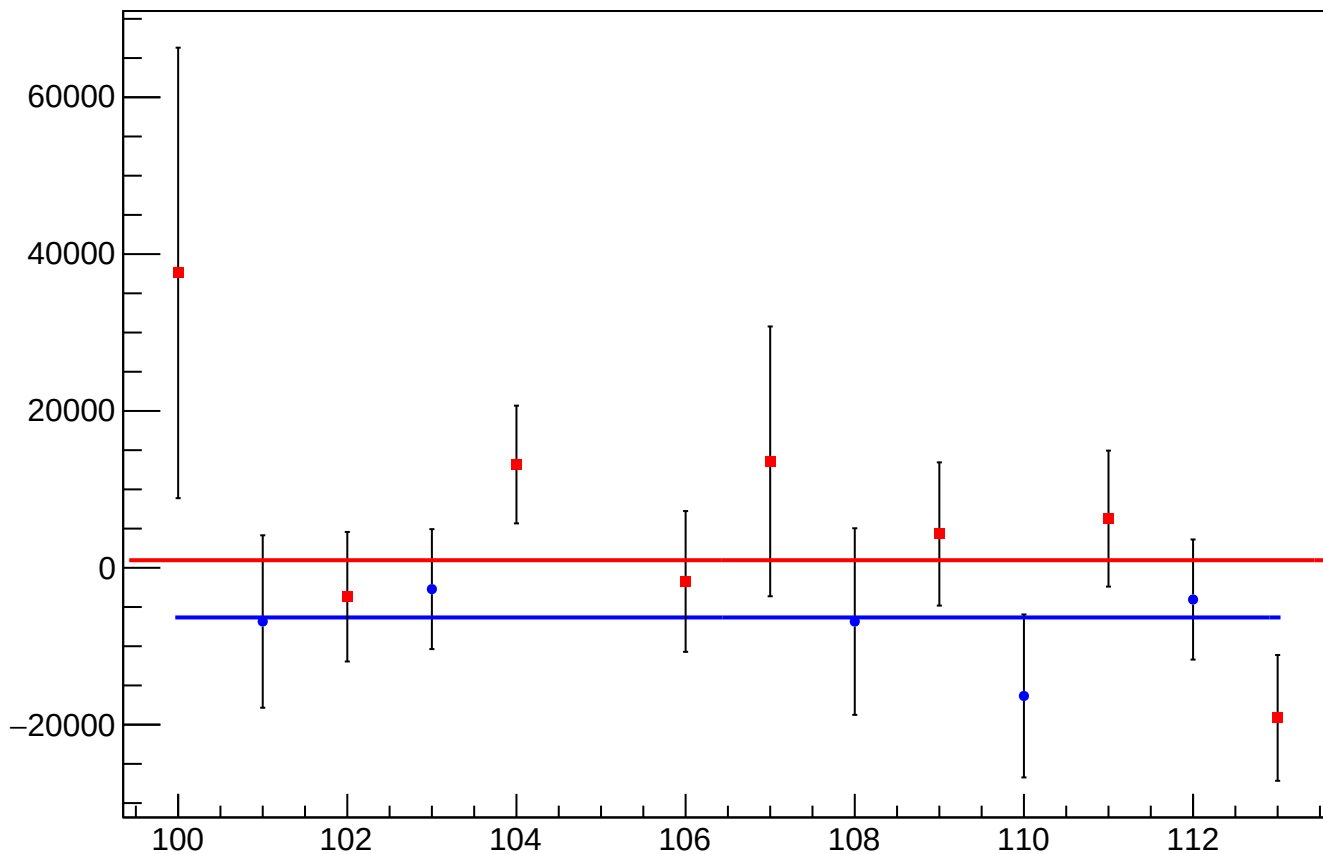
Right: 1988.975 $\pm$ 0.599 χ^2/NDF : 162773.9/12

In: 2010.782 $\pm$ 0.910 χ^2/NDF : 119996.2/4

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

All: 1988.975 $\pm$ 0.599 χ^2/NDF : 162773.9/12

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: 968.157+/-3328.540 χ^2/NDF : 12.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

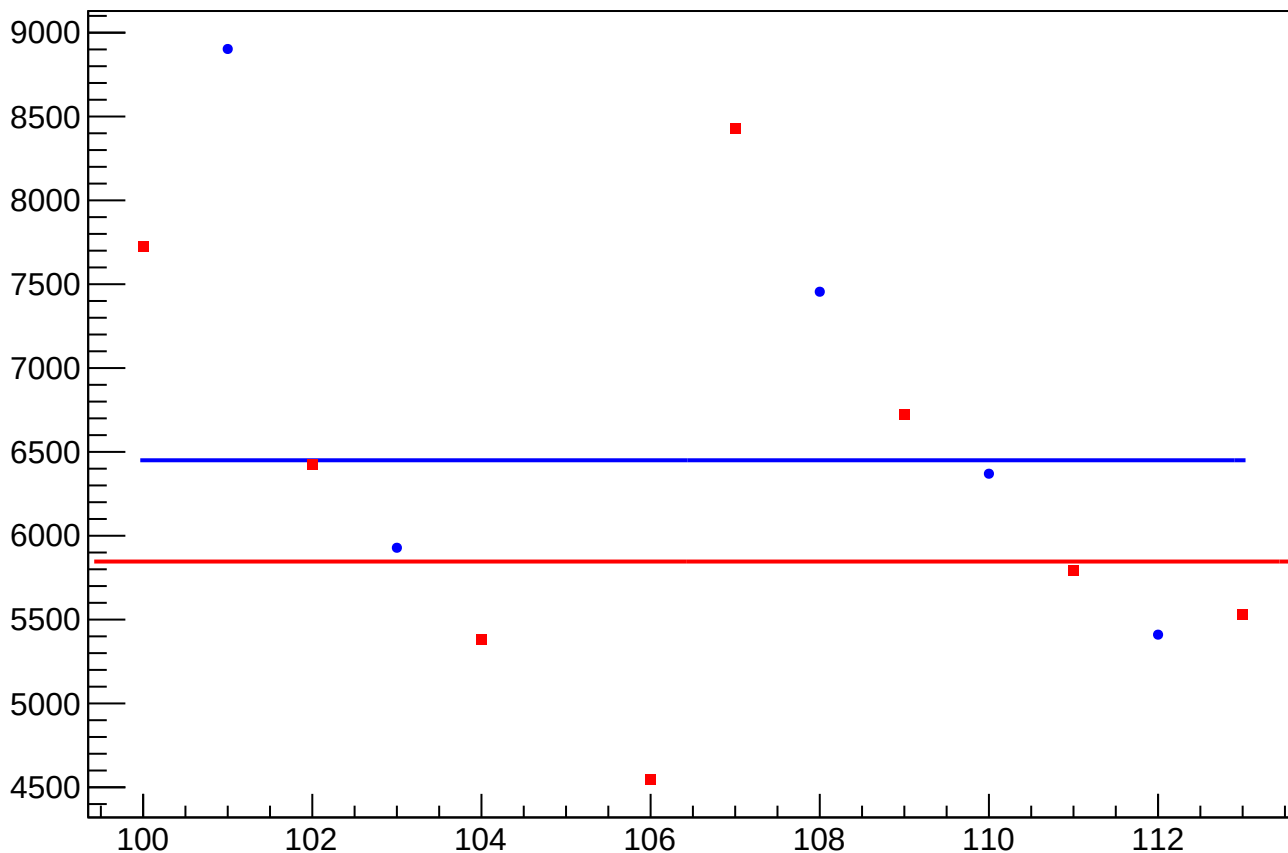
Right: -1909.869+/-2590.476 χ^2/NDF : 15.1/12

In: -6330.761+/-4125.355 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1909.869+/-2590.476 χ^2/NDF : 15.1/12

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: 5846.216+/-2.354 χ^2/NDF : 134954.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

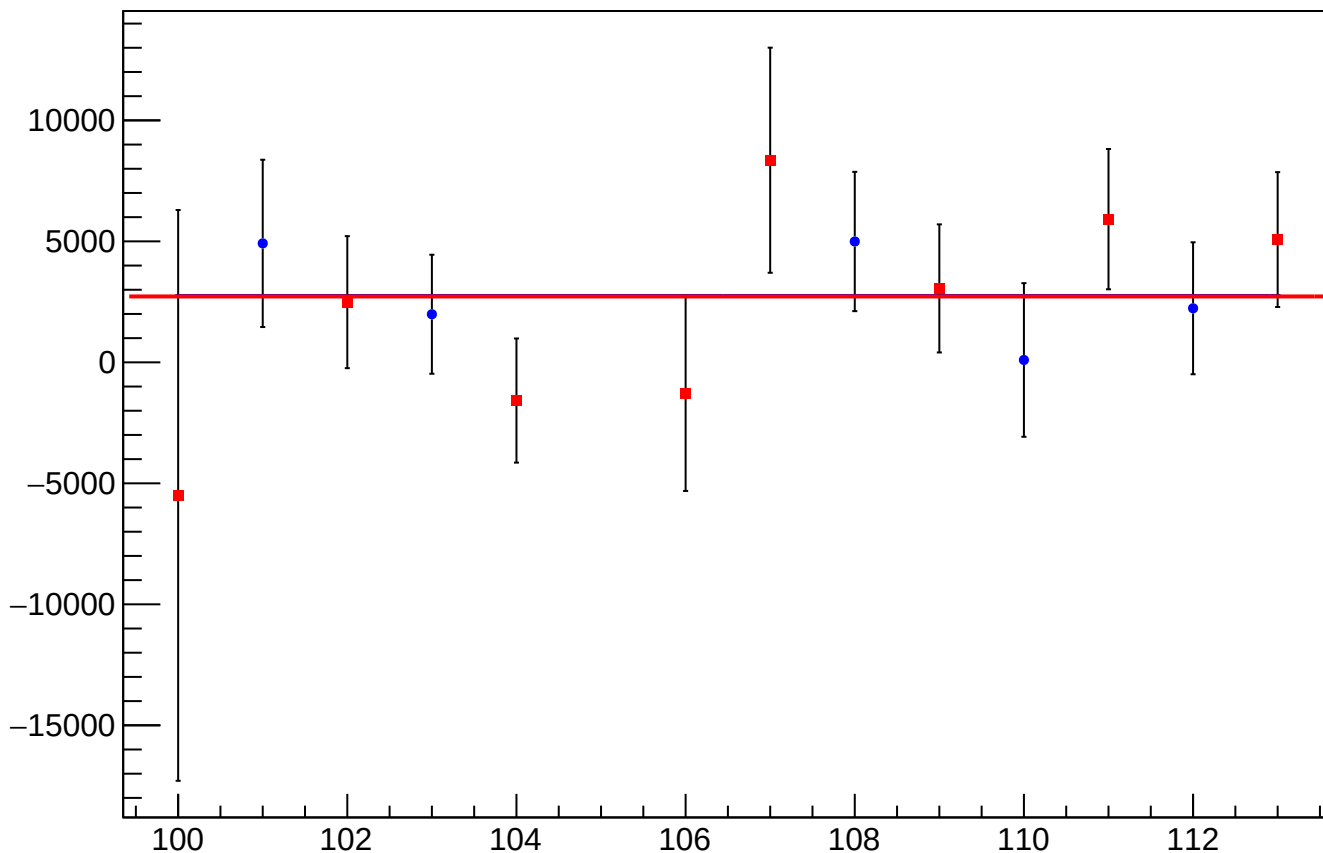
Right: 6084.326+/-1.832 χ^2/NDF : 321042.5/12

In: 6450.084+/-2.917 χ^2/NDF : 160131.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6084.326+/-1.832 χ^2/NDF : 321042.5/12

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: 2723.593+/-1123.986 χ^2 /NDF: 7.7/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

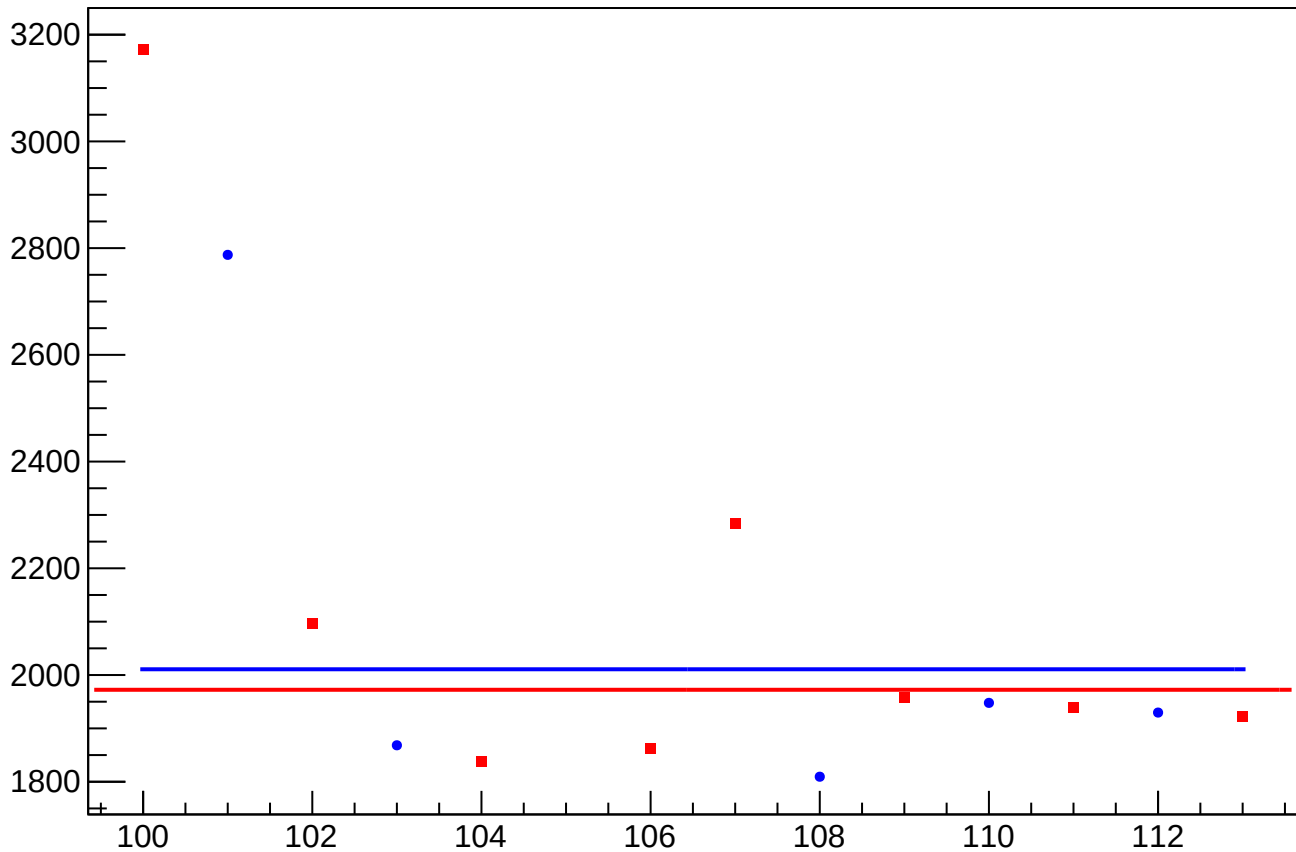
Right: 2730.522+/-846.710 χ^2 /NDF: 9.5/12

In: 2739.613+/-1287.446 χ^2 /NDF:1.8/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2730.522+/-846.710 χ^2 /NDF: 9.5/12

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: 1972.354+/-0.795 χ^2/NDF : 41766.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

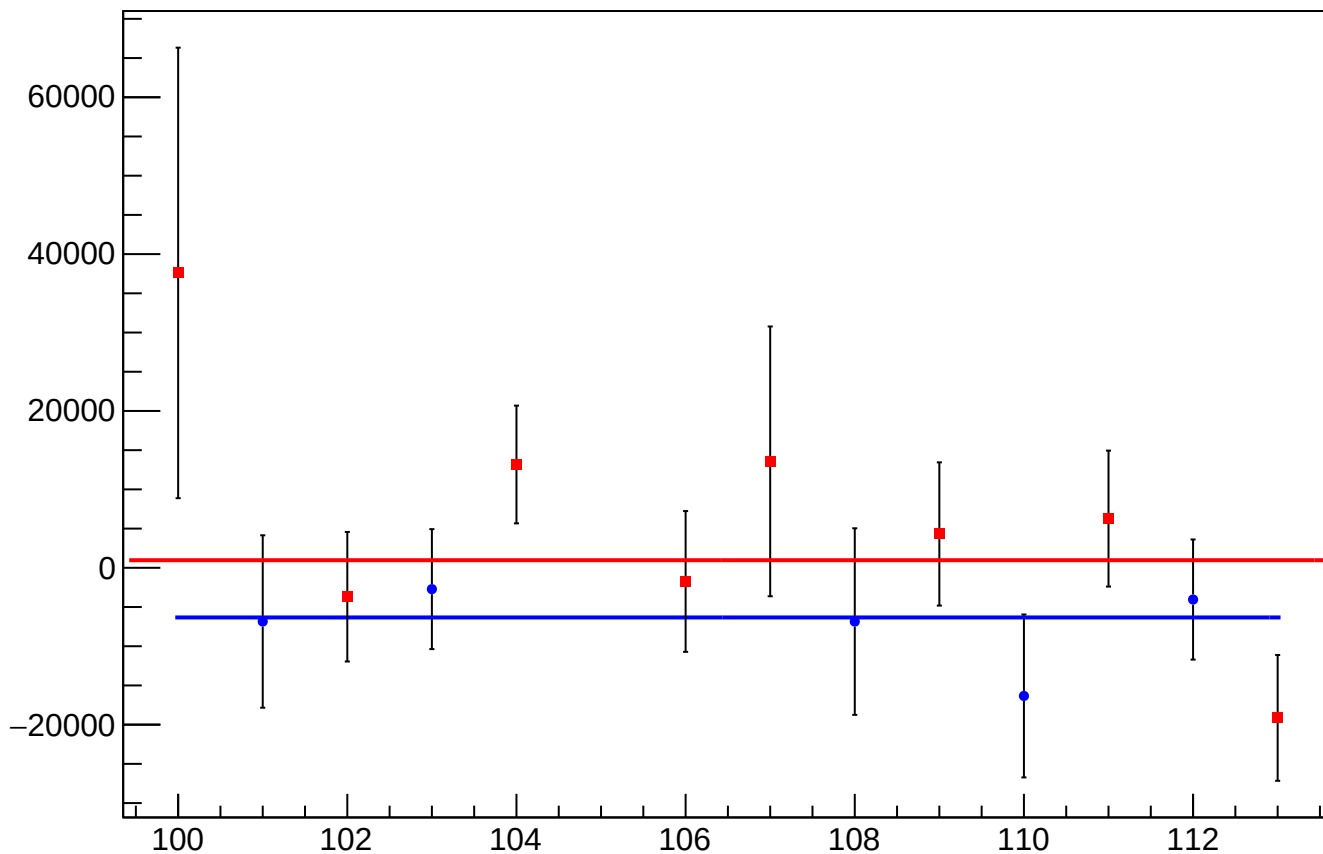
Right: 1988.975+/-0.599 χ^2/NDF : 162773.9/12

In: 2010.782+/-0.910 χ^2/NDF : 119996.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1988.975+/-0.599 χ^2/NDF : 162773.9/12

asym_atl2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -6330.761+/-4125.355 $\chi^2/NDF: 1.2/4$

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

Right Out: 968.157+/-3328.540 $\chi^2/NDF: 12.0/7$

Left In: 0.000+/-0.000 $\chi^2/NDF: 0.0/0$

Left: 0.000+/-0.000 $\chi^2/NDF: 0.0/0$

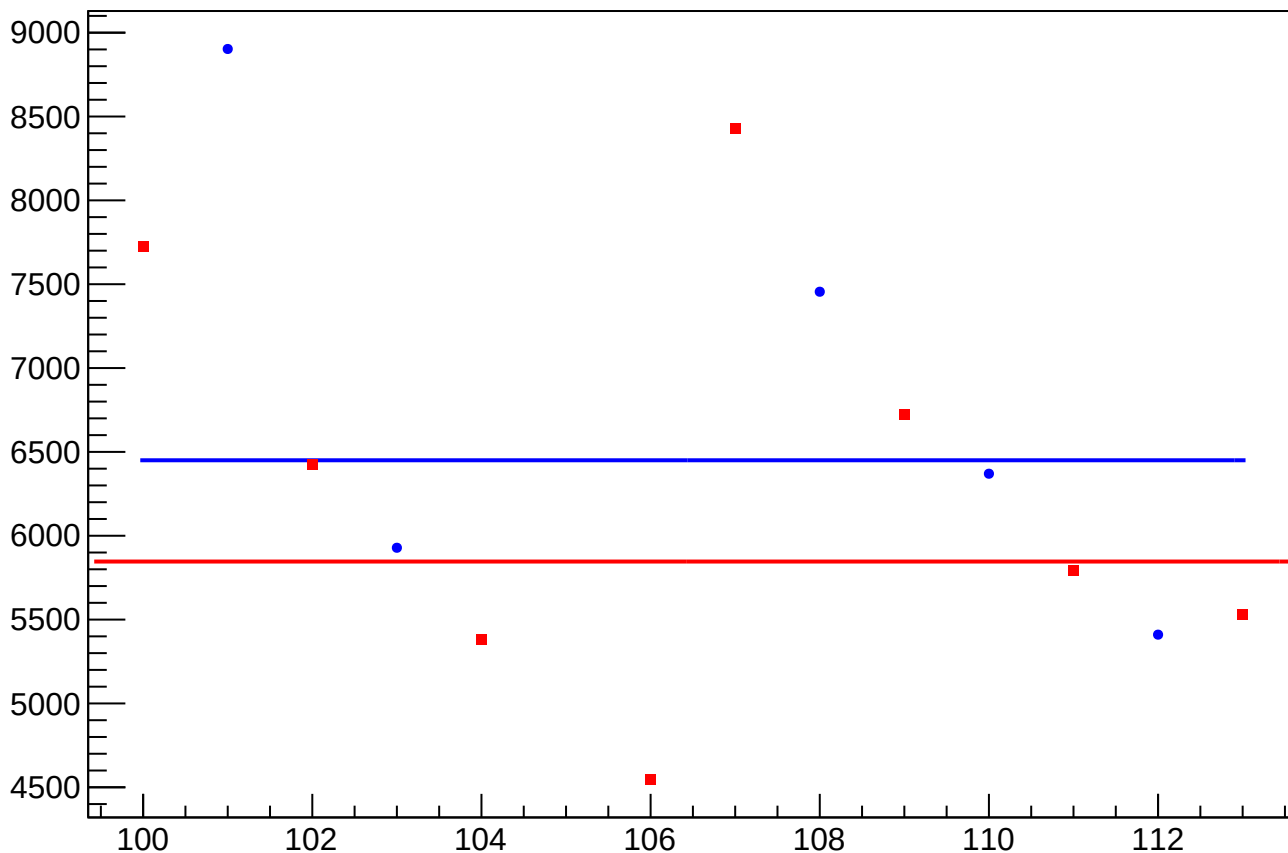
Right: -1909.869+/-2590.476 $\chi^2/NDF: 15.1/12$

In: -6330.761+/-4125.355 $\chi^2/NDF: 1.2/4$

Out: 0.000+/-0.000 $\chi^2/NDF: 0.0/0$

All: -1909.869+/-2590.476 $\chi^2/NDF: 15.1/12$

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: 5846.216+/-2.354 χ^2/NDF : 134954.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

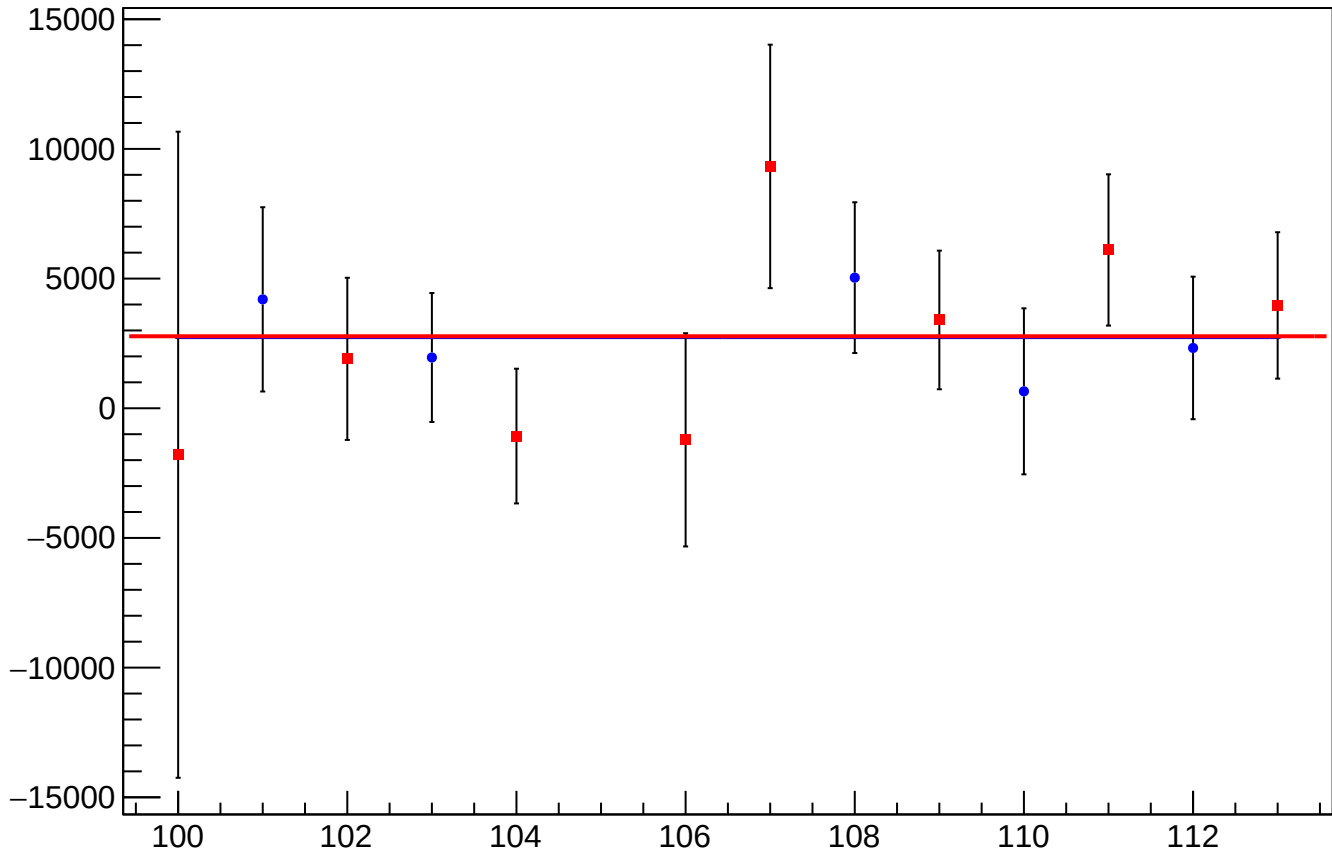
Right: 6084.326+/-1.832 χ^2/NDF : 321042.5/12

In: 6450.084+/-2.917 χ^2/NDF : 160131.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6084.326+/-1.832 χ^2/NDF : 321042.5/12

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: 2776.105+/-1158.758 χ^2 /NDF: 6.8/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

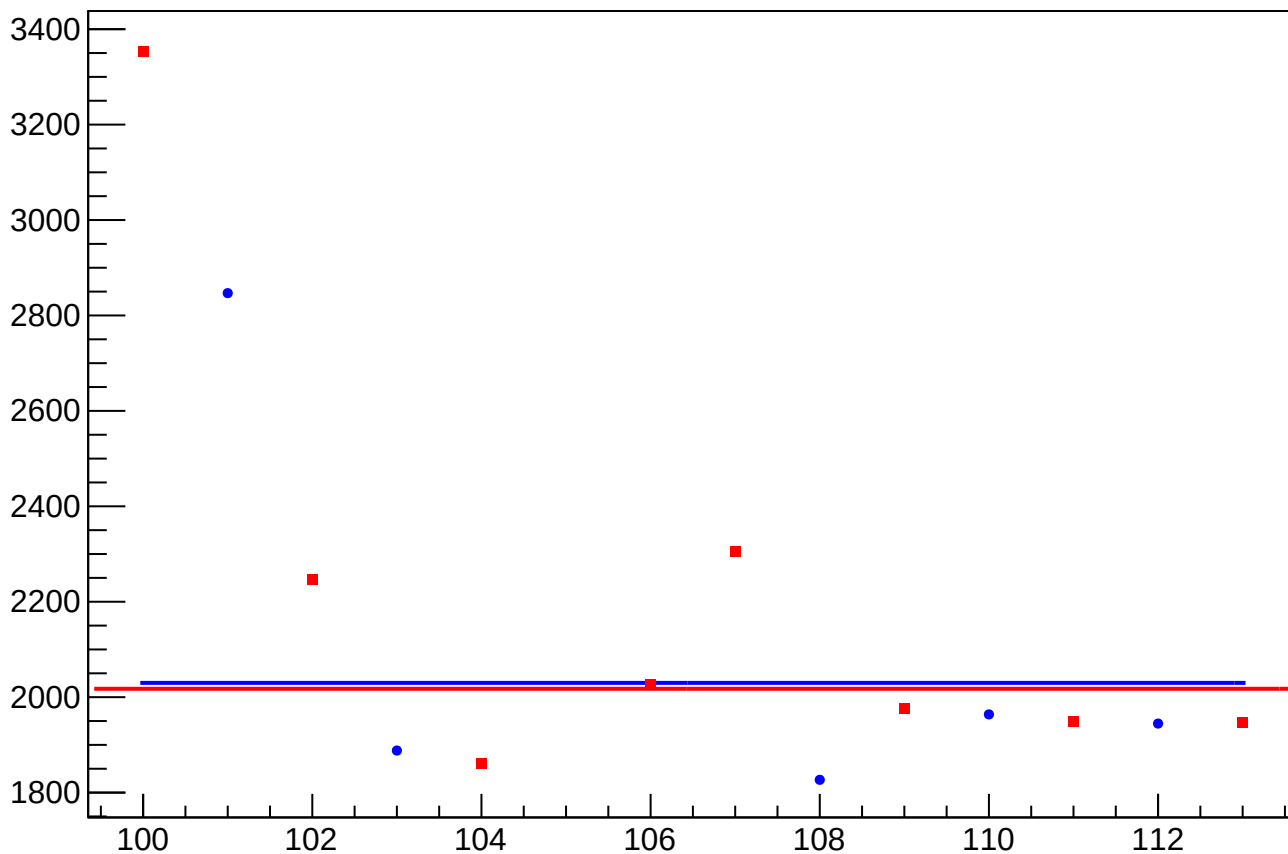
Right: 2761.830+/-865.732 χ^2 /NDF: 8.2/12

In: 2743.794+/-1302.462 χ^2 /NDF:1.3/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2761.830+/-865.732 χ^2 /NDF: 8.2/12

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: 2017.566+/-0.817 χ^2/NDF : 51354.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

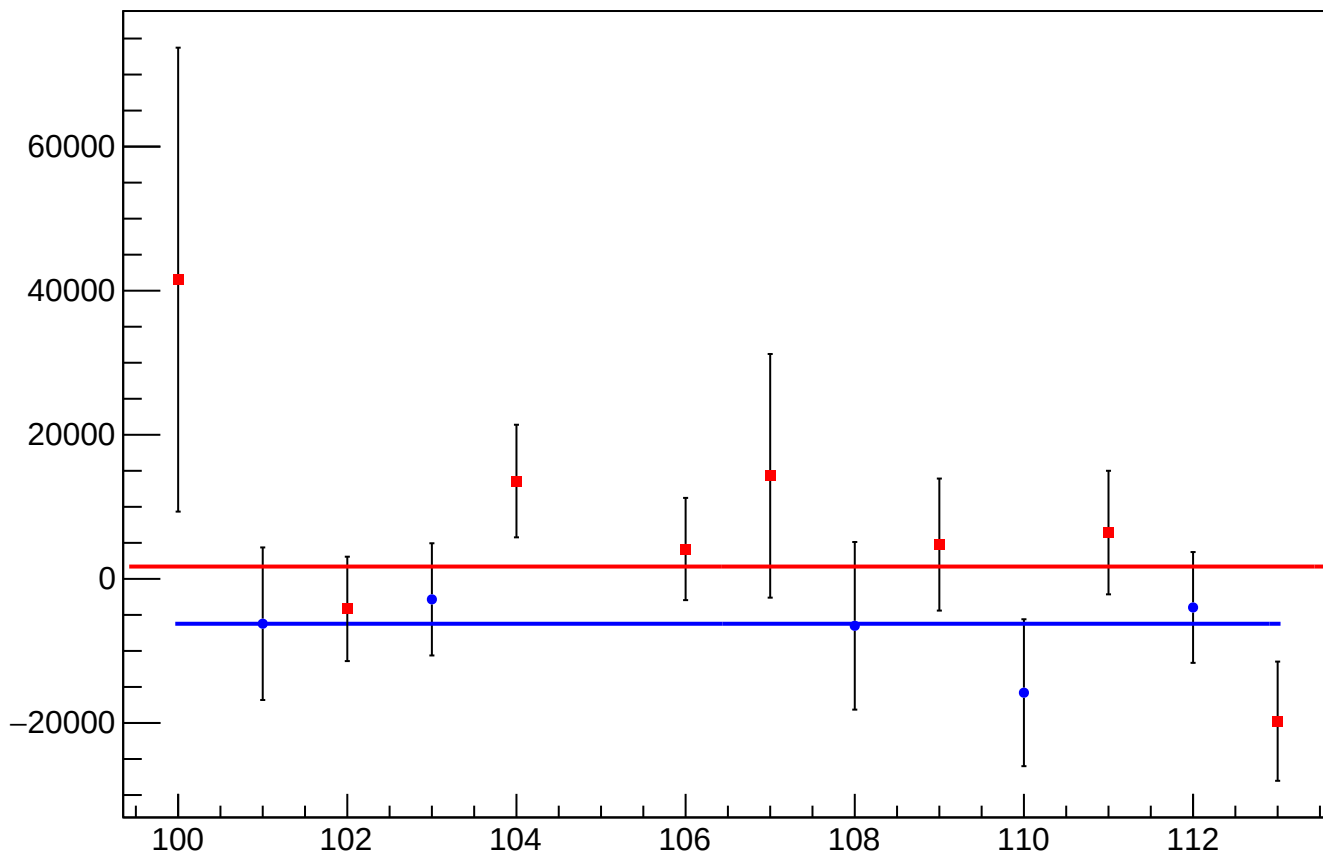
Right: 2023.011+/-0.611 χ^2/NDF : 176271.7/12

In: 2029.937+/-0.921 χ^2/NDF : 124816.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2023.011+/-0.611 χ^2/NDF : 176271.7/12

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: 1712.020+/-3164.142 χ^2/NDF : 12.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

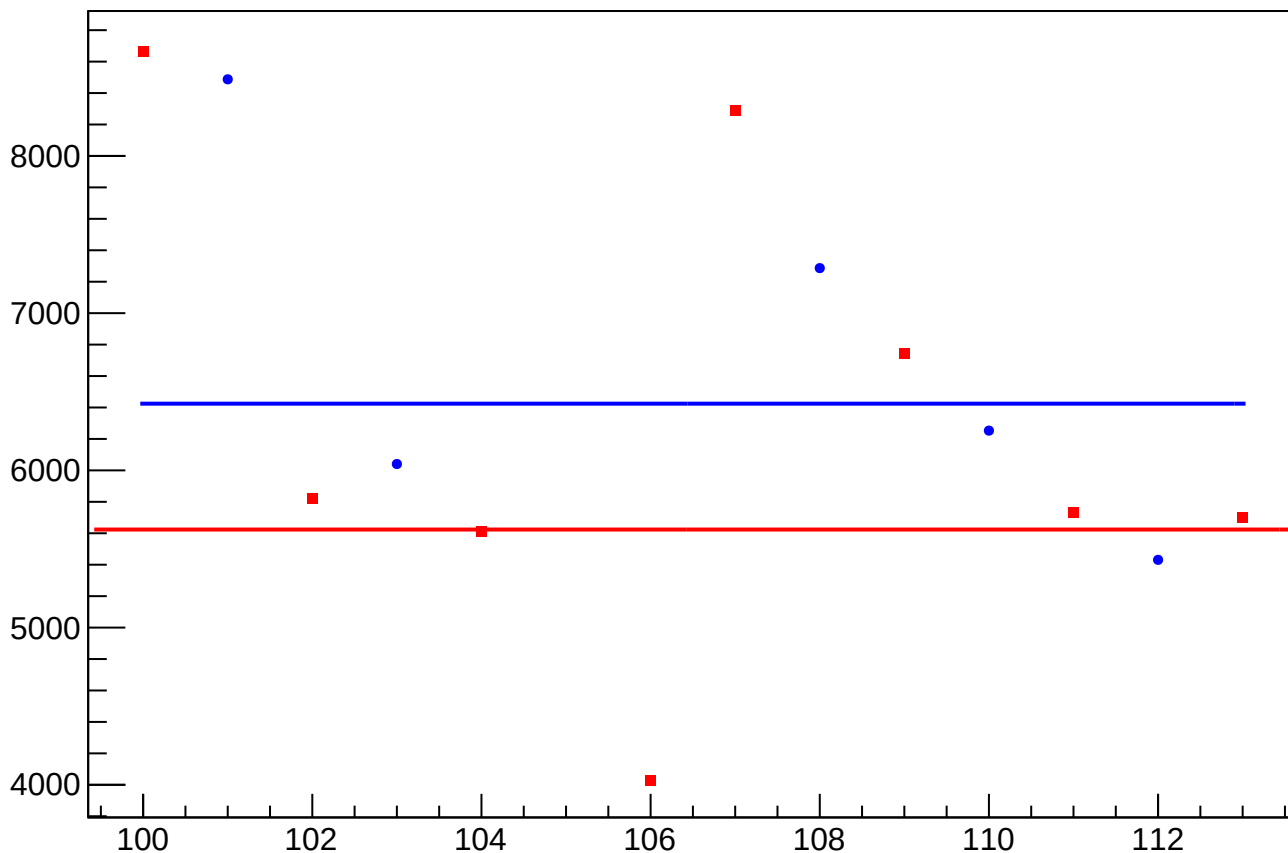
Right: -1247.047+/-2506.173 χ^2/NDF : 15.8/12

In: -6228.594+/-4105.450 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1247.047+/-2506.173 χ^2/NDF : 15.8/12

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: 5623.690+/-2.237 χ^2/NDF : 200292.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

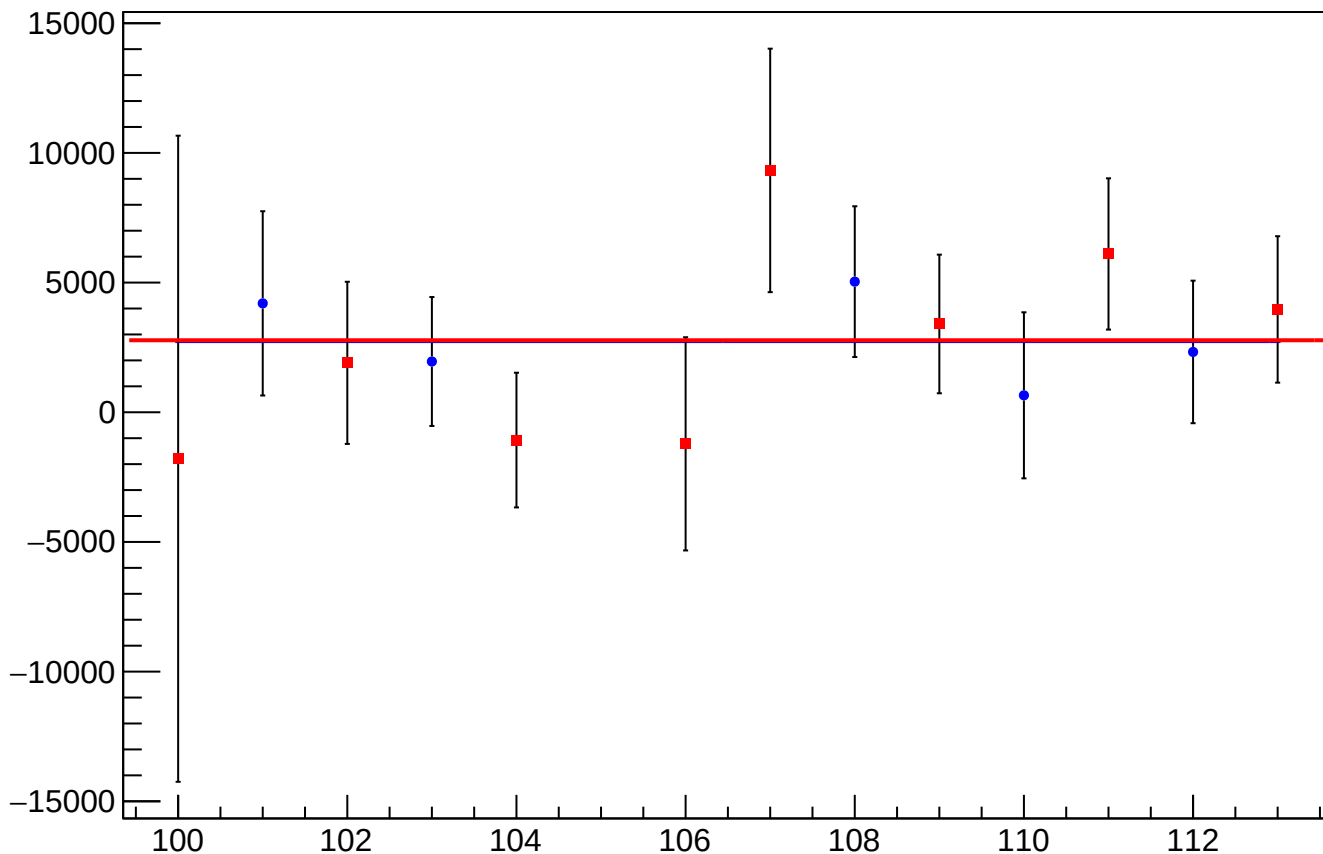
Right: 5922.044+/-1.772 χ^2/NDF : 373749.4/12

In: 6424.319+/-2.903 χ^2/NDF : 125738.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5922.044+/-1.772 χ^2/NDF : 373749.4/12

eigen_dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2743.812+/-1302.462 χ^2/NDF : 1.3/4

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

Right Out: 2776.120+/-1158.758 χ^2/NDF : 6.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

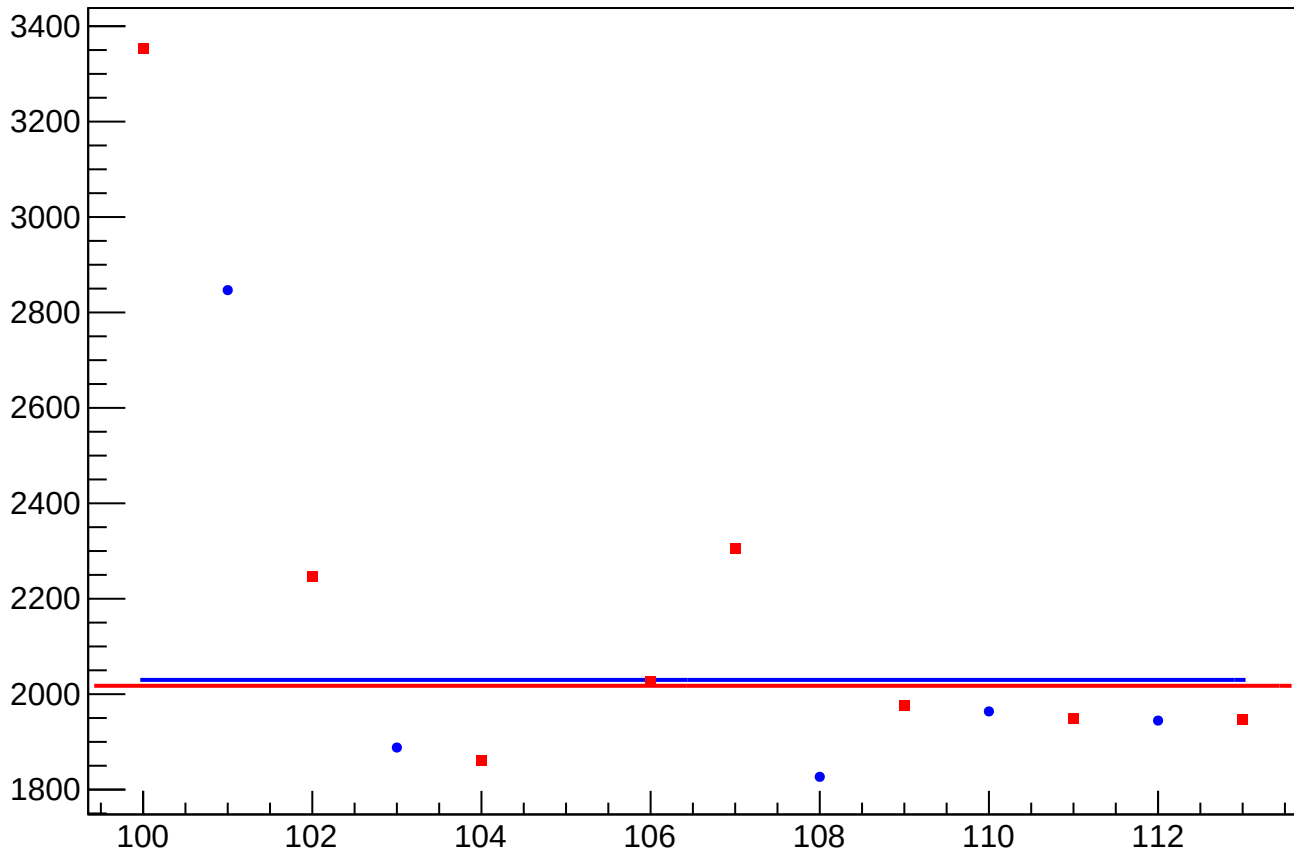
Right: 2761.846+/-865.732 χ^2/NDF : 8.2/12

In: 2743.812+/-1302.462 χ^2/NDF : 1.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2761.846+/-865.732 χ^2/NDF : 8.2/12

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: 2017.566+/-0.817 χ^2/NDF : 51354.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

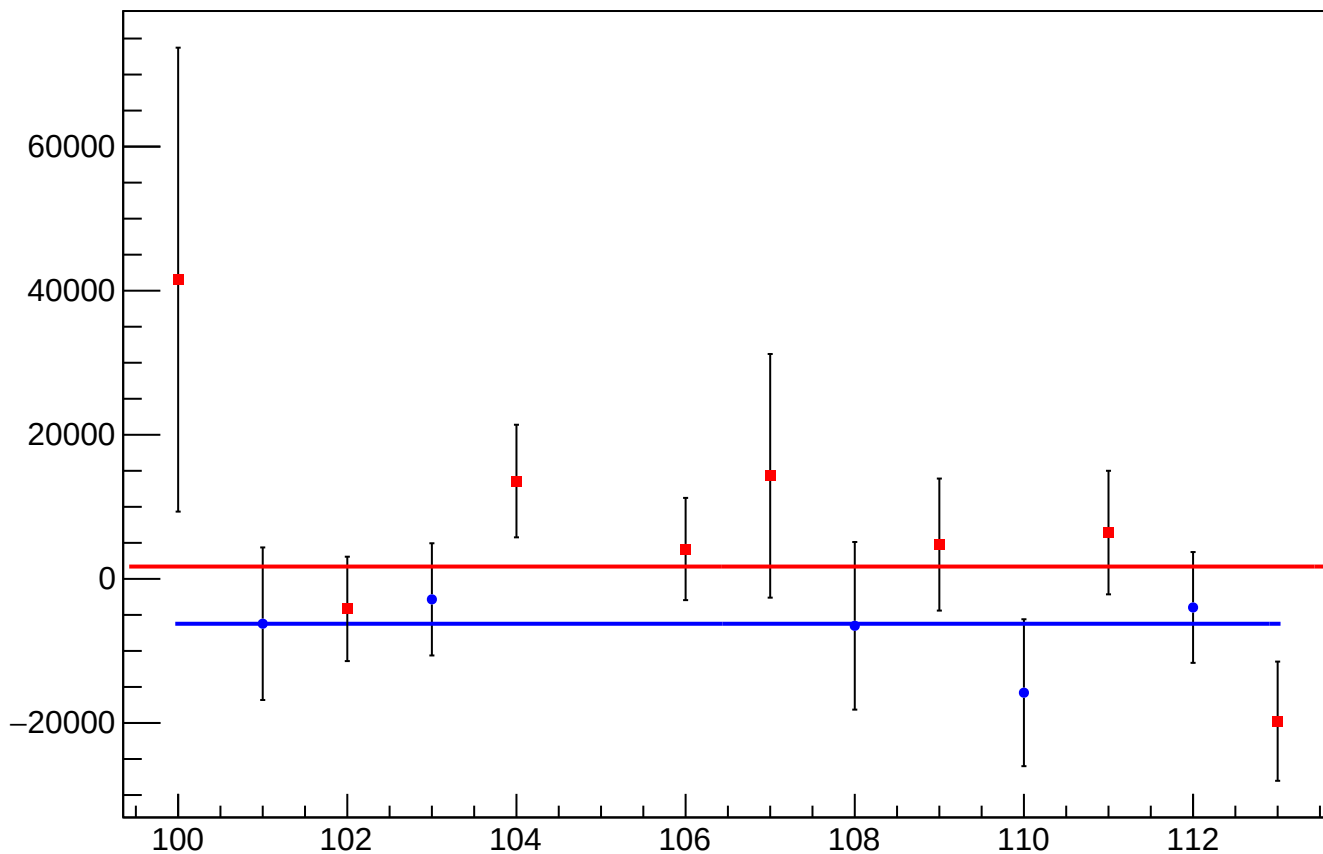
Right: 2023.011+/-0.611 χ^2/NDF : 176271.3/12

In: 2029.938+/-0.921 χ^2/NDF : 124815.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2023.011+/-0.611 χ^2/NDF : 176271.3/12

asym_atl2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -6228.582 $\pm$ 4105.441 χ^2 /NDF: 1.2/4

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

Right Out: 1712.022 $\pm$ 3164.136 χ^2 /NDF: 12.3/7

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

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

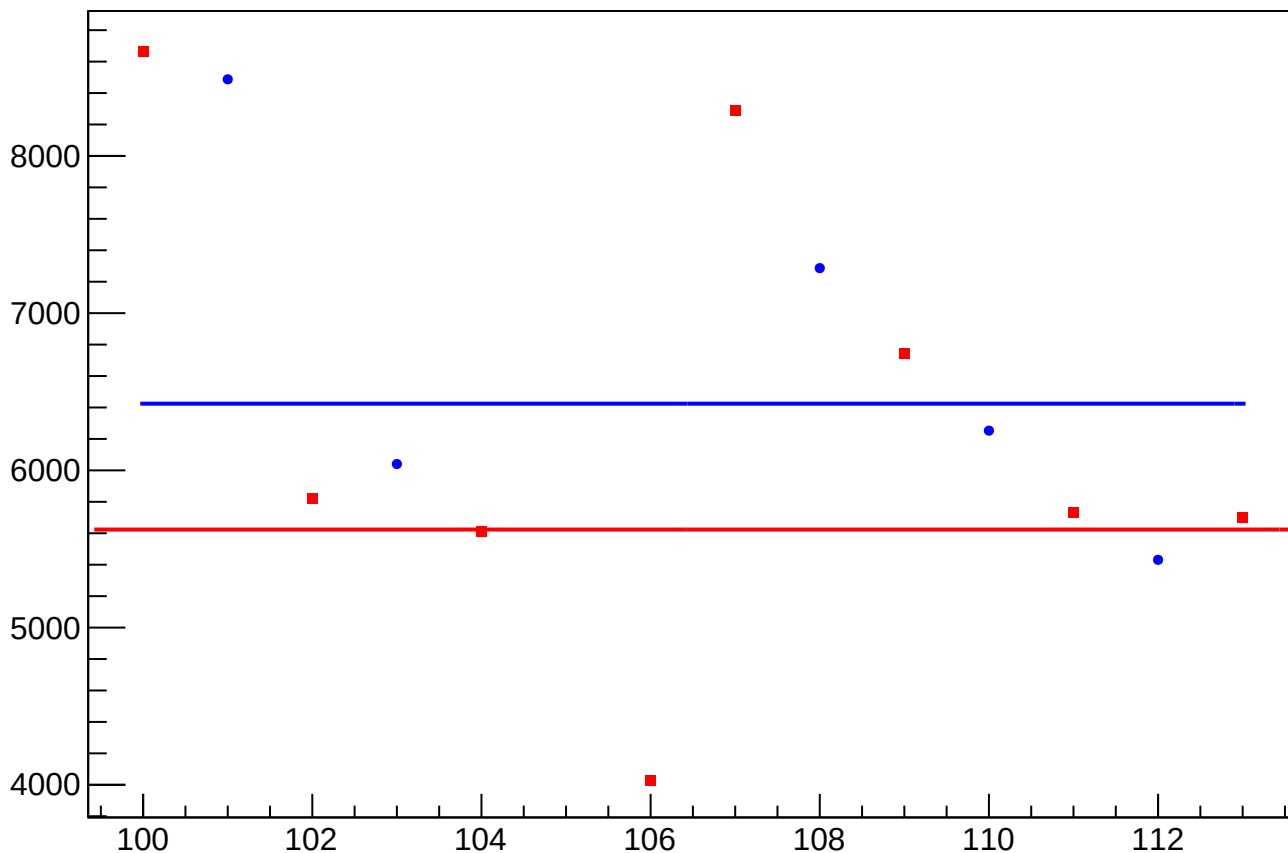
Right: -1247.042 $\pm$ 2506.168 χ^2 /NDF: 15.8/12

In: -6228.582 $\pm$ 4105.441 χ^2 /NDF:1.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1247.042 $\pm$ 2506.168 χ^2 /NDF: 15.8/12

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: 5623.678+/-2.237 χ^2/NDF : 200293.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

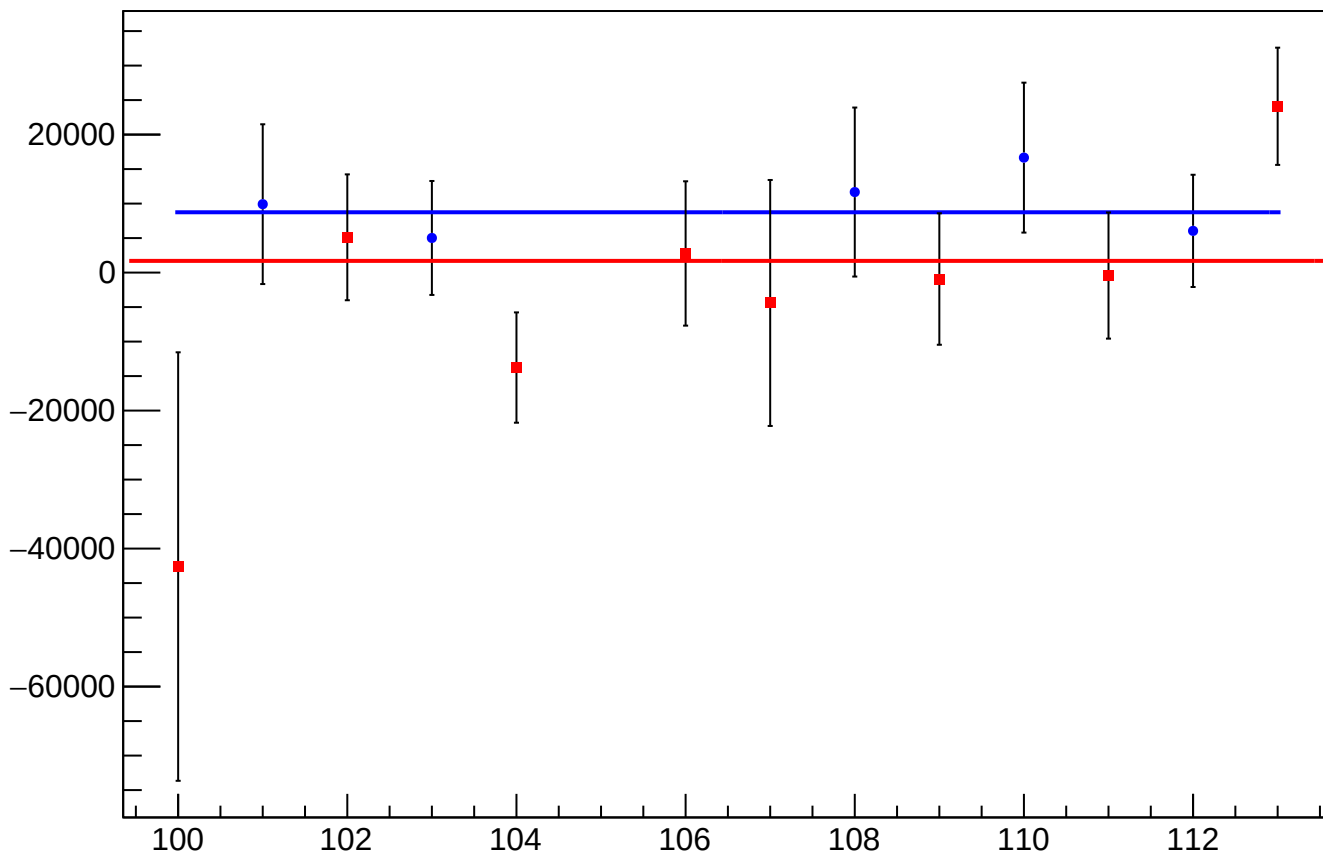
Right: 5922.032+/-1.772 χ^2/NDF : 373750.5/12

In: 6424.306+/-2.903 χ^2/NDF : 125738.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5922.032+/-1.772 χ^2/NDF : 373750.5/12

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: 1695.241+/-3584.482 χ^2/NDF : 13.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

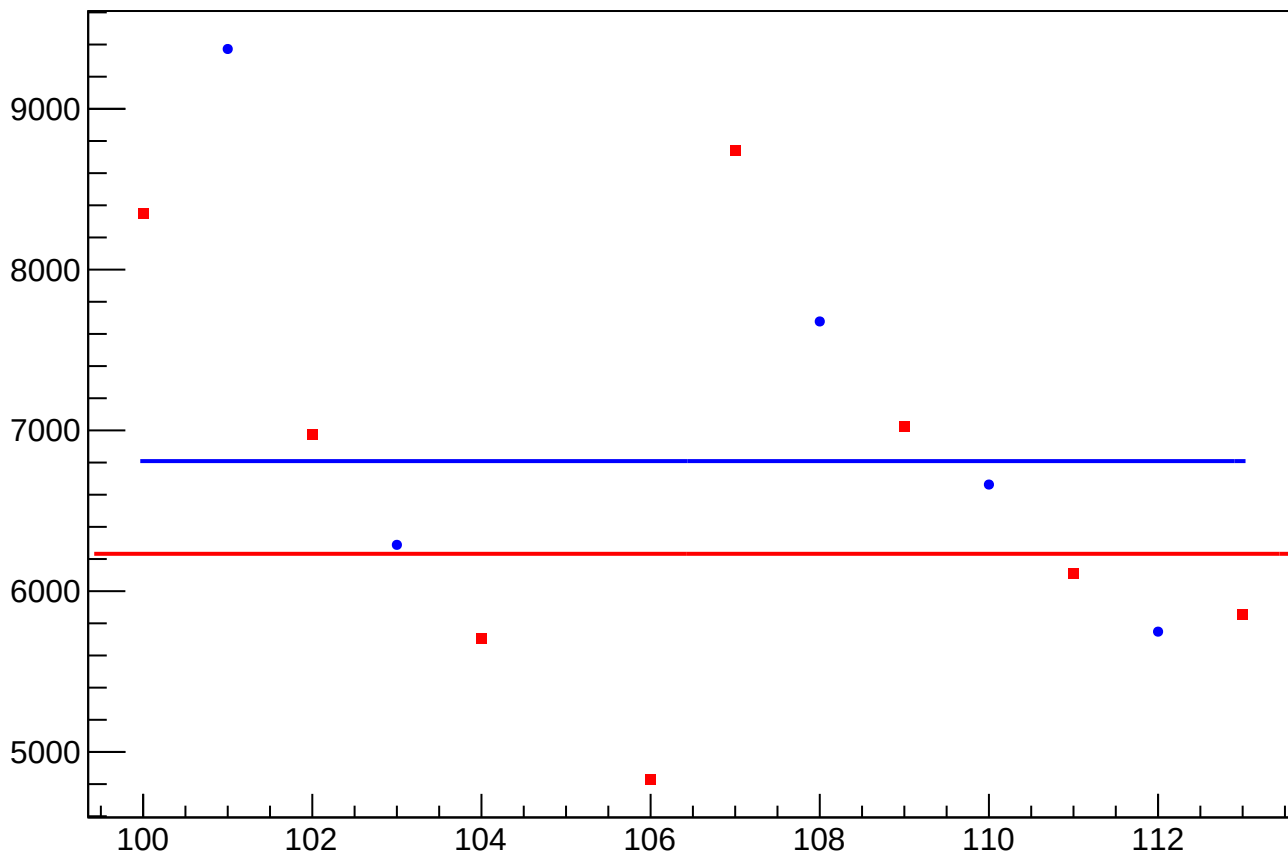
Right: 4529.783+/-2771.256 χ^2/NDF : 15.6/12

In: 8741.497+/-4369.326 χ^2/NDF : 0.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4529.783+/-2771.256 χ^2/NDF : 15.6/12

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: 6232.404+/-2.535 χ^2/NDF : 124922.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

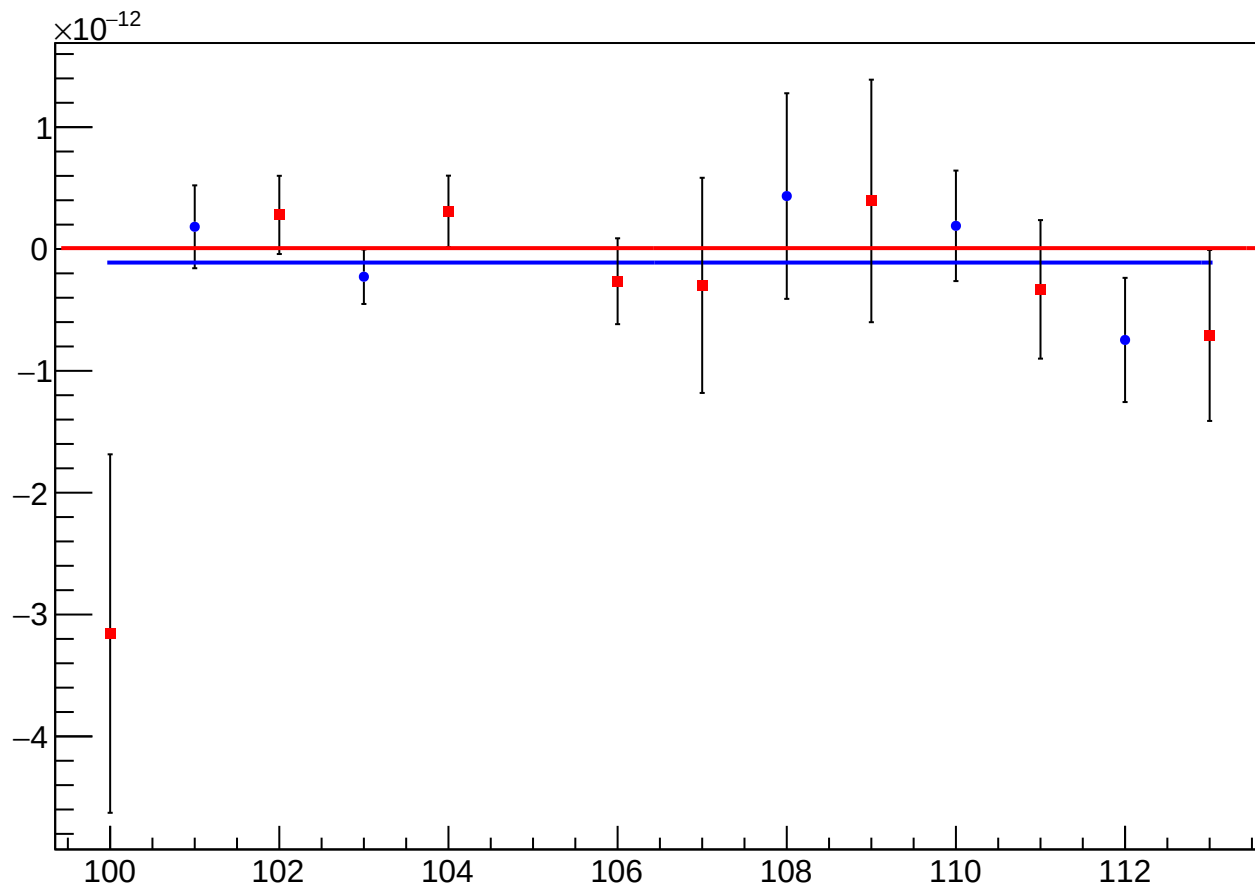
Right: 6464.374+/-1.960 χ^2/NDF : 296156.5/12

In: 6809.049+/-3.090 χ^2/NDF : 150412.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6464.374+/-1.960 χ^2/NDF : 296156.5/12

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 : 8.7/7

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

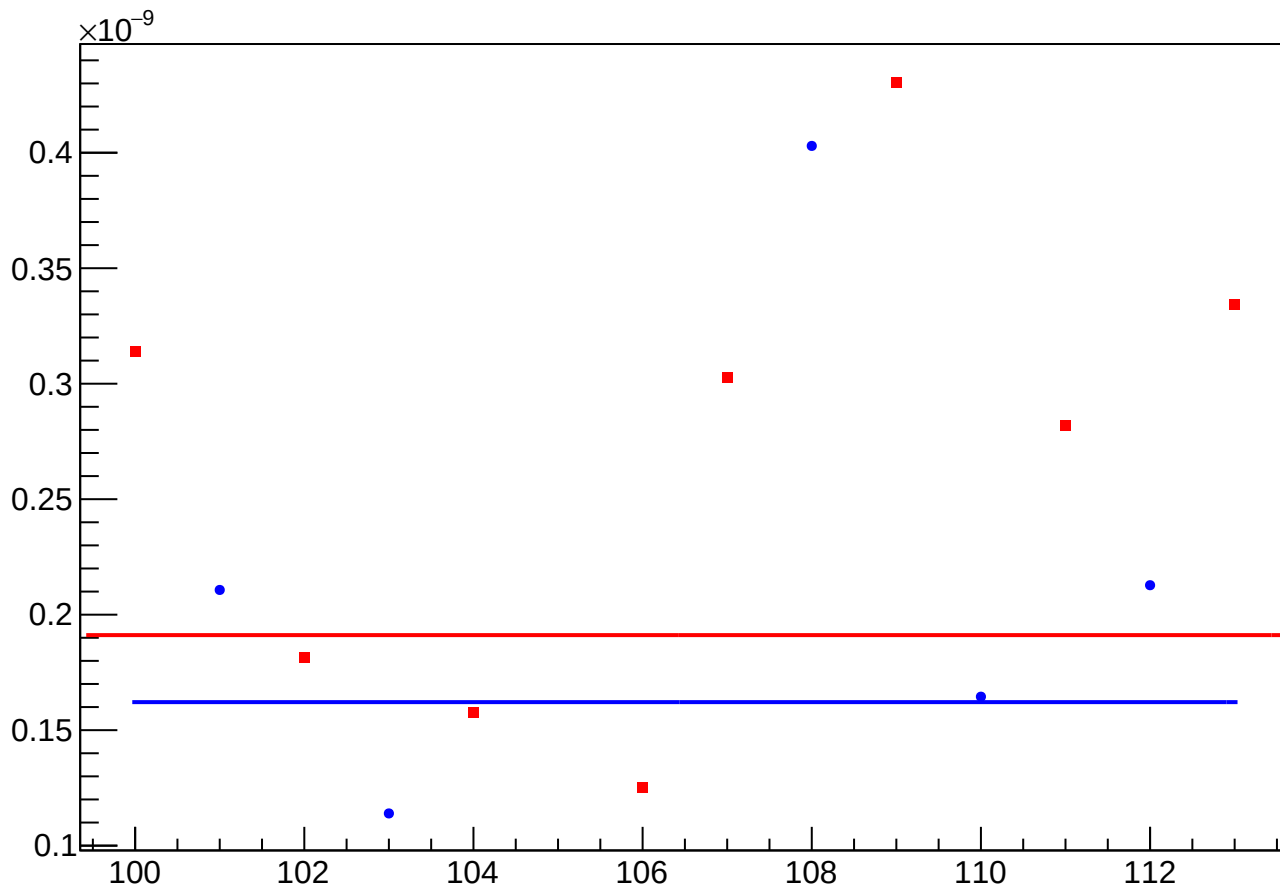
Right: -0.000 ± 0.000 χ^2/NDF : 12.4/12

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 : 12.4/12

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 : 393582.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

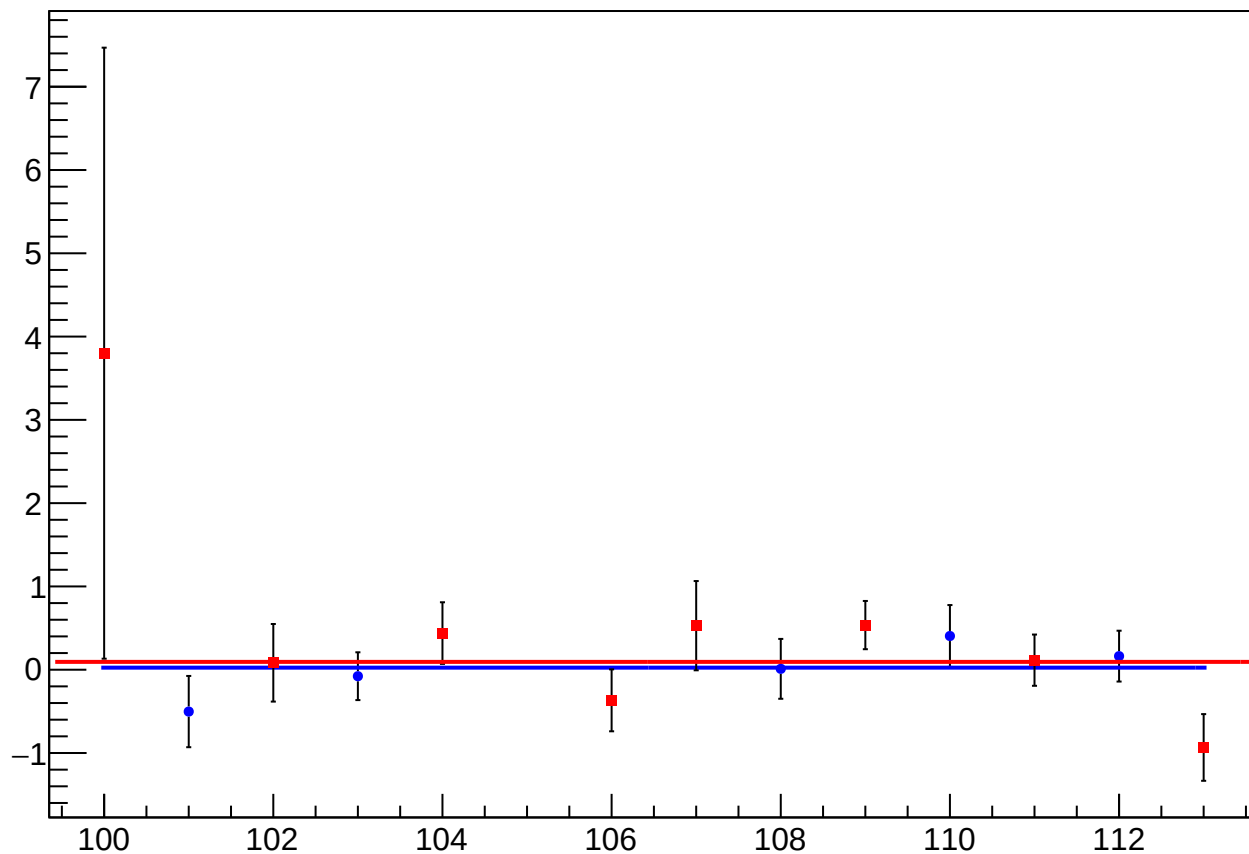
Right: 0.000+/-0.000 χ^2/NDF : 742085.7/12

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 : 742085.7/12

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: 0.094+/-0.139 χ^2/NDF : 13.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

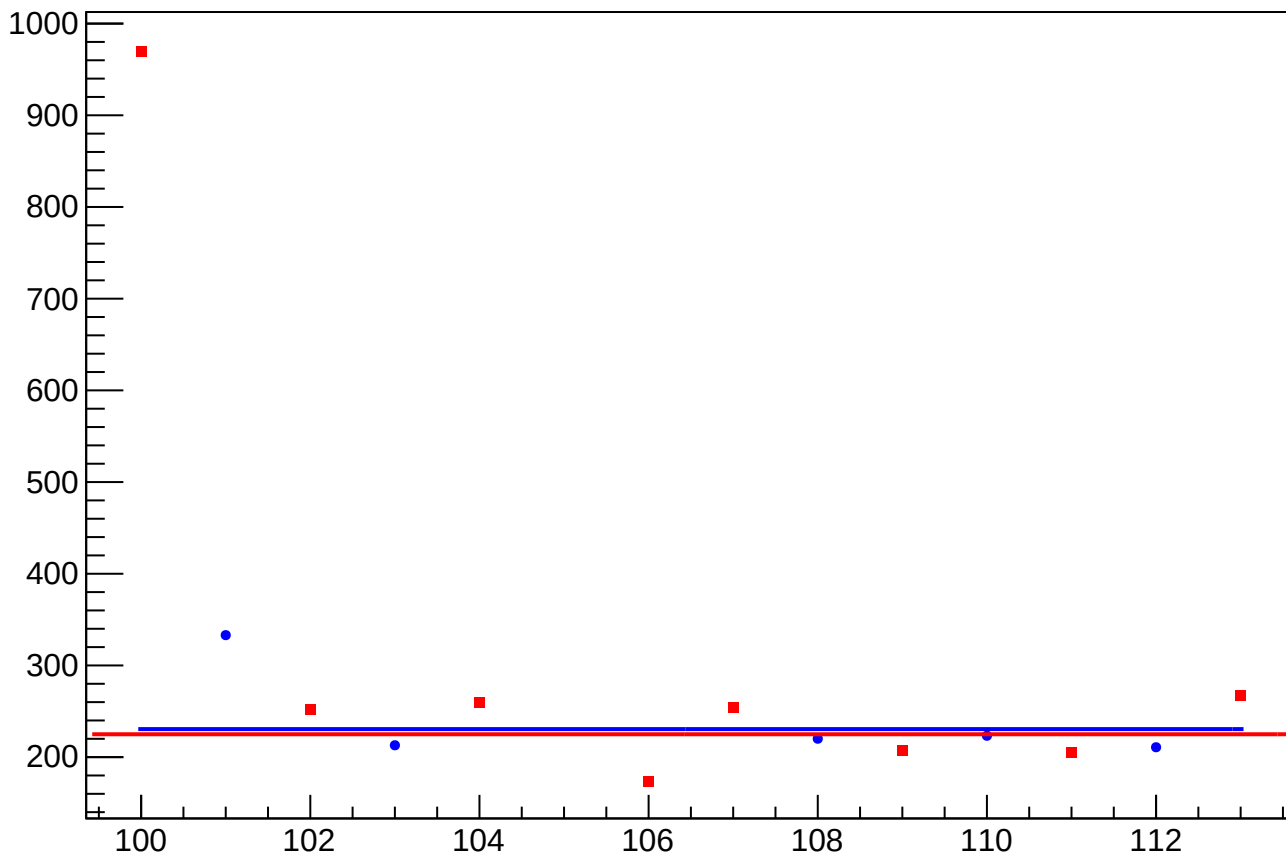
Right: 0.062+/-0.103 χ^2/NDF : 16.0/12

In: 0.025+/-0.152 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.062+/-0.103 χ^2/NDF : 16.0/12

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: 224.958+/-0.099 χ^2/NDF : 188573.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

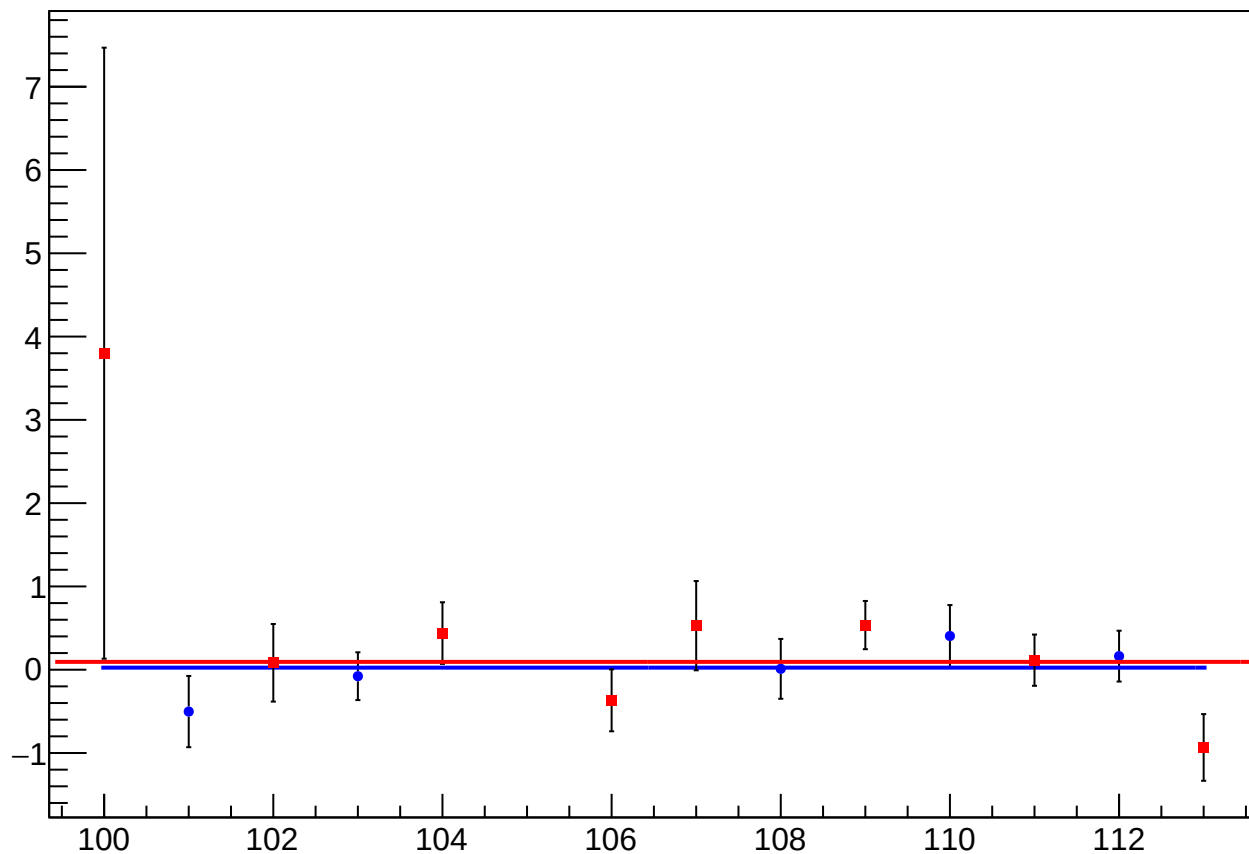
Right: 227.527+/-0.073 χ^2/NDF : 323231.6/12

In: 230.577+/-0.107 χ^2/NDF : 133172.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.527+/-0.073 χ^2/NDF : 323231.6/12

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: 0.094+/-0.139 χ^2/NDF : 13.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

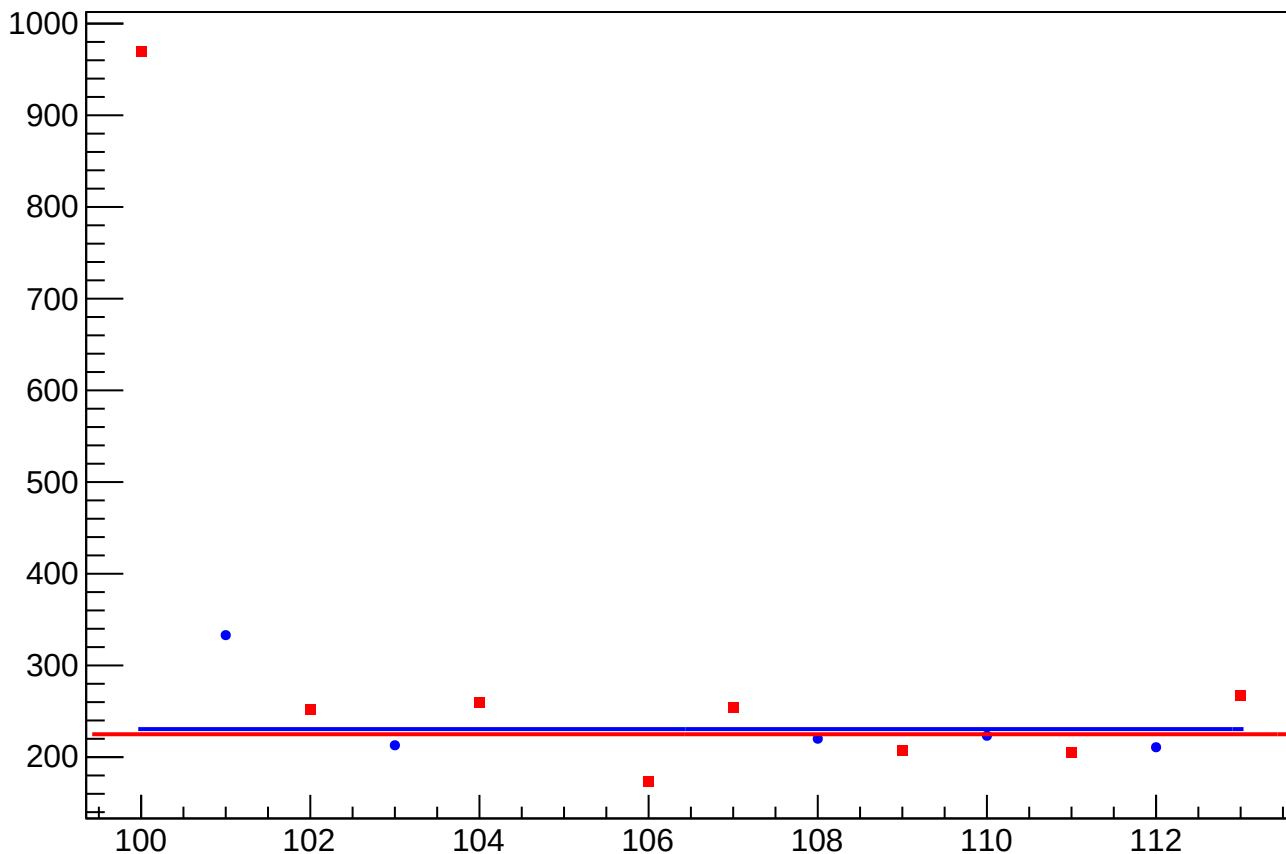
Right: 0.062+/-0.103 χ^2/NDF : 16.0/12

In: 0.025+/-0.152 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.062+/-0.103 χ^2/NDF : 16.0/12

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: 224.958+/-0.099 χ^2/NDF : 188573.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

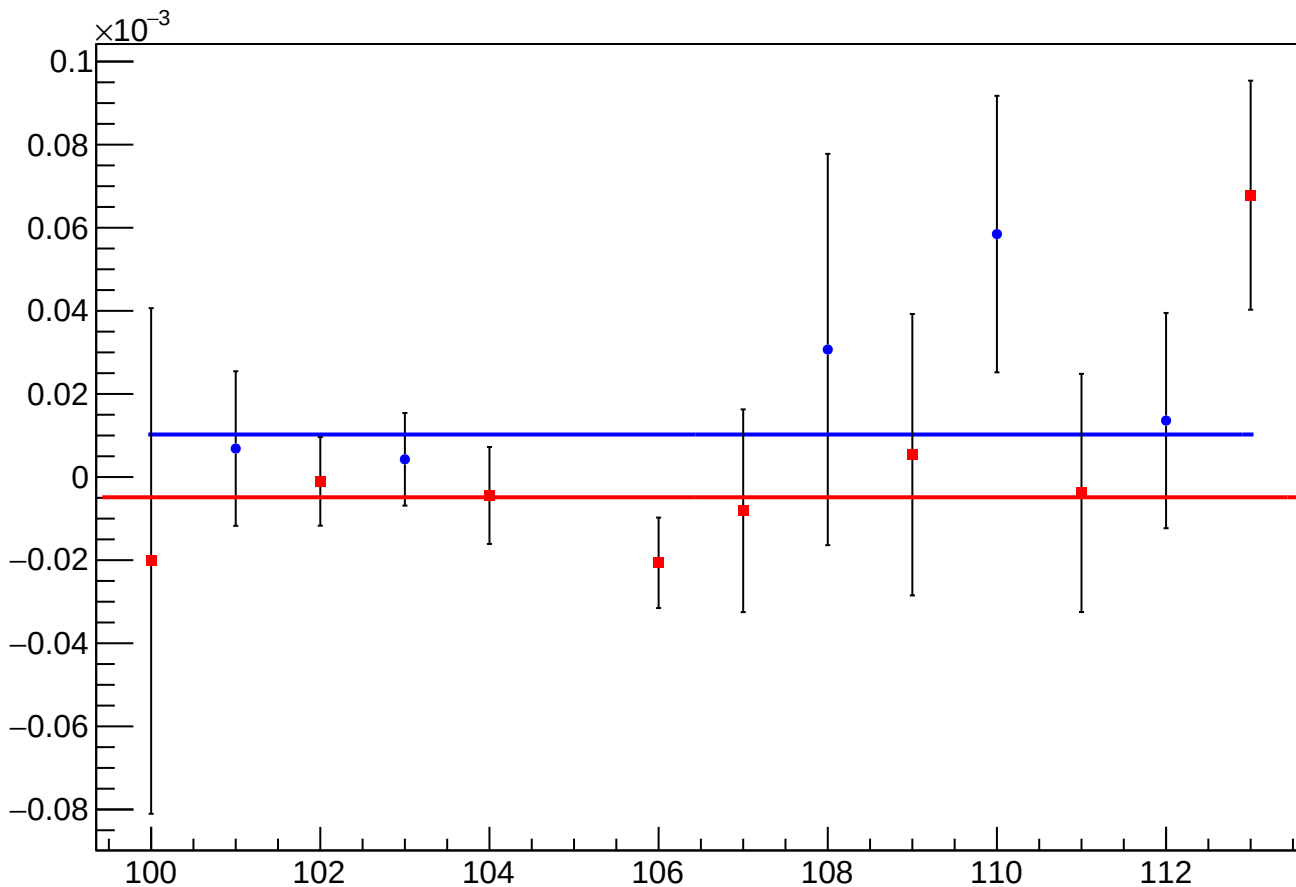
Right: 227.527+/-0.073 χ^2/NDF : 323231.6/12

In: 230.577+/-0.107 χ^2/NDF : 133172.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.527+/-0.073 χ^2/NDF : 323231.6/12

asym_atl2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.6/4

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.4/7

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

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

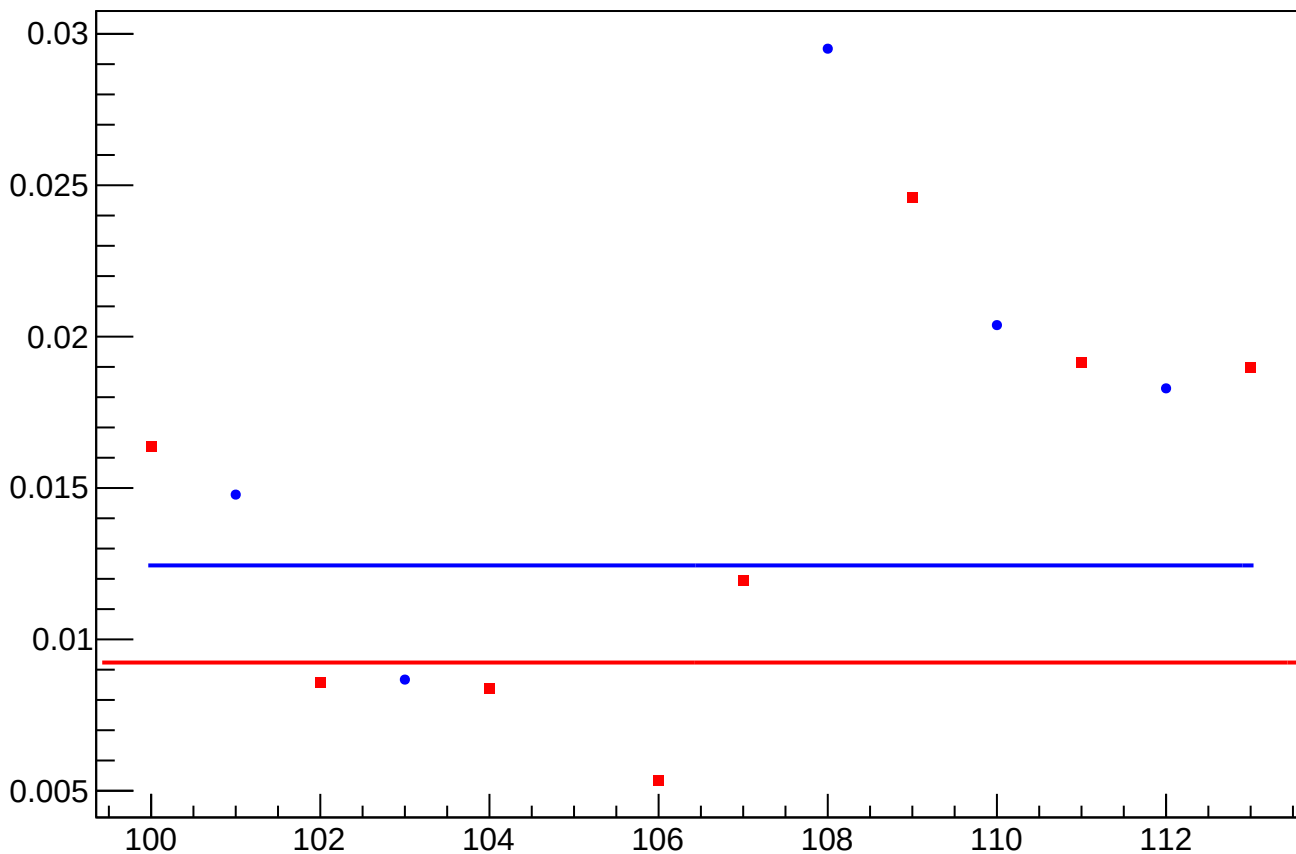
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 14.1/12

In: 0.000 $\pm$ 0.000 χ^2 /NDF:2.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 14.1/12

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 : 1227375.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

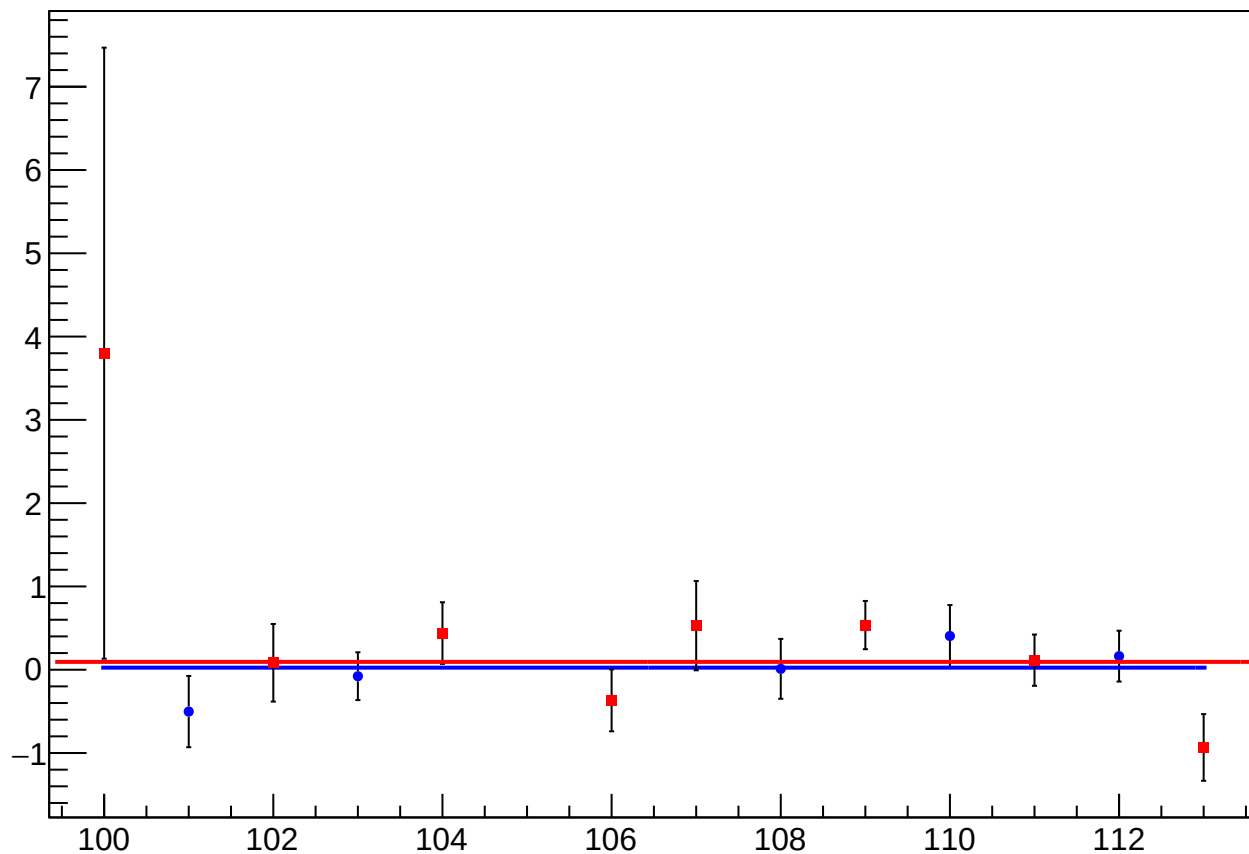
Right: 0.010+/-0.000 χ^2/NDF : 2160670.5/12

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 : 2160670.5/12

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: 0.094+/-0.139 χ^2/NDF : 13.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

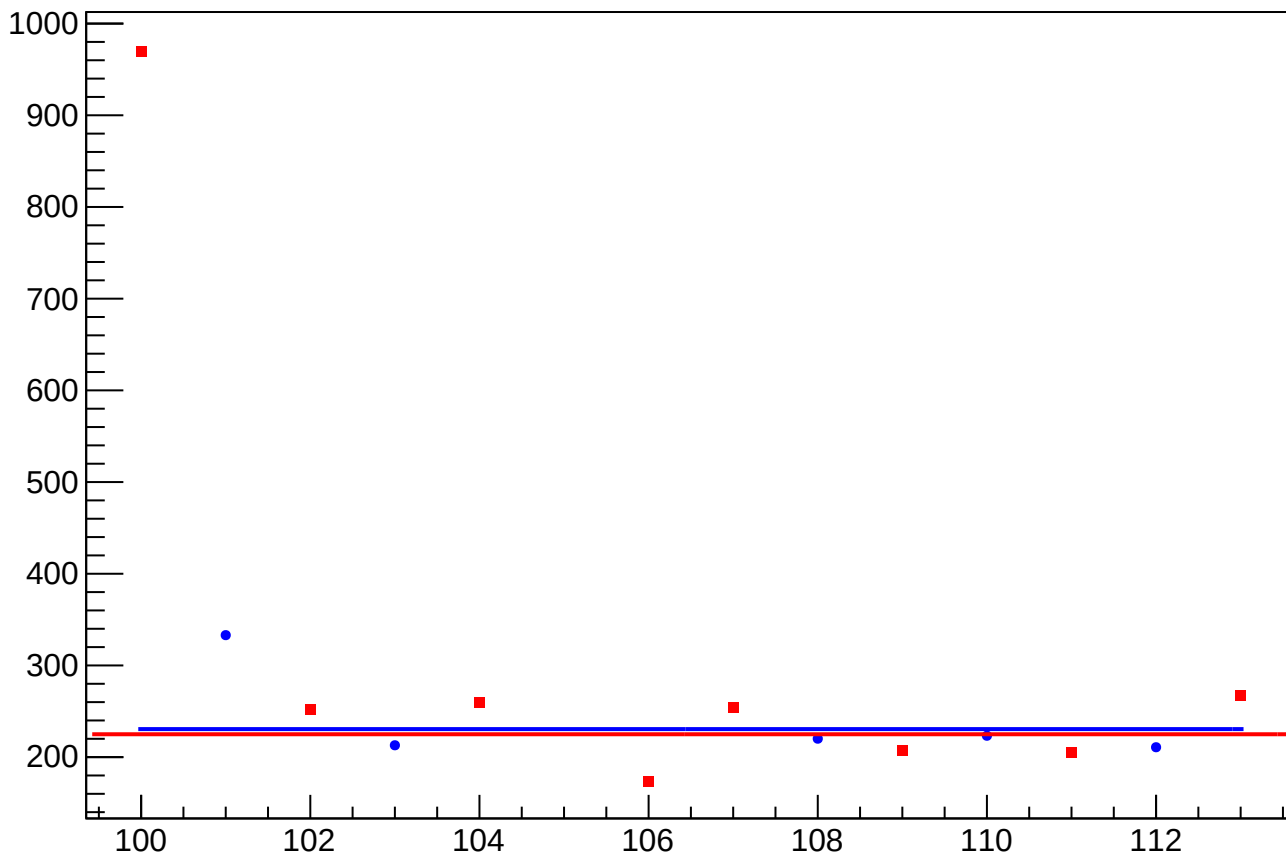
Right: 0.062+/-0.103 χ^2/NDF : 16.0/12

In: 0.025+/-0.152 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.062+/-0.103 χ^2/NDF : 16.0/12

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: 224.961+/-0.099 χ^2/NDF : 188560.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

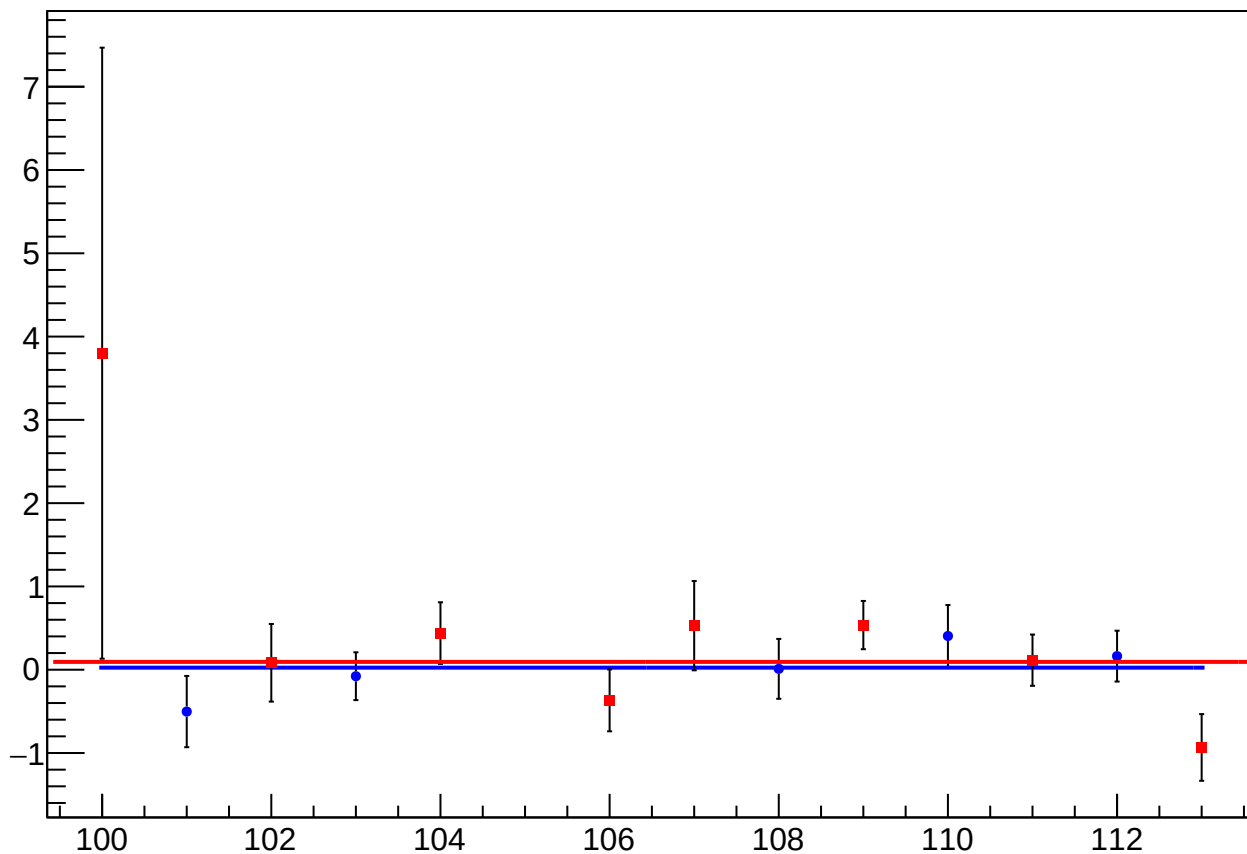
Right: 227.532+/-0.073 χ^2/NDF : 323195.2/12

In: 230.584+/-0.107 χ^2/NDF : 133147.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.532+/-0.073 χ^2/NDF : 323195.2/12

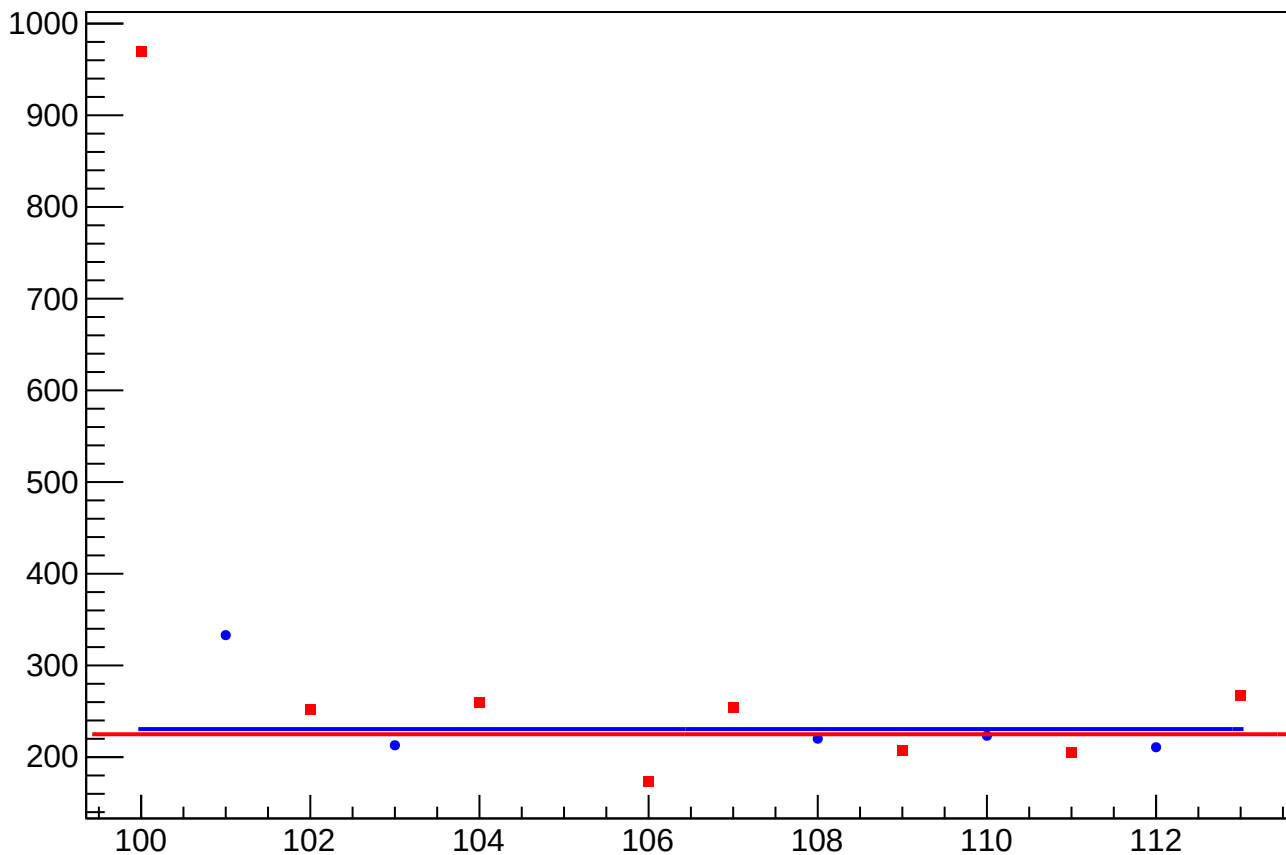
asym_atl2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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: 0.094+/-0.139 χ^2/NDF : 13.0/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.062+/-0.103 χ^2/NDF : 16.0/12
 In: 0.025+/-0.152 χ^2/NDF : 2.9/4
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.062+/-0.103 χ^2/NDF : 16.0/12

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: 224.961+/-0.099 χ^2/NDF : 188560.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

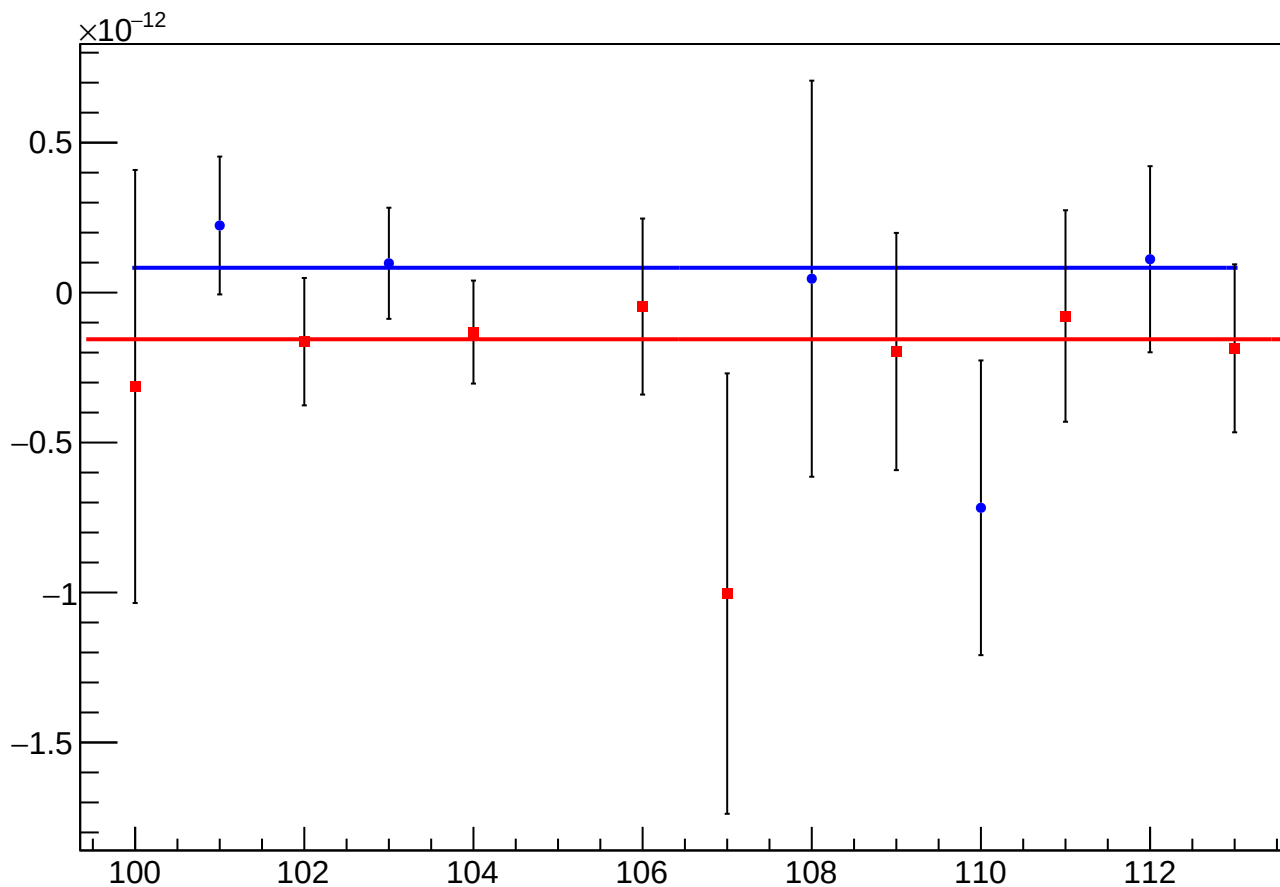
Right: 227.532+/-0.073 χ^2/NDF : 323195.2/12

In: 230.584+/-0.107 χ^2/NDF : 133147.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.532+/-0.073 χ^2/NDF : 323195.2/12

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 : 1.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

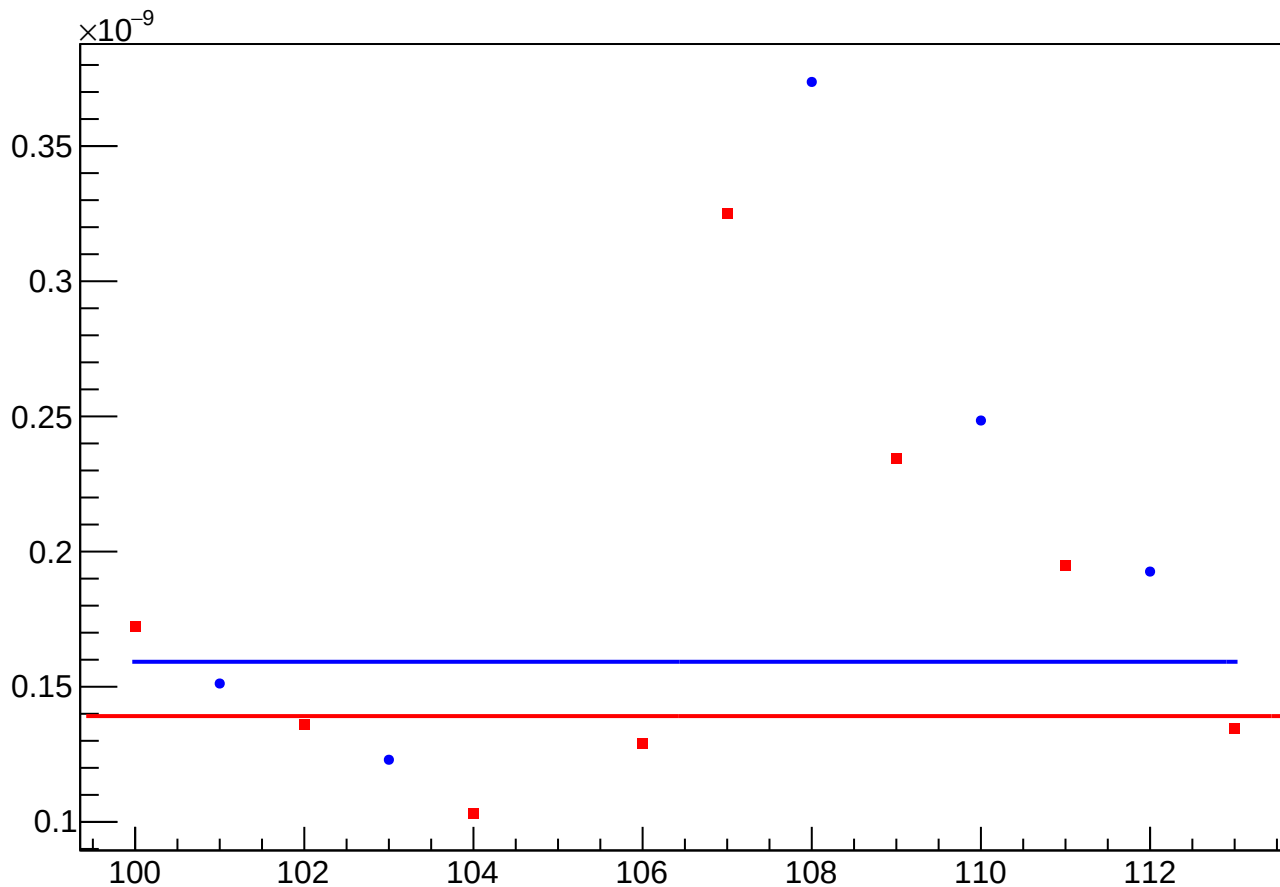
Right: -0.000+/-0.000 χ^2/NDF : 6.9/12

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 : 6.9/12

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 : 389569.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

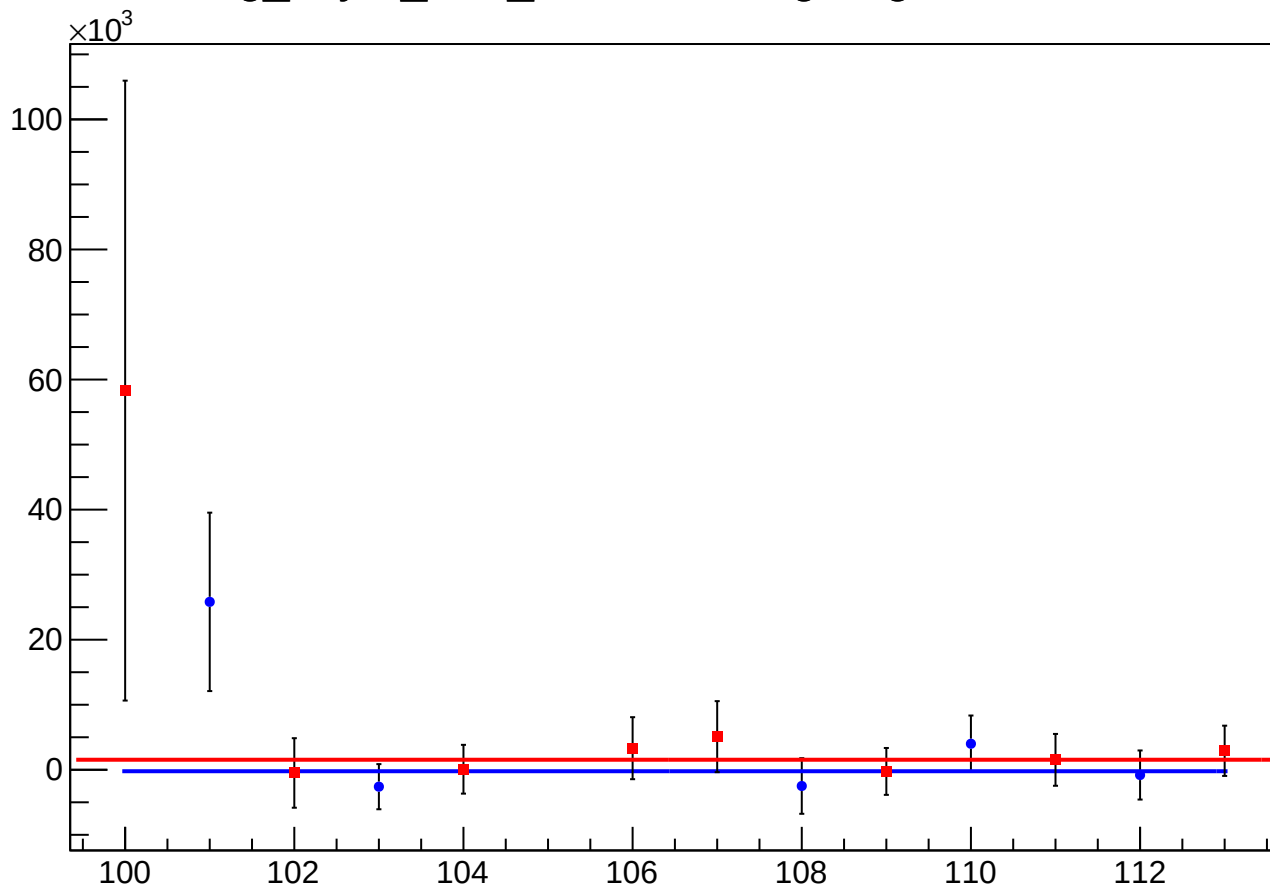
Right: 0.000+/-0.000 χ^2/NDF : 800304.8/12

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 : 800304.8/12

reg_asym_atr1_mean vs Slug, Sign Corrected



Right In: -221.981 ± 1937.889 $\chi^2/\text{NDF}: 5.3/4$

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

Right Out: 1544.492 ± 1599.252 $\chi^2/\text{NDF}: 2.7/7$

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

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

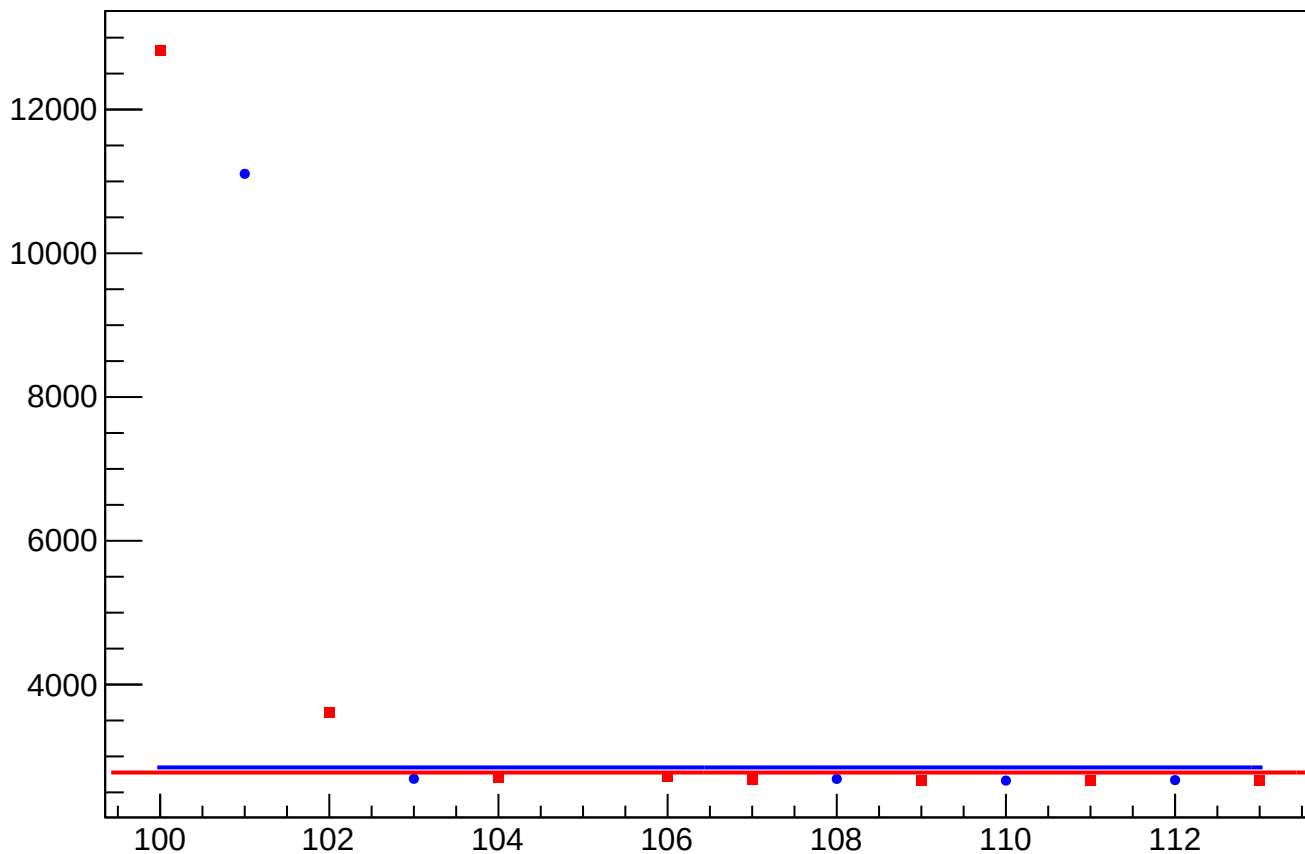
Right: 828.837 ± 1233.466 $\chi^2/\text{NDF}: 8.5/12$

In: -221.981 ± 1937.889 $\chi^2/\text{NDF}: 5.3/4$

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

All: 828.837 ± 1233.466 $\chi^2/\text{NDF}: 8.5/12$

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: 2775.833+/-1.131 χ^2/NDF : 143826.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

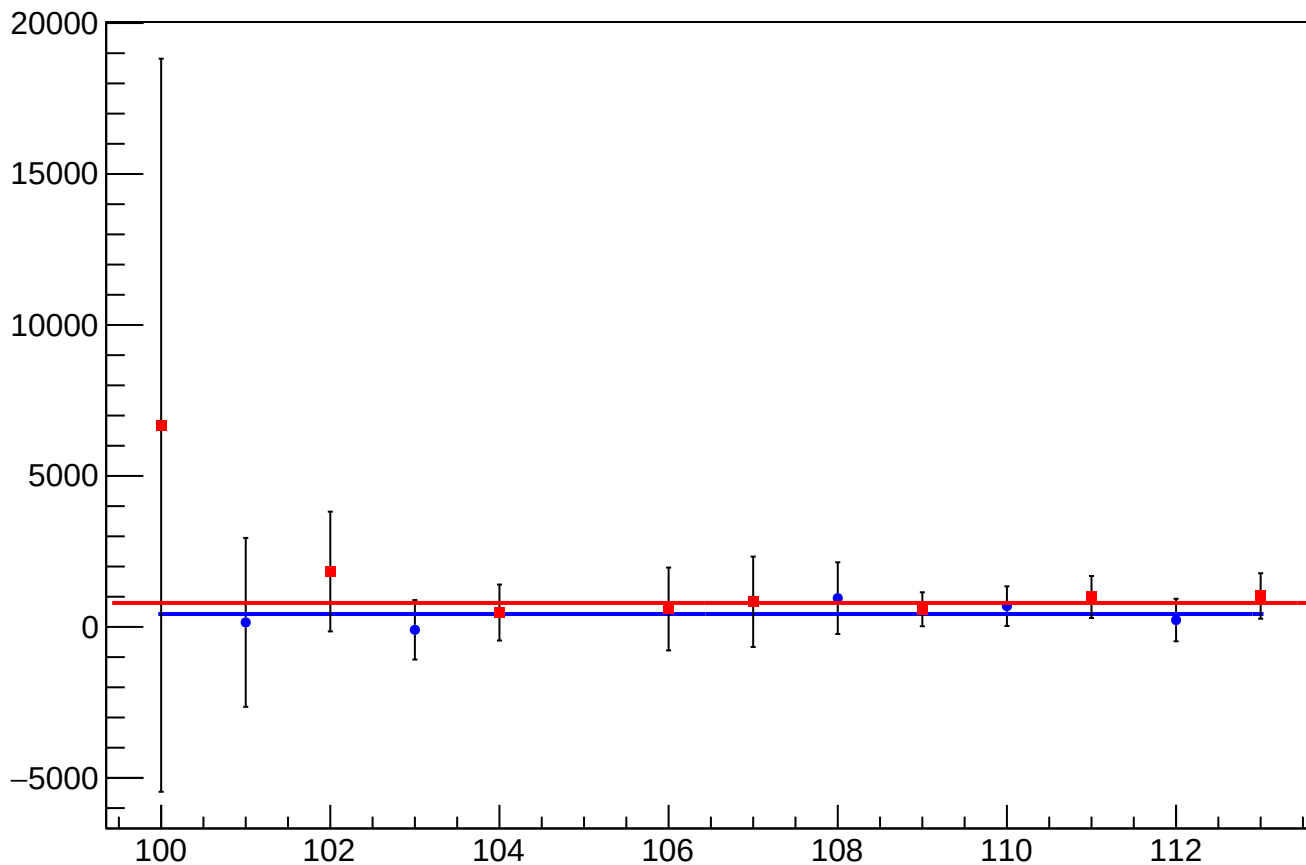
Right: 2804.638+/-0.872 χ^2/NDF : 885342.1/12

In: 2846.934+/-1.370 χ^2/NDF : 739914.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2804.638+/-0.872 χ^2/NDF : 885342.1/12

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: 794.257+/-326.139 χ^2/NDF : 1.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

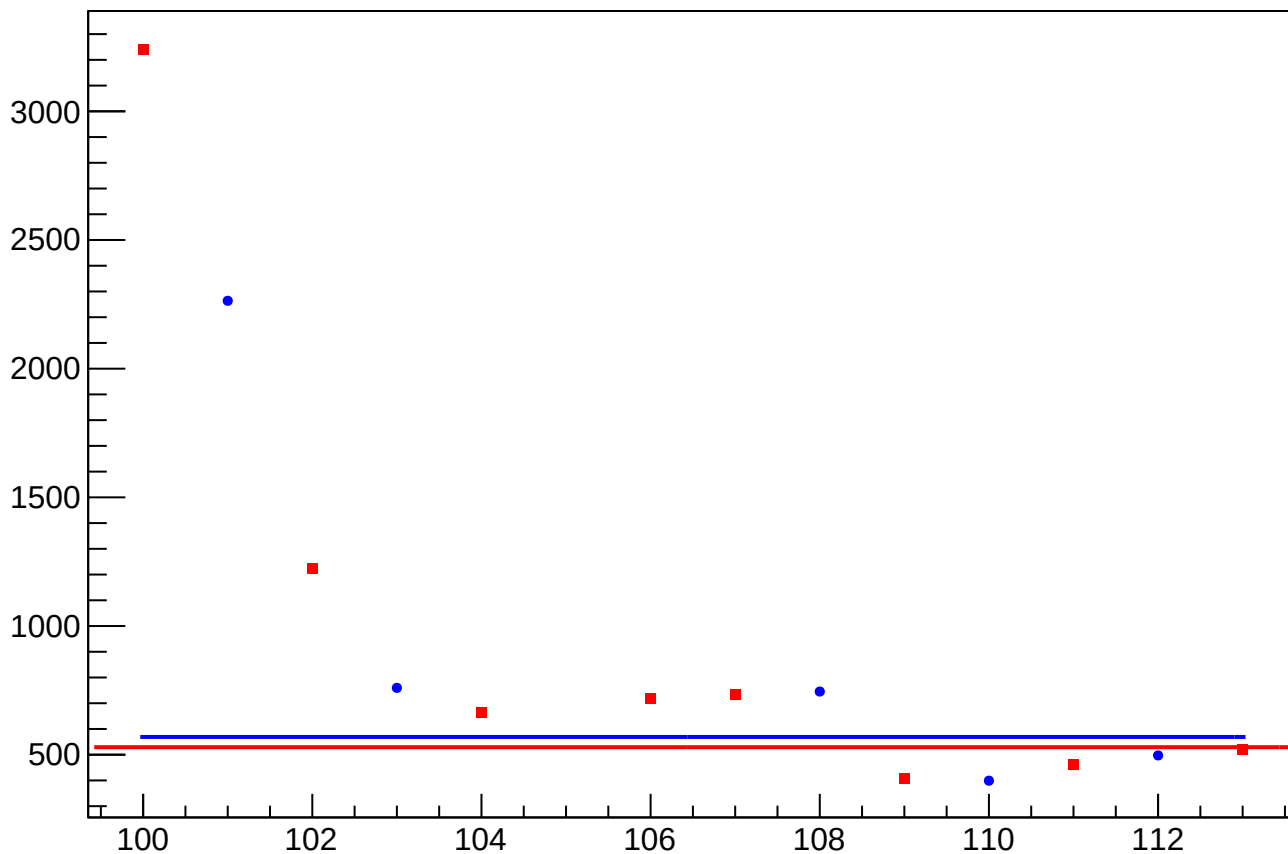
Right: 648.361+/-253.181 χ^2/NDF : 2.2/12

In: 427.094+/-401.642 χ^2/NDF : 0.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 648.361+/-253.181 χ^2/NDF : 2.2/12

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: 529.204+/-0.231 χ^2/NDF : 577265.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

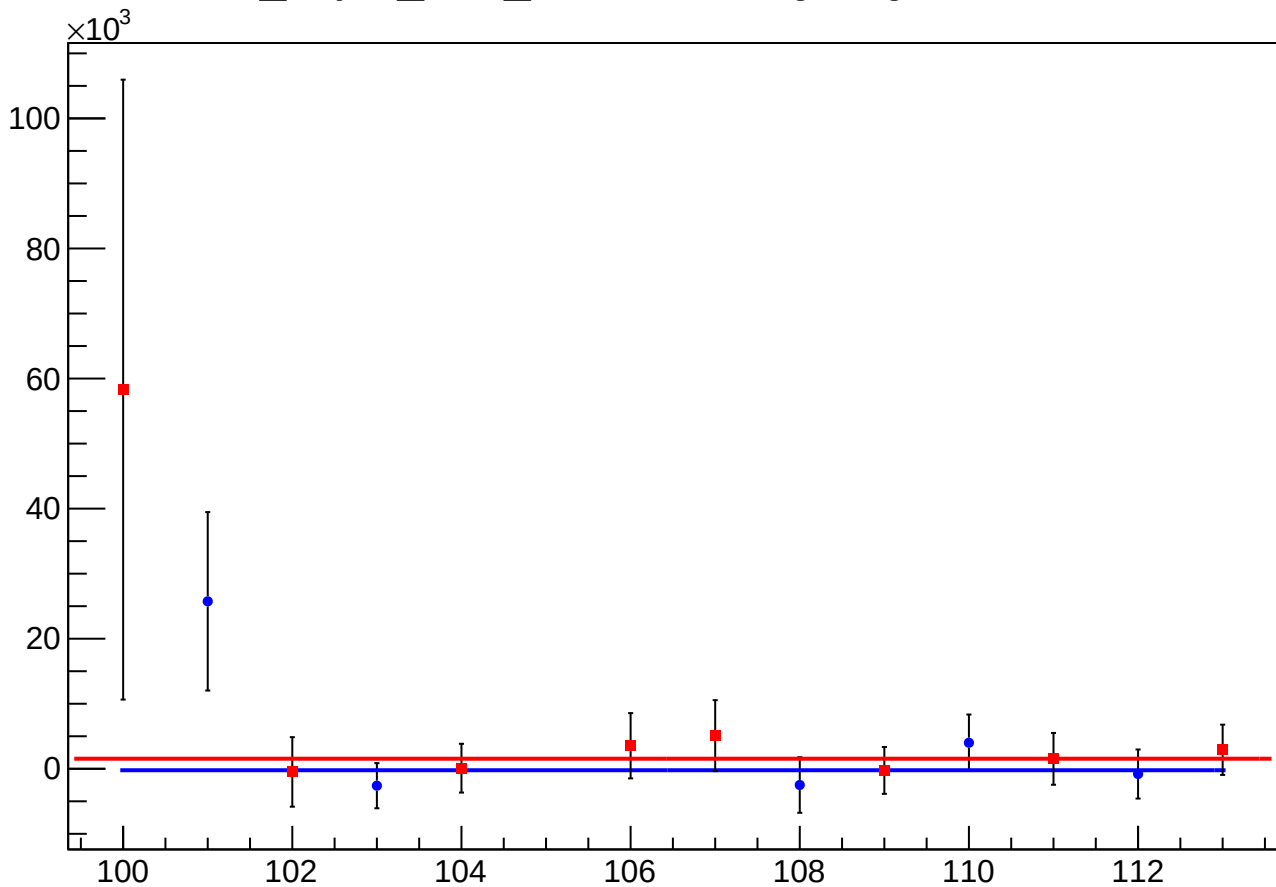
Right: 544.997+/-0.179 χ^2/NDF : 1597109.5/12

In: 568.949+/-0.284 χ^2/NDF : 1008041.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 544.997+/-0.179 χ^2/NDF : 1597109.5/12

cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: -224.139 $\pm$ 1937.890 χ^2/NDF : 5.3/4

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

Right Out: 1549.498 $\pm$ 1608.081 χ^2/NDF : 2.7/7

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

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

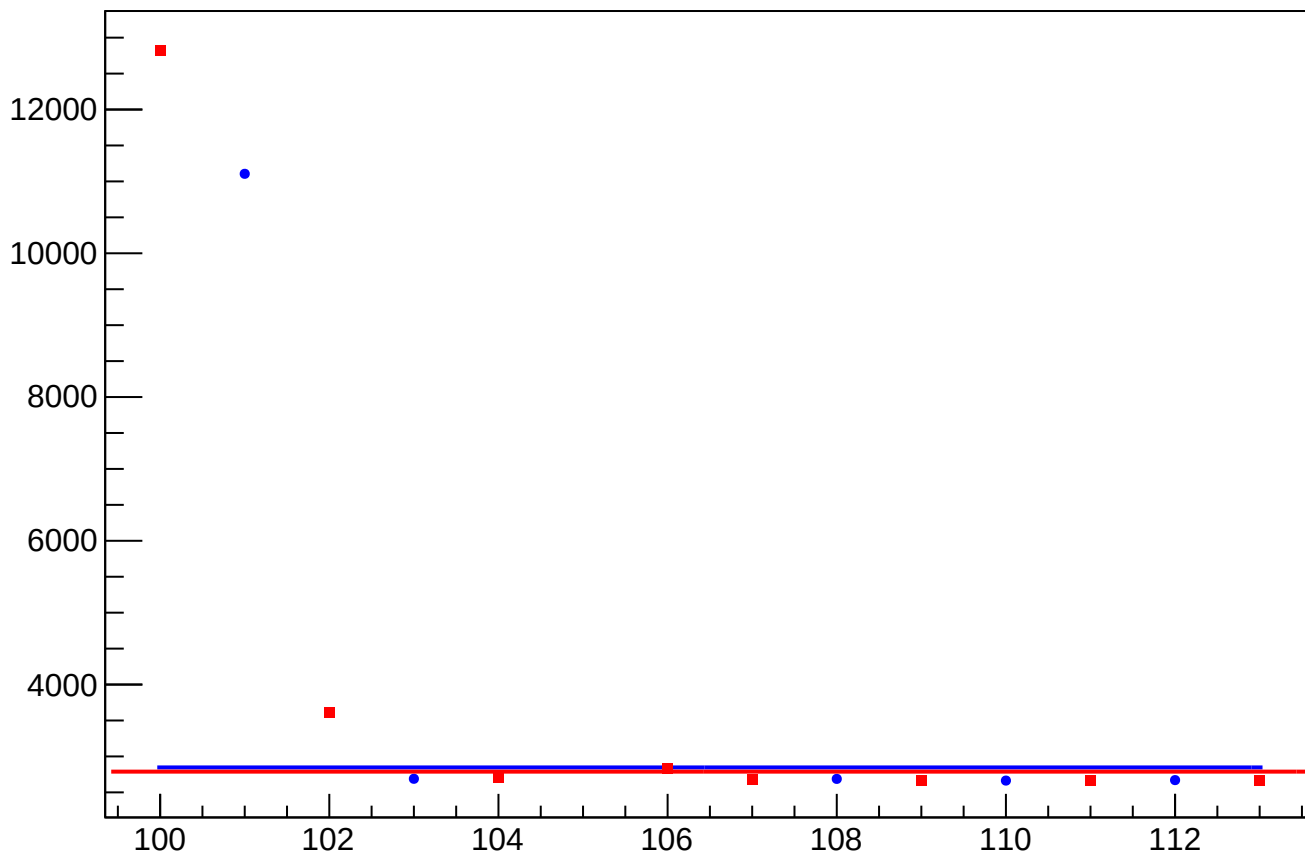
Right: 826.229 $\pm$ 1237.504 χ^2/NDF : 8.5/12

In: -224.139 $\pm$ 1937.890 χ^2/NDF : 5.3/4

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

All: 826.229 $\pm$ 1237.504 χ^2/NDF : 8.5/12

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: 2788.501+/-1.137 χ^2/NDF : 143757.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

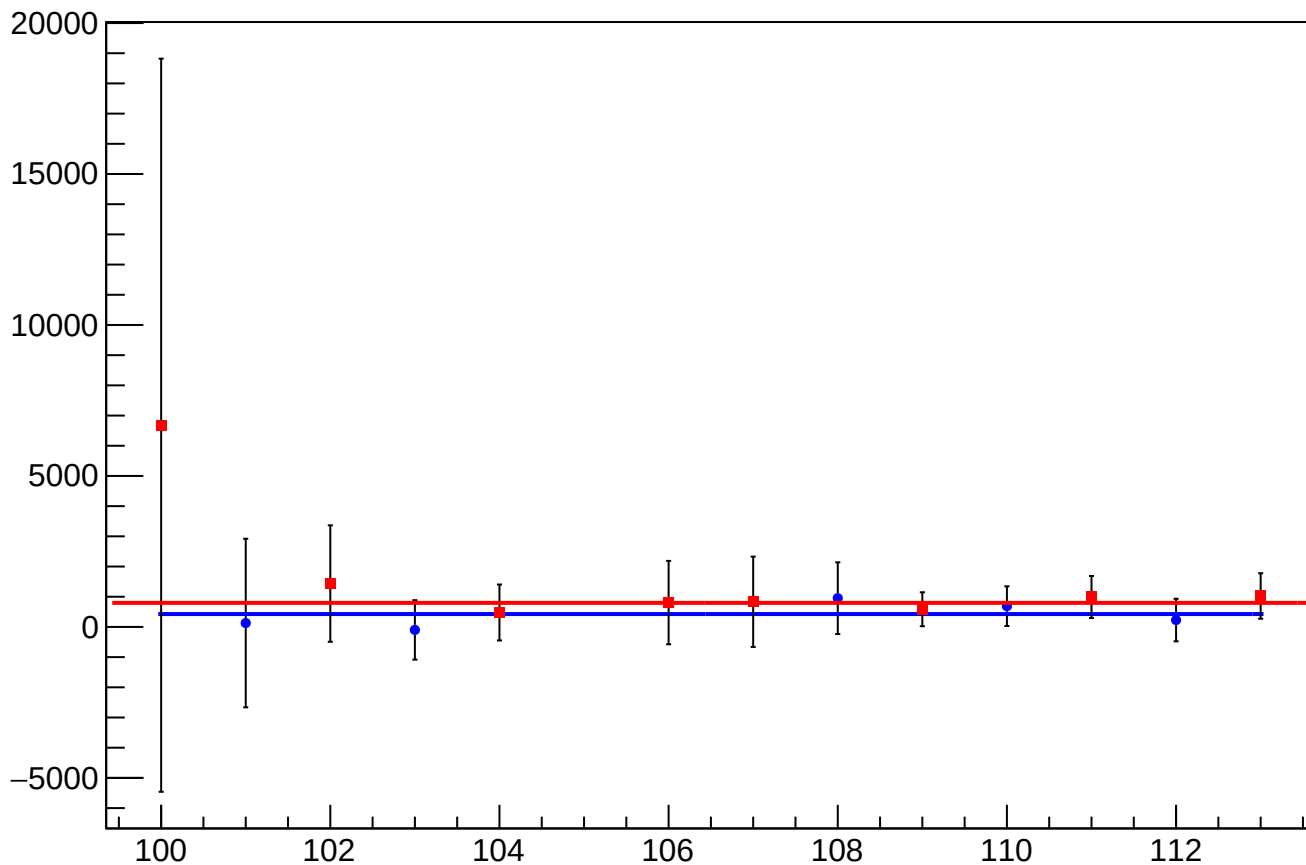
Right: 2812.329+/-0.875 χ^2/NDF : 884747.2/12

In: 2846.934+/-1.370 χ^2/NDF : 739913.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2812.329+/-0.875 χ^2/NDF : 884747.2/12

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: 796.620+/-325.983 χ^2/NDF : 0.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

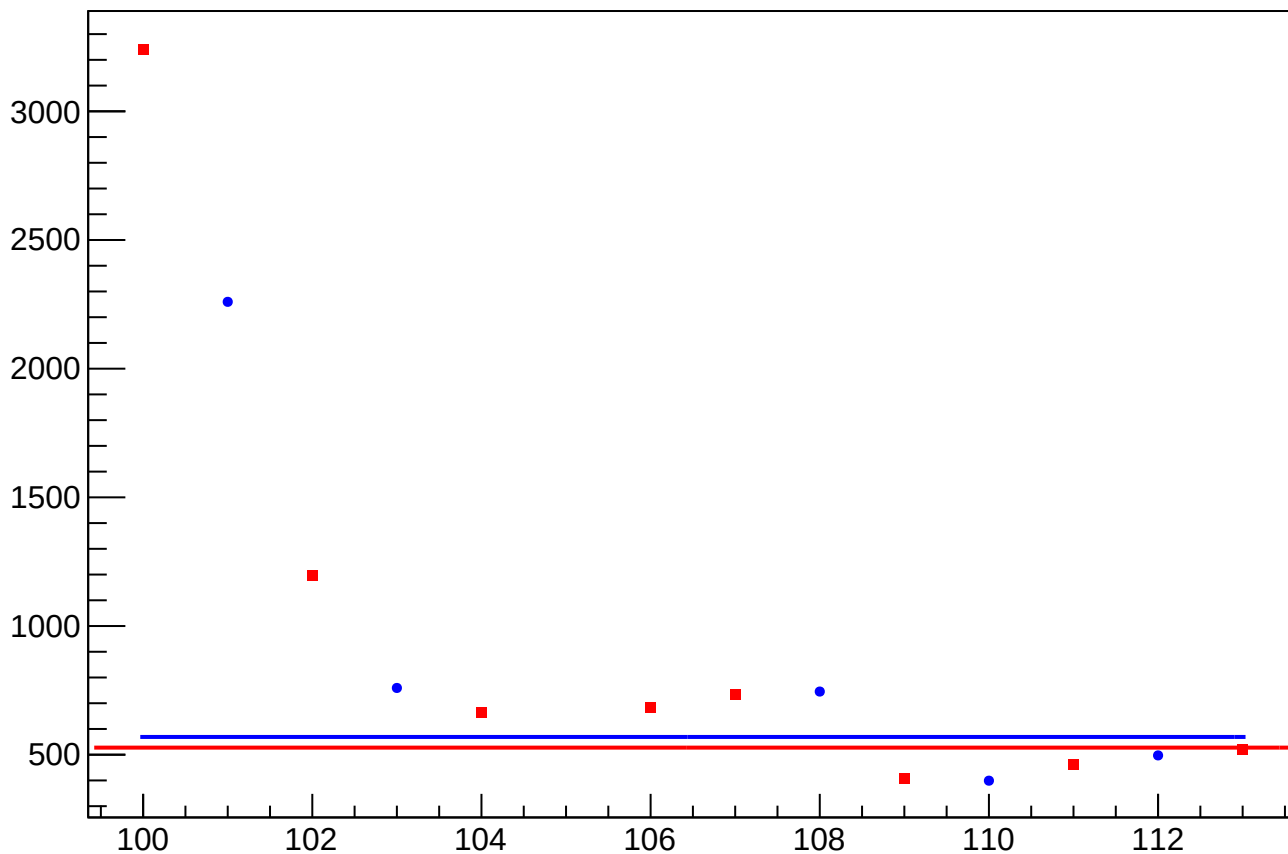
Right: 649.556+/-253.099 χ^2/NDF : 2.0/12

In: 426.344+/-401.606 χ^2/NDF : 0.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 649.556+/-253.099 χ^2/NDF : 2.0/12

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: 527.526+/-0.231 χ^2/NDF : 560436.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

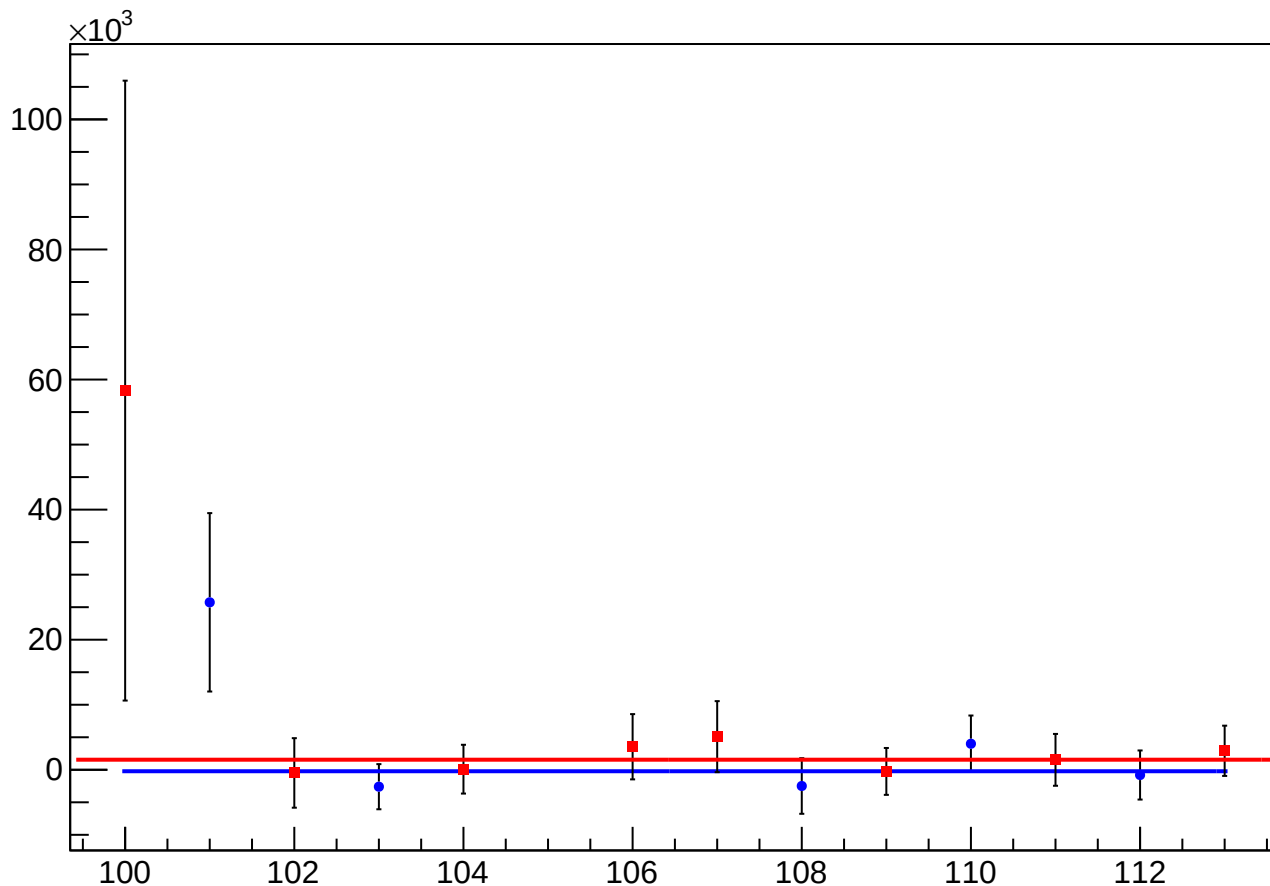
Right: 543.990+/-0.179 χ^2/NDF : 1580312.8/12

In: 568.980+/-0.284 χ^2/NDF : 1007030.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 543.990+/-0.179 χ^2/NDF : 1580312.8/12

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: 1549.498+/-1608.081 χ^2/NDF : 2.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

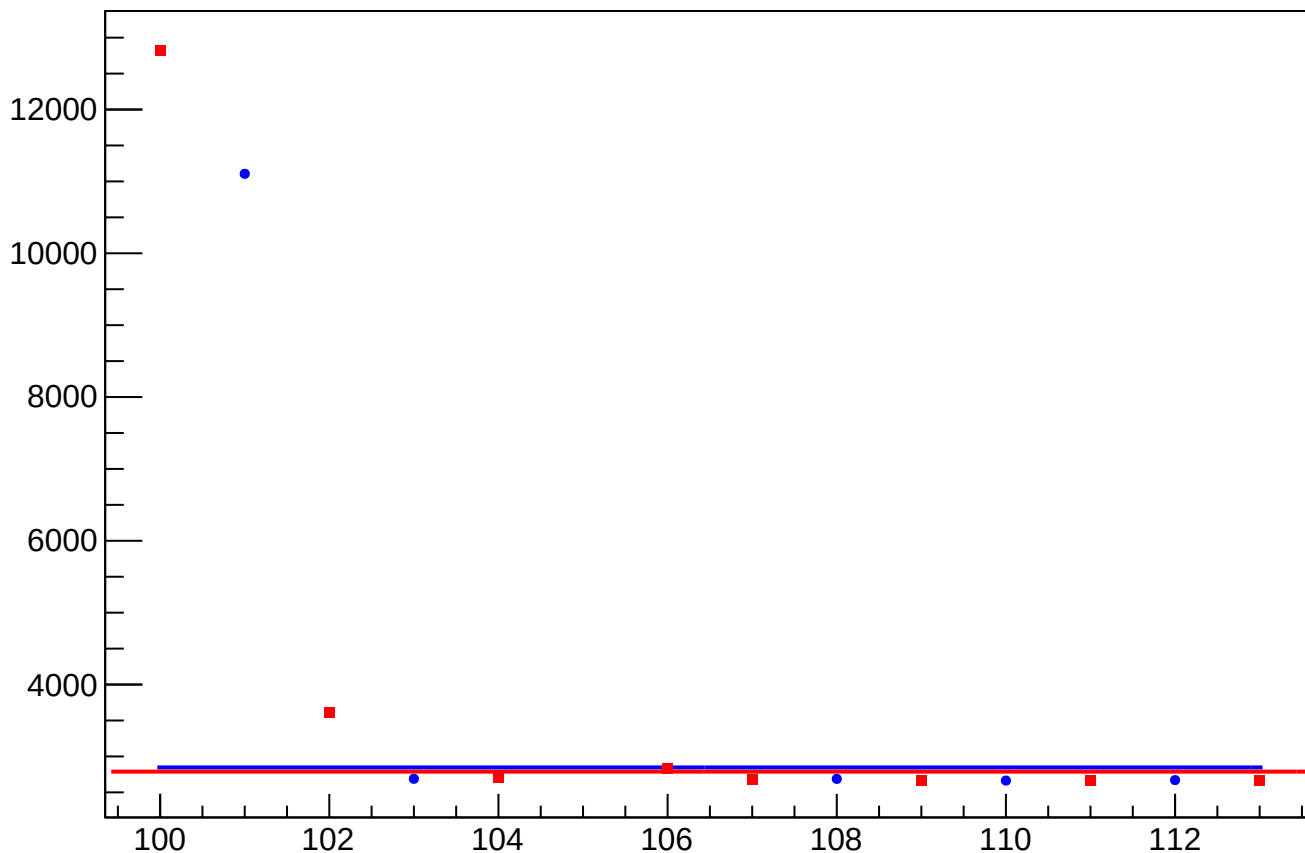
Right: 826.229+/-1237.504 χ^2/NDF : 8.5/12

In: -224.139+/-1937.890 χ^2/NDF : 5.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 826.229+/-1237.504 χ^2/NDF : 8.5/12

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: 2788.501+/-1.137 χ^2/NDF : 143757.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

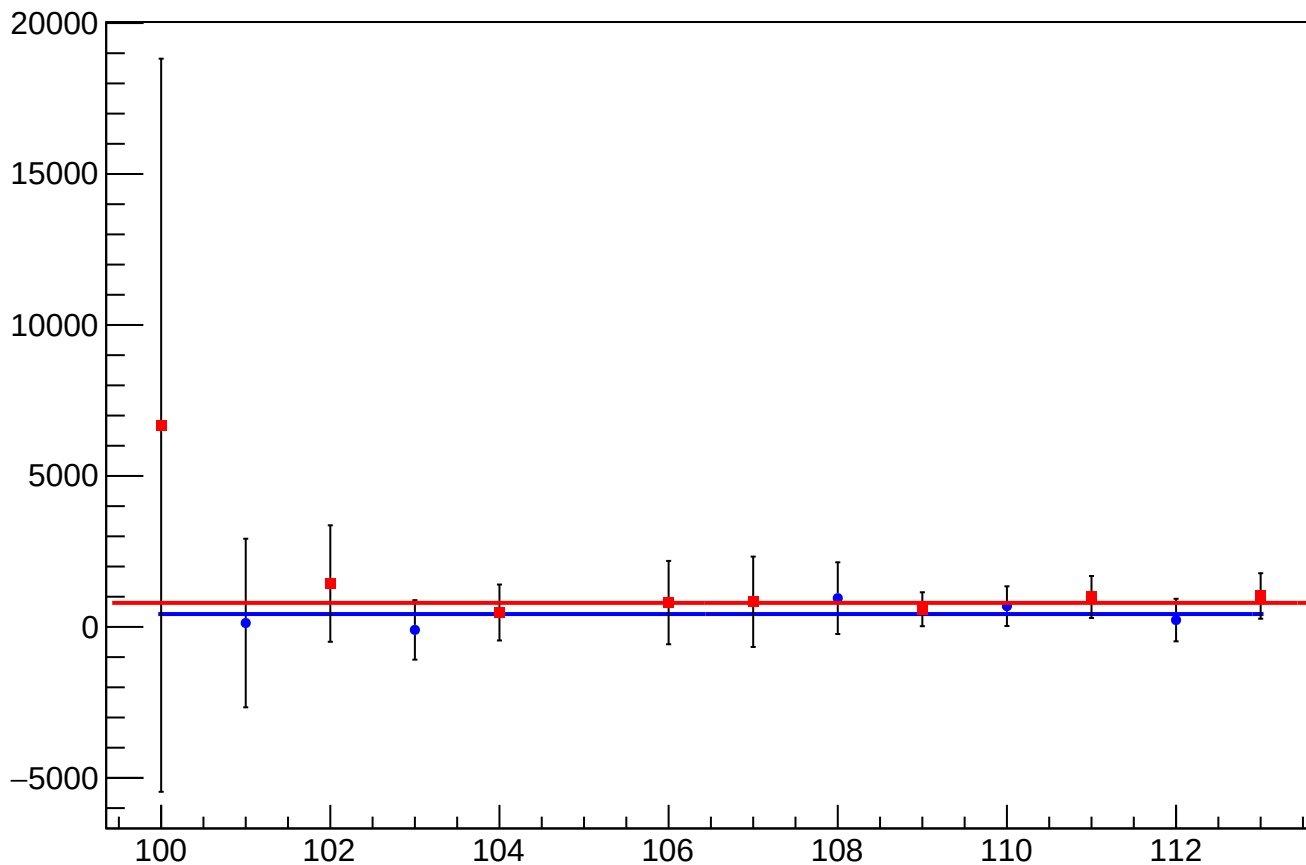
Right: 2812.329+/-0.875 χ^2/NDF : 884747.2/12

In: 2846.934+/-1.370 χ^2/NDF : 739913.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2812.329+/-0.875 χ^2/NDF : 884747.2/12

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: 796.620+/-325.983 χ^2 /NDF: 0.8/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

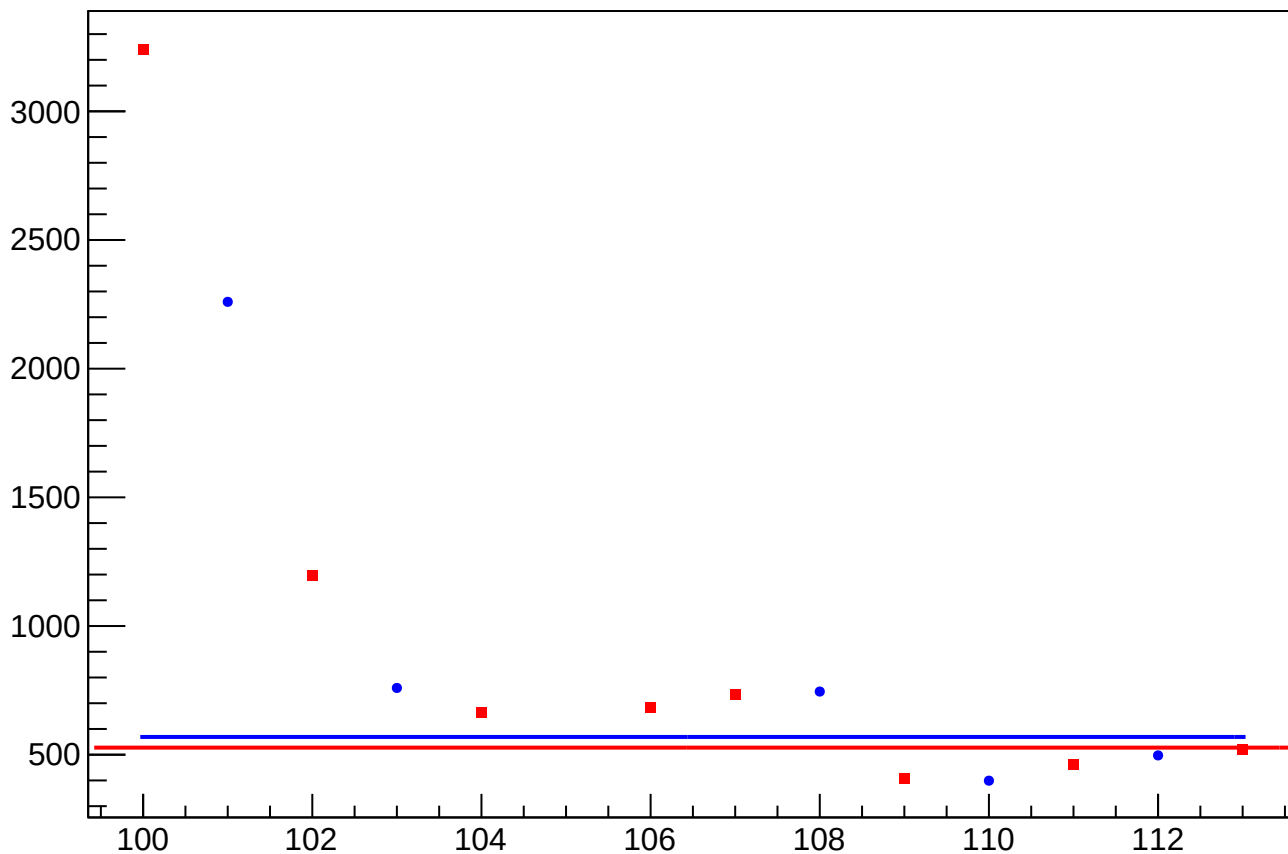
Right: 649.556+/-253.099 χ^2 /NDF: 2.0/12

In: 426.344+/-401.606 χ^2 /NDF:0.7/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 649.556+/-253.099 χ^2 /NDF: 2.0/12

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: 527.526+/-0.231 χ^2/NDF : 560436.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

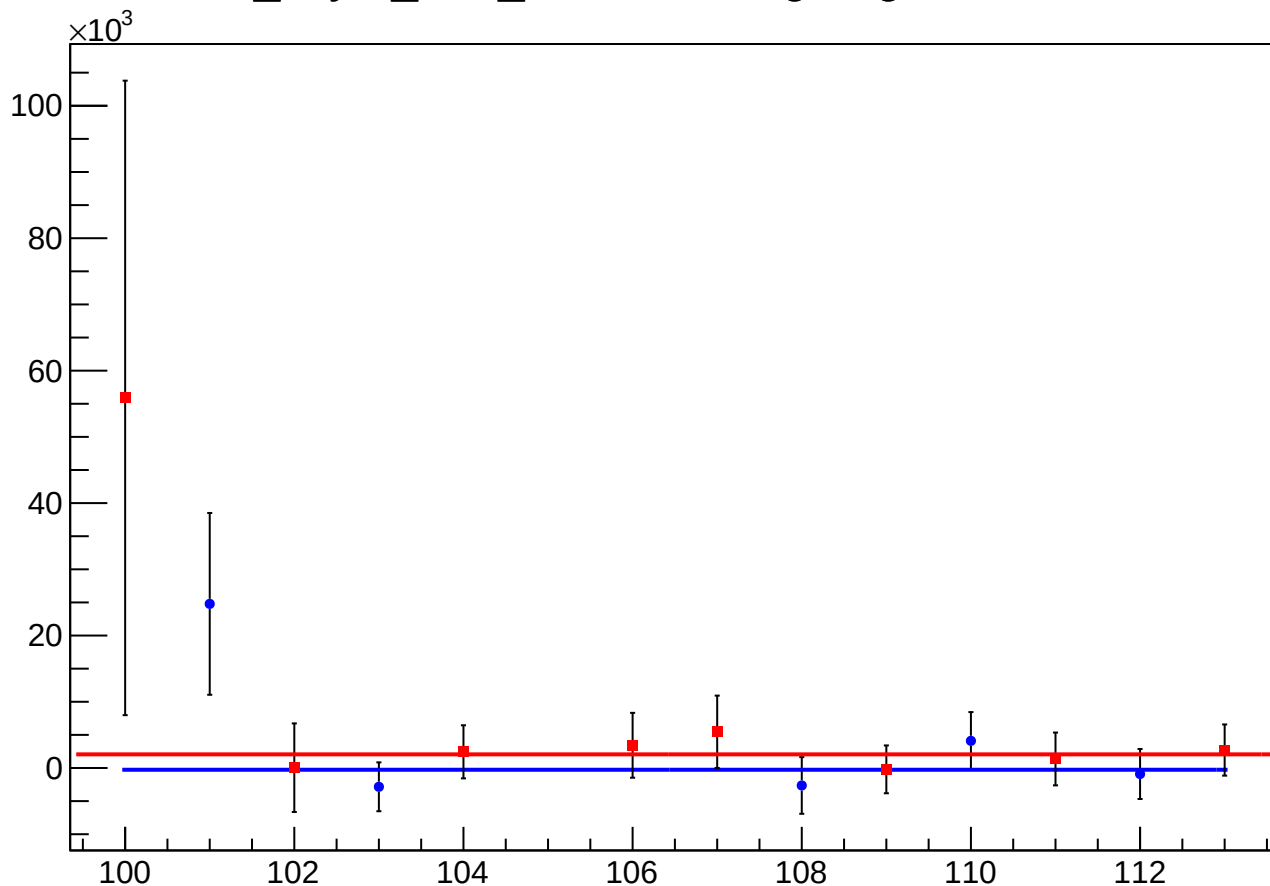
Right: 543.990+/-0.179 χ^2/NDF : 1580312.8/12

In: 568.980+/-0.284 χ^2/NDF : 1007030.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 543.990+/-0.179 χ^2/NDF : 1580312.8/12

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: 2058.853+/-1651.286 χ^2/NDF : 2.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

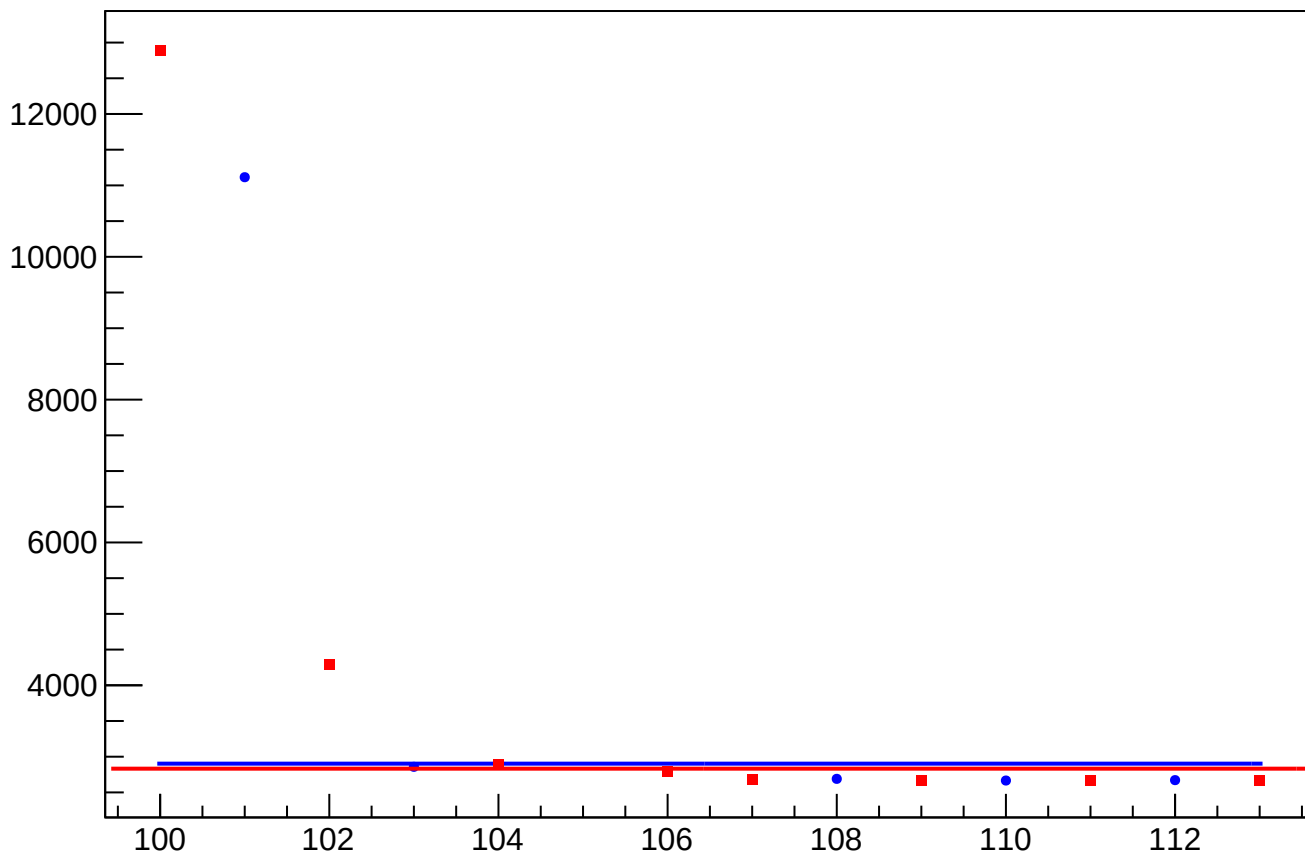
Right: 1102.881+/-1266.731 χ^2/NDF : 8.3/12

In: -264.113+/-1974.618 χ^2/NDF : 5.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1102.881+/-1266.731 χ^2/NDF : 8.3/12

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: 2832.454+/-1.168 χ^2/NDF : 197201.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

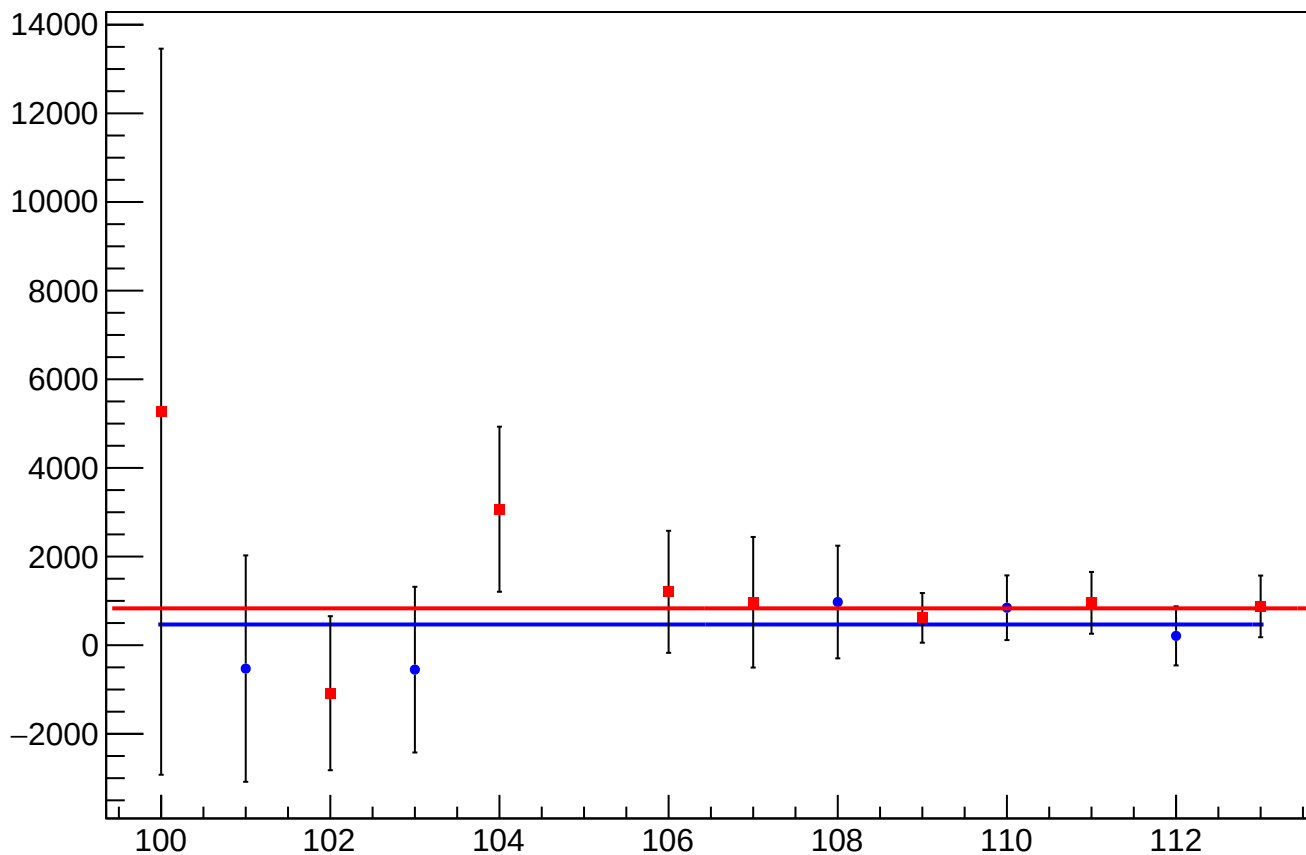
Right: 2861.361+/-0.896 χ^2/NDF : 933044.0/12

In: 2902.697+/-1.396 χ^2/NDF : 734353.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2861.361+/-0.896 χ^2/NDF : 933044.0/12

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: 831.451+/-334.568 χ^2/NDF : 3.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

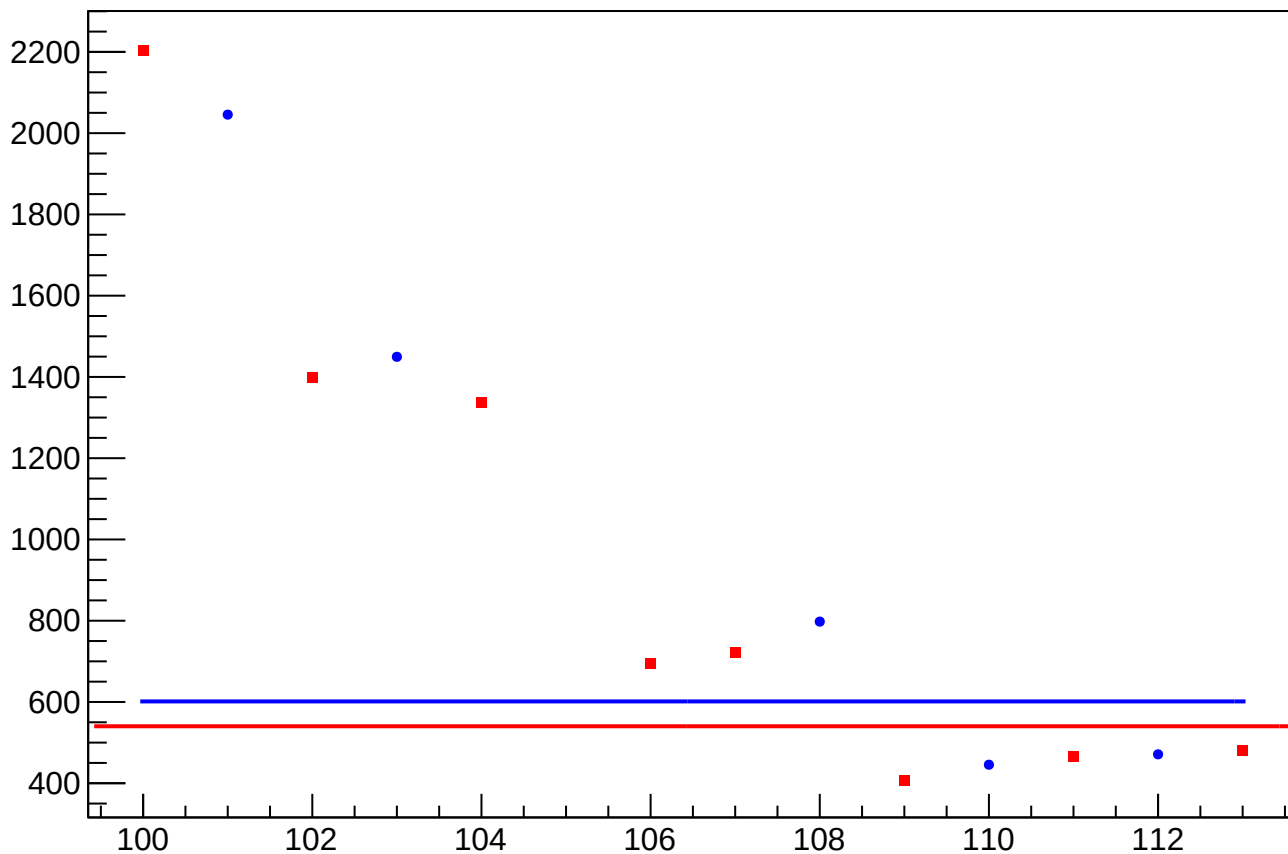
Right: 697.770+/-266.113 χ^2/NDF : 4.7/12

In: 467.546+/-439.062 χ^2/NDF : 1.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 697.770+/-266.113 χ^2/NDF : 4.7/12

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: 540.196+/-0.237 χ^2/NDF : 1143200.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

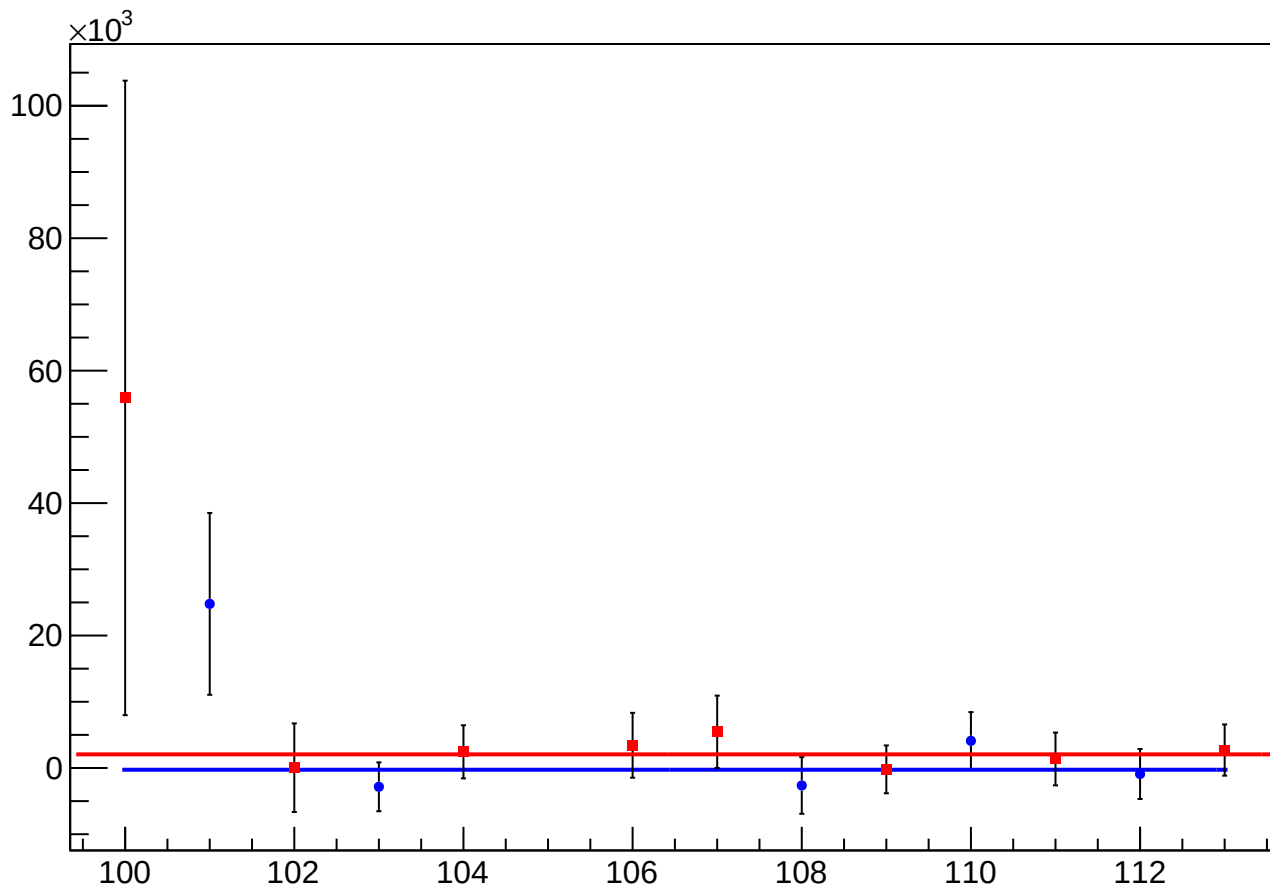
Right: 562.668+/-0.188 χ^2/NDF : 2434256.7/12

In: 601.371+/-0.310 χ^2/NDF : 1266493.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 562.668+/-0.188 χ^2/NDF : 2434256.7/12

eigen_dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: -264.112 $\pm$ 1974.618 χ^2 /NDF: 5.2/4

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

Right Out: 2058.849 $\pm$ 1651.286 χ^2 /NDF: 2.3/7

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

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

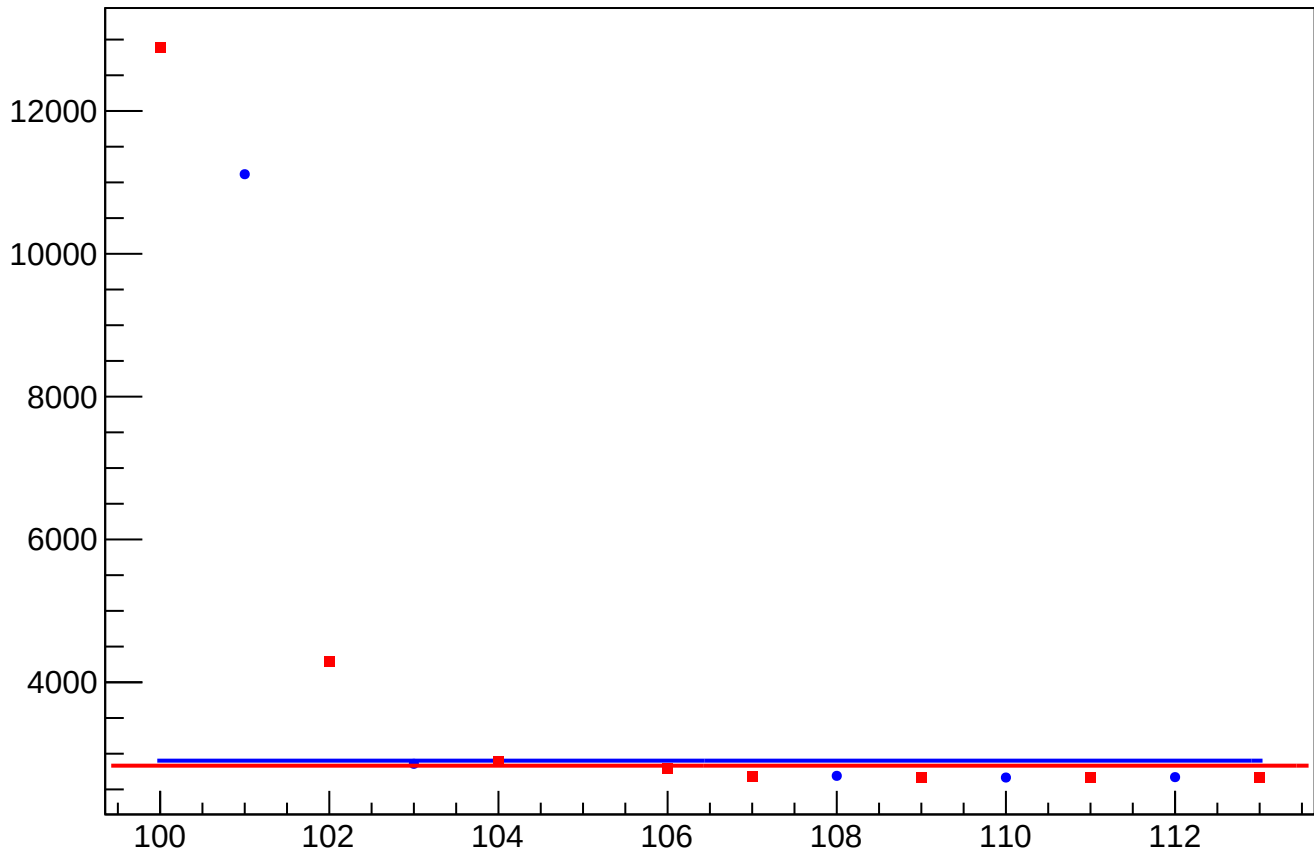
Right: 1102.879 $\pm$ 1266.731 χ^2 /NDF: 8.3/12

In: -264.112 $\pm$ 1974.618 χ^2 /NDF: 5.2/4

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

All: 1102.879 $\pm$ 1266.731 χ^2 /NDF: 8.3/12

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: 2832.453+/-1.168 χ^2/NDF : 197200.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

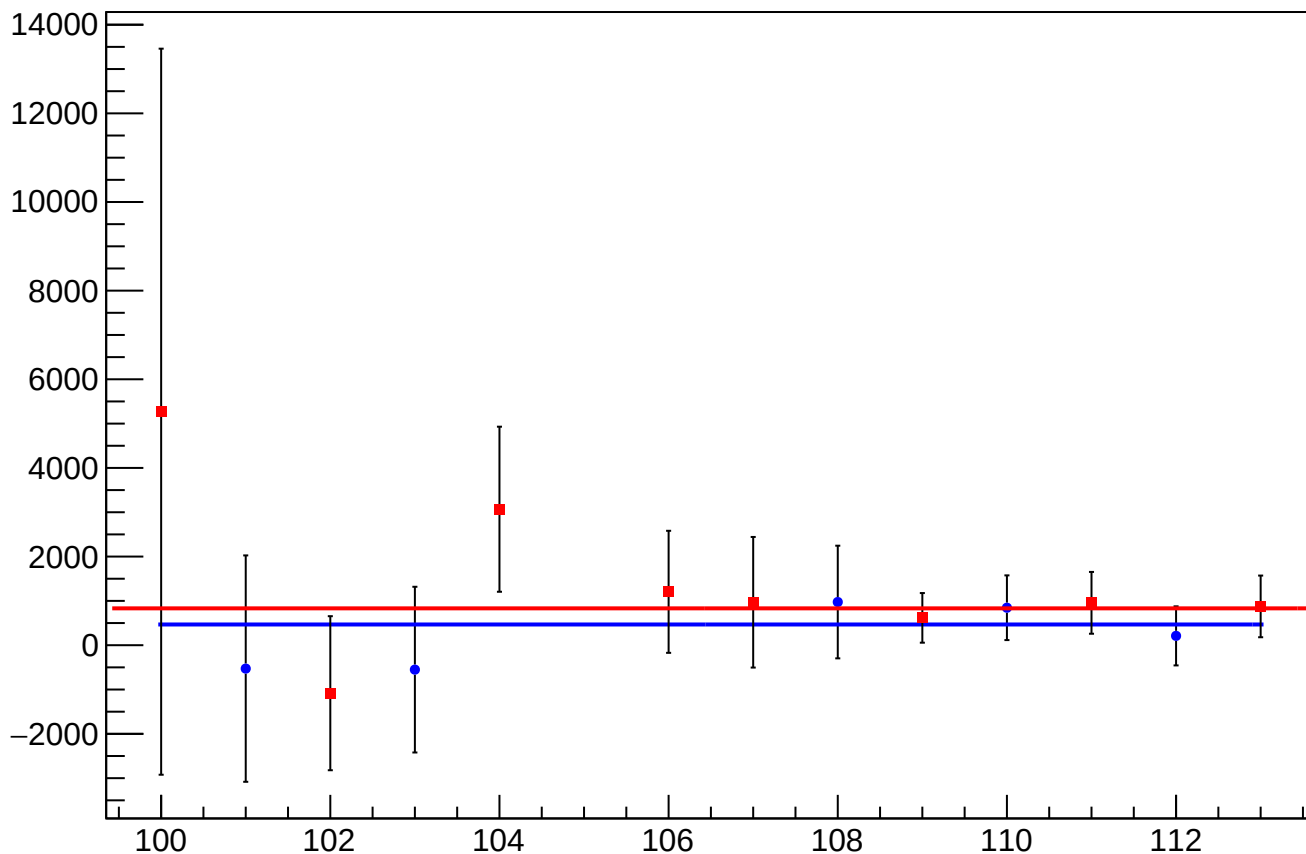
Right: 2861.361+/-0.896 χ^2/NDF : 933043.8/12

In: 2902.697+/-1.396 χ^2/NDF : 734353.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2861.361+/-0.896 χ^2/NDF : 933043.8/12

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: 831.450+/-334.568 χ^2/NDF : 3.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

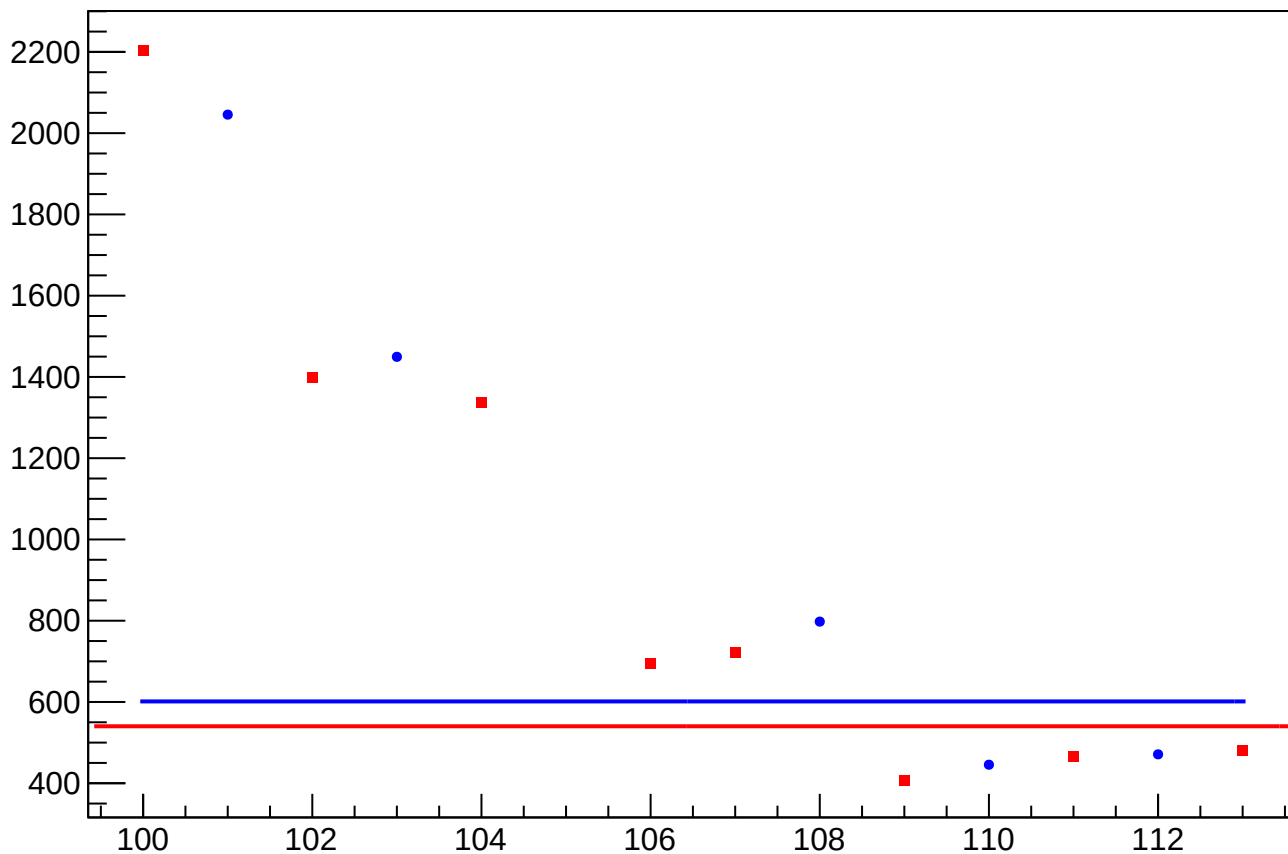
Right: 697.771+/-266.113 χ^2/NDF : 4.7/12

In: 467.549+/-439.063 χ^2/NDF : 1.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 697.771+/-266.113 χ^2/NDF : 4.7/12

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: 540.196+/-0.237 χ^2/NDF : 1143195.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

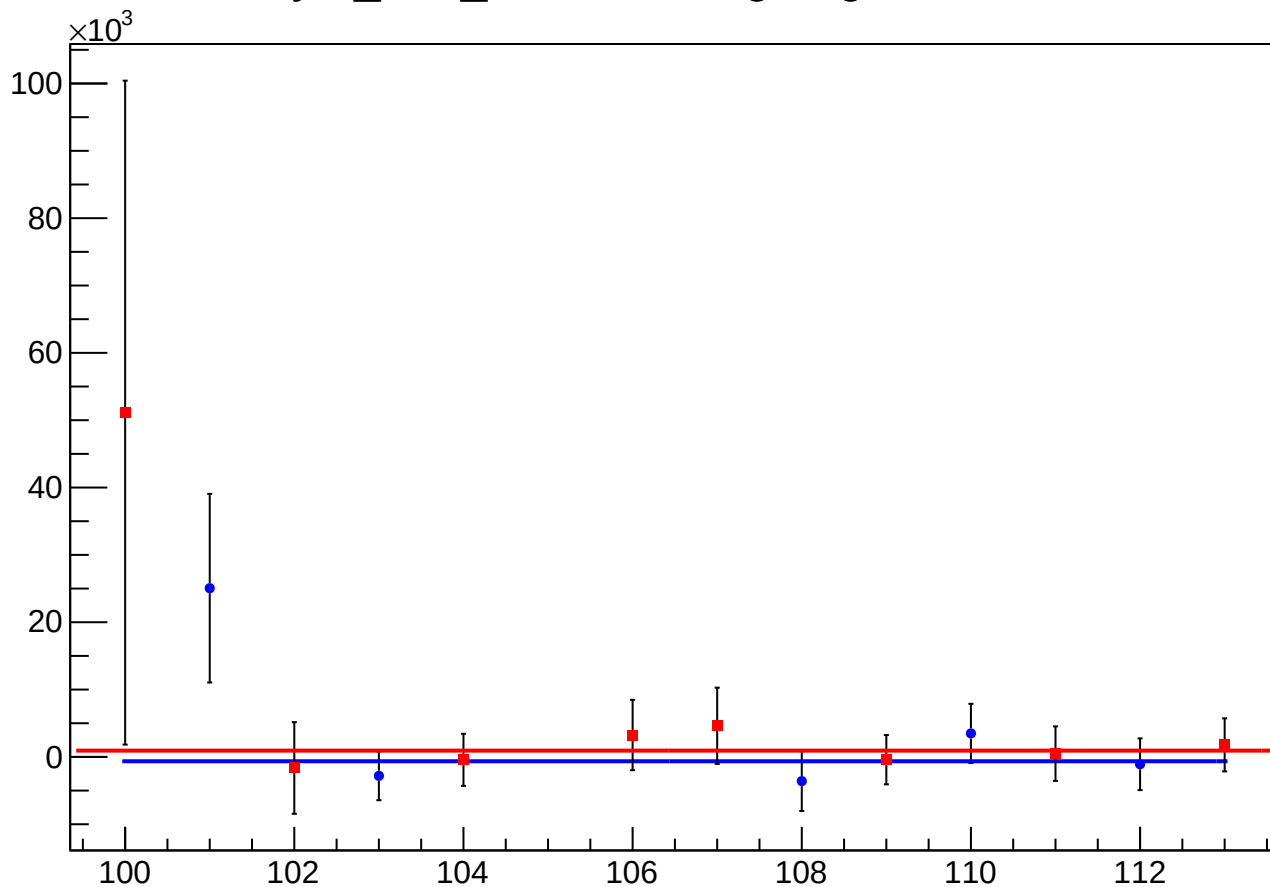
Right: 562.669+/-0.188 χ^2/NDF : 2434245.2/12

In: 601.373+/-0.310 χ^2/NDF : 1266485.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 562.669+/-0.188 χ^2/NDF : 2434245.2/12

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: 936.204+/-1674.031 χ^2/NDF : 2.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

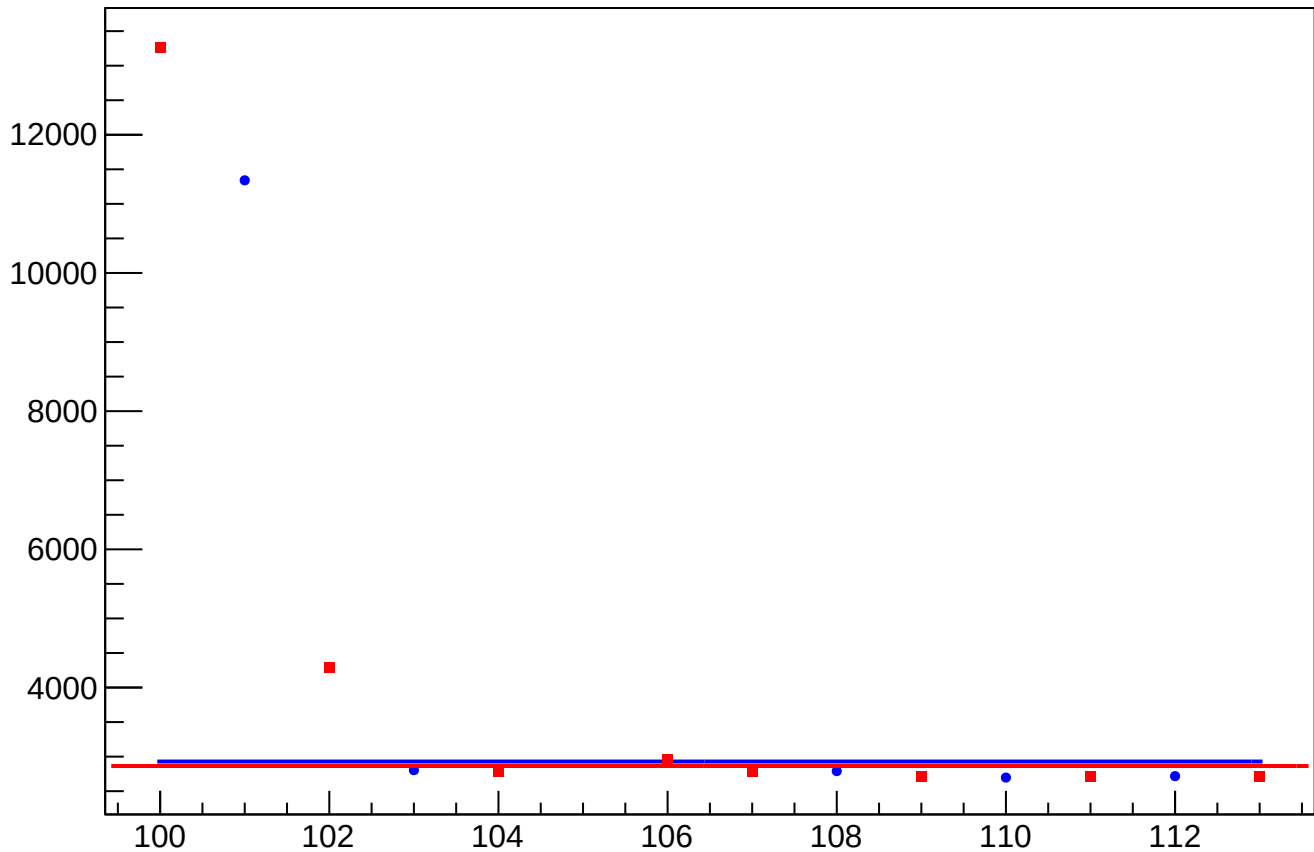
Right: 282.459+/-1281.877 χ^2/NDF : 7.6/12

In: -644.270+/-1993.131 χ^2/NDF : 5.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 282.459+/-1281.877 χ^2/NDF : 7.6/12

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: 2864.349+/-1.184 χ^2/NDF : 188671.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

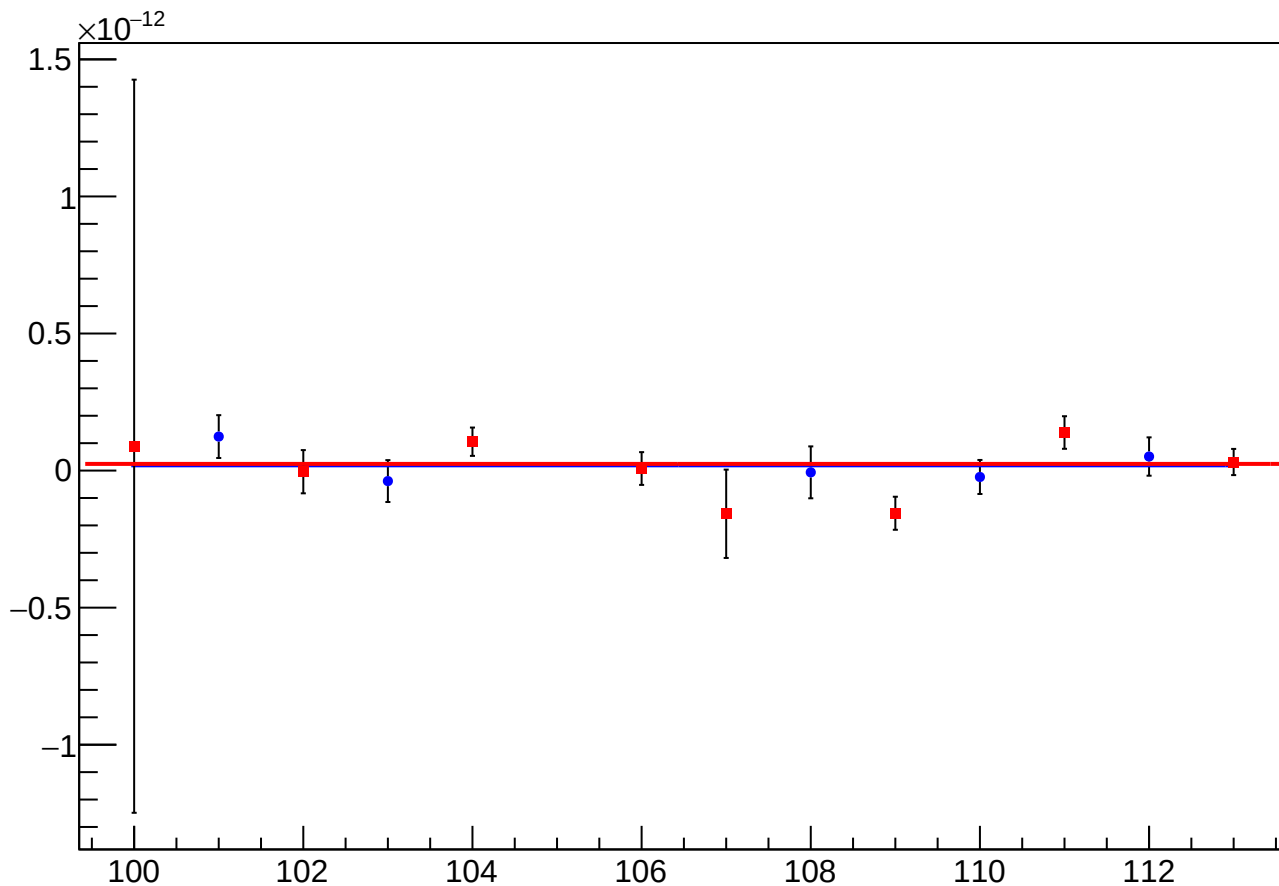
Right: 2891.121+/-0.906 χ^2/NDF : 927315.8/12

In: 2929.072+/-1.409 χ^2/NDF : 737407.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2891.121+/-0.906 χ^2/NDF : 927315.8/12

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 : 16.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

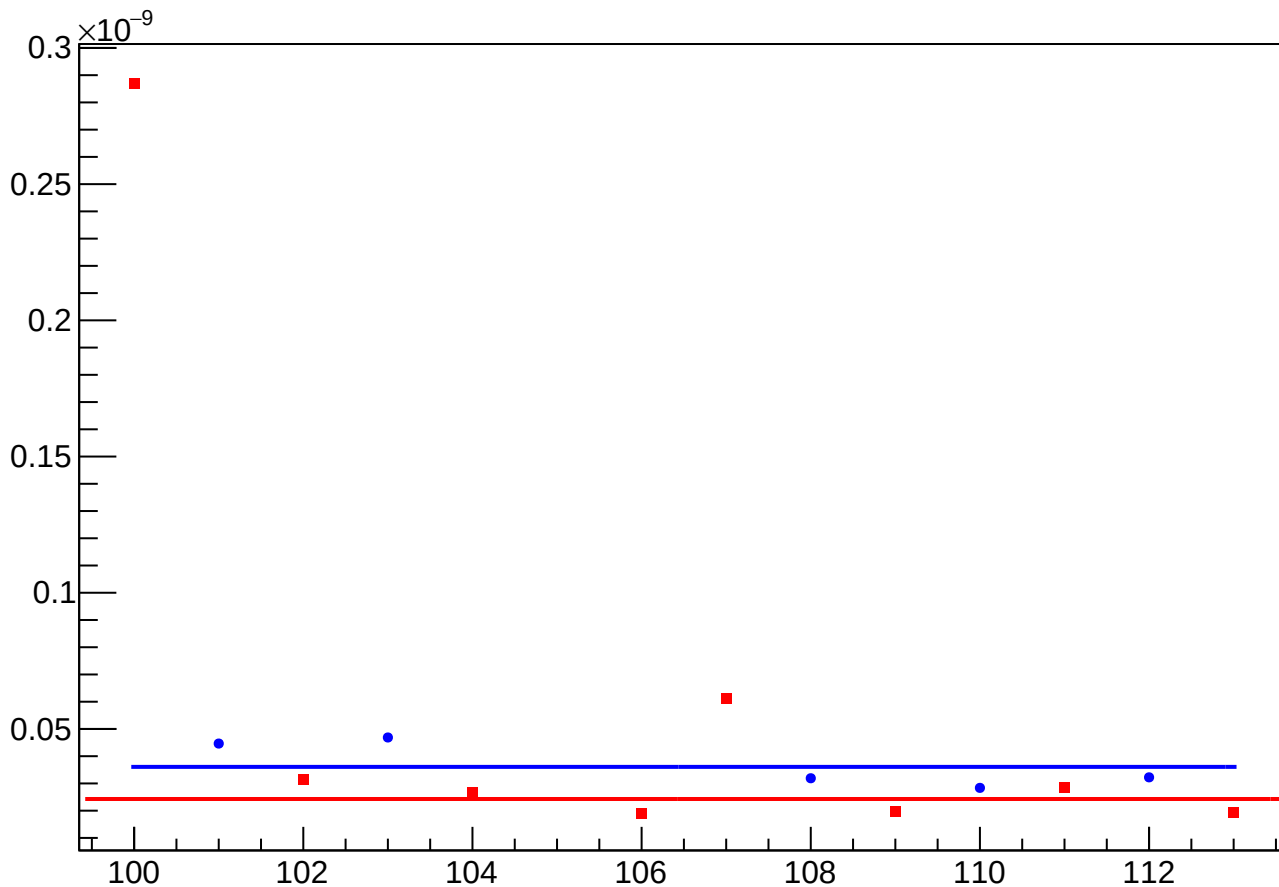
Right: 0.000+/-0.000 χ^2/NDF : 19.7/12

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 : 19.7/12

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 : 261877.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

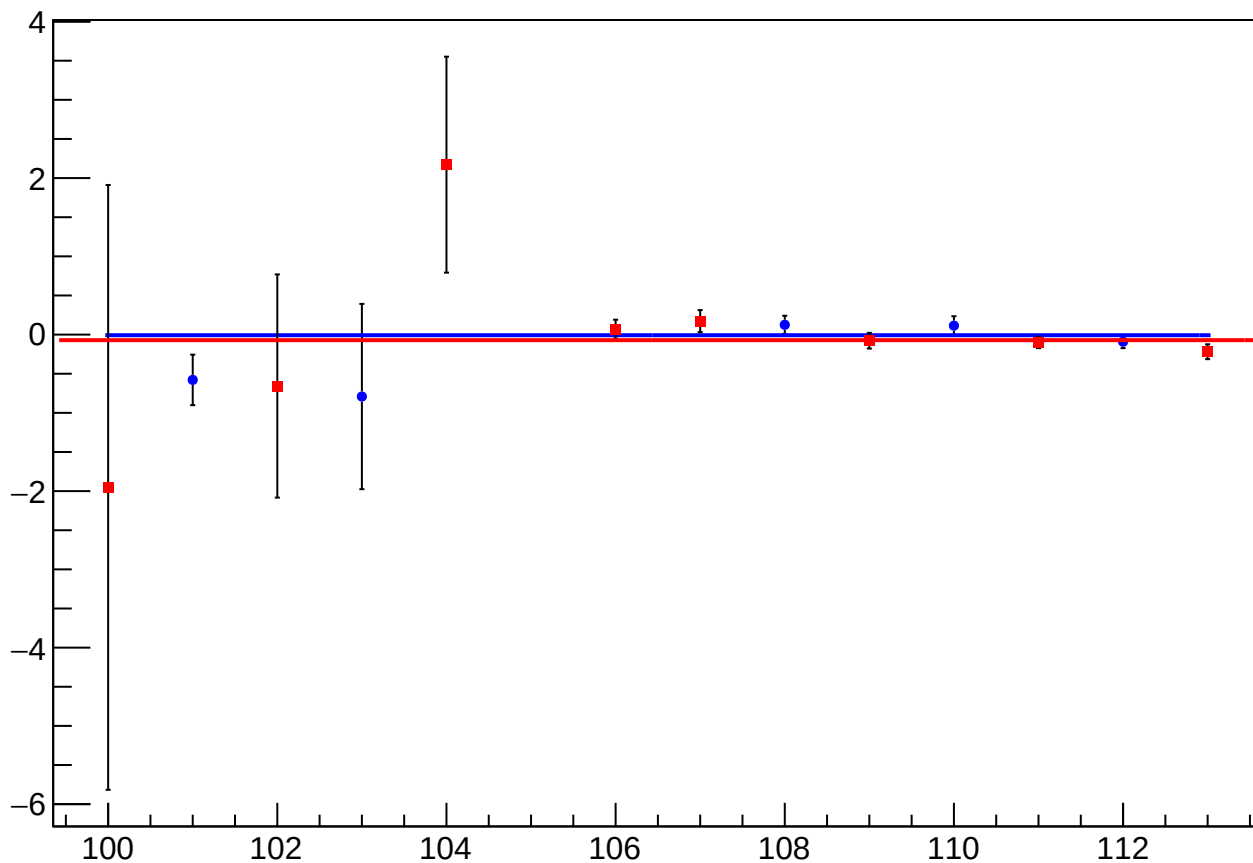
Right: 0.000+/-0.000 χ^2/NDF : 536319.8/12

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 : 536319.8/12

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: -0.071 ± 0.044 χ^2/NDF : 10.0/7

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

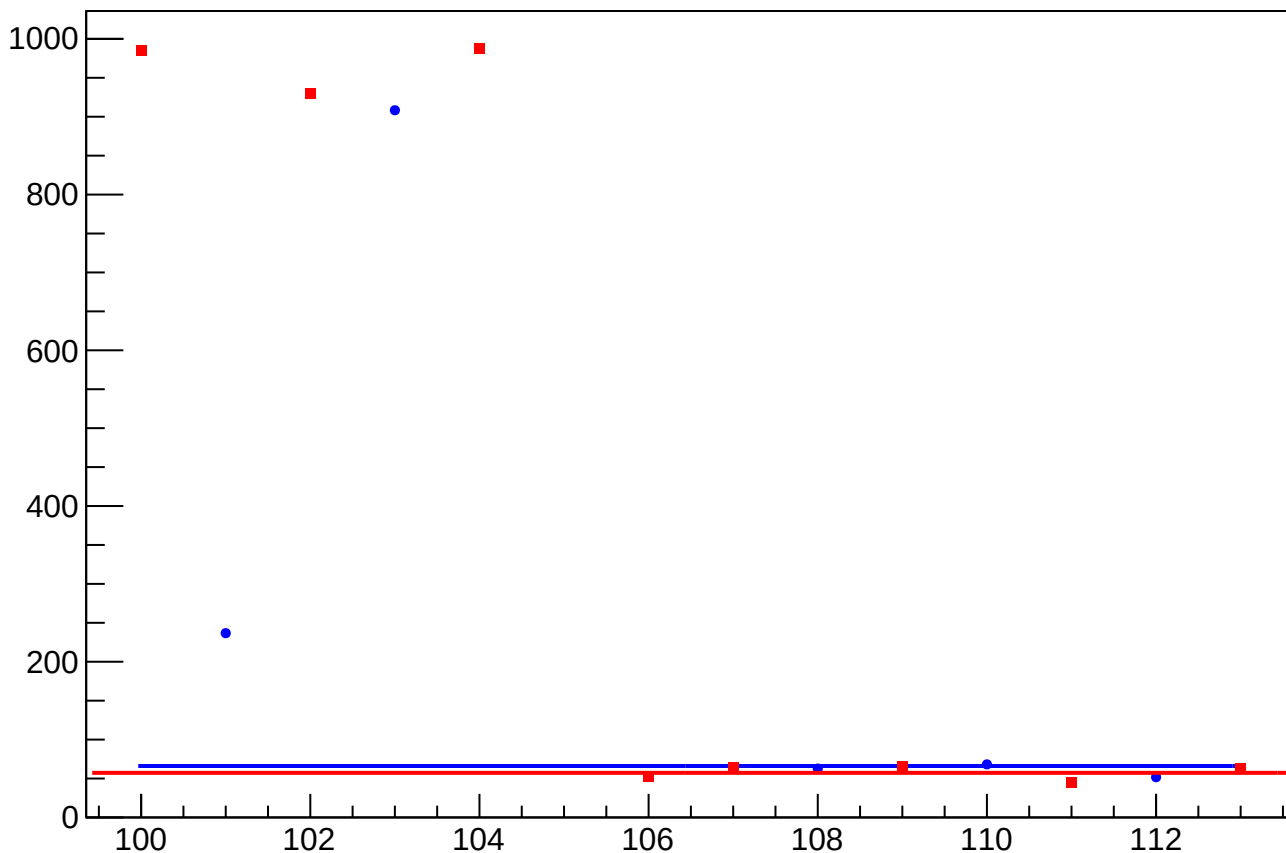
Right: -0.048 ± 0.035 χ^2/NDF : 17.7/12

In: -0.008 ± 0.058 χ^2/NDF : 6.9/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.048 ± 0.035 χ^2/NDF : 17.7/12

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: 57.307+/-0.031 χ^2/NDF : 1865075.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

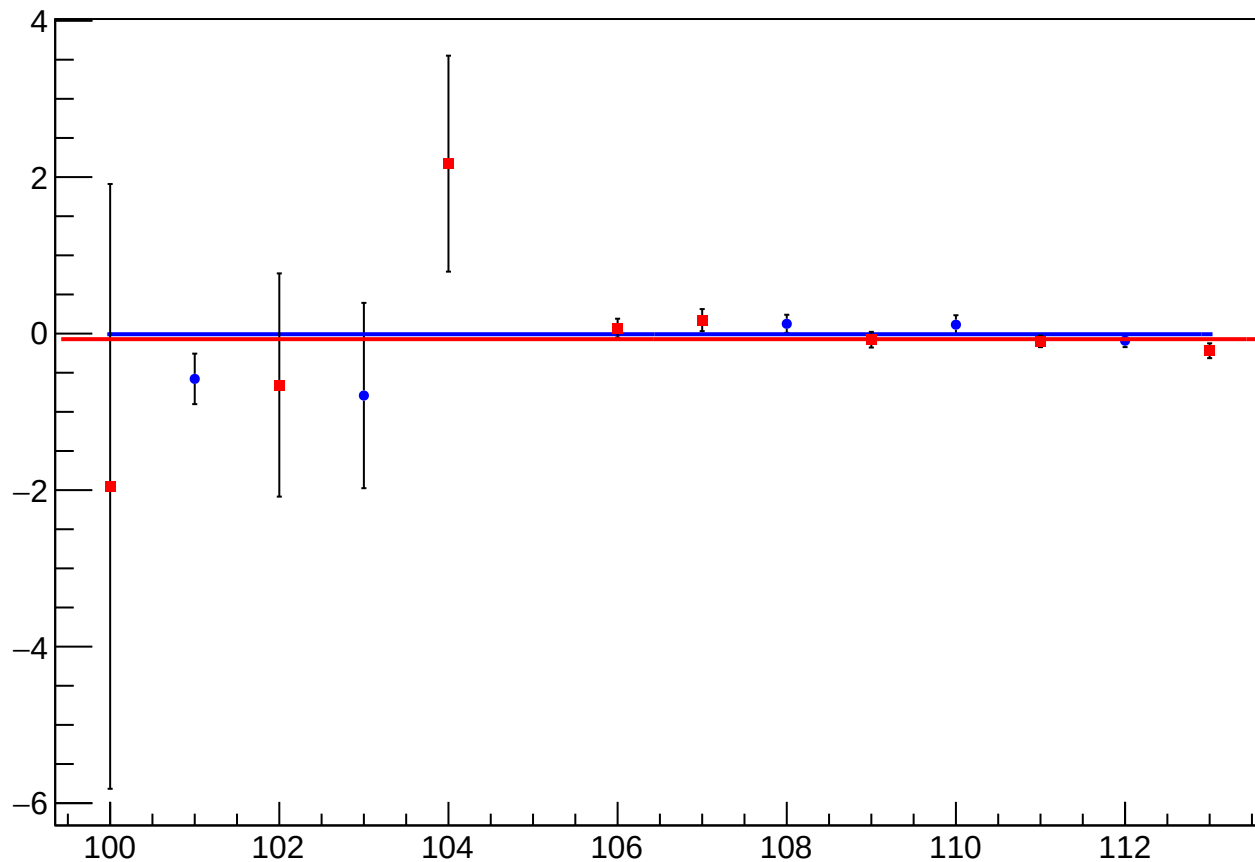
Right: 60.549+/-0.025 χ^2/NDF : 3529388.3/12

In: 66.102+/-0.041 χ^2/NDF : 1634781.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.549+/-0.025 χ^2/NDF : 3529388.3/12

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: -0.071+/-0.044 χ^2/NDF : 10.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

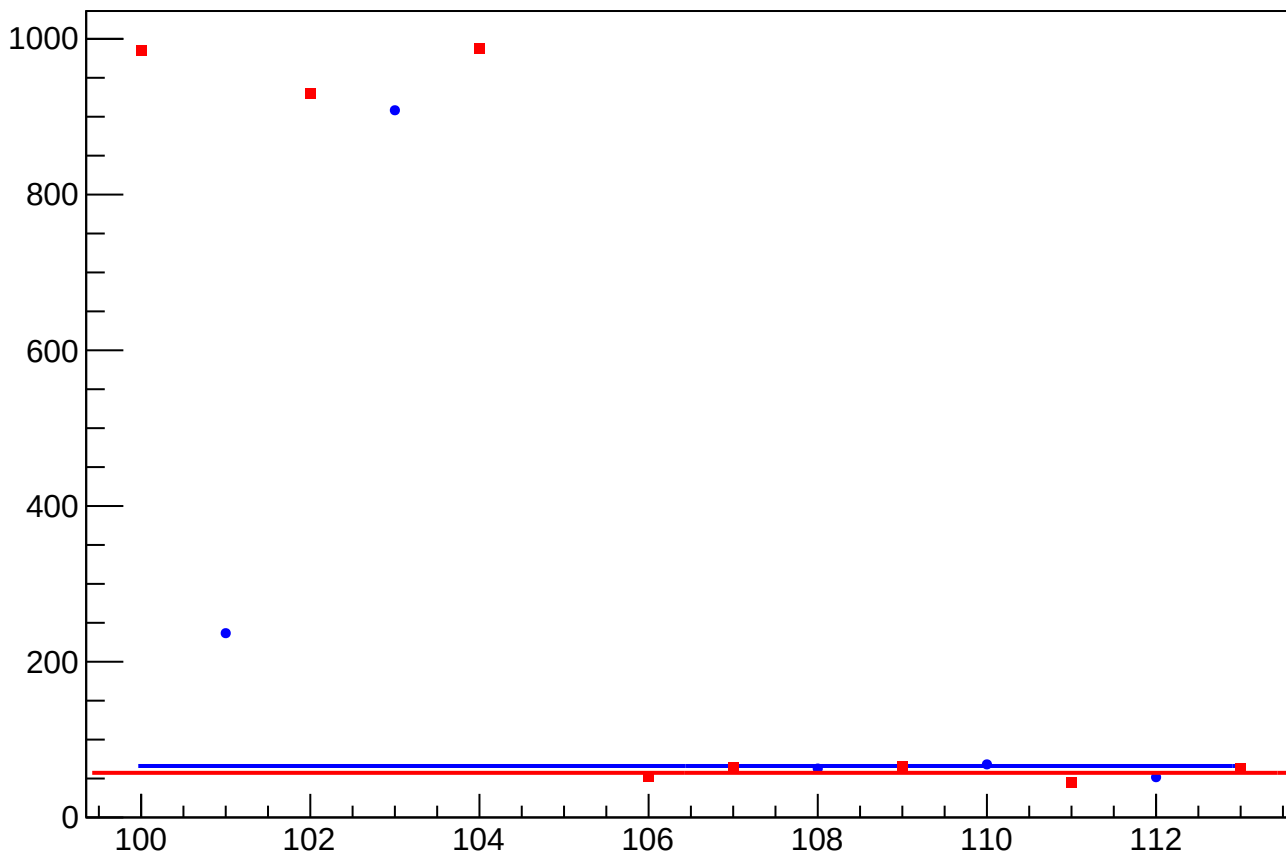
Right: -0.048+/-0.035 χ^2/NDF : 17.7/12

In: -0.008+/-0.058 χ^2/NDF : 6.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.048+/-0.035 χ^2/NDF : 17.7/12

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: 57.307+/-0.031 χ^2/NDF : 1865075.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

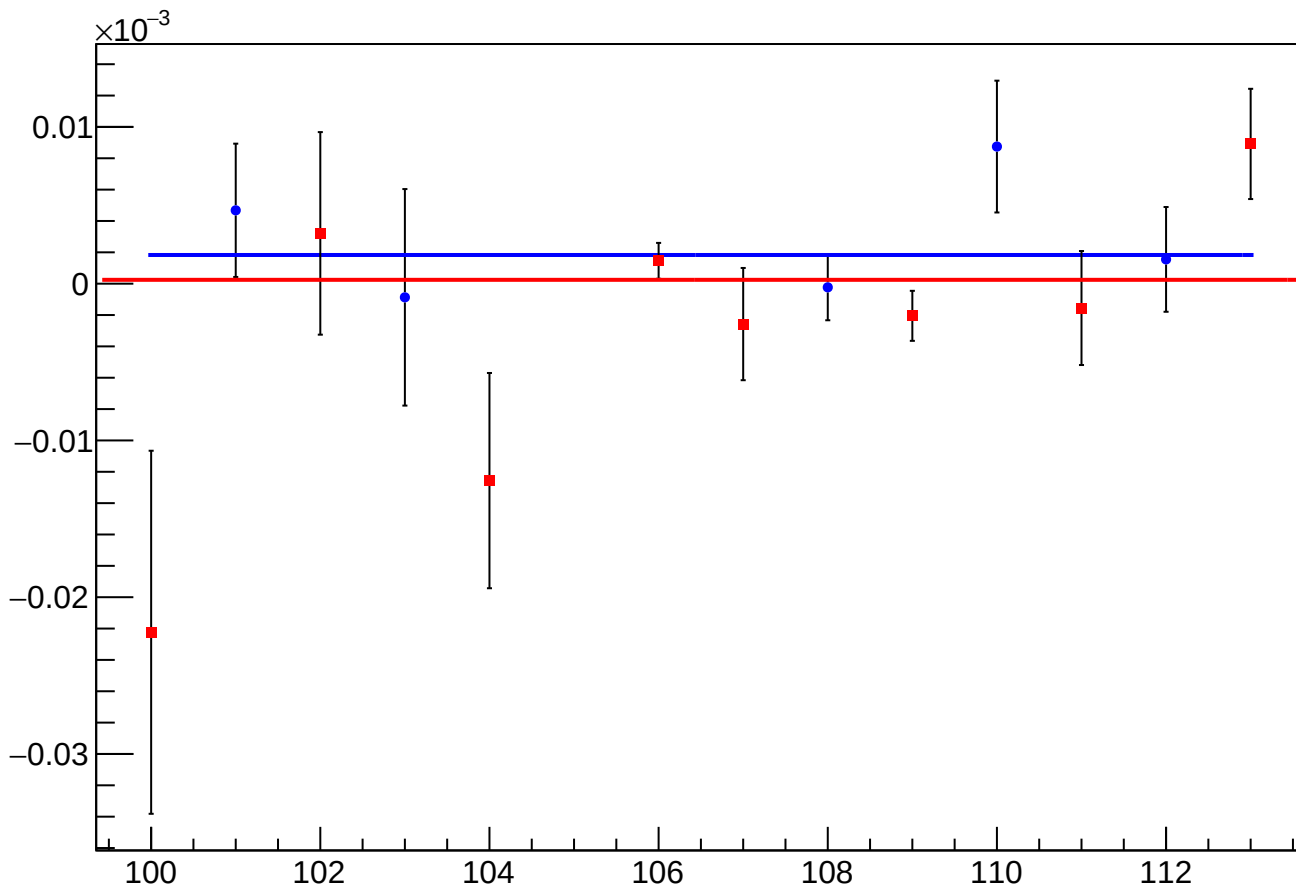
Right: 60.549+/-0.025 χ^2/NDF : 3529388.3/12

In: 66.102+/-0.041 χ^2/NDF : 1634781.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.549+/-0.025 χ^2/NDF : 3529388.3/12

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 : 17.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

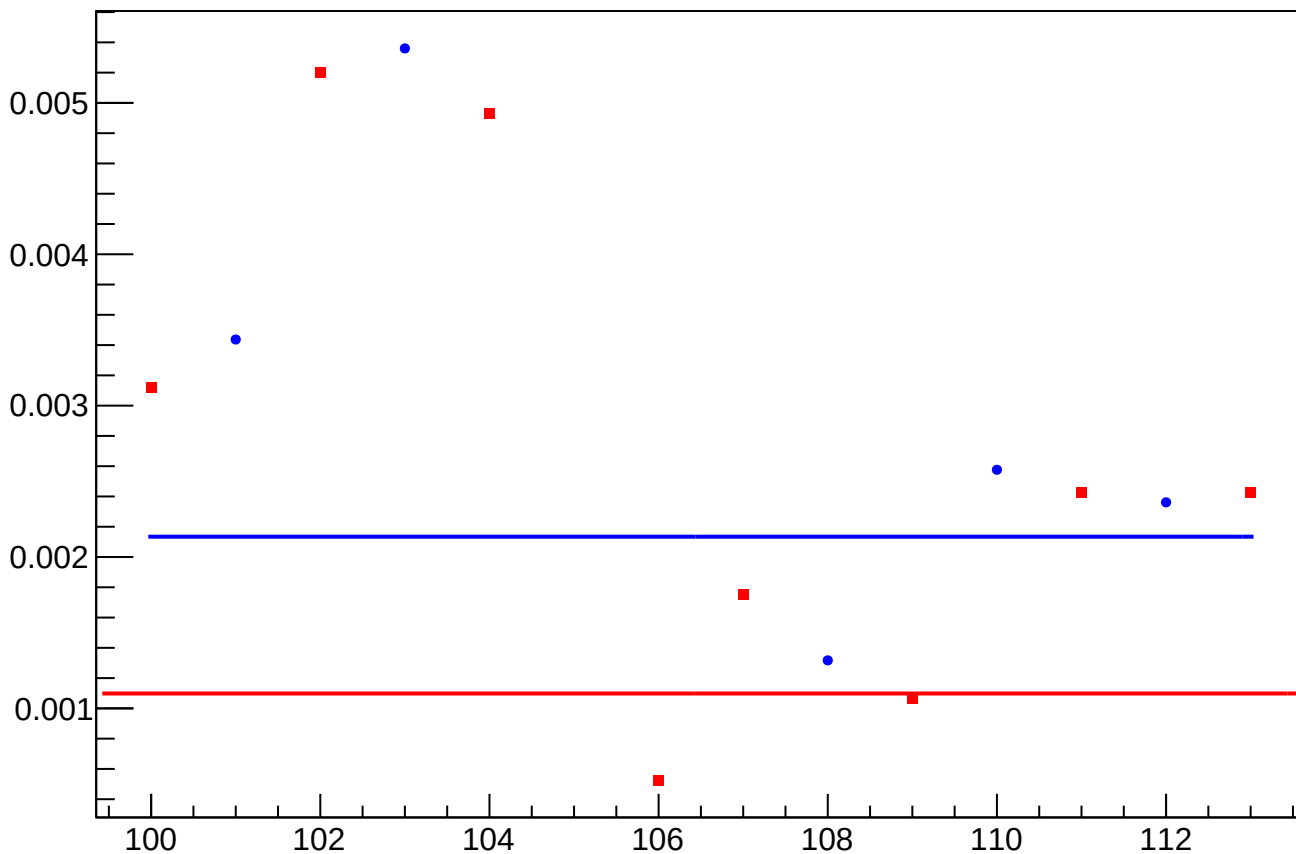
Right: 0.000+/-0.000 χ^2/NDF : 22.7/12

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 : 22.7/12

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 : 2616364.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

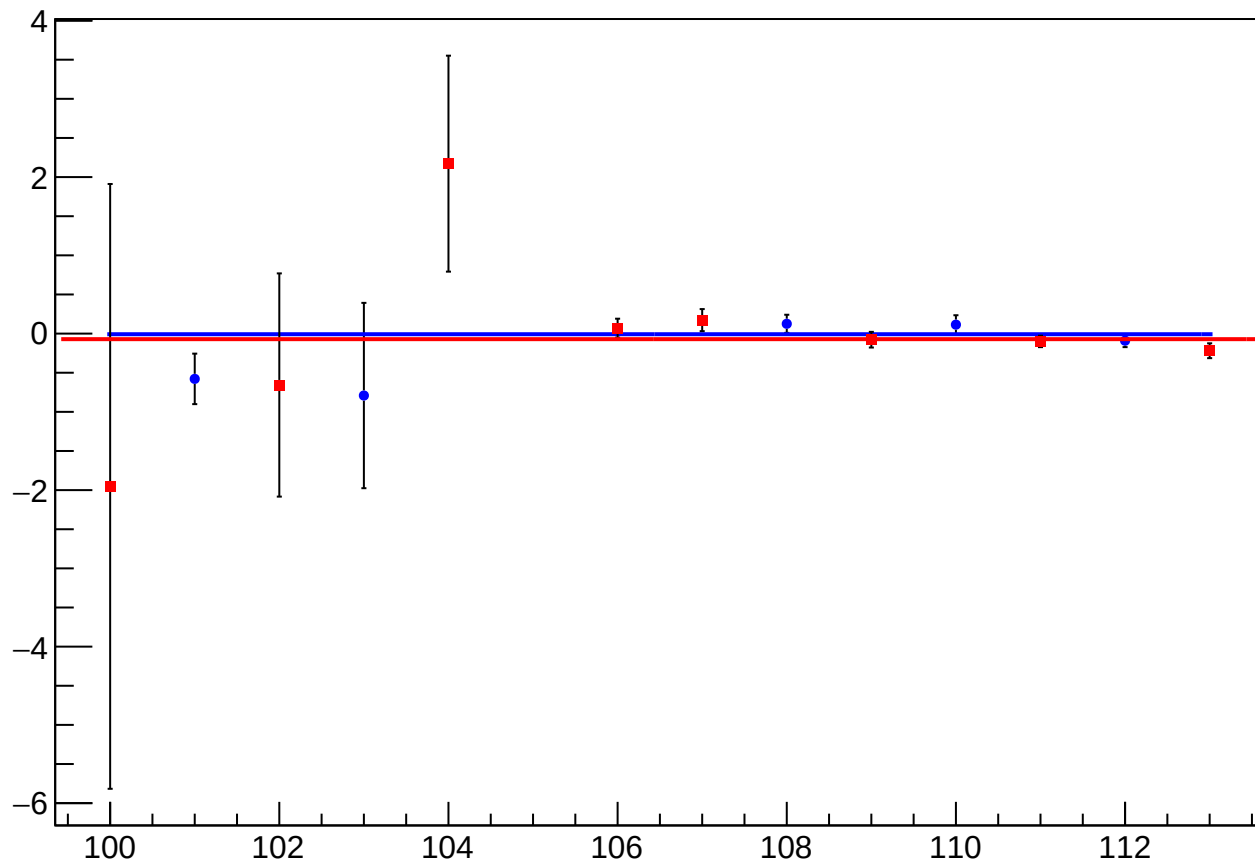
Right: 0.001+/-0.000 χ^2/NDF : 4309194.3/12

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 : 4309194.3/12

asym_atr1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 $\pm$ 0.058 χ^2 /NDF: 6.9/4

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

Right Out: -0.071 $\pm$ 0.044 χ^2 /NDF: 10.0/7

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

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

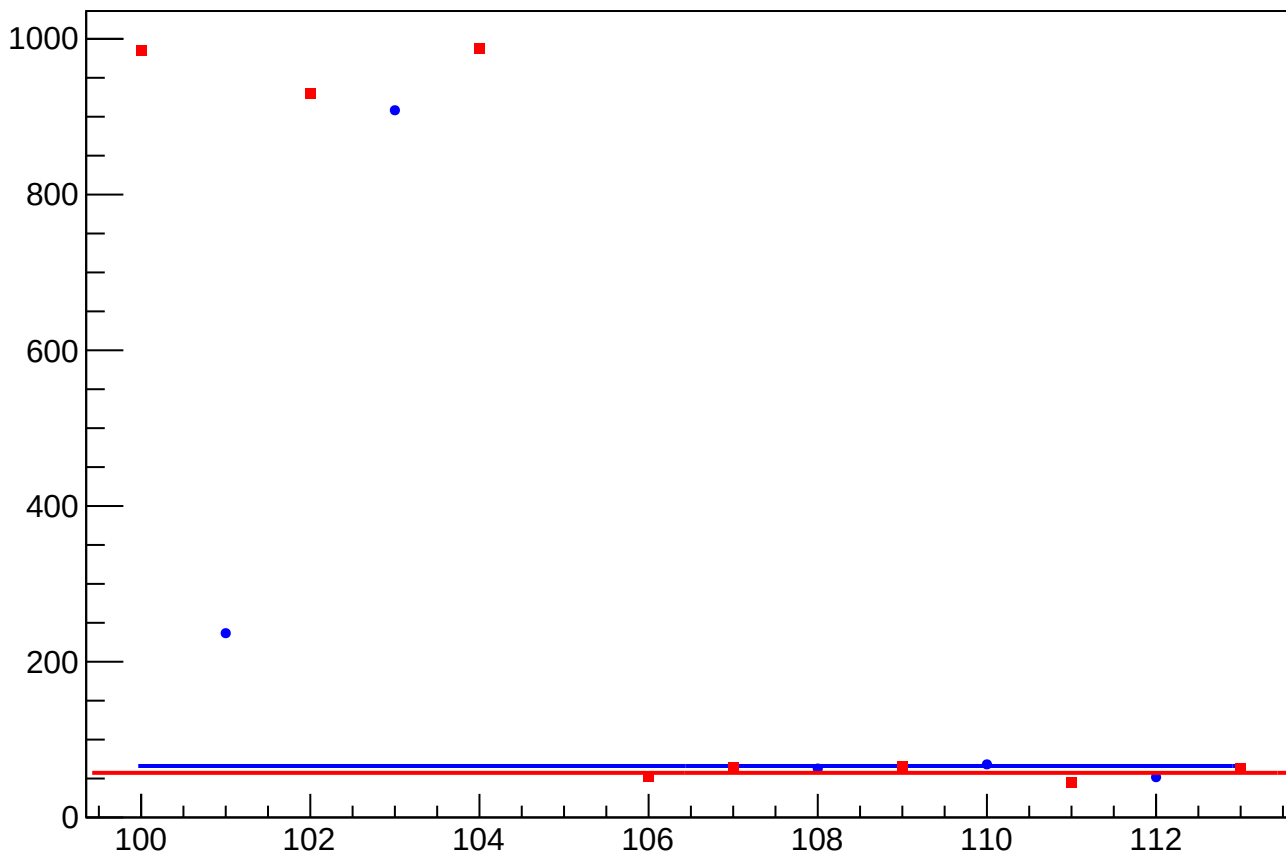
Right: -0.048 $\pm$ 0.035 χ^2 /NDF: 17.7/12

In: -0.008 $\pm$ 0.058 χ^2 /NDF:6.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.048 $\pm$ 0.035 χ^2 /NDF: 17.7/12

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: 57.307+/-0.031 χ^2/NDF : 1865075.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

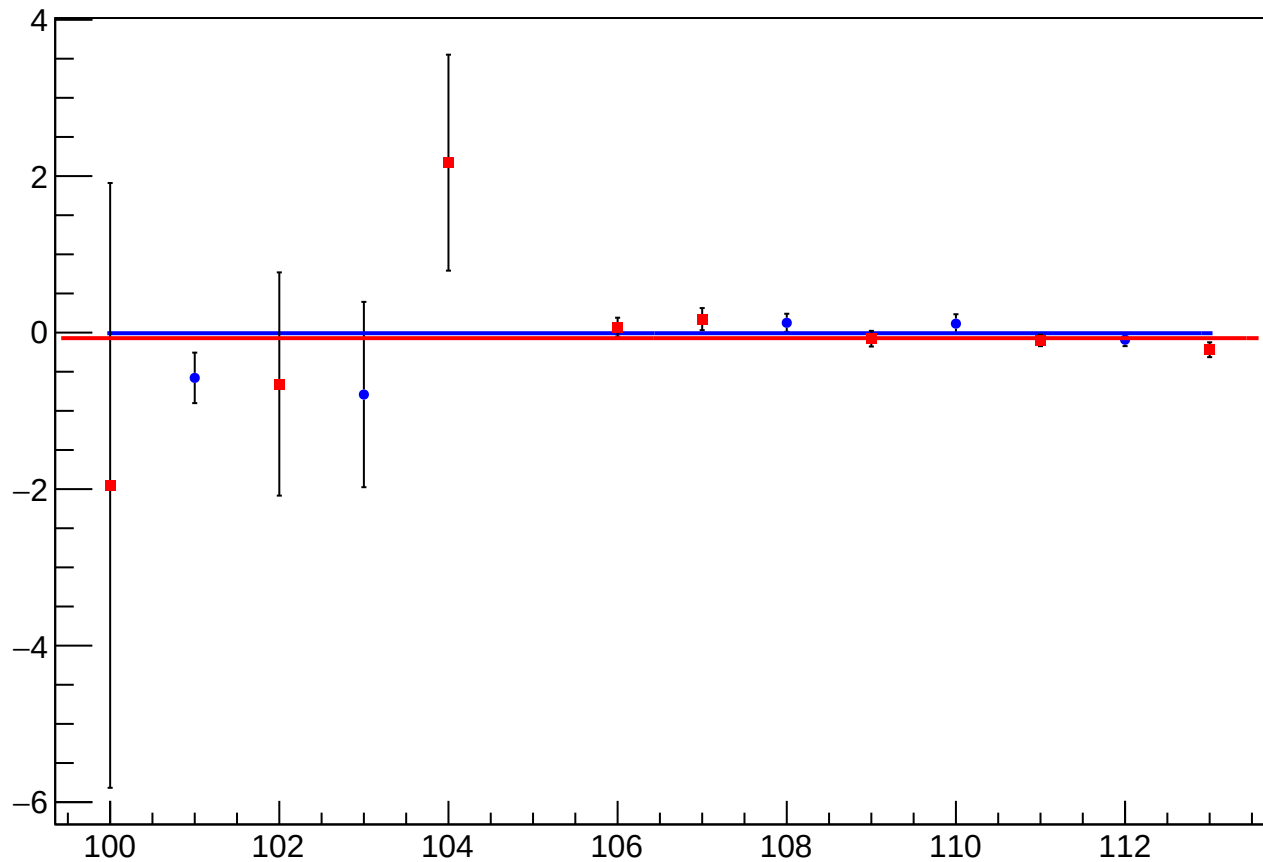
Right: 60.549+/-0.025 χ^2/NDF : 3529394.2/12

In: 66.102+/-0.041 χ^2/NDF : 1634784.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.549+/-0.025 χ^2/NDF : 3529394.2/12

asym_atr1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 $\pm$ 0.058 χ^2 /NDF: 6.9/4

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

Right Out: -0.071 $\pm$ 0.044 χ^2 /NDF: 10.0/7

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

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

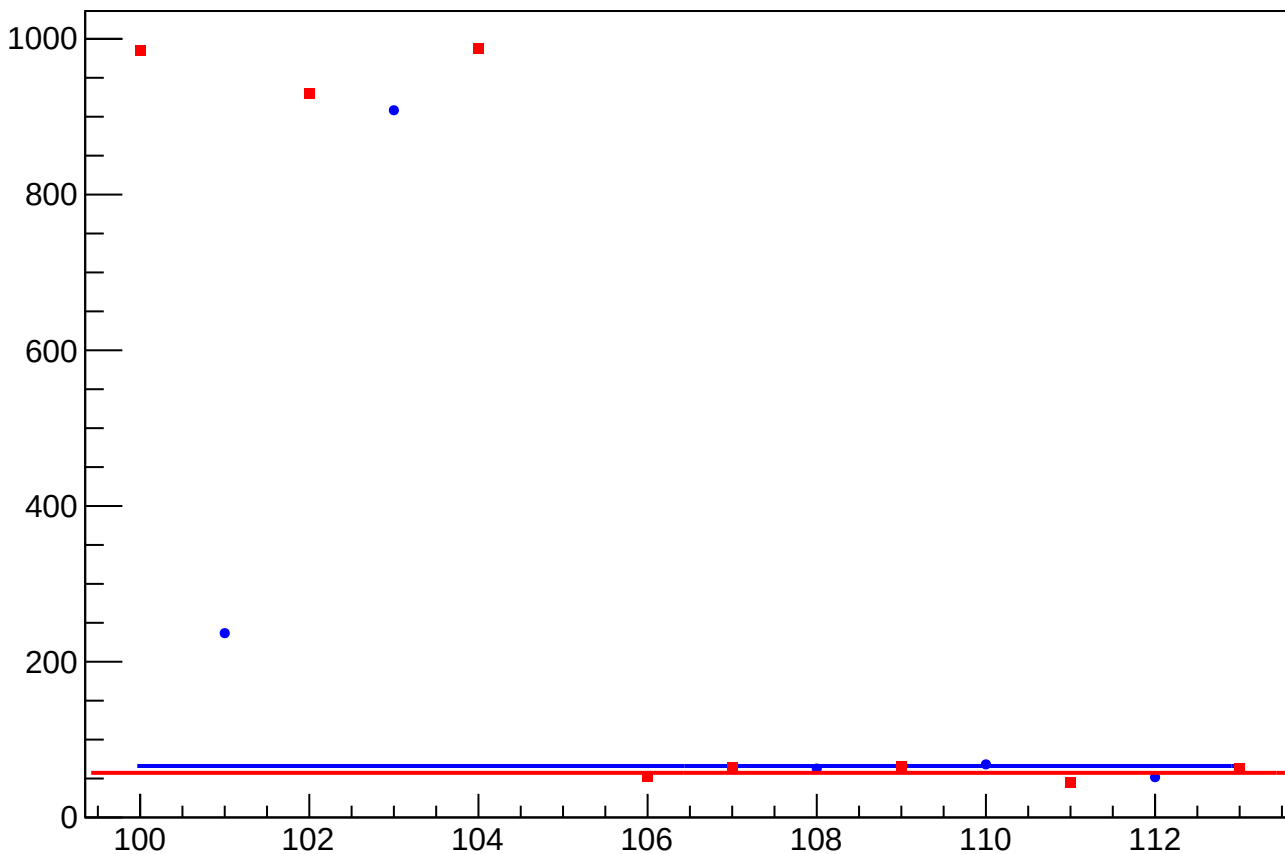
Right: -0.048 $\pm$ 0.035 χ^2 /NDF: 17.7/12

In: -0.008 $\pm$ 0.058 χ^2 /NDF:6.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.048 $\pm$ 0.035 χ^2 /NDF: 17.7/12

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: 57.307+/-0.031 χ^2/NDF : 1865075.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

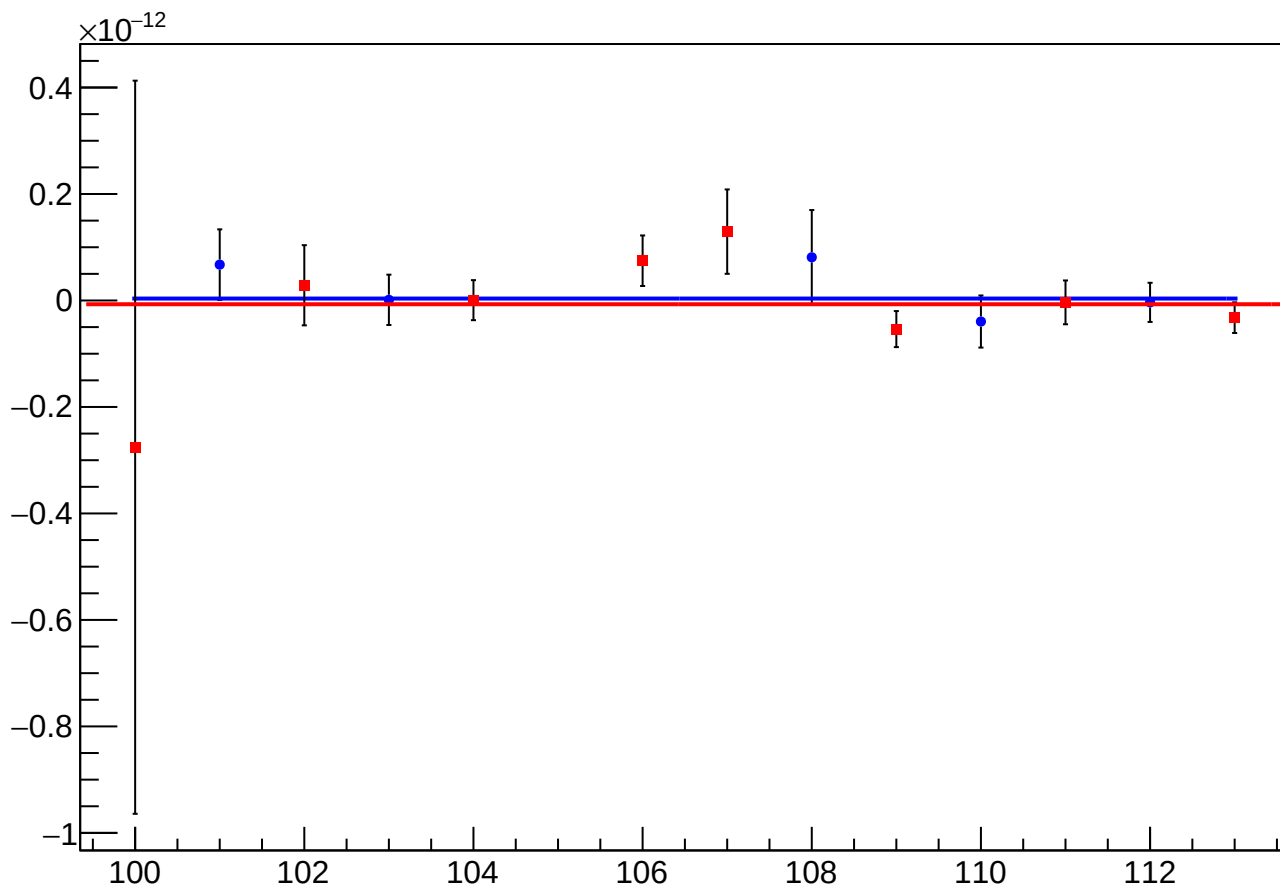
Right: 60.549+/-0.025 χ^2/NDF : 3529394.2/12

In: 66.102+/-0.041 χ^2/NDF : 1634784.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.549+/-0.025 χ^2/NDF : 3529394.2/12

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 : 9.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

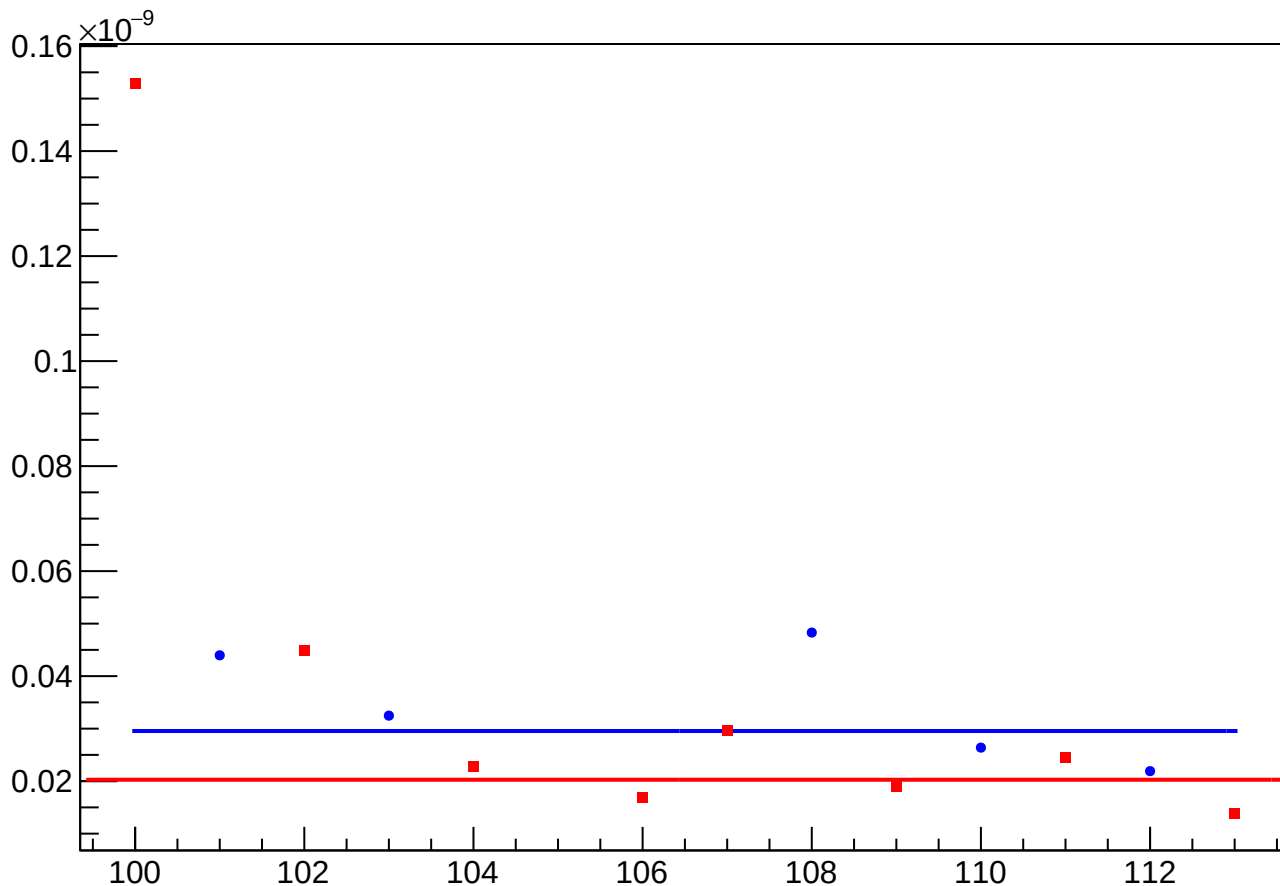
Right: -0.000+/-0.000 χ^2/NDF : 11.7/12

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 : 11.7/12

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 : 461502.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

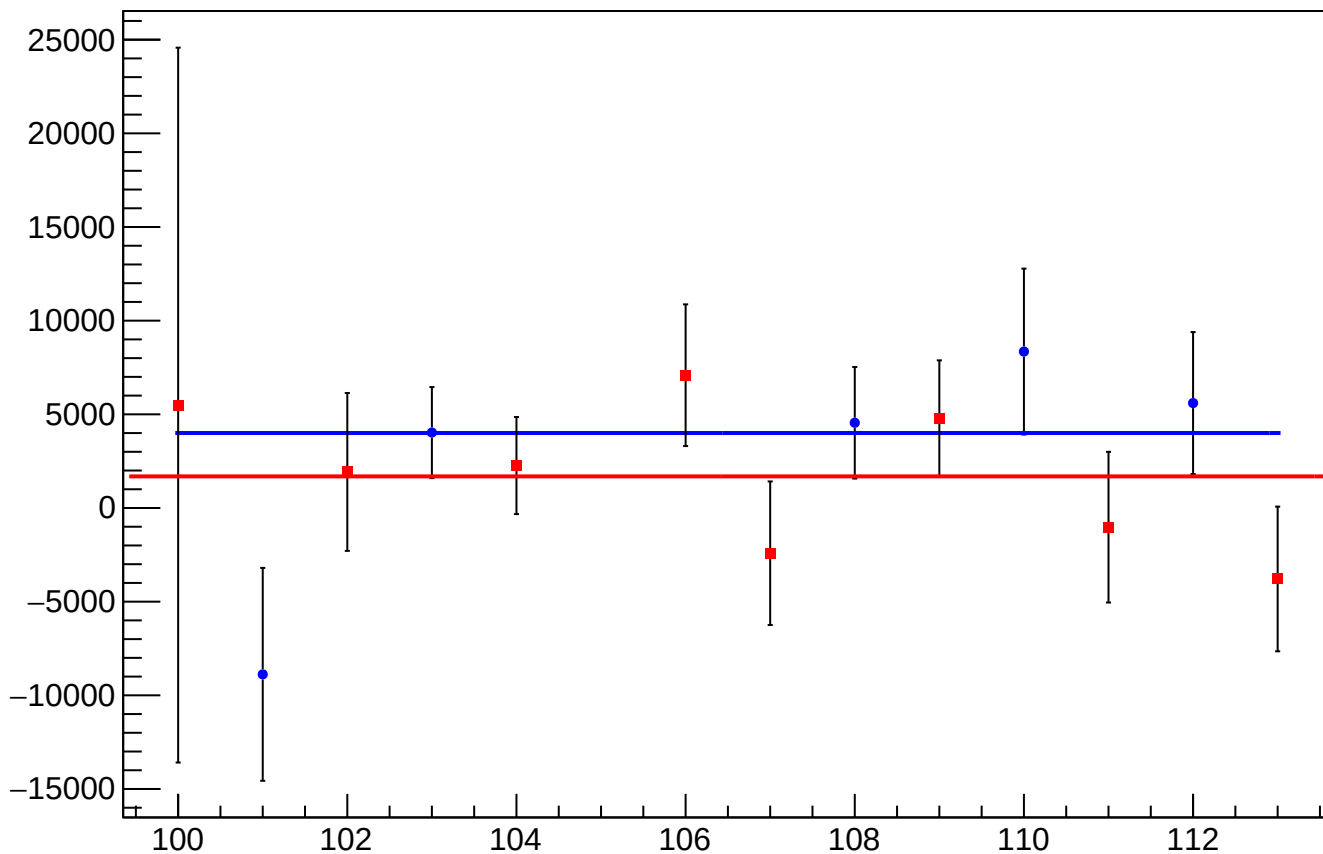
Right: 0.000+/-0.000 χ^2/NDF : 977460.2/12

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 : 977460.2/12

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: 1687.659+/-1313.343 χ^2/NDF : 6.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

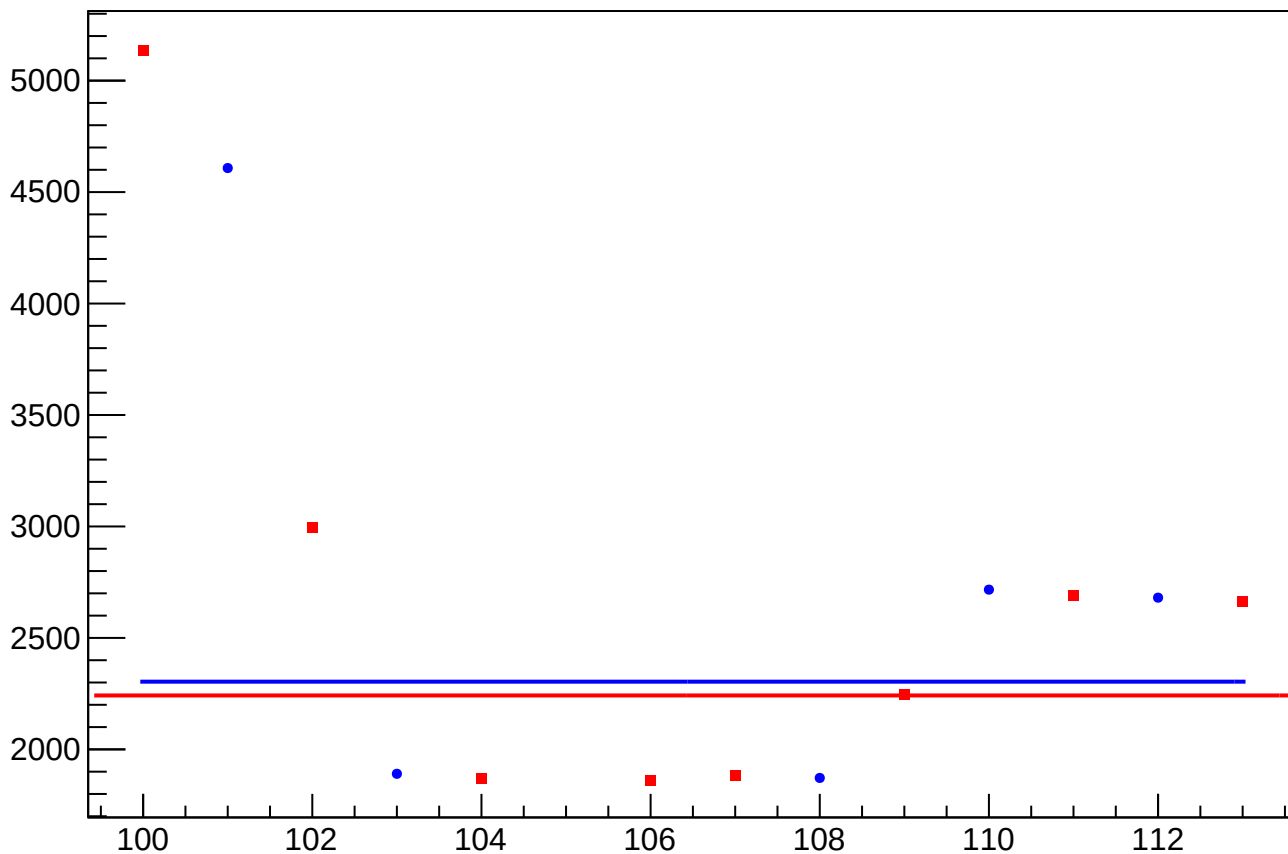
Right: 2678.450+/-993.332 χ^2/NDF : 14.4/12

In: 4002.852+/-1518.438 χ^2/NDF : 6.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2678.450+/-993.332 χ^2/NDF : 14.4/12

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: 2241.934+/-0.929 χ^2/NDF : 238475.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

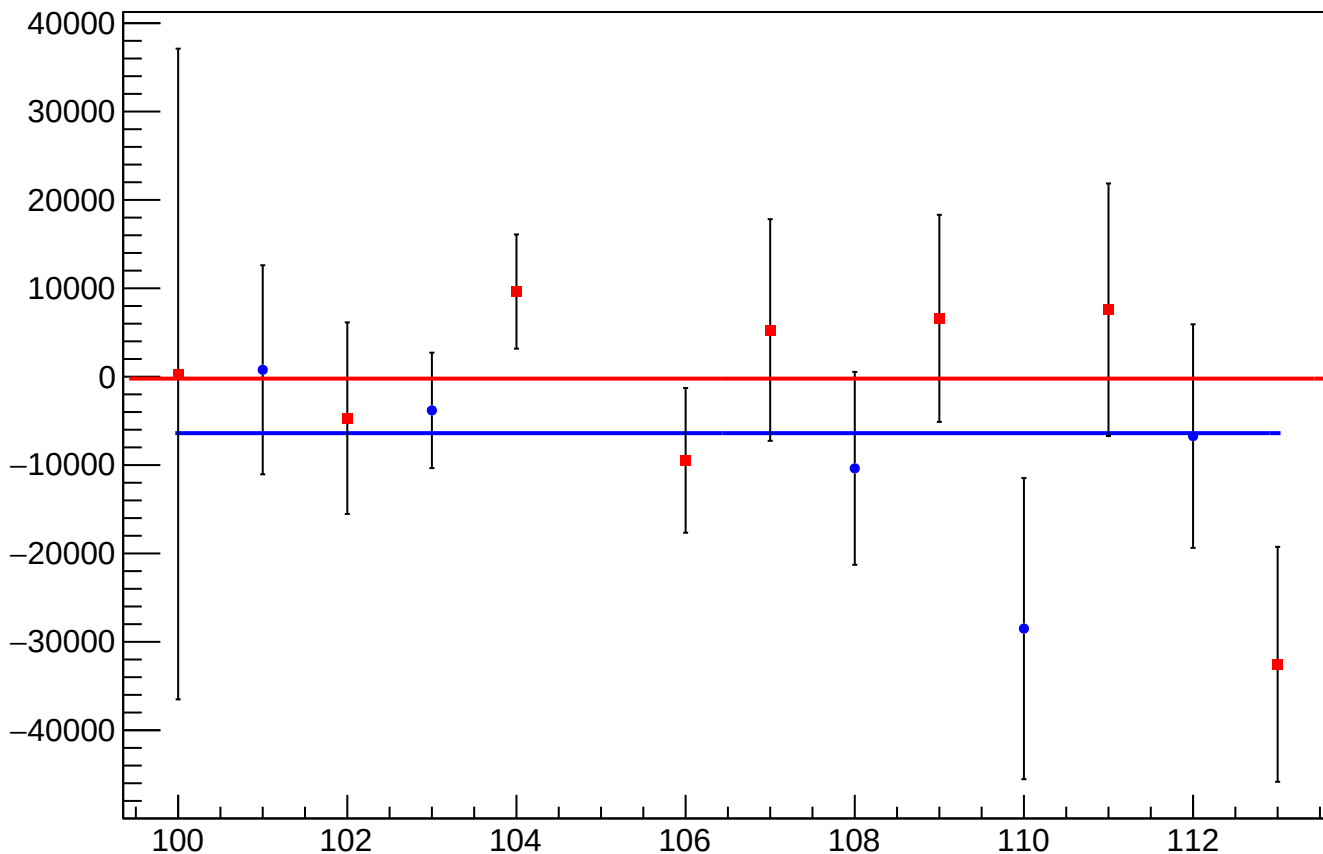
Right: 2268.396+/-0.702 χ^2/NDF : 706211.2/12

In: 2303.767+/-1.074 χ^2/NDF : 465838.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2268.396+/-0.702 χ^2/NDF : 706211.2/12

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: -216.856+/-3718.759 χ^2/NDF : 10.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

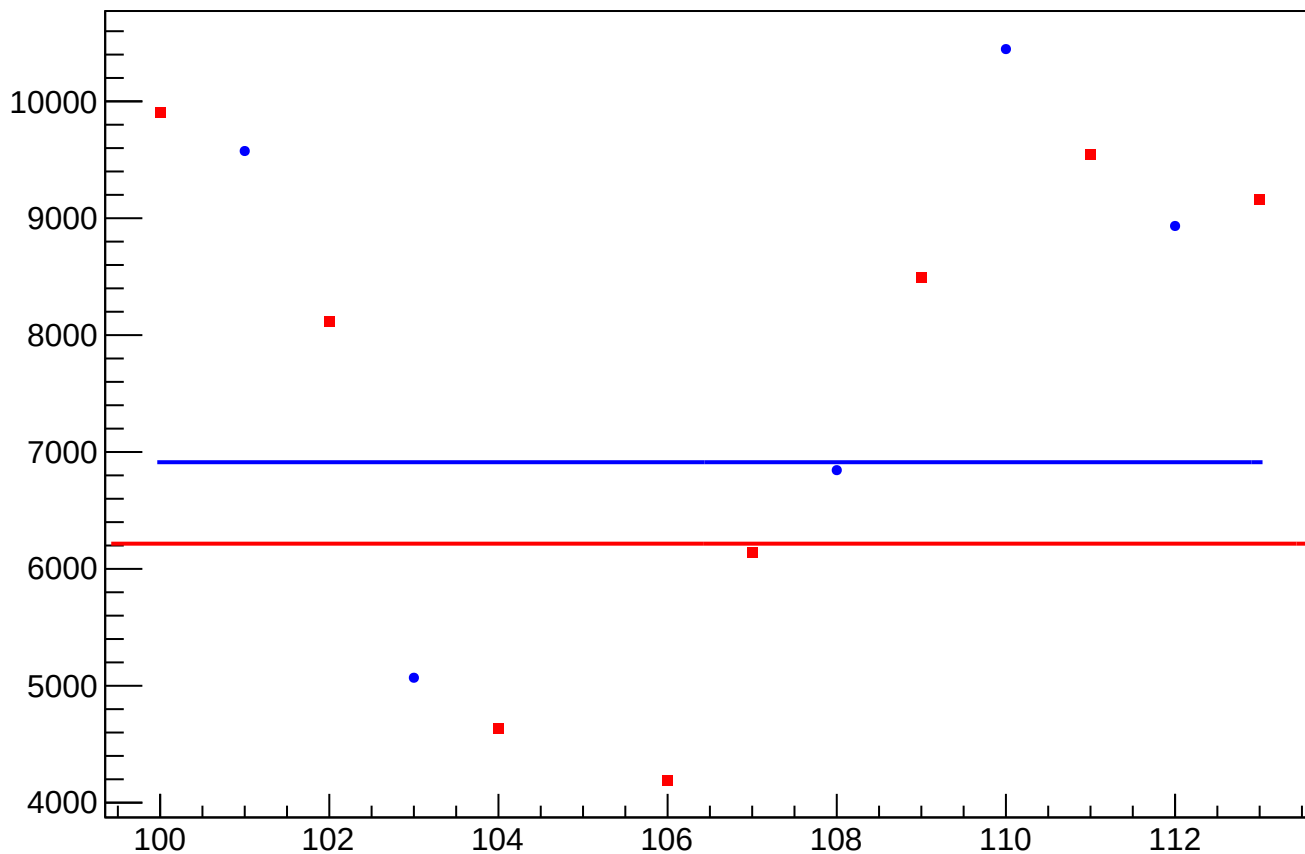
Right: -2700.665+/-2874.552 χ^2/NDF : 14.0/12

In: -6387.947+/-4530.979 χ^2/NDF : 2.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2700.665+/-2874.552 χ^2/NDF : 14.0/12

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: 6215.794+/-2.630 χ^2/NDF : 606564.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

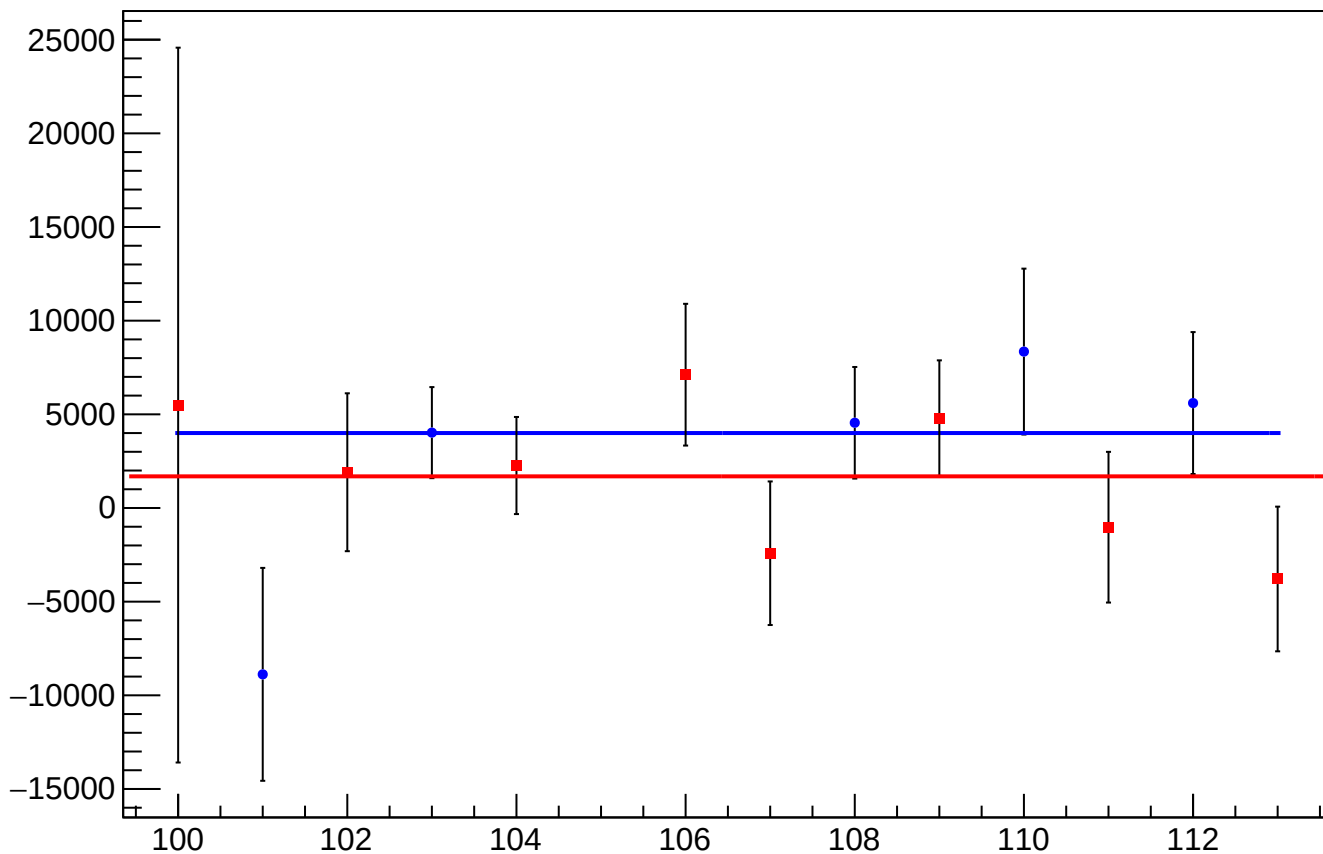
Right: 6496.271+/-2.033 χ^2/NDF : 1032974.2/12

In: 6912.646+/-3.204 χ^2/NDF : 398143.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6496.271+/-2.033 χ^2/NDF : 1032974.2/12

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: 1689.154+/-1313.364 χ^2/NDF : 6.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

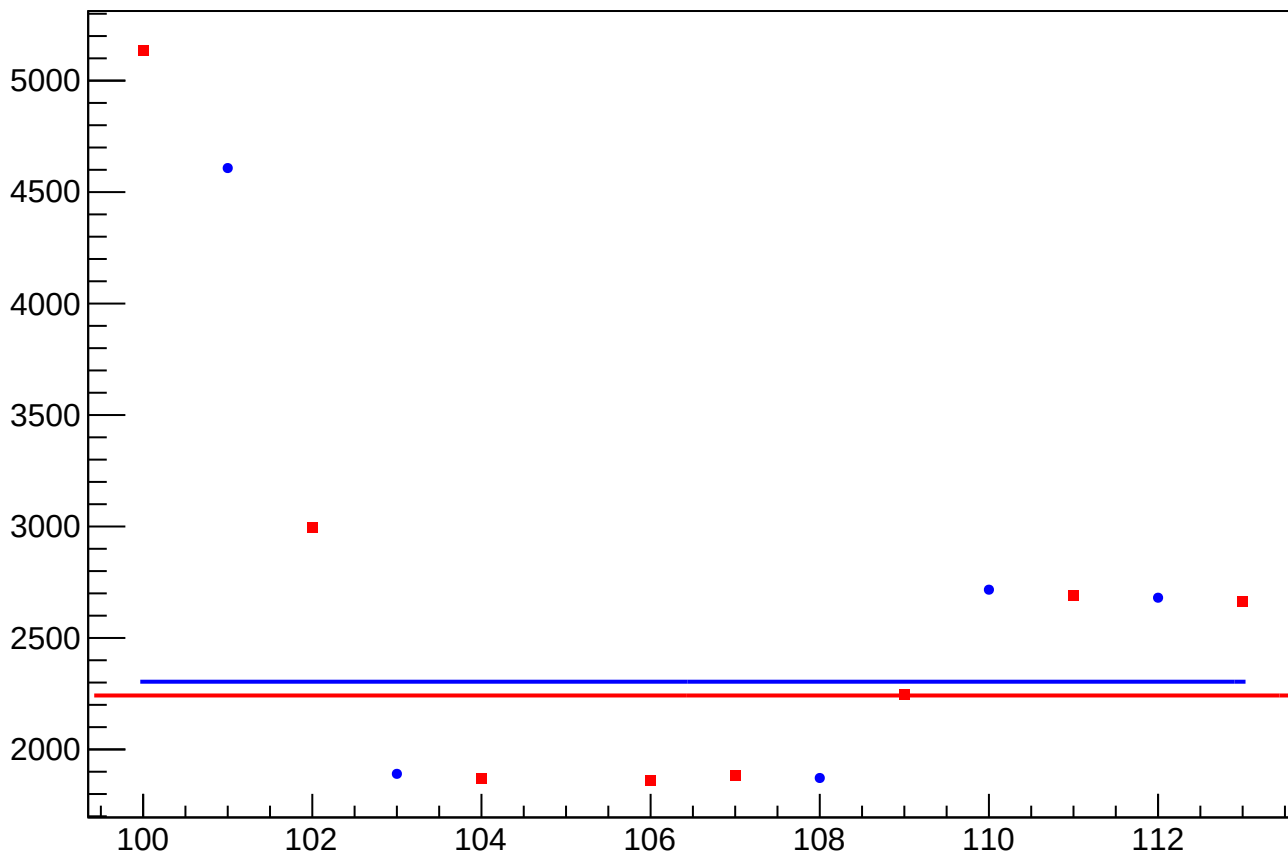
Right: 2678.724+/-993.342 χ^2/NDF : 14.4/12

In: 4001.453+/-1518.439 χ^2/NDF : 6.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2678.724+/-993.342 χ^2/NDF : 14.4/12

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: 2241.977+/-0.929 χ^2/NDF : 238443.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

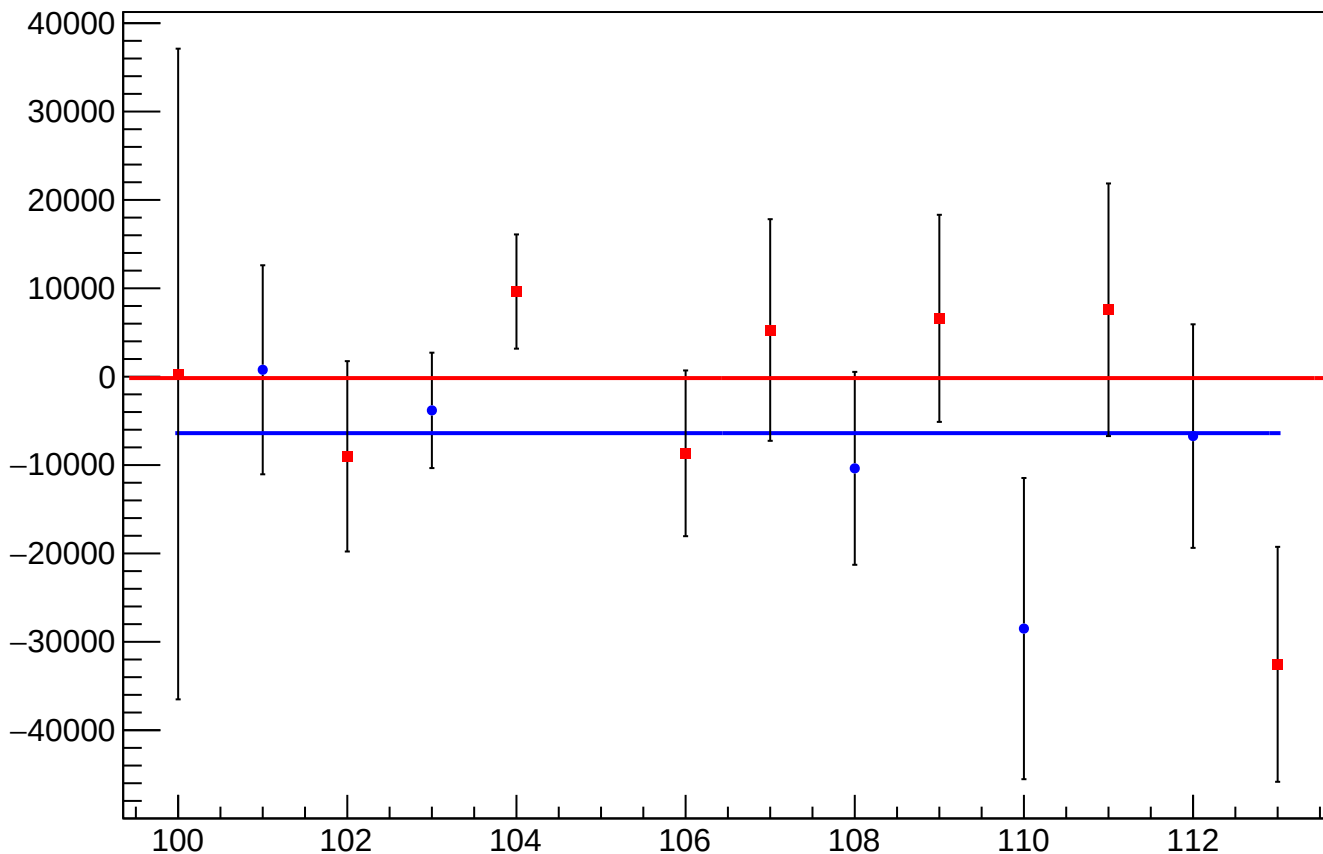
Right: 2268.422+/-0.702 χ^2/NDF : 706175.1/12

In: 2303.770+/-1.074 χ^2/NDF : 465837.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2268.422+/-0.702 χ^2/NDF : 706175.1/12

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: -157.525+/-3810.350 χ^2/NDF : 10.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

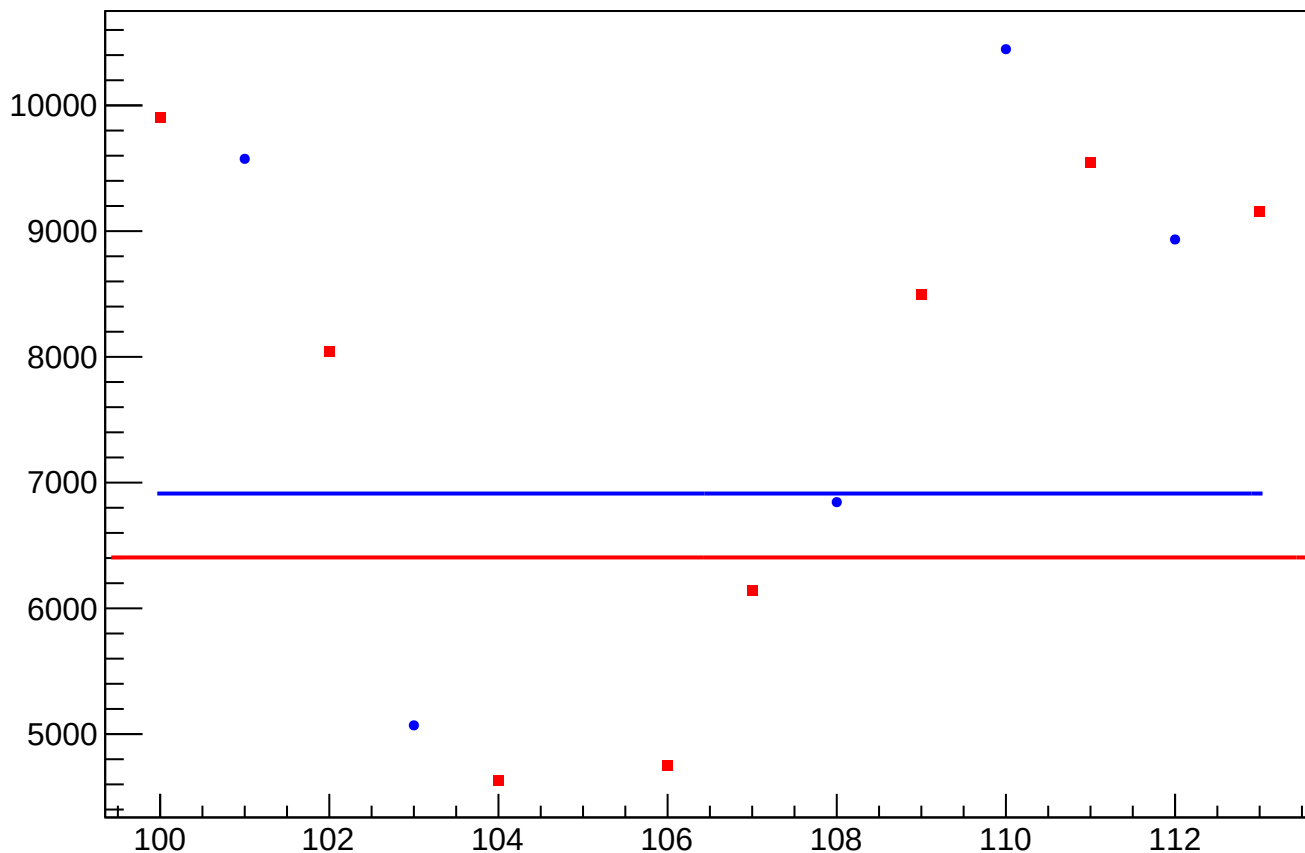
Right: -2738.271+/-2916.307 χ^2/NDF : 14.0/12

In: -6387.946+/-4531.263 χ^2/NDF : 2.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2738.271+/-2916.307 χ^2/NDF : 14.0/12

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: 6404.851+/-2.694 χ^2/NDF : 524607.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

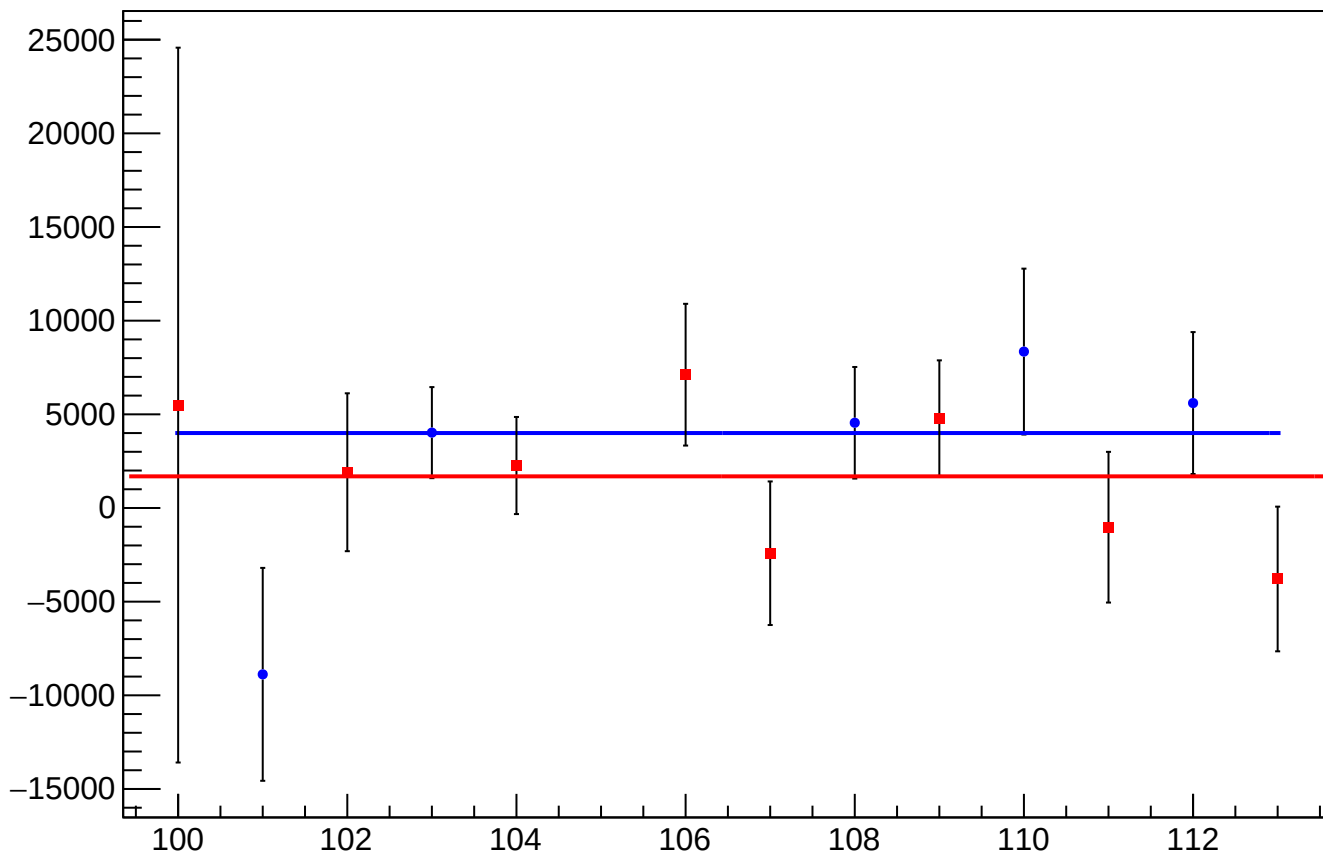
Right: 6615.426+/-2.062 χ^2/NDF : 937330.1/12

In: 6913.221+/-3.204 χ^2/NDF : 397976.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6615.426+/-2.062 χ^2/NDF : 937330.1/12

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: 1689.154+/-1313.364 χ^2/NDF : 6.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

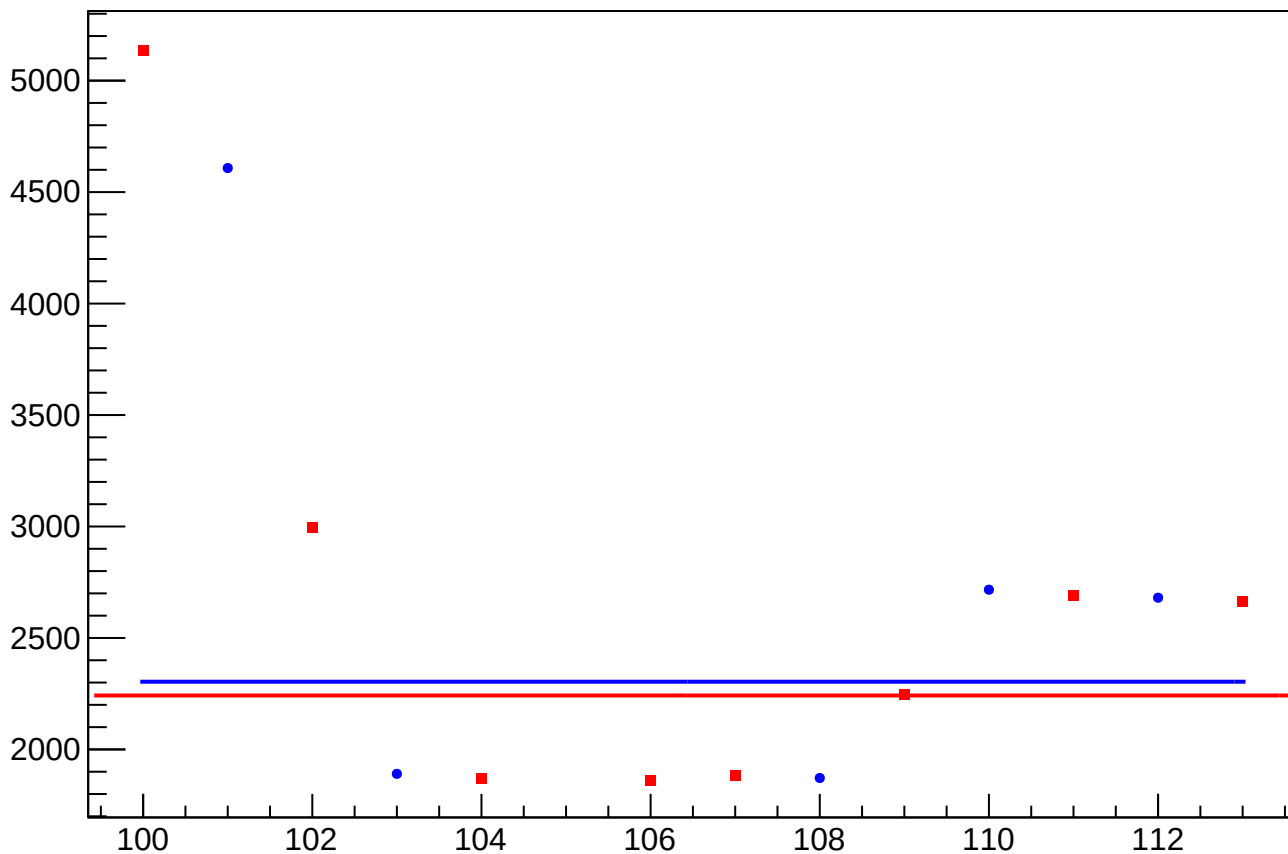
Right: 2678.724+/-993.342 χ^2/NDF : 14.4/12

In: 4001.453+/-1518.439 χ^2/NDF : 6.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2678.724+/-993.342 χ^2/NDF : 14.4/12

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: 2241.977+/-0.929 χ^2/NDF : 238443.2/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

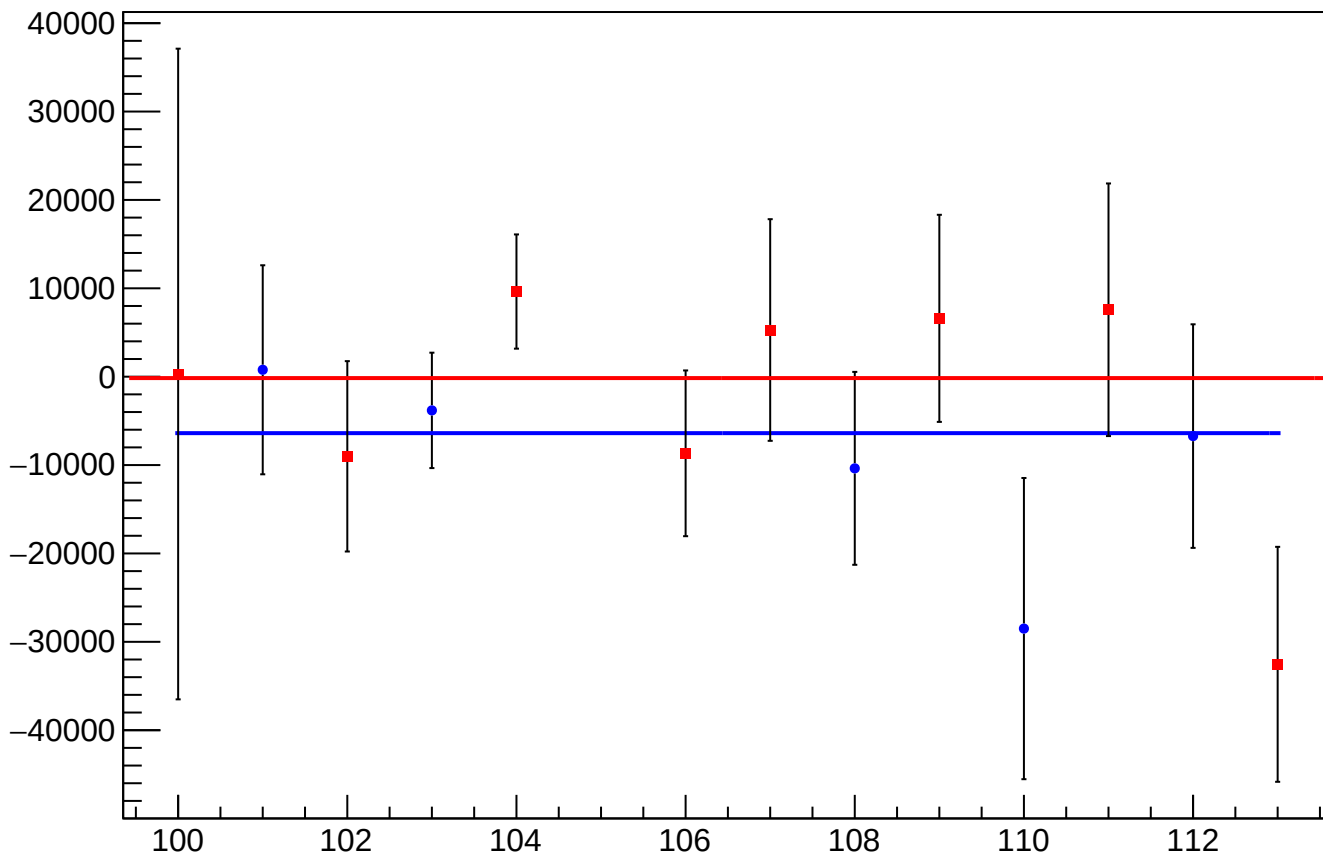
Right: 2268.422+/-0.702 χ^2/NDF : 706175.1/12

In: 2303.770+/-1.074 χ^2/NDF :465837.2/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2268.422+/-0.702 χ^2/NDF : 706175.1/12

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: -157.525+/-3810.350 χ^2/NDF : 10.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

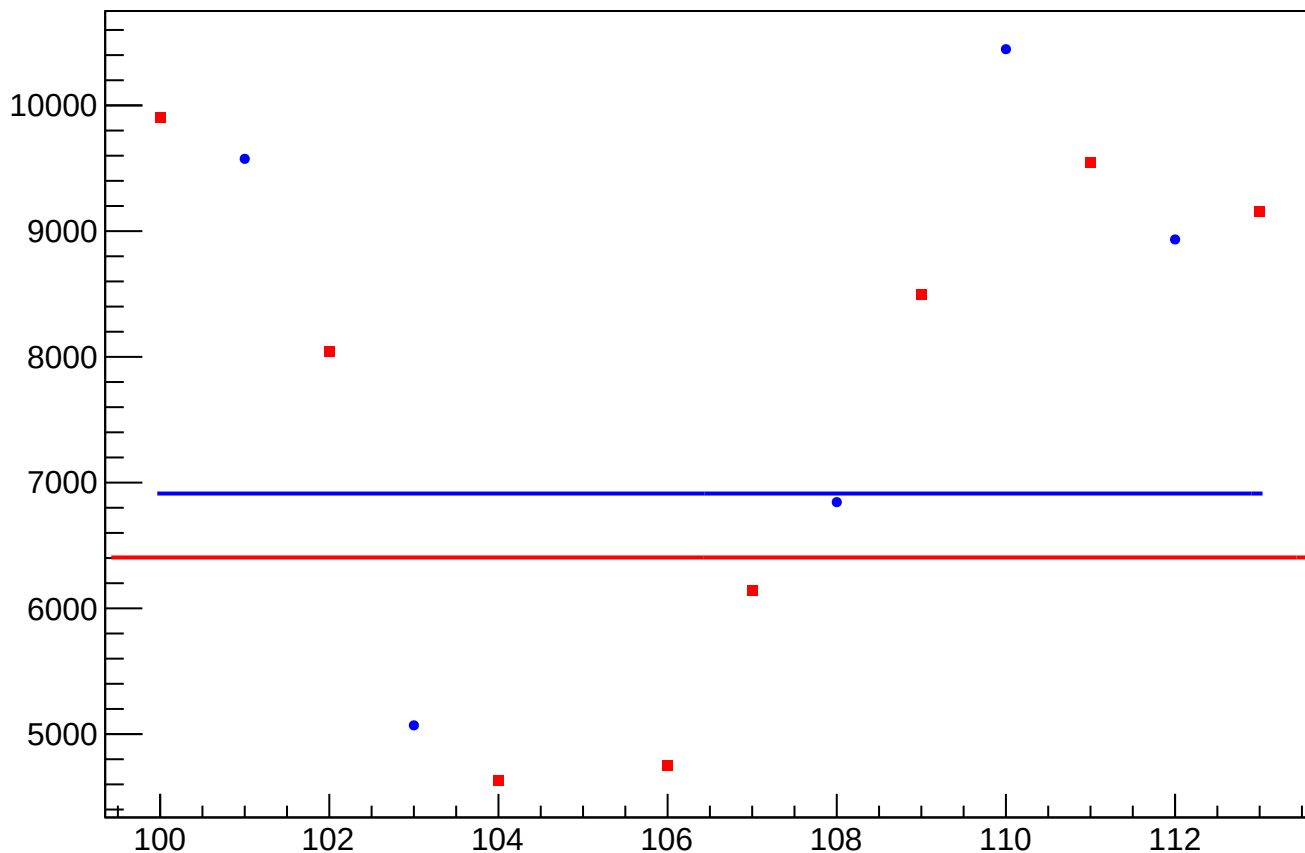
Right: -2738.271+/-2916.307 χ^2/NDF : 14.0/12

In: -6387.946+/-4531.263 χ^2/NDF : 2.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2738.271+/-2916.307 χ^2/NDF : 14.0/12

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: 6404.851+/-2.694 χ^2/NDF : 524607.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

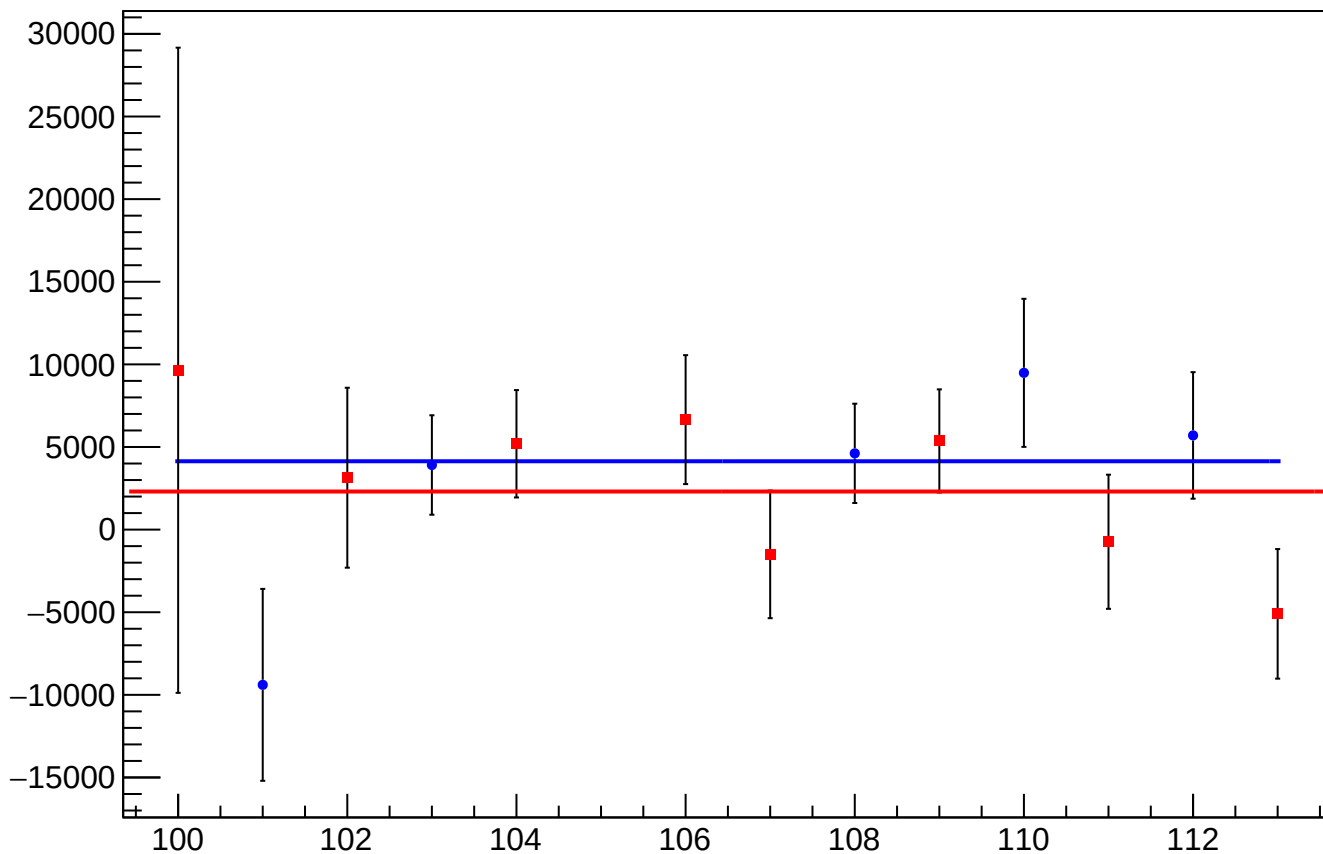
Right: 6615.426+/-2.062 χ^2/NDF : 937330.1/12

In: 6913.221+/-3.204 χ^2/NDF : 397976.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6615.426+/-2.062 χ^2/NDF : 937330.1/12

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: 2305.706+/-1425.355 χ^2/NDF : 8.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

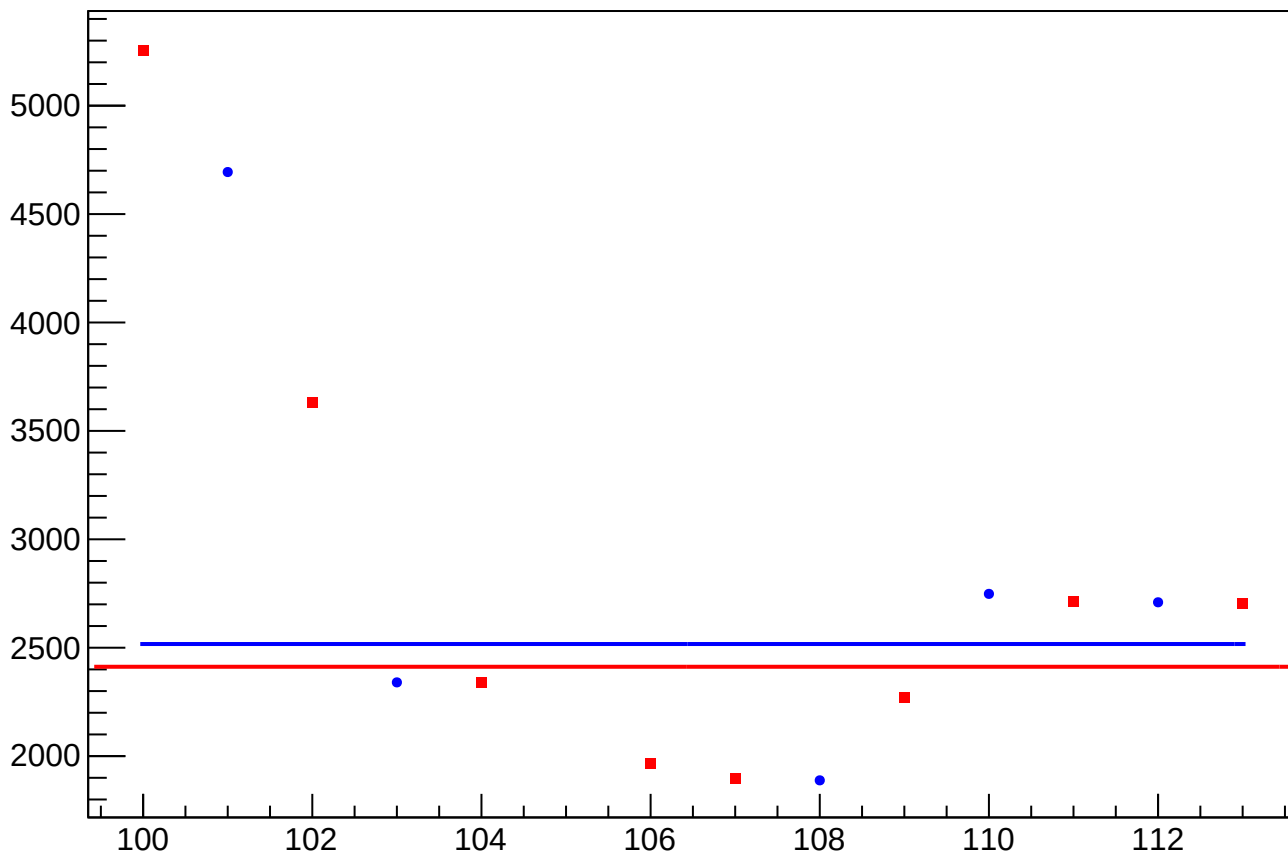
Right: 3090.155+/-1077.619 χ^2/NDF : 16.0/12

In: 4136.776+/-1646.400 χ^2/NDF : 7.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3090.155+/-1077.619 χ^2/NDF : 16.0/12

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: 2412.141+/-1.007 χ^2/NDF : 231951.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

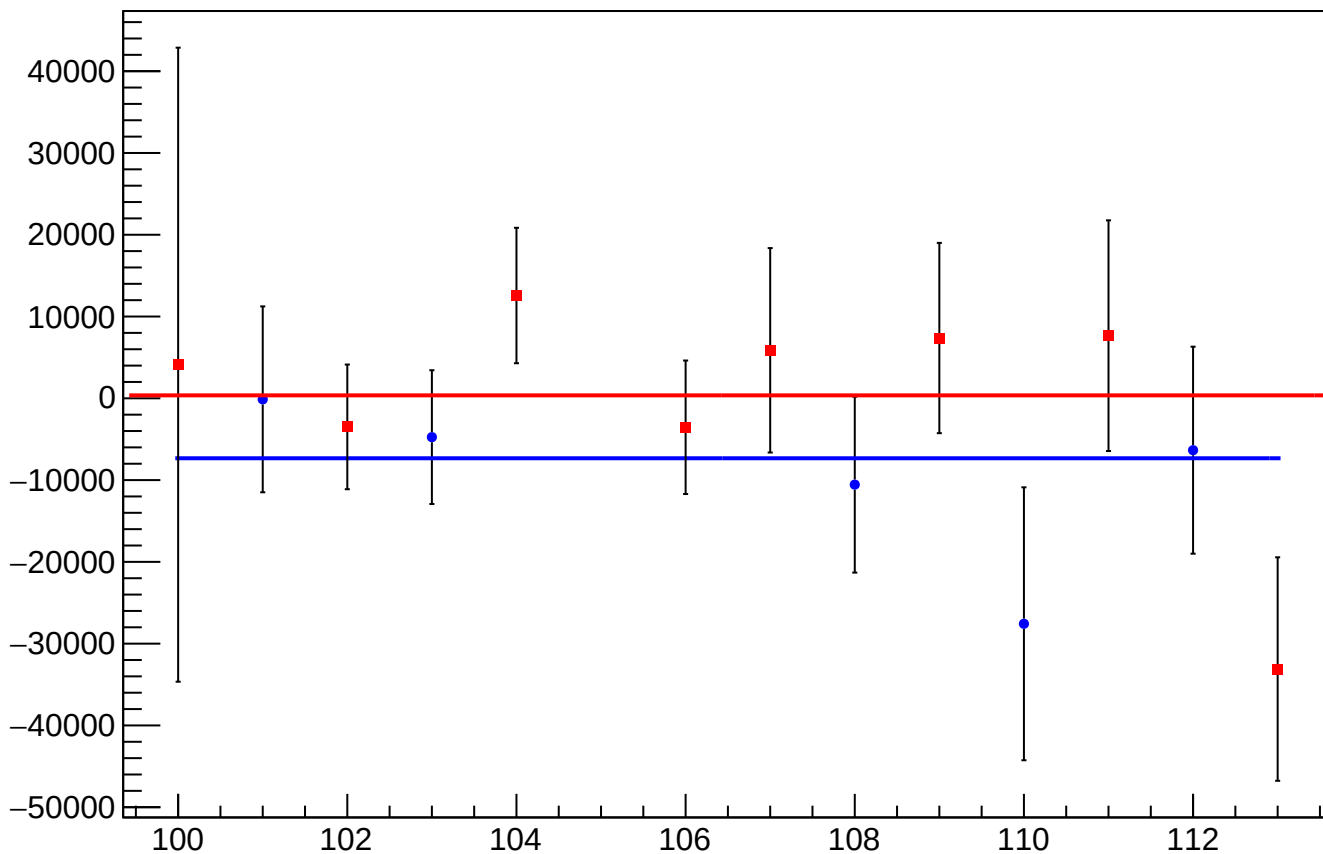
Right: 2457.017+/-0.761 χ^2/NDF : 622556.3/12

In: 2517.045+/-1.164 χ^2/NDF : 385958.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2457.017+/-0.761 χ^2/NDF : 622556.3/12

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: 362.253+/-3736.277 χ^2/NDF : 9.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

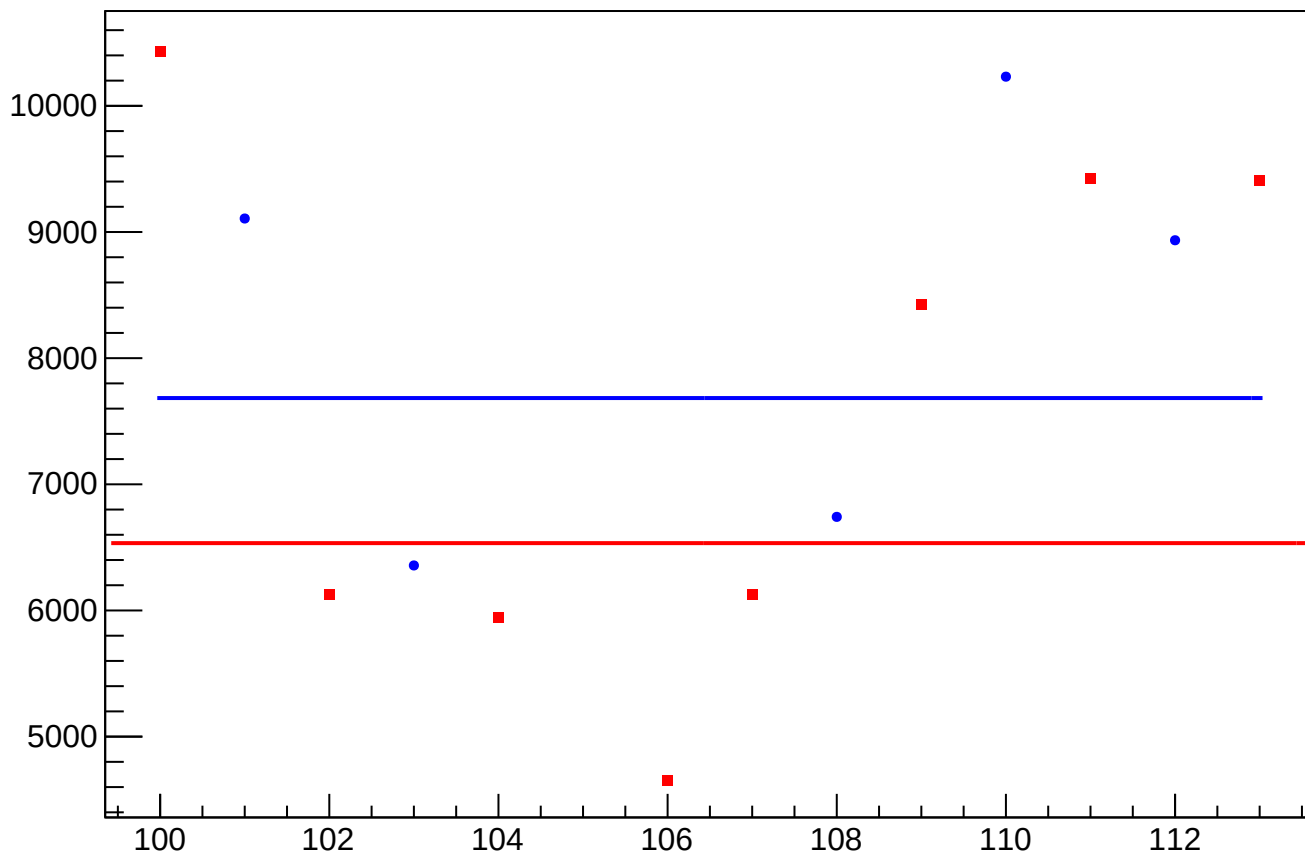
Right: -2445.101+/-2977.513 χ^2/NDF : 13.1/12

In: -7330.837+/-4928.963 χ^2/NDF : 2.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2445.101+/-2977.513 χ^2/NDF : 13.1/12

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: 6533.825+/-2.642 χ^2/NDF : 369366.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

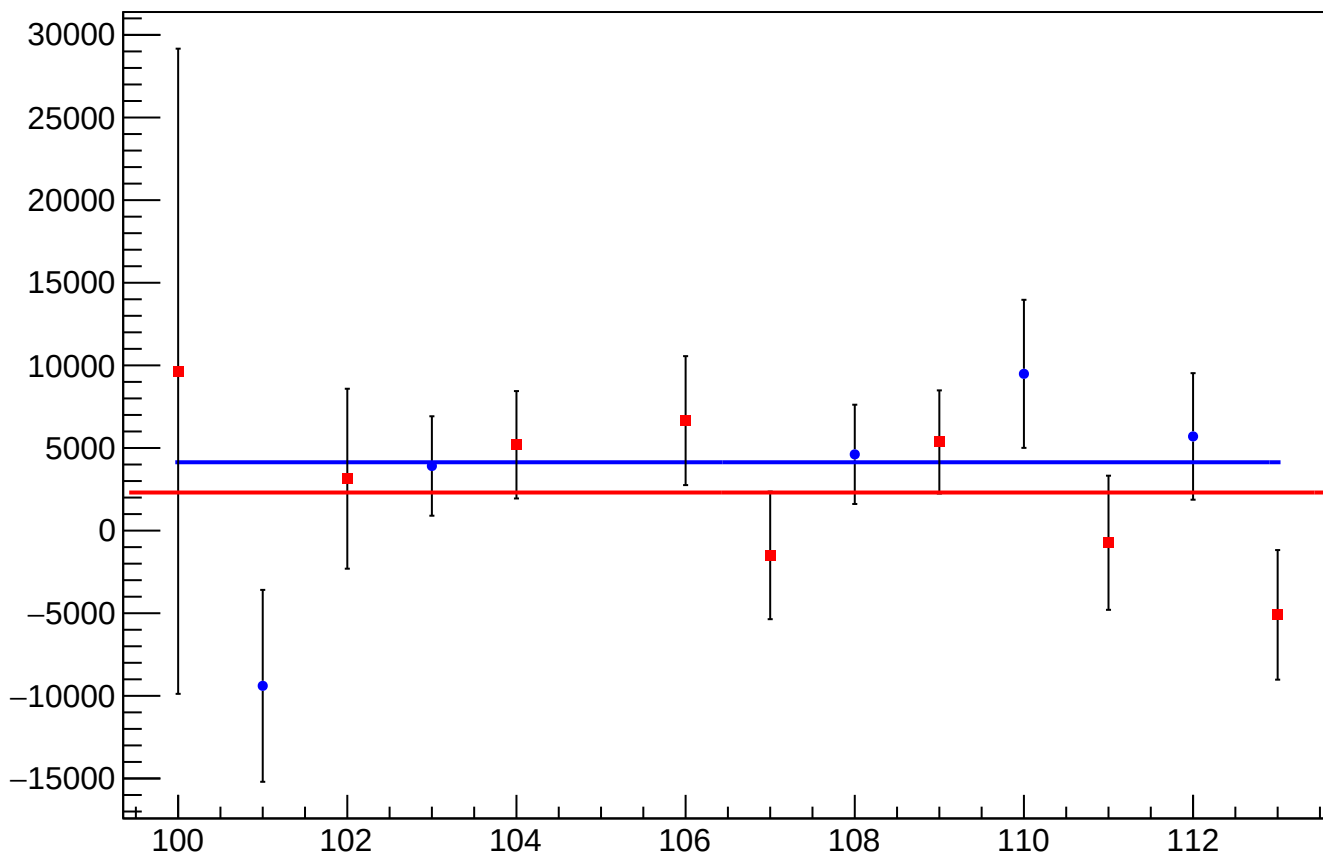
Right: 6953.477+/-2.105 χ^2/NDF : 603966.2/12

In: 7683.812+/-3.485 χ^2/NDF : 165458.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6953.477+/-2.105 χ^2/NDF : 603966.2/12

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: 2305.710+/-1425.355 χ^2/NDF : 8.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

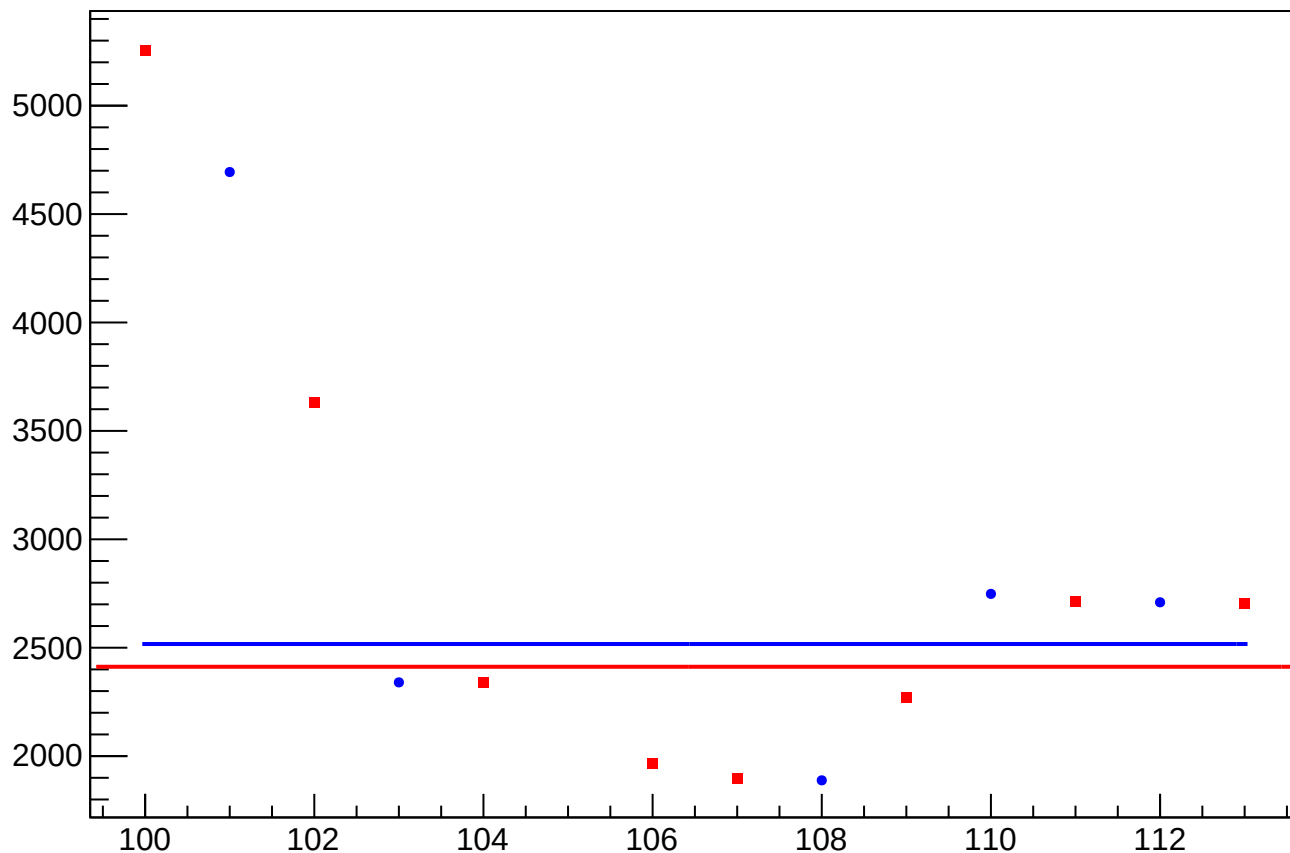
Right: 3090.158+/-1077.619 χ^2/NDF : 16.0/12

In: 4136.778+/-1646.400 χ^2/NDF : 7.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3090.158+/-1077.619 χ^2/NDF : 16.0/12

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: 2412.141+/-1.007 χ^2/NDF : 231951.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

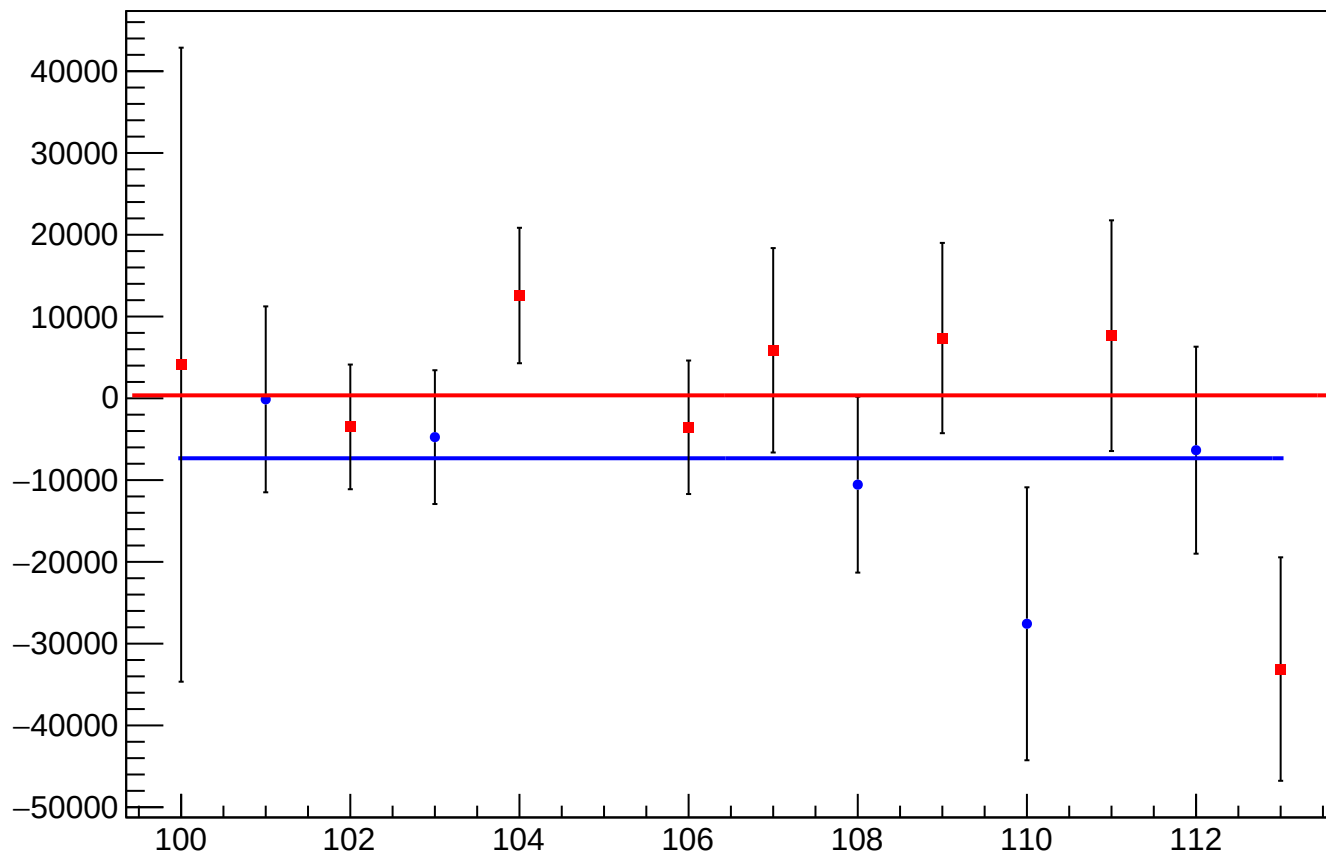
Right: 2457.017+/-0.761 χ^2/NDF : 622556.2/12

In: 2517.044+/-1.164 χ^2/NDF : 385958.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2457.017+/-0.761 χ^2/NDF : 622556.2/12

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: 362.258+/-3736.272 χ^2/NDF : 9.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

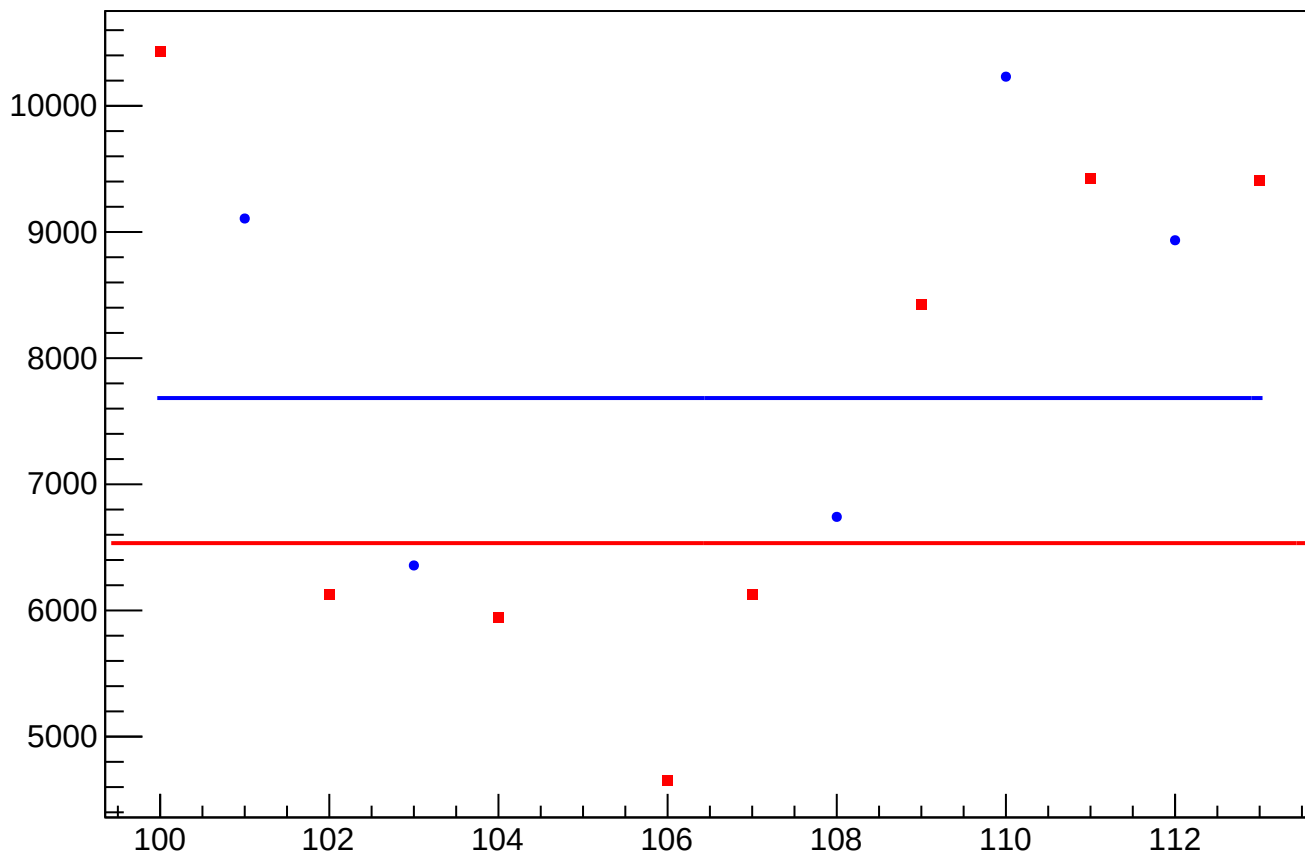
Right: -2445.097+/-2977.510 χ^2/NDF : 13.1/12

In: -7330.842+/-4928.960 χ^2/NDF : 2.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2445.097+/-2977.510 χ^2/NDF : 13.1/12

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: 6533.816+/-2.642 χ^2/NDF : 369367.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

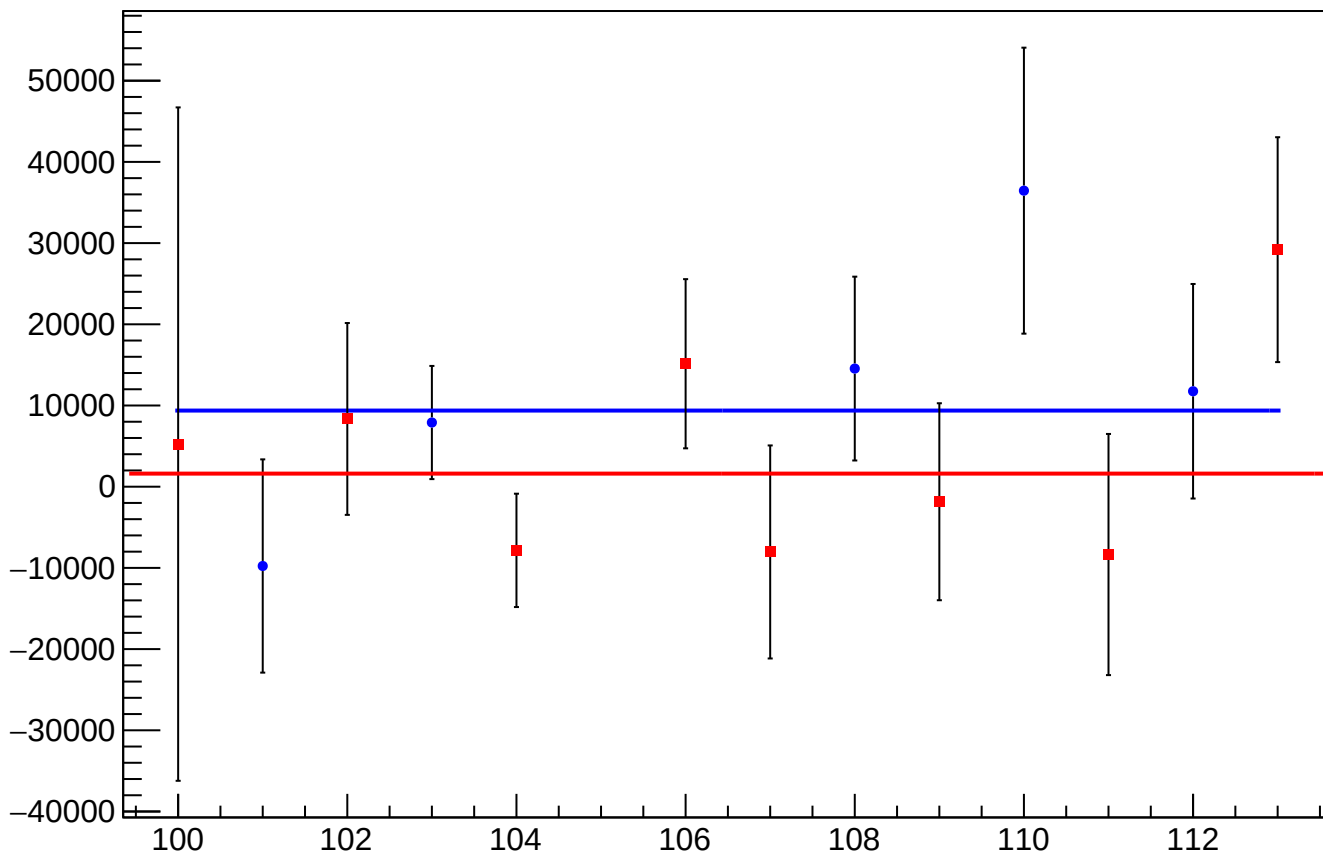
Right: 6953.470+/-2.105 χ^2/NDF : 603965.7/12

In: 7683.810+/-3.485 χ^2/NDF : 165456.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6953.470+/-2.105 χ^2/NDF : 603965.7/12

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: 1611.615+/-4087.764 χ^2/NDF : 8.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

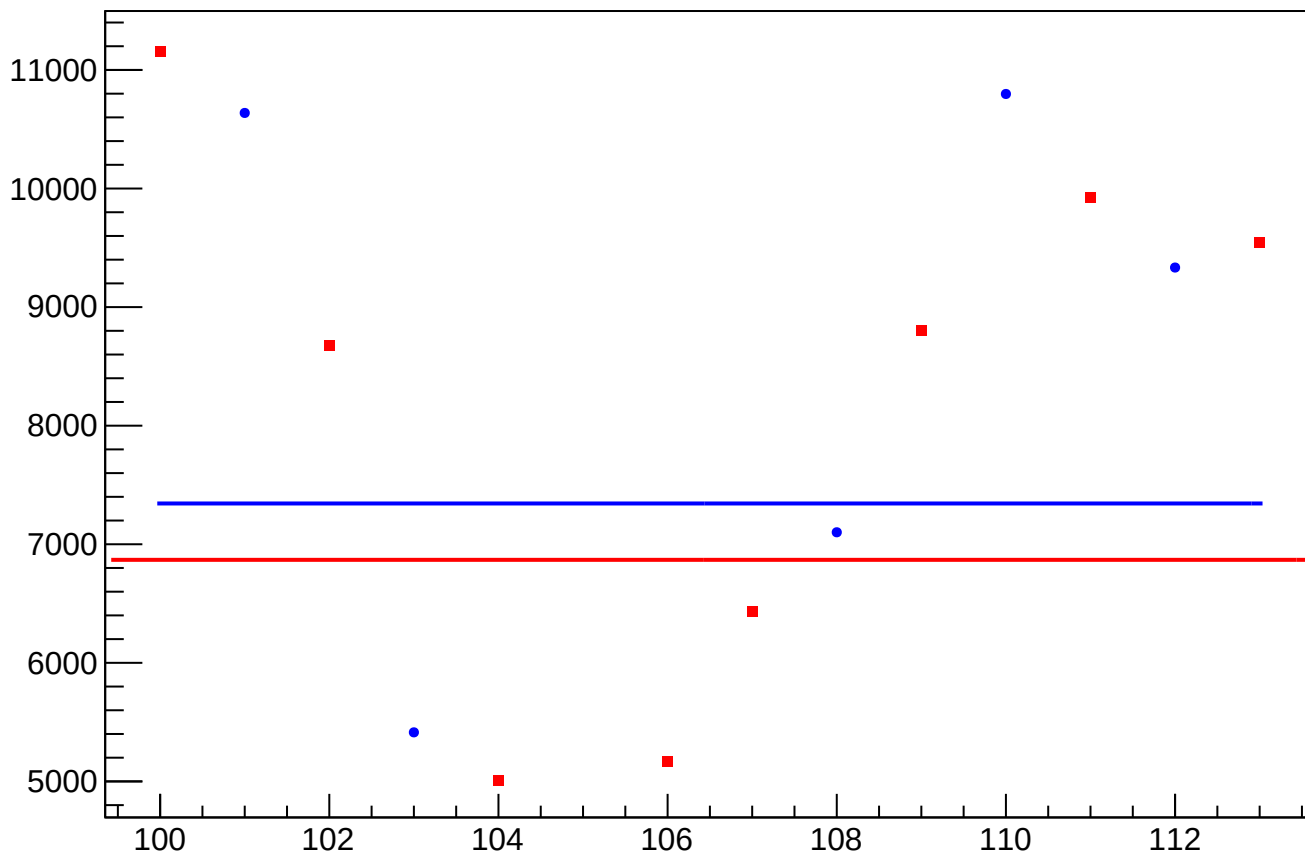
Right: 4864.586+/-3115.998 χ^2/NDF : 15.2/12

In: 9376.424+/-4814.182 χ^2/NDF : 4.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4864.586+/-3115.998 χ^2/NDF : 15.2/12

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: 6868.605+/-2.890 χ^2/NDF : 475394.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

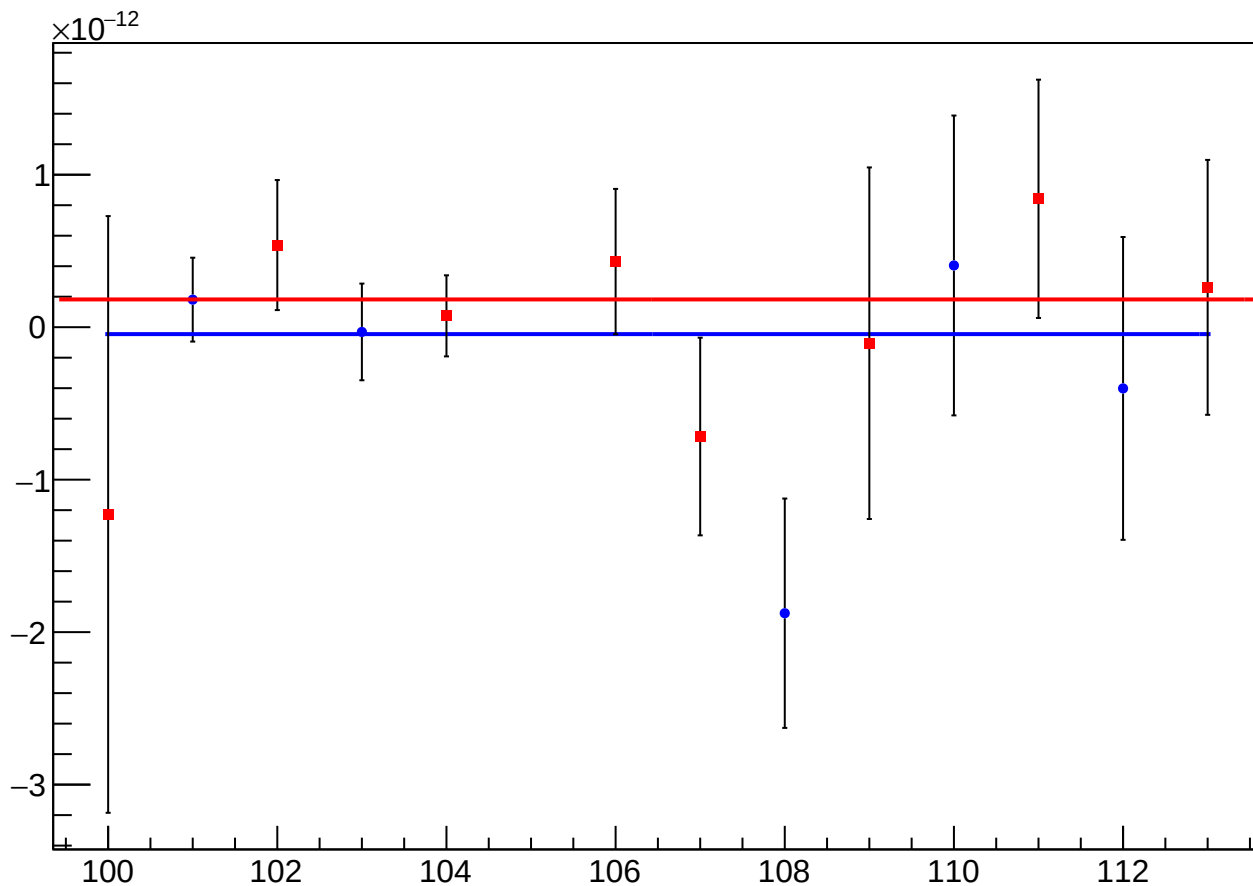
Right: 7067.730+/-2.203 χ^2/NDF : 889158.4/12

In: 7343.932+/-3.404 χ^2/NDF : 402434.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7067.730+/-2.203 χ^2/NDF : 889158.4/12

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 : 4.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

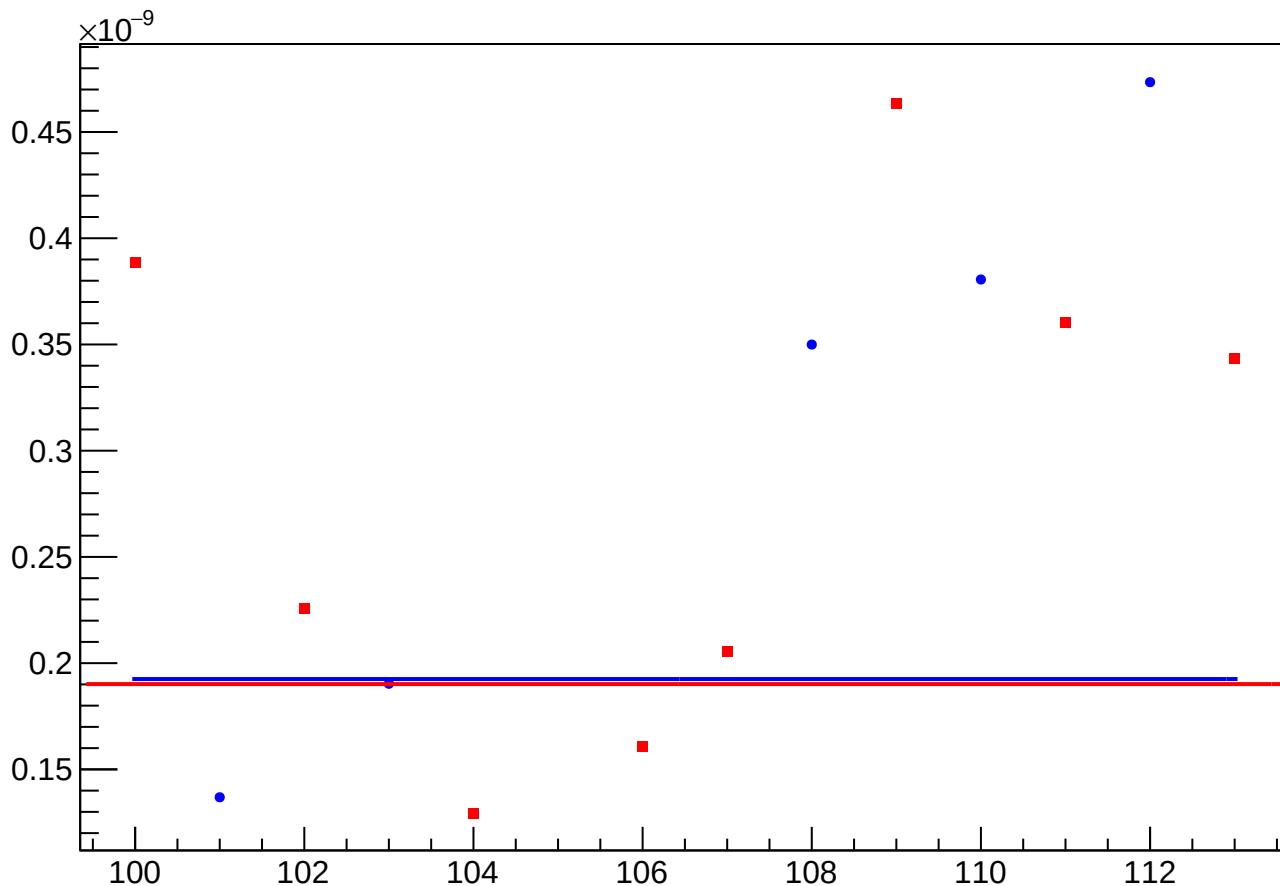
Right: 0.000+/-0.000 χ^2/NDF : 12.0/12

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 : 12.0/12

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 : 422767.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

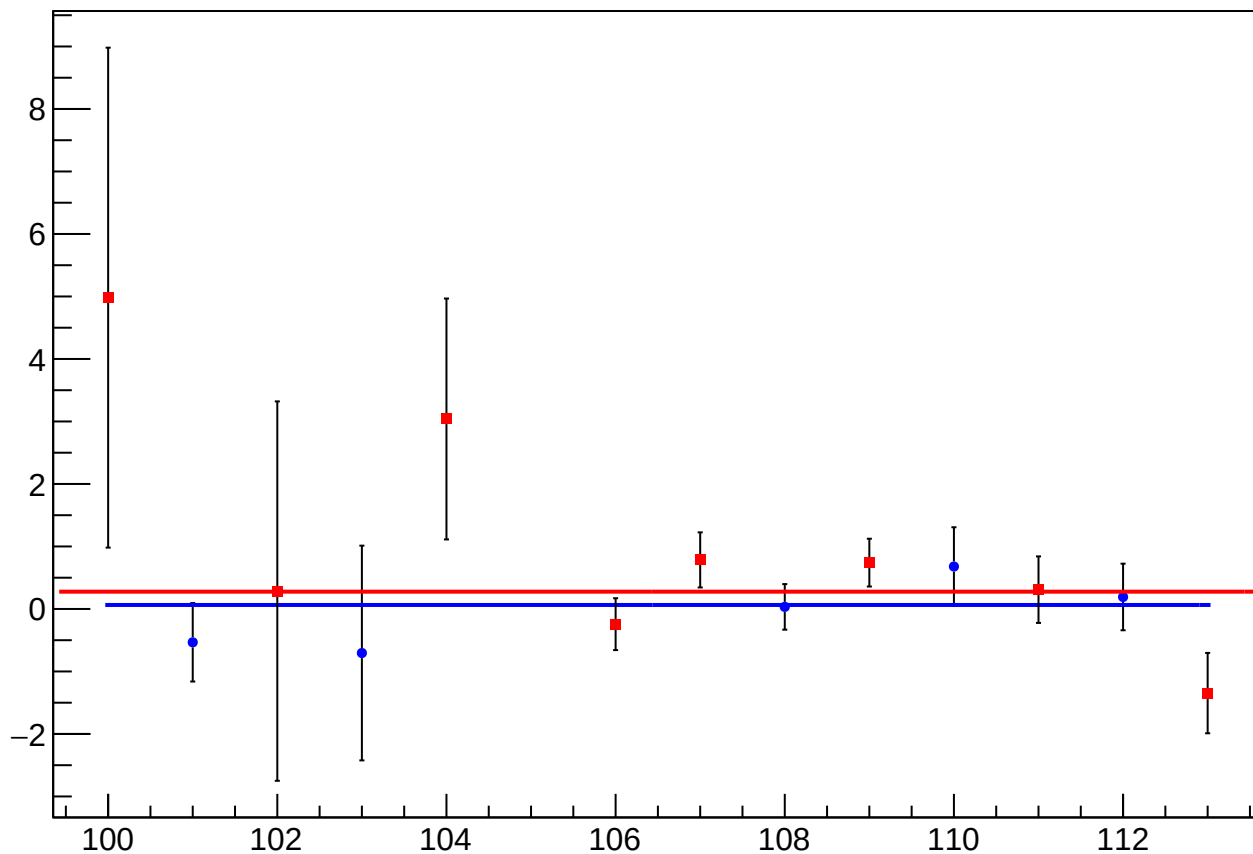
Right: 0.000+/-0.000 χ^2/NDF : 825764.2/12

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 : 825764.2/12

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: 0.277 $\pm$ 0.203 χ^2 /NDF: 14.2/7

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

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

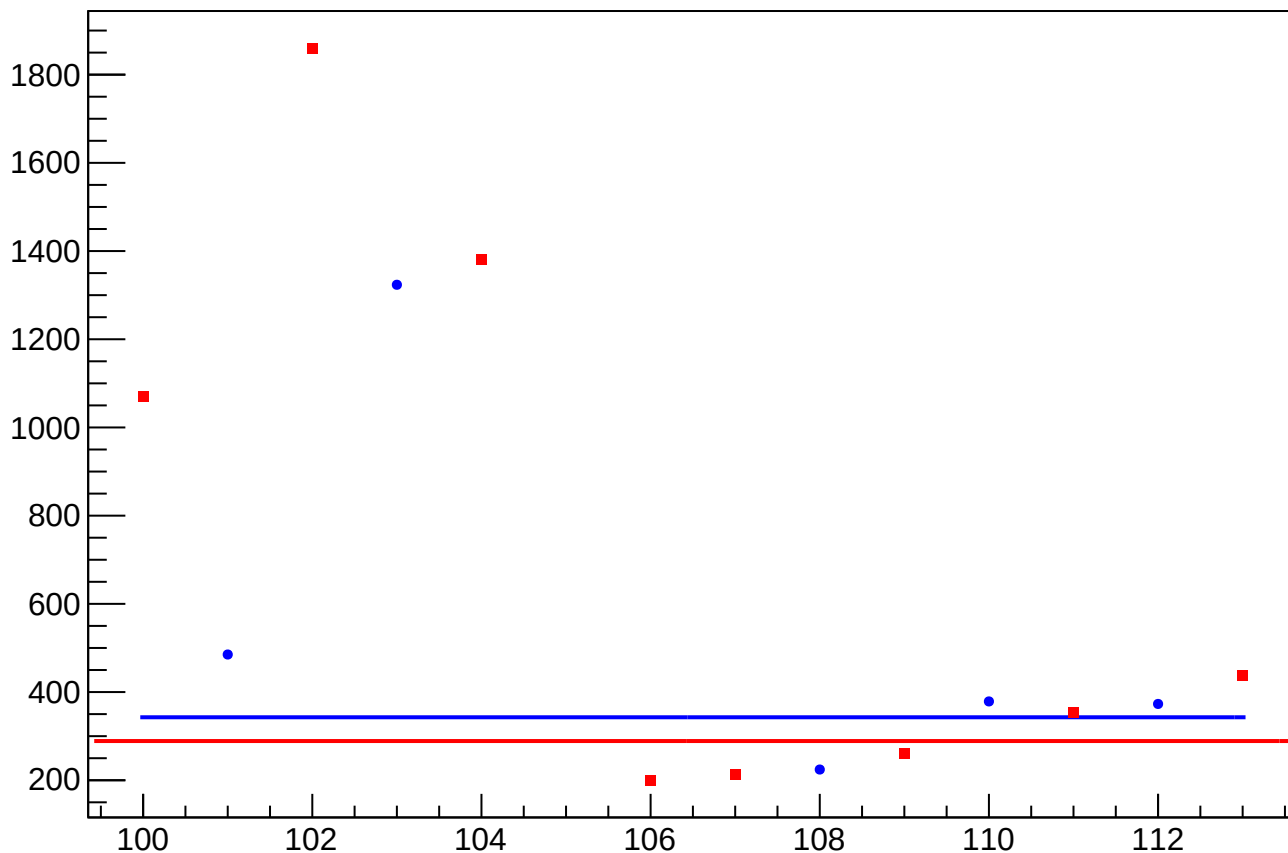
Right: 0.190 $\pm$ 0.157 χ^2 /NDF: 16.8/12

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: 0.190 $\pm$ 0.157 χ^2 /NDF: 16.8/12

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: 288.939+/-0.144 χ^2/NDF : 1553153.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

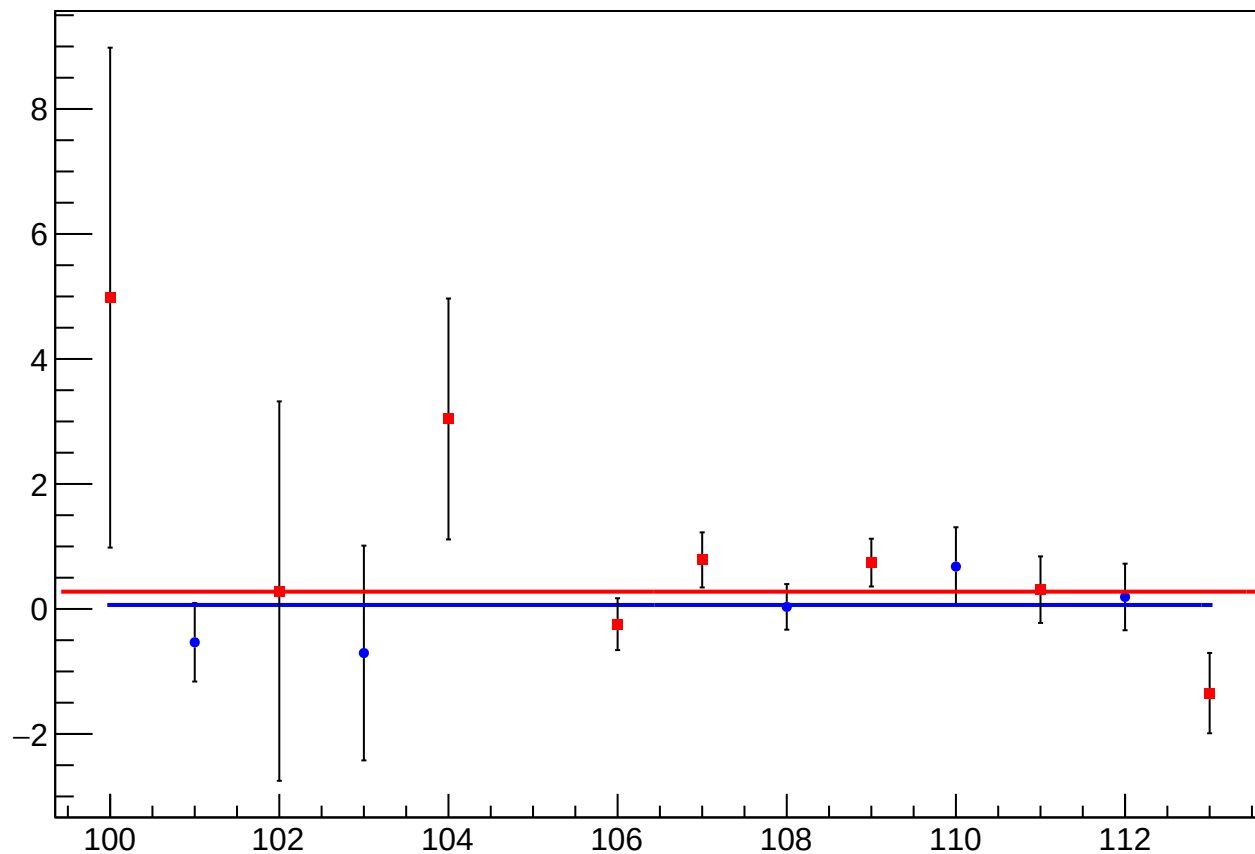
Right: 310.752+/-0.111 χ^2/NDF : 2588646.4/12

In: 342.824+/-0.174 χ^2/NDF : 978638.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 310.752+/-0.111 χ^2/NDF : 2588646.4/12

asym_atr2_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: 0.277+/-0.203 χ^2/NDF : 14.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

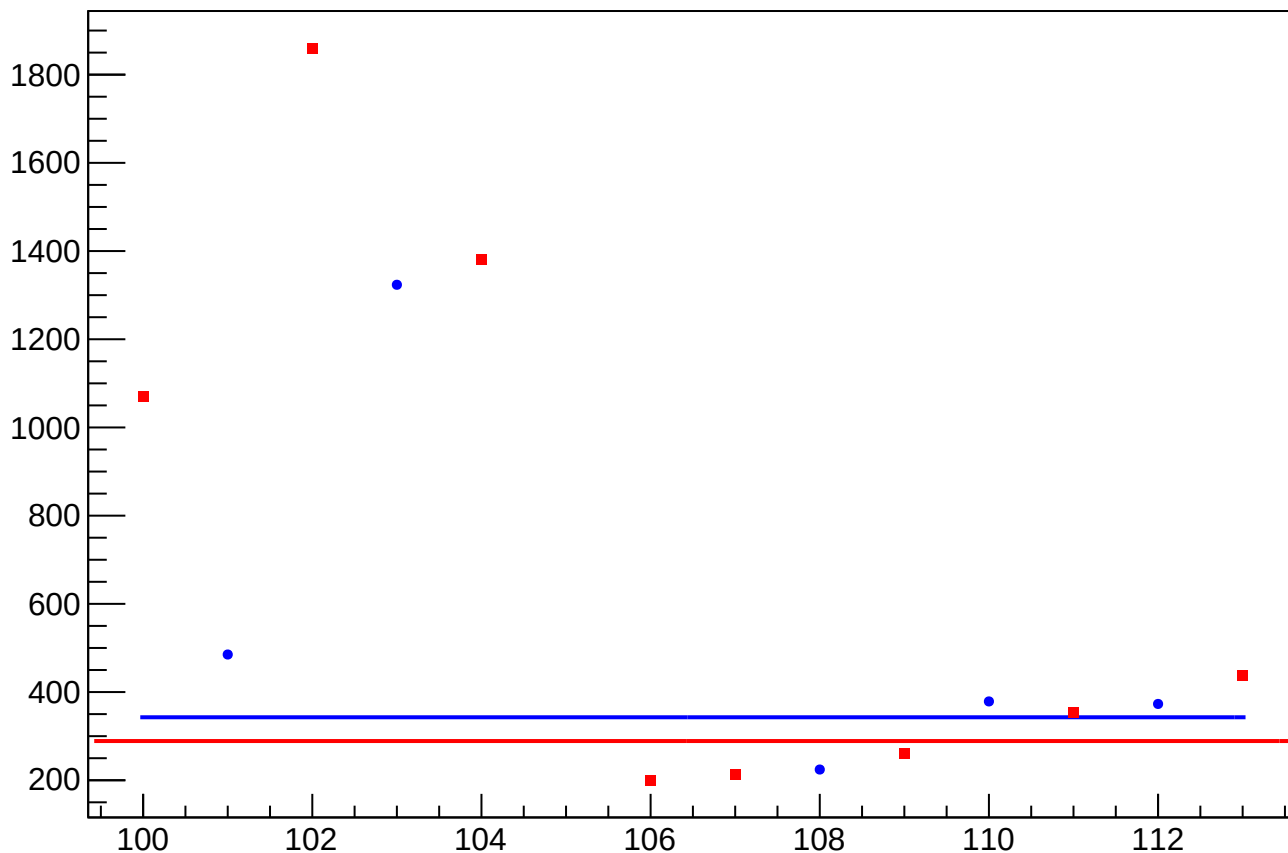
Right: 0.190+/-0.157 χ^2/NDF : 16.8/12

In: 0.064+/-0.247 χ^2/NDF : 2.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.190+/-0.157 χ^2/NDF : 16.8/12

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: 288.939+/-0.144 χ^2/NDF : 1553153.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

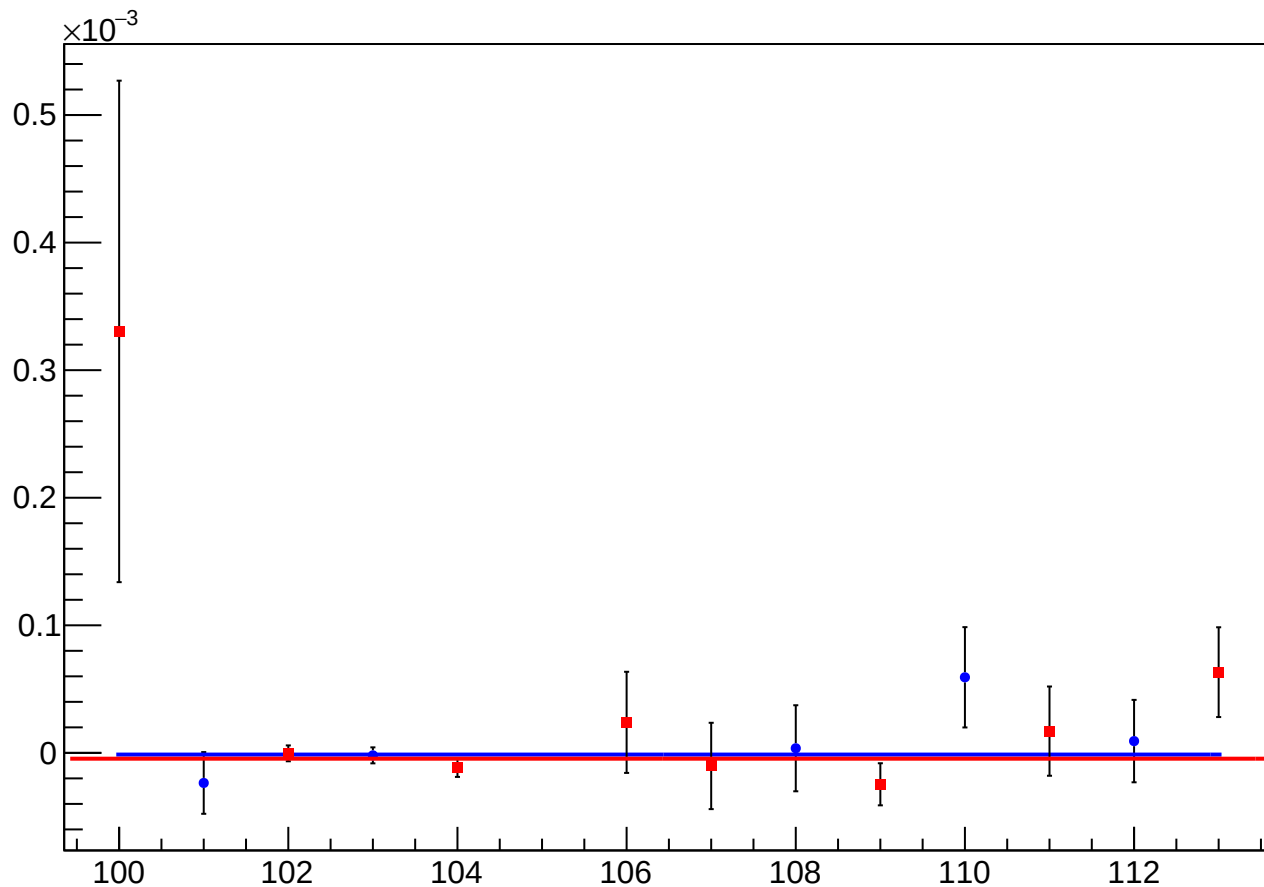
Right: 310.752+/-0.111 χ^2/NDF : 2588646.4/12

In: 342.824+/-0.174 χ^2/NDF : 978638.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 310.752+/-0.111 χ^2/NDF : 2588646.4/12

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 : 10.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

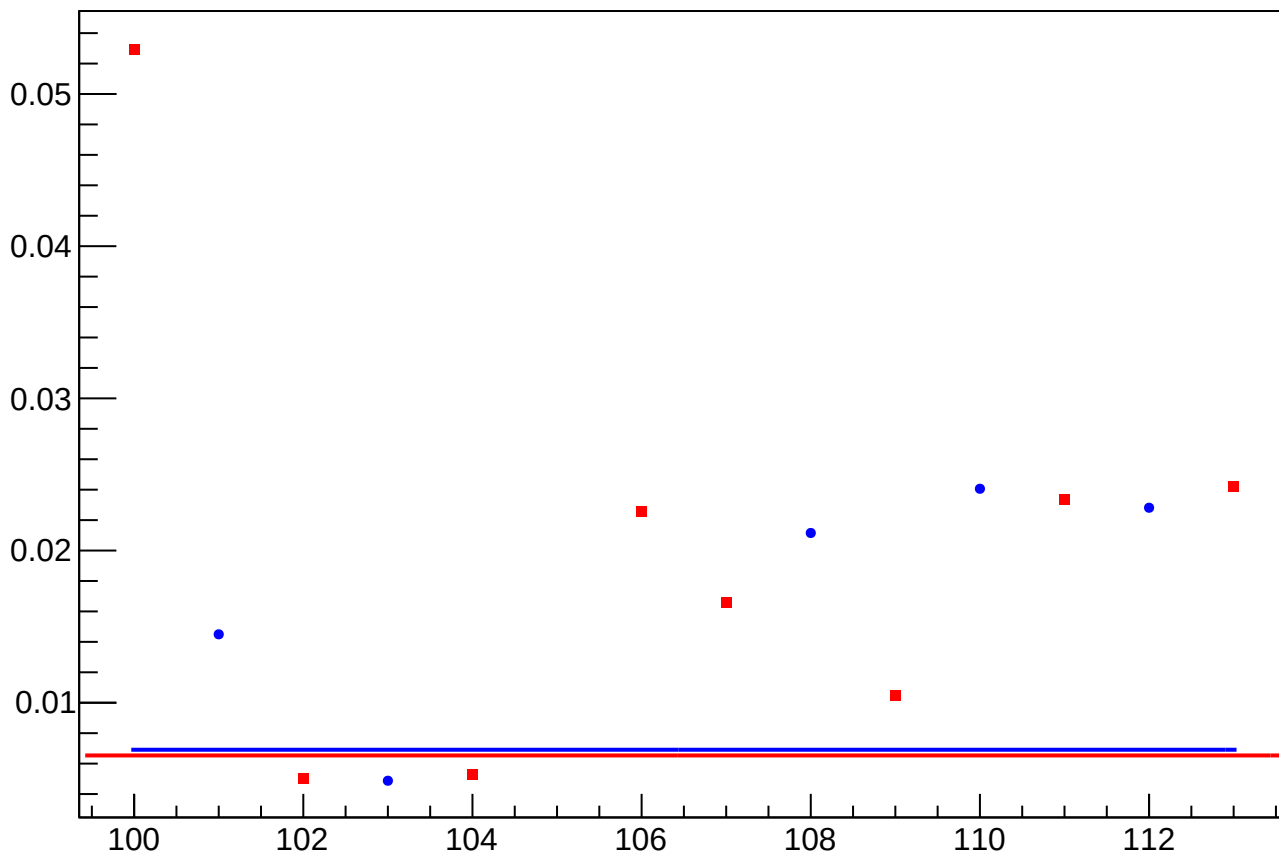
Right: -0.000+/-0.000 χ^2/NDF : 13.9/12

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 : 13.9/12

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: 0.007+/-0.000 χ^2/NDF : 1877197.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

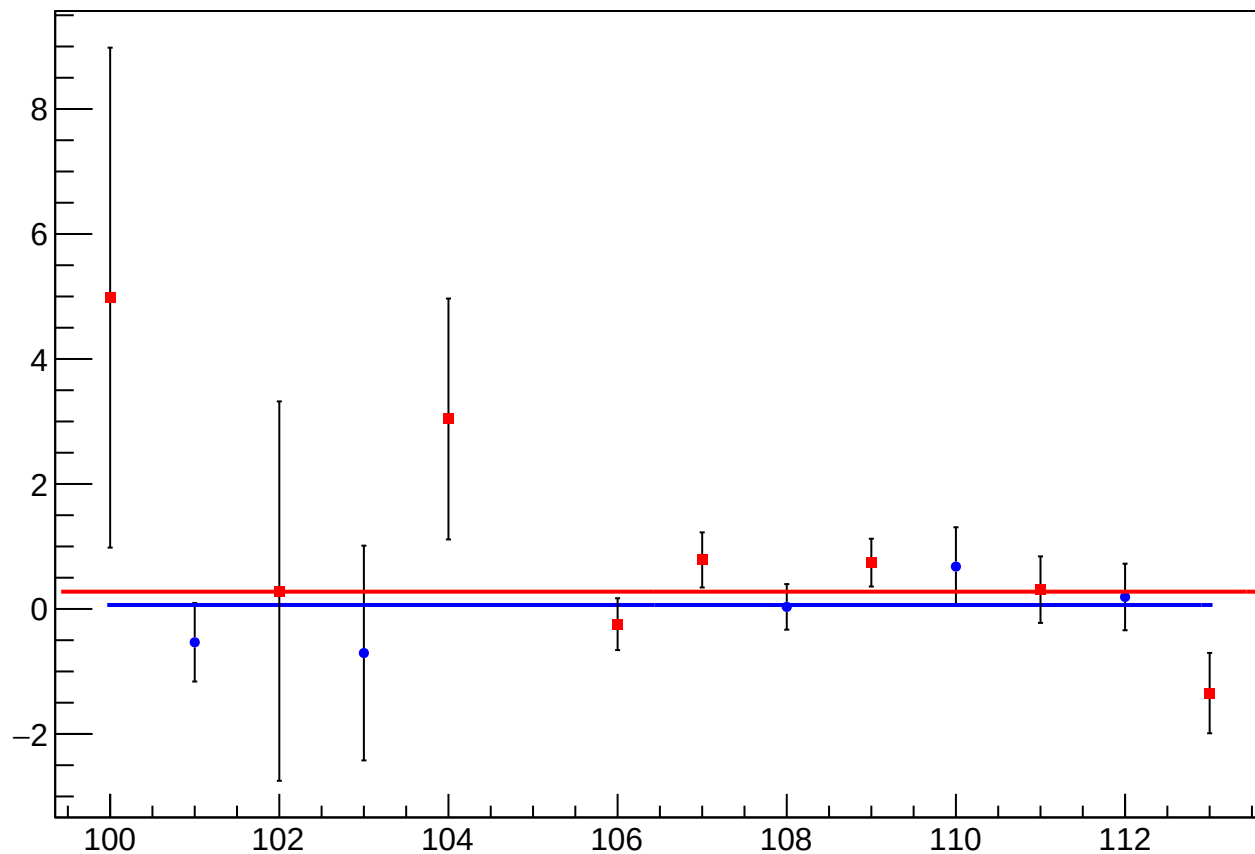
Right: 0.007+/-0.000 χ^2/NDF : 3512374.0/12

In: 0.007+/-0.000 χ^2/NDF : 1629898.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 3512374.0/12

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: 0.277 $\pm$ 0.203 χ^2 /NDF: 14.2/7

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

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

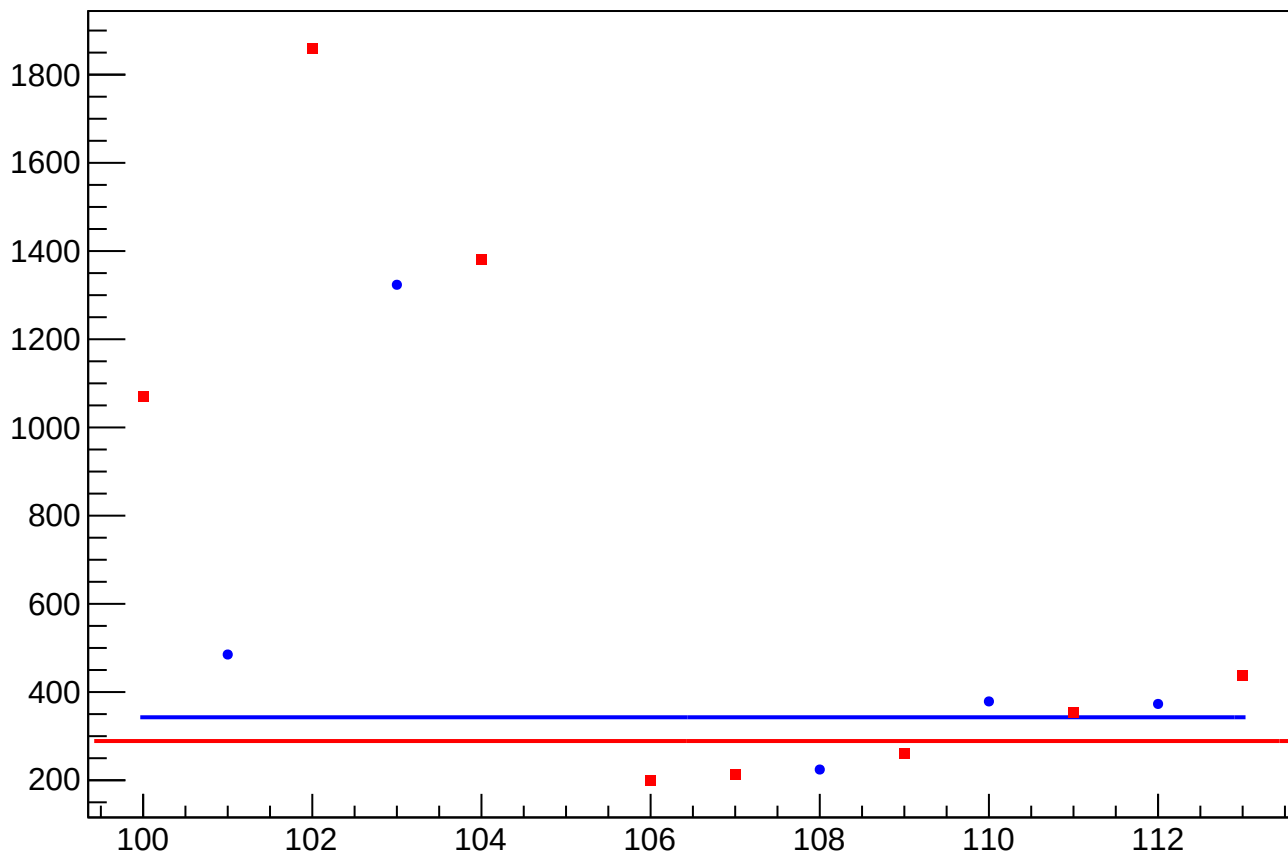
Right: 0.190 $\pm$ 0.157 χ^2 /NDF: 16.8/12

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: 0.190 $\pm$ 0.157 χ^2 /NDF: 16.8/12

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: 288.940+/-0.144 χ^2/NDF : 1553154.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

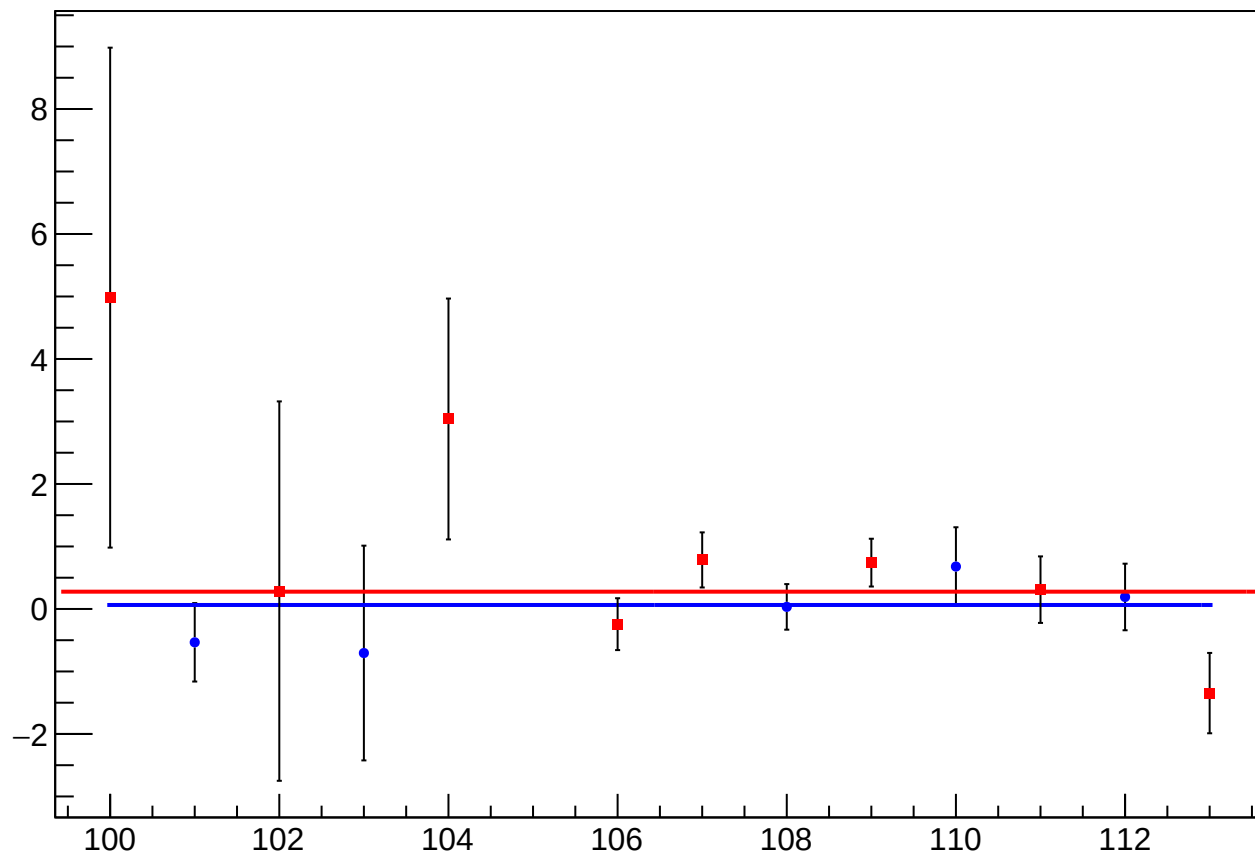
Right: 310.751+/-0.111 χ^2/NDF : 2588670.2/12

In: 342.821+/-0.174 χ^2/NDF : 978668.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 310.751+/-0.111 χ^2/NDF : 2588670.2/12

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: 0.277+/-0.203 χ^2/NDF : 14.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

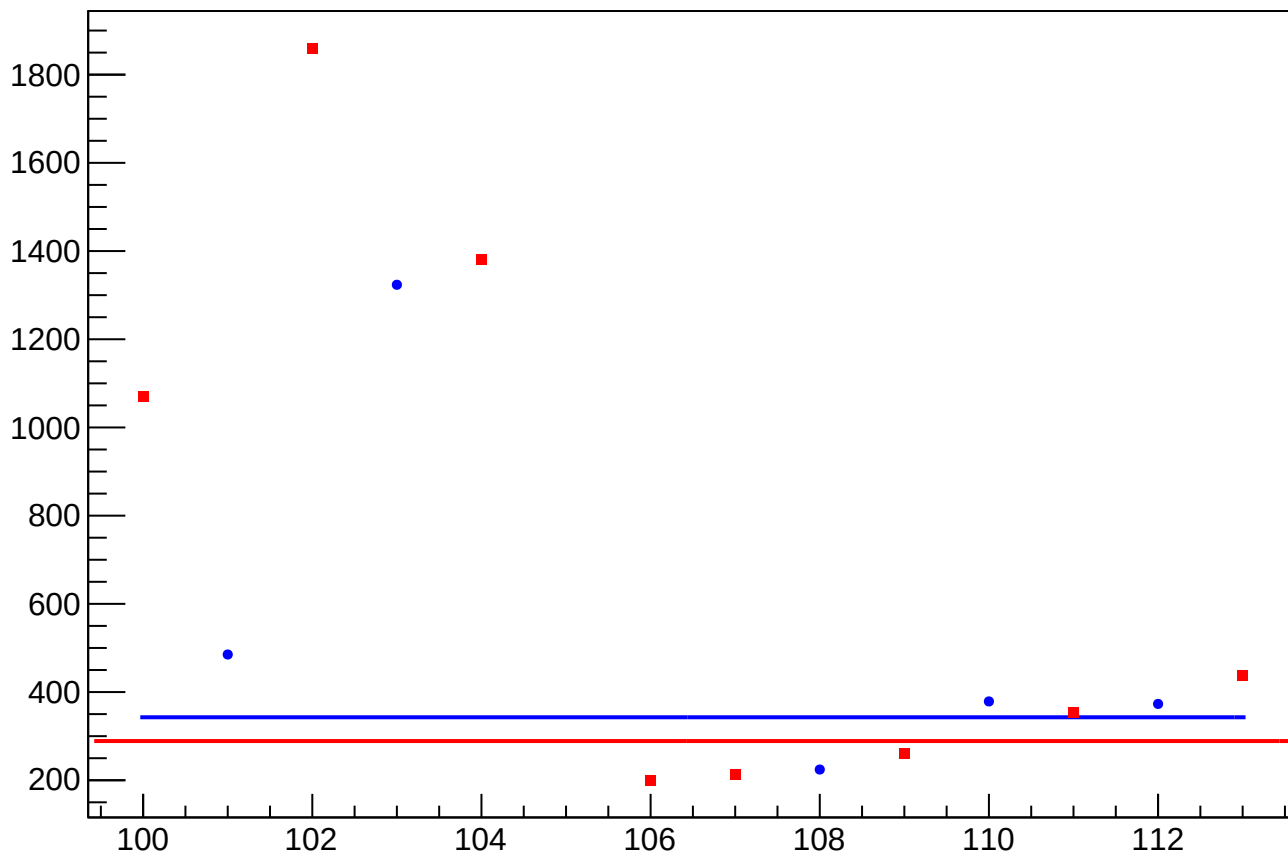
Right: 0.190+/-0.157 χ^2/NDF : 16.8/12

In: 0.064+/-0.247 χ^2/NDF : 2.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.190+/-0.157 χ^2/NDF : 16.8/12

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: 288.940+/-0.144 χ^2/NDF : 1553154.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

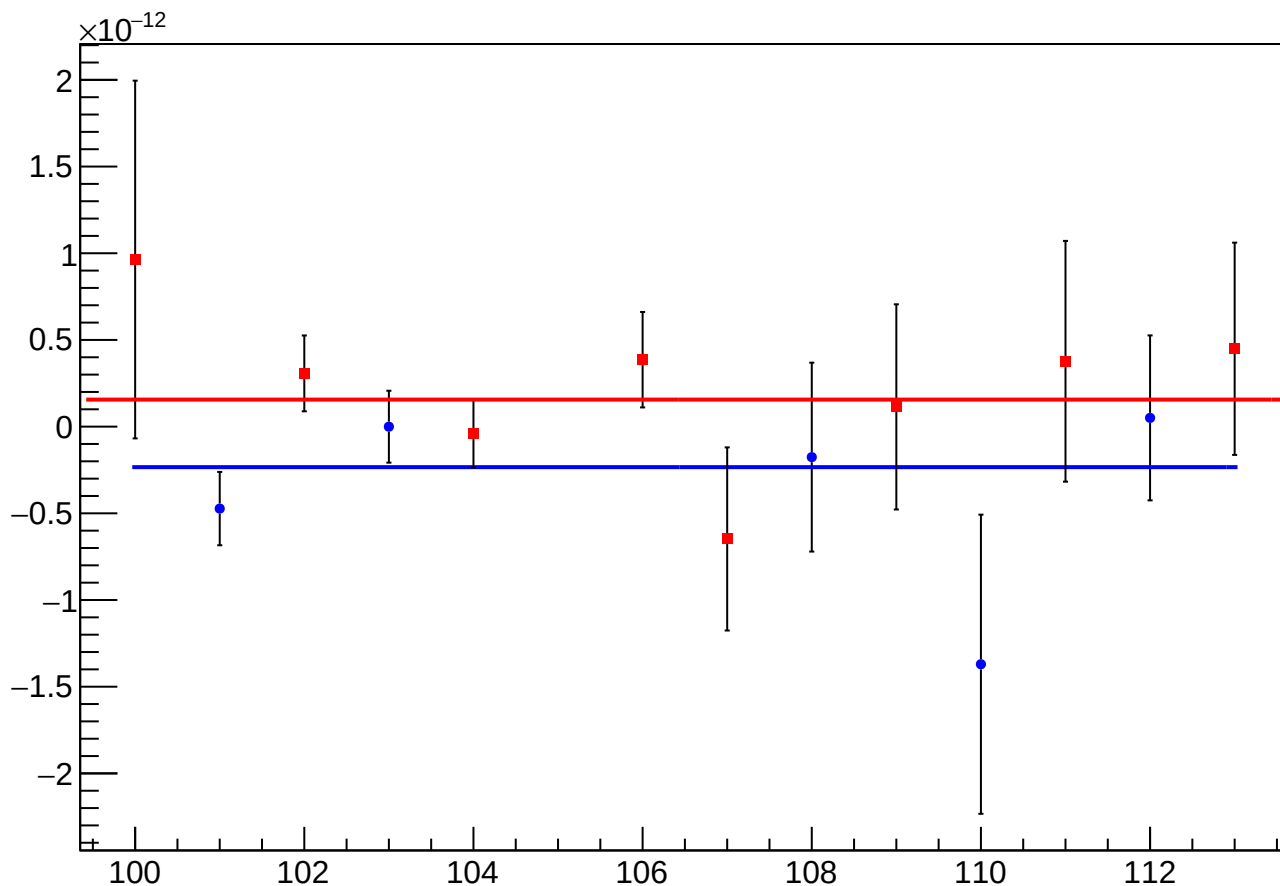
Right: 310.751+/-0.111 χ^2/NDF : 2588670.2/12

In: 342.821+/-0.174 χ^2/NDF : 978668.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 310.751+/-0.111 χ^2/NDF : 2588670.2/12

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 : 5.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

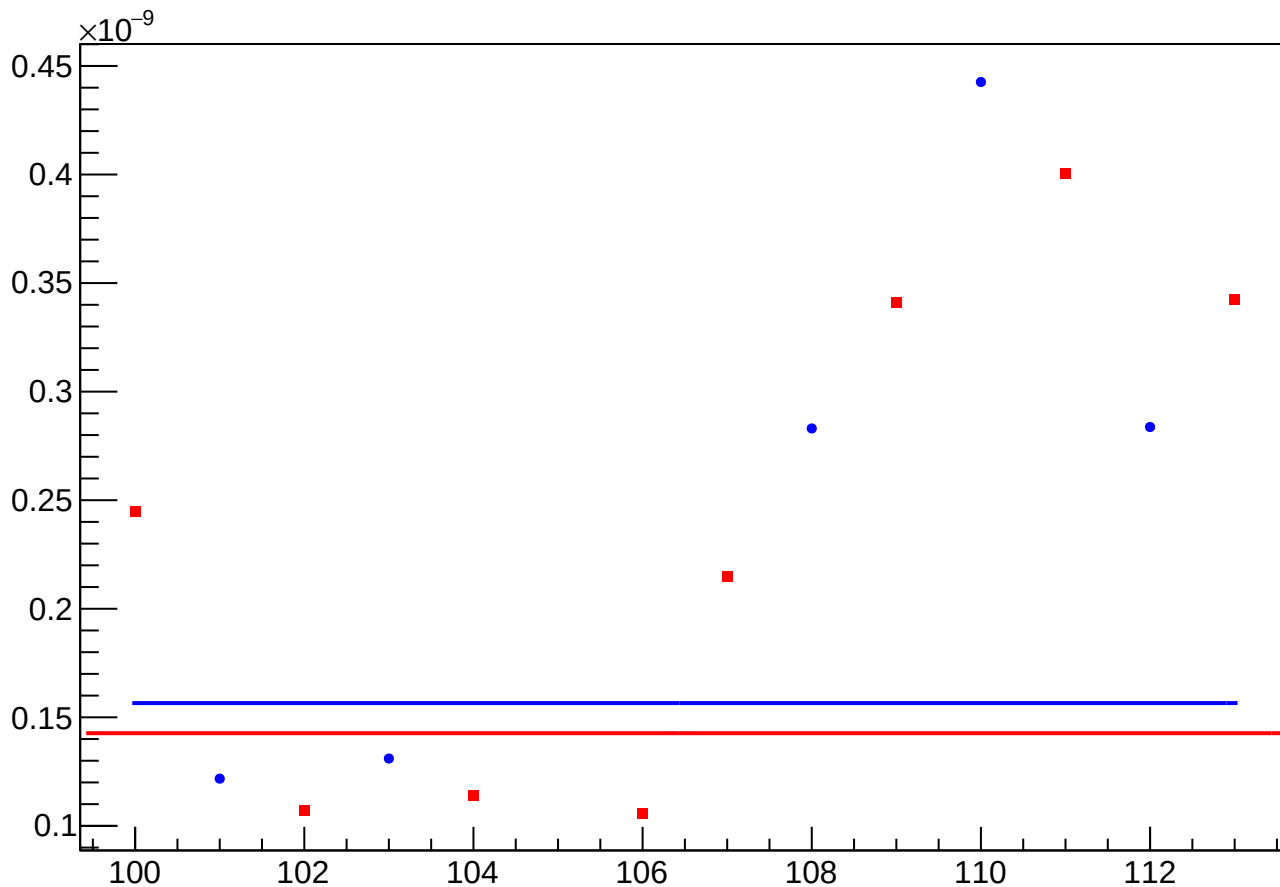
Right: -0.000+/-0.000 χ^2/NDF : 14.9/12

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 : 14.9/12

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 : 903092.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

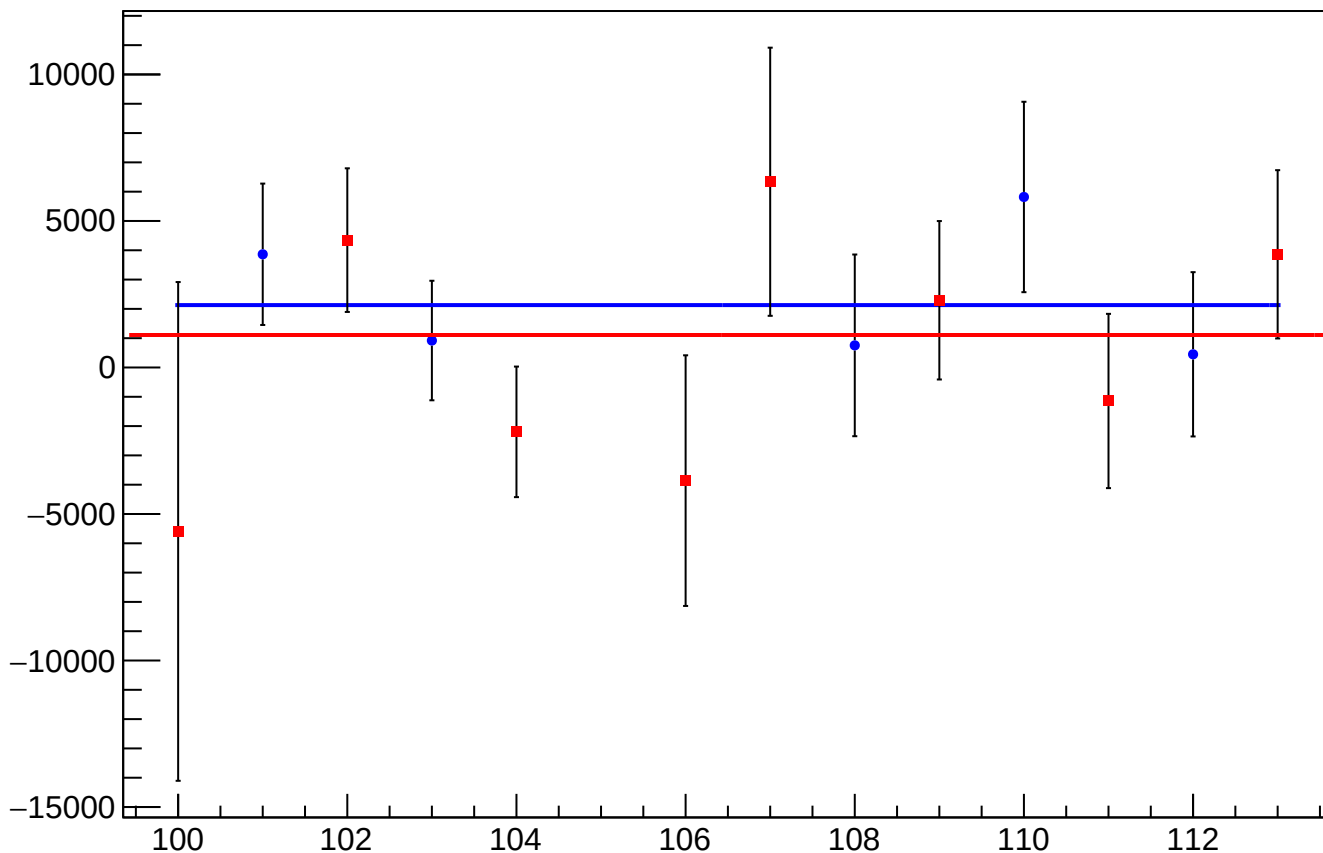
Right: 0.000+/-0.000 χ^2/NDF : 1470296.9/12

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 : 1470296.9/12

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: 1108.631+/-1081.243 χ^2/NDF : 8.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

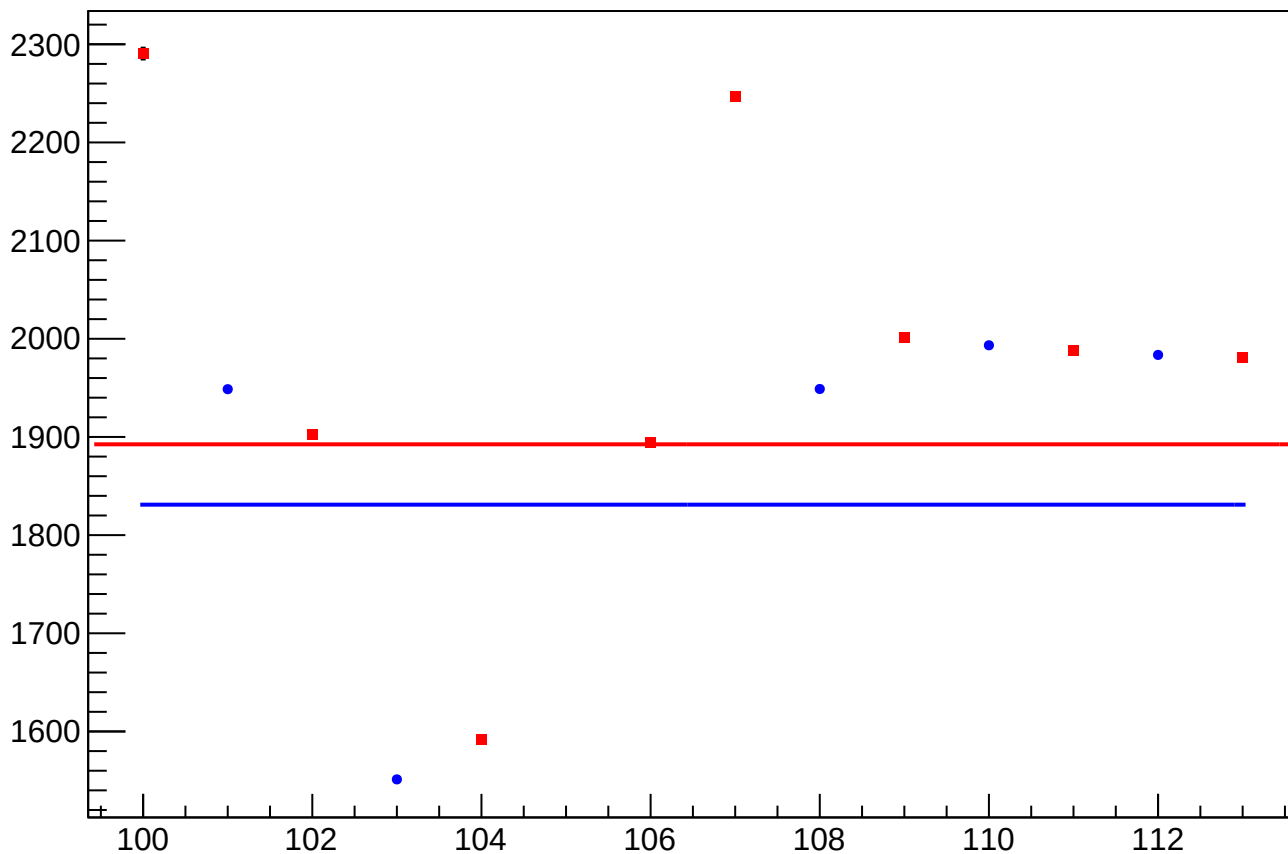
Right: 1581.485+/-792.143 χ^2/NDF : 12.0/12

In: 2129.331+/-1163.829 χ^2/NDF : 2.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1581.485+/-792.143 χ^2/NDF : 12.0/12

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: 1892.494+/-0.754 χ^2/NDF : 60099.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

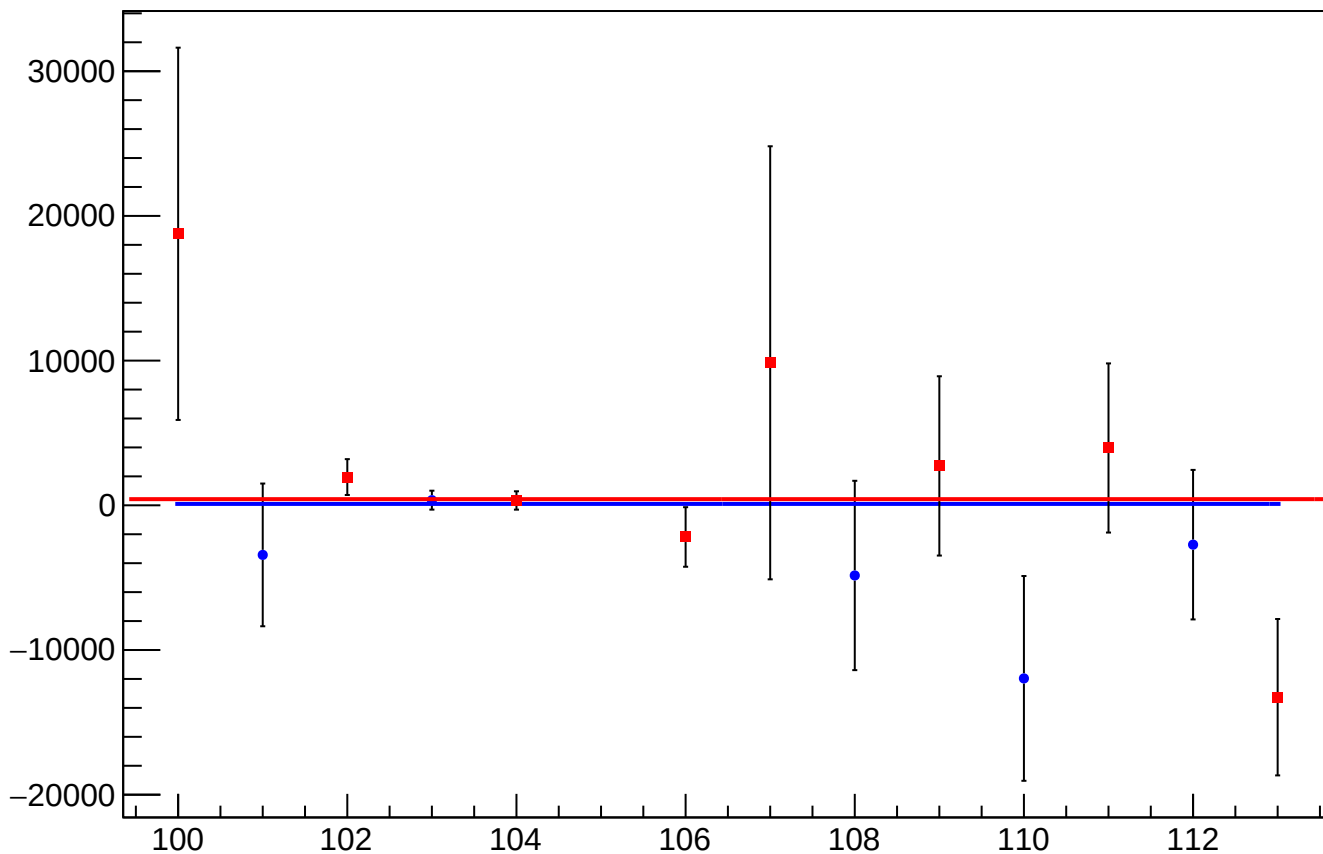
Right: 1864.421+/-0.556 χ^2/NDF : 119346.5/12

In: 1831.019+/-0.823 χ^2/NDF : 56215.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1864.421+/-0.556 χ^2/NDF : 119346.5/12

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: 425.541+/-536.478 χ^2/NDF : 12.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

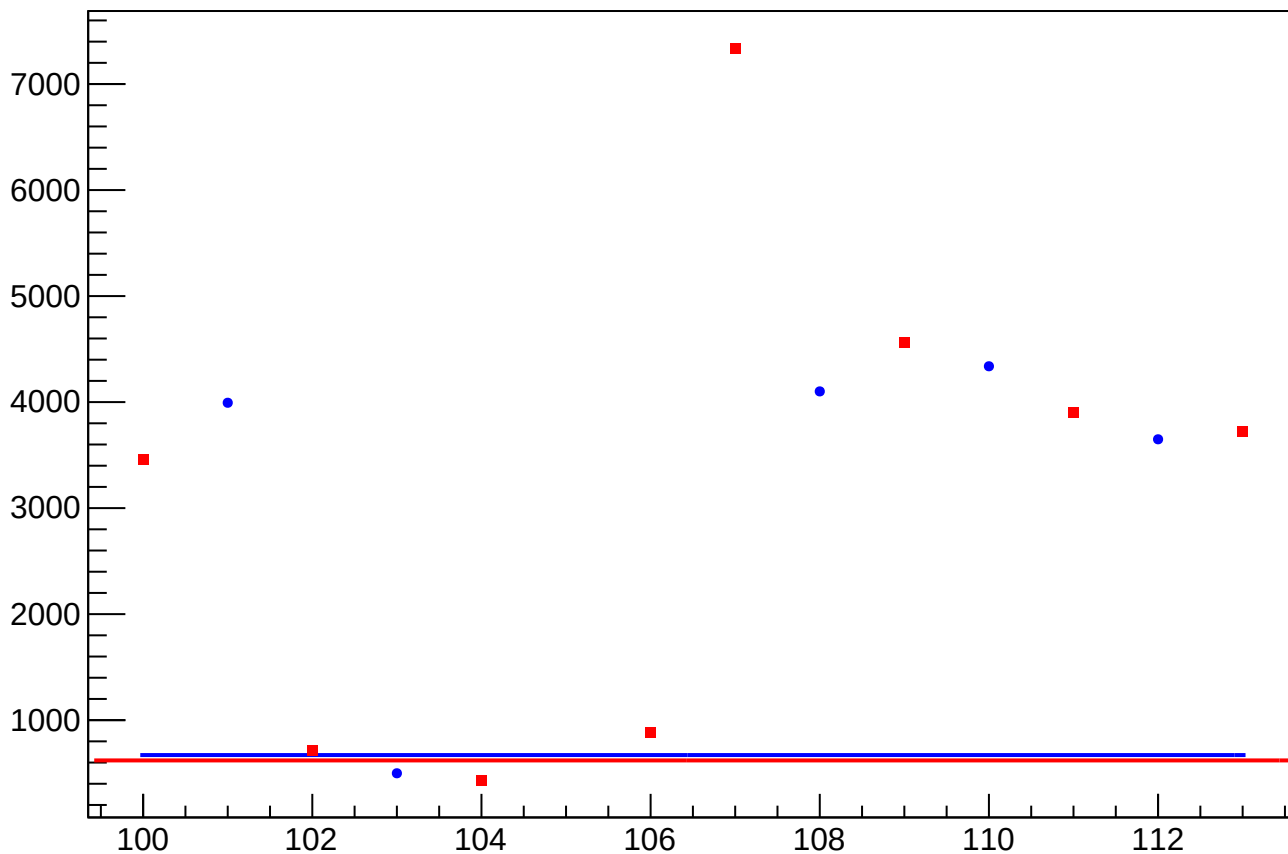
Right: 289.139+/-410.494 χ^2/NDF : 17.1/12

In: 96.485+/-637.576 χ^2/NDF : 4.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 289.139+/-410.494 χ^2/NDF : 17.1/12

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: 620.126+/-0.379 χ^2/NDF : 2829883.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

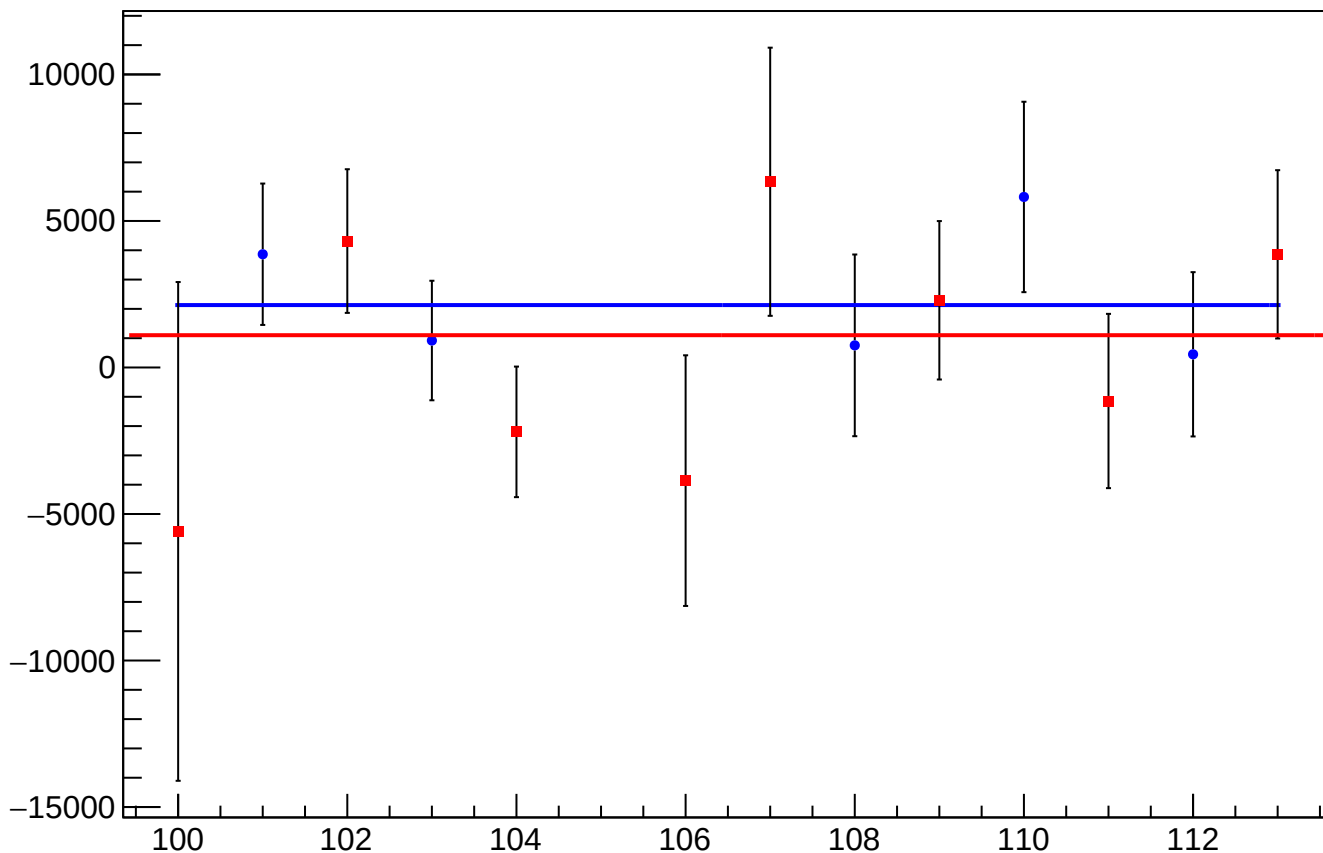
Right: 641.082+/-0.290 χ^2/NDF : 5634949.7/12

In: 670.681+/-0.451 χ^2/NDF : 2797704.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 641.082+/-0.290 χ^2/NDF : 5634949.7/12

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: 1101.847+/-1081.268 χ^2/NDF : 8.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

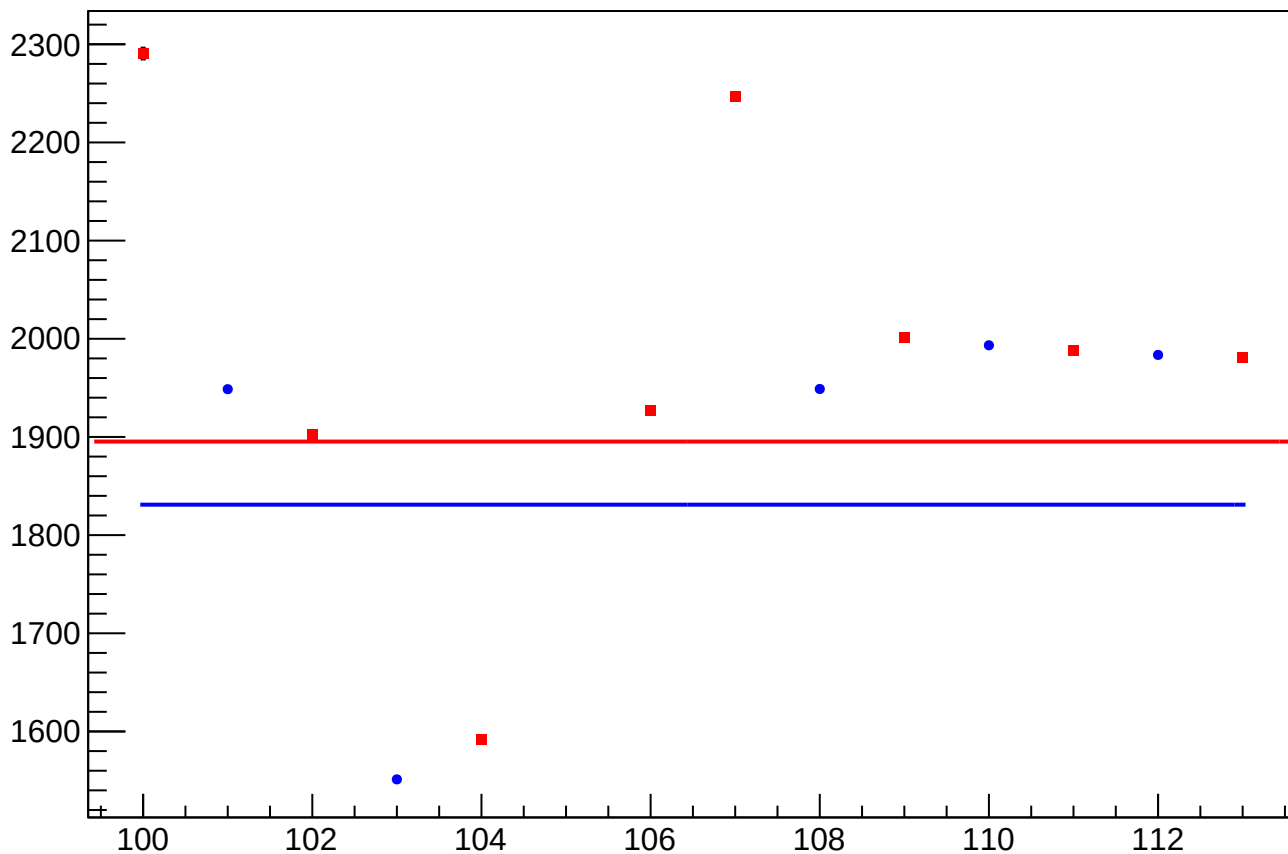
Right: 1578.066+/-792.153 χ^2/NDF : 12.0/12

In: 2129.786+/-1163.829 χ^2/NDF : 2.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1578.066+/-792.153 χ^2/NDF : 12.0/12

cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1831.018 $\pm$ 0.823 χ^2/NDF : 56215.3/4

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

Right Out: 1895.302 $\pm$ 0.755 χ^2/NDF : 60264.3/7

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

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

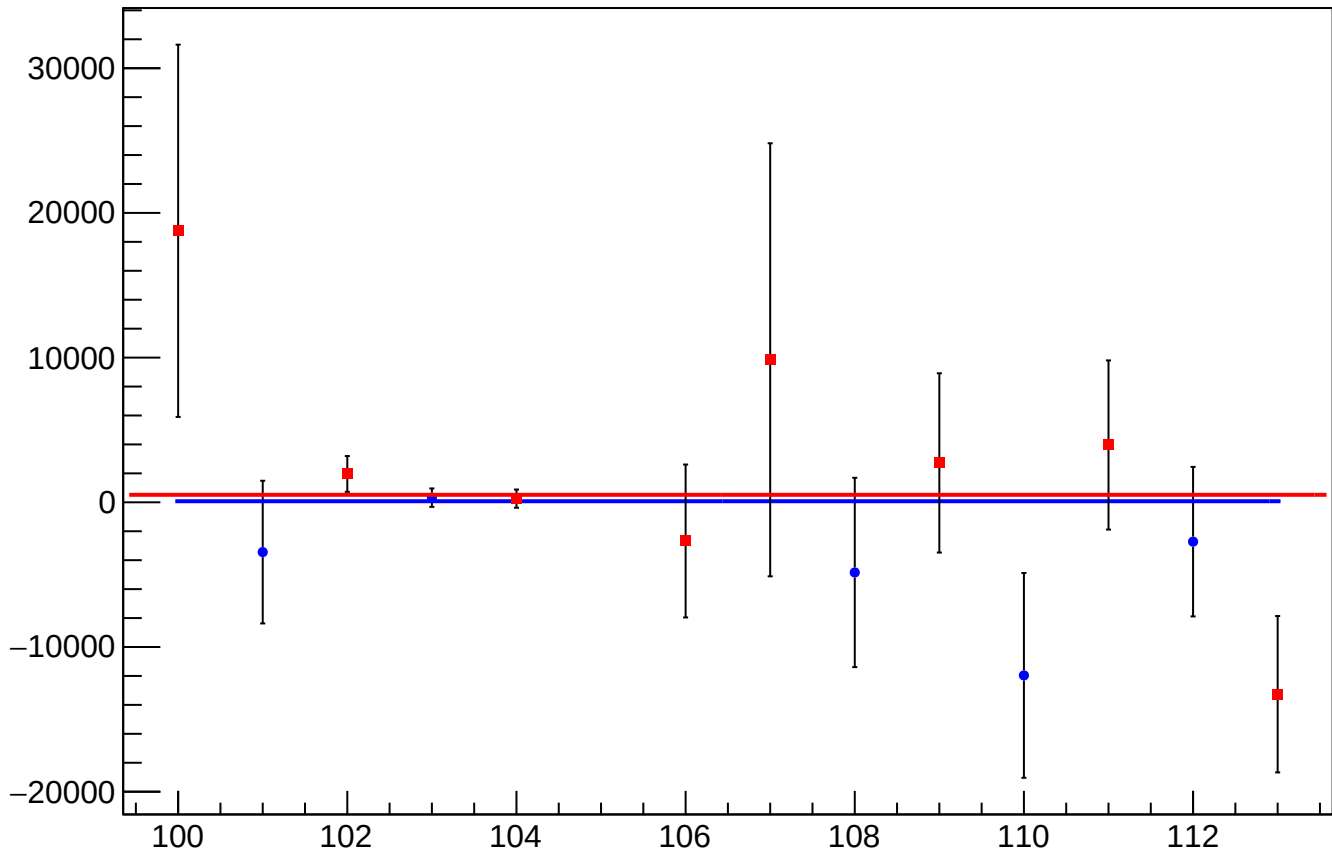
Right: 1865.903 $\pm$ 0.557 χ^2/NDF : 119790.9/12

In: 1831.018 $\pm$ 0.823 χ^2/NDF : 56215.3/4

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

All: 1865.903 $\pm$ 0.557 χ^2/NDF : 119790.9/12

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: 518.722+/-549.682 χ^2/NDF : 11.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

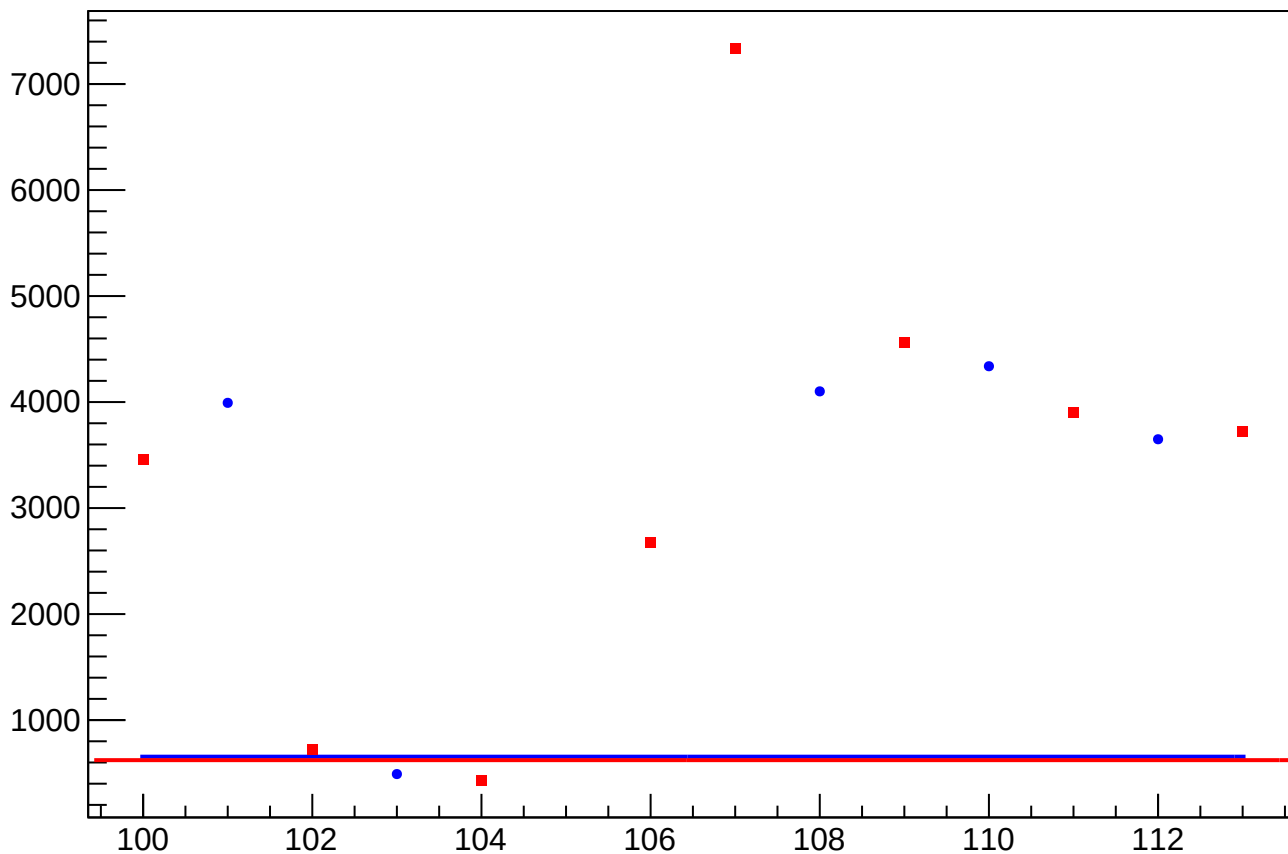
Right: 324.160+/-411.983 χ^2/NDF : 16.0/12

In: 74.781+/-622.318 χ^2/NDF : 4.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 324.160+/-411.983 χ^2/NDF : 16.0/12

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: 622.045+/-0.389 χ^2/NDF : 3103872.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

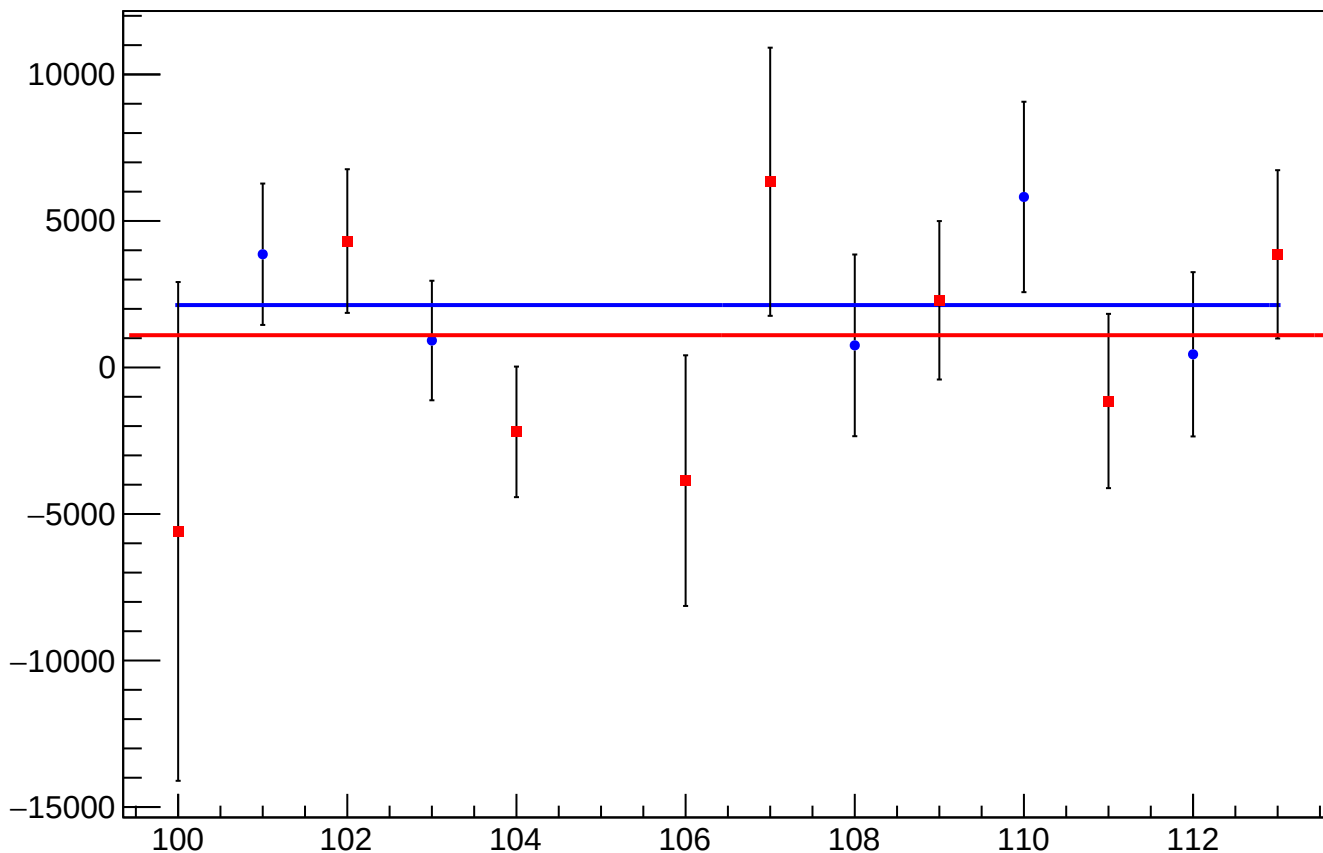
Right: 636.403+/-0.291 χ^2/NDF : 5924589.4/12

In: 654.807+/-0.440 χ^2/NDF : 2817603.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 636.403+/-0.291 χ^2/NDF : 5924589.4/12

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: 1101.847+/-1081.268 χ^2/NDF : 8.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

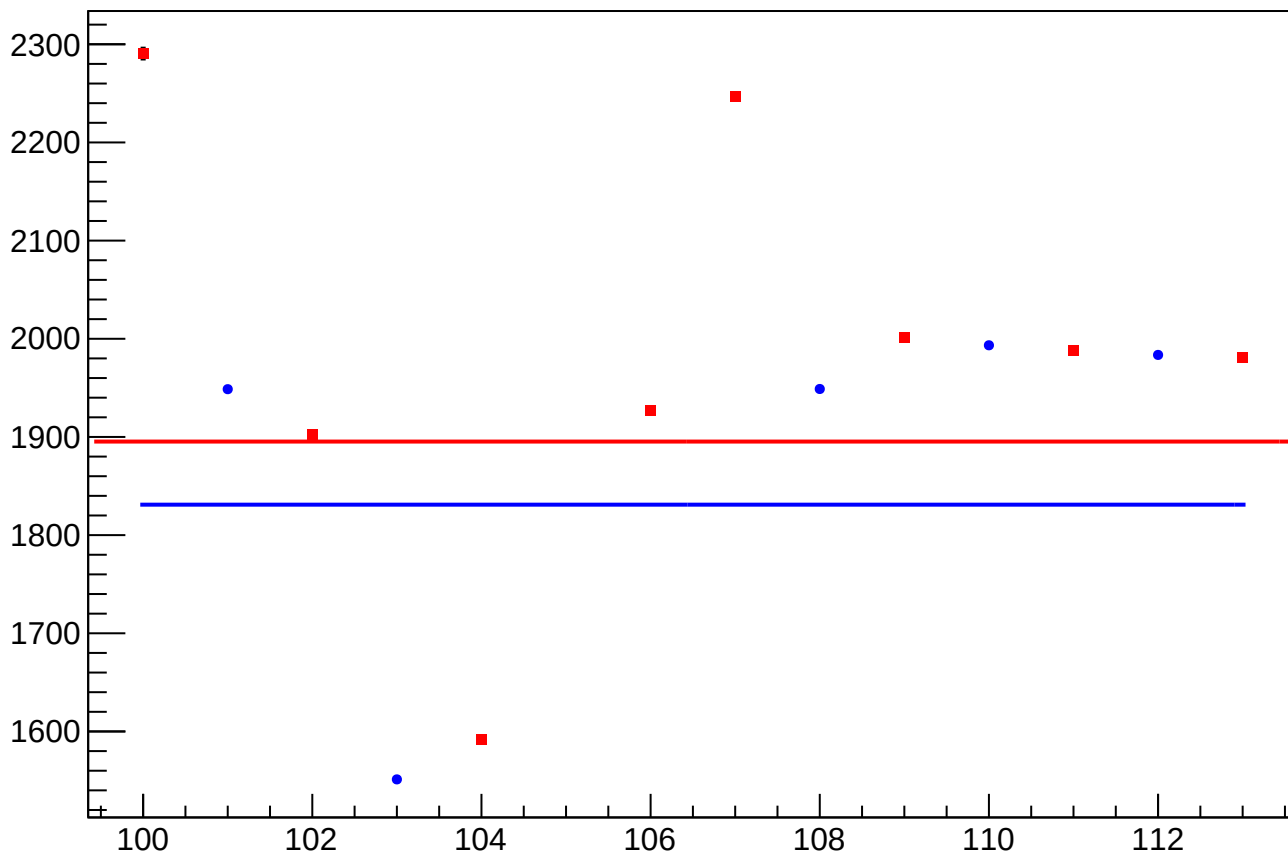
Right: 1578.066+/-792.153 χ^2/NDF : 12.0/12

In: 2129.786+/-1163.829 χ^2/NDF : 2.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1578.066+/-792.153 χ^2/NDF : 12.0/12

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: 1895.302+/-0.755 χ^2/NDF : 60264.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

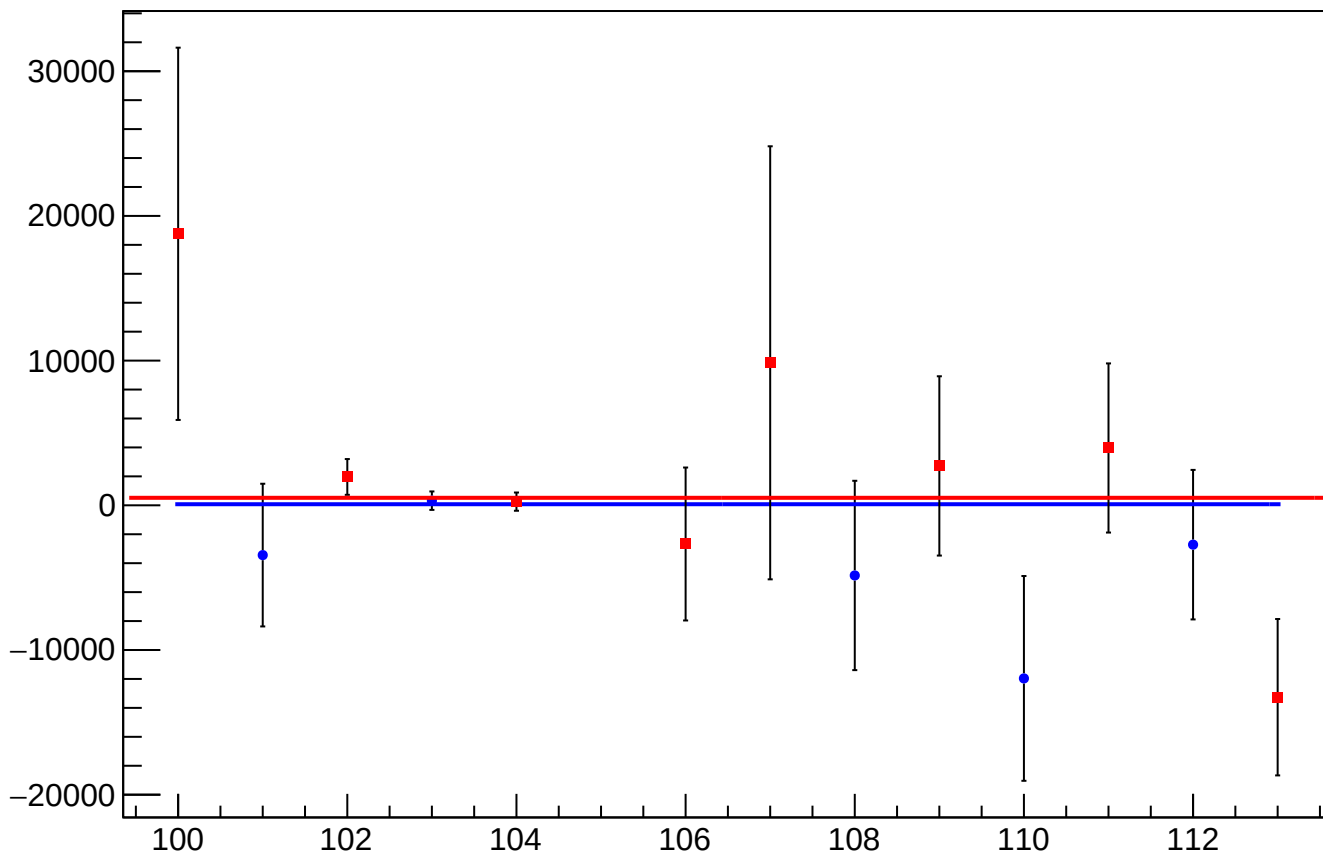
Right: 1865.903+/-0.557 χ^2/NDF : 119790.9/12

In: 1831.018+/-0.823 χ^2/NDF : 56215.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1865.903+/-0.557 χ^2/NDF : 119790.9/12

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: 518.722+/-549.682 χ^2/NDF : 11.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

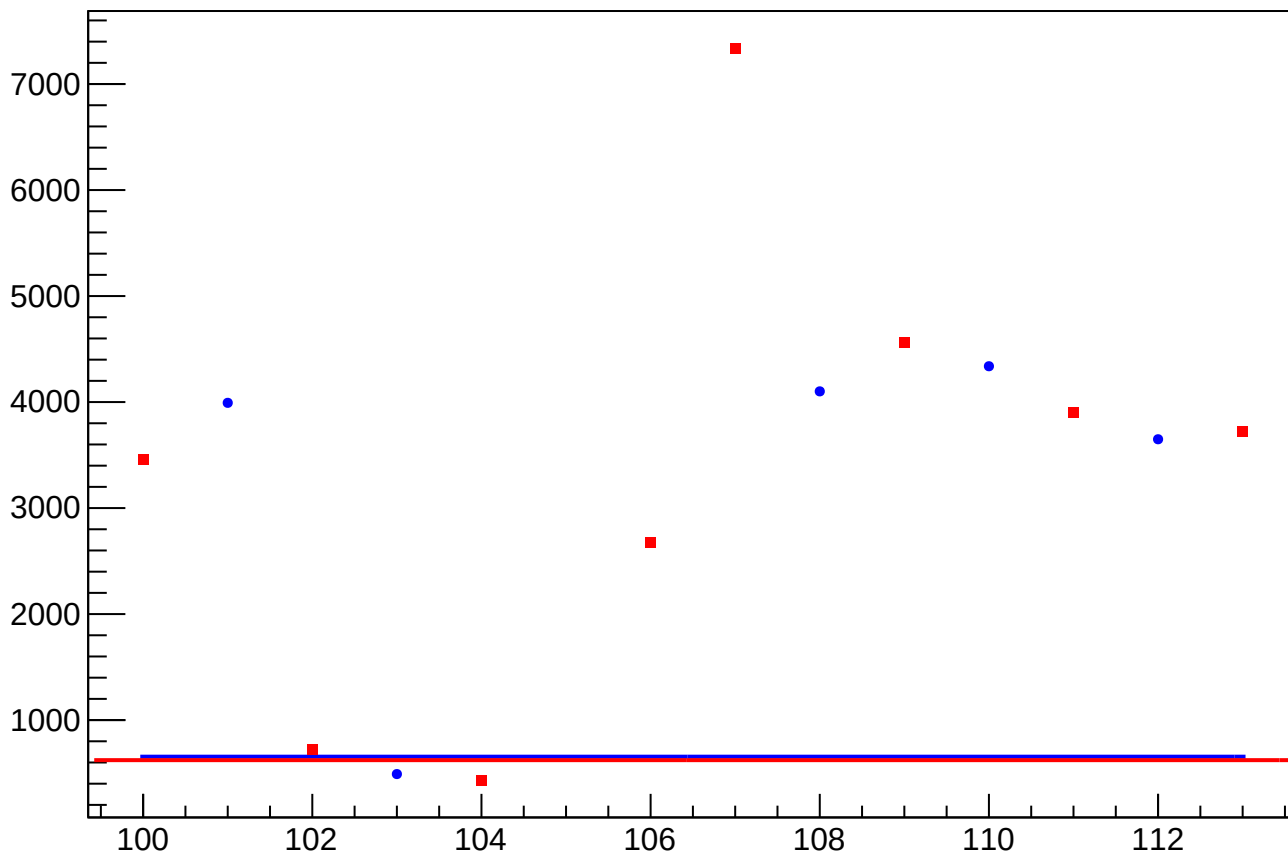
Right: 324.160+/-411.983 χ^2/NDF : 16.0/12

In: 74.781+/-622.318 χ^2/NDF : 4.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 324.160+/-411.983 χ^2/NDF : 16.0/12

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: 622.045+/-0.389 χ^2/NDF : 3103872.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

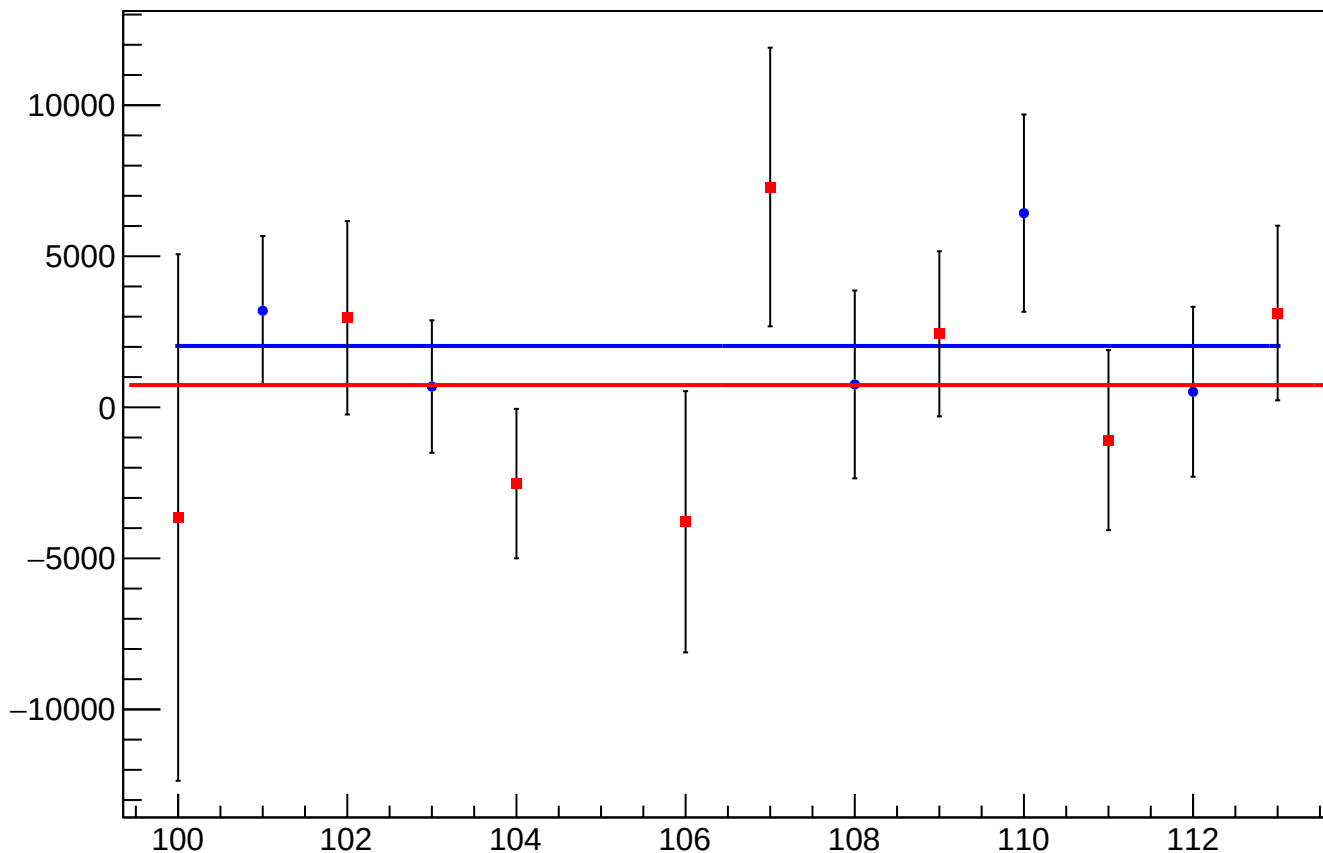
Right: 636.403+/-0.291 χ^2/NDF : 5924589.4/12

In: 654.807+/-0.440 χ^2/NDF : 2817603.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 636.403+/-0.291 χ^2/NDF : 5924589.4/12

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2031.138+/-1199.529 χ^2/NDF : 2.9/4

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

Right Out: 736.357+/-1161.765 χ^2/NDF : 7.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

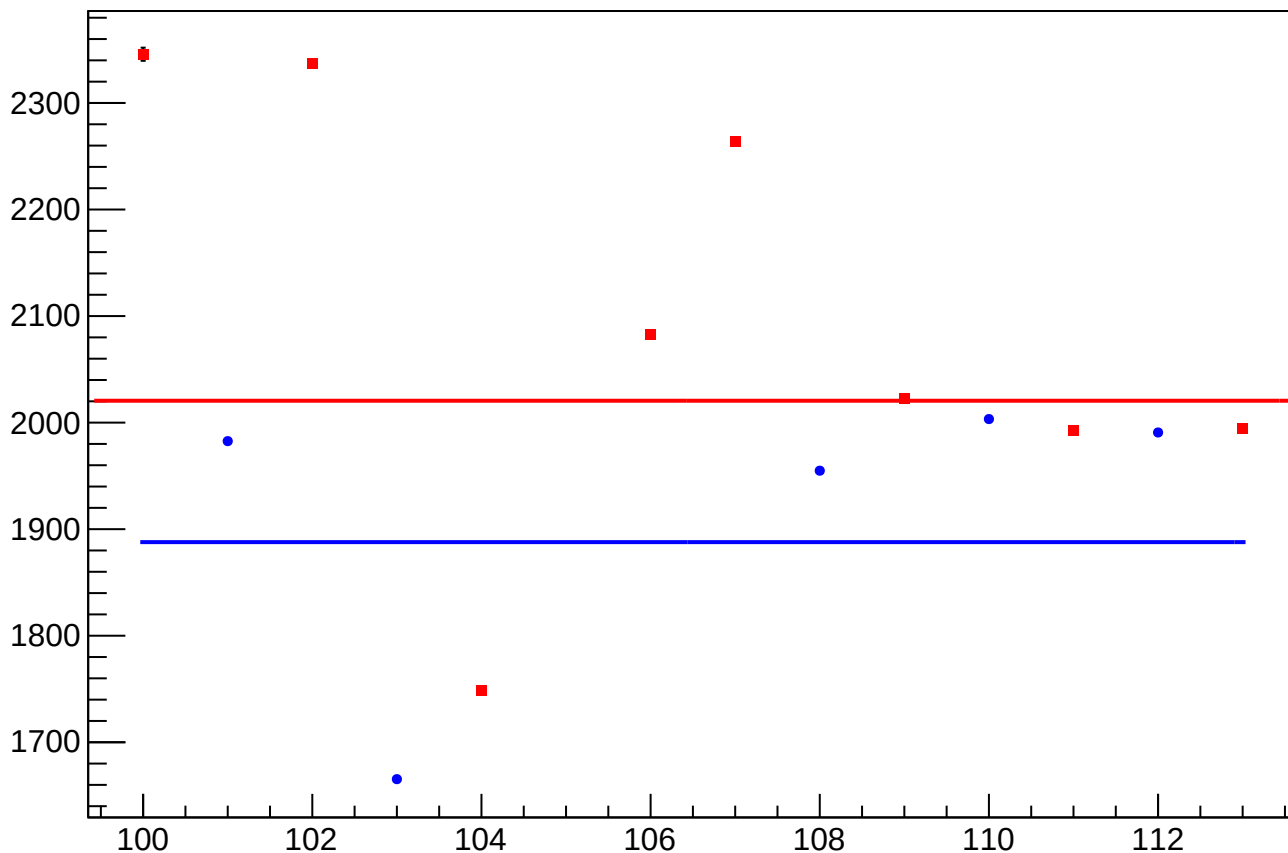
Right: 1363.045+/-834.523 χ^2/NDF : 10.5/12

In: 2031.138+/-1199.529 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1363.045+/-834.523 χ^2/NDF : 10.5/12

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1887.835 $\pm$ 0.848 χ^2 /NDF: 29630.4/4

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

Right Out: 2020.543 $\pm$ 0.816 χ^2 /NDF: 52913.8/7

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

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

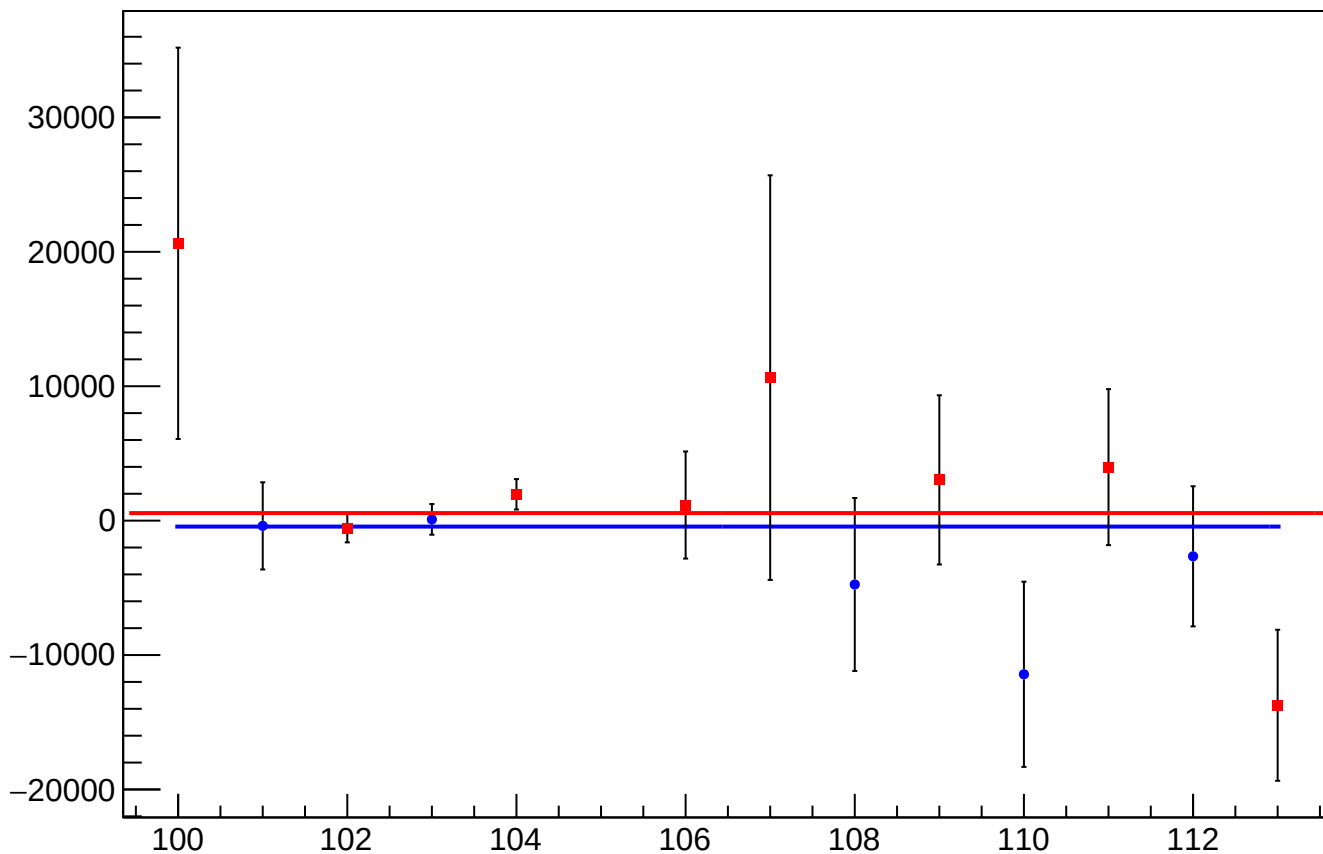
Right: 1956.775 $\pm$ 0.588 χ^2 /NDF: 95261.0/12

In: 1887.835 $\pm$ 0.848 χ^2 /NDF: 29630.4/4

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

All: 1956.775 $\pm$ 0.588 χ^2 /NDF: 95261.0/12

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: 561.497+/-741.040 χ^2/NDF : 12.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

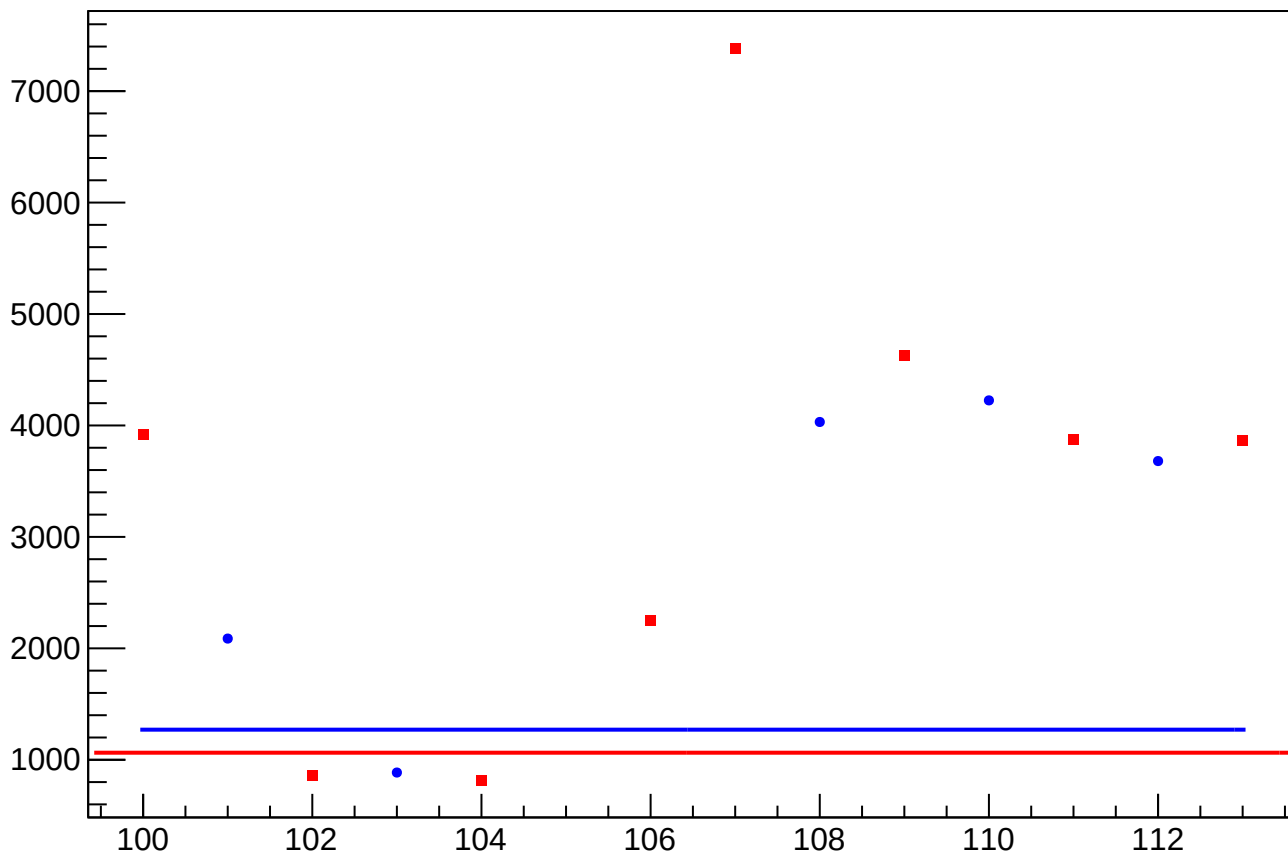
Right: 218.550+/-601.290 χ^2/NDF : 16.0/12

In: -442.424+/-1028.775 χ^2/NDF : 3.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 218.550+/-601.290 χ^2/NDF : 16.0/12

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: 1063.643+/-0.524 χ^2/NDF : 2390653.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

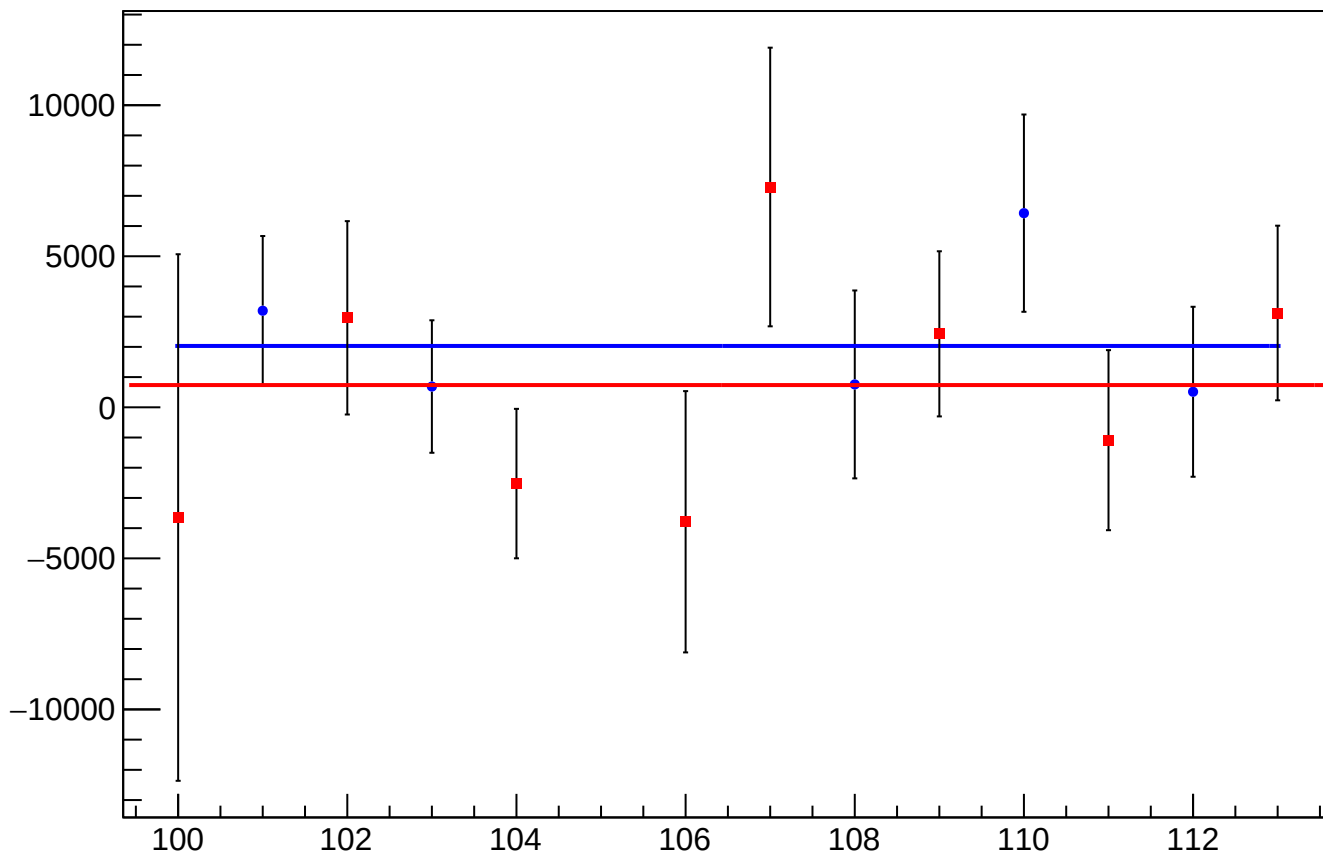
Right: 1134.247+/-0.425 χ^2/NDF : 3961573.7/12

In: 1270.325+/-0.727 χ^2/NDF : 1517773.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1134.247+/-0.425 χ^2/NDF : 3961573.7/12

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: 736.356+/-1161.764 χ^2/NDF : 7.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

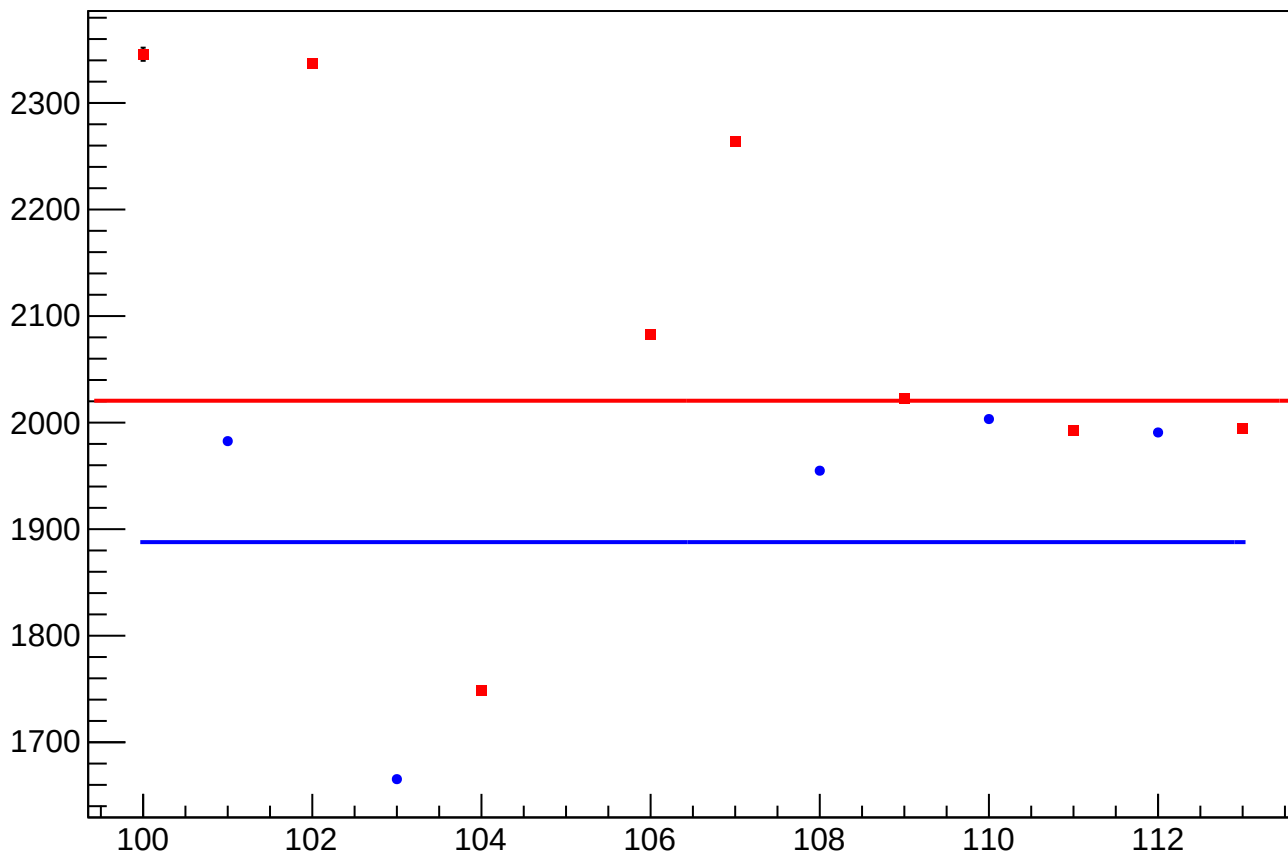
Right: 1363.046+/-834.523 χ^2/NDF : 10.5/12

In: 2031.141+/-1199.528 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1363.046+/-834.523 χ^2/NDF : 10.5/12

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: 2020.542+/-0.816 χ^2/NDF : 52914.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

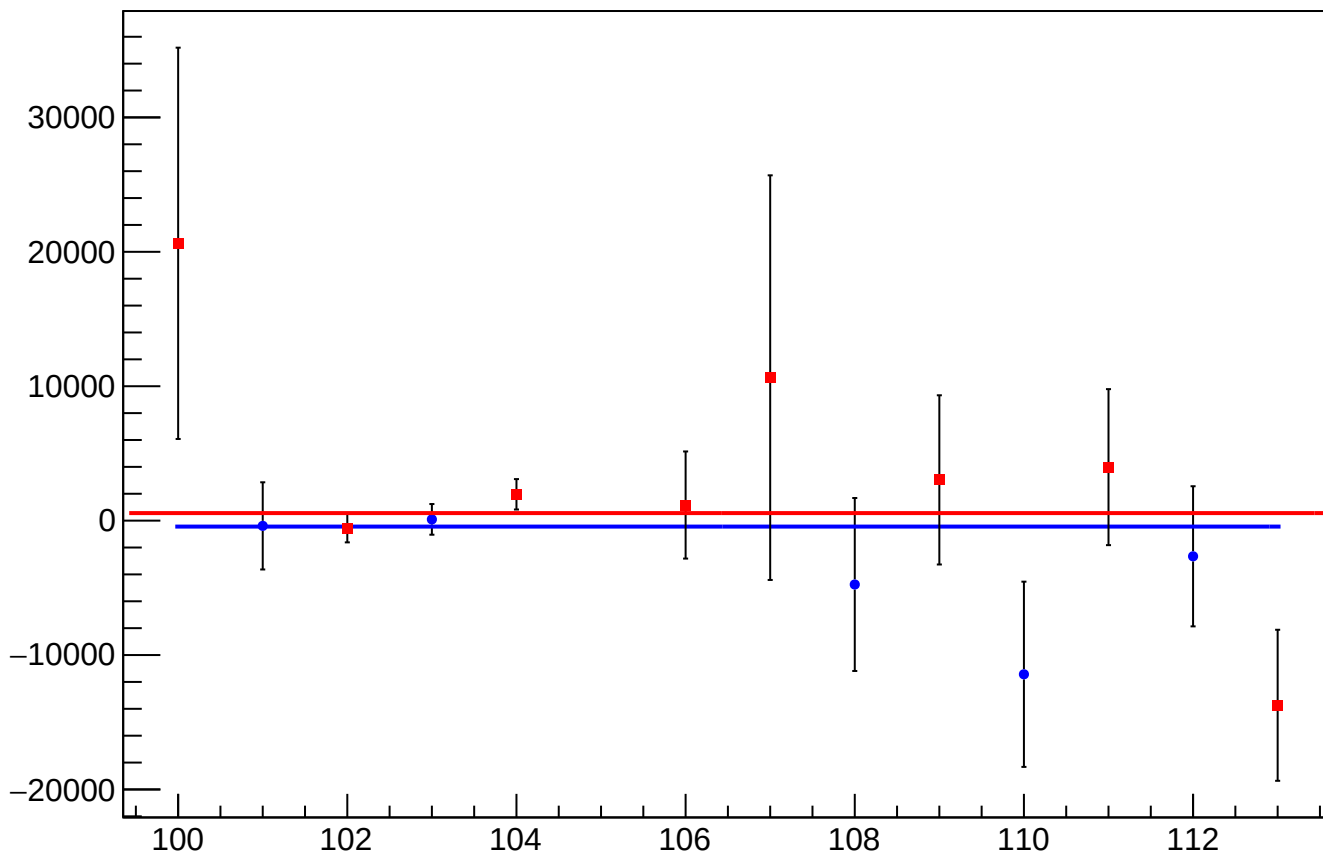
Right: 1956.774+/-0.588 χ^2/NDF : 95261.7/12

In: 1887.834+/-0.848 χ^2/NDF : 29630.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1956.774+/-0.588 χ^2/NDF : 95261.7/12

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: 561.494+/-741.034 χ^2/NDF : 12.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

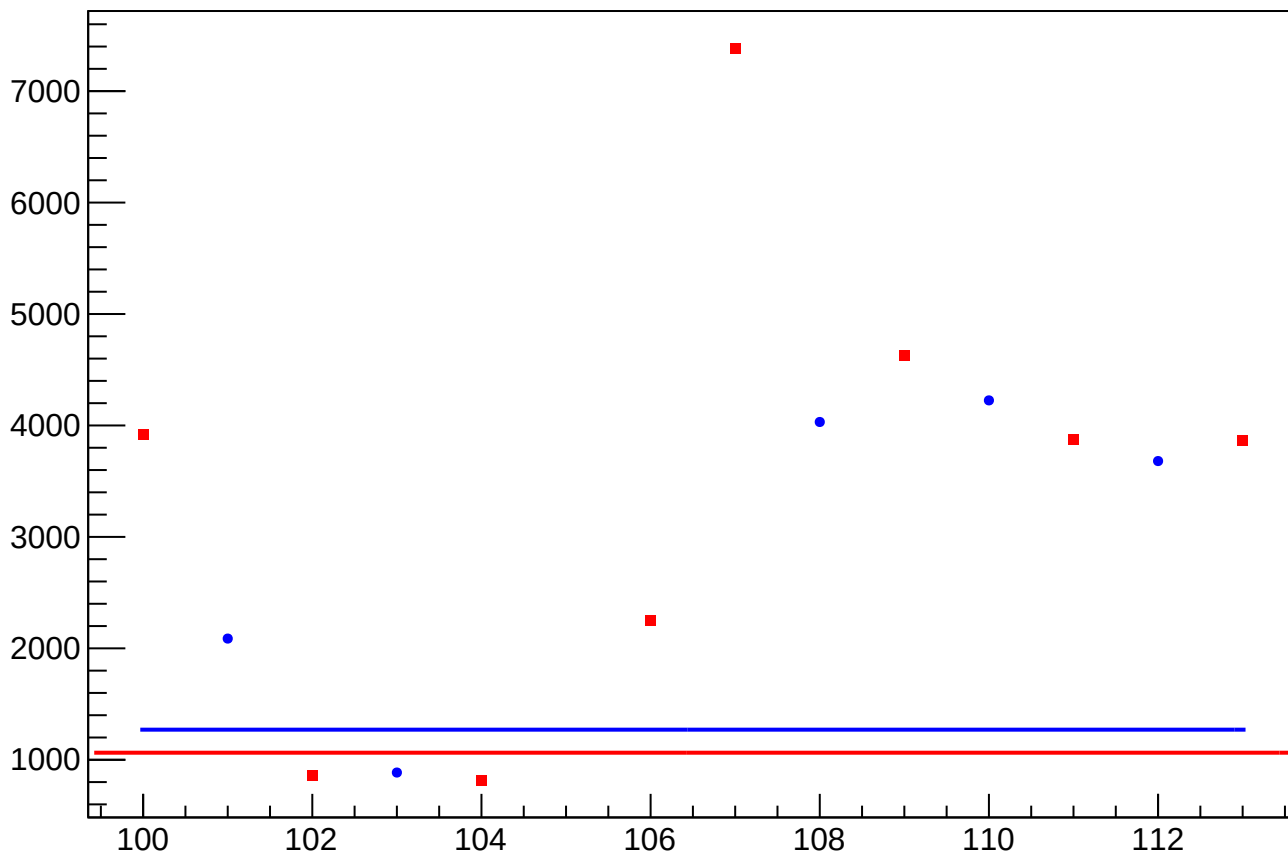
Right: 218.551+/-601.285 χ^2/NDF : 16.0/12

In: -442.416+/-1028.767 χ^2/NDF : 3.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 218.551+/-601.285 χ^2/NDF : 16.0/12

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: 1063.633+/-0.524 χ^2/NDF : 2390662.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

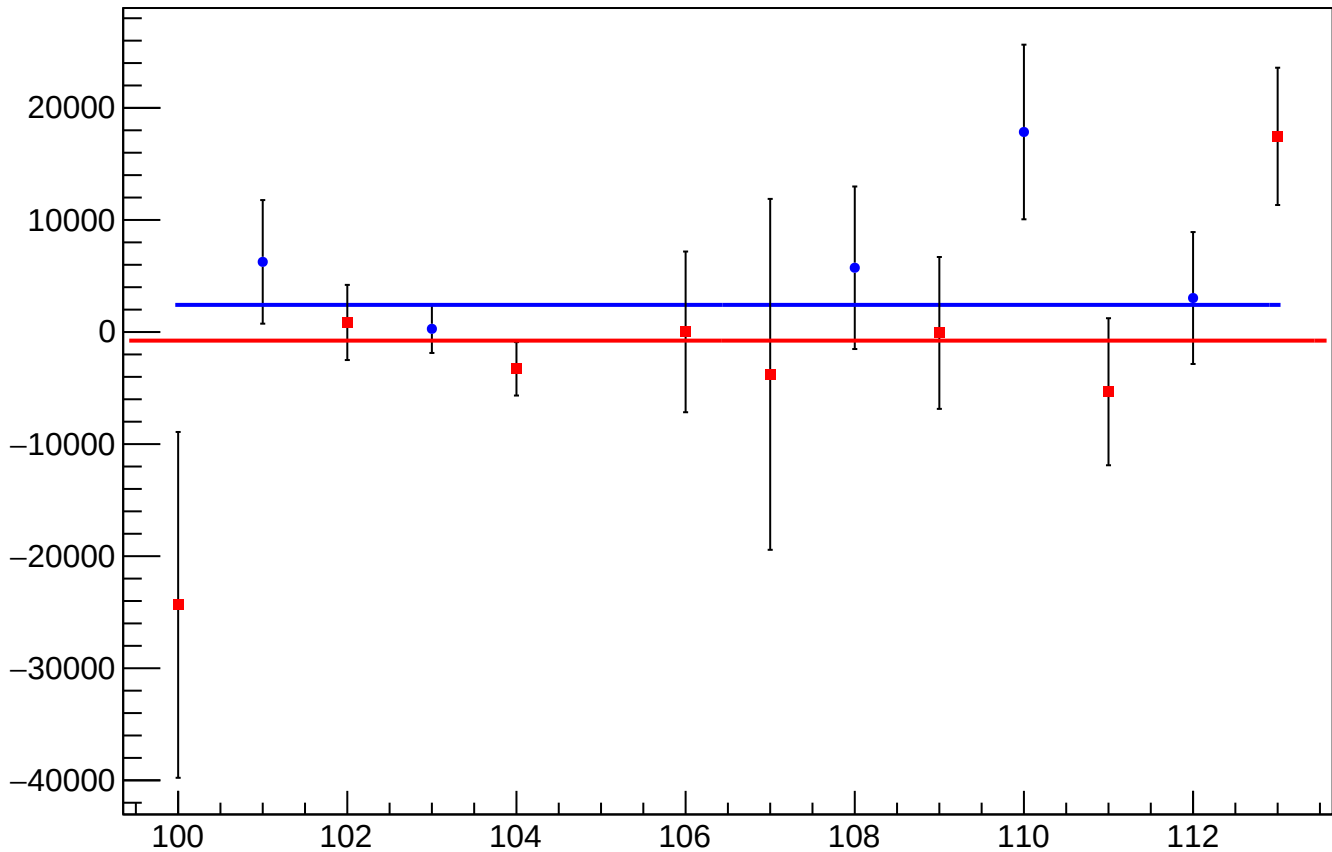
Right: 1134.236+/-0.425 χ^2/NDF : 3961589.2/12

In: 1270.313+/-0.727 χ^2/NDF : 1517779.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1134.236+/-0.425 χ^2/NDF : 3961589.2/12

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: -766.344+/-1656.967 χ^2/NDF : 13.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

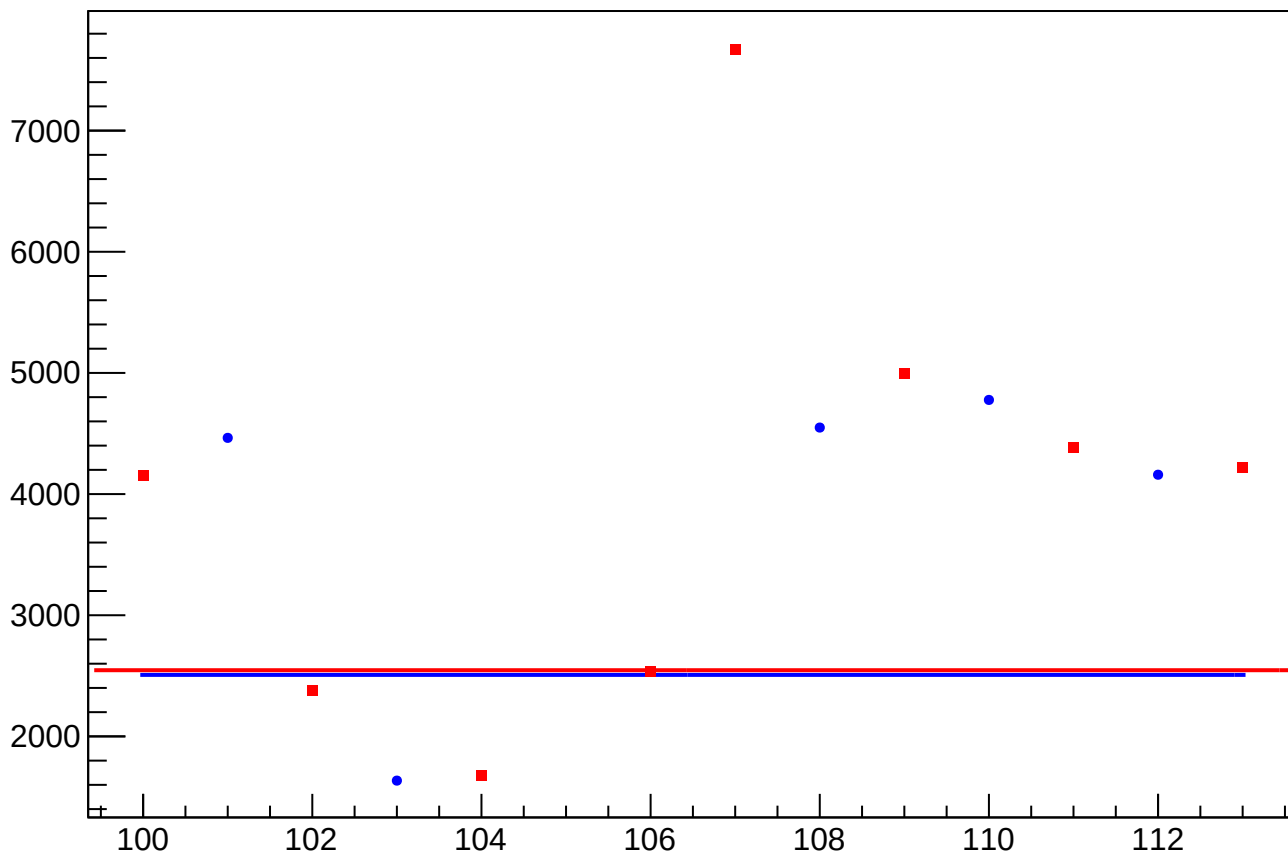
Right: 707.500+/-1215.185 χ^2/NDF : 20.4/12

In: 2422.727+/-1787.512 χ^2/NDF : 5.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 707.500+/-1215.185 χ^2/NDF : 20.4/12

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: 2546.261+/-1.140 χ^2/NDF : 1077309.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

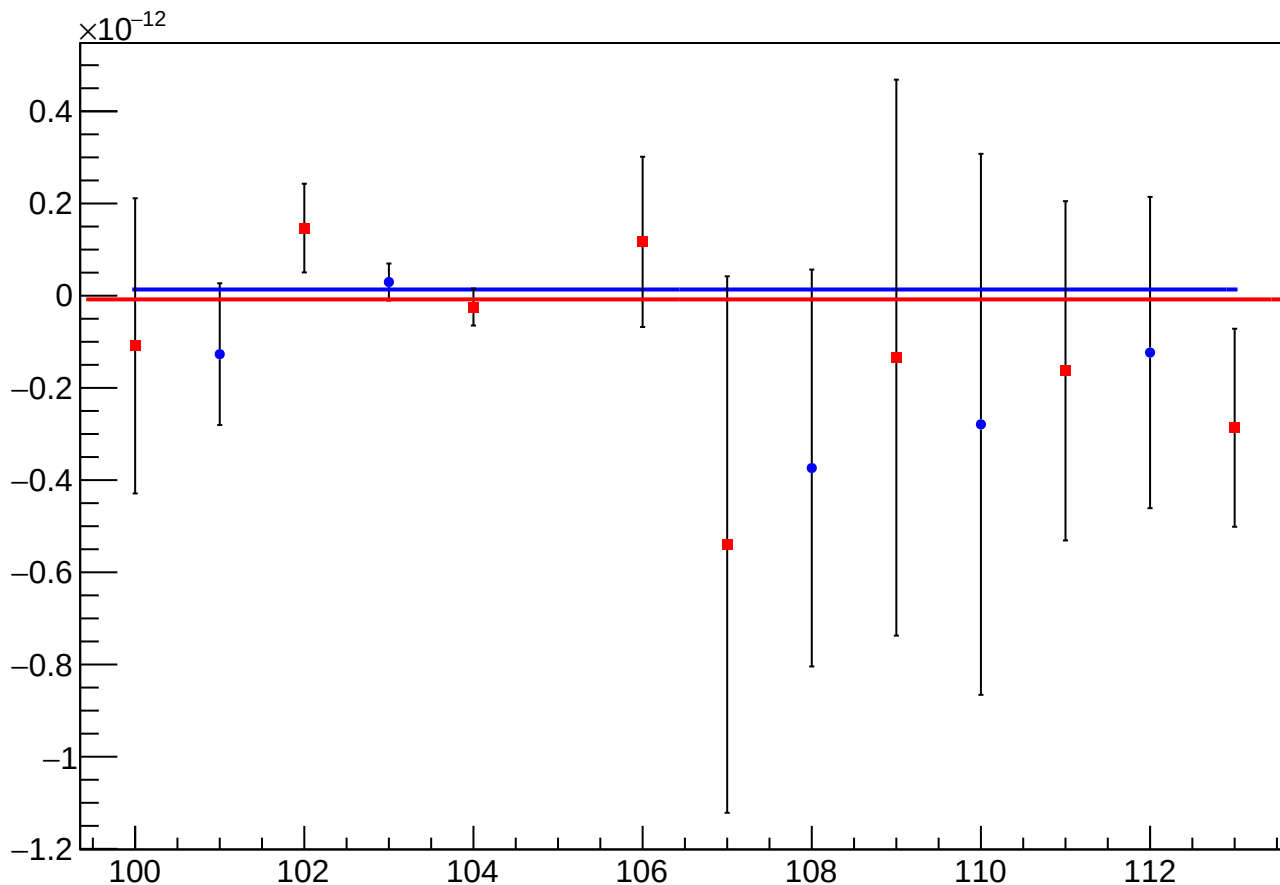
Right: 2528.976+/-0.846 χ^2/NDF : 2144009.4/12

In: 2507.717+/-1.264 χ^2/NDF : 1066186.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2528.976+/-0.846 χ^2/NDF : 2144009.4/12

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 : 6.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

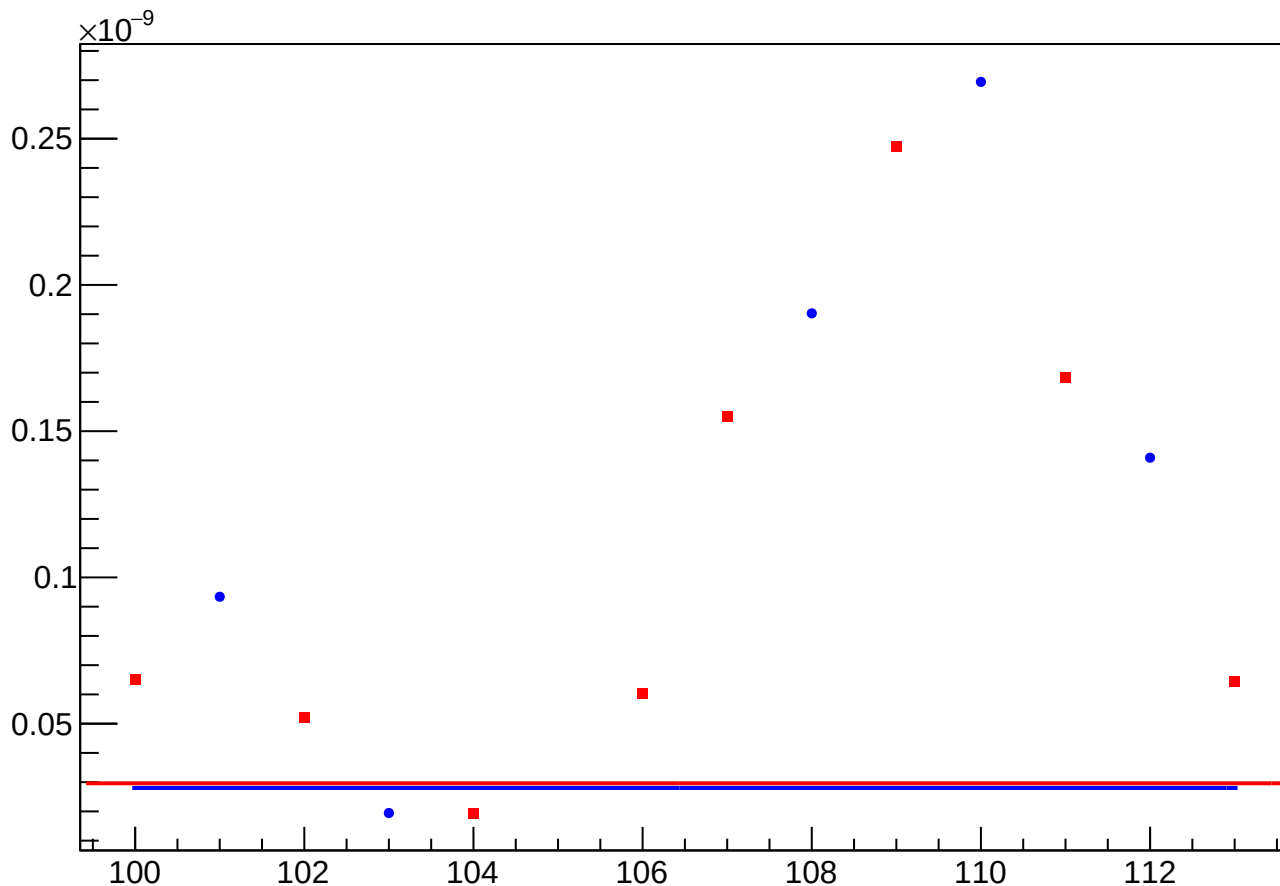
Right: 0.000+/-0.000 χ^2/NDF : 8.4/12

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 : 8.4/12

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 : 1016329.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

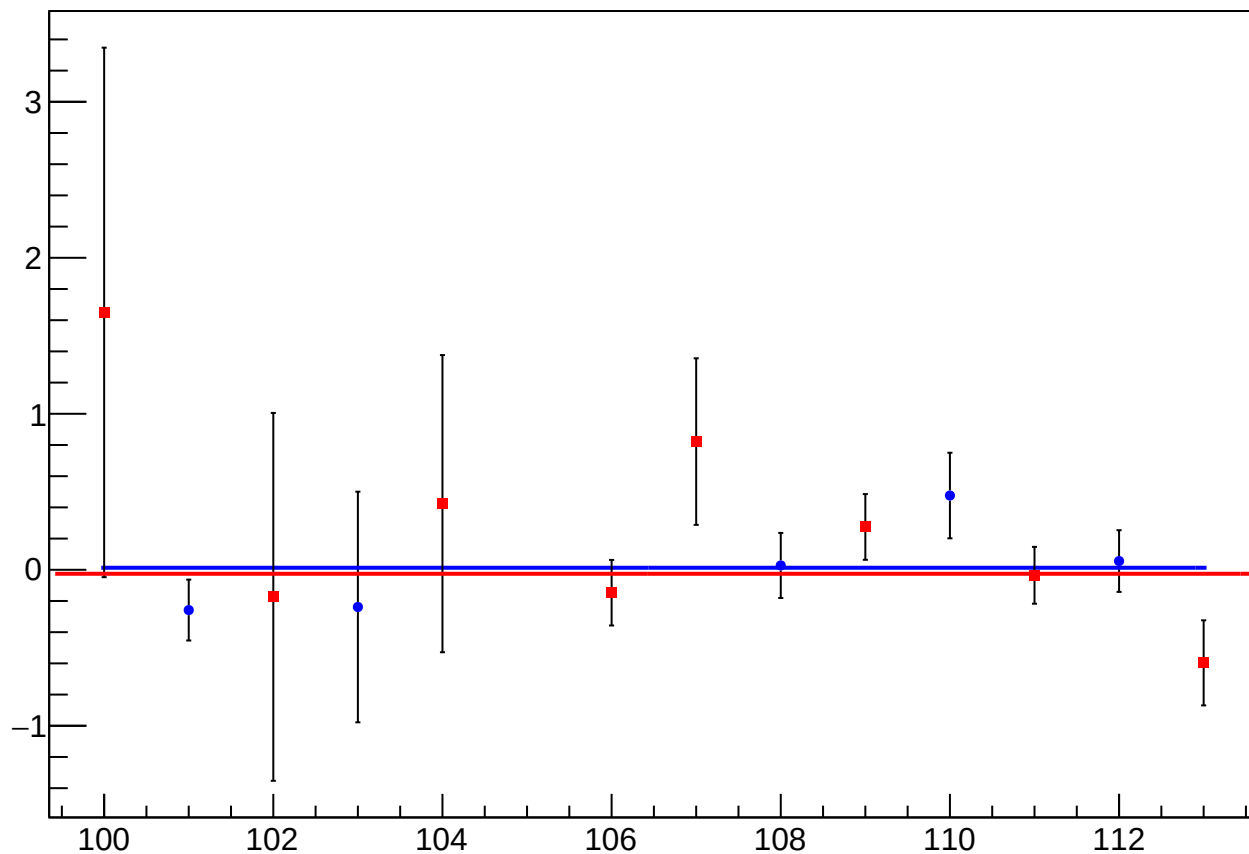
Right: 0.000+/-0.000 χ^2/NDF : 2317568.4/12

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 : 2317568.4/12

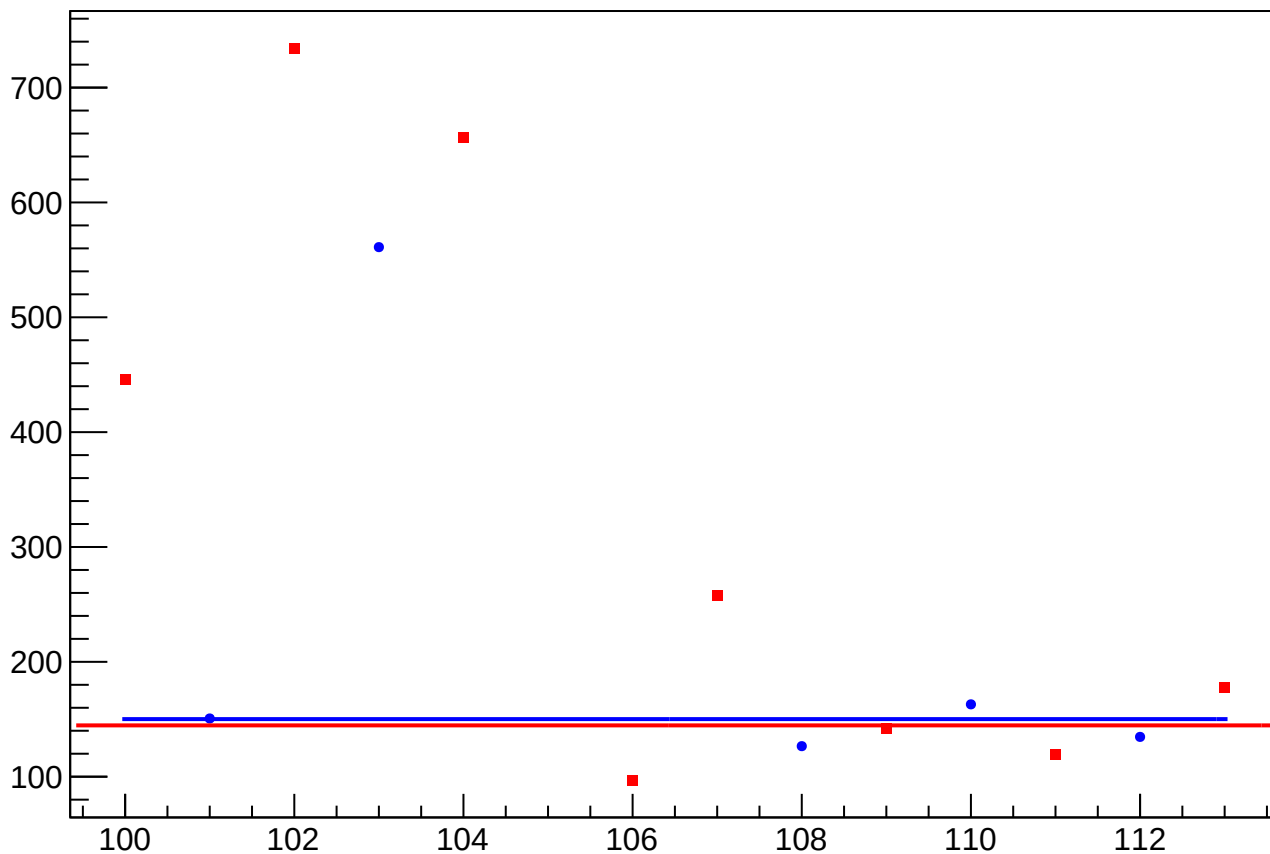
asym_atl_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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: -0.026 $\pm$ 0.103 χ^2 /NDF: 10.5/7
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.007 $\pm$ 0.074 χ^2 /NDF: 15.5/12
 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: -0.007 $\pm$ 0.074 χ^2 /NDF: 15.5/12

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: 144.670+/-0.073 χ^2/NDF : 1404034.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

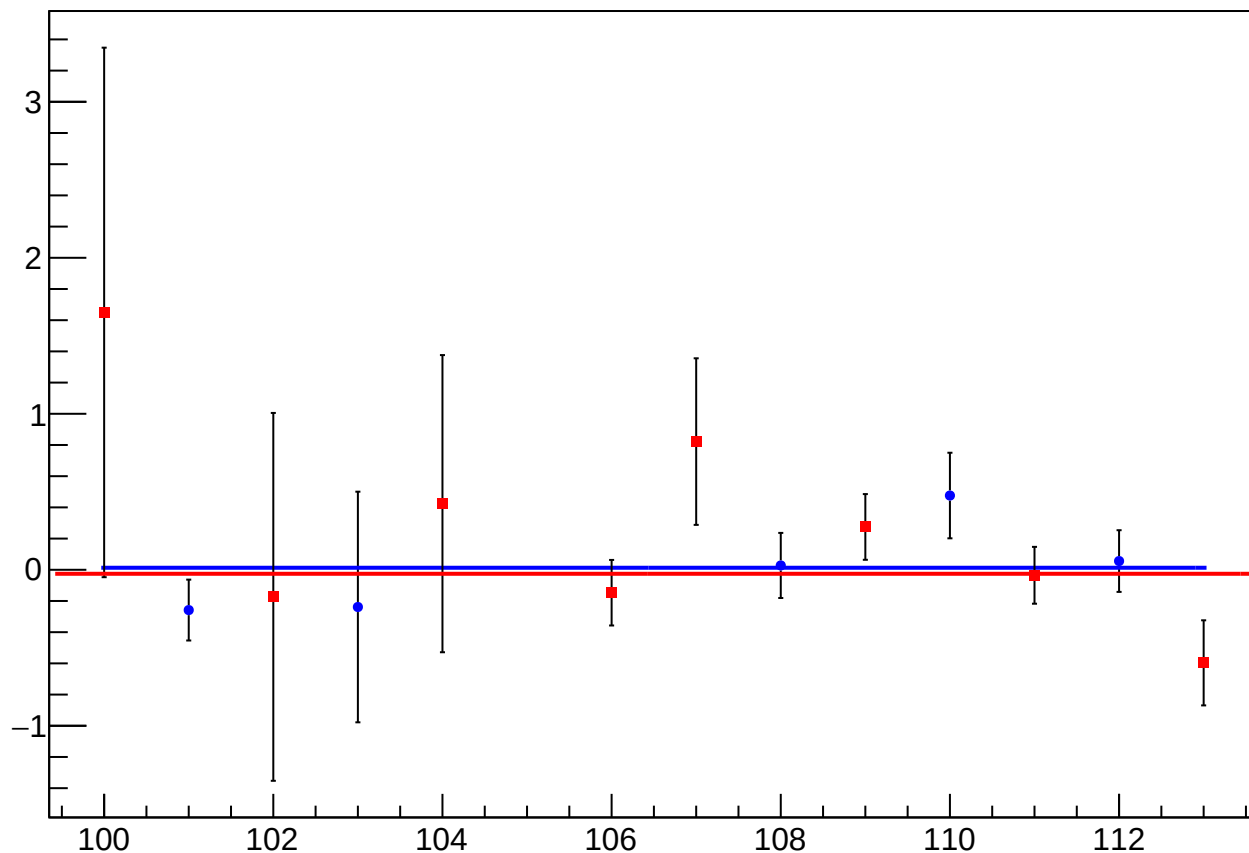
Right: 147.339+/-0.052 χ^2/NDF : 2067002.1/12

In: 150.141+/-0.075 χ^2/NDF : 660210.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.339+/-0.052 χ^2/NDF : 2067002.1/12

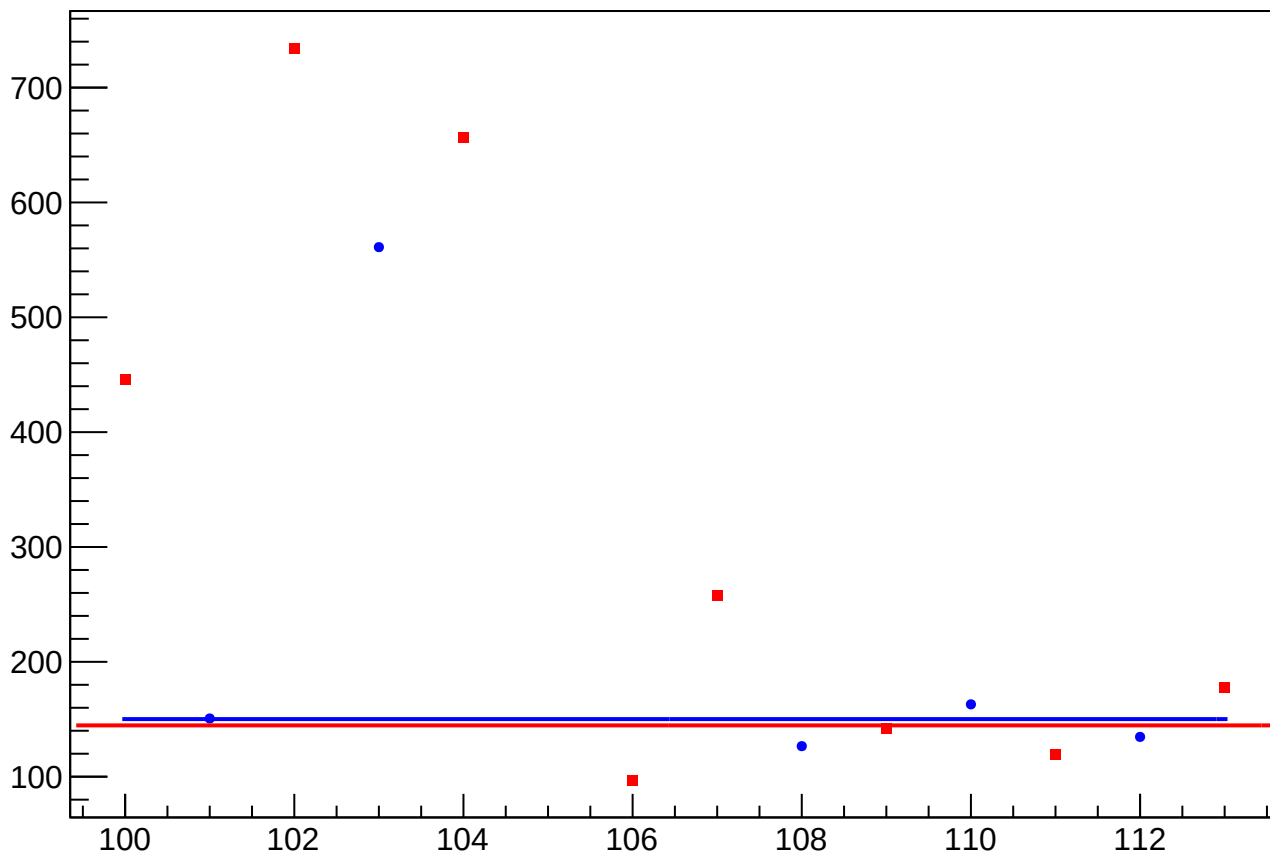
asym_atl_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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: -0.026 $\pm$ 0.103 χ^2 /NDF: 10.5/7
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.007 $\pm$ 0.074 χ^2 /NDF: 15.5/12
 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: -0.007 $\pm$ 0.074 χ^2 /NDF: 15.5/12

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: 144.670+/-0.073 χ^2/NDF : 1404034.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

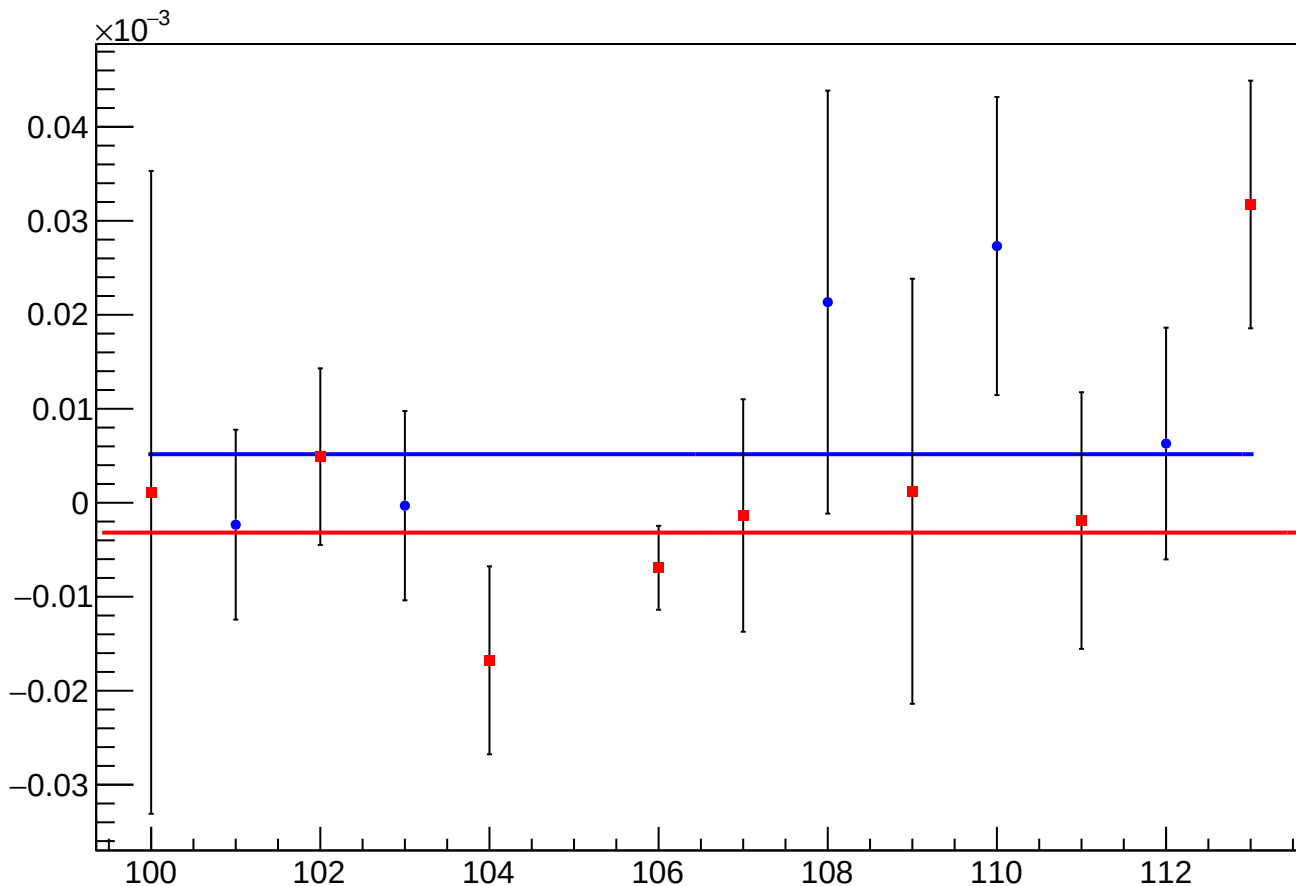
Right: 147.339+/-0.052 χ^2/NDF : 2067002.1/12

In: 150.141+/-0.075 χ^2/NDF : 660210.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.339+/-0.052 χ^2/NDF : 2067002.1/12

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 : 10.4/7

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

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

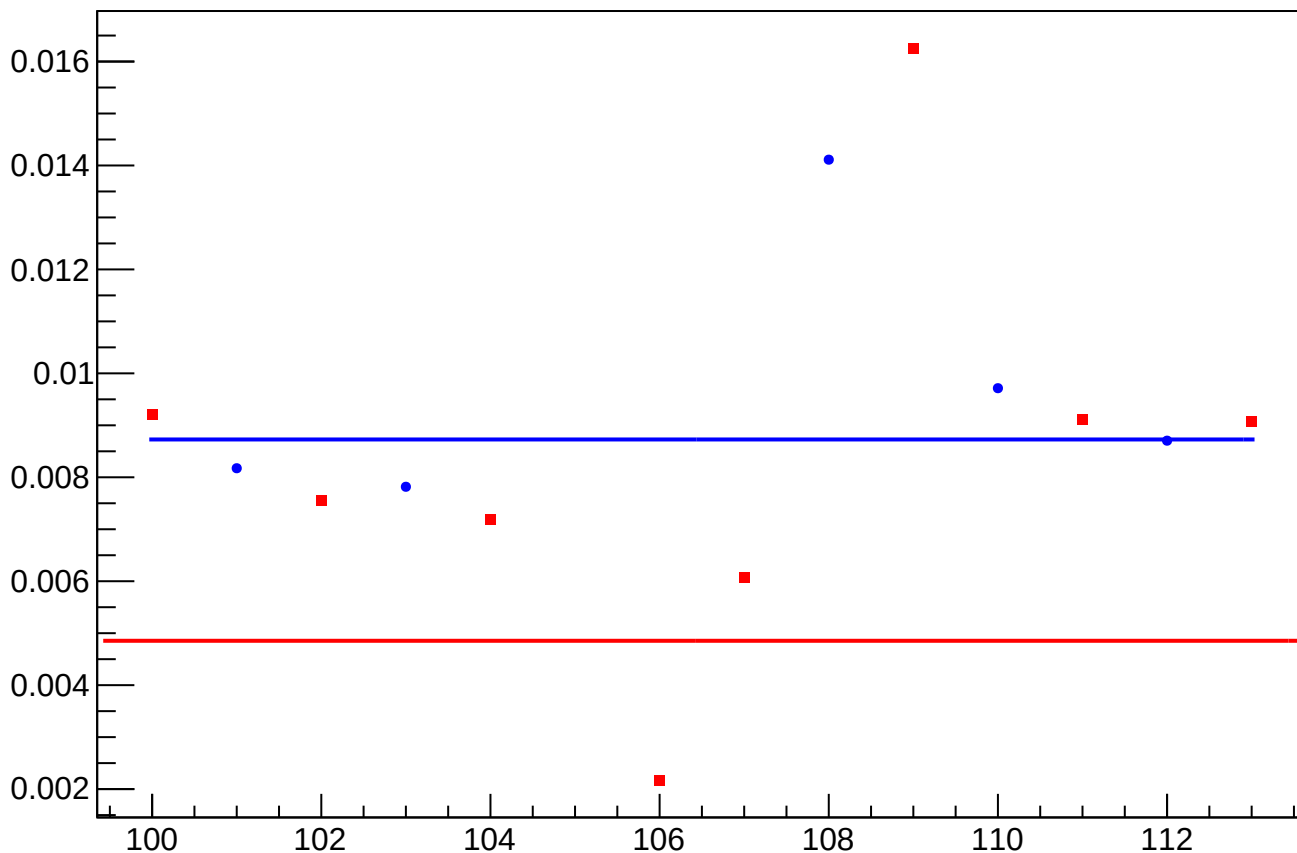
Right: -0.000 +/- 0.000 χ^2/NDF : 15.4/12

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 : 15.4/12

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 : 1960686.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

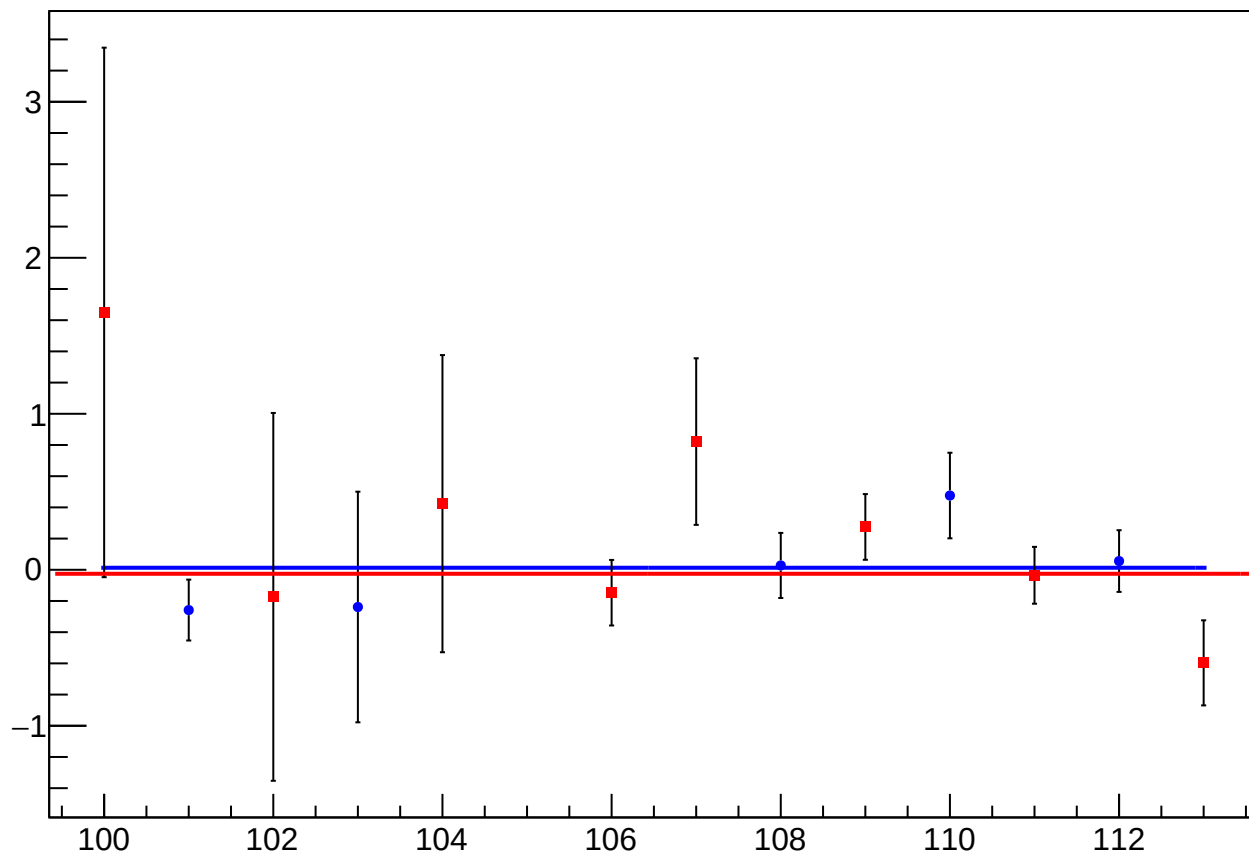
Right: 0.006+/-0.000 χ^2/NDF : 2821110.6/12

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 : 2821110.6/12

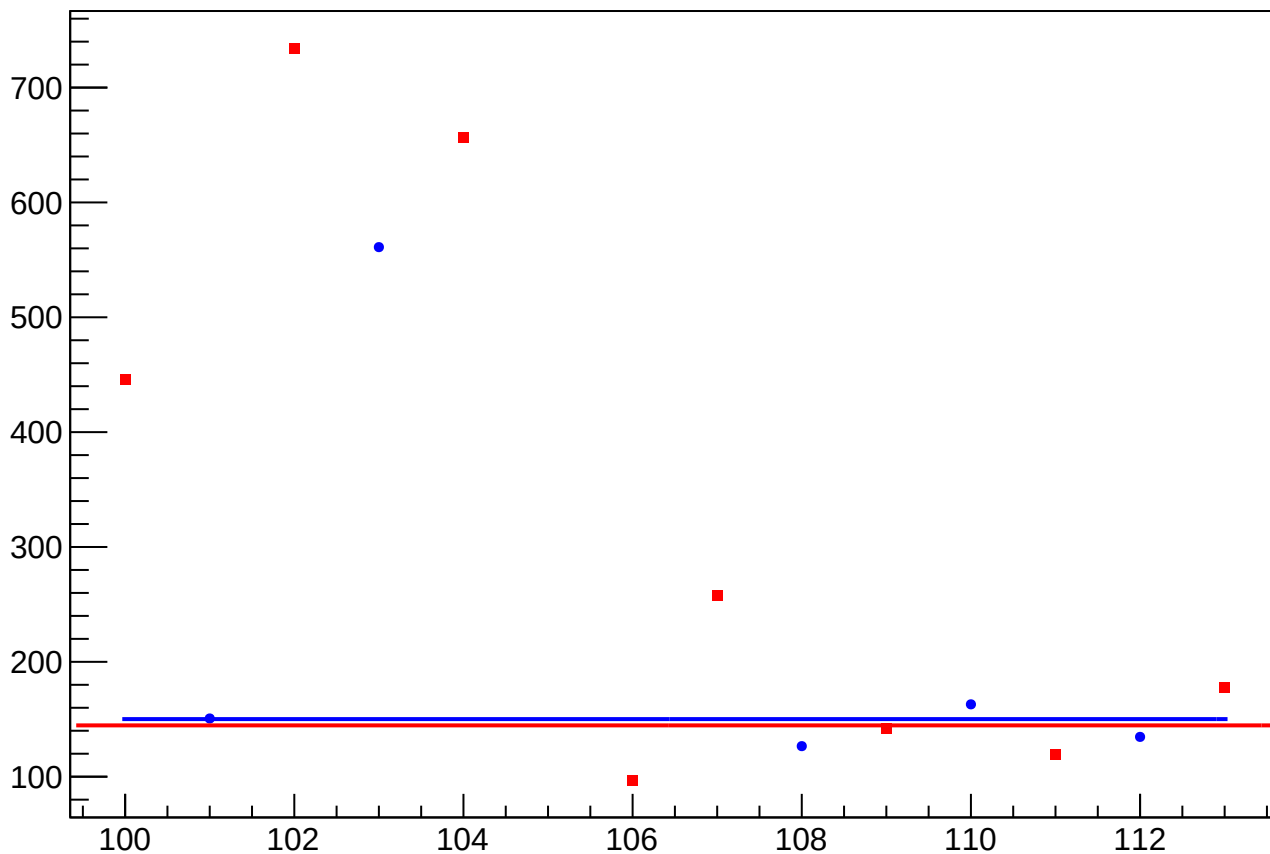
asym_atl_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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: -0.026 $\pm$ 0.103 χ^2 /NDF: 10.5/7
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.007 $\pm$ 0.074 χ^2 /NDF: 15.5/12
 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: -0.007 $\pm$ 0.074 χ^2 /NDF: 15.5/12

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: 144.671+/-0.073 χ^2/NDF : 1404008.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

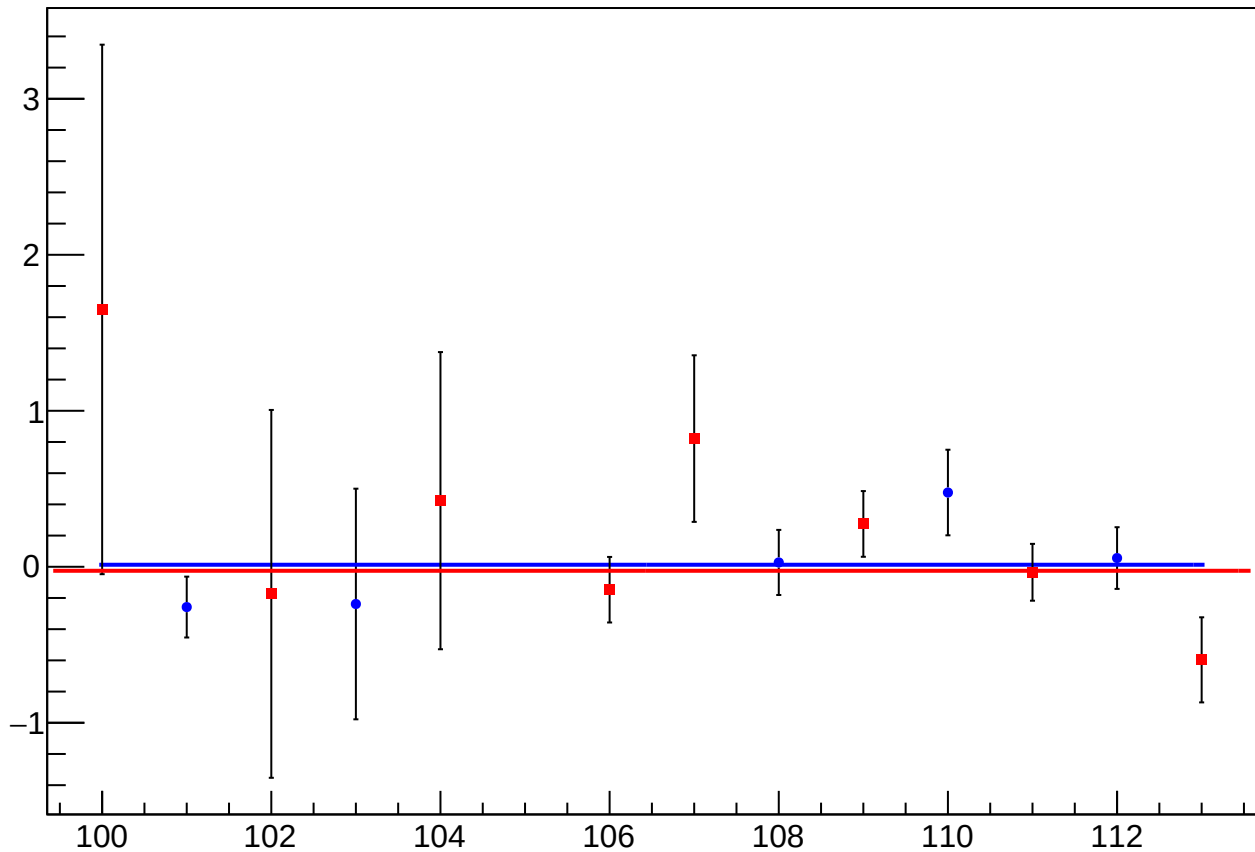
Right: 147.341+/-0.052 χ^2/NDF : 2066954.1/12

In: 150.143+/-0.075 χ^2/NDF : 660186.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.341+/-0.052 χ^2/NDF : 2066954.1/12

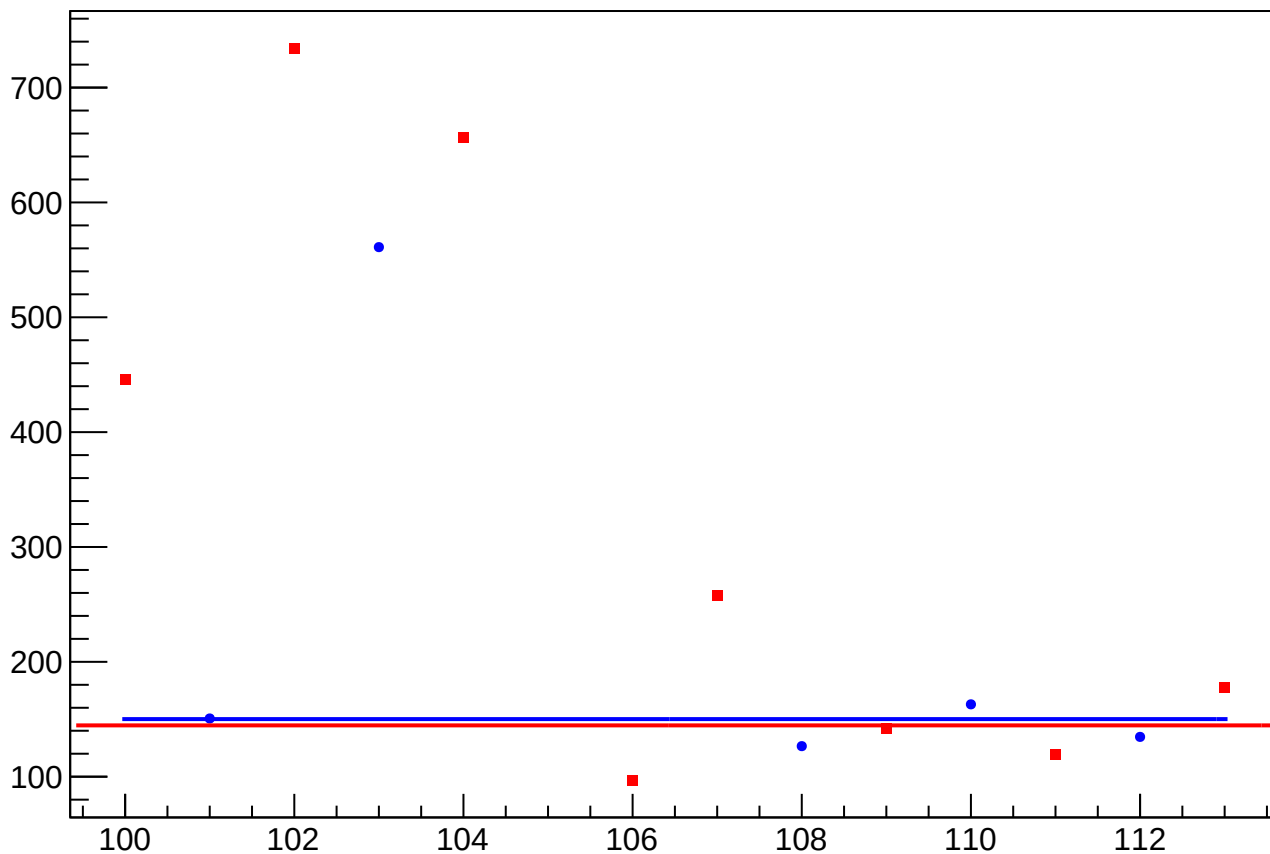
asym_atl_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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: -0.026 $\pm$ 0.103 χ^2 /NDF: 10.5/7
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.007 $\pm$ 0.074 χ^2 /NDF: 15.5/12
 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: -0.007 $\pm$ 0.074 χ^2 /NDF: 15.5/12

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: 144.671+/-0.073 χ^2/NDF : 1404008.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

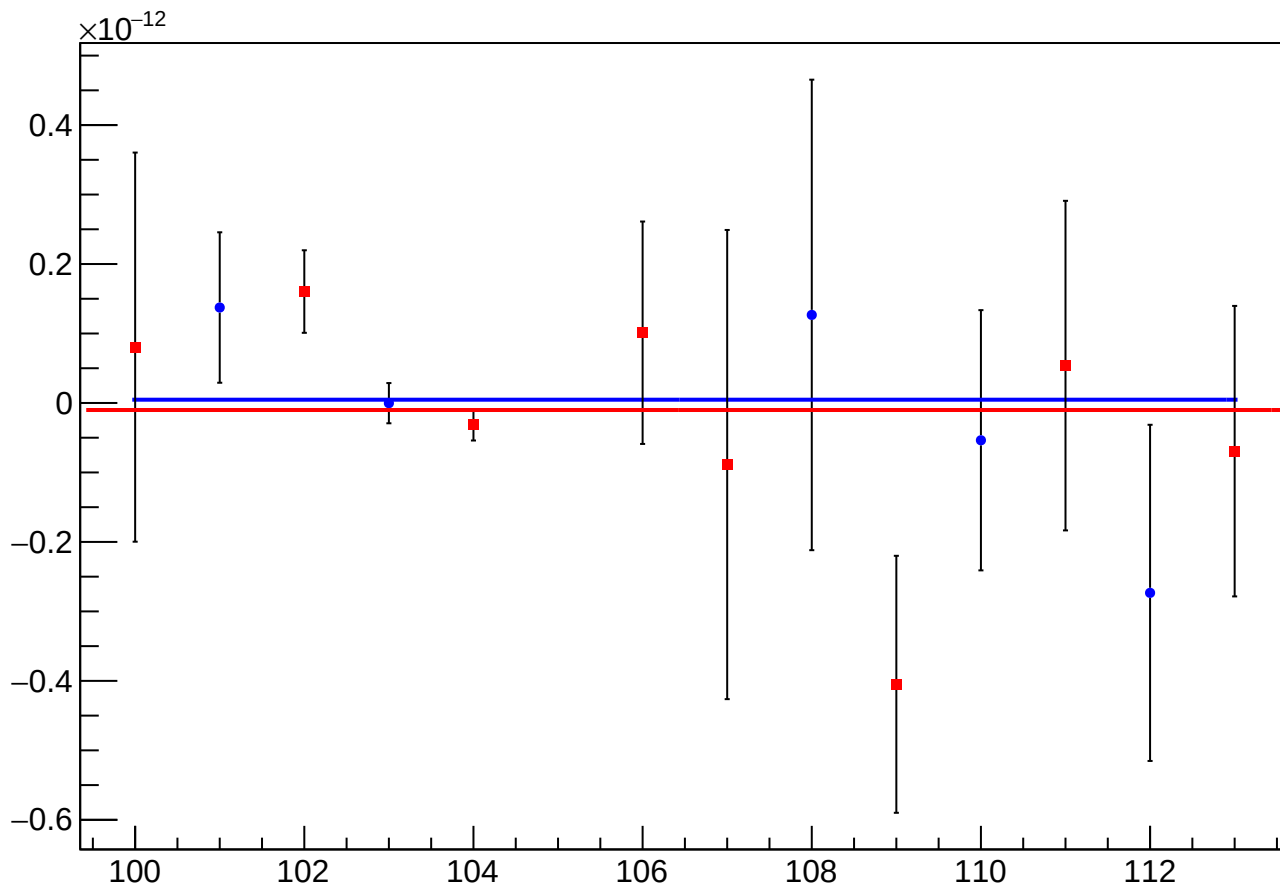
Right: 147.341+/-0.052 χ^2/NDF : 2066954.1/12

In: 150.143+/-0.075 χ^2/NDF : 660186.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.341+/-0.052 χ^2/NDF : 2066954.1/12

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 : 14.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

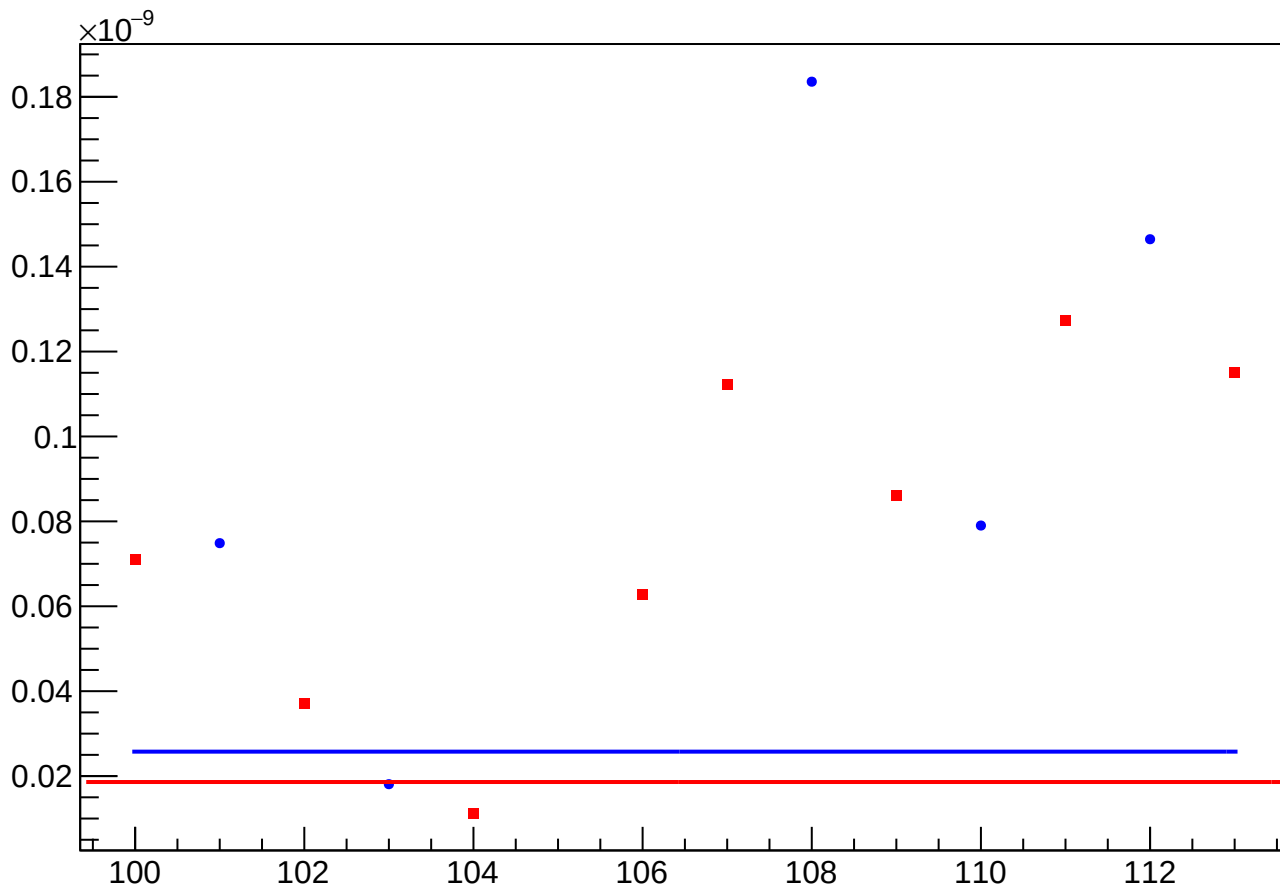
Right: -0.000+/-0.000 χ^2/NDF : 17.7/12

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 : 17.7/12

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 : 1897969.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

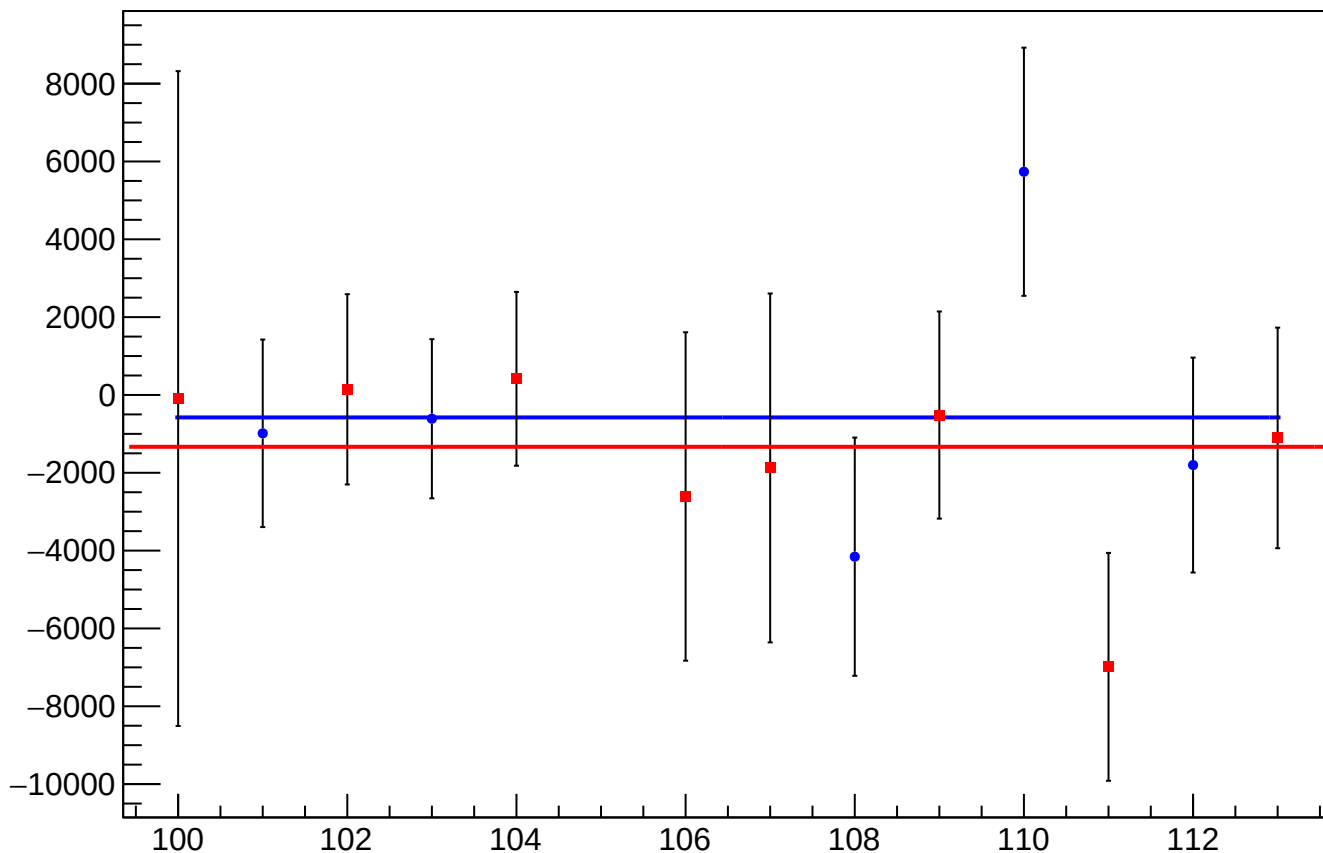
Right: 0.000+/-0.000 χ^2/NDF : 3630809.1/12

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 : 3630809.1/12

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: -1332.116+/-1072.093 χ^2/NDF : 4.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

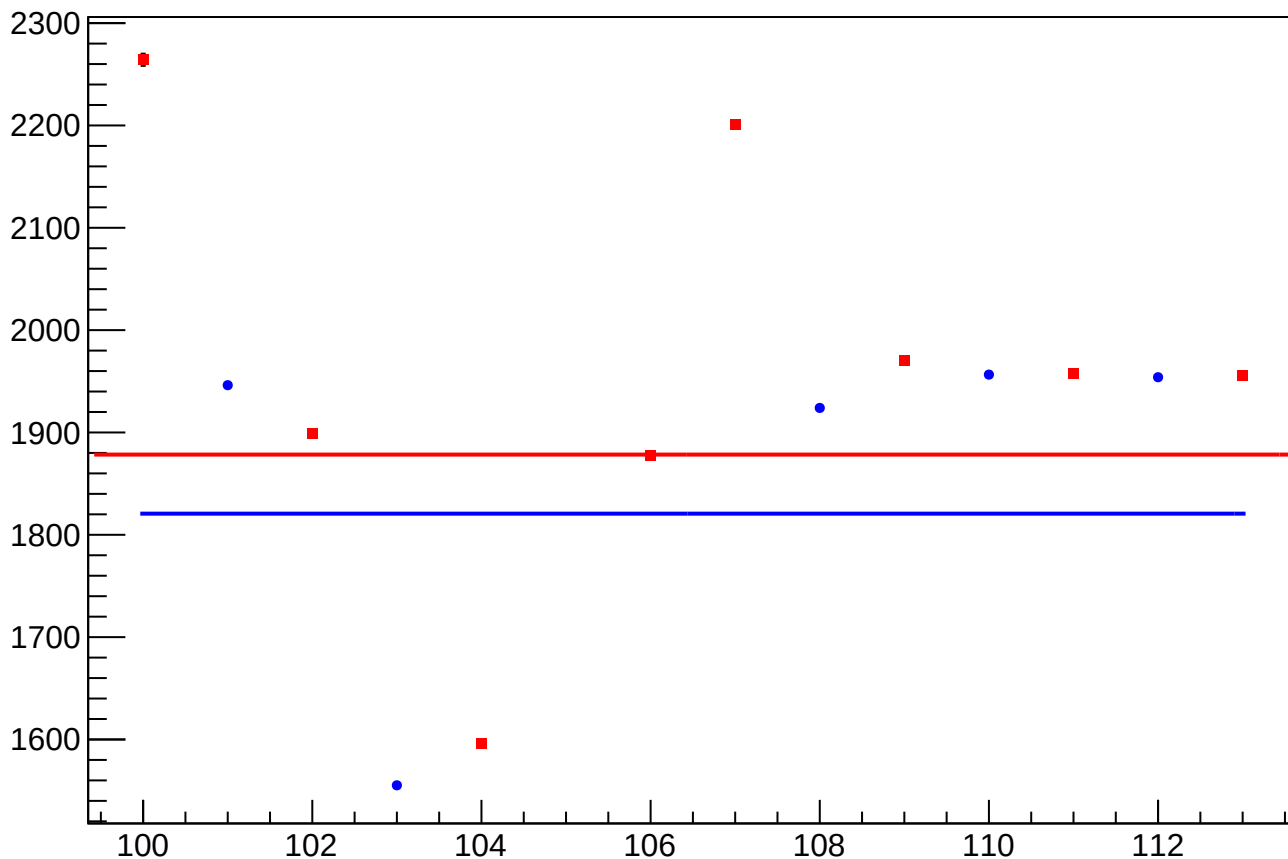
Right: -983.359+/-786.221 χ^2/NDF : 10.7/12

In: -577.550+/-1156.464 χ^2/NDF : 5.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -983.359+/-786.221 χ^2/NDF : 10.7/12

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: 1878.385+/-0.748 χ^2/NDF : 52038.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

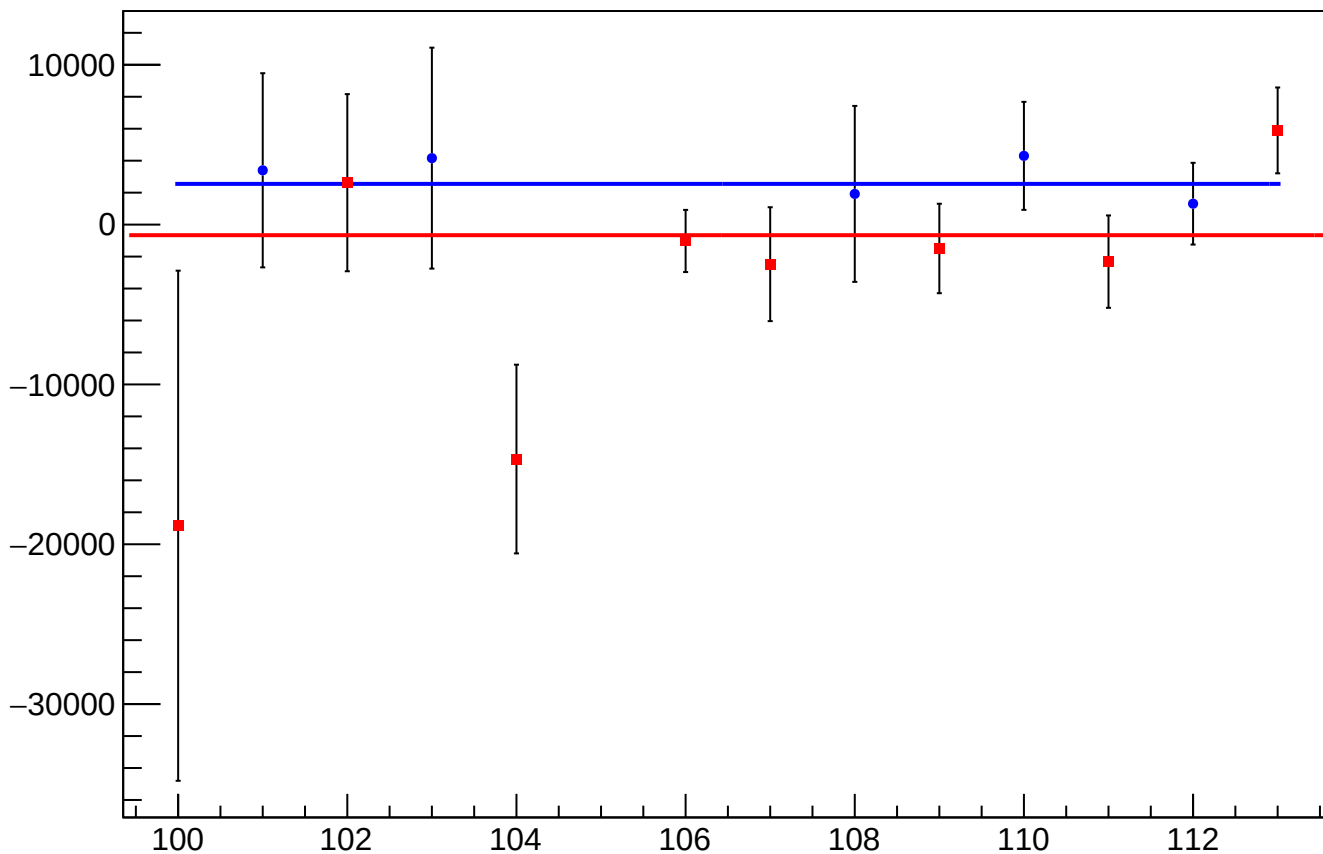
Right: 1852.082+/-0.552 χ^2/NDF : 104466.2/12

In: 1820.664+/-0.818 χ^2/NDF : 49716.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1852.082+/-0.552 χ^2/NDF : 104466.2/12

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: -662.332+/-1122.024 χ^2/NDF : 13.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

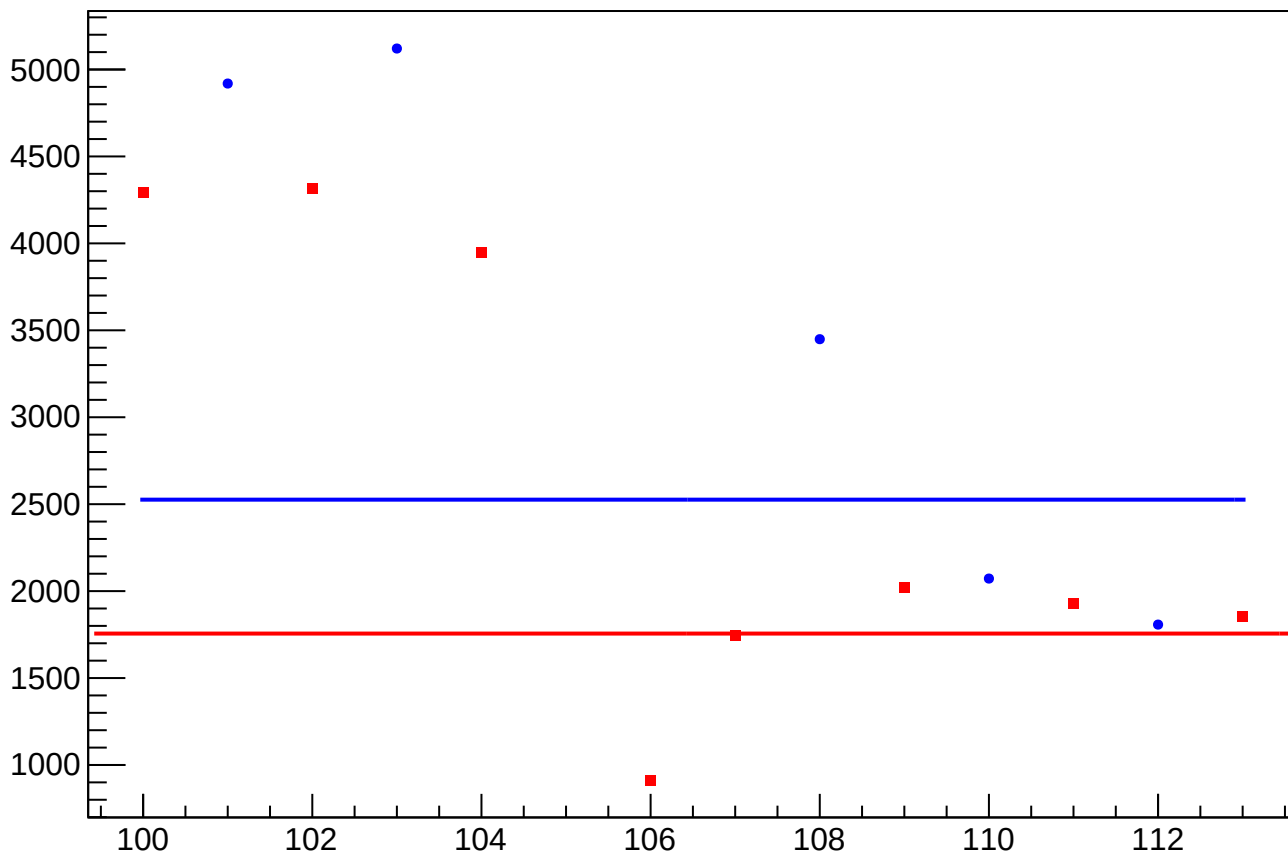
Right: 262.887+/-946.666 χ^2/NDF : 16.9/12

In: 2548.581+/-1763.555 χ^2/NDF : 0.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 262.887+/-946.666 χ^2/NDF : 16.9/12

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: 1755.824+/-0.793 χ^2/NDF : 1157747.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

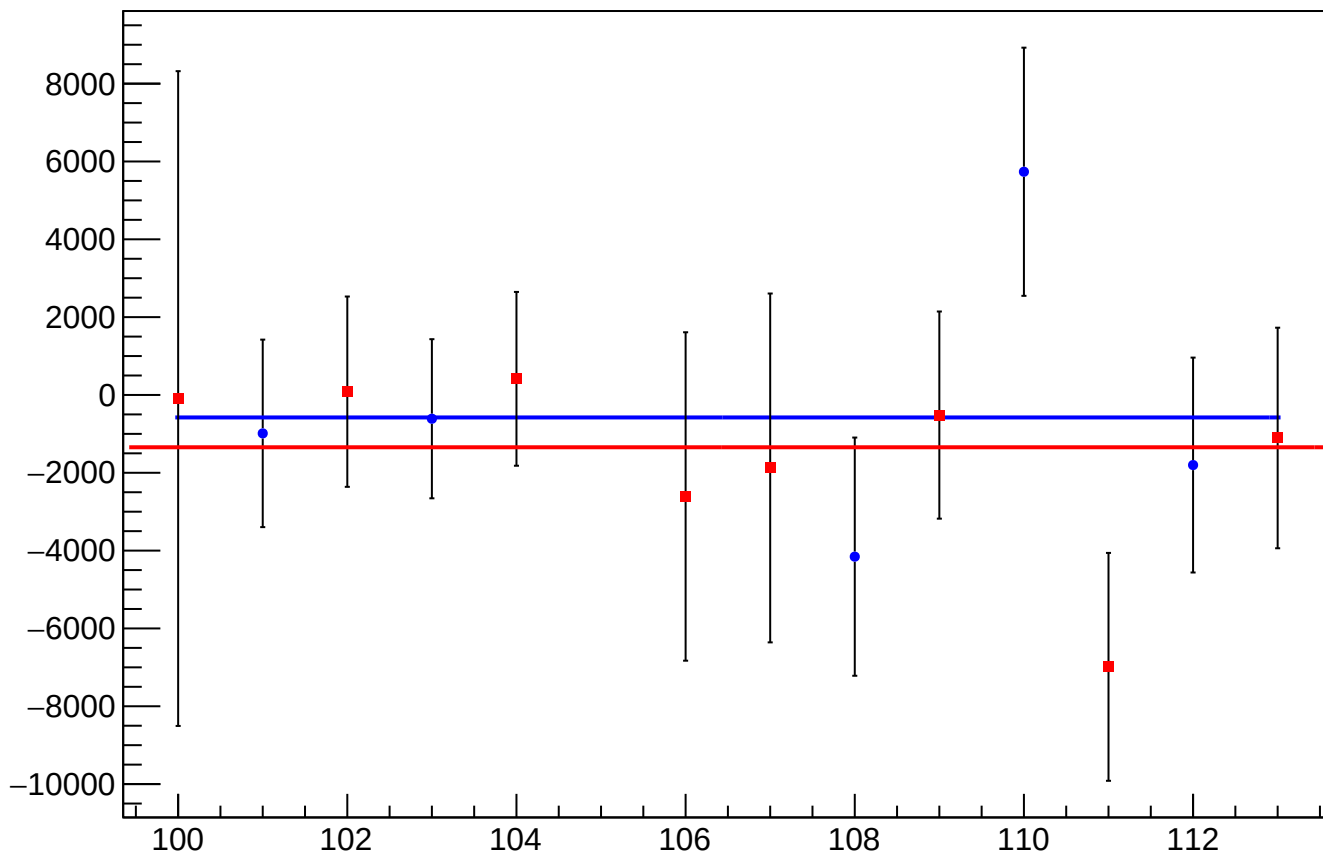
Right: 1977.752+/-0.669 χ^2/NDF : 2271813.7/12

In: 2526.011+/-1.247 χ^2/NDF :842526.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1977.752+/-0.669 χ^2/NDF : 2271813.7/12

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: -1344.306+/-1072.122 χ^2/NDF : 4.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

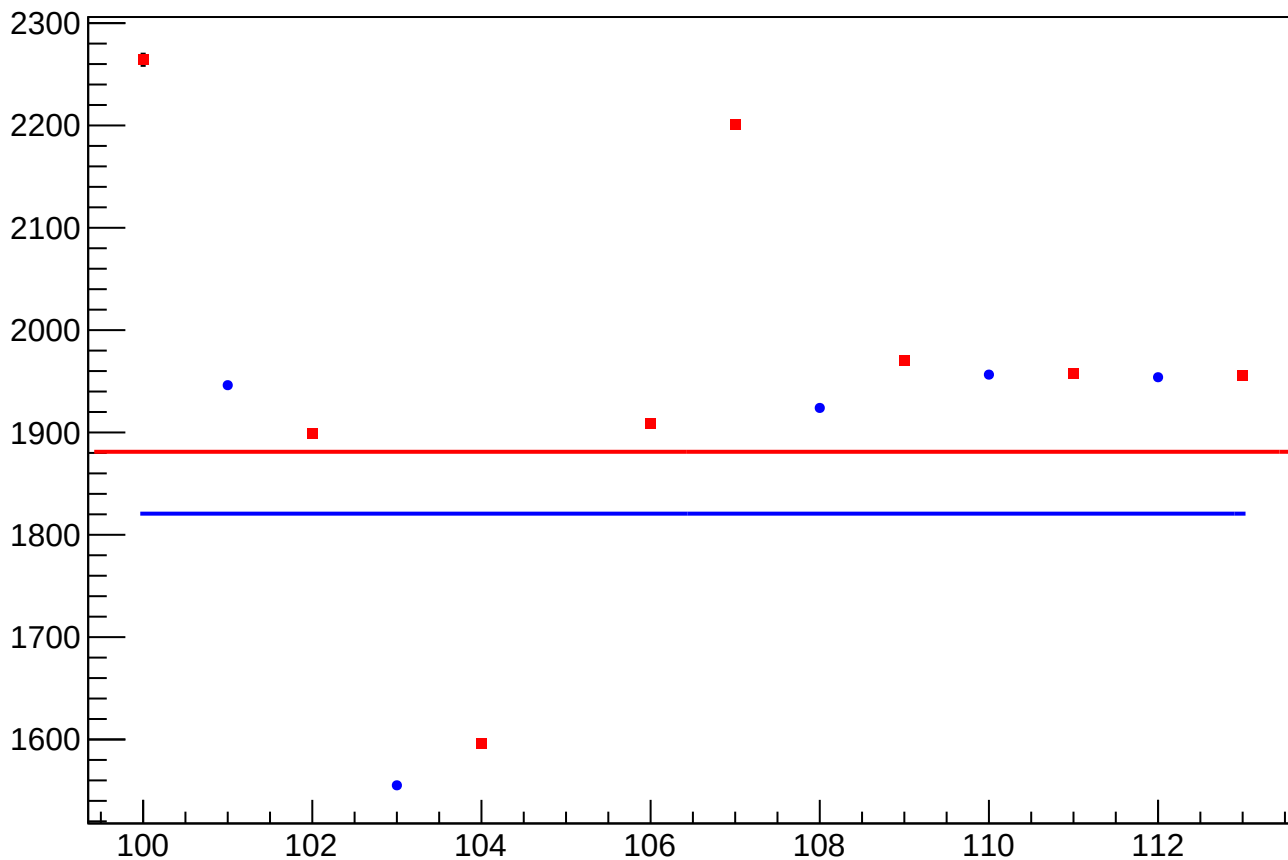
Right: -990.008+/-786.233 χ^2/NDF : 10.7/12

In: -577.773+/-1156.464 χ^2/NDF : 5.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -990.008+/-786.233 χ^2/NDF : 10.7/12

cor_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1820.664 $\pm$ 0.818 χ^2 /NDF: 49716.3/4

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

Right Out: 1881.118 $\pm$ 0.749 χ^2 /NDF: 52168.2/7

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

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

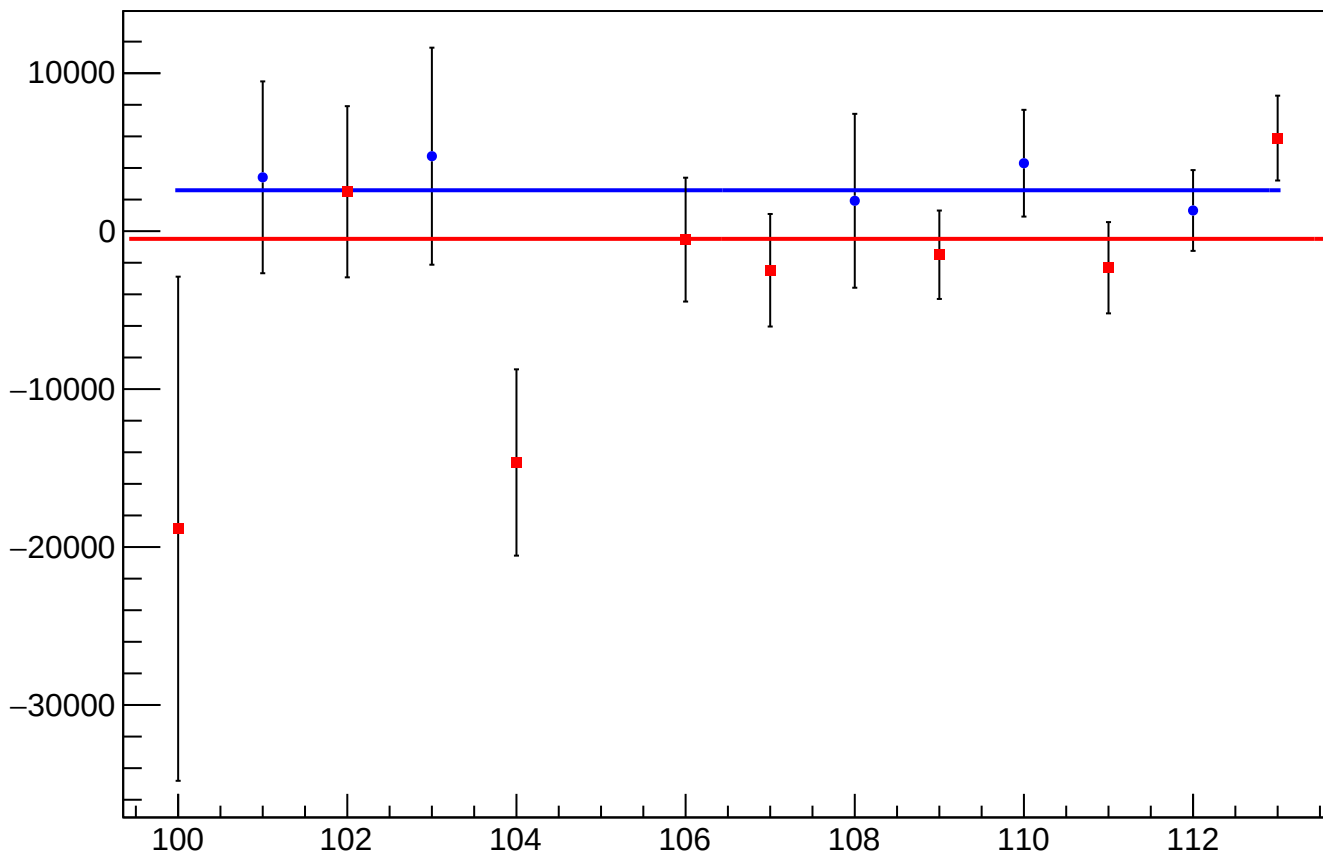
Right: 1853.529 $\pm$ 0.552 χ^2 /NDF: 104855.7/12

In: 1820.664 $\pm$ 0.818 χ^2 /NDF: 49716.3/4

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

All: 1853.529 $\pm$ 0.552 χ^2 /NDF: 104855.7/12

asym_atl_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 2589.397 $\pm$ 1762.831 χ^2 /NDF: 0.6/4

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

Right Out: -488.029 $\pm$ 1294.709 χ^2 /NDF: 13.9/7

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

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

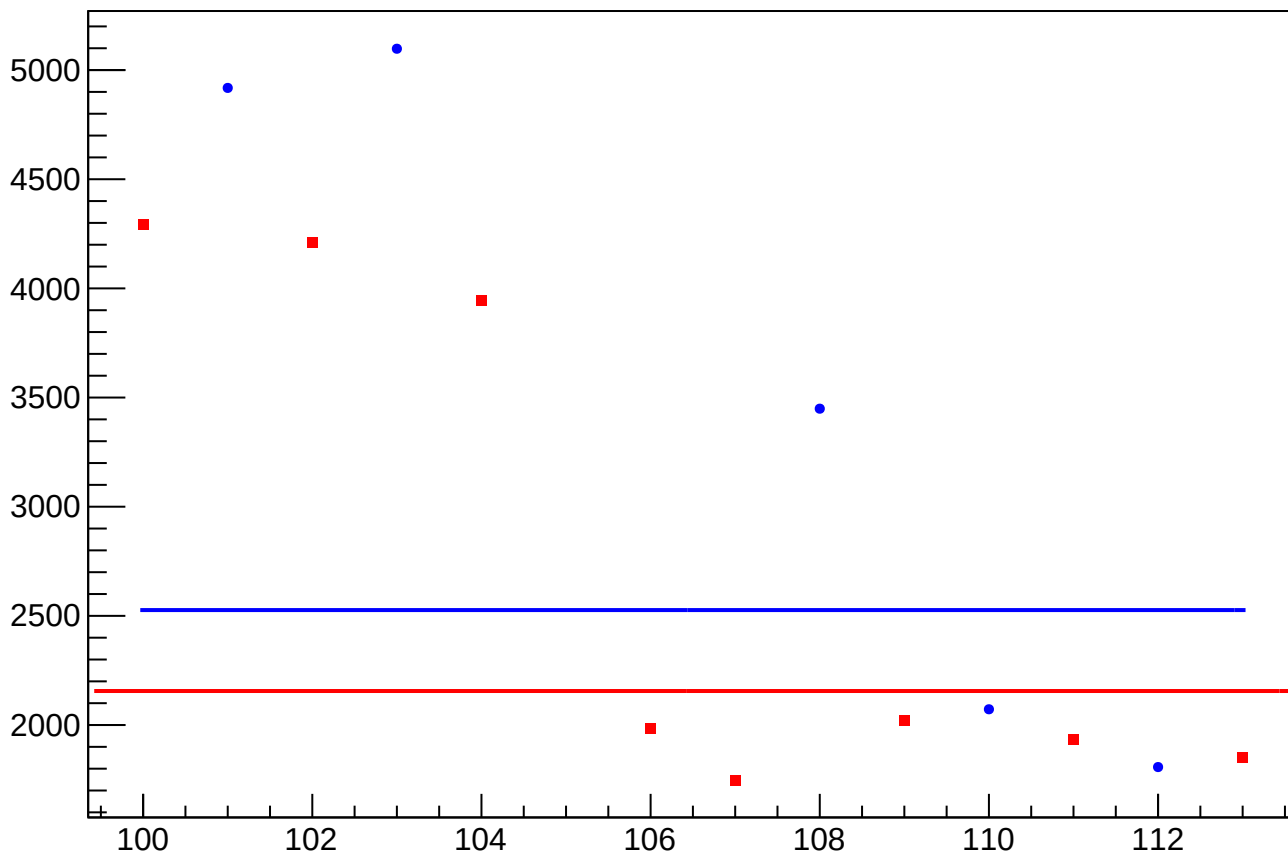
Right: 590.308 $\pm$ 1043.504 χ^2 /NDF: 16.5/12

In: 2589.397 $\pm$ 1762.831 χ^2 /NDF: 0.6/4

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

All: 590.308 $\pm$ 1043.504 χ^2 /NDF: 16.5/12

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: 2155.767+/-0.915 χ^2/NDF : 579092.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

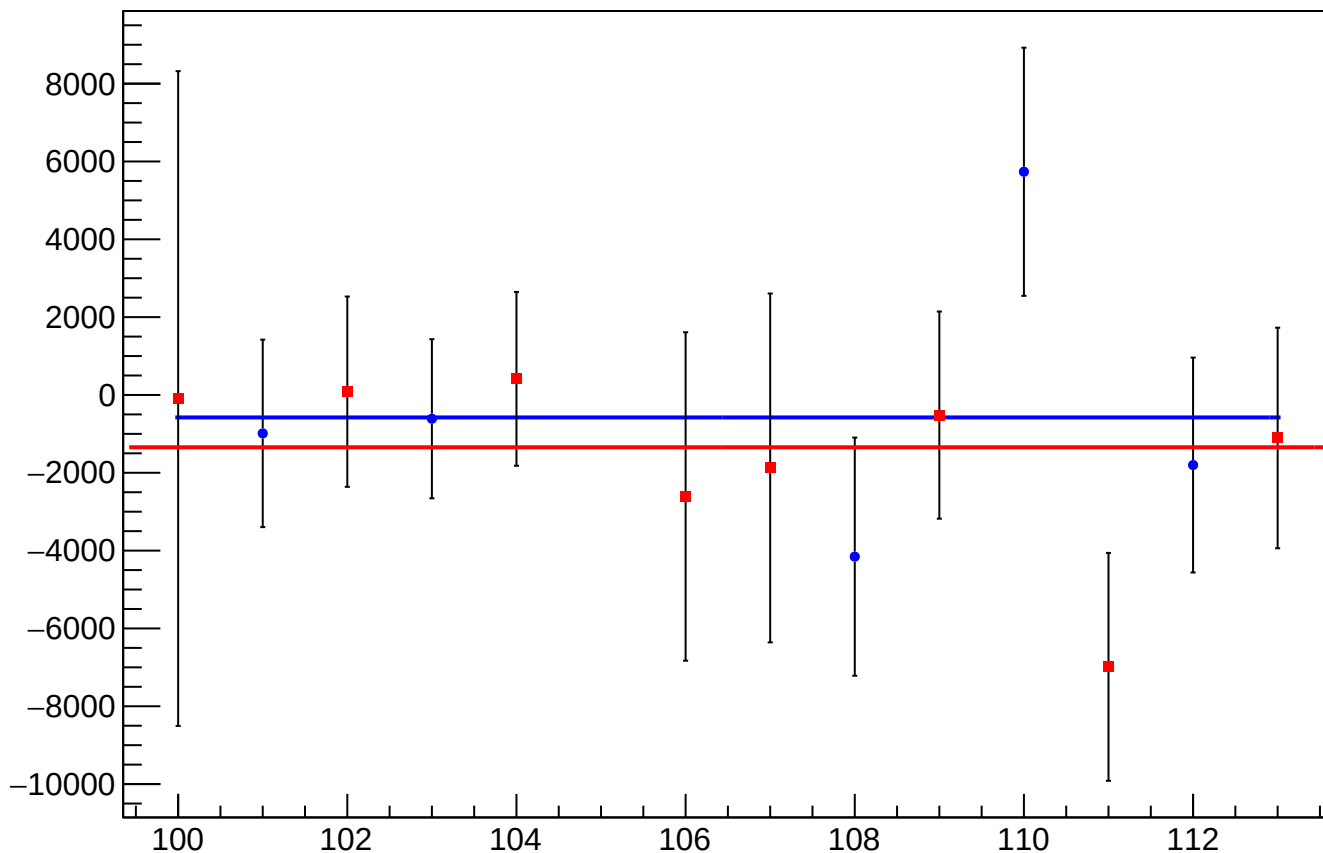
Right: 2285.674+/-0.738 χ^2/NDF : 1477317.6/12

In: 2526.505+/-1.247 χ^2/NDF : 840762.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2285.674+/-0.738 χ^2/NDF : 1477317.6/12

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: -1344.306+/-1072.122 χ^2/NDF : 4.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

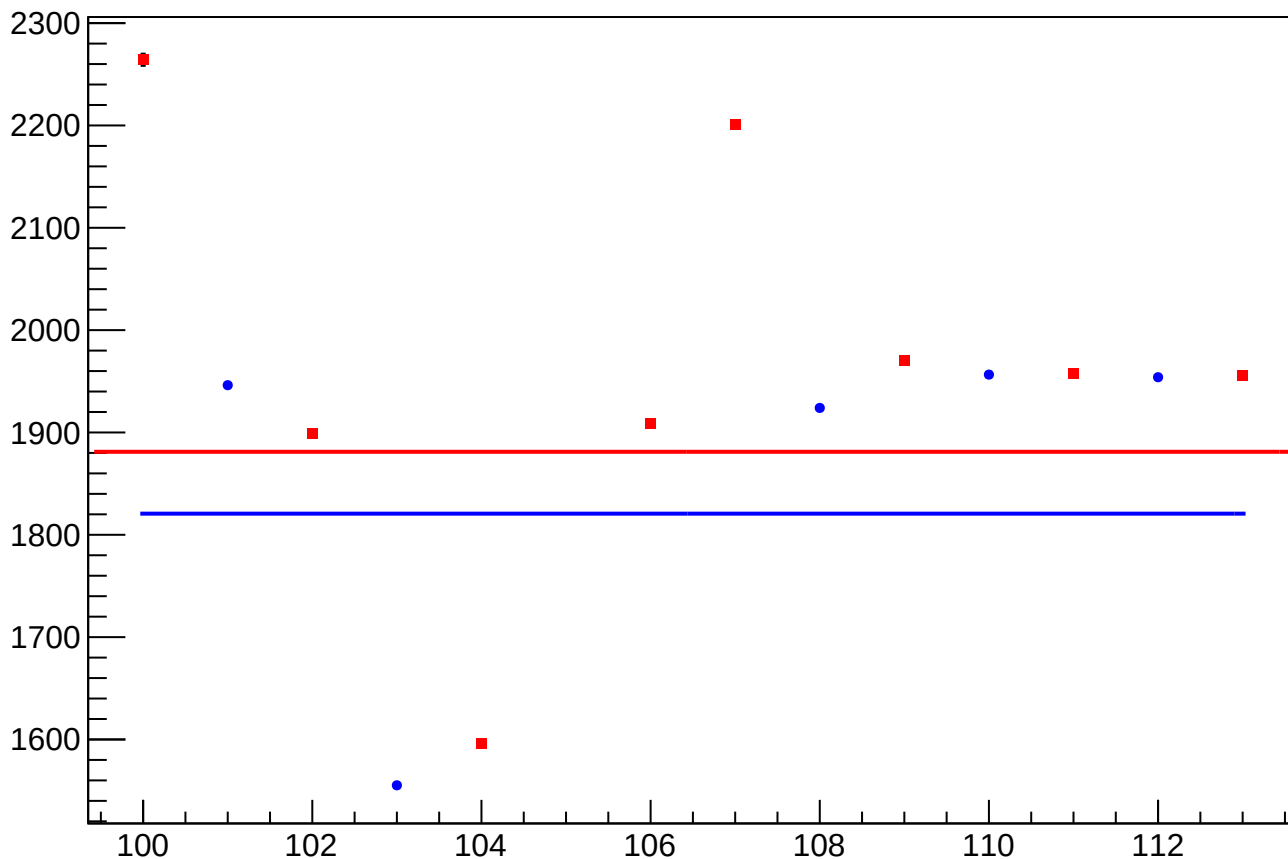
Right: -990.008+/-786.233 χ^2/NDF : 10.7/12

In: -577.773+/-1156.464 χ^2/NDF : 5.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -990.008+/-786.233 χ^2/NDF : 10.7/12

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: 1881.118+/-0.749 χ^2/NDF : 52168.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

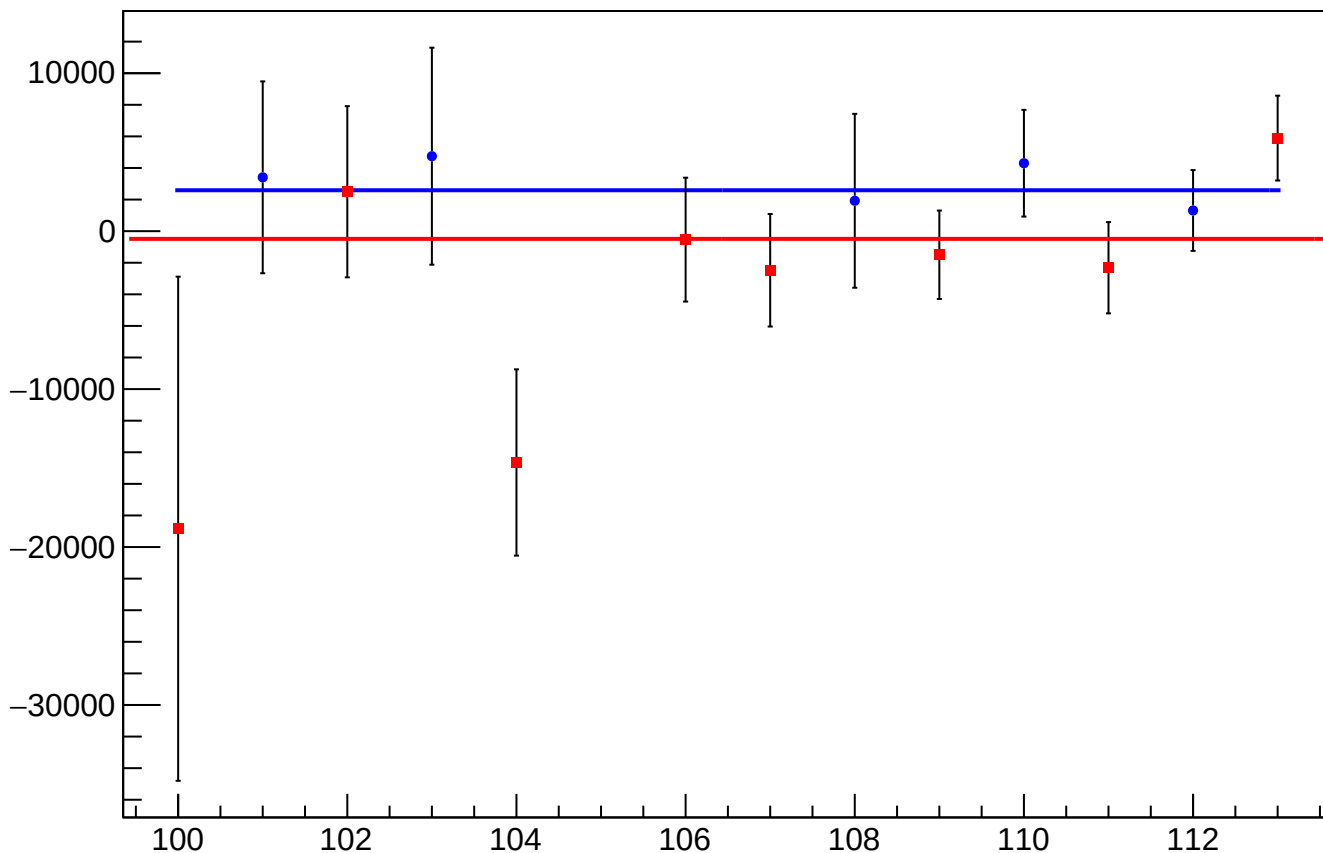
Right: 1853.529+/-0.552 χ^2/NDF : 104855.7/12

In: 1820.664+/-0.818 χ^2/NDF : 49716.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1853.529+/-0.552 χ^2/NDF : 104855.7/12

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: -488.029+/-1294.709 χ^2/NDF : 13.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

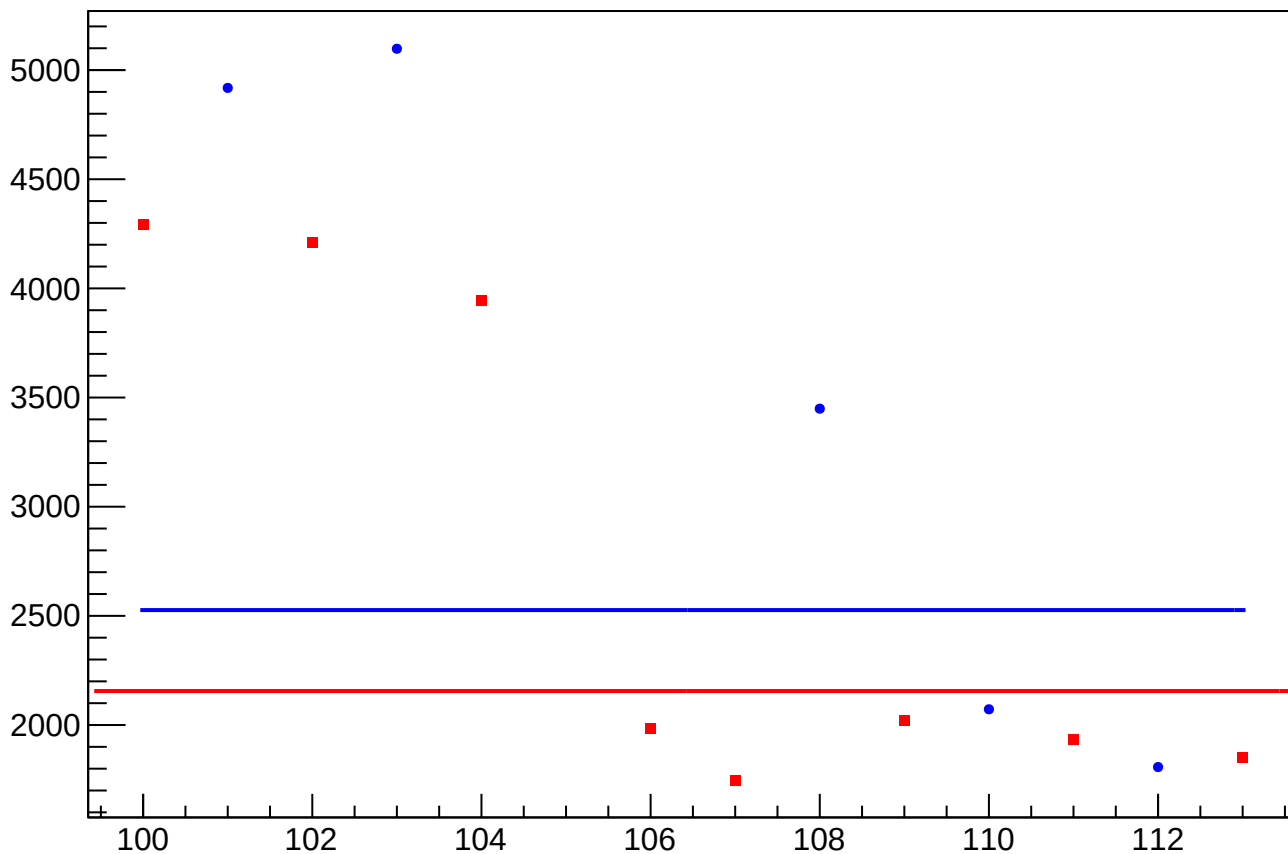
Right: 590.308+/-1043.504 χ^2/NDF : 16.5/12

In: 2589.397+/-1762.831 χ^2/NDF : 0.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 590.308+/-1043.504 χ^2/NDF : 16.5/12

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: 2155.767+/-0.915 χ^2/NDF : 579092.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

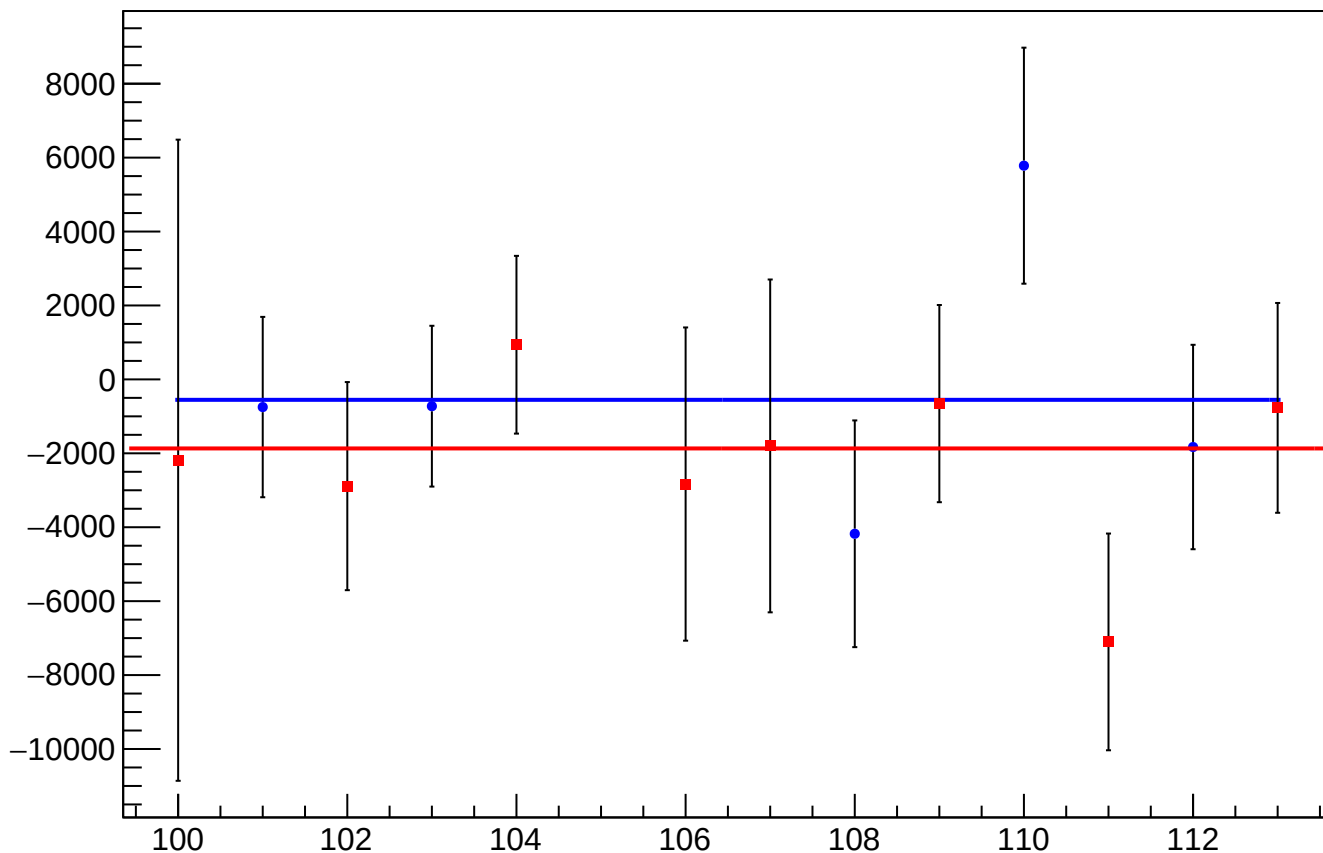
Right: 2285.674+/-0.738 χ^2/NDF : 1477317.6/12

In: 2526.505+/-1.247 χ^2/NDF : 840762.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2285.674+/-0.738 χ^2/NDF : 1477317.6/12

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: -1868.383+/-1119.151 χ^2/NDF : 5.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

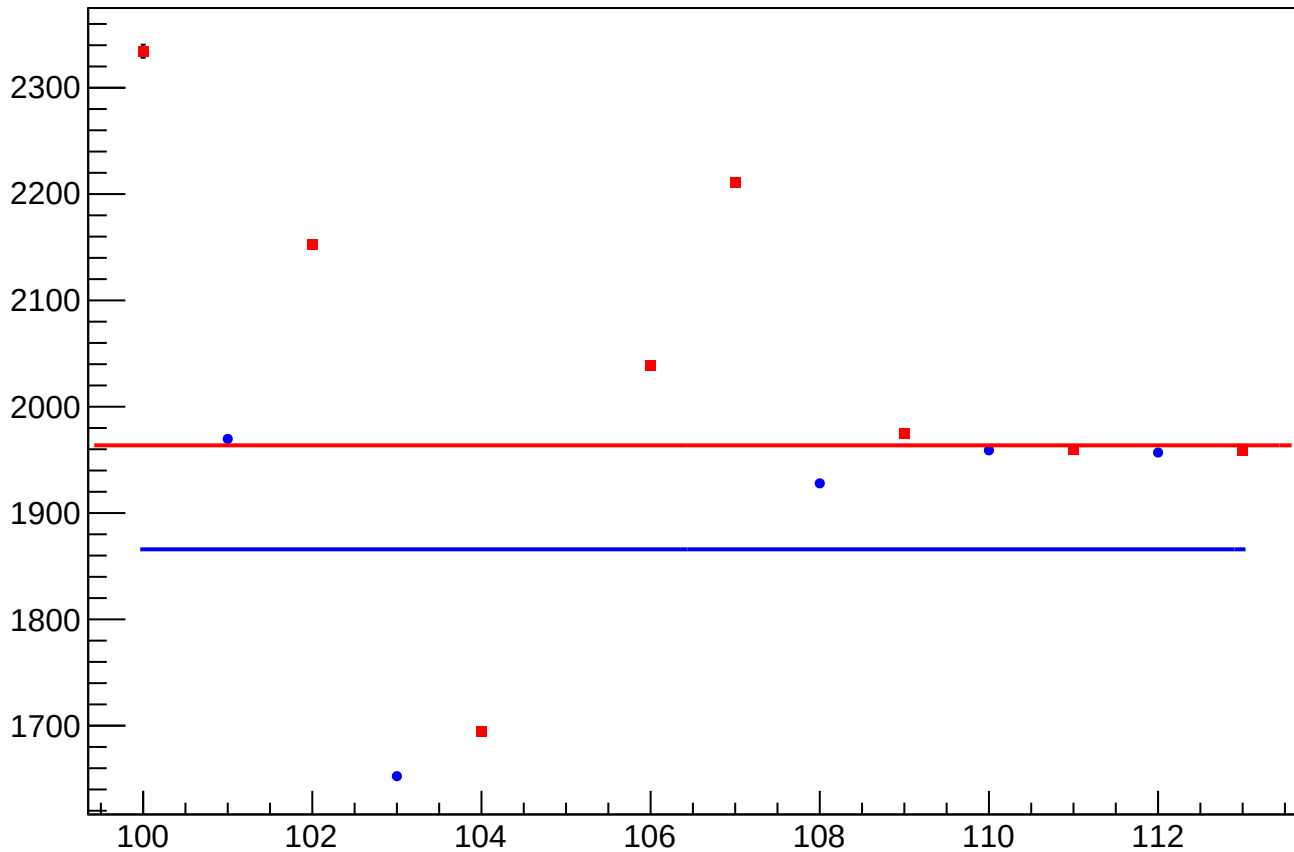
Right: -1247.229+/-813.019 χ^2/NDF : 11.3/12

In: -553.093+/-1183.074 χ^2/NDF : 5.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1247.229+/-813.019 χ^2/NDF : 11.3/12

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: 1963.682+/-0.786 χ^2/NDF : 44441.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

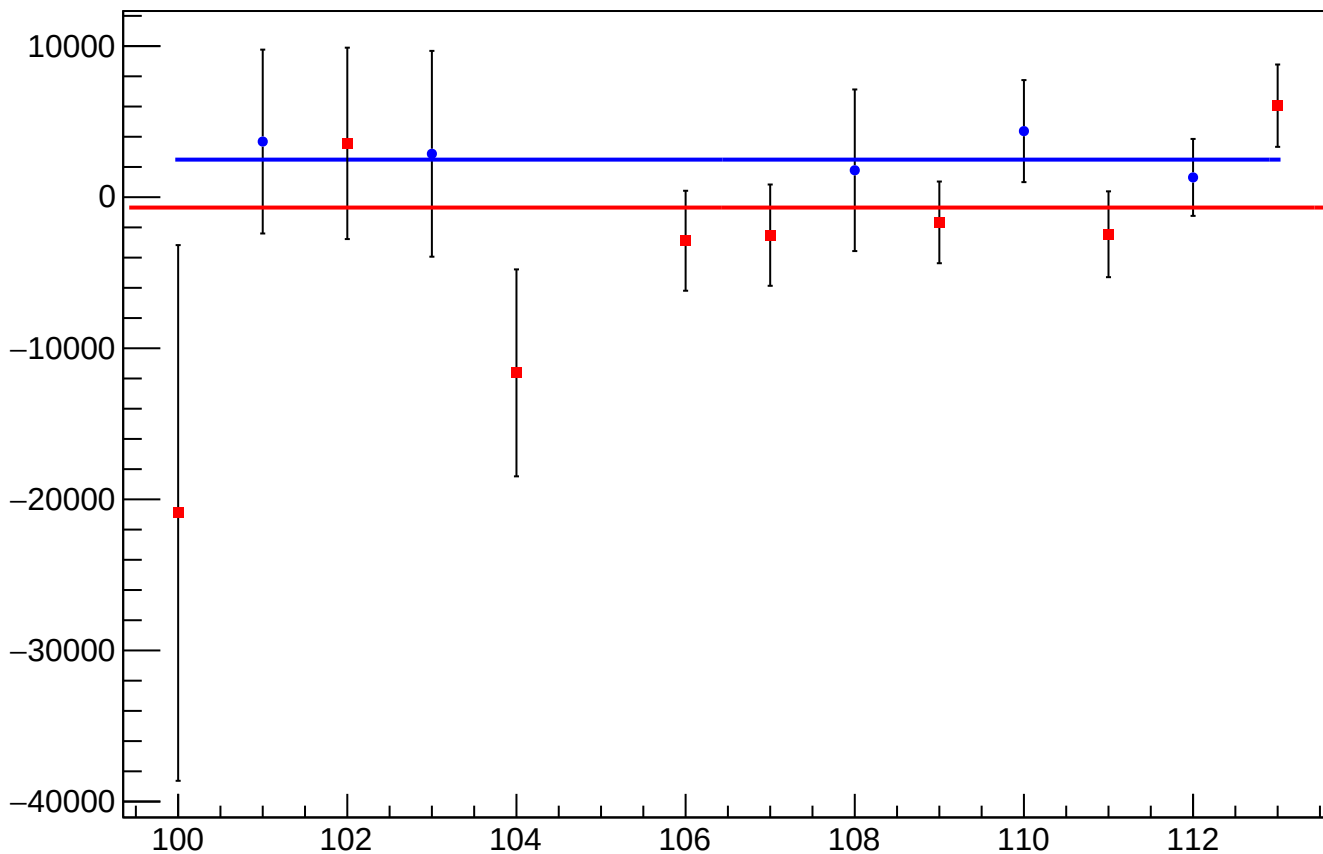
Right: 1917.830+/-0.573 χ^2/NDF : 79254.4/12

In: 1865.874+/-0.837 χ^2/NDF : 27551.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1917.830+/-0.573 χ^2/NDF : 79254.4/12

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: -686.367+/-1264.725 χ^2/NDF : 11.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

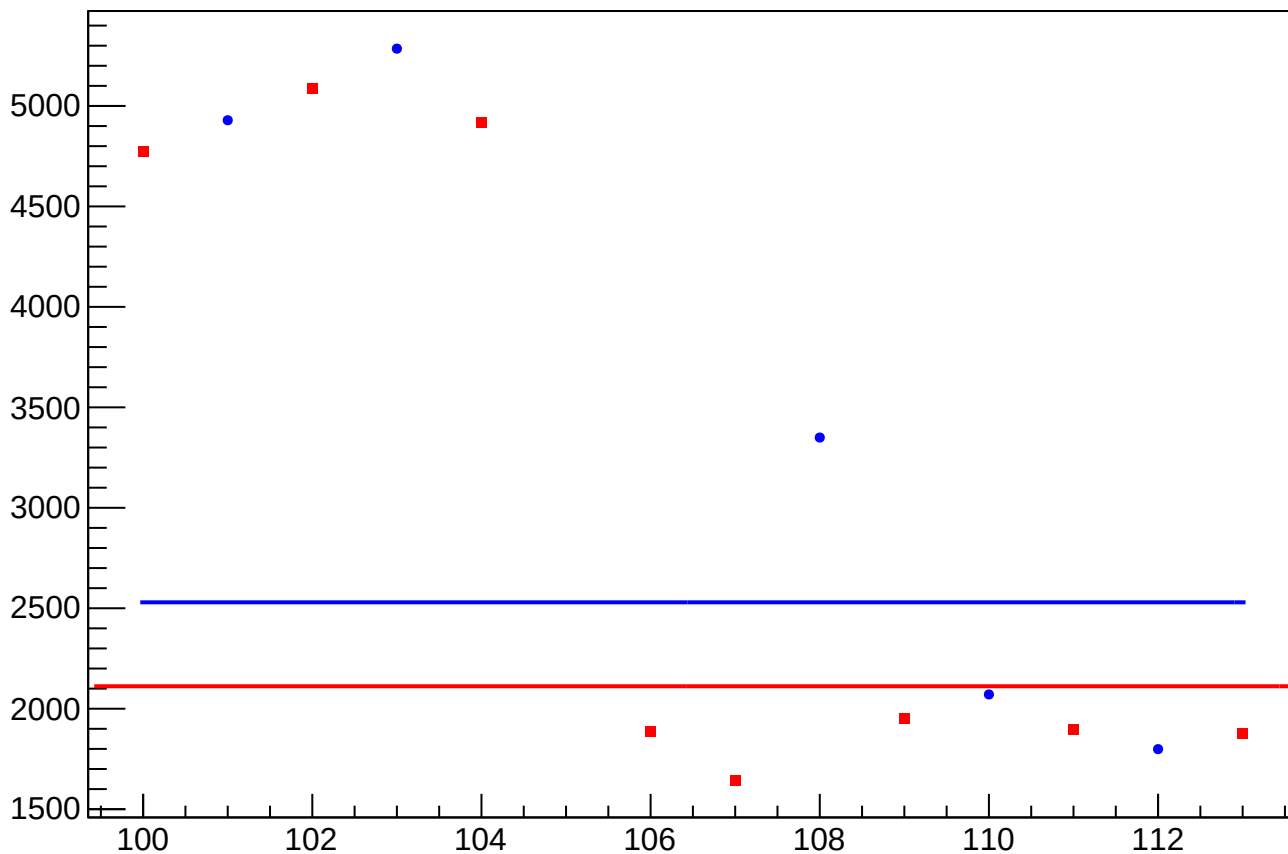
Right: 399.743+/-1025.631 χ^2/NDF : 14.4/12

In: 2486.080+/-1752.877 χ^2/NDF : 0.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 399.743+/-1025.631 χ^2/NDF : 14.4/12

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: 2111.865+/-0.894 χ^2/NDF : 903572.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

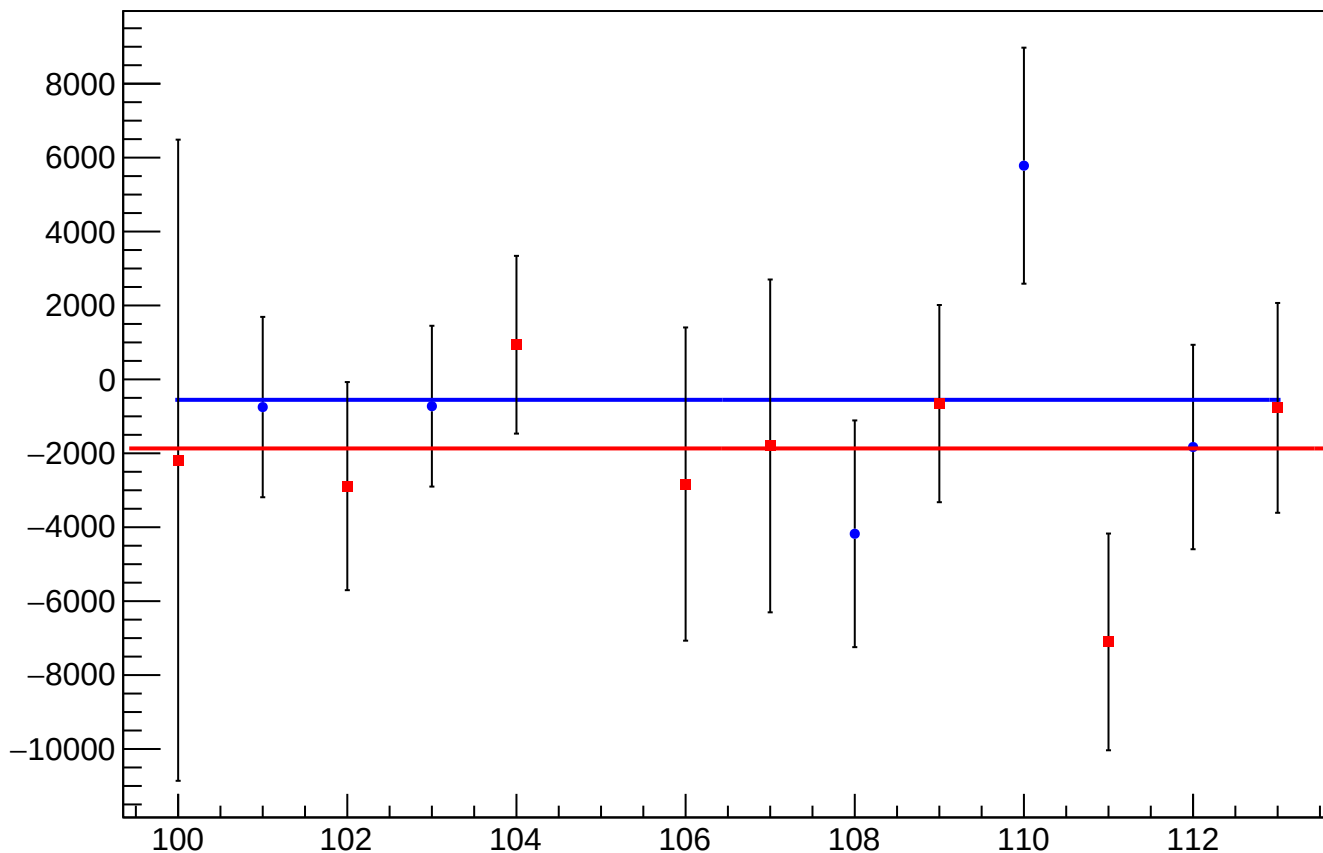
Right: 2254.851+/-0.725 χ^2/NDF : 1865273.3/12

In: 2529.516+/-1.239 χ^2/NDF : 887031.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2254.851+/-0.725 χ^2/NDF : 1865273.3/12

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: -1868.392+/-1119.151 χ^2/NDF : 5.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

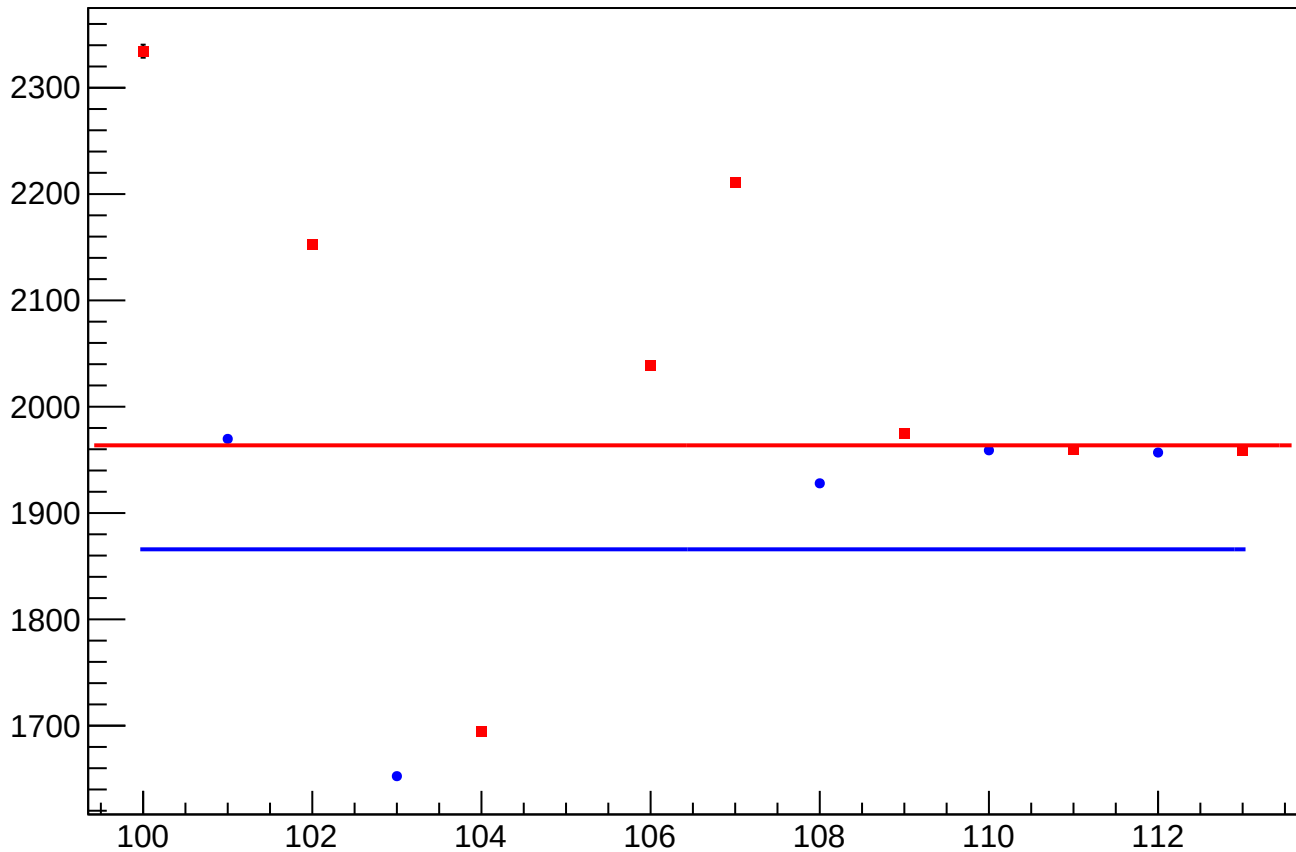
Right: -1247.239+/-813.018 χ^2/NDF : 11.3/12

In: -553.103+/-1183.073 χ^2/NDF : 5.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1247.239+/-813.018 χ^2/NDF : 11.3/12

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: 1963.681+/-0.786 χ^2/NDF : 44441.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

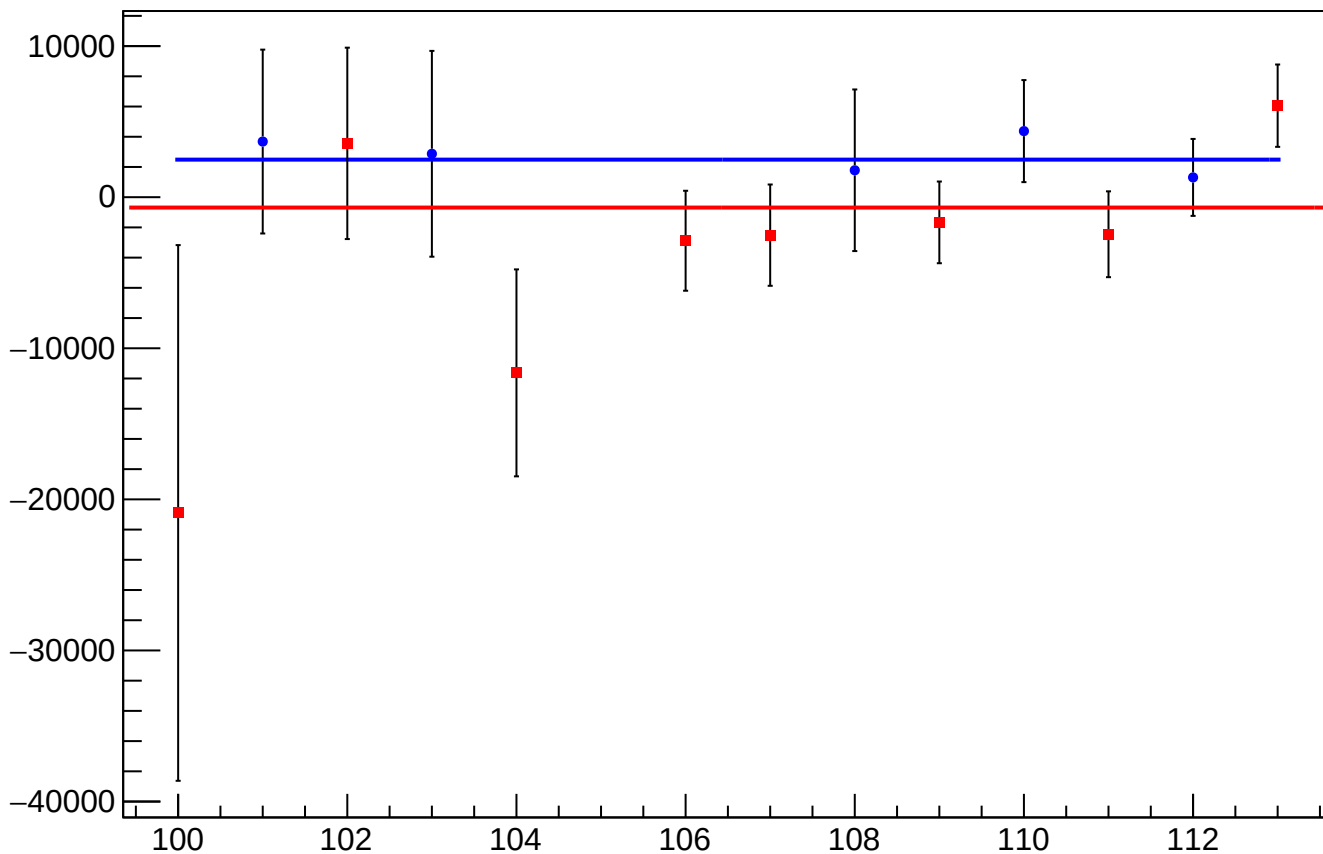
Right: 1917.829+/-0.573 χ^2/NDF : 79254.9/12

In: 1865.873+/-0.837 χ^2/NDF : 27552.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1917.829+/-0.573 χ^2/NDF : 79254.9/12

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: -686.366+/-1264.721 χ^2/NDF : 11.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

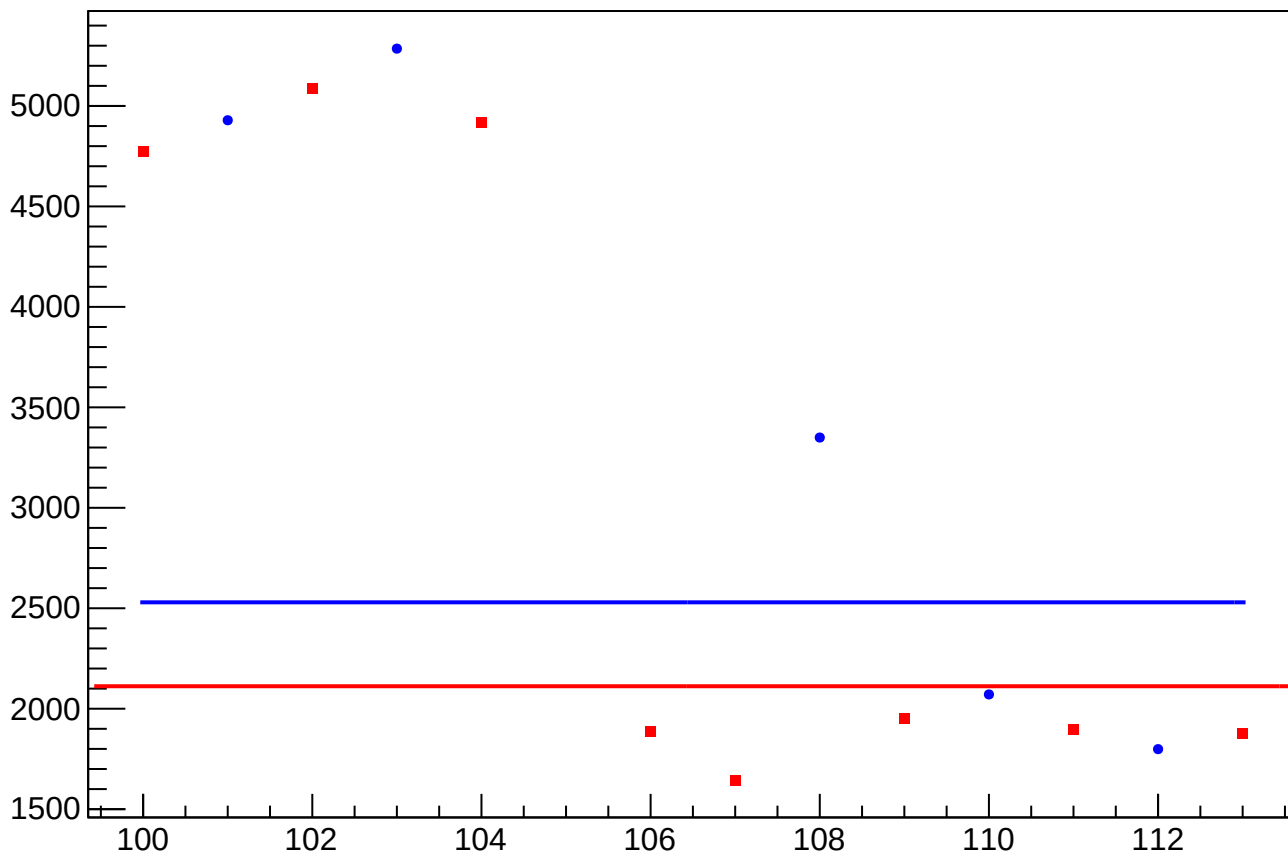
Right: 399.740+/-1025.628 χ^2/NDF : 14.4/12

In: 2486.066+/-1752.870 χ^2/NDF : 0.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 399.740+/-1025.628 χ^2/NDF : 14.4/12

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: 2111.858+/-0.894 χ^2/NDF : 903577.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

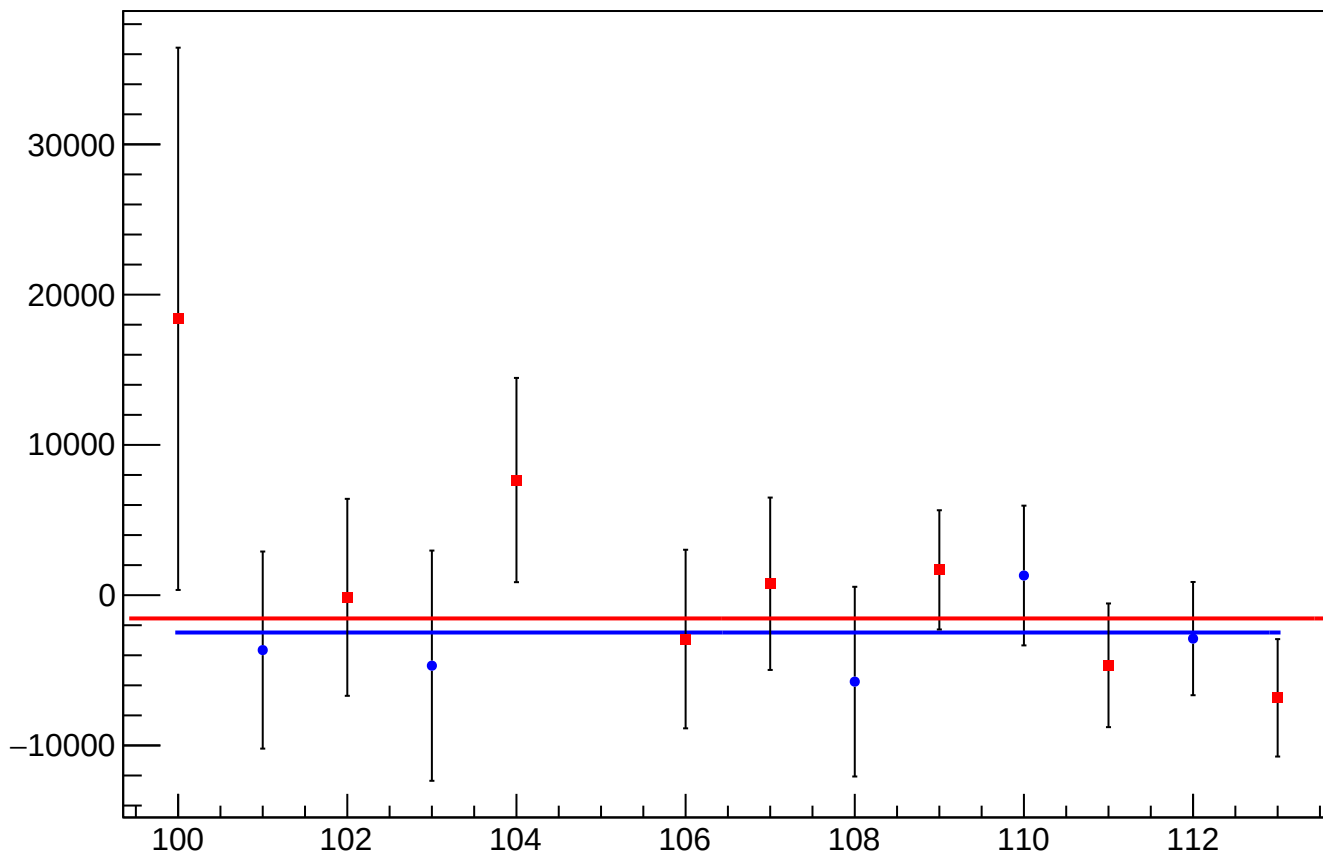
Right: 2254.843+/-0.725 χ^2/NDF : 1865282.5/12

In: 2529.504+/-1.239 χ^2/NDF : 887037.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2254.843+/-0.725 χ^2/NDF : 1865282.5/12

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: -1548.131+/-1841.819 χ^2/NDF : 6.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

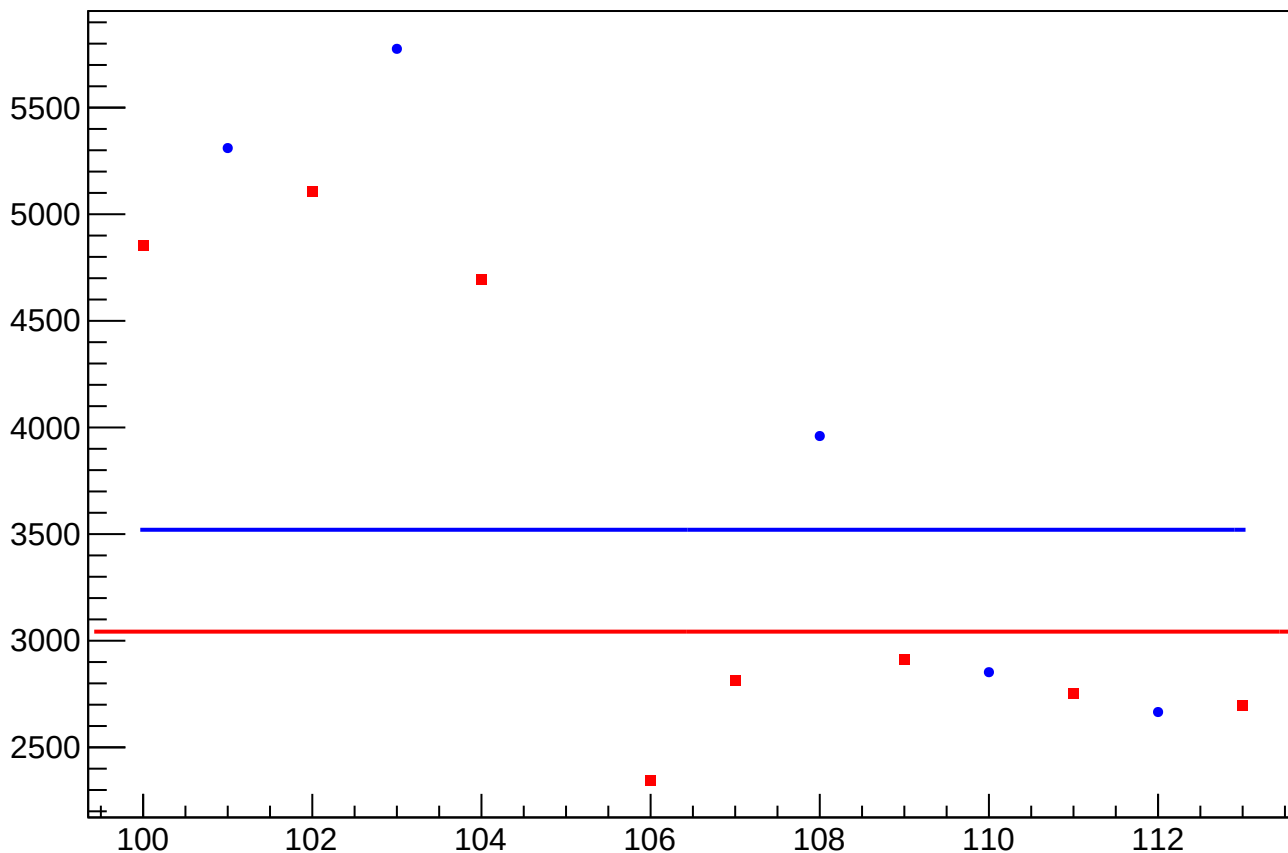
Right: -1905.555+/-1448.107 χ^2/NDF : 7.5/12

In: -2484.213+/-2343.504 χ^2/NDF : 1.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1905.555+/-1448.107 χ^2/NDF : 7.5/12

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: 3042.622+/-1.259 χ^2/NDF : 415508.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

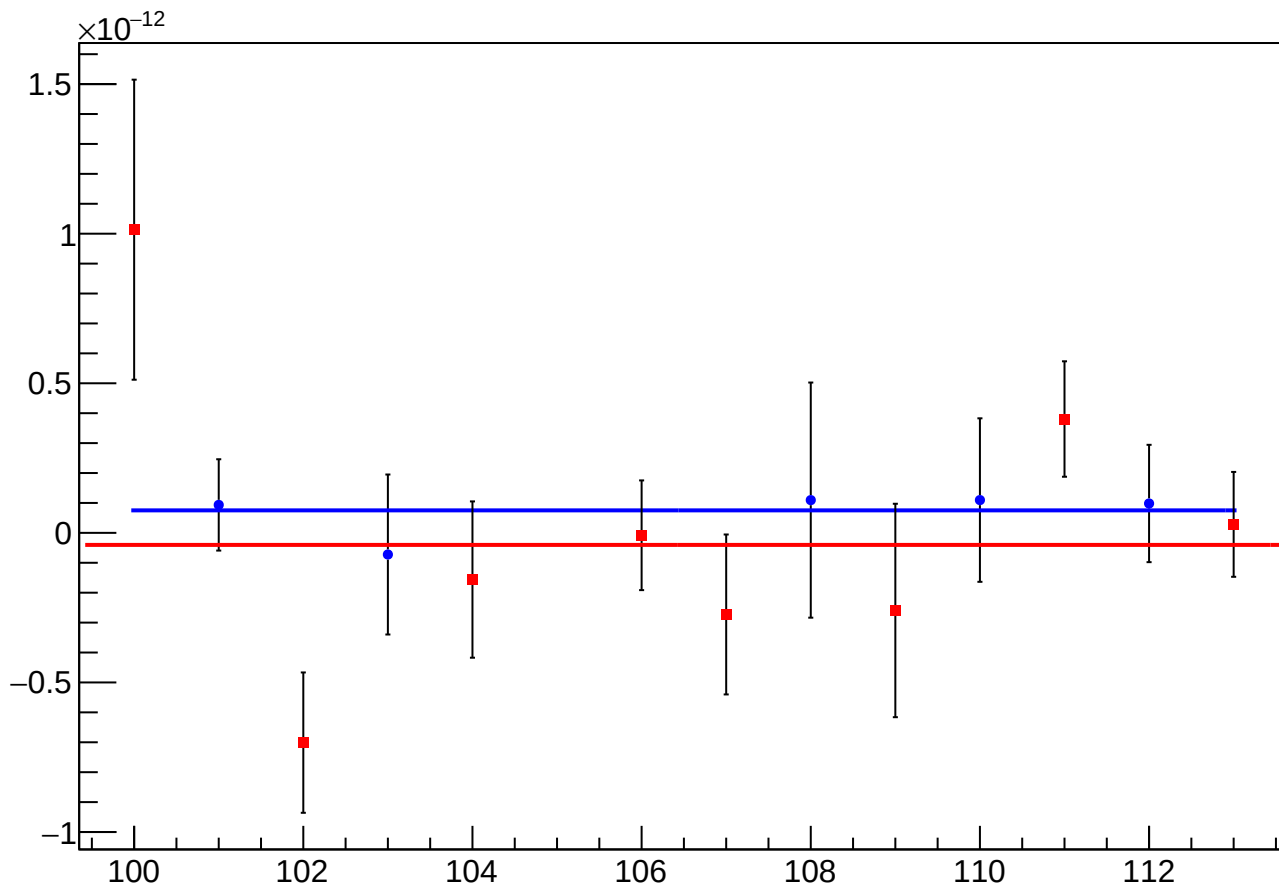
Right: 3217.435+/-1.002 χ^2/NDF : 944465.0/12

In: 3520.320+/-1.657 χ^2/NDF : 476265.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3217.435+/-1.002 χ^2/NDF : 944465.0/12

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 : 18.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

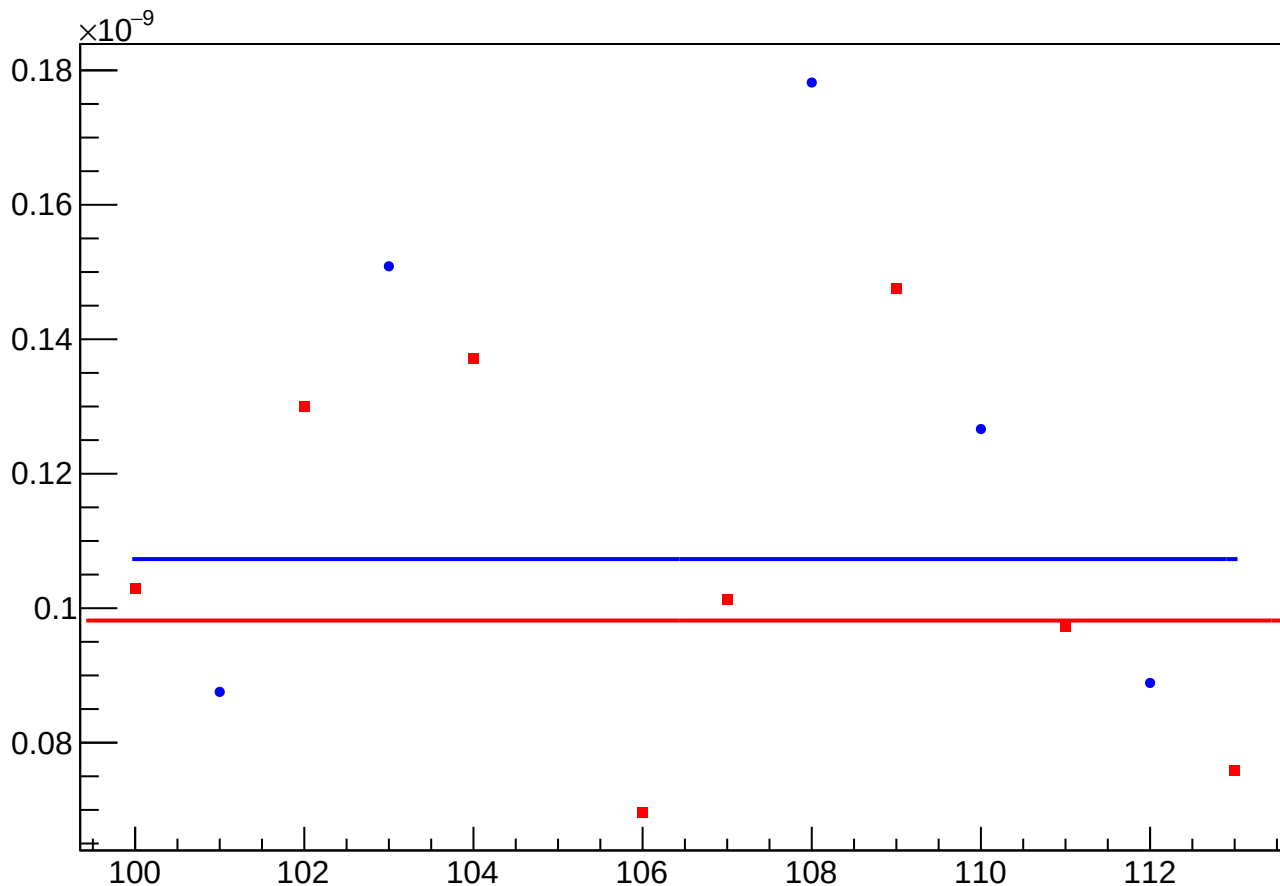
Right: 0.000+/-0.000 χ^2/NDF : 19.8/12

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 : 19.8/12

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 : 201562.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

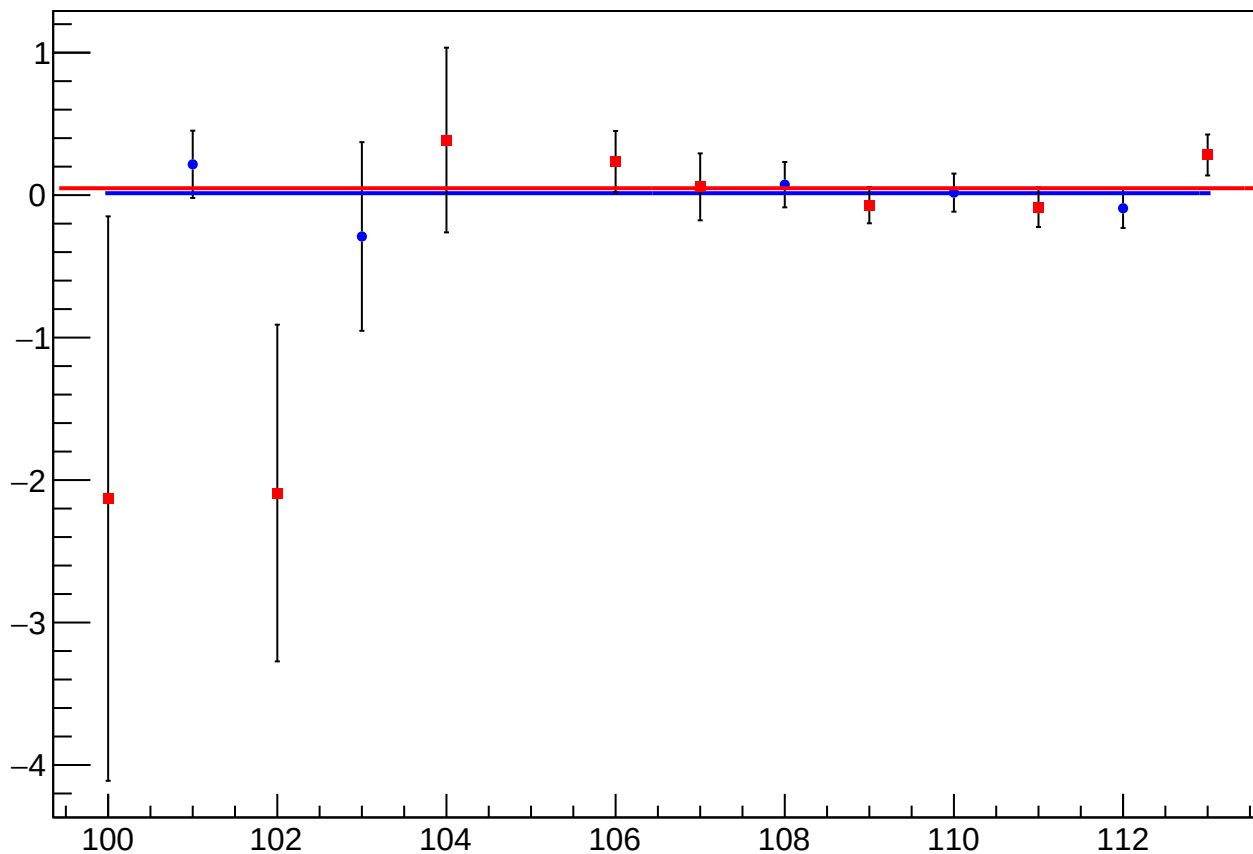
Right: 0.000+/-0.000 χ^2/NDF : 390972.3/12

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 : 390972.3/12

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: 0.048 $\pm$ 0.070 χ^2 /NDF: 9.9/7

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

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

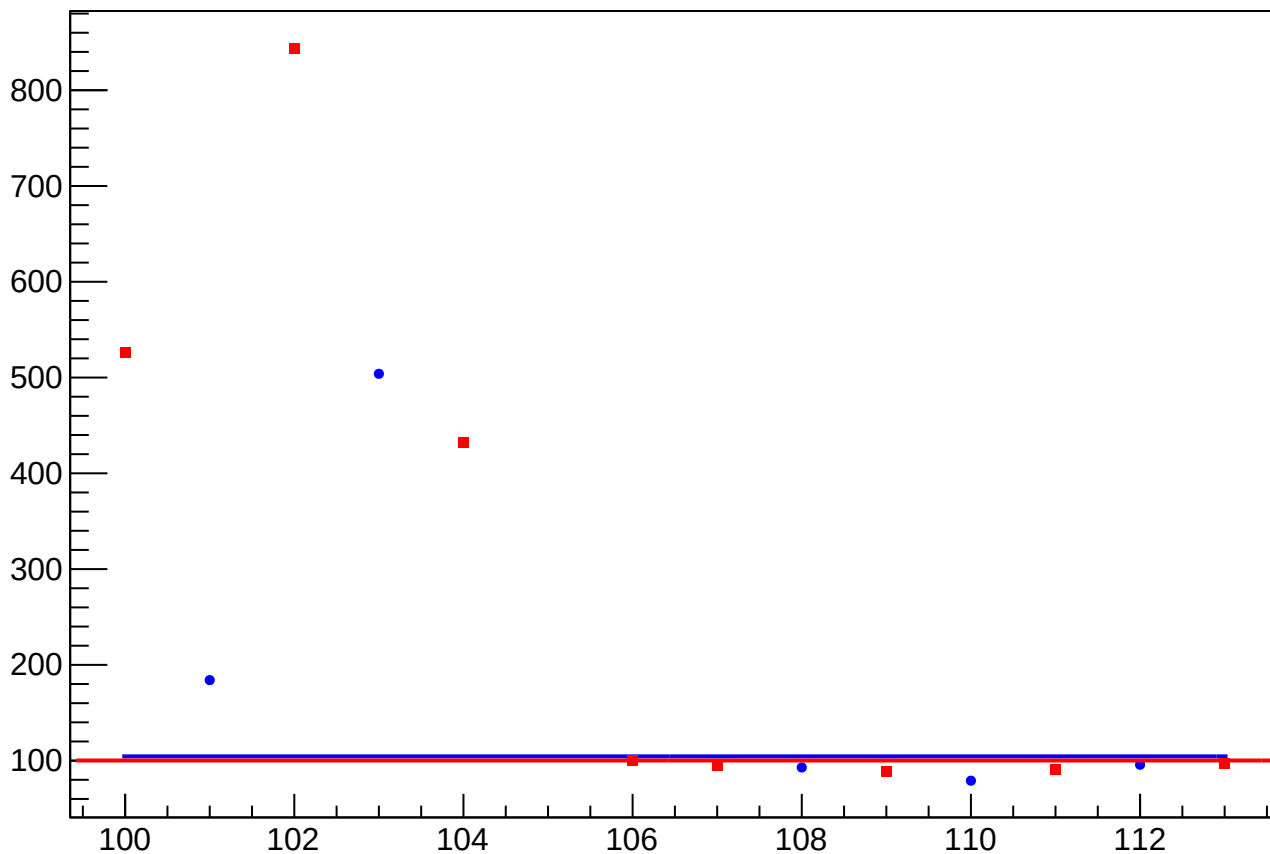
Right: 0.033 $\pm$ 0.052 χ^2 /NDF: 11.7/12

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: 0.033 $\pm$ 0.052 χ^2 /NDF: 11.7/12

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: 100.165+/-0.049 χ^2/NDF : 1436088.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

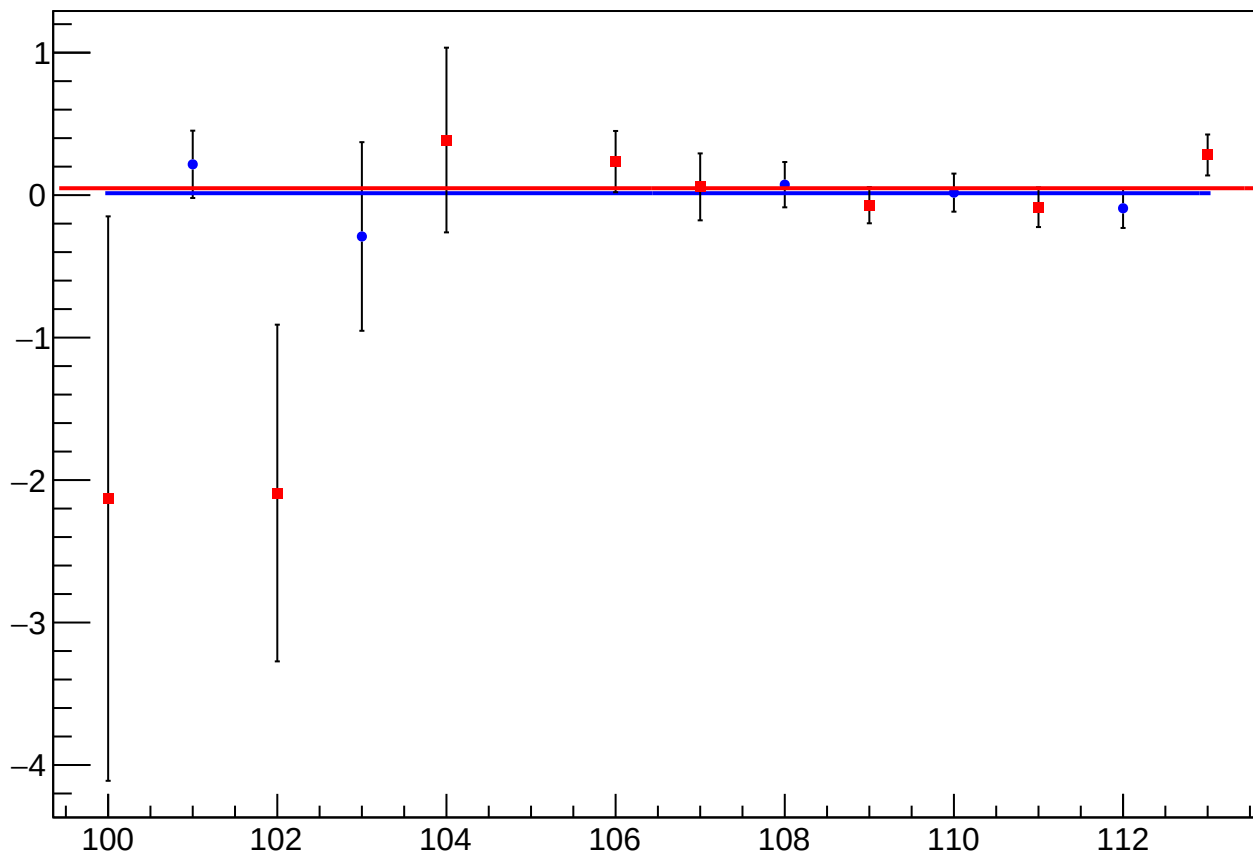
Right: 102.100+/-0.037 χ^2/NDF : 2485715.8/12

In: 104.461+/-0.055 χ^2/NDF : 1046219.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.100+/-0.037 χ^2/NDF : 2485715.8/12

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: 0.048+/-0.070 χ^2/NDF : 9.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

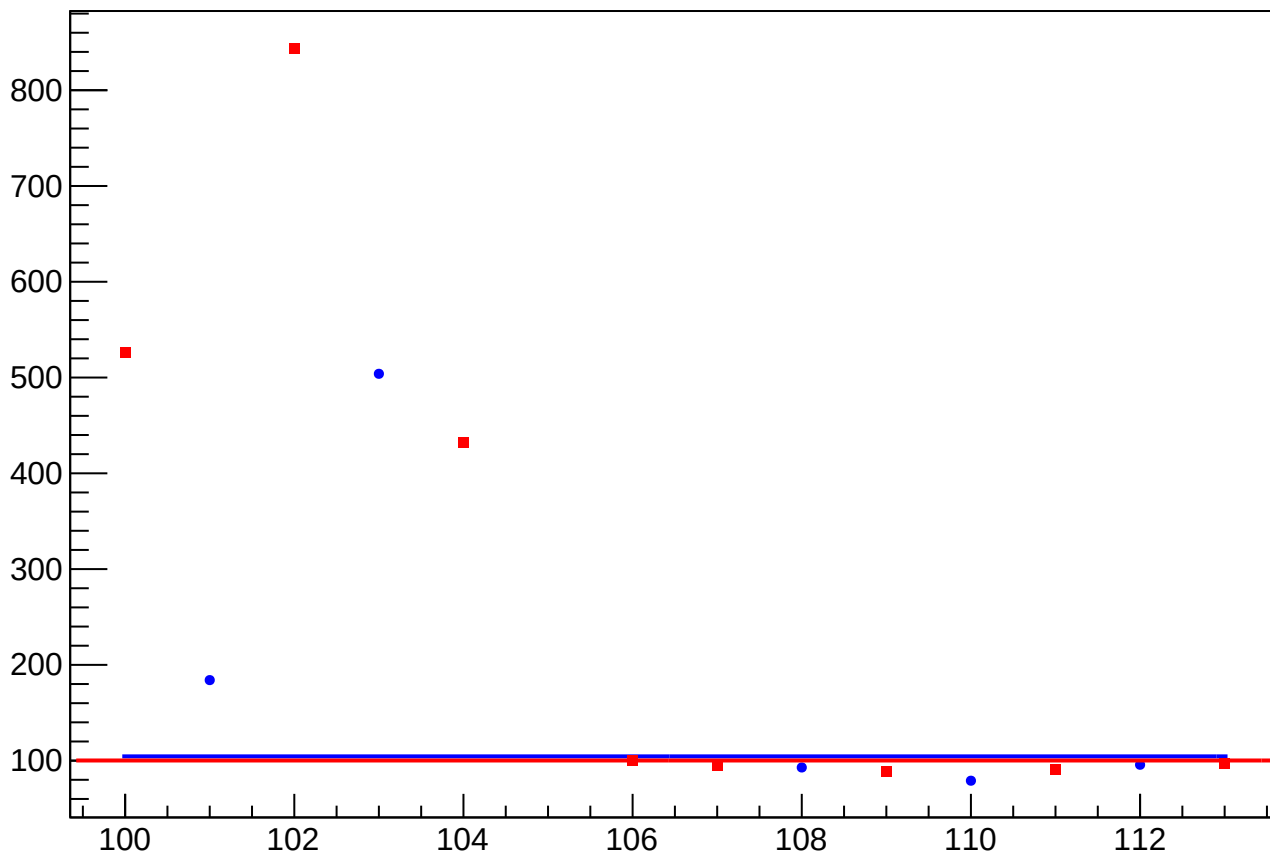
Right: 0.033+/-0.052 χ^2/NDF : 11.7/12

In: 0.013+/-0.077 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.033+/-0.052 χ^2/NDF : 11.7/12

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: 100.165+/-0.049 χ^2/NDF : 1436088.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

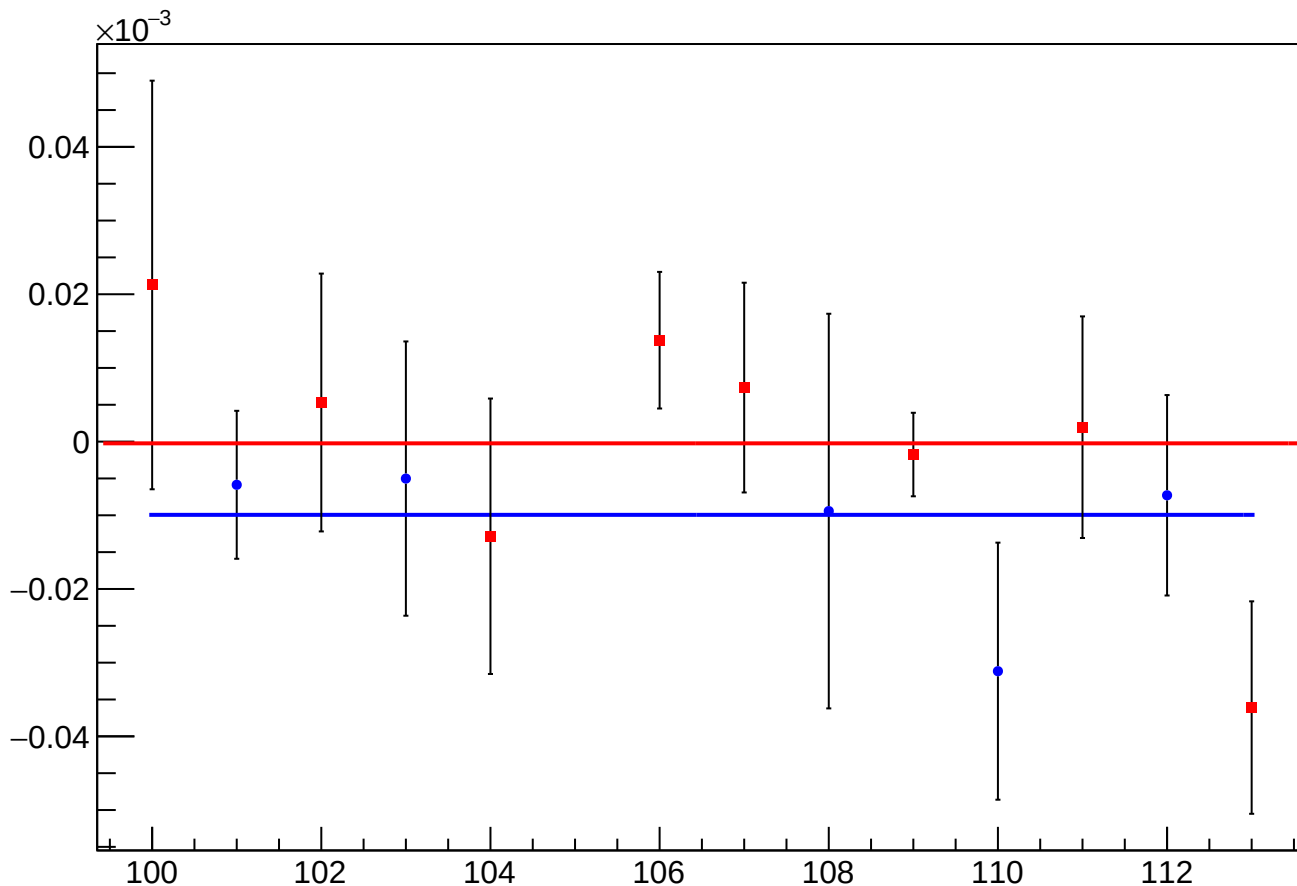
Right: 102.100+/-0.037 χ^2/NDF : 2485715.8/12

In: 104.461+/-0.055 χ^2/NDF : 1046219.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.100+/-0.037 χ^2/NDF : 2485715.8/12

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 : 10.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

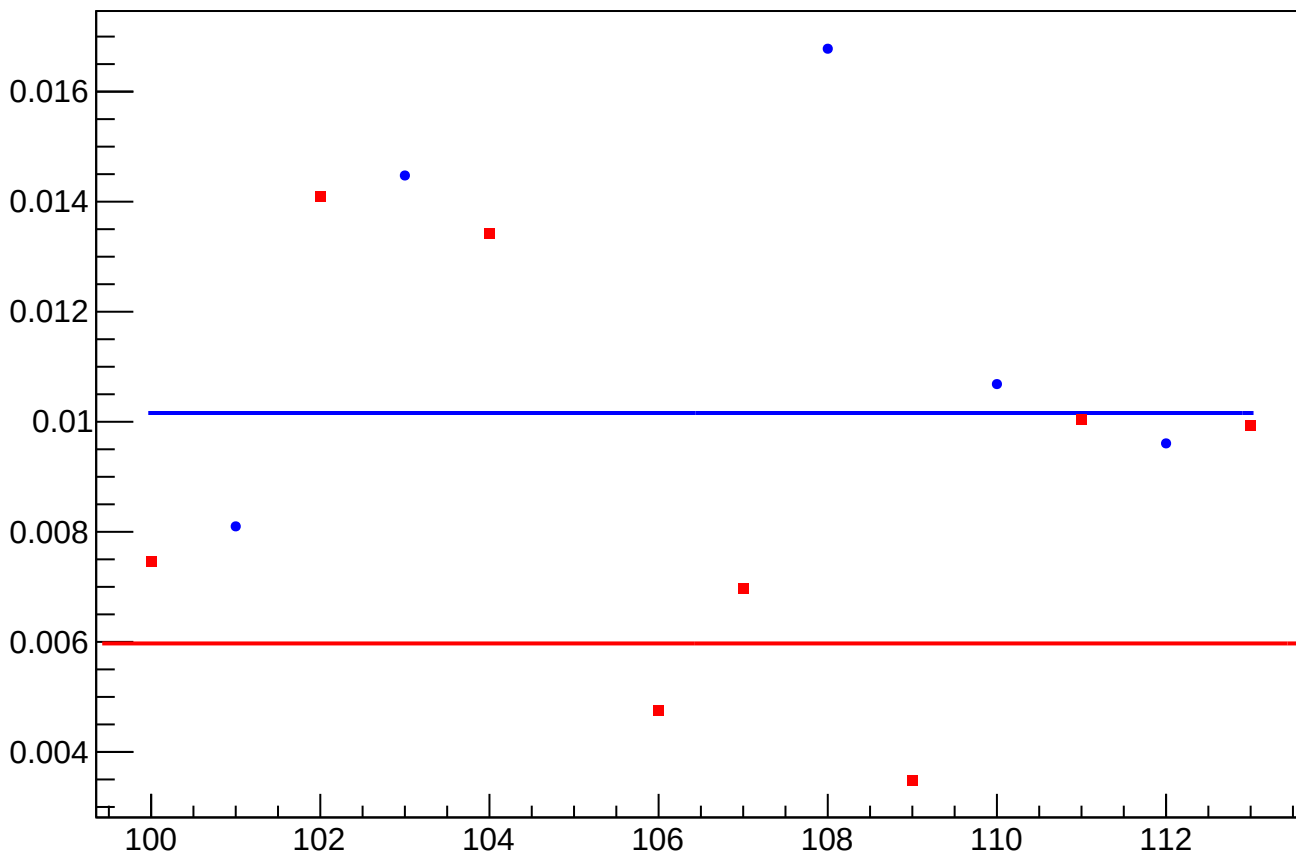
Right: -0.000+/-0.000 χ^2/NDF : 13.3/12

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 : 13.3/12

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 : 1483879.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

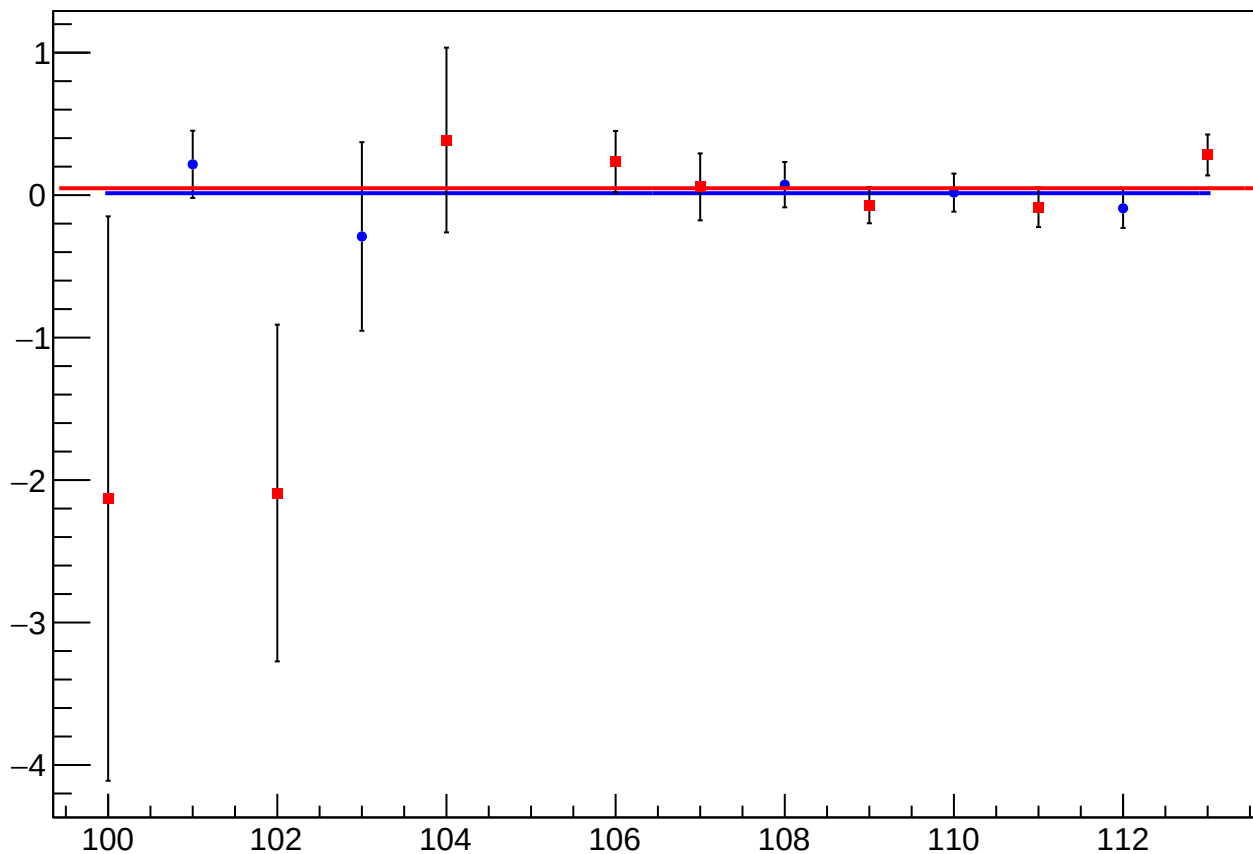
Right: 0.007+/-0.000 χ^2/NDF : 2395240.4/12

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 : 2395240.4/12

asym_atl_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.077 χ^2/NDF : 1.7/4

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

Right Out: 0.048+/-0.070 χ^2/NDF : 9.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

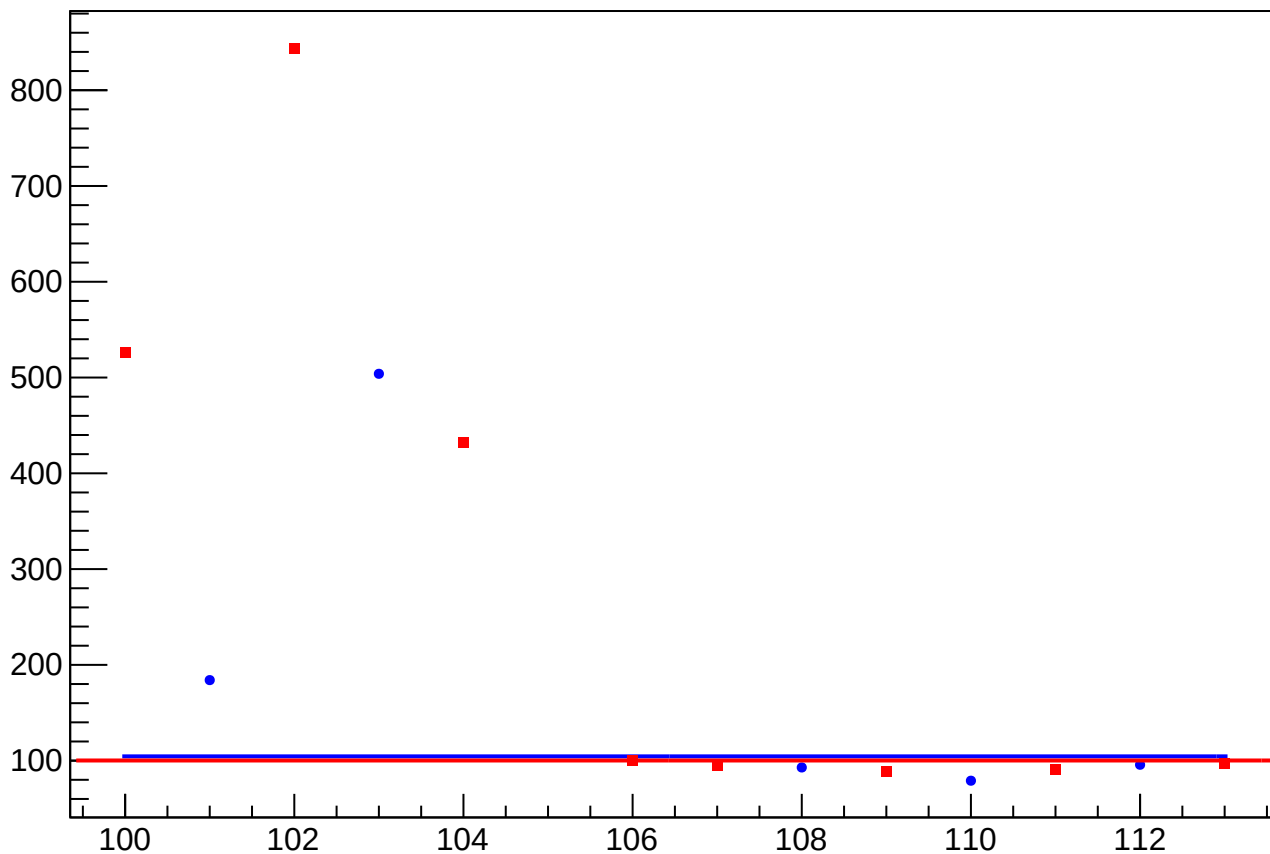
Right: 0.033+/-0.052 χ^2/NDF : 11.7/12

In: 0.014+/-0.077 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.033+/-0.052 χ^2/NDF : 11.7/12

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: 100.166+/-0.049 χ^2/NDF : 1436068.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

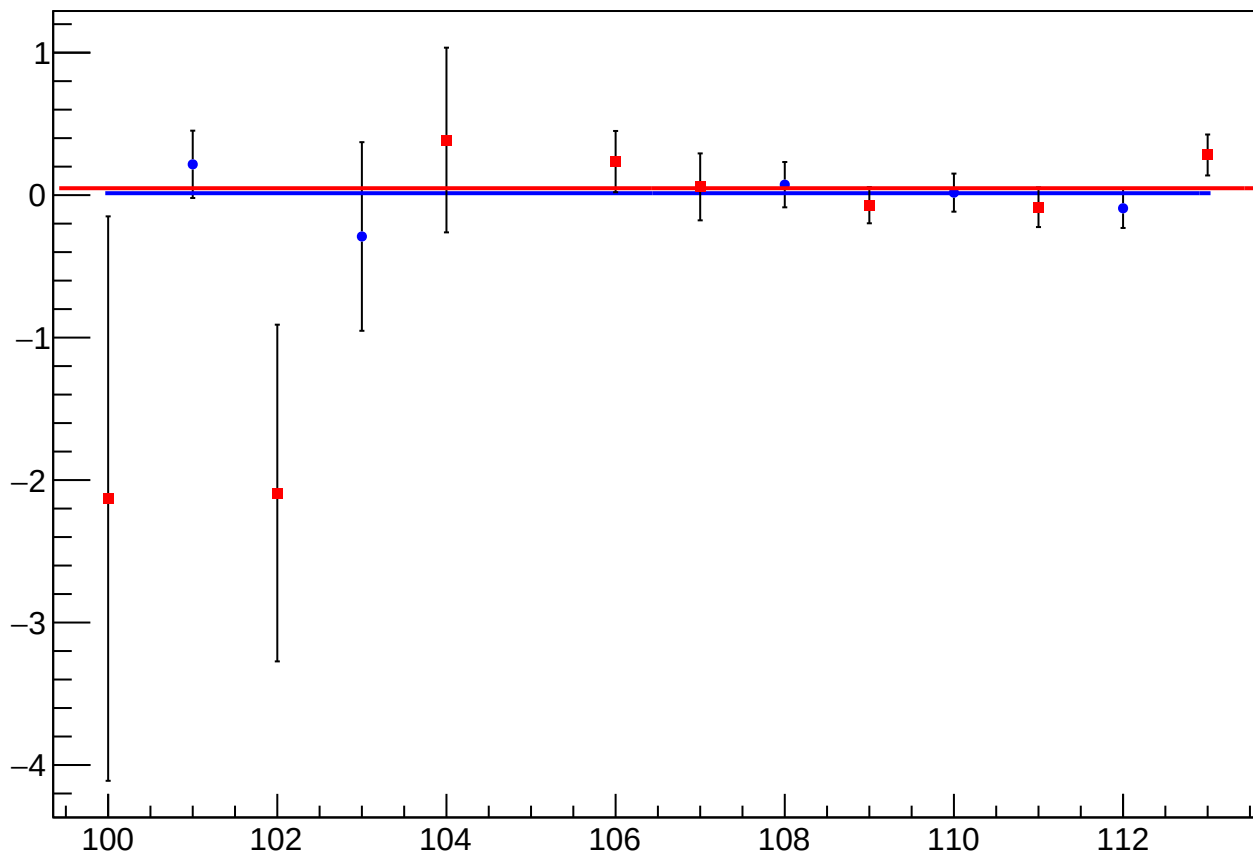
Right: 102.102+/-0.037 χ^2/NDF : 2485648.2/12

In: 104.465+/-0.055 χ^2/NDF : 1046168.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.102+/-0.037 χ^2/NDF : 2485648.2/12

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: 0.048 $\pm$ 0.070 χ^2 /NDF: 9.9/7

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

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

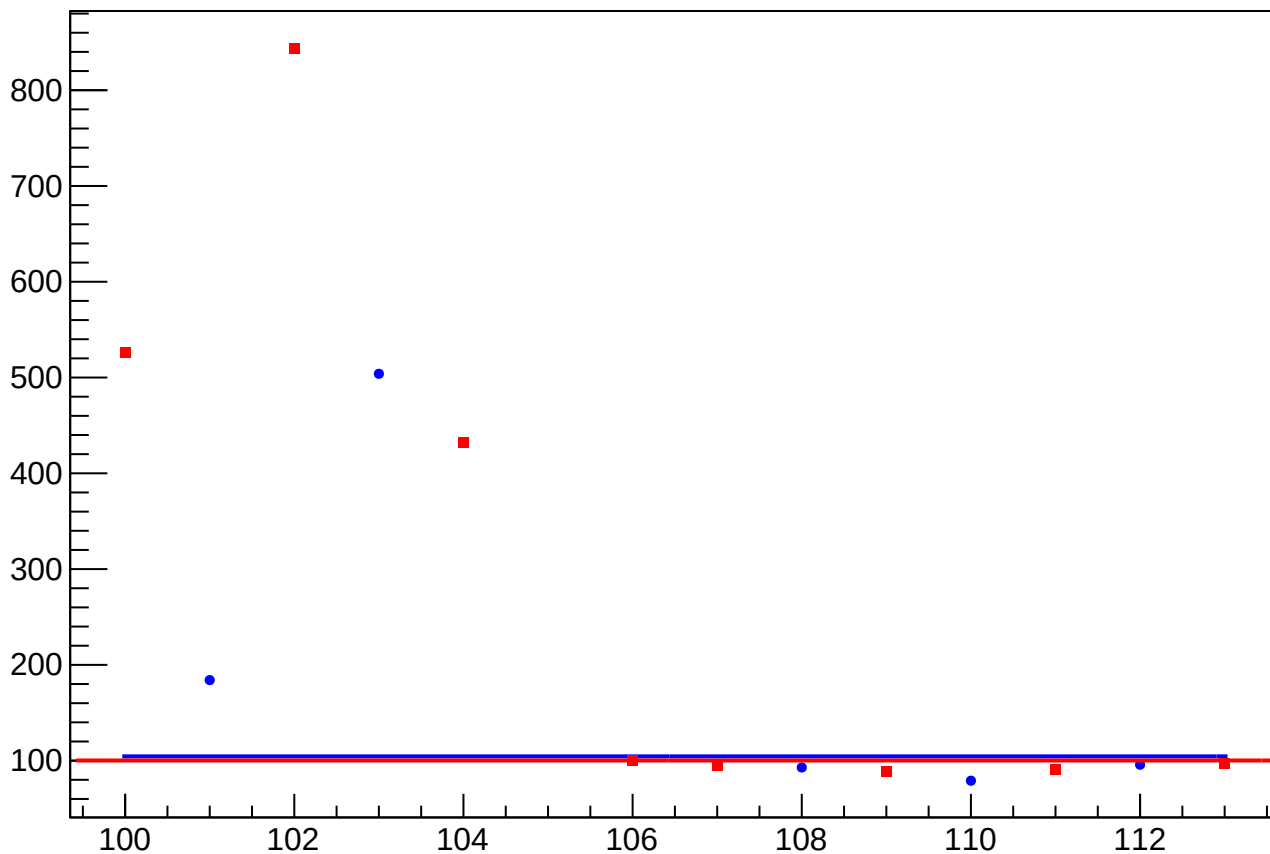
Right: 0.033 $\pm$ 0.052 χ^2 /NDF: 11.7/12

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: 0.033 $\pm$ 0.052 χ^2 /NDF: 11.7/12

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: 100.166+/-0.049 χ^2/NDF : 1436068.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

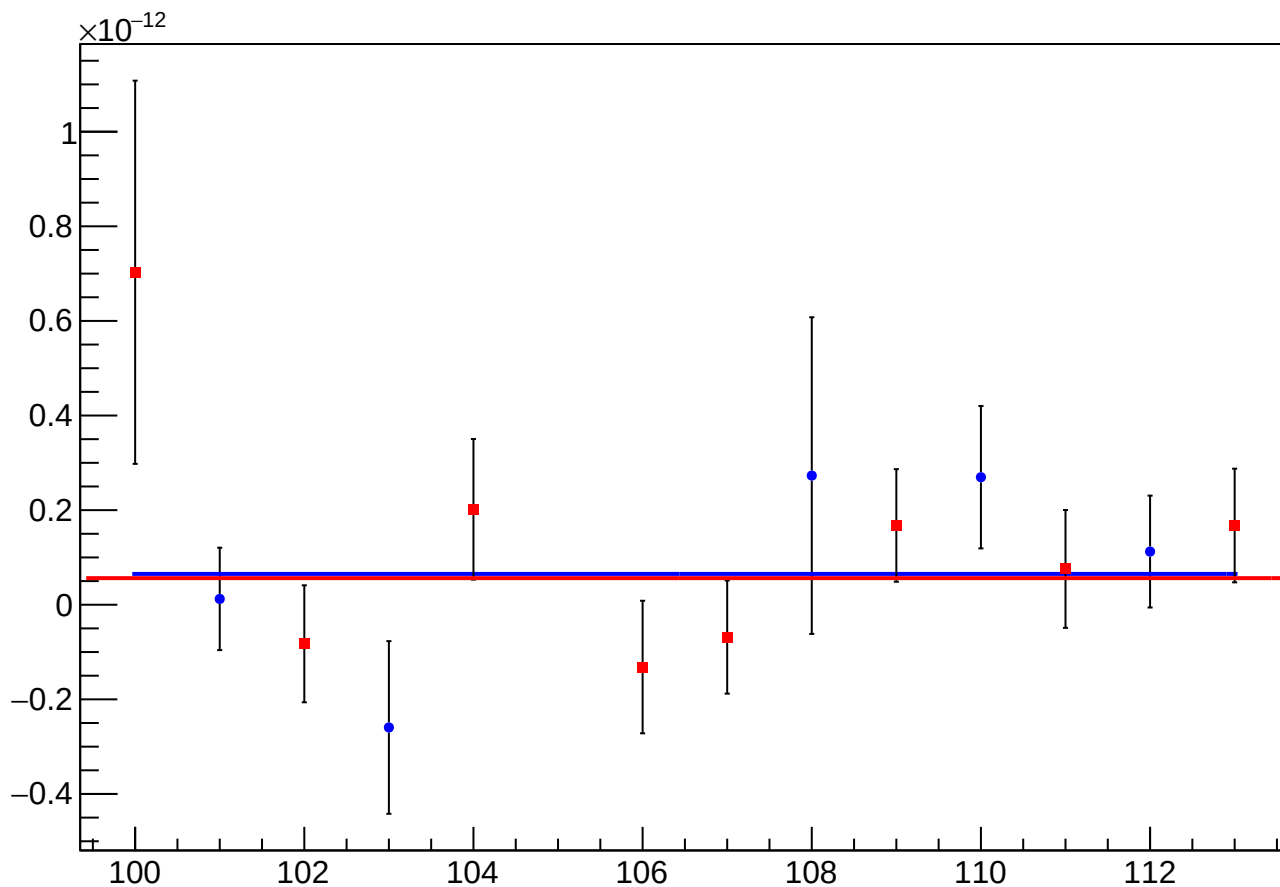
Right: 102.102+/-0.037 χ^2/NDF : 2485648.2/12

In: 104.465+/-0.055 χ^2/NDF : 1046168.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.102+/-0.037 χ^2/NDF : 2485648.2/12

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 : 9.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

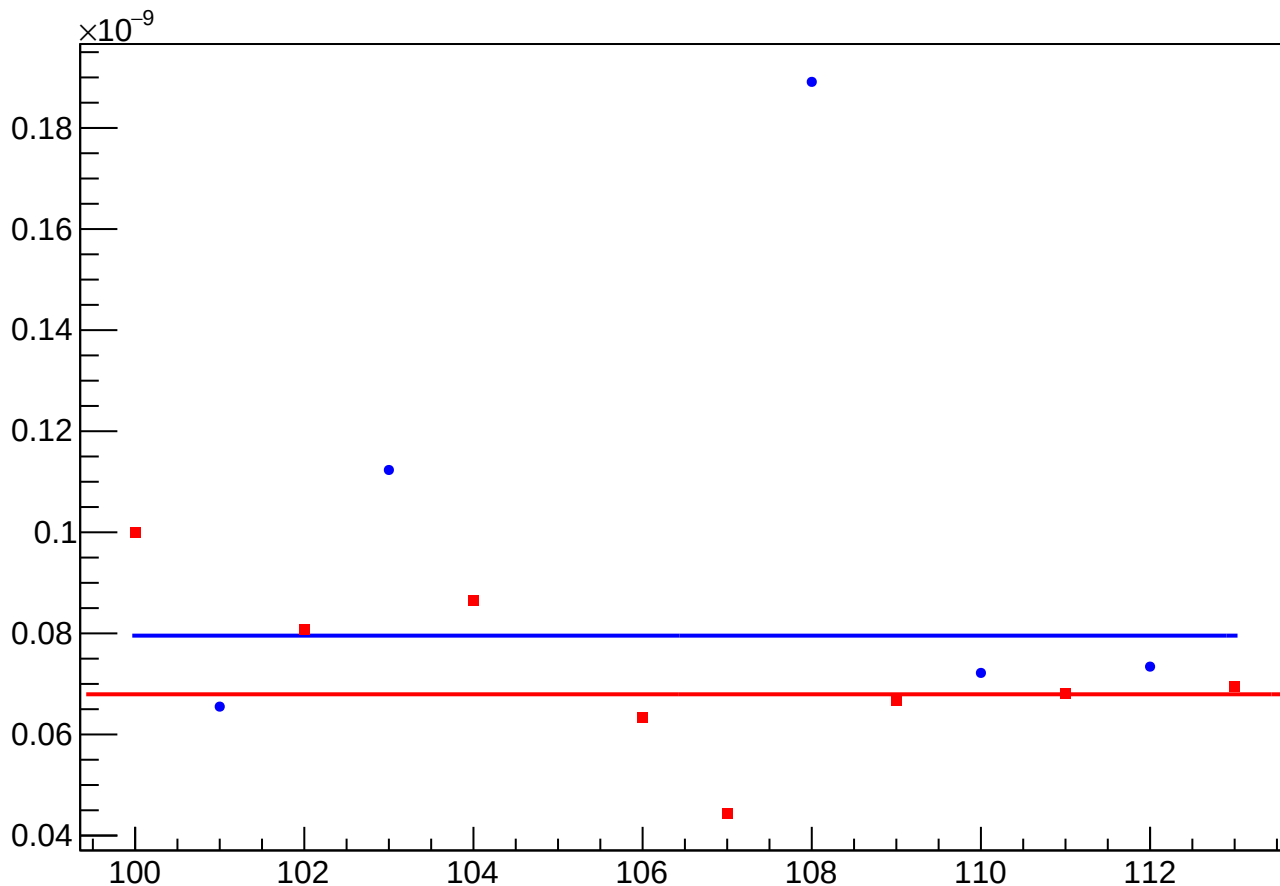
Right: 0.000+/-0.000 χ^2/NDF : 15.2/12

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 : 15.2/12

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 : 145186.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

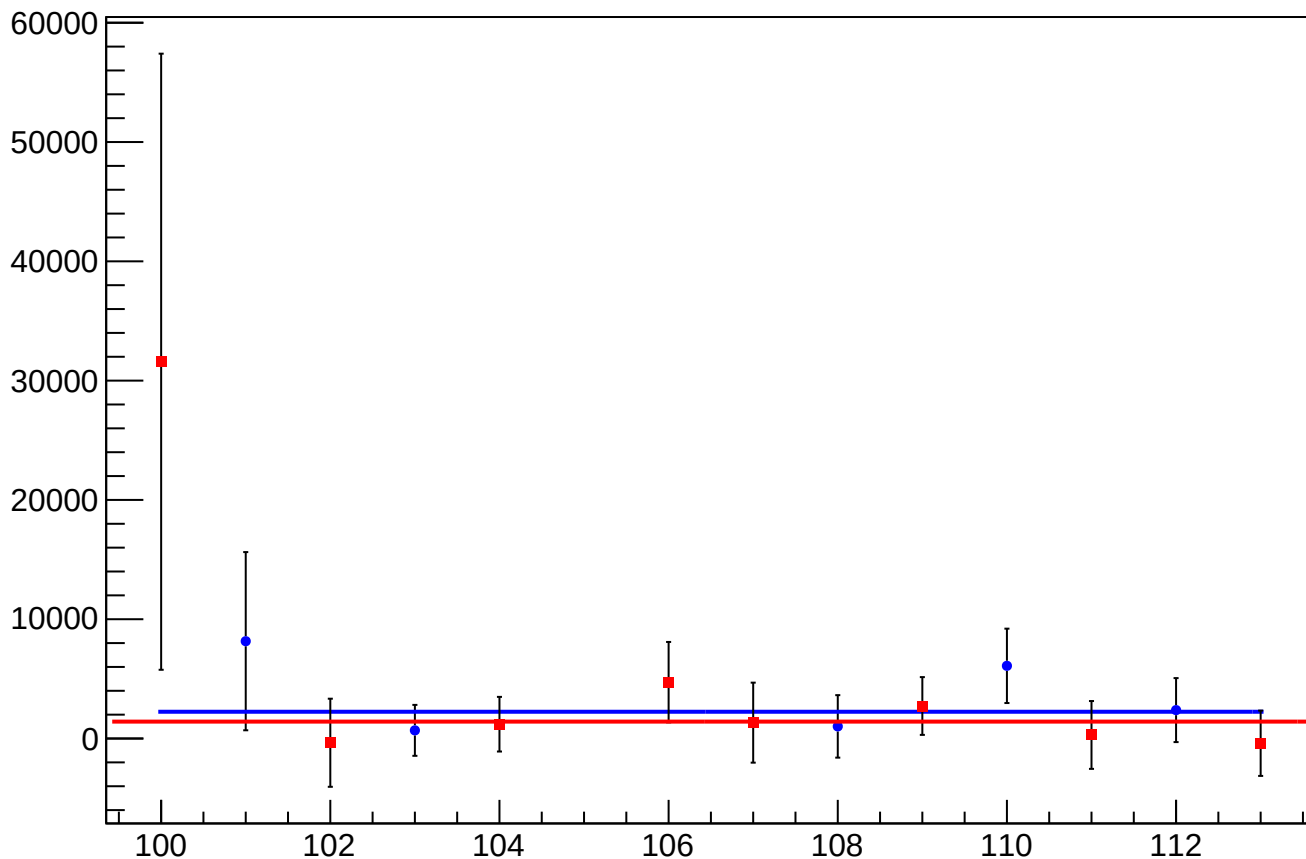
Right: 0.000+/-0.000 χ^2/NDF : 509737.5/12

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 : 509737.5/12

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: 1417.411+/-1072.056 χ^2/NDF : 3.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

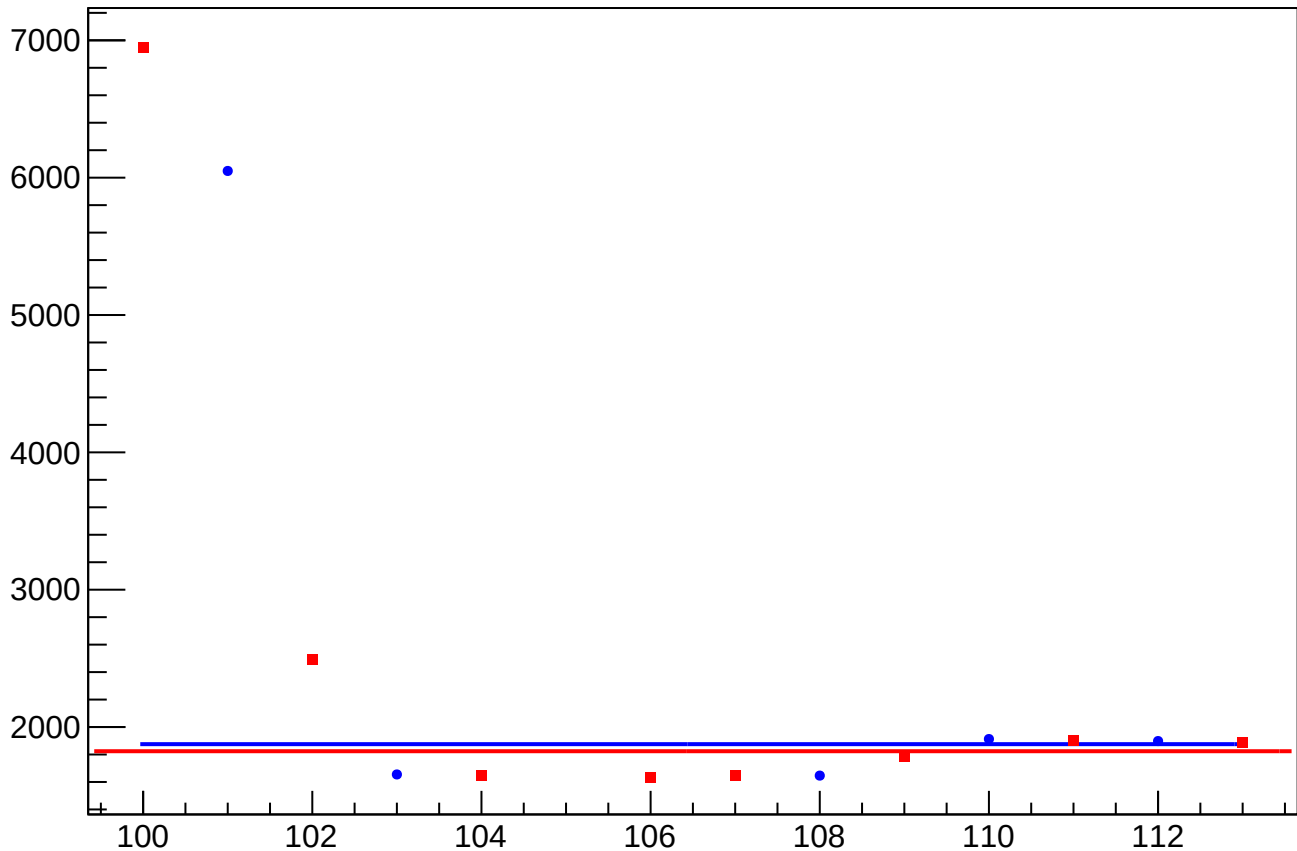
Right: 1762.977+/-817.813 χ^2/NDF : 6.6/12

In: 2243.991+/-1264.829 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1762.977+/-817.813 χ^2/NDF : 6.6/12

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: 1823.919+/-0.752 χ^2/NDF : 171538.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

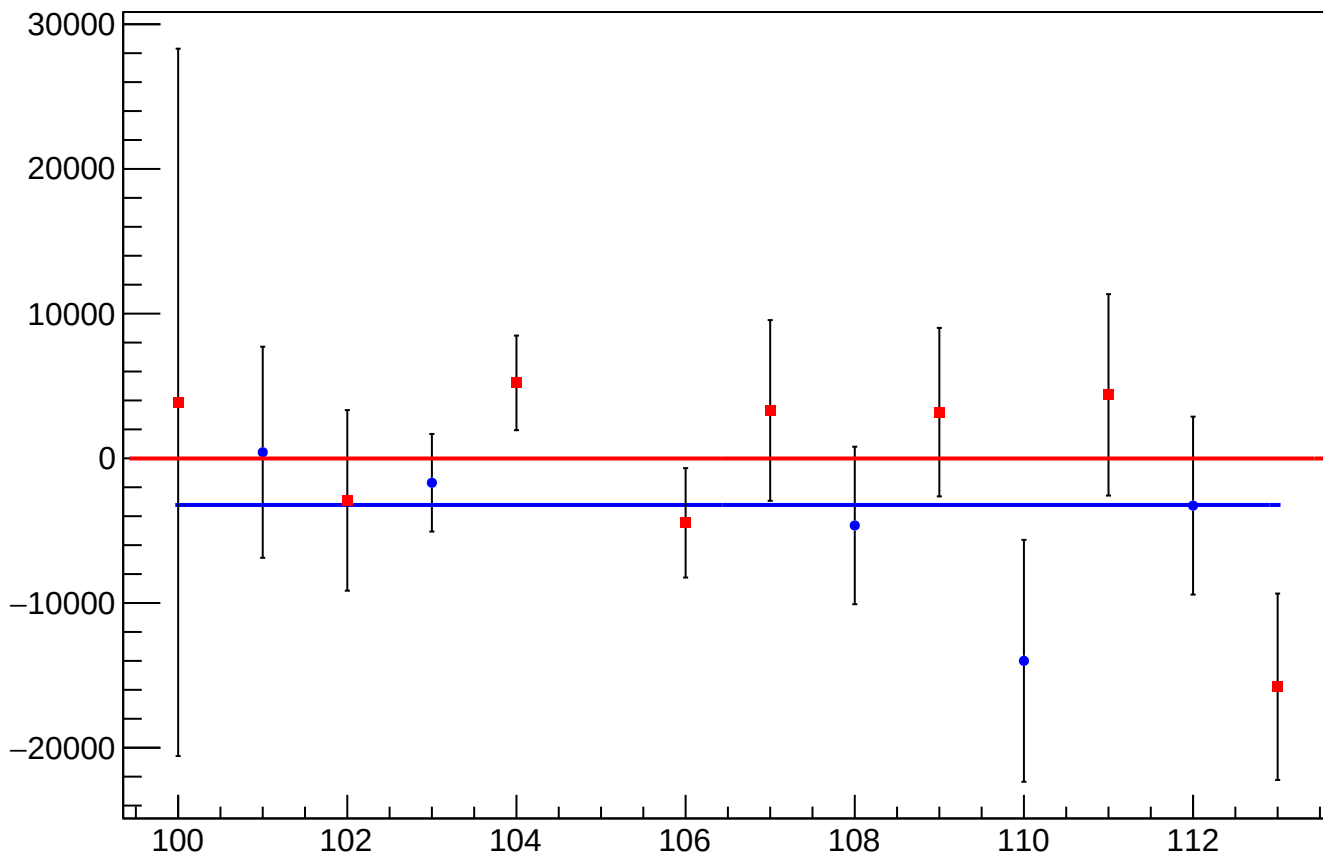
Right: 1845.229+/-0.576 χ^2/NDF : 835084.5/12

In: 1875.362+/-0.894 χ^2/NDF : 661608.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1845.229+/-0.576 χ^2/NDF : 835084.5/12

asym_atr_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -3222.884+/-2349.178 χ^2/NDF : 2.2/4

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

Right Out: -11.474+/-1854.686 χ^2/NDF : 11.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

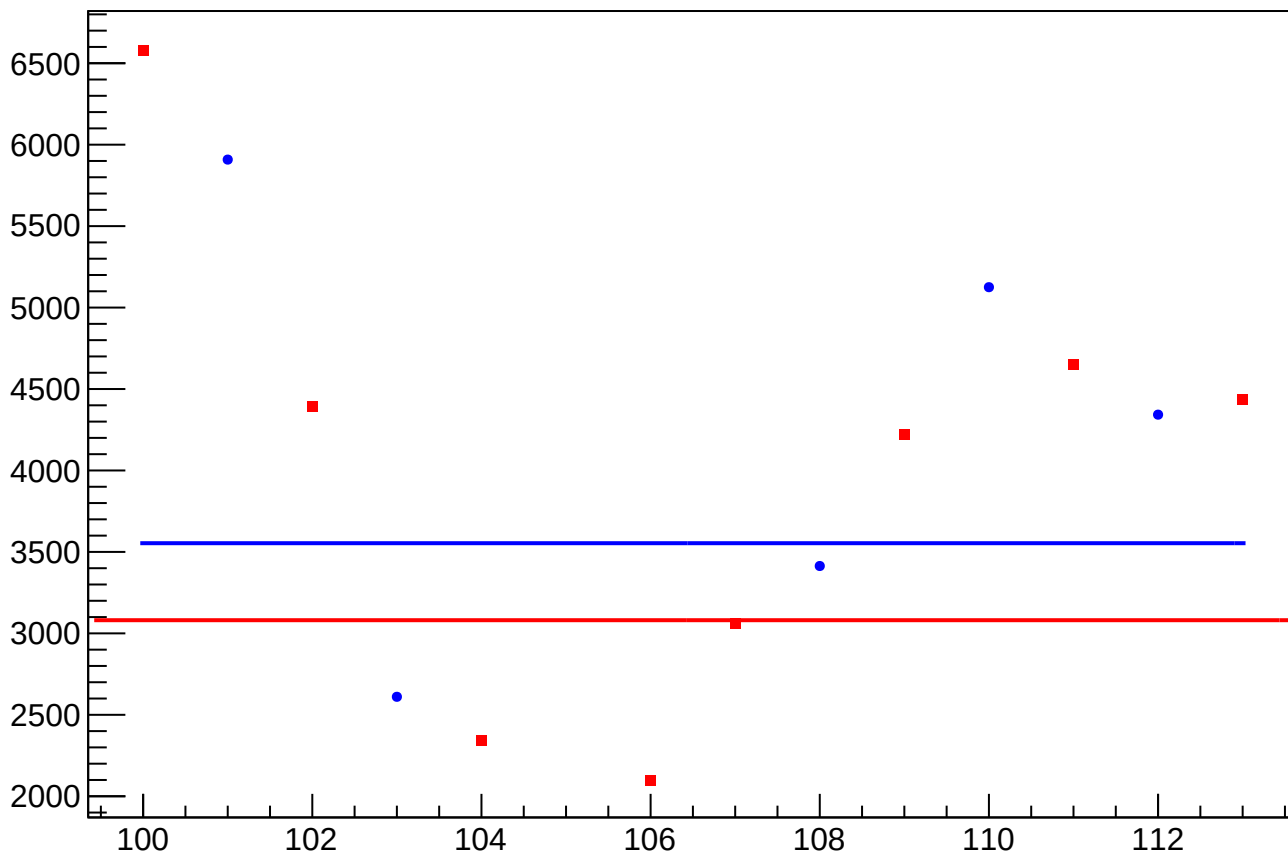
Right: -1244.583+/-1455.689 χ^2/NDF : 14.5/12

In: -3222.884+/-2349.178 χ^2/NDF : 2.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1244.583+/-1455.689 χ^2/NDF : 14.5/12

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: 3080.820+/-1.311 χ^2/NDF : 634059.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

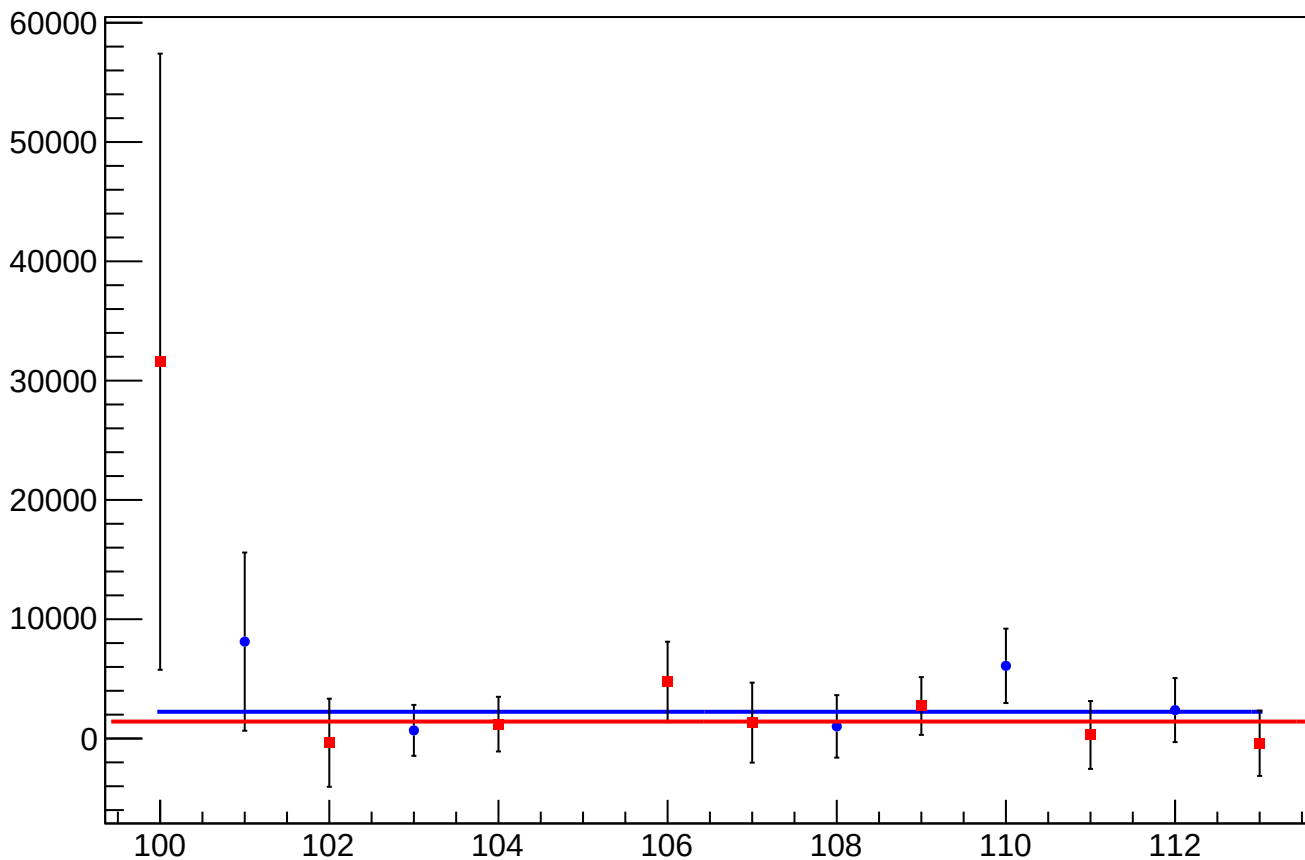
Right: 3262.325+/-1.029 χ^2/NDF : 1153586.6/12

In: 3553.519+/-1.661 χ^2/NDF : 469642.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3262.325+/-1.029 χ^2/NDF : 1153586.6/12

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: 1420.173+/-1072.071 χ^2/NDF : 3.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

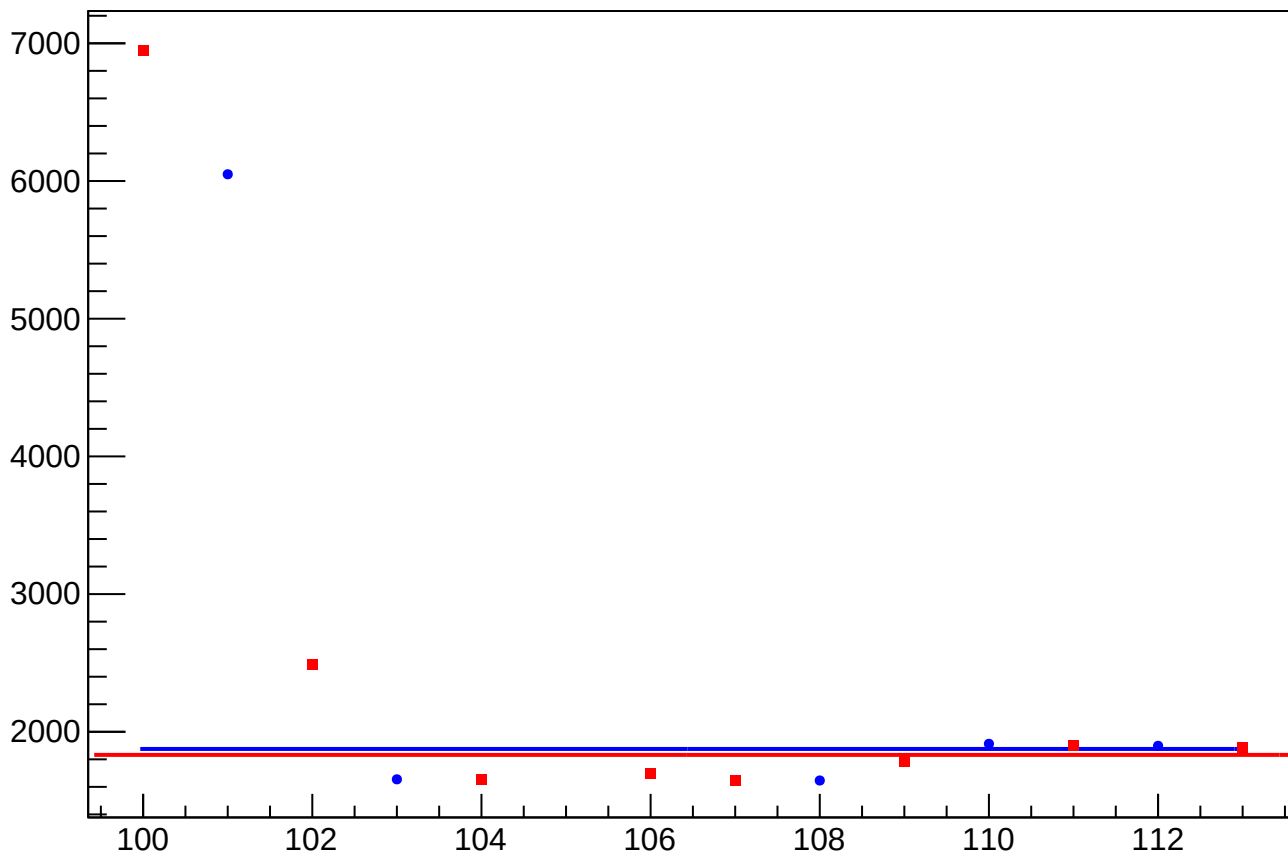
Right: 1763.711+/-817.820 χ^2/NDF : 6.6/12

In: 2241.893+/-1264.830 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1763.711+/-817.820 χ^2/NDF : 6.6/12

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: 1832.371+/-0.755 χ^2/NDF : 167050.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

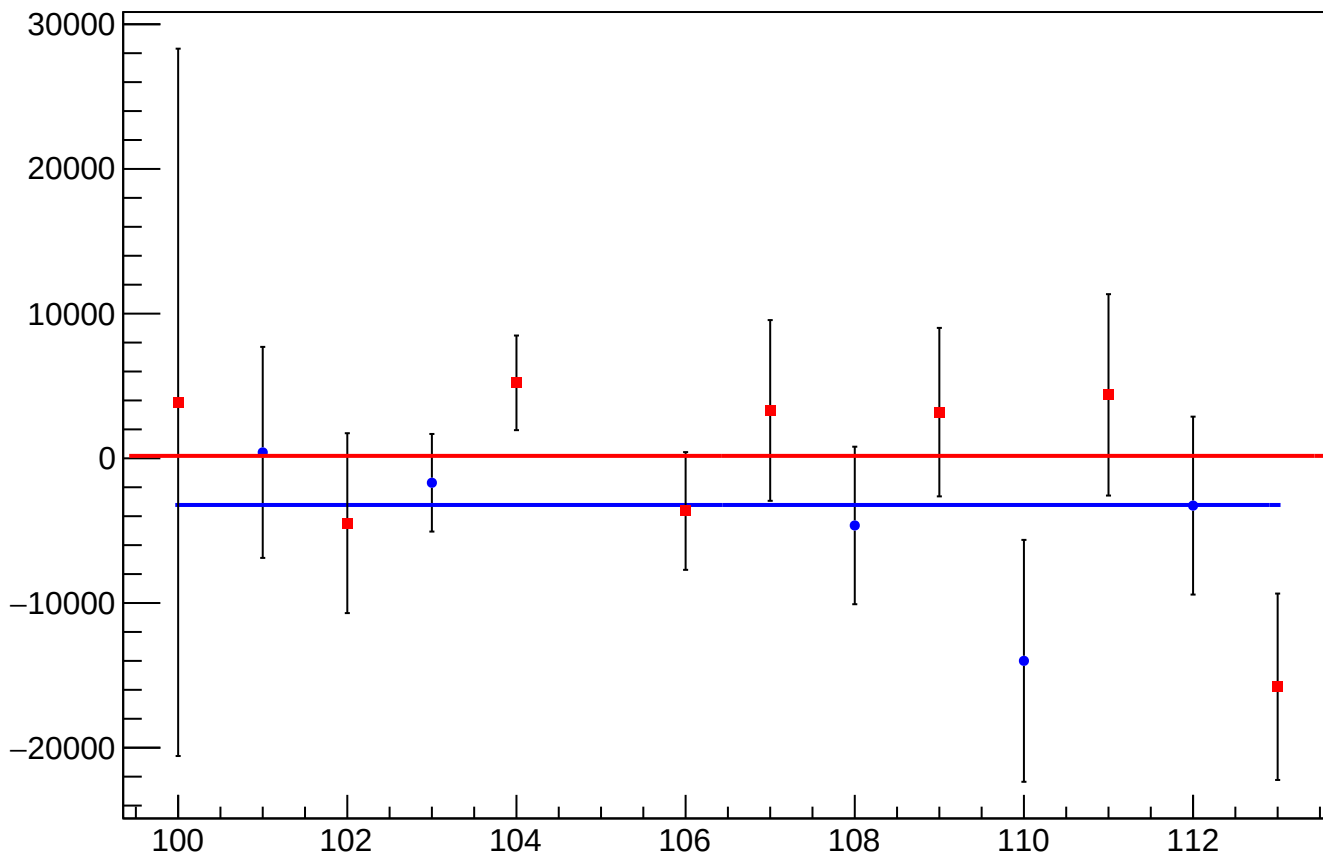
Right: 1850.270+/-0.577 χ^2/NDF : 830006.6/12

In: 1875.363+/-0.894 χ^2/NDF : 661607.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1850.270+/-0.577 χ^2/NDF : 830006.6/12

asym_atr_avg_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: 168.835+/-1885.192 χ^2/NDF : 10.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

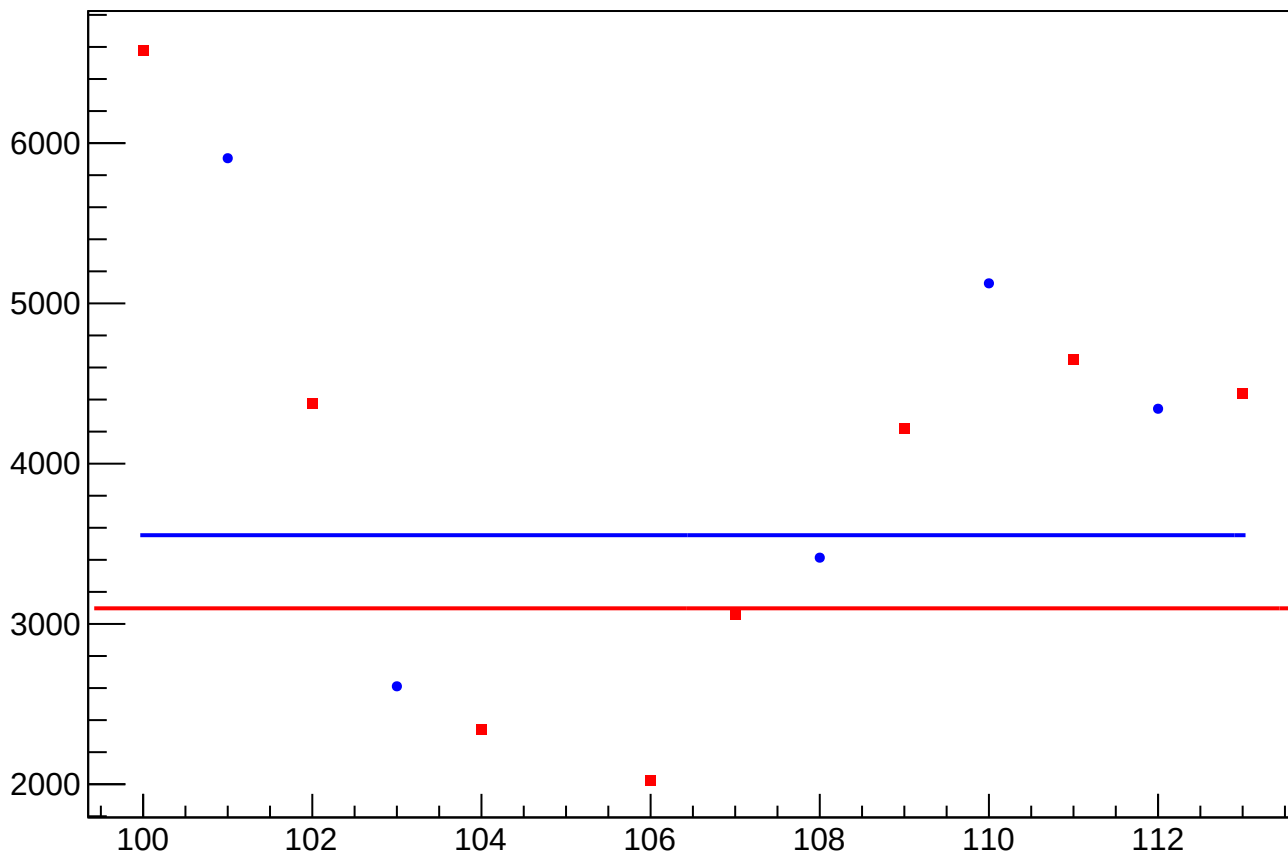
Right: -1160.127+/-1470.302 χ^2/NDF : 14.3/12

In: -3223.776+/-2349.185 χ^2/NDF : 2.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1160.127+/-1470.302 χ^2/NDF : 14.3/12

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: 3097.501+/-1.333 χ^2/NDF : 631314.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

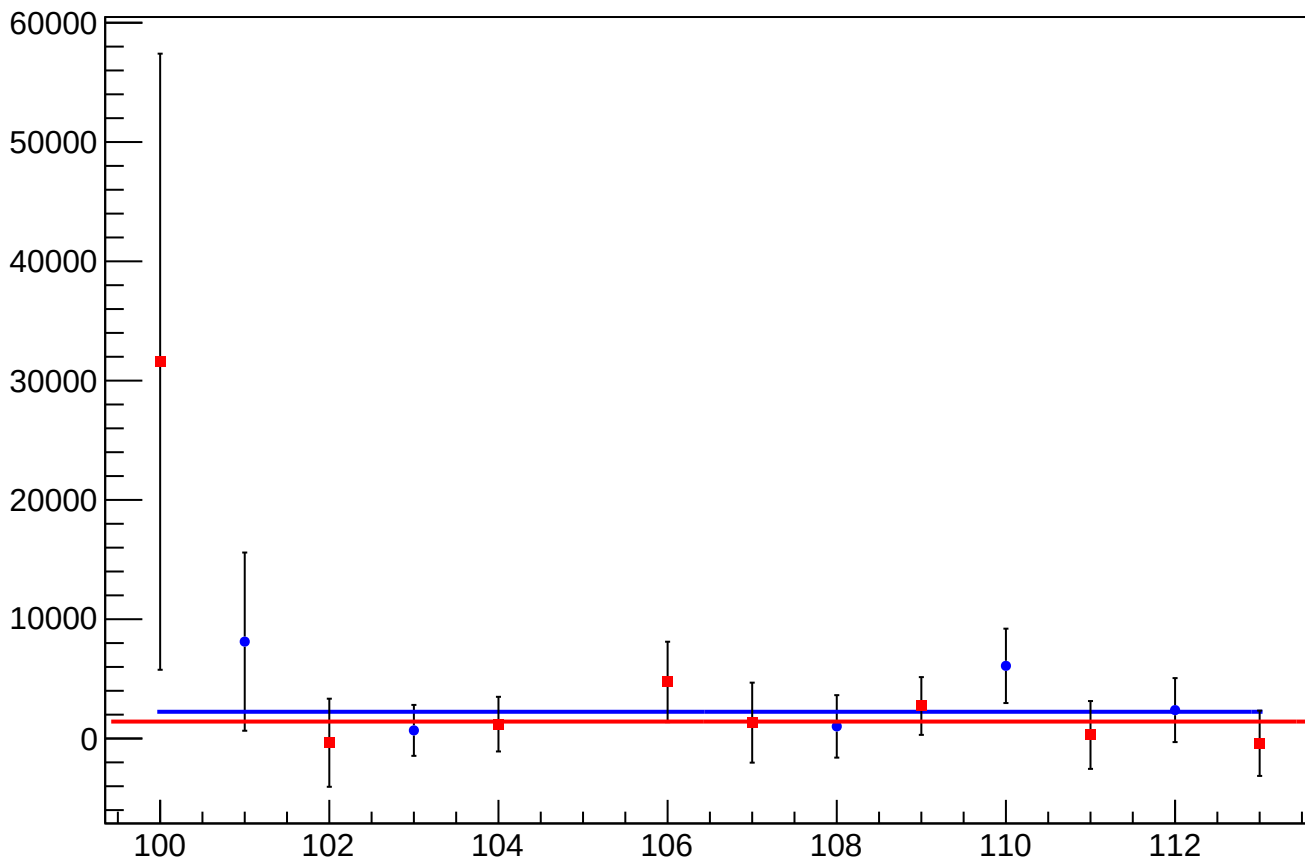
Right: 3276.211+/-1.040 χ^2/NDF : 1146416.6/12

In: 3553.717+/-1.661 χ^2/NDF : 469220.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3276.211+/-1.040 χ^2/NDF : 1146416.6/12

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: 1420.173+/-1072.071 χ^2/NDF : 3.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

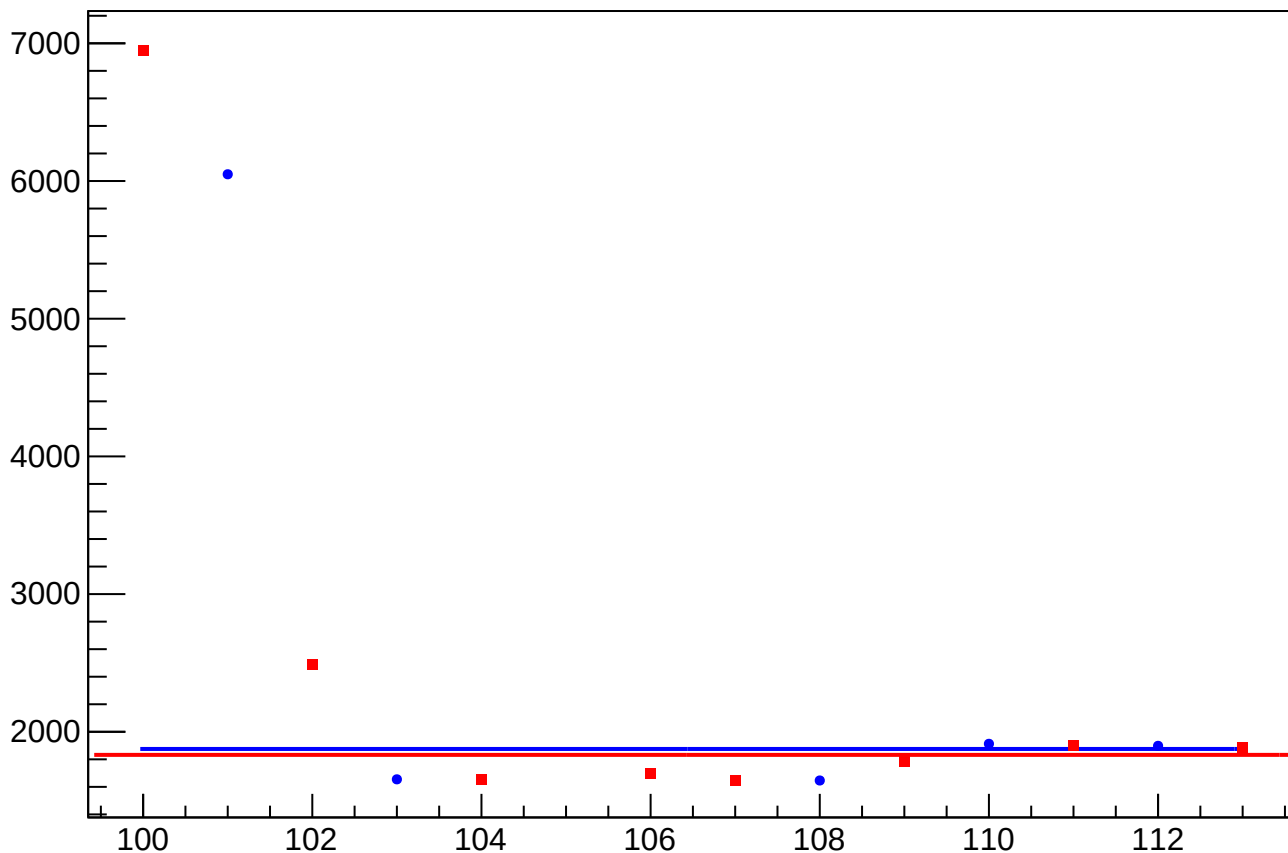
Right: 1763.711+/-817.820 χ^2/NDF : 6.6/12

In: 2241.893+/-1264.830 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1763.711+/-817.820 χ^2/NDF : 6.6/12

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: 1832.371+/-0.755 χ^2/NDF : 167050.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

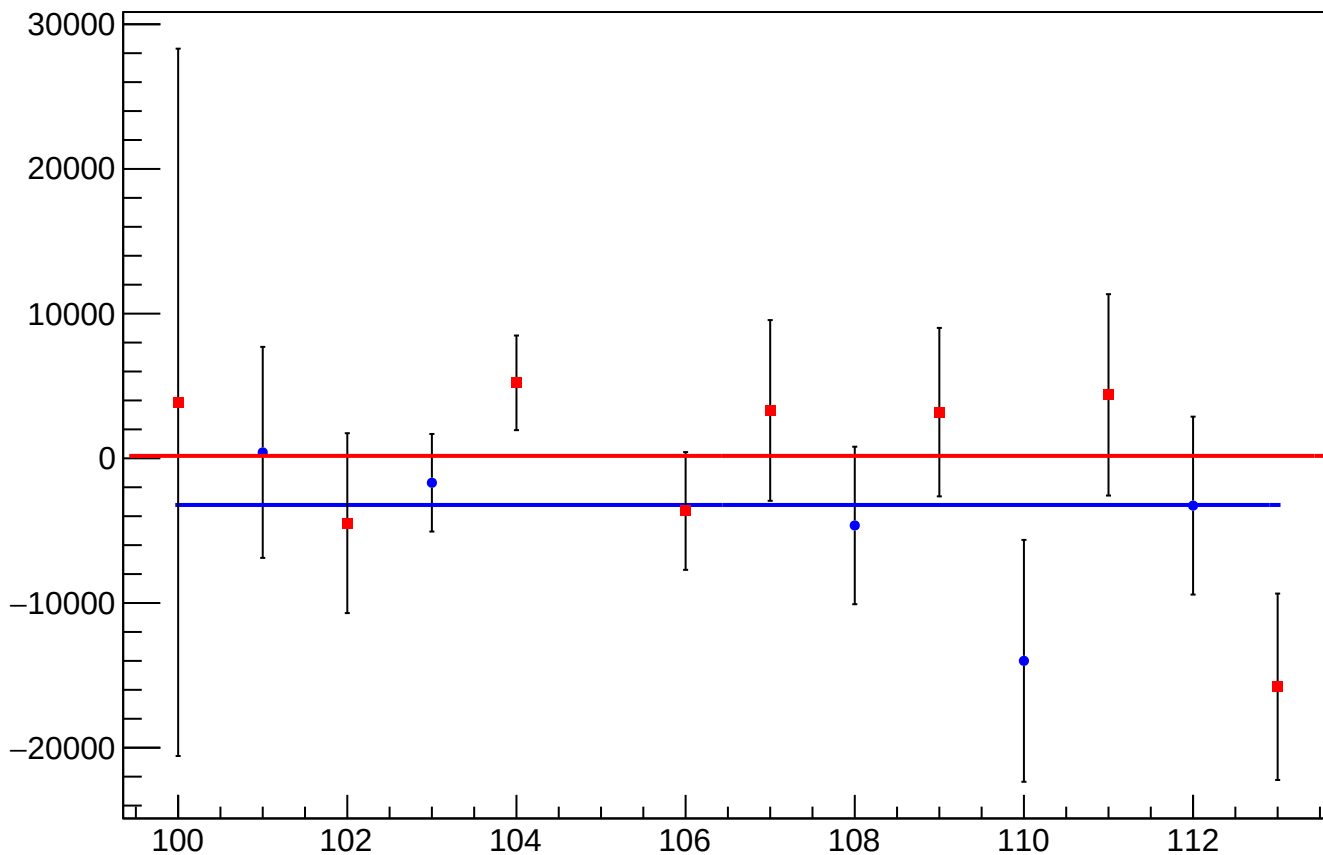
Right: 1850.270+/-0.577 χ^2/NDF : 830006.6/12

In: 1875.363+/-0.894 χ^2/NDF : 661607.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1850.270+/-0.577 χ^2/NDF : 830006.6/12

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: 168.835+/-1885.192 χ^2/NDF : 10.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

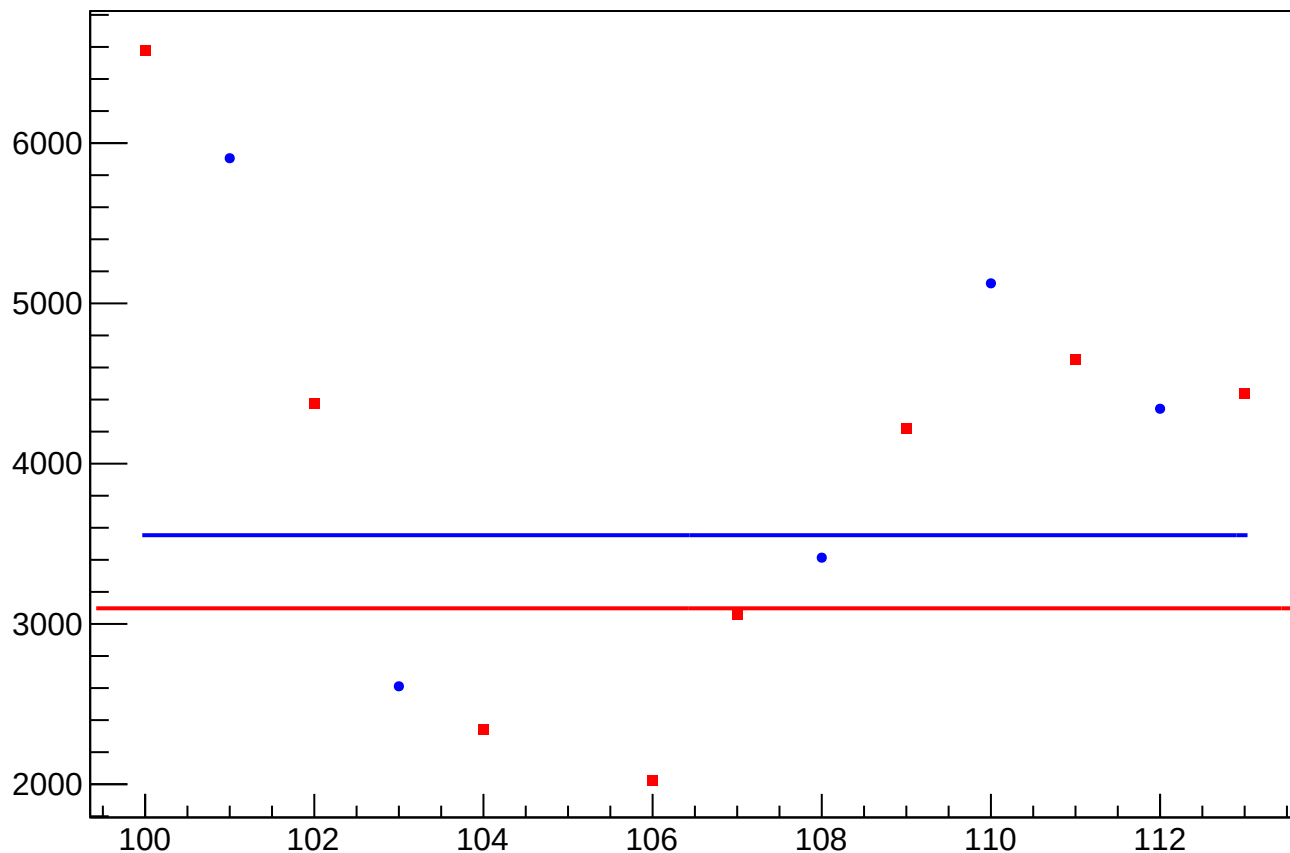
Right: -1160.127+/-1470.302 χ^2/NDF : 14.3/12

In: -3223.776+/-2349.185 χ^2/NDF : 2.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1160.127+/-1470.302 χ^2/NDF : 14.3/12

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: 3097.501+/-1.333 χ^2/NDF : 631314.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

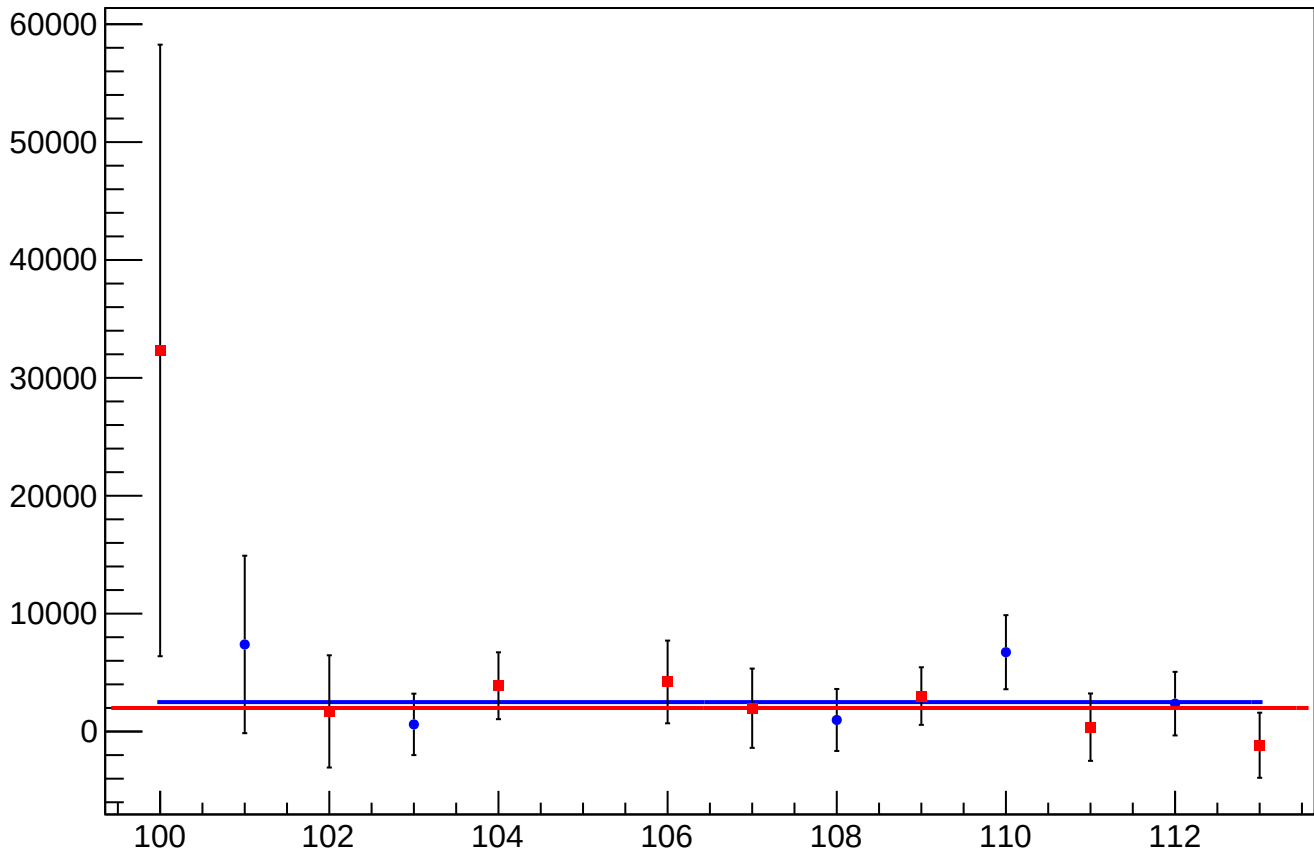
Right: 3276.211+/-1.040 χ^2/NDF : 1146416.6/12

In: 3553.717+/-1.661 χ^2/NDF : 469220.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3276.211+/-1.040 χ^2/NDF : 1146416.6/12

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: 1997.012+/-1146.433 χ^2/NDF : 4.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

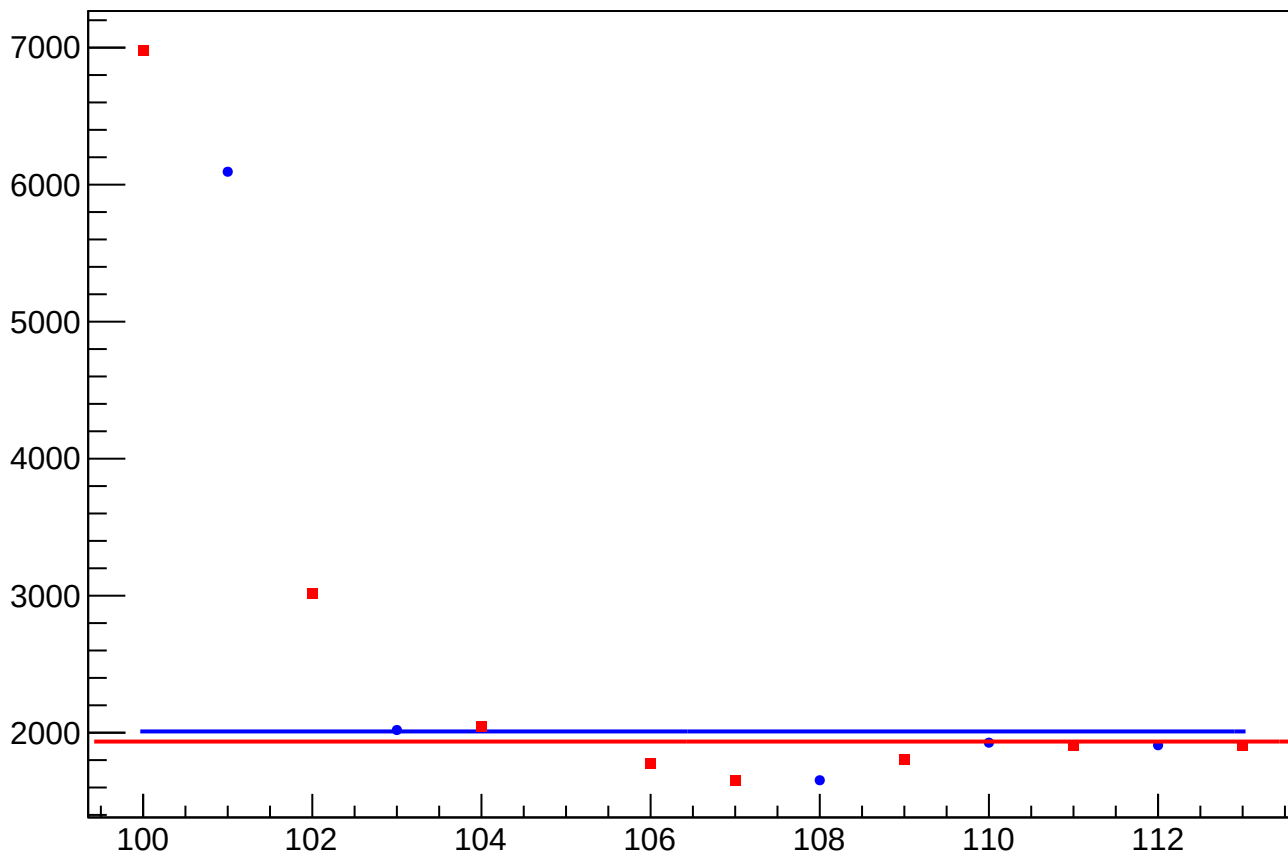
Right: 2205.867+/-874.002 χ^2/NDF : 7.2/12

In: 2495.715+/-1350.551 χ^2/NDF : 3.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2205.867+/-874.002 χ^2/NDF : 7.2/12

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: 1935.427+/-0.809 χ^2/NDF : 207175.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

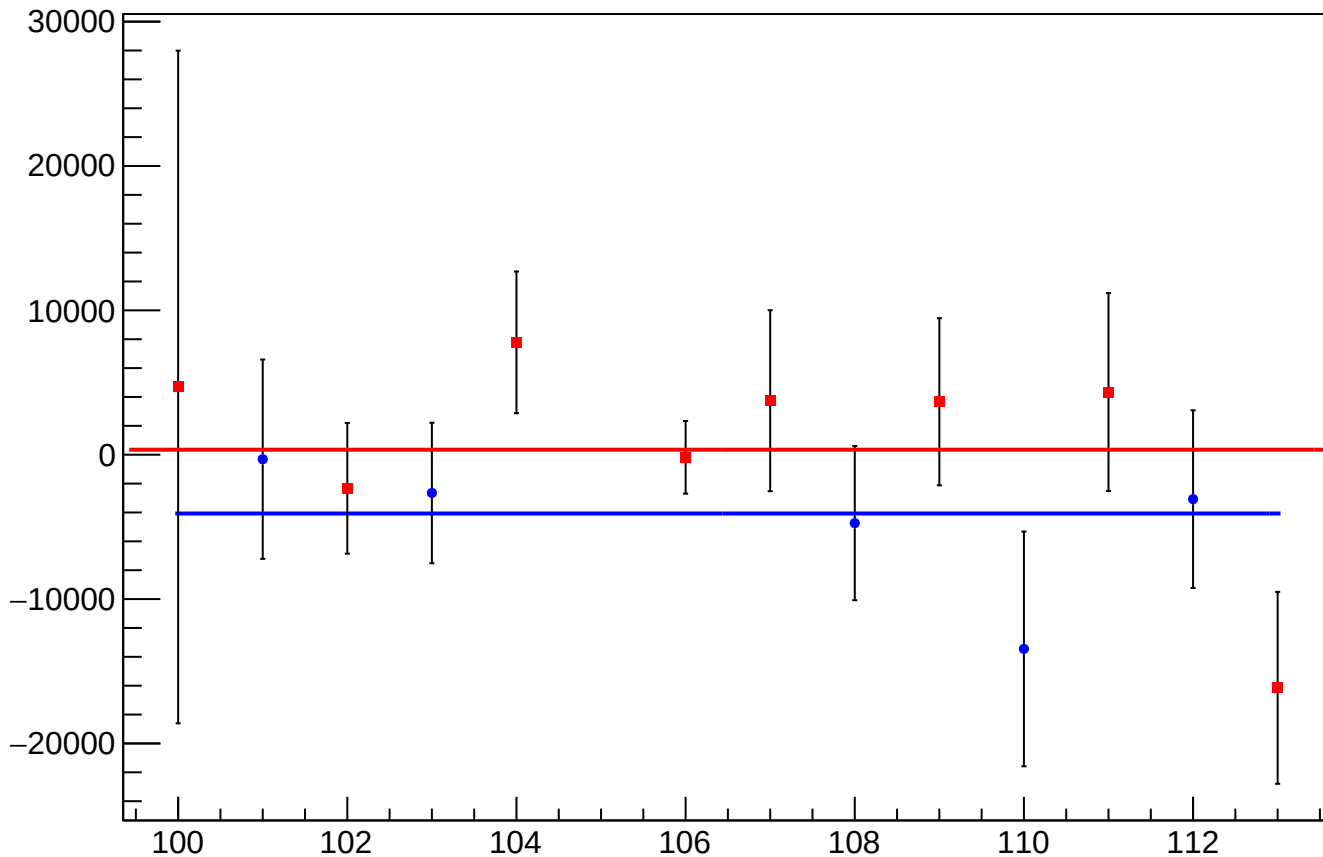
Right: 1966.259+/-0.617 χ^2/NDF : 840547.8/12

In: 2009.230+/-0.955 χ^2/NDF : 629895.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1966.259+/-0.617 χ^2/NDF : 840547.8/12

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: 346.494+/-1692.012 χ^2/NDF : 9.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

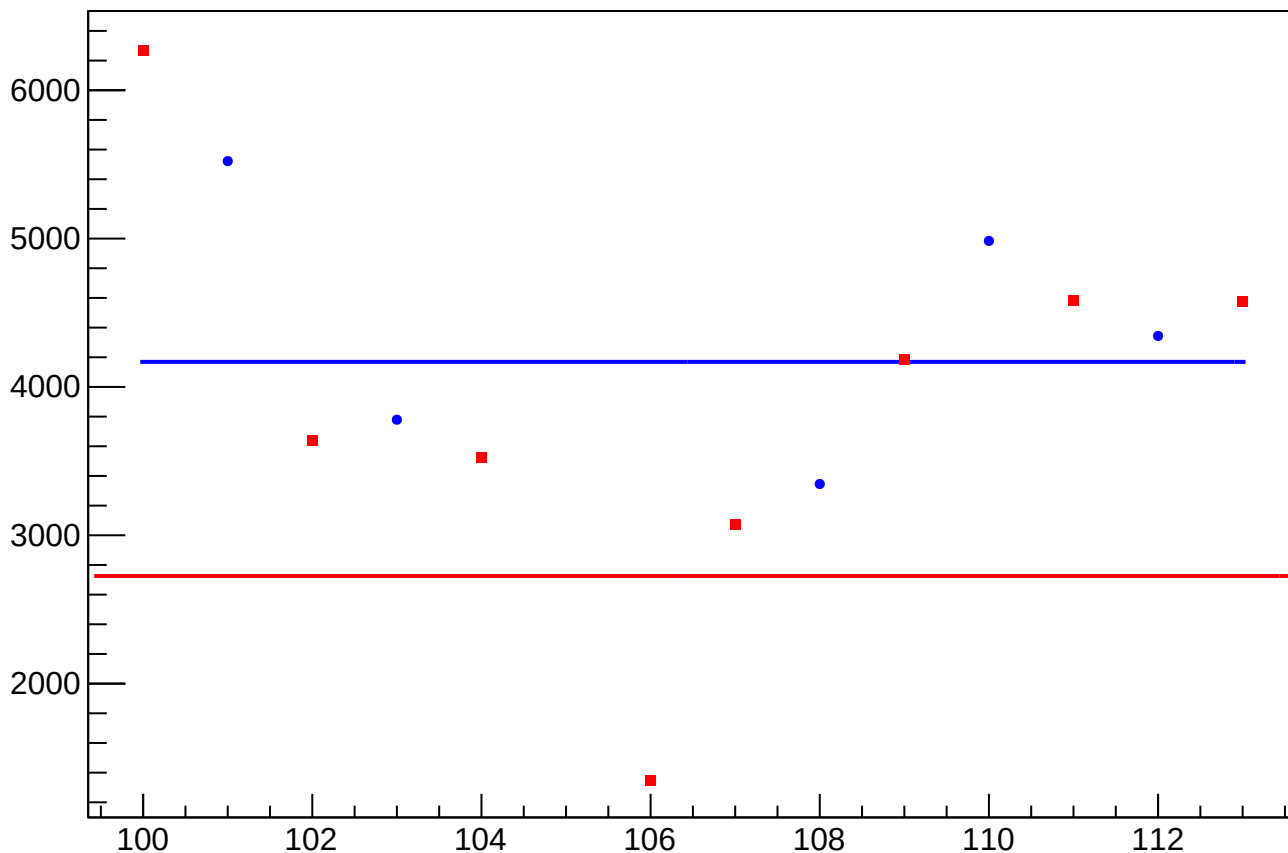
Right: -916.970+/-1429.828 χ^2/NDF : 13.6/12

In: -4072.807+/-2674.109 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -916.970+/-1429.828 χ^2/NDF : 13.6/12

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: 2725.531+/-1.196 χ^2/NDF : 1214853.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

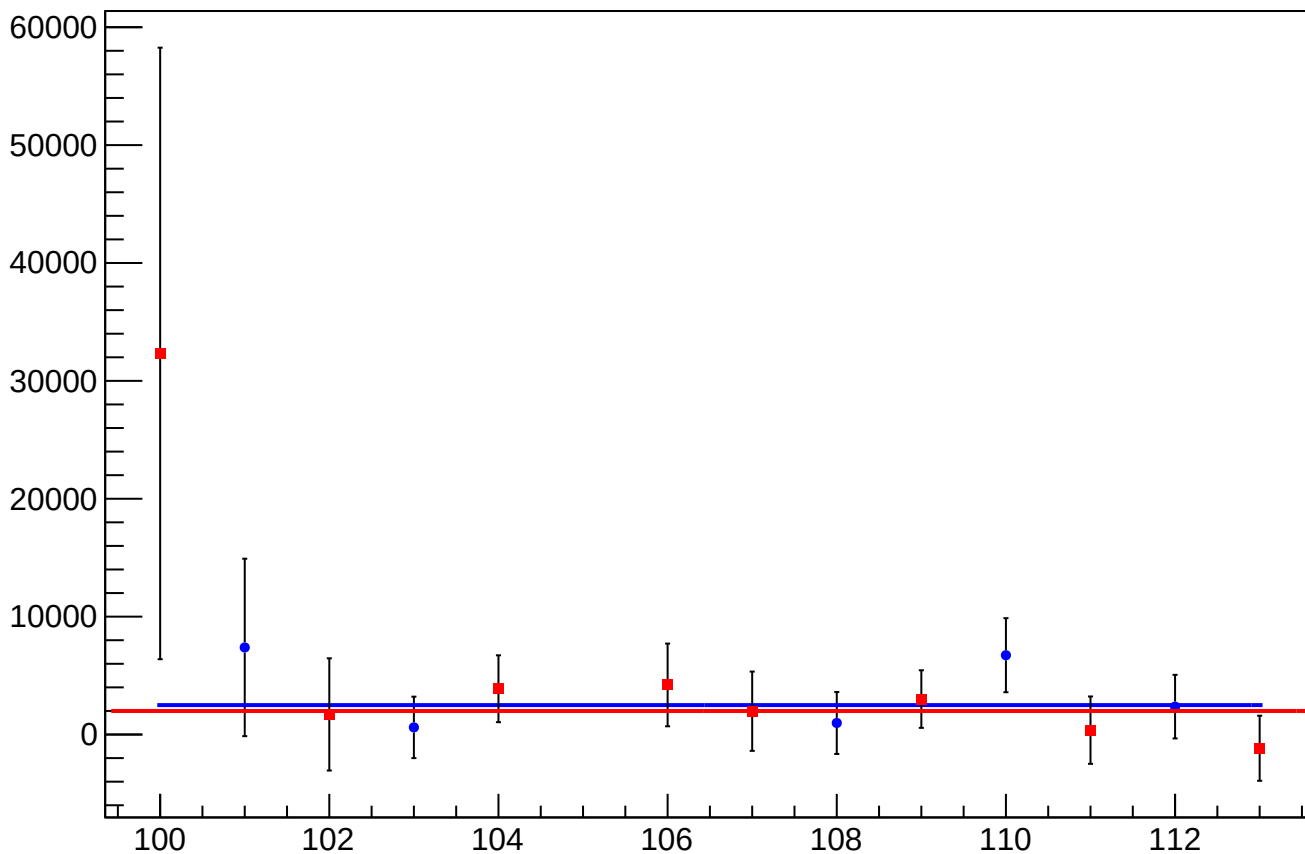
Right: 3138.197+/-1.011 χ^2/NDF : 1789897.1/12

In: 4168.940+/-1.891 χ^2/NDF : 158930.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3138.197+/-1.011 χ^2/NDF : 1789897.1/12

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: 1997.016+/-1146.433 χ^2/NDF : 4.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

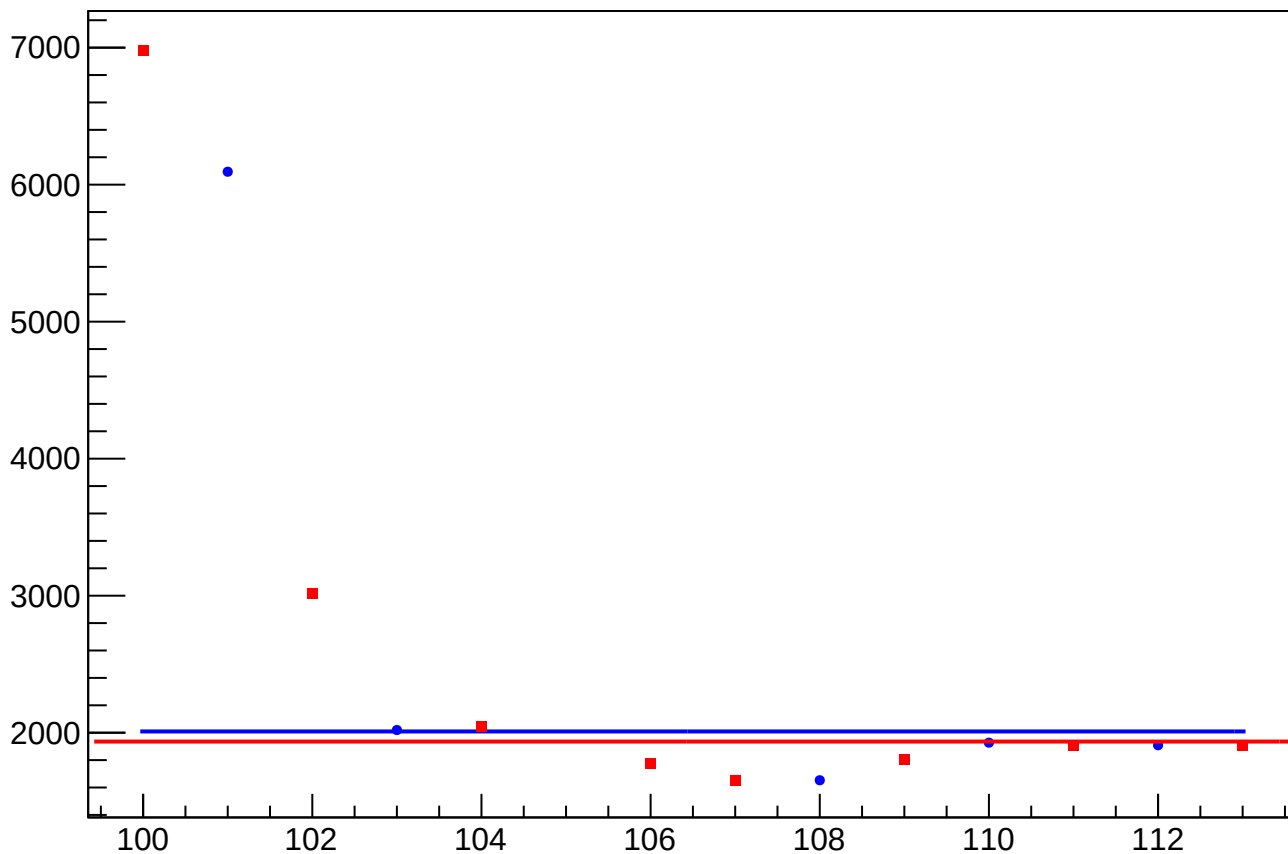
Right: 2205.871+/-874.002 χ^2/NDF : 7.2/12

In: 2495.720+/-1350.550 χ^2/NDF : 3.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2205.871+/-874.002 χ^2/NDF : 7.2/12

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: 1935.427+/-0.809 χ^2/NDF : 207174.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

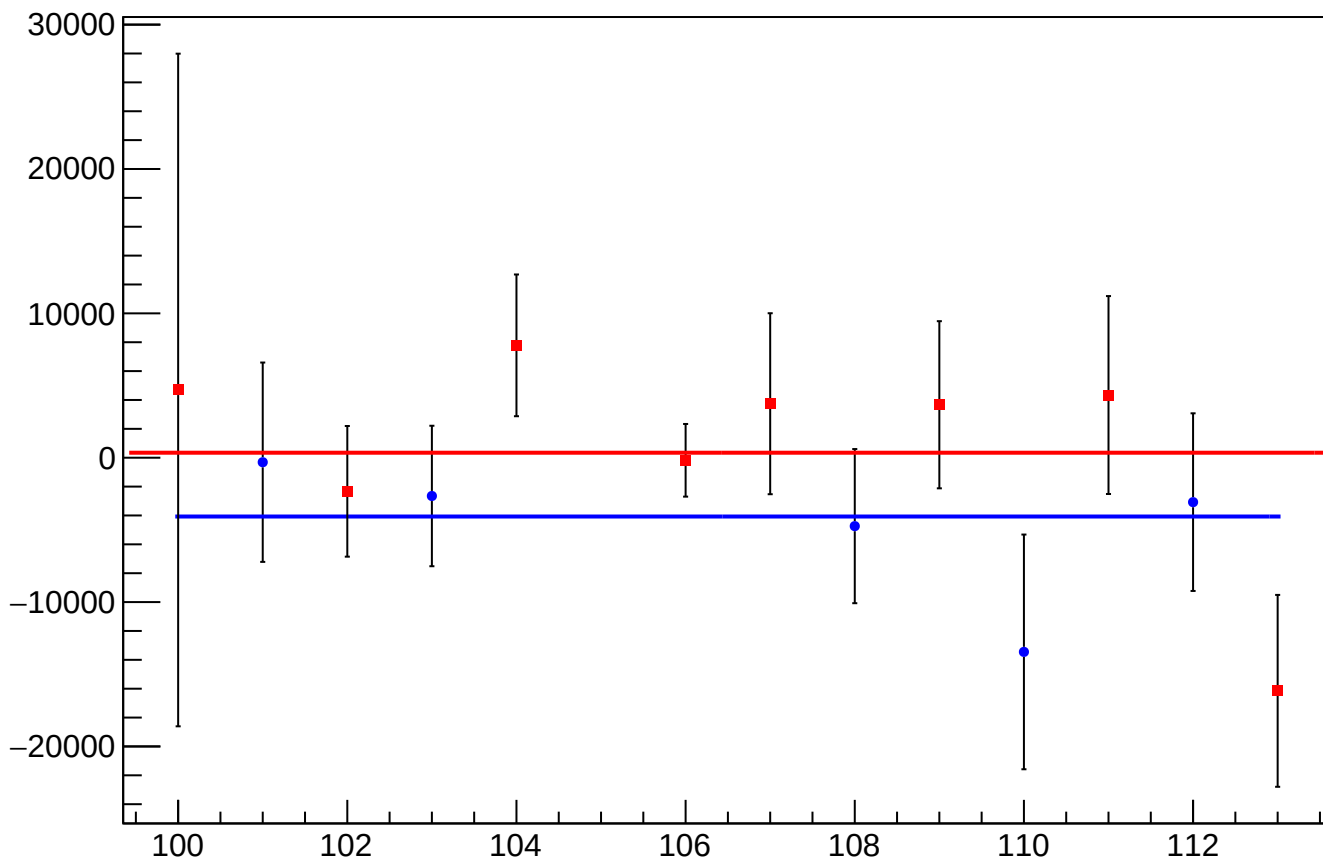
Right: 1966.259+/-0.617 χ^2/NDF : 840547.4/12

In: 2009.230+/-0.955 χ^2/NDF : 629895.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1966.259+/-0.617 χ^2/NDF : 840547.4/12

asym_atr_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -4072.808 ± 2674.107 $\chi^2/\text{NDF}: 1.8/4$

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

Right Out: 346.490 ± 1692.008 $\chi^2/\text{NDF}: 9.8/7$

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

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

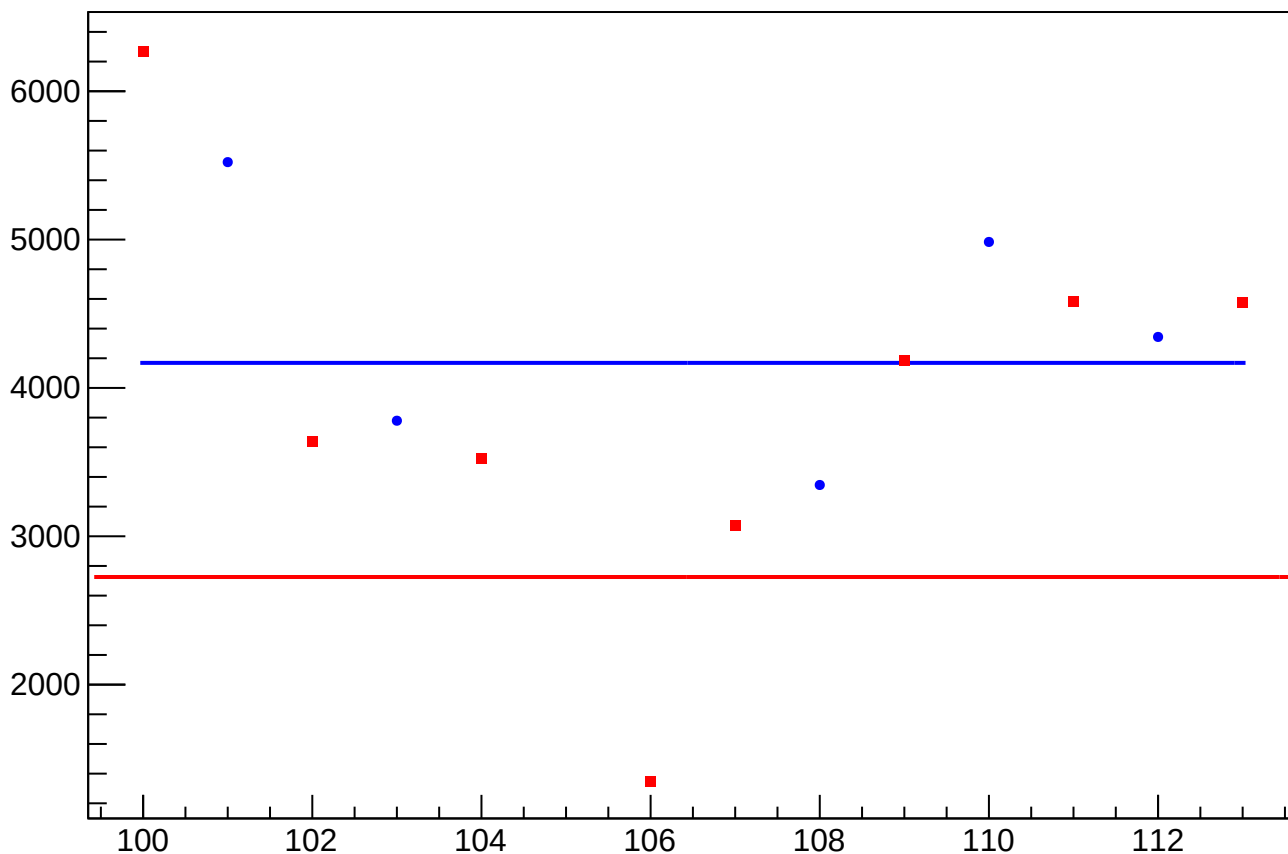
Right: -916.971 ± 1429.825 $\chi^2/\text{NDF}: 13.6/12$

In: -4072.808 ± 2674.107 $\chi^2/\text{NDF}: 1.8/4$

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

All: -916.971 ± 1429.825 $\chi^2/\text{NDF}: 13.6/12$

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: 2725.524+/-1.196 χ^2/NDF : 1214857.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

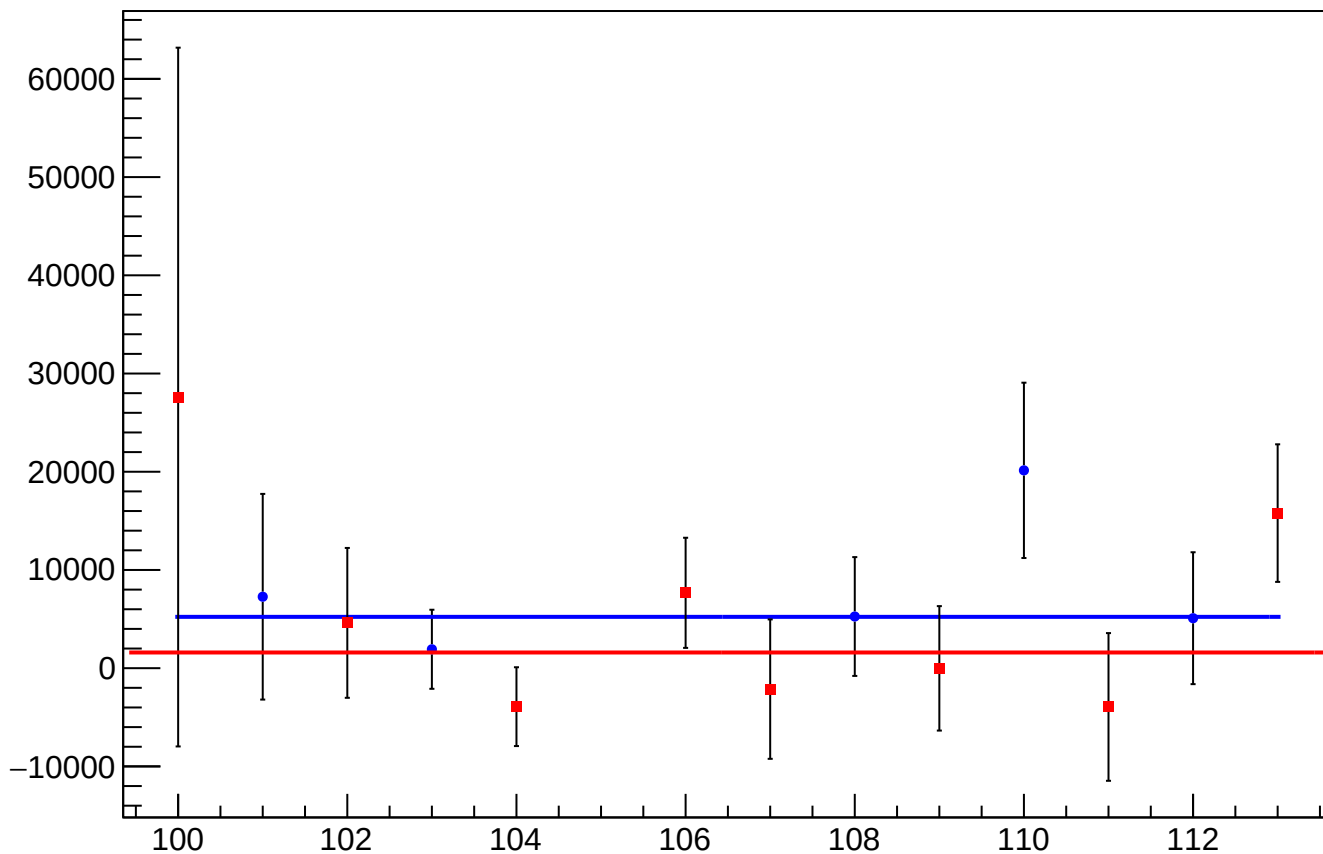
Right: 3138.191+/-1.011 χ^2/NDF : 1789903.3/12

In: 4168.938+/-1.891 χ^2/NDF : 158928.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3138.191+/-1.011 χ^2/NDF : 1789903.3/12

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 5226.445+/-2742.962 χ^2/NDF : 3.5/4

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

Right Out: 1597.975+/-2266.101 χ^2/NDF : 8.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

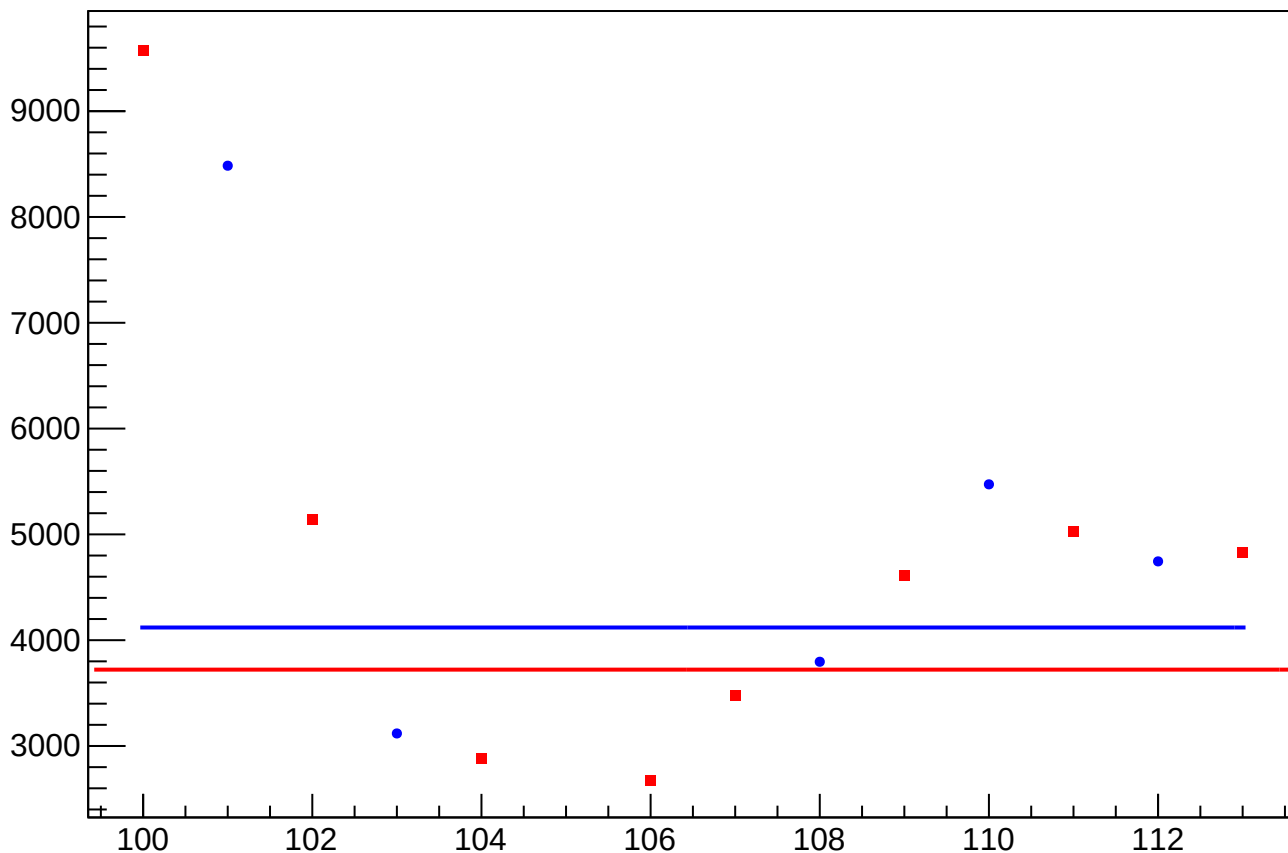
Right: 3069.883+/-1747.022 χ^2/NDF : 13.3/12

In: 5226.445+/-2742.962 χ^2/NDF : 3.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3069.883+/-1747.022 χ^2/NDF : 13.3/12

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: 3721.687+/-1.577 χ^2/NDF : 445654.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

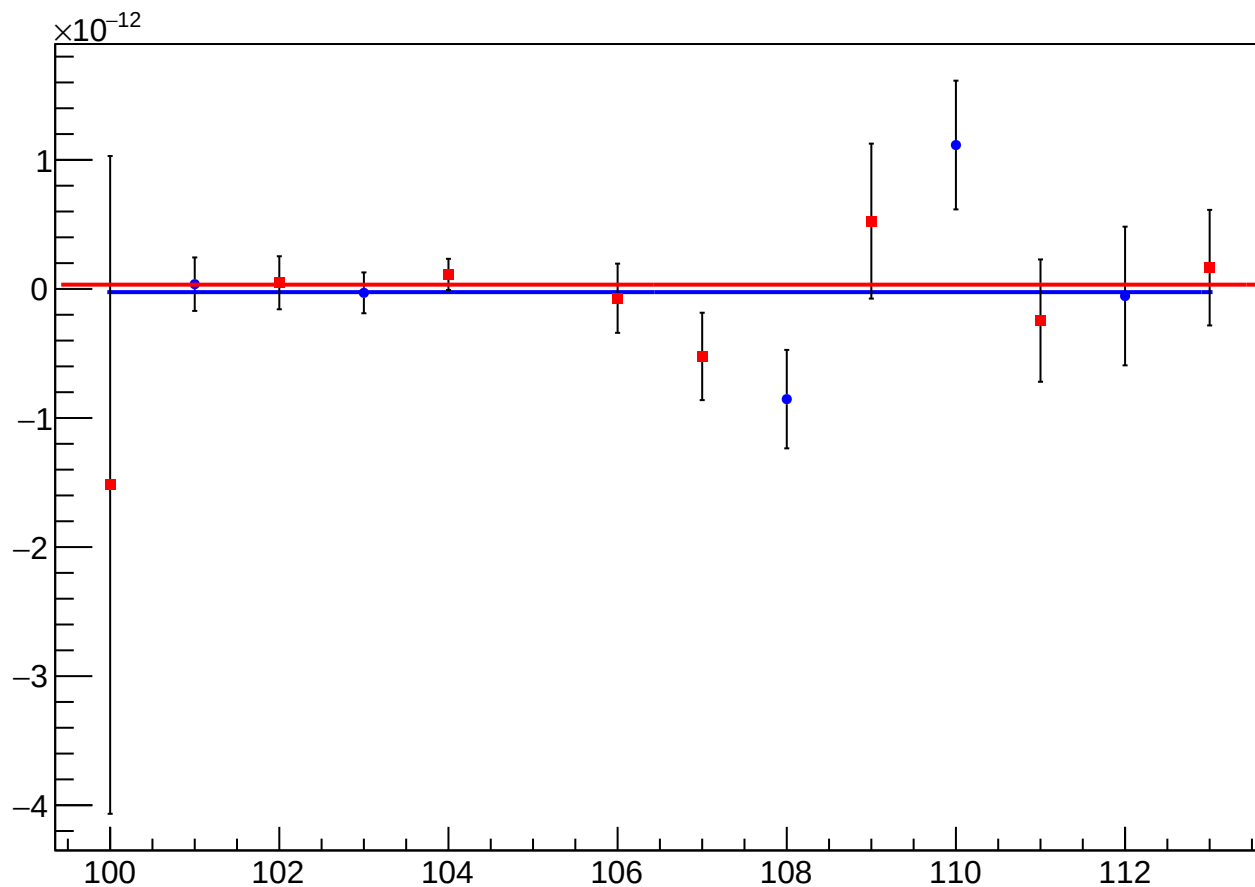
Right: 3880.188+/-1.224 χ^2/NDF : 1011377.5/12

In: 4119.894+/-1.940 χ^2/NDF : 540349.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3880.188+/-1.224 χ^2/NDF : 1011377.5/12

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 : 4.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

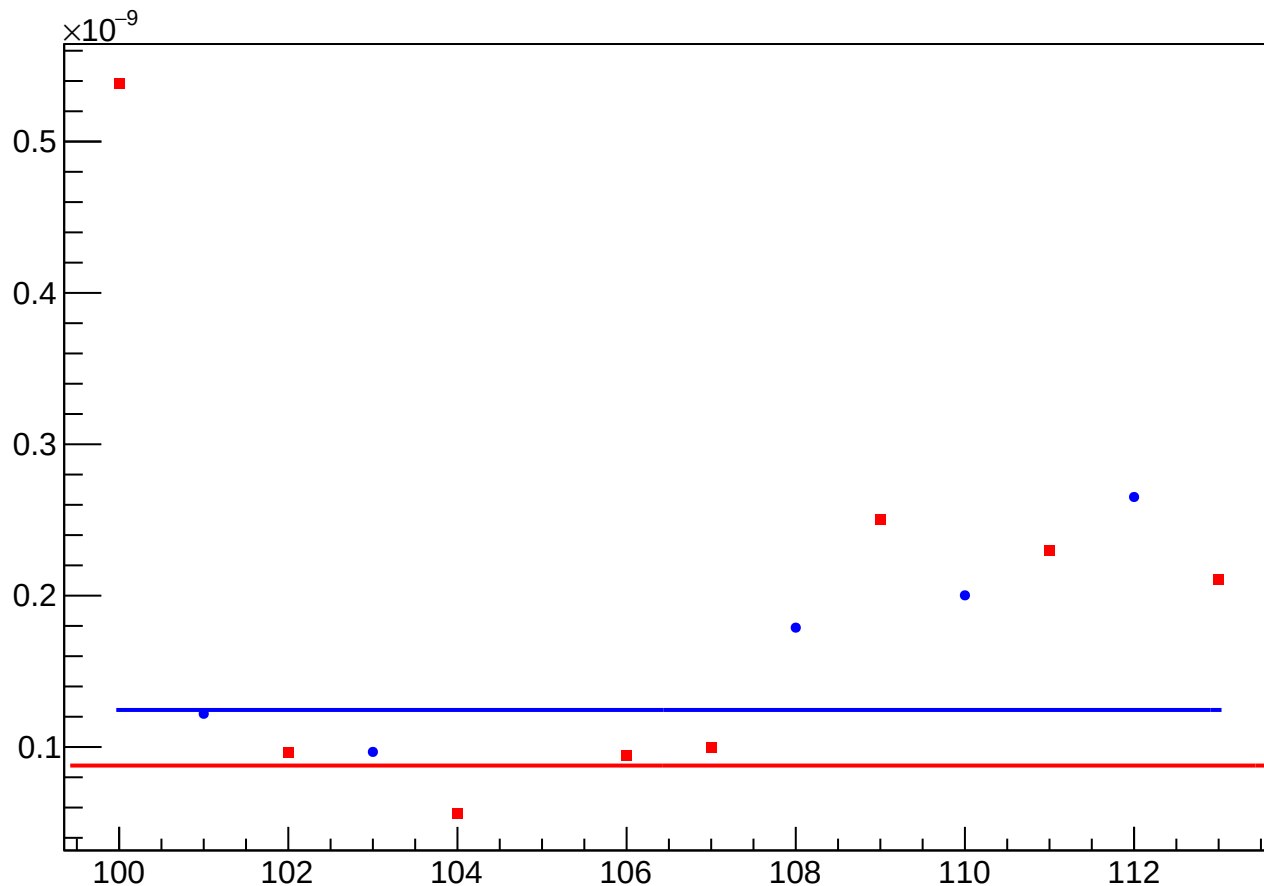
Right: 0.000+/-0.000 χ^2/NDF : 15.0/12

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 : 15.0/12

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 : 684858.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

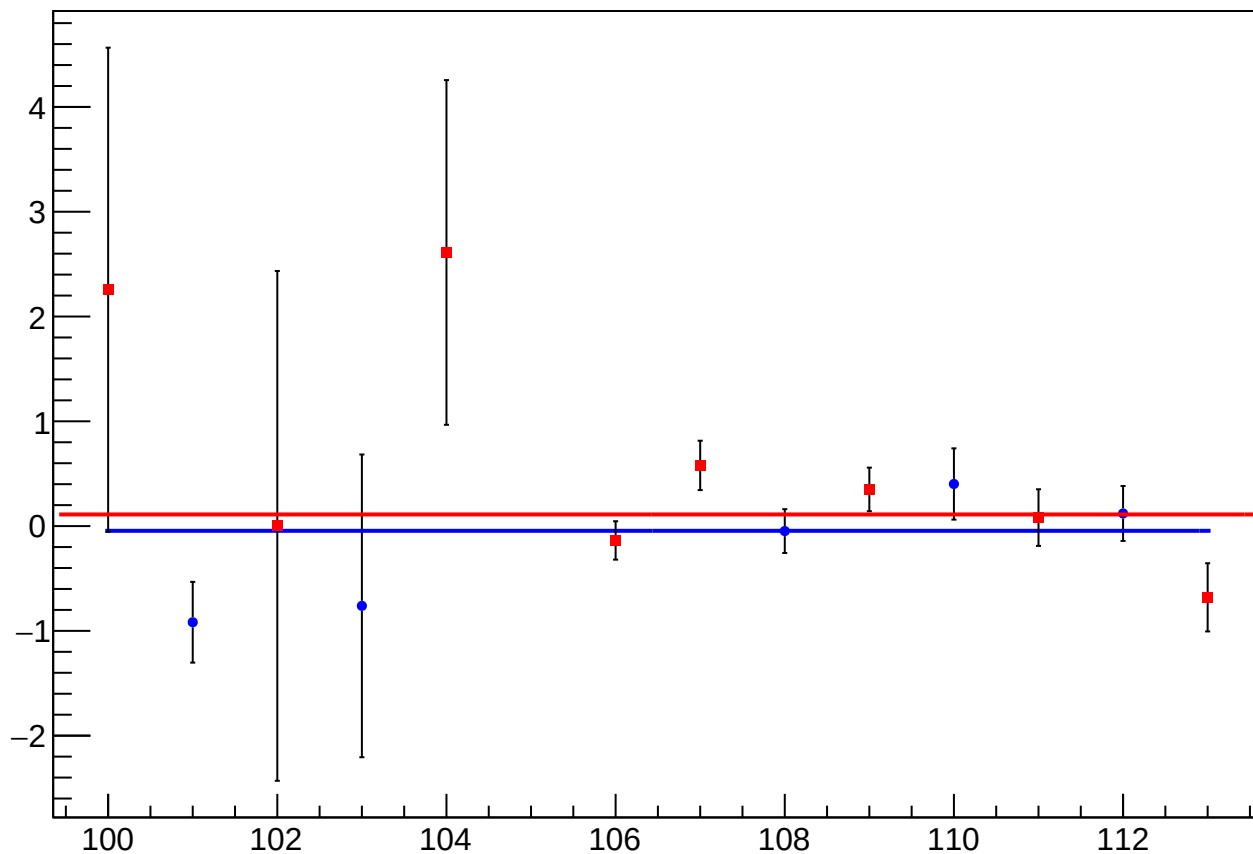
Right: 0.000+/-0.000 χ^2/NDF : 1100472.9/12

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 : 1100472.9/12

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: 0.111 ± 0.103 $\chi^2/\text{NDF}: 16.2/7$

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

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

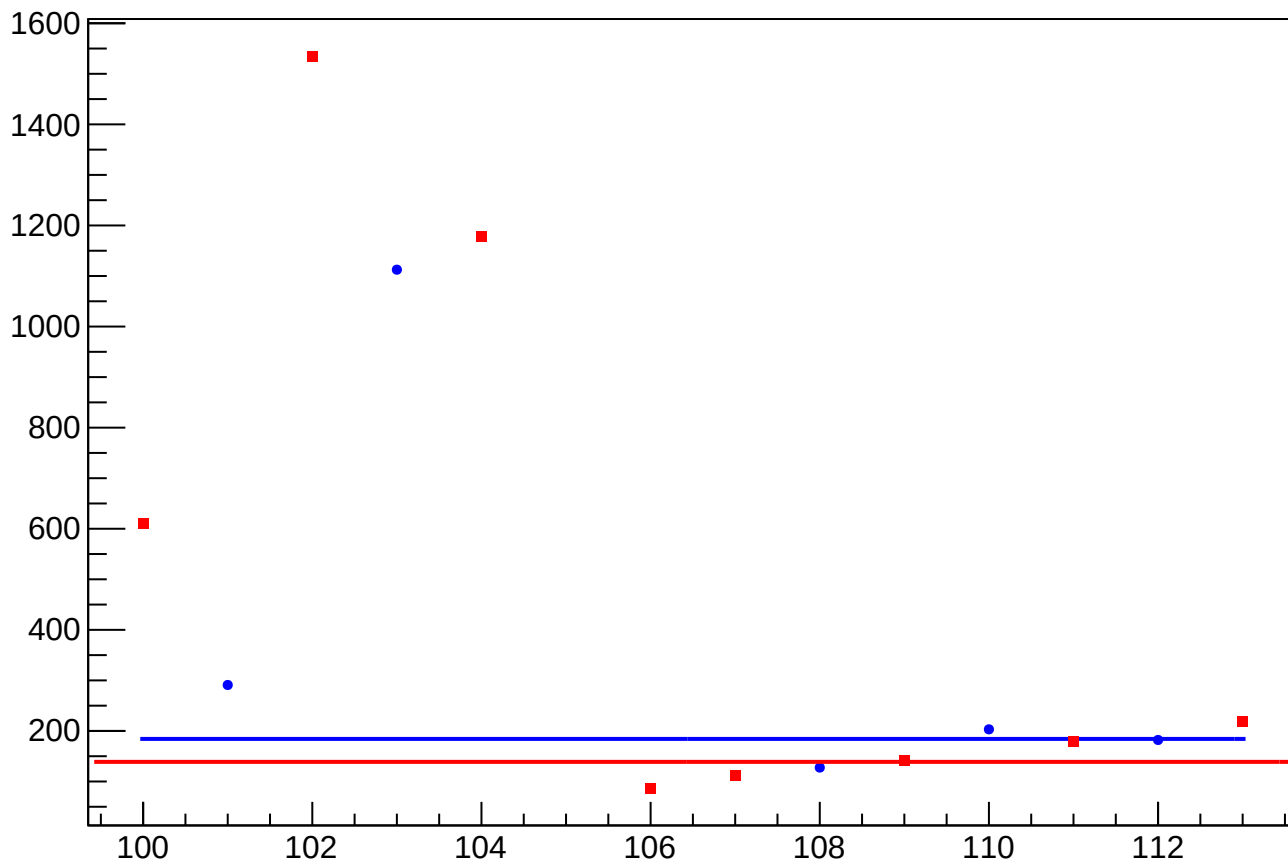
Right: 0.055 ± 0.082 $\chi^2/\text{NDF}: 24.5/12$

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: 0.055 ± 0.082 $\chi^2/\text{NDF}: 24.5/12$

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: 138.832+/-0.073 χ^2/NDF : 1897574.2/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

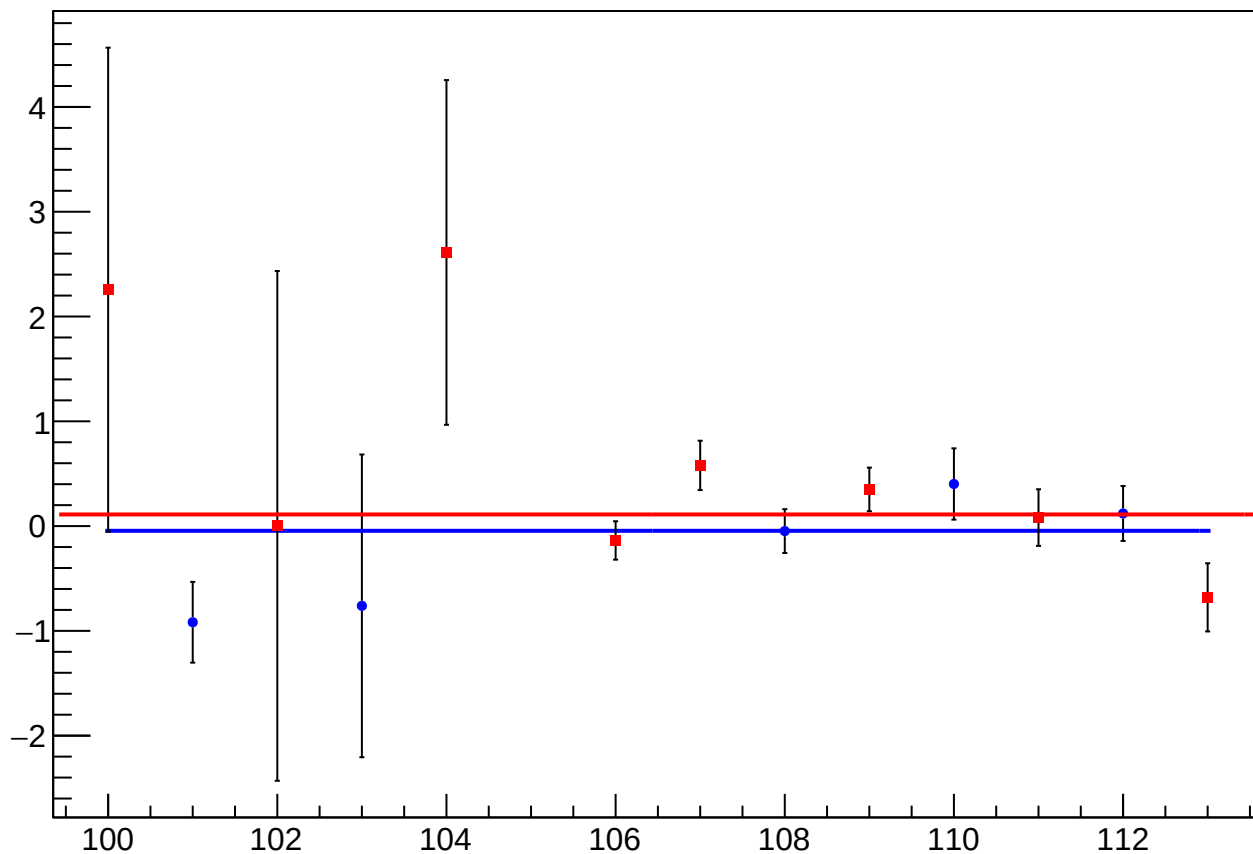
Right: 155.173+/-0.058 χ^2/NDF : 3170541.5/12

In: 184.232+/-0.097 χ^2/NDF :1132340.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 155.173+/-0.058 χ^2/NDF : 3170541.5/12

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: 0.111 ± 0.103 $\chi^2/\text{NDF}: 16.2/7$

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

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

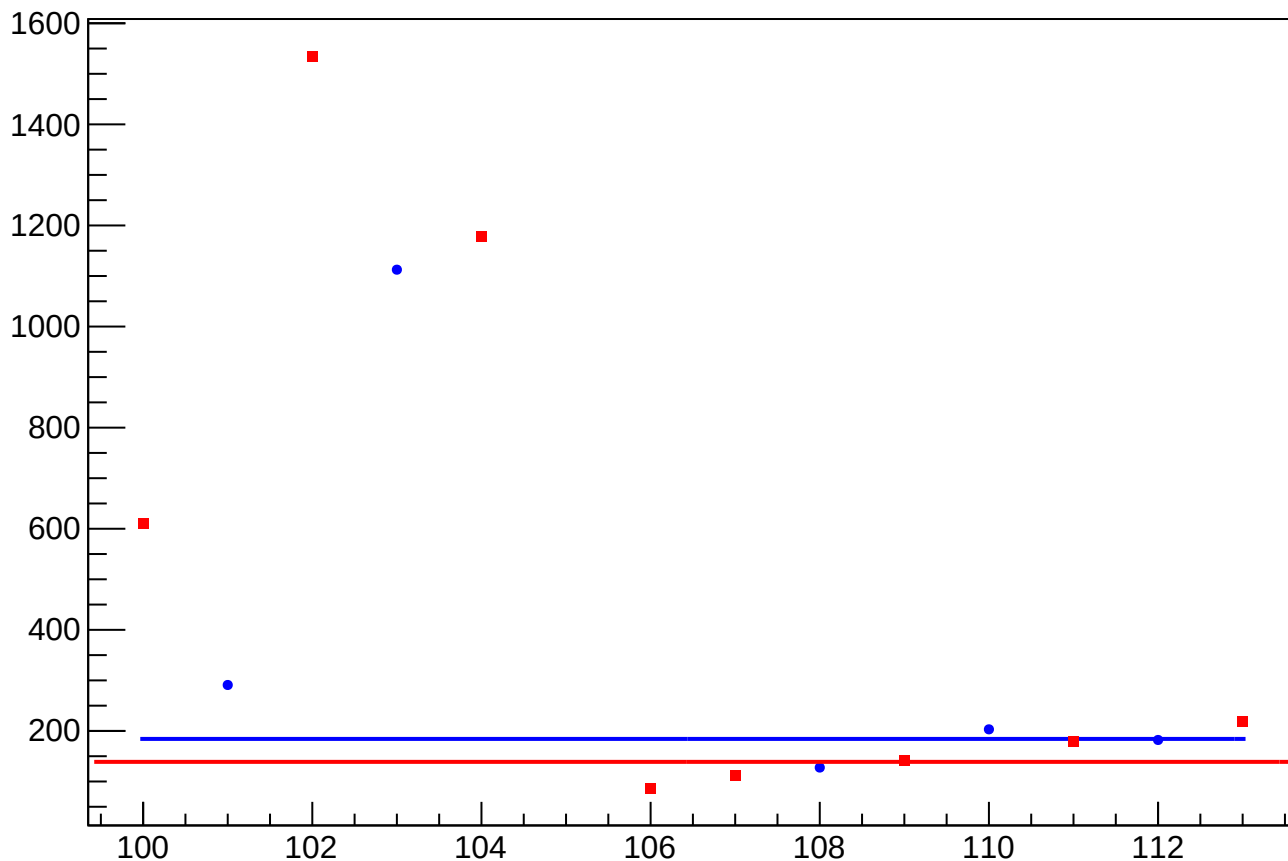
Right: 0.055 ± 0.082 $\chi^2/\text{NDF}: 24.5/12$

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: 0.055 ± 0.082 $\chi^2/\text{NDF}: 24.5/12$

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: 138.832+/-0.073 χ^2/NDF : 1897574.2/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

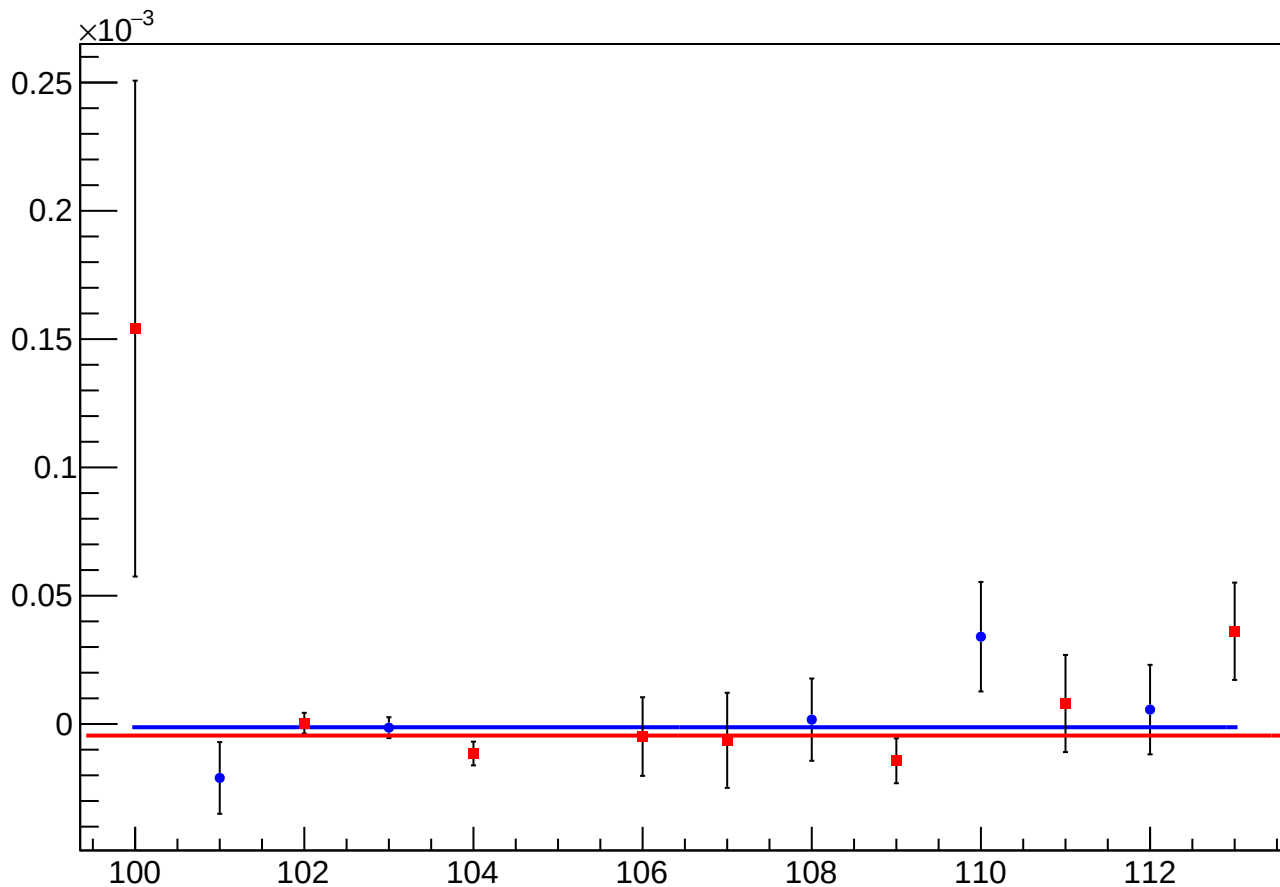
Right: 155.173+/-0.058 χ^2/NDF : 3170541.5/12

In: 184.232+/-0.097 χ^2/NDF :1132340.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 155.173+/-0.058 χ^2/NDF : 3170541.5/12

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 : 12.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

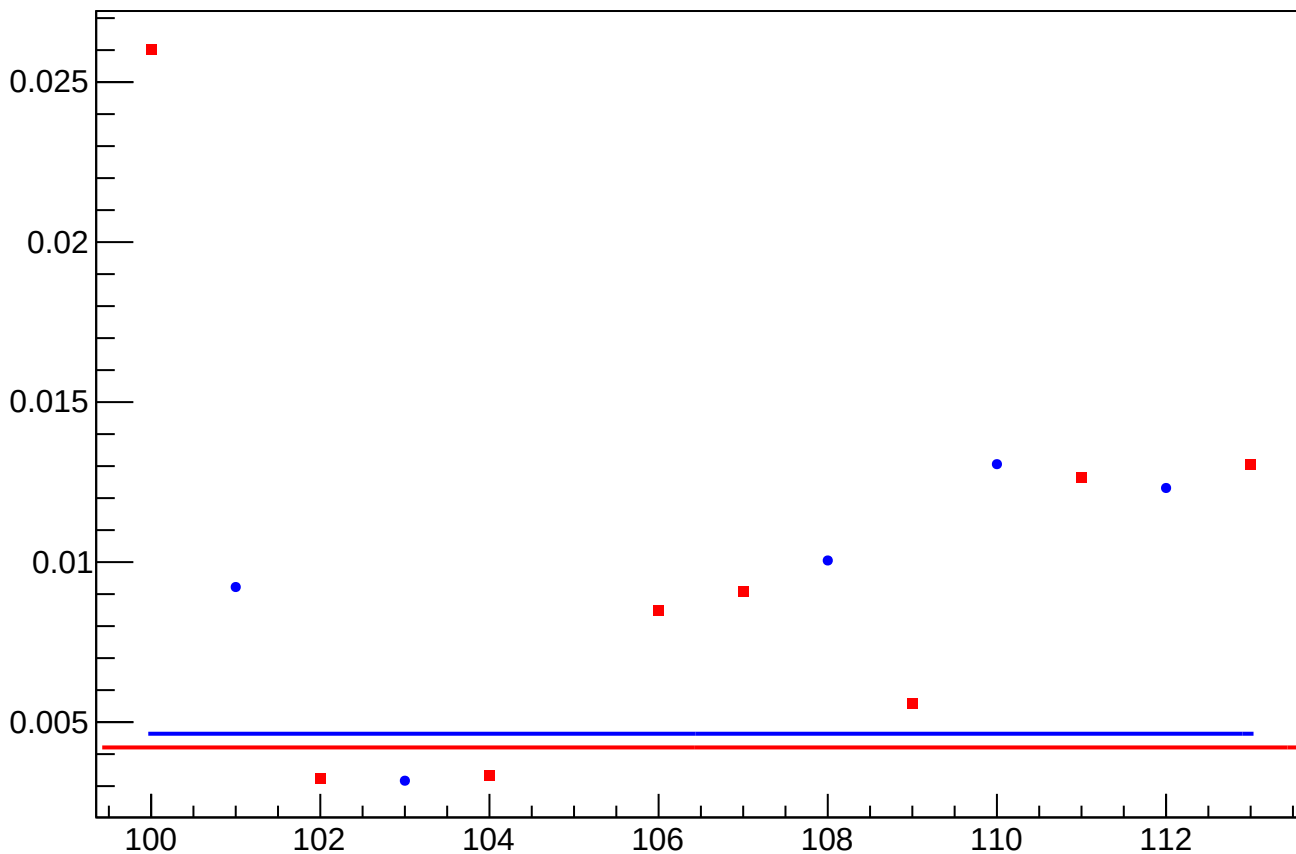
Right: -0.000+/-0.000 χ^2/NDF : 18.2/12

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 : 18.2/12

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 : 1466246.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

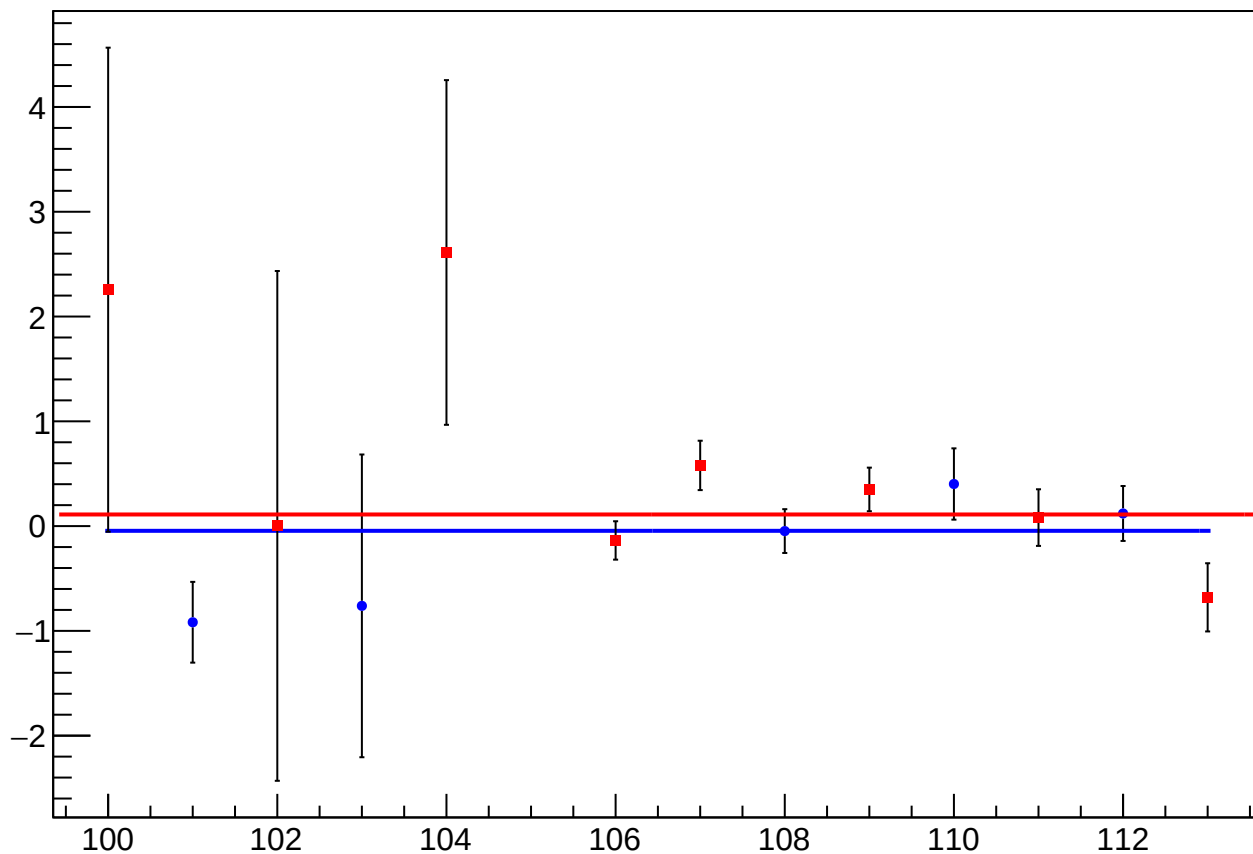
Right: 0.004+/-0.000 χ^2/NDF : 2885956.0/12

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 : 2885956.0/12

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: 0.111 ± 0.103 $\chi^2/\text{NDF}: 16.2/7$

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

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

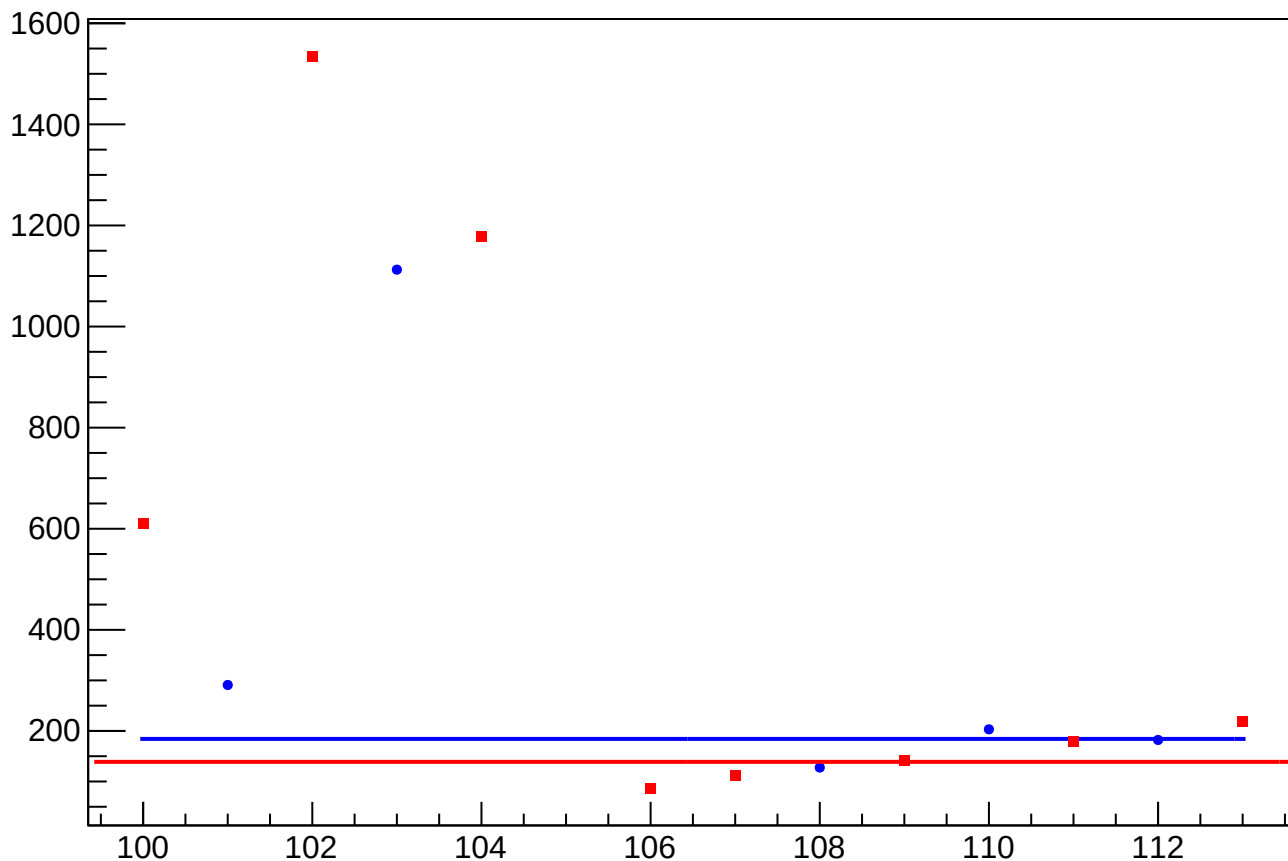
Right: 0.055 ± 0.082 $\chi^2/\text{NDF}: 24.5/12$

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: 0.055 ± 0.082 $\chi^2/\text{NDF}: 24.5/12$

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: 138.833+/-0.073 χ^2/NDF : 1897575.5/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

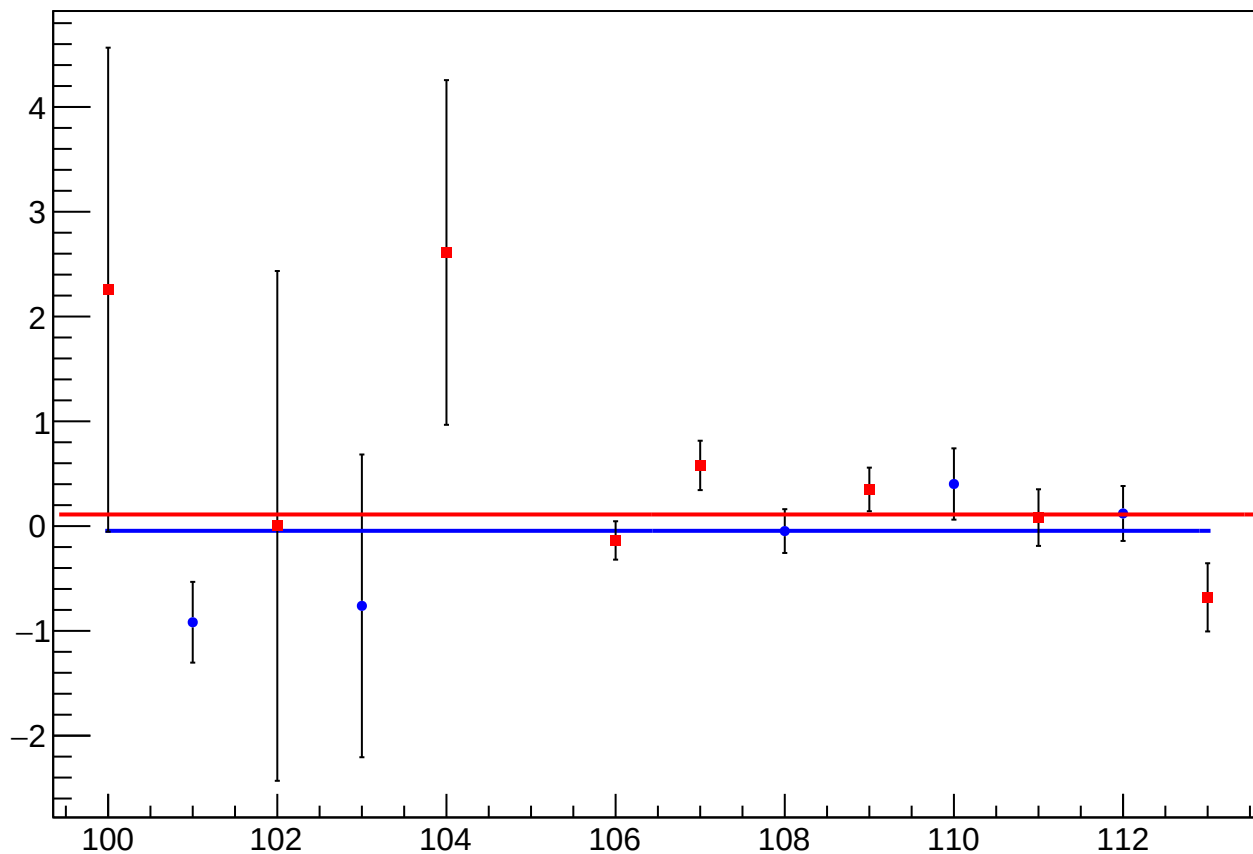
Right: 155.174+/-0.058 χ^2/NDF : 3170555.7/12

In: 184.233+/-0.097 χ^2/NDF :1132351.2/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 155.174+/-0.058 χ^2/NDF : 3170555.7/12

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: 0.111 ± 0.103 $\chi^2/\text{NDF}: 16.2/7$

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

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

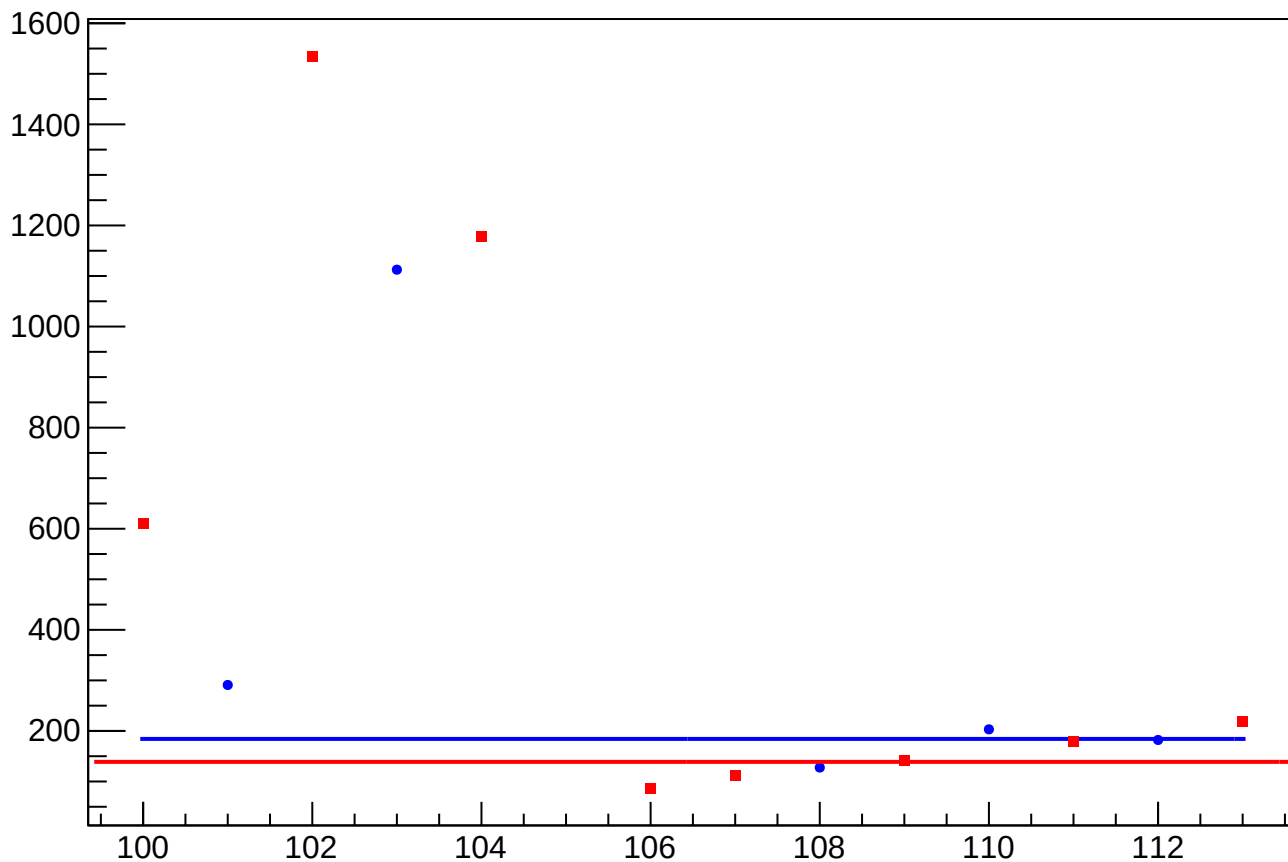
Right: 0.055 ± 0.082 $\chi^2/\text{NDF}: 24.5/12$

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: 0.055 ± 0.082 $\chi^2/\text{NDF}: 24.5/12$

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: 138.833+/-0.073 χ^2/NDF : 1897575.5/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

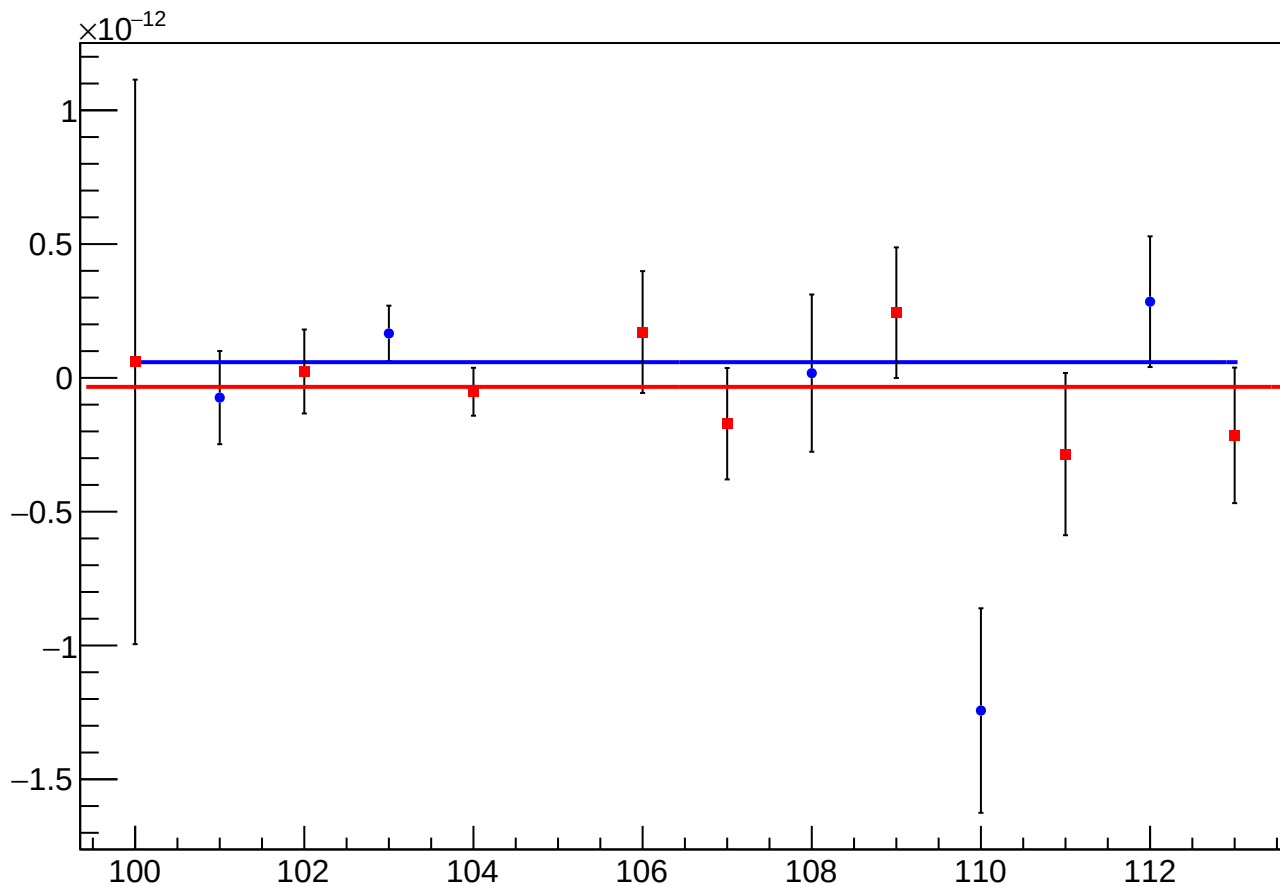
Right: 155.174+/-0.058 χ^2/NDF : 3170555.7/12

In: 184.233+/-0.097 χ^2/NDF :1132351.2/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 155.174+/-0.058 χ^2/NDF : 3170555.7/12

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 : 3.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

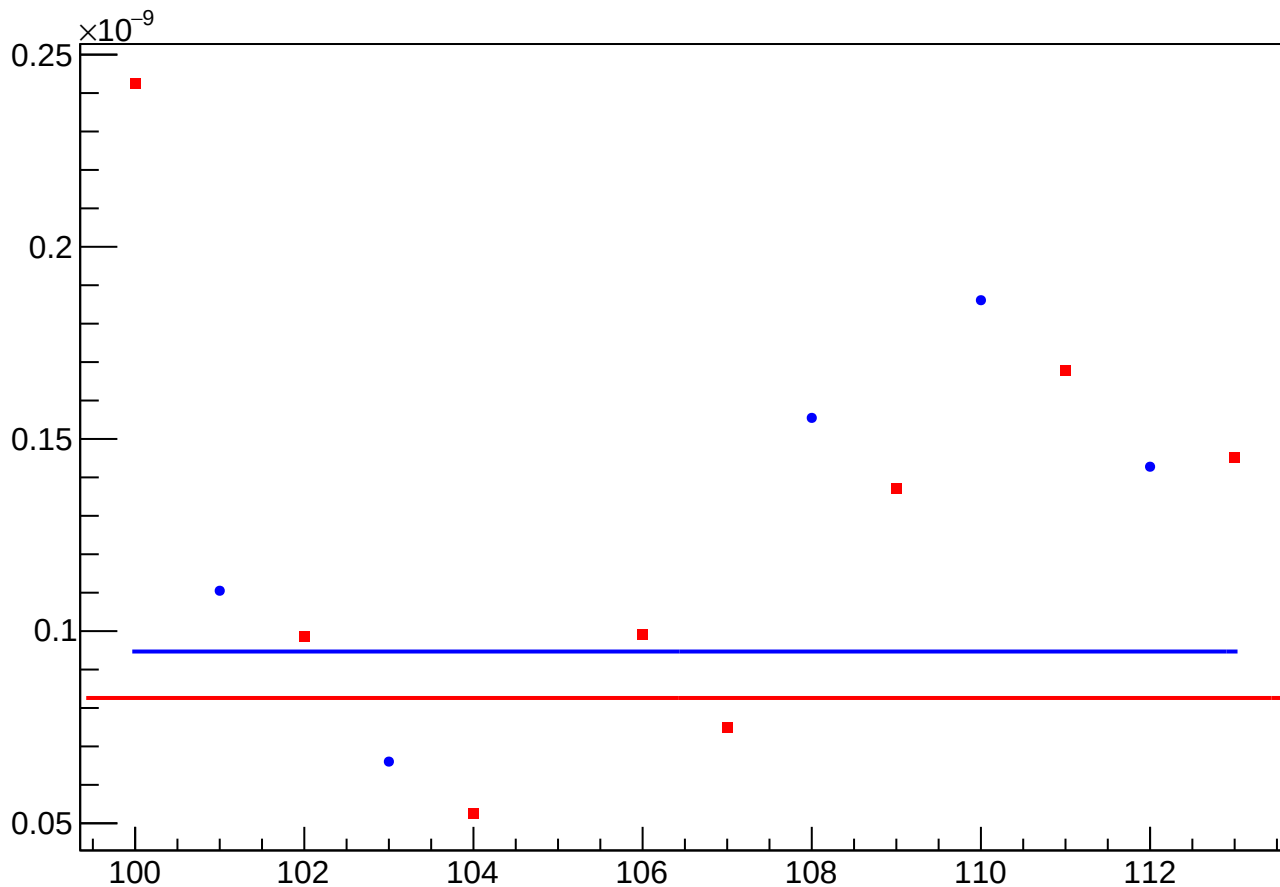
Right: 0.000+/-0.000 χ^2/NDF : 18.9/12

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 : 18.9/12

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 : 685735.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

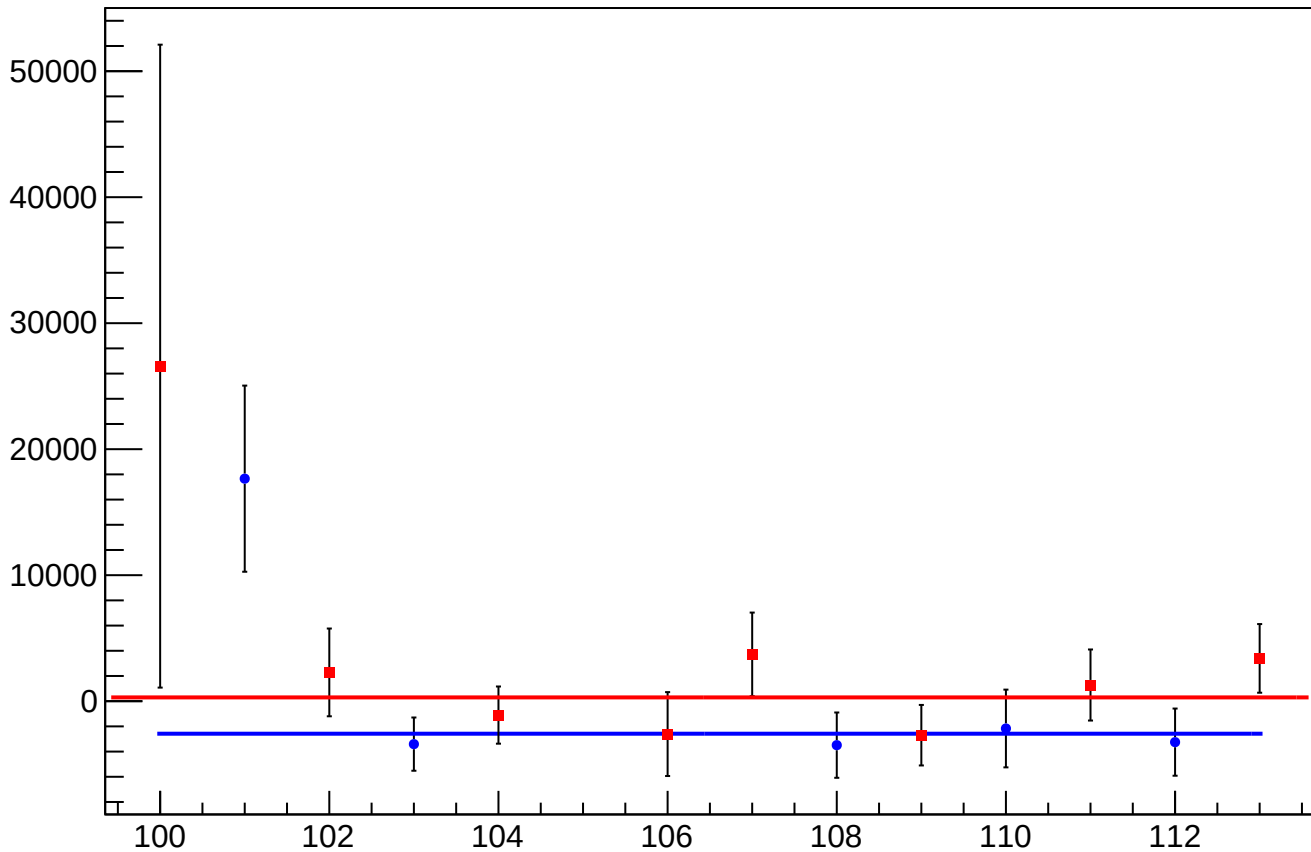
Right: 0.000+/-0.000 χ^2/NDF : 1160825.4/12

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 : 1160825.4/12

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: 299.895+/-1058.086 χ^2/NDF : 6.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

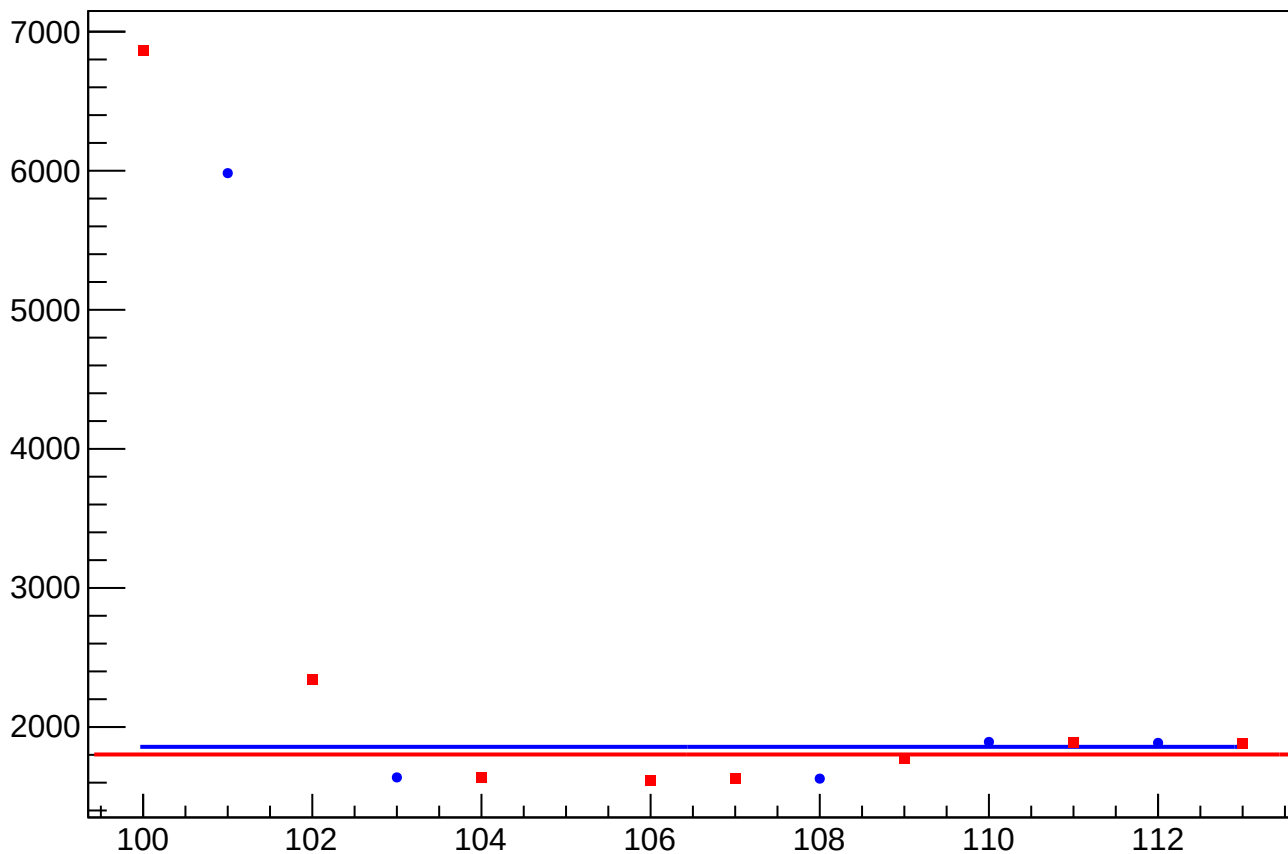
Right: -899.766+/-808.359 χ^2/NDF : 17.5/12

In: -2581.620+/-1252.811 χ^2/NDF : 7.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -899.766+/-808.359 χ^2/NDF : 17.5/12

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: 1802.611+/-0.742 χ^2/NDF : 154708.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

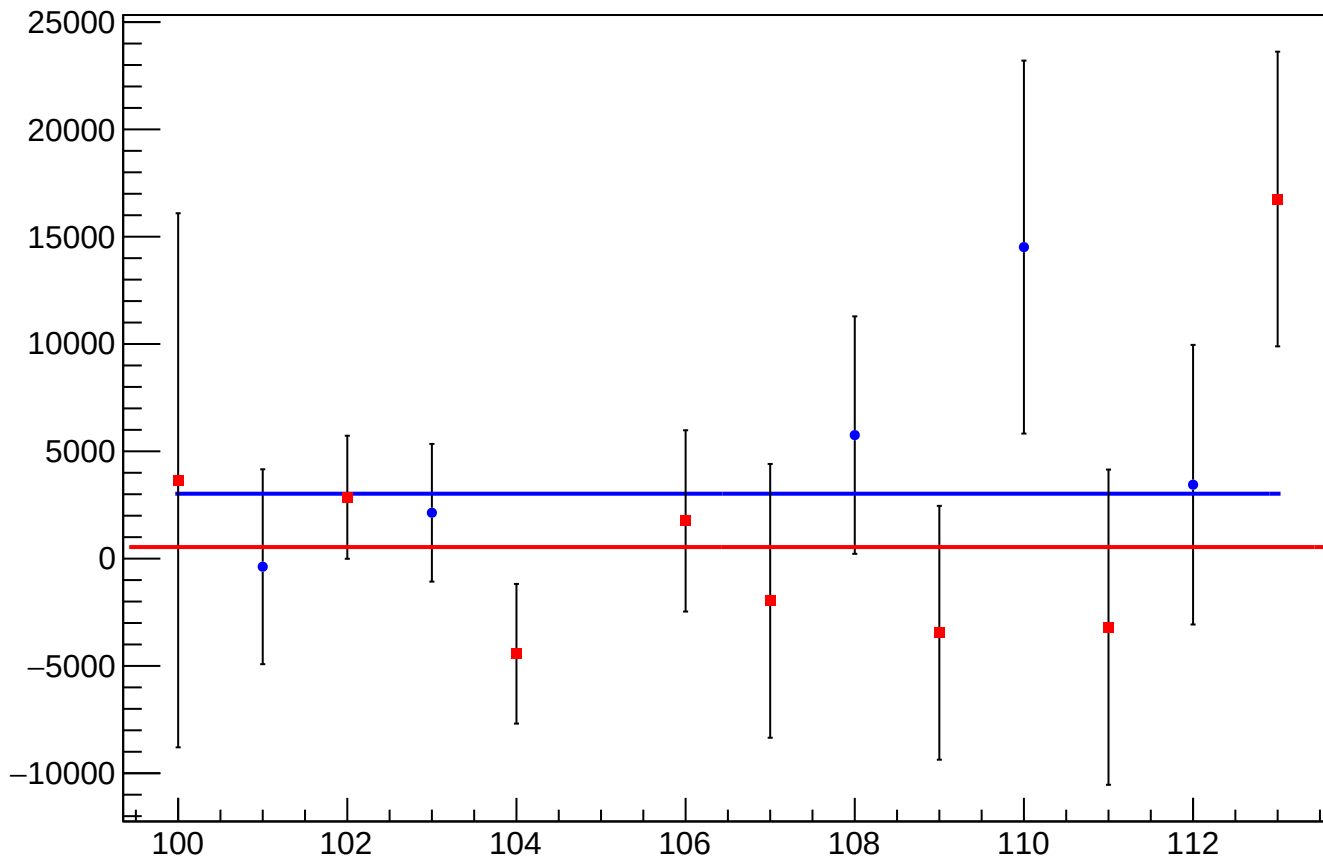
Right: 1825.282+/-0.569 χ^2/NDF : 818405.2/12

In: 1857.555+/-0.886 χ^2/NDF : 661436.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1825.282+/-0.569 χ^2/NDF : 818405.2/12

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: 539.647+/-1640.558 χ^2/NDF : 9.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

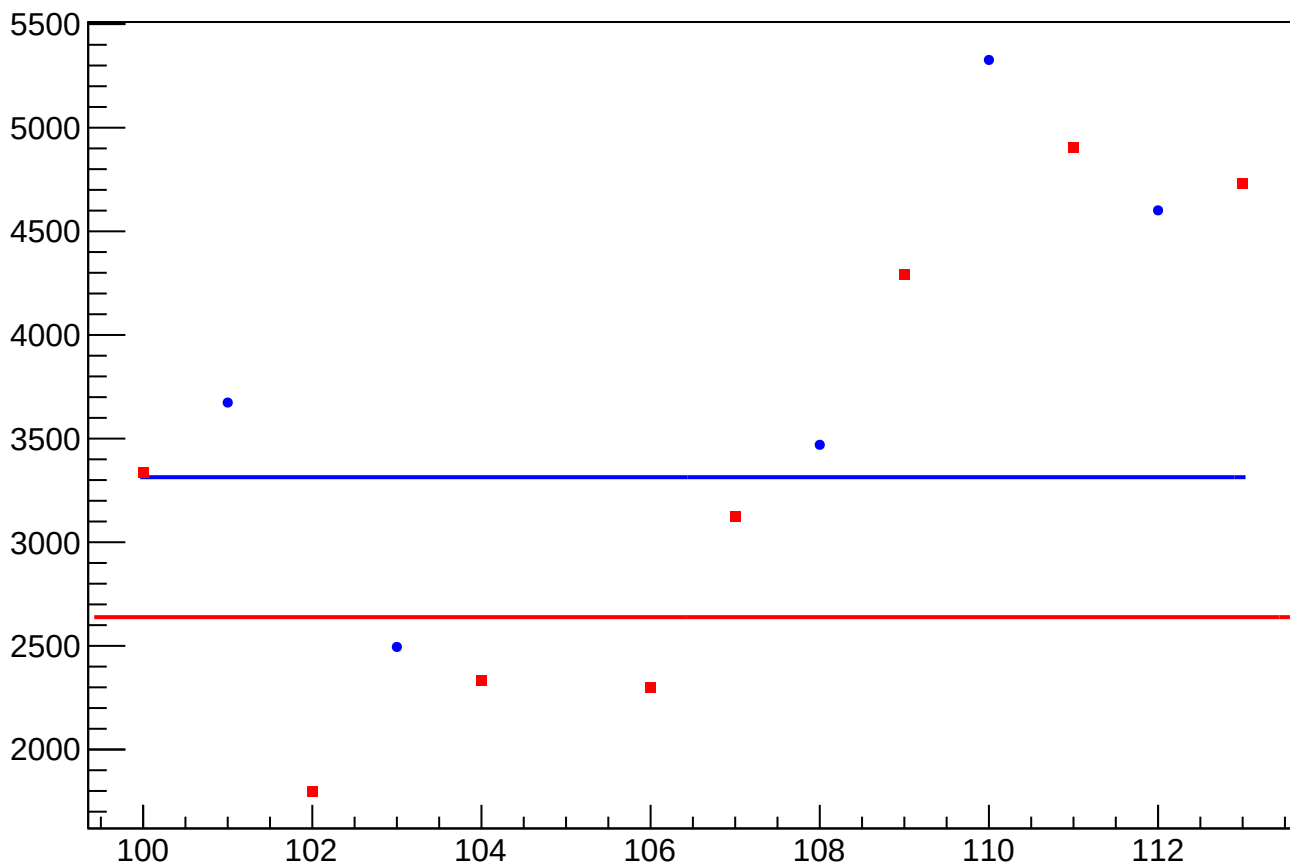
Right: 1450.872+/-1305.539 χ^2/NDF : 13.1/12

In: 3024.450+/-2155.872 χ^2/NDF : 2.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1450.872+/-1305.539 χ^2/NDF : 13.1/12

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: 2638.586+/-1.160 χ^2/NDF : 753243.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

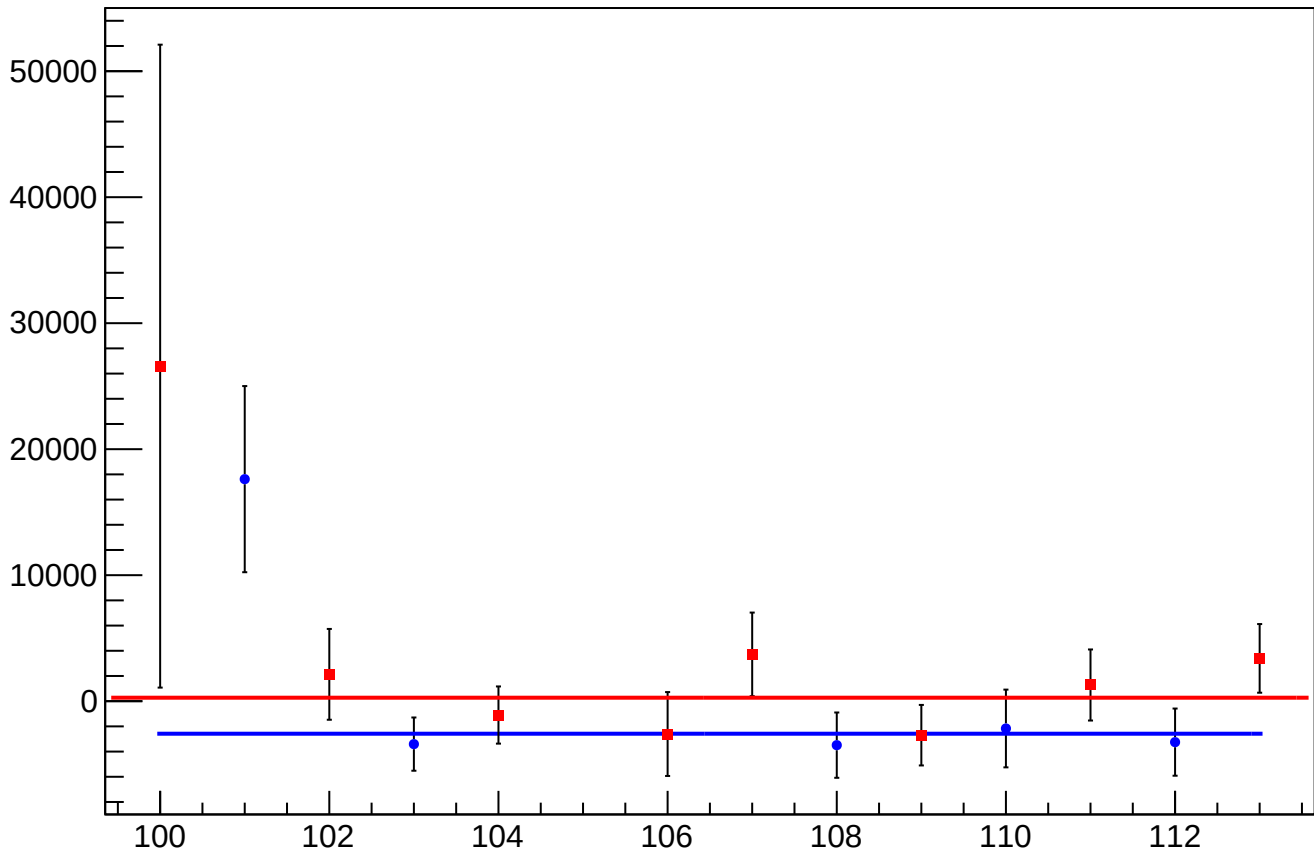
Right: 2886.188+/-0.923 χ^2/NDF : 1207434.0/12

In: 3313.767+/-1.524 χ^2/NDF : 329962.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2886.188+/-0.923 χ^2/NDF : 1207434.0/12

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: 275.849+/-1061.330 χ^2/NDF : 6.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

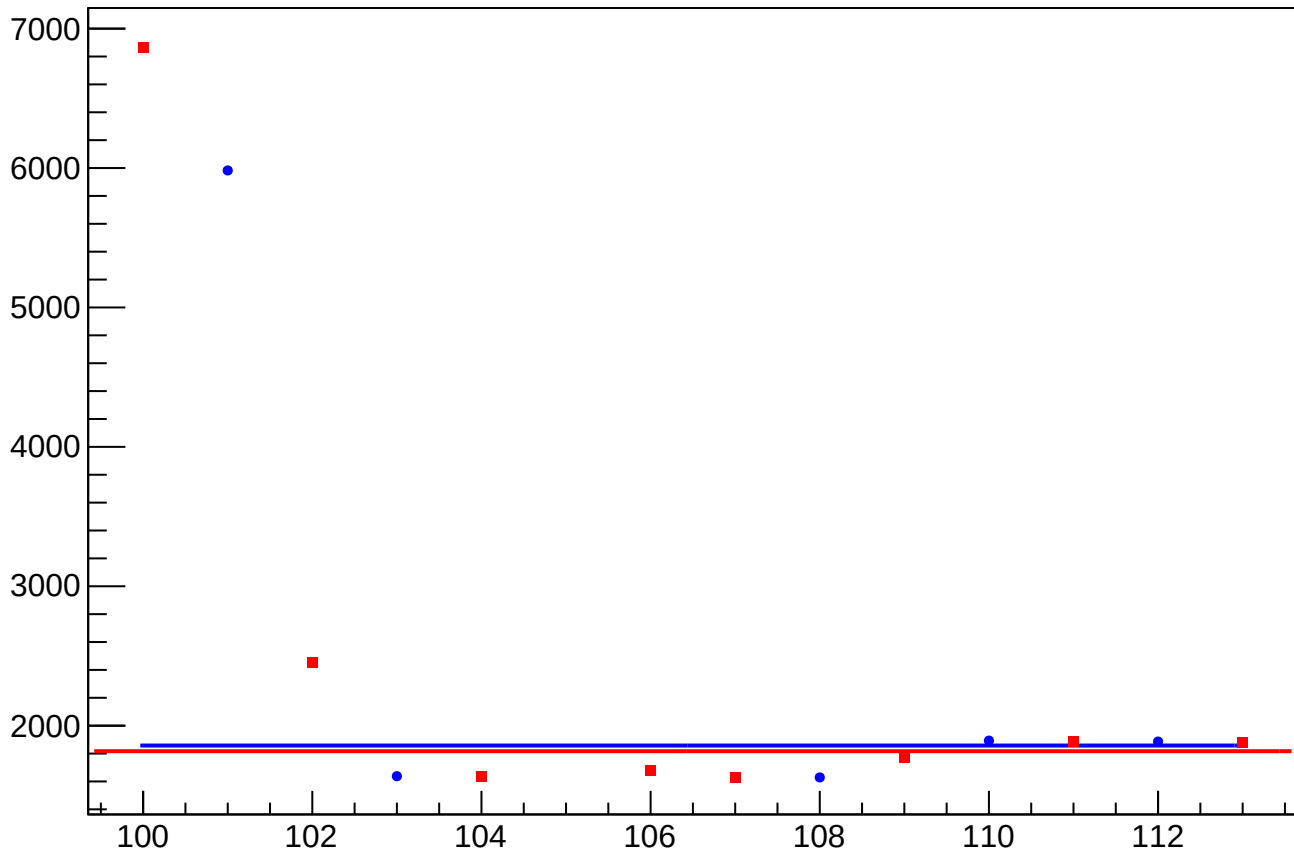
Right: -918.412+/-809.803 χ^2/NDF : 17.4/12

In: -2582.476+/-1252.812 χ^2/NDF : 7.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -918.412+/-809.803 χ^2/NDF : 17.4/12

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: 1816.884+/-0.748 χ^2/NDF : 167225.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

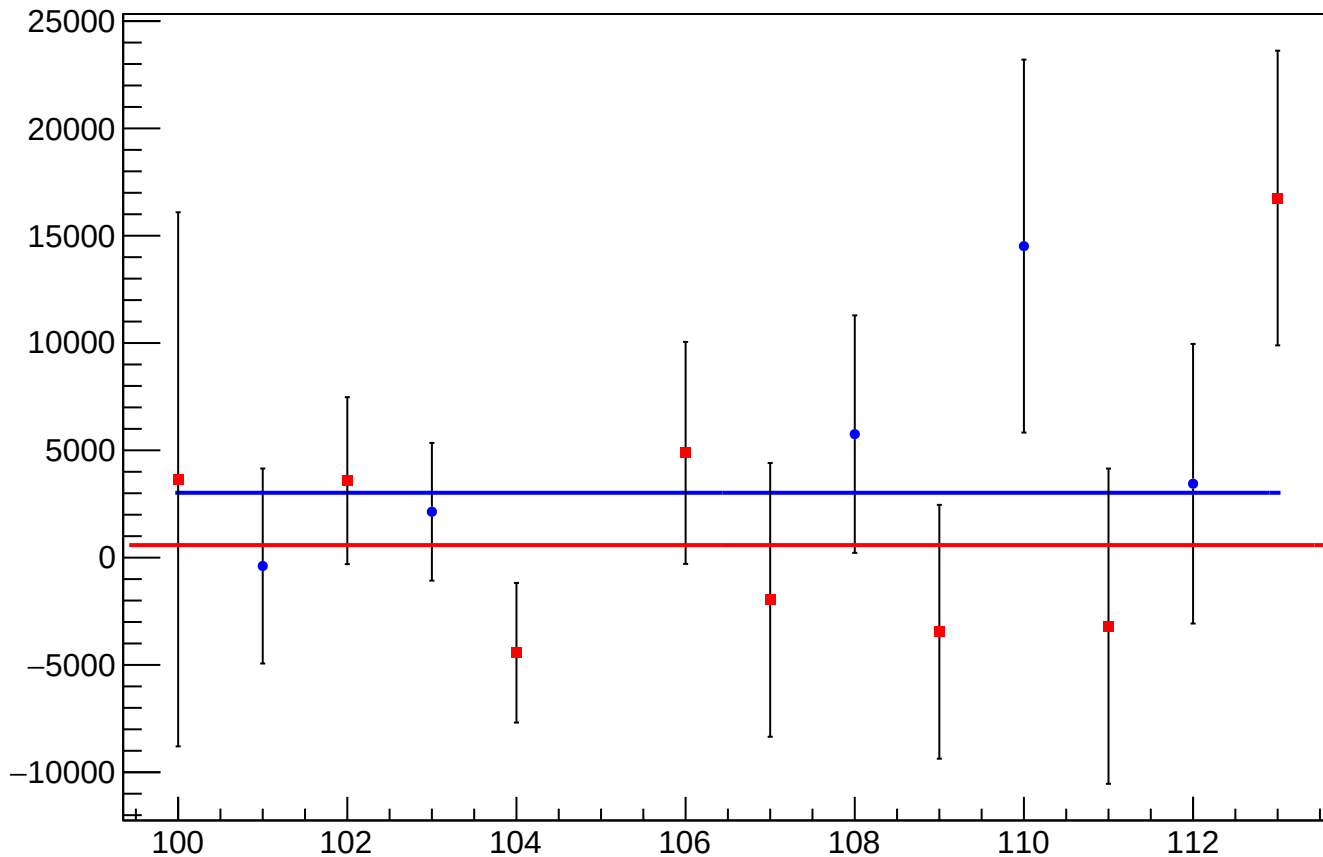
Right: 1833.807+/-0.571 χ^2/NDF : 829893.4/12

In: 1857.555+/-0.886 χ^2/NDF : 661437.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1833.807+/-0.571 χ^2/NDF : 829893.4/12

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: 584.257+/-1834.034 χ^2/NDF : 10.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

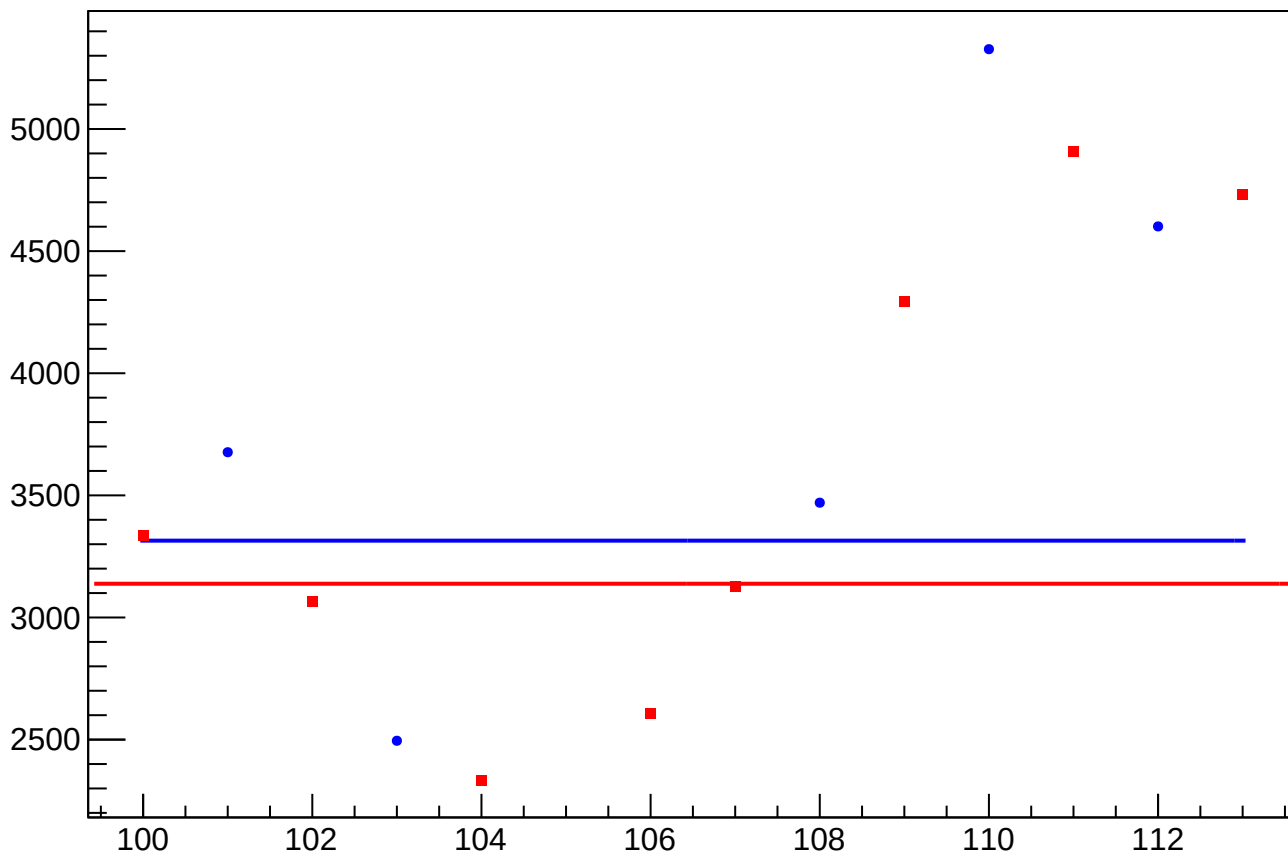
Right: 1607.802+/-1397.075 χ^2/NDF : 13.5/12

In: 3022.796+/-2156.409 χ^2/NDF : 2.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1607.802+/-1397.075 χ^2/NDF : 13.5/12

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: 3138.146+/-1.297 χ^2/NDF : 444097.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

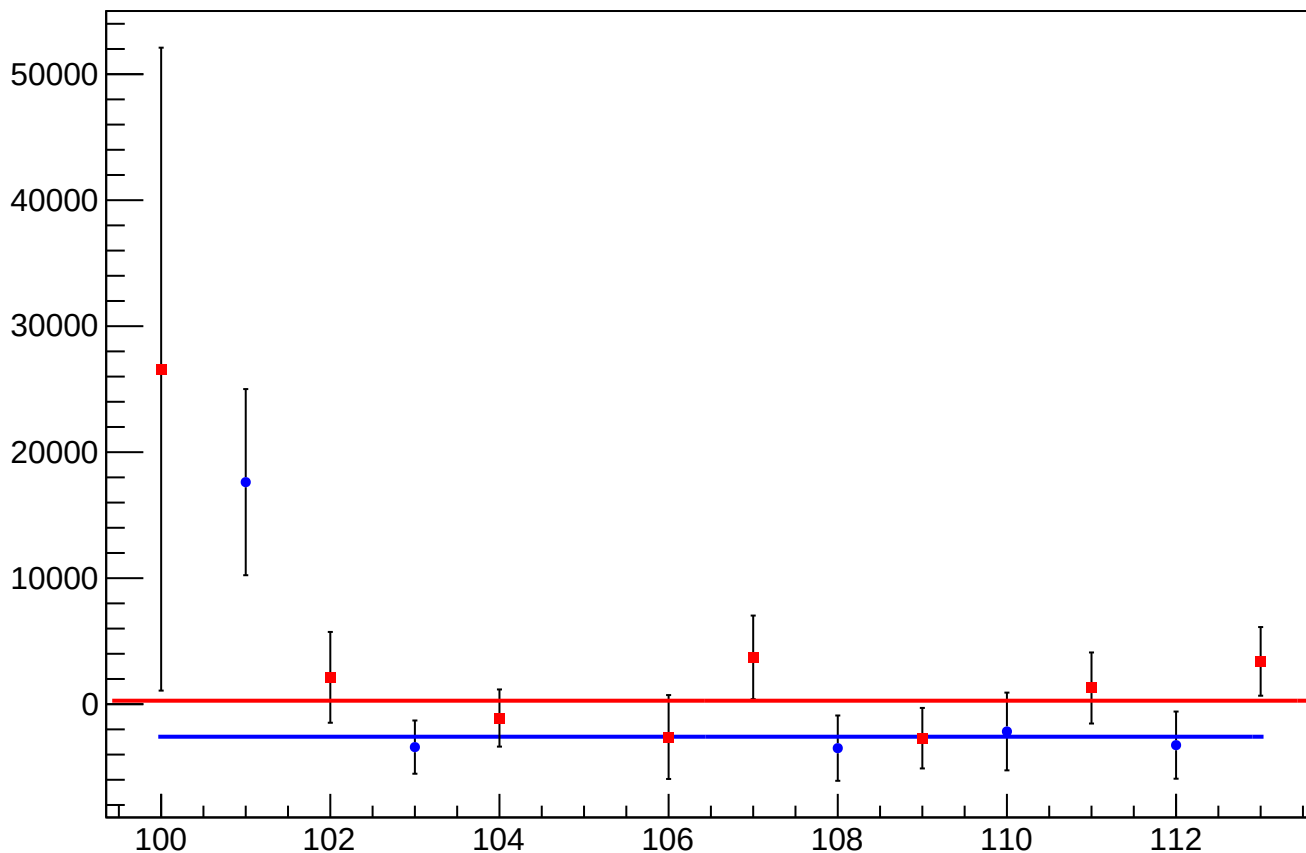
Right: 3212.222+/-0.988 χ^2/NDF : 781814.2/12

In: 3314.627+/-1.525 χ^2/NDF : 329943.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3212.222+/-0.988 χ^2/NDF : 781814.2/12

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: 275.849+/-1061.330 χ^2 /NDF: 6.5/7

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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

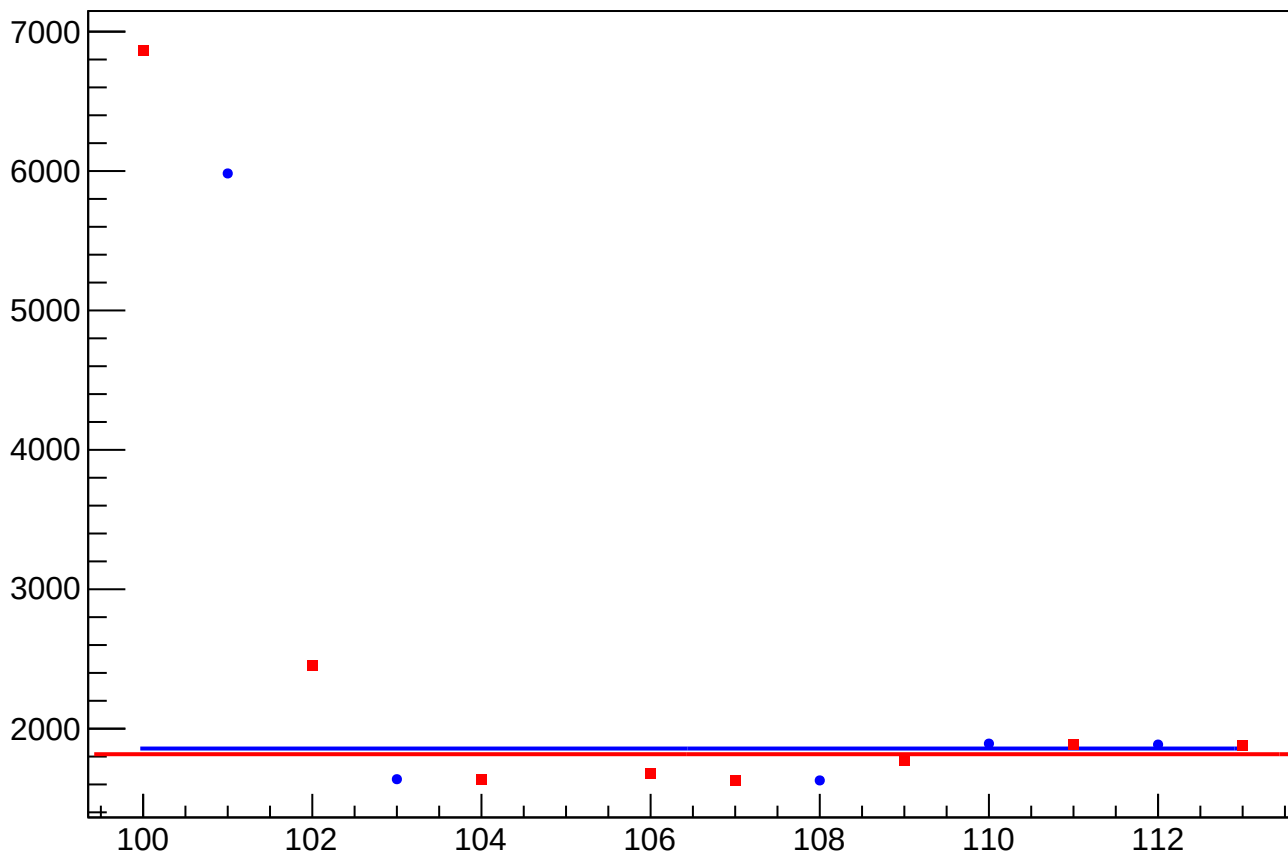
Right: -918.412+/-809.803 χ^2 /NDF: 17.4/12

In: -2582.476+/-1252.812 χ^2 /NDF: 7.8/4

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -918.412+/-809.803 χ^2 /NDF: 17.4/12

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: 1816.884+/-0.748 χ^2/NDF : 167225.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

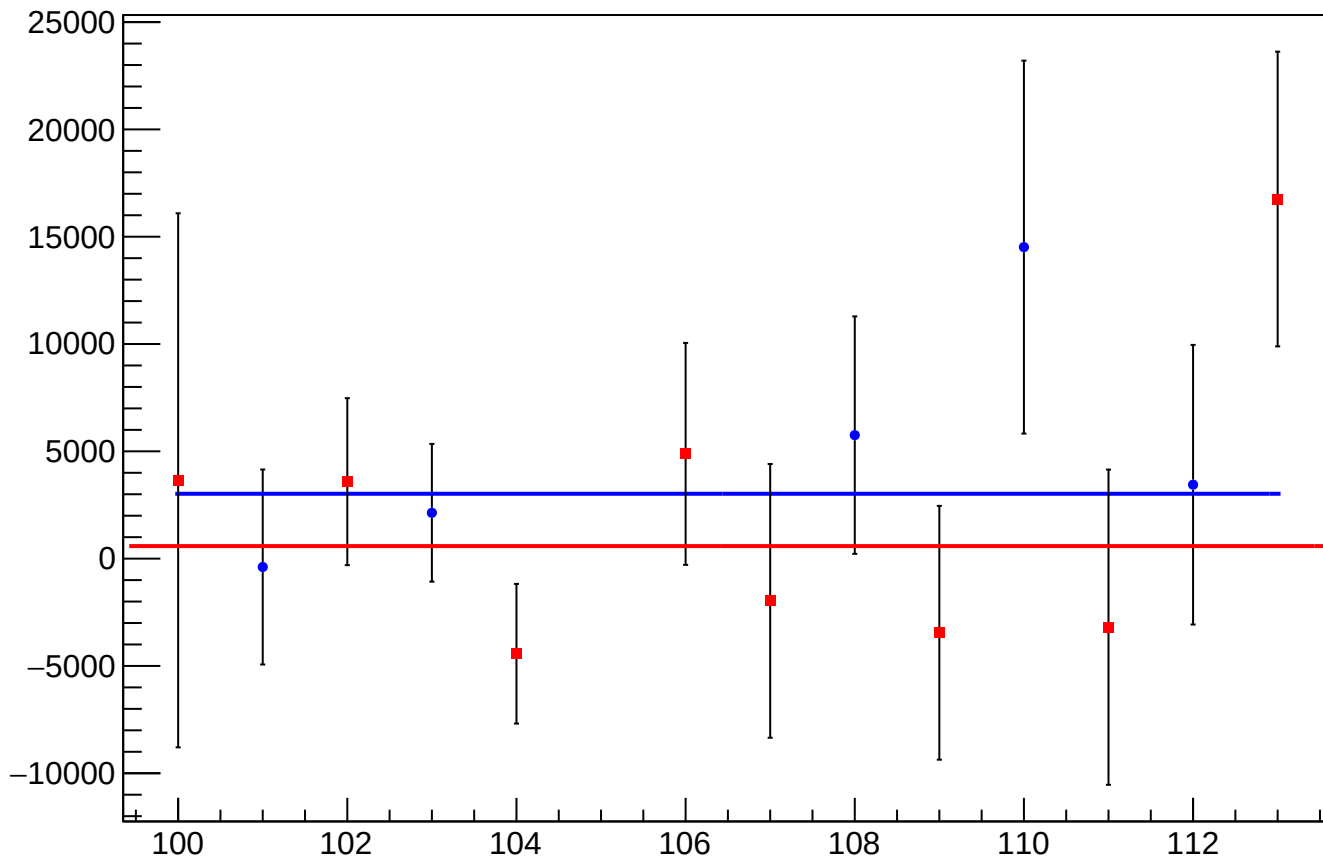
Right: 1833.807+/-0.571 χ^2/NDF : 829893.4/12

In: 1857.555+/-0.886 χ^2/NDF : 661437.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1833.807+/-0.571 χ^2/NDF : 829893.4/12

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: 584.257+/-1834.034 χ^2/NDF : 10.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

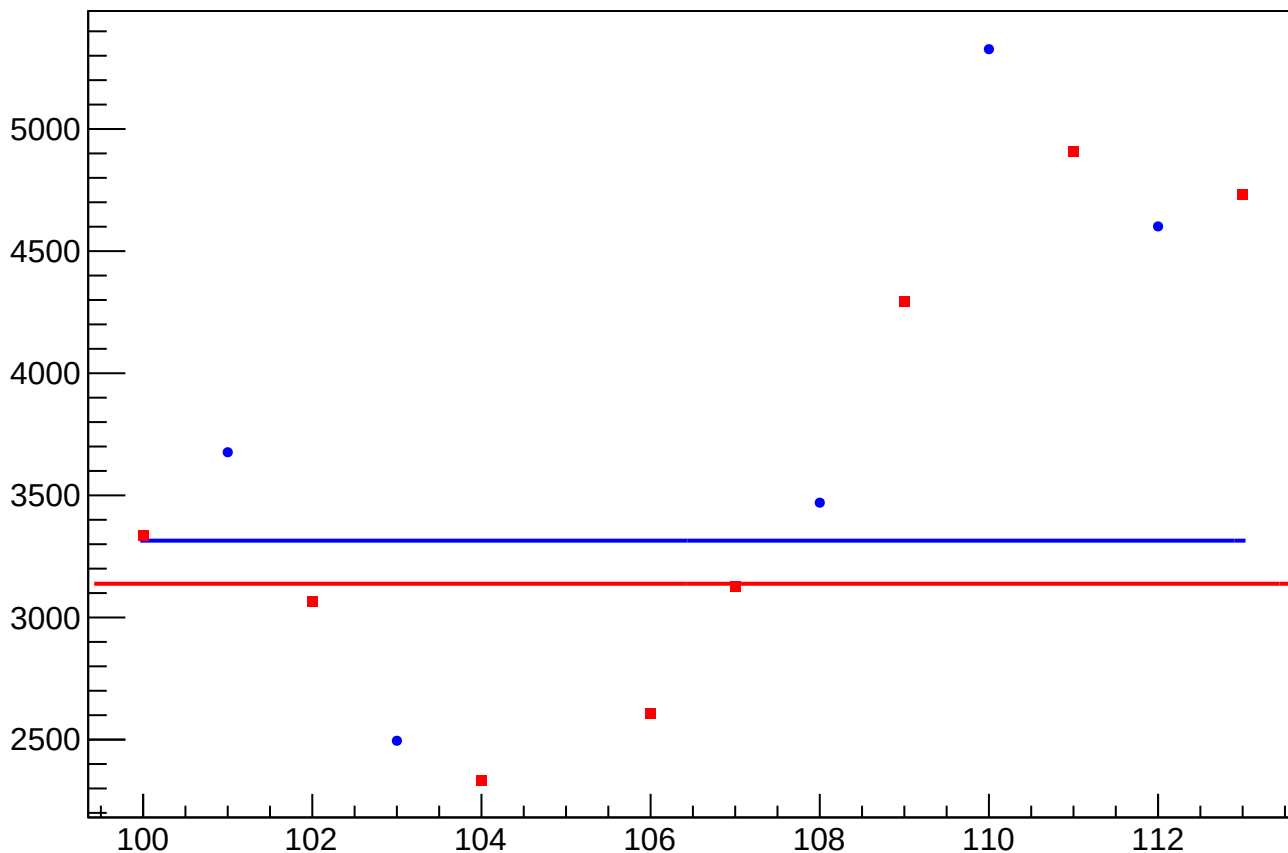
Right: 1607.802+/-1397.075 χ^2/NDF : 13.5/12

In: 3022.796+/-2156.409 χ^2/NDF : 2.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1607.802+/-1397.075 χ^2/NDF : 13.5/12

asym_atr_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3314.627 $\pm$ 1.525 χ^2 /NDF: 329943.9/4

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

Right Out: 3138.146 $\pm$ 1.297 χ^2 /NDF: 444097.4/7

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

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

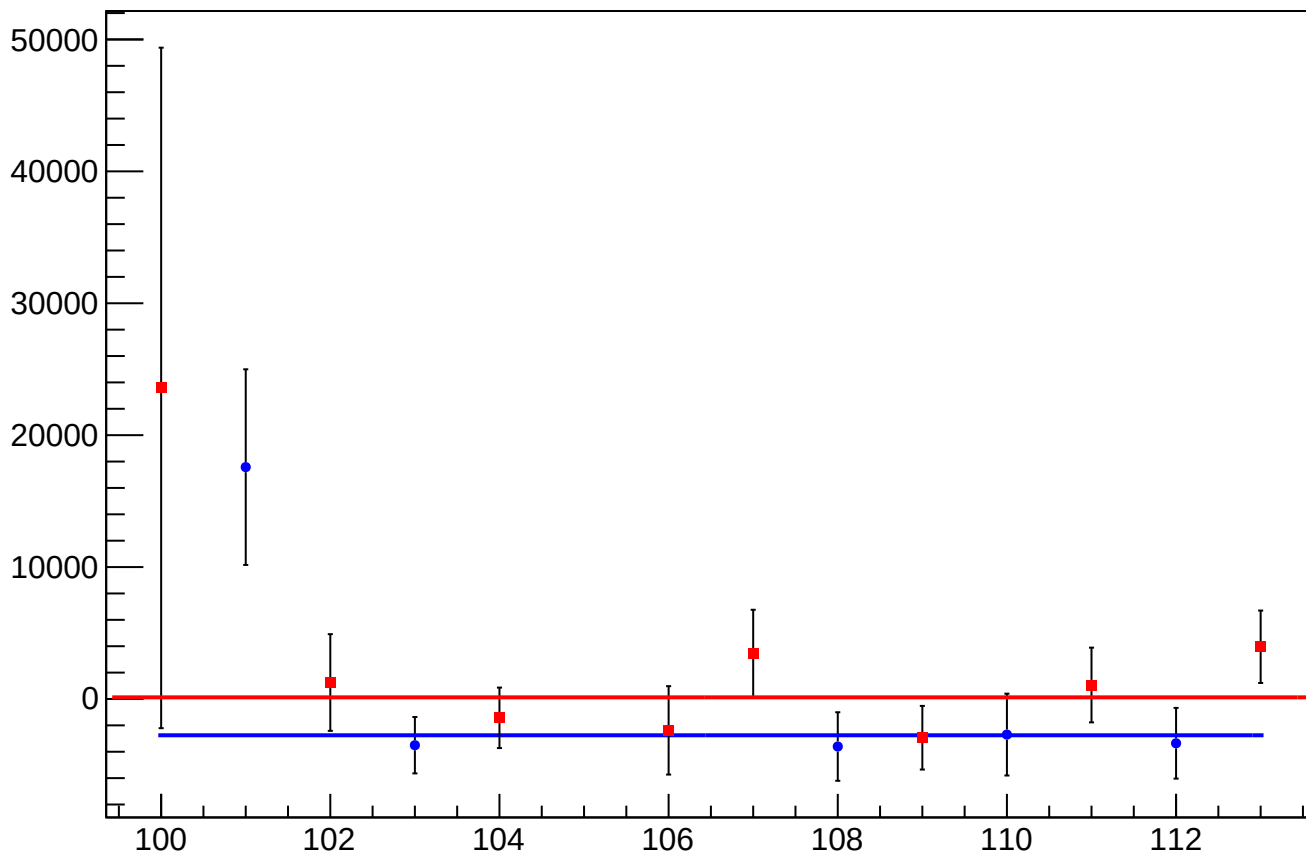
Right: 3212.222 $\pm$ 0.988 χ^2 /NDF: 781814.2/12

In: 3314.627 $\pm$ 1.525 χ^2 /NDF:329943.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3212.222 $\pm$ 0.988 χ^2 /NDF: 781814.2/12

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

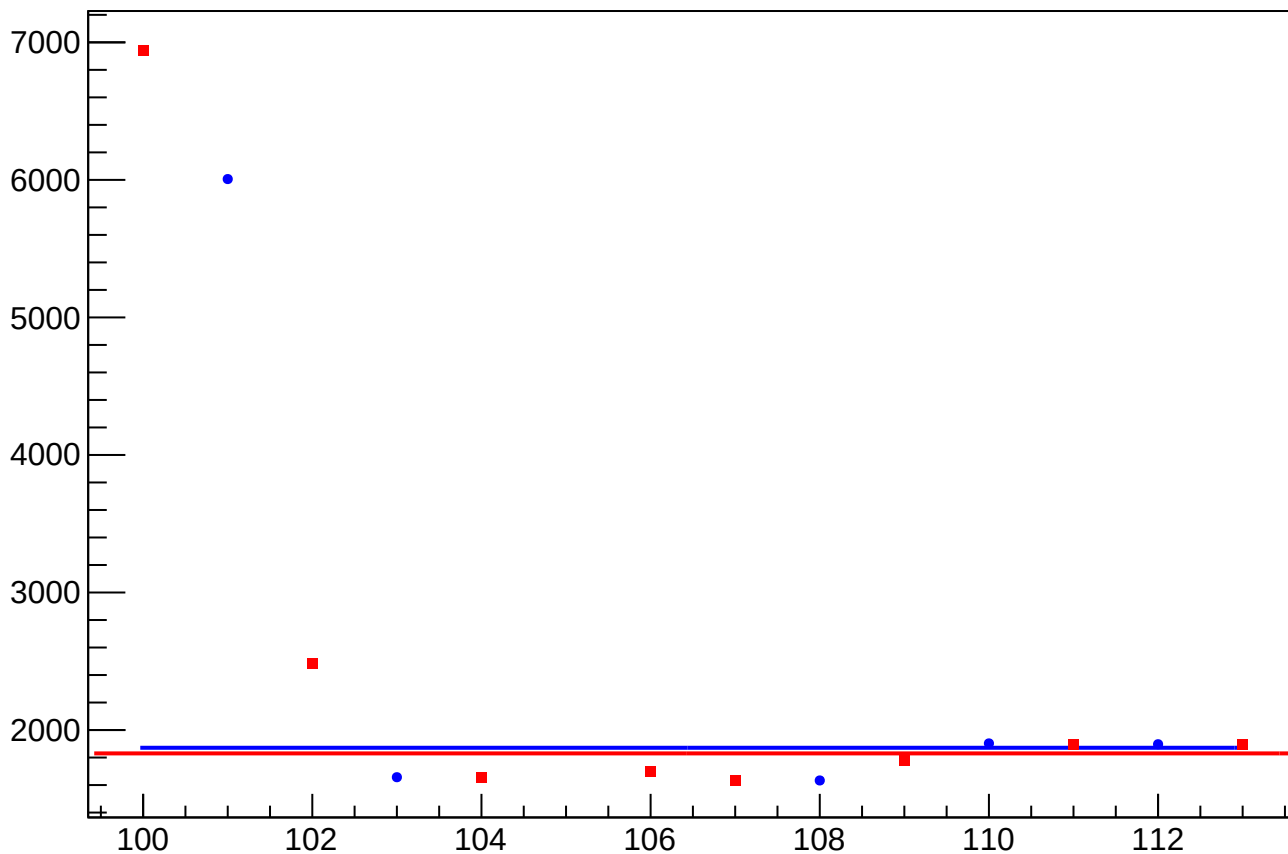
Right: -1078.250+/-815.701 χ^2/NDF : 17.4/12

In: -2751.823+/-1261.620 χ^2/NDF : 7.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1078.250+/-815.701 χ^2/NDF : 17.4/12

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: 1830.151+/-0.754 χ^2/NDF : 167211.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

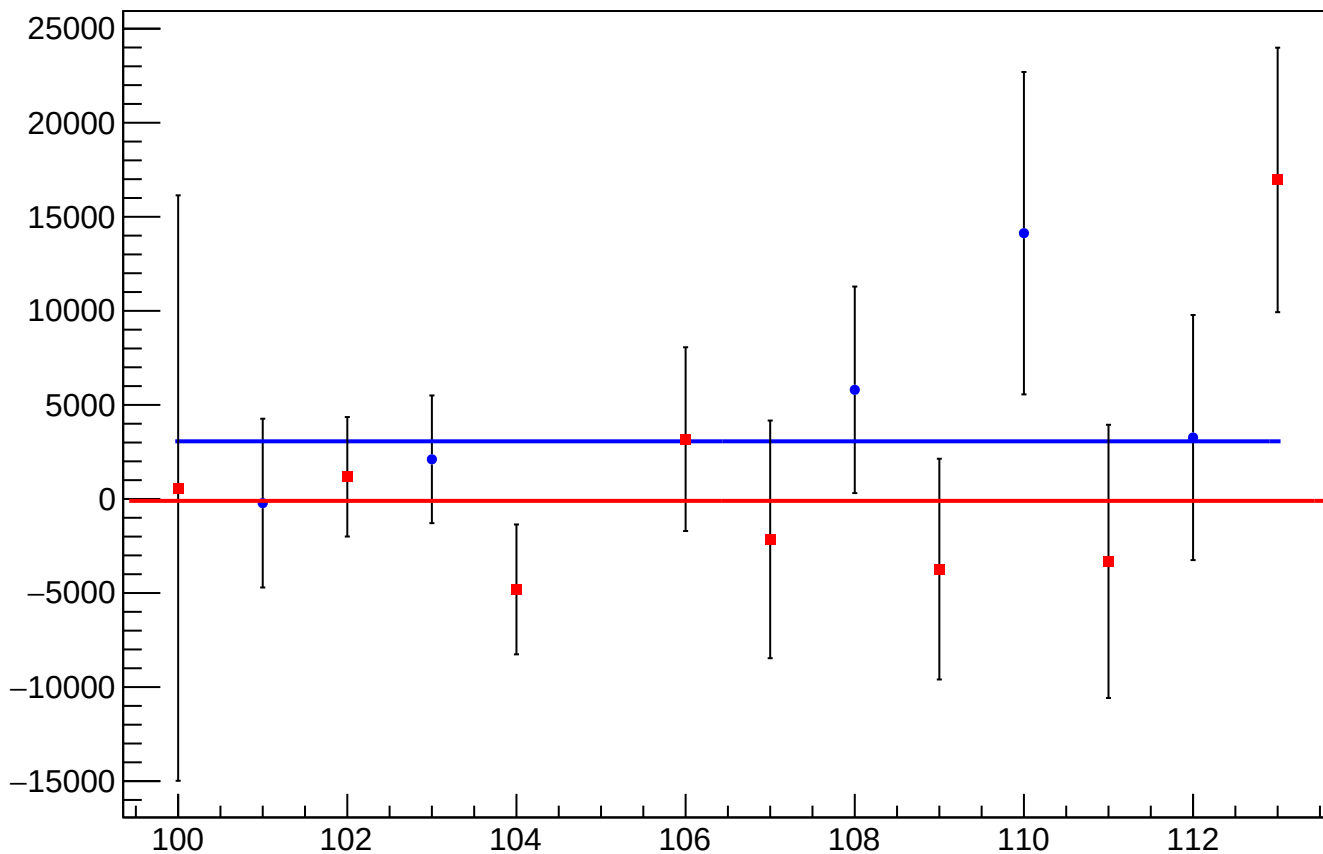
Right: 1847.231+/-0.576 χ^2/NDF : 827338.4/12

In: 1871.124+/-0.892 χ^2/NDF : 658896.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1847.231+/-0.576 χ^2/NDF : 827338.4/12

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: -101.207+/-1761.193 χ^2/NDF : 9.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

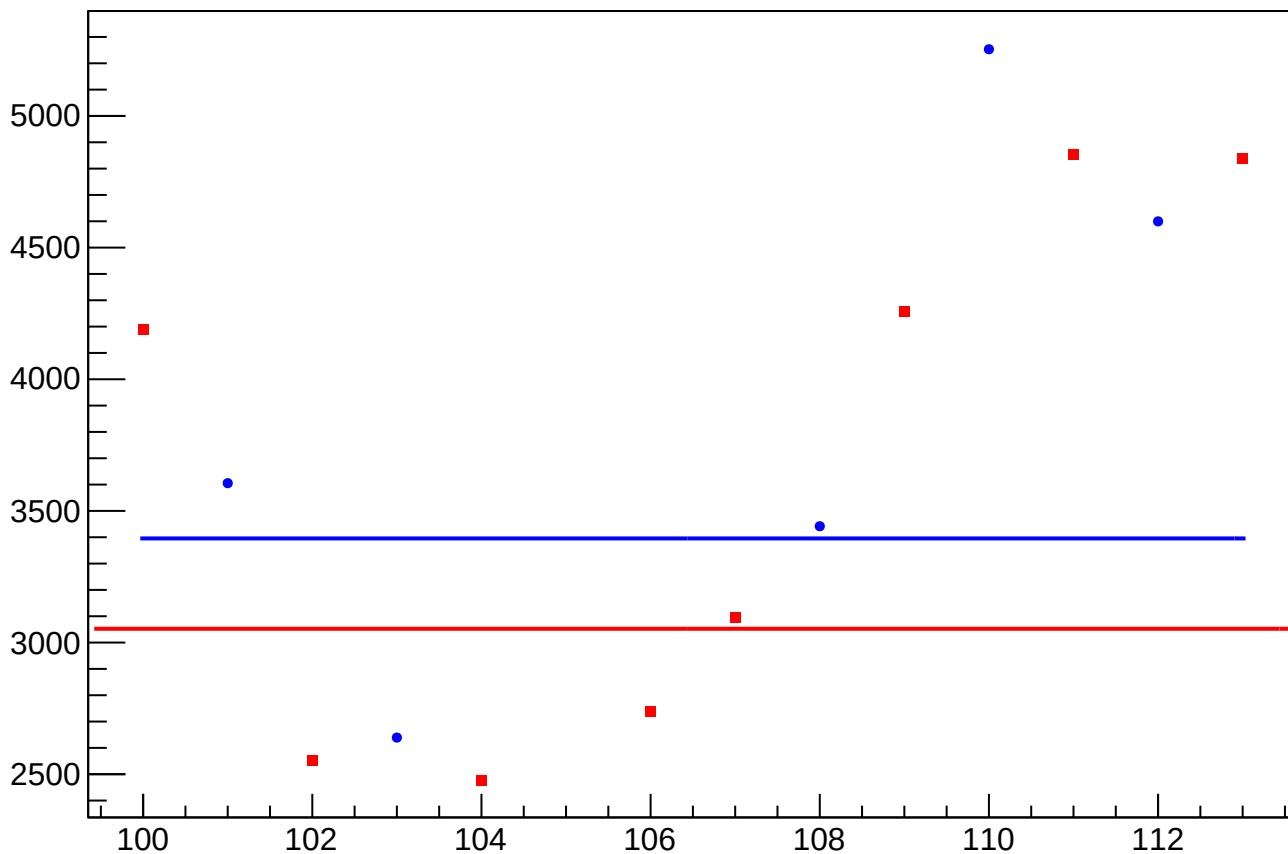
Right: 1136.141+/-1374.595 χ^2/NDF : 12.8/12

In: 3064.714+/-2198.766 χ^2/NDF : 2.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1136.141+/-1374.595 χ^2/NDF : 12.8/12

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: 3052.443+/-1.245 χ^2/NDF : 460444.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

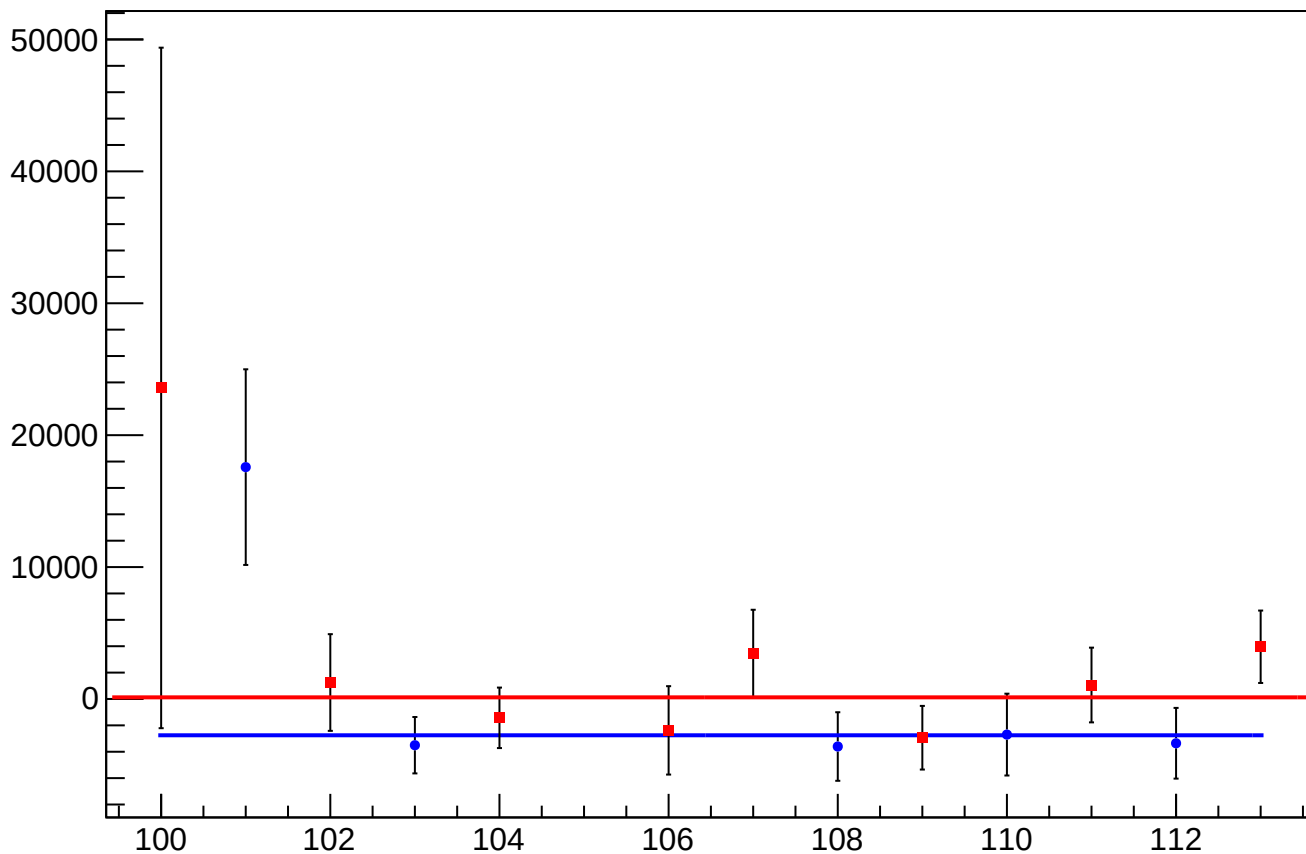
Right: 3186.517+/-0.972 χ^2/NDF : 756212.6/12

In: 3395.489+/-1.555 χ^2/NDF : 266111.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3186.517+/-0.972 χ^2/NDF : 756212.6/12

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: 123.861+/-1069.251 χ^2/NDF : 6.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

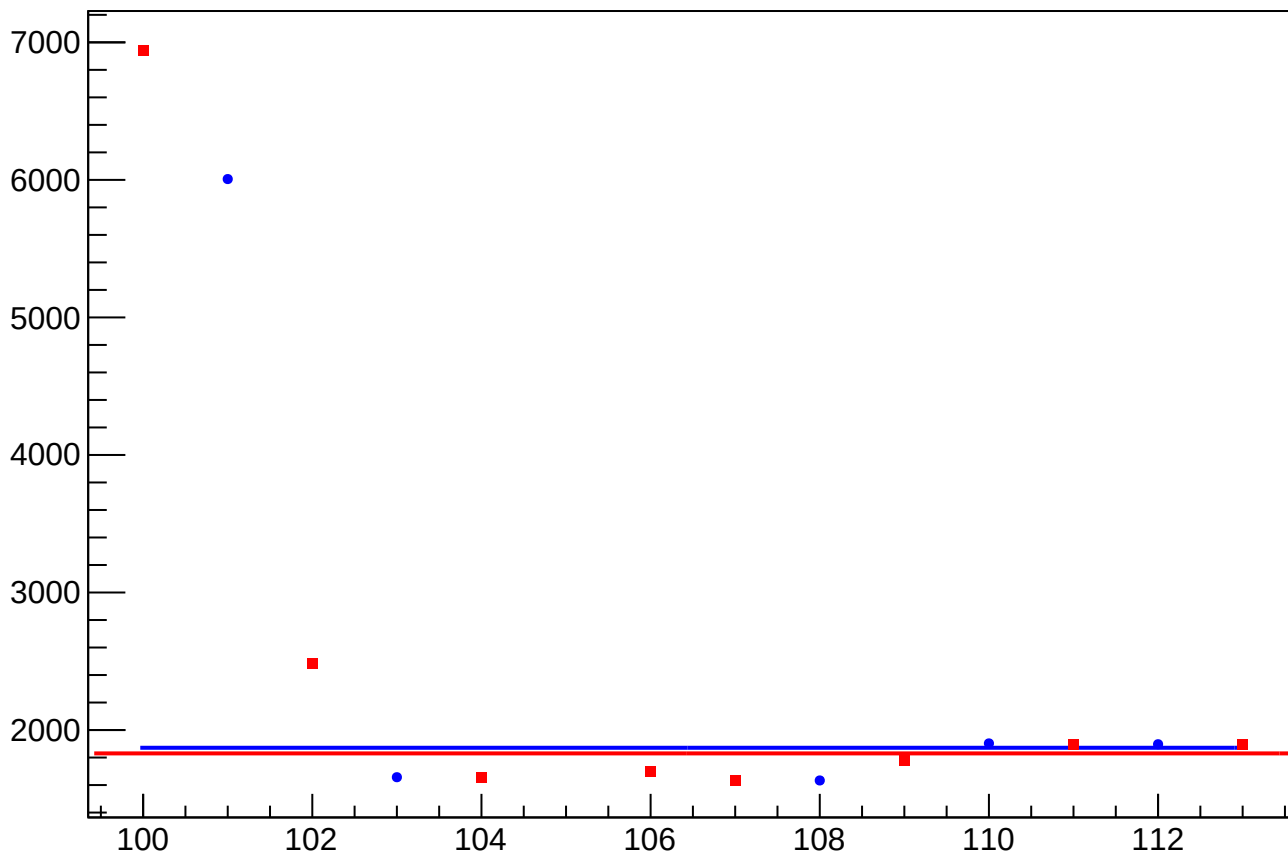
Right: -1078.254+/-815.701 χ^2/NDF : 17.4/12

In: -2751.826+/-1261.620 χ^2/NDF : 7.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1078.254+/-815.701 χ^2/NDF : 17.4/12

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: 1830.151+/-0.754 χ^2/NDF : 167211.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

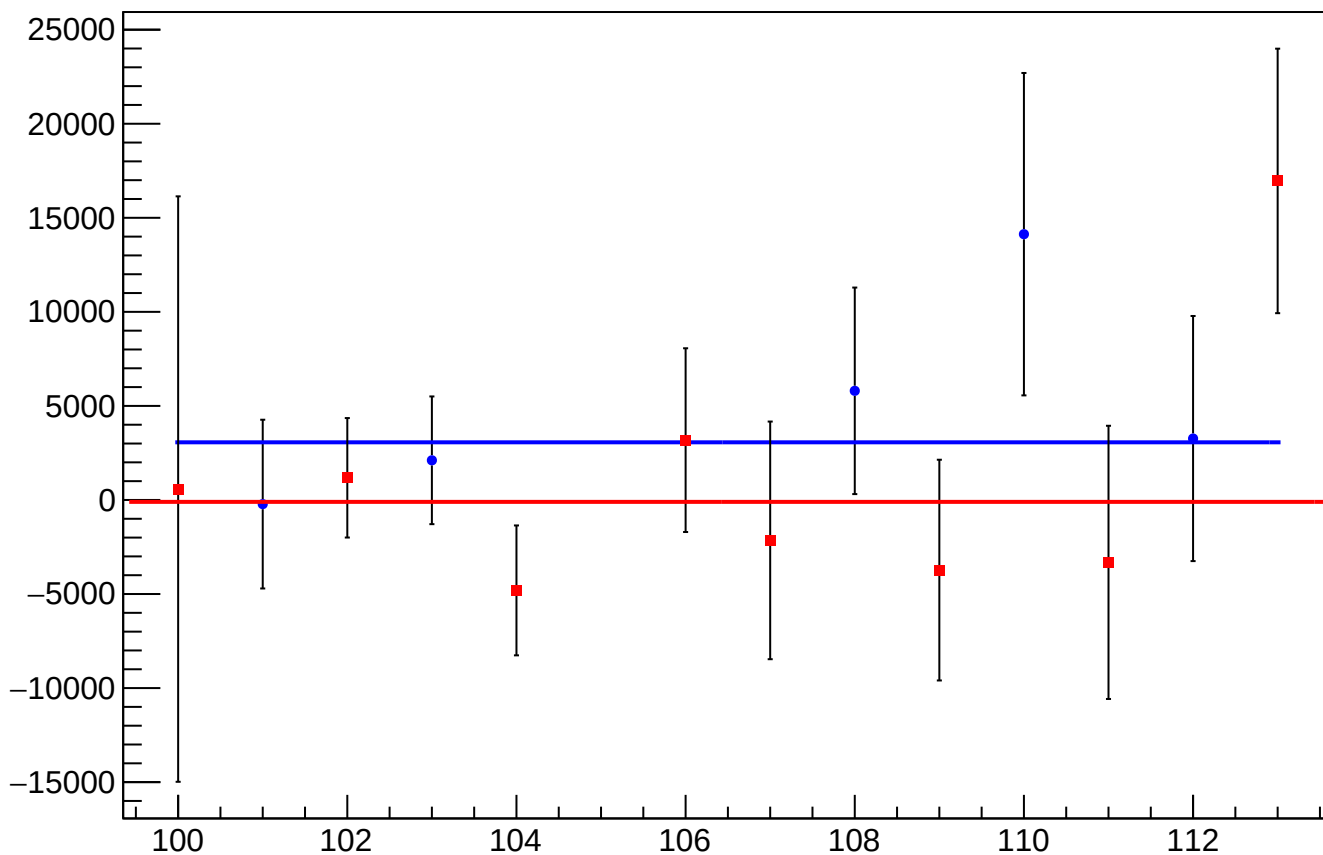
Right: 1847.231+/-0.576 χ^2/NDF : 827338.4/12

In: 1871.124+/-0.892 χ^2/NDF : 658896.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1847.231+/-0.576 χ^2/NDF : 827338.4/12

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: -101.208+/-1761.191 χ^2/NDF : 9.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

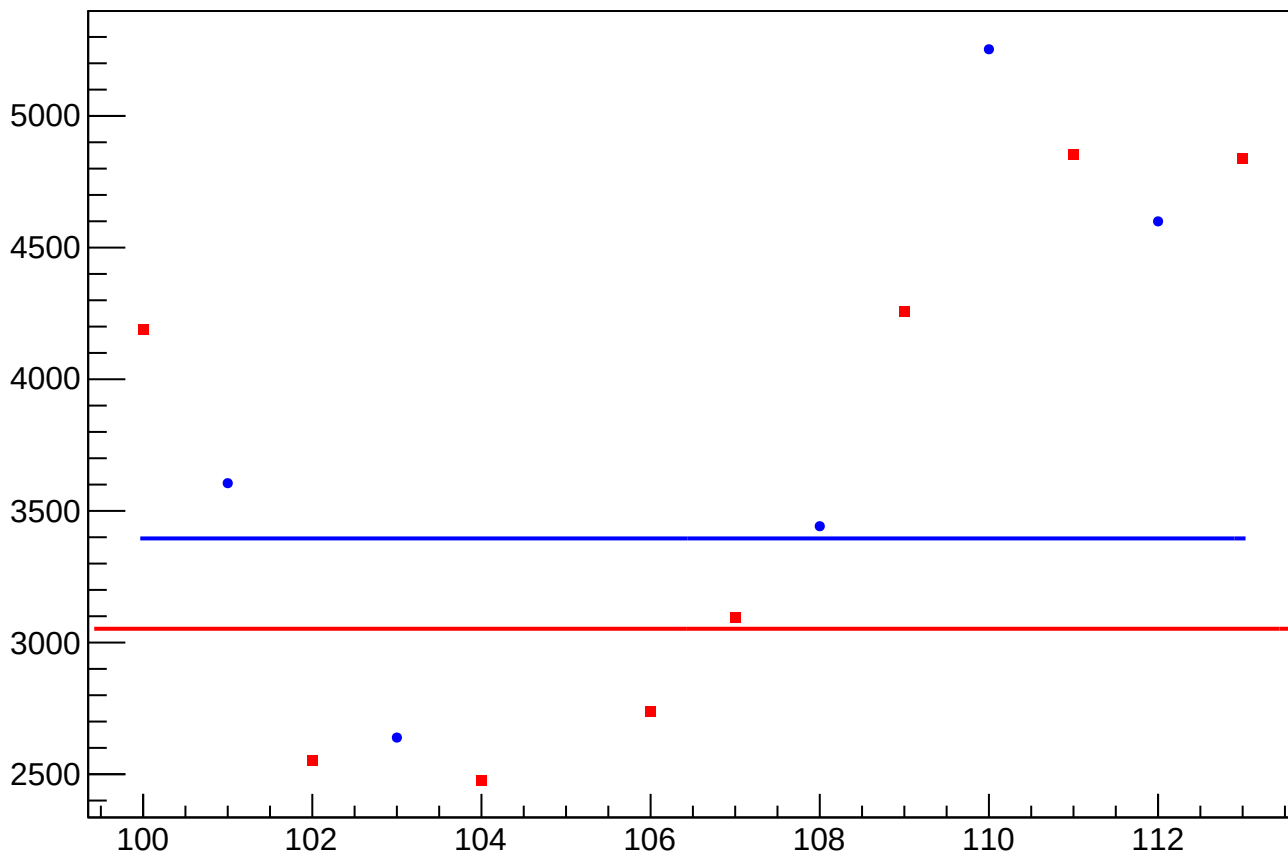
Right: 1136.142+/-1374.594 χ^2/NDF : 12.8/12

In: 3064.719+/-2198.765 χ^2/NDF : 2.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1136.142+/-1374.594 χ^2/NDF : 12.8/12

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: 3052.440+/-1.245 χ^2/NDF : 460442.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

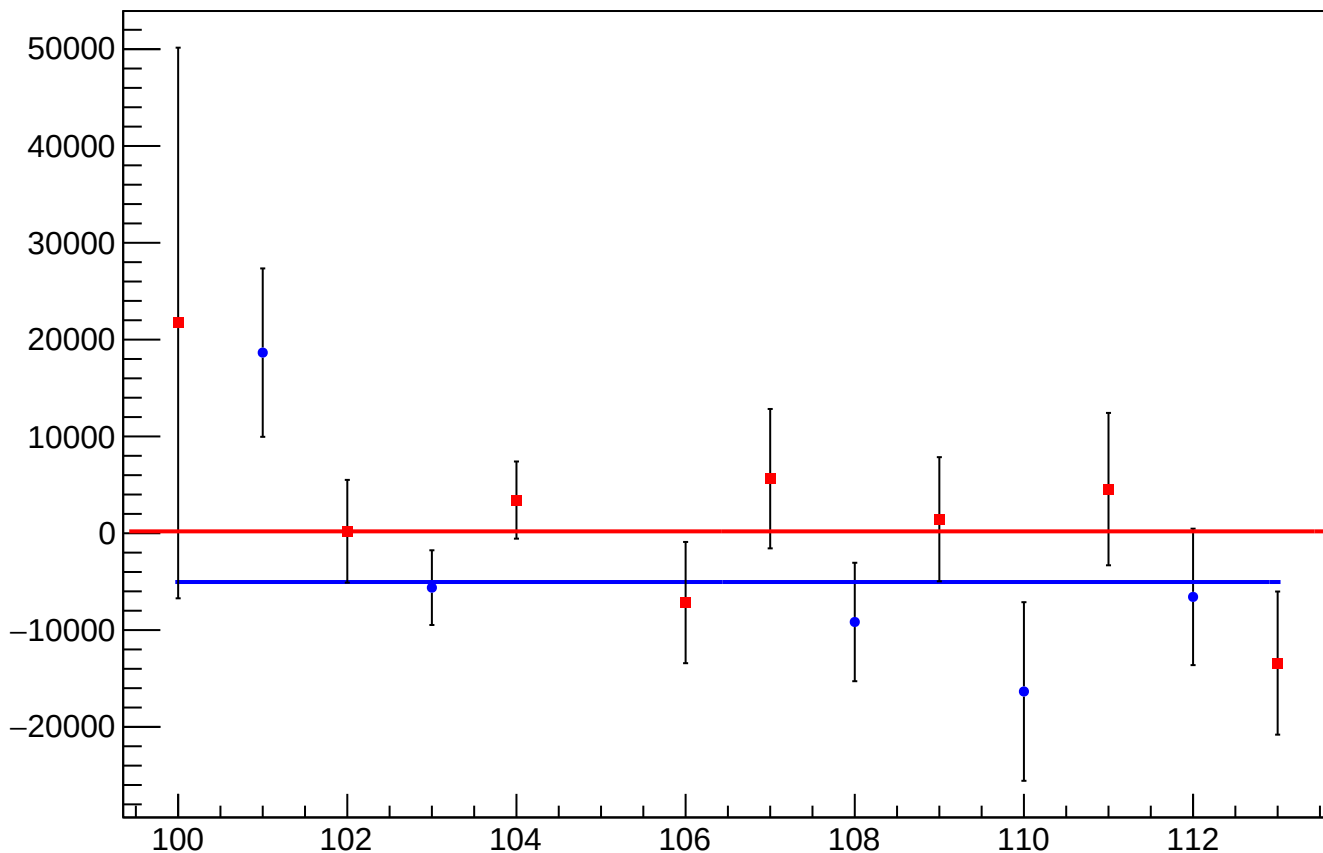
Right: 3186.515+/-0.972 χ^2/NDF : 756209.5/12

In: 3395.488+/-1.555 χ^2/NDF : 266110.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3186.515+/-0.972 χ^2/NDF : 756209.5/12

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: 195.901+/-2217.661 χ^2/NDF : 6.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

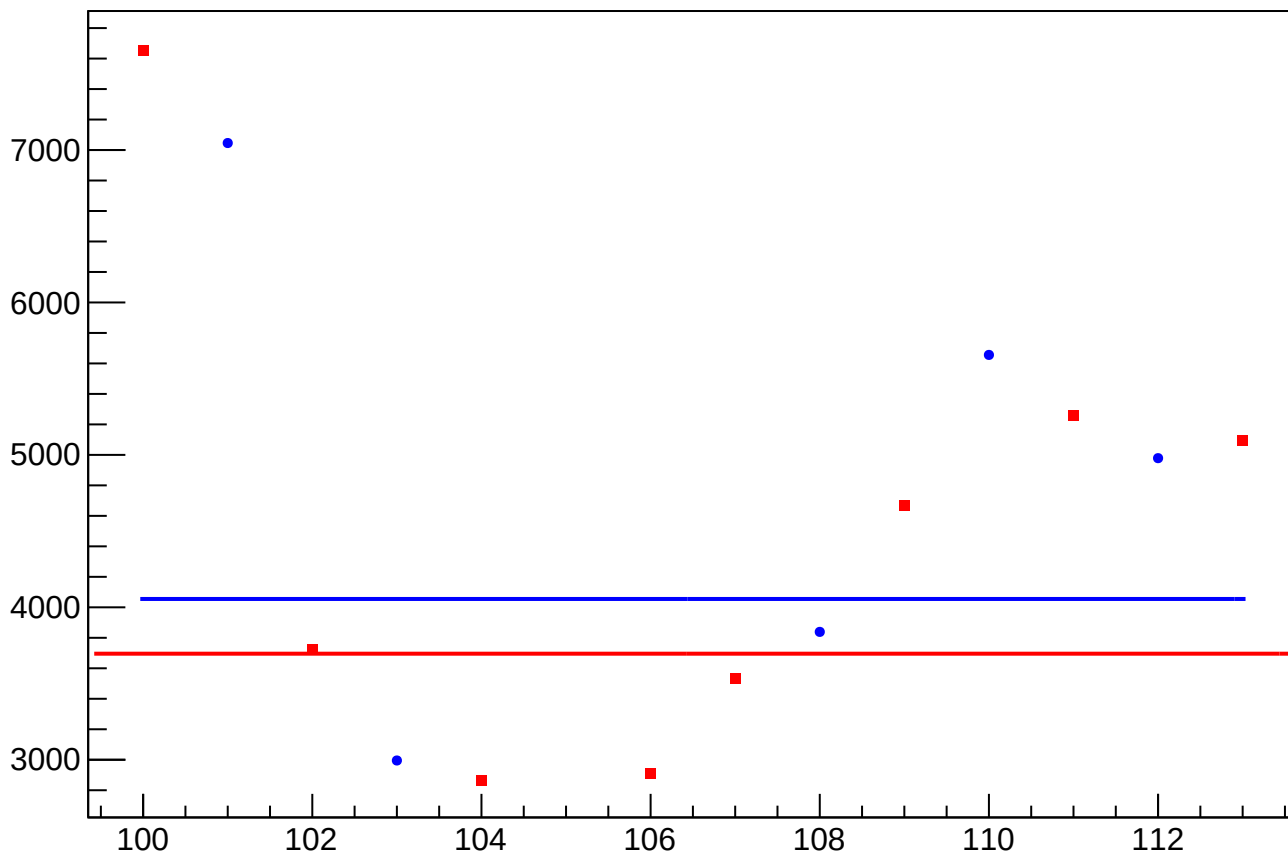
Right: -1928.687+/-1709.013 χ^2/NDF : 18.6/12

In: -5035.555+/-2681.756 χ^2/NDF : 9.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1928.687+/-1709.013 χ^2/NDF : 18.6/12

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: 3695.785+/-1.544 χ^2/NDF : 362699.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

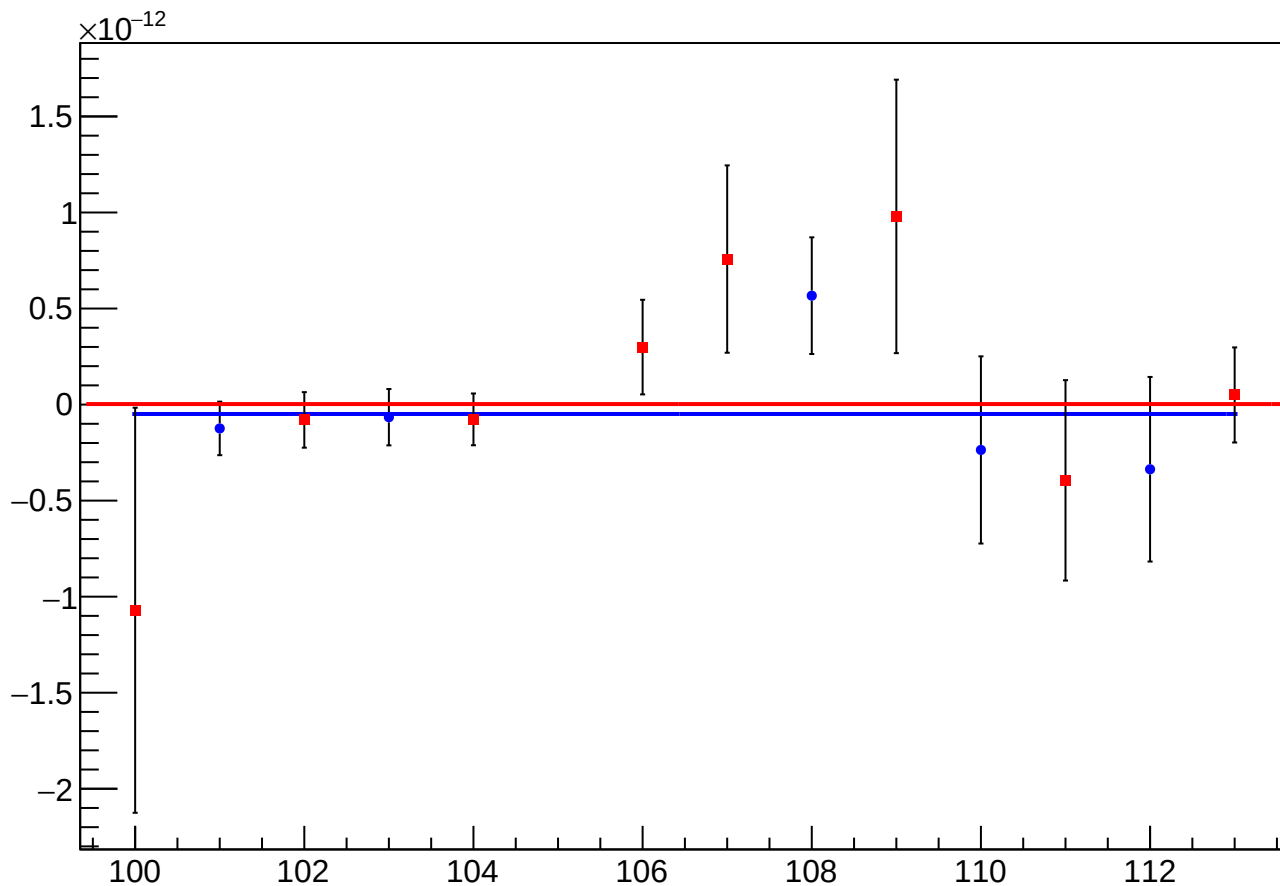
Right: 3838.965+/-1.198 χ^2/NDF : 868864.4/12

In: 4054.803+/-1.896 χ^2/NDF : 484615.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3838.965+/-1.198 χ^2/NDF : 868864.4/12

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 : 8.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

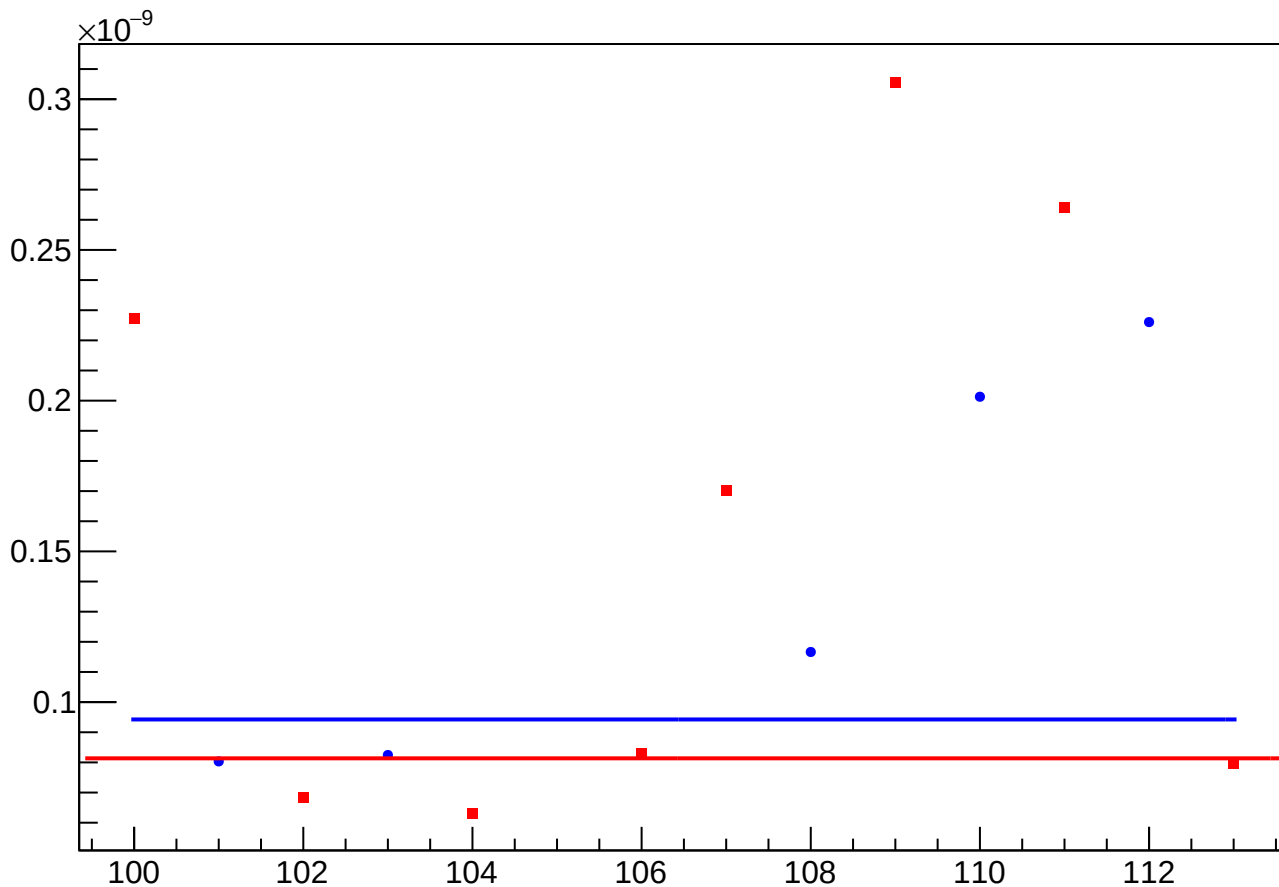
Right: -0.000+/-0.000 χ^2/NDF : 13.2/12

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 : 13.2/12

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 : 601524.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

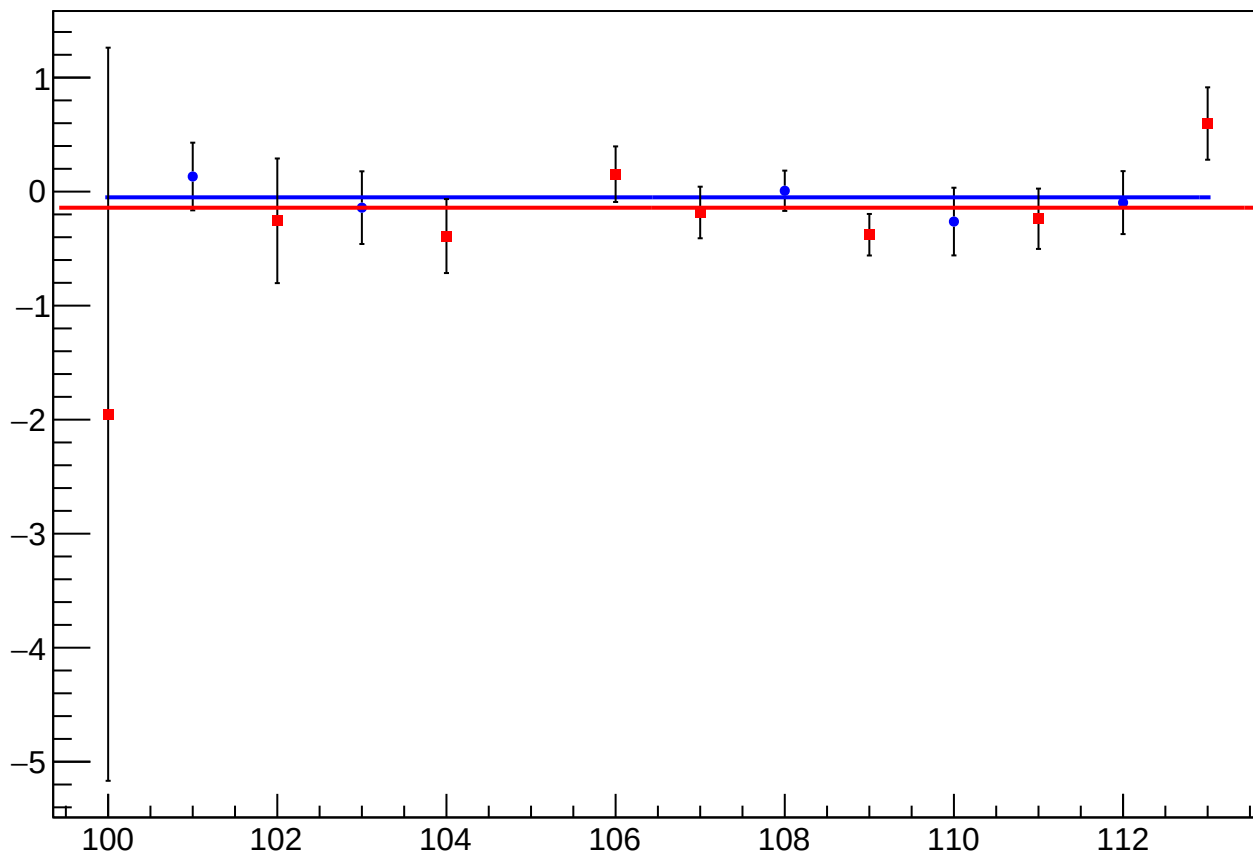
Right: 0.000+/-0.000 χ^2/NDF : 913969.1/12

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 : 913969.1/12

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: -0.141±/0.098 χ^2 /NDF: 9.7/7

Left In: 0.000±/0.000 χ^2 /NDF:0.0/0

Left: 0.000±/0.000 χ^2 /NDF: 0.0/0

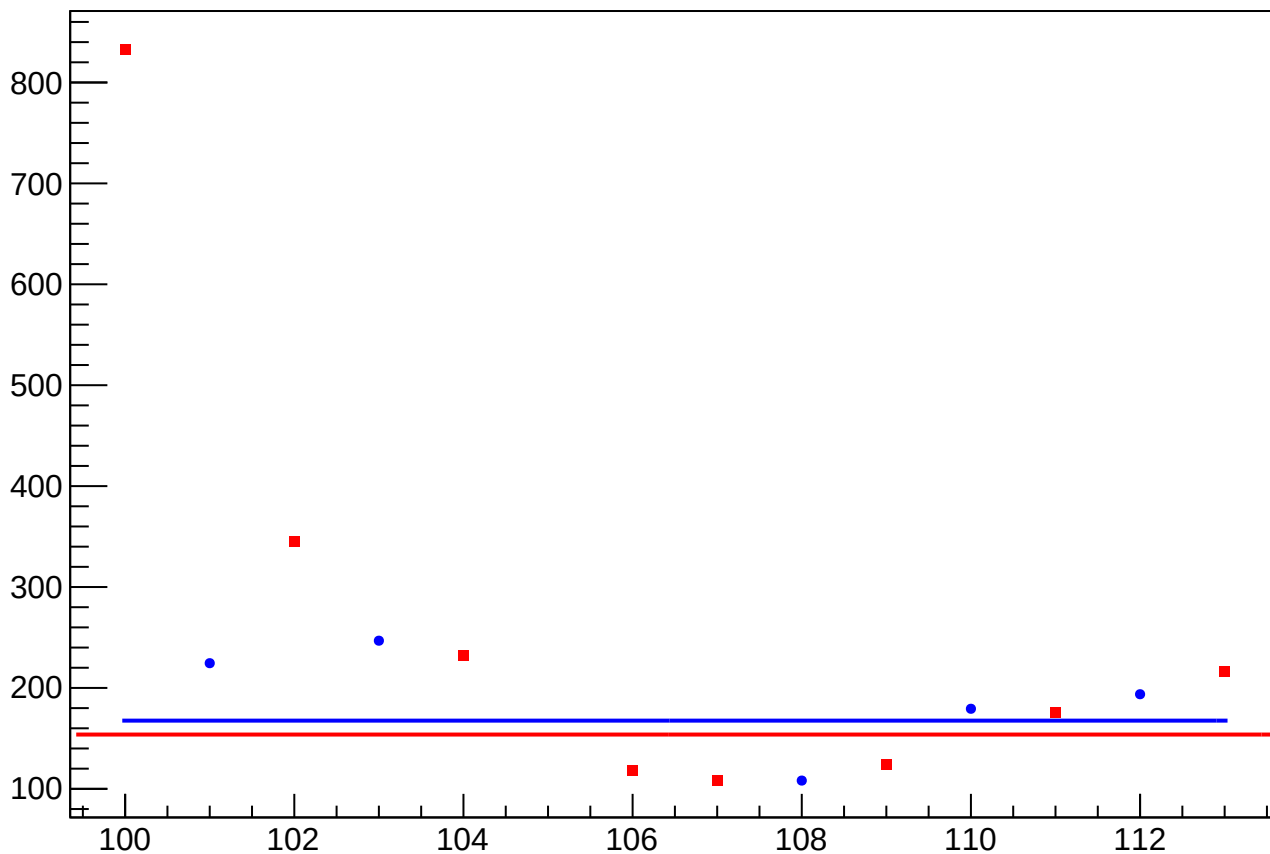
Right: -0.102±/0.074 χ^2 /NDF: 11.1/12

In: -0.050±/0.113 χ^2 /NDF:1.1/4

Out: 0.000±/0.000 χ^2 /NDF:0.0/0

All: -0.102±/0.074 χ^2 /NDF: 11.1/12

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: 153.805+/-0.069 χ^2/NDF : 719946.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

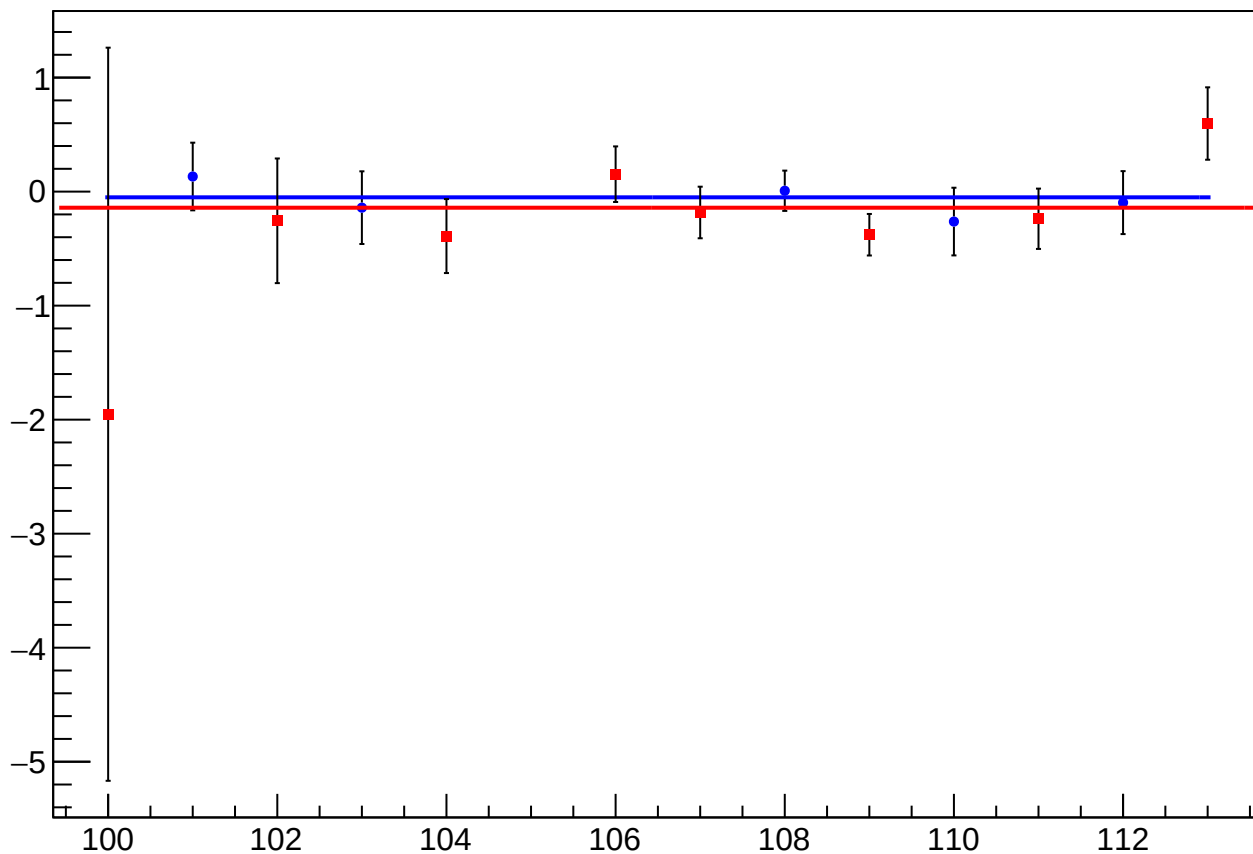
Right: 159.716+/-0.053 χ^2/NDF : 1181333.0/12

In: 167.601+/-0.080 χ^2/NDF : 444478.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.716+/-0.053 χ^2/NDF : 1181333.0/12

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: -0.141+/-0.098 χ^2/NDF : 9.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

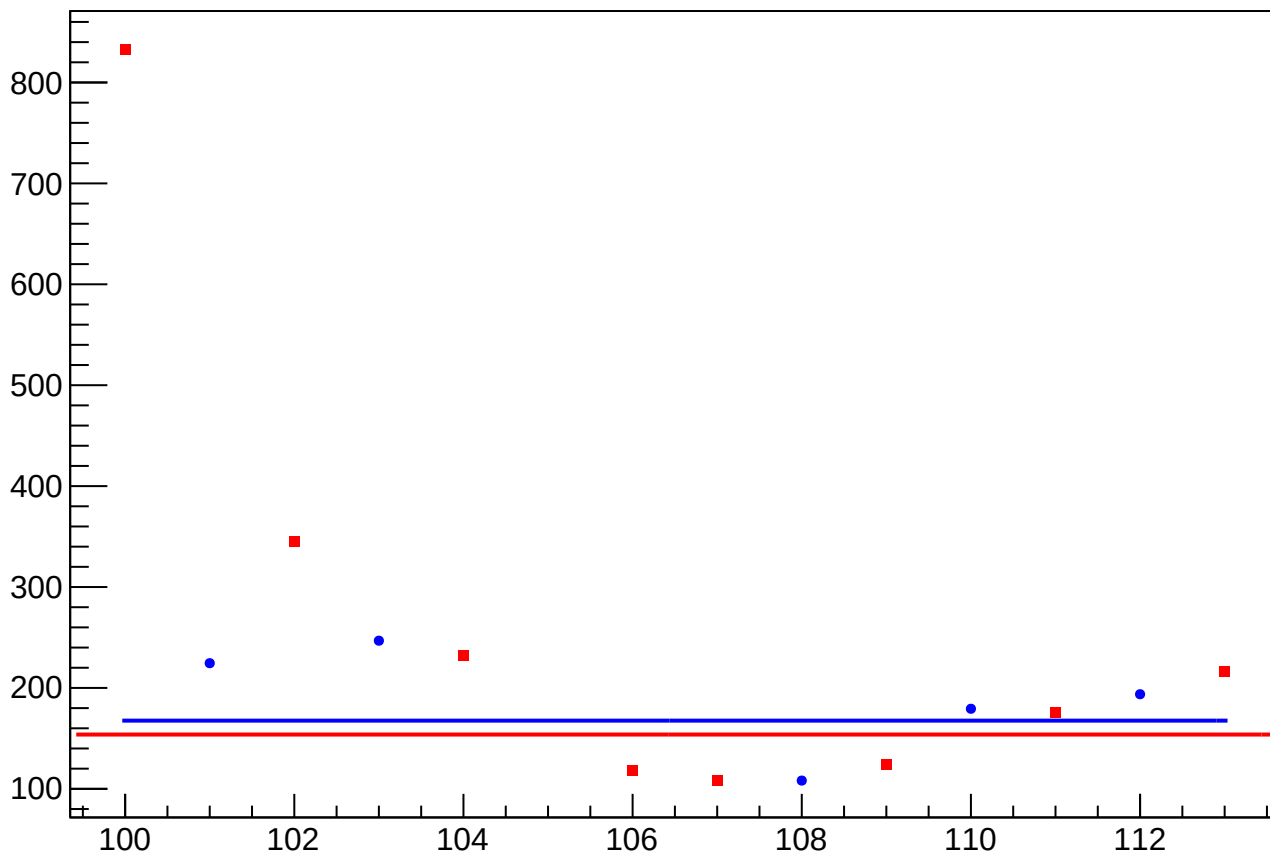
Right: -0.102+/-0.074 χ^2/NDF : 11.1/12

In: -0.050+/-0.113 χ^2/NDF :1.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.102+/-0.074 χ^2/NDF : 11.1/12

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: 153.805+/-0.069 χ^2/NDF : 719946.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

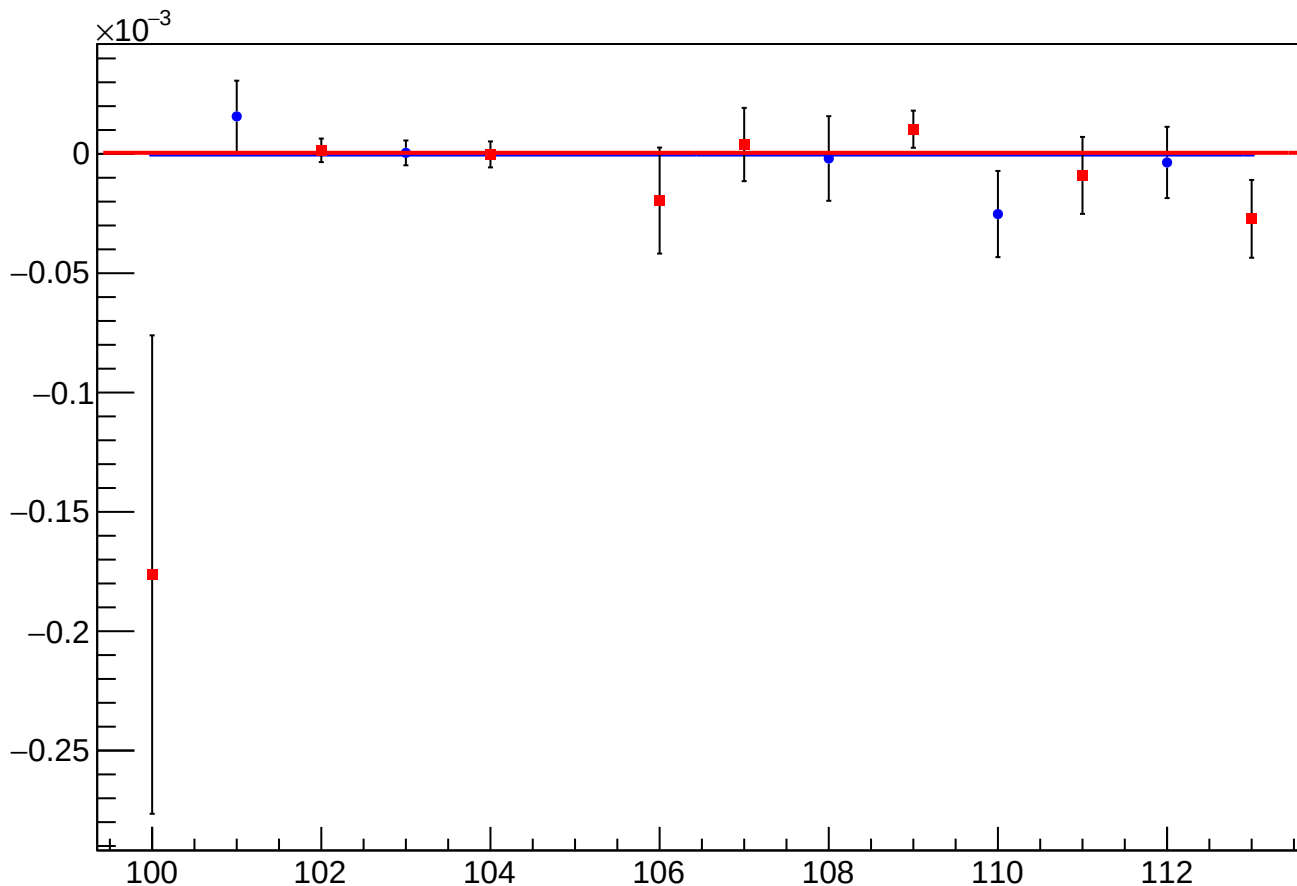
Right: 159.716+/-0.053 χ^2/NDF : 1181333.0/12

In: 167.601+/-0.080 χ^2/NDF : 444478.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.716+/-0.053 χ^2/NDF : 1181333.0/12

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: 8.9/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

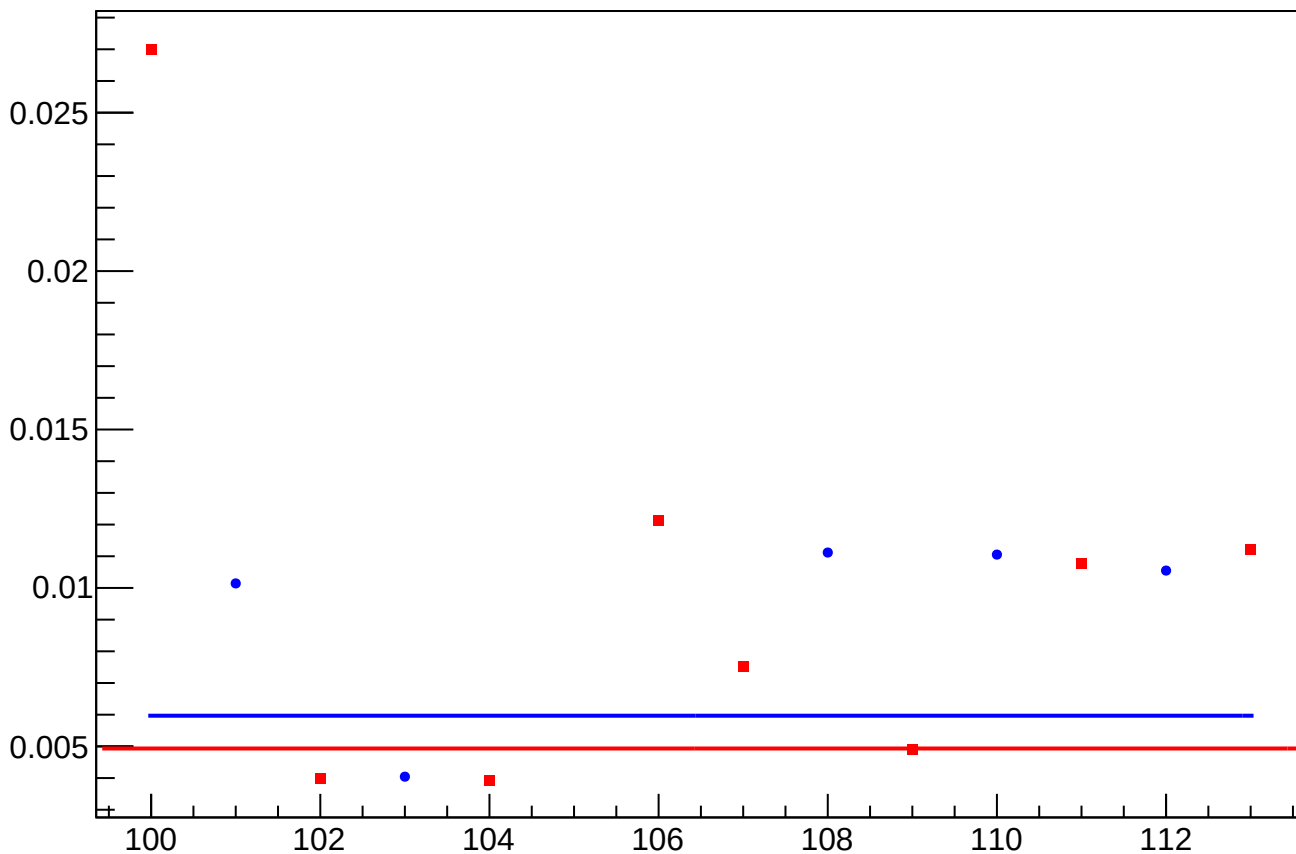
Right: 0.000+/-0.000 χ^2 /NDF: 12.0/12

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: 12.0/12

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 : 1067568.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

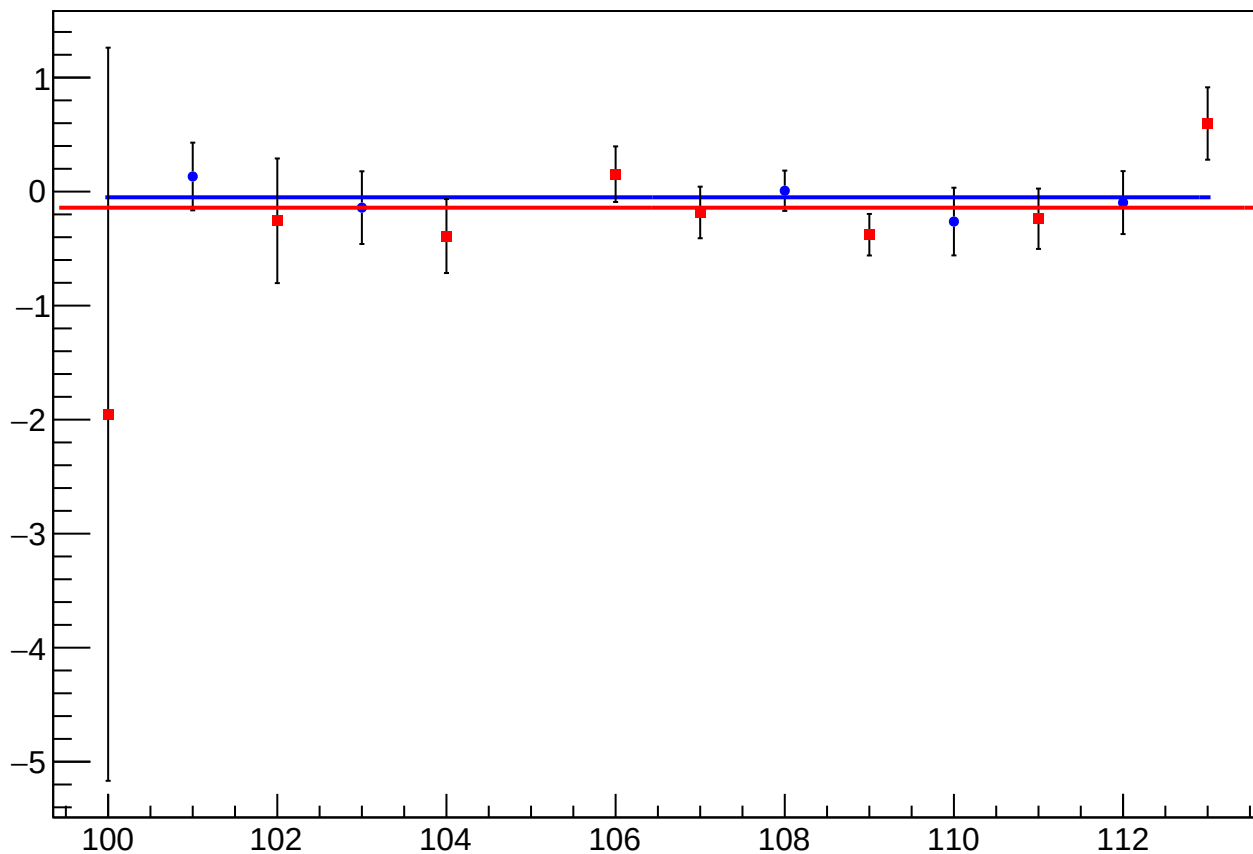
Right: 0.005+/-0.000 χ^2/NDF : 2087137.5/12

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 : 2087137.5/12

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: -0.141+/-0.098 χ^2 /NDF: 9.7/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

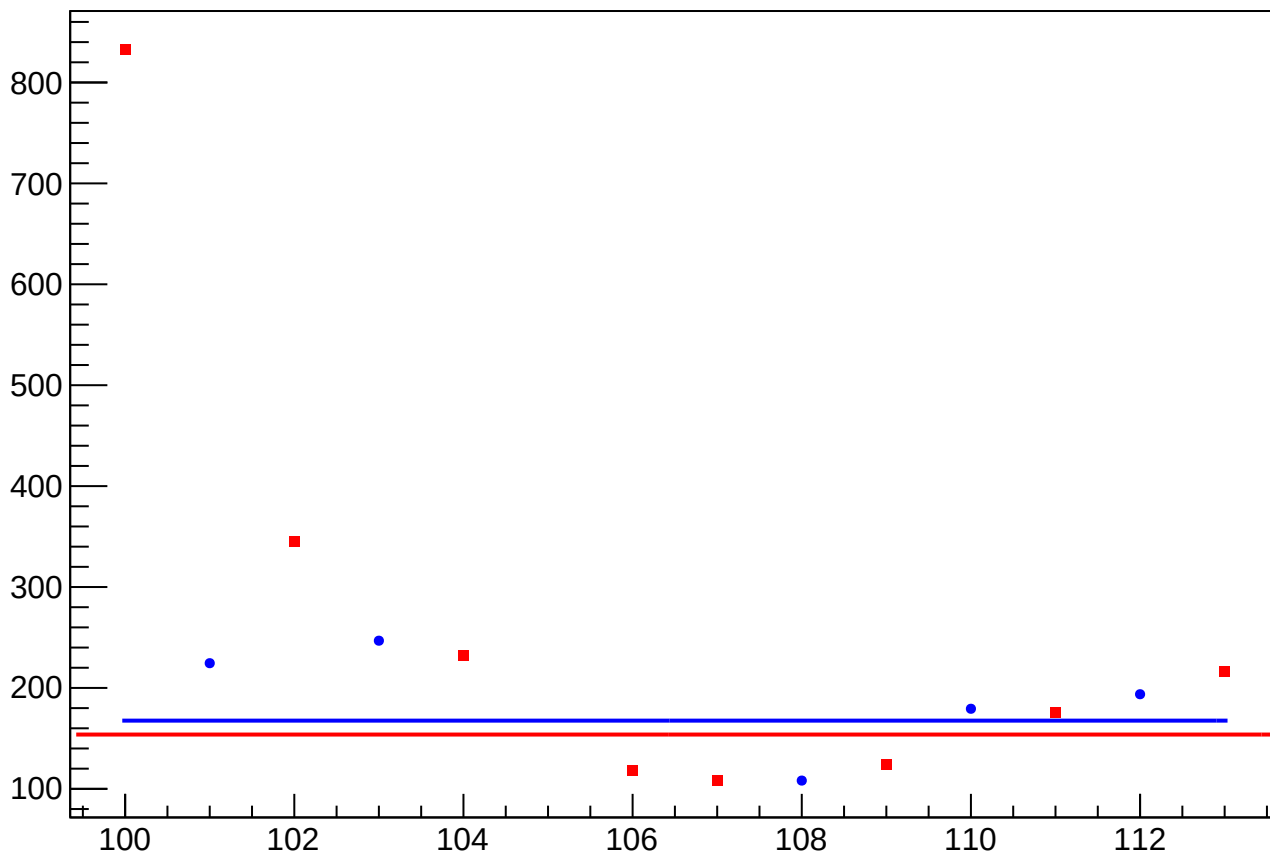
Right: -0.102+/-0.074 χ^2 /NDF: 11.1/12

In: -0.050+/-0.113 χ^2 /NDF:1.1/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.102+/-0.074 χ^2 /NDF: 11.1/12

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: 153.805+/-0.069 χ^2/NDF : 719950.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

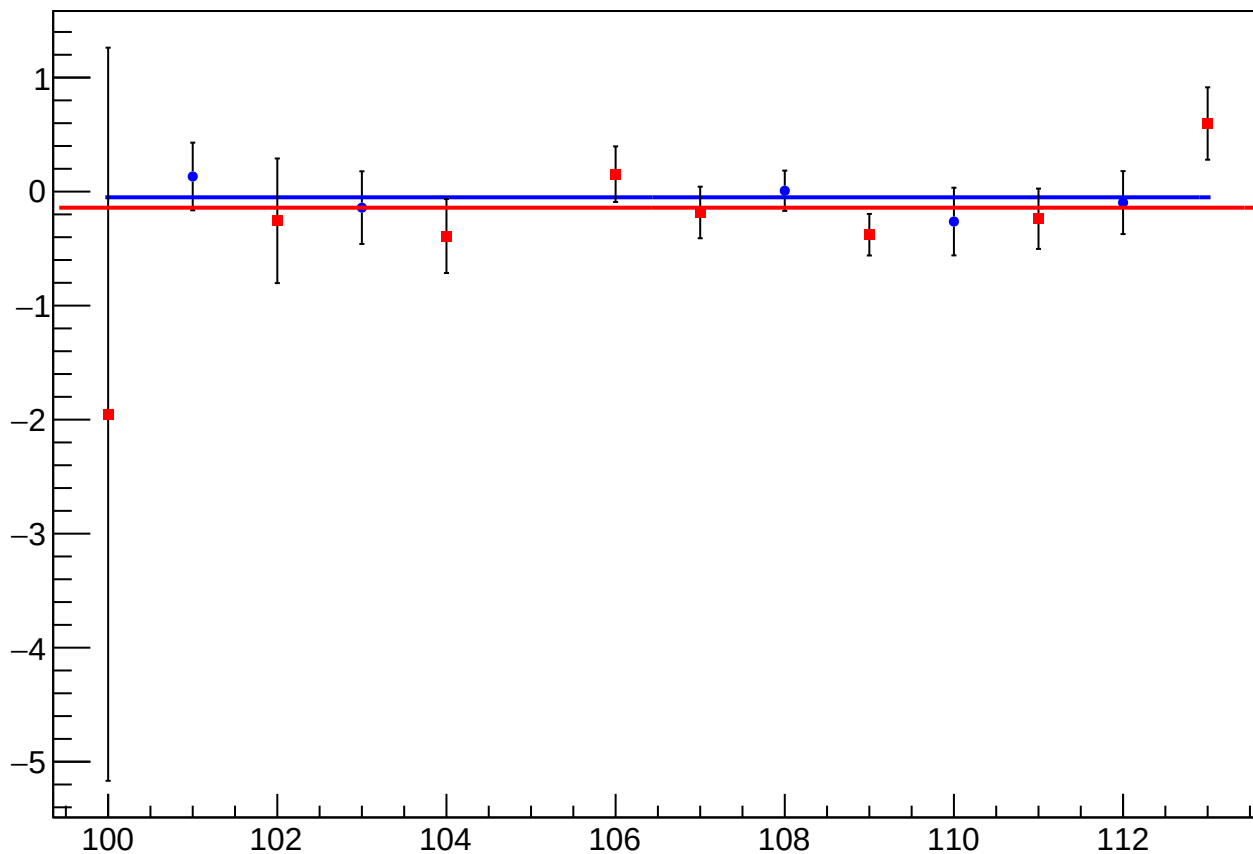
Right: 159.715+/-0.053 χ^2/NDF : 1181382.3/12

In: 167.597+/-0.080 χ^2/NDF : 444533.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.715+/-0.053 χ^2/NDF : 1181382.3/12

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: -0.141 ± 0.098 χ^2/NDF : 9.7/7

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

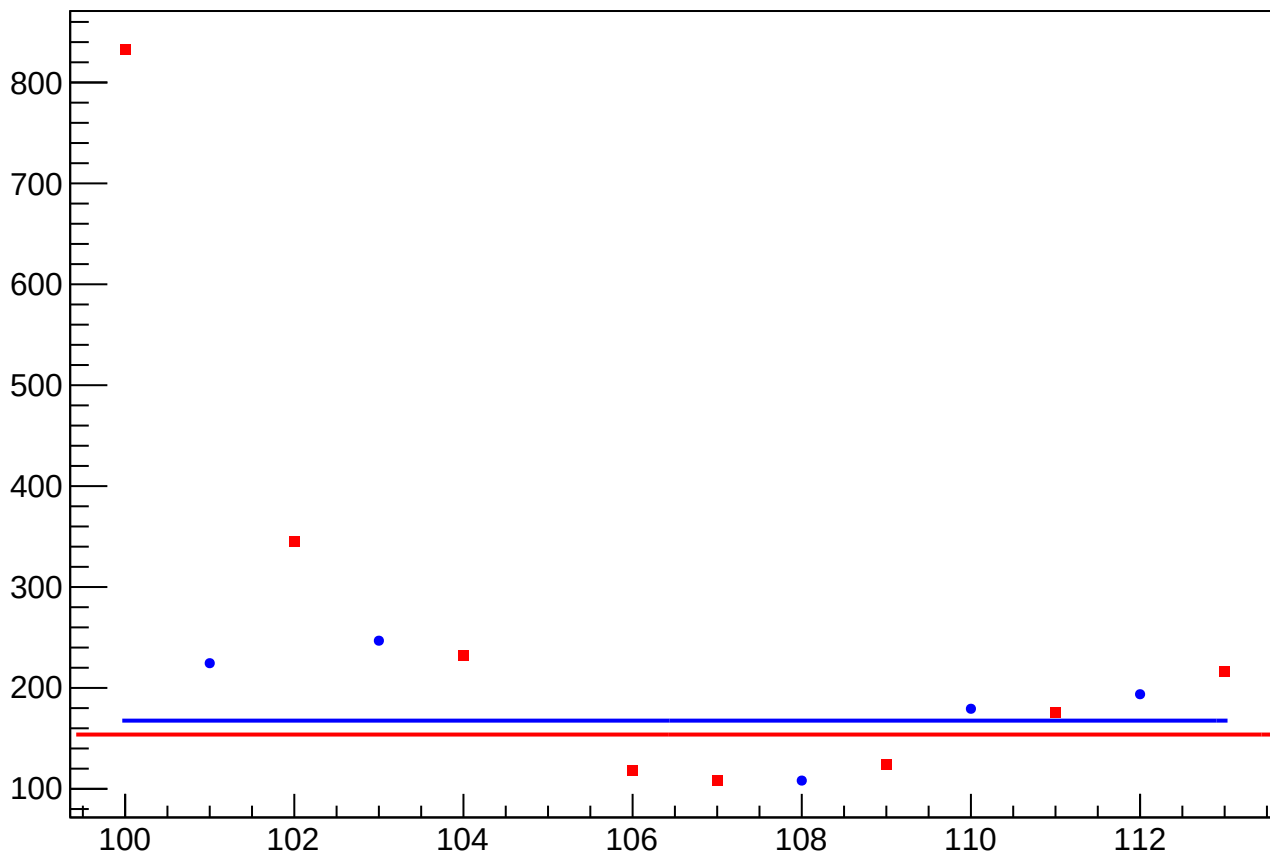
Right: -0.102 ± 0.074 χ^2/NDF : 11.1/12

In: -0.050 ± 0.113 χ^2/NDF : 1.1/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.102 ± 0.074 χ^2/NDF : 11.1/12

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: 153.805+/-0.069 χ^2/NDF : 719950.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

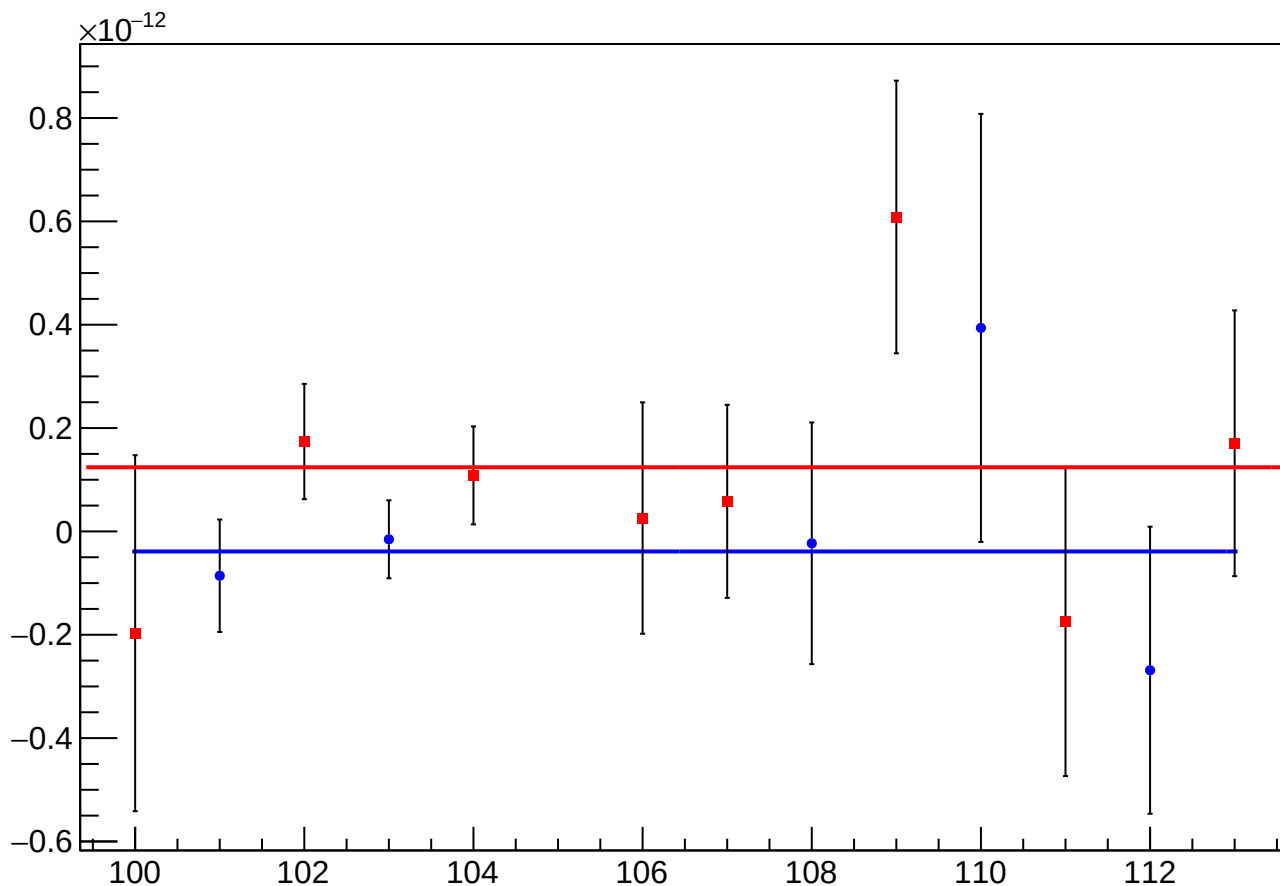
Right: 159.715+/-0.053 χ^2/NDF : 1181382.3/12

In: 167.597+/-0.080 χ^2/NDF : 444533.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.715+/-0.053 χ^2/NDF : 1181382.3/12

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 : 5.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

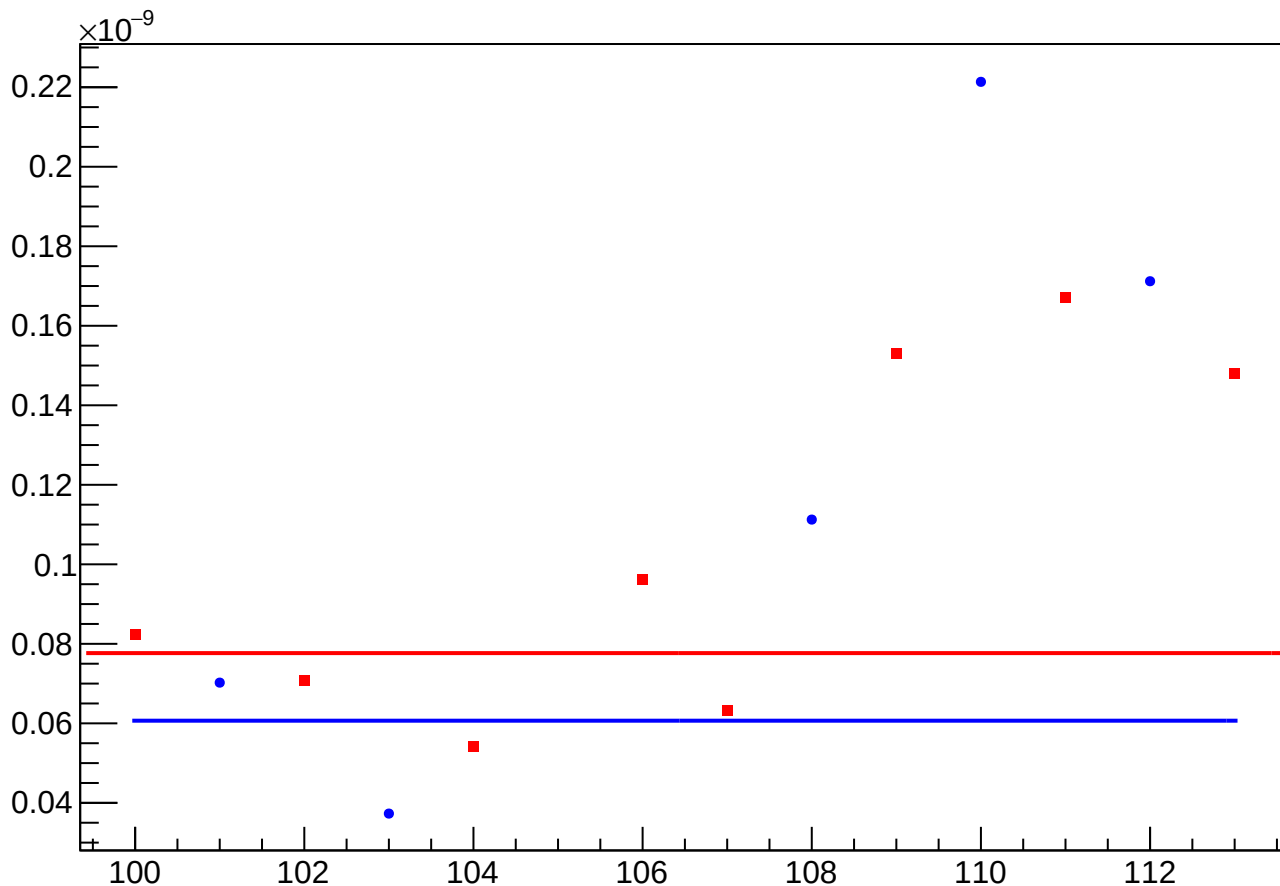
Right: 0.000+/-0.000 χ^2/NDF : 11.8/12

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 : 11.8/12

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 : 648148.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

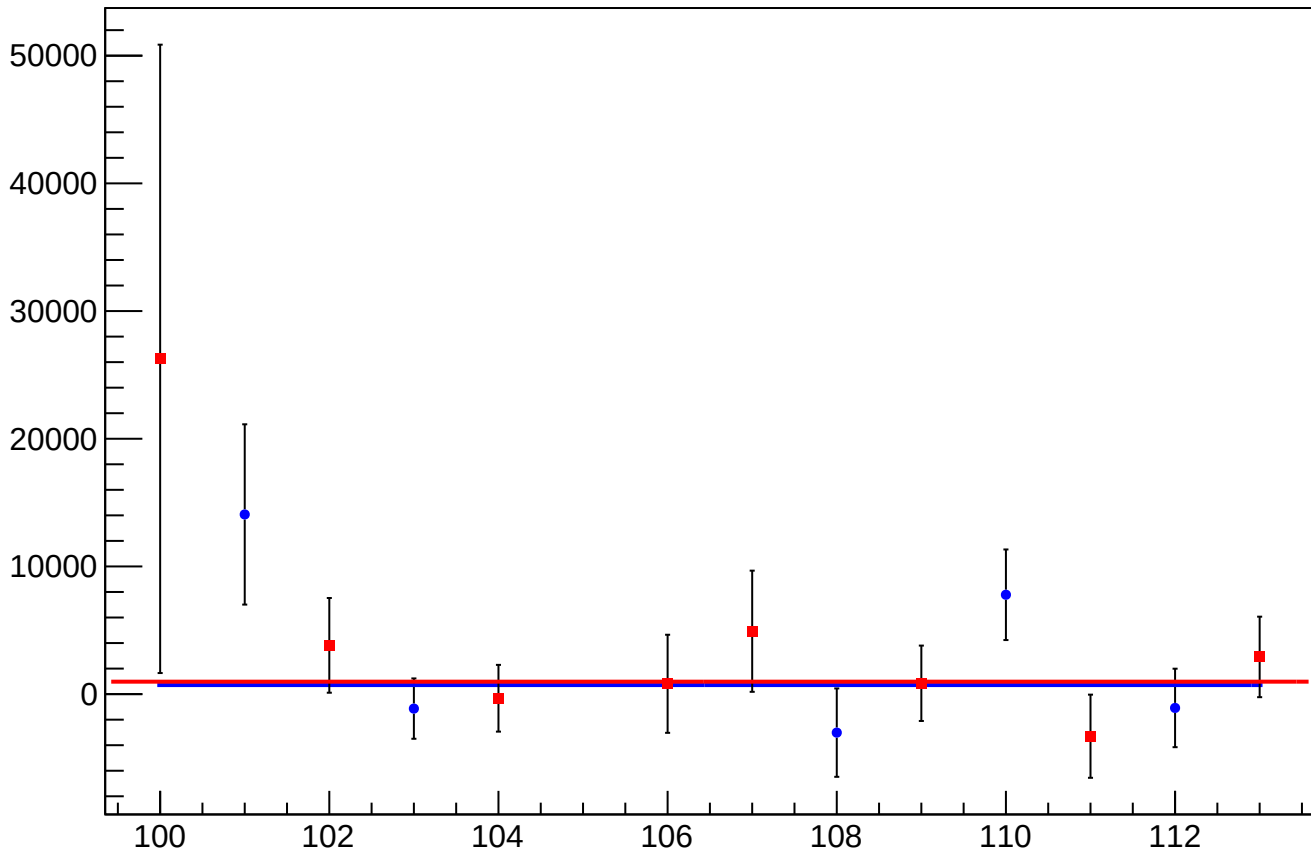
Right: 0.000+/-0.000 χ^2/NDF : 1651373.4/12

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 : 1651373.4/12

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: 976.041+/-1247.434 χ^2/NDF : 4.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

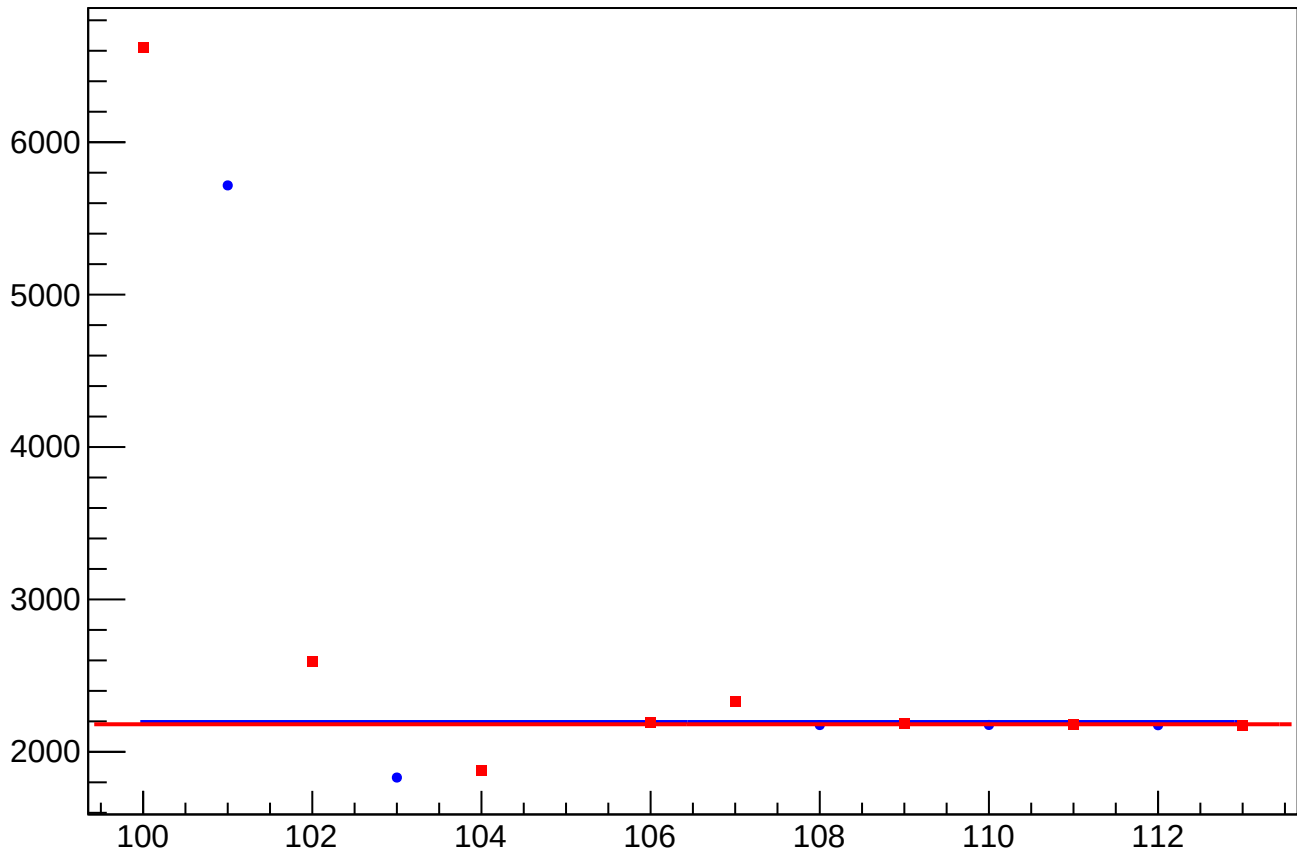
Right: 863.488+/-948.879 χ^2/NDF : 14.4/12

In: 708.941+/-1461.739 χ^2/NDF : 9.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 863.488+/-948.879 χ^2/NDF : 14.4/12

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: 2181.010+/-0.882 χ^2/NDF : 118460.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

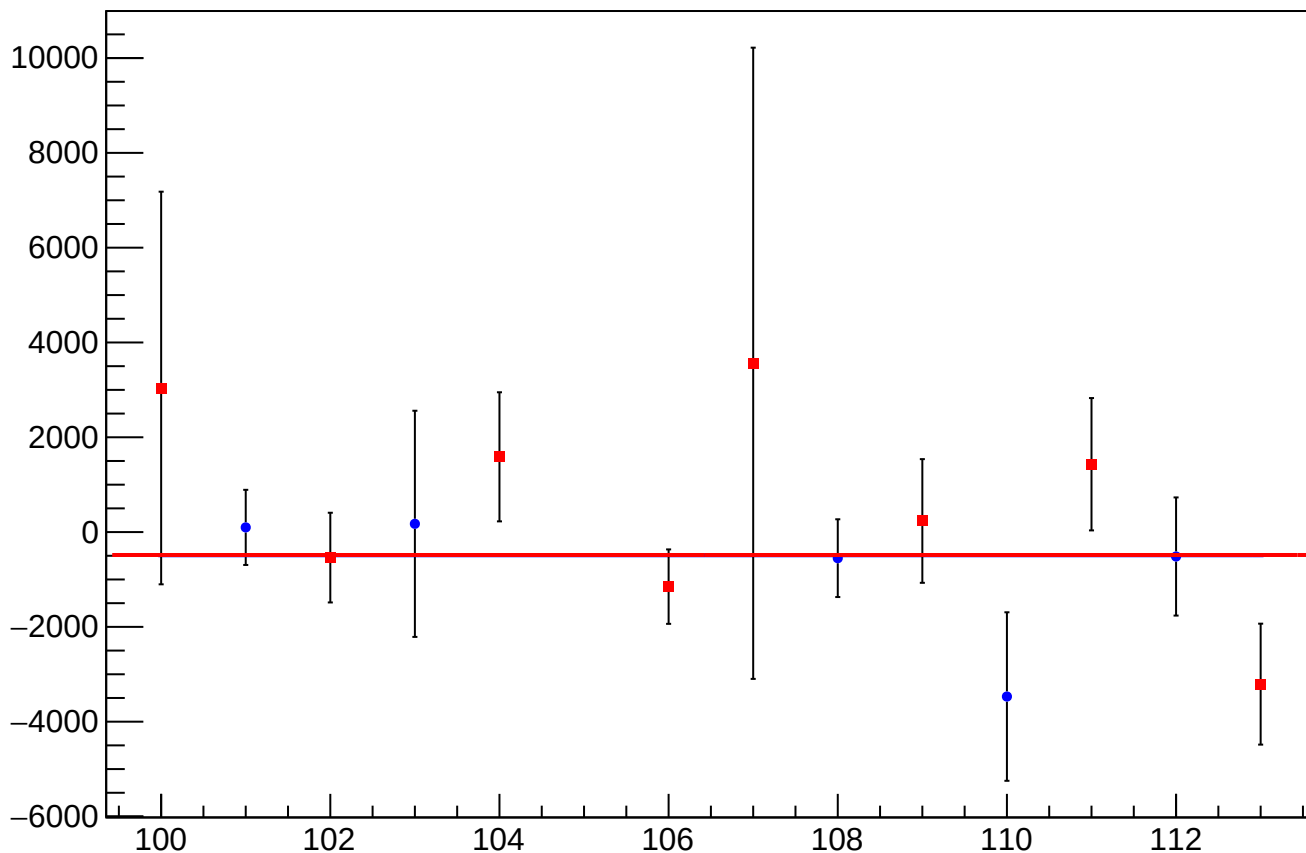
Right: 2187.175+/-0.671 χ^2/NDF : 663812.0/12

In: 2195.640+/-1.034 χ^2/NDF : 545236.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2187.175+/-0.671 χ^2/NDF : 663812.0/12

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: -483.437+/-443.973 χ^2/NDF : 10.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

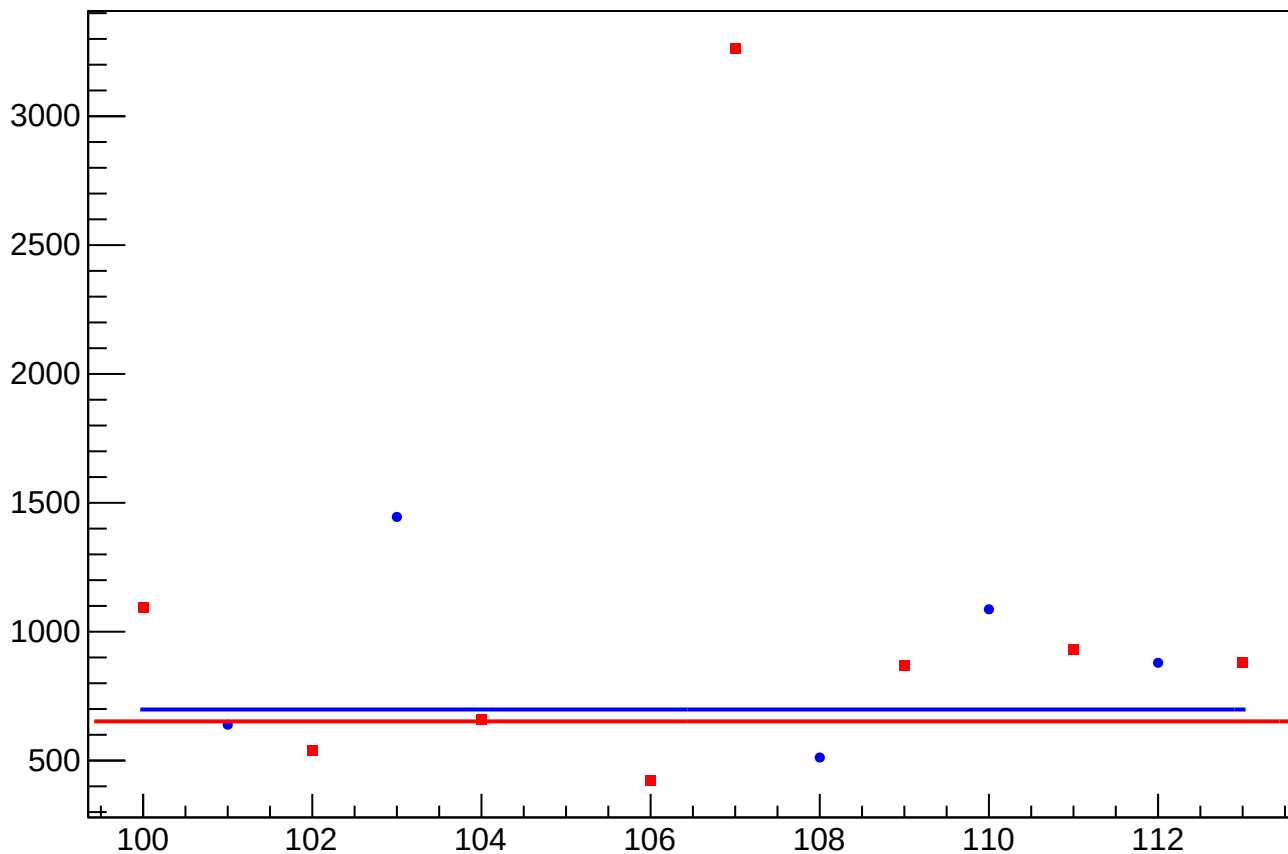
Right: -485.878+/-328.142 χ^2/NDF : 14.3/12

In: -488.816+/-487.153 χ^2/NDF : 3.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -485.878+/-328.142 χ^2/NDF : 14.3/12

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: 652.048+/-0.314 χ^2/NDF : 728833.2/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

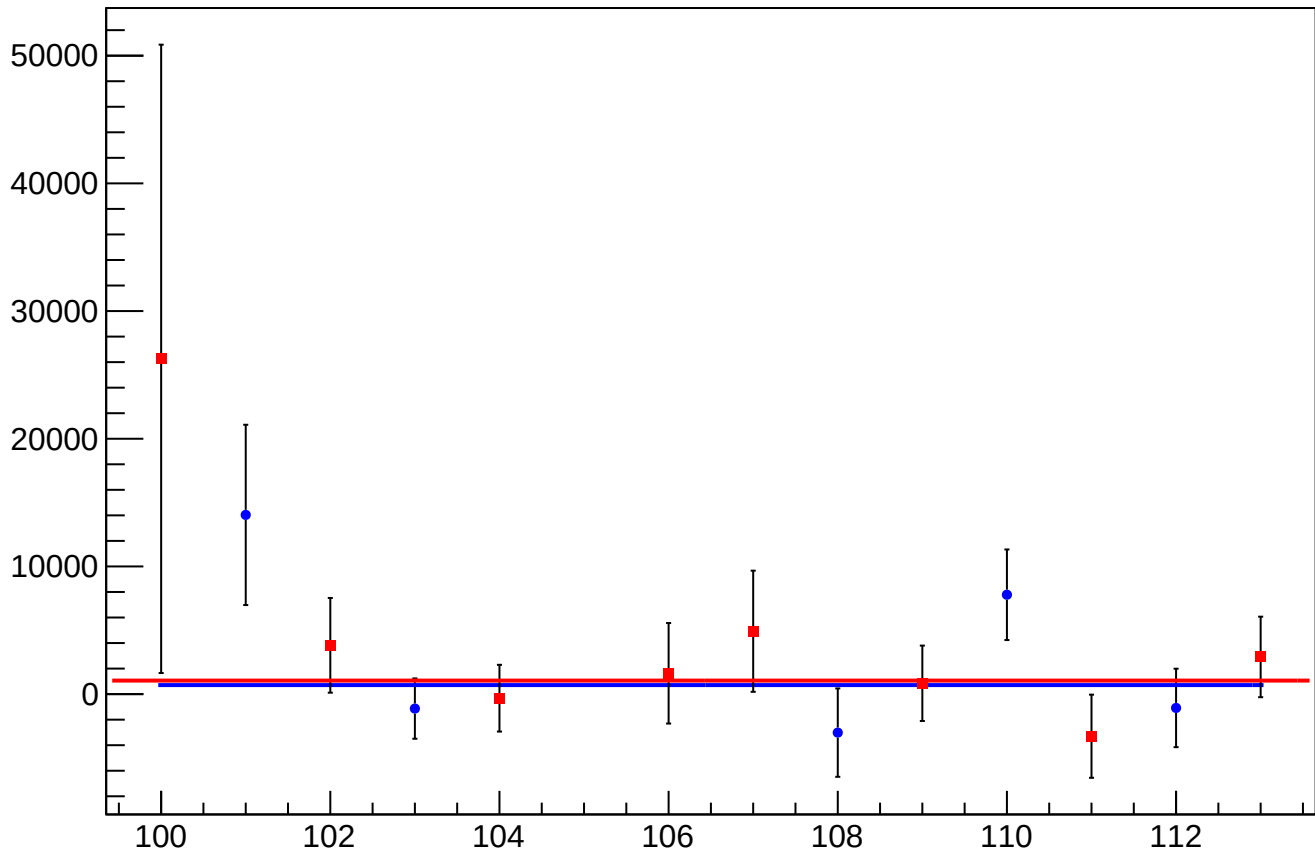
Right: 672.978+/-0.232 χ^2/NDF : 1186999.9/12

In: 698.178+/-0.344 χ^2/NDF :448369.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 672.978+/-0.232 χ^2/NDF : 1186999.9/12

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: 1060.963+/-1250.591 χ^2/NDF : 4.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

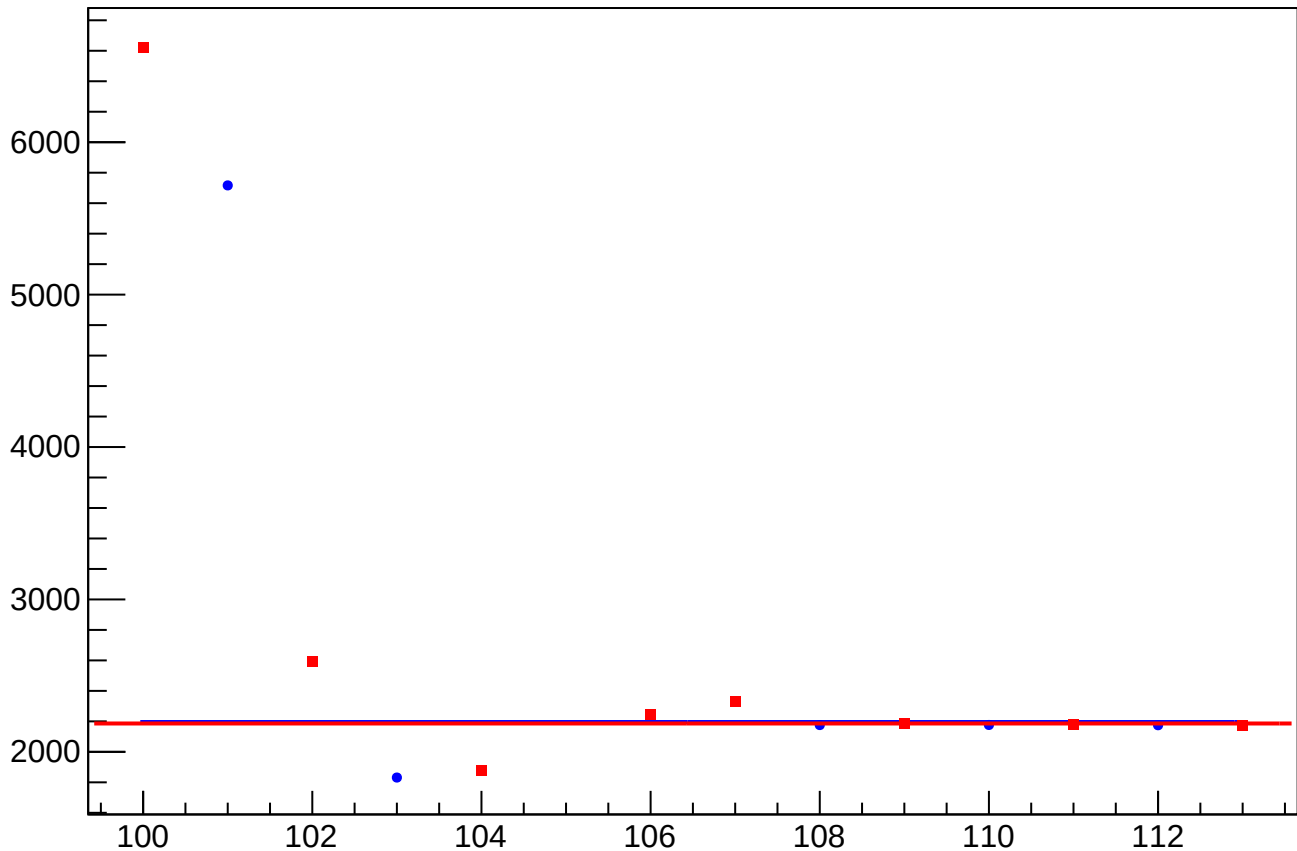
Right: 911.763+/-950.267 χ^2/NDF : 14.4/12

In: 707.928+/-1461.740 χ^2/NDF : 9.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 911.763+/-950.267 χ^2/NDF : 14.4/12

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: 2186.077+/-0.884 χ^2/NDF : 118910.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

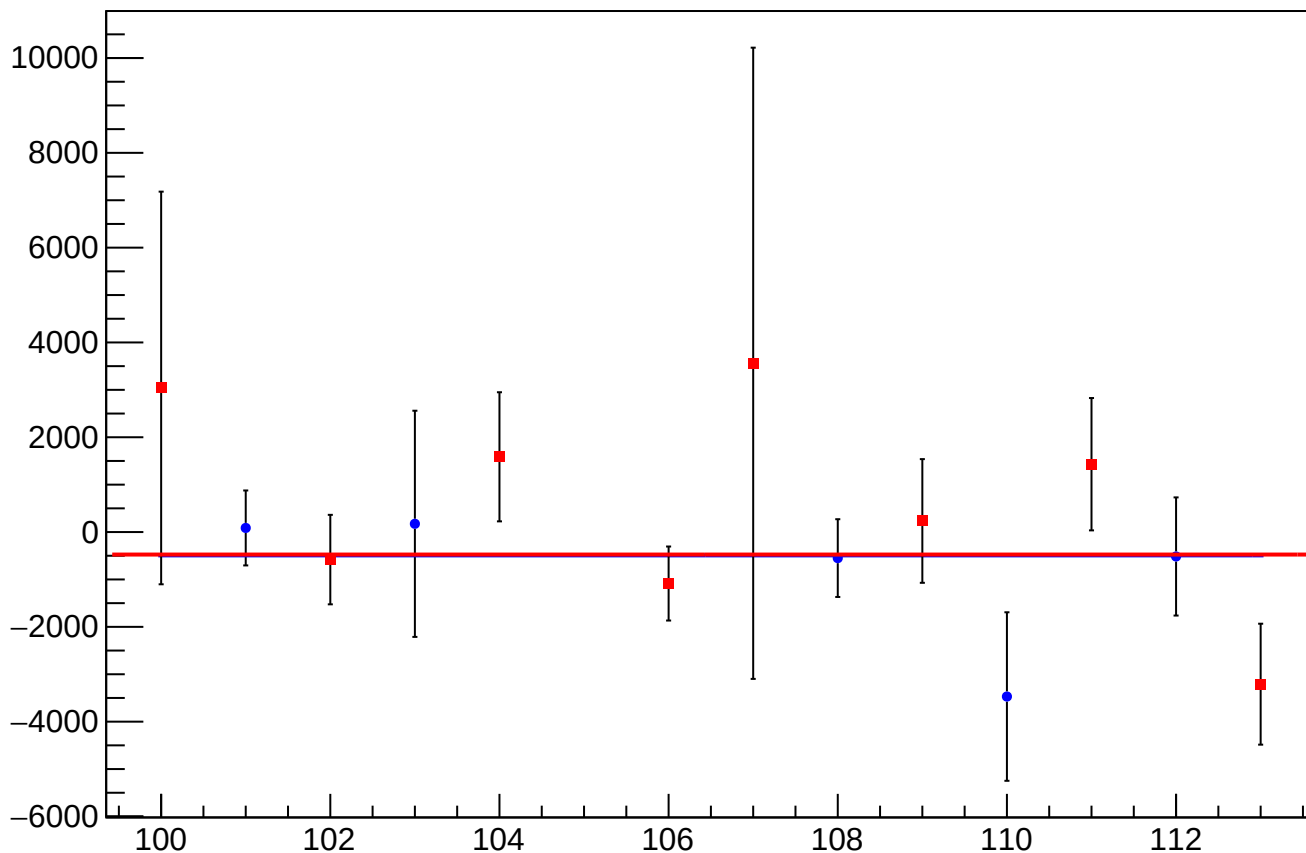
Right: 2190.118+/-0.672 χ^2/NDF : 664195.9/12

In: 2195.639+/-1.034 χ^2/NDF : 545236.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2190.118+/-0.672 χ^2/NDF : 664195.9/12

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: -474.747+/-442.917 χ^2/NDF : 10.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

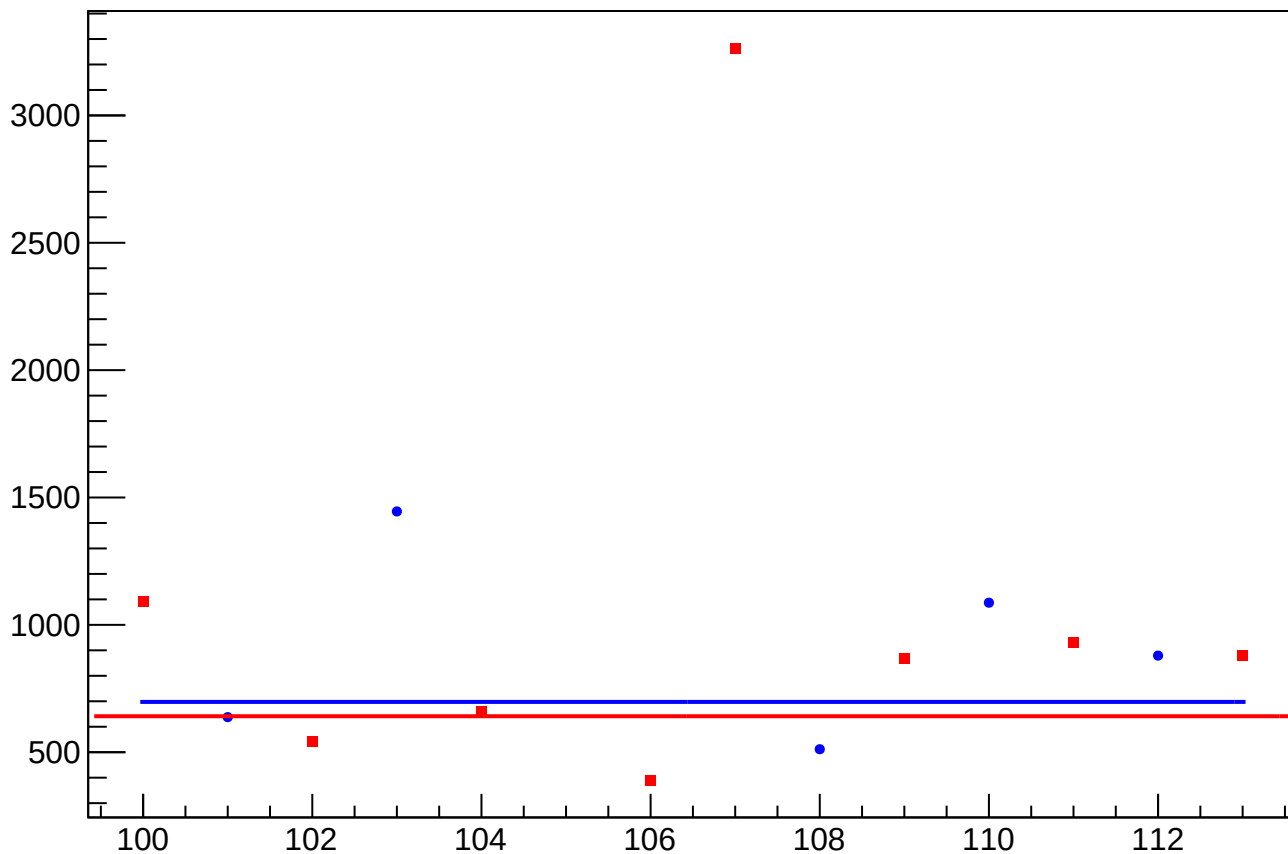
Right: -482.566+/-327.570 χ^2/NDF : 14.2/12

In: -492.006+/-486.677 χ^2/NDF : 3.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -482.566+/-327.570 χ^2/NDF : 14.2/12

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: 641.256+/-0.313 χ^2/NDF : 782126.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

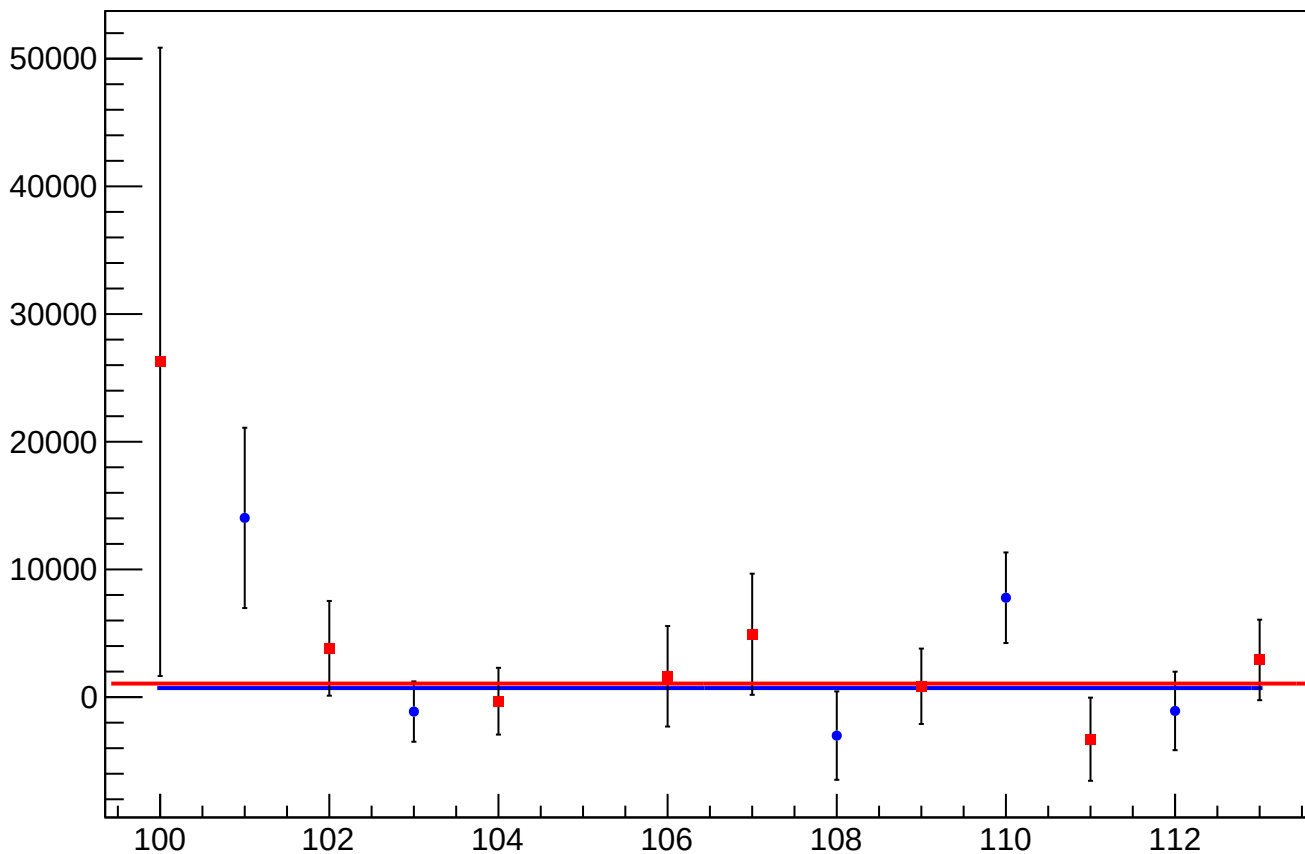
Right: 666.742+/-0.232 χ^2/NDF : 1245746.2/12

In: 697.513+/-0.344 χ^2/NDF : 449002.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 666.742+/-0.232 χ^2/NDF : 1245746.2/12

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: 1060.963+/-1250.591 χ^2/NDF : 4.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

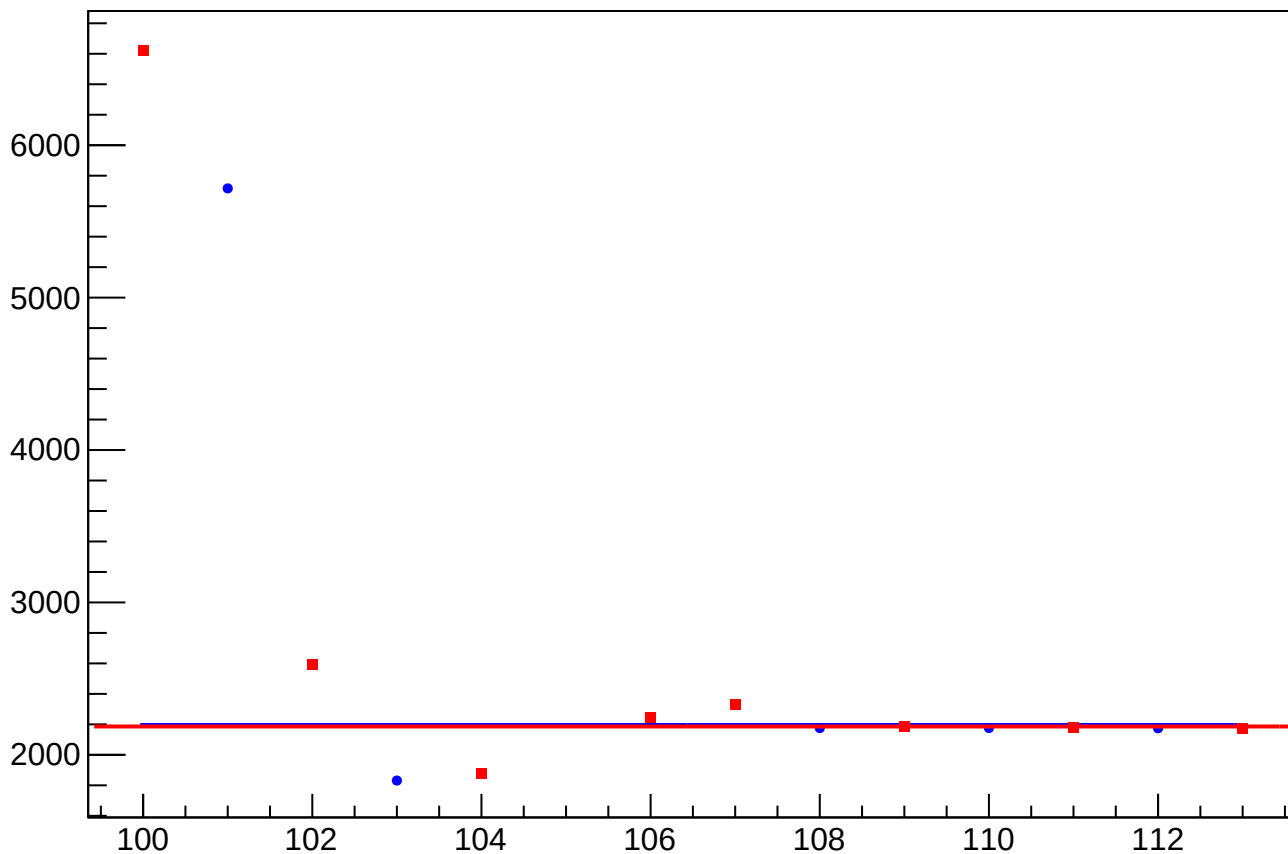
Right: 911.763+/-950.267 χ^2/NDF : 14.4/12

In: 707.928+/-1461.740 χ^2/NDF : 9.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 911.763+/-950.267 χ^2/NDF : 14.4/12

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: 2186.077+/-0.884 χ^2/NDF : 118910.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

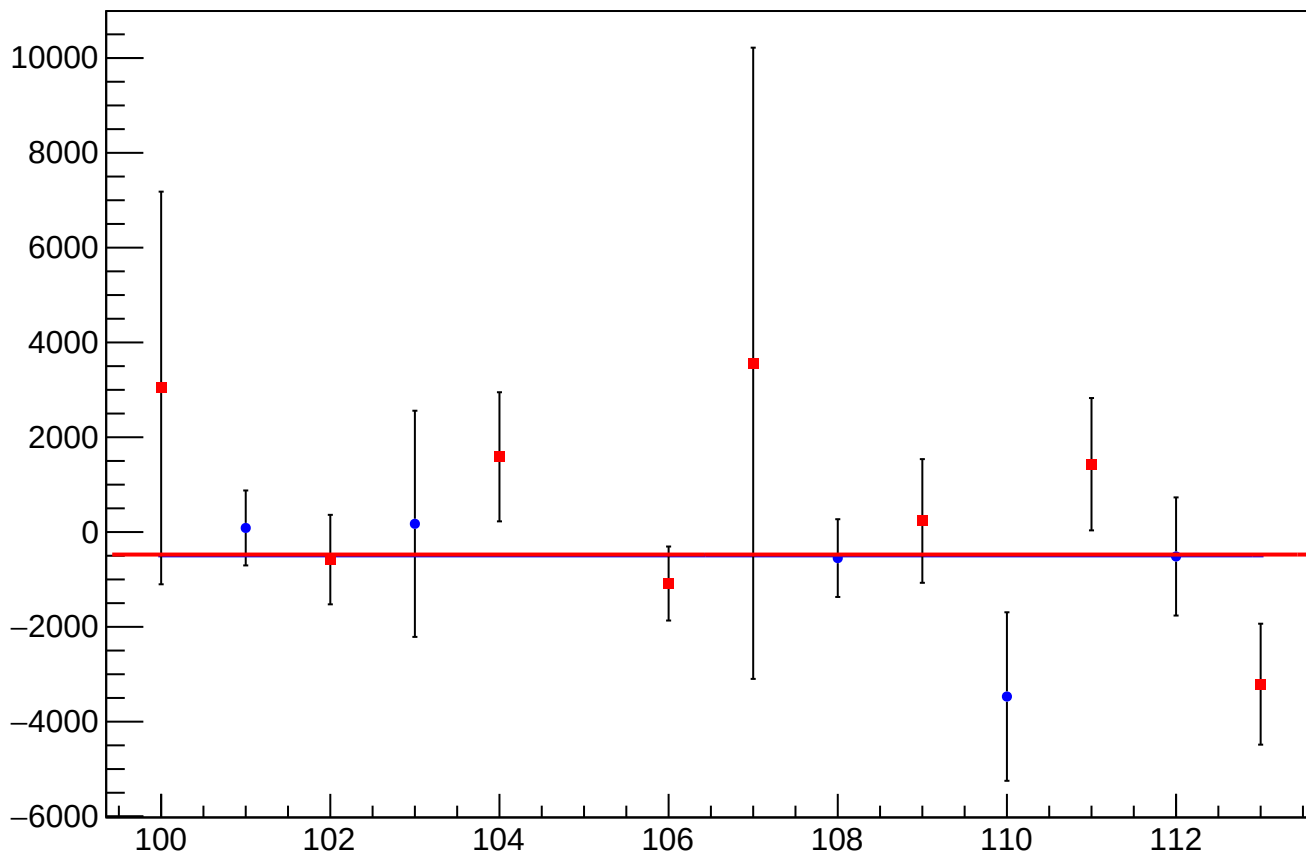
Right: 2190.118+/-0.672 χ^2/NDF : 664195.9/12

In: 2195.639+/-1.034 χ^2/NDF : 545236.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2190.118+/-0.672 χ^2/NDF : 664195.9/12

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: -474.747+/-442.917 χ^2/NDF : 10.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

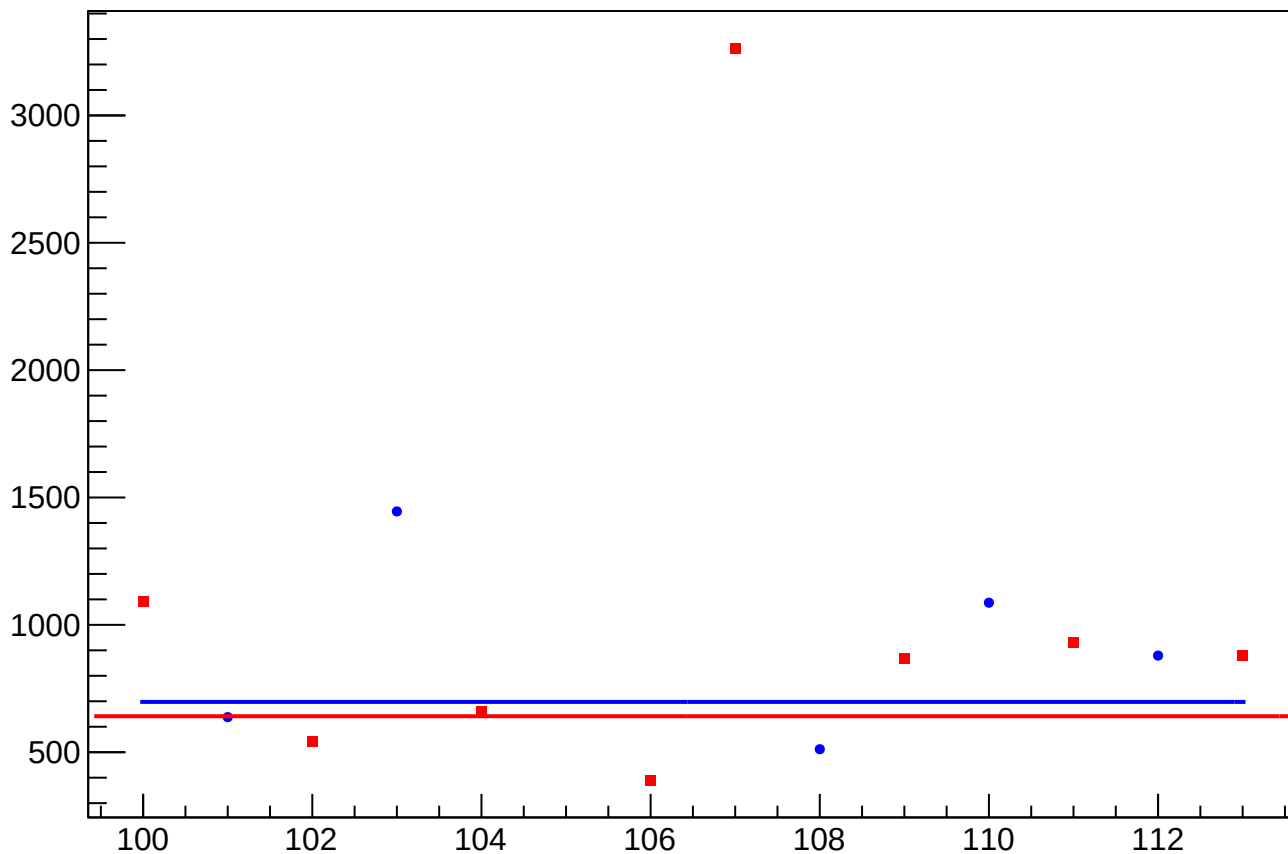
Right: -482.566+/-327.570 χ^2/NDF : 14.2/12

In: -492.006+/-486.677 χ^2/NDF : 3.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -482.566+/-327.570 χ^2/NDF : 14.2/12

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: 641.256+/-0.313 χ^2/NDF : 782126.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

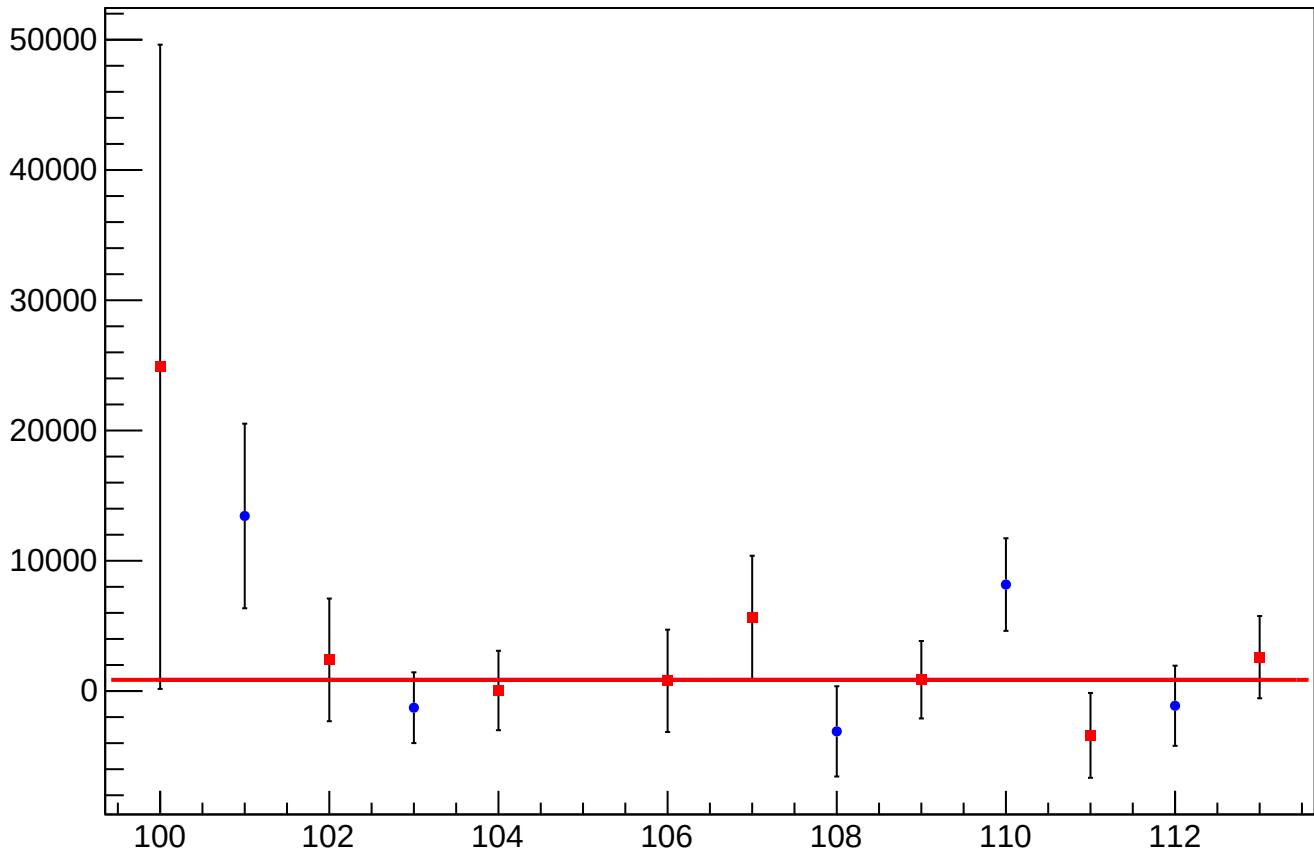
Right: 666.742+/-0.232 χ^2/NDF : 1245746.2/12

In: 697.513+/-0.344 χ^2/NDF : 449002.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 666.742+/-0.232 χ^2/NDF : 1245746.2/12

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: 858.523+/-1323.431 χ^2/NDF : 4.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

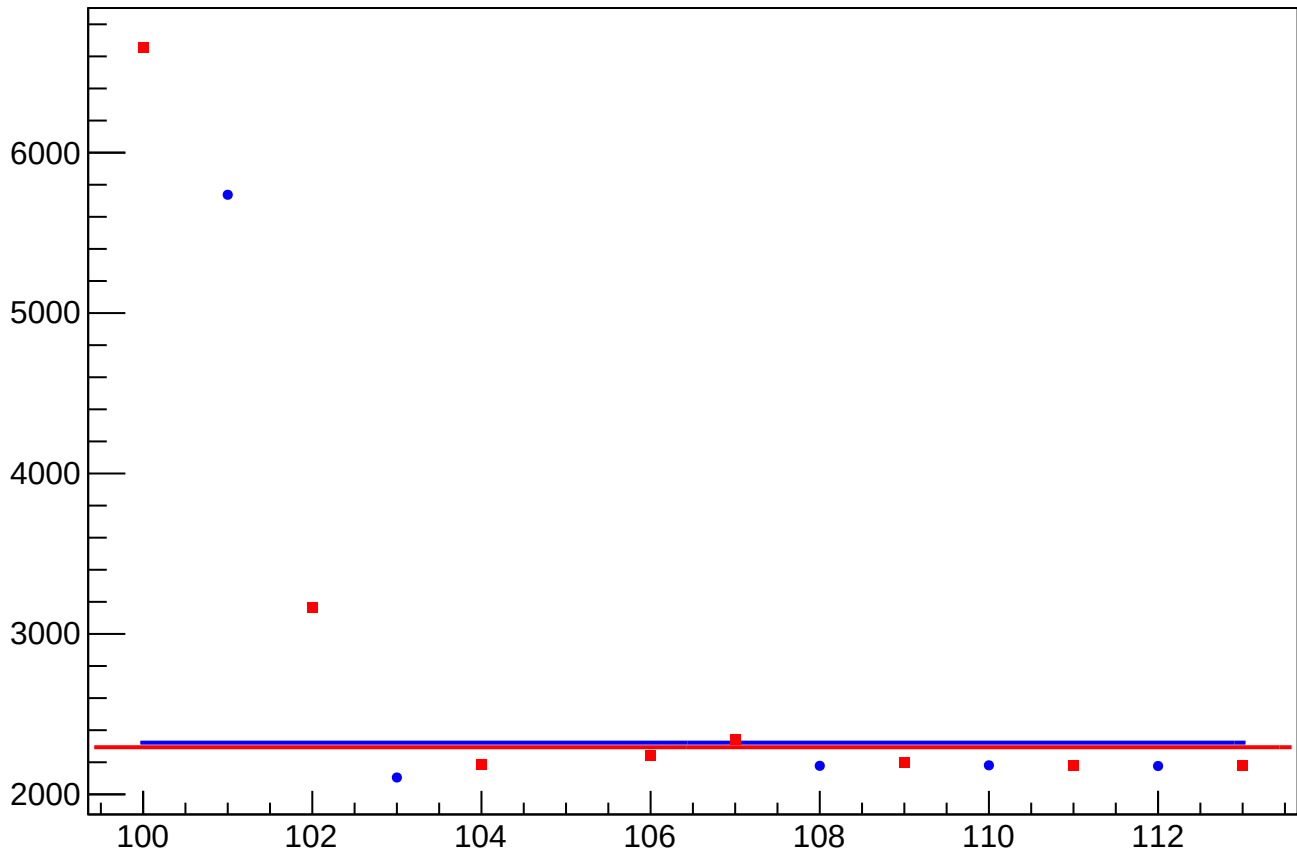
Right: 858.923+/-1002.775 χ^2/NDF : 13.9/12

In: 859.461+/-1536.601 χ^2/NDF : 9.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 858.923+/-1002.775 χ^2/NDF : 13.9/12

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: 2293.751+/-0.936 χ^2/NDF : 140801.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

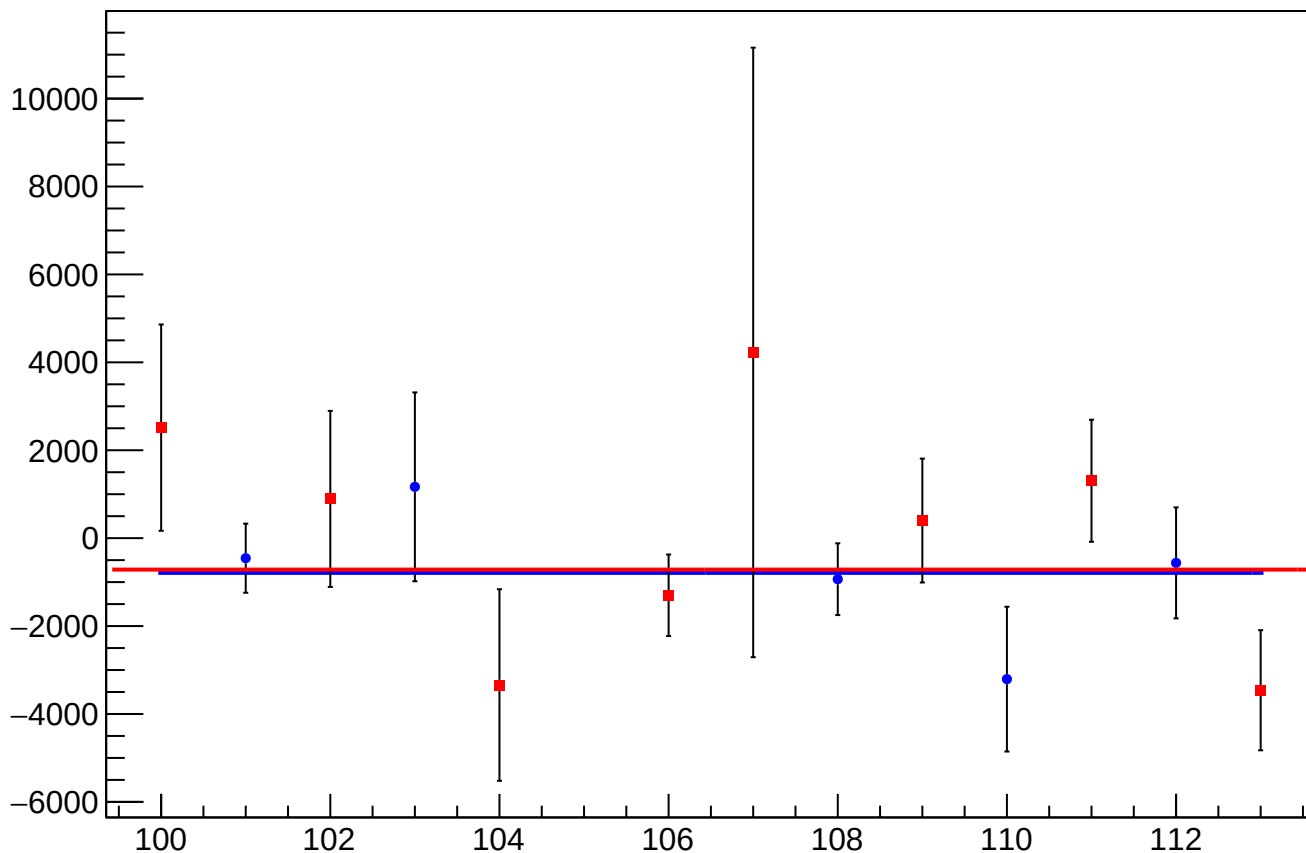
Right: 2305.916+/-0.709 χ^2/NDF : 629645.5/12

In: 2322.316+/-1.087 χ^2/NDF : 488447.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2305.916+/-0.709 χ^2/NDF : 629645.5/12

asym_at1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -789.684 +/- 480.356 χ^2/NDF : 3.2/4

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

Right Out: -715.342 +/- 543.752 χ^2/NDF : 11.7/7

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

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

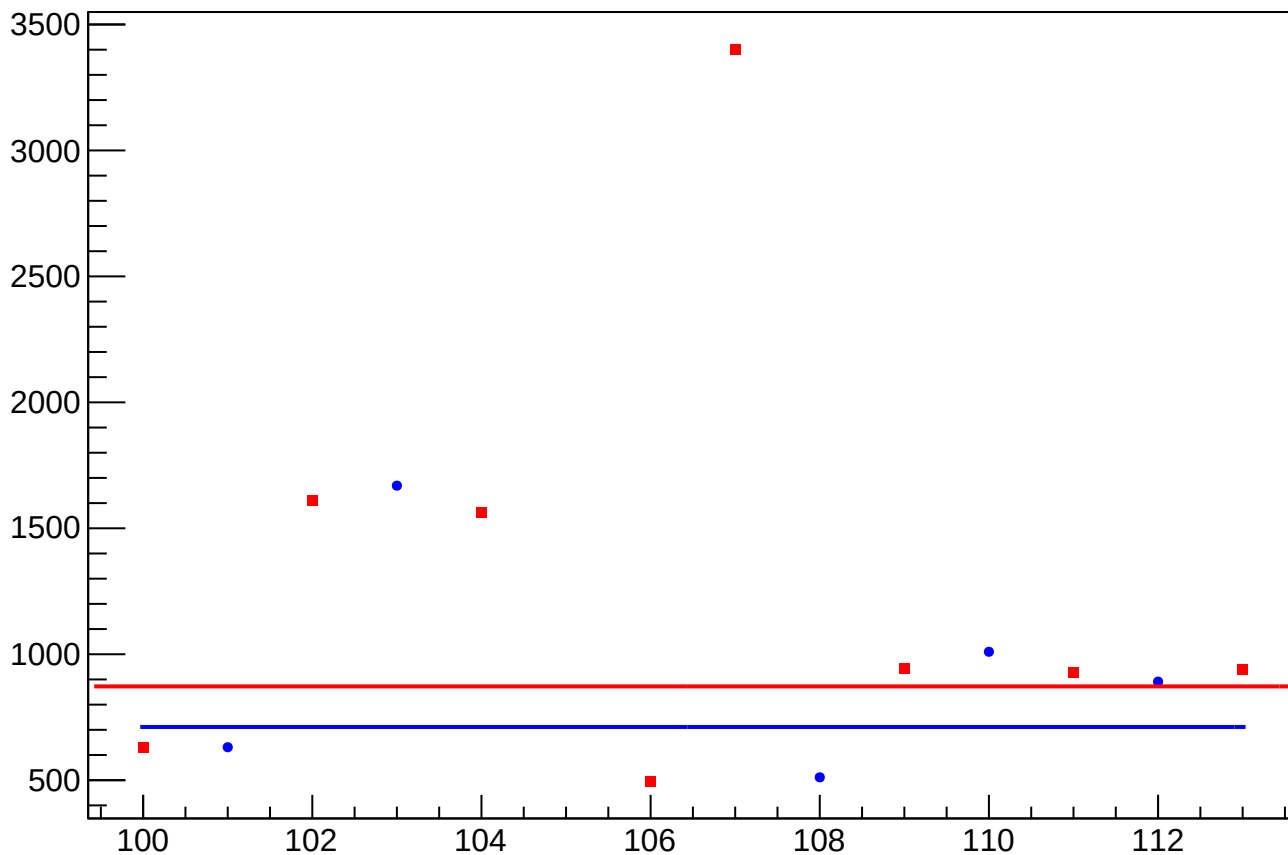
Right: -757.097 +/- 360.000 χ^2/NDF : 14.9/12

In: -789.684 +/- 480.356 χ^2/NDF : 3.2/4

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -757.097 +/- 360.000 χ^2/NDF : 14.9/12

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: 872.355+/-0.384 χ^2/NDF : 1104027.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

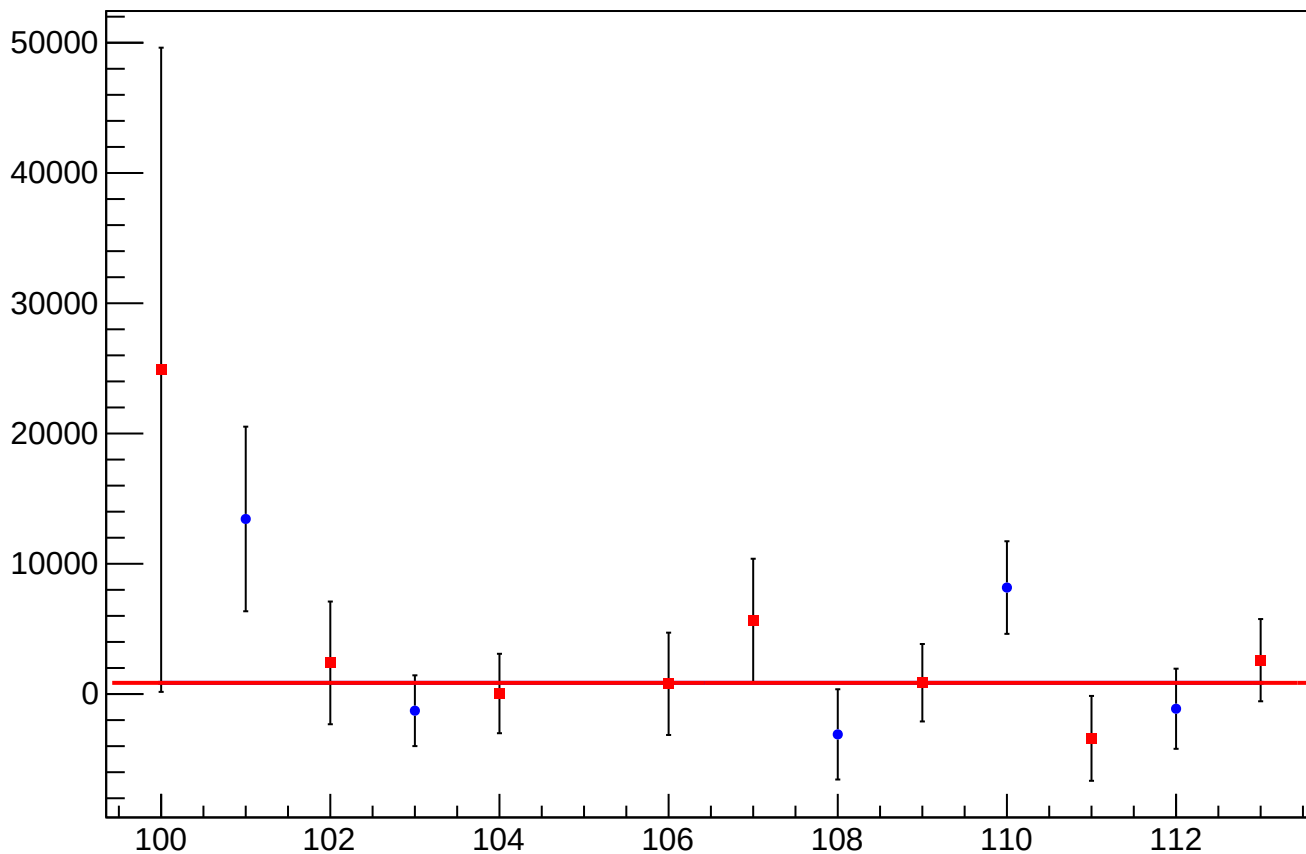
Right: 781.915+/-0.255 χ^2/NDF : 1847576.1/12

In: 711.335+/-0.340 χ^2/NDF : 645042.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 781.915+/-0.255 χ^2/NDF : 1847576.1/12

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: 858.519+/-1323.430 χ^2/NDF : 4.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

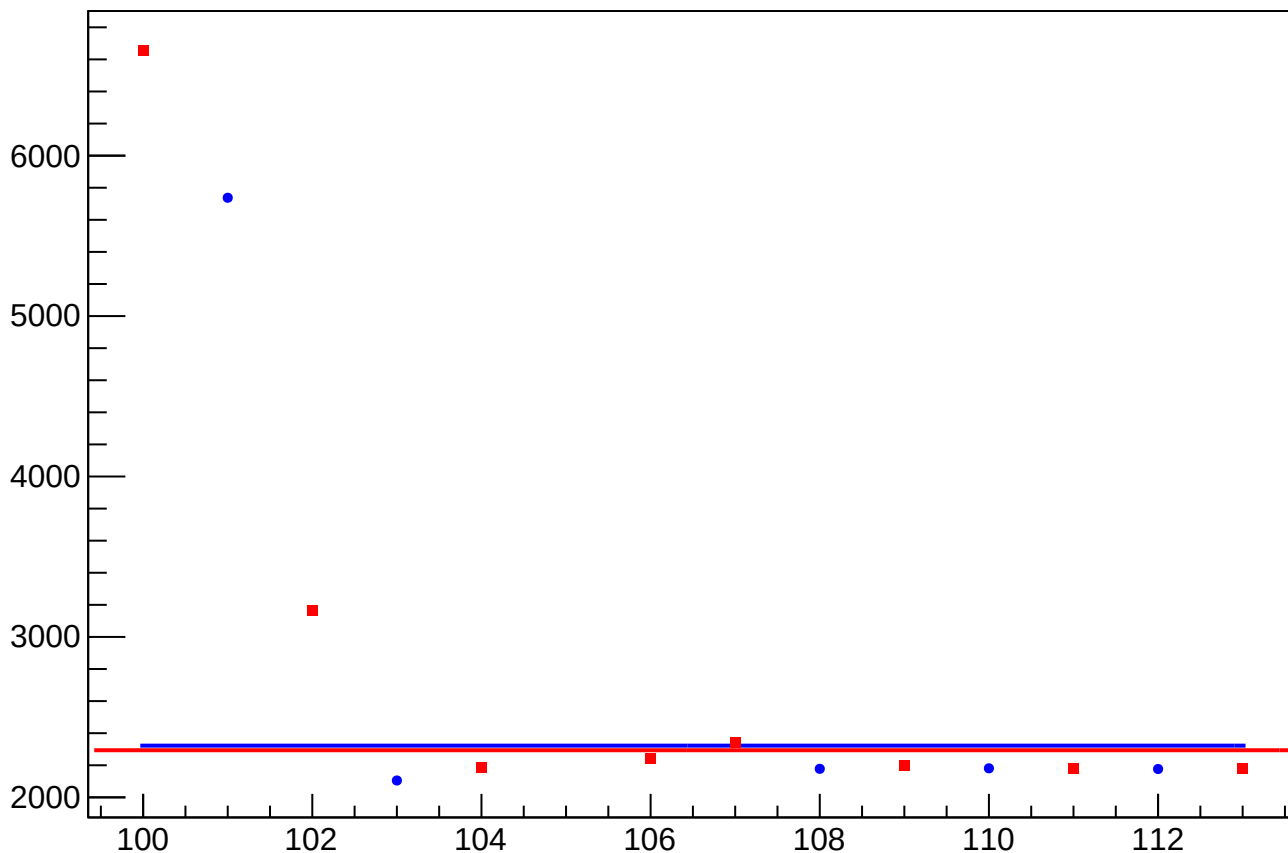
Right: 858.919+/-1002.774 χ^2/NDF : 13.9/12

In: 859.458+/-1536.600 χ^2/NDF : 9.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 858.919+/-1002.774 χ^2/NDF : 13.9/12

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: 2293.749+/-0.936 χ^2/NDF : 140800.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

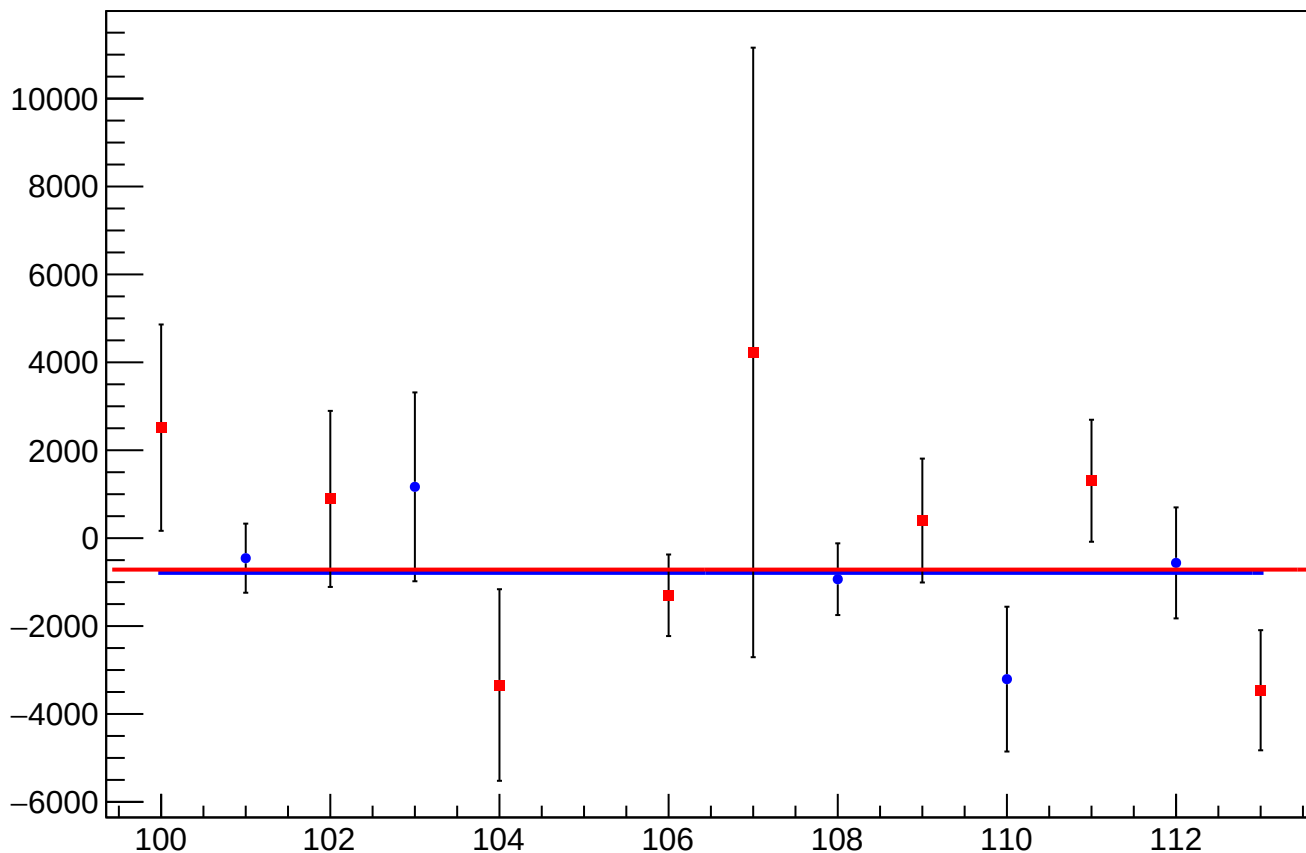
Right: 2305.914+/-0.709 χ^2/NDF : 629645.4/12

In: 2322.314+/-1.087 χ^2/NDF : 488447.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2305.914+/-0.709 χ^2/NDF : 629645.4/12

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: -715.343+/-543.752 χ^2/NDF : 11.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

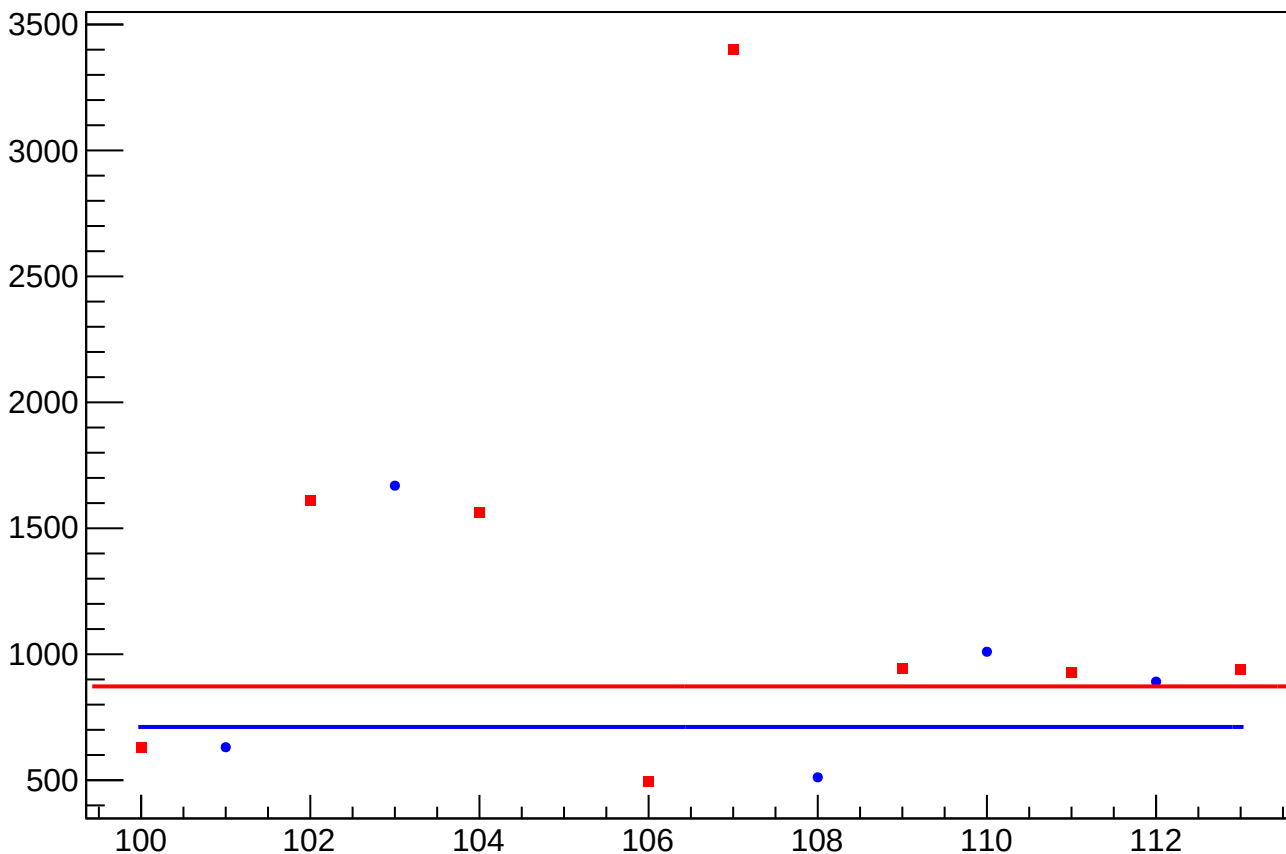
Right: -757.097+/-360.000 χ^2/NDF : 14.9/12

In: -789.682+/-480.356 χ^2/NDF : 3.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -757.097+/-360.000 χ^2/NDF : 14.9/12

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: 872.354+/-0.384 χ^2/NDF : 1104032.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

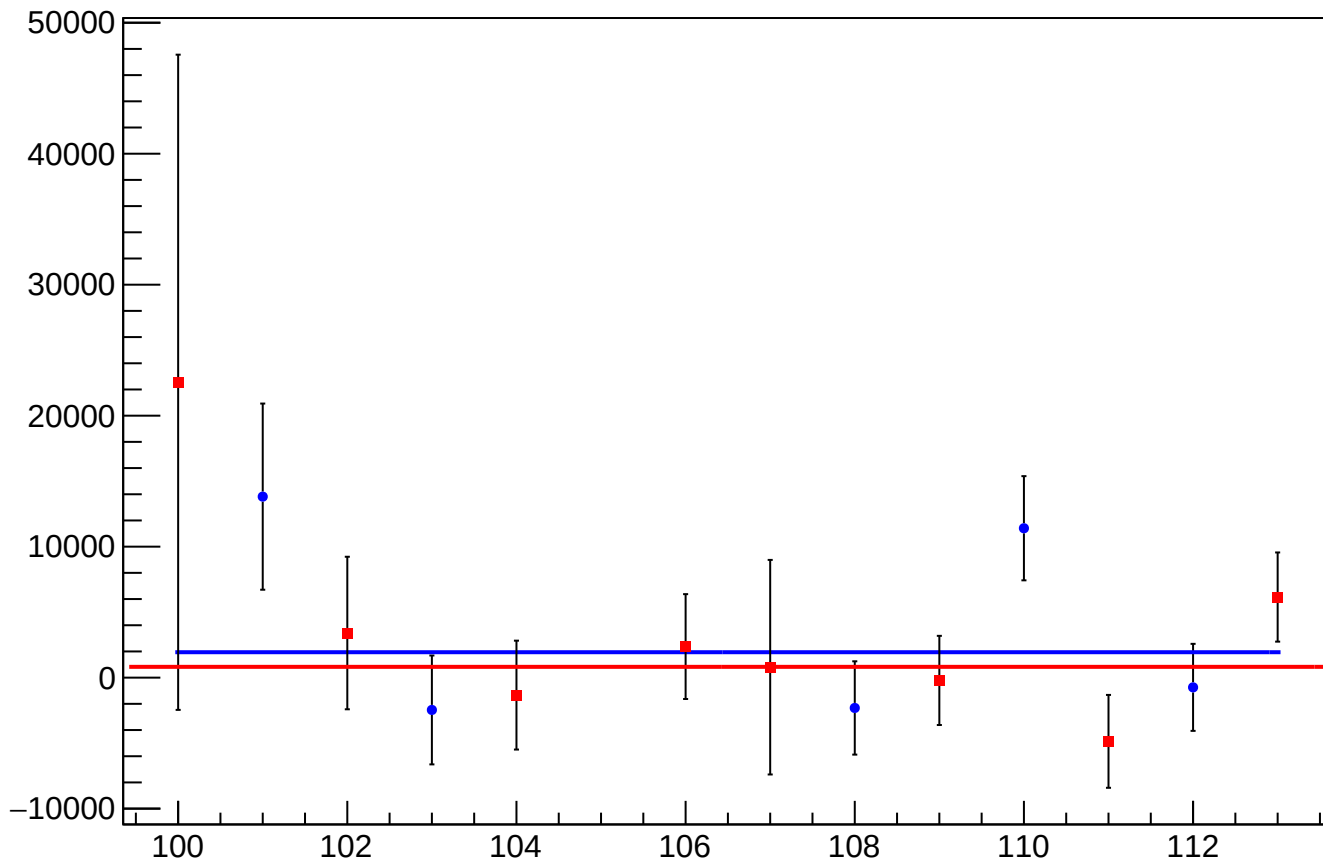
Right: 781.915+/-0.255 χ^2/NDF : 1847584.5/12

In: 711.334+/-0.340 χ^2/NDF : 645045.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 781.915+/-0.255 χ^2/NDF : 1847584.5/12

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: 824.465+/-1545.855 χ^2/NDF : 6.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

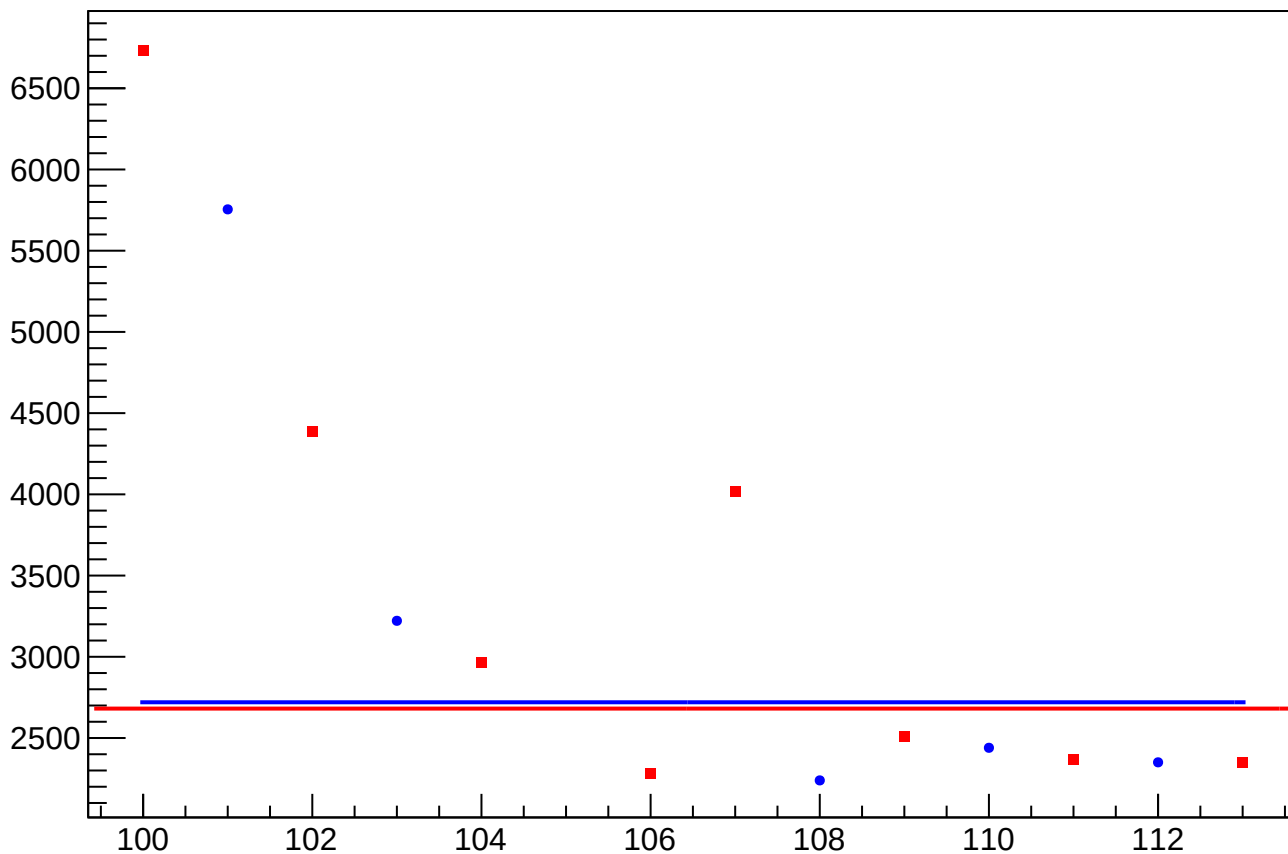
Right: 1299.844+/-1171.351 χ^2/NDF : 18.4/12

In: 1940.808+/-1795.007 χ^2/NDF : 11.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1299.844+/-1171.351 χ^2/NDF : 18.4/12

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: 2681.118+/-1.093 χ^2/NDF : 345798.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

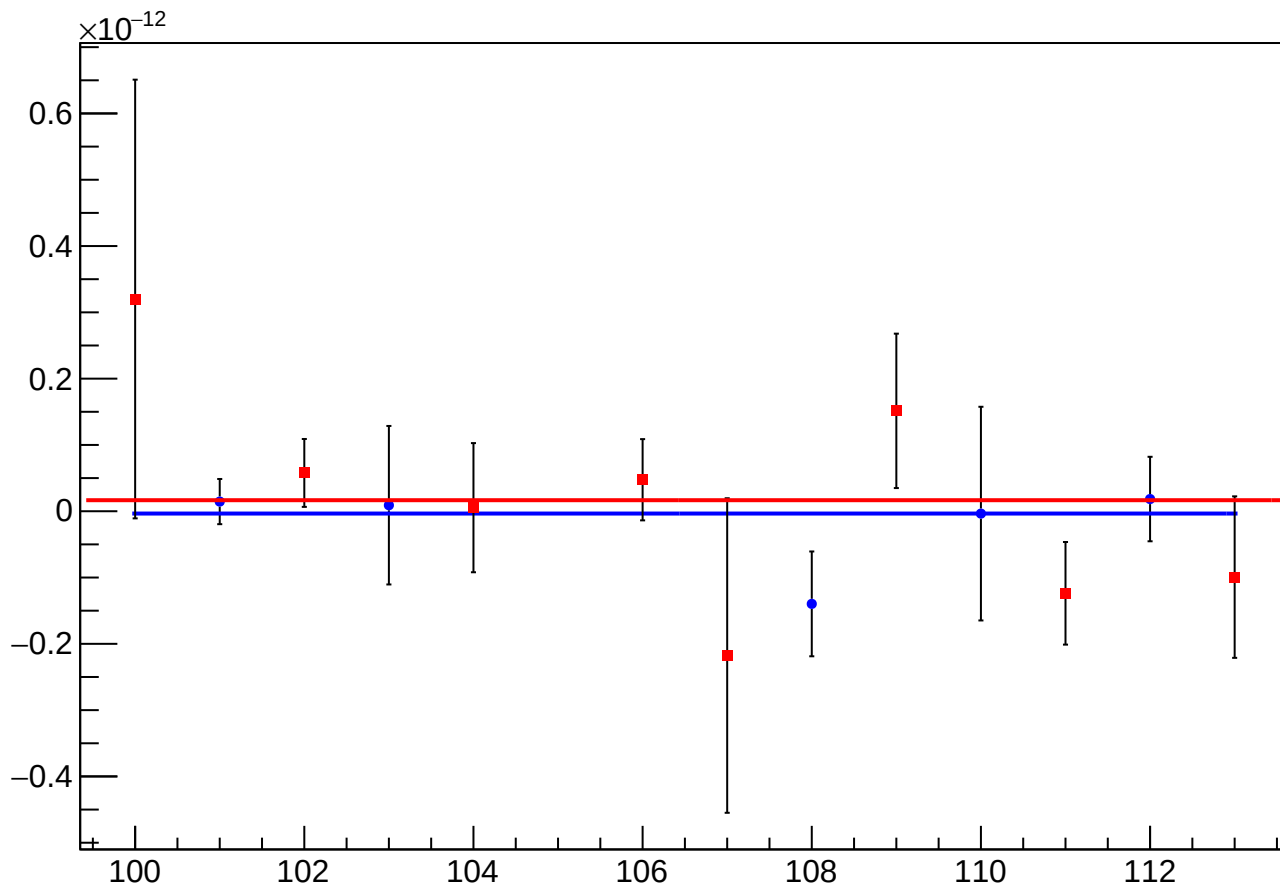
Right: 2697.661+/-0.828 χ^2/NDF : 811309.5/12

In: 2719.967+/-1.269 χ^2/NDF : 464973.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2697.661+/-0.828 χ^2/NDF : 811309.5/12

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 : 8.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

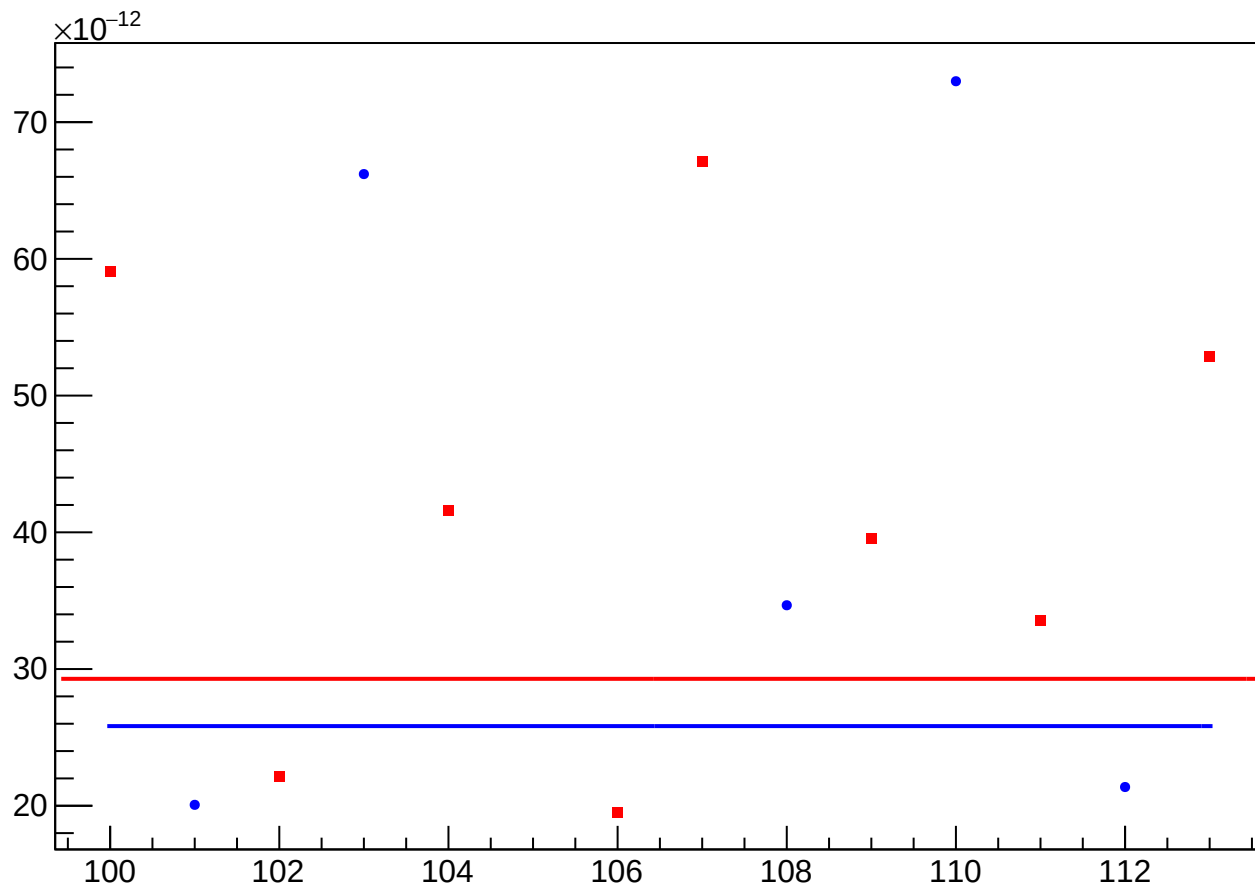
Right: 0.000+/-0.000 χ^2/NDF : 11.9/12

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 : 11.9/12

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 : 285122.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

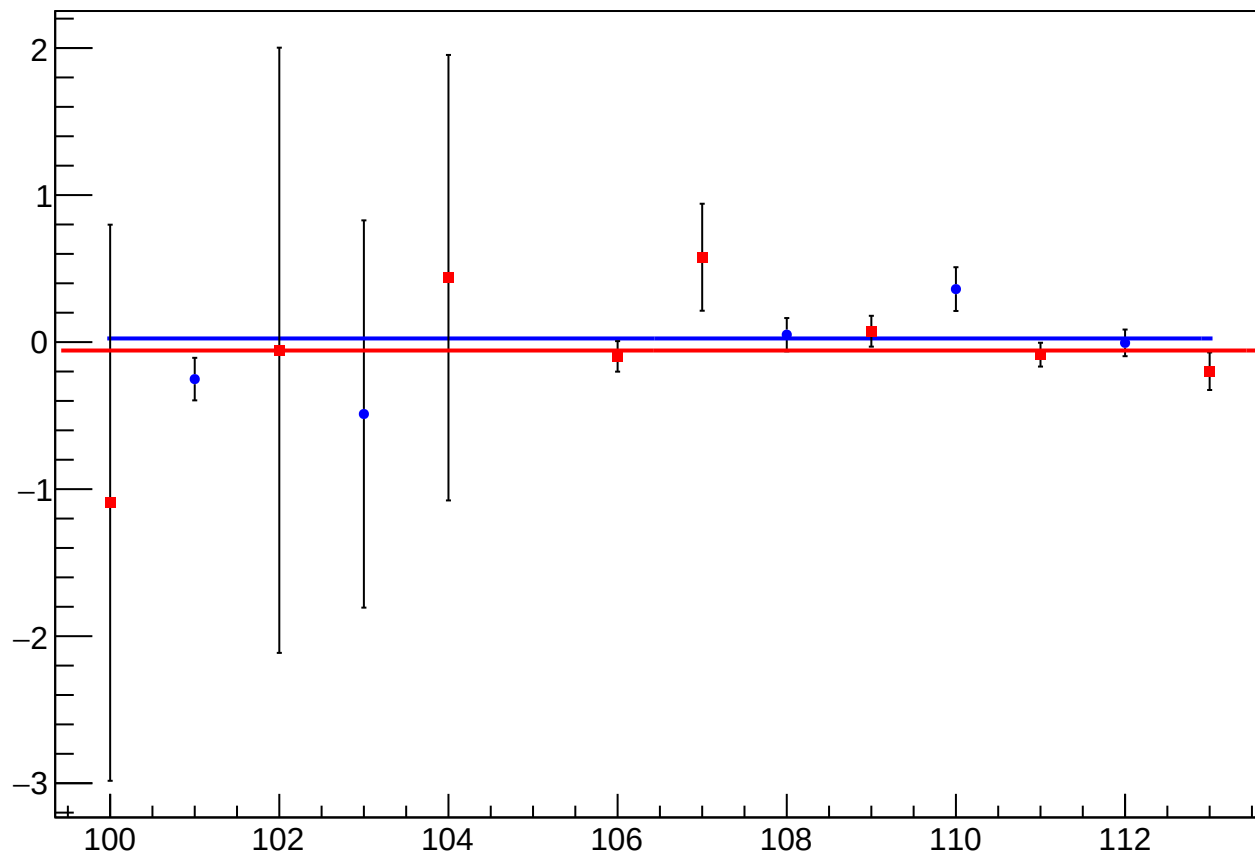
Right: 0.000+/-0.000 χ^2/NDF : 791035.5/12

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 : 791035.5/12

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: -0.057+/-0.050 χ^2/NDF : 6.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

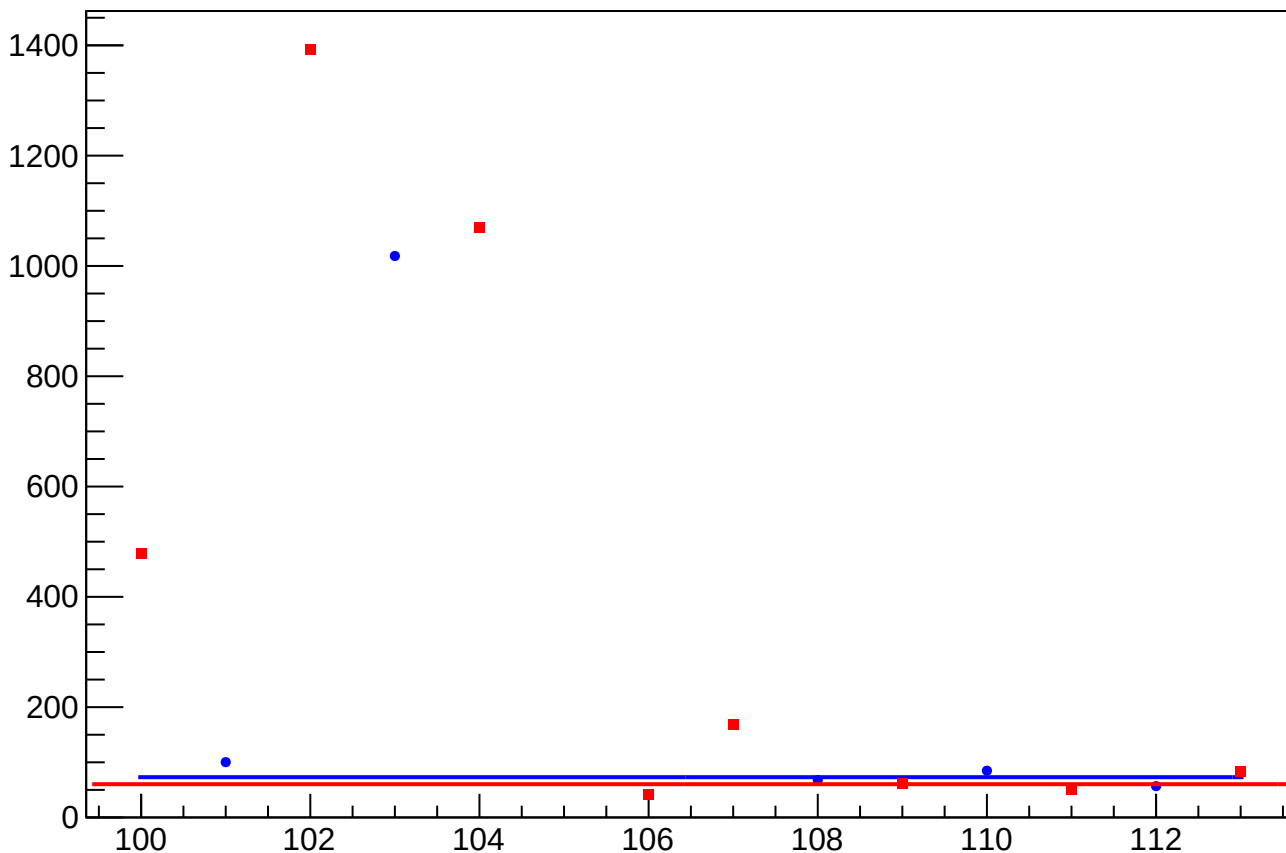
Right: -0.023+/-0.038 χ^2/NDF : 16.7/12

In: 0.025+/-0.058 χ^2/NDF : 9.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.023+/-0.038 χ^2/NDF : 16.7/12

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: 60.297+/-0.035 χ^2/NDF : 2159212.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

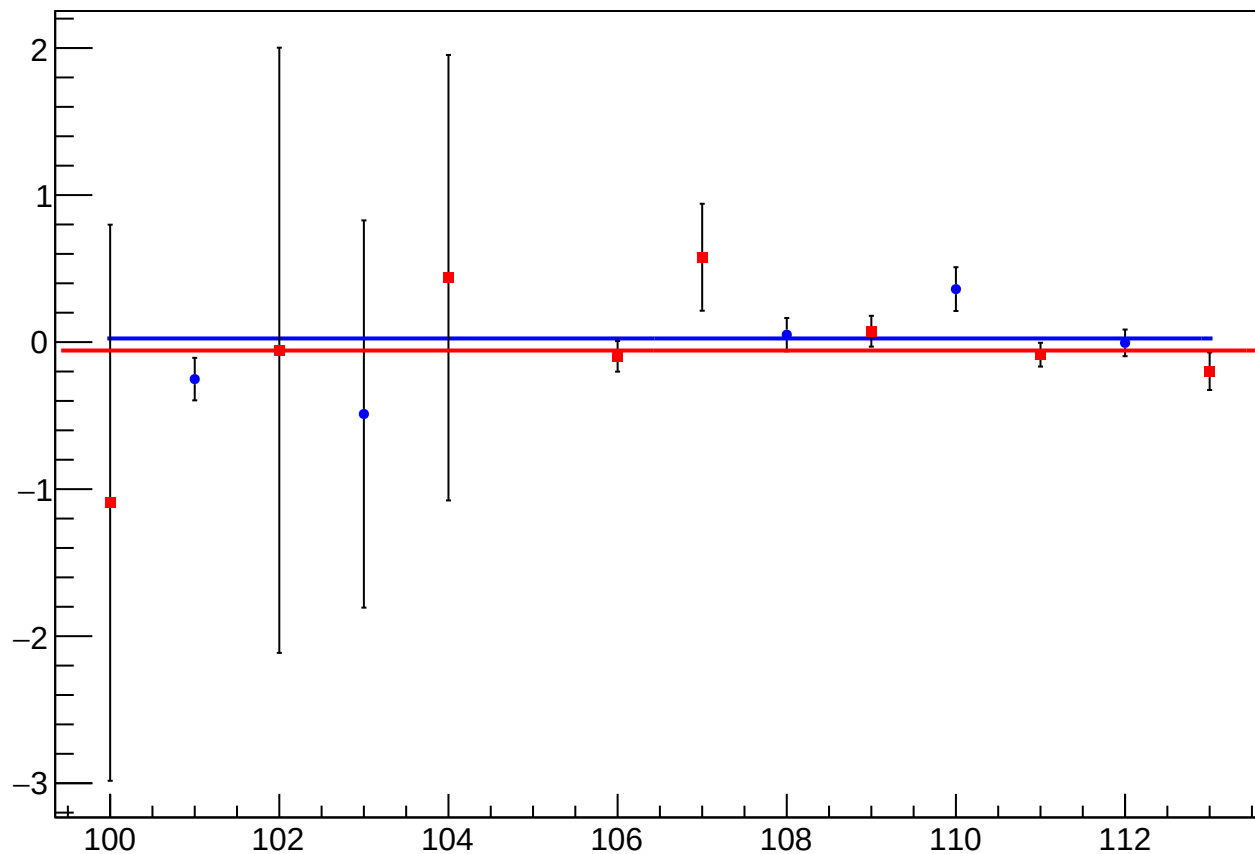
Right: 65.637+/-0.027 χ^2/NDF : 3396310.1/12

In: 73.025+/-0.041 χ^2/NDF : 1181901.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.637+/-0.027 χ^2/NDF : 3396310.1/12

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: -0.057+/-0.050 χ^2/NDF : 6.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

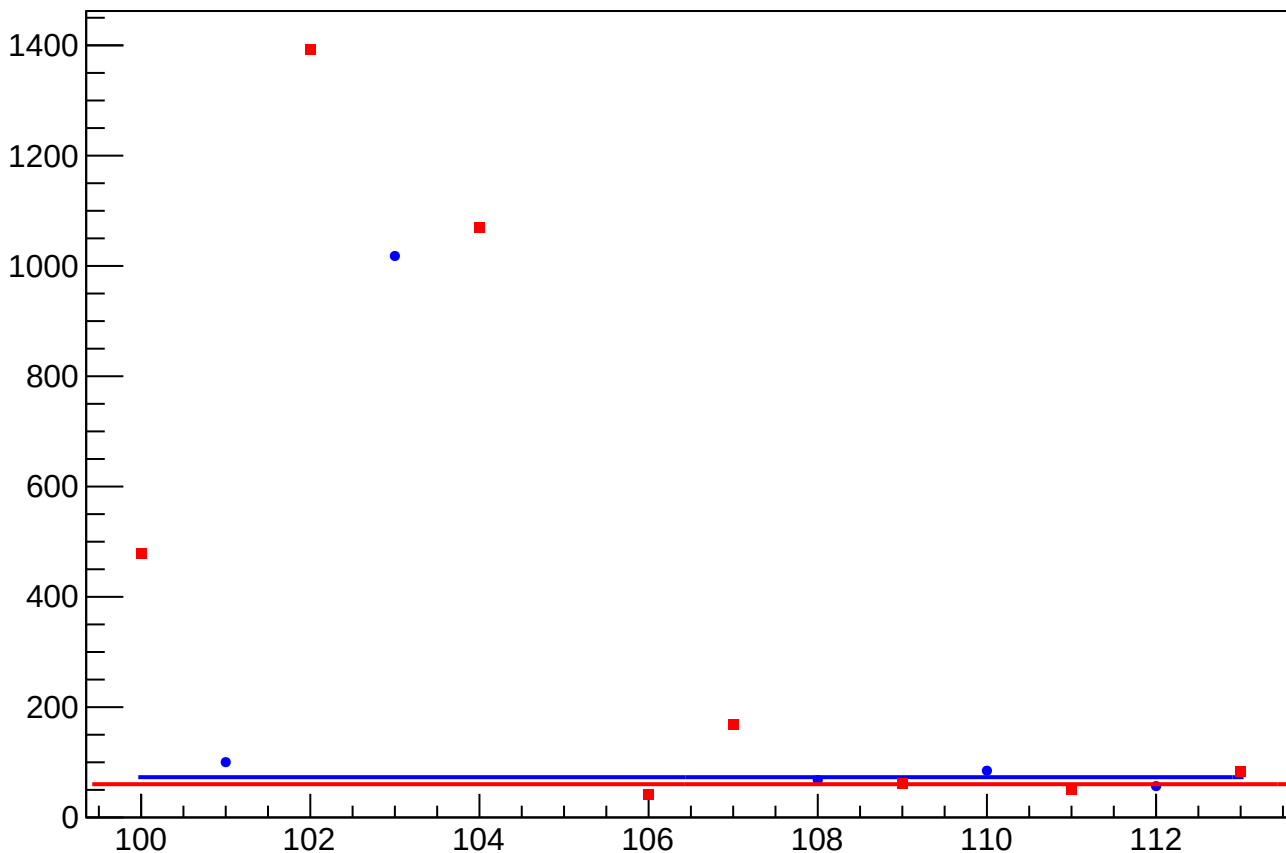
Right: -0.023+/-0.038 χ^2/NDF : 16.7/12

In: 0.025+/-0.058 χ^2/NDF : 9.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.023+/-0.038 χ^2/NDF : 16.7/12

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: 60.297+/-0.035 χ^2/NDF : 2159212.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

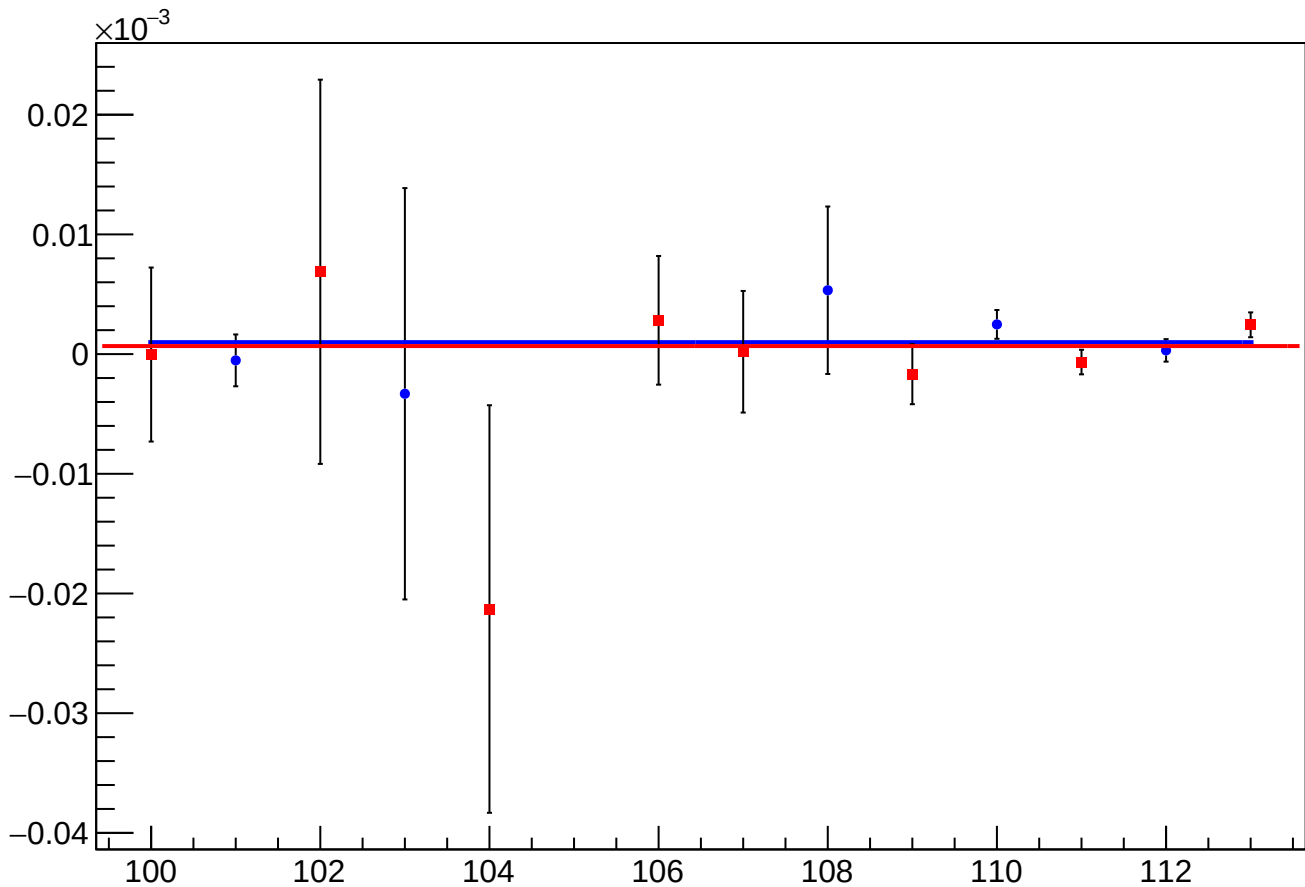
Right: 65.637+/-0.027 χ^2/NDF : 3396310.1/12

In: 73.025+/-0.041 χ^2/NDF : 1181901.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.637+/-0.027 χ^2/NDF : 3396310.1/12

asym_at1_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 : 7.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

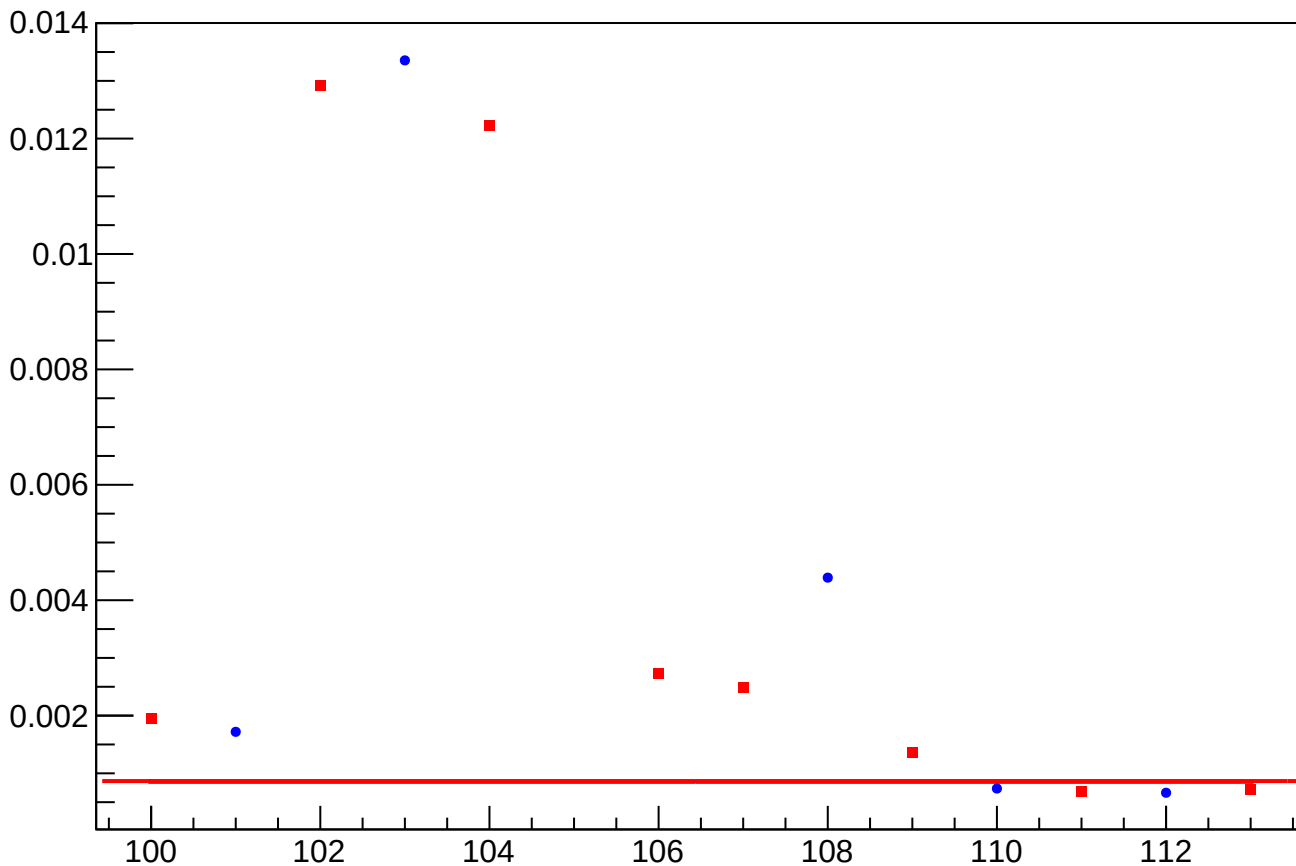
Right: 0.000+/-0.000 χ^2/NDF : 10.6/12

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 : 10.6/12

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 : 2690743.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

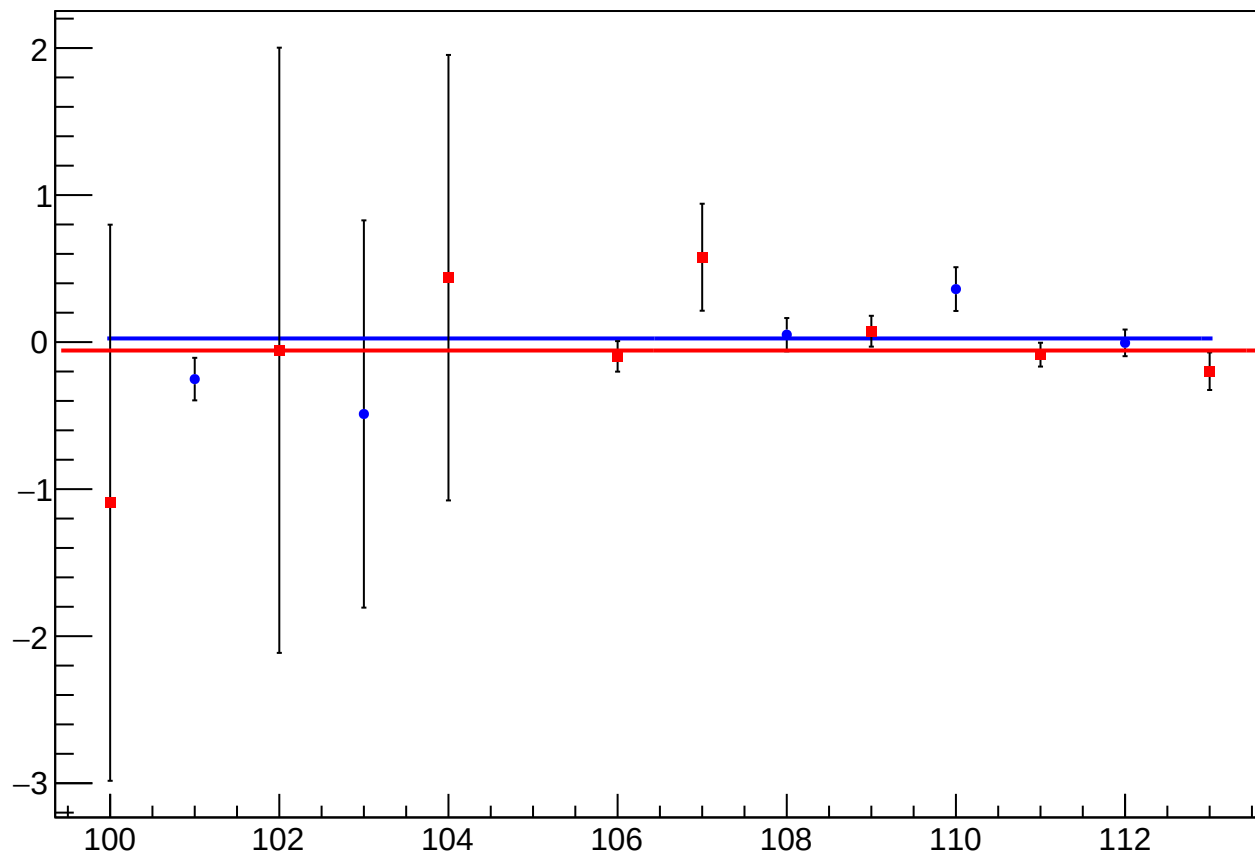
Right: 0.001+/-0.000 χ^2/NDF : 4681595.1/12

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 : 4681595.1/12

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: -0.057+/-0.050 χ^2/NDF : 6.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

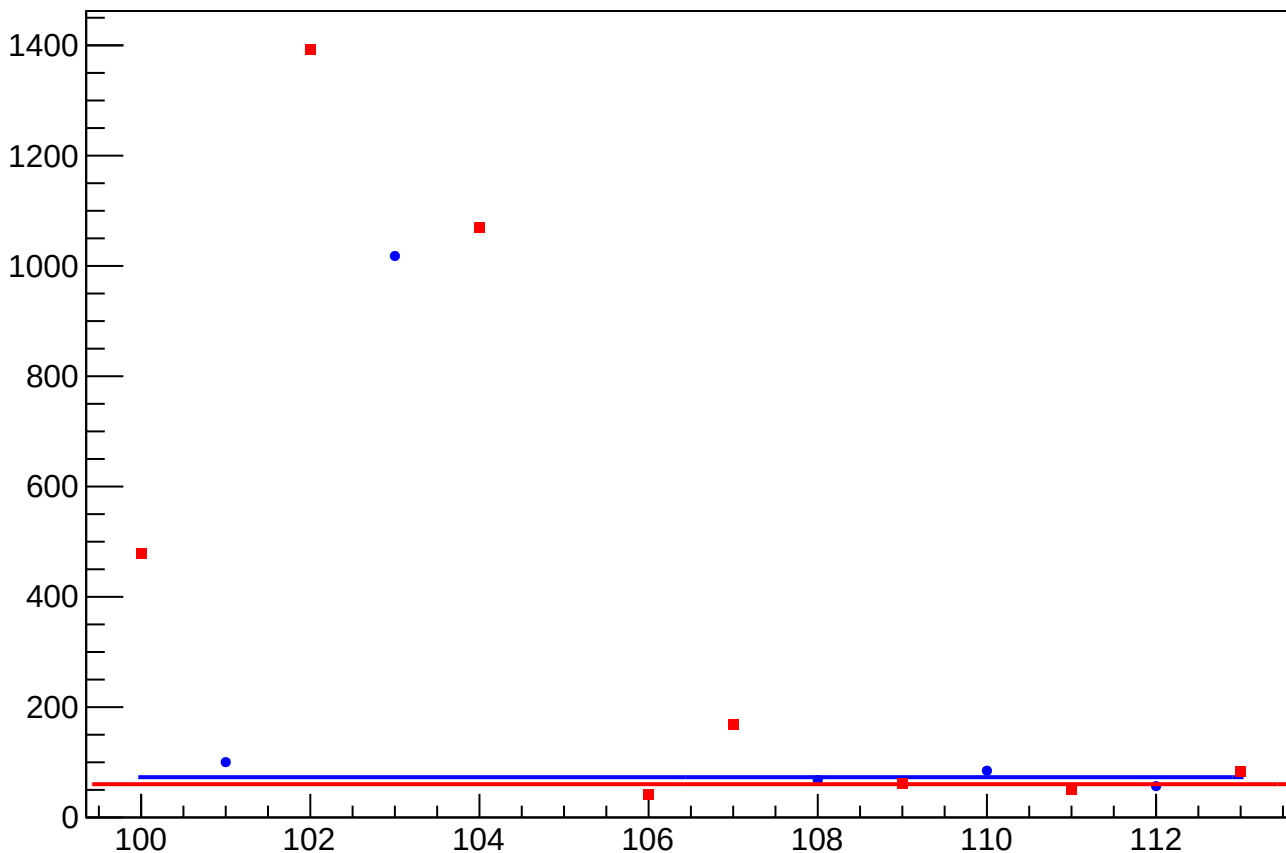
Right: -0.023+/-0.038 χ^2/NDF : 16.7/12

In: 0.025+/-0.058 χ^2/NDF : 9.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.023+/-0.038 χ^2/NDF : 16.7/12

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: 60.295+/-0.035 χ^2/NDF : 2159238.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

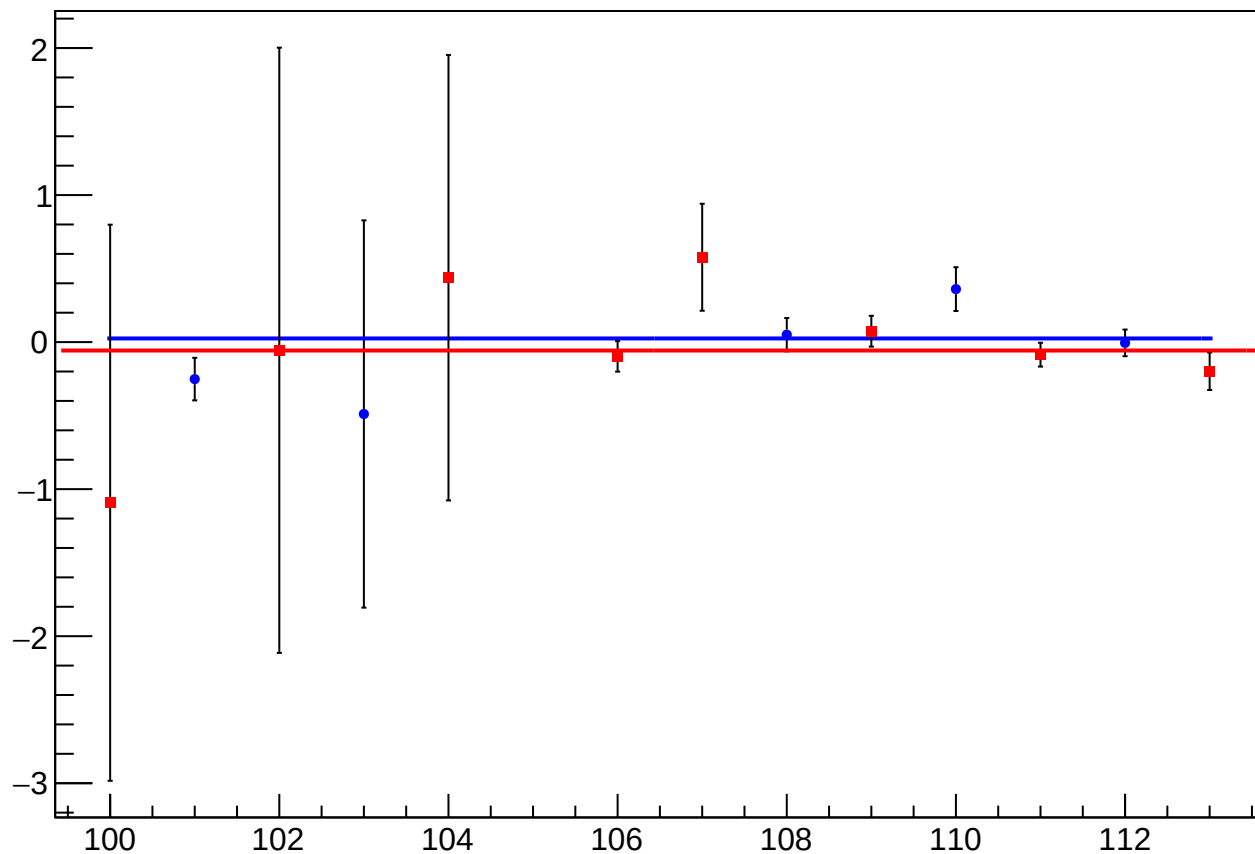
Right: 65.636+/-0.027 χ^2/NDF : 3396348.9/12

In: 73.026+/-0.041 χ^2/NDF : 1181895.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.636+/-0.027 χ^2/NDF : 3396348.9/12

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: -0.057+/-0.050 χ^2/NDF : 6.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

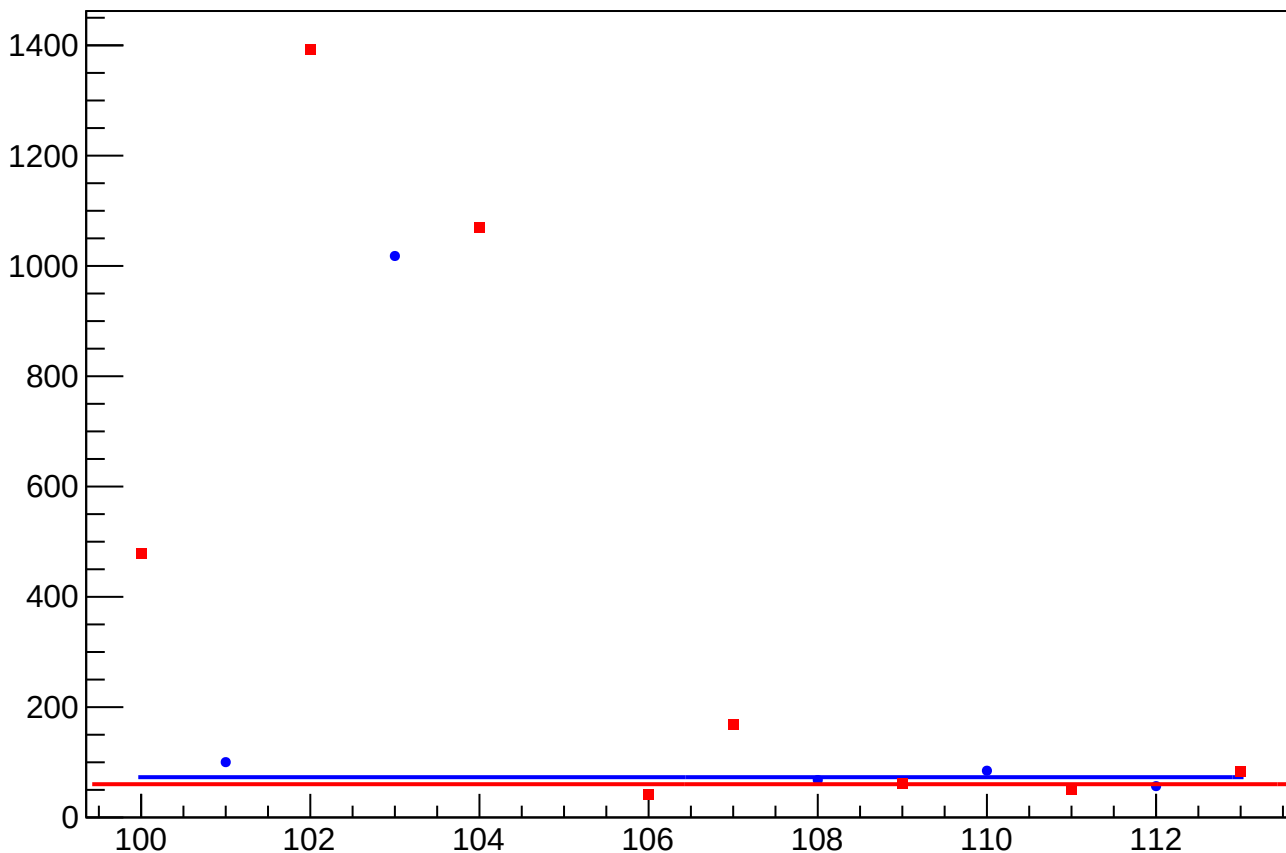
Right: -0.023+/-0.038 χ^2/NDF : 16.7/12

In: 0.025+/-0.058 χ^2/NDF : 9.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.023+/-0.038 χ^2/NDF : 16.7/12

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: 60.295+/-0.035 χ^2/NDF : 2159238.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

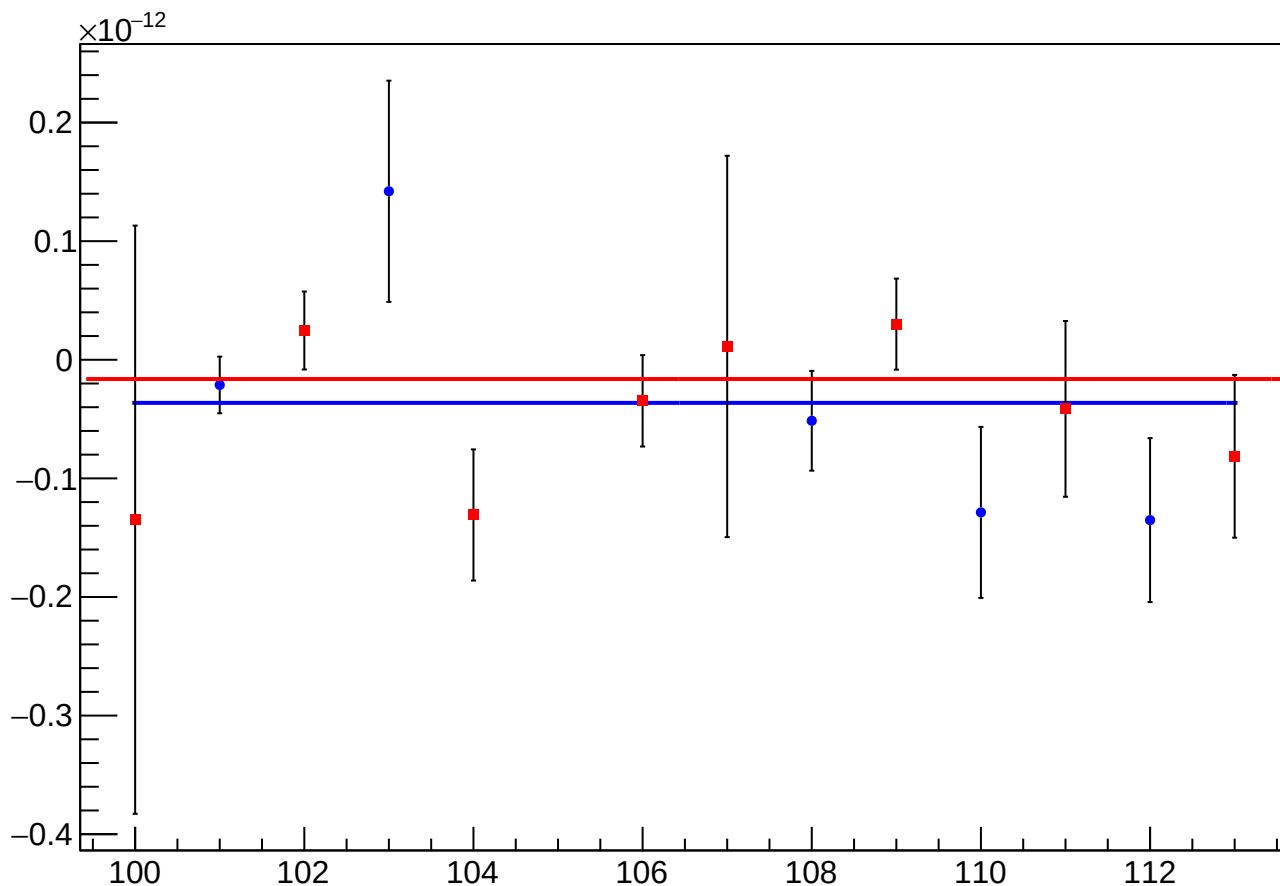
Right: 65.636+/-0.027 χ^2/NDF : 3396348.9/12

In: 73.026+/-0.041 χ^2/NDF : 1181895.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.636+/-0.027 χ^2/NDF : 3396348.9/12

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 : 8.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

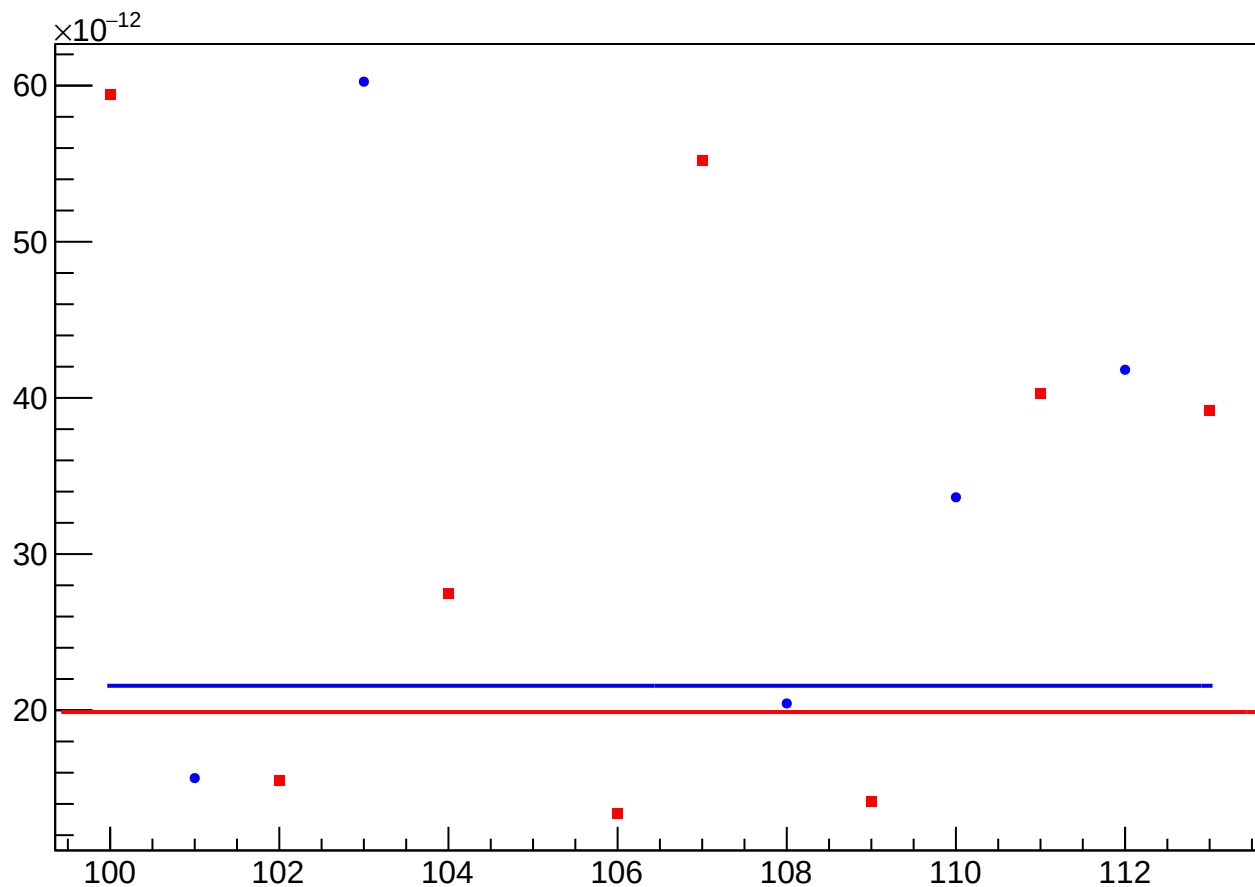
Right: -0.000+/-0.000 χ^2/NDF : 17.3/12

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 : 17.3/12

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 : 631620.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

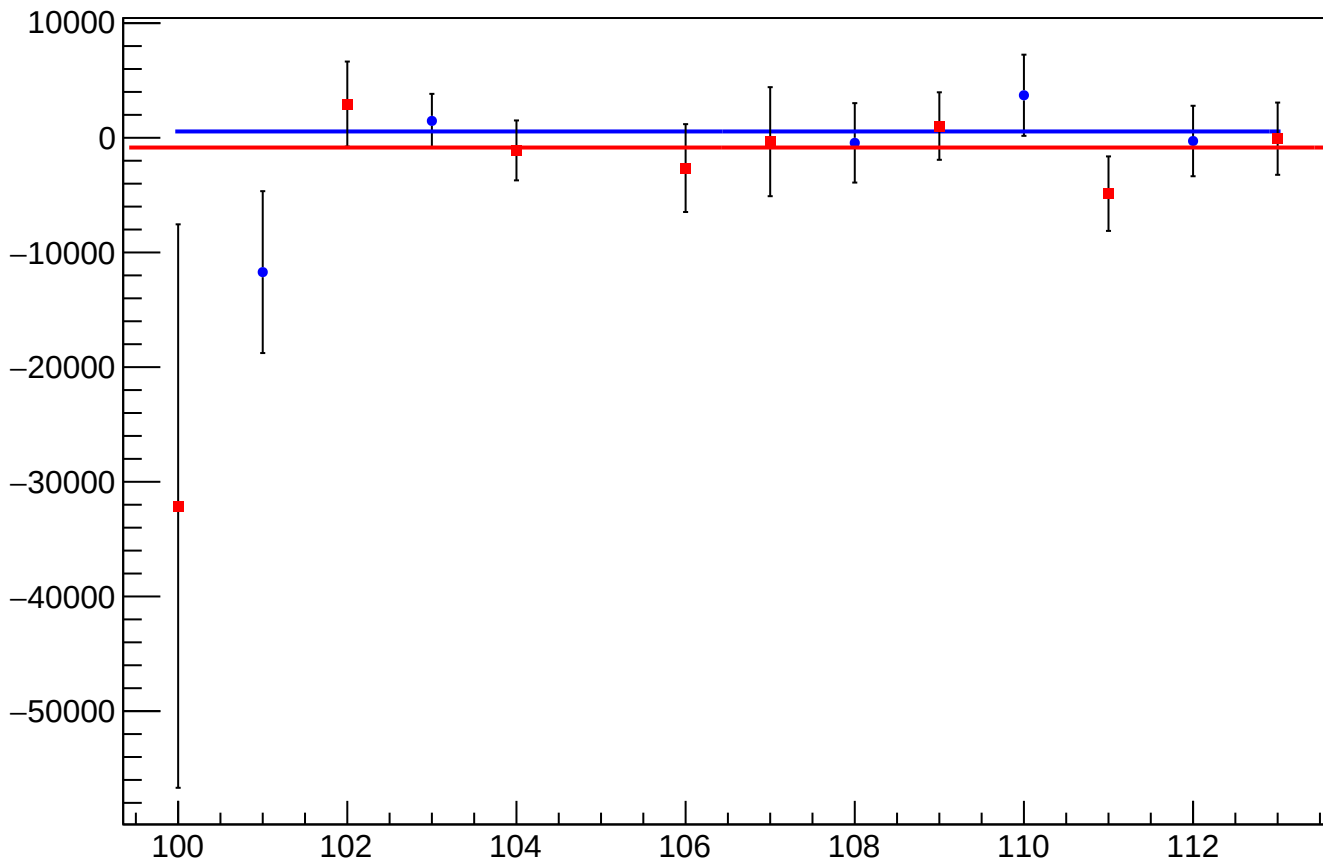
Right: 0.000+/-0.000 χ^2/NDF : 1335695.4/12

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 : 1335695.4/12

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: -848.700+/-1246.036 χ^2/NDF : 4.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

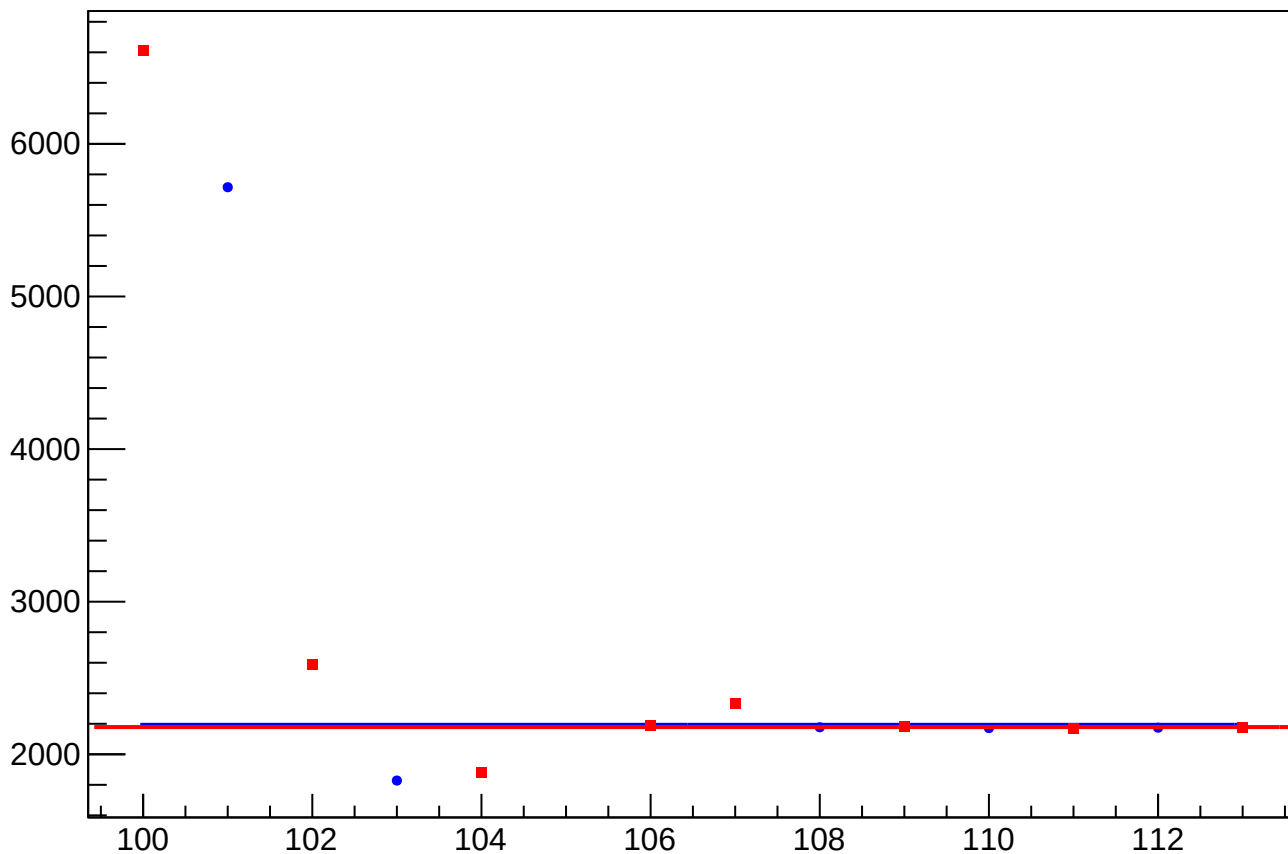
Right: -258.144+/-947.870 χ^2/NDF : 9.6/12

In: 552.973+/-1460.299 χ^2/NDF : 4.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -258.144+/-947.870 χ^2/NDF : 9.6/12

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: 2178.461+/-0.881 χ^2/NDF : 118325.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

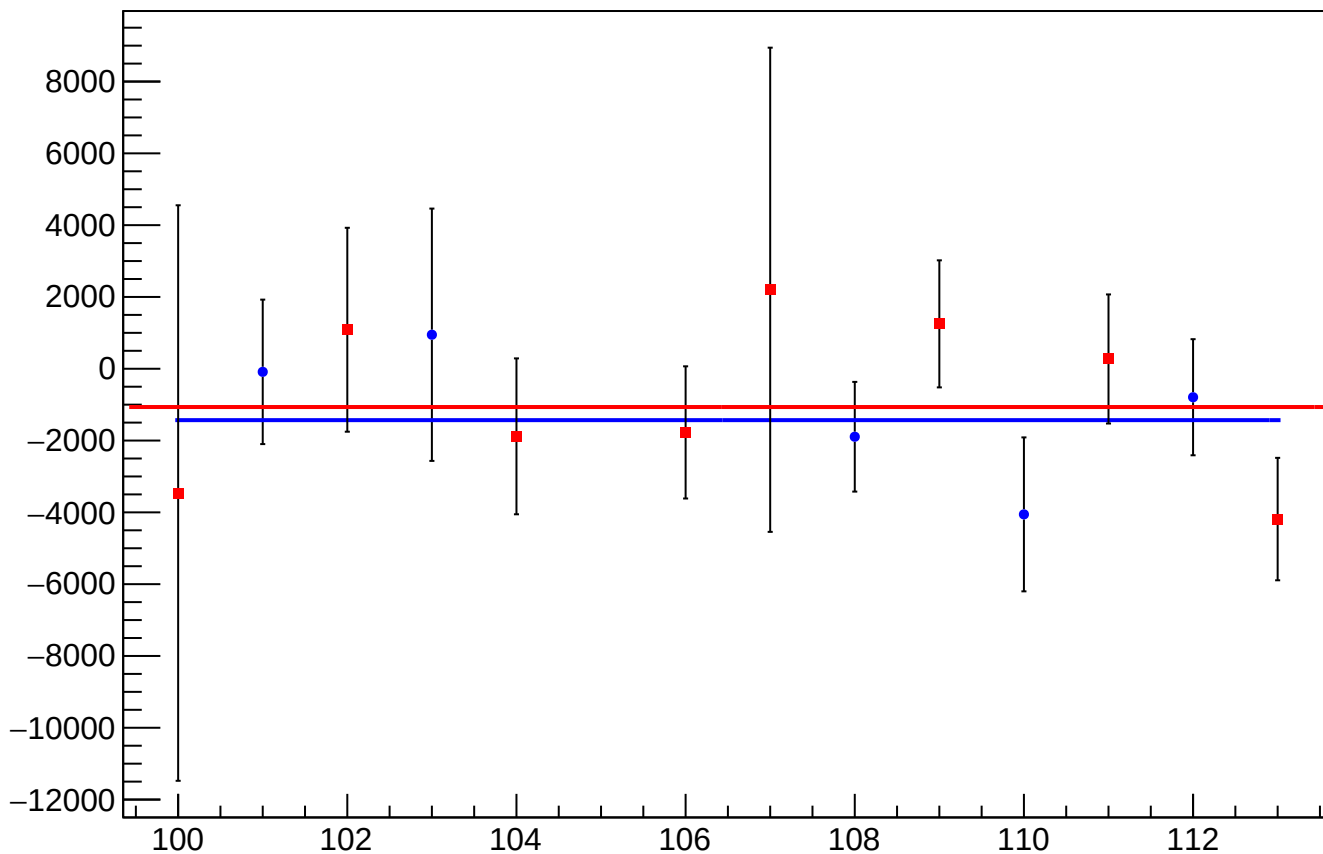
Right: 2184.682+/-0.670 χ^2/NDF : 664708.6/12

In: 2193.225+/-1.033 χ^2/NDF : 546264.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2184.682+/-0.670 χ^2/NDF : 664708.6/12

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: -1065.888+/-780.556 χ^2/NDF : 6.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

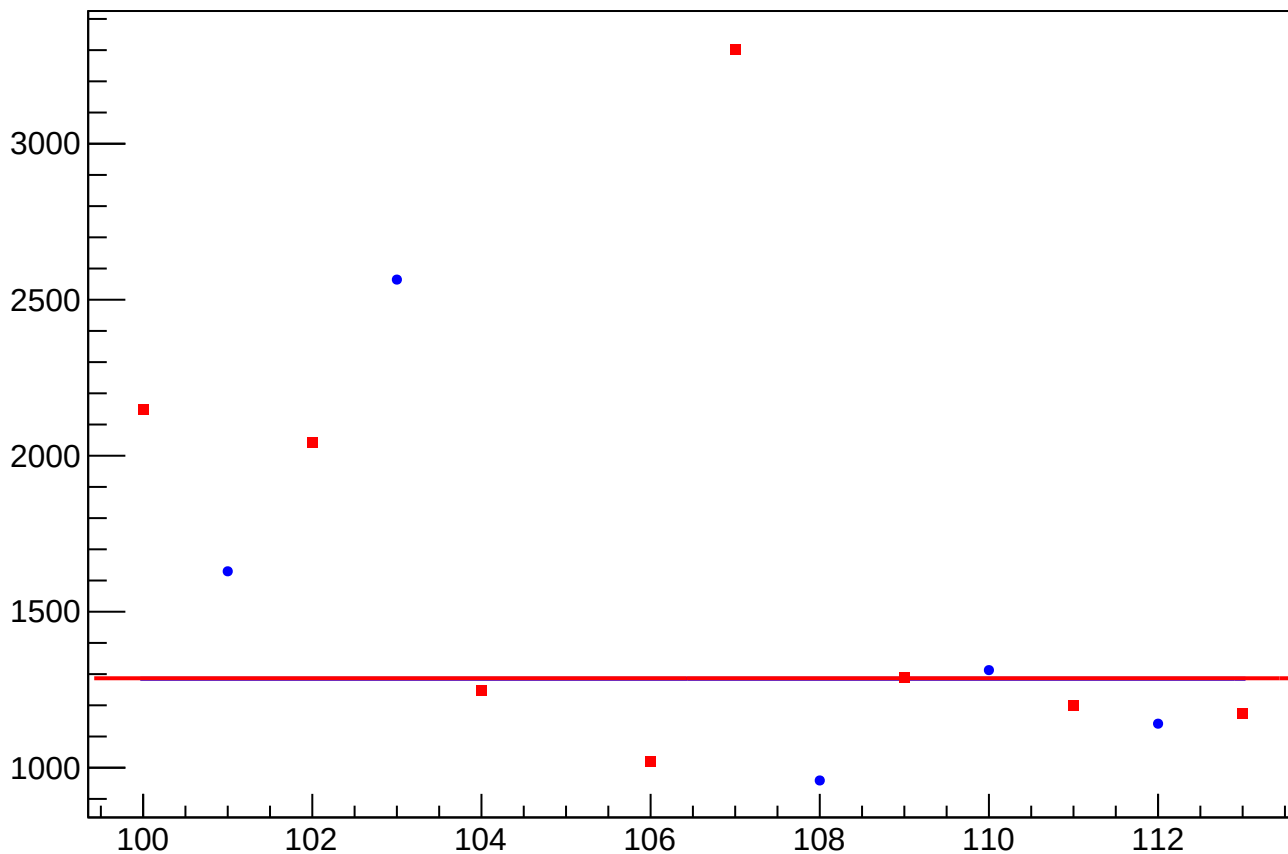
Right: -1231.310+/-577.584 χ^2/NDF : 9.6/12

In: -1431.500+/-858.674 χ^2/NDF : 2.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1231.310+/-577.584 χ^2/NDF : 9.6/12

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: 1286.685+/-0.552 χ^2/NDF : 400024.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

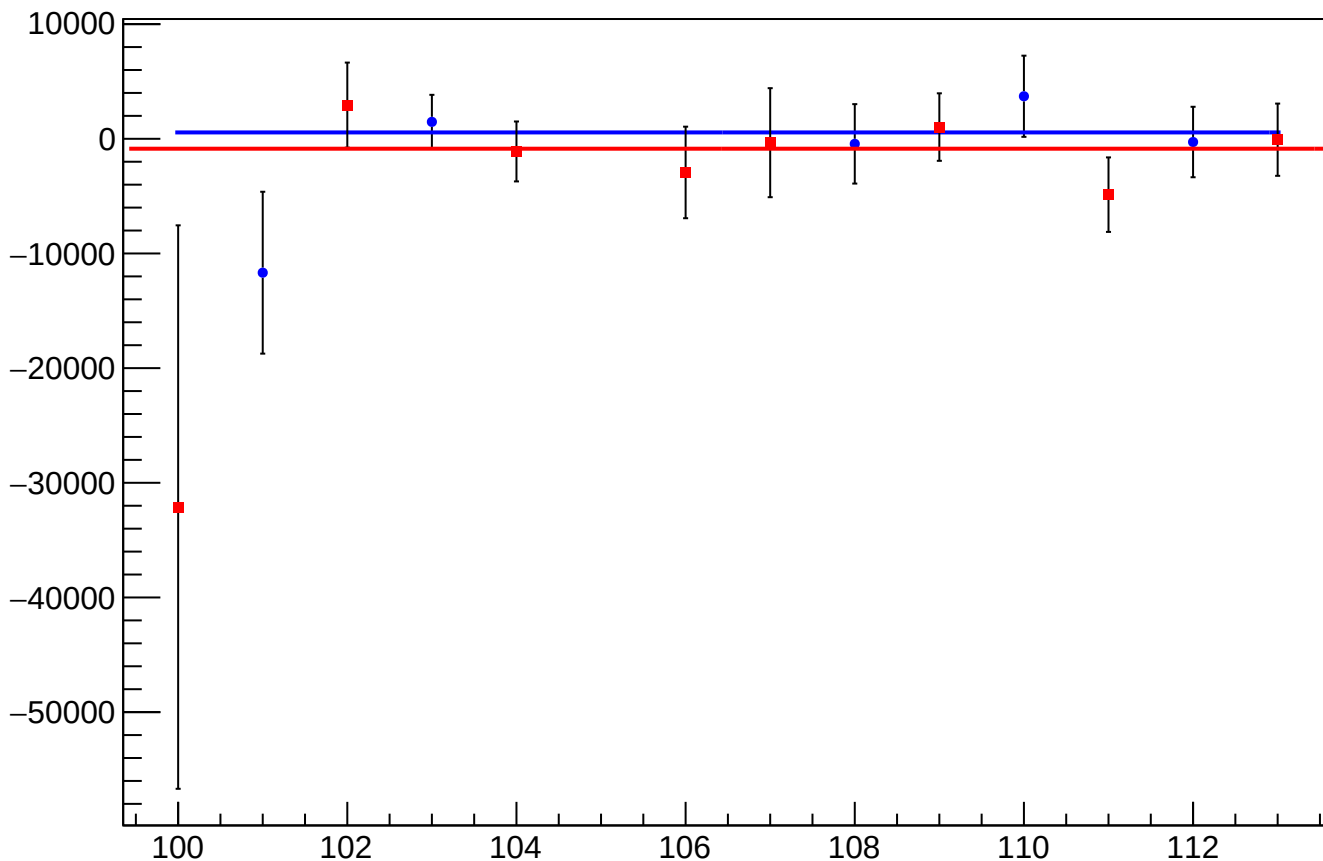
Right: 1285.986+/-0.408 χ^2/NDF : 830971.7/12

In: 1285.141+/-0.607 χ^2/NDF : 430944.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1285.986+/-0.408 χ^2/NDF : 830971.7/12

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: -864.044+/-1251.269 χ^2/NDF : 5.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

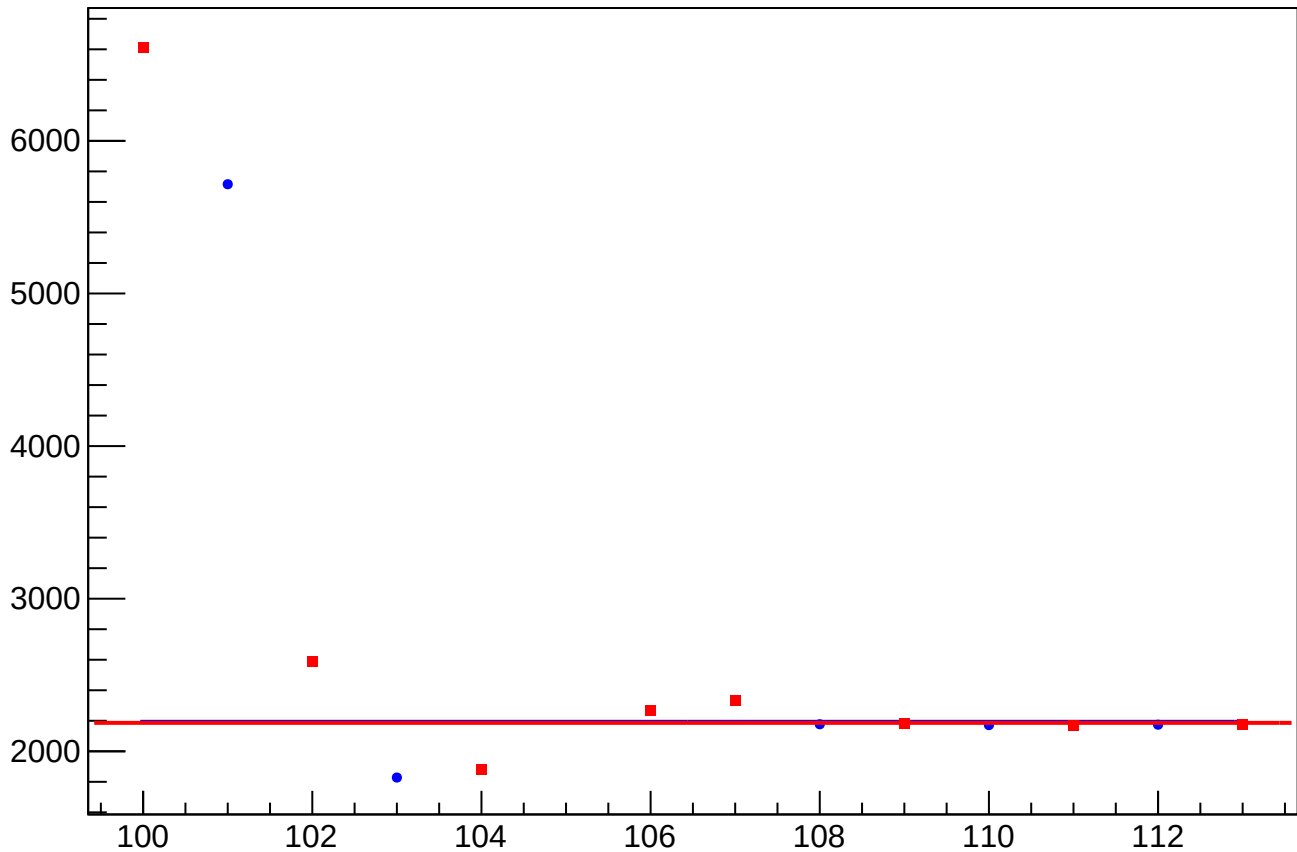
Right: -262.913+/-950.168 χ^2/NDF : 9.6/12

In: 555.837+/-1460.300 χ^2/NDF : 4.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -262.913+/-950.168 χ^2/NDF : 9.6/12

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: 2186.435+/-0.885 χ^2/NDF : 119266.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

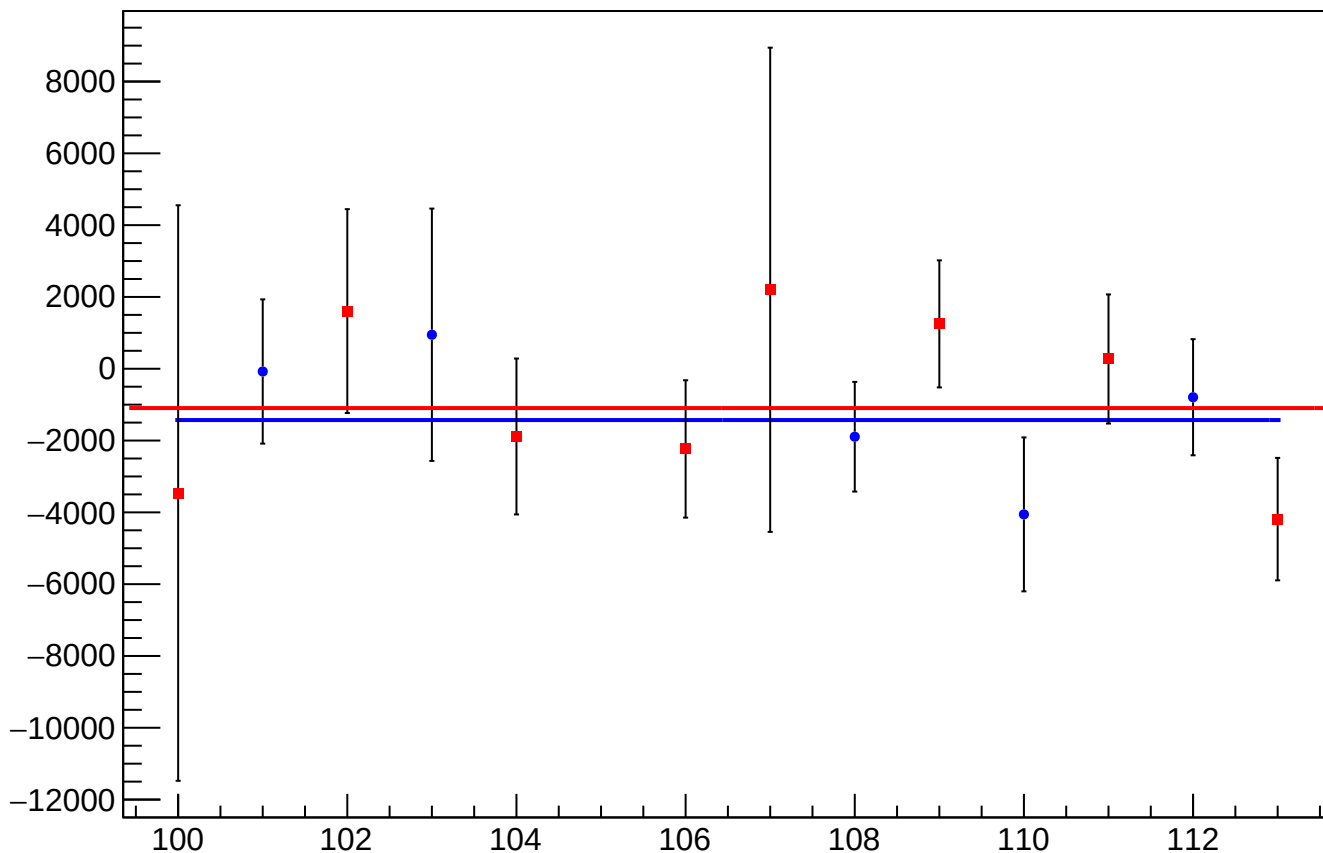
Right: 2189.310+/-0.672 χ^2/NDF : 665556.1/12

In: 2193.226+/-1.033 χ^2/NDF : 546264.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2189.310+/-0.672 χ^2/NDF : 665556.1/12

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: -1095.241+/-785.778 χ^2/NDF : 7.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

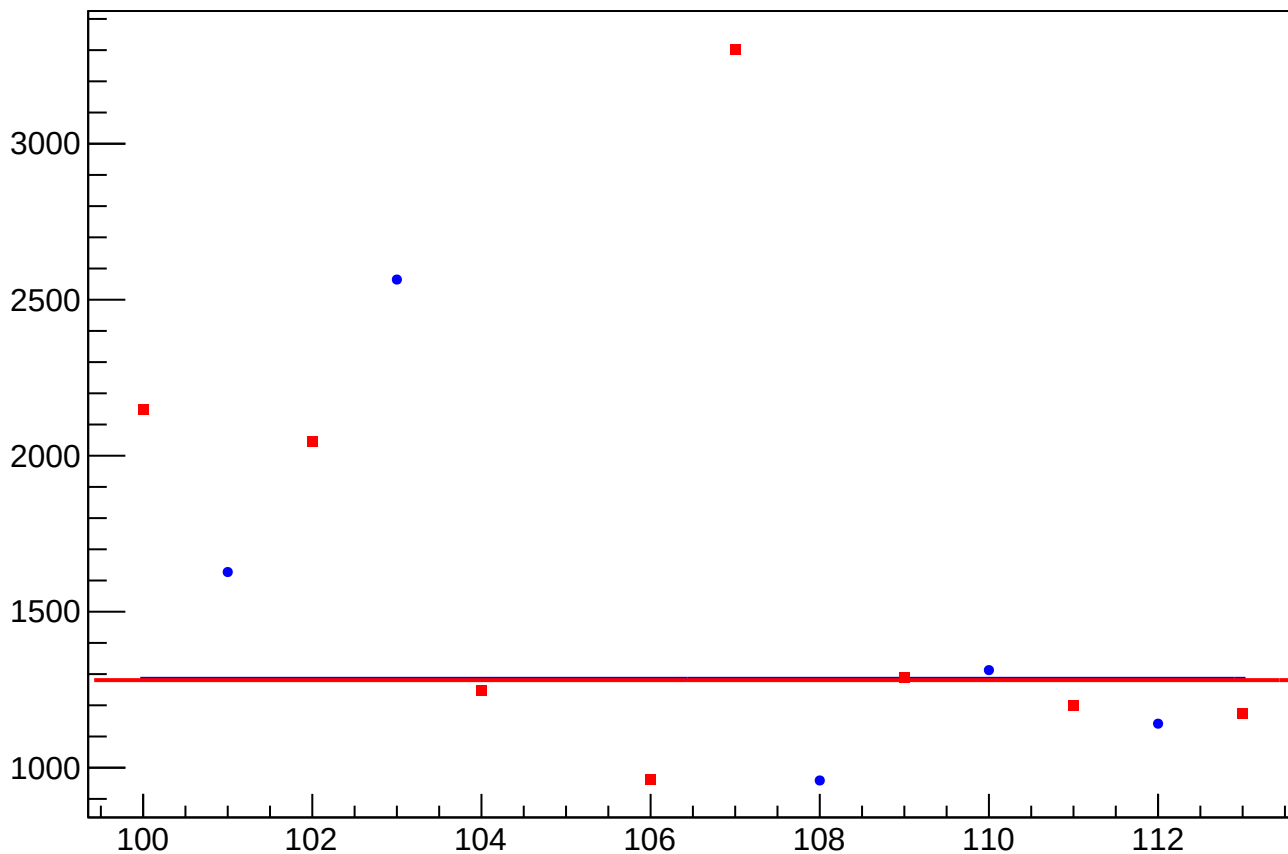
Right: -1247.354+/-579.618 χ^2/NDF : 10.1/12

In: -1428.899+/-858.439 χ^2/NDF : 2.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1247.354+/-579.618 χ^2/NDF : 10.1/12

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: 1280.708+/-0.556 χ^2/NDF : 417108.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

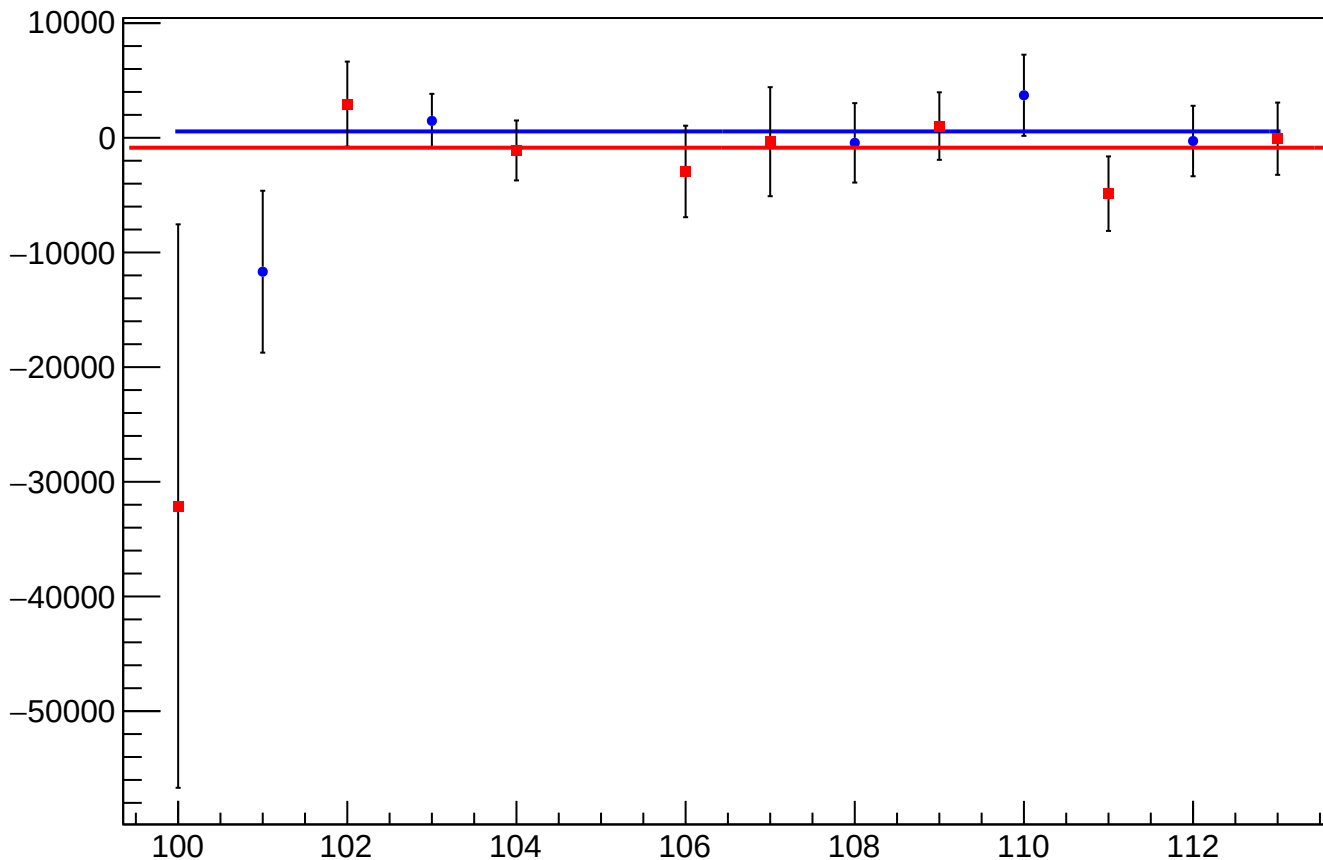
Right: 1282.609+/-0.410 χ^2/NDF : 847487.9/12

In: 1284.878+/-0.607 χ^2/NDF : 430353.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1282.609+/-0.410 χ^2/NDF : 847487.9/12

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: -864.044+/-1251.269 χ^2/NDF : 5.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

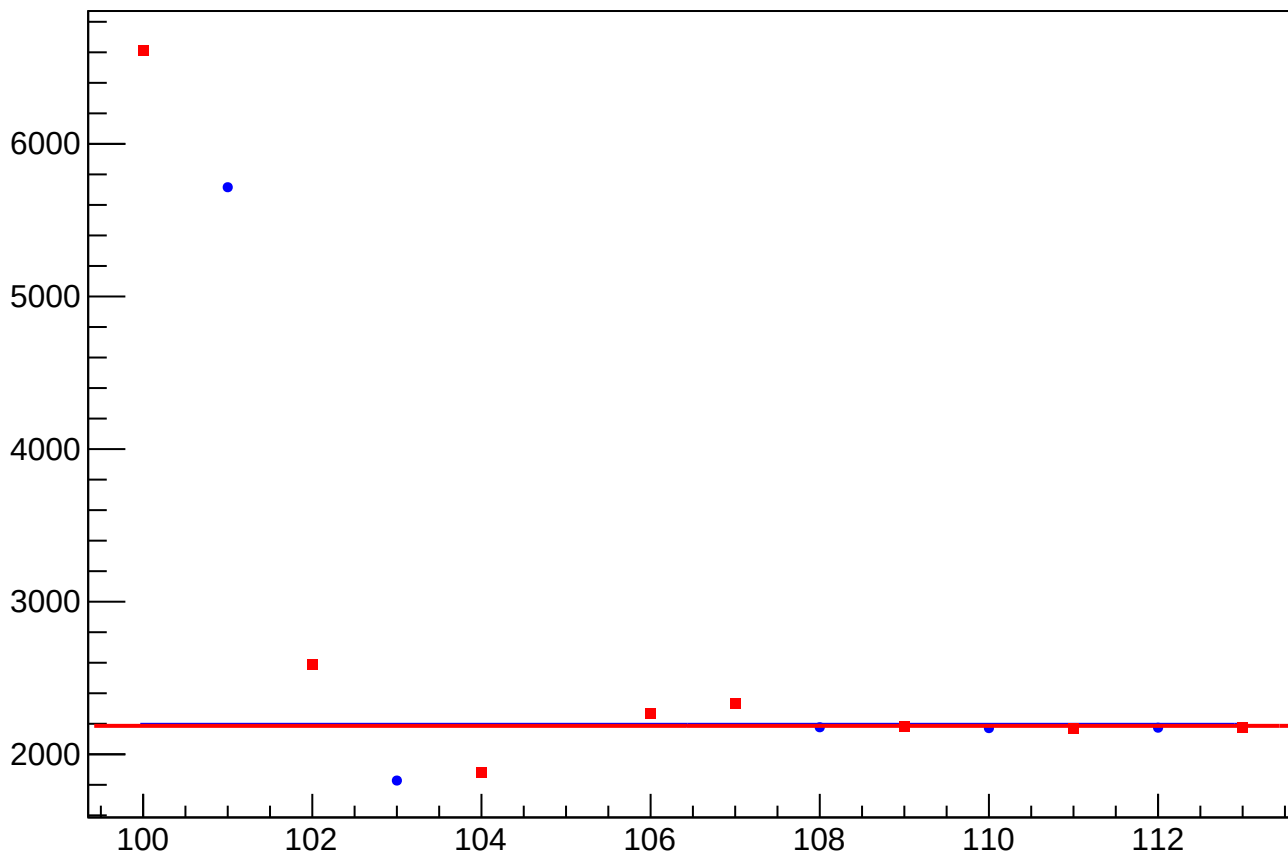
Right: -262.913+/-950.168 χ^2/NDF : 9.6/12

In: 555.837+/-1460.300 χ^2/NDF : 4.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -262.913+/-950.168 χ^2/NDF : 9.6/12

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: 2186.435+/-0.885 χ^2/NDF : 119266.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

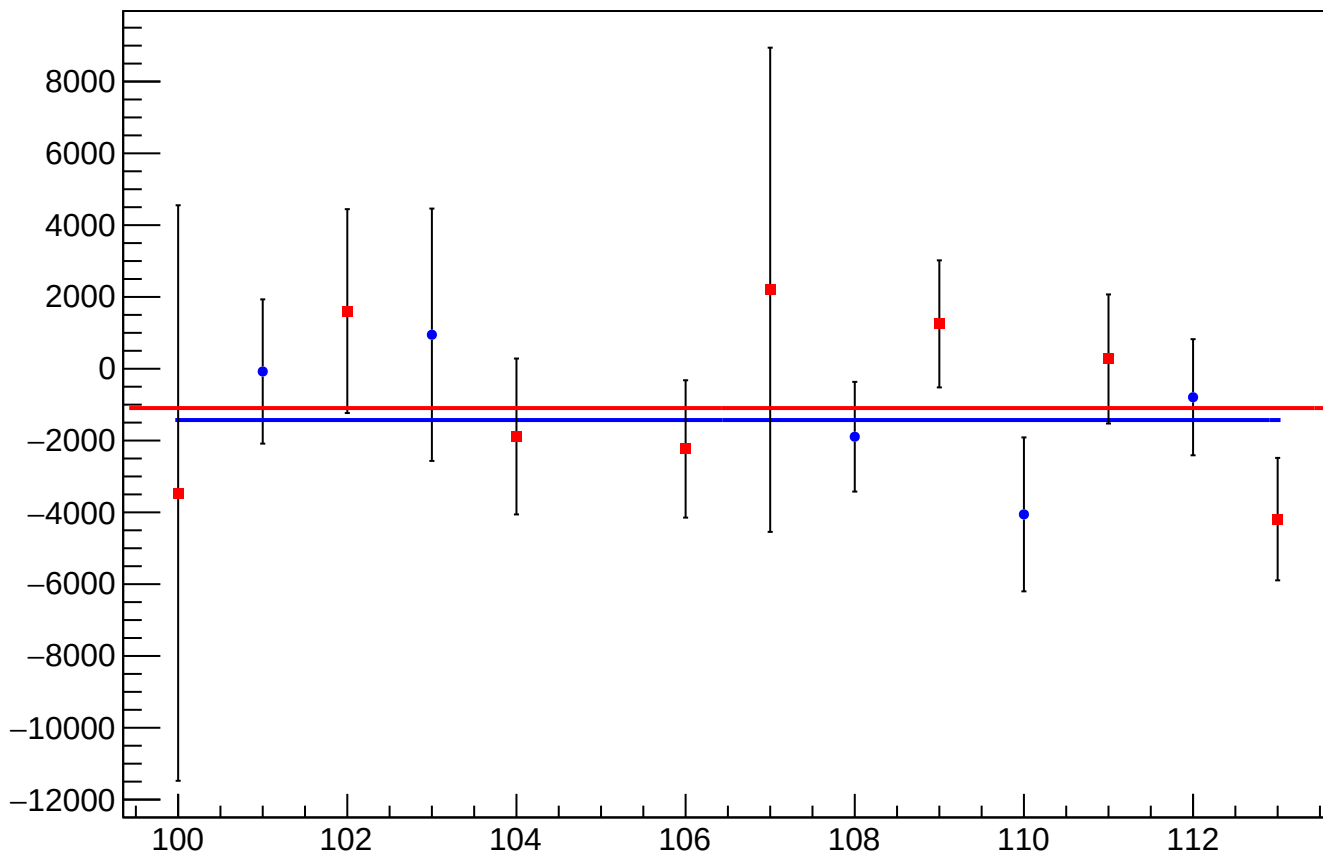
Right: 2189.310+/-0.672 χ^2/NDF : 665556.1/12

In: 2193.226+/-1.033 χ^2/NDF : 546264.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2189.310+/-0.672 χ^2/NDF : 665556.1/12

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: -1095.241+/-785.778 χ^2/NDF : 7.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

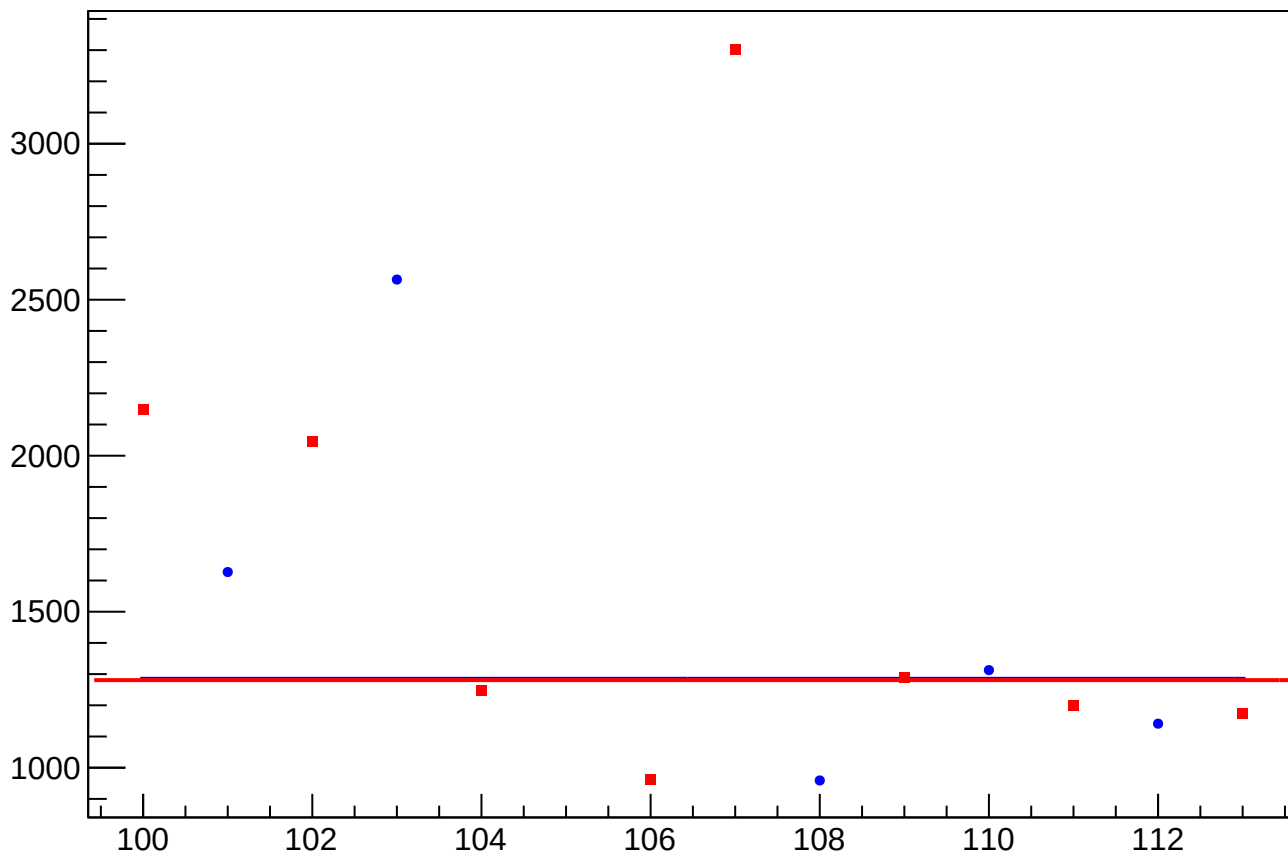
Right: -1247.354+/-579.618 χ^2/NDF : 10.1/12

In: -1428.899+/-858.439 χ^2/NDF : 2.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1247.354+/-579.618 χ^2/NDF : 10.1/12

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: 1280.708+/-0.556 χ^2/NDF : 417108.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

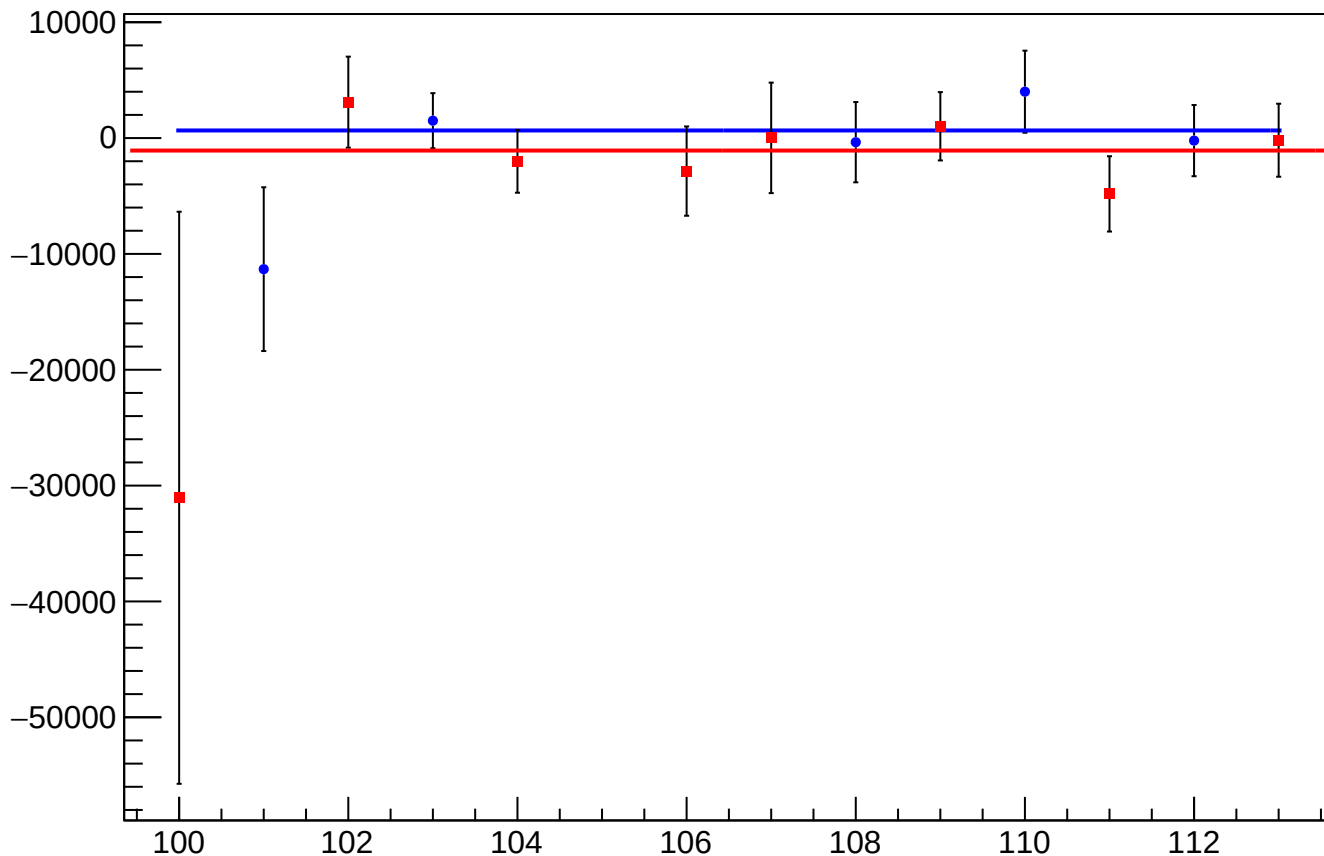
Right: 1282.609+/-0.410 χ^2/NDF : 847487.9/12

In: 1284.878+/-0.607 χ^2/NDF : 430353.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1282.609+/-0.410 χ^2/NDF : 847487.9/12

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: -1078.023+/-1265.675 χ^2/NDF : 4.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

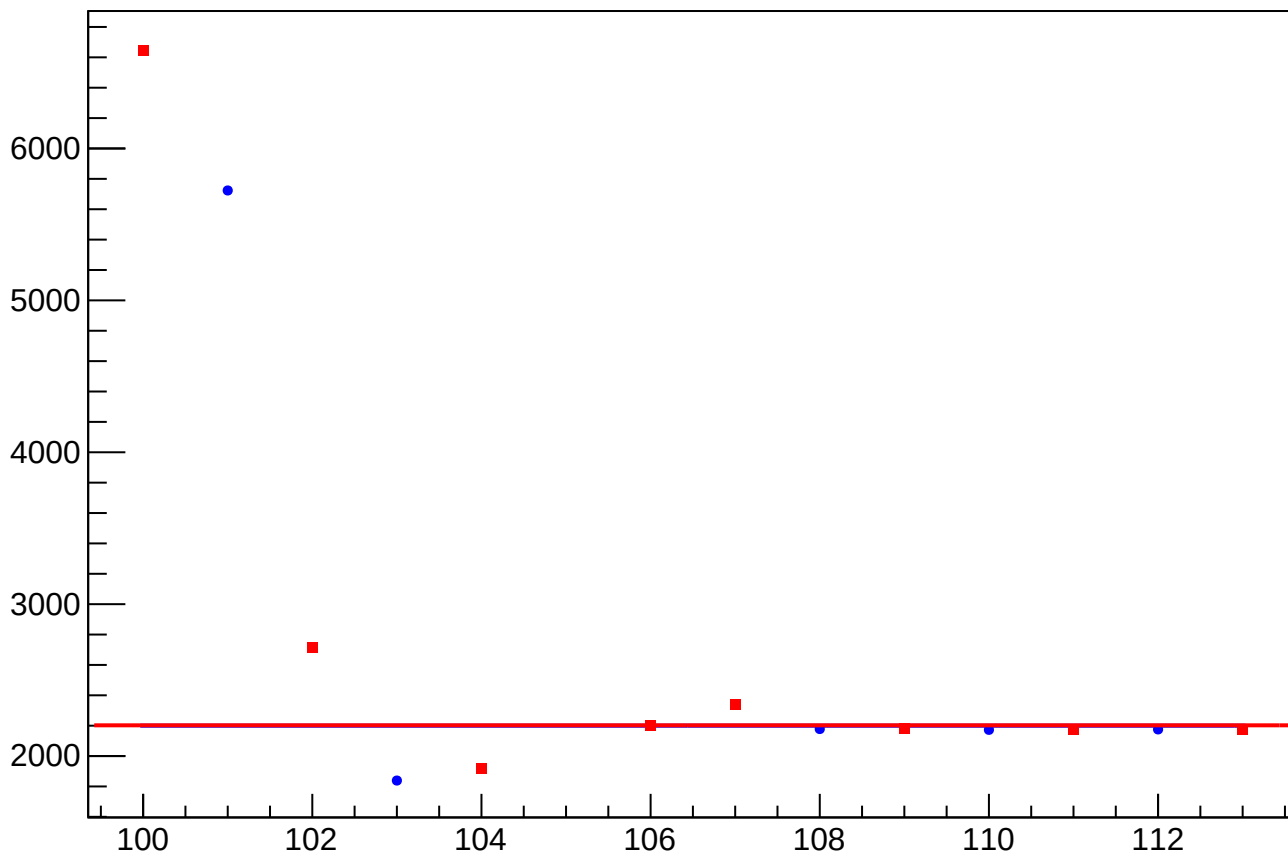
Right: -336.833+/-957.758 χ^2/NDF : 9.8/12

In: 656.245+/-1465.039 χ^2/NDF : 4.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -336.833+/-957.758 χ^2/NDF : 9.8/12

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: 2202.467+/-0.895 χ^2/NDF : 122245.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

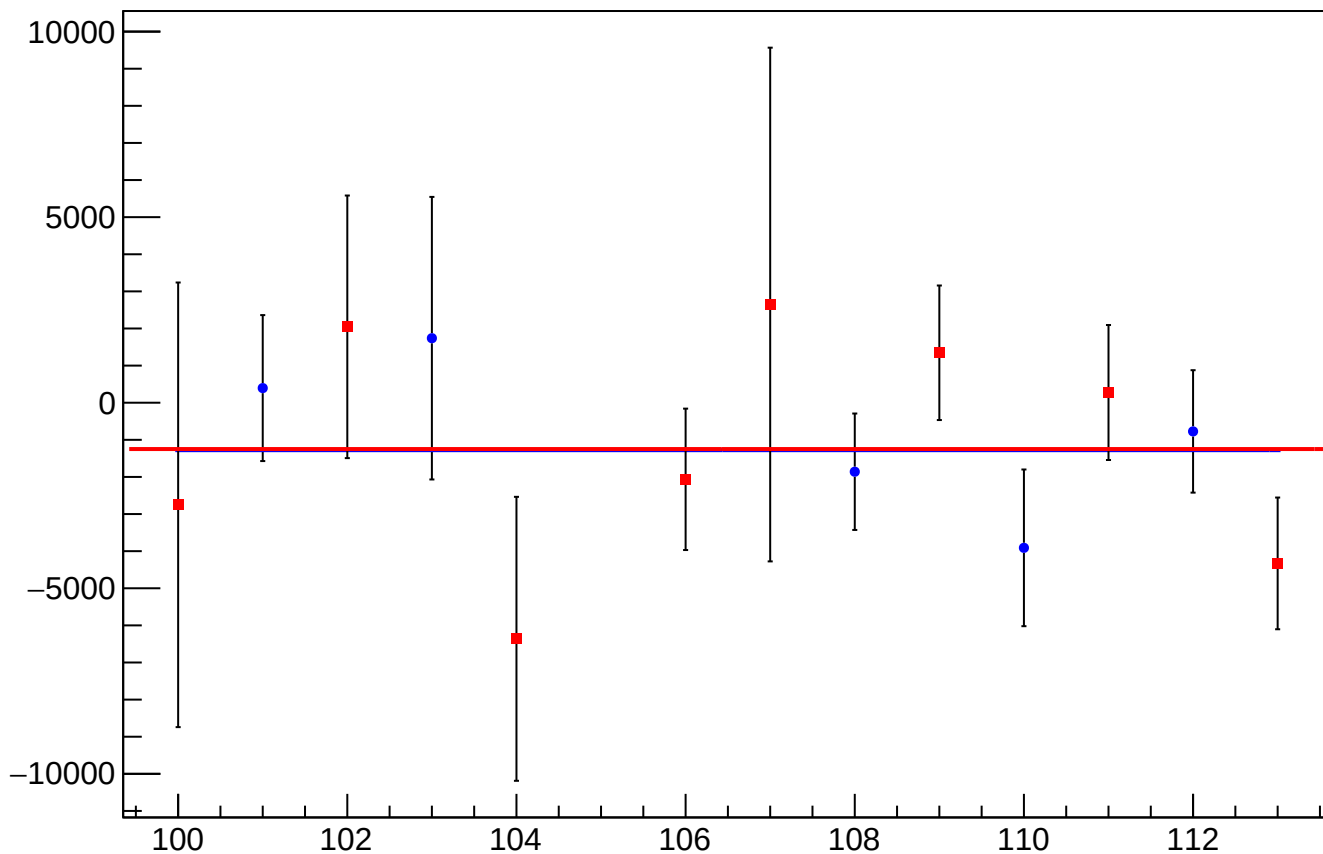
Right: 2201.406+/-0.677 χ^2/NDF : 665785.9/12

In: 2199.984+/-1.036 χ^2/NDF : 543537.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2201.406+/-0.677 χ^2/NDF : 665785.9/12

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: -1248.397+/-846.108 χ^2/NDF : 9.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

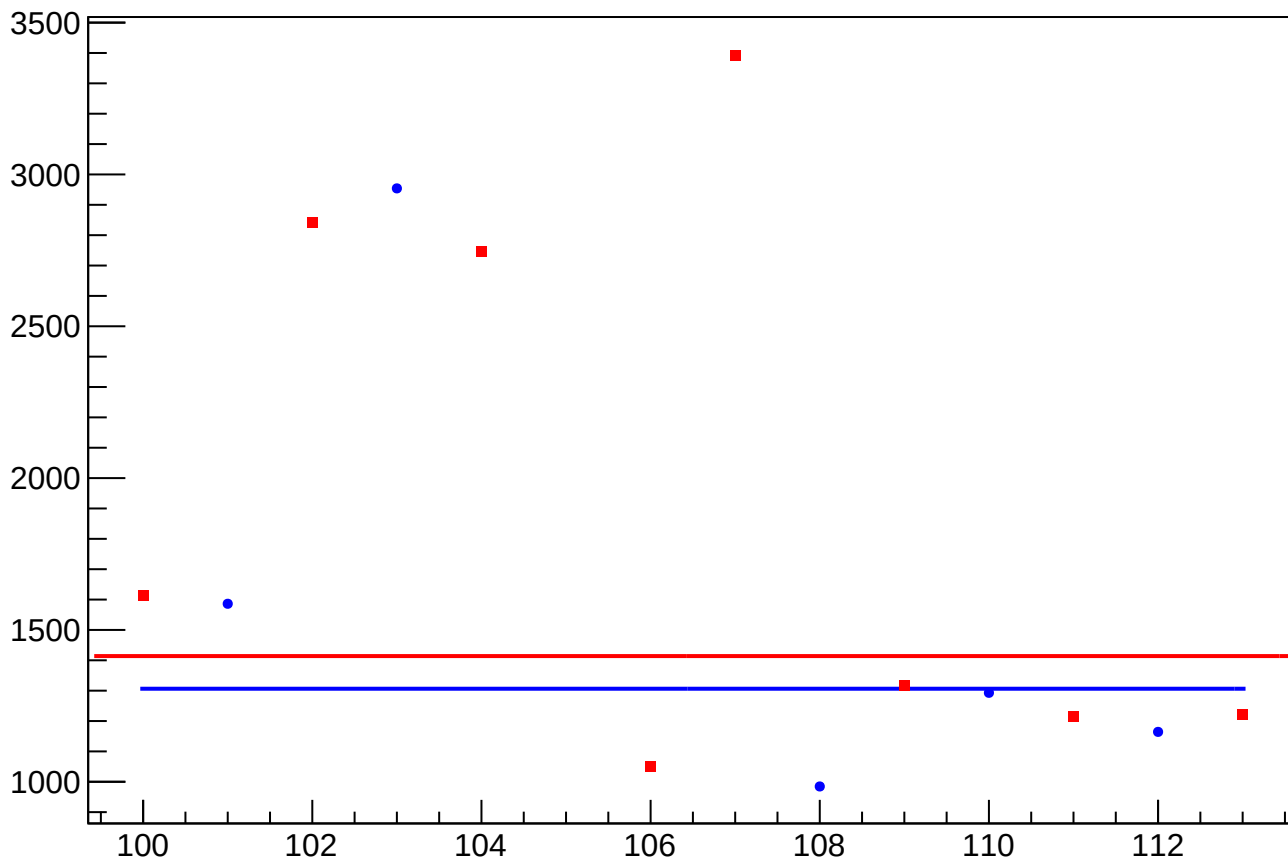
Right: -1263.232+/-606.034 χ^2/NDF : 12.1/12

In: -1278.861+/-868.451 χ^2/NDF : 3.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1263.232+/-606.034 χ^2/NDF : 12.1/12

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: 1413.918+/-0.598 χ^2/NDF : 861125.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

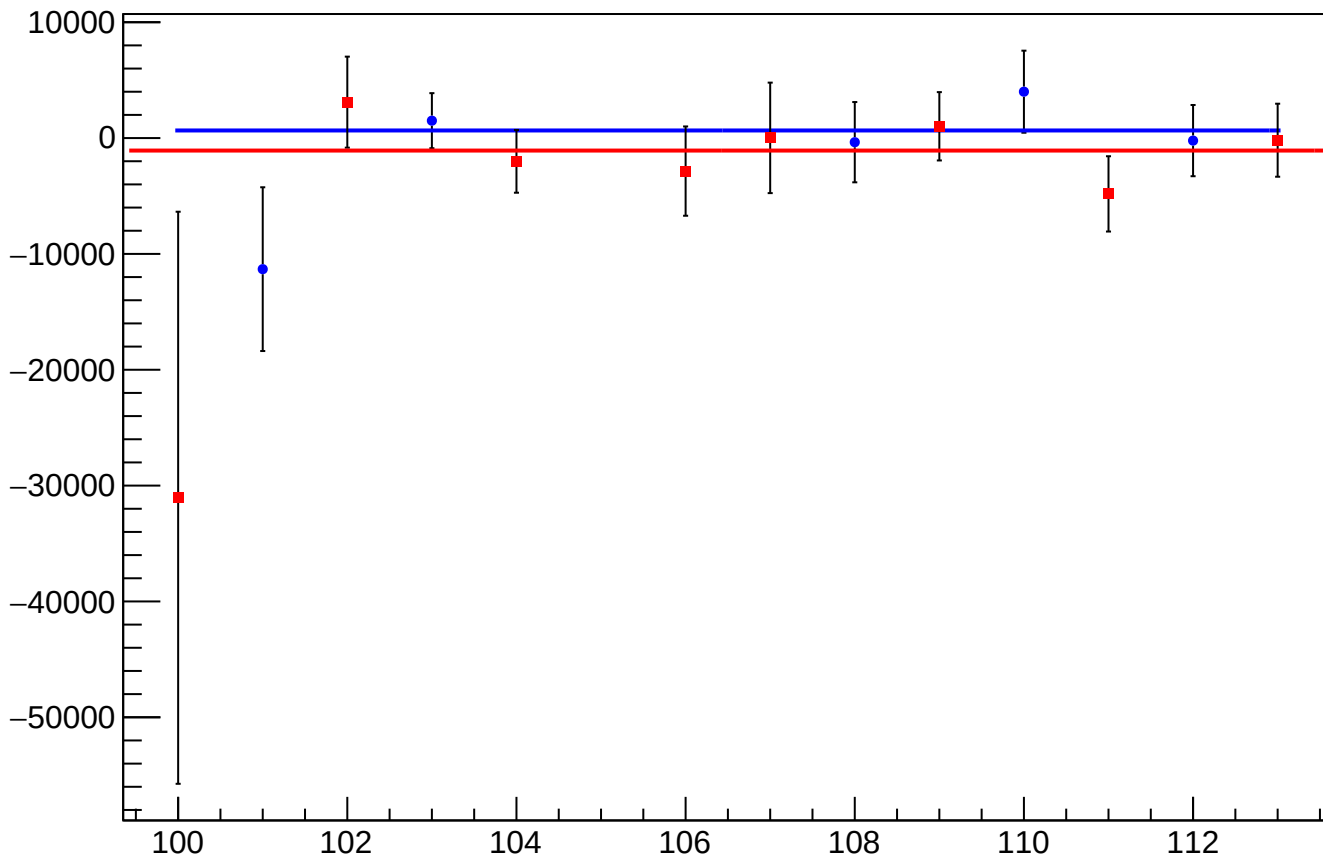
Right: 1361.554+/-0.429 χ^2/NDF : 1391116.5/12

In: 1306.388+/-0.614 χ^2/NDF : 514261.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1361.554+/-0.429 χ^2/NDF : 1391116.5/12

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: -1078.025+/-1265.675 χ^2/NDF : 4.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

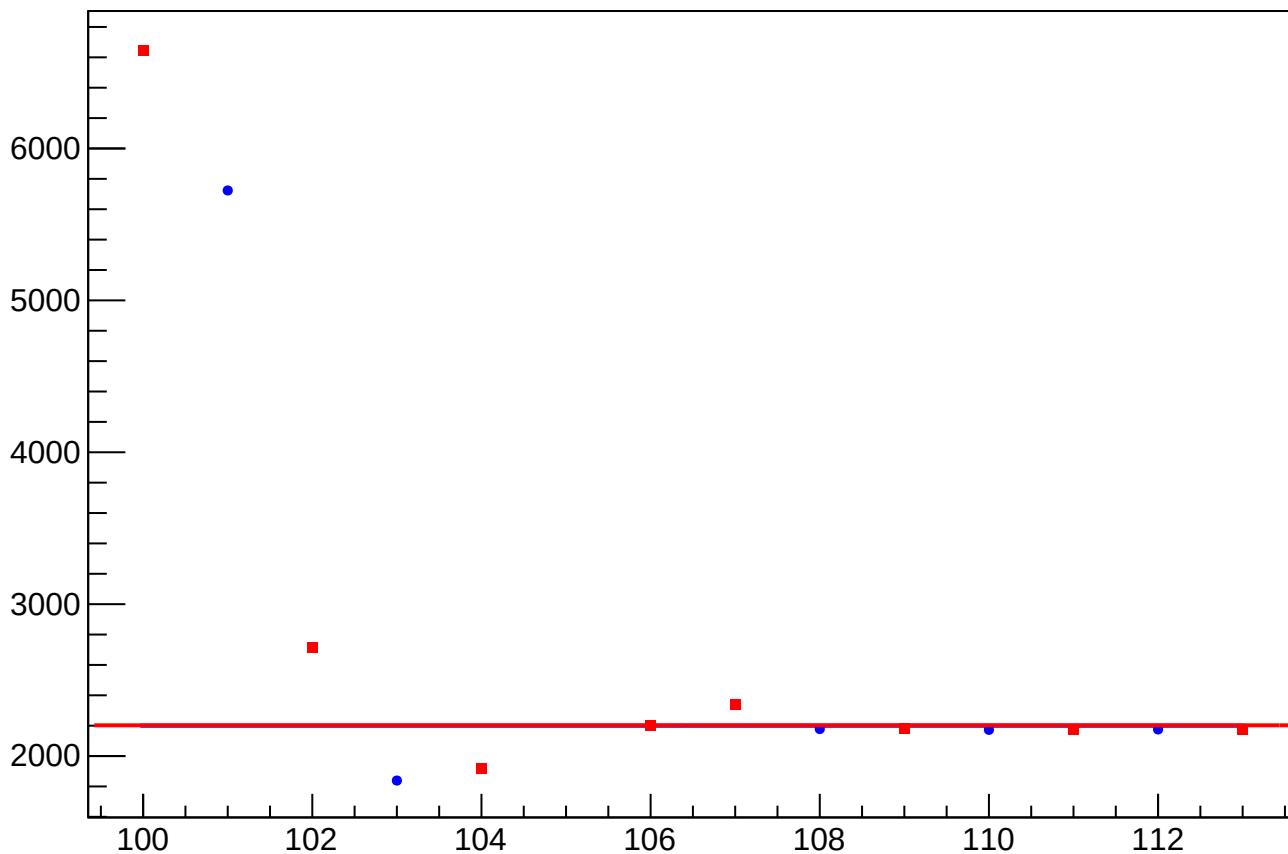
Right: -336.835+/-957.758 χ^2/NDF : 9.8/12

In: 656.243+/-1465.039 χ^2/NDF : 4.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -336.835+/-957.758 χ^2/NDF : 9.8/12

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: 2202.467+/-0.895 χ^2/NDF : 122245.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

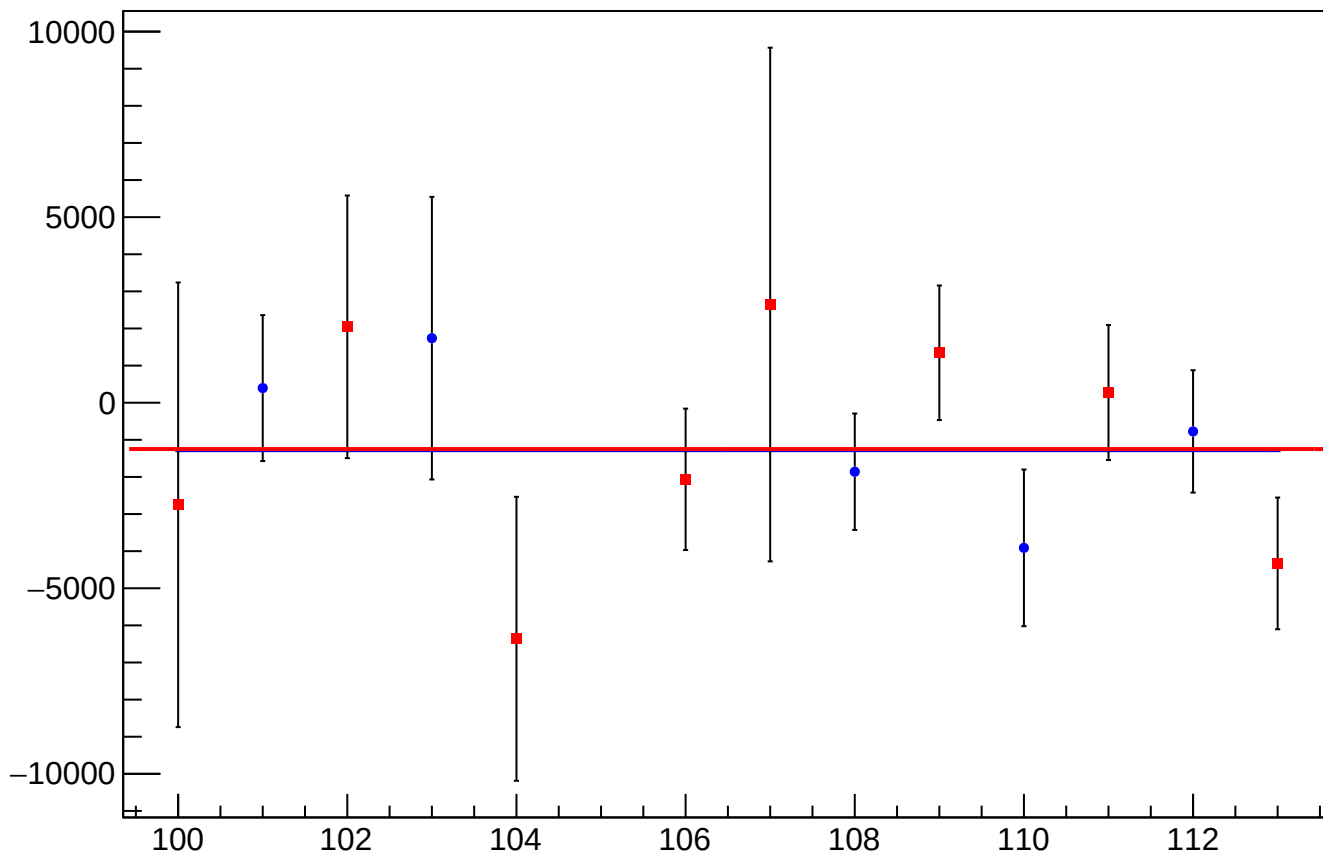
Right: 2201.406+/-0.677 χ^2/NDF : 665786.0/12

In: 2199.984+/-1.036 χ^2/NDF : 543537.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2201.406+/-0.677 χ^2/NDF : 665786.0/12

asym_at1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1278.862+/-868.450 χ^2/NDF : 3.1/4

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

Right Out: -1248.393+/-846.108 χ^2/NDF : 9.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

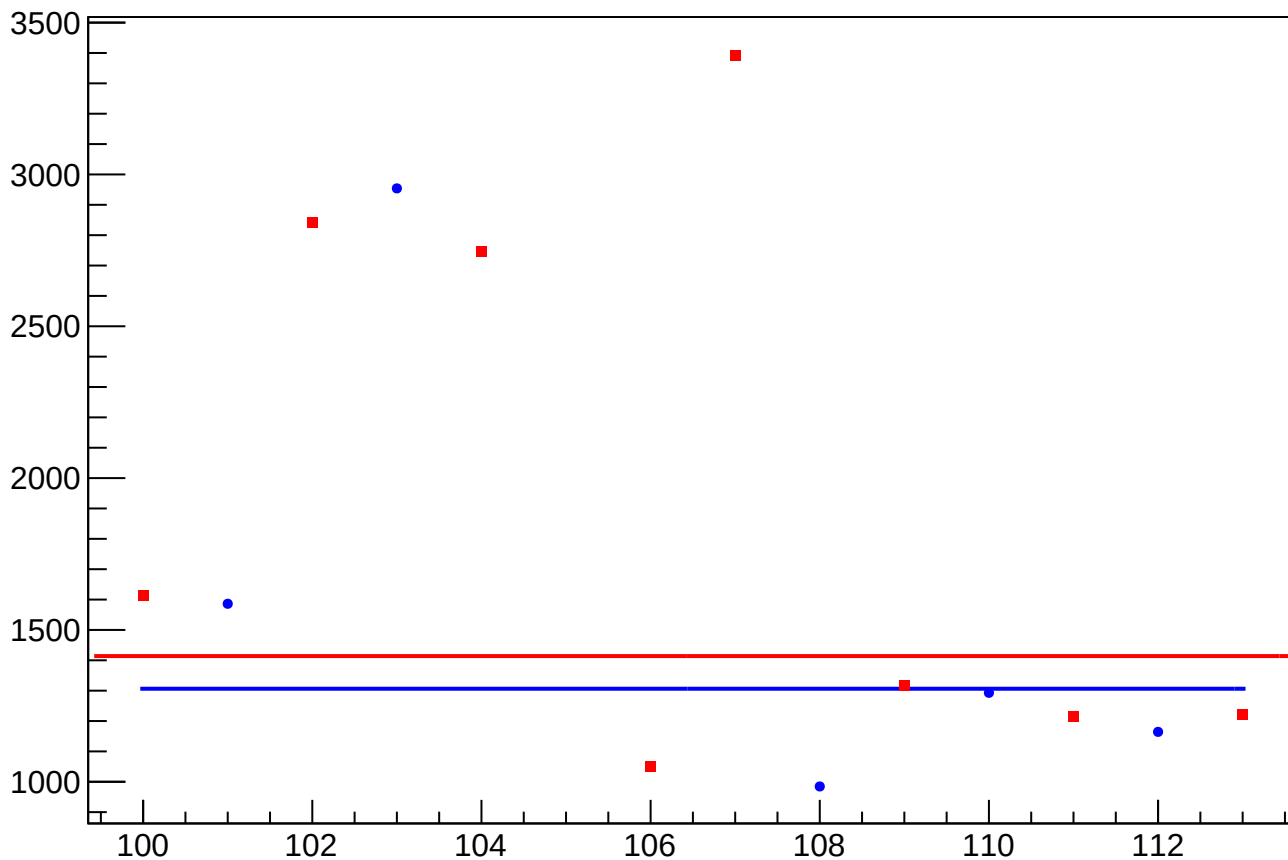
Right: -1263.231+/-606.033 χ^2/NDF : 12.1/12

In: -1278.862+/-868.450 χ^2/NDF : 3.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1263.231+/-606.033 χ^2/NDF : 12.1/12

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: 1413.917+/-0.598 χ^2/NDF : 861127.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

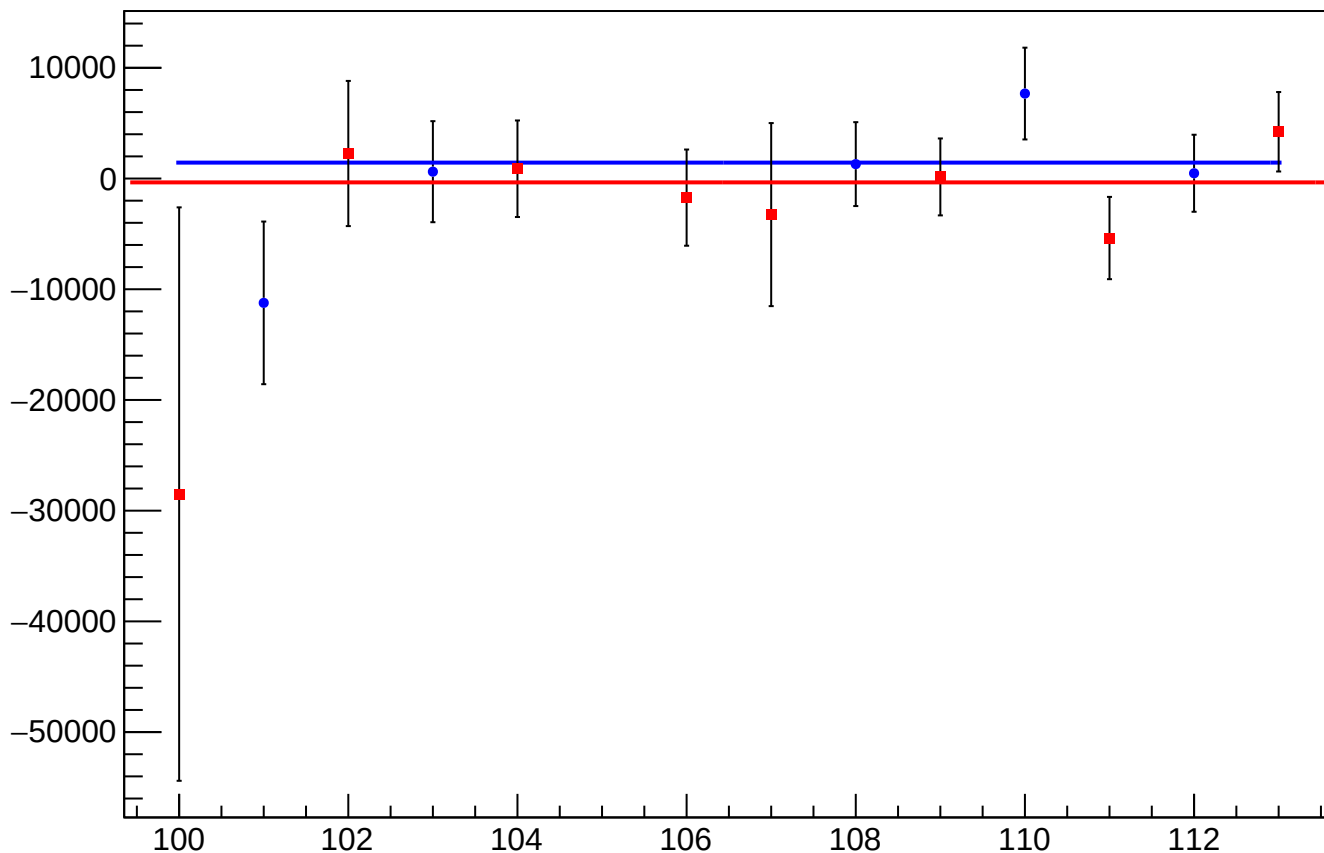
Right: 1361.553+/-0.429 χ^2/NDF : 1391122.0/12

In: 1306.387+/-0.614 χ^2/NDF : 514263.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1361.553+/-0.429 χ^2/NDF : 1391122.0/12

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: -347.922+/-1626.886 χ^2/NDF : 5.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

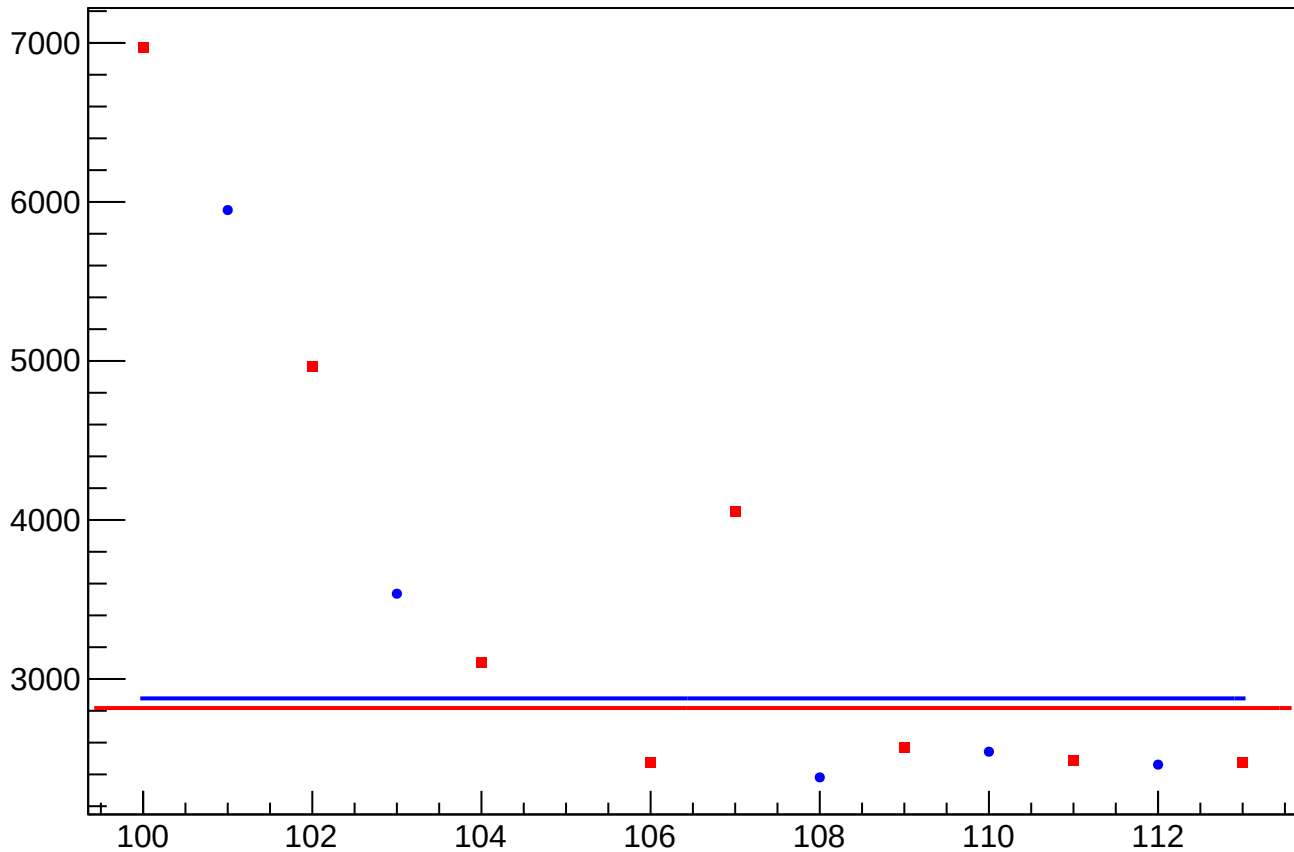
Right: 407.775+/-1235.721 χ^2/NDF : 11.0/12

In: 1438.318+/-1899.837 χ^2/NDF : 5.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 407.775+/-1235.721 χ^2/NDF : 11.0/12

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: 2817.367+/-1.150 χ^2/NDF : 376822.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

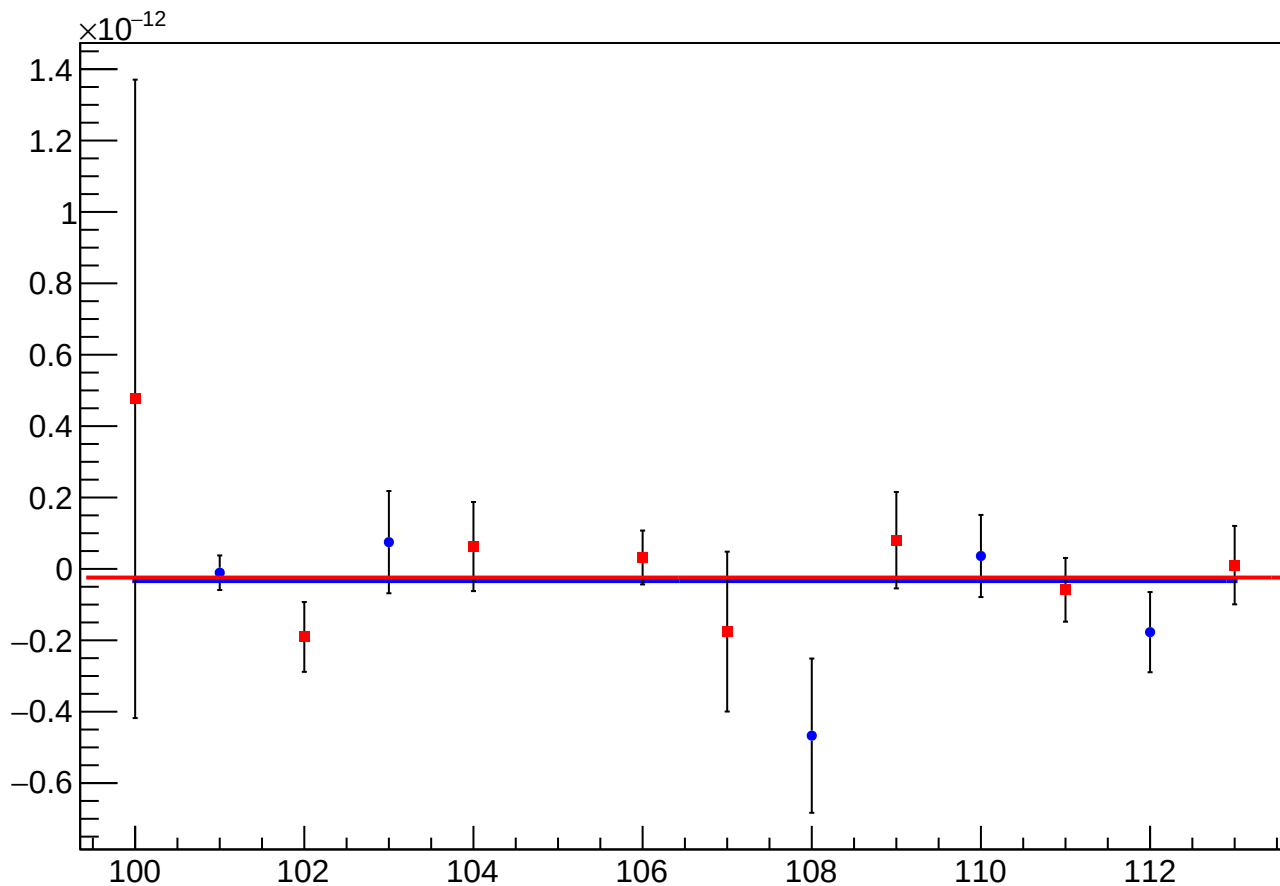
Right: 2843.006+/-0.874 χ^2/NDF : 845330.6/12

In: 2877.971+/-1.343 χ^2/NDF : 467333.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2843.006+/-0.874 χ^2/NDF : 845330.6/12

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 : 5.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

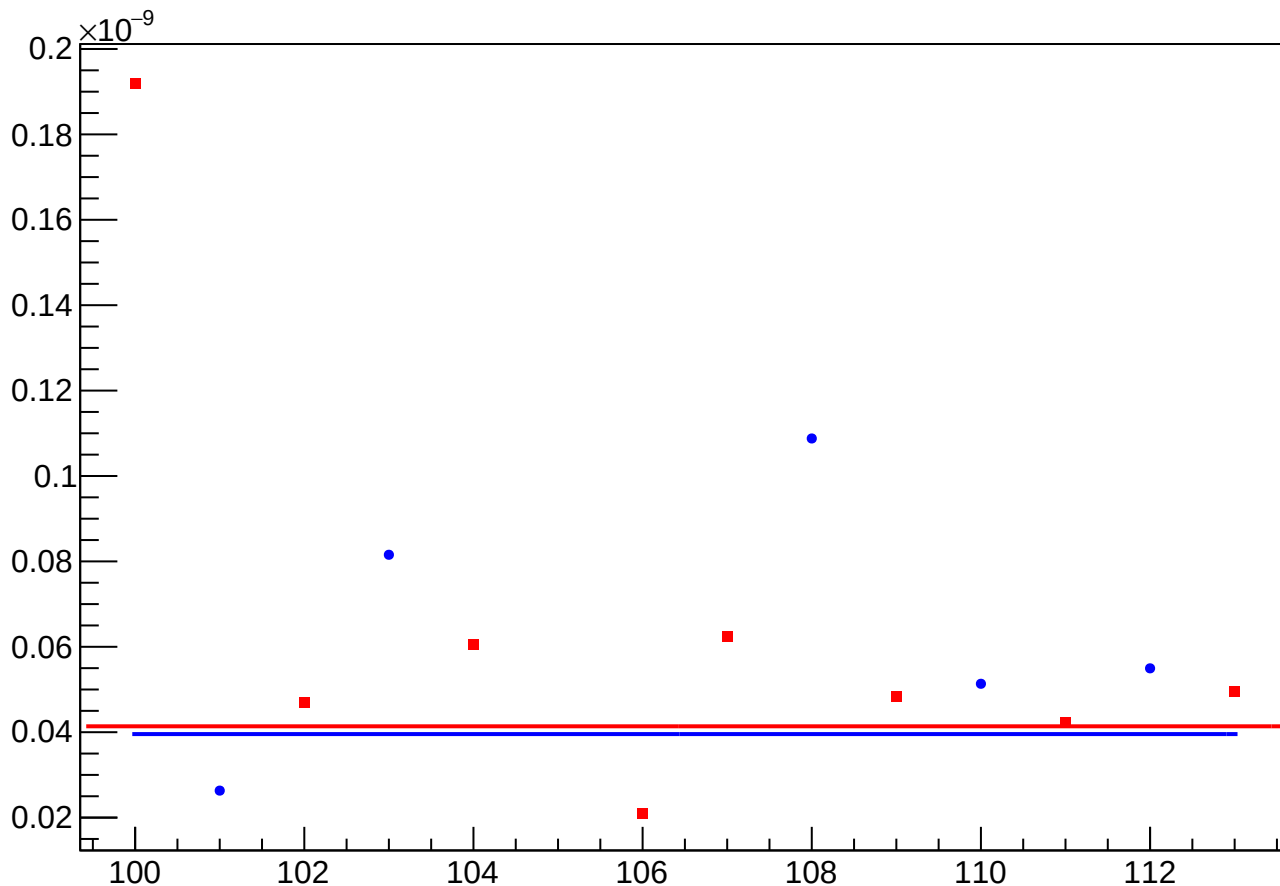
Right: -0.000+/-0.000 χ^2/NDF : 12.4/12

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 : 12.4/12

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 : 291297.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

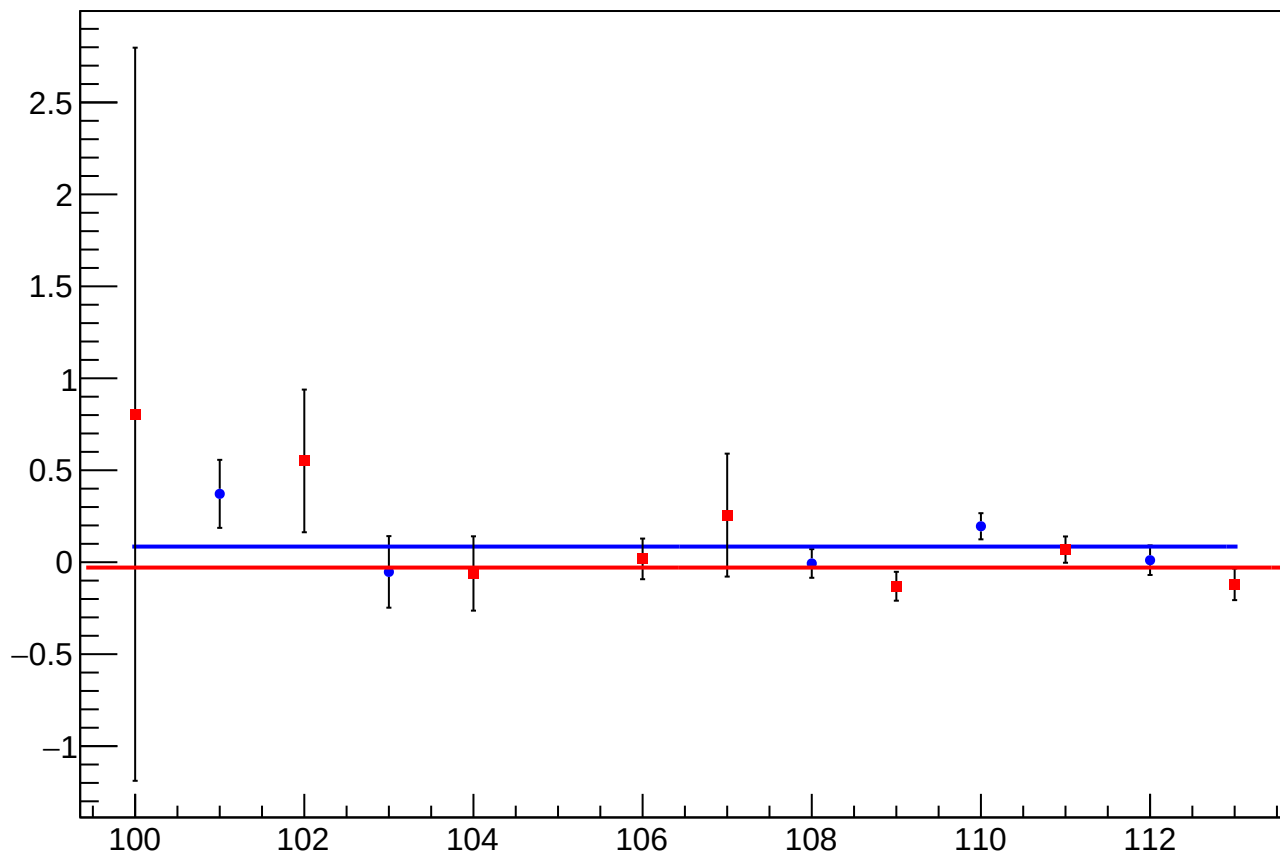
Right: 0.000+/-0.000 χ^2/NDF : 878579.0/12

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 : 878579.0/12

asym_at1_dd_dit_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: -0.029+/-0.040 χ^2/NDF : 8.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

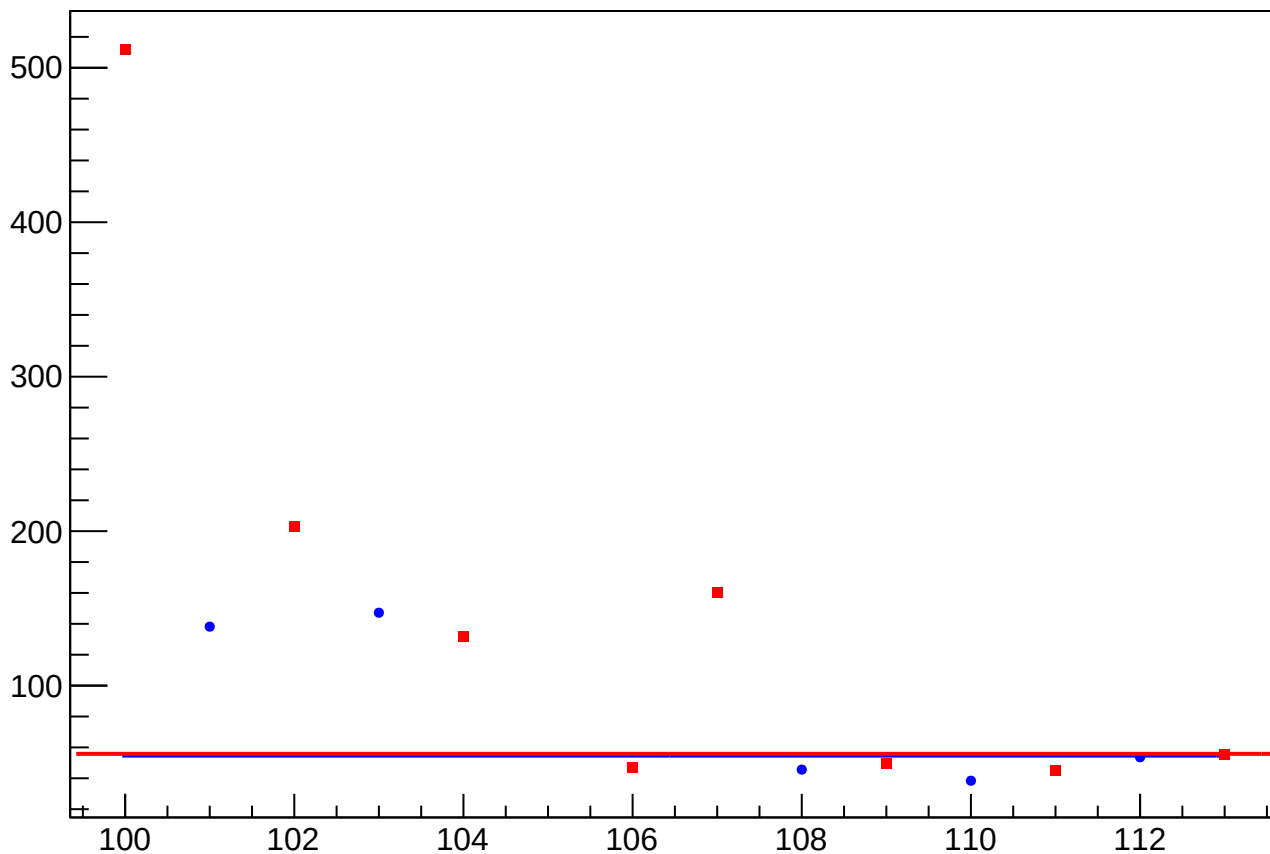
Right: 0.026+/-0.029 χ^2/NDF : 19.4/12

In: 0.085+/-0.042 χ^2/NDF : 7.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.026+/-0.029 χ^2/NDF : 19.4/12

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: 55.830+/-0.028 χ^2/NDF : 943834.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

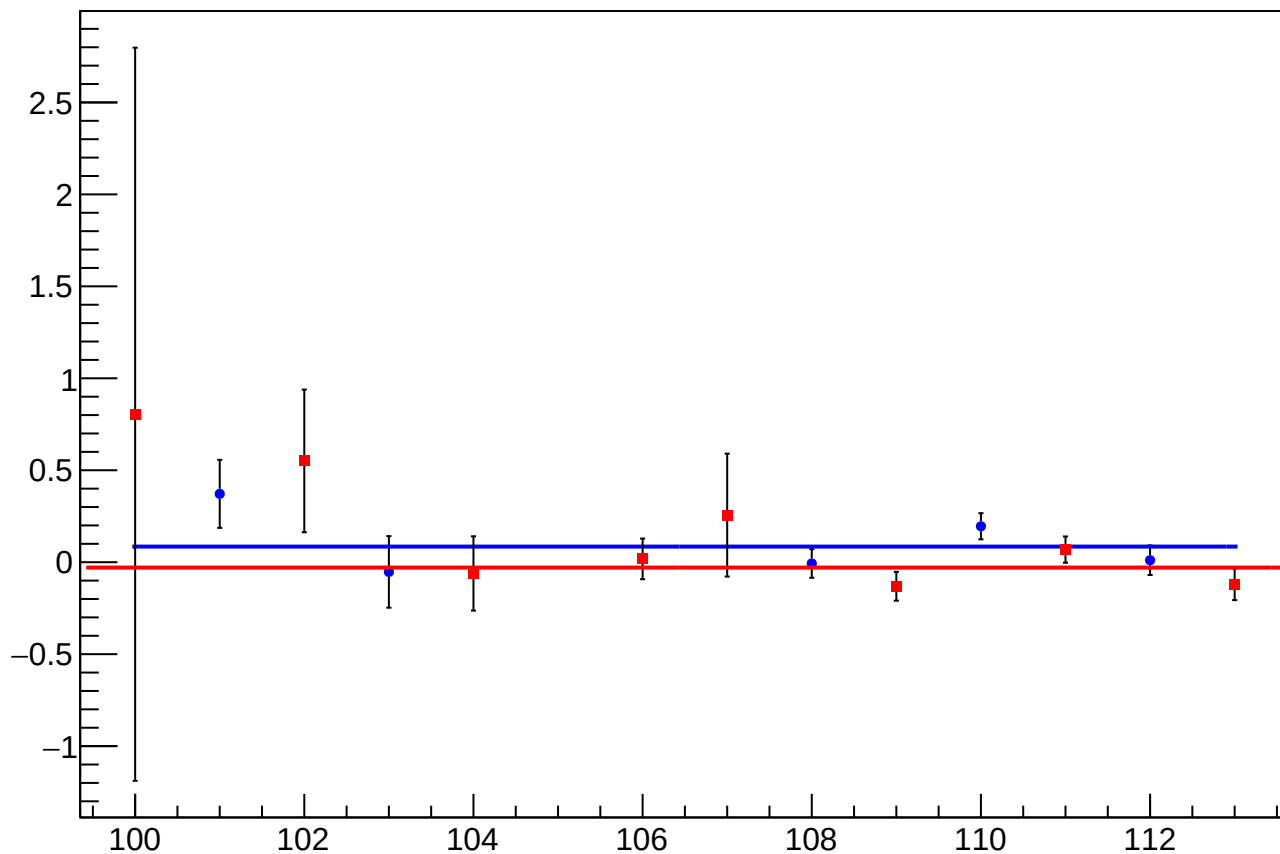
Right: 55.285+/-0.021 χ^2/NDF : 1936430.1/12

In: 54.700+/-0.030 χ^2/NDF : 991836.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.285+/-0.021 χ^2/NDF : 1936430.1/12

asym_at1_dd_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: -0.029+/-0.040 χ^2/NDF : 8.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

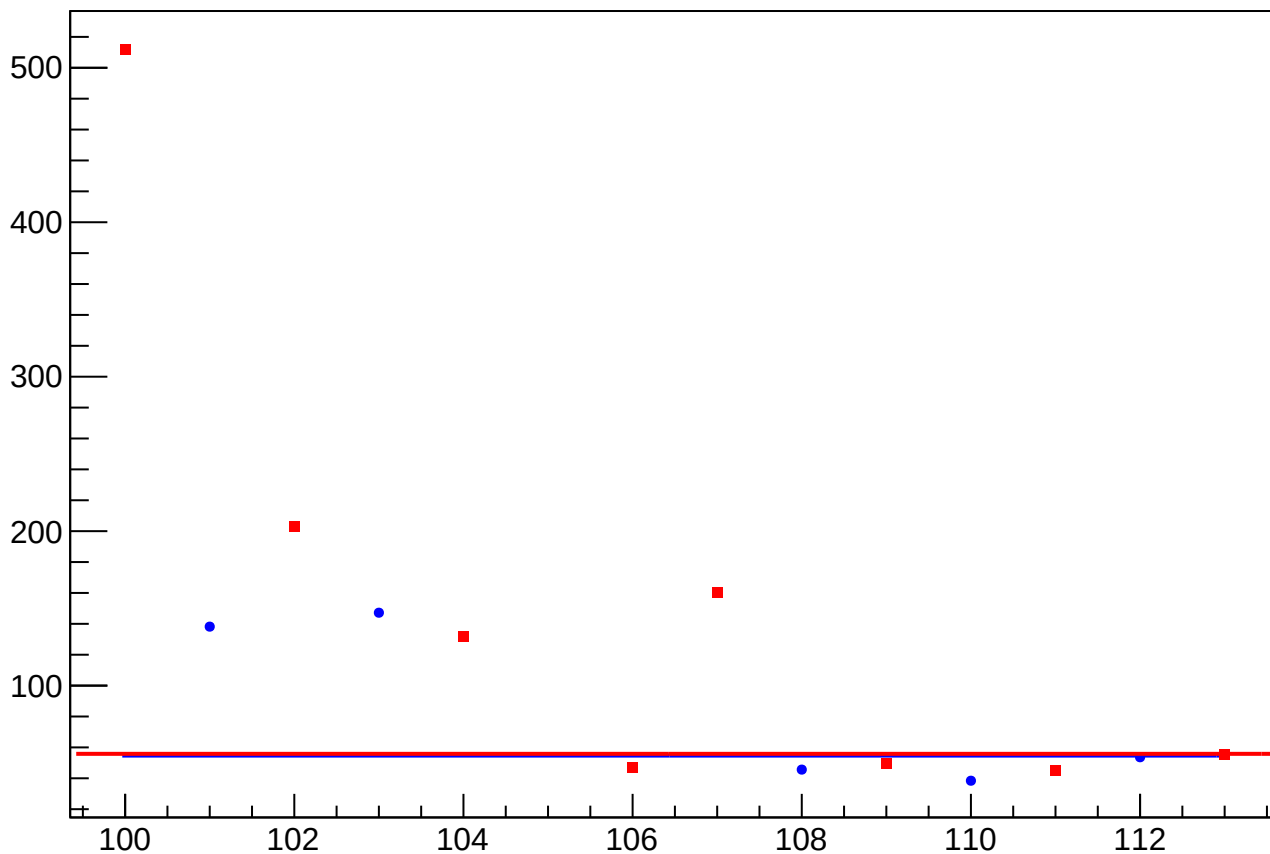
Right: 0.026+/-0.029 χ^2/NDF : 19.4/12

In: 0.085+/-0.042 χ^2/NDF : 7.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.026+/-0.029 χ^2/NDF : 19.4/12

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: 55.830+/-0.028 χ^2/NDF : 943834.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

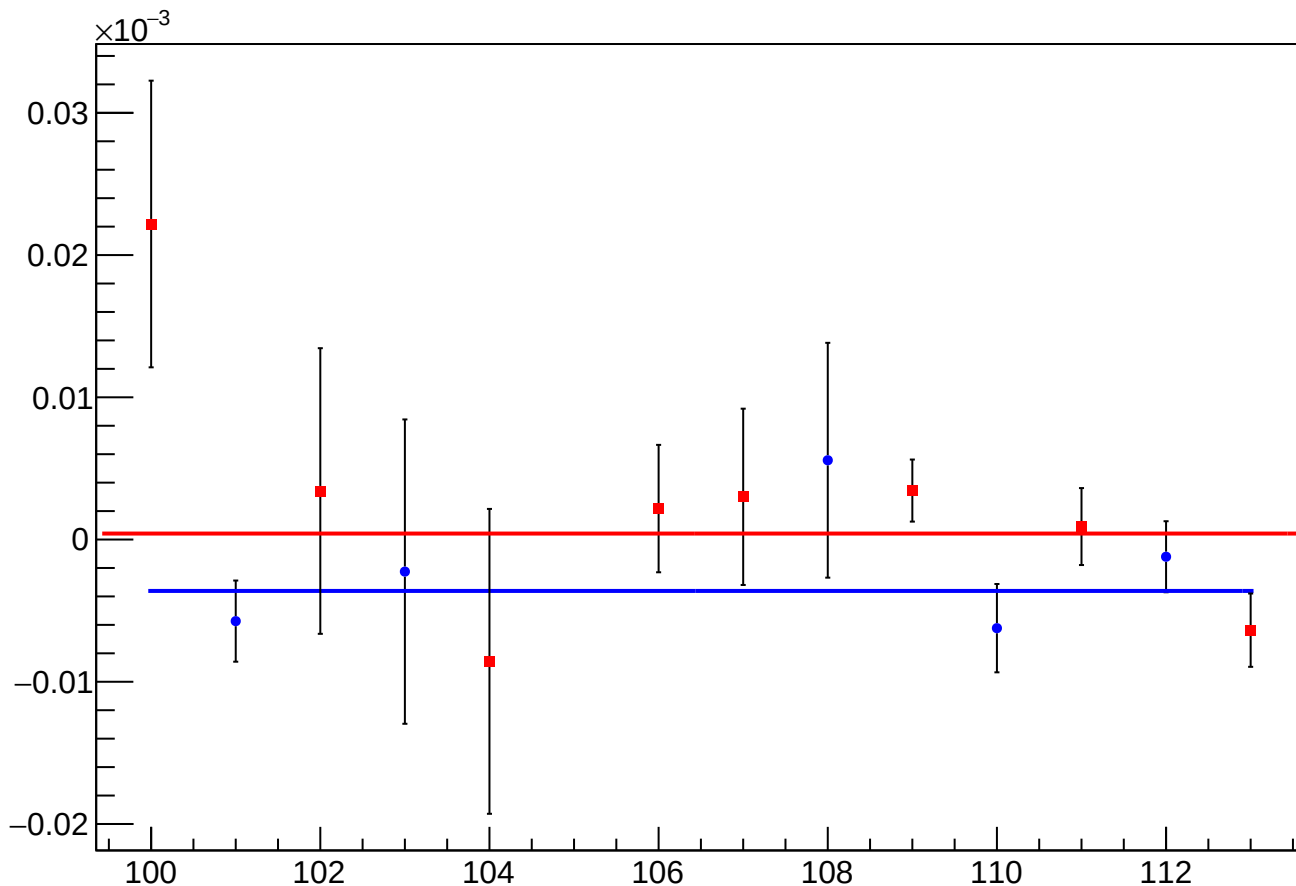
Right: 55.285+/-0.021 χ^2/NDF : 1936430.1/12

In: 54.700+/-0.030 χ^2/NDF : 991836.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.285+/-0.021 χ^2/NDF : 1936430.1/12

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 : 14.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

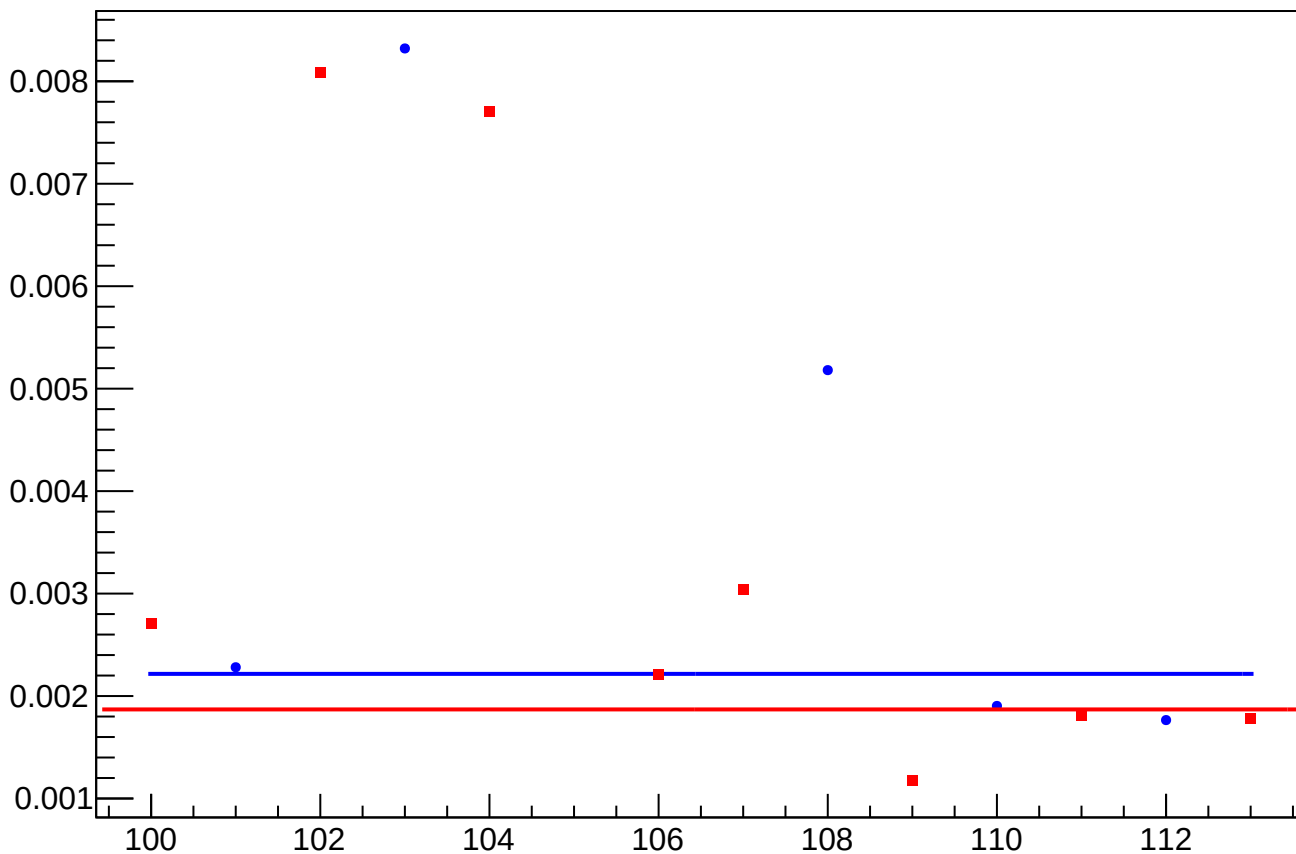
Right: -0.000+/-0.000 χ^2/NDF : 22.1/12

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 : 22.1/12

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 : 1662492.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

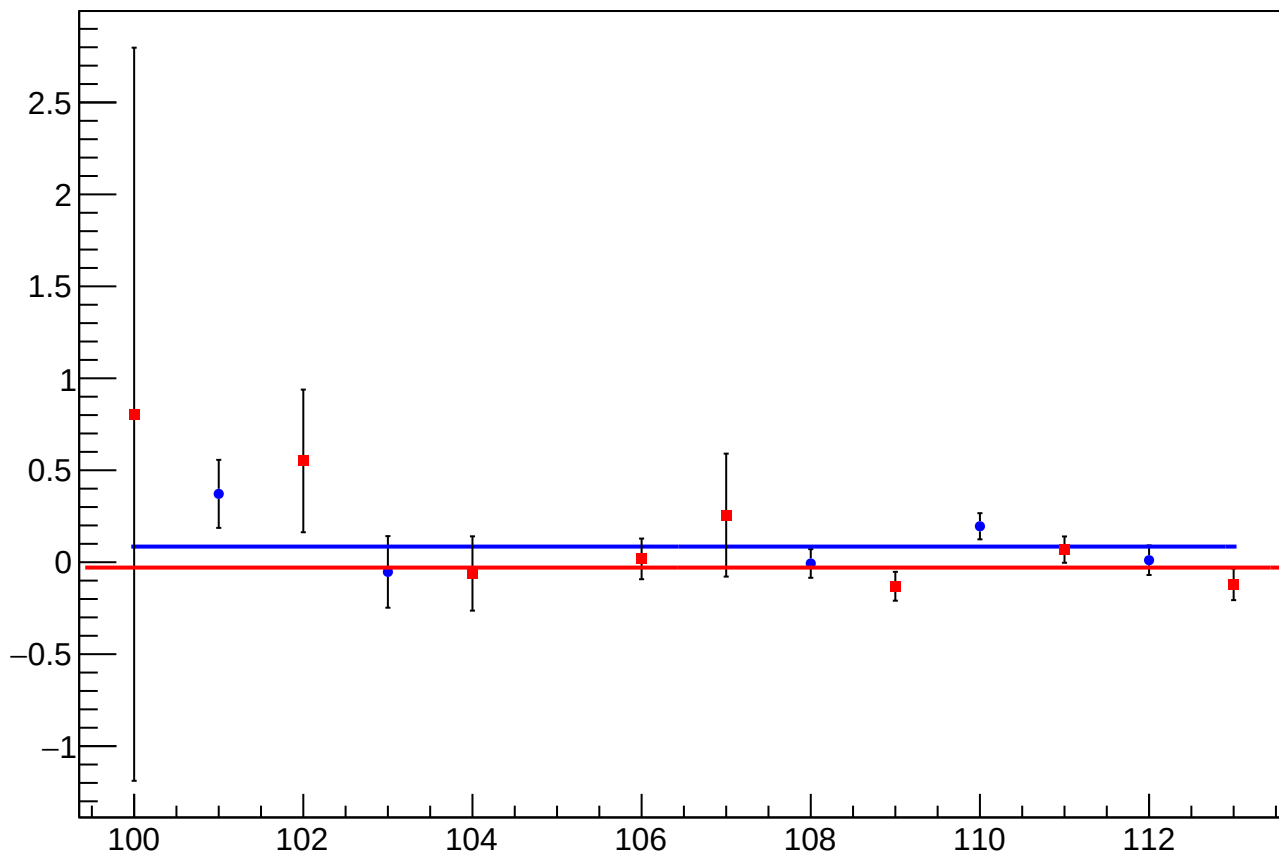
Right: 0.002+/-0.000 χ^2/NDF : 2716685.1/12

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 : 2716685.1/12

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: -0.029 $\pm$ 0.040 χ^2/NDF : 8.0/7

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

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

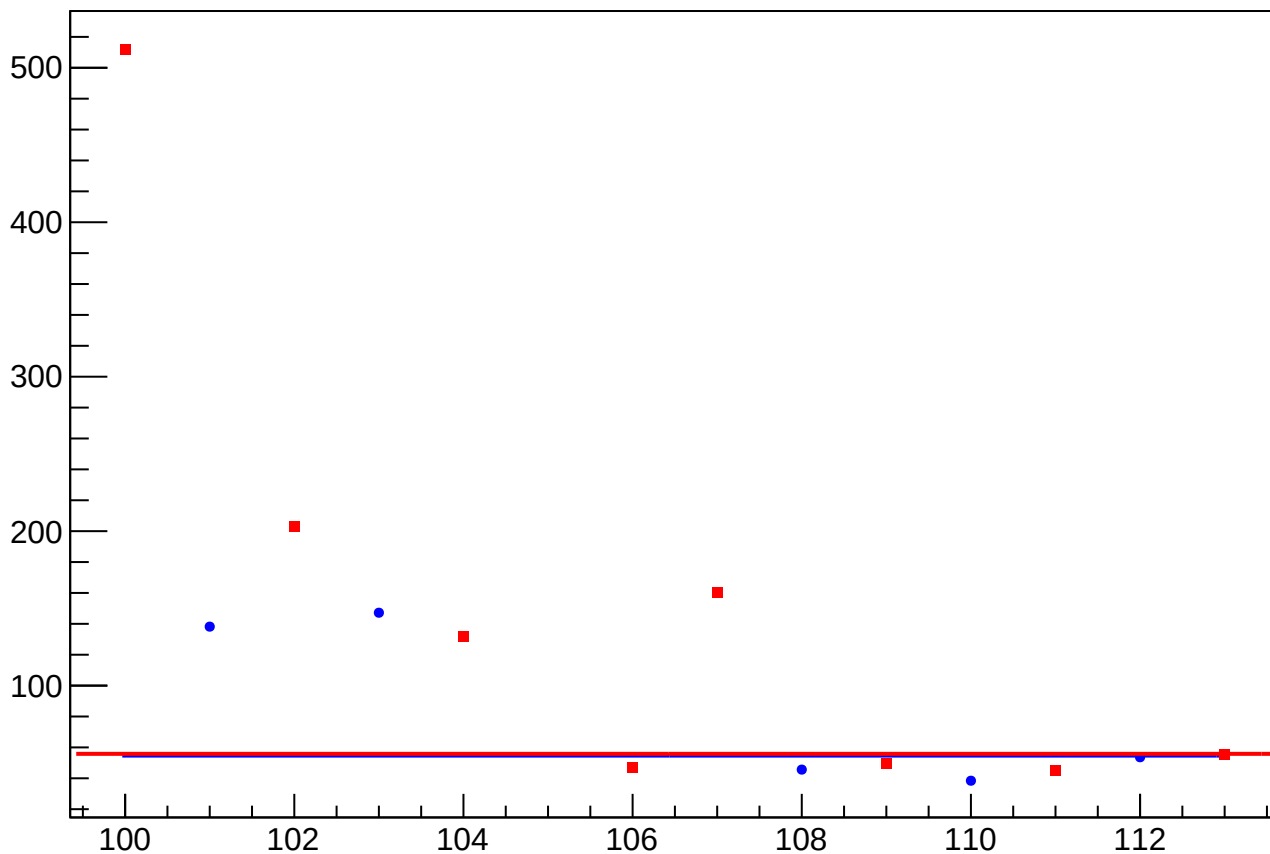
Right: 0.026 $\pm$ 0.029 χ^2/NDF : 19.4/12

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: 0.026 $\pm$ 0.029 χ^2/NDF : 19.4/12

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: 55.830+/-0.028 χ^2/NDF : 943799.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

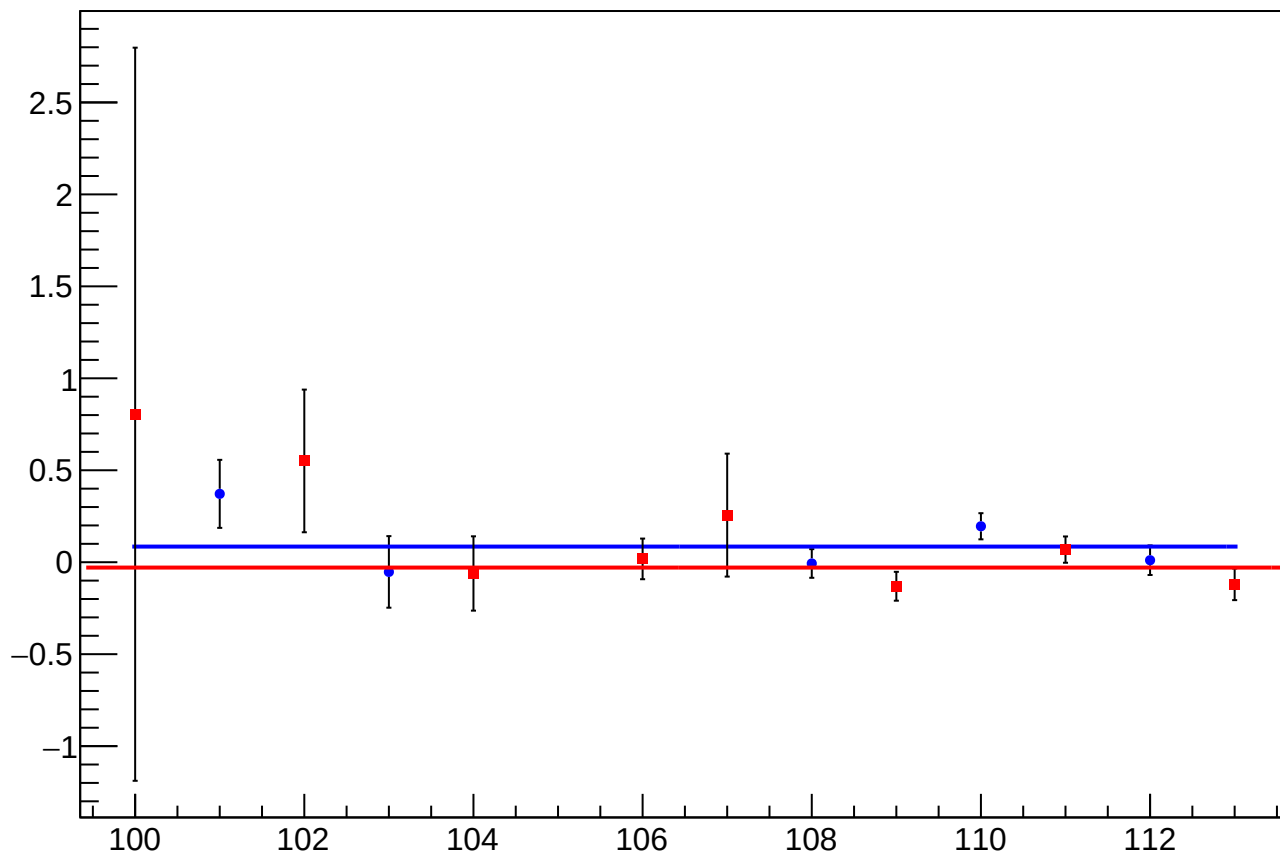
Right: 55.285+/-0.021 χ^2/NDF : 1936361.3/12

In: 54.700+/-0.030 χ^2/NDF : 991803.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.285+/-0.021 χ^2/NDF : 1936361.3/12

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: -0.029+/-0.040 χ^2/NDF : 8.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

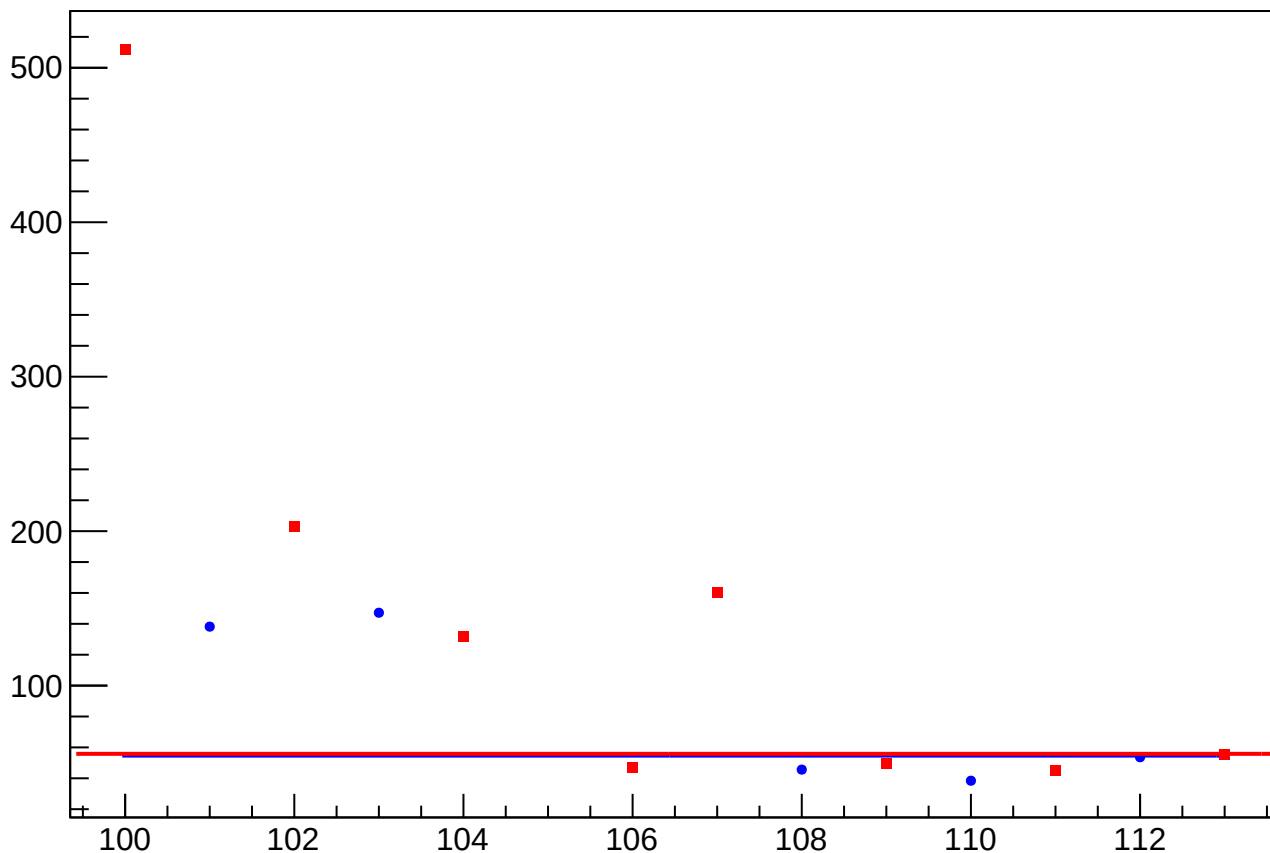
Right: 0.026+/-0.029 χ^2/NDF : 19.4/12

In: 0.085+/-0.042 χ^2/NDF : 7.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.026+/-0.029 χ^2/NDF : 19.4/12

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: 55.830+/-0.028 χ^2/NDF : 943799.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

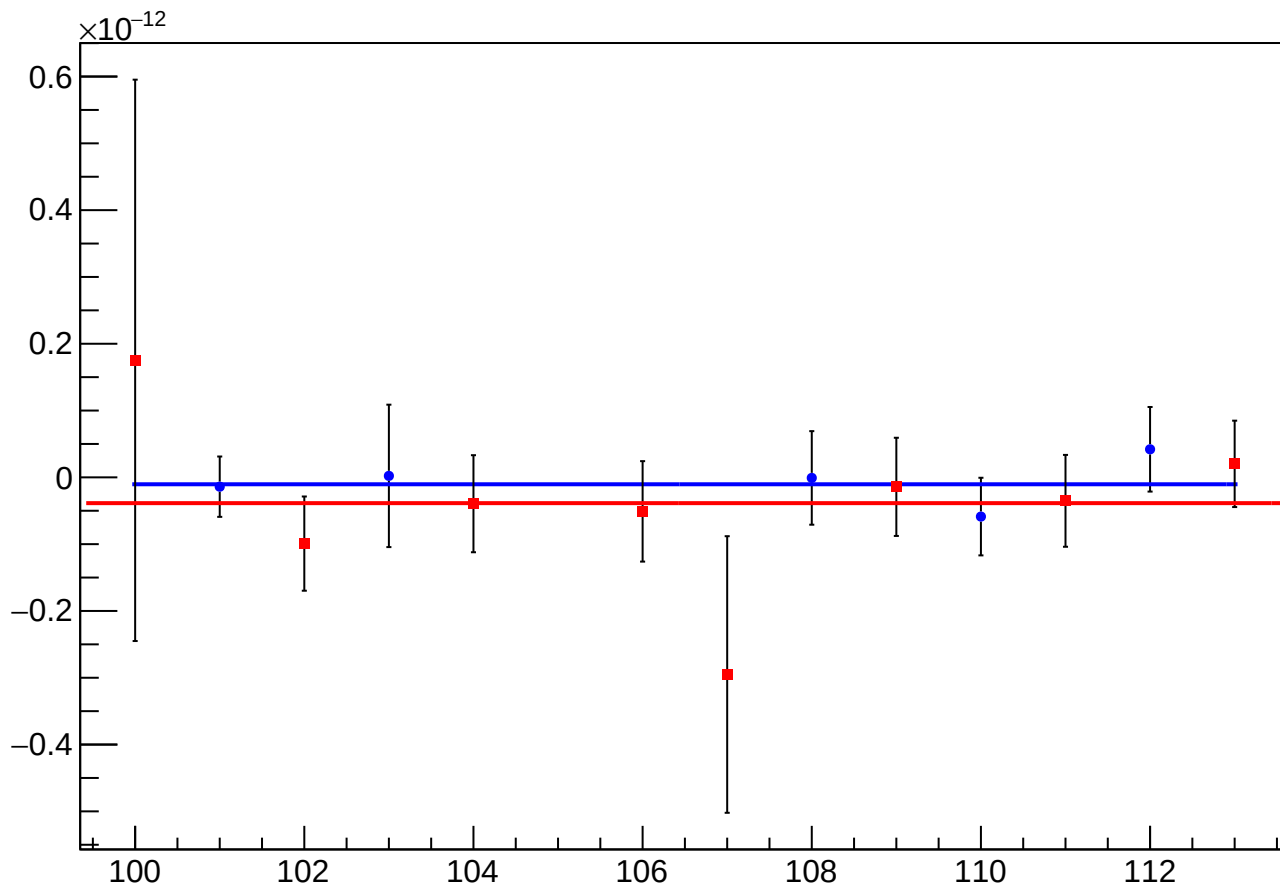
Right: 55.285+/-0.021 χ^2/NDF : 1936361.3/12

In: 54.700+/-0.030 χ^2/NDF : 991803.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.285+/-0.021 χ^2/NDF : 1936361.3/12

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 : 3.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

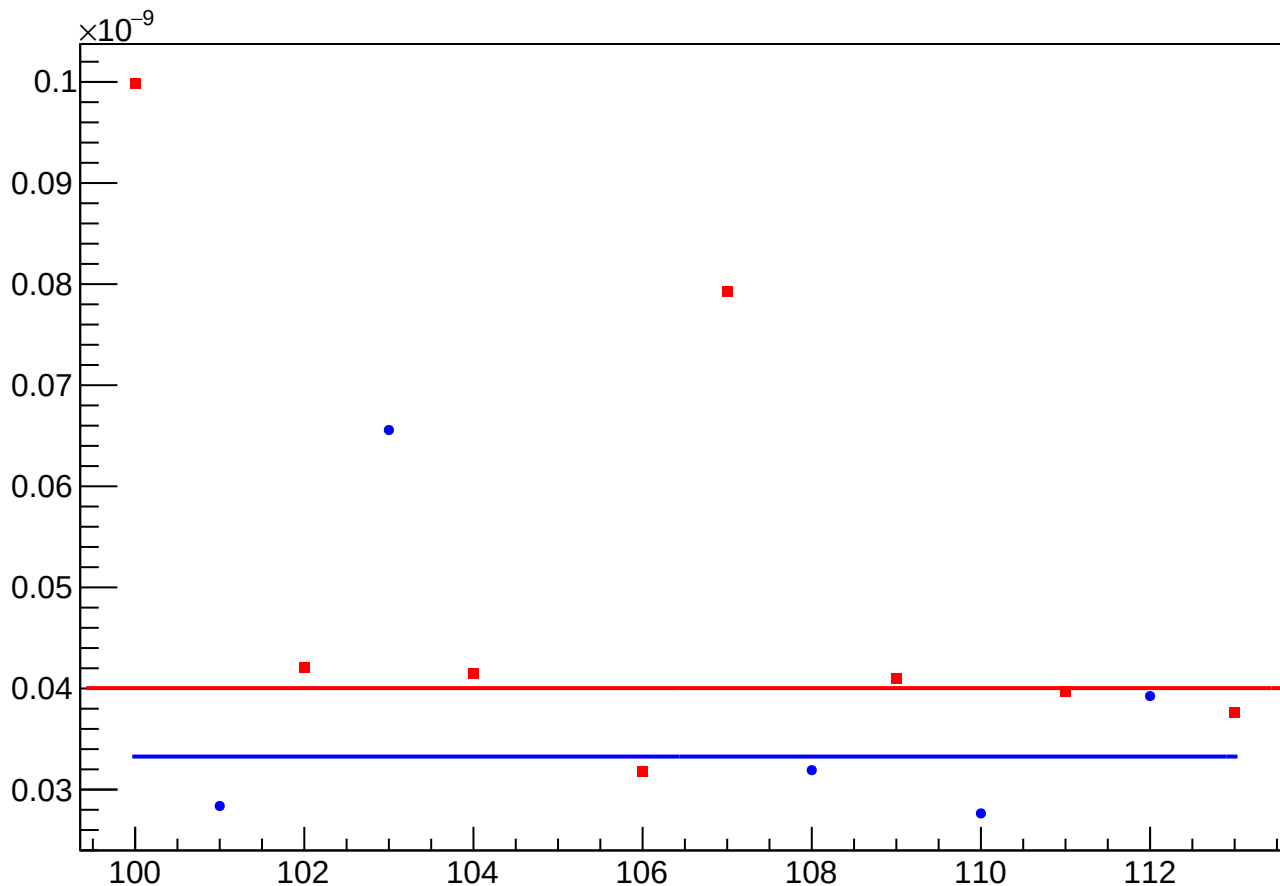
Right: -0.000+/-0.000 χ^2/NDF : 5.4/12

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 : 5.4/12

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 : 142434.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

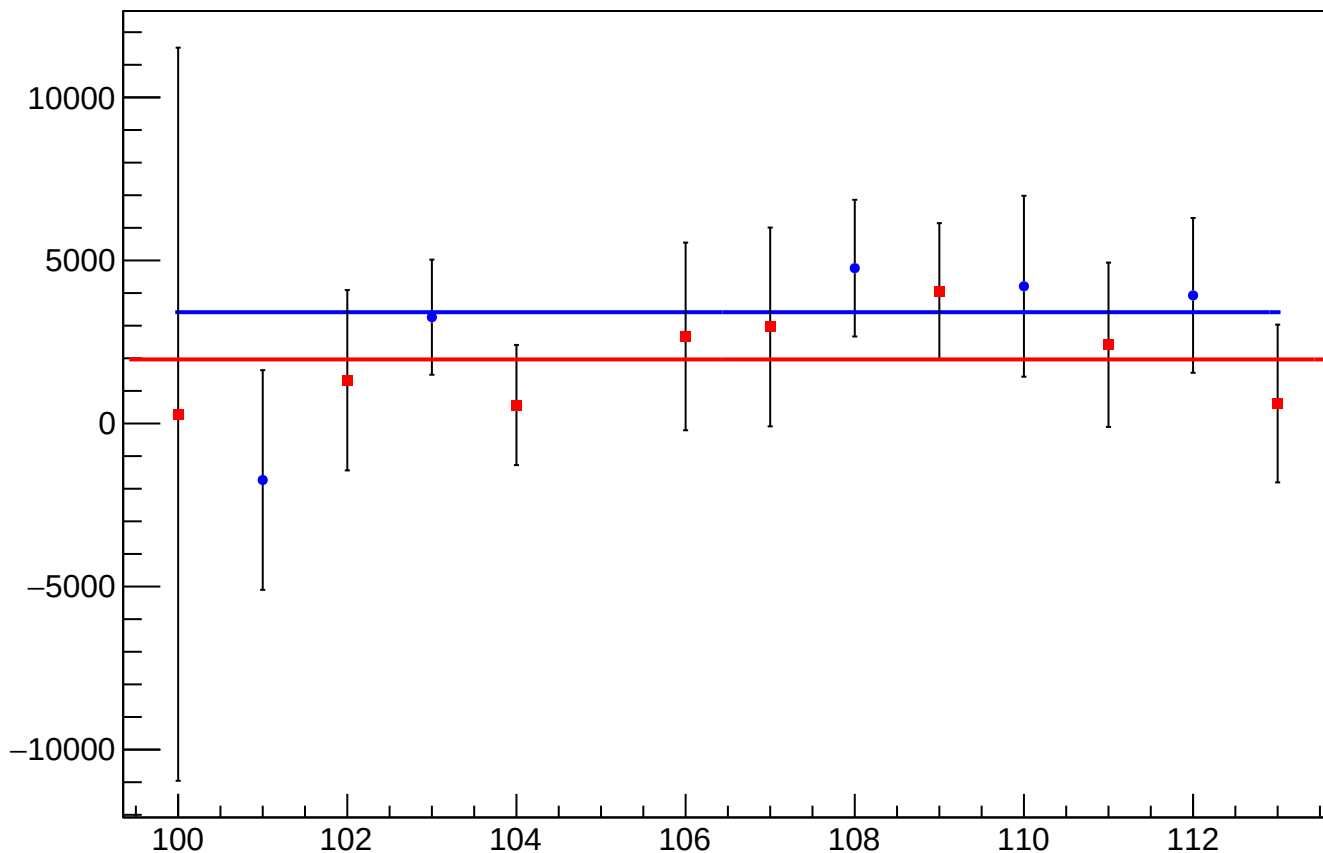
Right: 0.000+/-0.000 χ^2/NDF : 445495.4/12

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 : 445495.4/12

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: 1964.994+/-905.954 χ^2 /NDF: 2.2/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

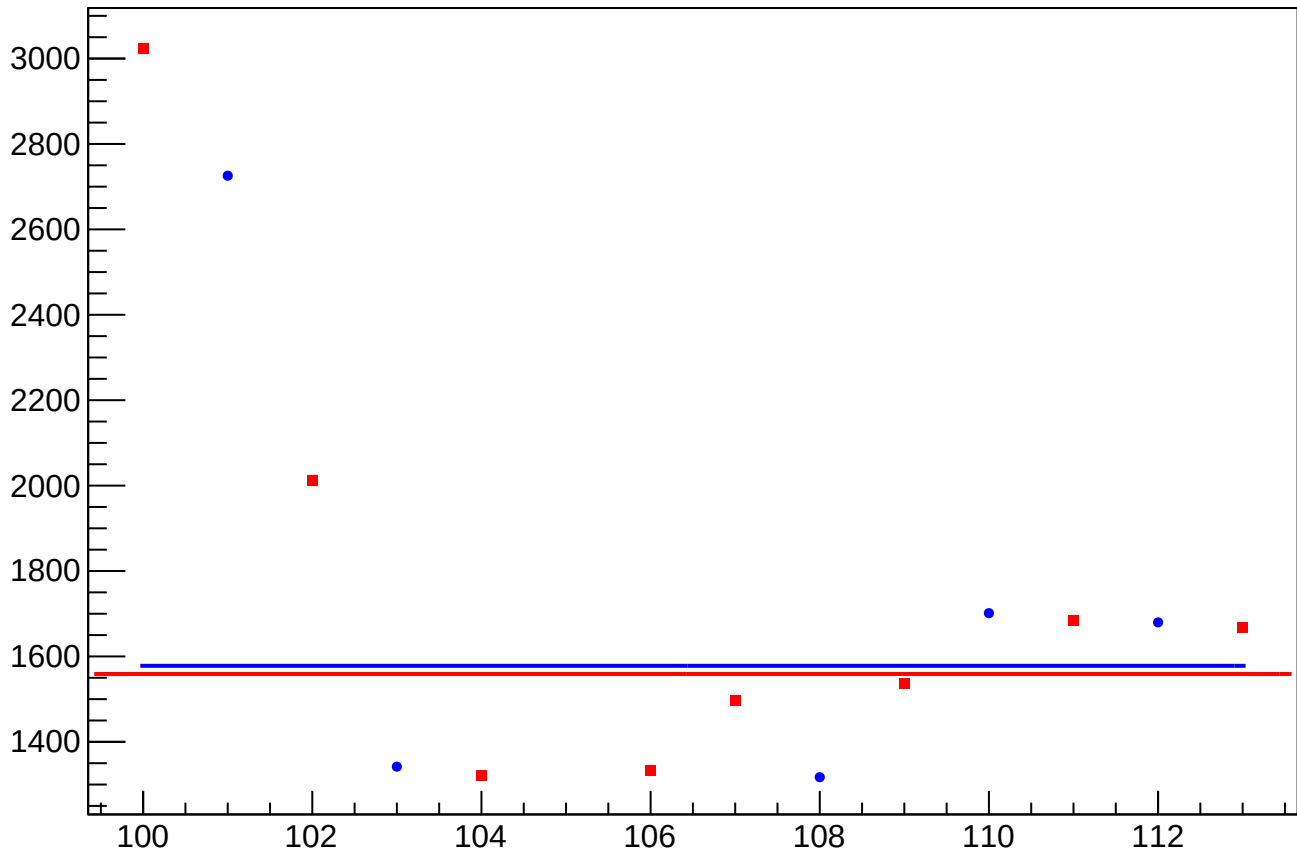
Right: 2597.393+/-679.976 χ^2 /NDF: 6.2/12

In: 3413.277+/-1029.022 χ^2 /NDF:2.9/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2597.393+/-679.976 χ^2 /NDF: 6.2/12

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: 1558.985+/-0.641 χ^2/NDF : 143799.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

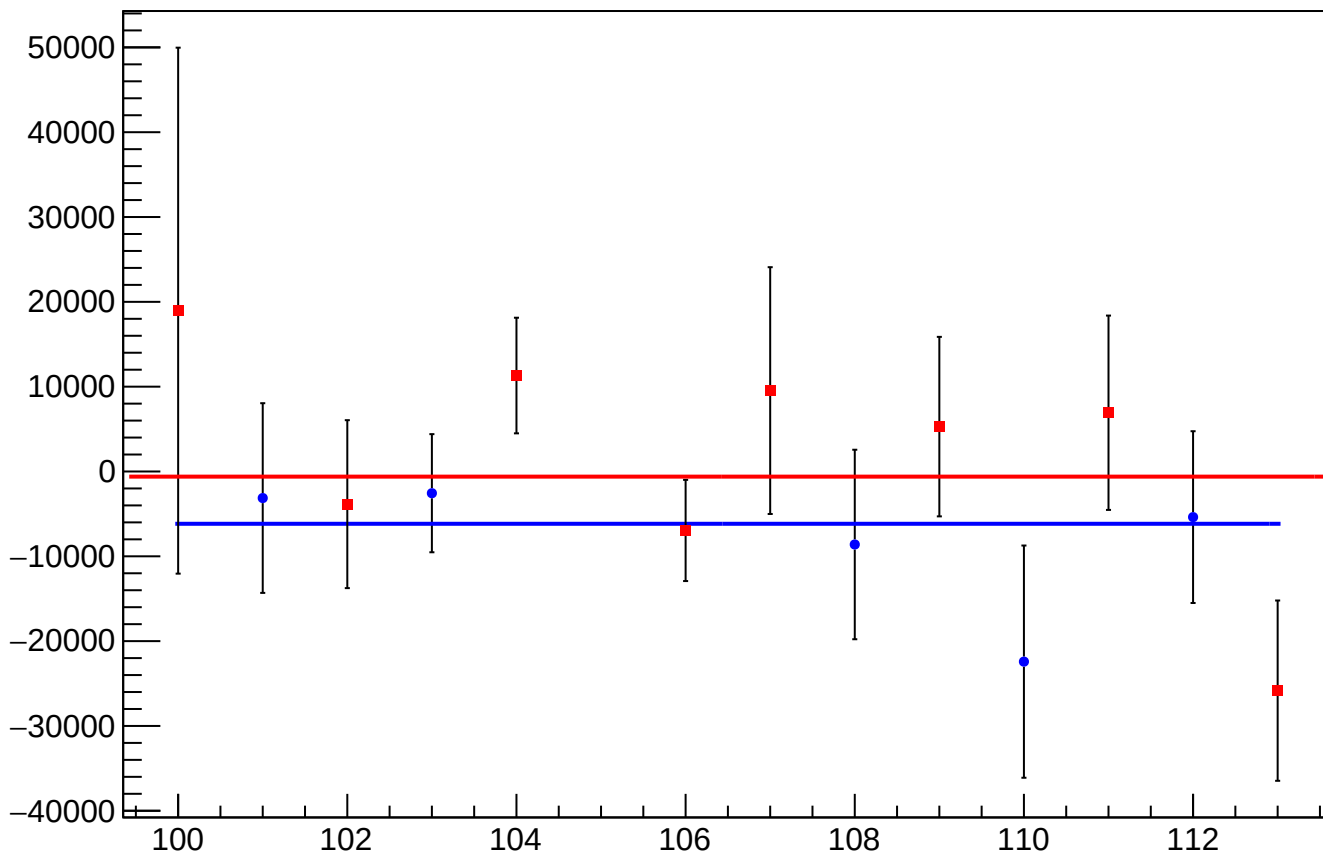
Right: 1567.306+/-0.481 χ^2/NDF : 450621.6/12

In: 1578.042+/-0.728 χ^2/NDF : 306435.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1567.306+/-0.481 χ^2/NDF : 450621.6/12

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: -606.026+/-3314.958 χ^2/NDF : 11.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

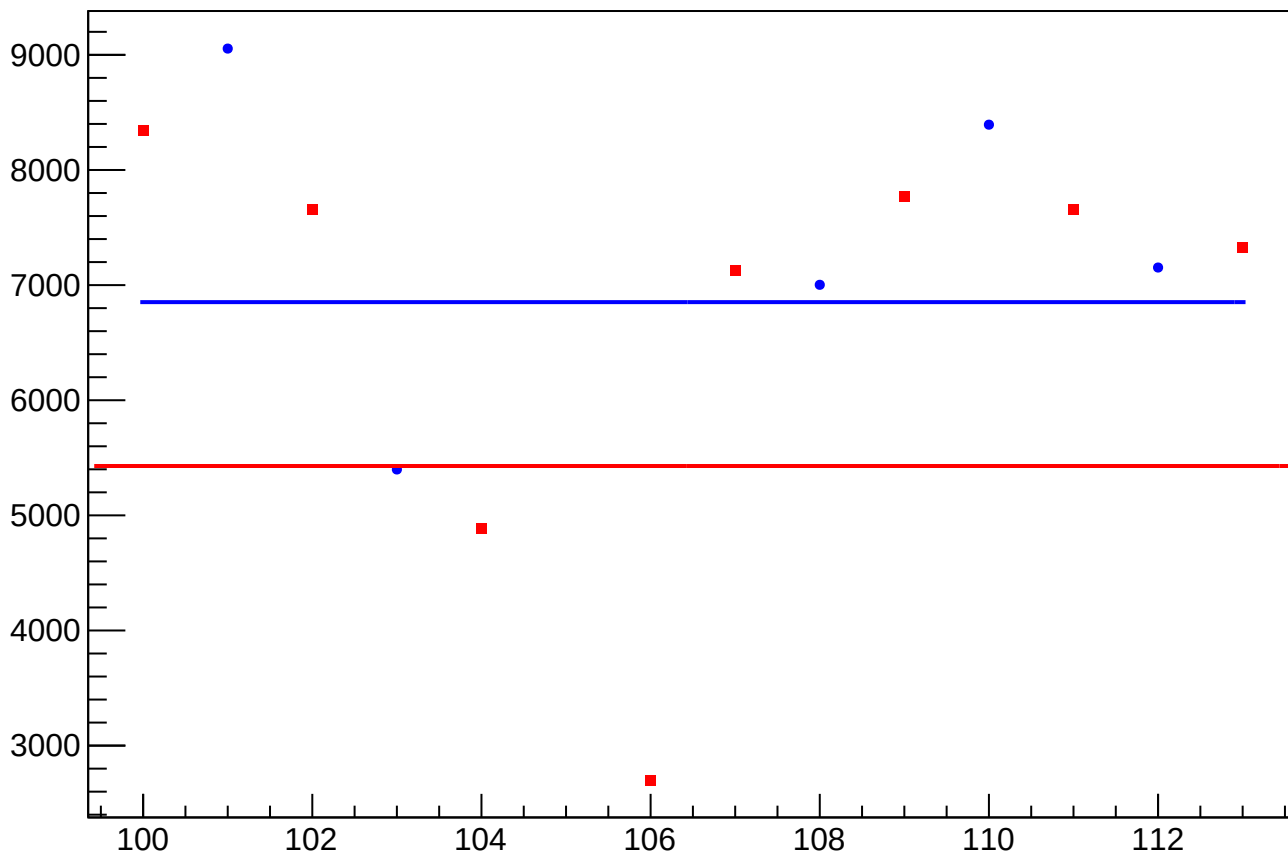
Right: -2620.809+/-2646.977 χ^2/NDF : 14.4/12

In: -6165.489+/-4396.958 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2620.809+/-2646.977 χ^2/NDF : 14.4/12

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: 5428.713+/-2.344 χ^2/NDF : 814757.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

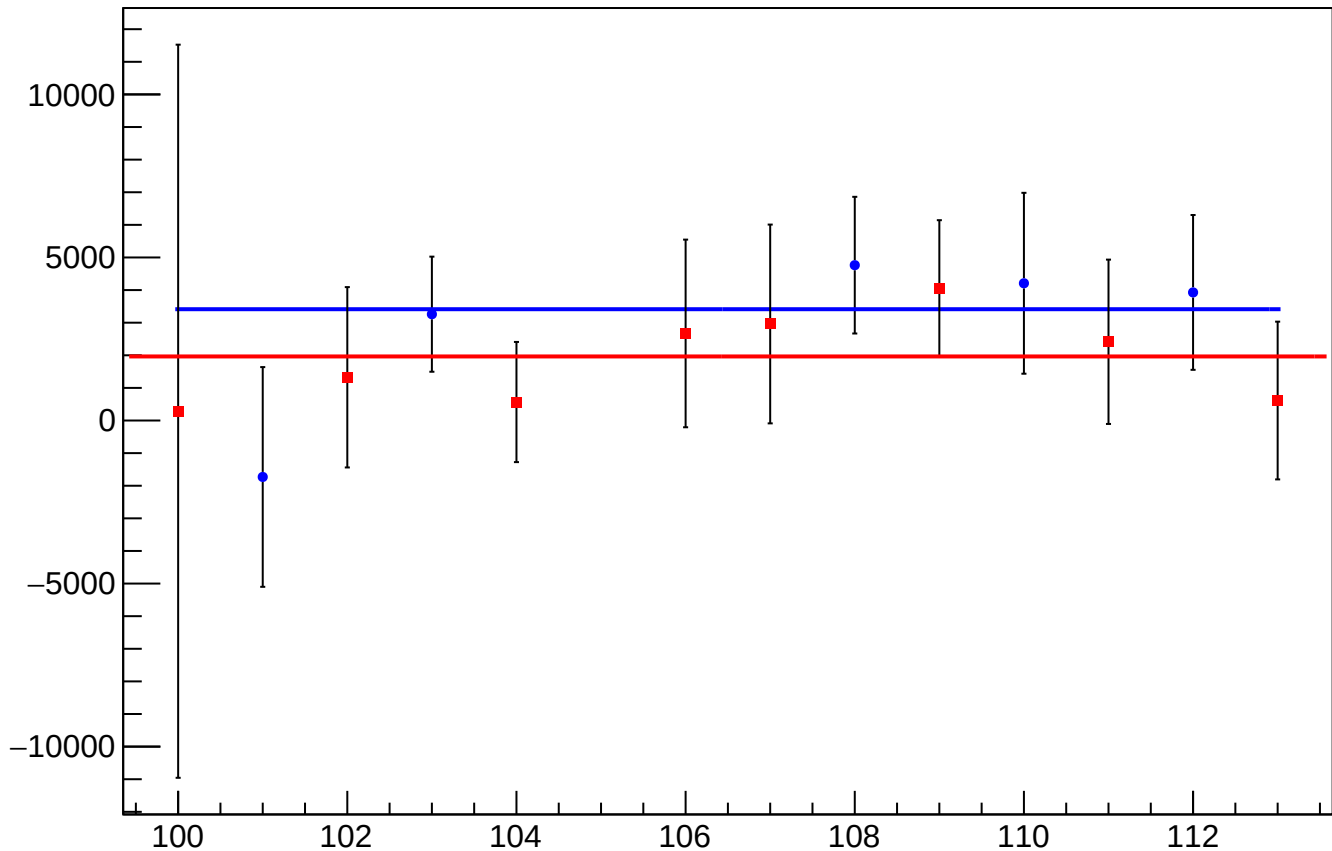
Right: 5944.593+/-1.872 χ^2/NDF : 1140623.5/12

In: 6852.199+/-3.109 χ^2/NDF : 192213.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5944.593+/-1.872 χ^2/NDF : 1140623.5/12

cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3413.398 $\pm$ 1029.022 χ^2/NDF : 2.9/4

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

Right Out: 1964.675 $\pm$ 905.954 χ^2/NDF : 2.2/7

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

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

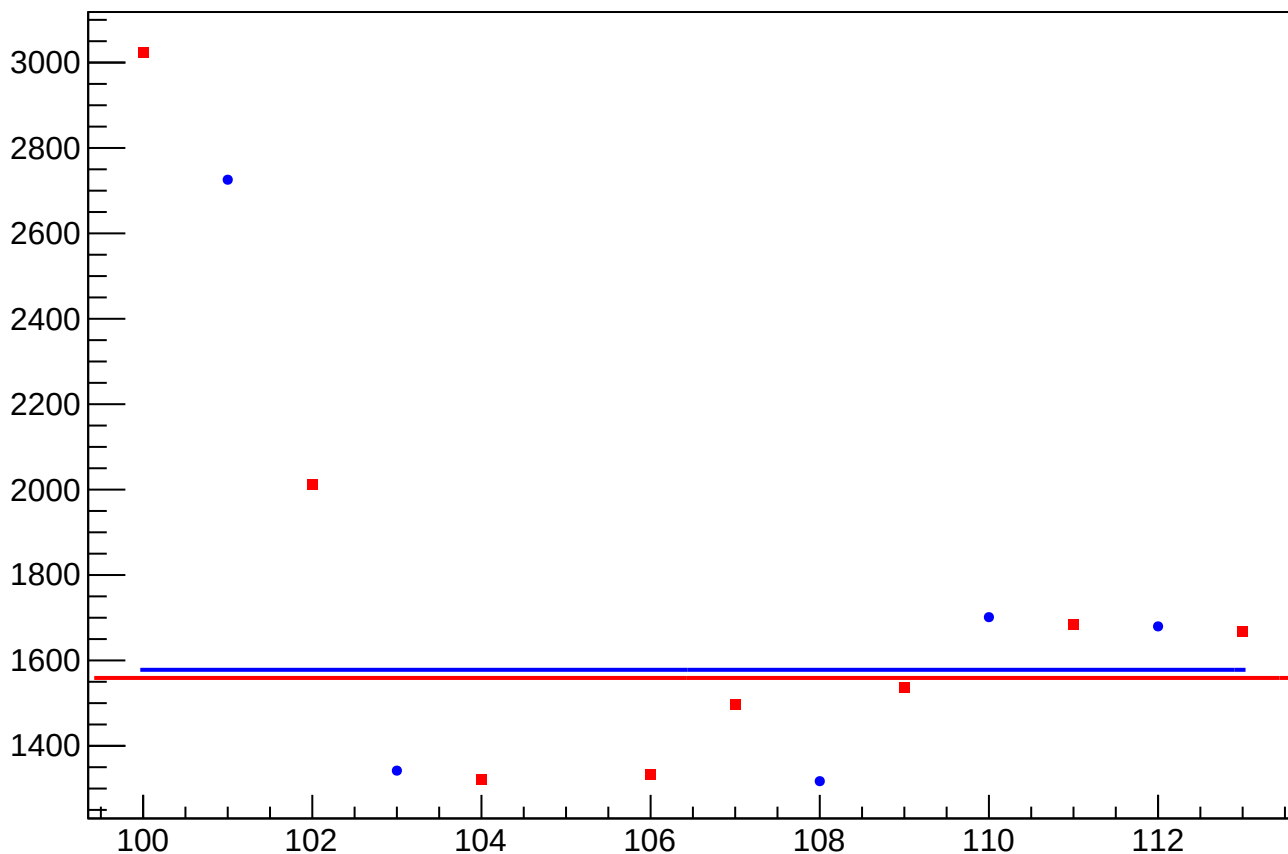
Right: 2597.266 $\pm$ 679.976 χ^2/NDF : 6.2/12

In: 3413.398 $\pm$ 1029.022 χ^2/NDF : 2.9/4

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

All: 2597.266 $\pm$ 679.976 χ^2/NDF : 6.2/12

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: 1558.985+/-0.641 χ^2/NDF : 143799.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

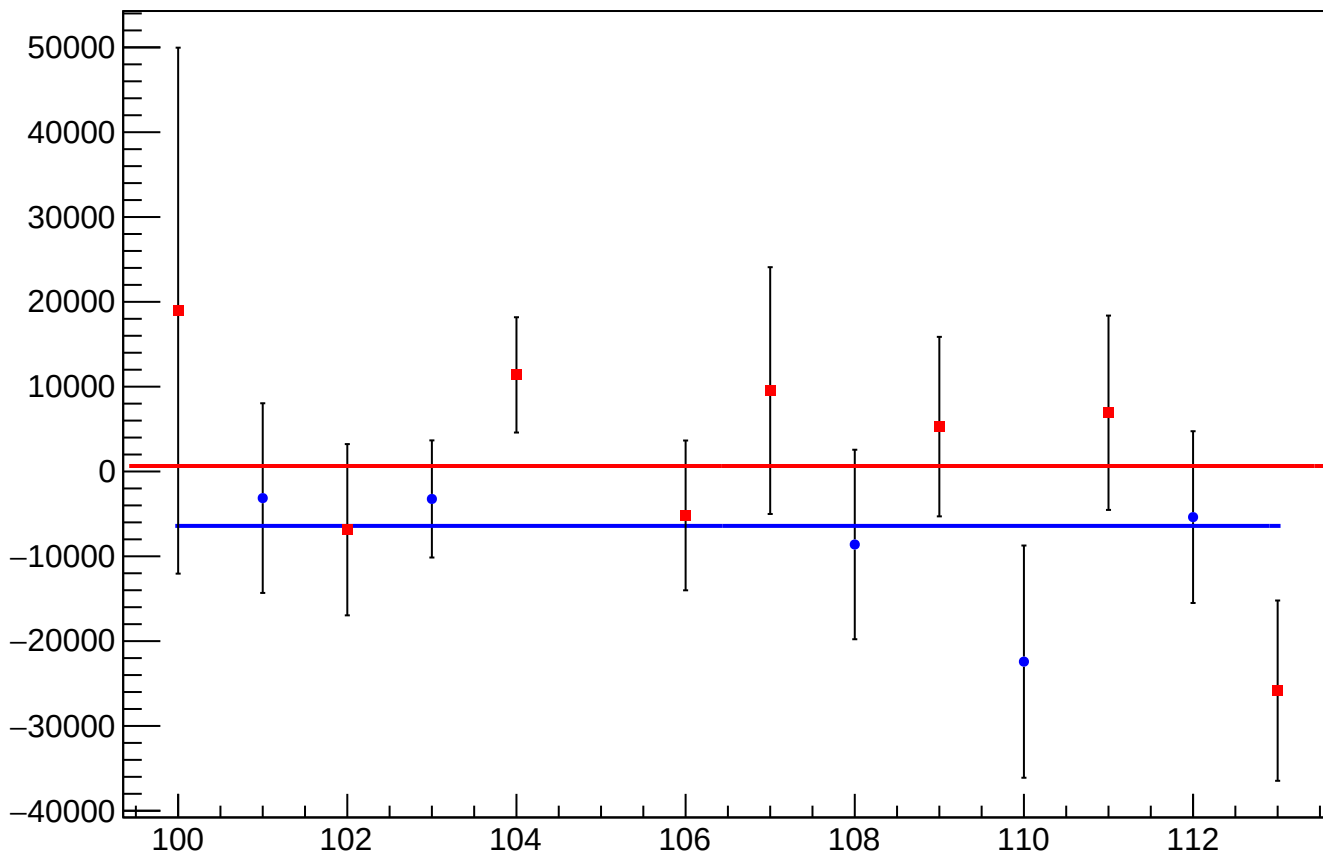
Right: 1567.306+/-0.481 χ^2/NDF : 450621.5/12

In: 1578.041+/-0.728 χ^2/NDF : 306435.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1567.306+/-0.481 χ^2/NDF : 450621.5/12

asym_at2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -6414.842+/-4381.929 χ^2/NDF : 1.7/4

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

Right Out: 646.846+/-3640.521 χ^2/NDF : 10.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

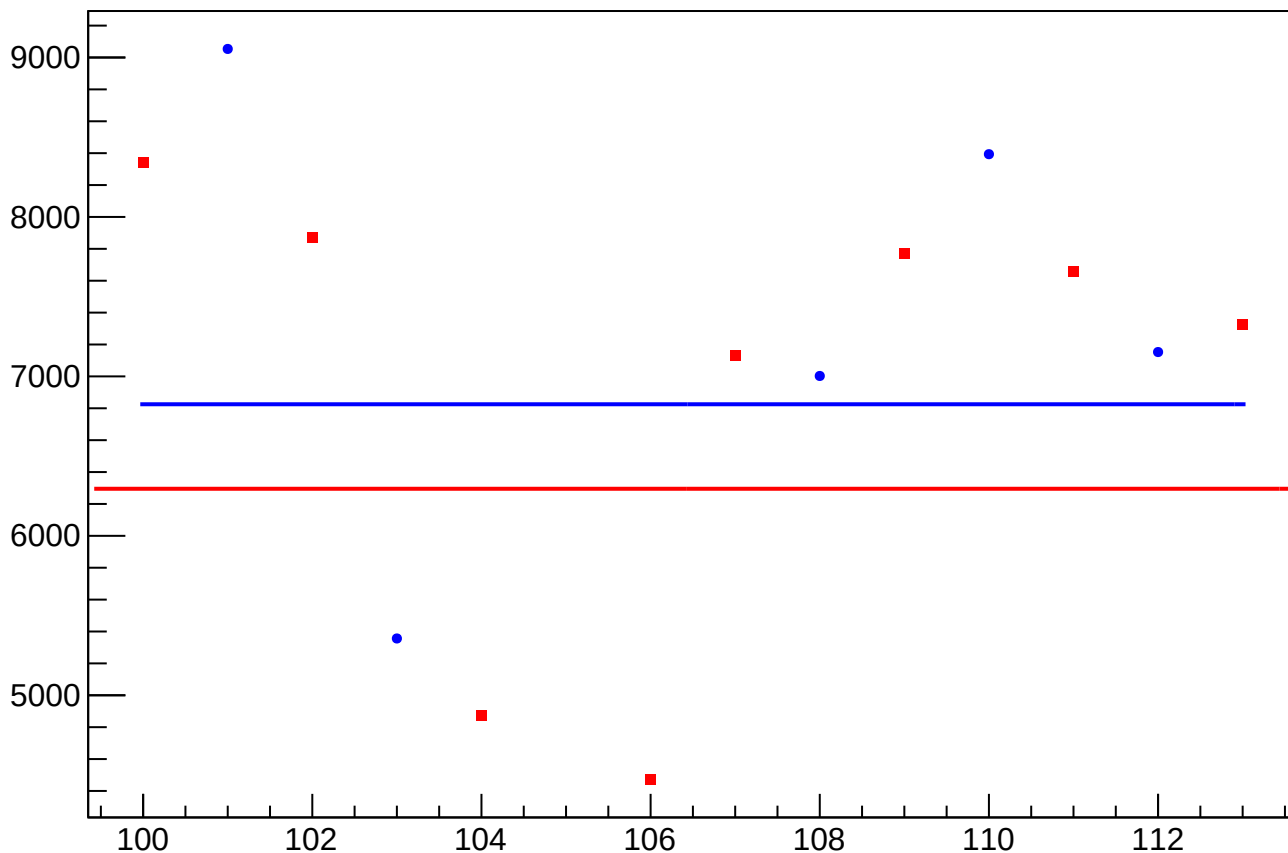
Right: -2236.908+/-2800.207 χ^2/NDF : 14.2/12

In: -6414.842+/-4381.929 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2236.908+/-2800.207 χ^2/NDF : 14.2/12

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: 6295.201+/-2.574 χ^2/NDF : 323096.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

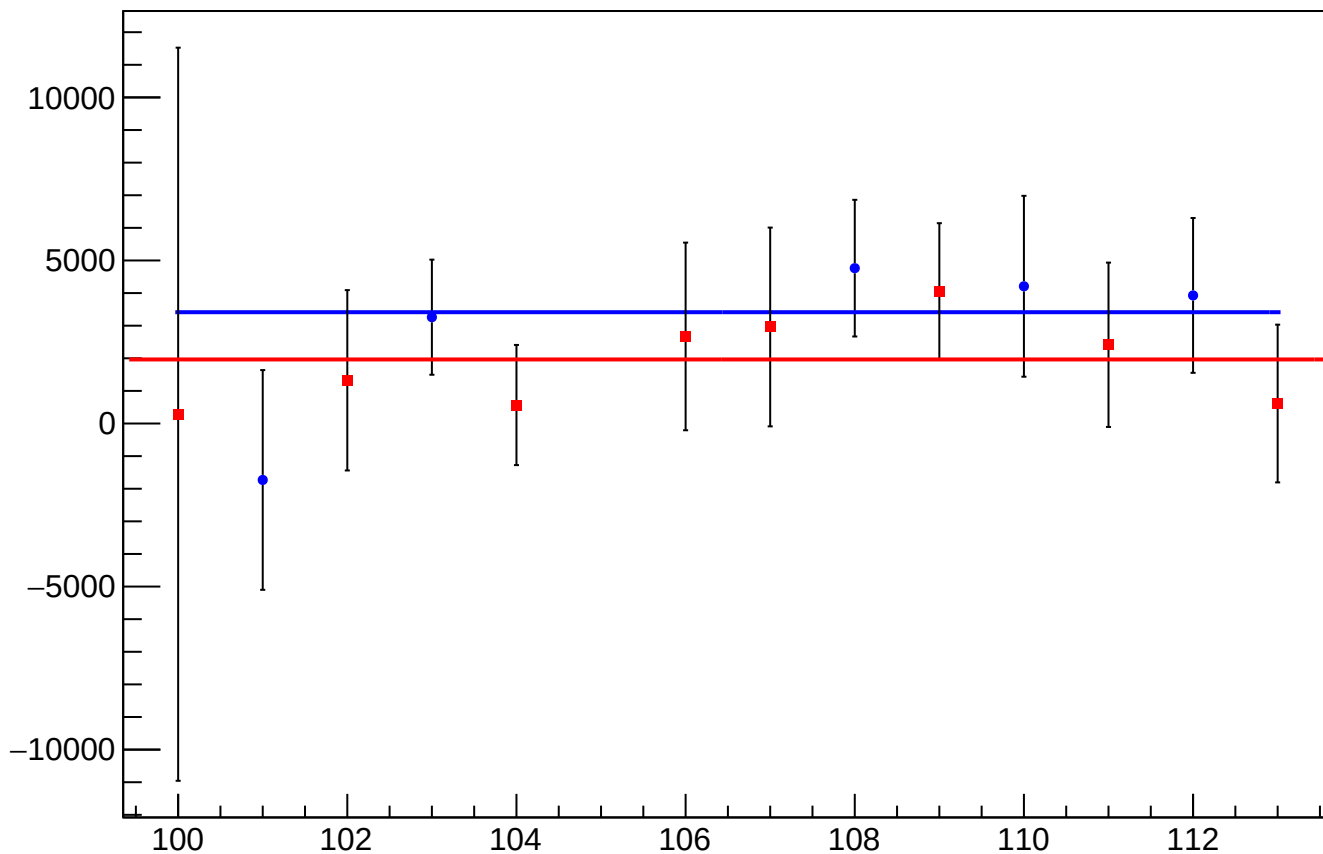
Right: 6511.633+/-1.980 χ^2/NDF : 539232.0/12

In: 6825.195+/-3.098 χ^2/NDF : 198826.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6511.633+/-1.980 χ^2/NDF : 539232.0/12

eigen_cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3413.398 $\pm$ 1029.022 χ^2/NDF : 2.9/4

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

Right Out: 1964.675 $\pm$ 905.954 χ^2/NDF : 2.2/7

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

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

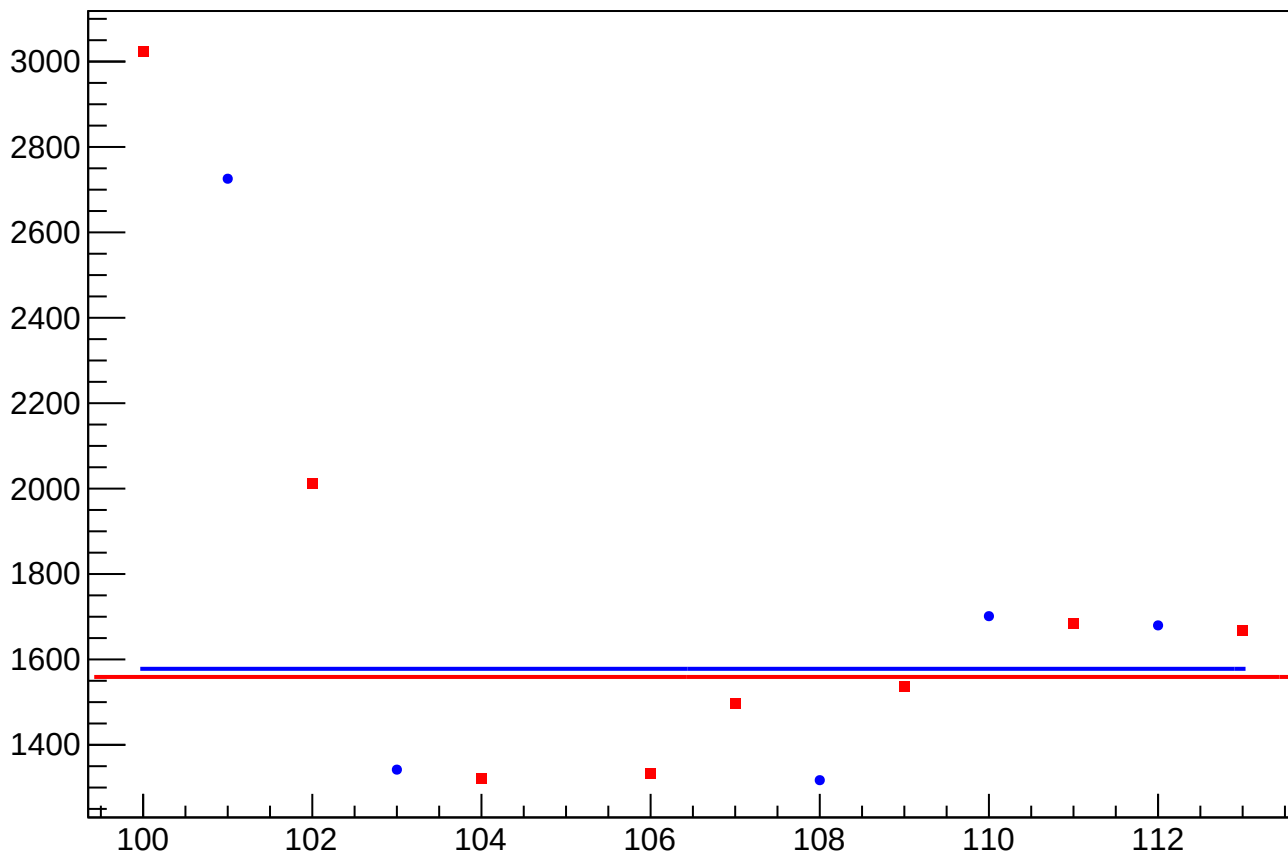
Right: 2597.266 $\pm$ 679.976 χ^2/NDF : 6.2/12

In: 3413.398 $\pm$ 1029.022 χ^2/NDF : 2.9/4

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

All: 2597.266 $\pm$ 679.976 χ^2/NDF : 6.2/12

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: 1558.985+/-0.641 χ^2/NDF : 143799.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

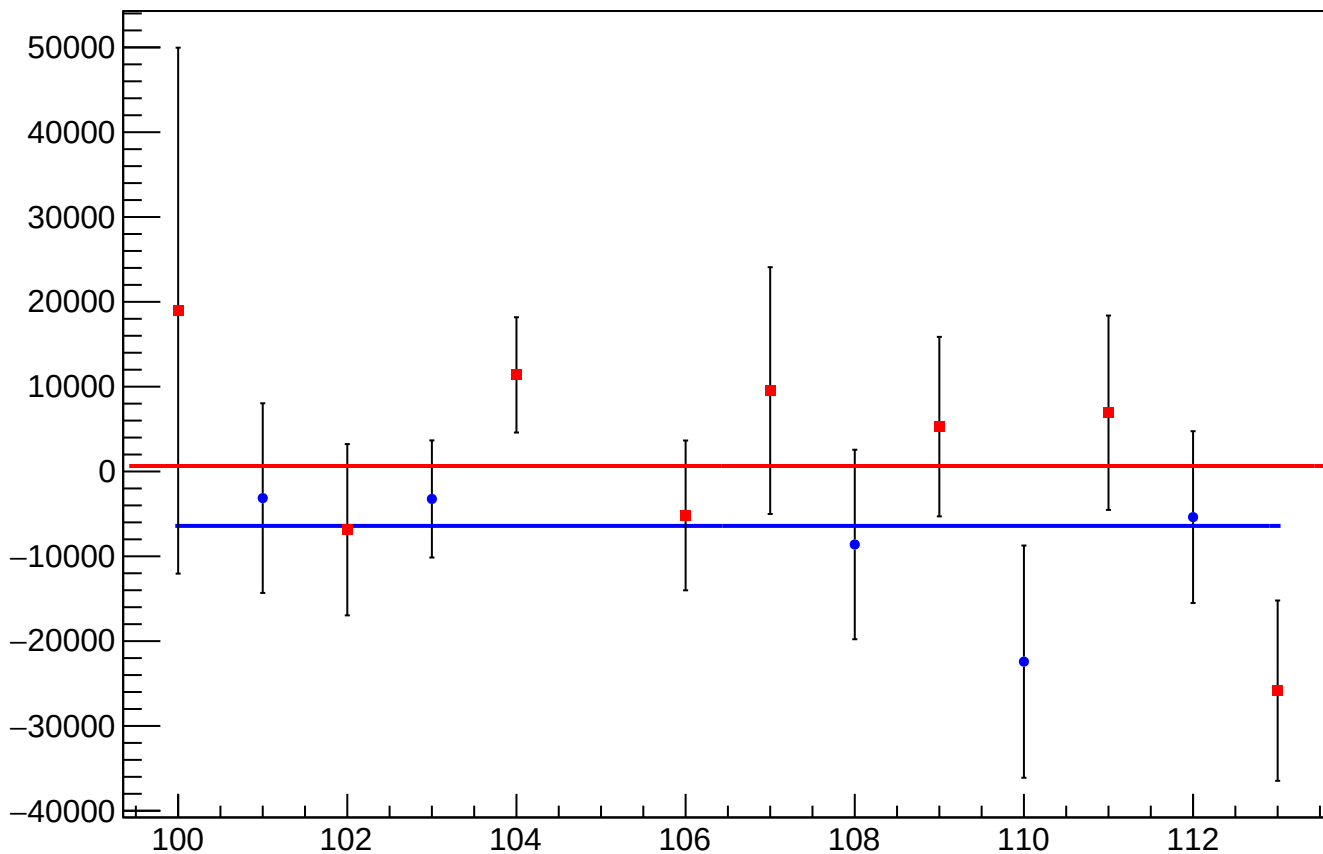
Right: 1567.306+/-0.481 χ^2/NDF : 450621.5/12

In: 1578.041+/-0.728 χ^2/NDF : 306435.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1567.306+/-0.481 χ^2/NDF : 450621.5/12

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: 646.846 $\pm$ 3640.521 χ^2 /NDF: 10.9/7

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

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

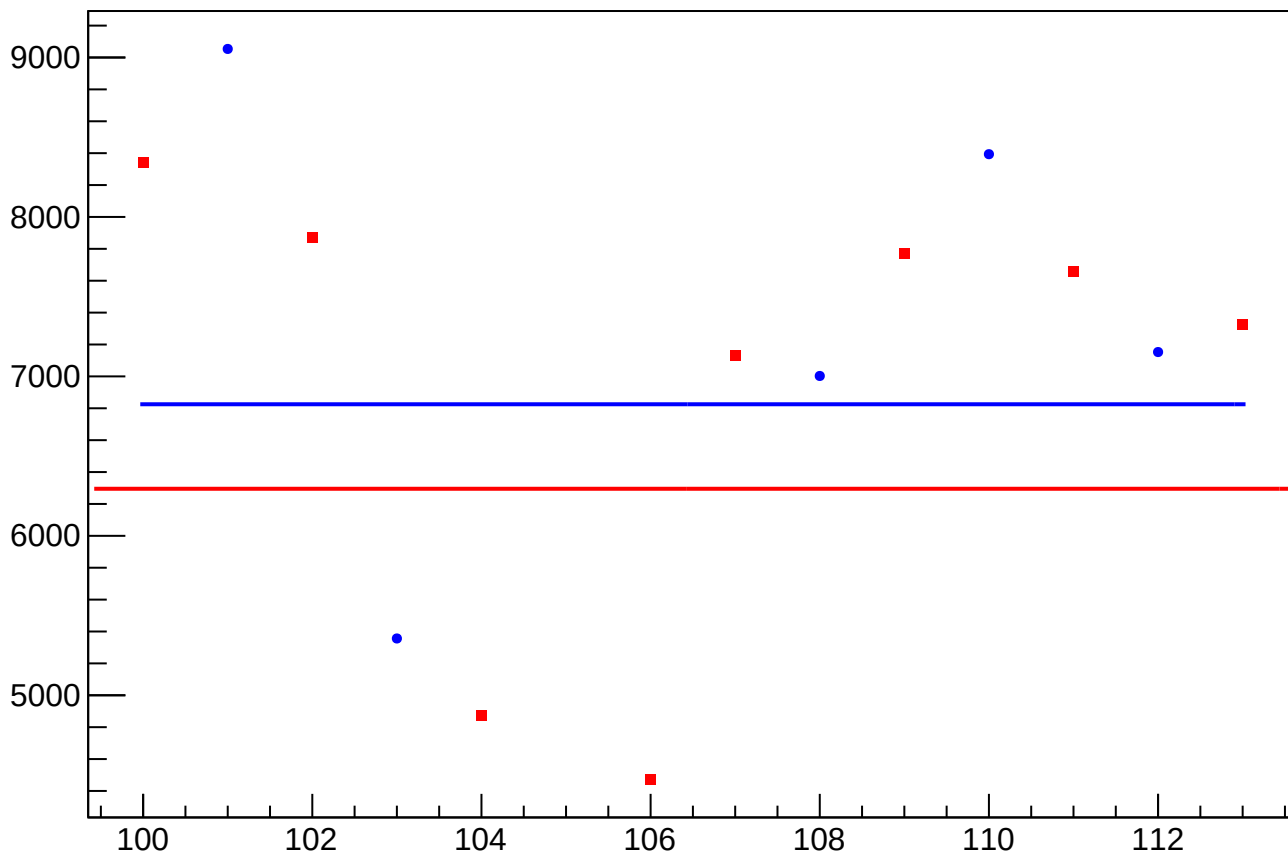
Right: -2236.908 $\pm$ 2800.207 χ^2 /NDF: 14.2/12

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: -2236.908 $\pm$ 2800.207 χ^2 /NDF: 14.2/12

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: 6295.201+/-2.574 χ^2/NDF : 323096.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

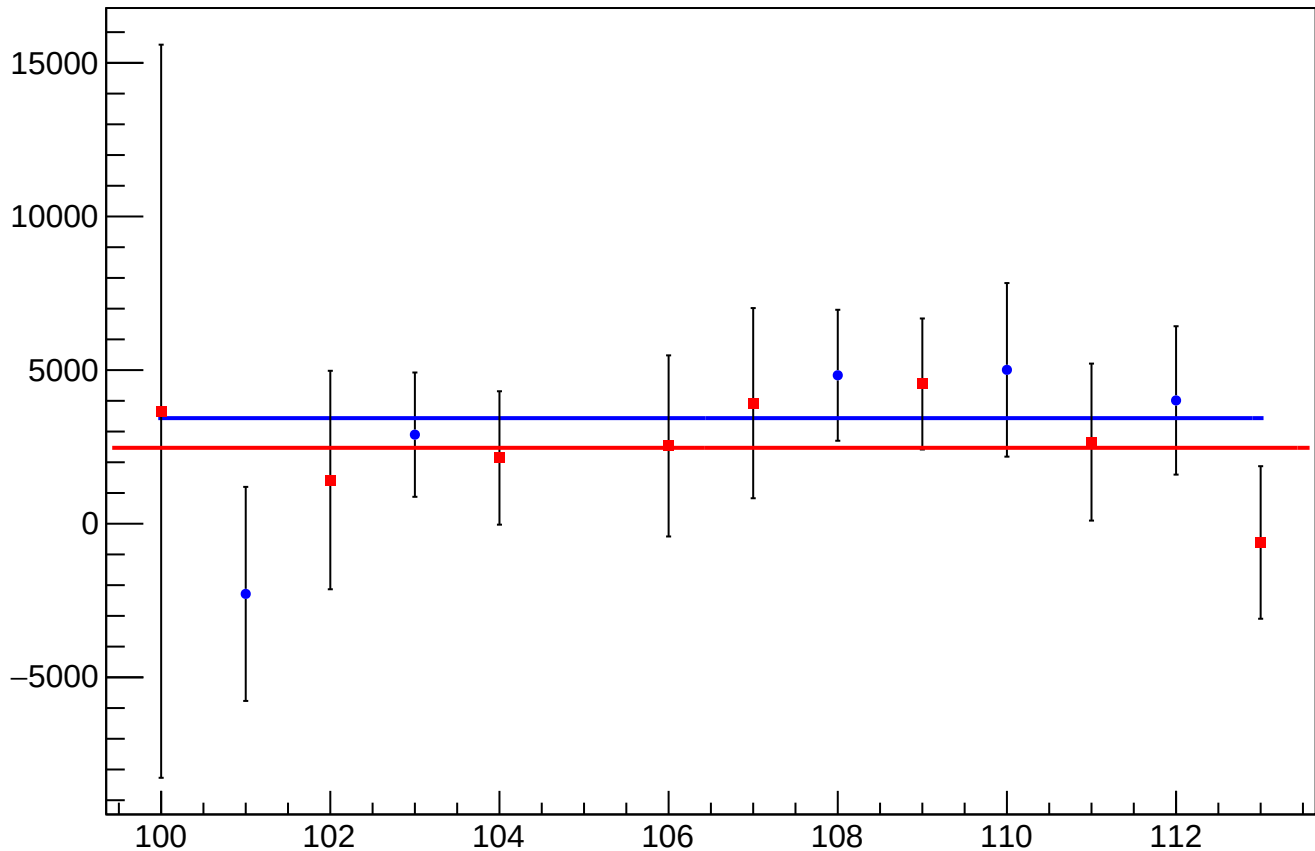
Right: 6511.633+/-1.980 χ^2/NDF : 539232.0/12

In: 6825.195+/-3.098 χ^2/NDF : 198826.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6511.633+/-1.980 χ^2/NDF : 539232.0/12

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: 2470.350+/-974.458 χ^2/NDF : 2.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

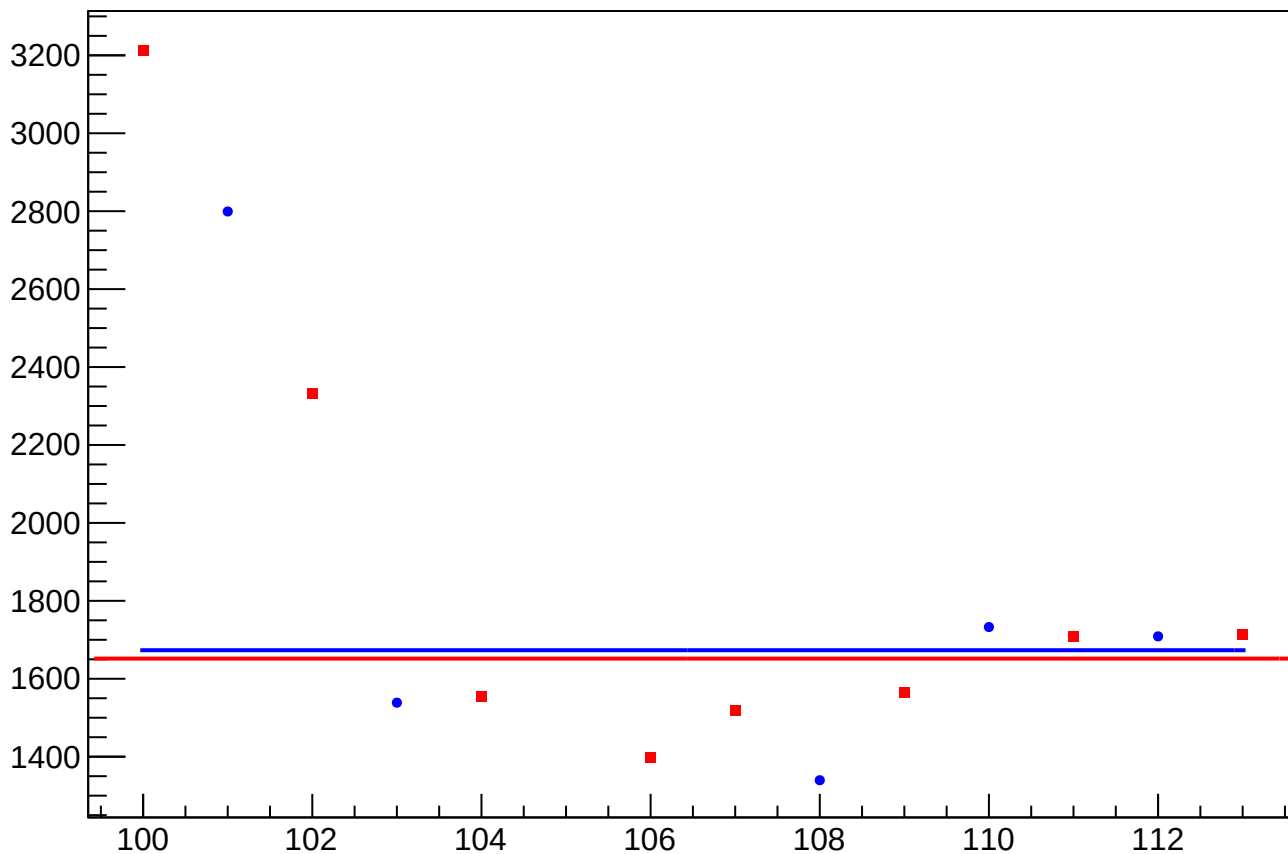
Right: 2900.099+/-726.098 χ^2/NDF : 6.8/12

In: 3436.555+/-1088.736 χ^2/NDF : 3.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2900.099+/-726.098 χ^2/NDF : 6.8/12

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: 1651.800+/-0.688 χ^2/NDF : 135467.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

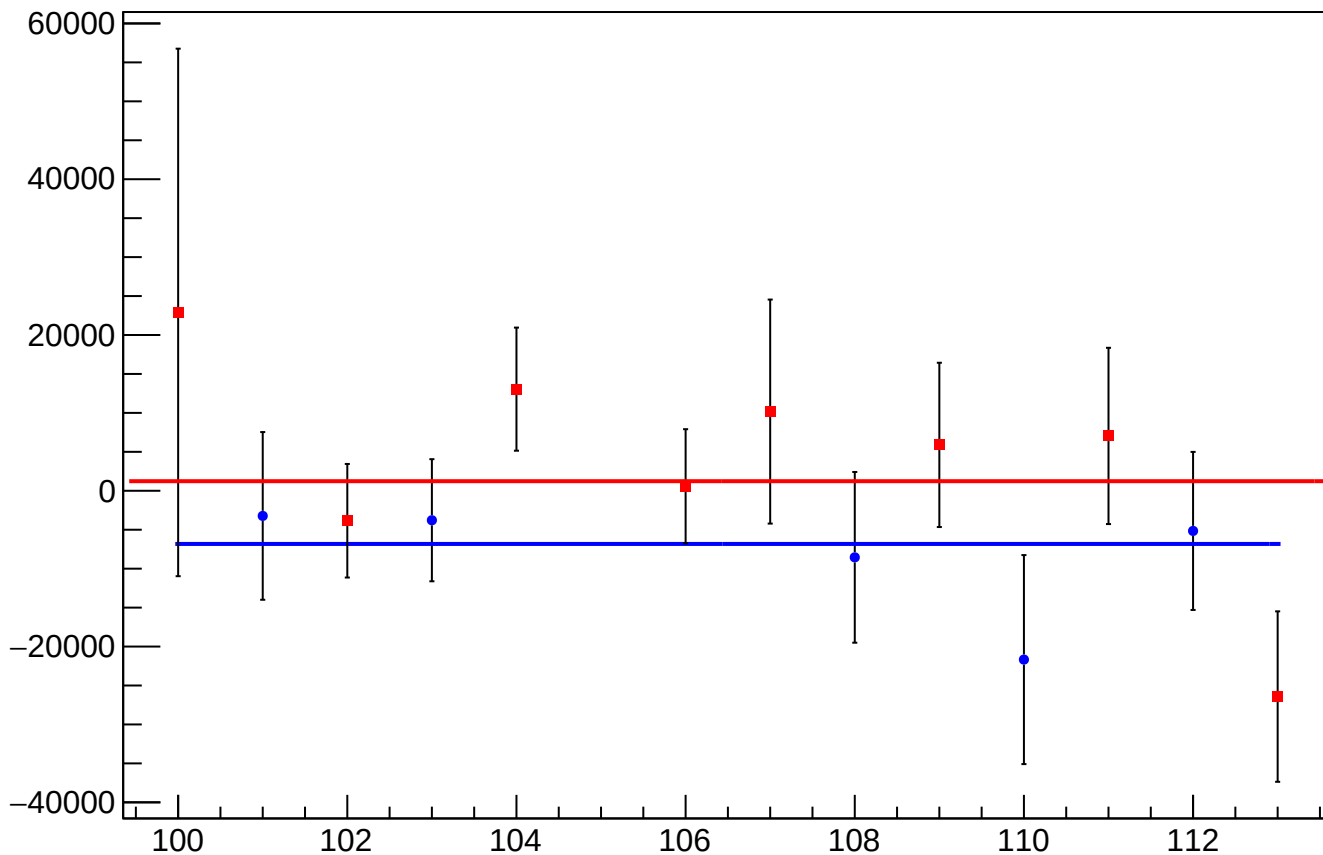
Right: 1661.341+/-0.513 χ^2/NDF : 404048.6/12

In: 1673.271+/-0.770 χ^2/NDF : 268148.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1661.341+/-0.513 χ^2/NDF : 404048.6/12

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: 1230.827+/-3443.968 χ^2/NDF : 10.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

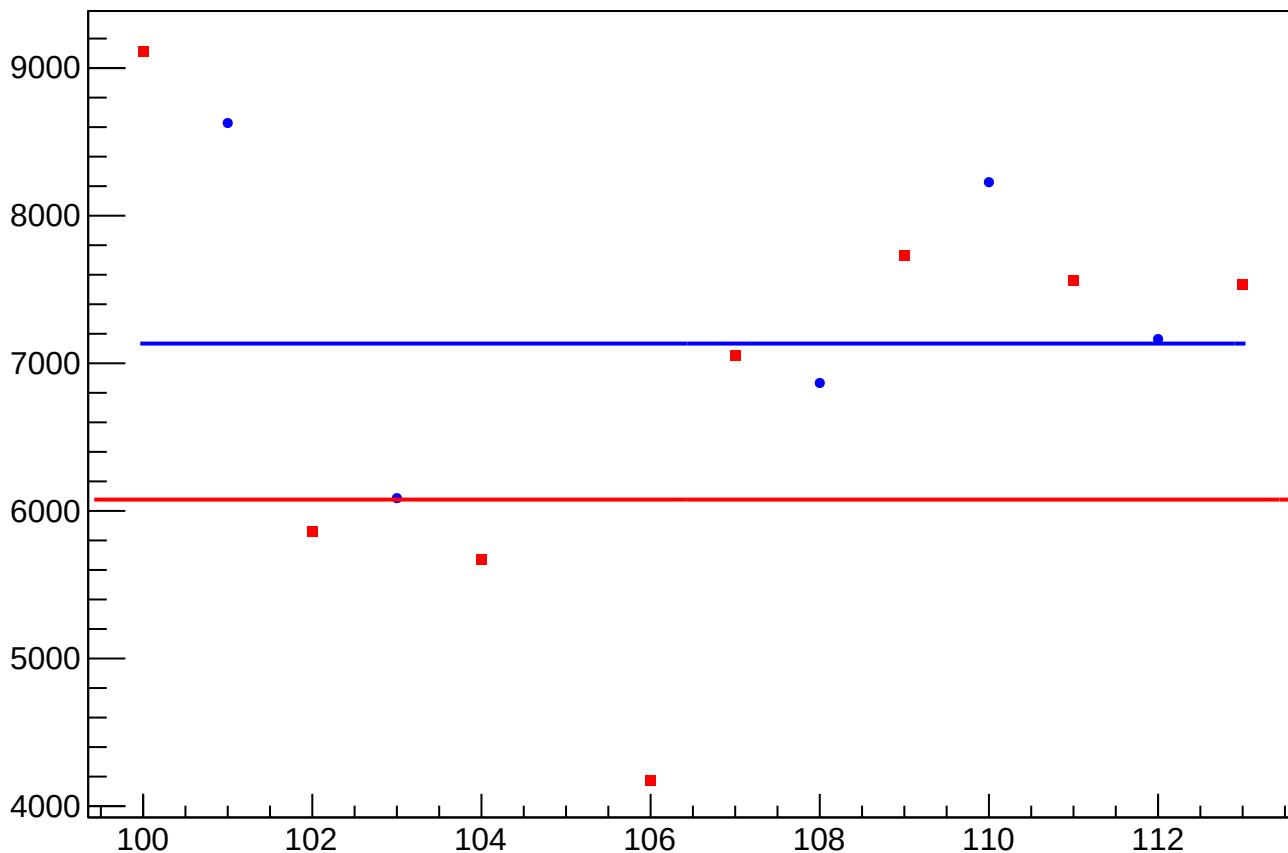
Right: -1710.744+/-2744.067 χ^2/NDF : 13.9/12

In: -6824.962+/-4541.079 χ^2/NDF : 1.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1710.744+/-2744.067 χ^2/NDF : 13.9/12

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: 6076.841+/-2.435 χ^2/NDF : 286001.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

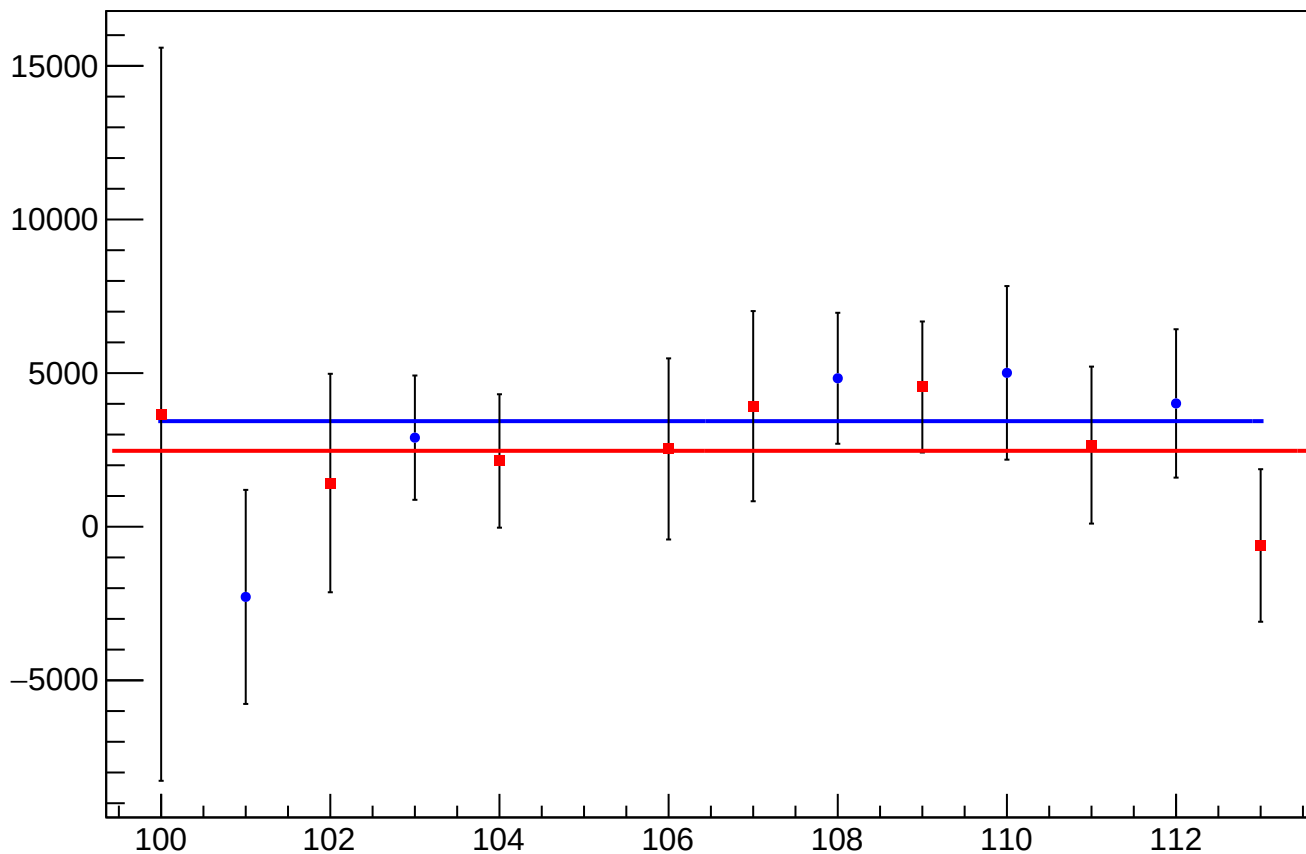
Right: 6462.741+/-1.940 χ^2/NDF : 443470.1/12

In: 7133.665+/-3.211 χ^2/NDF : 88700.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6462.741+/-1.940 χ^2/NDF : 443470.1/12

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: 2470.360+/-974.458 χ^2/NDF : 2.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

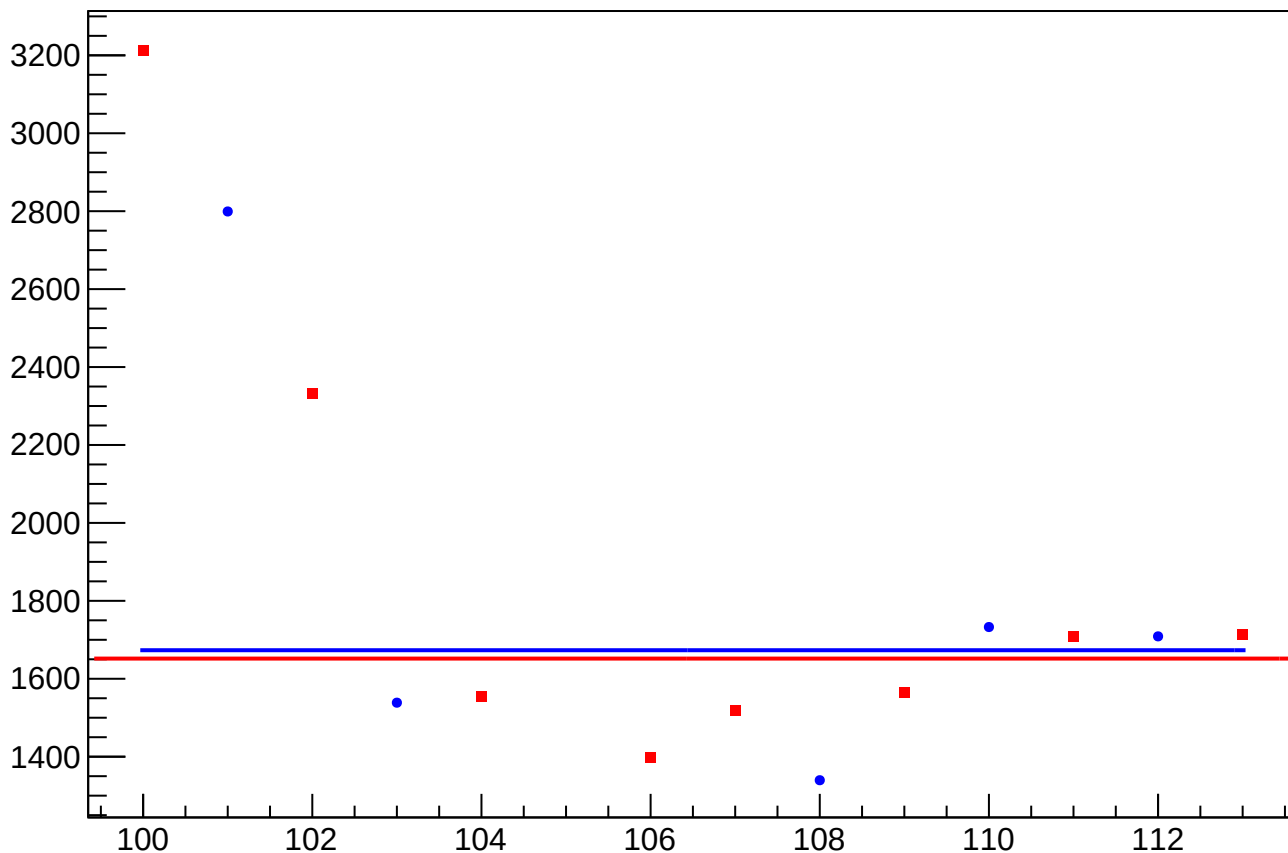
Right: 2900.109+/-726.098 χ^2/NDF : 6.8/12

In: 3436.566+/-1088.736 χ^2/NDF : 3.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2900.109+/-726.098 χ^2/NDF : 6.8/12

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: 1651.800+/-0.688 χ^2/NDF : 135467.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

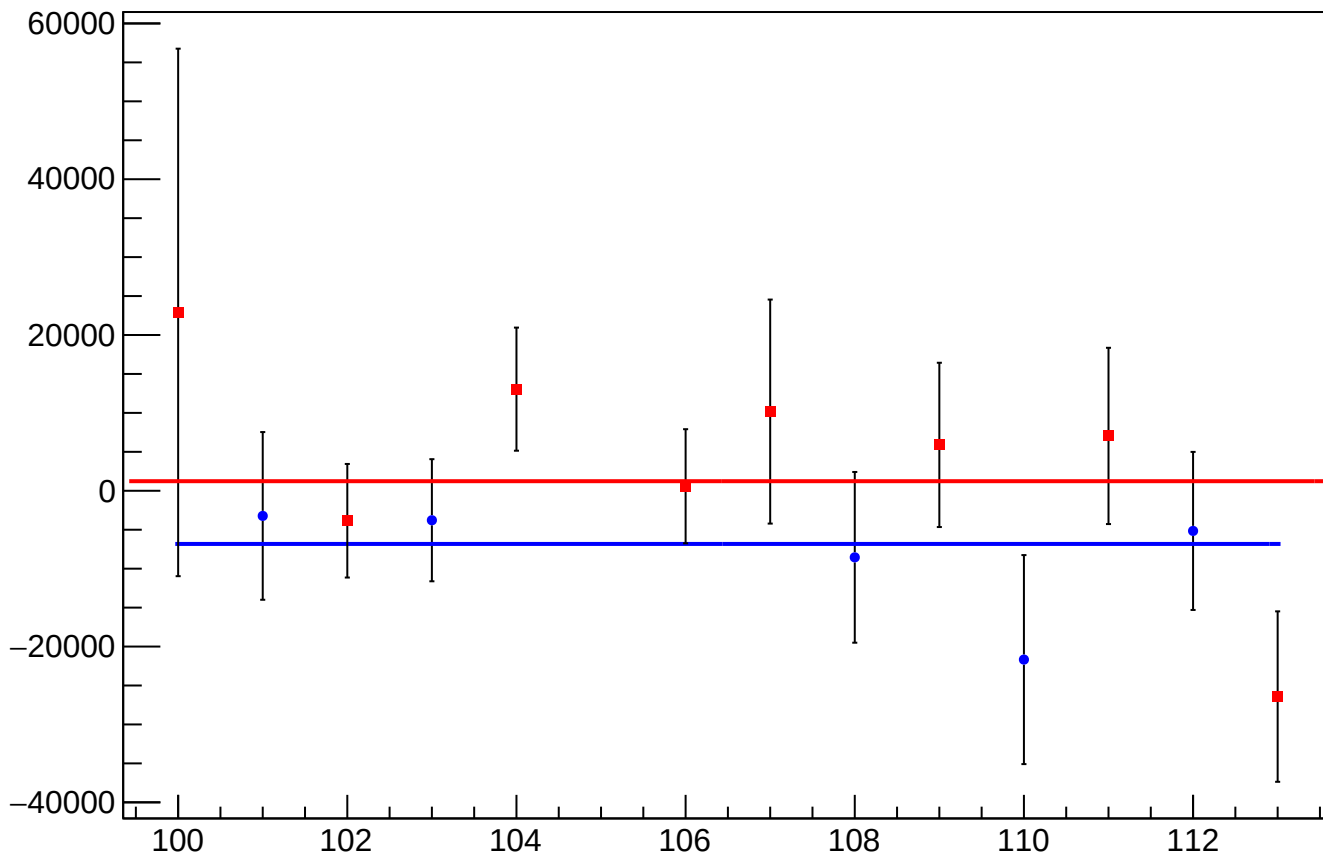
Right: 1661.341+/-0.513 χ^2/NDF : 404048.1/12

In: 1673.272+/-0.770 χ^2/NDF : 268148.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1661.341+/-0.513 χ^2/NDF : 404048.1/12

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: 1230.835+/-3443.963 χ^2/NDF : 10.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

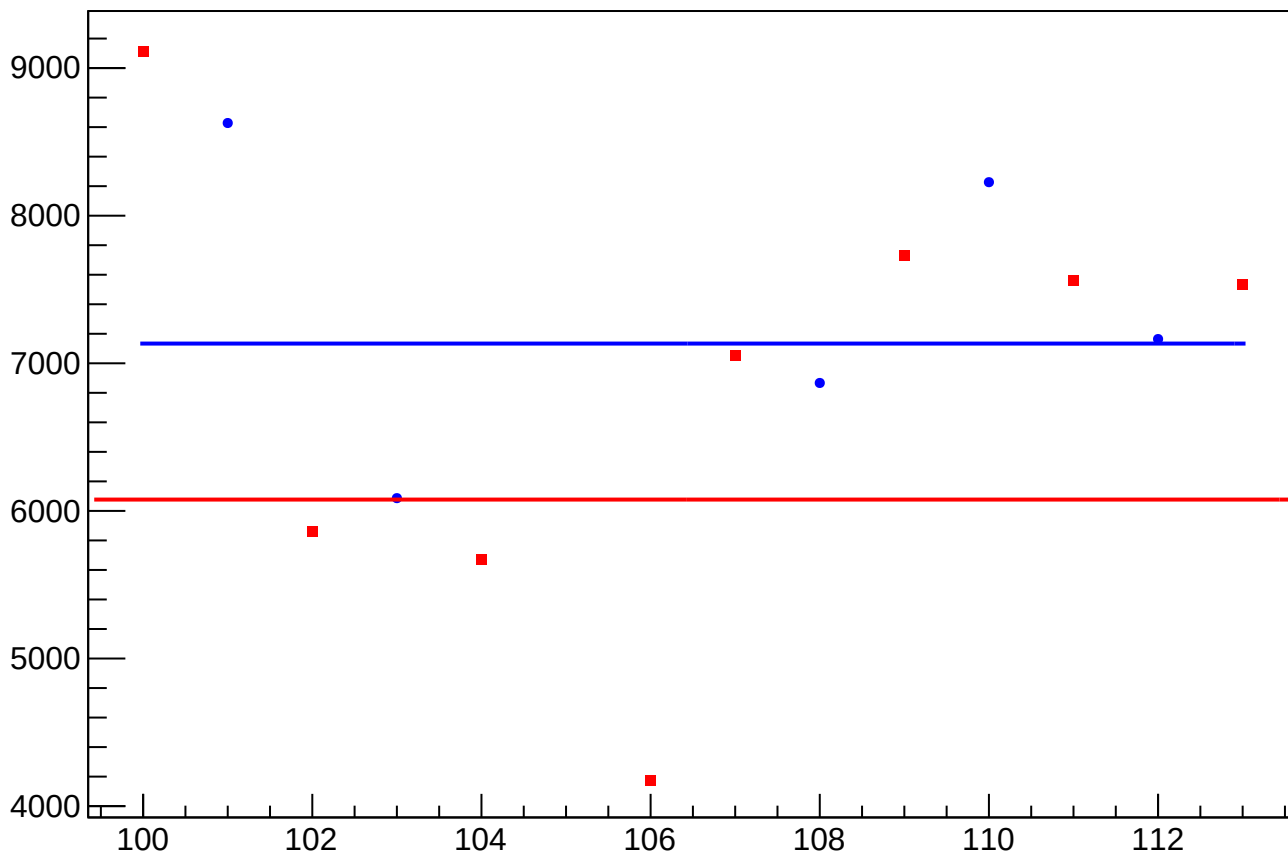
Right: -1710.737+/-2744.063 χ^2/NDF : 13.9/12

In: -6824.960+/-4541.073 χ^2/NDF : 1.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1710.737+/-2744.063 χ^2/NDF : 13.9/12

asym_at2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 7133.657+/-3.211 χ^2/NDF : 88699.7/4

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

Right Out: 6076.832+/-2.435 χ^2/NDF : 286001.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

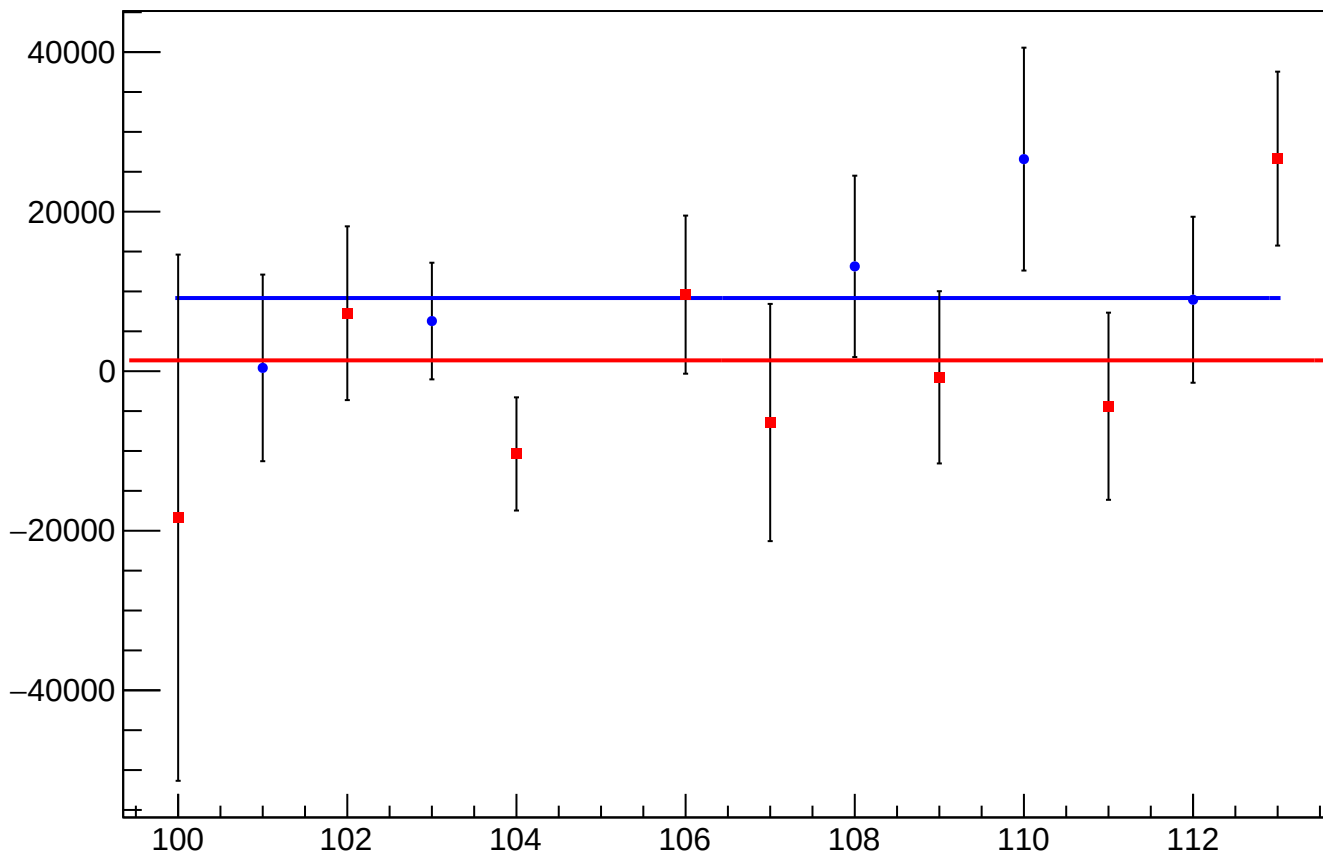
Right: 6462.731+/-1.940 χ^2/NDF : 443469.6/12

In: 7133.657+/-3.211 χ^2/NDF : 88699.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6462.731+/-1.940 χ^2/NDF : 443469.6/12

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: 1358.363+/-3829.515 χ^2/NDF : 10.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

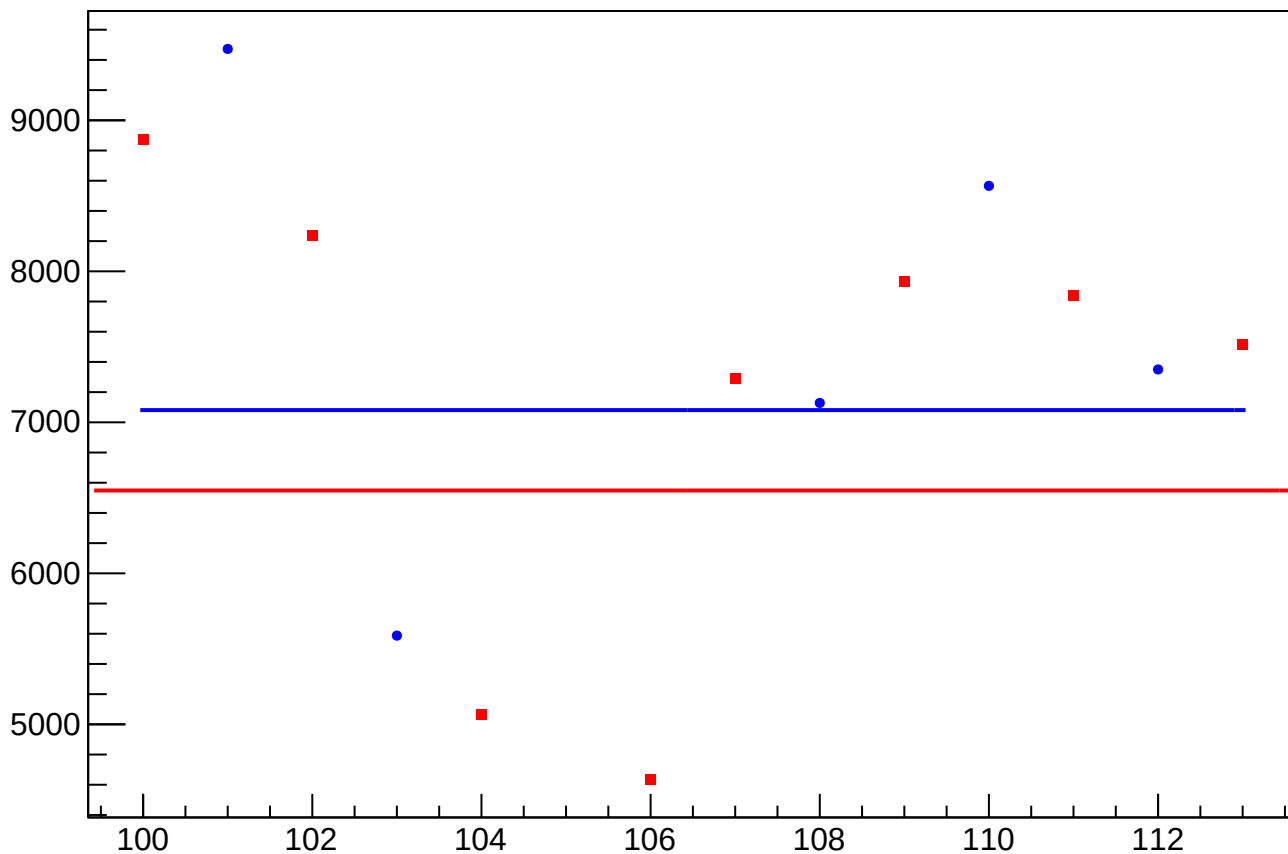
Right: 4590.668+/-2932.208 χ^2/NDF : 14.1/12

In: 9171.069+/-4558.684 χ^2/NDF : 2.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4590.668+/-2932.208 χ^2/NDF : 14.1/12

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: 6548.556+/-2.707 χ^2/NDF : 298161.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

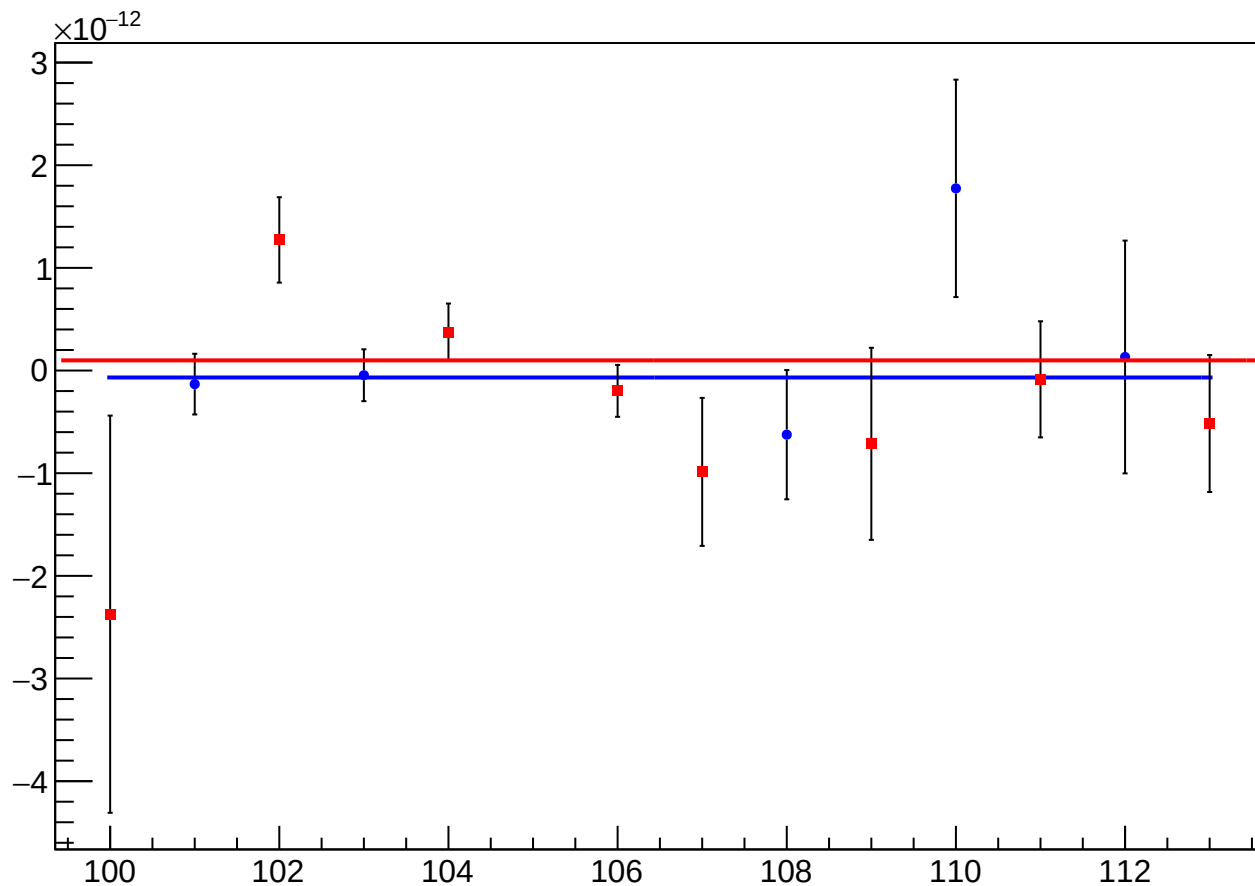
Right: 6768.814+/-2.073 χ^2/NDF : 505236.7/12

In: 7081.009+/-3.223 χ^2/NDF : 191076.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6768.814+/-2.073 χ^2/NDF : 505236.7/12

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 : 15.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

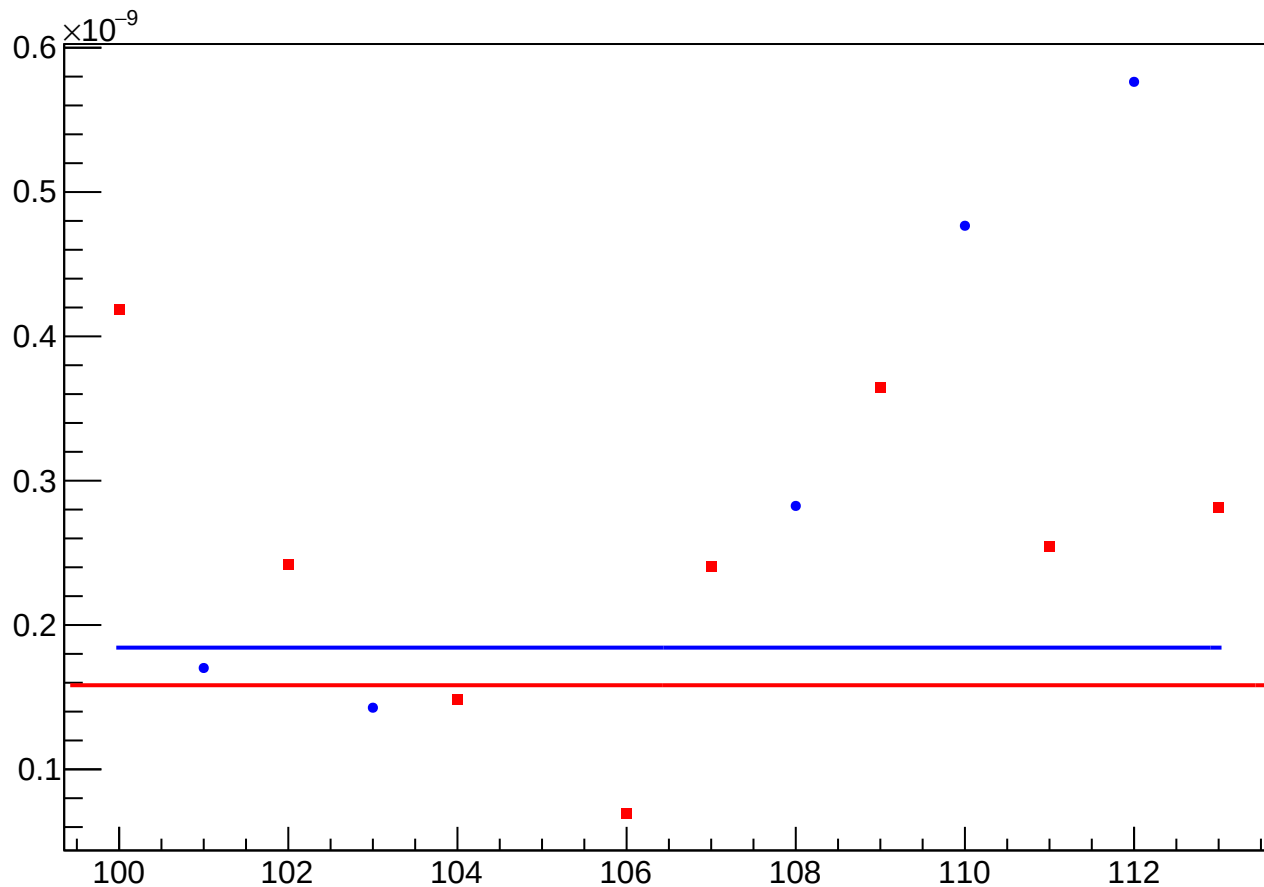
Right: 0.000+/-0.000 χ^2/NDF : 20.3/12

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 : 20.3/12

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 : 615993.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

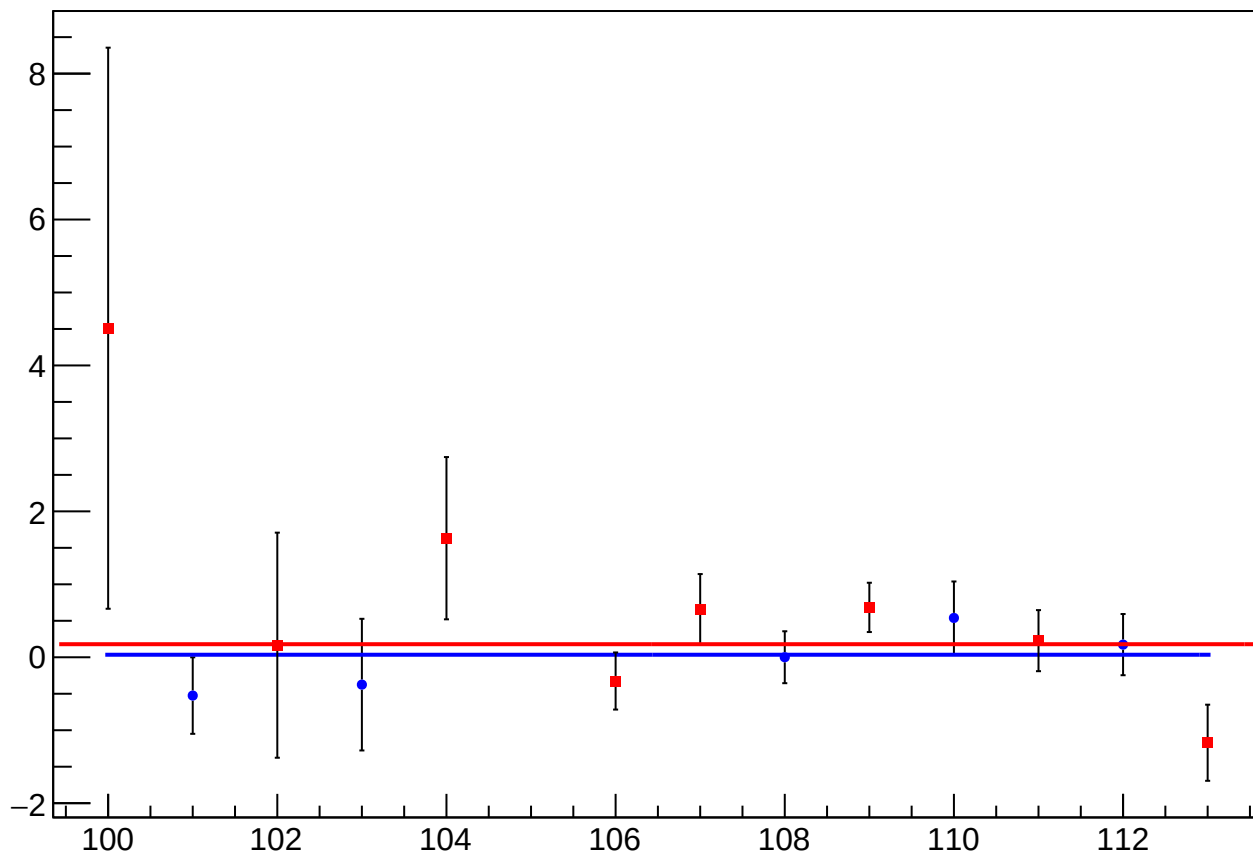
Right: 0.000+/-0.000 χ^2/NDF : 1139664.6/12

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 : 1139664.6/12

asym_at2_avg_dit_vs_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: 0.179+/-0.182 χ^2/NDF : 14.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

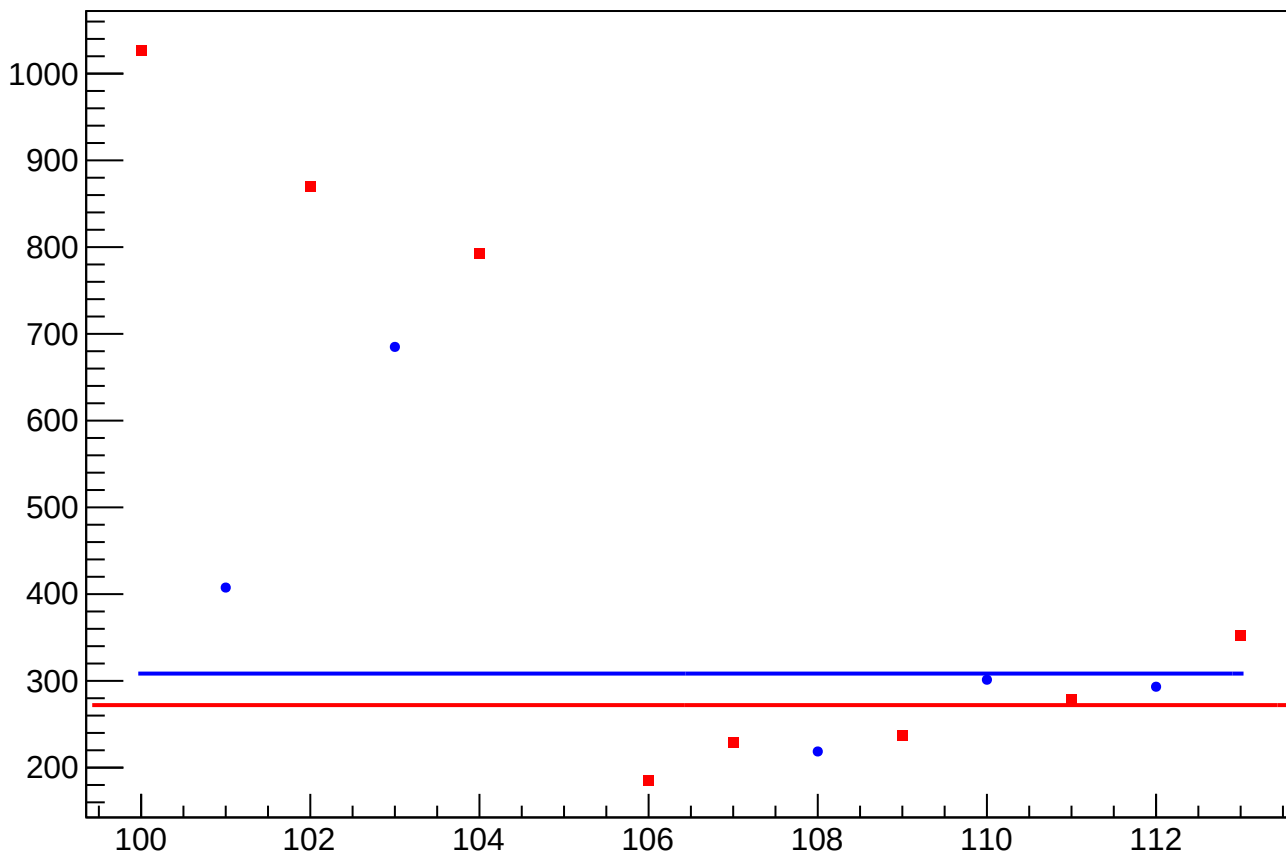
Right: 0.118+/-0.138 χ^2/NDF : 17.3/12

In: 0.035+/-0.211 χ^2/NDF : 2.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.118+/-0.138 χ^2/NDF : 17.3/12

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: 272.074+/-0.128 χ^2/NDF : 999516.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

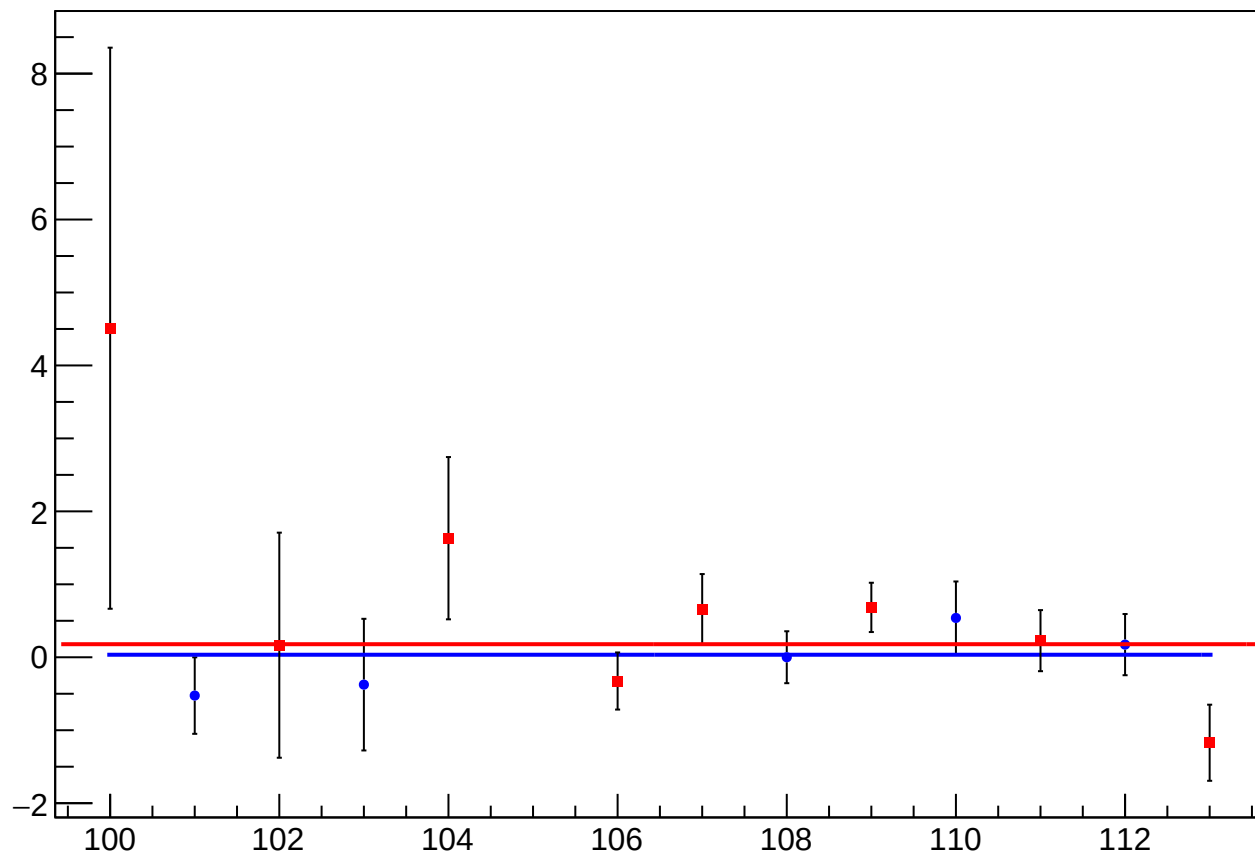
Right: 287.533+/-0.097 χ^2/NDF : 1583833.8/12

In: 308.412+/-0.149 χ^2/NDF : 550255.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 287.533+/-0.097 χ^2/NDF : 1583833.8/12

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: 0.179 $\pm$ 0.182 χ^2 /NDF: 14.6/7

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

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

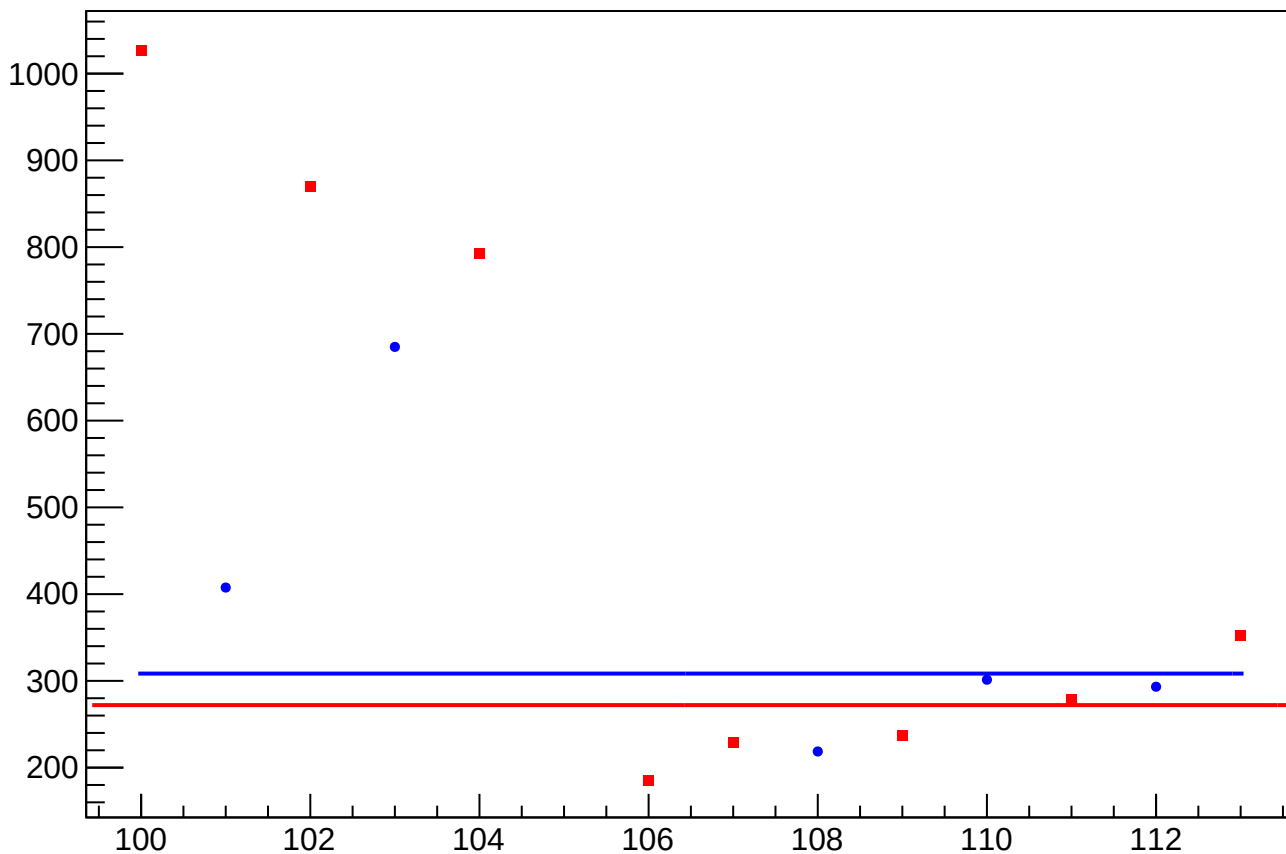
Right: 0.118 $\pm$ 0.138 χ^2 /NDF: 17.3/12

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: 0.118 $\pm$ 0.138 χ^2 /NDF: 17.3/12

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: 272.074+/-0.128 χ^2/NDF : 999516.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

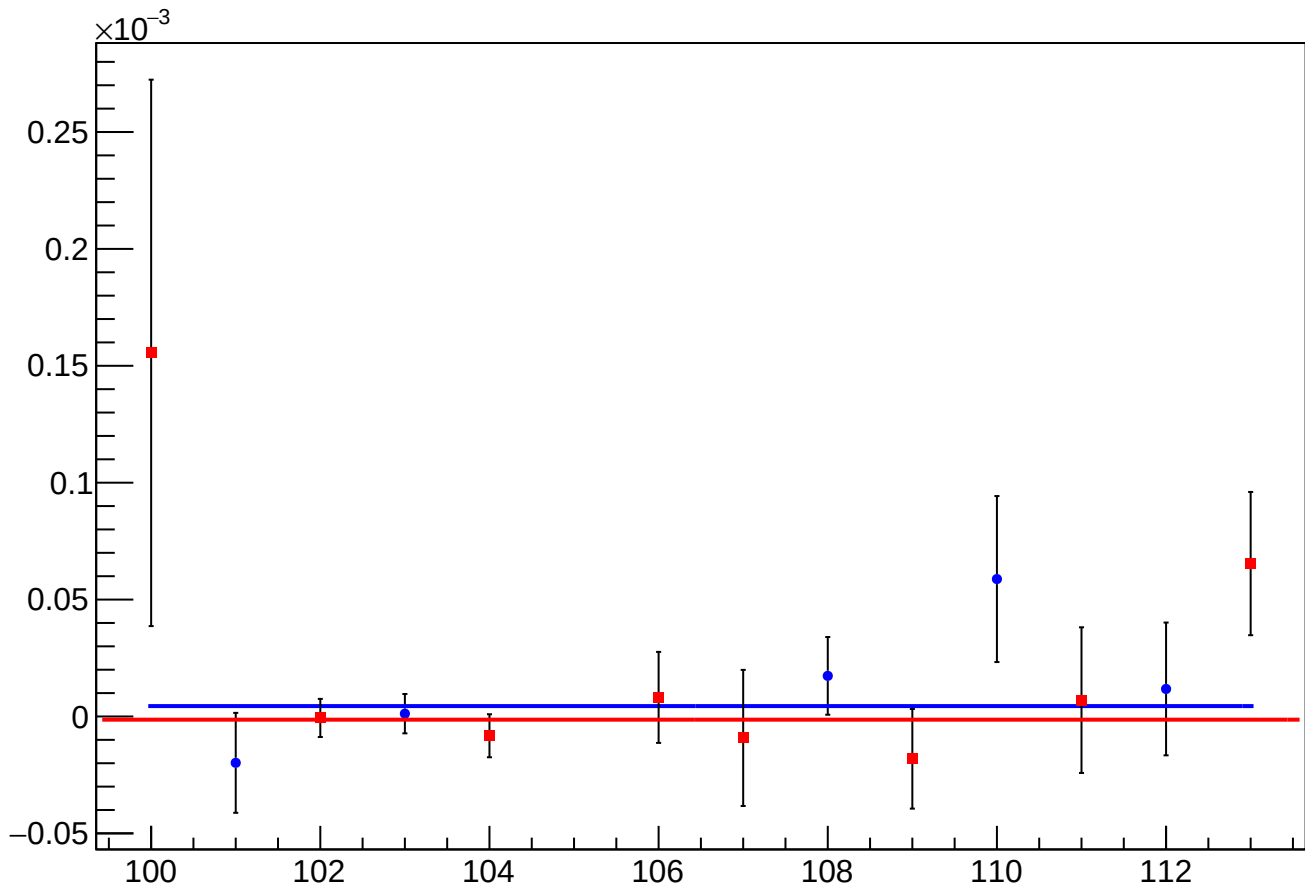
Right: 287.533+/-0.097 χ^2/NDF : 1583833.8/12

In: 308.412+/-0.149 χ^2/NDF : 550255.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 287.533+/-0.097 χ^2/NDF : 1583833.8/12

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 : 8.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

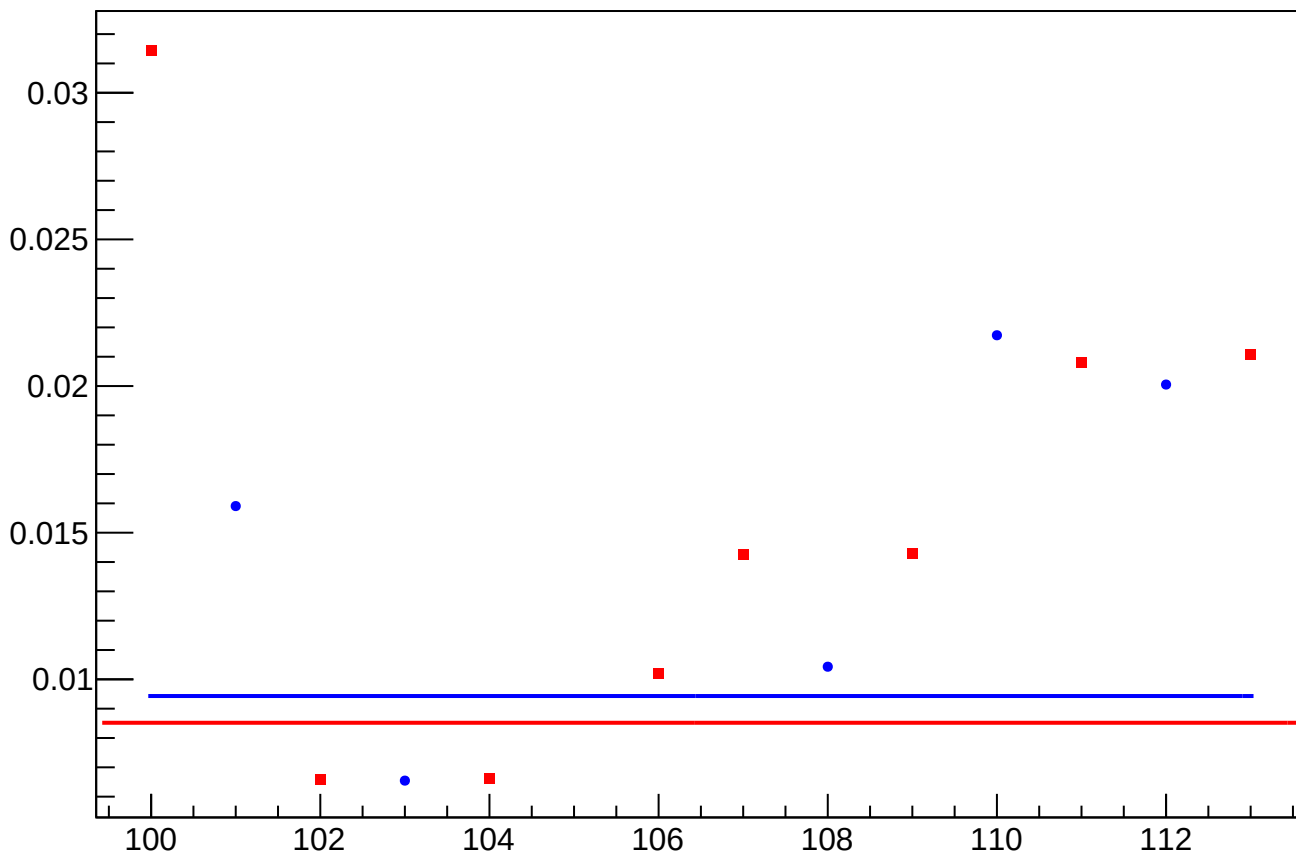
Right: 0.000+/-0.000 χ^2/NDF : 13.0/12

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 : 13.0/12

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: 0.009+/-0.000 χ^2/NDF : 1163054.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

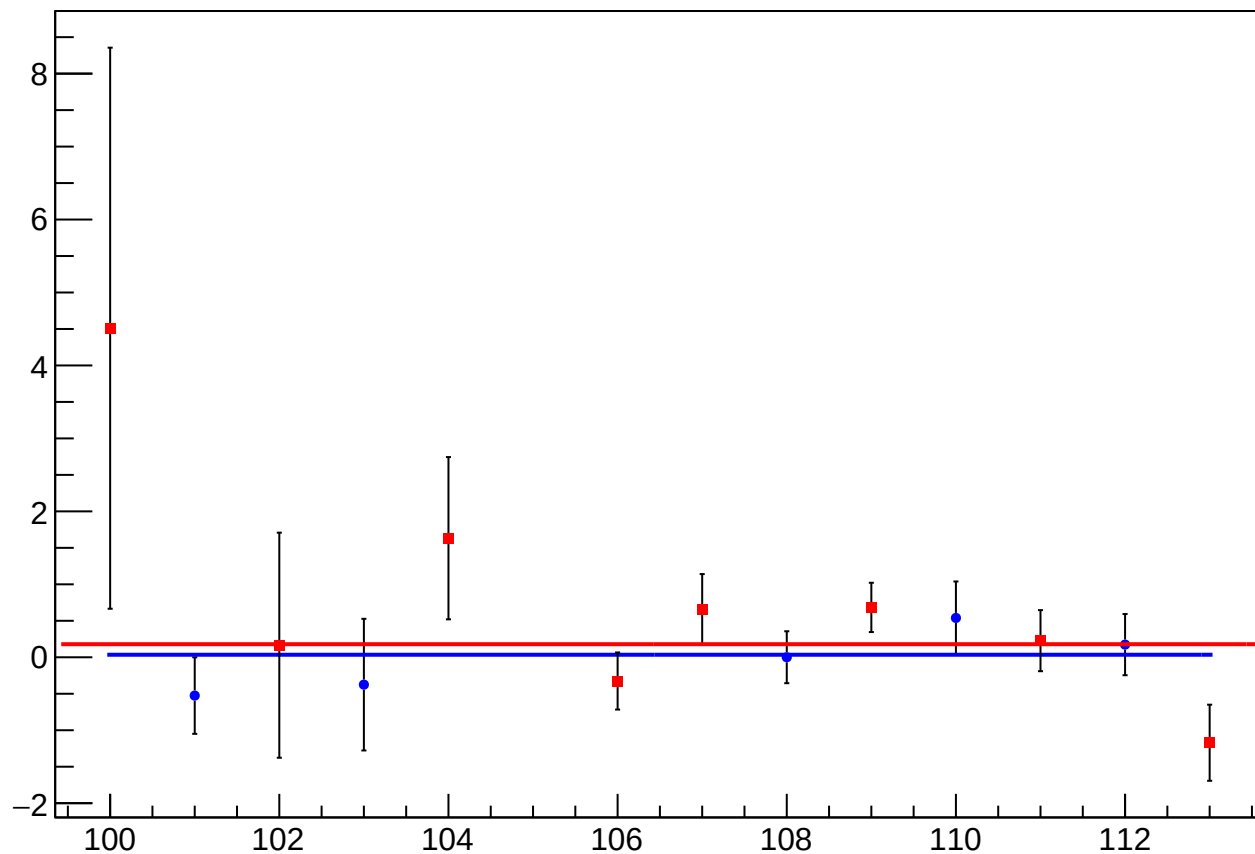
Right: 0.009+/-0.000 χ^2/NDF : 2131221.6/12

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 : 2131221.6/12

asym_at2_avg_eigen_dit_vs_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: 0.179+/-0.182 χ^2/NDF : 14.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

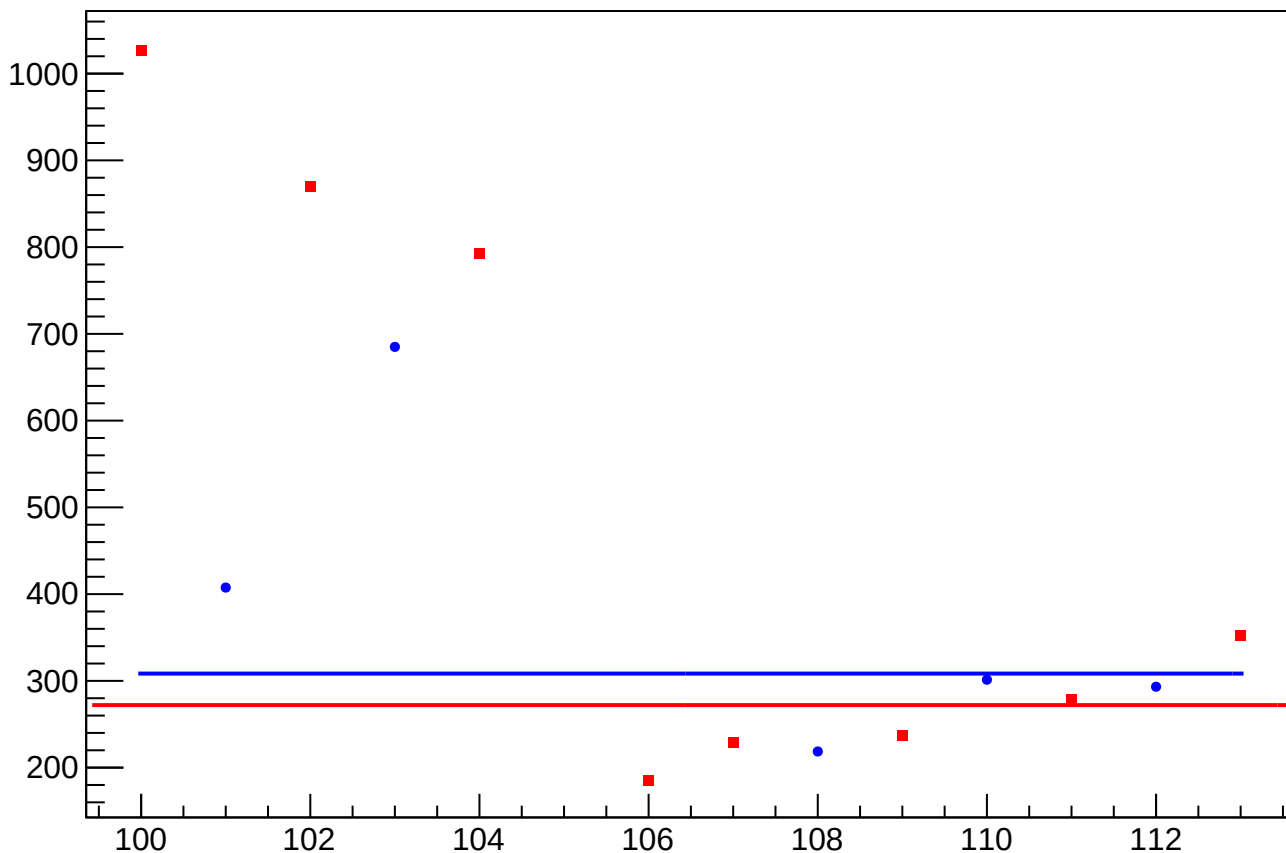
Right: 0.118+/-0.138 χ^2/NDF : 17.3/12

In: 0.035+/-0.211 χ^2/NDF : 2.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.118+/-0.138 χ^2/NDF : 17.3/12

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: 272.075+/-0.128 χ^2/NDF : 999510.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

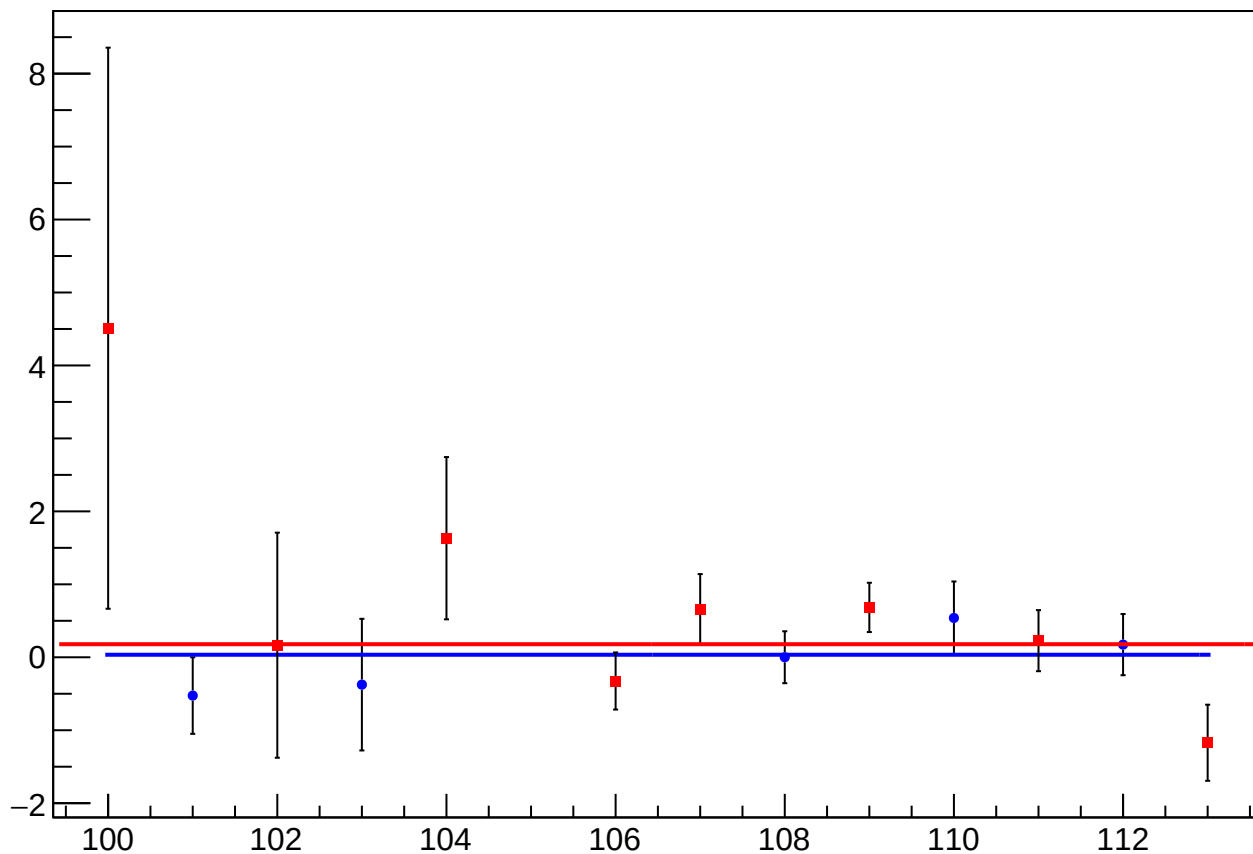
Right: 287.535+/-0.097 χ^2/NDF : 1583810.3/12

In: 308.417+/-0.149 χ^2/NDF : 550231.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 287.535+/-0.097 χ^2/NDF : 1583810.3/12

asym_at2_avg_eigen_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: 0.179 $\pm$ 0.182 χ^2 /NDF: 14.6/7

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

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

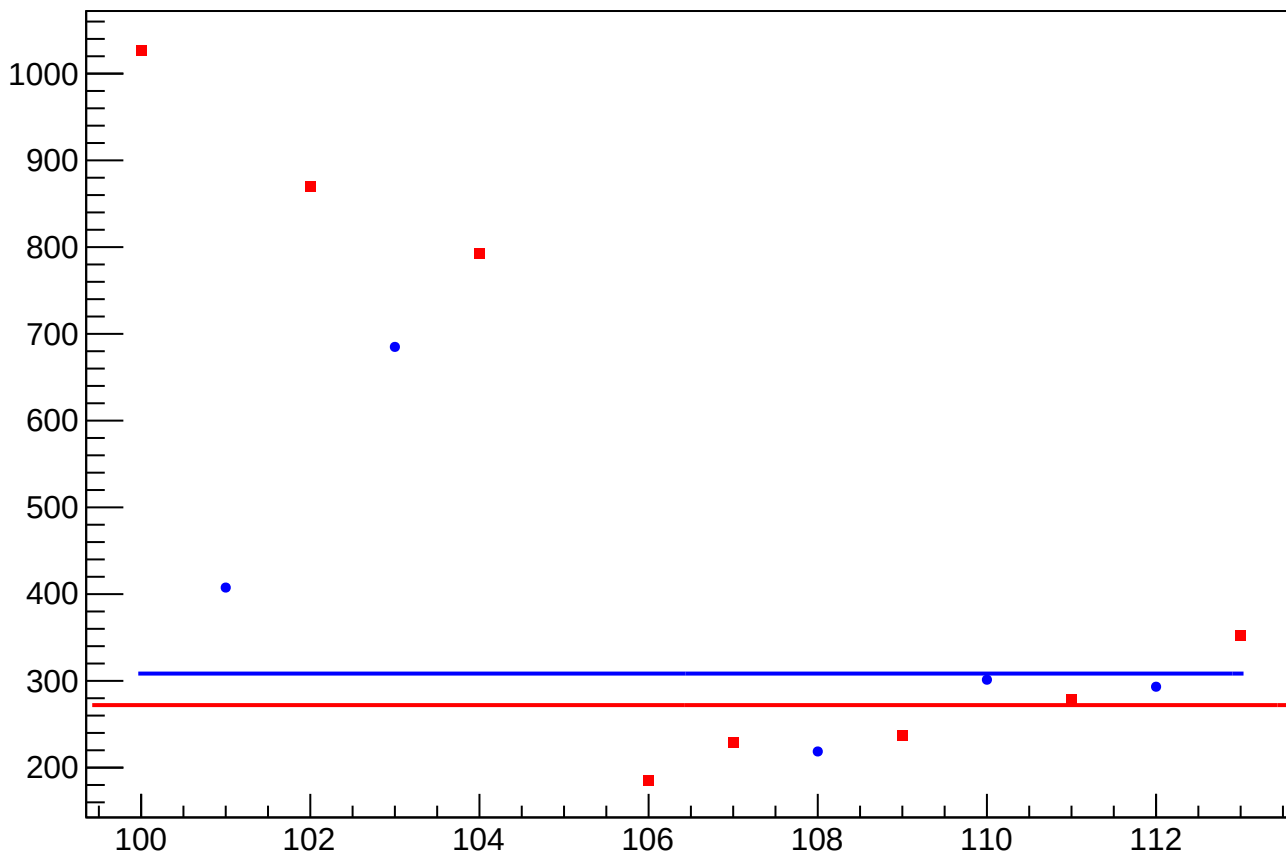
Right: 0.118 $\pm$ 0.138 χ^2 /NDF: 17.3/12

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: 0.118 $\pm$ 0.138 χ^2 /NDF: 17.3/12

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: 272.075+/-0.128 χ^2/NDF : 999510.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

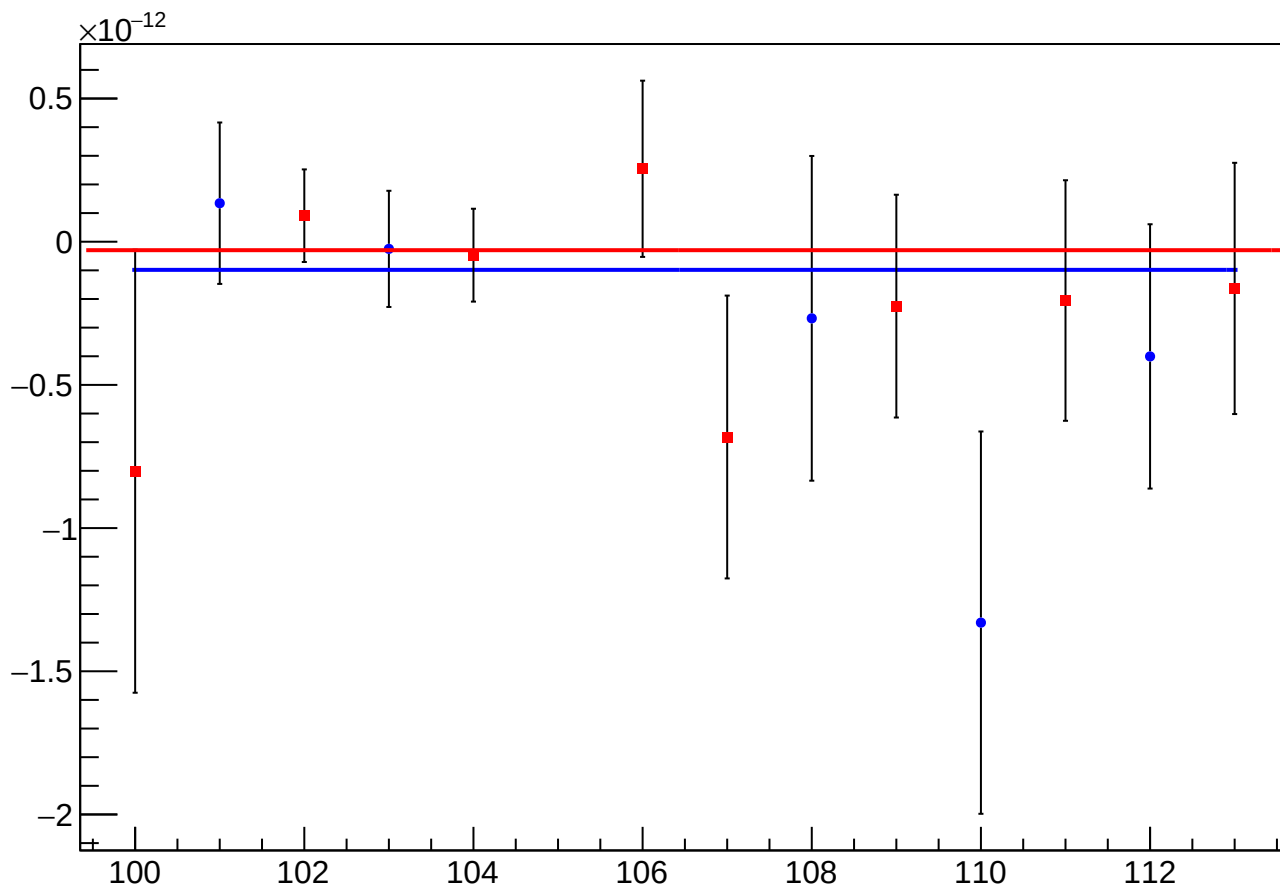
Right: 287.535+/-0.097 χ^2/NDF : 1583810.3/12

In: 308.417+/-0.149 χ^2/NDF : 550231.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 287.535+/-0.097 χ^2/NDF : 1583810.3/12

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 : 4.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

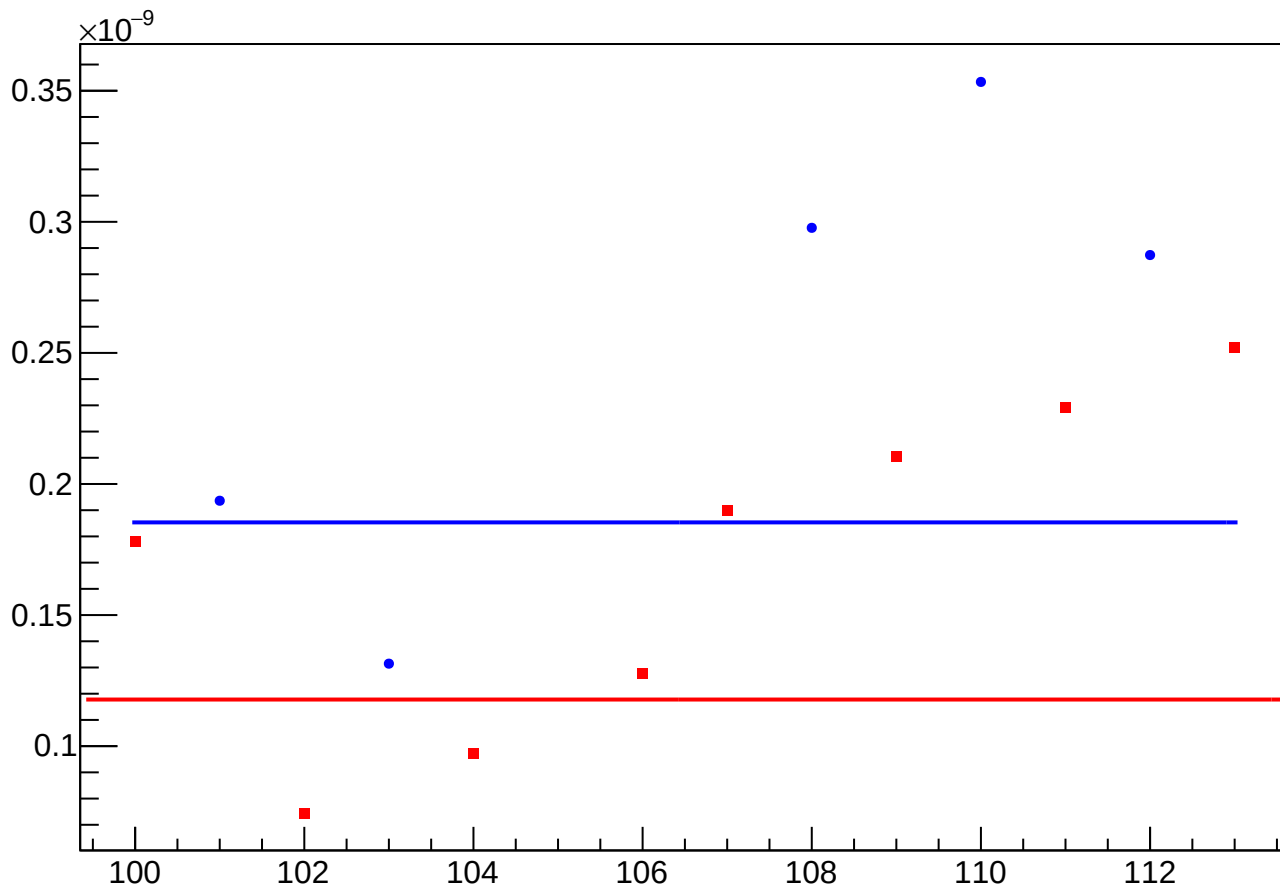
Right: -0.000+/-0.000 χ^2/NDF : 9.6/12

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 : 9.6/12

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 : 674393.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

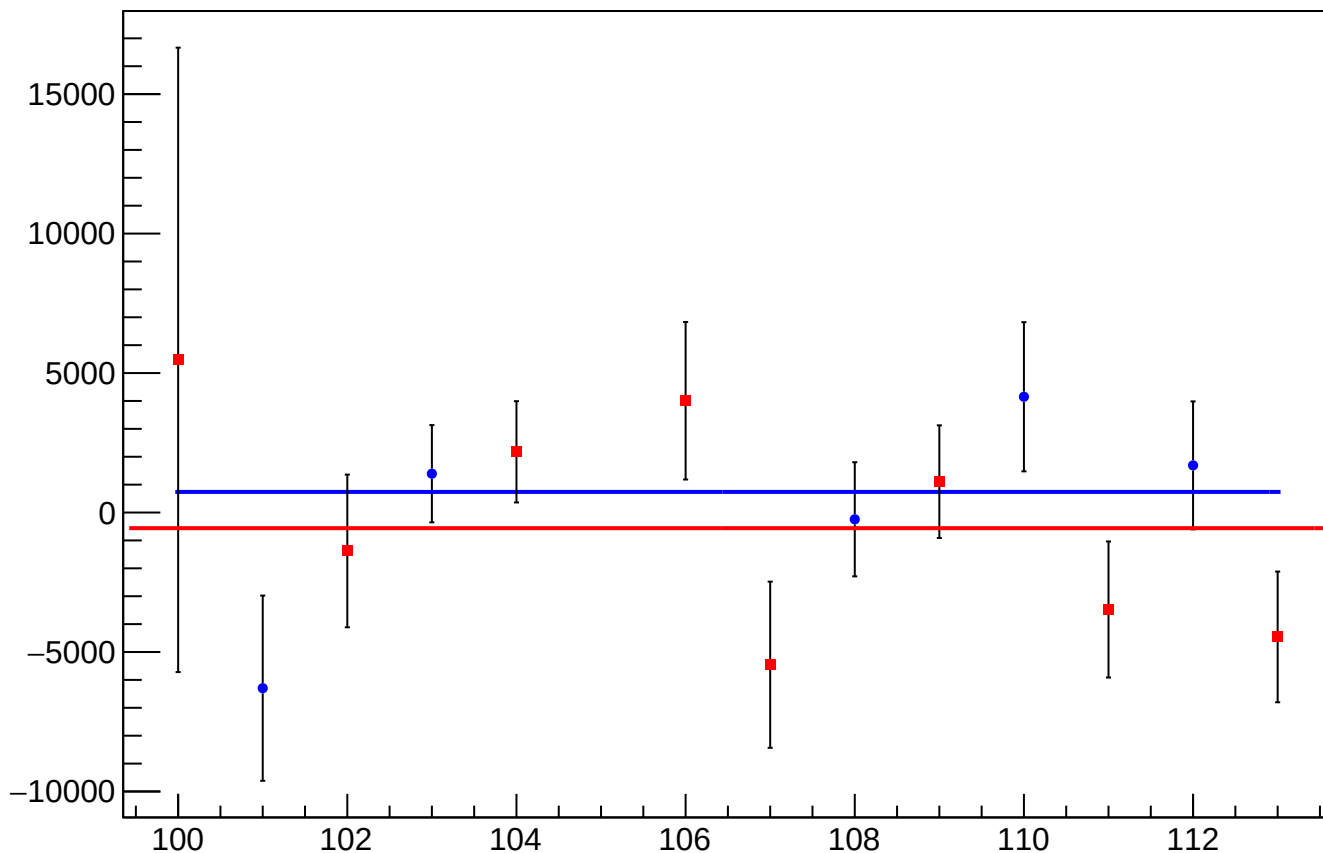
Right: 0.000+/-0.000 χ^2/NDF : 1420704.8/12

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 : 1420704.8/12

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: -560.685+/-884.314 χ^2/NDF : 12.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

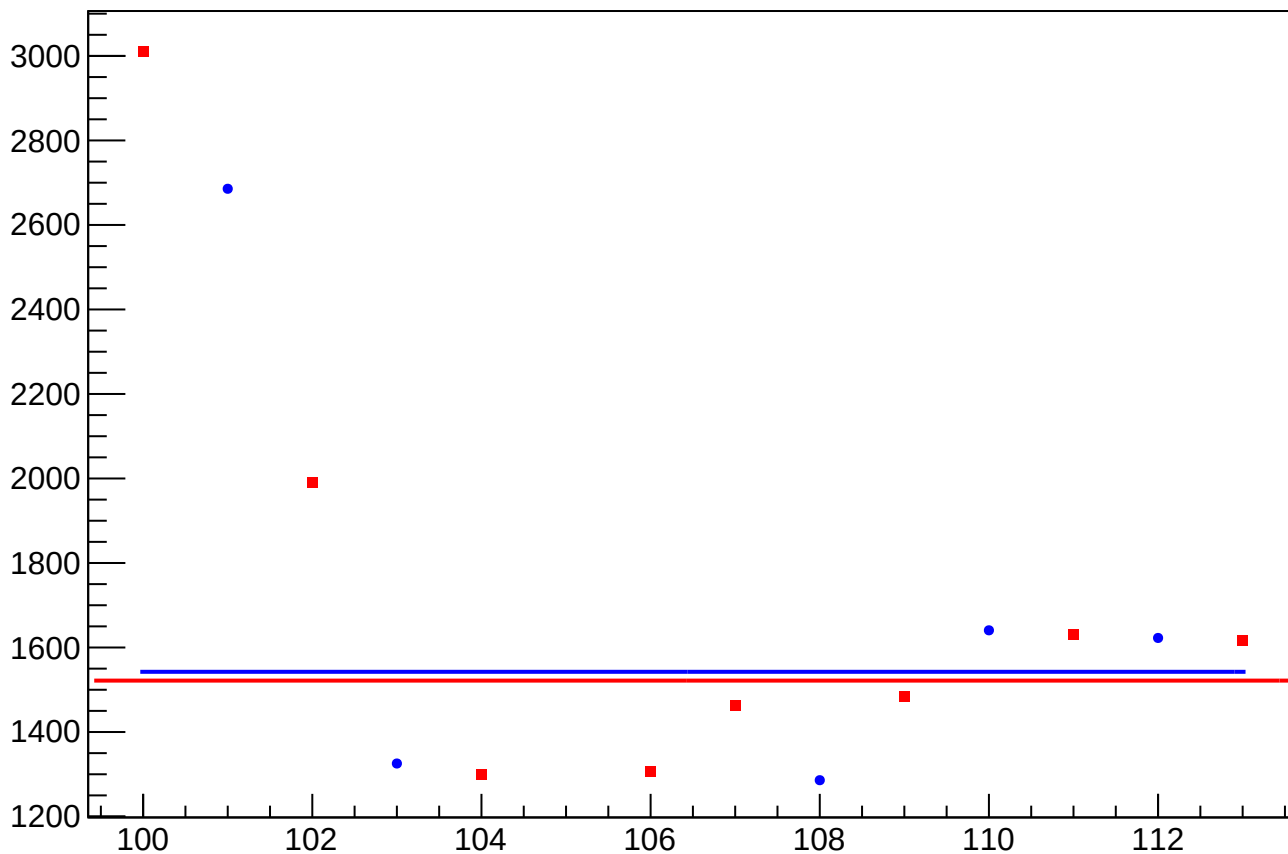
Right: 6.249+/-664.084 χ^2/NDF : 20.5/12

In: 739.445+/-1005.659 χ^2/NDF : 6.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.249+/-664.084 χ^2/NDF : 20.5/12

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: 1521.666+/-0.625 χ^2/NDF : 143925.7/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

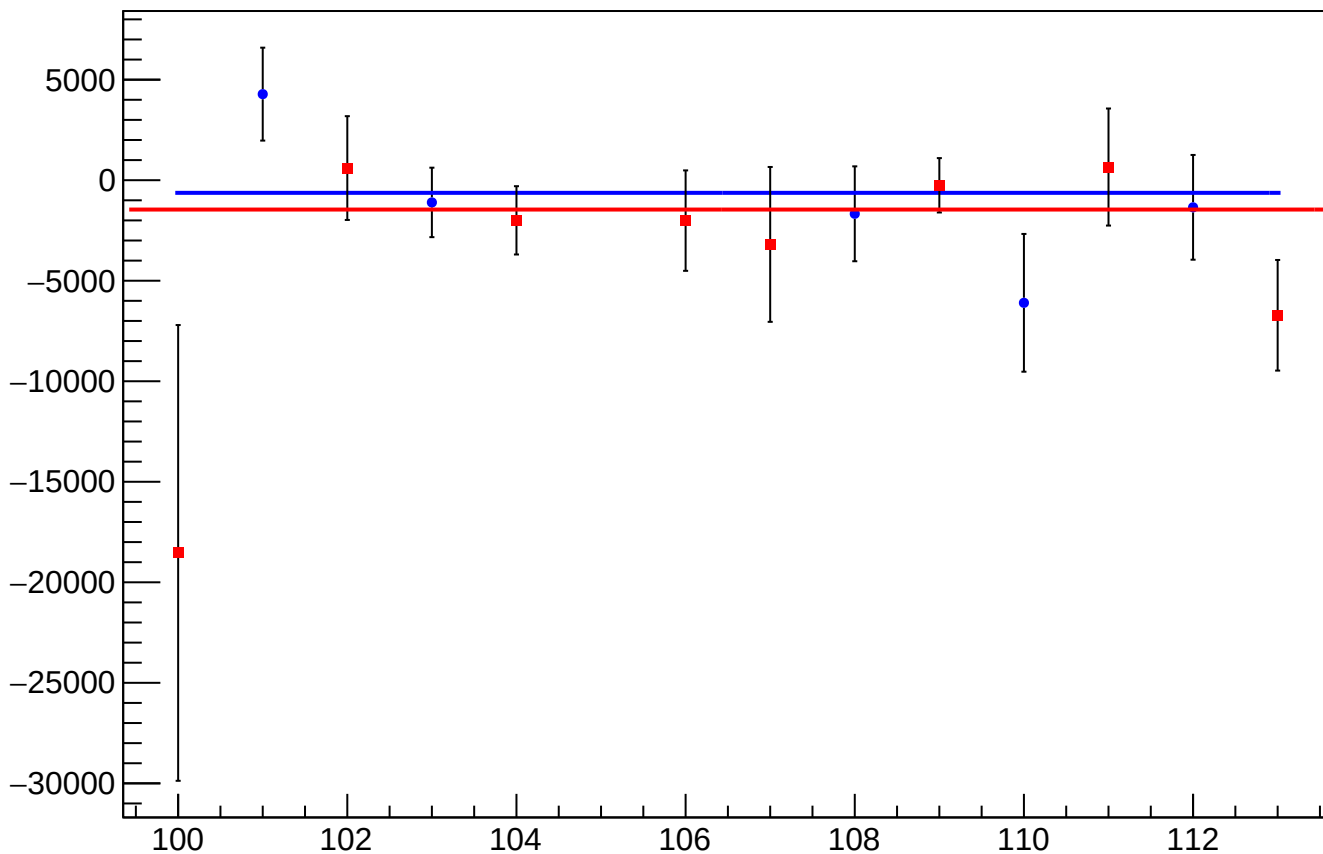
Right: 1530.744+/-0.470 χ^2/NDF : 449125.9/12

In: 1542.484+/-0.711 χ^2/NDF : 304716.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1530.744+/-0.470 χ^2/NDF : 449125.9/12

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: -1459.769+/-808.665 χ^2/NDF : 8.2/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

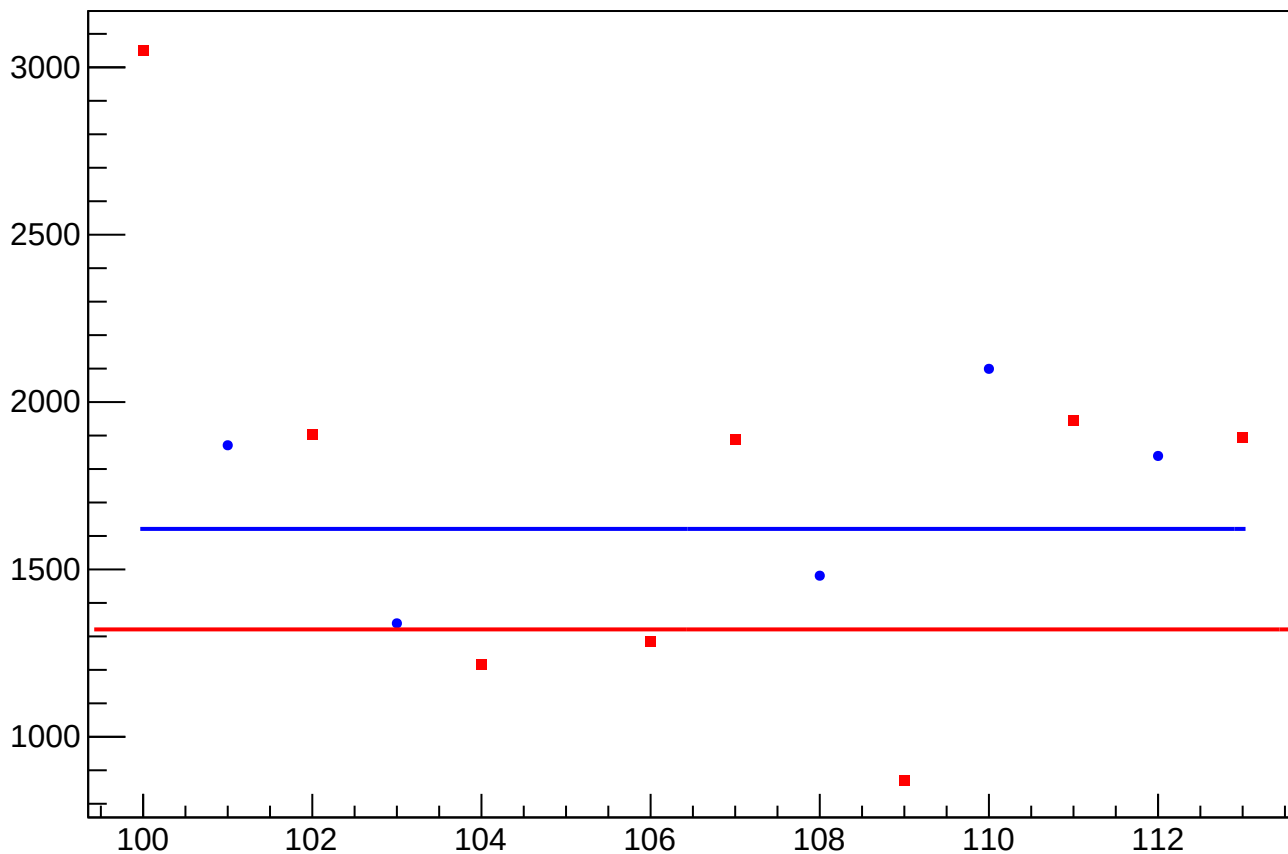
Right: -1144.506+/-637.115 χ^2/NDF : 16.0/12

In: -628.545+/-1034.523 χ^2/NDF : 7.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1144.506+/-637.115 χ^2/NDF : 16.0/12

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: 1320.863+/-0.572 χ^2/NDF : 601538.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

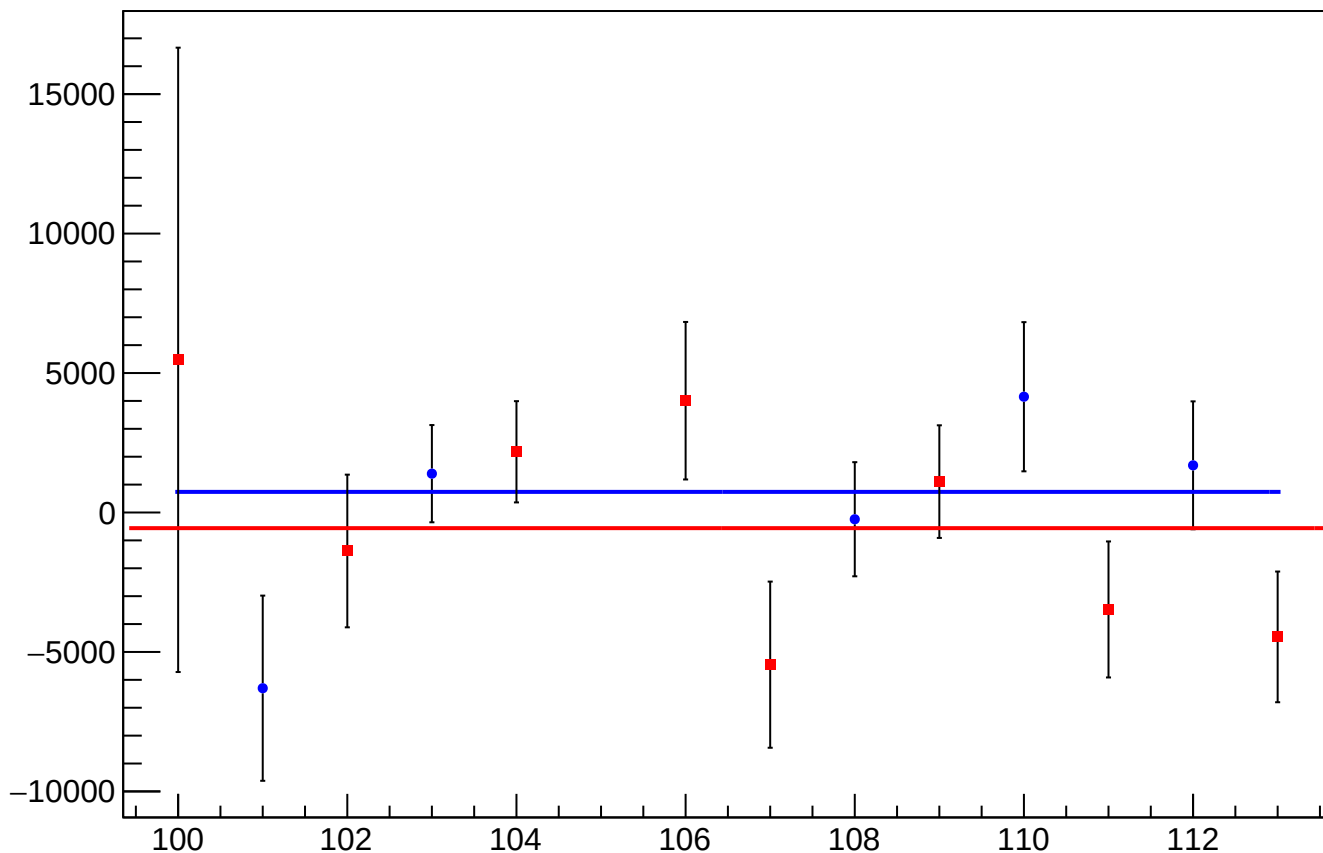
Right: 1434.744+/-0.451 χ^2/NDF : 842812.7/12

In: 1621.121+/-0.732 χ^2/NDF : 136696.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1434.744+/-0.451 χ^2/NDF : 842812.7/12

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: -561.227+/-884.314 χ^2/NDF : 12.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

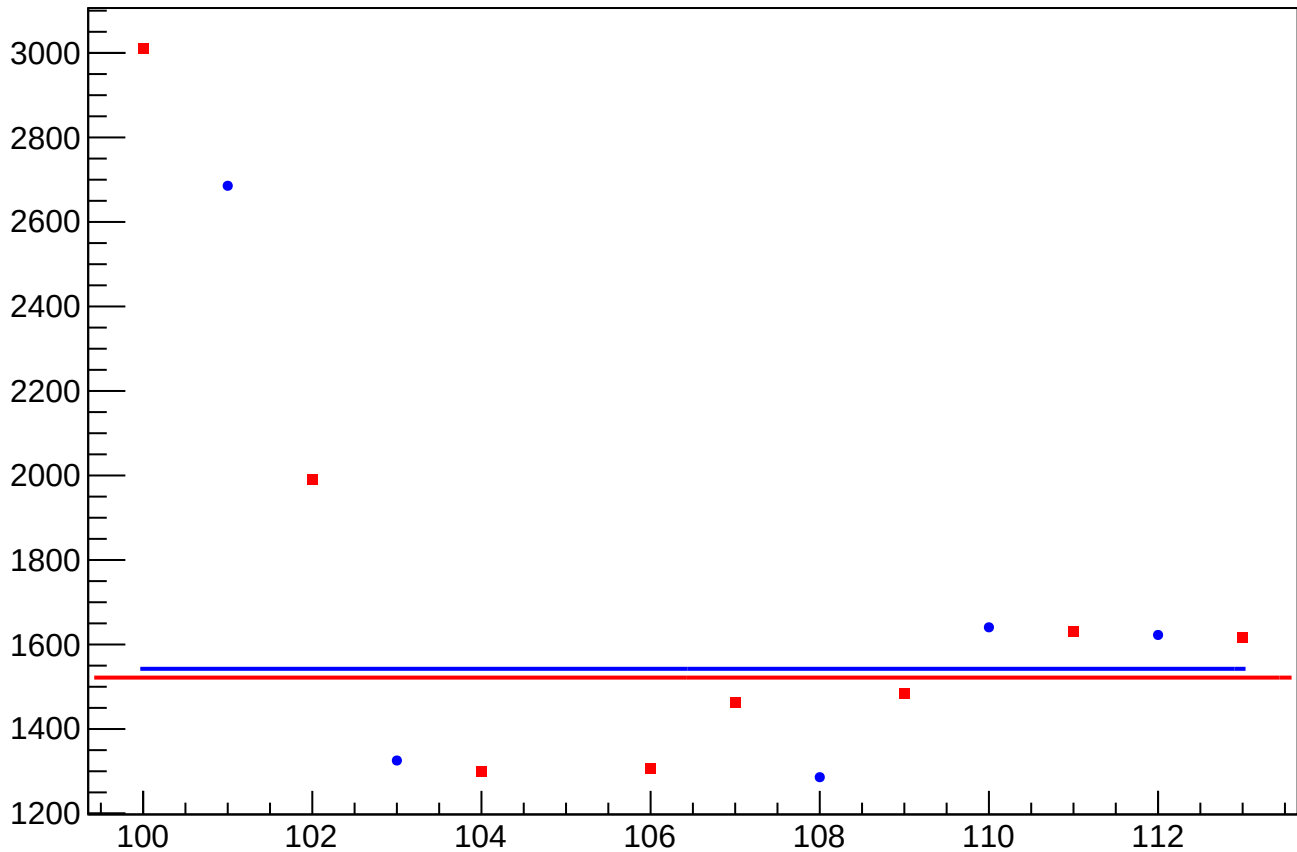
Right: 5.815+/-664.084 χ^2/NDF : 20.5/12

In: 739.153+/-1005.659 χ^2/NDF : 6.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.815+/-664.084 χ^2/NDF : 20.5/12

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: 1521.666+/-0.625 χ^2/NDF : 143925.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

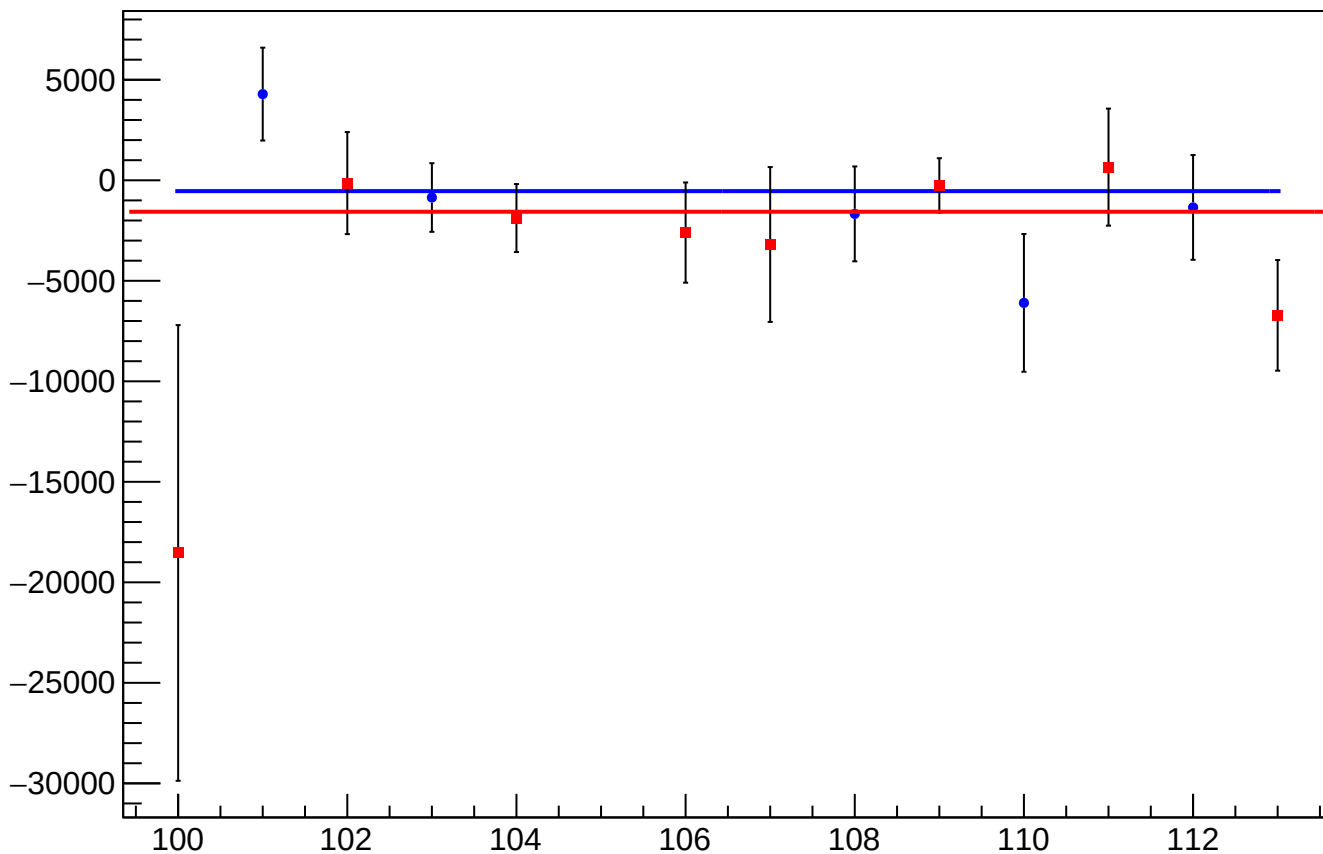
Right: 1530.744+/-0.470 χ^2/NDF : 449125.8/12

In: 1542.484+/-0.711 χ^2/NDF : 304716.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1530.744+/-0.470 χ^2/NDF : 449125.8/12

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: -1564.392+/-806.316 χ^2/NDF : 8.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

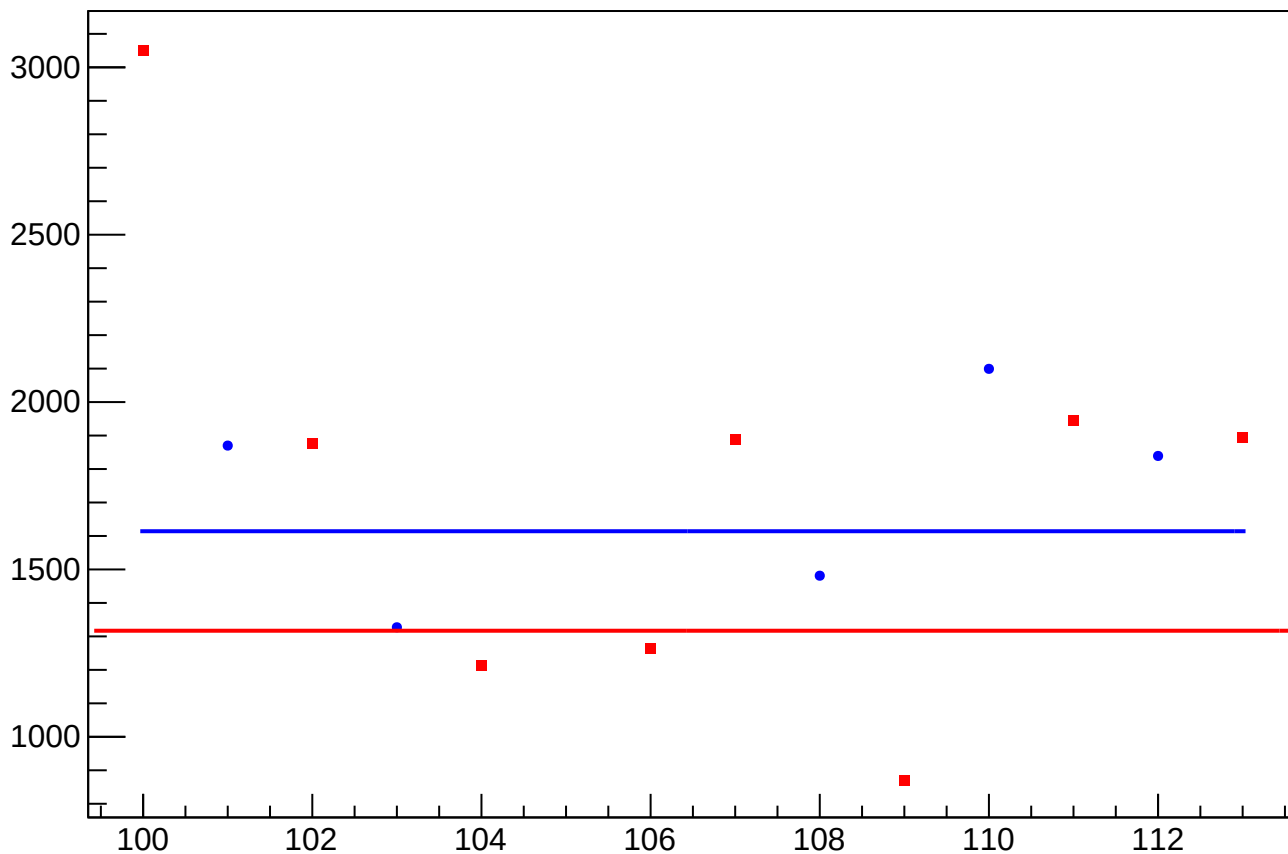
Right: -1174.985+/-634.872 χ^2/NDF : 16.0/12

In: -539.752+/-1029.840 χ^2/NDF : 7.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1174.985+/-634.872 χ^2/NDF : 16.0/12

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: 1316.927+/-0.570 χ^2/NDF : 595745.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

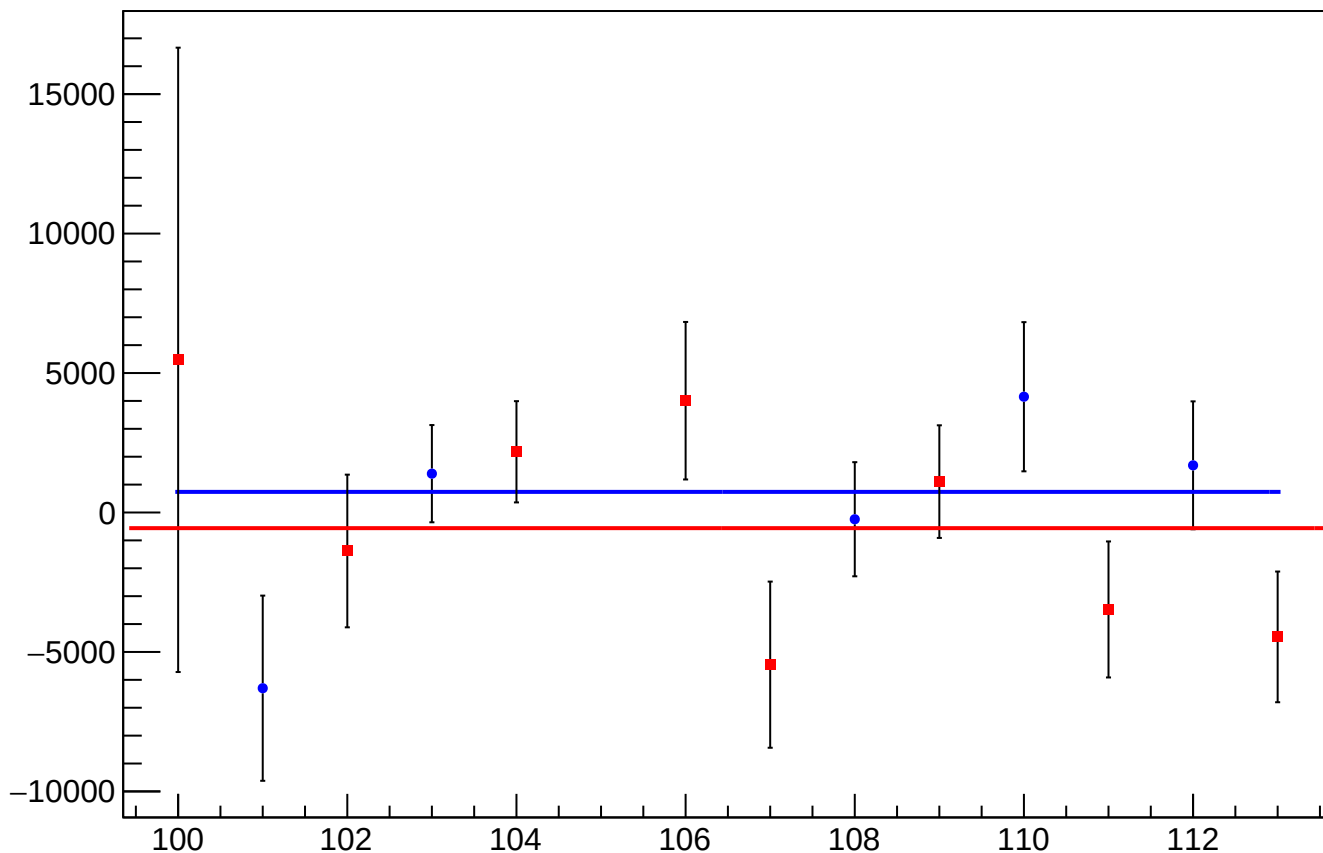
Right: 1429.899+/-0.449 χ^2/NDF : 841490.0/12

In: 1614.187+/-0.728 χ^2/NDF : 142438.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1429.899+/-0.449 χ^2/NDF : 841490.0/12

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: -561.227+/-884.314 χ^2/NDF : 12.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

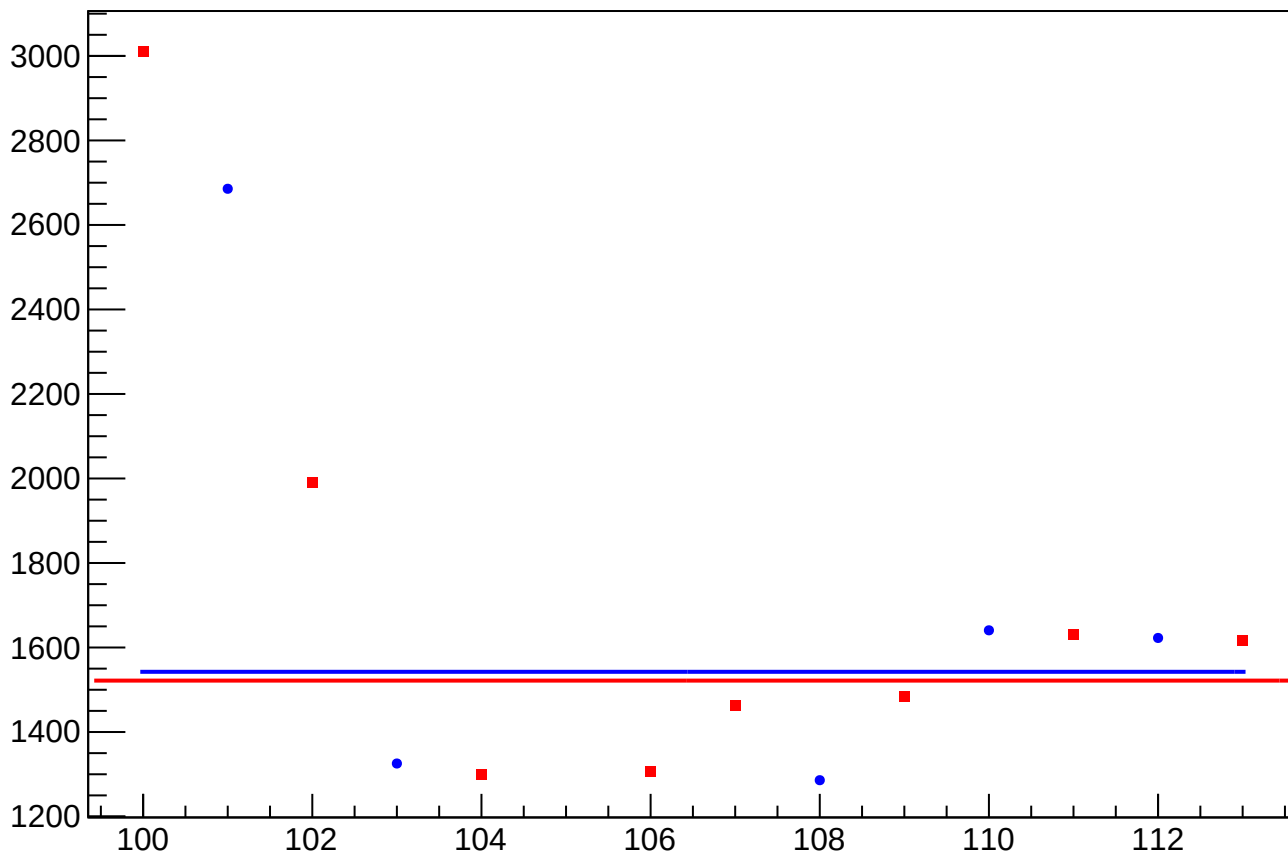
Right: 5.815+/-664.084 χ^2/NDF : 20.5/12

In: 739.153+/-1005.659 χ^2/NDF : 6.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.815+/-664.084 χ^2/NDF : 20.5/12

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: 1521.666+/-0.625 χ^2/NDF : 143925.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

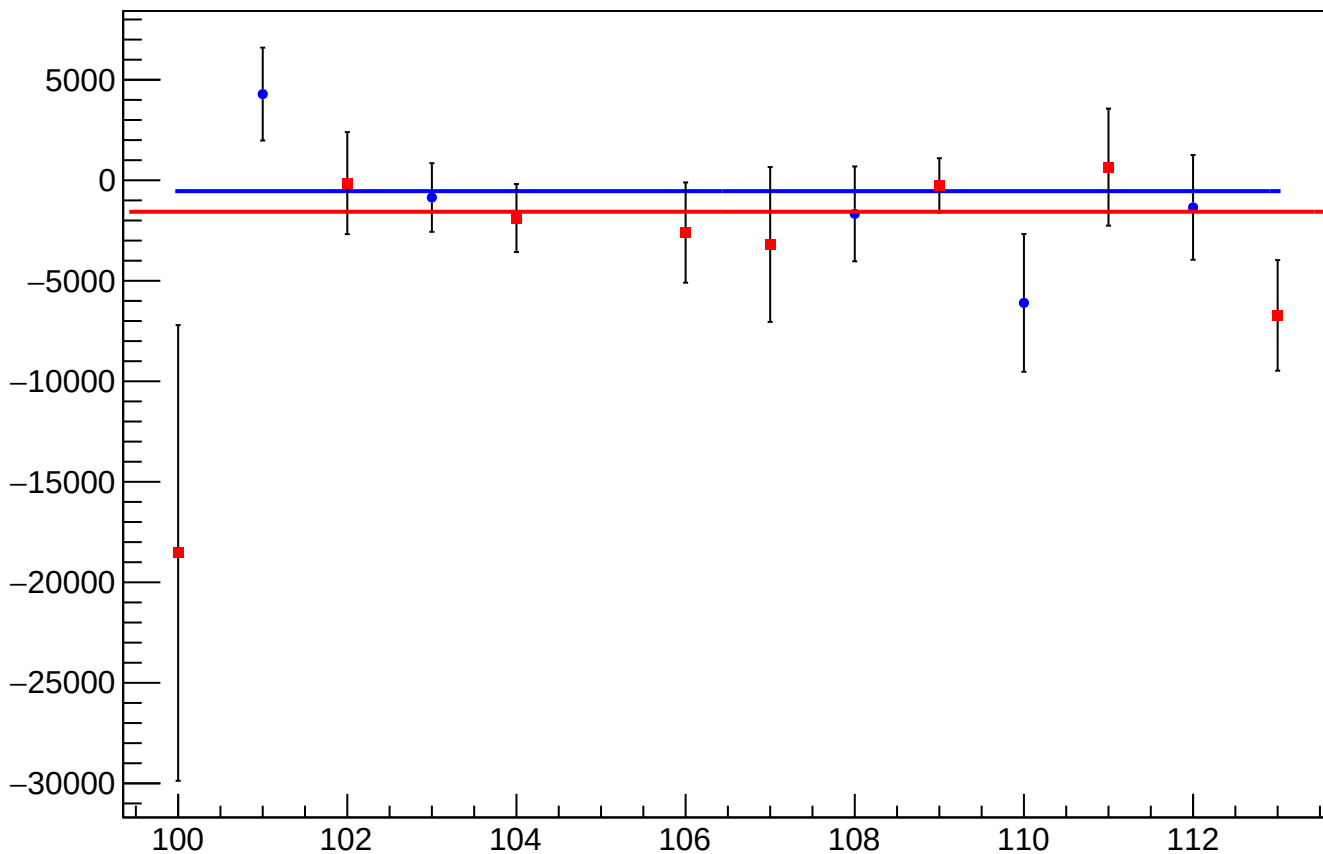
Right: 1530.744+/-0.470 χ^2/NDF : 449125.8/12

In: 1542.484+/-0.711 χ^2/NDF : 304716.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1530.744+/-0.470 χ^2/NDF : 449125.8/12

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: -1564.392+/-806.316 χ^2/NDF : 8.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

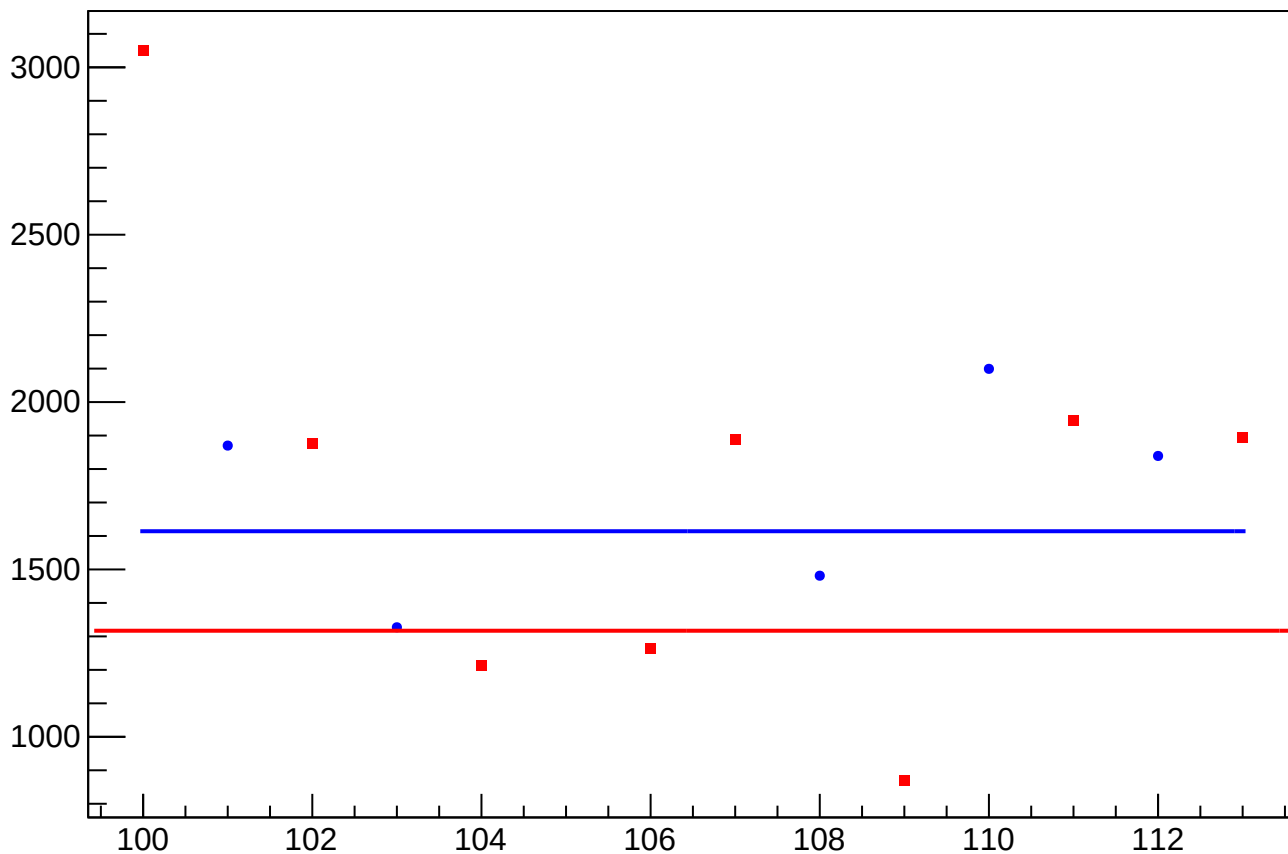
Right: -1174.985+/-634.872 χ^2/NDF : 16.0/12

In: -539.752+/-1029.840 χ^2/NDF : 7.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1174.985+/-634.872 χ^2/NDF : 16.0/12

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: 1316.927+/-0.570 χ^2/NDF : 595745.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

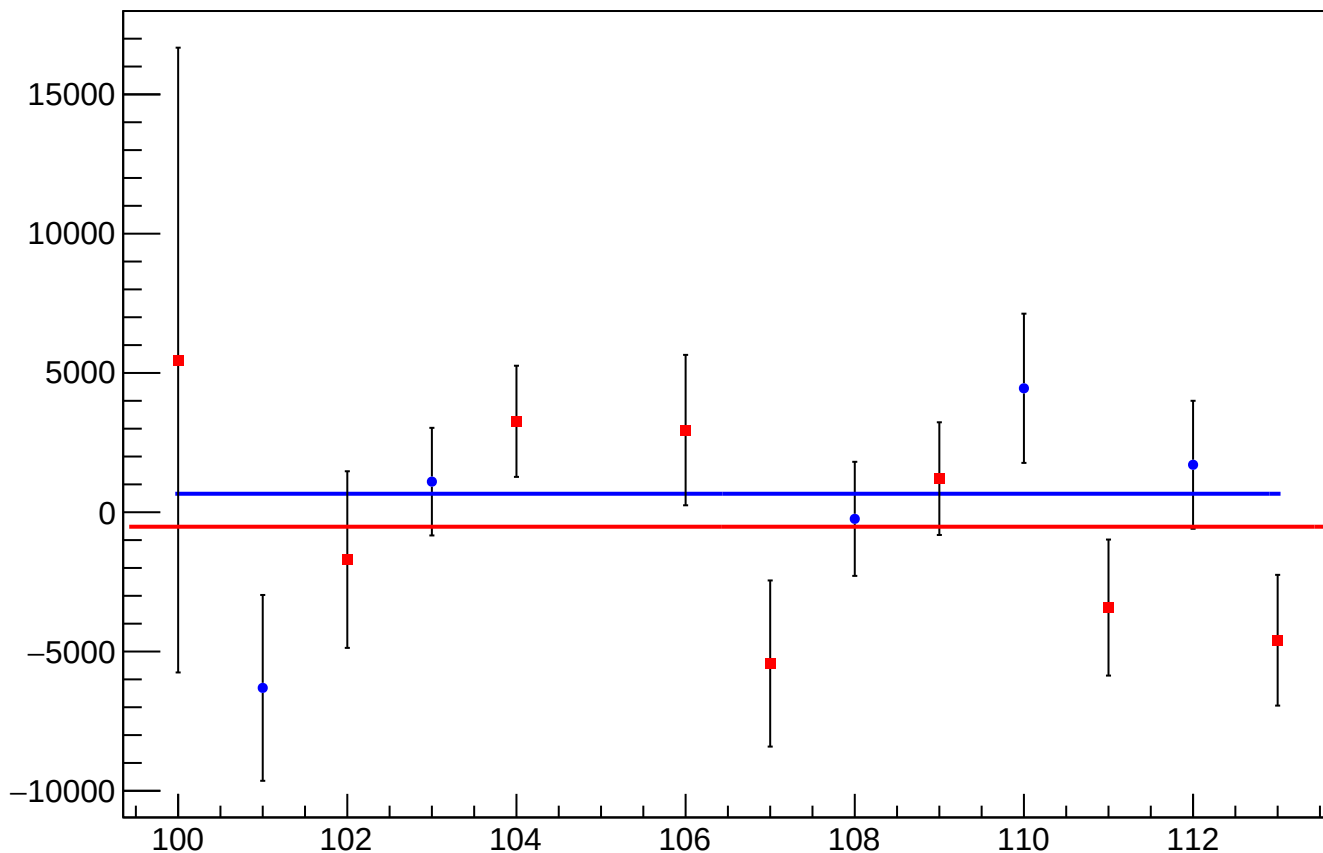
Right: 1429.899+/-0.449 χ^2/NDF : 841490.0/12

In: 1614.187+/-0.728 χ^2/NDF : 142438.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1429.899+/-0.449 χ^2/NDF : 841490.0/12

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: -519.758+/-912.113 χ^2/NDF : 13.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

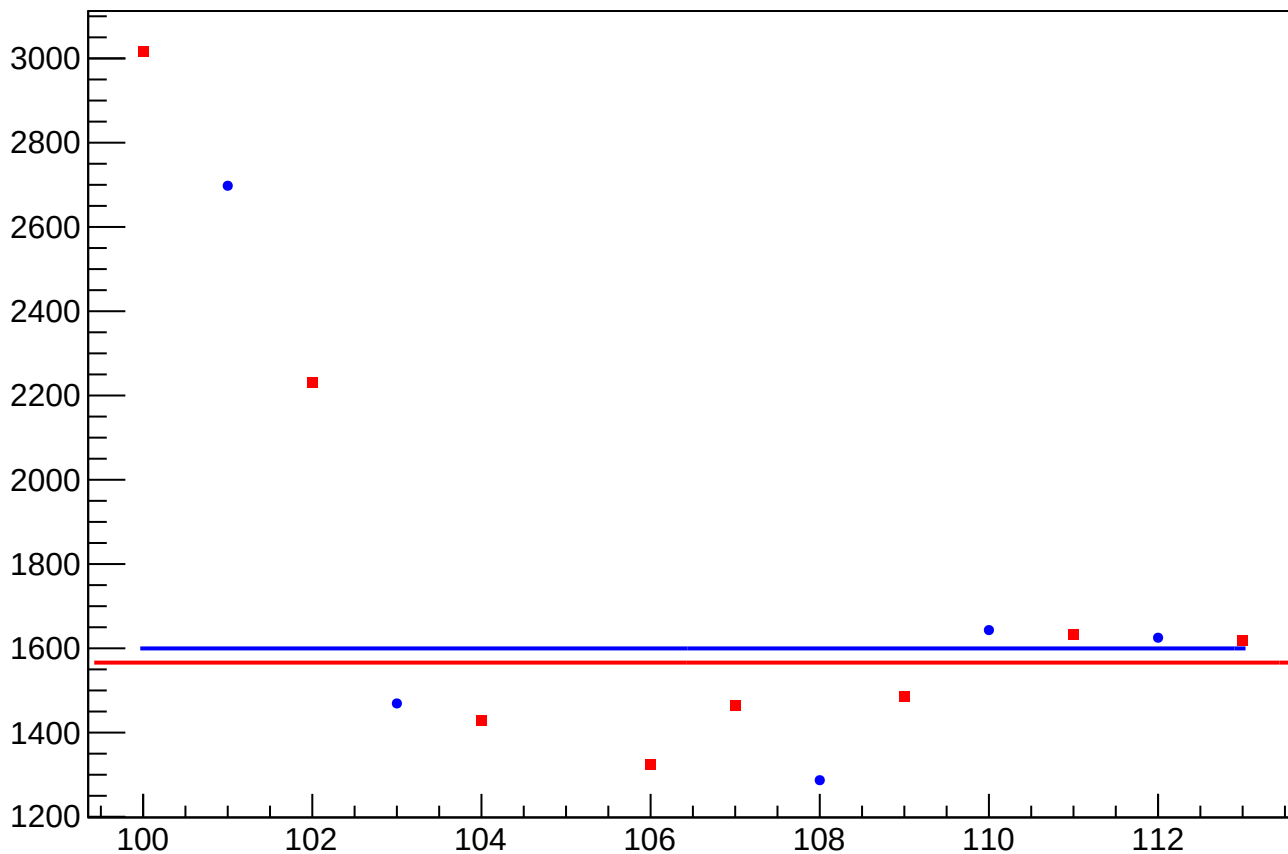
Right: -4.914+/-685.602 χ^2/NDF : 21.1/12

In: 663.786+/-1039.505 χ^2/NDF : 6.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.914+/-685.602 χ^2/NDF : 21.1/12

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1599.759 $\pm$ 0.735 χ^2 /NDF: 273309.8/4

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

Right Out: 1566.105 $\pm$ 0.645 χ^2 /NDF: 154376.4/7

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

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

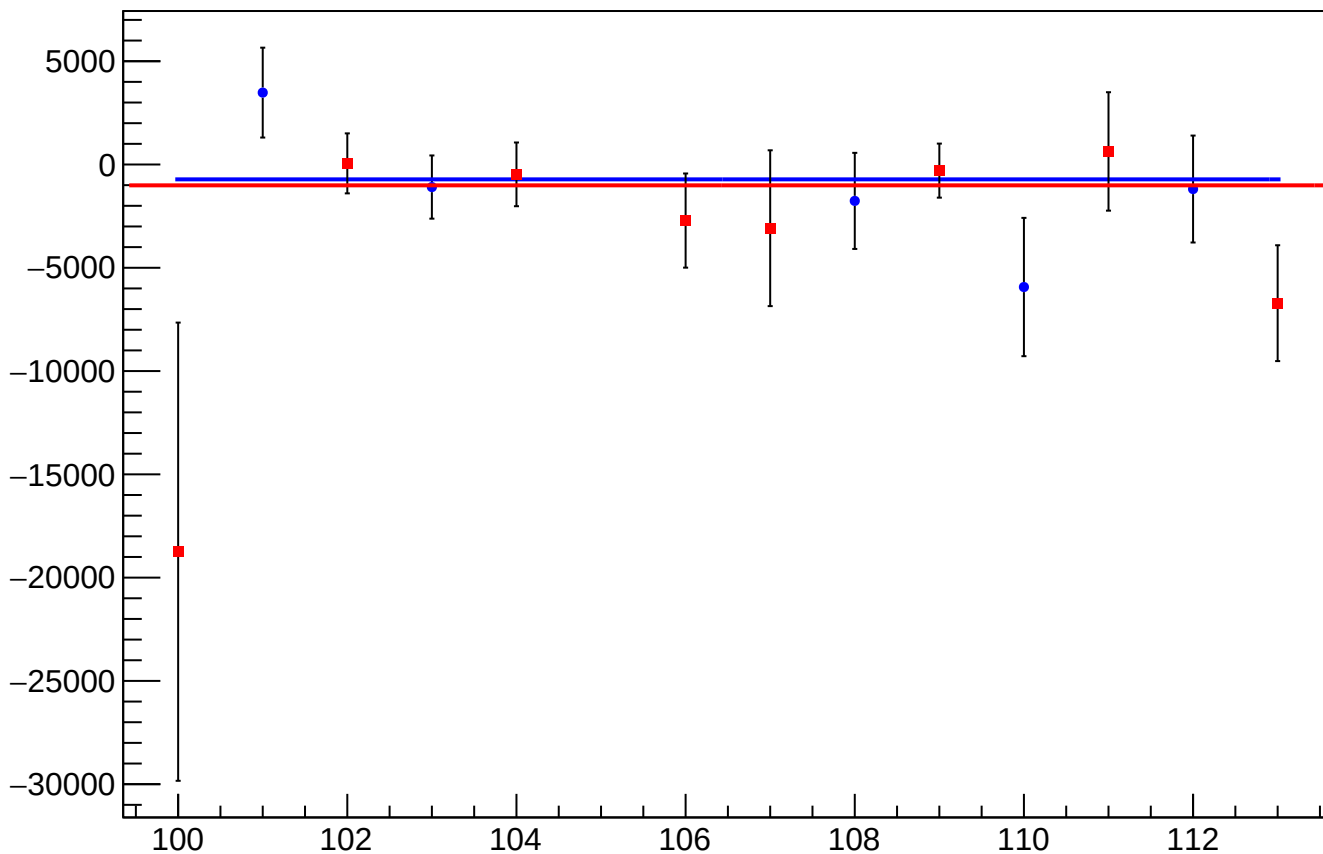
Right: 1580.745 $\pm$ 0.485 χ^2 /NDF: 428870.6/12

In: 1599.759 $\pm$ 0.735 χ^2 /NDF:273309.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1580.745 $\pm$ 0.485 χ^2 /NDF: 428870.6/12

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: -1008.996+/-707.397 χ^2/NDF : 8.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

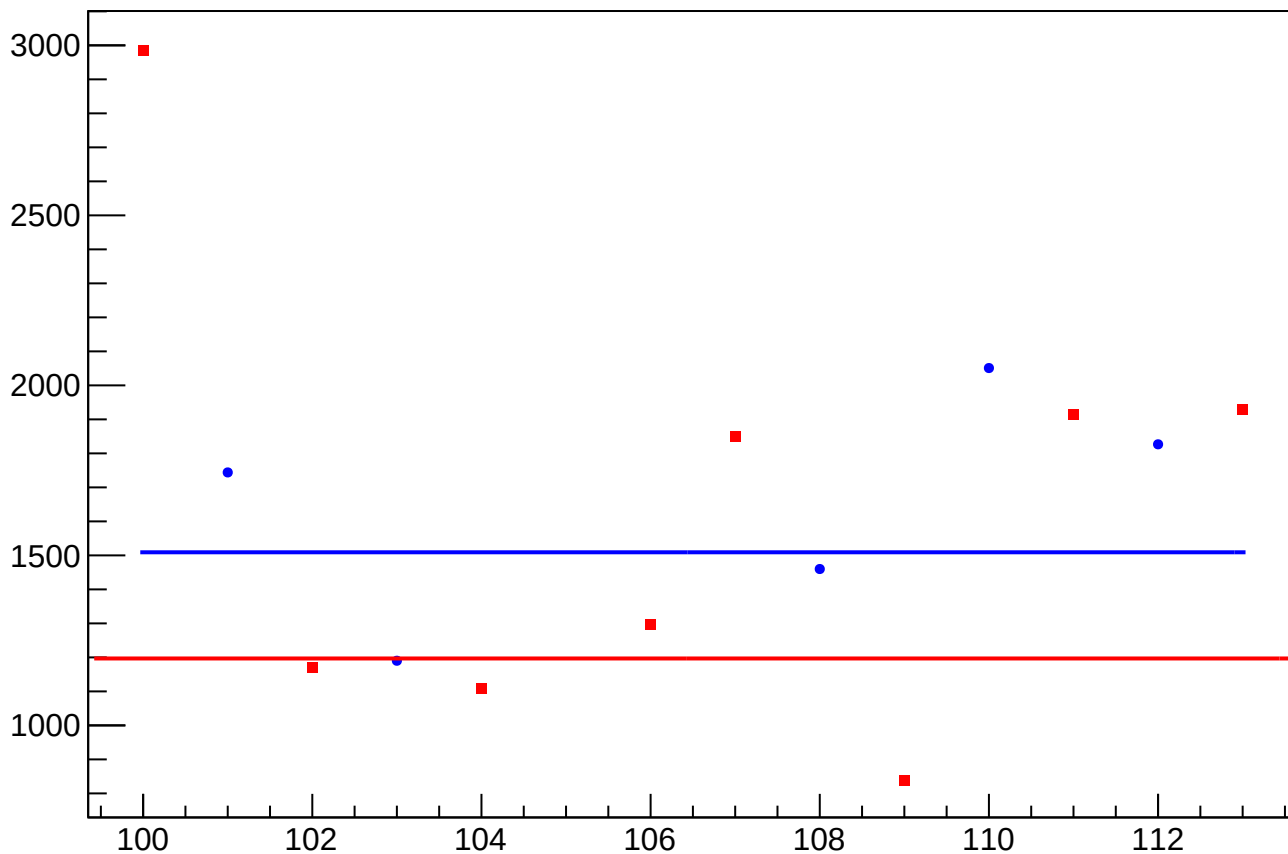
Right: -908.463+/-571.636 χ^2/NDF : 15.3/12

In: -719.276+/-970.408 χ^2/NDF : 6.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -908.463+/-571.636 χ^2/NDF : 15.3/12

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: 1196.813+/-0.500 χ^2/NDF : 535353.3/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

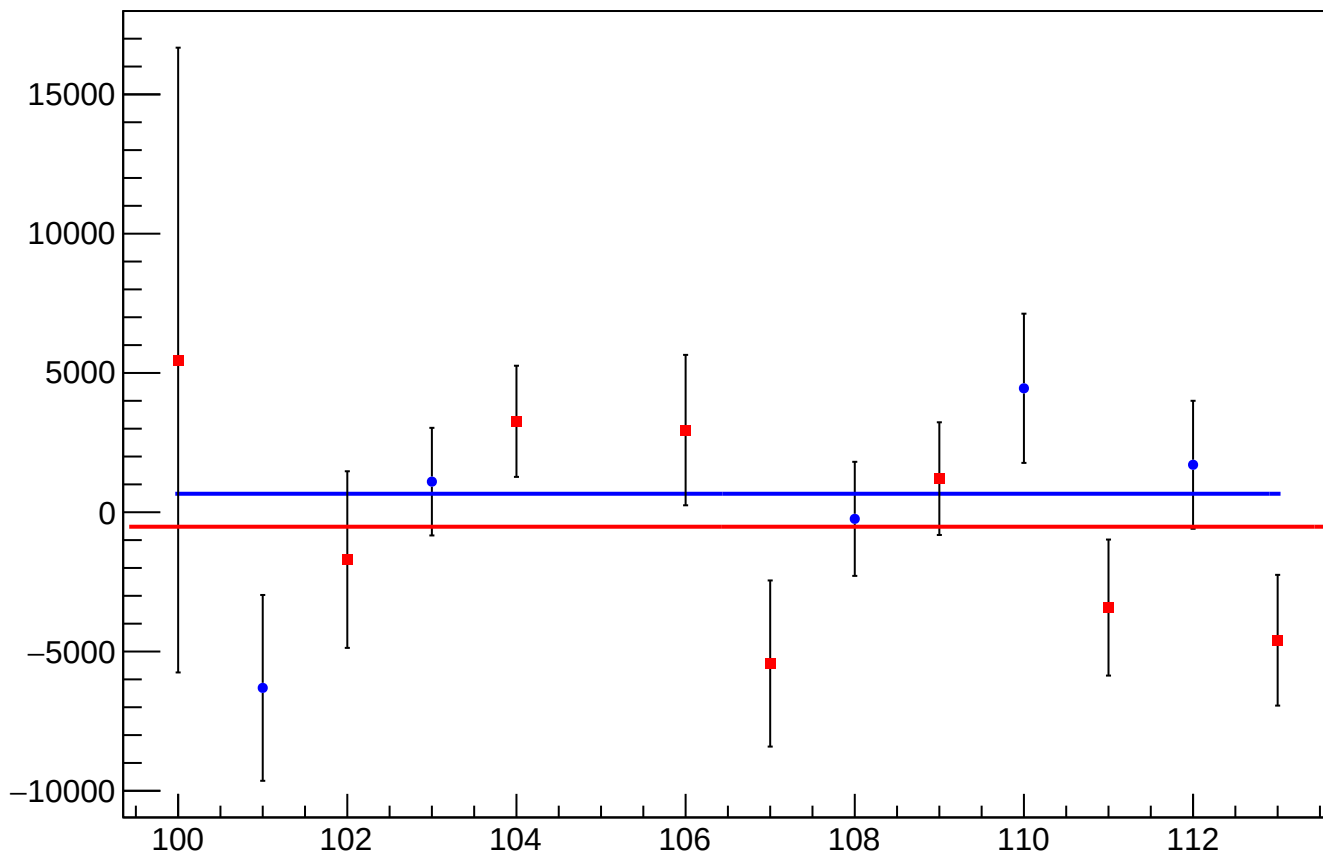
Right: 1305.176+/-0.404 χ^2/NDF : 864246.0/12

In: 1509.099+/-0.686 χ^2/NDF : 193641.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1305.176+/-0.404 χ^2/NDF : 864246.0/12

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: -519.758+/-912.113 χ^2/NDF : 13.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

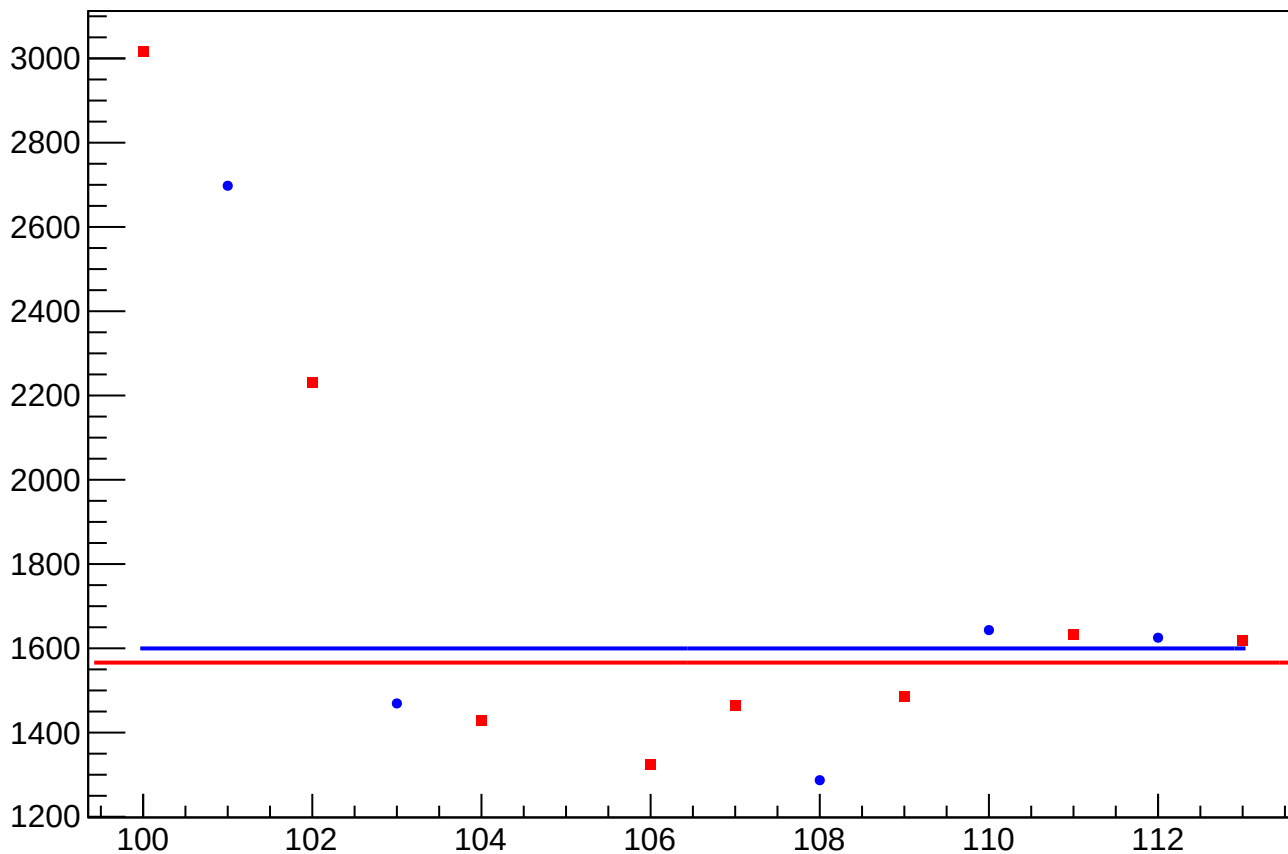
Right: -4.917+/-685.602 χ^2/NDF : 21.1/12

In: 663.779+/-1039.505 χ^2/NDF : 6.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.917+/-685.602 χ^2/NDF : 21.1/12

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: 1566.105+/-0.645 χ^2/NDF : 154376.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

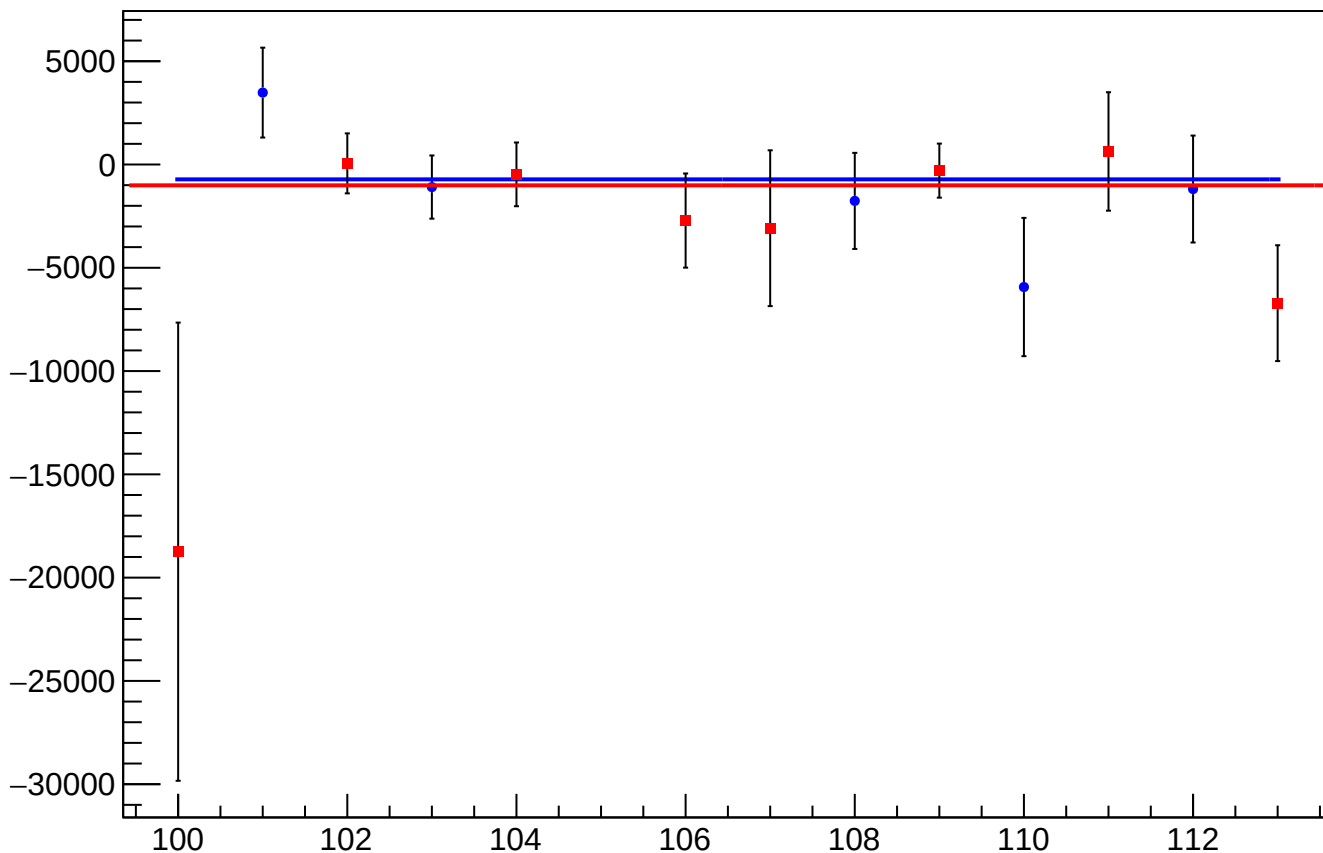
Right: 1580.745+/-0.485 χ^2/NDF : 428870.4/12

In: 1599.759+/-0.735 χ^2/NDF : 273309.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1580.745+/-0.485 χ^2/NDF : 428870.4/12

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: -1009.000+/-707.399 χ^2/NDF : 8.8/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

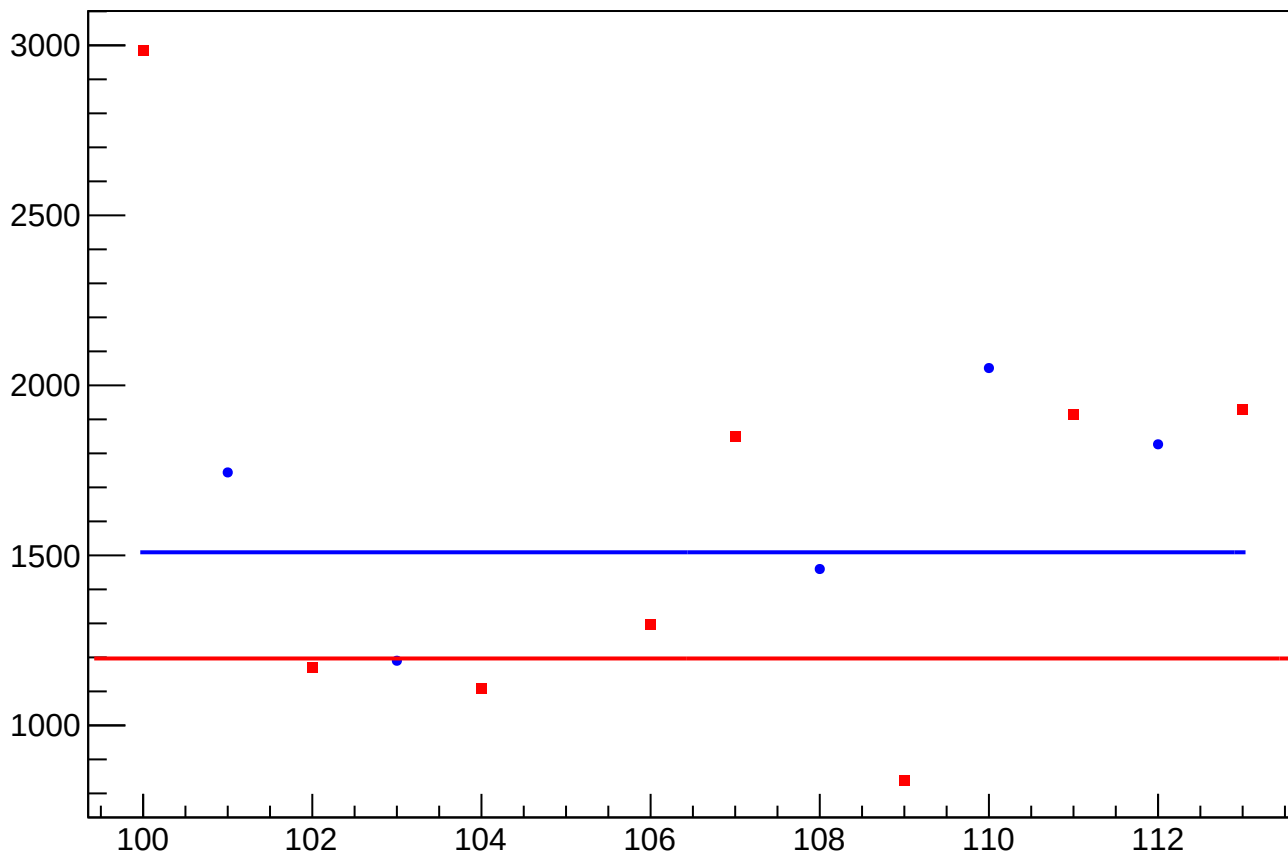
Right: -908.464+/-571.637 χ^2/NDF : 15.3/12

In: -719.275+/-970.406 χ^2/NDF : 6.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -908.464+/-571.637 χ^2/NDF : 15.3/12

asym_at2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1509.097+/-0.686 χ^2/NDF : 193638.5/4

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

Right Out: 1196.819+/-0.500 χ^2/NDF : 535338.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

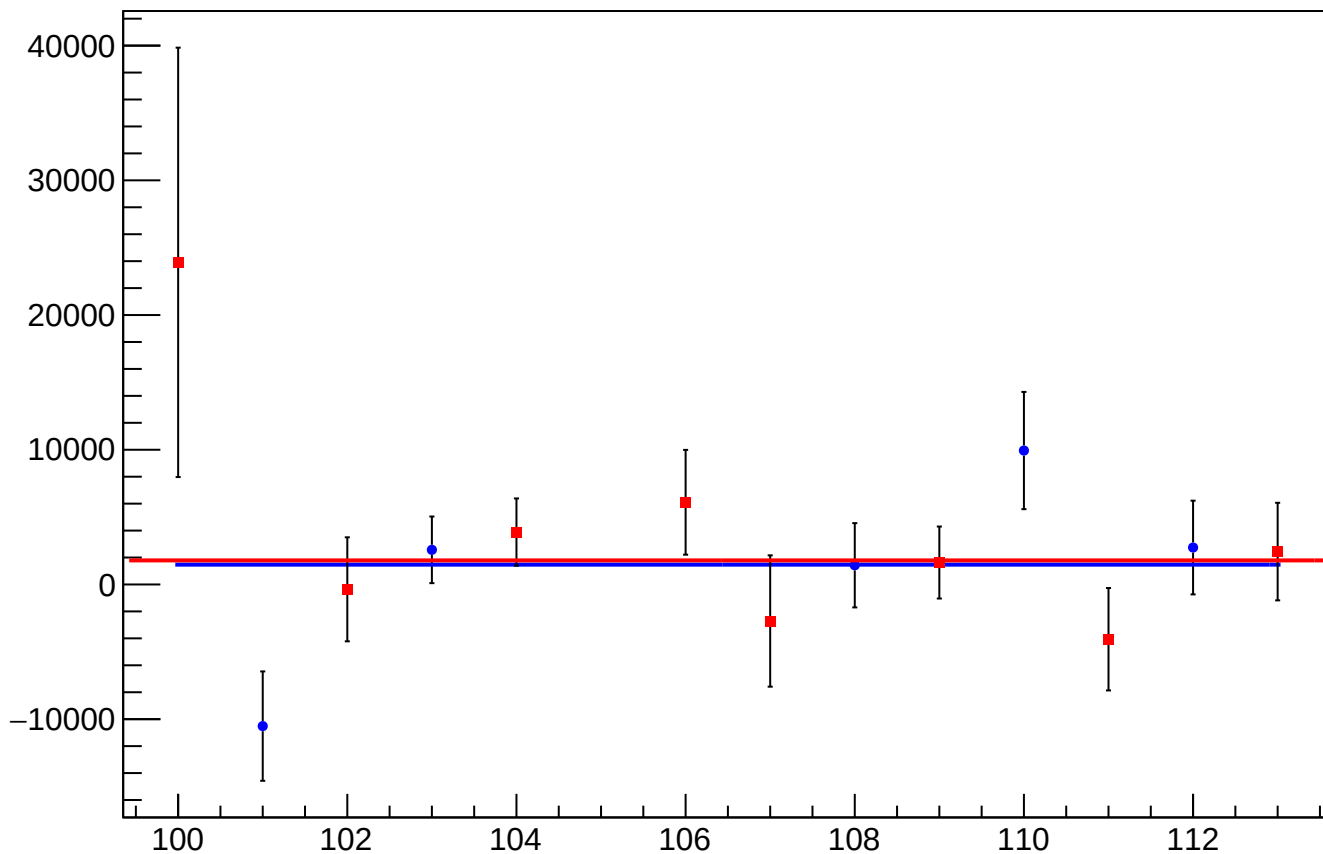
Right: 1305.180+/-0.404 χ^2/NDF : 864220.3/12

In: 1509.097+/-0.686 χ^2/NDF : 193638.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1305.180+/-0.404 χ^2/NDF : 864220.3/12

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: 1786.247+/-1264.508 χ^2/NDF : 7.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

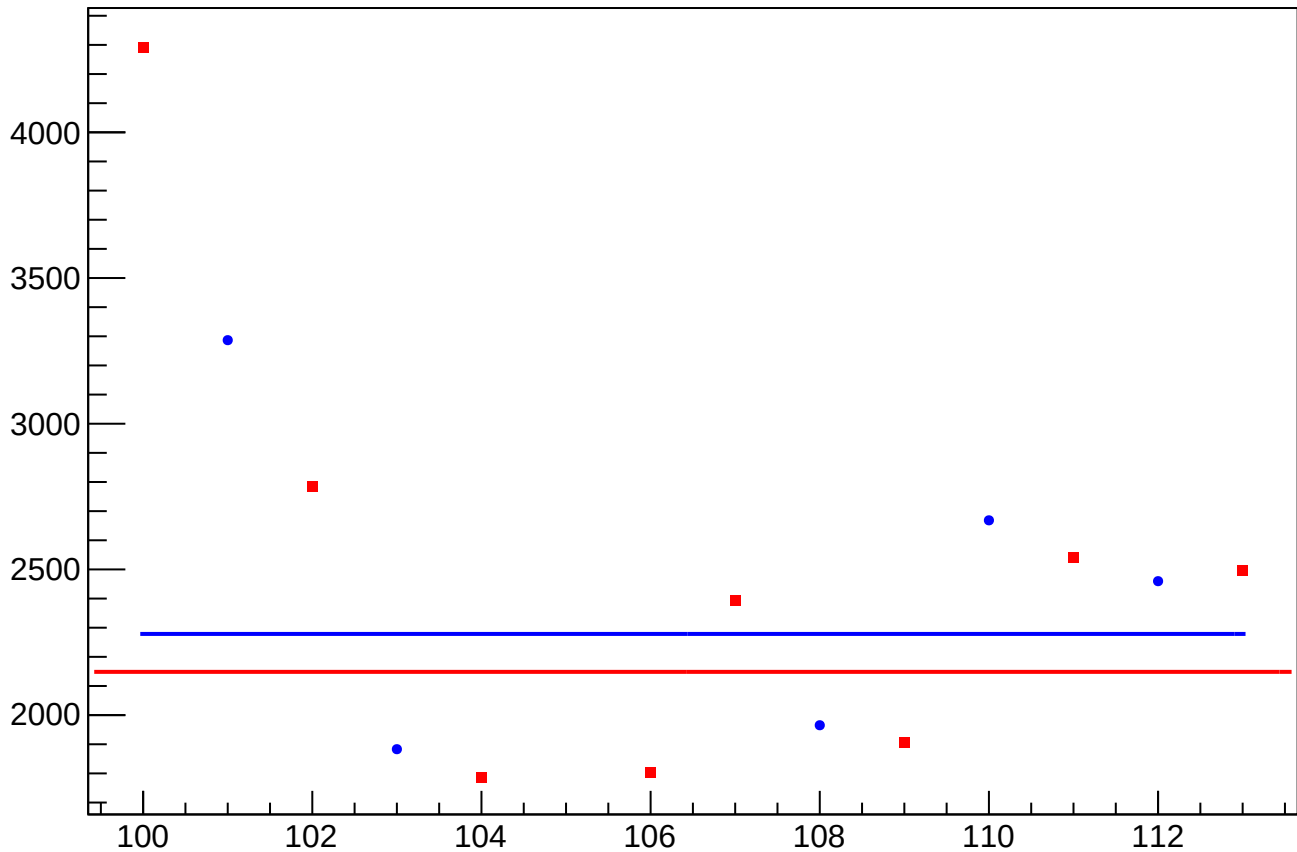
Right: 1652.663+/-959.038 χ^2/NDF : 20.3/12

In: 1471.775+/-1471.464 χ^2/NDF : 12.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1652.663+/-959.038 χ^2/NDF : 20.3/12

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: 2148.478+/-0.894 χ^2/NDF : 209357.5/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

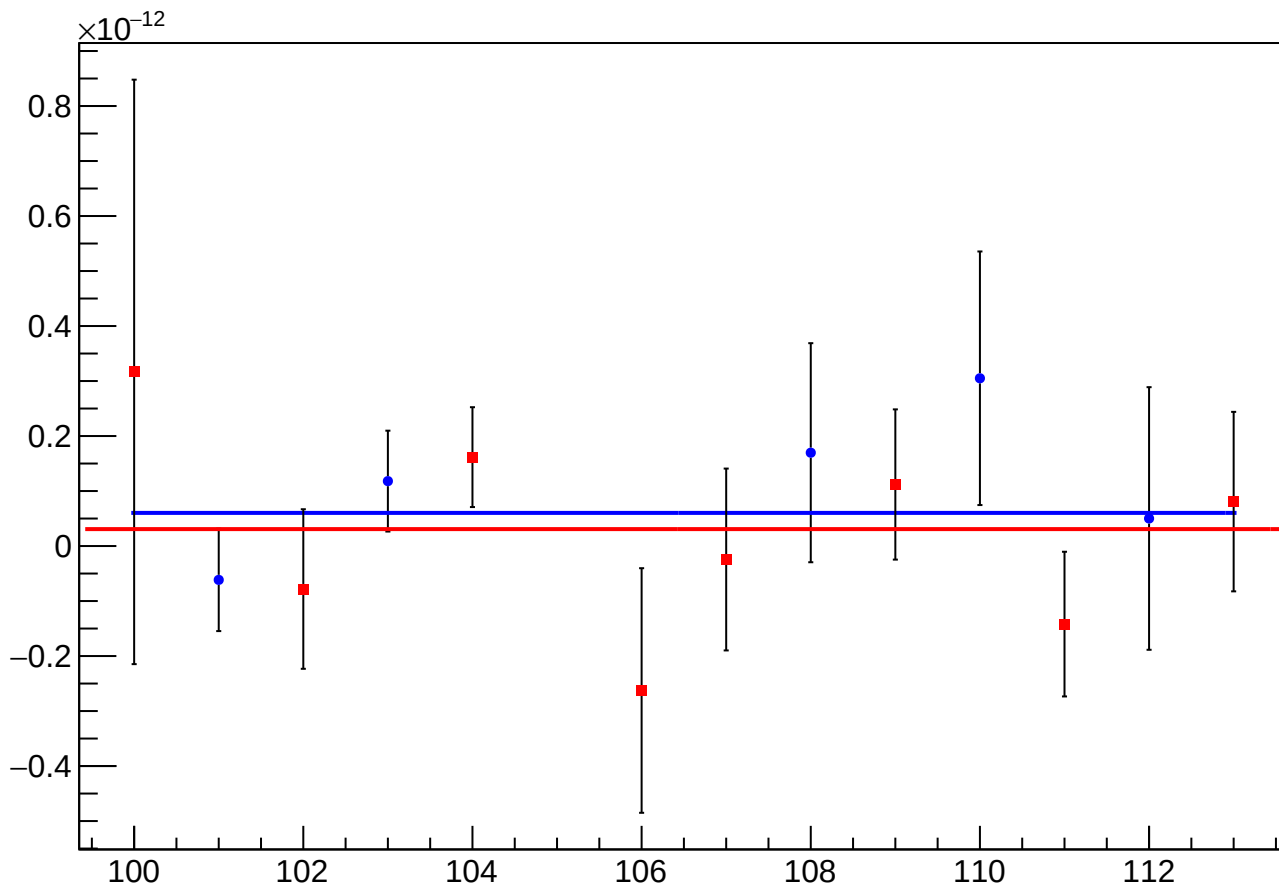
Right: 2203.771+/-0.678 χ^2/NDF : 434366.9/12

In: 2278.645+/-1.040 χ^2/NDF : 216006.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2203.771+/-0.678 χ^2/NDF : 434366.9/12

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 : 7.0/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

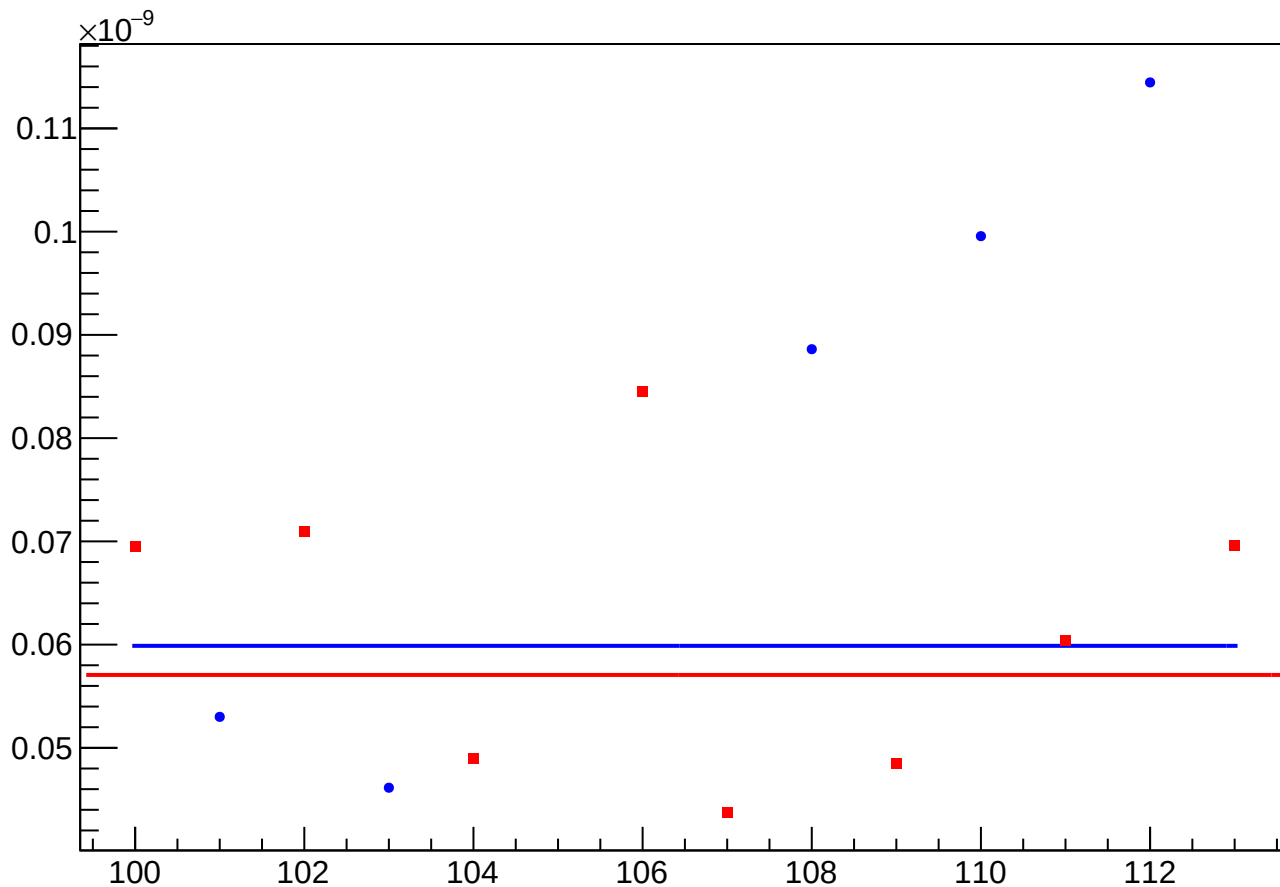
Right: 0.000+/-0.000 χ^2/NDF : 10.6/12

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 : 10.6/12

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 : 99770.1/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

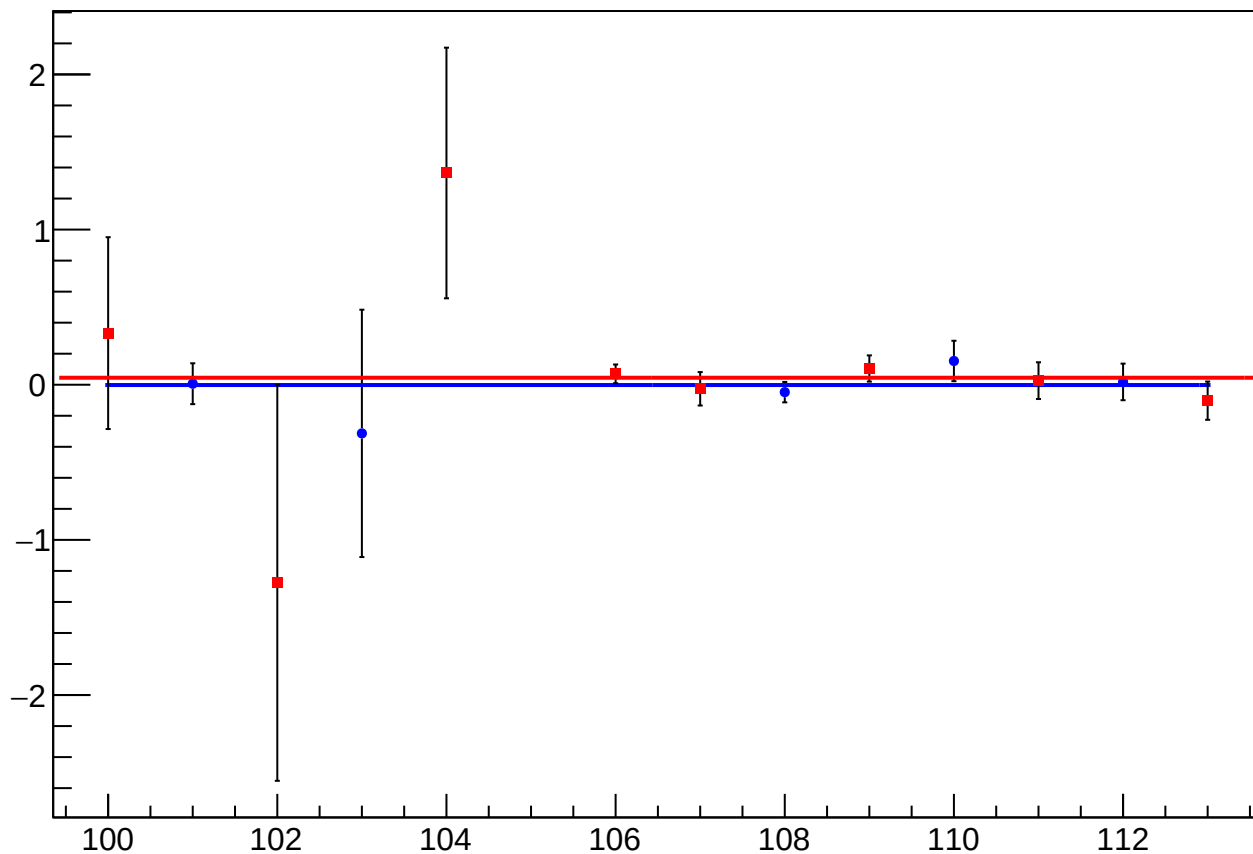
Right: 0.000+/-0.000 χ^2/NDF : 363670.4/12

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 : 363670.4/12

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: 0.045 ± 0.039 χ^2/NDF : 6.5/7

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

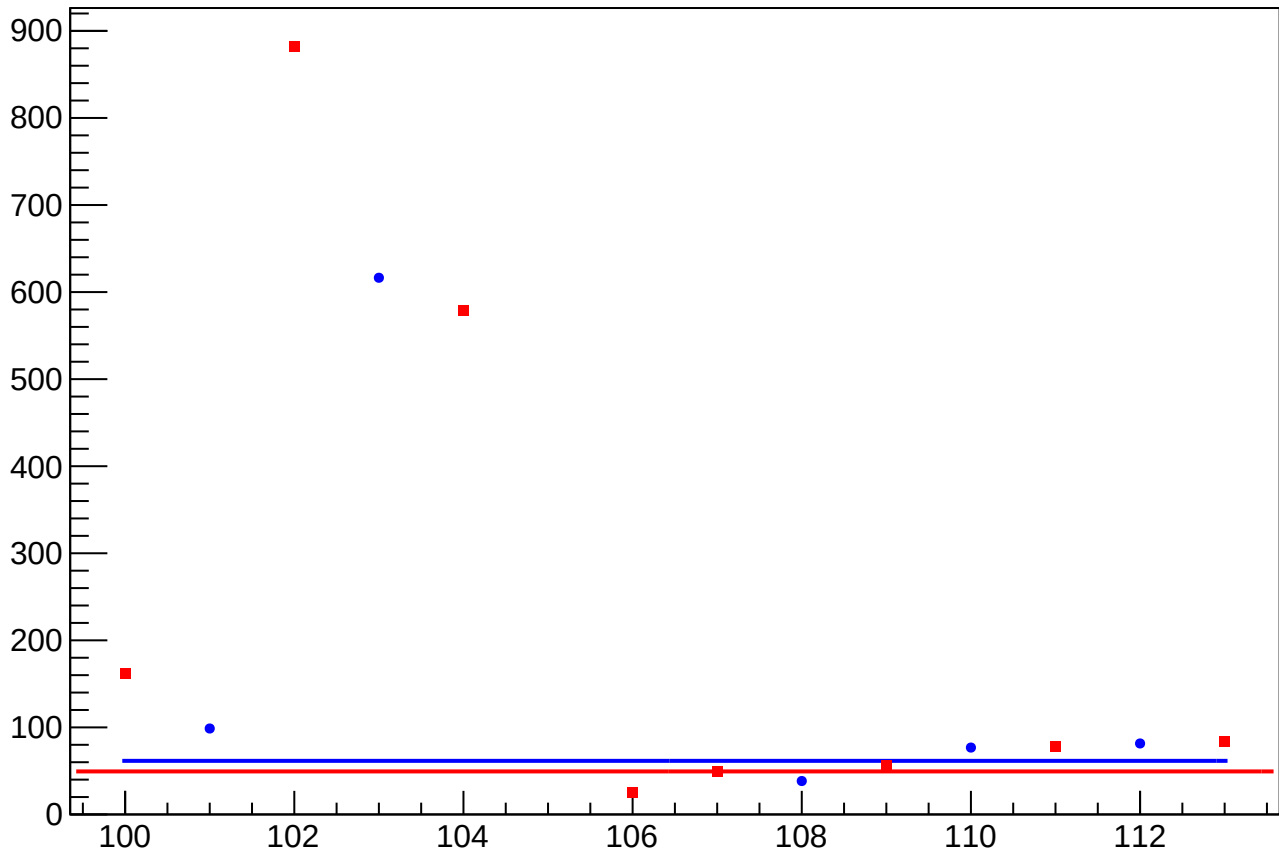
Right: 0.027 ± 0.031 χ^2/NDF : 9.2/12

In: -0.002 ± 0.049 χ^2/NDF : 2.1/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.027 ± 0.031 χ^2/NDF : 9.2/12

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: 49.423+/-0.028 χ^2/NDF : 2385072.9/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

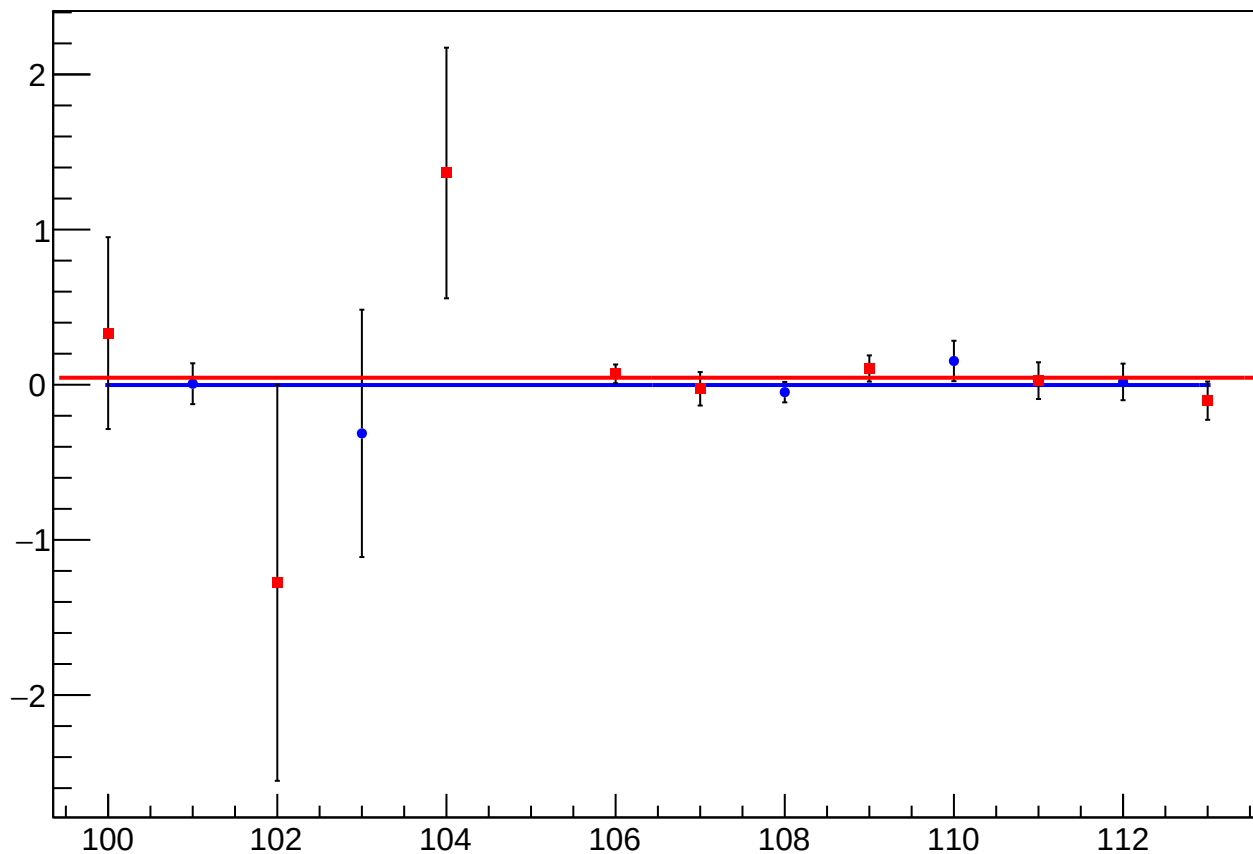
Right: 54.228+/-0.022 χ^2/NDF : 3920865.3/12

In: 61.570+/-0.034 χ^2/NDF : 1460724.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.228+/-0.022 χ^2/NDF : 3920865.3/12

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: 0.045 ± 0.039 χ^2/NDF : 6.5/7

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

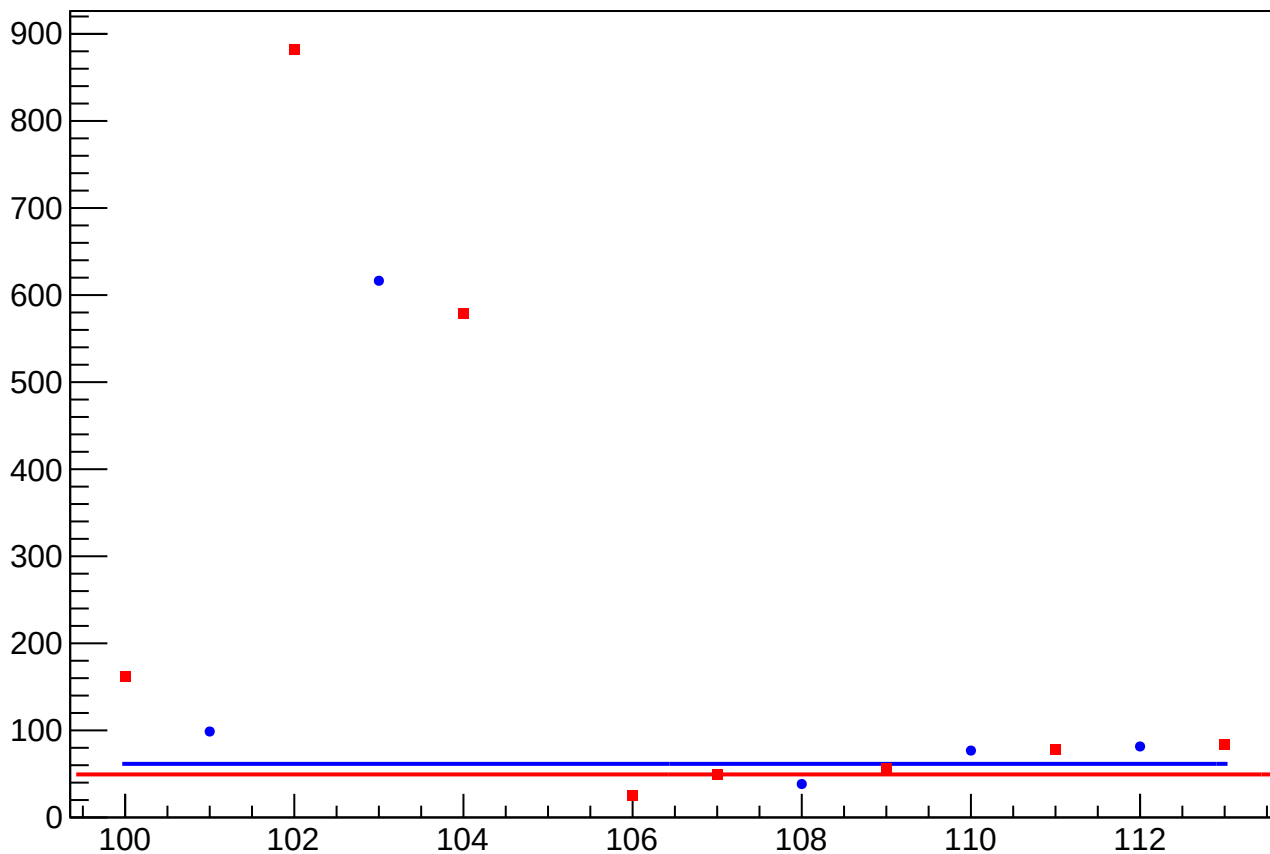
Right: 0.027 ± 0.031 χ^2/NDF : 9.2/12

In: -0.002 ± 0.049 χ^2/NDF : 2.1/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.027 ± 0.031 χ^2/NDF : 9.2/12

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: 49.423+/-0.028 χ^2/NDF : 2385072.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

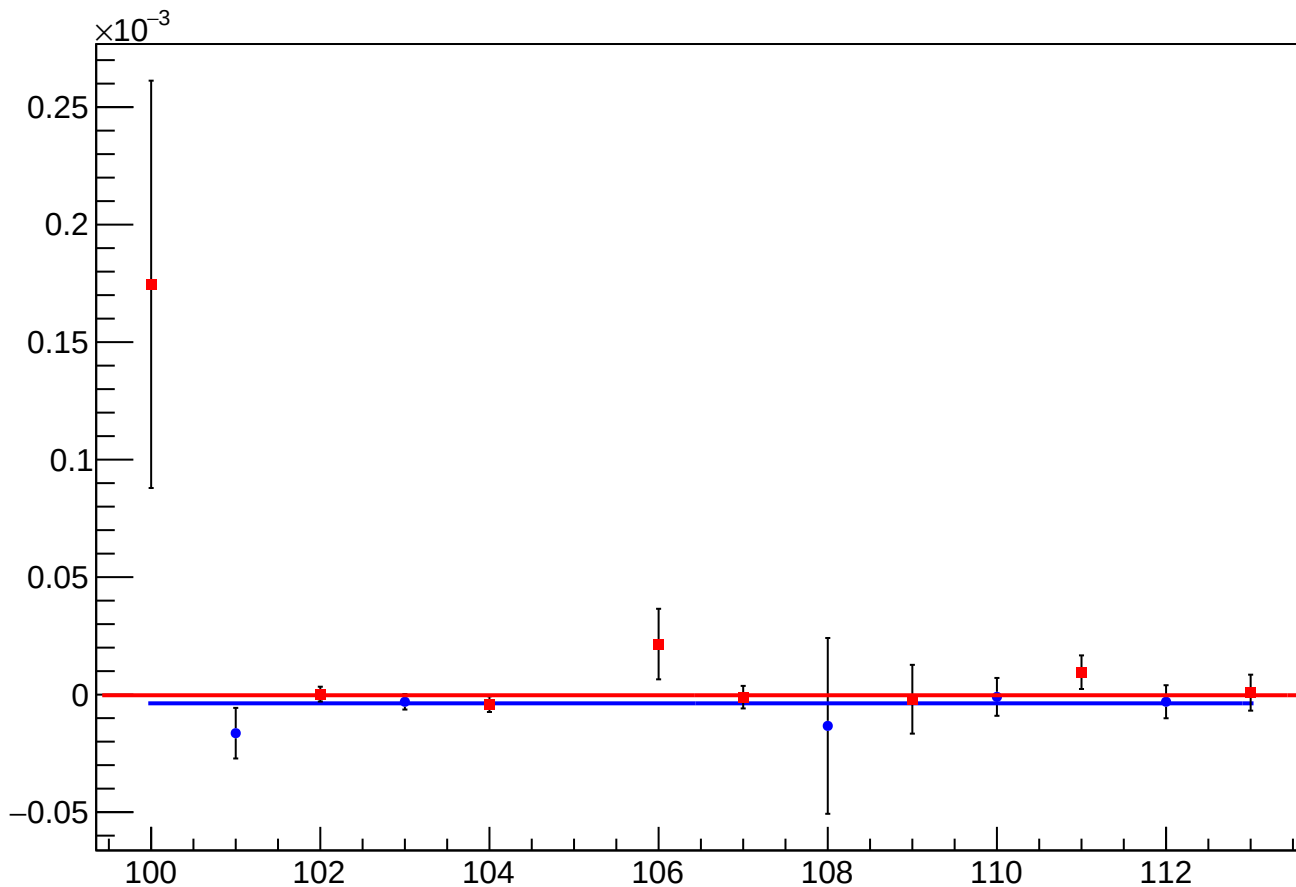
Right: 54.228+/-0.022 χ^2/NDF : 3920865.3/12

In: 61.570+/-0.034 χ^2/NDF :1460724.2/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 54.228+/-0.022 χ^2/NDF : 3920865.3/12

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 : 9.4/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

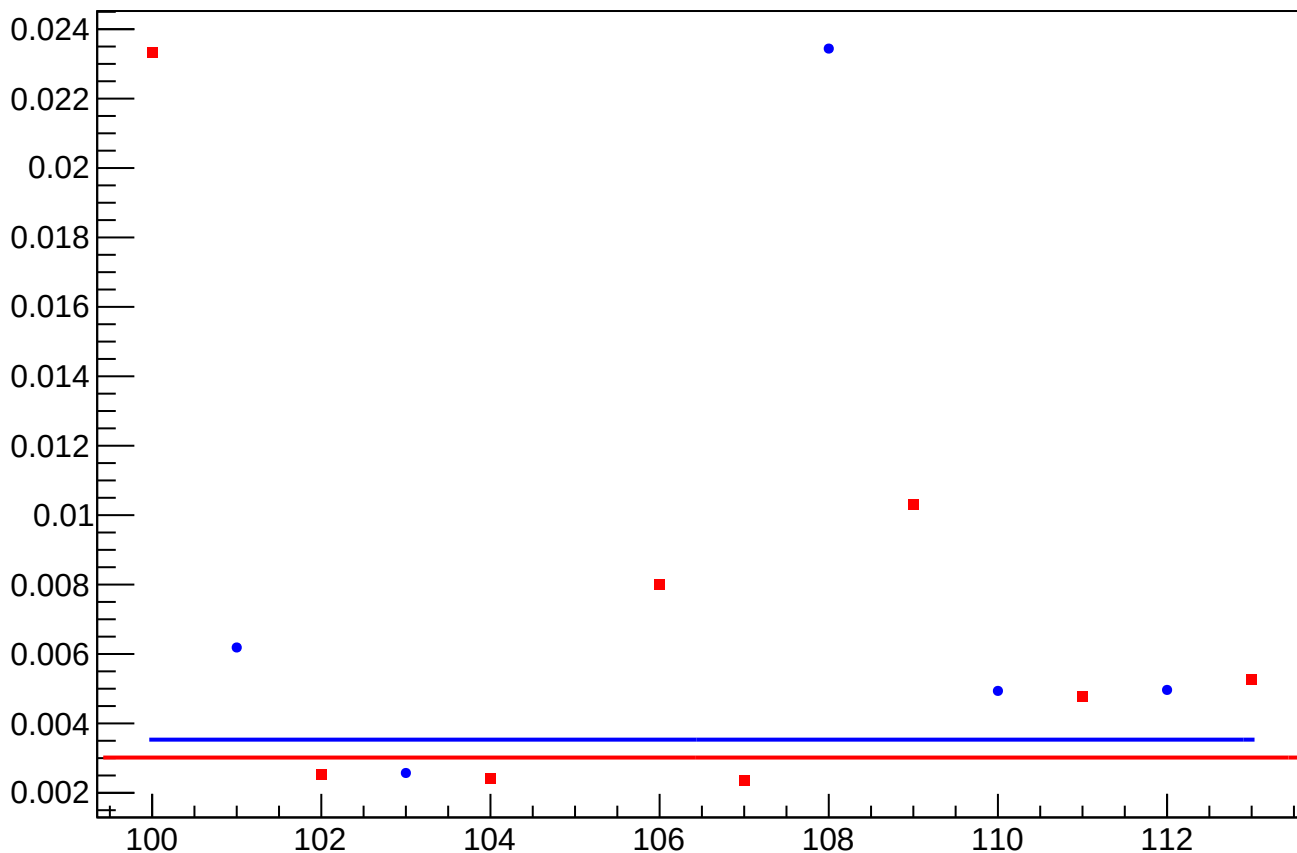
Right: -0.000+/-0.000 χ^2/NDF : 12.1/12

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 : 12.1/12

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 : 1272539.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

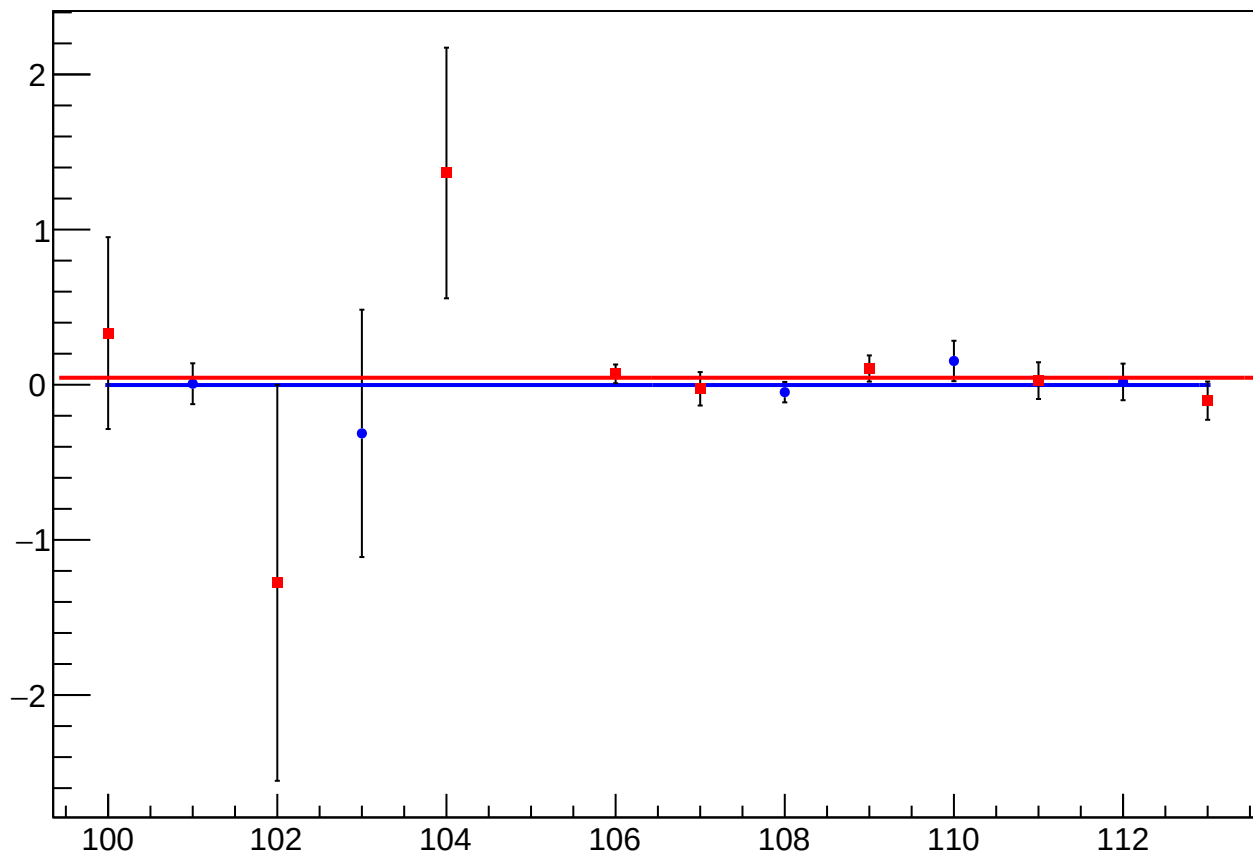
Right: 0.003+/-0.000 χ^2/NDF : 2321965.7/12

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 : 2321965.7/12

asym_at2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.049 χ^2 /NDF: 2.1/4

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

Right Out: 0.045 $\pm$ 0.039 χ^2 /NDF: 6.5/7

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

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

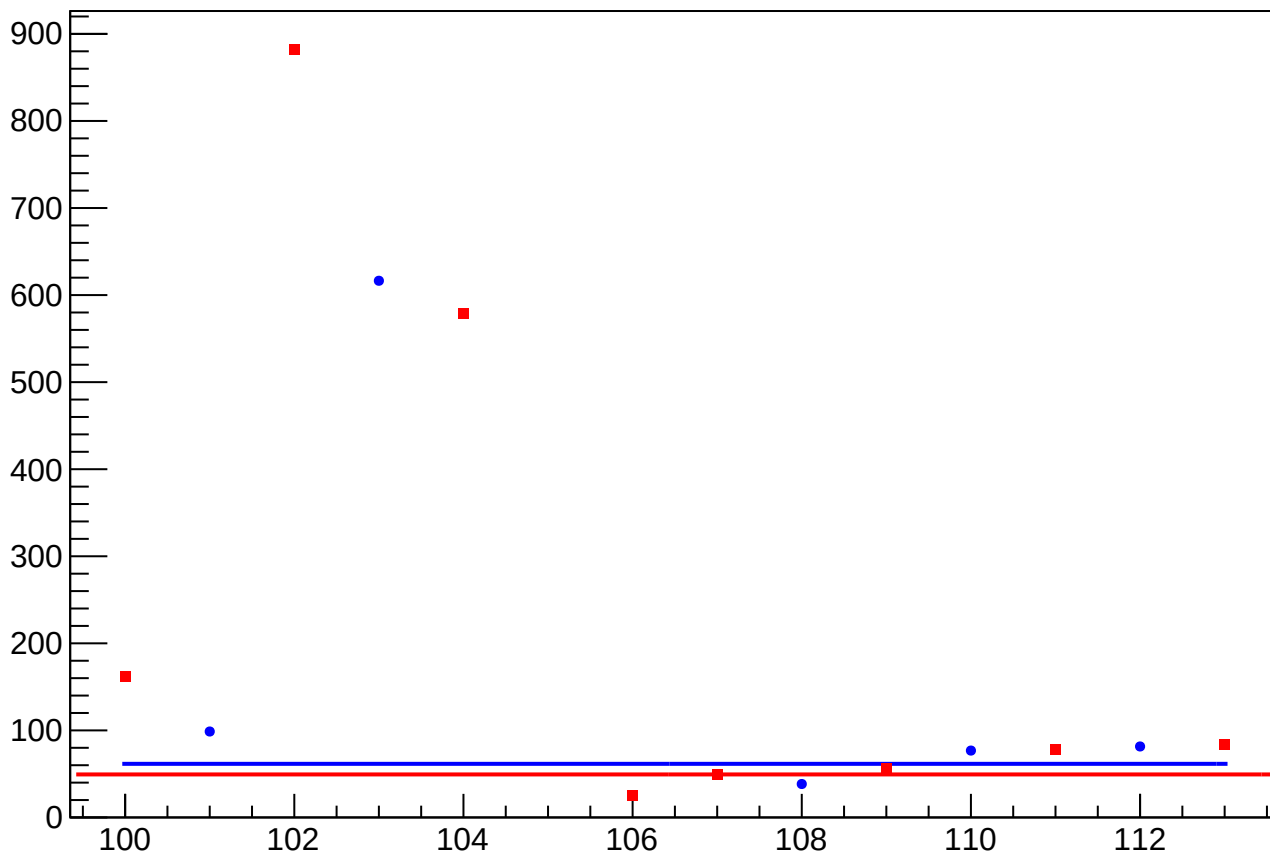
Right: 0.026 $\pm$ 0.031 χ^2 /NDF: 9.2/12

In: -0.002 $\pm$ 0.049 χ^2 /NDF:2.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.026 $\pm$ 0.031 χ^2 /NDF: 9.2/12

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: 49.414+/-0.028 χ^2/NDF : 2385466.6/7

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

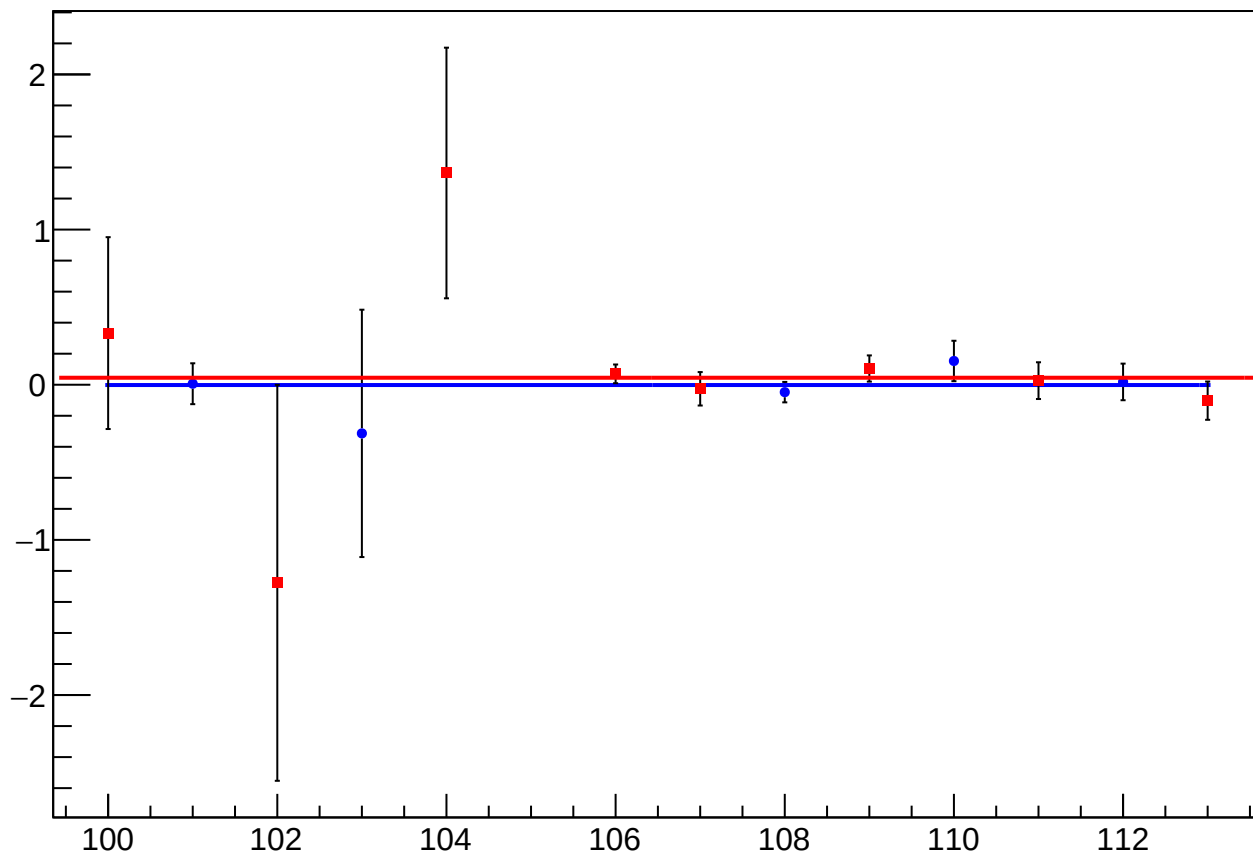
Right: 54.229+/-0.022 χ^2/NDF : 3921046.0/12

In: 61.591+/-0.034 χ^2/NDF : 1460154.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.229+/-0.022 χ^2/NDF : 3921046.0/12

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.049 χ^2 /NDF: 2.1/4

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

Right Out: 0.045 $\pm$ 0.039 χ^2 /NDF: 6.5/7

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

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

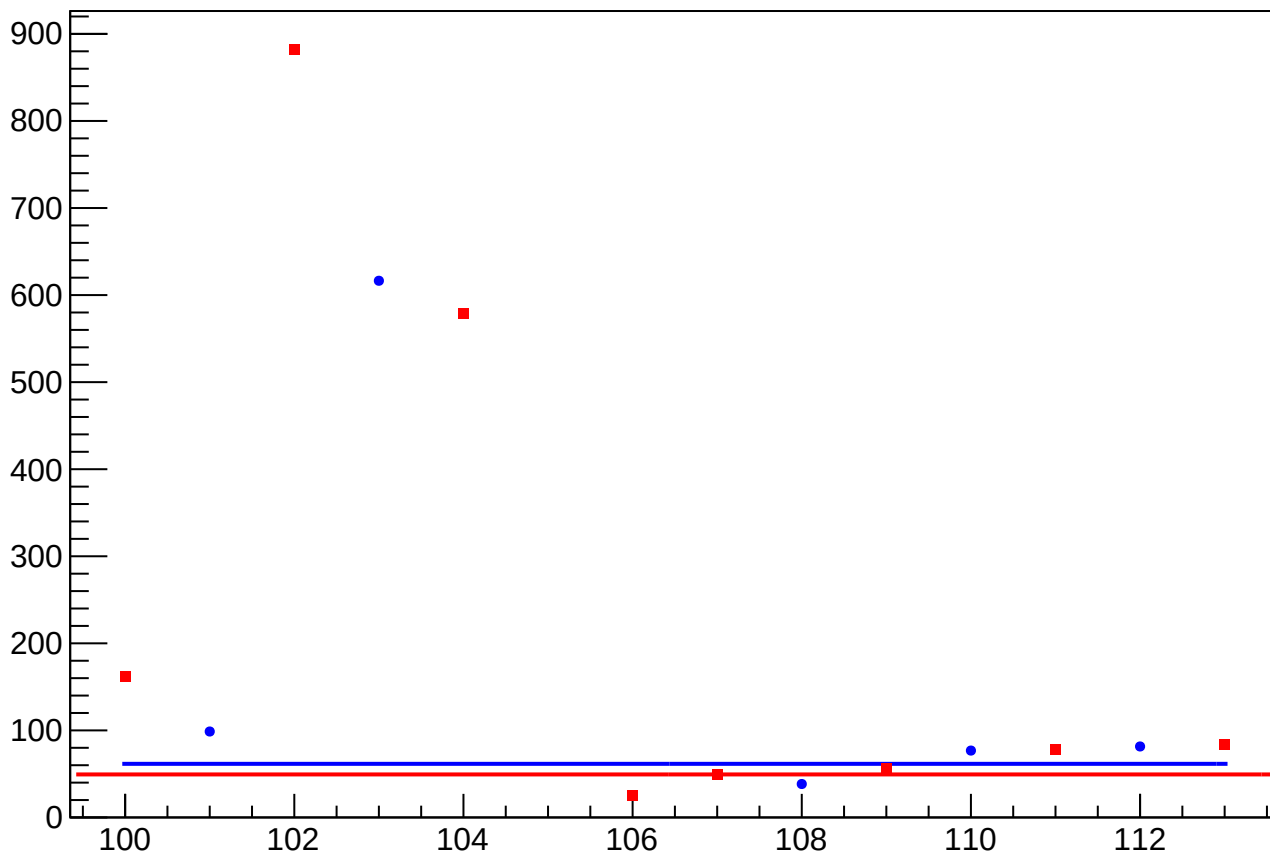
Right: 0.026 $\pm$ 0.031 χ^2 /NDF: 9.2/12

In: -0.002 $\pm$ 0.049 χ^2 /NDF:2.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.026 $\pm$ 0.031 χ^2 /NDF: 9.2/12

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: 49.414+/-0.028 χ^2/NDF : 2385466.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

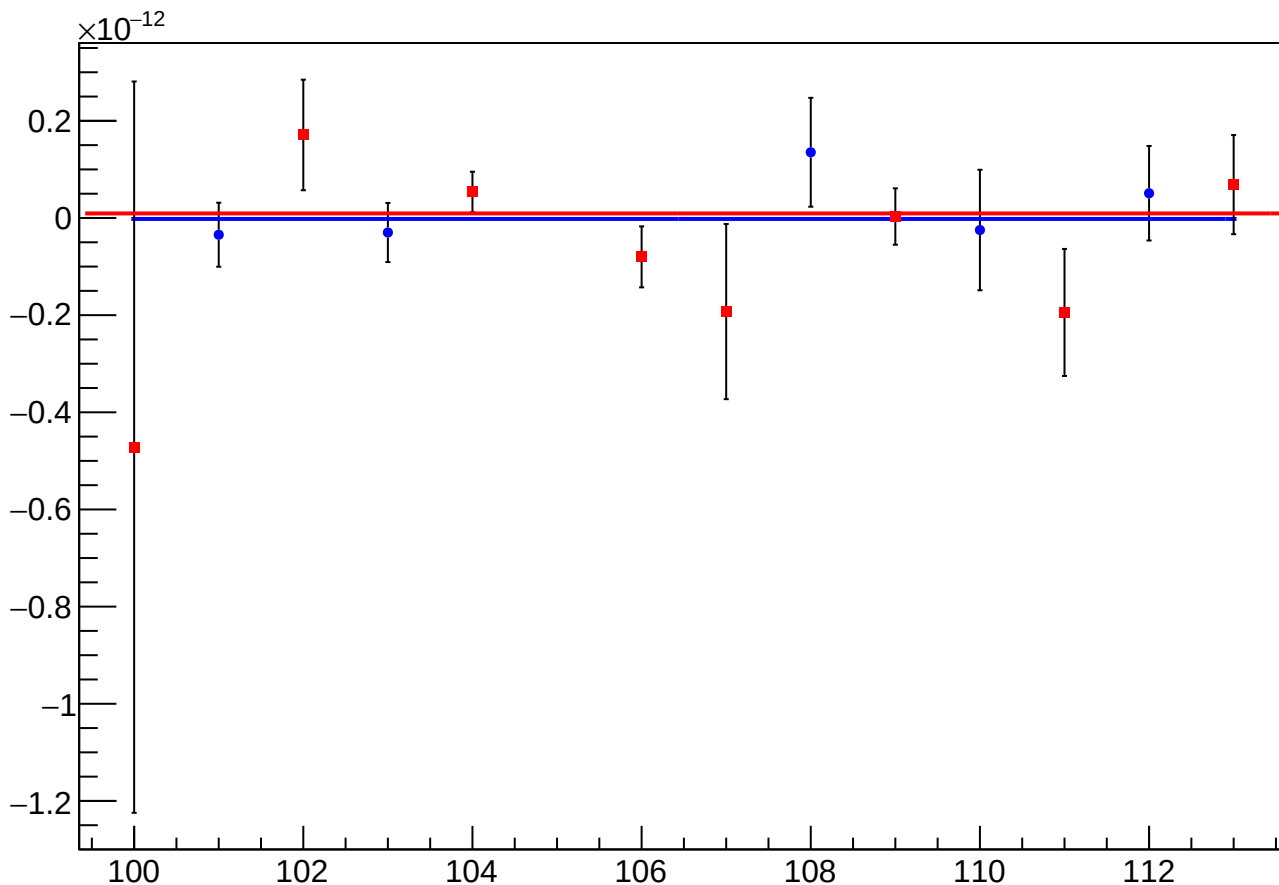
Right: 54.229+/-0.022 χ^2/NDF : 3921046.0/12

In: 61.591+/-0.034 χ^2/NDF : 1460154.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.229+/-0.022 χ^2/NDF : 3921046.0/12

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 : 9.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

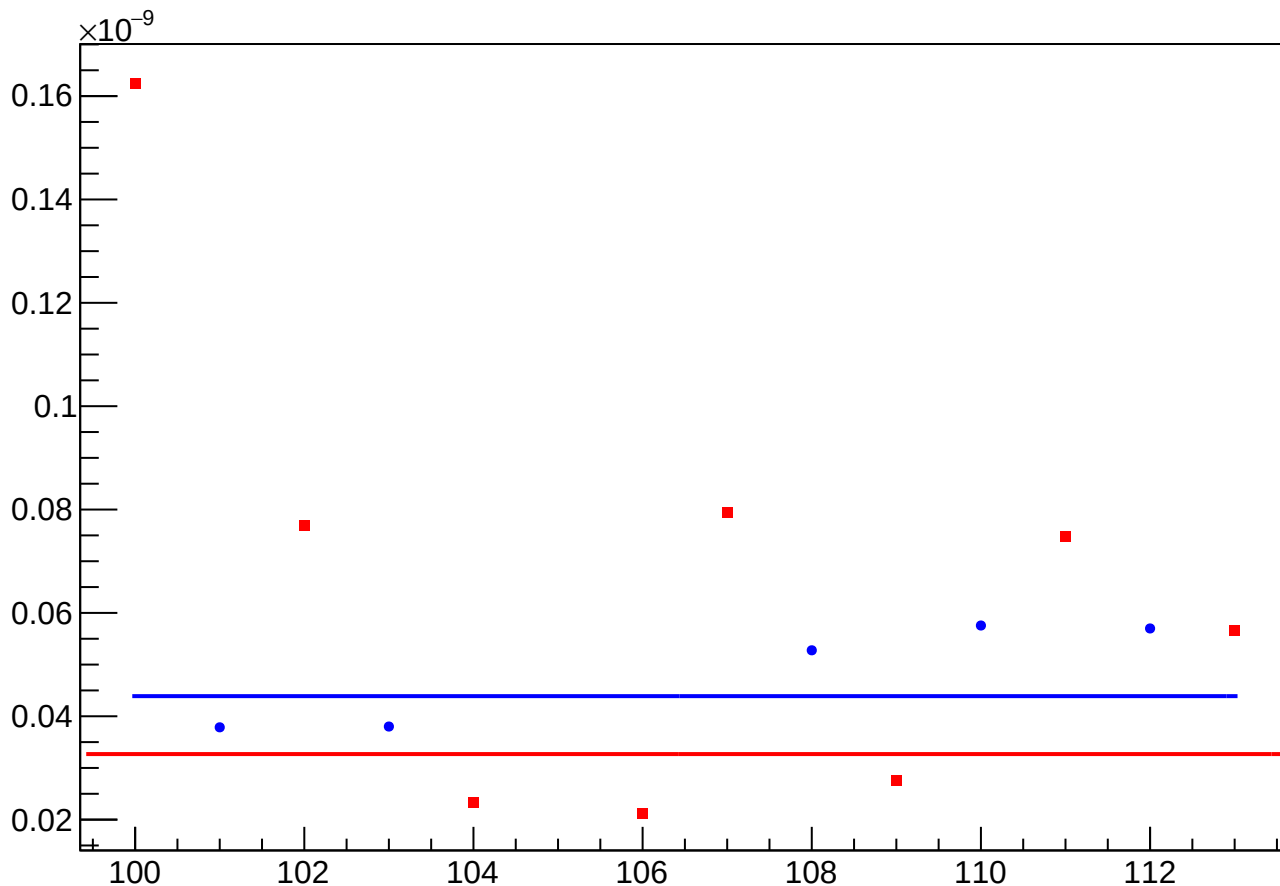
Right: 0.000+/-0.000 χ^2/NDF : 12.0/12

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 : 12.0/12

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 : 998039.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

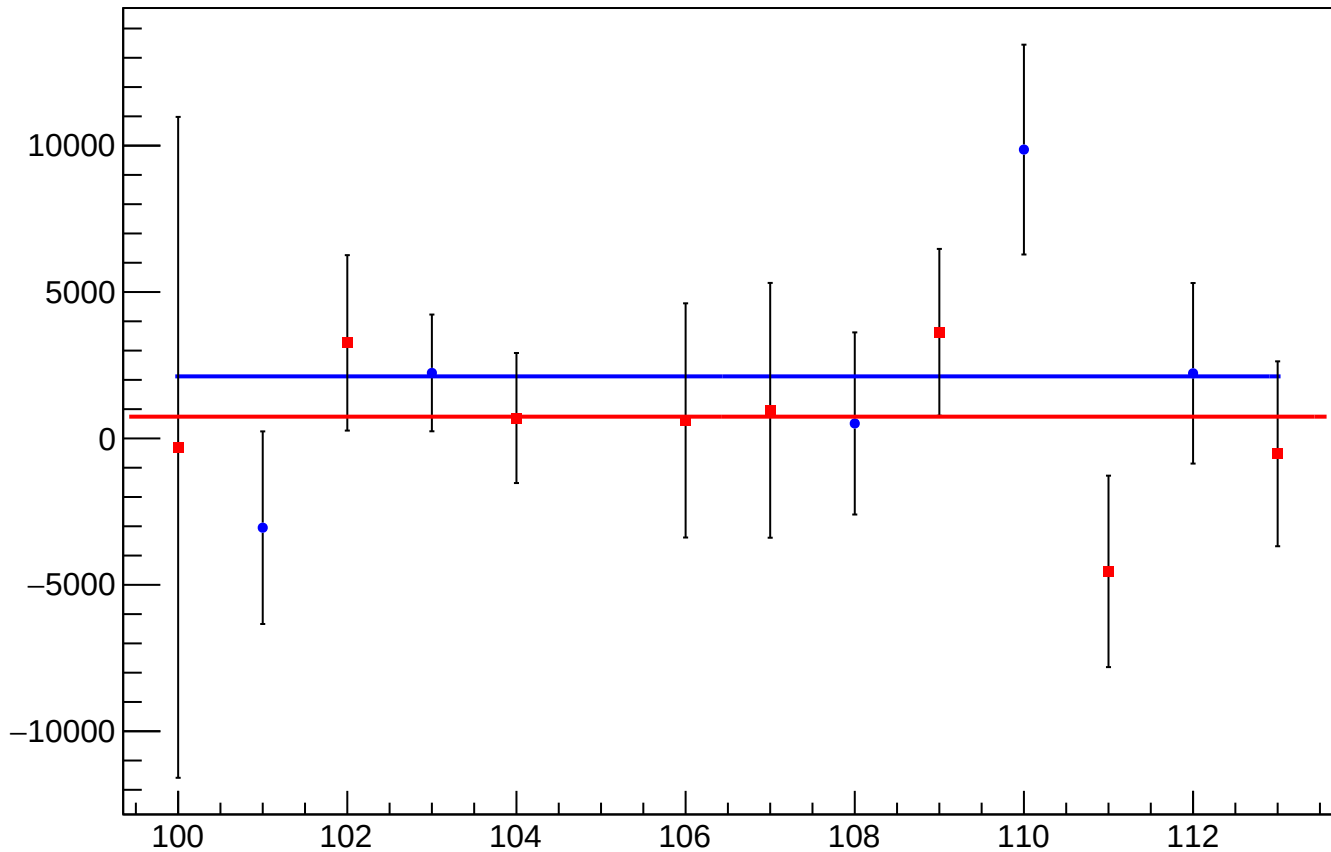
Right: 0.000+/-0.000 χ^2/NDF : 1229067.2/12

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 : 1229067.2/12

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: 743.603+/-1151.297 χ^2/NDF : 4.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

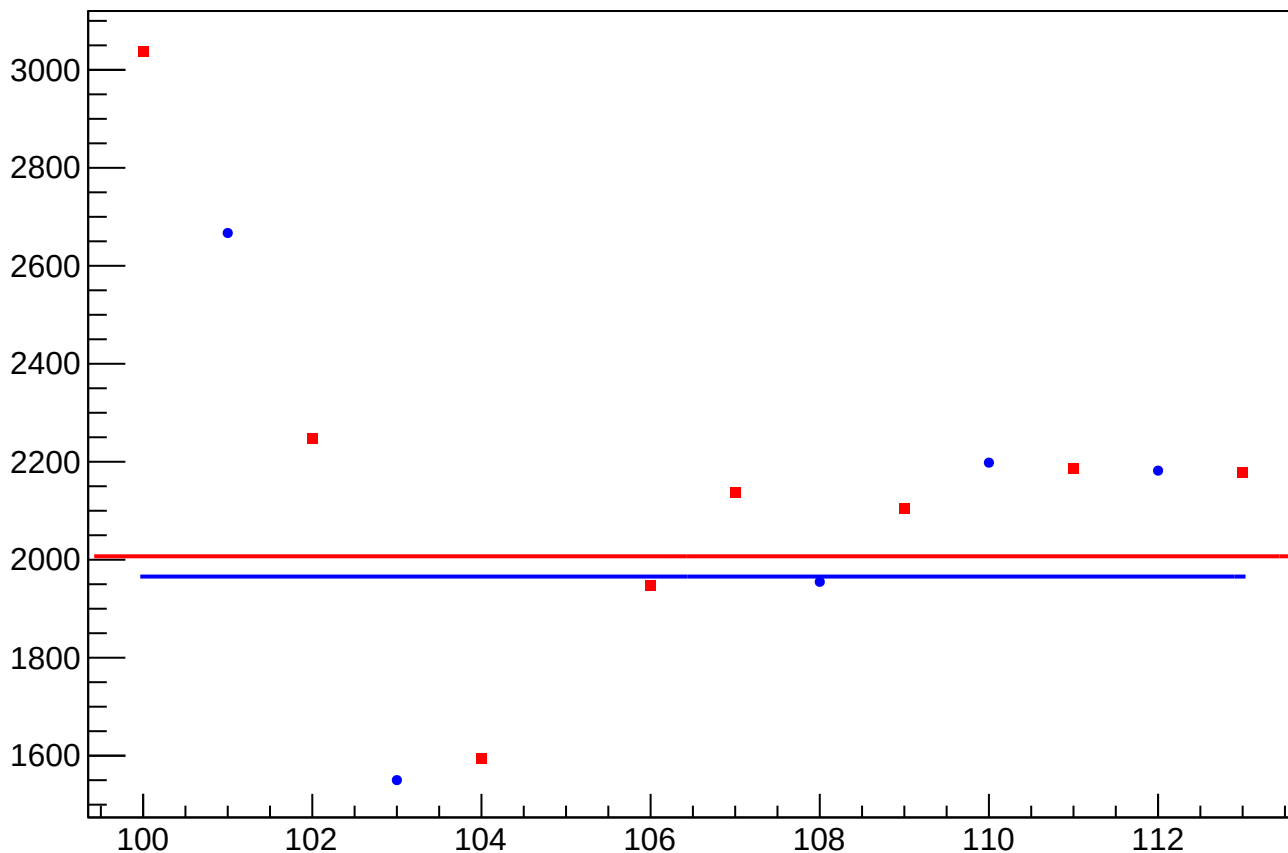
Right: 1370.160+/-849.715 χ^2/NDF : 12.6/12

In: 2119.797+/-1259.310 χ^2/NDF : 7.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1370.160+/-849.715 χ^2/NDF : 12.6/12

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: 2006.980+/-0.809 χ^2/NDF : 114809.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

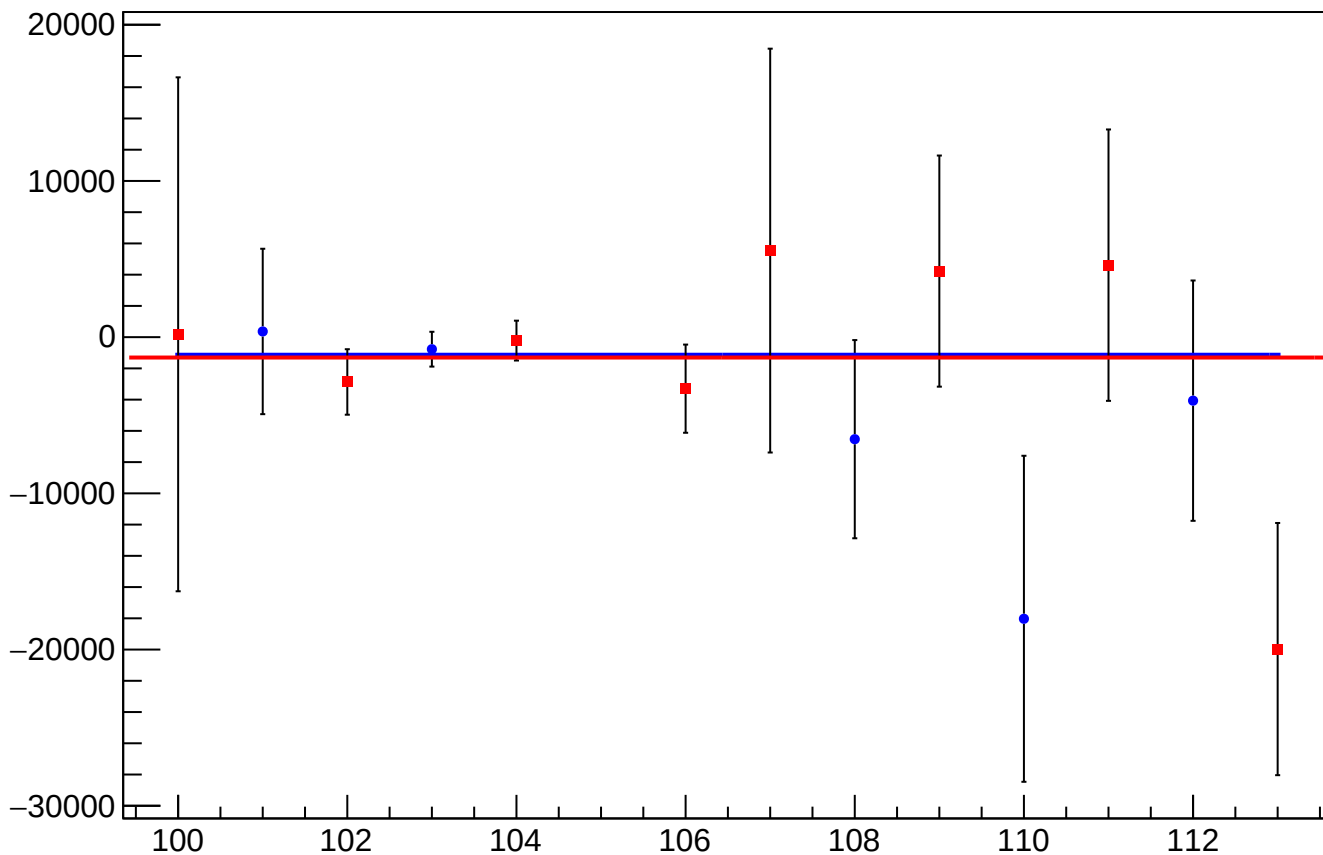
Right: 1988.300+/-0.599 χ^2/NDF : 312098.3/12

In: 1965.676+/-0.890 χ^2/NDF : 196110.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1988.300+/-0.599 χ^2/NDF : 312098.3/12

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: -1304.623+/-988.119 χ^2/NDF : 8.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

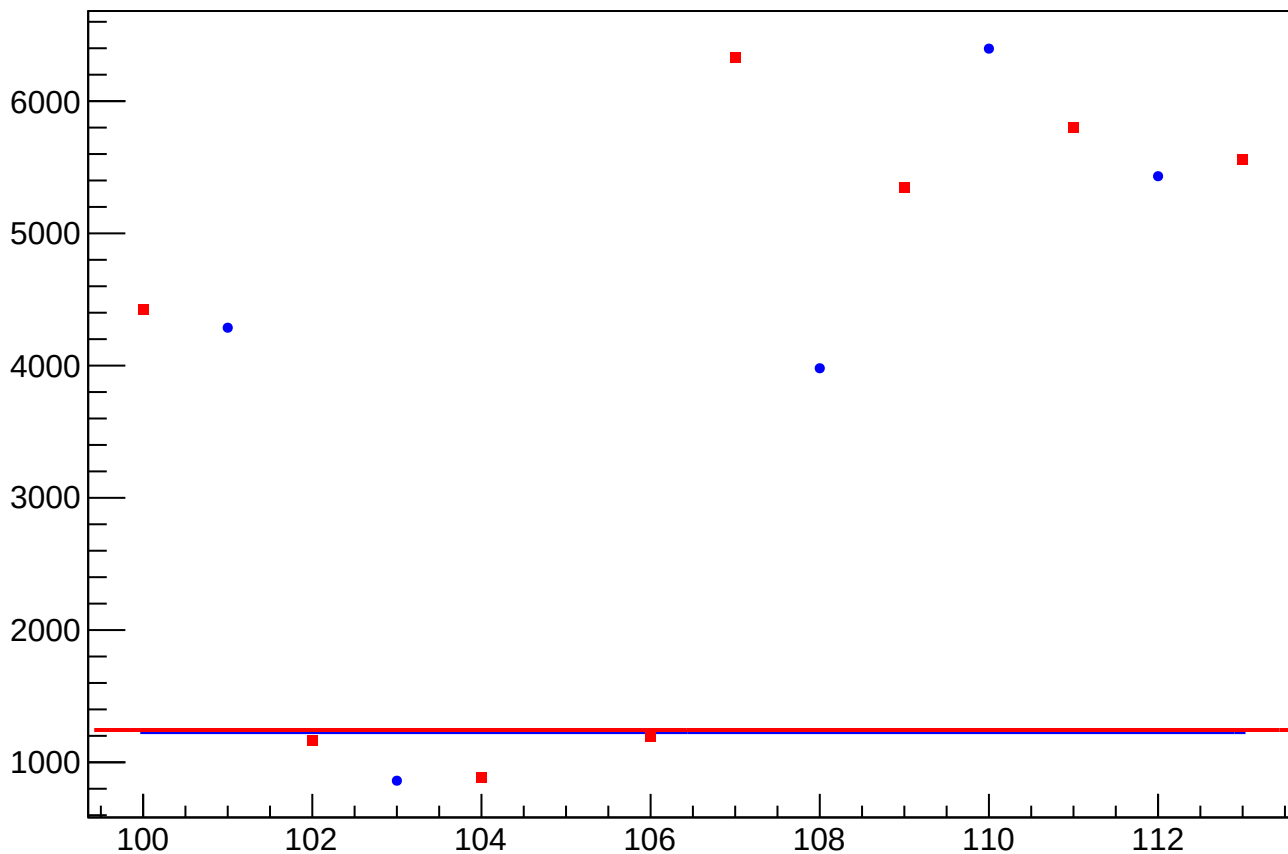
Right: -1221.364+/-722.435 χ^2/NDF : 12.1/12

In: -1125.748+/-1058.904 χ^2/NDF : 3.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1221.364+/-722.435 χ^2/NDF : 12.1/12

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: 1244.214+/-0.699 χ^2/NDF : 2284233.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

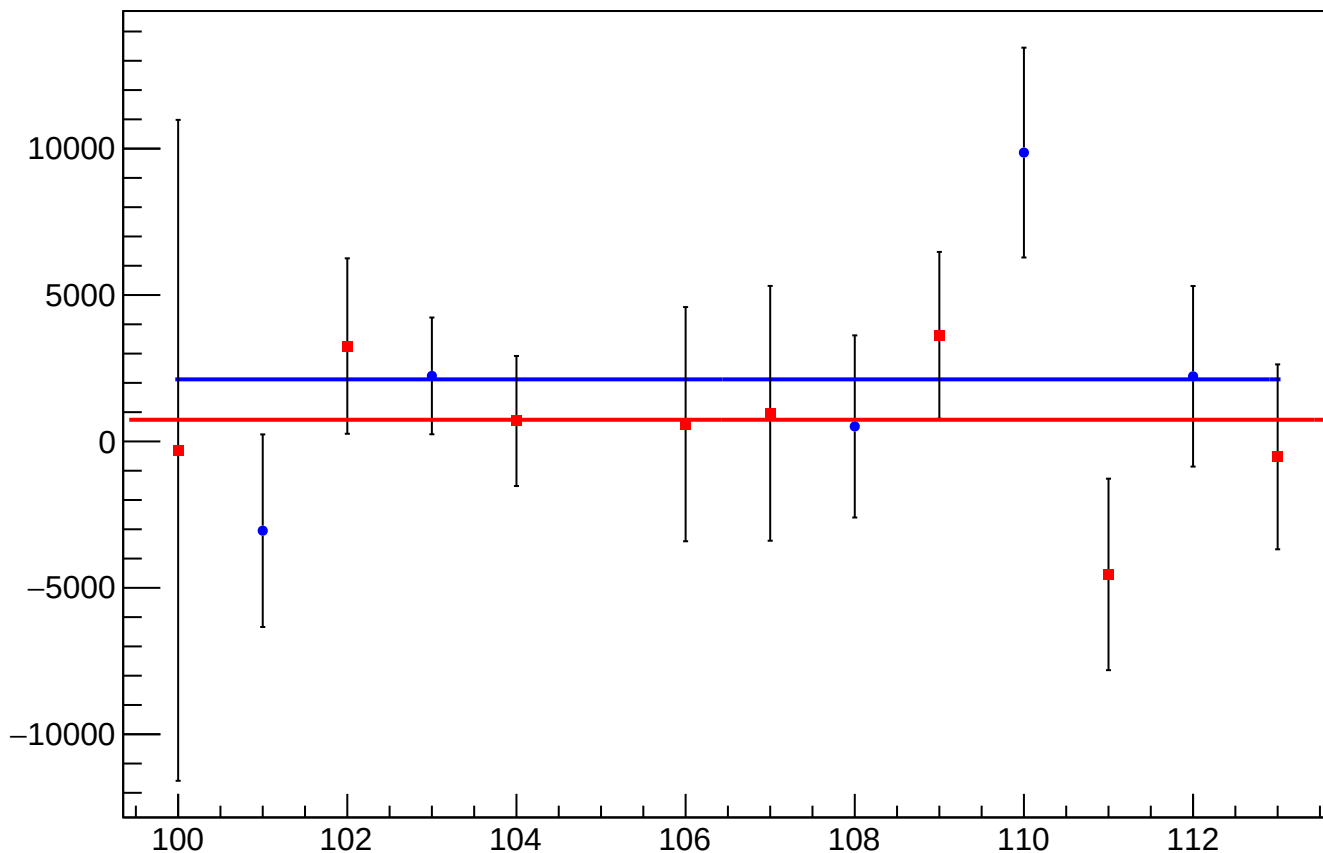
Right: 1236.863+/-0.511 χ^2/NDF : 4633422.3/12

In: 1228.420+/-0.749 χ^2/NDF : 2348951.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1236.863+/-0.511 χ^2/NDF : 4633422.3/12

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: 740.374+/-1151.301 χ^2/NDF : 4.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

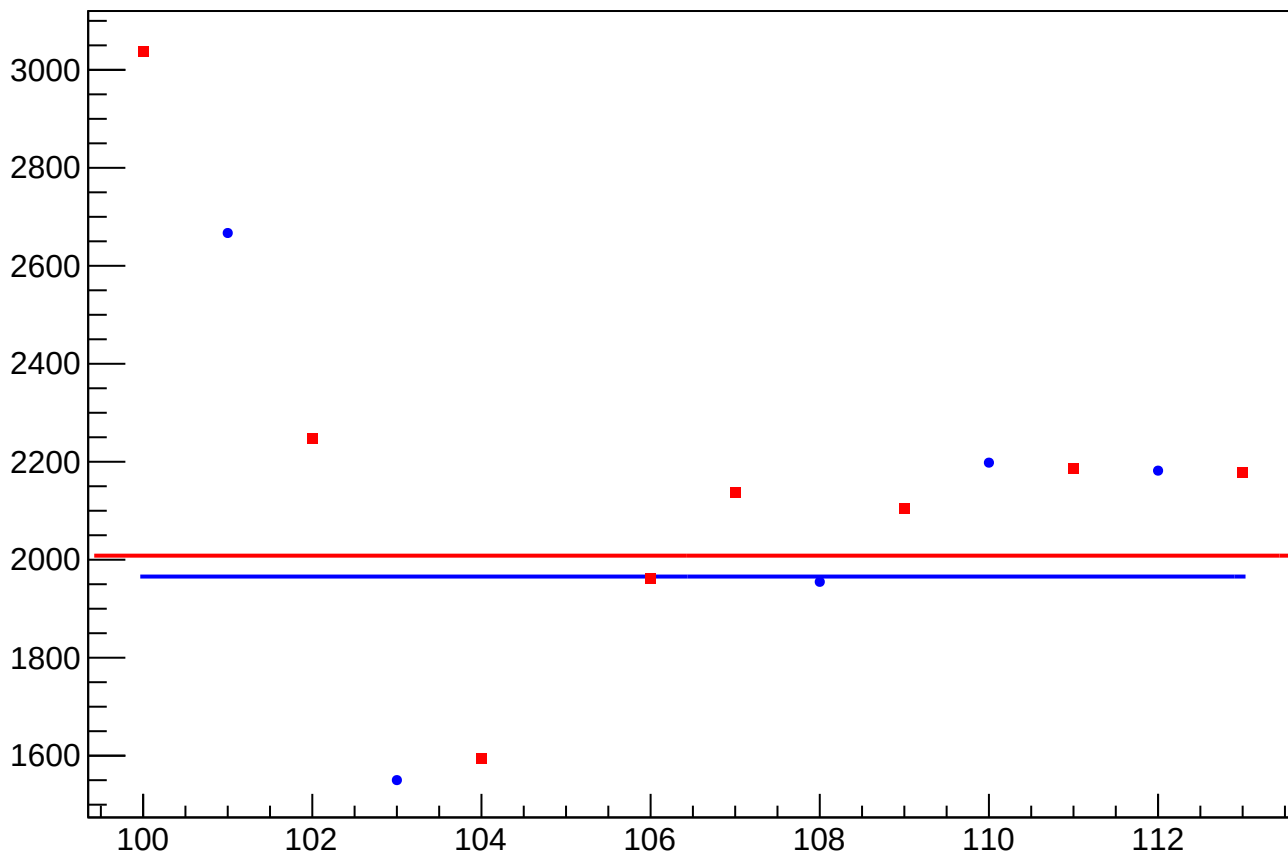
Right: 1368.517+/-849.716 χ^2/NDF : 12.6/12

In: 2120.046+/-1259.310 χ^2/NDF : 7.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1368.517+/-849.716 χ^2/NDF : 12.6/12

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: 2008.324+/-0.810 χ^2/NDF : 114599.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

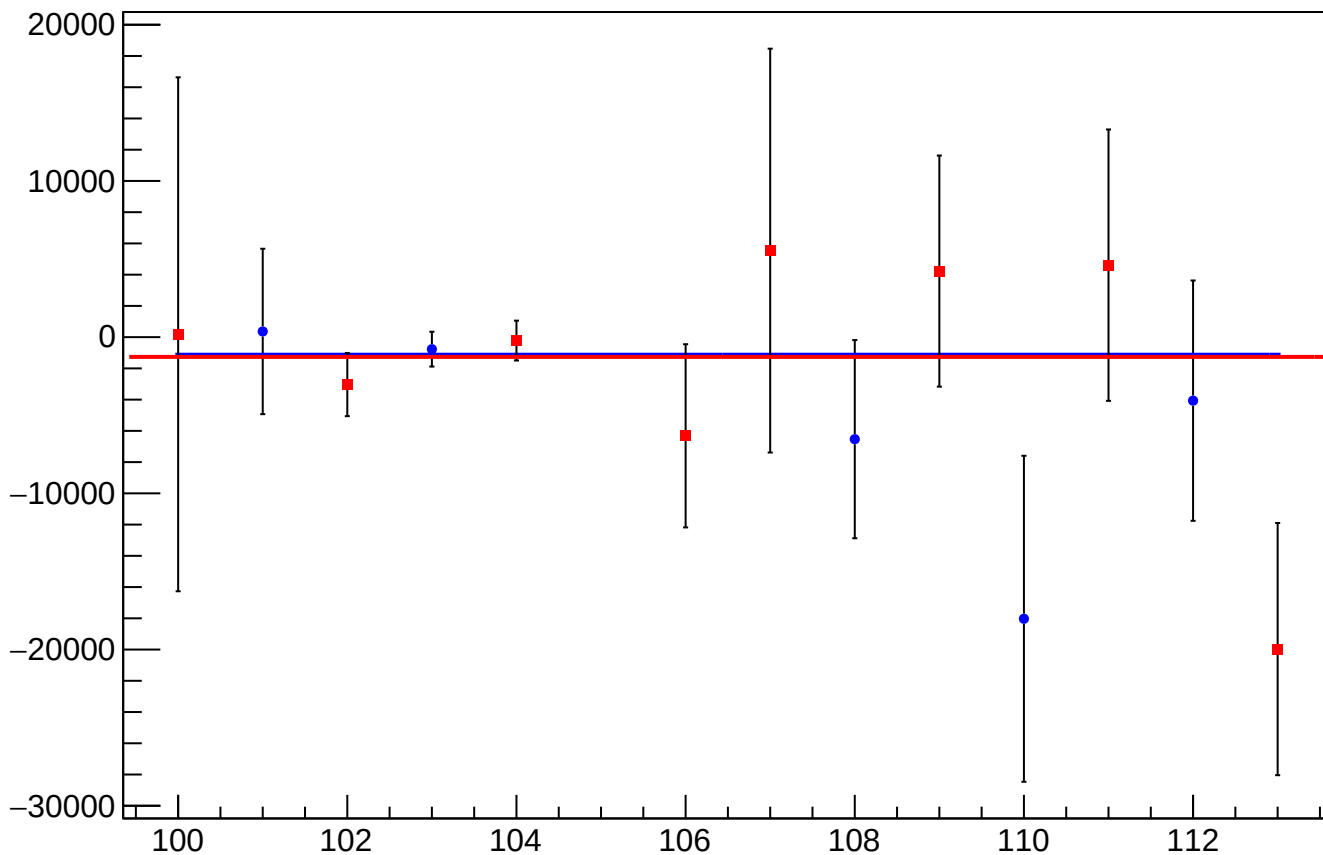
Right: 1989.024+/-0.599 χ^2/NDF : 311965.2/12

In: 1965.676+/-0.890 χ^2/NDF : 196109.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1989.024+/-0.599 χ^2/NDF : 311965.2/12

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: -1264.387+/-1028.941 χ^2/NDF : 8.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

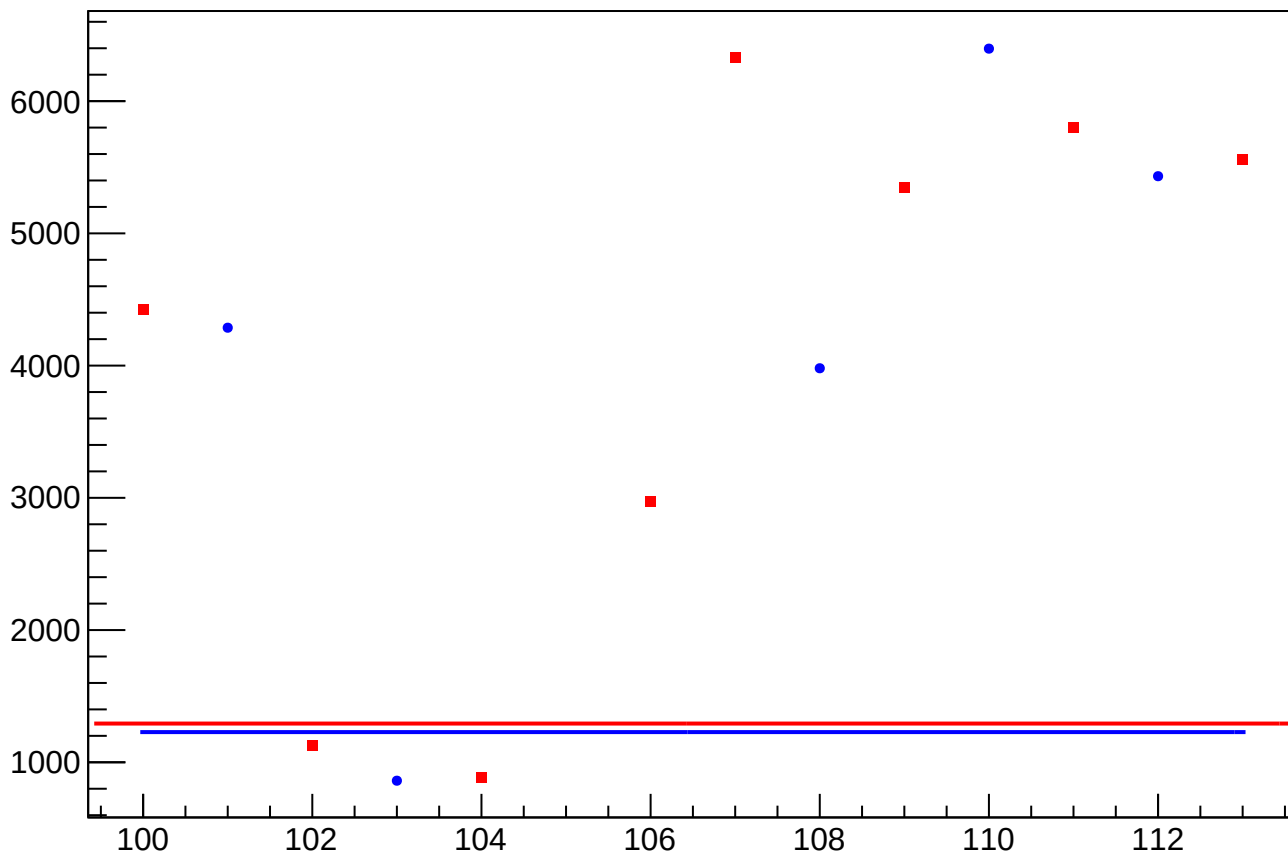
Right: -1196.753+/-737.913 χ^2/NDF : 12.5/12

In: -1125.133+/-1058.834 χ^2/NDF : 3.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1196.753+/-737.913 χ^2/NDF : 12.5/12

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: 1292.933+/-0.728 χ^2/NDF : 2455739.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

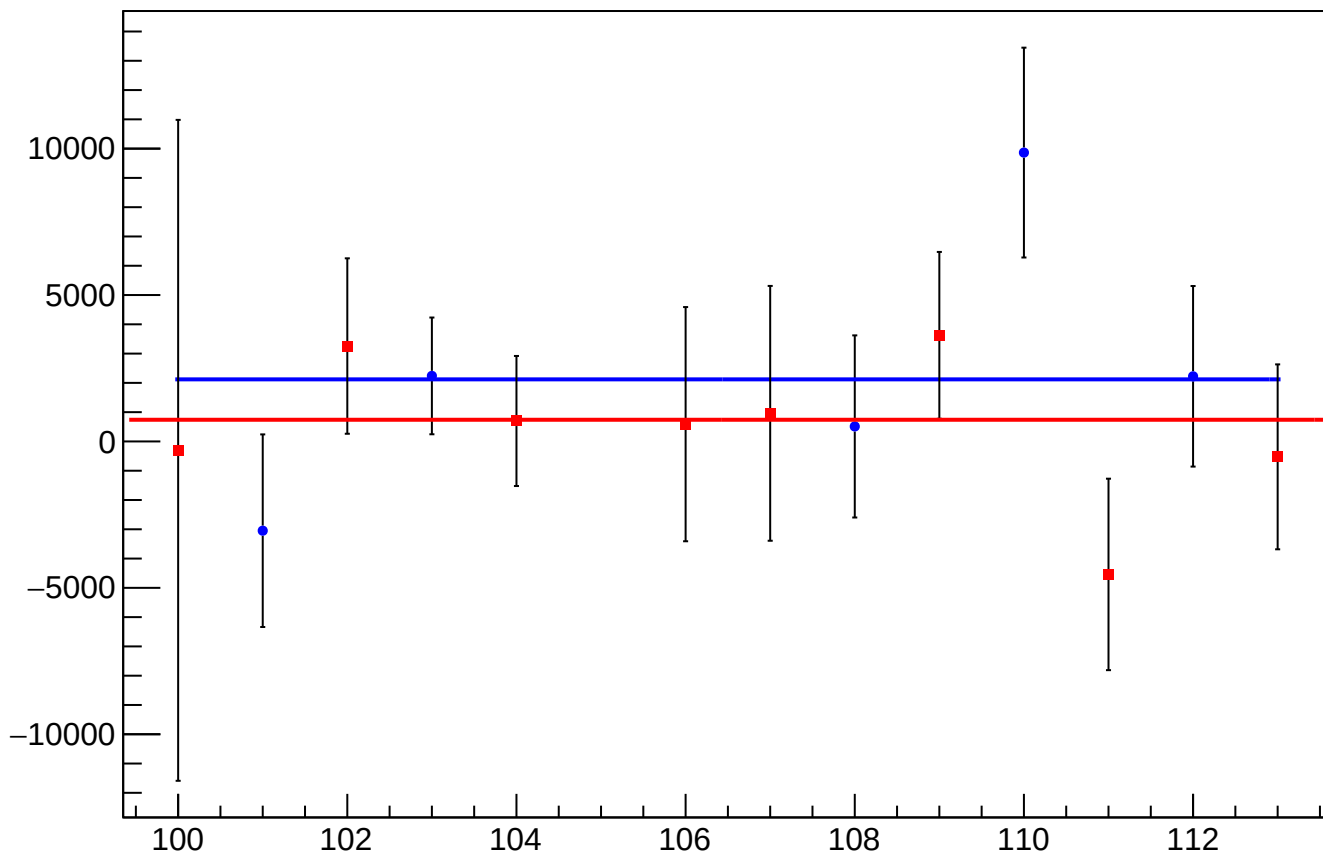
Right: 1261.551+/-0.522 χ^2/NDF : 4808619.4/12

In: 1228.320+/-0.749 χ^2/NDF : 2349049.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1261.551+/-0.522 χ^2/NDF : 4808619.4/12

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: 740.374+/-1151.301 χ^2/NDF : 4.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

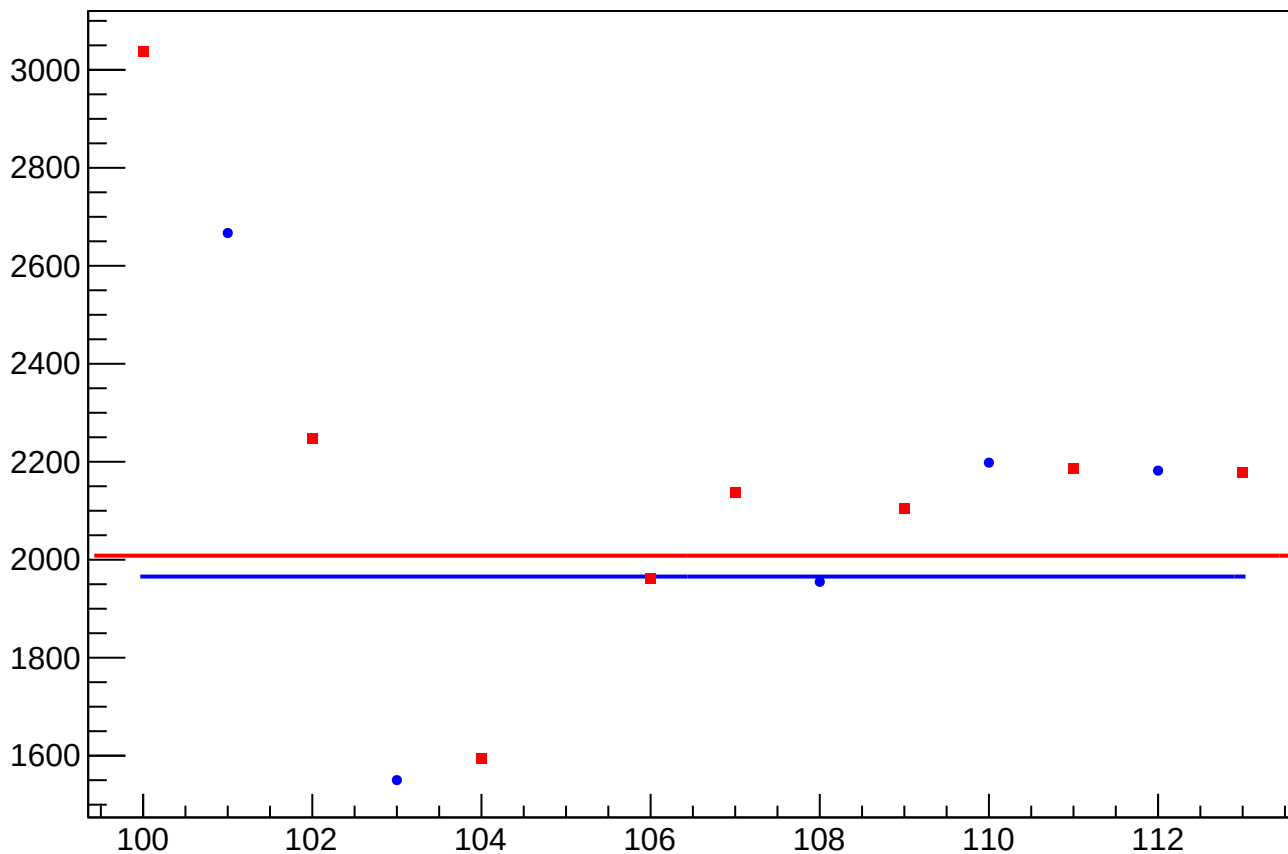
Right: 1368.517+/-849.716 χ^2/NDF : 12.6/12

In: 2120.046+/-1259.310 χ^2/NDF : 7.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1368.517+/-849.716 χ^2/NDF : 12.6/12

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: 2008.324+/-0.810 χ^2/NDF : 114599.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

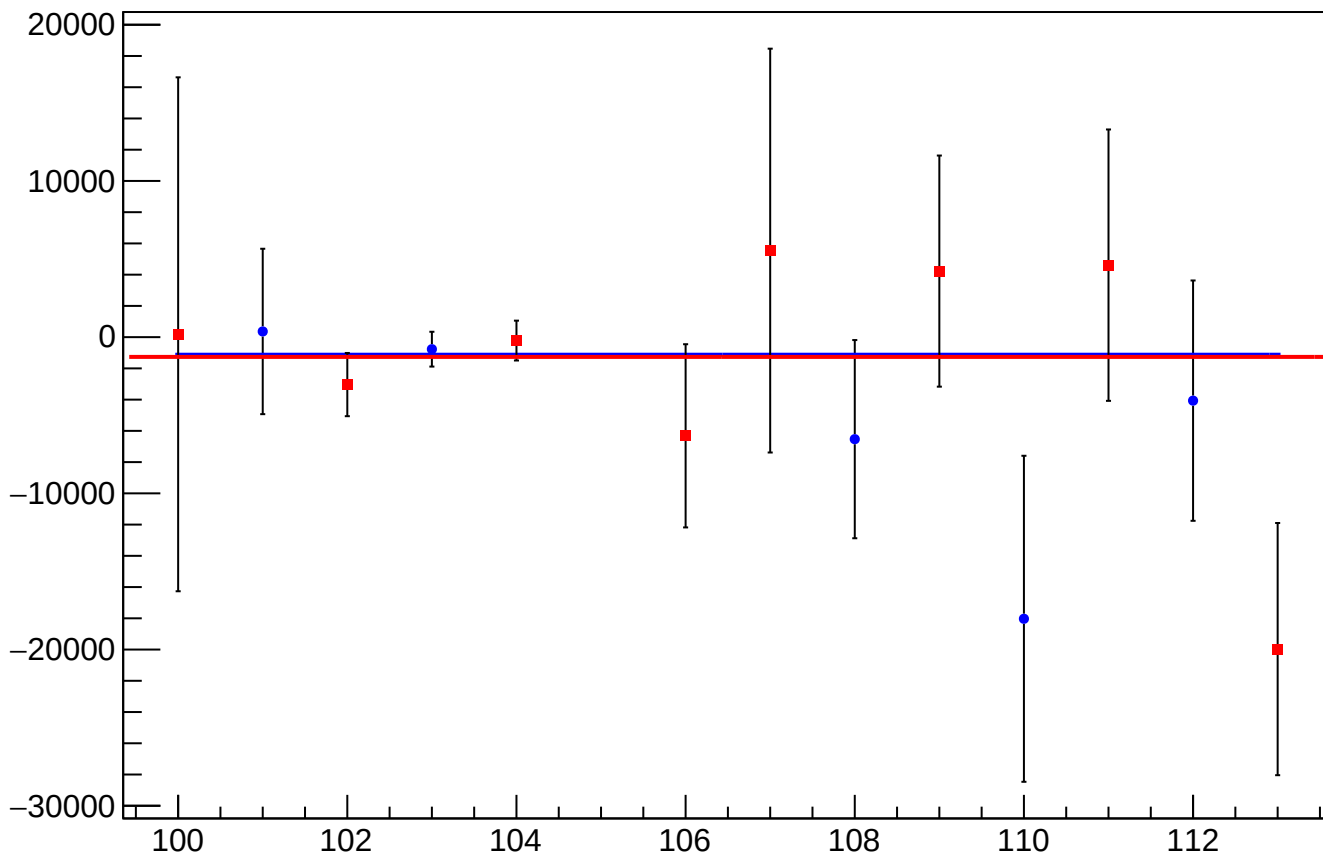
Right: 1989.024+/-0.599 χ^2/NDF : 311965.2/12

In: 1965.676+/-0.890 χ^2/NDF : 196109.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1989.024+/-0.599 χ^2/NDF : 311965.2/12

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: -1264.387+/-1028.941 χ^2/NDF : 8.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

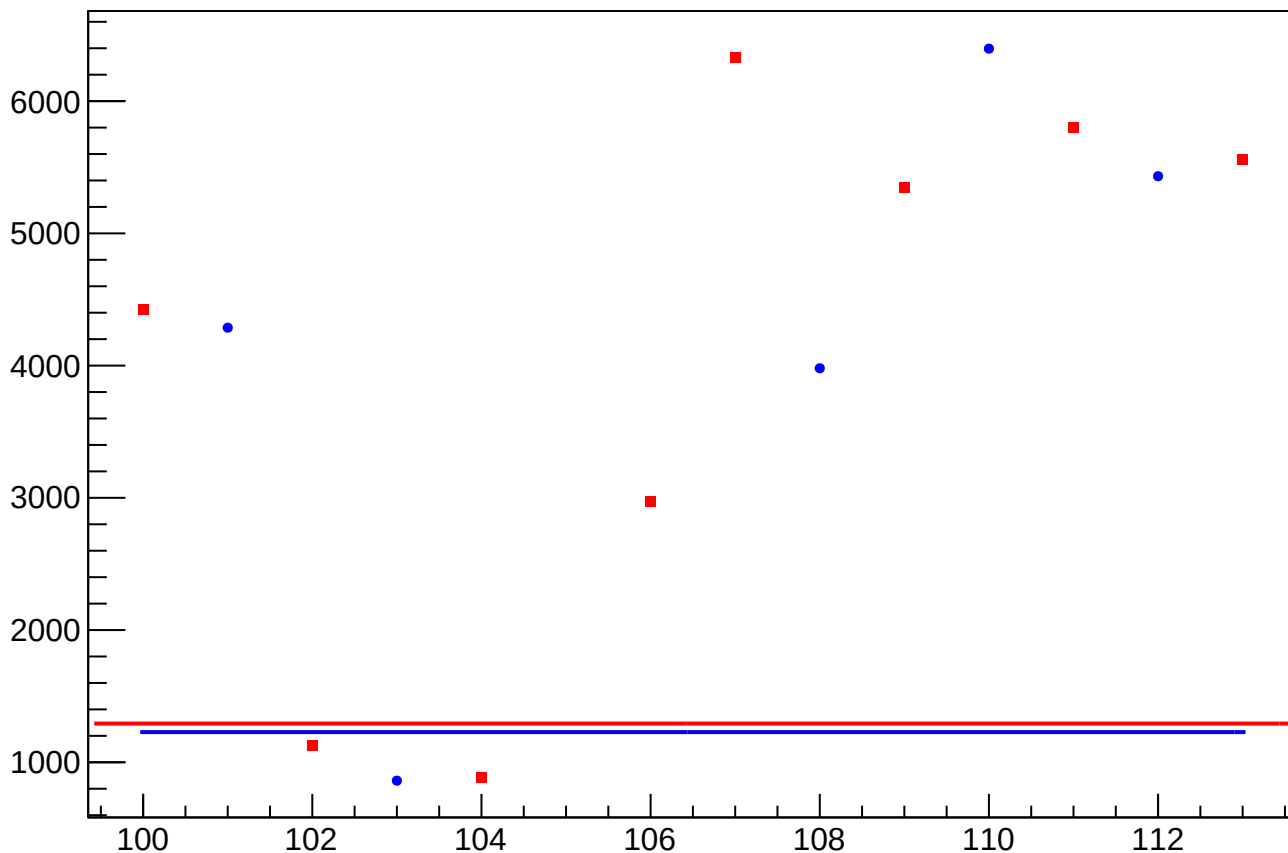
Right: -1196.753+/-737.913 χ^2/NDF : 12.5/12

In: -1125.133+/-1058.834 χ^2/NDF : 3.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1196.753+/-737.913 χ^2/NDF : 12.5/12

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: 1292.933+/-0.728 χ^2/NDF : 2455739.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

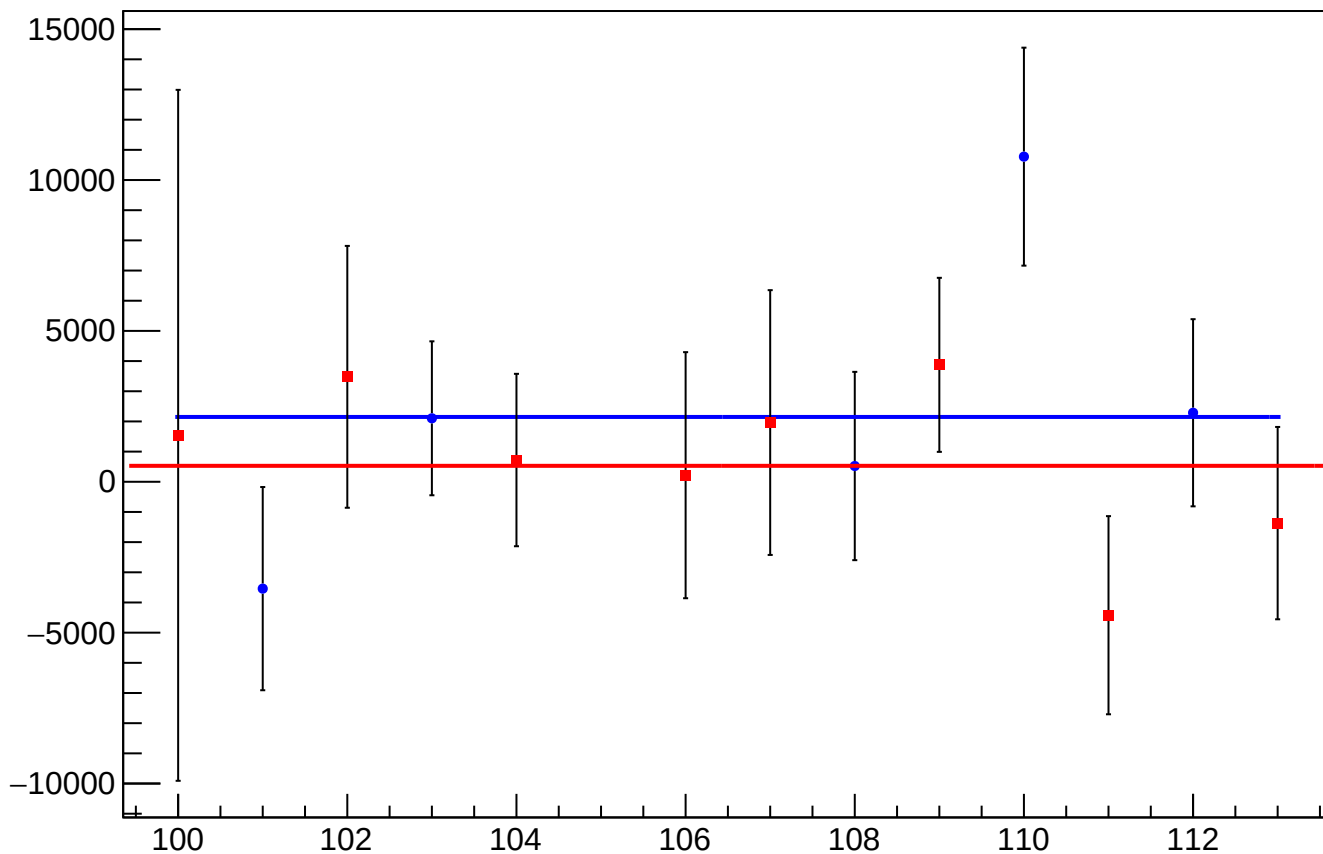
Right: 1261.551+/-0.522 χ^2/NDF : 4808619.4/12

In: 1228.320+/-0.749 χ^2/NDF : 2349049.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1261.551+/-0.522 χ^2/NDF : 4808619.4/12

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: 528.654+/-1283.712 χ^2/NDF : 4.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

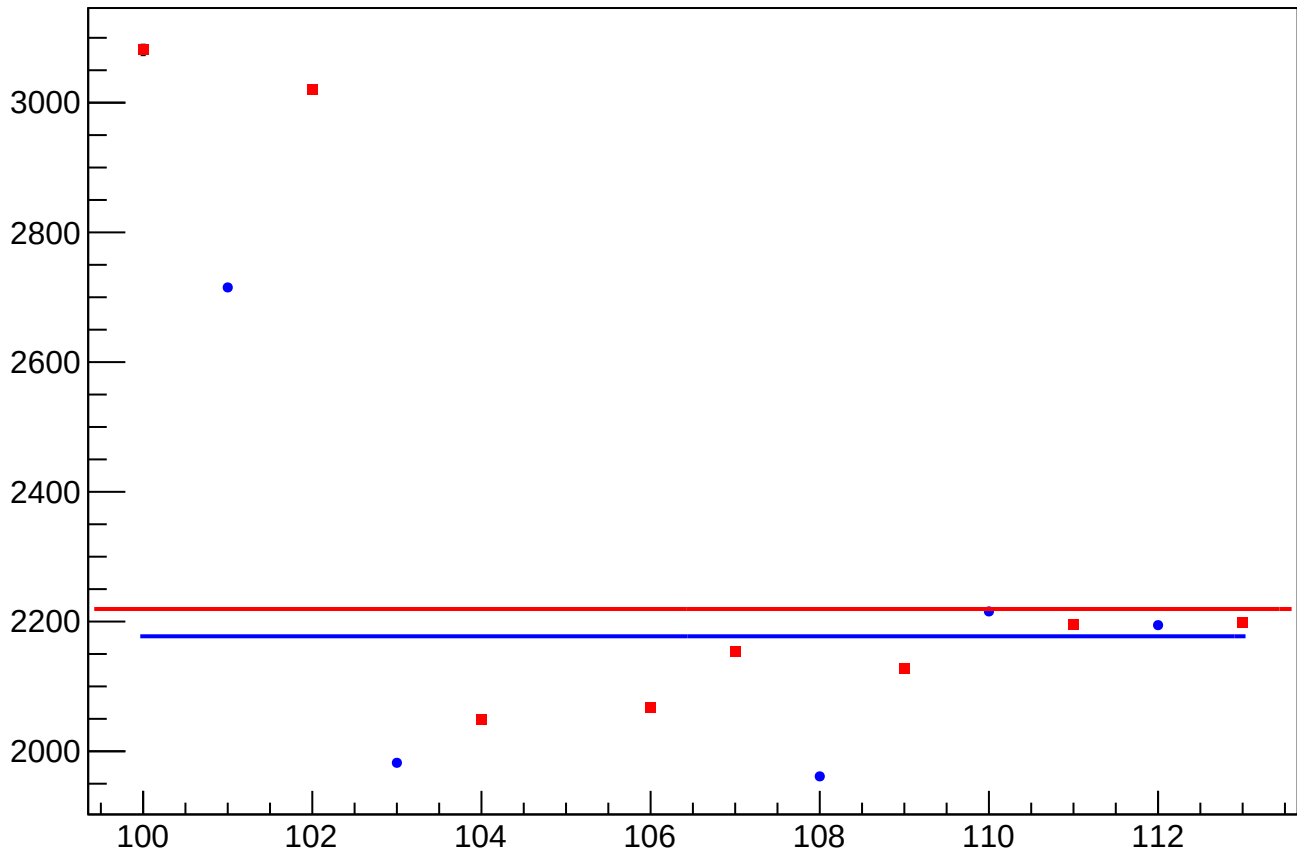
Right: 1280.207+/-939.852 χ^2/NDF : 14.1/12

In: 2148.464+/-1379.786 χ^2/NDF : 8.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1280.207+/-939.852 χ^2/NDF : 14.1/12

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: 2219.349+/-0.905 χ^2/NDF : 92270.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

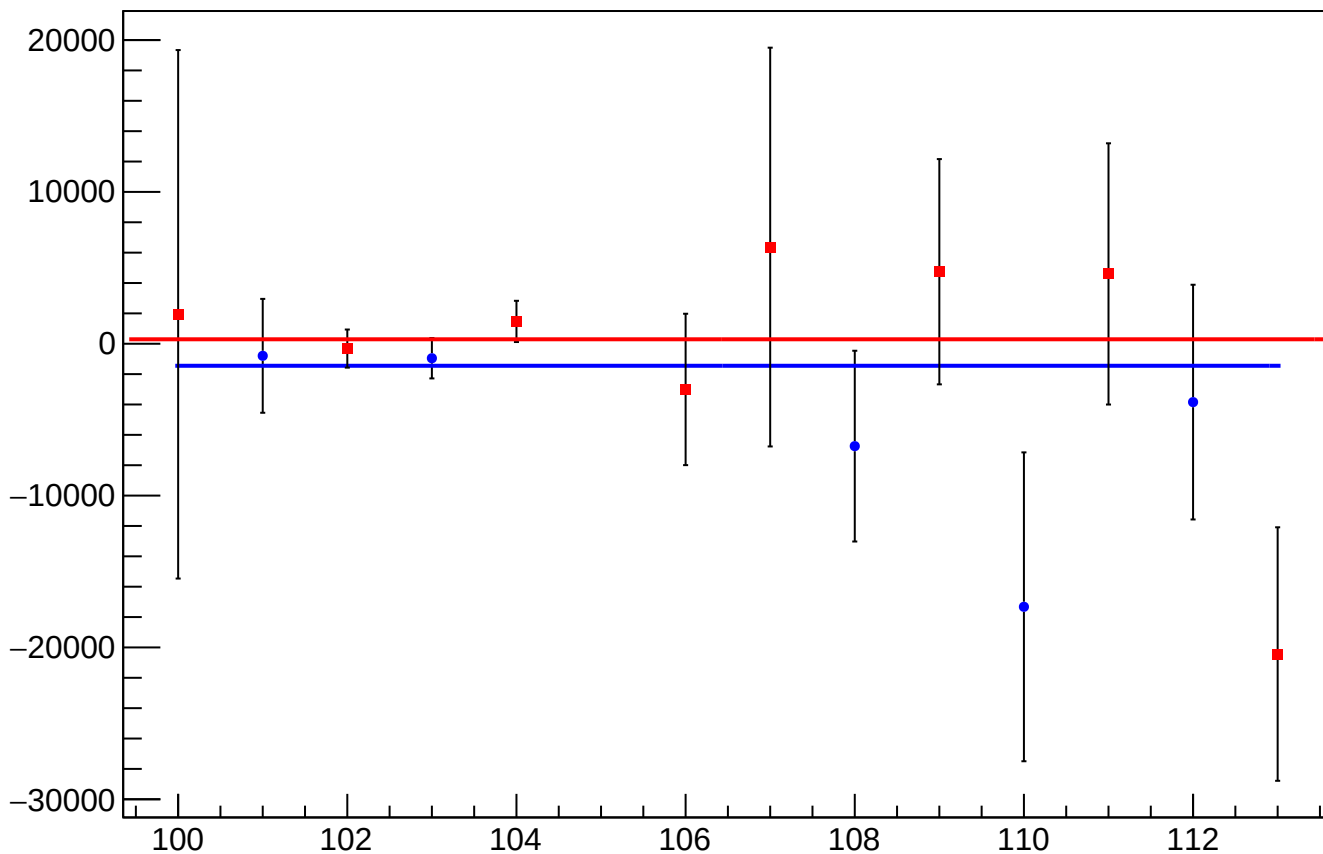
Right: 2199.886+/-0.664 χ^2/NDF : 165862.8/12

In: 2177.284+/-0.976 χ^2/NDF : 72593.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2199.886+/-0.664 χ^2/NDF : 165862.8/12

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: 293.966+/-886.146 χ^2/NDF : 8.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

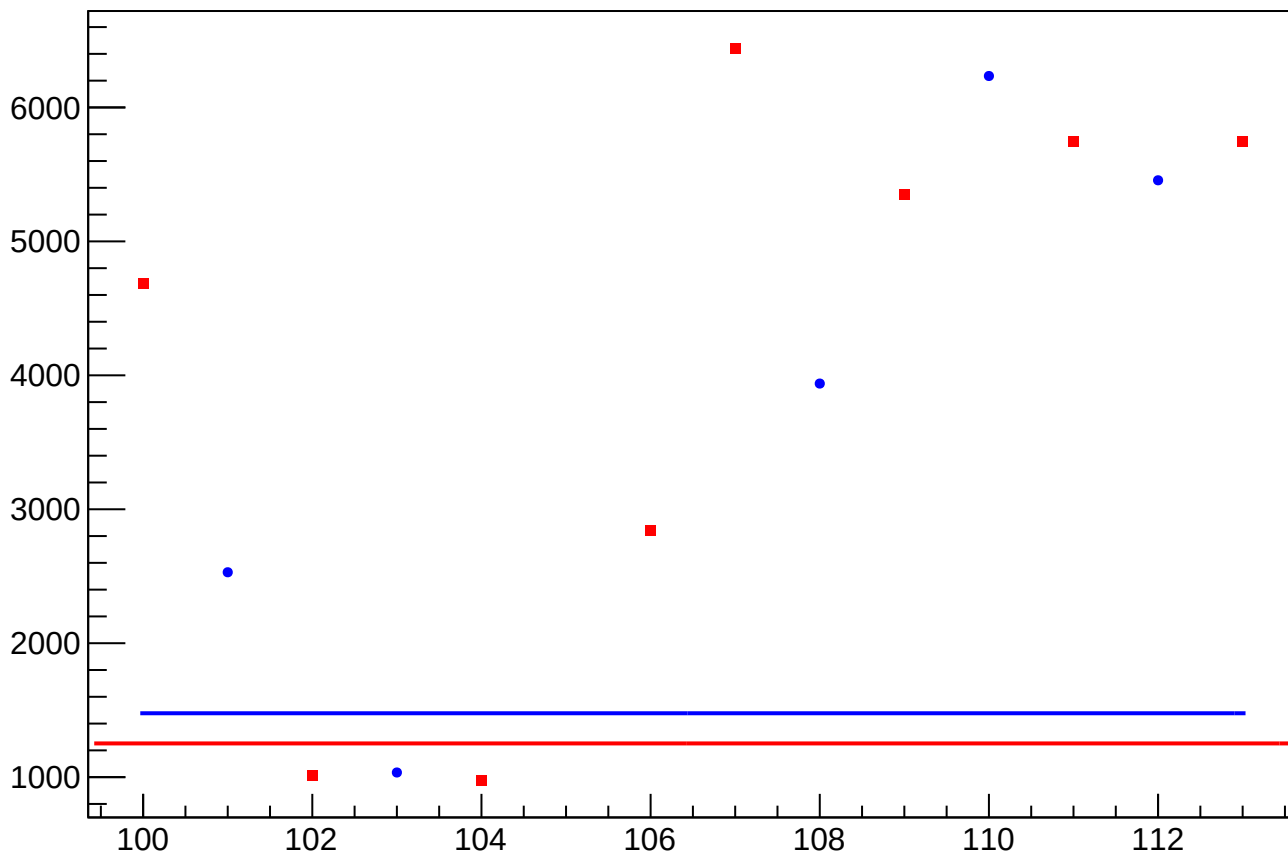
Right: -317.728+/-714.041 χ^2/NDF : 13.2/12

In: -1450.168+/-1205.718 χ^2/NDF : 3.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -317.728+/-714.041 χ^2/NDF : 13.2/12

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: 1251.819+/-0.627 χ^2/NDF : 2488034.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

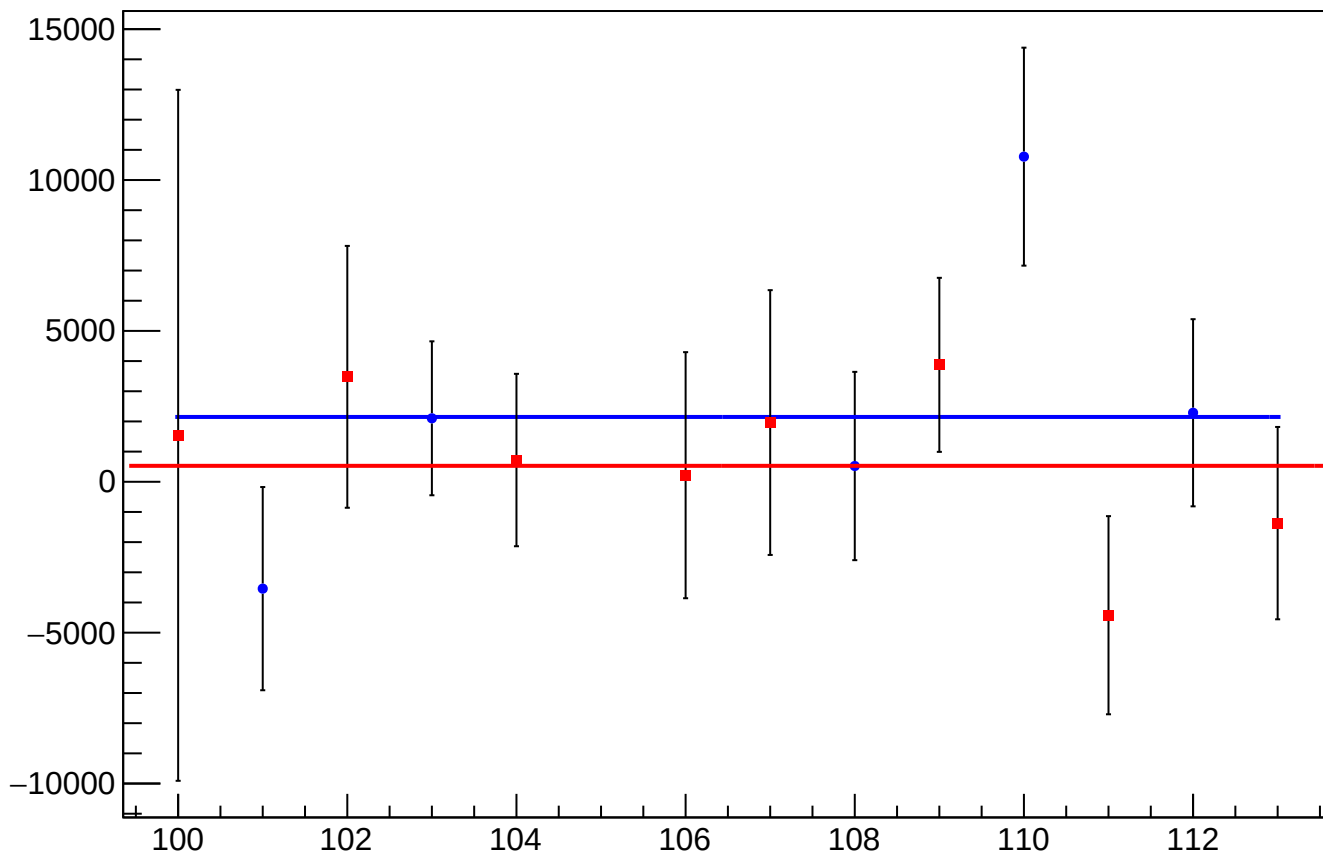
Right: 1330.806+/-0.505 χ^2/NDF : 4186801.3/12

In: 1477.037+/-0.853 χ^2/NDF : 1653458.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1330.806+/-0.505 χ^2/NDF : 4186801.3/12

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: 528.657+/-1283.712 χ^2/NDF : 4.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

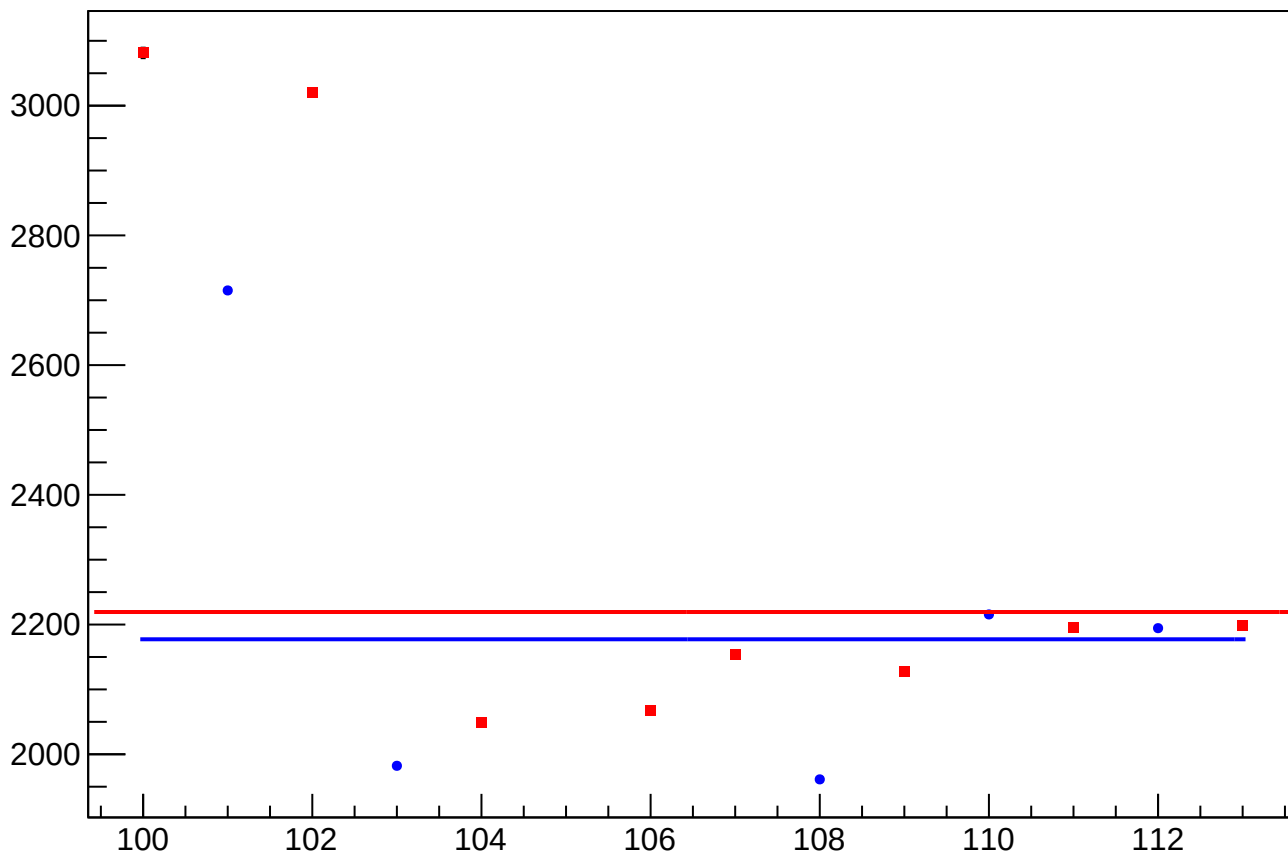
Right: 1280.207+/-939.852 χ^2/NDF : 14.1/12

In: 2148.458+/-1379.785 χ^2/NDF : 8.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1280.207+/-939.852 χ^2/NDF : 14.1/12

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: 2219.347+/-0.905 χ^2/NDF : 92270.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

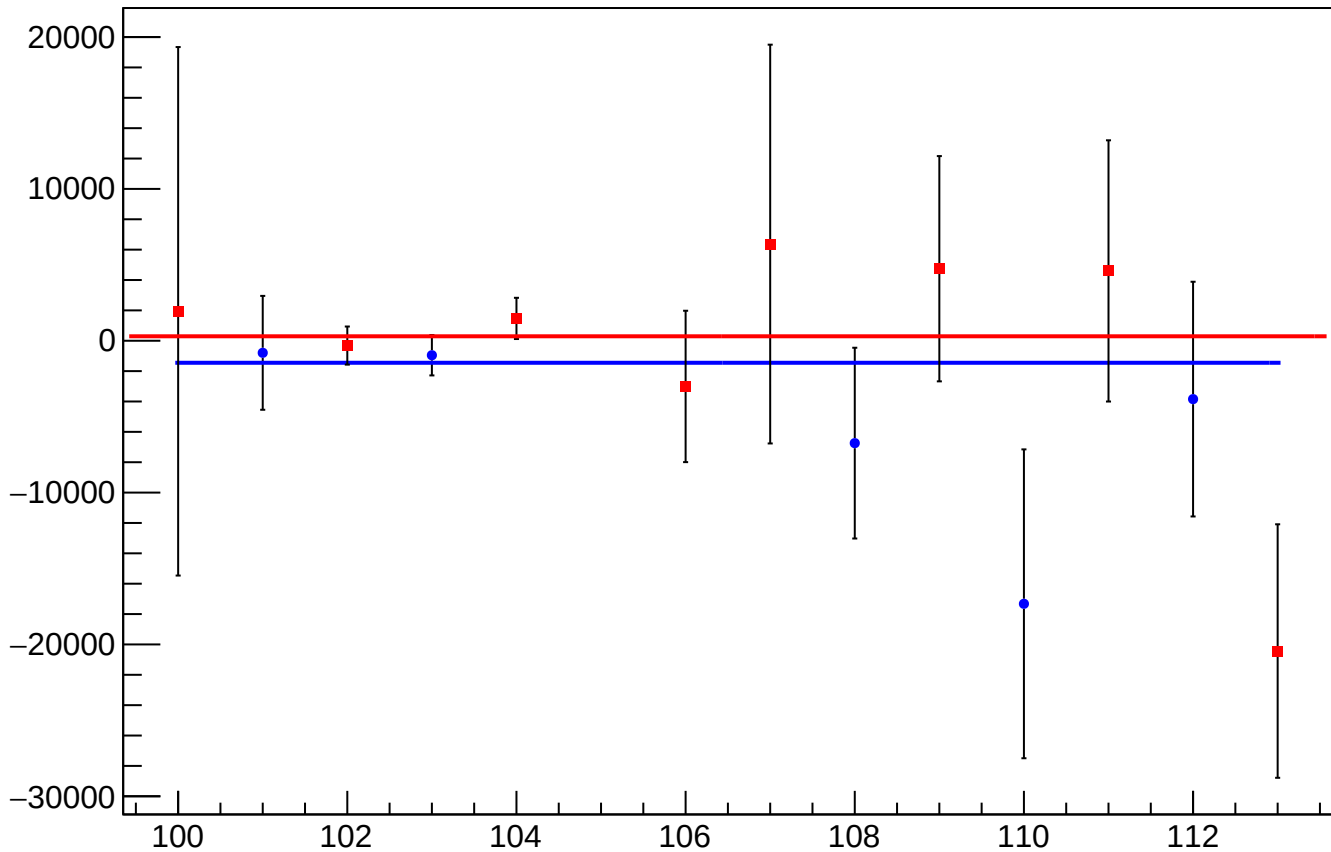
Right: 2199.884+/-0.664 χ^2/NDF : 165862.9/12

In: 2177.282+/-0.976 χ^2/NDF : 72593.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2199.884+/-0.664 χ^2/NDF : 165862.9/12

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: 293.960+/-886.146 χ^2/NDF : 8.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

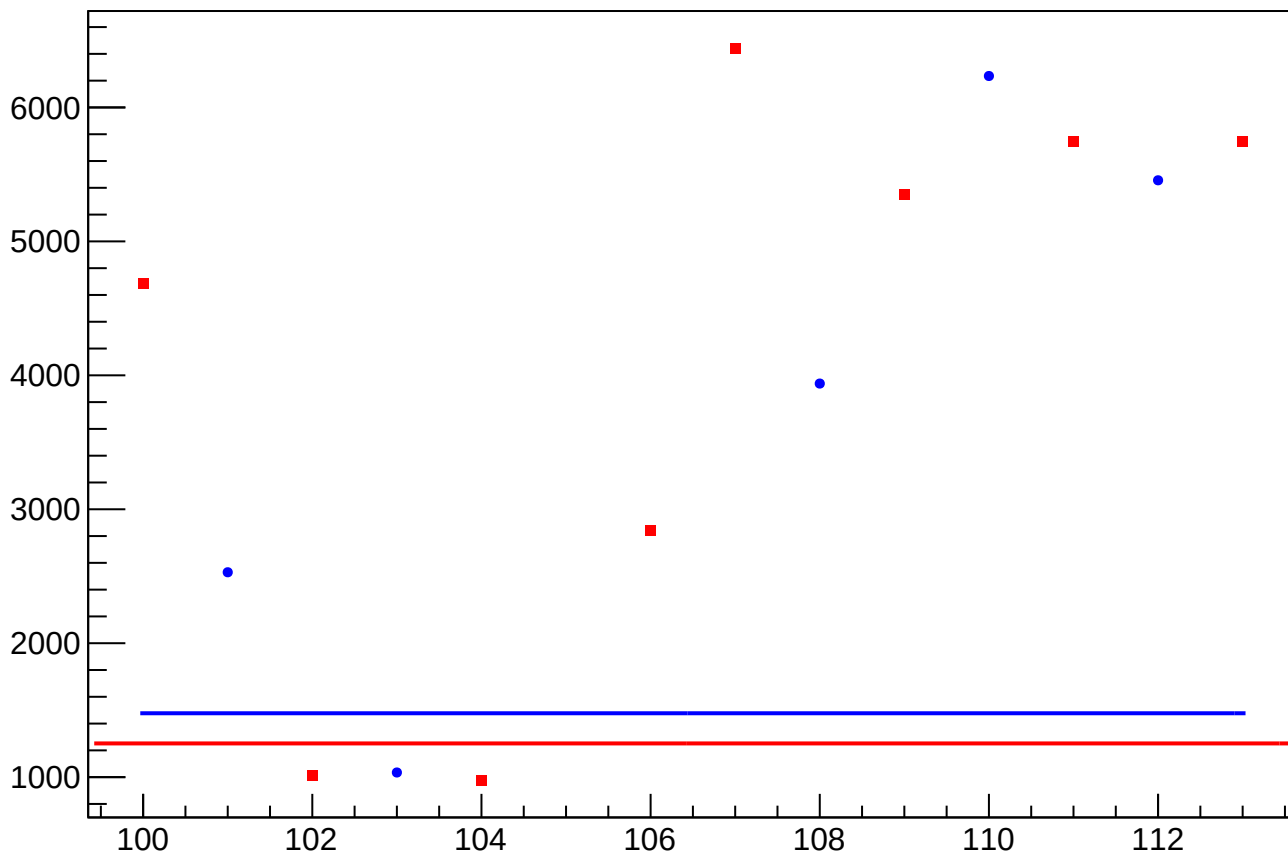
Right: -317.734+/-714.040 χ^2/NDF : 13.2/12

In: -1450.174+/-1205.718 χ^2/NDF : 3.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -317.734+/-714.040 χ^2/NDF : 13.2/12

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: 1251.819+/-0.627 χ^2/NDF : 2488033.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

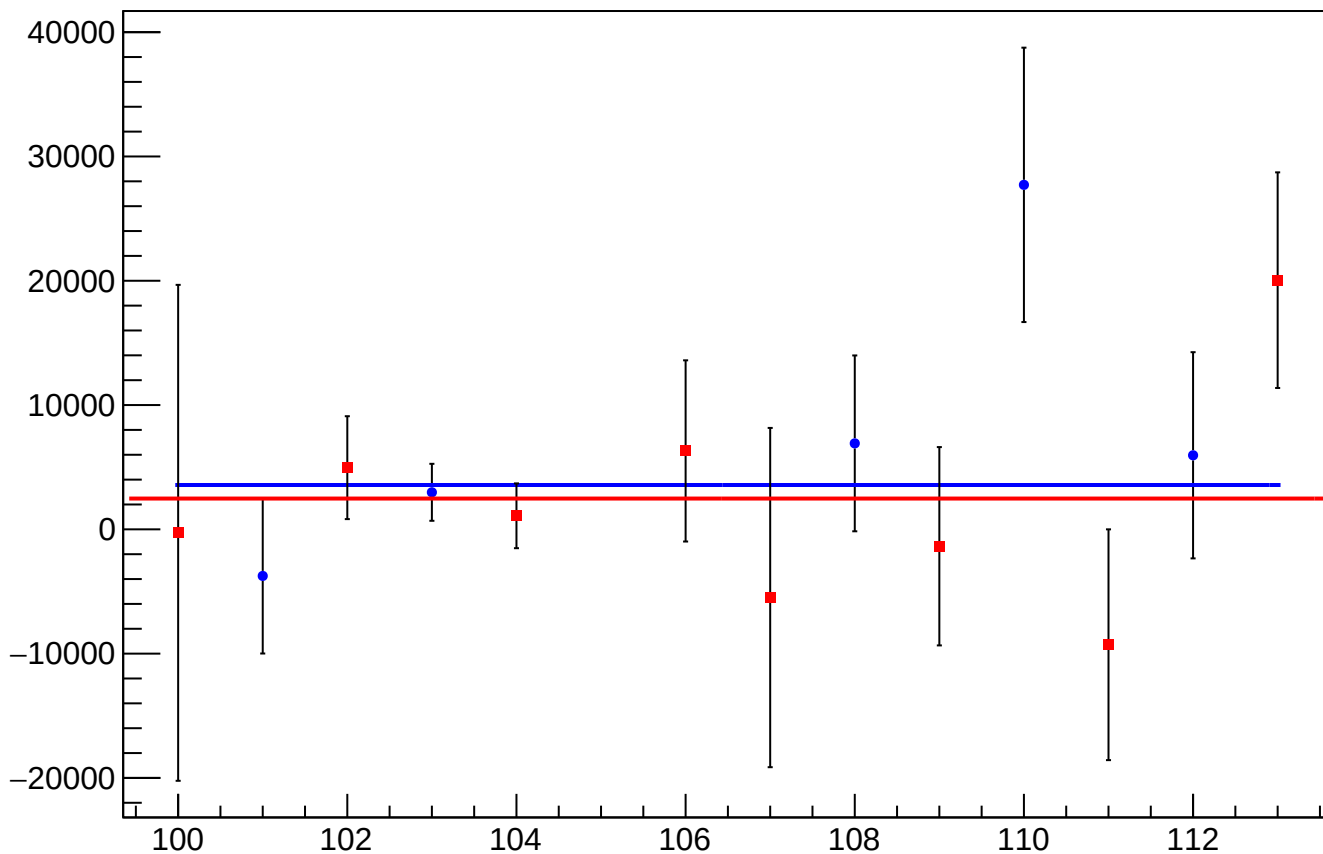
Right: 1330.806+/-0.505 χ^2/NDF : 4186799.5/12

In: 1477.036+/-0.853 χ^2/NDF : 1653458.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1330.806+/-0.505 χ^2/NDF : 4186799.5/12

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: 2477.341+/-1914.405 χ^2/NDF : 7.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

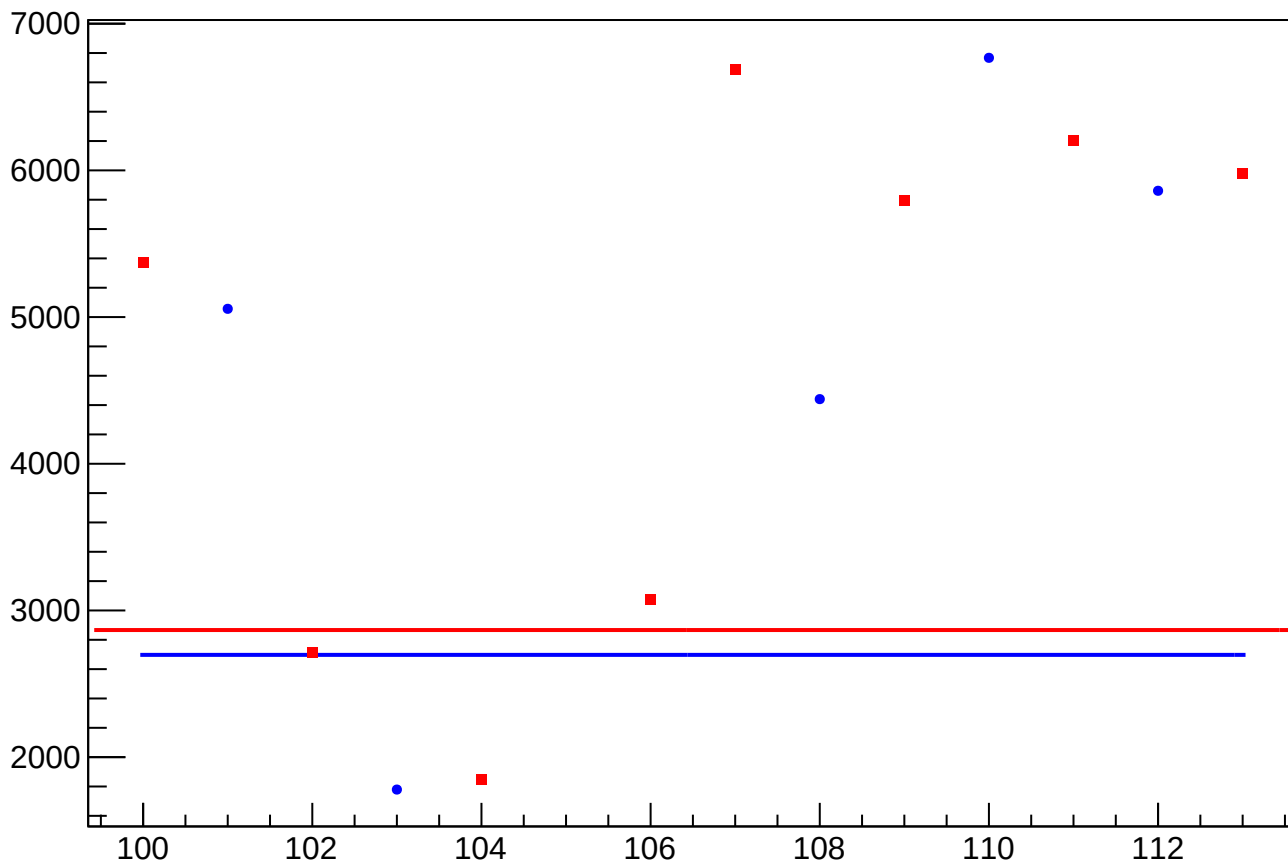
Right: 3008.149+/-1371.497 χ^2/NDF : 13.9/12

In: 3567.838+/-1965.796 χ^2/NDF : 6.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3008.149+/-1371.497 χ^2/NDF : 13.9/12

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: 2866.544+/-1.333 χ^2/NDF : 1282459.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

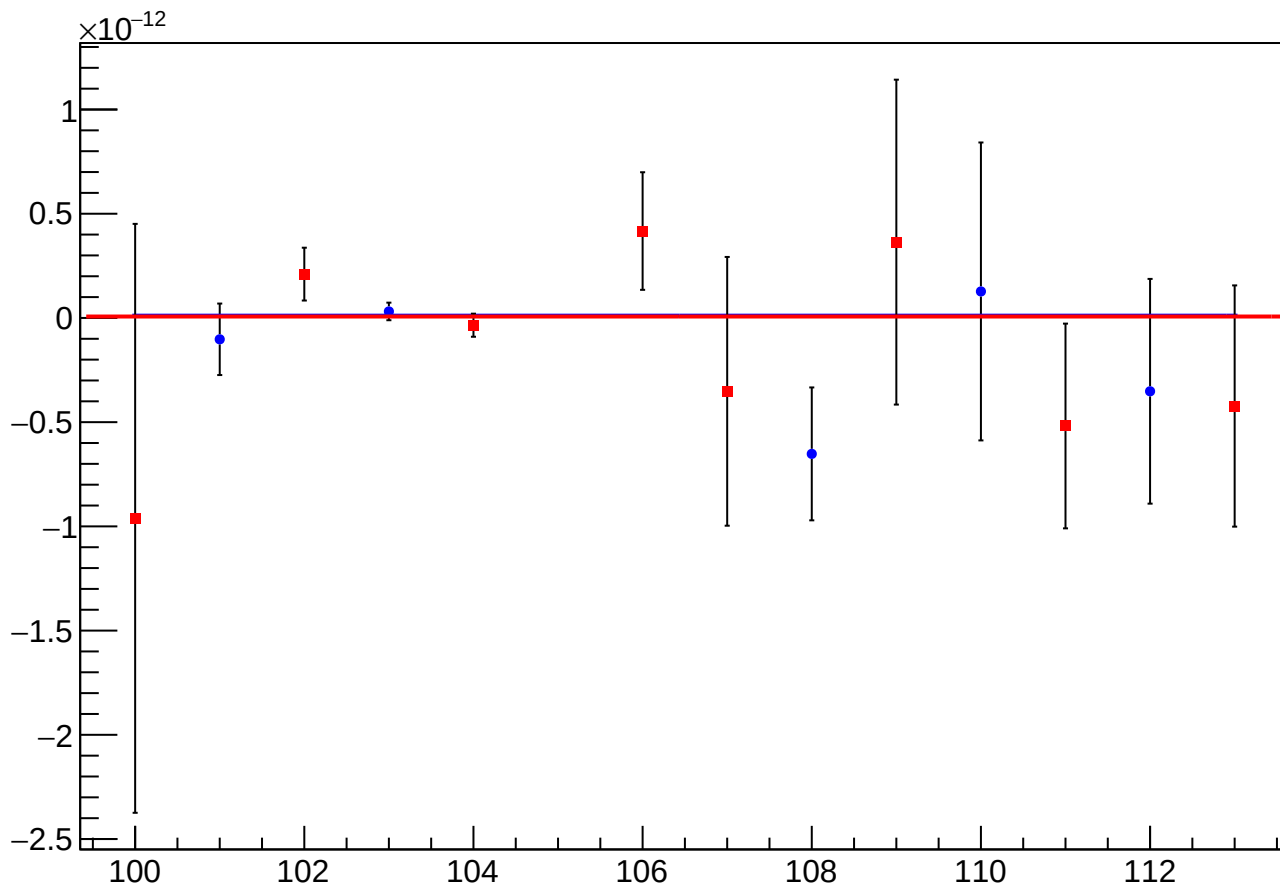
Right: 2785.426+/-0.962 χ^2/NDF : 2581267.3/12

In: 2697.257+/-1.390 χ^2/NDF : 1291083.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2785.426+/-0.962 χ^2/NDF : 2581267.3/12

asym_atl1r2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

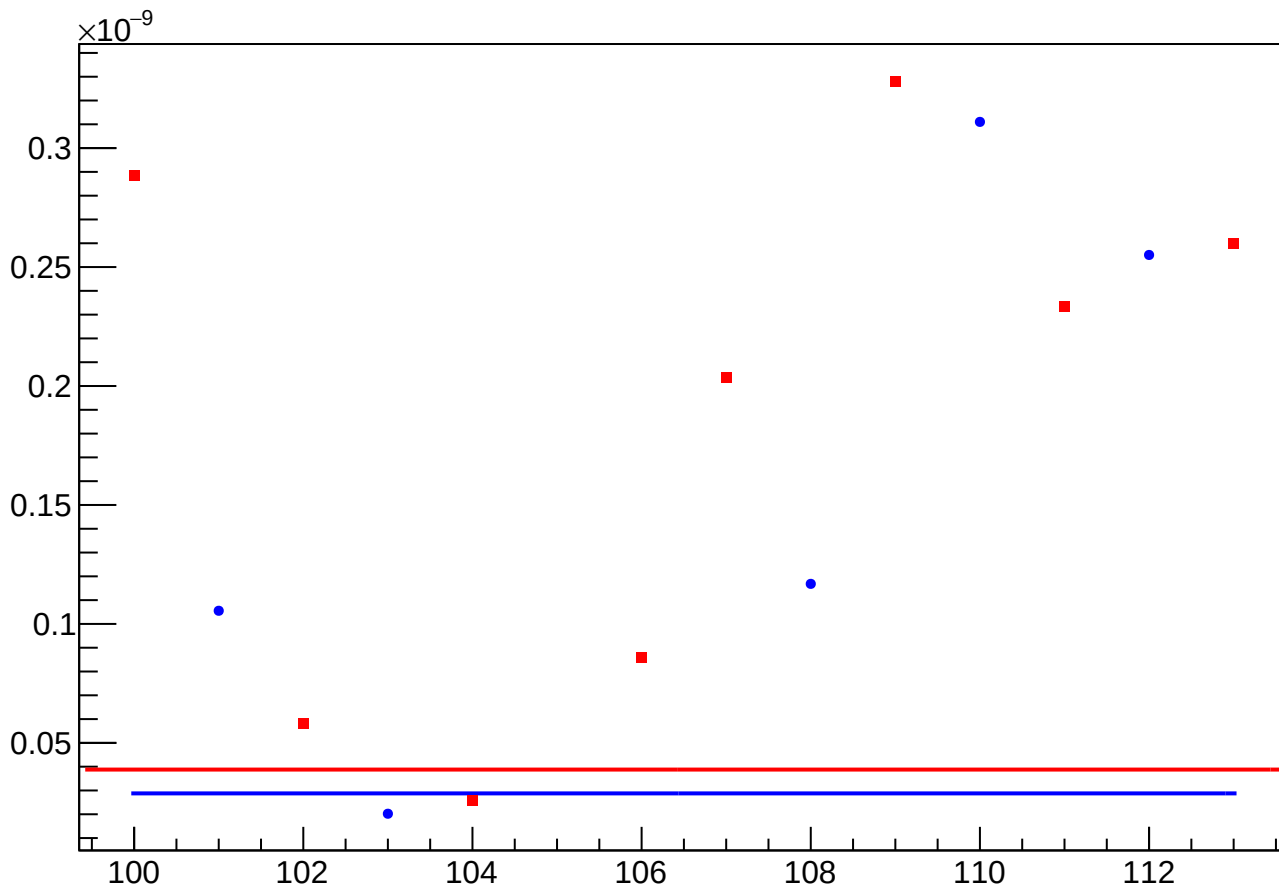
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.4/12

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.4/12

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 : 1289940.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

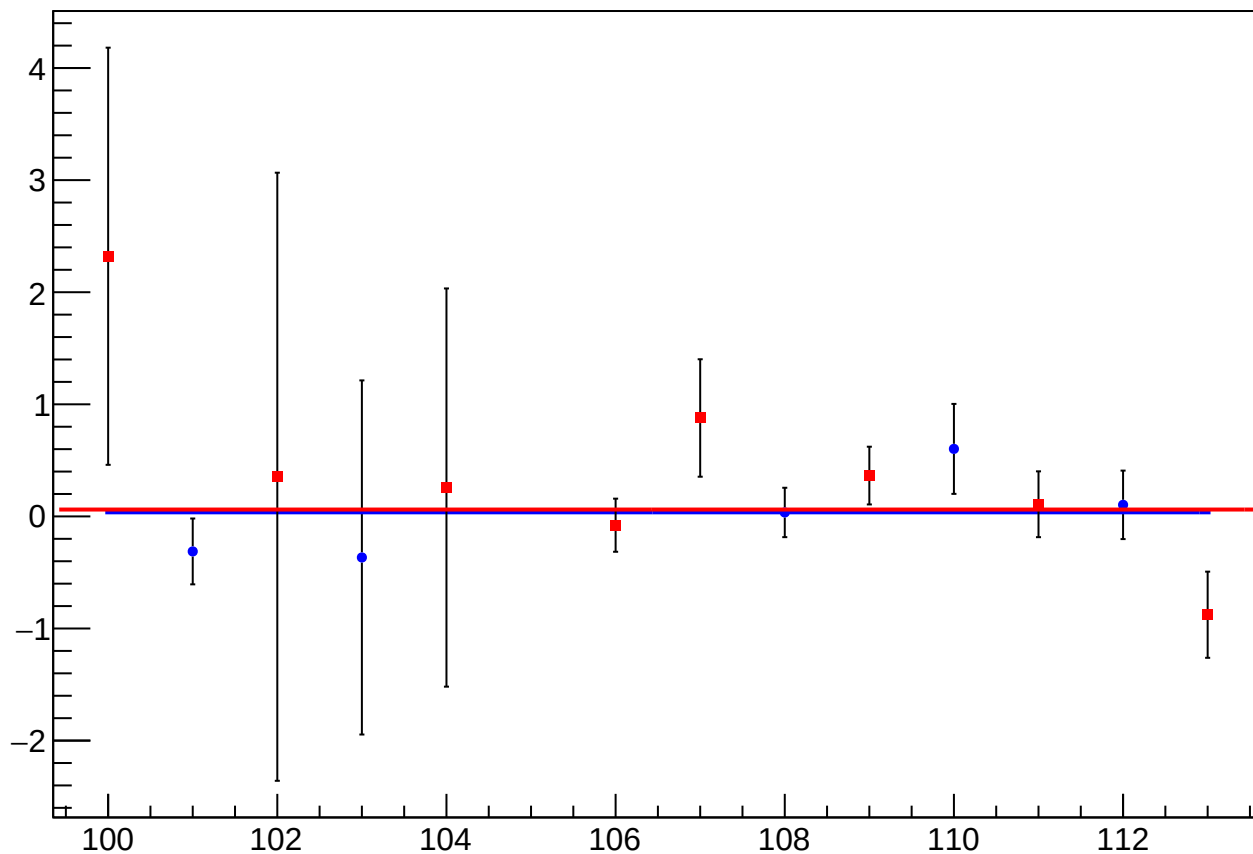
Right: 0.000+/-0.000 χ^2/NDF : 2639410.2/12

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 : 2639410.2/12

asym_atl1r2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.036+/-0.142 χ^2/NDF : 3.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.061+/-0.134 χ^2/NDF : 11.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

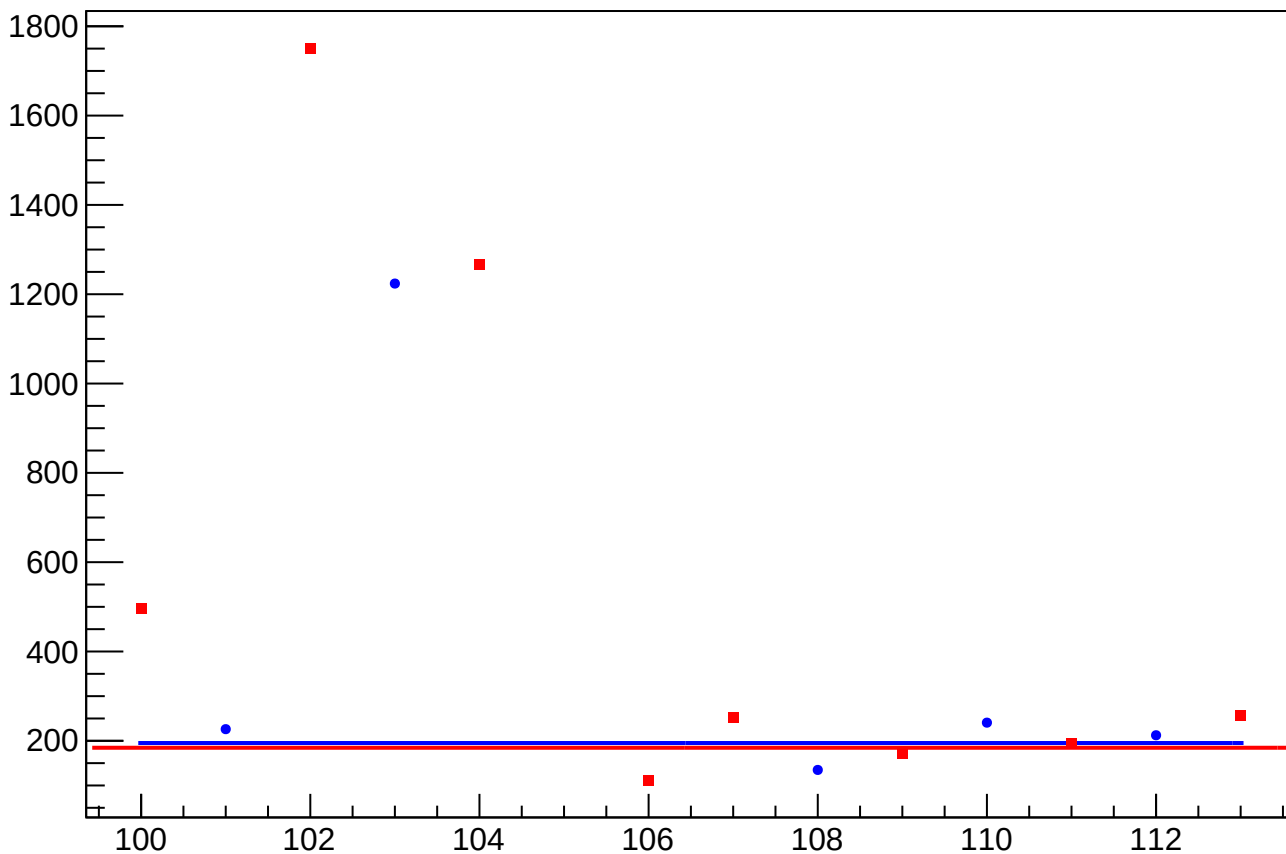
Right: 0.050+/-0.098 χ^2/NDF : 15.2/12

In: 0.036+/-0.142 χ^2/NDF : 3.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.050+/-0.098 χ^2/NDF : 15.2/12

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: 184.469+/-0.095 χ^2/NDF : 1770735.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

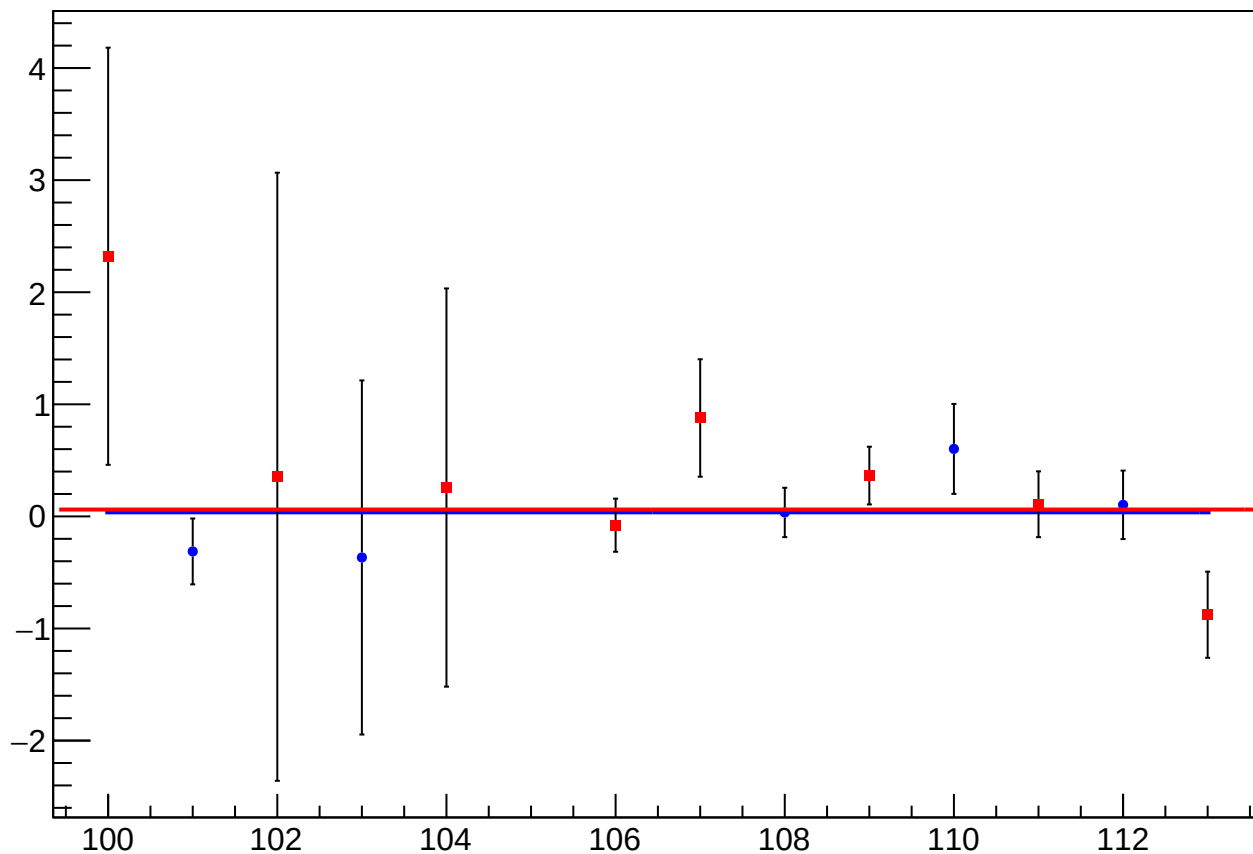
Right: 189.460+/-0.069 χ^2/NDF : 2829459.8/12

In: 195.066+/-0.100 χ^2/NDF : 1052839.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 189.460+/-0.069 χ^2/NDF : 2829459.8/12

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: 0.061 $\pm$ 0.134 χ^2 /NDF: 11.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

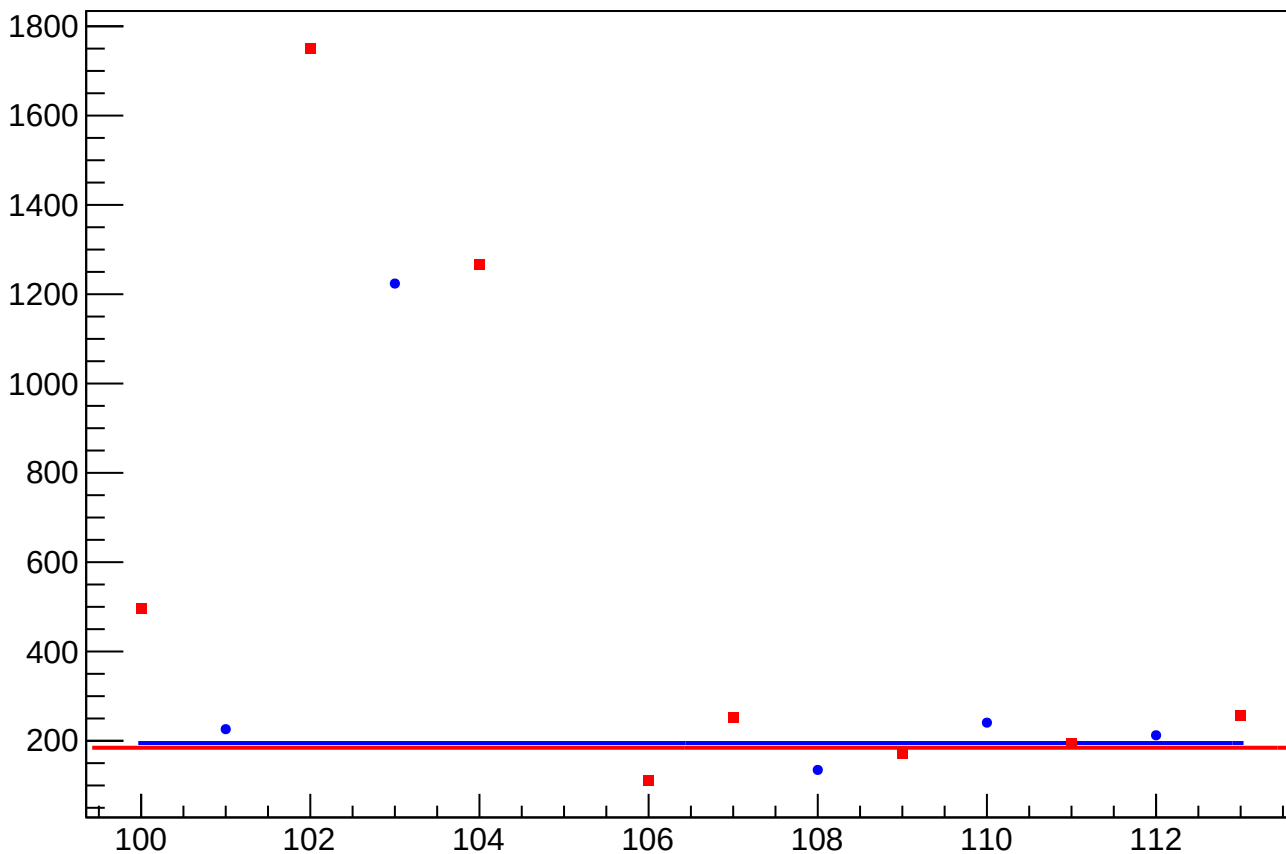
Right: 0.050 $\pm$ 0.098 χ^2 /NDF: 15.2/12

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: 0.050 $\pm$ 0.098 χ^2 /NDF: 15.2/12

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: 184.469+/-0.095 χ^2/NDF : 1770735.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

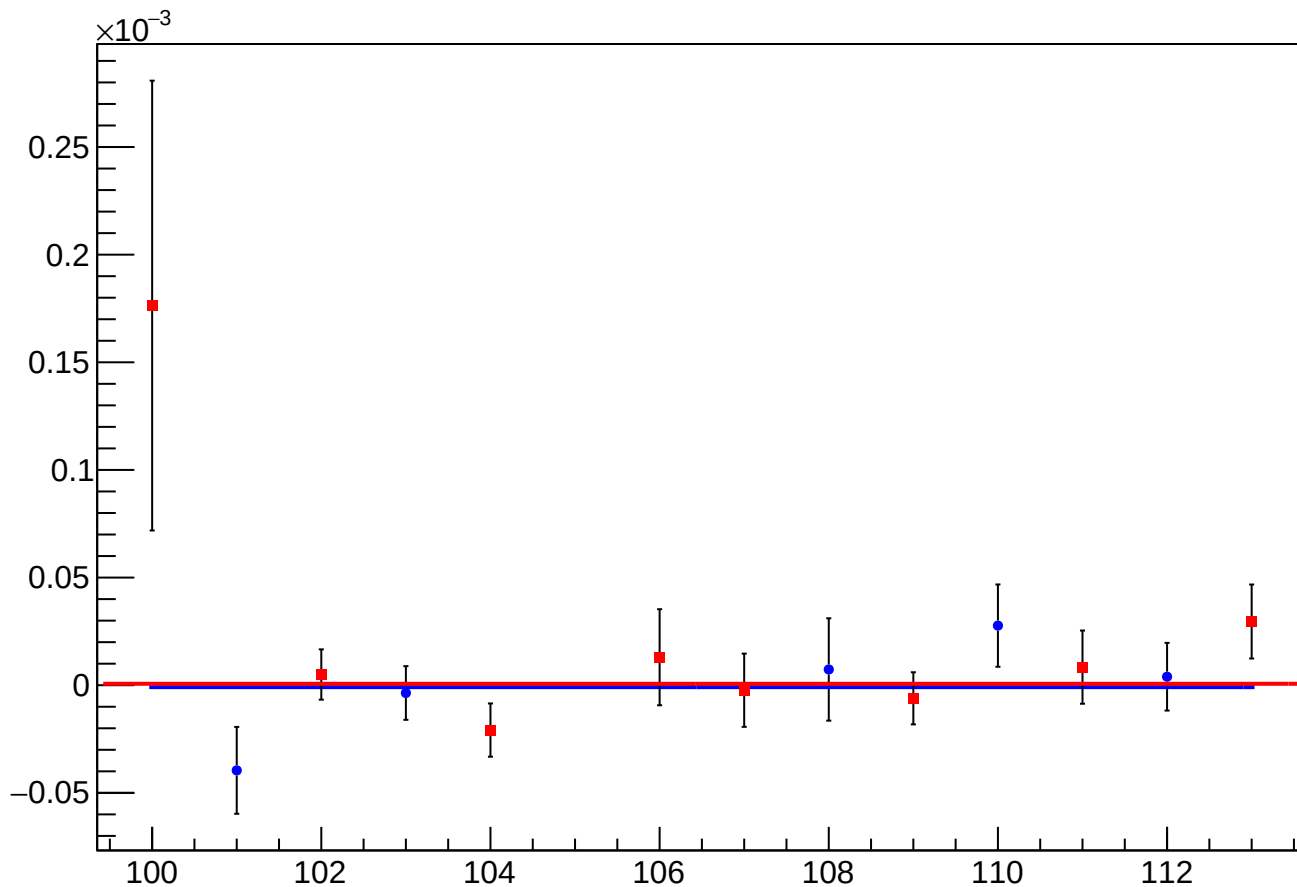
Right: 189.460+/-0.069 χ^2/NDF : 2829459.8/12

In: 195.066+/-0.100 χ^2/NDF : 1052839.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 189.460+/-0.069 χ^2/NDF : 2829459.8/12

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 : 9.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

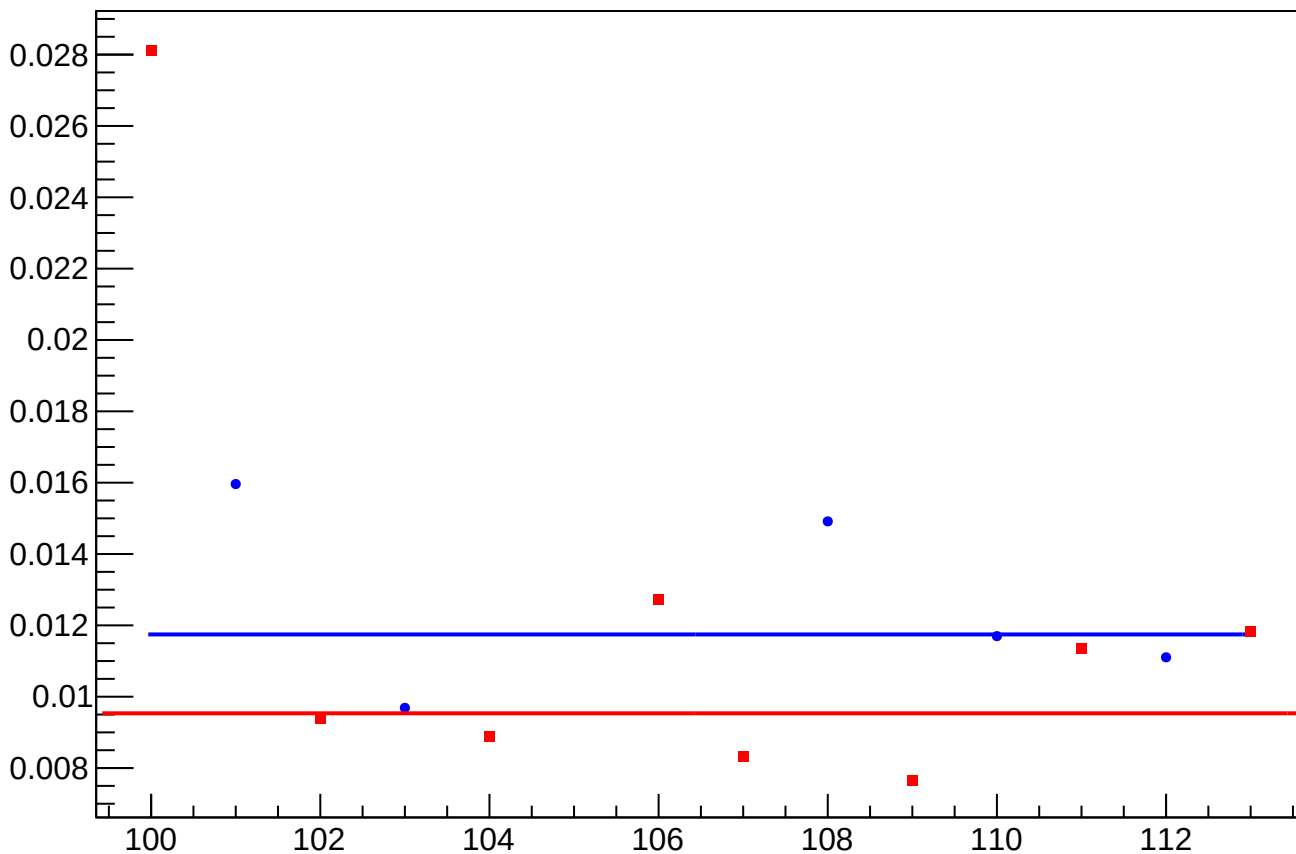
Right: 0.000+/-0.000 χ^2/NDF : 15.9/12

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 : 15.9/12

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: 0.010+/-0.000 χ^2/NDF : 226848.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

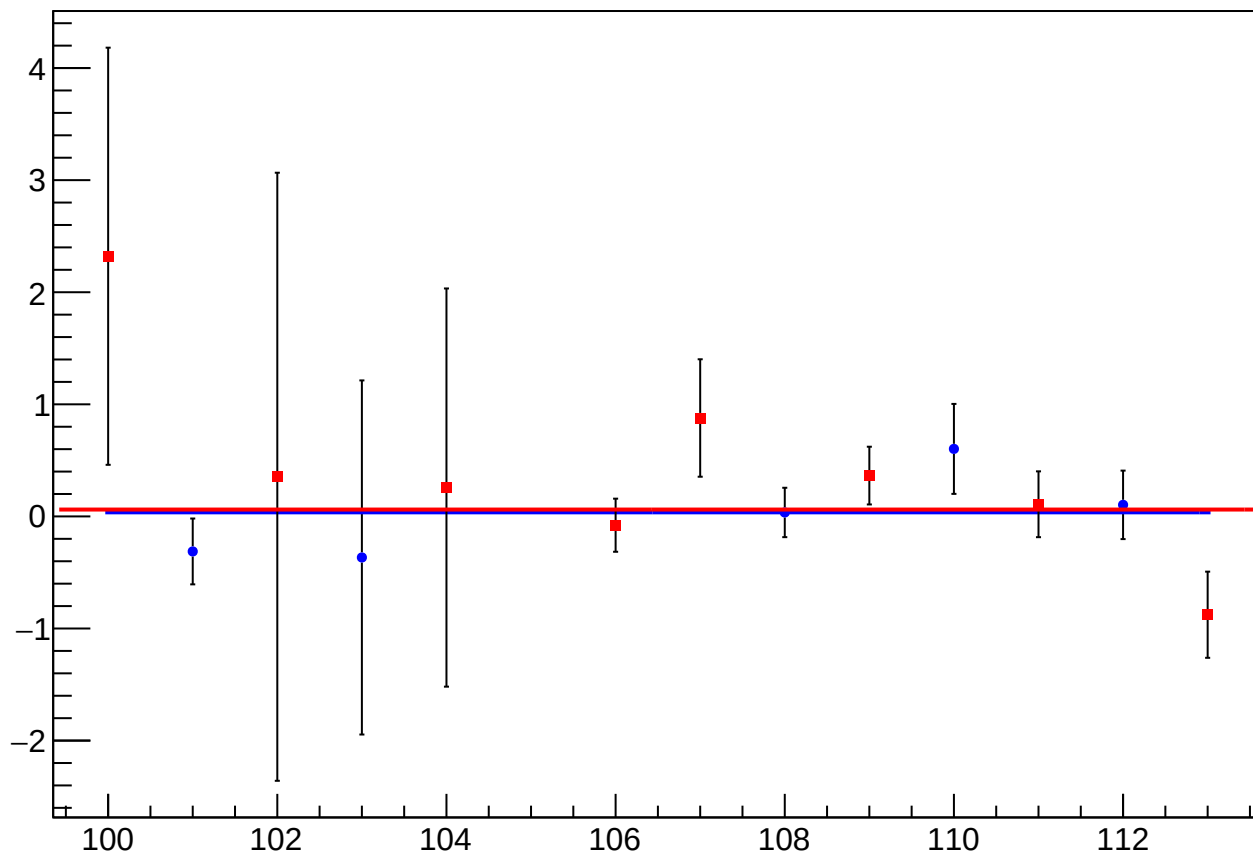
Right: 0.010+/-0.000 χ^2/NDF : 519210.9/12

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 : 519210.9/12

asym_atl1r2_avg_eigen_dit_vs_slug_Sign_Corrected



Right In: 0.036+/-0.142 χ^2/NDF : 3.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.061+/-0.134 χ^2/NDF : 11.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

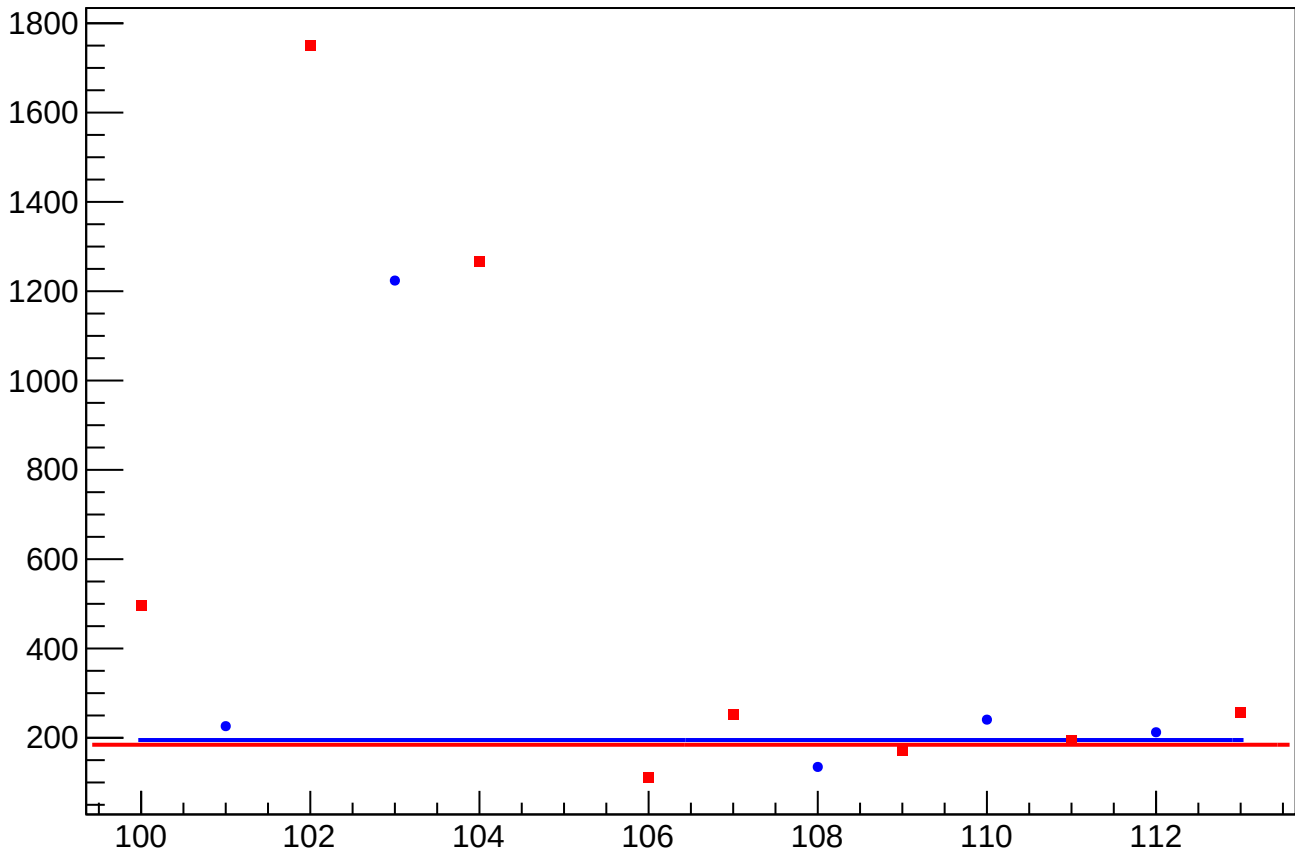
Right: 0.050+/-0.098 χ^2/NDF : 15.2/12

In: 0.036+/-0.142 χ^2/NDF : 3.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.050+/-0.098 χ^2/NDF : 15.2/12

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: 184.467+/-0.095 χ^2/NDF : 1770761.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

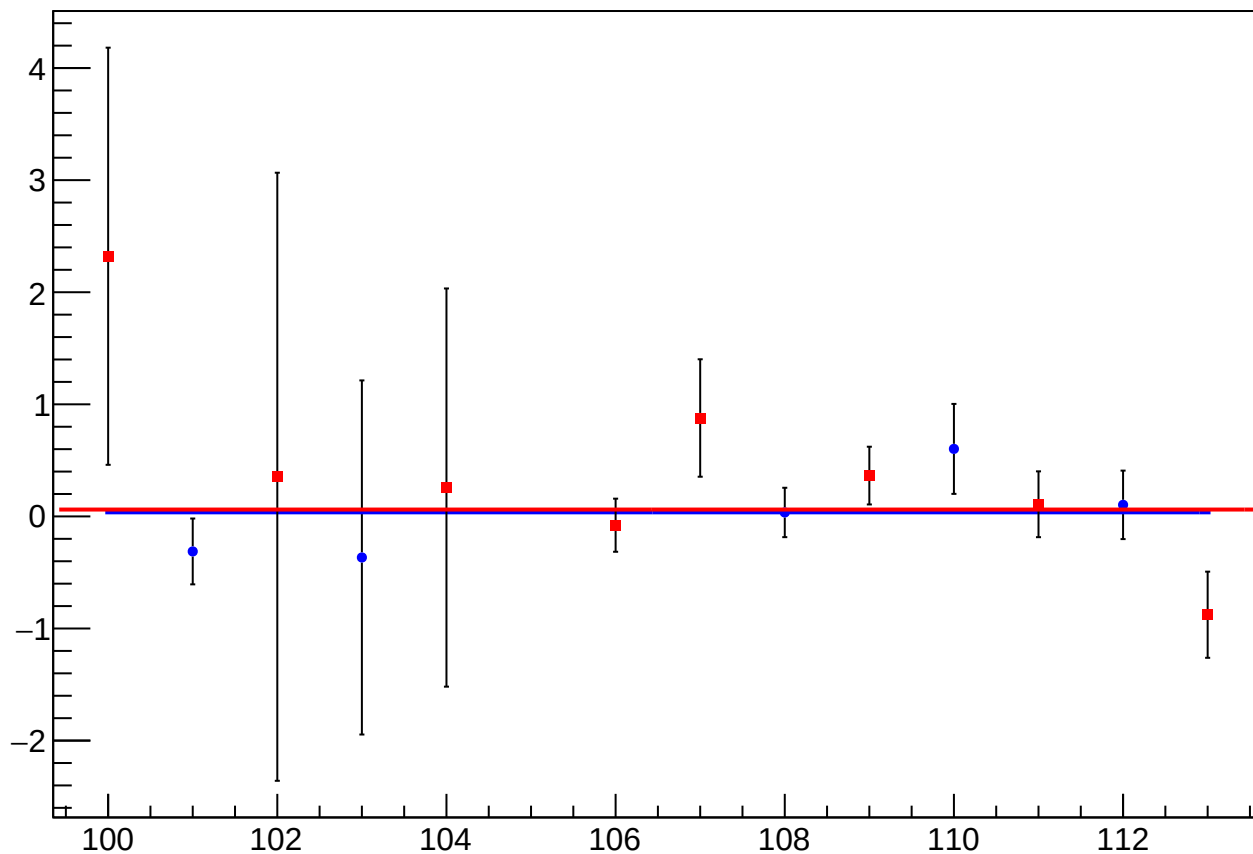
Right: 189.459+/-0.069 χ^2/NDF : 2829496.7/12

In: 195.066+/-0.100 χ^2/NDF : 1052848.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 189.459+/-0.069 χ^2/NDF : 2829496.7/12

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.036+/-0.142 χ^2/NDF : 3.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.061+/-0.134 χ^2/NDF : 11.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

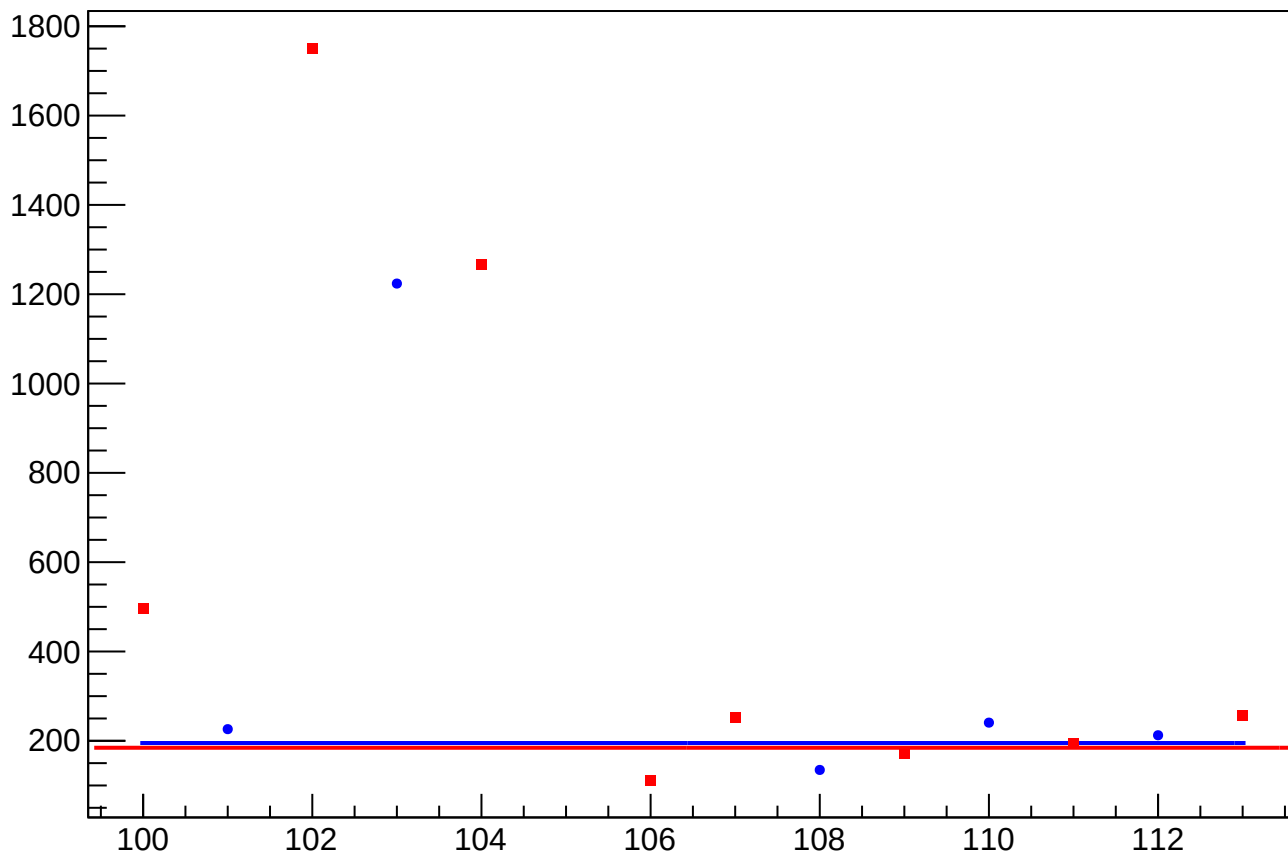
Right: 0.050+/-0.098 χ^2/NDF : 15.2/12

In: 0.036+/-0.142 χ^2/NDF : 3.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.050+/-0.098 χ^2/NDF : 15.2/12

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: 184.467+/-0.095 χ^2/NDF : 1770761.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

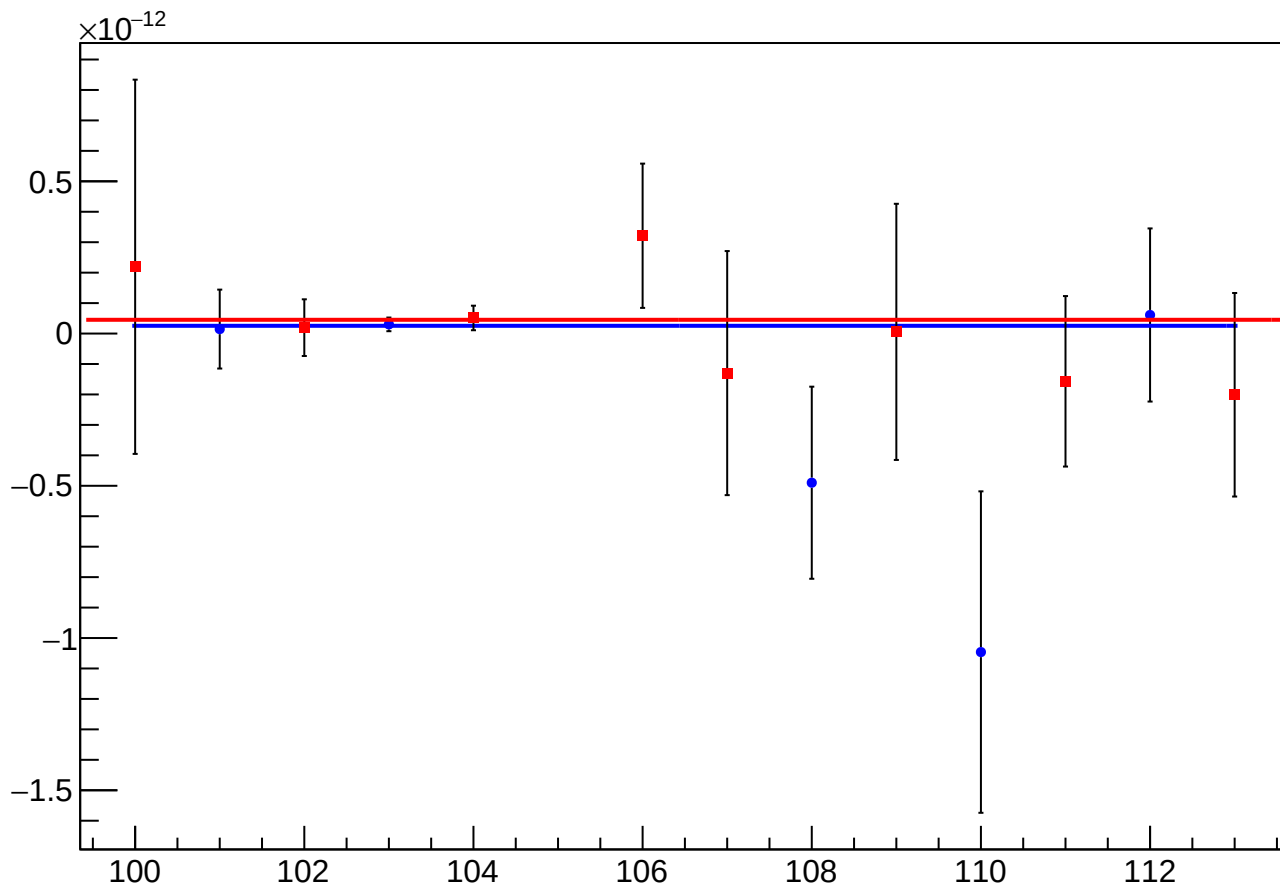
Right: 189.459+/-0.069 χ^2/NDF : 2829496.7/12

In: 195.066+/-0.100 χ^2/NDF : 1052848.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 189.459+/-0.069 χ^2/NDF : 2829496.7/12

asym_atl1r2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

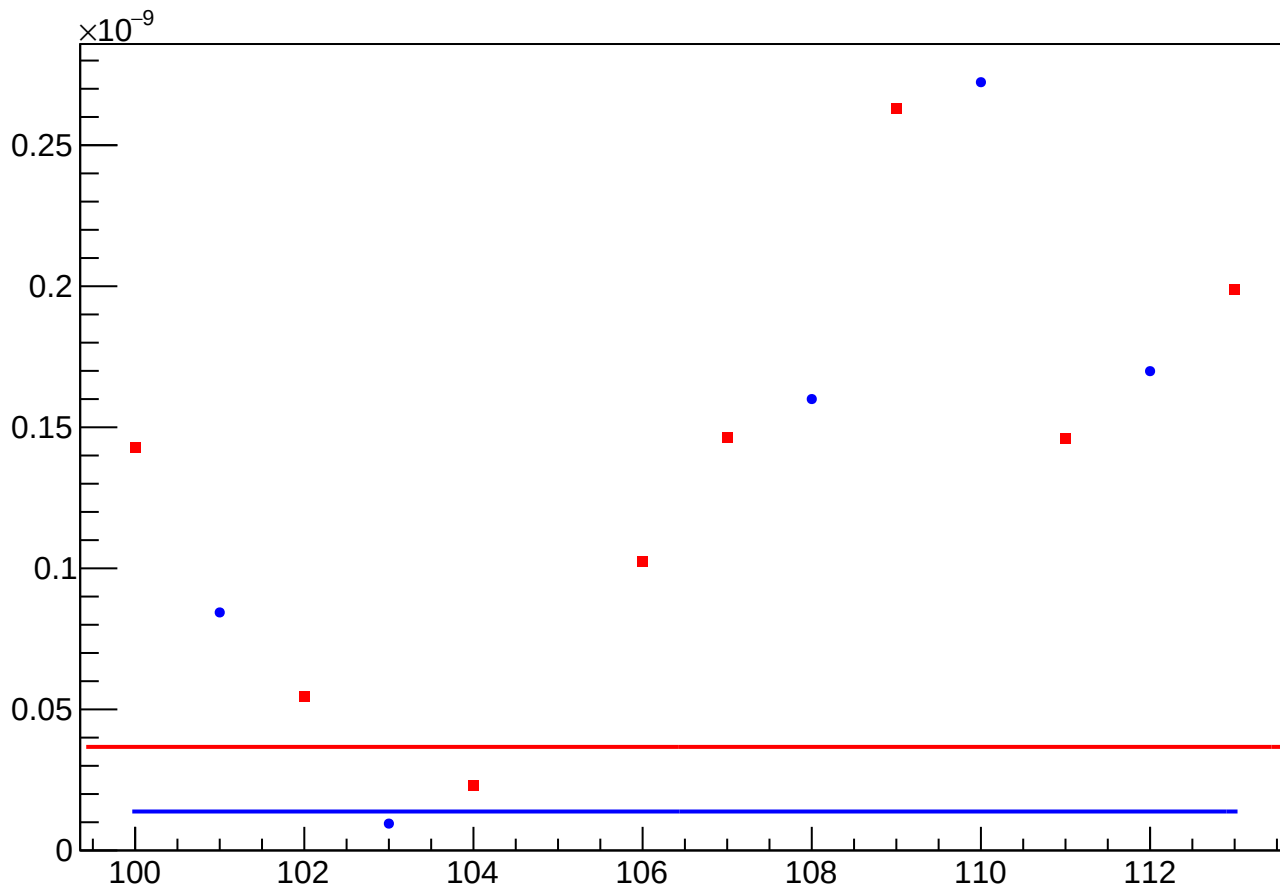
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.9/12

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.9/12

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 : 2017339.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

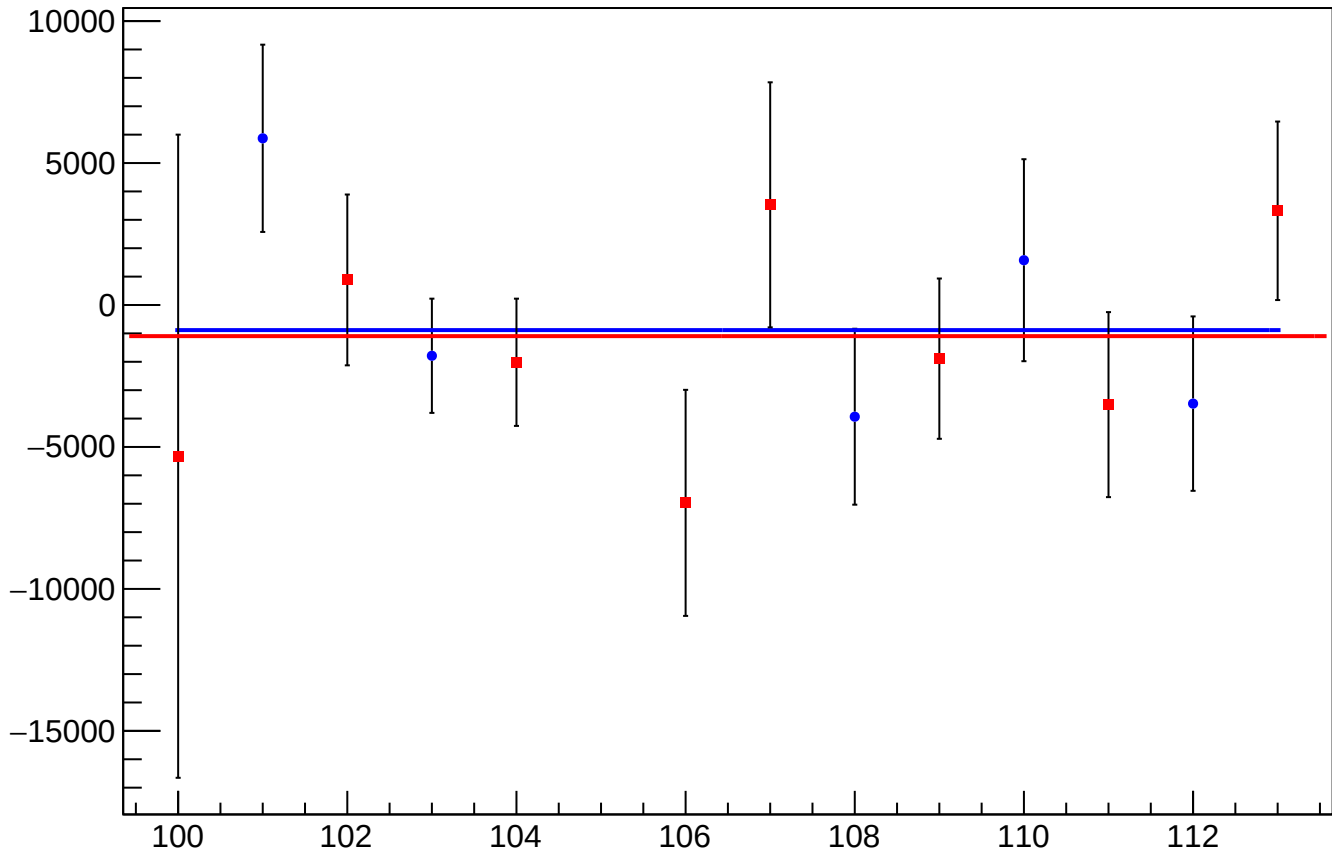
Right: 0.000+/-0.000 χ^2/NDF : 4792842.2/12

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 : 4792842.2/12

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: -1096.458+/-1150.806 χ^2/NDF : 6.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

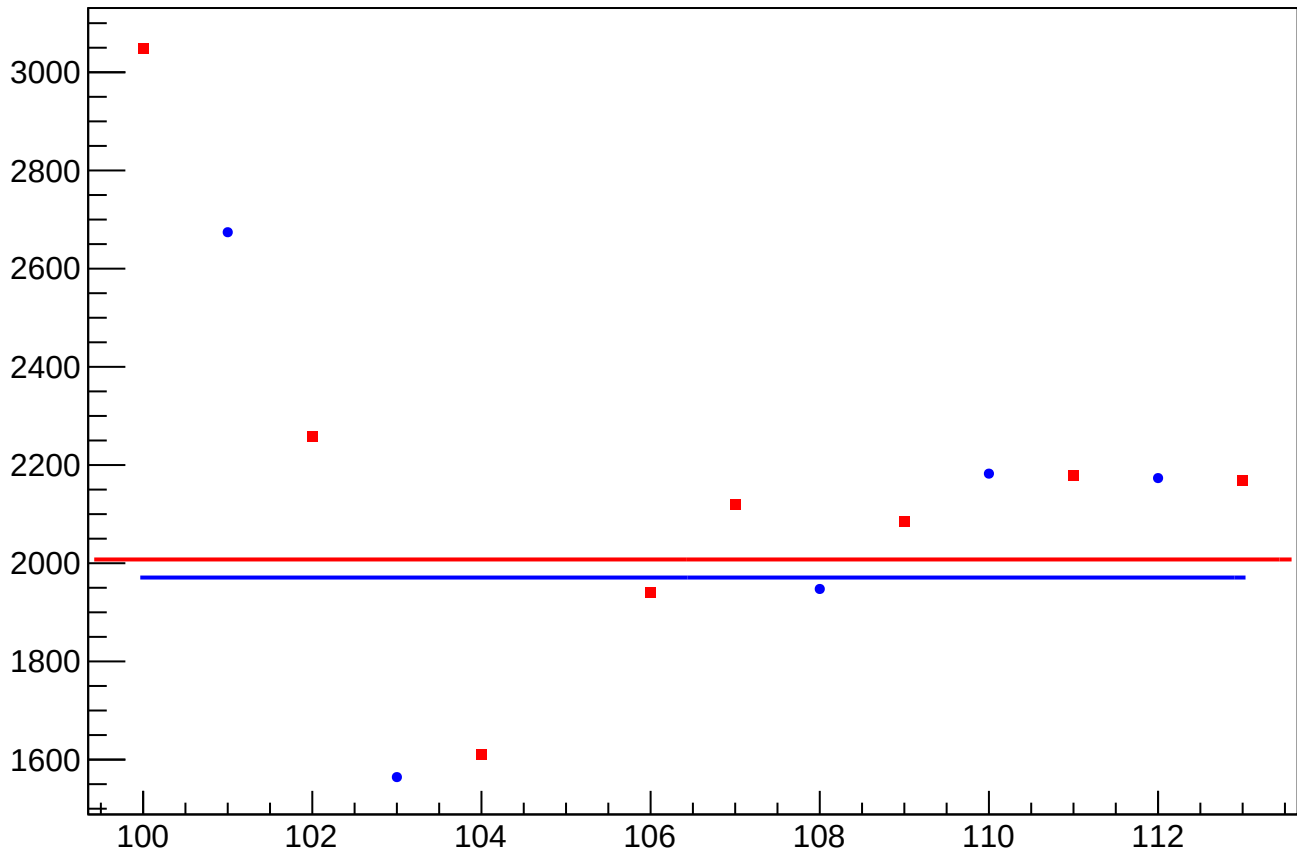
Right: -1000.060+/-850.224 χ^2/NDF : 13.2/12

In: -884.203+/-1261.617 χ^2/NDF : 6.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1000.060+/-850.224 χ^2/NDF : 13.2/12

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: 2007.651+/-0.809 χ^2/NDF : 108022.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

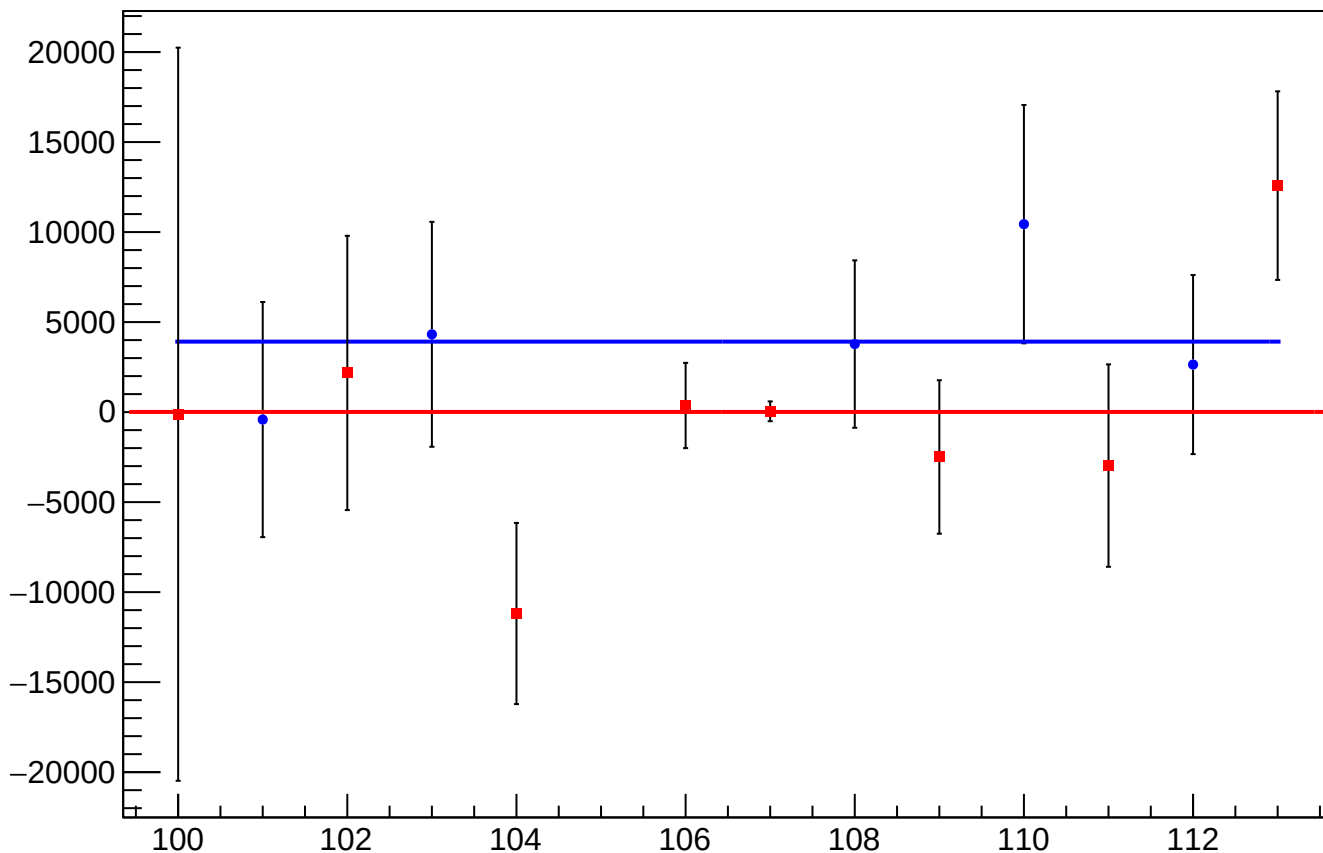
Right: 1991.047+/-0.599 χ^2/NDF : 297479.8/12

In: 1970.846+/-0.892 χ^2/NDF : 188522.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1991.047+/-0.599 χ^2/NDF : 297479.8/12

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: 9.796+/-522.601 χ^2/NDF : 11.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

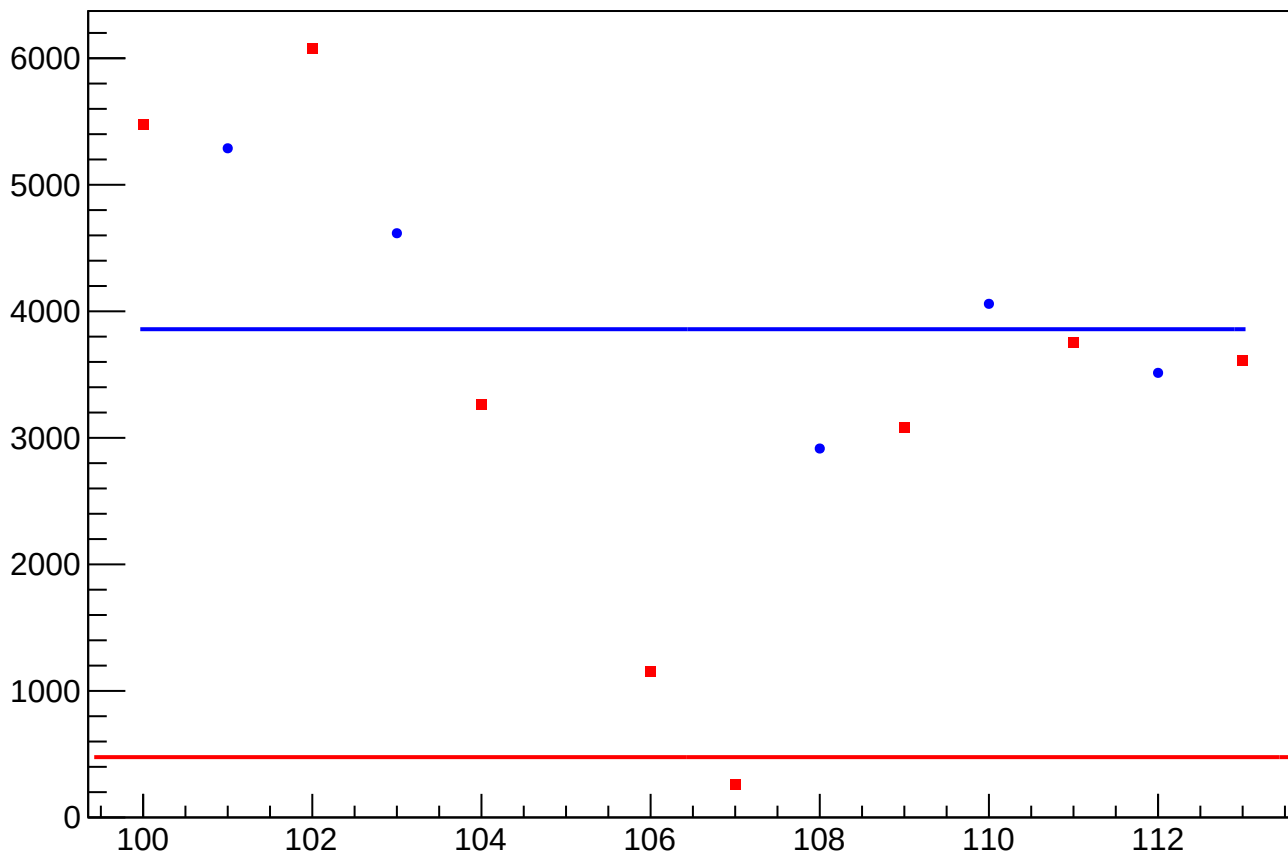
Right: 171.879+/-511.641 χ^2/NDF : 15.2/12

In: 3915.007+/-2511.421 χ^2/NDF : 1.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.879+/-511.641 χ^2/NDF : 15.2/12

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: 476.698+/-0.370 χ^2/NDF : 4420388.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

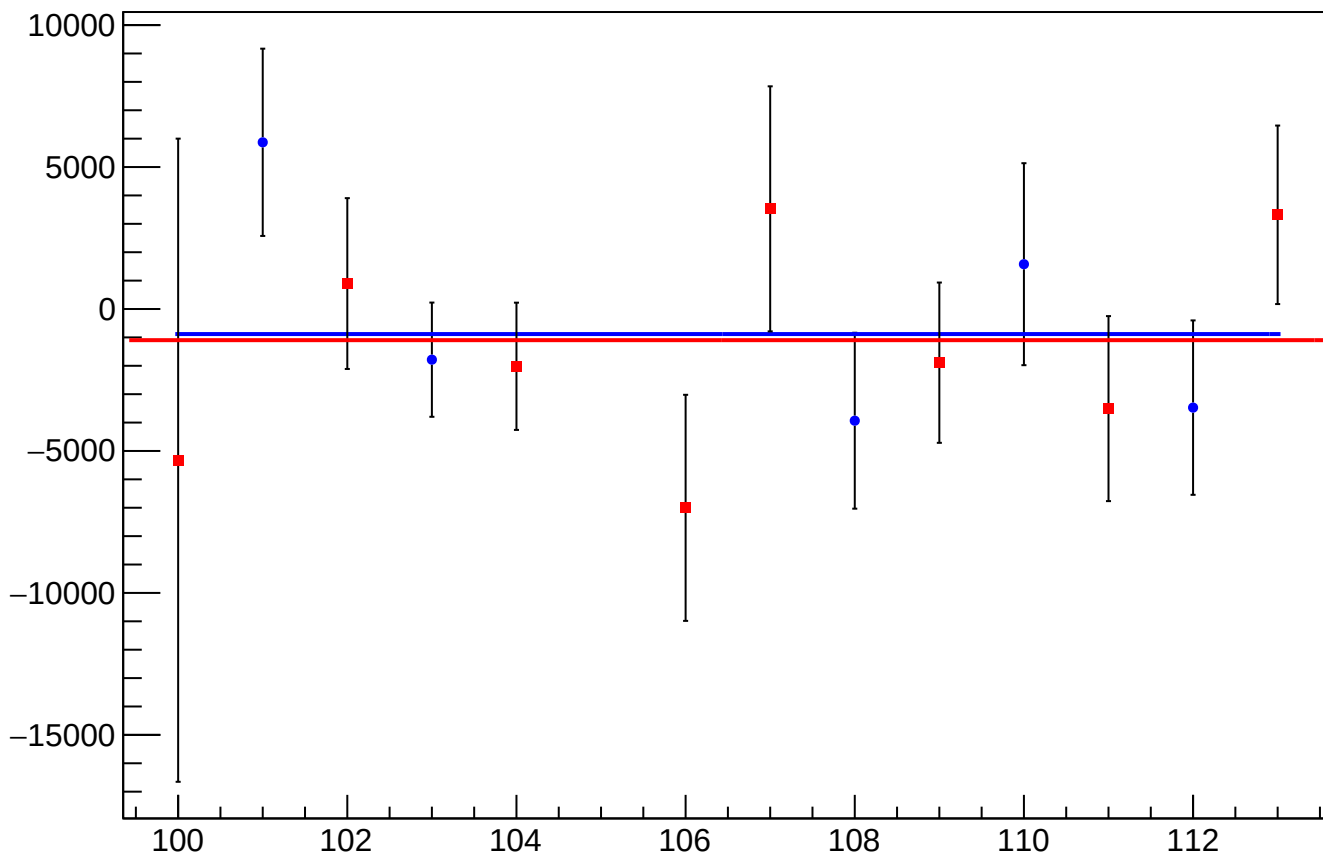
Right: 617.060+/-0.362 χ^2/NDF : 8115535.1/12

In: 3858.571+/-1.776 χ^2/NDF : 219019.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 617.060+/-0.362 χ^2/NDF : 8115535.1/12

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: -1097.452+/-1150.814 χ^2/NDF : 6.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

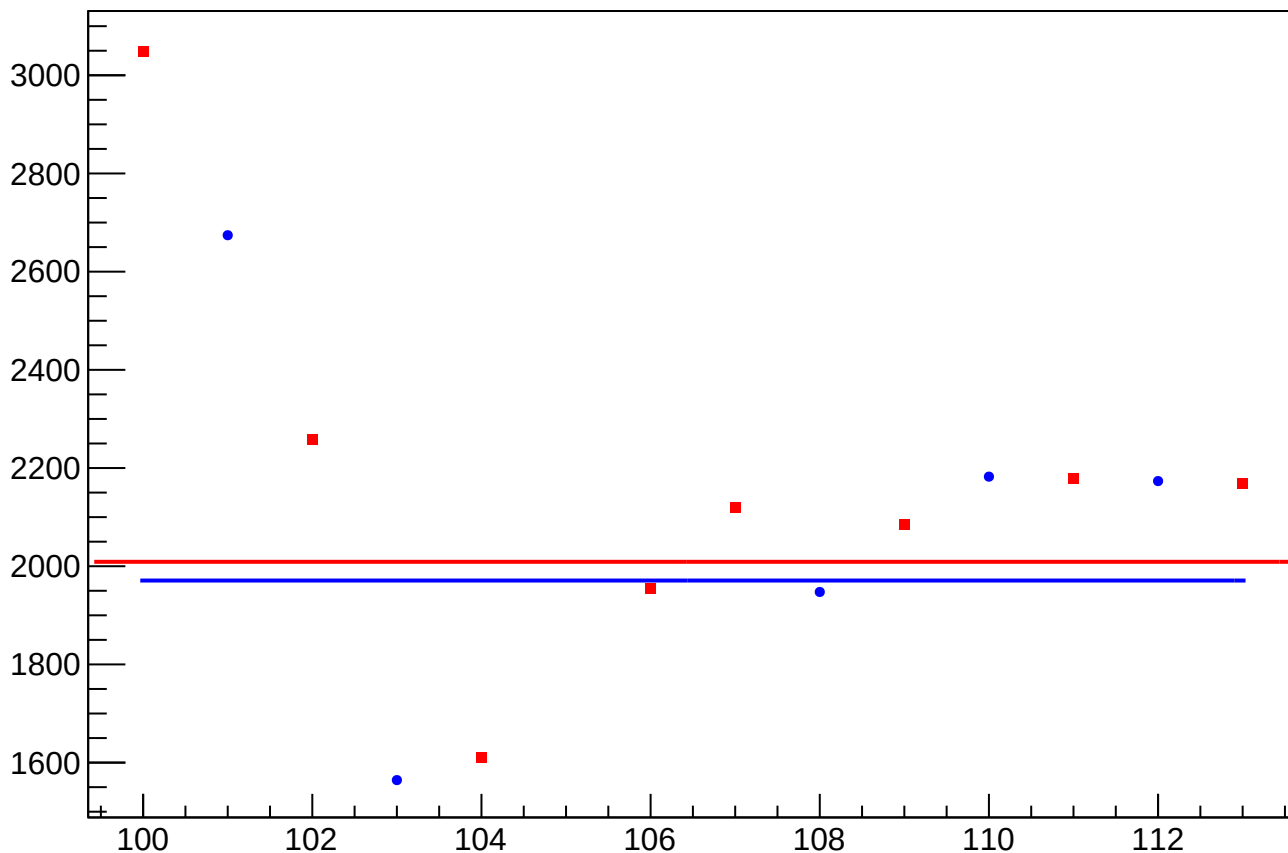
Right: -999.883+/-850.228 χ^2/NDF : 13.3/12

In: -882.621+/-1261.618 χ^2/NDF : 6.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -999.883+/-850.228 χ^2/NDF : 13.3/12

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: 2009.002+/-0.809 χ^2/NDF : 107778.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

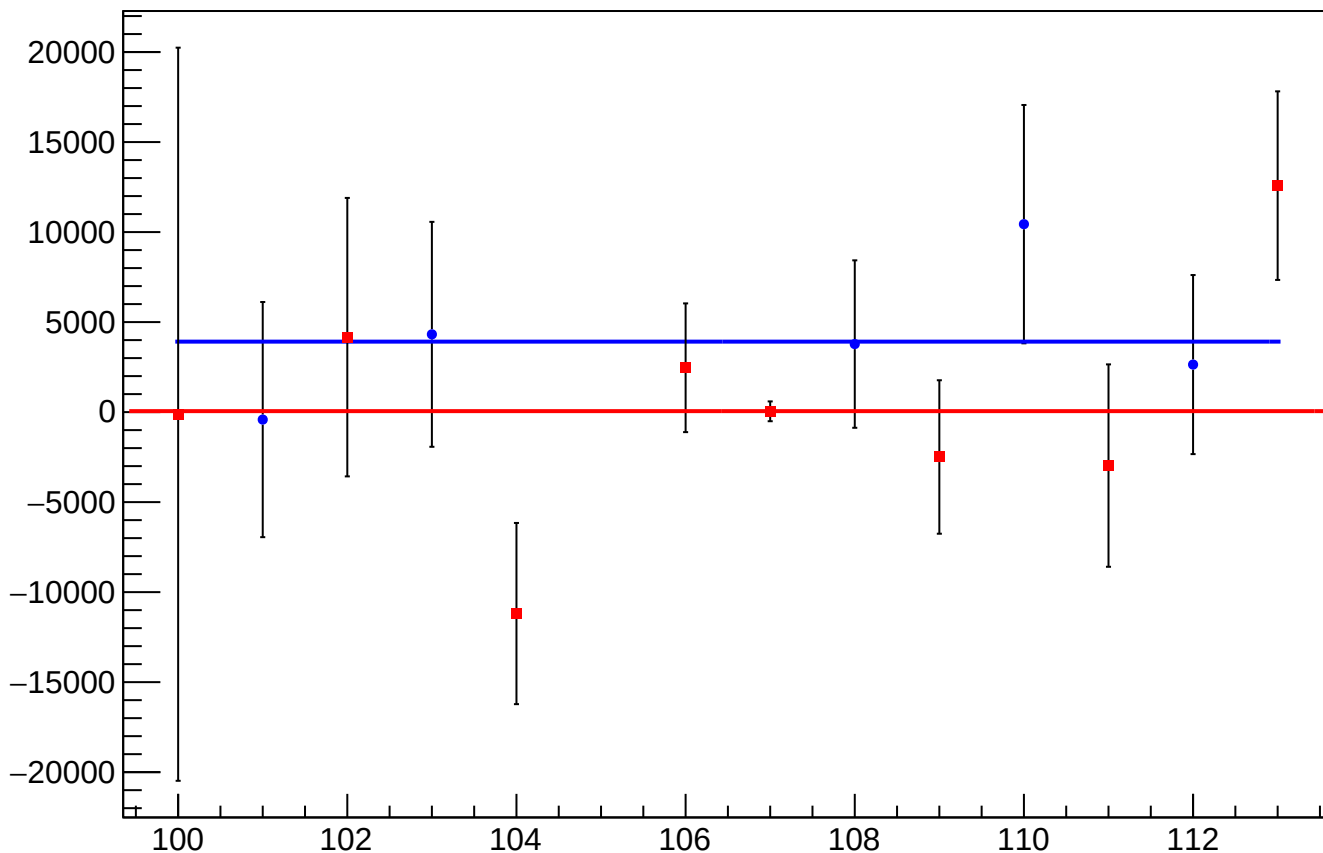
Right: 1991.778+/-0.599 χ^2/NDF : 297303.5/12

In: 1970.847+/-0.892 χ^2/NDF : 188521.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1991.778+/-0.599 χ^2/NDF : 297303.5/12

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: 54.245+/-529.892 χ^2/NDF : 12.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

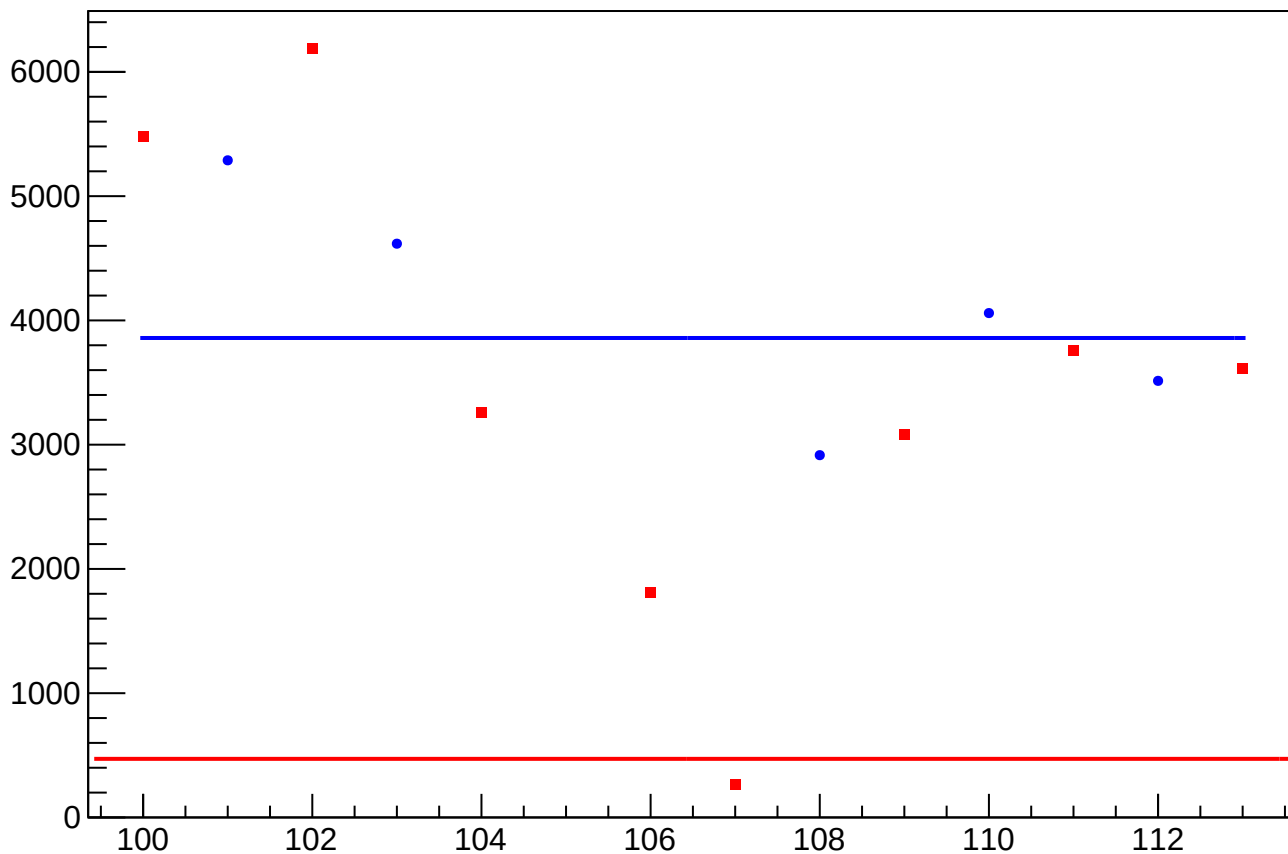
Right: 218.791+/-518.477 χ^2/NDF : 15.8/12

In: 3915.065+/-2511.451 χ^2/NDF : 1.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 218.791+/-518.477 χ^2/NDF : 15.8/12

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: 471.612+/-0.375 χ^2/NDF : 4542748.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

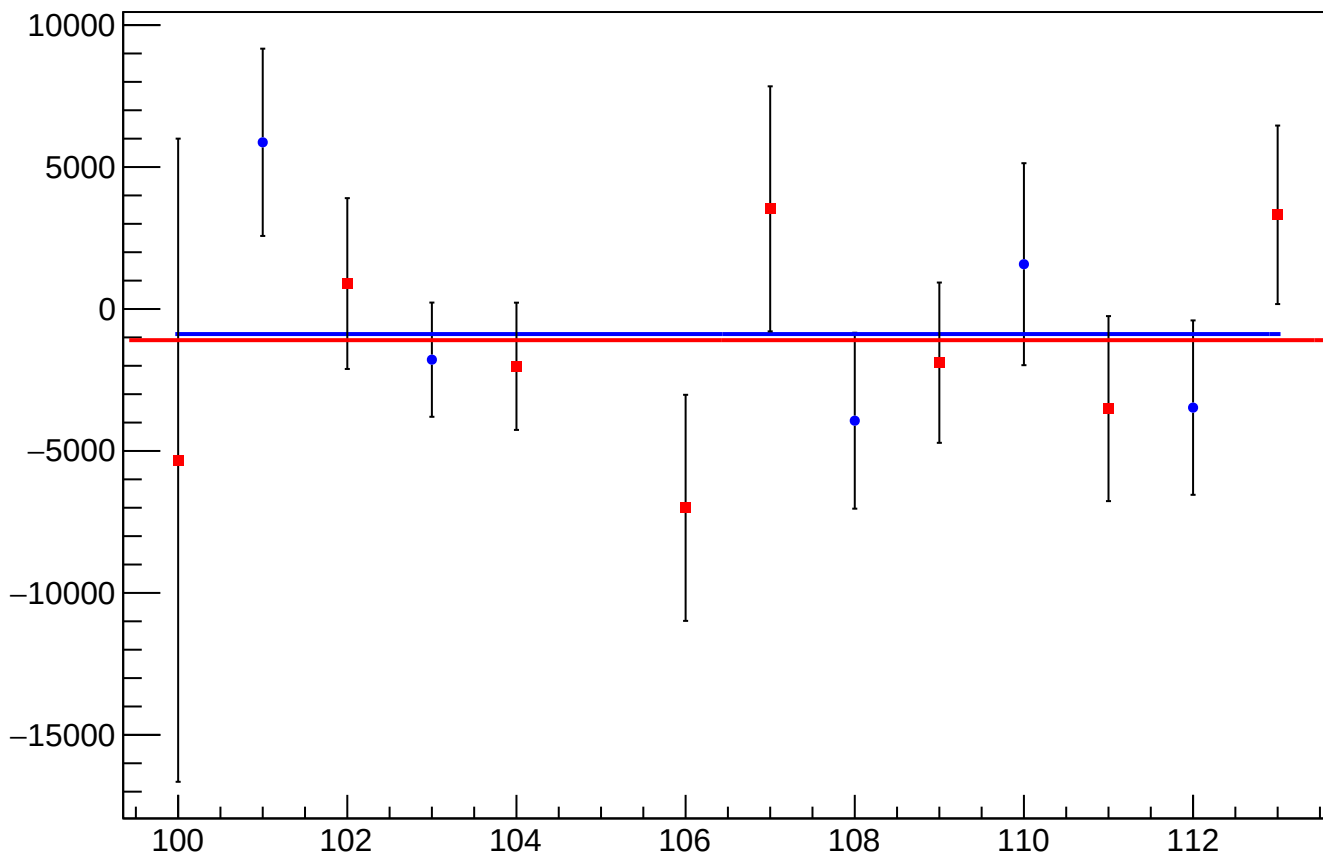
Right: 615.965+/-0.367 χ^2/NDF : 8244298.6/12

In: 3858.599+/-1.776 χ^2/NDF : 219041.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 615.965+/-0.367 χ^2/NDF : 8244298.6/12

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: -1097.452+/-1150.814 χ^2/NDF : 6.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

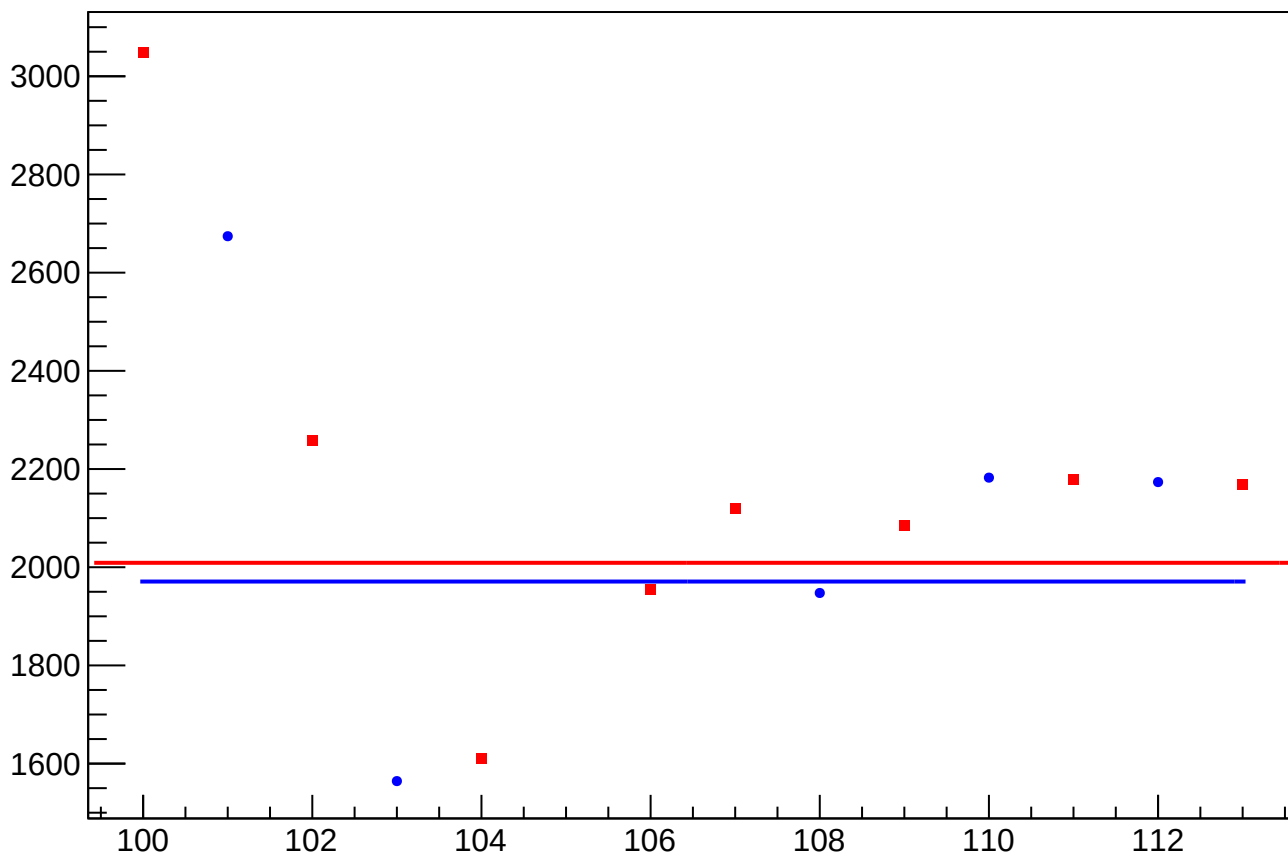
Right: -999.883+/-850.228 χ^2/NDF : 13.3/12

In: -882.621+/-1261.618 χ^2/NDF : 6.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -999.883+/-850.228 χ^2/NDF : 13.3/12

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: 2009.002+/-0.809 χ^2/NDF : 107778.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

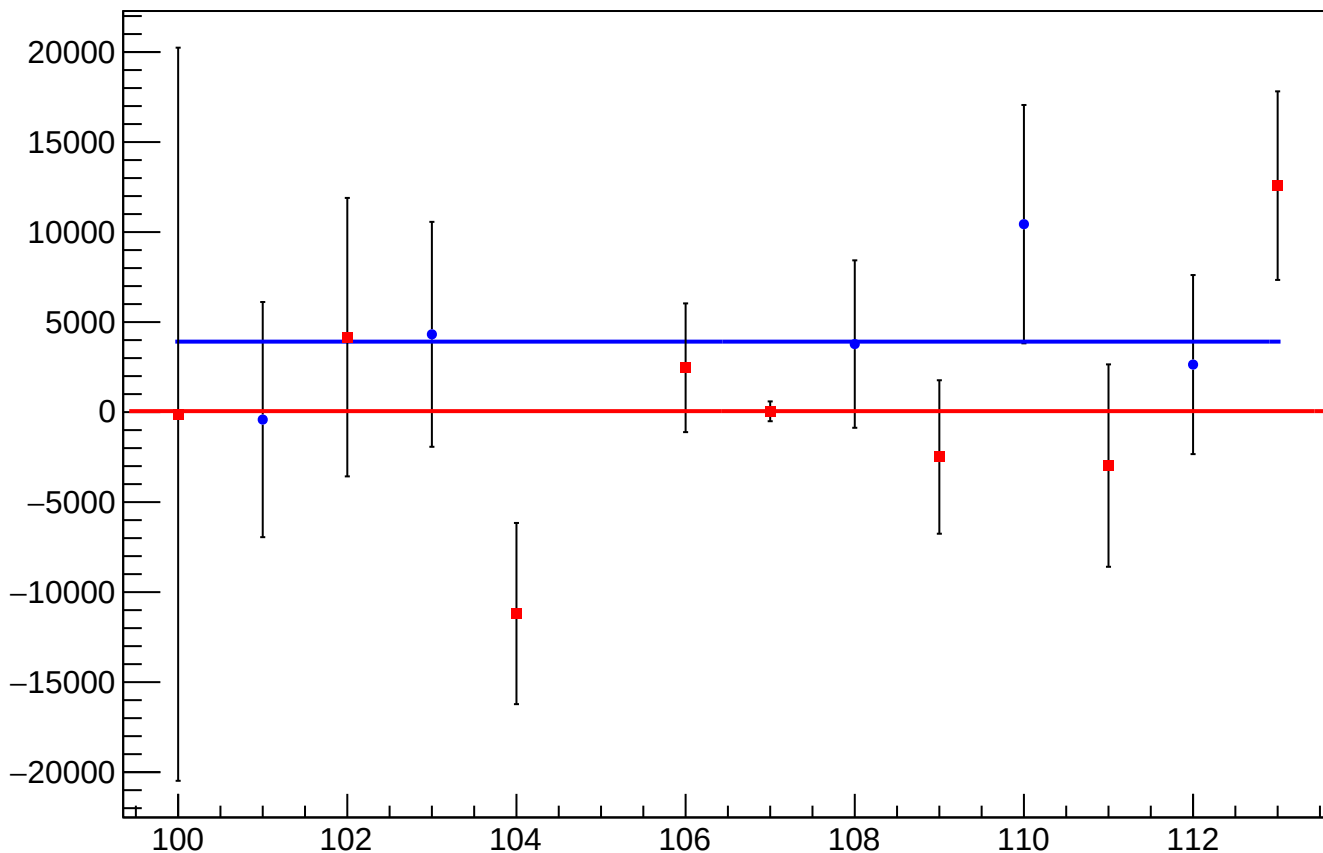
Right: 1991.778+/-0.599 χ^2/NDF : 297303.5/12

In: 1970.847+/-0.892 χ^2/NDF : 188521.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1991.778+/-0.599 χ^2/NDF : 297303.5/12

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: 54.245+/-529.892 χ^2/NDF : 12.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

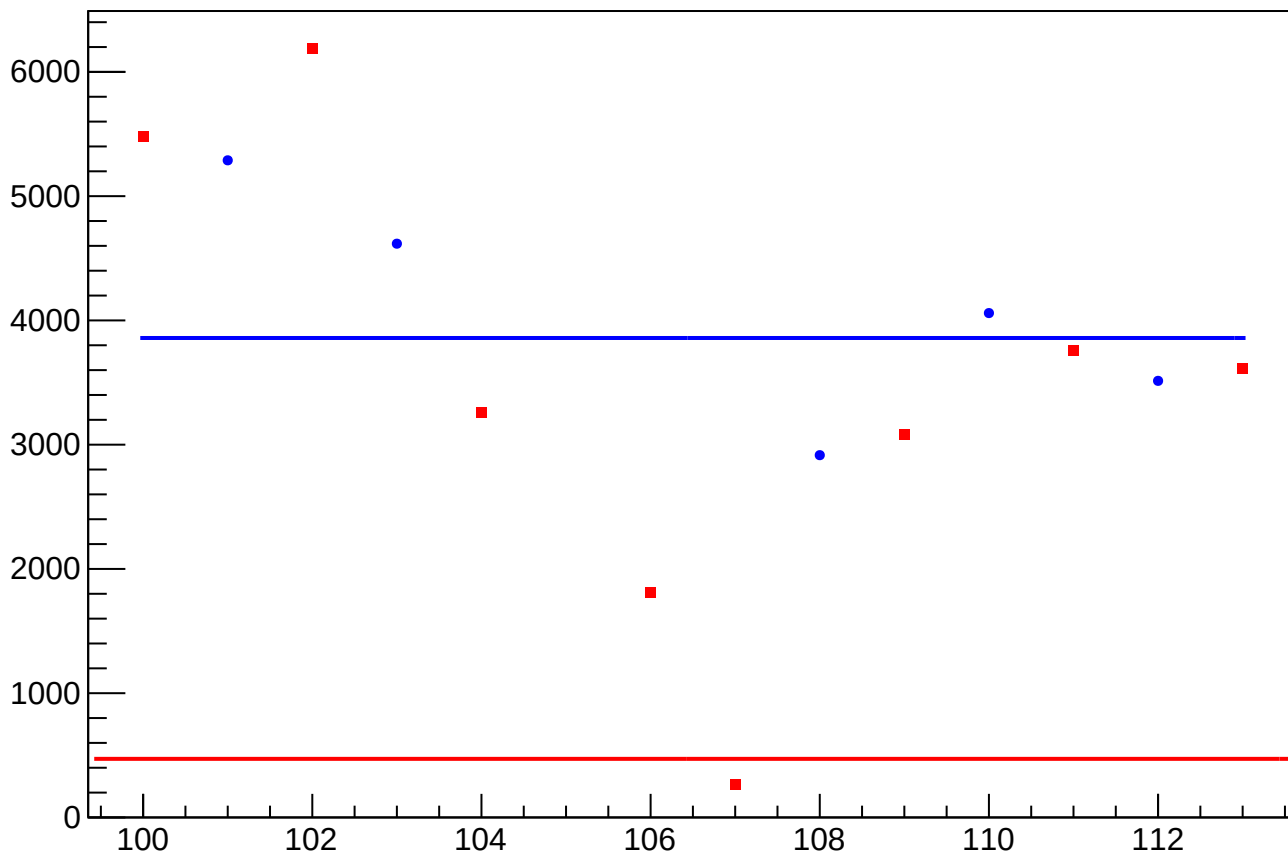
Right: 218.791+/-518.477 χ^2/NDF : 15.8/12

In: 3915.065+/-2511.451 χ^2/NDF : 1.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 218.791+/-518.477 χ^2/NDF : 15.8/12

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: 471.612+/-0.375 χ^2/NDF : 4542748.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

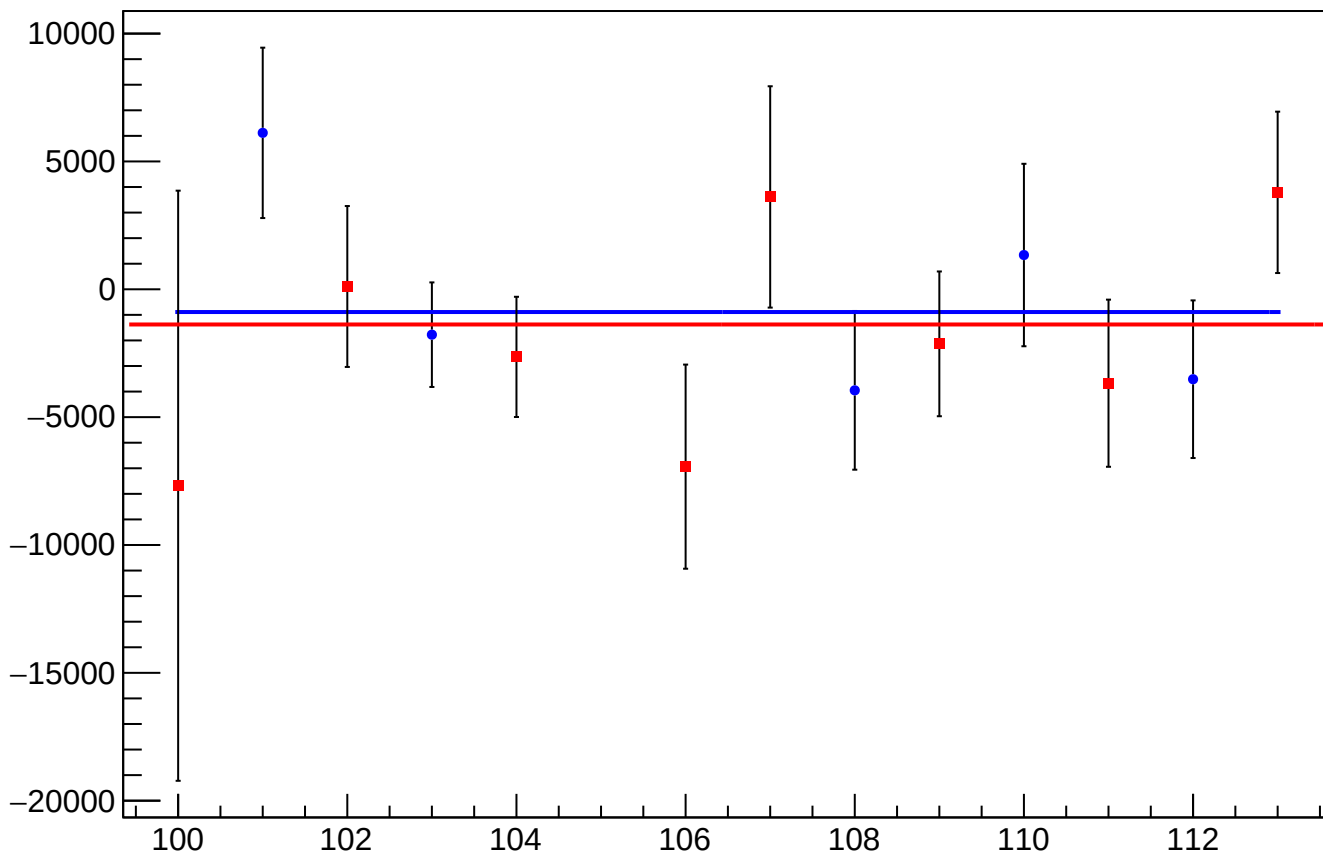
Right: 615.965+/-0.367 χ^2/NDF : 8244298.6/12

In: 3858.599+/-1.776 χ^2/NDF : 219041.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 615.965+/-0.367 χ^2/NDF : 8244298.6/12

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: -1376.109+/-1174.927 χ^2/NDF : 7.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

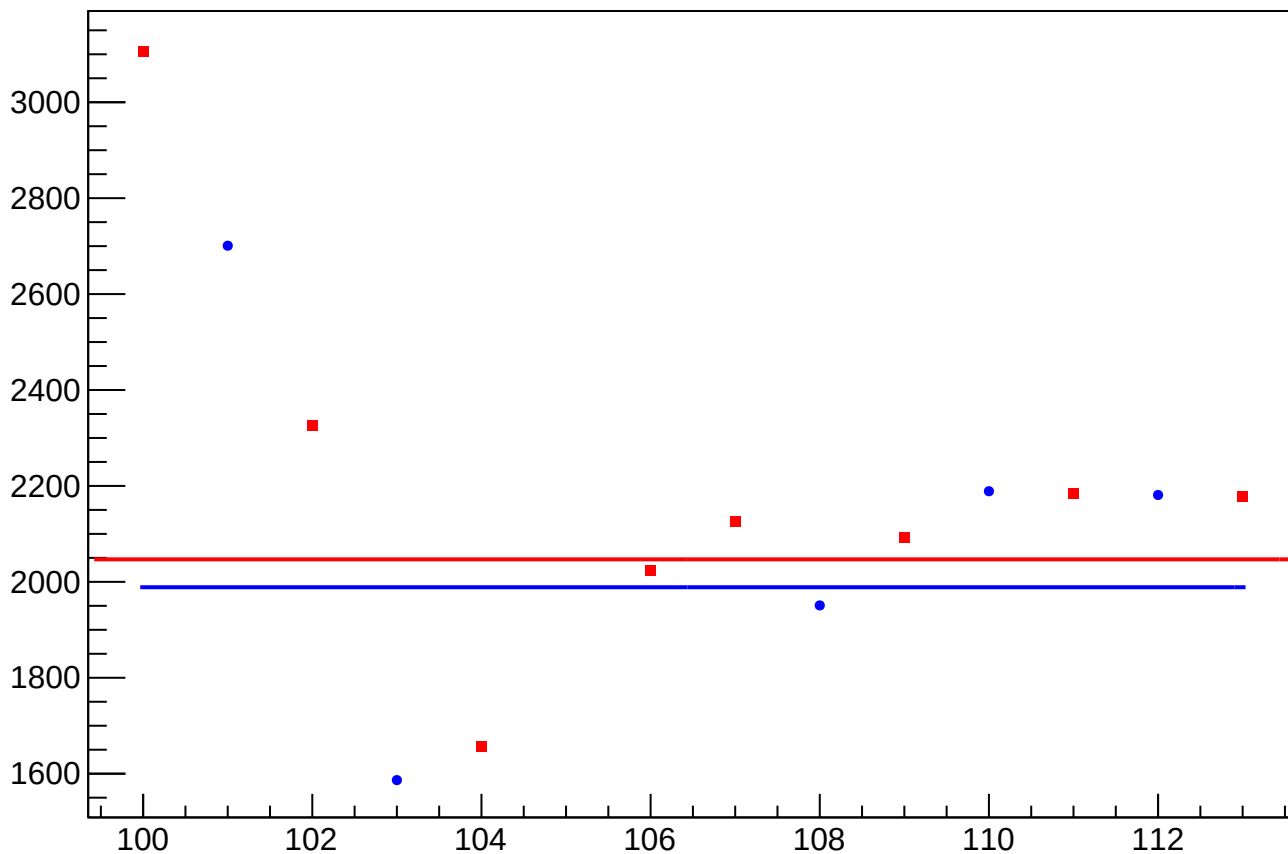
Right: -1152.168+/-863.432 χ^2/NDF : 14.1/12

In: -889.227+/-1273.131 χ^2/NDF : 6.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1152.168+/-863.432 χ^2/NDF : 14.1/12

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: 2046.931+/-0.829 χ^2/NDF : 95761.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

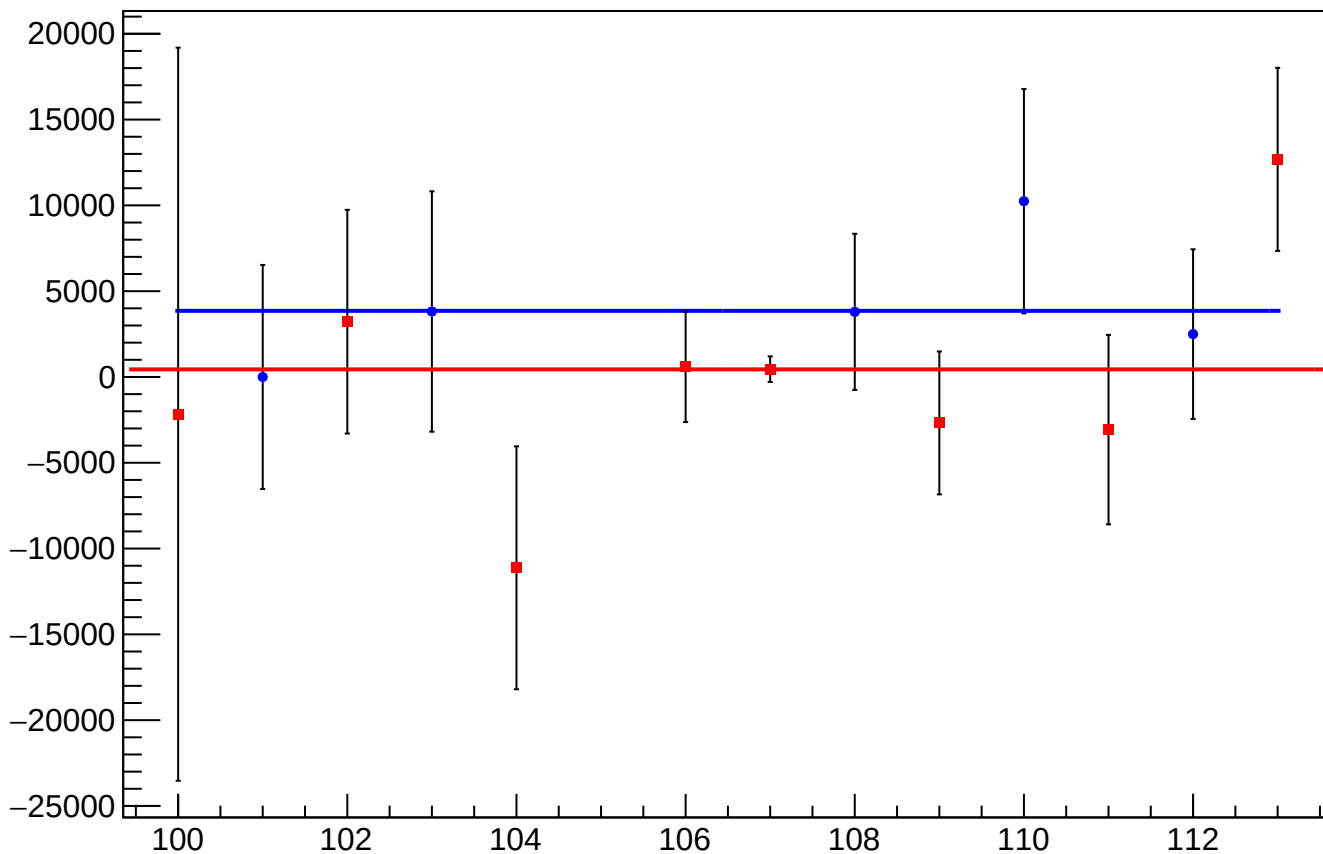
Right: 2020.242+/-0.610 χ^2/NDF : 281146.1/12

In: 1988.758+/-0.900 χ^2/NDF : 183124.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2020.242+/-0.610 χ^2/NDF : 281146.1/12

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: 442.108 $\pm$ -695.718 χ^2 /NDF: 9.1/7

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

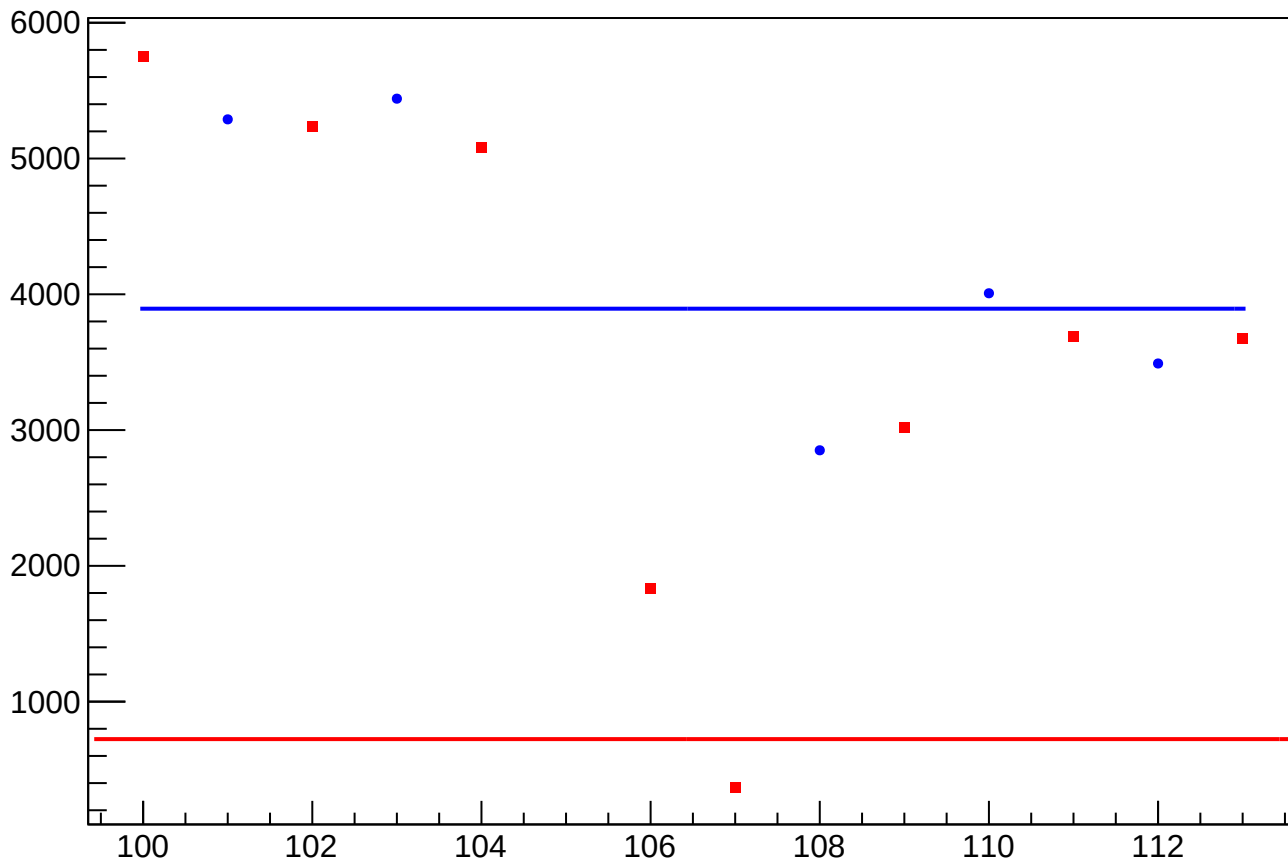
Right: 682.302 $\pm$ -670.781 χ^2 /NDF: 12.2/12

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: 682.302 $\pm$ -670.781 χ^2 /NDF: 12.2/12

asym_atl1r2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3893.997 $\pm$ 1.788 χ^2 /NDF: 307745.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 723.924 $\pm$ 0.492 χ^2 /NDF: 4317672.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

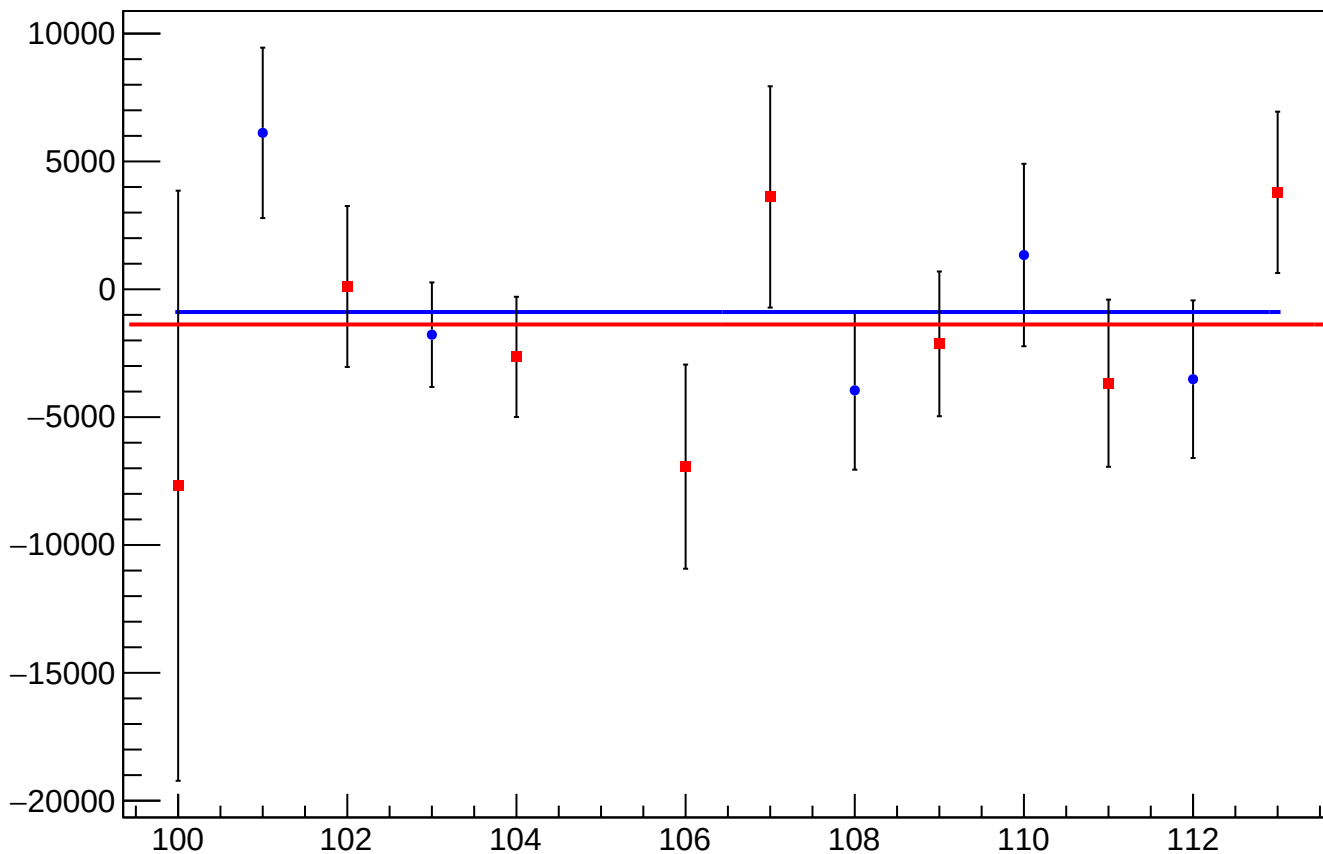
Right: 947.104 $\pm$ 0.474 χ^2 /NDF: 7548818.2/12

In: 3893.997 $\pm$ 1.788 χ^2 /NDF:307745.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 947.104 $\pm$ 0.474 χ^2 /NDF: 7548818.2/12

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: -1376.118+/-1174.928 χ^2/NDF : 7.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

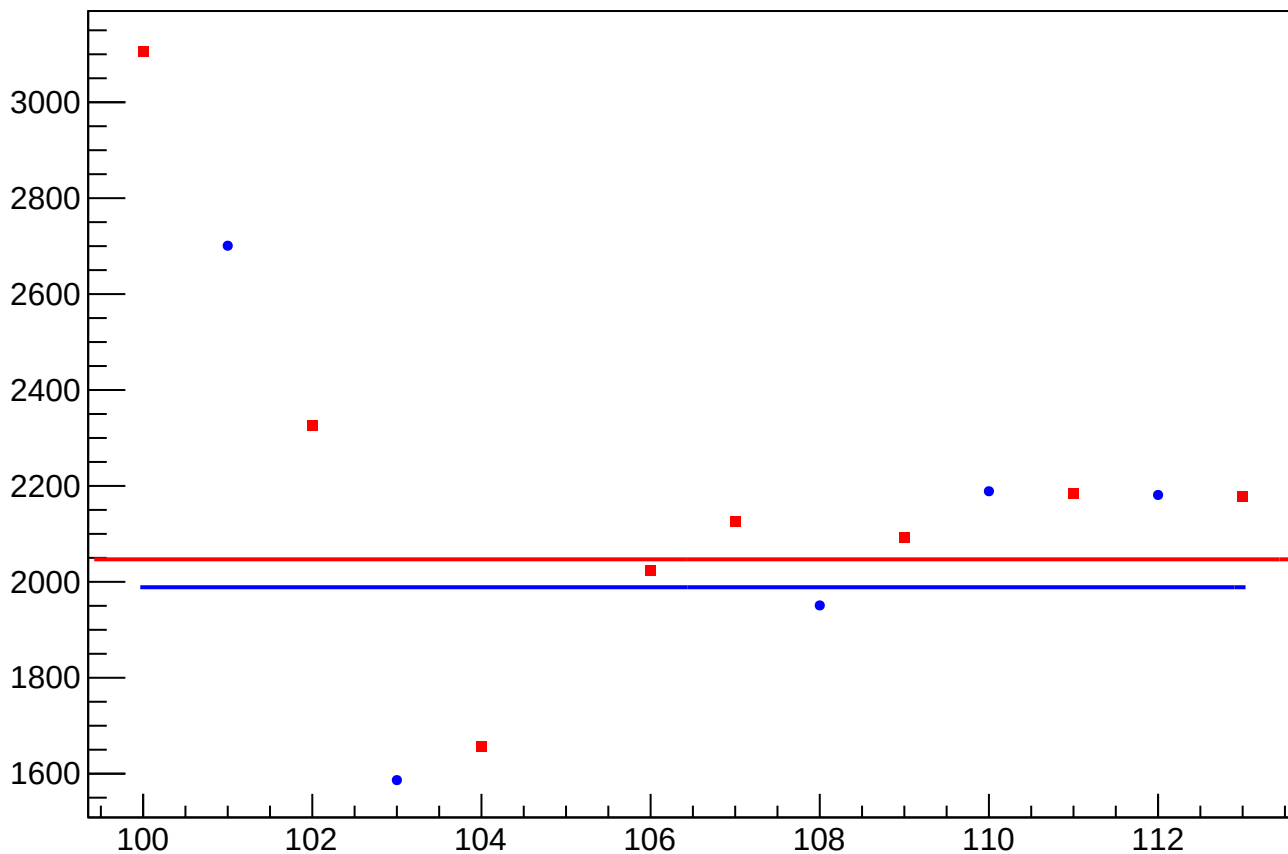
Right: -1152.172+/-863.432 χ^2/NDF : 14.1/12

In: -889.227+/-1273.131 χ^2/NDF : 6.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1152.172+/-863.432 χ^2/NDF : 14.1/12

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: 2046.931+/-0.829 χ^2/NDF : 95761.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

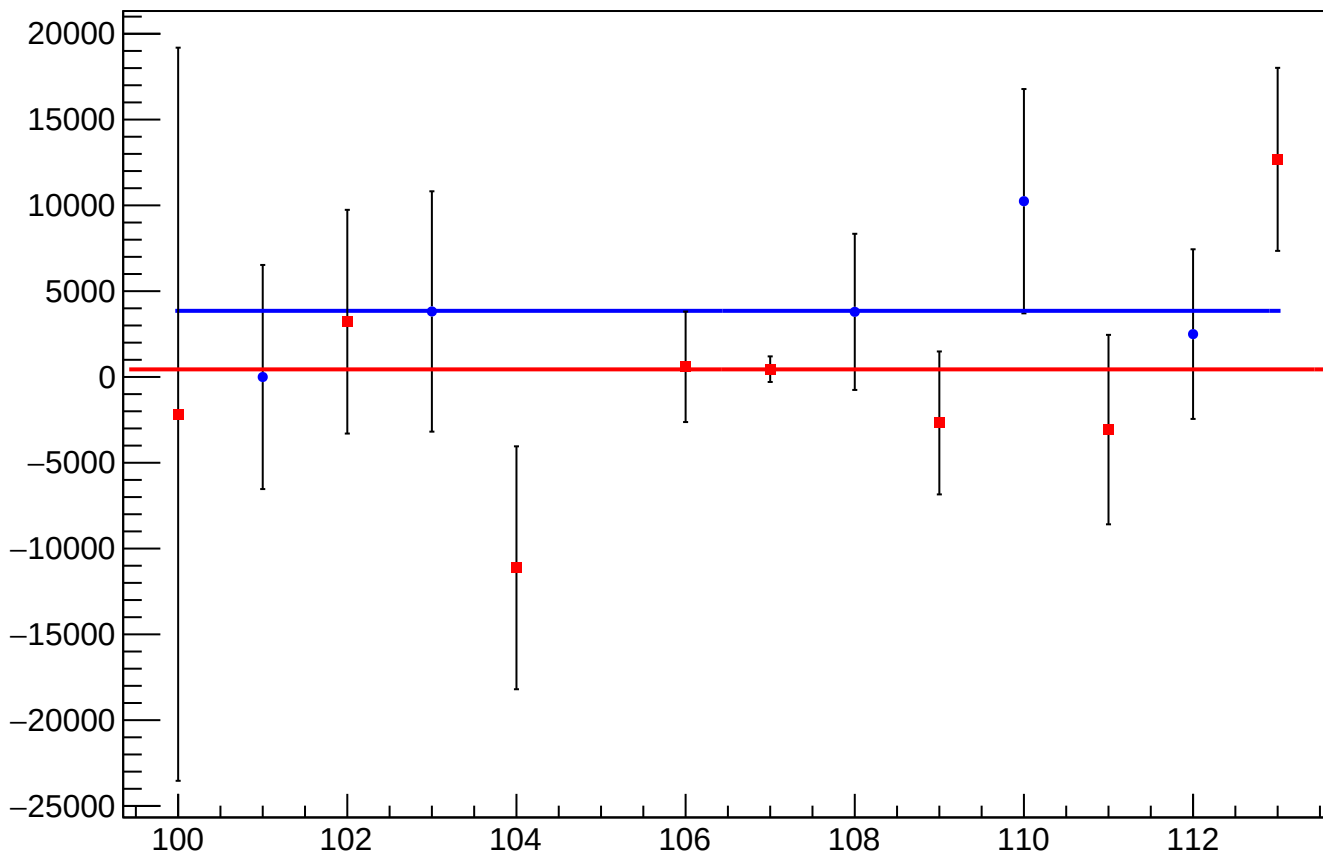
Right: 2020.242+/-0.610 χ^2/NDF : 281145.9/12

In: 1988.758+/-0.900 χ^2/NDF : 183124.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2020.242+/-0.610 χ^2/NDF : 281145.9/12

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: 442.115 $\pm$ 695.731 χ^2 /NDF: 9.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

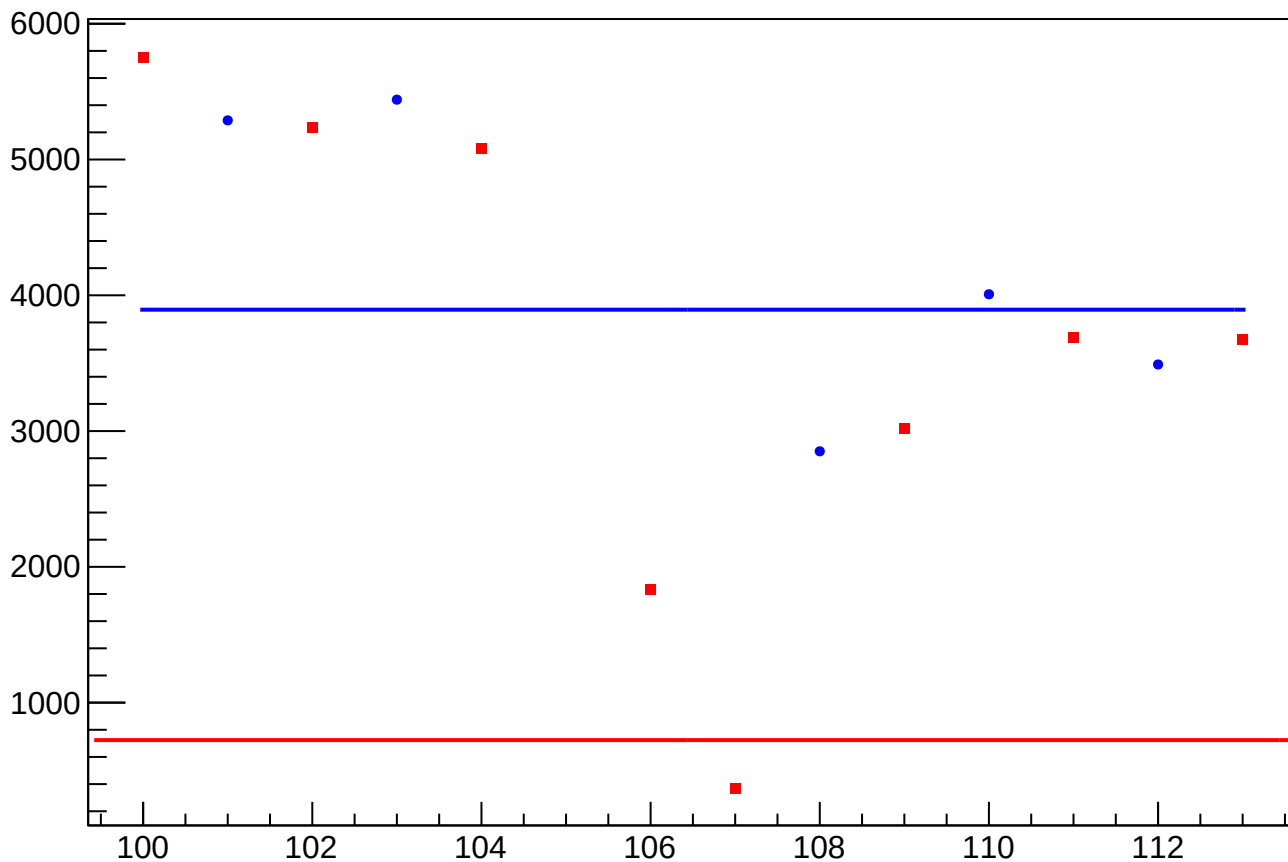
Right: 682.317 $\pm$ 670.792 χ^2 /NDF: 12.2/12

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: 682.317 $\pm$ 670.792 χ^2 /NDF: 12.2/12

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: 723.945+/-0.492 χ^2/NDF : 4317629.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

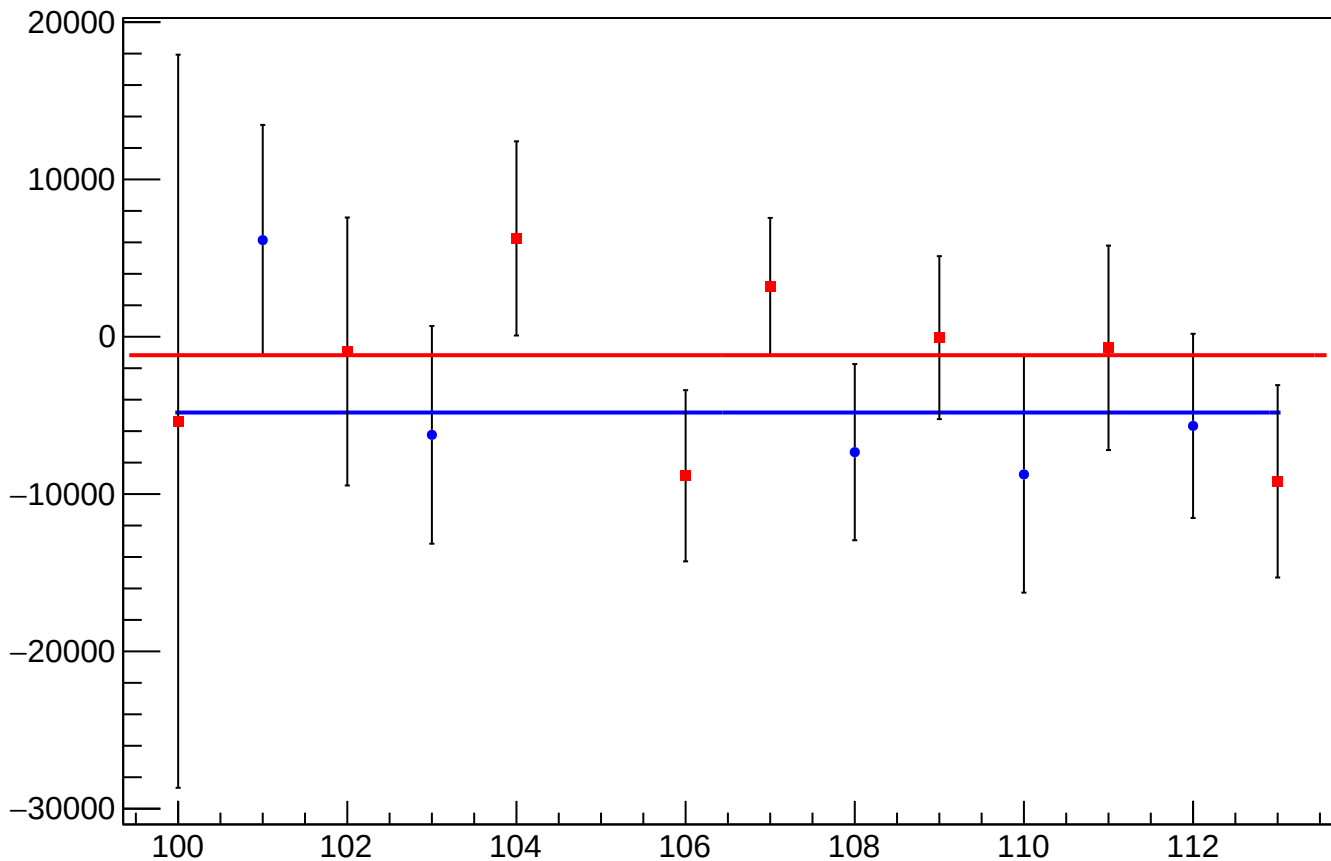
Right: 947.131+/-0.474 χ^2/NDF : 7548728.4/12

In: 3893.995+/-1.788 χ^2/NDF : 307744.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 947.131+/-0.474 χ^2/NDF : 7548728.4/12

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: -1172.056+/-2151.595 χ^2/NDF : 6.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

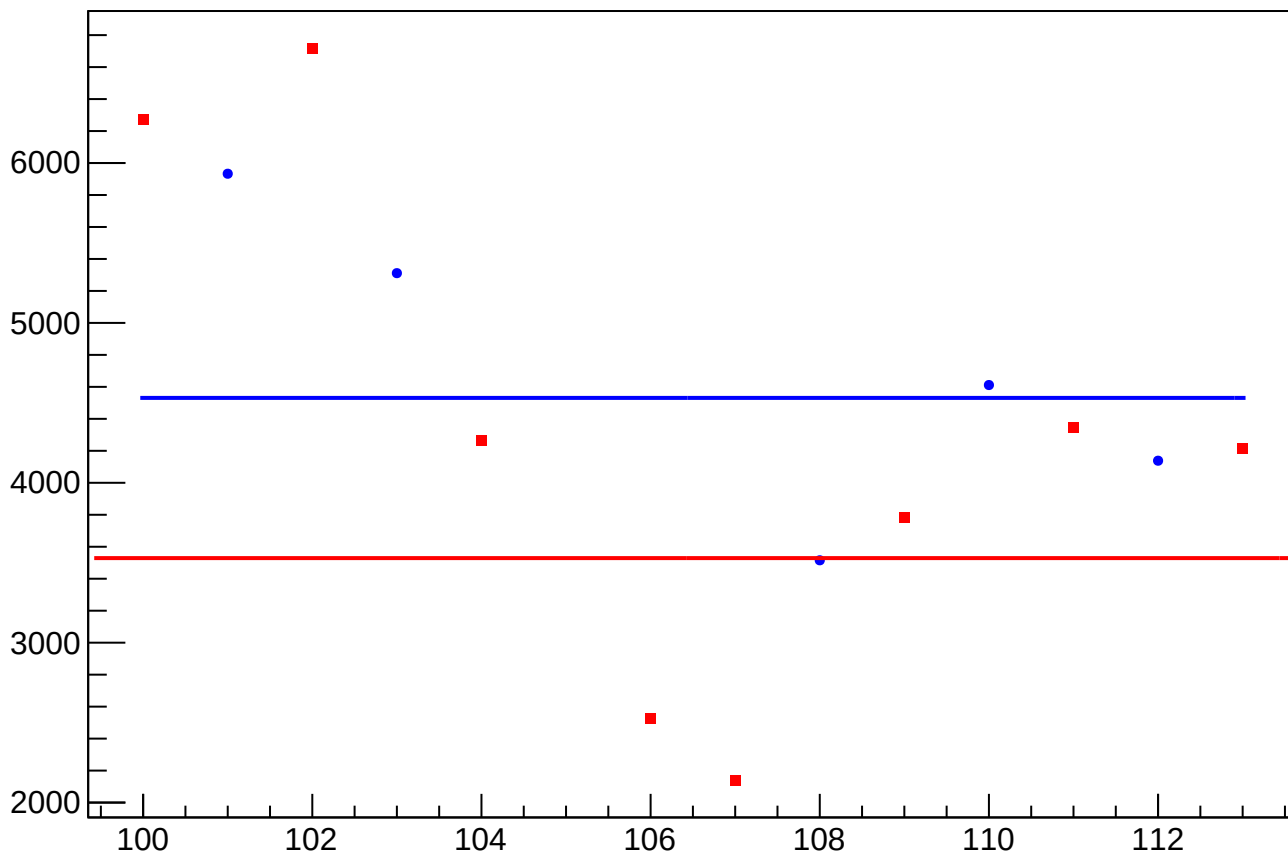
Right: -2461.689+/-1729.536 χ^2/NDF : 10.0/12

In: -4816.706+/-2907.532 χ^2/NDF : 2.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2461.689+/-1729.536 χ^2/NDF : 10.0/12

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: 3528.989+/-1.493 χ^2/NDF : 685731.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

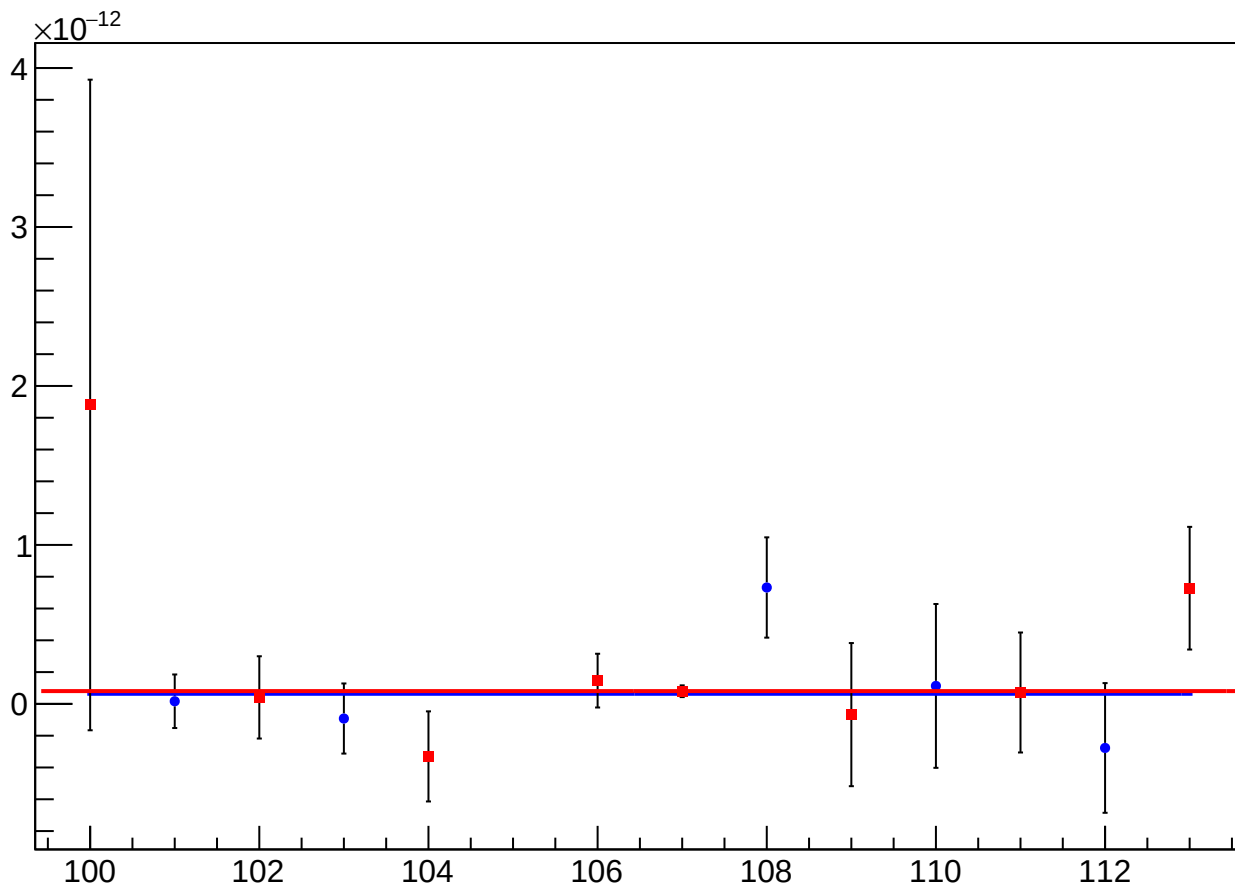
Right: 3874.837+/-1.208 χ^2/NDF : 1015025.4/12

In: 4530.991+/-2.056 χ^2/NDF : 173748.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3874.837+/-1.208 χ^2/NDF : 1015025.4/12

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 : 6.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

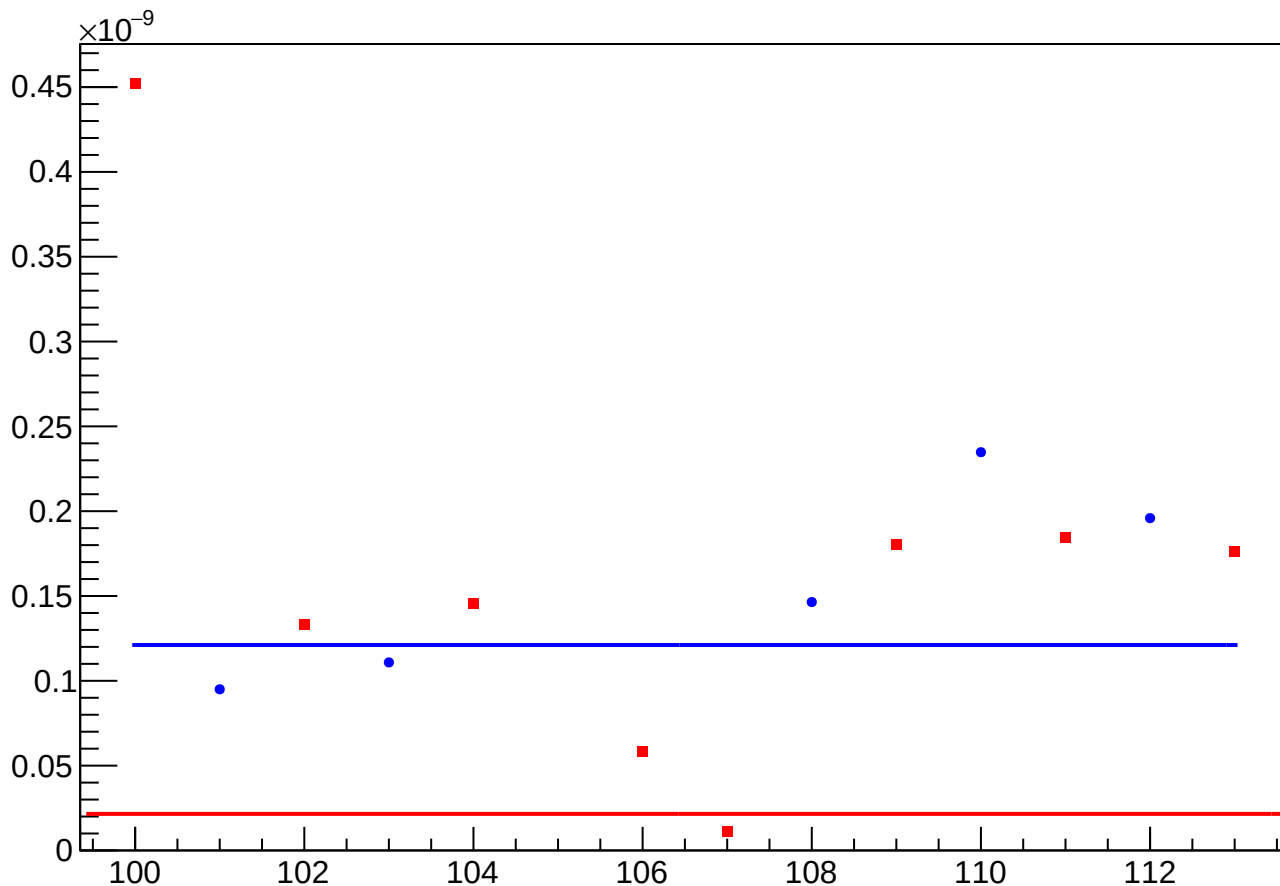
Right: 0.000+/-0.000 χ^2/NDF : 11.8/12

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 : 11.8/12

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 : 2034739.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

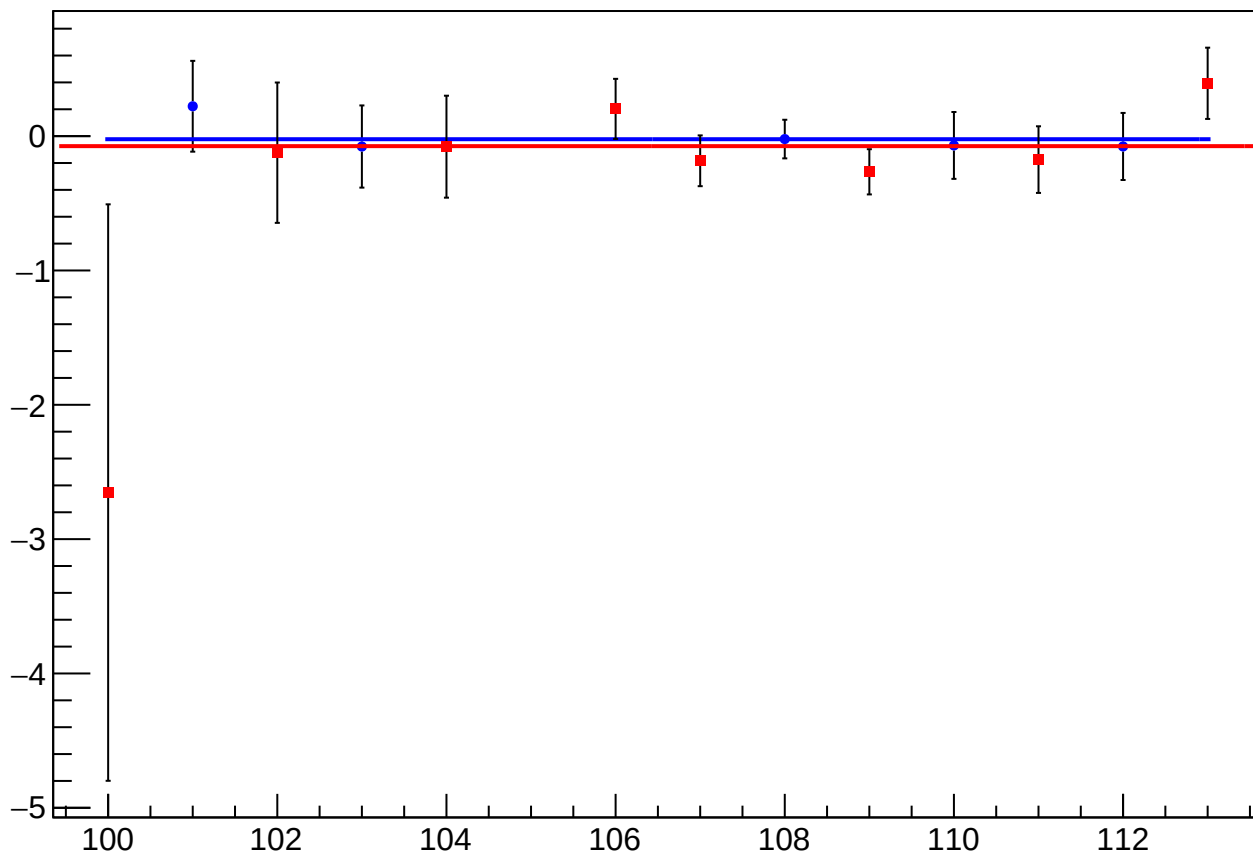
Right: 0.000+/-0.000 χ^2/NDF : 3636702.7/12

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 : 3636702.7/12

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: -0.074 ± 0.090 χ^2/NDF : 7.9/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

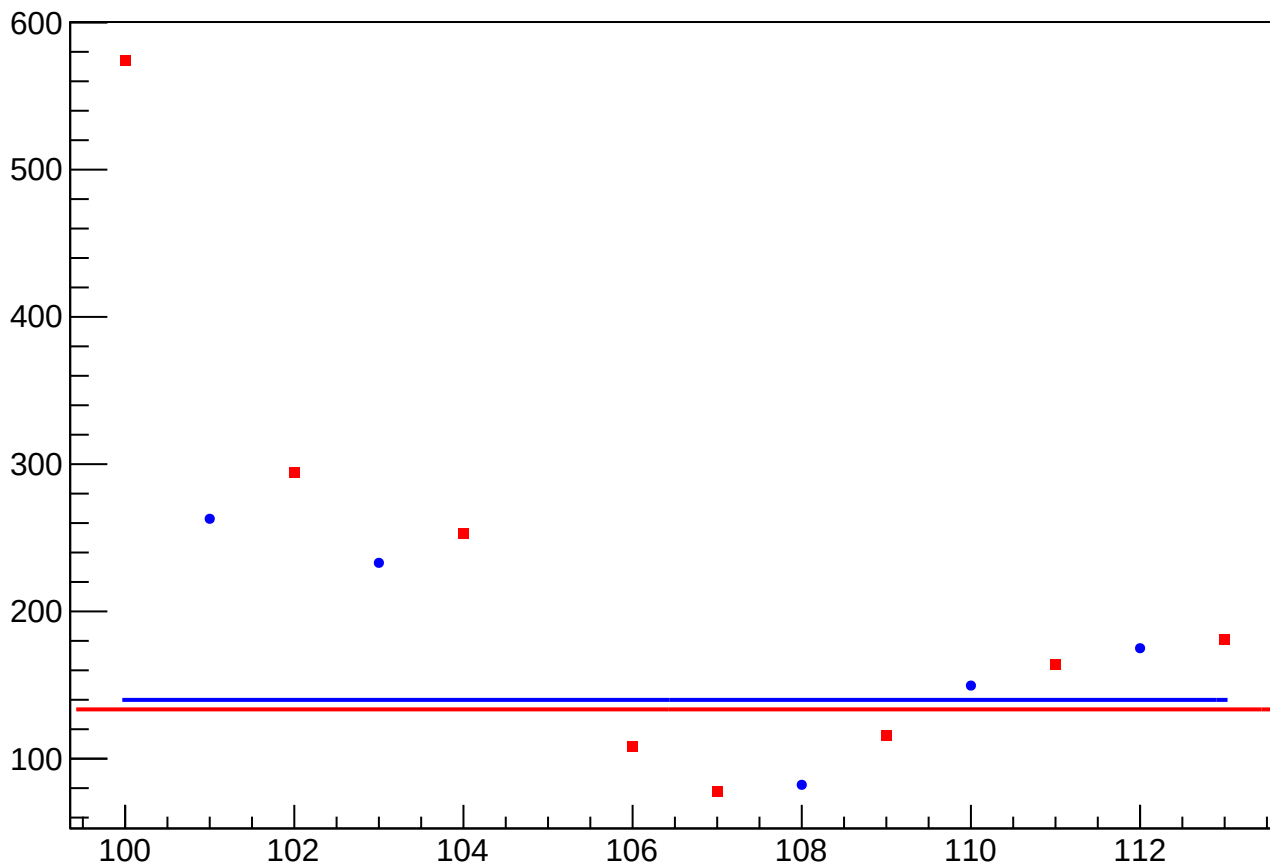
Right: -0.051 ± 0.067 χ^2/NDF : 8.7/12

In: -0.023 ± 0.100 χ^2/NDF : 0.6/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.051 ± 0.067 χ^2/NDF : 8.7/12

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: 133.467+/-0.063 χ^2/NDF : 790611.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

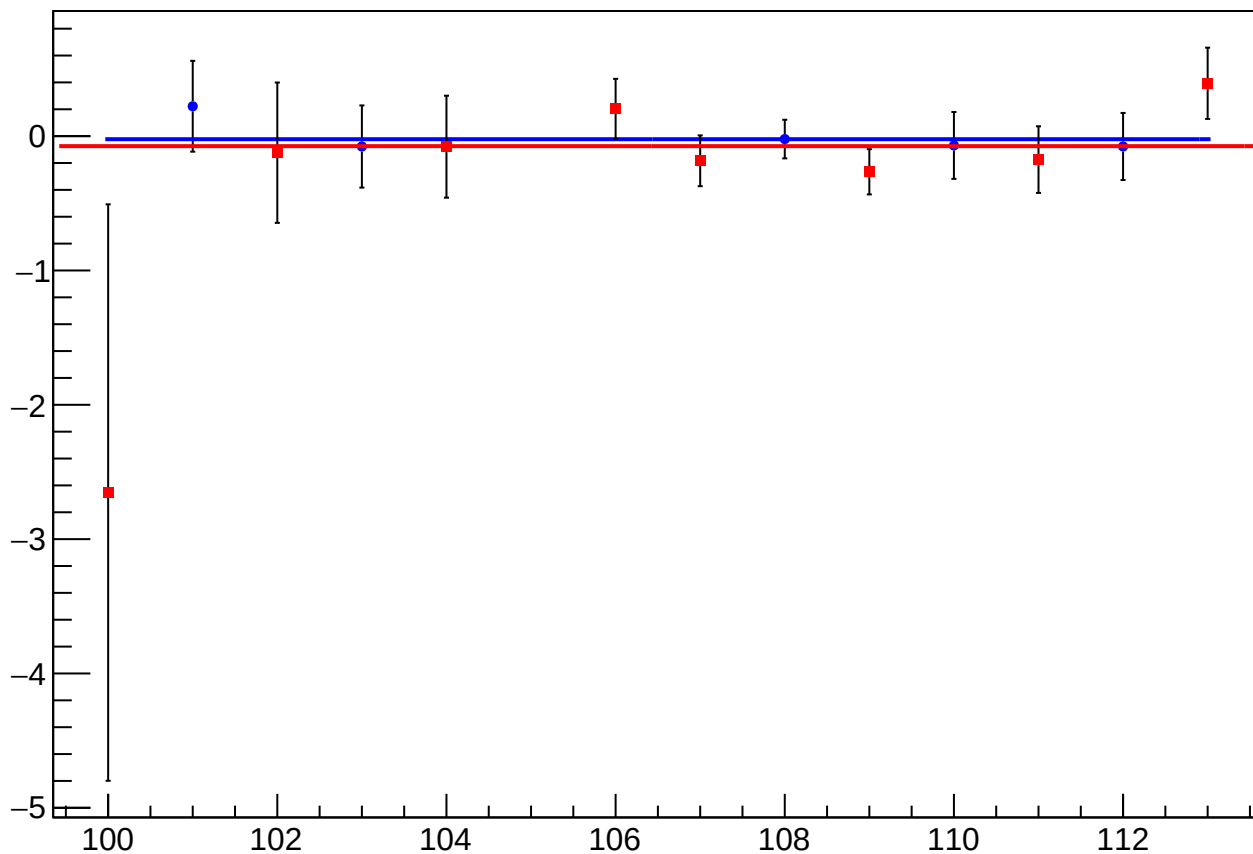
Right: 136.346+/-0.047 χ^2/NDF : 1609782.5/12

In: 139.929+/-0.071 χ^2/NDF : 814536.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.346+/-0.047 χ^2/NDF : 1609782.5/12

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: -0.074 ± 0.090 χ^2/NDF : 7.9/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

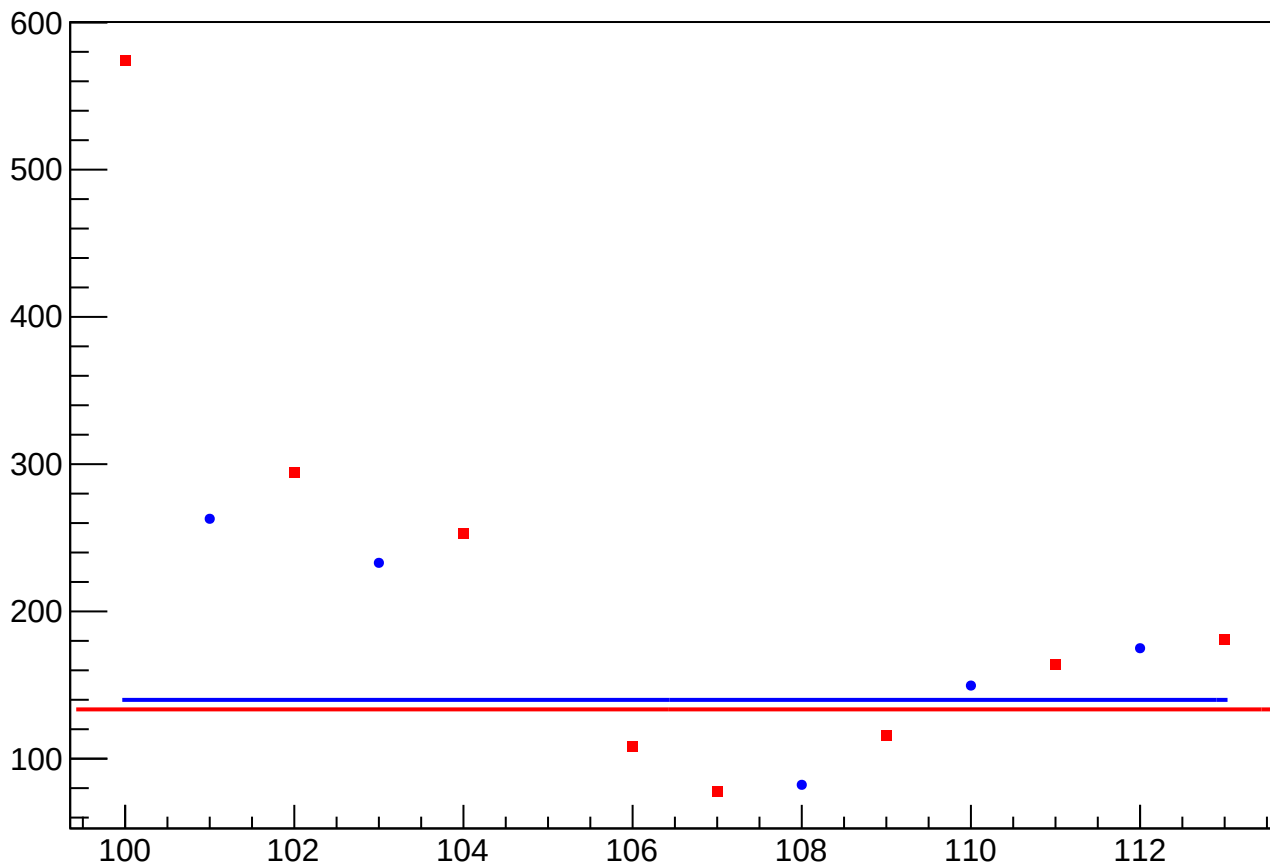
Right: -0.051 ± 0.067 χ^2/NDF : 8.7/12

In: -0.023 ± 0.100 χ^2/NDF : 0.6/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.051 ± 0.067 χ^2/NDF : 8.7/12

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: 133.467+/-0.063 χ^2/NDF : 790611.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

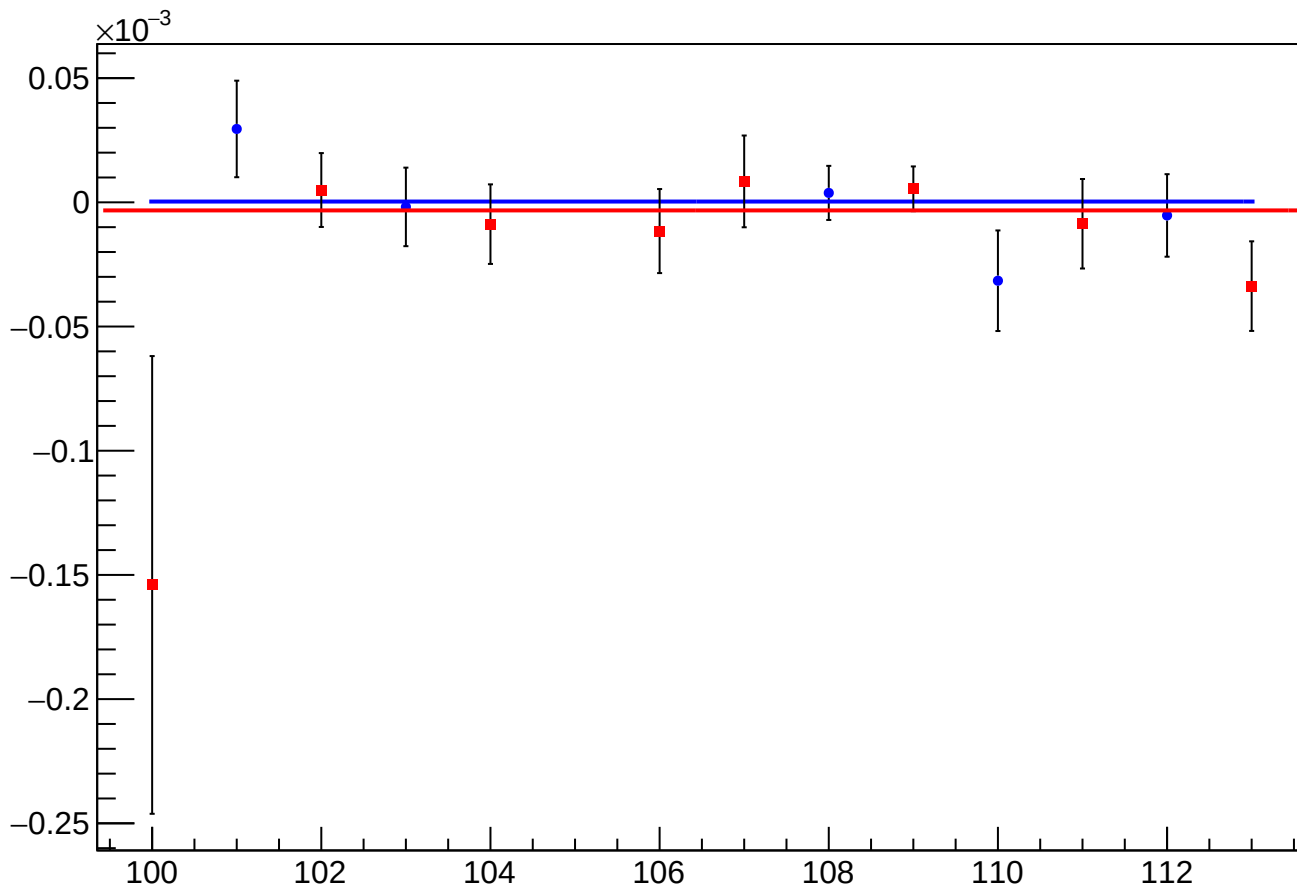
Right: 136.346+/-0.047 χ^2/NDF : 1609782.5/12

In: 139.929+/-0.071 χ^2/NDF :814536.9/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 136.346+/-0.047 χ^2/NDF : 1609782.5/12

asym_atl1r2_dd_eigen_dit_vs_dit_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 : 7.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

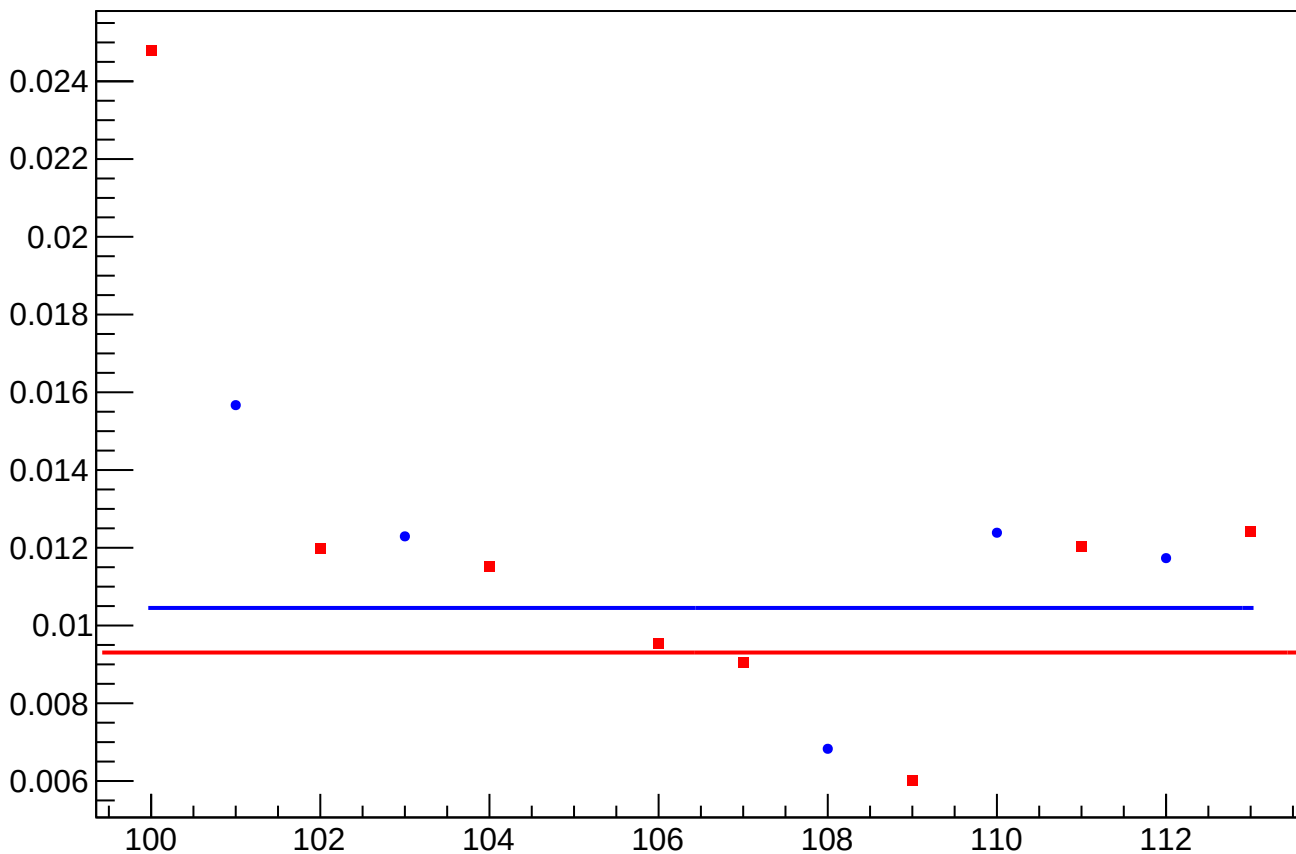
Right: -0.000+/-0.000 χ^2/NDF : 12.8/12

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 : 12.8/12

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 : 532870.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

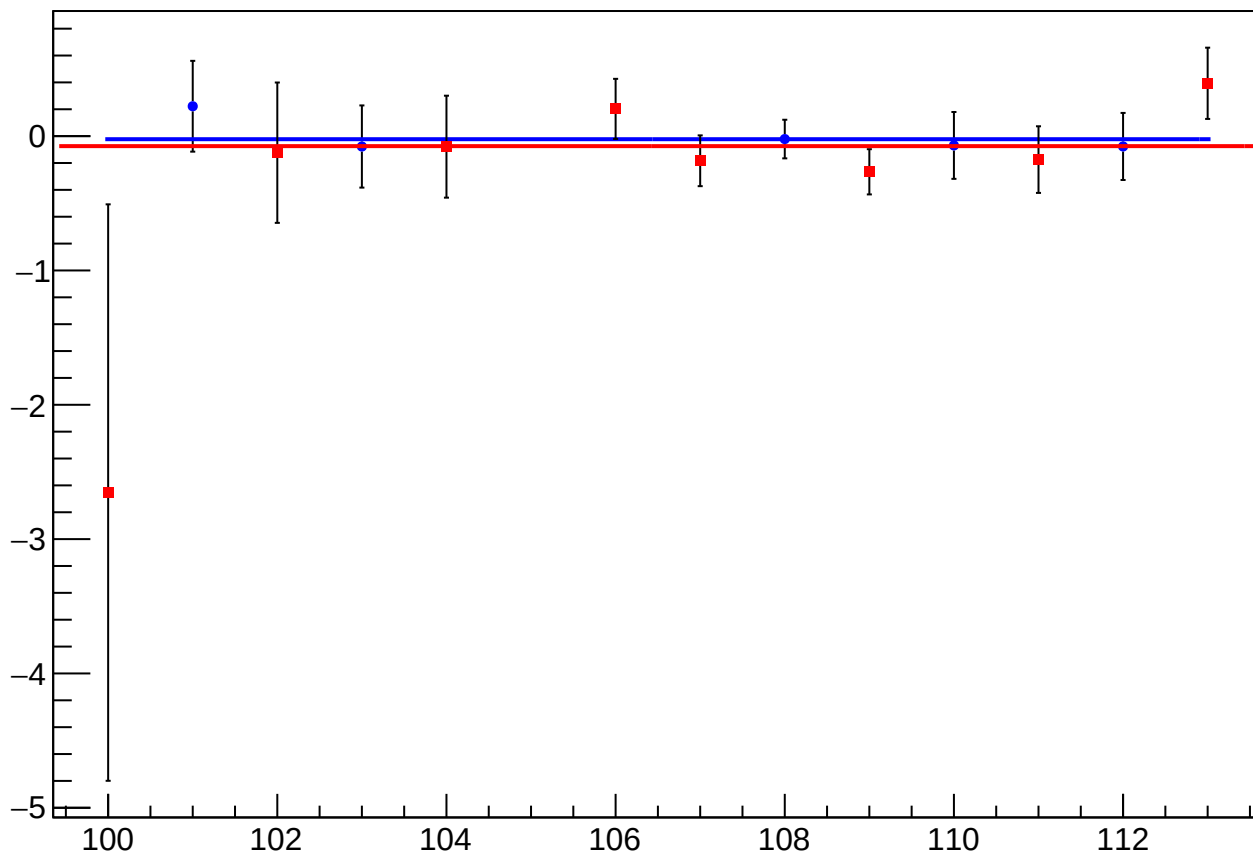
Right: 0.010+/-0.000 χ^2/NDF : 989783.8/12

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 : 989783.8/12

asym_atl1r2_dd_eigen_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: -0.074 ± 0.090 χ^2/NDF : 7.9/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

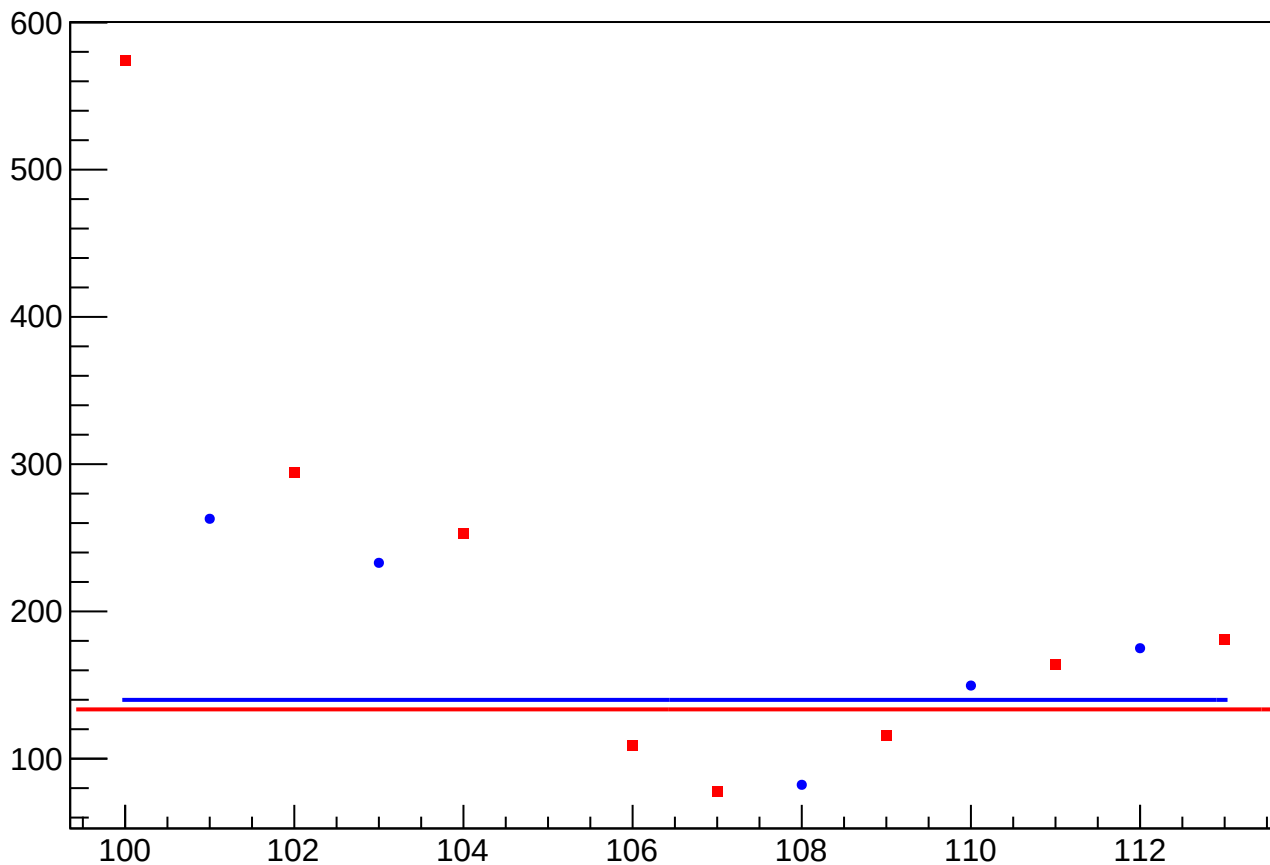
Right: -0.051 ± 0.067 χ^2/NDF : 8.7/12

In: -0.023 ± 0.100 χ^2/NDF : 0.6/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.051 ± 0.067 χ^2/NDF : 8.7/12

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: 133.467+/-0.063 χ^2/NDF : 790638.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

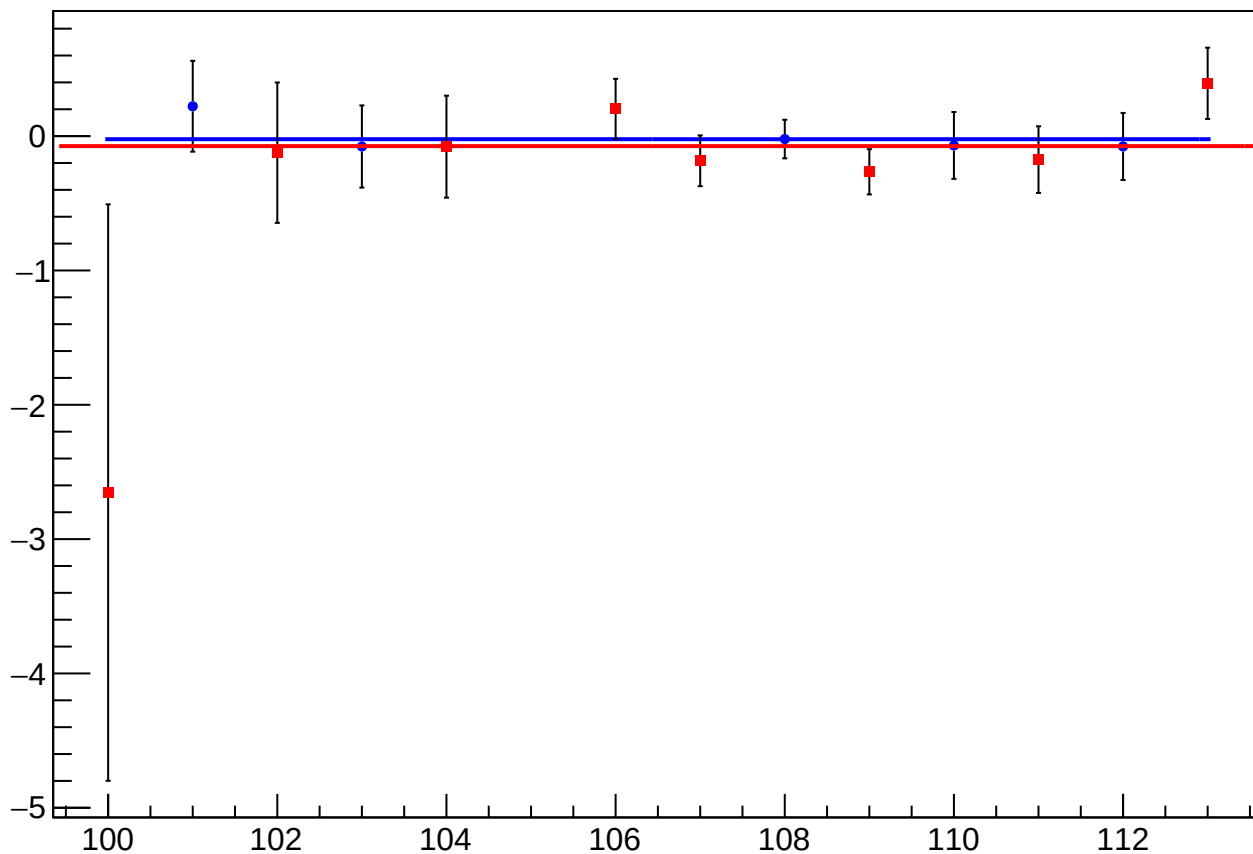
Right: 136.346+/-0.047 χ^2/NDF : 1609817.3/12

In: 139.930+/-0.071 χ^2/NDF : 814544.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.346+/-0.047 χ^2/NDF : 1609817.3/12

asym_atl1r2_dd_eigen_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: -0.074 ± 0.090 χ^2/NDF : 7.9/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

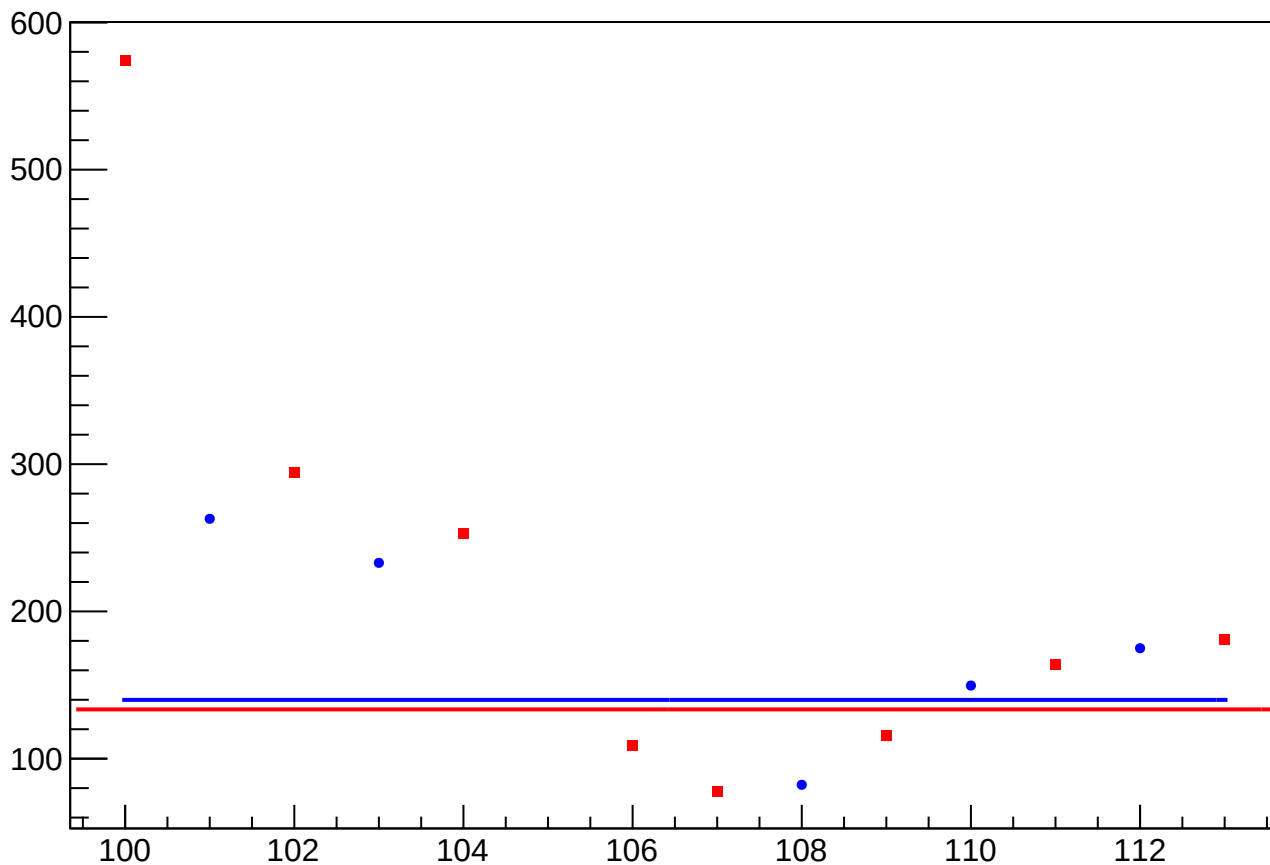
Right: -0.051 ± 0.067 χ^2/NDF : 8.7/12

In: -0.023 ± 0.100 χ^2/NDF : 0.6/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.051 ± 0.067 χ^2/NDF : 8.7/12

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: 133.467+/-0.063 χ^2/NDF : 790638.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

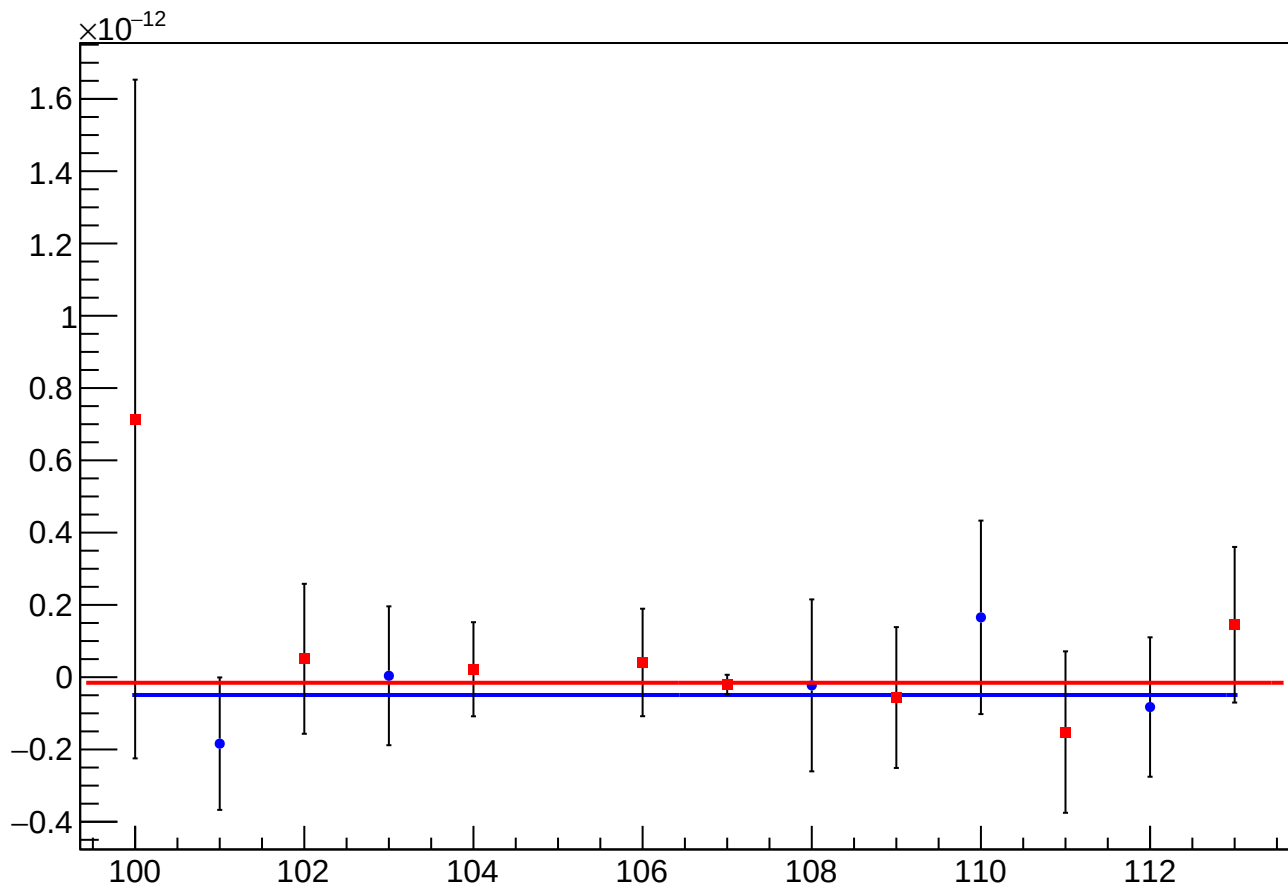
Right: 136.346+/-0.047 χ^2/NDF : 1609817.3/12

In: 139.930+/-0.071 χ^2/NDF :814544.0/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 136.346+/-0.047 χ^2/NDF : 1609817.3/12

asym_atl1r2_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 : 1.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

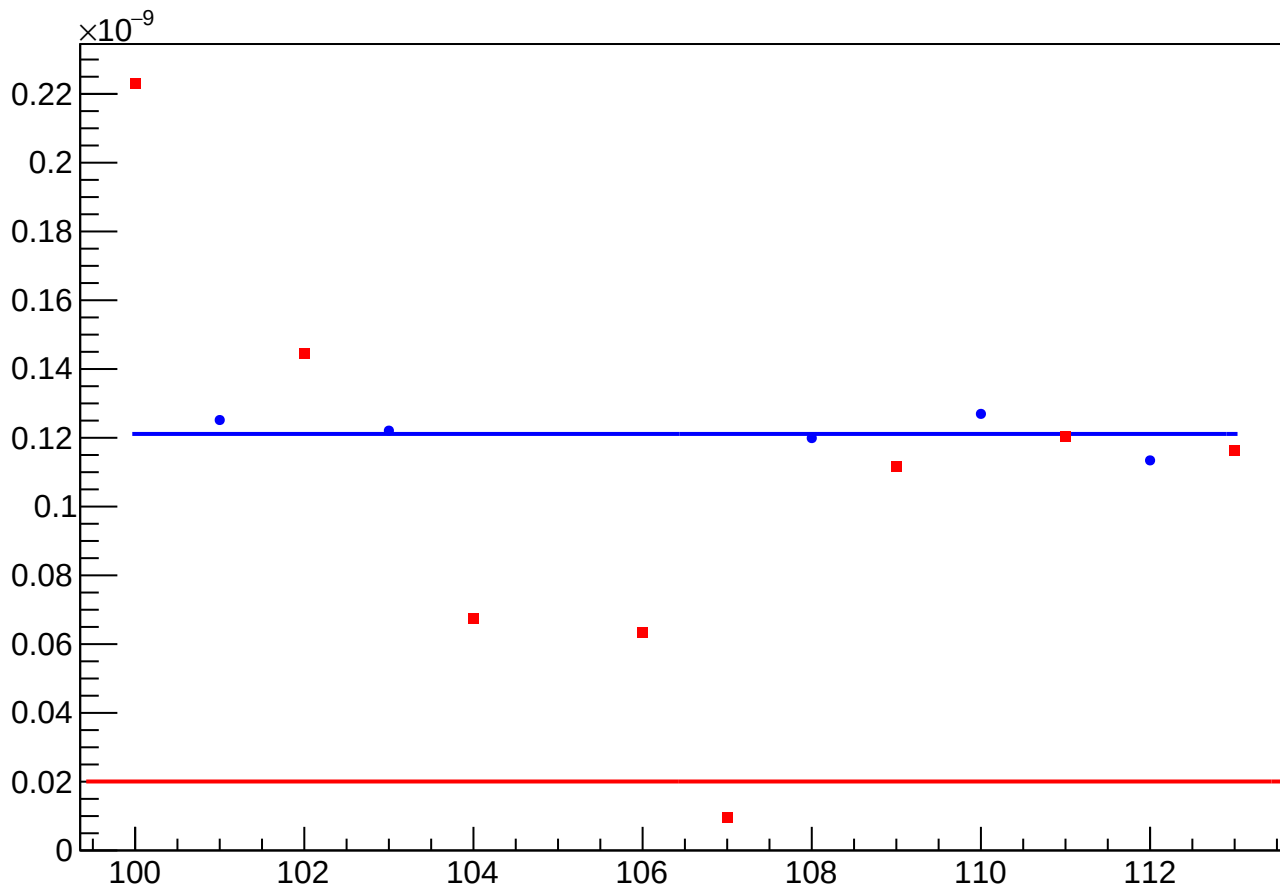
Right: -0.000+/-0.000 χ^2/NDF : 3.4/12

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 : 3.4/12

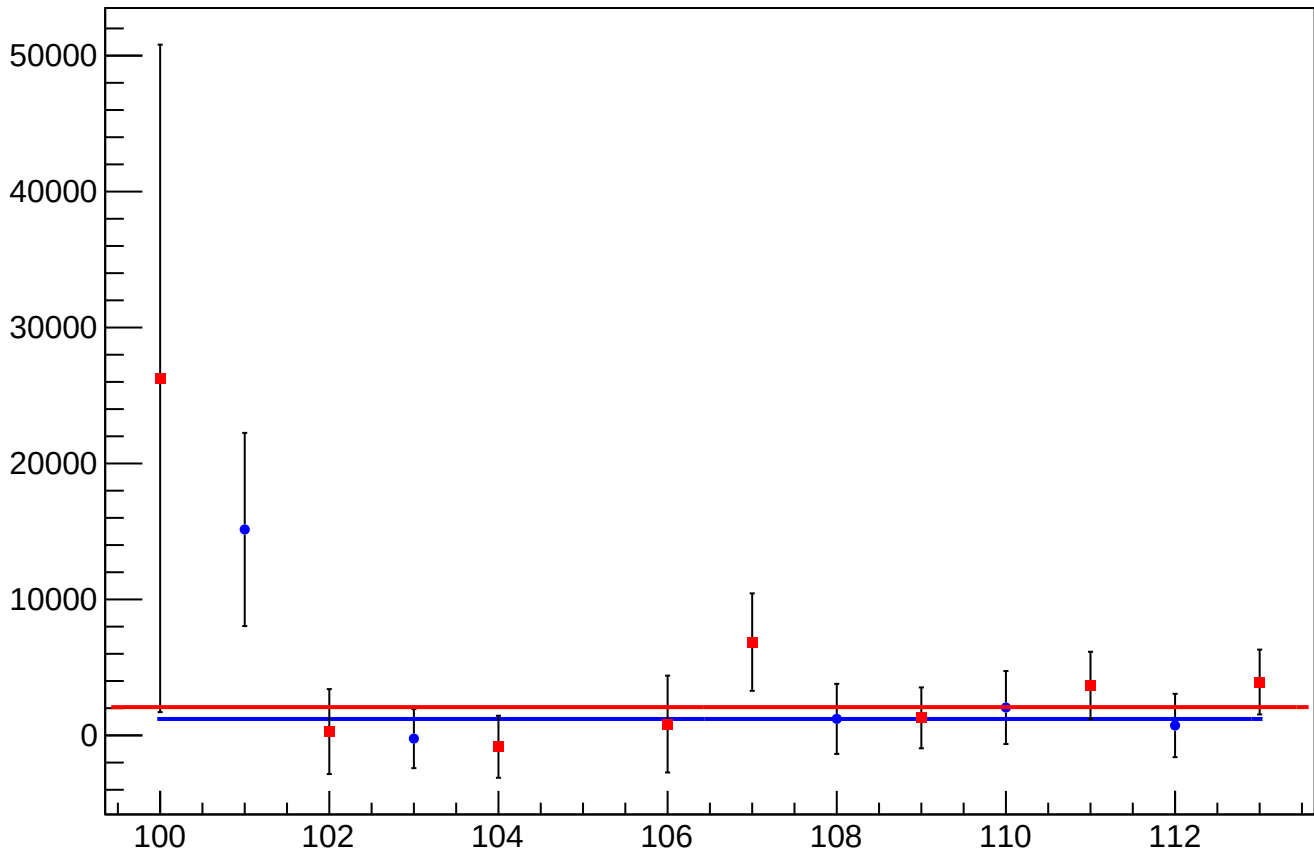
asym_atl1r2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 2796133.5/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 4996853.8/12
 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 : 4996853.8/12

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: 2079.925+/-1003.783 χ^2/NDF : 6.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

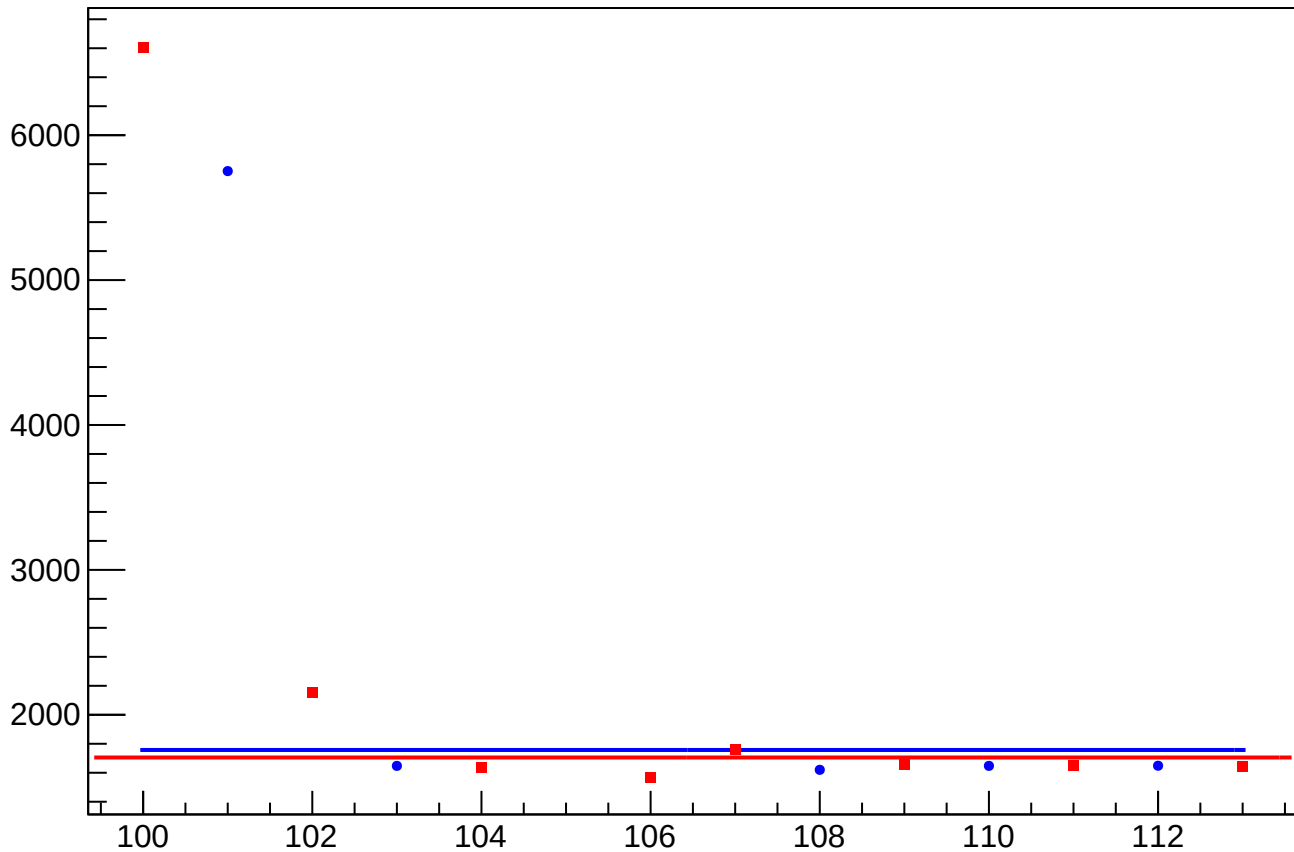
Right: 1717.430+/-767.510 χ^2/NDF : 10.7/12

In: 1207.203+/-1190.888 χ^2/NDF : 4.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1717.430+/-767.510 χ^2/NDF : 10.7/12

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: 1705.279+/-0.698 χ^2/NDF : 131051.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

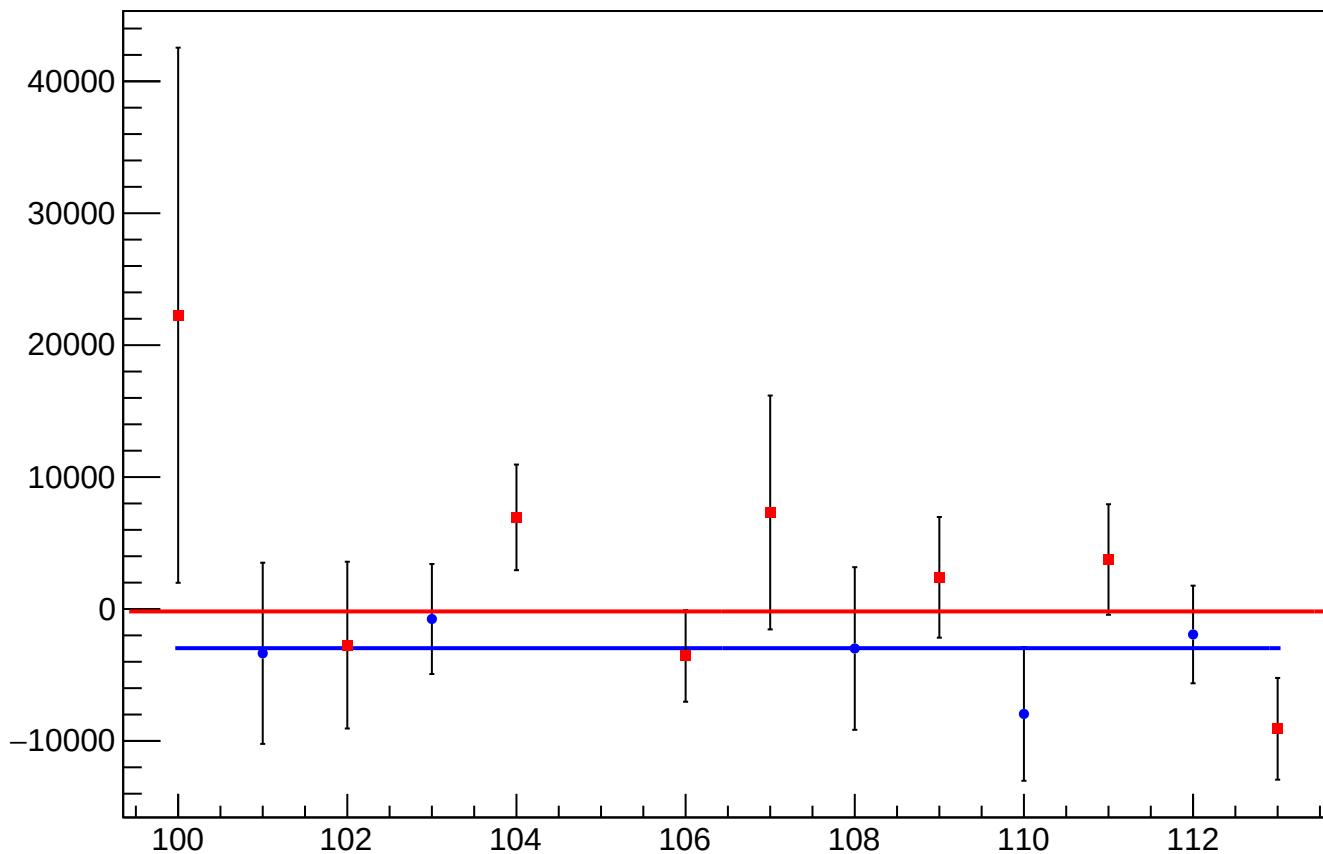
Right: 1726.430+/-0.537 χ^2/NDF : 783936.2/12

In: 1757.237+/-0.842 χ^2/NDF : 650627.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1726.430+/-0.537 χ^2/NDF : 783936.2/12

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: -184.298+/-1671.906 χ^2/NDF : 12.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

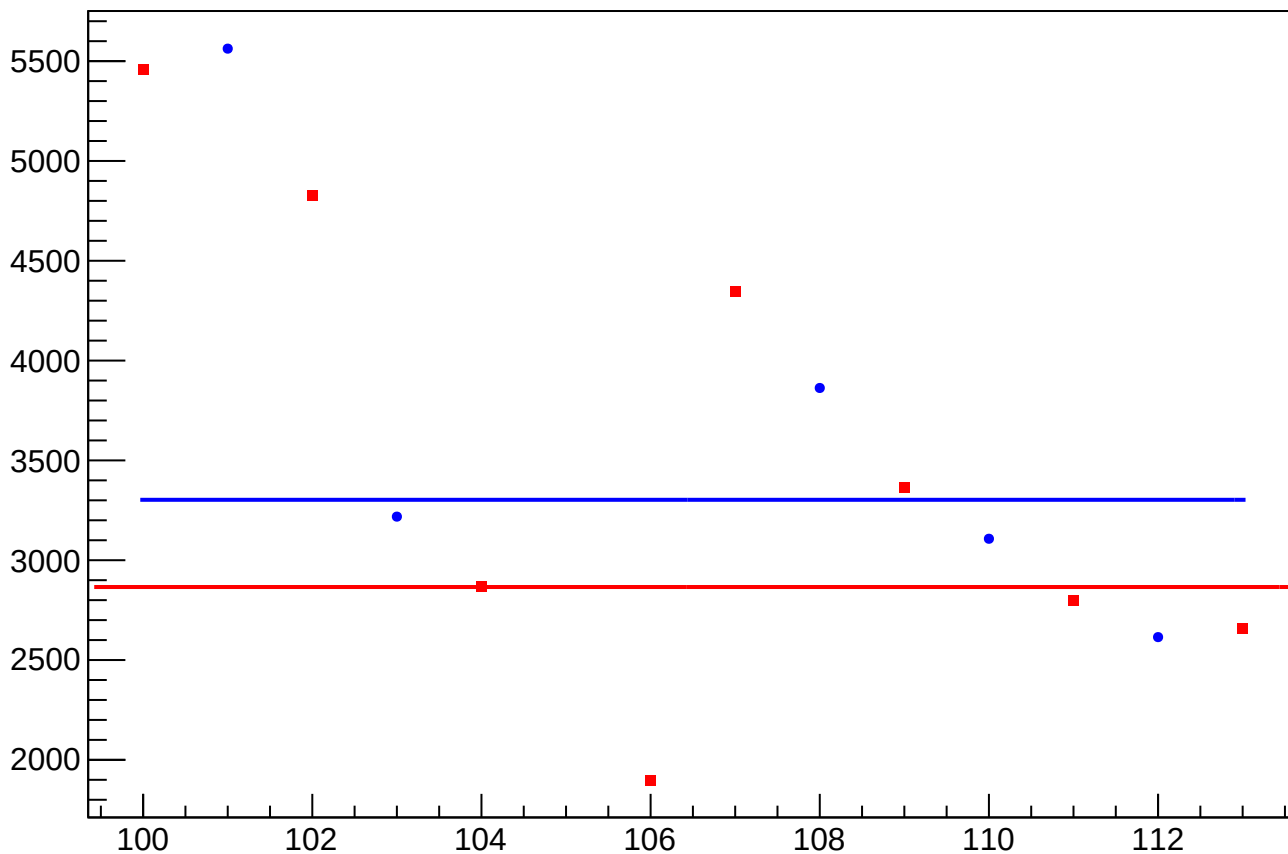
Right: -1235.630+/-1318.992 χ^2/NDF : 15.1/12

In: -2968.452+/-2146.440 χ^2/NDF : 1.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1235.630+/-1318.992 χ^2/NDF : 15.1/12

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: 2865.772+/-1.182 χ^2/NDF : 467018.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

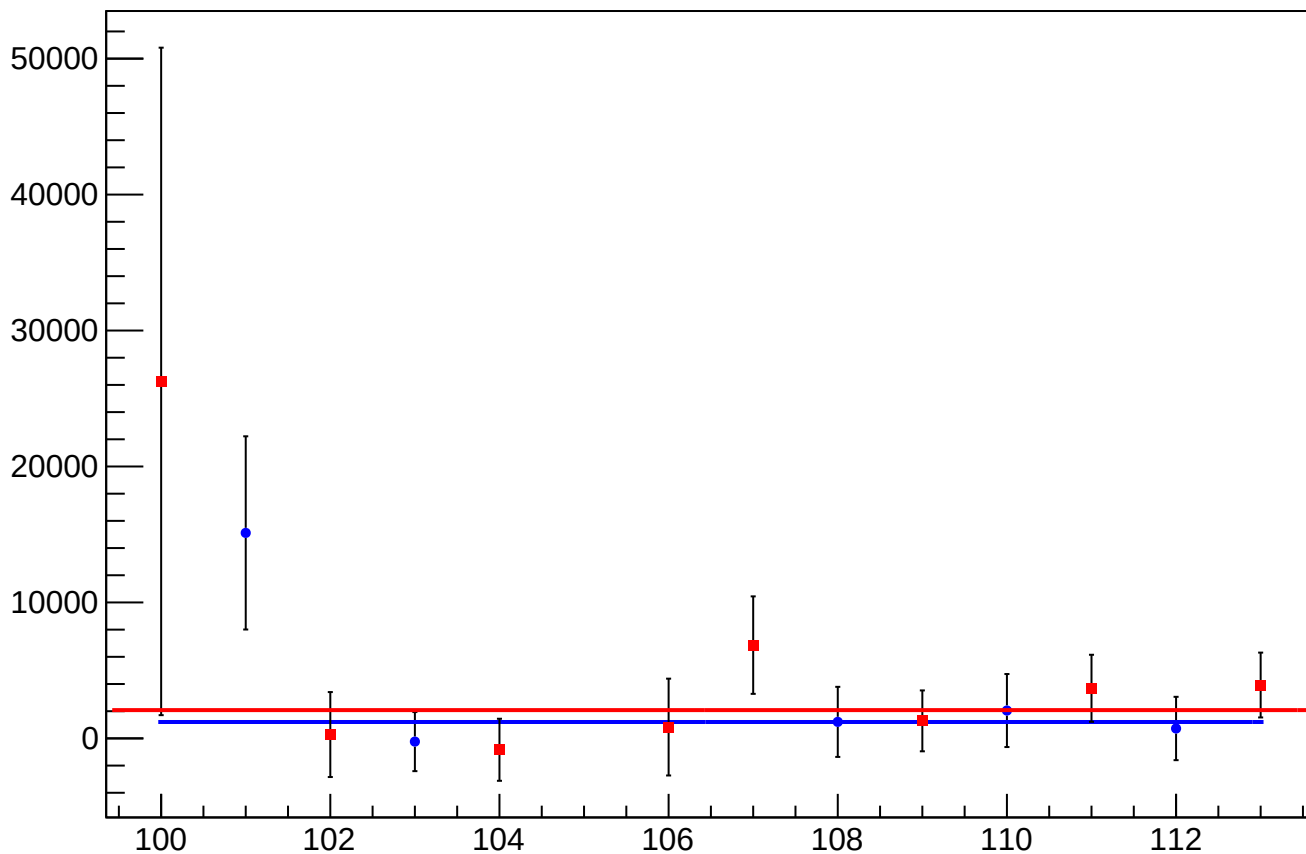
Right: 3030.741+/-0.933 χ^2/NDF : 824599.2/12

In: 3302.646+/-1.518 χ^2/NDF : 306014.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3030.741+/-0.933 χ^2/NDF : 824599.2/12

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: 2080.165+/-1003.784 χ^2/NDF : 6.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

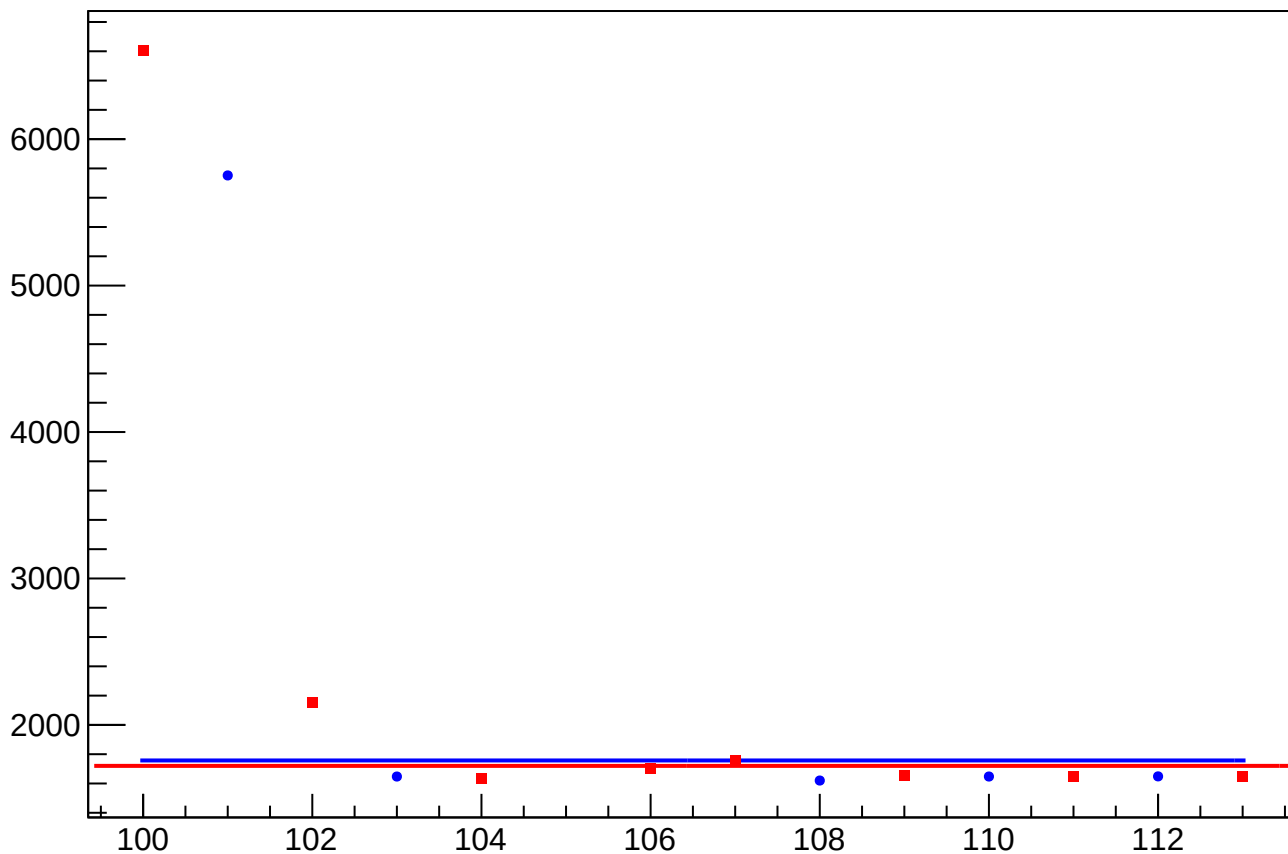
Right: 1717.189+/-767.510 χ^2/NDF : 10.7/12

In: 1206.283+/-1190.889 χ^2/NDF : 4.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1717.189+/-767.510 χ^2/NDF : 10.7/12

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: 1720.273+/-0.704 χ^2/NDF : 126282.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

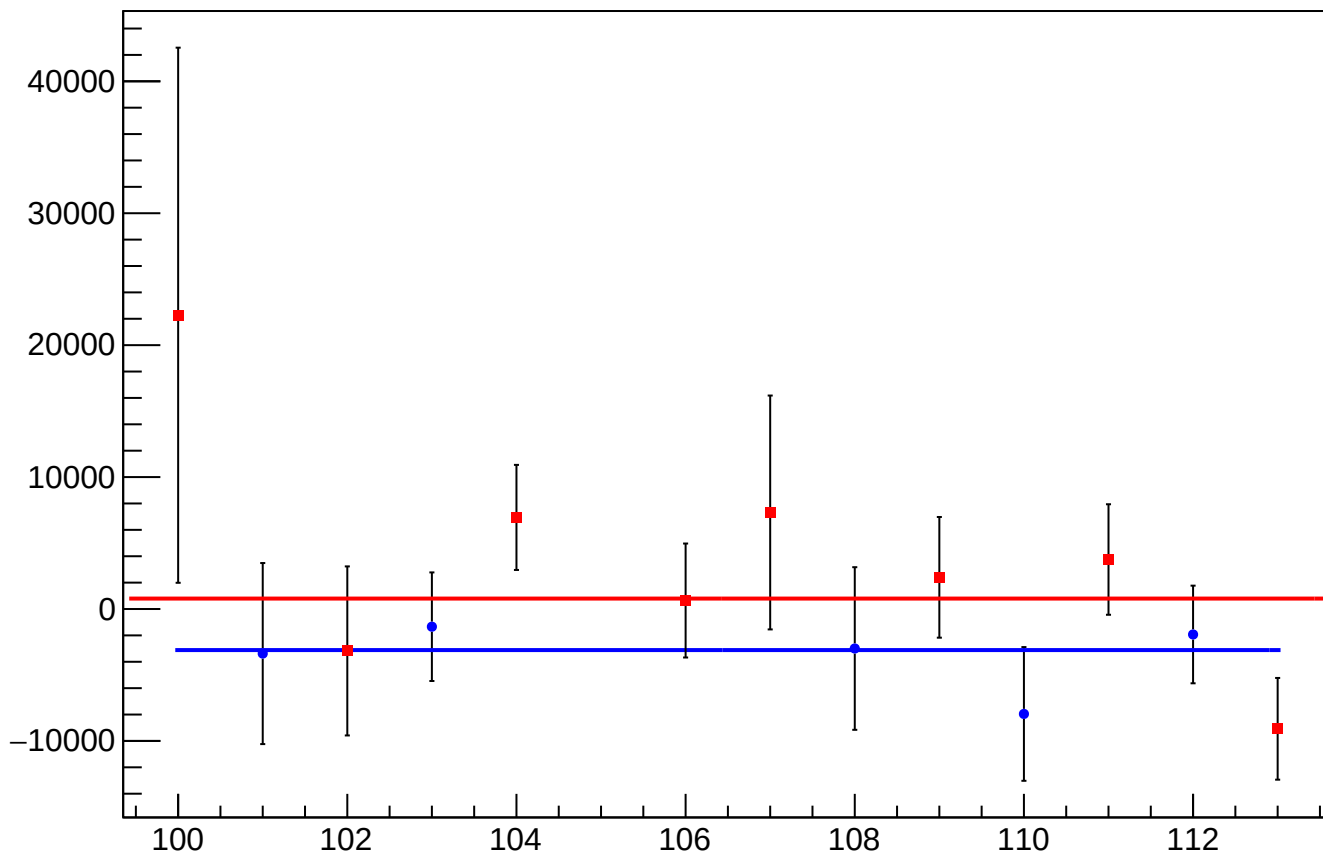
Right: 1735.469+/-0.540 χ^2/NDF : 778044.9/12

In: 1757.236+/-0.842 χ^2/NDF : 650627.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1735.469+/-0.540 χ^2/NDF : 778044.9/12

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: 791.082+/-1745.456 χ^2/NDF : 11.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

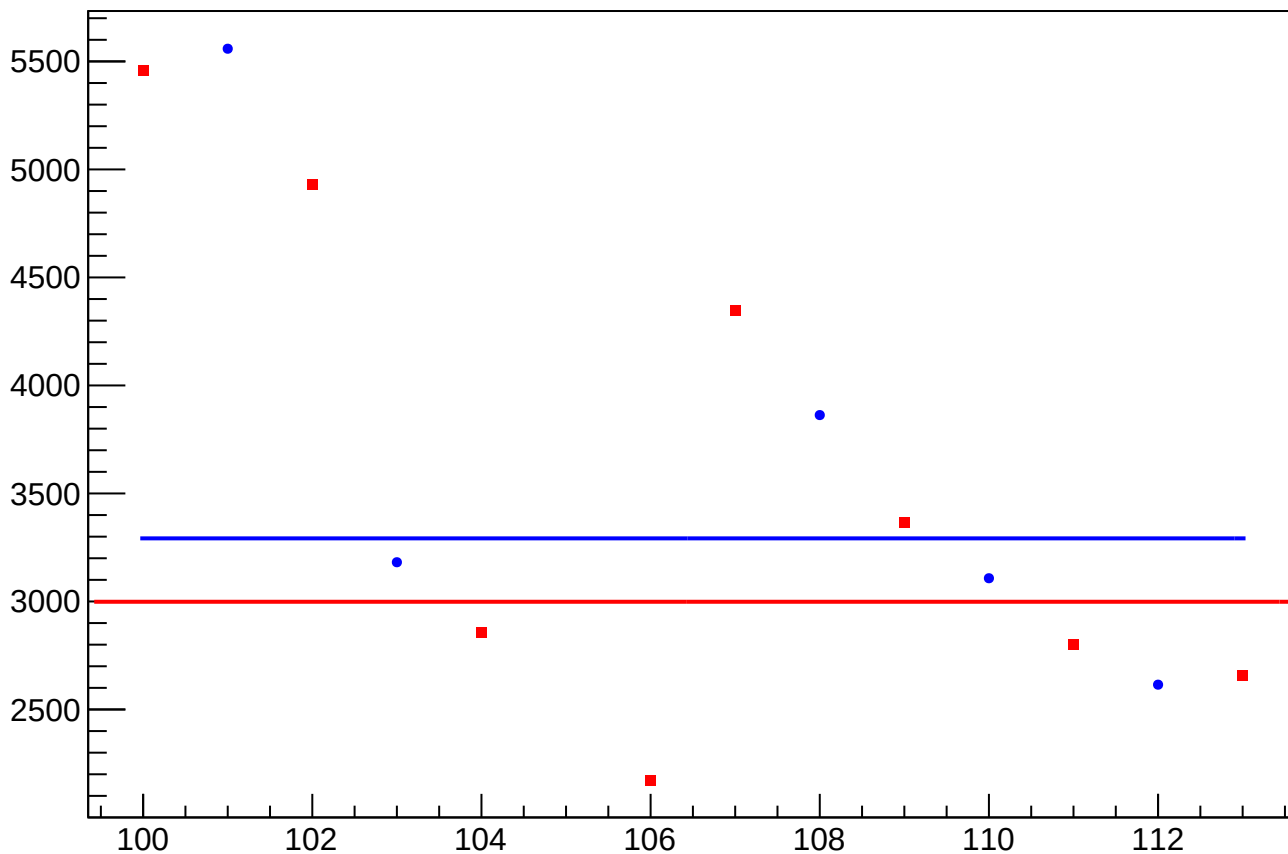
Right: -769.435+/-1352.362 χ^2/NDF : 14.8/12

In: -3113.136+/-2139.073 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -769.435+/-1352.362 χ^2/NDF : 14.8/12

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: 2998.614+/-1.234 χ^2/NDF : 365823.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

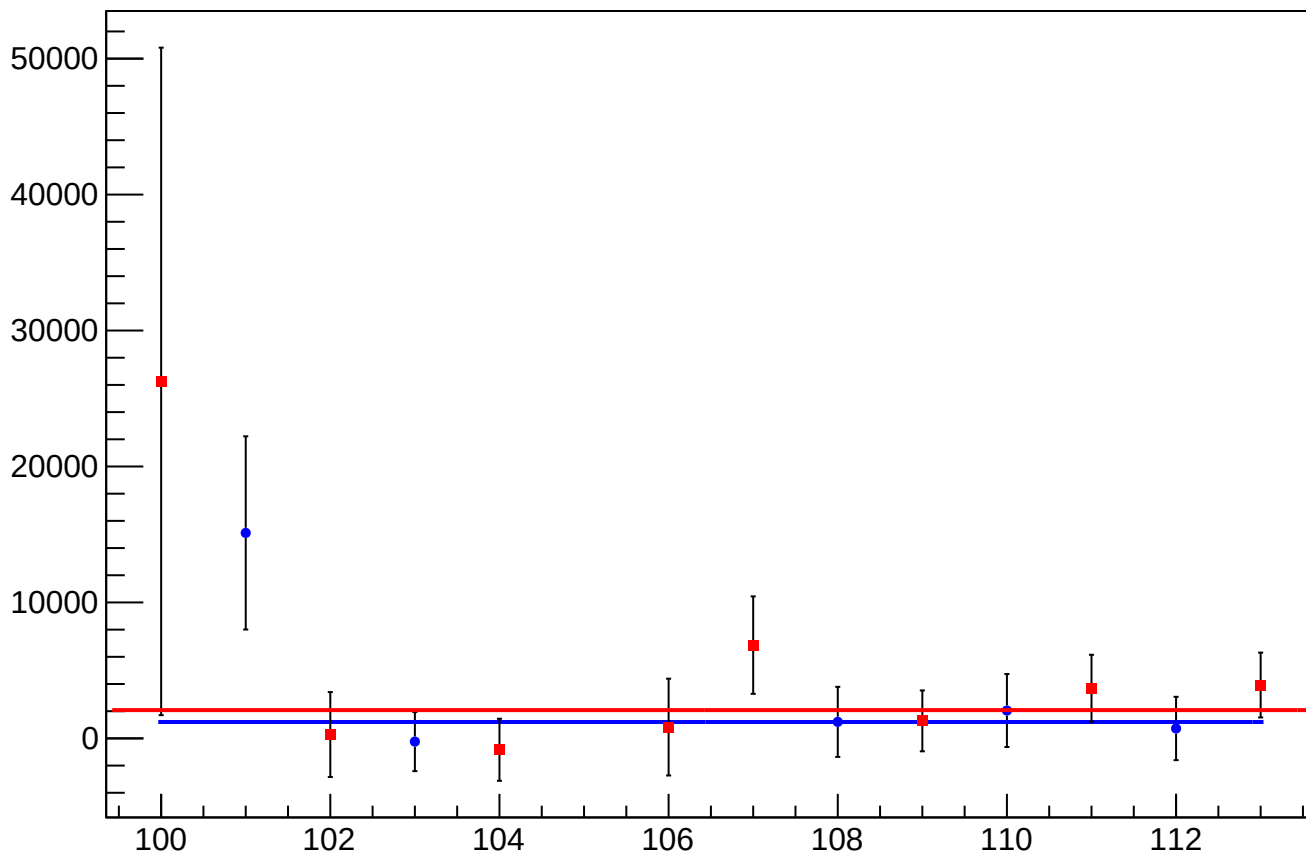
Right: 3115.907+/-0.956 χ^2/NDF : 694852.0/12

In: 3292.066+/-1.513 χ^2/NDF : 306433.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3115.907+/-0.956 χ^2/NDF : 694852.0/12

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: 2080.165+/-1003.784 χ^2/NDF : 6.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

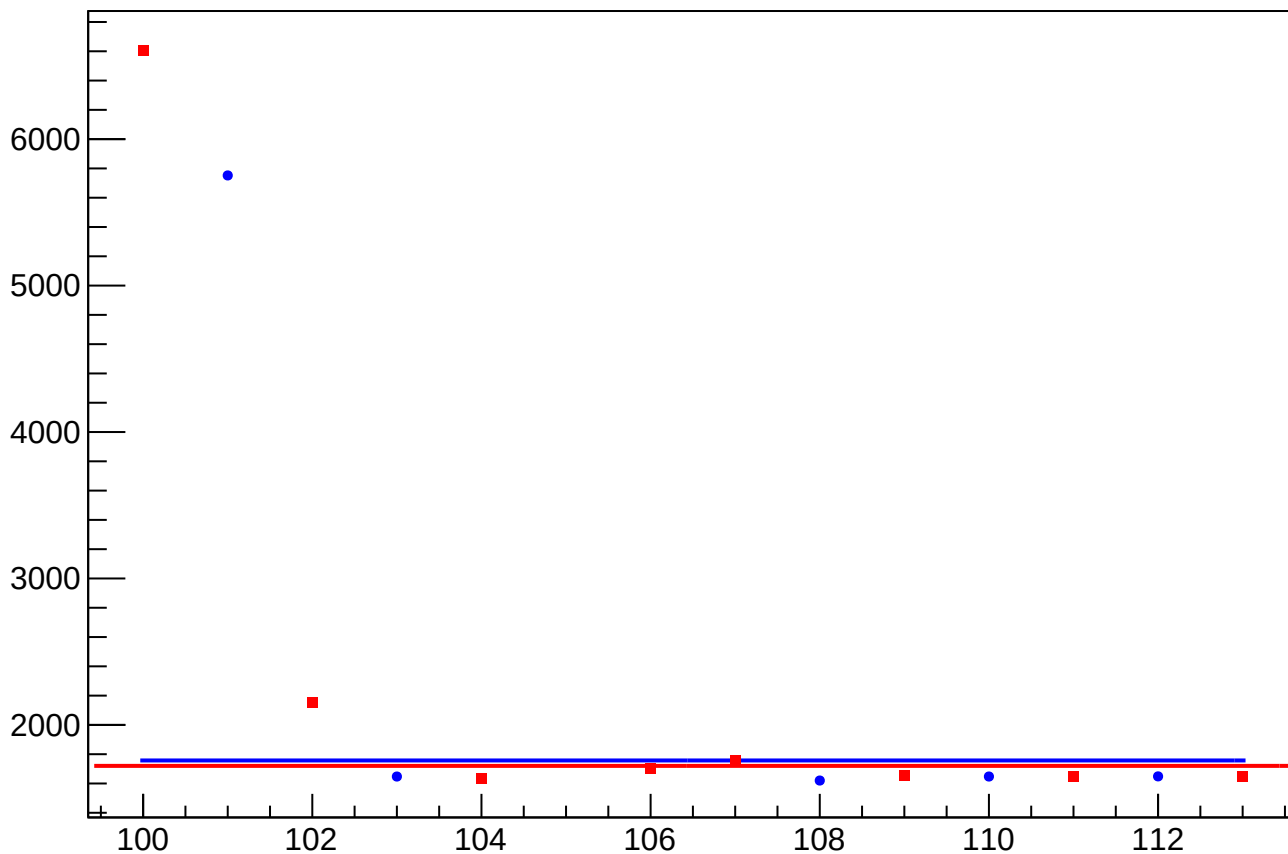
Right: 1717.189+/-767.510 χ^2/NDF : 10.7/12

In: 1206.283+/-1190.889 χ^2/NDF : 4.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1717.189+/-767.510 χ^2/NDF : 10.7/12

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: 1720.273+/-0.704 χ^2/NDF : 126282.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

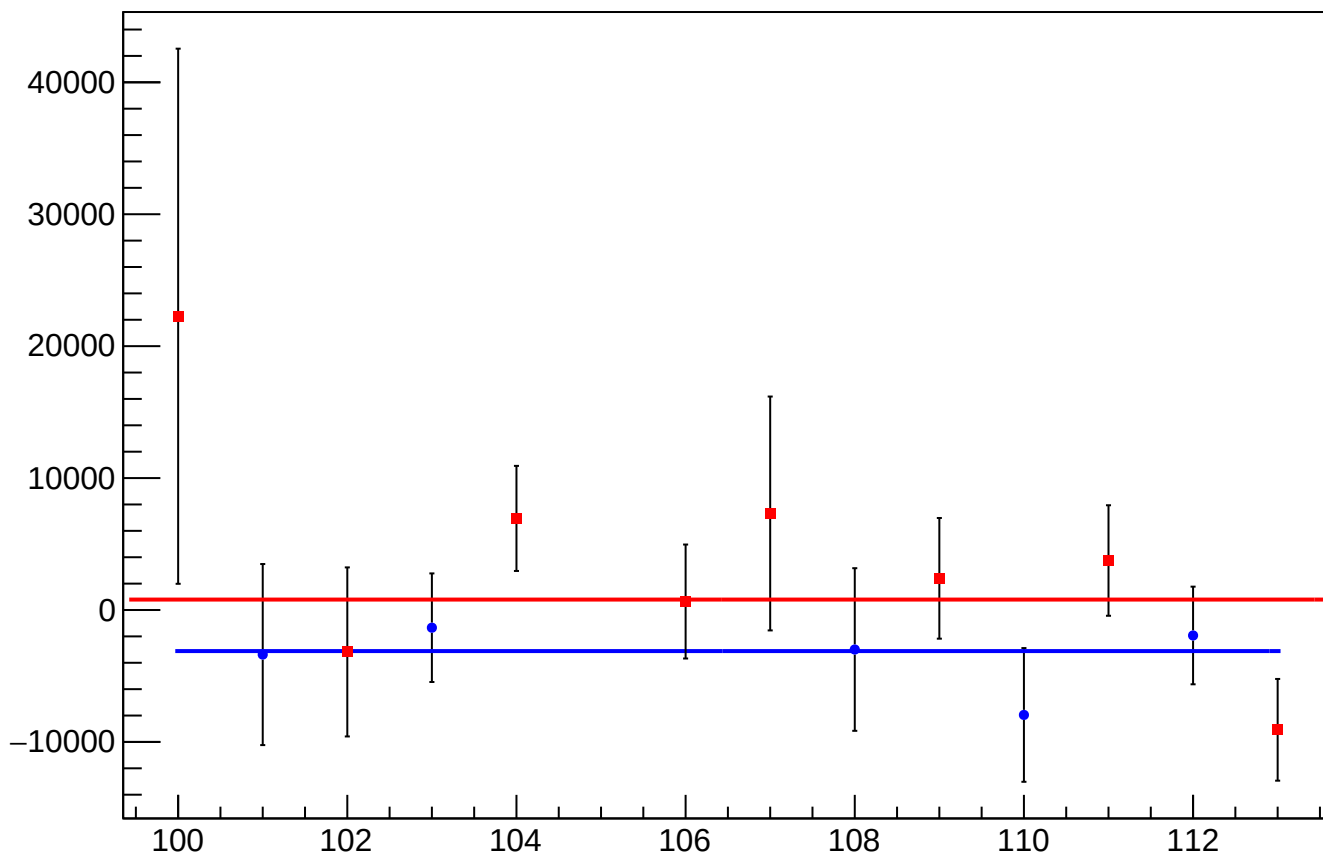
Right: 1735.469+/-0.540 χ^2/NDF : 778044.9/12

In: 1757.236+/-0.842 χ^2/NDF : 650627.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1735.469+/-0.540 χ^2/NDF : 778044.9/12

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: 791.082+/-1745.456 χ^2/NDF : 11.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

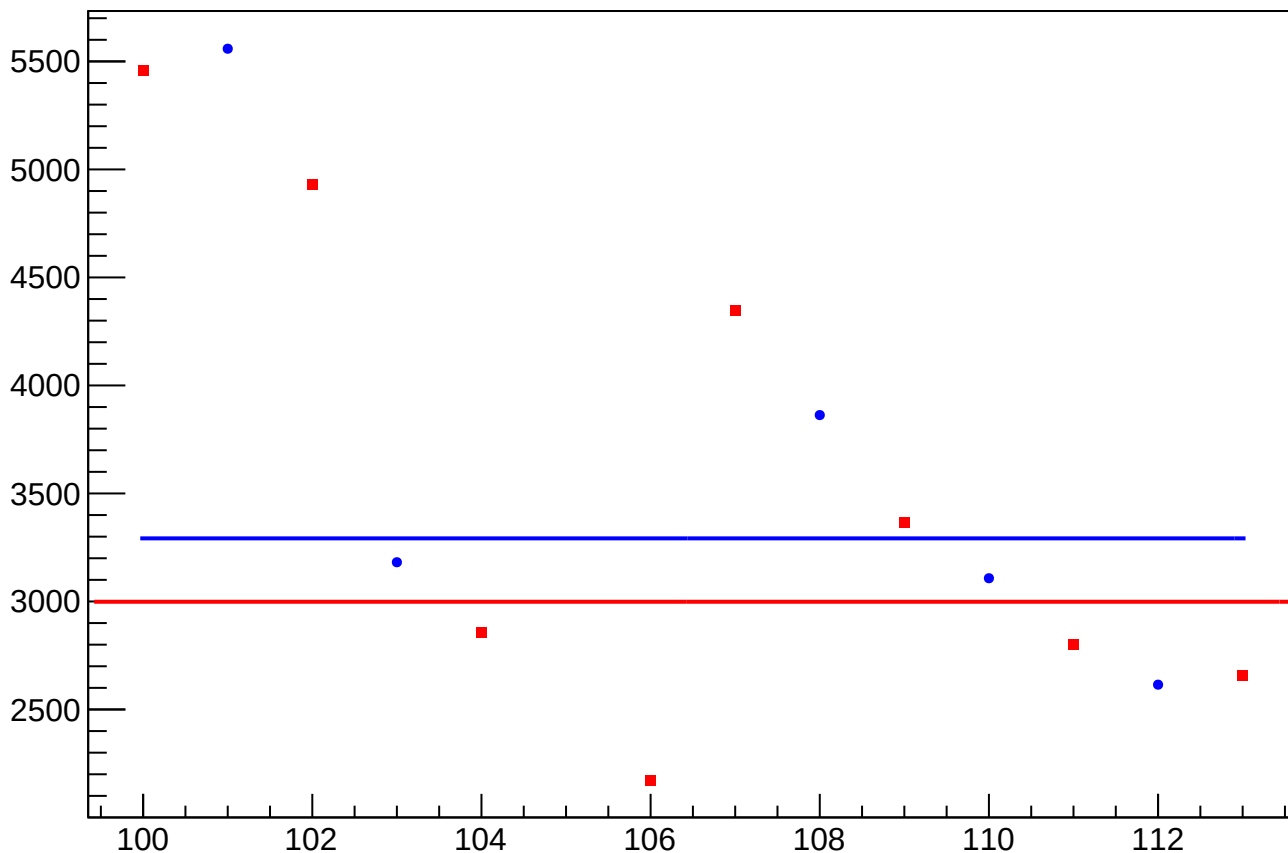
Right: -769.435+/-1352.362 χ^2/NDF : 14.8/12

In: -3113.136+/-2139.073 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -769.435+/-1352.362 χ^2/NDF : 14.8/12

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: 2998.614+/-1.234 χ^2/NDF : 365823.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

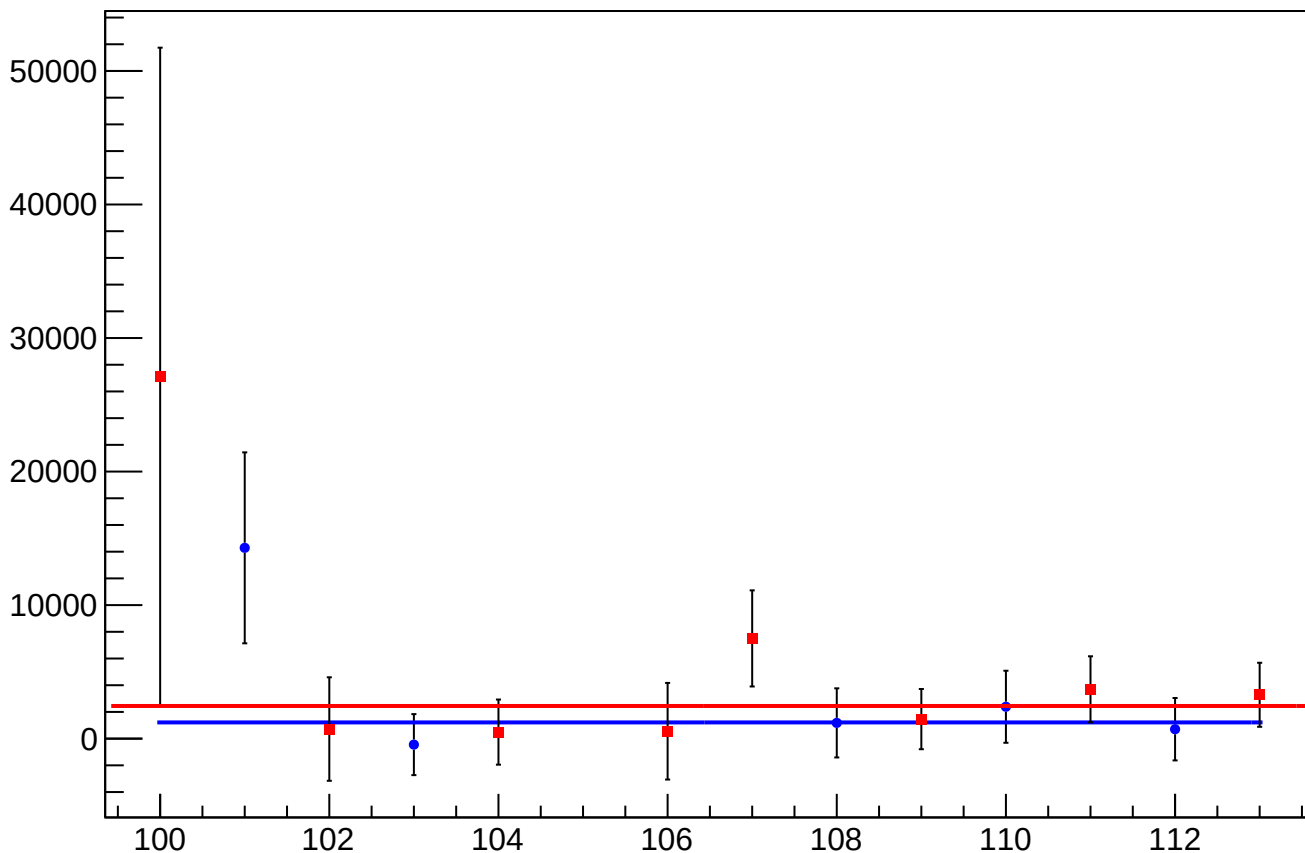
Right: 3115.907+/-0.956 χ^2/NDF : 694852.0/12

In: 3292.066+/-1.513 χ^2/NDF : 306433.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3115.907+/-0.956 χ^2/NDF : 694852.0/12

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: 2445.288+/-1040.113 χ^2/NDF : 4.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

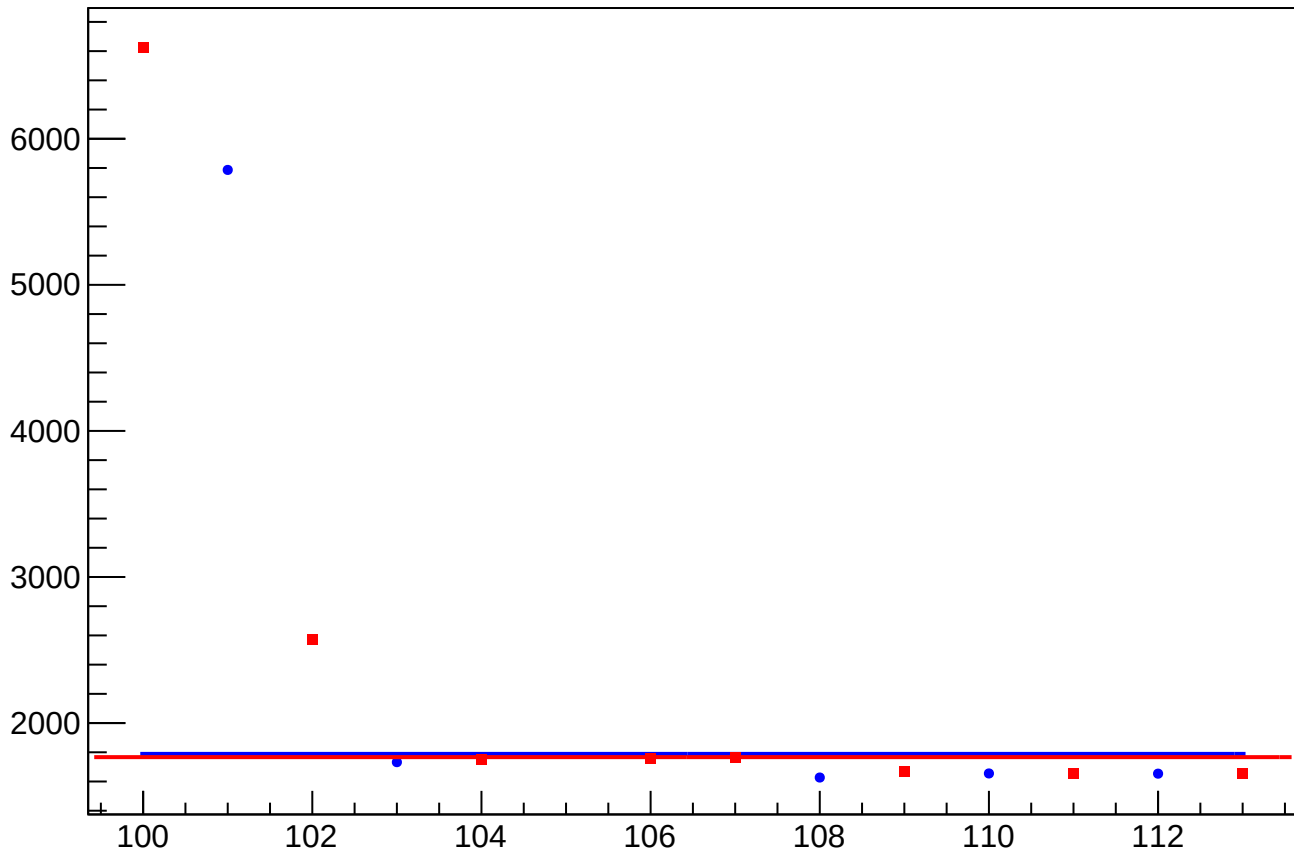
Right: 1923.065+/-789.262 χ^2/NDF : 9.4/12

In: 1214.172+/-1211.832 χ^2/NDF : 4.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1923.065+/-789.262 χ^2/NDF : 9.4/12

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: 1766.764+/-0.731 χ^2/NDF : 177422.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

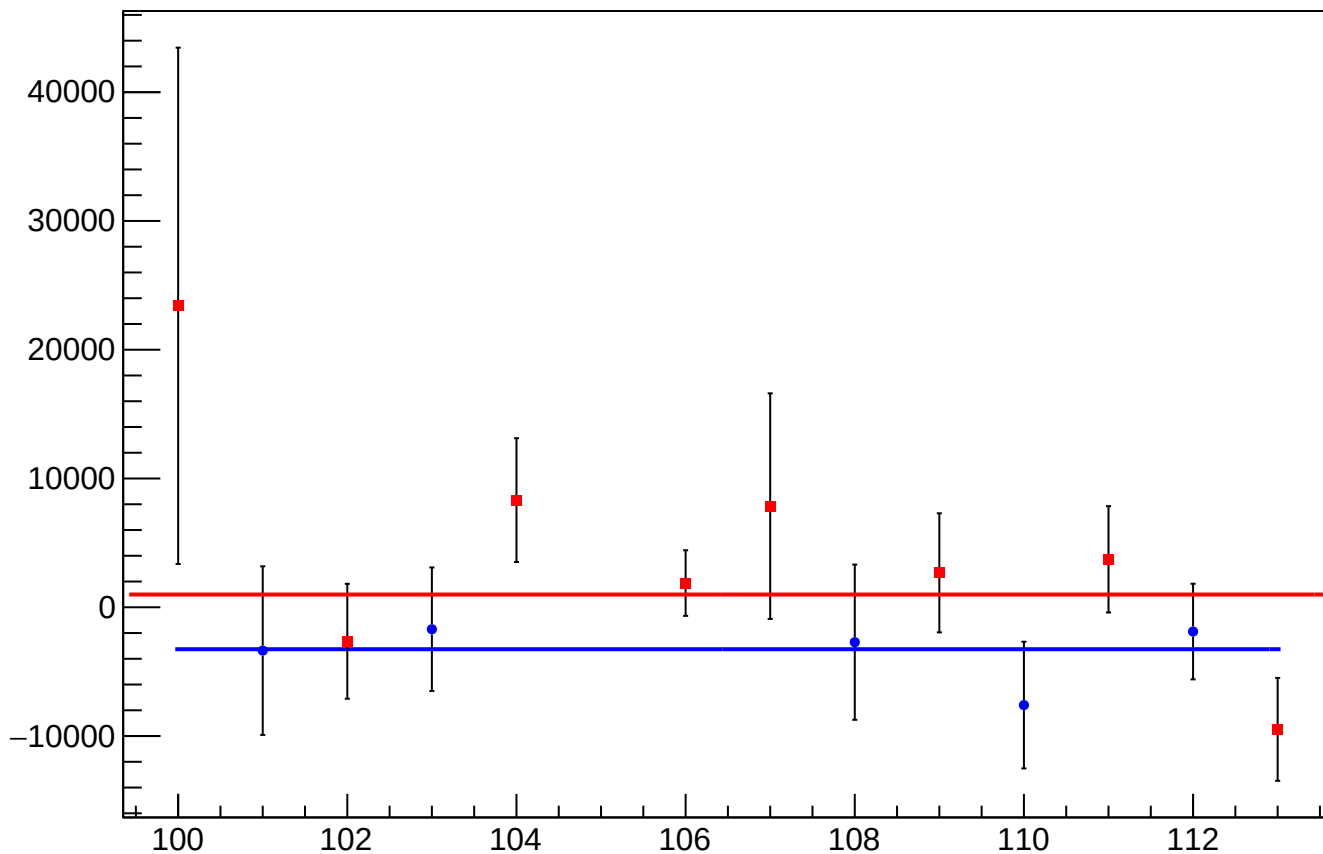
Right: 1776.137+/-0.556 χ^2/NDF : 823738.6/12

In: 1789.030+/-0.857 χ^2/NDF : 645924.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1776.137+/-0.556 χ^2/NDF : 823738.6/12

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: 989.836+/-1523.115 χ^2/NDF : 12.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

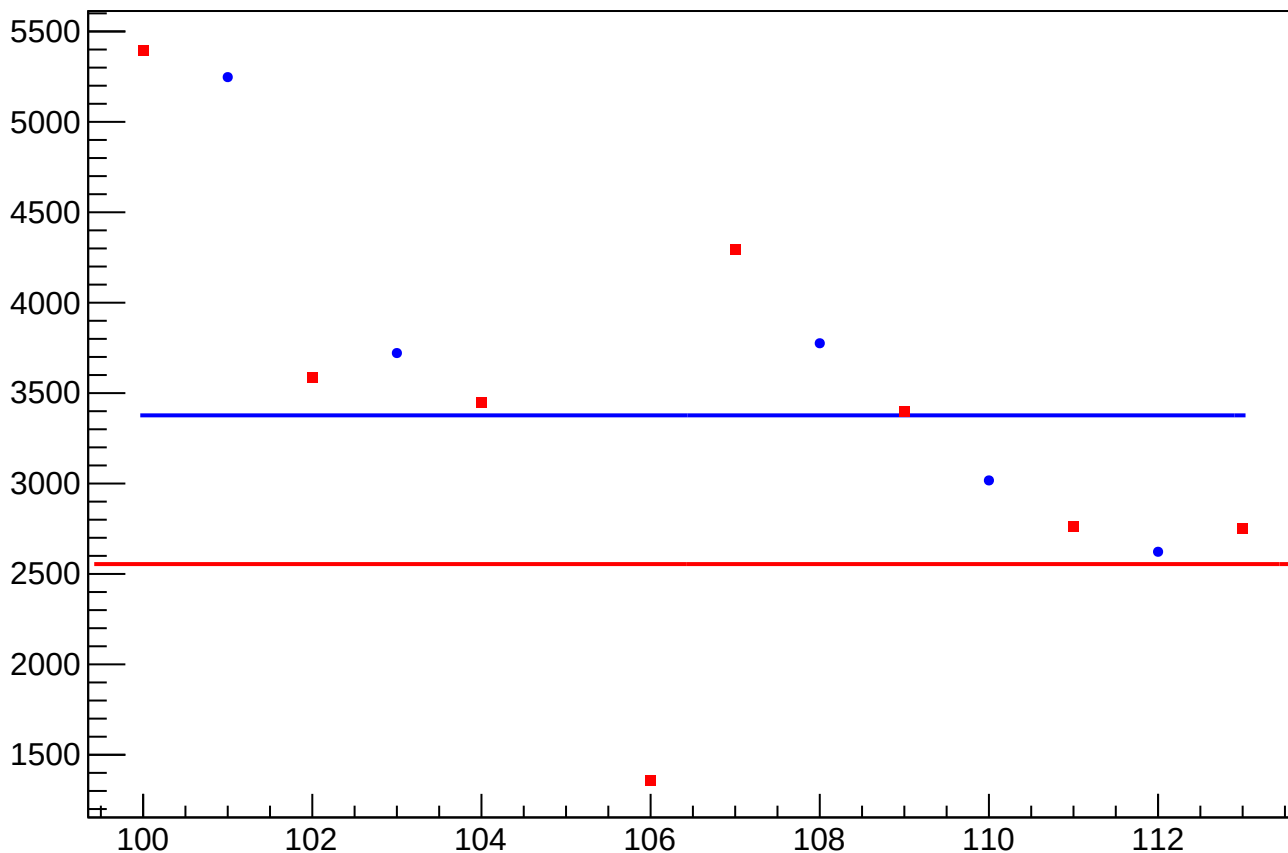
Right: -392.917+/-1250.832 χ^2/NDF : 16.0/12

In: -3257.256+/-2192.162 χ^2/NDF : 1.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -392.917+/-1250.832 χ^2/NDF : 16.0/12

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: 2554.569+/-1.077 χ^2/NDF : 813337.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

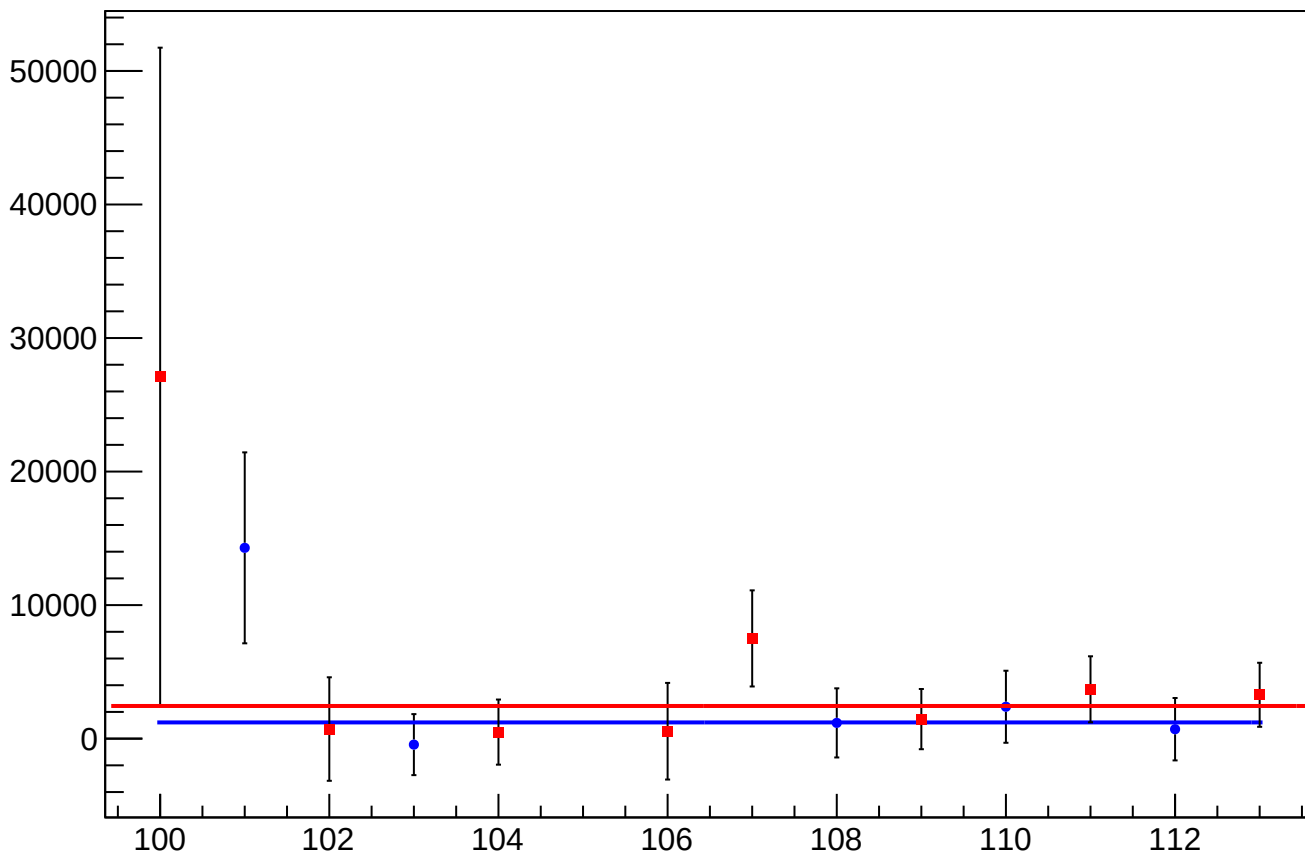
Right: 2822.336+/-0.884 χ^2/NDF : 1278666.2/12

In: 3377.011+/-1.550 χ^2/NDF : 275471.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2822.336+/-0.884 χ^2/NDF : 1278666.2/12

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: 2445.294+/-1040.113 χ^2/NDF : 4.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

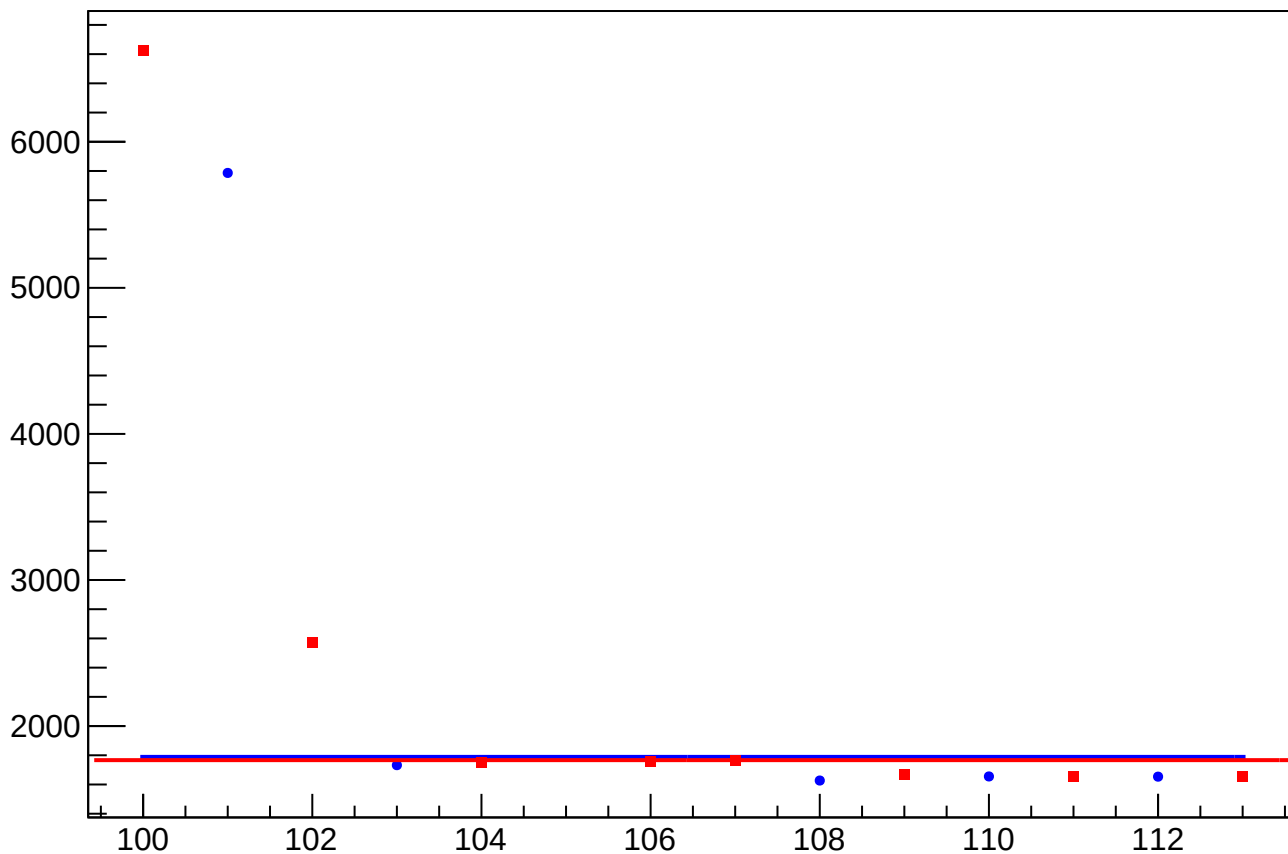
Right: 1923.073+/-789.262 χ^2/NDF : 9.4/12

In: 1214.185+/-1211.832 χ^2/NDF : 4.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1923.073+/-789.262 χ^2/NDF : 9.4/12

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: 1766.763+/-0.731 χ^2/NDF : 177422.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

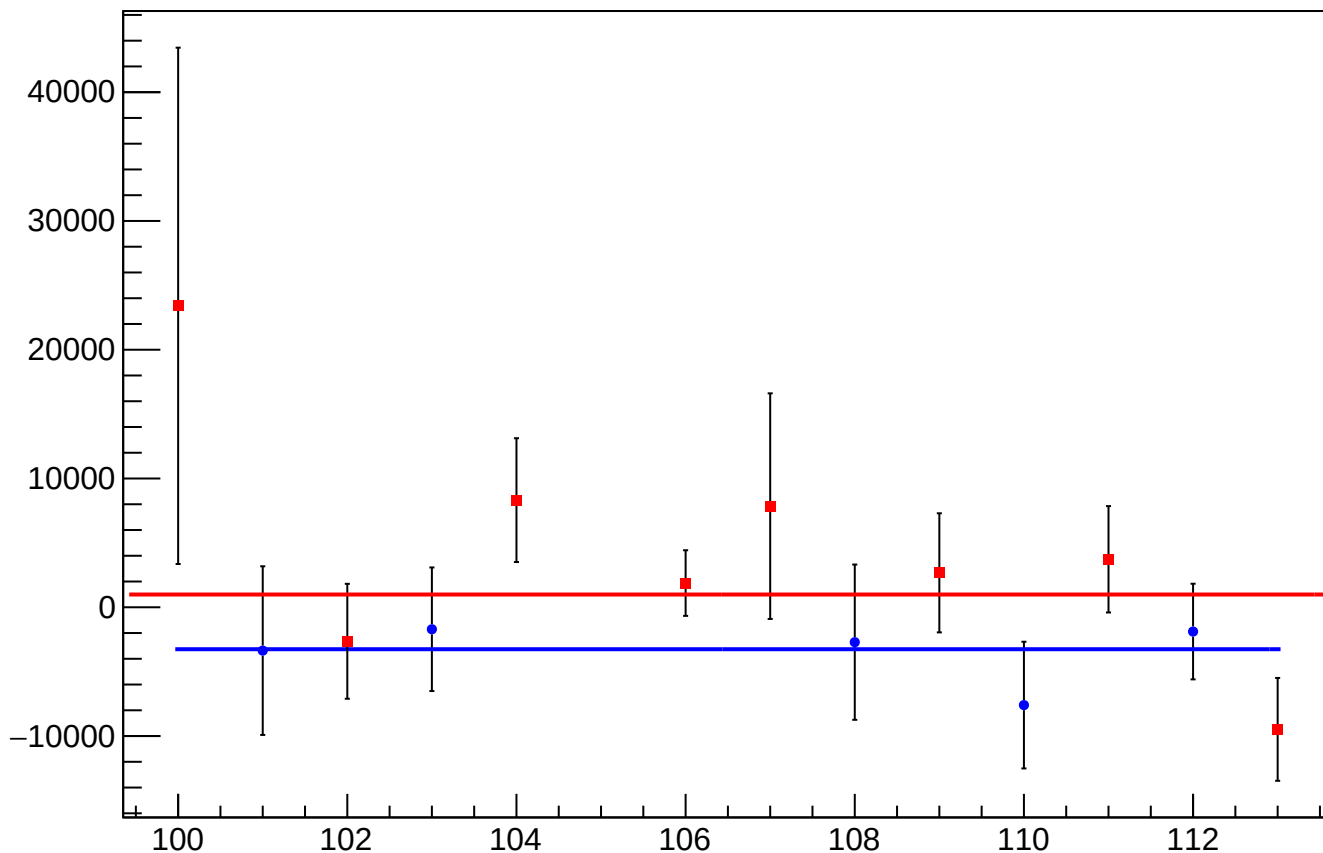
Right: 1776.136+/-0.556 χ^2/NDF : 823738.5/12

In: 1789.030+/-0.857 χ^2/NDF : 645924.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1776.136+/-0.556 χ^2/NDF : 823738.5/12

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: 989.834+/-1523.109 χ^2/NDF : 12.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

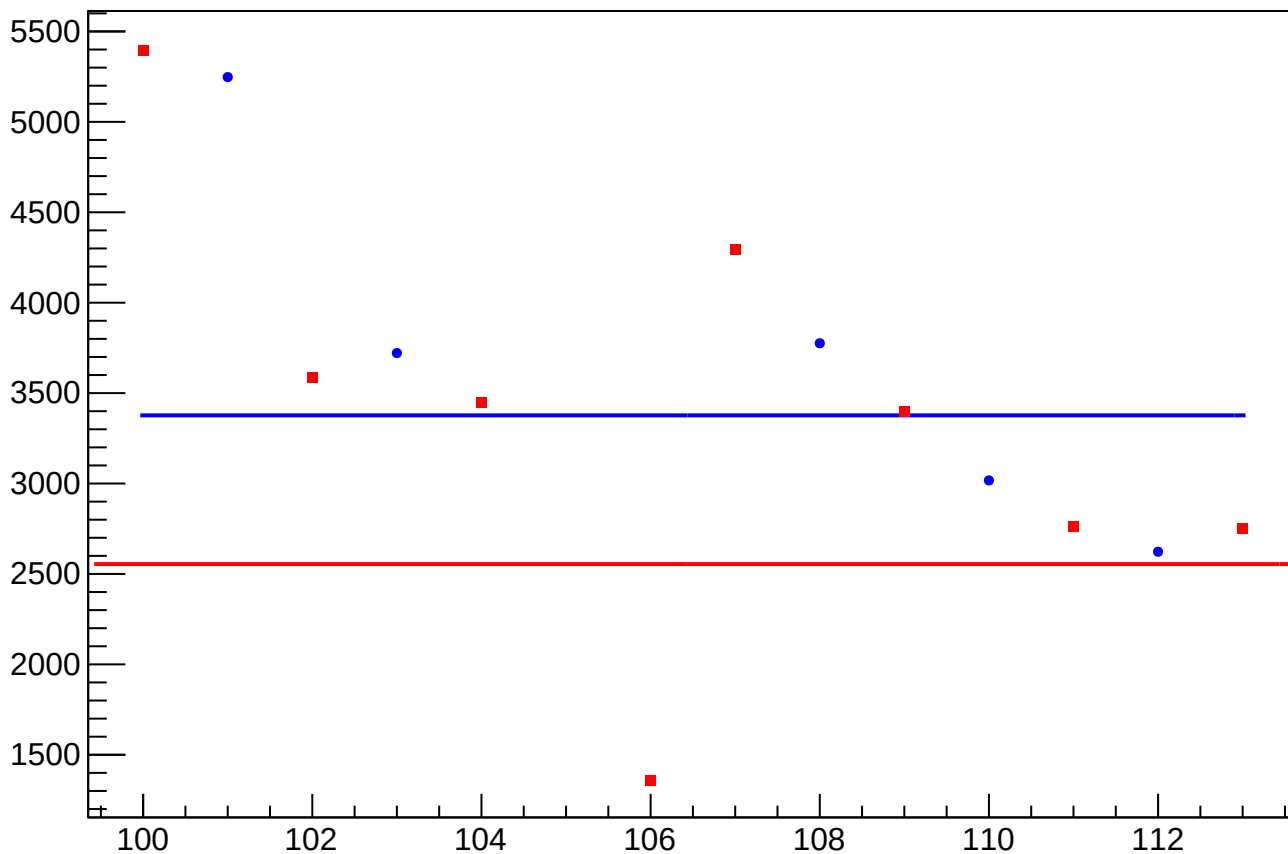
Right: -392.912+/-1250.828 χ^2/NDF : 16.0/12

In: -3257.247+/-2192.157 χ^2/NDF : 1.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -392.912+/-1250.828 χ^2/NDF : 16.0/12

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: 2554.554+/-1.077 χ^2/NDF : 813350.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

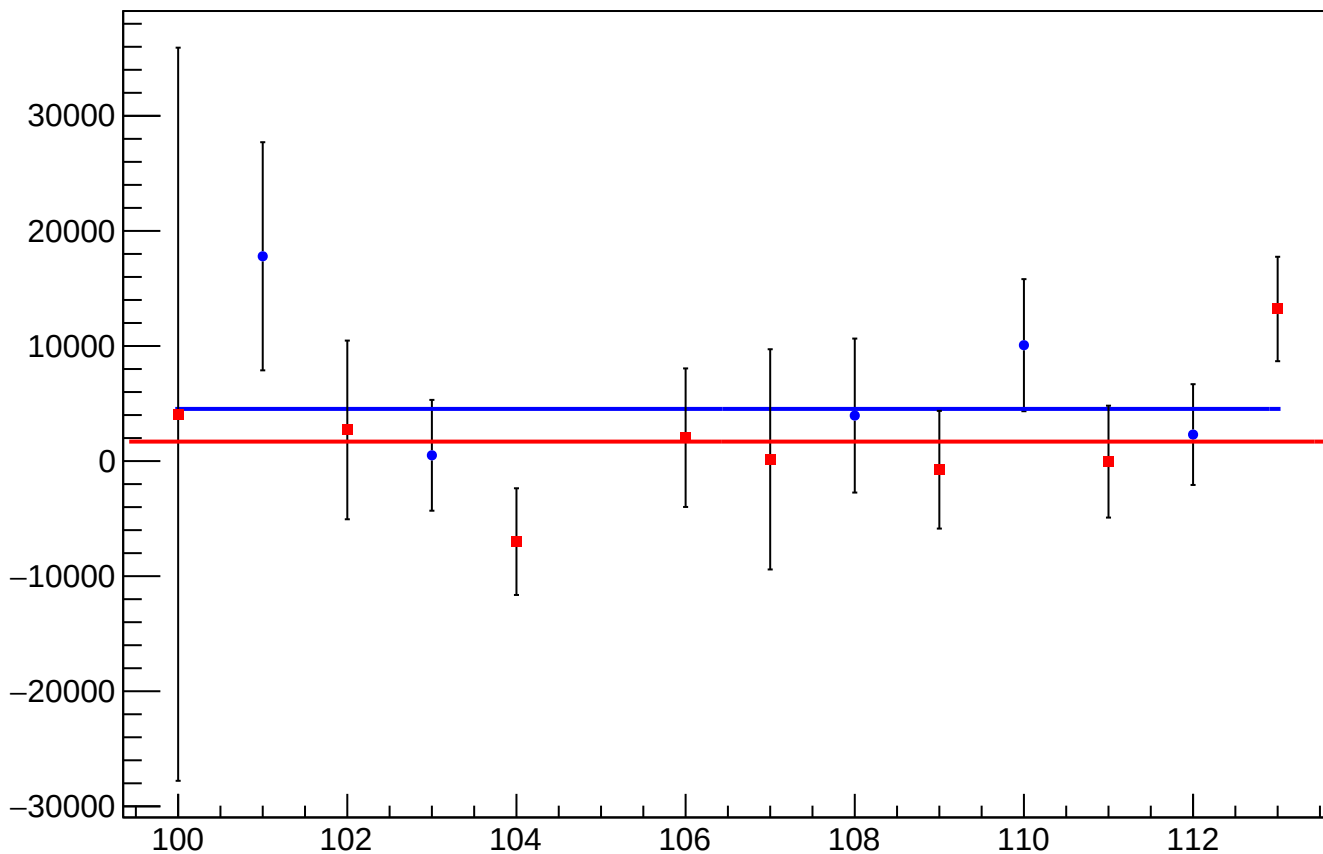
Right: 2822.323+/-0.884 χ^2/NDF : 1278684.5/12

In: 3377.001+/-1.550 χ^2/NDF : 275472.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2822.323+/-0.884 χ^2/NDF : 1278684.5/12

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: 1692.961+/-2077.245 χ^2/NDF : 10.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

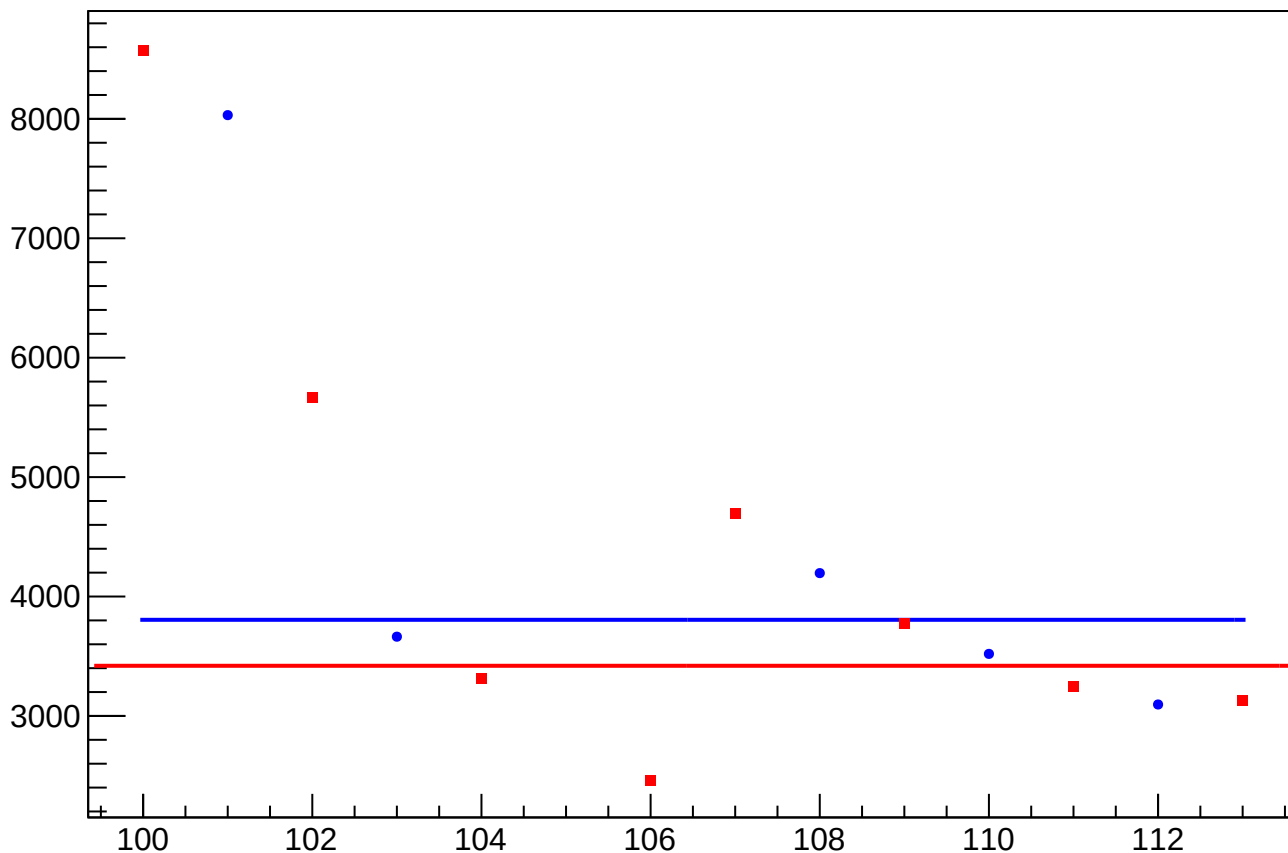
Right: 2845.348+/-1601.402 χ^2/NDF : 14.8/12

In: 4533.636+/-2514.270 χ^2/NDF : 3.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2845.348+/-1601.402 χ^2/NDF : 14.8/12

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: 3419.958+/-1.416 χ^2/NDF : 358980.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

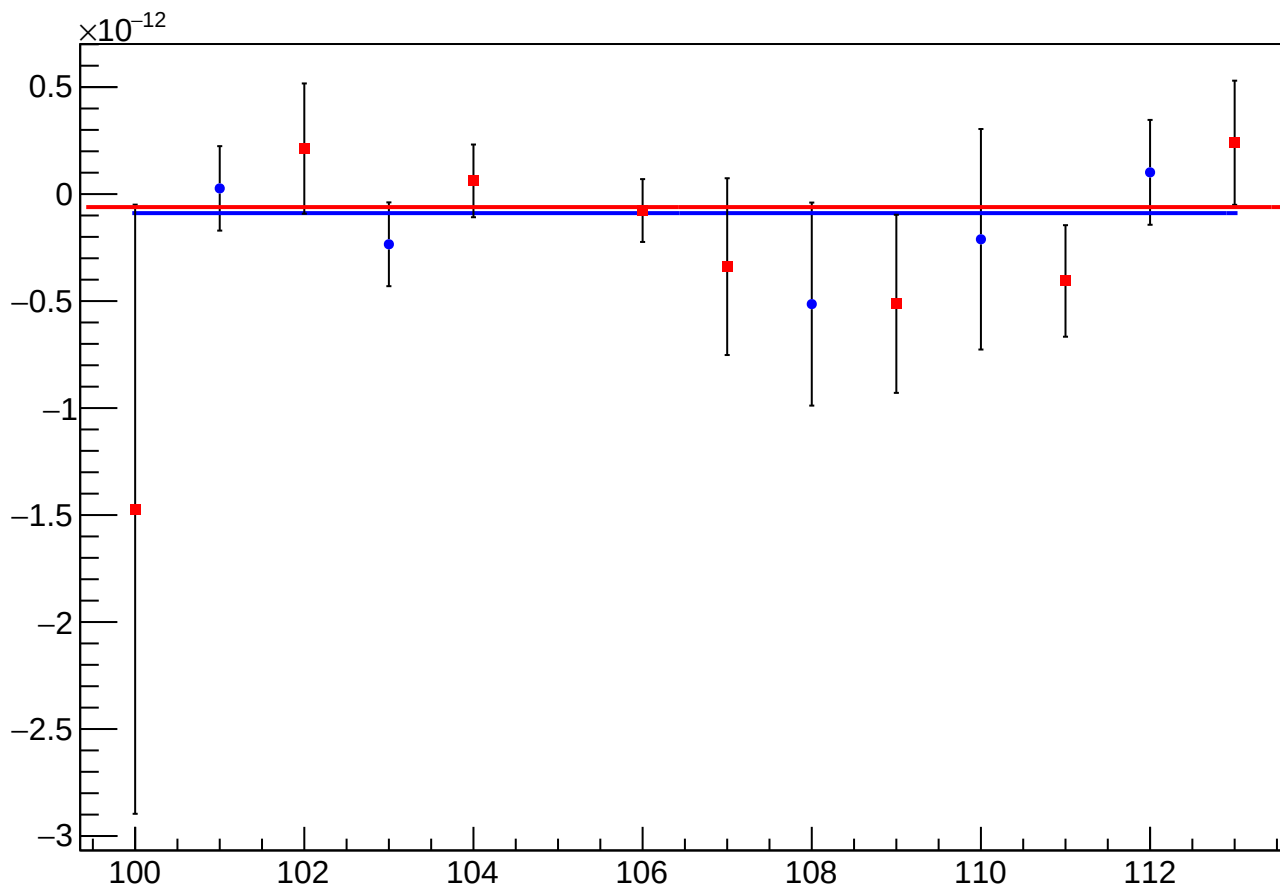
Right: 3569.463+/-1.108 χ^2/NDF : 817223.7/12

In: 3805.020+/-1.778 χ^2/NDF : 429546.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3569.463+/-1.108 χ^2/NDF : 817223.7/12

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 : 6.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

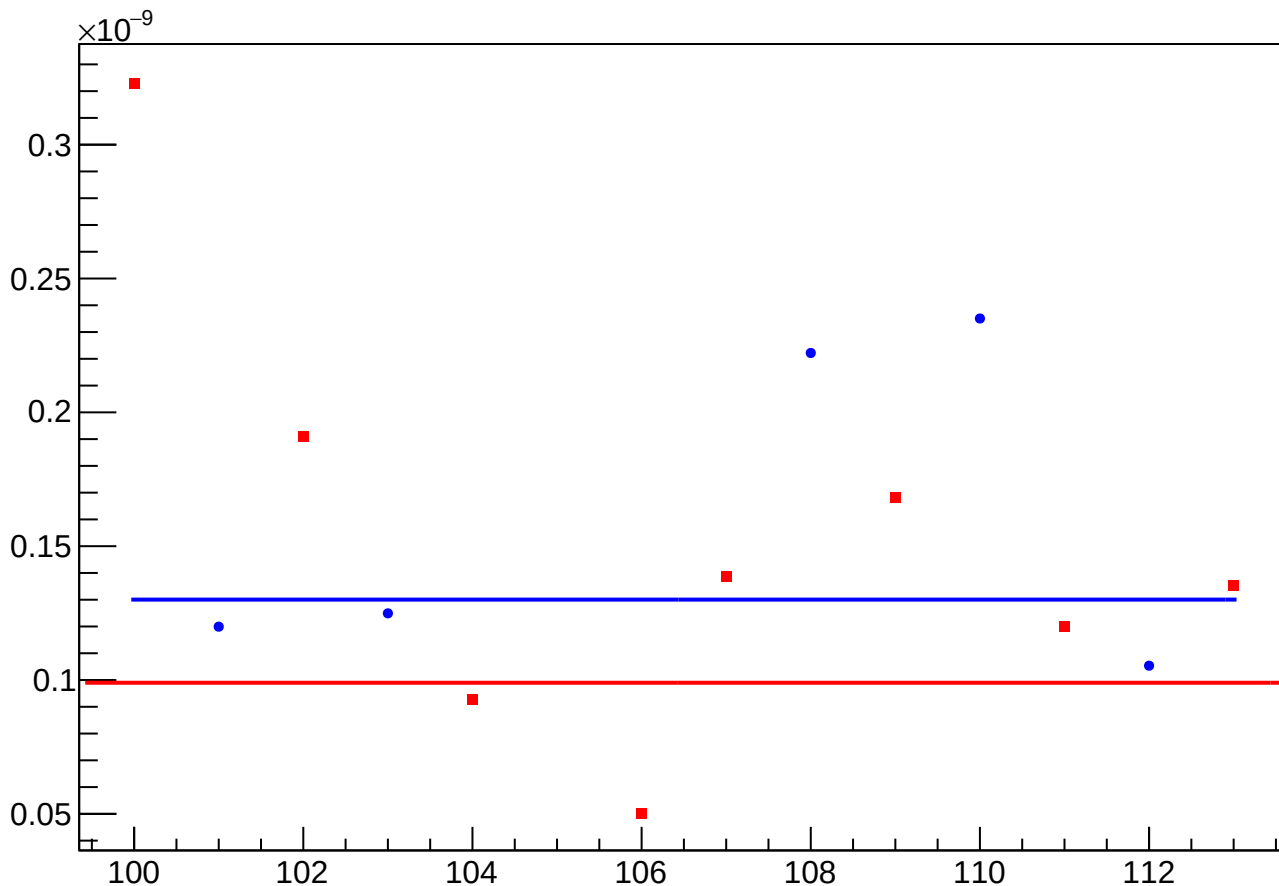
Right: -0.000+/-0.000 χ^2/NDF : 9.2/12

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 : 9.2/12

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 : 574312.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

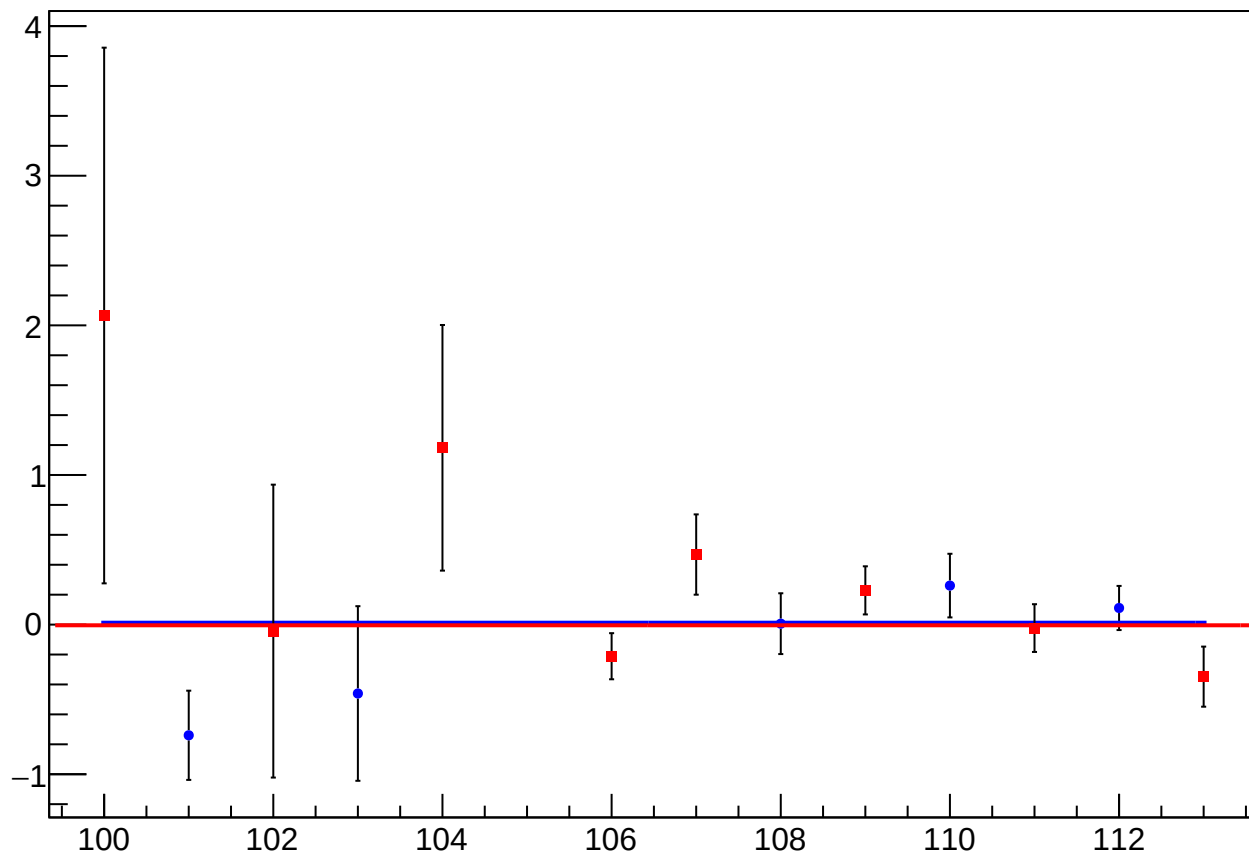
Right: 0.000+/-0.000 χ^2/NDF : 852895.3/12

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 : 852895.3/12

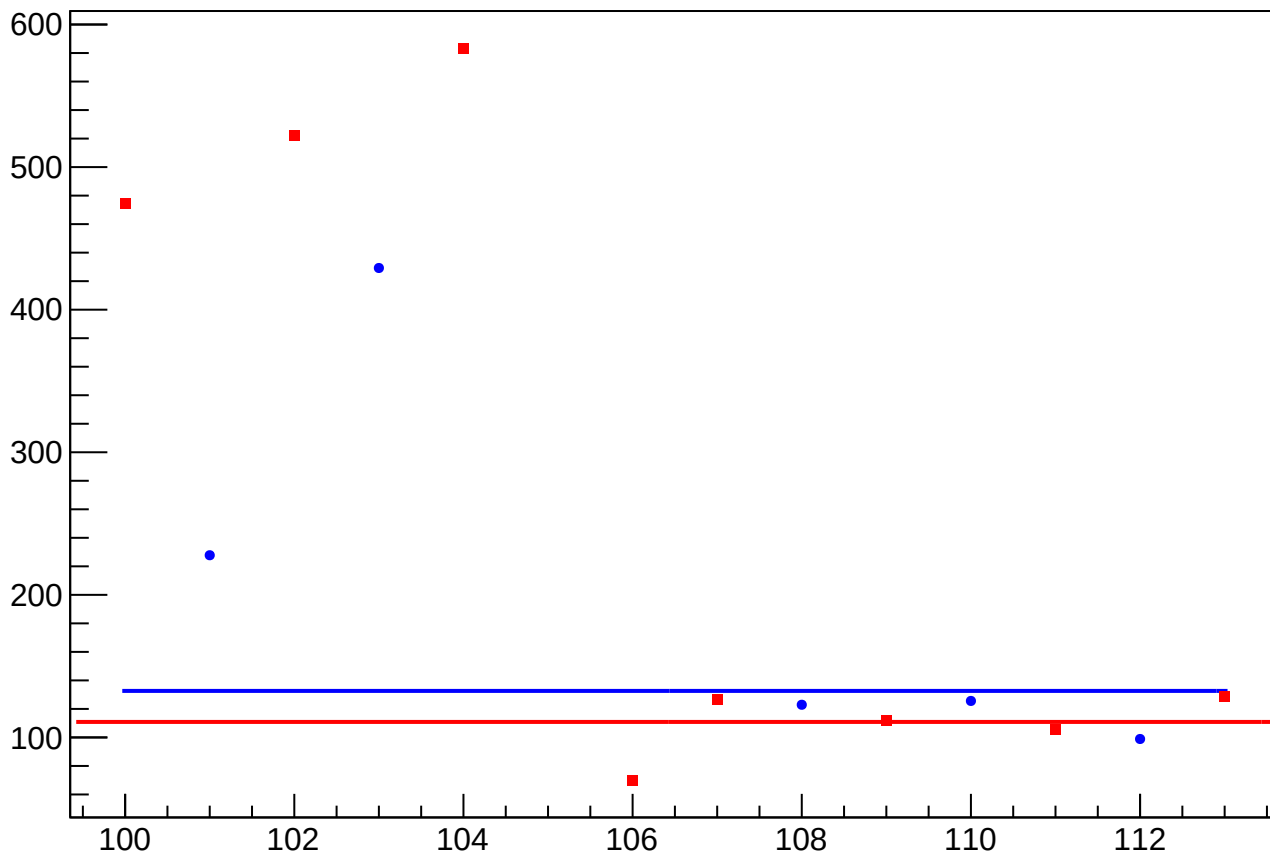
asym_atr1l2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.097 χ^2 /NDF: 8.8/4
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.005 $\pm$ 0.079 χ^2 /NDF: 13.4/7
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.002 $\pm$ 0.061 χ^2 /NDF: 22.2/12
 In: 0.013 $\pm$ 0.097 χ^2 /NDF:8.8/4
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.002 $\pm$ 0.061 χ^2 /NDF: 22.2/12

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: 110.877+/-0.056 χ^2/NDF : 1265632.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

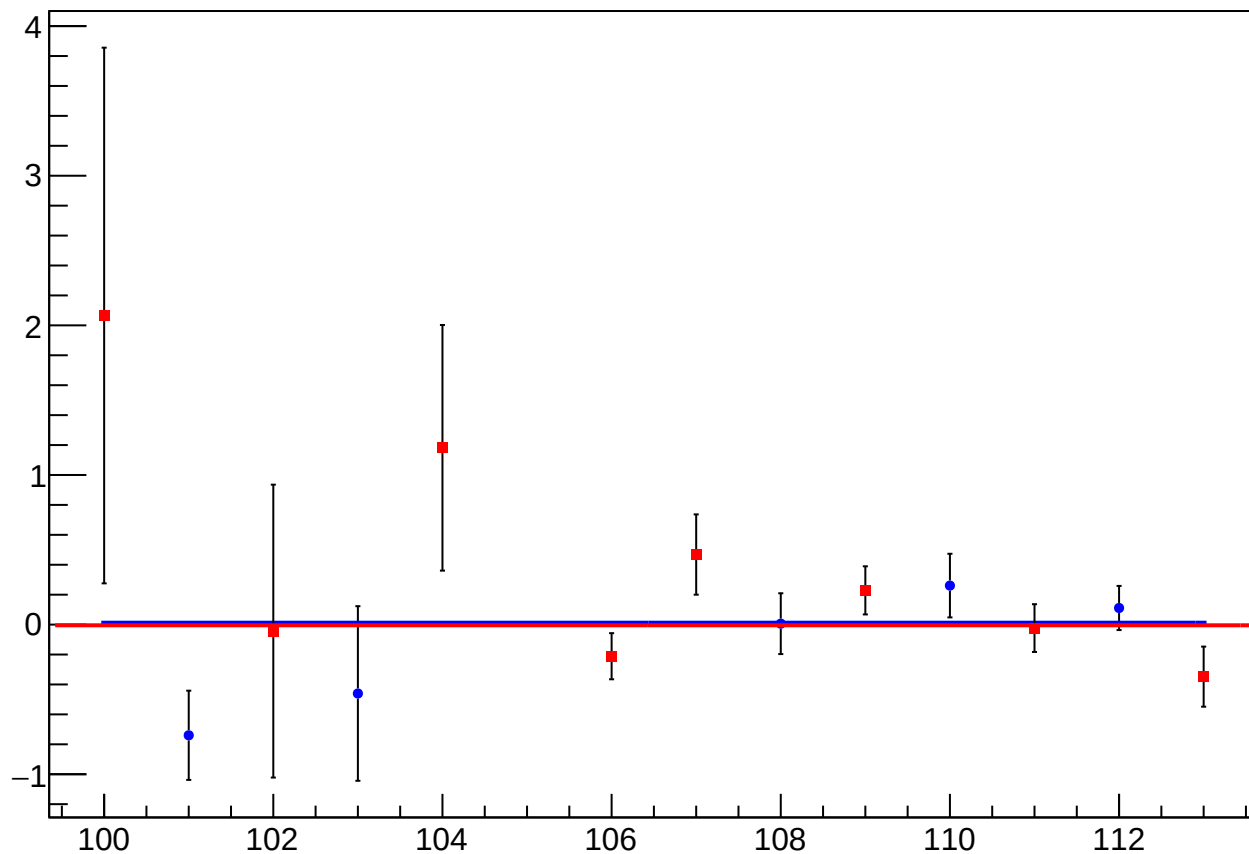
Right: 119.521+/-0.043 χ^2/NDF : 2158198.8/12

In: 132.633+/-0.069 χ^2/NDF : 831790.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.521+/-0.043 χ^2/NDF : 2158198.8/12

asym_atr1l2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.097 χ^2 /NDF: 8.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.005 $\pm$ 0.079 χ^2 /NDF: 13.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

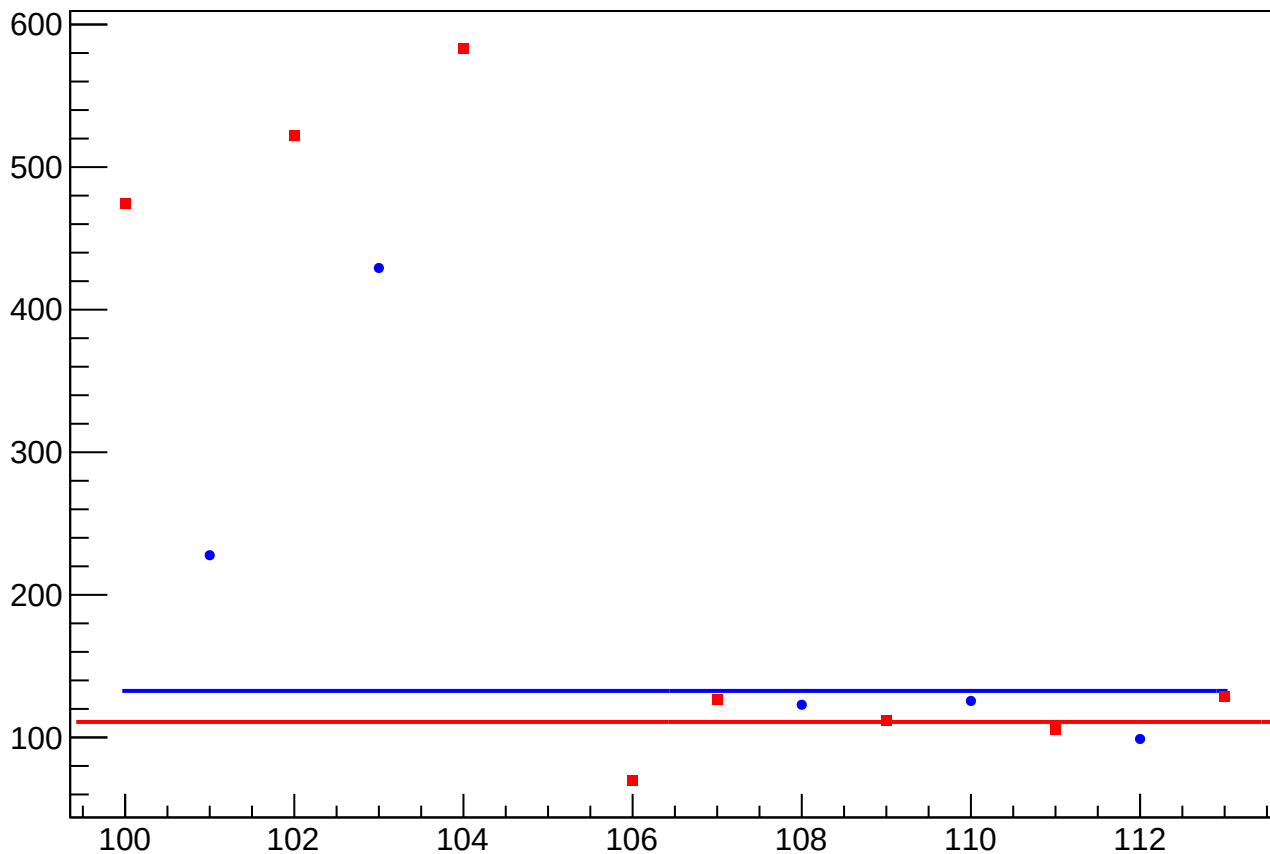
Right: 0.002 $\pm$ 0.061 χ^2 /NDF: 22.2/12

In: 0.013 $\pm$ 0.097 χ^2 /NDF:8.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.061 χ^2 /NDF: 22.2/12

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: 110.877+/-0.056 χ^2/NDF : 1265632.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

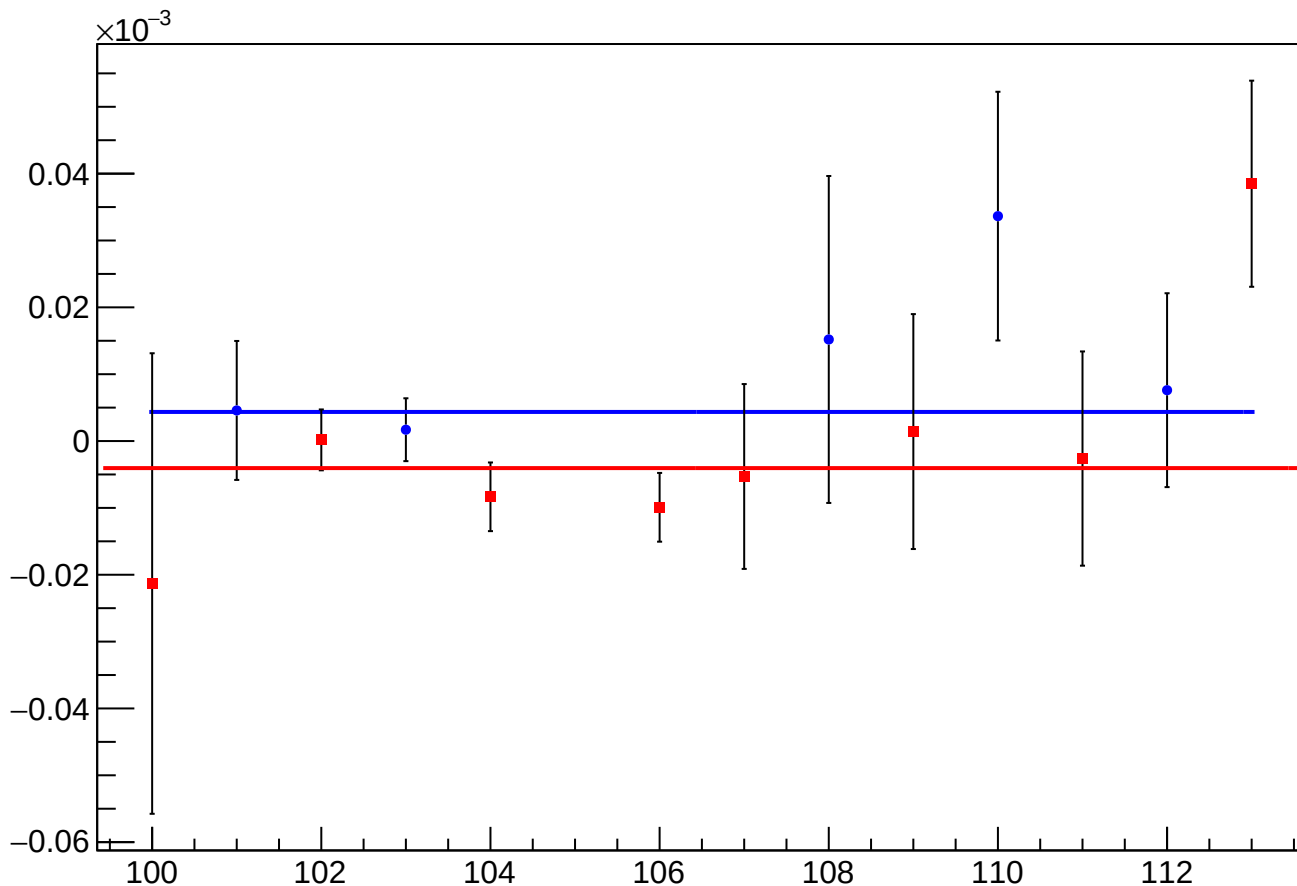
Right: 119.521+/-0.043 χ^2/NDF : 2158198.8/12

In: 132.633+/-0.069 χ^2/NDF : 831790.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.521+/-0.043 χ^2/NDF : 2158198.8/12

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 : 10.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

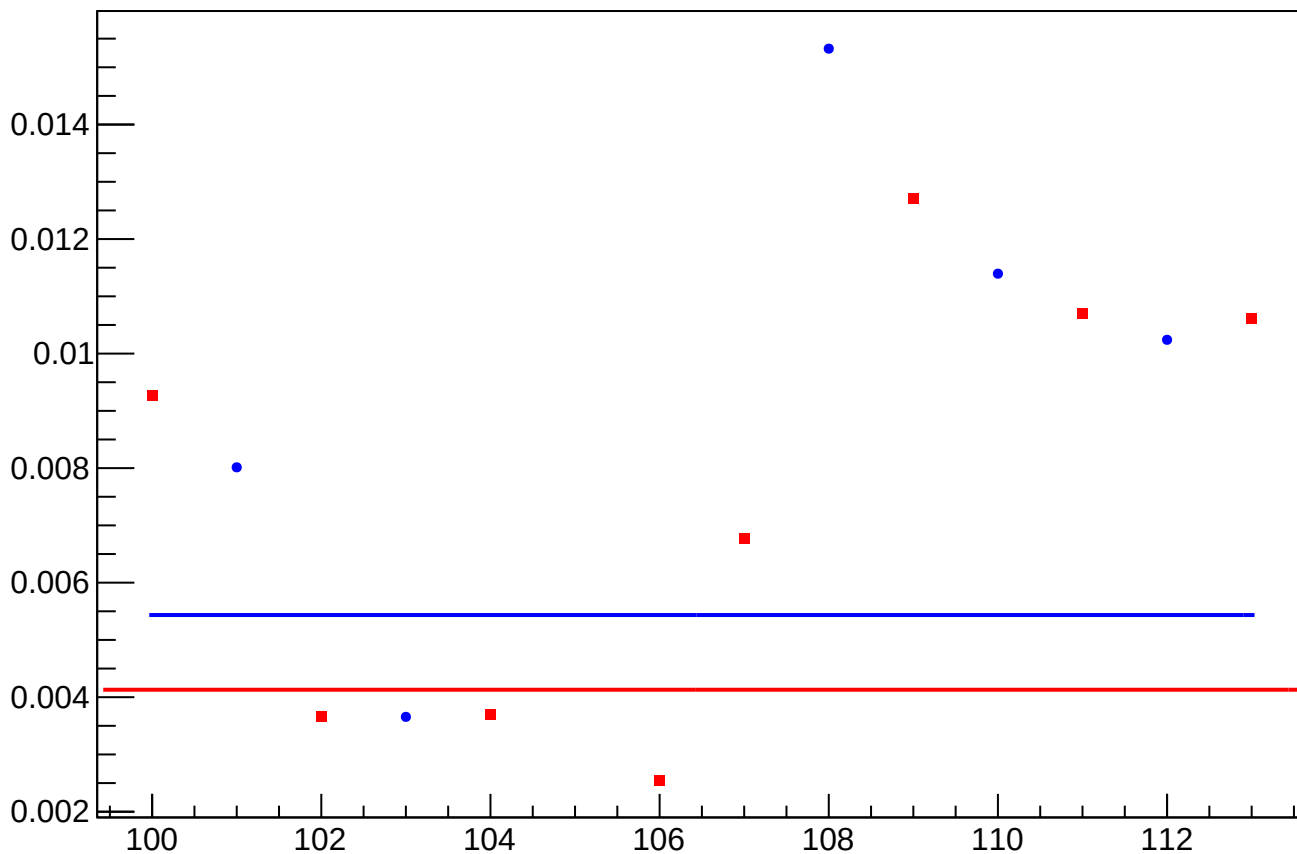
Right: -0.000+/-0.000 χ^2/NDF : 17.0/12

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 : 17.0/12

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 : 1510628.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

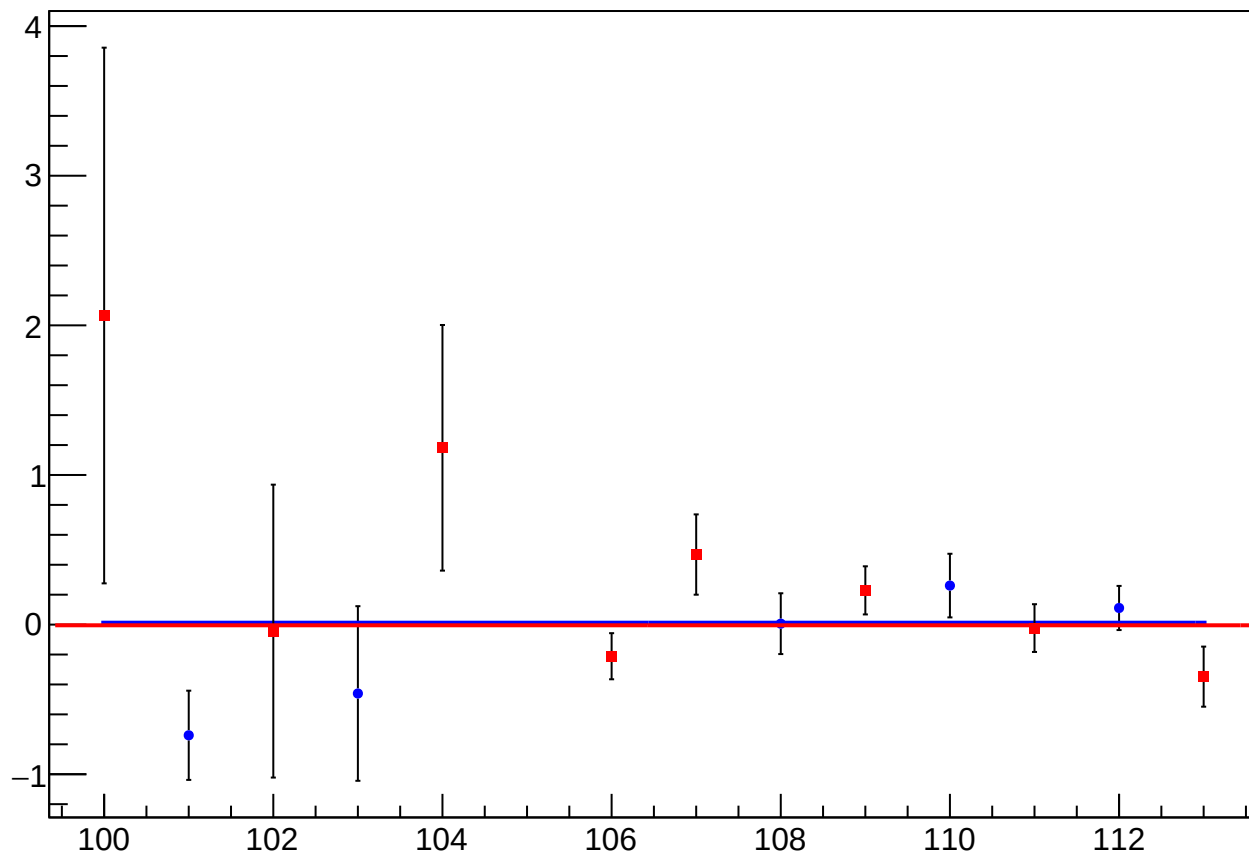
Right: 0.005+/-0.000 χ^2/NDF : 2822036.2/12

In: 0.005+/-0.000 χ^2/NDF : 1161694.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2822036.2/12

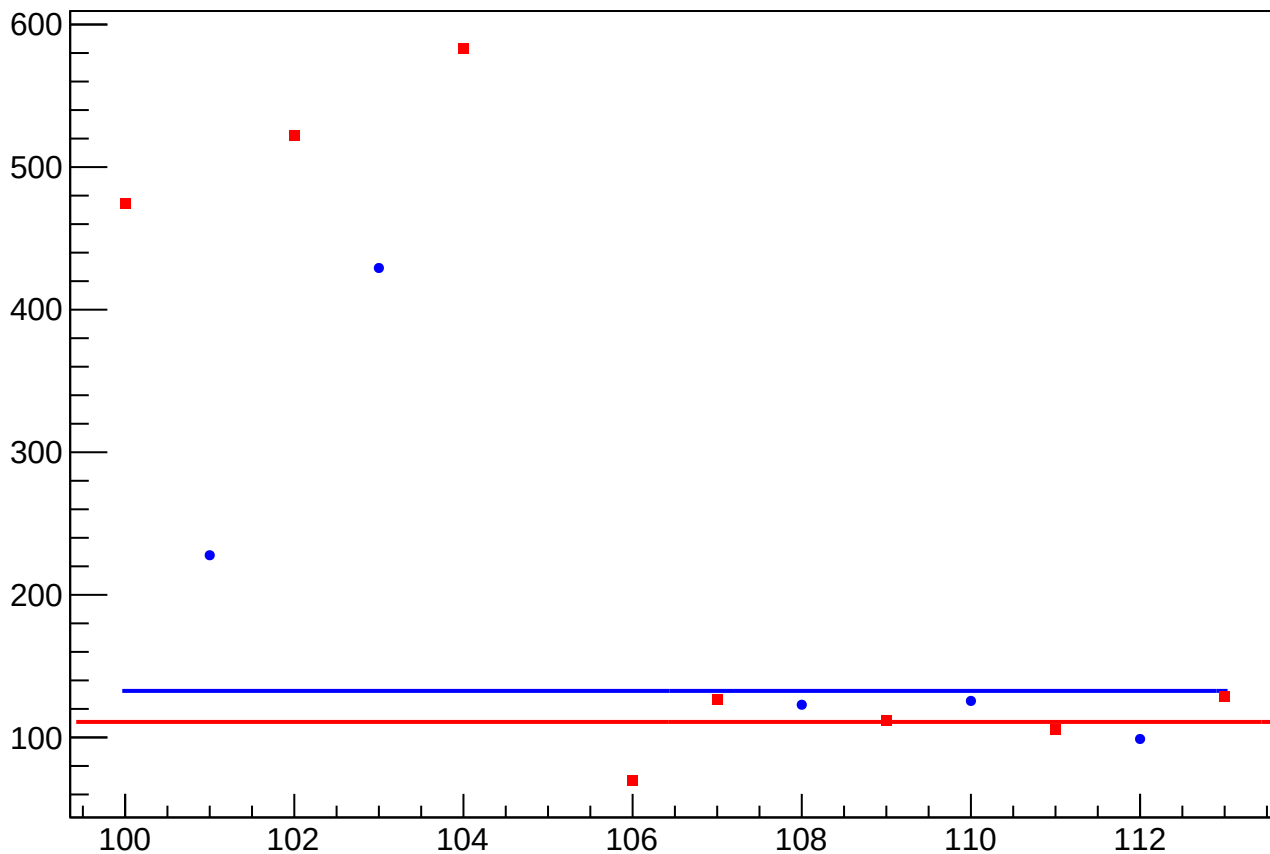
asym_atr1l2_avg_eigen_dit_vs_slug, Sign Corrected



Right In: 0.013 $\pm$ 0.097 χ^2 /NDF: 8.8/4
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.005 $\pm$ 0.079 χ^2 /NDF: 13.4/7
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.002 $\pm$ 0.061 χ^2 /NDF: 22.2/12
 In: 0.013 $\pm$ 0.097 χ^2 /NDF:8.8/4
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.002 $\pm$ 0.061 χ^2 /NDF: 22.2/12

asym_atr1l2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.640+/-0.069 χ^2/NDF : 831736.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.879+/-0.056 χ^2/NDF : 1265609.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

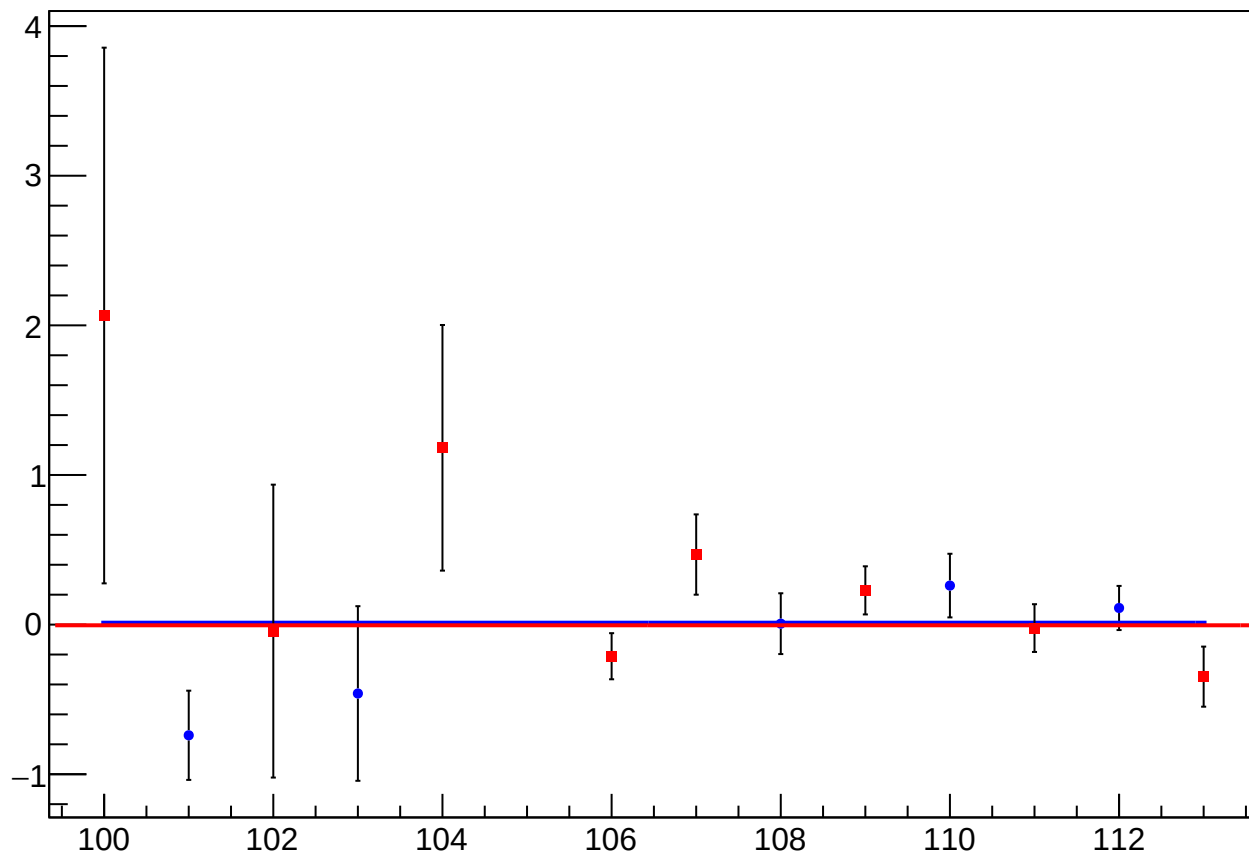
Right: 119.525+/-0.043 χ^2/NDF : 2158145.2/12

In: 132.640+/-0.069 χ^2/NDF : 831736.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.525+/-0.043 χ^2/NDF : 2158145.2/12

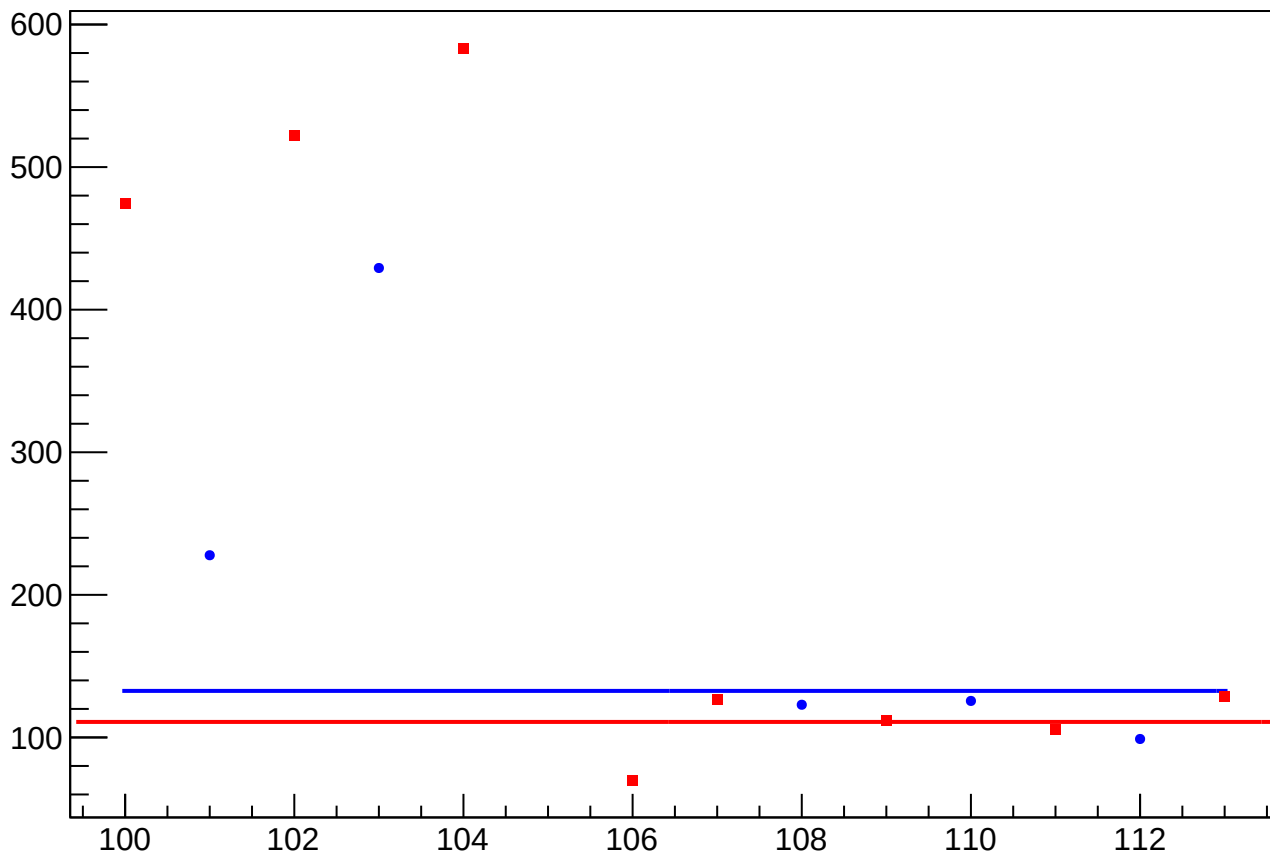
asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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: -0.005+/-0.079 χ^2/NDF : 13.4/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.002+/-0.061 χ^2/NDF : 22.2/12
 In: 0.013+/-0.097 χ^2/NDF : 8.8/4
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.002+/-0.061 χ^2/NDF : 22.2/12

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.640+/-0.069 χ^2/NDF : 831736.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.879+/-0.056 χ^2/NDF : 1265609.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

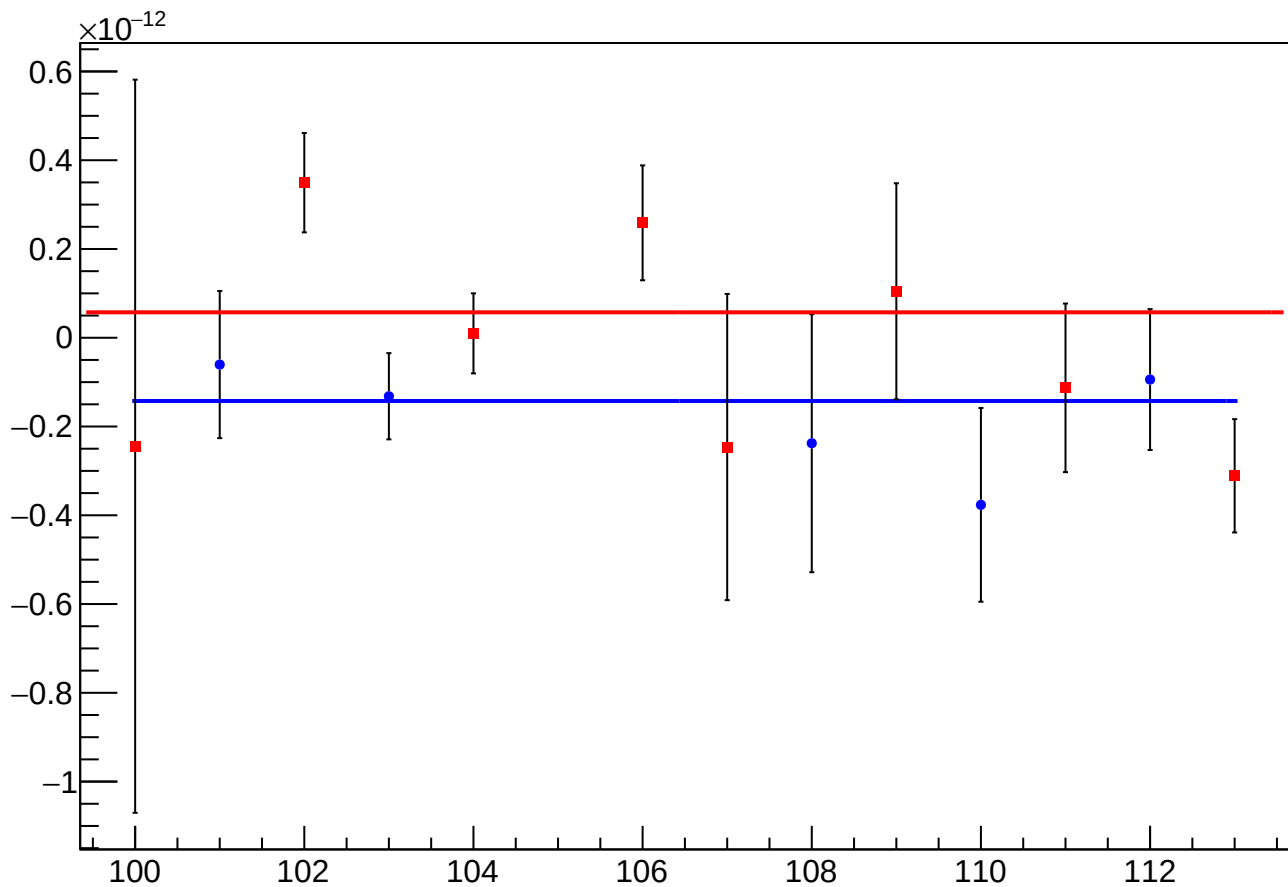
Right: 119.525+/-0.043 χ^2/NDF : 2158145.2/12

In: 132.640+/-0.069 χ^2/NDF : 831736.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.525+/-0.043 χ^2/NDF : 2158145.2/12

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 : 19.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

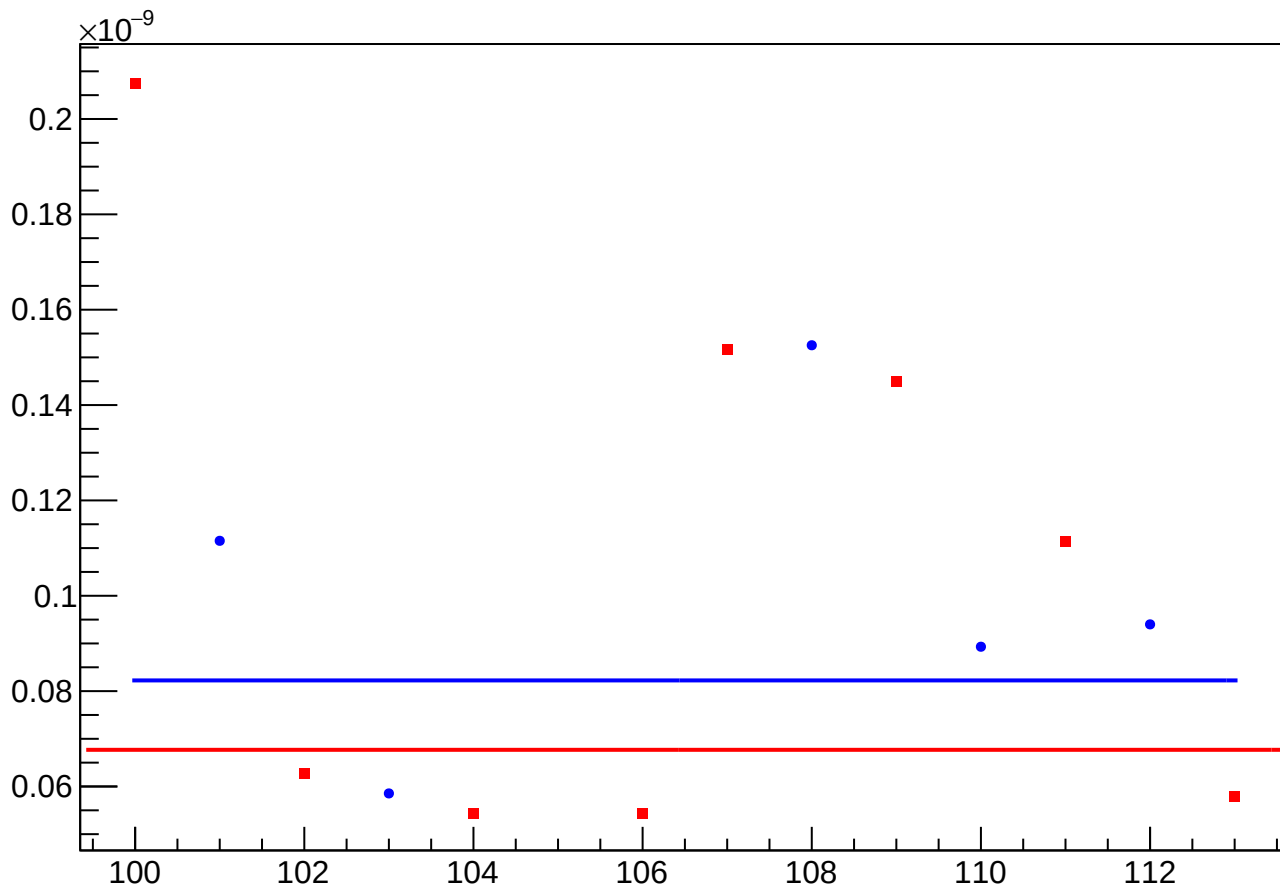
Right: -0.000+/-0.000 χ^2/NDF : 26.7/12

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 : 26.7/12

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 : 563538.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

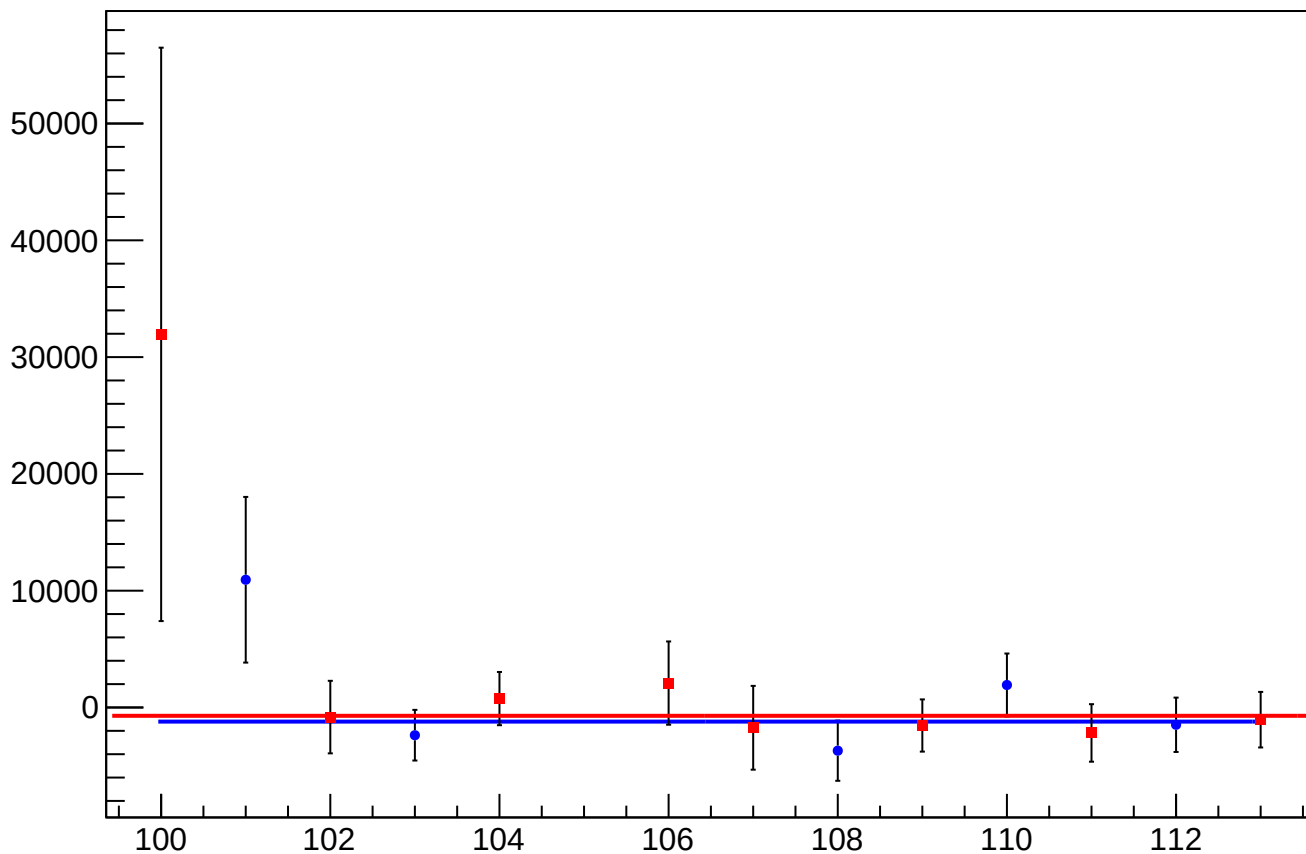
Right: 0.000+/-0.000 χ^2/NDF : 933156.5/12

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 : 933156.5/12

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: -711.746+/-1002.015 χ^2 /NDF: 3.4/7

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

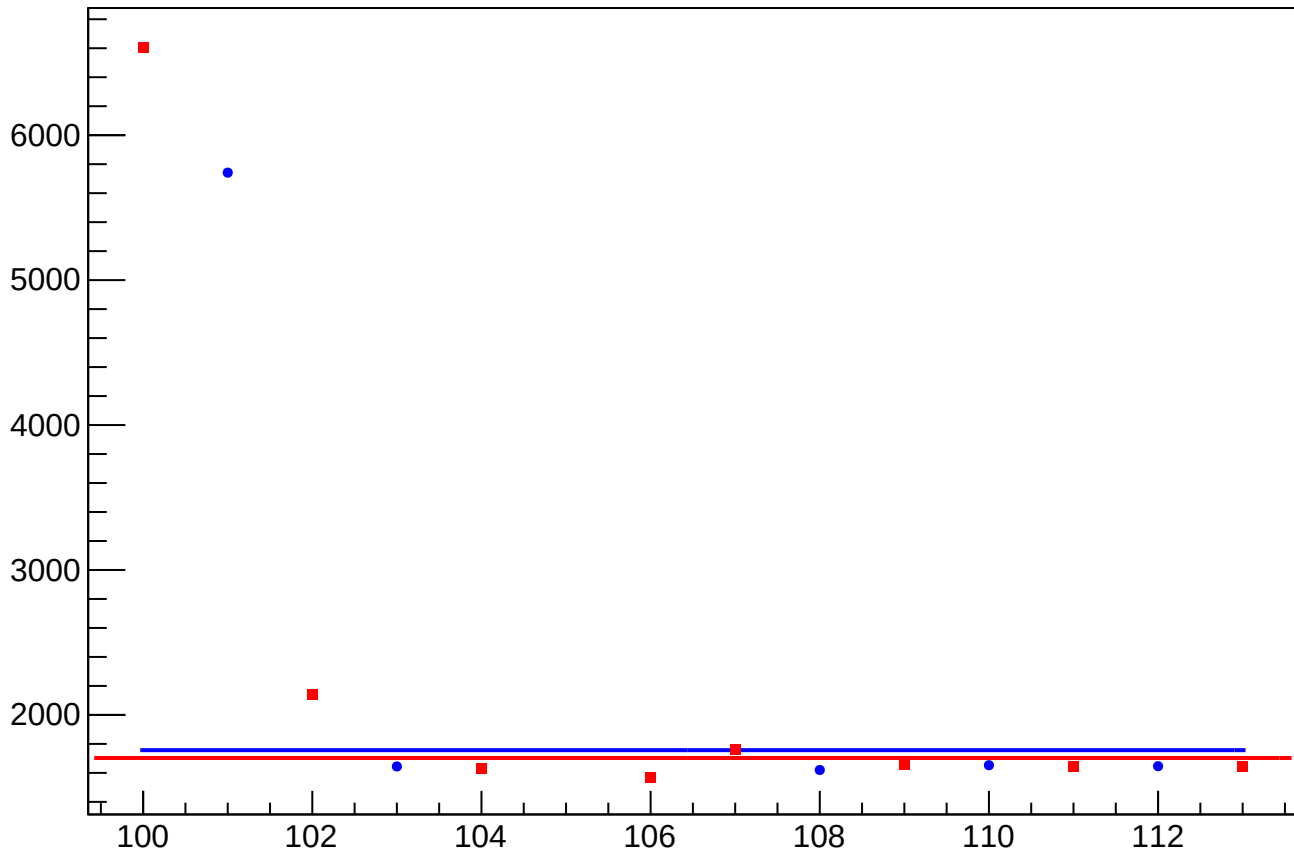
Right: -917.886+/-766.591 χ^2 /NDF: 9.0/12

In: -1208.828+/-1190.409 χ^2 /NDF: 5.5/4

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -917.886+/-766.591 χ^2 /NDF: 9.0/12

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: 1702.790+/-0.697 χ^2/NDF : 129887.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

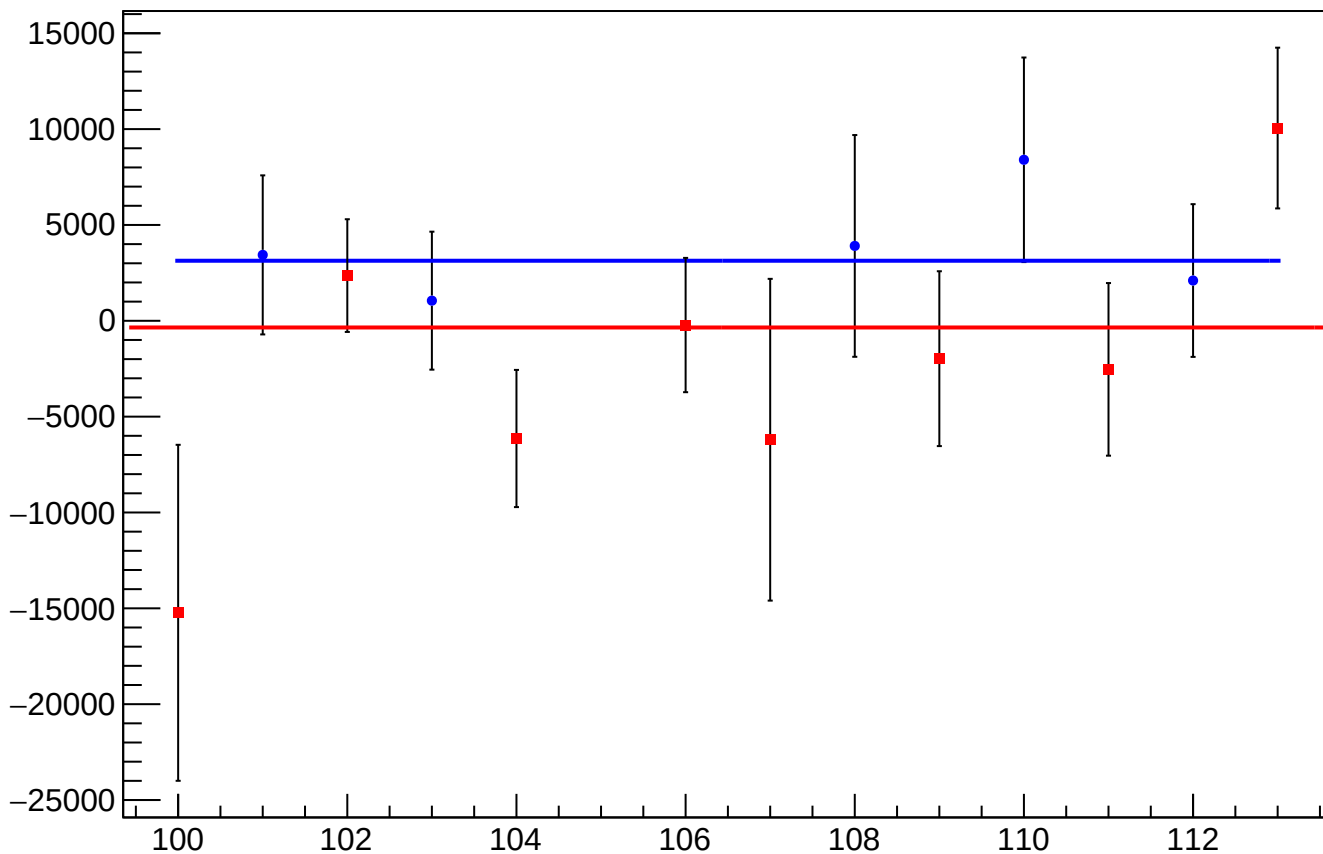
Right: 1724.699+/-0.537 χ^2/NDF : 782090.1/12

In: 1756.693+/-0.842 χ^2/NDF : 649768.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1724.699+/-0.537 χ^2/NDF : 782090.1/12

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: -348.602+/-1479.637 χ^2/NDF : 13.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

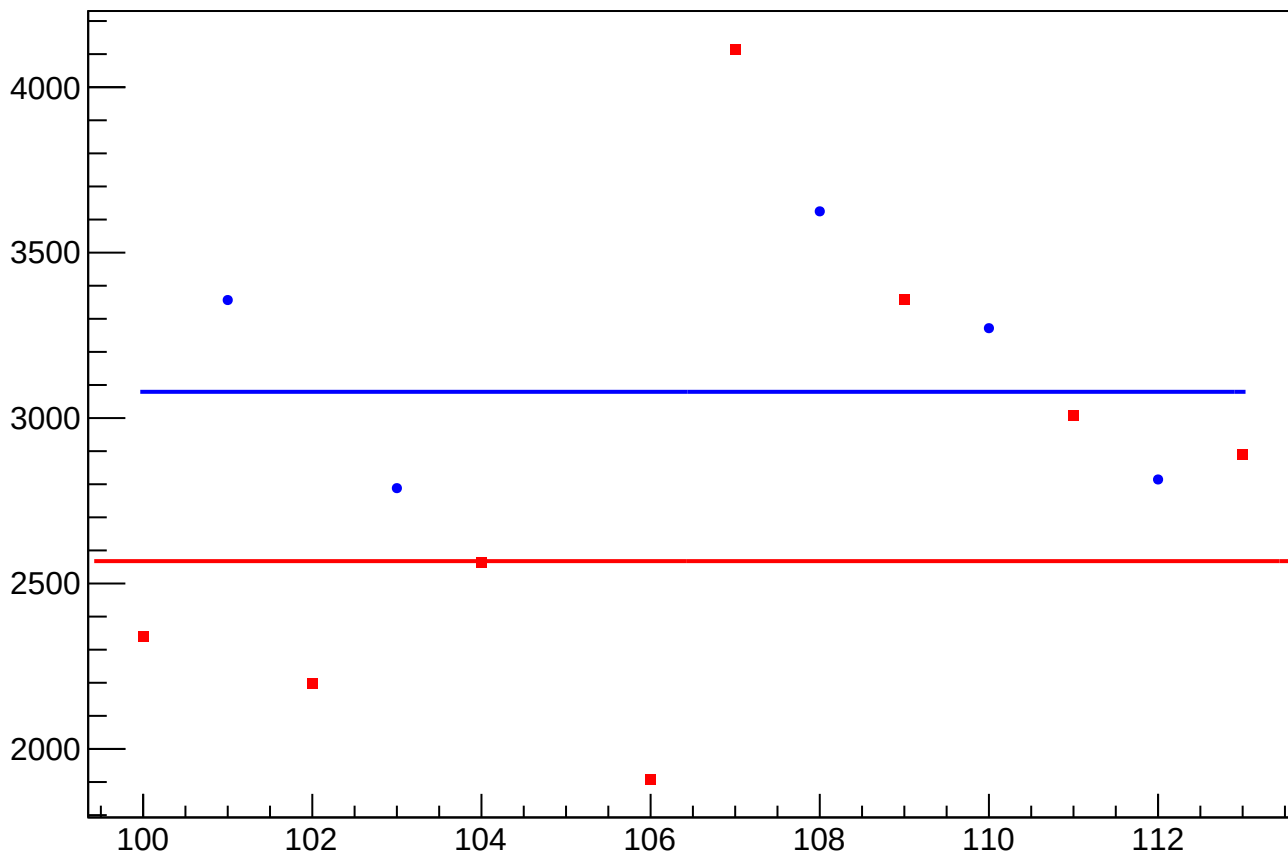
Right: 924.506+/-1178.434 χ^2/NDF : 16.8/12

In: 3132.766+/-1948.712 χ^2/NDF : 1.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 924.506+/-1178.434 χ^2/NDF : 16.8/12

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: 2567.653+/-1.046 χ^2/NDF : 263361.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

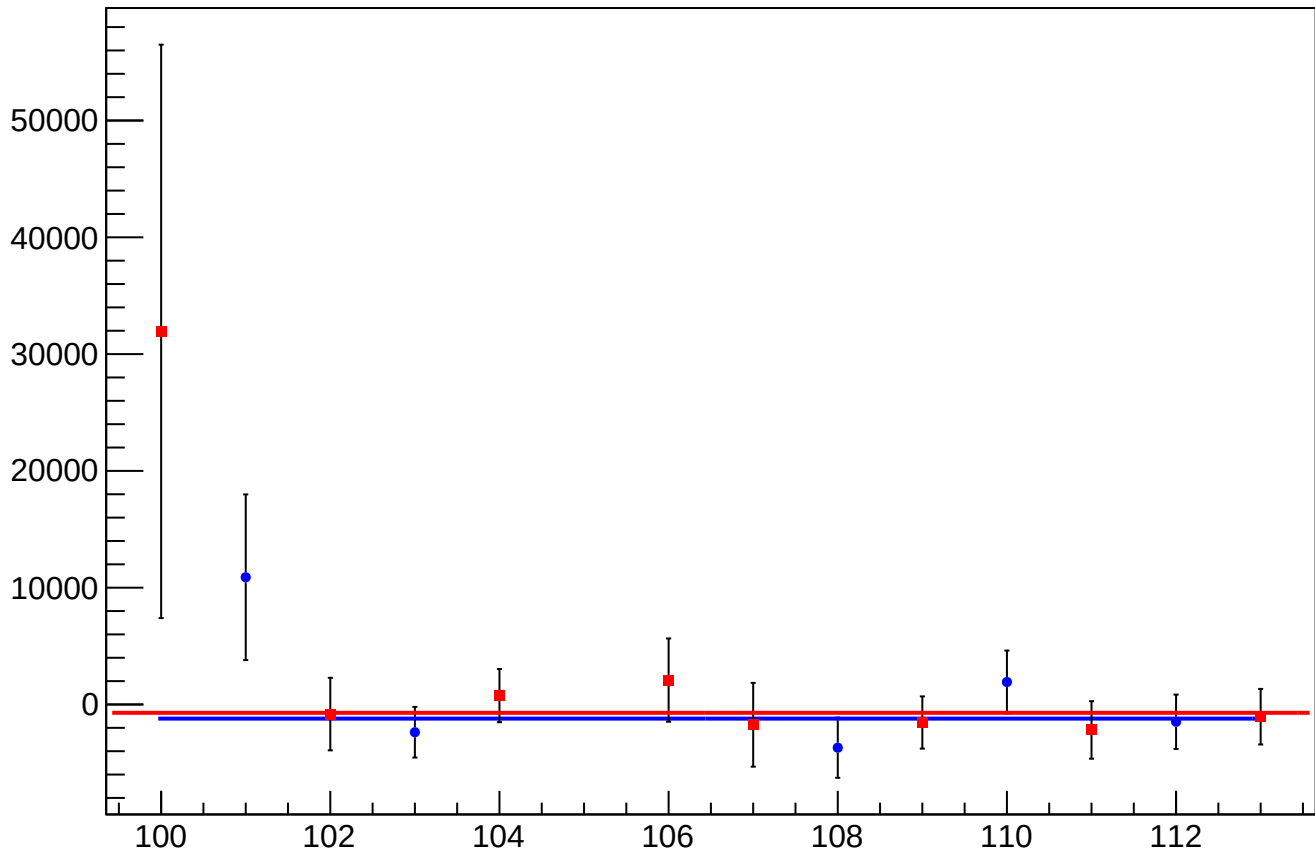
Right: 2754.783+/-0.833 χ^2/NDF : 402095.4/12

In: 3079.368+/-1.378 χ^2/NDF : 51257.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2754.783+/-0.833 χ^2/NDF : 402095.4/12

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: -711.582+/-1002.015 χ^2 /NDF: 3.4/7

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

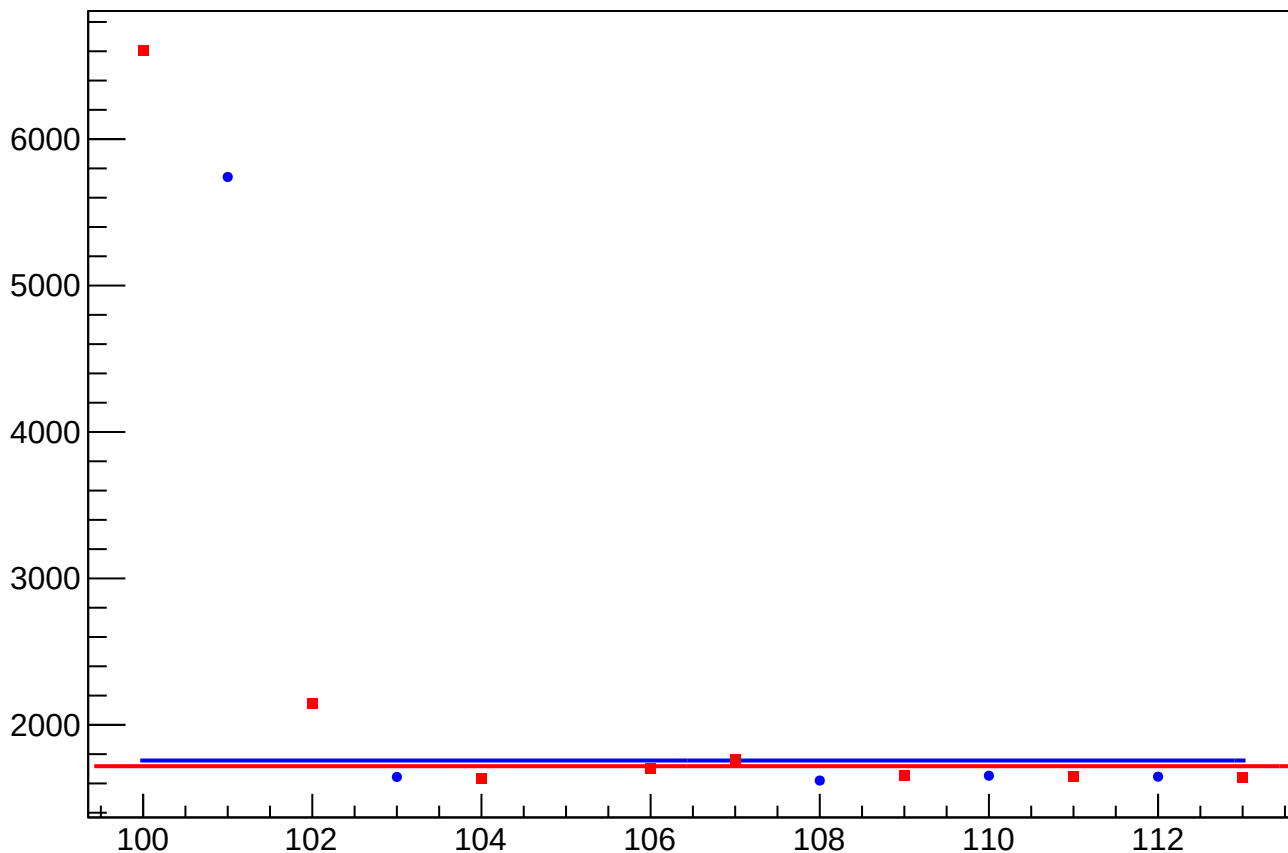
Right: -918.298+/-766.591 χ^2 /NDF: 9.0/12

In: -1210.052+/-1190.410 χ^2 /NDF: 5.5/4

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -918.298+/-766.591 χ^2 /NDF: 9.0/12

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: 1717.691+/-0.702 χ^2/NDF : 125333.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

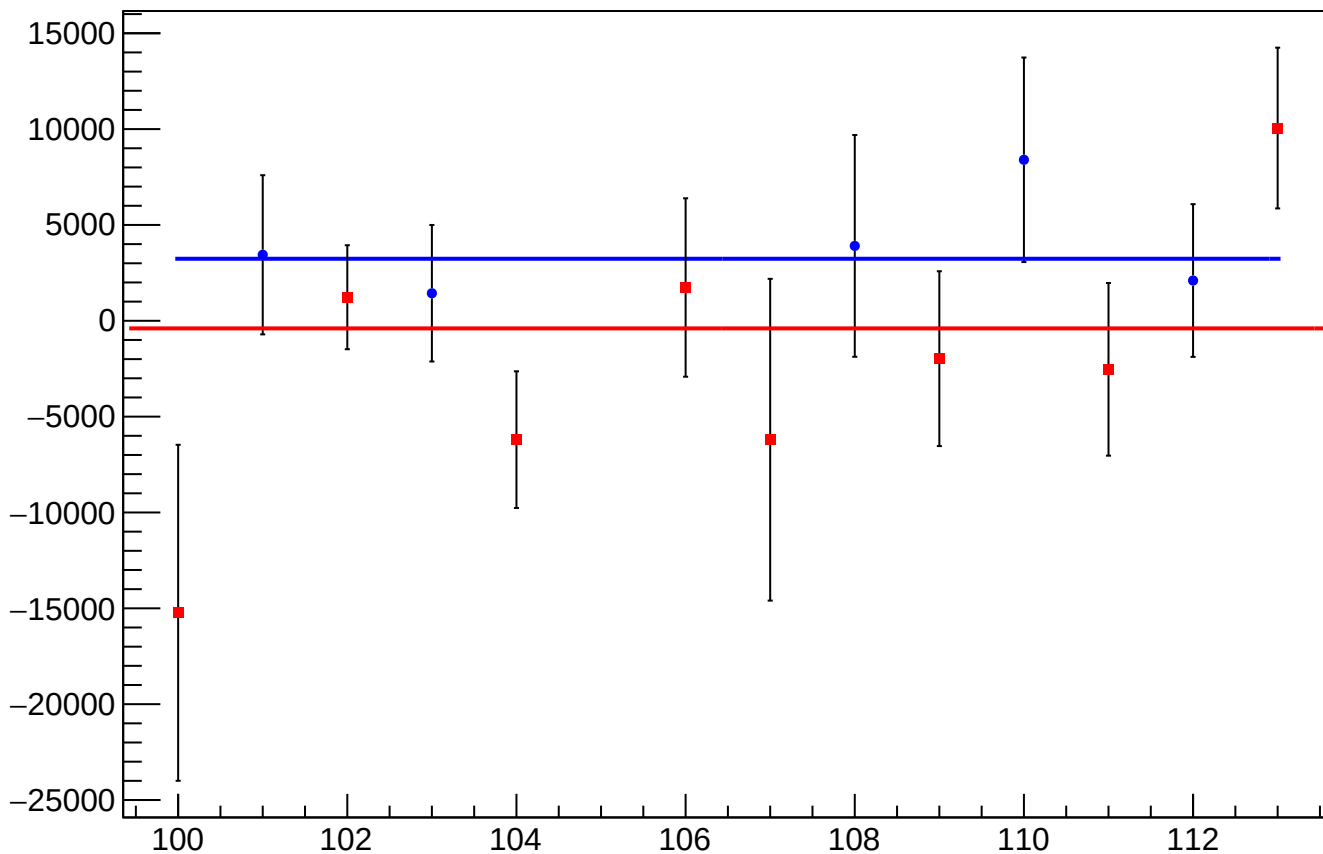
Right: 1733.700+/-0.539 χ^2/NDF : 776367.9/12

In: 1756.692+/-0.842 χ^2/NDF : 649768.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1733.700+/-0.539 χ^2/NDF : 776367.9/12

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: -396.068+/-1503.771 χ^2/NDF : 13.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

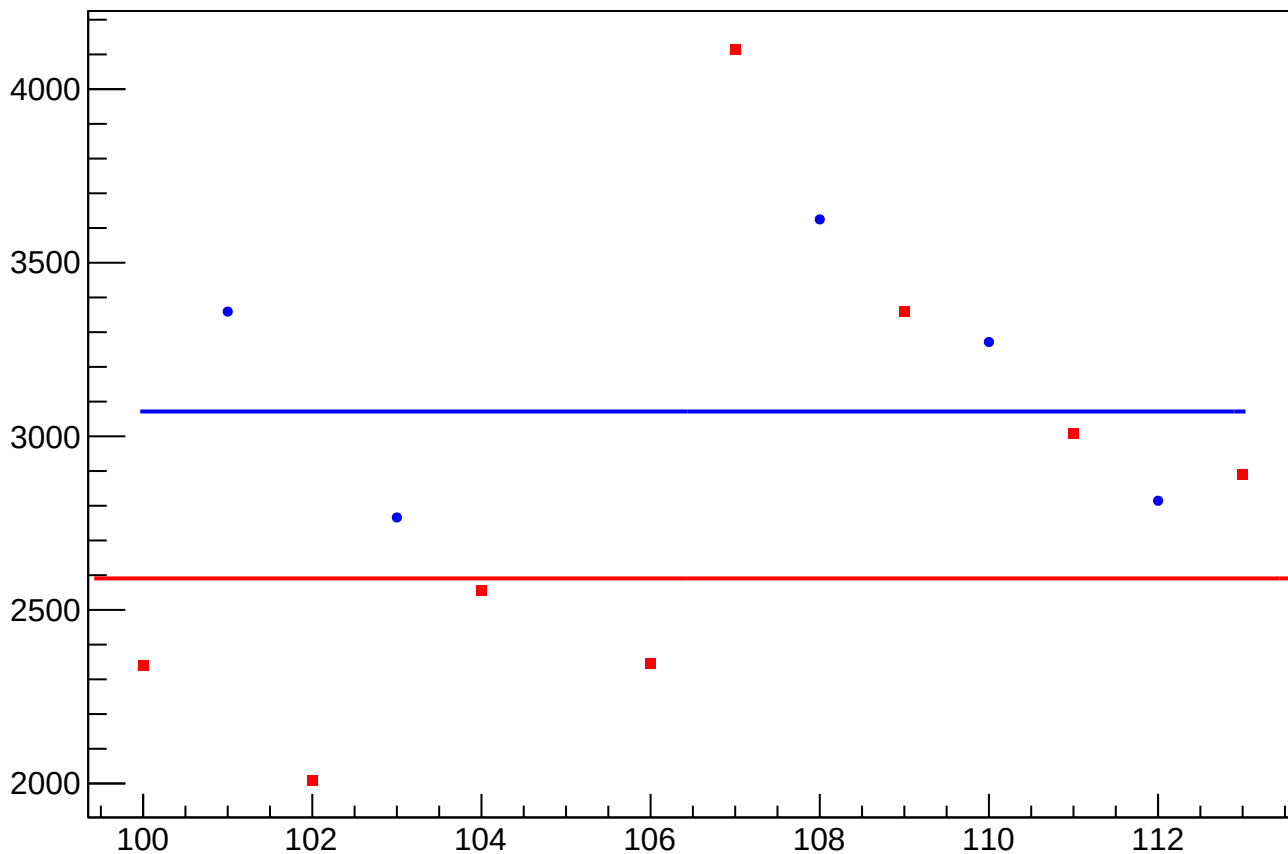
Right: 964.563+/-1189.209 χ^2/NDF : 16.6/12

In: 3236.094+/-1942.991 χ^2/NDF : 1.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 964.563+/-1189.209 χ^2/NDF : 16.6/12

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: 2590.691+/-1.063 χ^2/NDF : 248995.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

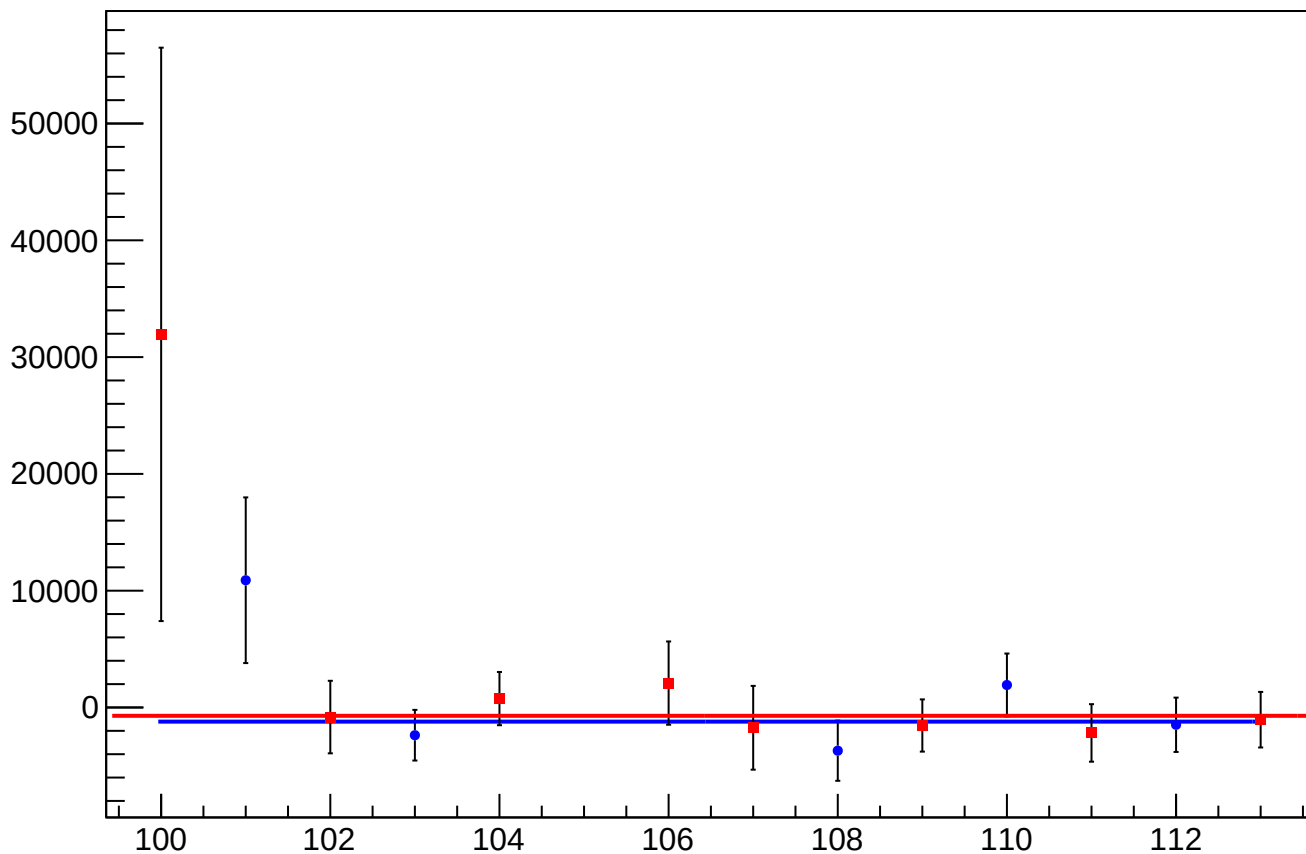
Right: 2770.806+/-0.841 χ^2/NDF : 379339.6/12

In: 3071.503+/-1.374 χ^2/NDF : 53750.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2770.806+/-0.841 χ^2/NDF : 379339.6/12

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: -711.582+/-1002.015 χ^2 /NDF: 3.4/7

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

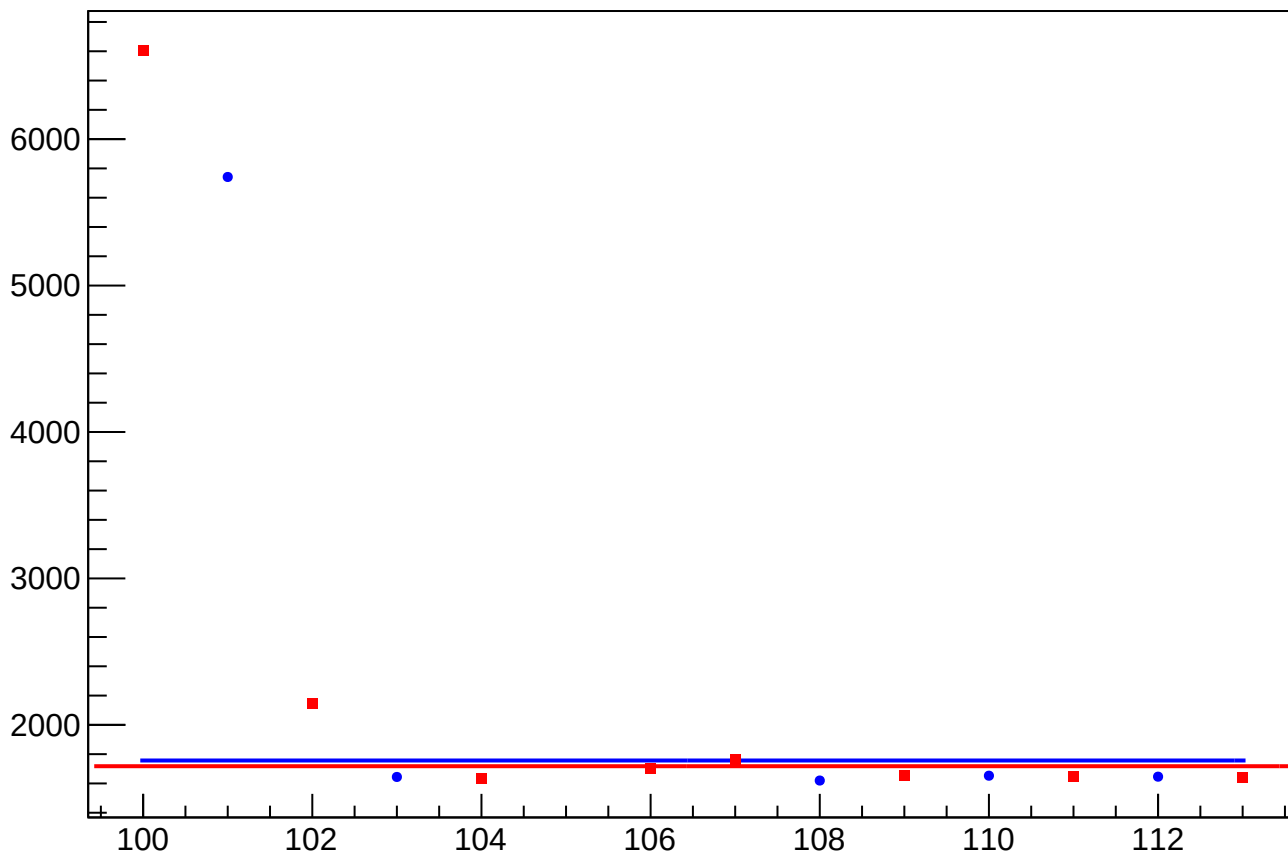
Right: -918.298+/-766.591 χ^2 /NDF: 9.0/12

In: -1210.052+/-1190.410 χ^2 /NDF: 5.5/4

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -918.298+/-766.591 χ^2 /NDF: 9.0/12

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: 1717.691+/-0.702 χ^2/NDF : 125333.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

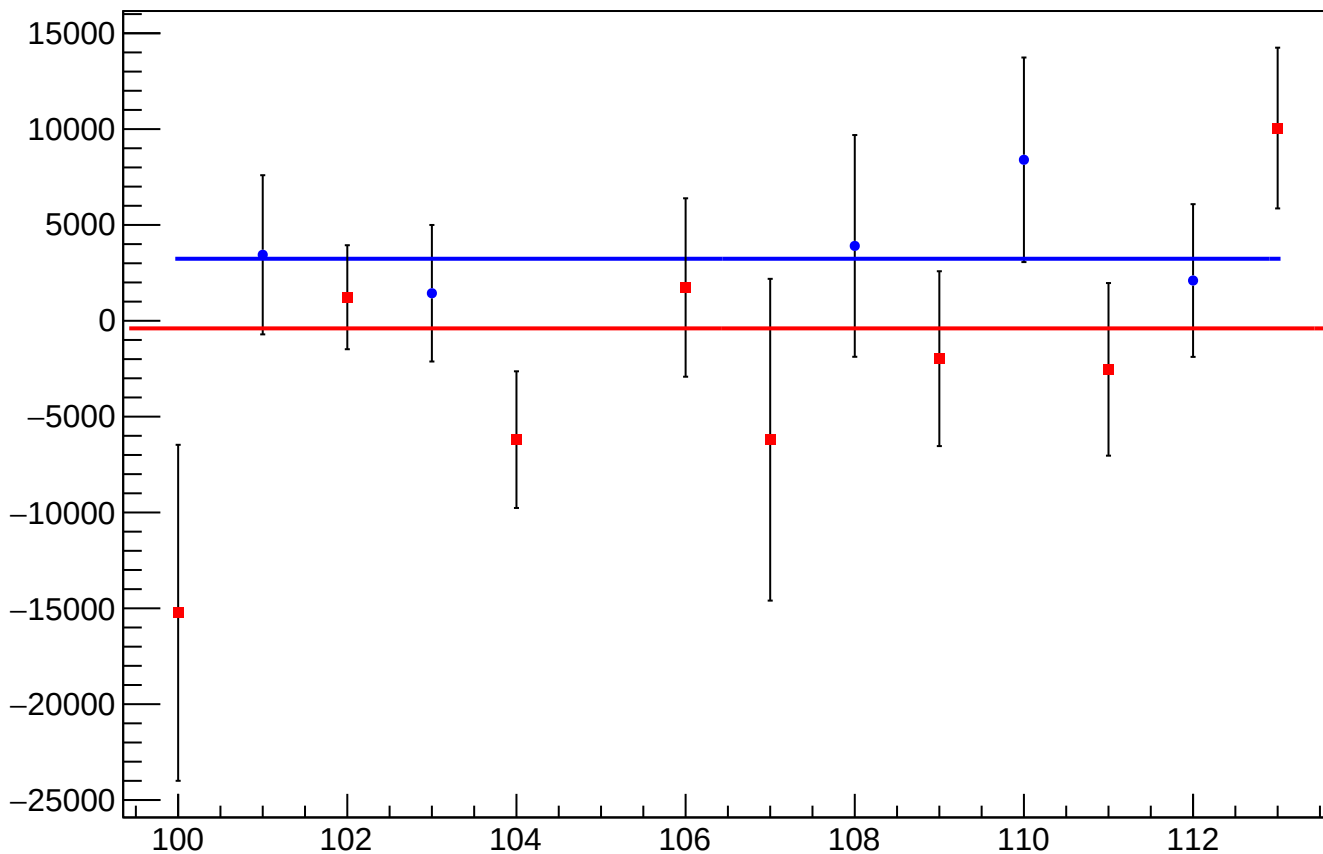
Right: 1733.700+/-0.539 χ^2/NDF : 776367.9/12

In: 1756.692+/-0.842 χ^2/NDF : 649768.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1733.700+/-0.539 χ^2/NDF : 776367.9/12

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: -396.068+/-1503.771 χ^2/NDF : 13.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

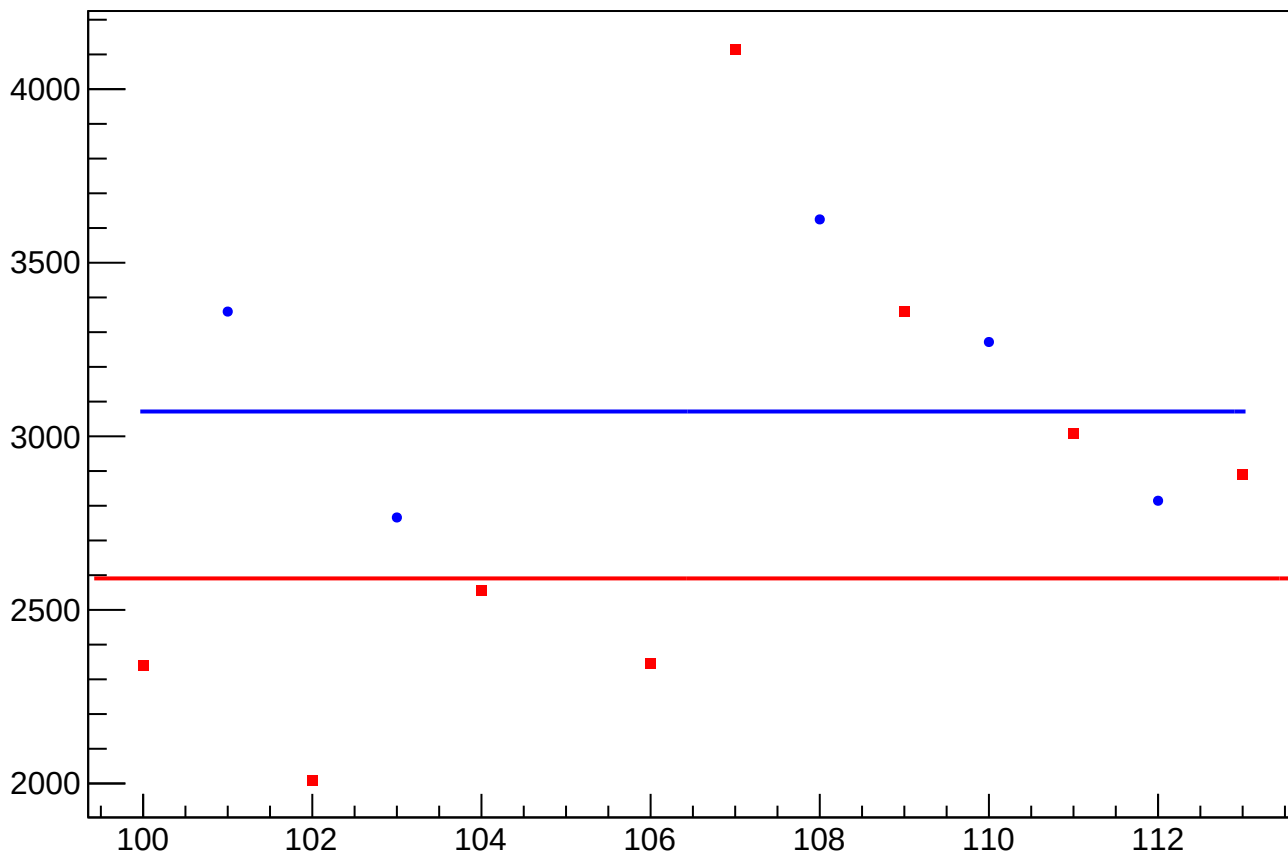
Right: 964.563+/-1189.209 χ^2/NDF : 16.6/12

In: 3236.094+/-1942.991 χ^2/NDF : 1.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 964.563+/-1189.209 χ^2/NDF : 16.6/12

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: 2590.691+/-1.063 χ^2/NDF : 248995.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

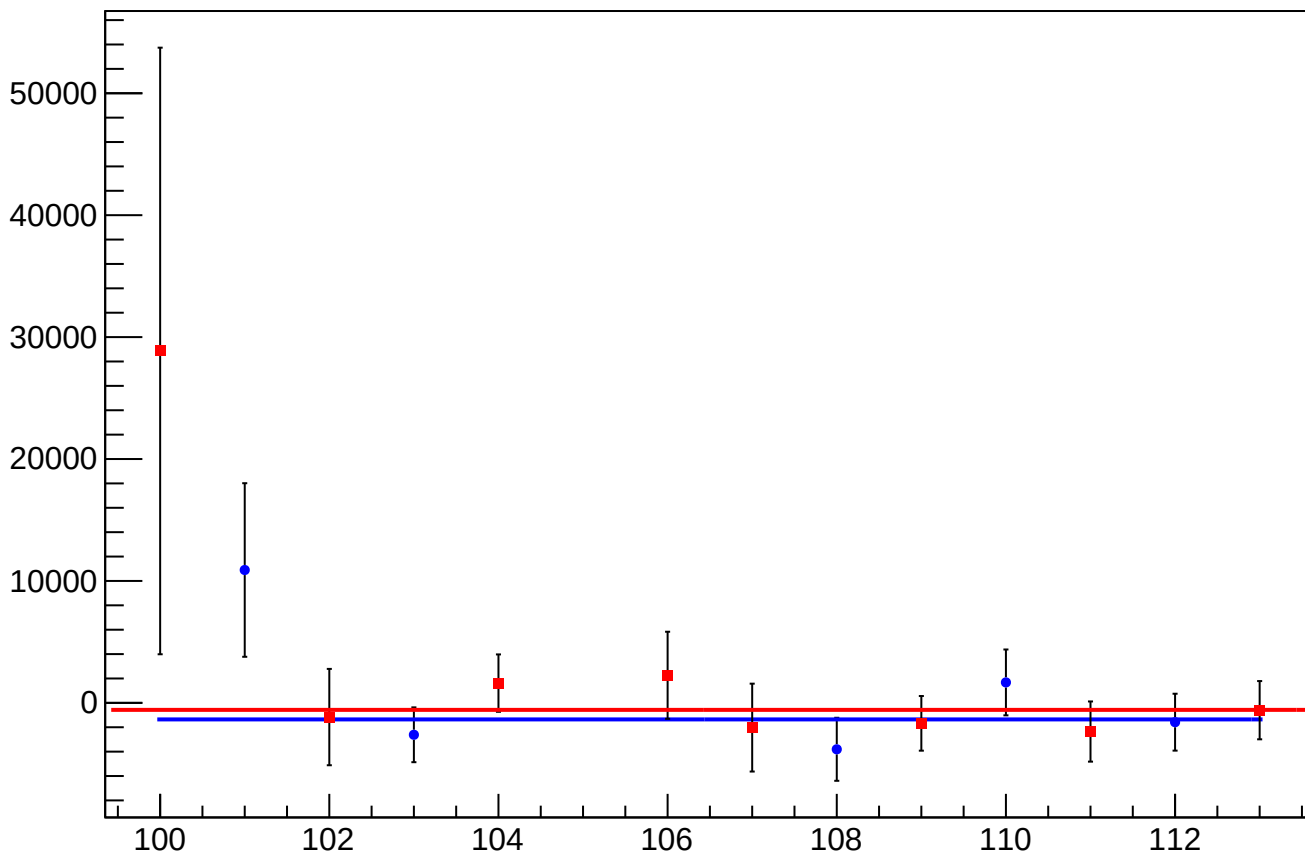
Right: 2770.806+/-0.841 χ^2/NDF : 379339.6/12

In: 3071.503+/-1.374 χ^2/NDF : 53750.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2770.806+/-0.841 χ^2/NDF : 379339.6/12

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: -574.541+/-1031.299 χ^2 /NDF: 3.8/7

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

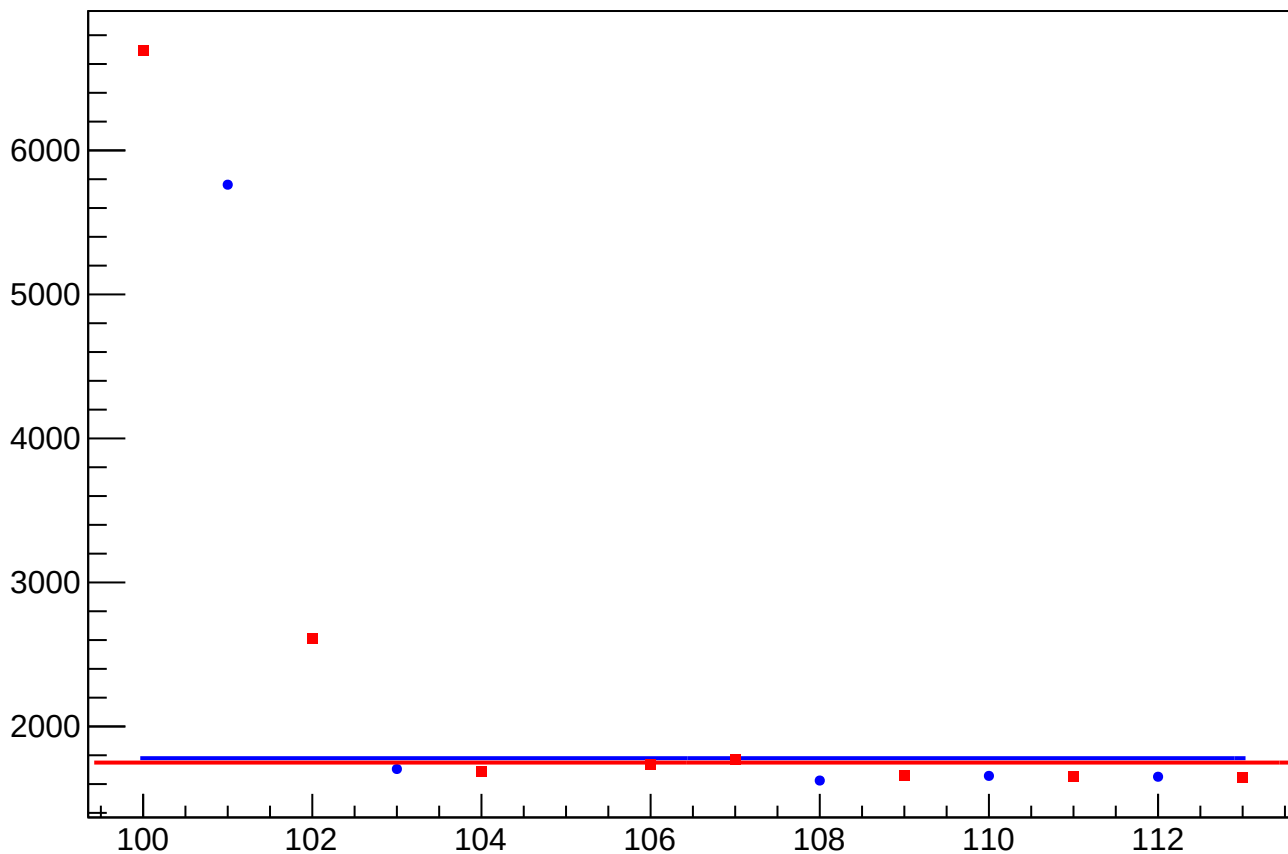
Right: -905.415+/-783.633 χ^2 /NDF: 9.5/12

In: -1357.439+/-1205.407 χ^2 /NDF: 5.4/4

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -905.415+/-783.633 χ^2 /NDF: 9.5/12

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: 1749.263+/-0.724 χ^2/NDF : 186430.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

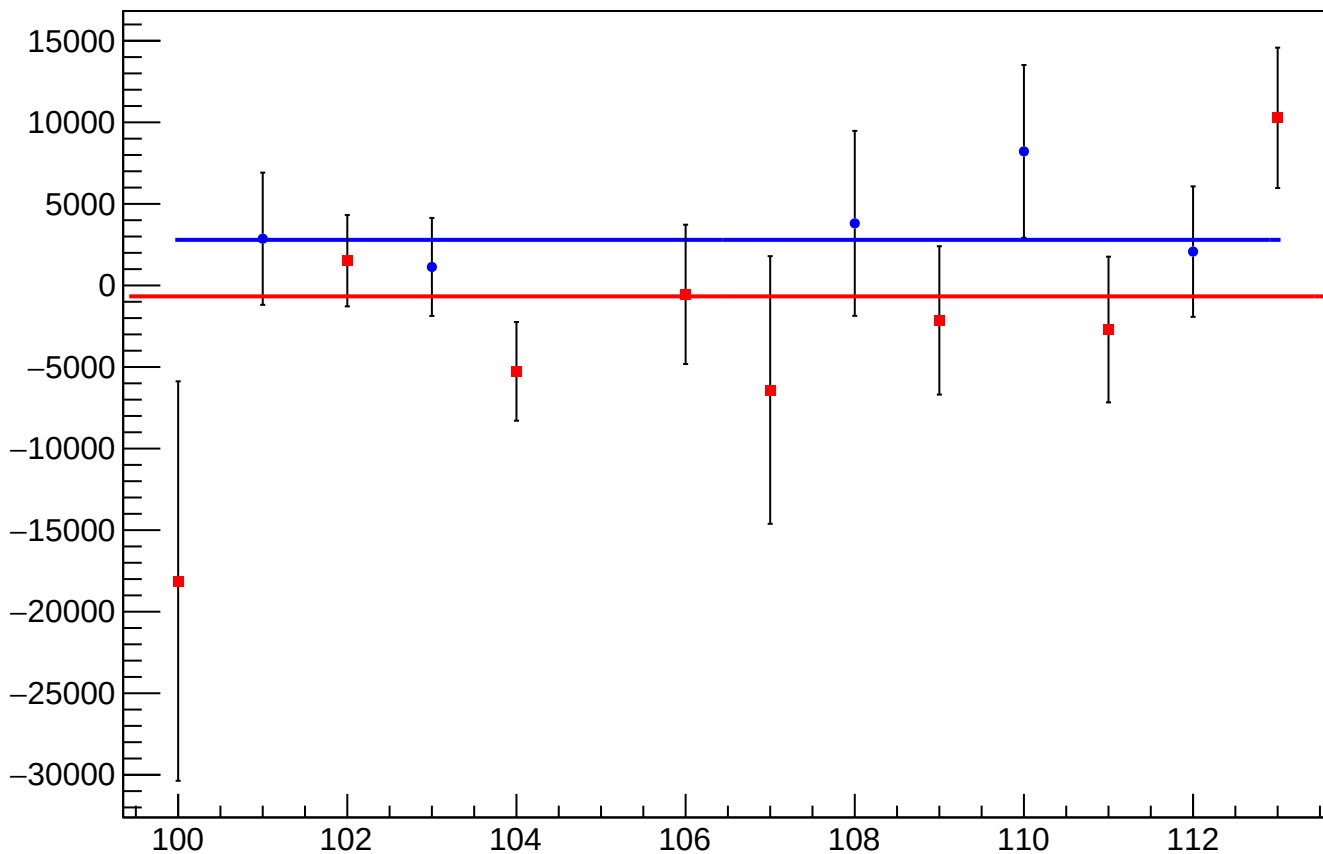
Right: 1762.048+/-0.552 χ^2/NDF : 832767.5/12

In: 1779.765+/-0.852 χ^2/NDF : 645593.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1762.048+/-0.552 χ^2/NDF : 832767.5/12

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: -668.167+/-1465.223 χ^2/NDF : 12.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

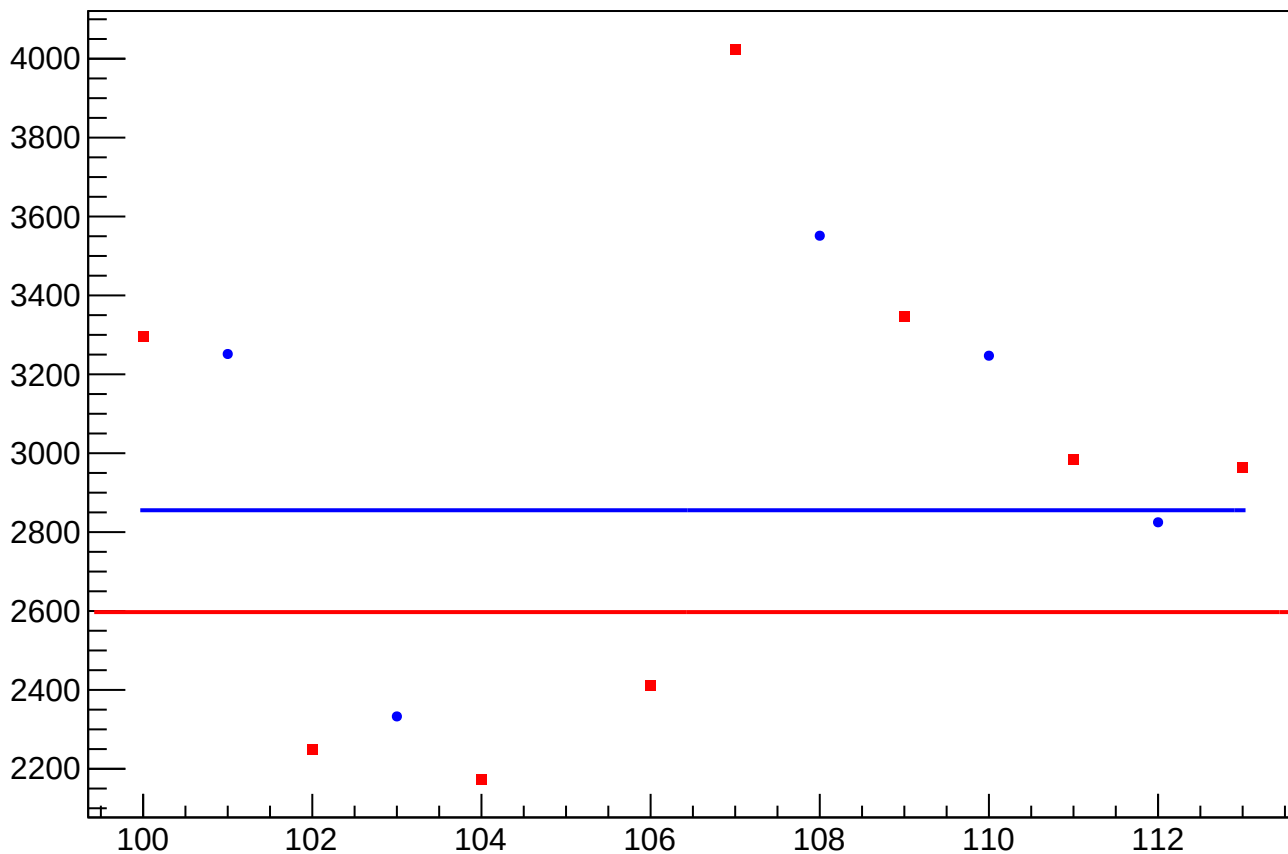
Right: 691.222+/-1142.129 χ^2/NDF : 15.8/12

In: 2796.190+/-1823.285 χ^2/NDF : 1.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 691.222+/-1142.129 χ^2/NDF : 15.8/12

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: 2597.270+/-1.036 χ^2/NDF : 225192.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

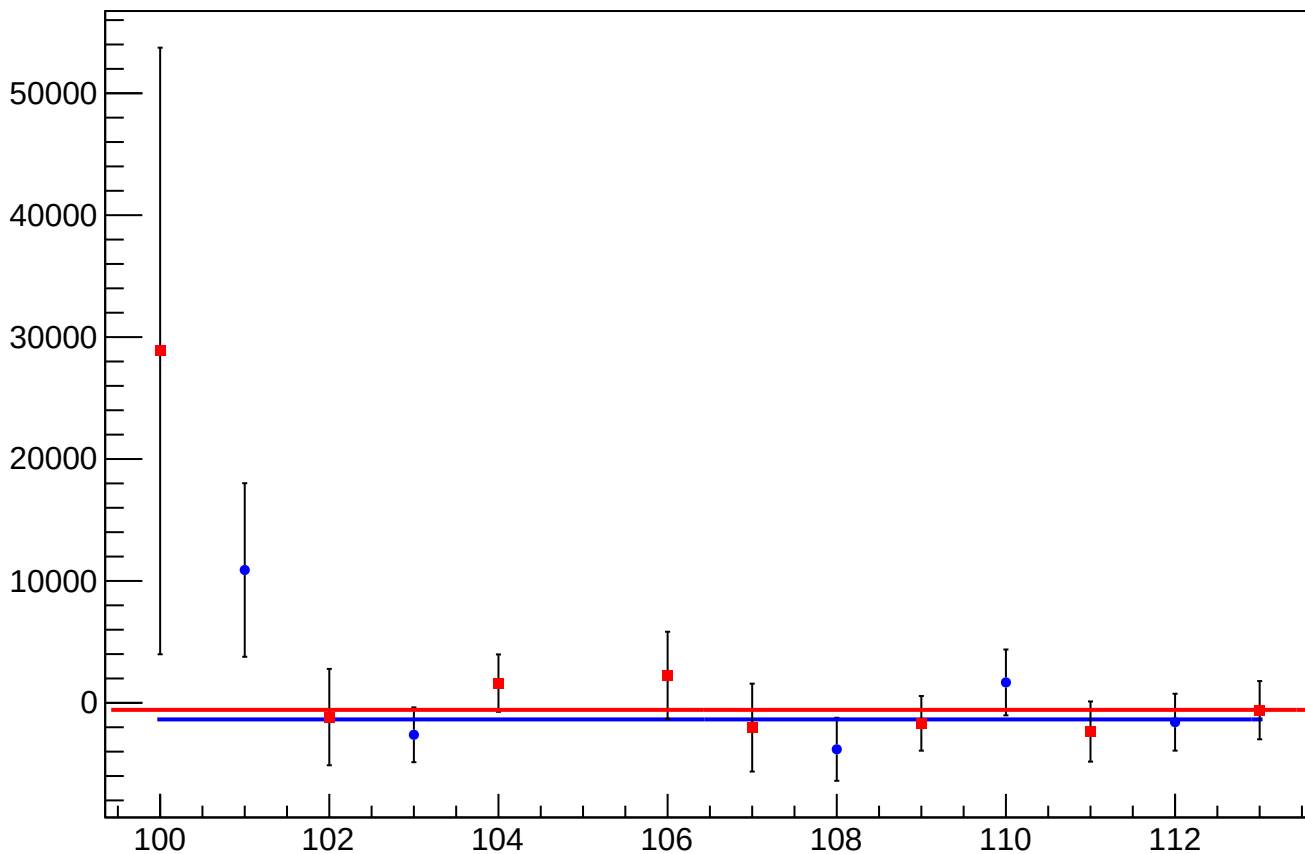
Right: 2698.571+/-0.808 χ^2/NDF : 370303.7/12

In: 2855.432+/-1.289 χ^2/NDF : 120748.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2698.571+/-0.808 χ^2/NDF : 370303.7/12

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: -574.550+/-1031.299 χ^2/NDF : 3.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

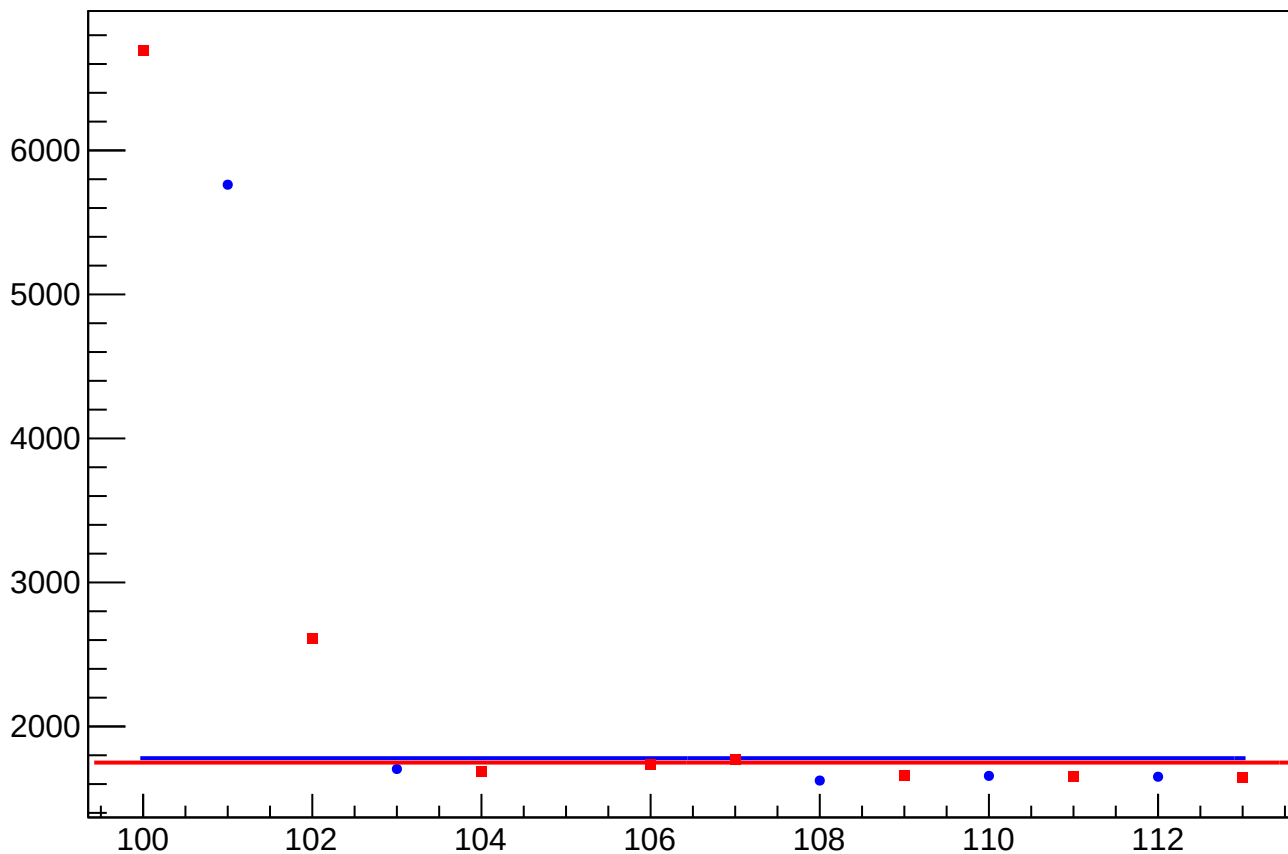
Right: -905.424+/-783.633 χ^2/NDF : 9.5/12

In: -1357.448+/-1205.407 χ^2/NDF : 5.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -905.424+/-783.633 χ^2/NDF : 9.5/12

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: 1749.263+/-0.724 χ^2/NDF : 186430.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

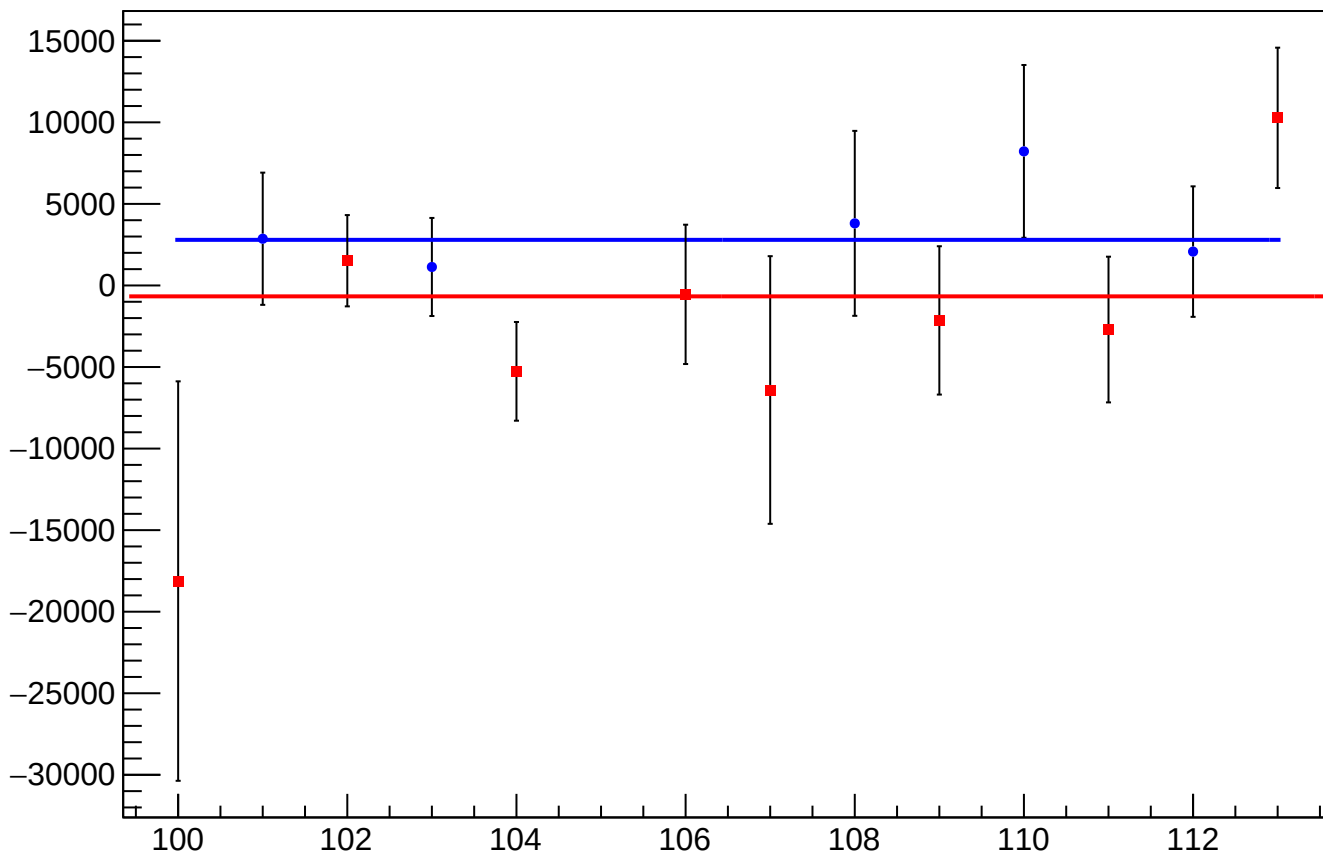
Right: 1762.048+/-0.552 χ^2/NDF : 832767.4/12

In: 1779.765+/-0.852 χ^2/NDF : 645593.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1762.048+/-0.552 χ^2/NDF : 832767.4/12

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: -668.168+/-1465.222 χ^2/NDF : 12.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

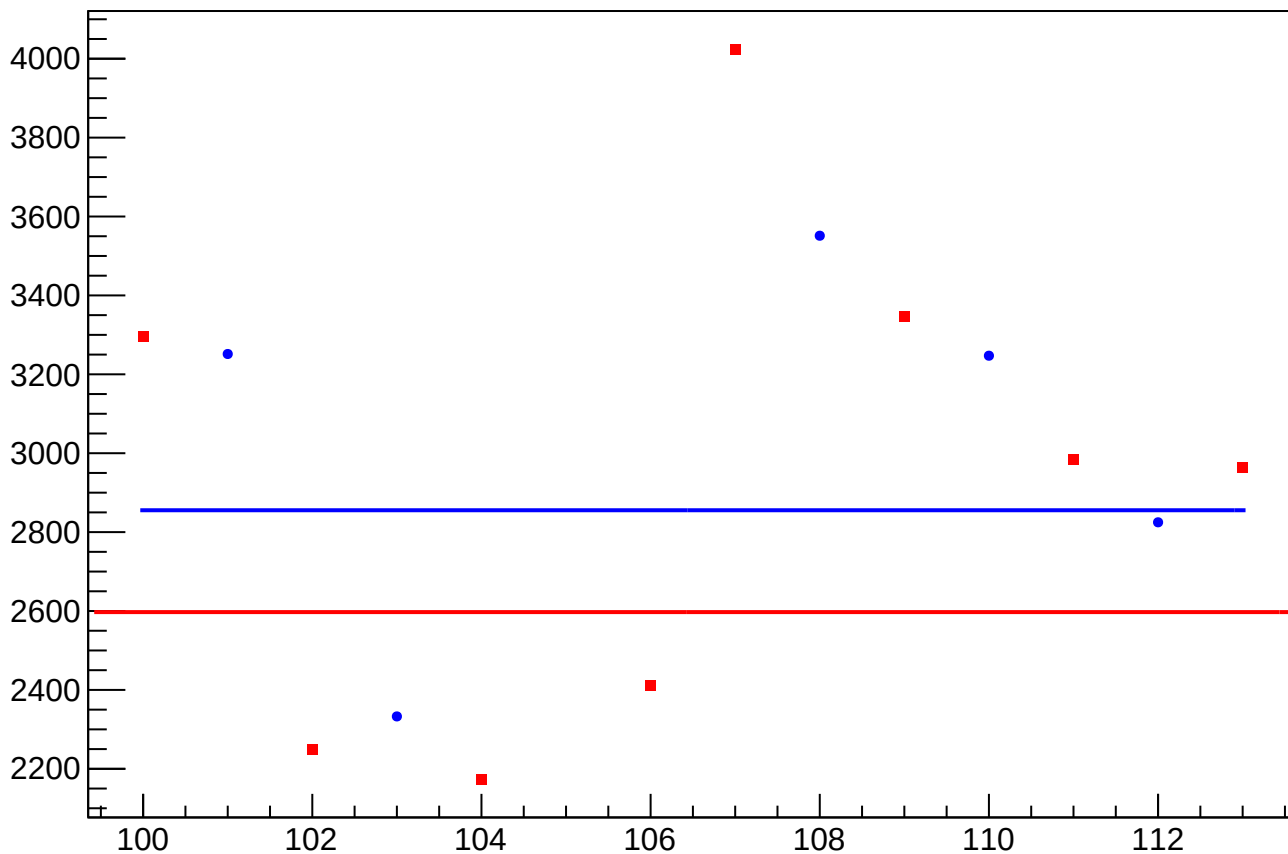
Right: 691.222+/-1142.128 χ^2/NDF : 15.8/12

In: 2796.188+/-1823.283 χ^2/NDF : 1.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 691.222+/-1142.128 χ^2/NDF : 15.8/12

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: 2597.269+/-1.036 χ^2/NDF : 225188.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

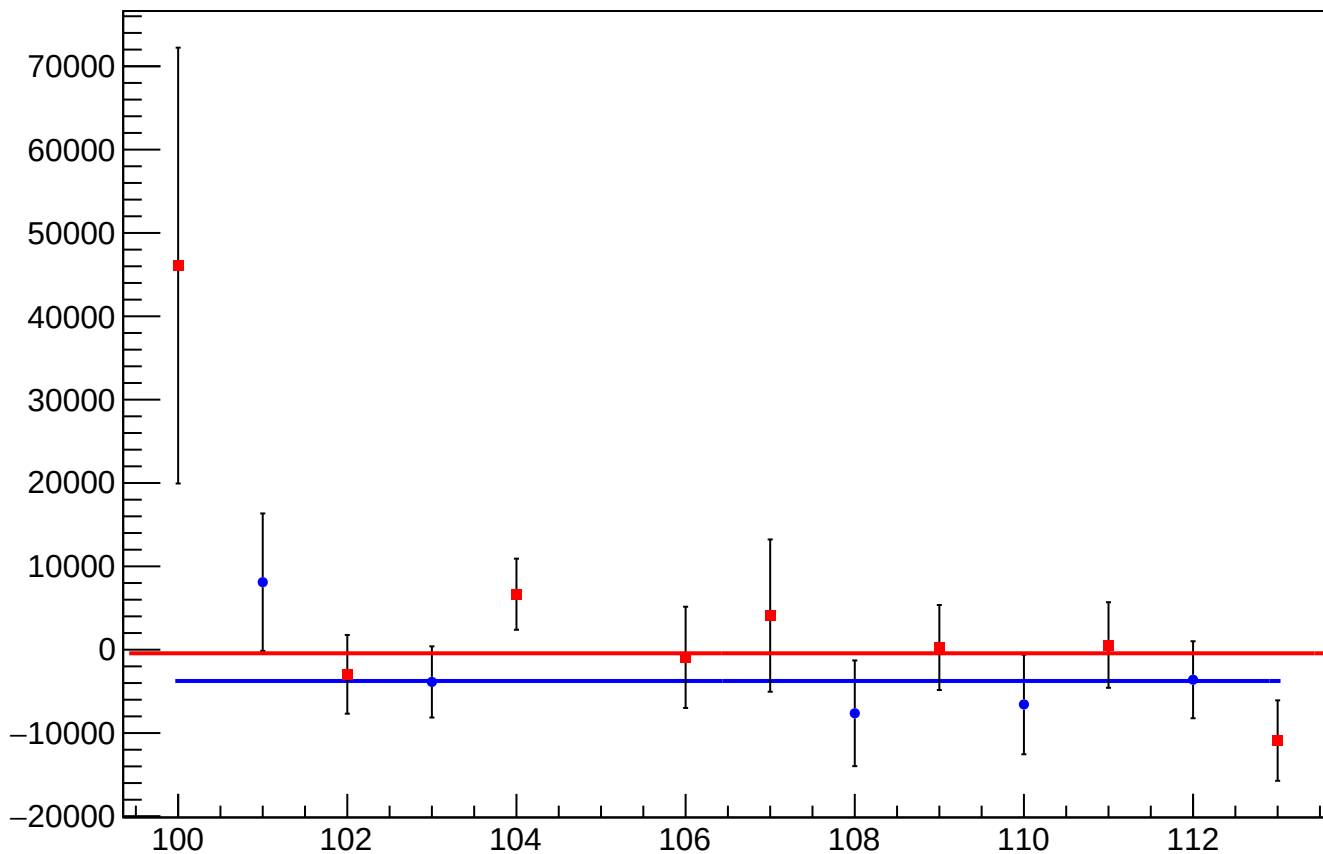
Right: 2698.570+/-0.808 χ^2/NDF : 370297.8/12

In: 2855.430+/-1.289 χ^2/NDF : 120746.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2698.570+/-0.808 χ^2/NDF : 370297.8/12

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: -430.508+/-1962.312 χ^2/NDF : 11.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

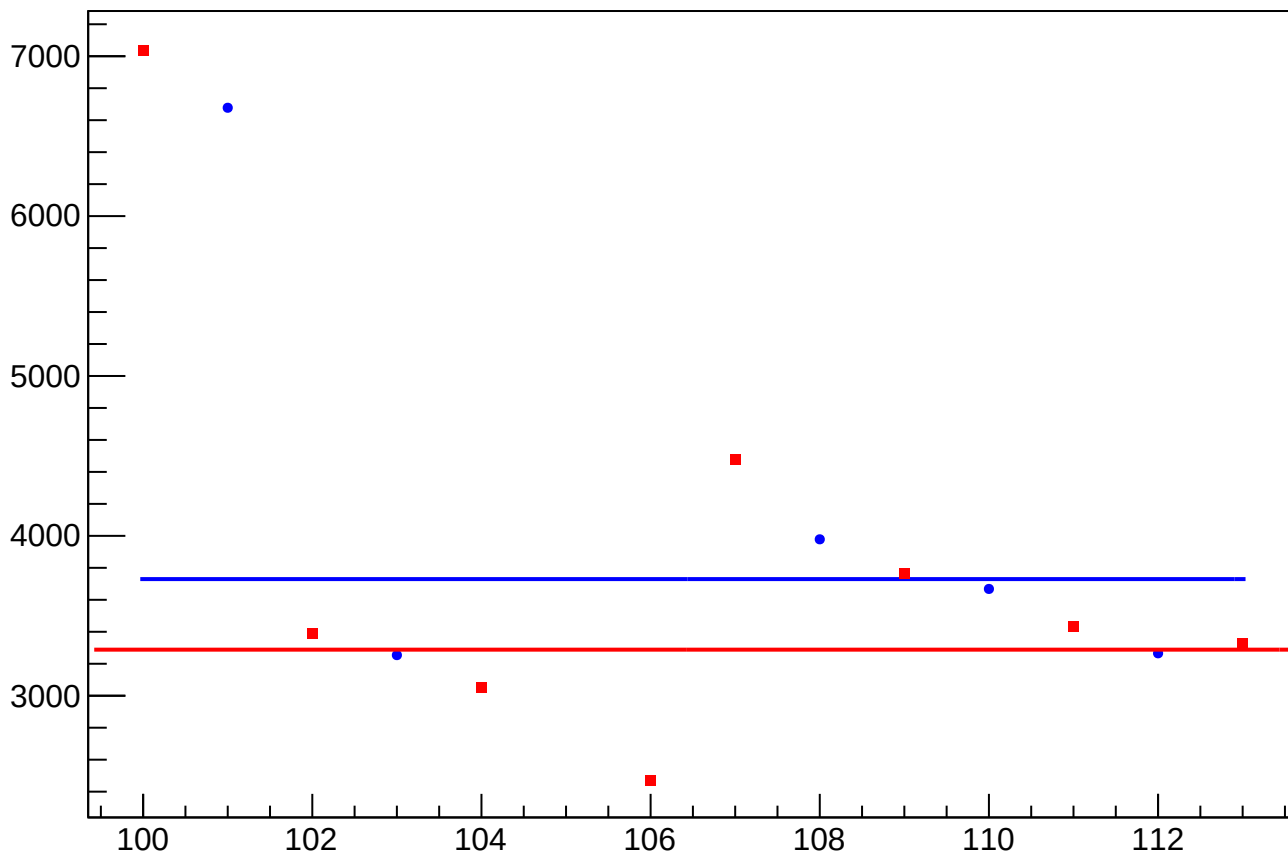
Right: -1740.890+/-1526.890 χ^2/NDF : 15.0/12

In: -3751.728+/-2430.846 χ^2/NDF : 2.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1740.890+/-1526.890 χ^2/NDF : 15.0/12

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: 3288.196+/-1.343 χ^2/NDF : 160707.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

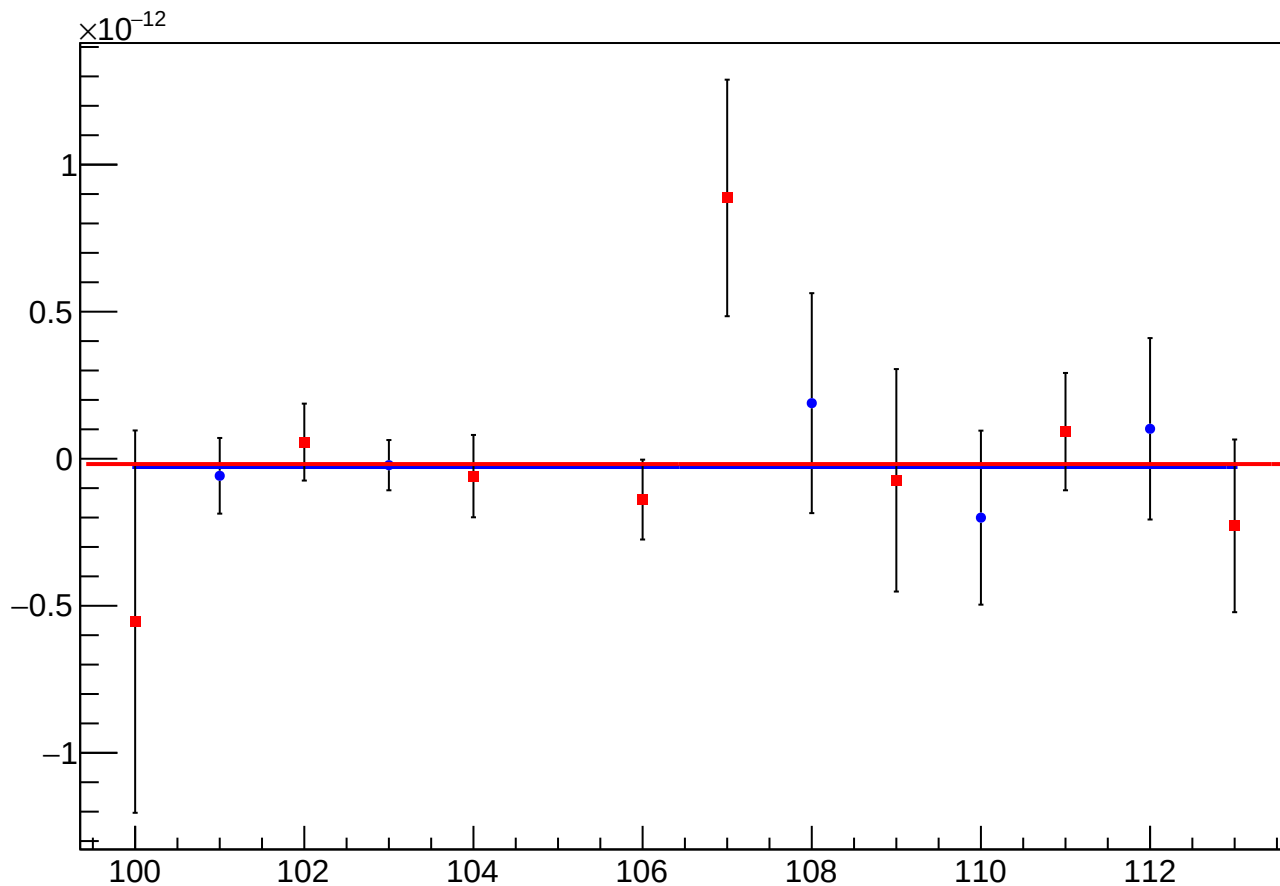
Right: 3455.510+/-1.058 χ^2/NDF : 505635.2/12

In: 3729.554+/-1.719 χ^2/NDF : 303989.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3455.510+/-1.058 χ^2/NDF : 505635.2/12

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: 7.8/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

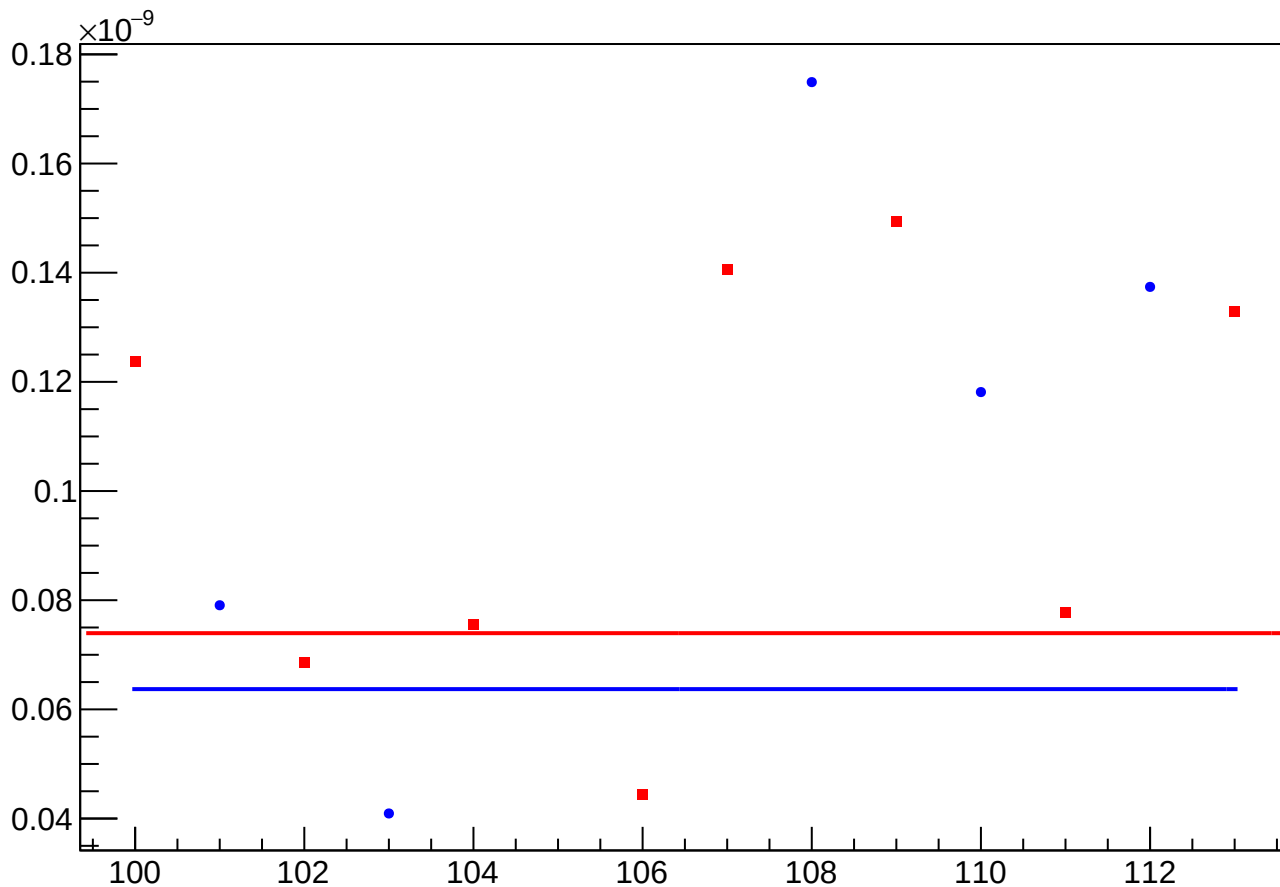
Right: -0.000+/-0.000 χ^2 /NDF: 8.7/12

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: 8.7/12

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 : 325641.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

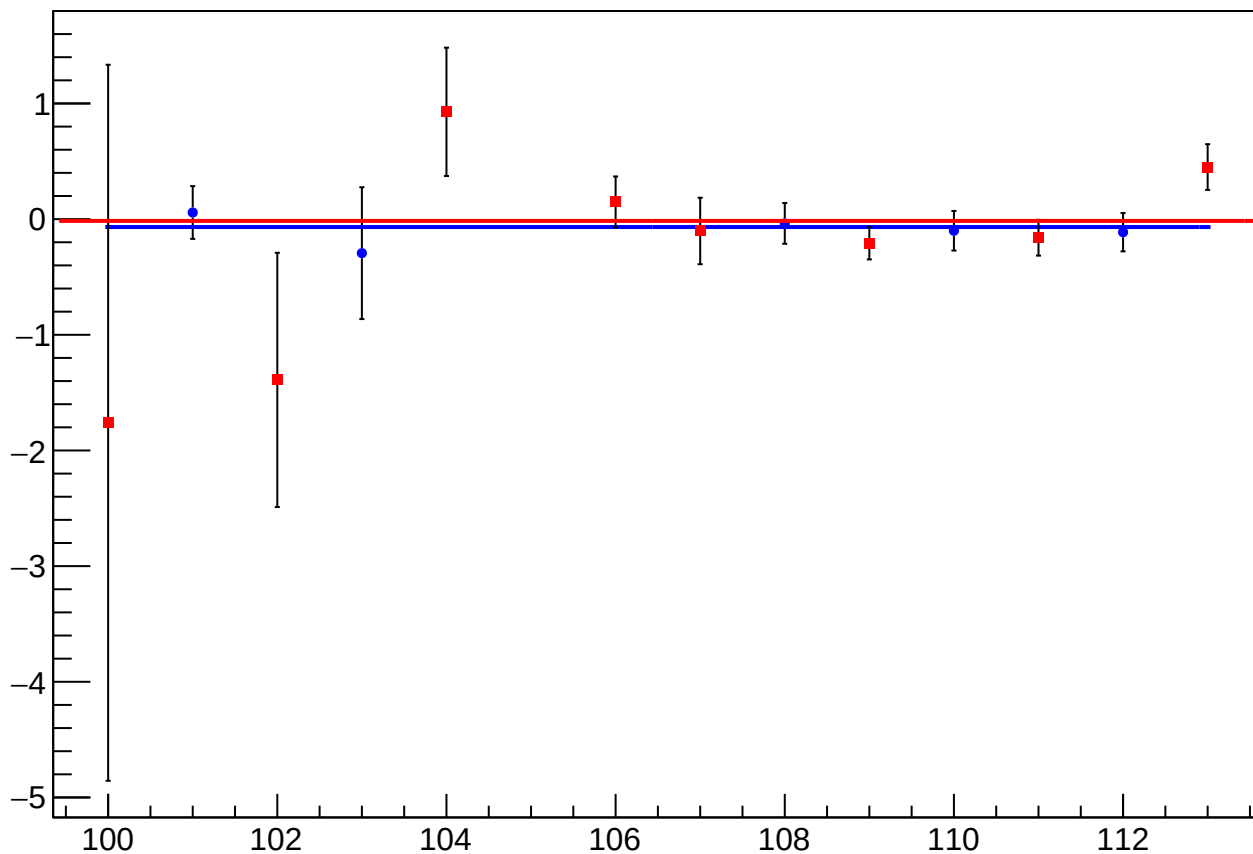
Right: 0.000+/-0.000 χ^2/NDF : 878228.6/12

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 : 878228.6/12

asym_atr1l2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.068 ± 0.089 $\chi^2/\text{NDF}: 0.6/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.015 ± 0.080 $\chi^2/\text{NDF}: 13.8/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

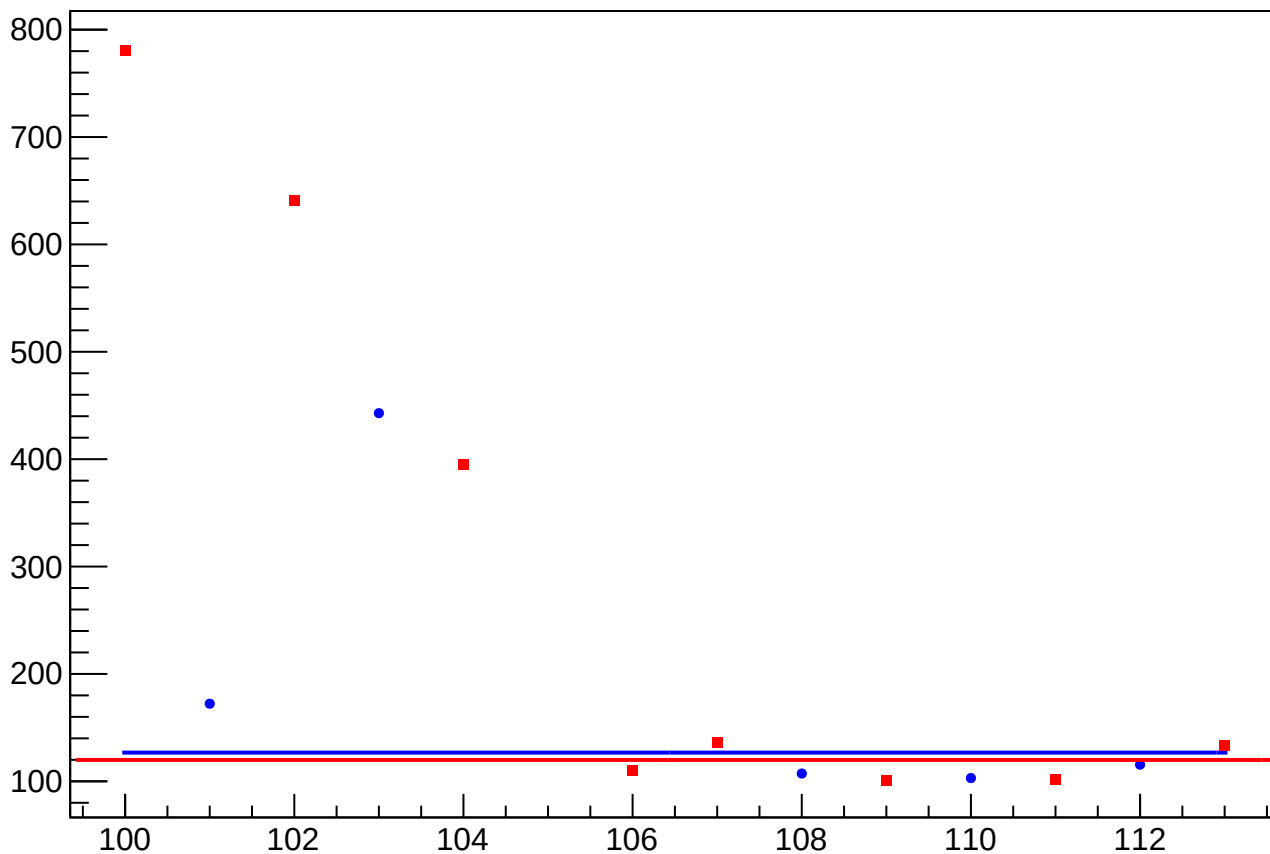
Right: -0.039 ± 0.060 $\chi^2/\text{NDF}: 14.5/12$

In: -0.068 ± 0.089 $\chi^2/\text{NDF}: 0.6/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.039 ± 0.060 $\chi^2/\text{NDF}: 14.5/12$

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: 119.918+/-0.057 χ^2/NDF : 1117471.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

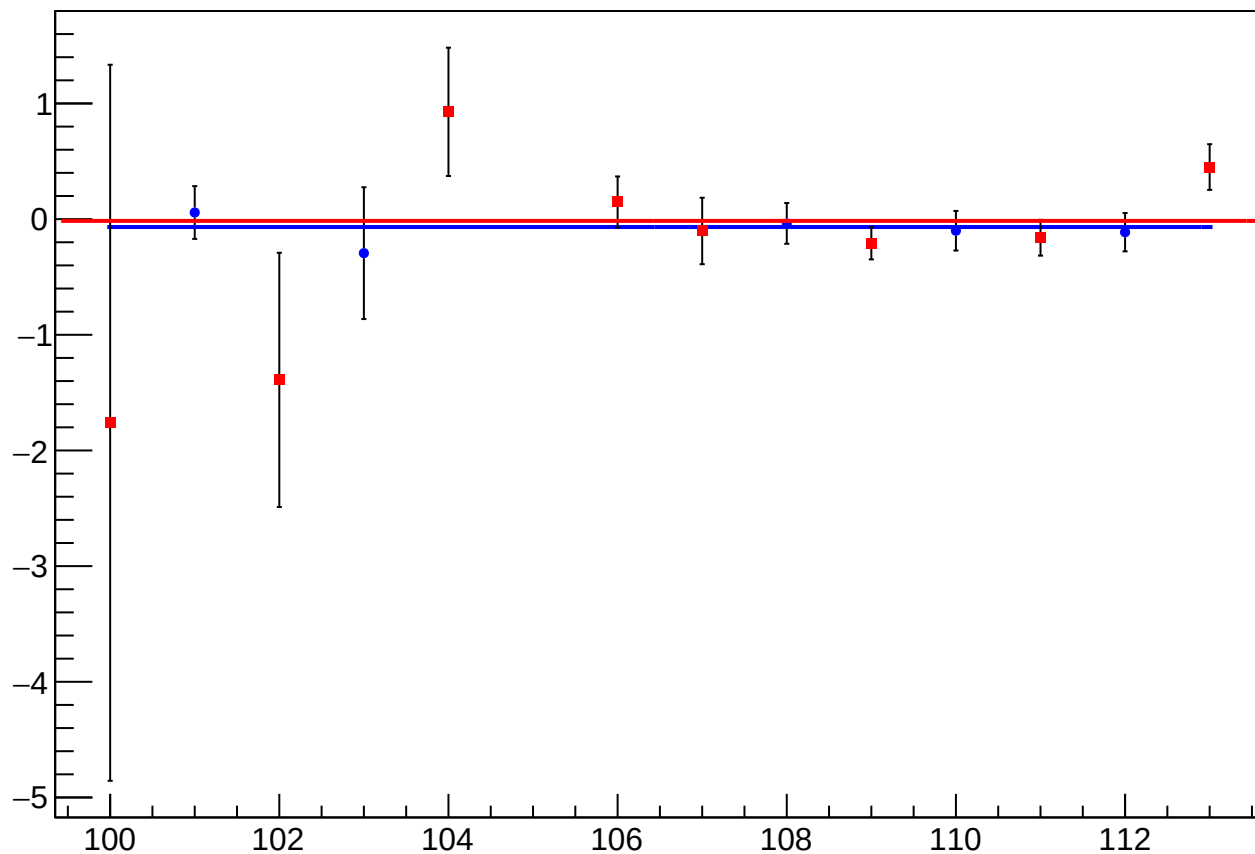
Right: 122.964+/-0.042 χ^2/NDF : 1891127.7/12

In: 126.750+/-0.063 χ^2/NDF : 767184.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.964+/-0.042 χ^2/NDF : 1891127.7/12

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: -0.015+/-0.080 χ^2 /NDF: 13.8/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

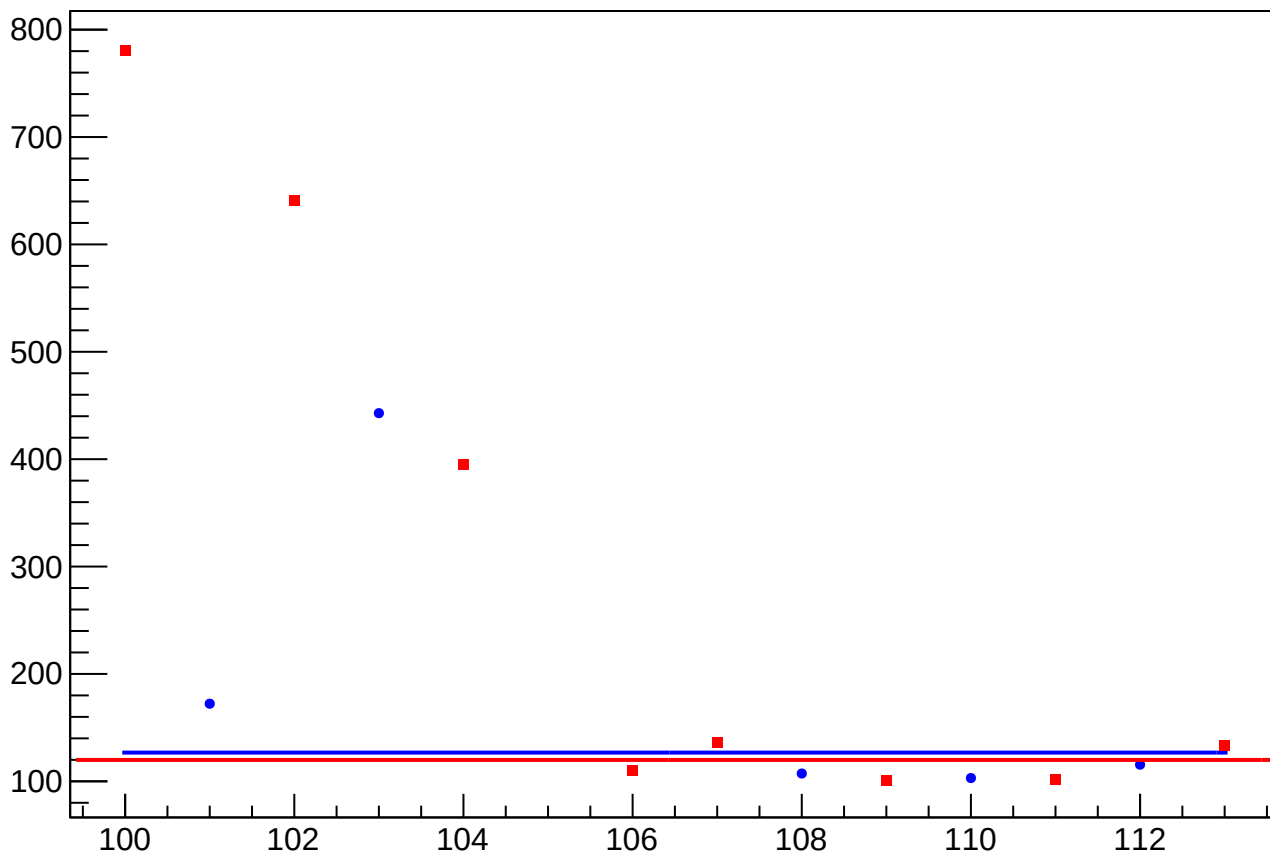
Right: -0.039+/-0.060 χ^2 /NDF: 14.5/12

In: -0.068+/-0.089 χ^2 /NDF:0.6/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.039+/-0.060 χ^2 /NDF: 14.5/12

asym_atr12_dd_dit_vs_eigen_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: 119.918+/-0.057 χ^2/NDF : 1117471.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

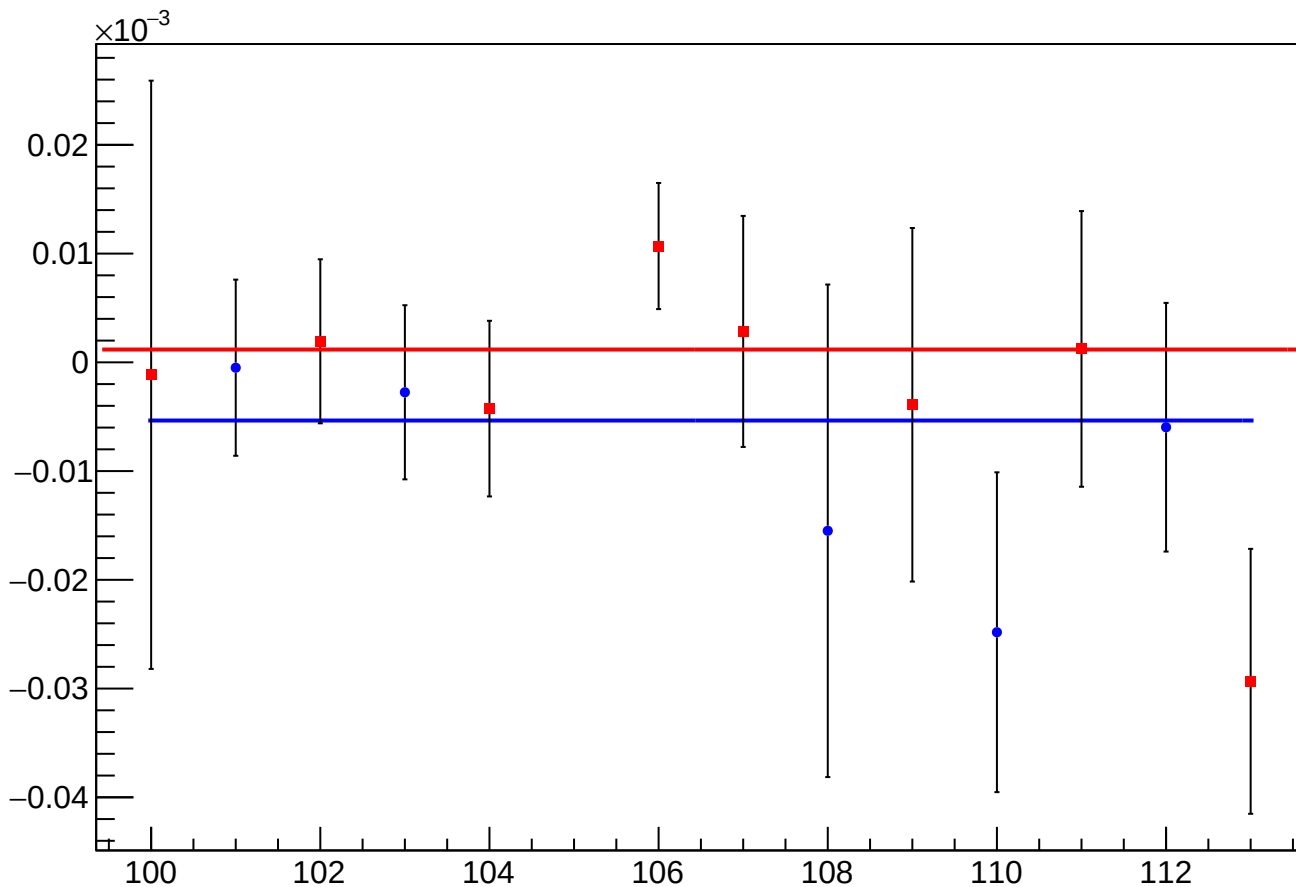
Right: 122.964+/-0.042 χ^2/NDF : 1891127.7/12

In: 126.750+/-0.063 χ^2/NDF : 767184.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.964+/-0.042 χ^2/NDF : 1891127.7/12

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 : 9.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

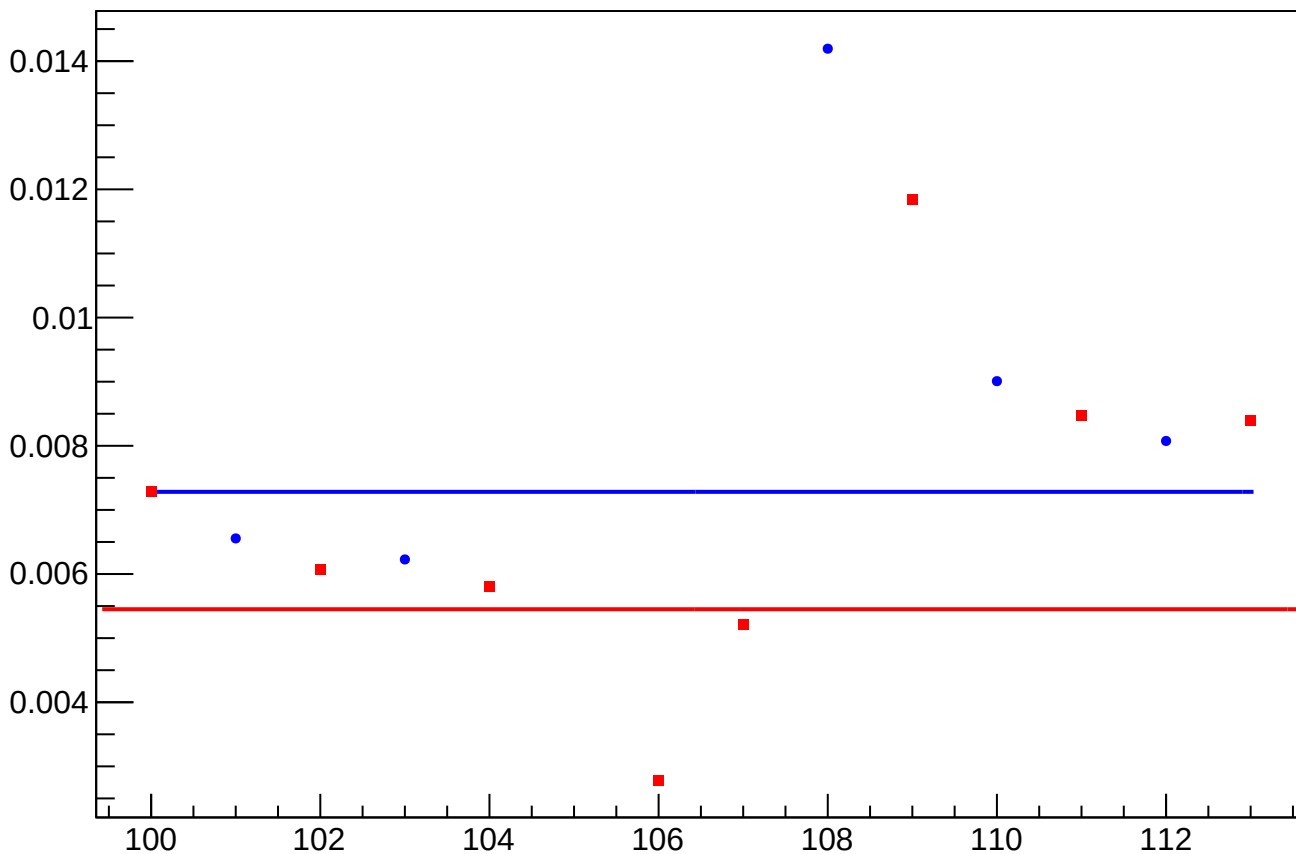
Right: -0.000+/-0.000 χ^2/NDF : 13.3/12

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 : 13.3/12

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 : 991386.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

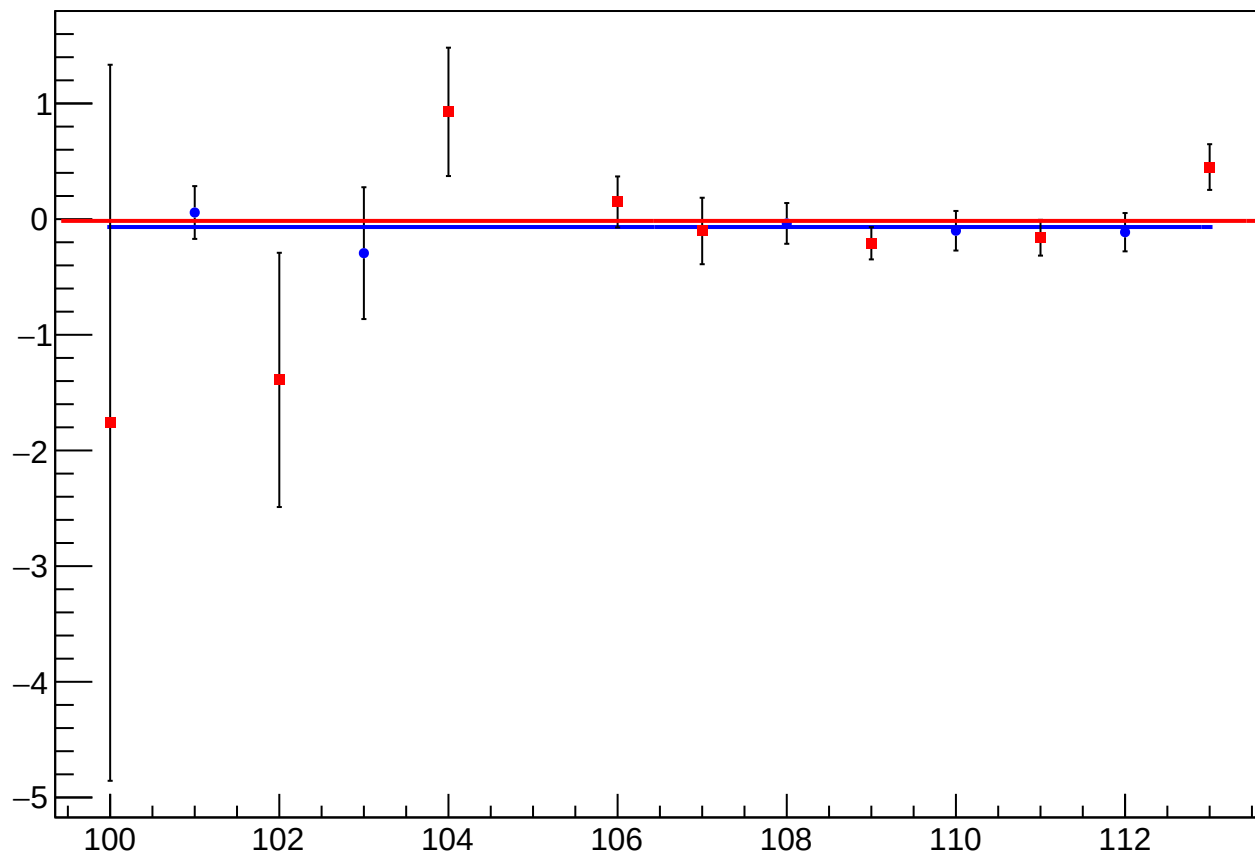
Right: 0.006+/-0.000 χ^2/NDF : 1466751.6/12

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 : 1466751.6/12

asym_atr1l2_dd_eigen_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: -0.015+/-0.080 χ^2 /NDF: 13.8/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

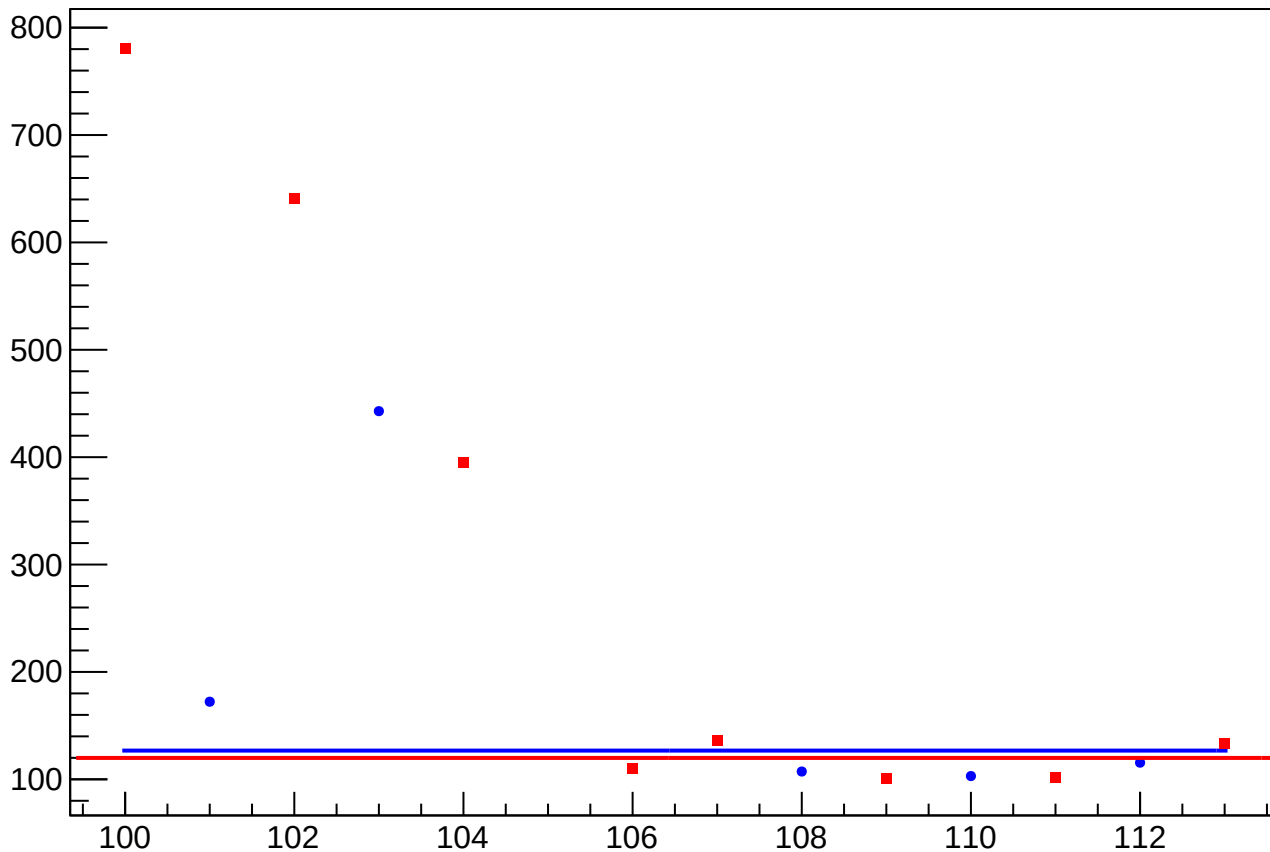
Right: -0.039+/-0.060 χ^2 /NDF: 14.5/12

In: -0.068+/-0.089 χ^2 /NDF:0.6/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.039+/-0.060 χ^2 /NDF: 14.5/12

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: 119.920+/-0.057 χ^2/NDF : 1117444.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

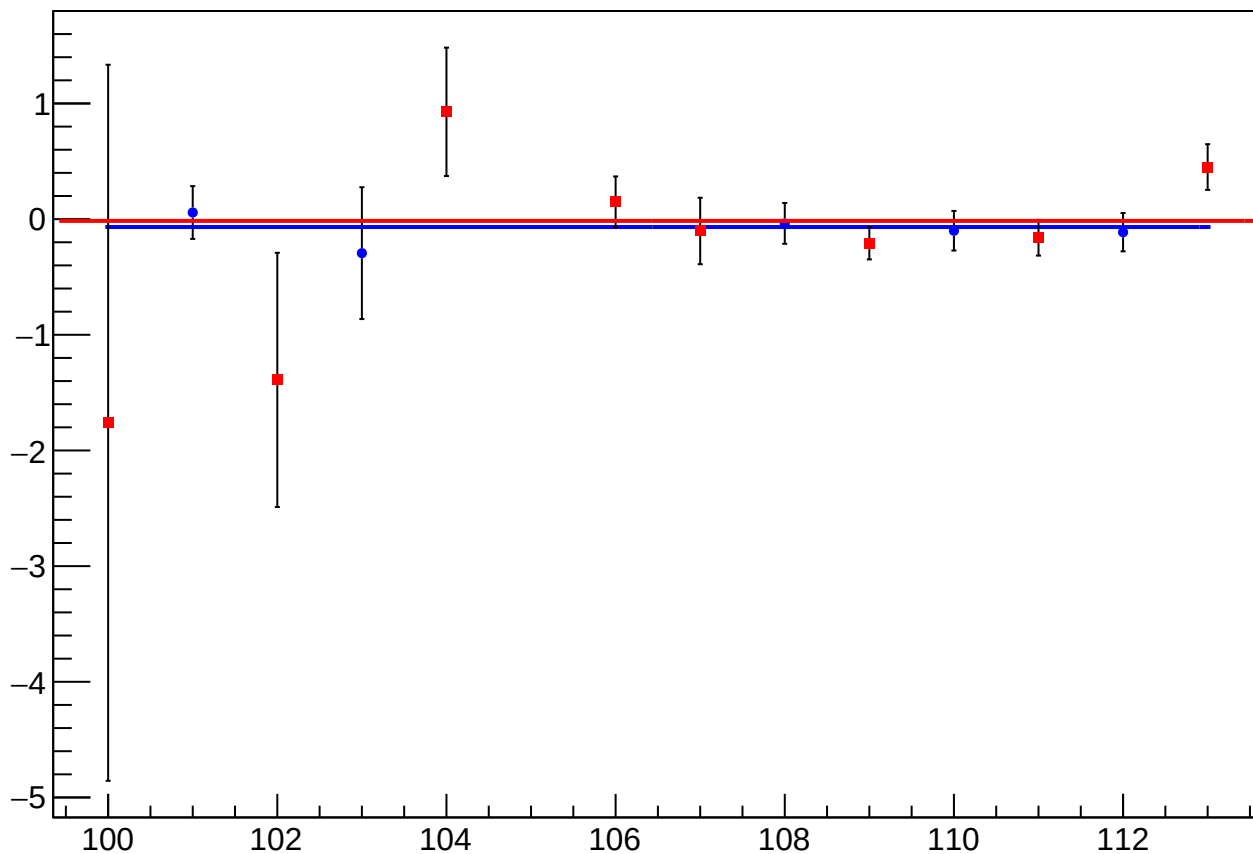
Right: 122.967+/-0.042 χ^2/NDF : 1891054.8/12

In: 126.754+/-0.063 χ^2/NDF : 767135.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.967+/-0.042 χ^2/NDF : 1891054.8/12

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: -0.015+/-0.080 χ^2 /NDF: 13.8/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

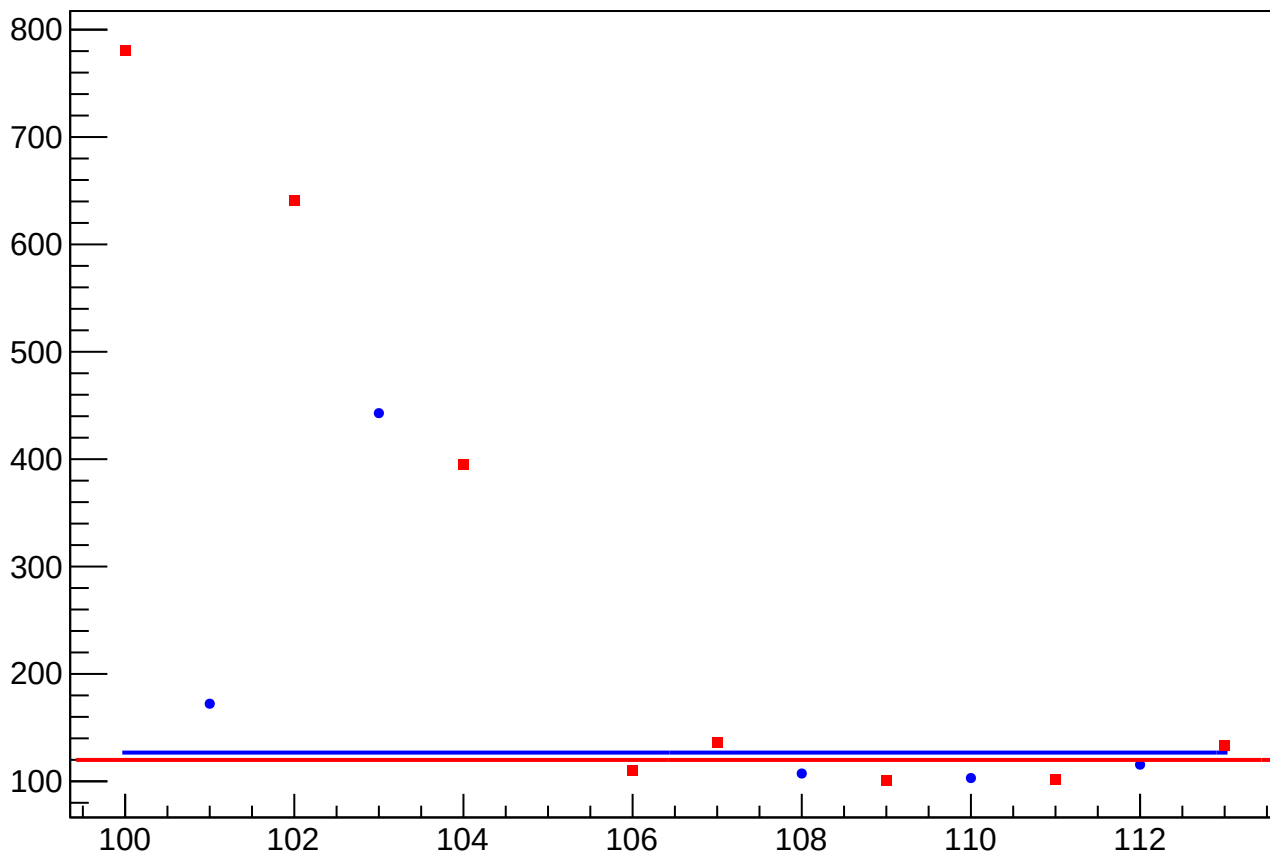
Right: -0.039+/-0.060 χ^2 /NDF: 14.5/12

In: -0.068+/-0.089 χ^2 /NDF:0.6/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.039+/-0.060 χ^2 /NDF: 14.5/12

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: 119.920+/-0.057 χ^2/NDF : 1117444.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

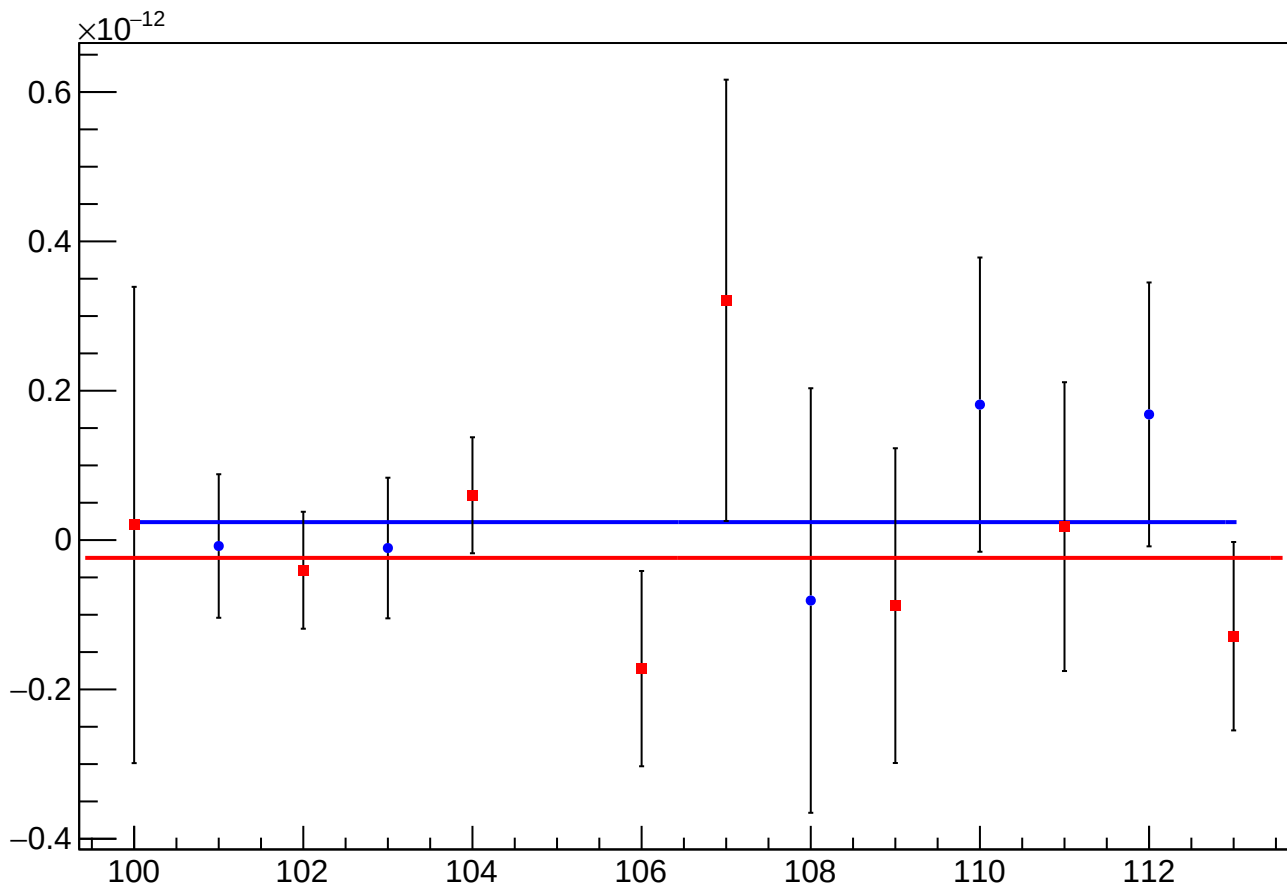
Right: 122.967+/-0.042 χ^2/NDF : 1891054.8/12

In: 126.754+/-0.063 χ^2/NDF : 767135.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.967+/-0.042 χ^2/NDF : 1891054.8/12

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 : 4.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

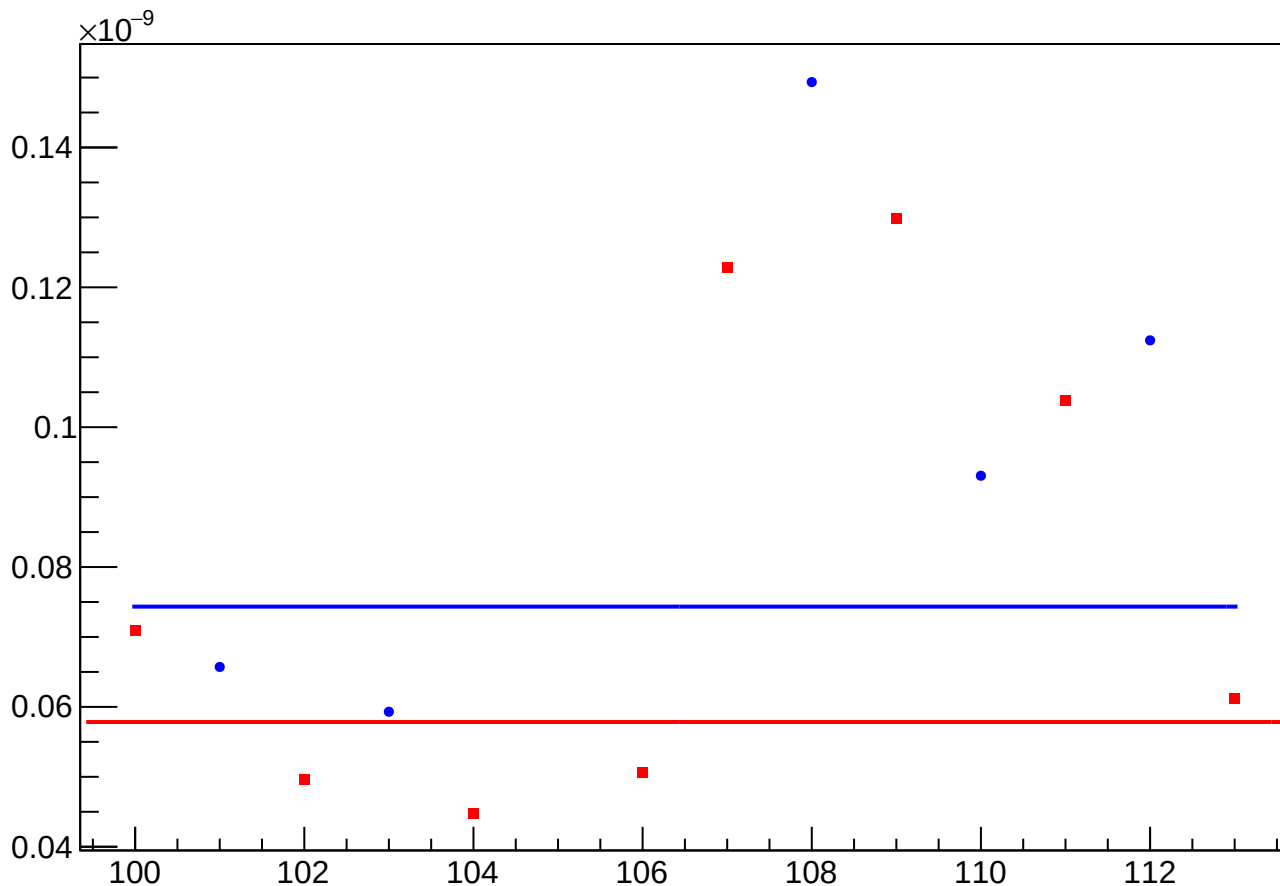
Right: -0.000+/-0.000 χ^2/NDF : 6.8/12

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 : 6.8/12

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 : 533583.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

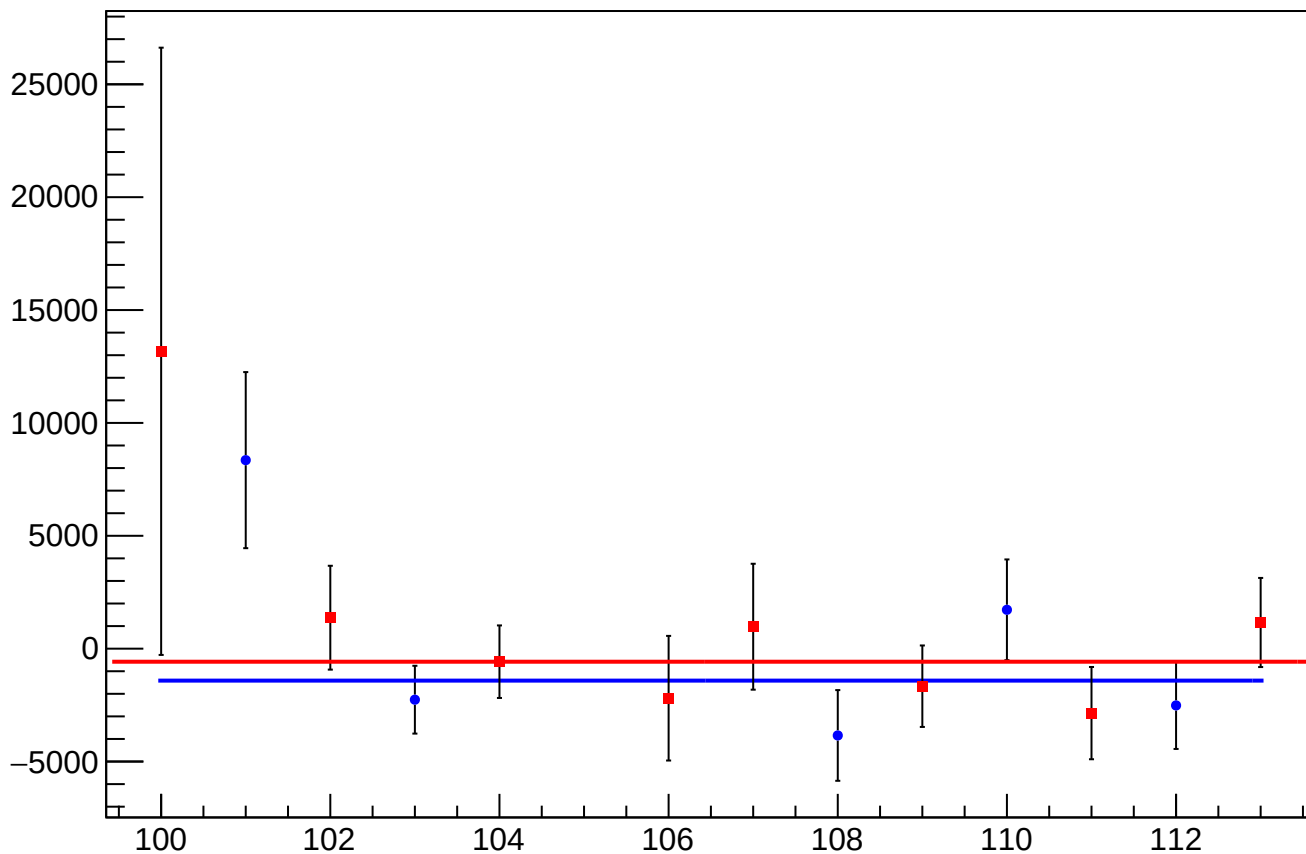
Right: 0.000+/-0.000 χ^2/NDF : 952630.3/12

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 : 952630.3/12

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: -578.285 ± 779.701 χ^2/NDF : 4.8/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

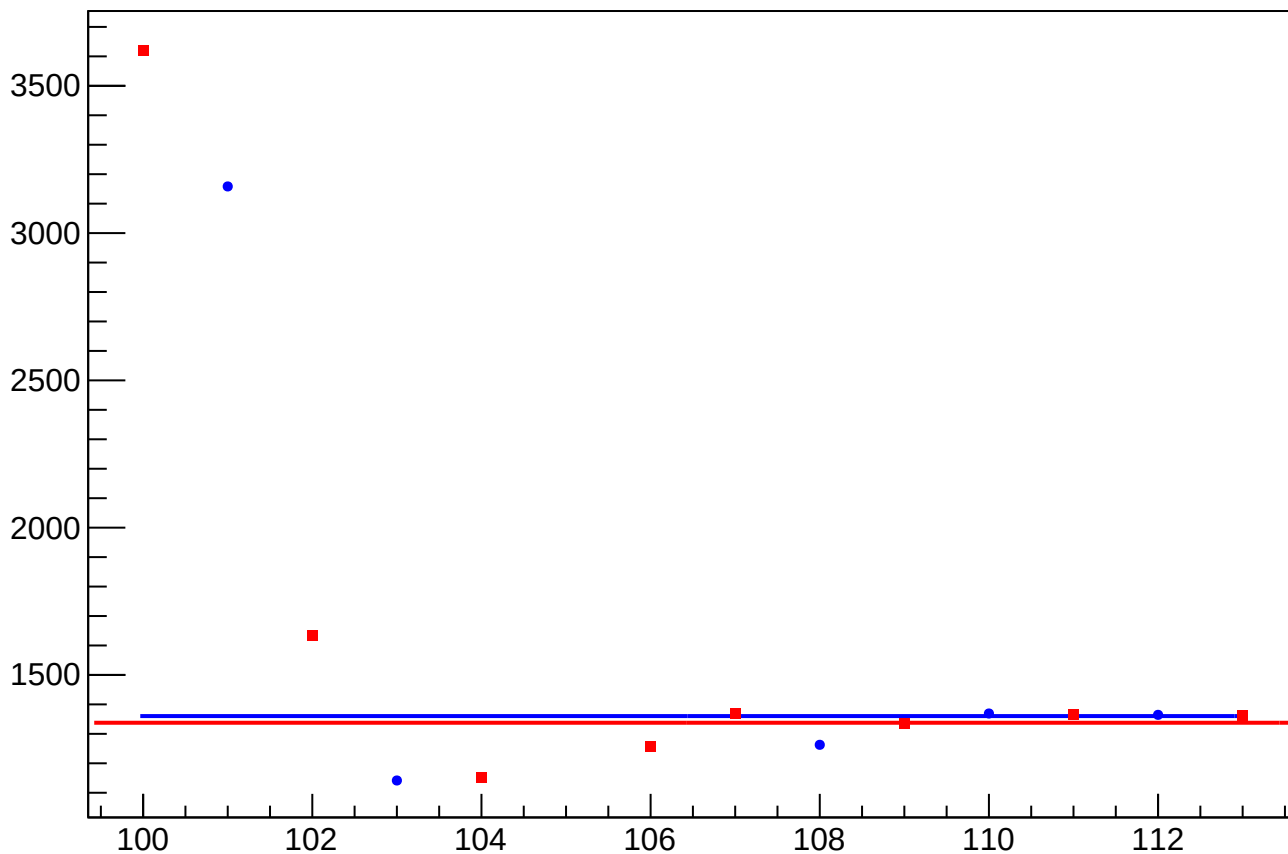
Right: -935.818 ± 590.126 χ^2/NDF : 15.6/12

In: -1415.283 ± 902.919 χ^2/NDF : 10.4/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -935.818 ± 590.126 χ^2/NDF : 15.6/12

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: 1337.665+/-0.548 χ^2/NDF : 120806.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

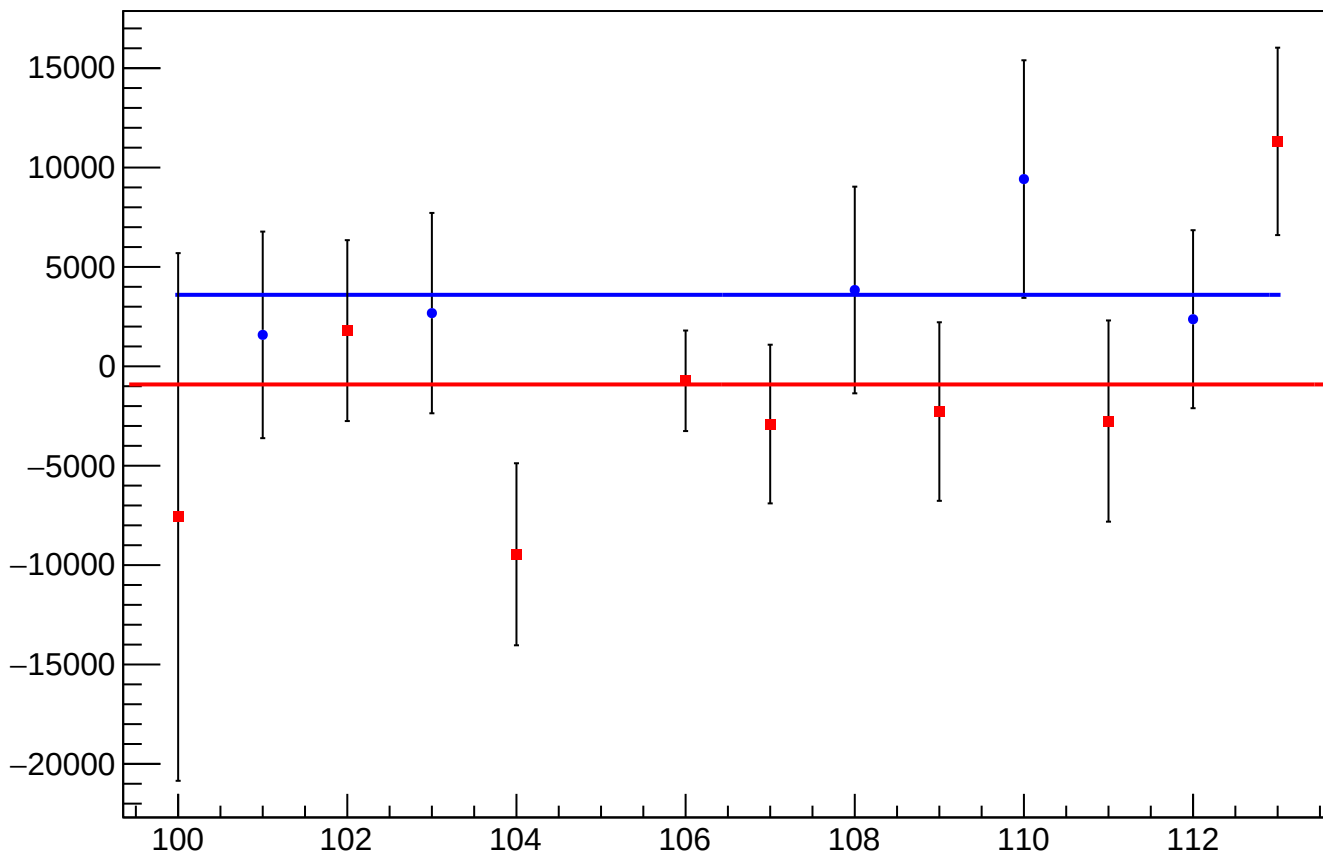
Right: 1347.267+/-0.416 χ^2/NDF : 593784.8/12

In: 1360.317+/-0.638 χ^2/NDF : 472253.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1347.267+/-0.416 χ^2/NDF : 593784.8/12

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: -911.596 $\pm$ 1483.479 χ^2 /NDF: 11.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

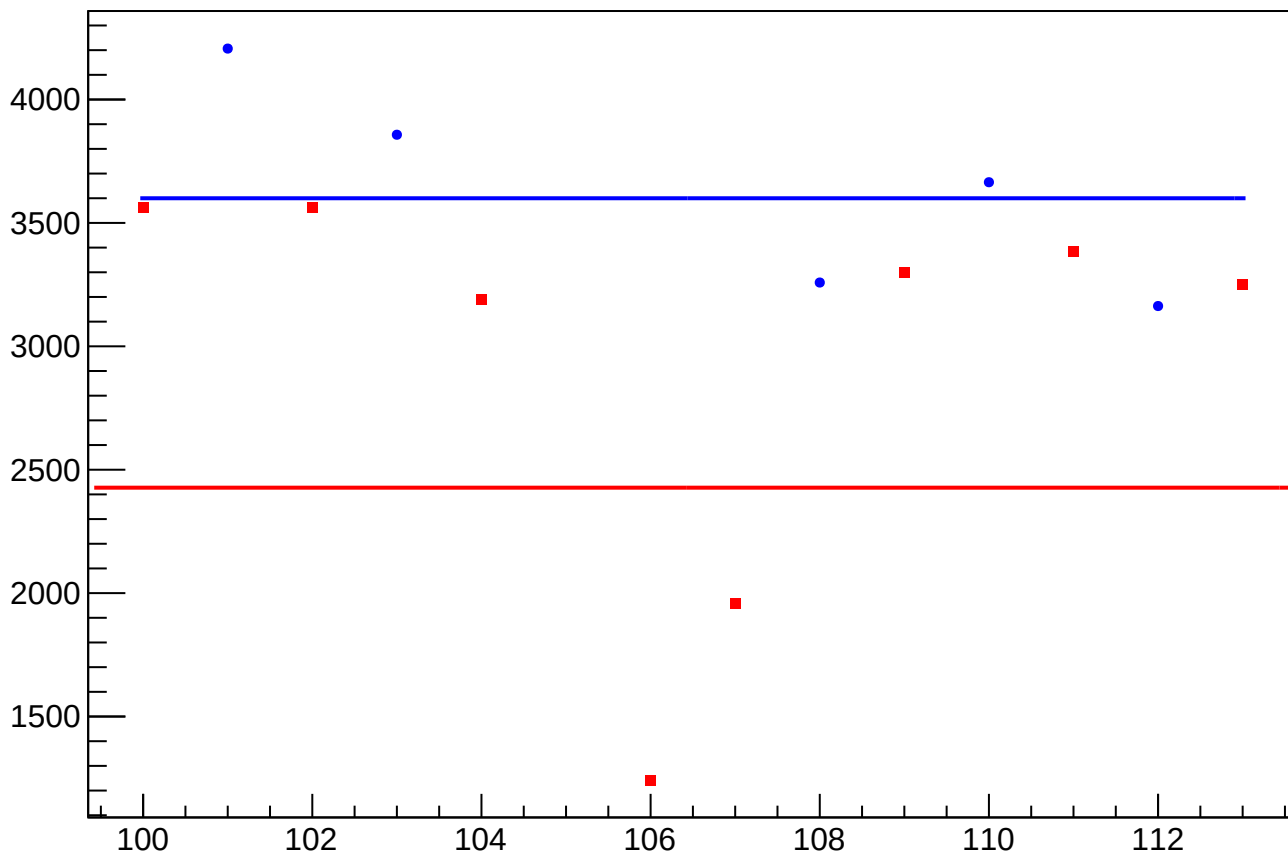
Right: 424.112 $\pm$ 1244.484 χ^2 /NDF: 15.2/12

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: 424.112 $\pm$ 1244.484 χ^2 /NDF: 15.2/12

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: 2427.268+/-1.049 χ^2/NDF : 869254.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

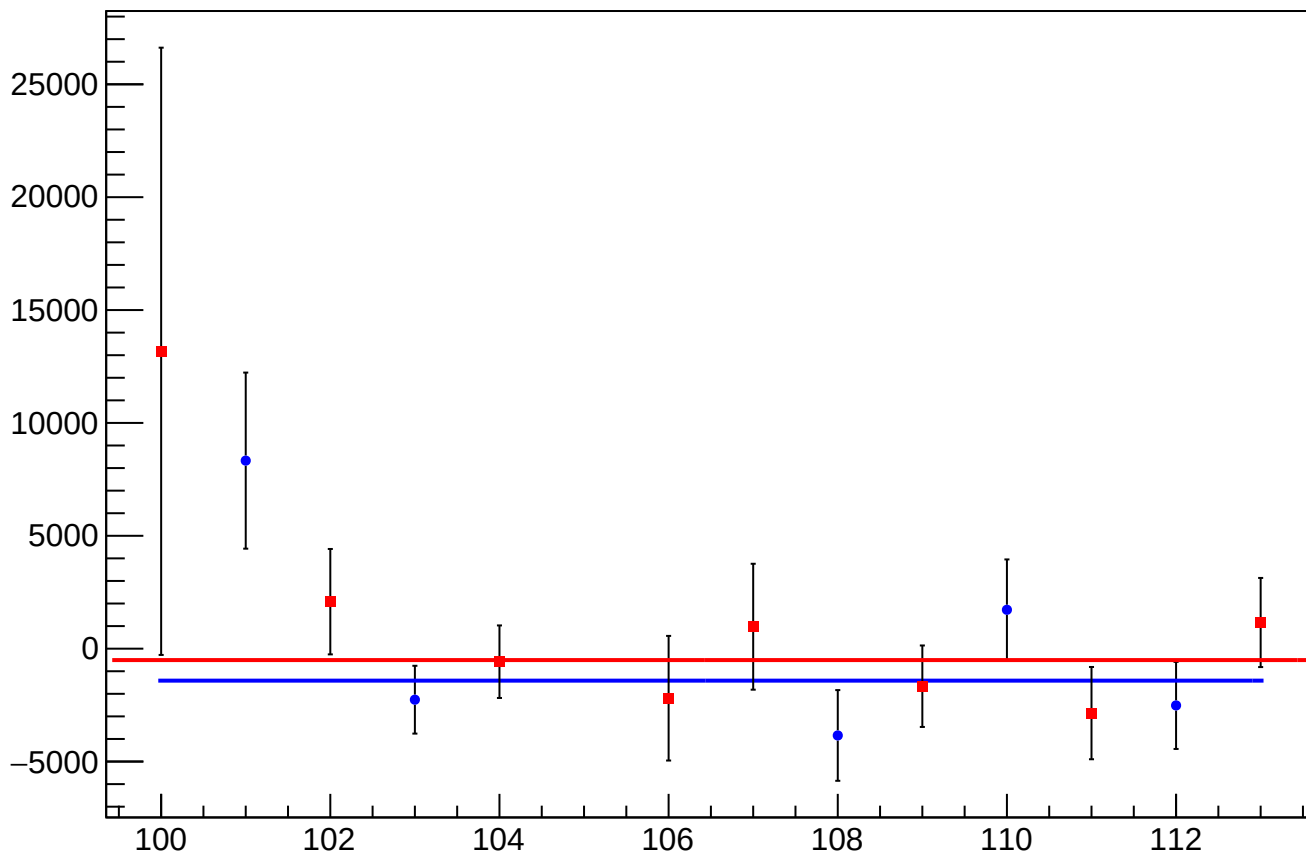
Right: 2774.675+/-0.880 χ^2/NDF : 1299842.3/12

In: 3599.934+/-1.617 χ^2/NDF : 60351.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2774.675+/-0.880 χ^2/NDF : 1299842.3/12

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: -505.605+/-781.025 χ^2/NDF : 5.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

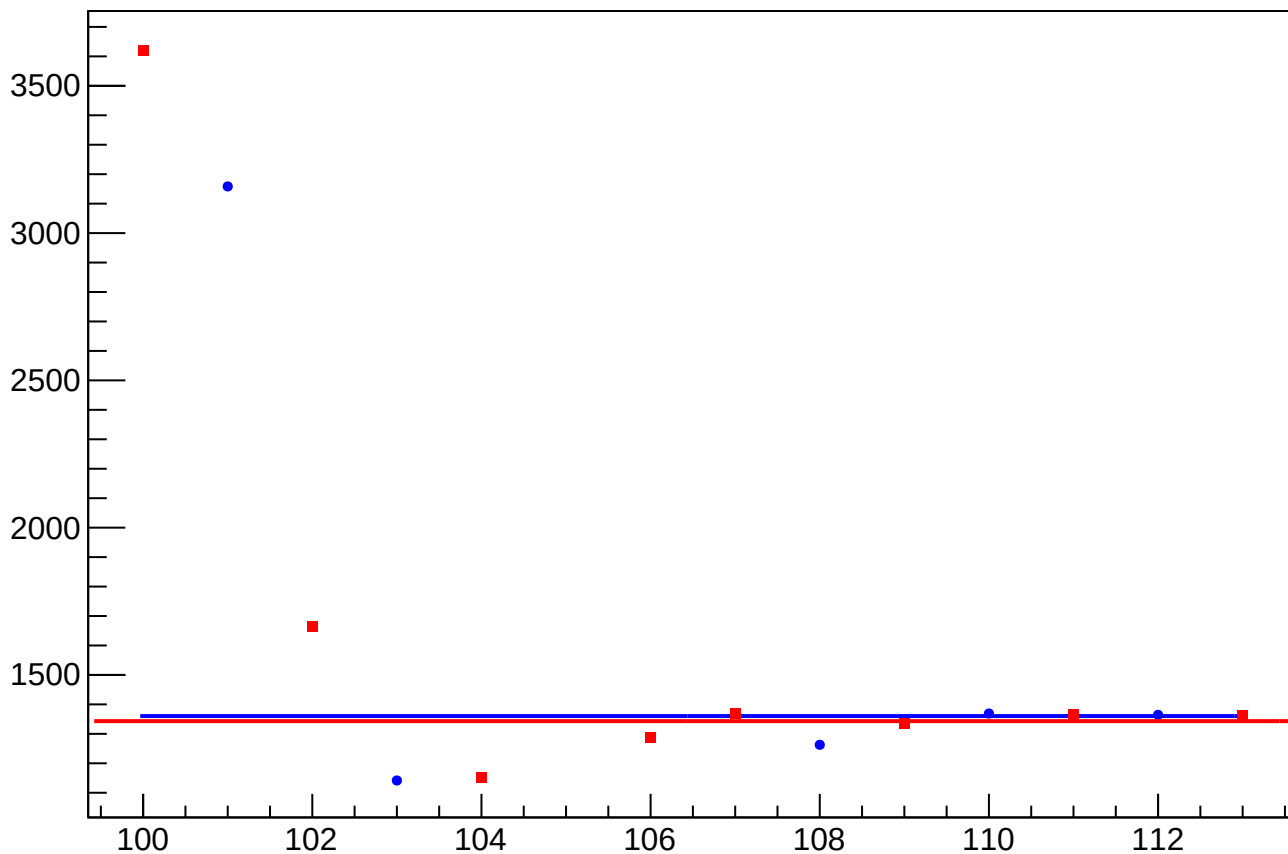
Right: -895.403+/-590.699 χ^2/NDF : 16.3/12

In: -1416.367+/-902.919 χ^2/NDF : 10.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -895.403+/-590.699 χ^2/NDF : 16.3/12

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: 1343.114+/-0.550 χ^2/NDF : 125904.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

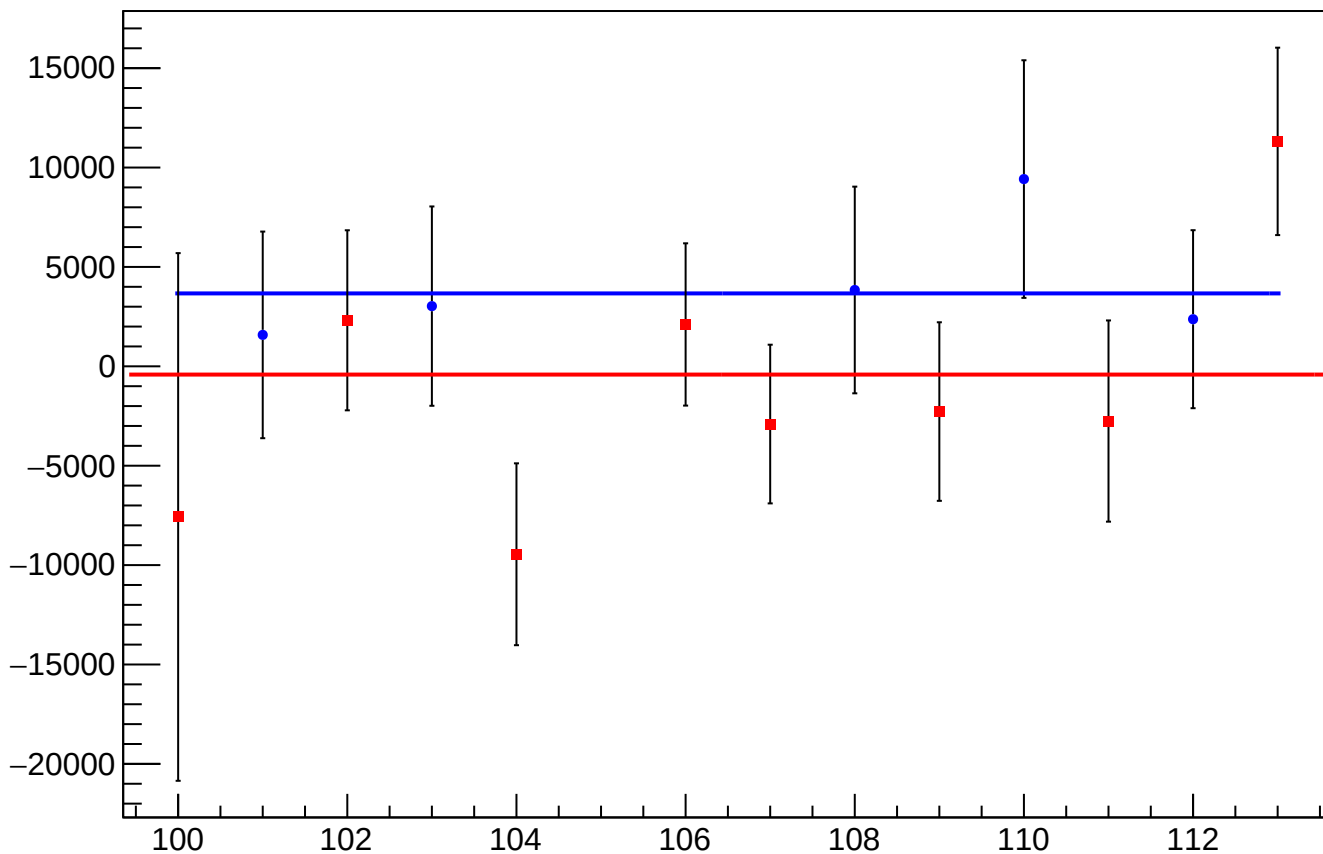
Right: 1350.437+/-0.417 χ^2/NDF : 598576.8/12

In: 1360.316+/-0.638 χ^2/NDF : 472255.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1350.437+/-0.417 χ^2/NDF : 598576.8/12

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: -415.290+/-1669.939 χ^2/NDF : 11.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

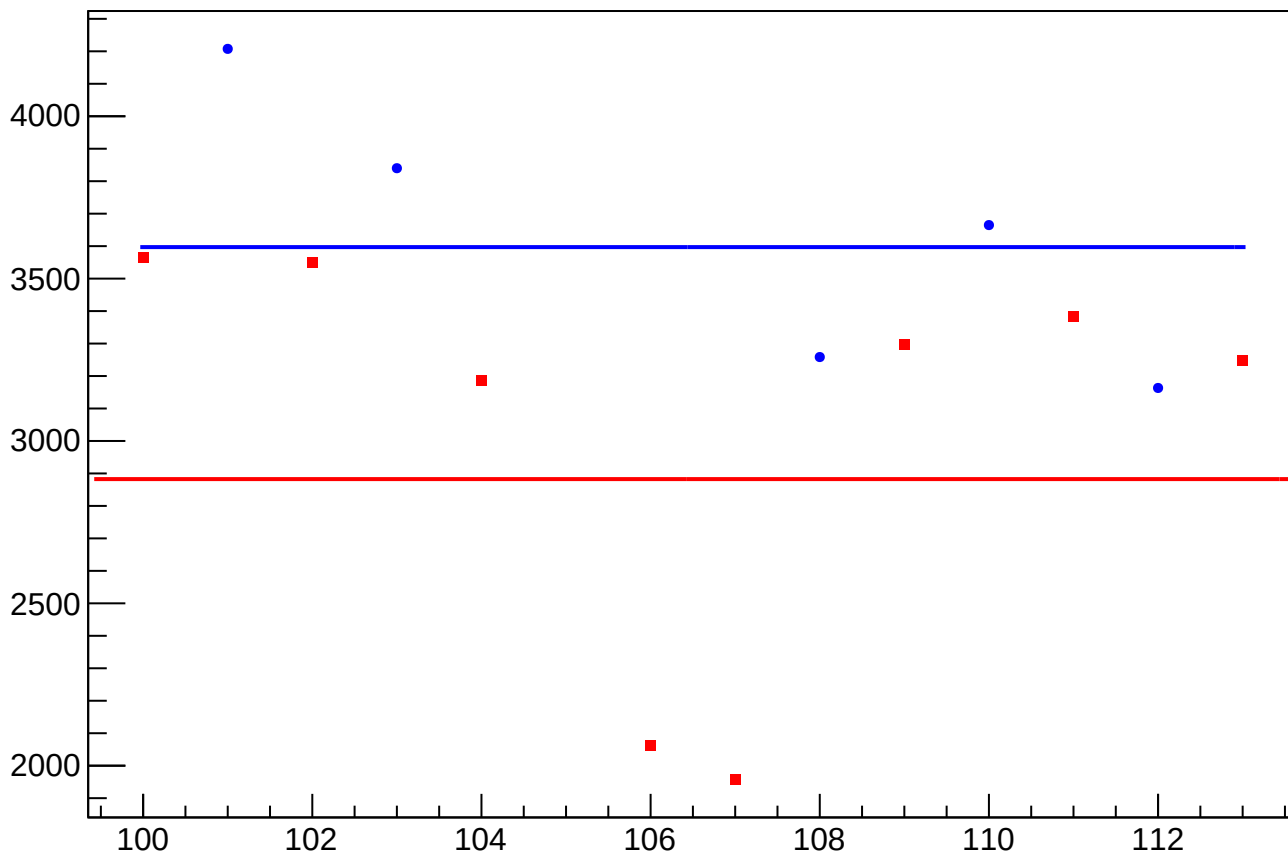
Right: 1007.083+/-1348.072 χ^2/NDF : 15.2/12

In: 3668.066+/-2284.100 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1007.083+/-1348.072 χ^2/NDF : 15.2/12

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: 2882.604+/-1.181 χ^2/NDF : 294878.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

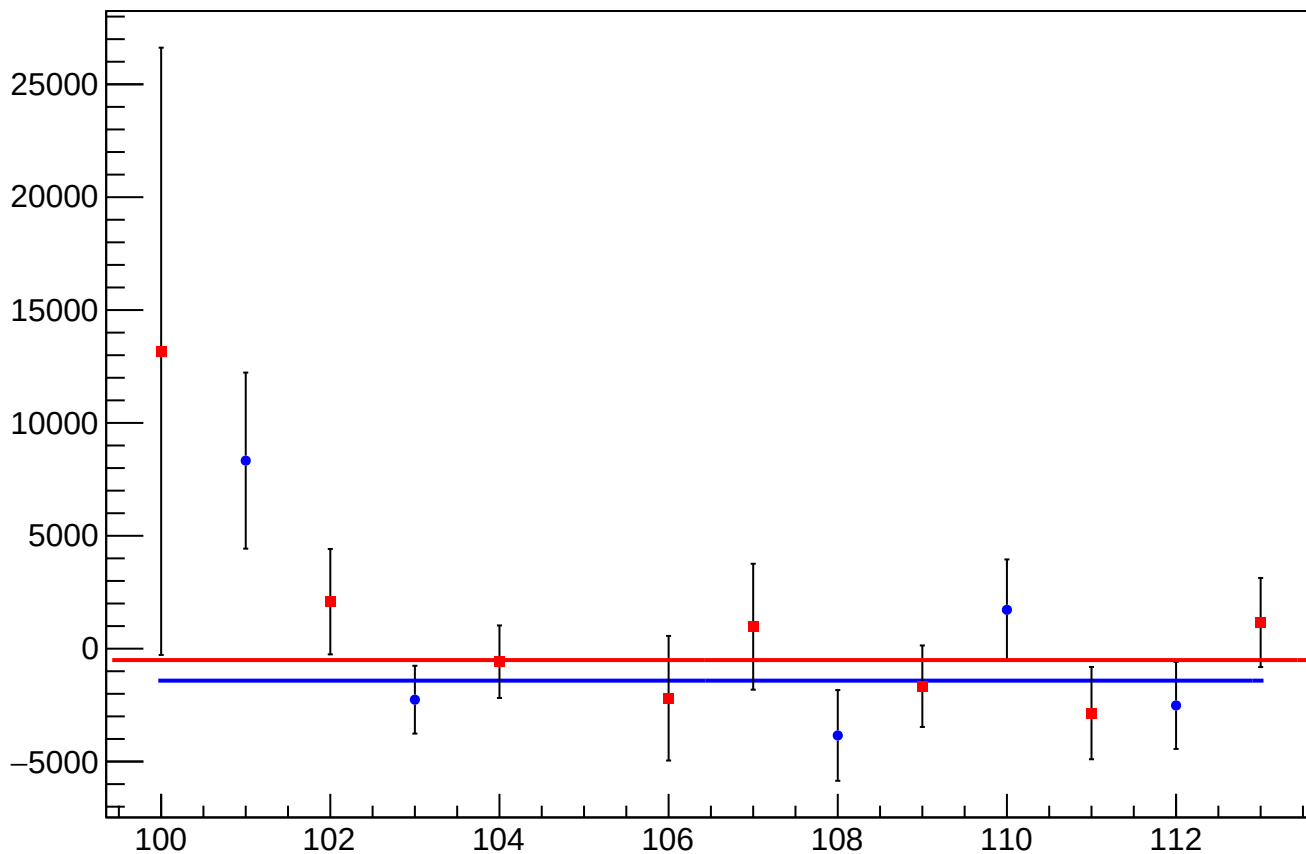
Right: 3131.467+/-0.953 χ^2/NDF : 482194.1/12

In: 3597.041+/-1.615 χ^2/NDF : 59803.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3131.467+/-0.953 χ^2/NDF : 482194.1/12

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: -505.605+/-781.025 χ^2/NDF : 5.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

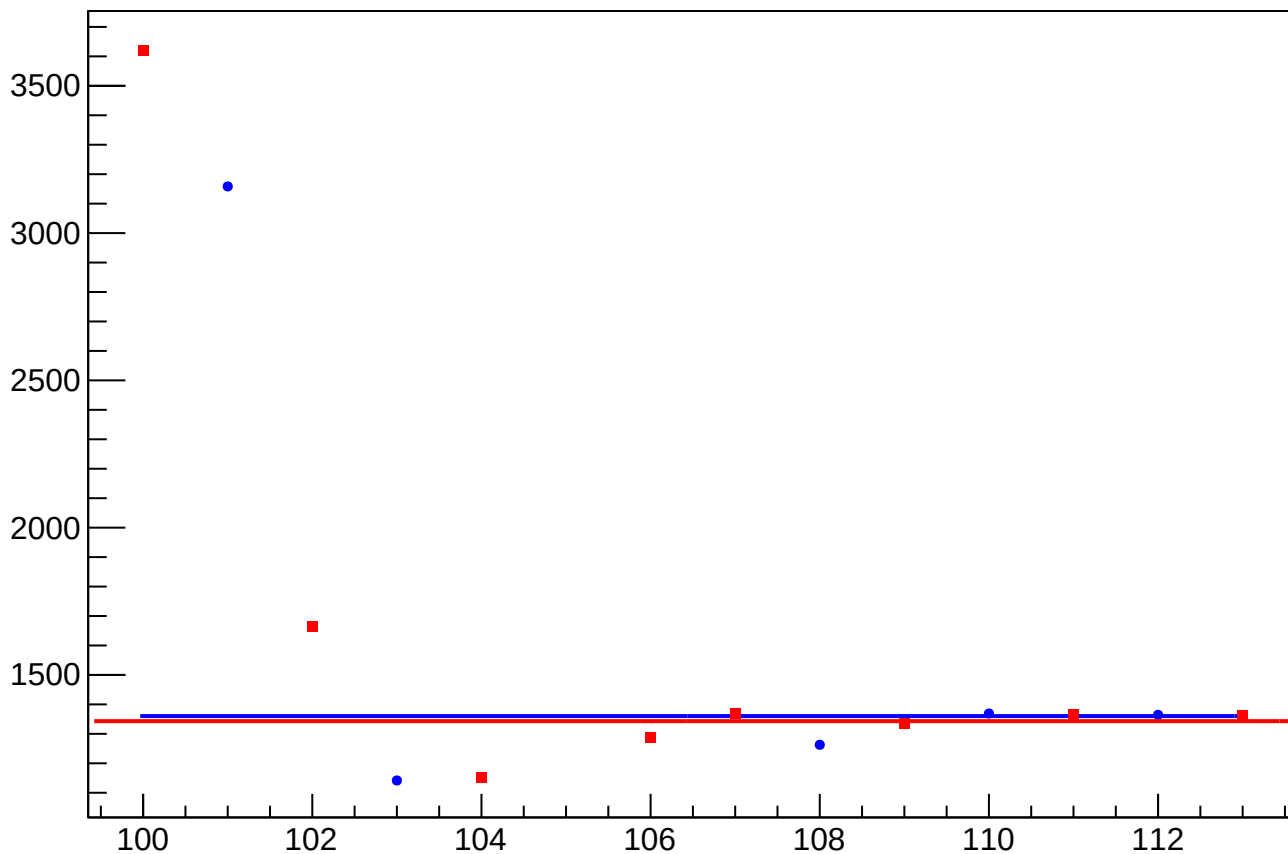
Right: -895.403+/-590.699 χ^2/NDF : 16.3/12

In: -1416.367+/-902.919 χ^2/NDF : 10.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -895.403+/-590.699 χ^2/NDF : 16.3/12

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: 1343.114+/-0.550 χ^2/NDF : 125904.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

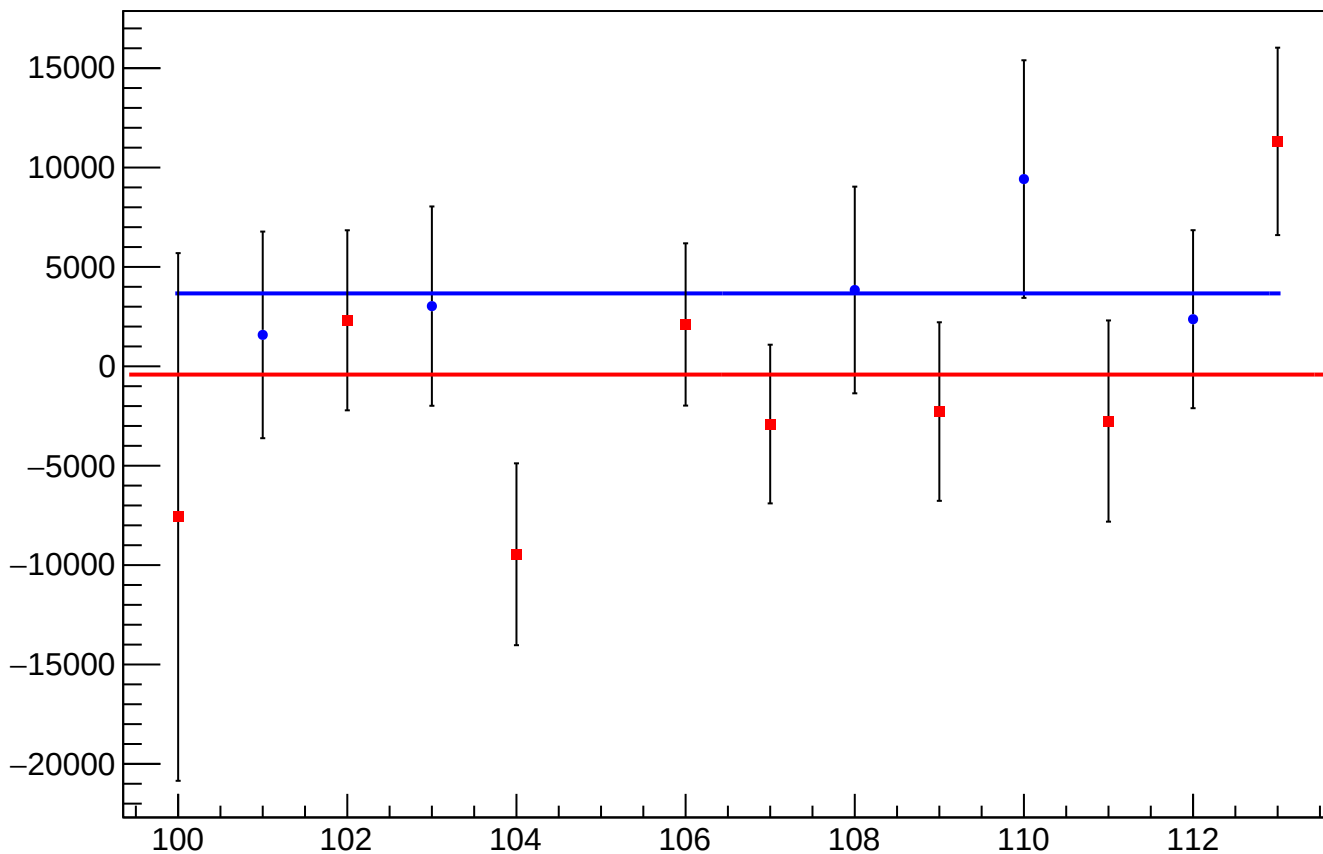
Right: 1350.437+/-0.417 χ^2/NDF : 598576.8/12

In: 1360.316+/-0.638 χ^2/NDF : 472255.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1350.437+/-0.417 χ^2/NDF : 598576.8/12

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: -415.290+/-1669.939 χ^2/NDF : 11.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

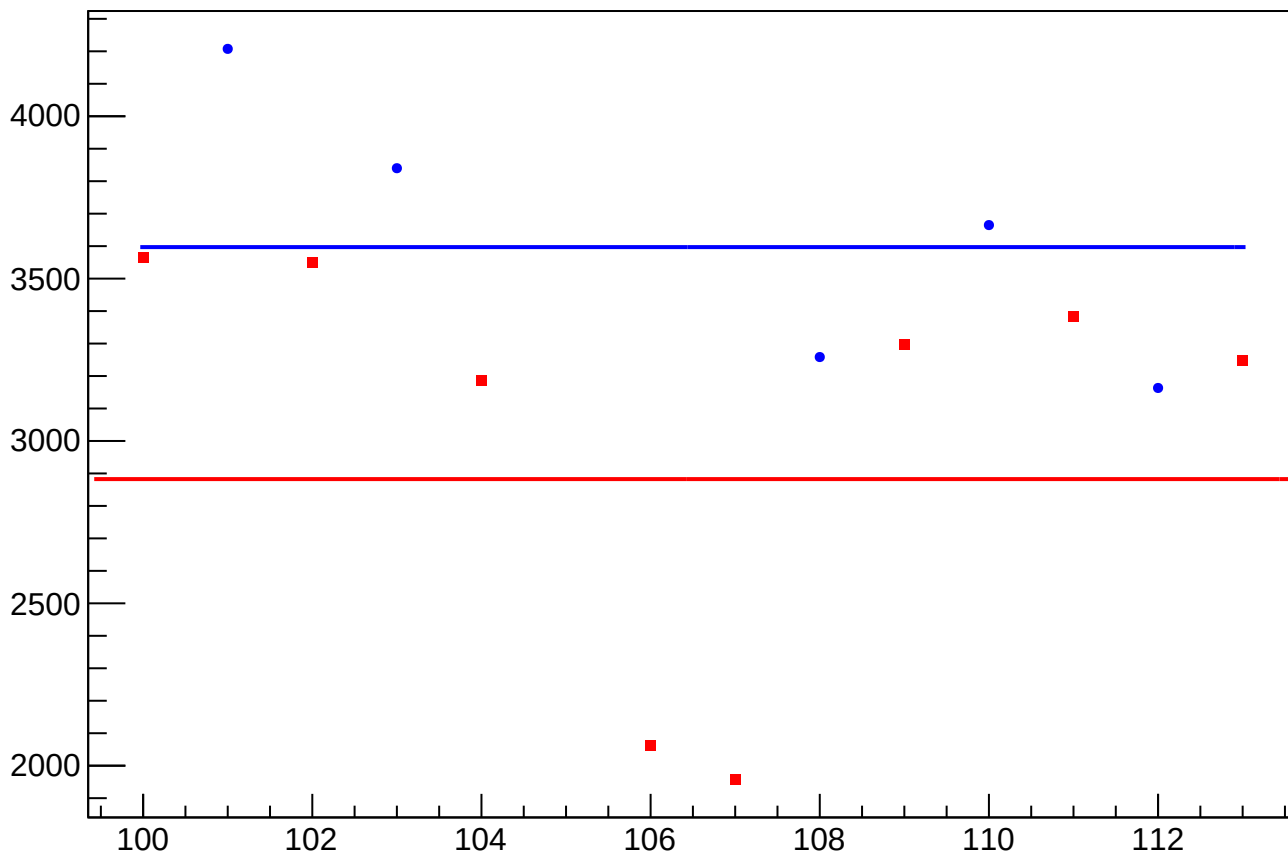
Right: 1007.083+/-1348.072 χ^2/NDF : 15.2/12

In: 3668.066+/-2284.100 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1007.083+/-1348.072 χ^2/NDF : 15.2/12

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: 2882.604+/-1.181 χ^2/NDF : 294878.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

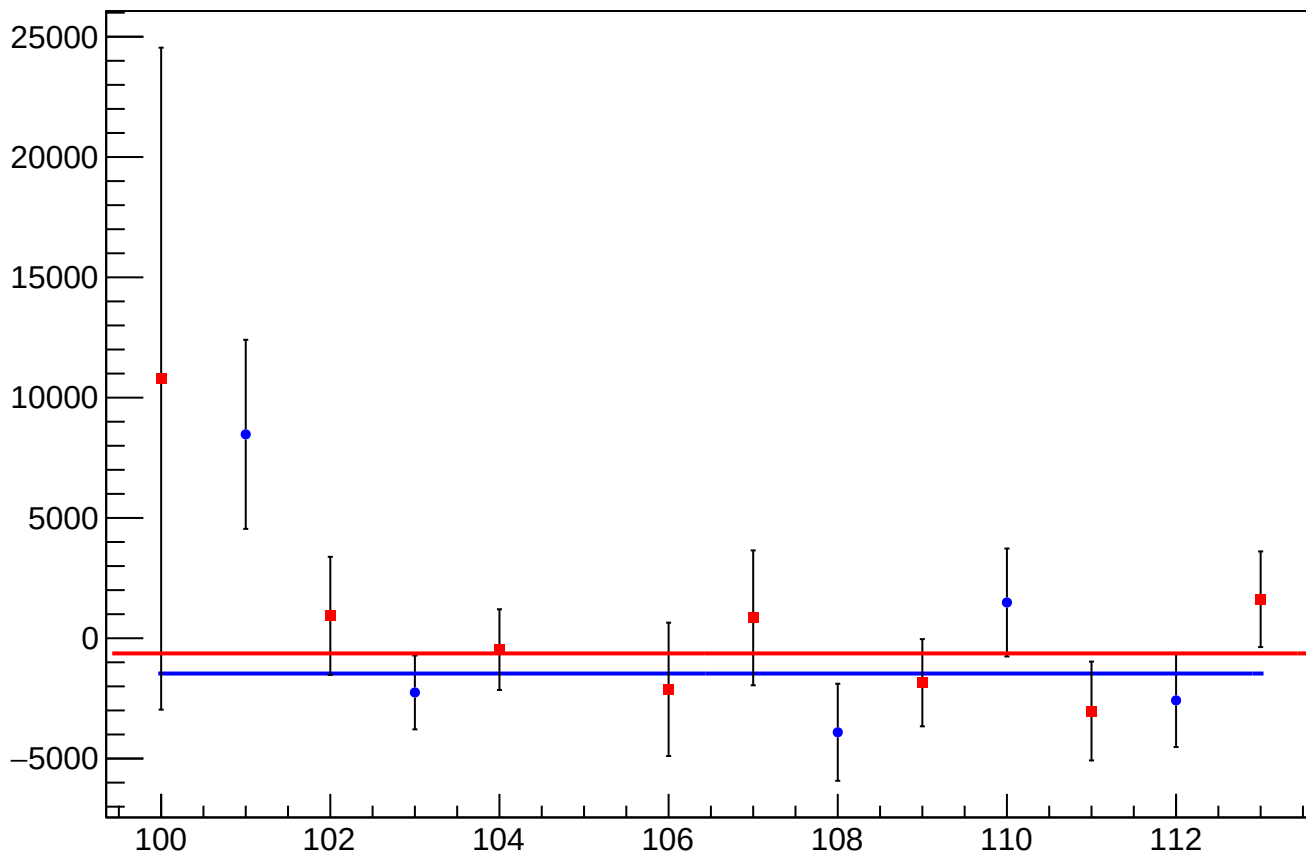
Right: 3131.467+/-0.953 χ^2/NDF : 482194.1/12

In: 3597.041+/-1.615 χ^2/NDF : 59803.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3131.467+/-0.953 χ^2/NDF : 482194.1/12

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: -630.333+/-795.893 χ^2/NDF : 4.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

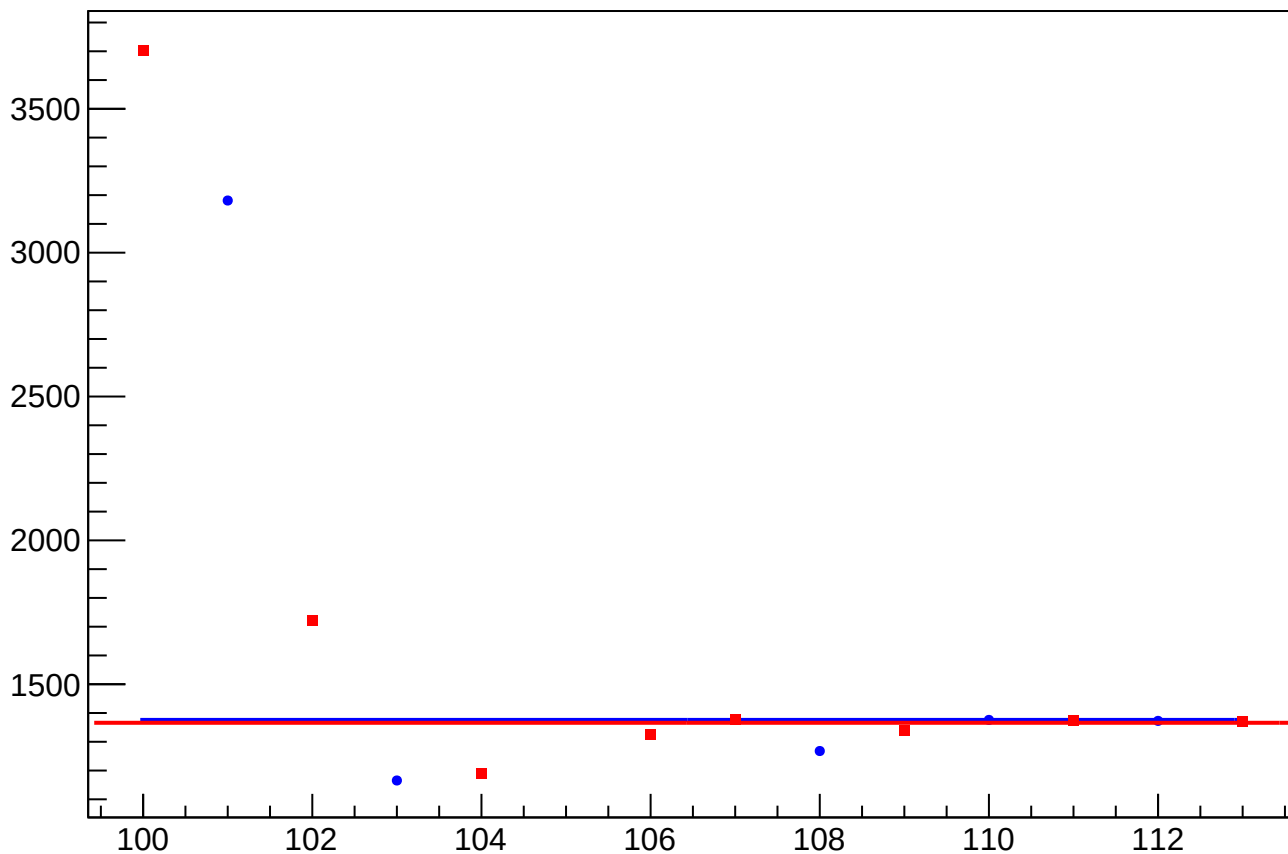
Right: -991.266+/-599.906 χ^2/NDF : 15.4/12

In: -1466.101+/-912.879 χ^2/NDF : 10.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -991.266+/-599.906 χ^2/NDF : 15.4/12

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: 1365.991+/-0.562 χ^2/NDF : 122488.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

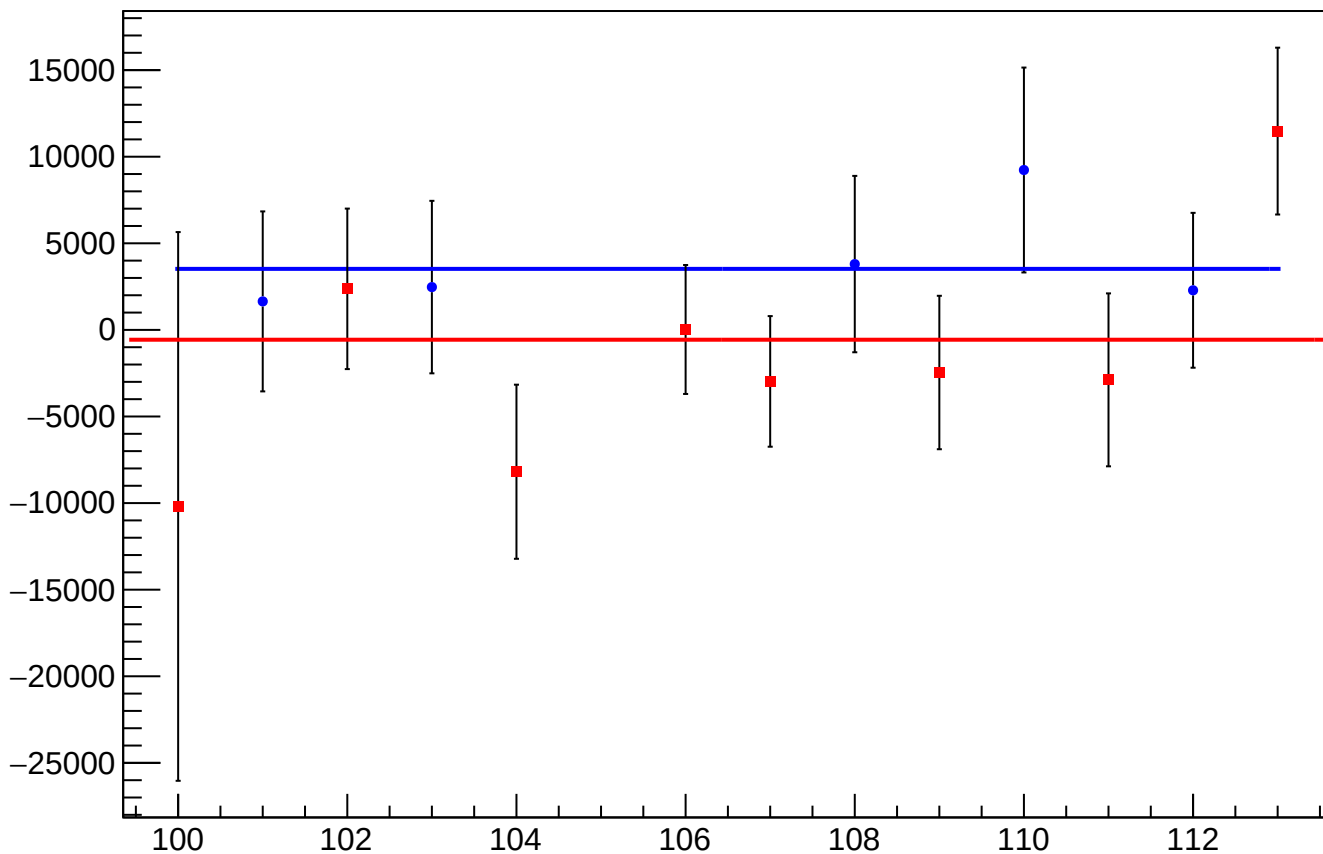
Right: 1370.303+/-0.424 χ^2/NDF : 588249.5/12

In: 1375.999+/-0.646 χ^2/NDF : 465624.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1370.303+/-0.424 χ^2/NDF : 588249.5/12

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: -567.301+/-1651.209 χ^2/NDF : 10.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

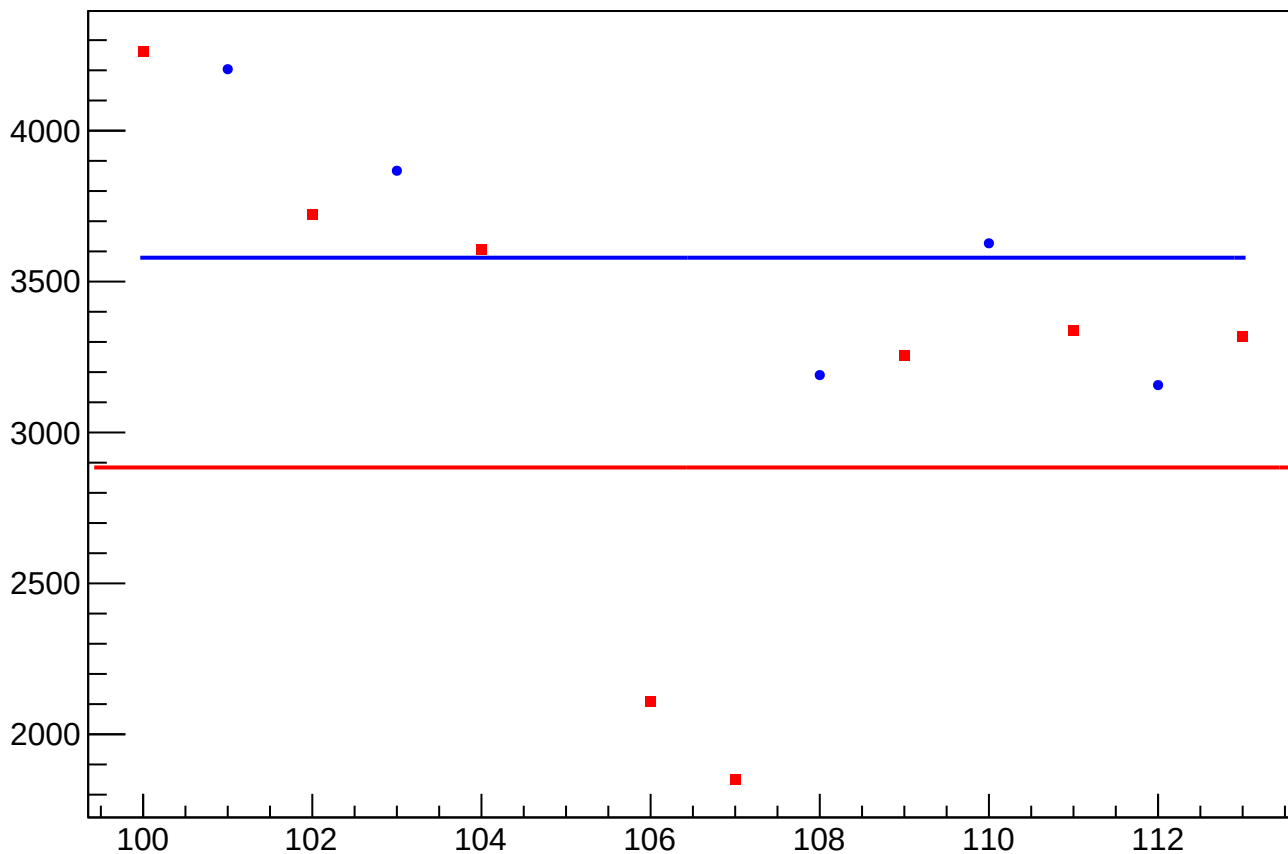
Right: 850.528+/-1334.746 χ^2/NDF : 13.5/12

In: 3523.630+/-2267.241 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 850.528+/-1334.746 χ^2/NDF : 13.5/12

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: 2884.066+/-1.168 χ^2/NDF : 406307.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

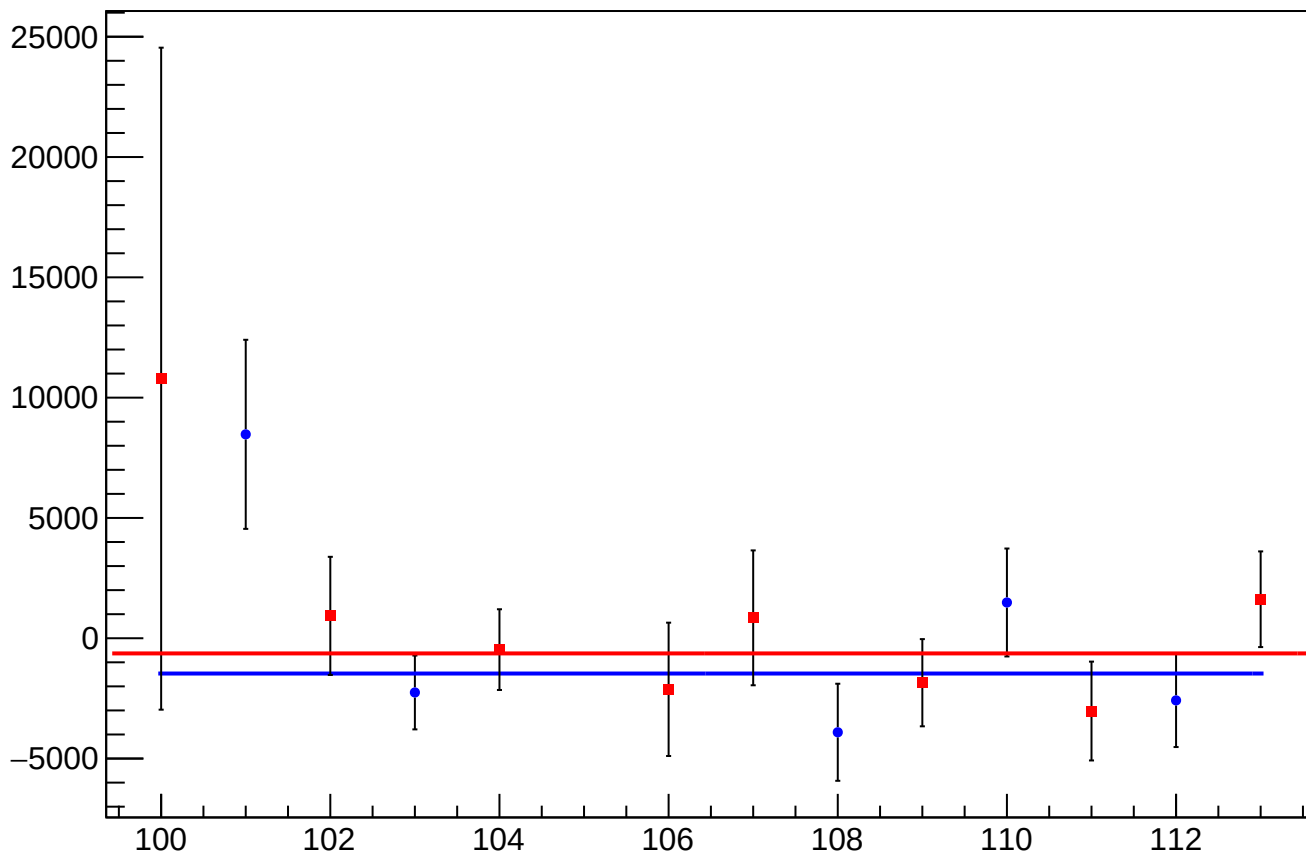
Right: 3124.963+/-0.944 χ^2/NDF : 594353.4/12

In: 3579.136+/-1.603 χ^2/NDF : 65221.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3124.963+/-0.944 χ^2/NDF : 594353.4/12

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: -630.343+/-795.893 χ^2/NDF : 4.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

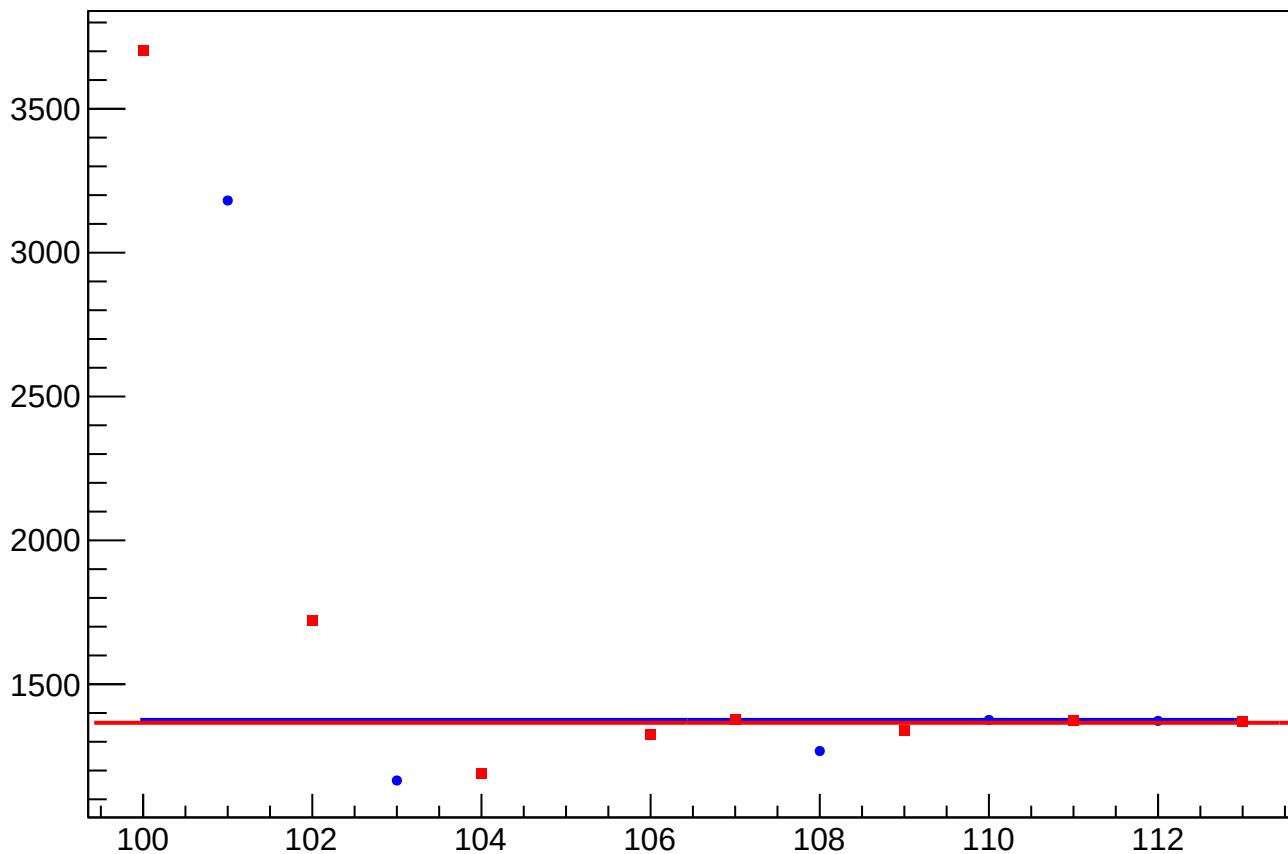
Right: -991.274+/-599.906 χ^2/NDF : 15.4/12

In: -1466.108+/-912.879 χ^2/NDF : 10.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -991.274+/-599.906 χ^2/NDF : 15.4/12

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: 1365.991+/-0.562 χ^2/NDF : 122488.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

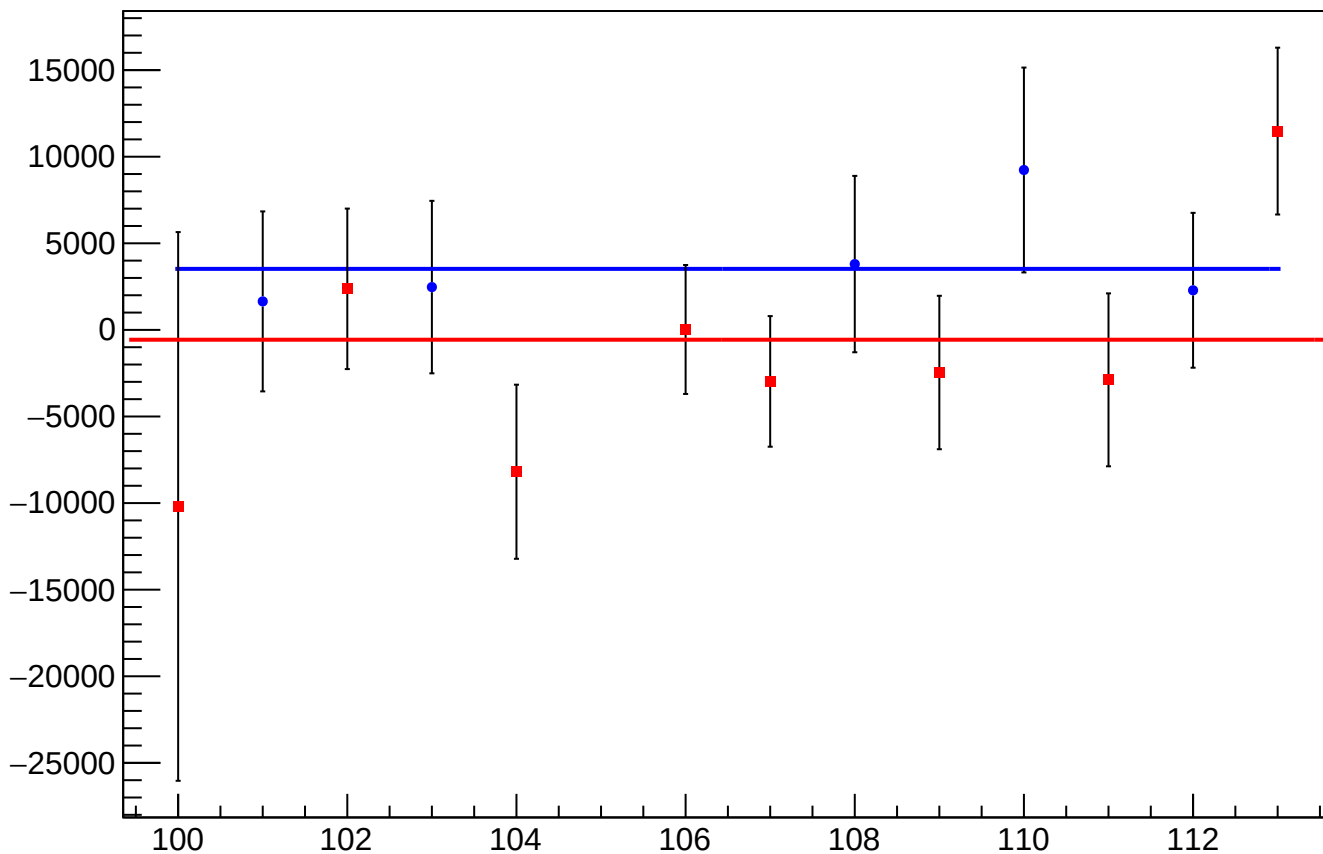
Right: 1370.303+/-0.424 χ^2/NDF : 588249.6/12

In: 1375.999+/-0.646 χ^2/NDF : 465624.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1370.303+/-0.424 χ^2/NDF : 588249.6/12

asym_atl_dd_atr_dd_avg_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: -567.306+/-1651.206 χ^2 /NDF: 10.2/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

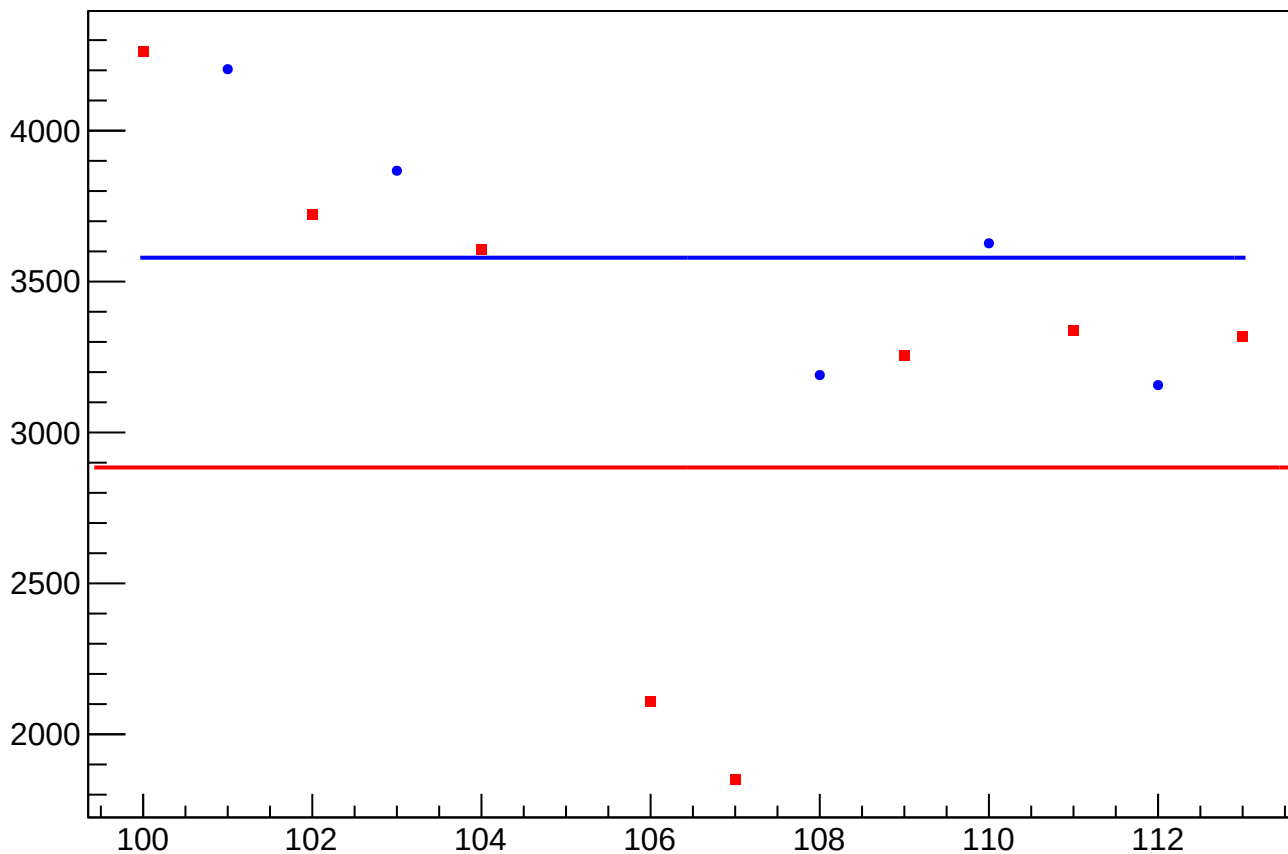
Right: 850.523+/-1334.744 χ^2 /NDF: 13.5/12

In: 3523.628+/-2267.238 χ^2 /NDF:1.2/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 850.523+/-1334.744 χ^2 /NDF: 13.5/12

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: 2884.060+/-1.168 χ^2/NDF : 406310.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

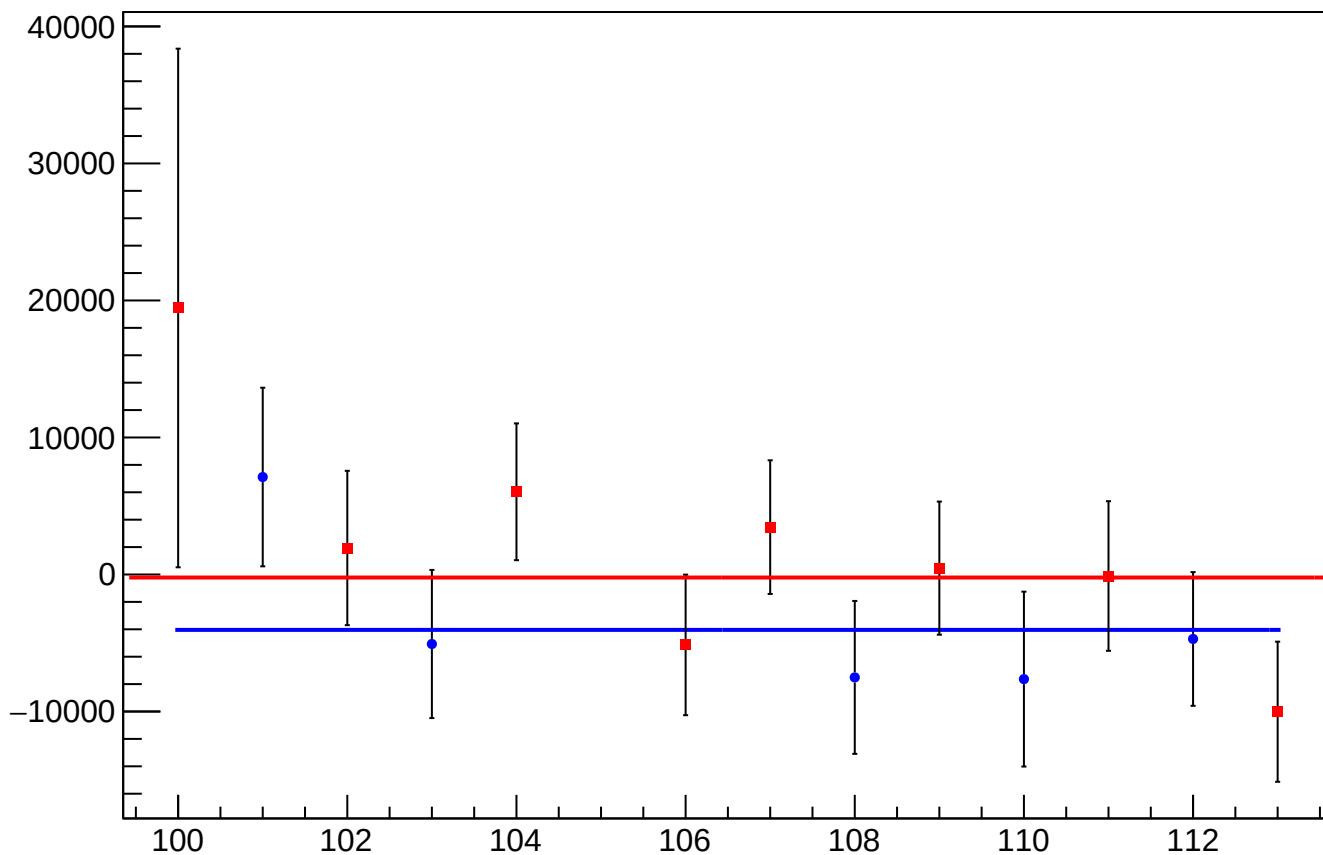
Right: 3124.957+/-0.944 χ^2/NDF : 594357.4/12

In: 3579.131+/-1.603 χ^2/NDF : 65222.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3124.957+/-0.944 χ^2/NDF : 594357.4/12

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: -221.731+/-1929.250 χ^2/NDF : 8.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

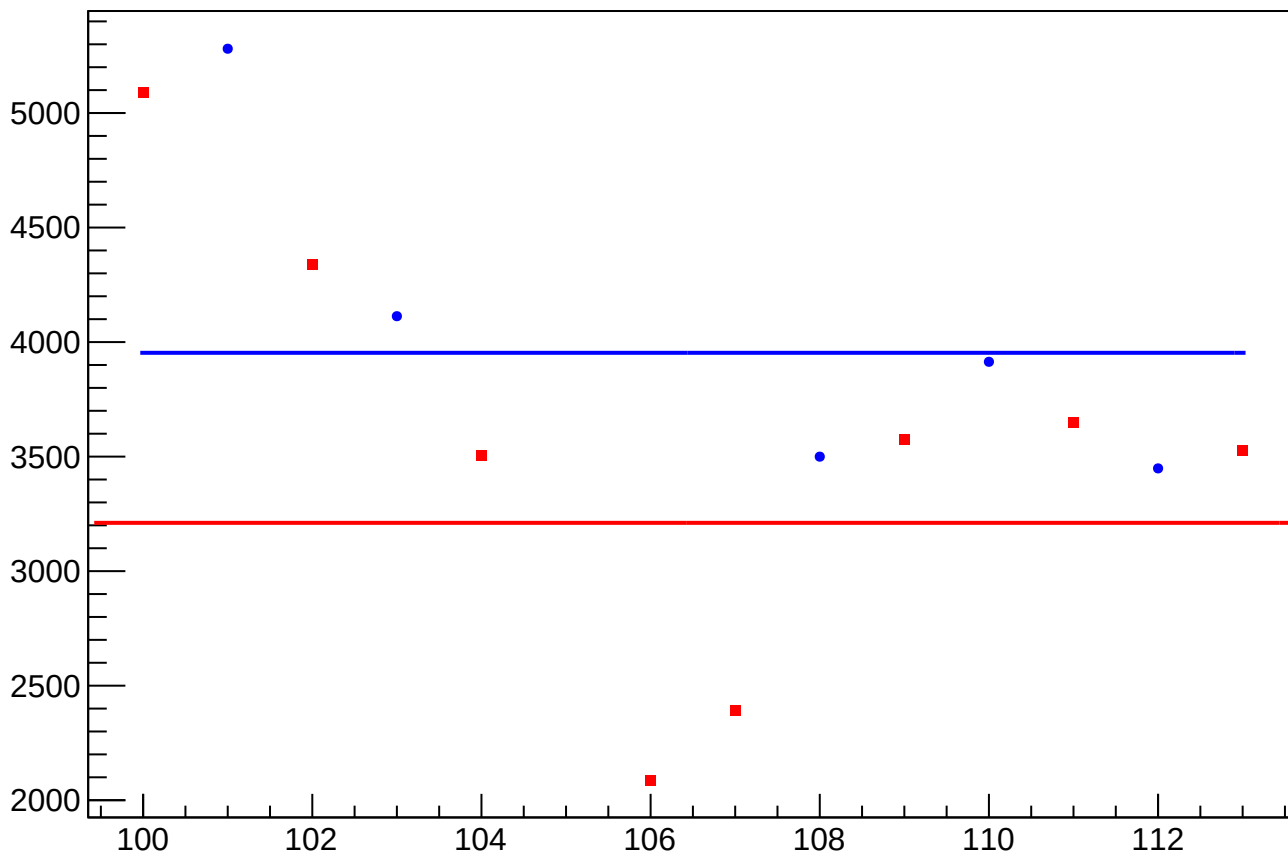
Right: -1627.890+/-1533.737 χ^2/NDF : 13.1/12

In: -4042.931+/-2528.329 χ^2/NDF : 3.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1627.890+/-1533.737 χ^2/NDF : 13.1/12

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: 3210.851+/-1.326 χ^2/NDF : 329634.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

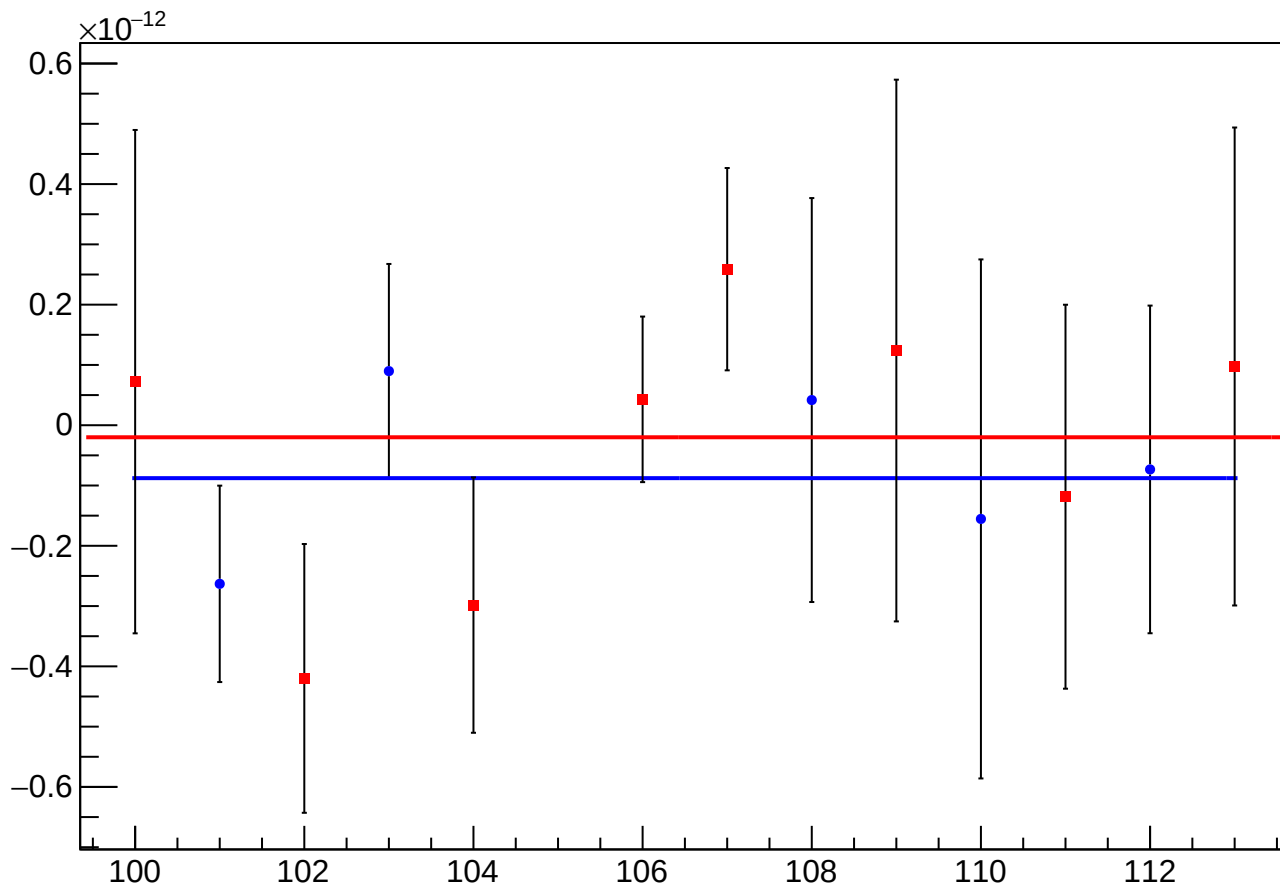
Right: 3474.362+/-1.065 χ^2/NDF : 560221.4/12

In: 3953.175+/-1.788 χ^2/NDF : 119376.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3474.362+/-1.065 χ^2/NDF : 560221.4/12

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 : 8.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

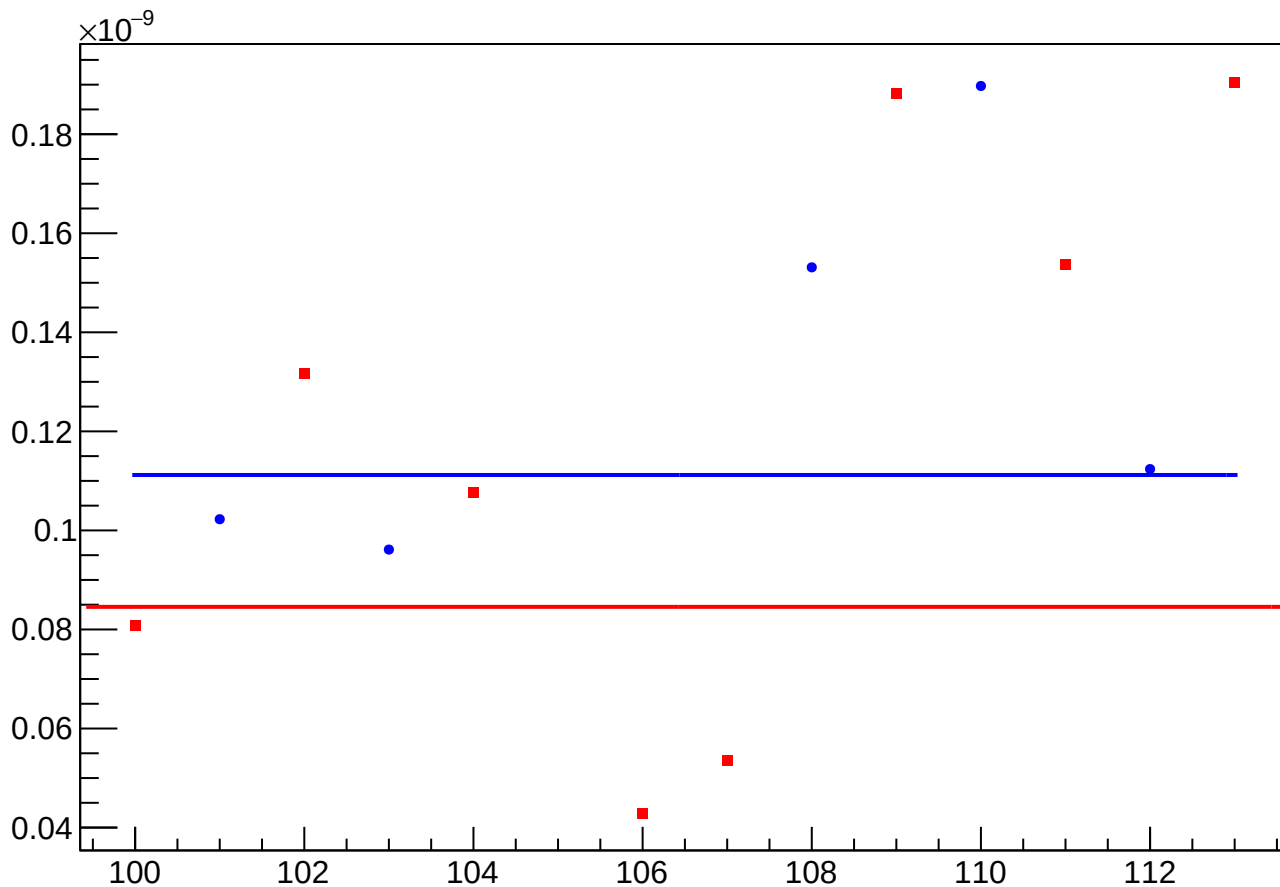
Right: -0.000+/-0.000 χ^2/NDF : 10.9/12

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 : 10.9/12

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 : 710553.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

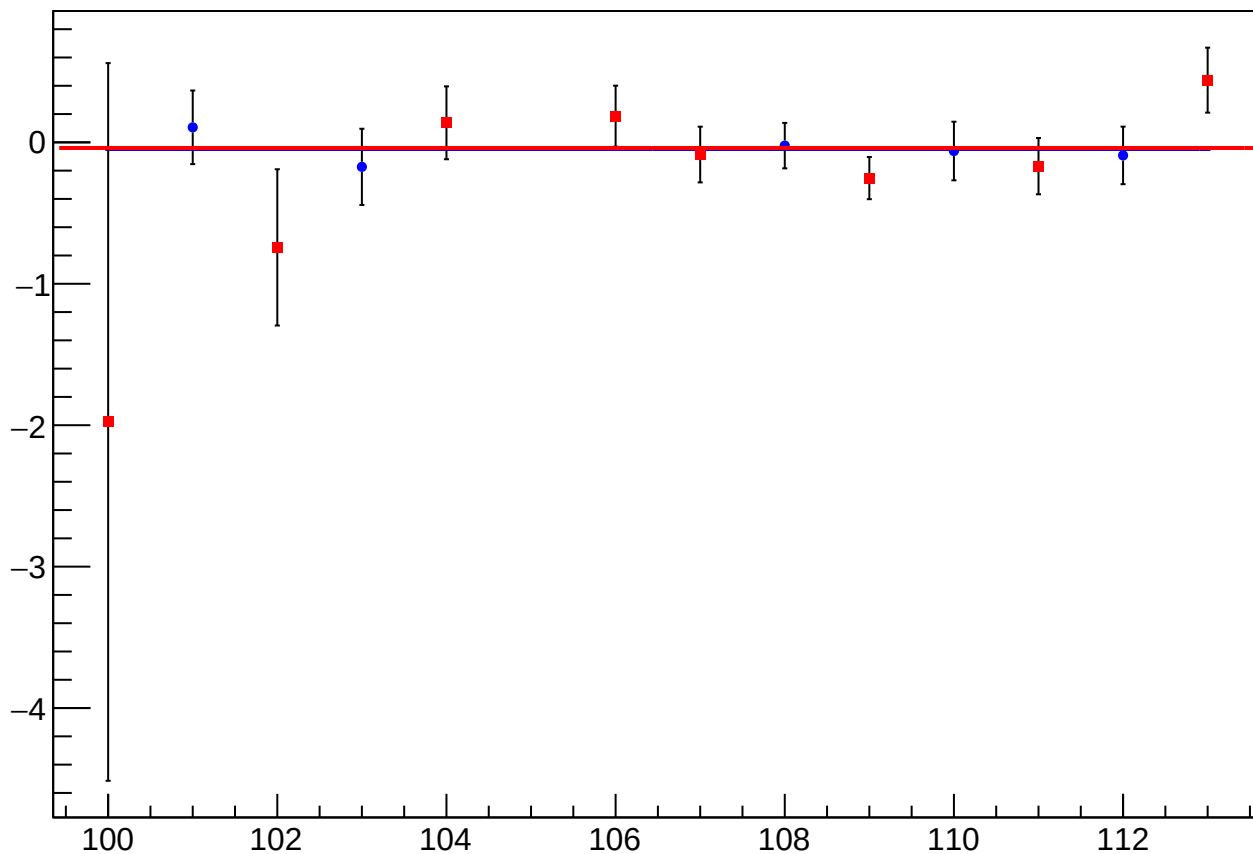
Right: 0.000+/-0.000 χ^2/NDF : 914143.5/12

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 : 914143.5/12

asym_atl_dd_atr_dd_avg_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: -0.040 $\pm$ 0.080 χ^2 /NDF: 10.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

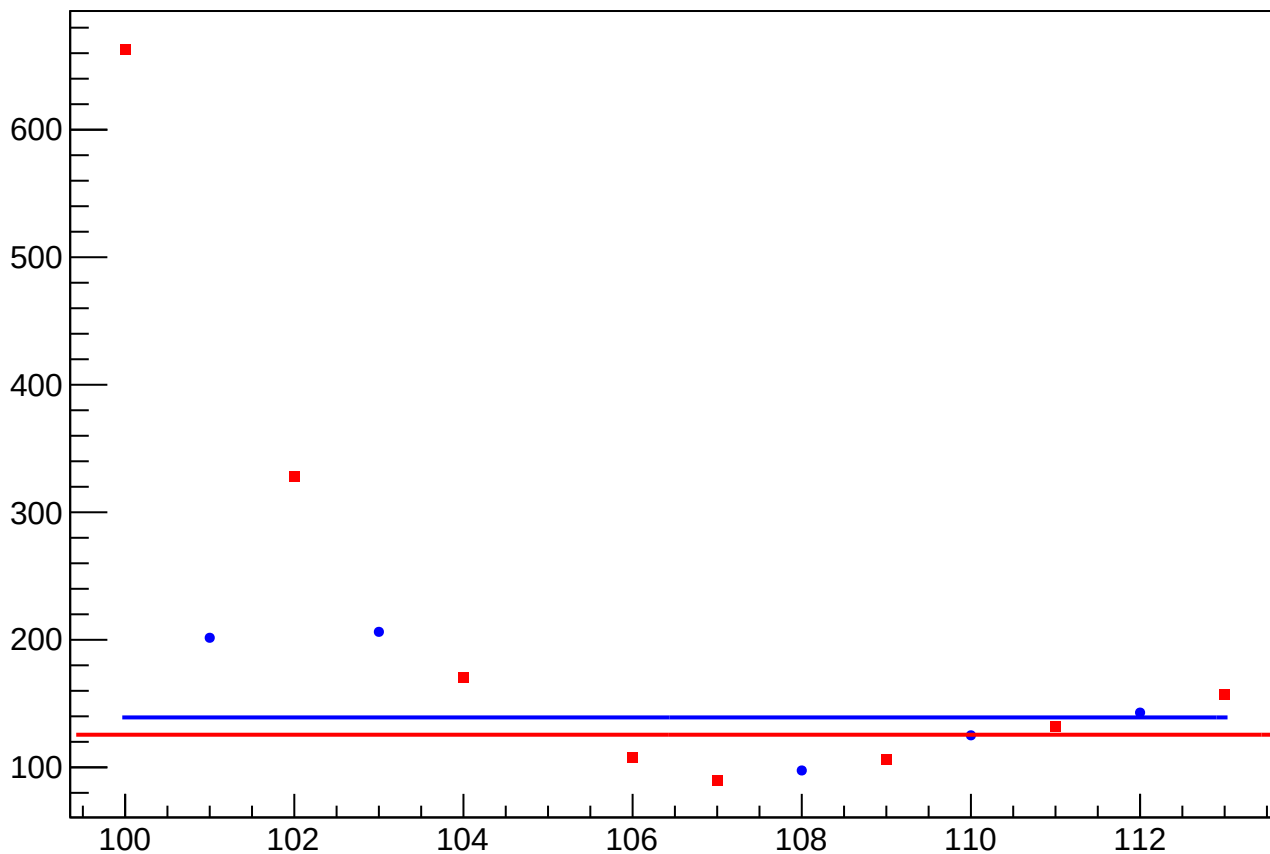
Right: -0.043 $\pm$ 0.061 χ^2 /NDF: 11.3/12

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: -0.043 $\pm$ 0.061 χ^2 /NDF: 11.3/12

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: 125.574+/-0.057 χ^2/NDF : 572839.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

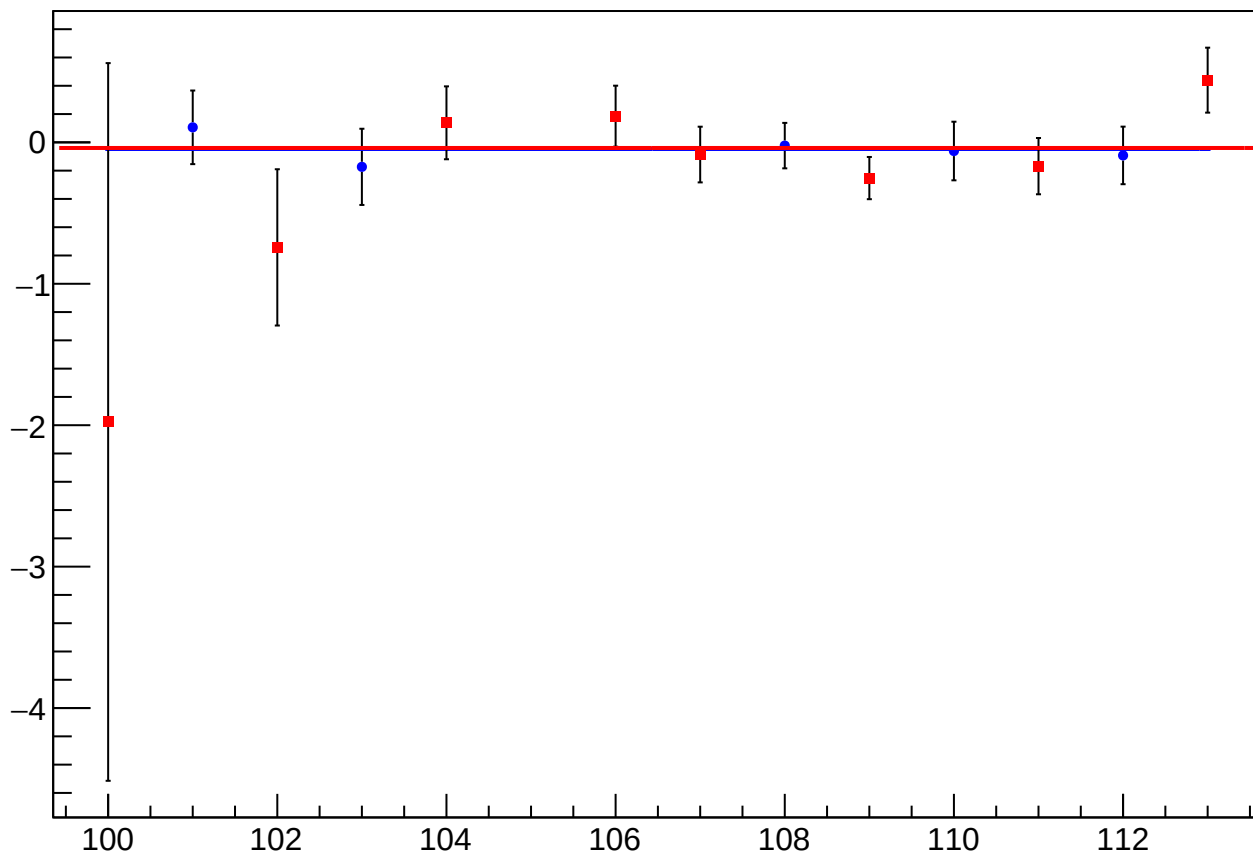
Right: 131.349+/-0.043 χ^2/NDF : 980297.3/12

In: 139.147+/-0.066 χ^2/NDF : 383175.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.349+/-0.043 χ^2/NDF : 980297.3/12

asym_atl_dd_atr_dd_avg_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: -0.040 $\pm$ 0.080 χ^2 /NDF: 10.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

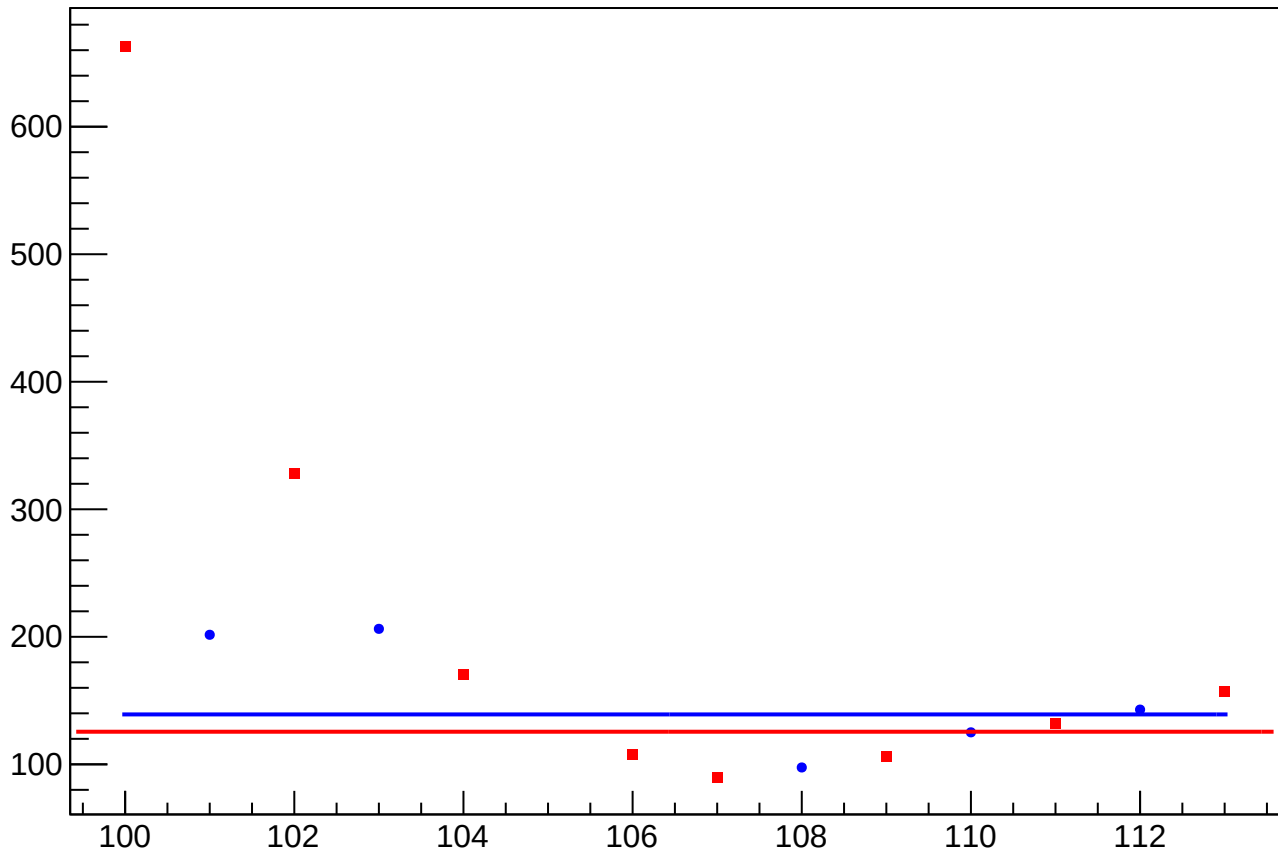
Right: -0.043 $\pm$ 0.061 χ^2 /NDF: 11.3/12

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: -0.043 $\pm$ 0.061 χ^2 /NDF: 11.3/12

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: 125.574+/-0.057 χ^2/NDF : 572839.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

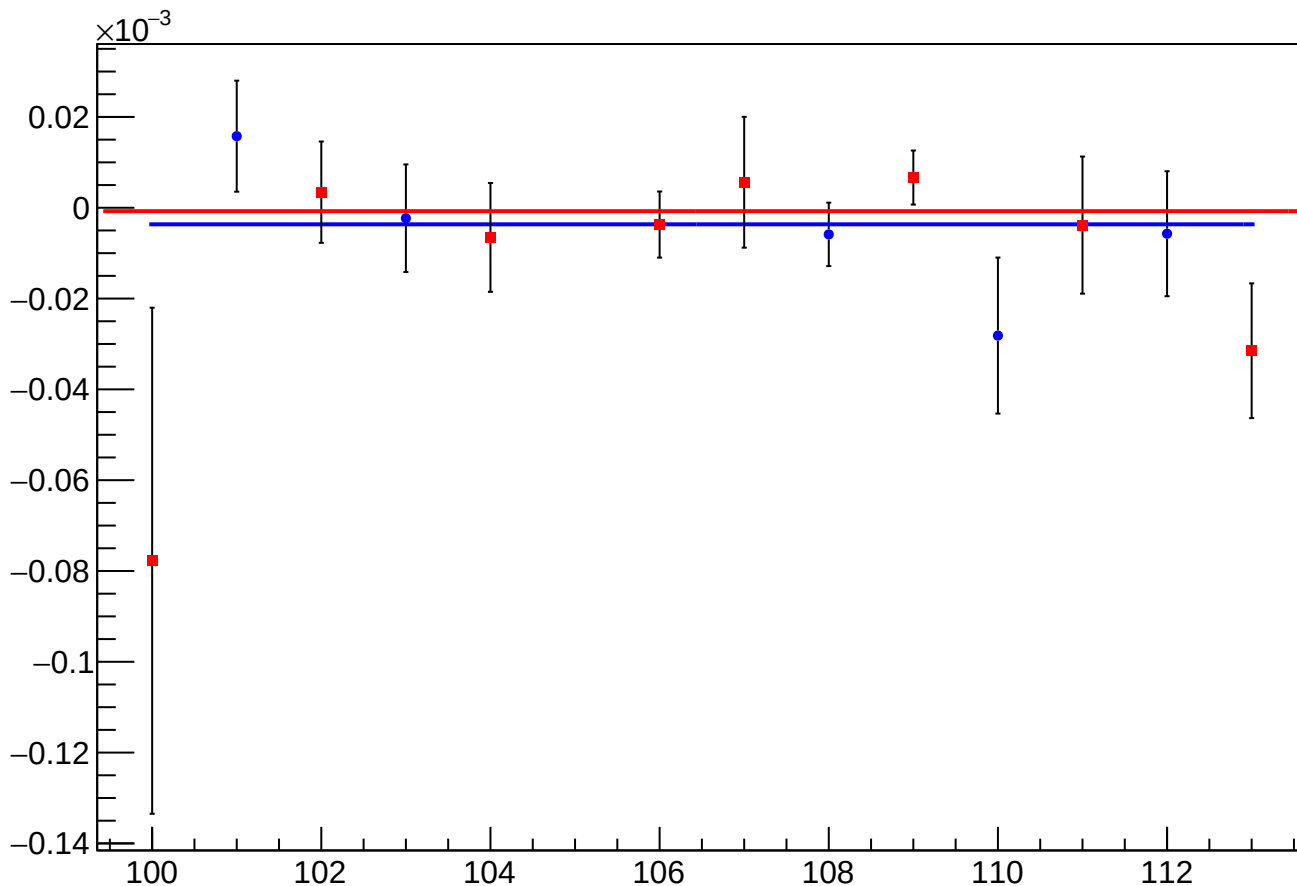
Right: 131.349+/-0.043 χ^2/NDF : 980297.3/12

In: 139.147+/-0.066 χ^2/NDF : 383175.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.349+/-0.043 χ^2/NDF : 980297.3/12

asym_atl_dd_atr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

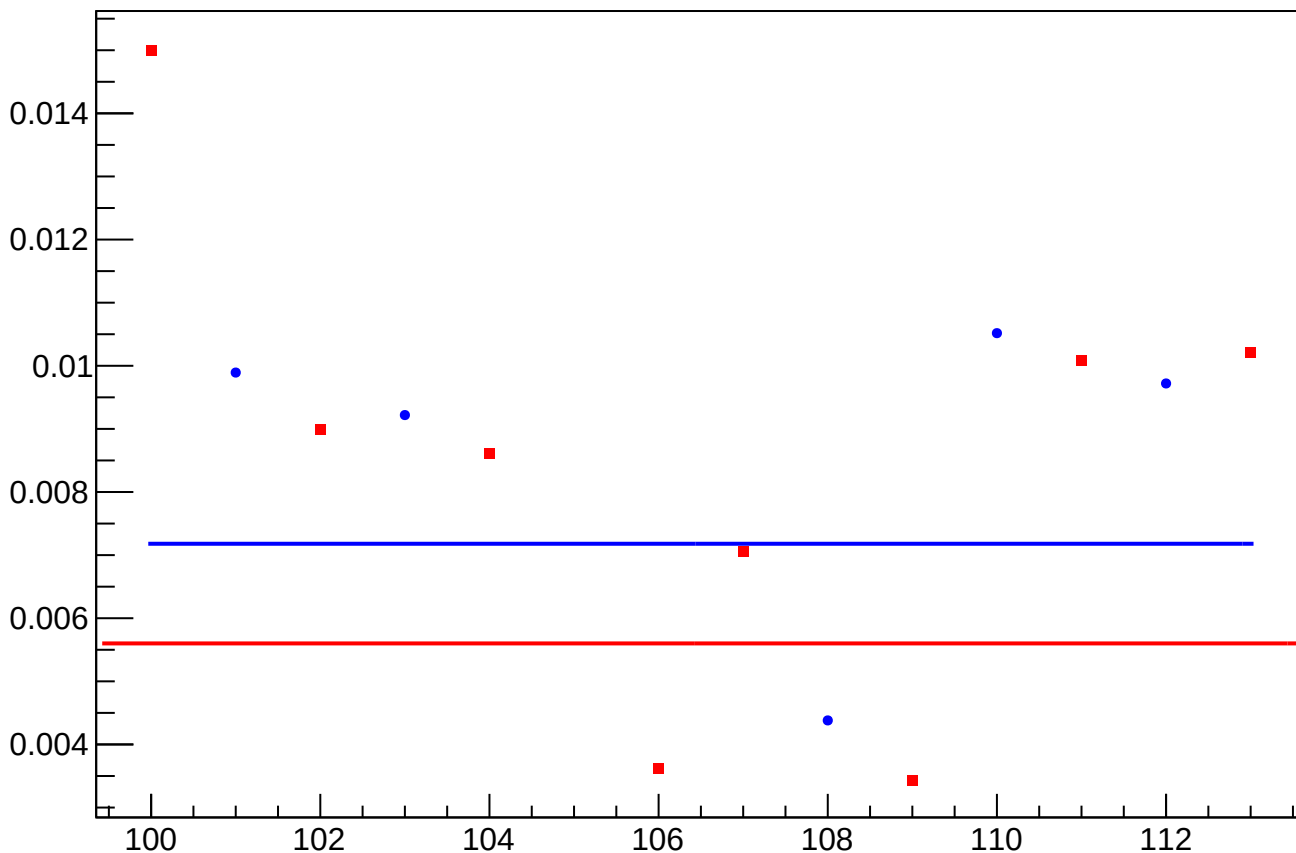
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.4/12

In: -0.000 $\pm$ 0.000 χ^2 /NDF:4.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.4/12

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: 0.006+/-0.000 χ^2/NDF : 1173624.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

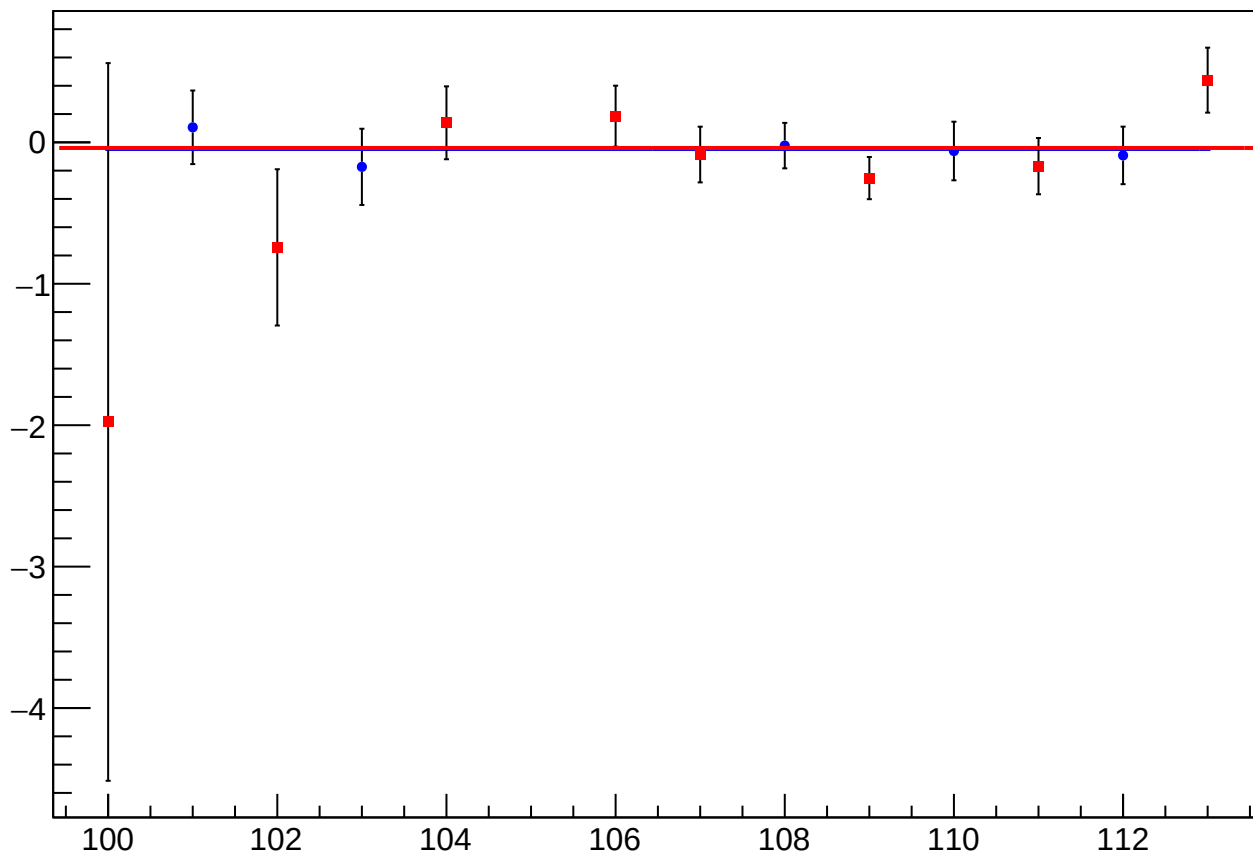
Right: 0.006+/-0.000 χ^2/NDF : 1933030.5/12

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 : 1933030.5/12

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: -0.040 $\pm$ 0.080 χ^2 /NDF: 10.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

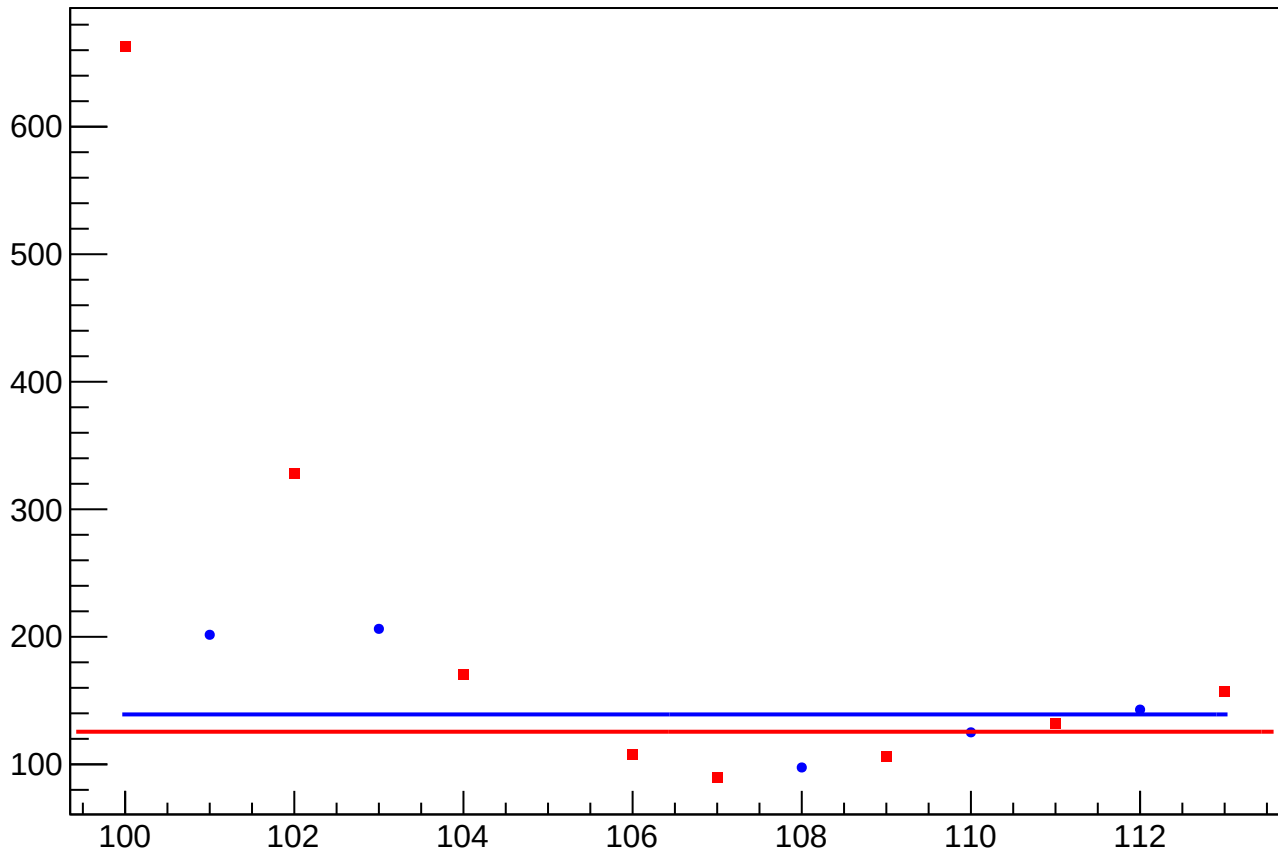
Right: -0.043 $\pm$ 0.061 χ^2 /NDF: 11.3/12

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: -0.043 $\pm$ 0.061 χ^2 /NDF: 11.3/12

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: 125.576+/-0.057 χ^2/NDF : 572795.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

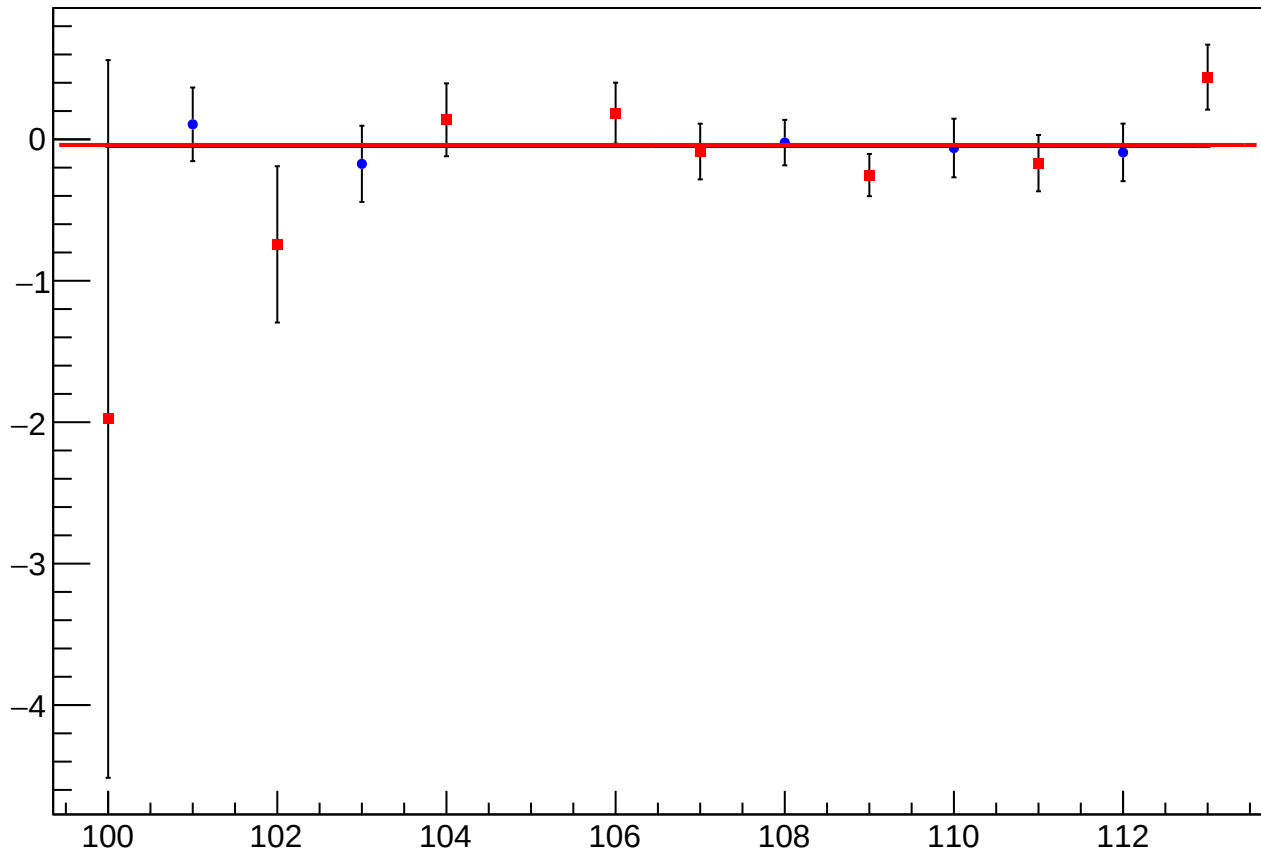
Right: 131.351+/-0.043 χ^2/NDF : 980213.3/12

In: 139.149+/-0.066 χ^2/NDF : 383138.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.351+/-0.043 χ^2/NDF : 980213.3/12

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: -0.040 ± 0.080 $\chi^2/\text{NDF}: 10.6/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

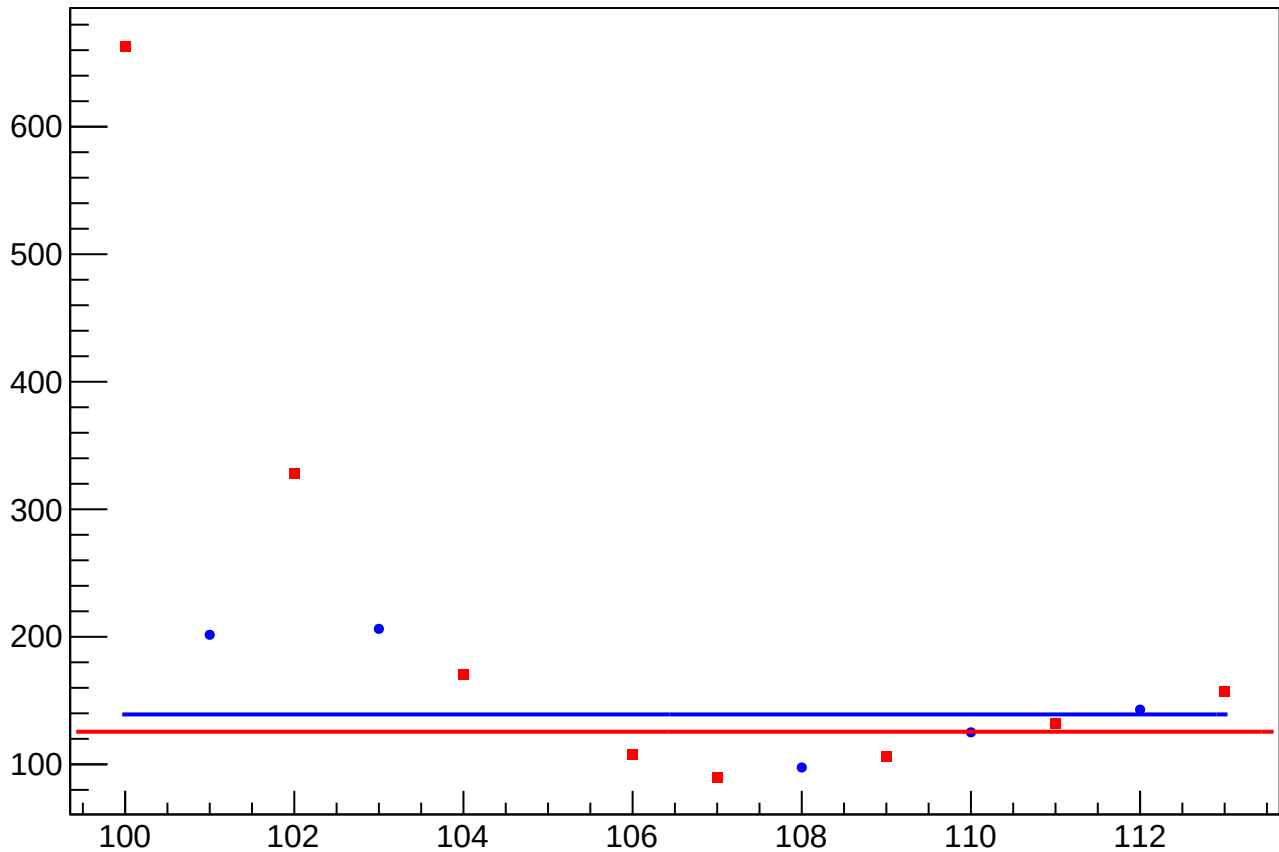
Right: -0.043 ± 0.061 $\chi^2/\text{NDF}: 11.3/12$

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: -0.043 ± 0.061 $\chi^2/\text{NDF}: 11.3/12$

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: 125.576+/-0.057 χ^2/NDF : 572795.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

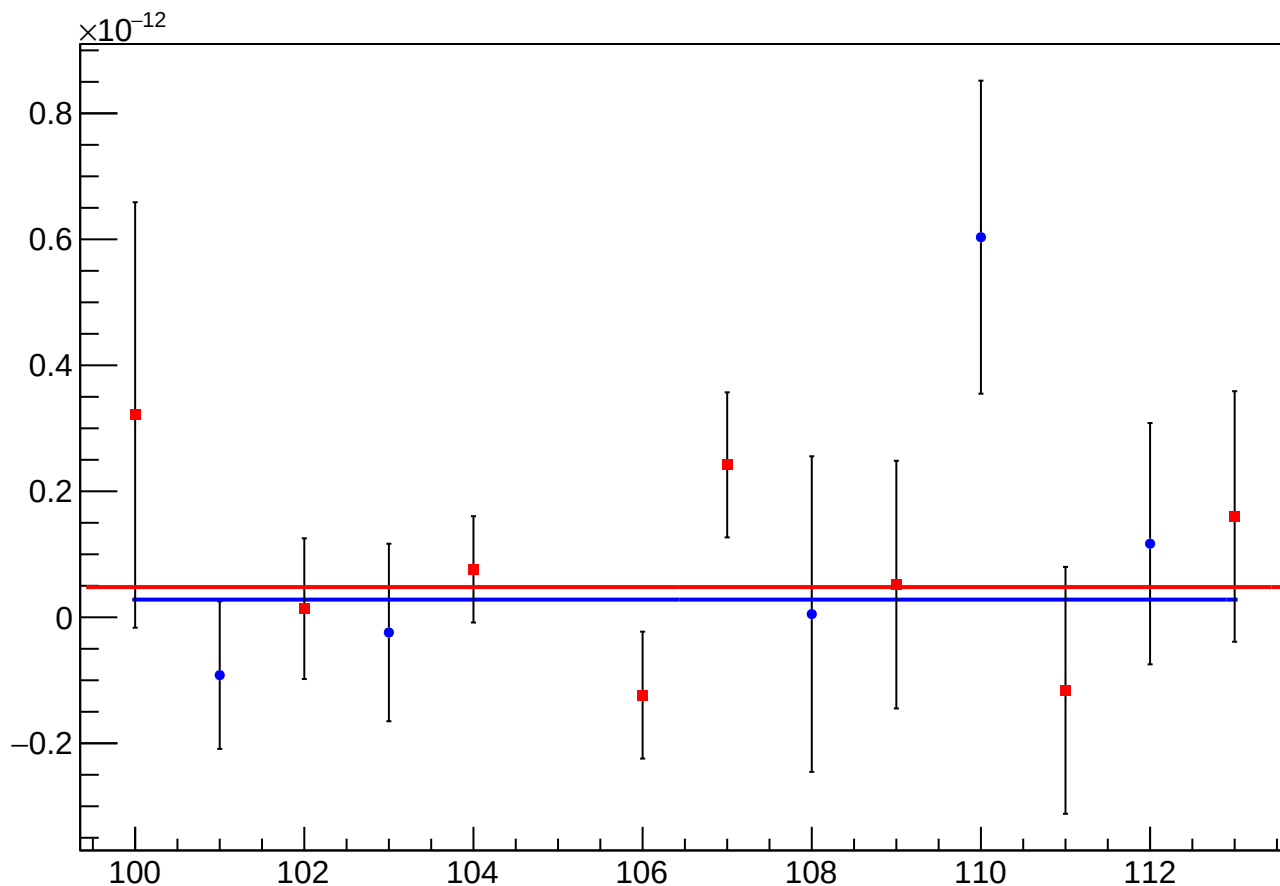
Right: 131.351+/-0.043 χ^2/NDF : 980213.3/12

In: 139.149+/-0.066 χ^2/NDF : 383138.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.351+/-0.043 χ^2/NDF : 980213.3/12

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 : 7.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

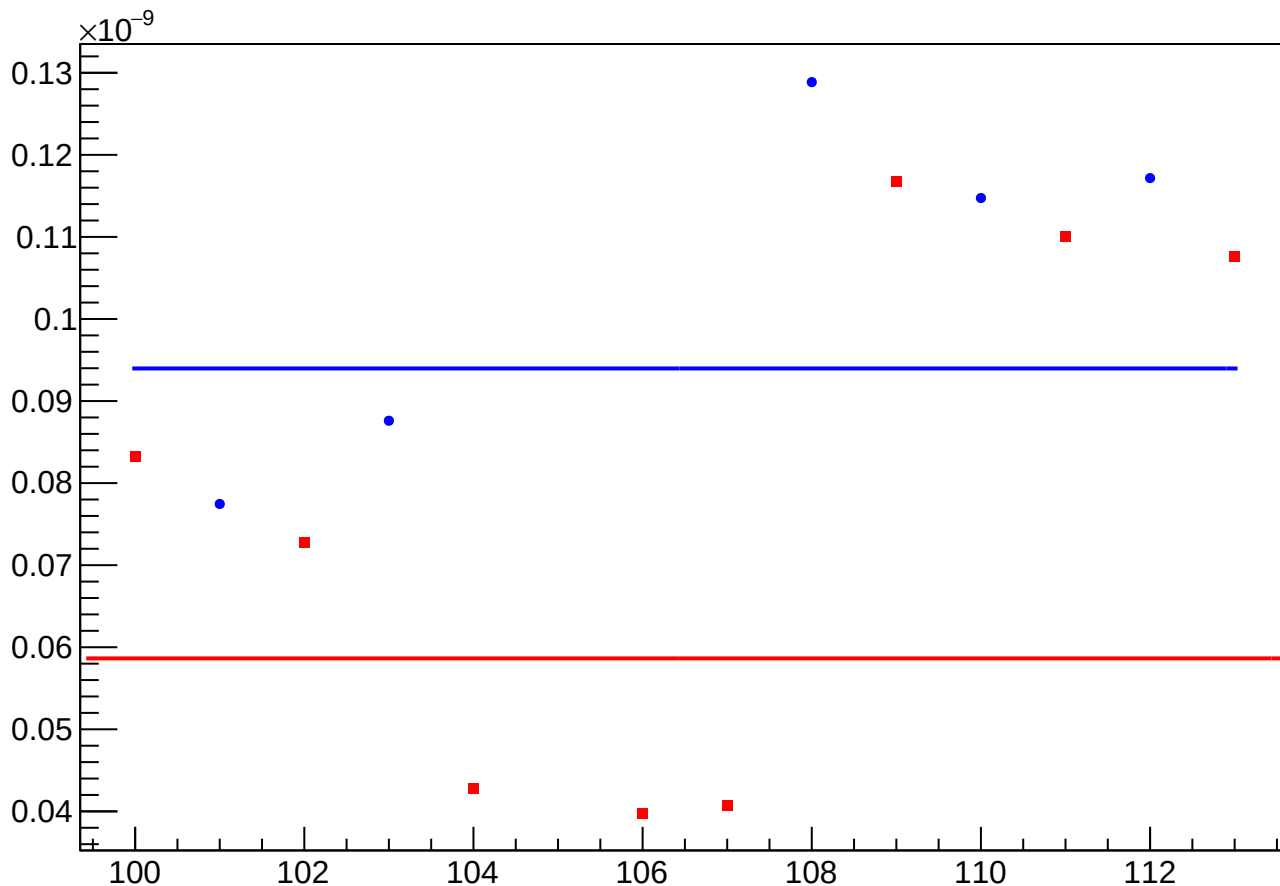
Right: 0.000+/-0.000 χ^2/NDF : 14.4/12

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 : 14.4/12

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 : 665210.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

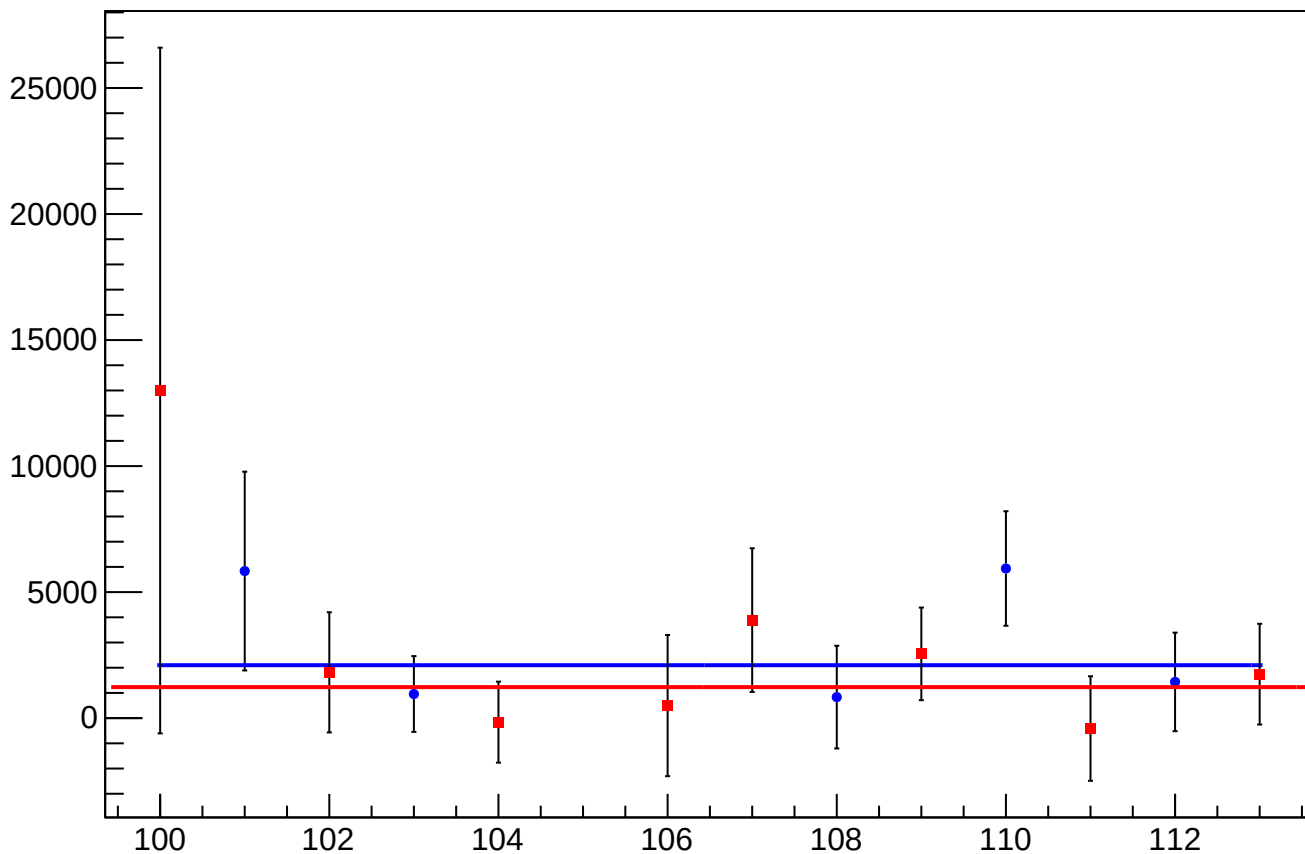
Right: 0.000+/-0.000 χ^2/NDF : 1121626.2/12

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 : 1121626.2/12

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: 1230.211+/-791.095 χ^2/NDF : 3.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

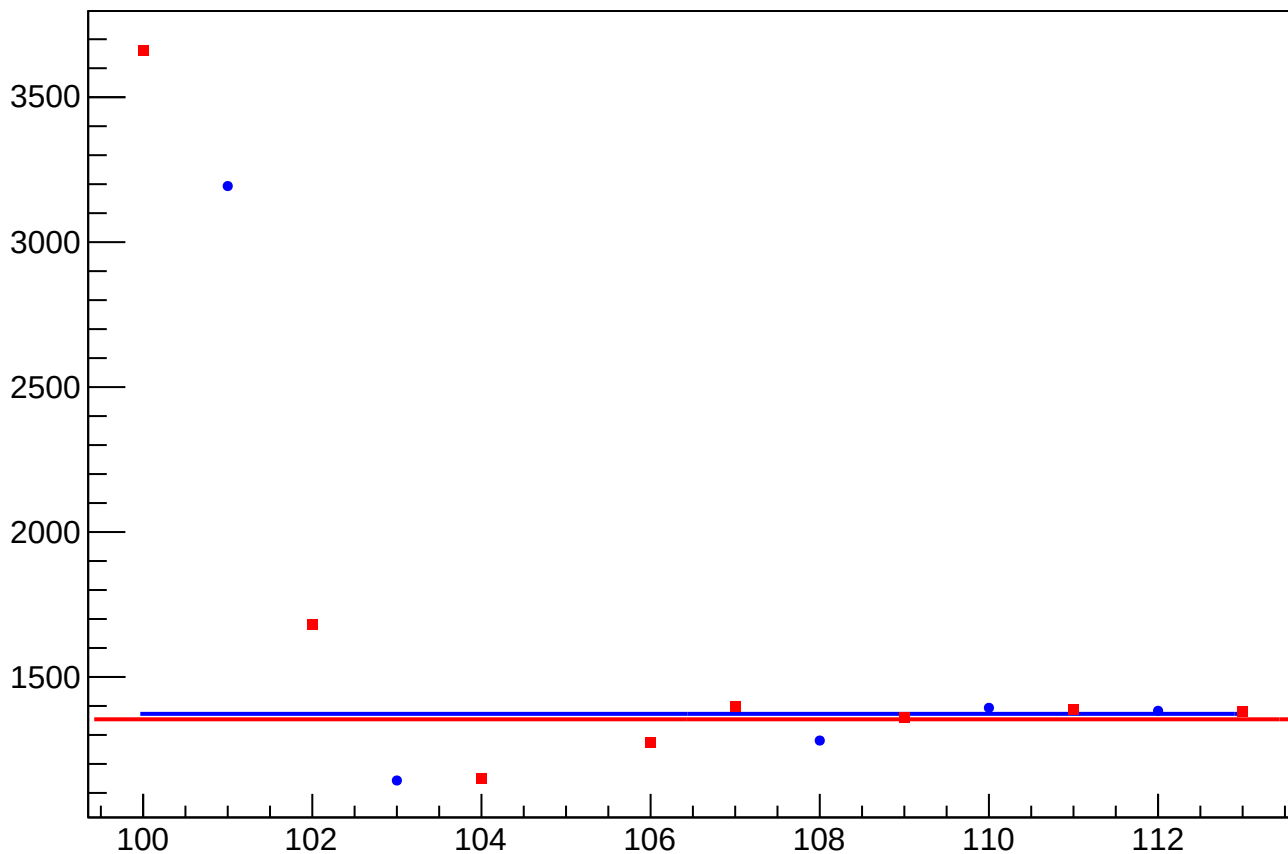
Right: 1603.718+/-597.522 χ^2/NDF : 9.1/12

In: 2099.830+/-911.736 χ^2/NDF : 4.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1603.718+/-597.522 χ^2/NDF : 9.1/12

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: 1354.006+/-0.556 χ^2/NDF : 130350.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

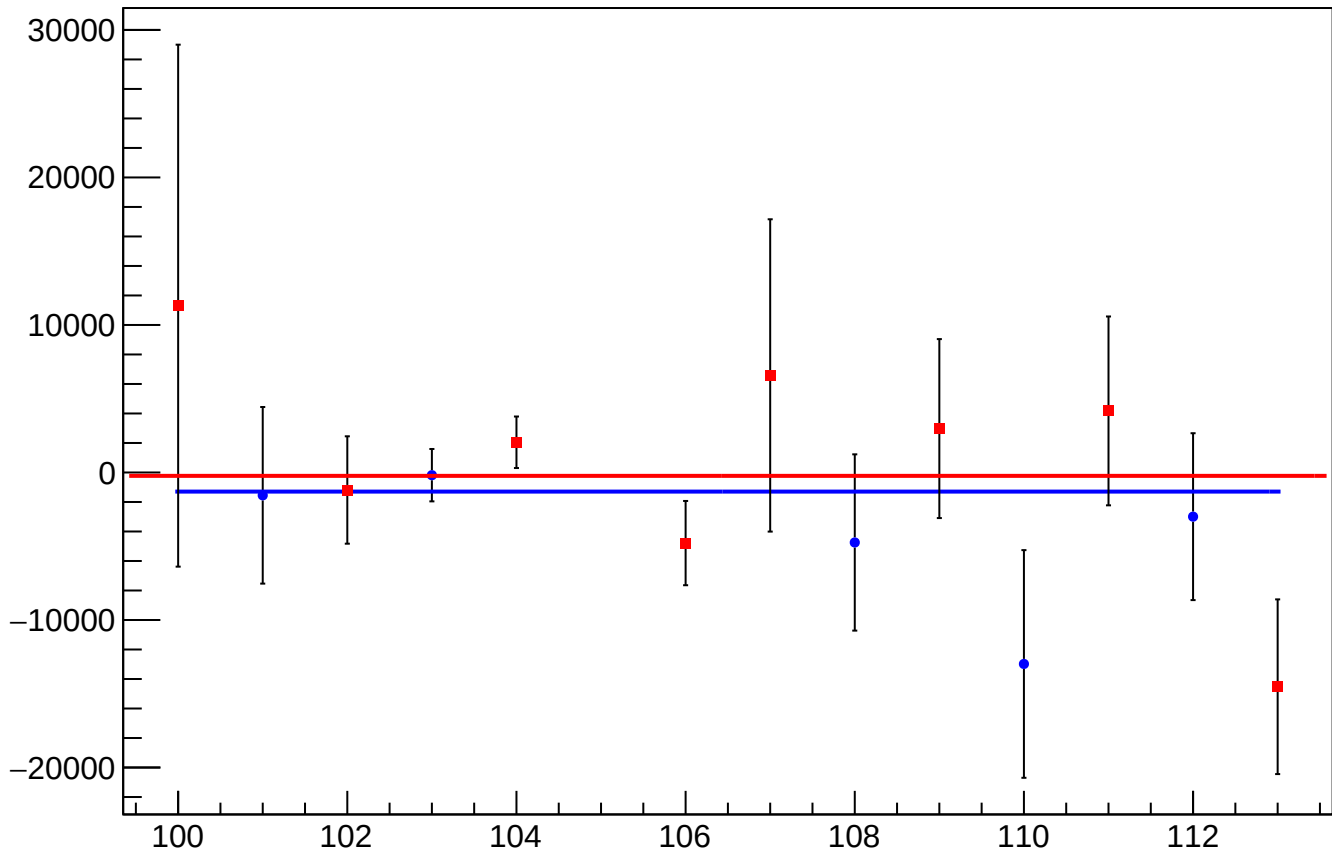
Right: 1362.013+/-0.421 χ^2/NDF : 608264.5/12

In: 1372.796+/-0.645 χ^2/NDF : 477426.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1362.013+/-0.421 χ^2/NDF : 608264.5/12

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: -228.770+/-1271.761 χ^2/NDF : 11.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

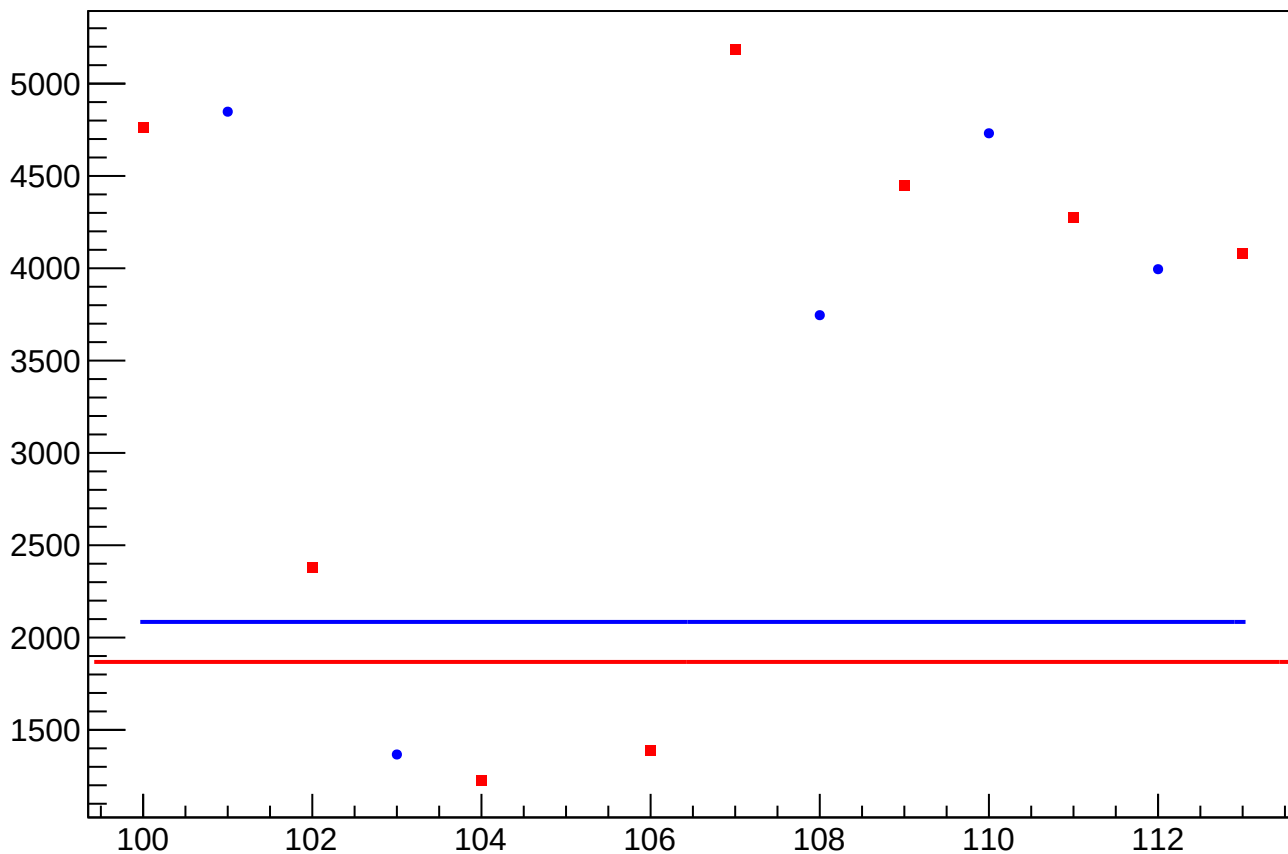
Right: -660.953+/-980.800 χ^2/NDF : 15.1/12

In: -1295.285+/-1540.743 χ^2/NDF : 3.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -660.953+/-980.800 χ^2/NDF : 15.1/12

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: 1868.044+/-0.899 χ^2/NDF : 1541040.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

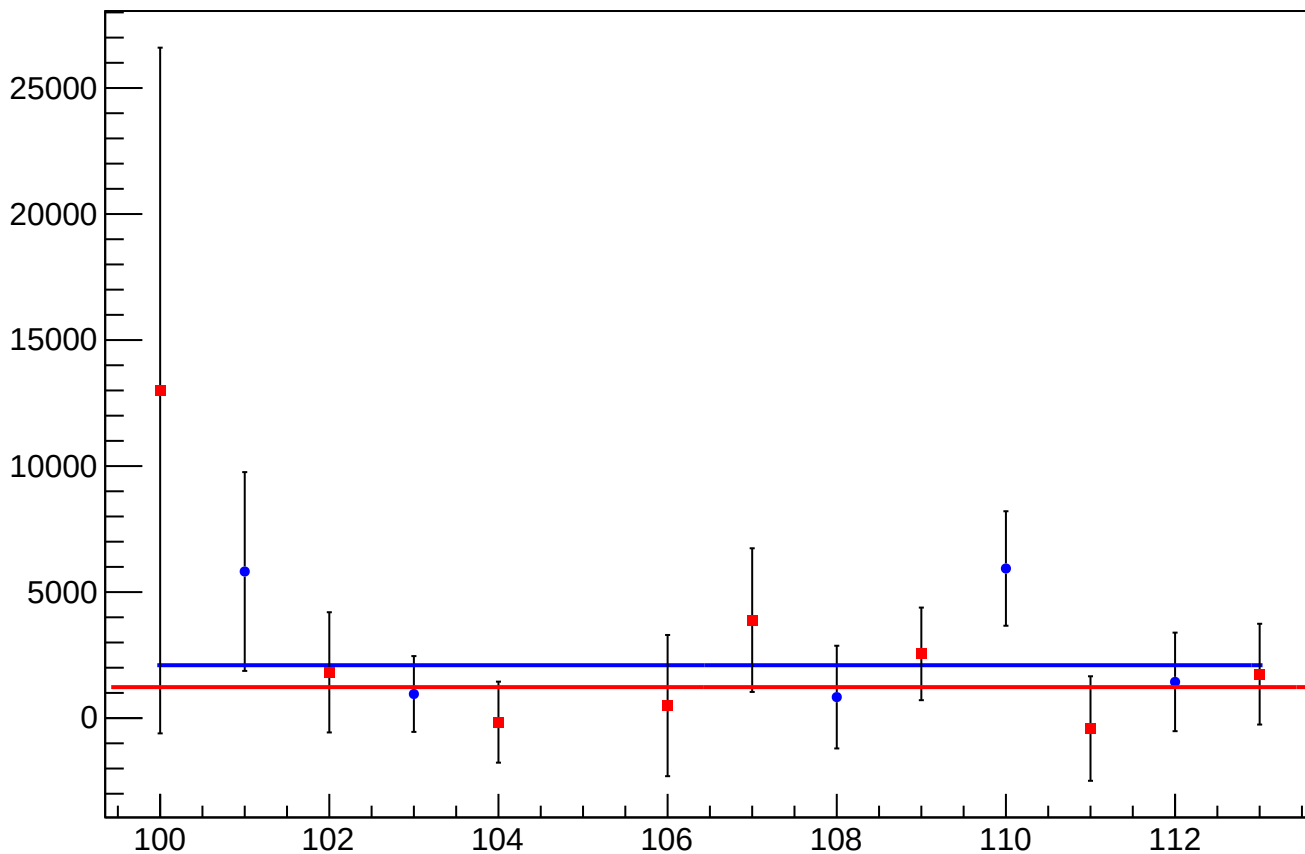
Right: 1955.852+/-0.694 χ^2/NDF : 2935815.6/12

In: 2084.731+/-1.089 χ^2/NDF : 1371247.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1955.852+/-0.694 χ^2/NDF : 2935815.6/12

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: 1229.810+/-791.096 χ^2/NDF : 3.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

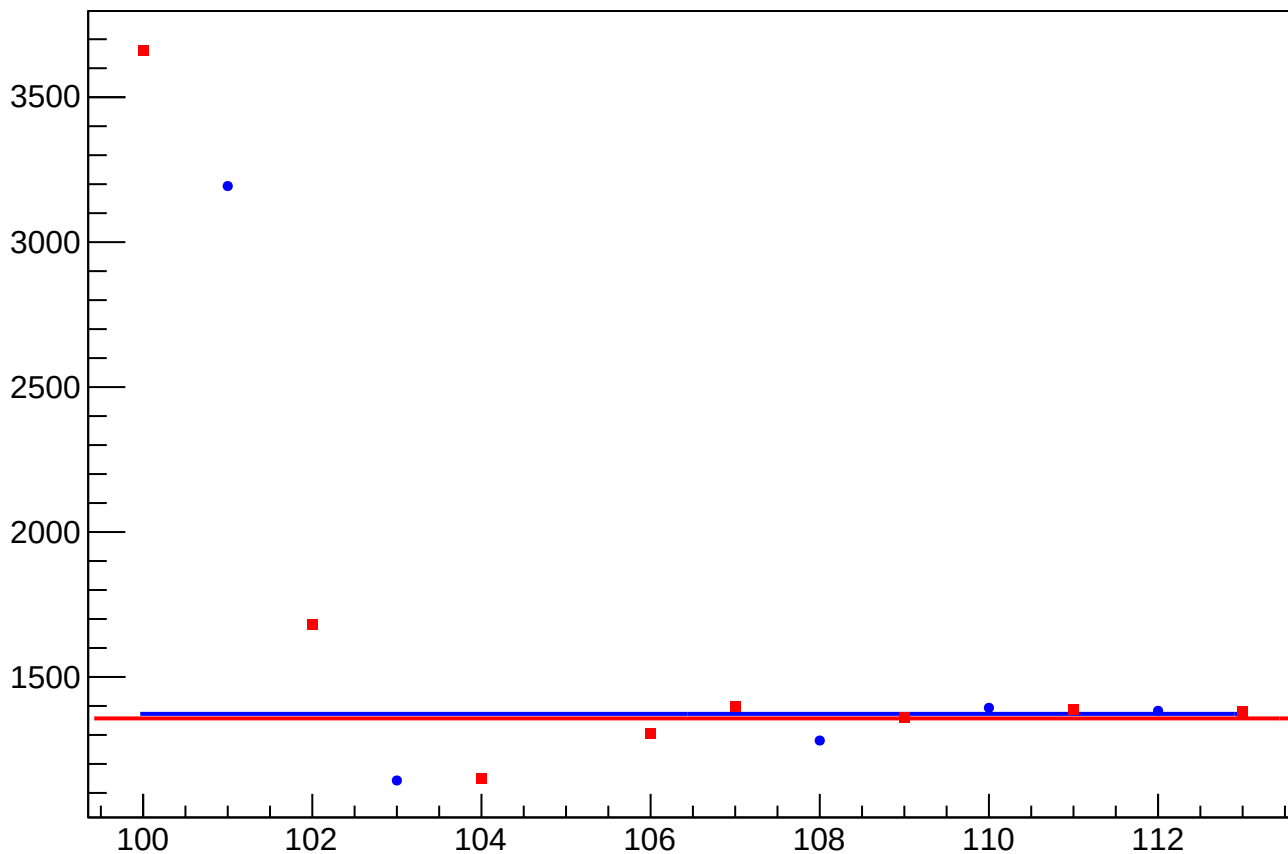
Right: 1603.124+/-597.522 χ^2/NDF : 9.0/12

In: 2098.980+/-911.736 χ^2/NDF : 4.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1603.124+/-597.522 χ^2/NDF : 9.0/12

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: 1357.030+/-0.557 χ^2/NDF : 129115.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

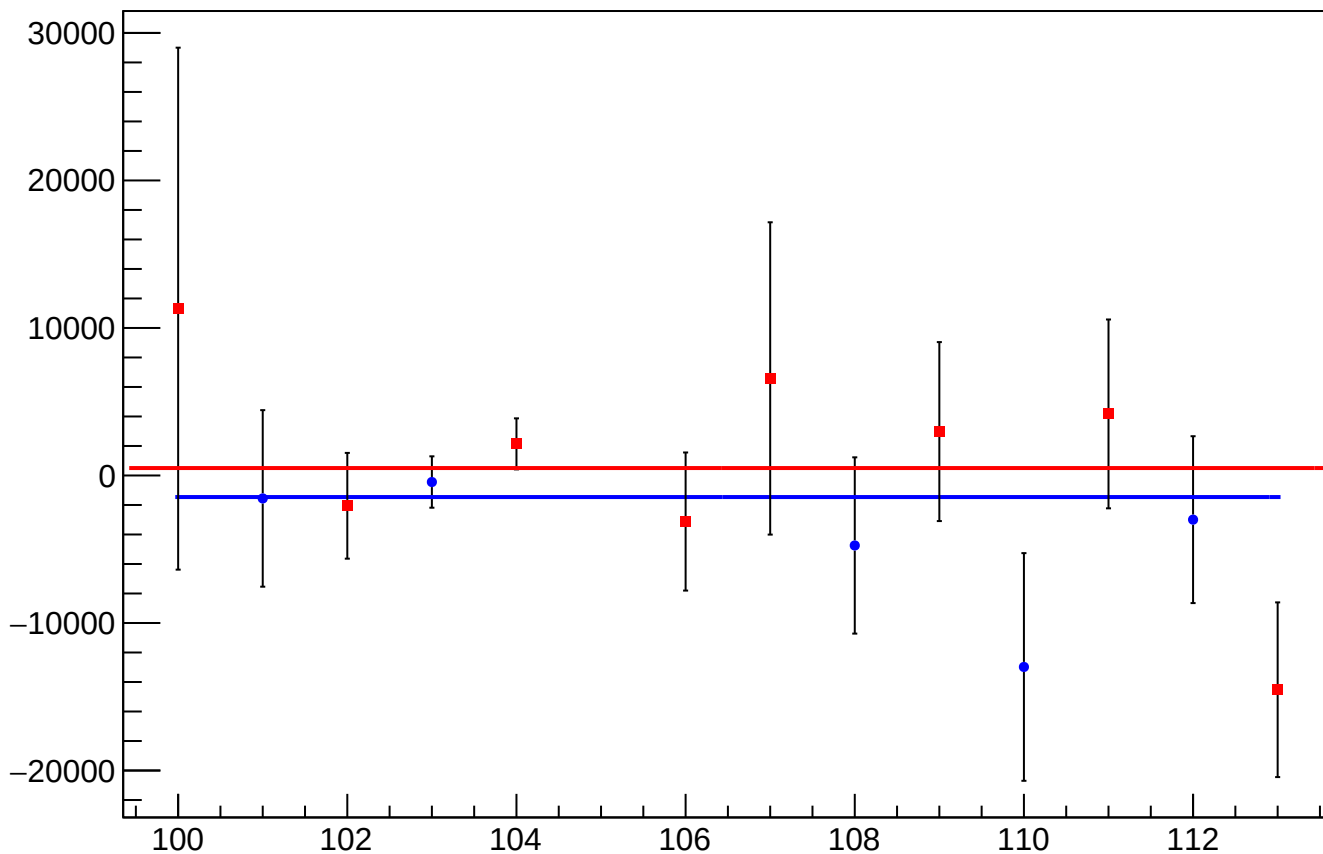
Right: 1363.764+/-0.421 χ^2/NDF : 606885.8/12

In: 1372.795+/-0.645 χ^2/NDF : 477428.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1363.764+/-0.421 χ^2/NDF : 606885.8/12

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: 503.732+/-1348.596 χ^2/NDF : 9.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

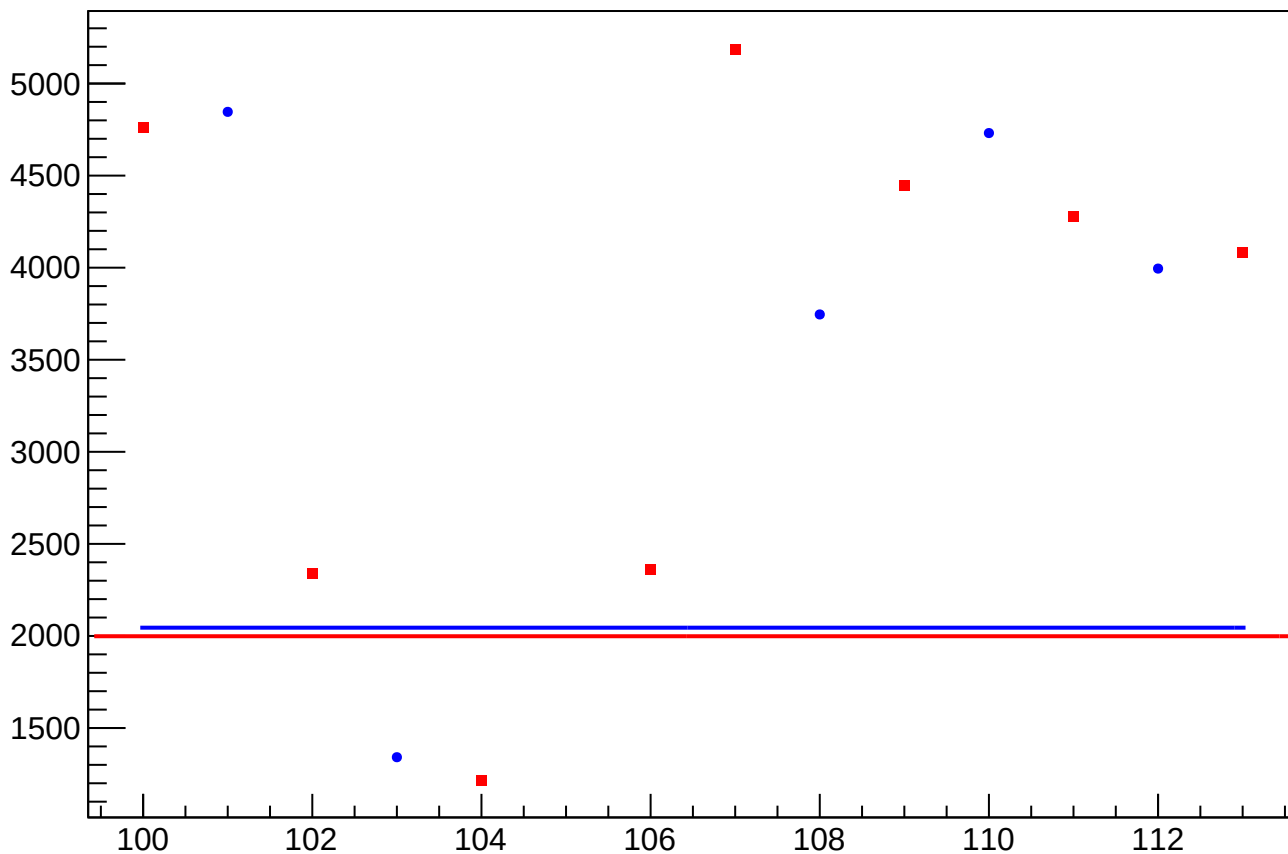
Right: -363.057+/-1008.332 χ^2/NDF : 13.5/12

In: -1461.956+/-1518.463 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -363.057+/-1008.332 χ^2/NDF : 13.5/12

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: 1998.459+/-0.954 χ^2/NDF : 1497836.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

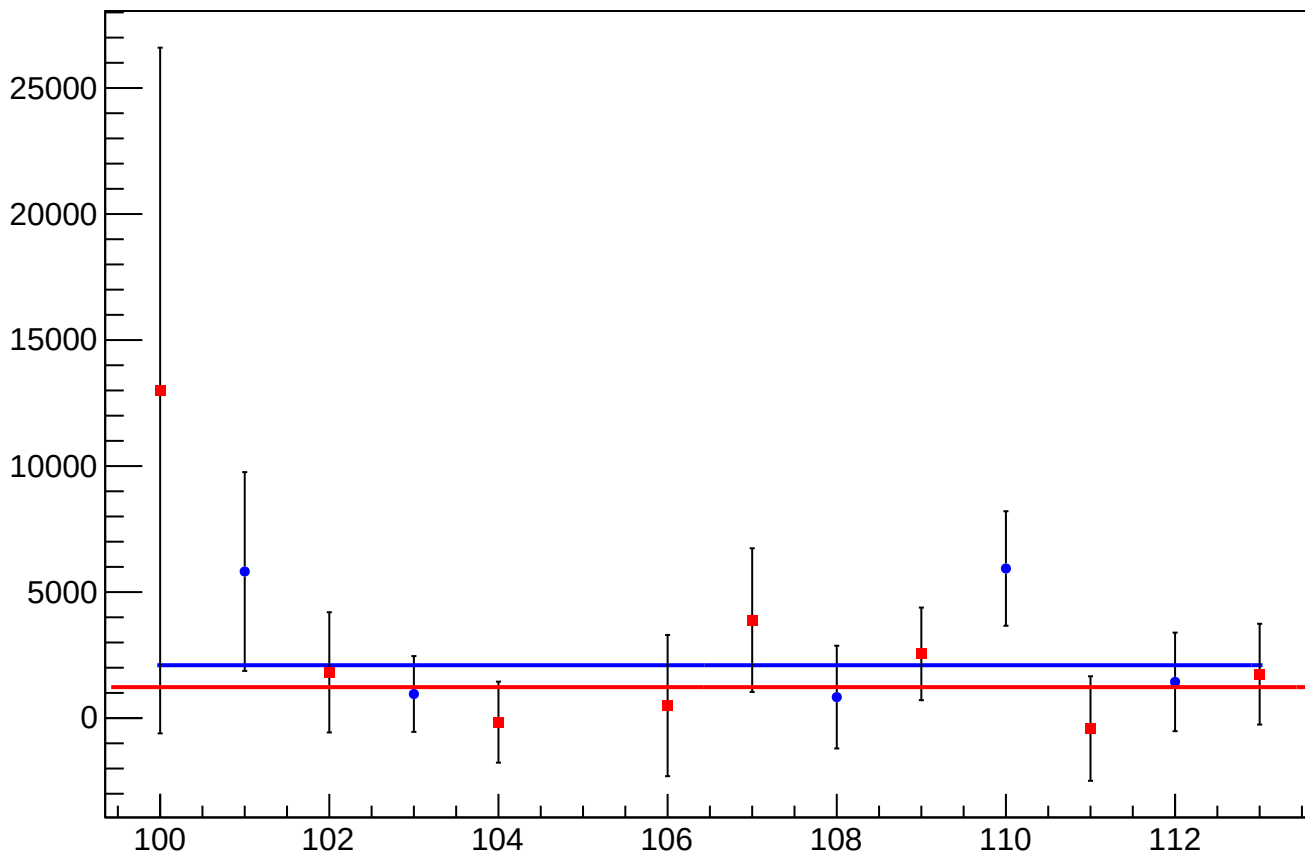
Right: 2018.963+/-0.713 χ^2/NDF : 2905668.8/12

In: 2044.957+/-1.074 χ^2/NDF : 1406784.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2018.963+/-0.713 χ^2/NDF : 2905668.8/12

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: 1229.810+/-791.096 χ^2/NDF : 3.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

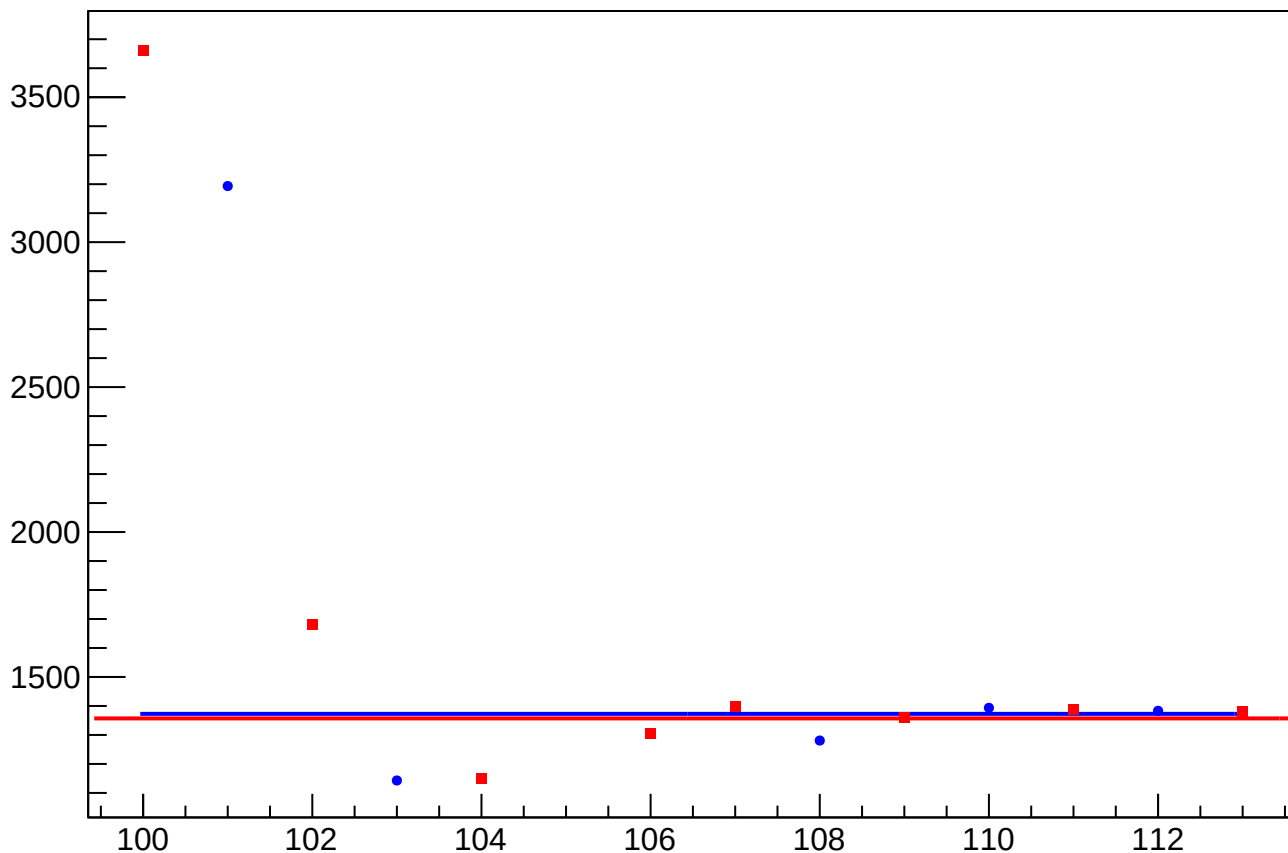
Right: 1603.124+/-597.522 χ^2/NDF : 9.0/12

In: 2098.980+/-911.736 χ^2/NDF : 4.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1603.124+/-597.522 χ^2/NDF : 9.0/12

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: 1357.030+/-0.557 χ^2/NDF : 129115.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

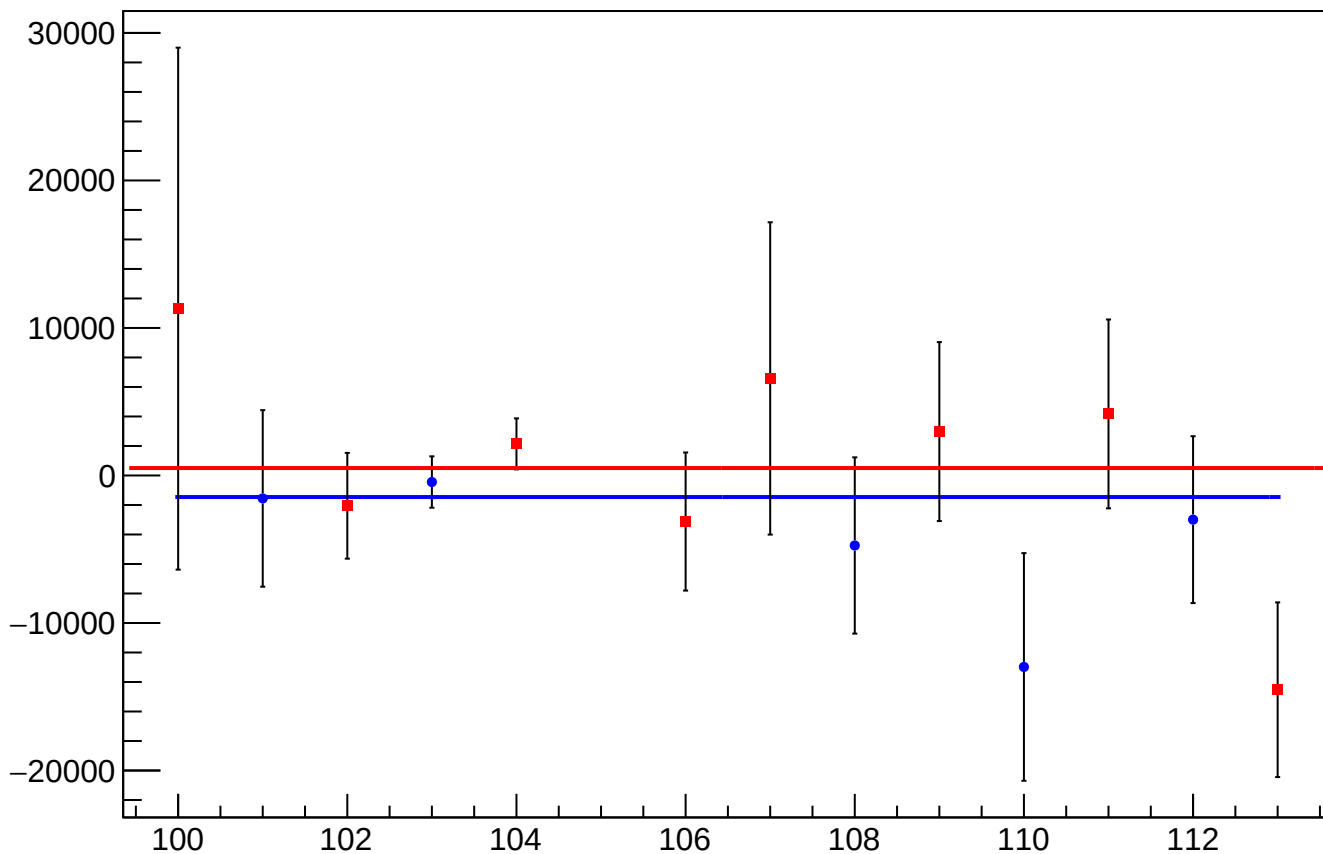
Right: 1363.764+/-0.421 χ^2/NDF : 606885.8/12

In: 1372.795+/-0.645 χ^2/NDF : 477428.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1363.764+/-0.421 χ^2/NDF : 606885.8/12

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: 503.732+/-1348.596 χ^2/NDF : 9.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

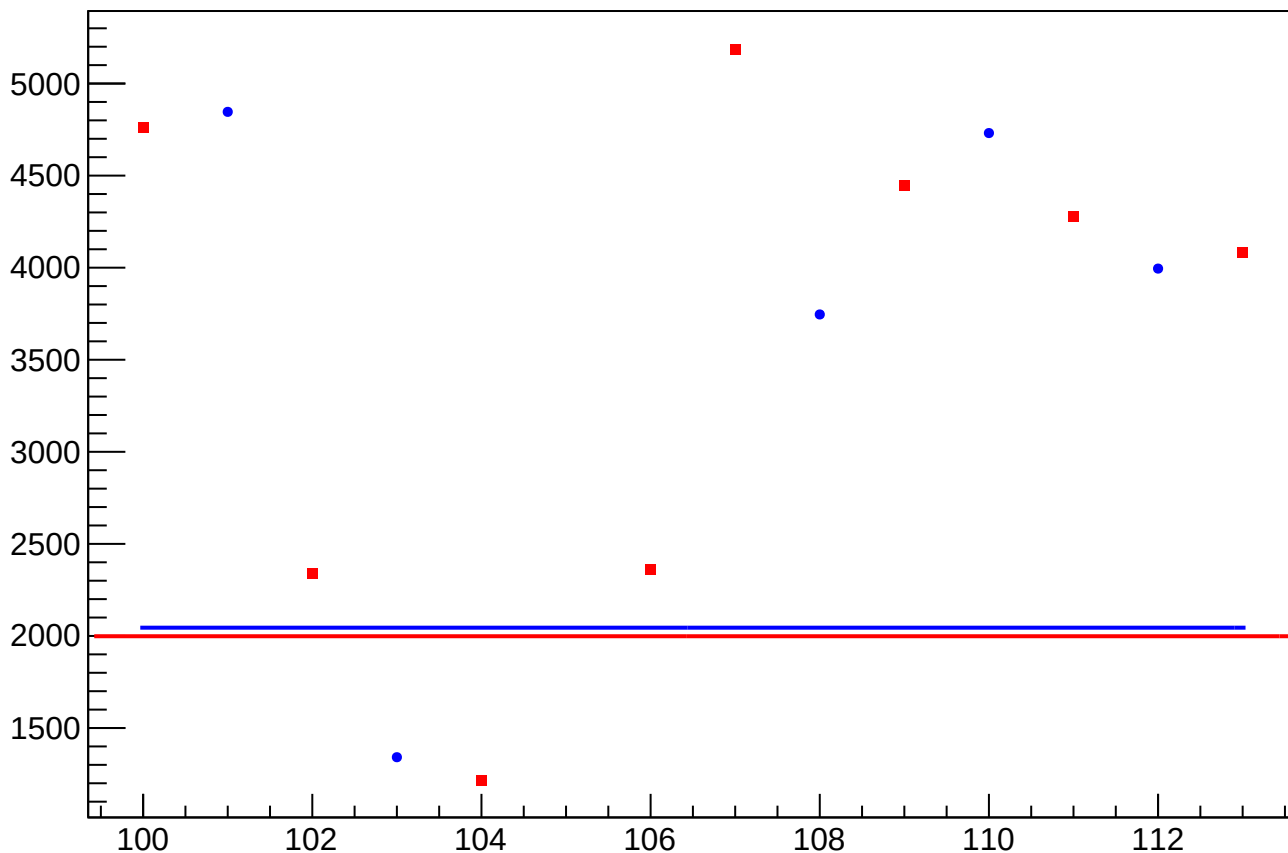
Right: -363.057+/-1008.332 χ^2/NDF : 13.5/12

In: -1461.956+/-1518.463 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -363.057+/-1008.332 χ^2/NDF : 13.5/12

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: 1998.459+/-0.954 χ^2/NDF : 1497836.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

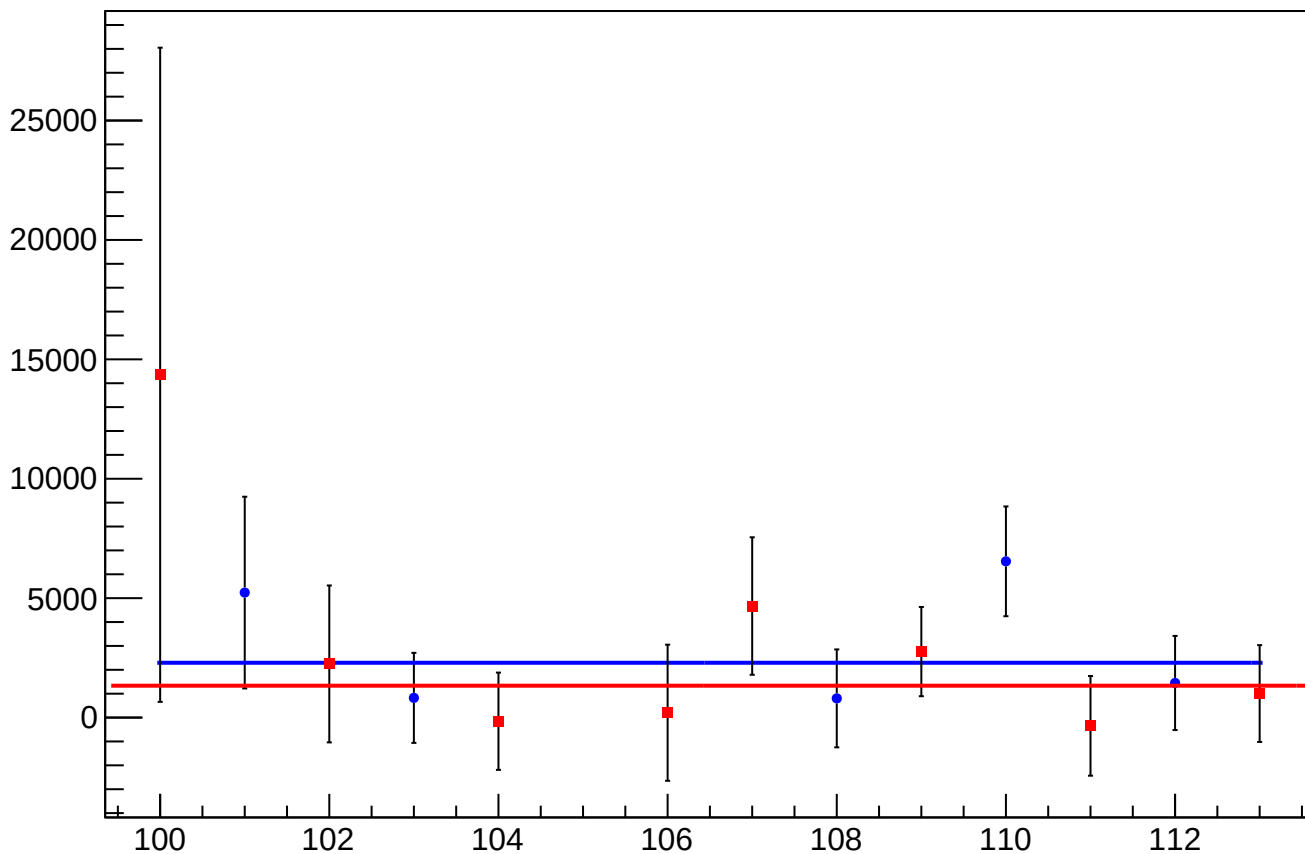
Right: 2018.963+/-0.713 χ^2/NDF : 2905668.8/12

In: 2044.957+/-1.074 χ^2/NDF : 1406784.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2018.963+/-0.713 χ^2/NDF : 2905668.8/12

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: 1335.154+/-863.080 χ^2/NDF : 4.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

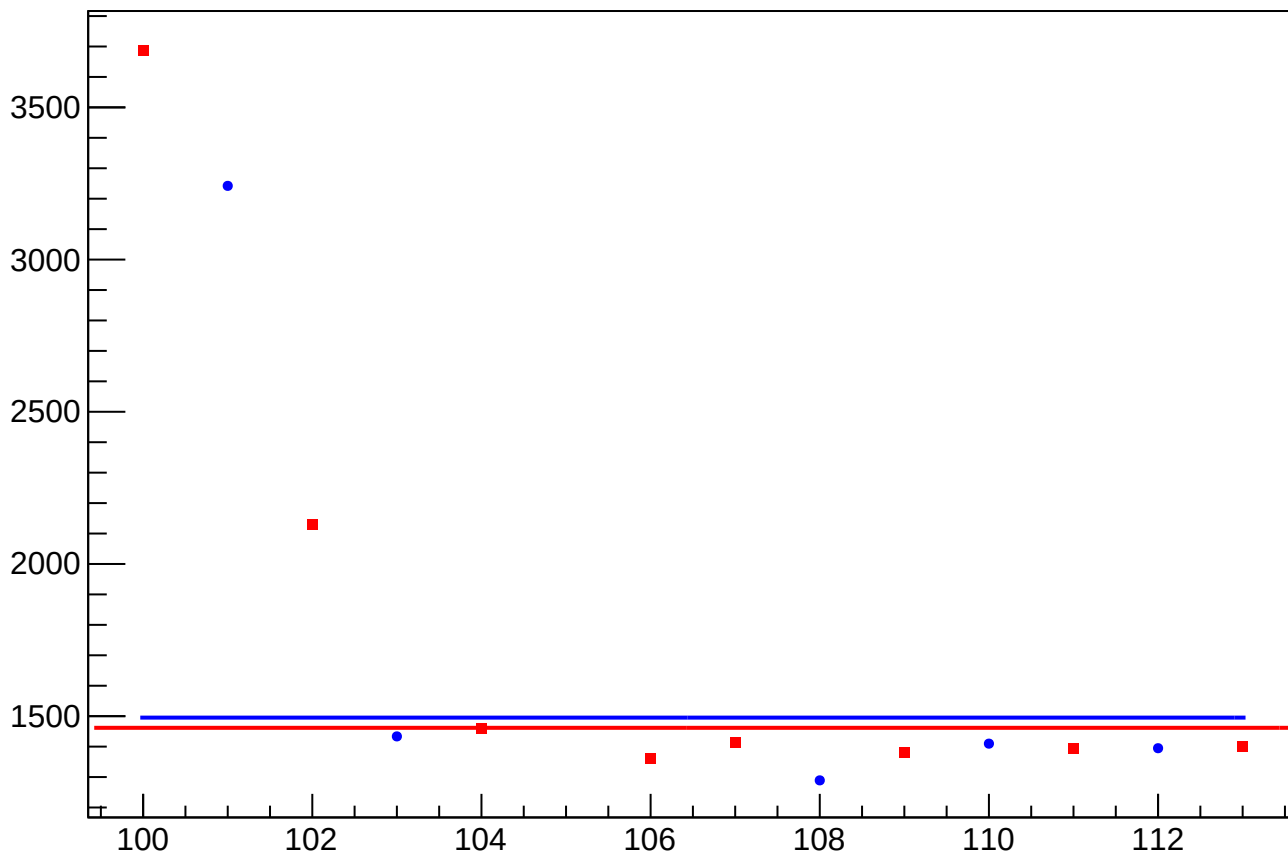
Right: 1751.538+/-649.505 χ^2/NDF : 10.1/12

In: 2295.276+/-986.277 χ^2/NDF : 5.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1751.538+/-649.505 χ^2/NDF : 10.1/12

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: 1461.759+/-0.609 χ^2/NDF : 146865.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

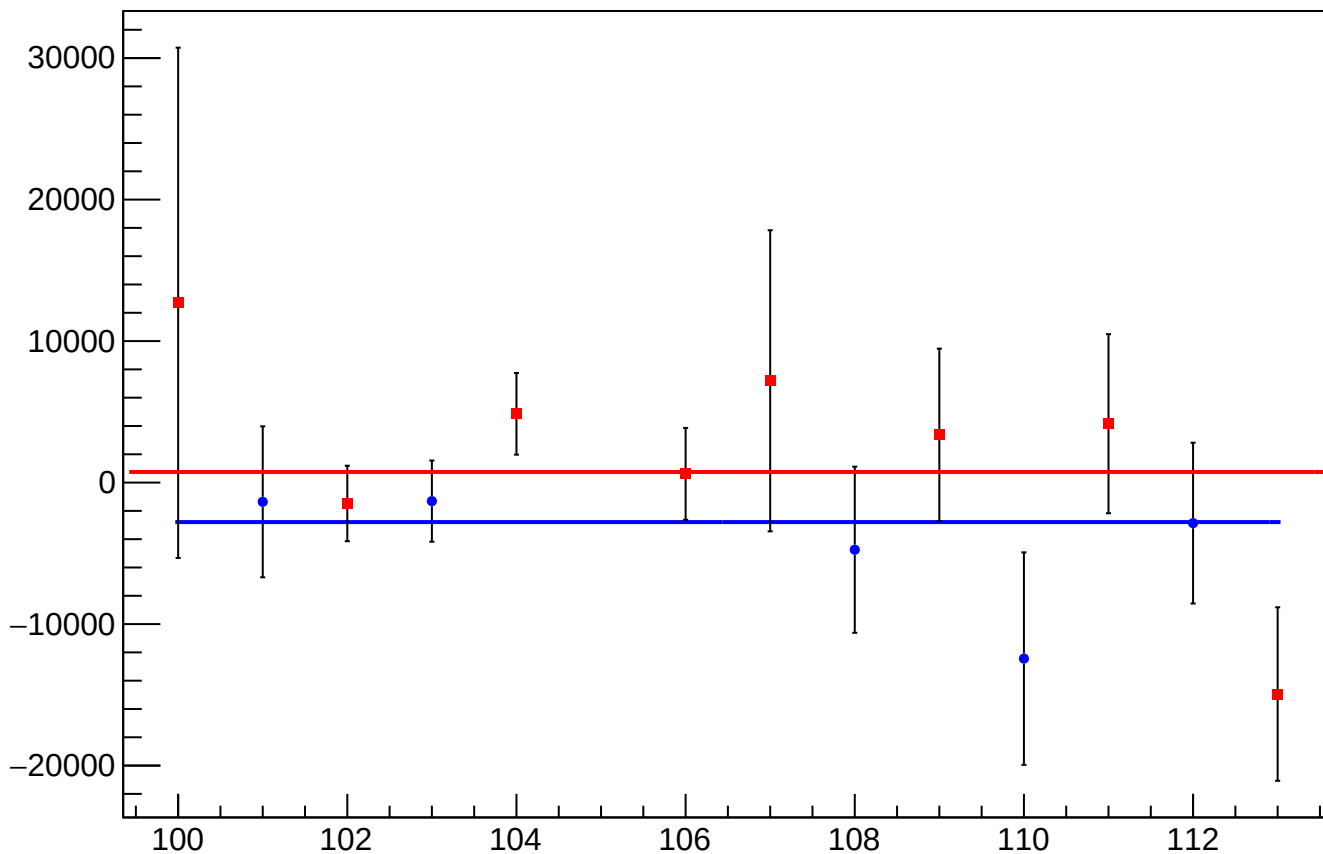
Right: 1476.257+/-0.459 χ^2/NDF : 557314.9/12

In: 1495.259+/-0.697 χ^2/NDF : 409141.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1476.257+/-0.459 χ^2/NDF : 557314.9/12

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: 750.746+/-1497.525 χ^2/NDF : 10.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

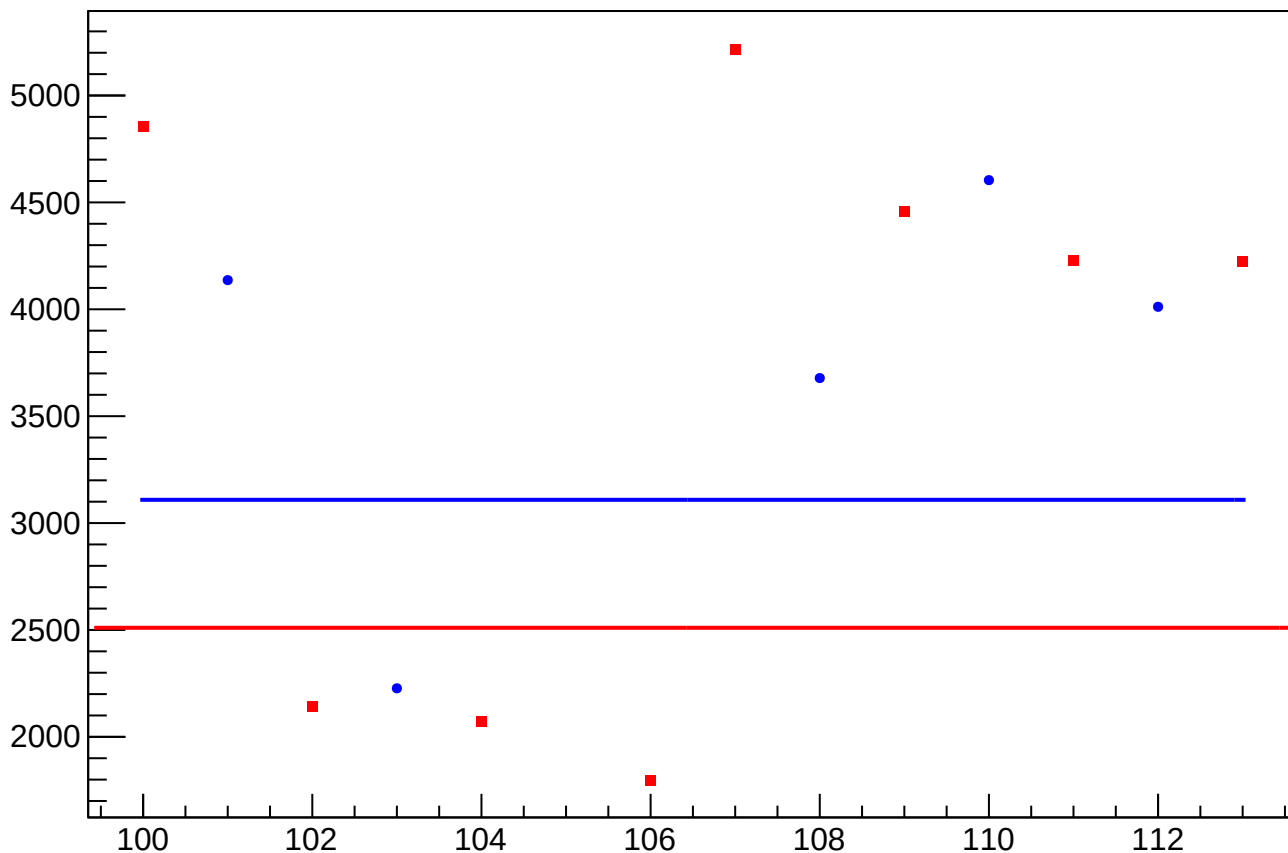
Right: -469.248+/-1212.492 χ^2/NDF : 14.6/12

In: -2791.174+/-2065.949 χ^2/NDF : 2.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -469.248+/-1212.492 χ^2/NDF : 14.6/12

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: 2510.163+/-1.059 χ^2/NDF : 851070.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

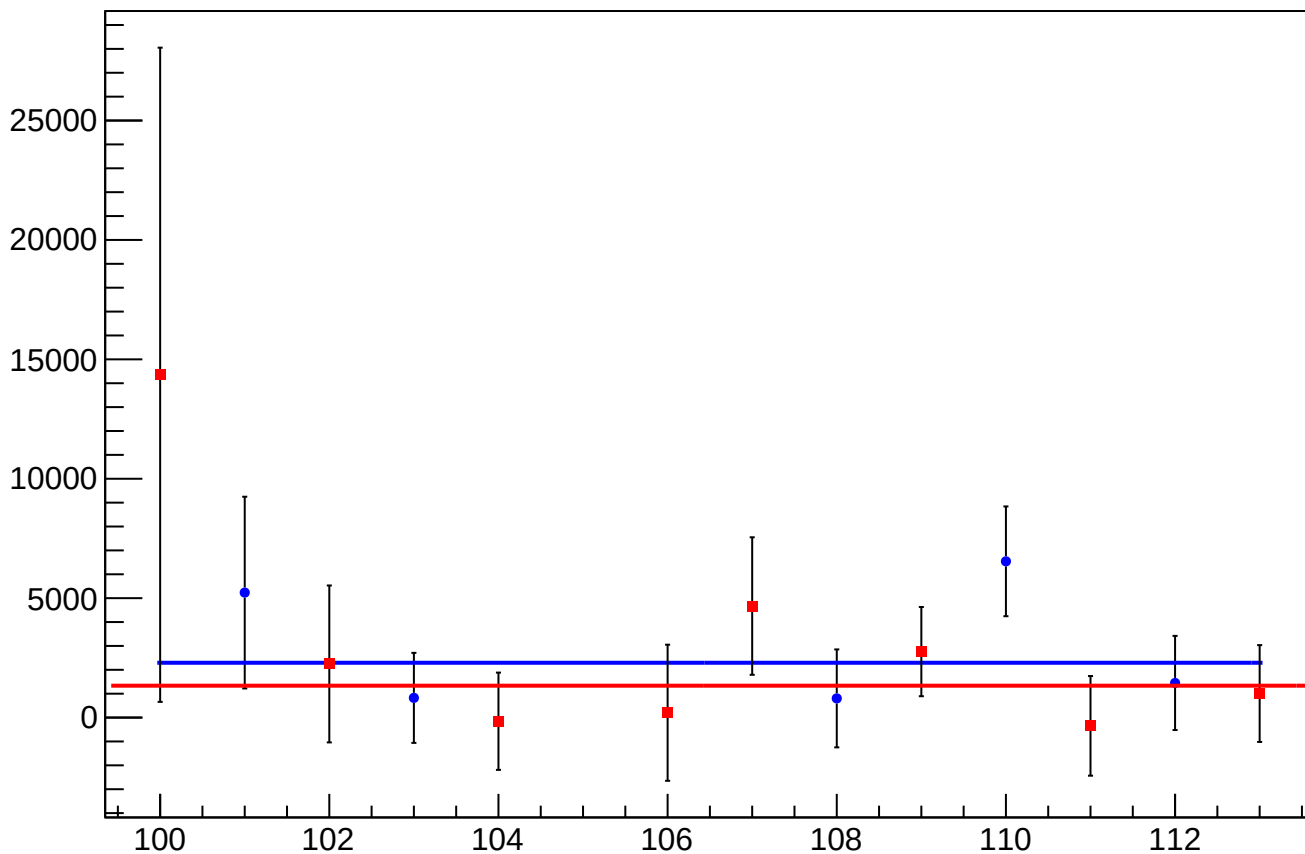
Right: 2716.369+/-0.857 χ^2/NDF : 1372807.0/12

In: 3108.827+/-1.461 χ^2/NDF : 411641.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2716.369+/-0.857 χ^2/NDF : 1372807.0/12

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: 1335.157+/-863.079 χ^2/NDF : 4.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

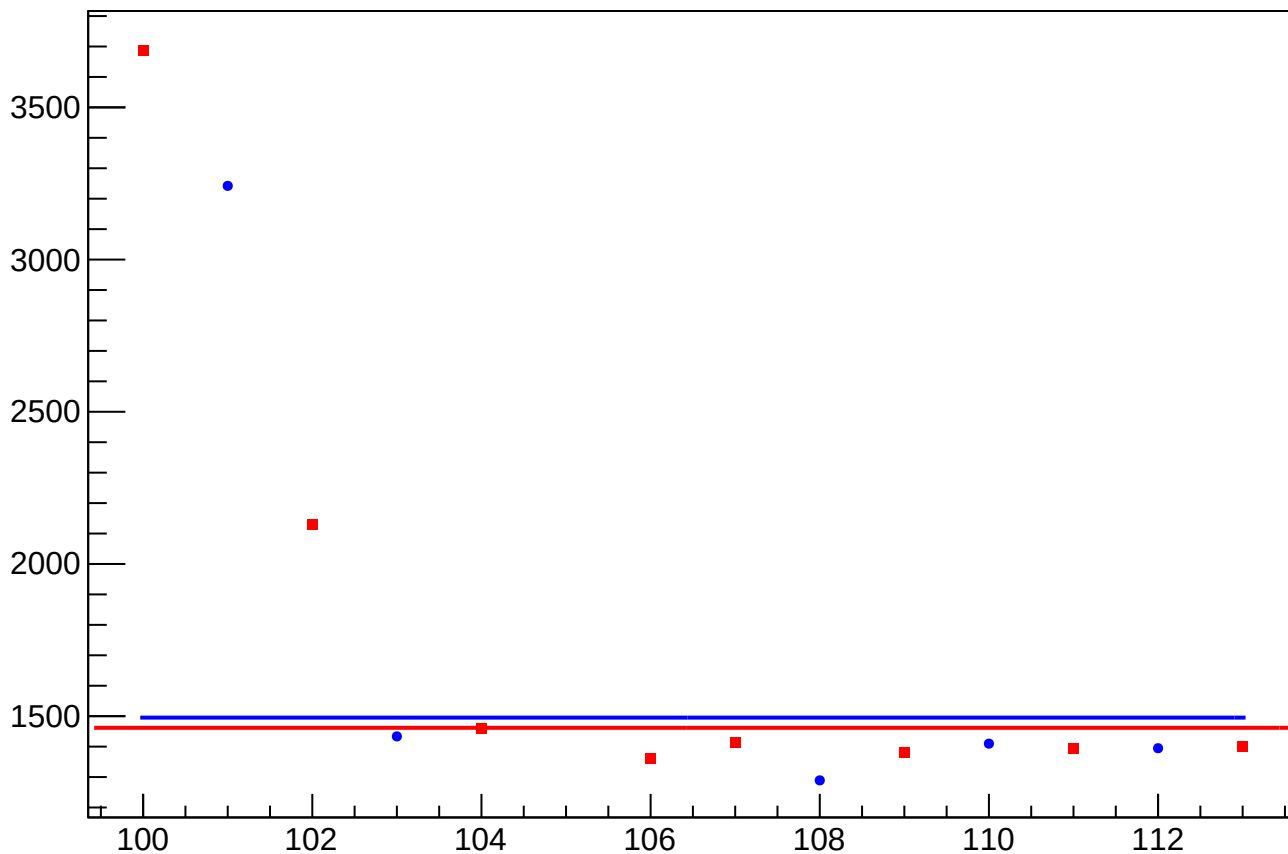
Right: 1751.542+/-649.505 χ^2/NDF : 10.1/12

In: 2295.281+/-986.277 χ^2/NDF : 5.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1751.542+/-649.505 χ^2/NDF : 10.1/12

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: 1461.758+/-0.609 χ^2/NDF : 146864.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

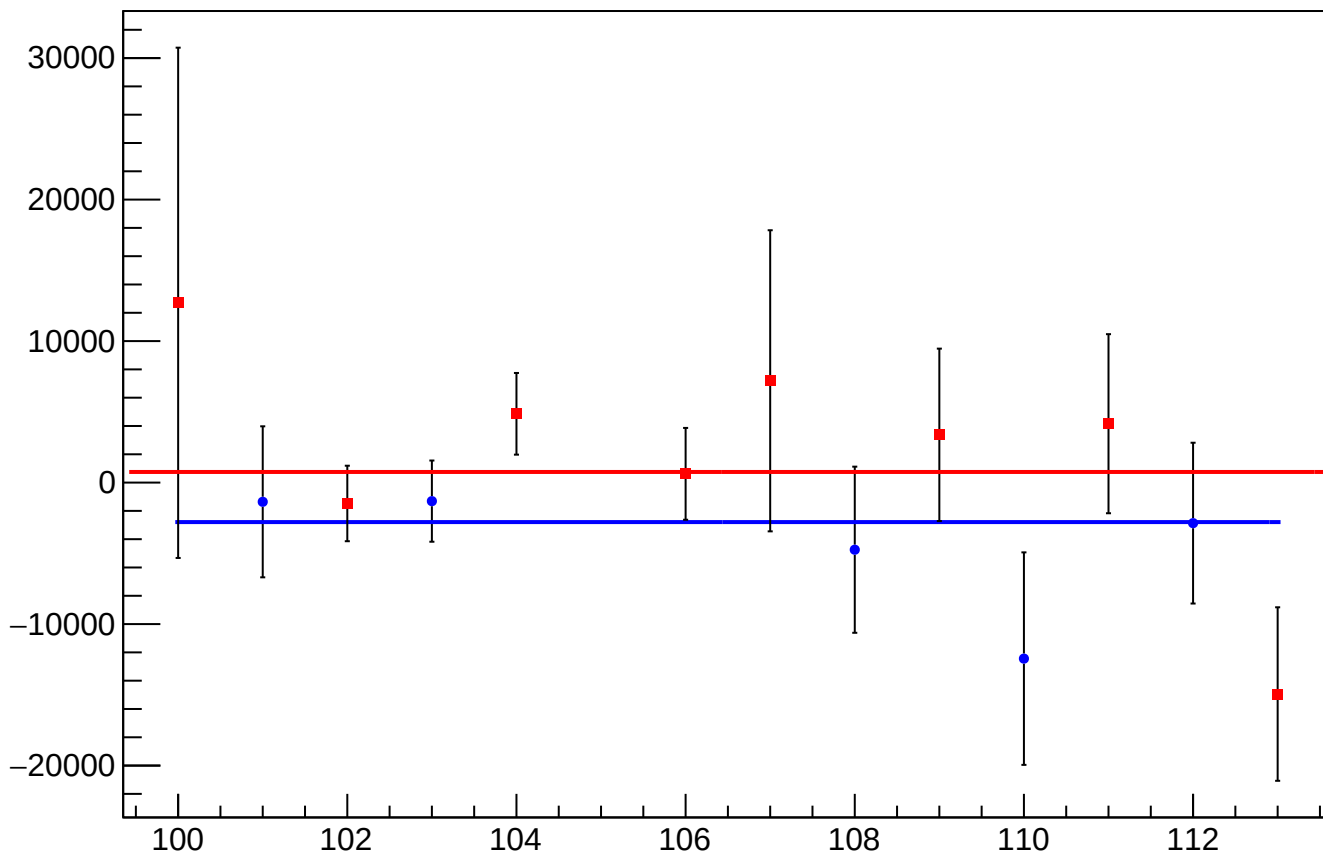
Right: 1476.257+/-0.459 χ^2/NDF : 557314.2/12

In: 1495.259+/-0.697 χ^2/NDF : 409141.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1476.257+/-0.459 χ^2/NDF : 557314.2/12

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: 750.746+/-1497.521 χ^2/NDF : 10.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

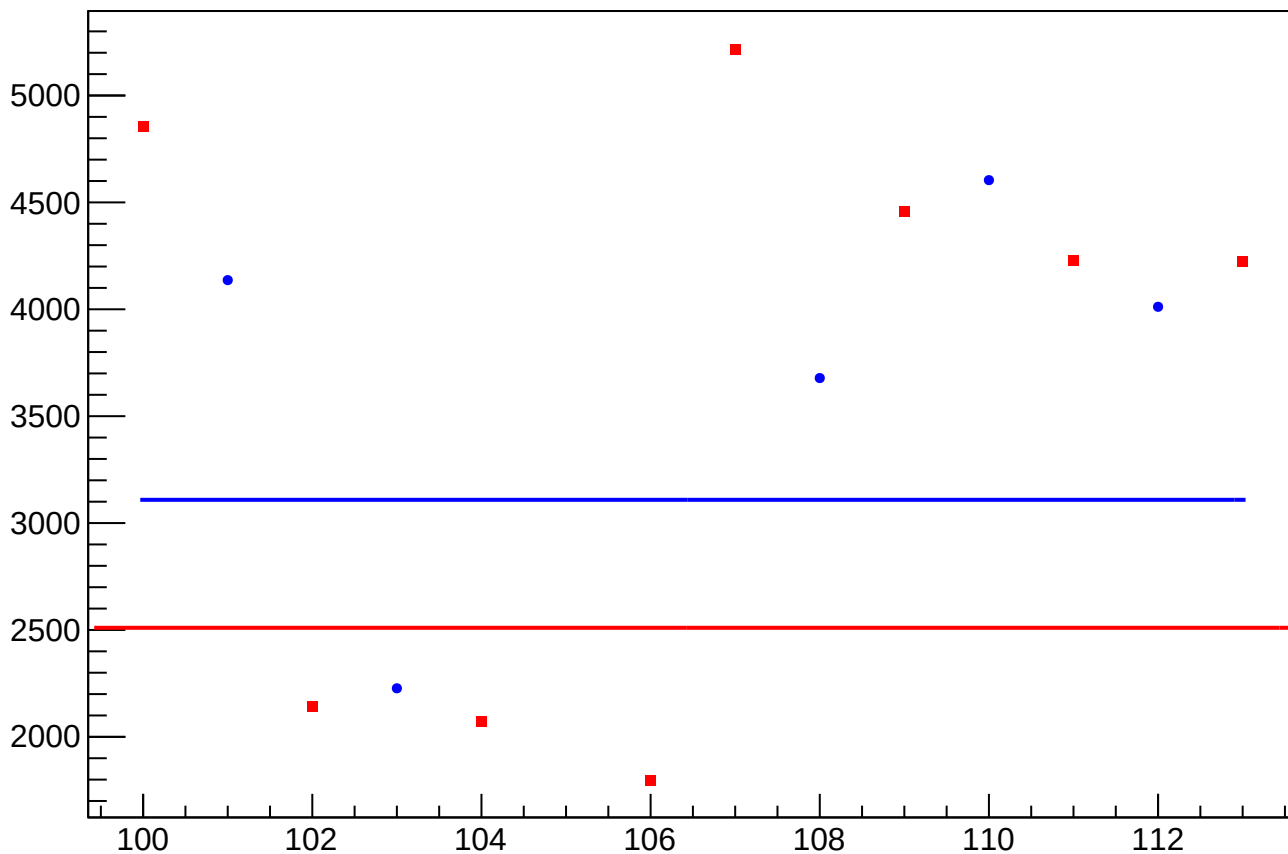
Right: -469.245+/-1212.489 χ^2/NDF : 14.6/12

In: -2791.172+/-2065.945 χ^2/NDF : 2.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -469.245+/-1212.489 χ^2/NDF : 14.6/12

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: 2510.156+/-1.059 χ^2/NDF : 851072.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

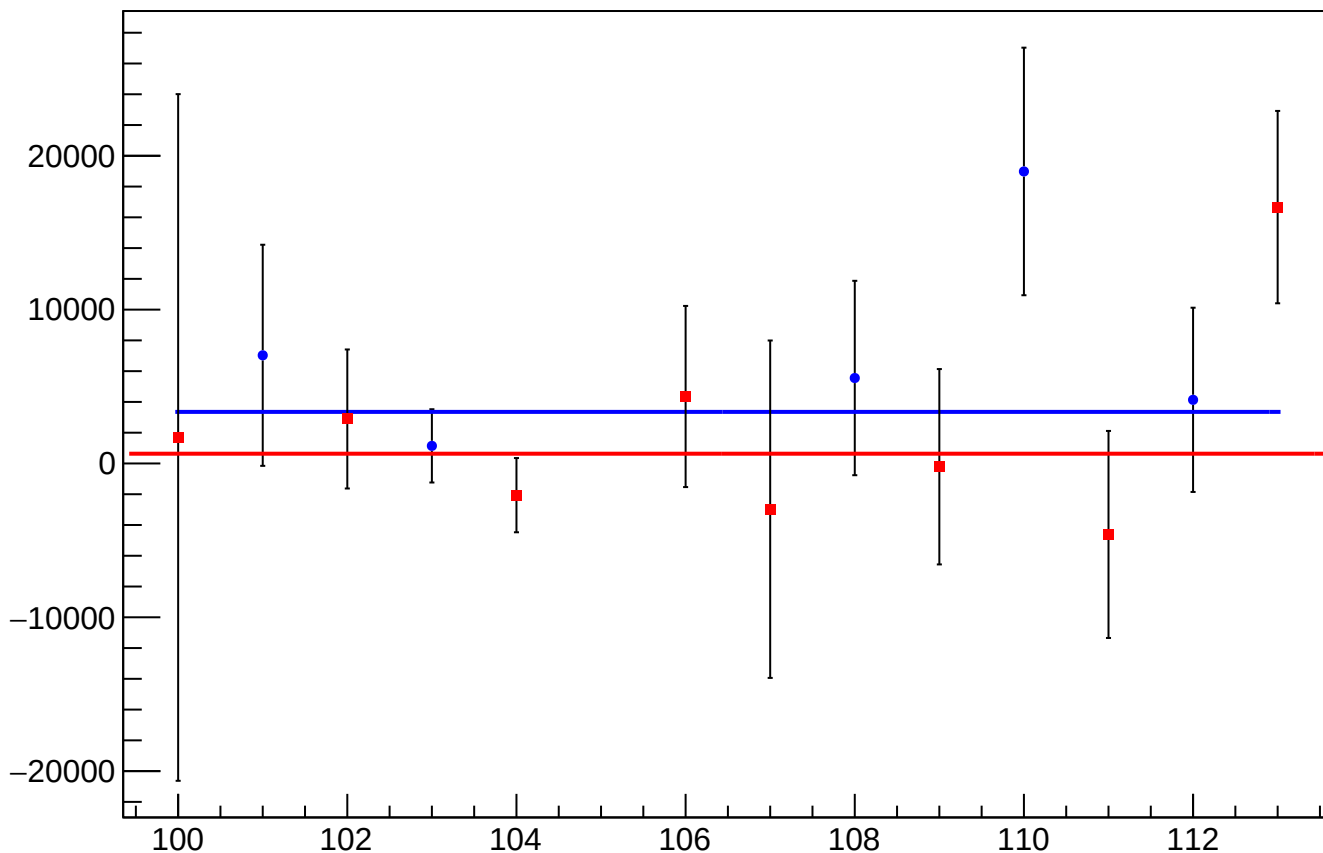
Right: 2716.362+/-0.857 χ^2/NDF : 1372809.8/12

In: 3108.821+/-1.461 χ^2/NDF : 411641.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2716.362+/-0.857 χ^2/NDF : 1372809.8/12

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: 634.091+/-1734.581 χ^2/NDF : 9.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

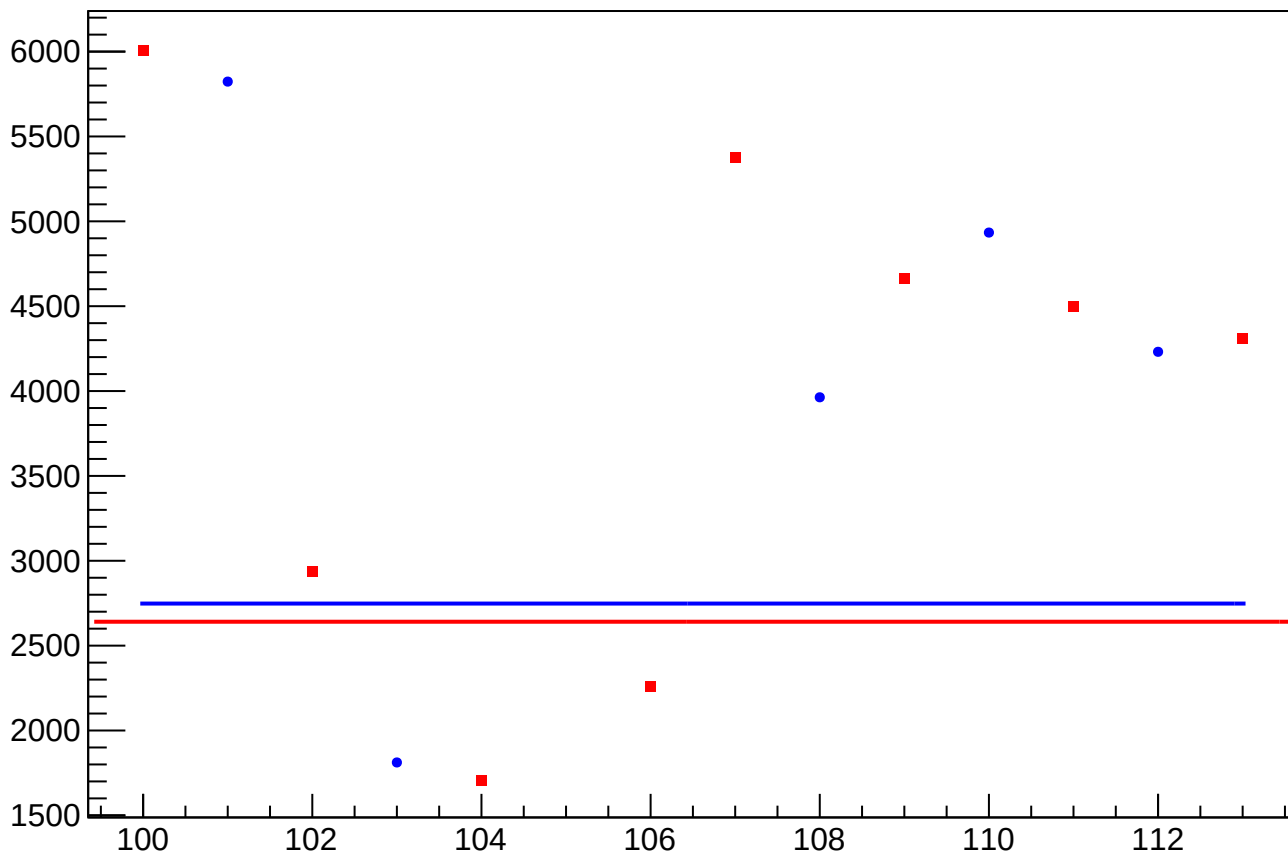
Right: 1837.732+/-1294.818 χ^2/NDF : 15.3/12

In: 3352.479+/-1945.879 χ^2/NDF : 5.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1837.732+/-1294.818 χ^2/NDF : 15.3/12

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: 2640.865+/-1.199 χ^2/NDF : 989251.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

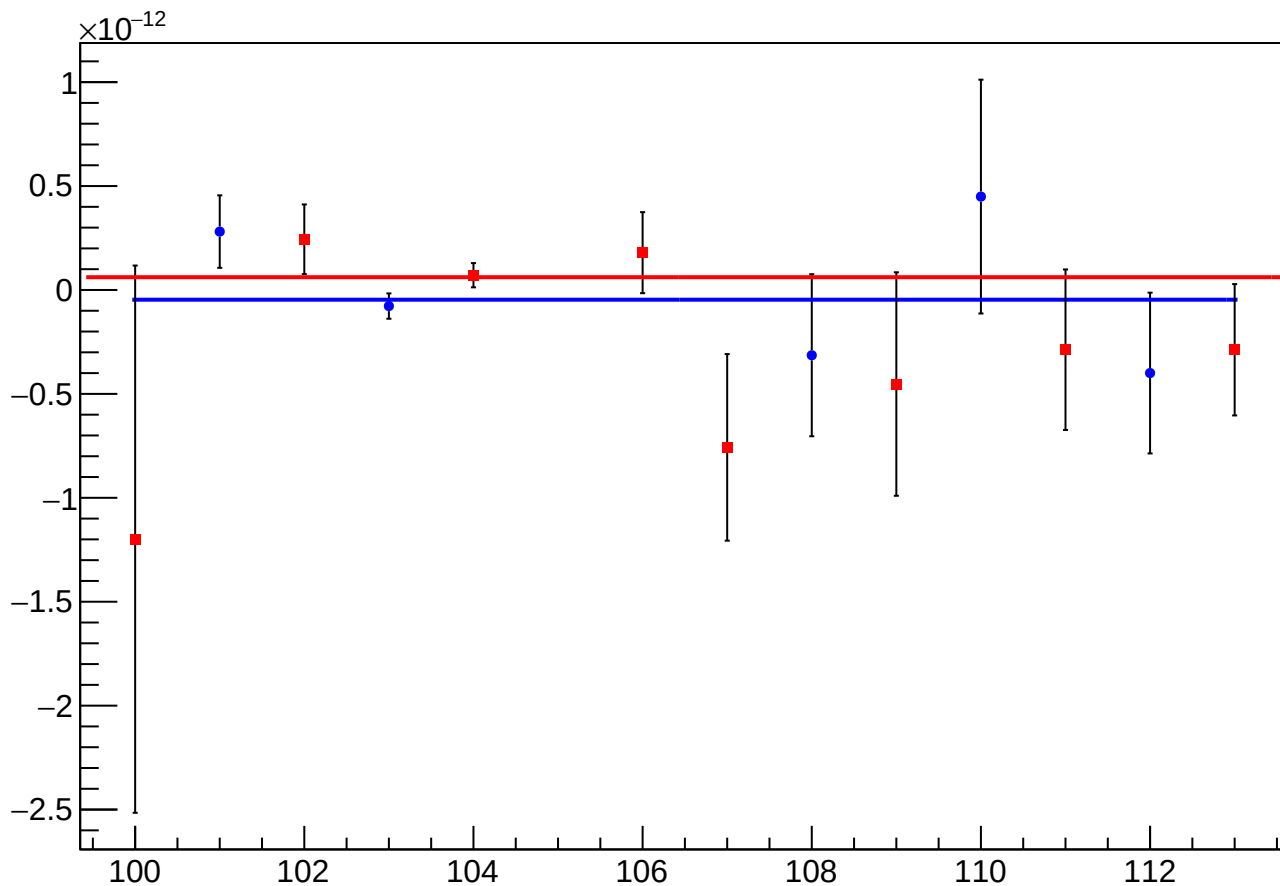
Right: 2687.059+/-0.904 χ^2/NDF : 2012353.9/12

In: 2747.921+/-1.376 χ^2/NDF : 1019660.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2687.059+/-0.904 χ^2/NDF : 2012353.9/12

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 : 8.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

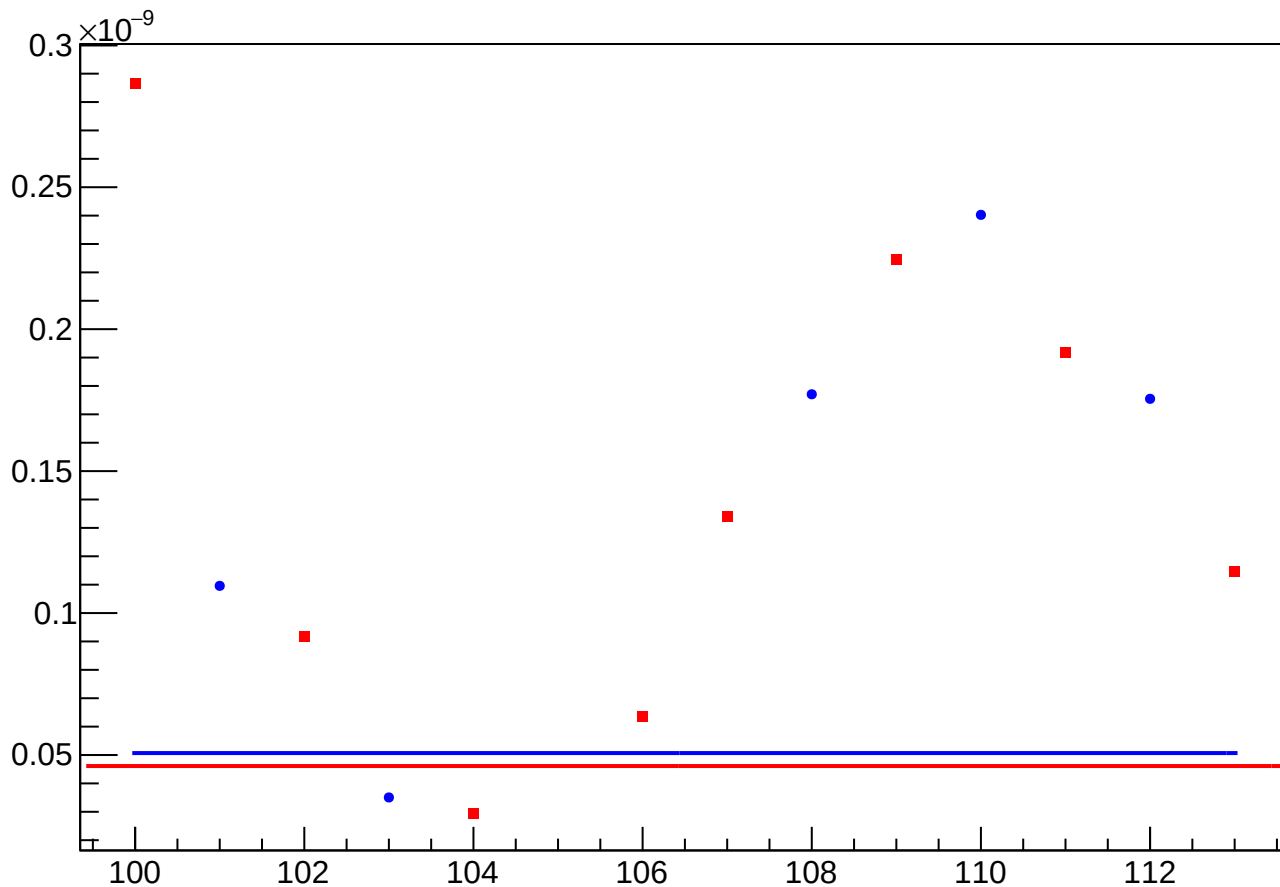
Right: 0.000+/-0.000 χ^2/NDF : 16.7/12

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 : 16.7/12

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 : 1071379.5/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

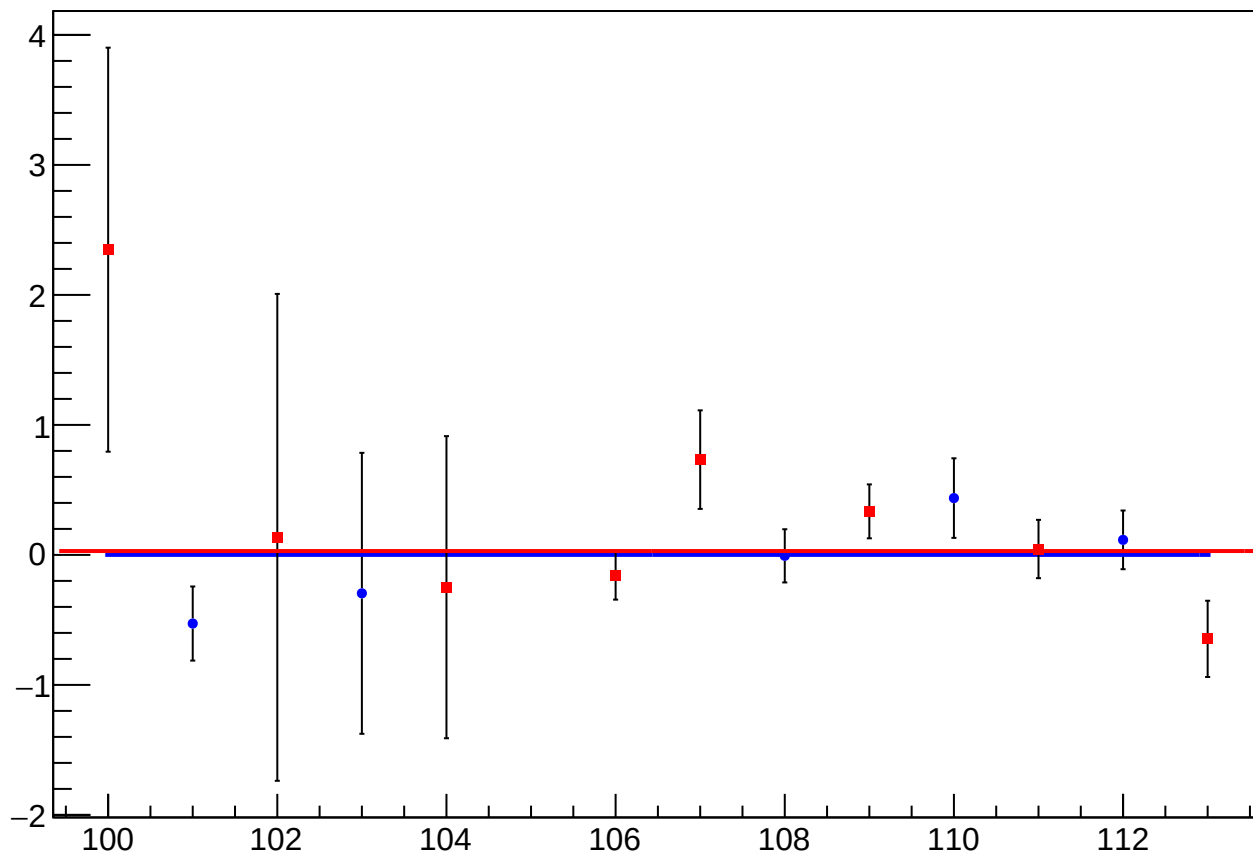
Right: 0.000+/-0.000 χ^2/NDF : 2083695.1/12

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 : 2083695.1/12

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: 0.030+/-0.105 χ^2/NDF : 14.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

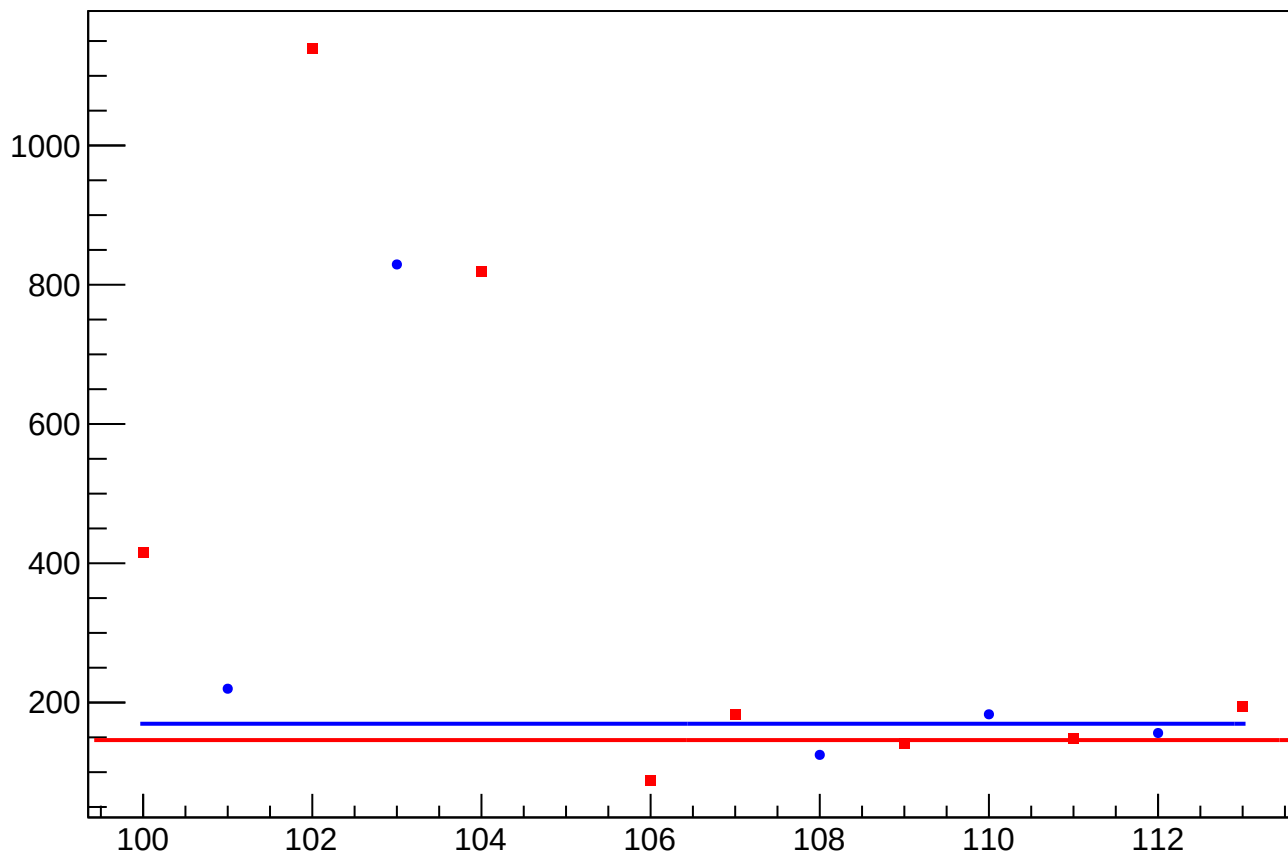
Right: 0.017+/-0.079 χ^2/NDF : 20.0/12

In: 0.000+/-0.122 χ^2/NDF : 5.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.079 χ^2/NDF : 20.0/12

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 169.537 $\pm$ 0.086 χ^2 /NDF: 913700.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 146.076 $\pm$ 0.074 χ^2 /NDF: 1558243.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

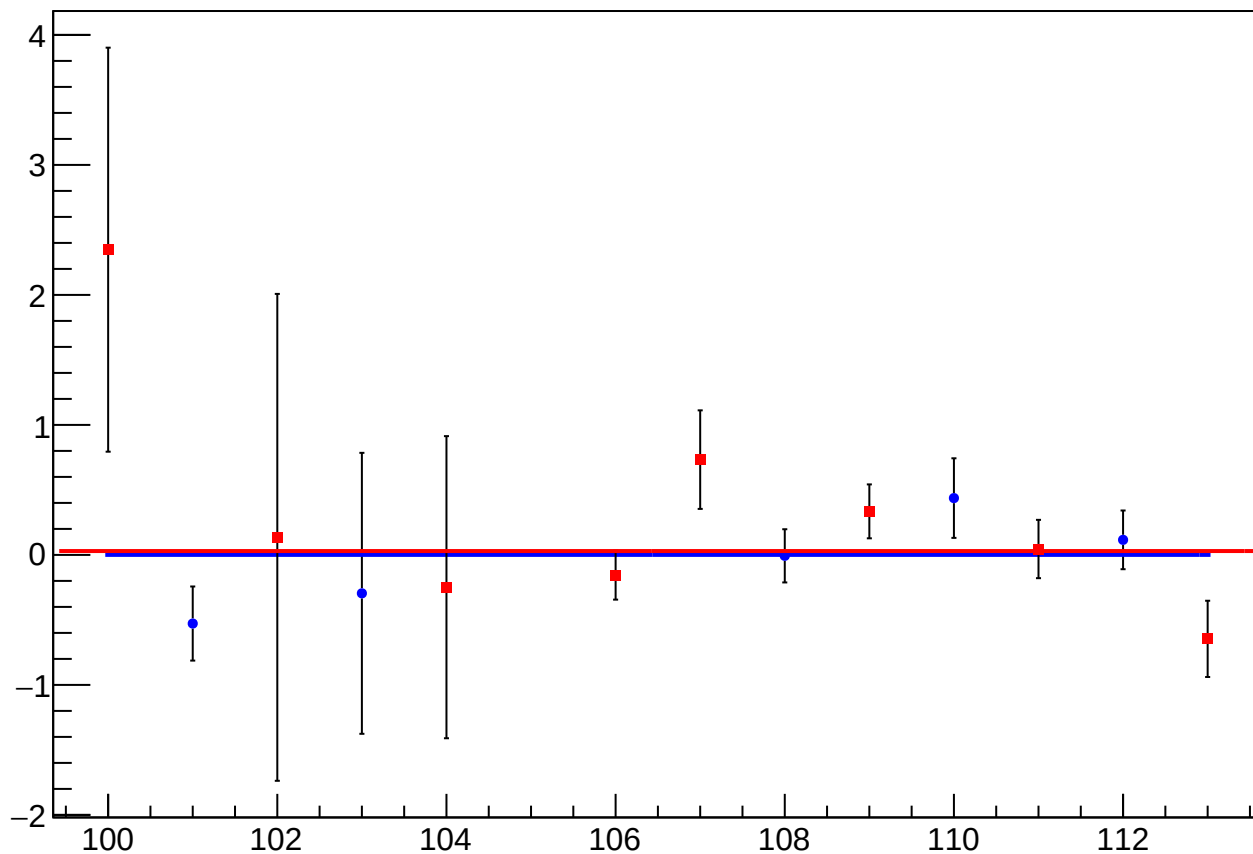
Right: 156.032 $\pm$ 0.056 χ^2 /NDF: 2514619.7/12

In: 169.537 $\pm$ 0.086 χ^2 /NDF:913700.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 156.032 $\pm$ 0.056 χ^2 /NDF: 2514619.7/12

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: 0.030+/-0.105 χ^2/NDF : 14.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

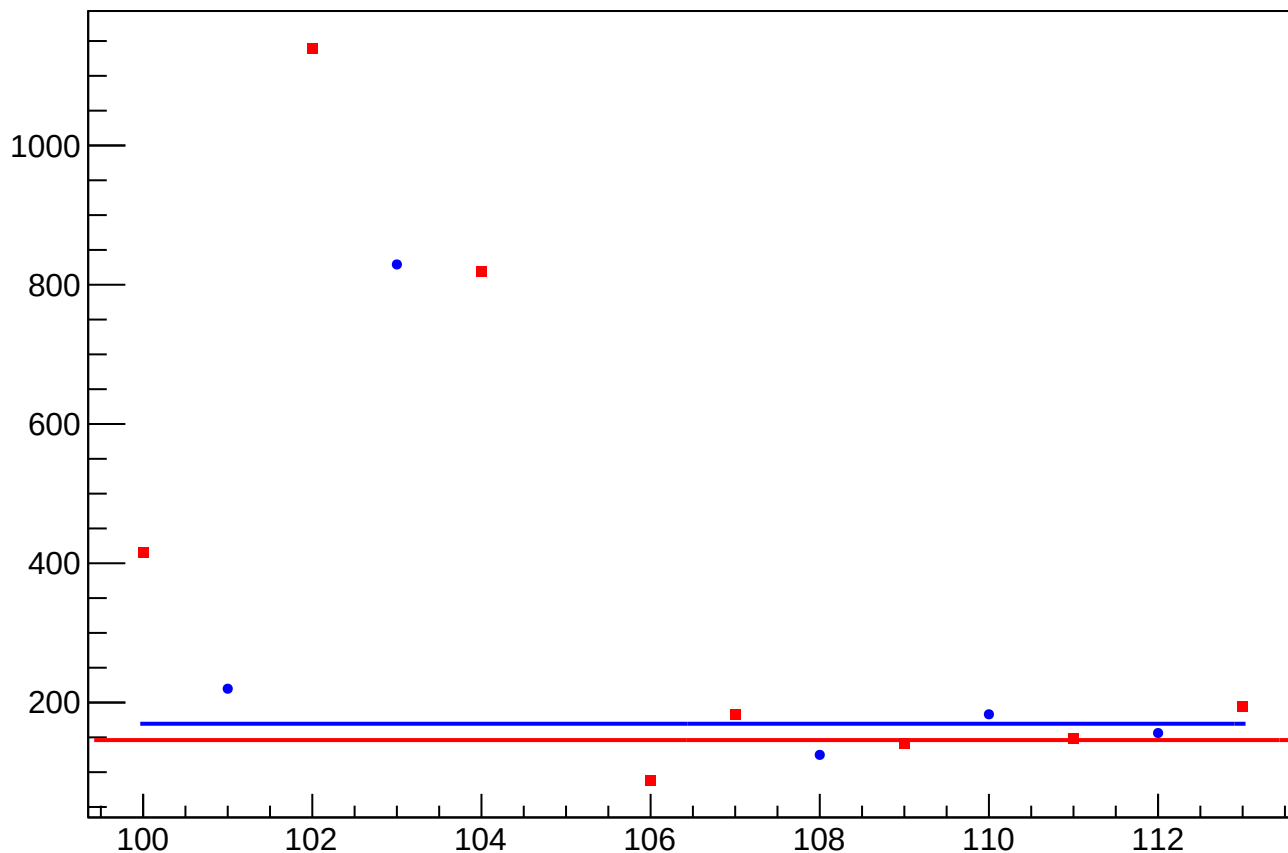
Right: 0.017+/-0.079 χ^2/NDF : 20.0/12

In: 0.000+/-0.122 χ^2/NDF : 5.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.079 χ^2/NDF : 20.0/12

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: 146.076+/-0.074 χ^2/NDF : 1558243.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

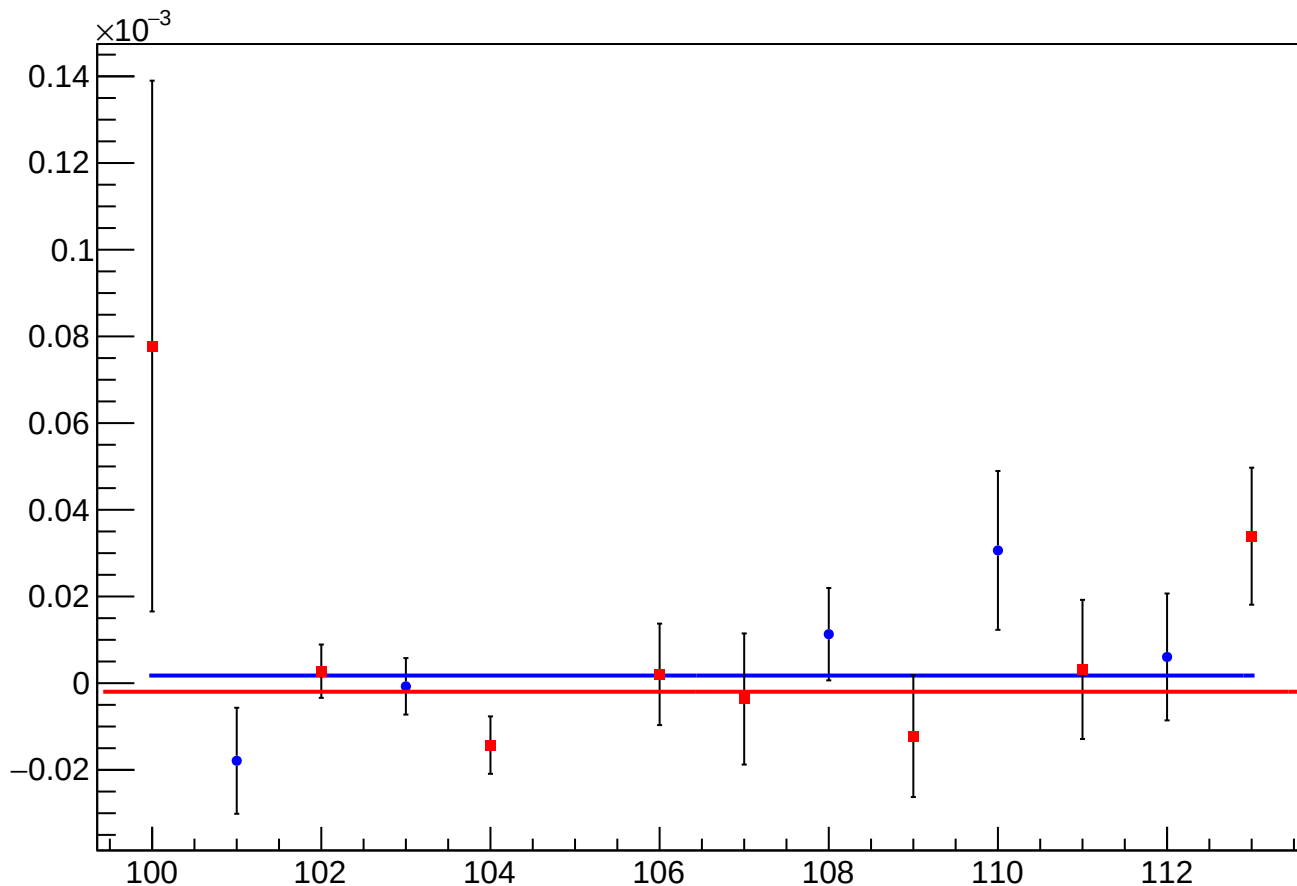
Right: 156.032+/-0.056 χ^2/NDF : 2514619.7/12

In: 169.537+/-0.086 χ^2/NDF : 913700.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.032+/-0.056 χ^2/NDF : 2514619.7/12

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 : 11.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

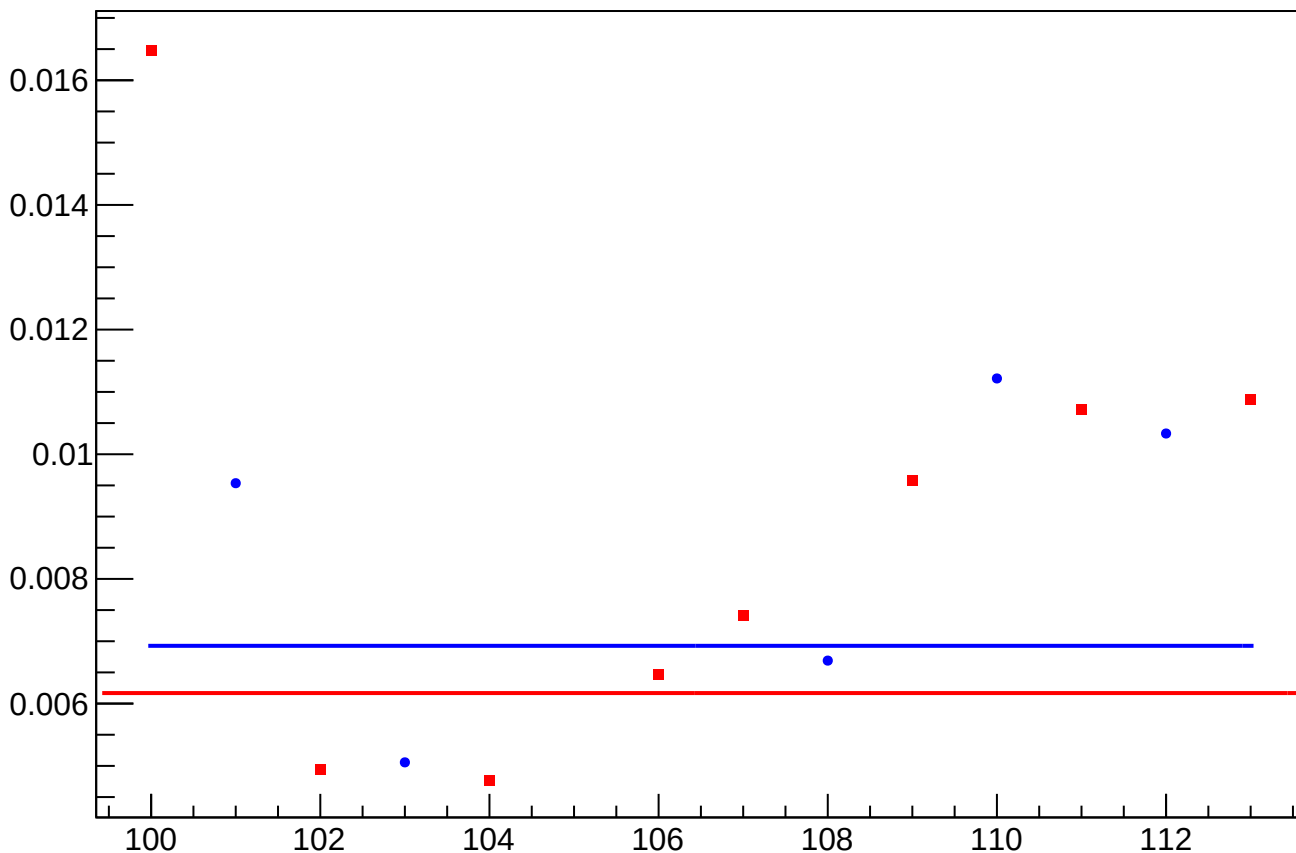
Right: -0.000+/-0.000 χ^2/NDF : 18.2/12

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 : 18.2/12

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 : 696852.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

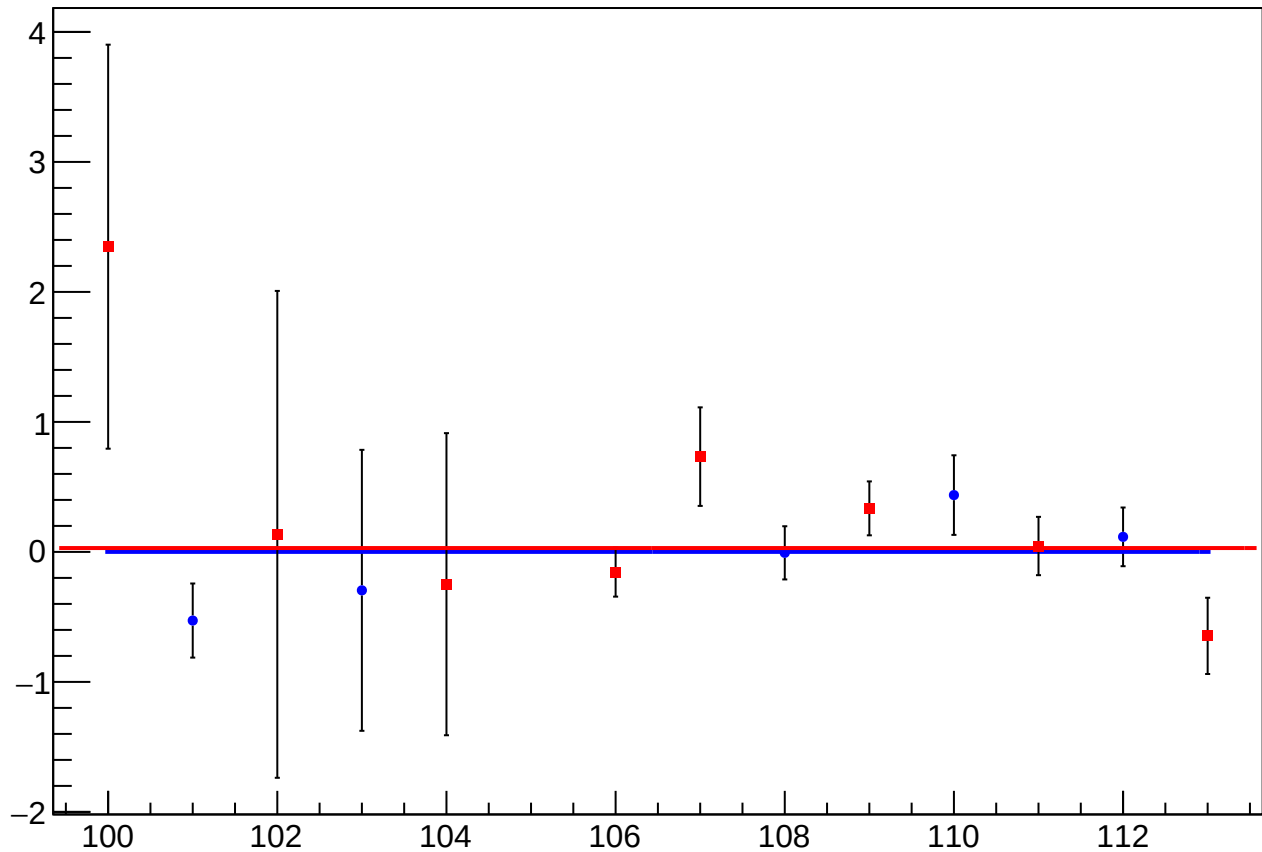
Right: 0.006+/-0.000 χ^2/NDF : 1204349.7/12

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 : 1204349.7/12

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: 0.030+/-0.105 χ^2/NDF : 14.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

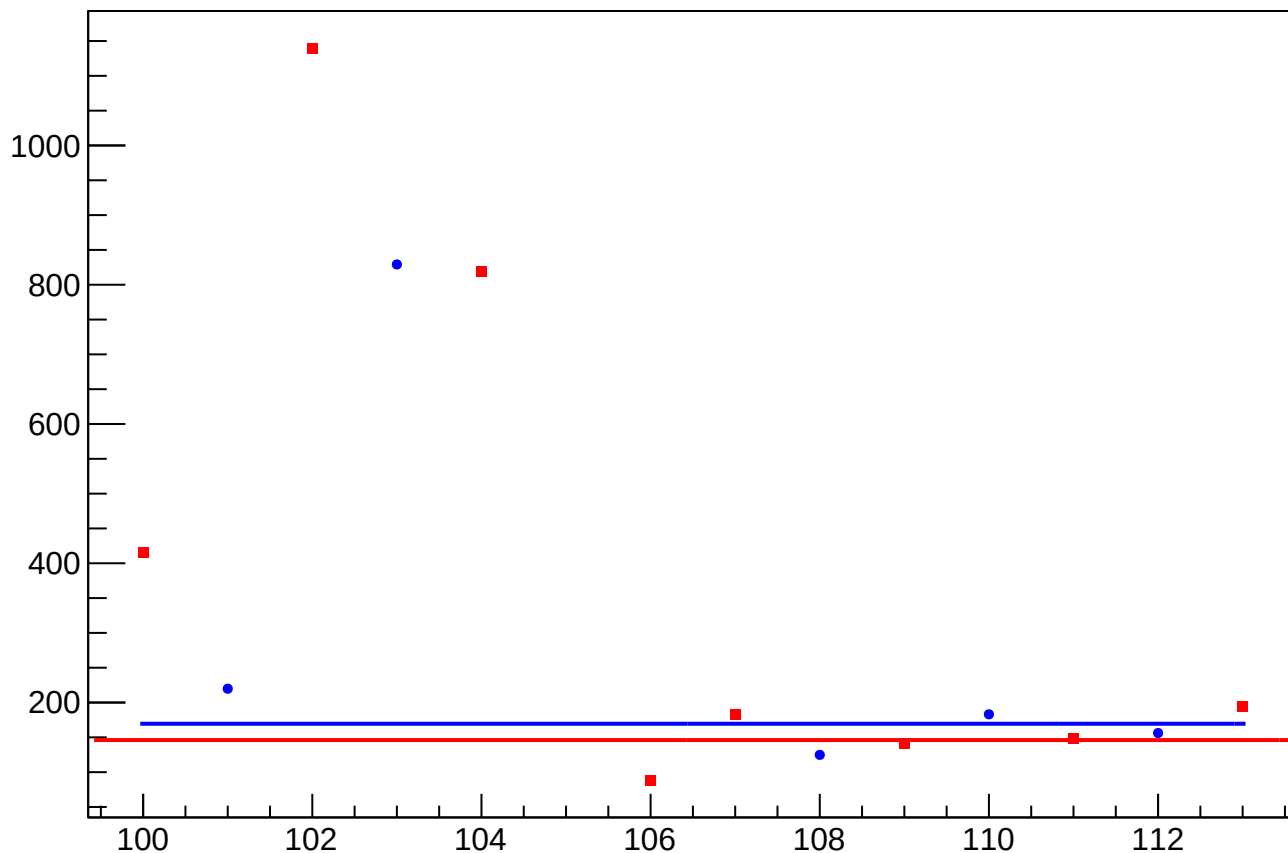
Right: 0.017+/-0.079 χ^2/NDF : 20.0/12

In: 0.000+/-0.122 χ^2/NDF : 5.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.079 χ^2/NDF : 20.0/12

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: 146.076+/-0.074 χ^2/NDF : 1558253.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

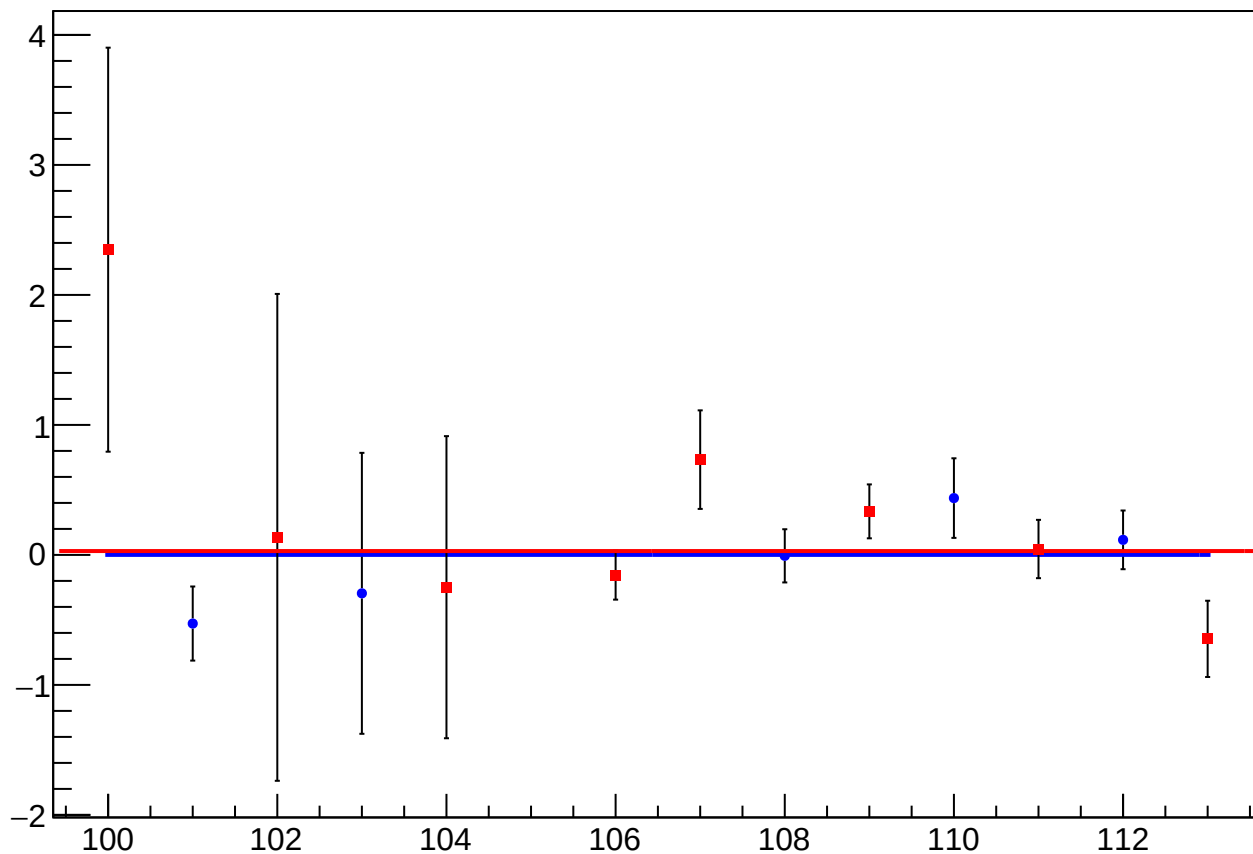
Right: 156.032+/-0.056 χ^2/NDF : 2514623.0/12

In: 169.540+/-0.086 χ^2/NDF : 913682.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.032+/-0.056 χ^2/NDF : 2514623.0/12

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: 0.030+/-0.105 χ^2/NDF : 14.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

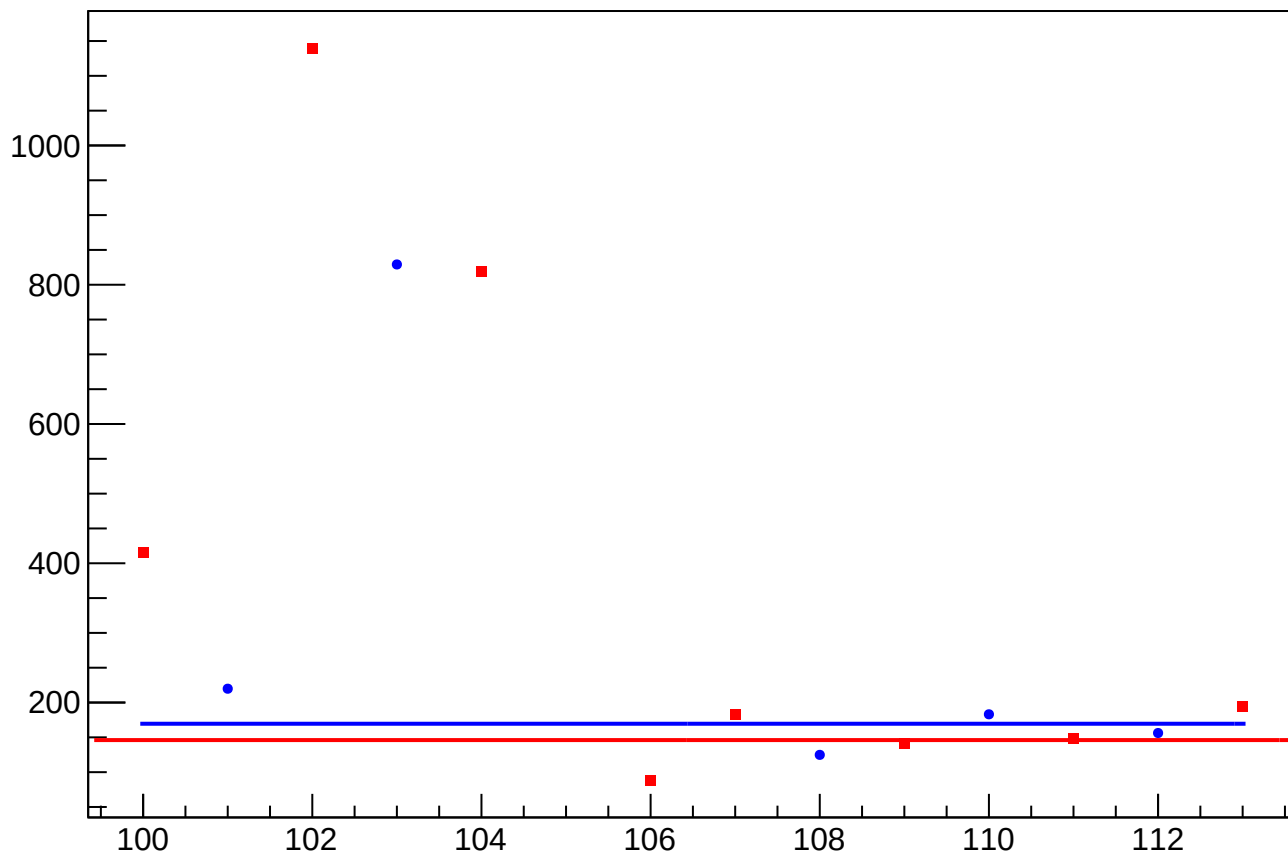
Right: 0.017+/-0.079 χ^2/NDF : 20.0/12

In: 0.000+/-0.122 χ^2/NDF : 5.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.079 χ^2/NDF : 20.0/12

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: 146.076+/-0.074 χ^2/NDF : 1558253.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

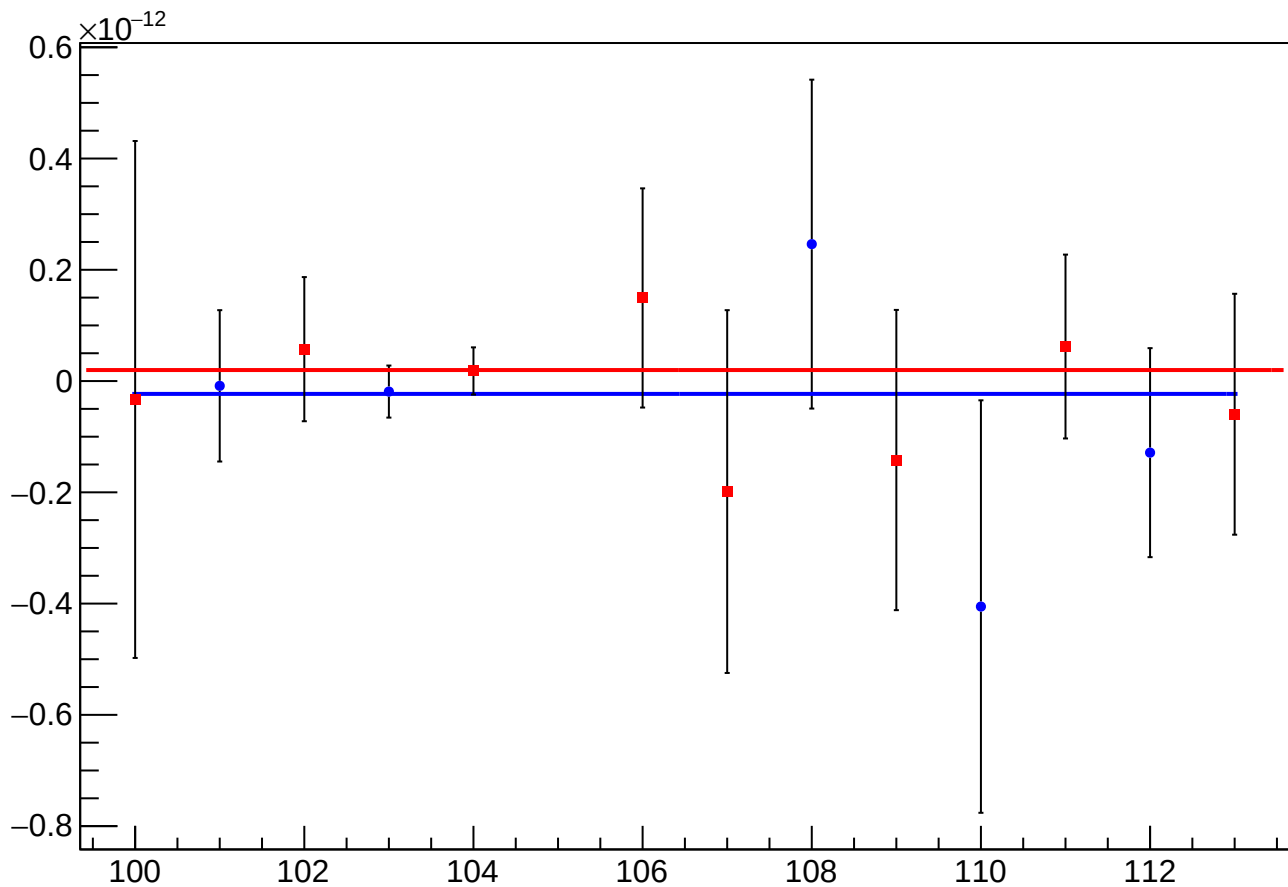
Right: 156.032+/-0.056 χ^2/NDF : 2514623.0/12

In: 169.540+/-0.086 χ^2/NDF : 913682.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.032+/-0.056 χ^2/NDF : 2514623.0/12

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 : 1.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

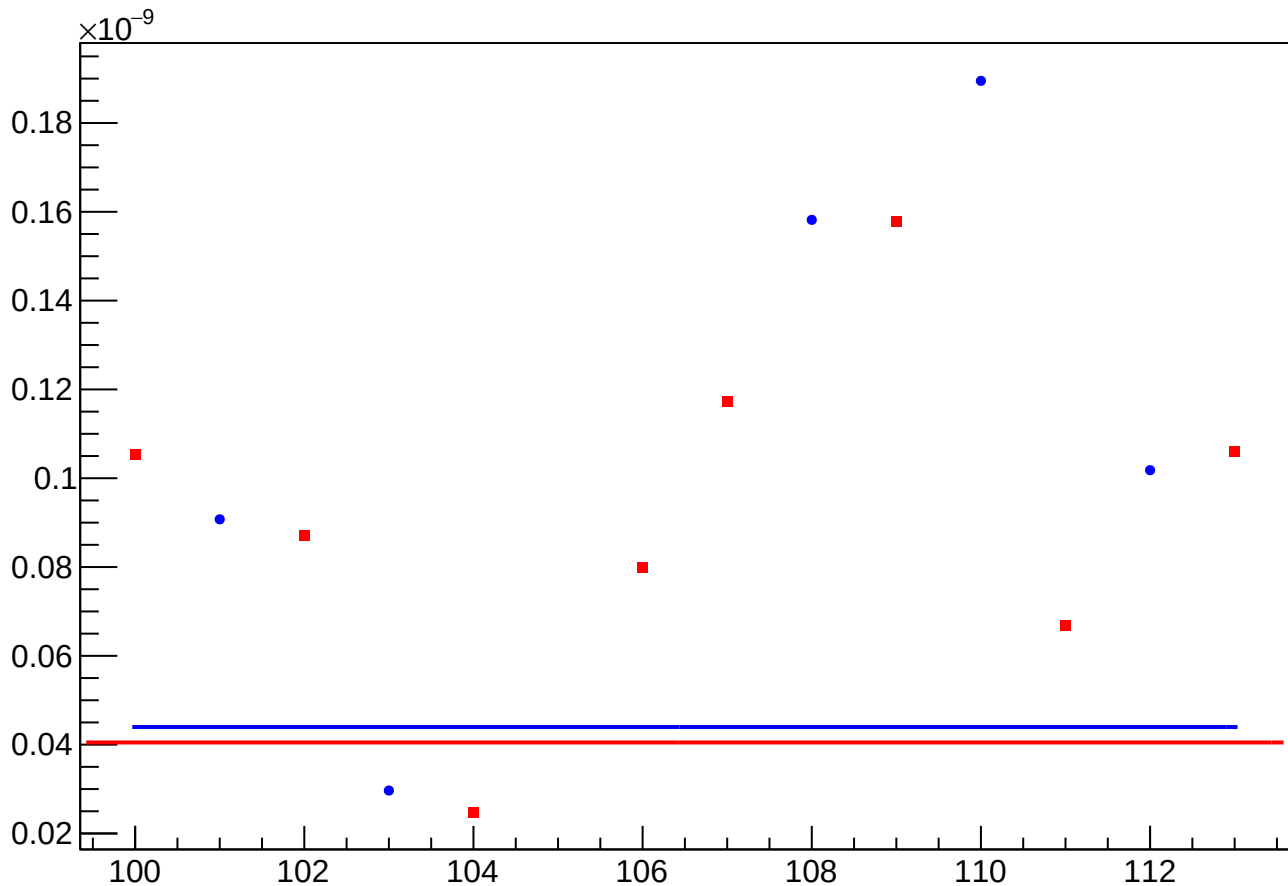
Right: 0.000+/-0.000 χ^2/NDF : 4.3/12

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 : 4.3/12

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 : 1380356.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

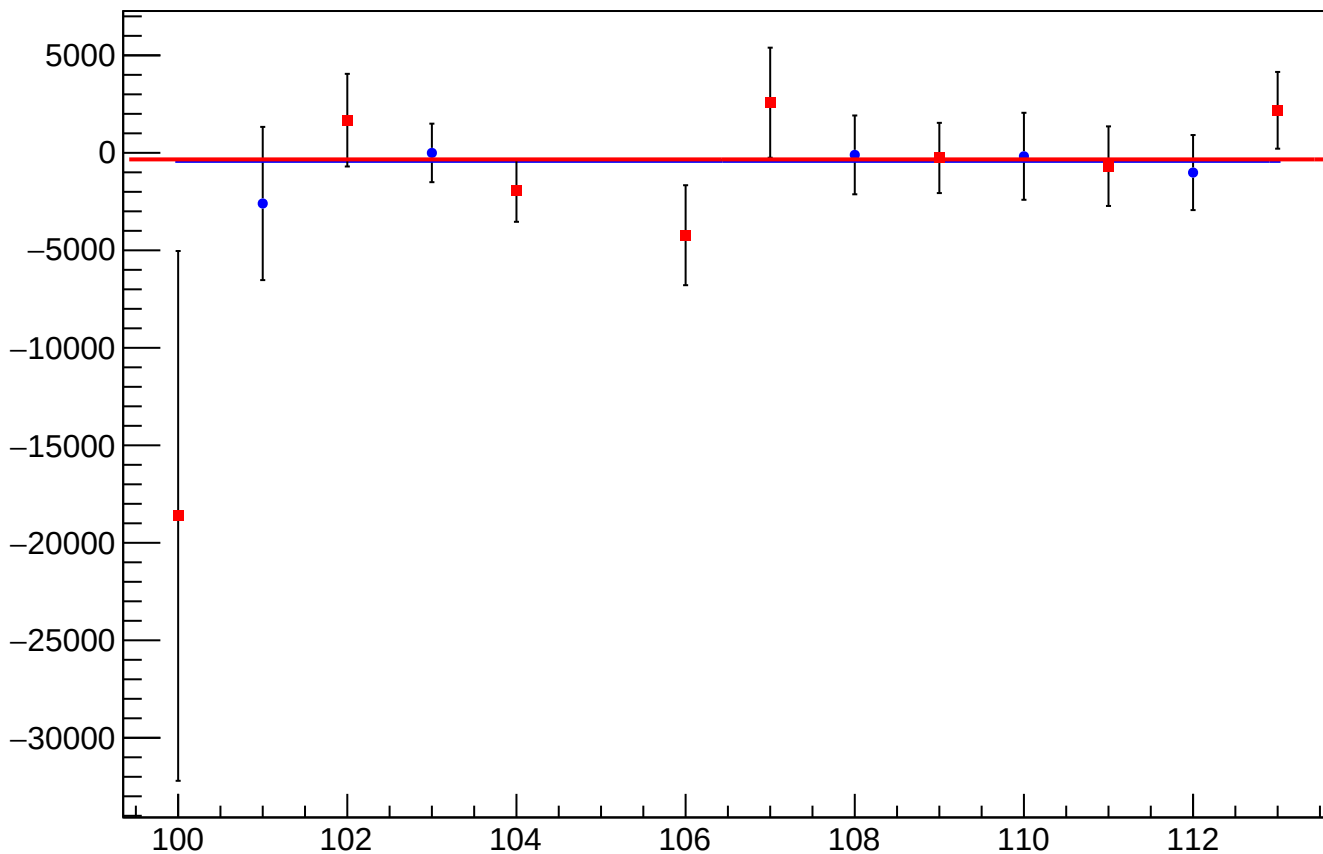
Right: 0.000+/-0.000 χ^2/NDF : 2607834.1/12

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 : 2607834.1/12

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: -336.145+/-777.287 χ^2/NDF : 8.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

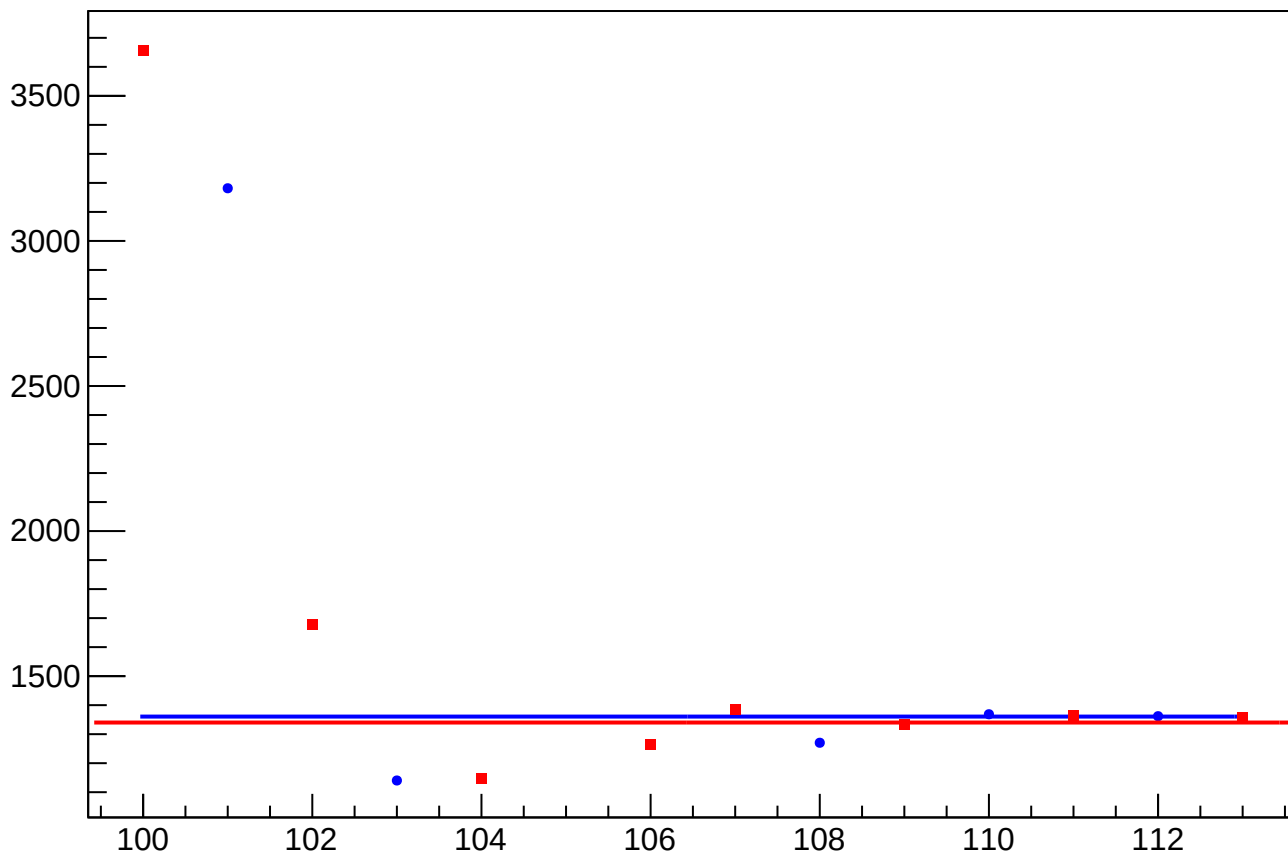
Right: -368.359+/-589.259 χ^2/NDF : 9.1/12

In: -411.890+/-903.574 χ^2/NDF : 0.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -368.359+/-589.259 χ^2/NDF : 9.1/12

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: 1340.093+/-0.550 χ^2/NDF : 129502.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

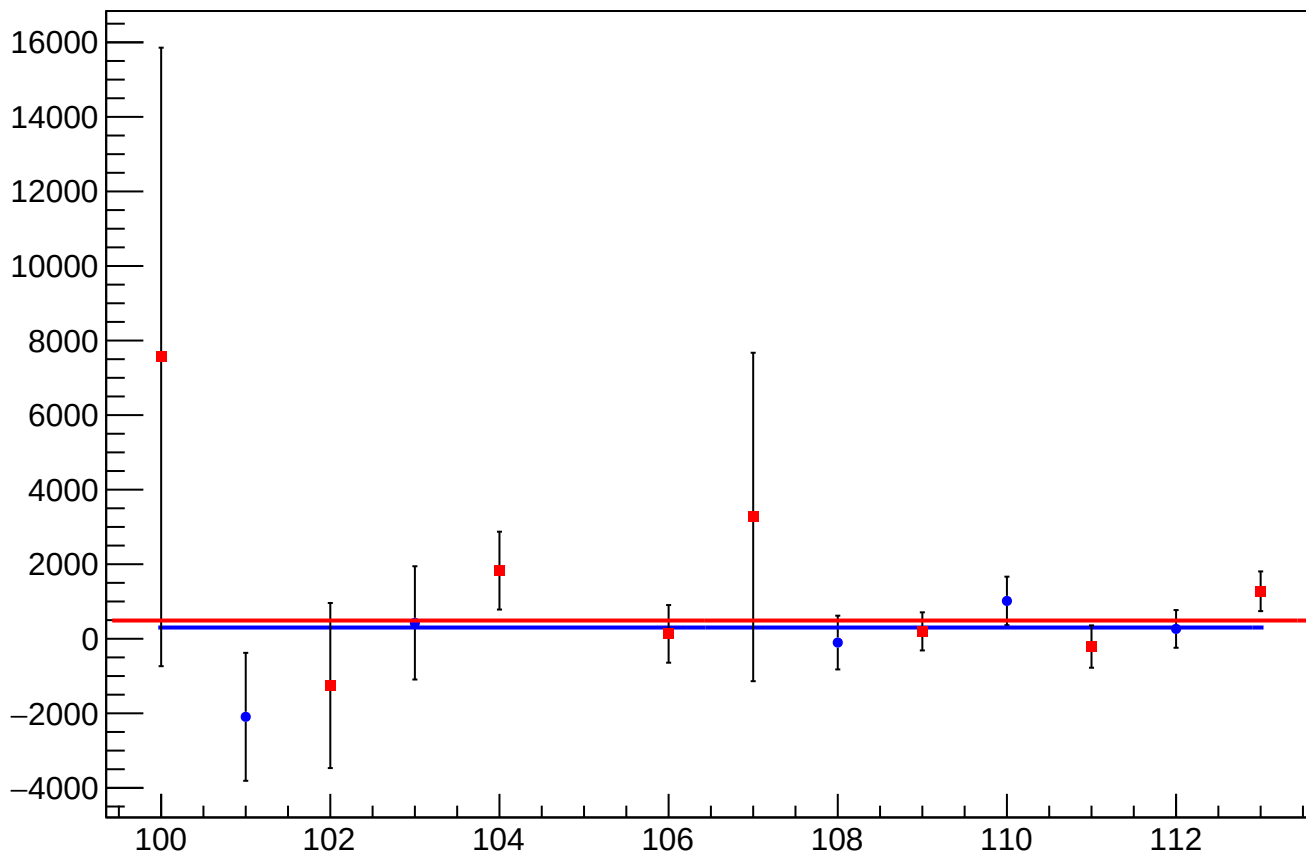
Right: 1348.823+/-0.417 χ^2/NDF : 606900.4/12

In: 1360.620+/-0.639 χ^2/NDF : 476804.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1348.823+/-0.417 χ^2/NDF : 606900.4/12

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: 489.238+/-274.020 χ^2/NDF : 7.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

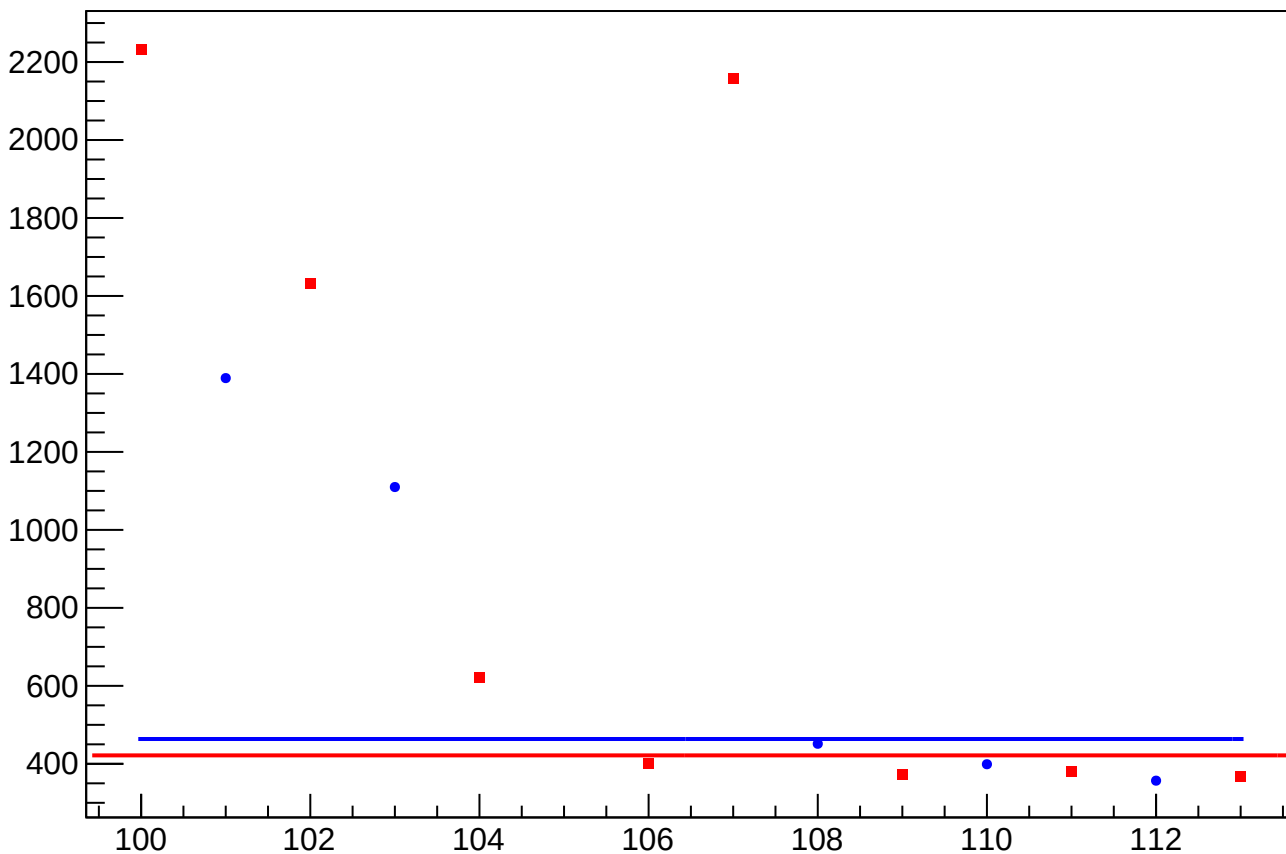
Right: 413.752+/-211.813 χ^2/NDF : 11.3/12

In: 301.693+/-333.866 χ^2/NDF : 3.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 413.752+/-211.813 χ^2/NDF : 11.3/12

asym_atl_avg_atr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 463.667+/-0.236 χ^2/NDF : 1053457.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 421.668+/-0.194 χ^2/NDF : 1128319.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

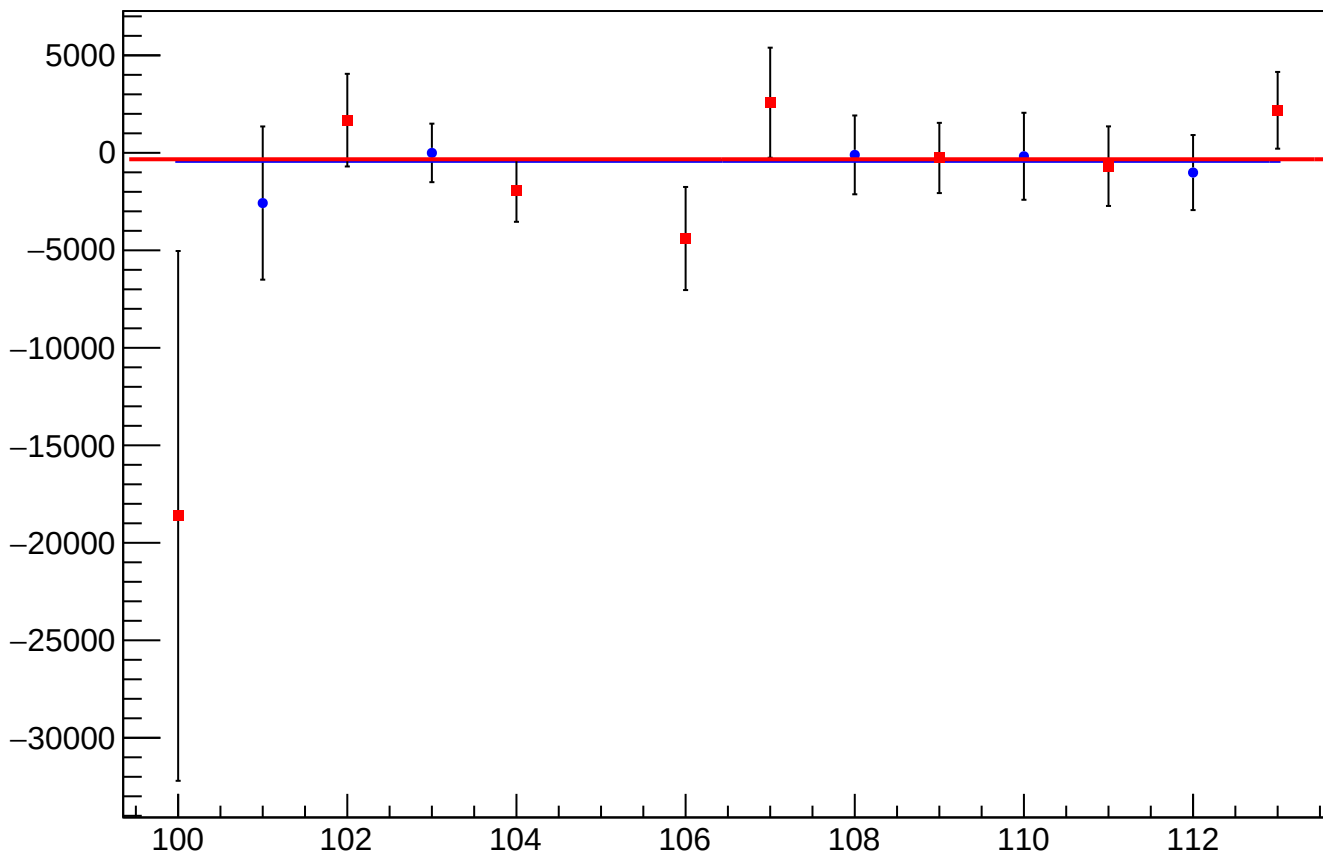
Right: 438.572+/-0.150 χ^2/NDF : 2200688.1/12

In: 463.667+/-0.236 χ^2/NDF : 1053457.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 438.572+/-0.150 χ^2/NDF : 2200688.1/12

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: -329.426+/-779.434 χ^2/NDF : 8.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

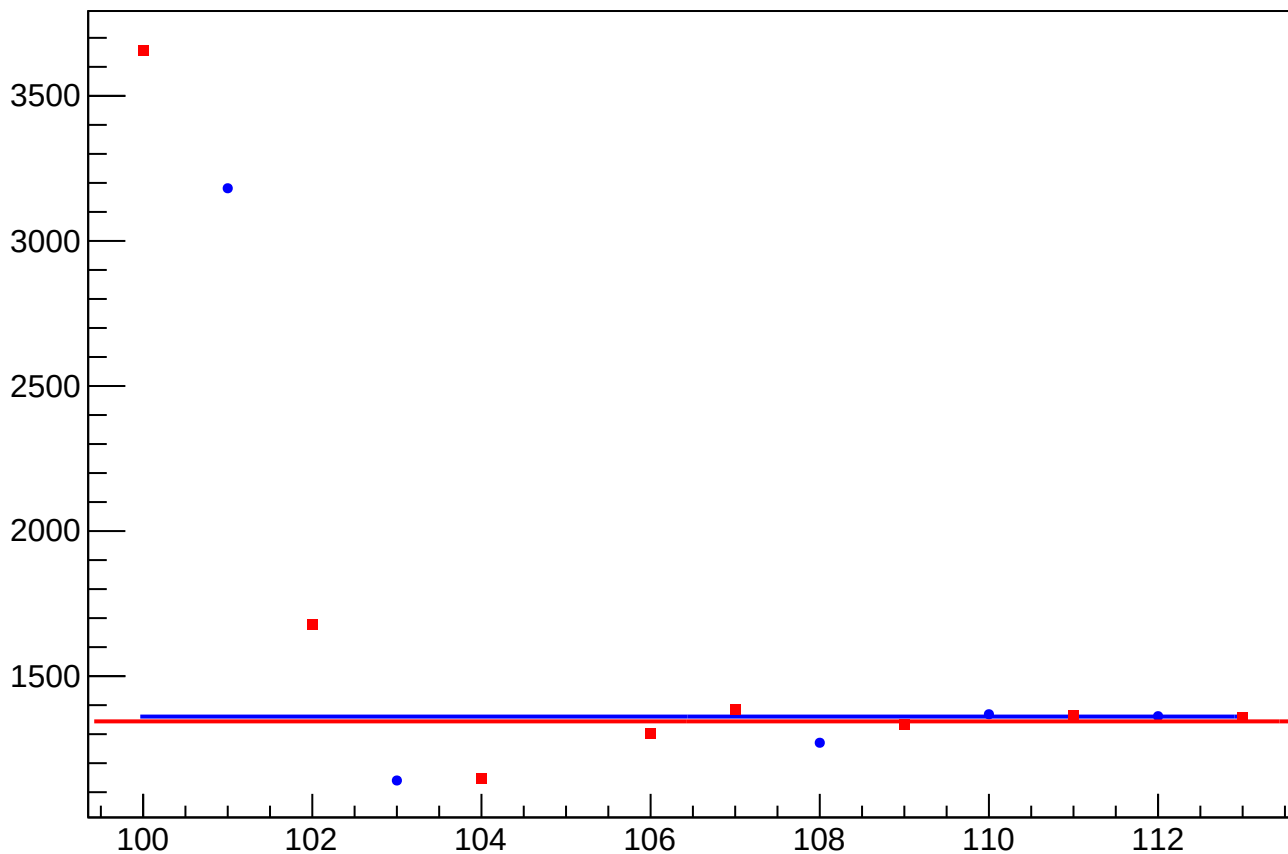
Right: -364.043+/-590.193 χ^2/NDF : 9.1/12

In: -410.566+/-903.574 χ^2/NDF : 0.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -364.043+/-590.193 χ^2/NDF : 9.1/12

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: 1344.064+/-0.551 χ^2/NDF : 128020.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

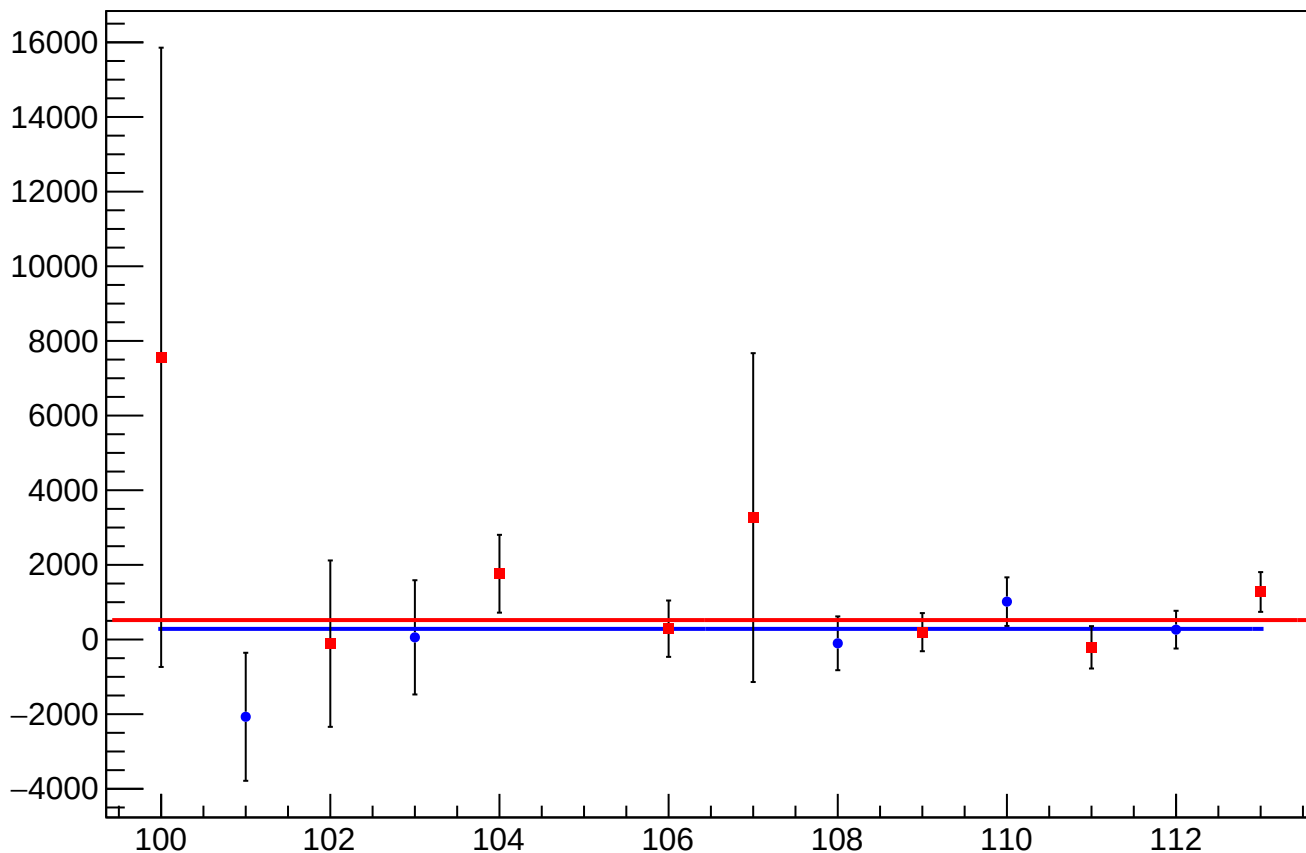
Right: 1351.127+/-0.417 χ^2/NDF : 605212.3/12

In: 1360.619+/-0.639 χ^2/NDF : 476806.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1351.127+/-0.417 χ^2/NDF : 605212.3/12

asym_atl_avg_atr_avg_dd_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: 520.926+/-273.176 χ^2/NDF : 6.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

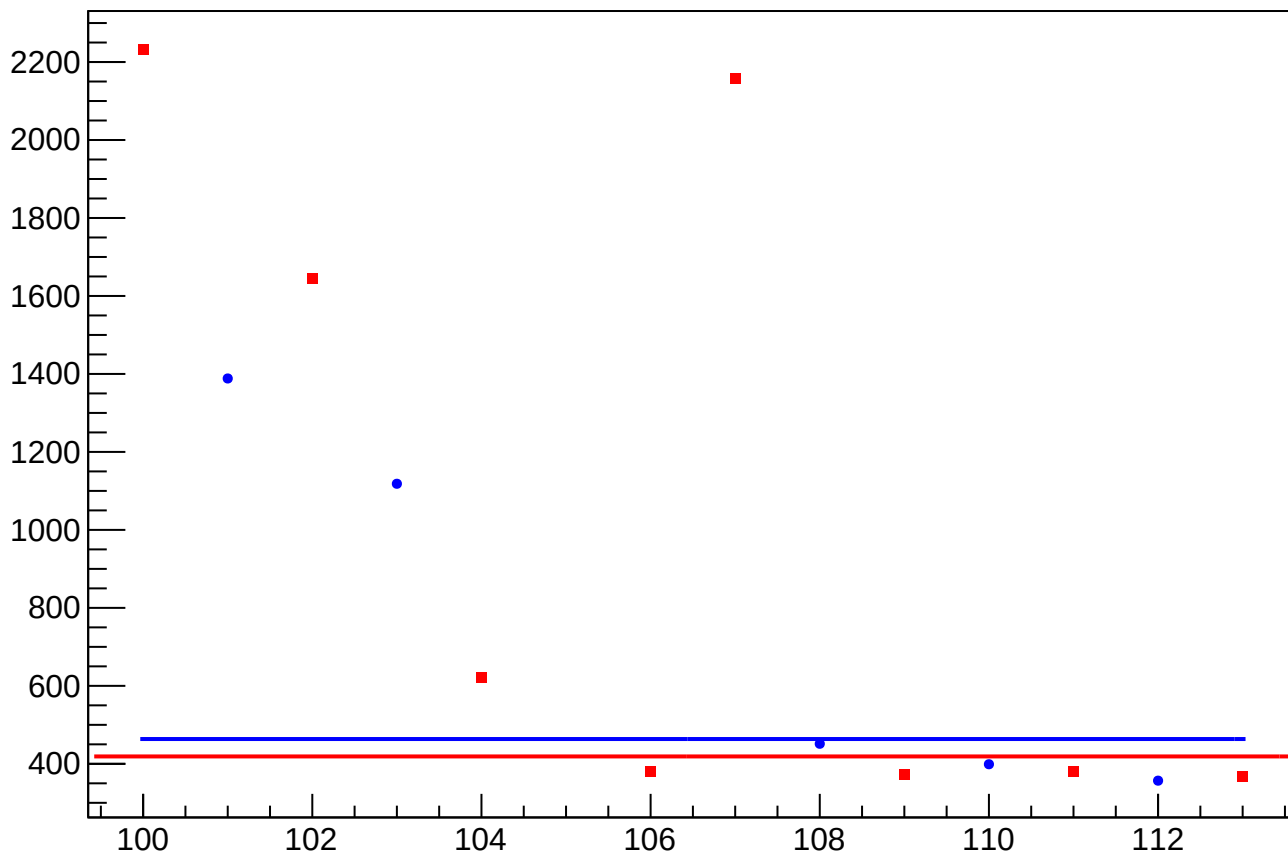
Right: 426.309+/-211.451 χ^2/NDF : 10.5/12

In: 284.887+/-333.976 χ^2/NDF : 3.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 426.309+/-211.451 χ^2/NDF : 10.5/12

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: 418.965+/-0.193 χ^2/NDF : 1139192.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

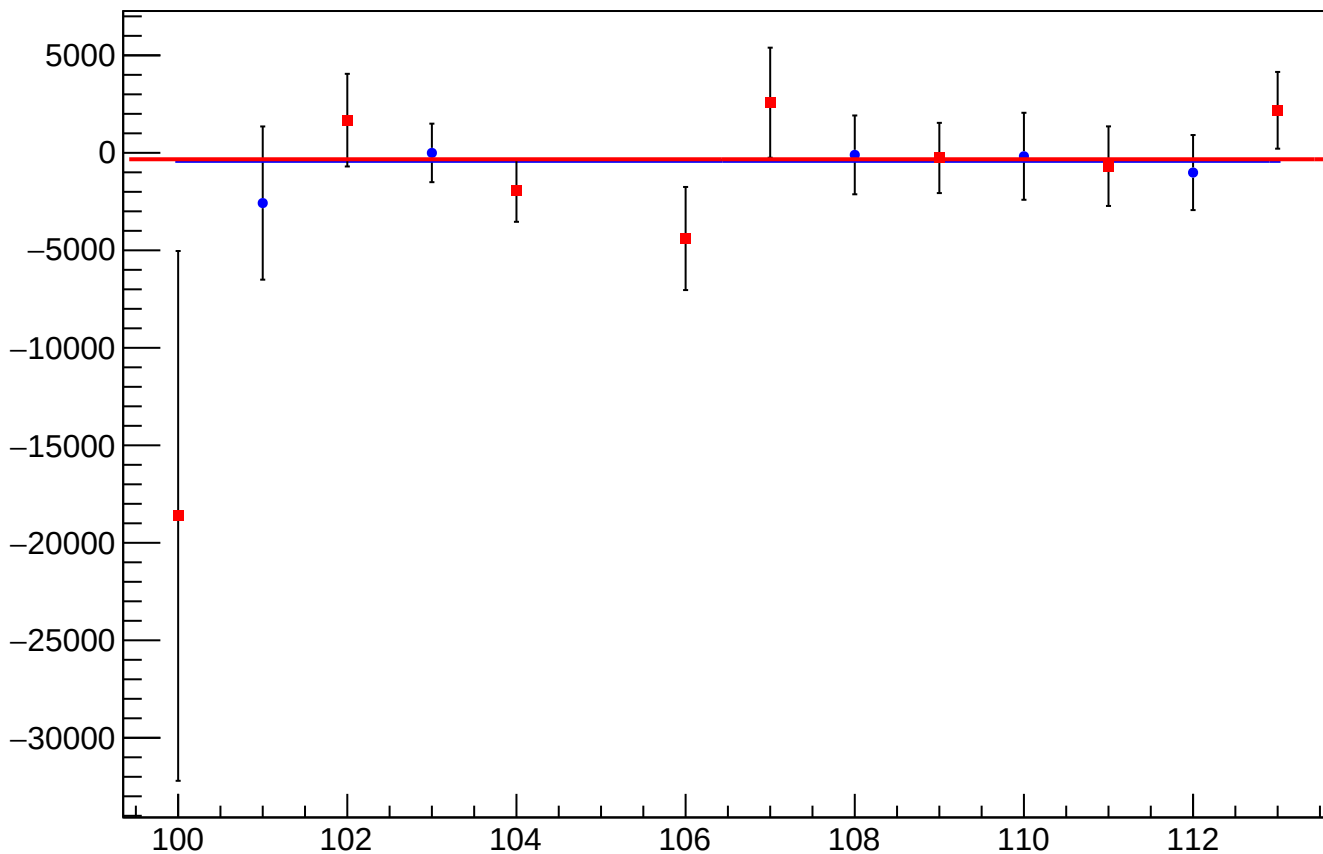
Right: 436.866+/-0.150 χ^2/NDF : 2217681.8/12

In: 463.622+/-0.236 χ^2/NDF : 1057065.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 436.866+/-0.150 χ^2/NDF : 2217681.8/12

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: -329.426+/-779.434 χ^2/NDF : 8.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

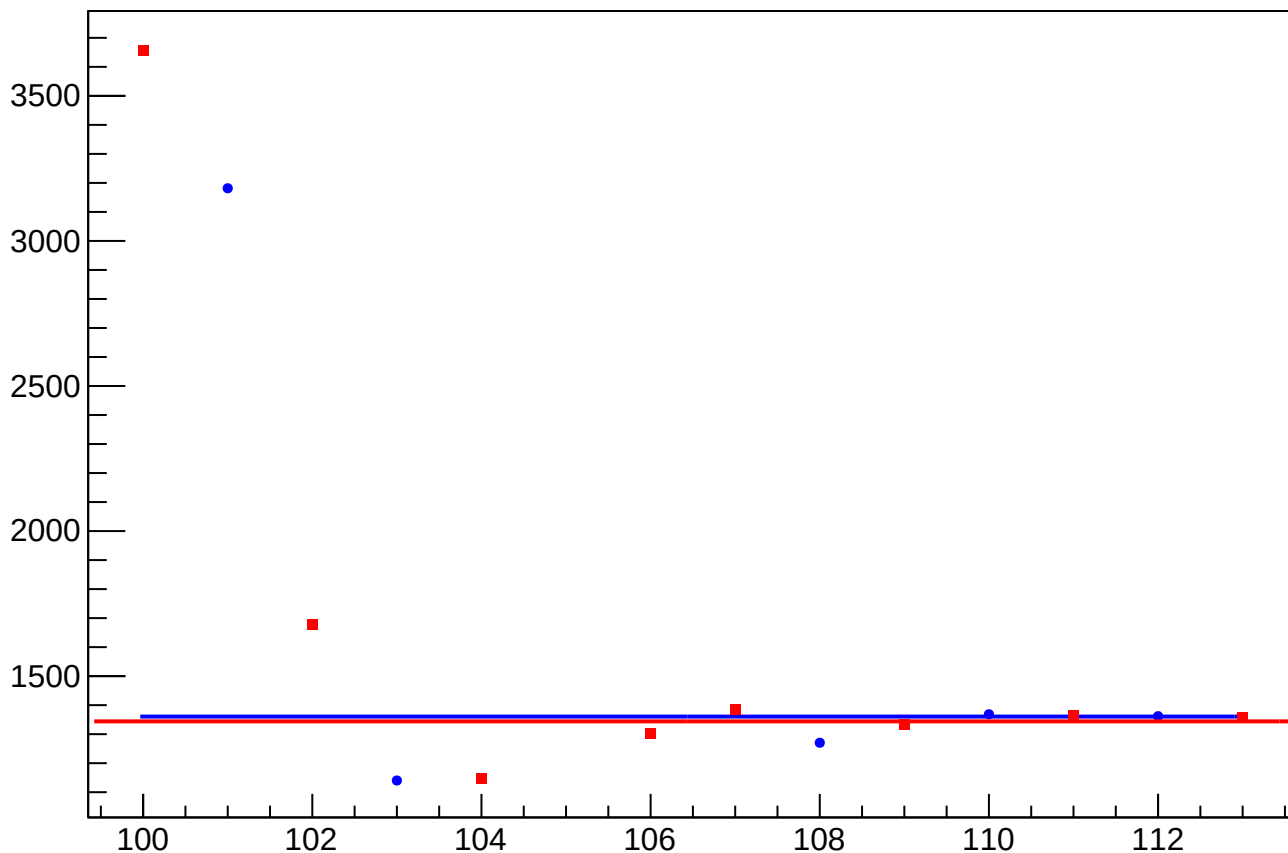
Right: -364.043+/-590.193 χ^2/NDF : 9.1/12

In: -410.566+/-903.574 χ^2/NDF : 0.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -364.043+/-590.193 χ^2/NDF : 9.1/12

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: 1344.064+/-0.551 χ^2/NDF : 128020.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

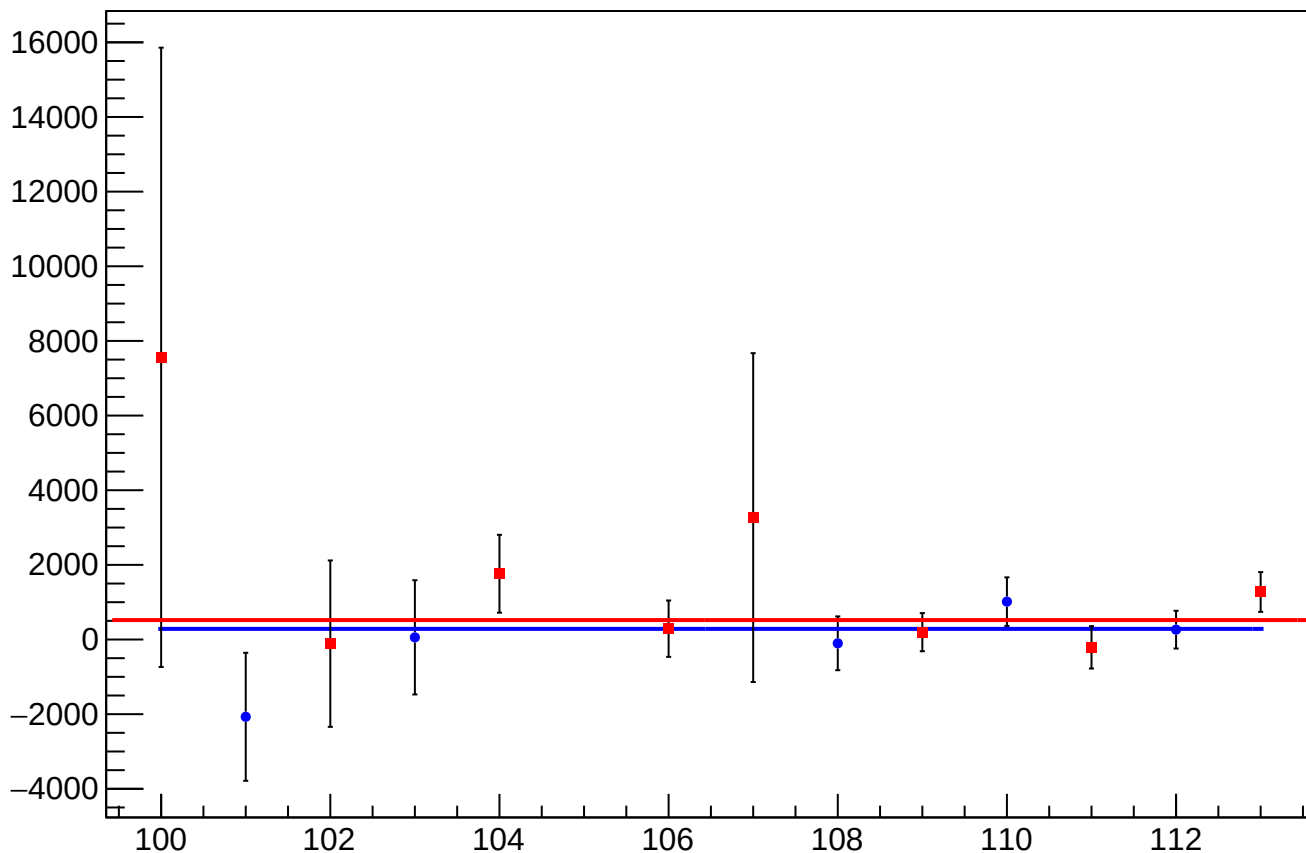
Right: 1351.127+/-0.417 χ^2/NDF : 605212.3/12

In: 1360.619+/-0.639 χ^2/NDF : 476806.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1351.127+/-0.417 χ^2/NDF : 605212.3/12

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: 520.926+/-273.176 χ^2/NDF : 6.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

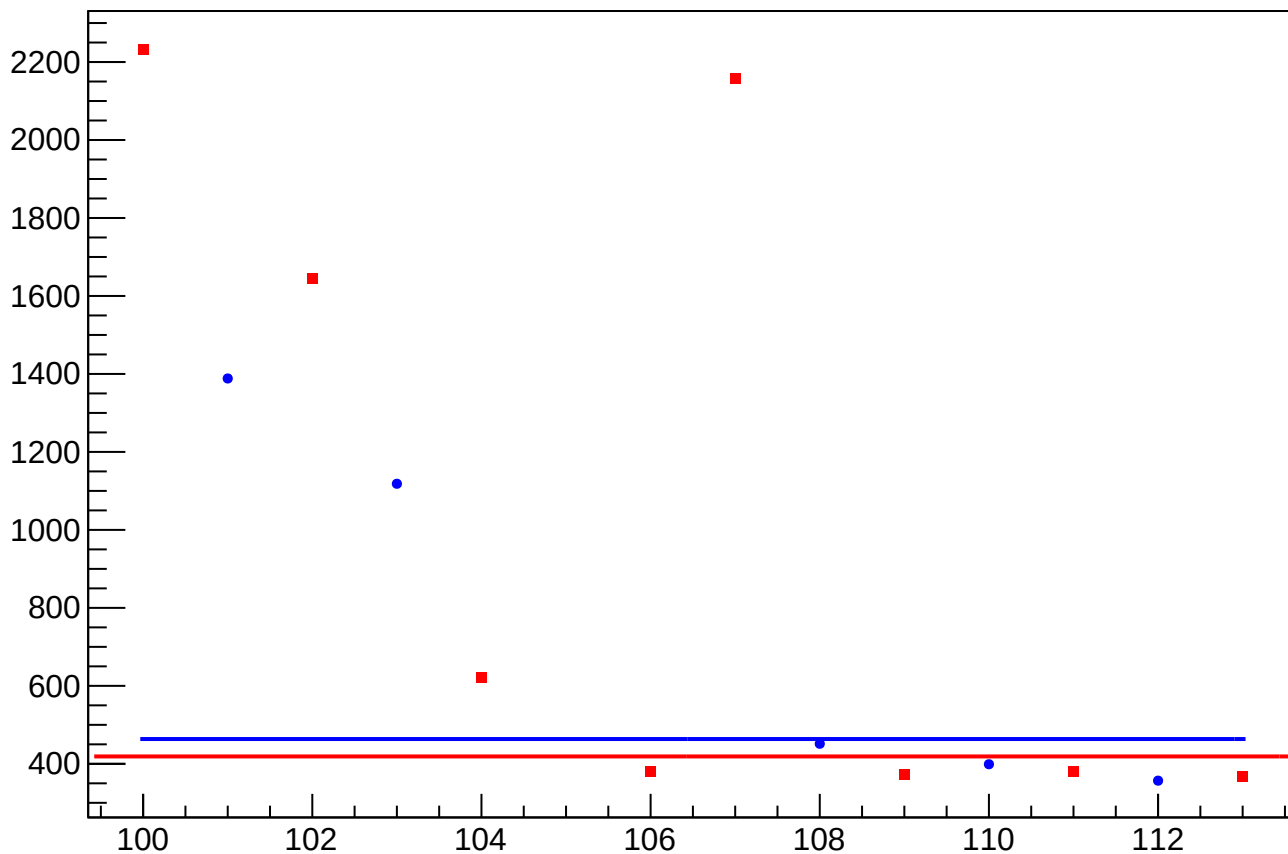
Right: 426.309+/-211.451 χ^2/NDF : 10.5/12

In: 284.887+/-333.976 χ^2/NDF : 3.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 426.309+/-211.451 χ^2/NDF : 10.5/12

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: 418.965+/-0.193 χ^2/NDF : 1139192.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

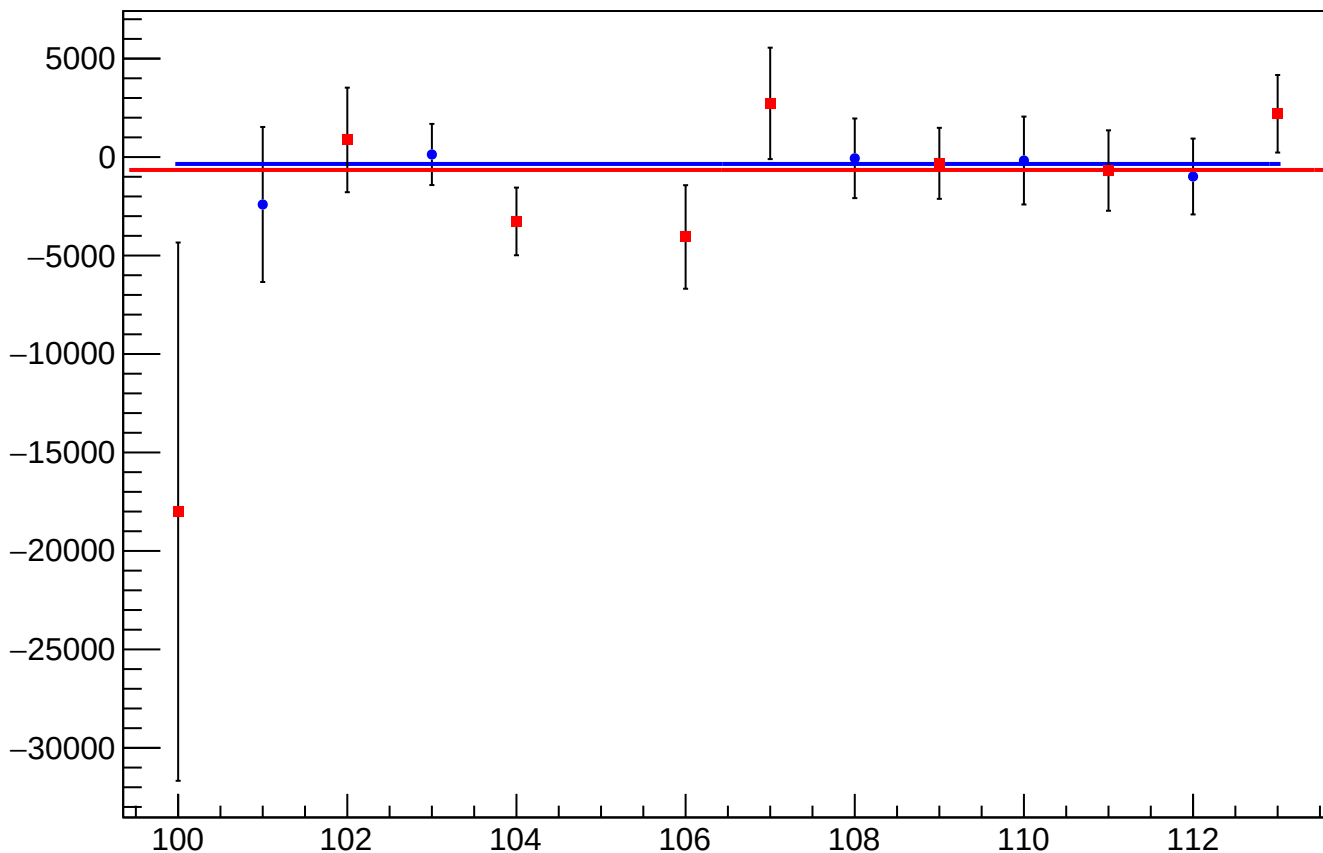
Right: 436.866+/-0.150 χ^2/NDF : 2217681.8/12

In: 463.622+/-0.236 χ^2/NDF : 1057065.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 436.866+/-0.150 χ^2/NDF : 2217681.8/12

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: -654.622+/-800.366 χ^2/NDF : 9.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

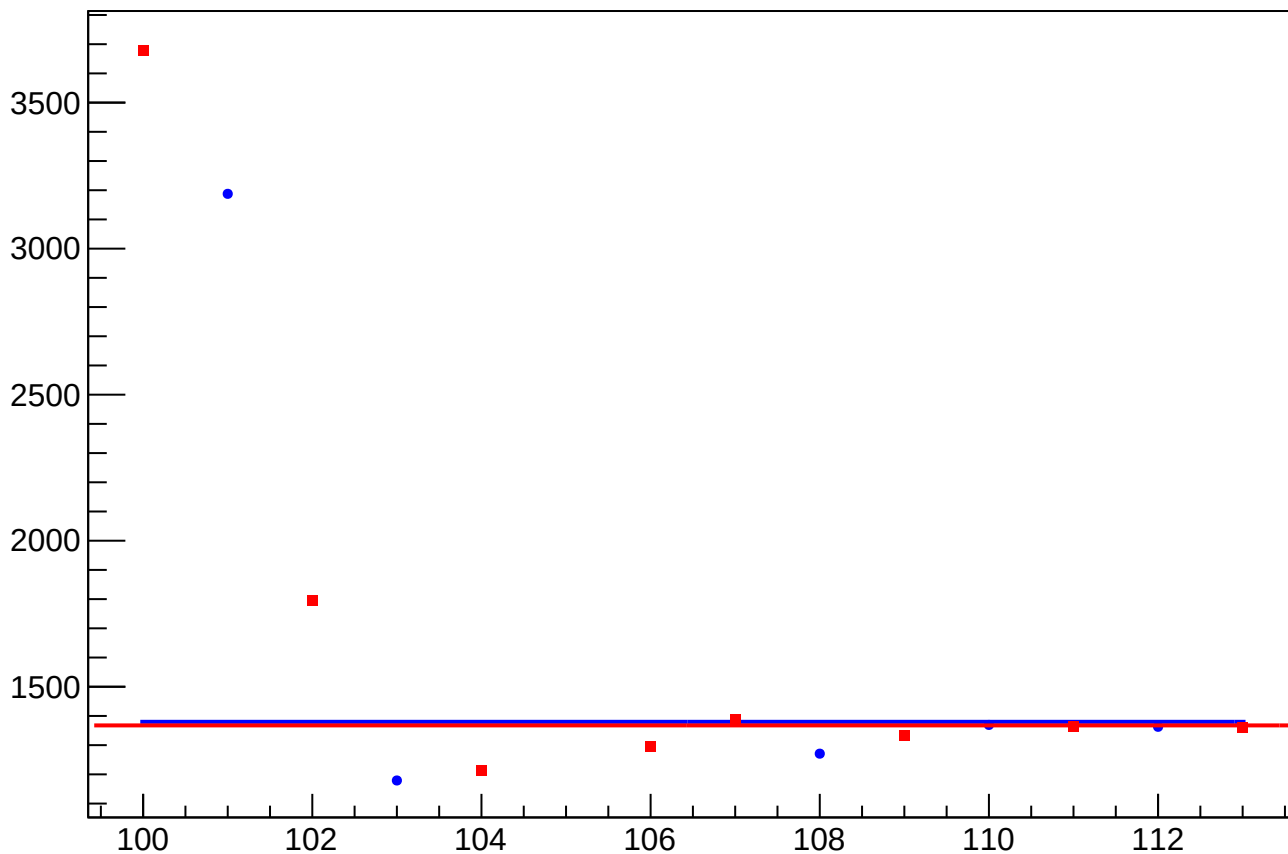
Right: -522.402+/-602.454 χ^2/NDF : 10.1/12

In: -349.551+/-915.113 χ^2/NDF : 0.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -522.402+/-602.454 χ^2/NDF : 10.1/12

dit_asym_atl_avg_atr_avg_dd_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: 1367.613+/-0.566 χ^2/NDF : 127287.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

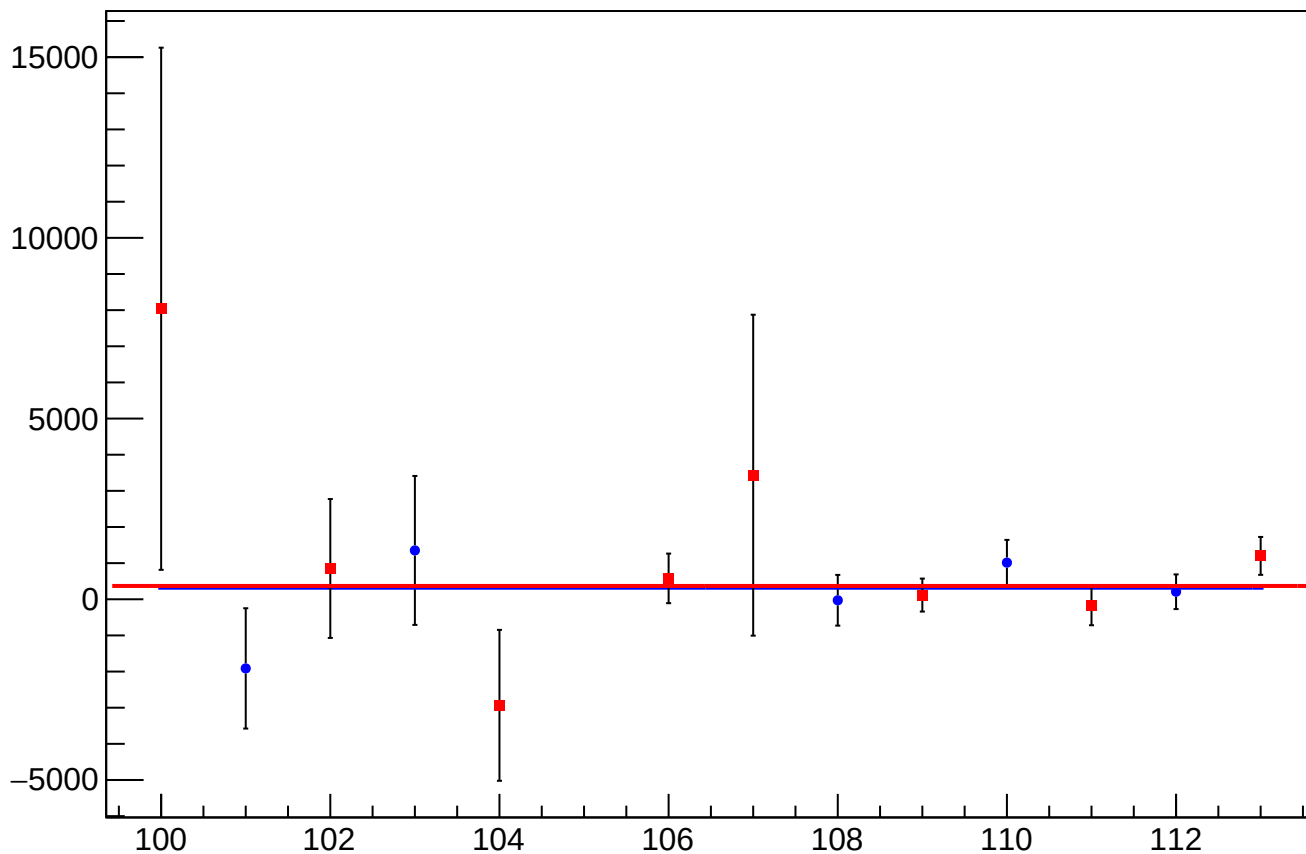
Right: 1372.941+/-0.426 χ^2/NDF : 588810.3/12

In: 1379.906+/-0.647 χ^2/NDF : 461318.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1372.941+/-0.426 χ^2/NDF : 588810.3/12

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: 368.627+/-261.399 χ^2/NDF : 8.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

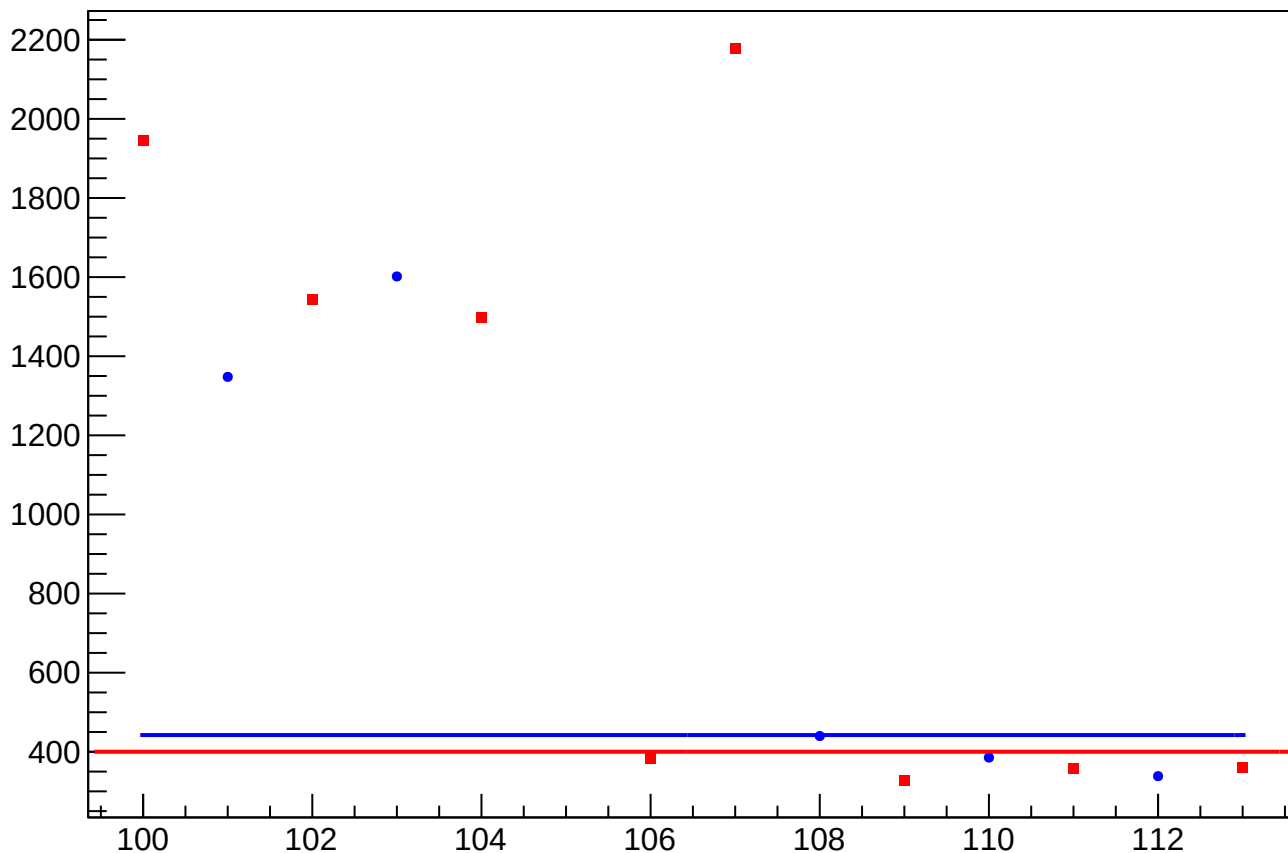
Right: 349.592+/-203.553 χ^2/NDF : 11.7/12

In: 320.268+/-324.444 χ^2/NDF : 3.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 349.592+/-203.553 χ^2/NDF : 11.7/12

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: 400.180+/-0.185 χ^2/NDF : 1750225.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

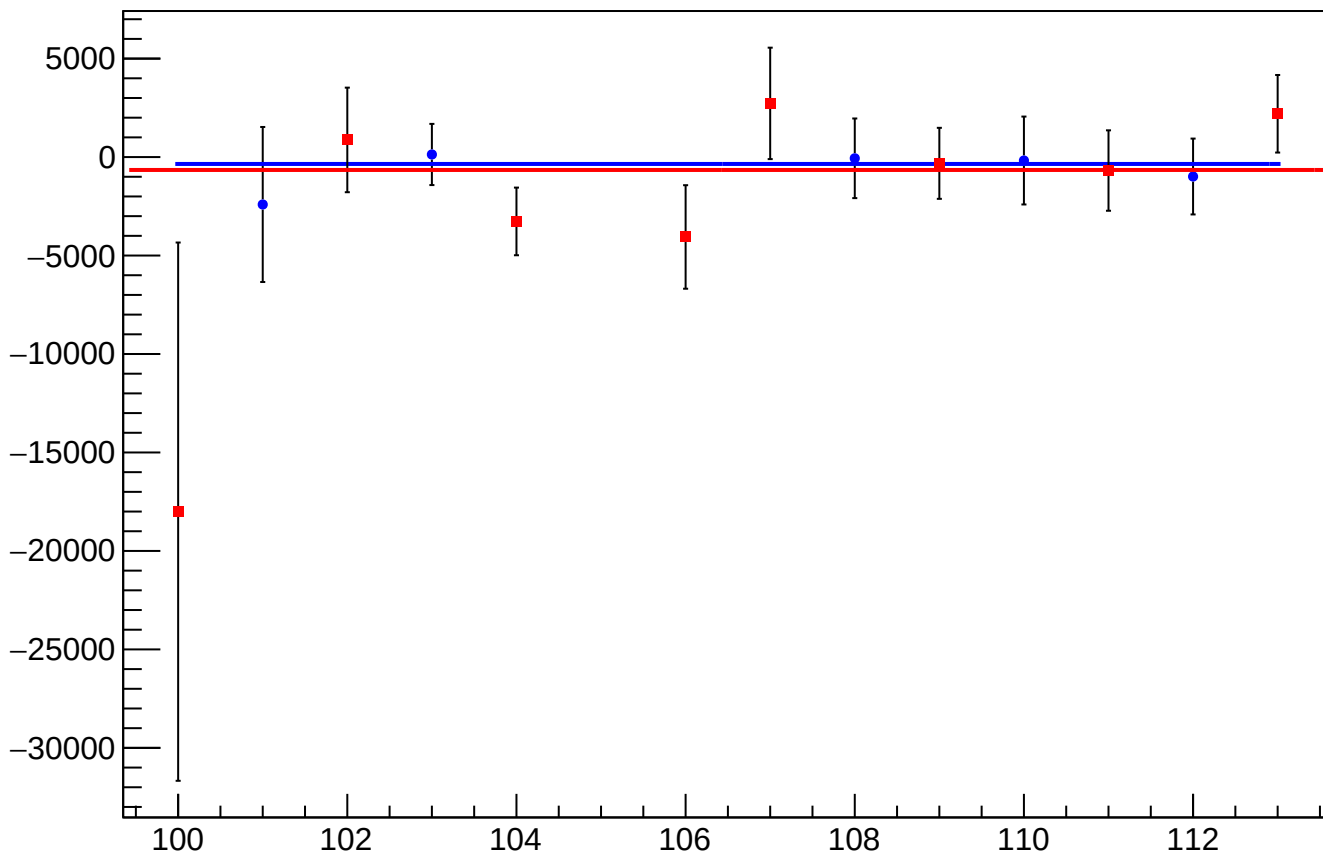
Right: 416.764+/-0.144 χ^2/NDF : 3105752.5/12

In: 442.314+/-0.229 χ^2/NDF : 1335073.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 416.764+/-0.144 χ^2/NDF : 3105752.5/12

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: -654.623+/-800.366 χ^2/NDF : 9.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

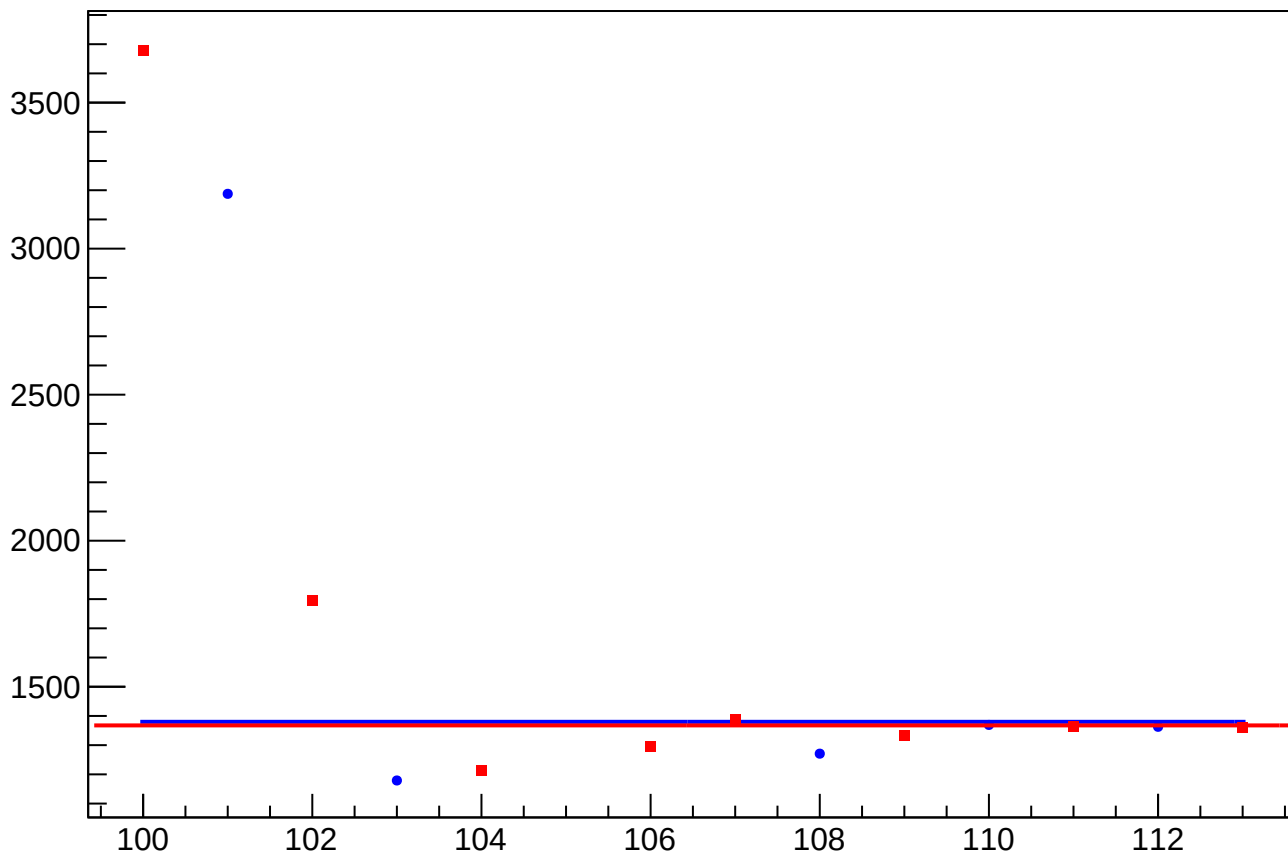
Right: -522.402+/-602.454 χ^2/NDF : 10.1/12

In: -349.549+/-915.113 χ^2/NDF : 0.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -522.402+/-602.454 χ^2/NDF : 10.1/12

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: 1367.613+/-0.566 χ^2/NDF : 127287.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

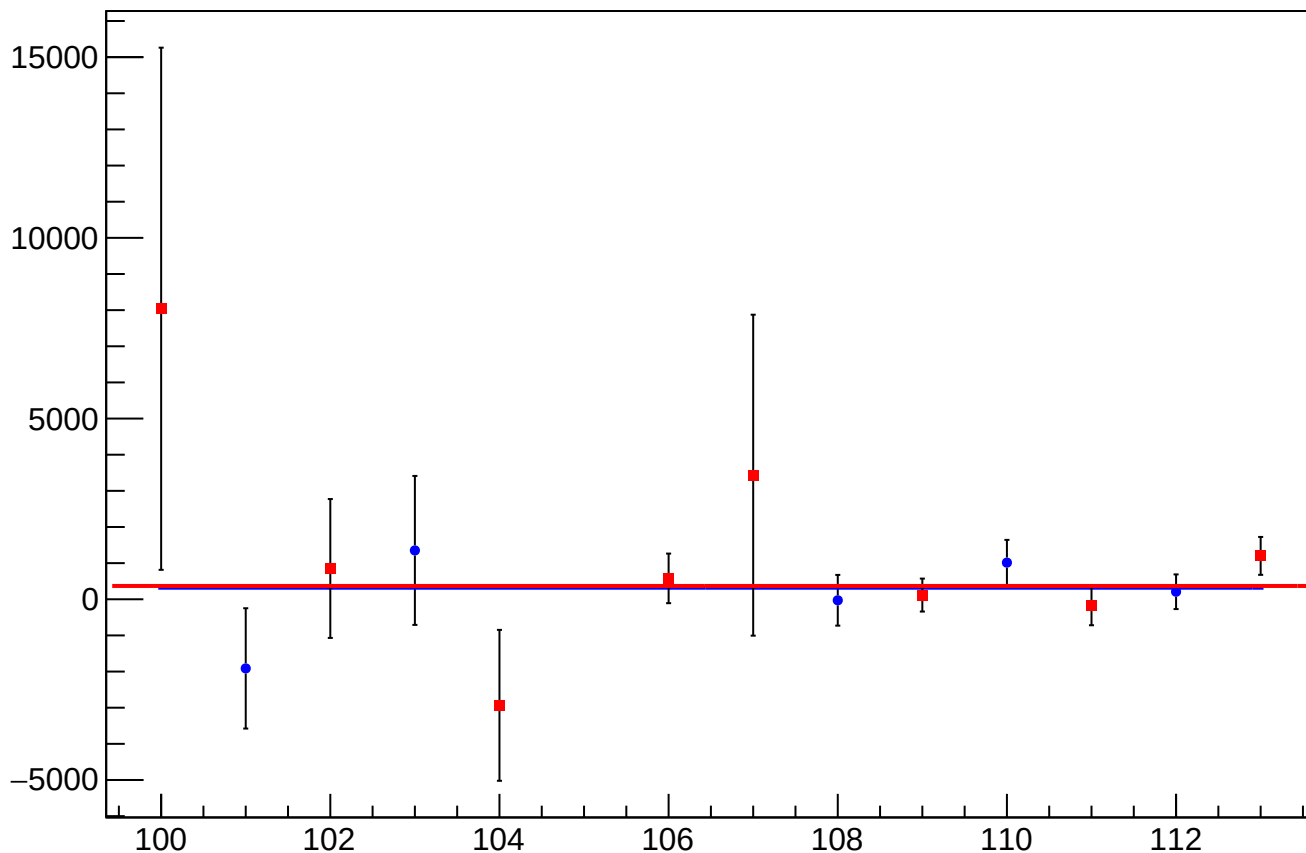
Right: 1372.941+/-0.426 χ^2/NDF : 588810.2/12

In: 1379.906+/-0.647 χ^2/NDF : 461317.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1372.941+/-0.426 χ^2/NDF : 588810.2/12

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: 368.626+/-261.398 χ^2/NDF : 8.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

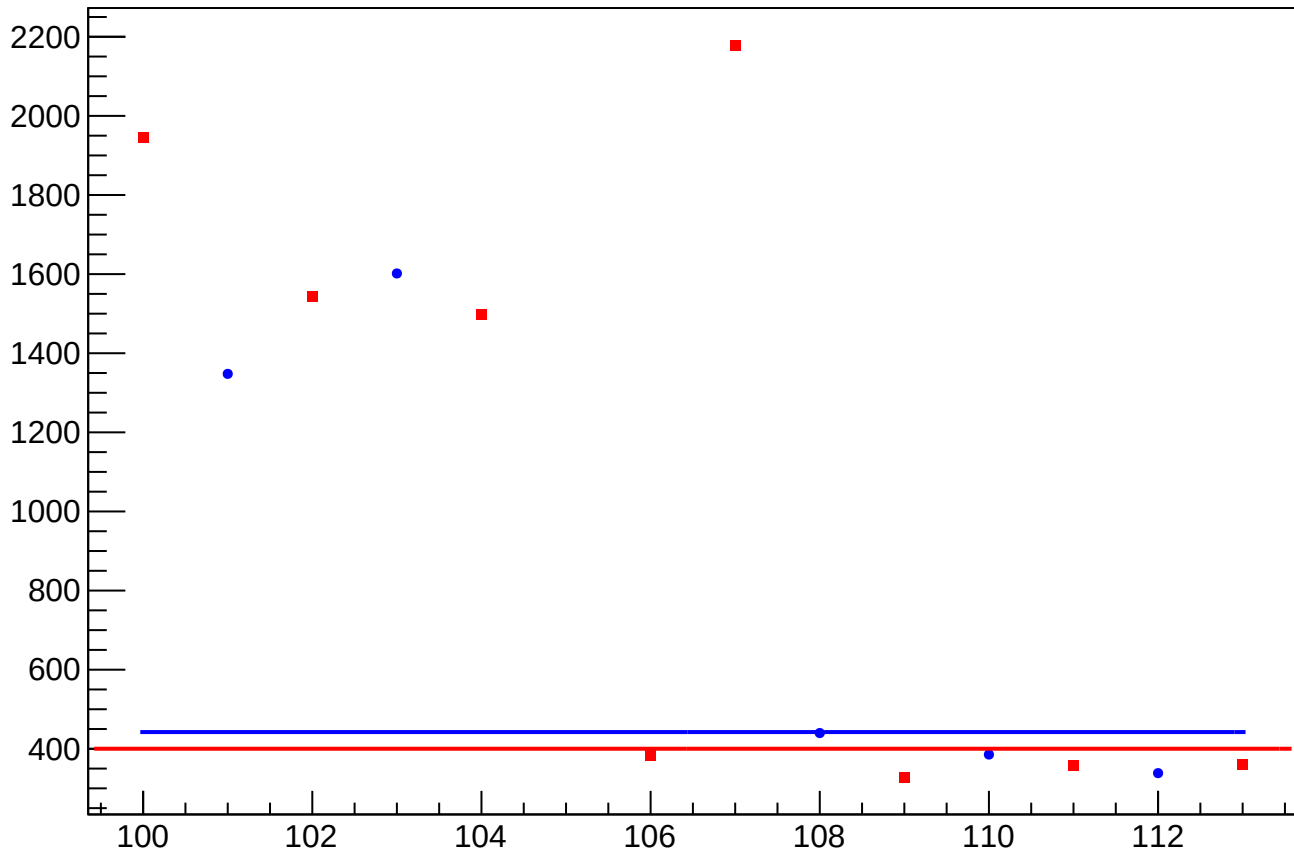
Right: 349.591+/-203.552 χ^2/NDF : 11.7/12

In: 320.267+/-324.441 χ^2/NDF : 3.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 349.591+/-203.552 χ^2/NDF : 11.7/12

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: 400.178+/-0.185 χ^2/NDF : 1750229.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

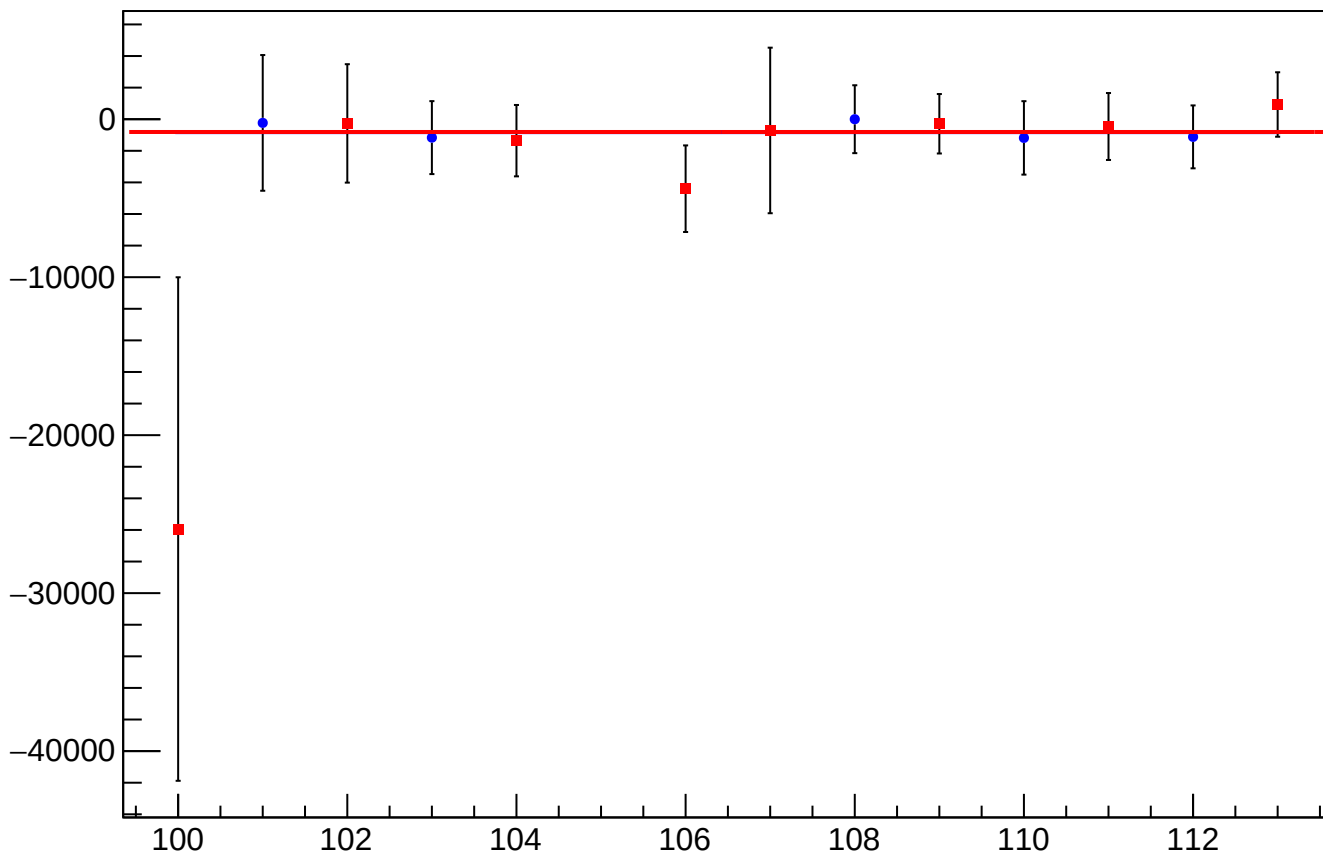
Right: 416.762+/-0.144 χ^2/NDF : 3105758.7/12

In: 442.311+/-0.229 χ^2/NDF : 1335076.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 416.762+/-0.144 χ^2/NDF : 3105758.7/12

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: -808.483+/-918.280 χ^2/NDF : 5.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

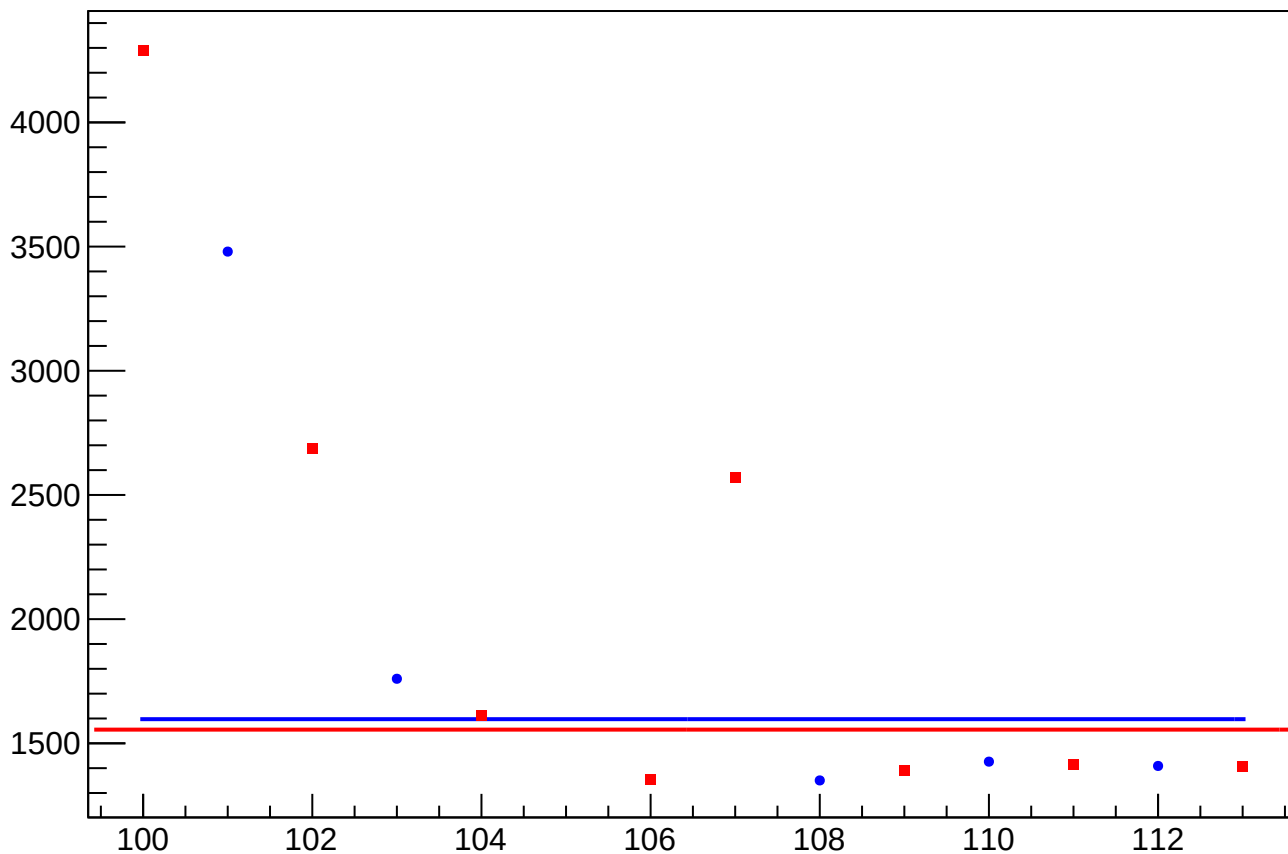
Right: -812.160+/-693.113 χ^2/NDF : 5.3/12

In: -817.027+/-1056.639 χ^2/NDF : 0.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -812.160+/-693.113 χ^2/NDF : 5.3/12

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: 1555.172+/-0.649 χ^2/NDF : 362313.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

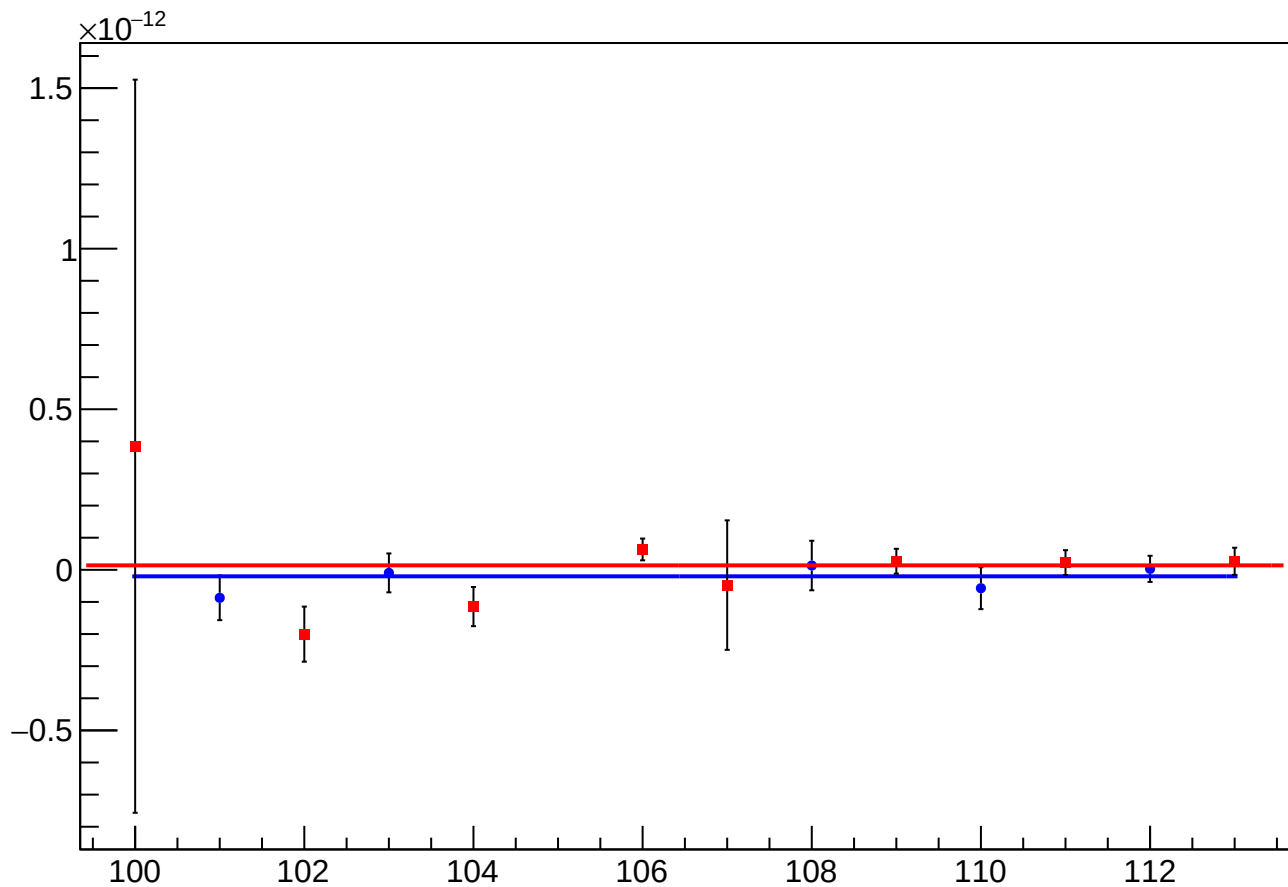
Right: 1573.279+/-0.490 χ^2/NDF : 813279.6/12

In: 1597.255+/-0.747 χ^2/NDF : 449158.7/4

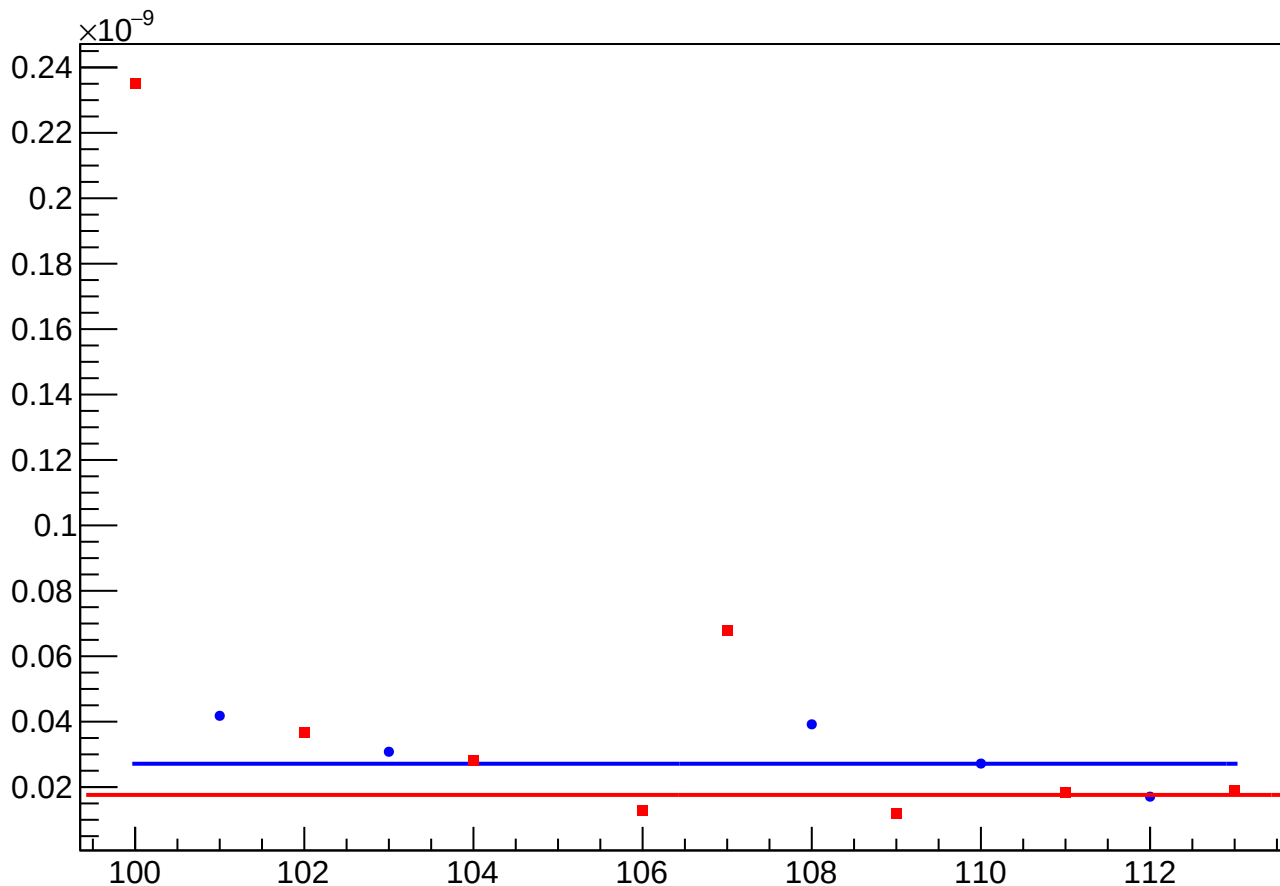
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1573.279+/-0.490 χ^2/NDF : 813279.6/12

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 : 443623.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

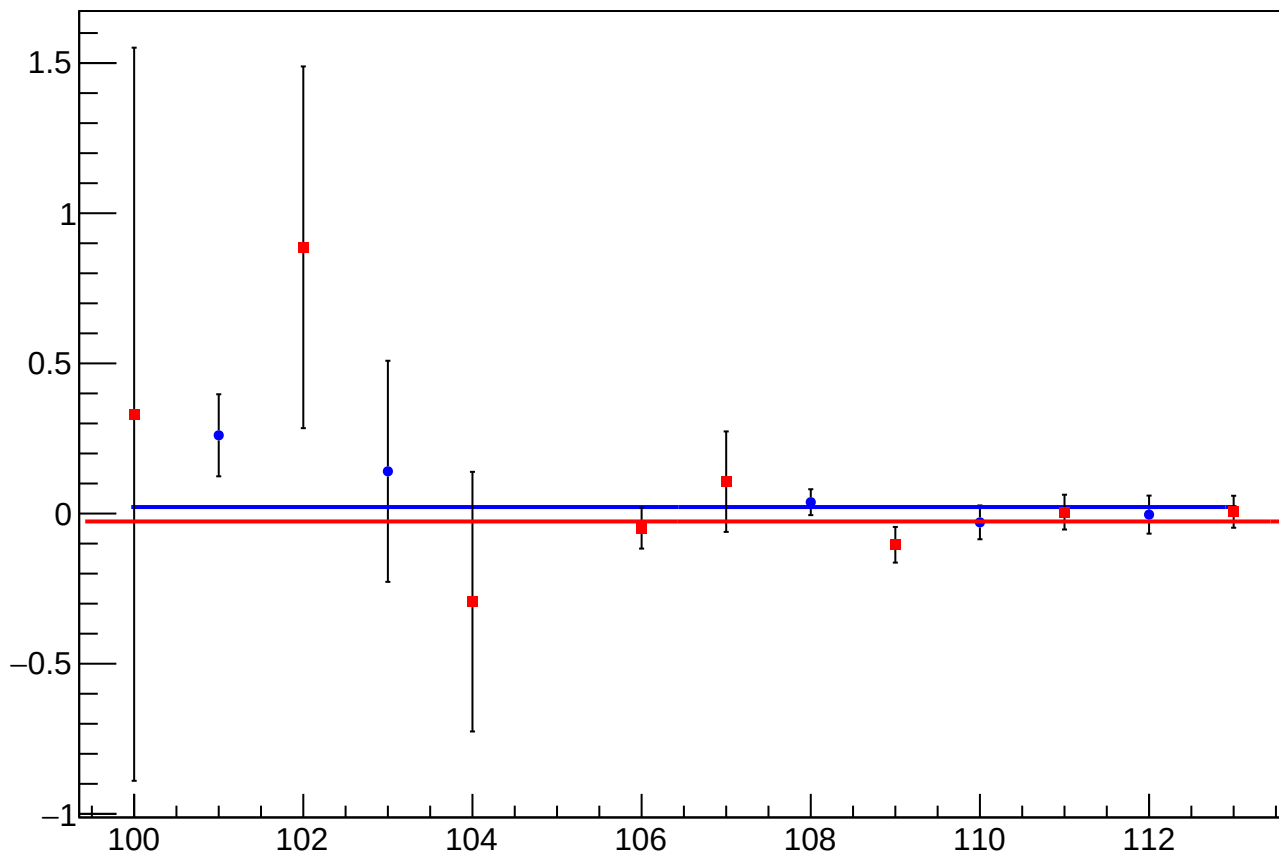
Right: 0.000+/-0.000 χ^2/NDF : 895489.4/12

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 : 895489.4/12

asym_atl_avg_atr_avg_dd_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: -0.026 $\pm$ 0.029 χ^2 /NDF: 5.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

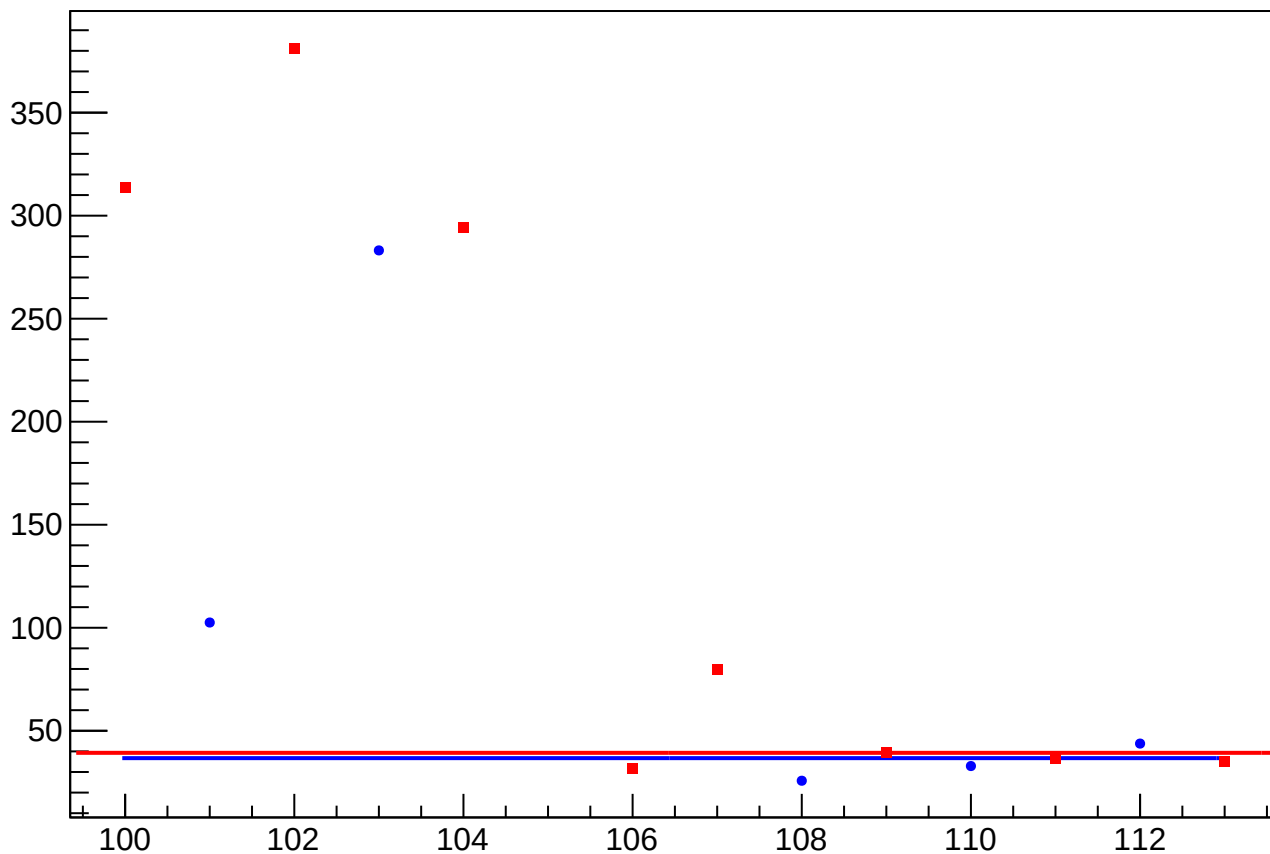
Right: -0.003 $\pm$ 0.021 χ^2 /NDF: 11.5/12

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: -0.003 $\pm$ 0.021 χ^2 /NDF: 11.5/12

asym_atl_avg_atr_avg_dd_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: 39.301 $\pm$ 0.020 χ^2 /NDF: 1599394.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

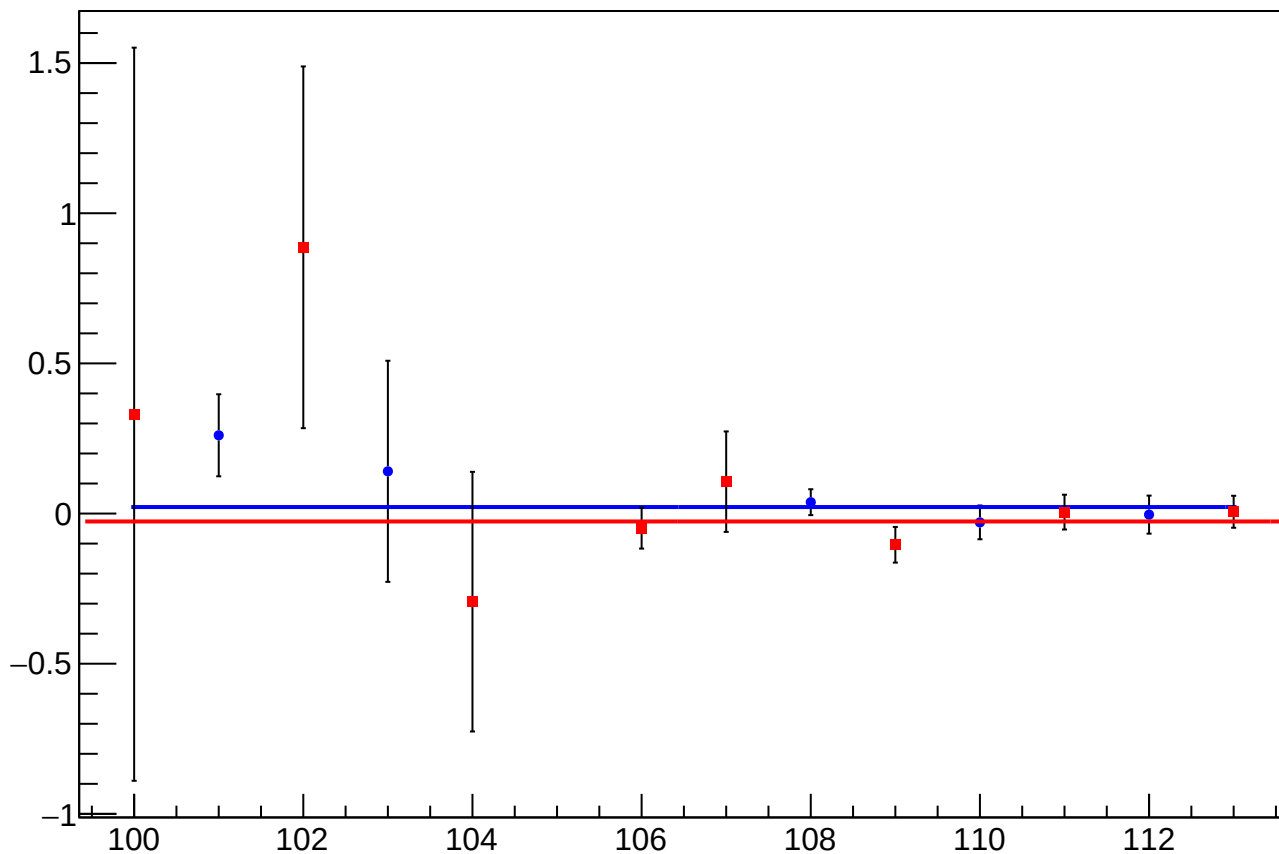
Right: 38.027 $\pm$ 0.015 χ^2 /NDF: 3131431.4/12

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: 38.027 $\pm$ 0.015 χ^2 /NDF: 3131431.4/12

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: -0.026 $\pm$ 0.029 χ^2 /NDF: 5.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

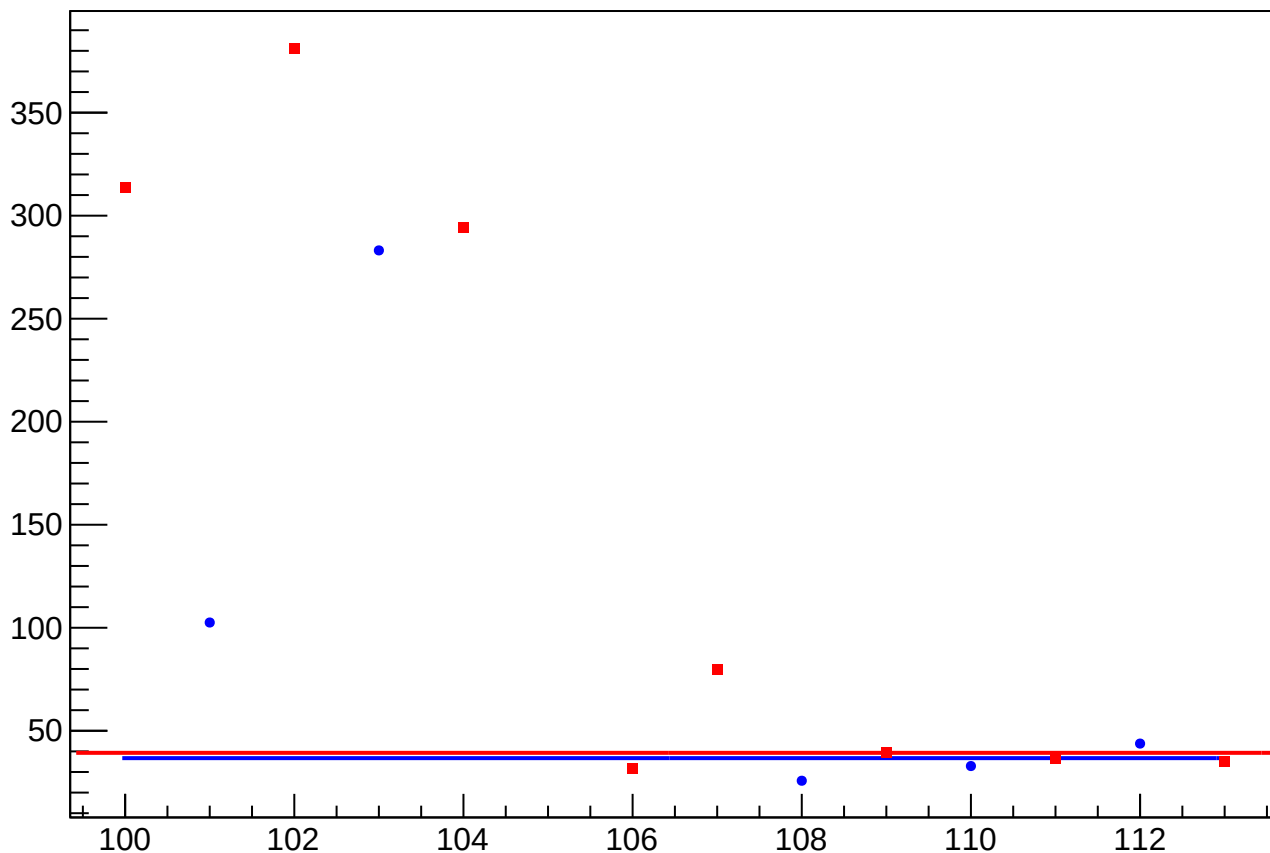
Right: -0.003 $\pm$ 0.021 χ^2 /NDF: 11.5/12

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: -0.003 $\pm$ 0.021 χ^2 /NDF: 11.5/12

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: 39.301+/-0.020 χ^2/NDF : 1599394.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

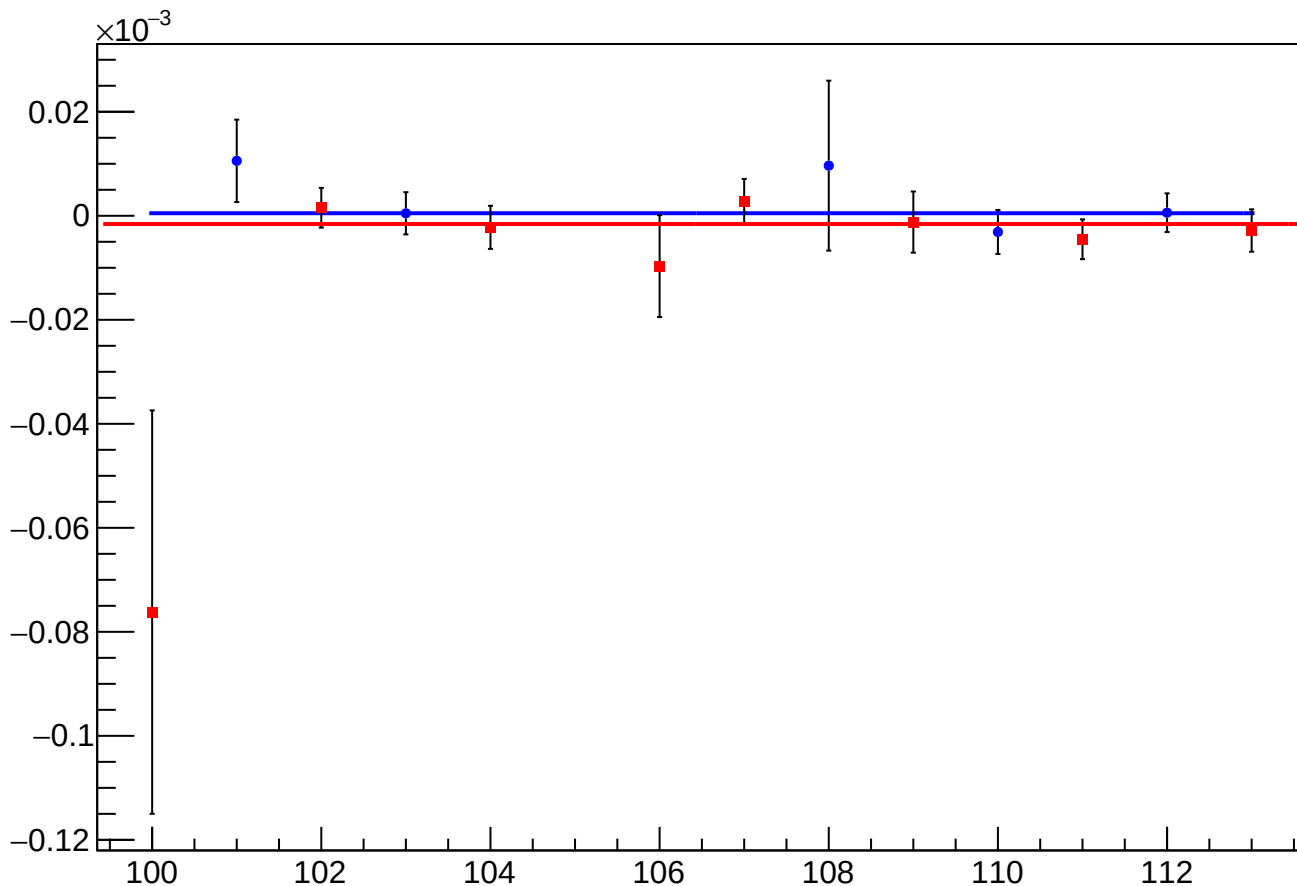
Right: 38.027+/-0.015 χ^2/NDF : 3131431.4/12

In: 36.720+/-0.021 χ^2/NDF : 1524187.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.027+/-0.015 χ^2/NDF : 3131431.4/12

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: 6.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

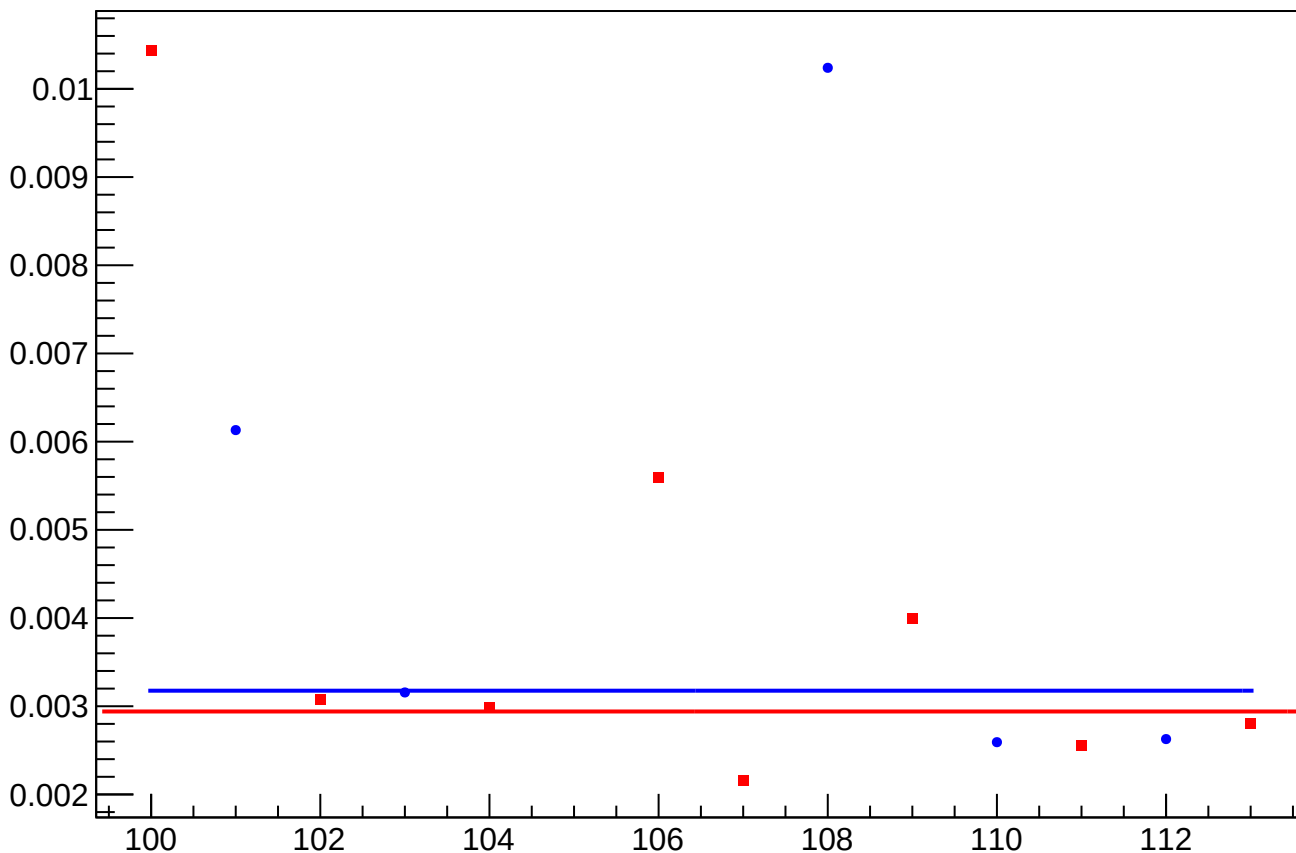
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.9/12

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: 9.9/12

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 : 373938.5/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

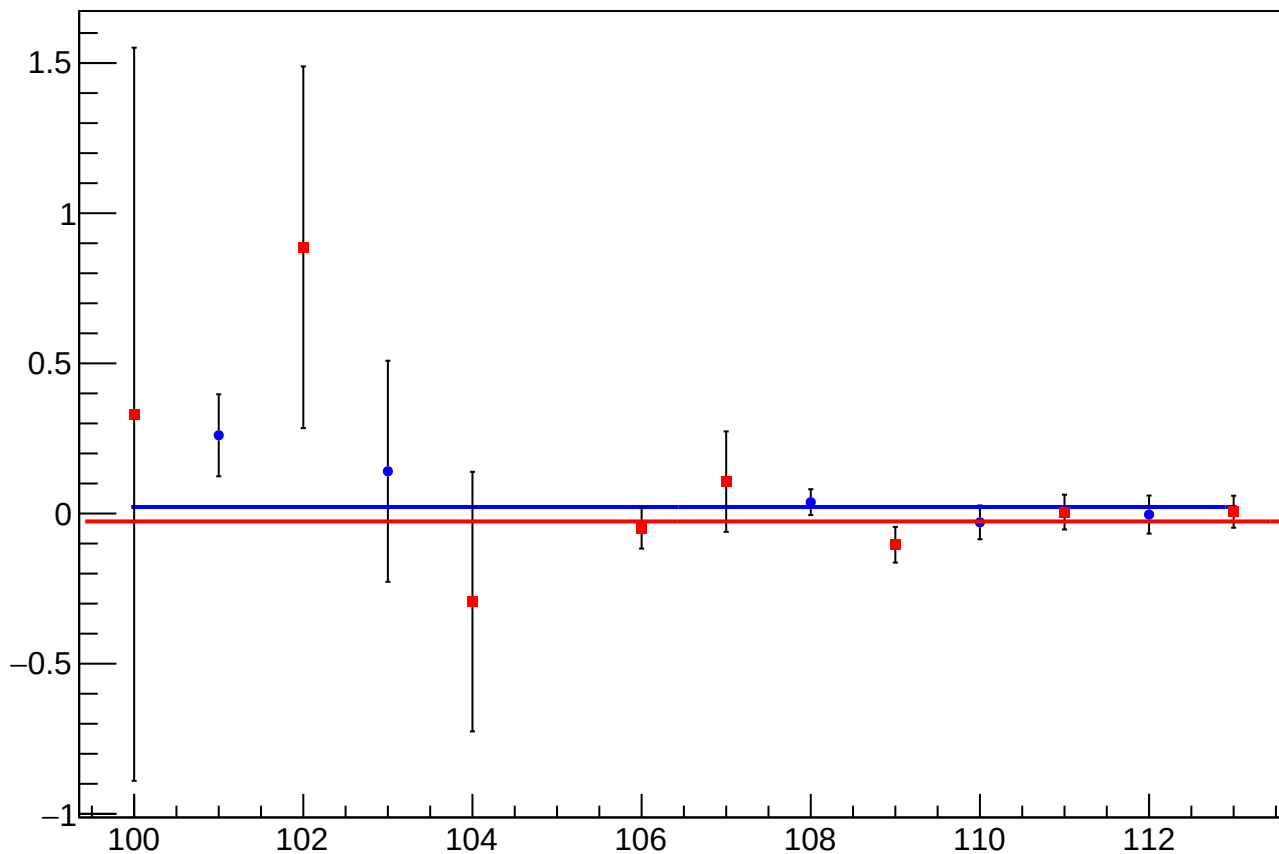
Right: 0.003+/-0.000 χ^2/NDF : 1122027.5/12

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 : 1122027.5/12

asym_atl_avg_atr_avg_dd_eigen_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: -0.026 $\pm$ 0.029 χ^2 /NDF: 5.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

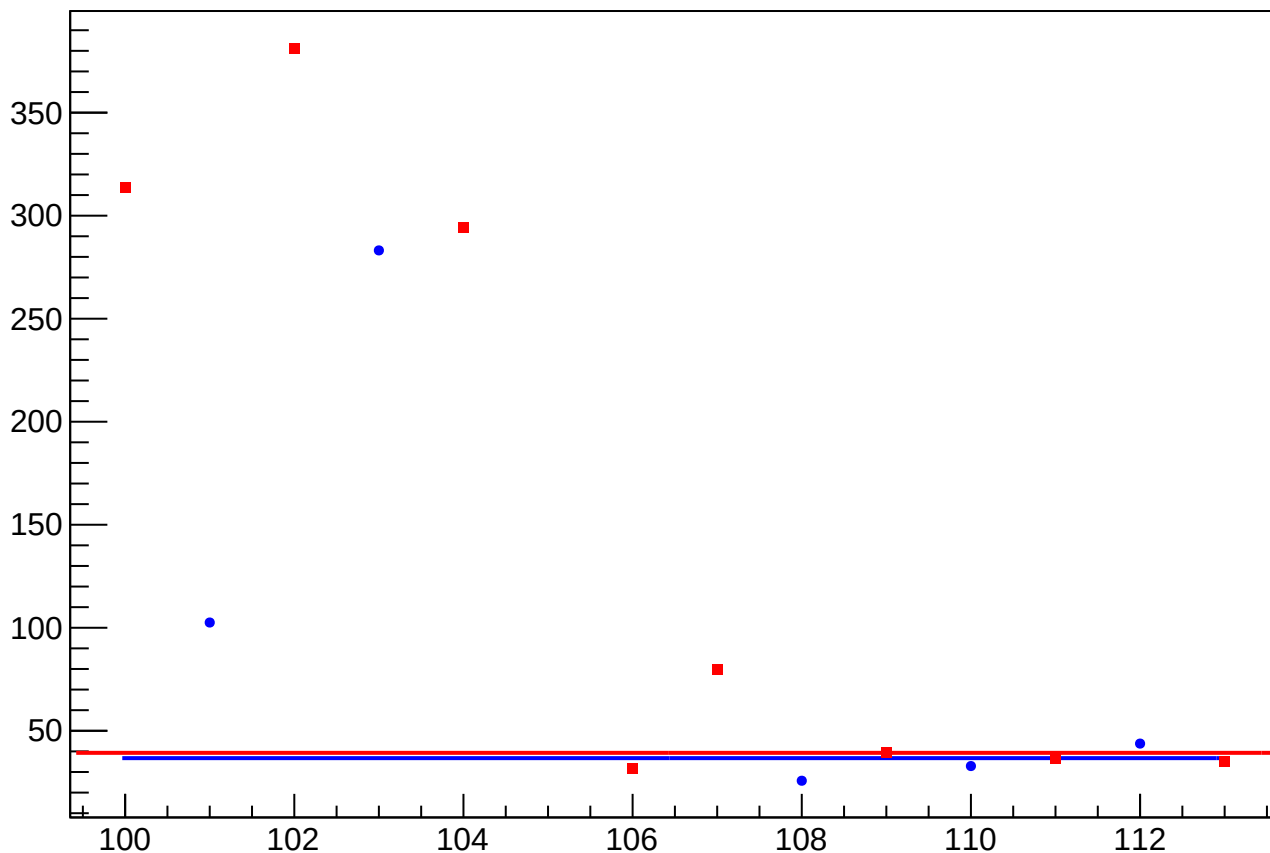
Right: -0.003 $\pm$ 0.021 χ^2 /NDF: 11.5/12

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: -0.003 $\pm$ 0.021 χ^2 /NDF: 11.5/12

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: 39.301+/-0.020 χ^2/NDF : 1599383.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

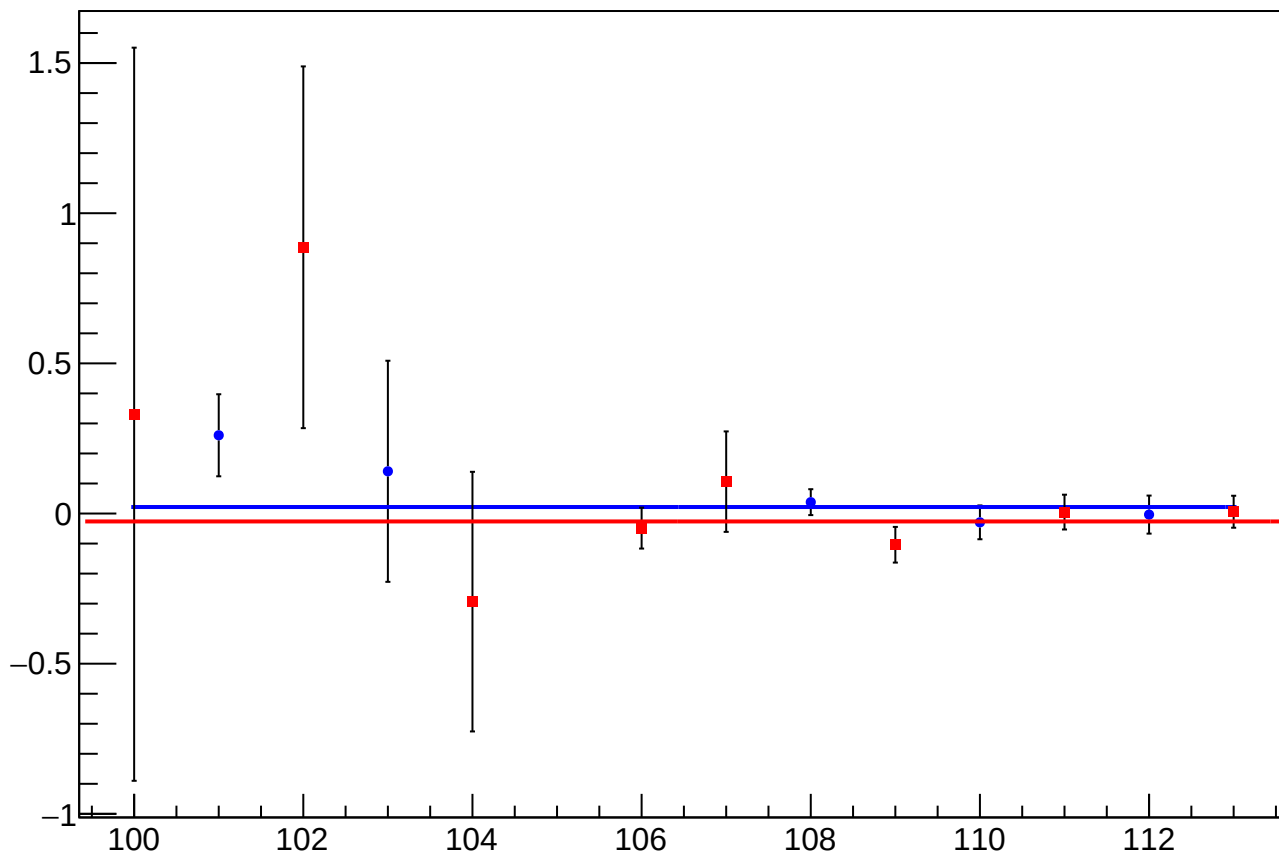
Right: 38.028+/-0.015 χ^2/NDF : 3131319.6/12

In: 36.723+/-0.021 χ^2/NDF : 1524099.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.028+/-0.015 χ^2/NDF : 3131319.6/12

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: -0.026 $\pm$ 0.029 χ^2 /NDF: 5.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

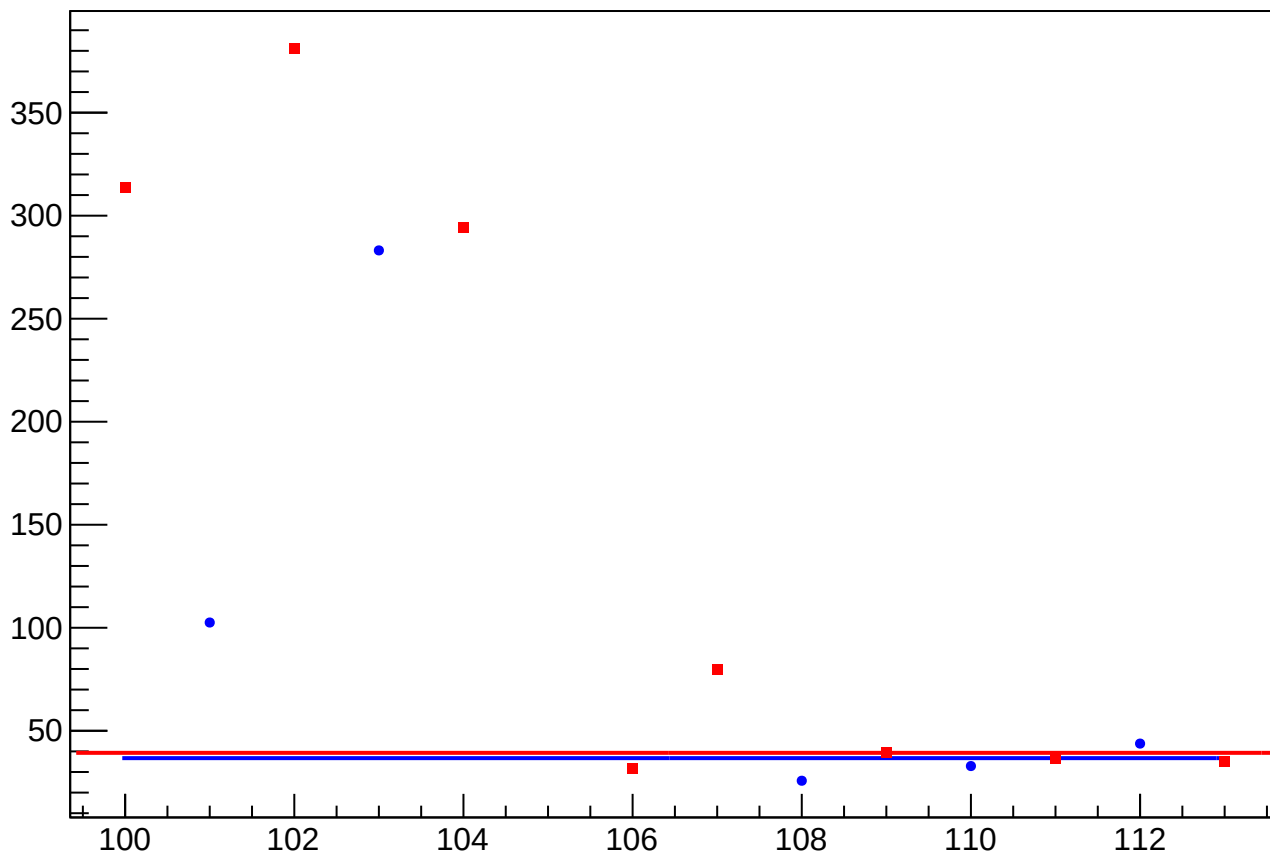
Right: -0.003 $\pm$ 0.021 χ^2 /NDF: 11.5/12

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: -0.003 $\pm$ 0.021 χ^2 /NDF: 11.5/12

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: 39.301+/-0.020 χ^2/NDF : 1599383.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

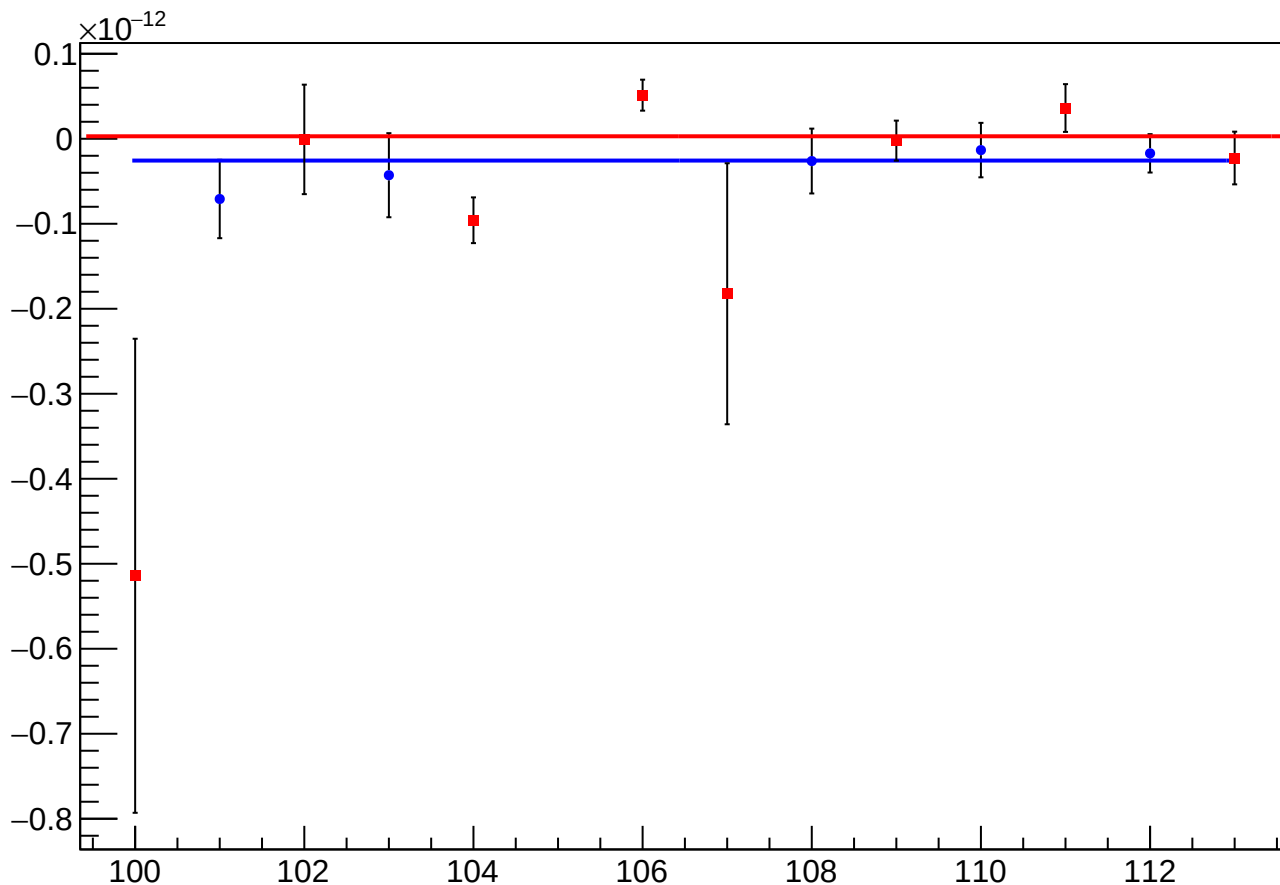
Right: 38.028+/-0.015 χ^2/NDF : 3131319.6/12

In: 36.723+/-0.021 χ^2/NDF : 1524099.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.028+/-0.015 χ^2/NDF : 3131319.6/12

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: 27.5/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

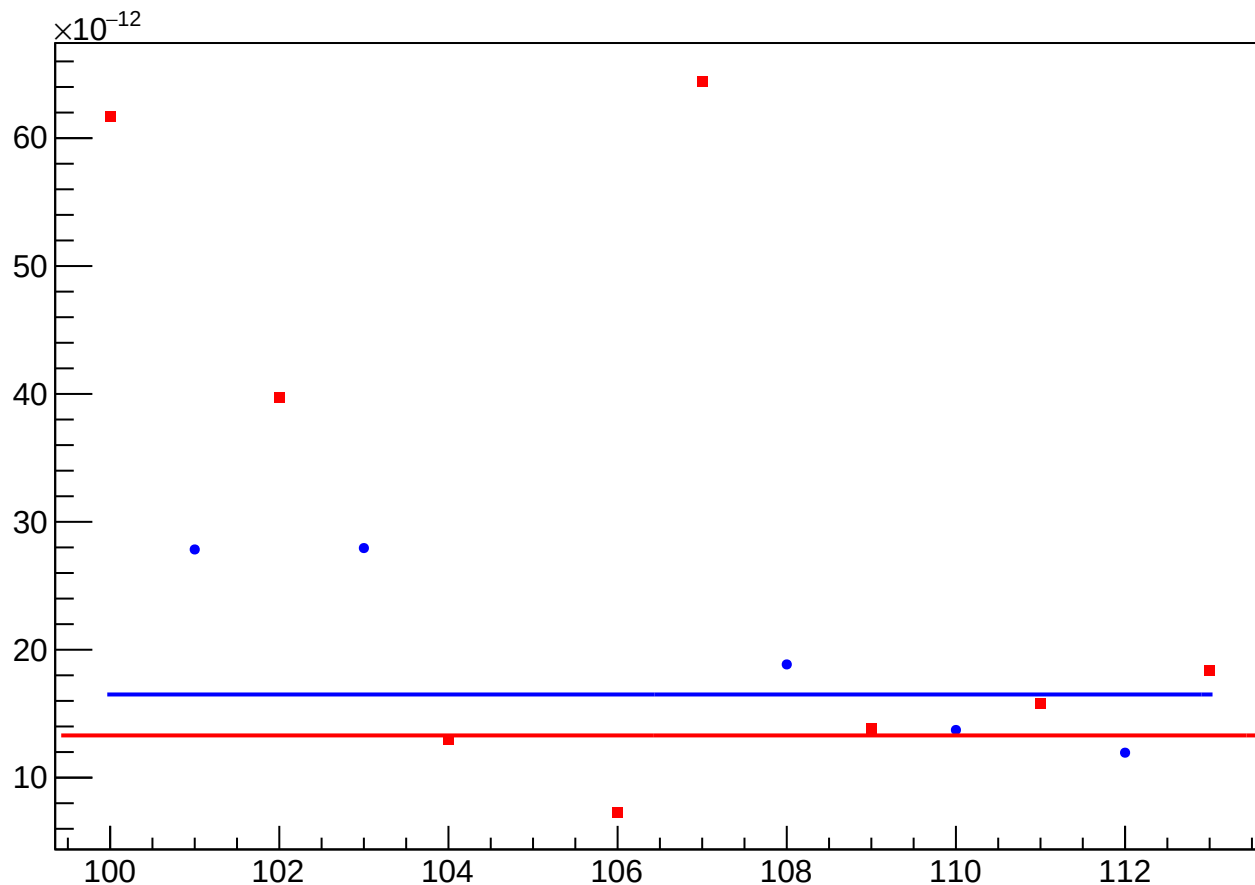
Right: -0.000+/-0.000 χ^2 /NDF: 31.4/12

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: 31.4/12

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 : 909950.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

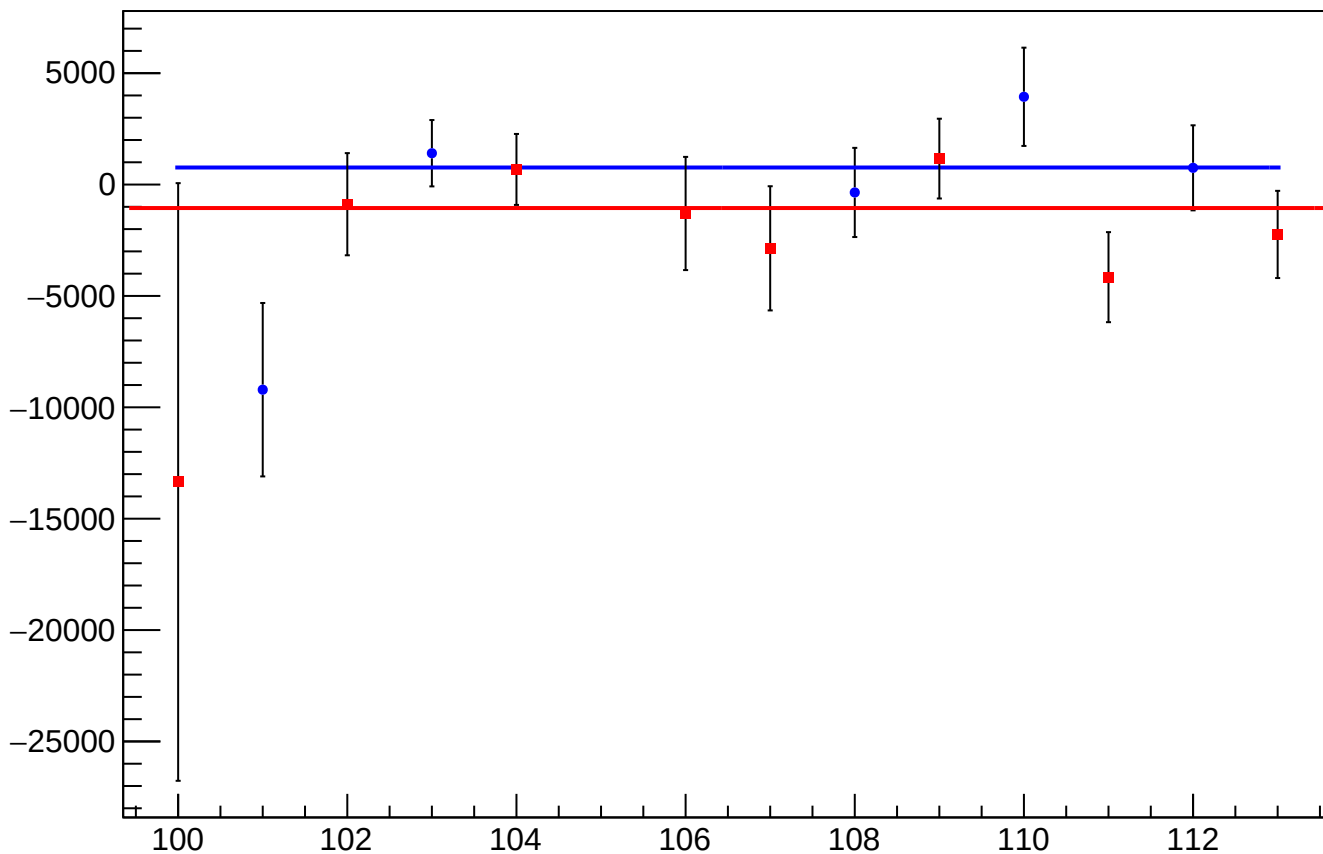
Right: 0.000+/-0.000 χ^2/NDF : 1302880.8/12

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 : 1302880.8/12

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: -1054.210+/-769.011 χ^2/NDF : 6.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

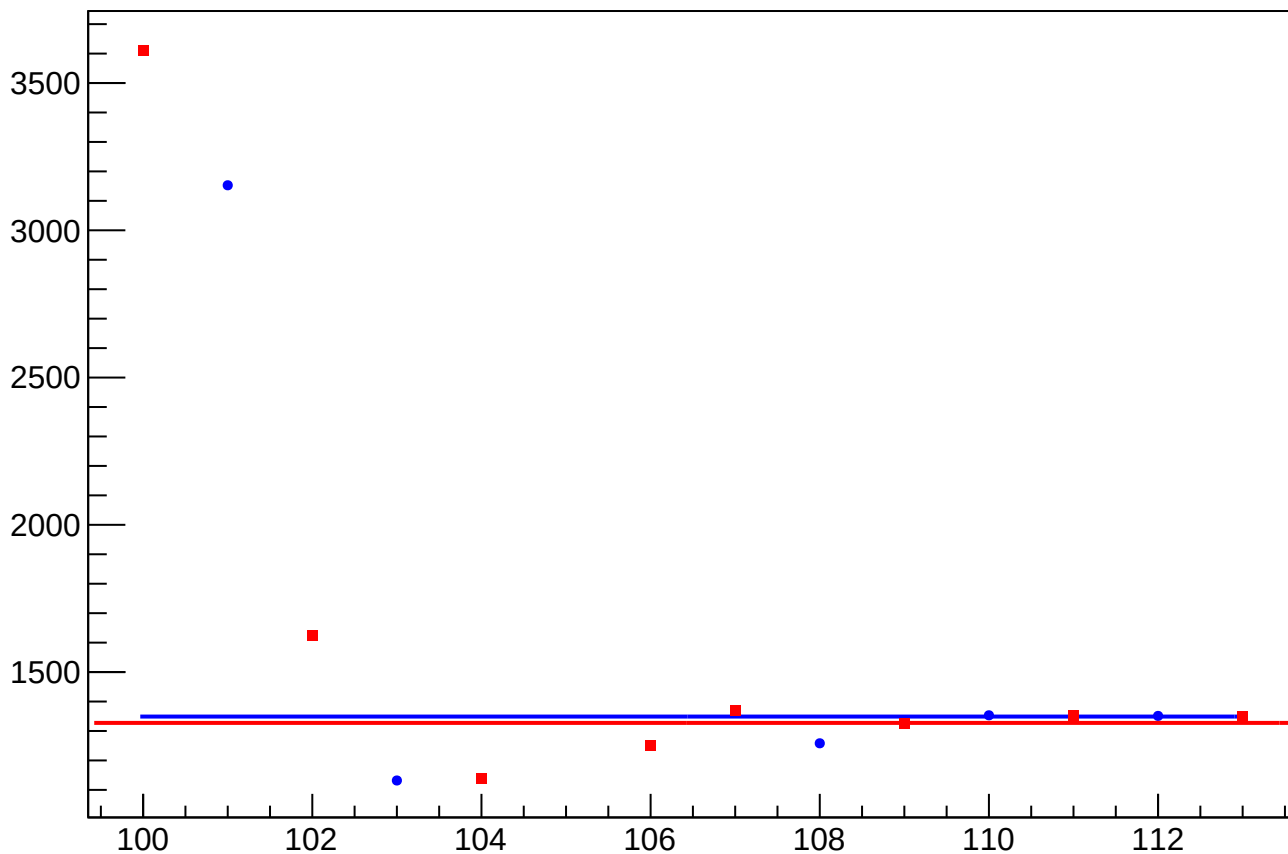
Right: -282.084+/-583.490 χ^2/NDF : 18.2/12

In: 765.583+/-895.778 χ^2/NDF : 9.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -282.084+/-583.490 χ^2/NDF : 18.2/12

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: 1327.452+/-0.544 χ^2/NDF : 121837.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

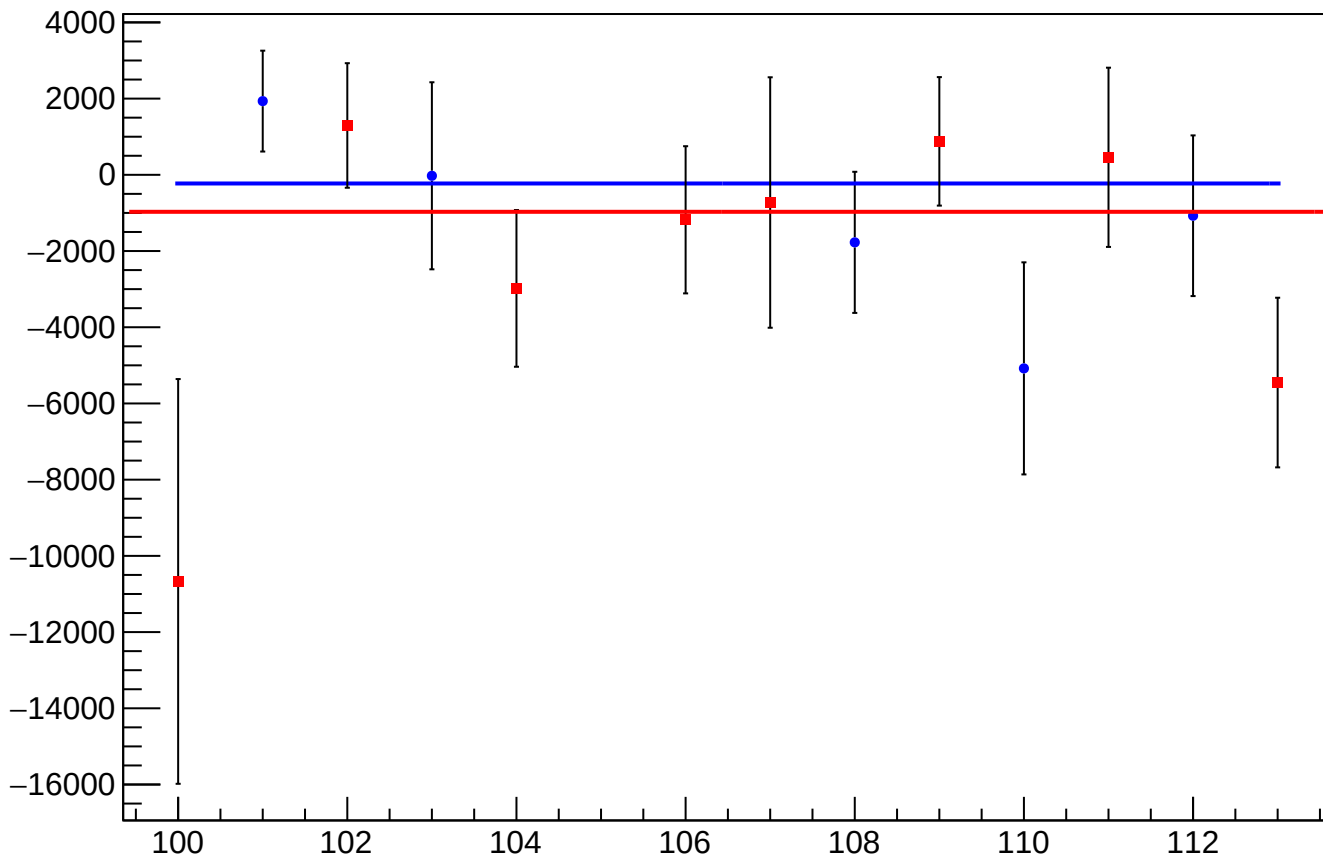
Right: 1336.585+/-0.413 χ^2/NDF : 598502.9/12

In: 1348.976+/-0.633 χ^2/NDF : 476000.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1336.585+/-0.413 χ^2/NDF : 598502.9/12

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: -970.620+/-757.814 χ^2/NDF : 11.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

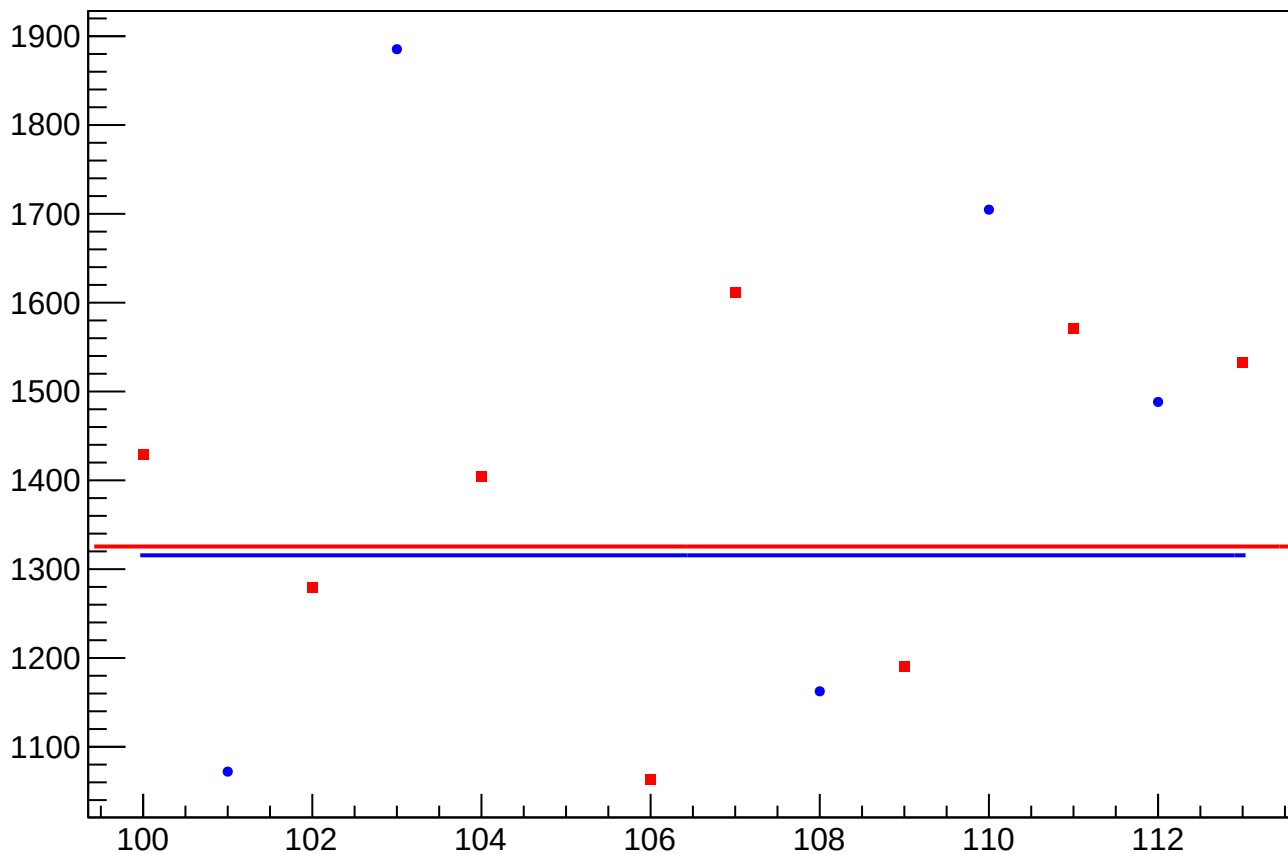
Right: -641.656+/-565.783 χ^2/NDF : 18.9/12

In: -227.352+/-850.449 χ^2/NDF : 6.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -641.656+/-565.783 χ^2/NDF : 18.9/12

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: 1325.516+/-0.536 χ^2/NDF : 109104.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

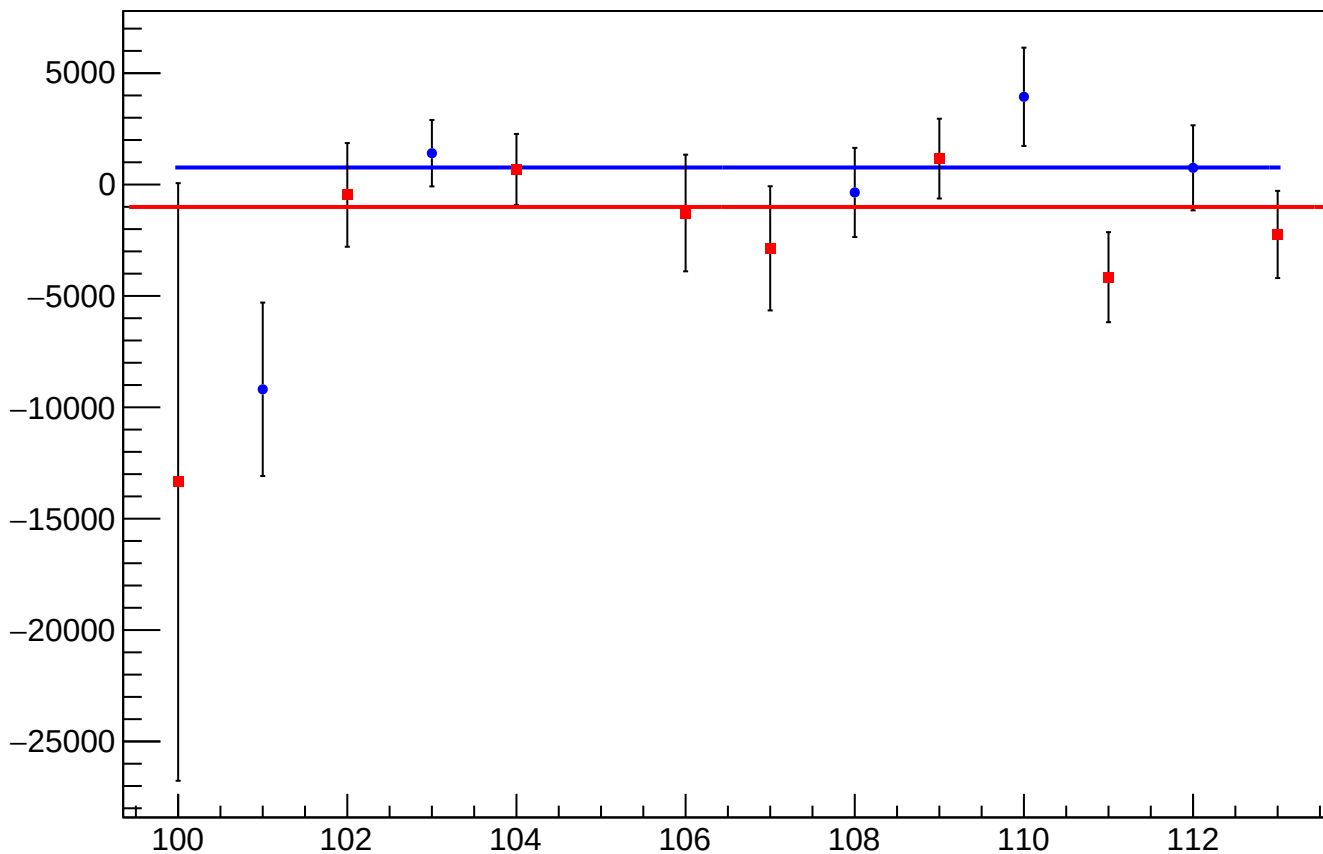
Right: 1321.124+/-0.400 χ^2/NDF : 350932.3/12

In: 1315.592+/-0.601 χ^2/NDF : 241675.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1321.124+/-0.400 χ^2/NDF : 350932.3/12

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: -1006.047+/-772.375 χ^2/NDF : 6.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

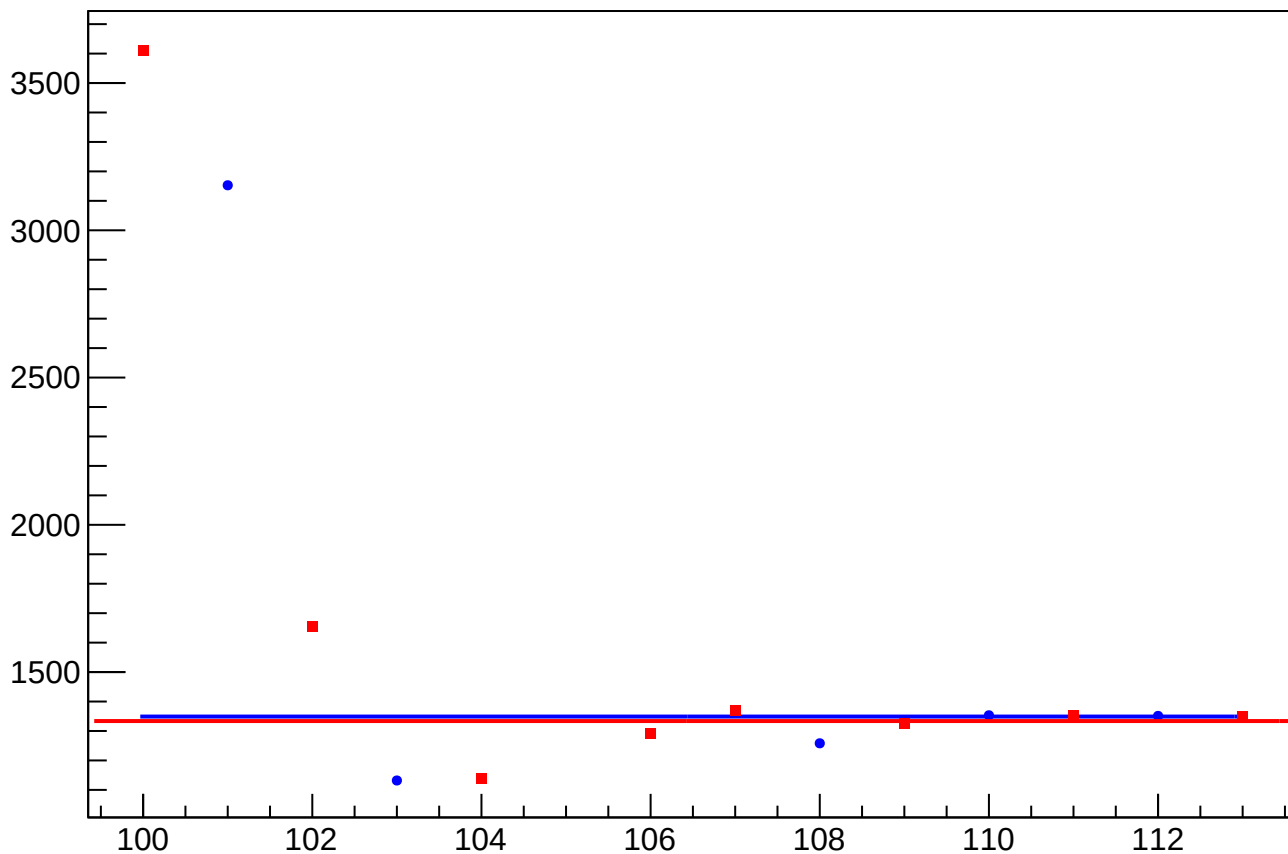
Right: -250.188+/-584.955 χ^2/NDF : 18.1/12

In: 766.495+/-895.778 χ^2/NDF : 9.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -250.188+/-584.955 χ^2/NDF : 18.1/12

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: 1333.742+/-0.546 χ^2/NDF : 126564.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

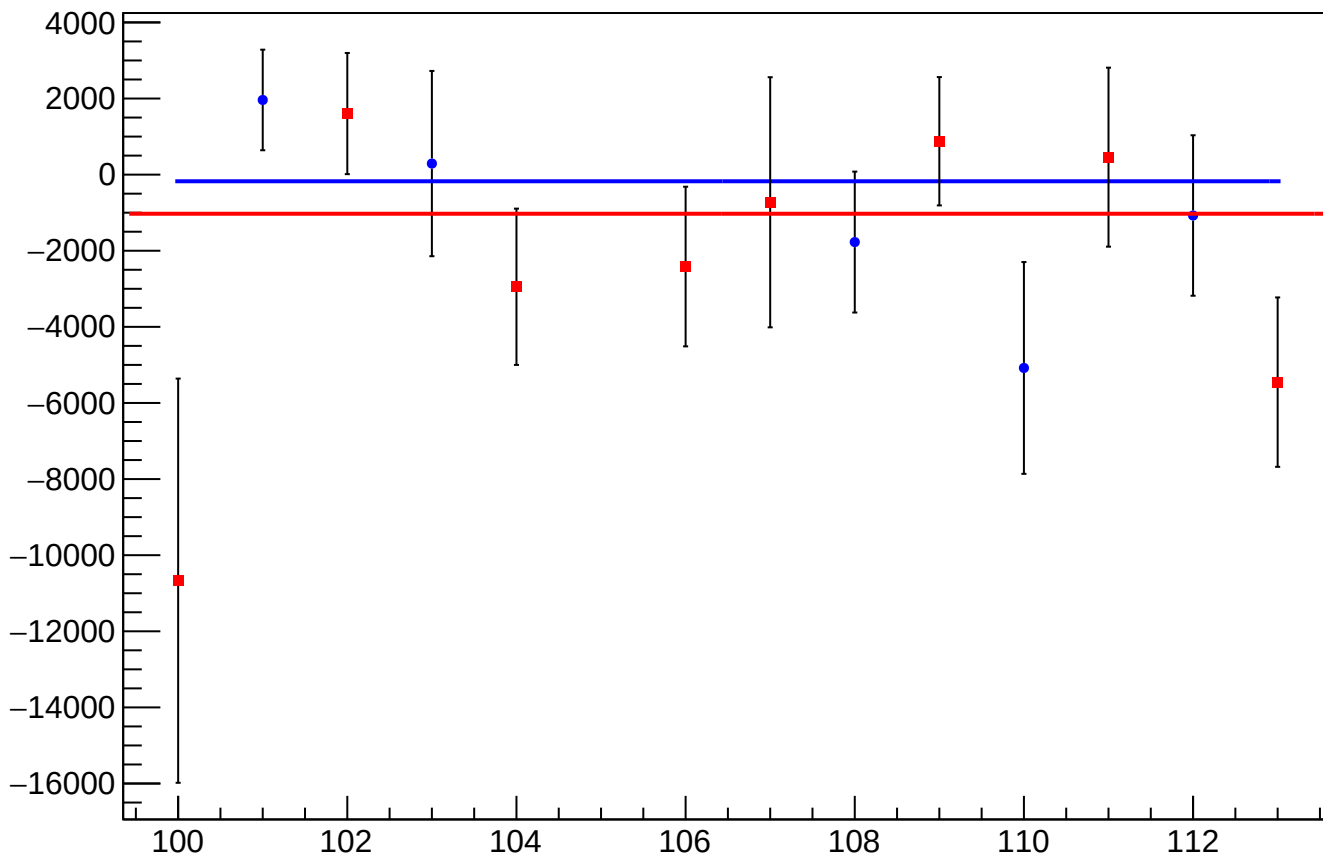
Right: 1340.238+/-0.414 χ^2/NDF : 602898.4/12

In: 1348.976+/-0.633 χ^2/NDF : 476002.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1340.238+/-0.414 χ^2/NDF : 602898.4/12

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: -1027.624+/-762.202 χ^2 /NDF: 13.0/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

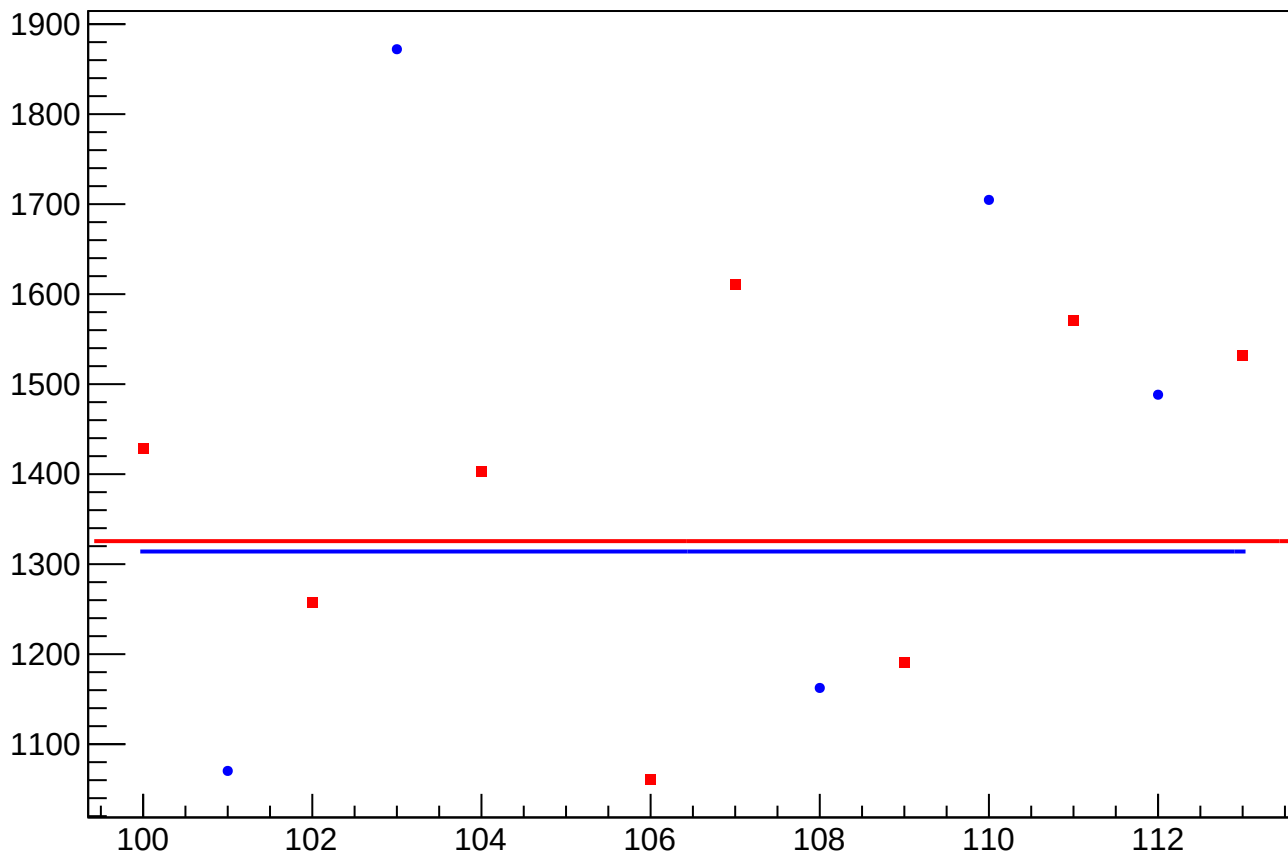
Right: -646.754+/-567.184 χ^2 /NDF: 20.2/12

In: -174.146+/-849.047 χ^2 /NDF:6.7/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -646.754+/-567.184 χ^2 /NDF: 20.2/12

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: 1325.579+/-0.539 χ^2/NDF : 106024.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

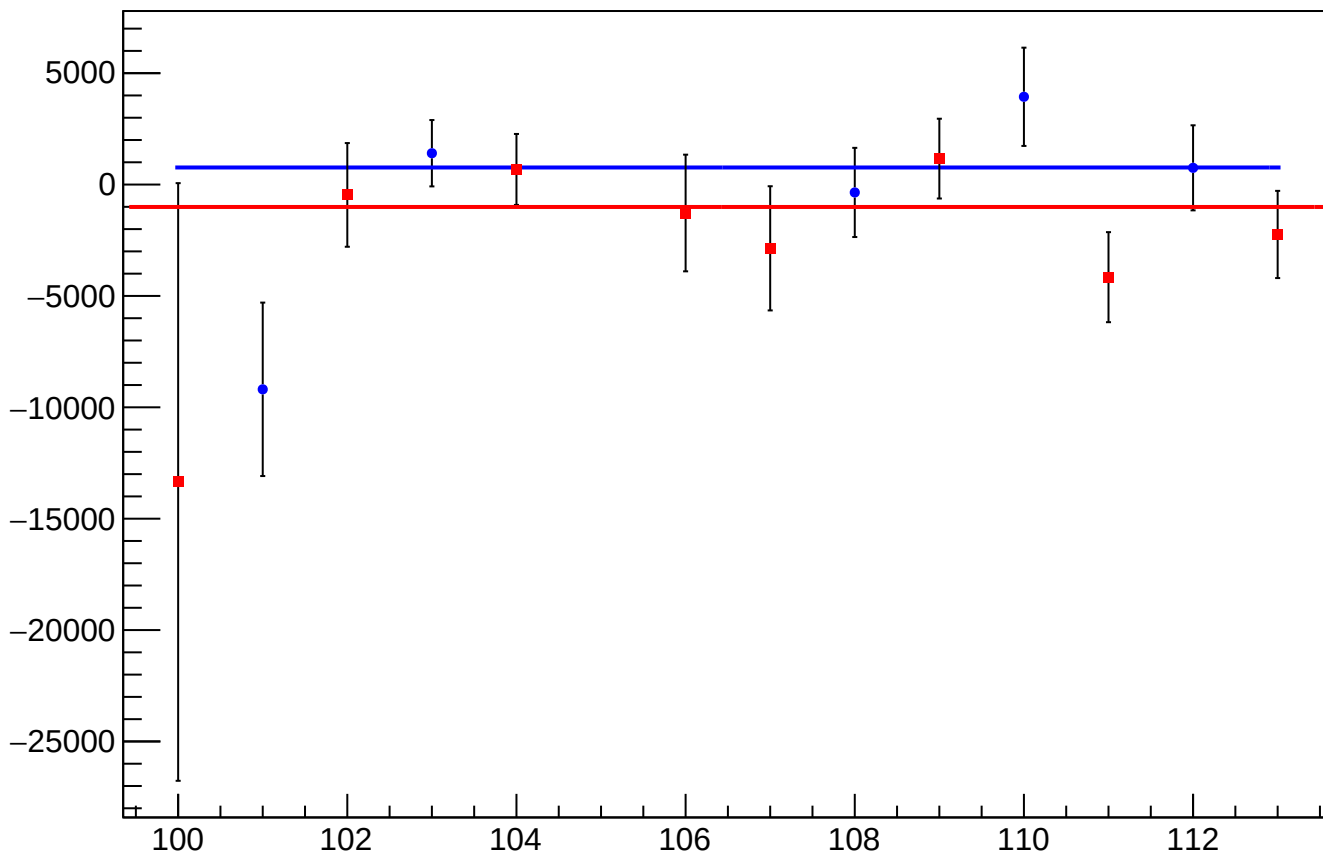
Right: 1320.441+/-0.401 χ^2/NDF : 345884.0/12

In: 1314.065+/-0.600 χ^2/NDF : 239656.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1320.441+/-0.401 χ^2/NDF : 345884.0/12

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: -1006.047+/-772.375 χ^2/NDF : 6.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

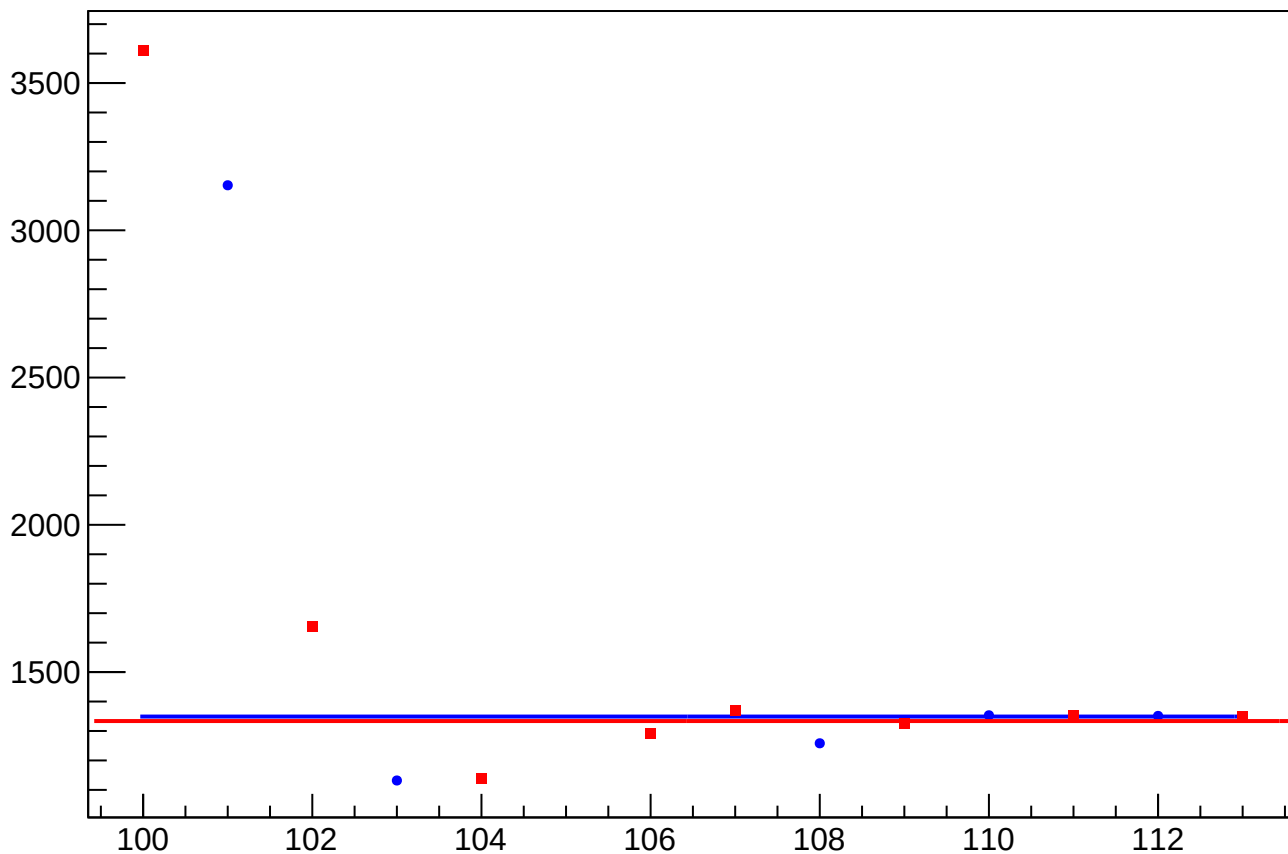
Right: -250.188+/-584.955 χ^2/NDF : 18.1/12

In: 766.495+/-895.778 χ^2/NDF : 9.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -250.188+/-584.955 χ^2/NDF : 18.1/12

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: 1333.742+/-0.546 χ^2/NDF : 126564.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

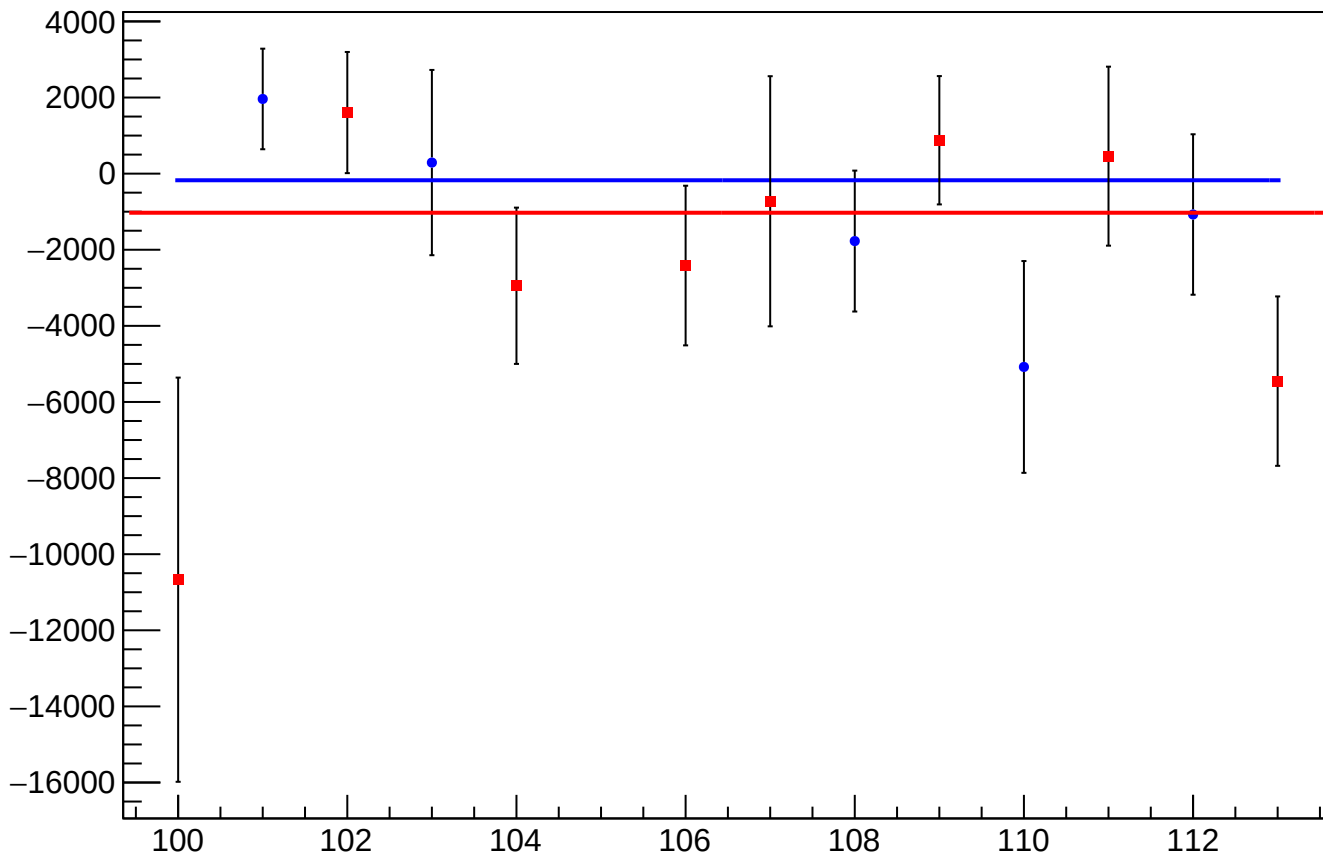
Right: 1340.238+/-0.414 χ^2/NDF : 602898.4/12

In: 1348.976+/-0.633 χ^2/NDF : 476002.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1340.238+/-0.414 χ^2/NDF : 602898.4/12

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: -1027.624+/-762.202 χ^2/NDF : 13.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

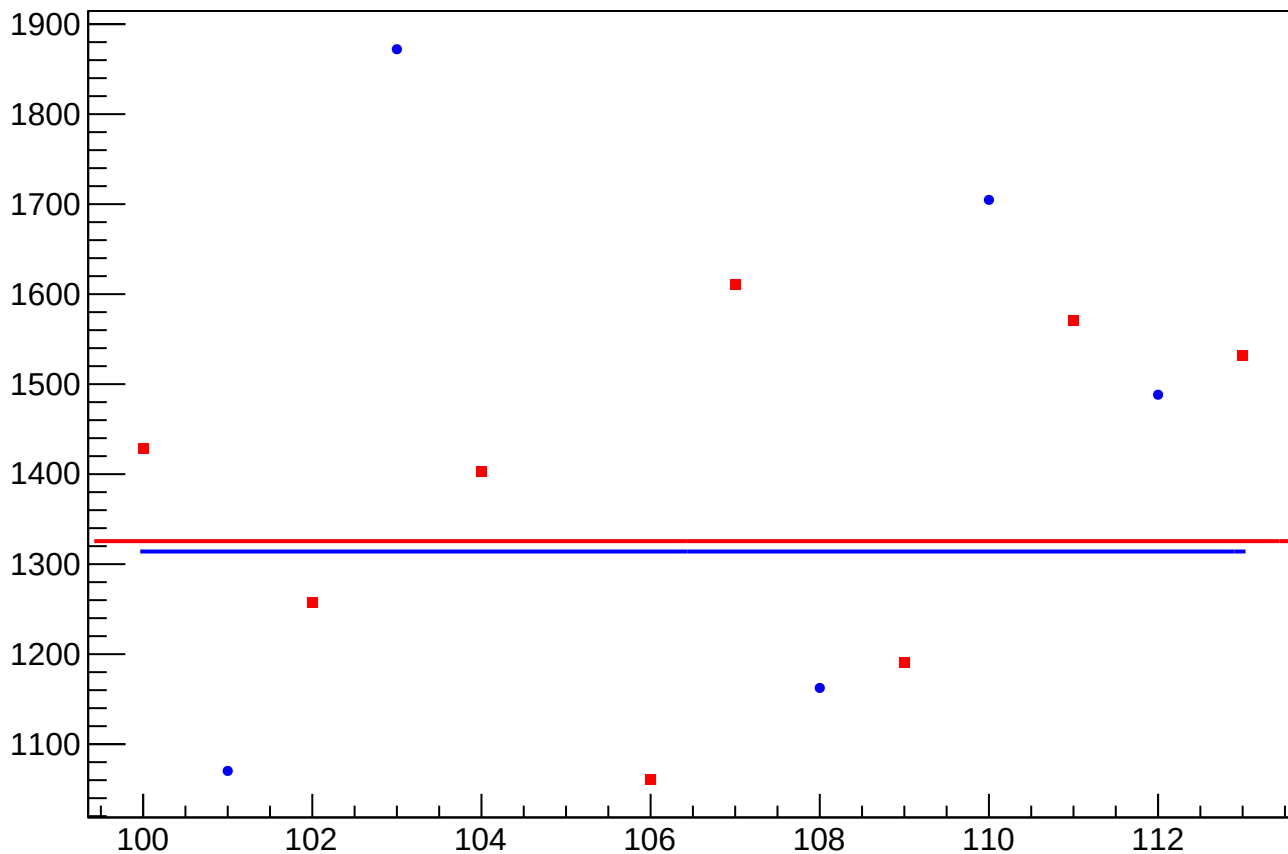
Right: -646.754+/-567.184 χ^2/NDF : 20.2/12

In: -174.146+/-849.047 χ^2/NDF : 6.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -646.754+/-567.184 χ^2/NDF : 20.2/12

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: 1325.579+/-0.539 χ^2/NDF : 106024.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

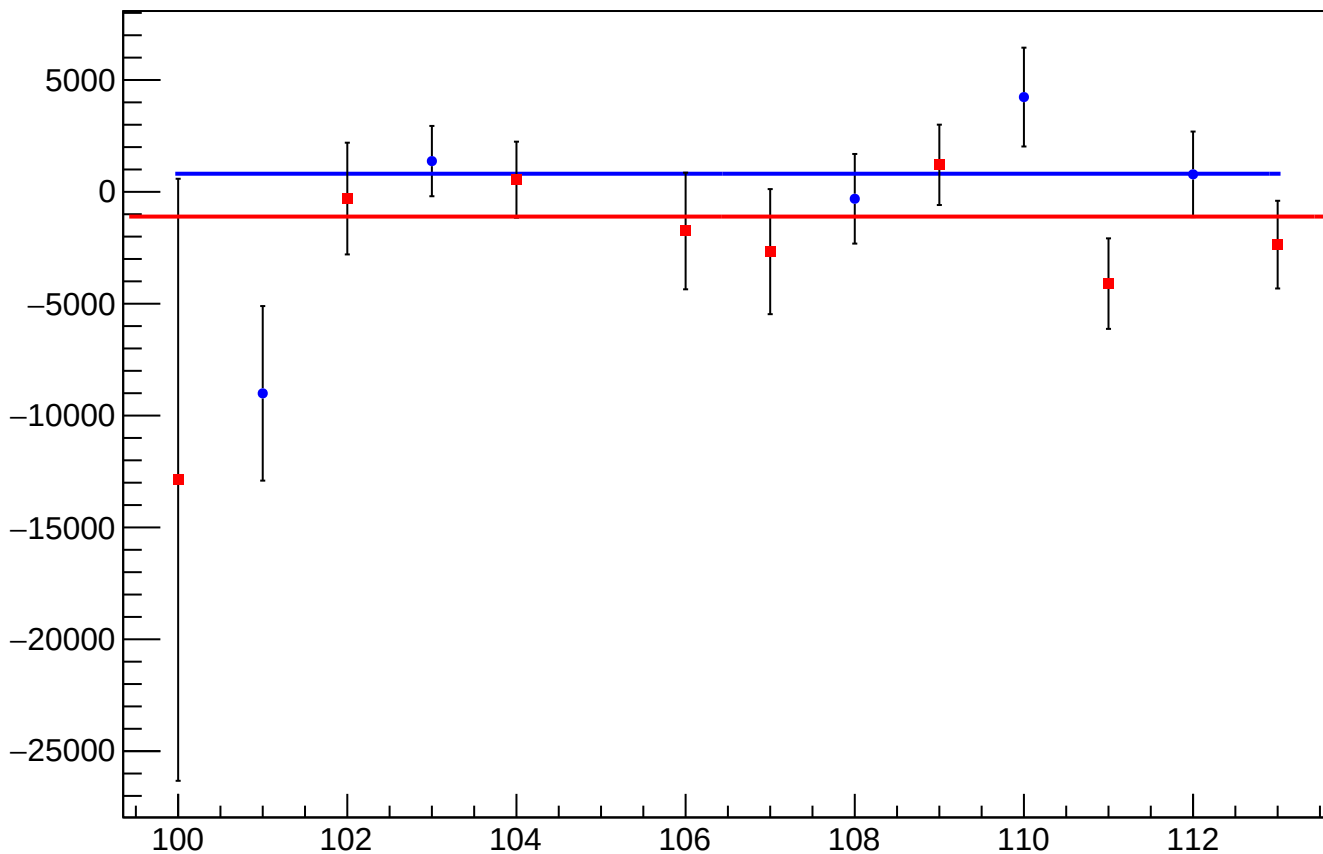
Right: 1320.441+/-0.401 χ^2/NDF : 345884.0/12

In: 1314.065+/-0.600 χ^2/NDF : 239656.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1320.441+/-0.401 χ^2/NDF : 345884.0/12

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: -1105.096+/-789.921 χ^2/NDF : 6.5/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

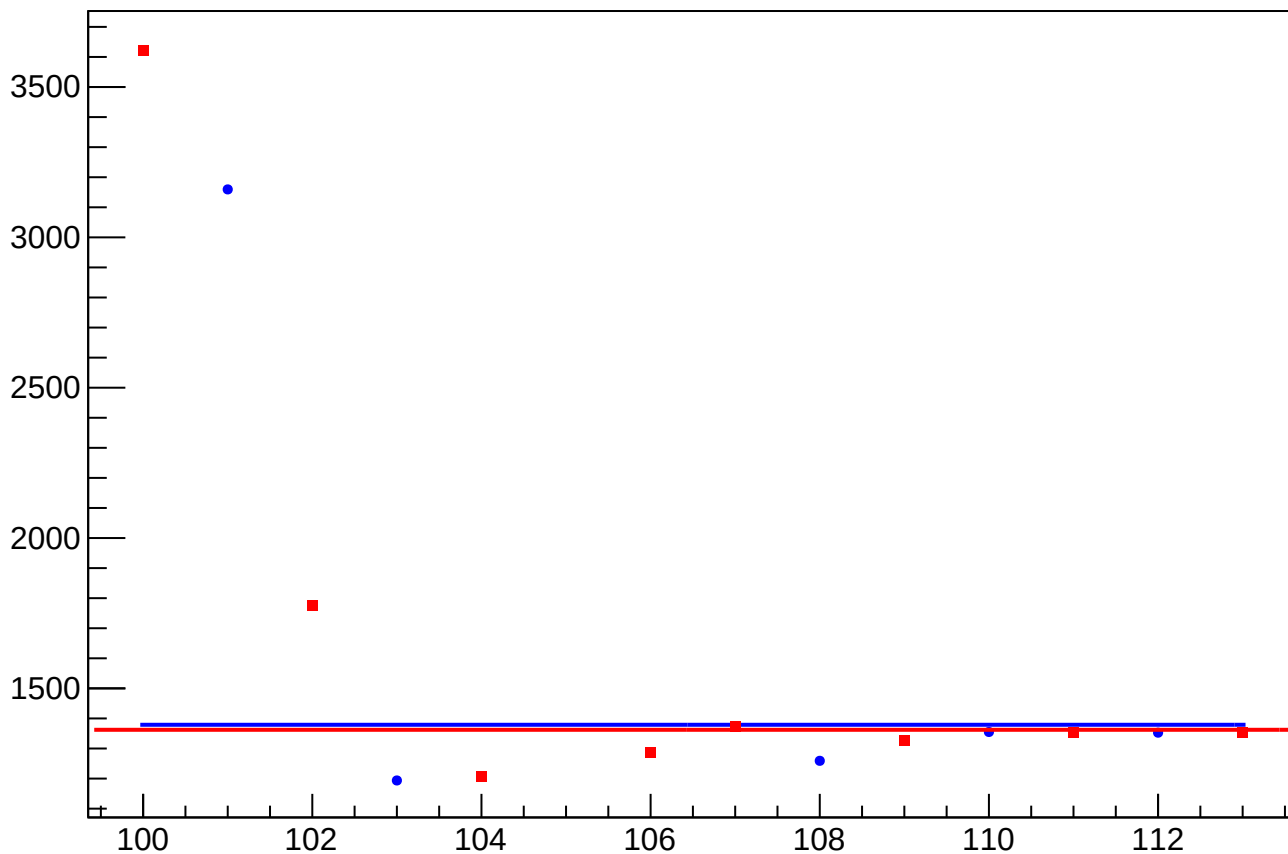
Right: -285.518+/-597.474 χ^2/NDF : 18.1/12

In: 810.245+/-913.370 χ^2/NDF :9.2/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -285.518+/-597.474 χ^2/NDF : 18.1/12

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: 1362.240+/-0.559 χ^2/NDF : 130435.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

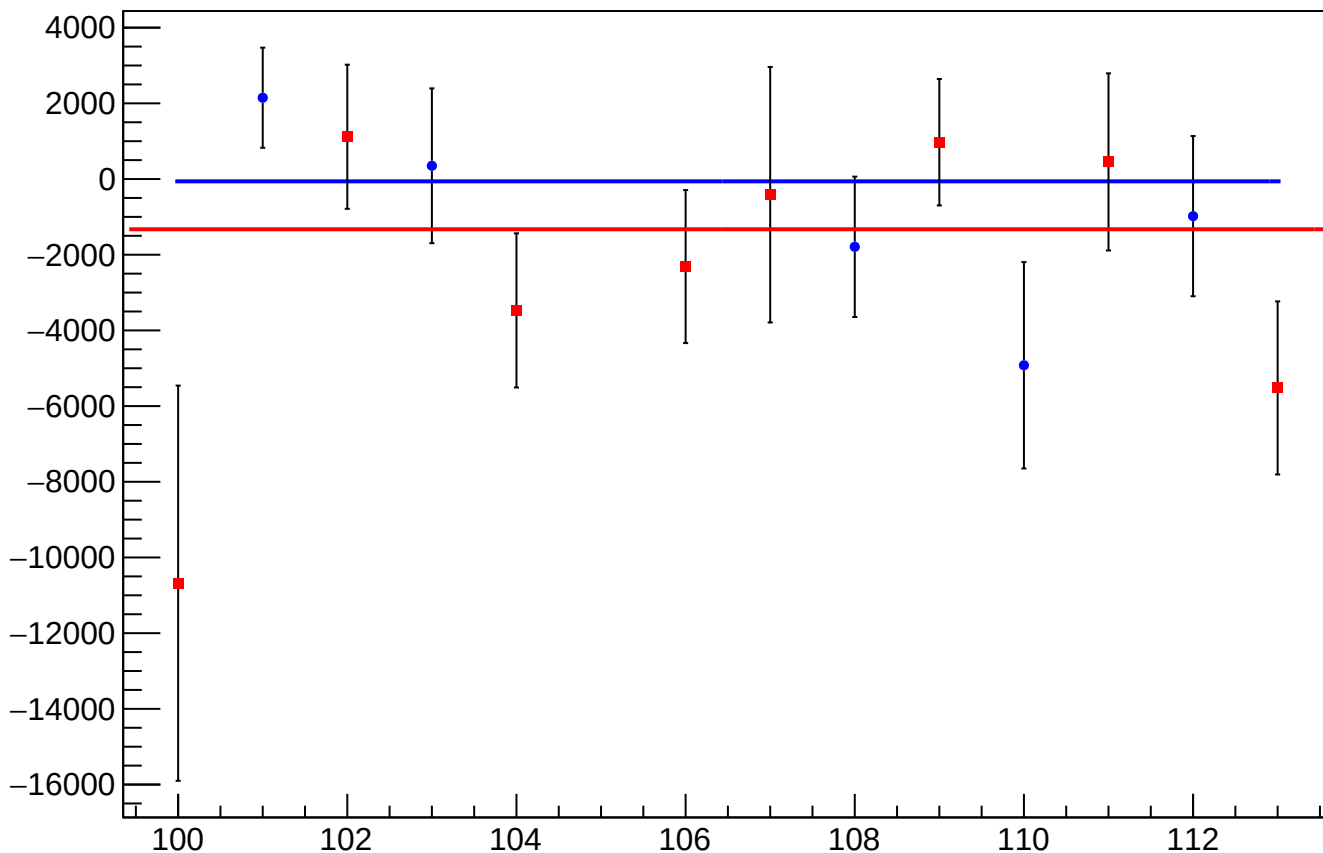
Right: 1369.385+/-0.422 χ^2/NDF : 582971.4/12

In: 1378.939+/-0.646 χ^2/NDF : 452153.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1369.385+/-0.422 χ^2/NDF : 582971.4/12

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: -1327.016+/-786.238 χ^2/NDF : 12.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

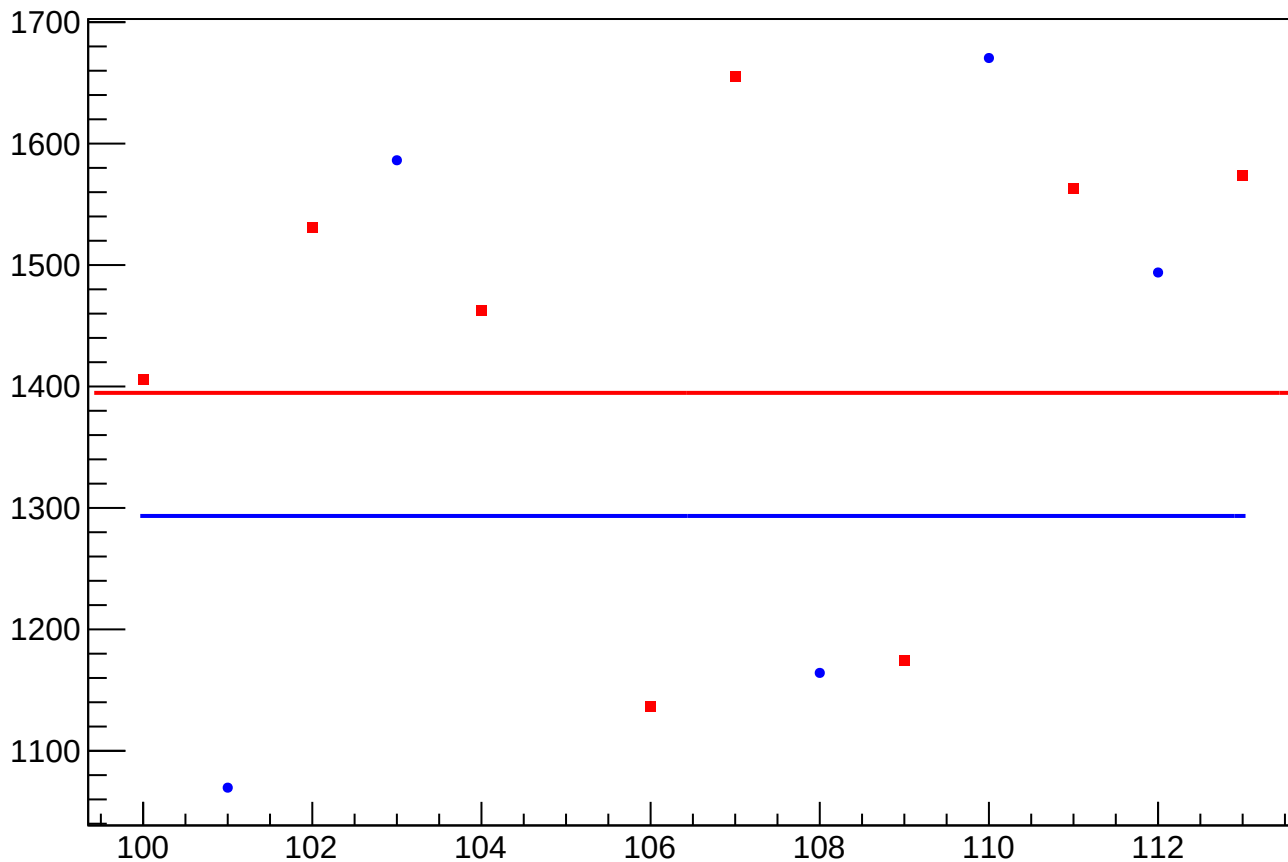
Right: -726.680+/-570.095 χ^2/NDF : 20.4/12

In: -61.129+/-827.842 χ^2/NDF : 7.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -726.680+/-570.095 χ^2/NDF : 20.4/12

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: 1394.749+/-0.556 χ^2/NDF : 114475.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

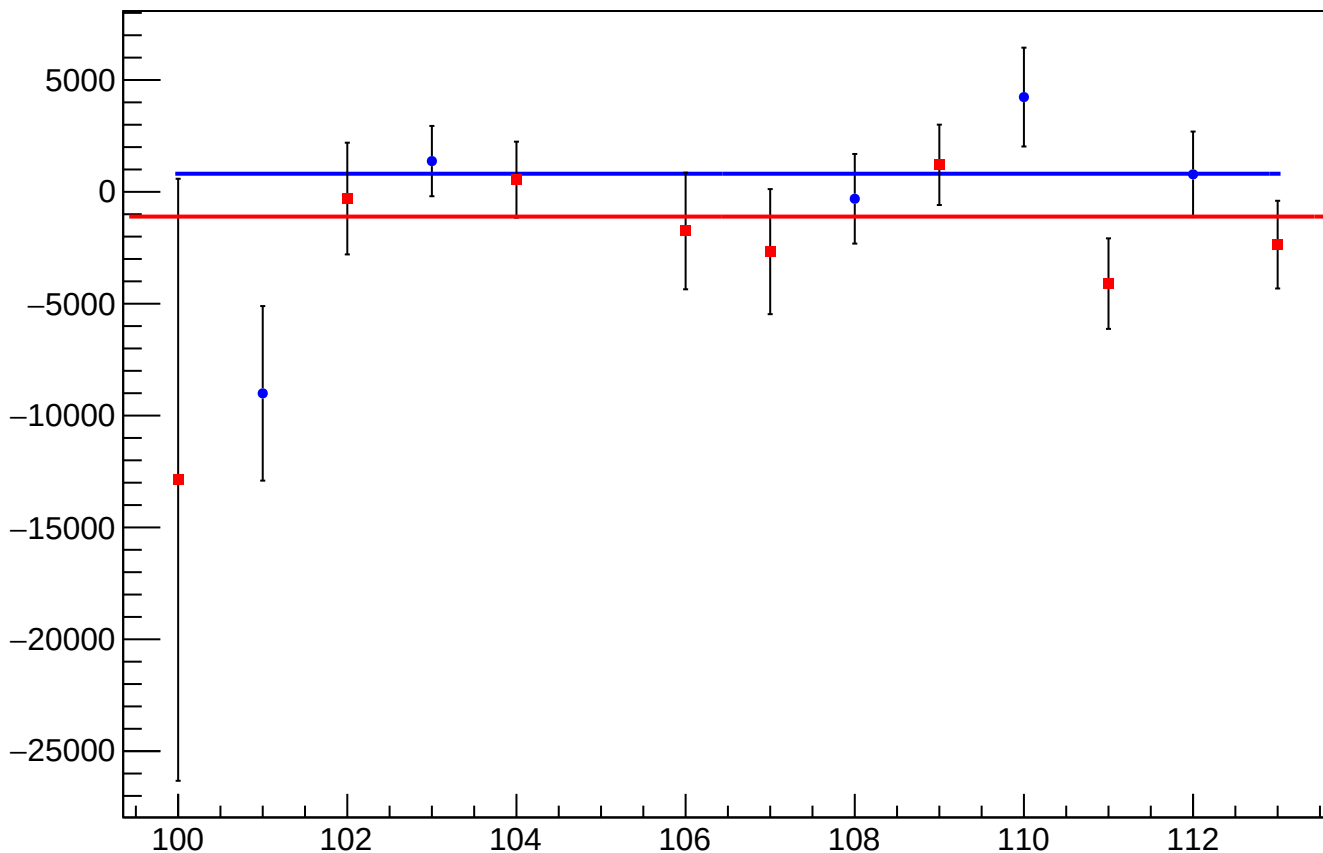
Right: 1346.689+/-0.403 χ^2/NDF : 294359.3/12

In: 1293.408+/-0.585 χ^2/NDF : 164125.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1346.689+/-0.403 χ^2/NDF : 294359.3/12

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: -1105.097+/-789.921 χ^2/NDF : 6.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

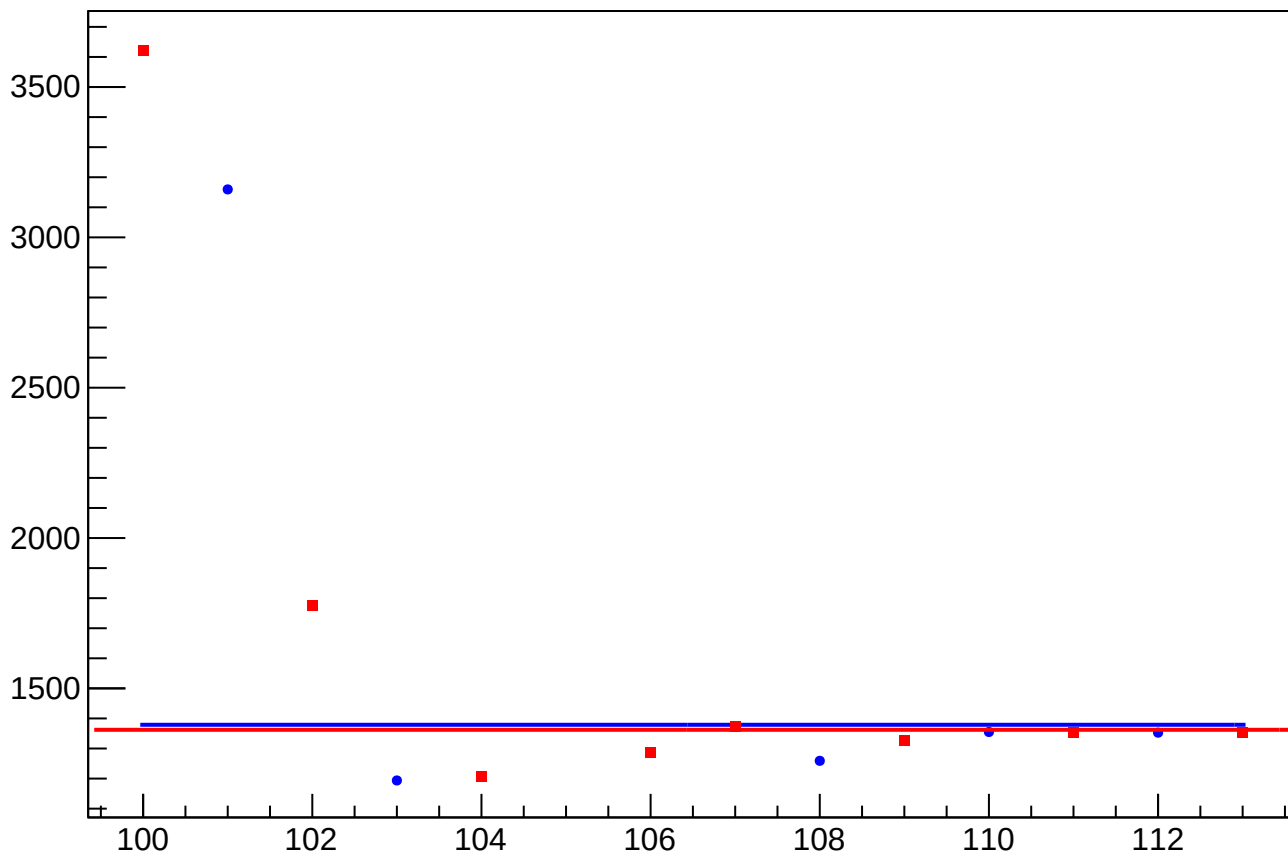
Right: -285.520+/-597.474 χ^2/NDF : 18.1/12

In: 810.241+/-913.370 χ^2/NDF : 9.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -285.520+/-597.474 χ^2/NDF : 18.1/12

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: 1362.239+/-0.559 χ^2/NDF : 130434.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

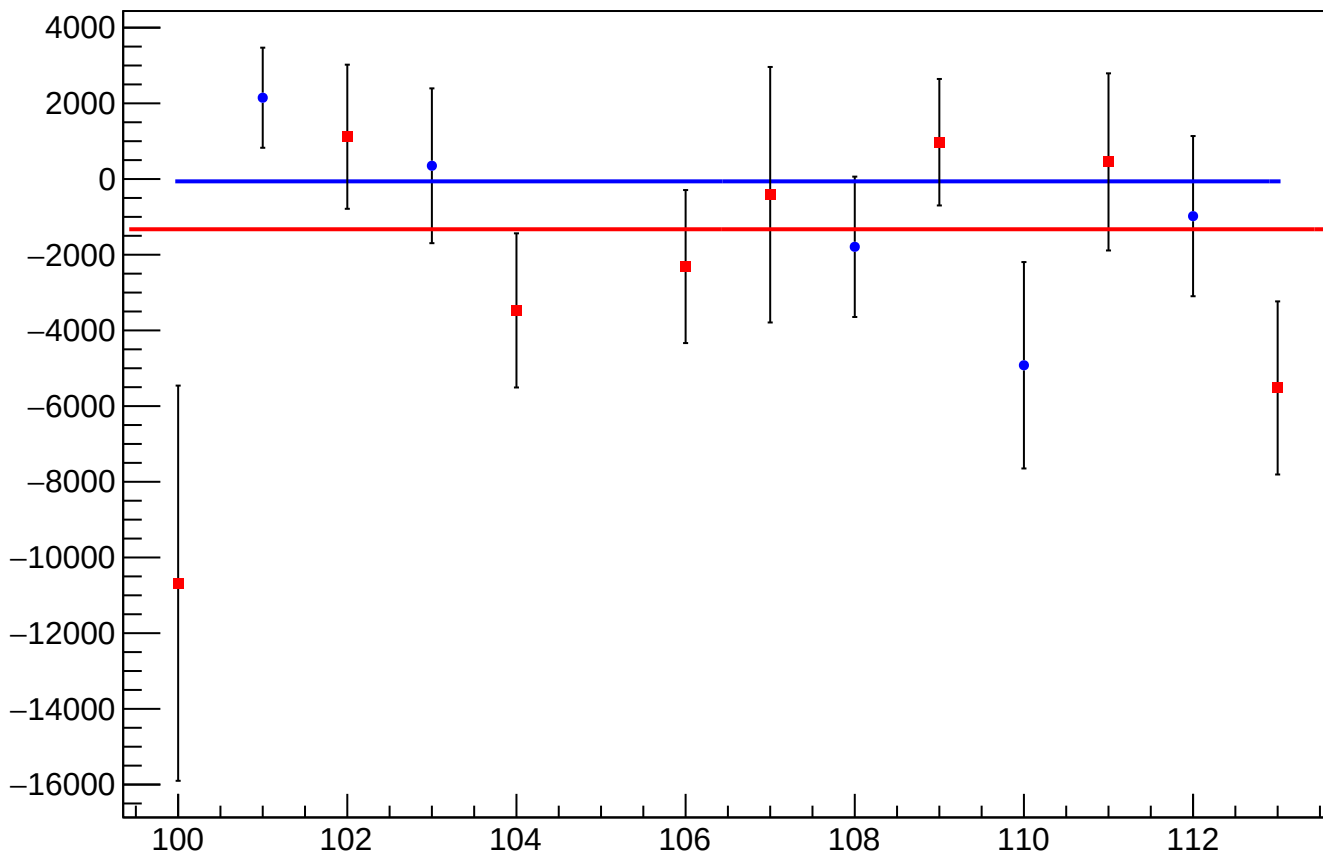
Right: 1369.385+/-0.422 χ^2/NDF : 582971.6/12

In: 1378.938+/-0.646 χ^2/NDF : 452154.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1369.385+/-0.422 χ^2/NDF : 582971.6/12

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: -1327.019+/-786.238 χ^2/NDF : 12.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

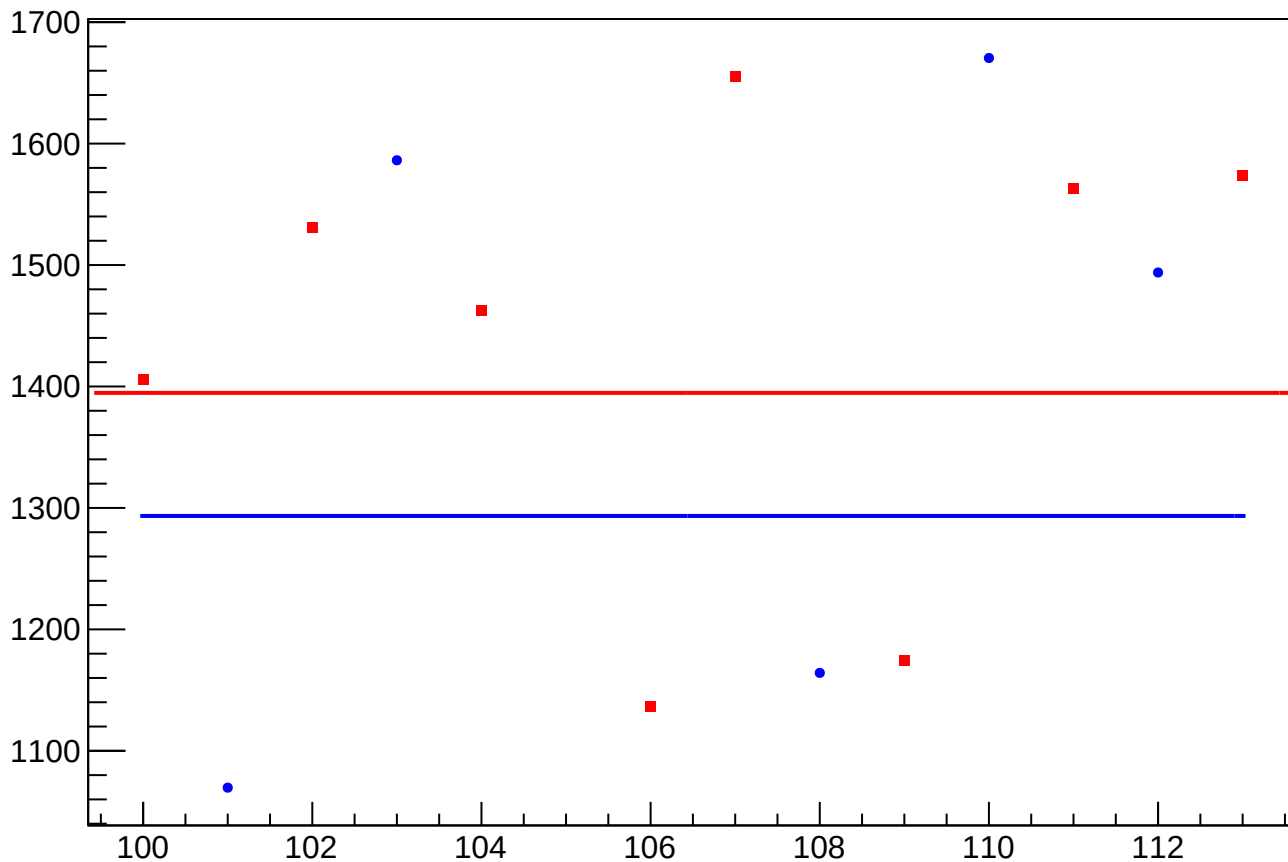
Right: -726.679+/-570.094 χ^2/NDF : 20.4/12

In: -61.128+/-827.839 χ^2/NDF : 7.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -726.679+/-570.094 χ^2/NDF : 20.4/12

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: 1394.749+/-0.556 χ^2/NDF : 114477.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

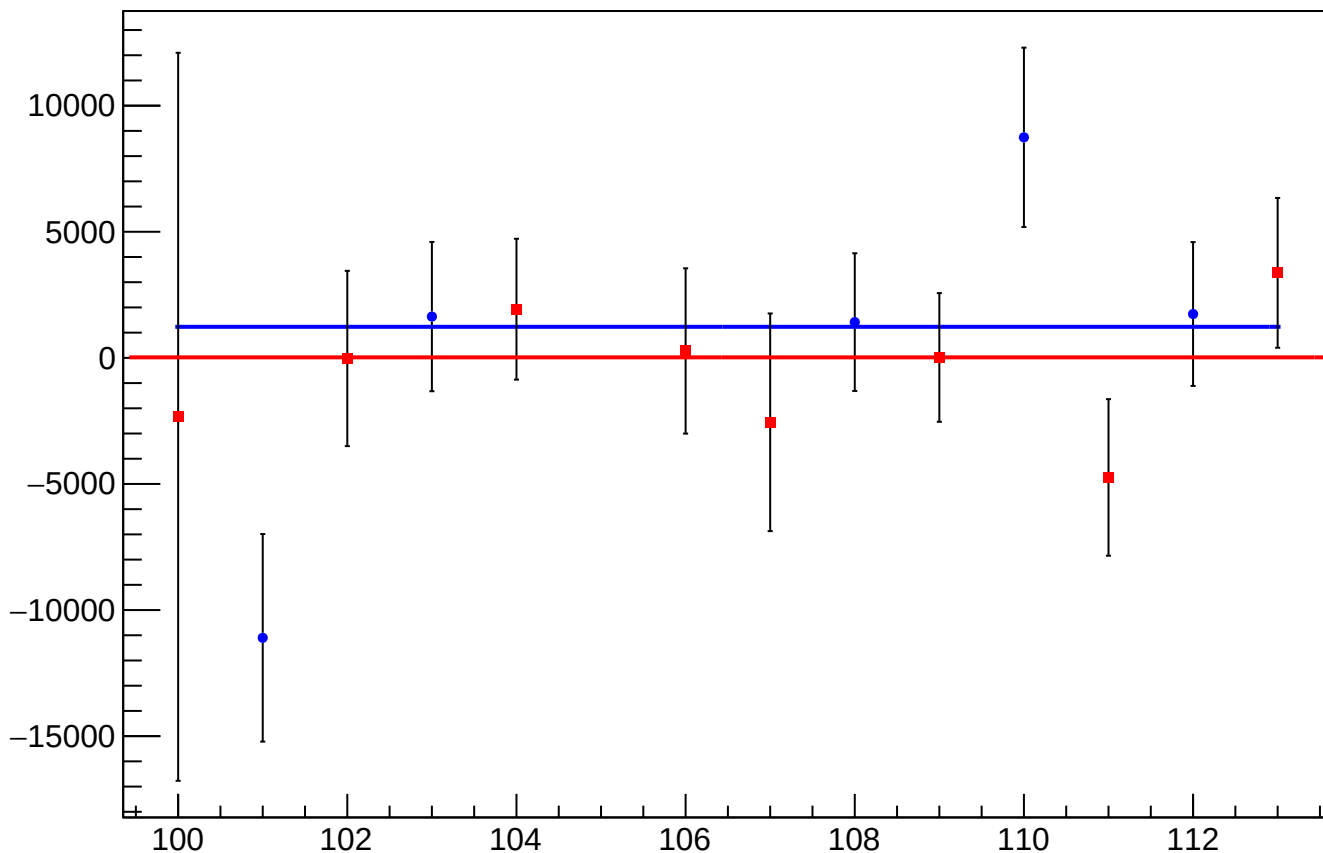
Right: 1346.686+/-0.403 χ^2/NDF : 294370.4/12

In: 1293.402+/-0.585 χ^2/NDF : 164133.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1346.686+/-0.403 χ^2/NDF : 294370.4/12

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: 20.359+/-1167.844 χ^2/NDF : 4.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

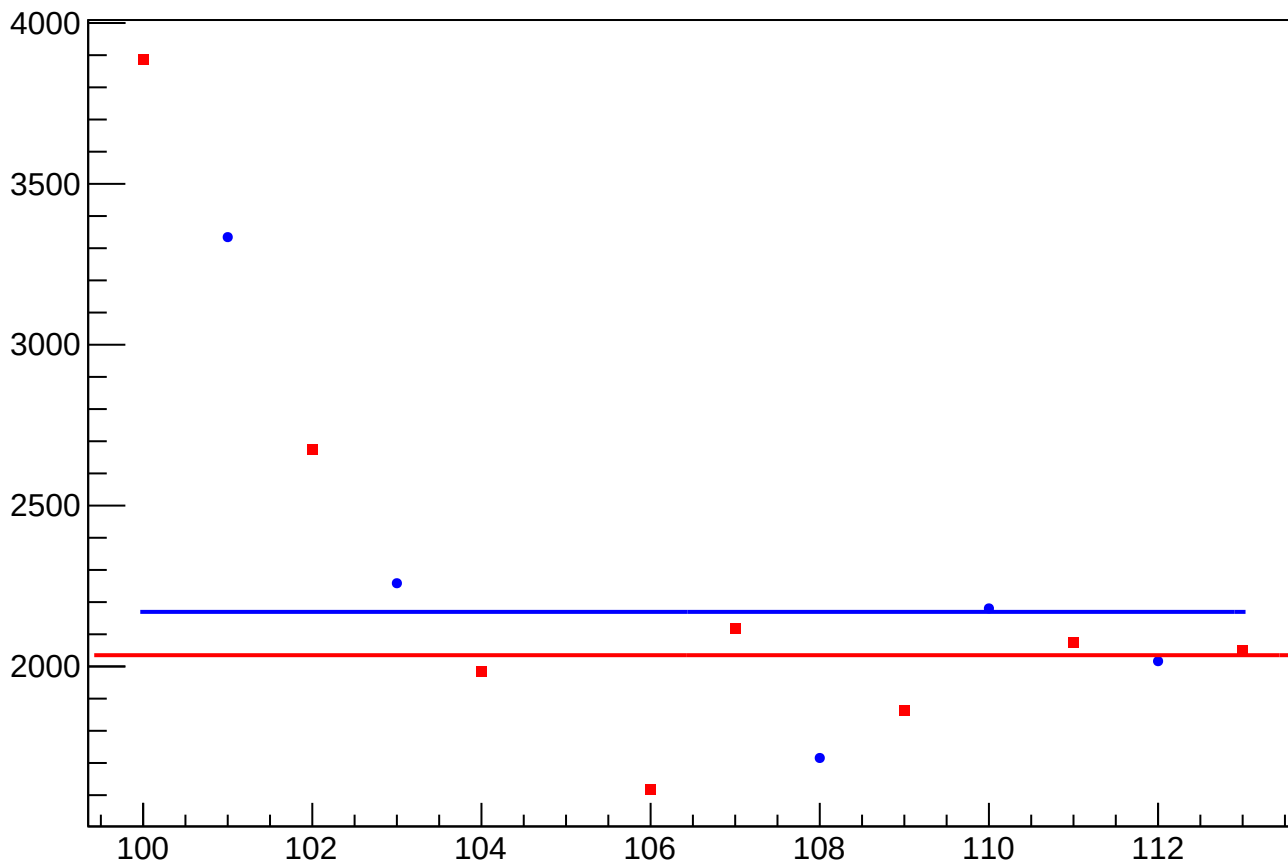
Right: 516.771+/-897.084 χ^2/NDF : 18.4/12

In: 1231.296+/-1401.111 χ^2/NDF : 13.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 516.771+/-897.084 χ^2/NDF : 18.4/12

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: 2035.010+/-0.826 χ^2/NDF : 143775.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

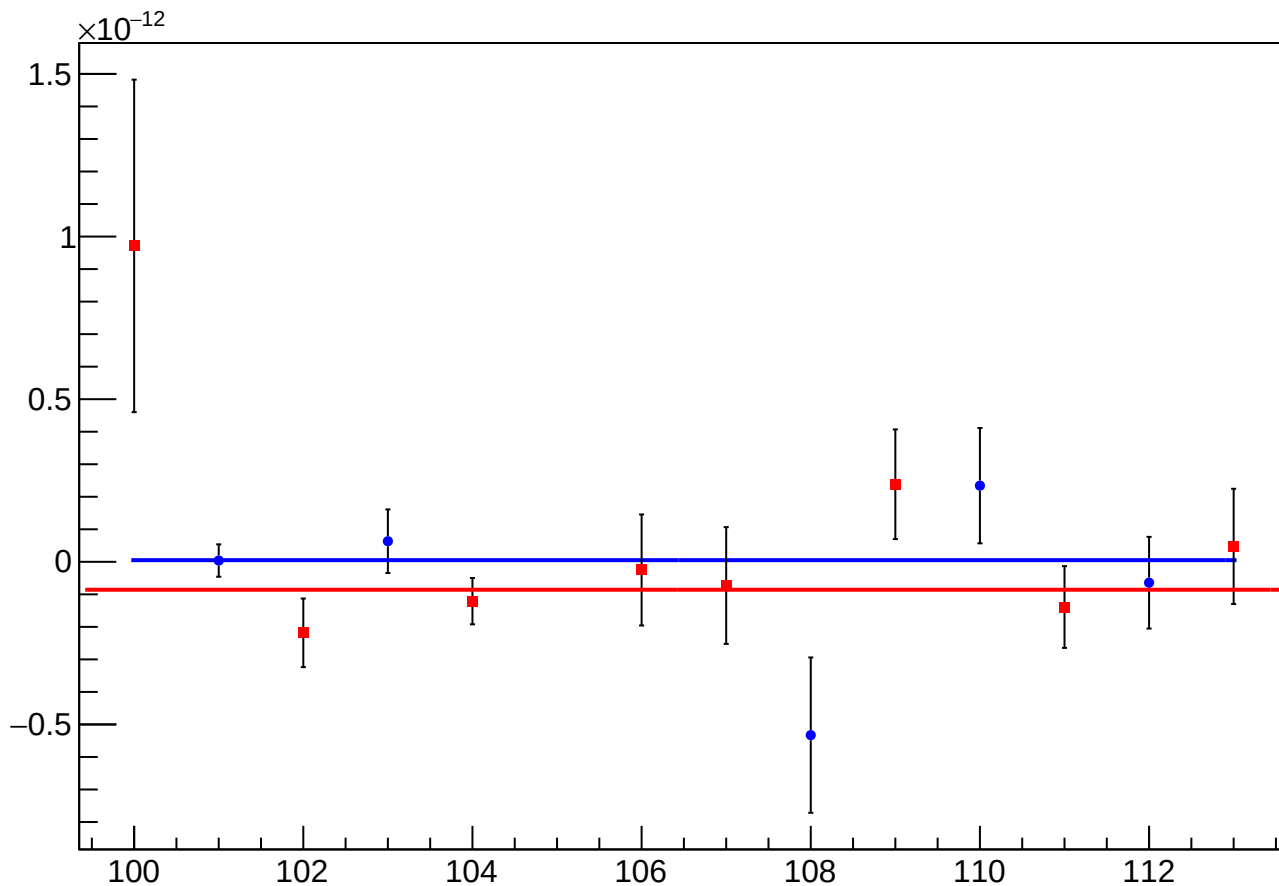
Right: 2090.202+/-0.634 χ^2/NDF : 377753.1/12

In: 2169.650+/-0.991 χ^2/NDF : 223080.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2090.202+/-0.634 χ^2/NDF : 377753.1/12

asym_atl_dd_atr_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

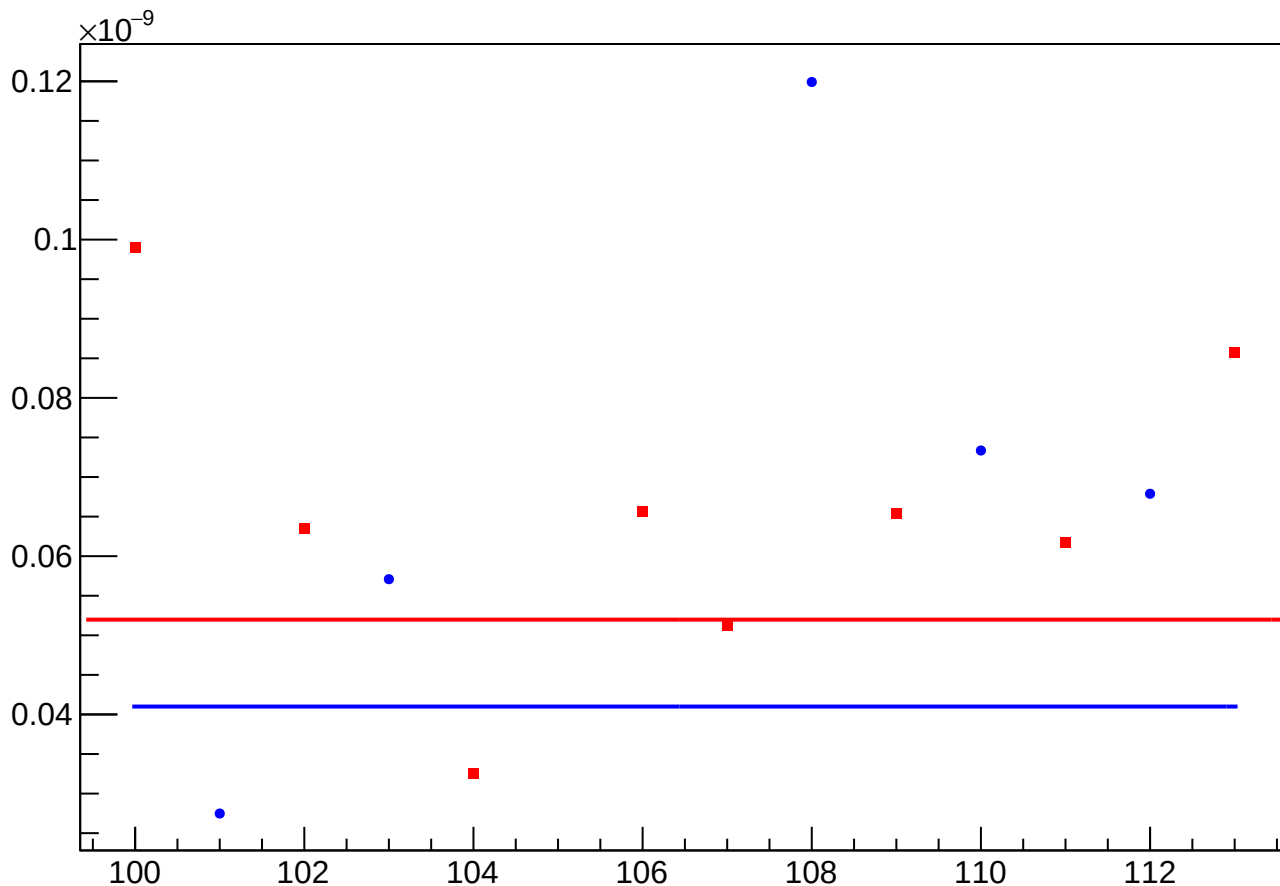
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 20.2/12

In: 0.000 $\pm$ 0.000 χ^2 /NDF:7.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 20.2/12

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 : 299572.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

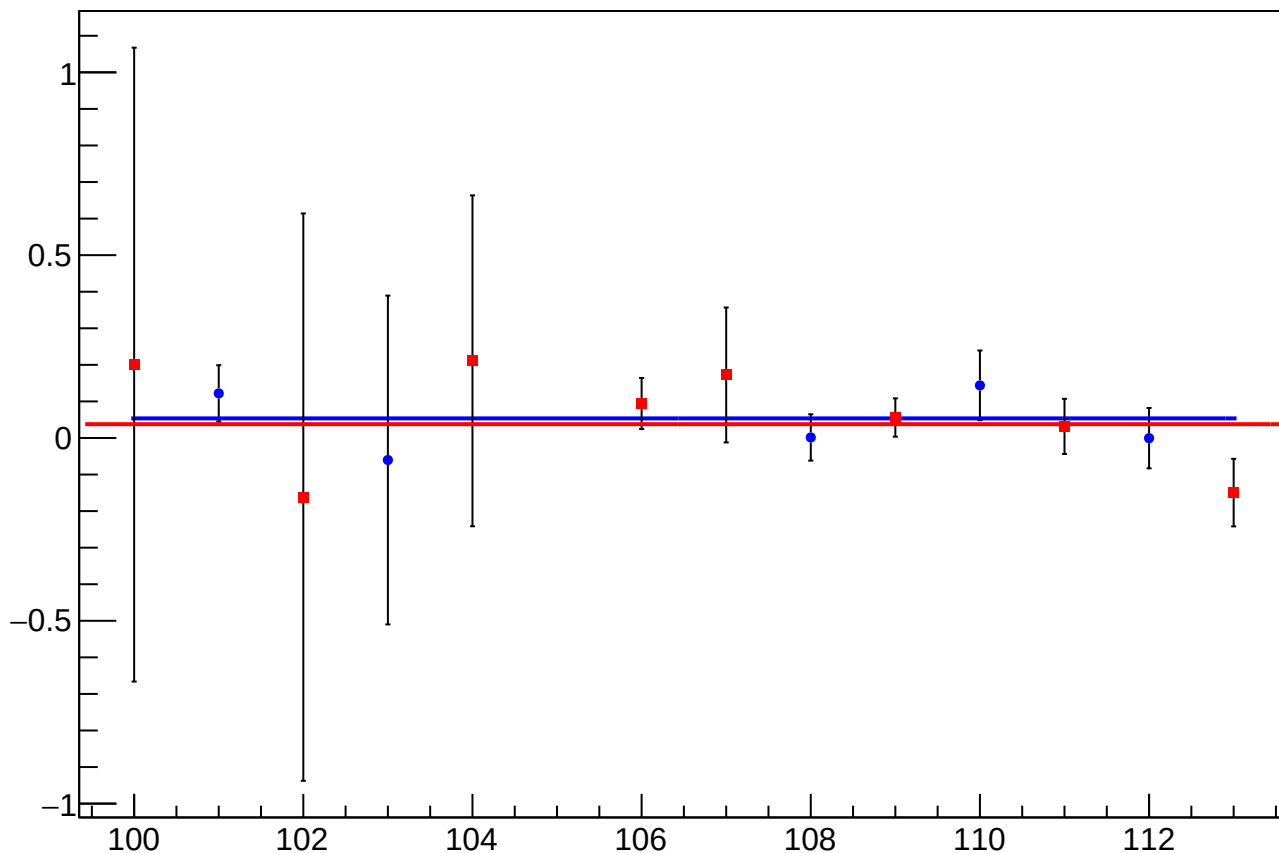
Right: 0.000+/-0.000 χ^2/NDF : 923948.7/12

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 : 923948.7/12

asym_atl_dd_atr_dd_dd_dit_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: 0.038+/-0.033 χ^2/NDF : 5.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

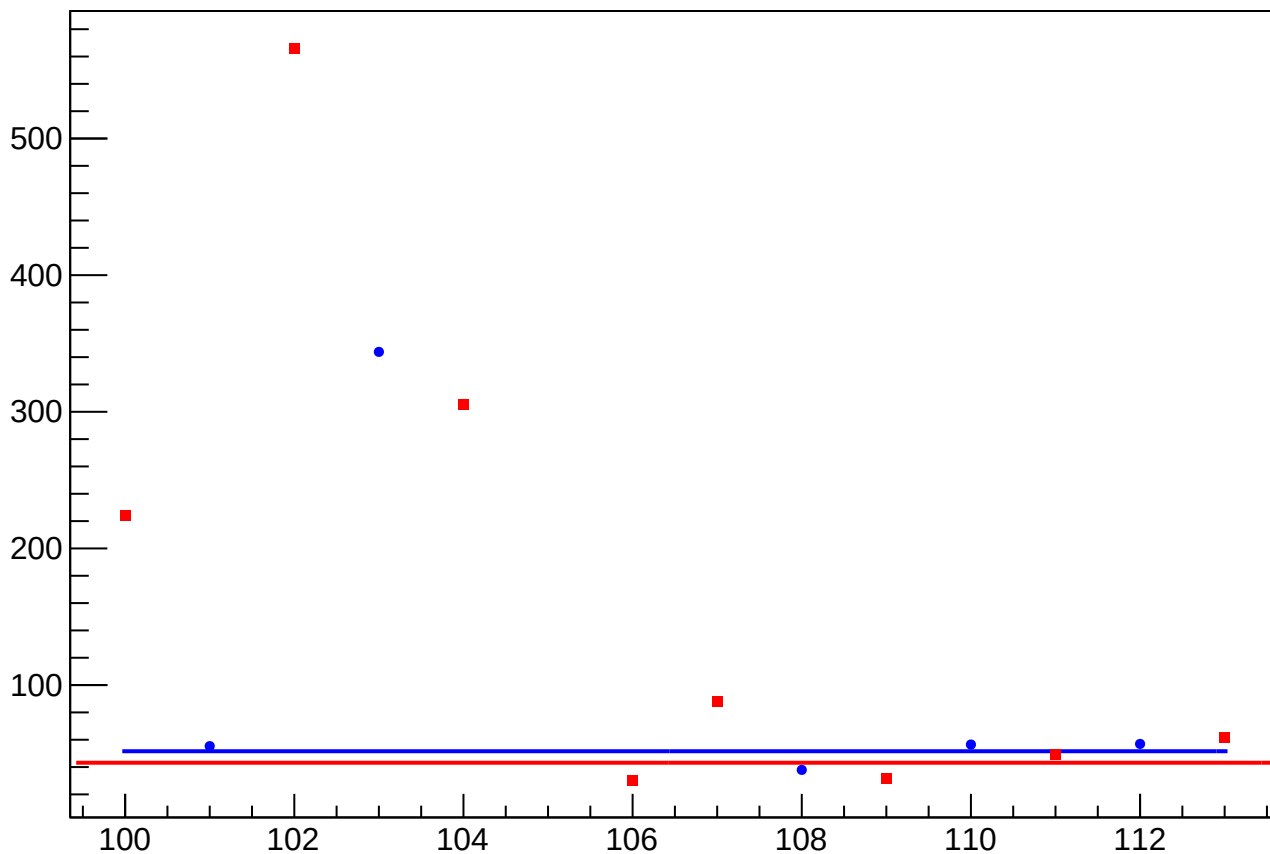
Right: 0.045+/-0.025 χ^2/NDF : 8.6/12

In: 0.054+/-0.038 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.045+/-0.025 χ^2/NDF : 8.6/12

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: 43.170+/-0.024 χ^2/NDF : 2051976.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

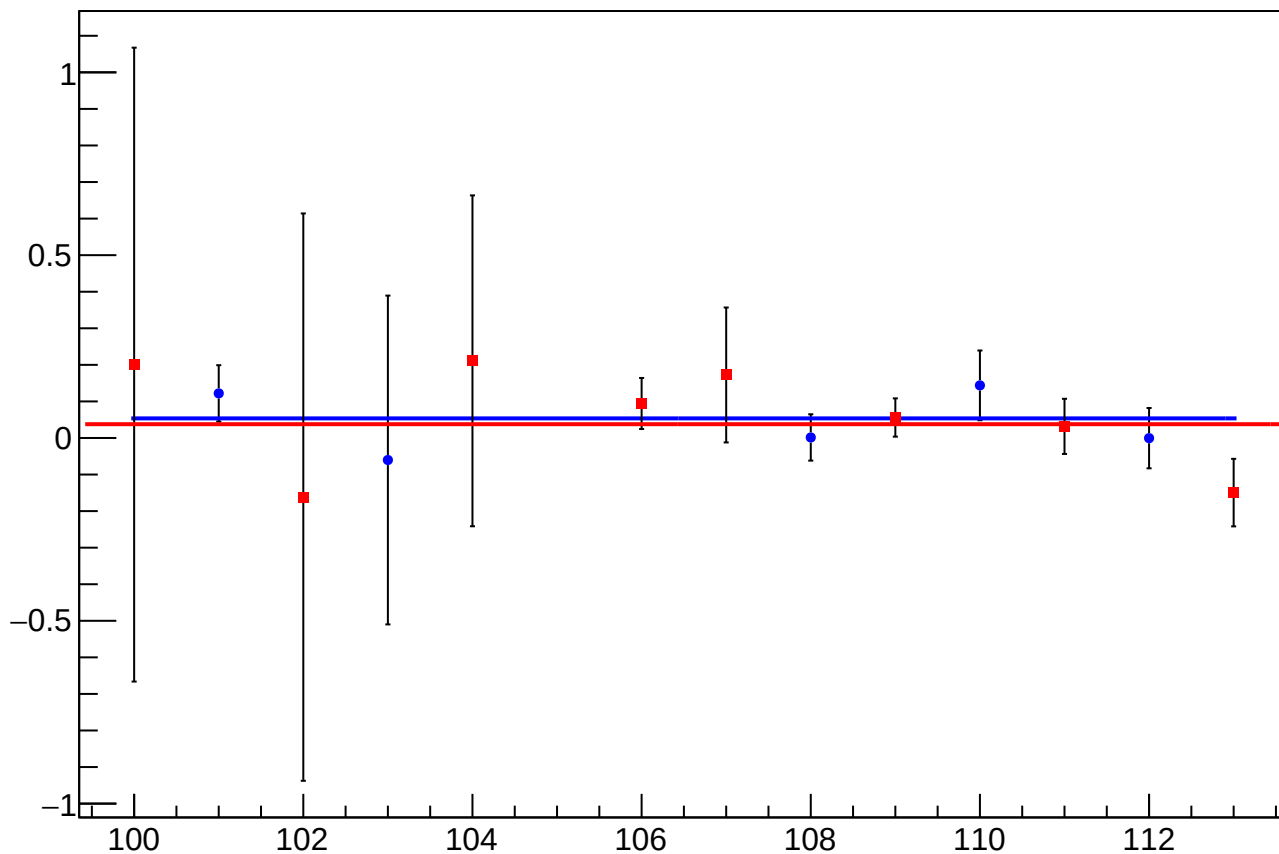
Right: 46.789+/-0.018 χ^2/NDF : 3063107.4/12

In: 51.584+/-0.027 χ^2/NDF : 956309.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.789+/-0.018 χ^2/NDF : 3063107.4/12

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: 0.038+/-0.033 χ^2/NDF : 5.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

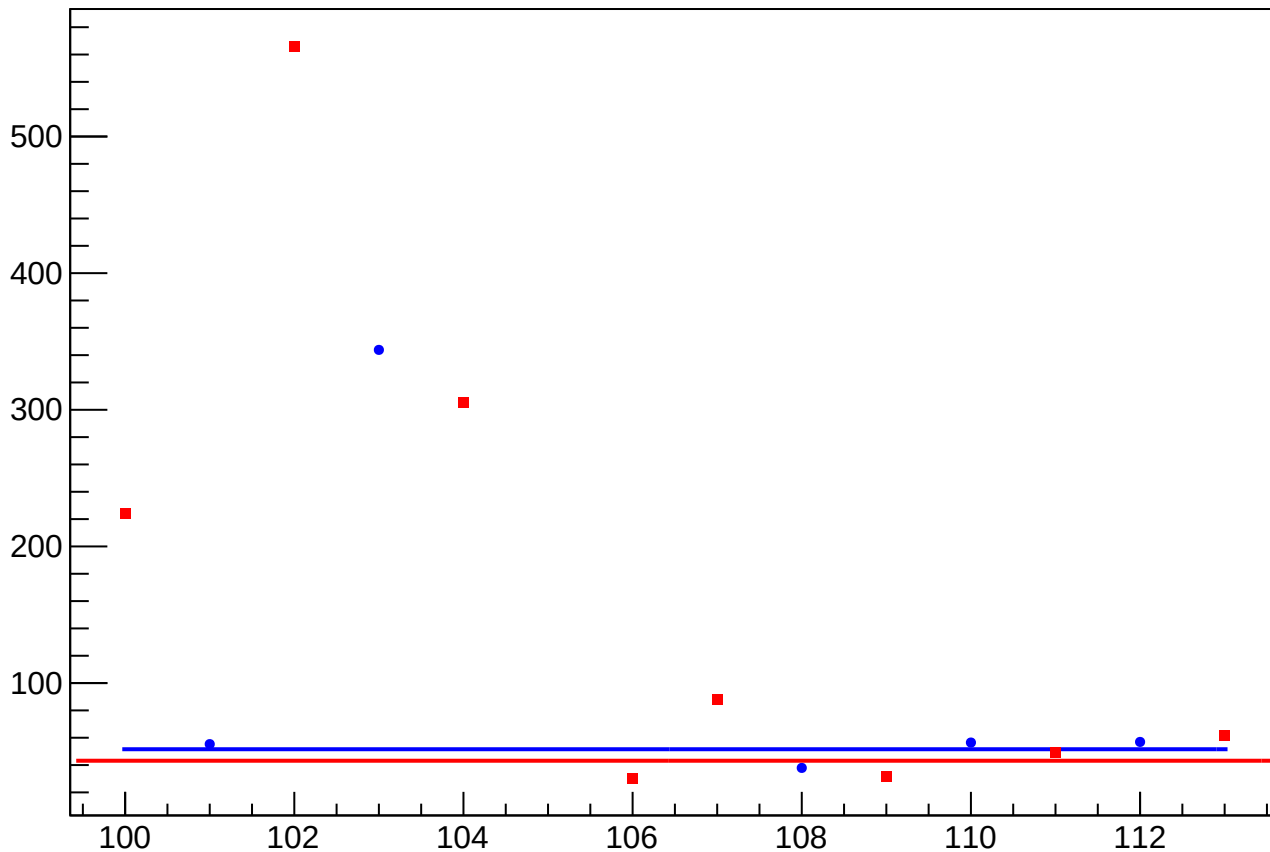
Right: 0.045+/-0.025 χ^2/NDF : 8.6/12

In: 0.054+/-0.038 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.045+/-0.025 χ^2/NDF : 8.6/12

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: 43.170+/-0.024 χ^2/NDF : 2051976.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

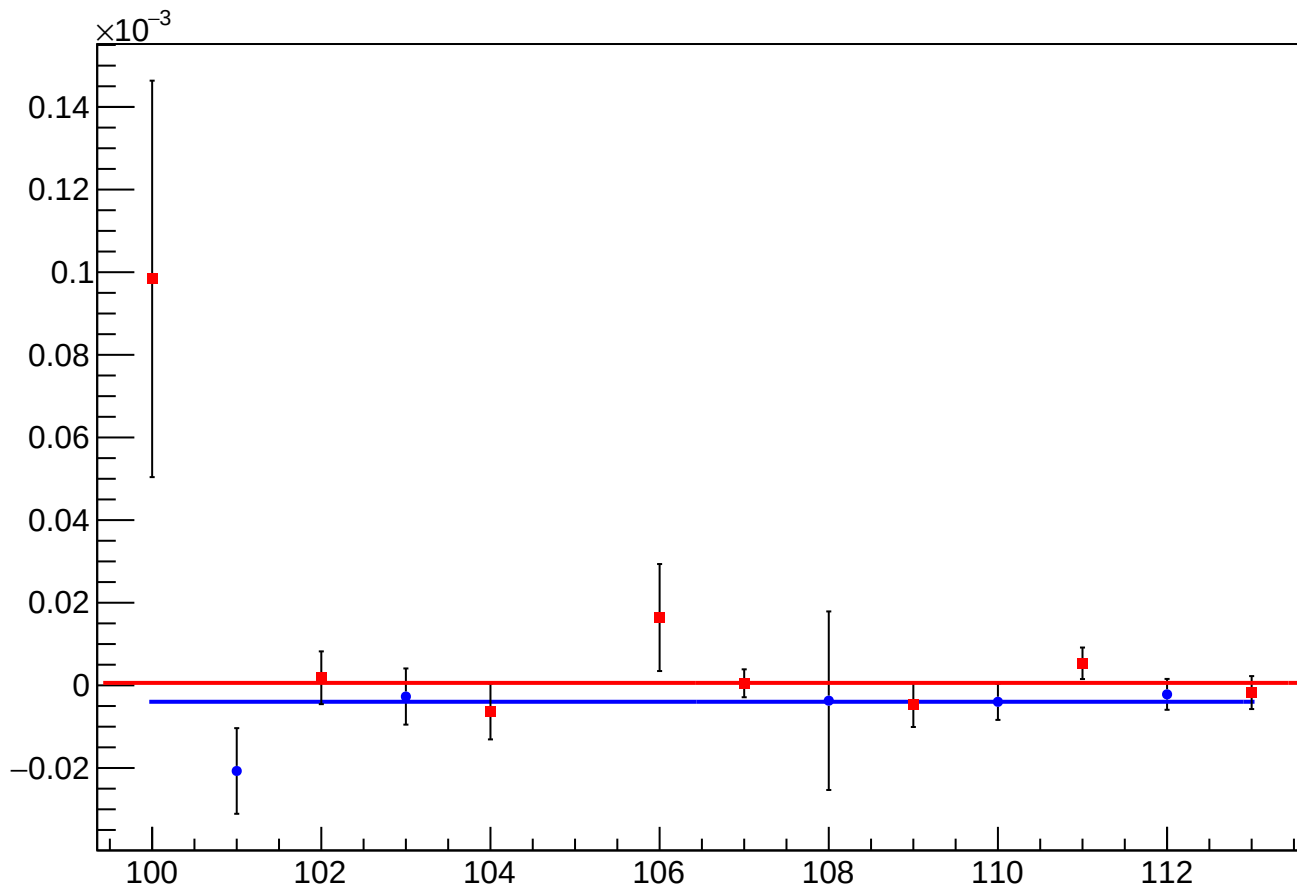
Right: 46.789+/-0.018 χ^2/NDF : 3063107.4/12

In: 51.584+/-0.027 χ^2/NDF : 956309.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.789+/-0.018 χ^2/NDF : 3063107.4/12

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 : 9.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

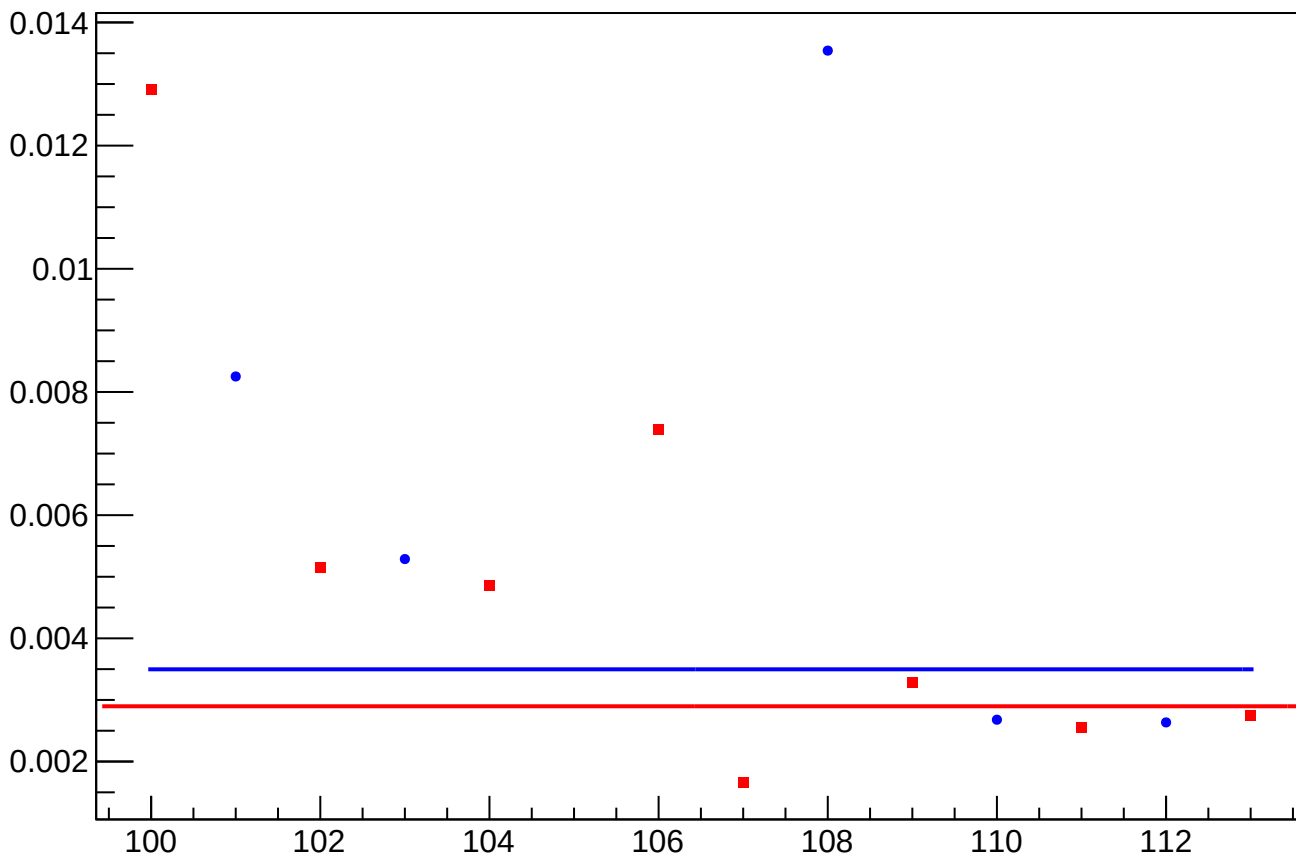
Right: -0.000+/-0.000 χ^2/NDF : 14.7/12

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 : 14.7/12

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 : 1042860.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

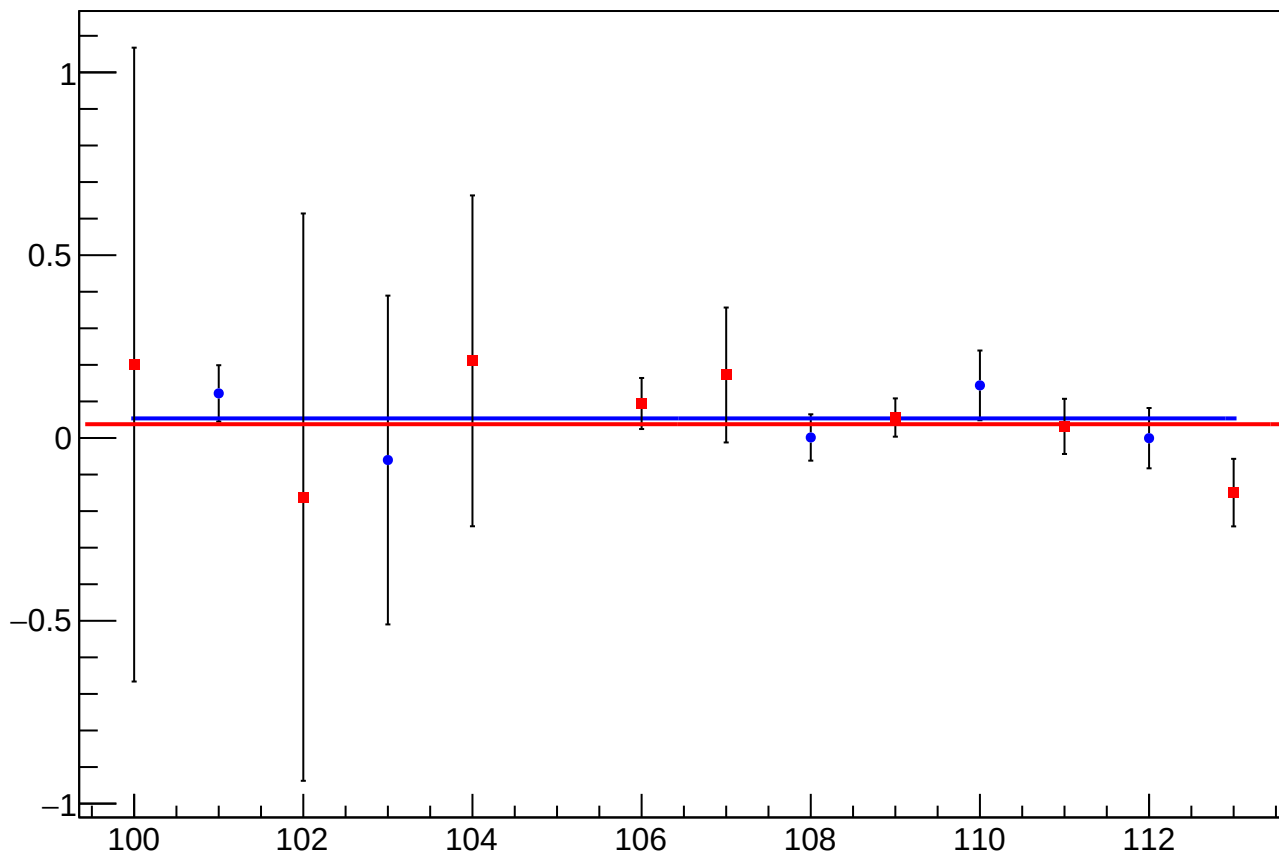
Right: 0.003+/-0.000 χ^2/NDF : 2285831.9/12

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 : 2285831.9/12

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: 0.038+/-0.033 χ^2/NDF : 5.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

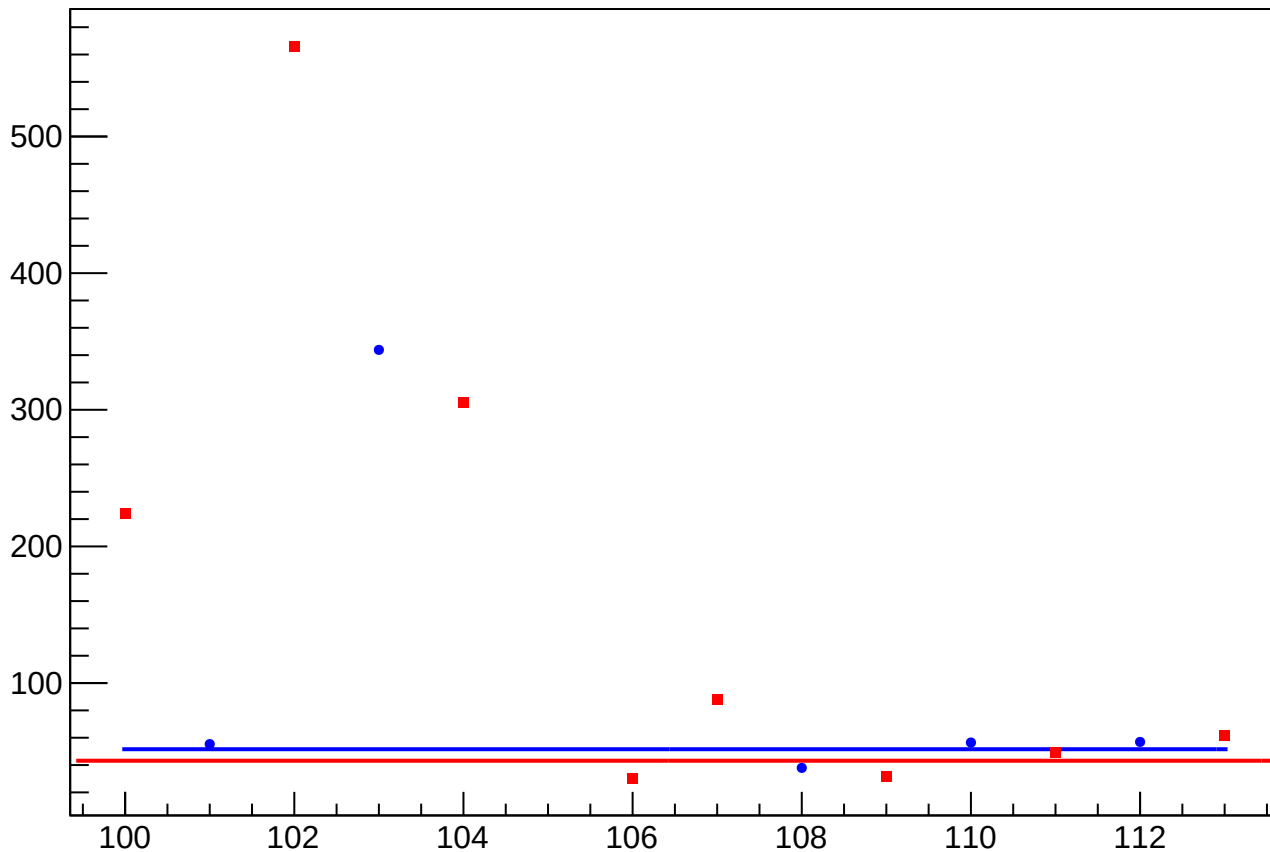
Right: 0.045+/-0.025 χ^2/NDF : 8.6/12

In: 0.054+/-0.038 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.045+/-0.025 χ^2/NDF : 8.6/12

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: 43.168+/-0.024 χ^2/NDF : 2052043.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

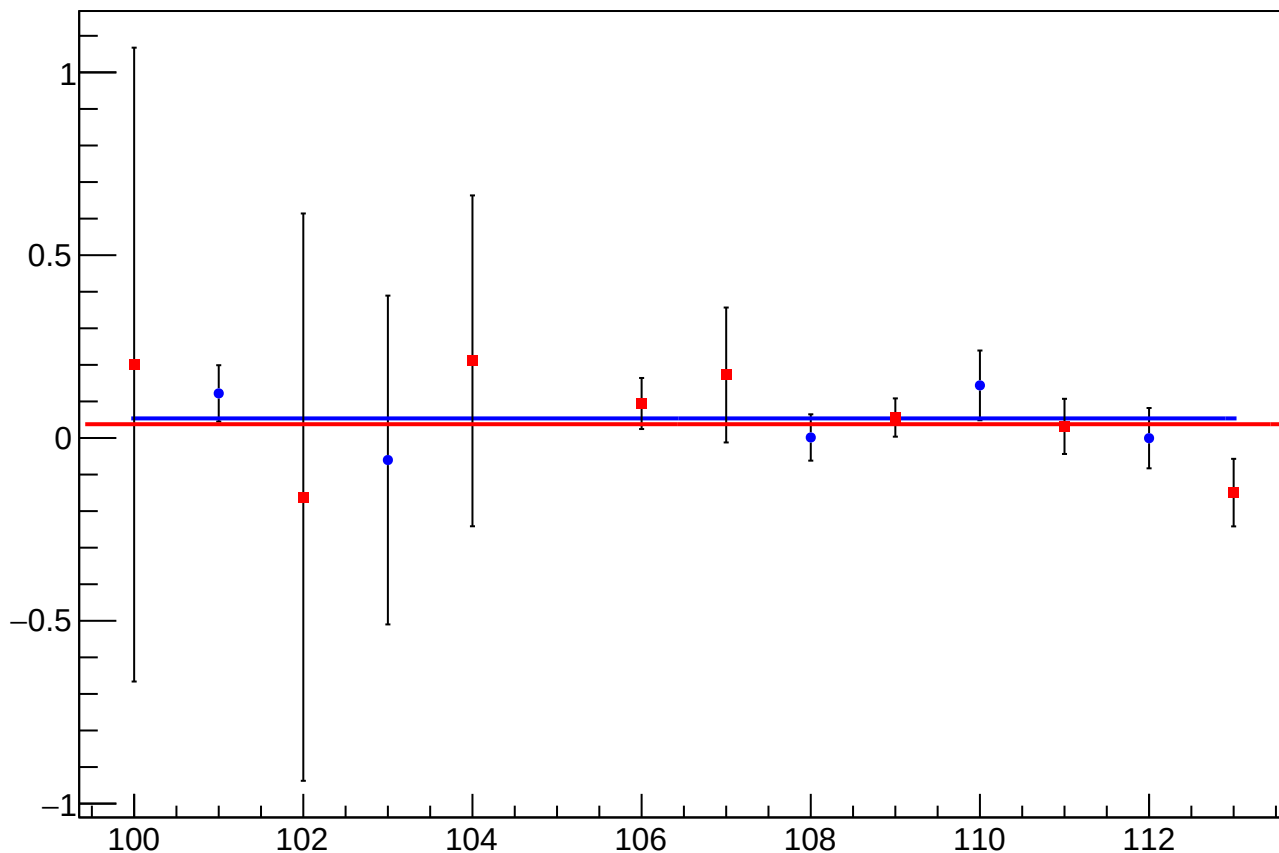
Right: 46.790+/-0.018 χ^2/NDF : 3063145.0/12

In: 51.589+/-0.027 χ^2/NDF : 956186.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.790+/-0.018 χ^2/NDF : 3063145.0/12

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: 0.038+/-0.033 χ^2/NDF : 5.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

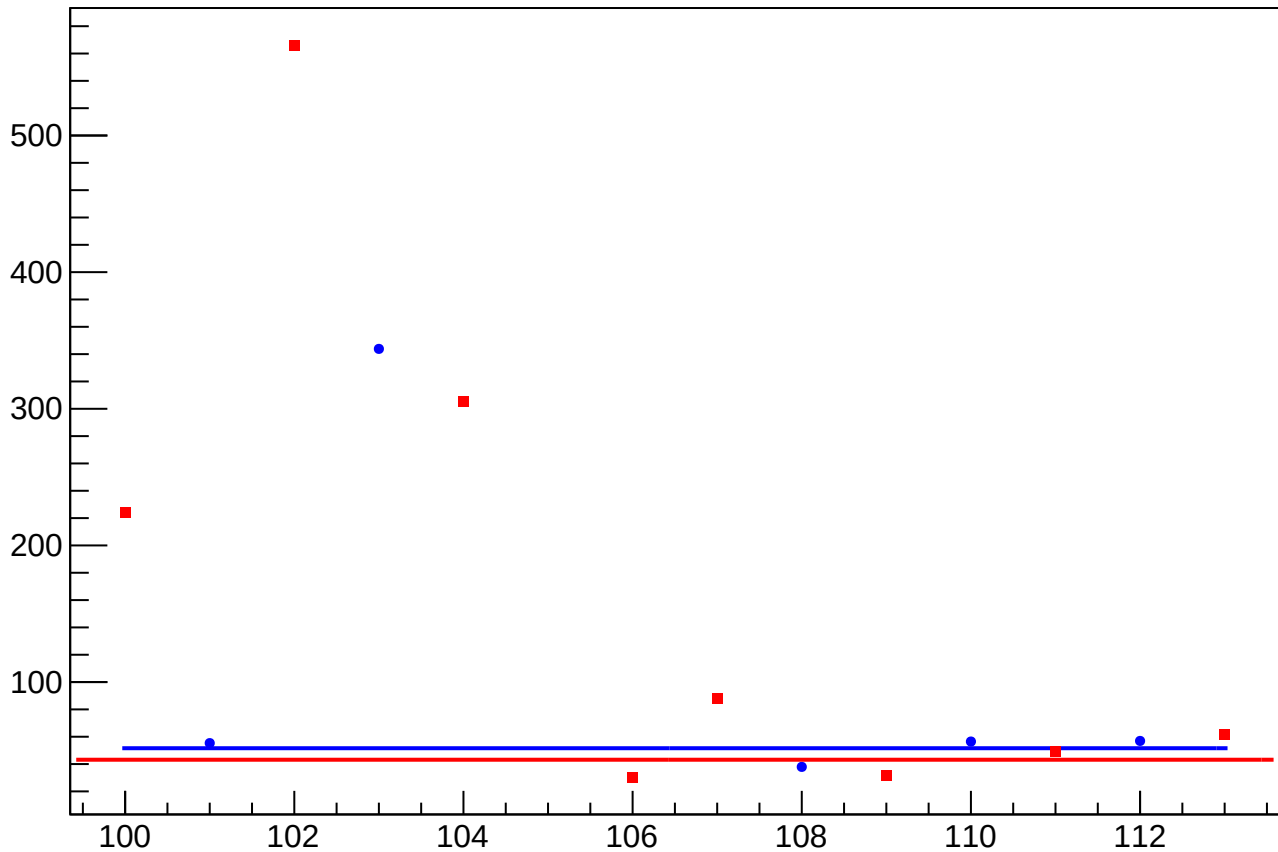
Right: 0.045+/-0.025 χ^2/NDF : 8.6/12

In: 0.054+/-0.038 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.045+/-0.025 χ^2/NDF : 8.6/12

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: 43.168+/-0.024 χ^2/NDF : 2052043.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

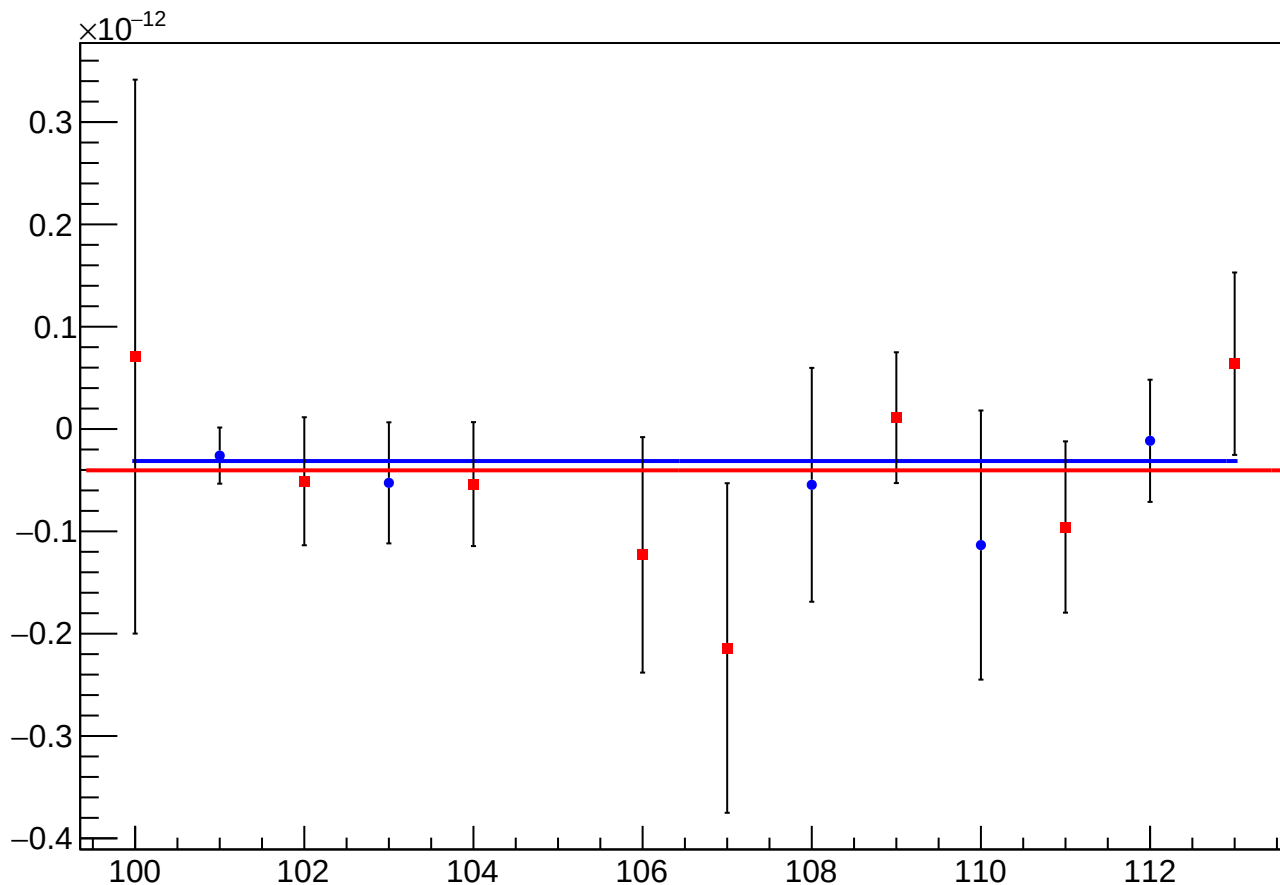
Right: 46.790+/-0.018 χ^2/NDF : 3063145.0/12

In: 51.589+/-0.027 χ^2/NDF : 956186.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.790+/-0.018 χ^2/NDF : 3063145.0/12

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 : 4.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

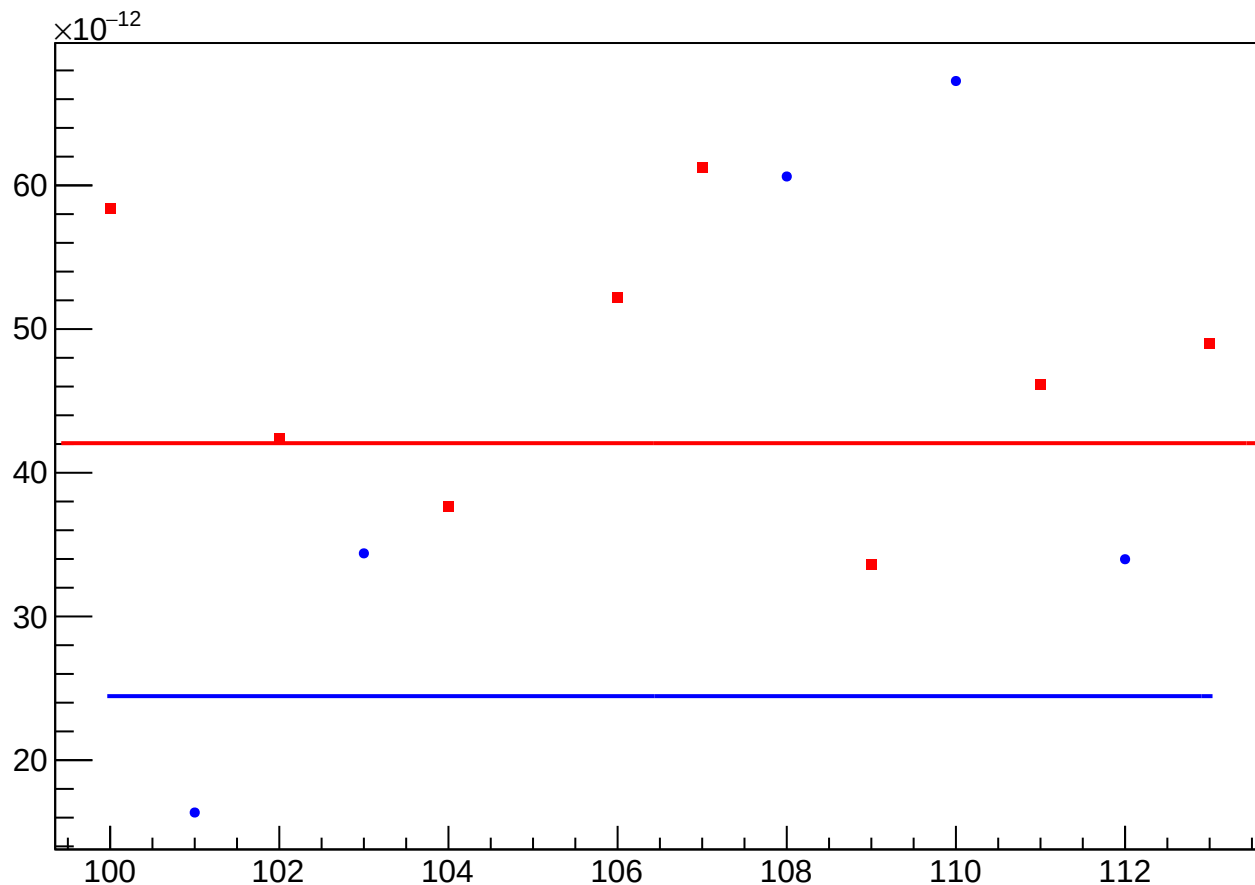
Right: -0.000+/-0.000 χ^2/NDF : 5.1/12

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 : 5.1/12

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 : 113758.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

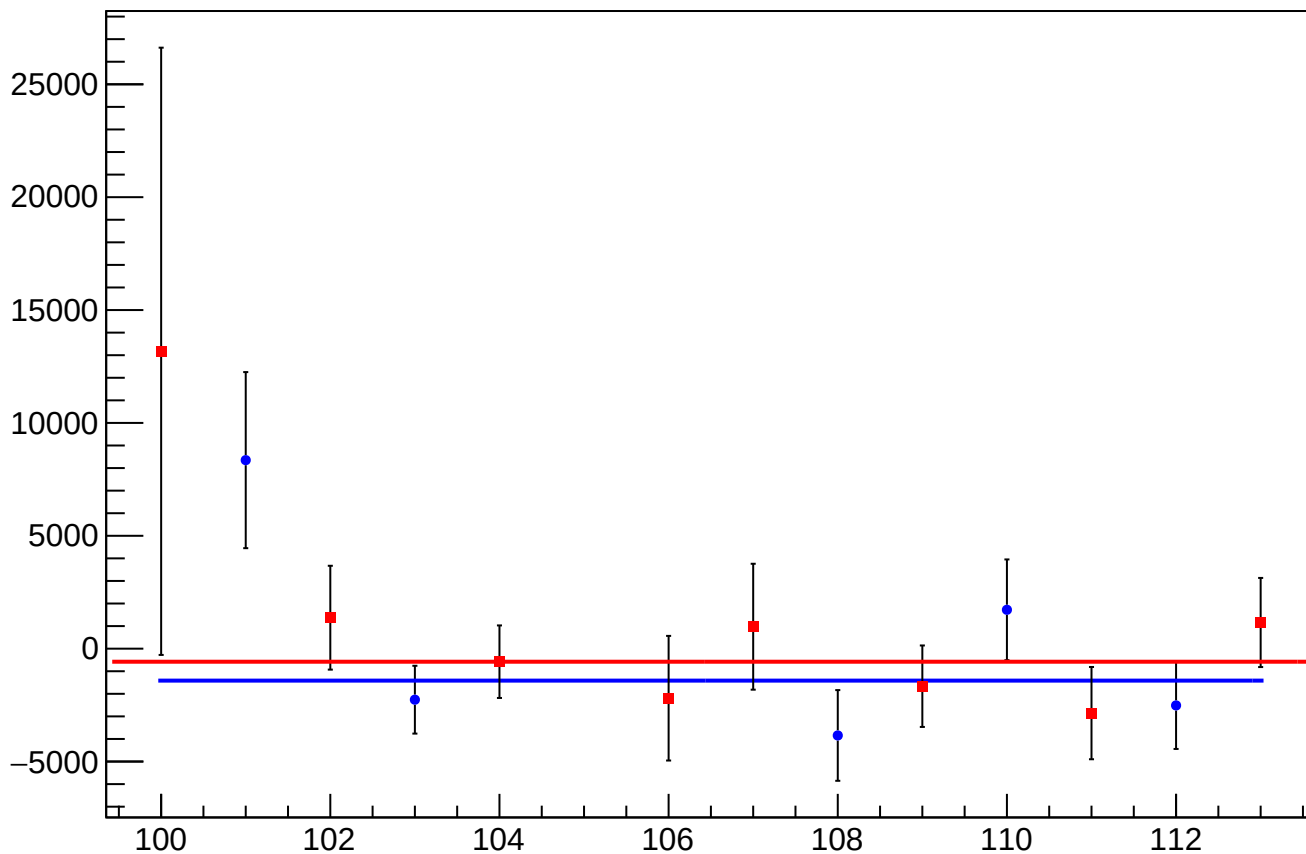
Right: 0.000+/-0.000 χ^2/NDF : 1267390.6/12

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 : 1267390.6/12

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: -578.285+/-779.701 χ^2/NDF : 4.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

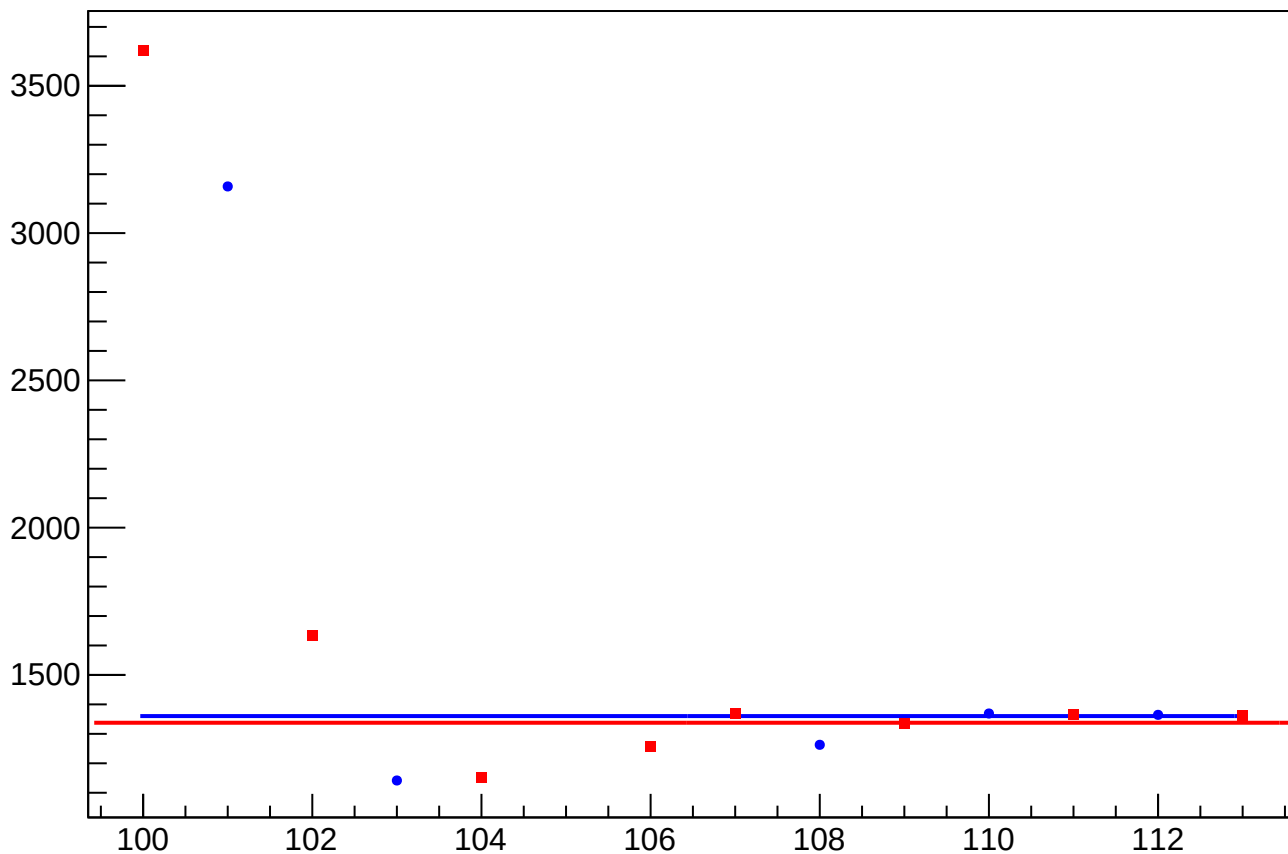
Right: -935.818+/-590.126 χ^2/NDF : 15.6/12

In: -1415.283+/-902.919 χ^2/NDF : 10.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -935.818+/-590.126 χ^2/NDF : 15.6/12

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: 1337.665+/-0.548 χ^2/NDF : 120806.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

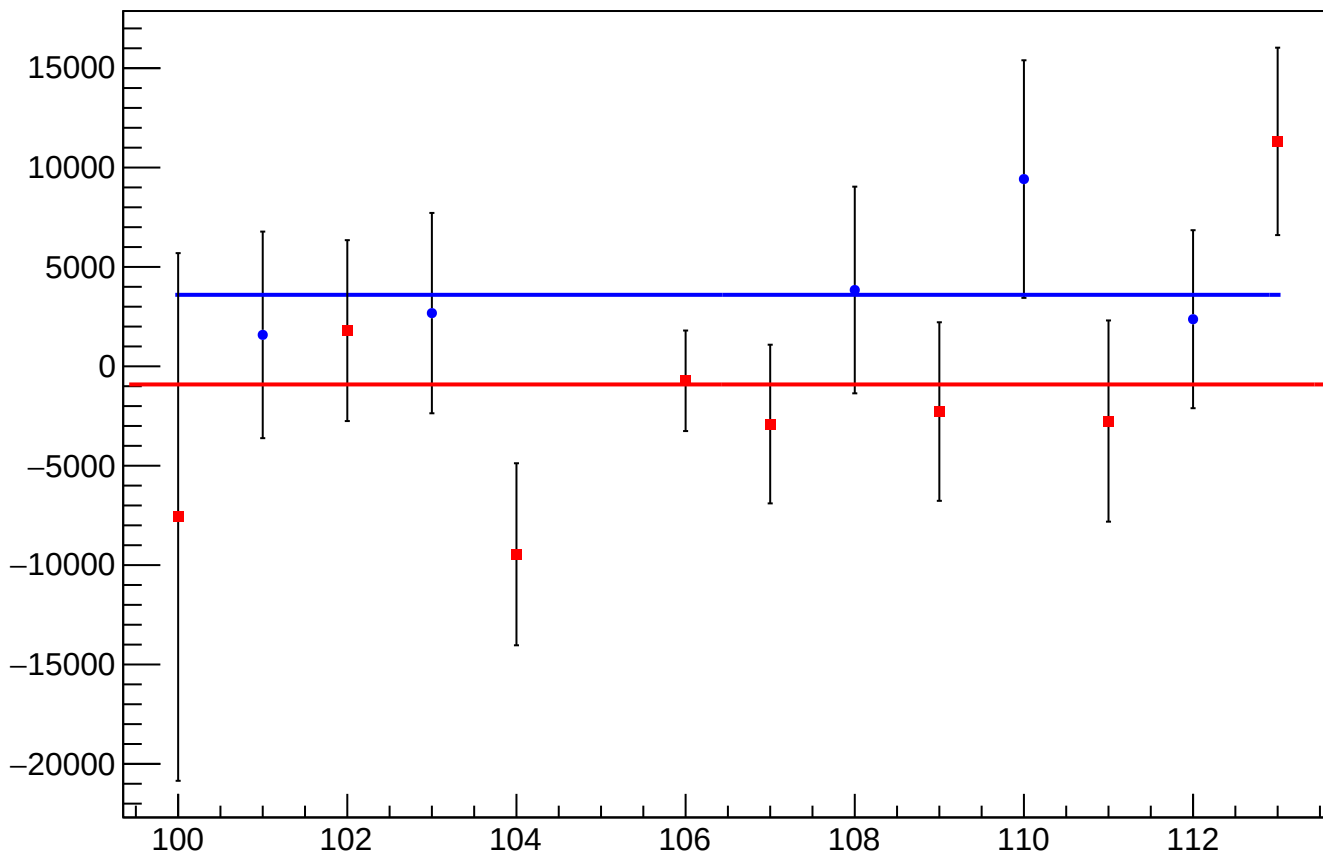
Right: 1347.267+/-0.416 χ^2/NDF : 593784.8/12

In: 1360.317+/-0.638 χ^2/NDF : 472253.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1347.267+/-0.416 χ^2/NDF : 593784.8/12

asym_at1_avg_at2_avg_dd_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: -911.596 $\pm$ 1483.479 χ^2 /NDF: 11.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

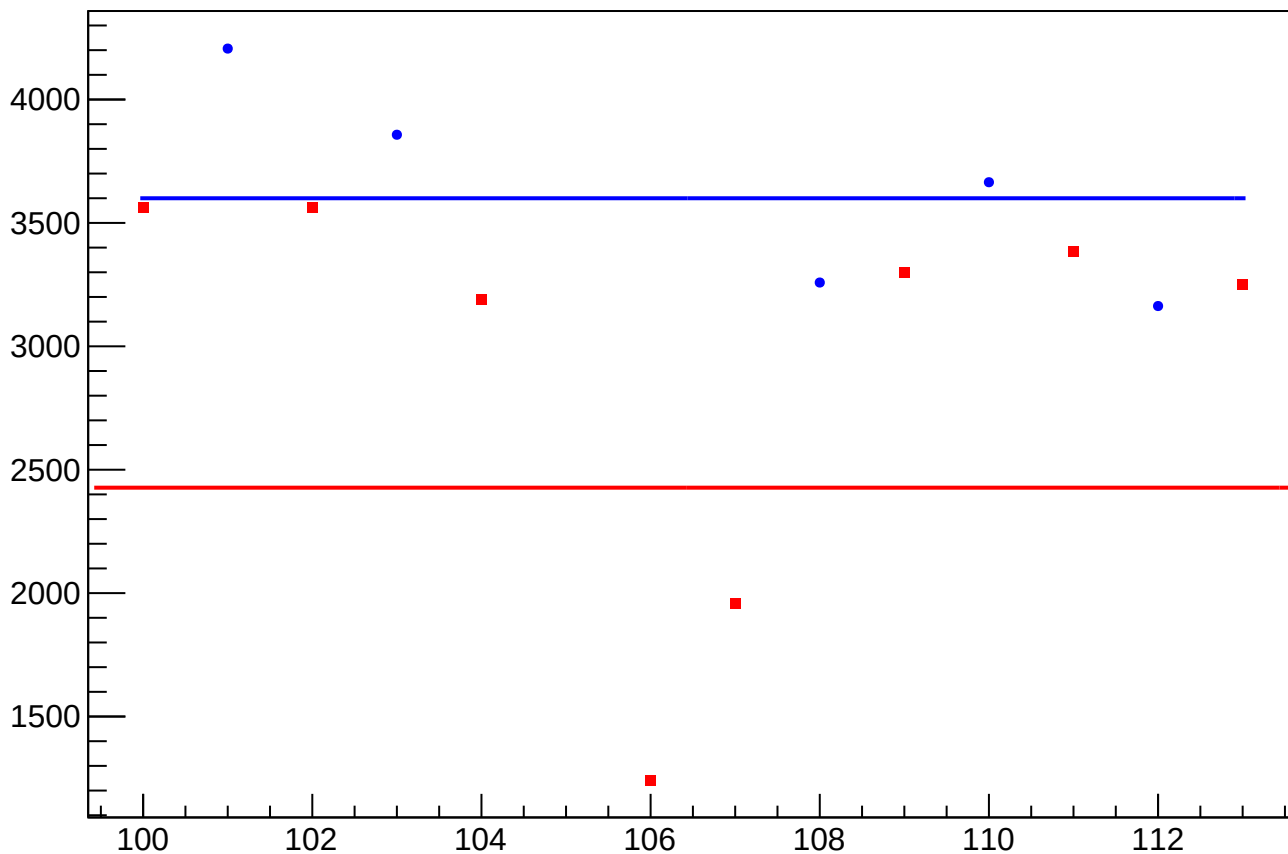
Right: 424.112 $\pm$ 1244.484 χ^2 /NDF: 15.2/12

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: 424.112 $\pm$ 1244.484 χ^2 /NDF: 15.2/12

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: 2427.268+/-1.049 χ^2/NDF : 869254.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

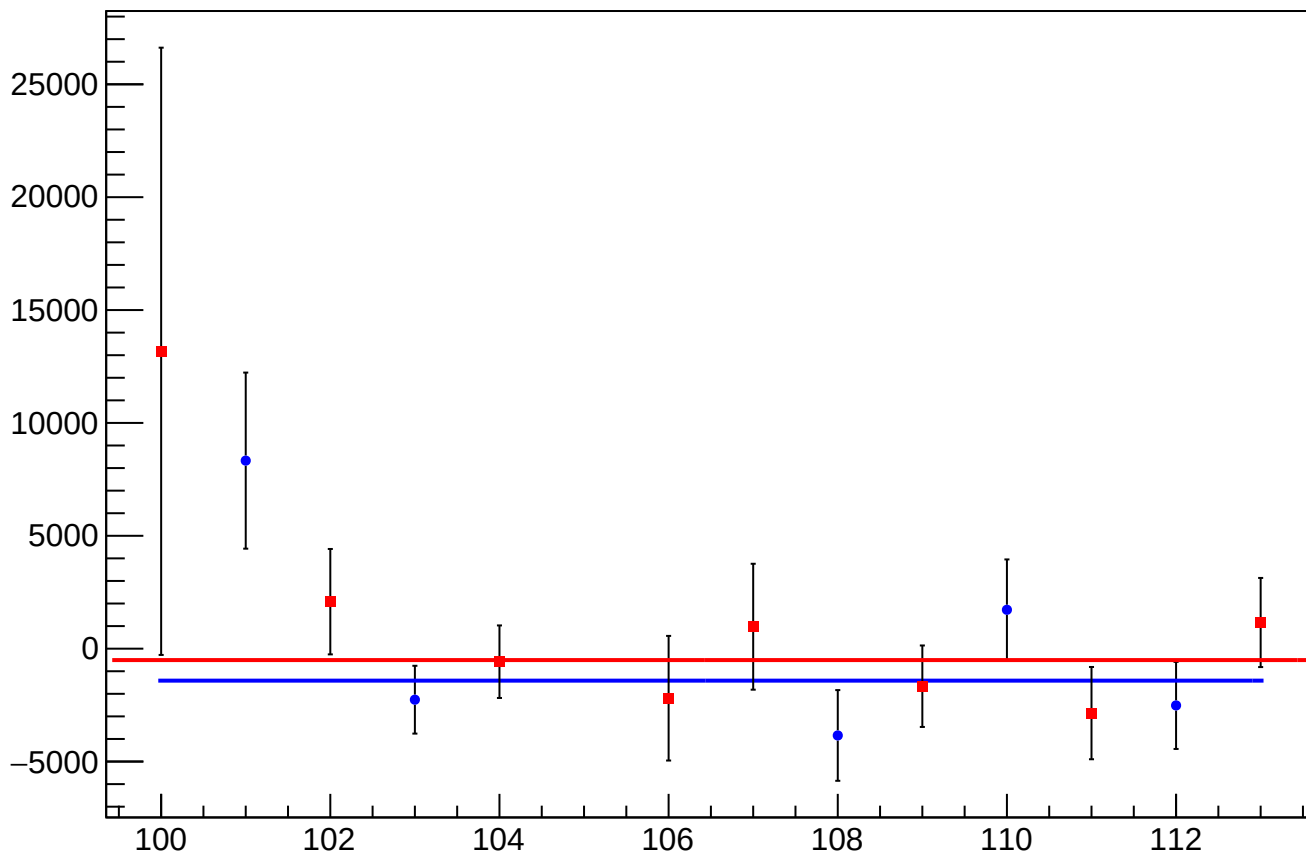
Right: 2774.675+/-0.880 χ^2/NDF : 1299842.3/12

In: 3599.934+/-1.617 χ^2/NDF : 60351.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2774.675+/-0.880 χ^2/NDF : 1299842.3/12

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: -505.605+/-781.025 χ^2/NDF : 5.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

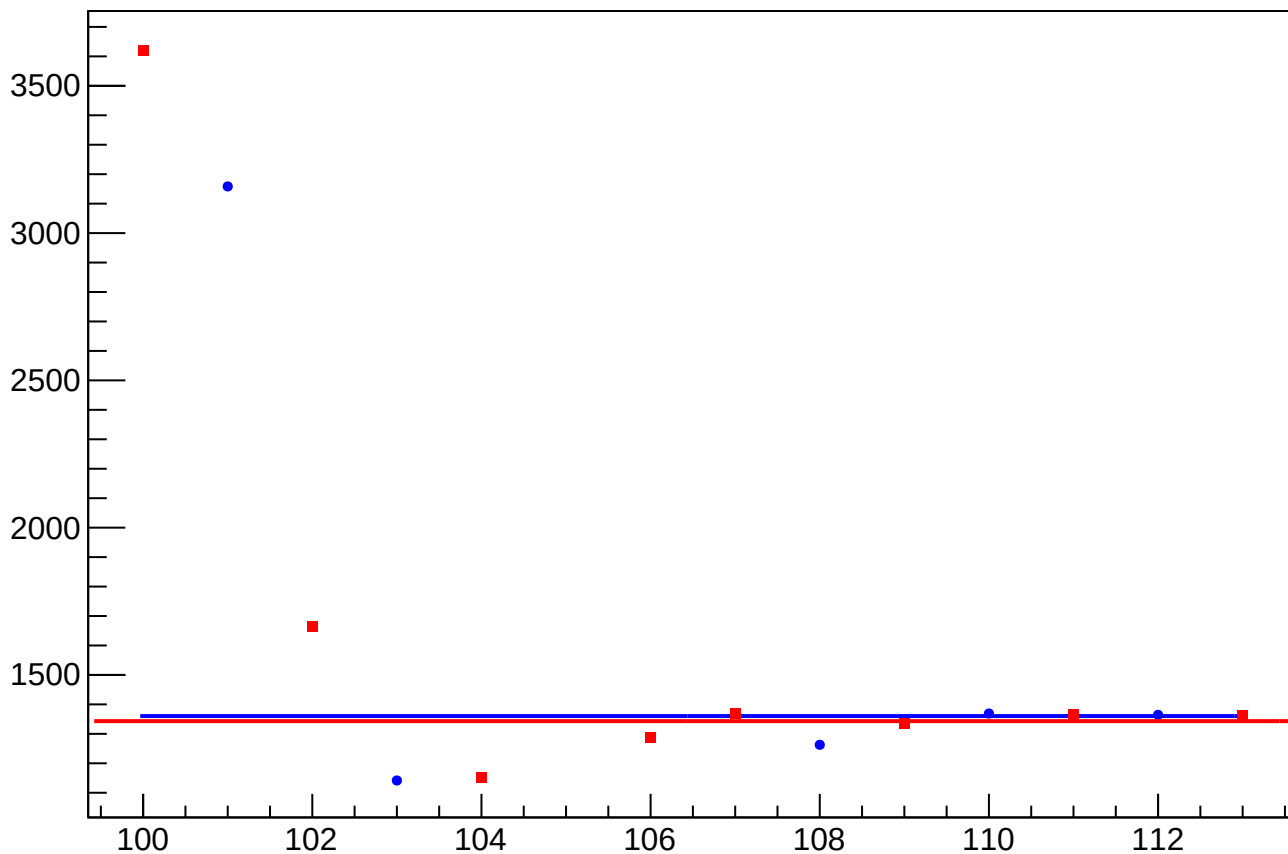
Right: -895.403+/-590.699 χ^2/NDF : 16.3/12

In: -1416.367+/-902.919 χ^2/NDF : 10.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -895.403+/-590.699 χ^2/NDF : 16.3/12

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: 1343.114+/-0.550 χ^2/NDF : 125904.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

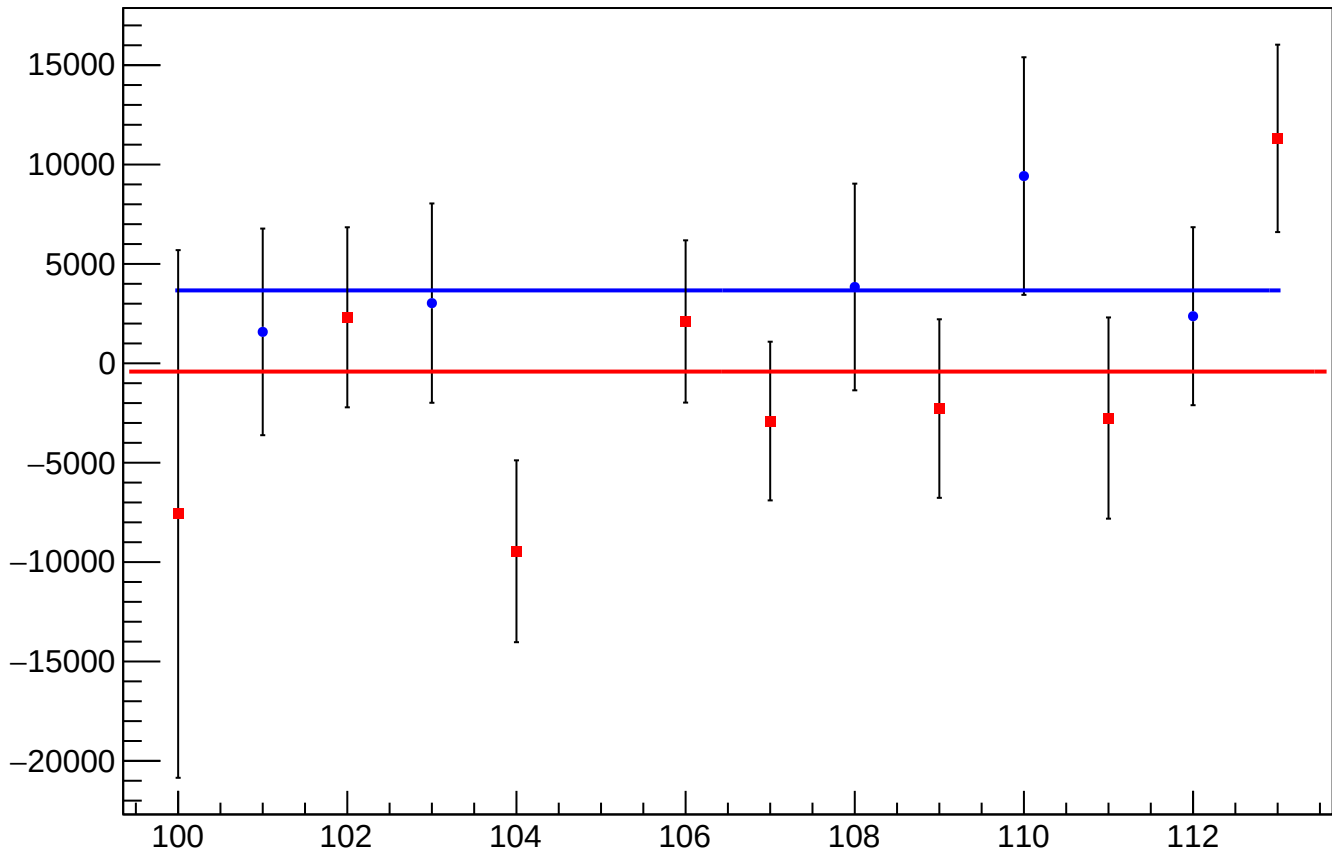
Right: 1350.437+/-0.417 χ^2/NDF : 598576.8/12

In: 1360.316+/-0.638 χ^2/NDF : 472255.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1350.437+/-0.417 χ^2/NDF : 598576.8/12

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: -415.290+/-1669.939 χ^2/NDF : 11.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

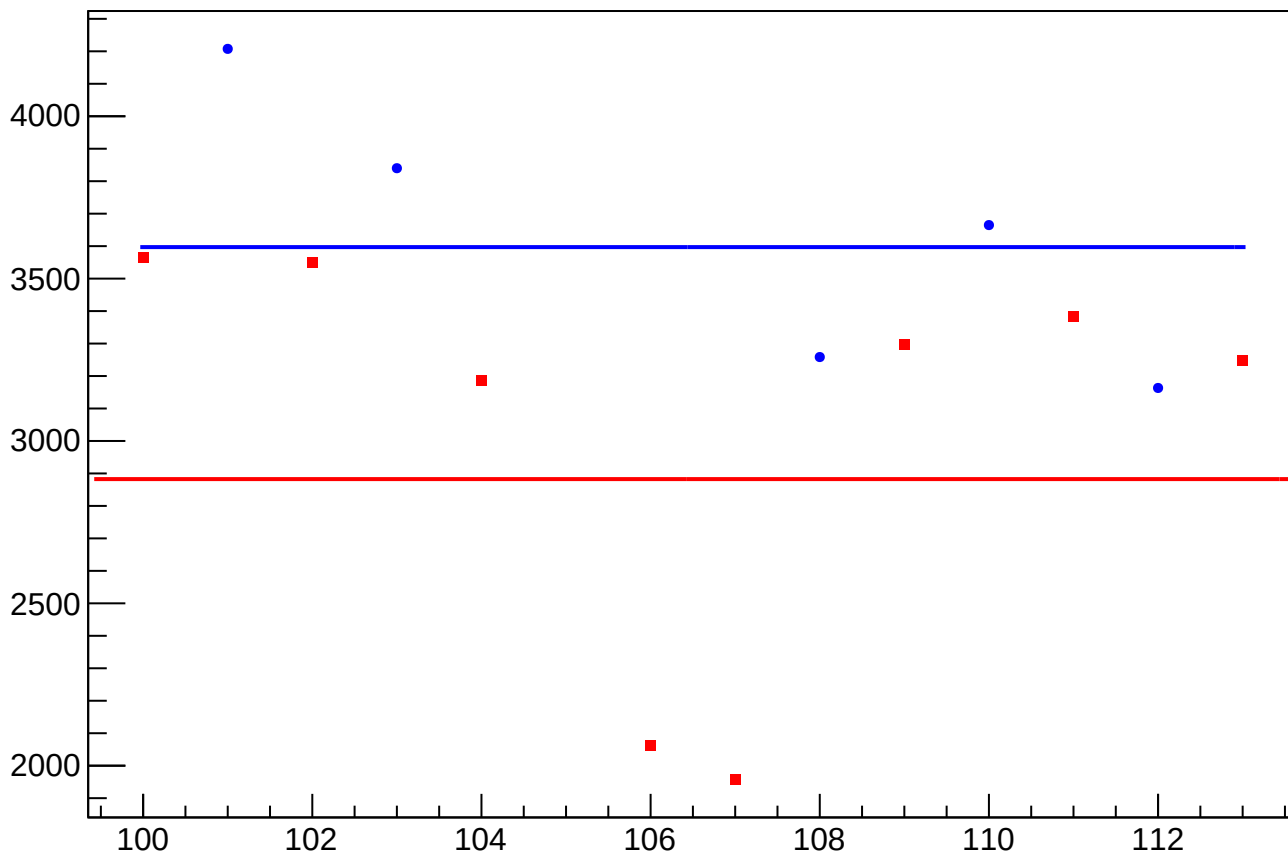
Right: 1007.083+/-1348.072 χ^2/NDF : 15.2/12

In: 3668.066+/-2284.100 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1007.083+/-1348.072 χ^2/NDF : 15.2/12

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: 2882.604+/-1.181 χ^2/NDF : 294878.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

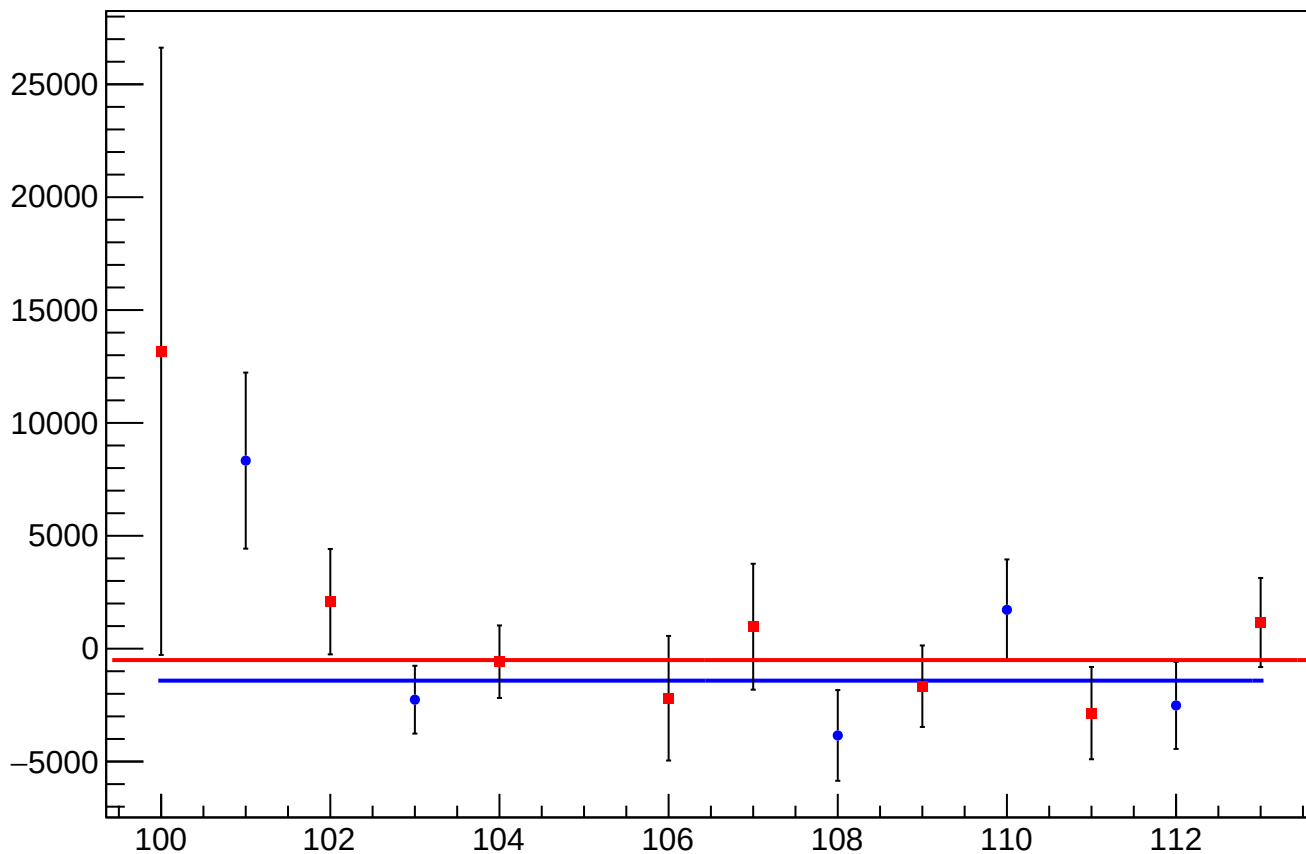
Right: 3131.467+/-0.953 χ^2/NDF : 482194.1/12

In: 3597.041+/-1.615 χ^2/NDF : 59803.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3131.467+/-0.953 χ^2/NDF : 482194.1/12

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: -505.605+/-781.025 χ^2/NDF : 5.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

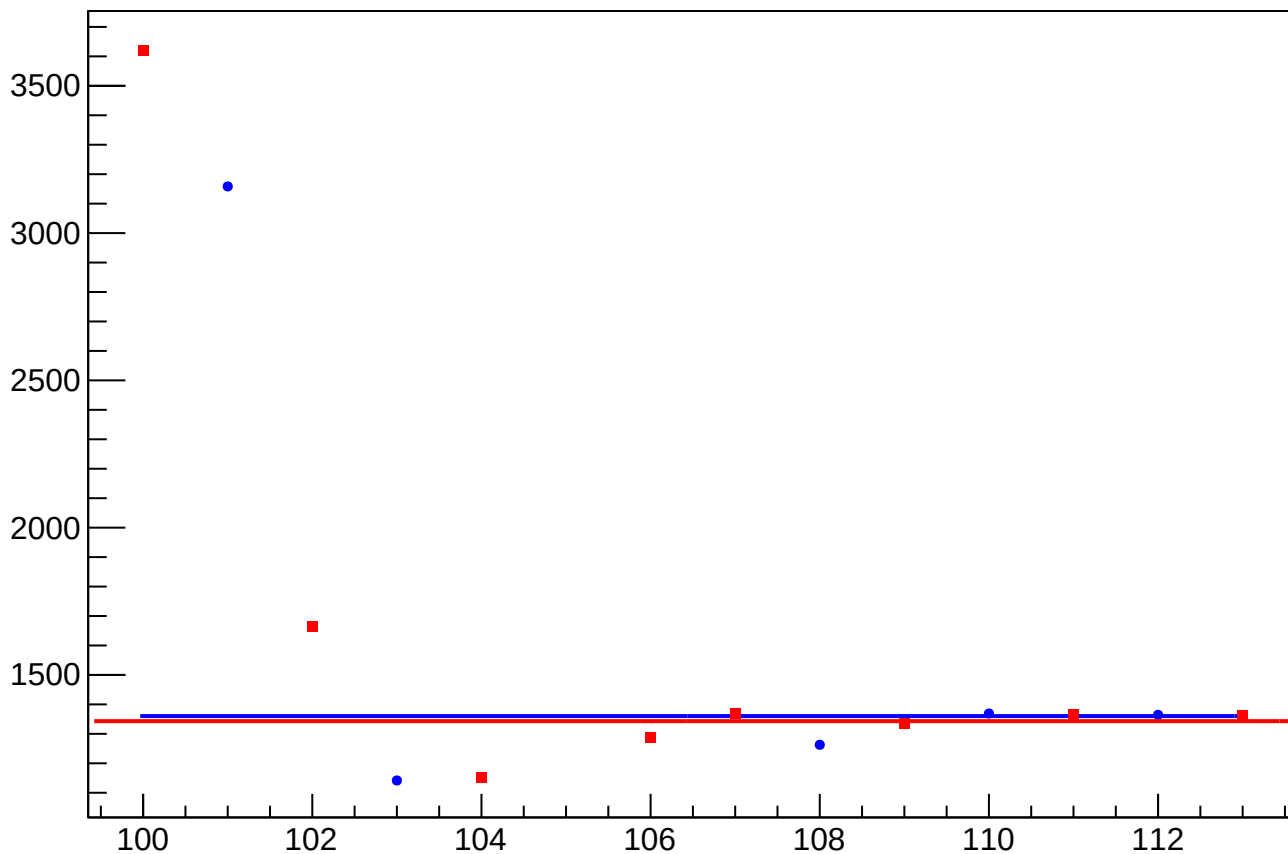
Right: -895.403+/-590.699 χ^2/NDF : 16.3/12

In: -1416.367+/-902.919 χ^2/NDF : 10.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -895.403+/-590.699 χ^2/NDF : 16.3/12

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: 1343.114+/-0.550 χ^2/NDF : 125904.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

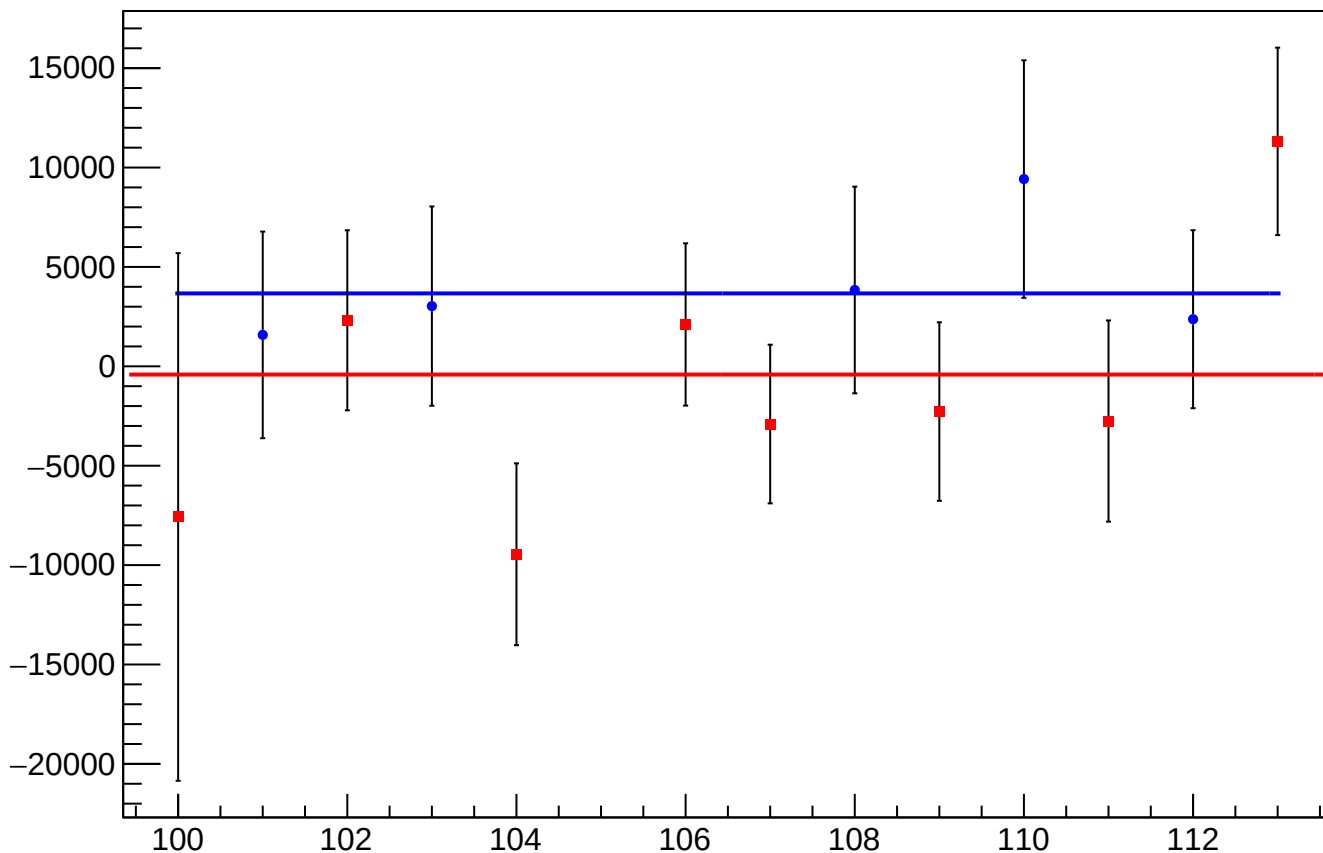
Right: 1350.437+/-0.417 χ^2/NDF : 598576.8/12

In: 1360.316+/-0.638 χ^2/NDF : 472255.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1350.437+/-0.417 χ^2/NDF : 598576.8/12

asym_at1_avg_at2_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 3668.066 $\pm$ 2284.100 χ^2 /NDF: 1.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -415.290 $\pm$ 1669.939 χ^2 /NDF: 11.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

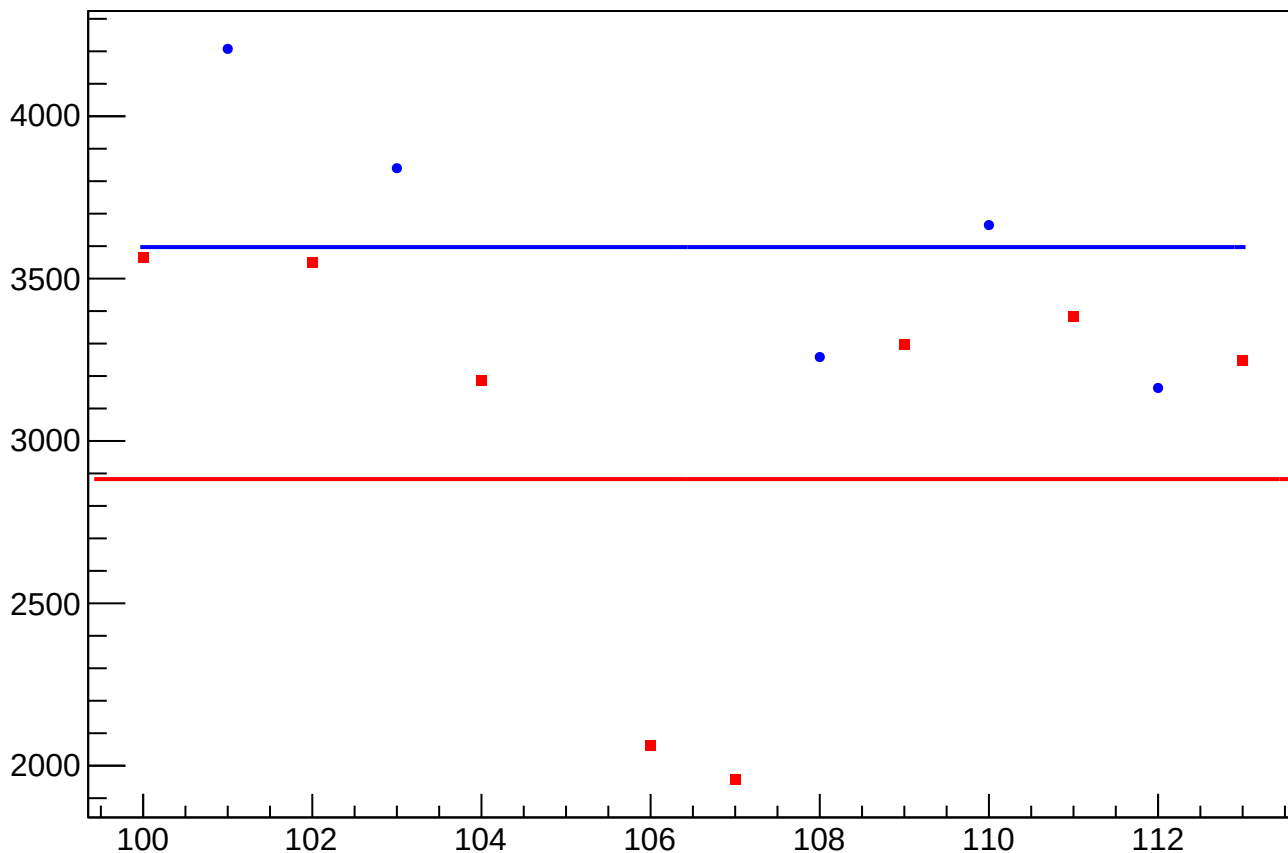
Right: 1007.083 $\pm$ 1348.072 χ^2 /NDF: 15.2/12

In: 3668.066 $\pm$ 2284.100 χ^2 /NDF: 1.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1007.083 $\pm$ 1348.072 χ^2 /NDF: 15.2/12

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: 2882.604+/-1.181 χ^2/NDF : 294878.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

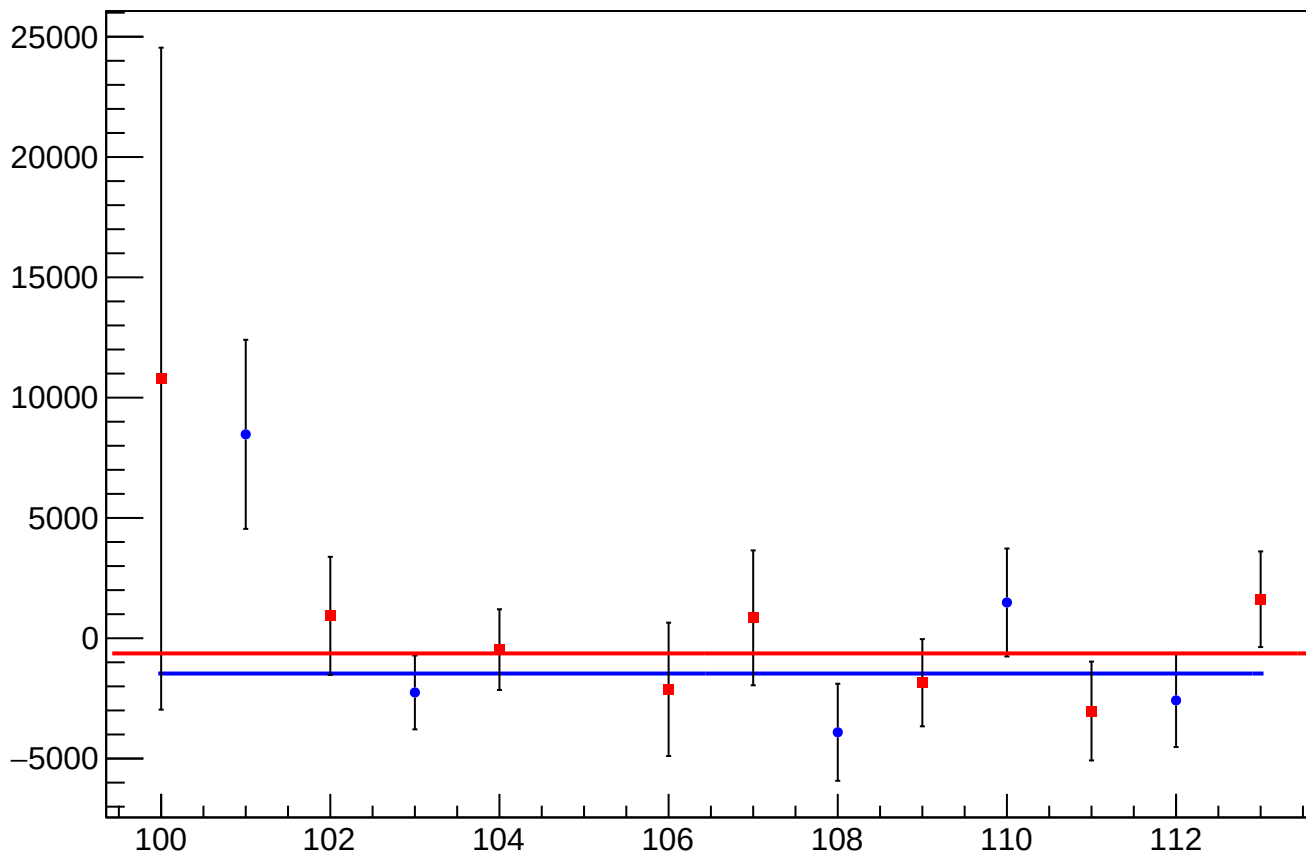
Right: 3131.467+/-0.953 χ^2/NDF : 482194.1/12

In: 3597.041+/-1.615 χ^2/NDF : 59803.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3131.467+/-0.953 χ^2/NDF : 482194.1/12

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: -630.333+/-795.893 χ^2/NDF : 4.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

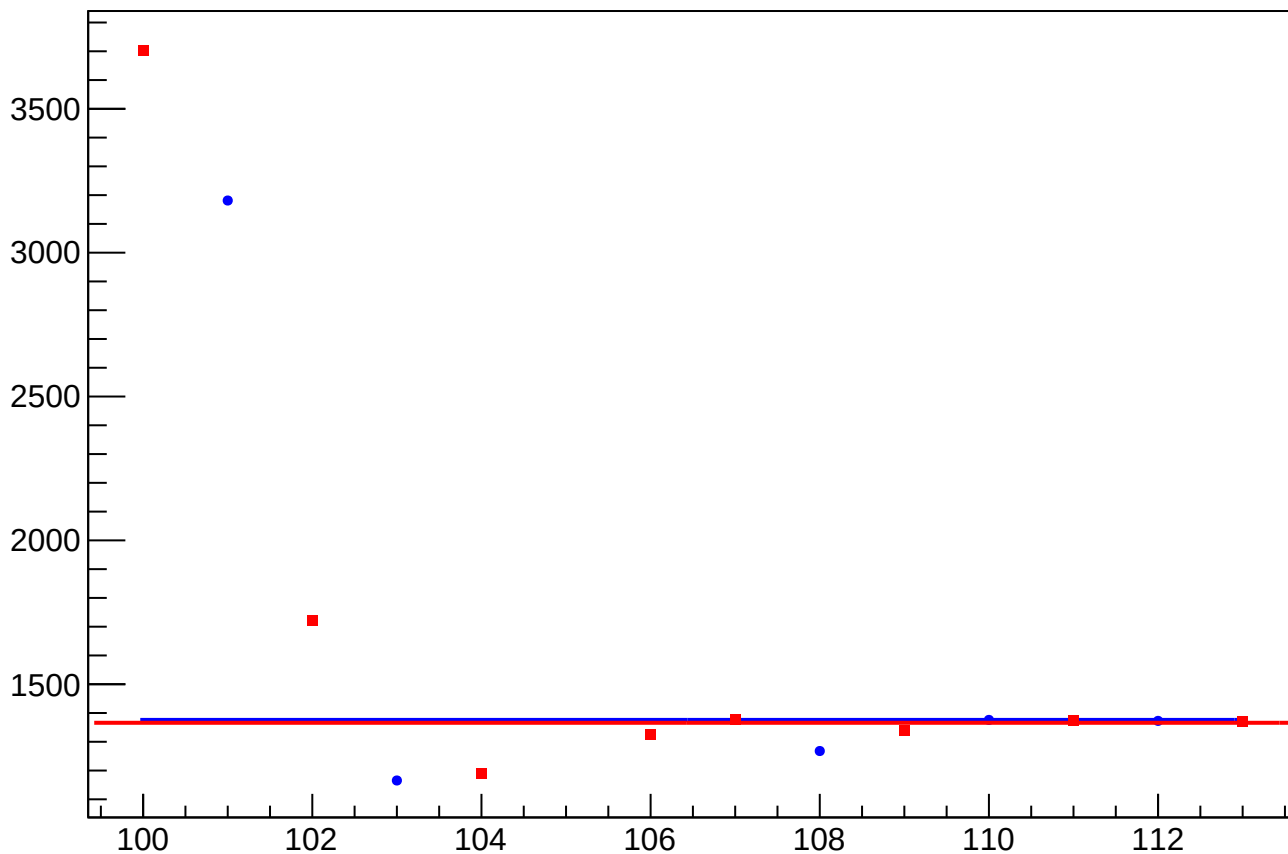
Right: -991.266+/-599.906 χ^2/NDF : 15.4/12

In: -1466.101+/-912.879 χ^2/NDF : 10.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -991.266+/-599.906 χ^2/NDF : 15.4/12

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: 1365.991+/-0.562 χ^2/NDF : 122488.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

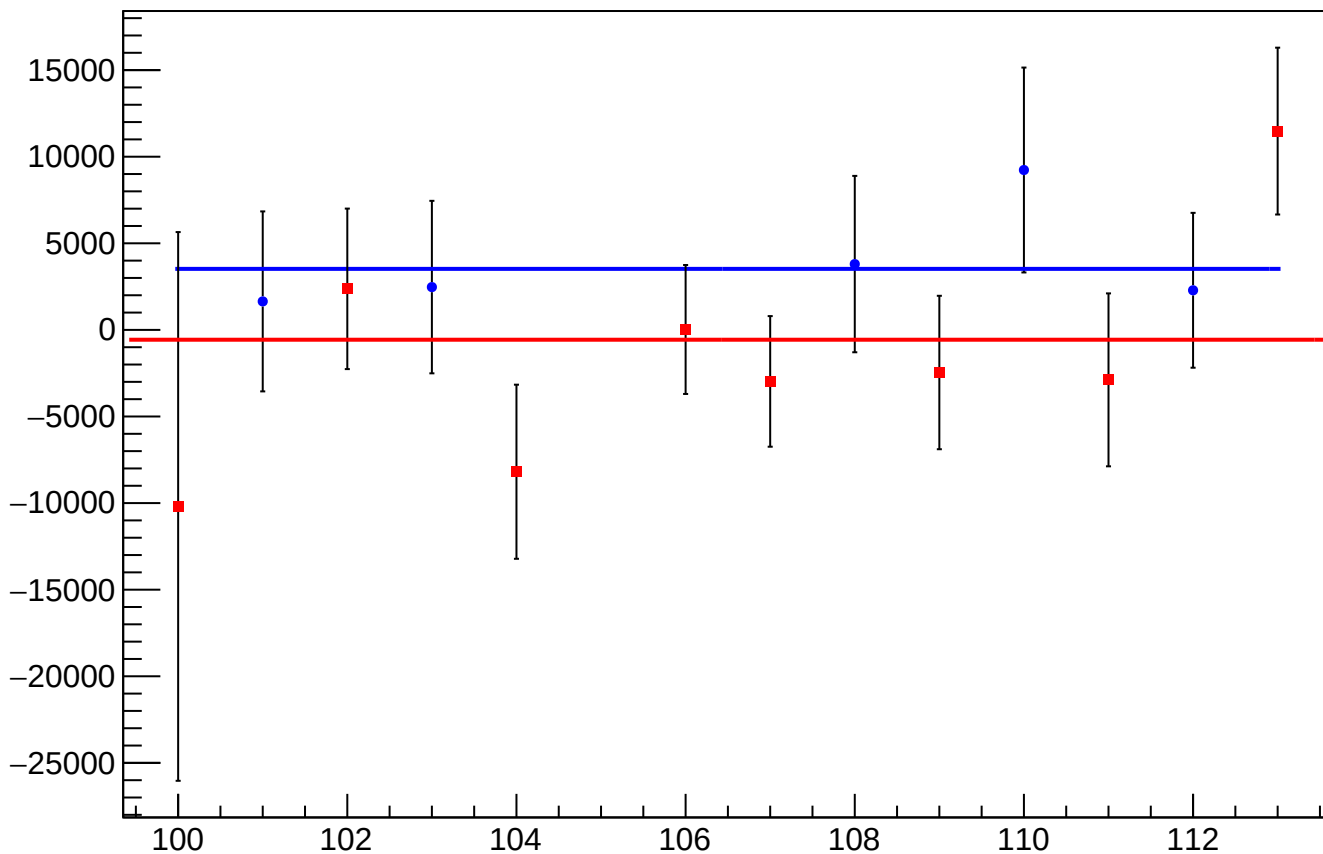
Right: 1370.303+/-0.424 χ^2/NDF : 588249.5/12

In: 1375.999+/-0.646 χ^2/NDF : 465624.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1370.303+/-0.424 χ^2/NDF : 588249.5/12

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: -567.301+/-1651.209 χ^2/NDF : 10.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

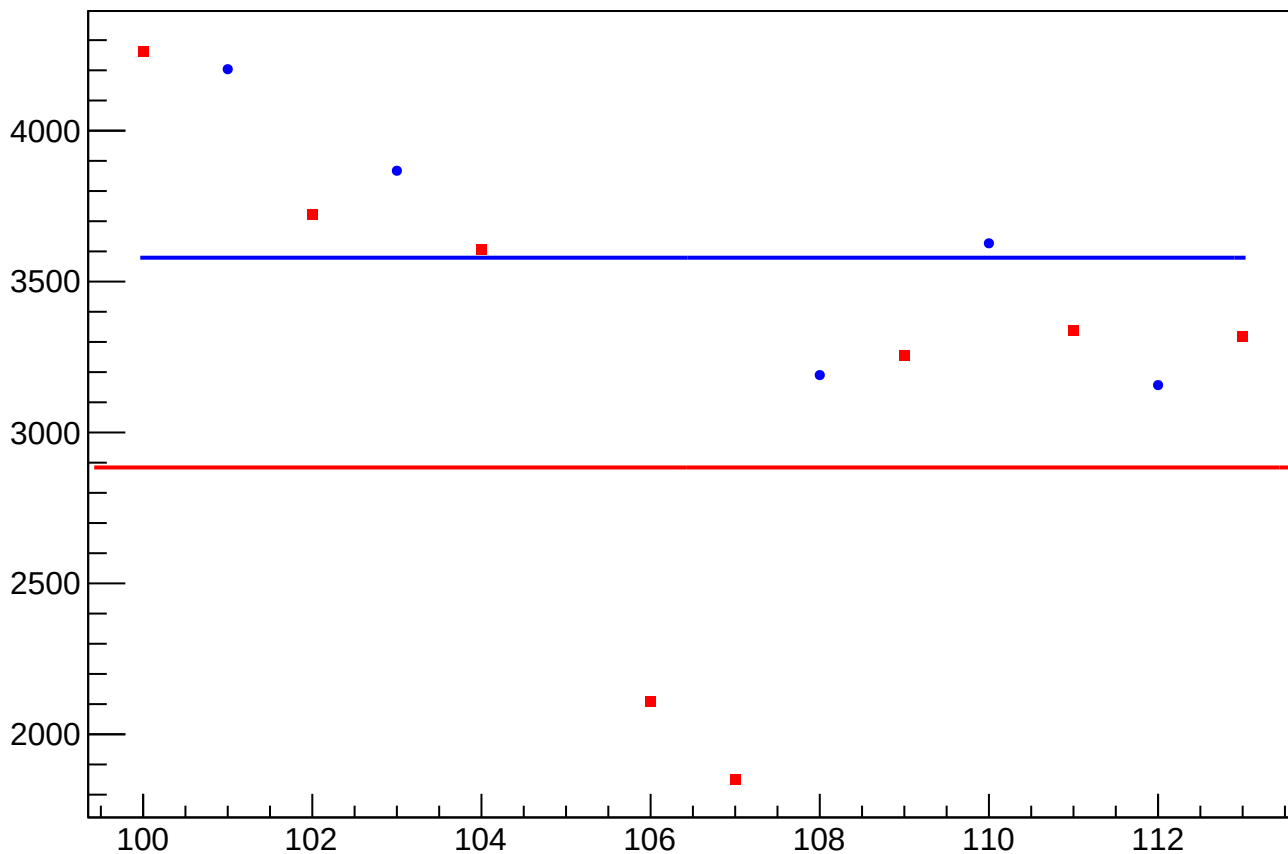
Right: 850.528+/-1334.746 χ^2/NDF : 13.5/12

In: 3523.630+/-2267.241 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 850.528+/-1334.746 χ^2/NDF : 13.5/12

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: 2884.066+/-1.168 χ^2/NDF : 406307.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

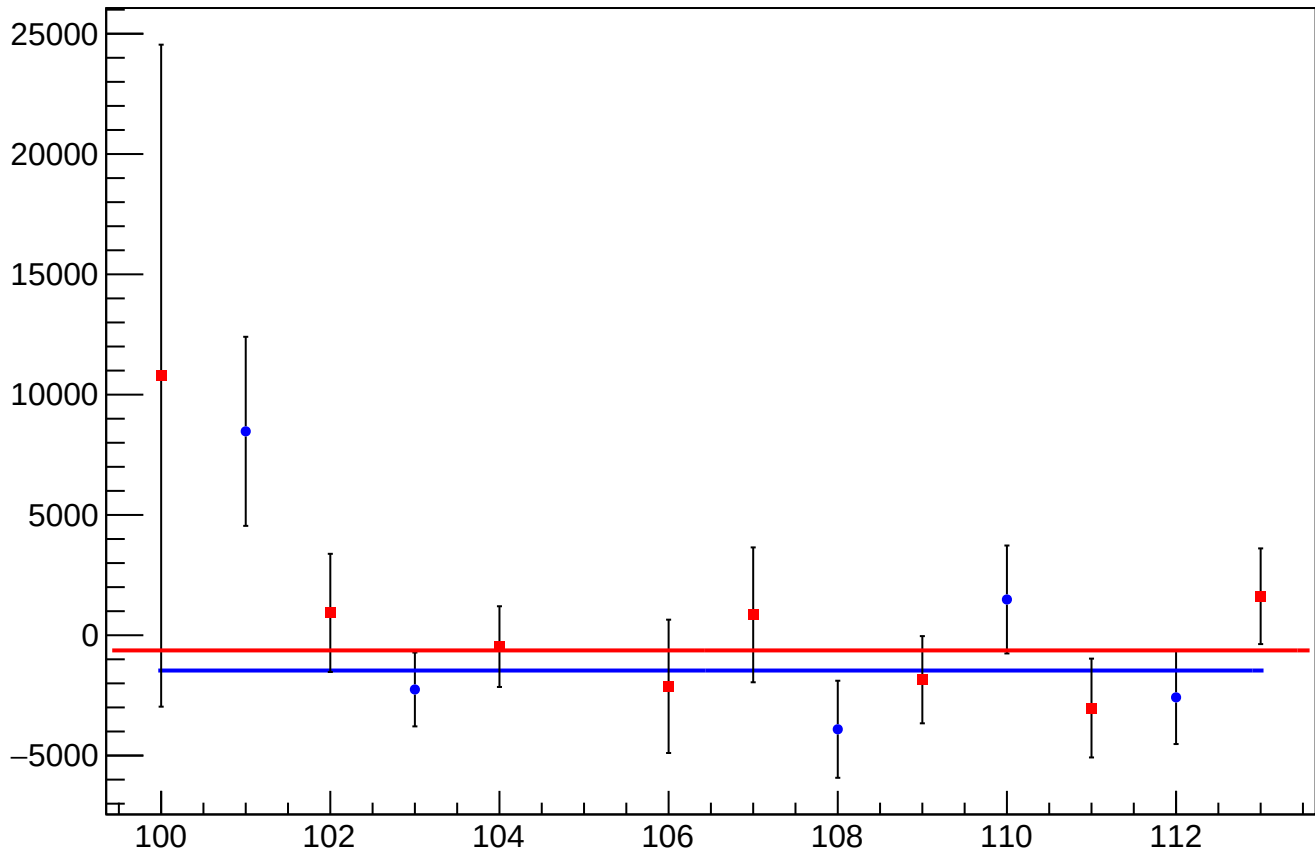
Right: 3124.963+/-0.944 χ^2/NDF : 594353.4/12

In: 3579.136+/-1.603 χ^2/NDF : 65221.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3124.963+/-0.944 χ^2/NDF : 594353.4/12

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: -630.343+/-795.893 χ^2/NDF : 4.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

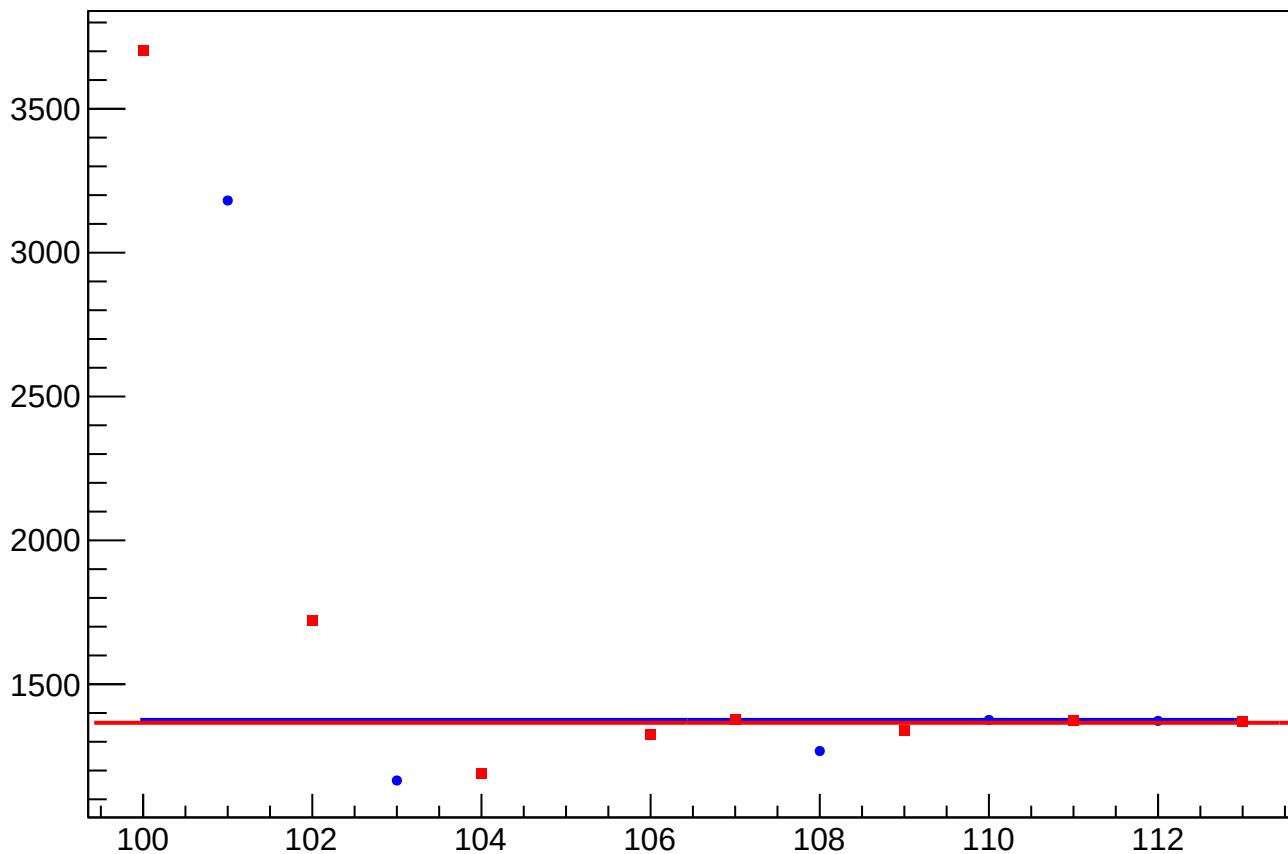
Right: -991.274+/-599.906 χ^2/NDF : 15.4/12

In: -1466.108+/-912.879 χ^2/NDF : 10.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -991.274+/-599.906 χ^2/NDF : 15.4/12

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: 1365.991+/-0.562 χ^2/NDF : 122488.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

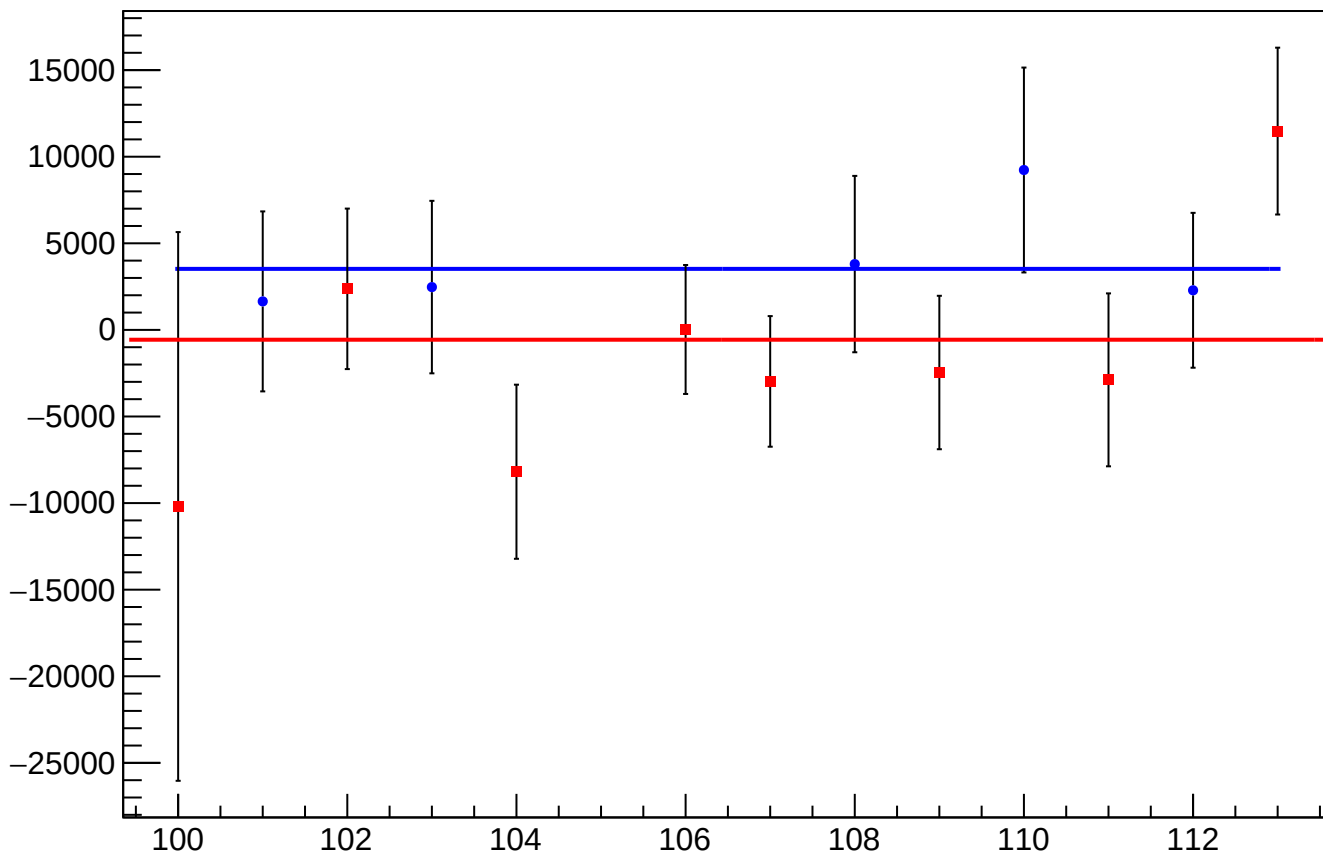
Right: 1370.303+/-0.424 χ^2/NDF : 588249.6/12

In: 1375.999+/-0.646 χ^2/NDF : 465624.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1370.303+/-0.424 χ^2/NDF : 588249.6/12

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: -567.306+/-1651.206 χ^2/NDF : 10.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

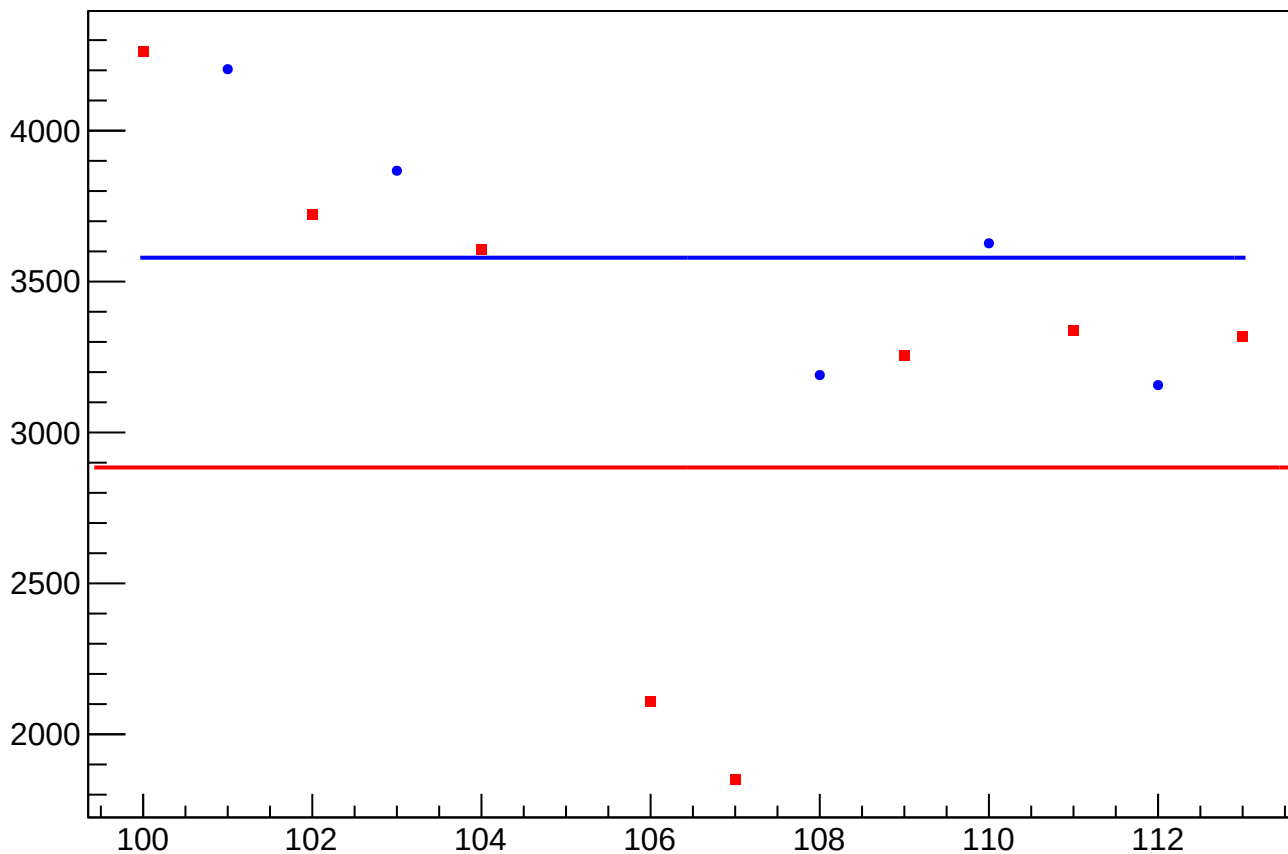
Right: 850.523+/-1334.744 χ^2/NDF : 13.5/12

In: 3523.628+/-2267.238 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 850.523+/-1334.744 χ^2/NDF : 13.5/12

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: 2884.060+/-1.168 χ^2/NDF : 406310.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

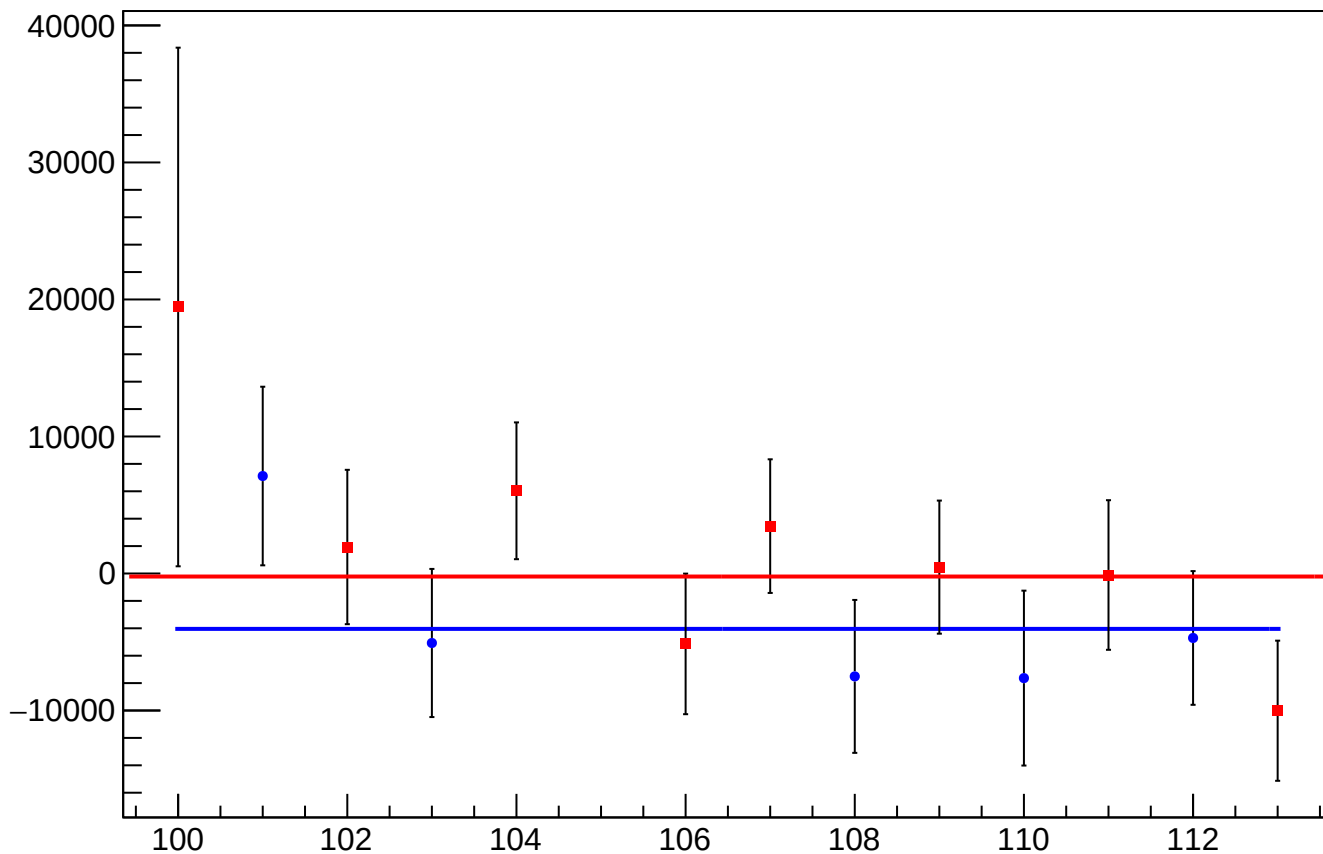
Right: 3124.957+/-0.944 χ^2/NDF : 594357.4/12

In: 3579.131+/-1.603 χ^2/NDF : 65222.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3124.957+/-0.944 χ^2/NDF : 594357.4/12

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: -221.731+/-1929.250 χ^2/NDF : 8.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

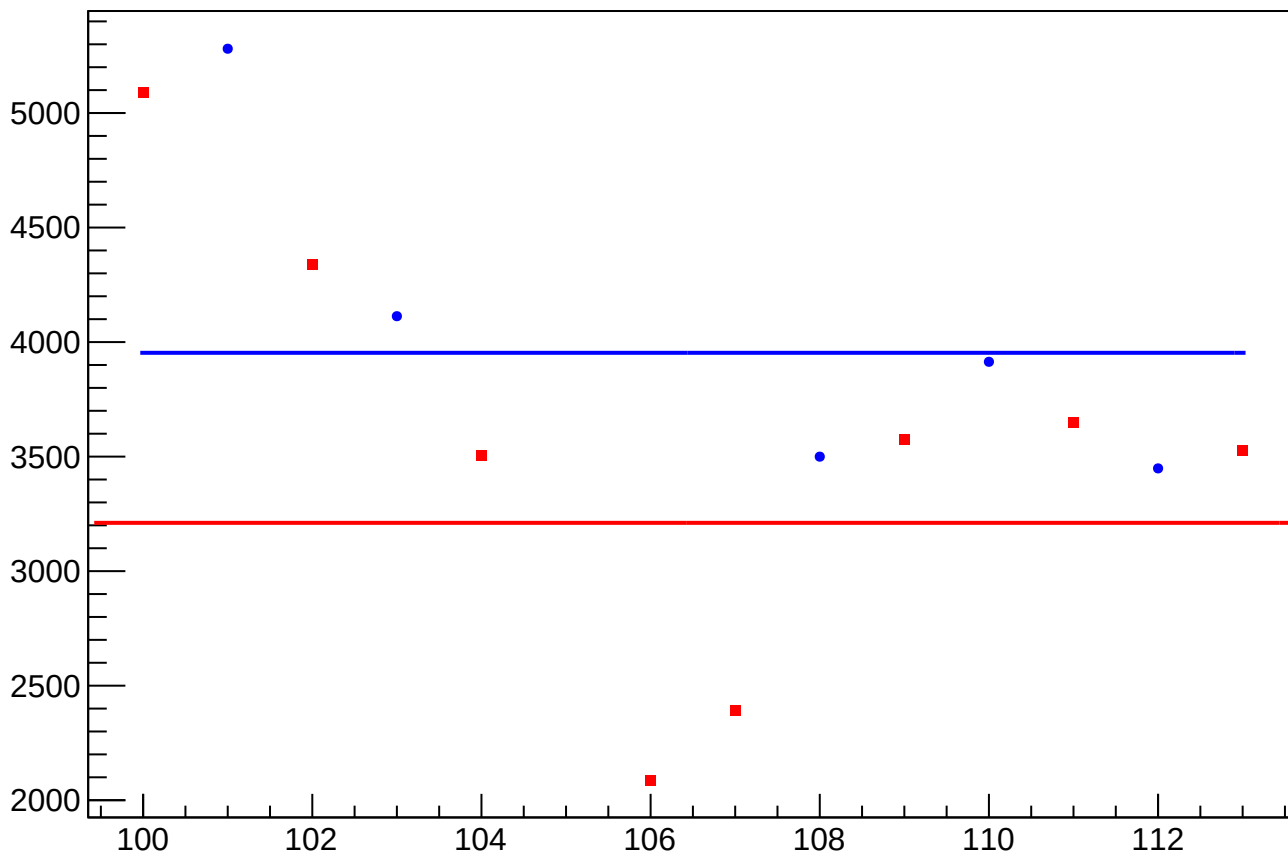
Right: -1627.890+/-1533.737 χ^2/NDF : 13.1/12

In: -4042.931+/-2528.329 χ^2/NDF : 3.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1627.890+/-1533.737 χ^2/NDF : 13.1/12

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: 3210.851+/-1.326 χ^2/NDF : 329634.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

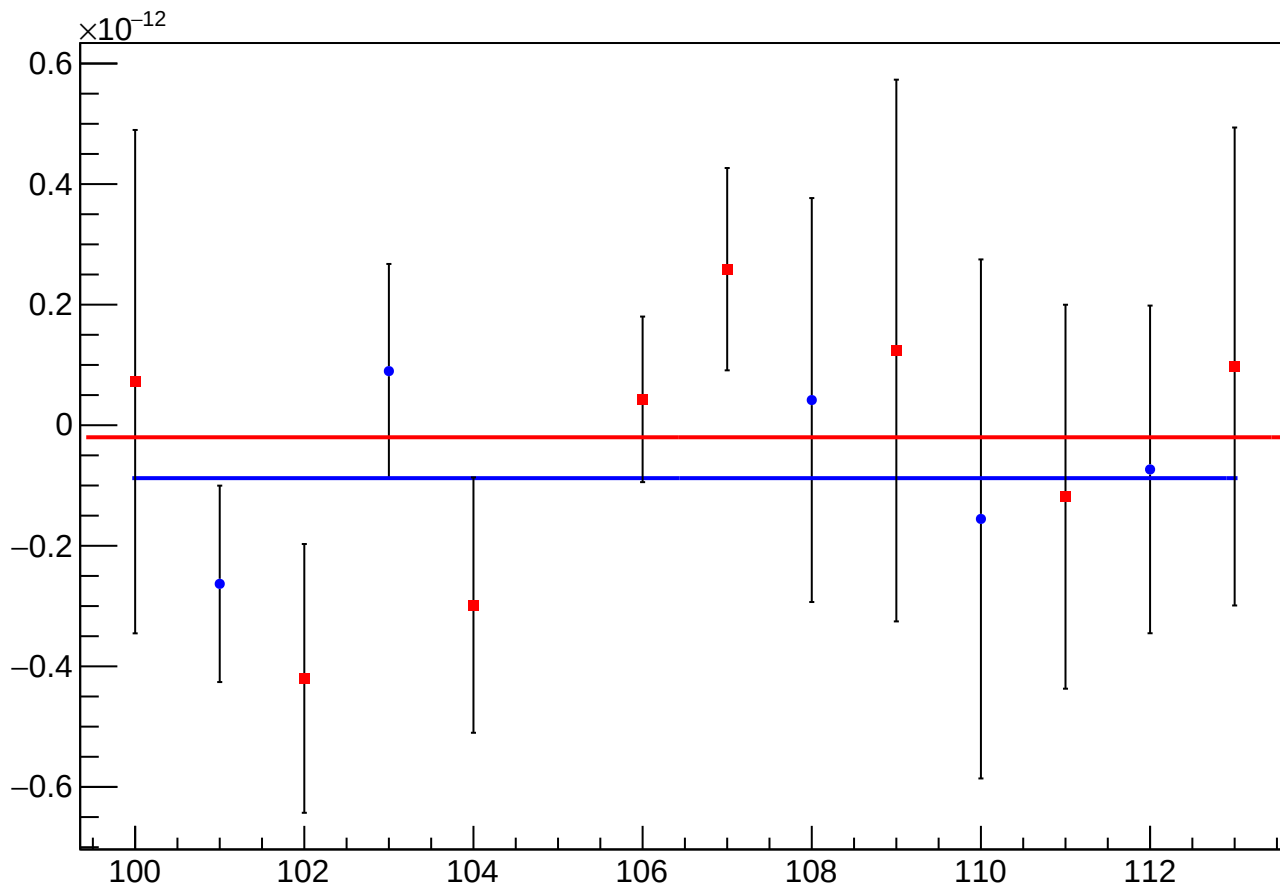
Right: 3474.362+/-1.065 χ^2/NDF : 560221.4/12

In: 3953.175+/-1.788 χ^2/NDF : 119376.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3474.362+/-1.065 χ^2/NDF : 560221.4/12

asym_at1_avg_at2_avg_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 : 8.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

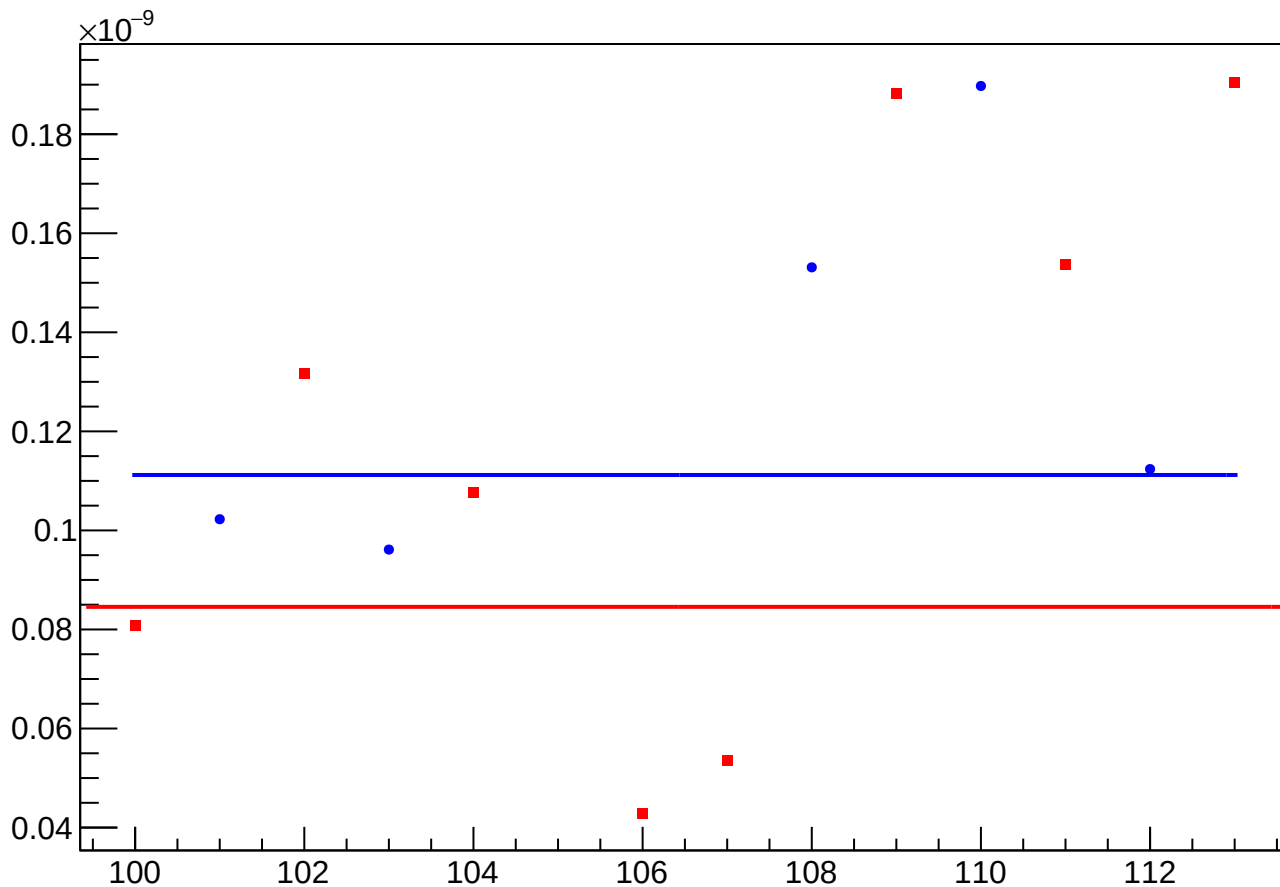
Right: -0.000+/-0.000 χ^2/NDF : 10.9/12

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 : 10.9/12

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 : 710553.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

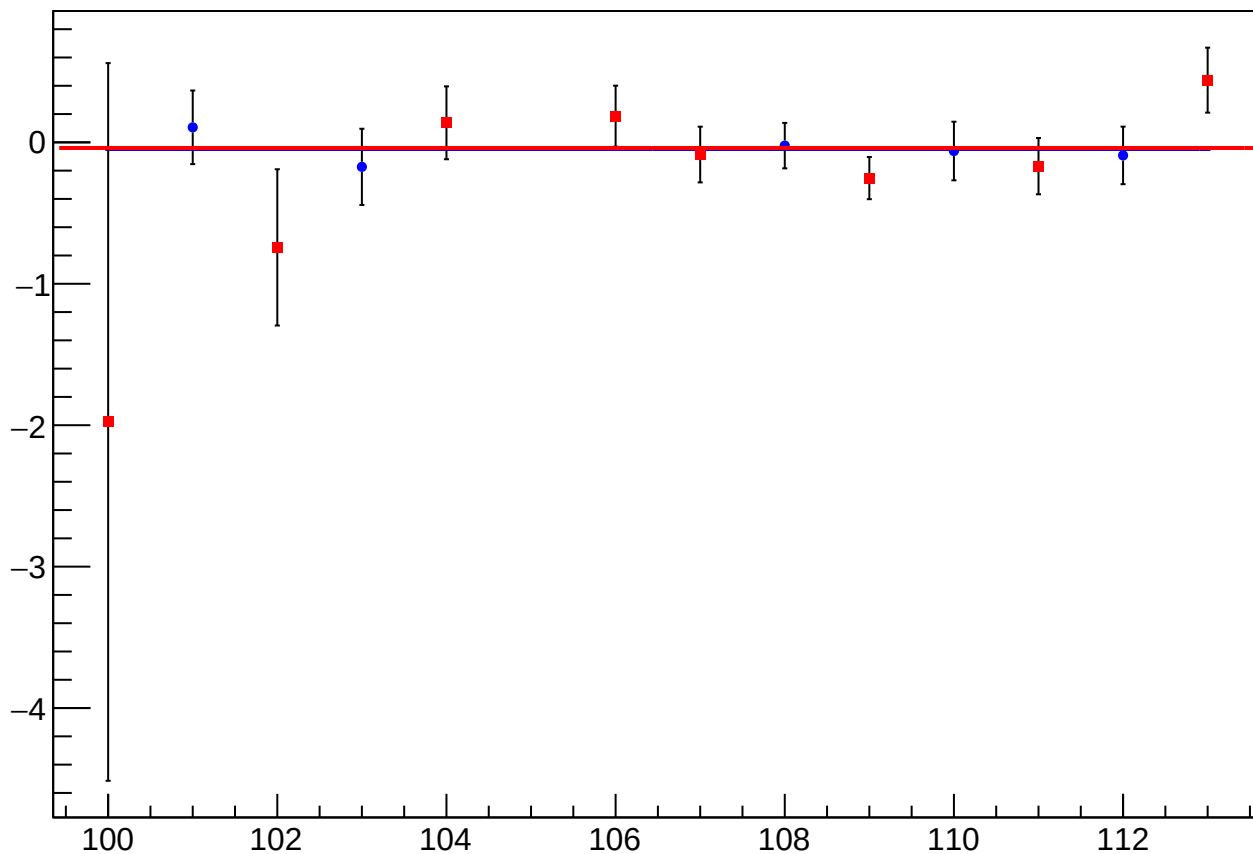
Right: 0.000+/-0.000 χ^2/NDF : 914143.5/12

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 : 914143.5/12

asym_at1_avg_at2_avg_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: -0.040+/-0.080 χ^2/NDF : 10.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

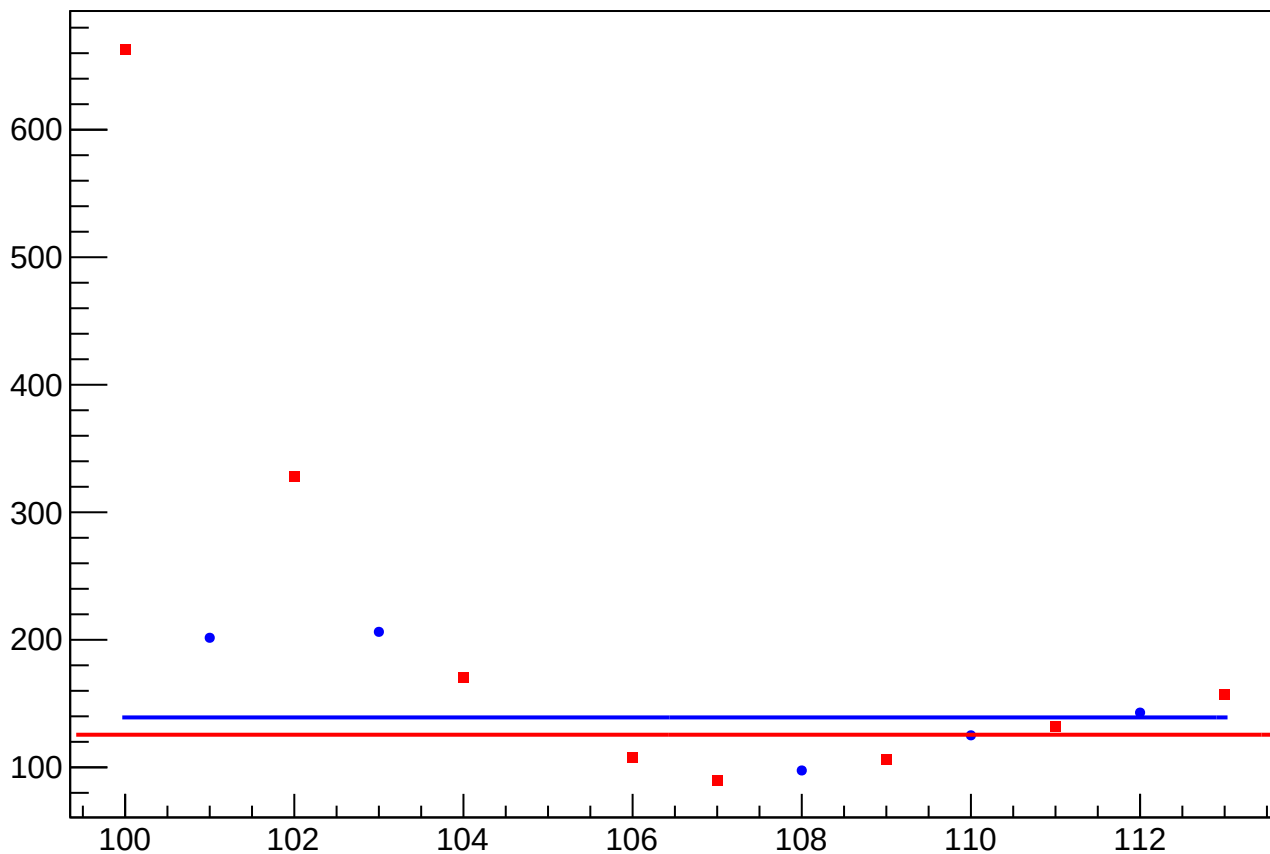
Right: -0.043+/-0.061 χ^2/NDF : 11.3/12

In: -0.047+/-0.093 χ^2/NDF : 0.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.043+/-0.061 χ^2/NDF : 11.3/12

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: 125.574+/-0.057 χ^2/NDF : 572839.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

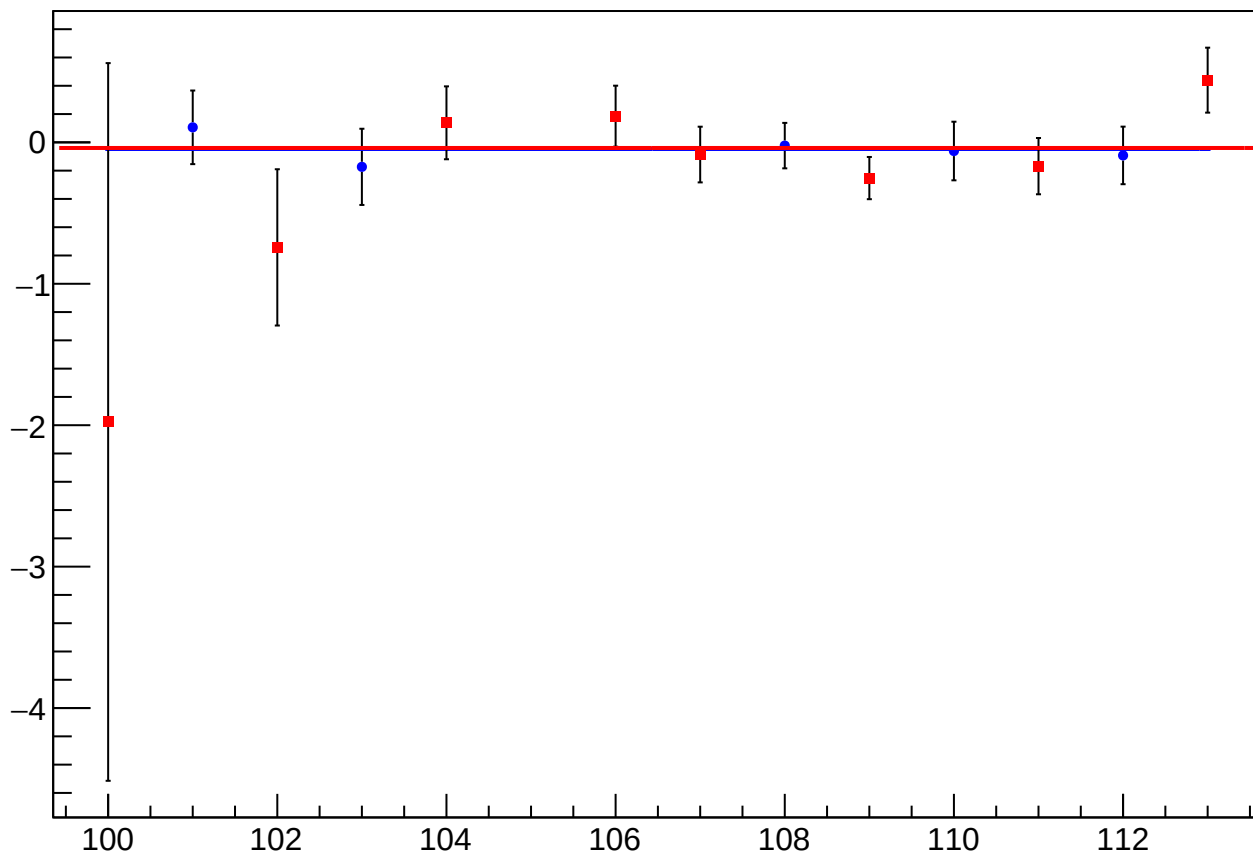
Right: 131.349+/-0.043 χ^2/NDF : 980297.3/12

In: 139.147+/-0.066 χ^2/NDF : 383175.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.349+/-0.043 χ^2/NDF : 980297.3/12

asym_at1_avg_at2_avg_dd_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: -0.040 $\pm$ 0.080 χ^2 /NDF: 10.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

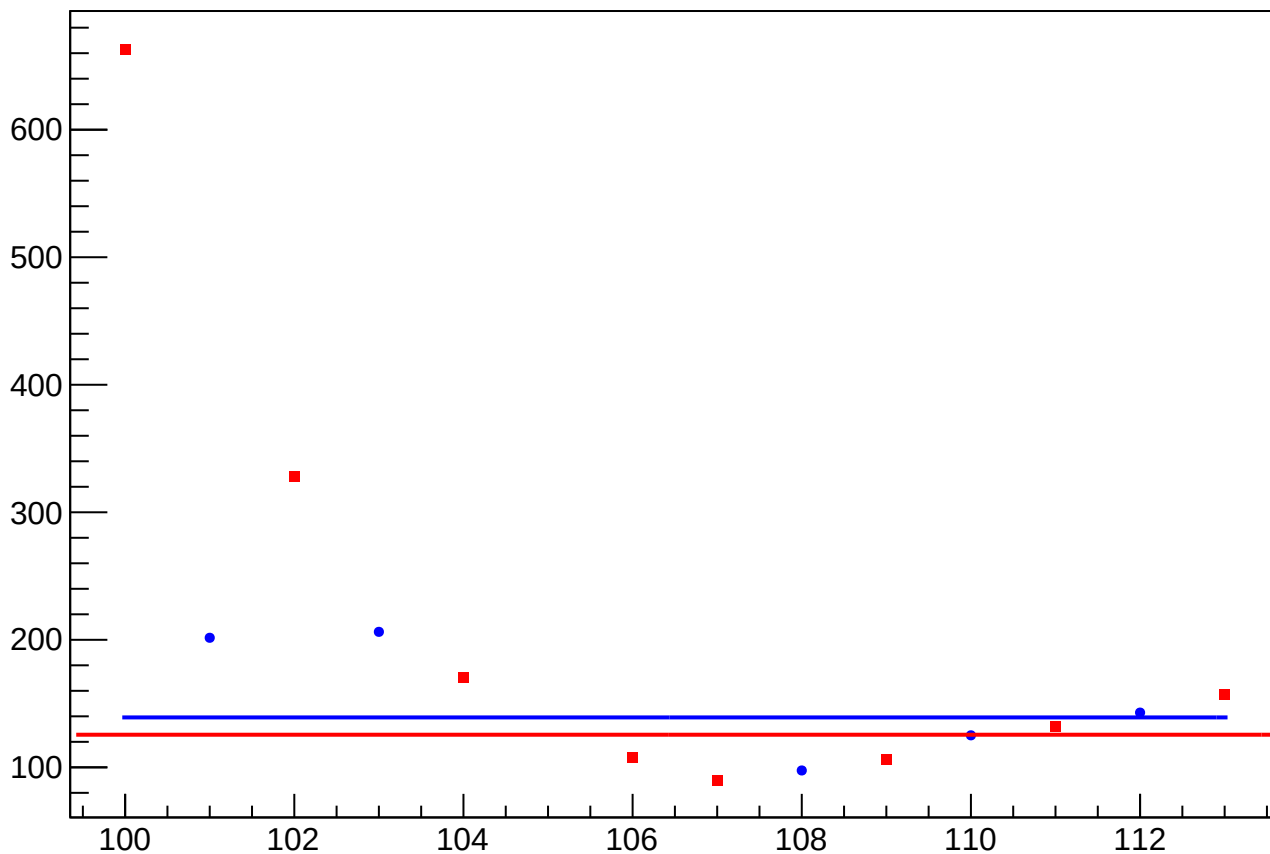
Right: -0.043 $\pm$ 0.061 χ^2 /NDF: 11.3/12

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: -0.043 $\pm$ 0.061 χ^2 /NDF: 11.3/12

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: 125.574+/-0.057 χ^2/NDF : 572839.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

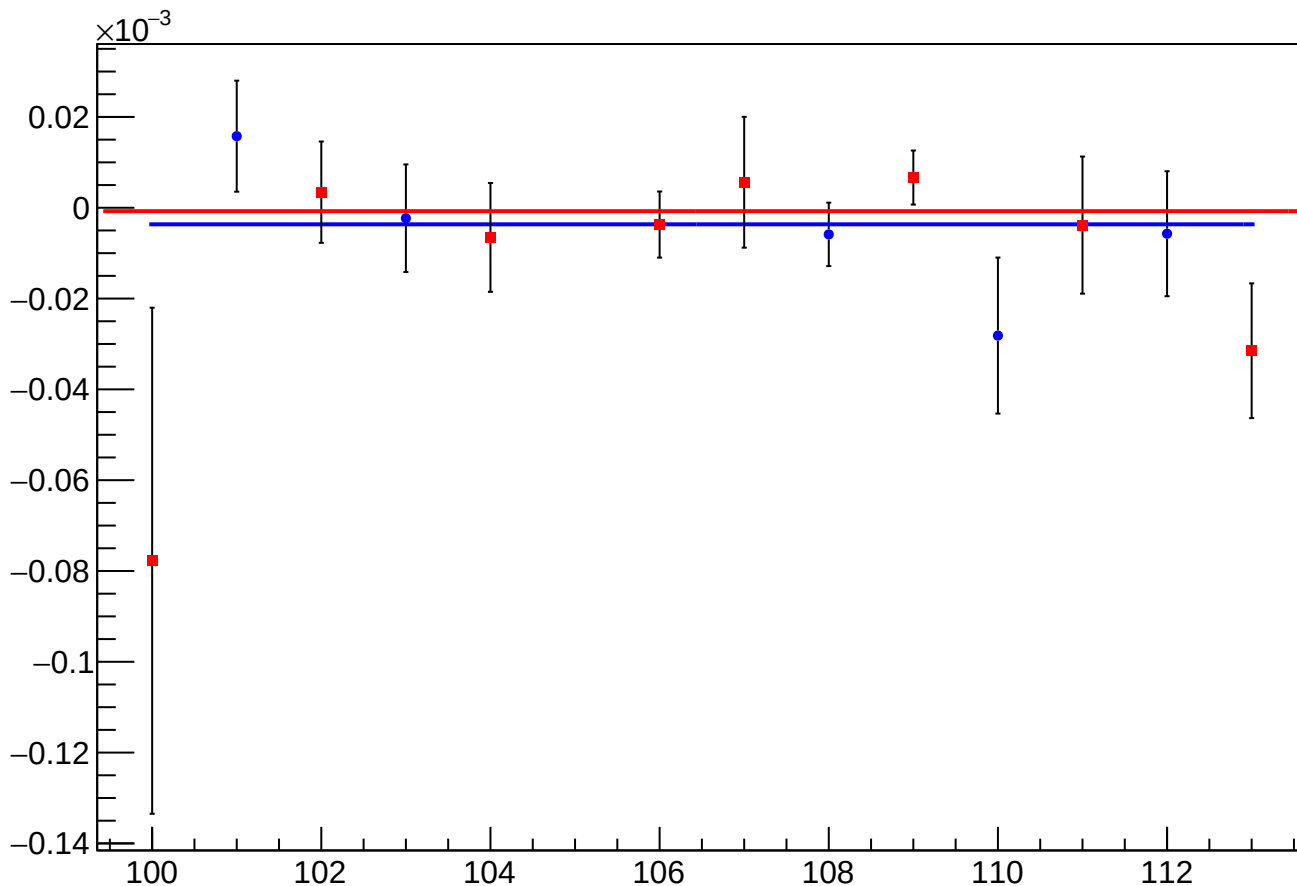
Right: 131.349+/-0.043 χ^2/NDF : 980297.3/12

In: 139.147+/-0.066 χ^2/NDF : 383175.2/4

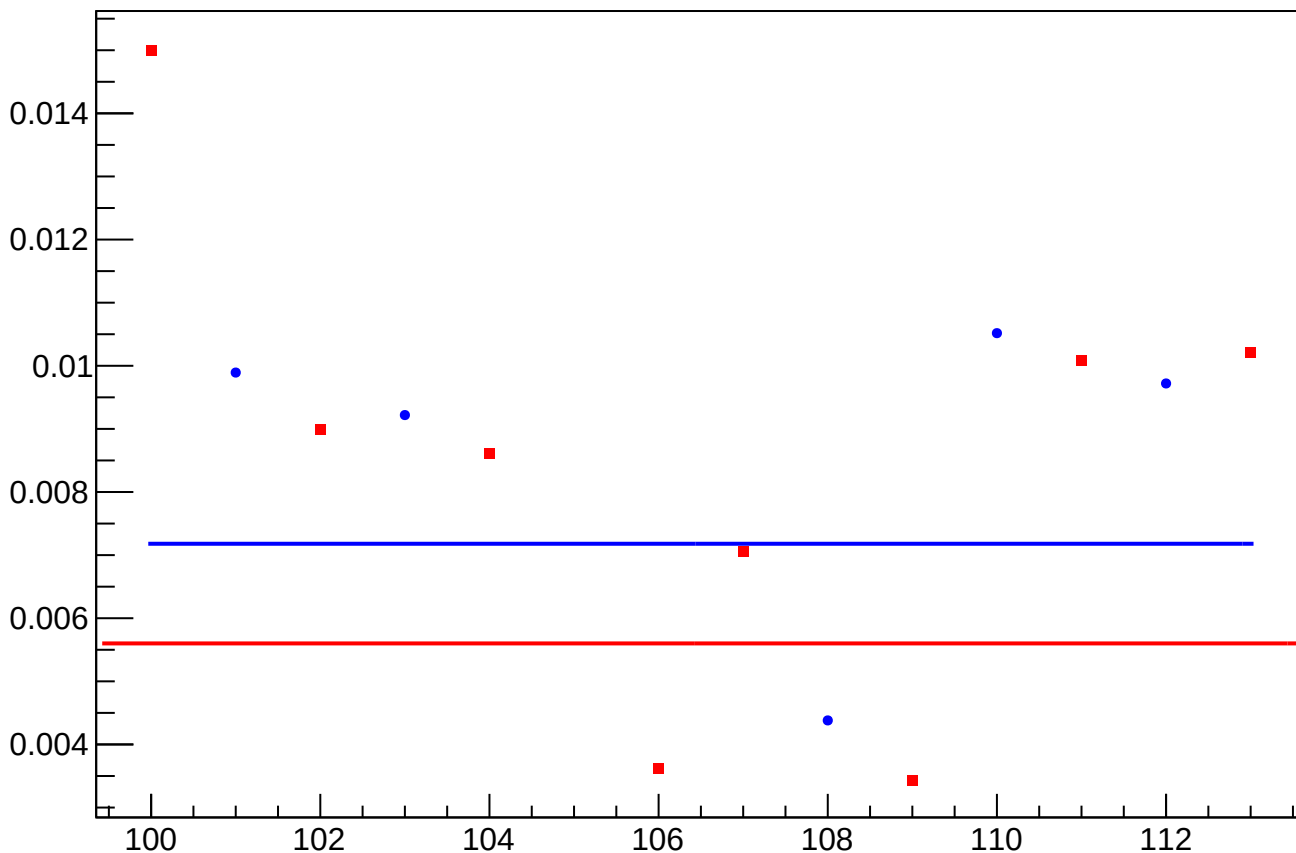
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.349+/-0.043 χ^2/NDF : 980297.3/12

asym_at1_avg_at2_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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: 0.006+/-0.000 χ^2/NDF : 1173624.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

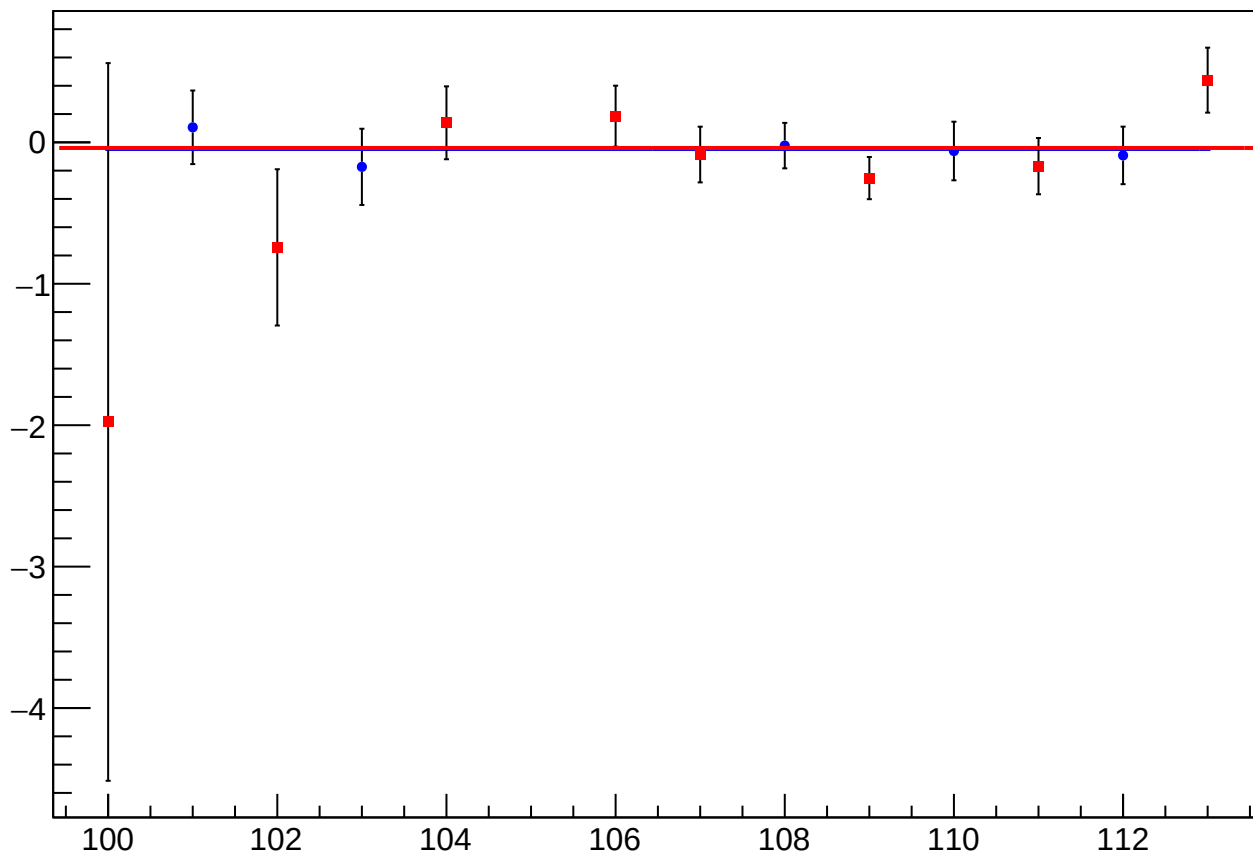
Right: 0.006+/-0.000 χ^2/NDF : 1933030.5/12

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 : 1933030.5/12

asym_at1_avg_at2_avg_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: -0.040+/-0.080 χ^2 /NDF: 10.6/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

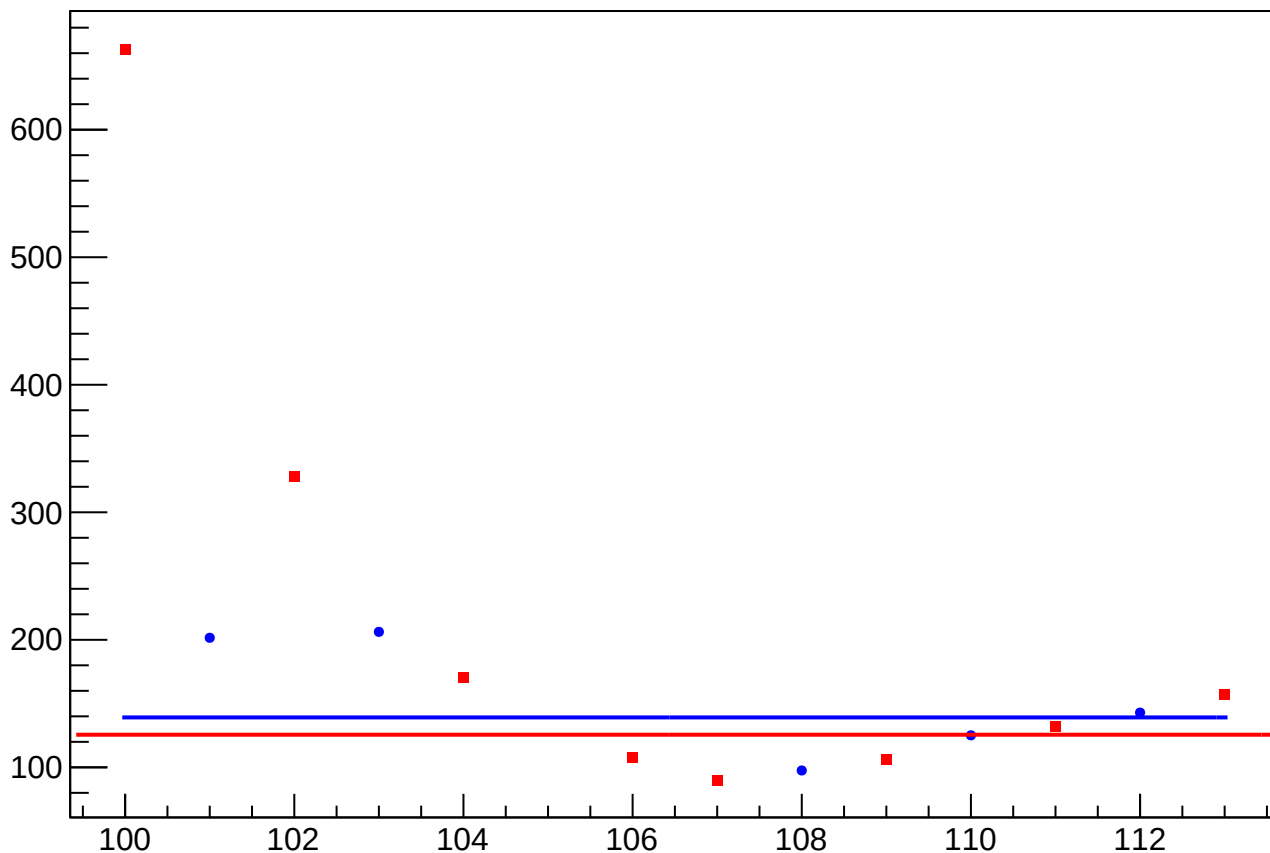
Right: -0.043+/-0.061 χ^2 /NDF: 11.3/12

In: -0.047+/-0.093 χ^2 /NDF:0.6/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.043+/-0.061 χ^2 /NDF: 11.3/12

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: 125.576+/-0.057 χ^2/NDF : 572795.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

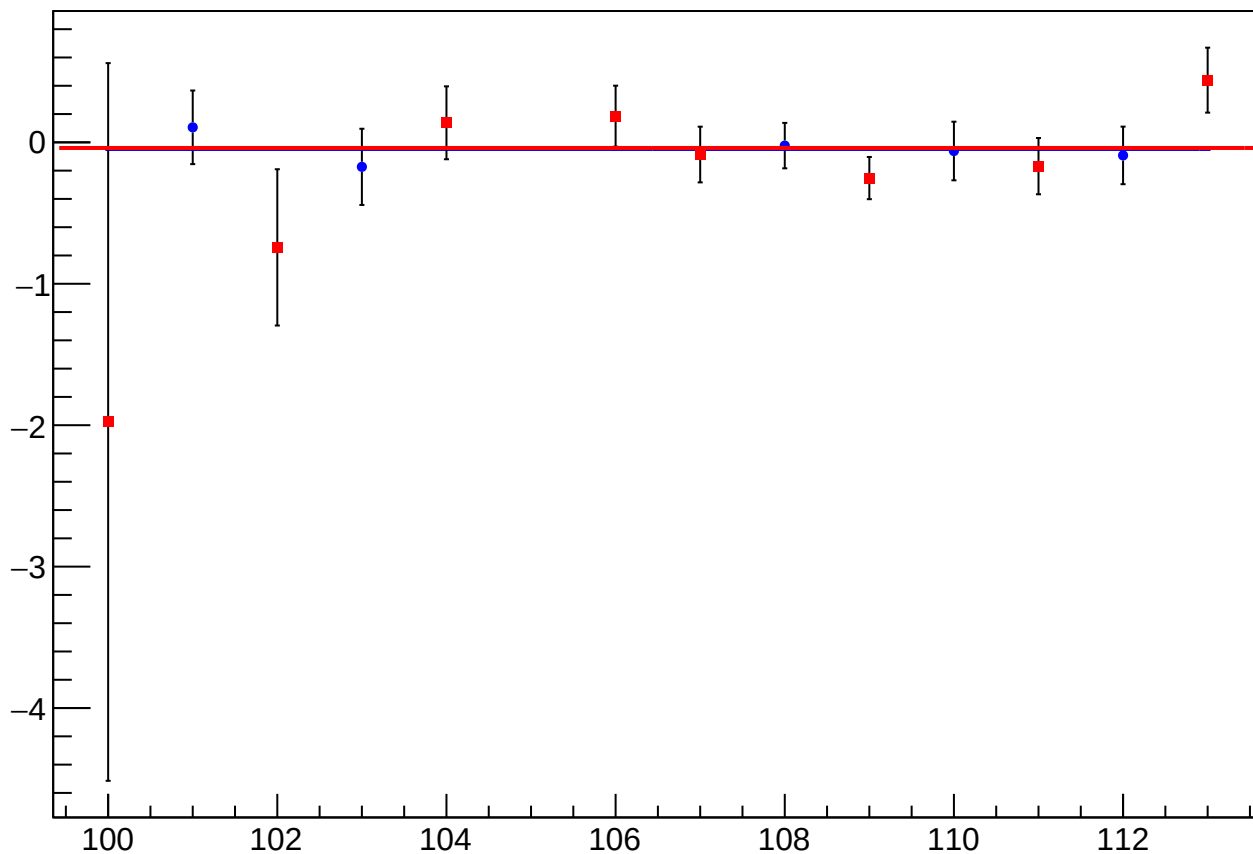
Right: 131.351+/-0.043 χ^2/NDF : 980213.3/12

In: 139.149+/-0.066 χ^2/NDF : 383138.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.351+/-0.043 χ^2/NDF : 980213.3/12

asym_at1_avg_at2_avg_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: -0.040 $\pm$ 0.080 χ^2 /NDF: 10.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

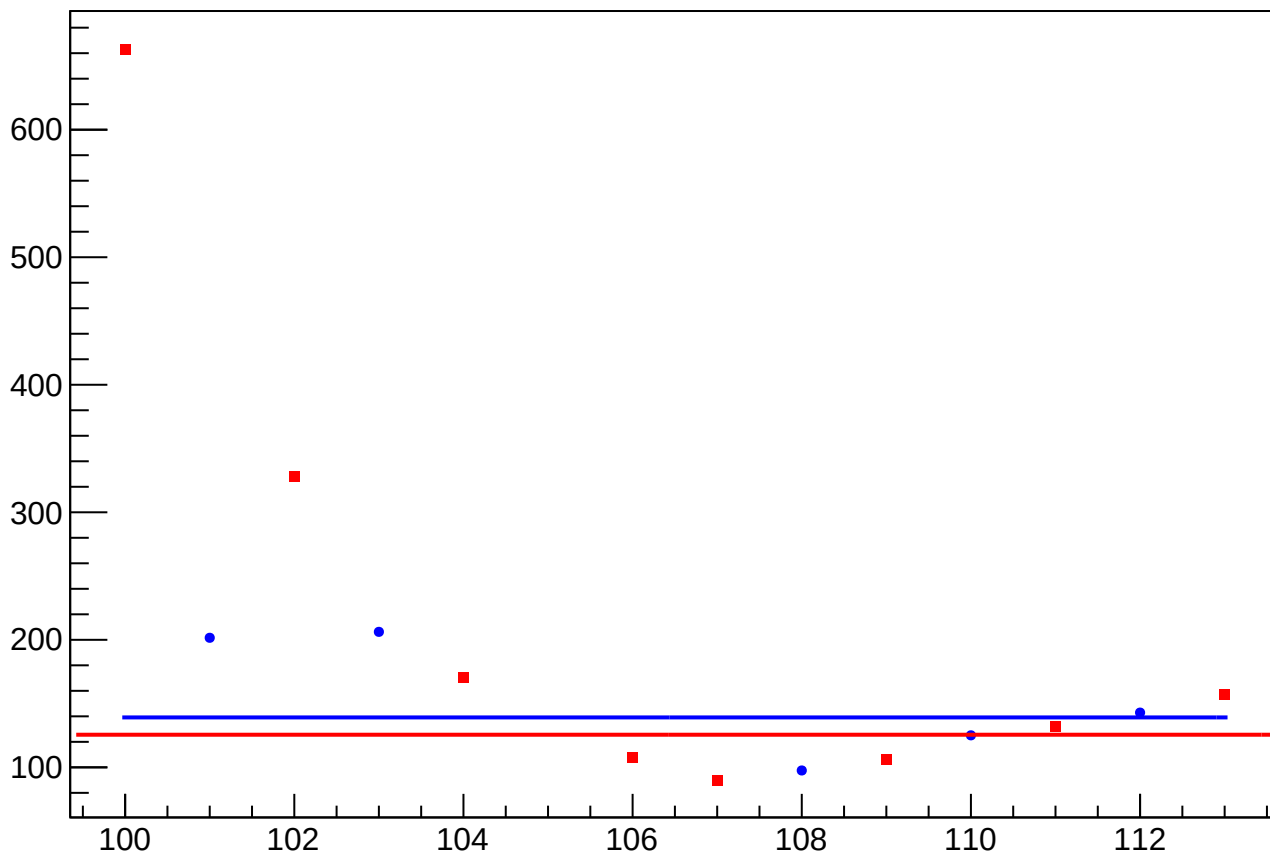
Right: -0.043 $\pm$ 0.061 χ^2 /NDF: 11.3/12

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: -0.043 $\pm$ 0.061 χ^2 /NDF: 11.3/12

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: 125.576+/-0.057 χ^2/NDF : 572795.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

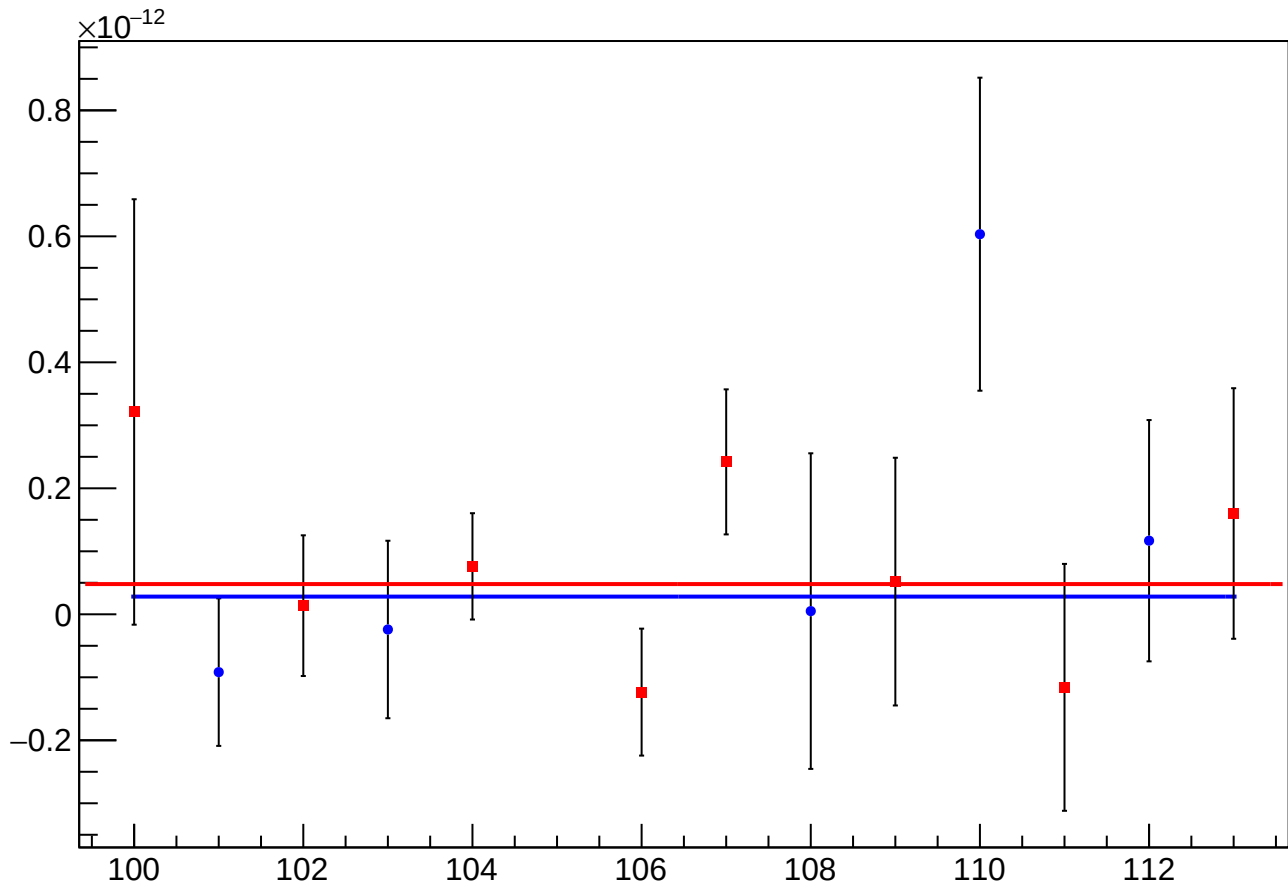
Right: 131.351+/-0.043 χ^2/NDF : 980213.3/12

In: 139.149+/-0.066 χ^2/NDF : 383138.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.351+/-0.043 χ^2/NDF : 980213.3/12

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 : 7.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

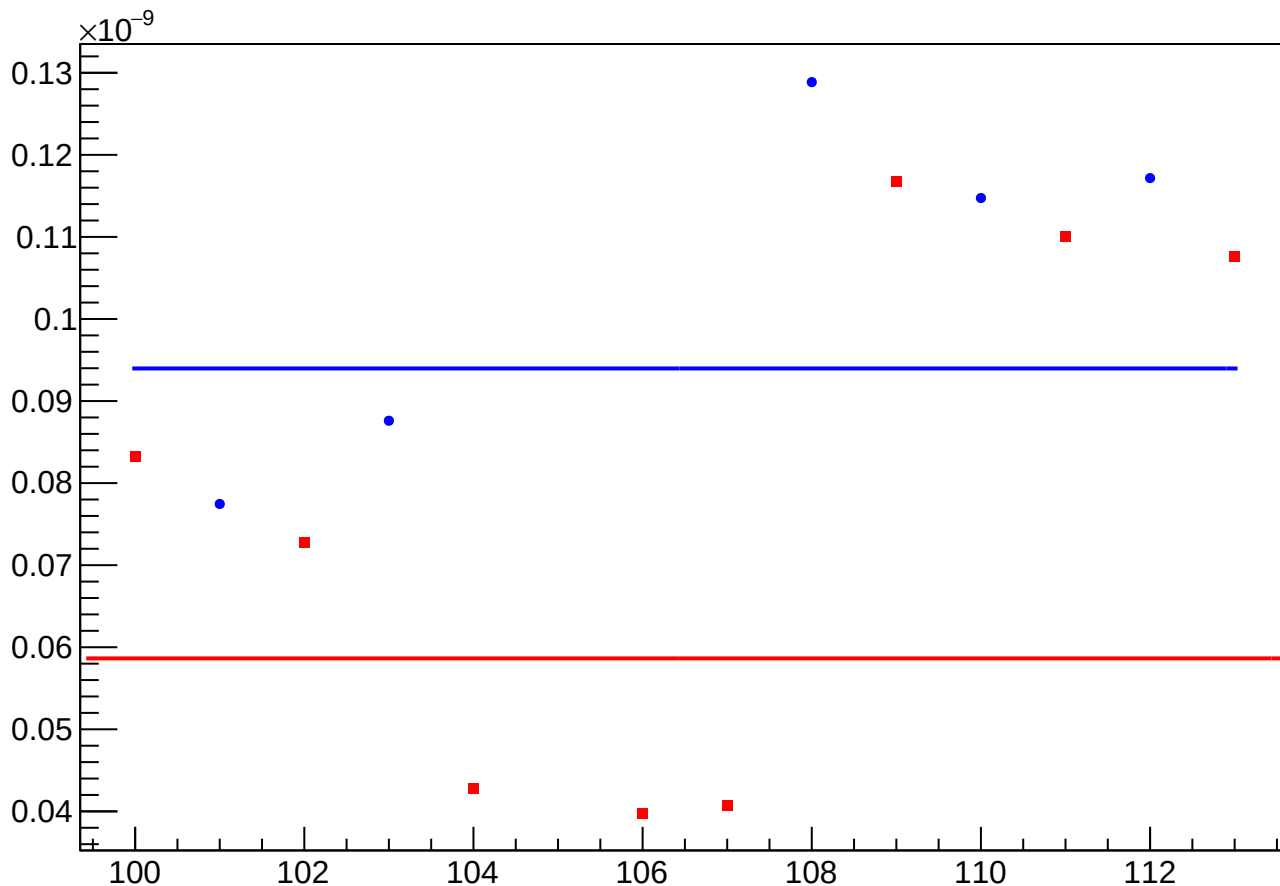
Right: 0.000+/-0.000 χ^2/NDF : 14.4/12

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 : 14.4/12

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: 665210.1/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

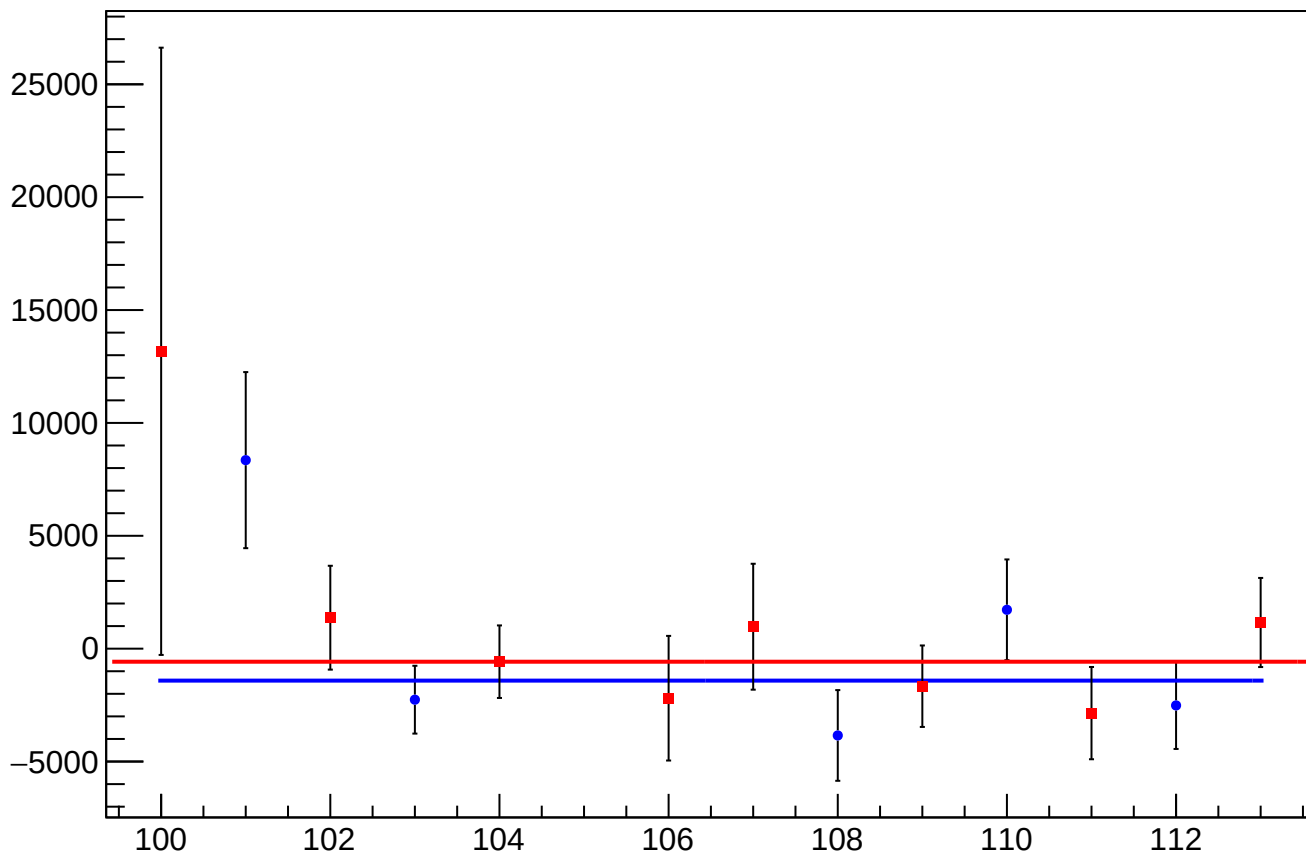
Right: 0.000+/-0.000 χ^2 /NDF: 1121626.2/12

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: 1121626.2/12

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: -578.285+/-779.701 χ^2/NDF : 4.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

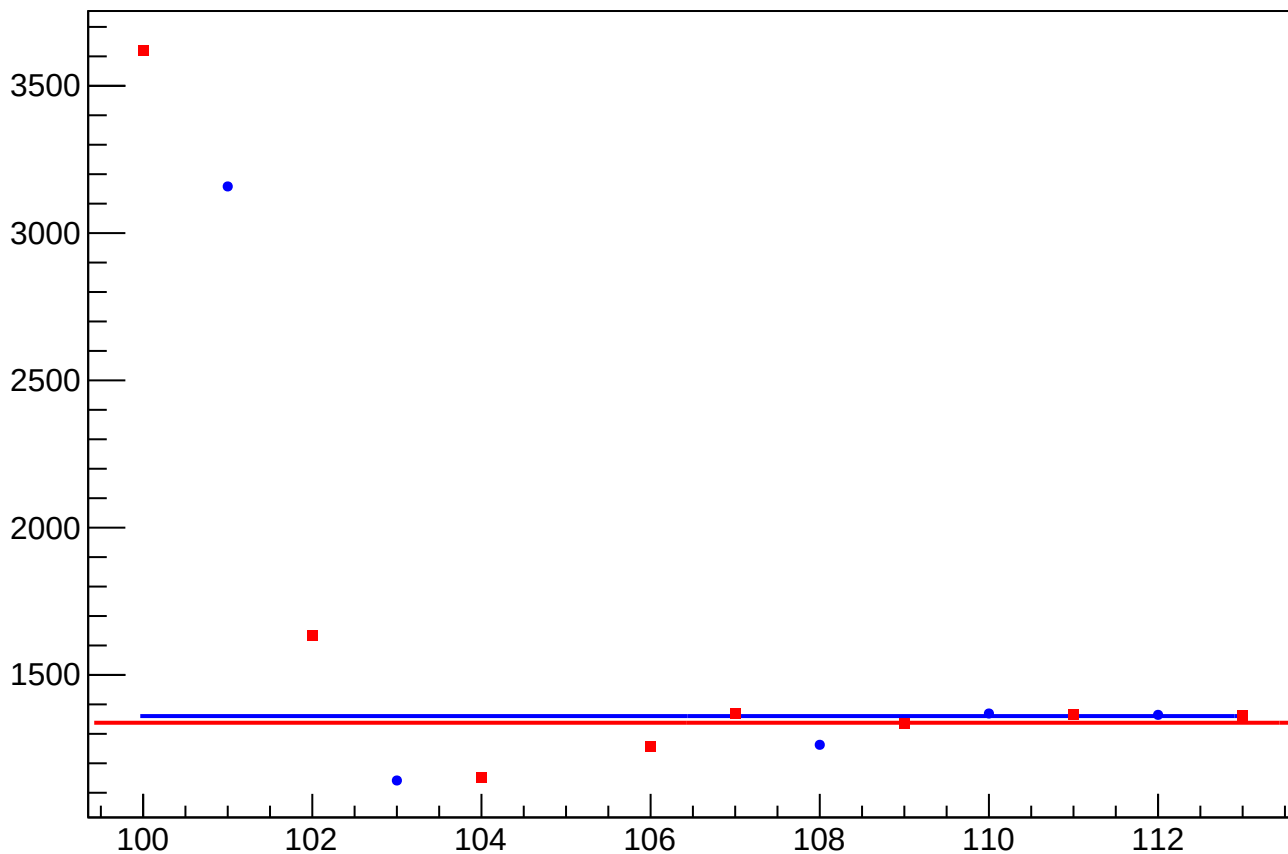
Right: -935.818+/-590.126 χ^2/NDF : 15.6/12

In: -1415.283+/-902.919 χ^2/NDF : 10.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -935.818+/-590.126 χ^2/NDF : 15.6/12

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: 1337.665+/-0.548 χ^2/NDF : 120806.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

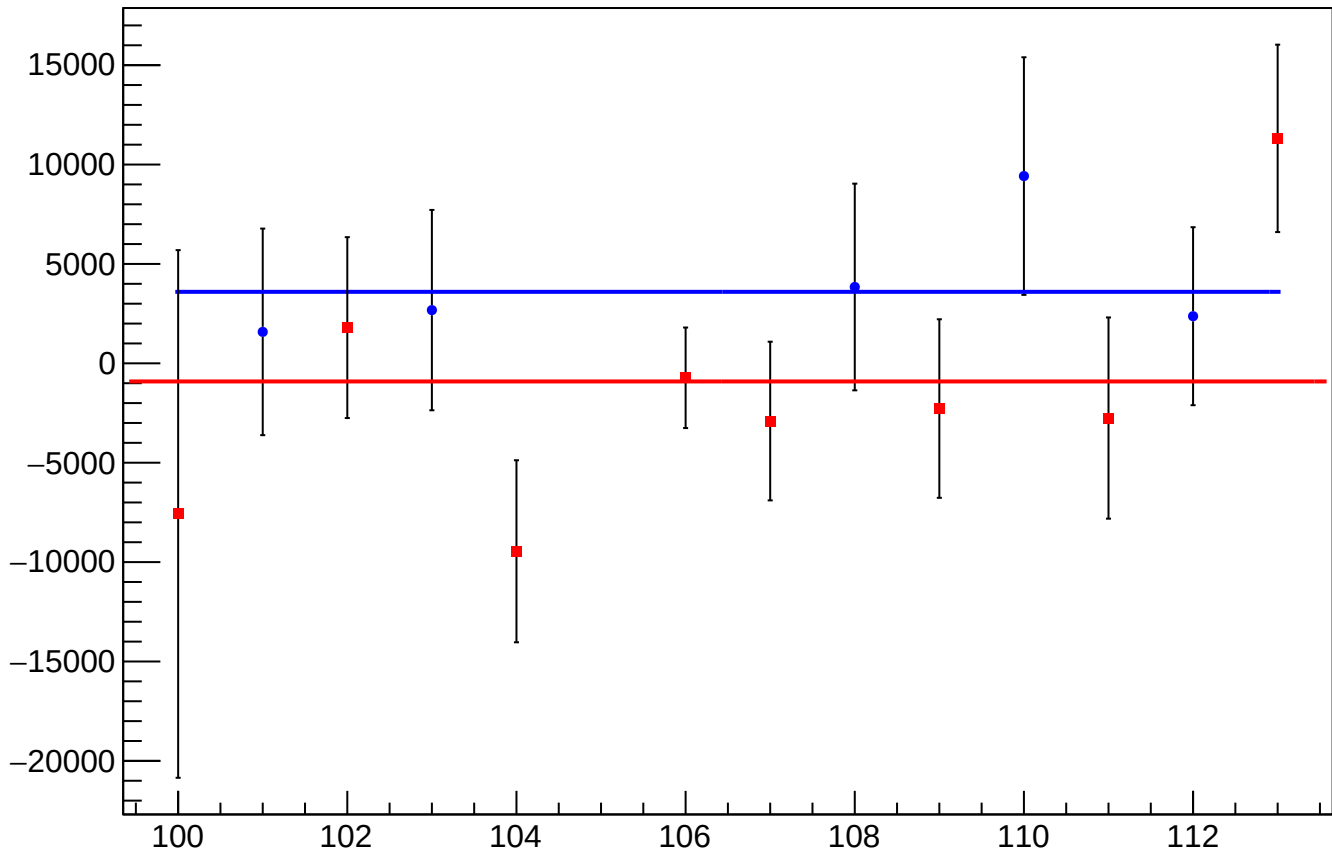
Right: 1347.267+/-0.416 χ^2/NDF : 593784.8/12

In: 1360.317+/-0.638 χ^2/NDF : 472253.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1347.267+/-0.416 χ^2/NDF : 593784.8/12

asym_atl1r2_dd_atl2r1_dd_dd_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: -911.596 $\pm$ 1483.479 χ^2 /NDF: 11.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

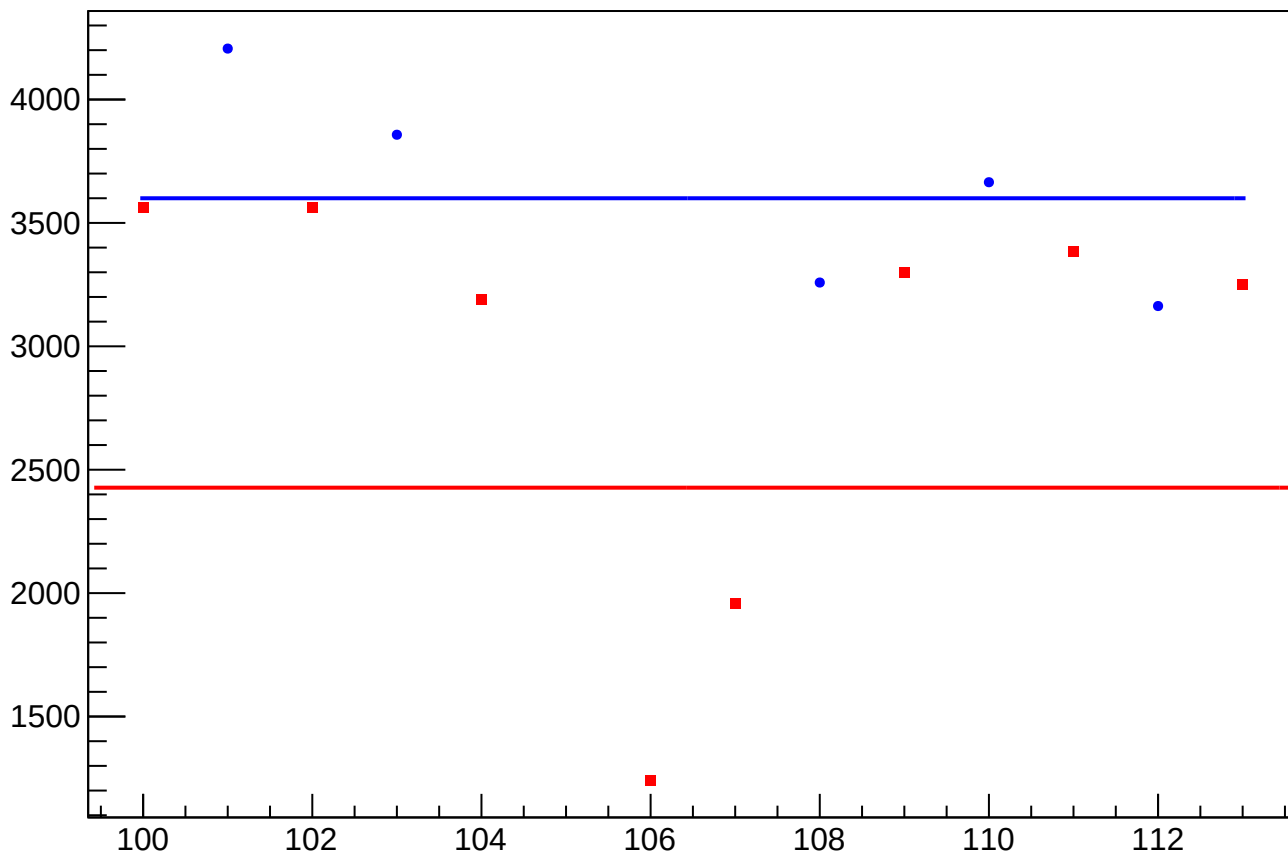
Right: 424.112 $\pm$ 1244.484 χ^2 /NDF: 15.2/12

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: 424.112 $\pm$ 1244.484 χ^2 /NDF: 15.2/12

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: 2427.268+/-1.049 χ^2/NDF : 869254.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

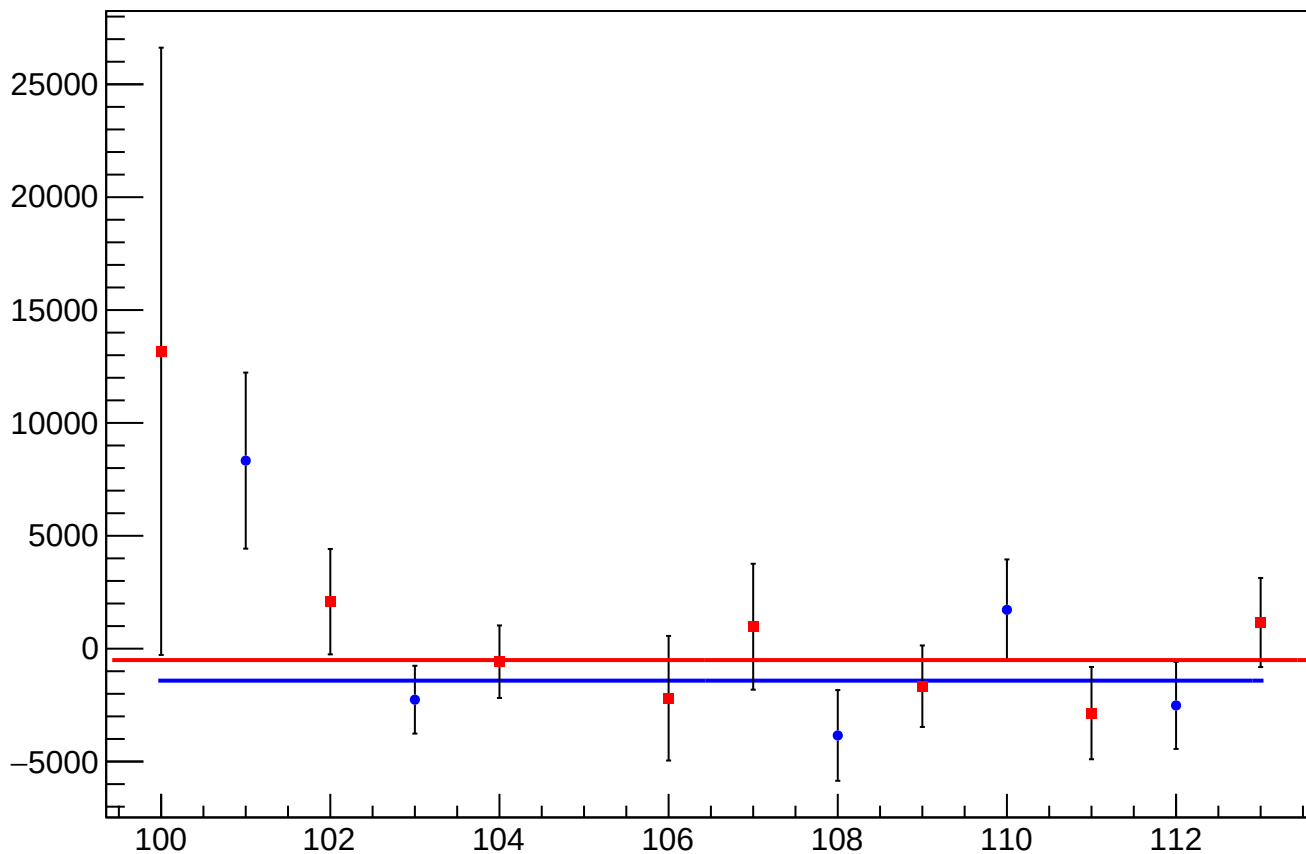
Right: 2774.675+/-0.880 χ^2/NDF : 1299842.3/12

In: 3599.934+/-1.617 χ^2/NDF : 60351.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2774.675+/-0.880 χ^2/NDF : 1299842.3/12

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: -505.605 $\pm$ 781.025 χ^2 /NDF: 5.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

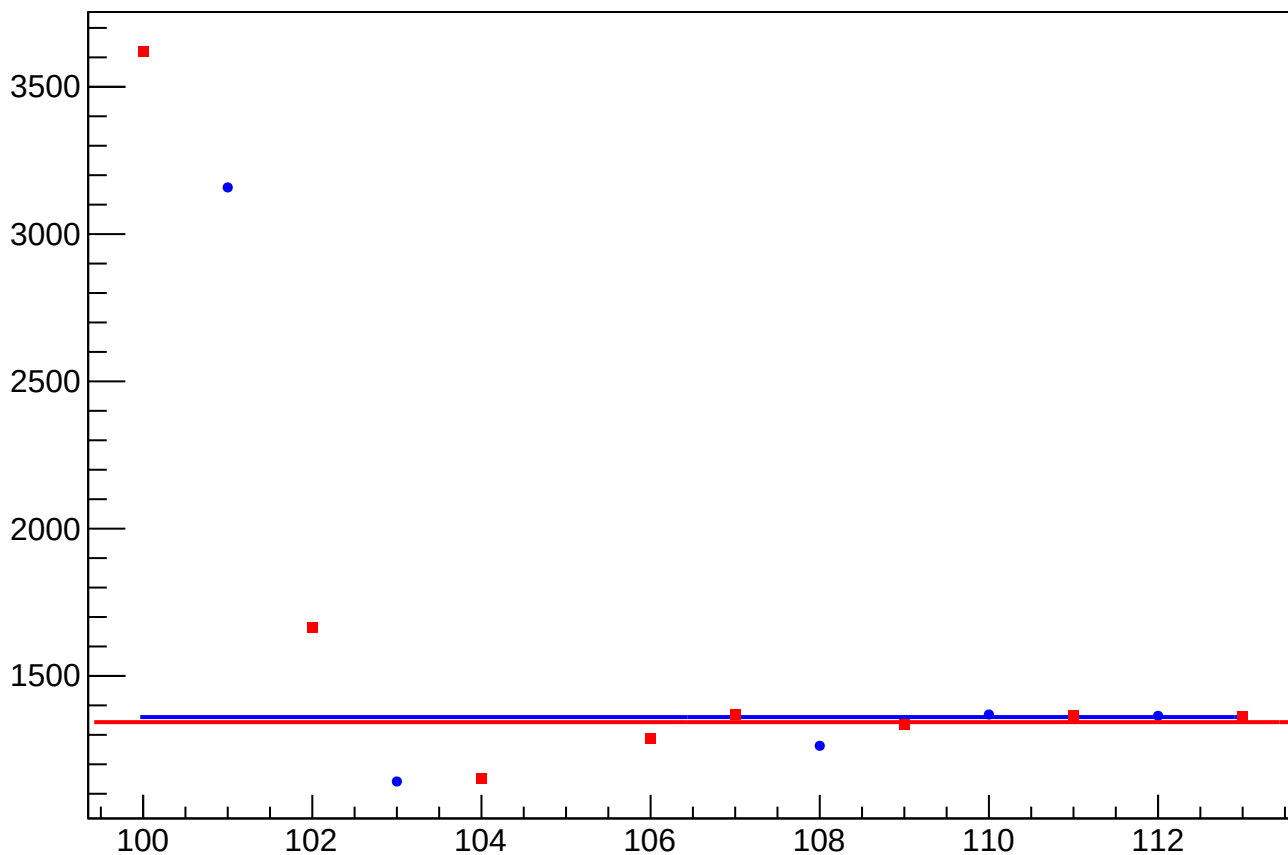
Right: -895.403 $\pm$ 590.699 χ^2 /NDF: 16.3/12

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: -895.403 $\pm$ 590.699 χ^2 /NDF: 16.3/12

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: 1343.114+/-0.550 χ^2/NDF : 125904.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

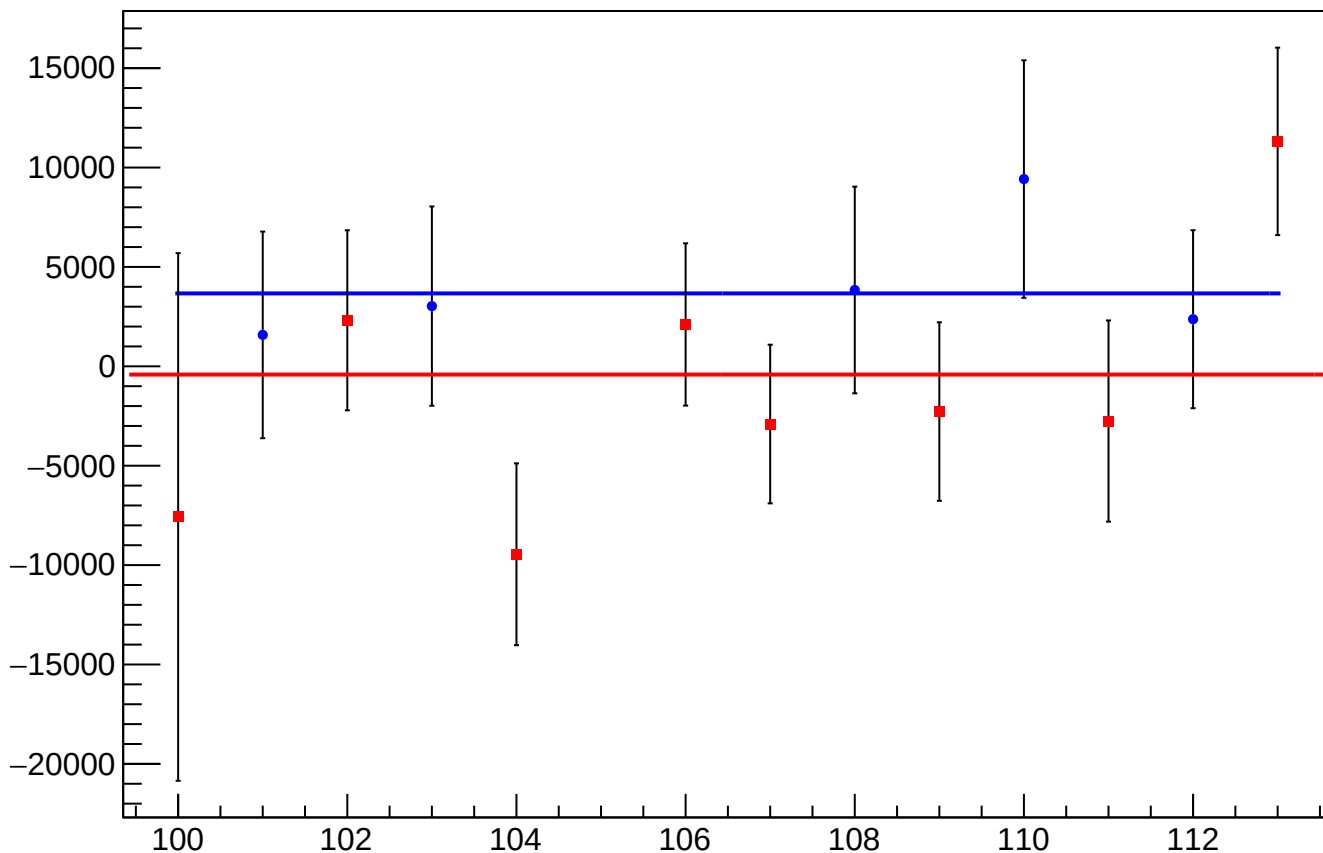
Right: 1350.437+/-0.417 χ^2/NDF : 598576.8/12

In: 1360.316+/-0.638 χ^2/NDF : 472255.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1350.437+/-0.417 χ^2/NDF : 598576.8/12

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: -415.290+/-1669.939 χ^2/NDF : 11.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

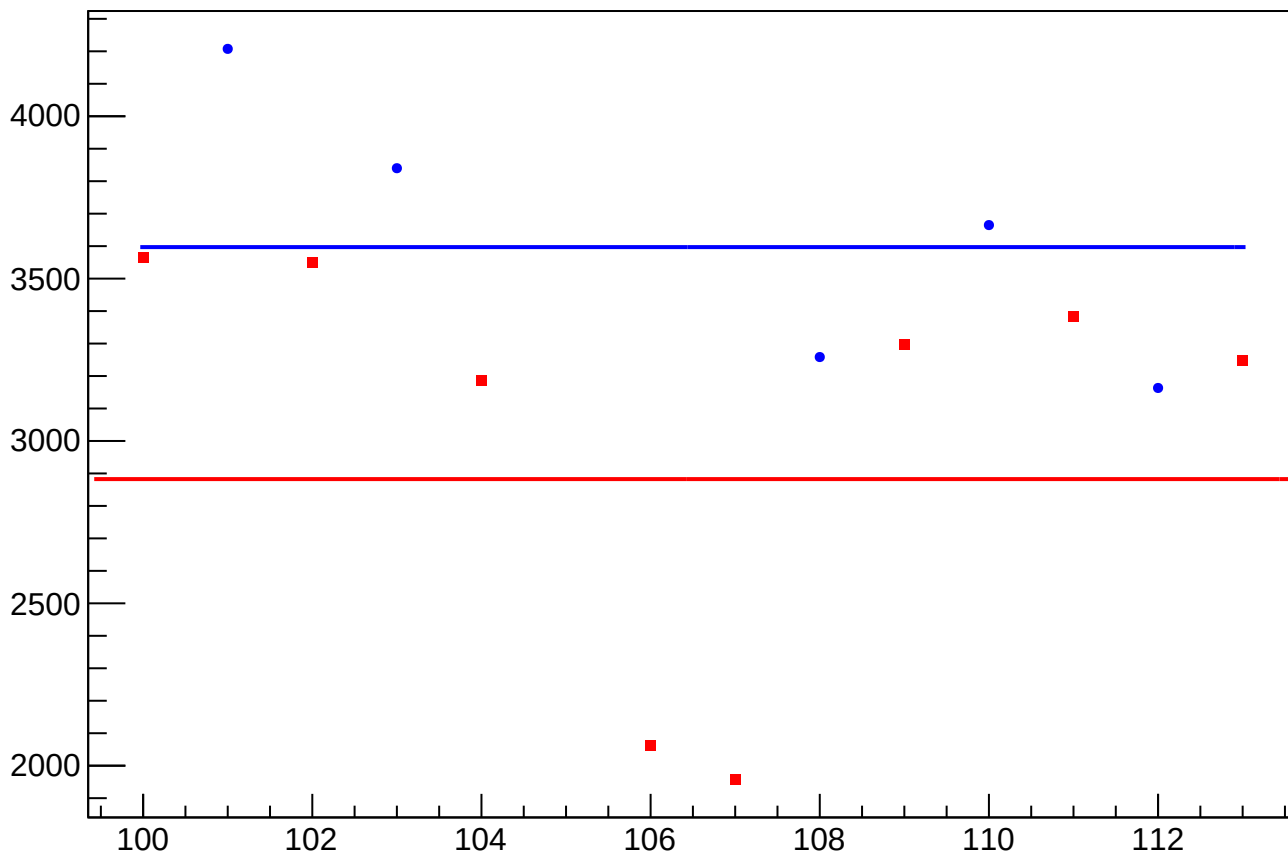
Right: 1007.083+/-1348.072 χ^2/NDF : 15.2/12

In: 3668.066+/-2284.100 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1007.083+/-1348.072 χ^2/NDF : 15.2/12

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: 2882.604+/-1.181 χ^2/NDF : 294878.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

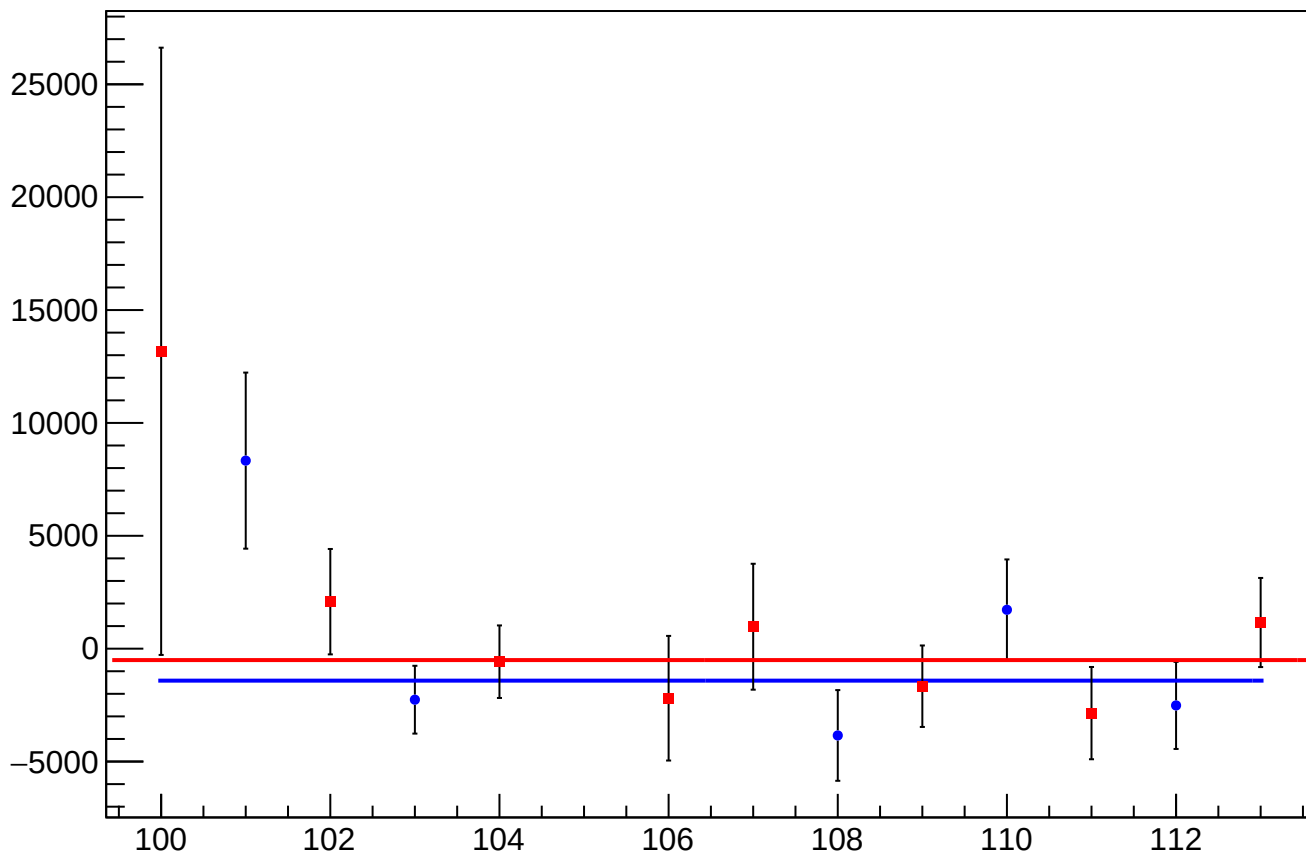
Right: 3131.467+/-0.953 χ^2/NDF : 482194.1/12

In: 3597.041+/-1.615 χ^2/NDF : 59803.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3131.467+/-0.953 χ^2/NDF : 482194.1/12

eigen_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: -505.605 +/- 781.025 χ^2/NDF : 5.4/7

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

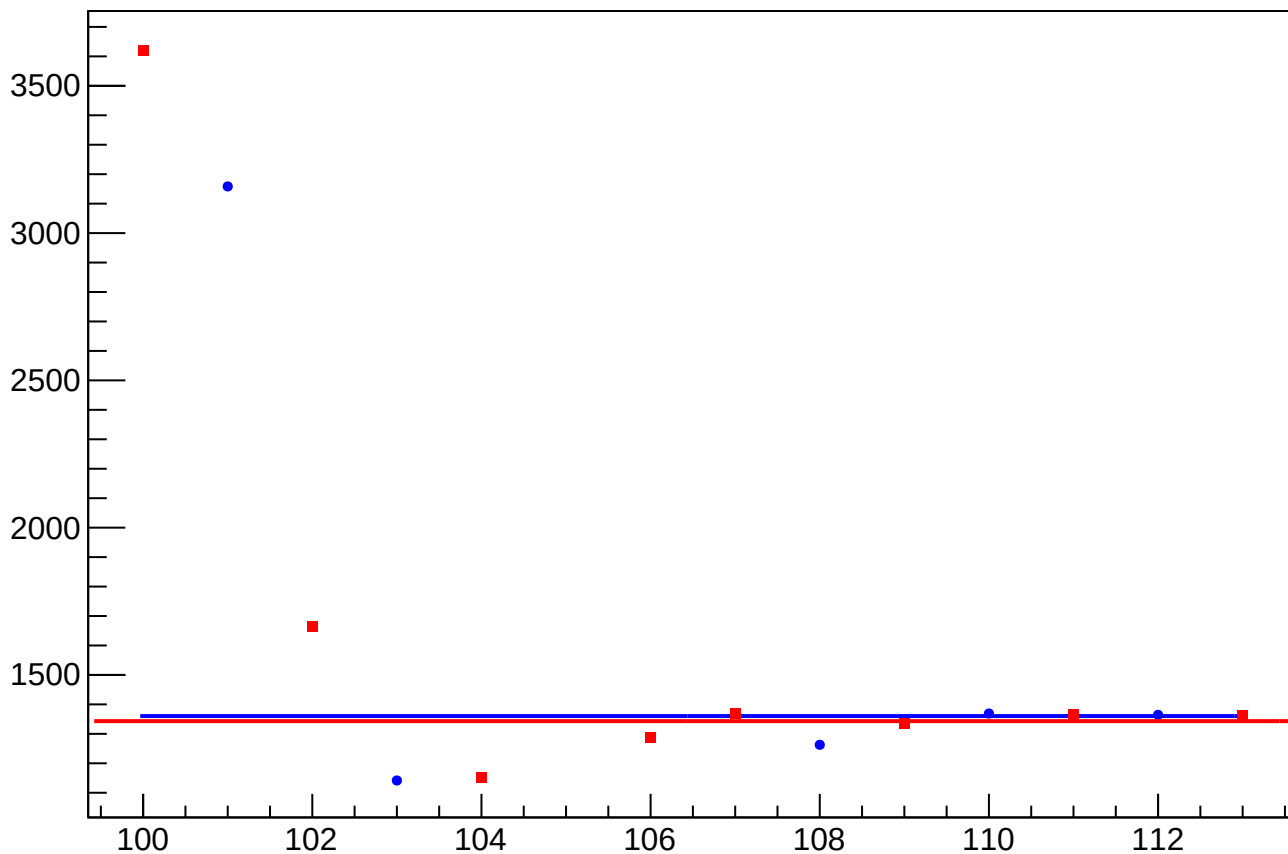
Right: -895.403 +/- 590.699 χ^2/NDF : 16.3/12

In: -1416.367 +/- 902.919 χ^2/NDF : 10.3/4

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -895.403 +/- 590.699 χ^2/NDF : 16.3/12

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: 1343.114+/-0.550 χ^2/NDF : 125904.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

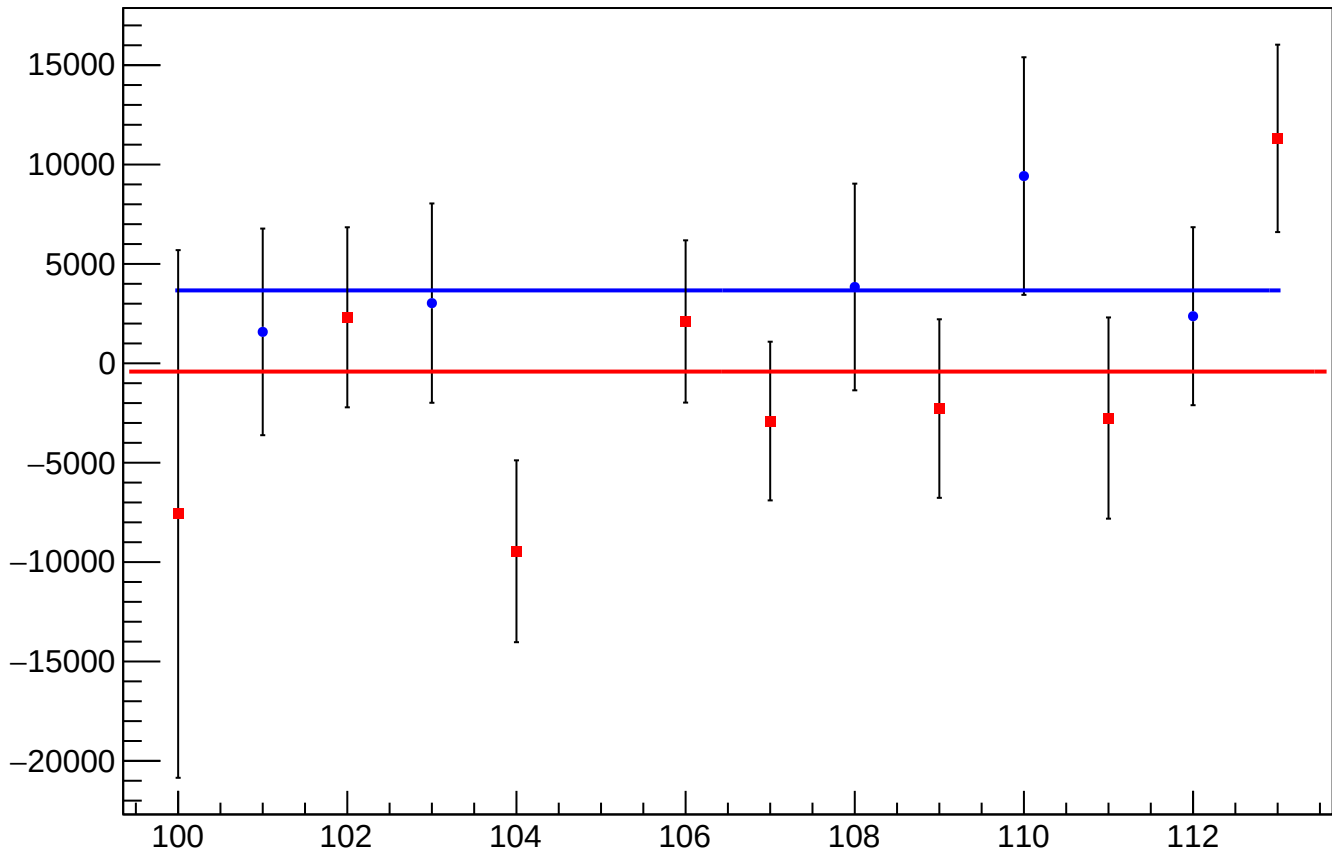
Right: 1350.437+/-0.417 χ^2/NDF : 598576.8/12

In: 1360.316+/-0.638 χ^2/NDF : 472255.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1350.437+/-0.417 χ^2/NDF : 598576.8/12

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: -415.290+/-1669.939 χ^2/NDF : 11.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

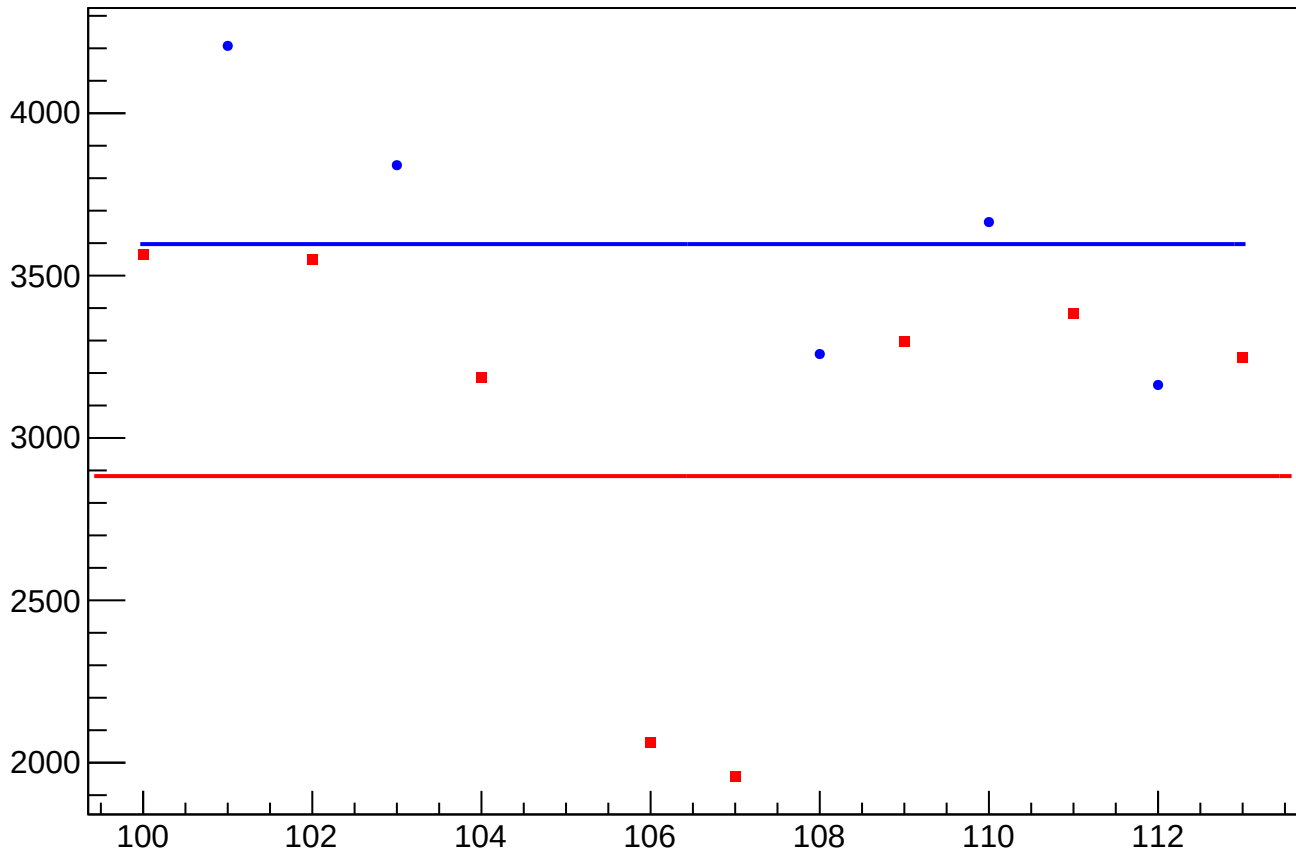
Right: 1007.083+/-1348.072 χ^2/NDF : 15.2/12

In: 3668.066+/-2284.100 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1007.083+/-1348.072 χ^2/NDF : 15.2/12

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: 2882.604+/-1.181 χ^2/NDF : 294878.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

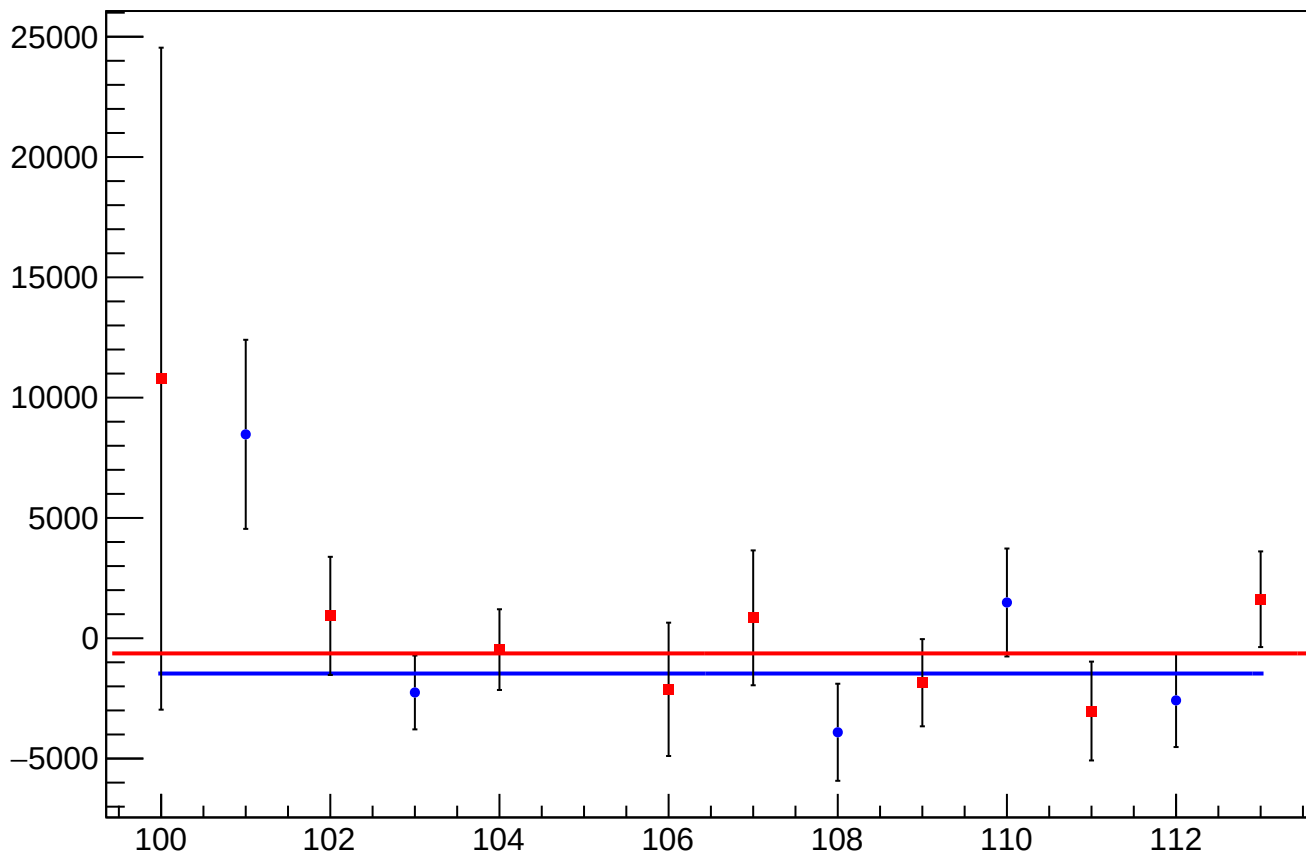
Right: 3131.467+/-0.953 χ^2/NDF : 482194.1/12

In: 3597.041+/-1.615 χ^2/NDF : 59803.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3131.467+/-0.953 χ^2/NDF : 482194.1/12

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: -630.333+/-795.893 χ^2/NDF : 4.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

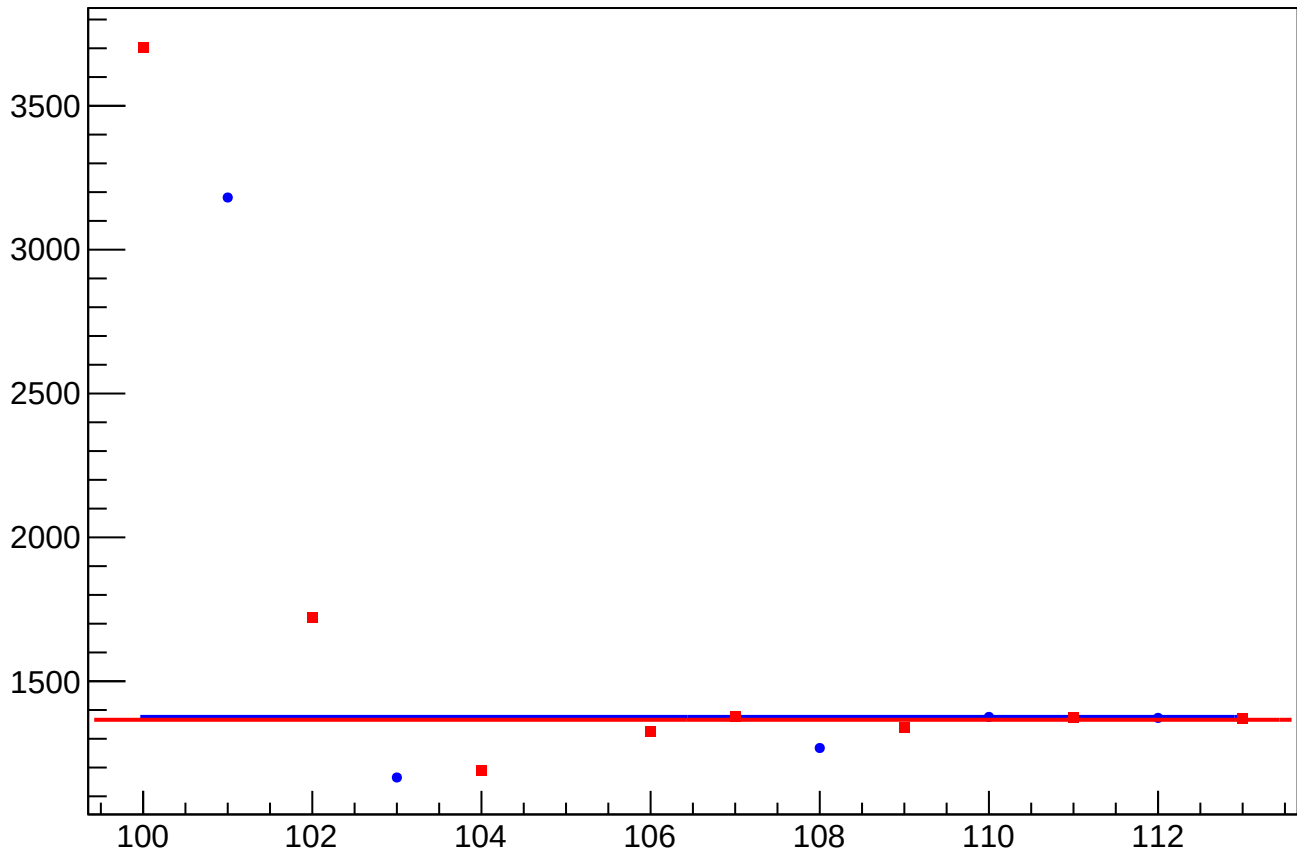
Right: -991.266+/-599.906 χ^2/NDF : 15.4/12

In: -1466.101+/-912.879 χ^2/NDF : 10.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -991.266+/-599.906 χ^2/NDF : 15.4/12

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: 1365.991+/-0.562 χ^2/NDF : 122488.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

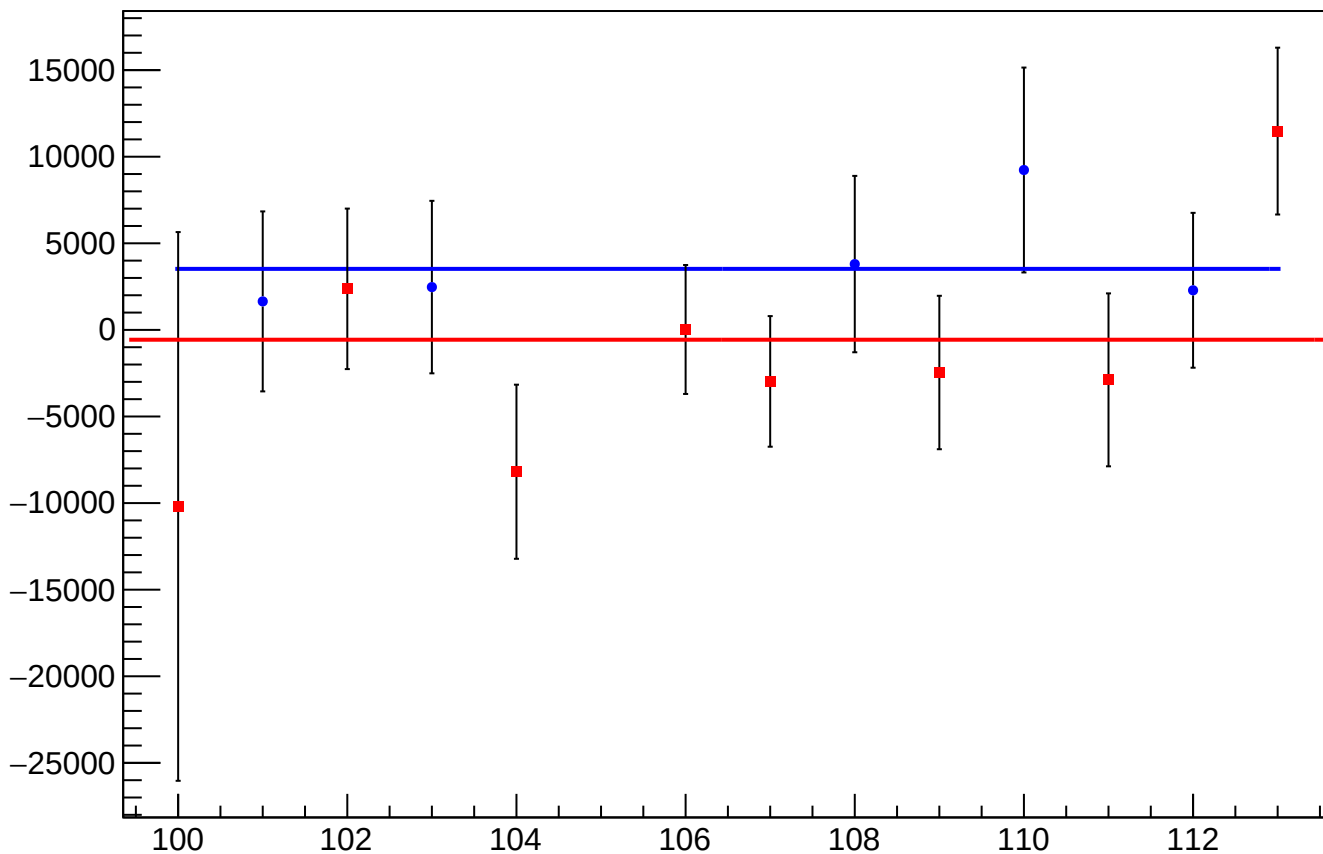
Right: 1370.303+/-0.424 χ^2/NDF : 588249.5/12

In: 1375.999+/-0.646 χ^2/NDF : 465624.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1370.303+/-0.424 χ^2/NDF : 588249.5/12

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: -567.301+/-1651.209 χ^2/NDF : 10.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

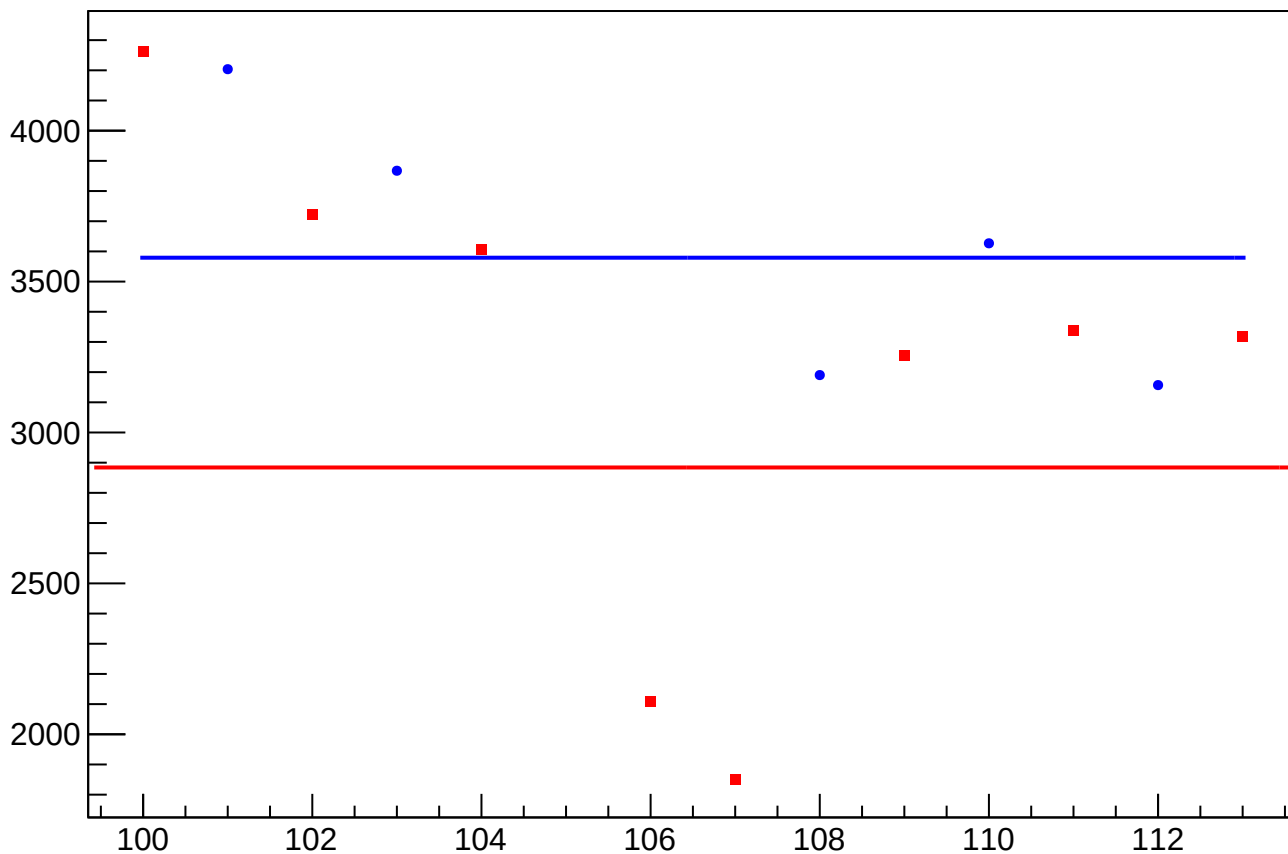
Right: 850.528+/-1334.746 χ^2/NDF : 13.5/12

In: 3523.630+/-2267.241 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 850.528+/-1334.746 χ^2/NDF : 13.5/12

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: 2884.066+/-1.168 χ^2/NDF : 406307.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

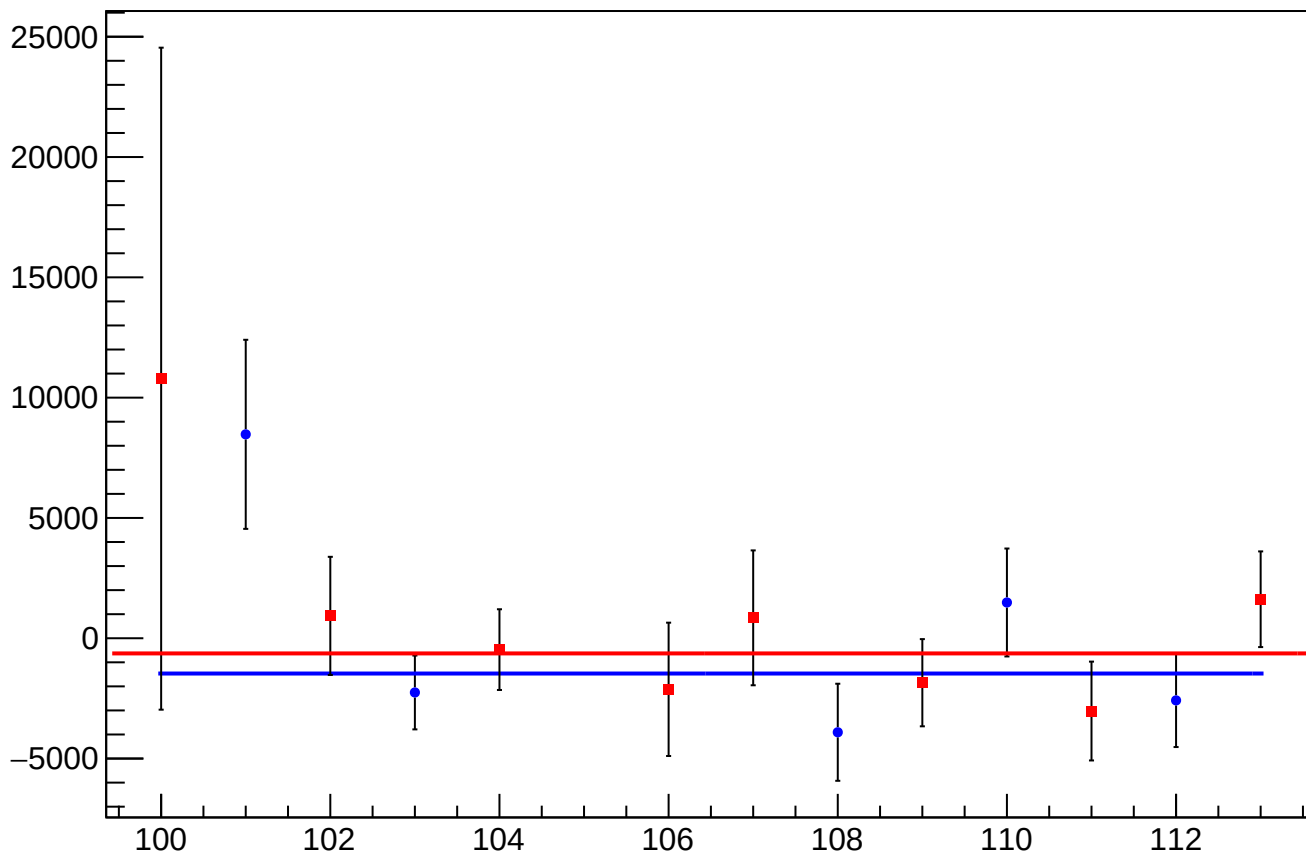
Right: 3124.963+/-0.944 χ^2/NDF : 594353.4/12

In: 3579.136+/-1.603 χ^2/NDF : 65221.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3124.963+/-0.944 χ^2/NDF : 594353.4/12

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: -630.343+/-795.893 χ^2/NDF : 4.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

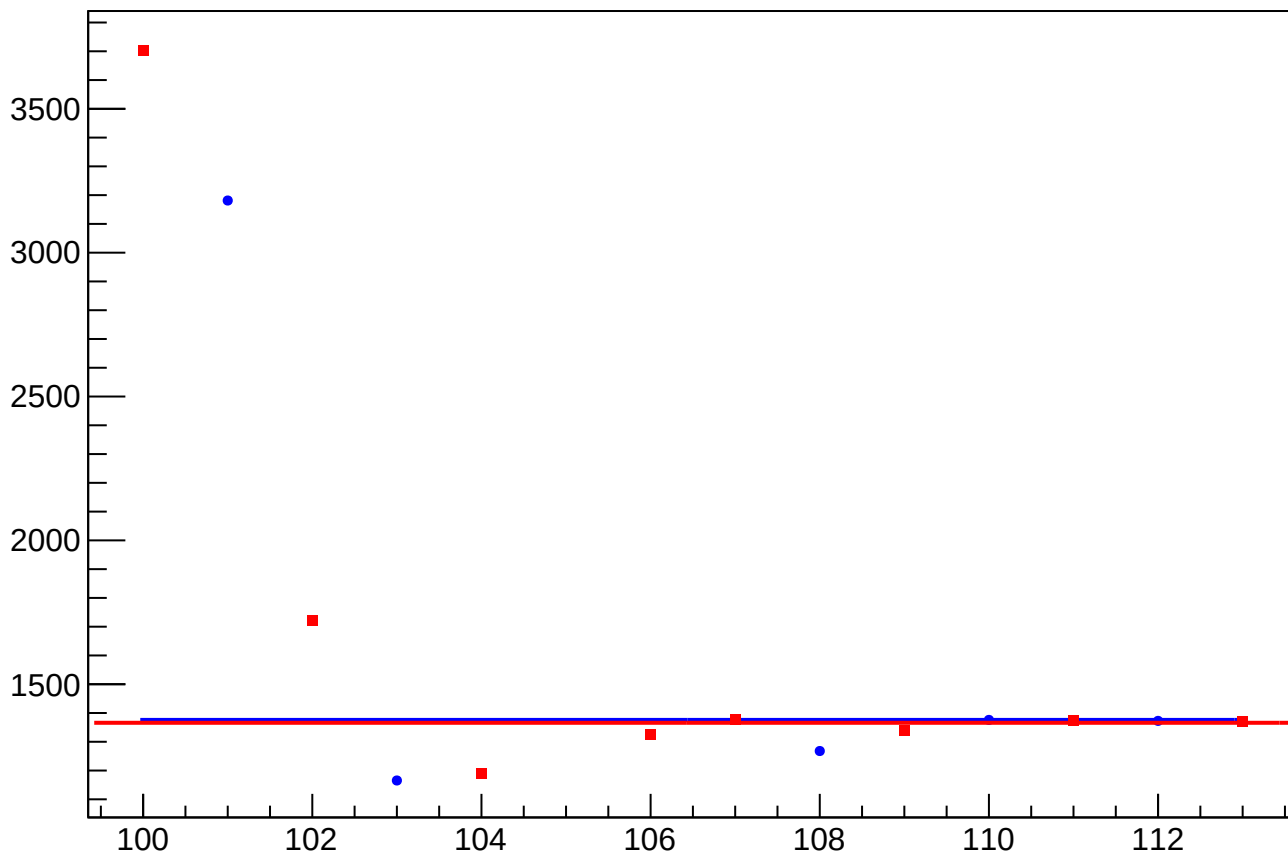
Right: -991.274+/-599.906 χ^2/NDF : 15.4/12

In: -1466.108+/-912.879 χ^2/NDF : 10.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -991.274+/-599.906 χ^2/NDF : 15.4/12

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: 1365.991+/-0.562 χ^2/NDF : 122488.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

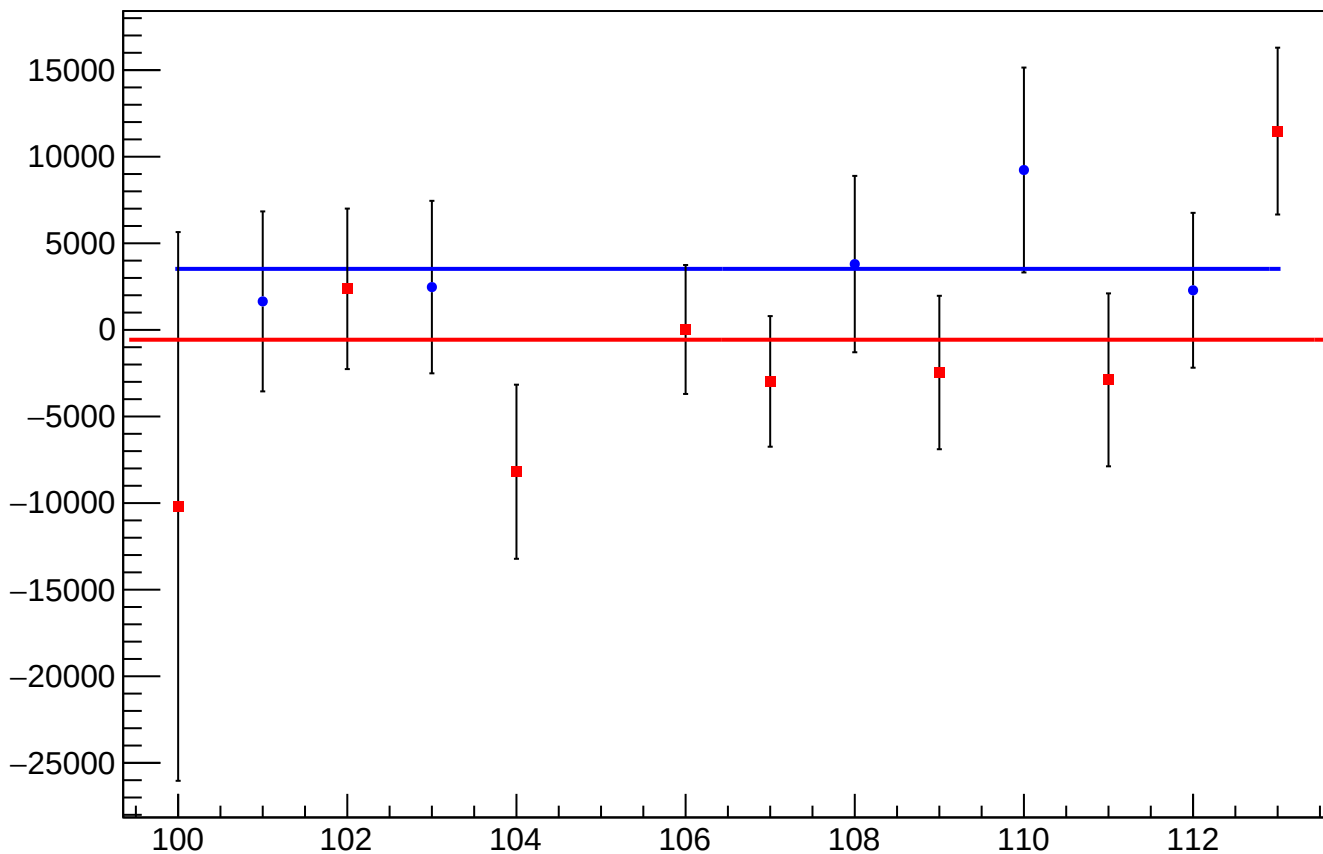
Right: 1370.303+/-0.424 χ^2/NDF : 588249.6/12

In: 1375.999+/-0.646 χ^2/NDF : 465624.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1370.303+/-0.424 χ^2/NDF : 588249.6/12

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: -567.306+/-1651.206 χ^2/NDF : 10.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

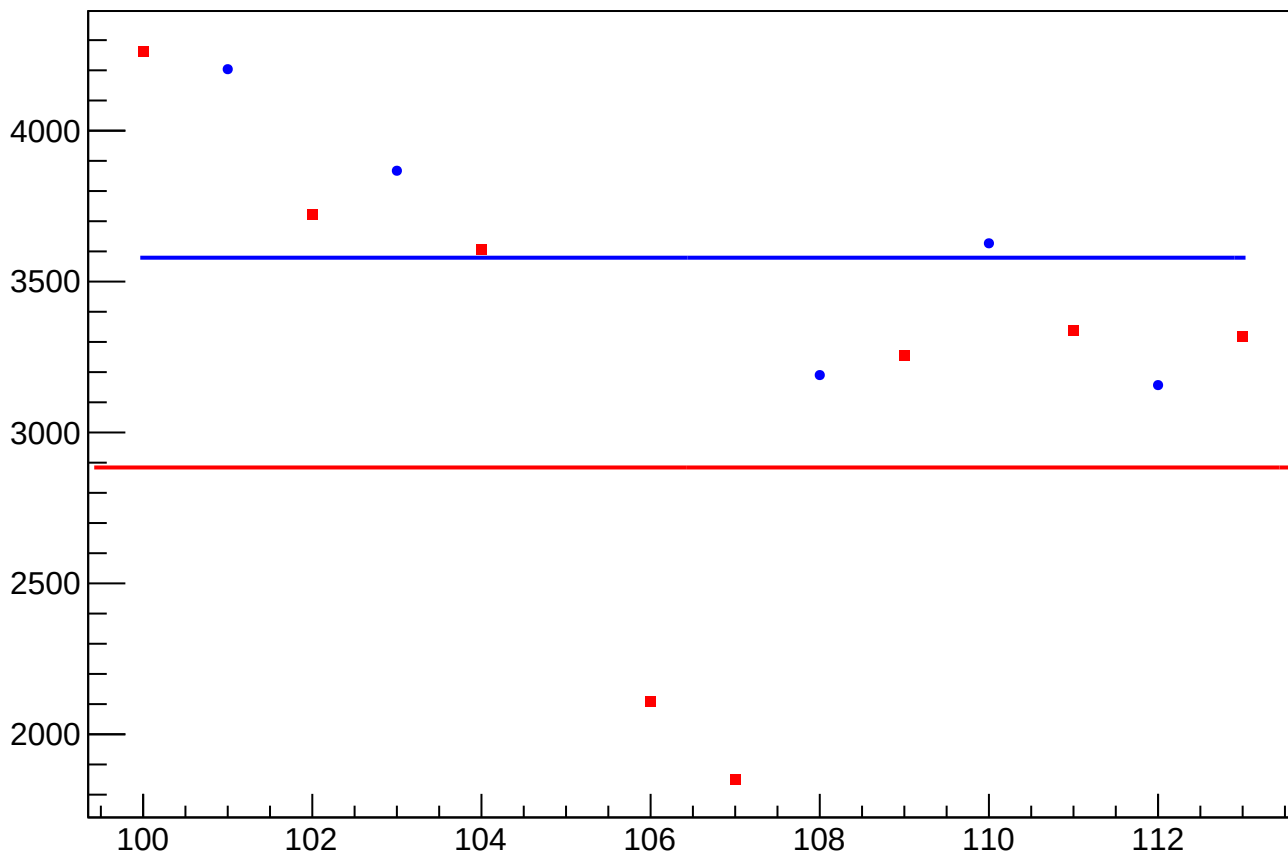
Right: 850.523+/-1334.744 χ^2/NDF : 13.5/12

In: 3523.628+/-2267.238 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 850.523+/-1334.744 χ^2/NDF : 13.5/12

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: 2884.060+/-1.168 χ^2/NDF : 406310.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

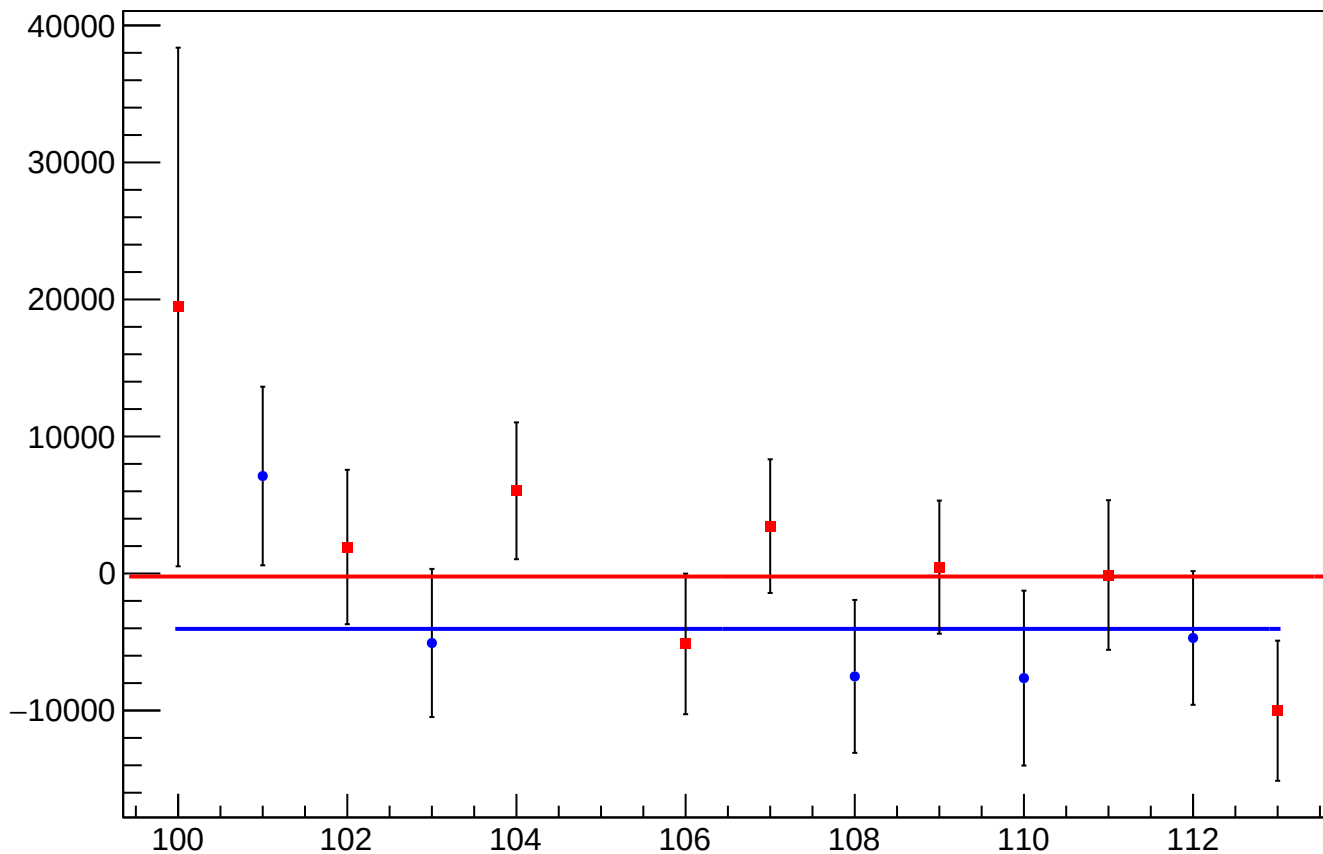
Right: 3124.957+/-0.944 χ^2/NDF : 594357.4/12

In: 3579.131+/-1.603 χ^2/NDF : 65222.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3124.957+/-0.944 χ^2/NDF : 594357.4/12

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: -221.731+/-1929.250 χ^2/NDF : 8.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

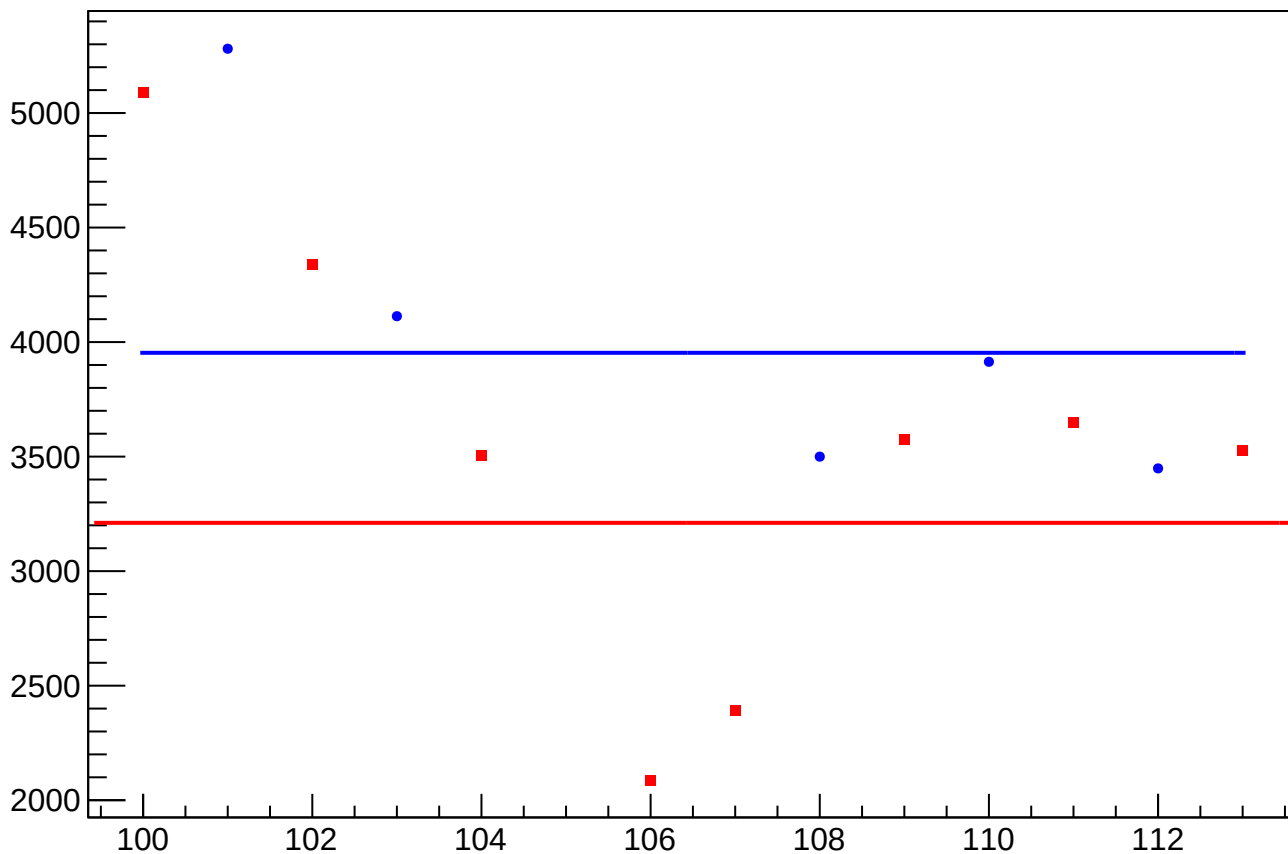
Right: -1627.890+/-1533.737 χ^2/NDF : 13.1/12

In: -4042.931+/-2528.329 χ^2/NDF : 3.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1627.890+/-1533.737 χ^2/NDF : 13.1/12

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: 3210.851+/-1.326 χ^2/NDF : 329634.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

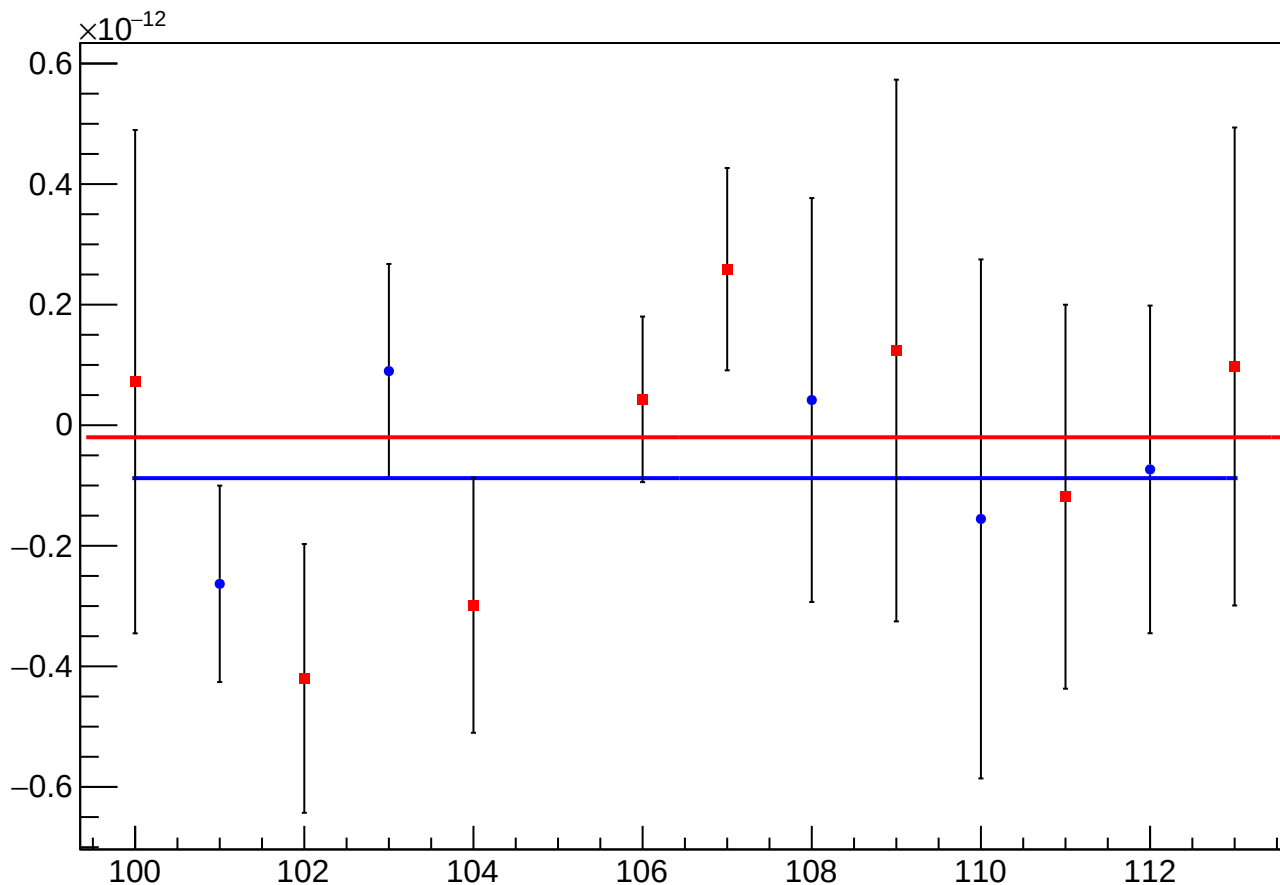
Right: 3474.362+/-1.065 χ^2/NDF : 560221.4/12

In: 3953.175+/-1.788 χ^2/NDF : 119376.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3474.362+/-1.065 χ^2/NDF : 560221.4/12

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 : 8.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

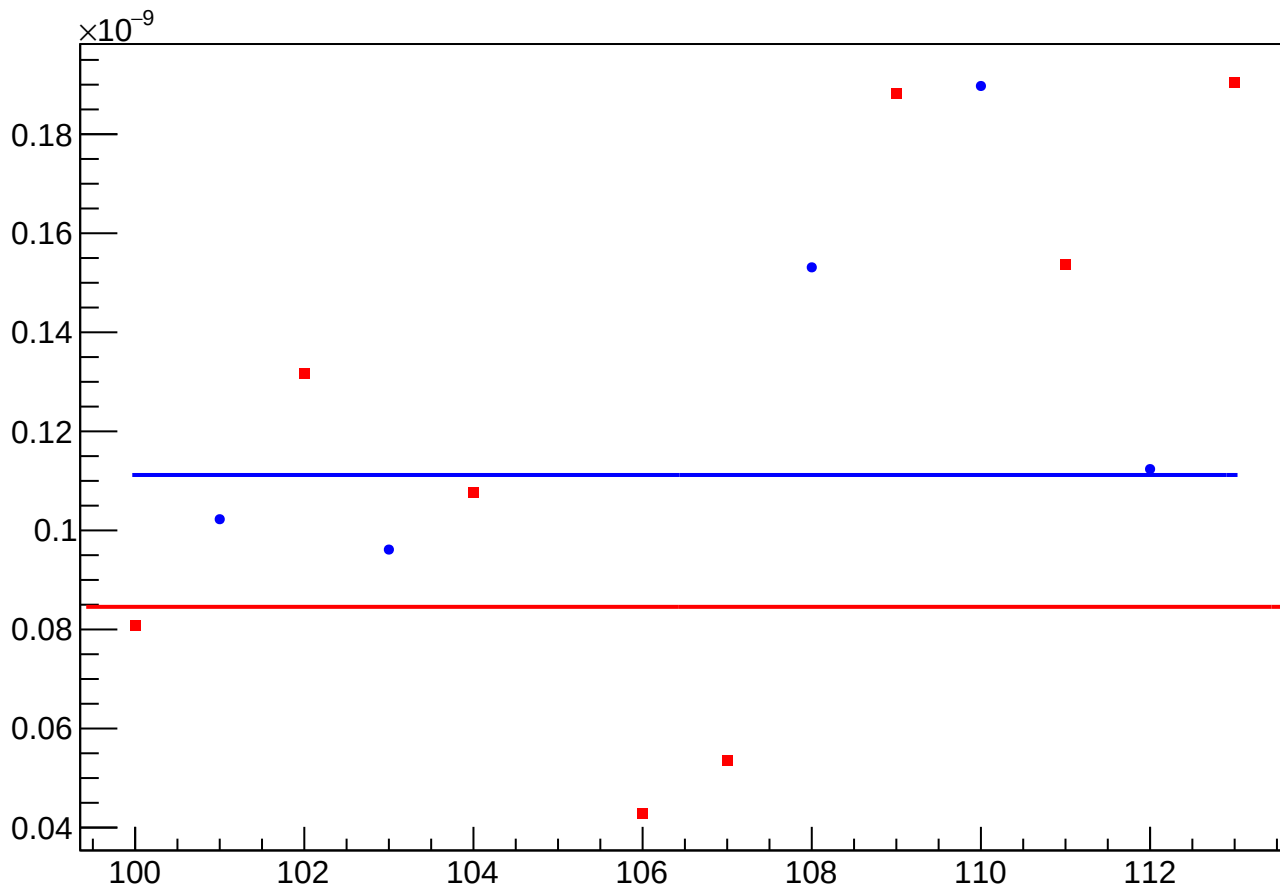
Right: -0.000+/-0.000 χ^2/NDF : 10.9/12

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 : 10.9/12

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 : 710553.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

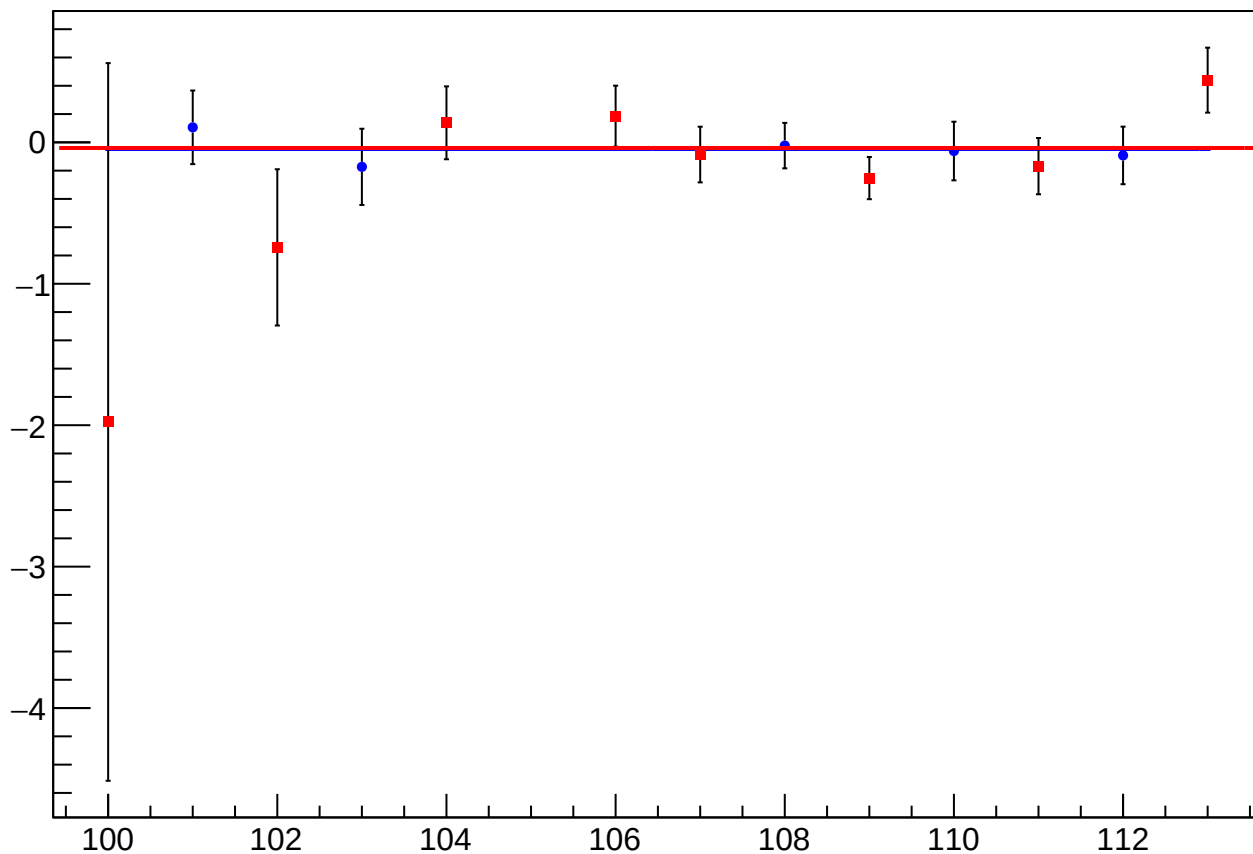
Right: 0.000+/-0.000 χ^2/NDF : 914143.5/12

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 : 914143.5/12

asym_atl1r2_dd_atl2r1_dd_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: -0.040 $\pm$ 0.080 χ^2 /NDF: 10.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

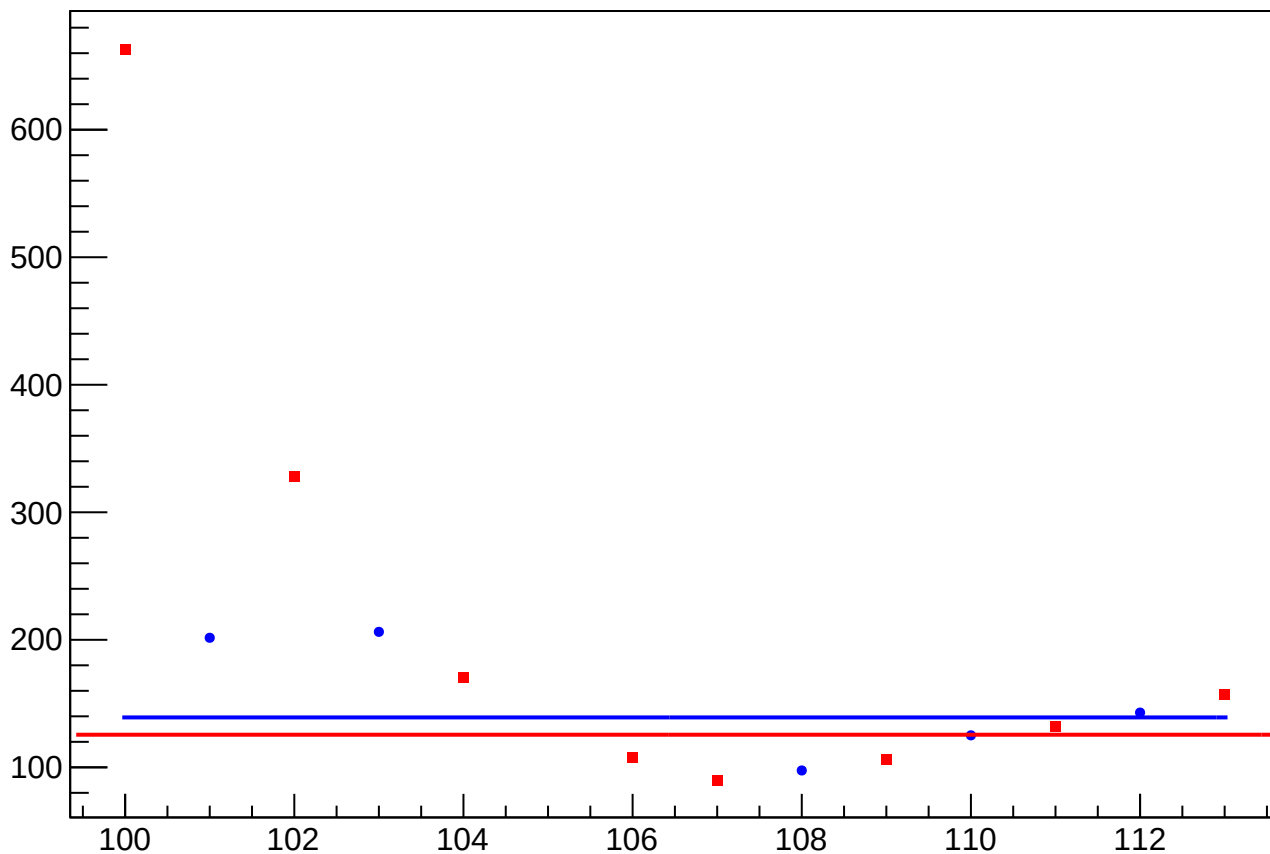
Right: -0.043 $\pm$ 0.061 χ^2 /NDF: 11.3/12

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: -0.043 $\pm$ 0.061 χ^2 /NDF: 11.3/12

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: 125.574+/-0.057 χ^2/NDF : 572839.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

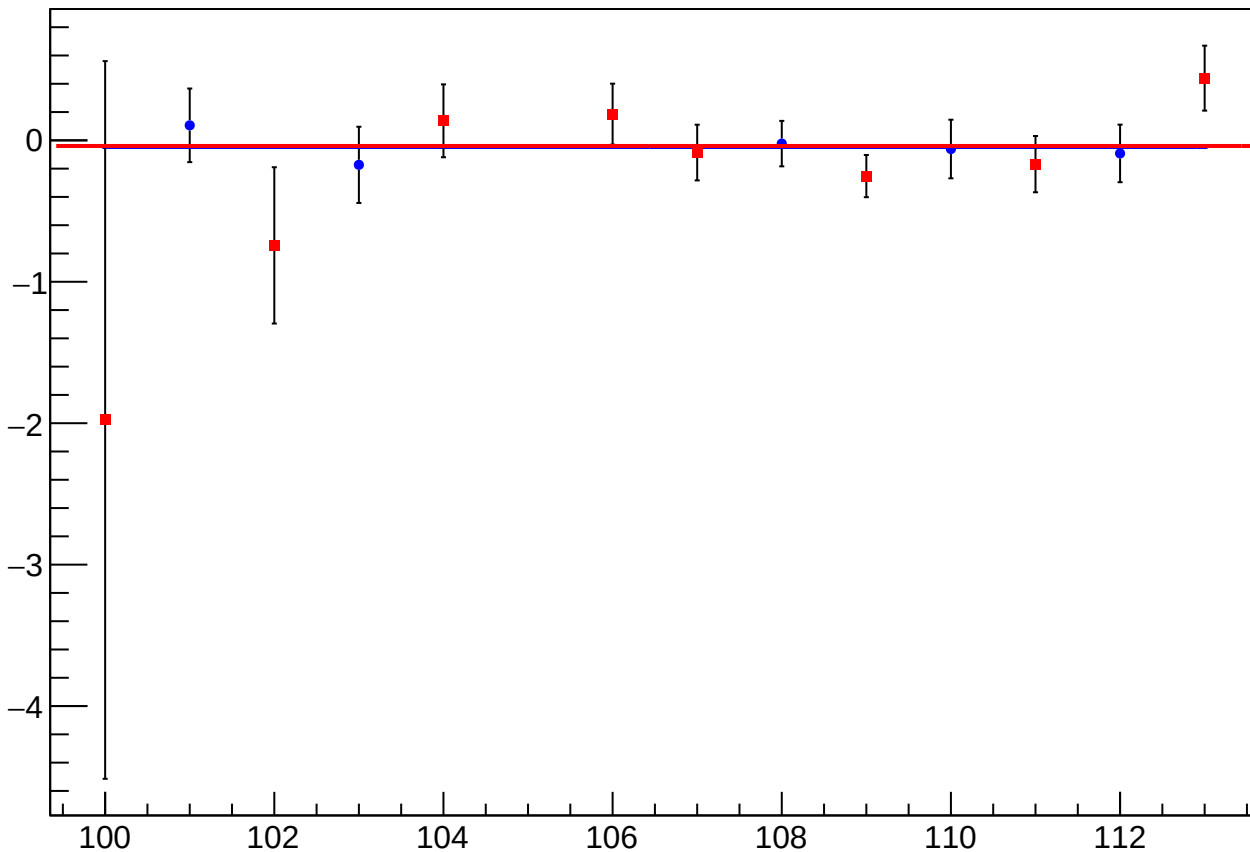
Right: 131.349+/-0.043 χ^2/NDF : 980297.3/12

In: 139.147+/-0.066 χ^2/NDF : 383175.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.349+/-0.043 χ^2/NDF : 980297.3/12

asym_atl1r2_dd_atl2r1_dd_dd_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: -0.040 $\pm$ 0.080 χ^2 /NDF: 10.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

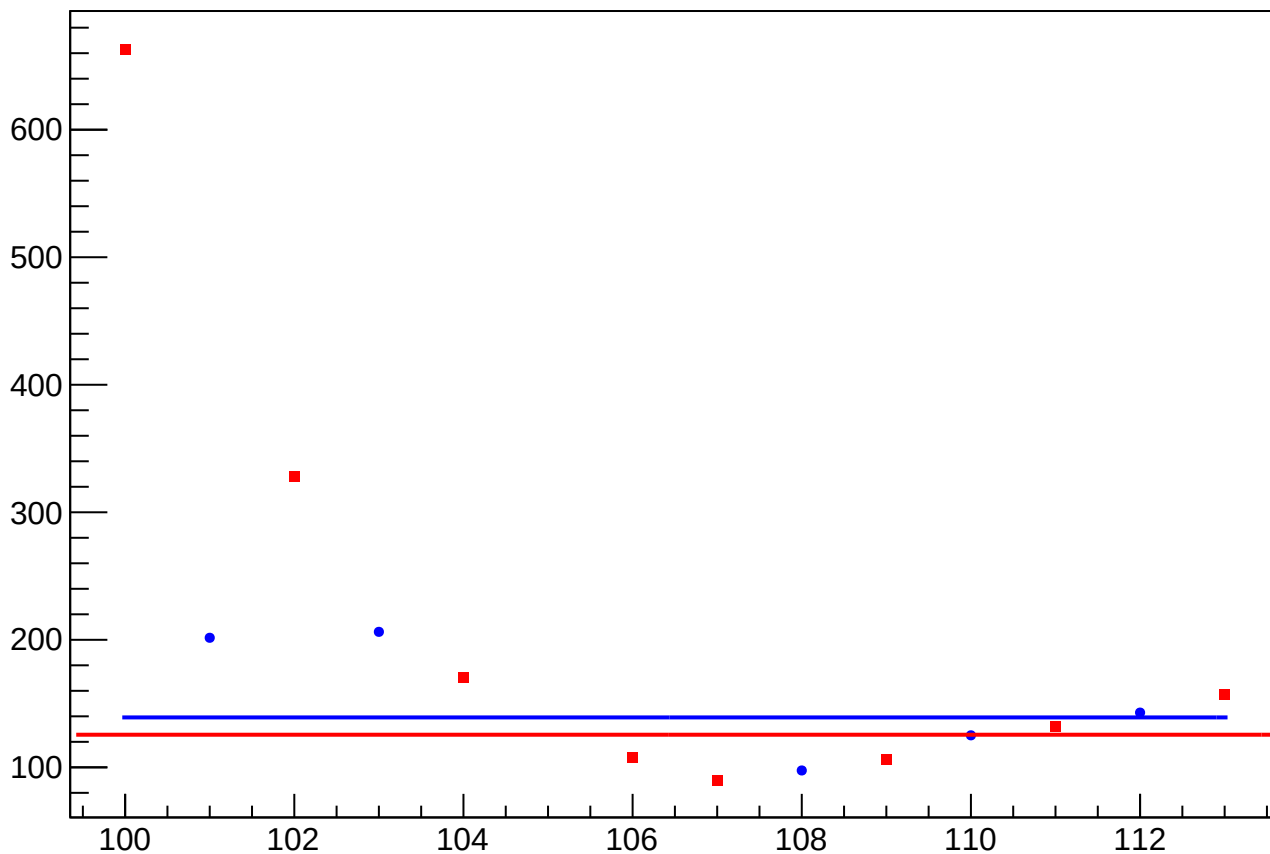
Right: -0.043 $\pm$ 0.061 χ^2 /NDF: 11.3/12

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: -0.043 $\pm$ 0.061 χ^2 /NDF: 11.3/12

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: 125.574+/-0.057 χ^2/NDF : 572839.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

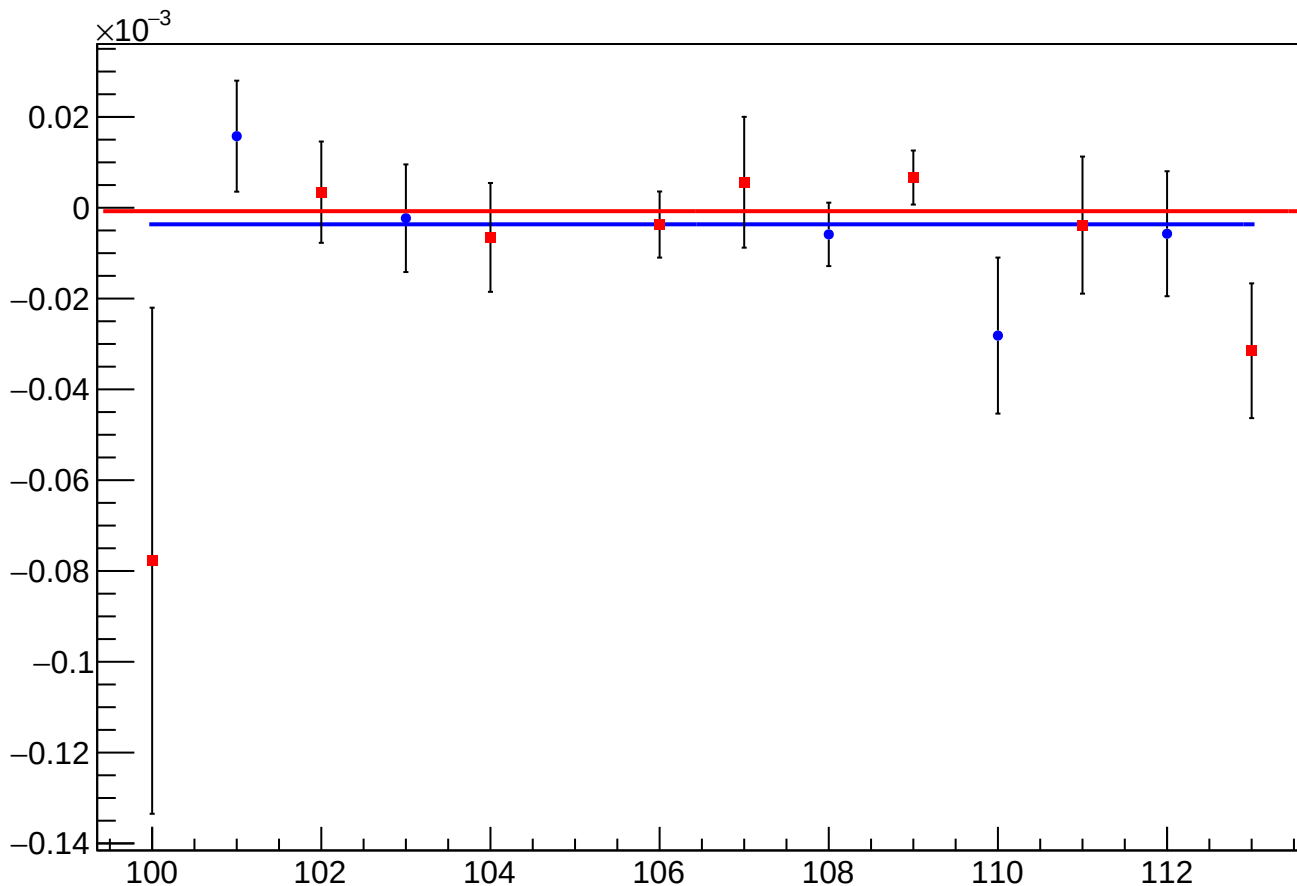
Right: 131.349+/-0.043 χ^2/NDF : 980297.3/12

In: 139.147+/-0.066 χ^2/NDF : 383175.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.349+/-0.043 χ^2/NDF : 980297.3/12

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: 8.5/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

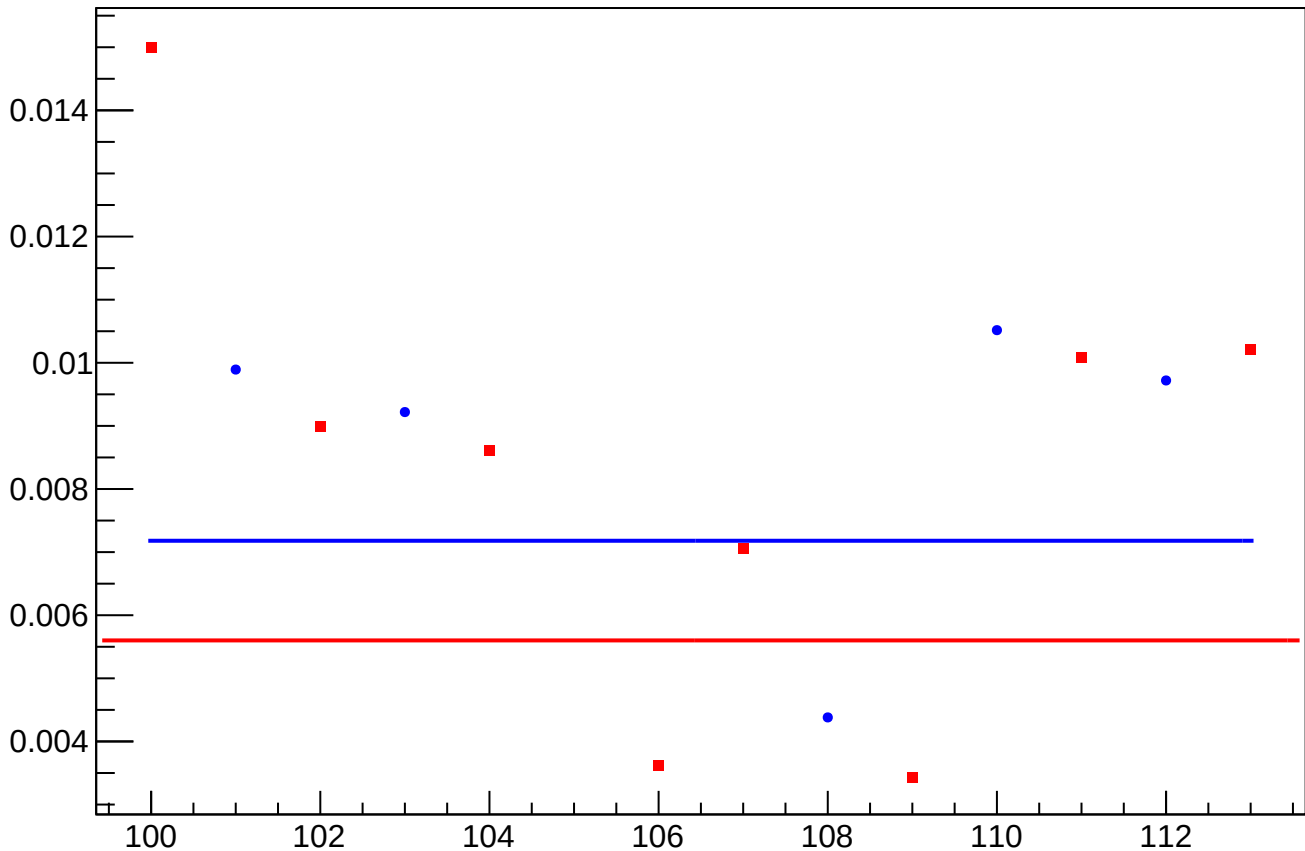
Right: -0.000+/-0.000 χ^2 /NDF: 13.4/12

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: 13.4/12

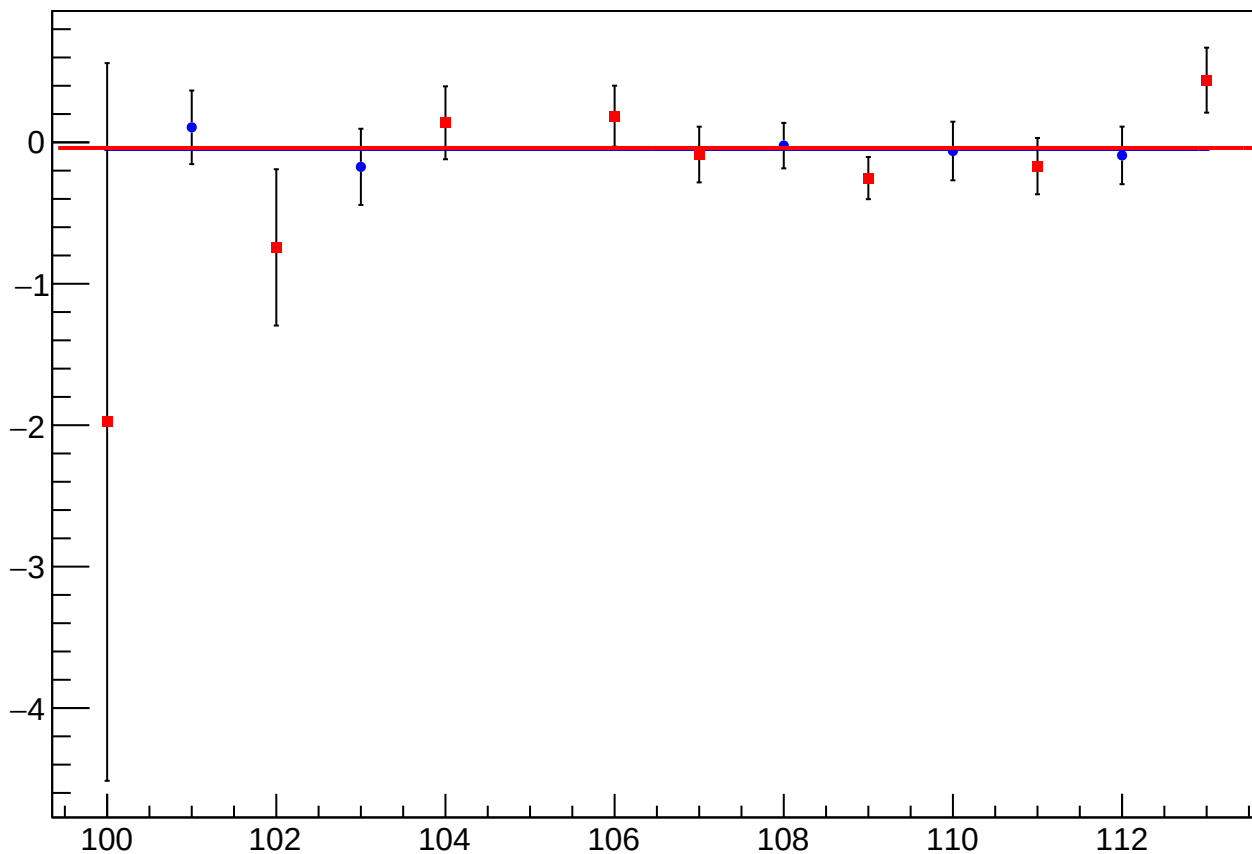
asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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: 0.006+/-0.000 χ^2/NDF : 1173624.1/7
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.006+/-0.000 χ^2/NDF : 1933030.5/12
 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 : 1933030.5/12

asym_atl1r2_dd_atl2r1_dd_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: -0.040 $\pm$ 0.080 χ^2 /NDF: 10.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

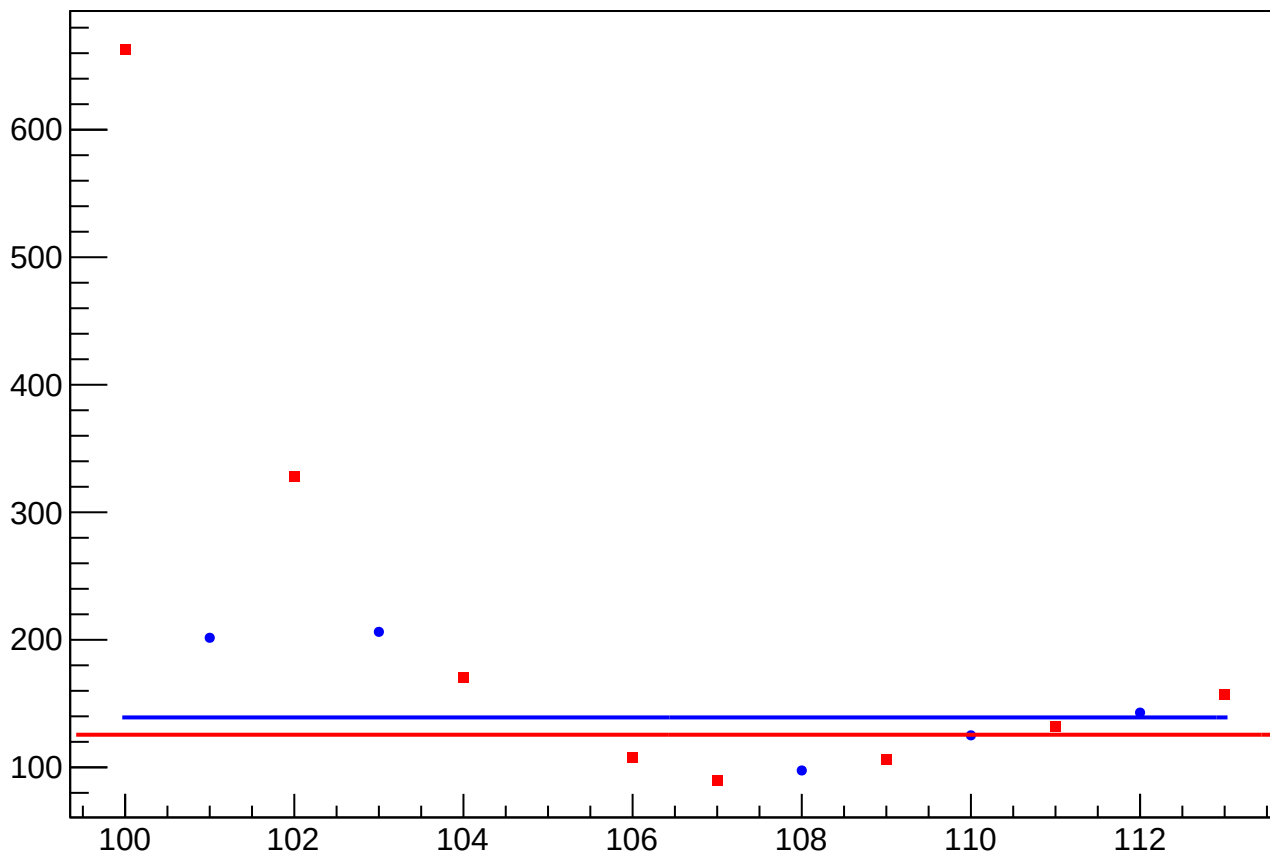
Right: -0.043 $\pm$ 0.061 χ^2 /NDF: 11.3/12

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: -0.043 $\pm$ 0.061 χ^2 /NDF: 11.3/12

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: 125.576+/-0.057 χ^2/NDF : 572795.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

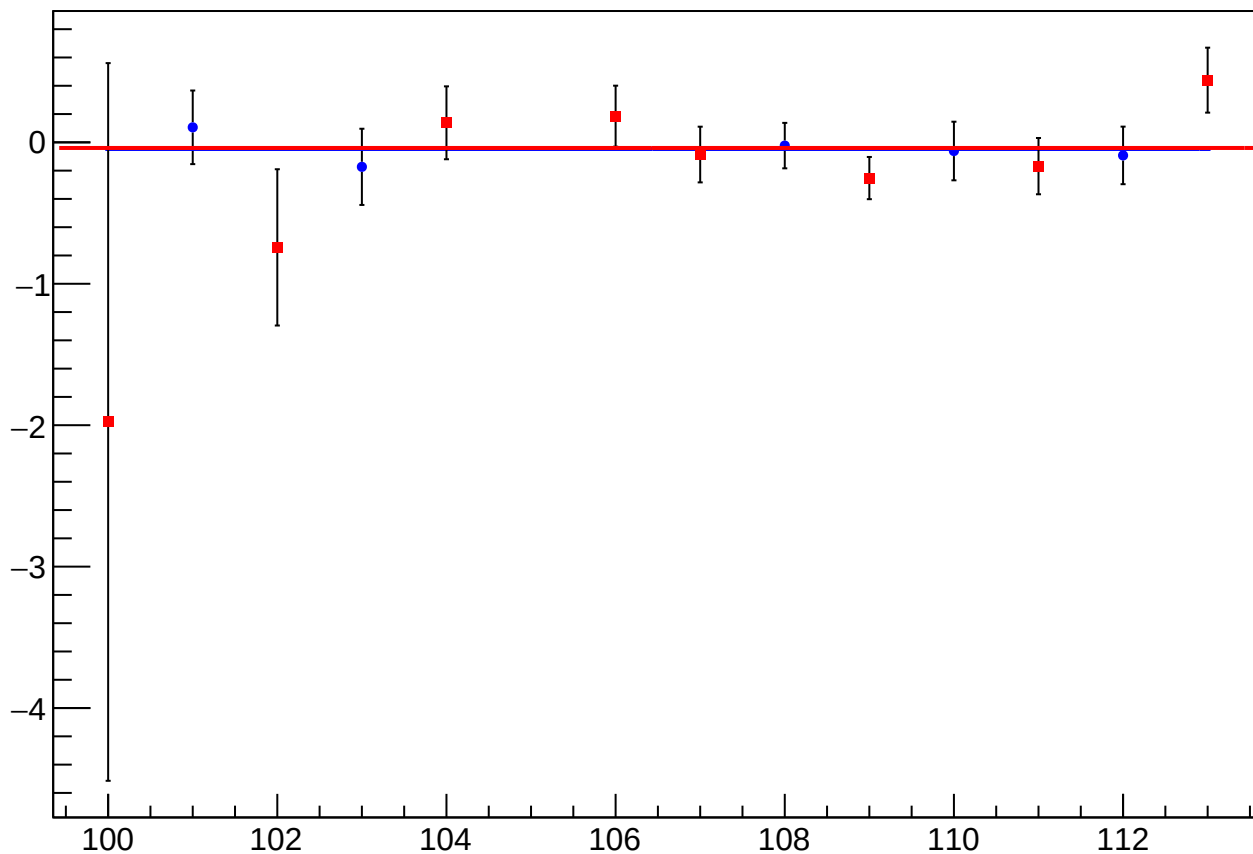
Right: 131.351+/-0.043 χ^2/NDF : 980213.3/12

In: 139.149+/-0.066 χ^2/NDF : 383138.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.351+/-0.043 χ^2/NDF : 980213.3/12

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: -0.040 $\pm$ 0.080 χ^2 /NDF: 10.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

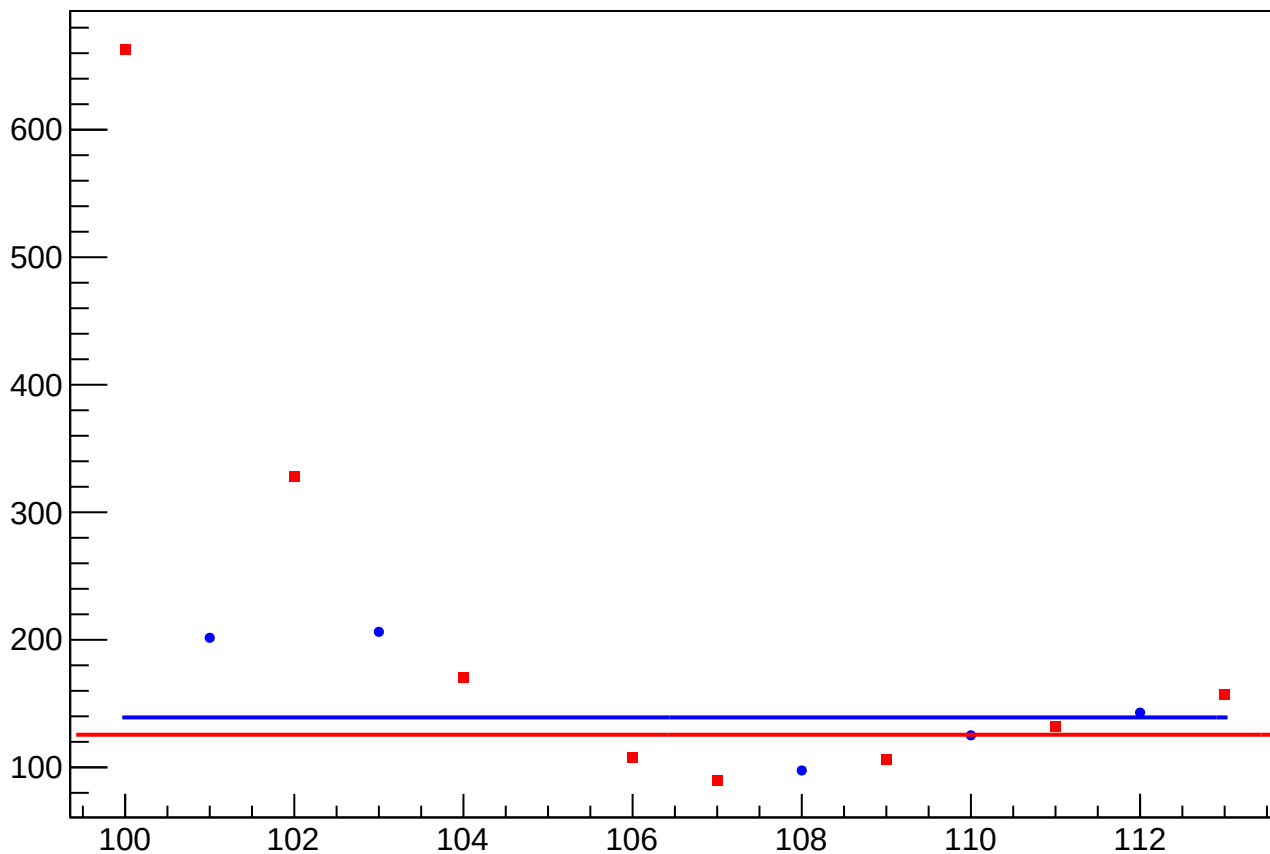
Right: -0.043 $\pm$ 0.061 χ^2 /NDF: 11.3/12

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: -0.043 $\pm$ 0.061 χ^2 /NDF: 11.3/12

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: 125.576+/-0.057 χ^2/NDF : 572795.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

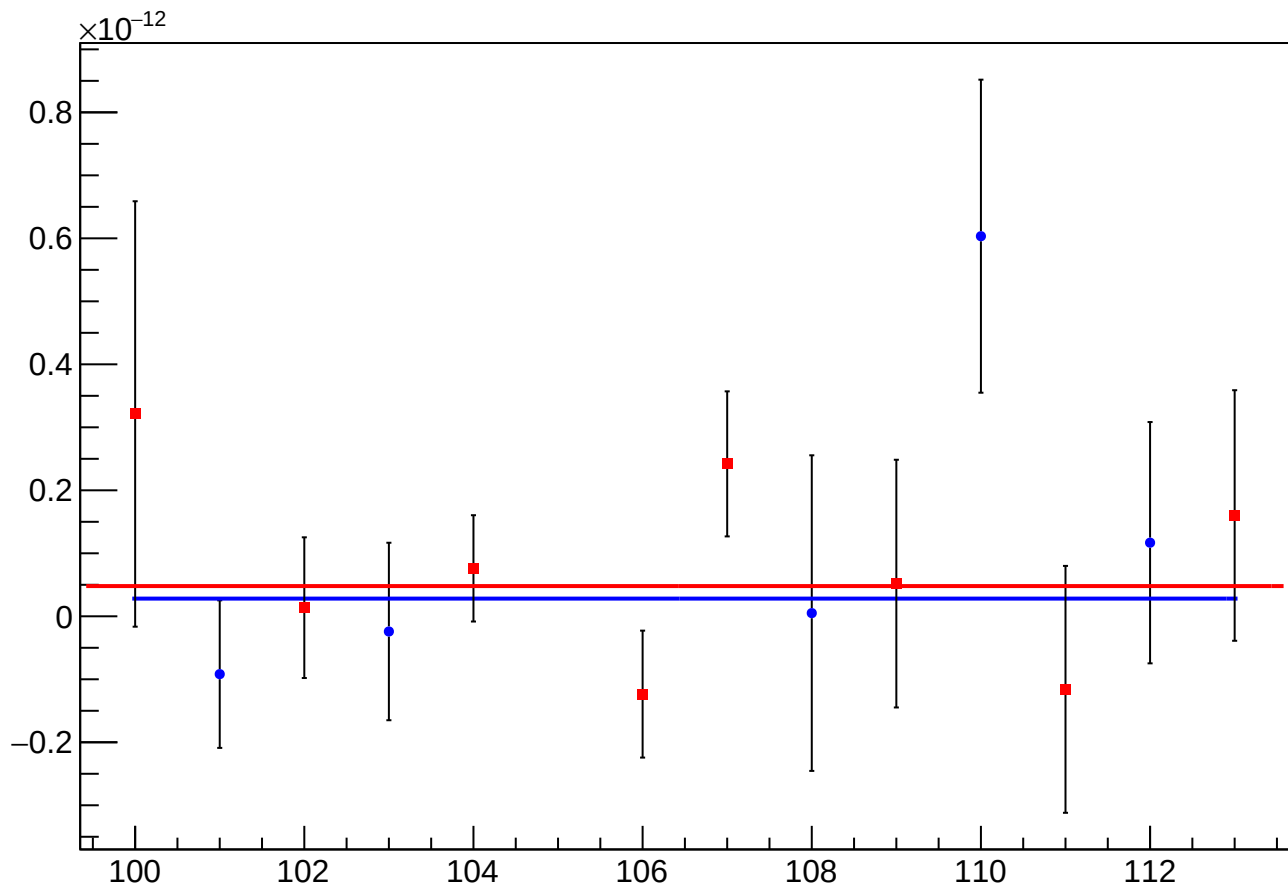
Right: 131.351+/-0.043 χ^2/NDF : 980213.3/12

In: 139.149+/-0.066 χ^2/NDF : 383138.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.351+/-0.043 χ^2/NDF : 980213.3/12

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 : 7.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

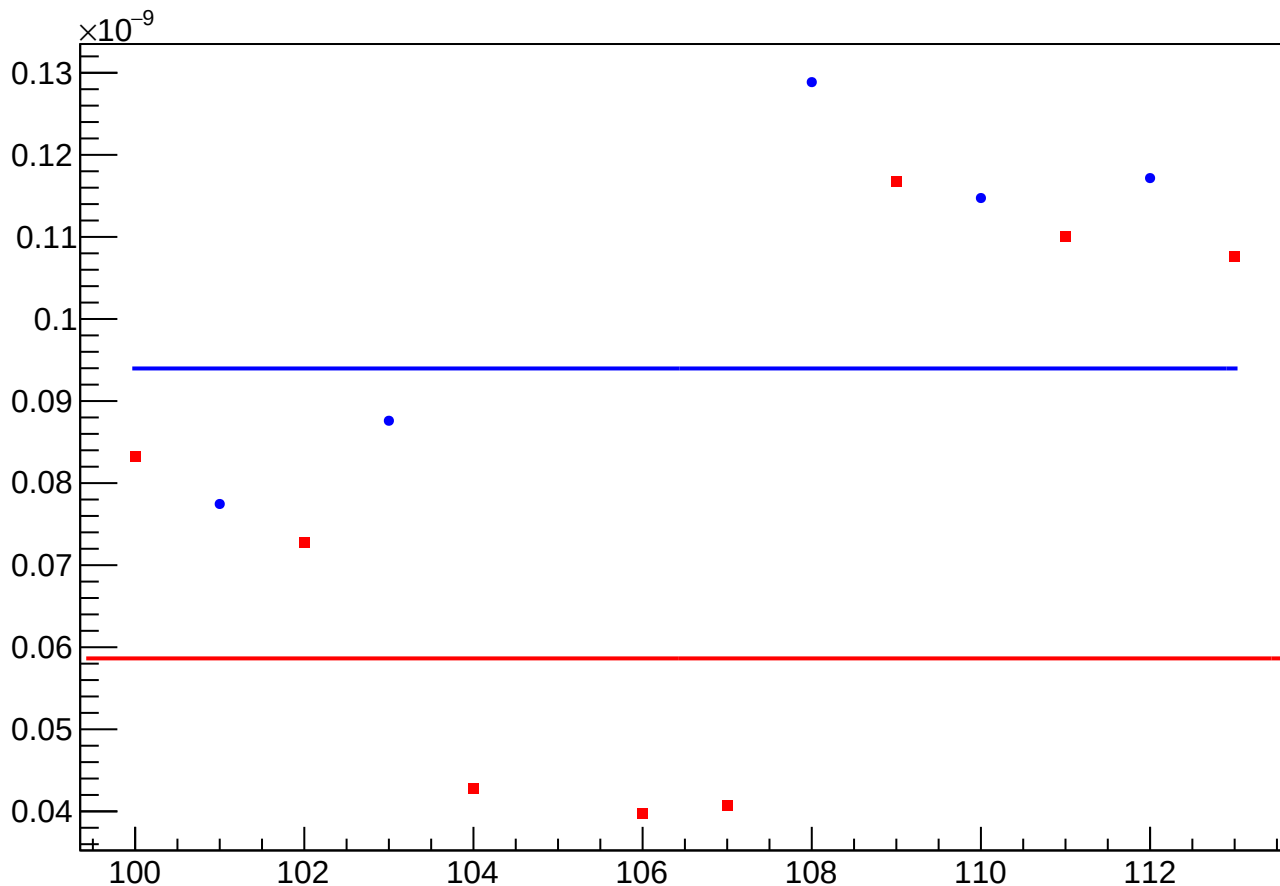
Right: 0.000+/-0.000 χ^2/NDF : 14.4/12

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 : 14.4/12

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 : 665210.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

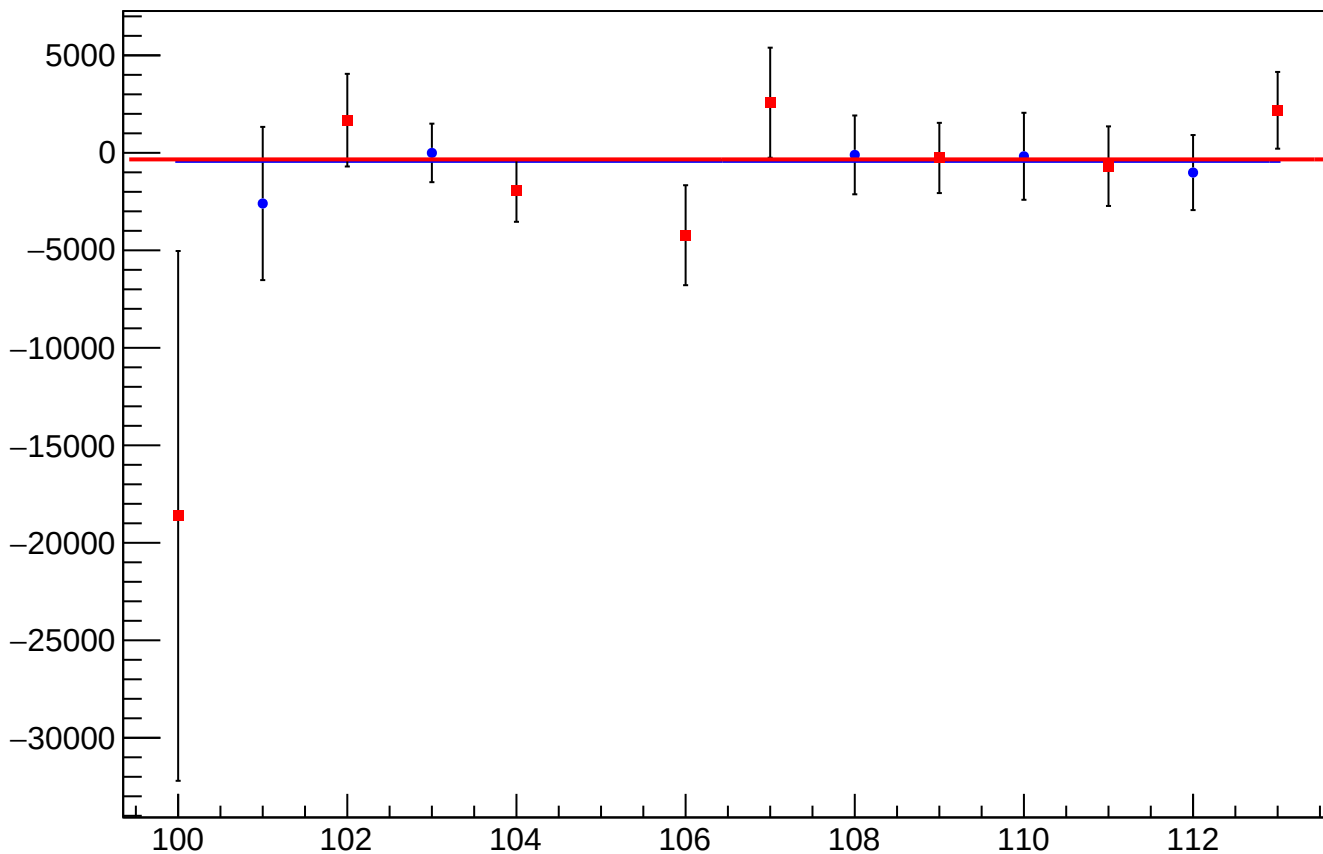
Right: 0.000+/-0.000 χ^2/NDF : 1121626.2/12

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 : 1121626.2/12

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: -336.145+/-777.287 χ^2/NDF : 8.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

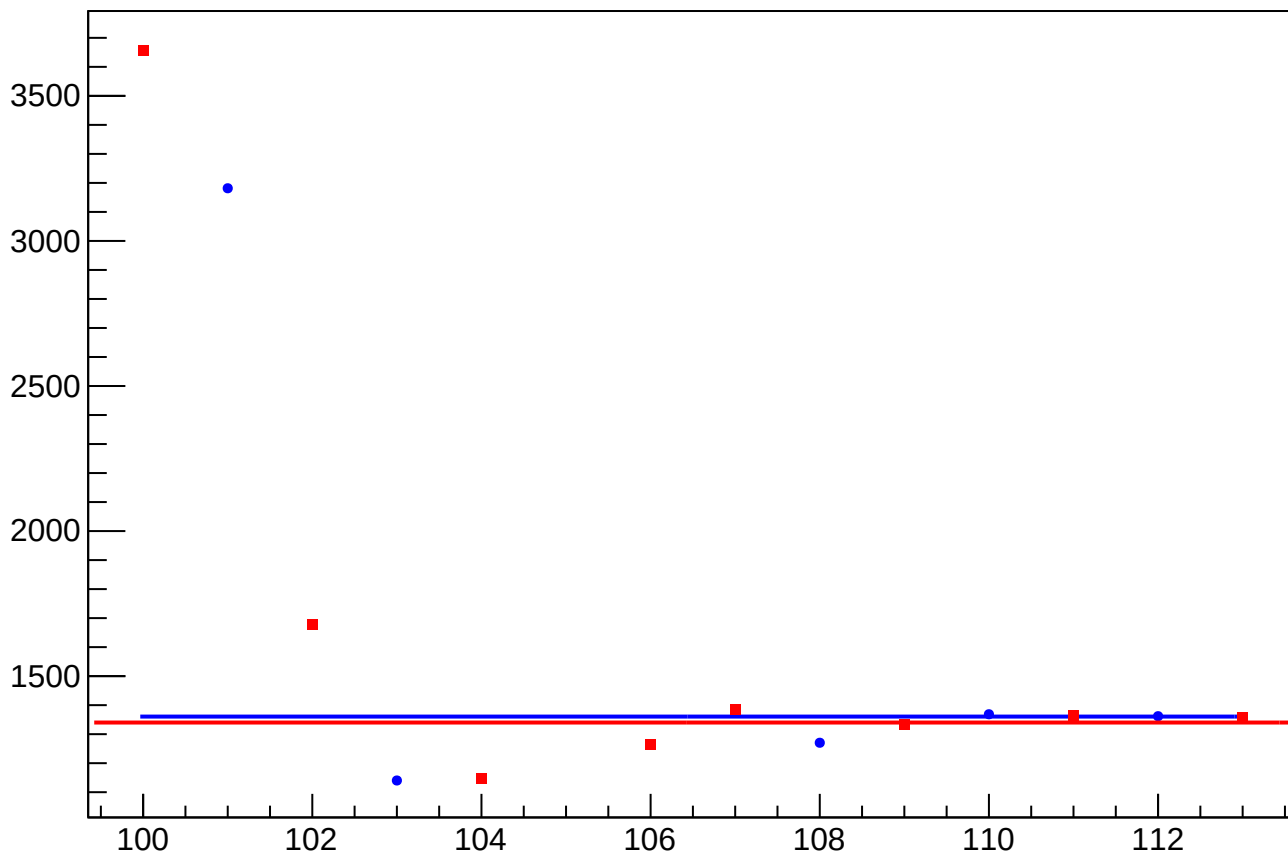
Right: -368.359+/-589.259 χ^2/NDF : 9.1/12

In: -411.890+/-903.574 χ^2/NDF : 0.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -368.359+/-589.259 χ^2/NDF : 9.1/12

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: 1340.093+/-0.550 χ^2/NDF : 129502.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

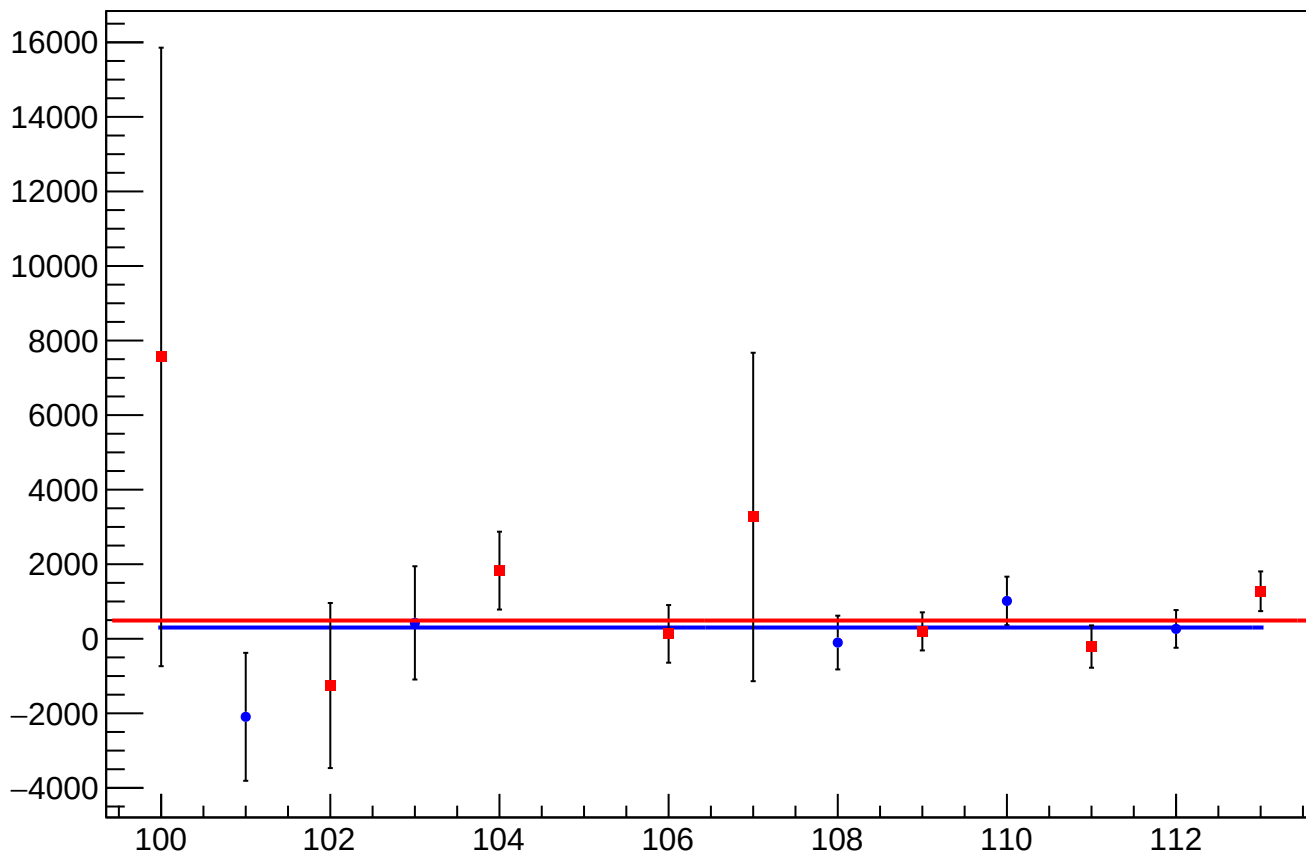
Right: 1348.823+/-0.417 χ^2/NDF : 606900.4/12

In: 1360.620+/-0.639 χ^2/NDF : 476804.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1348.823+/-0.417 χ^2/NDF : 606900.4/12

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: 489.238+/-274.020 χ^2/NDF : 7.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

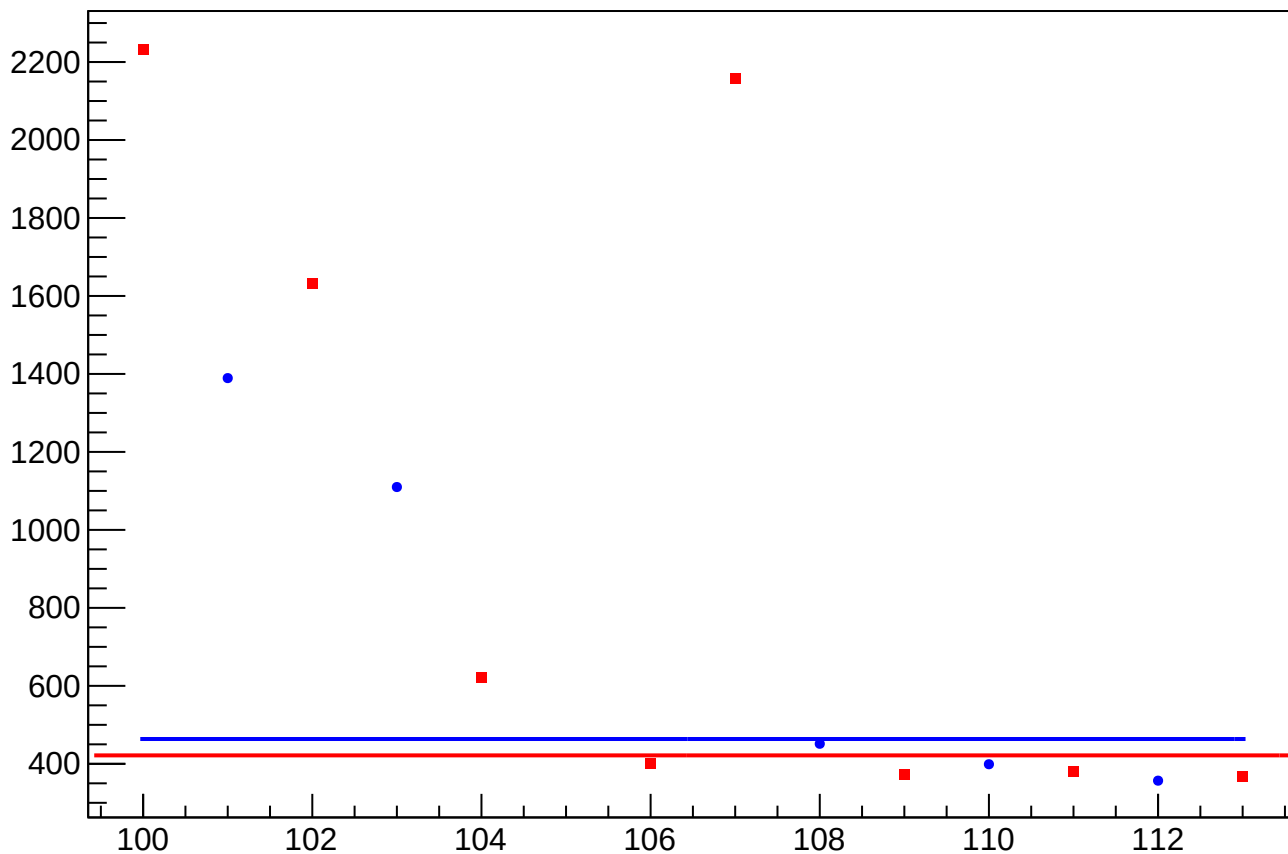
Right: 413.752+/-211.813 χ^2/NDF : 11.3/12

In: 301.693+/-333.866 χ^2/NDF : 3.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 413.752+/-211.813 χ^2/NDF : 11.3/12

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: 421.668 $\pm$ 0.194 χ^2 /NDF: 1128319.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

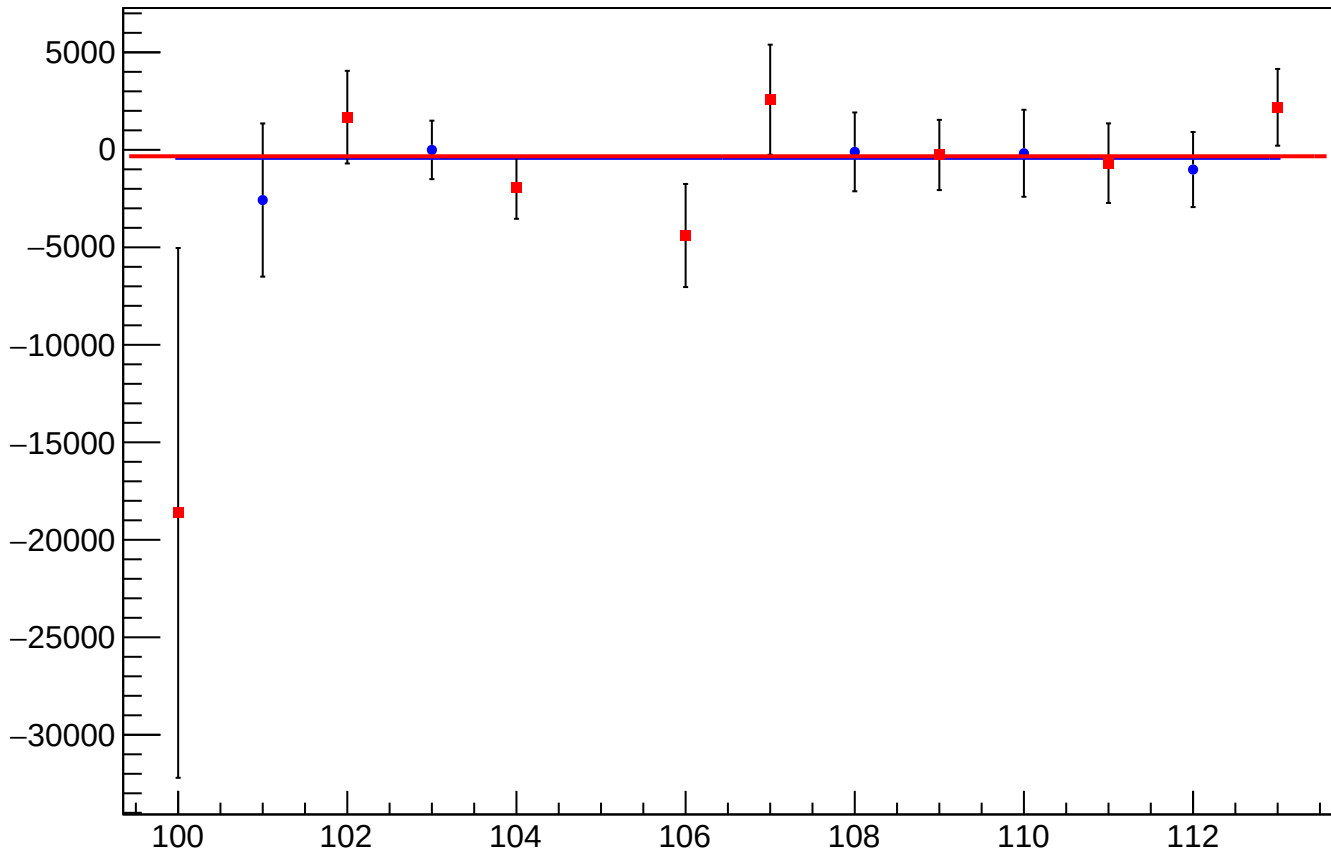
Right: 438.572 $\pm$ 0.150 χ^2 /NDF: 2200688.1/12

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: 438.572 $\pm$ 0.150 χ^2 /NDF: 2200688.1/12

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: -329.426+/-779.434 χ^2/NDF : 8.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

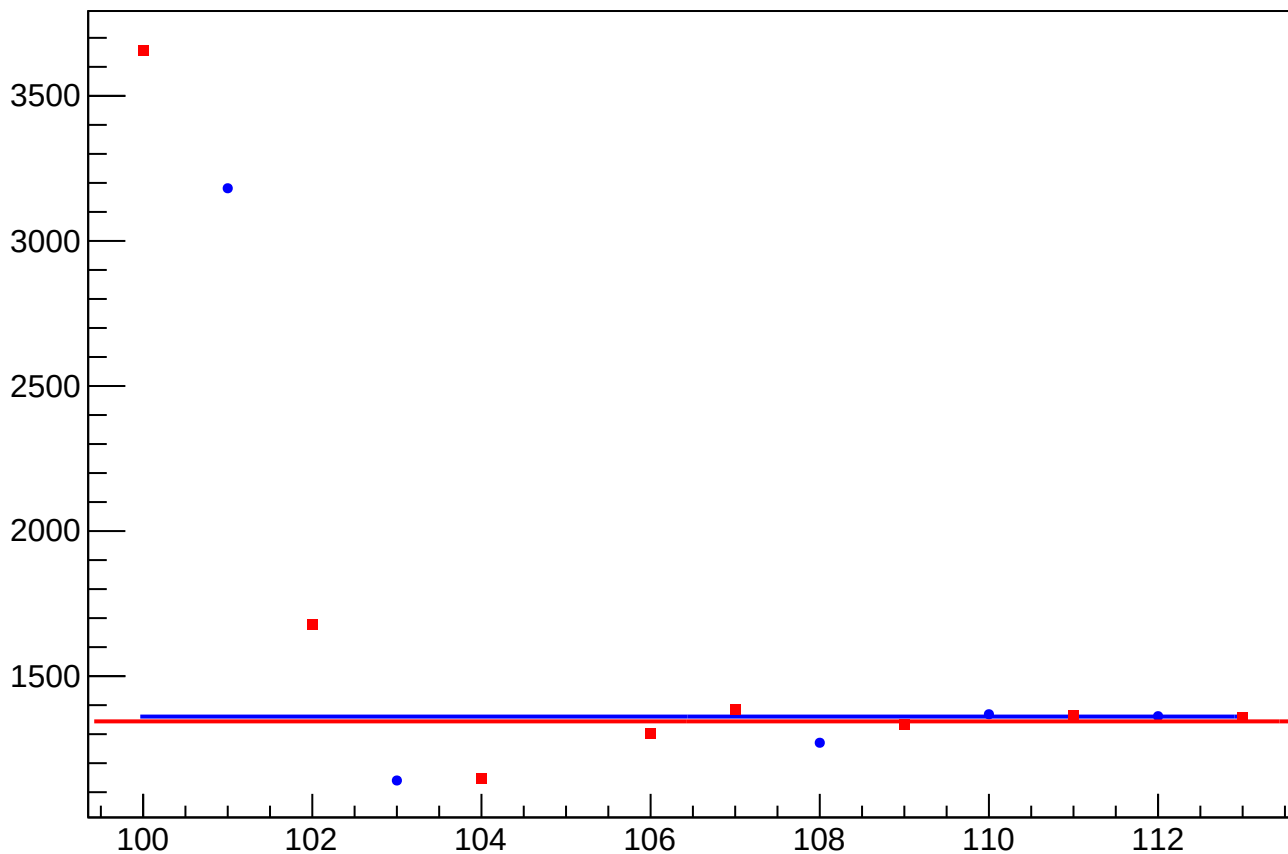
Right: -364.043+/-590.193 χ^2/NDF : 9.1/12

In: -410.566+/-903.574 χ^2/NDF : 0.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -364.043+/-590.193 χ^2/NDF : 9.1/12

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: 1344.064+/-0.551 χ^2/NDF : 128020.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

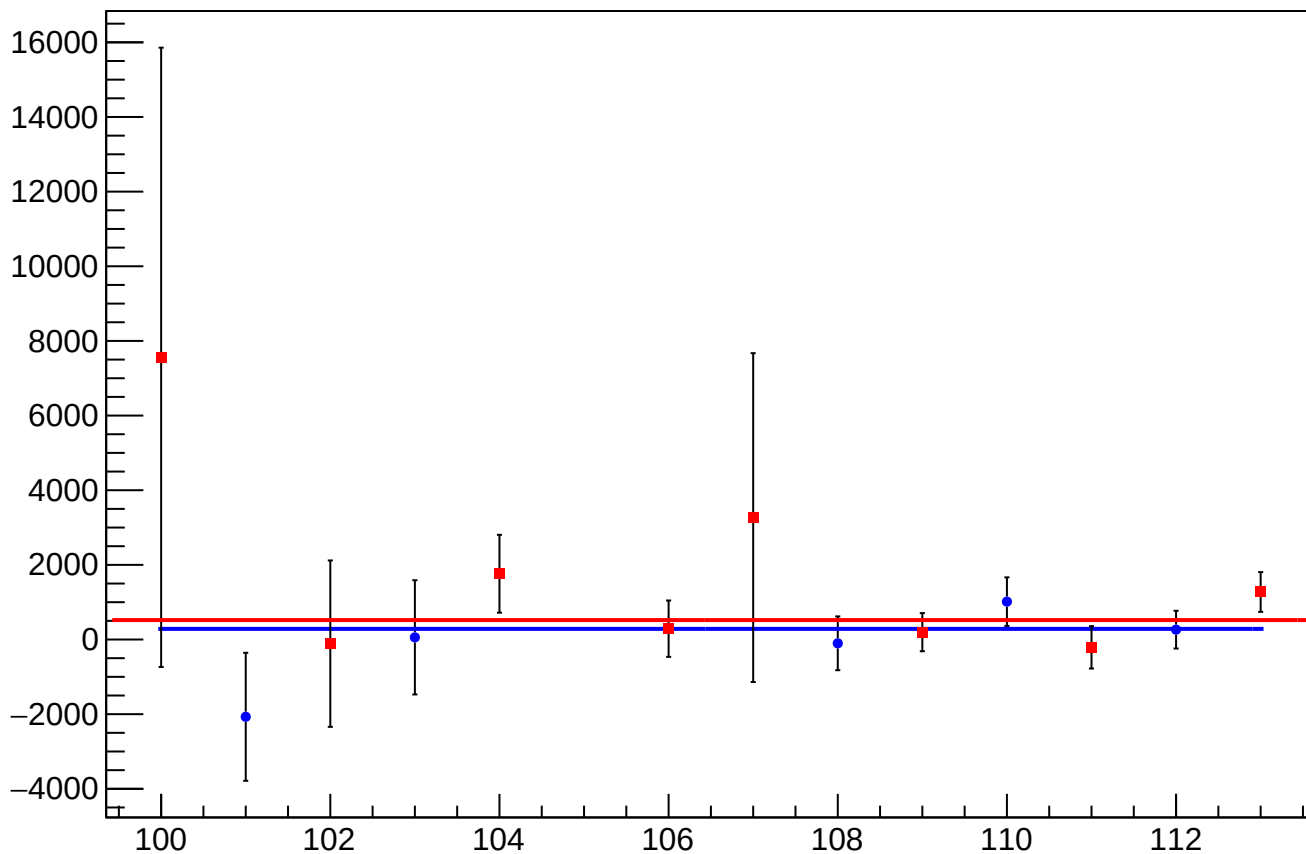
Right: 1351.127+/-0.417 χ^2/NDF : 605212.3/12

In: 1360.619+/-0.639 χ^2/NDF : 476806.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1351.127+/-0.417 χ^2/NDF : 605212.3/12

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: 520.926+/-273.176 χ^2/NDF : 6.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

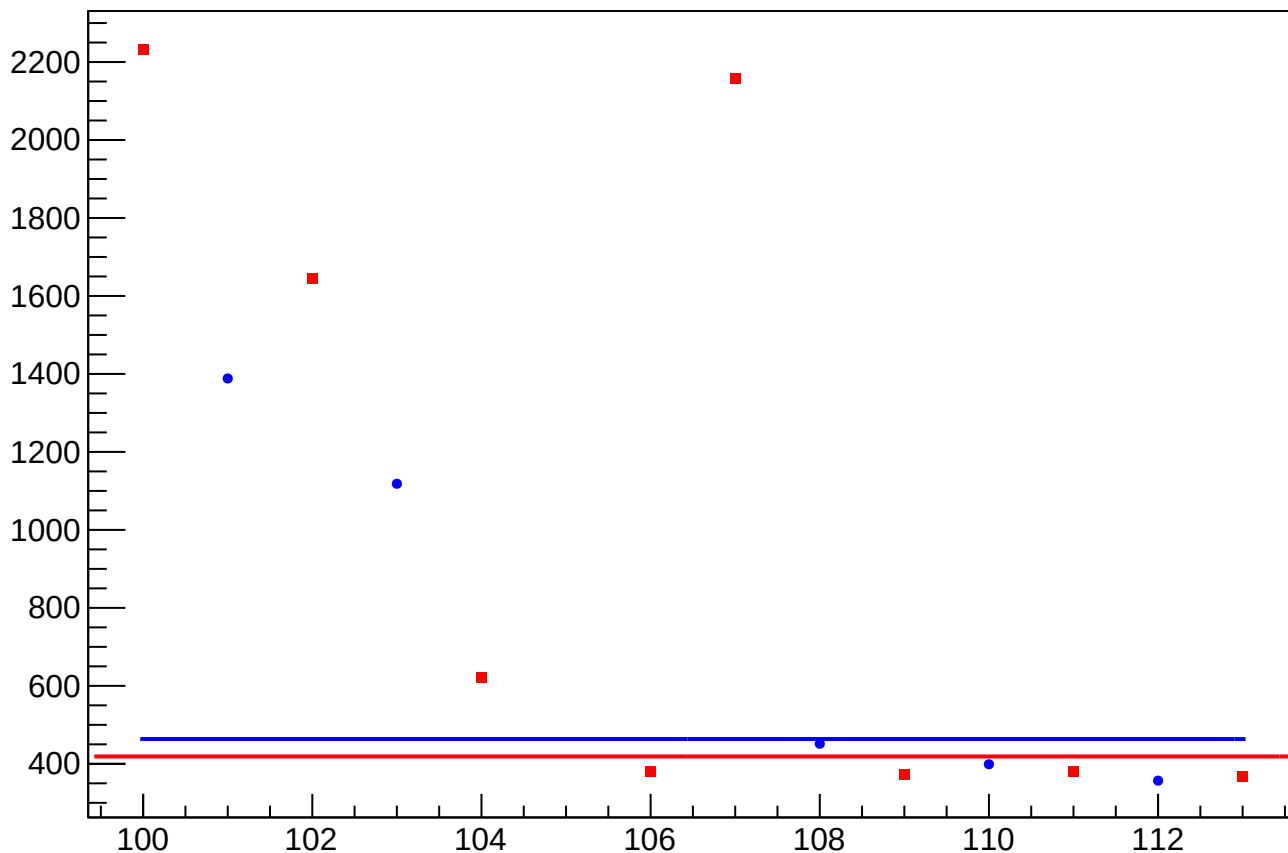
Right: 426.309+/-211.451 χ^2/NDF : 10.5/12

In: 284.887+/-333.976 χ^2/NDF : 3.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 426.309+/-211.451 χ^2/NDF : 10.5/12

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: 418.965+/-0.193 χ^2/NDF : 1139192.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

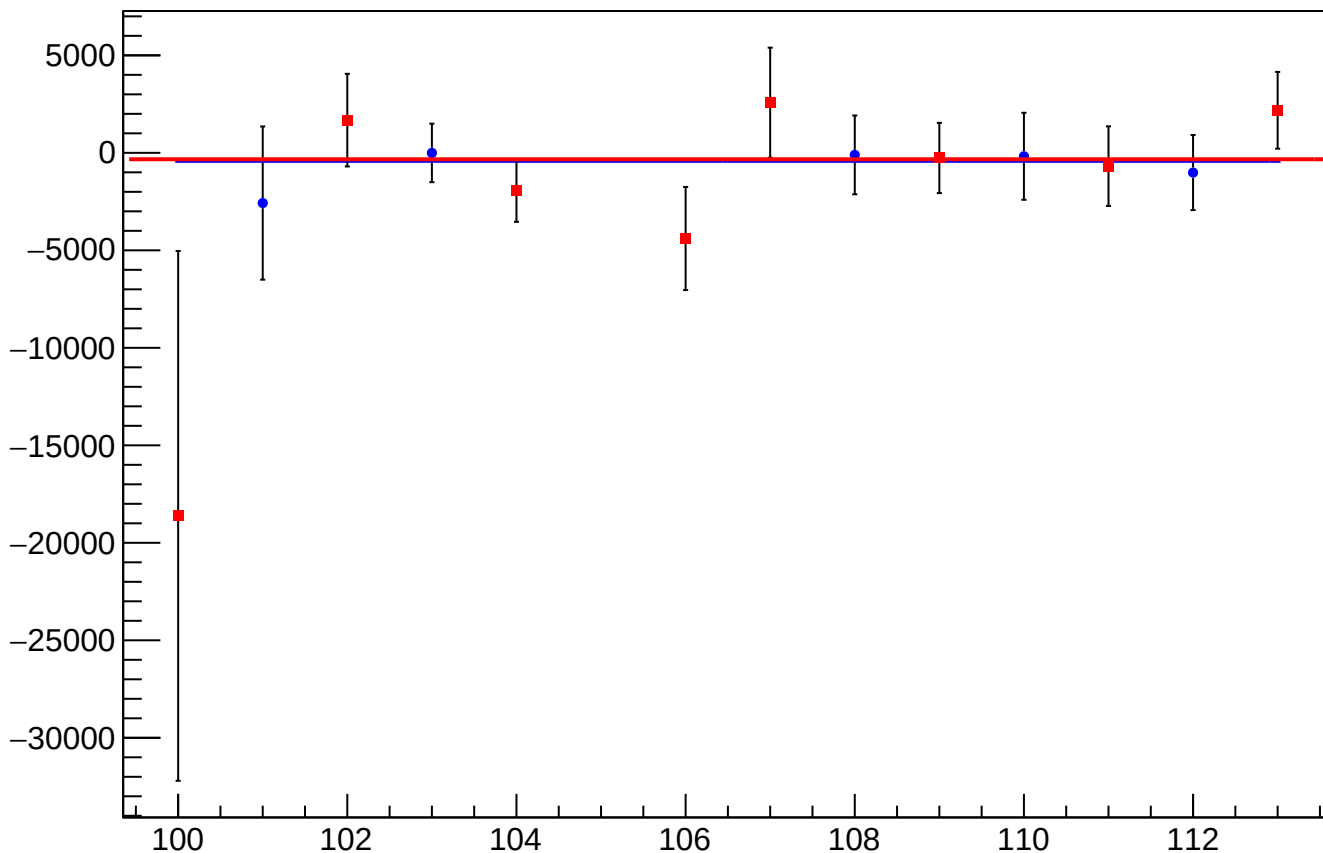
Right: 436.866+/-0.150 χ^2/NDF : 2217681.8/12

In: 463.622+/-0.236 χ^2/NDF : 1057065.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 436.866+/-0.150 χ^2/NDF : 2217681.8/12

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: -329.426+/-779.434 χ^2/NDF : 8.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

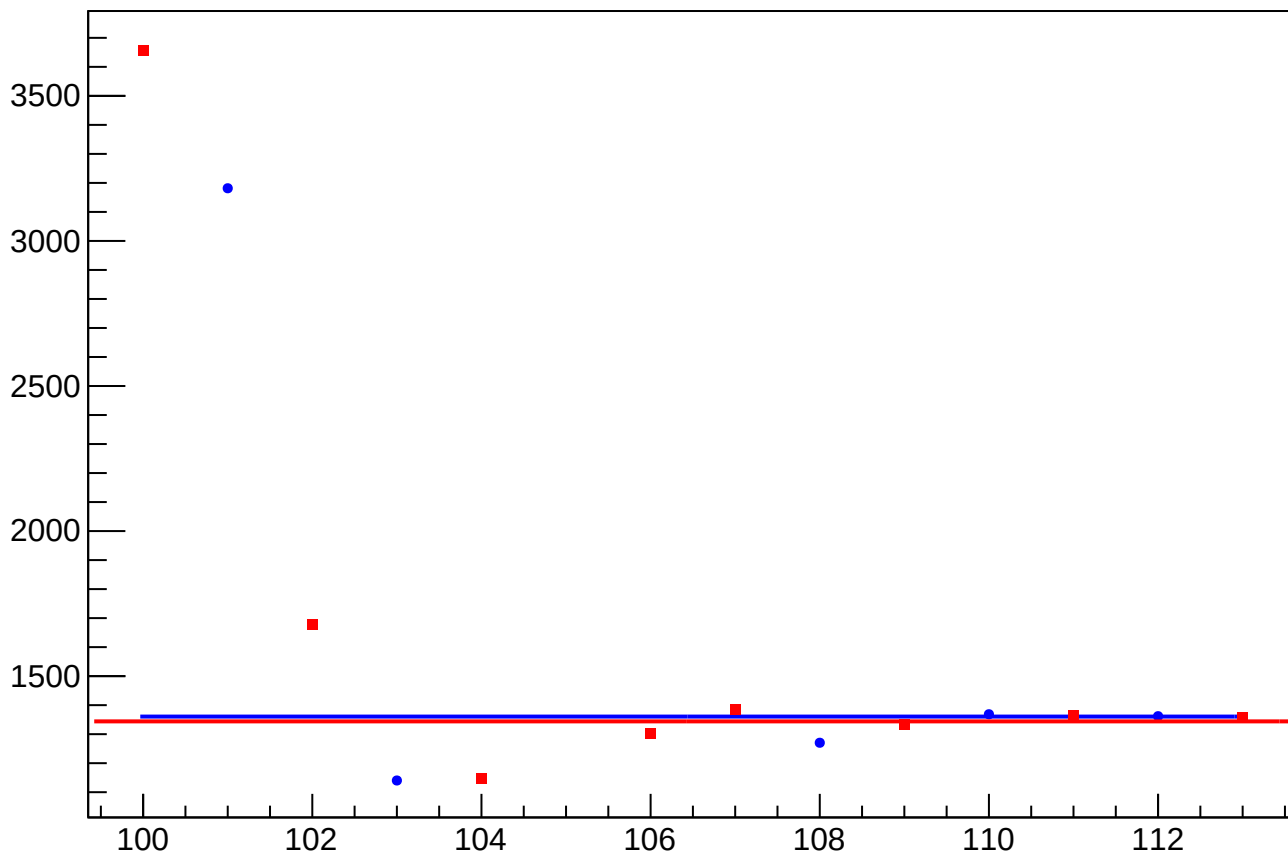
Right: -364.043+/-590.193 χ^2/NDF : 9.1/12

In: -410.566+/-903.574 χ^2/NDF : 0.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -364.043+/-590.193 χ^2/NDF : 9.1/12

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: 1344.064+/-0.551 χ^2/NDF : 128020.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

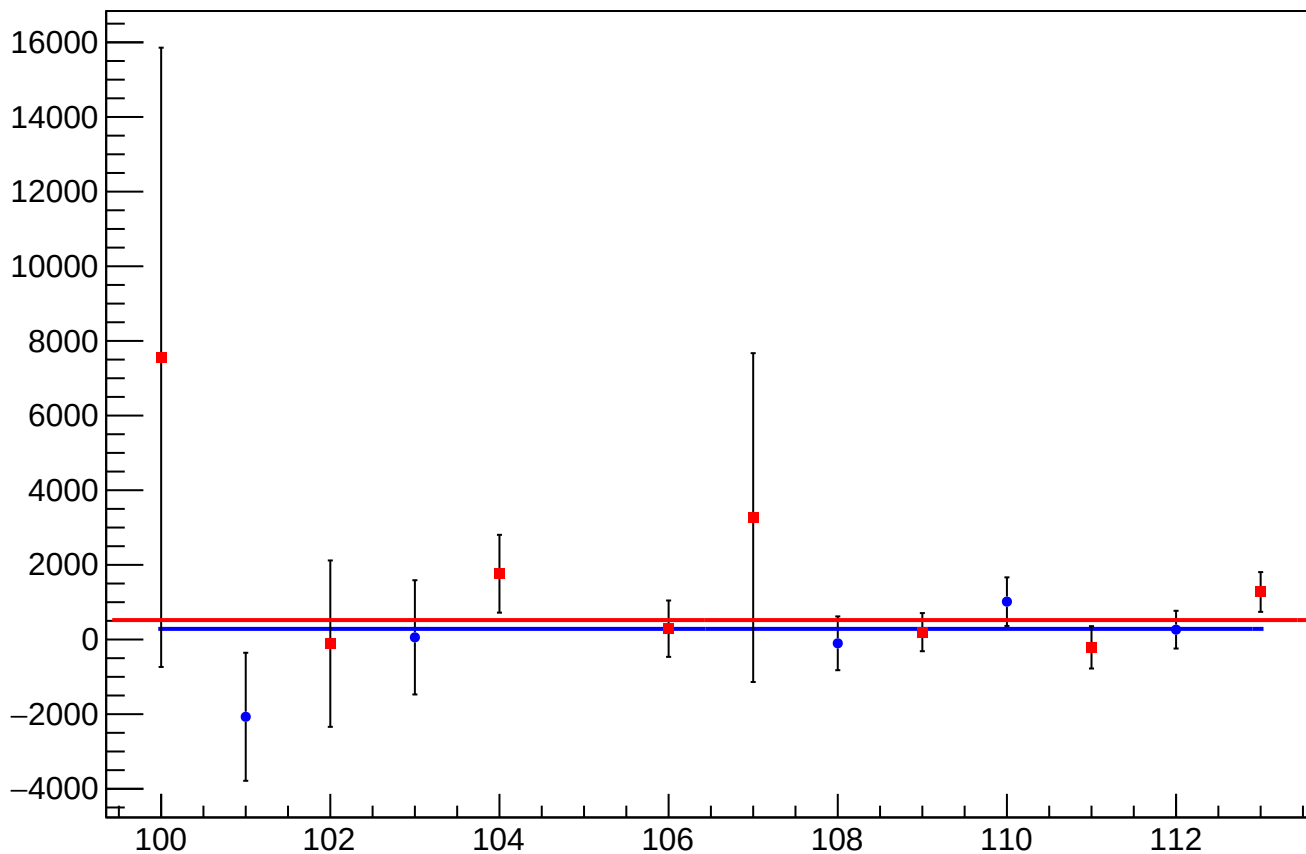
Right: 1351.127+/-0.417 χ^2/NDF : 605212.3/12

In: 1360.619+/-0.639 χ^2/NDF : 476806.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1351.127+/-0.417 χ^2/NDF : 605212.3/12

asym_atl1r2_dd_atl2r1_dd_avg_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: 520.926+/-273.176 χ^2/NDF : 6.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

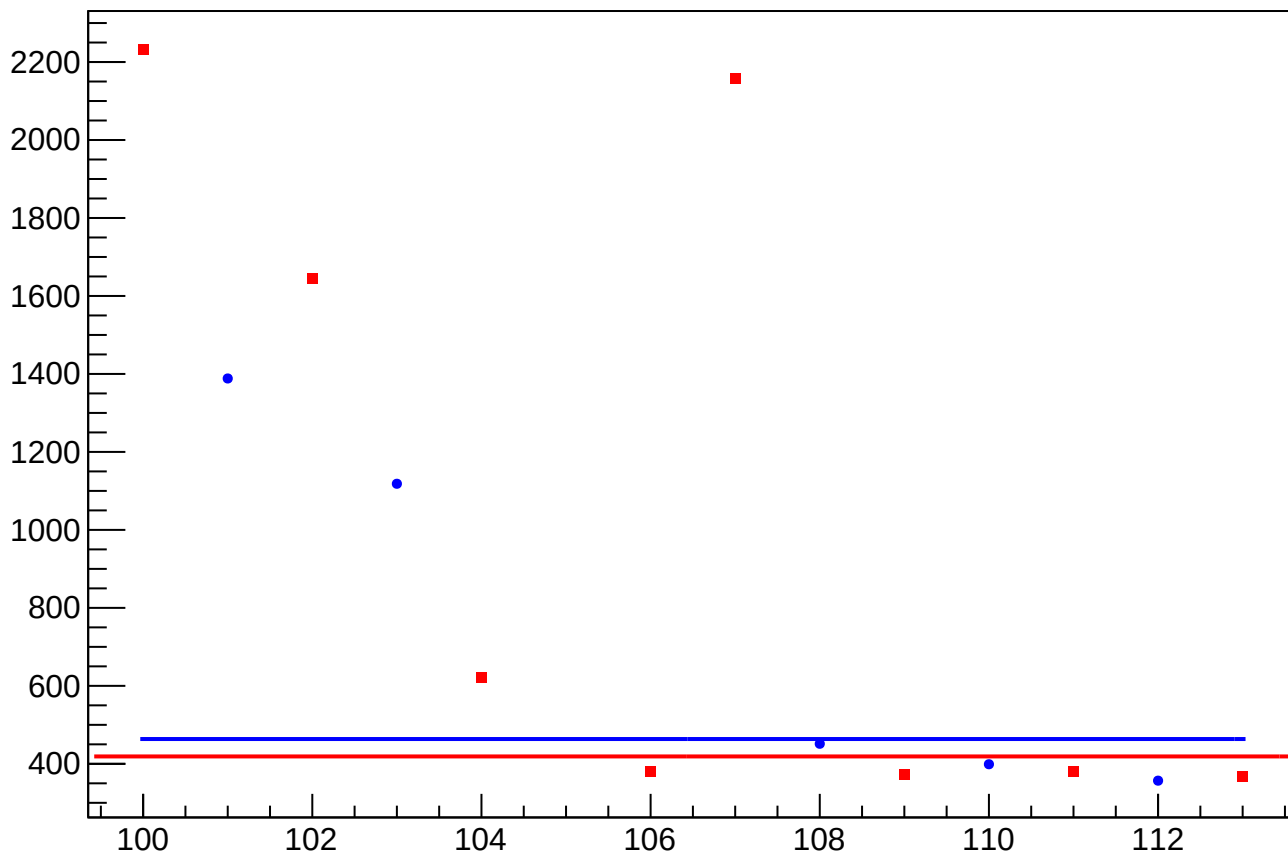
Right: 426.309+/-211.451 χ^2/NDF : 10.5/12

In: 284.887+/-333.976 χ^2/NDF : 3.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 426.309+/-211.451 χ^2/NDF : 10.5/12

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: 418.965+/-0.193 χ^2/NDF : 1139192.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

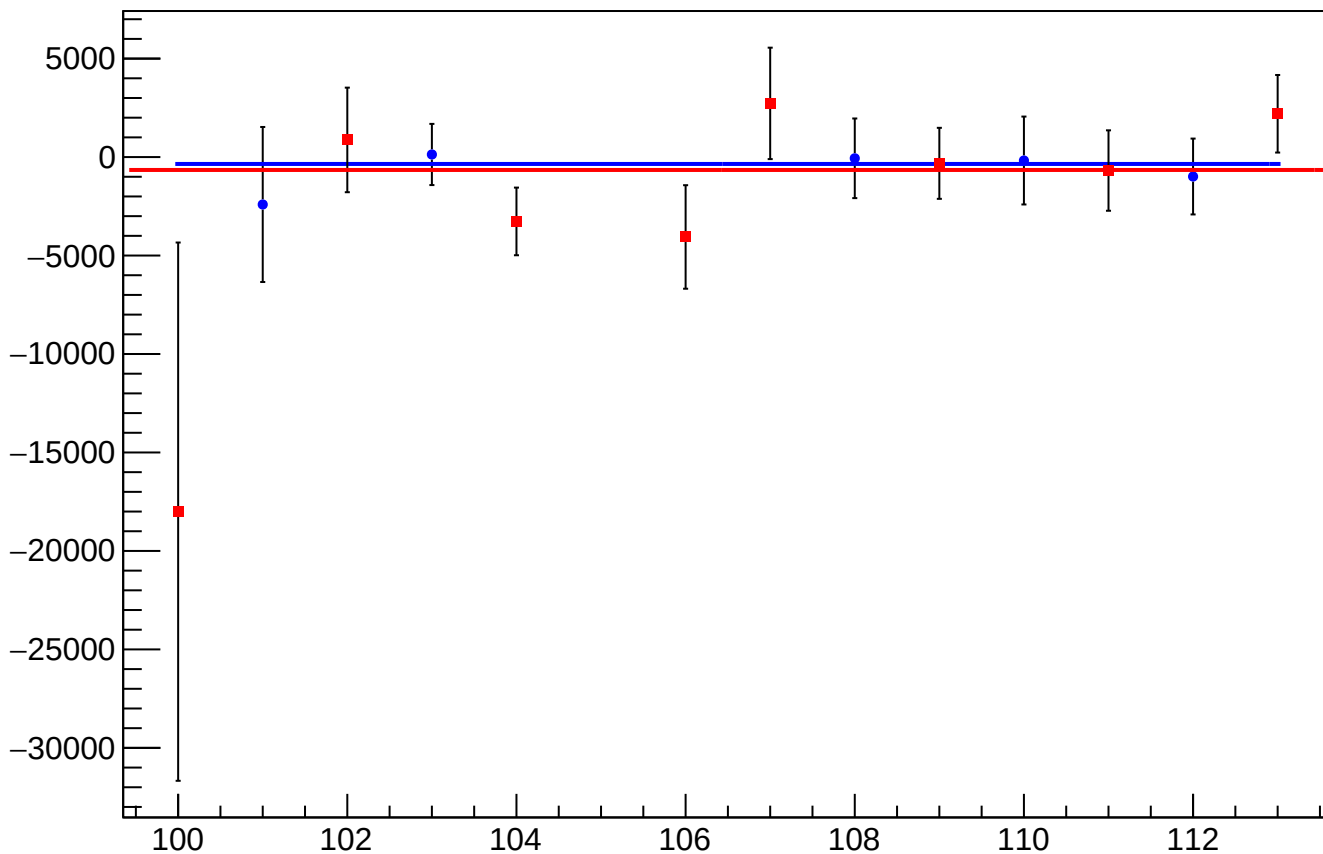
Right: 436.866+/-0.150 χ^2/NDF : 2217681.8/12

In: 463.622+/-0.236 χ^2/NDF : 1057065.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 436.866+/-0.150 χ^2/NDF : 2217681.8/12

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: -654.622+/-800.366 χ^2/NDF : 9.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

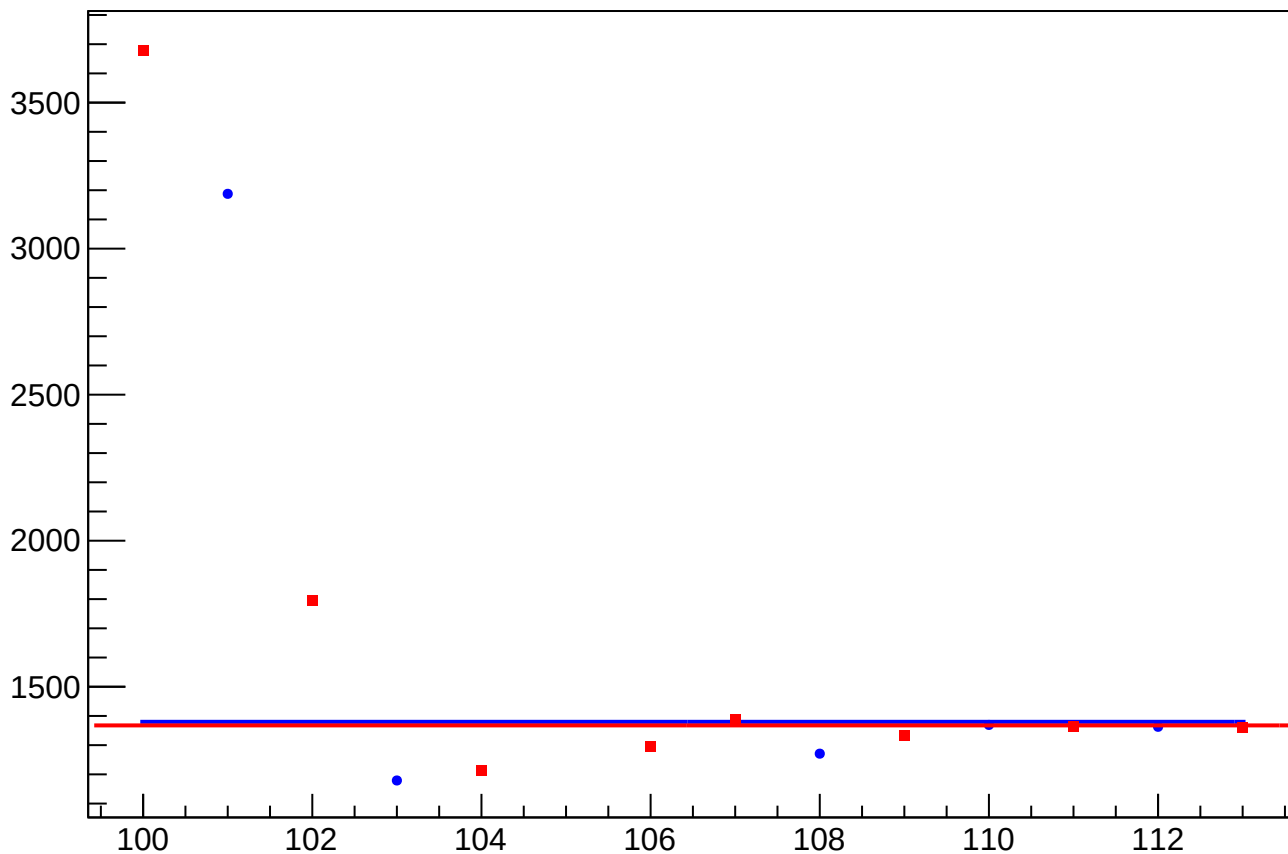
Right: -522.402+/-602.454 χ^2/NDF : 10.1/12

In: -349.551+/-915.113 χ^2/NDF : 0.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -522.402+/-602.454 χ^2/NDF : 10.1/12

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: 1367.613+/-0.566 χ^2/NDF : 127287.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

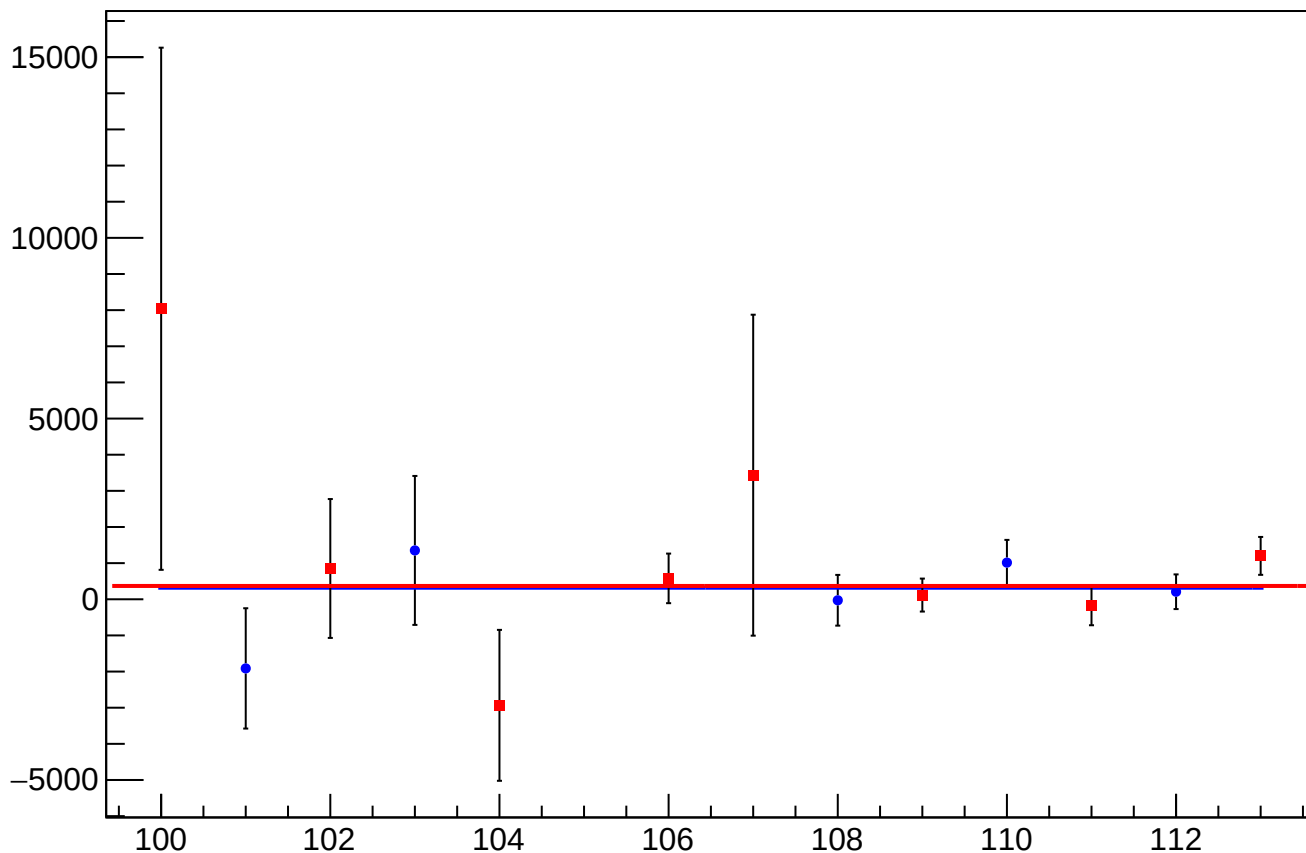
Right: 1372.941+/-0.426 χ^2/NDF : 588810.3/12

In: 1379.906+/-0.647 χ^2/NDF : 461318.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1372.941+/-0.426 χ^2/NDF : 588810.3/12

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: 368.627+/-261.399 χ^2/NDF : 8.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

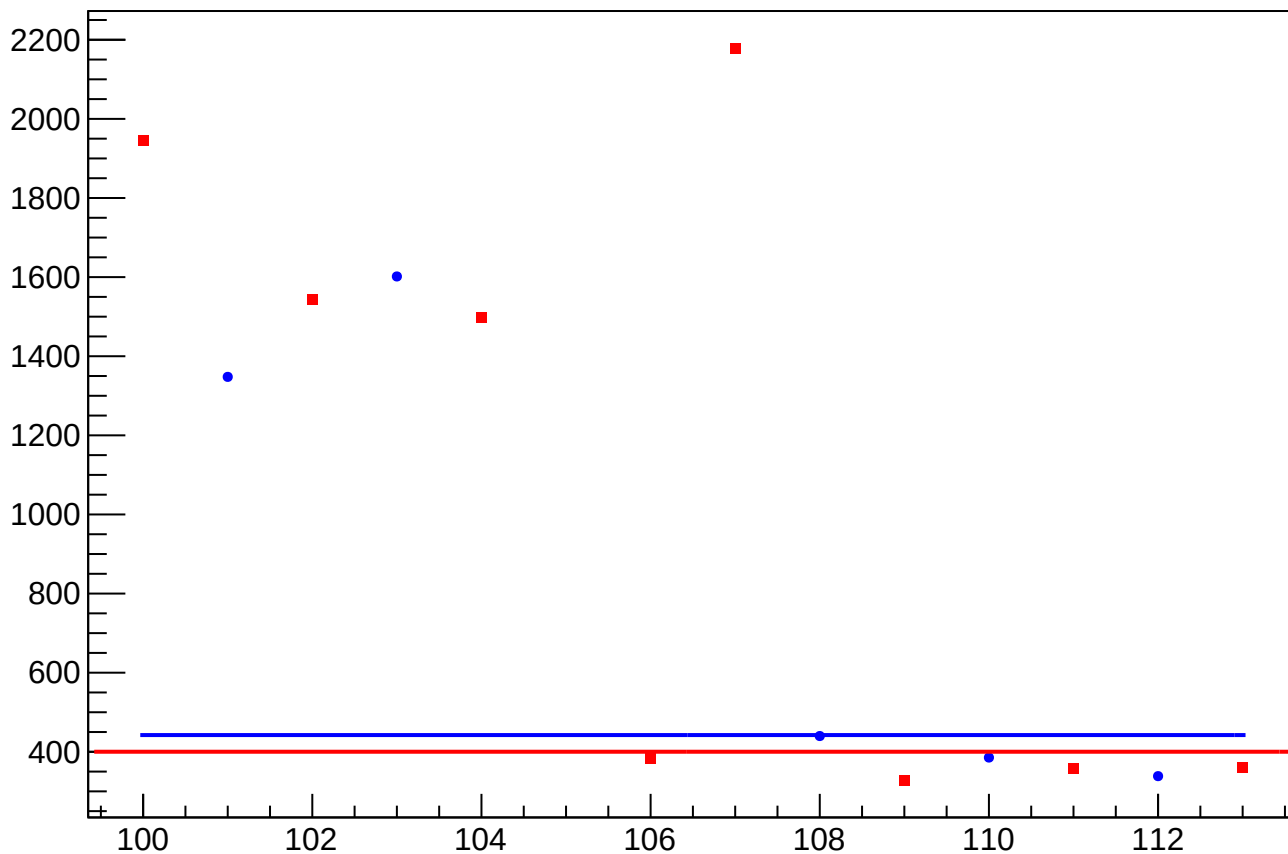
Right: 349.592+/-203.553 χ^2/NDF : 11.7/12

In: 320.268+/-324.444 χ^2/NDF : 3.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 349.592+/-203.553 χ^2/NDF : 11.7/12

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: 400.180+/-0.185 χ^2/NDF : 1750225.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

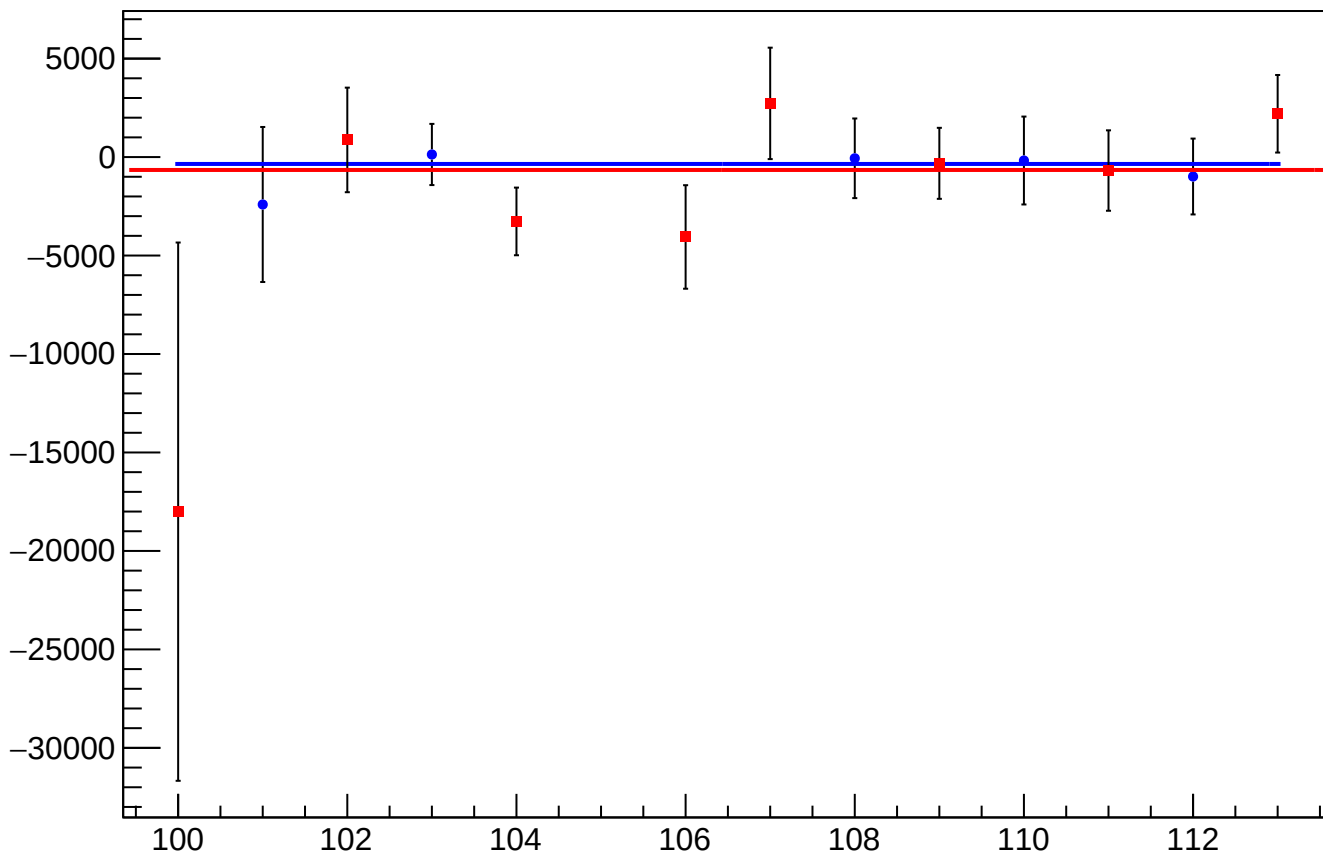
Right: 416.764+/-0.144 χ^2/NDF : 3105752.5/12

In: 442.314+/-0.229 χ^2/NDF : 1335073.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 416.764+/-0.144 χ^2/NDF : 3105752.5/12

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: -654.623+/-800.366 χ^2/NDF : 9.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

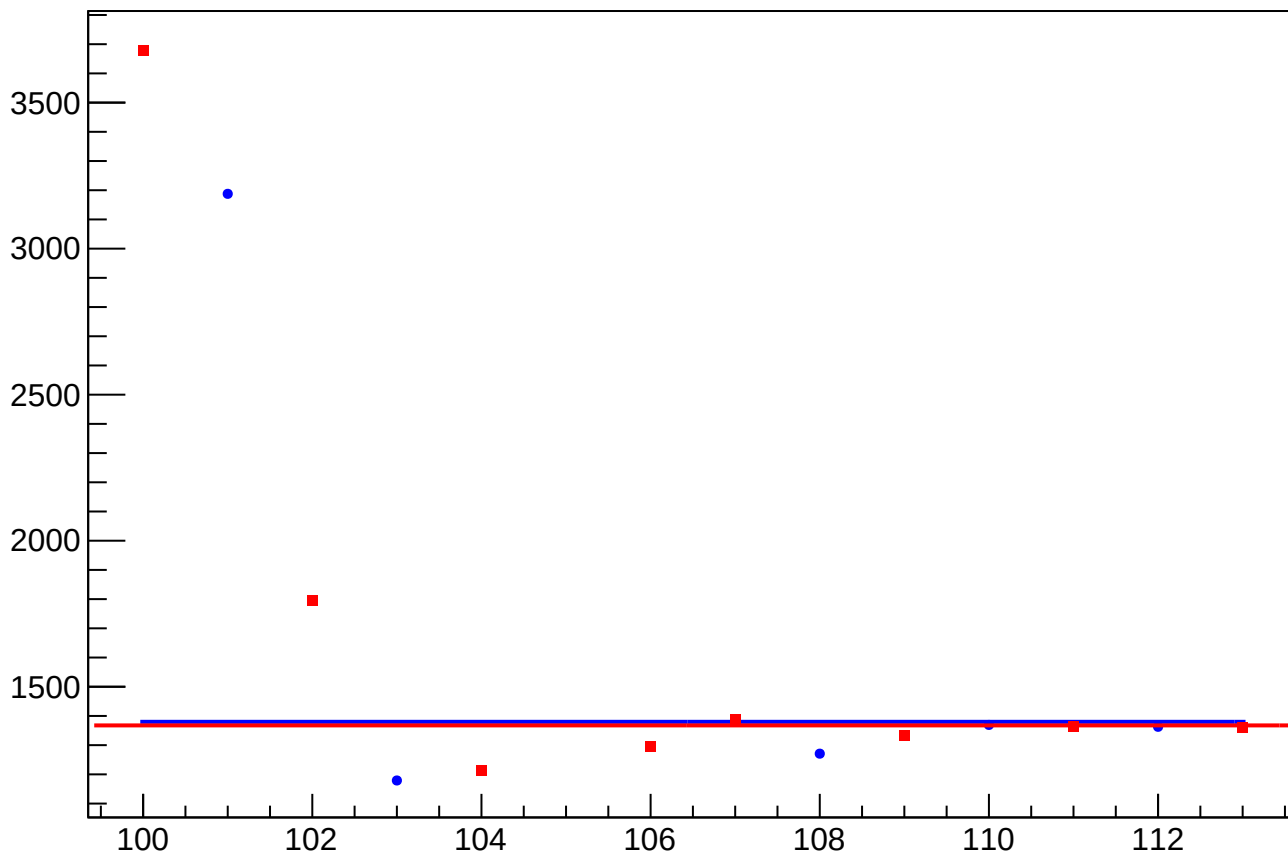
Right: -522.402+/-602.454 χ^2/NDF : 10.1/12

In: -349.549+/-915.113 χ^2/NDF : 0.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -522.402+/-602.454 χ^2/NDF : 10.1/12

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: 1367.613+/-0.566 χ^2/NDF : 127287.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

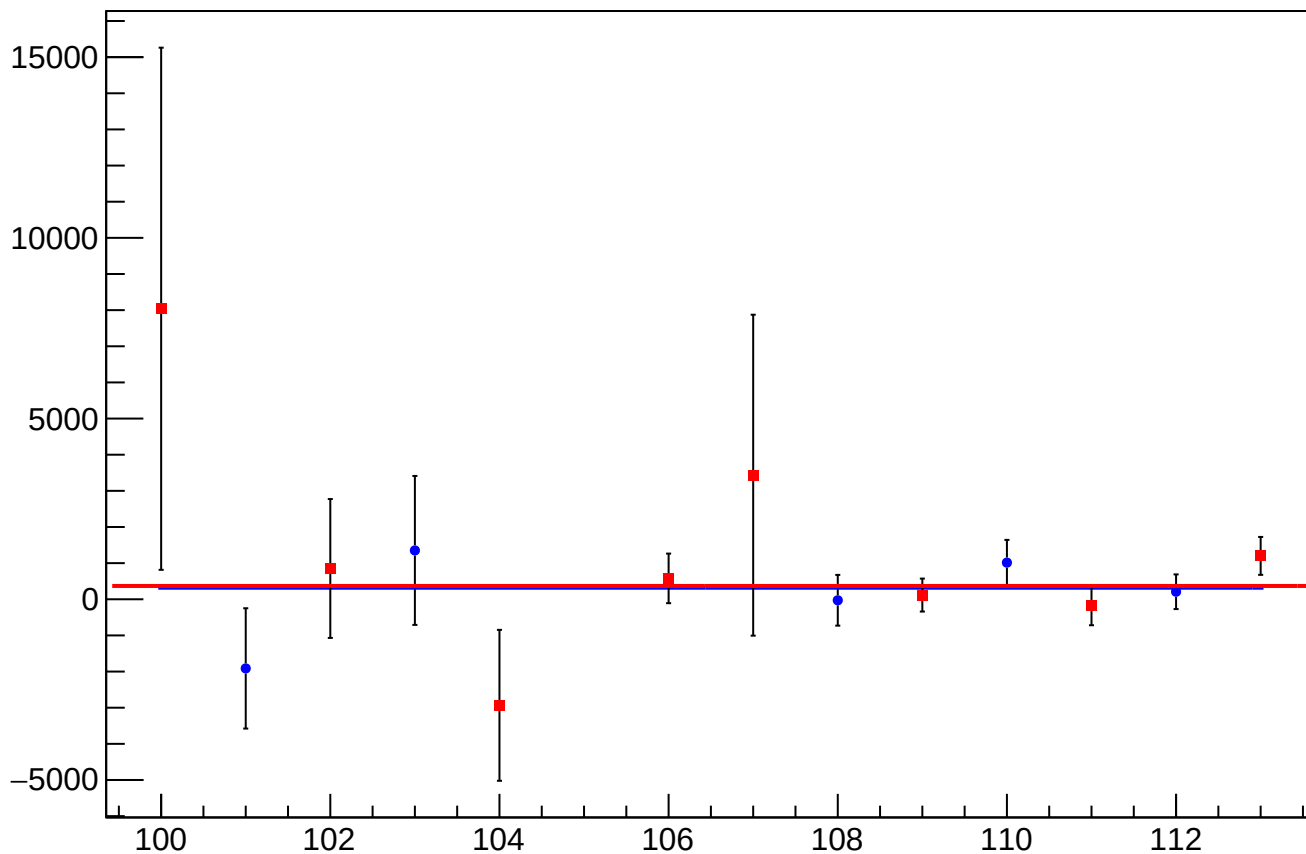
Right: 1372.941+/-0.426 χ^2/NDF : 588810.2/12

In: 1379.906+/-0.647 χ^2/NDF : 461317.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1372.941+/-0.426 χ^2/NDF : 588810.2/12

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: 368.626+/-261.398 χ^2/NDF : 8.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

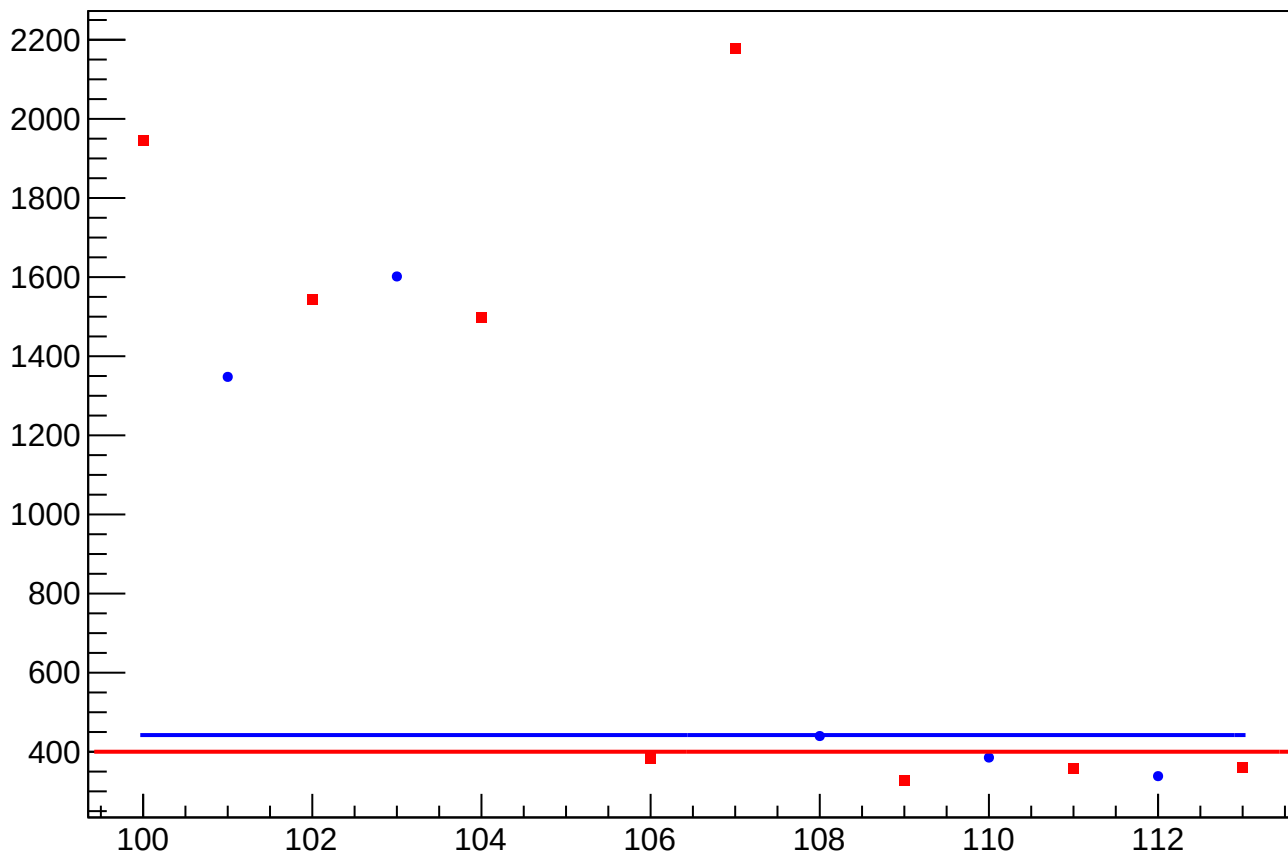
Right: 349.591+/-203.552 χ^2/NDF : 11.7/12

In: 320.267+/-324.441 χ^2/NDF : 3.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 349.591+/-203.552 χ^2/NDF : 11.7/12

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: 400.178+/-0.185 χ^2/NDF : 1750229.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

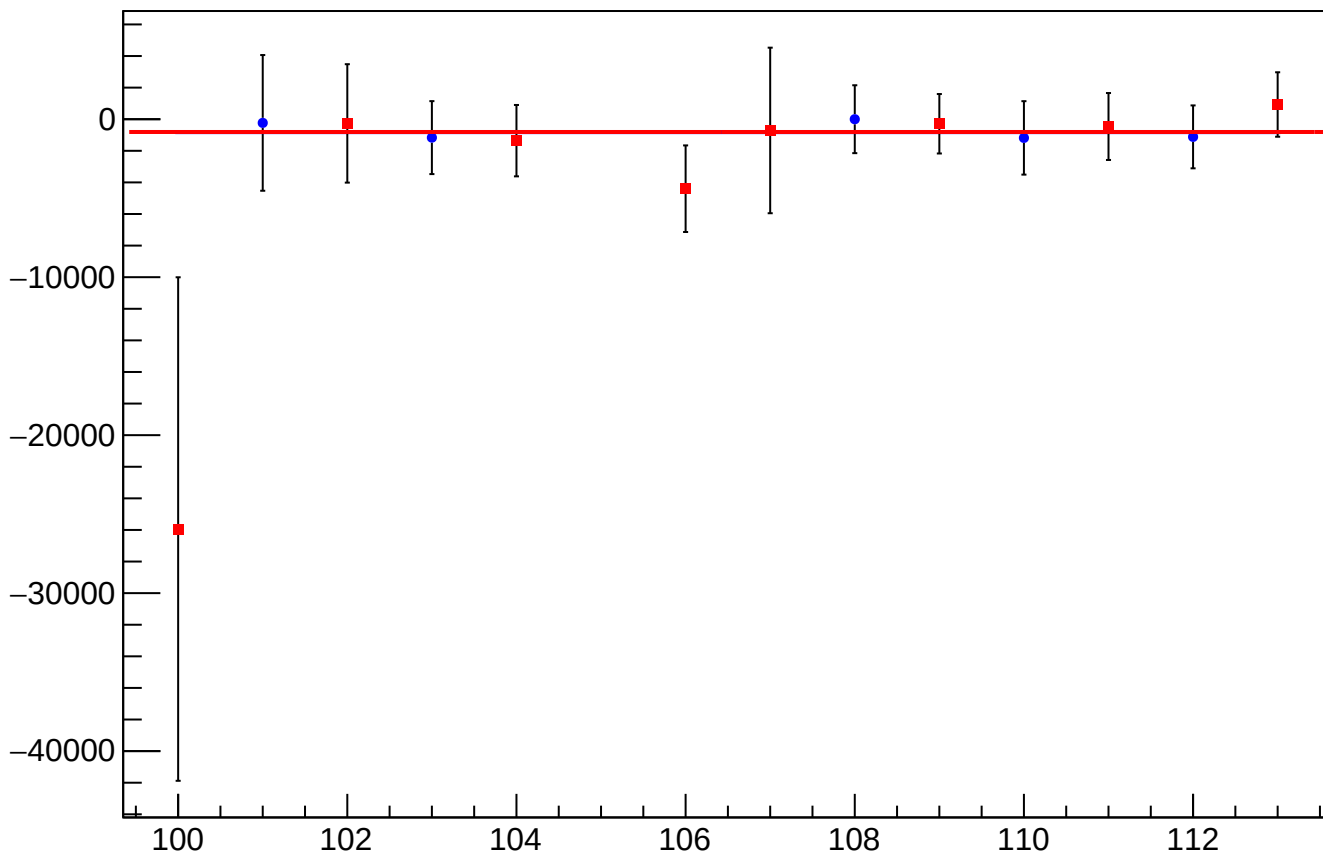
Right: 416.762+/-0.144 χ^2/NDF : 3105758.7/12

In: 442.311+/-0.229 χ^2/NDF : 1335076.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 416.762+/-0.144 χ^2/NDF : 3105758.7/12

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: -808.483+/-918.280 χ^2/NDF : 5.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

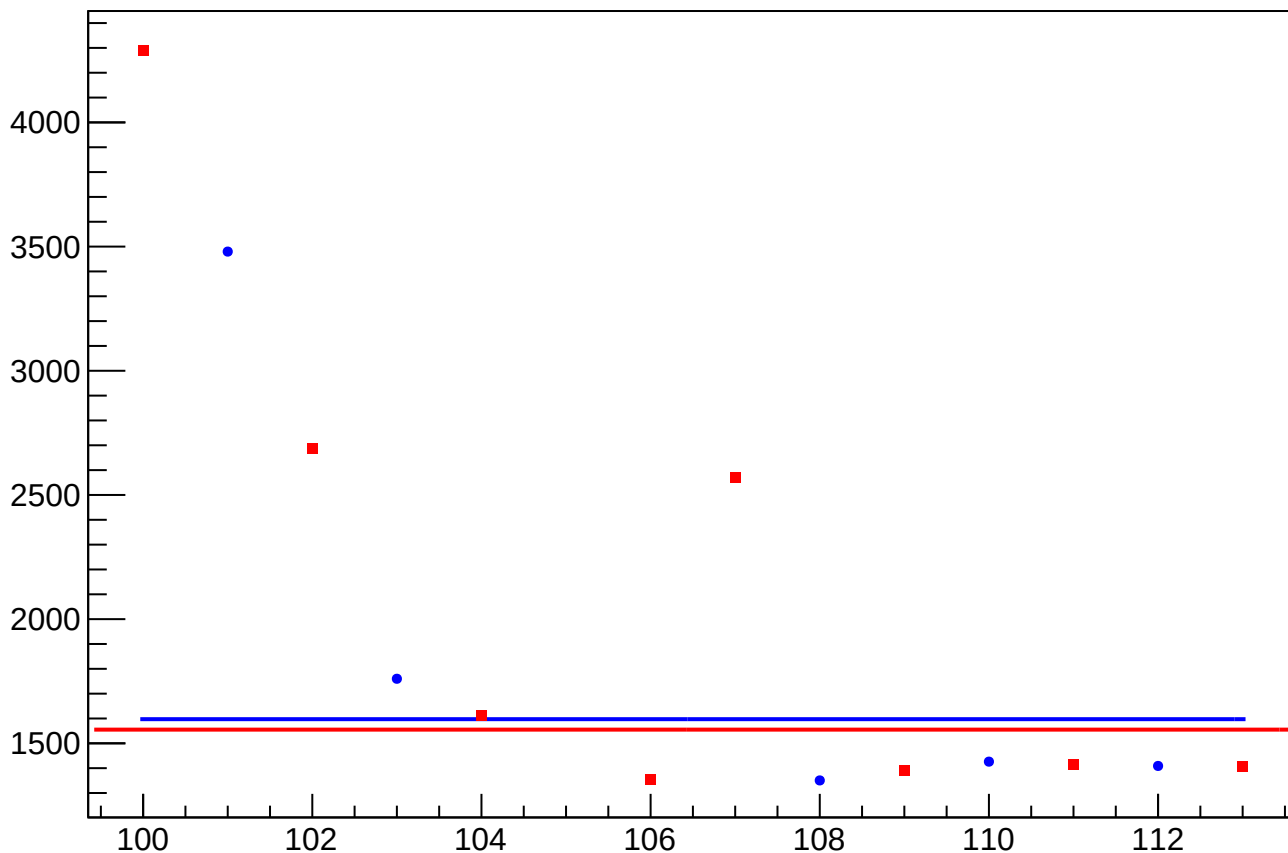
Right: -812.160+/-693.113 χ^2/NDF : 5.3/12

In: -817.027+/-1056.639 χ^2/NDF : 0.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -812.160+/-693.113 χ^2/NDF : 5.3/12

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: 1555.172+/-0.649 χ^2/NDF : 362313.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

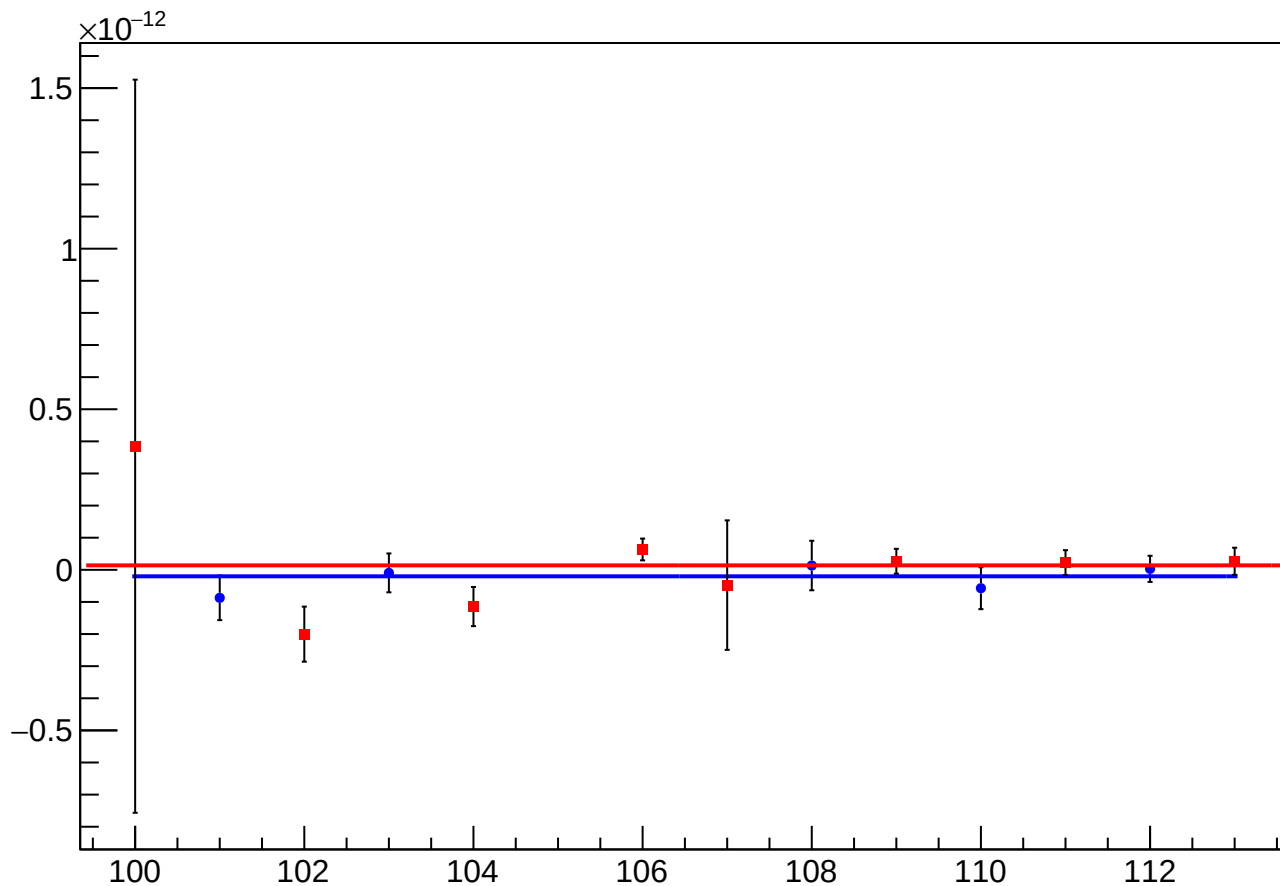
Right: 1573.279+/-0.490 χ^2/NDF : 813279.6/12

In: 1597.255+/-0.747 χ^2/NDF : 449158.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1573.279+/-0.490 χ^2/NDF : 813279.6/12

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2/NDF : 1.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 13.2/7

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

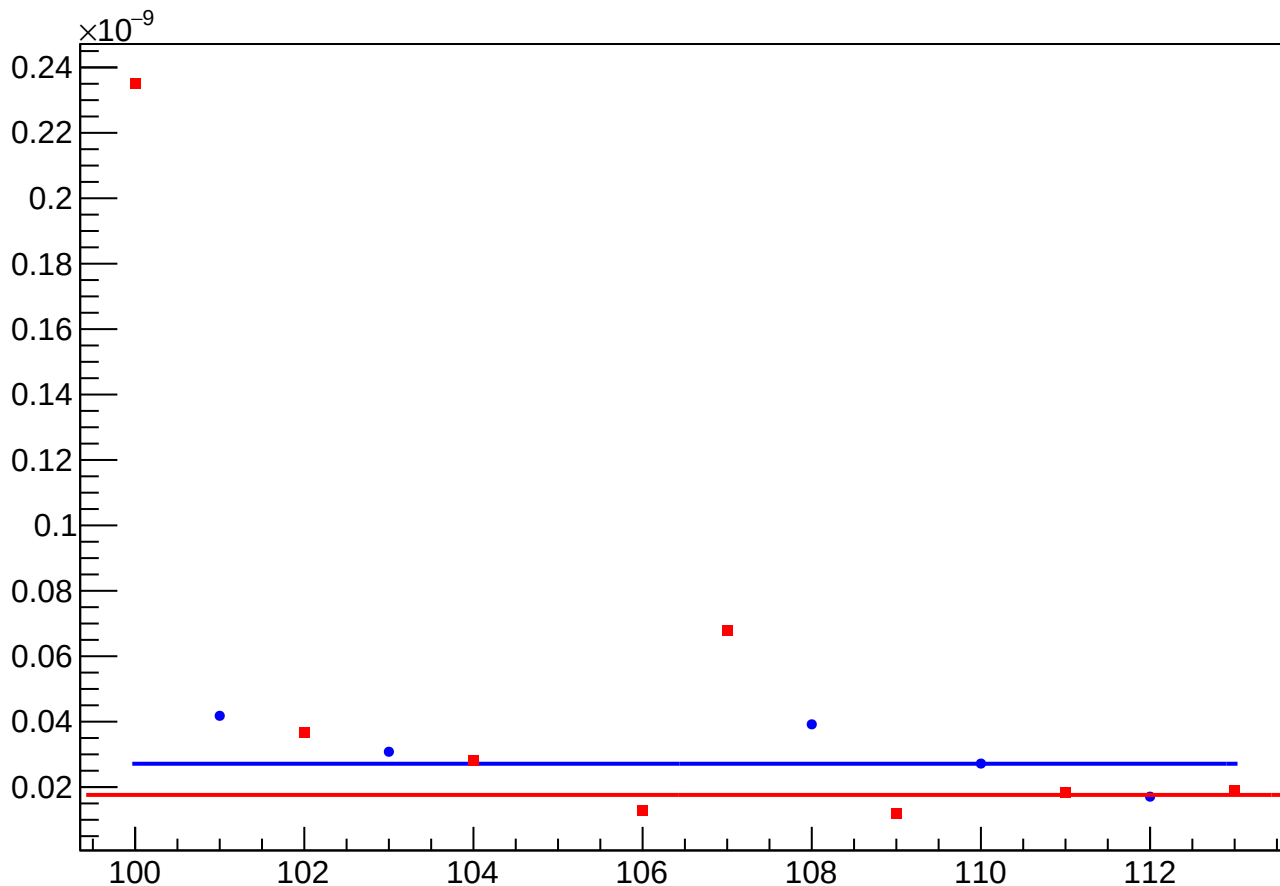
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 16.2/12

In: -0.000 $\pm$ 0.000 χ^2/NDF : 1.8/4

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 16.2/12

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 : 443623.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

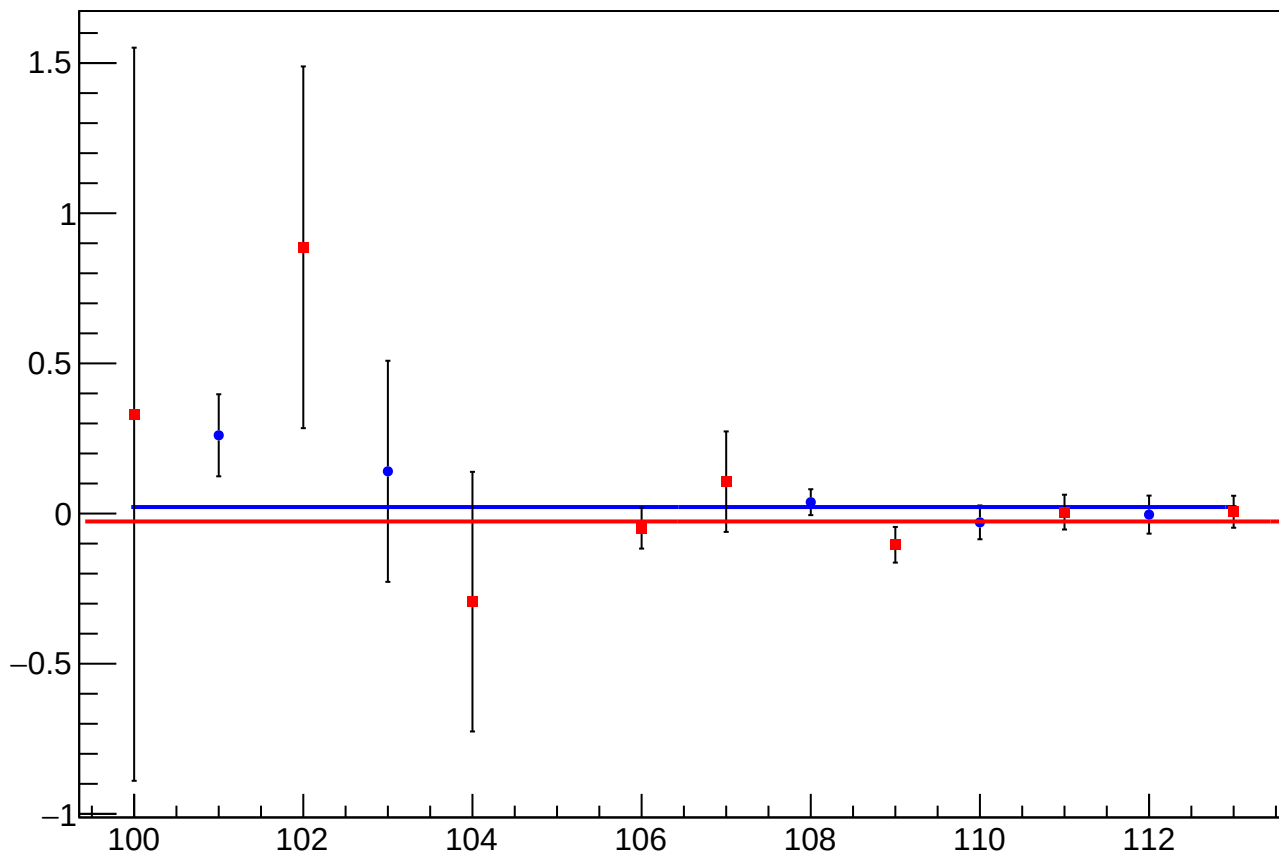
Right: 0.000+/-0.000 χ^2/NDF : 895489.4/12

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 : 895489.4/12

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: -0.026 $\pm$ 0.029 χ^2 /NDF: 5.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

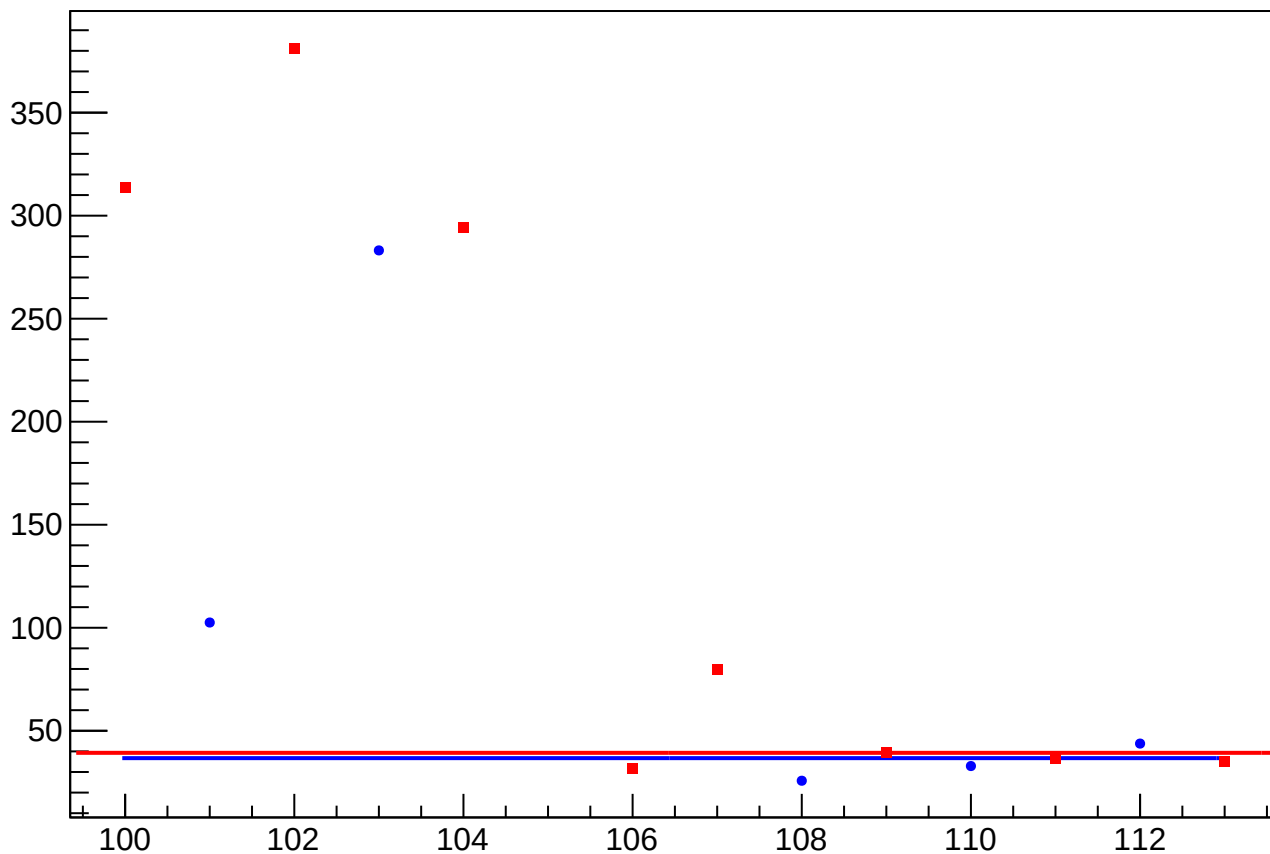
Right: -0.003 $\pm$ 0.021 χ^2 /NDF: 11.5/12

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: -0.003 $\pm$ 0.021 χ^2 /NDF: 11.5/12

asym_atl1r2_dd_atl2r1_dd_avg_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: 39.301+/-0.020 χ^2/NDF : 1599394.5/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

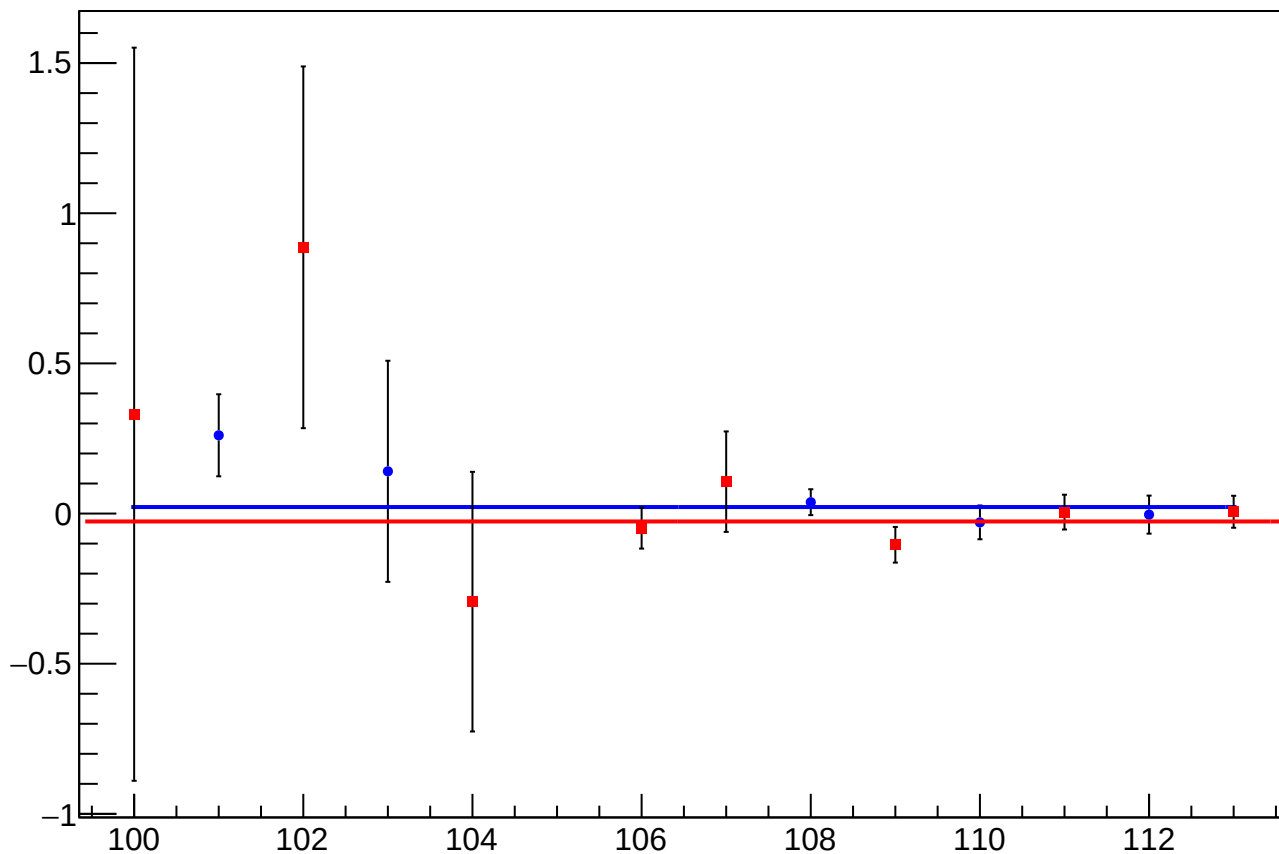
Right: 38.027+/-0.015 χ^2/NDF : 3131431.4/12

In: 36.720+/-0.021 χ^2/NDF :1524187.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 38.027+/-0.015 χ^2/NDF : 3131431.4/12

asym_atl1r2_dd_atl2r1_dd_avg_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: -0.026 $\pm$ 0.029 χ^2 /NDF: 5.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

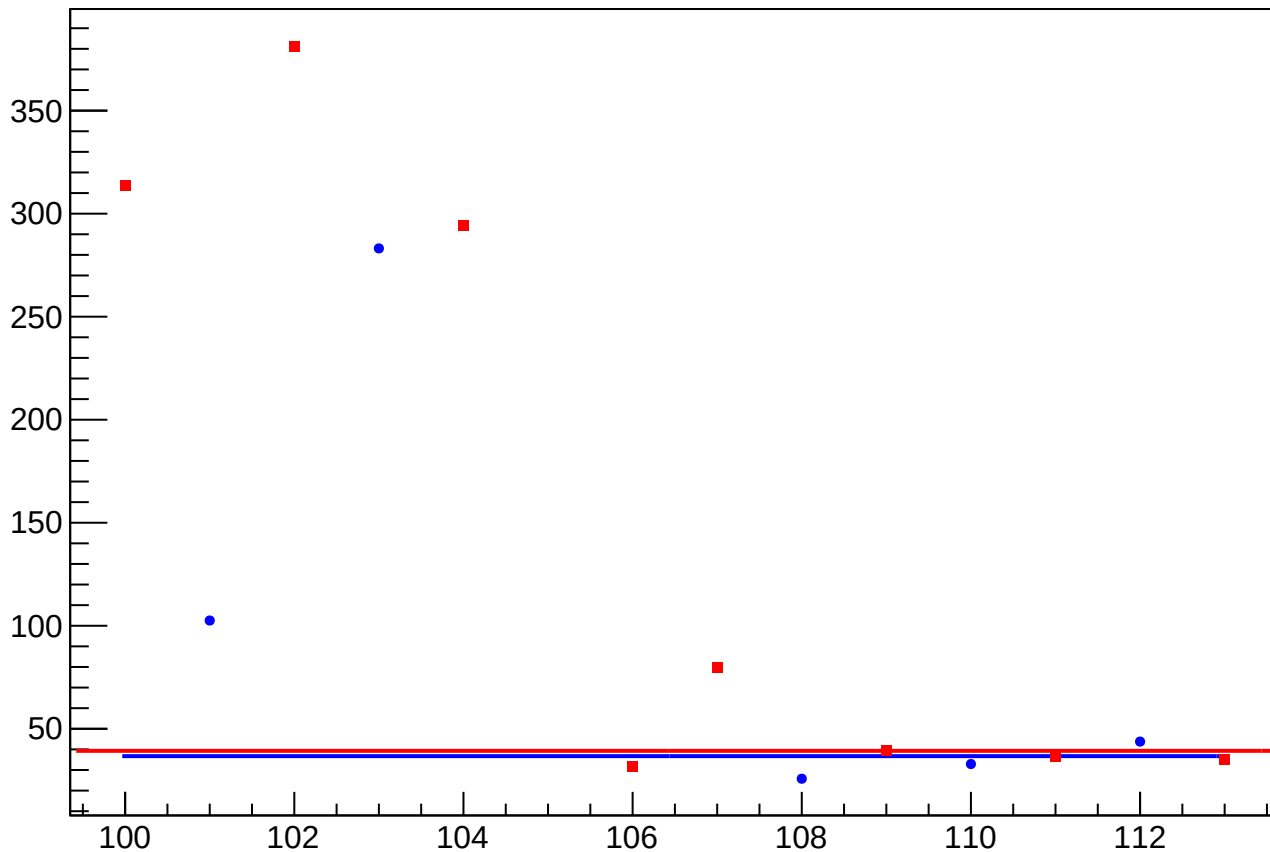
Right: -0.003 $\pm$ 0.021 χ^2 /NDF: 11.5/12

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: -0.003 $\pm$ 0.021 χ^2 /NDF: 11.5/12

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: 39.301+/-0.020 χ^2/NDF : 1599394.5/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

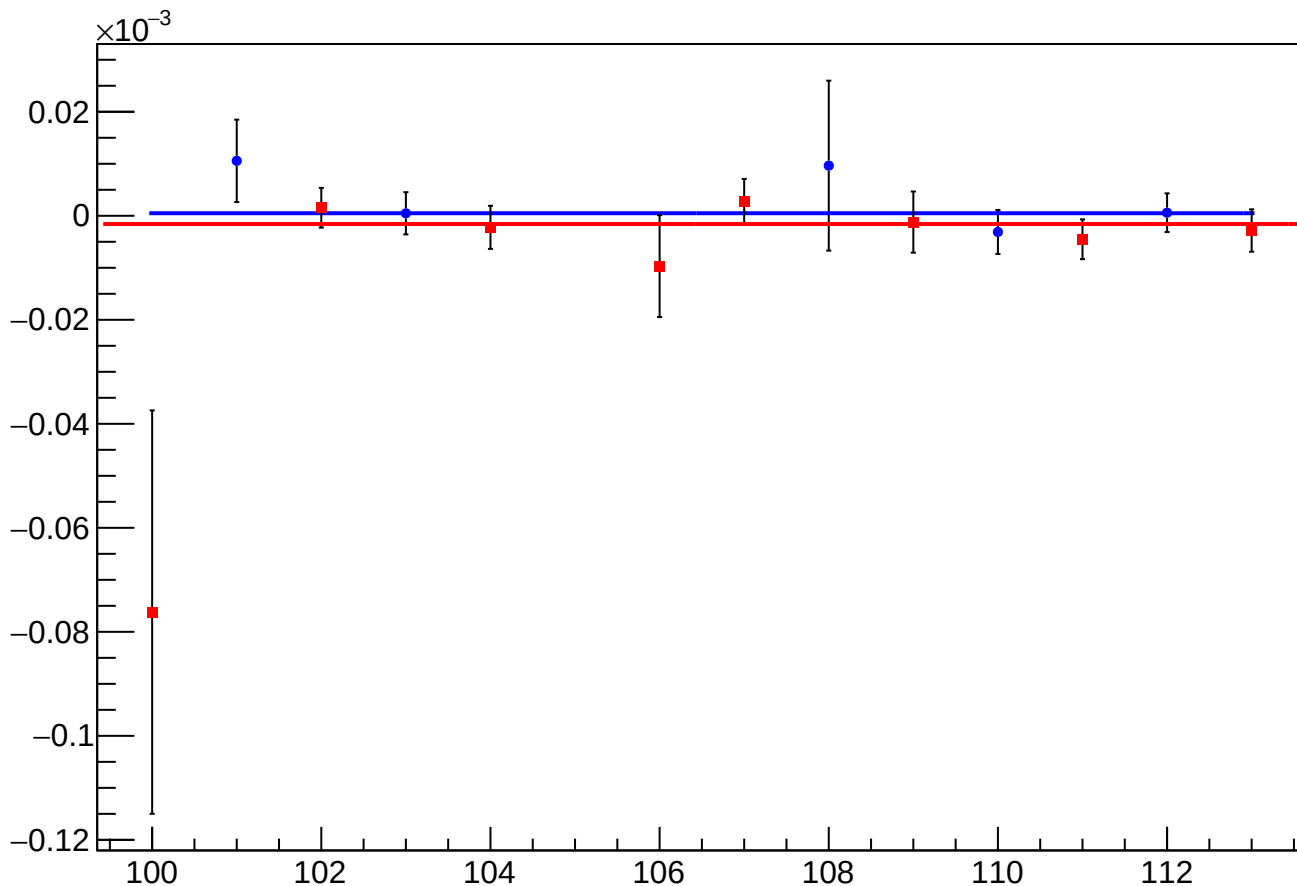
Right: 38.027+/-0.015 χ^2/NDF : 3131431.4/12

In: 36.720+/-0.021 χ^2/NDF :1524187.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 38.027+/-0.015 χ^2/NDF : 3131431.4/12

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

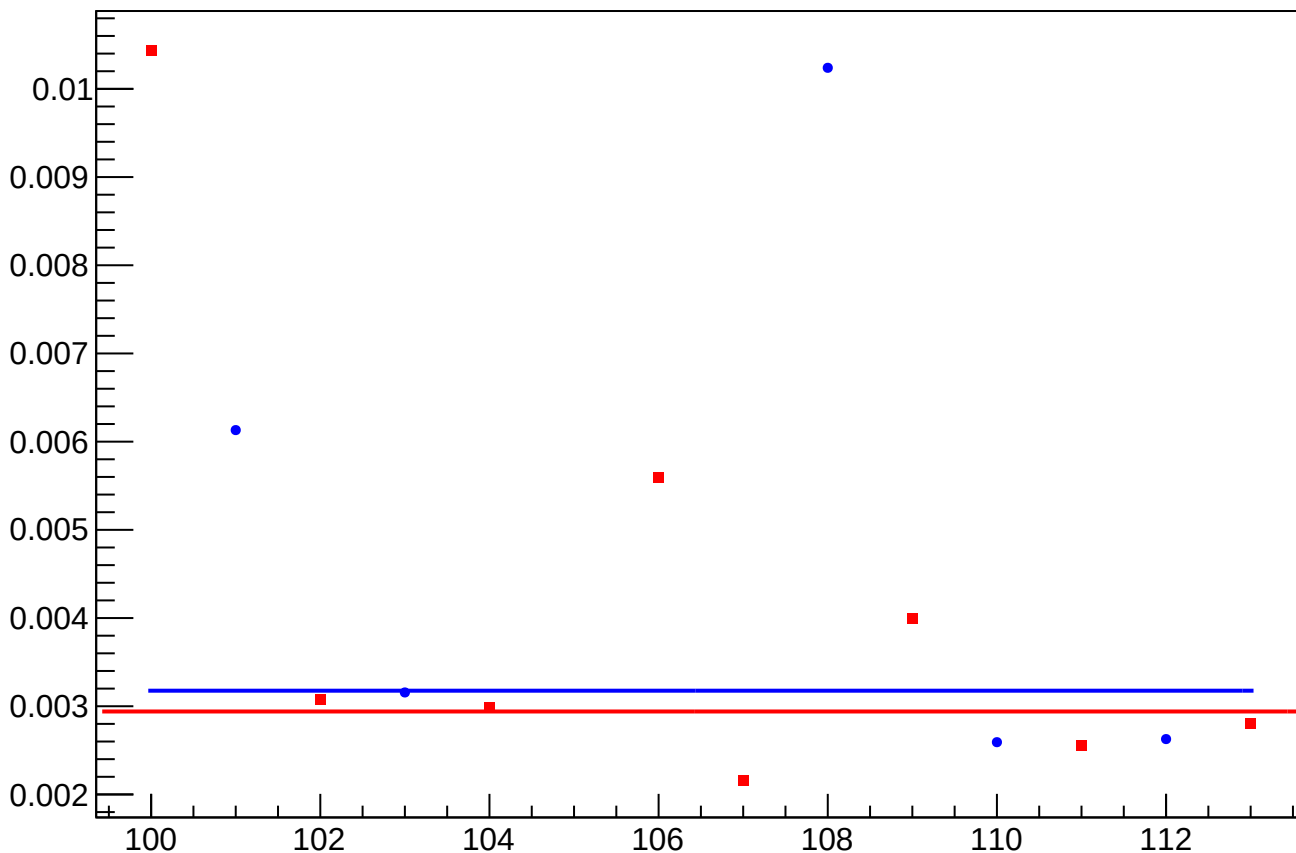
Right: -0.000+/-0.000 χ^2/NDF : 9.9/12

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 : 9.9/12

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 : 373938.5/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

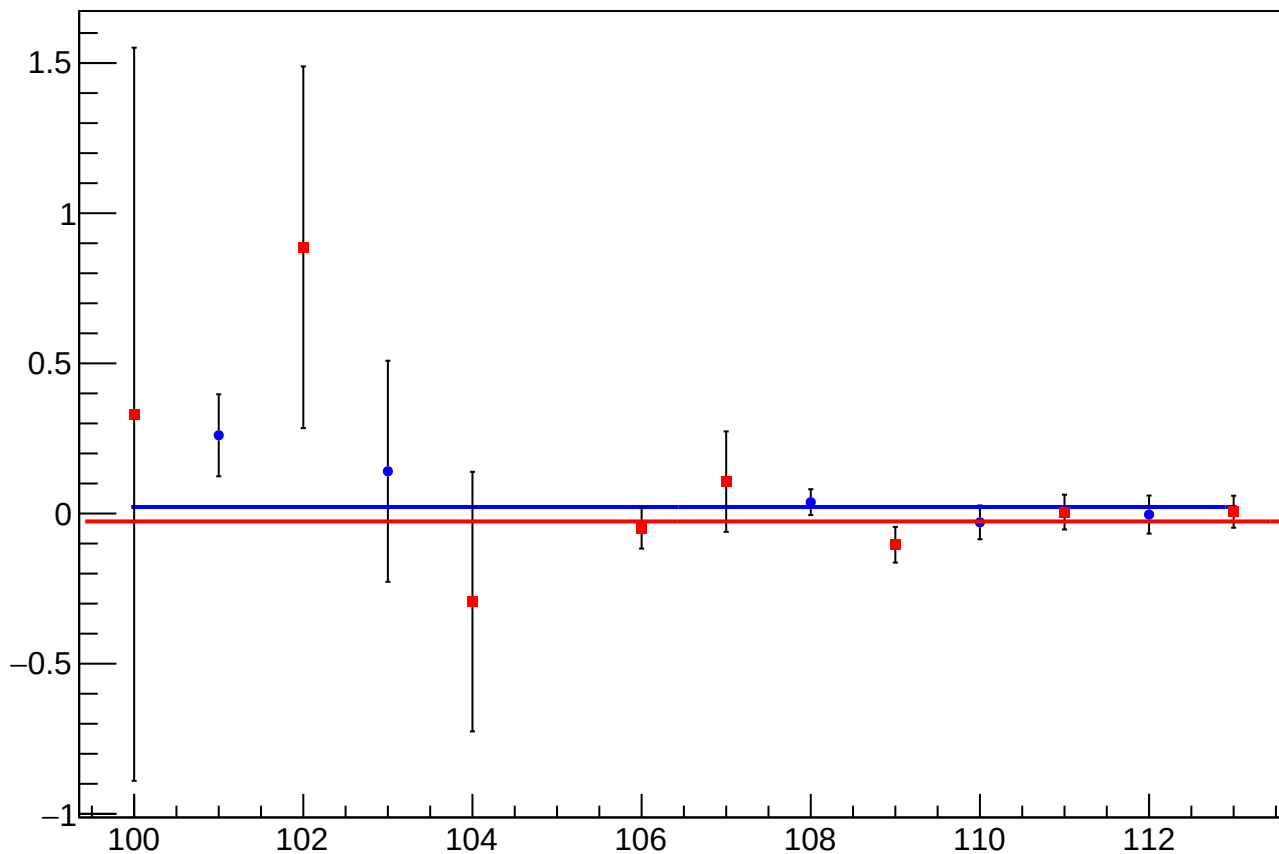
Right: 0.003+/-0.000 χ^2/NDF : 1122027.5/12

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 : 1122027.5/12

asym_atl1r2_dd_atl2r1_dd_avg_eigen_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: -0.026 $\pm$ 0.029 χ^2 /NDF: 5.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

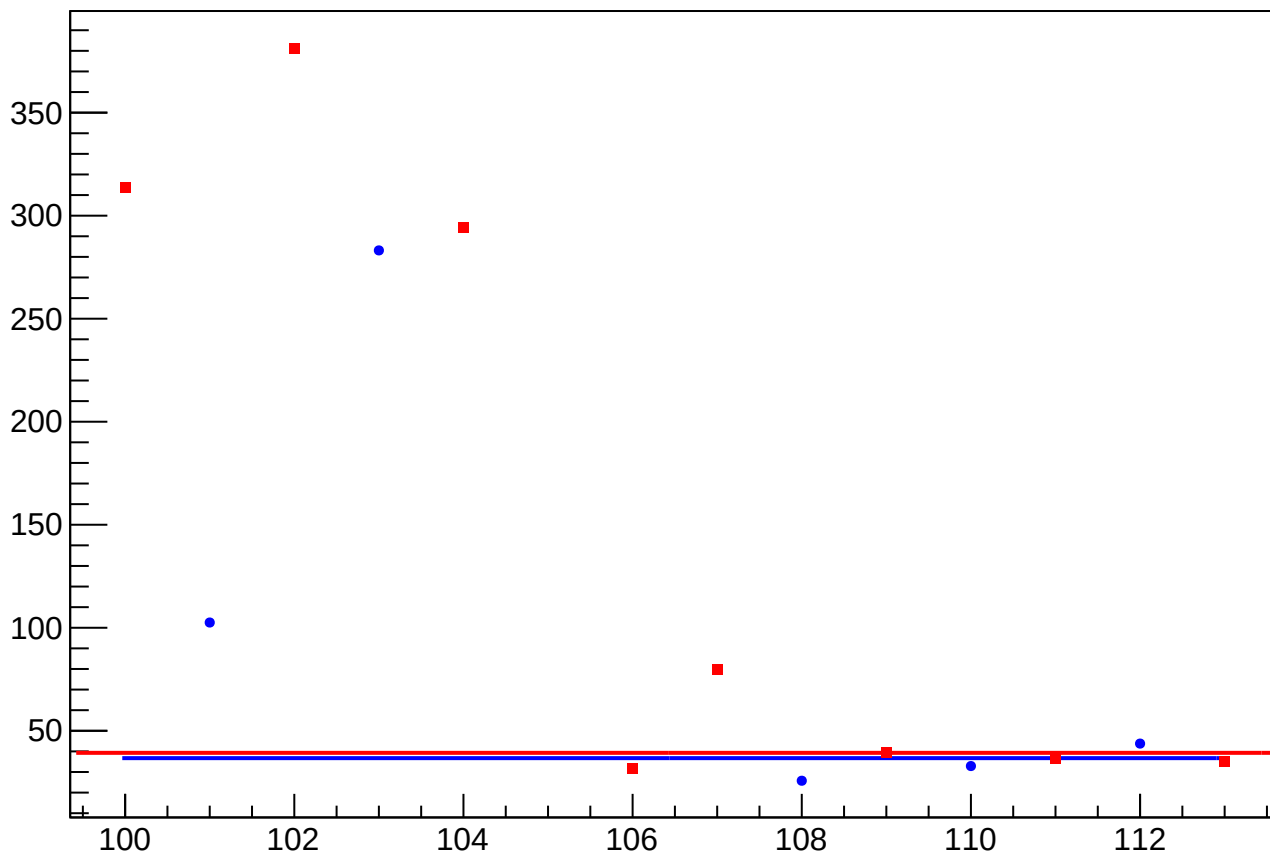
Right: -0.003 $\pm$ 0.021 χ^2 /NDF: 11.5/12

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: -0.003 $\pm$ 0.021 χ^2 /NDF: 11.5/12

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: 39.301+/-0.020 χ^2/NDF : 1599383.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

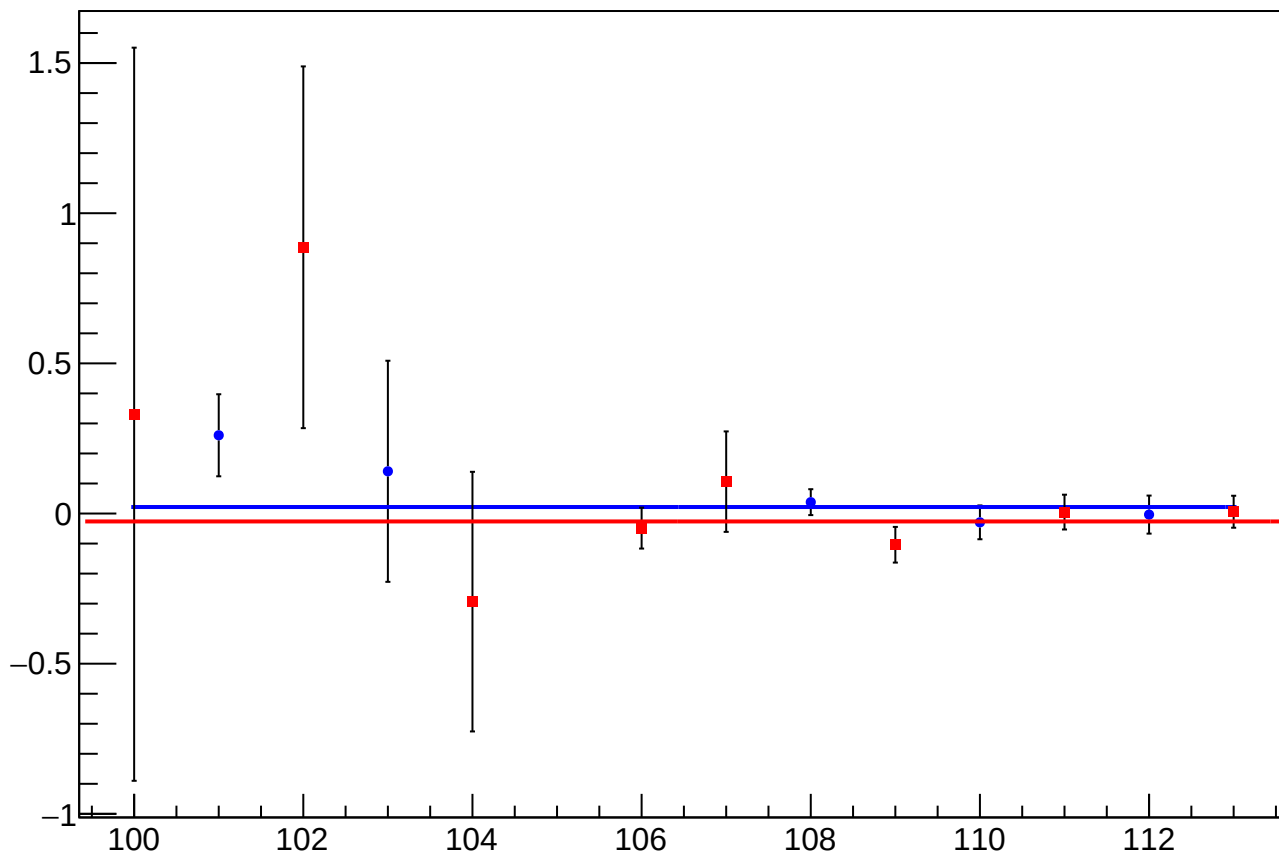
Right: 38.028+/-0.015 χ^2/NDF : 3131319.6/12

In: 36.723+/-0.021 χ^2/NDF : 1524099.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.028+/-0.015 χ^2/NDF : 3131319.6/12

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: -0.026 $\pm$ 0.029 χ^2 /NDF: 5.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

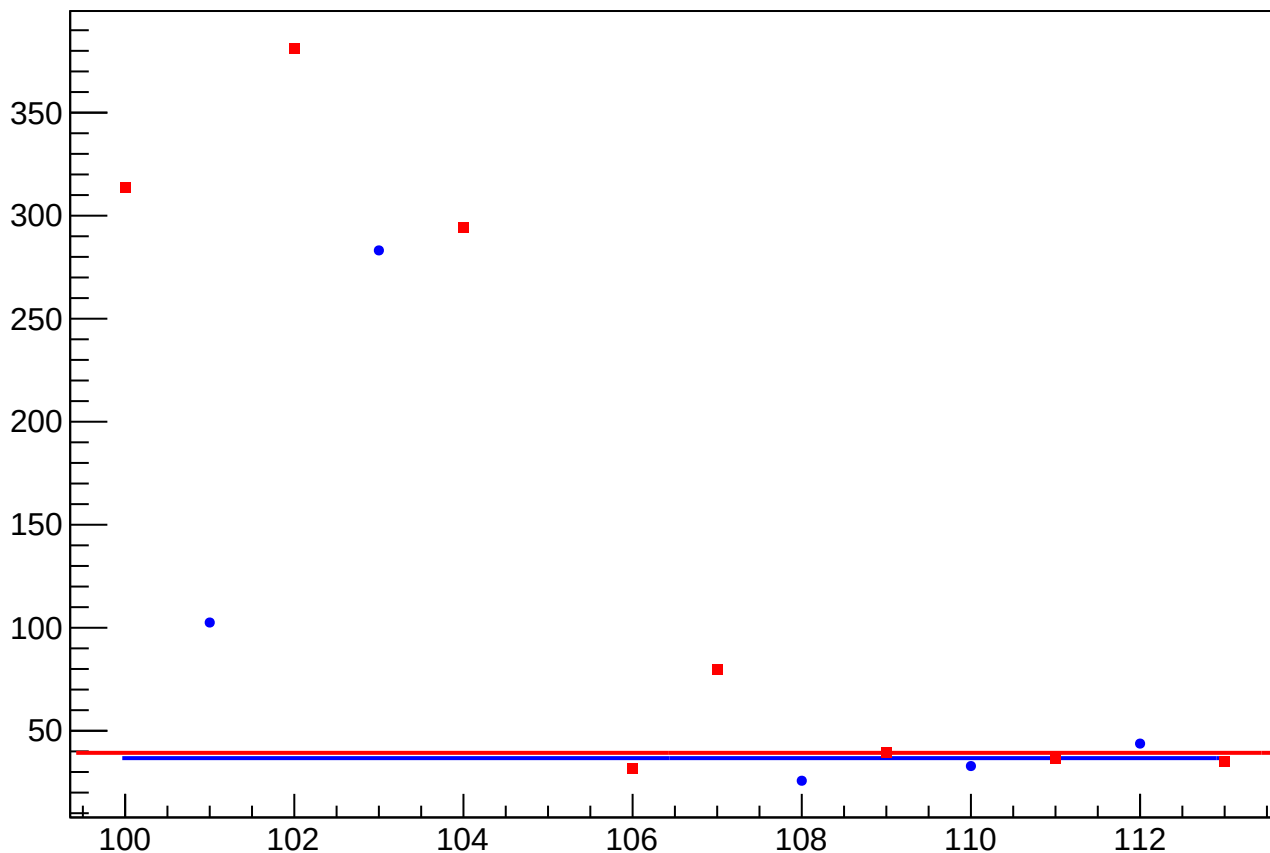
Right: -0.003 $\pm$ 0.021 χ^2 /NDF: 11.5/12

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: -0.003 $\pm$ 0.021 χ^2 /NDF: 11.5/12

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: 39.301+/-0.020 χ^2/NDF : 1599383.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

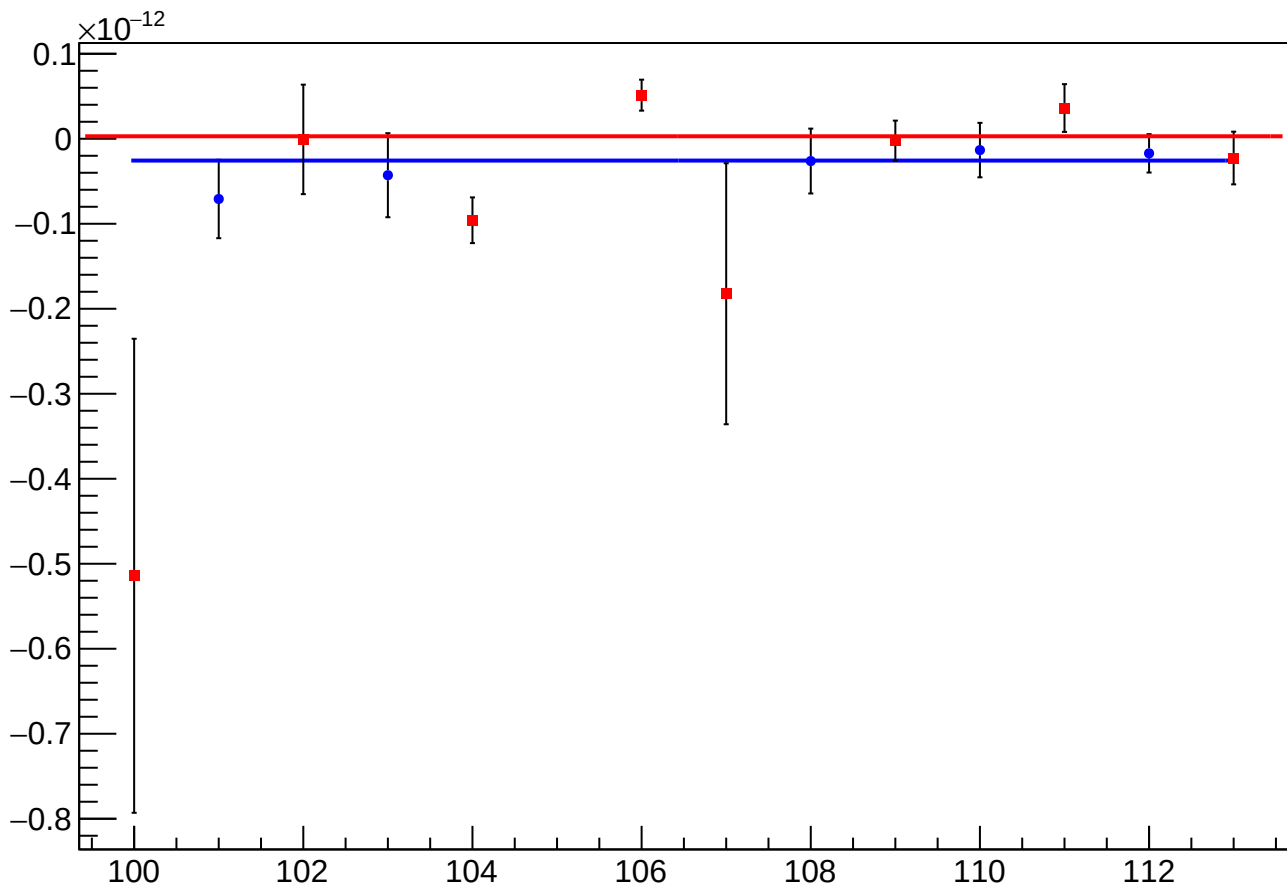
Right: 38.028+/-0.015 χ^2/NDF : 3131319.6/12

In: 36.723+/-0.021 χ^2/NDF : 1524099.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.028+/-0.015 χ^2/NDF : 3131319.6/12

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 : 27.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

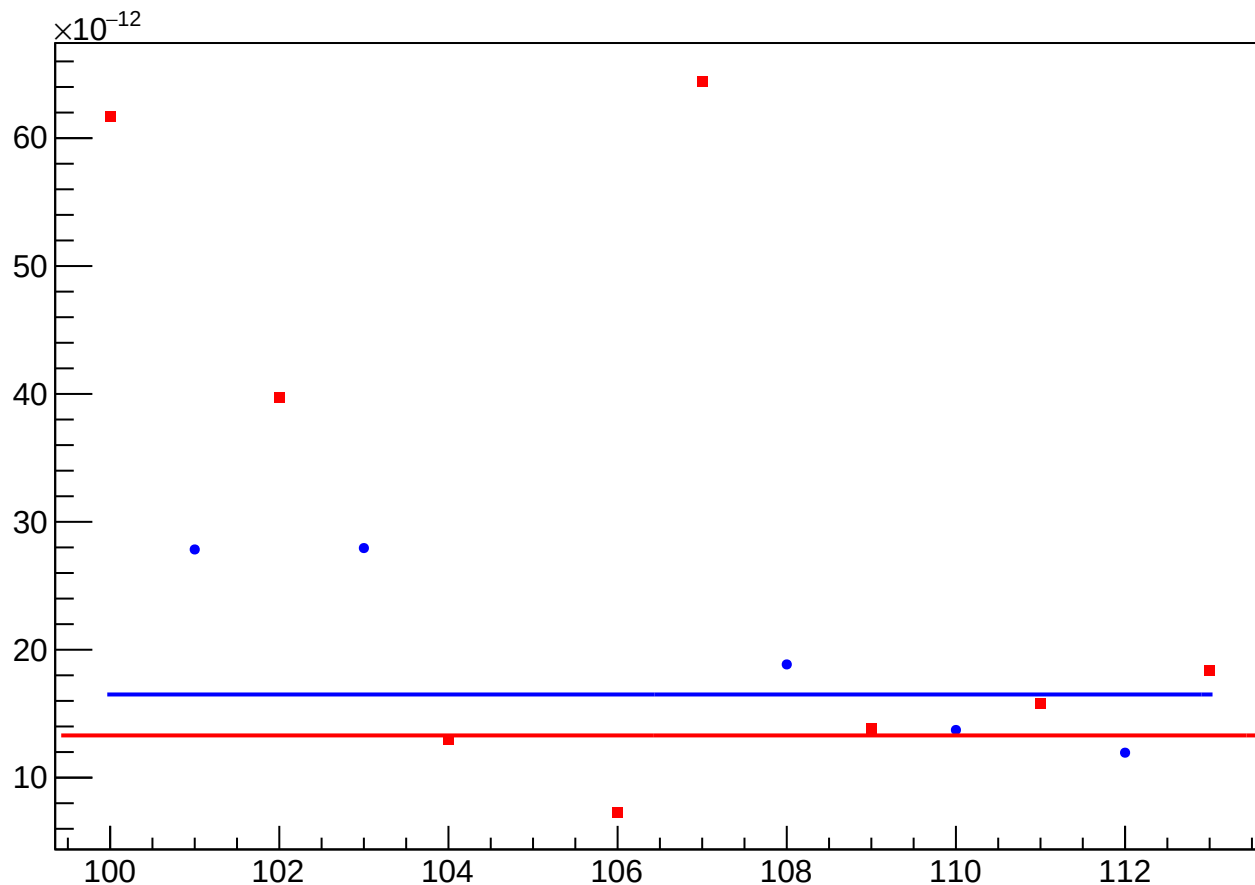
Right: -0.000+/-0.000 χ^2/NDF : 31.4/12

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 : 31.4/12

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 : 909950.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

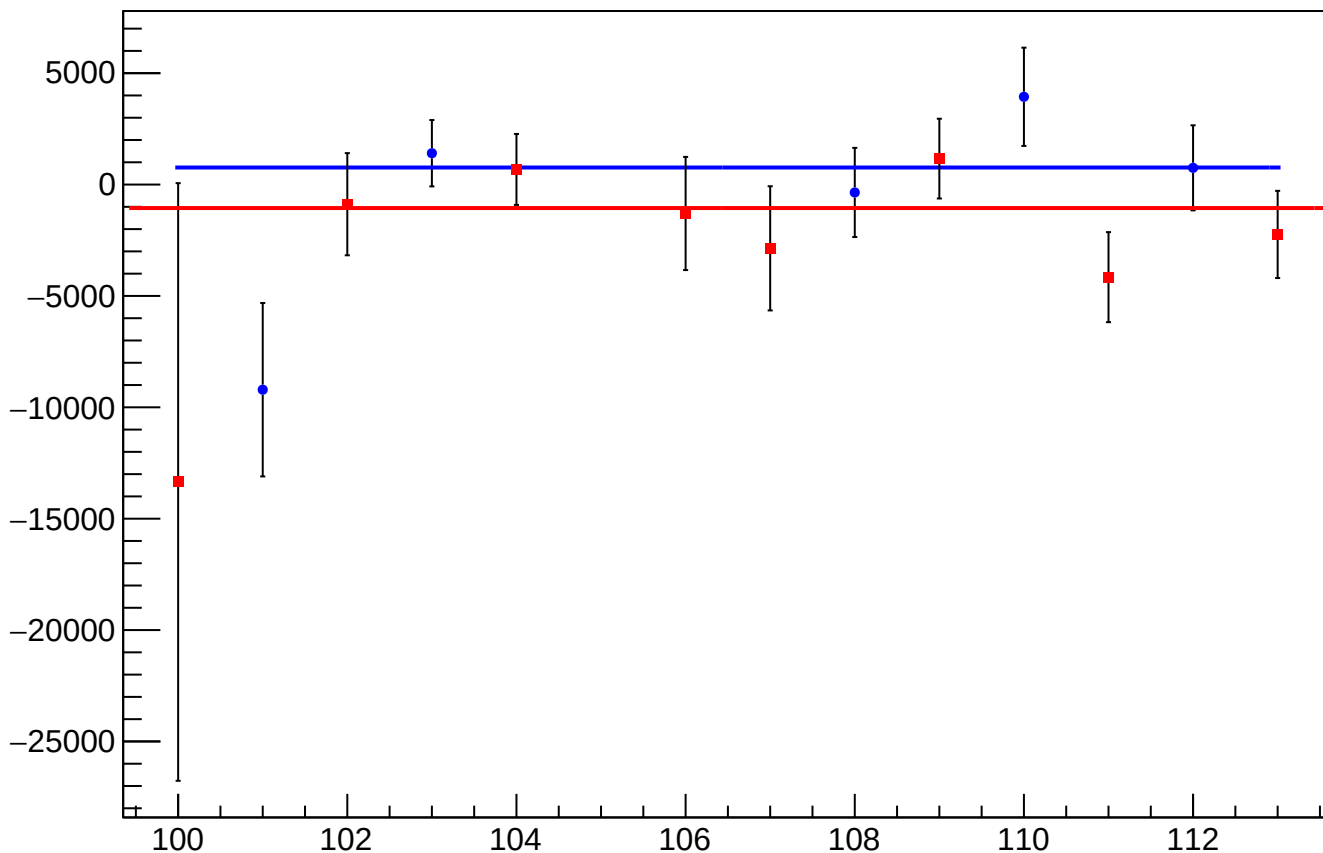
Right: 0.000+/-0.000 χ^2/NDF : 1302880.8/12

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 : 1302880.8/12

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: -1054.210+/-769.011 χ^2/NDF : 6.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

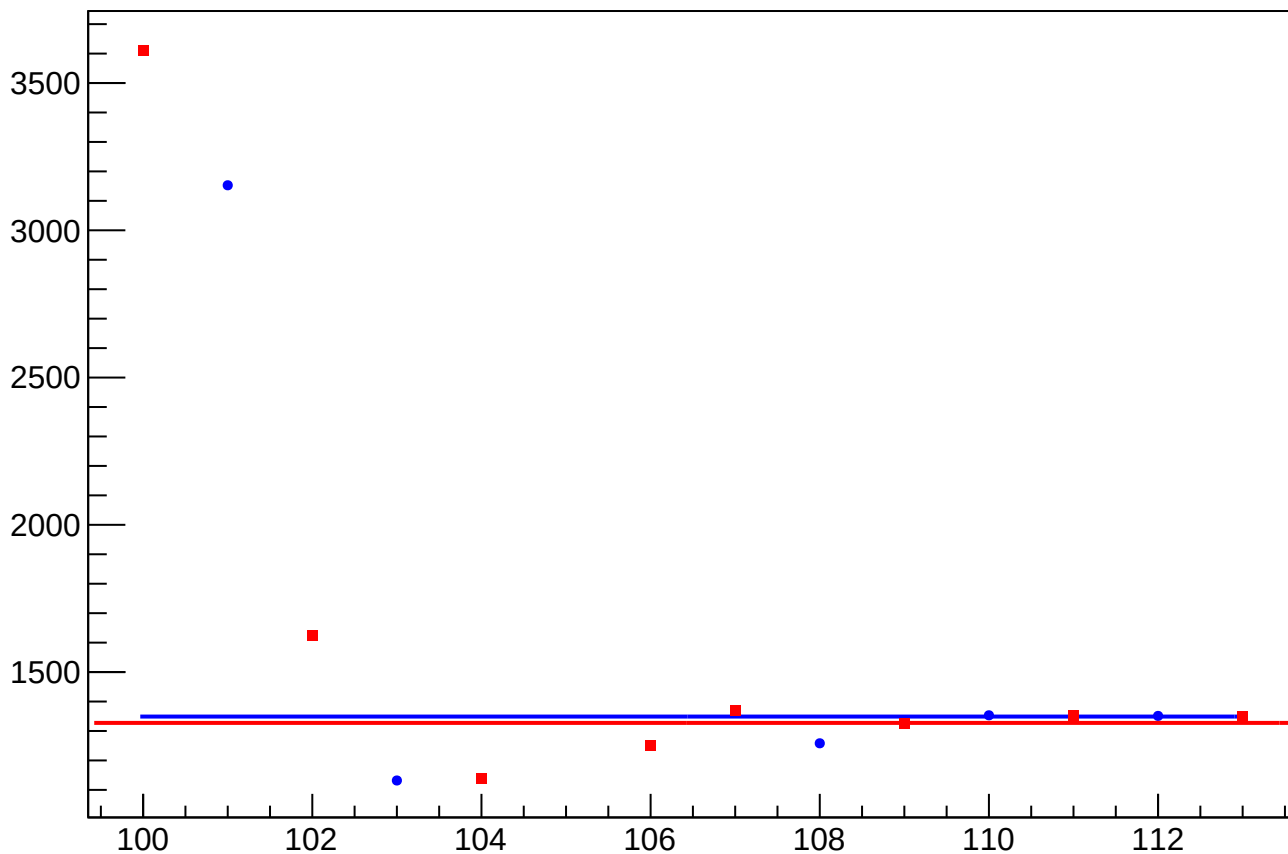
Right: -282.084+/-583.490 χ^2/NDF : 18.2/12

In: 765.583+/-895.778 χ^2/NDF : 9.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -282.084+/-583.490 χ^2/NDF : 18.2/12

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: 1327.452+/-0.544 χ^2/NDF : 121837.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

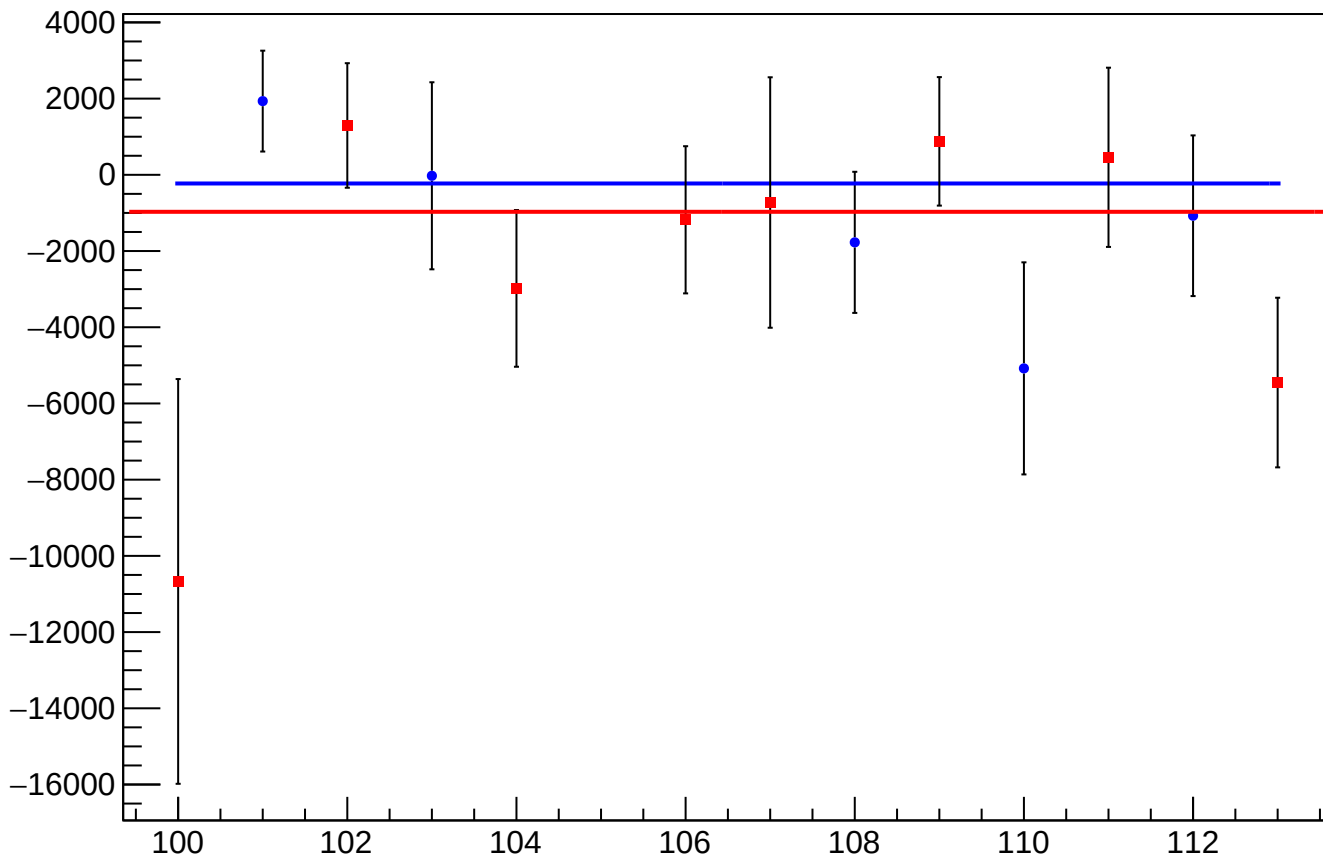
Right: 1336.585+/-0.413 χ^2/NDF : 598502.9/12

In: 1348.976+/-0.633 χ^2/NDF : 476000.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1336.585+/-0.413 χ^2/NDF : 598502.9/12

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: -970.620+/-757.814 χ^2/NDF : 11.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

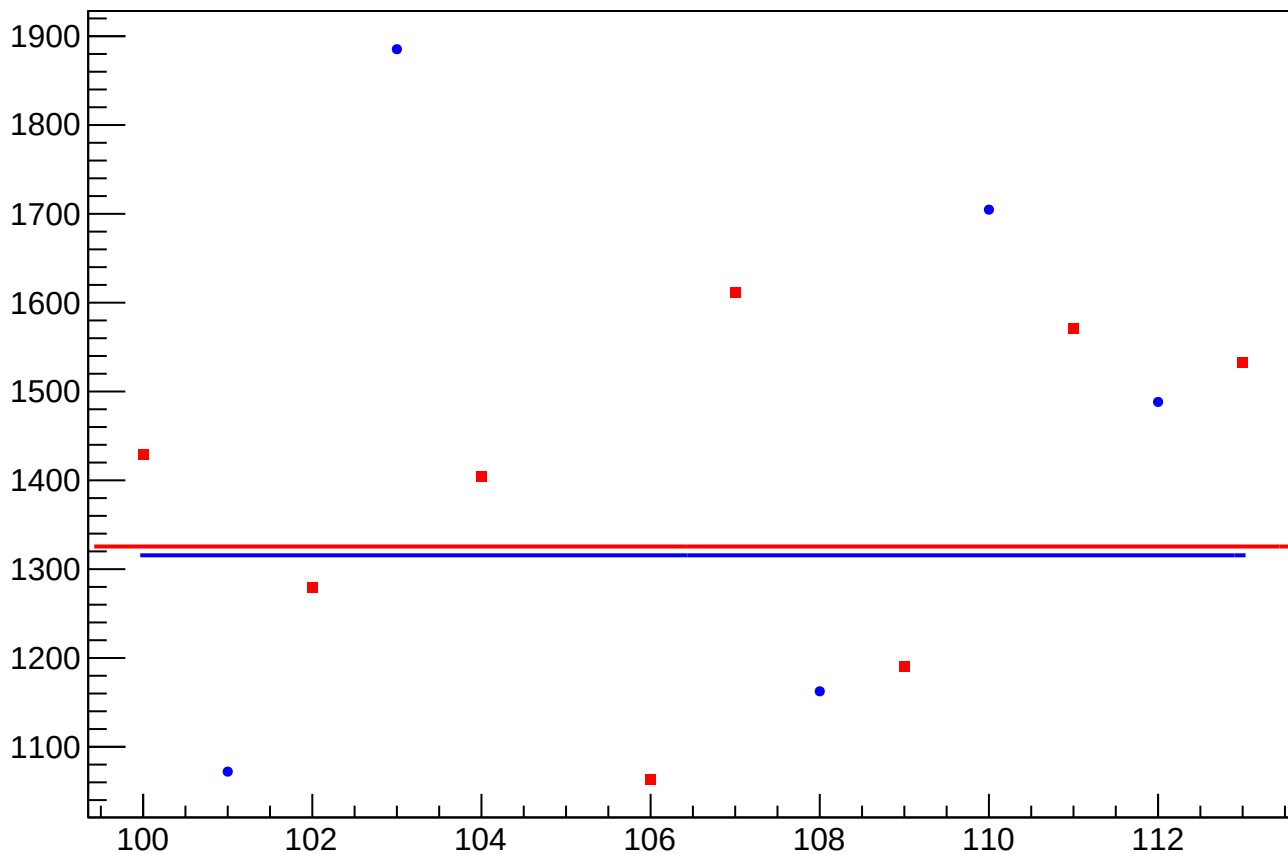
Right: -641.656+/-565.783 χ^2/NDF : 18.9/12

In: -227.352+/-850.449 χ^2/NDF : 6.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -641.656+/-565.783 χ^2/NDF : 18.9/12

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: 1325.516+/-0.536 χ^2/NDF : 109104.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

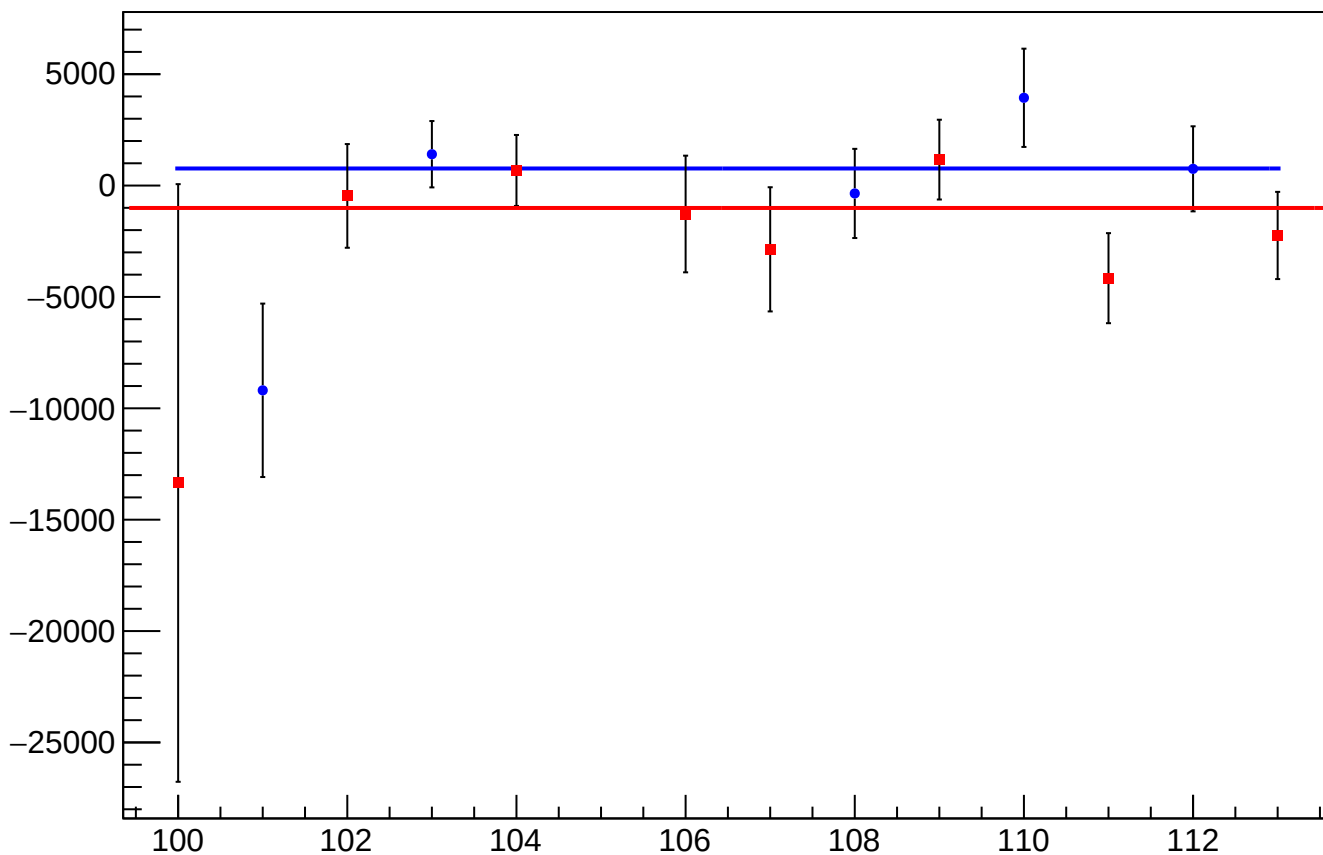
Right: 1321.124+/-0.400 χ^2/NDF : 350932.3/12

In: 1315.592+/-0.601 χ^2/NDF :241675.9/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1321.124+/-0.400 χ^2/NDF : 350932.3/12

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: -1006.047+/-772.375 χ^2/NDF : 6.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

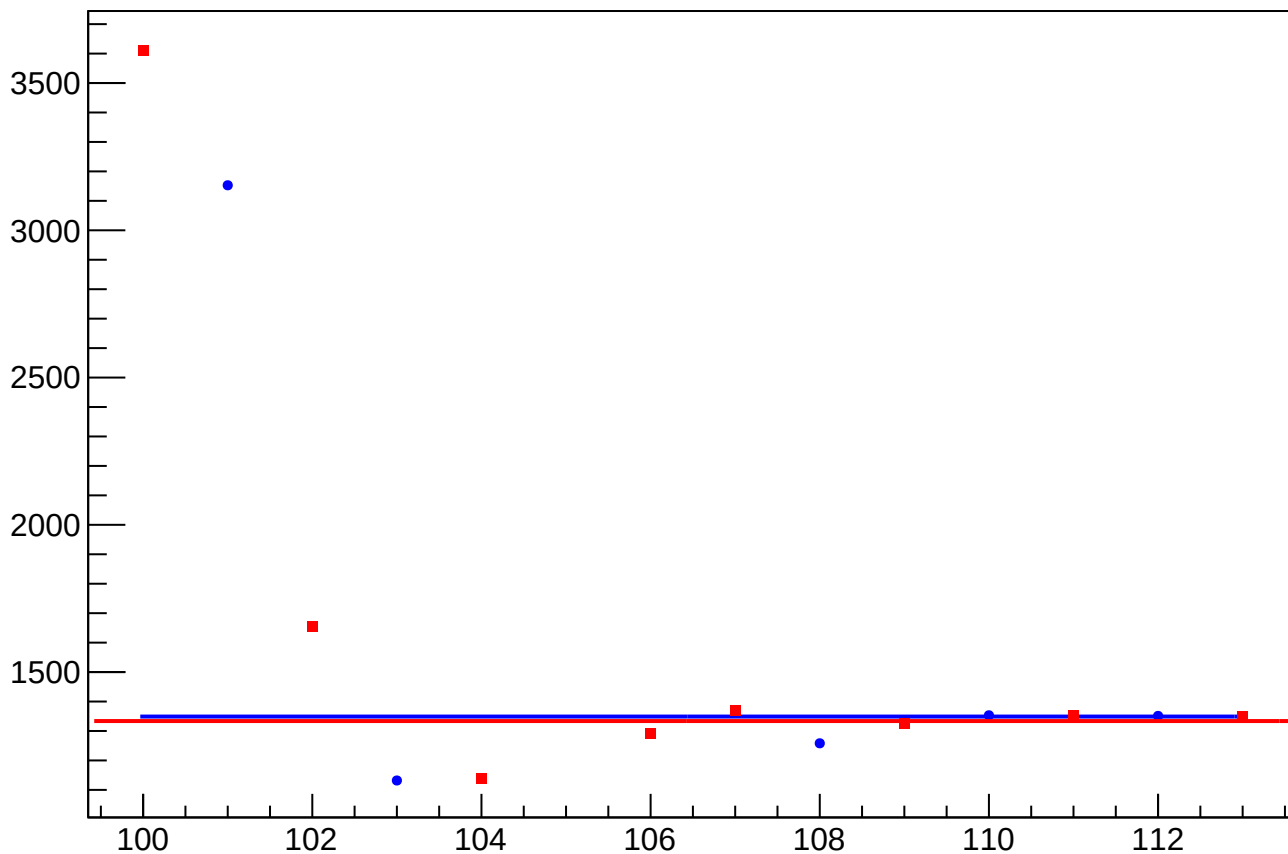
Right: -250.188+/-584.955 χ^2/NDF : 18.1/12

In: 766.495+/-895.778 χ^2/NDF : 9.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -250.188+/-584.955 χ^2/NDF : 18.1/12

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: 1333.742+/-0.546 χ^2/NDF : 126564.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

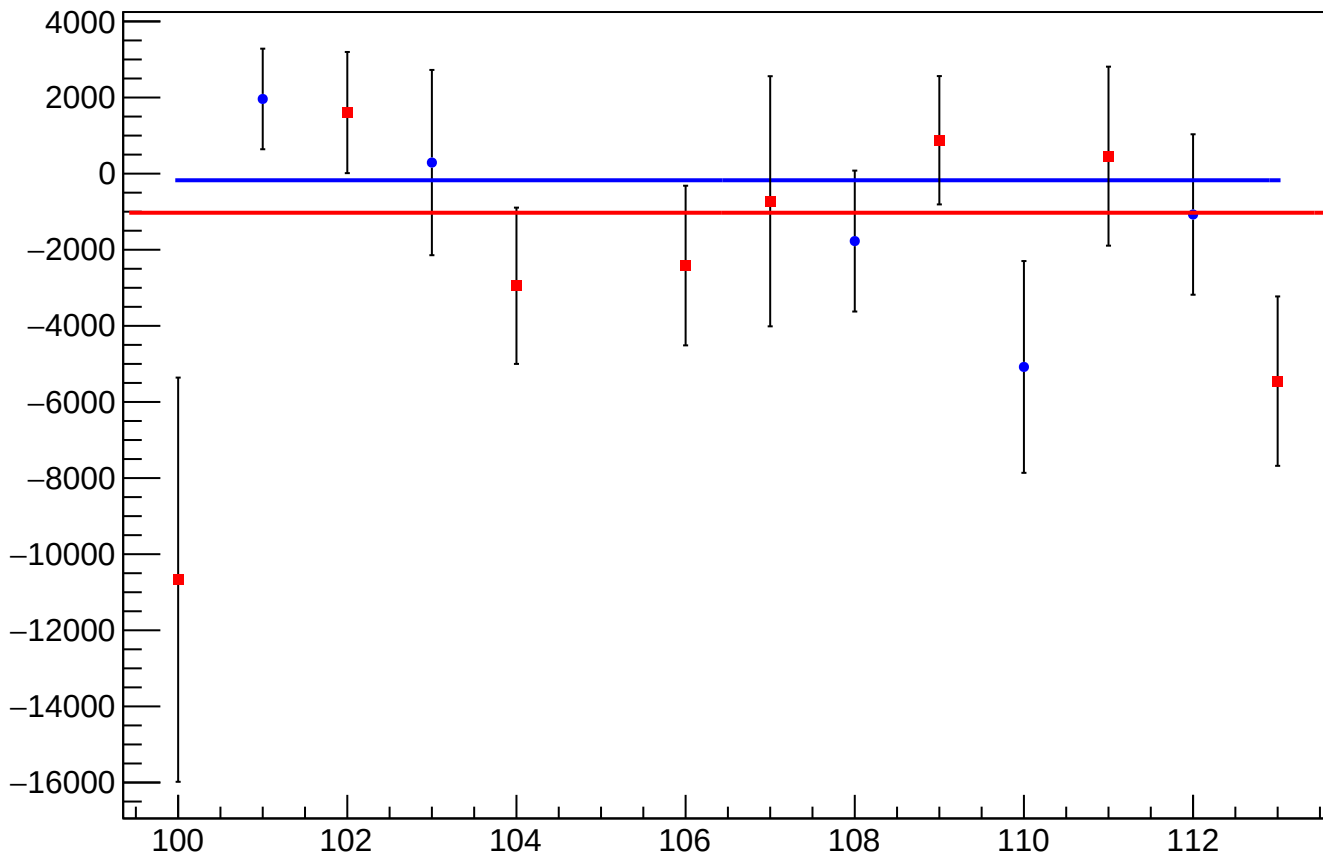
Right: 1340.238+/-0.414 χ^2/NDF : 602898.4/12

In: 1348.976+/-0.633 χ^2/NDF : 476002.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1340.238+/-0.414 χ^2/NDF : 602898.4/12

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: -1027.624+/-762.202 χ^2/NDF : 13.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

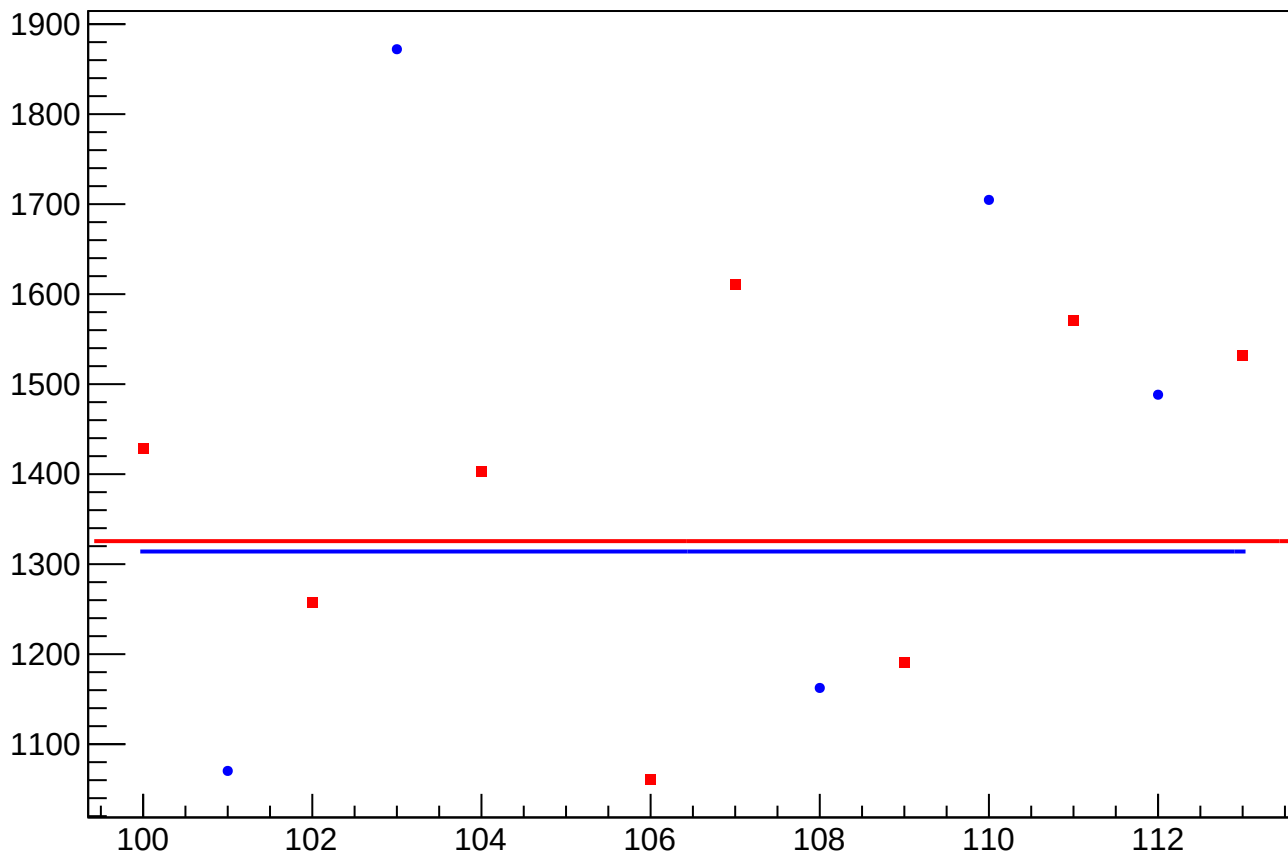
Right: -646.754+/-567.184 χ^2/NDF : 20.2/12

In: -174.146+/-849.047 χ^2/NDF : 6.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -646.754+/-567.184 χ^2/NDF : 20.2/12

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: 1325.579+/-0.539 χ^2/NDF : 106024.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

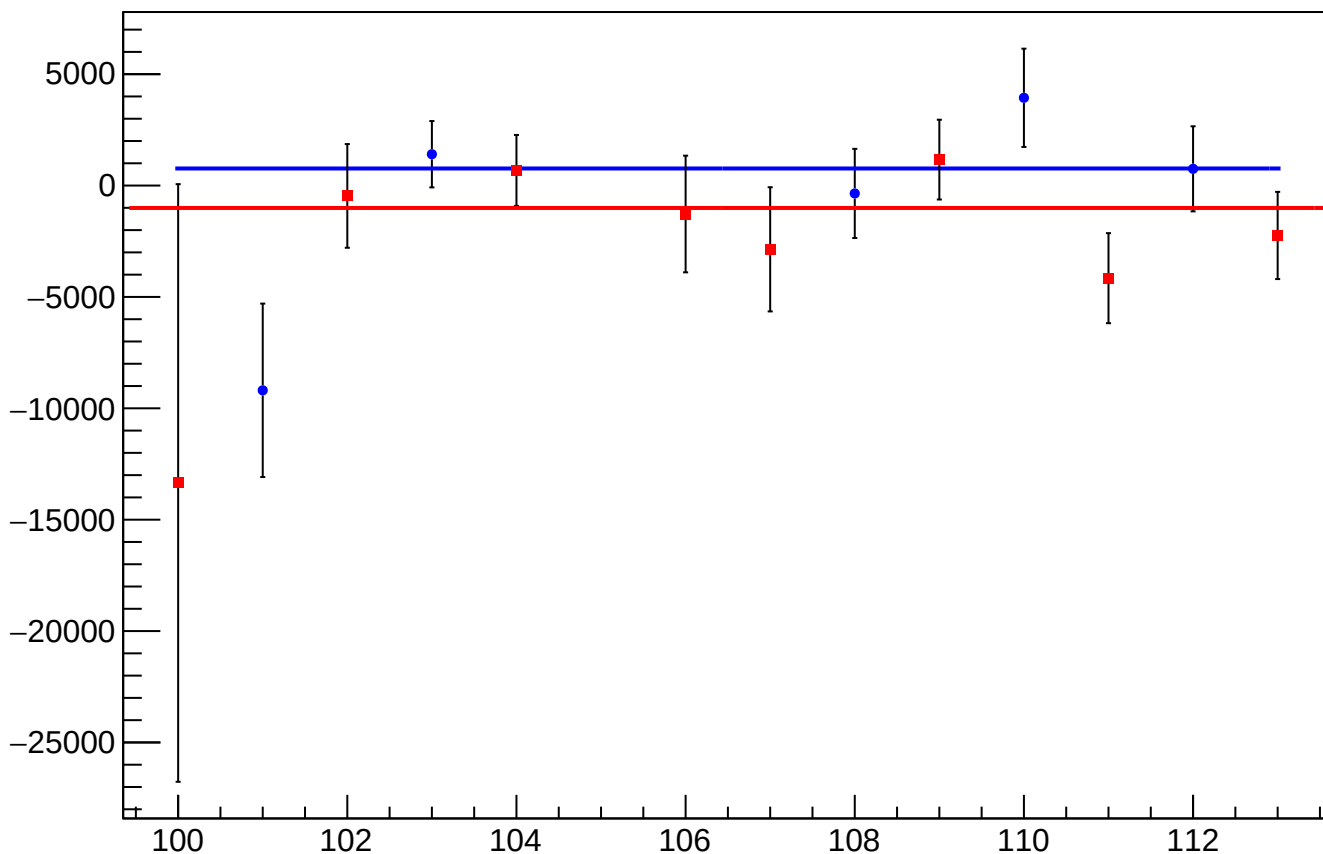
Right: 1320.441+/-0.401 χ^2/NDF : 345884.0/12

In: 1314.065+/-0.600 χ^2/NDF : 239656.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1320.441+/-0.401 χ^2/NDF : 345884.0/12

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: -1006.047+/-772.375 χ^2/NDF : 6.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

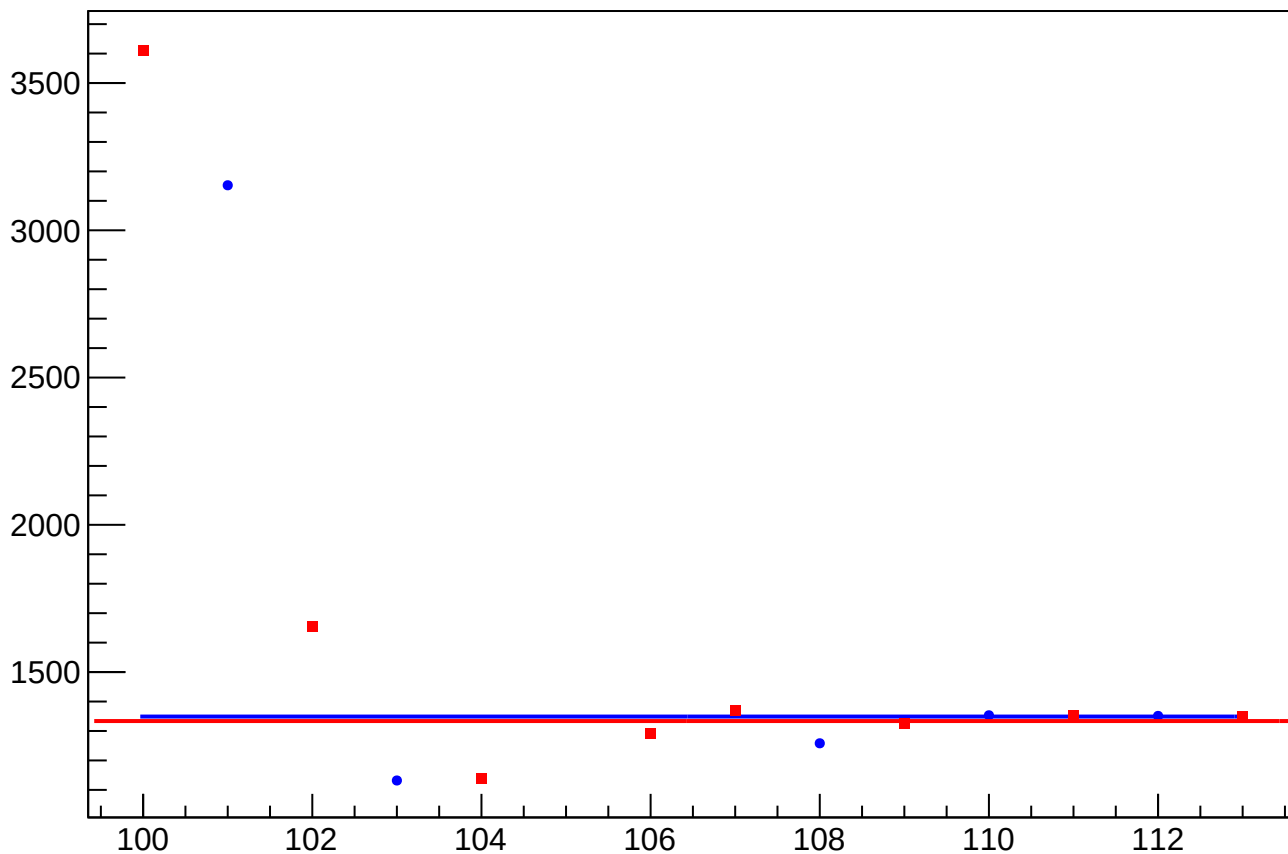
Right: -250.188+/-584.955 χ^2/NDF : 18.1/12

In: 766.495+/-895.778 χ^2/NDF : 9.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -250.188+/-584.955 χ^2/NDF : 18.1/12

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: 1333.742+/-0.546 χ^2/NDF : 126564.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

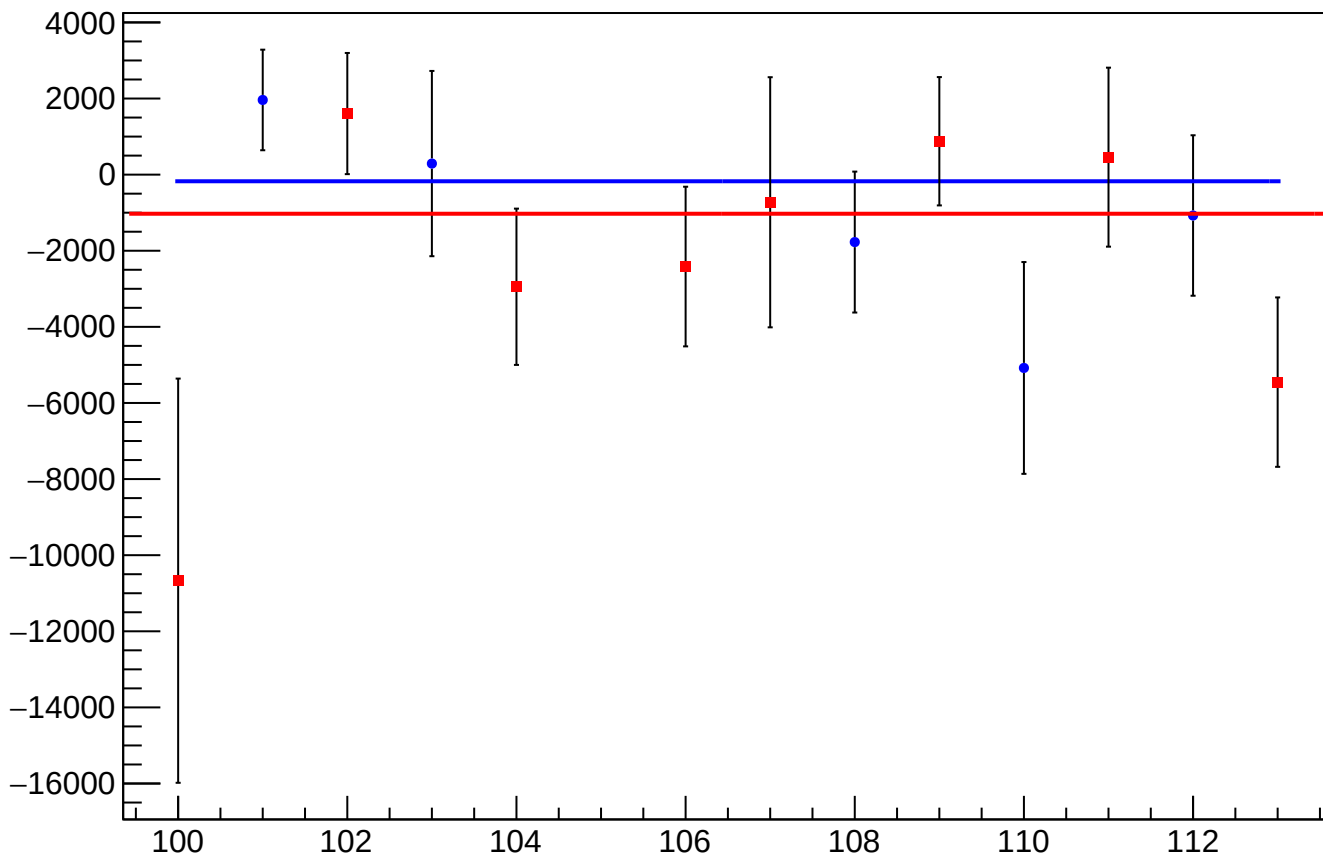
Right: 1340.238+/-0.414 χ^2/NDF : 602898.4/12

In: 1348.976+/-0.633 χ^2/NDF : 476002.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1340.238+/-0.414 χ^2/NDF : 602898.4/12

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: -1027.624+/-762.202 χ^2/NDF : 13.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

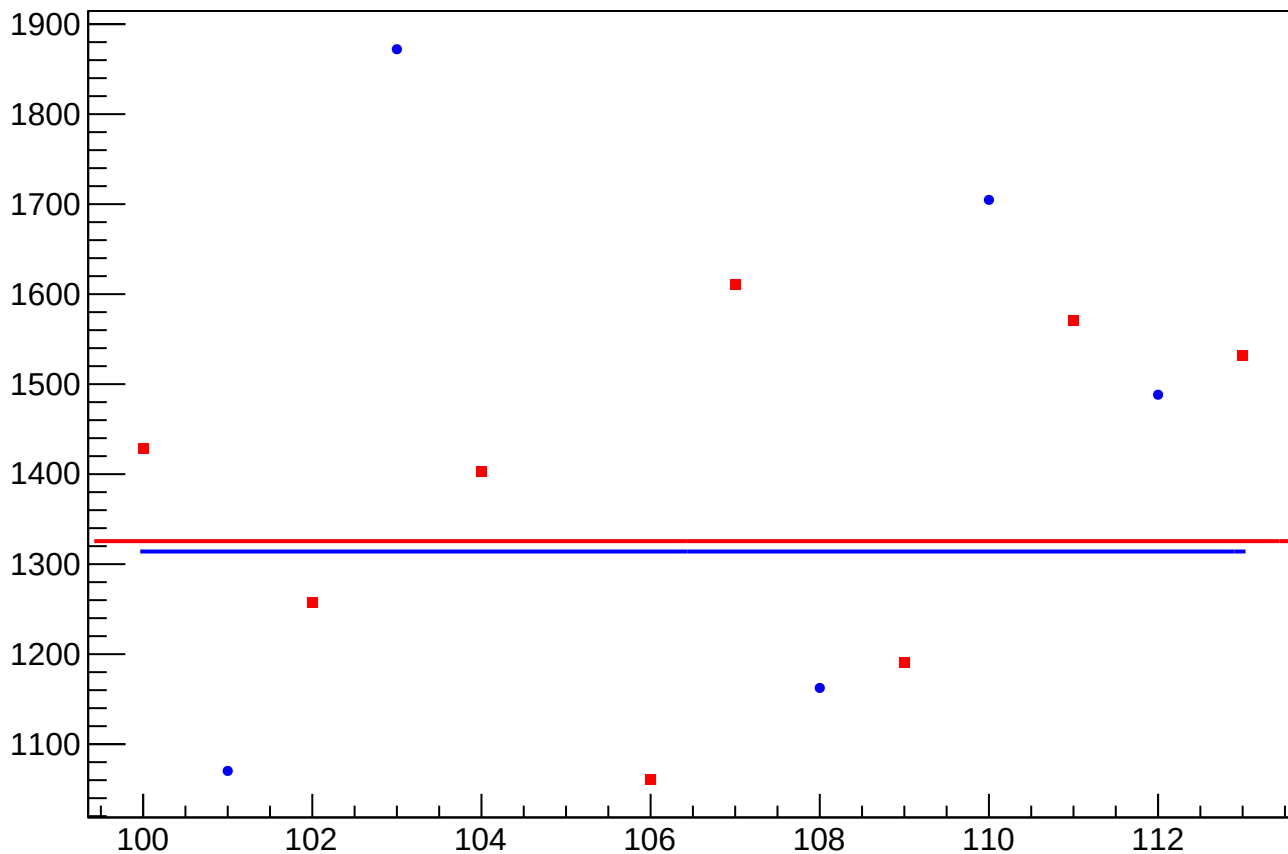
Right: -646.754+/-567.184 χ^2/NDF : 20.2/12

In: -174.146+/-849.047 χ^2/NDF : 6.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -646.754+/-567.184 χ^2/NDF : 20.2/12

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: 1325.579+/-0.539 χ^2/NDF : 106024.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

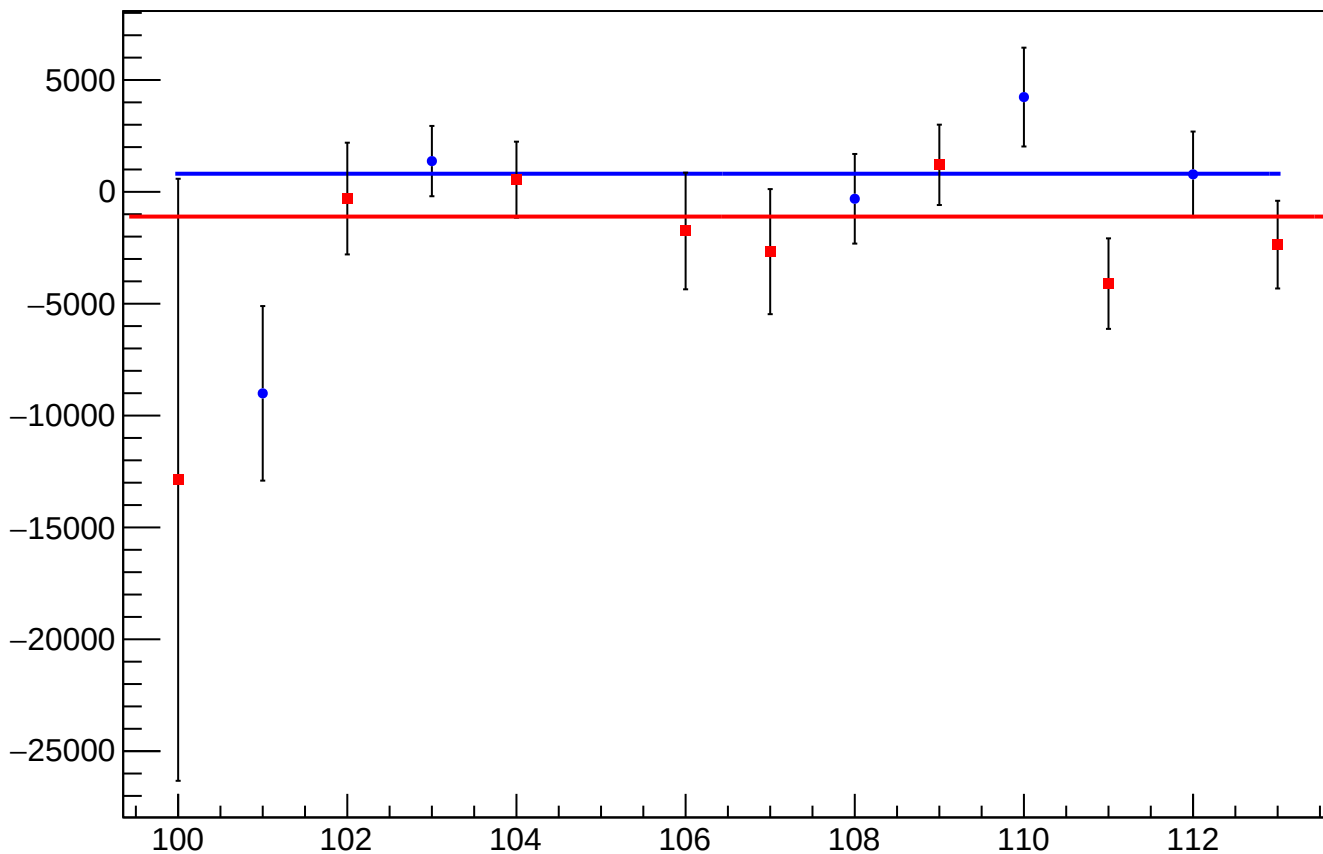
Right: 1320.441+/-0.401 χ^2/NDF : 345884.0/12

In: 1314.065+/-0.600 χ^2/NDF : 239656.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1320.441+/-0.401 χ^2/NDF : 345884.0/12

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: -1105.096+/-789.921 χ^2/NDF : 6.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

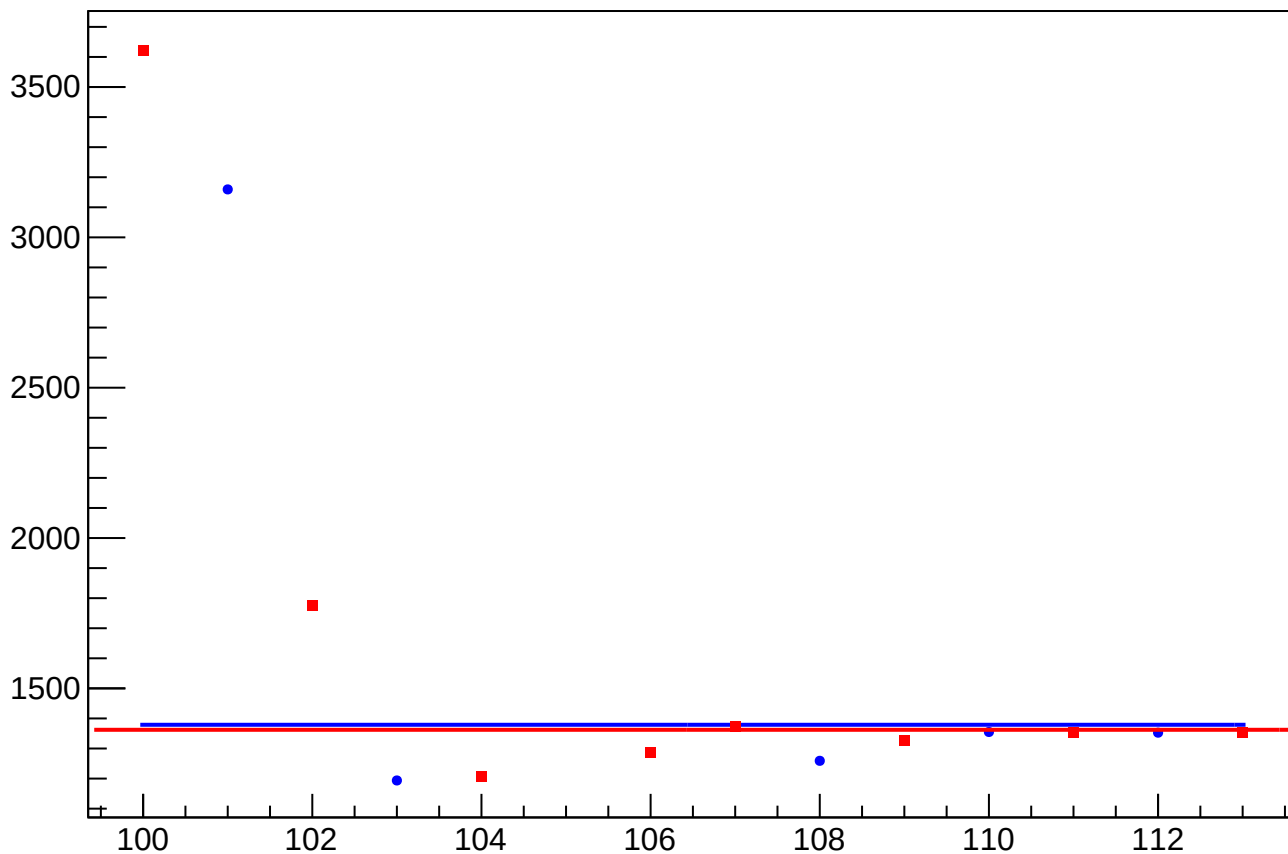
Right: -285.518+/-597.474 χ^2/NDF : 18.1/12

In: 810.245+/-913.370 χ^2/NDF : 9.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -285.518+/-597.474 χ^2/NDF : 18.1/12

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: 1362.240+/-0.559 χ^2/NDF : 130435.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

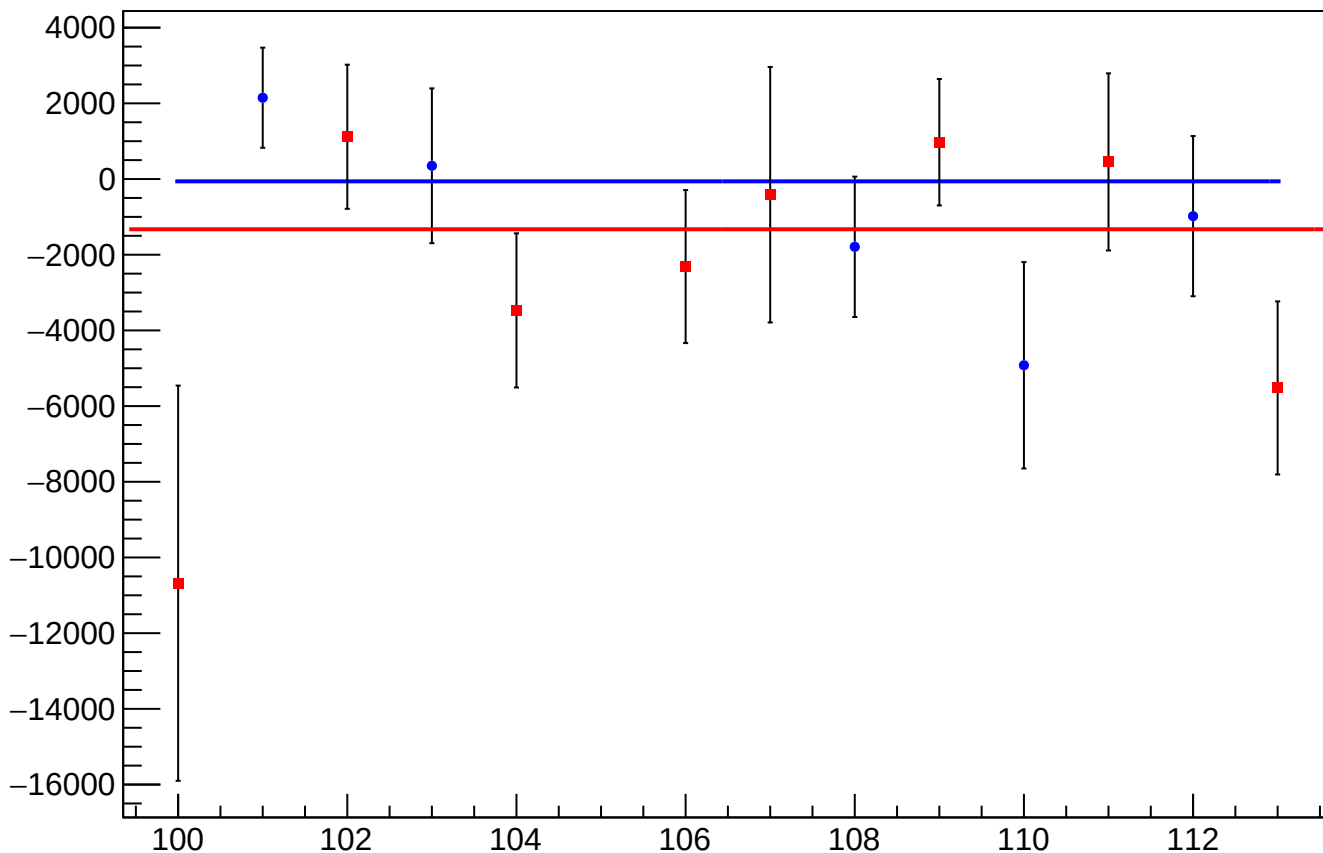
Right: 1369.385+/-0.422 χ^2/NDF : 582971.4/12

In: 1378.939+/-0.646 χ^2/NDF : 452153.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1369.385+/-0.422 χ^2/NDF : 582971.4/12

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: -1327.016+/-786.238 χ^2/NDF : 12.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

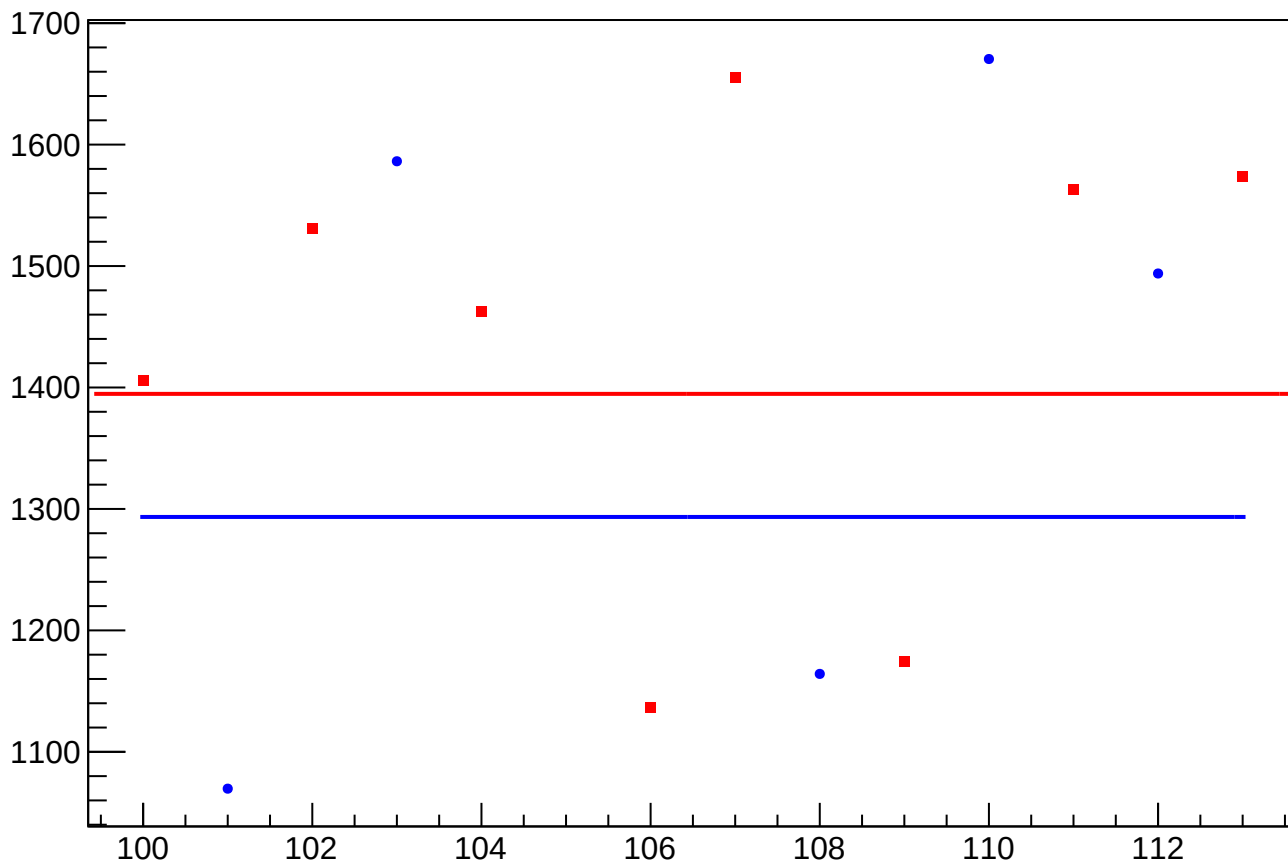
Right: -726.680+/-570.095 χ^2/NDF : 20.4/12

In: -61.129+/-827.842 χ^2/NDF : 7.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -726.680+/-570.095 χ^2/NDF : 20.4/12

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: 1394.749+/-0.556 χ^2/NDF : 114475.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

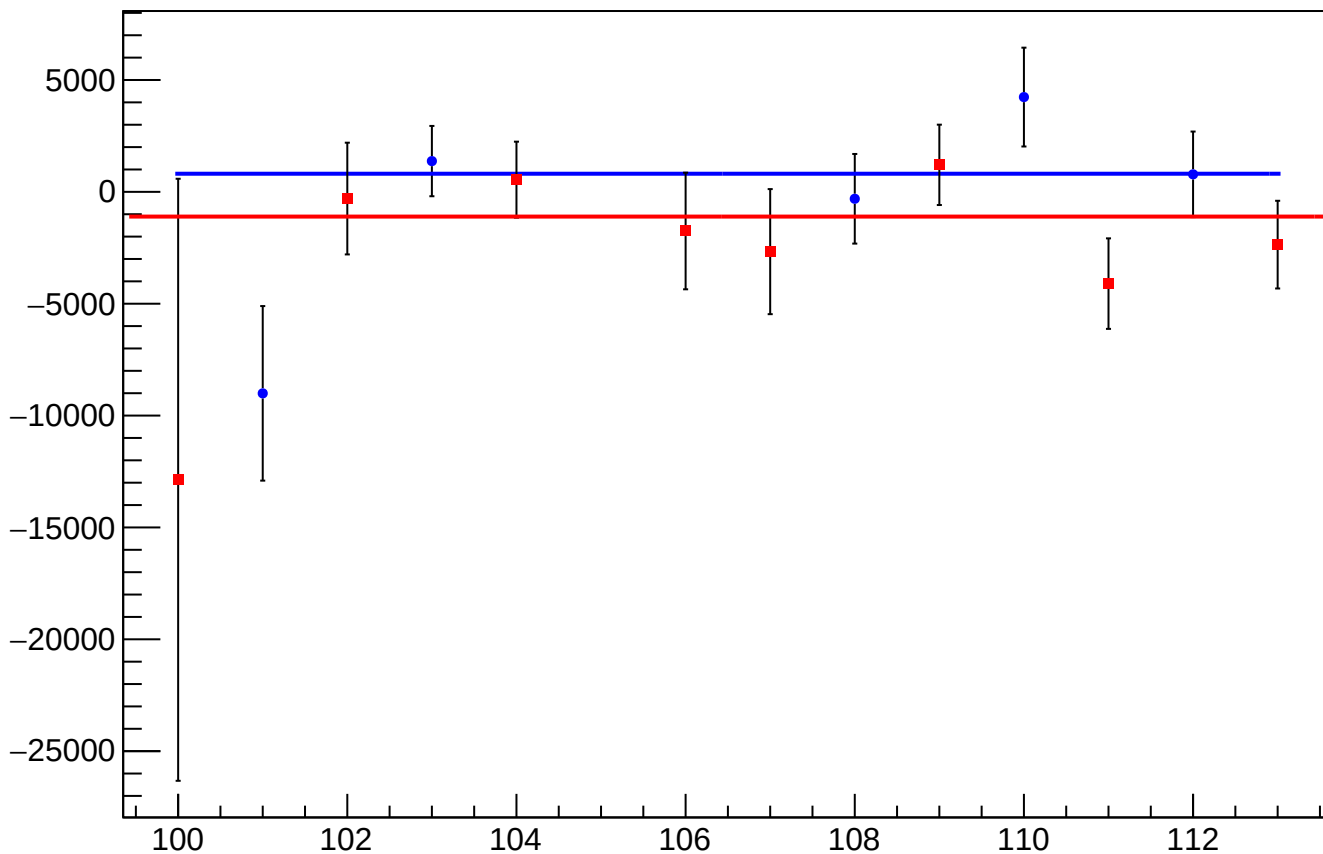
Right: 1346.689+/-0.403 χ^2/NDF : 294359.3/12

In: 1293.408+/-0.585 χ^2/NDF : 164125.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1346.689+/-0.403 χ^2/NDF : 294359.3/12

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: -1105.097+/-789.921 χ^2/NDF : 6.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

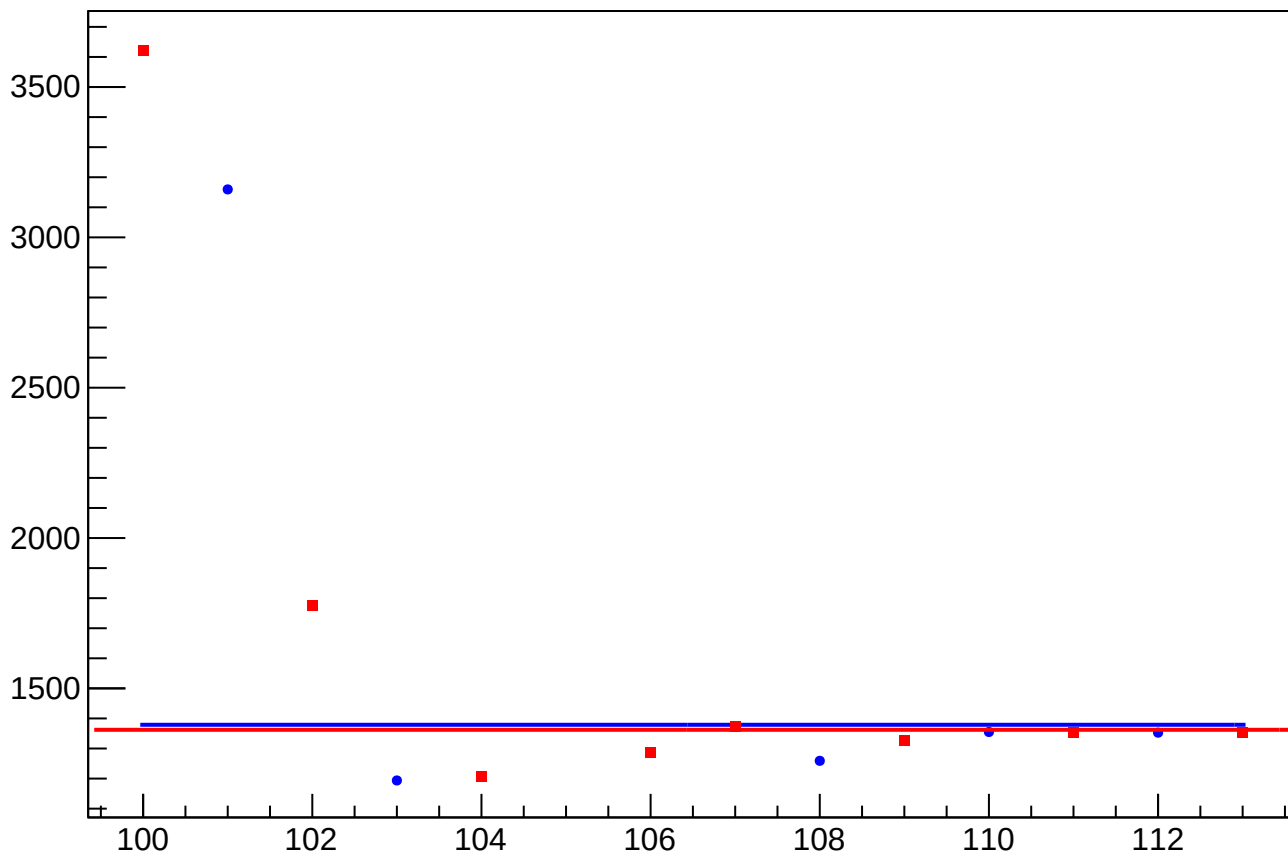
Right: -285.520+/-597.474 χ^2/NDF : 18.1/12

In: 810.241+/-913.370 χ^2/NDF : 9.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -285.520+/-597.474 χ^2/NDF : 18.1/12

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: 1362.239+/-0.559 χ^2/NDF : 130434.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

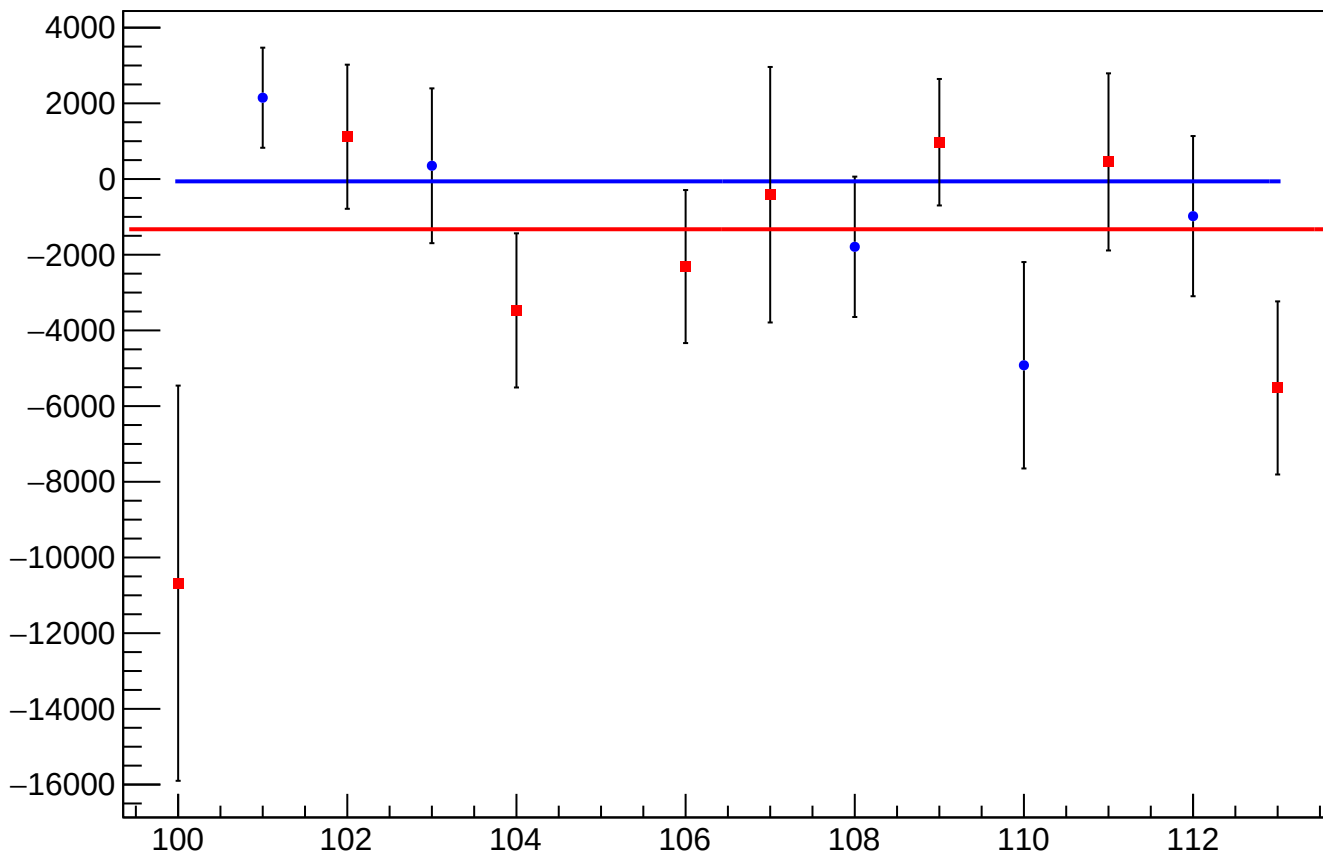
Right: 1369.385+/-0.422 χ^2/NDF : 582971.6/12

In: 1378.938+/-0.646 χ^2/NDF : 452154.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1369.385+/-0.422 χ^2/NDF : 582971.6/12

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: -1327.019+/-786.238 χ^2/NDF : 12.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

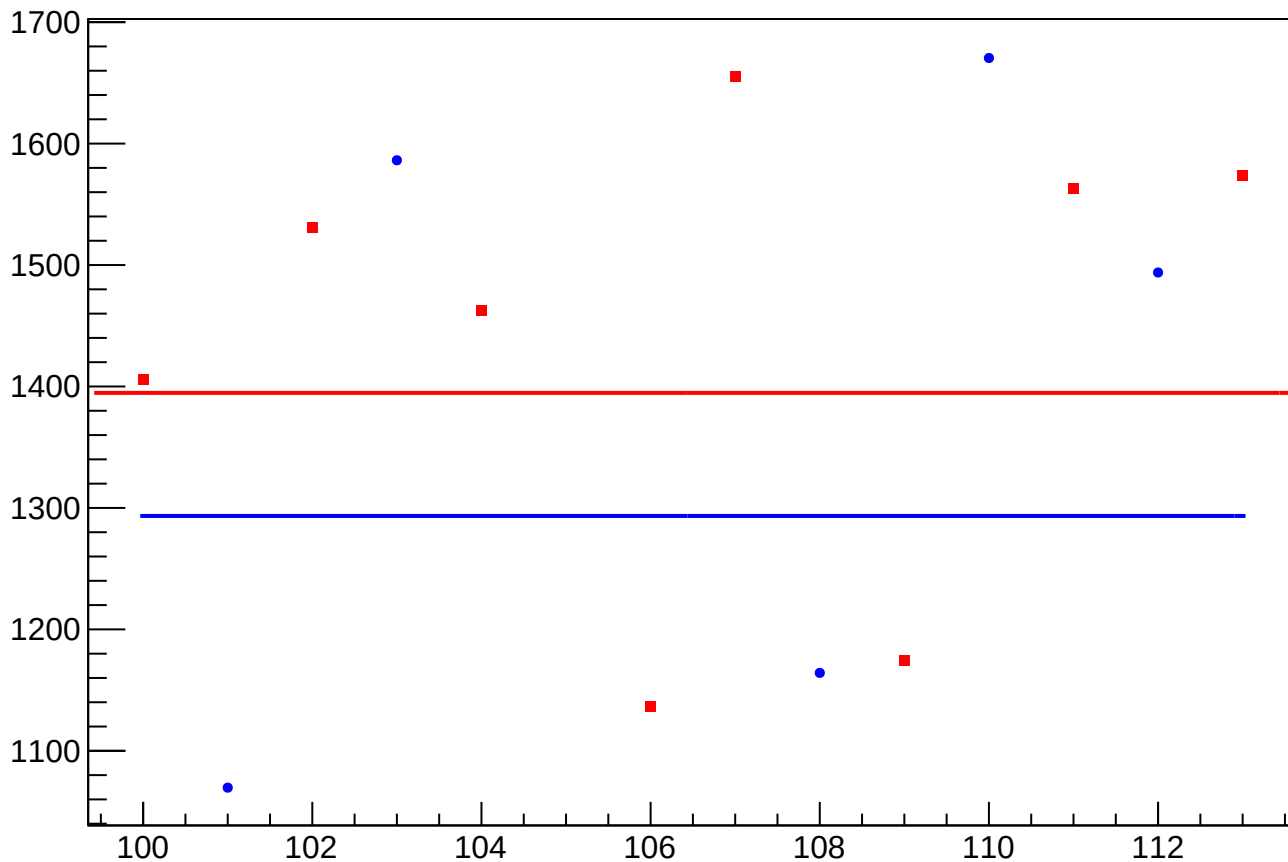
Right: -726.679+/-570.094 χ^2/NDF : 20.4/12

In: -61.128+/-827.839 χ^2/NDF : 7.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -726.679+/-570.094 χ^2/NDF : 20.4/12

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: 1394.749+/-0.556 χ^2/NDF : 114477.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

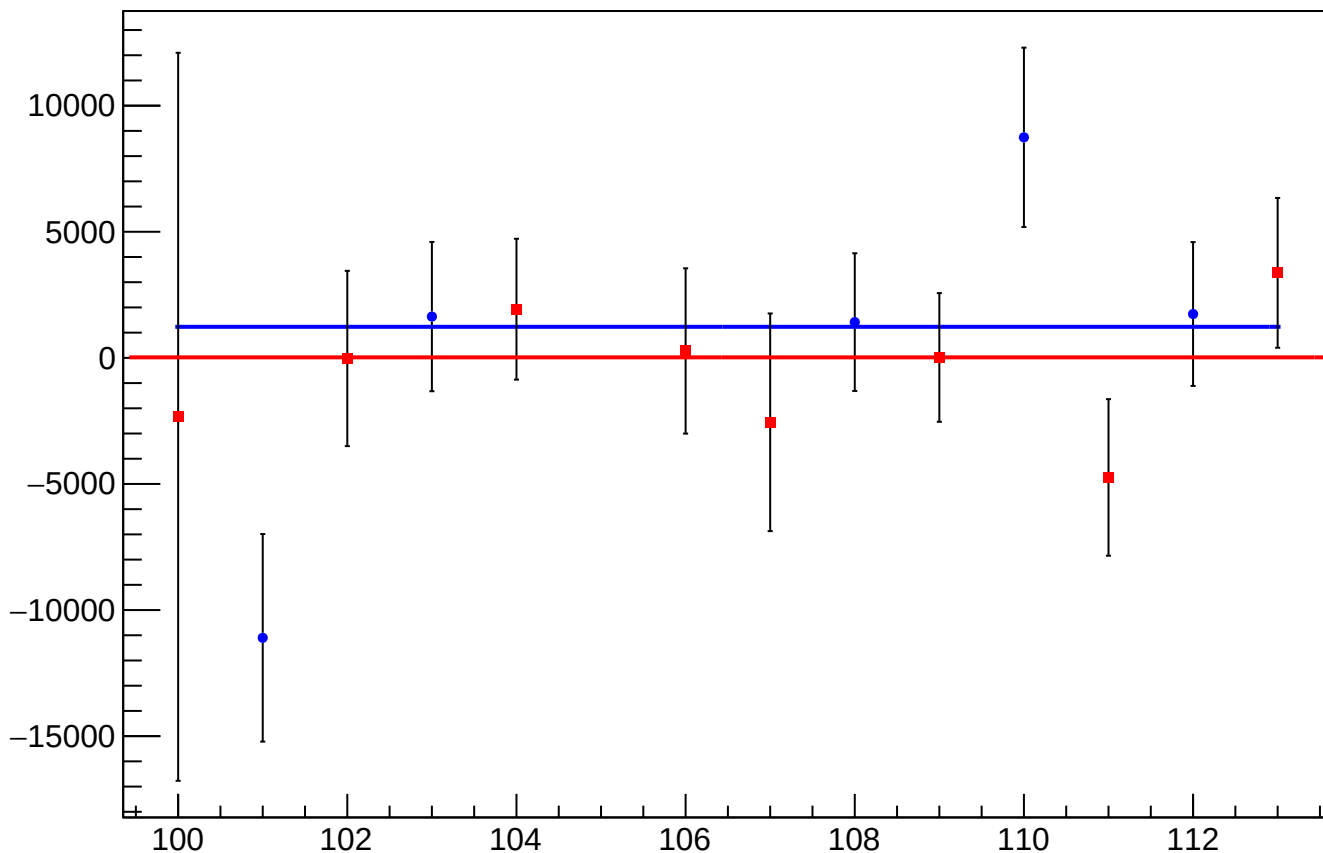
Right: 1346.686+/-0.403 χ^2/NDF : 294370.4/12

In: 1293.402+/-0.585 χ^2/NDF : 164133.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1346.686+/-0.403 χ^2/NDF : 294370.4/12

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: 20.359+/-1167.844 χ^2/NDF : 4.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

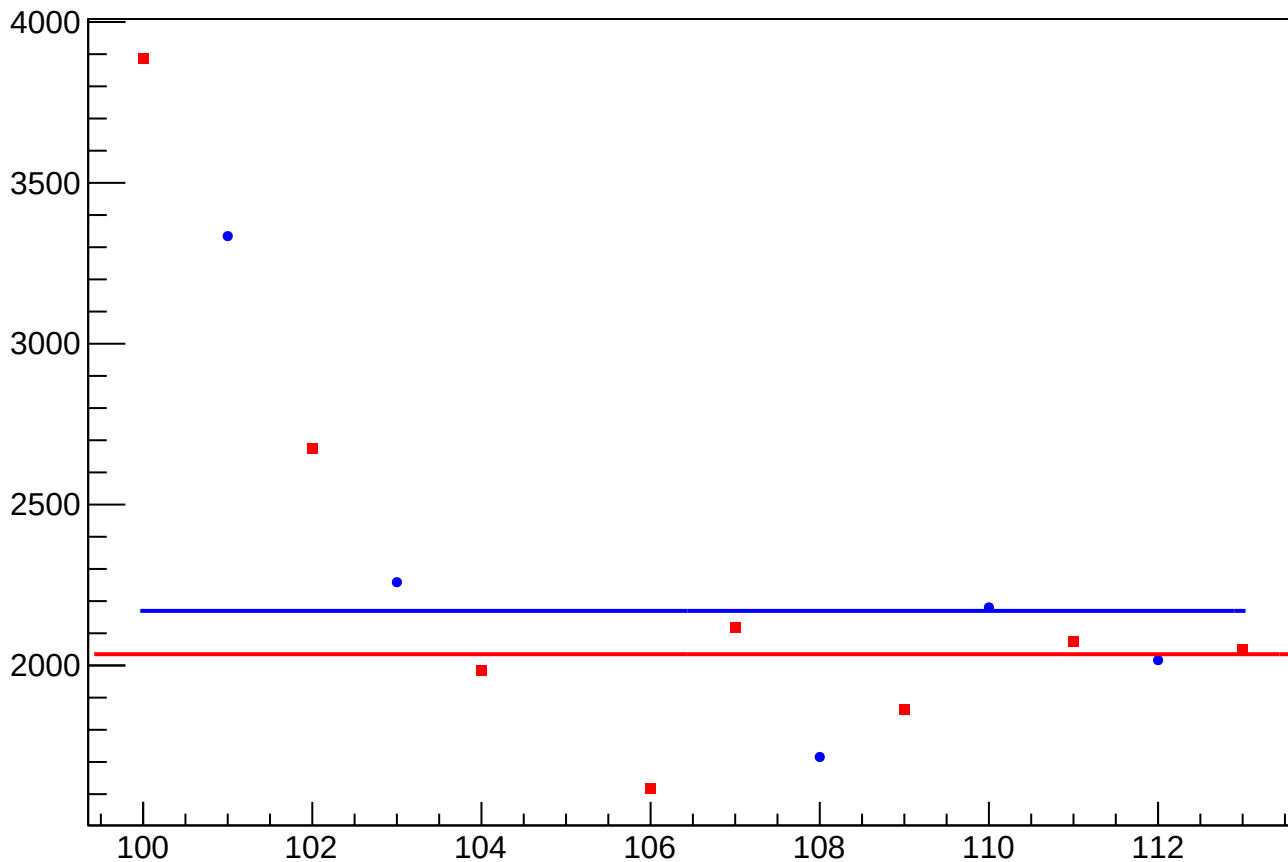
Right: 516.771+/-897.084 χ^2/NDF : 18.4/12

In: 1231.296+/-1401.111 χ^2/NDF : 13.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 516.771+/-897.084 χ^2/NDF : 18.4/12

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: 2035.010+/-0.826 χ^2/NDF : 143775.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

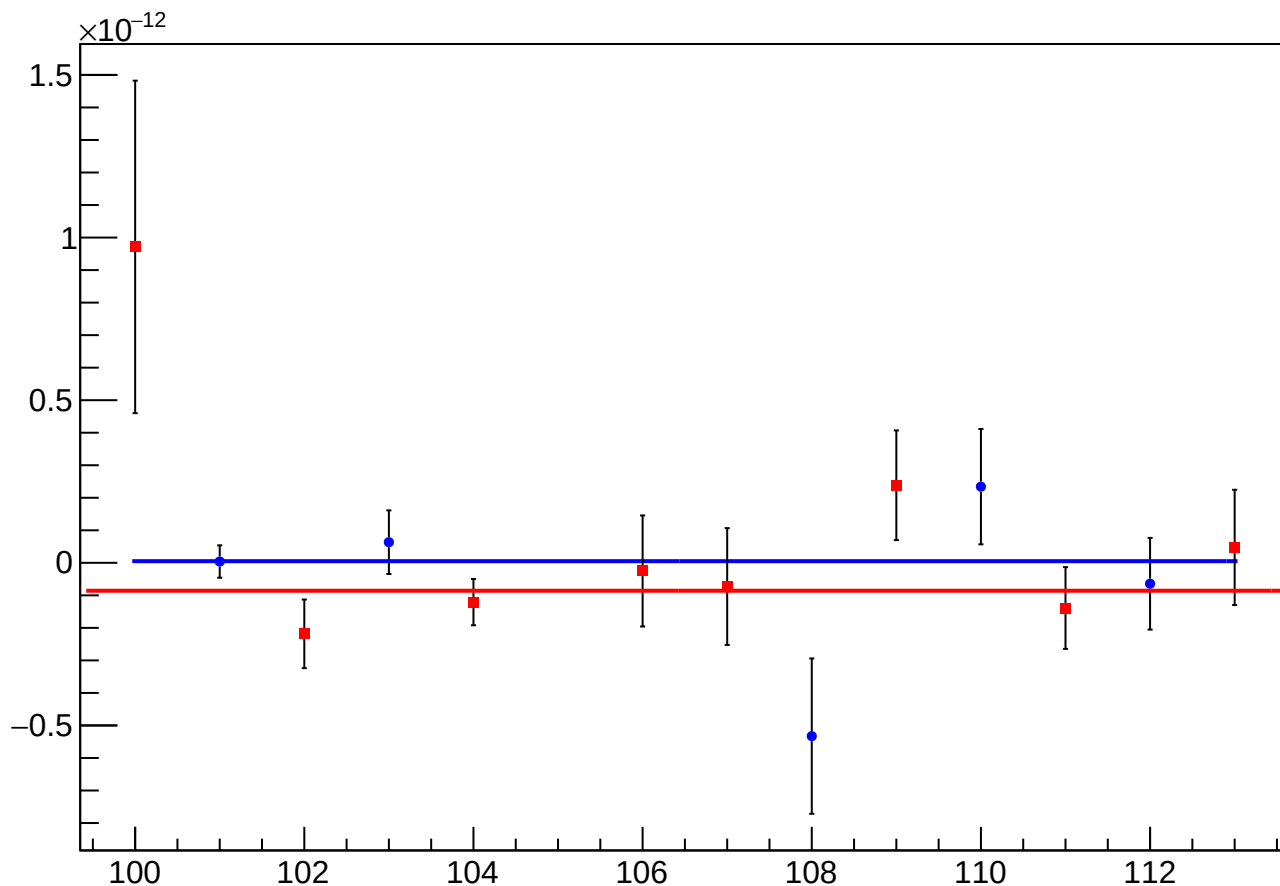
Right: 2090.202+/-0.634 χ^2/NDF : 377753.1/12

In: 2169.650+/-0.991 χ^2/NDF : 223080.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2090.202+/-0.634 χ^2/NDF : 377753.1/12

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 : 10.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

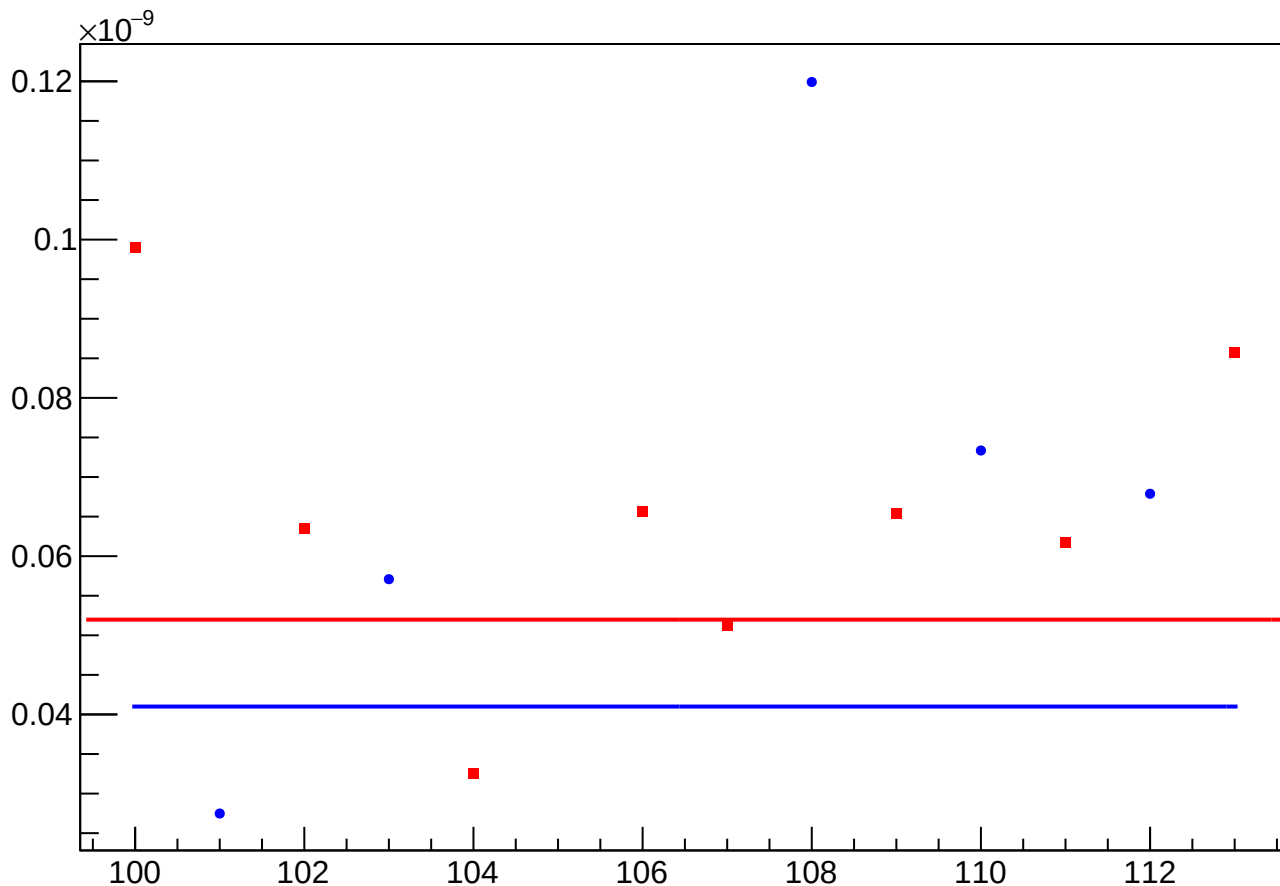
Right: -0.000+/-0.000 χ^2/NDF : 20.2/12

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 : 20.2/12

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 : 299572.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

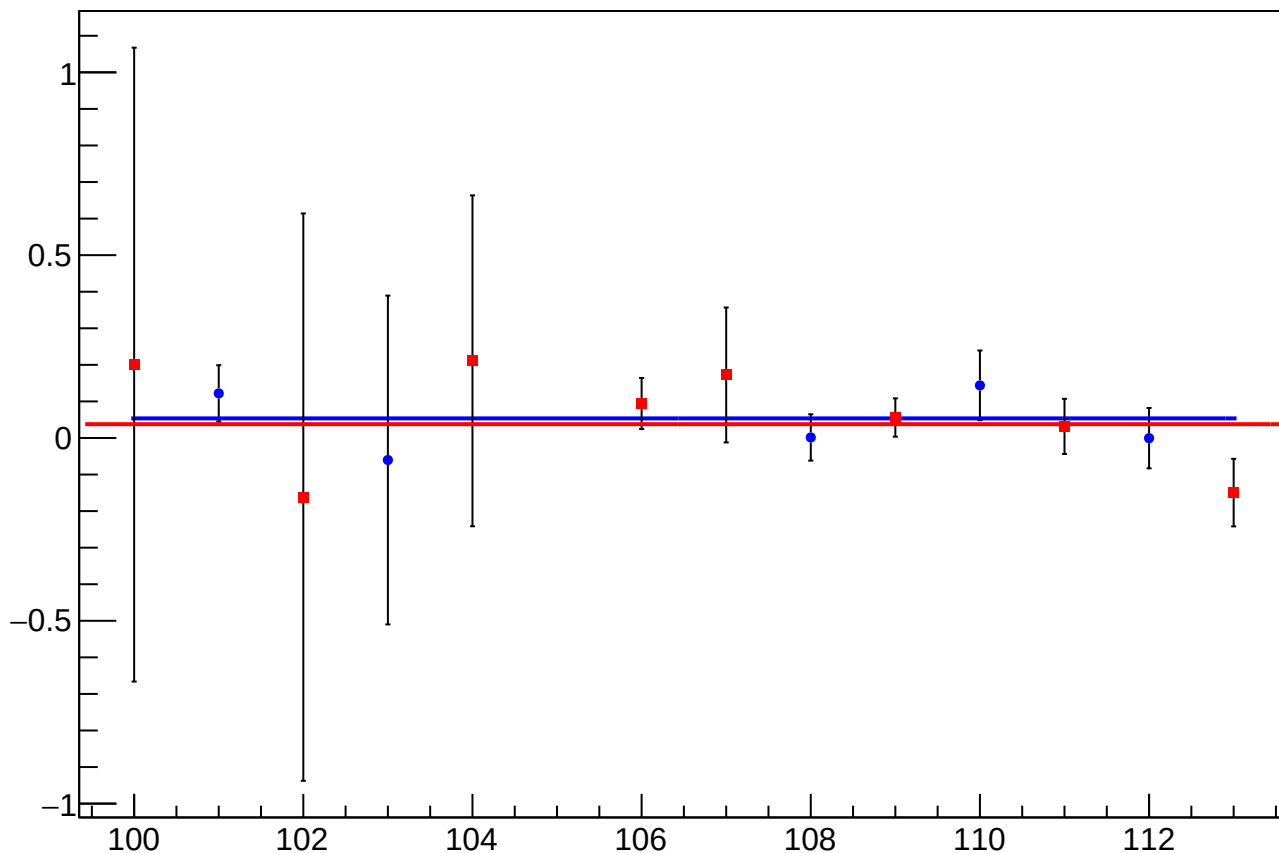
Right: 0.000+/-0.000 χ^2/NDF : 923948.7/12

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 : 923948.7/12

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: 0.038+/-0.033 χ^2/NDF : 5.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

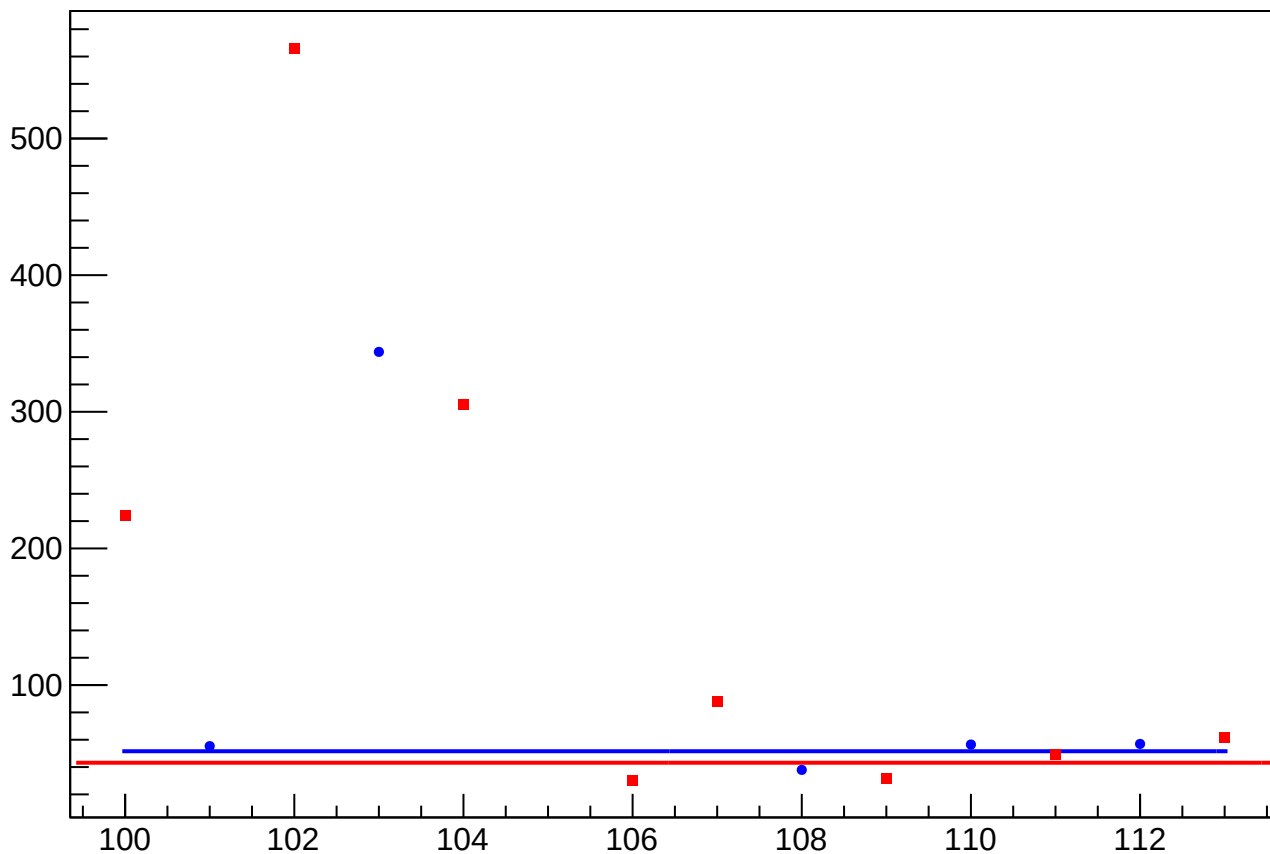
Right: 0.045+/-0.025 χ^2/NDF : 8.6/12

In: 0.054+/-0.038 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.045+/-0.025 χ^2/NDF : 8.6/12

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: 43.170+/-0.024 χ^2/NDF : 2051976.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

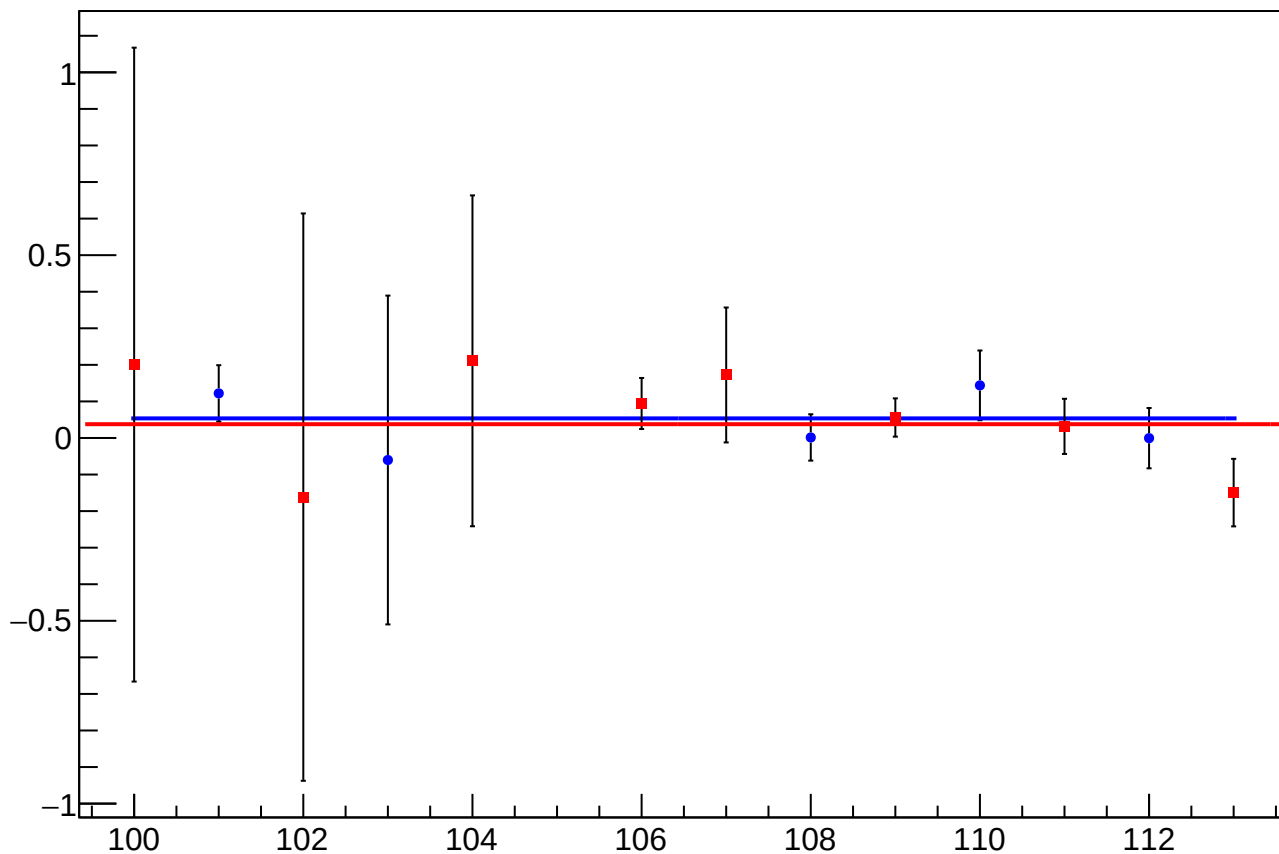
Right: 46.789+/-0.018 χ^2/NDF : 3063107.4/12

In: 51.584+/-0.027 χ^2/NDF : 956309.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.789+/-0.018 χ^2/NDF : 3063107.4/12

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: 0.038+/-0.033 χ^2/NDF : 5.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

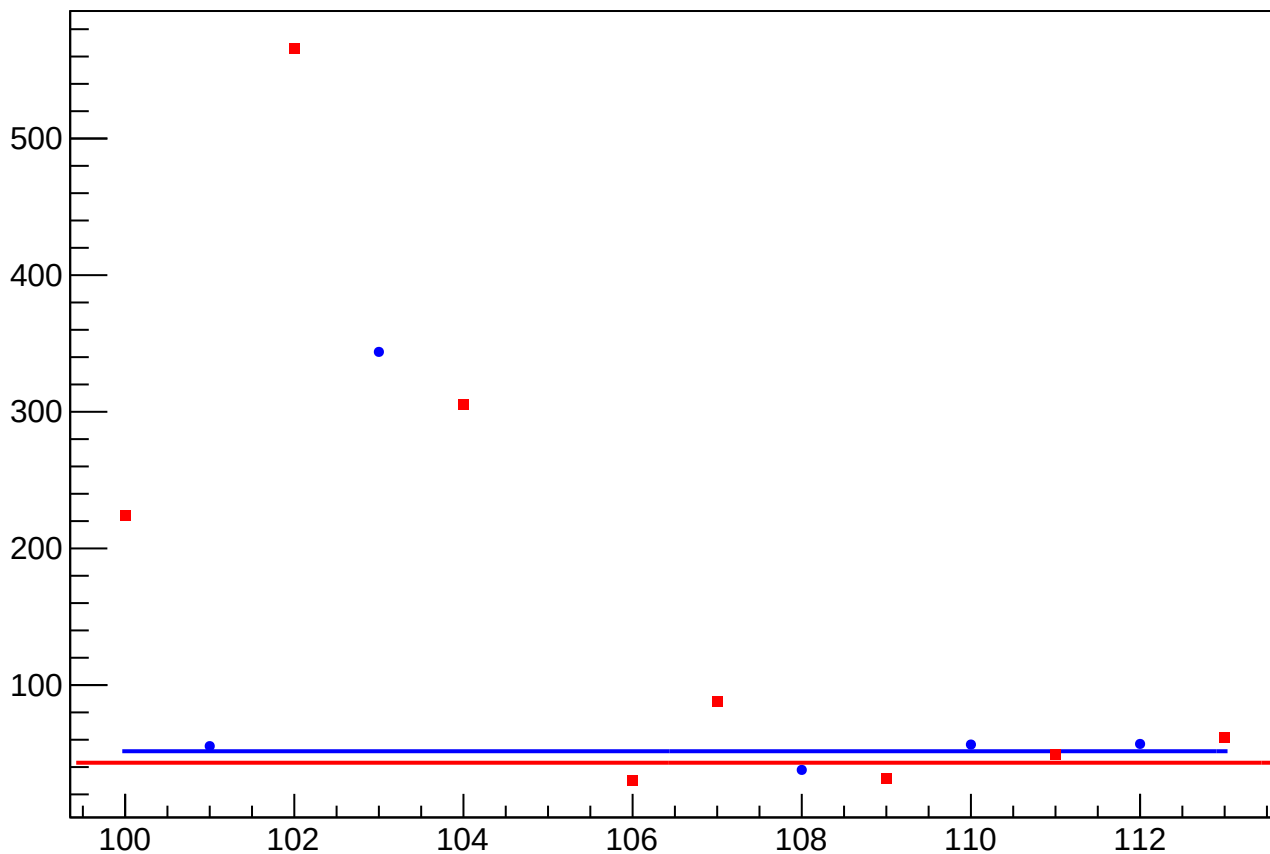
Right: 0.045+/-0.025 χ^2/NDF : 8.6/12

In: 0.054+/-0.038 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.045+/-0.025 χ^2/NDF : 8.6/12

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: 43.170+/-0.024 χ^2/NDF : 2051976.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

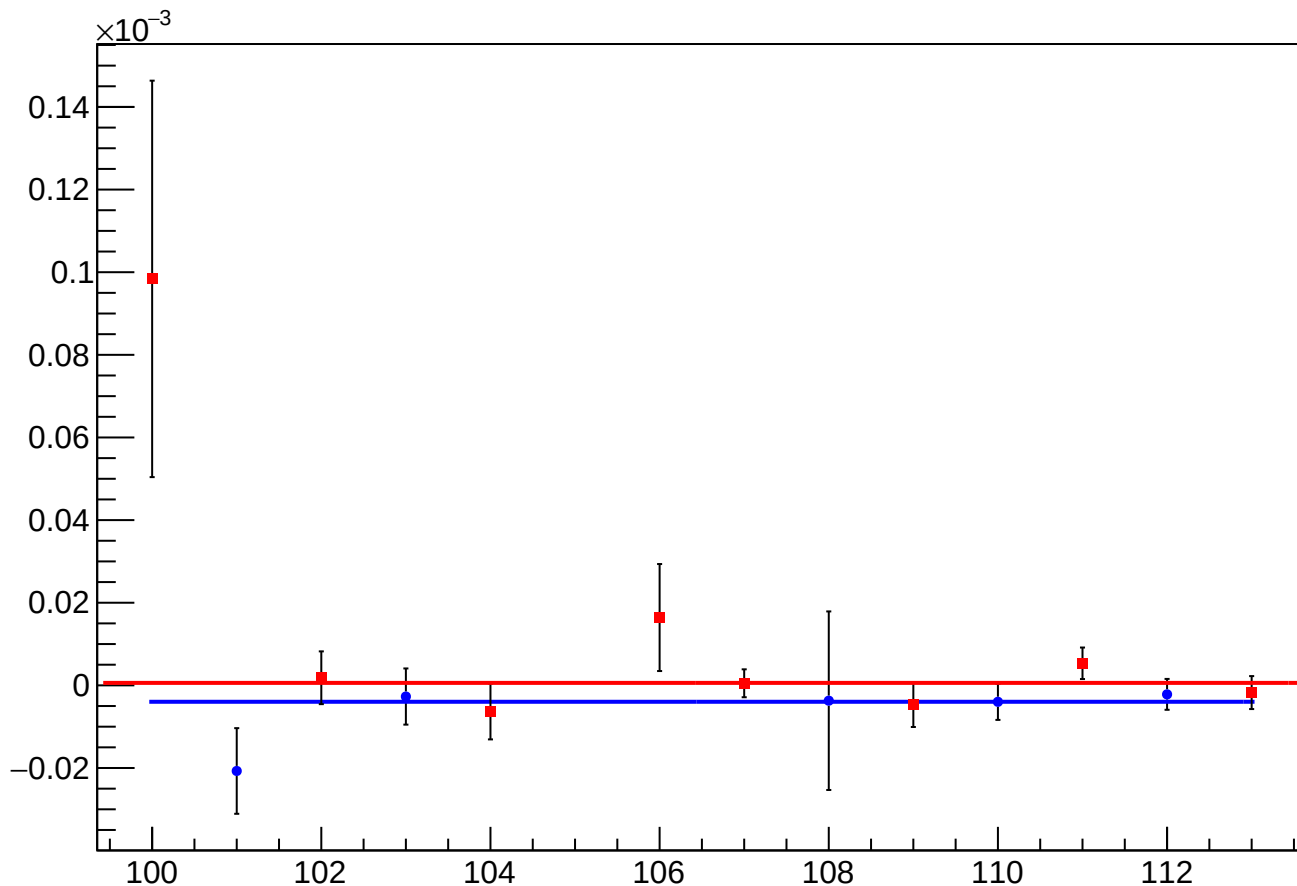
Right: 46.789+/-0.018 χ^2/NDF : 3063107.4/12

In: 51.584+/-0.027 χ^2/NDF : 956309.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.789+/-0.018 χ^2/NDF : 3063107.4/12

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 : 9.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

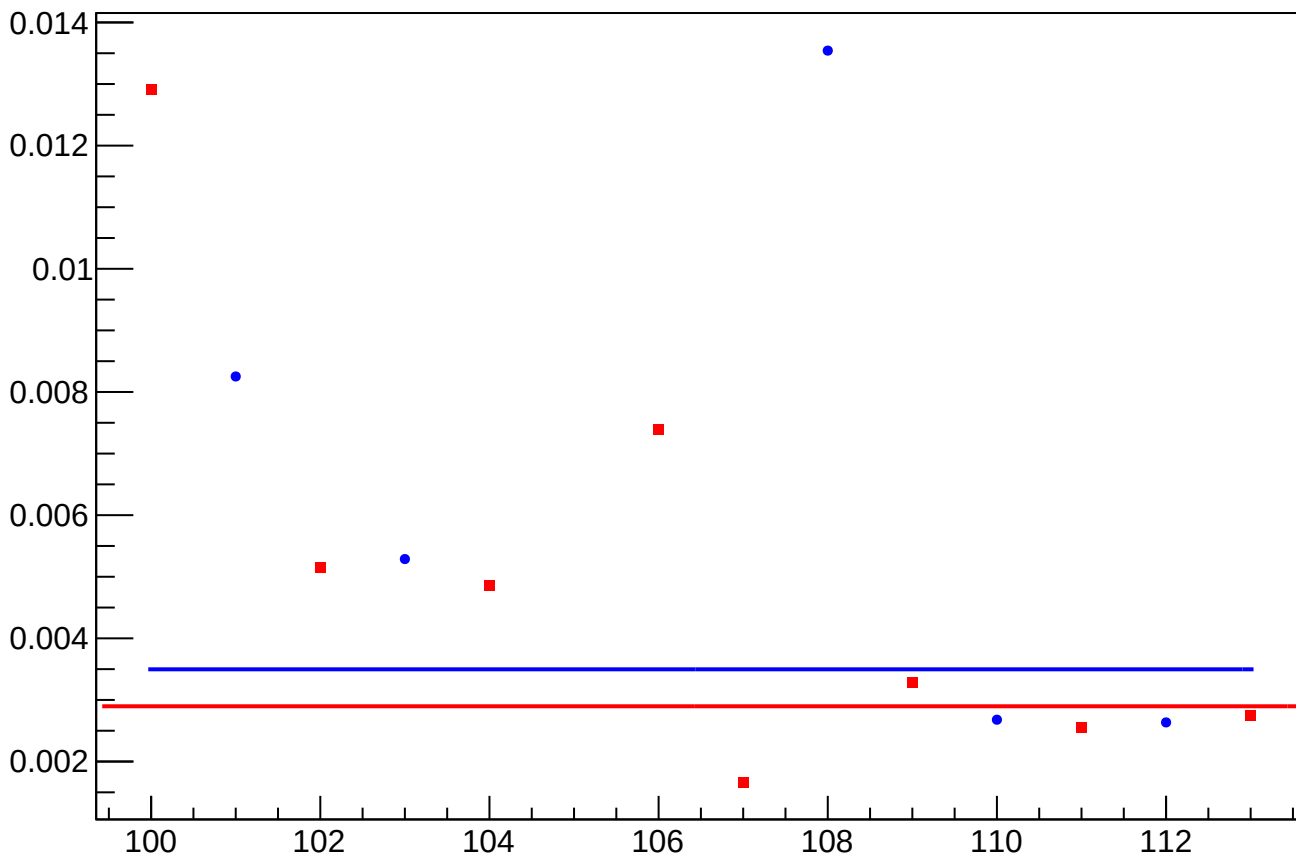
Right: -0.000+/-0.000 χ^2/NDF : 14.7/12

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 : 14.7/12

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 : 1042860.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

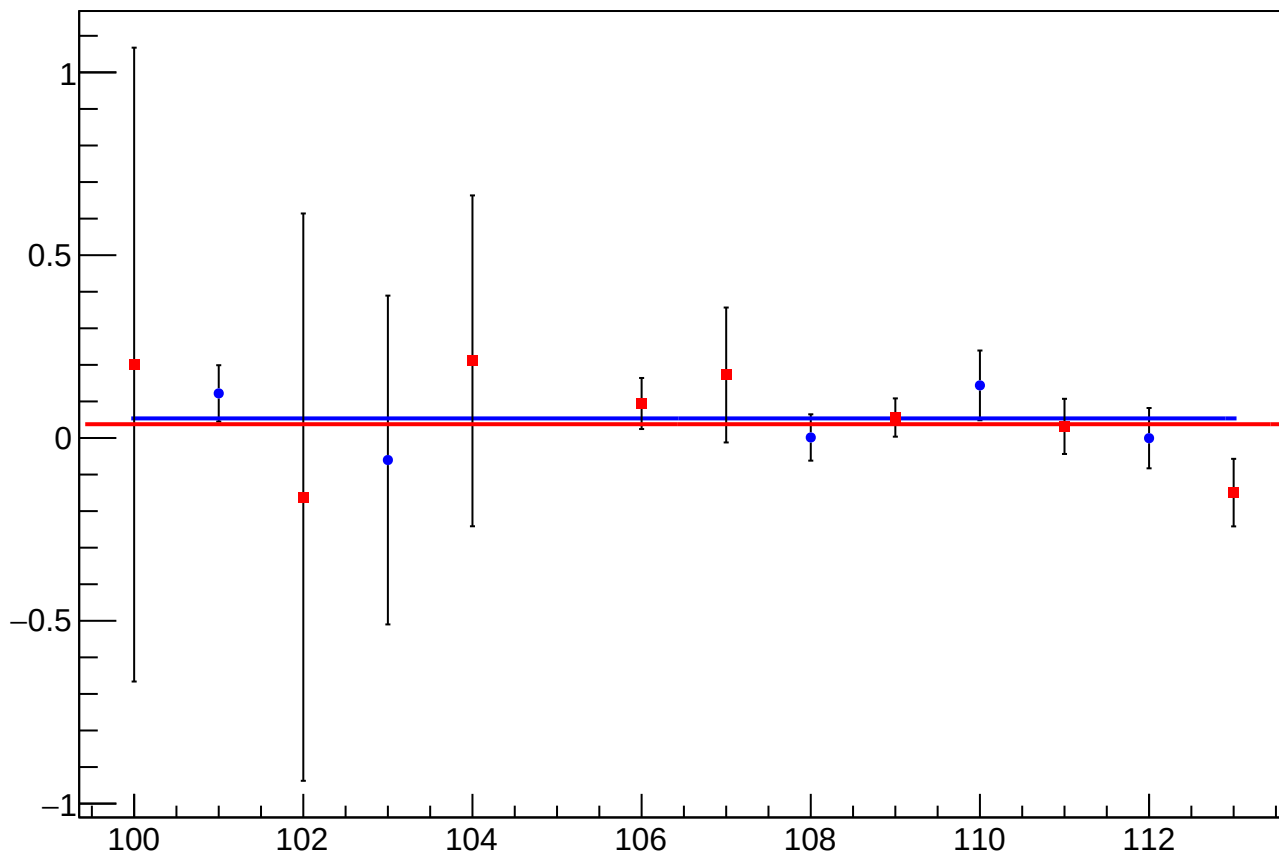
Right: 0.003+/-0.000 χ^2/NDF : 2285831.9/12

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 : 2285831.9/12

asym_at1_dd_at2_dd_avg_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: 0.038+/-0.033 χ^2/NDF : 5.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

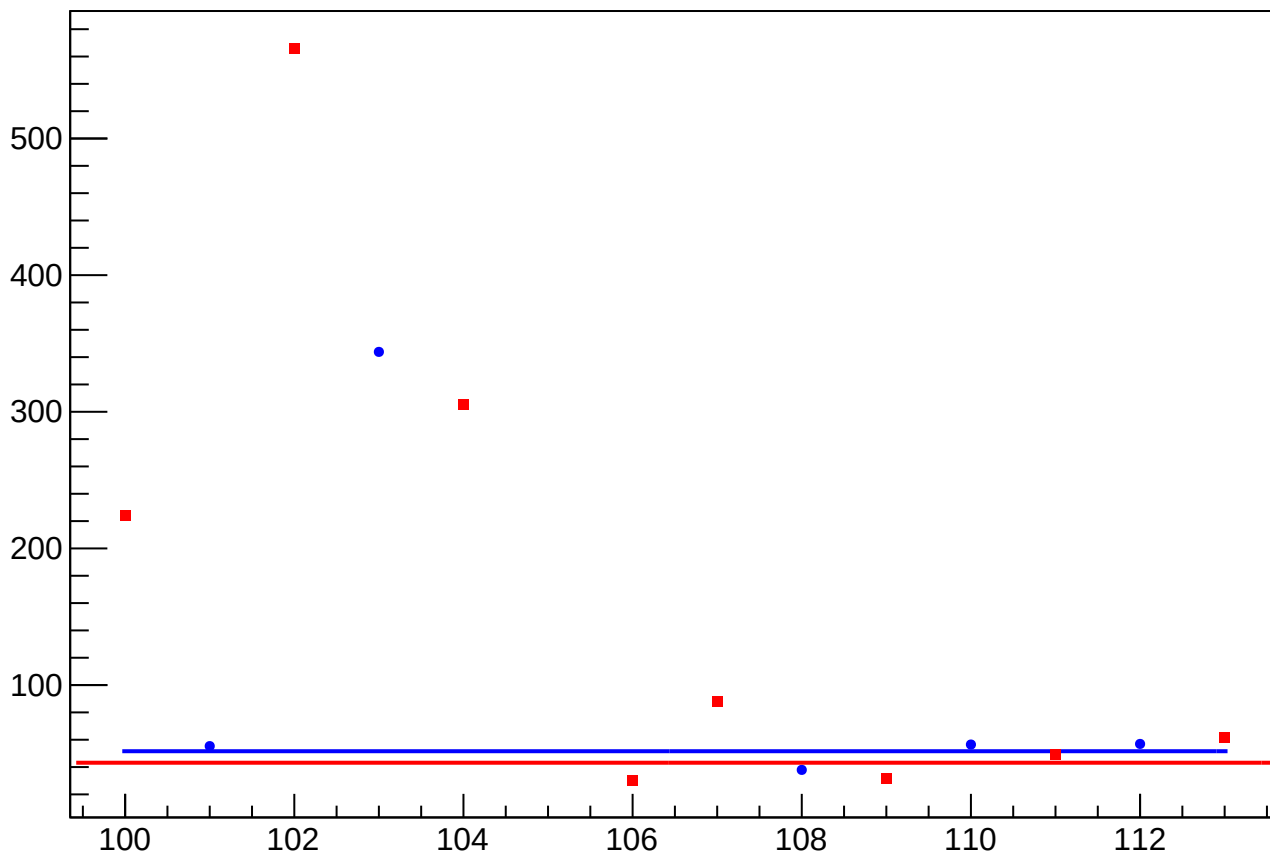
Right: 0.045+/-0.025 χ^2/NDF : 8.6/12

In: 0.054+/-0.038 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.045+/-0.025 χ^2/NDF : 8.6/12

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: 43.168+/-0.024 χ^2/NDF : 2052043.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

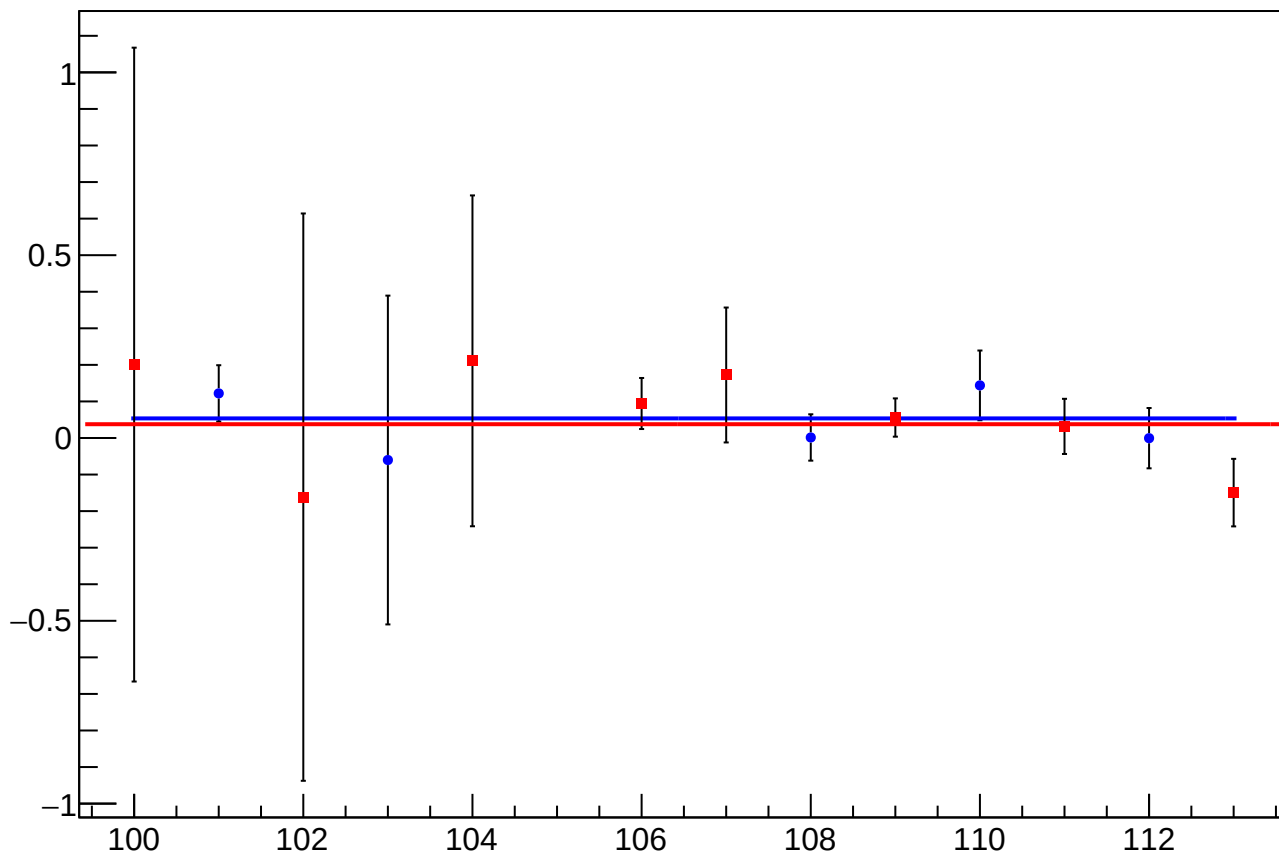
Right: 46.790+/-0.018 χ^2/NDF : 3063145.0/12

In: 51.589+/-0.027 χ^2/NDF : 956186.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.790+/-0.018 χ^2/NDF : 3063145.0/12

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: 0.038+/-0.033 χ^2/NDF : 5.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

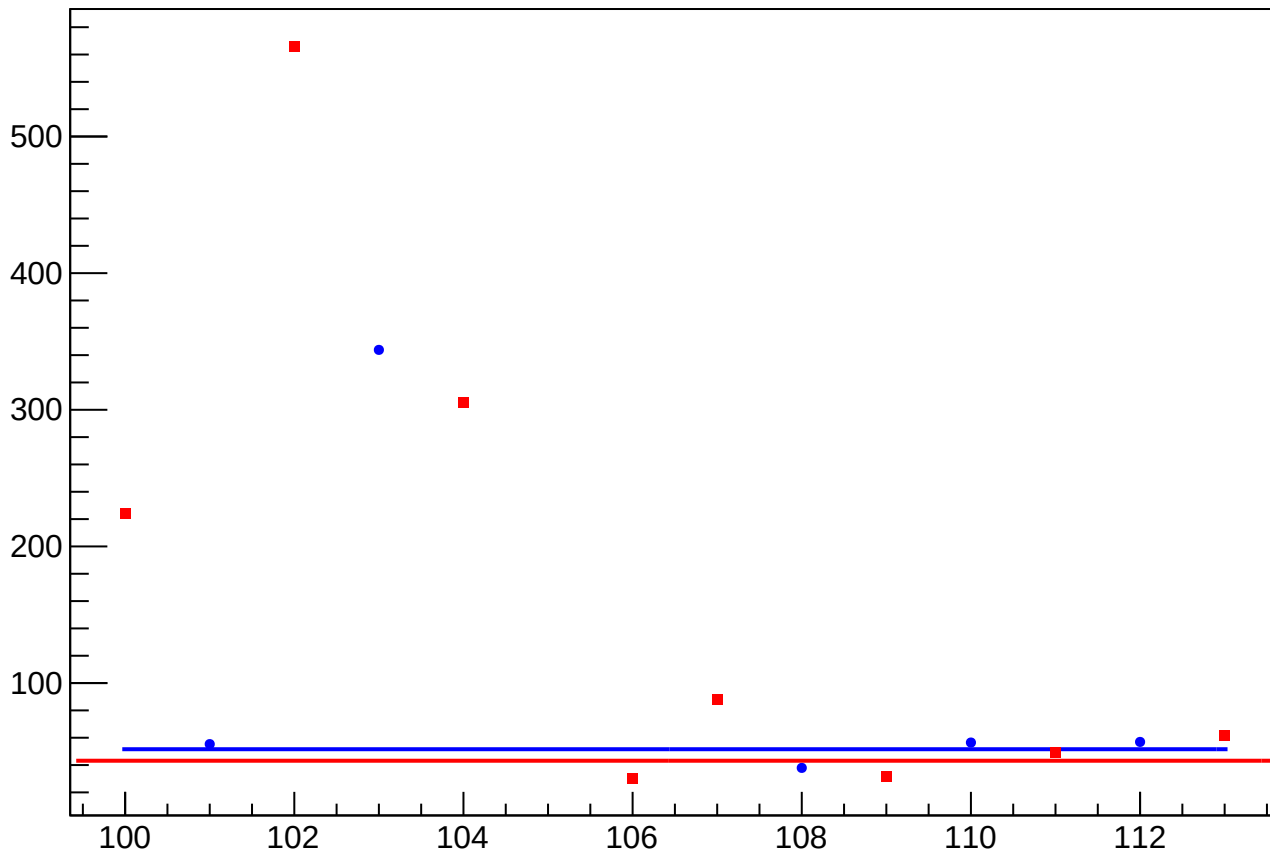
Right: 0.045+/-0.025 χ^2/NDF : 8.6/12

In: 0.054+/-0.038 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.045+/-0.025 χ^2/NDF : 8.6/12

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: 43.168+/-0.024 χ^2/NDF : 2052043.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

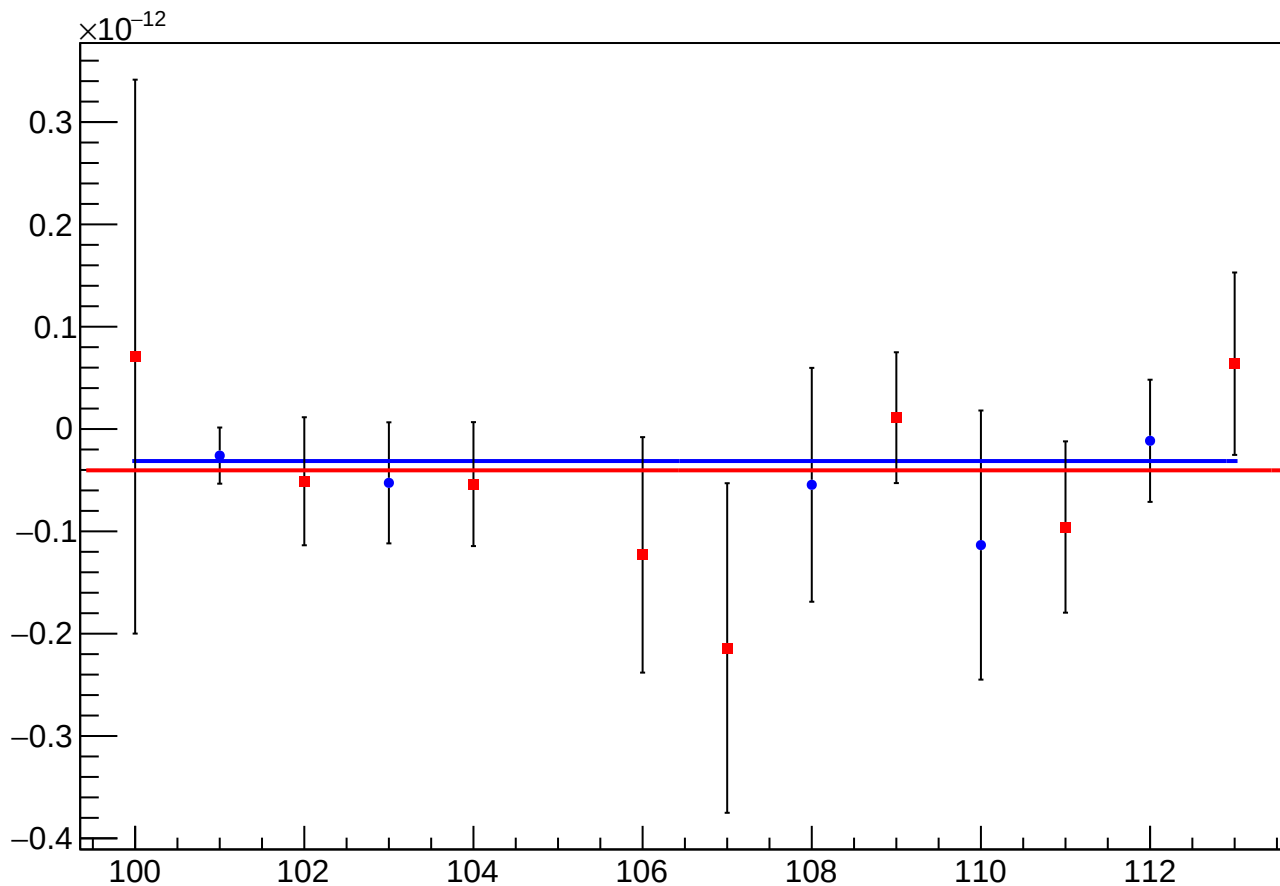
Right: 46.790+/-0.018 χ^2/NDF : 3063145.0/12

In: 51.589+/-0.027 χ^2/NDF : 956186.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.790+/-0.018 χ^2/NDF : 3063145.0/12

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 : 4.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

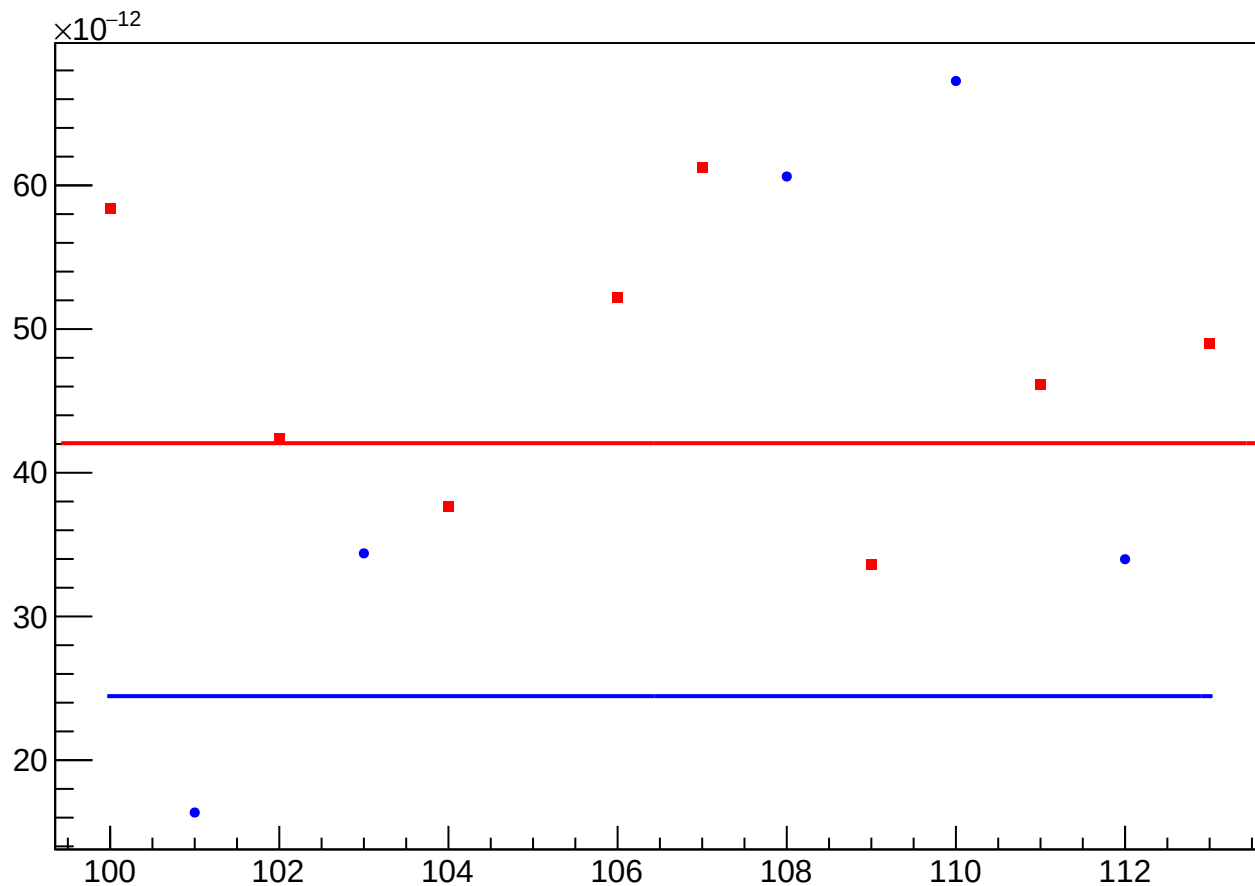
Right: -0.000+/-0.000 χ^2/NDF : 5.1/12

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 : 5.1/12

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 : 113758.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

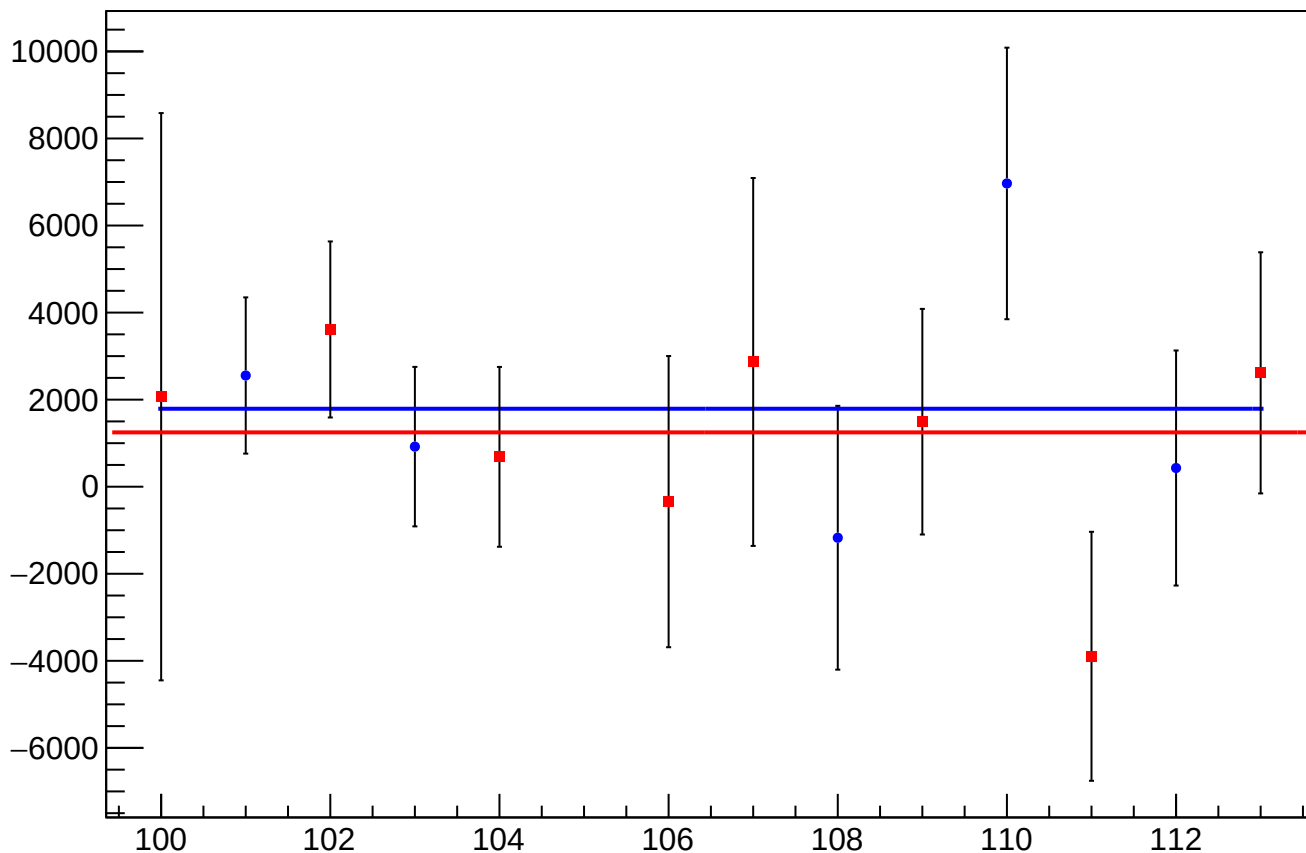
Right: 0.000+/-0.000 χ^2/NDF : 1267390.6/12

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 : 1267390.6/12

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: 1248.075+/-976.228 χ^2/NDF : 5.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

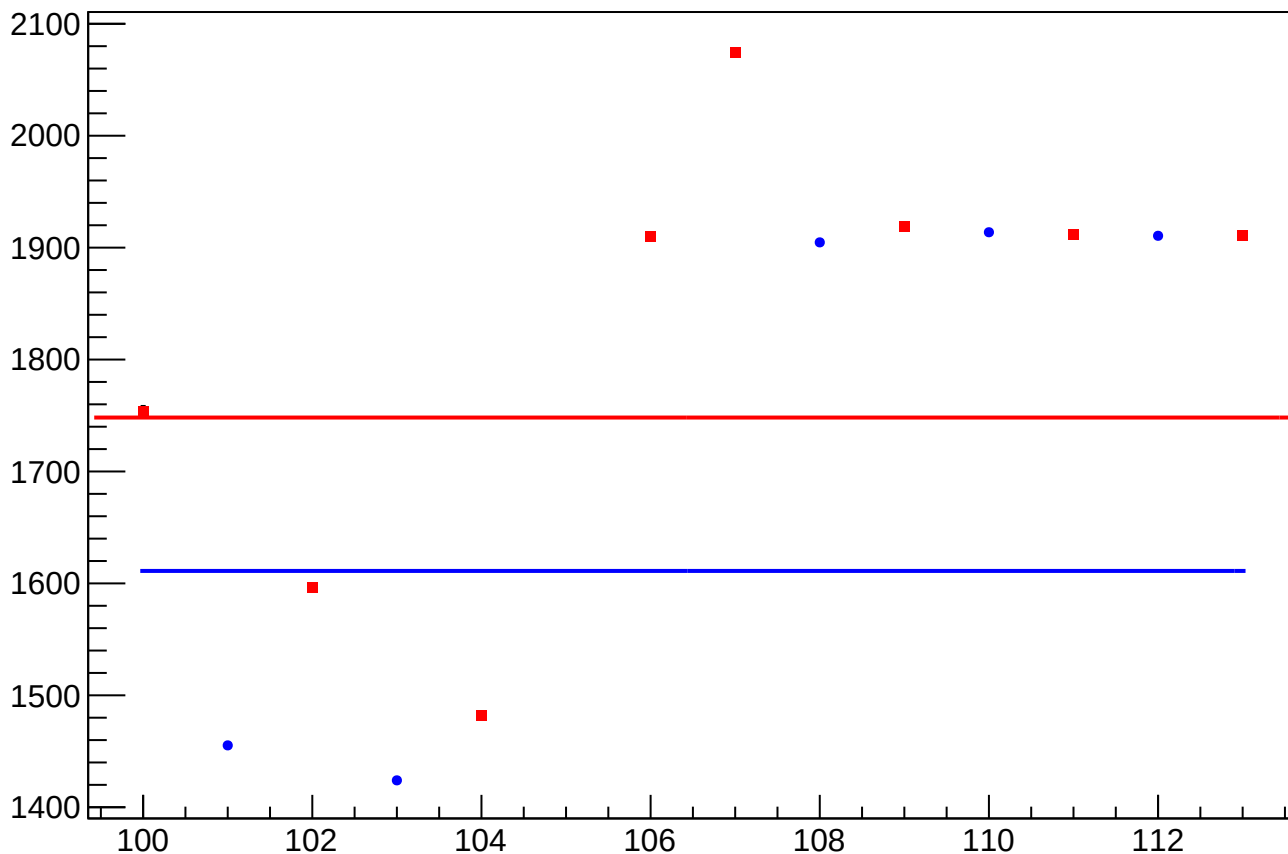
Right: 1507.181+/-705.934 χ^2/NDF : 9.8/12

In: 1791.171+/-1022.030 χ^2/NDF : 4.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1507.181+/-705.934 χ^2/NDF : 9.8/12

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: 1748.190+/-0.690 χ^2/NDF : 83228.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

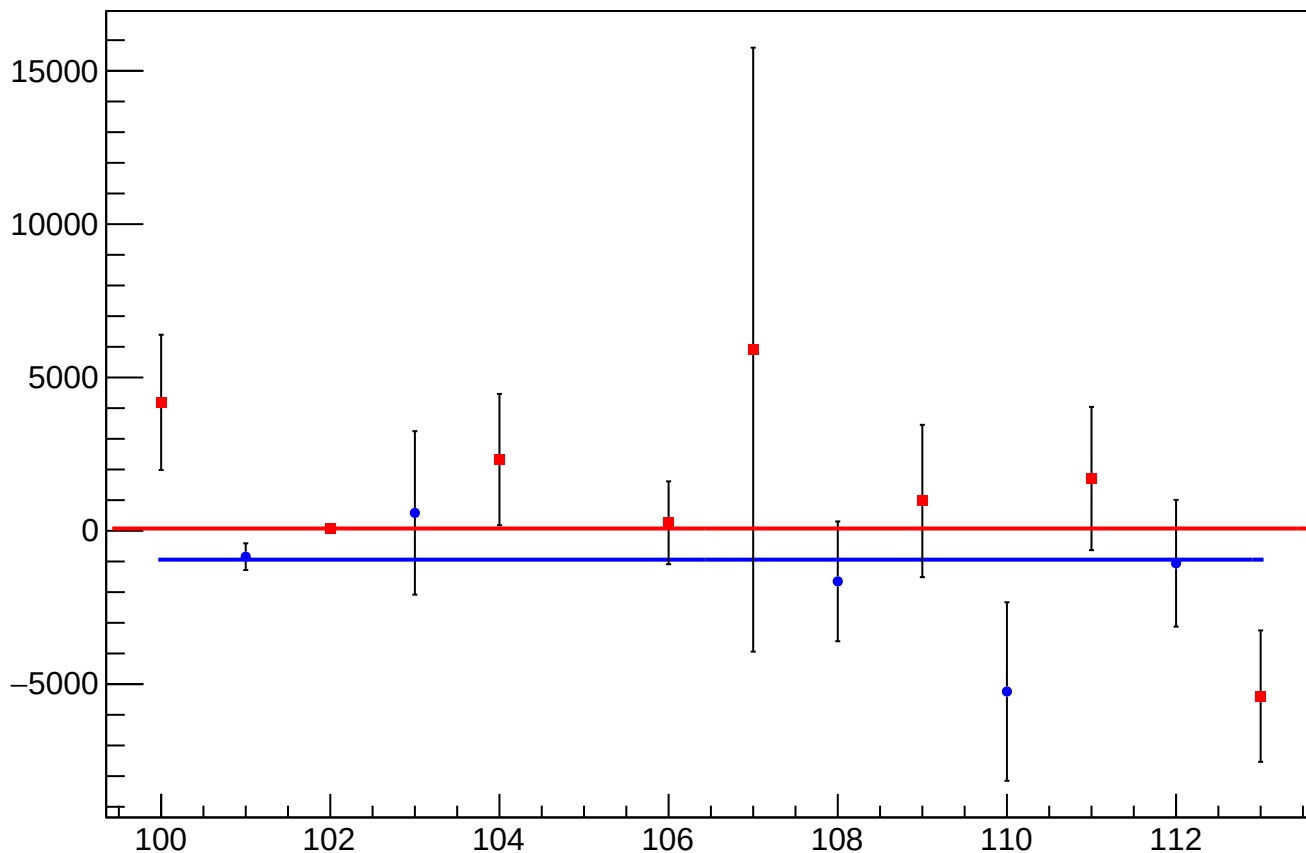
Right: 1682.805+/-0.499 χ^2/NDF : 200185.7/12

In: 1611.140+/-0.723 χ^2/NDF : 98152.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1682.805+/-0.499 χ^2/NDF : 200185.7/12

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: 75.358+/-135.762 χ^2/NDF : 12.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

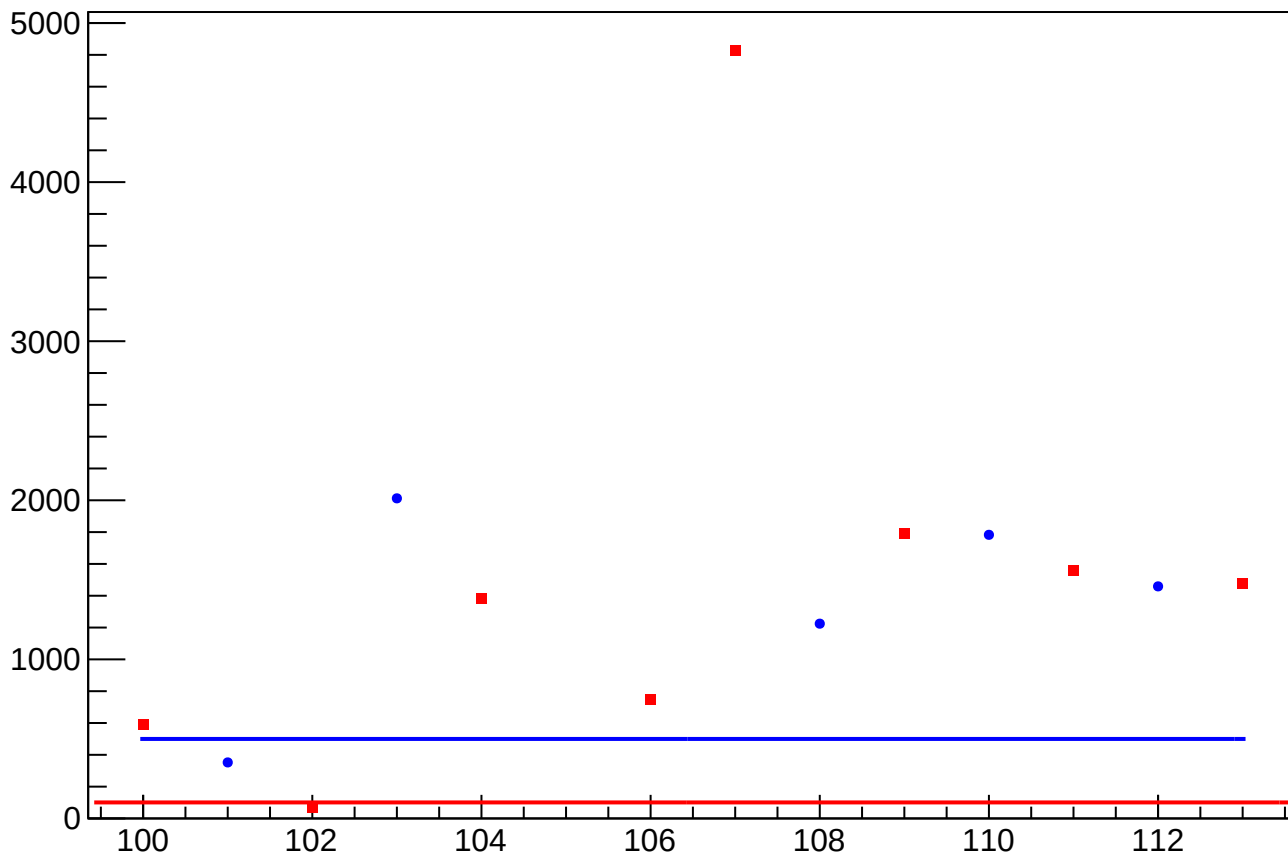
Right: -26.172+/-128.793 χ^2/NDF : 20.4/12

In: -939.739+/-407.239 χ^2/NDF : 2.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.172+/-128.793 χ^2/NDF : 20.4/12

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: 100.740+/-0.096 χ^2/NDF : 4368508.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

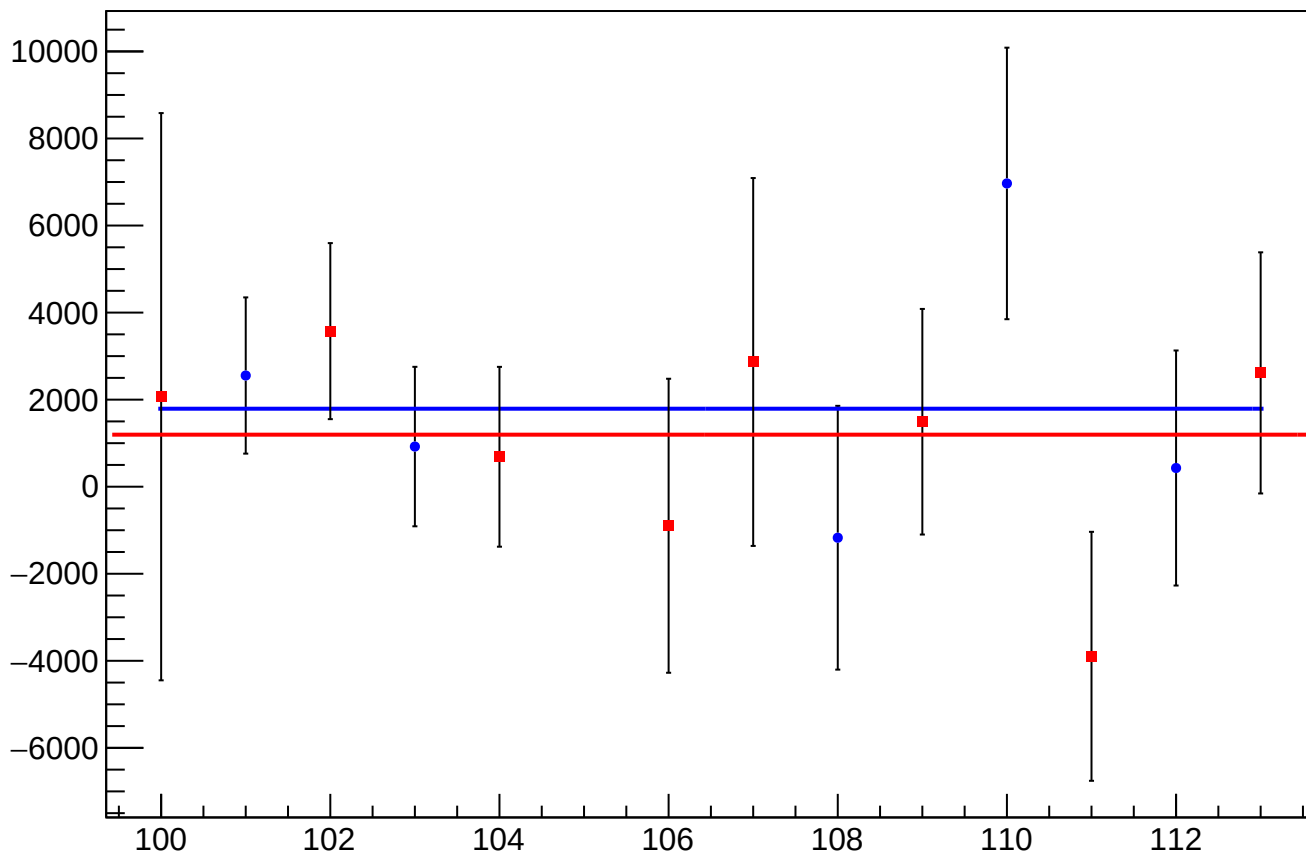
Right: 140.656+/-0.091 χ^2/NDF : 8064989.8/12

In: 499.821+/-0.288 χ^2/NDF : 1967919.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.656+/-0.091 χ^2/NDF : 8064989.8/12

cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1791.665 $\pm$ 1022.030 χ^2 /NDF: 4.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1195.303 $\pm$ 977.051 χ^2 /NDF: 5.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

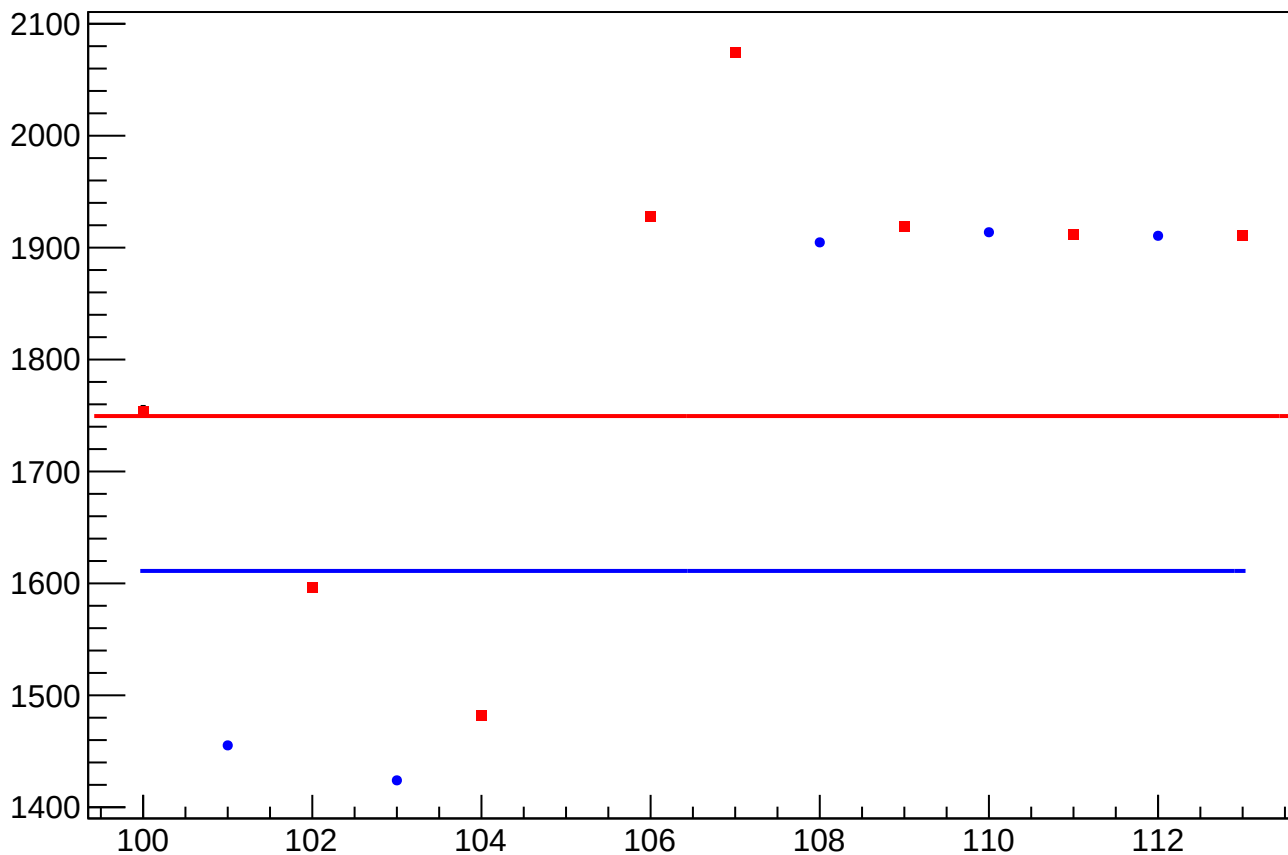
Right: 1480.073 $\pm$ 706.245 χ^2 /NDF: 10.0/12

In: 1791.665 $\pm$ 1022.030 χ^2 /NDF:4.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1480.073 $\pm$ 706.245 χ^2 /NDF: 10.0/12

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: 1749.518+/-0.691 χ^2/NDF : 84201.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

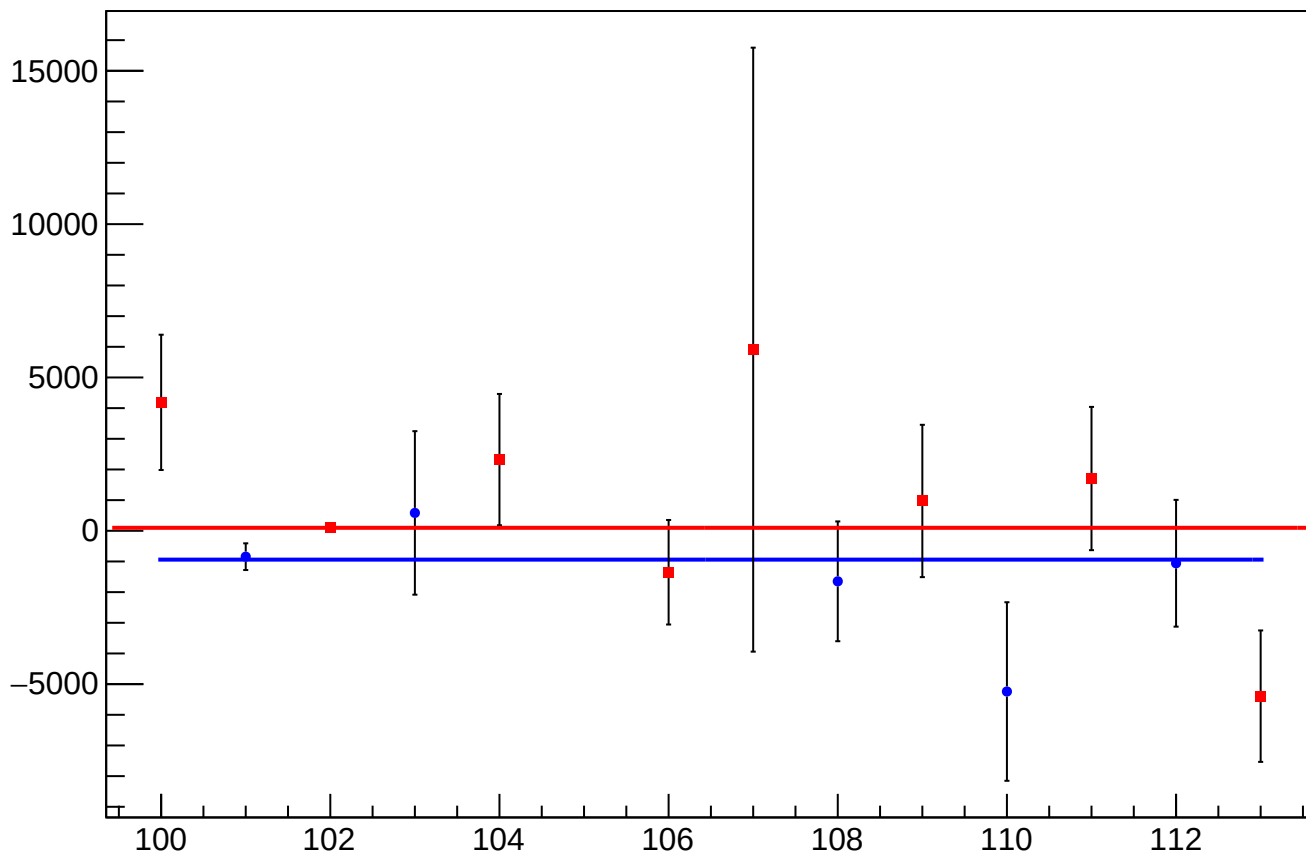
Right: 1683.441+/-0.499 χ^2/NDF : 201509.2/12

In: 1611.141+/-0.723 χ^2/NDF : 98152.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1683.441+/-0.499 χ^2/NDF : 201509.2/12

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: 97.771+/-148.512 χ^2/NDF : 12.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

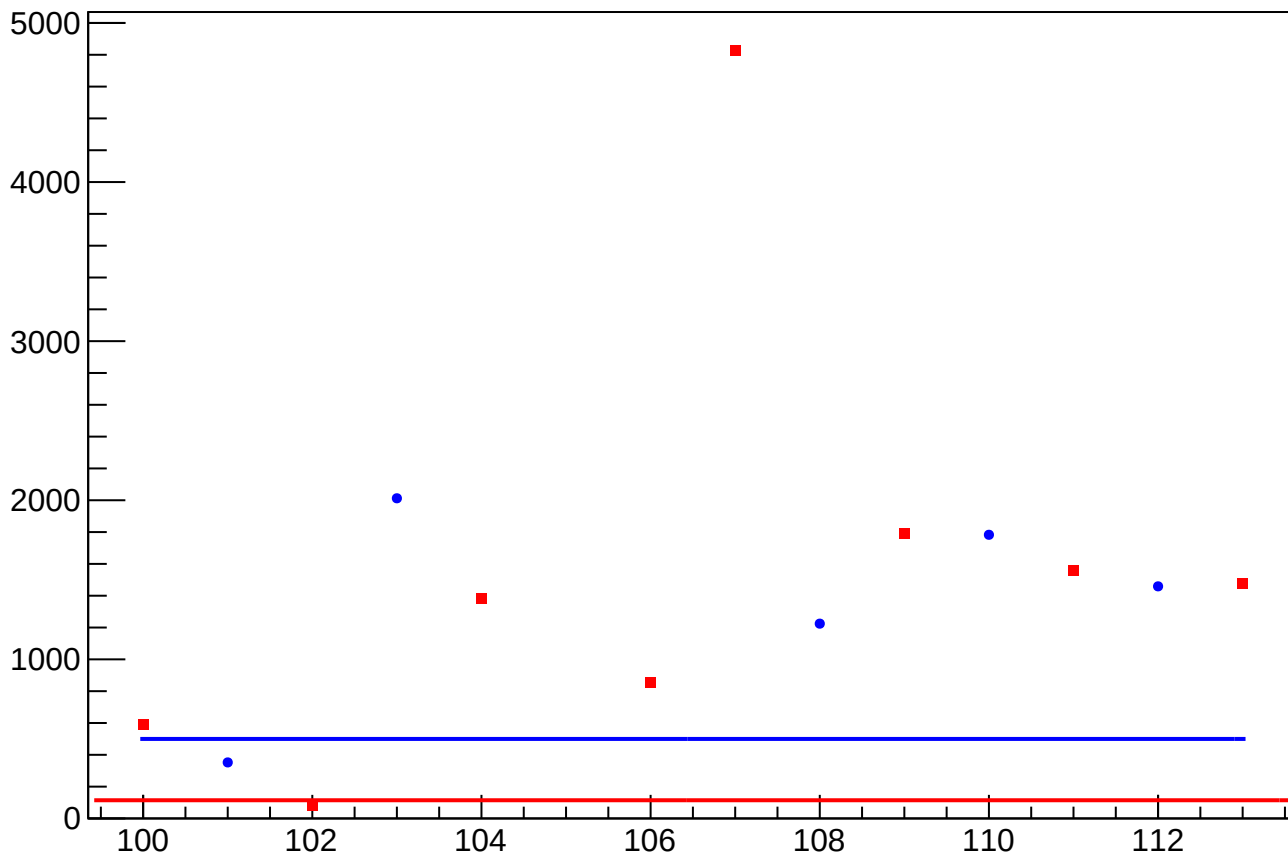
Right: -24.022+/-139.524 χ^2/NDF : 21.2/12

In: -939.818+/-407.239 χ^2/NDF : 2.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.022+/-139.524 χ^2/NDF : 21.2/12

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: 114.412+/-0.105 χ^2/NDF : 4219706.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

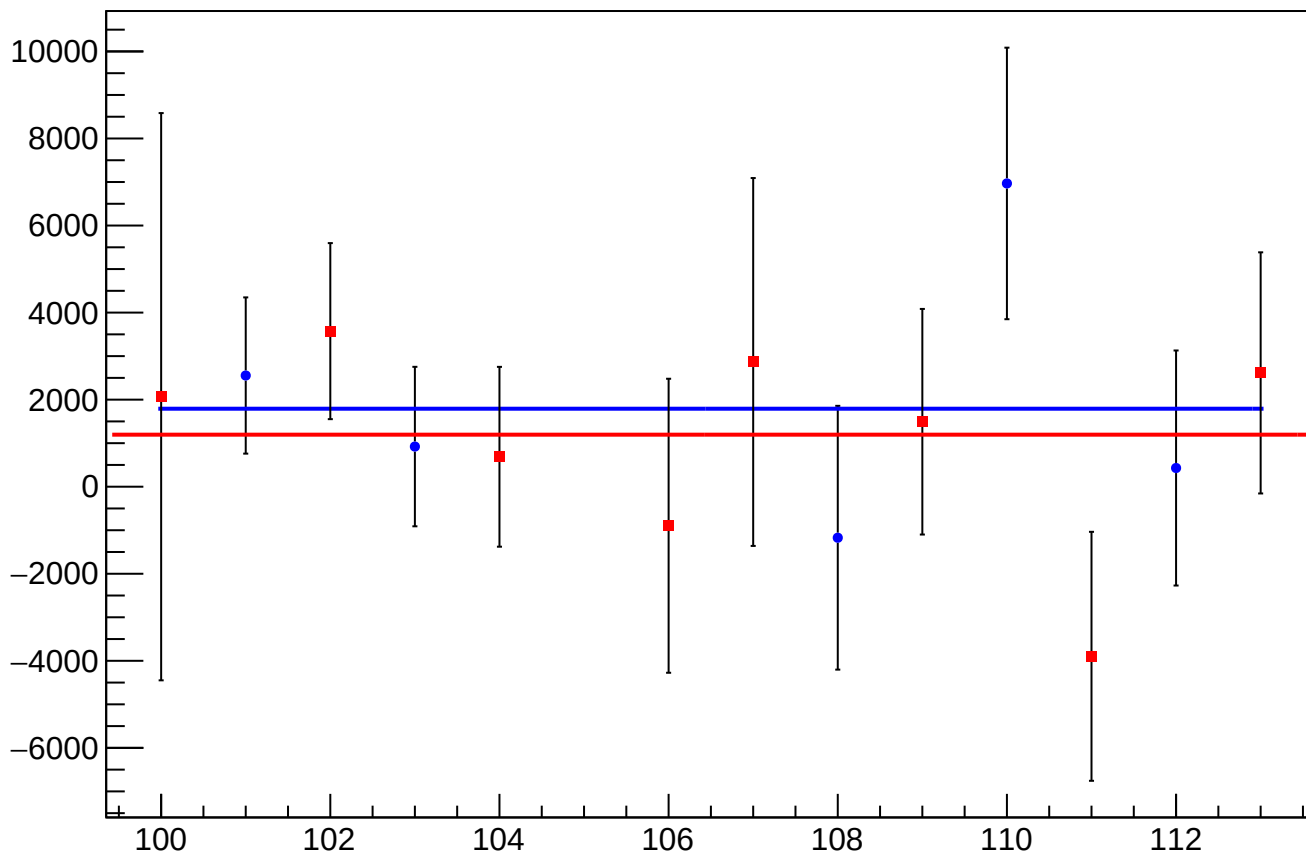
Right: 159.651+/-0.099 χ^2/NDF : 7768671.0/12

In: 499.817+/-0.288 χ^2/NDF : 1967933.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.651+/-0.099 χ^2/NDF : 7768671.0/12

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: 1195.303+/-977.051 χ^2/NDF : 5.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

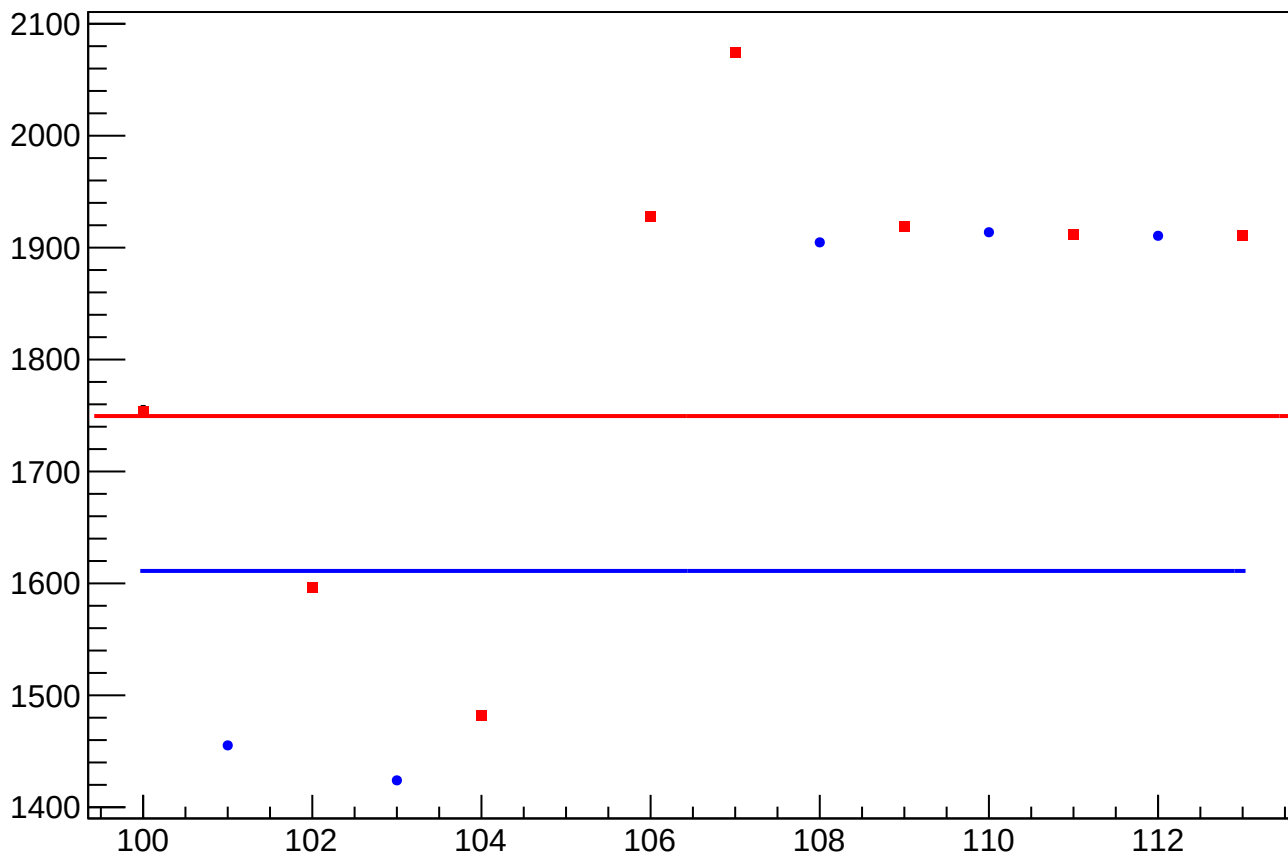
Right: 1480.073+/-706.245 χ^2/NDF : 10.0/12

In: 1791.665+/-1022.030 χ^2/NDF : 4.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1480.073+/-706.245 χ^2/NDF : 10.0/12

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: 1749.518+/-0.691 χ^2/NDF : 84201.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

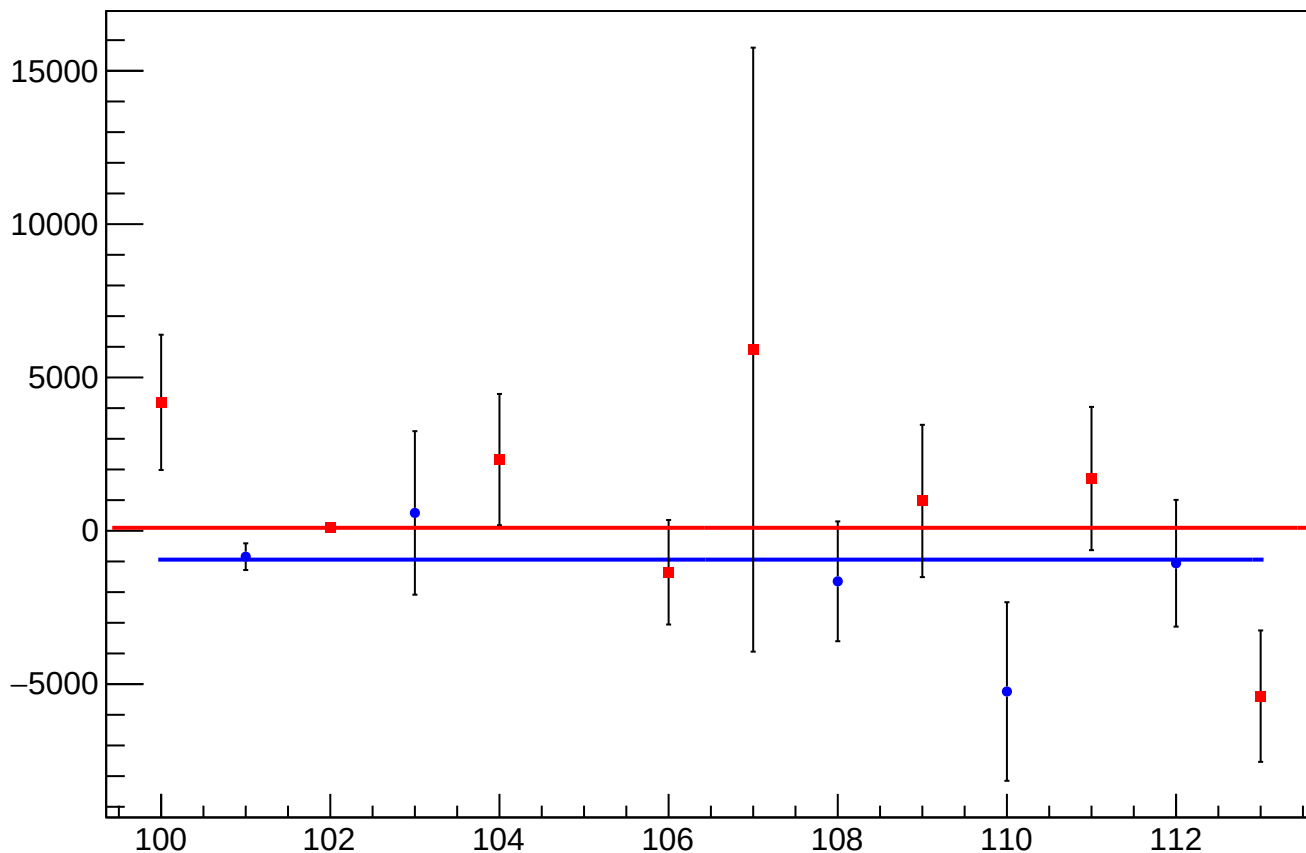
Right: 1683.441+/-0.499 χ^2/NDF : 201509.2/12

In: 1611.141+/-0.723 χ^2/NDF : 98152.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1683.441+/-0.499 χ^2/NDF : 201509.2/12

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: 97.771+/-148.512 χ^2/NDF : 12.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

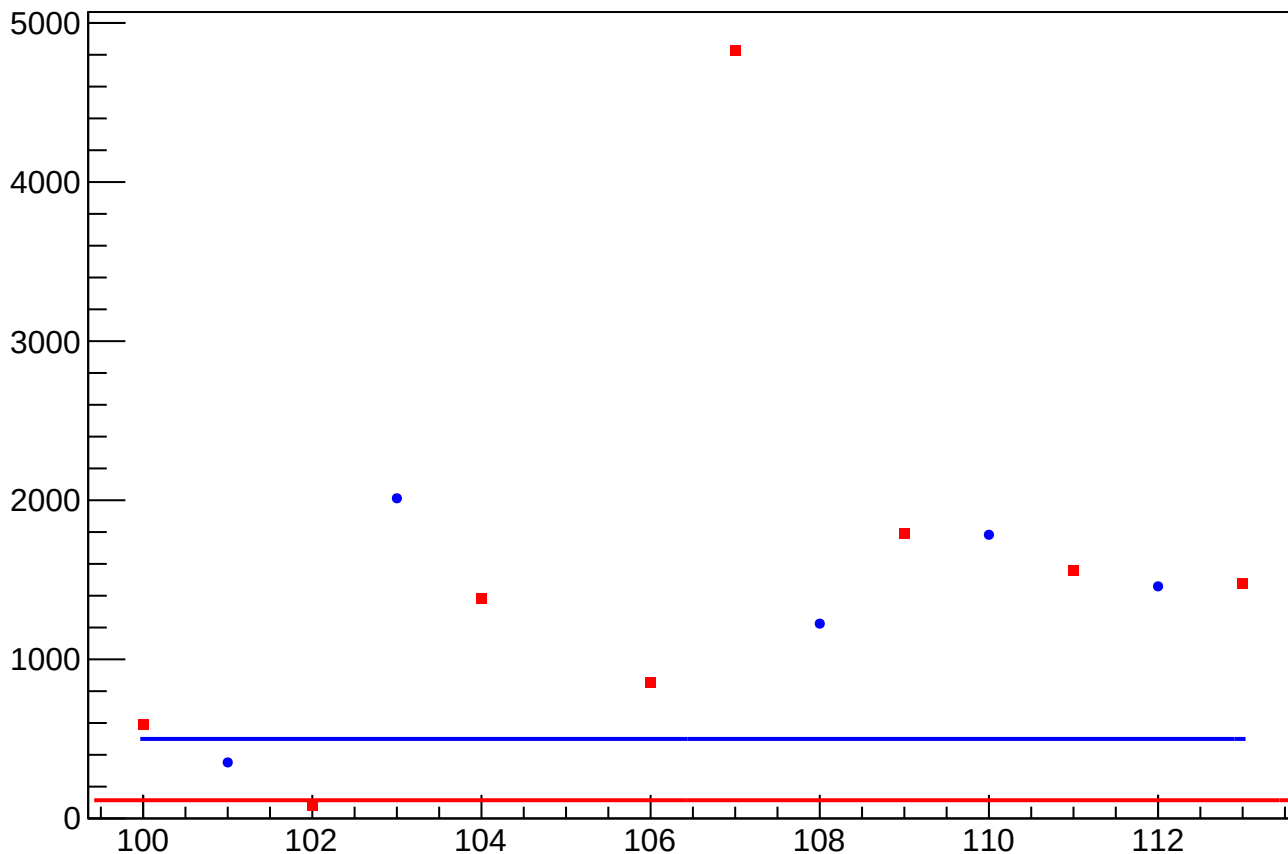
Right: -24.022+/-139.524 χ^2/NDF : 21.2/12

In: -939.818+/-407.239 χ^2/NDF : 2.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.022+/-139.524 χ^2/NDF : 21.2/12

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: 114.412+/-0.105 χ^2/NDF : 4219706.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

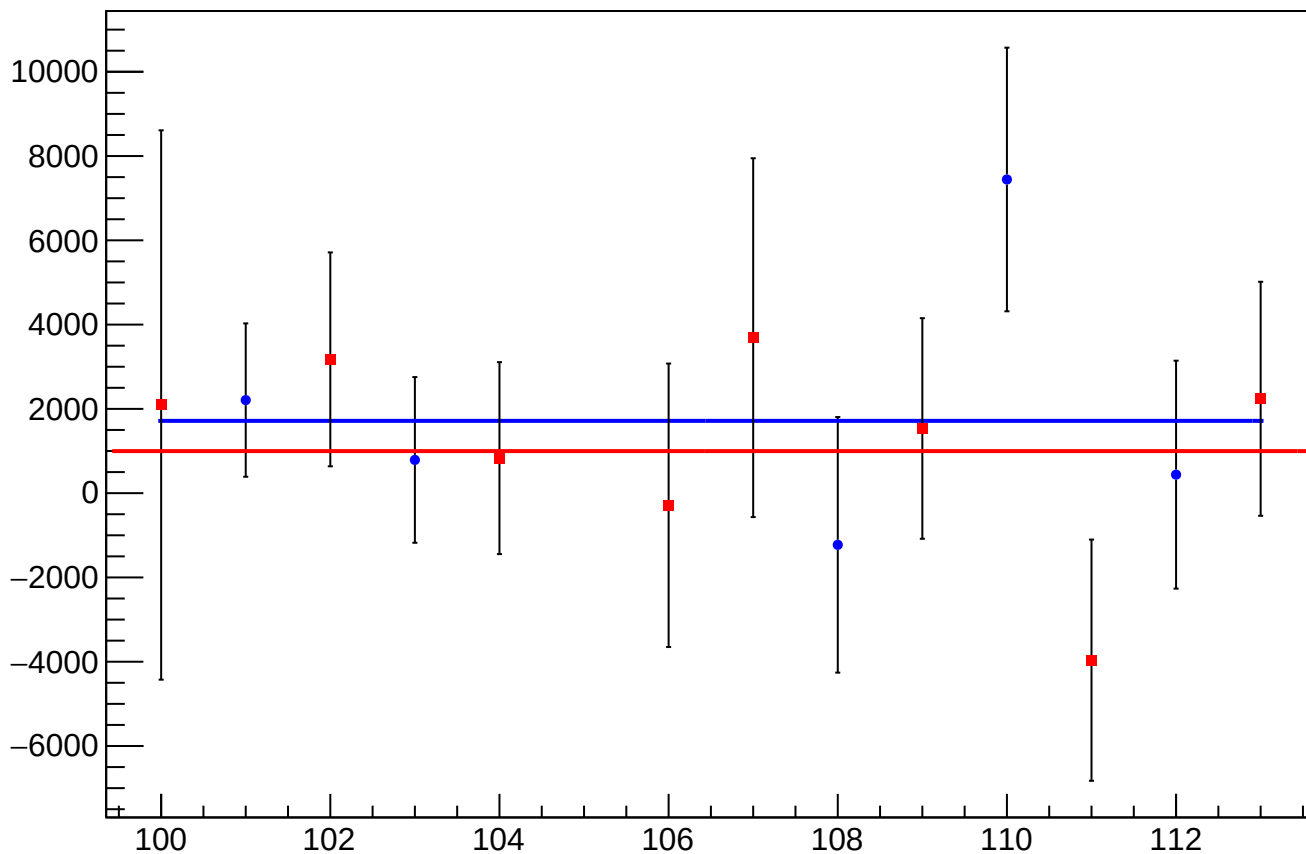
Right: 159.651+/-0.099 χ^2/NDF : 7768671.0/12

In: 499.817+/-0.288 χ^2/NDF : 1967933.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.651+/-0.099 χ^2/NDF : 7768671.0/12

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: 998.062+/-1046.597 χ^2/NDF : 4.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

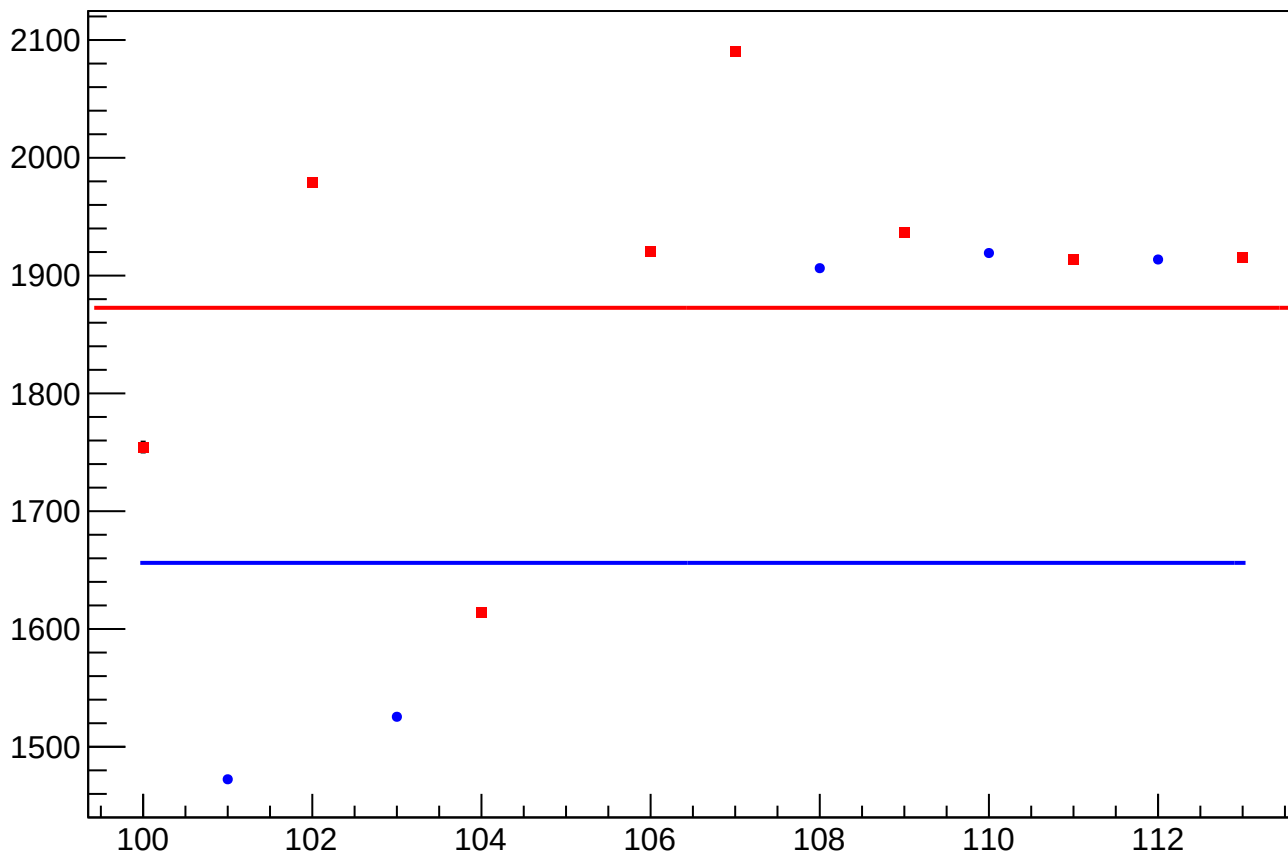
Right: 1356.038+/-740.969 χ^2/NDF : 9.6/12

In: 1715.788+/-1049.186 χ^2/NDF : 4.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1356.038+/-740.969 χ^2/NDF : 9.6/12

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: 1872.665+/-0.740 χ^2/NDF : 37734.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

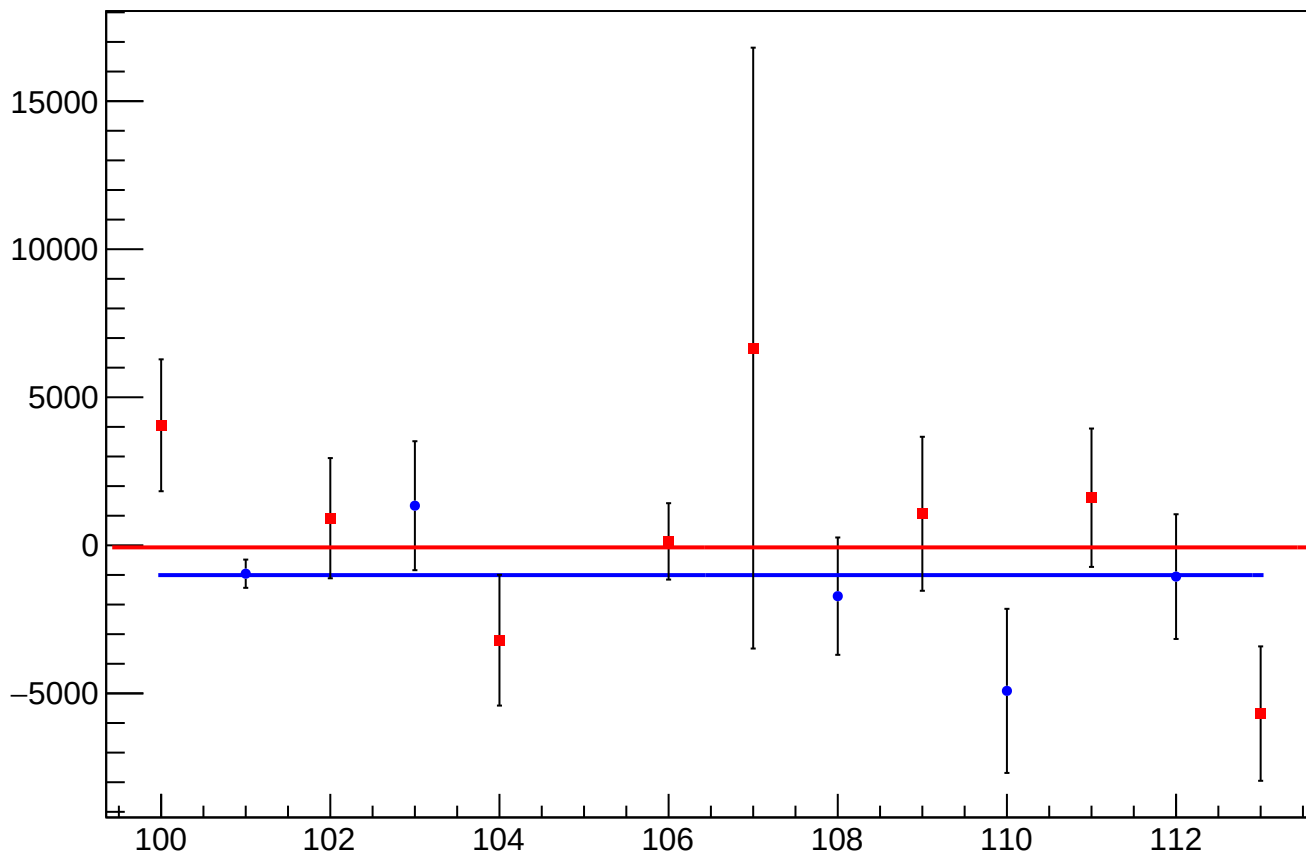
Right: 1764.671+/-0.524 χ^2/NDF : 155540.1/12

In: 1656.143+/-0.742 χ^2/NDF : 75111.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1764.671+/-0.524 χ^2/NDF : 155540.1/12

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: -69.231+/-748.371 χ^2/NDF : 13.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

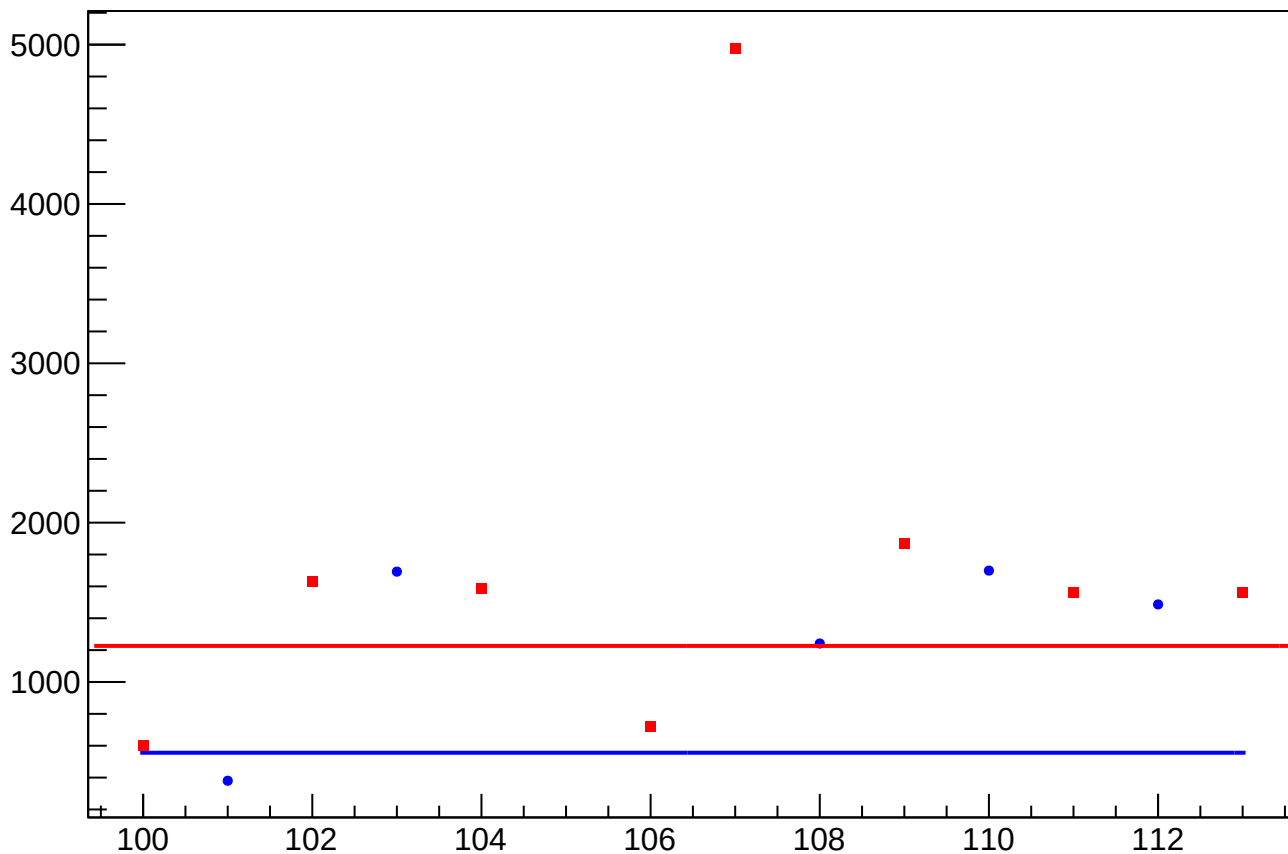
Right: -766.927+/-377.855 χ^2/NDF : 17.4/12

In: -1005.644+/-437.750 χ^2/NDF : 3.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -766.927+/-377.855 χ^2/NDF : 17.4/12

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: 1226.470+/-0.529 χ^2/NDF : 1076509.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

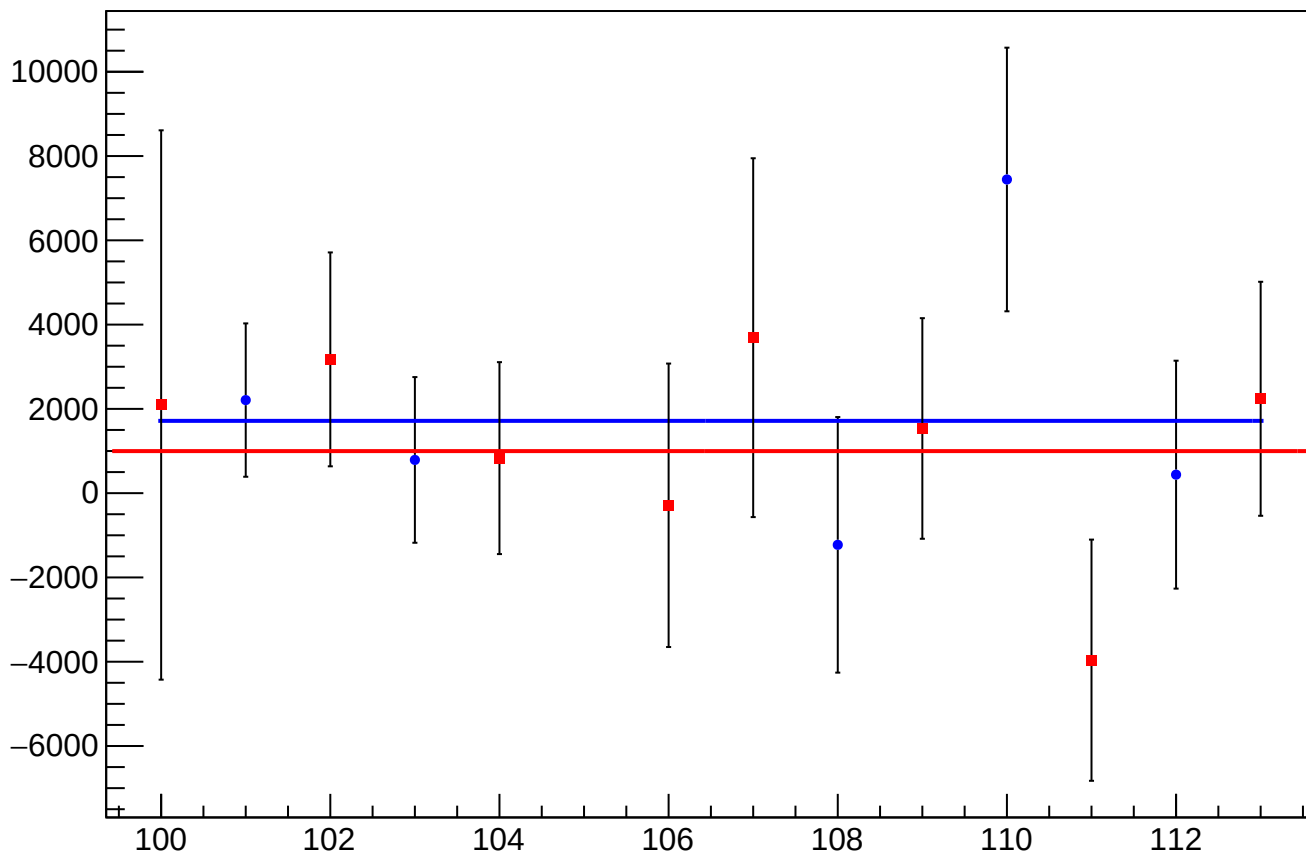
Right: 726.921+/-0.267 χ^2/NDF : 4059518.1/12

In: 555.999+/-0.310 χ^2/NDF : 1786943.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 726.921+/-0.267 χ^2/NDF : 4059518.1/12

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: 998.057+/-1046.596 χ^2/NDF : 4.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

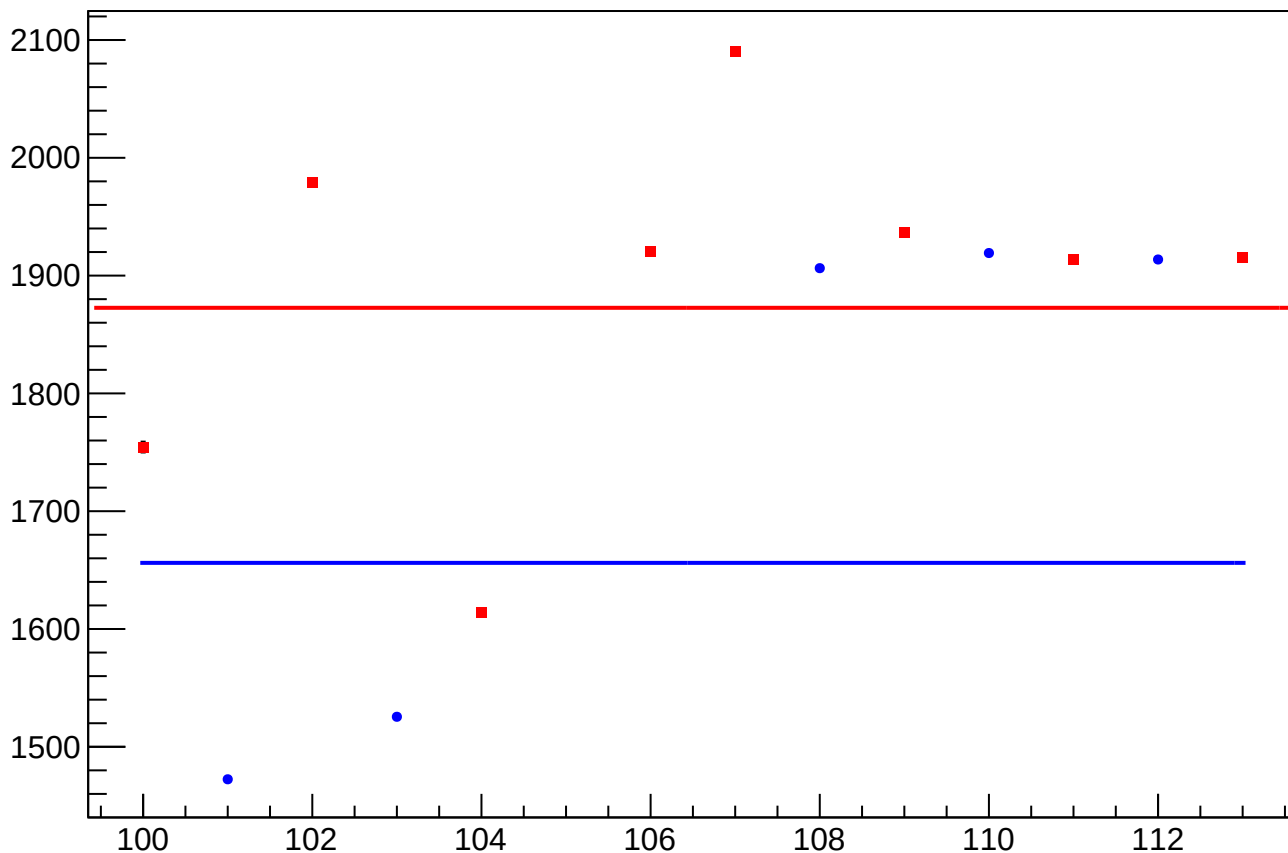
Right: 1356.034+/-740.969 χ^2/NDF : 9.6/12

In: 1715.784+/-1049.185 χ^2/NDF : 4.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1356.034+/-740.969 χ^2/NDF : 9.6/12

eigen_dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1656.142 $\pm$ 0.742 χ^2 /NDF: 75112.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1872.664 $\pm$ 0.740 χ^2 /NDF: 37734.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

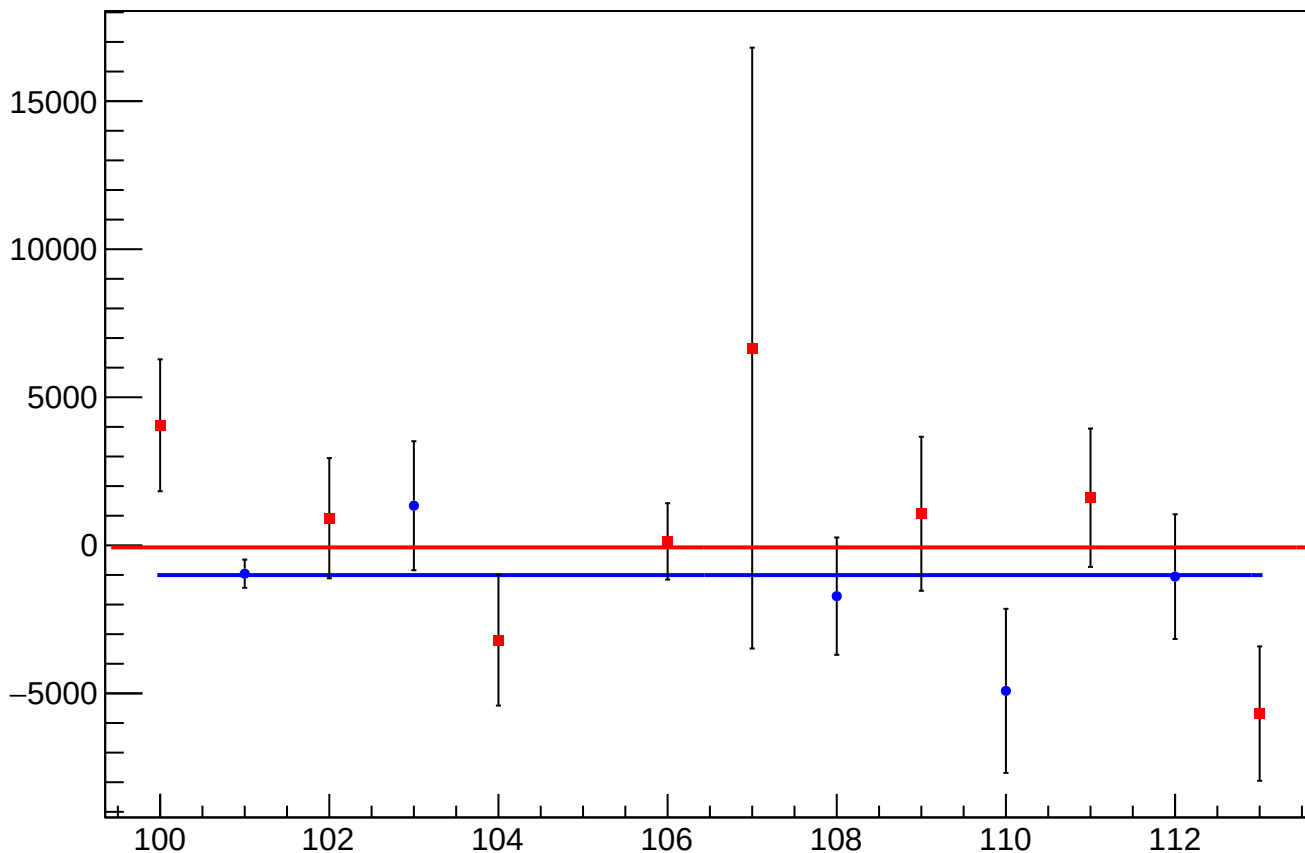
Right: 1764.670 $\pm$ 0.524 χ^2 /NDF: 155541.2/12

In: 1656.142 $\pm$ 0.742 χ^2 /NDF: 75112.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1764.670 $\pm$ 0.524 χ^2 /NDF: 155541.2/12

asym_usl_atl1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1005.648+/-437.750 χ^2/NDF : 3.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -69.232+/-748.372 χ^2/NDF : 13.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

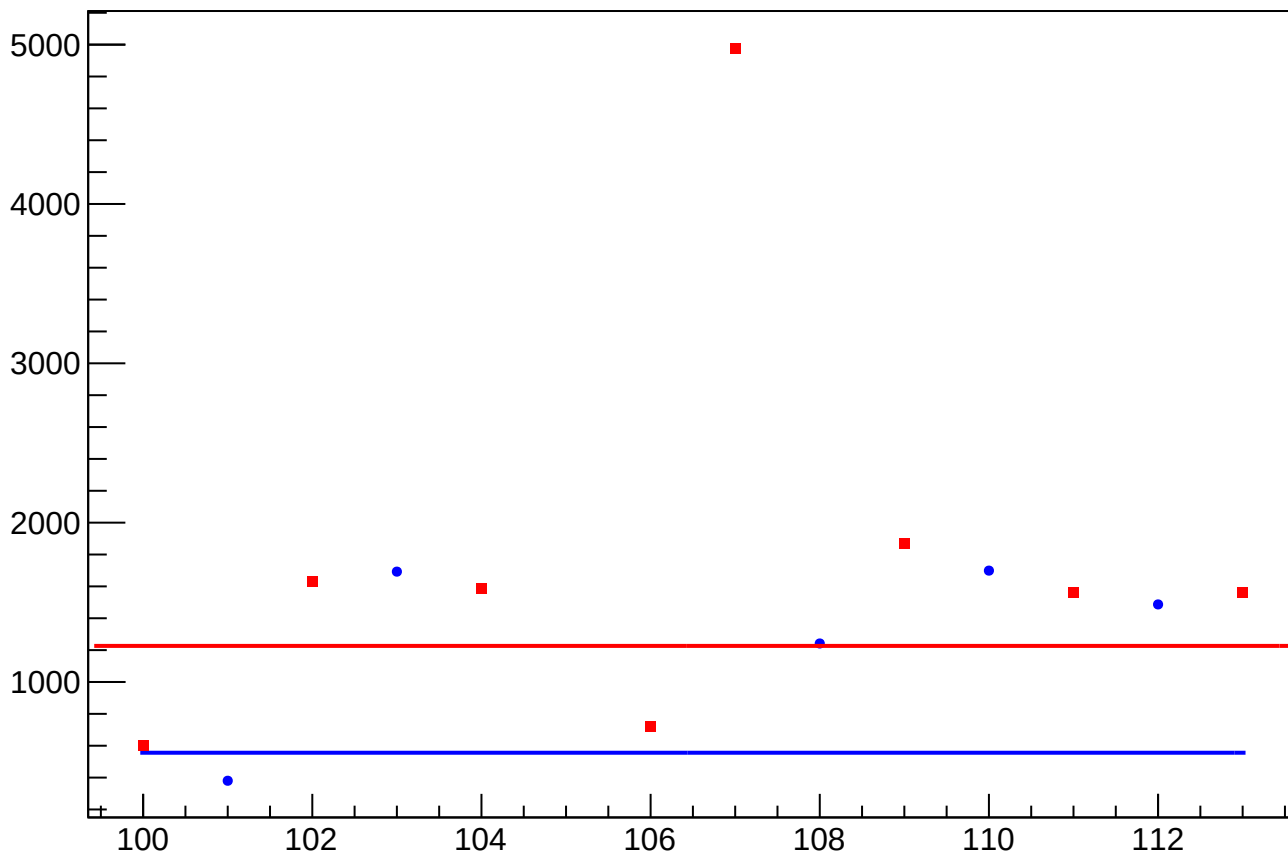
Right: -766.929+/-377.856 χ^2/NDF : 17.4/12

In: -1005.648+/-437.750 χ^2/NDF : 3.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -766.929+/-377.856 χ^2/NDF : 17.4/12

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: 1226.471+/-0.529 χ^2/NDF : 1076510.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

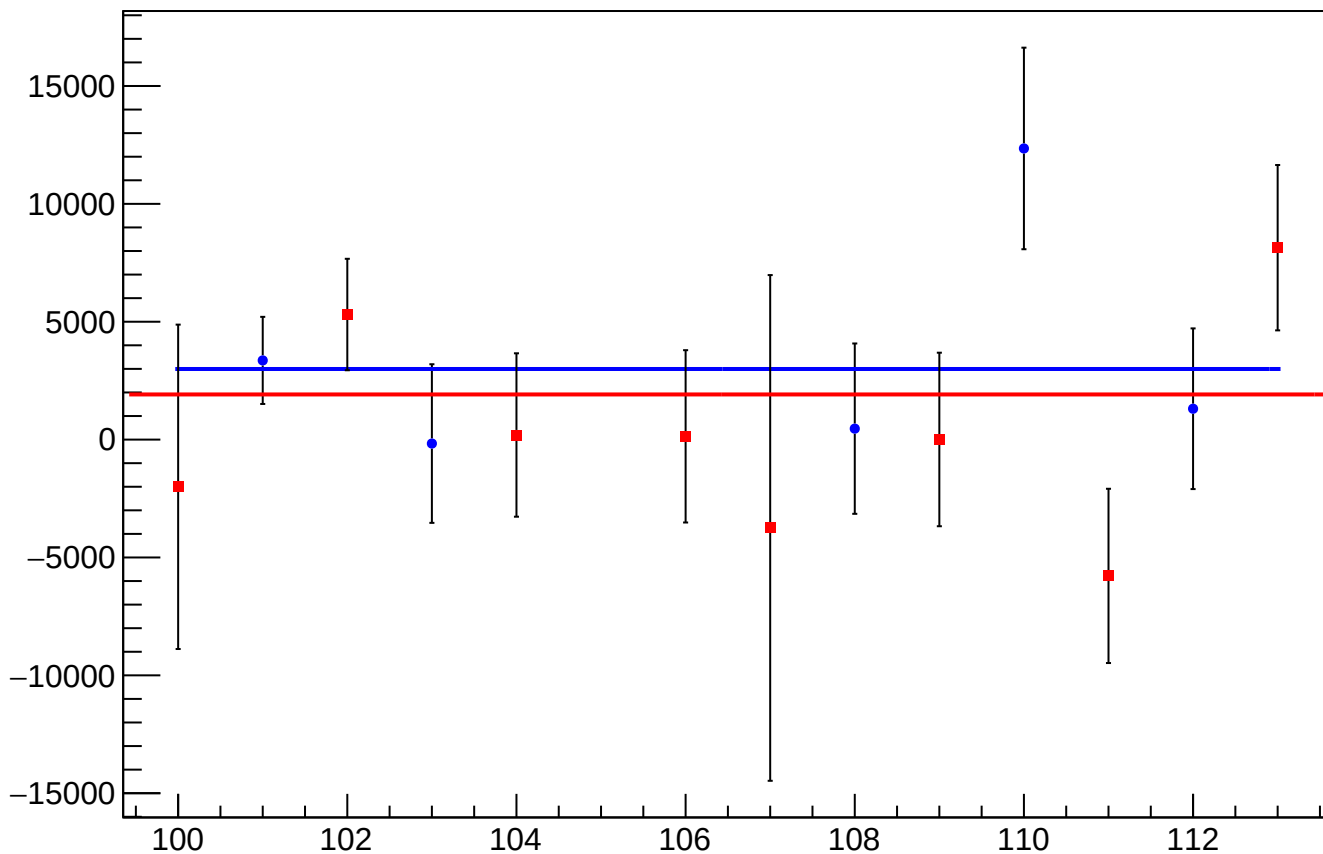
Right: 726.922+/-0.267 χ^2/NDF : 4059513.1/12

In: 556.000+/-0.310 χ^2/NDF : 1786941.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 726.922+/-0.267 χ^2/NDF : 4059513.1/12

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: 1915.555+/-1296.205 χ^2/NDF : 10.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

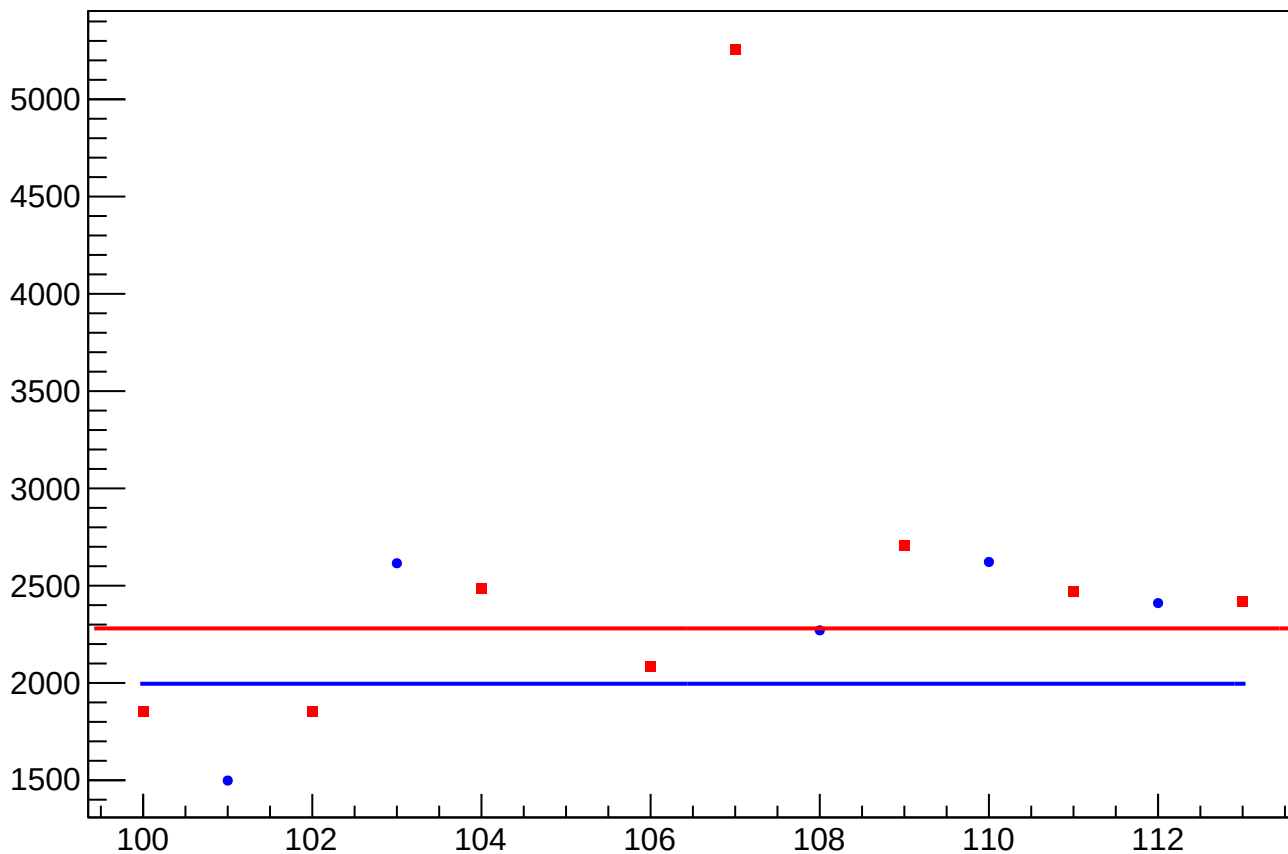
Right: 2457.022+/-915.233 χ^2/NDF : 17.7/12

In: 2995.378+/-1292.474 χ^2/NDF : 6.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2457.022+/-915.233 χ^2/NDF : 17.7/12

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: 2280.339+/-0.917 χ^2/NDF : 274669.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

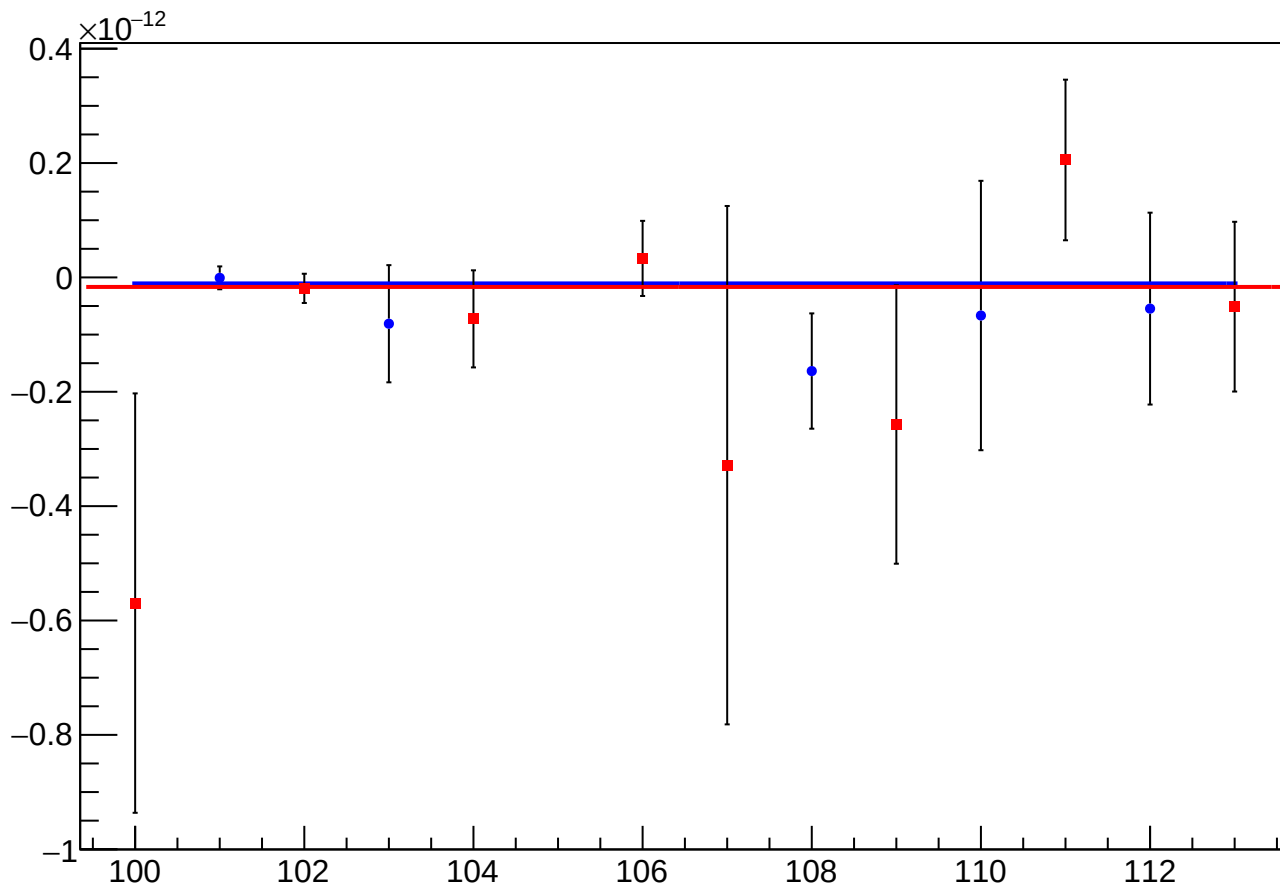
Right: 2137.738+/-0.647 χ^2/NDF : 619724.3/12

In: 1995.956+/-0.914 χ^2/NDF : 296781.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2137.738+/-0.647 χ^2/NDF : 619724.3/12

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 : 7.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

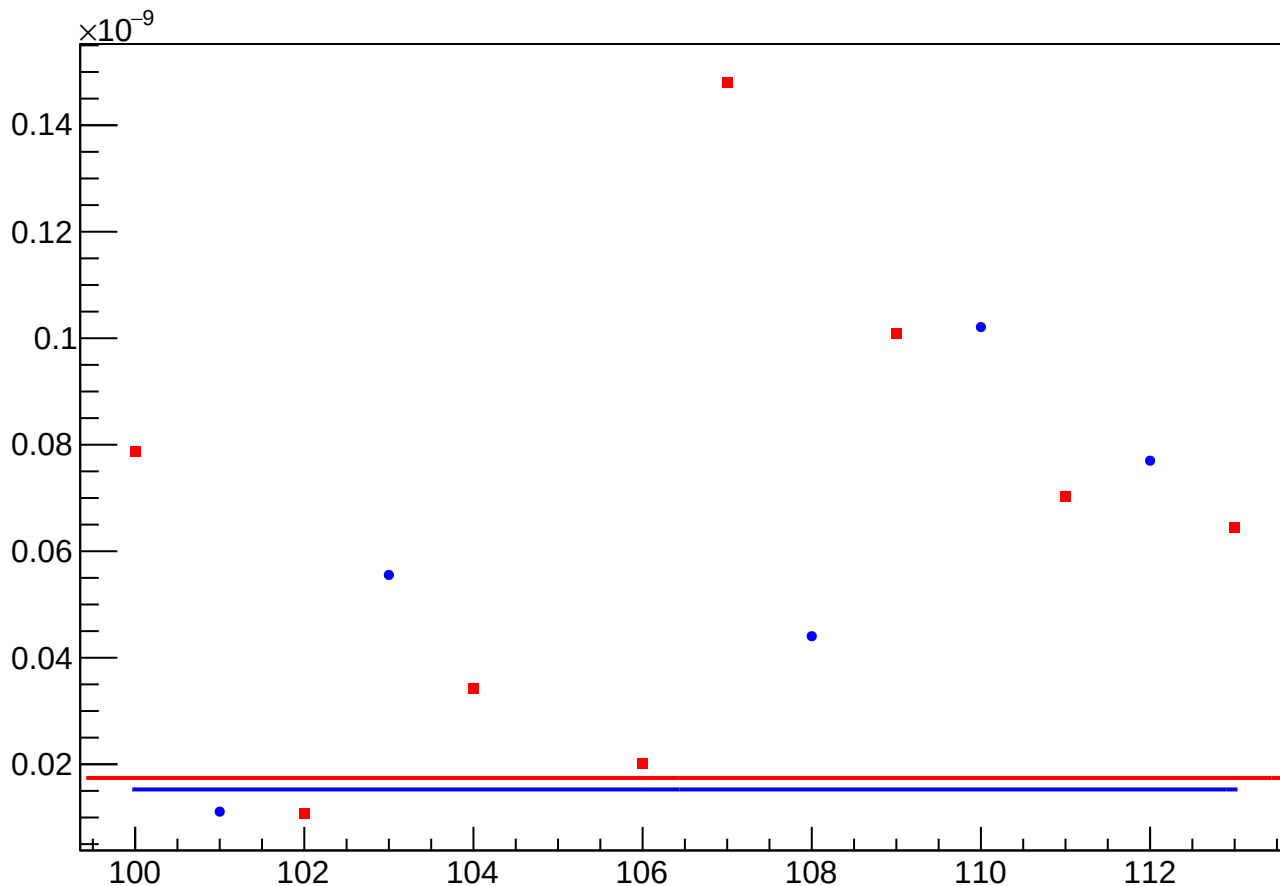
Right: -0.000+/-0.000 χ^2/NDF : 10.5/12

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 : 10.5/12

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 : 1161223.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

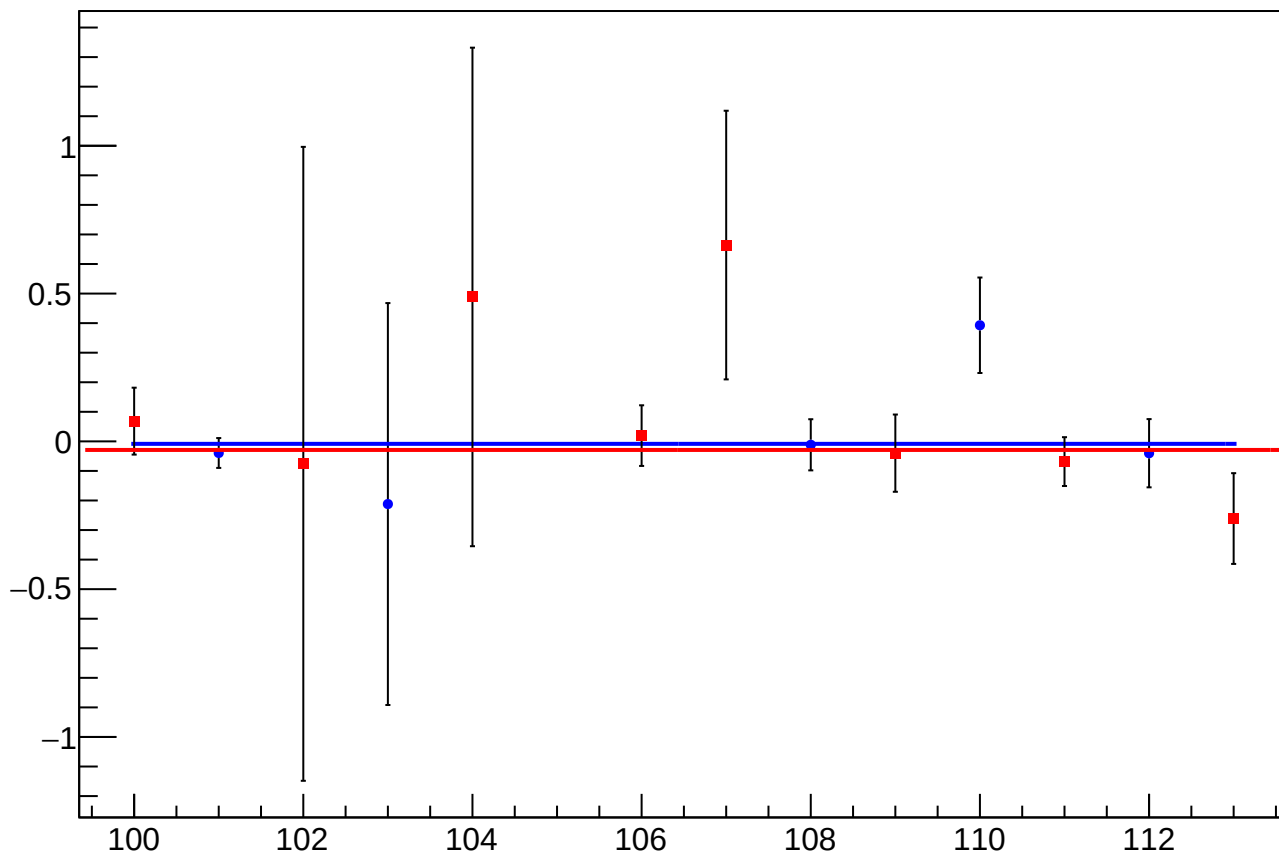
Right: 0.000+/-0.000 χ^2/NDF : 2273610.5/12

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 : 2273610.5/12

asym_usl_atl1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 $\pm$ 0.039 χ^2 /NDF: 6.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.029 $\pm$ 0.048 χ^2 /NDF: 6.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

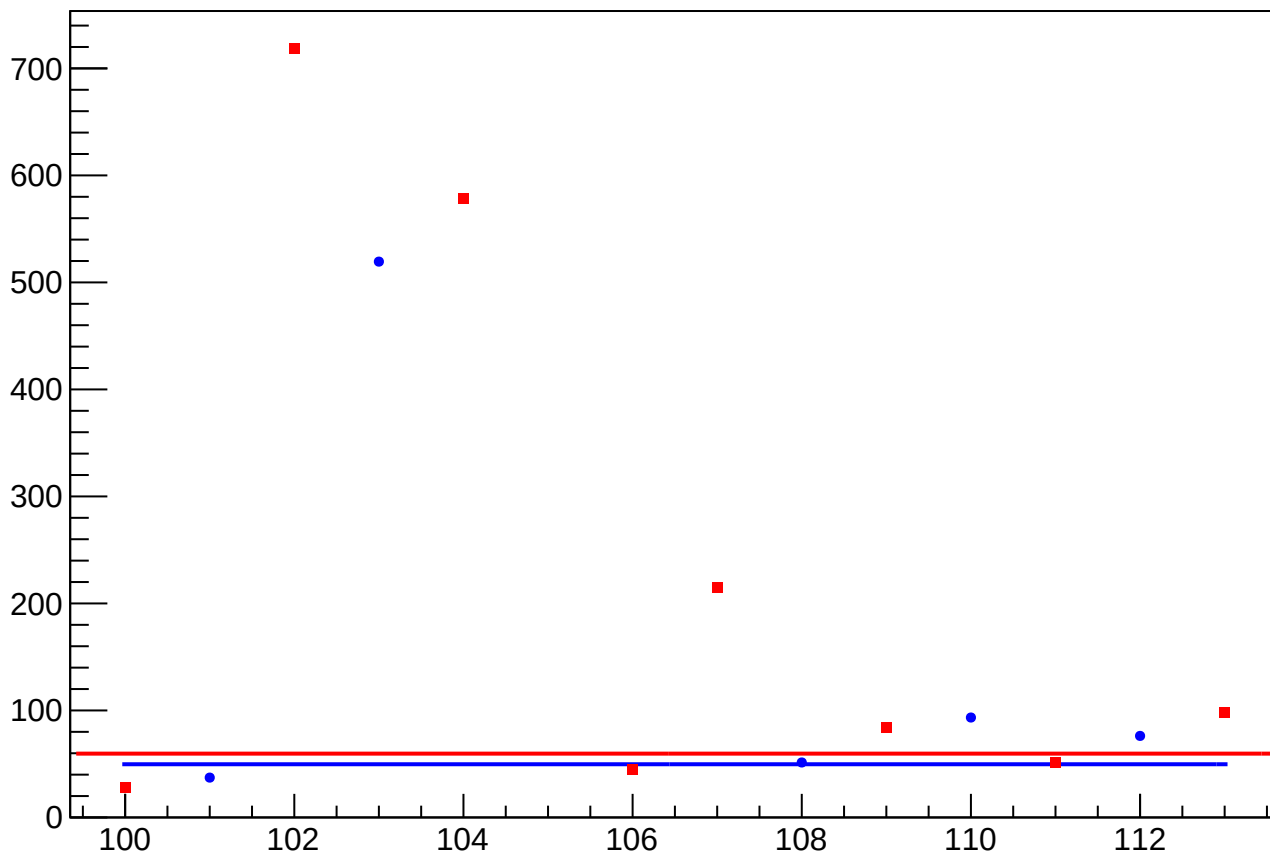
Right: -0.017 $\pm$ 0.031 χ^2 /NDF: 13.0/12

In: -0.008 $\pm$ 0.039 χ^2 /NDF:6.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.017 $\pm$ 0.031 χ^2 /NDF: 13.0/12

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: 59.645+/-0.034 χ^2/NDF : 2160768.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

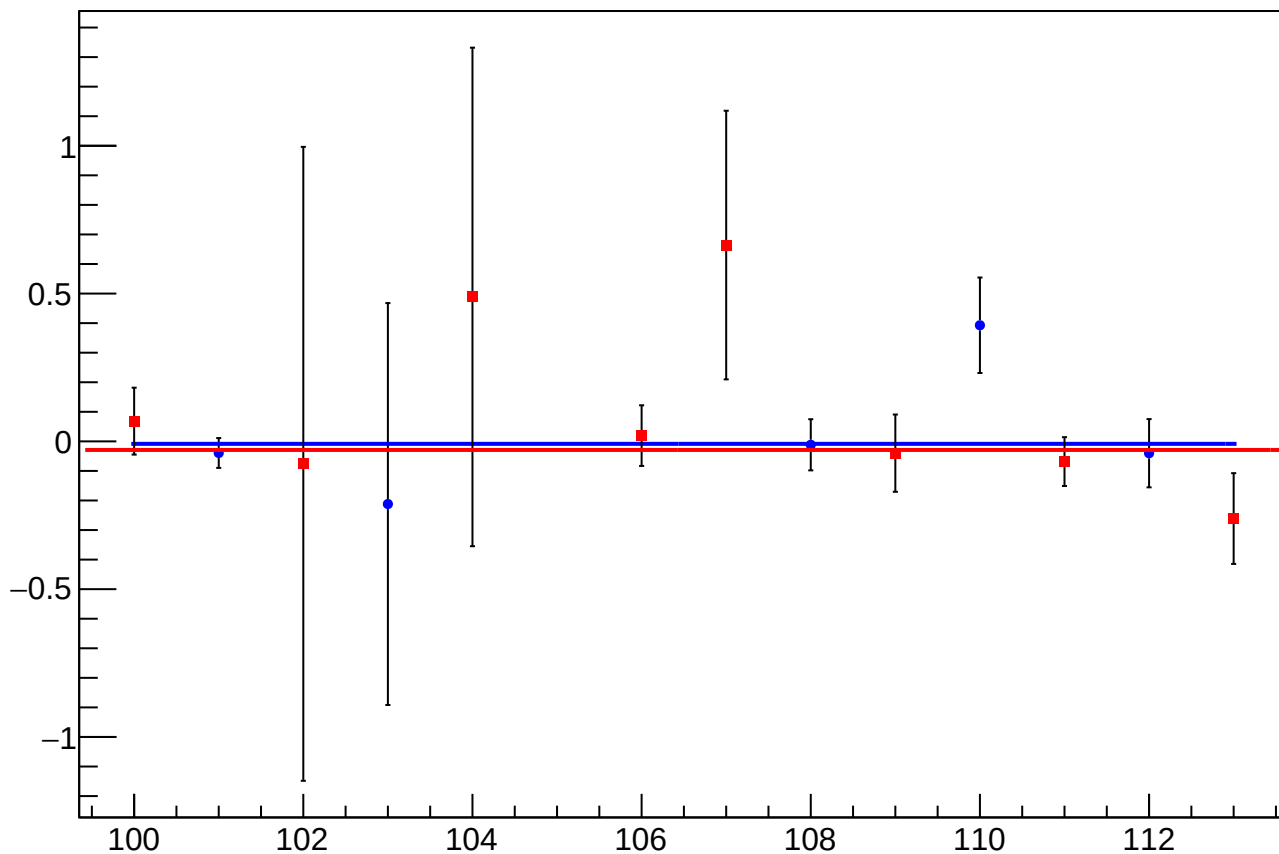
Right: 53.693+/-0.022 χ^2/NDF : 3540411.5/12

In: 49.723+/-0.028 χ^2/NDF : 1329109.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.693+/-0.022 χ^2/NDF : 3540411.5/12

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 $\pm$ 0.039 χ^2 /NDF: 6.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.029 $\pm$ 0.048 χ^2 /NDF: 6.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

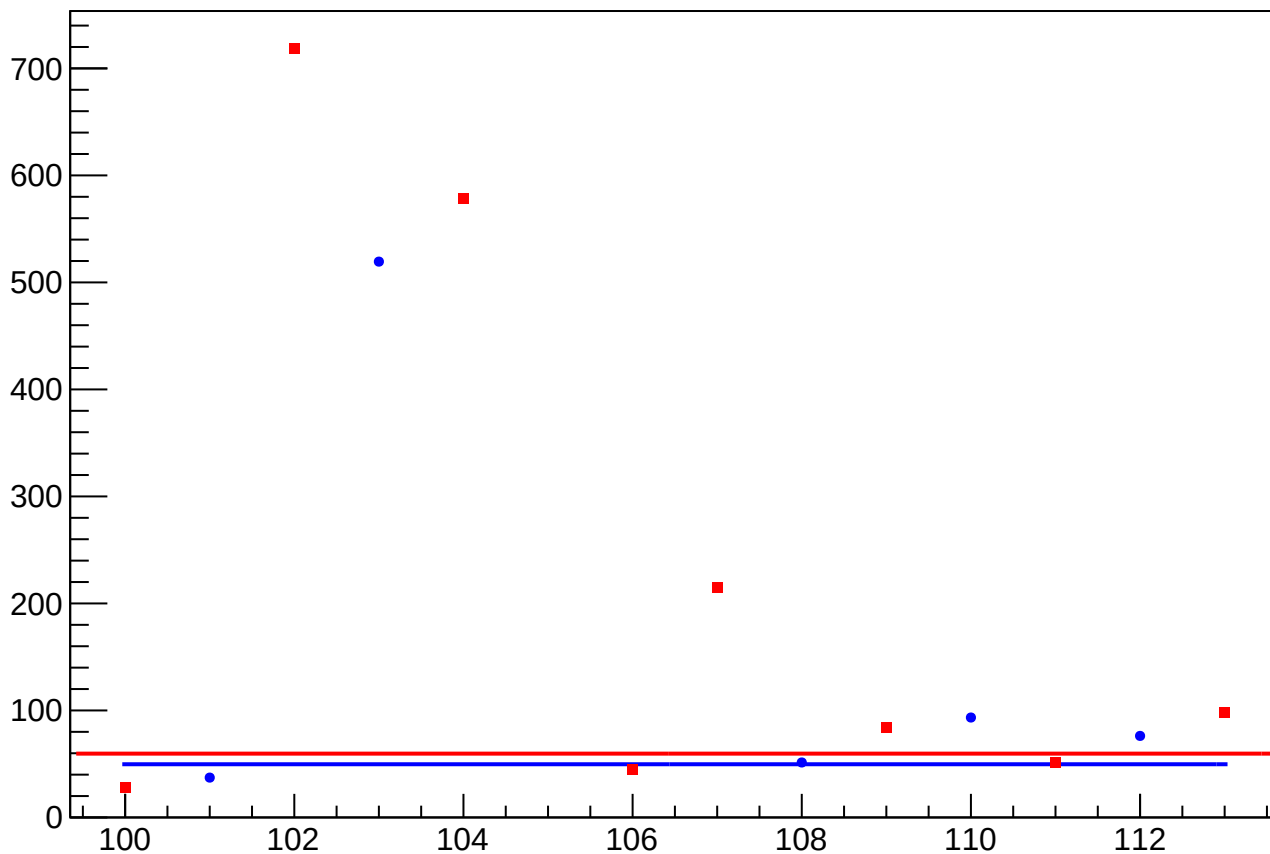
Right: -0.017 $\pm$ 0.031 χ^2 /NDF: 13.0/12

In: -0.008 $\pm$ 0.039 χ^2 /NDF:6.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.017 $\pm$ 0.031 χ^2 /NDF: 13.0/12

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: 59.645+/-0.034 χ^2/NDF : 2160768.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

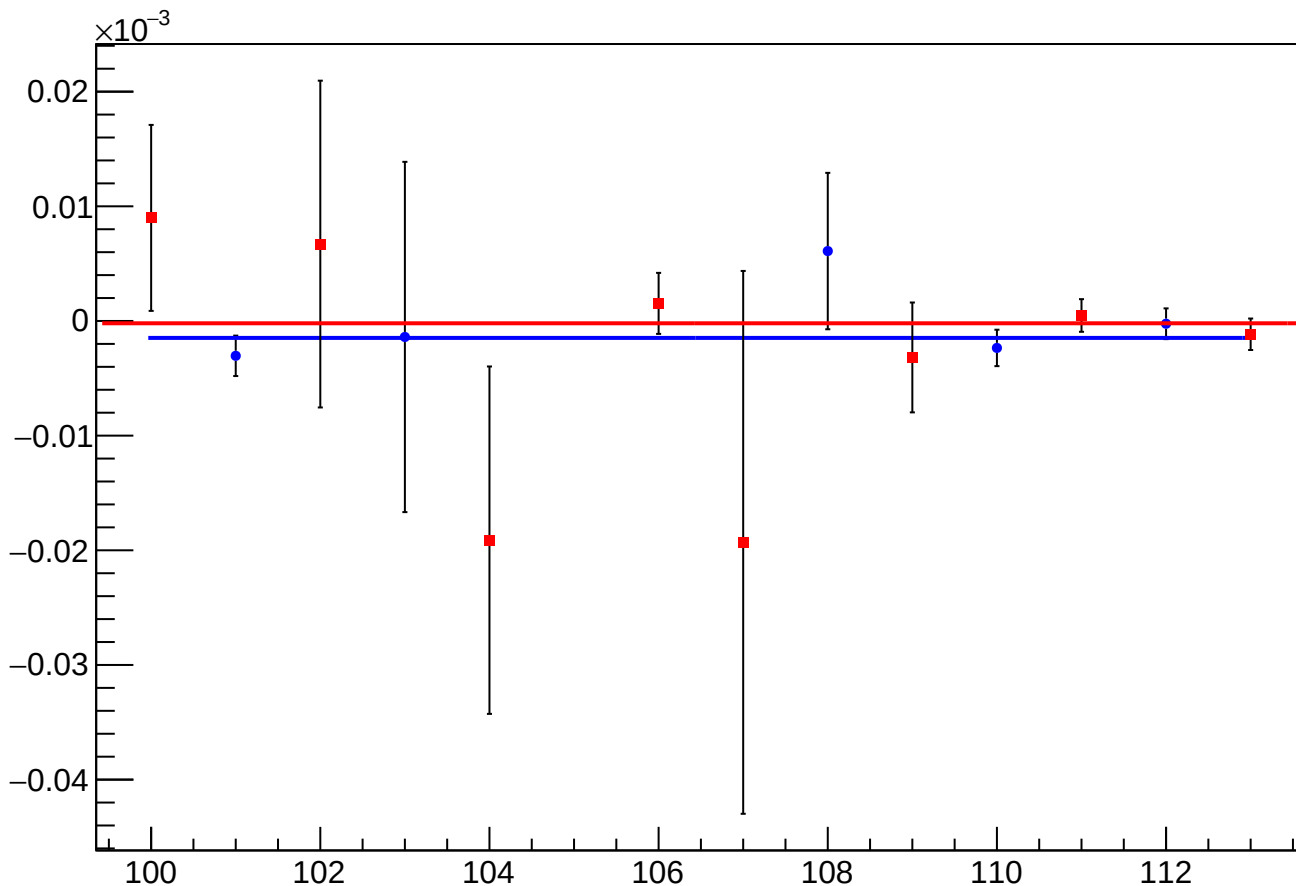
Right: 53.693+/-0.022 χ^2/NDF : 3540411.5/12

In: 49.723+/-0.028 χ^2/NDF : 1329109.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.693+/-0.022 χ^2/NDF : 3540411.5/12

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 : 5.3/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

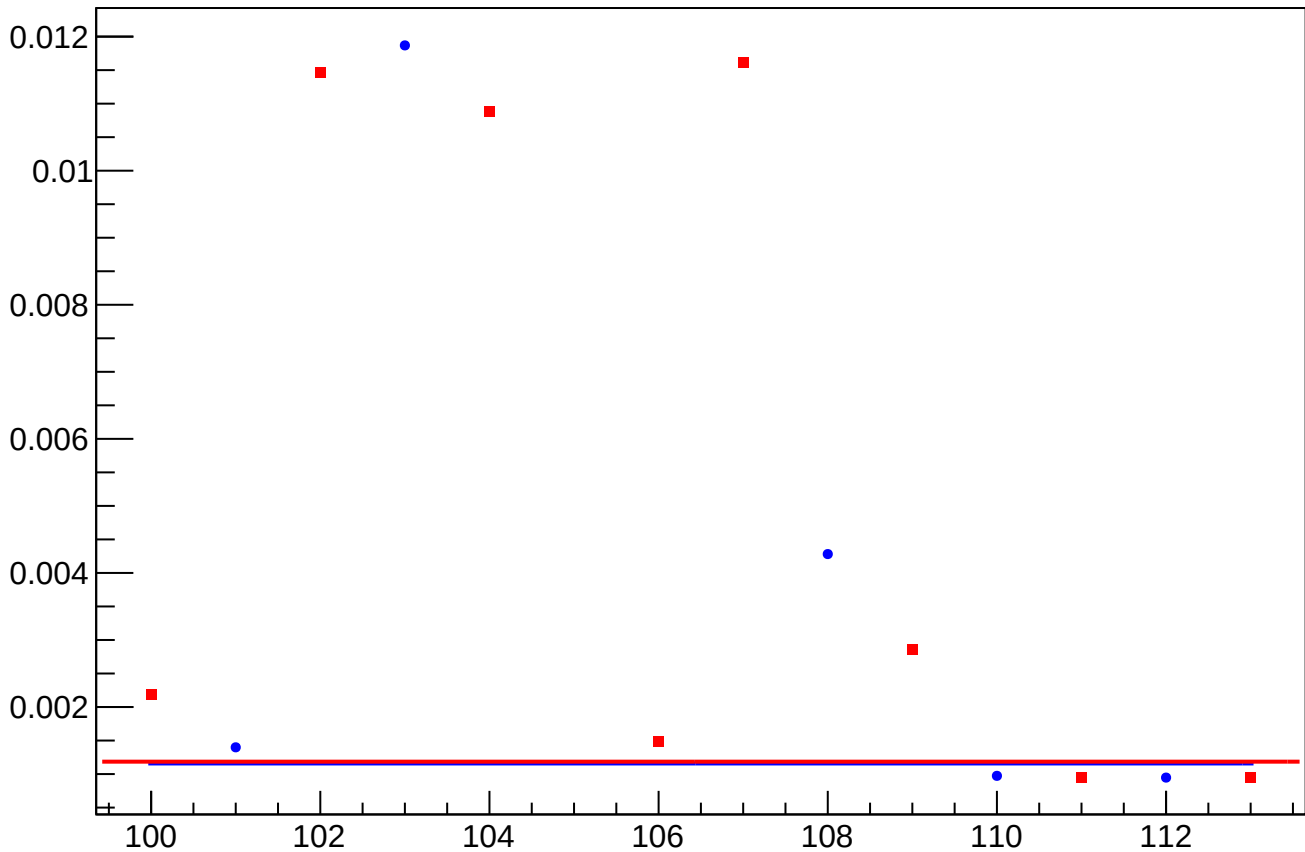
Right: -0.000+/-0.000 χ^2/NDF : 9.5/12

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 : 9.5/12

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 : 2663885.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

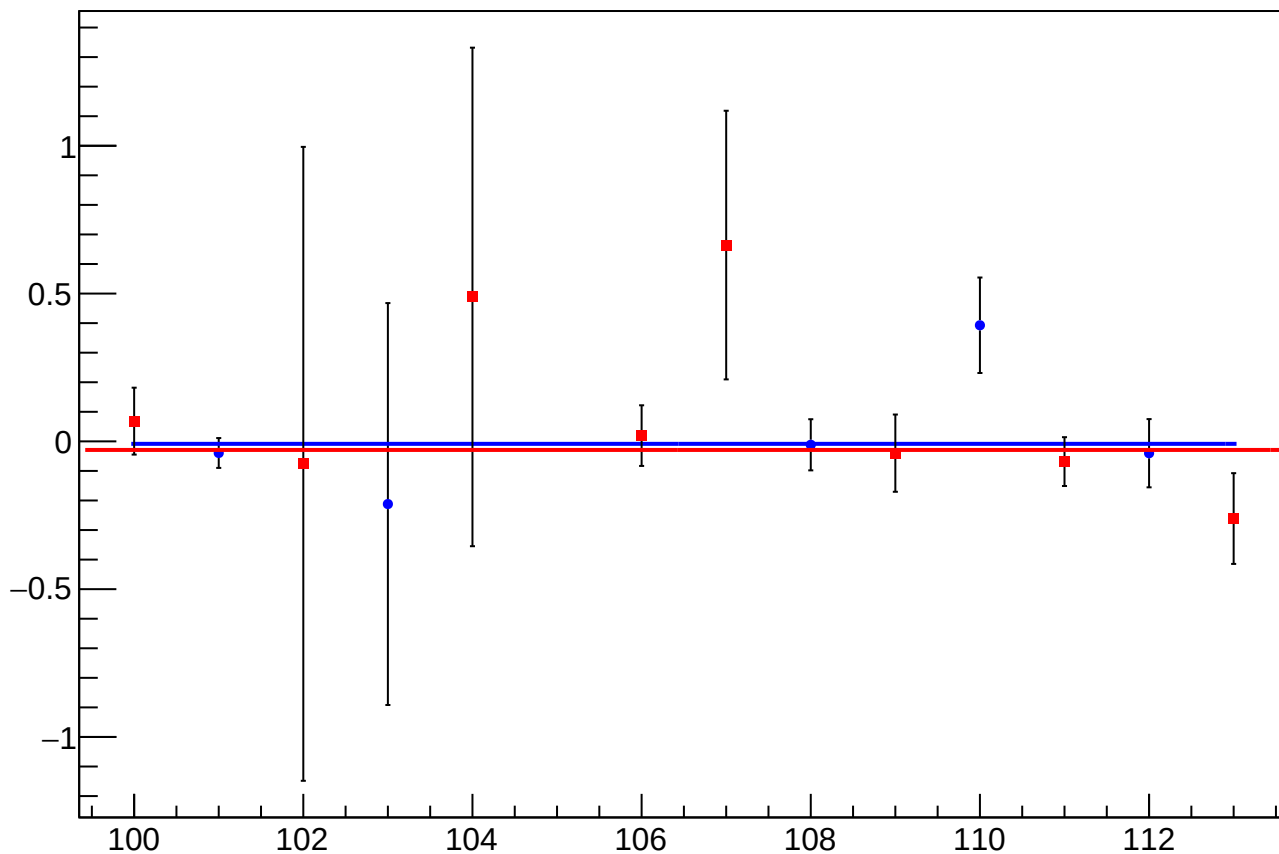
Right: 0.001+/-0.000 χ^2/NDF : 4181504.2/12

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 : 4181504.2/12

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: -0.029+/-0.048 χ^2/NDF : 6.2/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

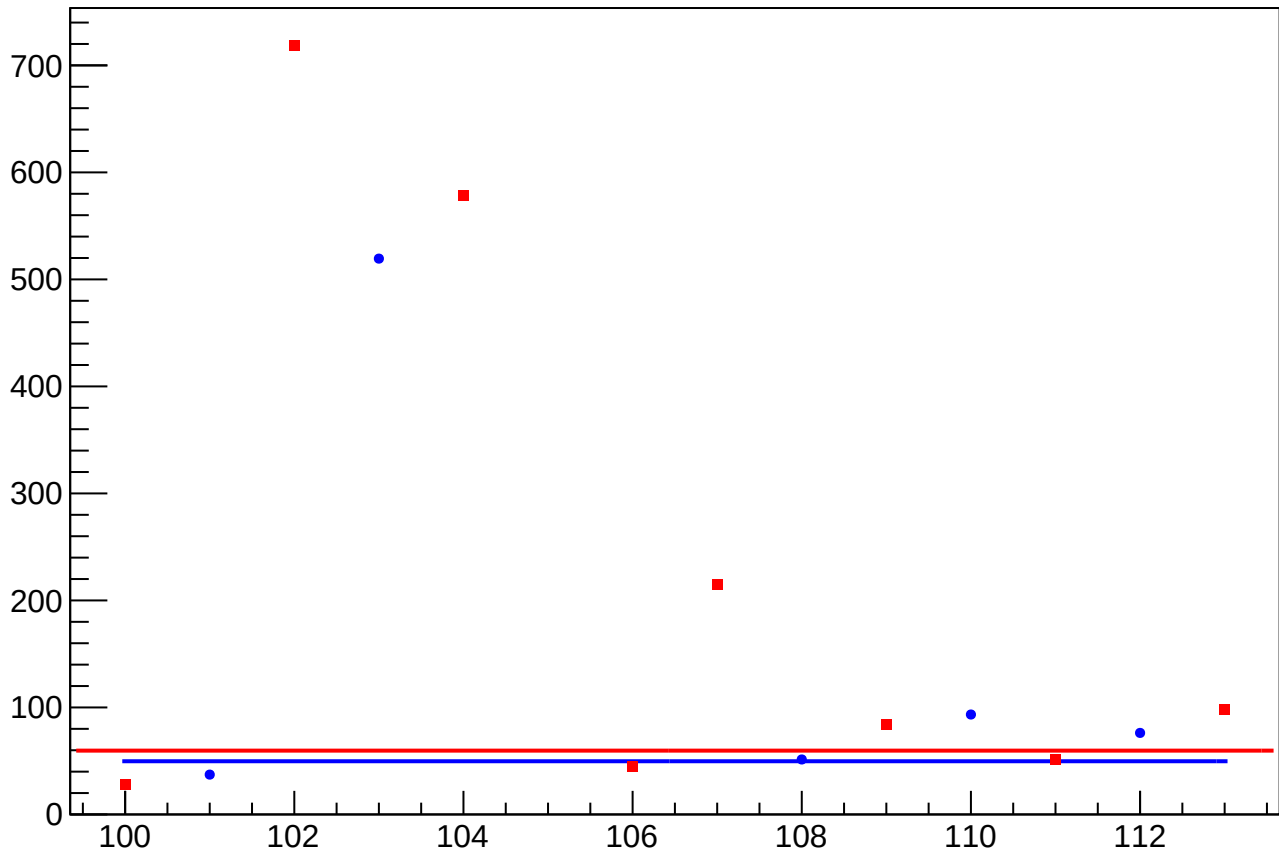
Right: -0.017+/-0.031 χ^2/NDF : 13.0/12

In: -0.008+/-0.039 χ^2/NDF :6.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.017+/-0.031 χ^2/NDF : 13.0/12

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: 59.645+/-0.034 χ^2/NDF : 2160764.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

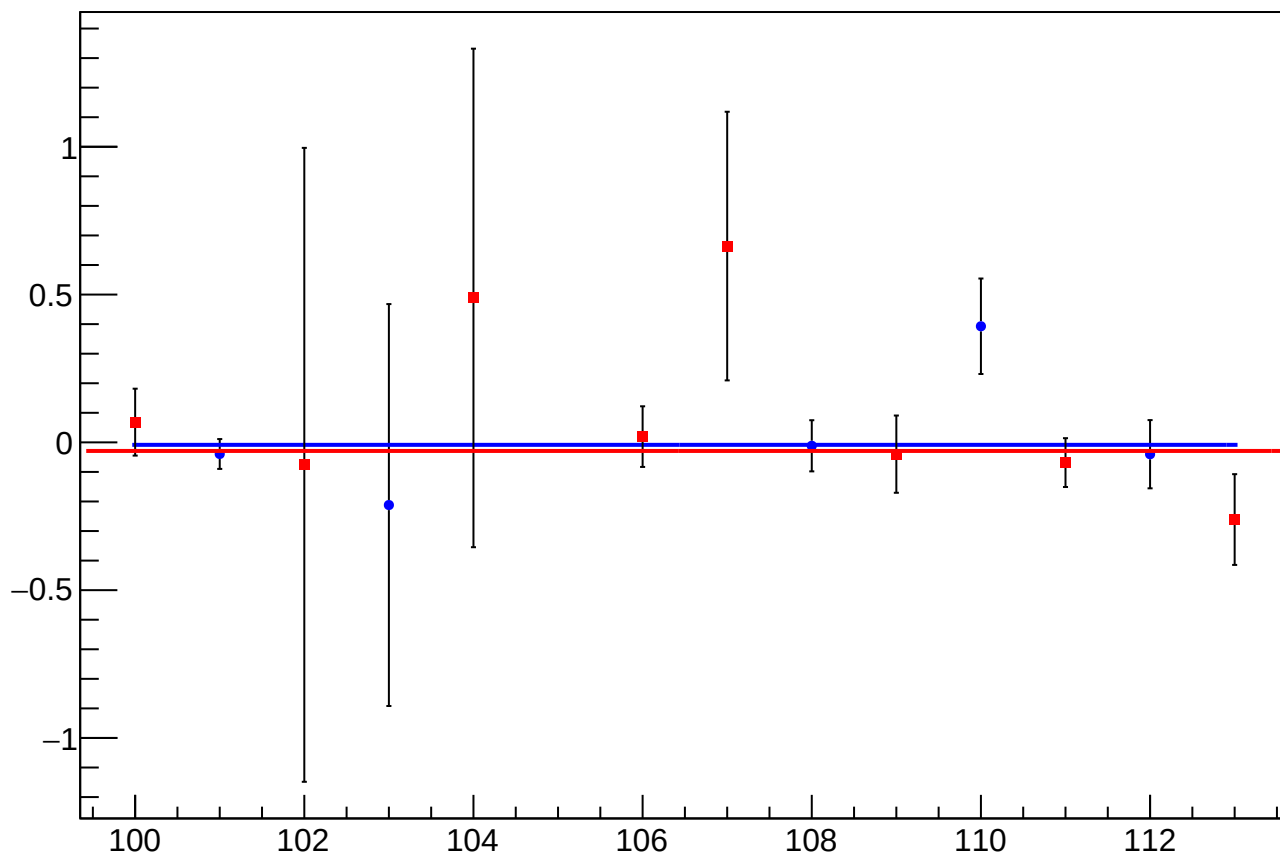
Right: 53.693+/-0.022 χ^2/NDF : 3540382.7/12

In: 49.724+/-0.028 χ^2/NDF : 1329097.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.693+/-0.022 χ^2/NDF : 3540382.7/12

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 $\pm$ 0.039 χ^2 /NDF: 6.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.029 $\pm$ 0.048 χ^2 /NDF: 6.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

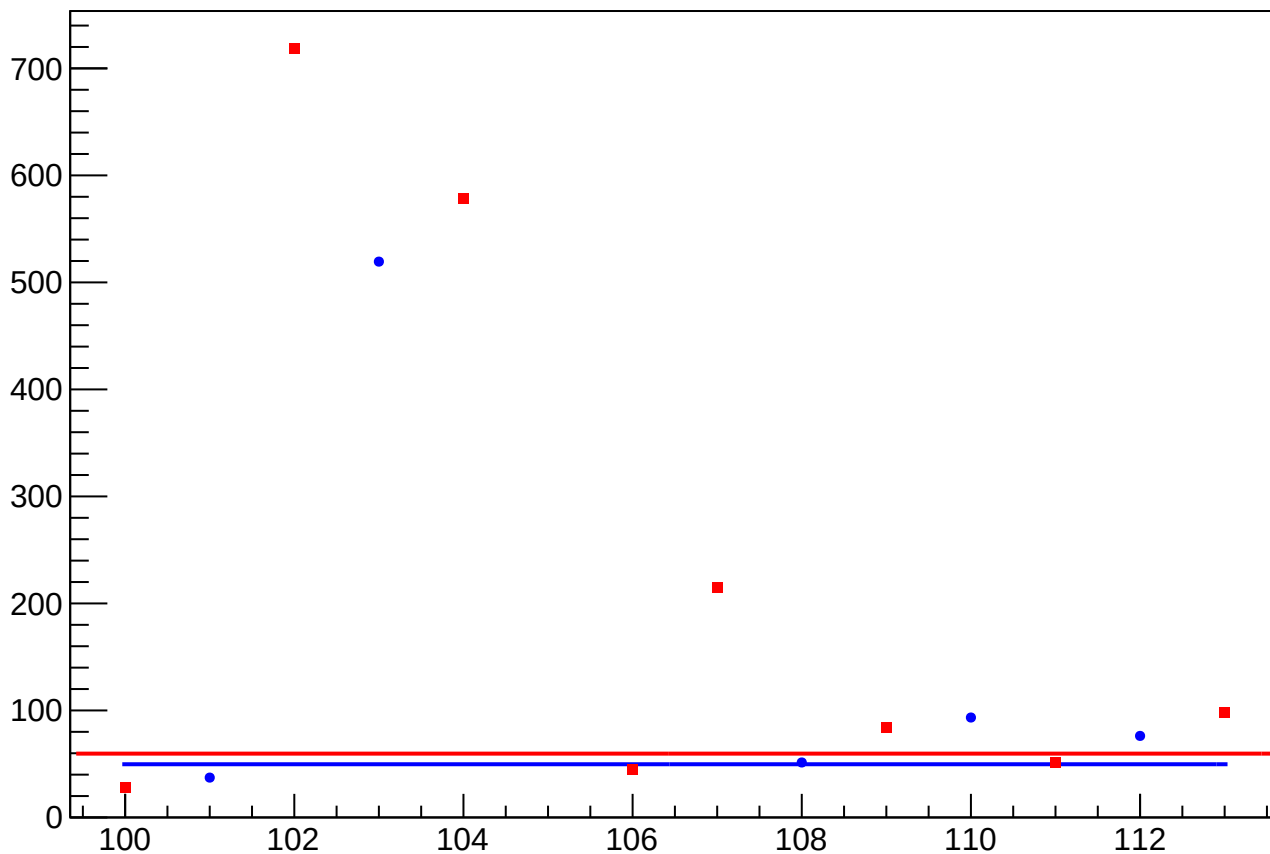
Right: -0.017 $\pm$ 0.031 χ^2 /NDF: 13.0/12

In: -0.008 $\pm$ 0.039 χ^2 /NDF:6.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.017 $\pm$ 0.031 χ^2 /NDF: 13.0/12

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: 59.645+/-0.034 χ^2/NDF : 2160764.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

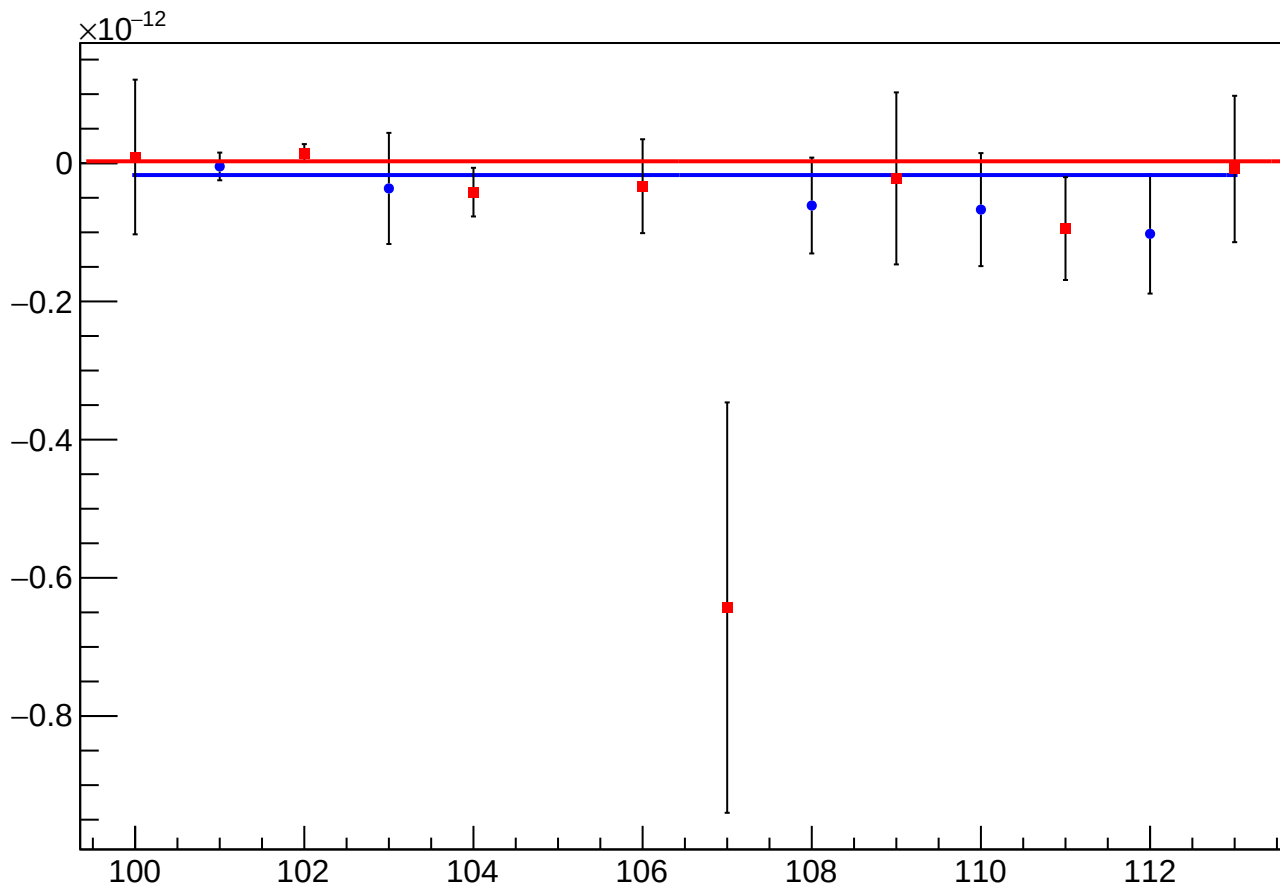
Right: 53.693+/-0.022 χ^2/NDF : 3540382.7/12

In: 49.724+/-0.028 χ^2/NDF : 1329097.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.693+/-0.022 χ^2/NDF : 3540382.7/12

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 : 9.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

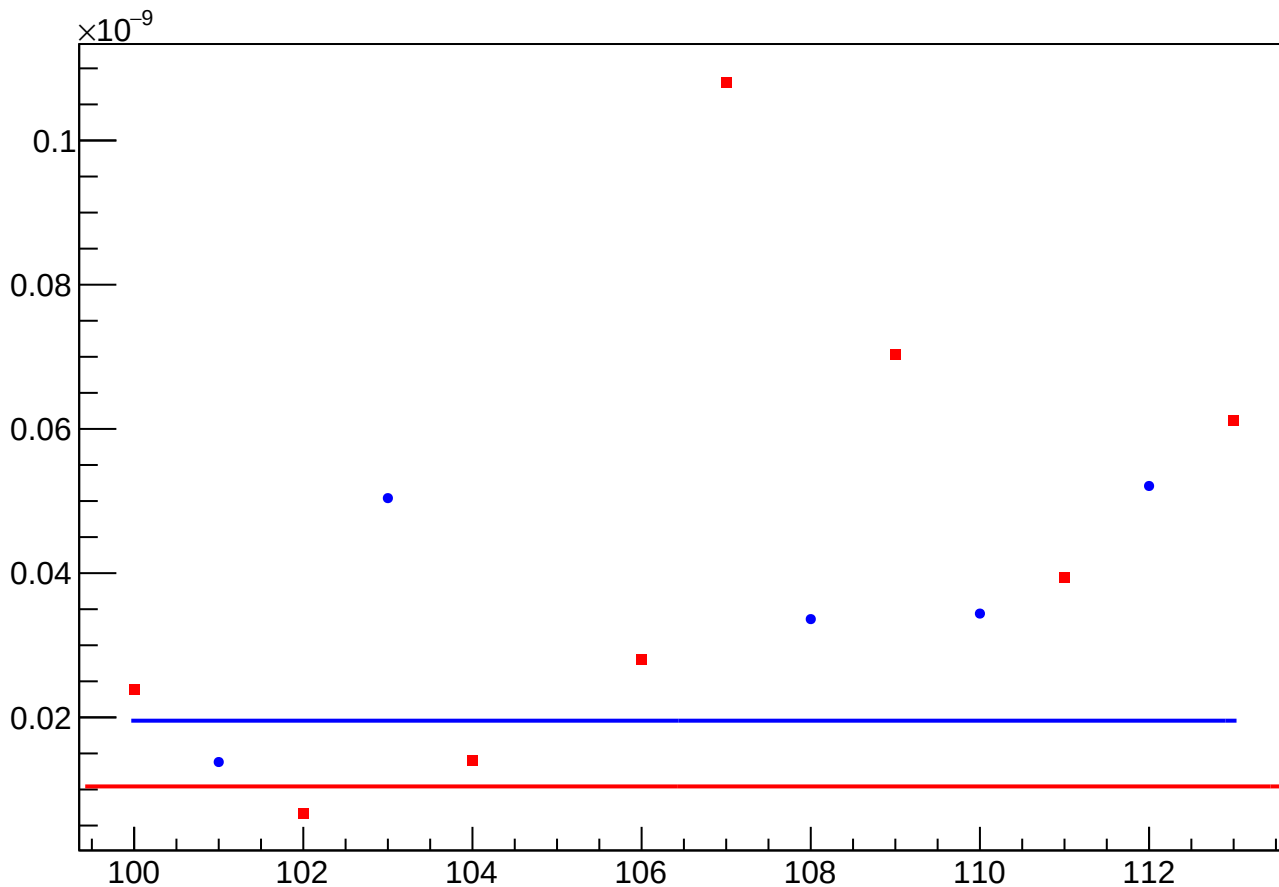
Right: -0.000+/-0.000 χ^2/NDF : 12.3/12

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 : 12.3/12

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 : 1794672.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

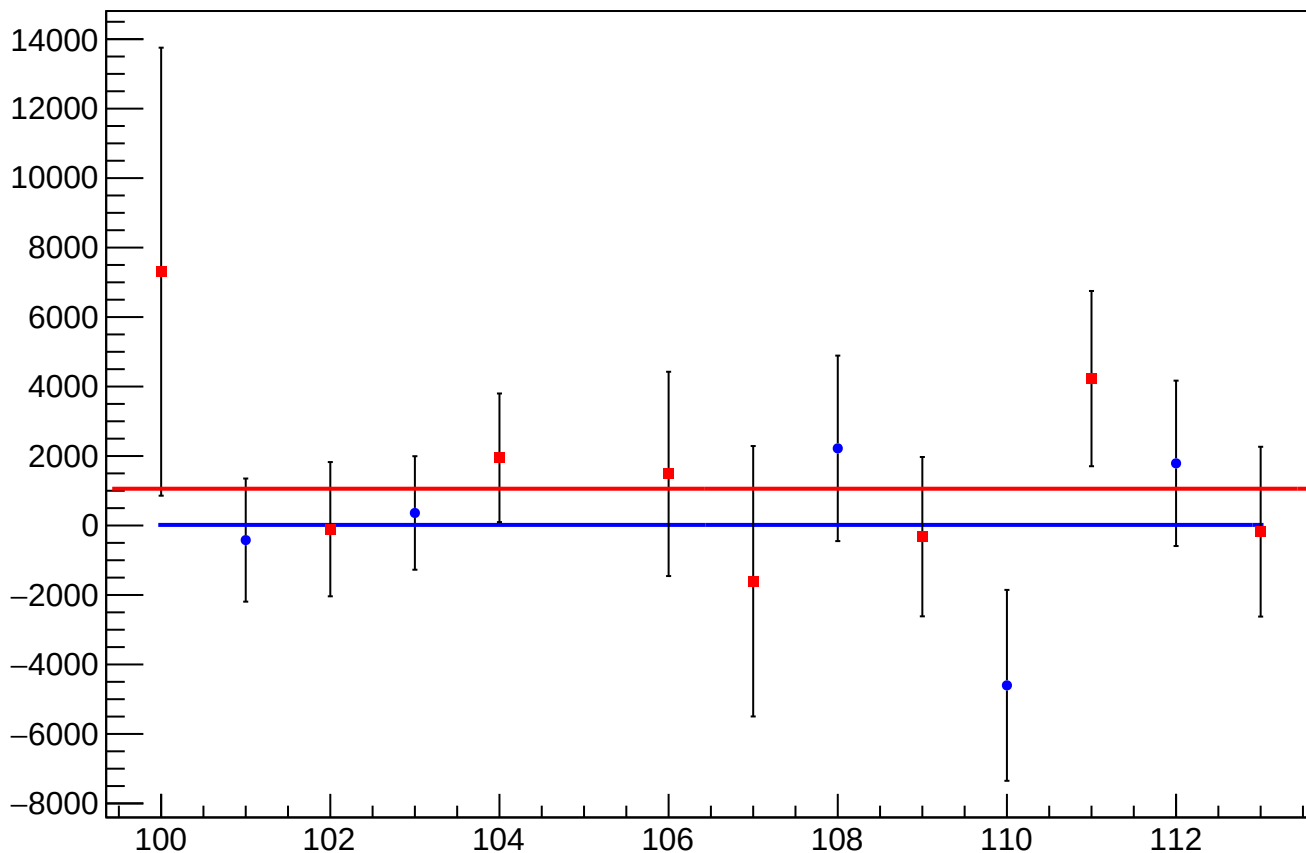
Right: 0.000+/-0.000 χ^2/NDF : 3051160.4/12

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 : 3051160.4/12

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: 1059.031+/-883.892 χ^2/NDF : 4.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

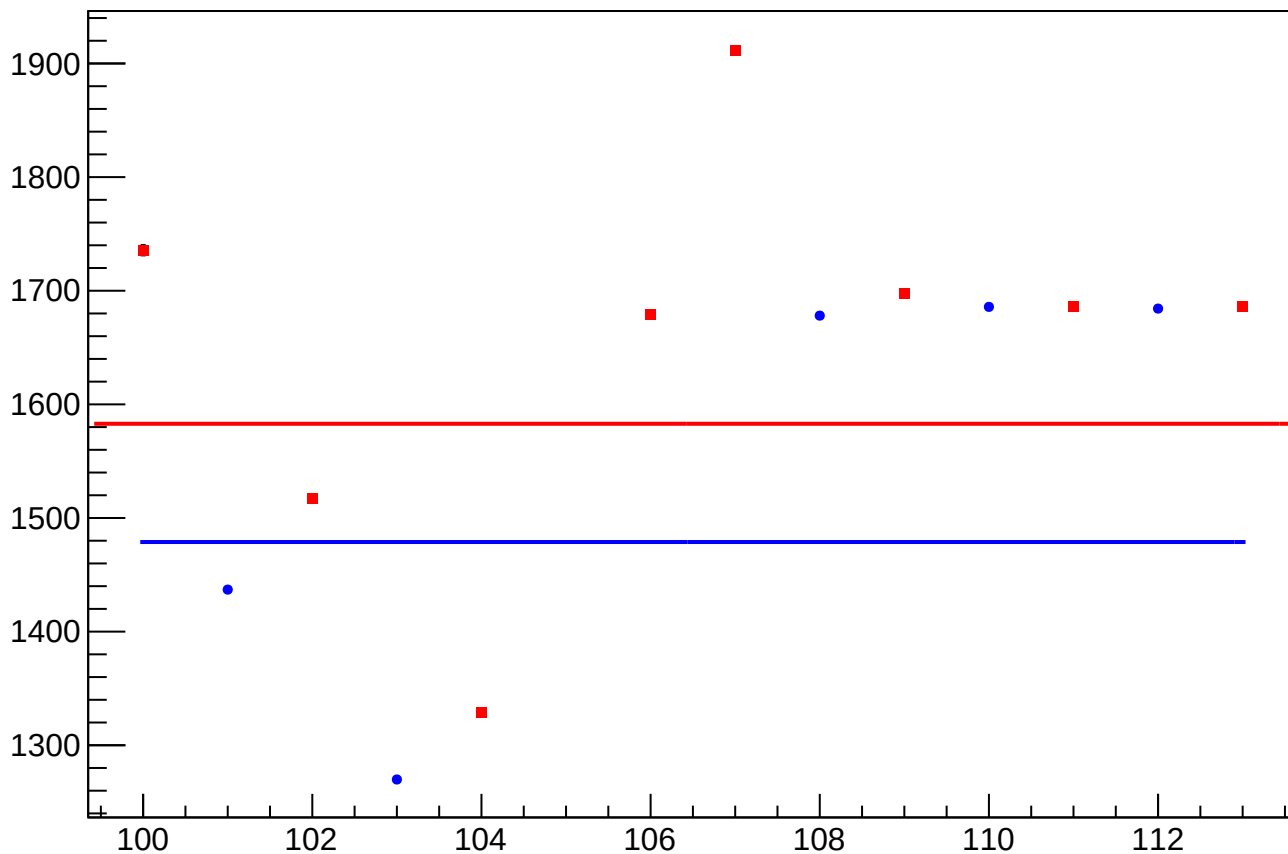
Right: 567.650+/-642.514 χ^2/NDF : 9.0/12

In: 17.078+/-935.616 χ^2/NDF : 4.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 567.650+/-642.514 χ^2/NDF : 9.0/12

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: 1582.920+/-0.625 χ^2/NDF : 69513.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

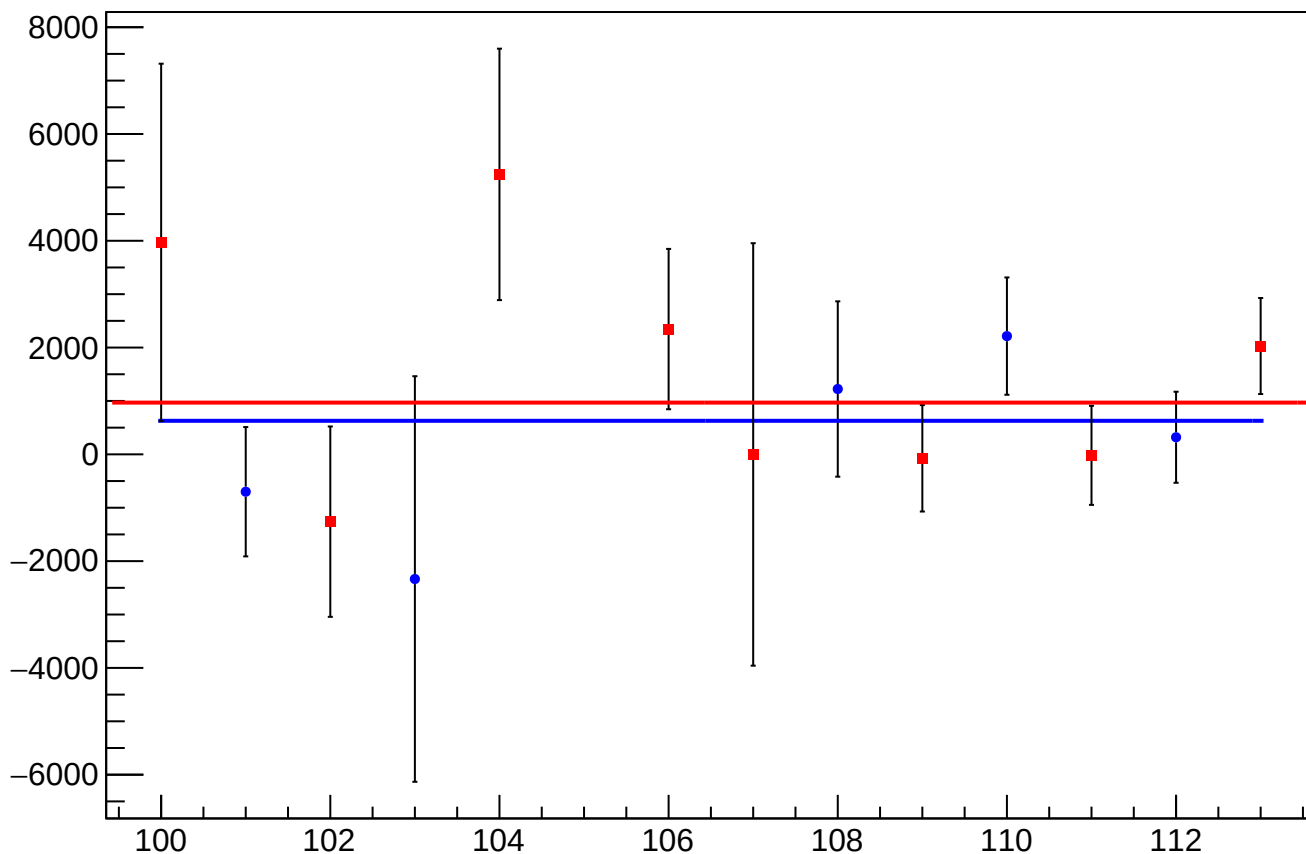
Right: 1533.845+/-0.454 χ^2/NDF : 153813.2/12

In: 1478.858+/-0.662 χ^2/NDF : 71226.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1533.845+/-0.454 χ^2/NDF : 153813.2/12

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: 969.170+/-471.597 χ^2/NDF : 10.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

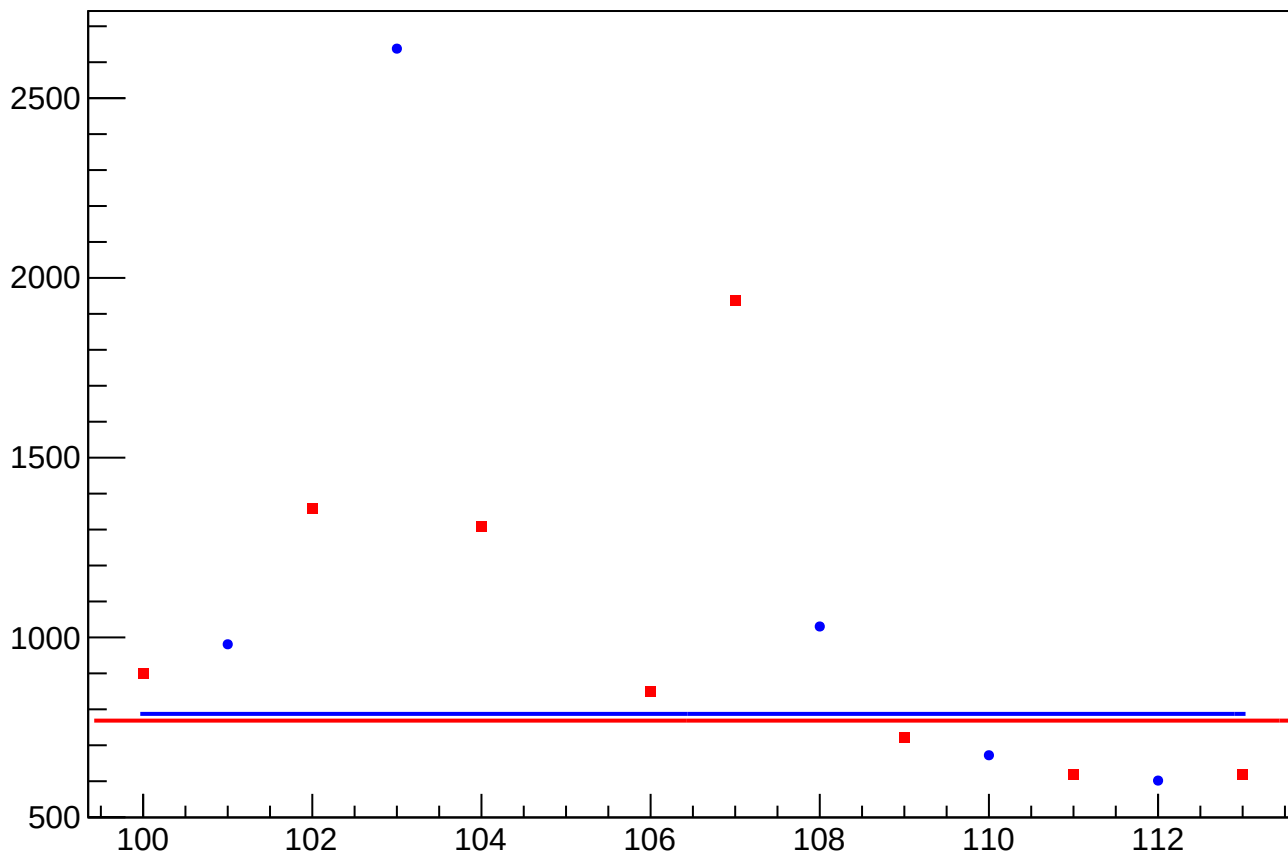
Right: 824.196+/-357.555 χ^2/NDF : 14.6/12

In: 628.186+/-548.359 χ^2/NDF : 4.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 824.196+/-357.555 χ^2/NDF : 14.6/12

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: 768.590+/-0.333 χ^2/NDF : 620311.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

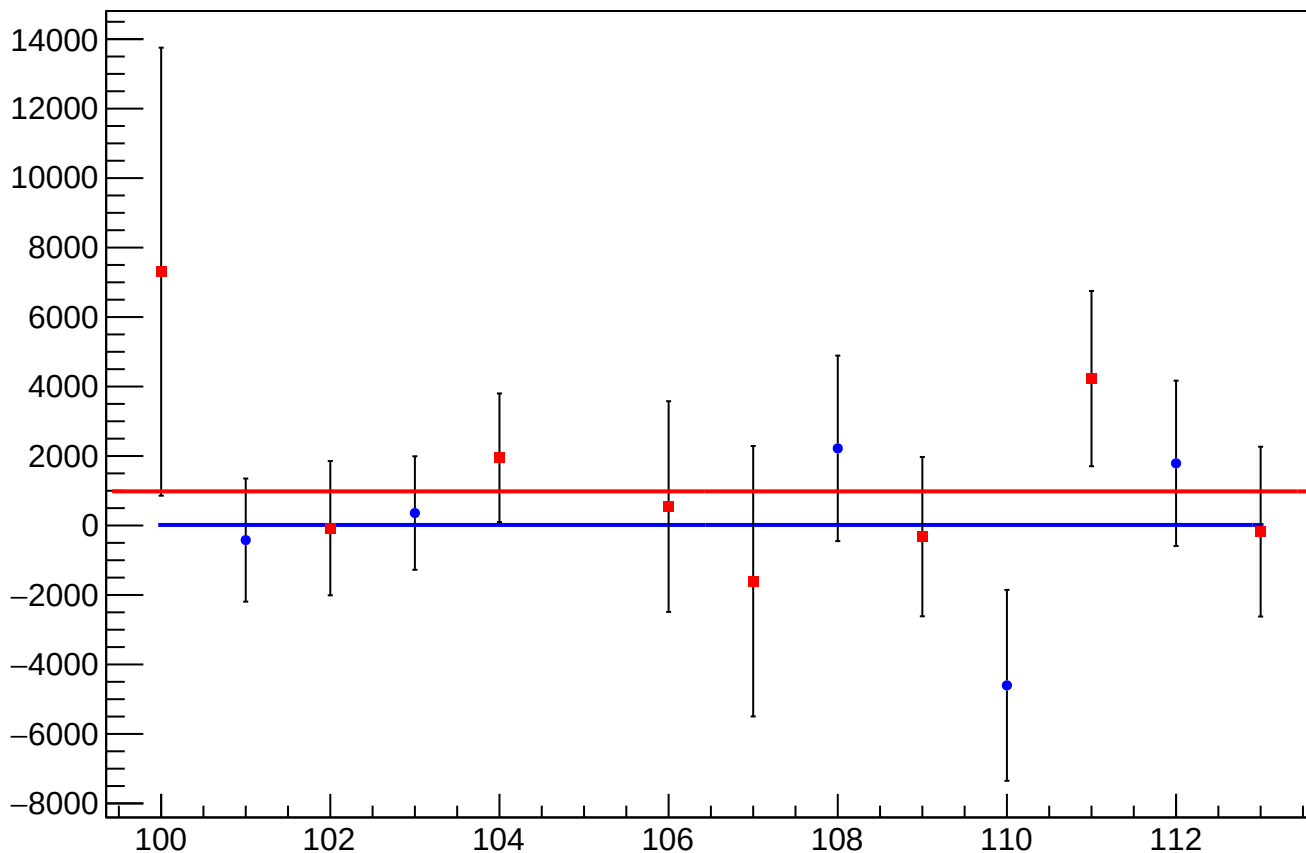
Right: 776.553+/-0.253 χ^2/NDF : 1307951.6/12

In: 787.319+/-0.388 χ^2/NDF : 686299.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 776.553+/-0.253 χ^2/NDF : 1307951.6/12

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: 982.944+/-886.319 χ^2/NDF : 4.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

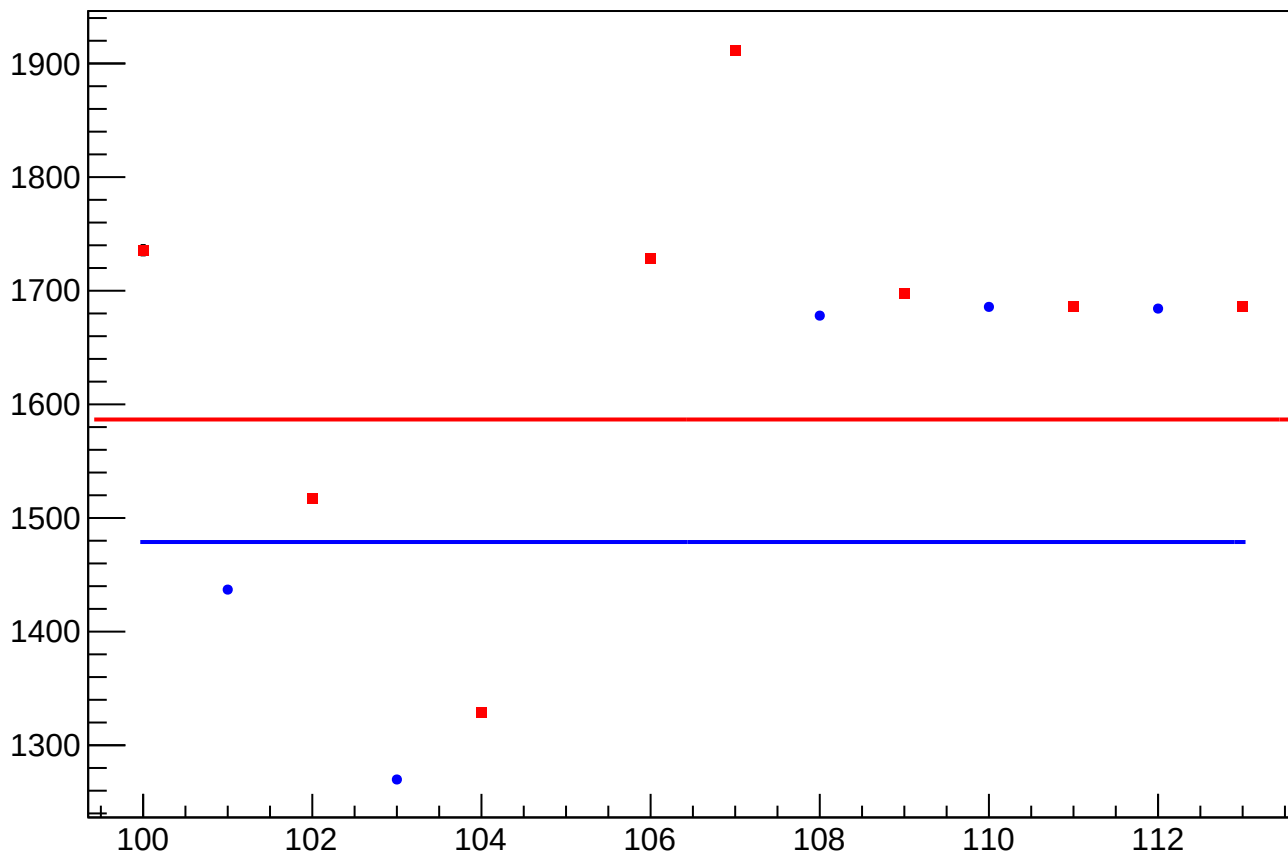
Right: 525.702+/-643.444 χ^2/NDF : 8.9/12

In: 16.182+/-935.616 χ^2/NDF : 4.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 525.702+/-643.444 χ^2/NDF : 8.9/12

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: 1586.687 $\pm$ 0.627 χ^2/NDF : 71952.3/7

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

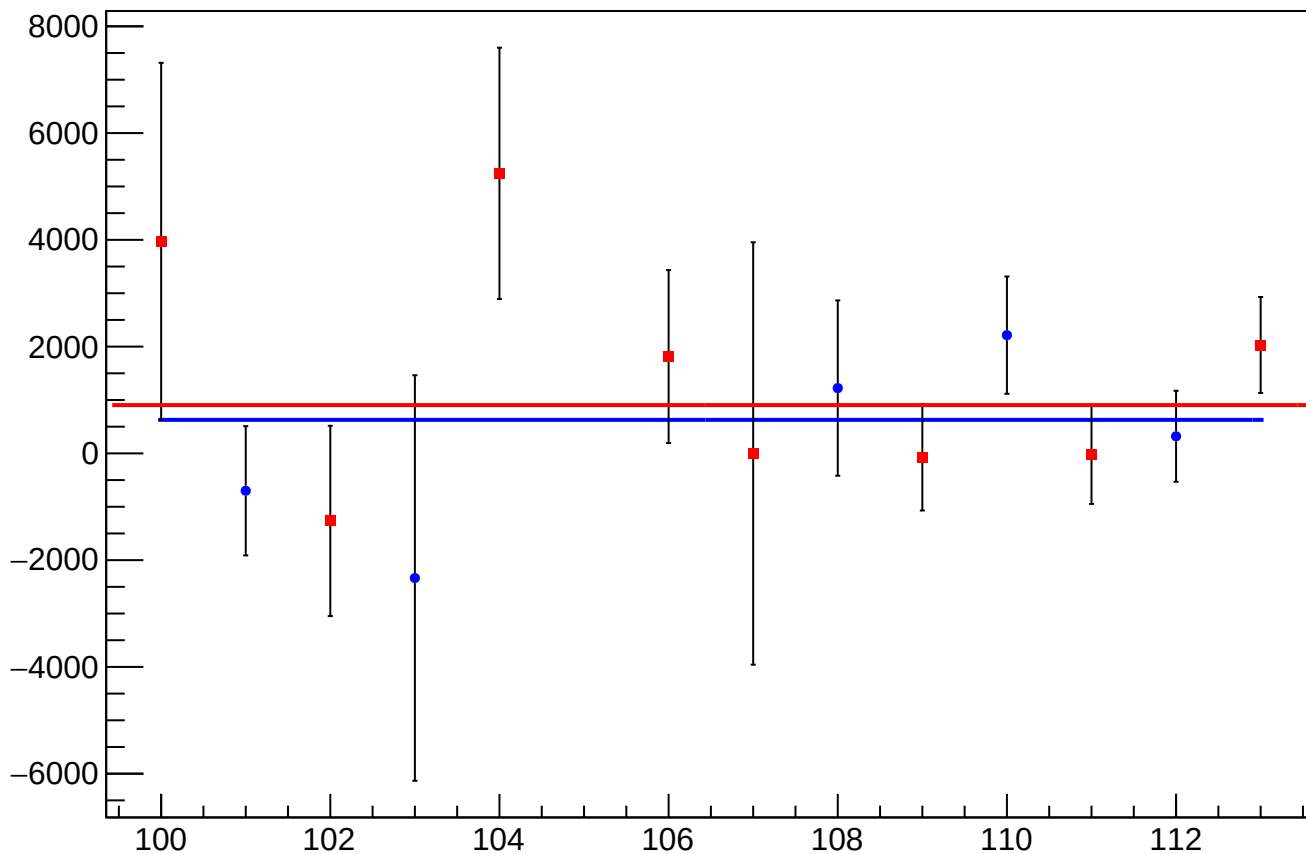
Right: 1535.688 $\pm$ 0.455 χ^2/NDF : 157179.4/12

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: 1535.688 $\pm$ 0.455 χ^2/NDF : 157179.4/12

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: 904.402+/-474.902 χ^2/NDF : 9.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

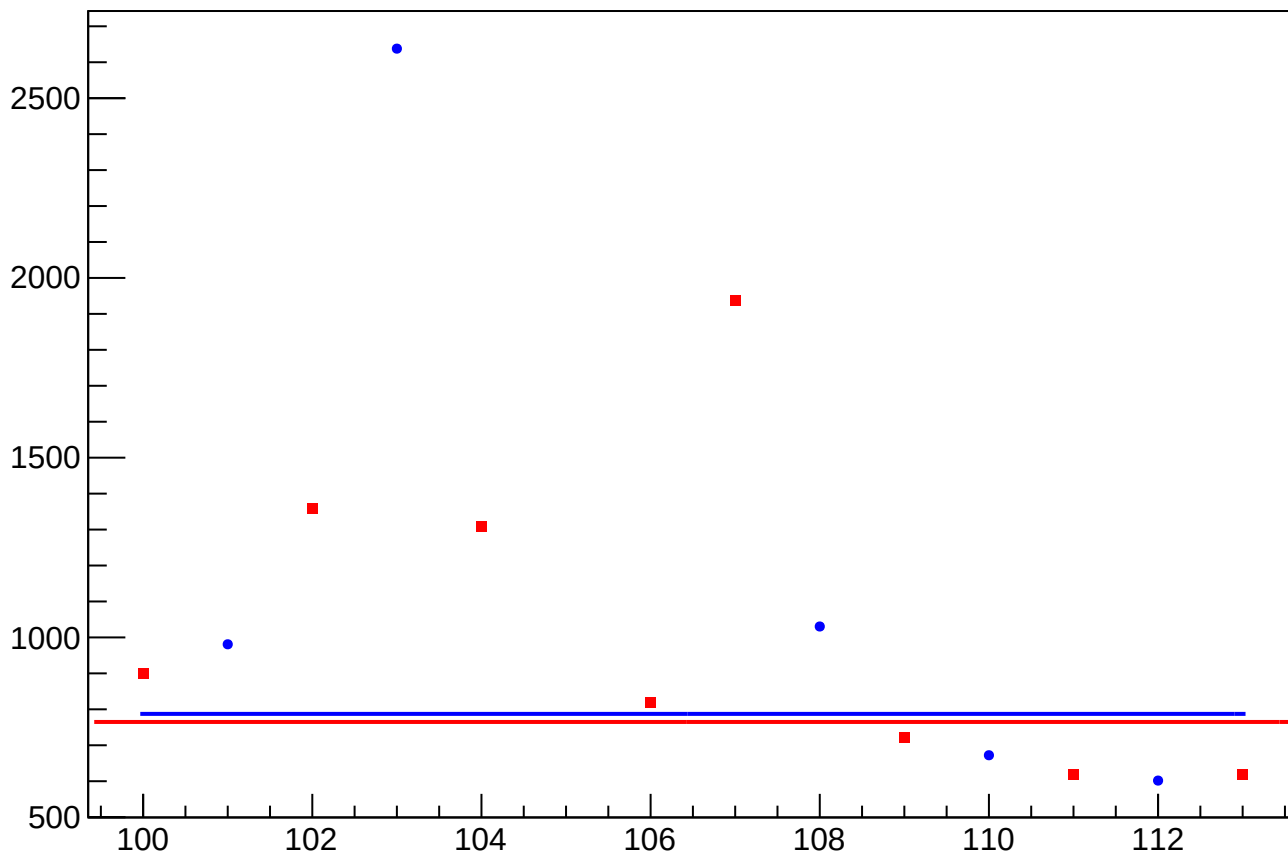
Right: 786.014+/-358.987 χ^2/NDF : 13.9/12

In: 628.175+/-548.351 χ^2/NDF : 4.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 786.014+/-358.987 χ^2/NDF : 13.9/12

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: 764.843+/-0.336 χ^2/NDF : 616474.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

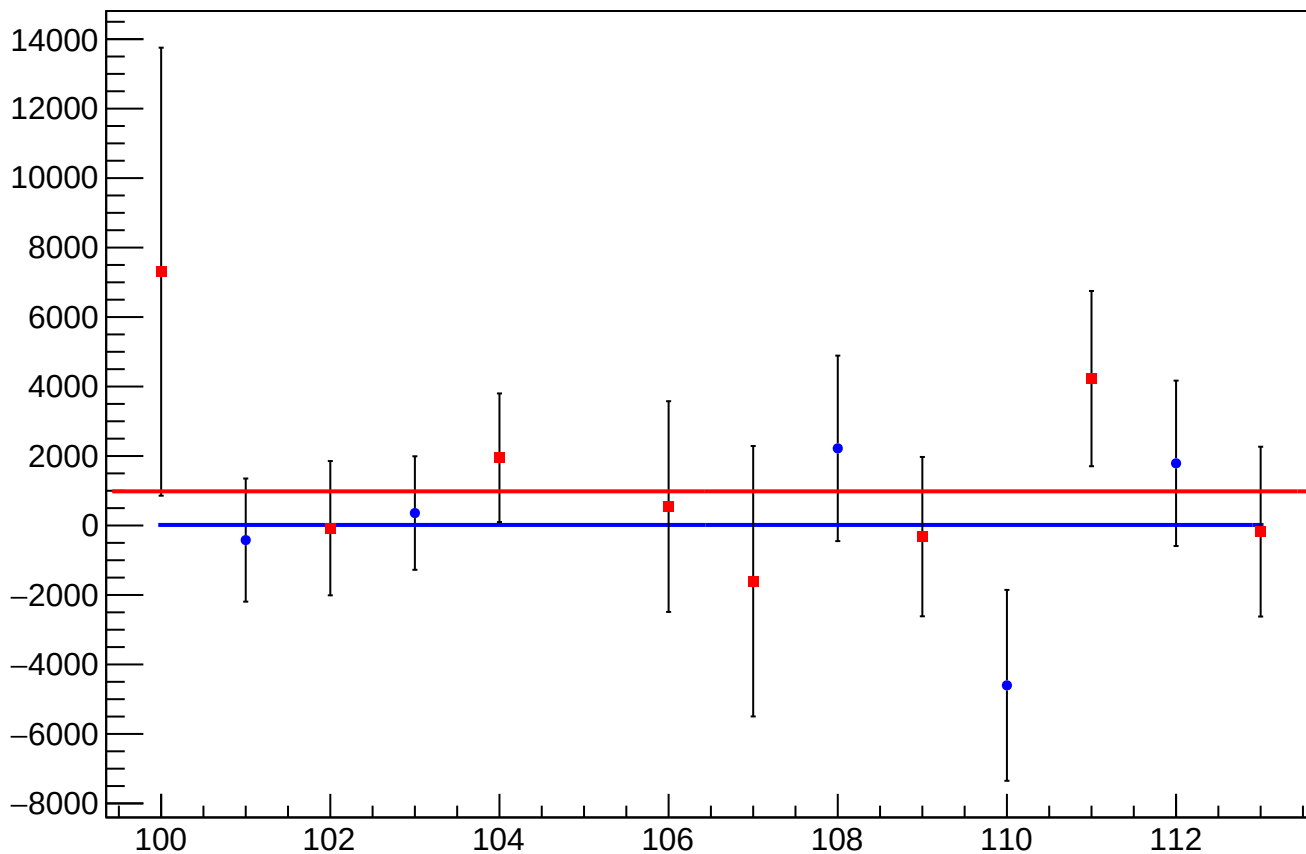
Right: 774.469+/-0.254 χ^2/NDF : 1304704.6/12

In: 787.303+/-0.388 χ^2/NDF : 686313.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 774.469+/-0.254 χ^2/NDF : 1304704.6/12

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: 982.944+/-886.319 χ^2/NDF : 4.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

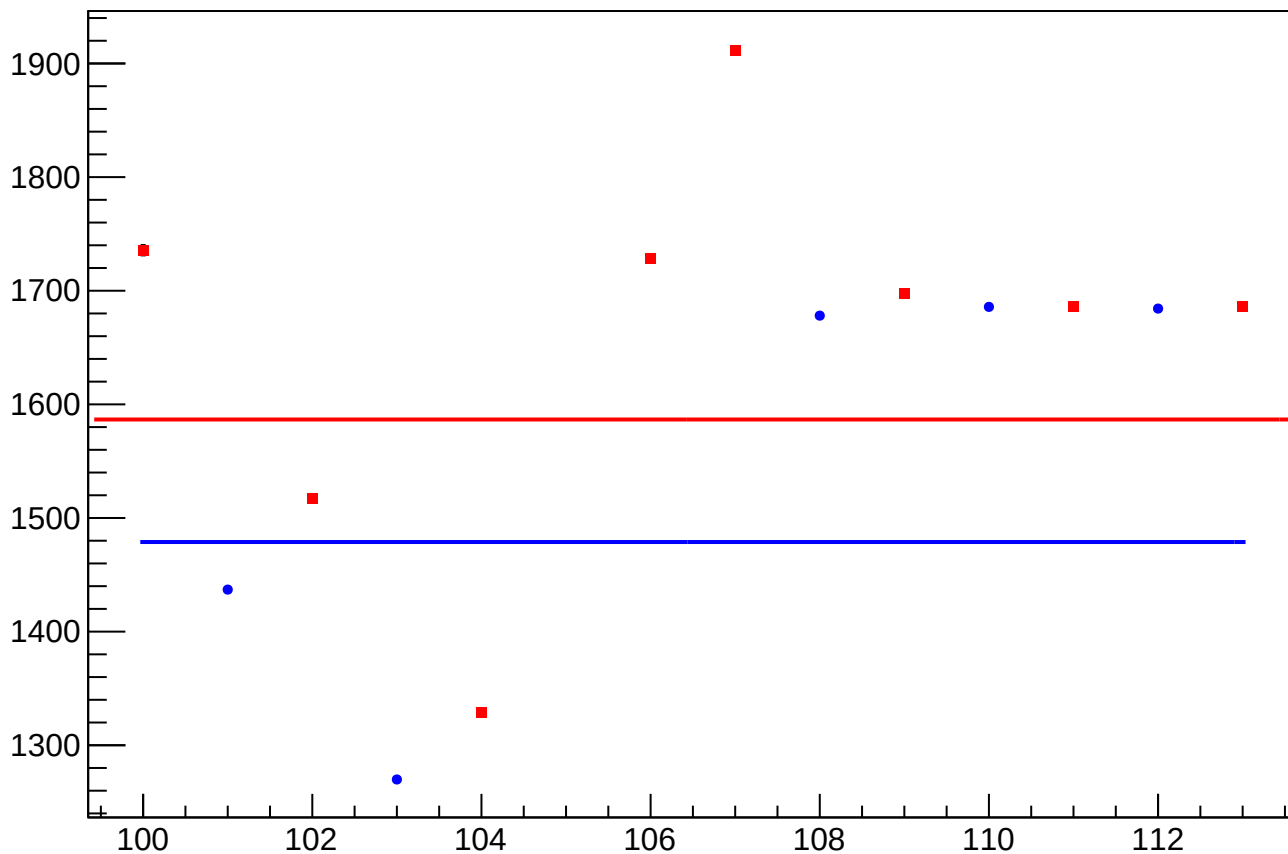
Right: 525.702+/-643.444 χ^2/NDF : 8.9/12

In: 16.182+/-935.616 χ^2/NDF : 4.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 525.702+/-643.444 χ^2/NDF : 8.9/12

eigen_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: 1586.687+/-0.627 χ^2/NDF : 71952.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

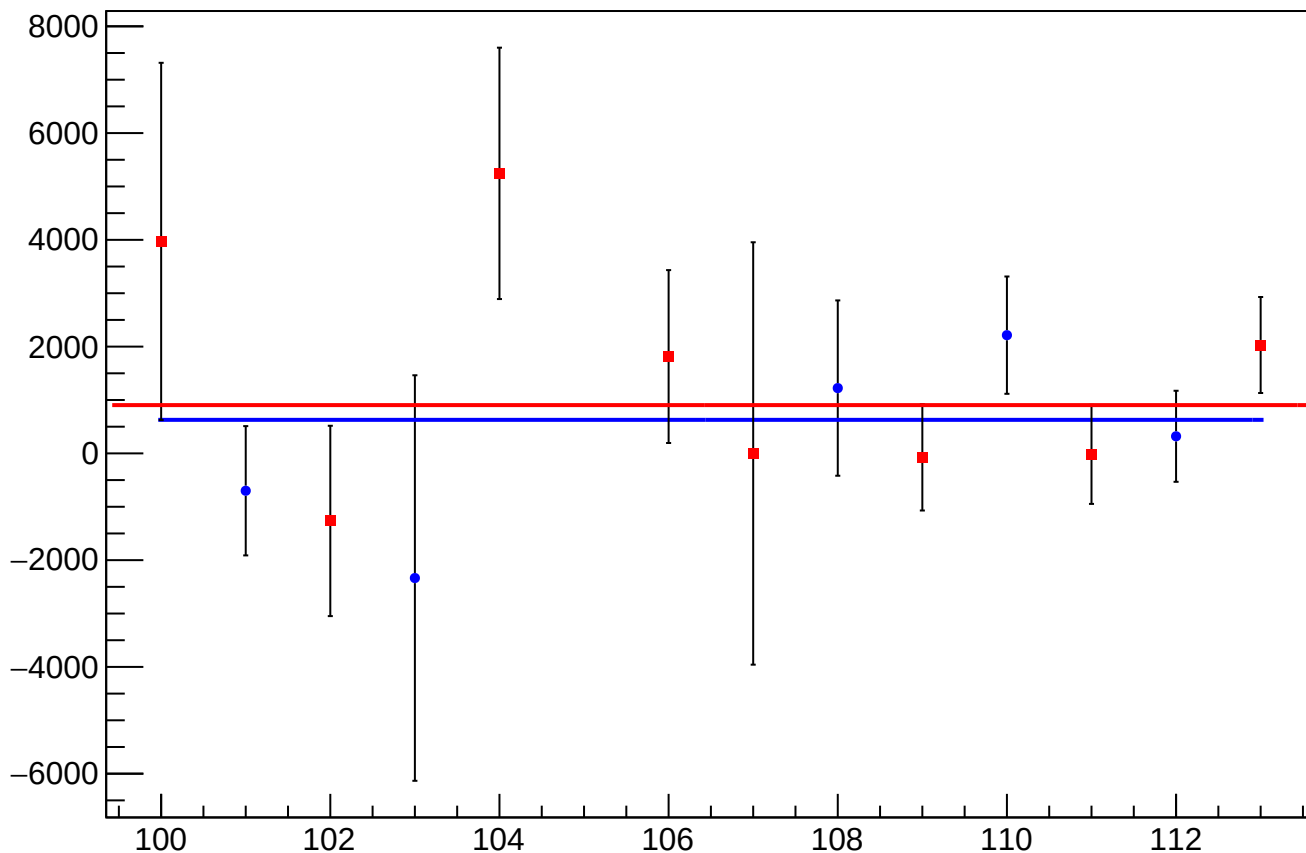
Right: 1535.688+/-0.455 χ^2/NDF : 157179.4/12

In: 1478.858+/-0.662 χ^2/NDF : 71226.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1535.688+/-0.455 χ^2/NDF : 157179.4/12

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: 904.402+/-474.902 χ^2/NDF : 9.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

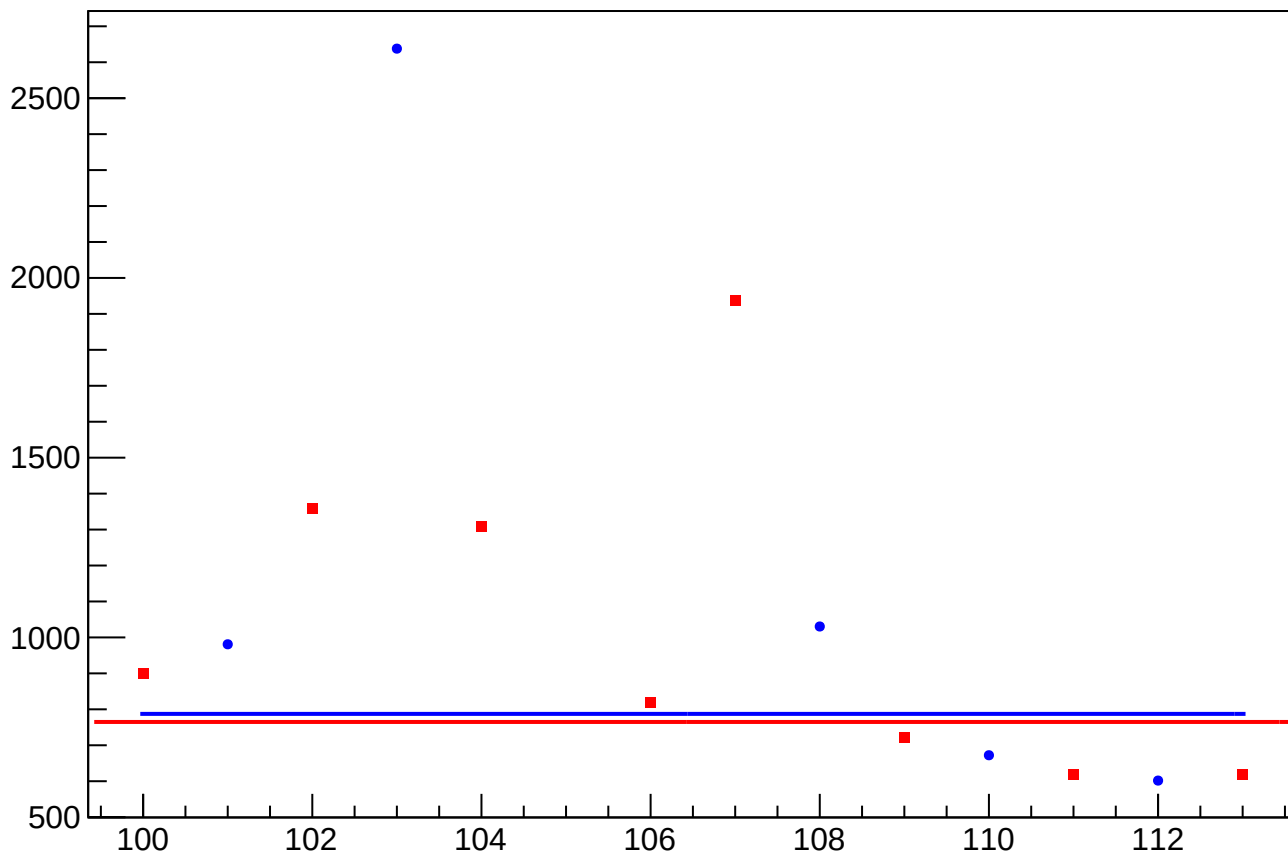
Right: 786.014+/-358.987 χ^2/NDF : 13.9/12

In: 628.175+/-548.351 χ^2/NDF : 4.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 786.014+/-358.987 χ^2/NDF : 13.9/12

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: 764.843+/-0.336 χ^2/NDF : 616474.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

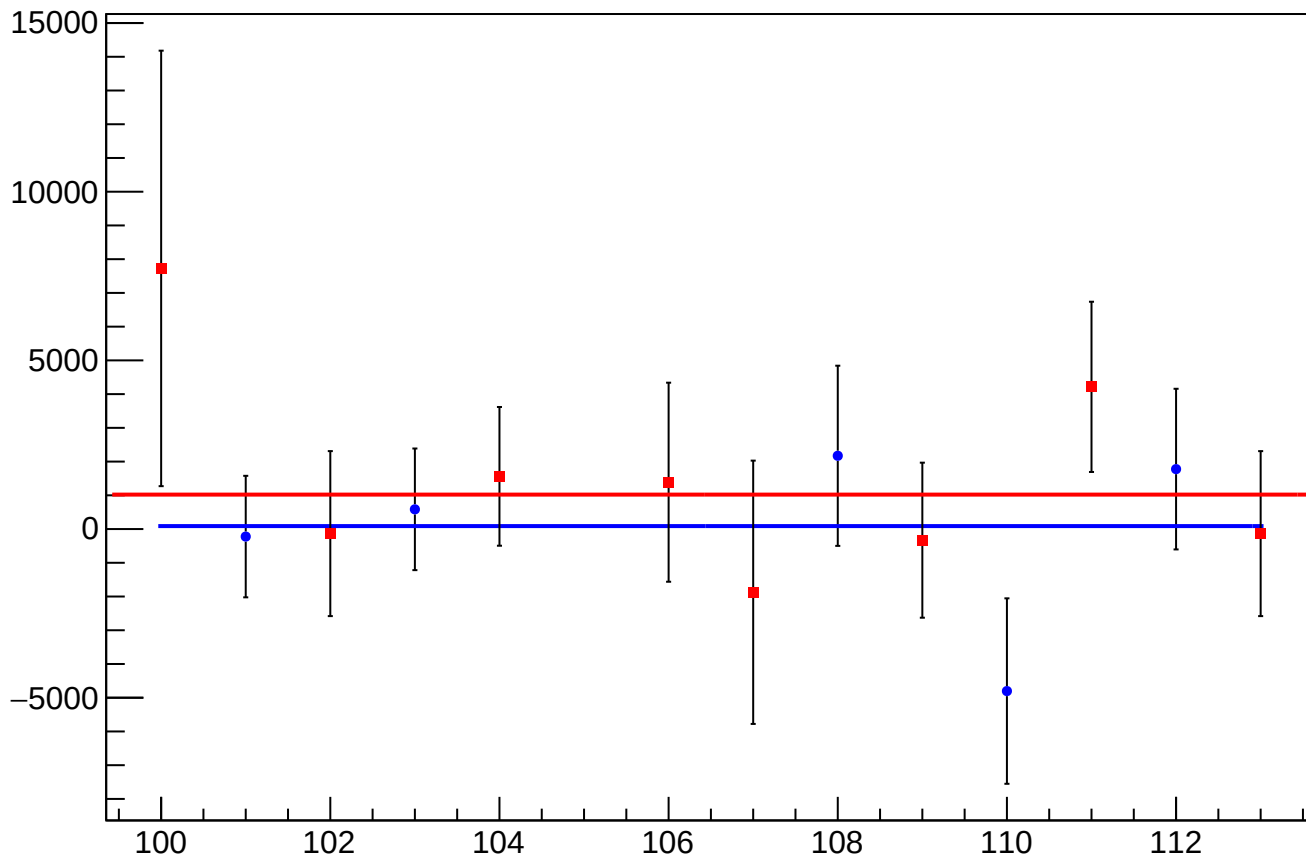
Right: 774.469+/-0.254 χ^2/NDF : 1304704.6/12

In: 787.303+/-0.388 χ^2/NDF : 686313.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 774.469+/-0.254 χ^2/NDF : 1304704.6/12

dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 87.833 $\pm$ 969.047 χ^2 /NDF: 4.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1021.112 $\pm$ 944.110 χ^2 /NDF: 4.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

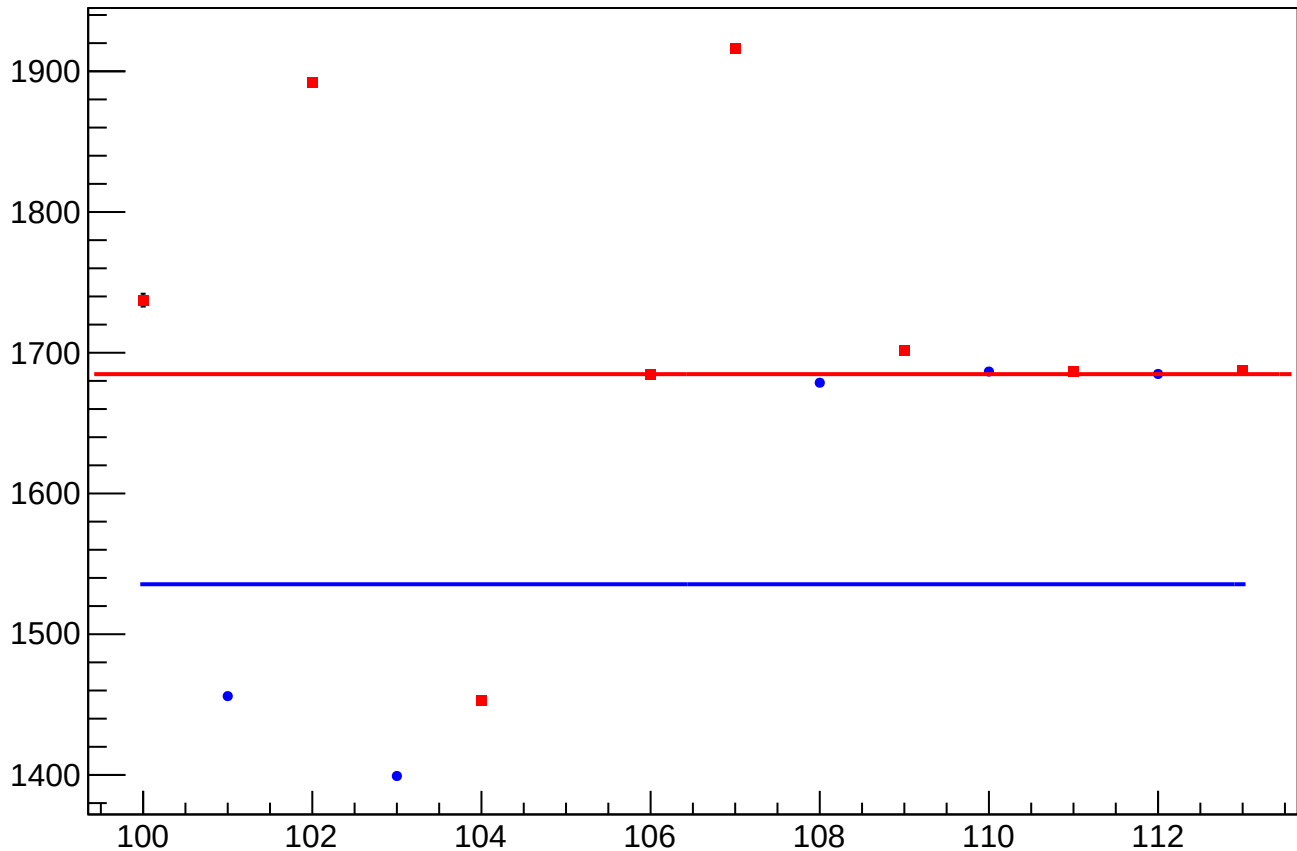
Right: 566.635 $\pm$ 676.231 χ^2 /NDF: 9.0/12

In: 87.833 $\pm$ 969.047 χ^2 /NDF: 4.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 566.635 $\pm$ 676.231 χ^2 /NDF: 9.0/12

dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1535.506+/-0.685 χ^2/NDF : 34992.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1684.797+/-0.668 χ^2/NDF : 47064.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

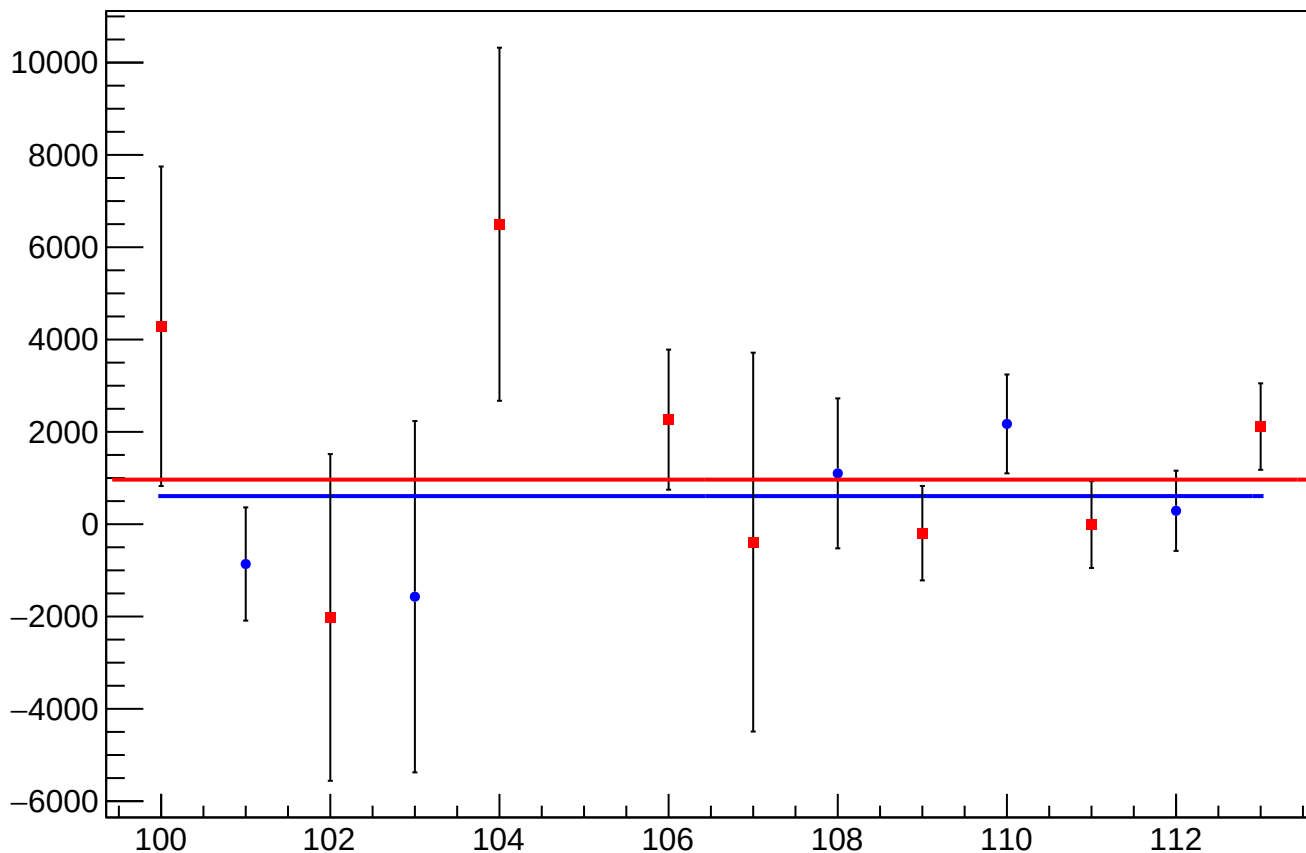
Right: 1612.097+/-0.478 χ^2/NDF : 106410.3/12

In: 1535.506+/-0.685 χ^2/NDF : 34992.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1612.097+/-0.478 χ^2/NDF : 106410.3/12

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: 965.521+/-502.975 χ^2/NDF : 8.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

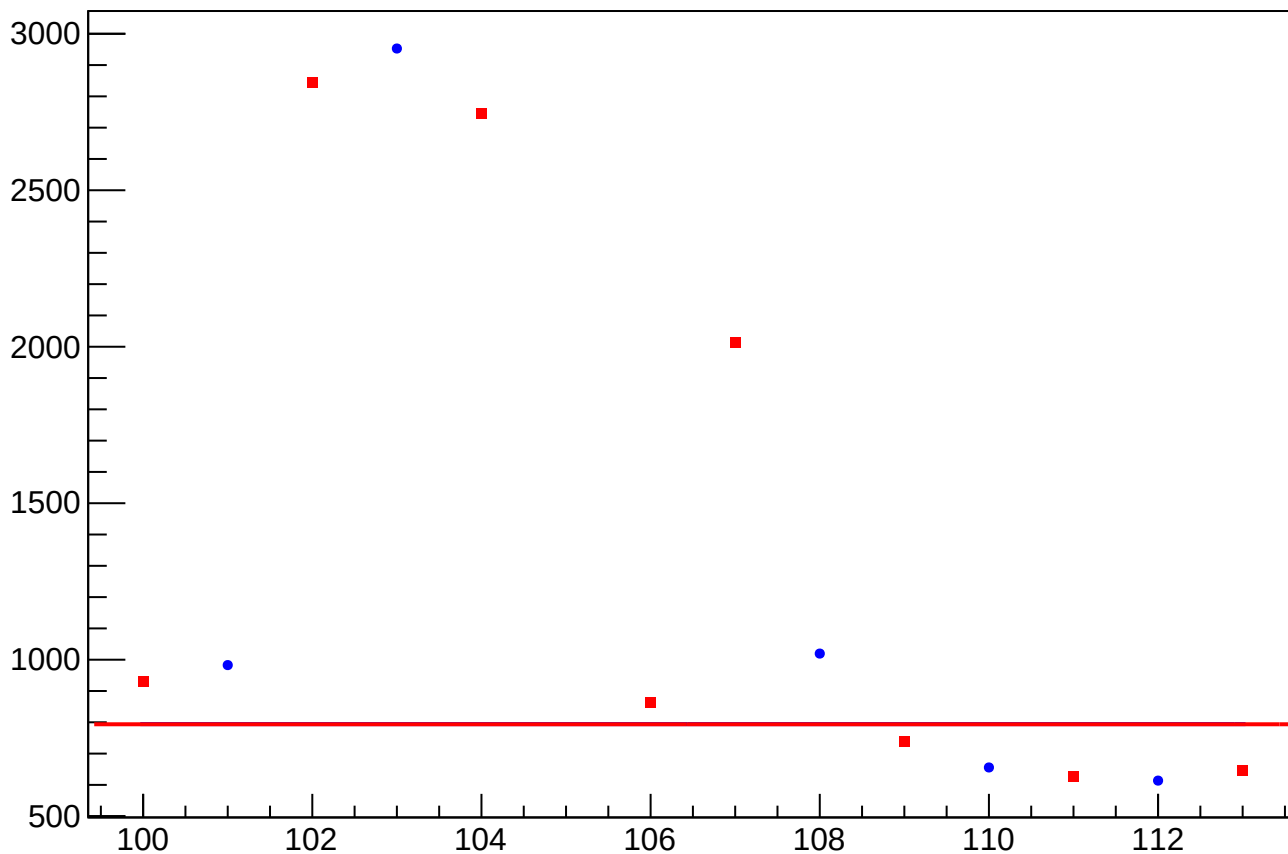
Right: 802.968+/-371.095 χ^2/NDF : 12.8/12

In: 608.771+/-549.756 χ^2/NDF :4.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 802.968+/-371.095 χ^2/NDF : 12.8/12

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: 793.690+/-0.356 χ^2/NDF : 1494359.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

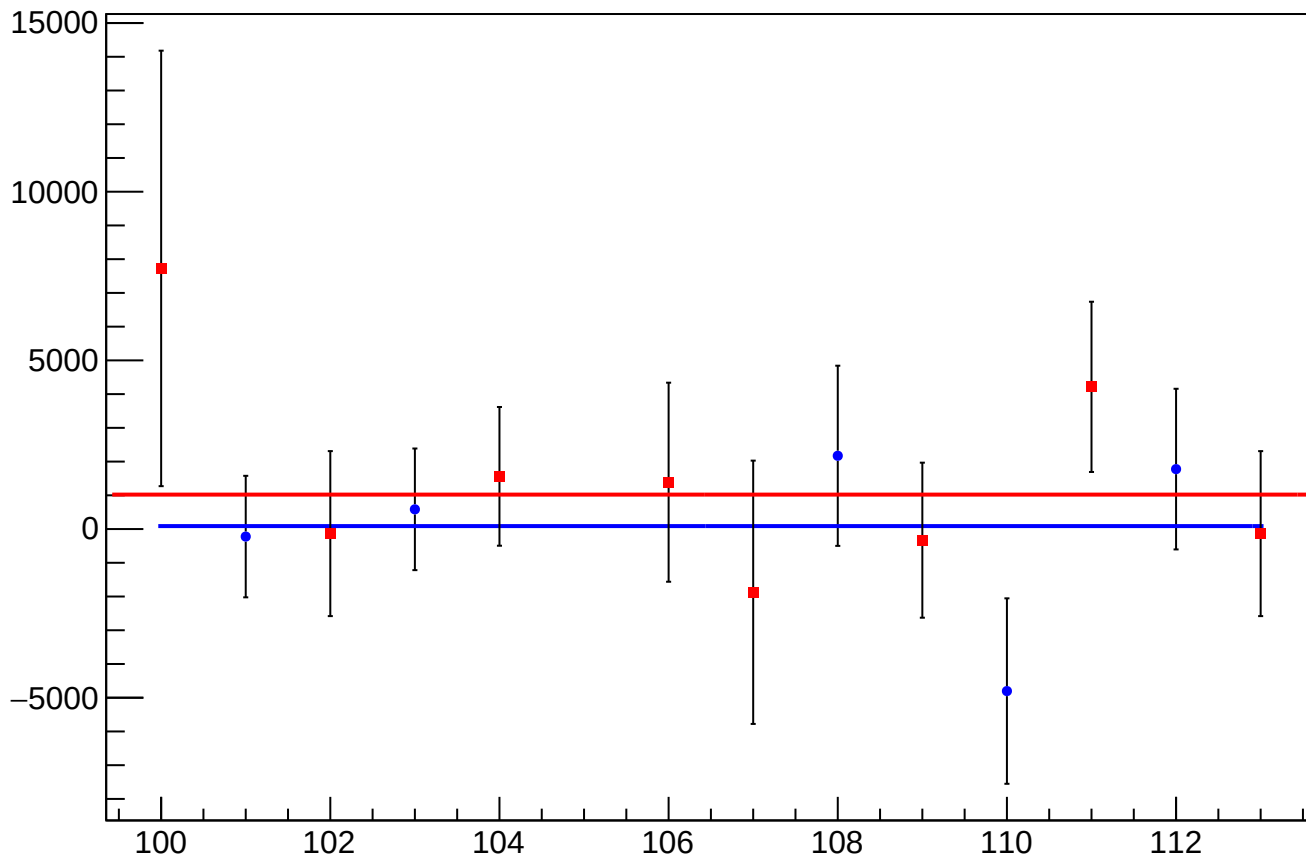
Right: 793.933+/-0.262 χ^2/NDF : 2343364.5/12

In: 794.224+/-0.389 χ^2/NDF : 849003.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 793.933+/-0.262 χ^2/NDF : 2343364.5/12

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: 1021.113+/-944.110 χ^2/NDF : 4.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

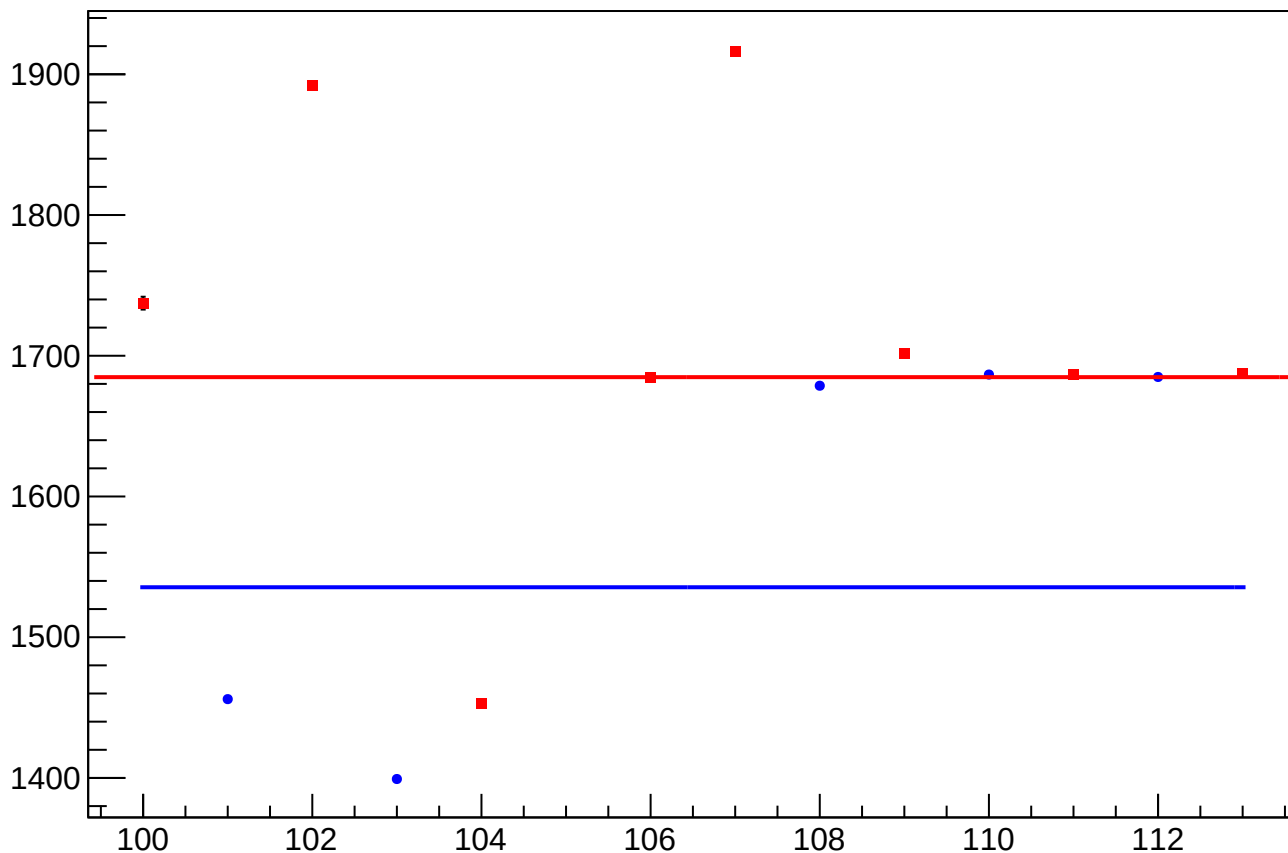
Right: 566.637+/-676.230 χ^2/NDF : 9.0/12

In: 87.836+/-969.046 χ^2/NDF : 4.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 566.637+/-676.230 χ^2/NDF : 9.0/12

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: 1684.797+/-0.668 χ^2/NDF : 47064.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

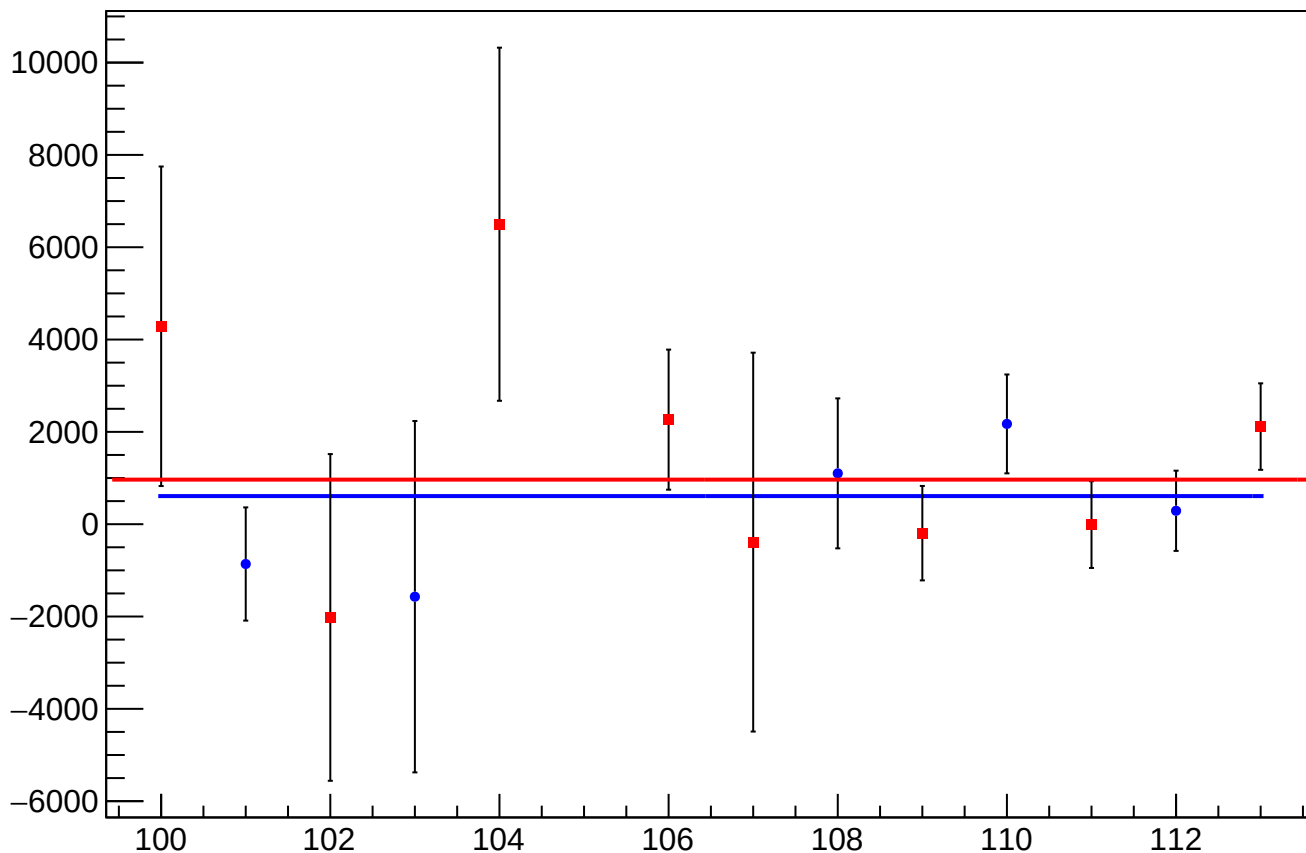
Right: 1612.097+/-0.478 χ^2/NDF : 106411.0/12

In: 1535.505+/-0.685 χ^2/NDF : 34993.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1612.097+/-0.478 χ^2/NDF : 106411.0/12

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: 965.519+/-502.975 χ^2/NDF : 8.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

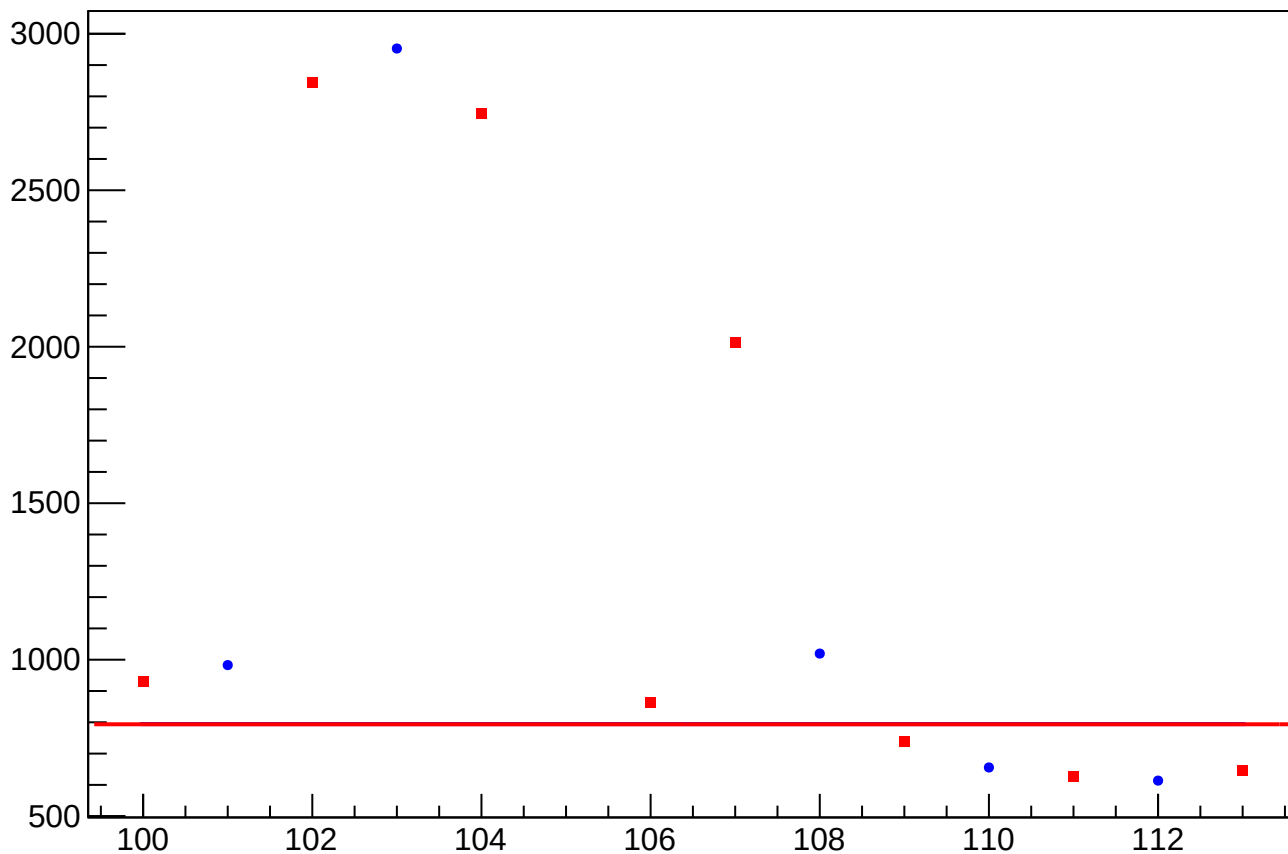
Right: 802.967+/-371.095 χ^2/NDF : 12.8/12

In: 608.771+/-549.756 χ^2/NDF : 4.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 802.967+/-371.095 χ^2/NDF : 12.8/12

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: 793.690+/-0.356 χ^2/NDF : 1494361.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

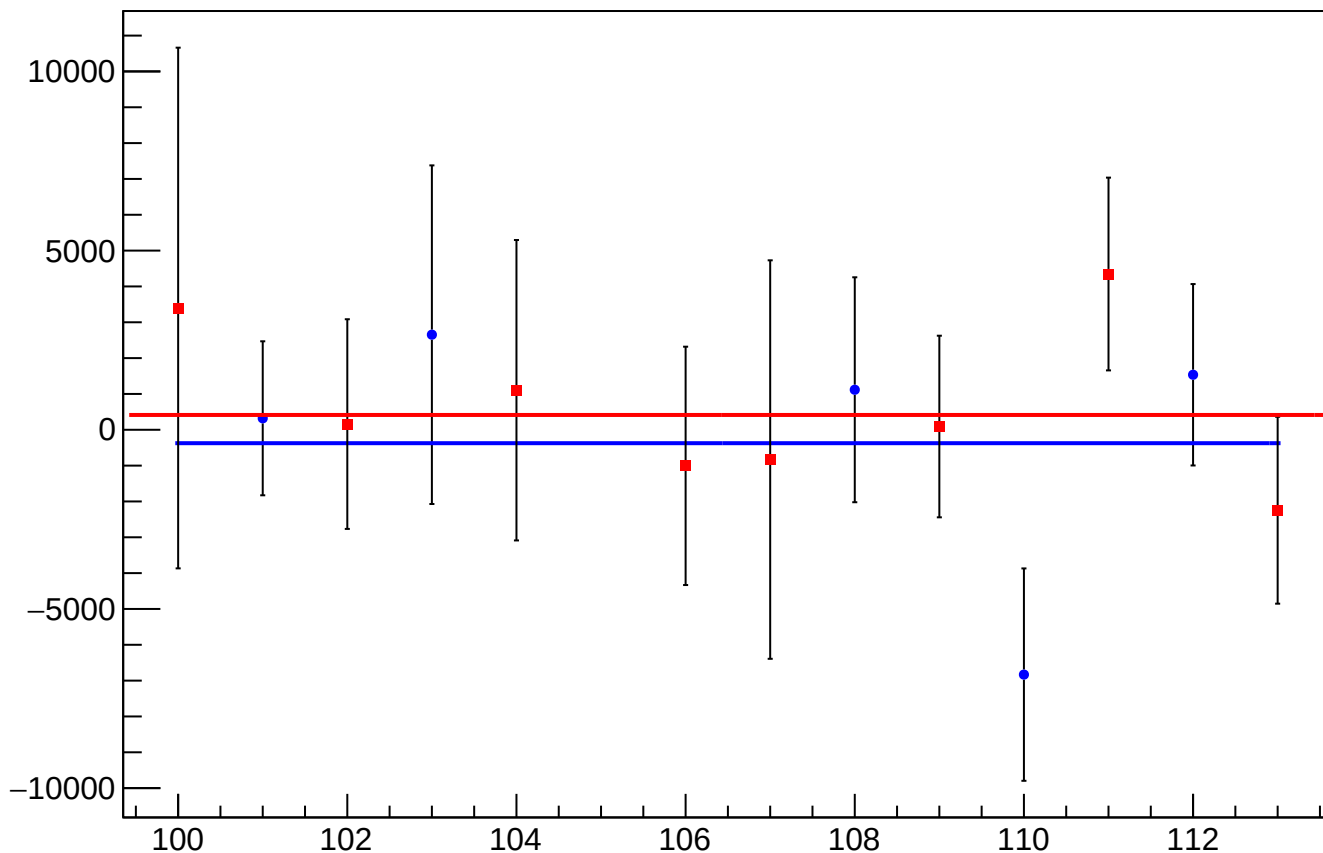
Right: 793.933+/-0.262 χ^2/NDF : 2343364.5/12

In: 794.224+/-0.389 χ^2/NDF : 849002.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 793.933+/-0.262 χ^2/NDF : 2343364.5/12

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: 413.538+/-1149.783 χ^2/NDF : 3.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

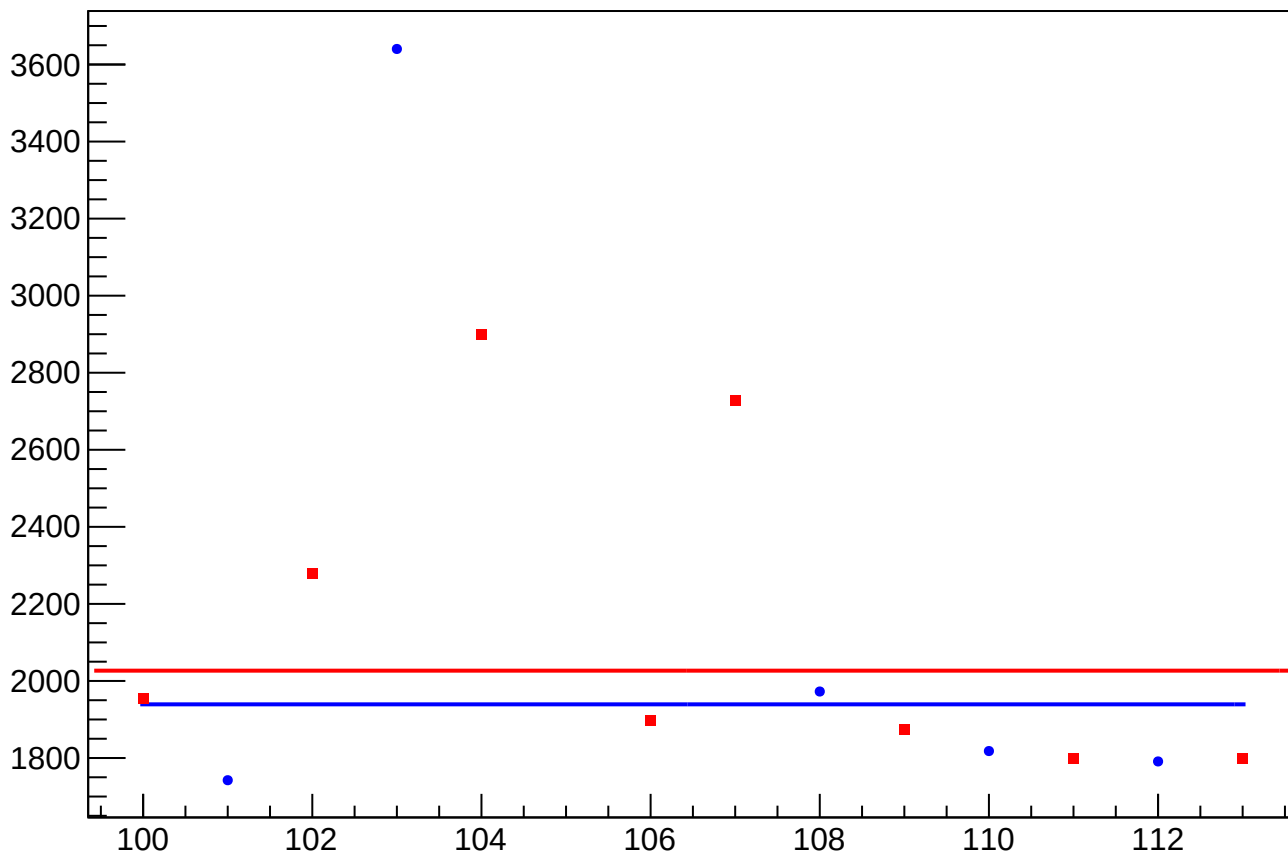
Right: 54.661+/-848.412 χ^2/NDF : 9.9/12

In: -374.300+/-1257.050 χ^2/NDF : 6.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.661+/-848.412 χ^2/NDF : 9.9/12

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: 2026.723+/-0.813 χ^2/NDF : 173460.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

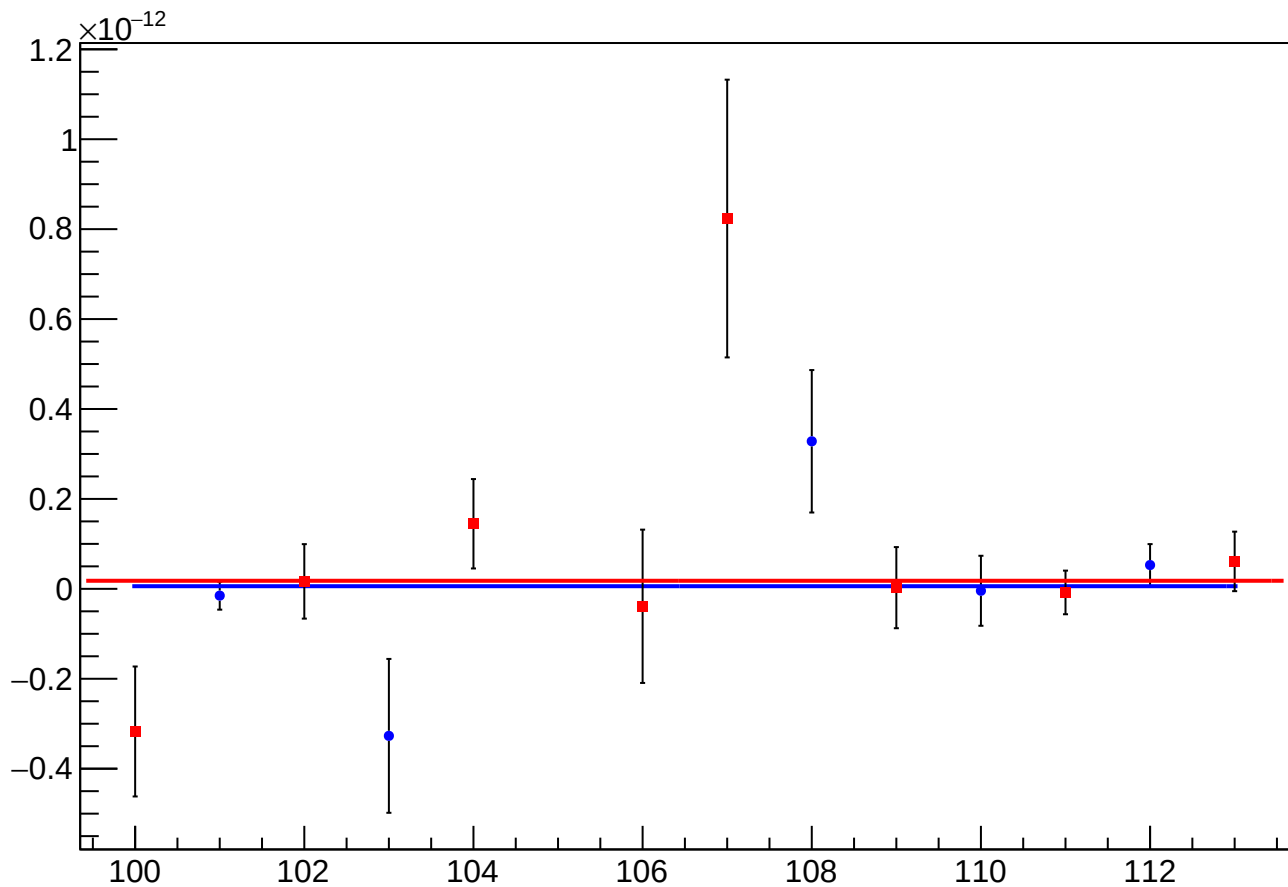
Right: 1986.899+/-0.600 χ^2/NDF : 465202.4/12

In: 1939.298+/-0.889 χ^2/NDF : 286474.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1986.899+/-0.600 χ^2/NDF : 465202.4/12

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 : 14.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

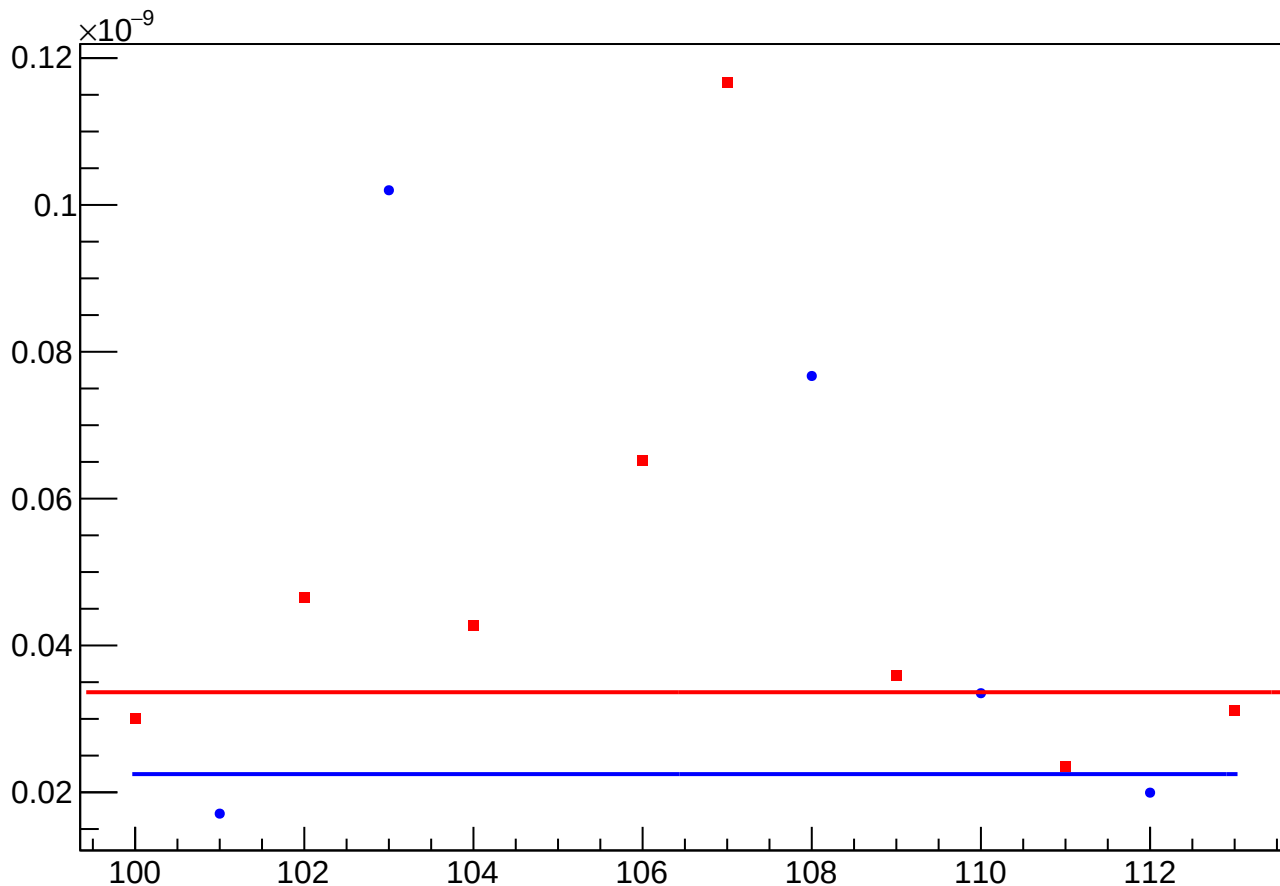
Right: 0.000+/-0.000 χ^2/NDF : 24.2/12

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 : 24.2/12

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 : 370878.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

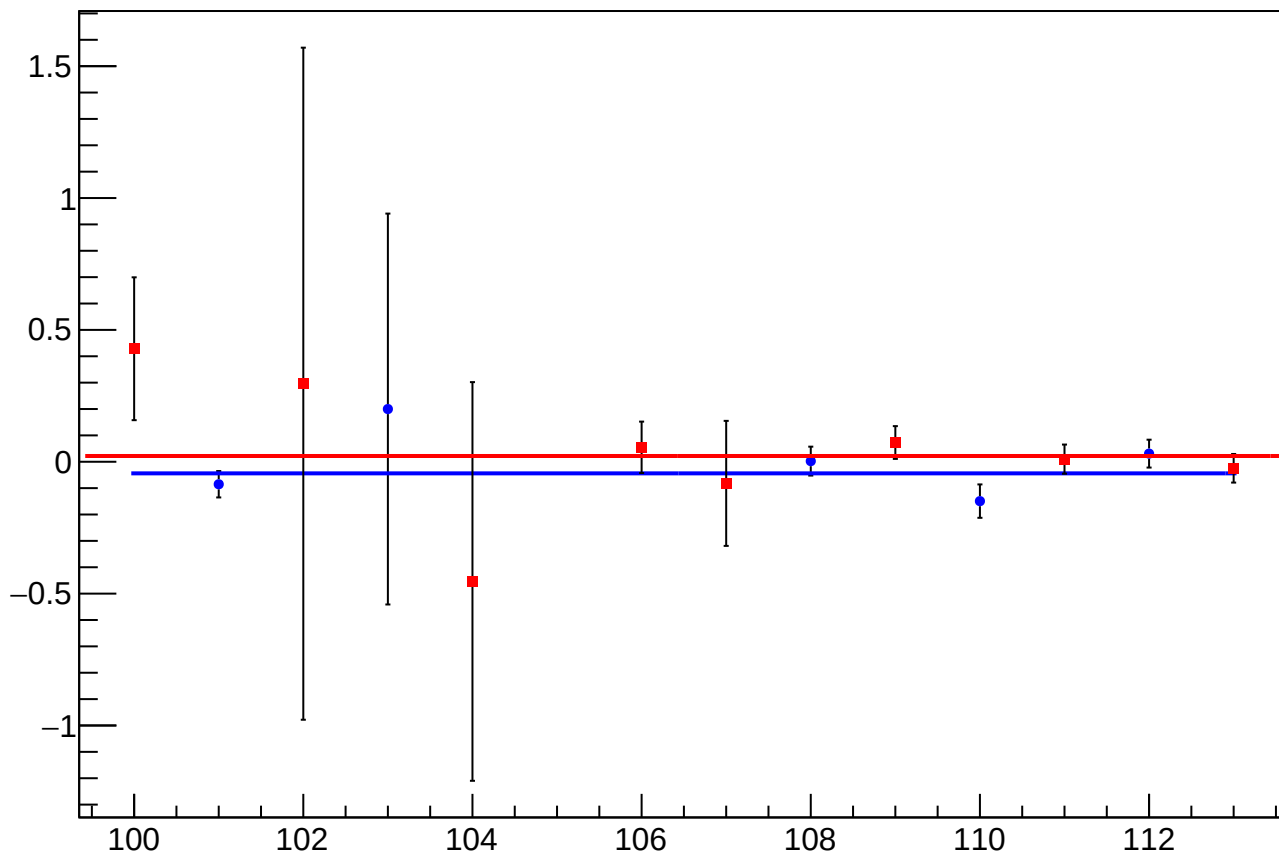
Right: 0.000+/-0.000 χ^2/NDF : 1311268.8/12

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 : 1311268.8/12

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: 0.022+/-0.031 χ^2/NDF : 4.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

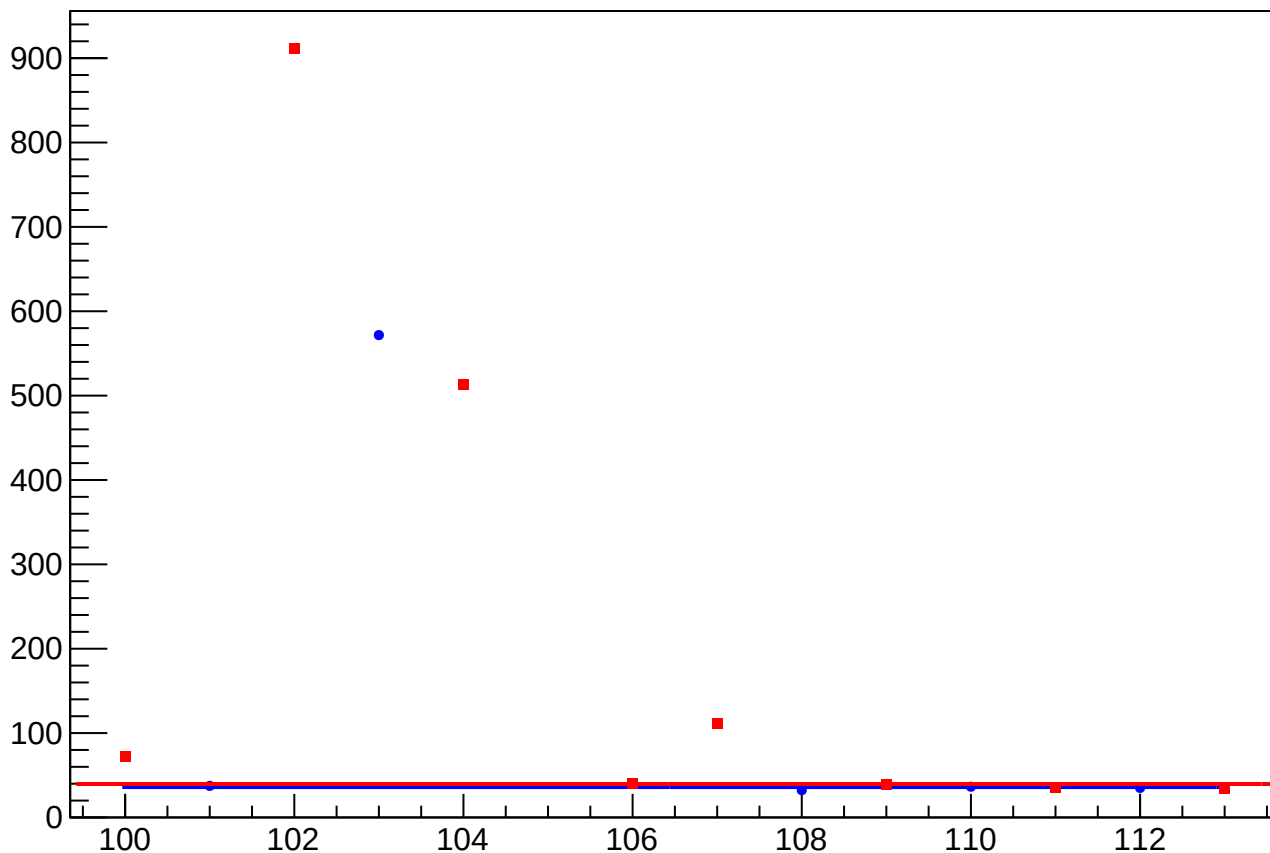
Right: -0.015+/-0.020 χ^2/NDF : 13.3/12

In: -0.044+/-0.027 χ^2/NDF : 6.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.015+/-0.020 χ^2/NDF : 13.3/12

asym_usl_atl1_dd_dit_vs_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: 39.649+/-0.022 χ^2/NDF : 1963013.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

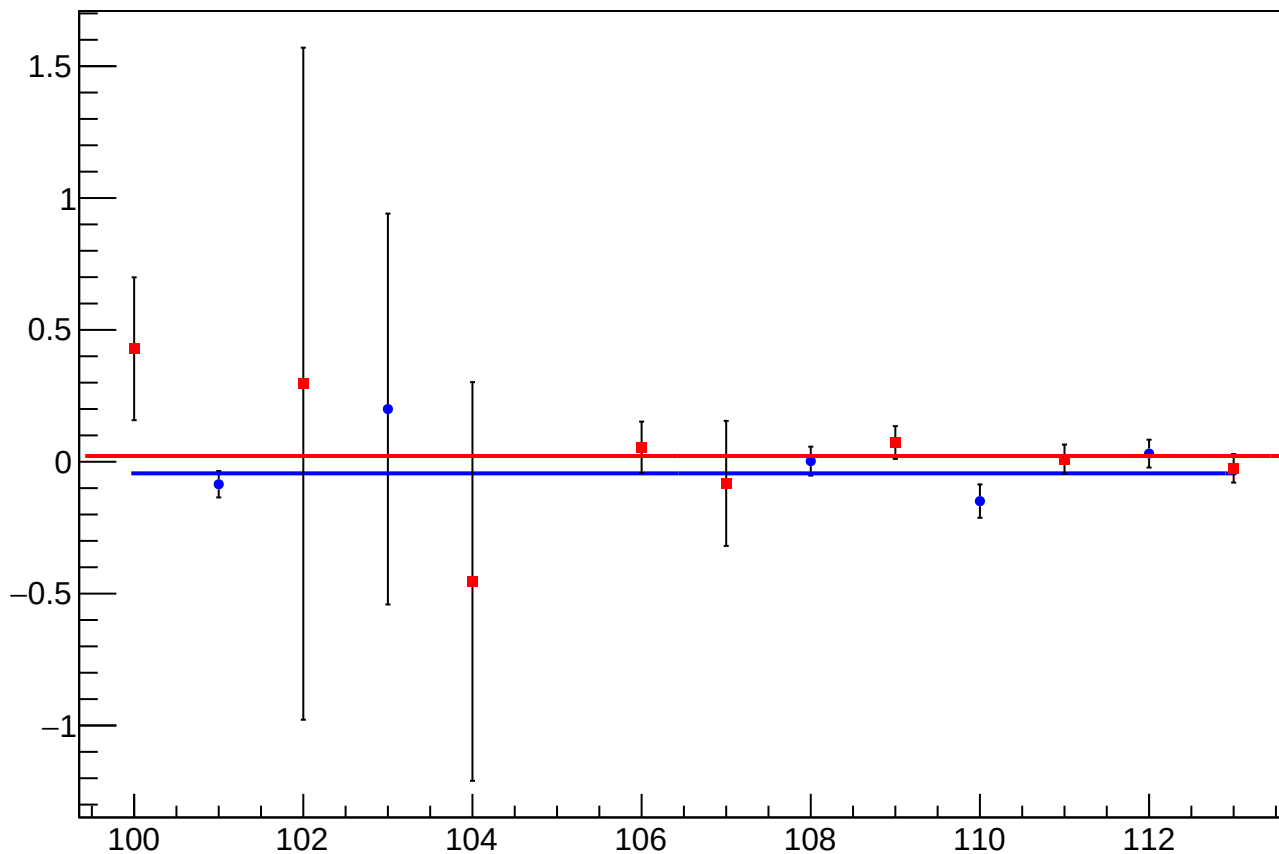
Right: 37.649+/-0.014 χ^2/NDF : 3034691.1/12

In: 36.060+/-0.019 χ^2/NDF : 1056373.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.649+/-0.014 χ^2/NDF : 3034691.1/12

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.044 $\pm$ 0.027 χ^2 /NDF: 6.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.022 $\pm$ 0.031 χ^2 /NDF: 4.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

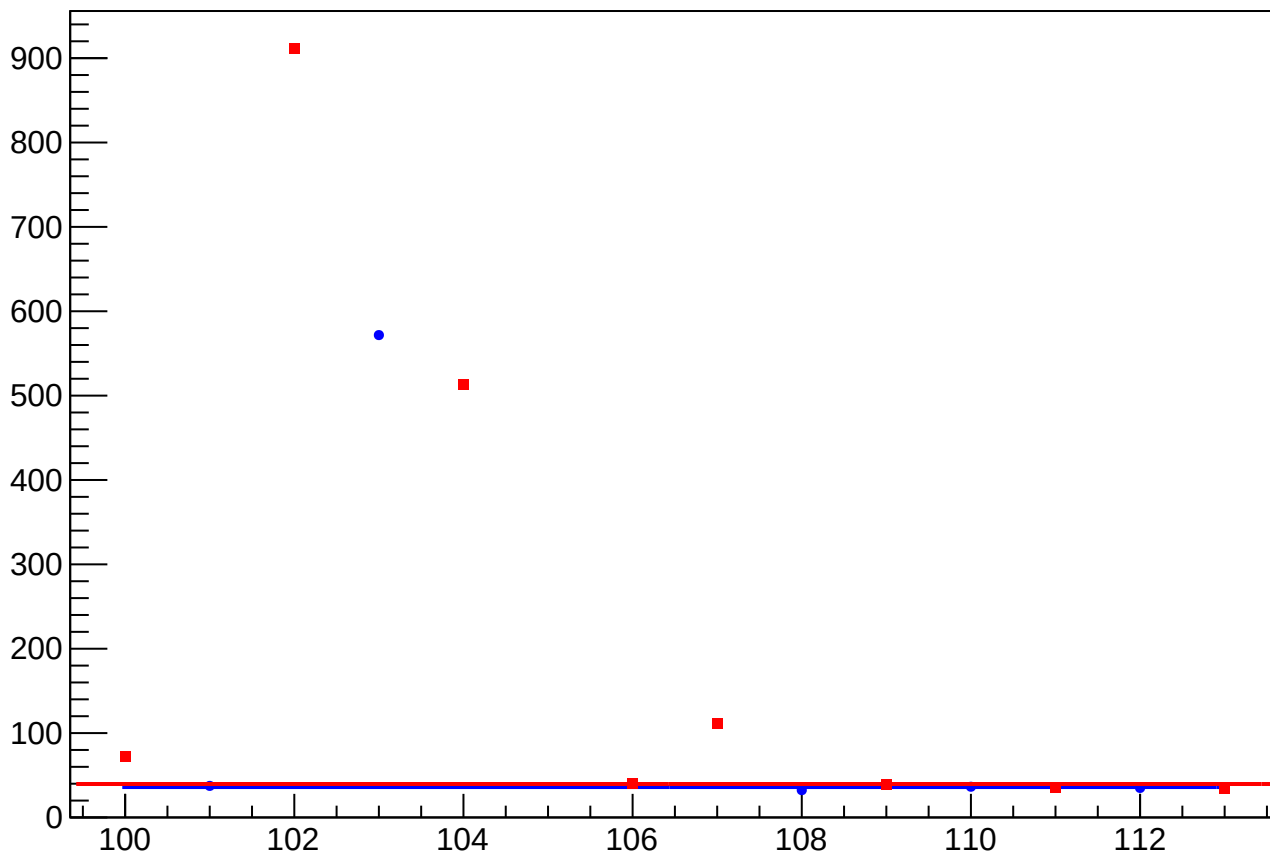
Right: -0.015 $\pm$ 0.020 χ^2 /NDF: 13.3/12

In: -0.044 $\pm$ 0.027 χ^2 /NDF:6.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.015 $\pm$ 0.020 χ^2 /NDF: 13.3/12

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: 39.649+/-0.022 χ^2/NDF : 1963013.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

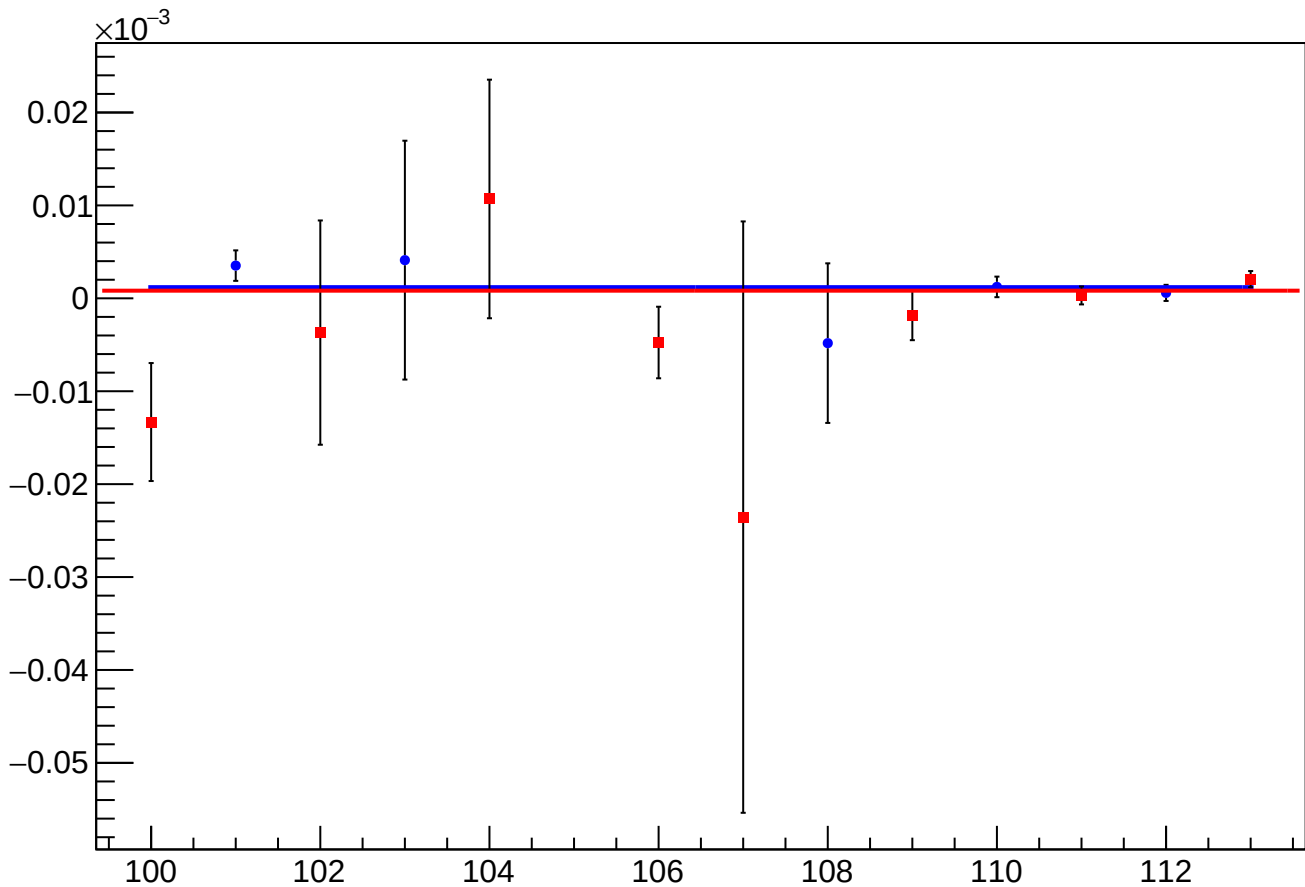
Right: 37.649+/-0.014 χ^2/NDF : 3034691.1/12

In: 36.060+/-0.019 χ^2/NDF : 1056373.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.649+/-0.014 χ^2/NDF : 3034691.1/12

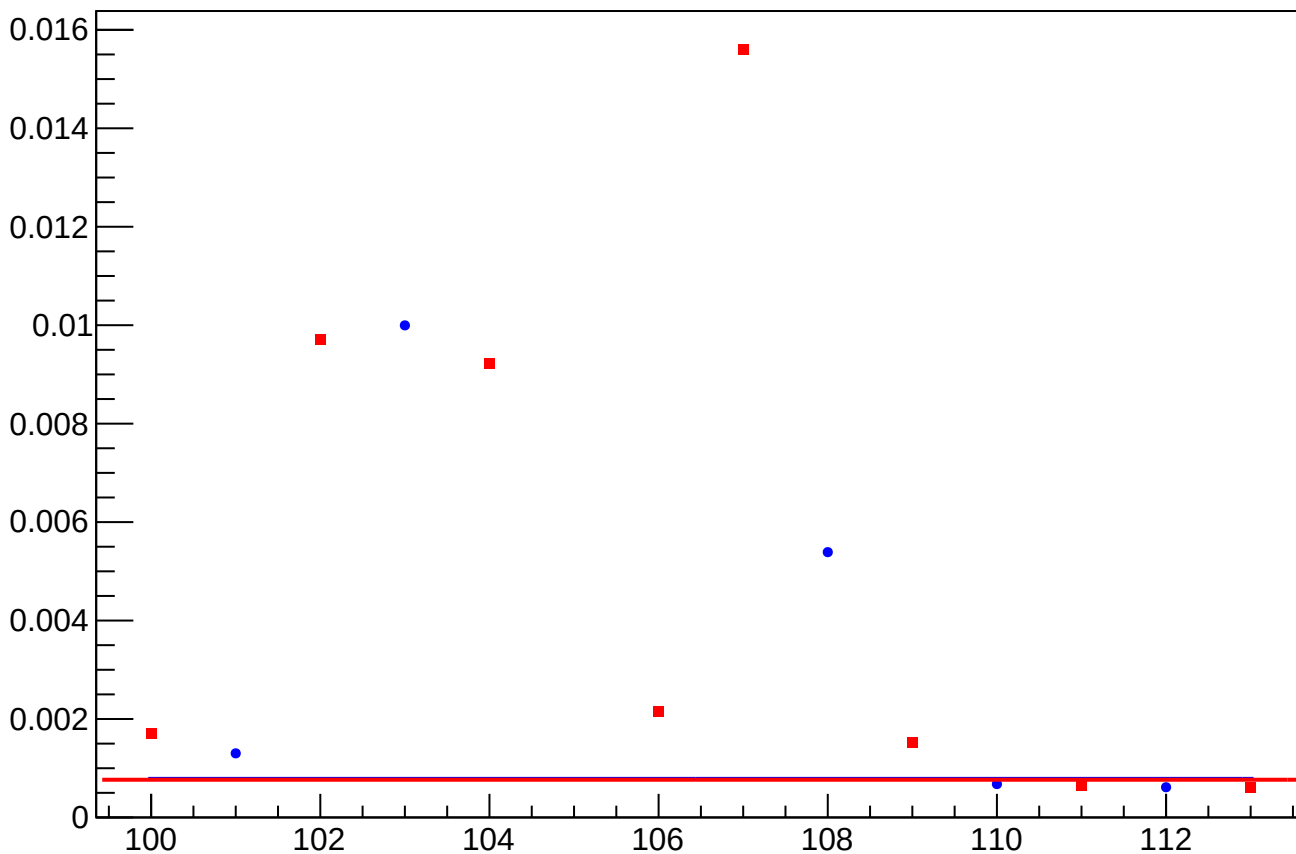
asym_usl_atl1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 11.7/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 14.9/12
 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 : 14.9/12

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 : 2974232.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

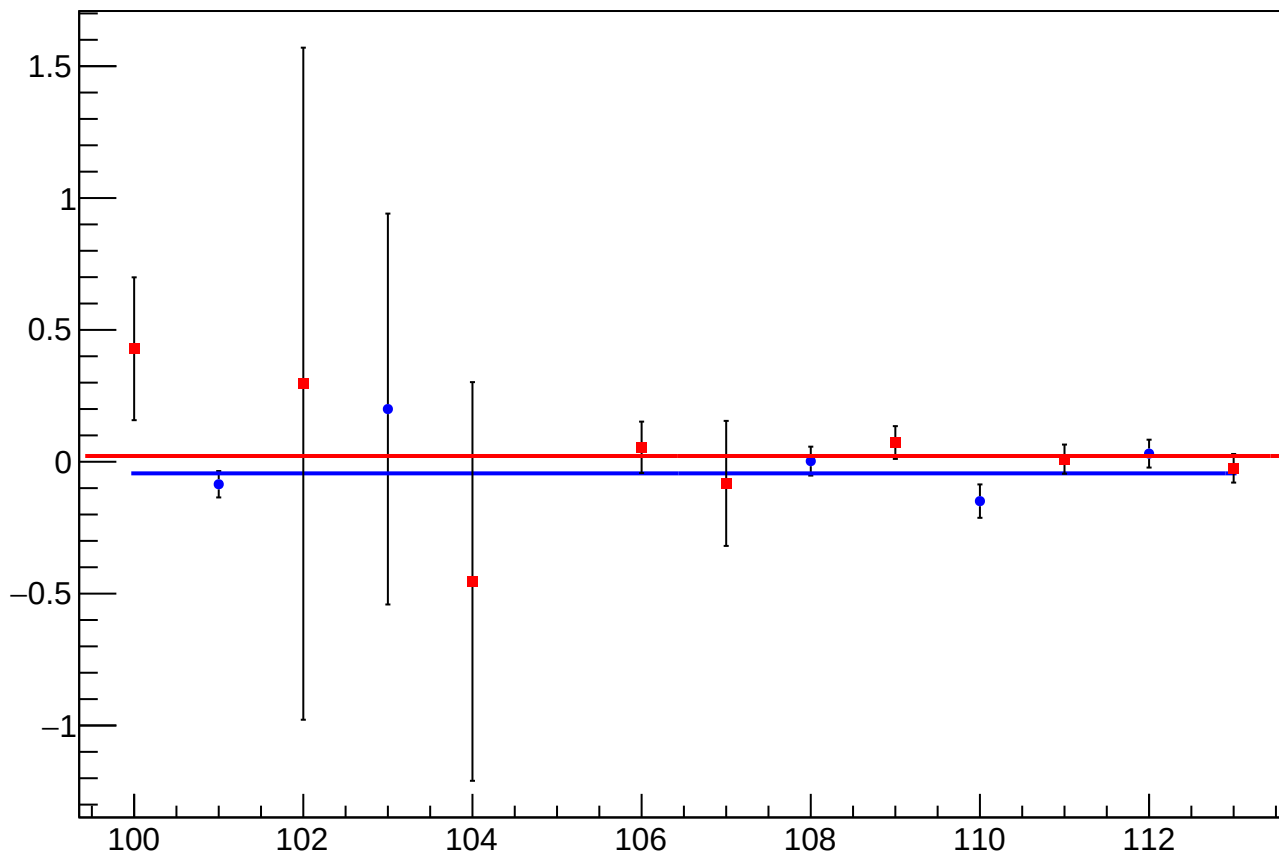
Right: 0.001+/-0.000 χ^2/NDF : 4872353.5/12

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 : 4872353.5/12

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: 0.022+/-0.031 χ^2/NDF : 4.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

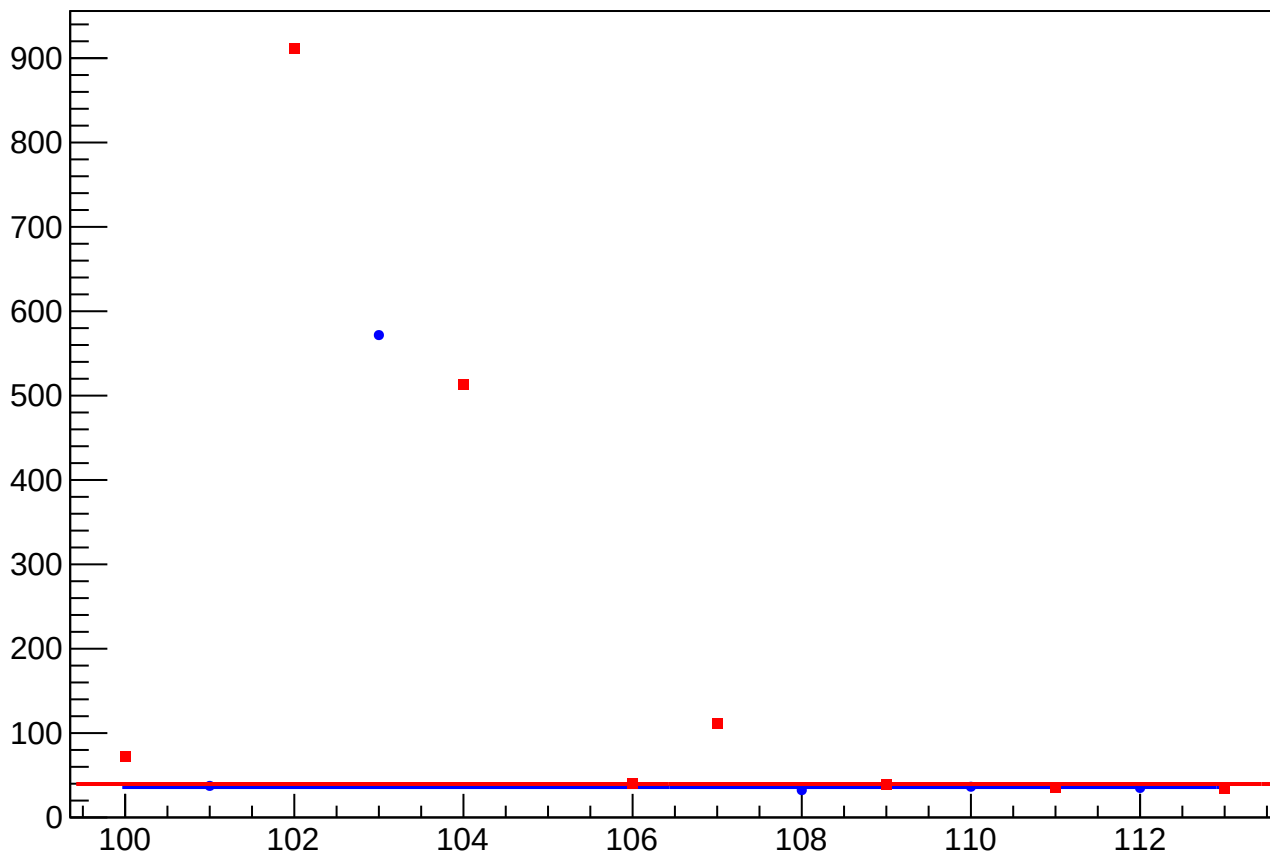
Right: -0.015+/-0.020 χ^2/NDF : 13.3/12

In: -0.044+/-0.027 χ^2/NDF : 6.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.015+/-0.020 χ^2/NDF : 13.3/12

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.060+/-0.019 χ^2/NDF : 1056366.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.650+/-0.022 χ^2/NDF : 1963005.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

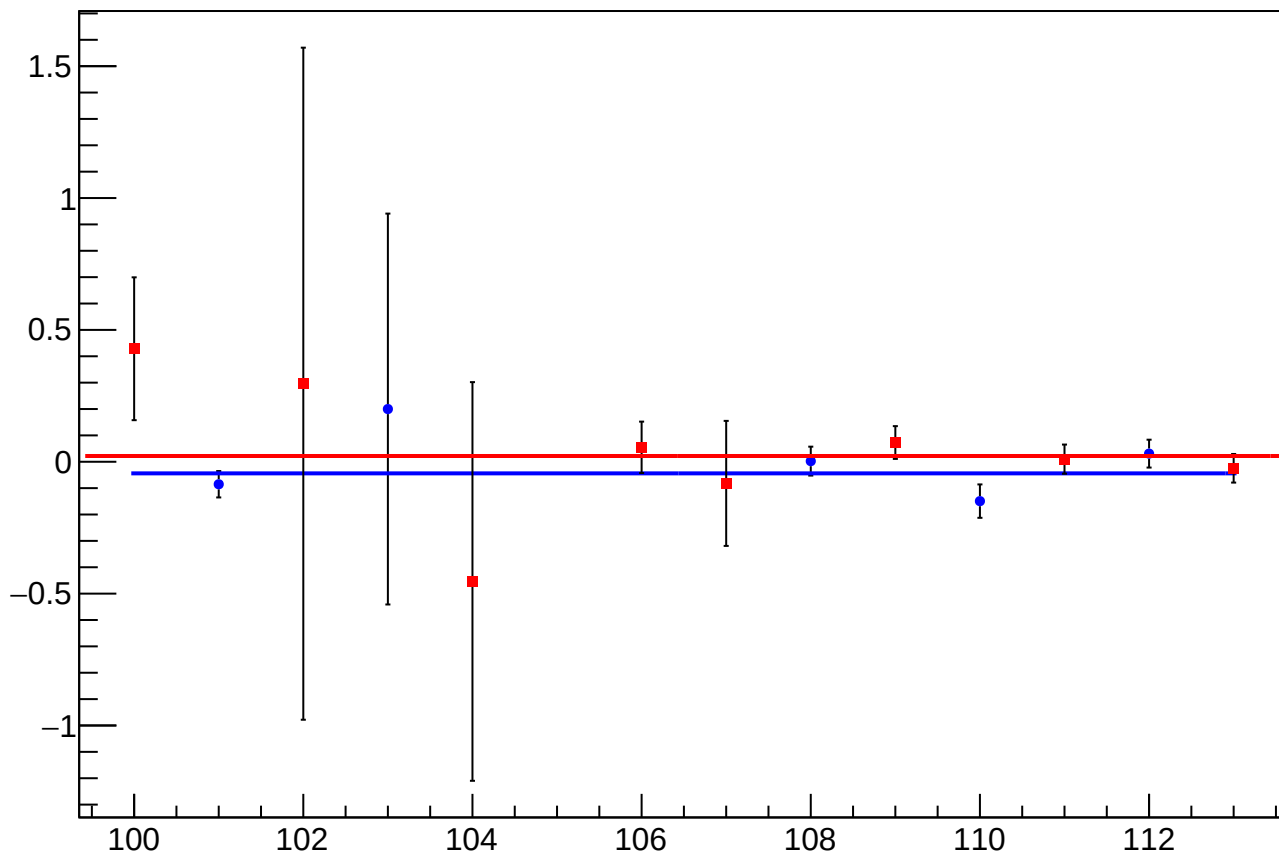
Right: 37.649+/-0.014 χ^2/NDF : 3034679.0/12

In: 36.060+/-0.019 χ^2/NDF : 1056366.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.649+/-0.014 χ^2/NDF : 3034679.0/12

asym_usl_atl1_dd_eigen_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: 0.022+/-0.031 χ^2/NDF : 4.5/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

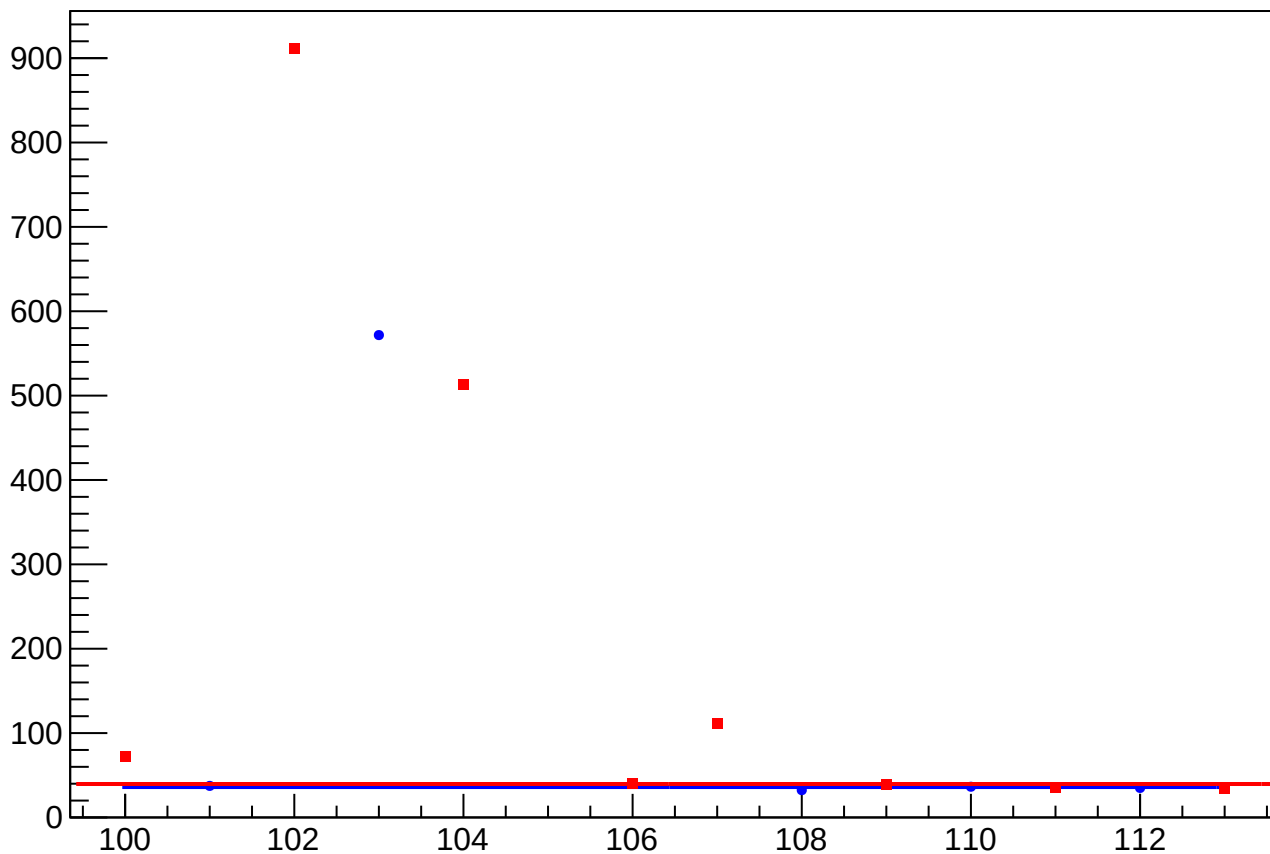
Right: -0.015+/-0.020 χ^2/NDF : 13.3/12

In: -0.044+/-0.027 χ^2/NDF :6.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.015+/-0.020 χ^2/NDF : 13.3/12

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.060+/-0.019 χ^2/NDF : 1056366.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.650+/-0.022 χ^2/NDF : 1963005.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

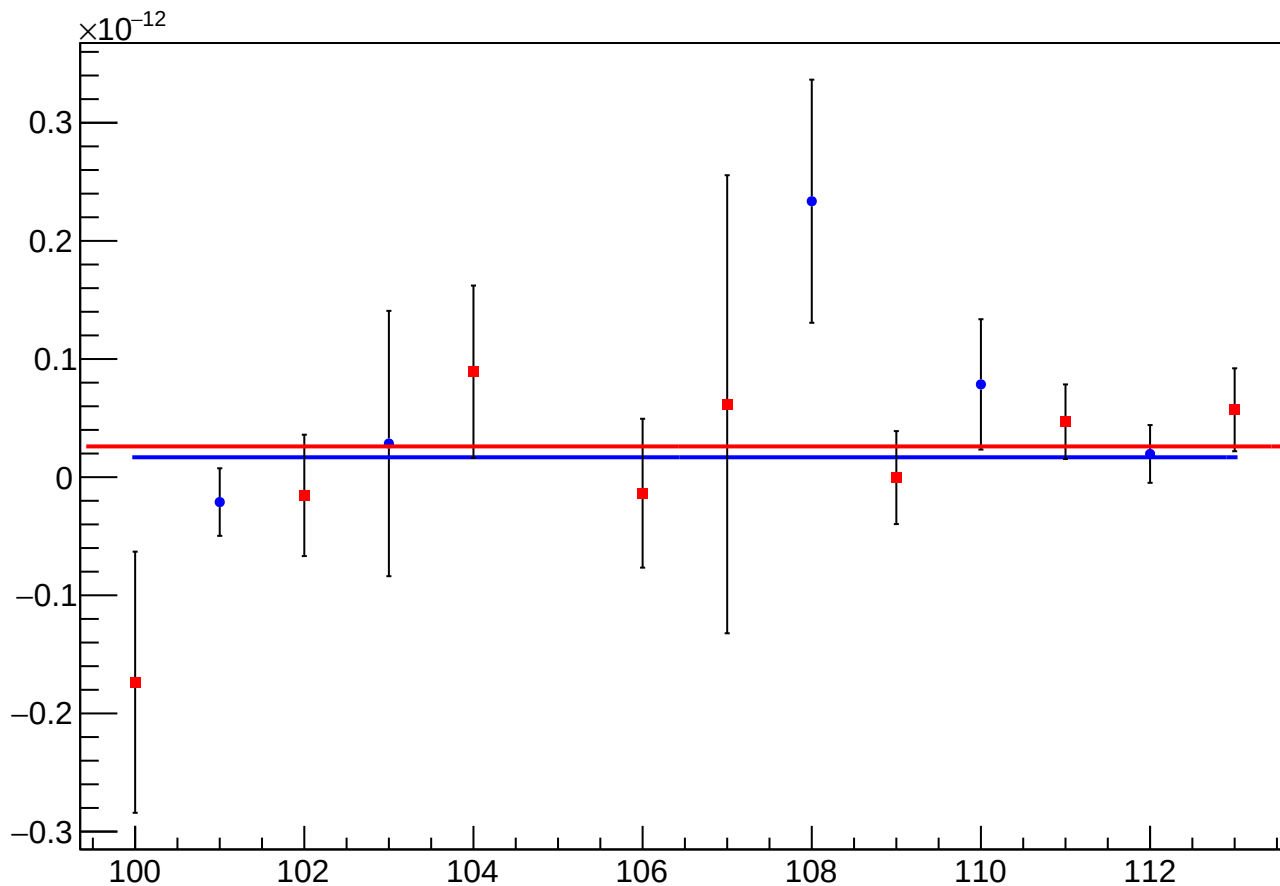
Right: 37.649+/-0.014 χ^2/NDF : 3034679.0/12

In: 36.060+/-0.019 χ^2/NDF : 1056366.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.649+/-0.014 χ^2/NDF : 3034679.0/12

asym_usl_atl1_dd_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 : 6.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

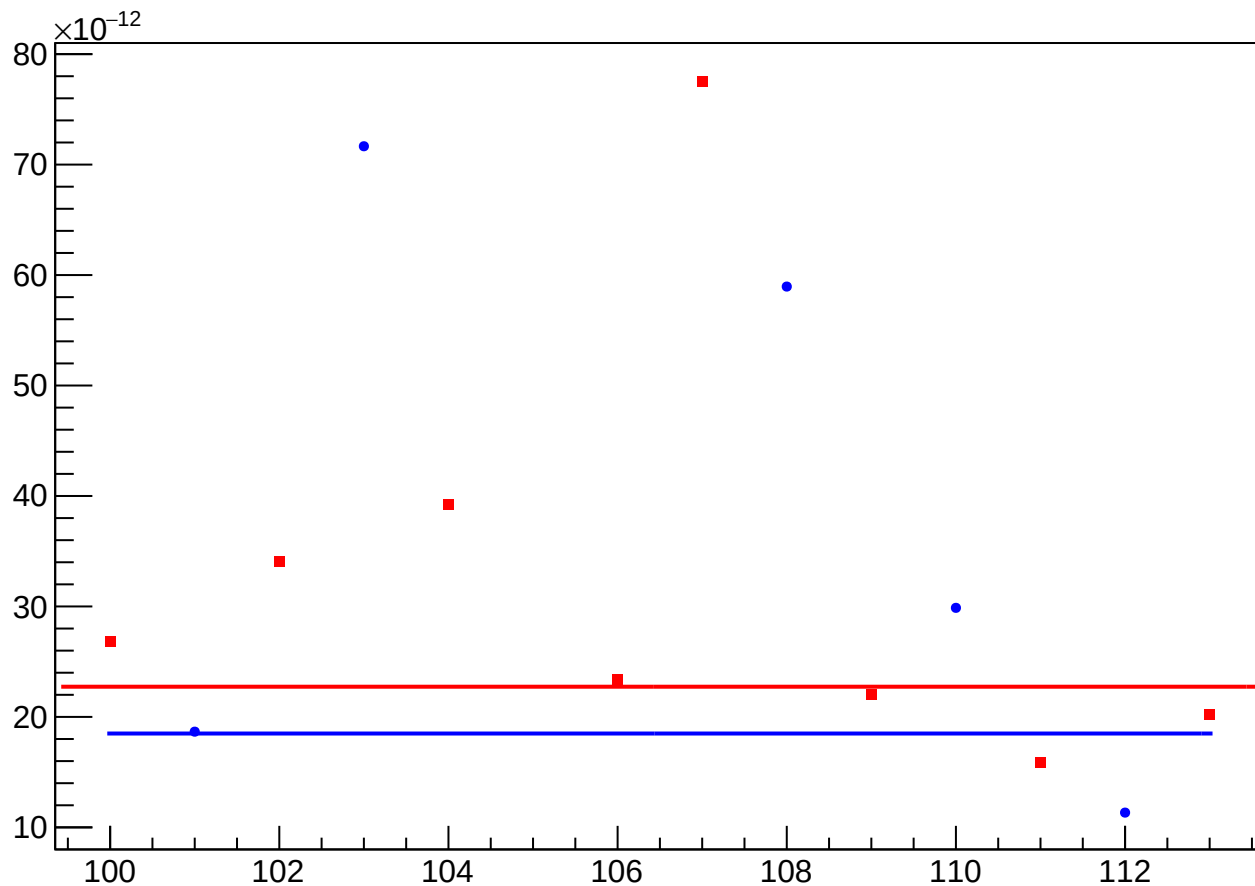
Right: 0.000+/-0.000 χ^2/NDF : 14.4/12

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 : 14.4/12

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 : 467991.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

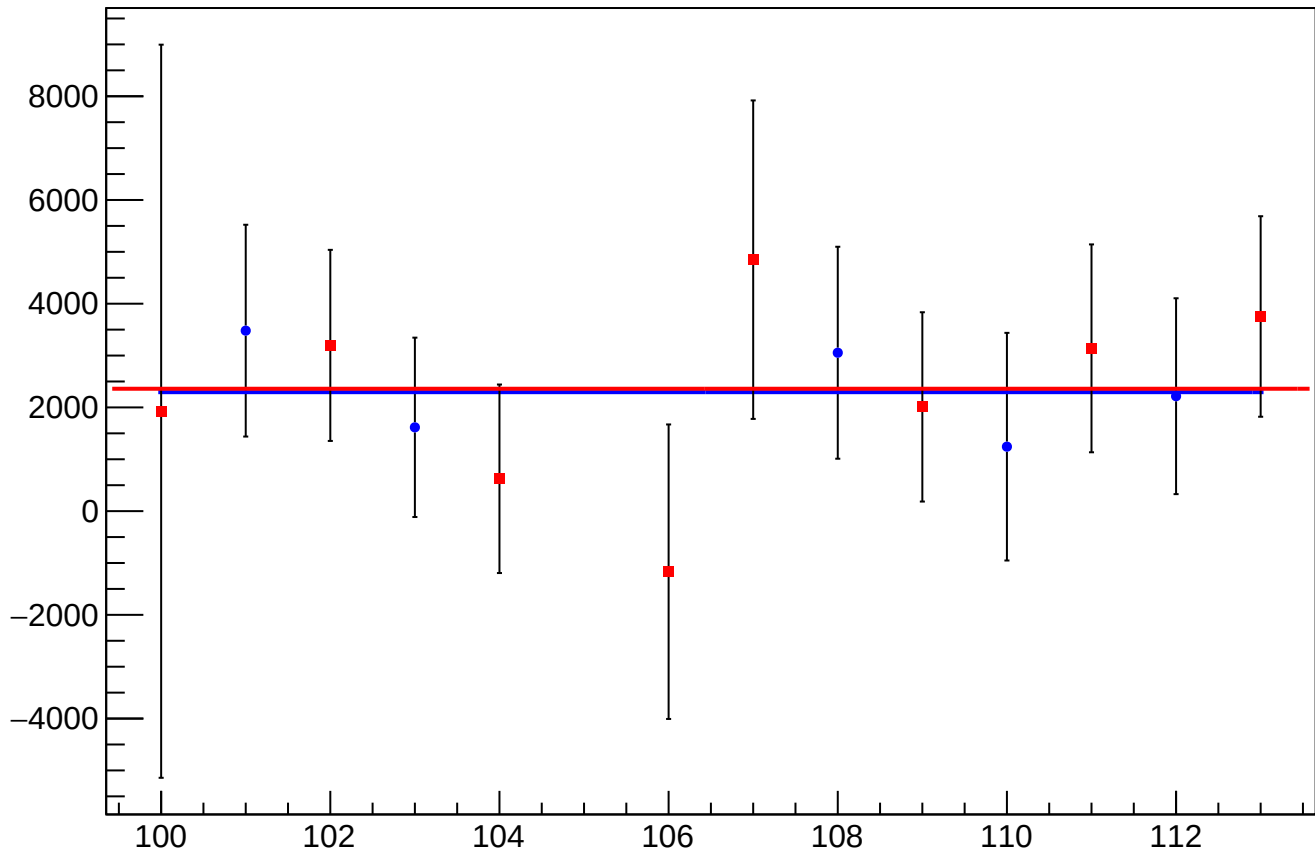
Right: 0.000+/-0.000 χ^2/NDF : 1543036.6/12

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 : 1543036.6/12

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: 2360.007+/-775.208 χ^2/NDF : 4.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

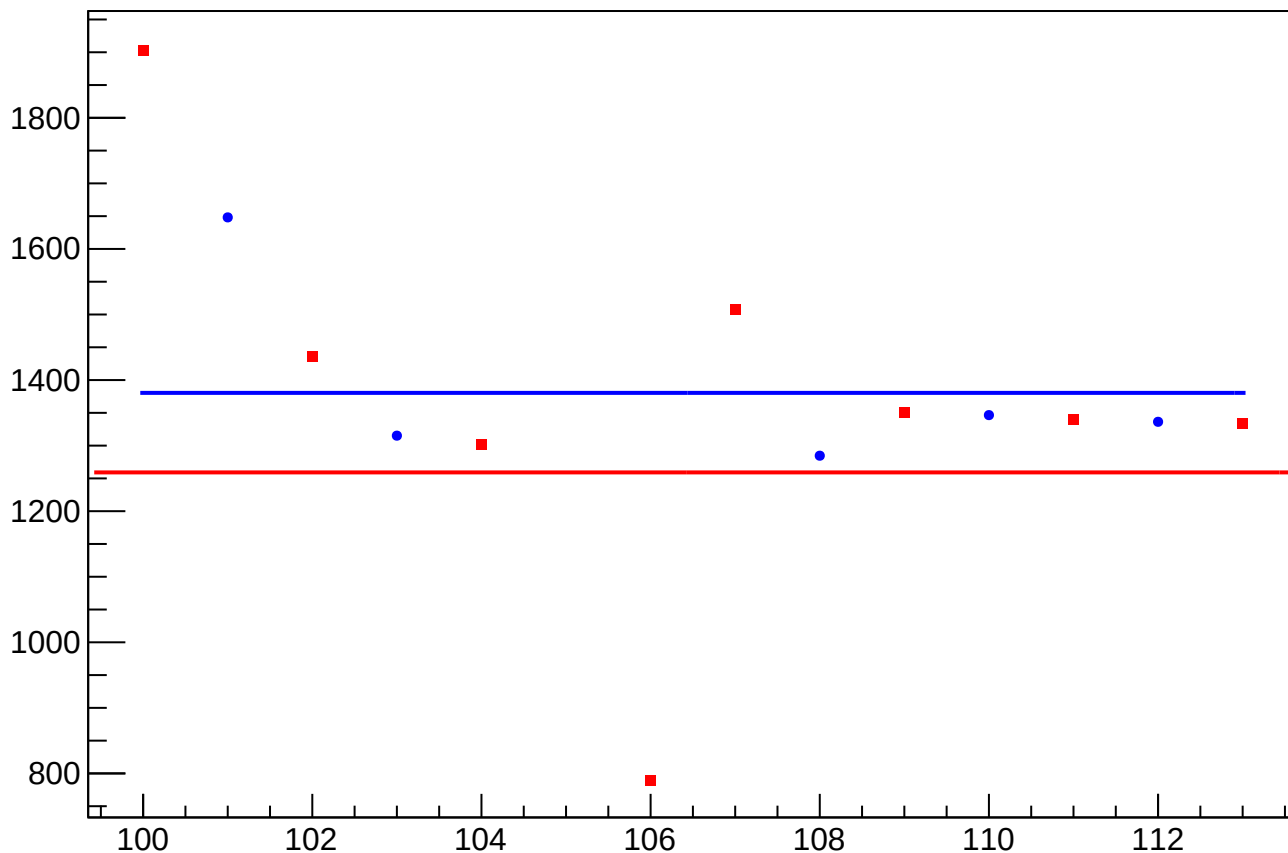
Right: 2330.951+/-580.687 χ^2/NDF : 4.9/12

In: 2293.803+/-876.525 χ^2/NDF : 0.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2330.951+/-580.687 χ^2/NDF : 4.9/12

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: 1259.149+/-0.512 χ^2/NDF : 222306.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

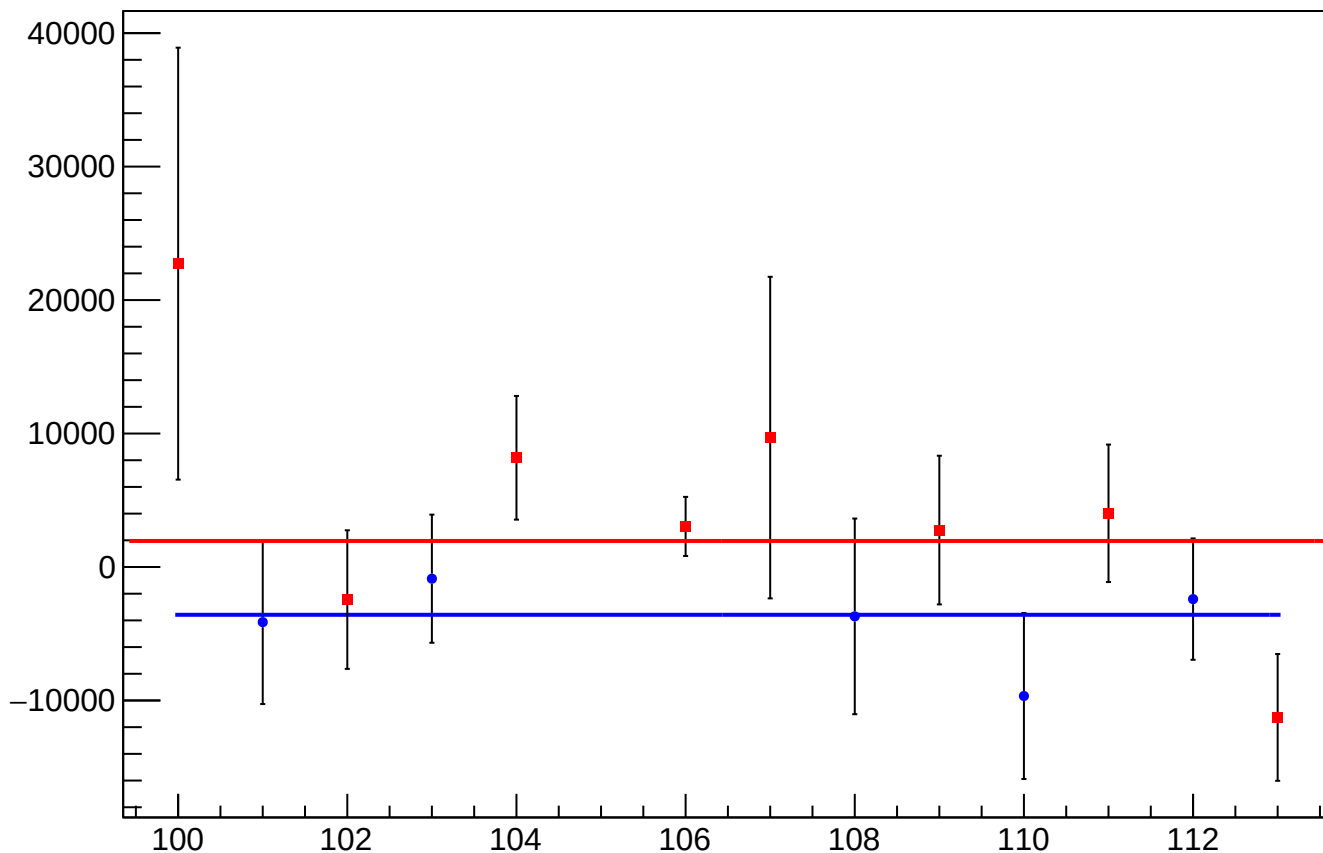
Right: 1308.358+/-0.395 χ^2/NDF : 288255.2/12

In: 1380.463+/-0.620 χ^2/NDF : 43178.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1308.358+/-0.395 χ^2/NDF : 288255.2/12

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: 1951.770+/-1556.746 χ^2/NDF : 12.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

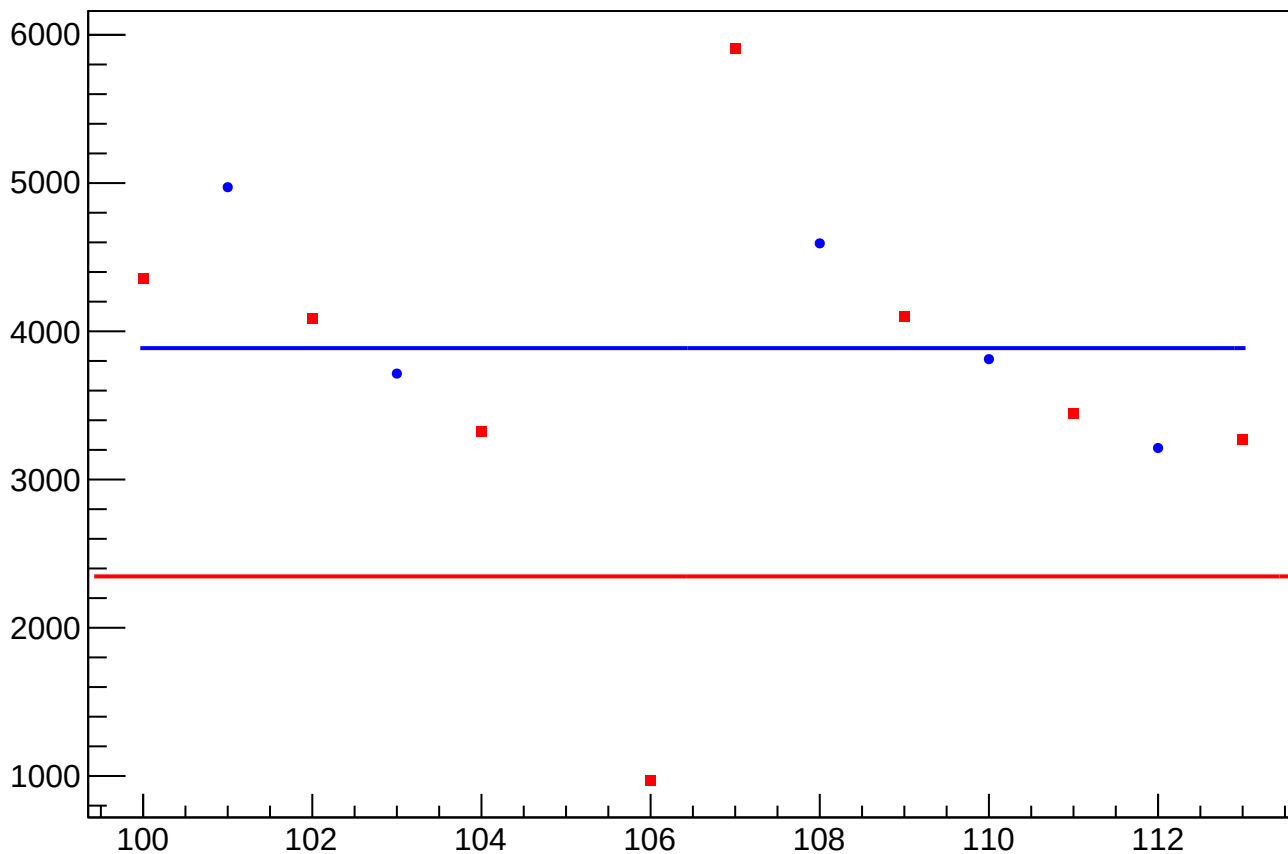
Right: 386.855+/-1318.299 χ^2/NDF : 17.7/12

In: -3580.324+/-2478.640 χ^2/NDF : 1.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 386.855+/-1318.299 χ^2/NDF : 17.7/12

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: 2346.452+/-1.101 χ^2/NDF : 1656692.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

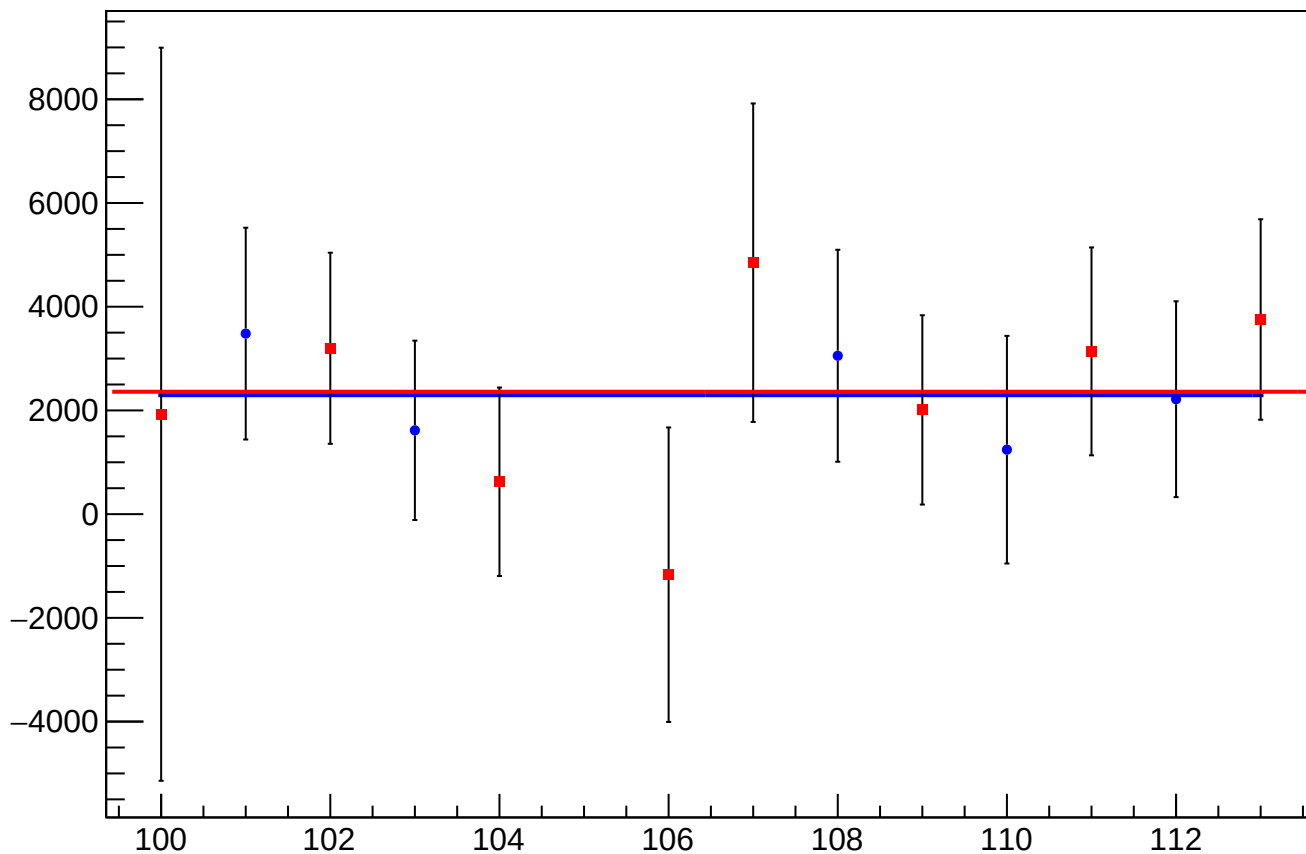
Right: 2782.103+/-0.932 χ^2/NDF : 2338283.3/12

In: 3886.513+/-1.753 χ^2/NDF : 127895.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2782.103+/-0.932 χ^2/NDF : 2338283.3/12

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: 2360.513+/-775.219 χ^2/NDF : 4.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

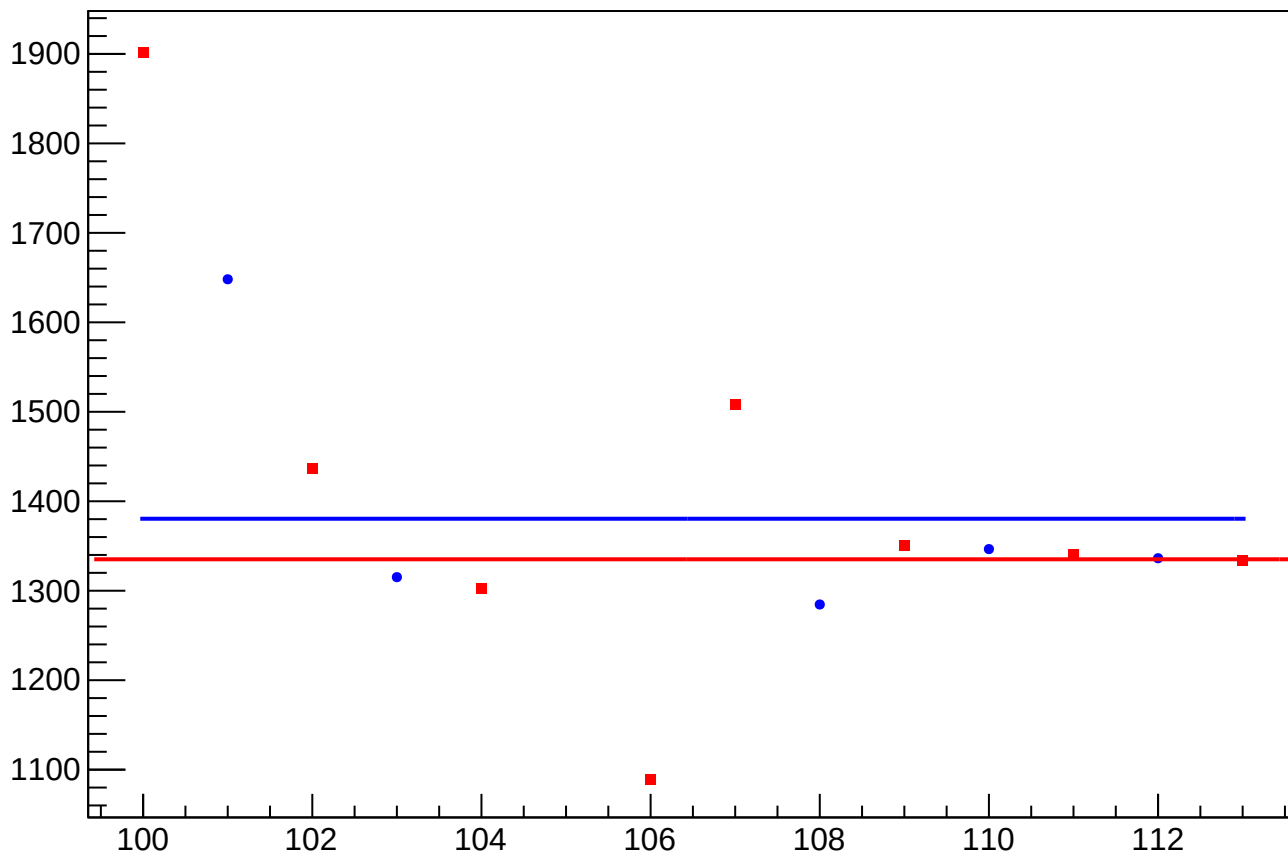
Right: 2331.312+/-580.692 χ^2/NDF : 4.9/12

In: 2293.980+/-876.526 χ^2/NDF : 0.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2331.312+/-580.692 χ^2/NDF : 4.9/12

cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1380.462+/-0.620 χ^2/NDF : 43177.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1335.158+/-0.532 χ^2/NDF : 53263.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

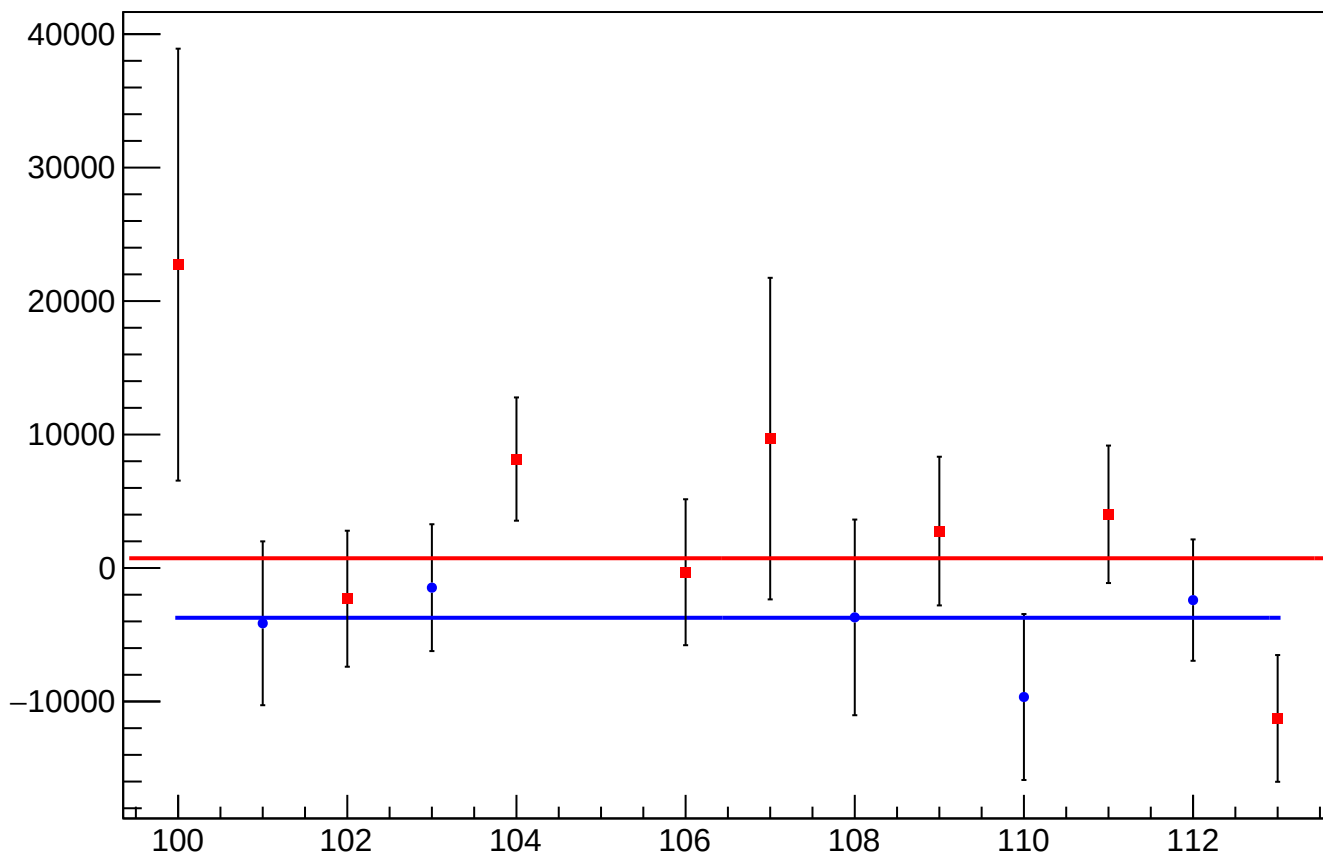
Right: 1354.391+/-0.404 χ^2/NDF : 99515.9/12

In: 1380.462+/-0.620 χ^2/NDF : 43177.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1354.391+/-0.404 χ^2/NDF : 99515.9/12

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: 731.414+/-2025.062 χ^2/NDF : 12.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

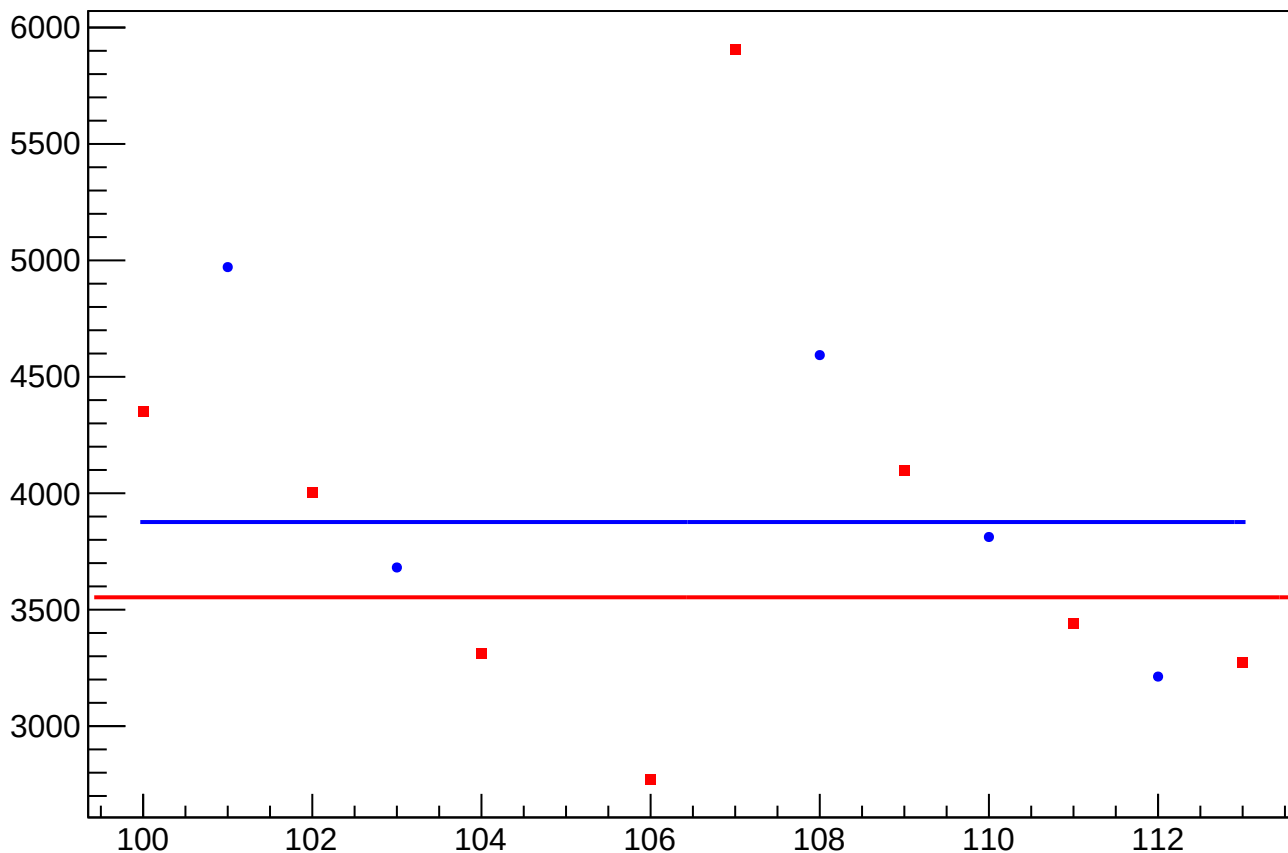
Right: -1060.003+/-1566.469 χ^2/NDF : 15.5/12

In: -3728.910+/-2471.762 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1060.003+/-1566.469 χ^2/NDF : 15.5/12

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: 3553.210+/-1.432 χ^2/NDF : 170536.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

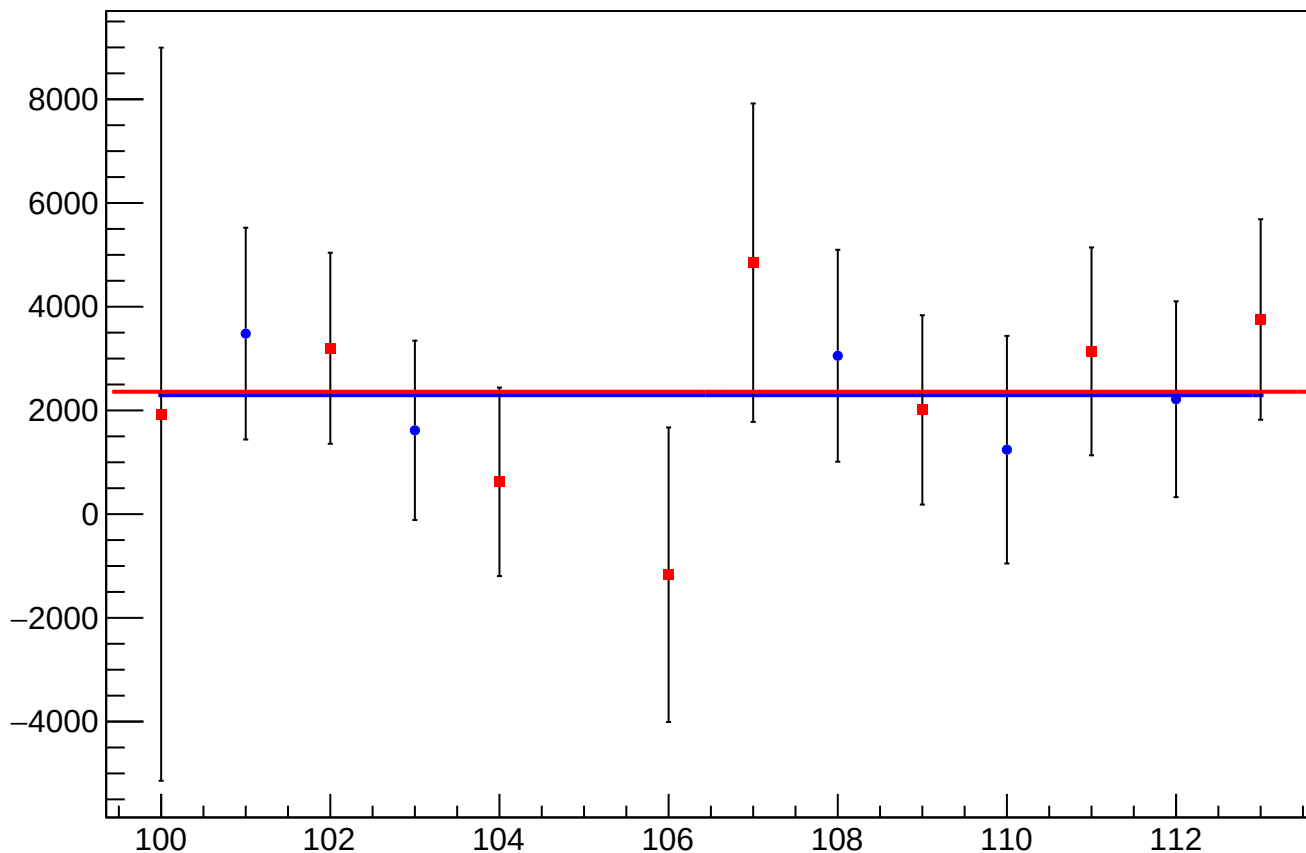
Right: 3683.014+/-1.108 χ^2/NDF : 319937.8/12

In: 3876.399+/-1.748 χ^2/NDF : 128941.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3683.014+/-1.108 χ^2/NDF : 319937.8/12

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: 2360.513+/-775.219 χ^2/NDF : 4.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

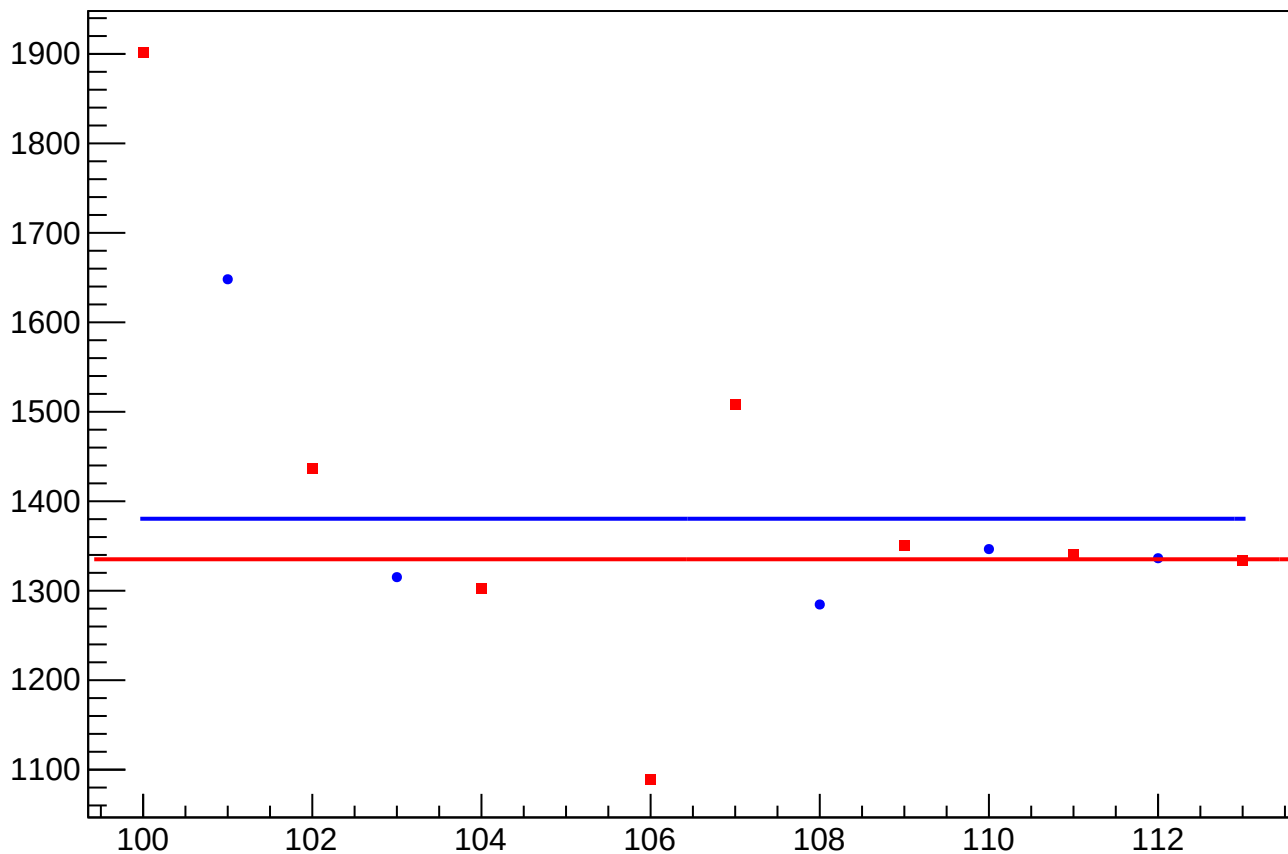
Right: 2331.312+/-580.692 χ^2/NDF : 4.9/12

In: 2293.980+/-876.526 χ^2/NDF : 0.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2331.312+/-580.692 χ^2/NDF : 4.9/12

eigen_cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1380.462+/-0.620 χ^2/NDF : 43177.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1335.158+/-0.532 χ^2/NDF : 53263.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

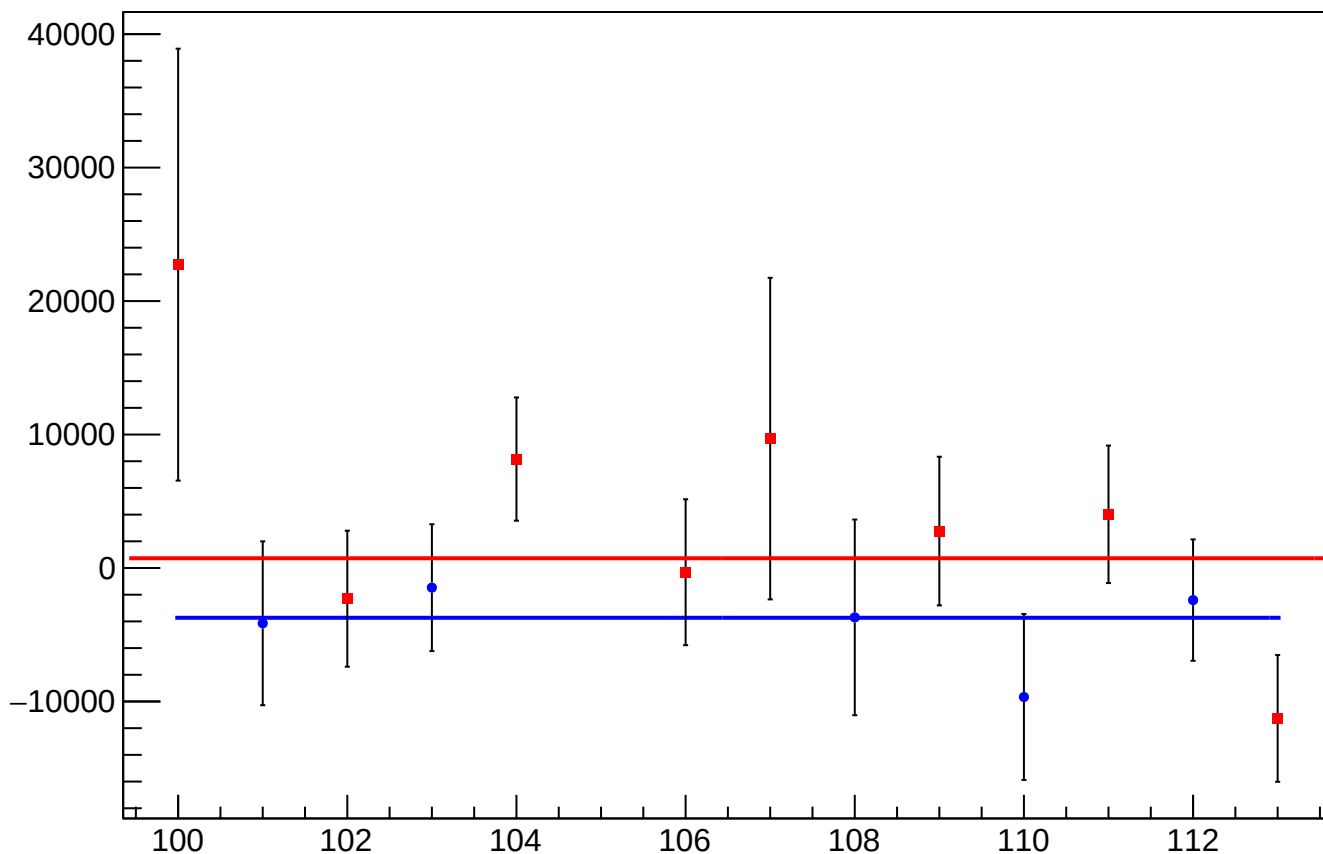
Right: 1354.391+/-0.404 χ^2/NDF : 99515.9/12

In: 1380.462+/-0.620 χ^2/NDF : 43177.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1354.391+/-0.404 χ^2/NDF : 99515.9/12

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: 731.414+/-2025.062 χ^2/NDF : 12.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

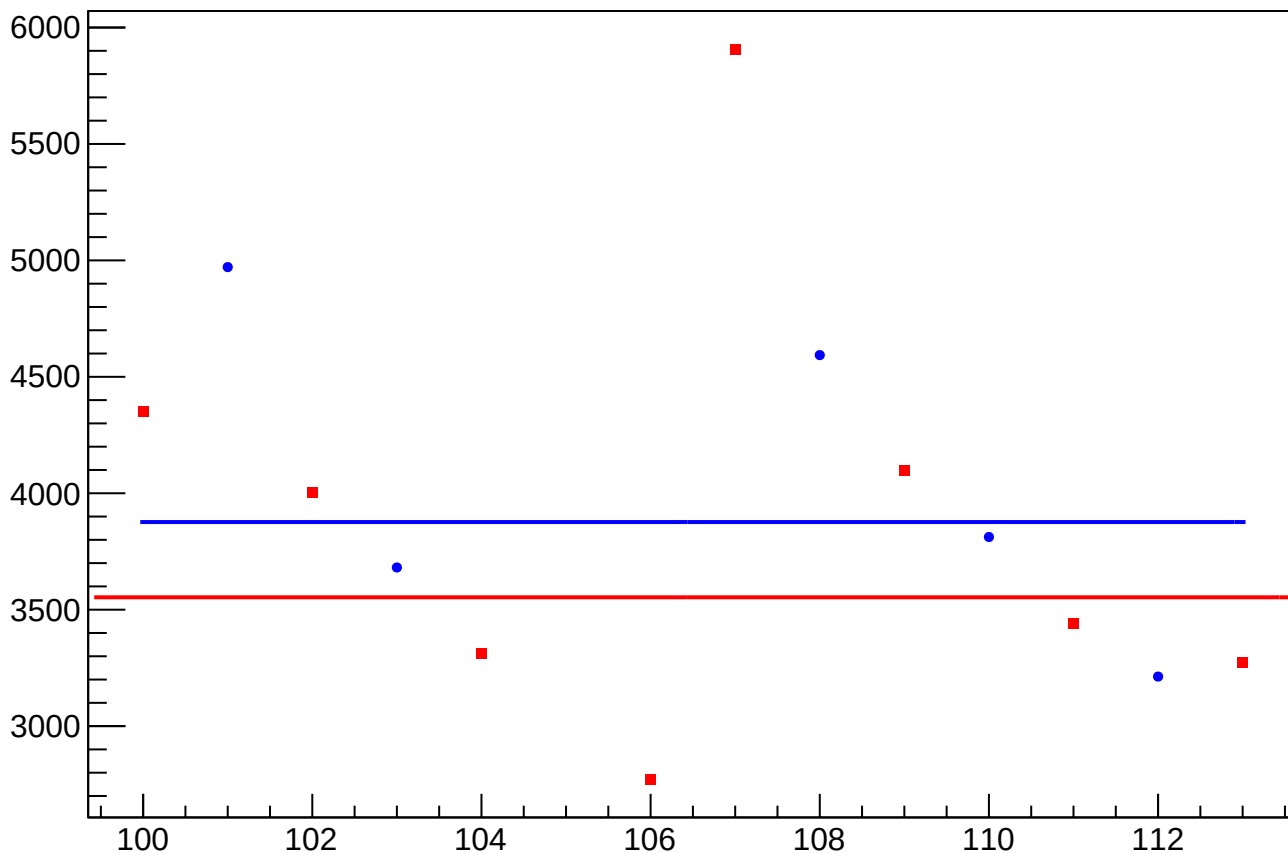
Right: -1060.003+/-1566.469 χ^2/NDF : 15.5/12

In: -3728.910+/-2471.762 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1060.003+/-1566.469 χ^2/NDF : 15.5/12

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: 3553.210+/-1.432 χ^2/NDF : 170536.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

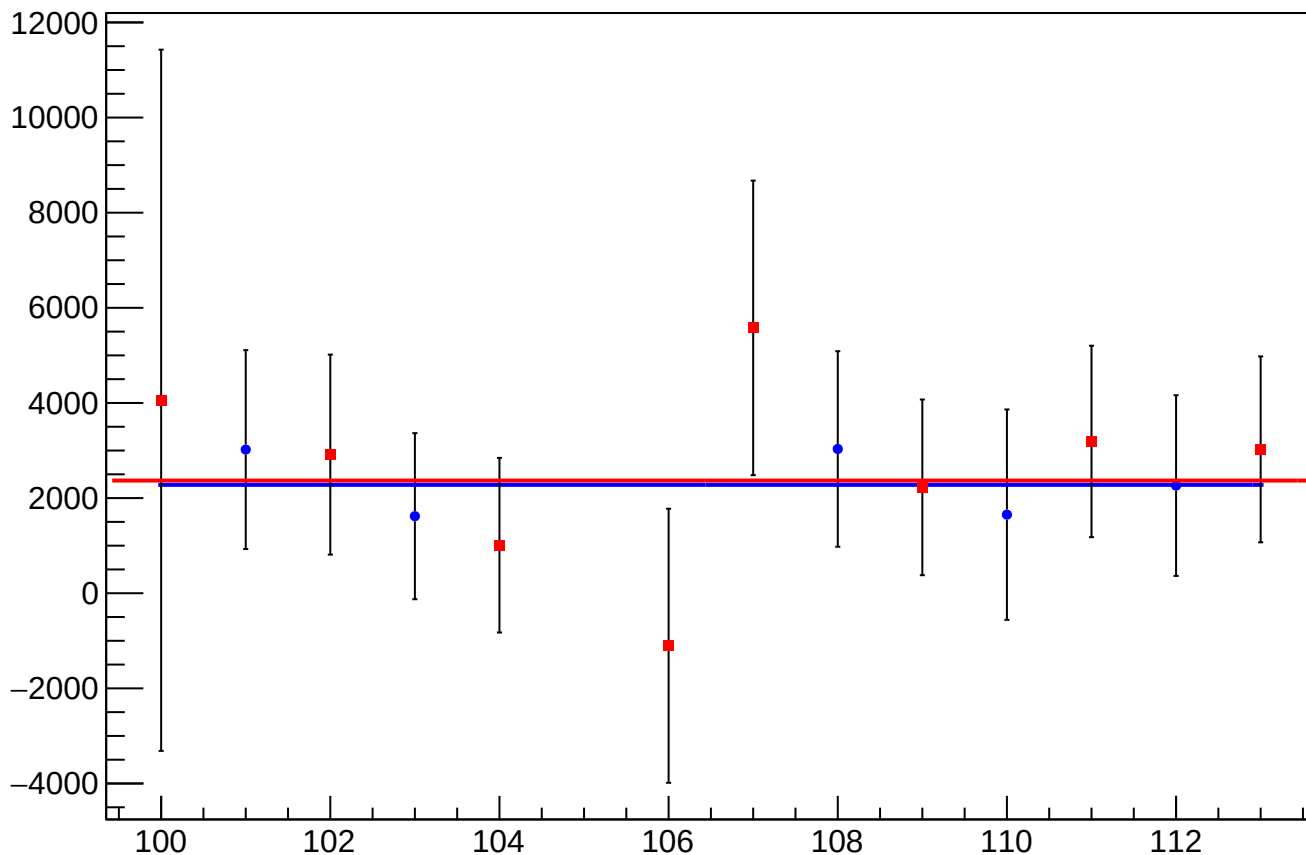
Right: 3683.014+/-1.108 χ^2/NDF : 319937.8/12

In: 3876.399+/-1.748 χ^2/NDF : 128941.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3683.014+/-1.108 χ^2/NDF : 319937.8/12

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: 2368.870+/-798.549 χ^2/NDF : 3.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

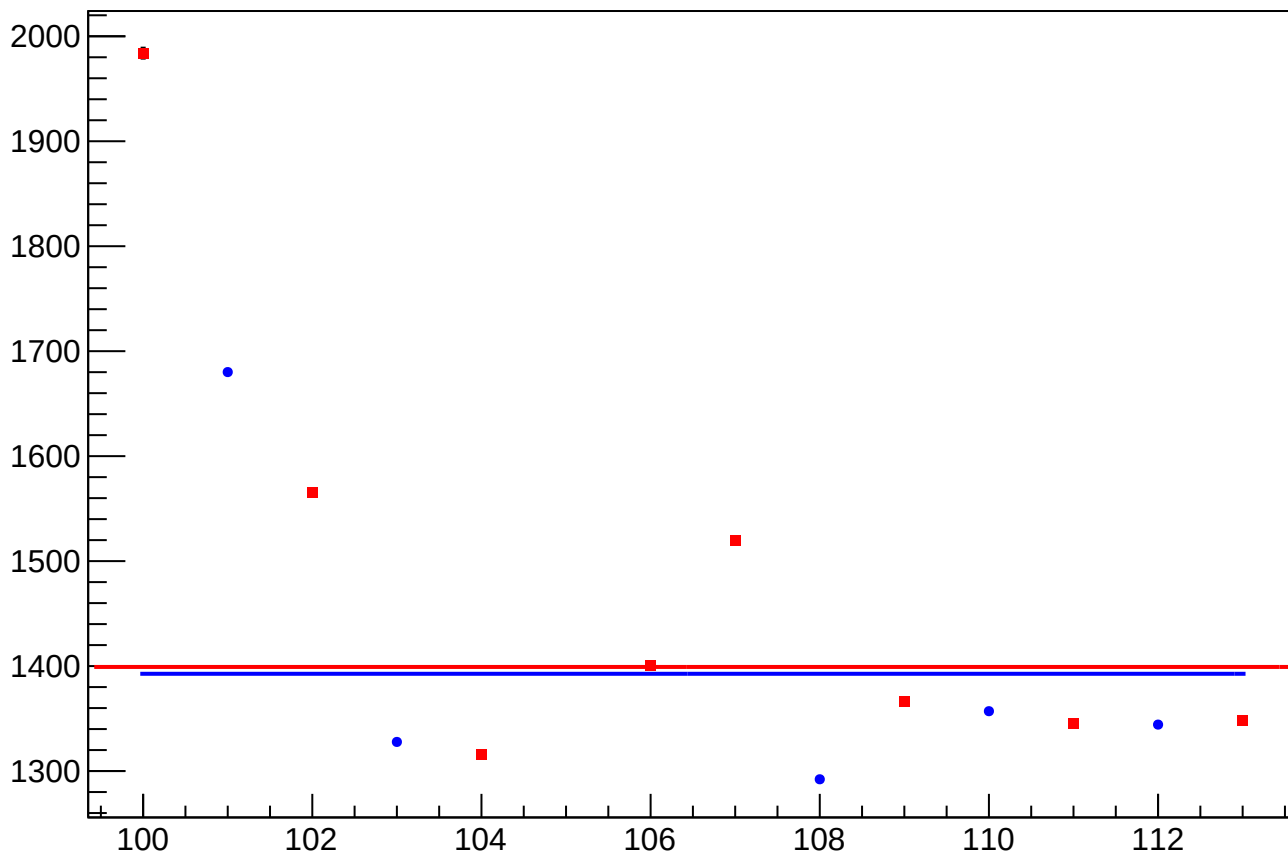
Right: 2328.207+/-593.055 χ^2/NDF : 4.0/12

In: 2278.195+/-885.603 χ^2/NDF : 0.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2328.207+/-593.055 χ^2/NDF : 4.0/12

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: 1399.176+/-0.561 χ^2/NDF : 35679.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

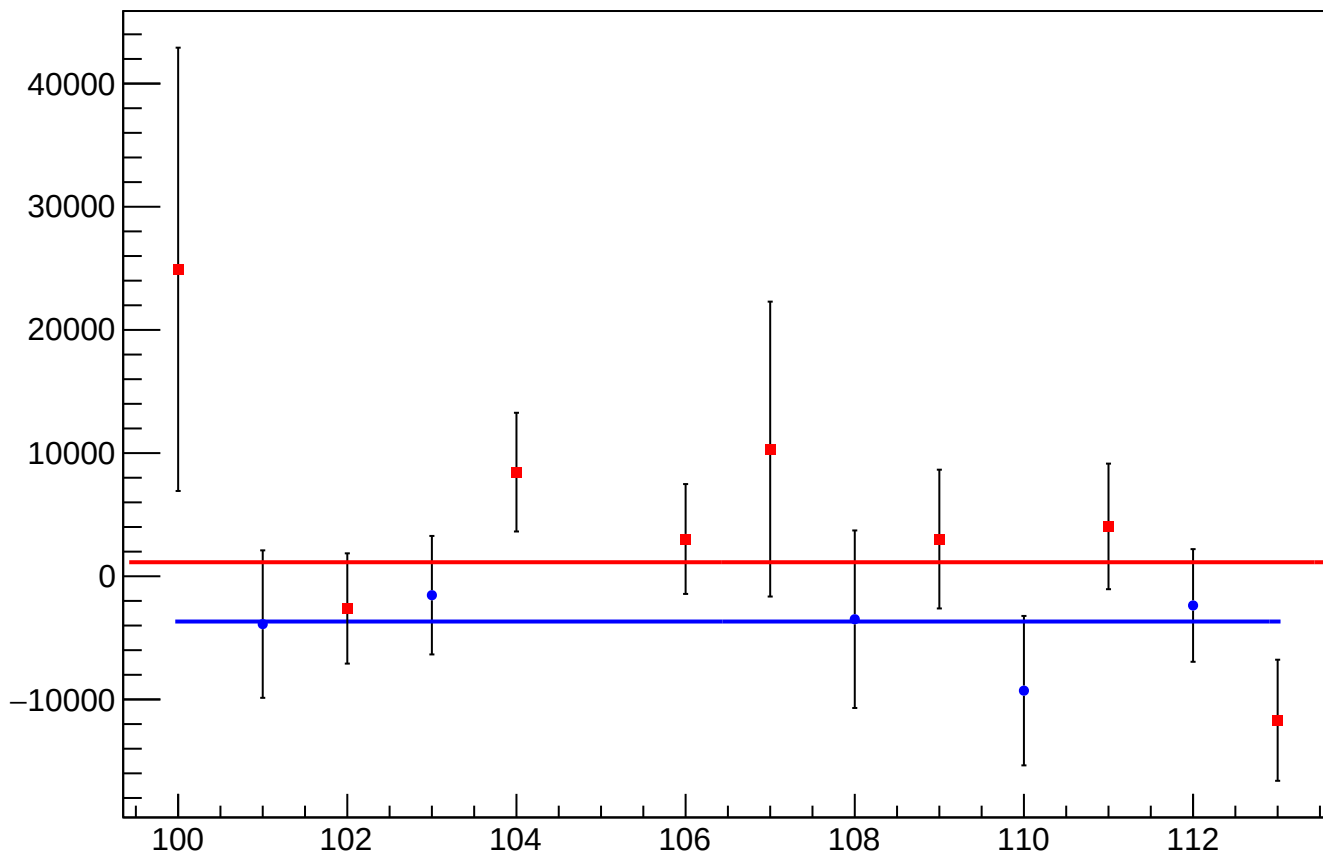
Right: 1396.272+/-0.418 χ^2/NDF : 82910.1/12

In: 1392.657+/-0.626 χ^2/NDF : 47170.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1396.272+/-0.418 χ^2/NDF : 82910.1/12

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: 1140.092+/-1943.619 χ^2/NDF : 12.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

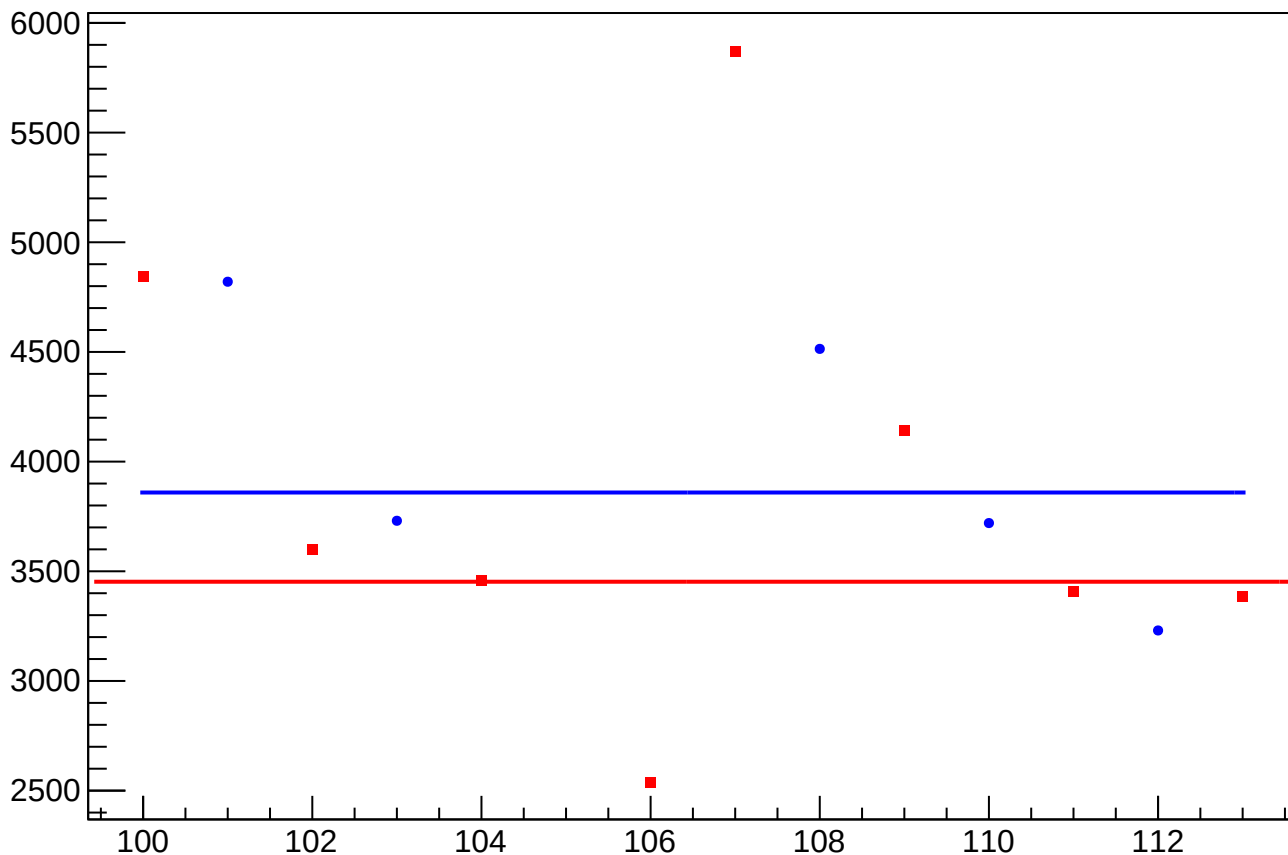
Right: -710.923+/-1524.860 χ^2/NDF : 16.3/12

In: -3674.164+/-2459.176 χ^2/NDF : 1.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -710.923+/-1524.860 χ^2/NDF : 16.3/12

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: 3452.385+/-1.374 χ^2/NDF : 210169.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

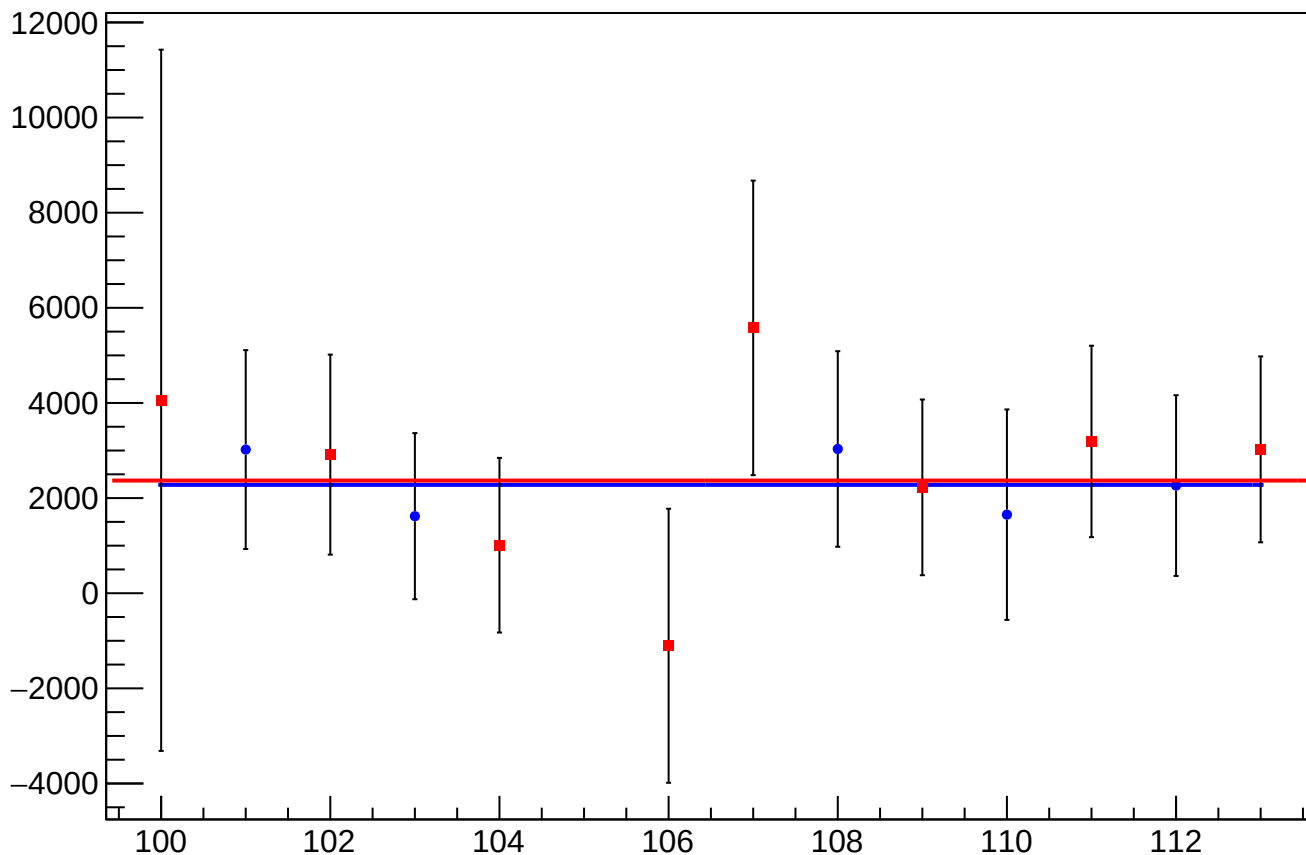
Right: 3608.785+/-1.078 χ^2/NDF : 352197.3/12

In: 3859.162+/-1.739 χ^2/NDF : 108345.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3608.785+/-1.078 χ^2/NDF : 352197.3/12

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: 2368.875+/-798.548 χ^2/NDF : 3.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

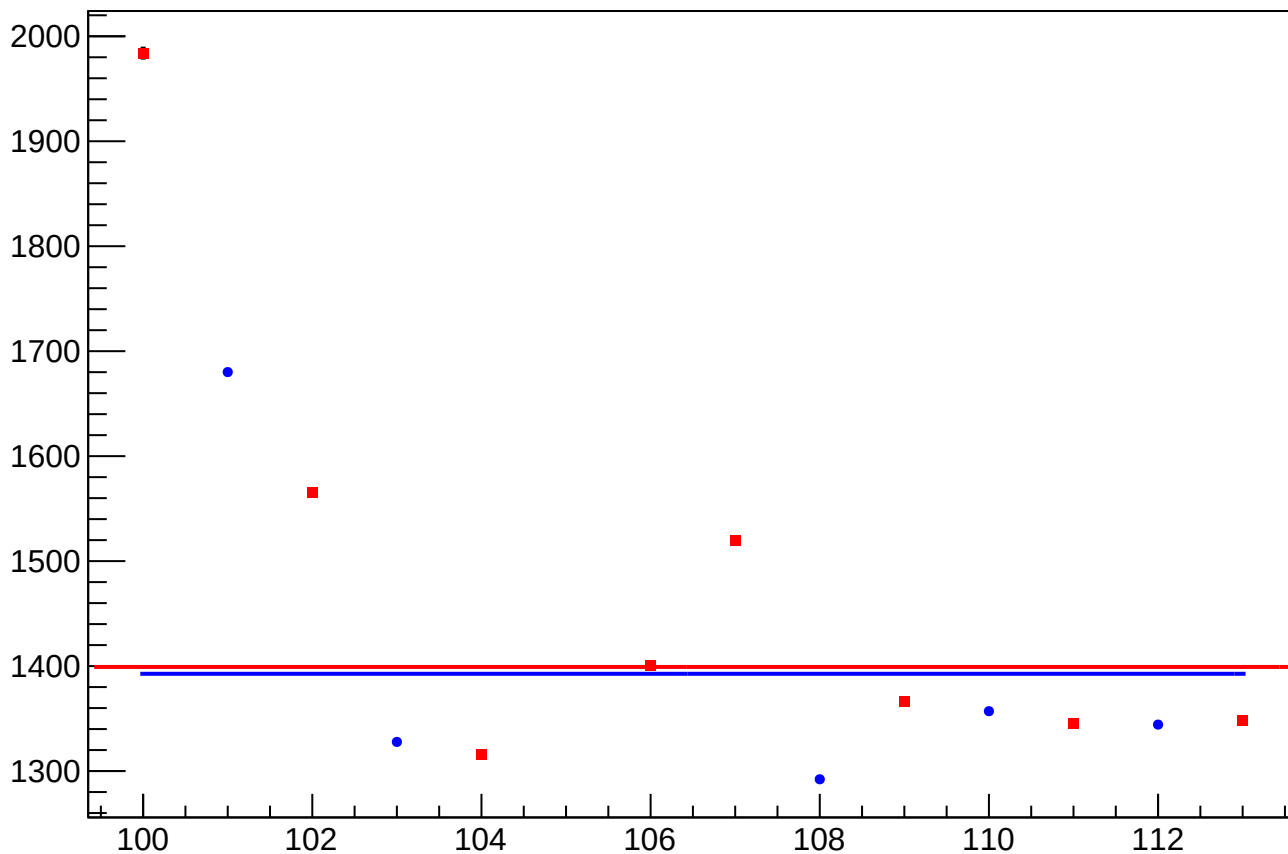
Right: 2328.214+/-593.055 χ^2/NDF : 4.0/12

In: 2278.205+/-885.603 χ^2/NDF : 0.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2328.214+/-593.055 χ^2/NDF : 4.0/12

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: 1399.176+/-0.561 χ^2/NDF : 35679.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

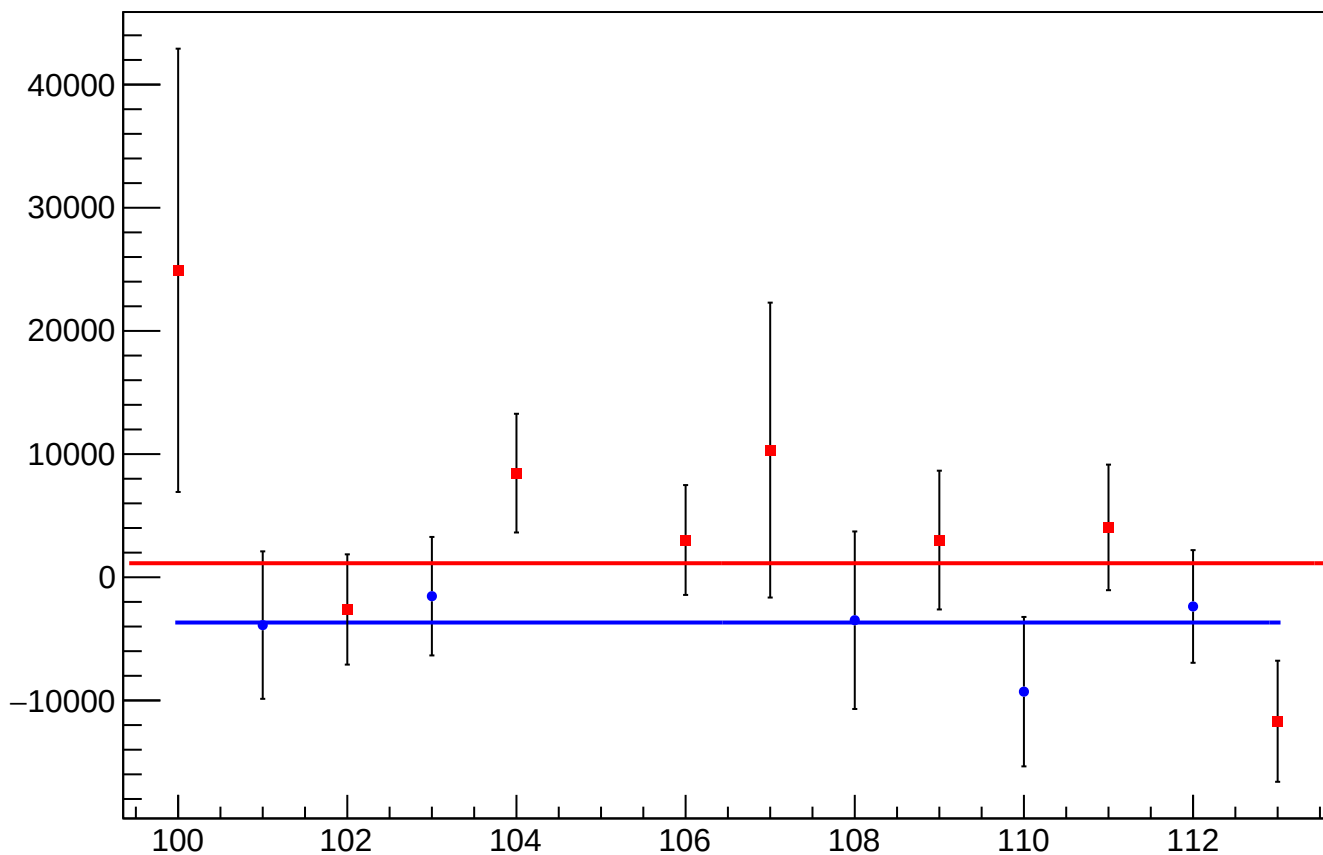
Right: 1396.272+/-0.418 χ^2/NDF : 82910.0/12

In: 1392.657+/-0.626 χ^2/NDF : 47170.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1396.272+/-0.418 χ^2/NDF : 82910.0/12

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: 1140.093+/-1943.615 χ^2/NDF : 12.8/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

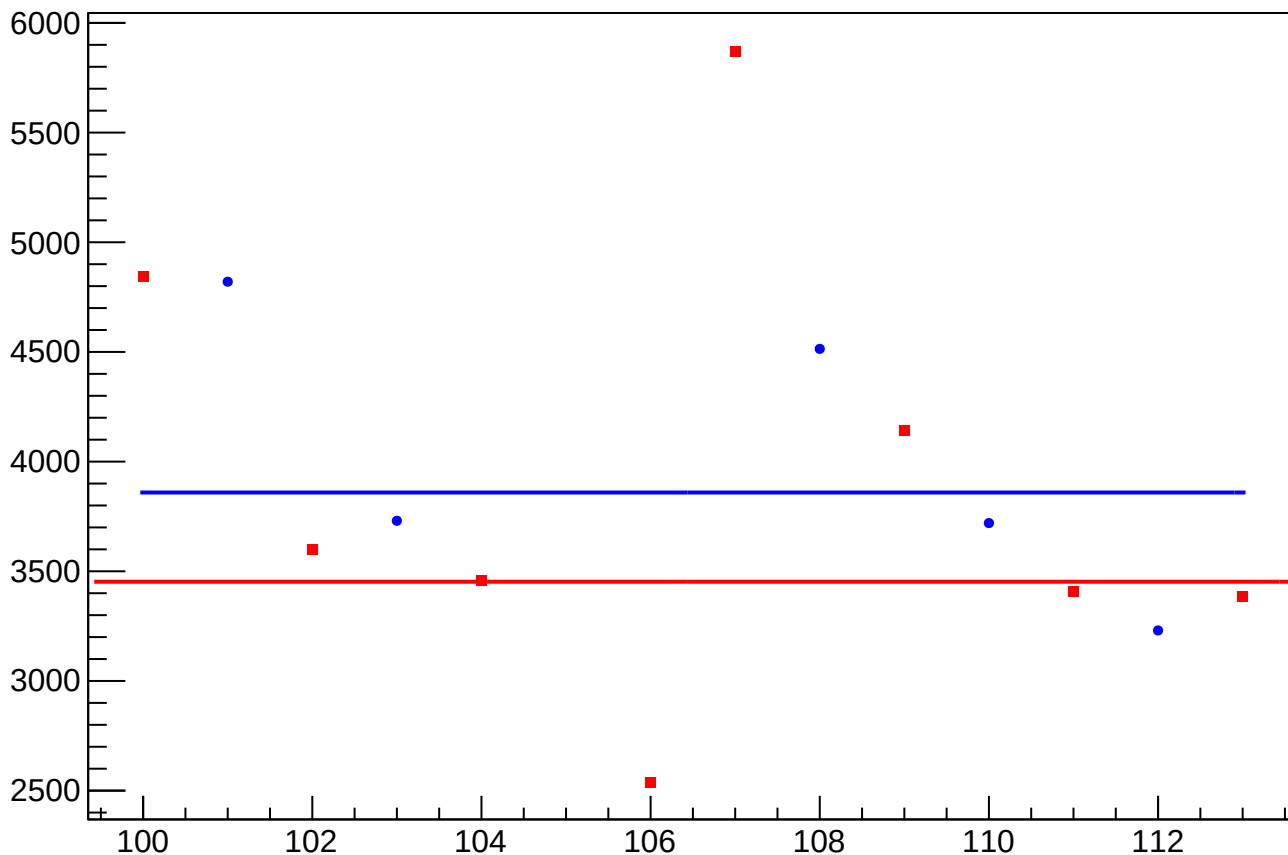
Right: -710.920+/-1524.857 χ^2/NDF : 16.3/12

In: -3674.157+/-2459.171 χ^2/NDF :1.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -710.920+/-1524.857 χ^2/NDF : 16.3/12

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: 3452.378+/-1.374 χ^2/NDF : 210169.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

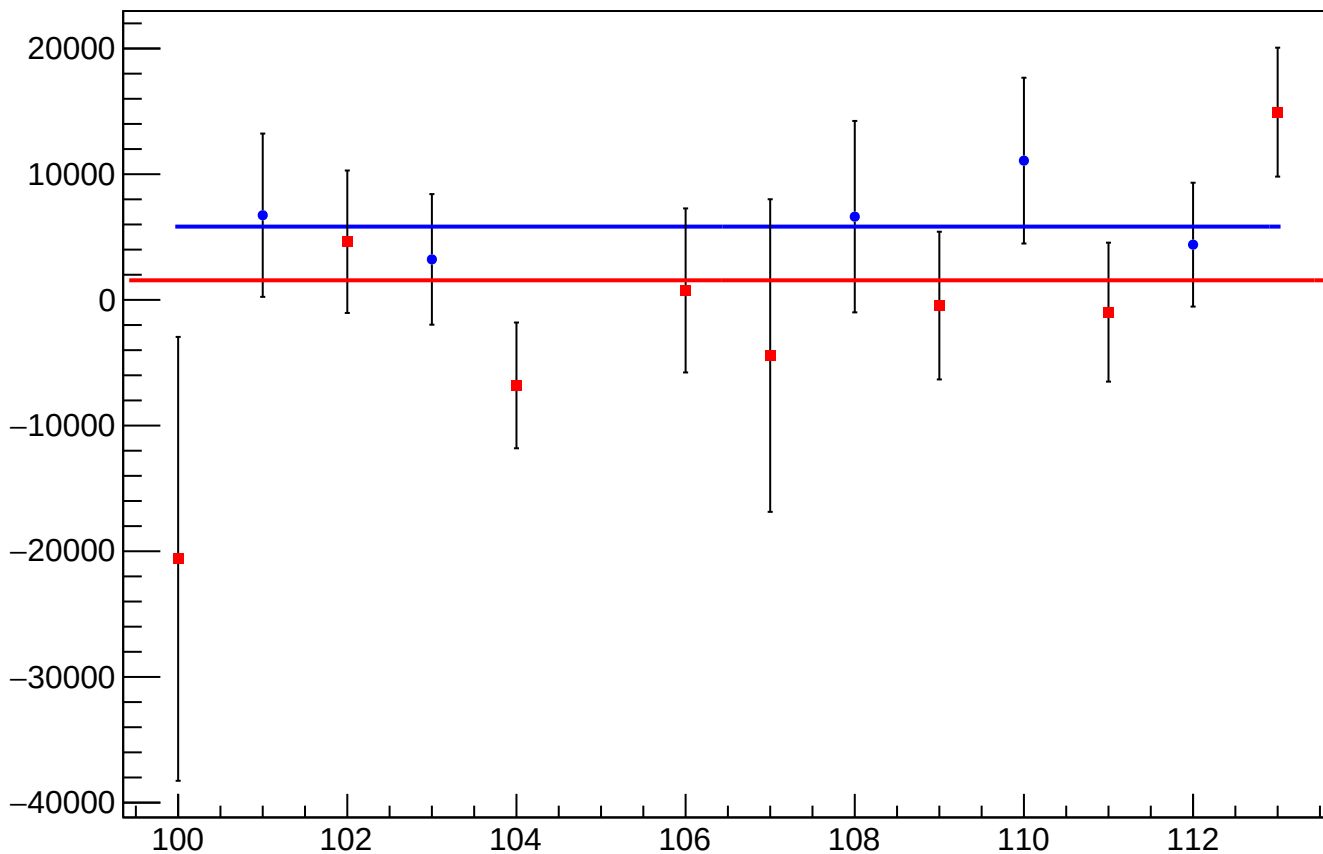
Right: 3608.778+/-1.078 χ^2/NDF : 352197.4/12

In: 3859.154+/-1.739 χ^2/NDF : 108345.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3608.778+/-1.078 χ^2/NDF : 352197.4/12

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: 1558.794+/-2214.394 χ^2/NDF : 12.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

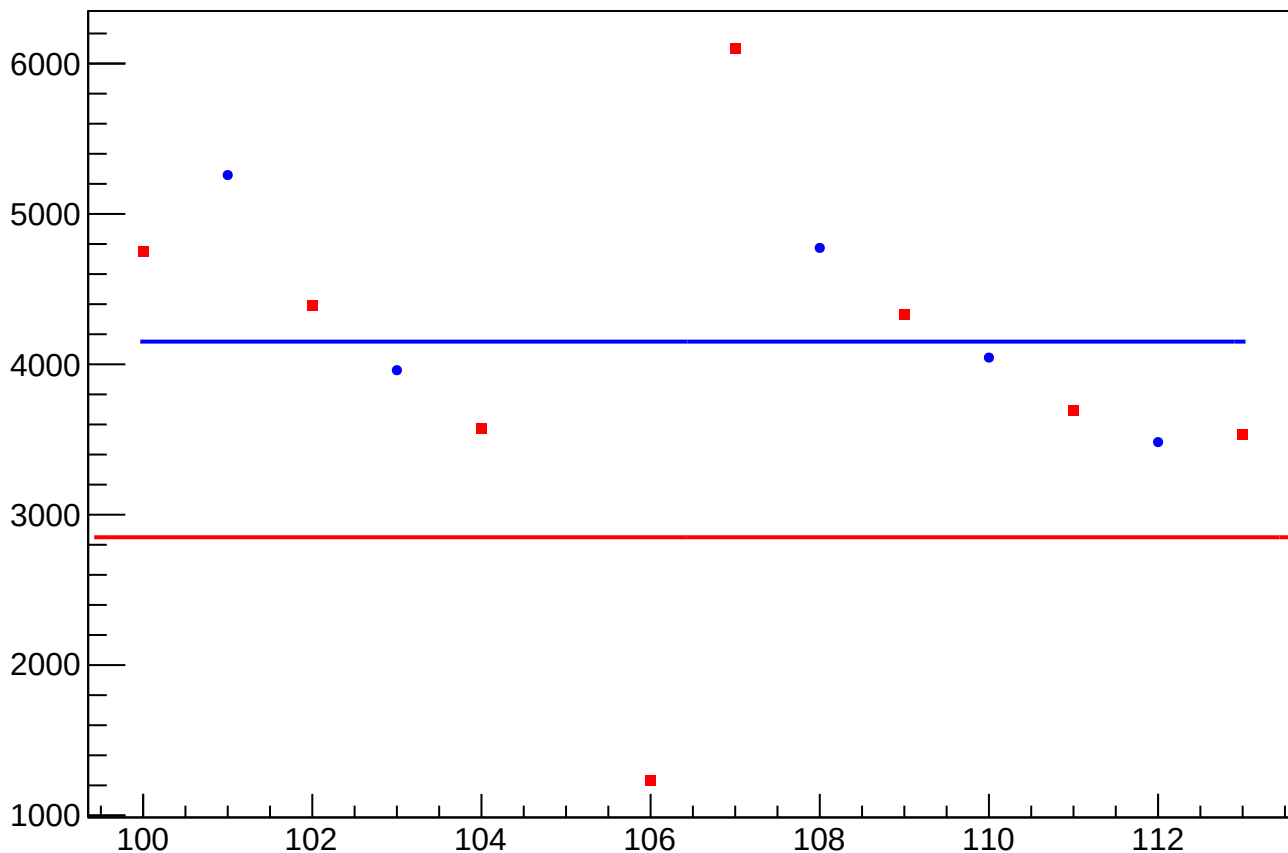
Right: 3313.612+/-1699.795 χ^2/NDF : 14.6/12

In: 5830.791+/-2652.138 χ^2/NDF : 1.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3313.612+/-1699.795 χ^2/NDF : 14.6/12

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: 2850.017+/-1.282 χ^2/NDF : 1206360.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

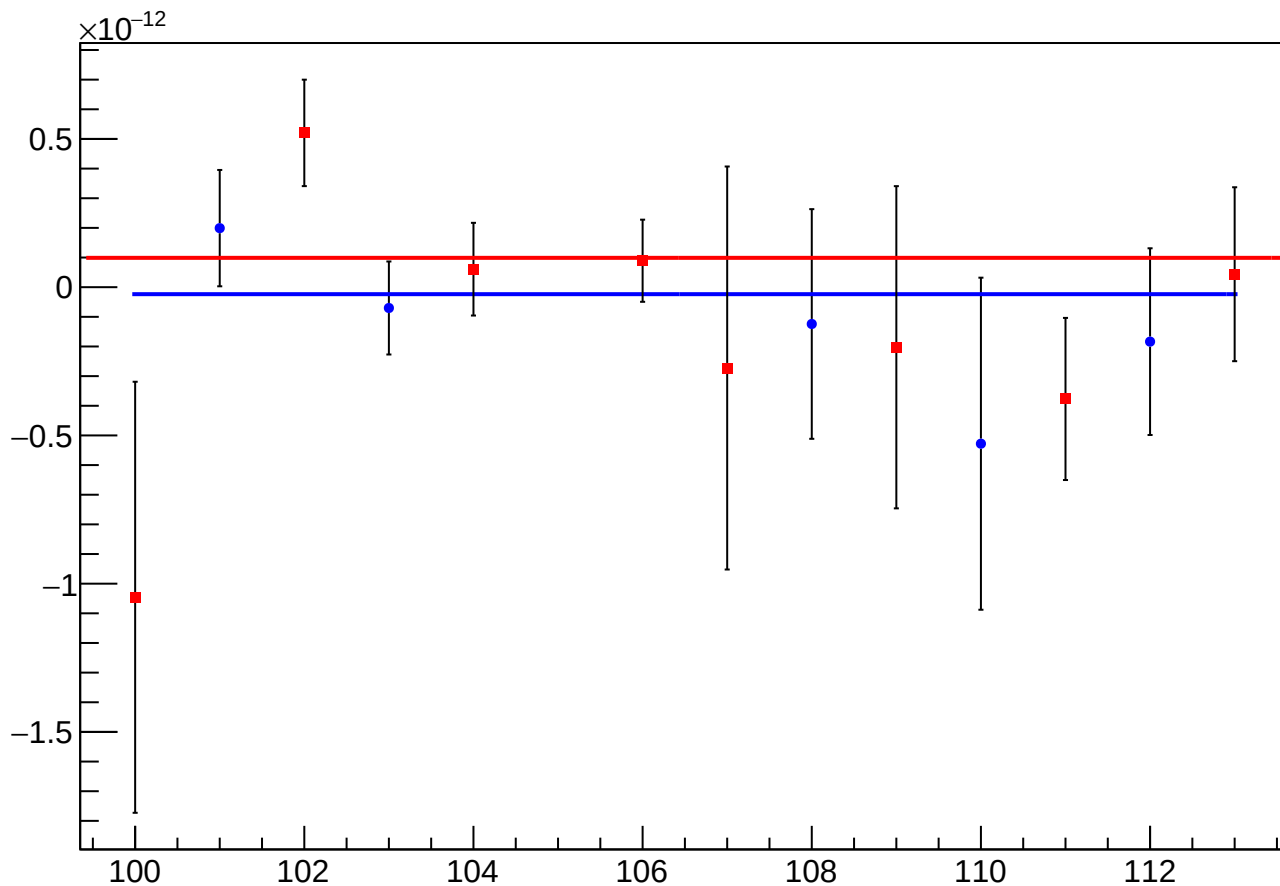
Right: 3264.234+/-1.058 χ^2/NDF : 1645958.2/12

In: 4151.051+/-1.875 χ^2/NDF : 111527.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3264.234+/-1.058 χ^2/NDF : 1645958.2/12

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 : 11.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

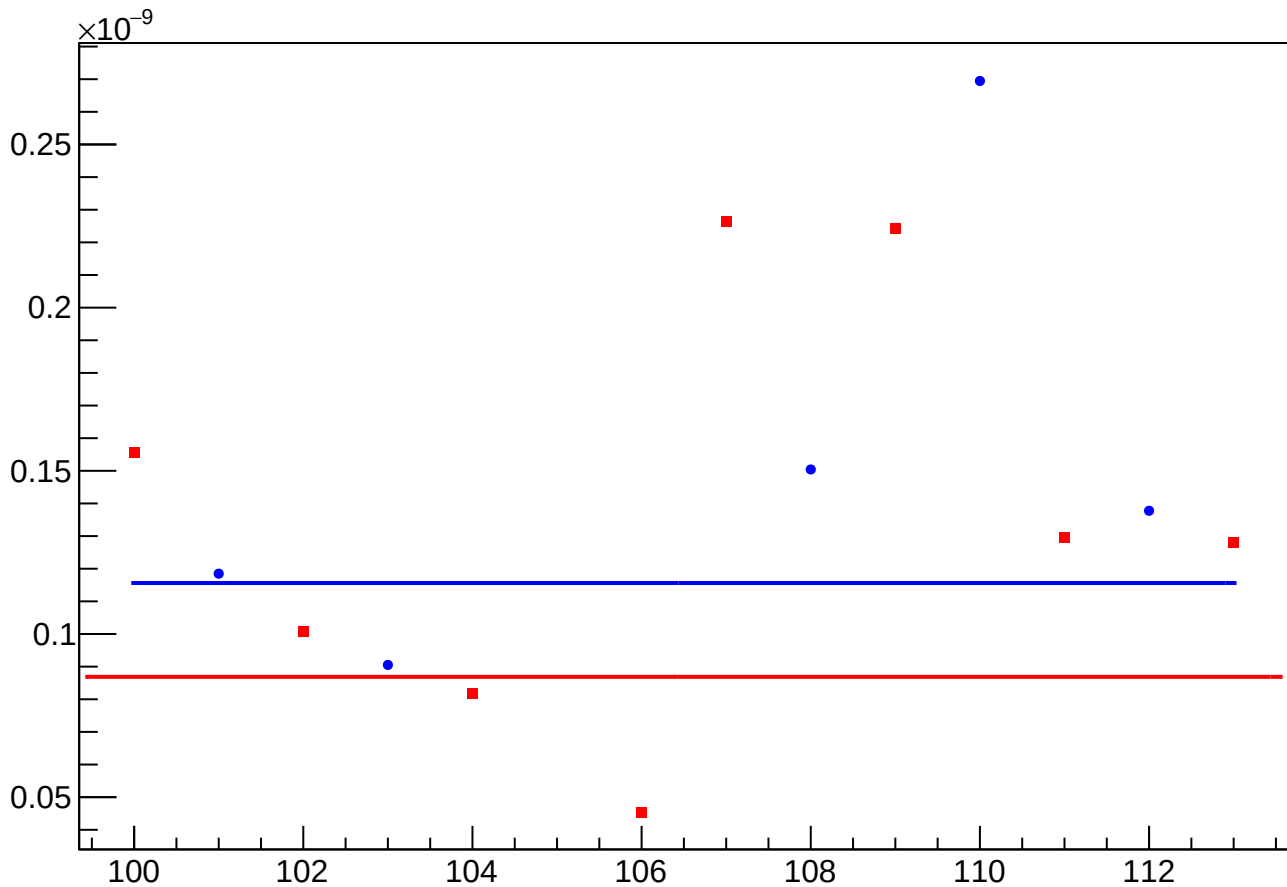
Right: 0.000+/-0.000 χ^2/NDF : 15.1/12

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 : 15.1/12

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 : 512377.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

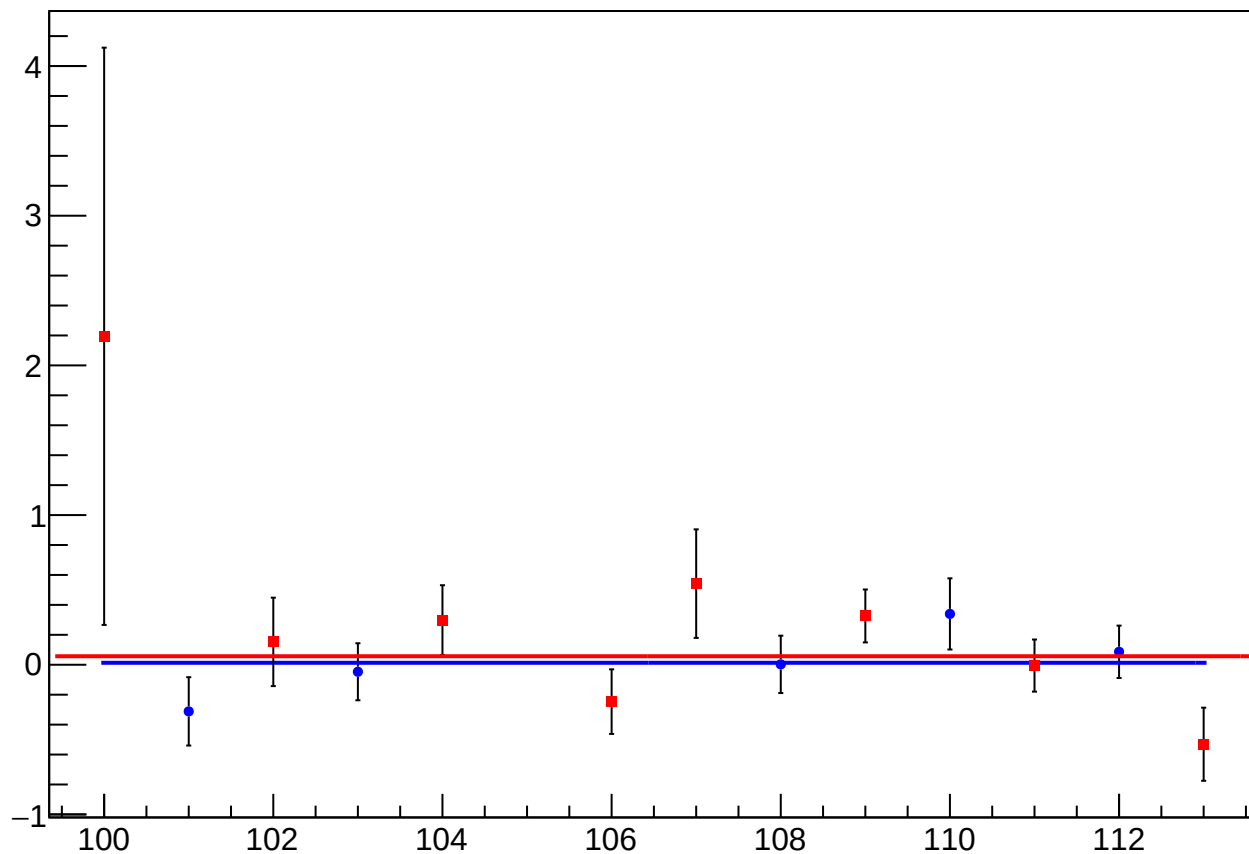
Right: 0.000+/-0.000 χ^2/NDF : 833116.8/12

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 : 833116.8/12

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: 0.057 $\pm$ 0.084 χ^2/NDF : 14.4/7

Left In: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

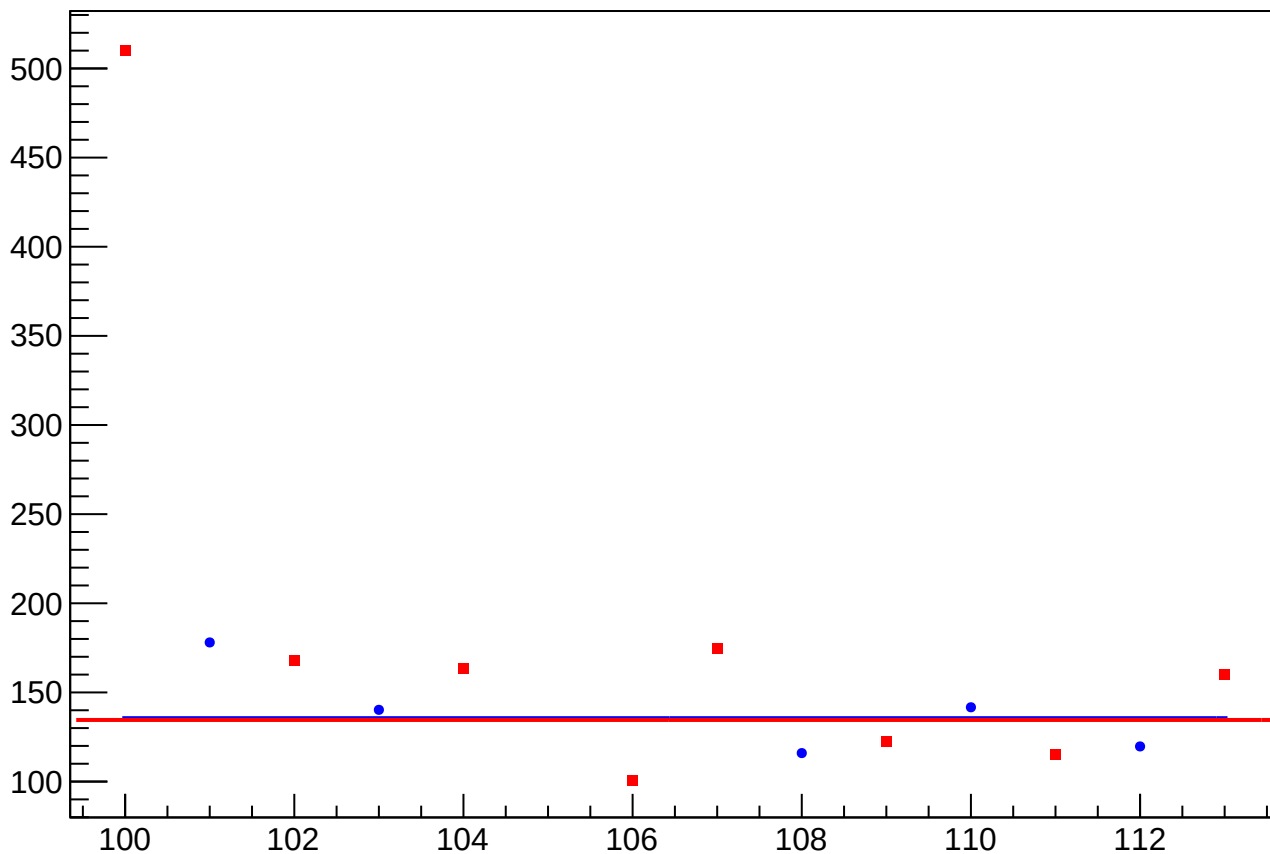
Right: 0.036 $\pm$ 0.061 χ^2/NDF : 18.7/12

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: 0.036 $\pm$ 0.061 χ^2/NDF : 18.7/12

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: 134.555+/-0.060 χ^2/NDF : 261477.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

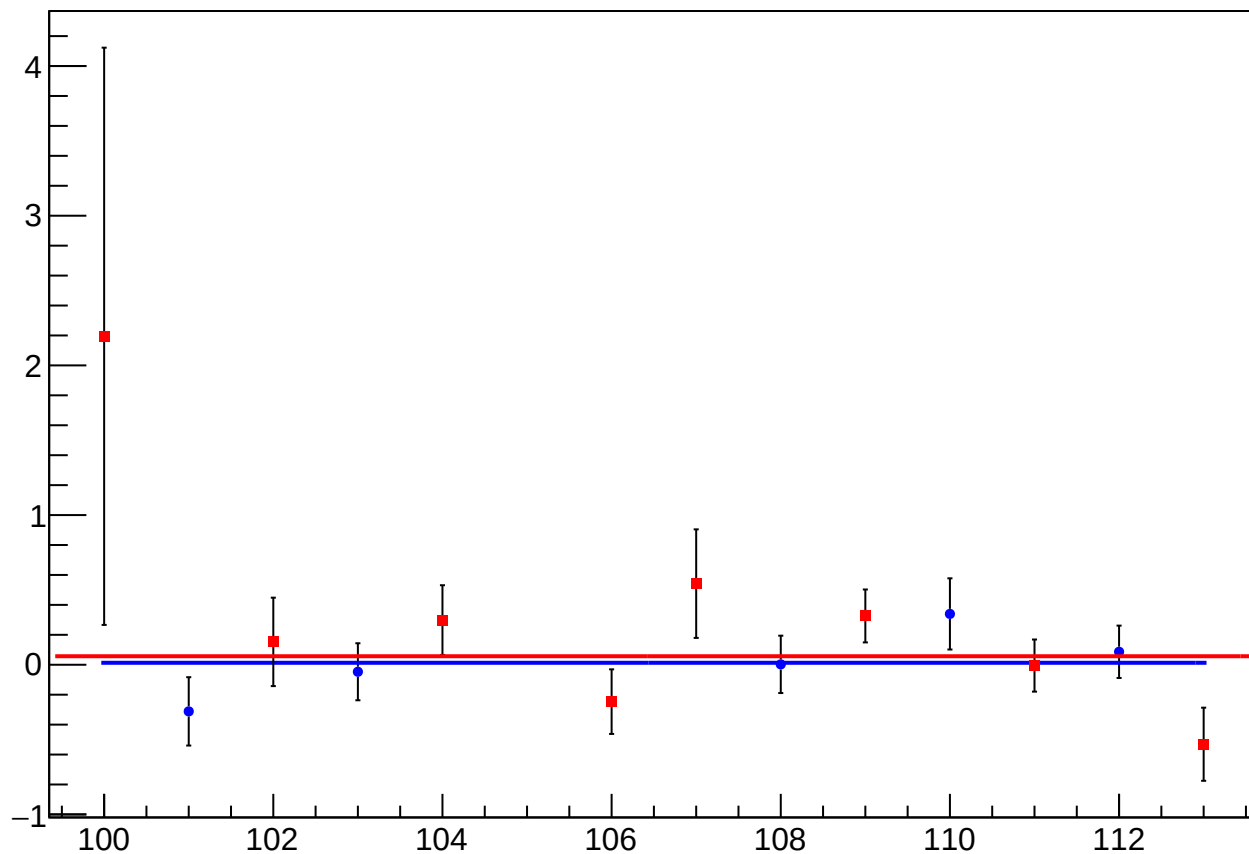
Right: 135.026+/-0.043 χ^2/NDF : 370695.1/12

In: 135.560+/-0.063 χ^2/NDF : 109084.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.026+/-0.043 χ^2/NDF : 370695.1/12

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: 0.057 $\pm$ 0.084 χ^2 /NDF: 14.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

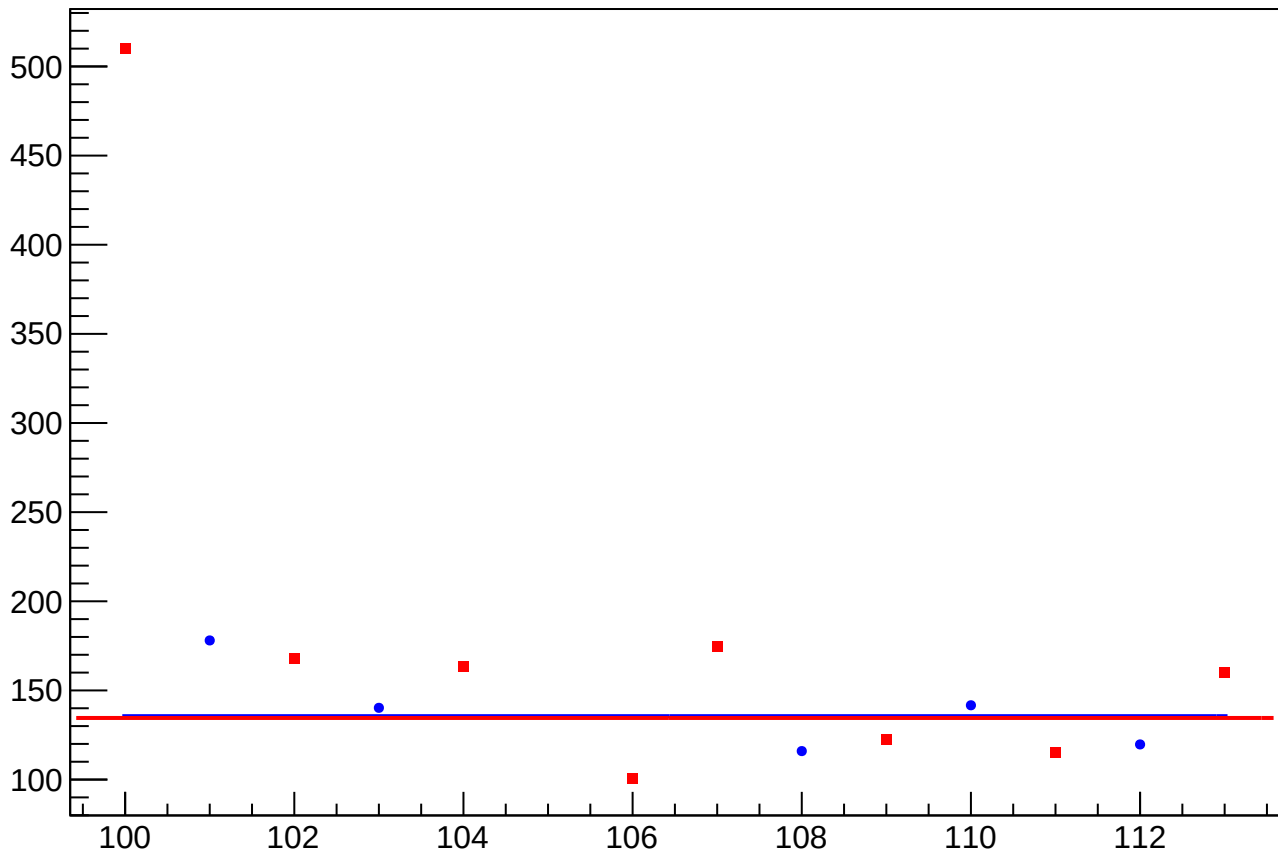
Right: 0.036 $\pm$ 0.061 χ^2 /NDF: 18.7/12

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: 0.036 $\pm$ 0.061 χ^2 /NDF: 18.7/12

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 135.560 $\pm$ 0.063 χ^2 /NDF: 109084.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 134.555 $\pm$ 0.060 χ^2 /NDF: 261477.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

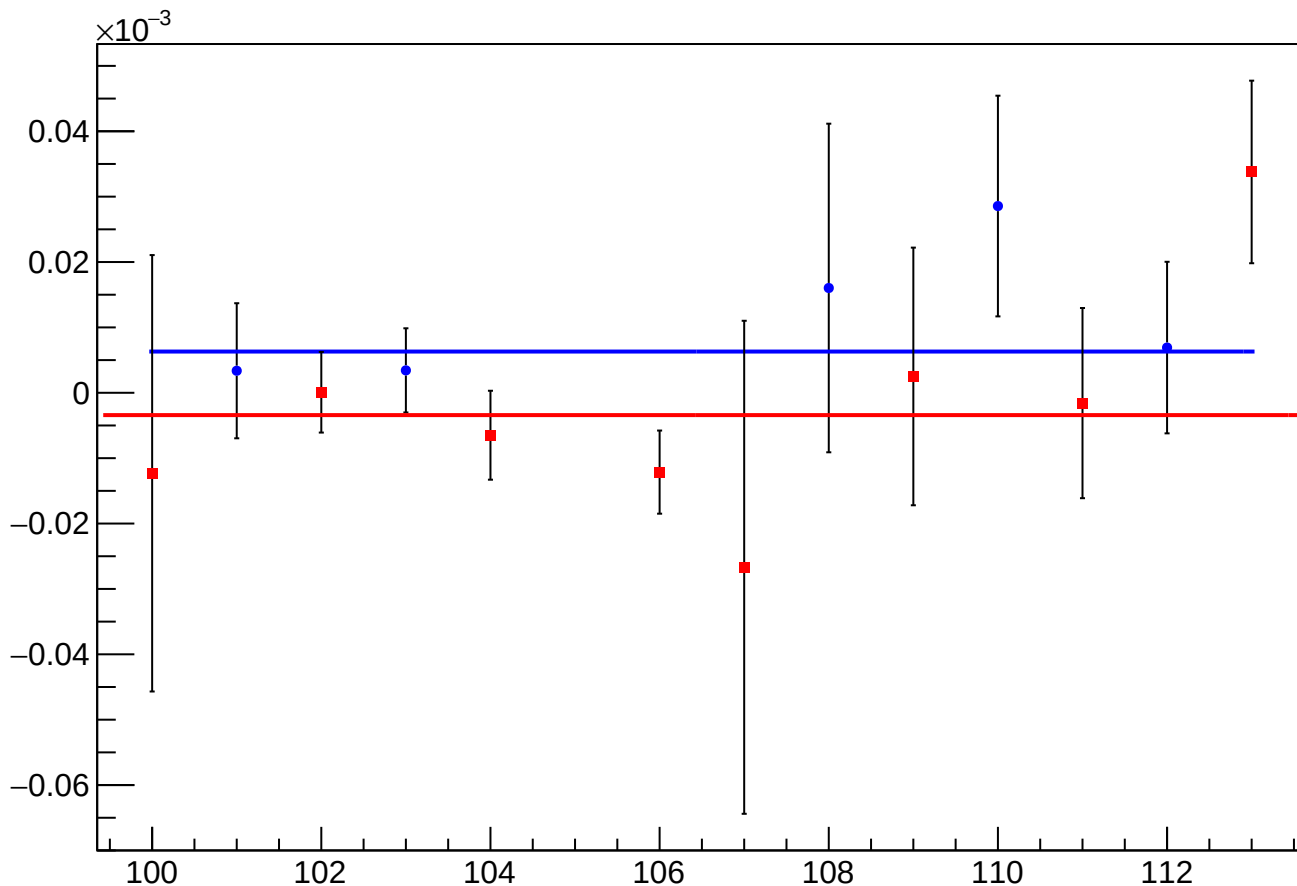
Right: 135.026 $\pm$ 0.043 χ^2 /NDF: 370695.1/12

In: 135.560 $\pm$ 0.063 χ^2 /NDF:109084.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 135.026 $\pm$ 0.043 χ^2 /NDF: 370695.1/12

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: 10.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

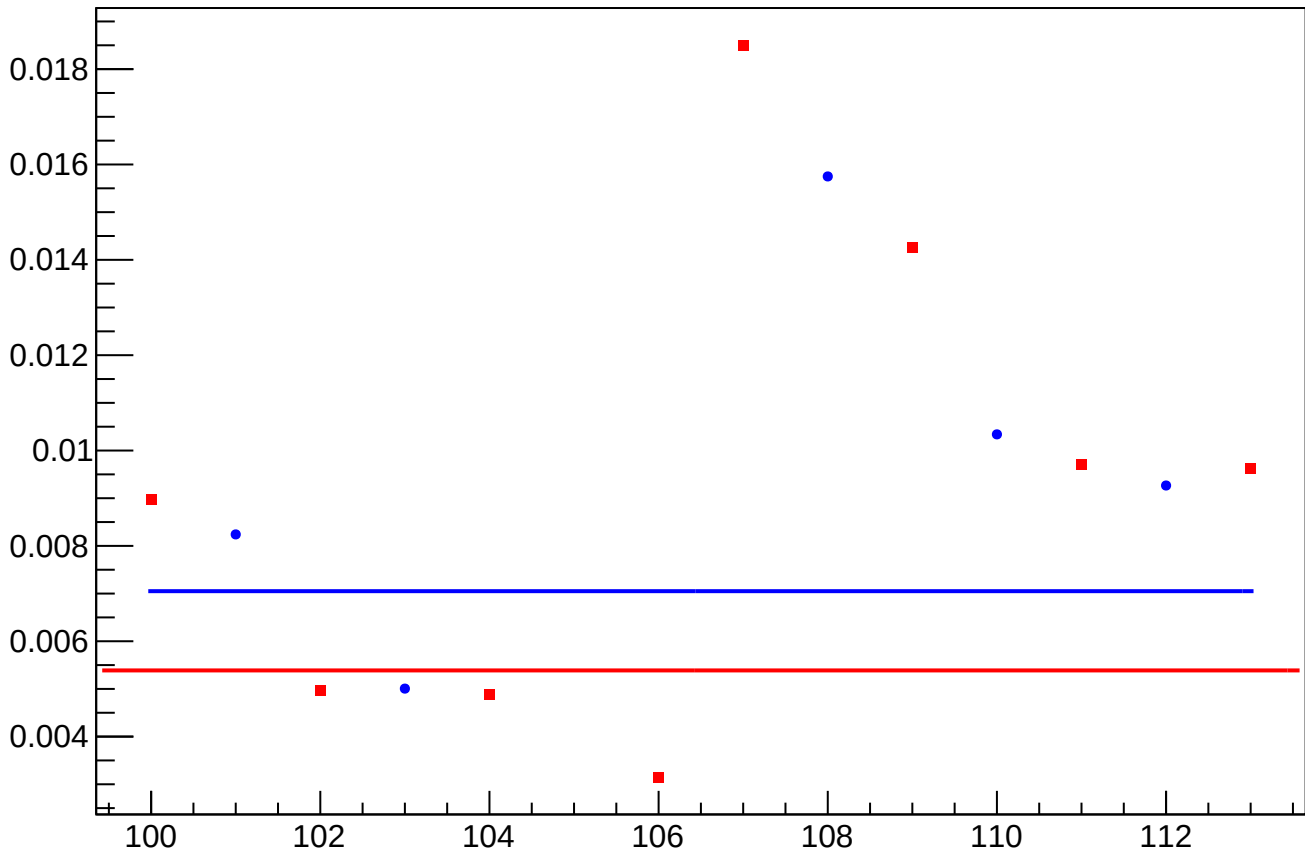
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.0/12

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: 15.0/12

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 : 1300812.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

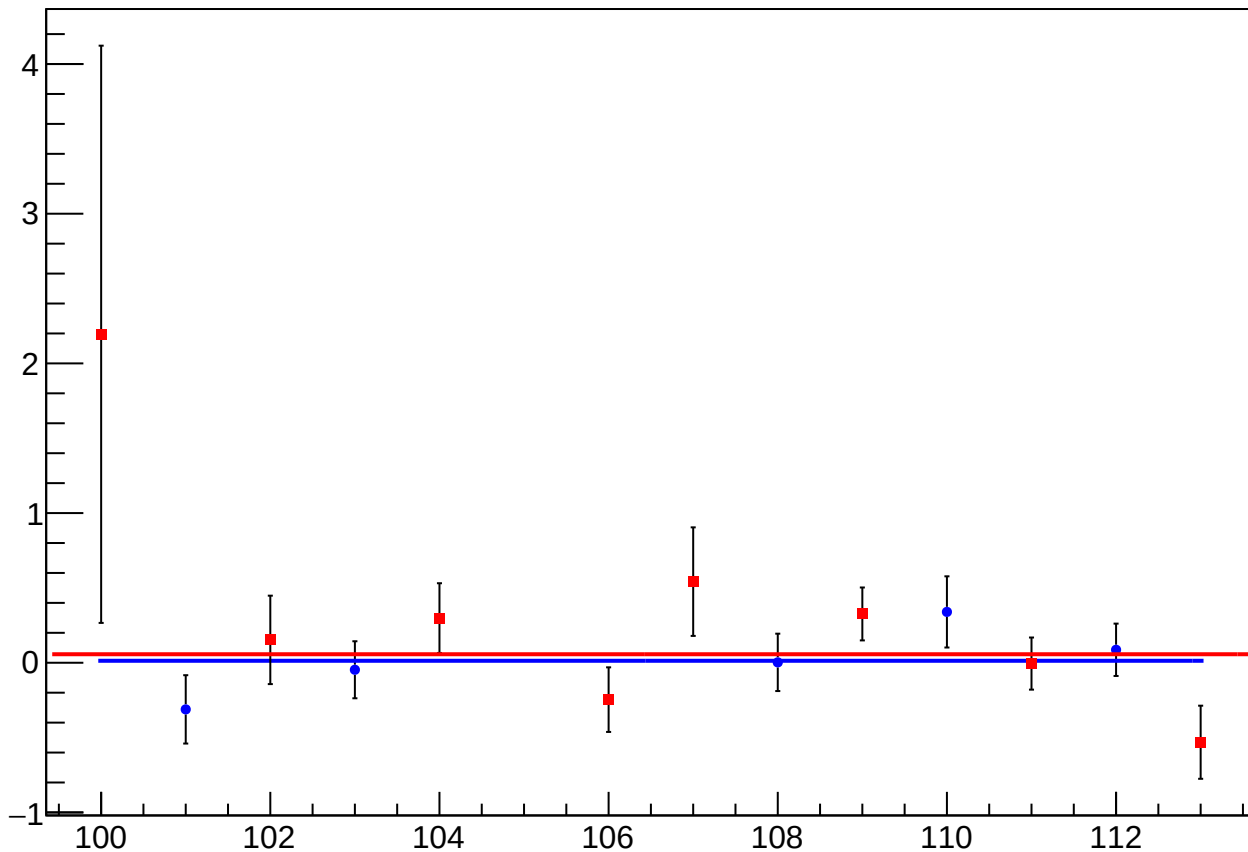
Right: 0.006+/-0.000 χ^2/NDF : 2064086.8/12

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 : 2064086.8/12

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: 0.057 $\pm$ 0.084 χ^2 /NDF: 14.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

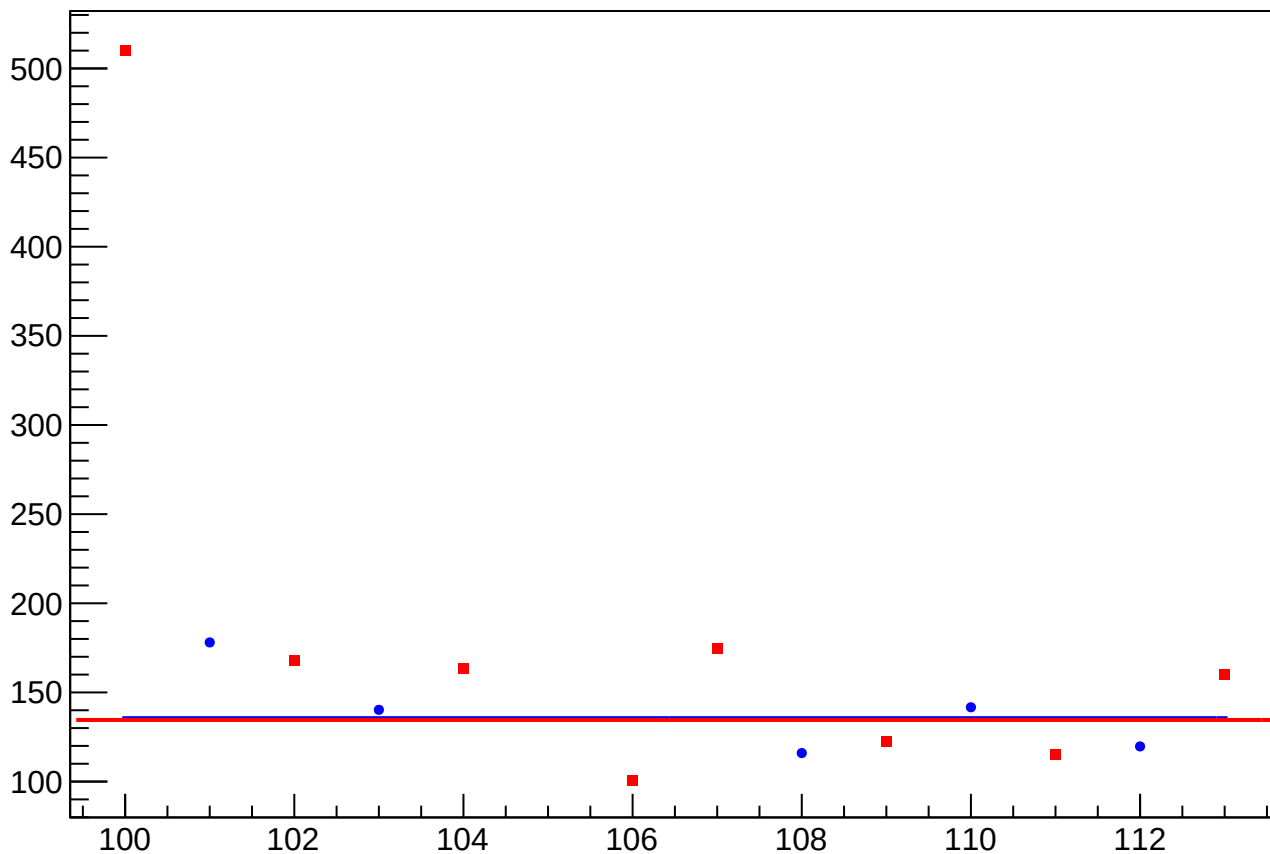
Right: 0.036 $\pm$ 0.061 χ^2 /NDF: 18.7/12

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: 0.036 $\pm$ 0.061 χ^2 /NDF: 18.7/12

asym_usl_atl2_avg_eigen_dit_vs_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: 134.556+/-0.060 χ^2/NDF : 261462.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

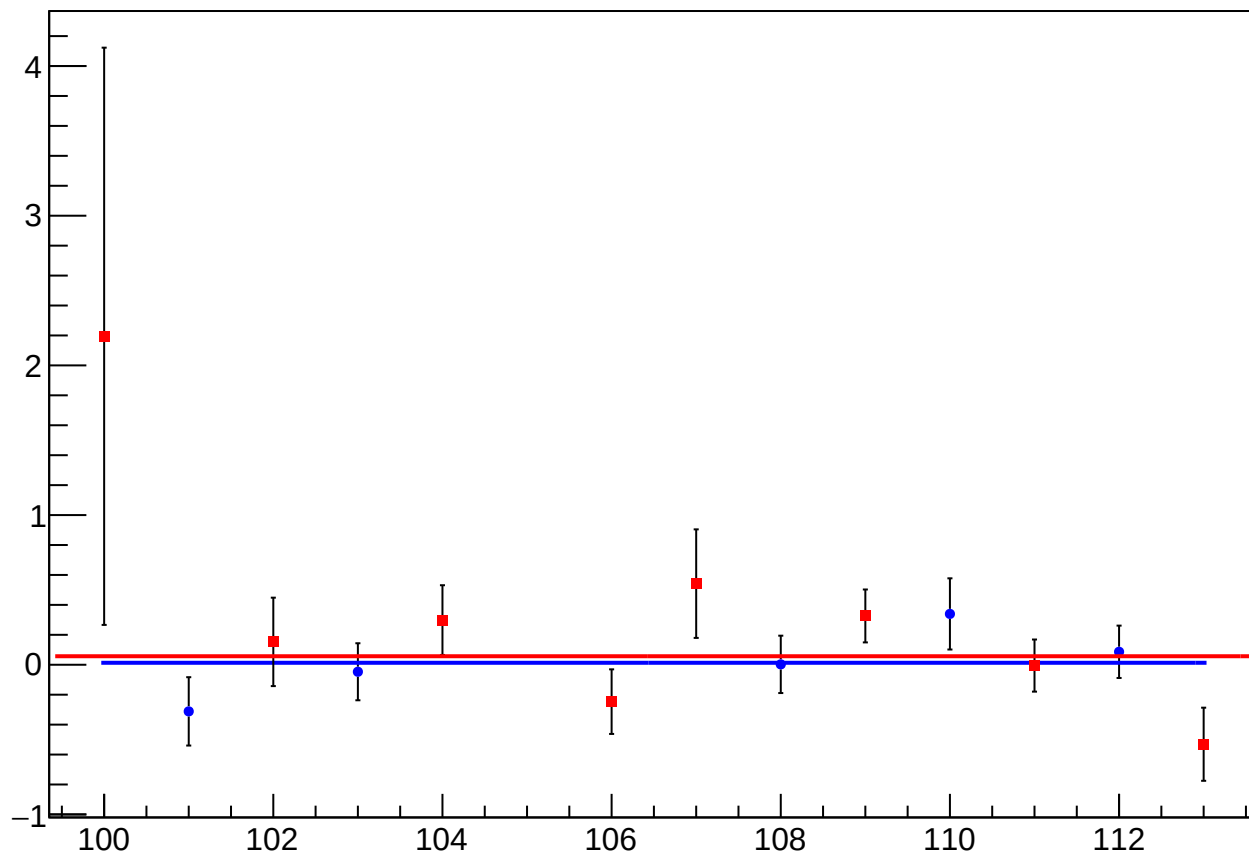
Right: 135.028+/-0.043 χ^2/NDF : 370647.8/12

In: 135.564+/-0.063 χ^2/NDF : 109050.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.028+/-0.043 χ^2/NDF : 370647.8/12

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.090 χ^2/NDF : 4.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.057+/-0.084 χ^2/NDF : 14.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

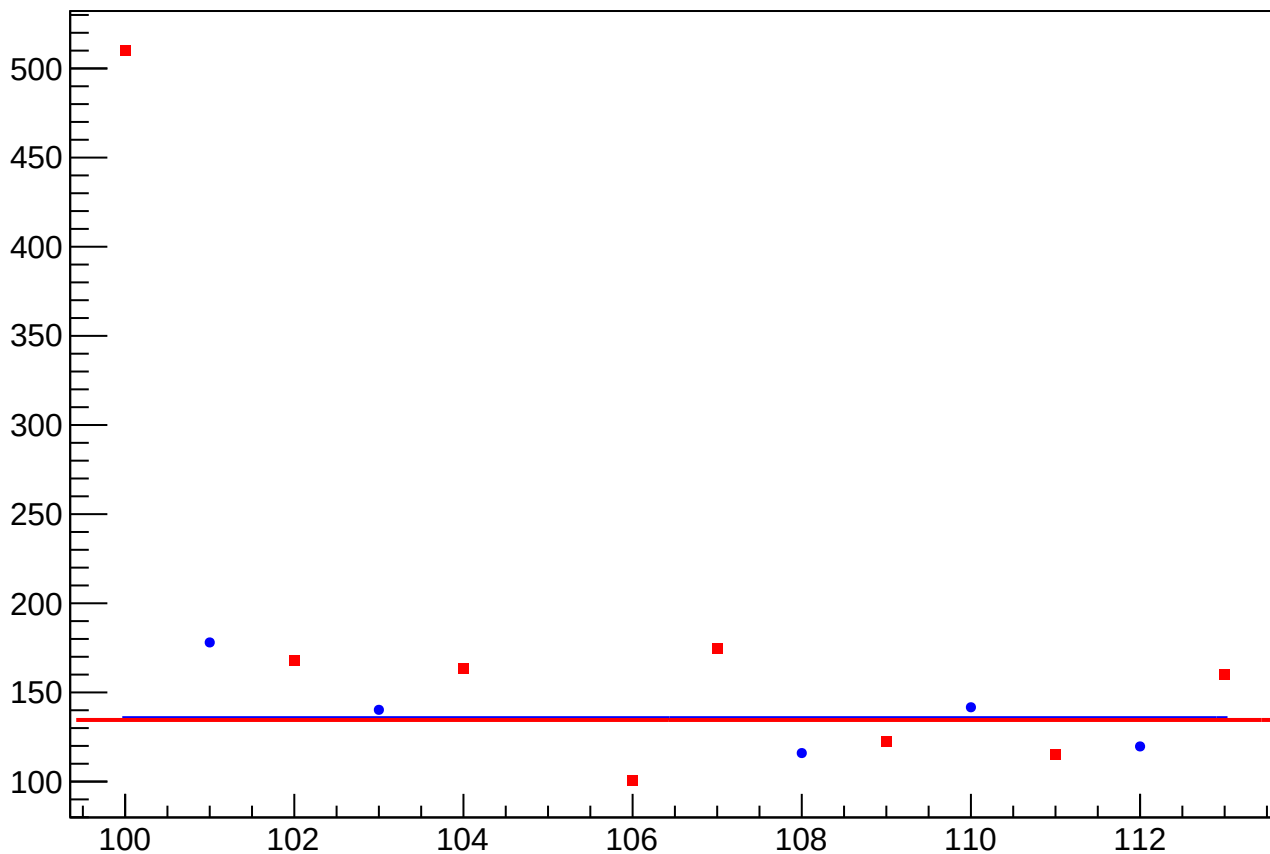
Right: 0.036+/-0.061 χ^2/NDF : 18.7/12

In: 0.013+/-0.090 χ^2/NDF : 4.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.036+/-0.061 χ^2/NDF : 18.7/12

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: 134.556+/-0.060 χ^2/NDF : 261462.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

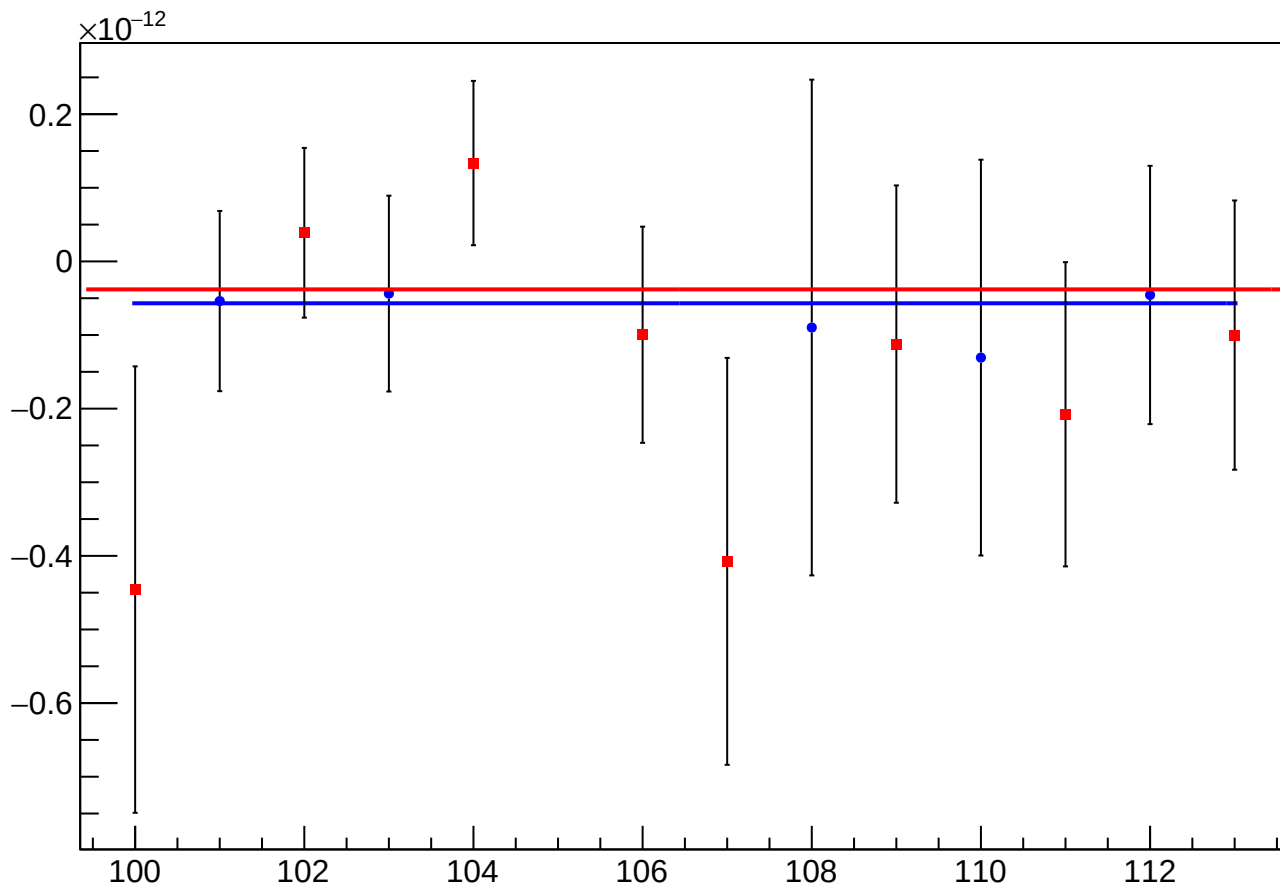
Right: 135.028+/-0.043 χ^2/NDF : 370647.8/12

In: 135.564+/-0.063 χ^2/NDF : 109050.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.028+/-0.043 χ^2/NDF : 370647.8/12

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 : 7.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

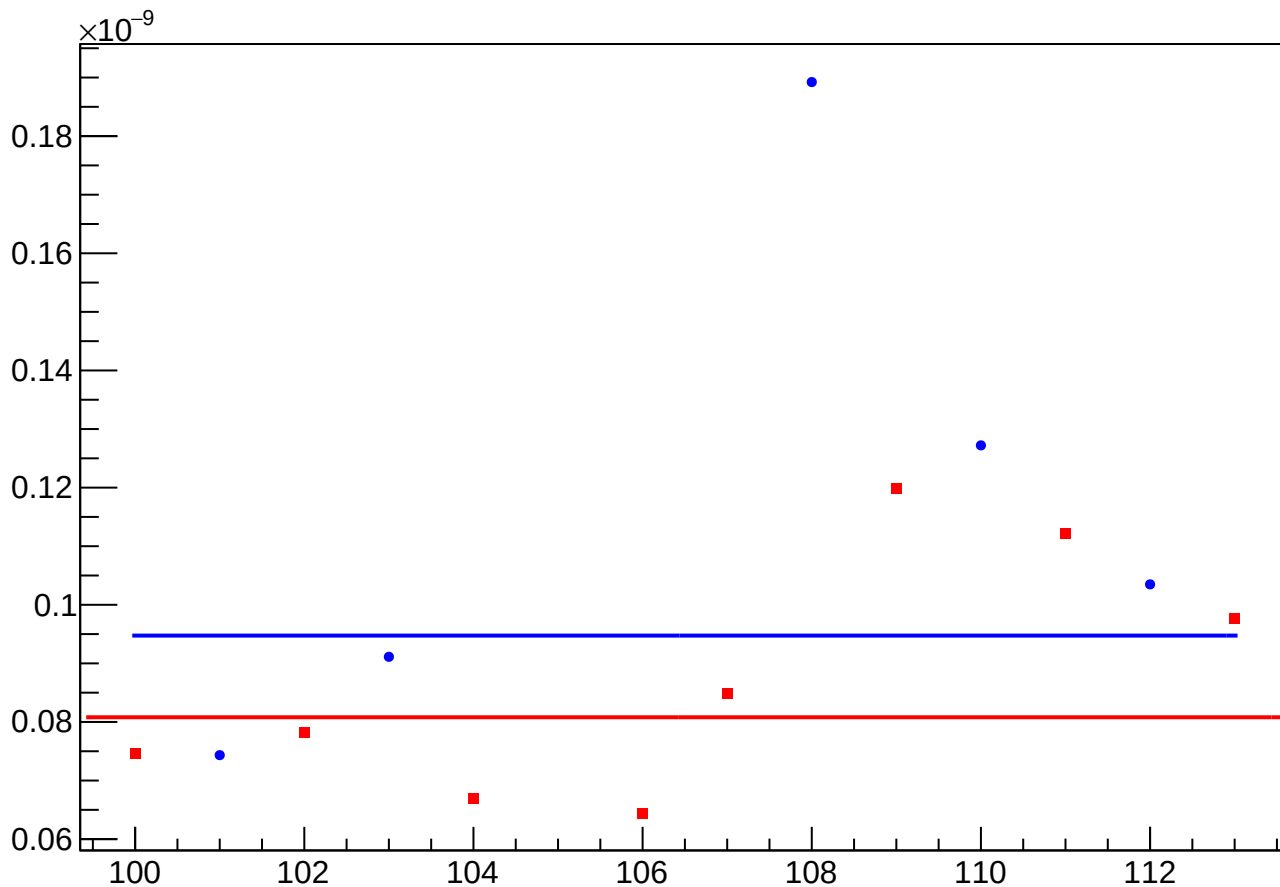
Right: -0.000+/-0.000 χ^2/NDF : 7.6/12

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 : 7.6/12

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 : 186810.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

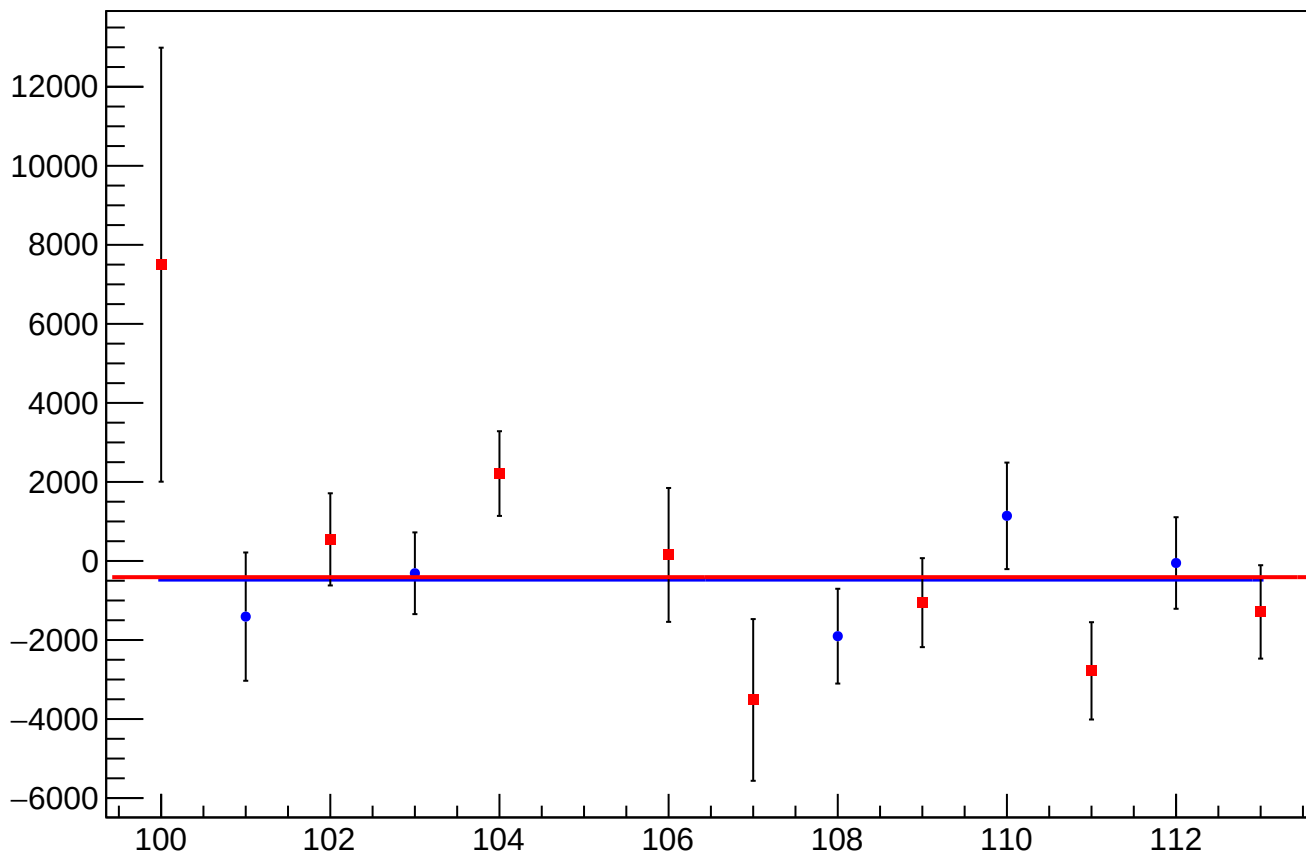
Right: 0.000+/-0.000 χ^2/NDF : 479055.8/12

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 : 479055.8/12

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: -409.713+/-477.242 χ^2/NDF : 15.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

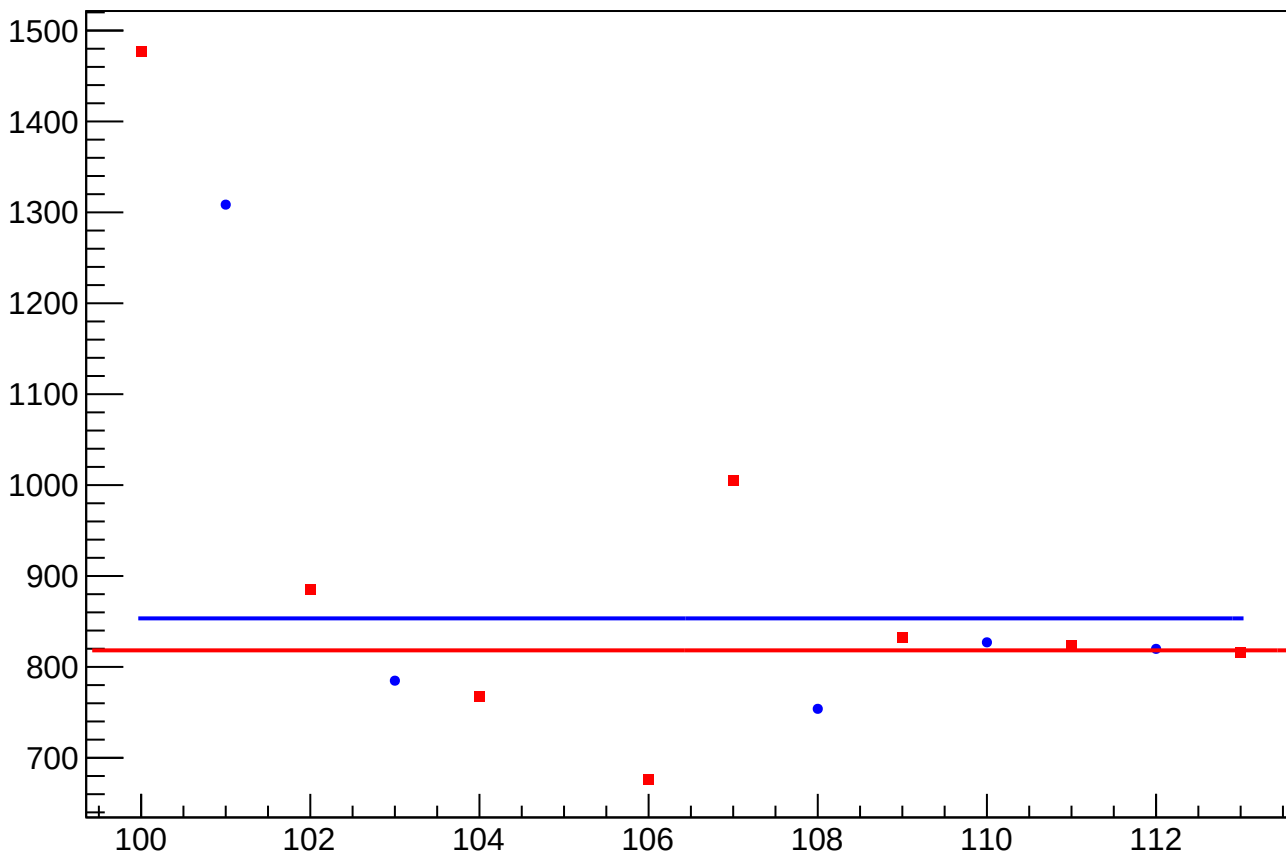
Right: -436.169+/-360.477 χ^2/NDF : 19.1/12

In: -471.315+/-550.059 χ^2/NDF : 3.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -436.169+/-360.477 χ^2/NDF : 19.1/12

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: 818.213+/-0.328 χ^2/NDF : 80847.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

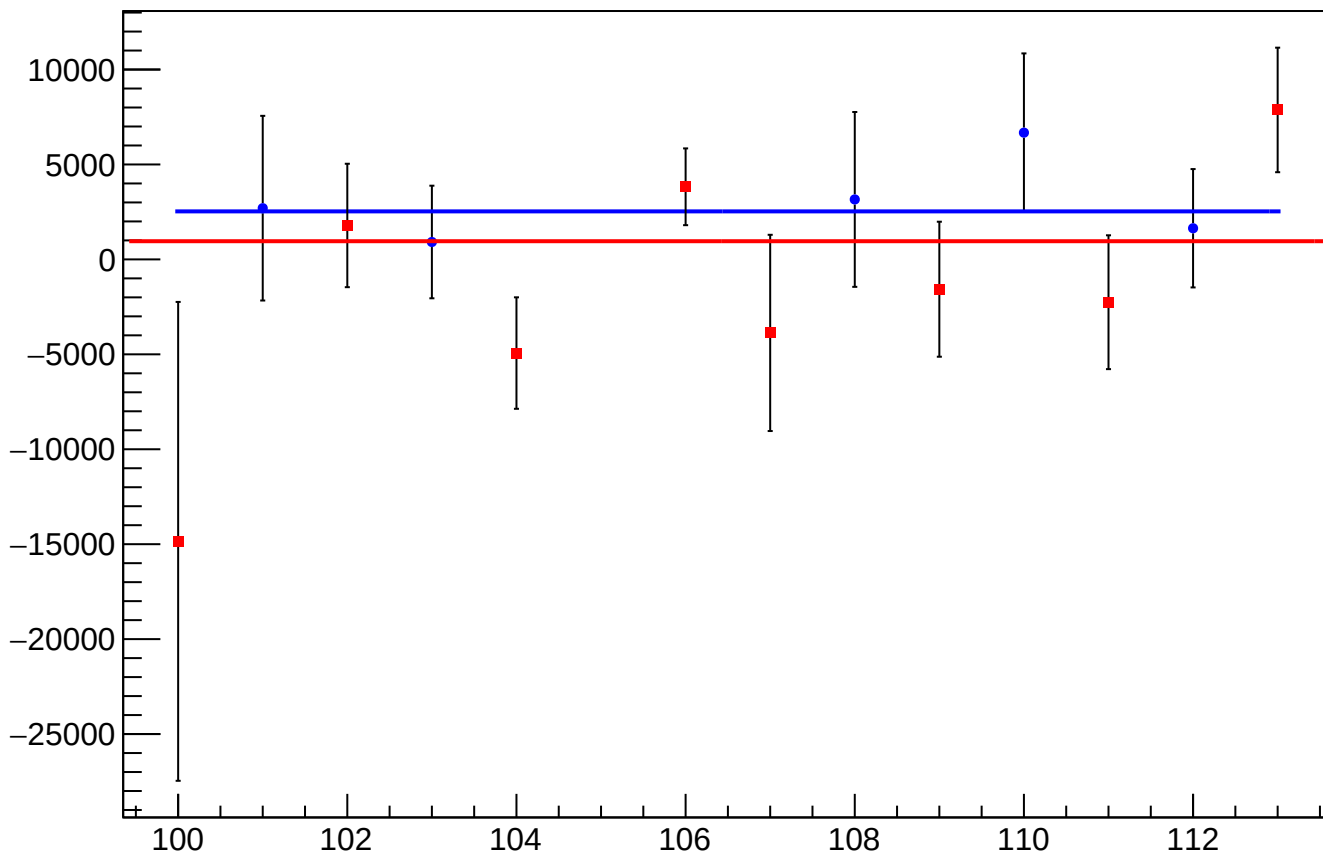
Right: 832.857+/-0.251 χ^2/NDF : 267814.8/12

In: 853.387+/-0.389 χ^2/NDF : 182193.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 832.857+/-0.251 χ^2/NDF : 267814.8/12

asym_usl_atl2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 2528.852 $\pm$ 1658.723 χ^2 /NDF: 1.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 957.796 $\pm$ 1153.458 χ^2 /NDF: 14.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

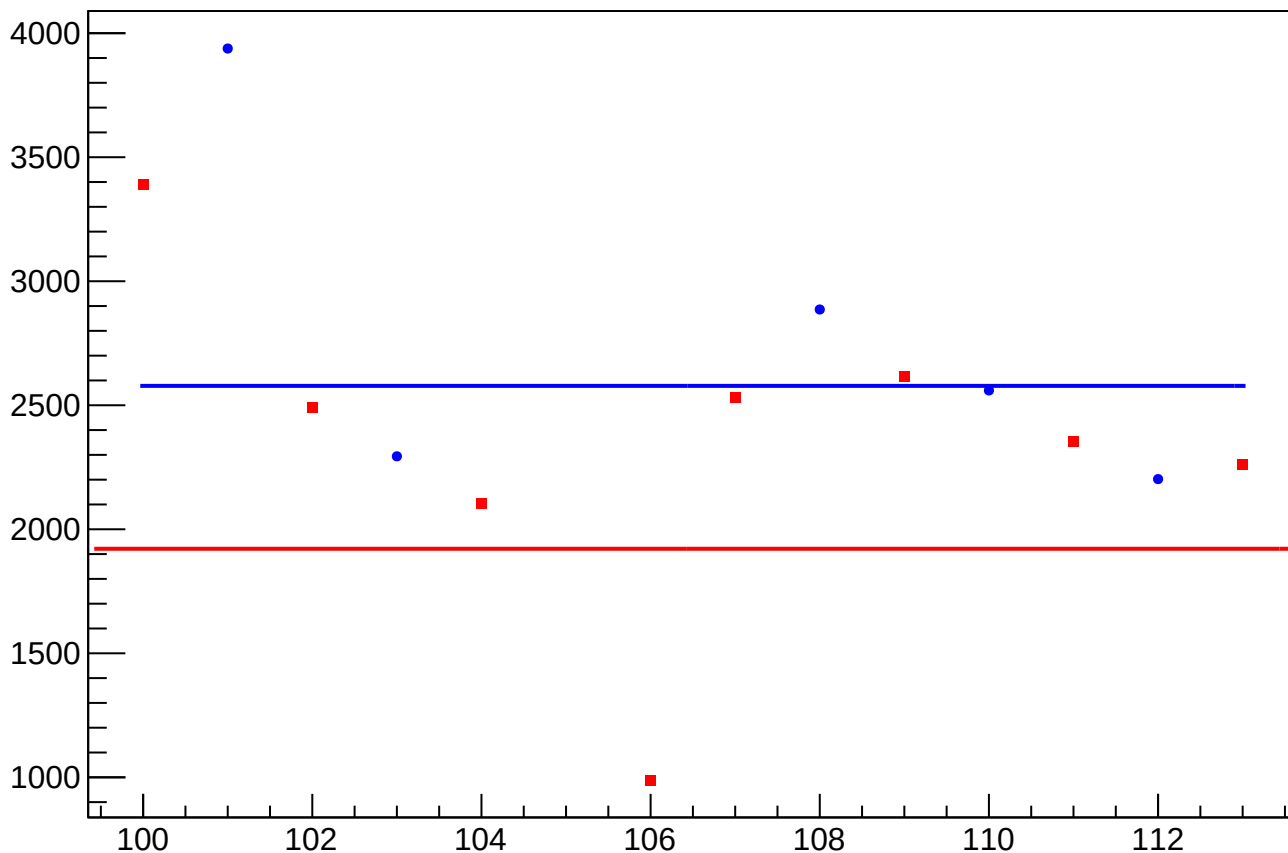
Right: 1469.879 $\pm$ 946.996 χ^2 /NDF: 16.3/12

In: 2528.852 $\pm$ 1658.723 χ^2 /NDF:1.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1469.879 $\pm$ 946.996 χ^2 /NDF: 16.3/12

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: 1921.424+/-0.816 χ^2/NDF : 679290.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

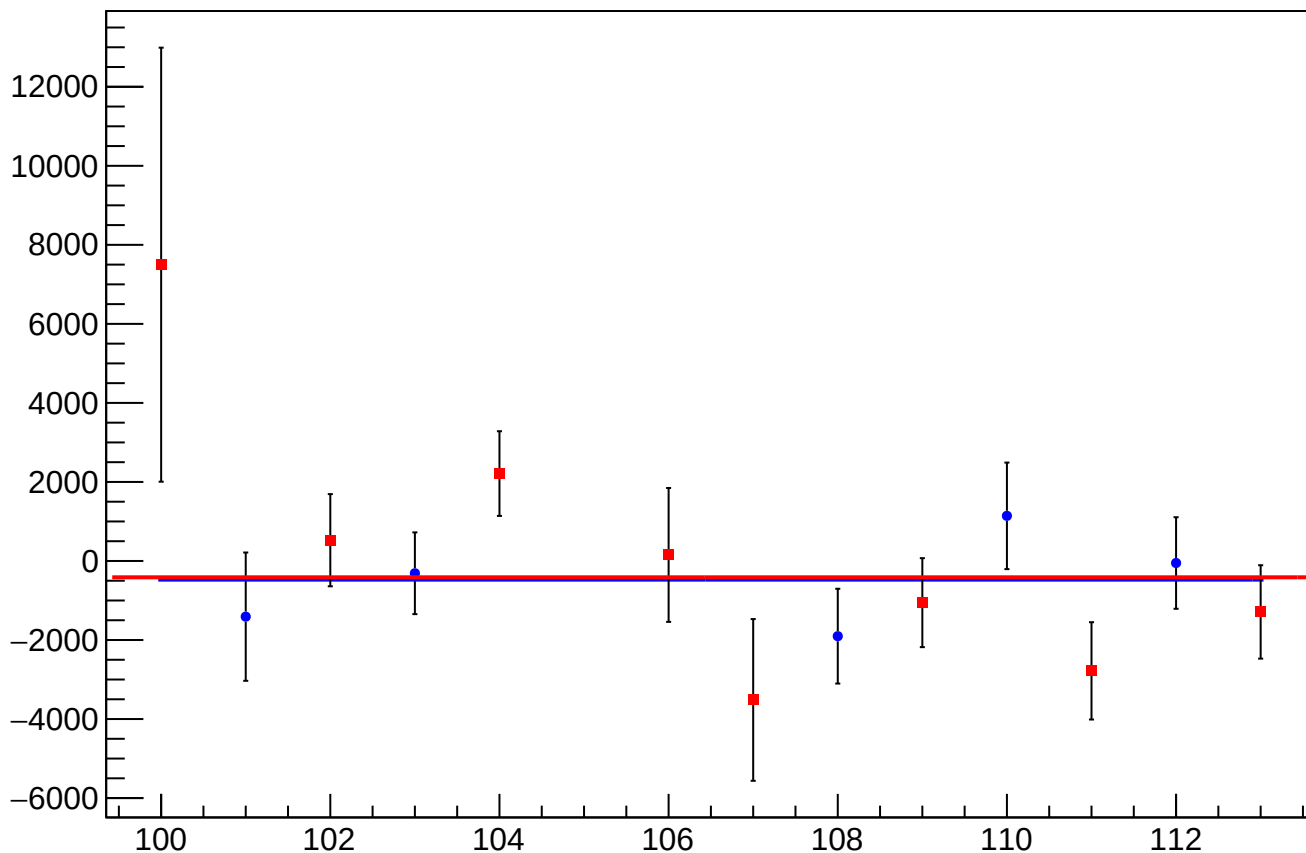
Right: 2135.474+/-0.670 χ^2/NDF : 1103403.9/12

In: 2578.124+/-1.173 χ^2/NDF : 212808.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2135.474+/-0.670 χ^2/NDF : 1103403.9/12

cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -471.402 $\pm$ 550.059 χ^2 /NDF: 3.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -413.341 $\pm$ 477.258 χ^2 /NDF: 15.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

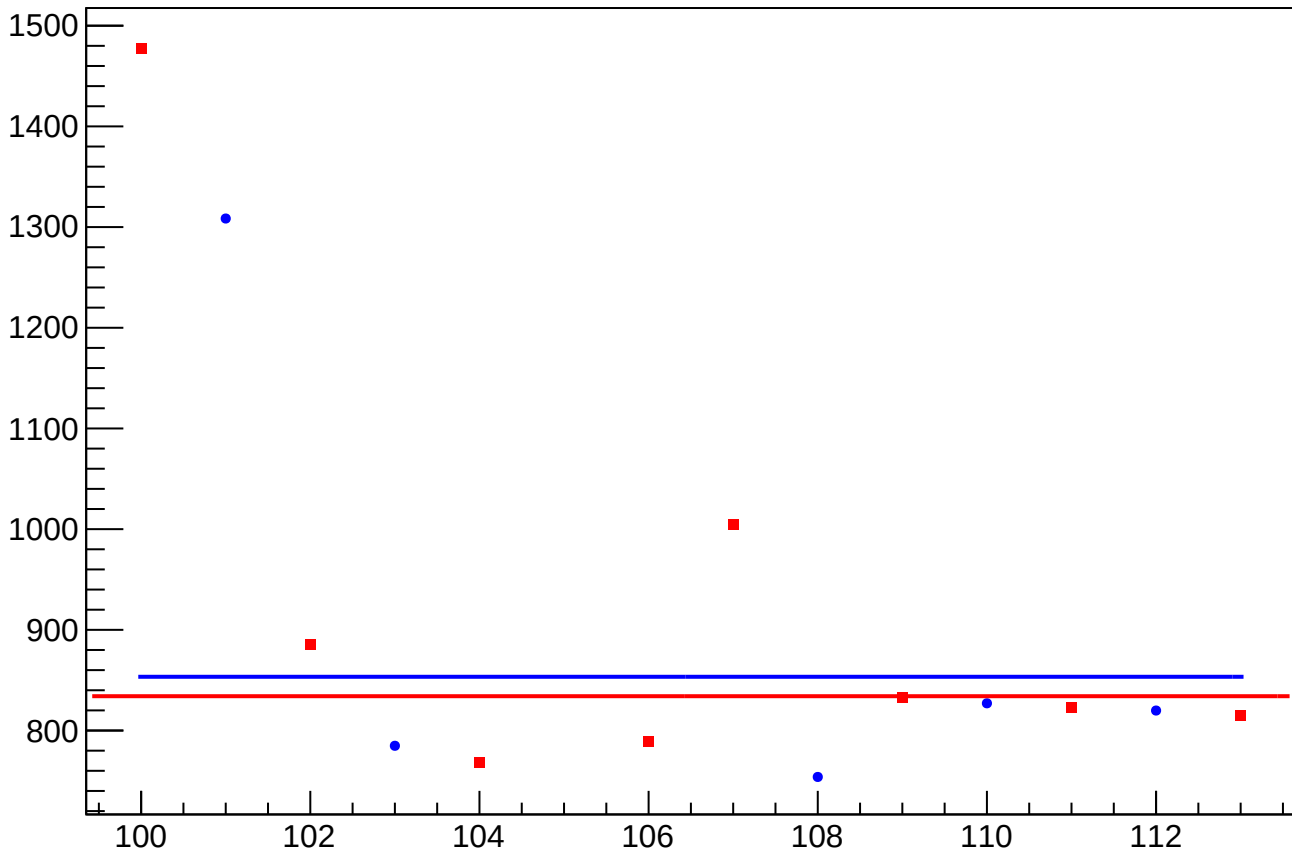
Right: -438.278 $\pm$ 360.483 χ^2 /NDF: 19.1/12

In: -471.402 $\pm$ 550.059 χ^2 /NDF: 3.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -438.278 $\pm$ 360.483 χ^2 /NDF: 19.1/12

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: 834.092+/-0.334 χ^2/NDF : 55345.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

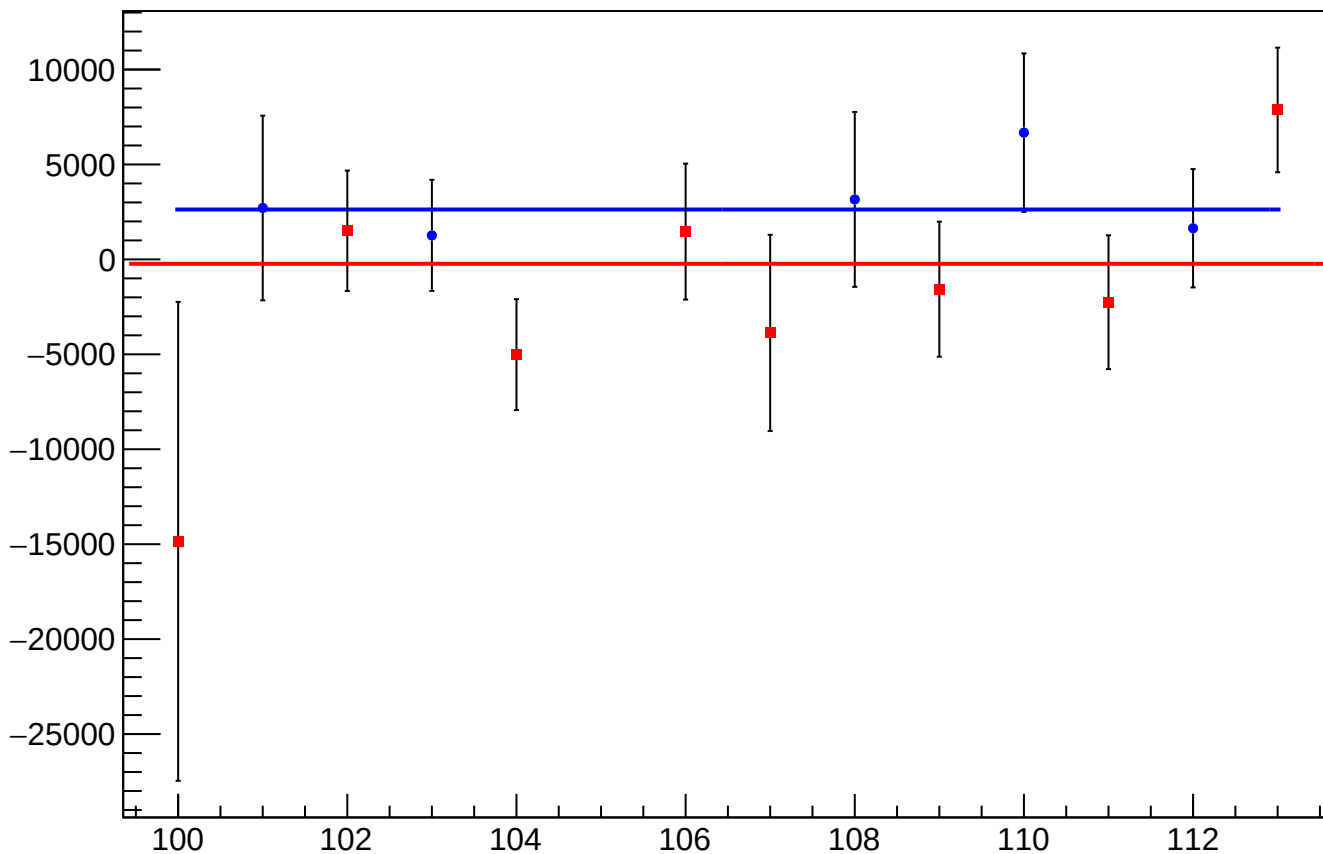
Right: 842.272+/-0.253 χ^2/NDF : 238956.1/12

In: 853.387+/-0.389 χ^2/NDF : 182193.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 842.272+/-0.253 χ^2/NDF : 238956.1/12

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: -230.855+/-1300.690 χ^2 /NDF: 11.6/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

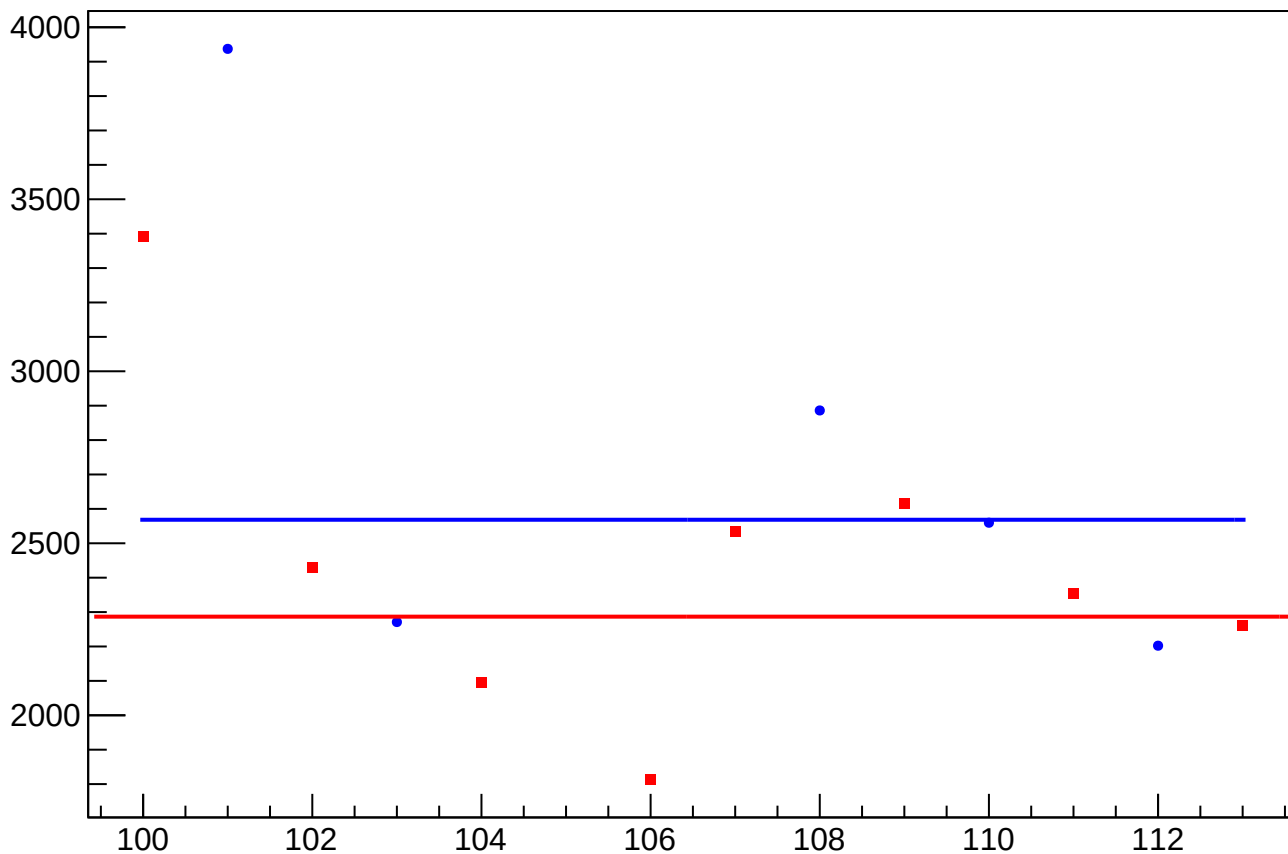
Right: 863.095+/-1021.906 χ^2 /NDF: 14.7/12

In: 2627.418+/-1651.825 χ^2 /NDF:1.3/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 863.095+/-1021.906 χ^2 /NDF: 14.7/12

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: 2286.722+/-0.920 χ^2/NDF : 85975.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

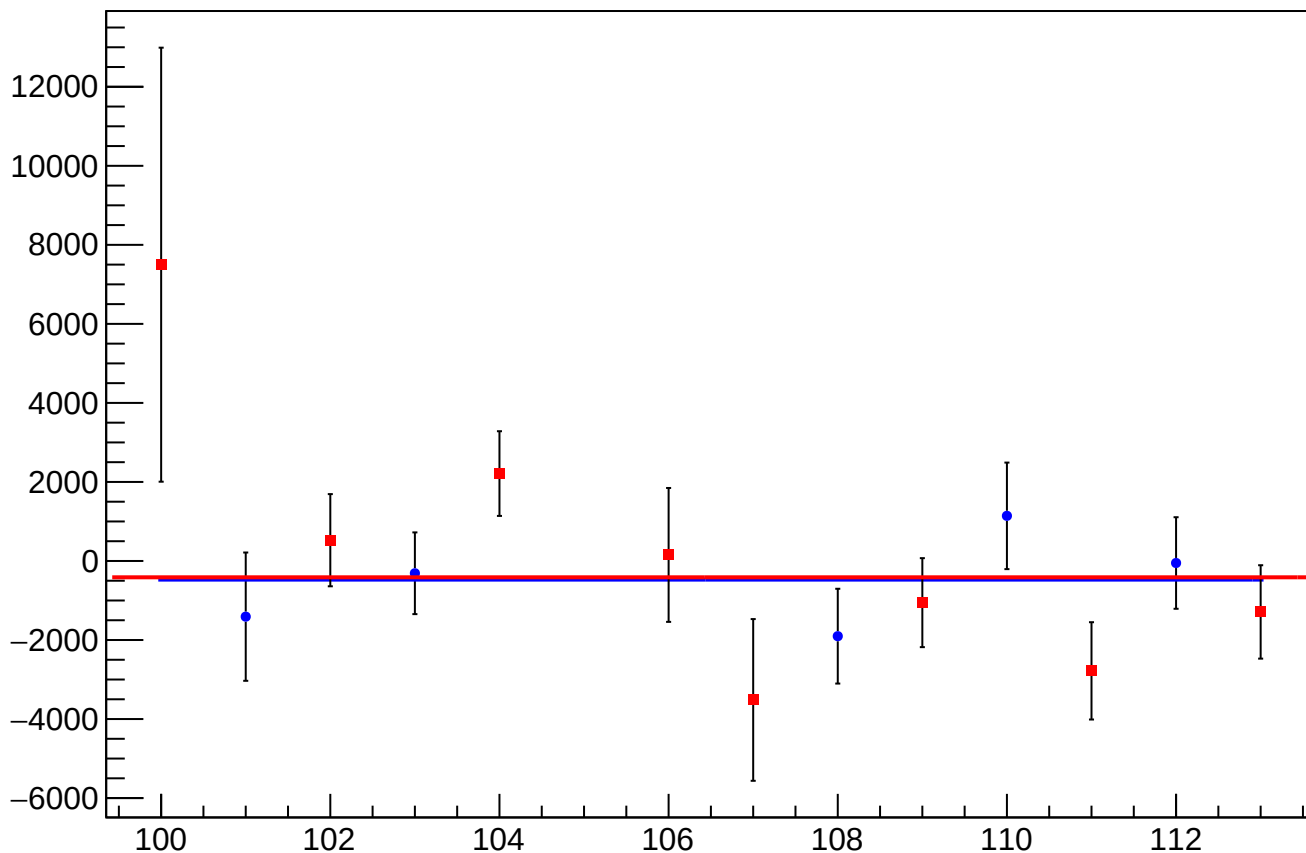
Right: 2394.525+/-0.723 χ^2/NDF : 338140.4/12

In: 2568.390+/-1.168 χ^2/NDF : 216269.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2394.525+/-0.723 χ^2/NDF : 338140.4/12

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: -413.341+/-477.258 χ^2/NDF : 15.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

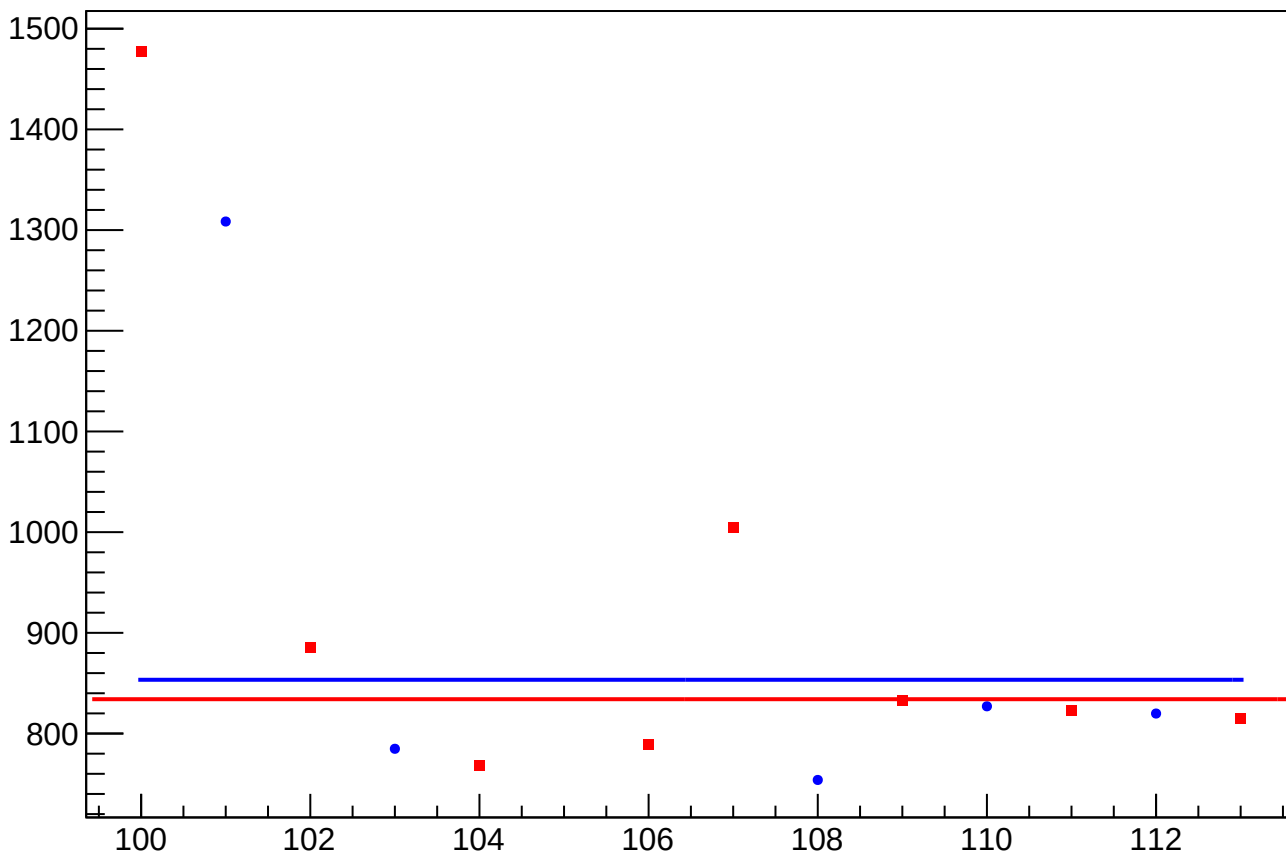
Right: -438.278+/-360.483 χ^2/NDF : 19.1/12

In: -471.402+/-550.059 χ^2/NDF : 3.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -438.278+/-360.483 χ^2/NDF : 19.1/12

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: 834.092+/-0.334 χ^2/NDF : 55345.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

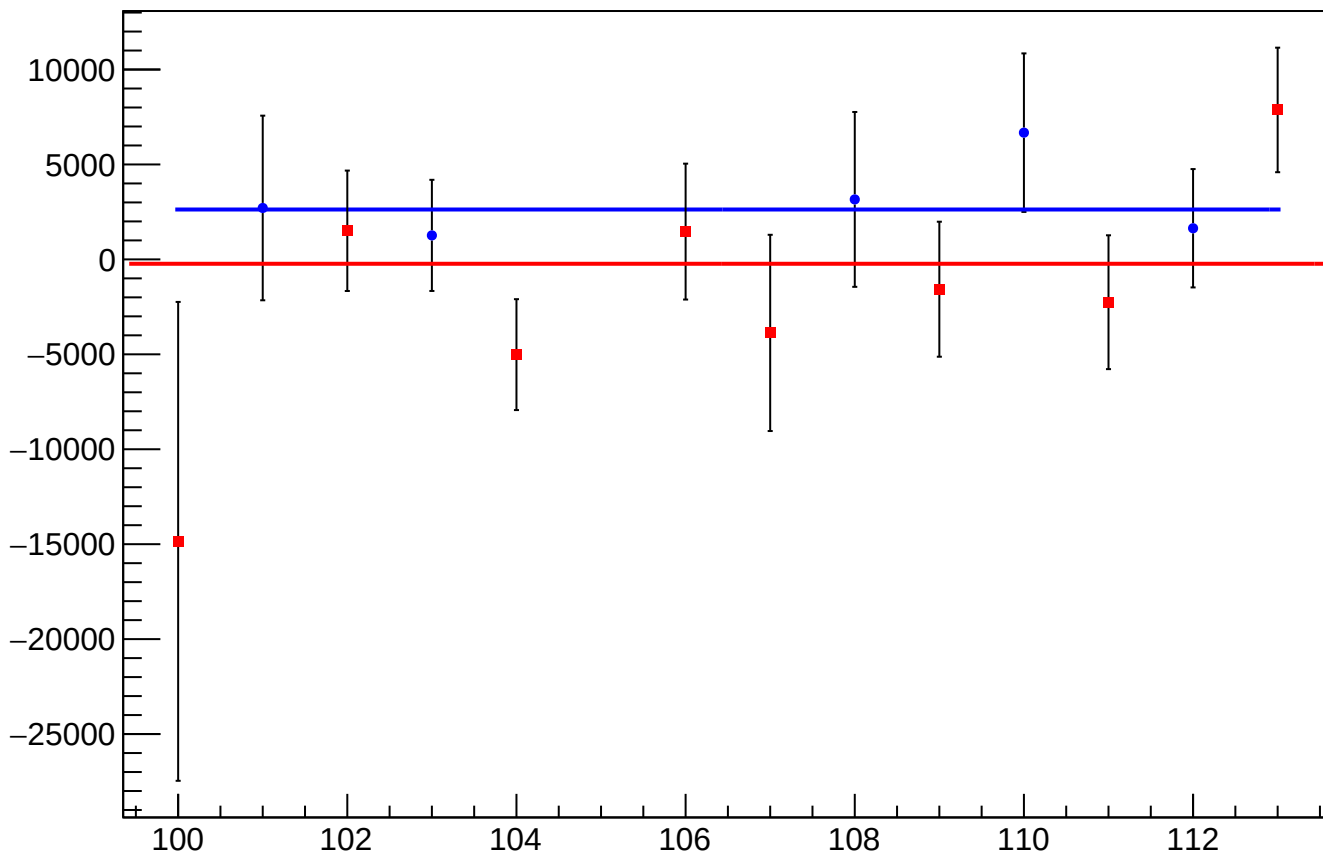
Right: 842.272+/-0.253 χ^2/NDF : 238956.1/12

In: 853.387+/-0.389 χ^2/NDF : 182193.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 842.272+/-0.253 χ^2/NDF : 238956.1/12

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: -230.855+/-1300.690 χ^2/NDF : 11.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

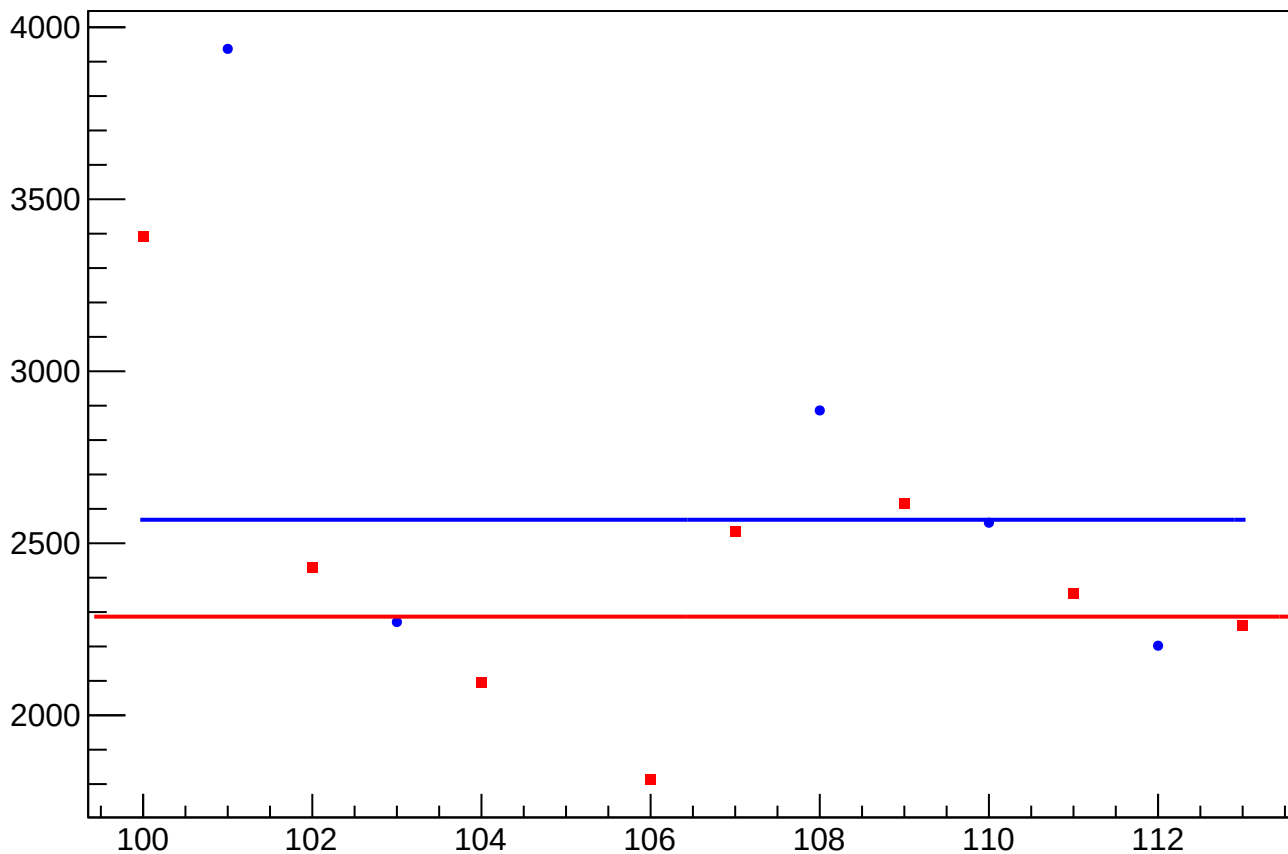
Right: 863.095+/-1021.906 χ^2/NDF : 14.7/12

In: 2627.418+/-1651.825 χ^2/NDF : 1.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 863.095+/-1021.906 χ^2/NDF : 14.7/12

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: 2286.722+/-0.920 χ^2/NDF : 85975.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

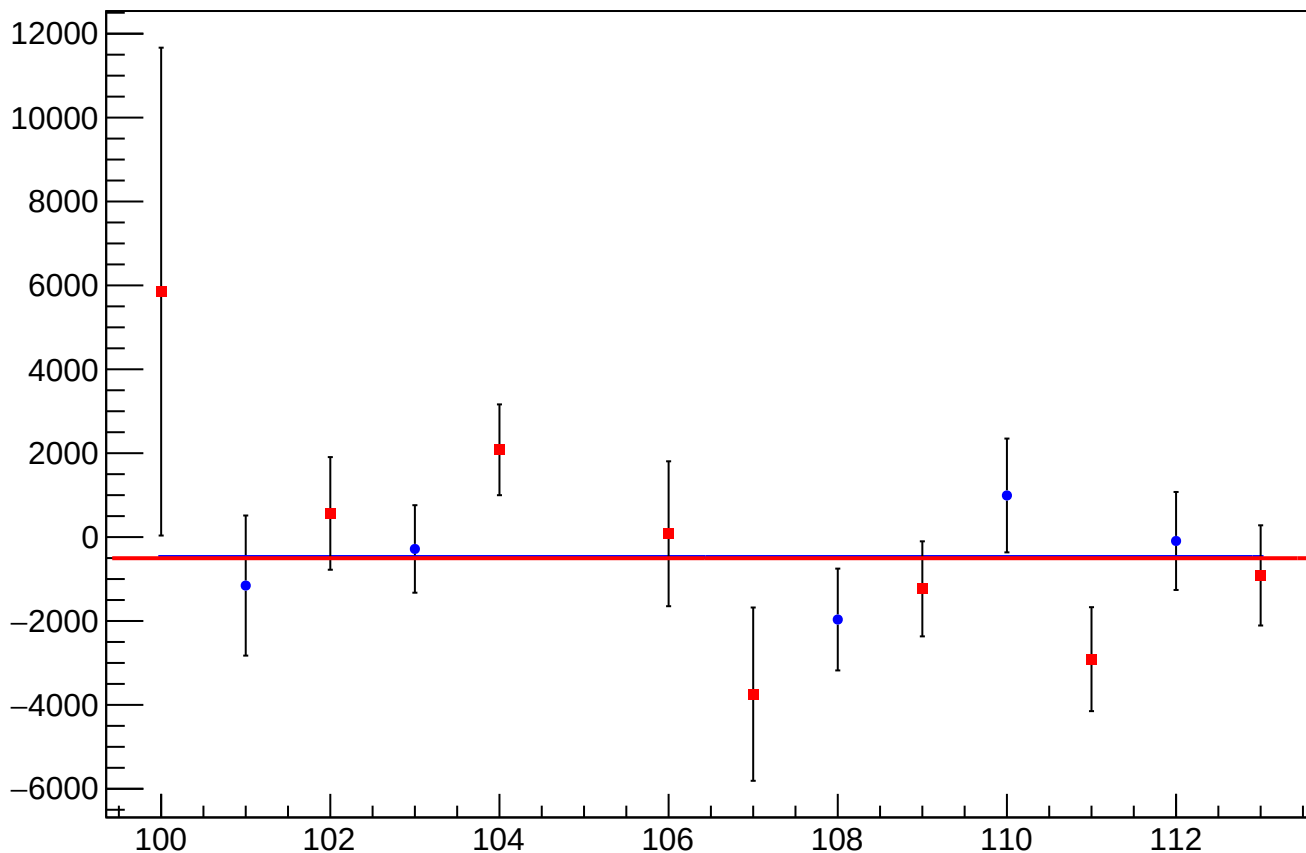
Right: 2394.525+/-0.723 χ^2/NDF : 338140.4/12

In: 2568.390+/-1.168 χ^2/NDF : 216269.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2394.525+/-0.723 χ^2/NDF : 338140.4/12

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: -503.720+/-491.526 χ^2/NDF : 14.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

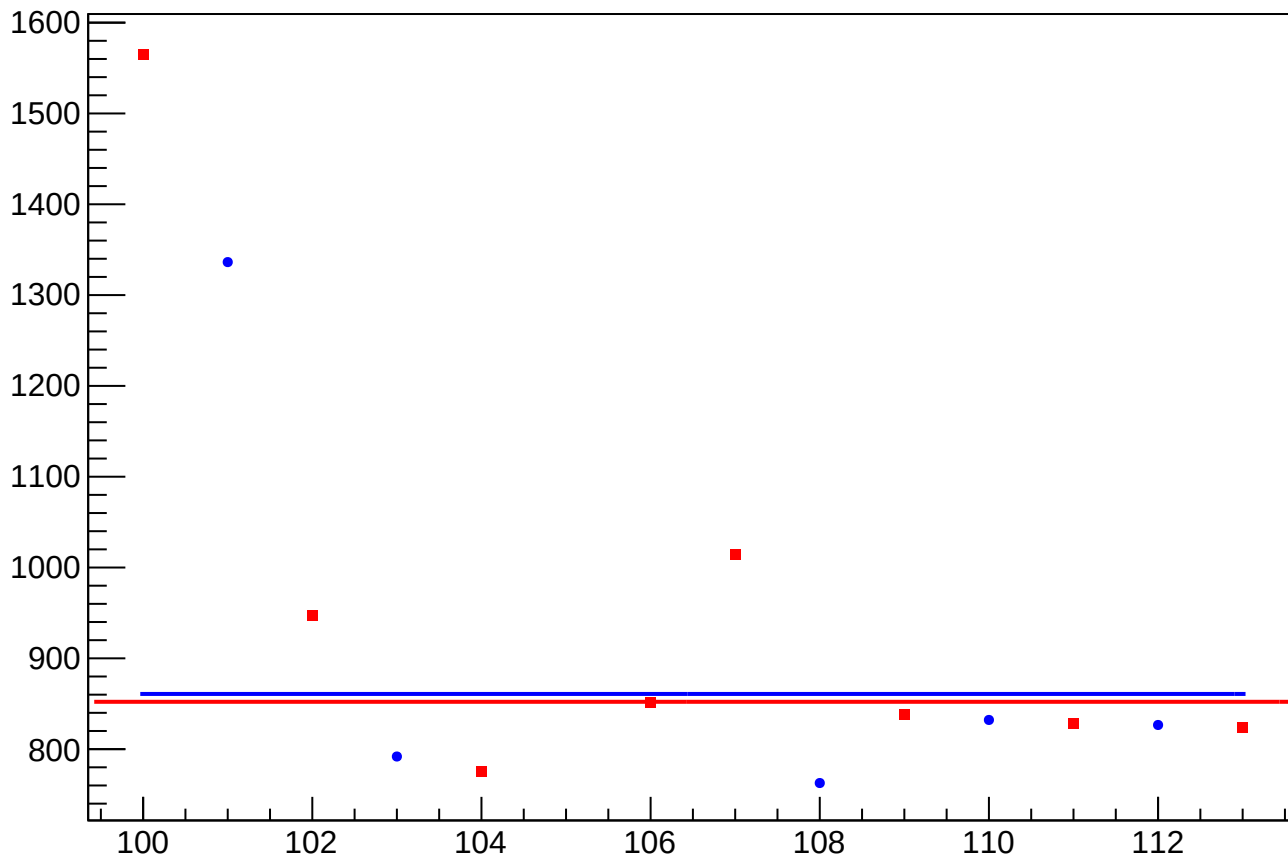
Right: -491.295+/-368.304 χ^2/NDF : 17.4/12

In: -475.388+/-556.162 χ^2/NDF : 3.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -491.295+/-368.304 χ^2/NDF : 17.4/12

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: 852.147 $\pm$ 0.347 χ^2 /NDF: 64703.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

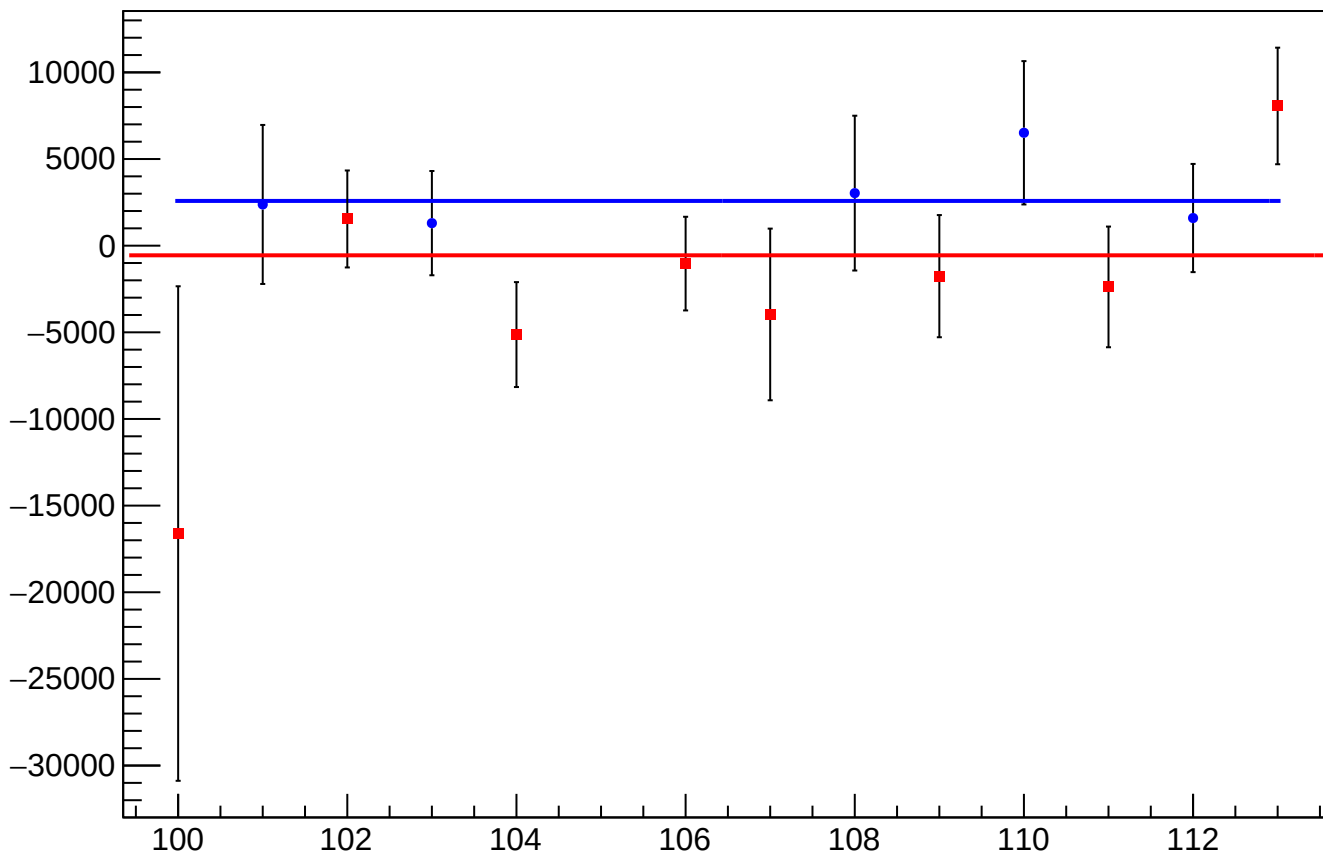
Right: 855.929 $\pm$ 0.260 χ^2 /NDF: 251544.8/12

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: 855.929 $\pm$ 0.260 χ^2 /NDF: 251544.8/12

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: -556.228+/-1221.013 χ^2/NDF : 11.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

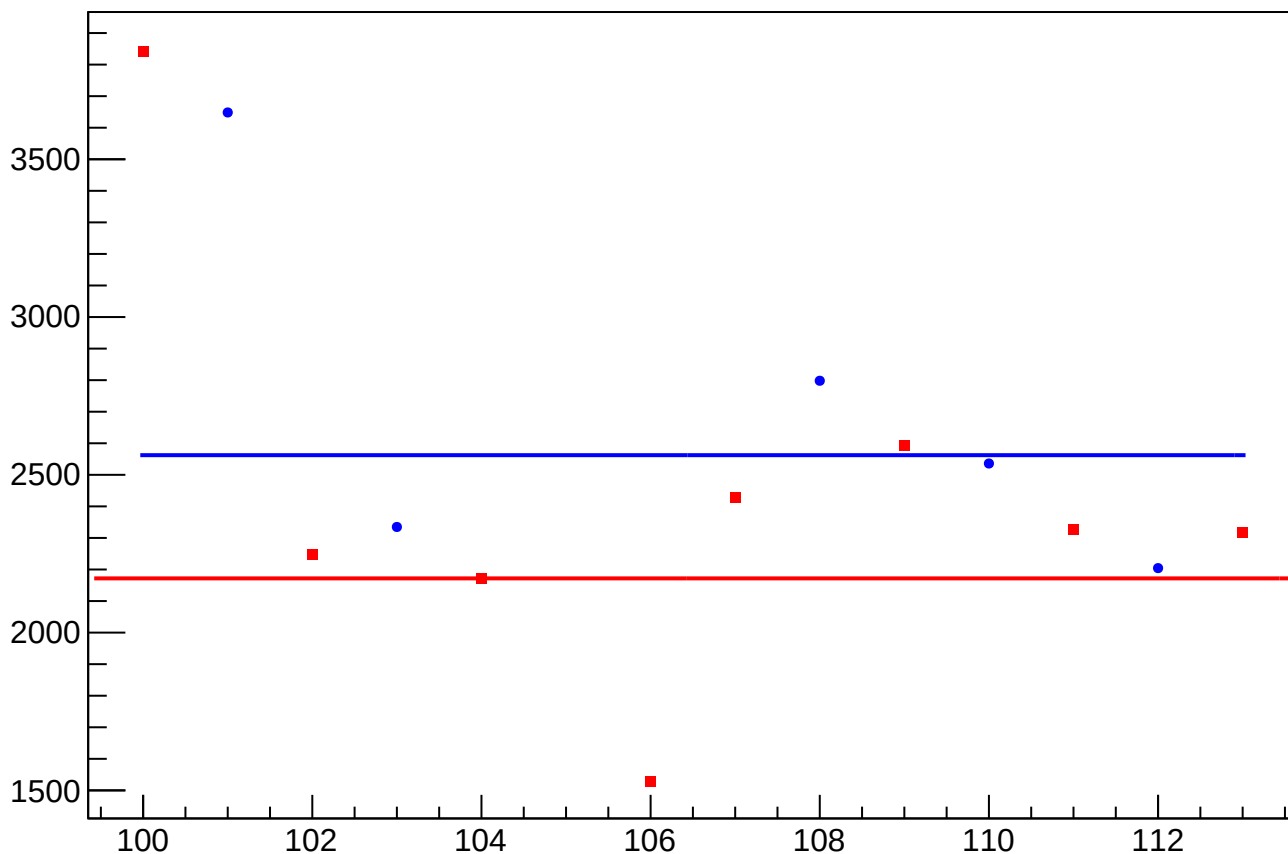
Right: 557.919+/-980.602 χ^2/NDF : 15.1/12

In: 2582.011+/-1645.752 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 557.919+/-980.602 χ^2/NDF : 15.1/12

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: 2171.841+/-0.863 χ^2/NDF : 183635.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

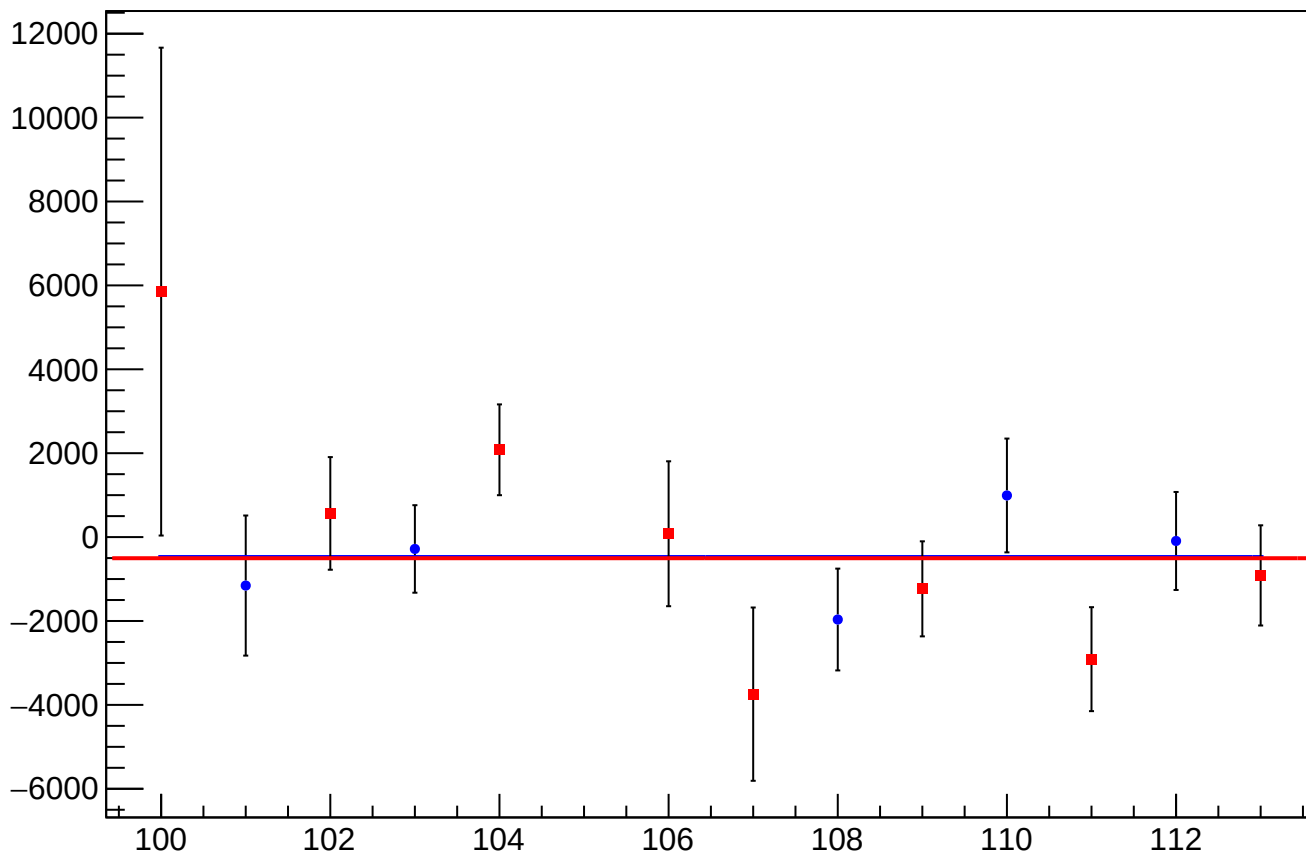
Right: 2310.464+/-0.693 χ^2/NDF : 411694.1/12

In: 2562.304+/-1.164 χ^2/NDF : 155447.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2310.464+/-0.693 χ^2/NDF : 411694.1/12

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: -503.729+/-491.526 χ^2/NDF : 14.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

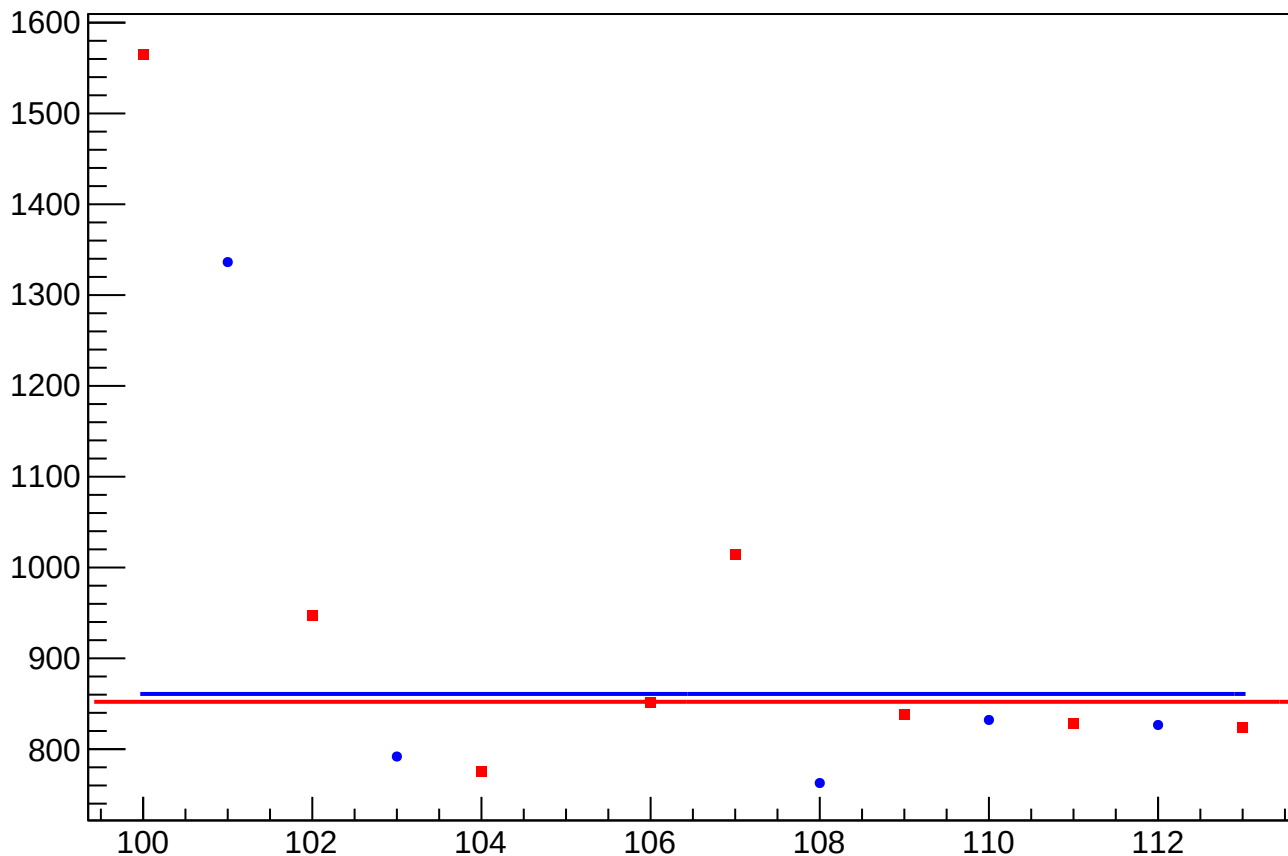
Right: -491.304+/-368.304 χ^2/NDF : 17.4/12

In: -475.396+/-556.162 χ^2/NDF : 3.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -491.304+/-368.304 χ^2/NDF : 17.4/12

eigen_dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 860.793 $\pm$ 0.393 χ^2 /NDF: 186568.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 852.147 $\pm$ 0.347 χ^2 /NDF: 64703.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

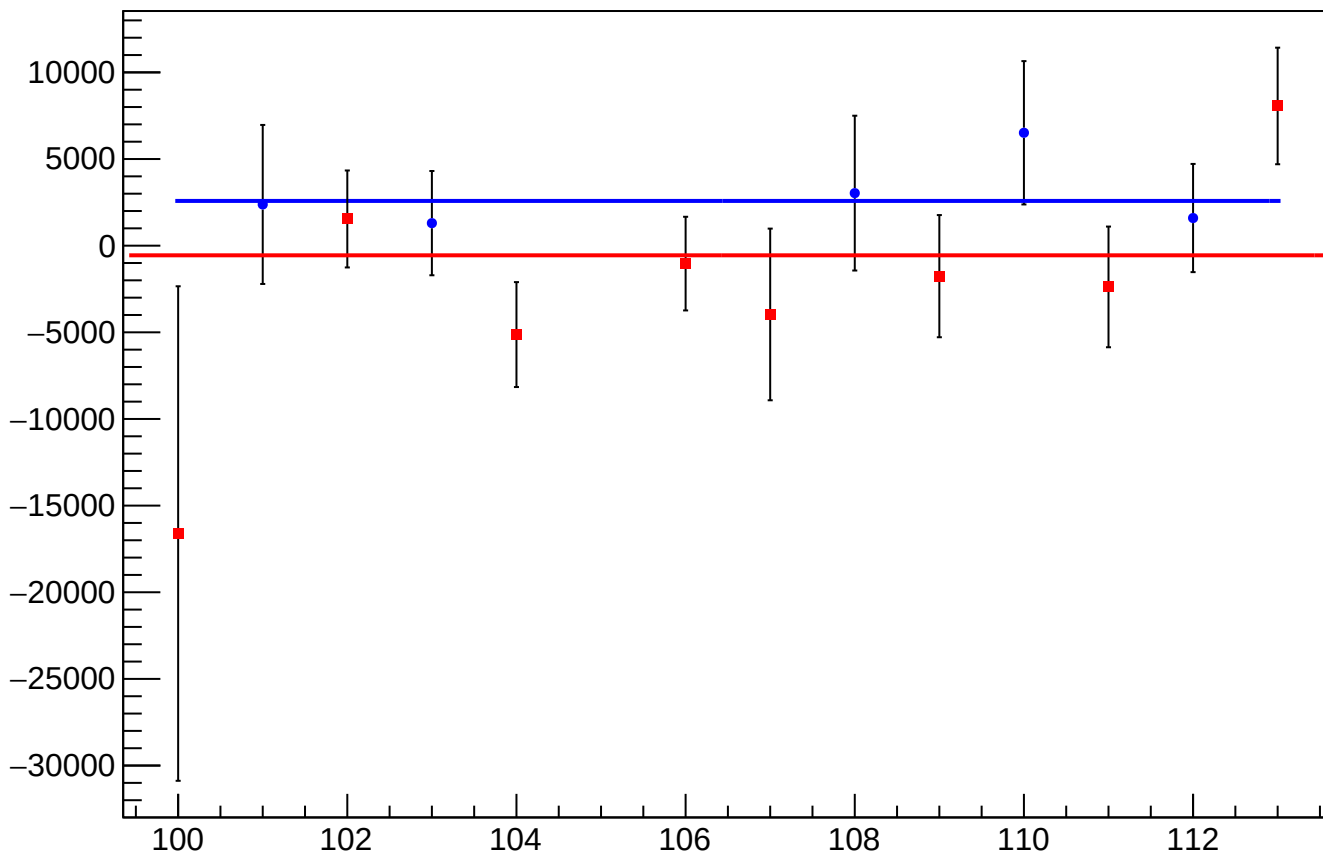
Right: 855.929 $\pm$ 0.260 χ^2 /NDF: 251544.1/12

In: 860.793 $\pm$ 0.393 χ^2 /NDF:186568.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 855.929 $\pm$ 0.260 χ^2 /NDF: 251544.1/12

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: -556.229+/-1221.011 χ^2/NDF : 11.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

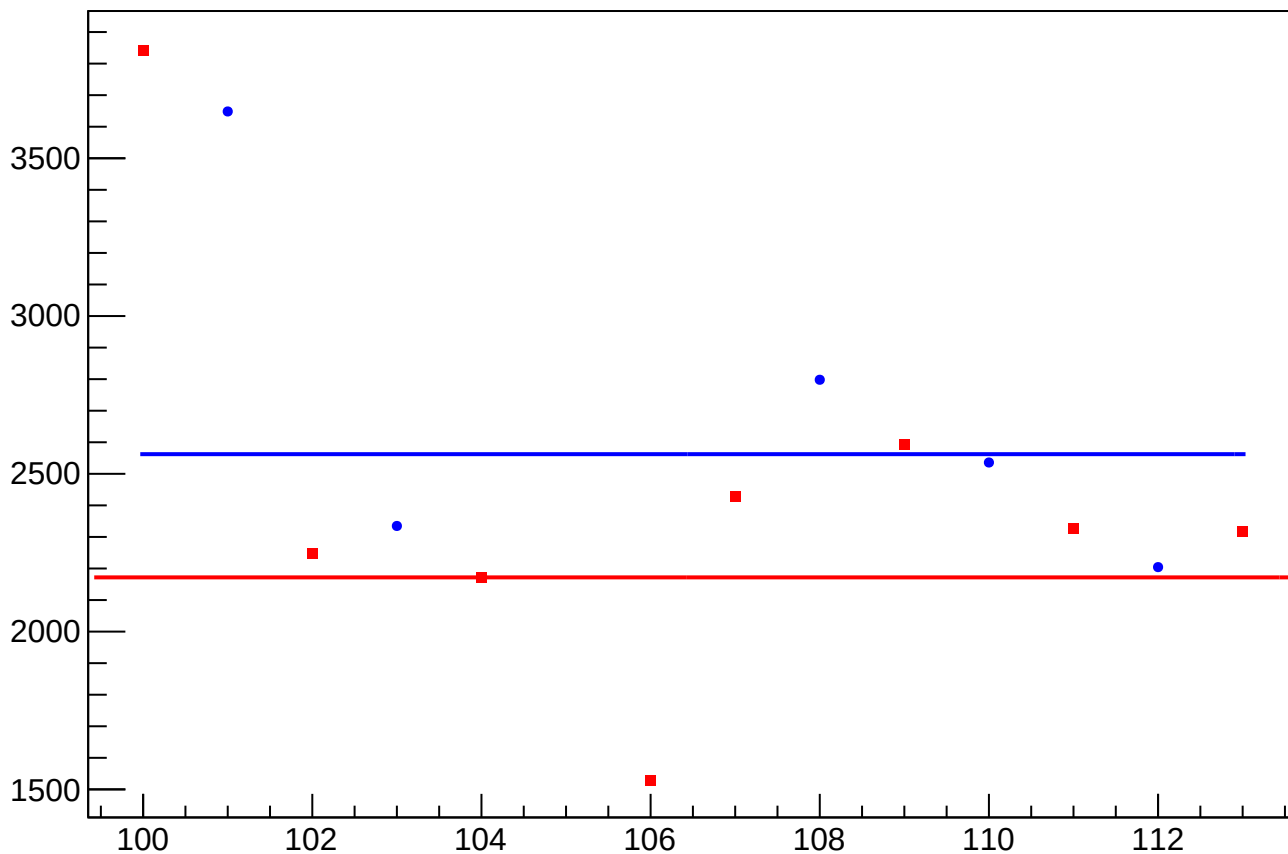
Right: 557.917+/-980.600 χ^2/NDF : 15.1/12

In: 2582.006+/-1645.749 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 557.917+/-980.600 χ^2/NDF : 15.1/12

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: 2171.836+/-0.863 χ^2/NDF : 183637.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

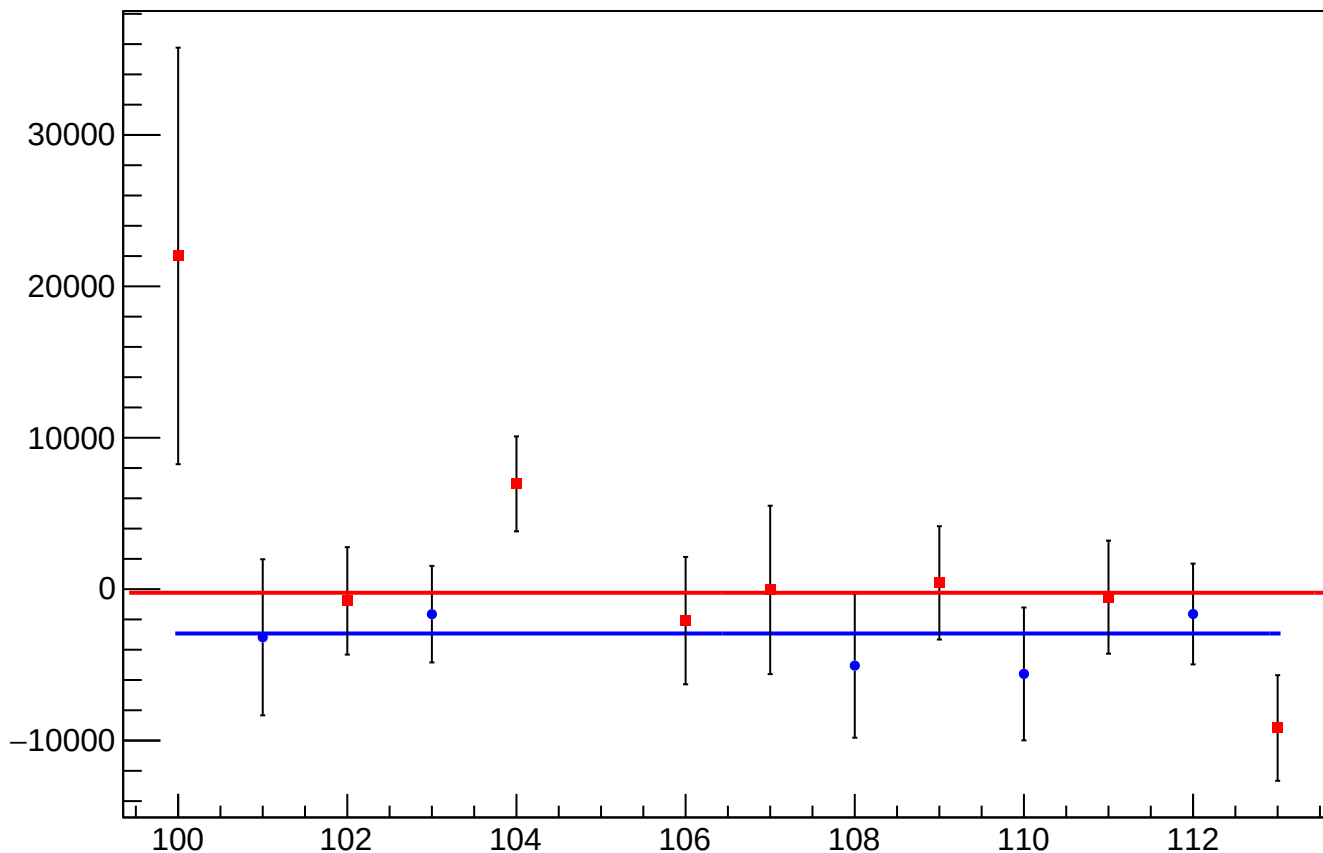
Right: 2310.459+/-0.693 χ^2/NDF : 411696.8/12

In: 2562.298+/-1.164 χ^2/NDF : 155447.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2310.459+/-0.693 χ^2/NDF : 411696.8/12

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: -237.341+/-1413.314 χ^2/NDF : 14.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

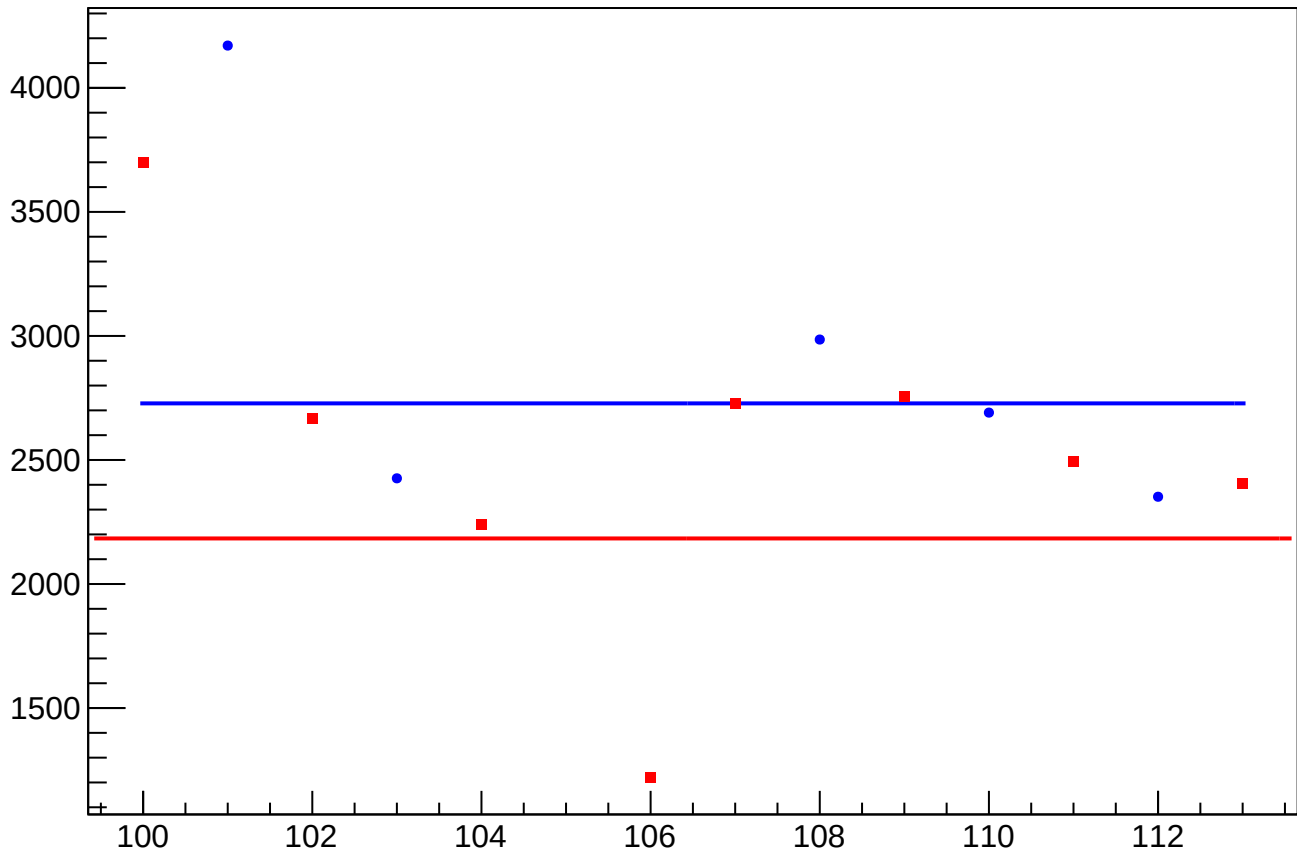
Right: -1291.437+/-1102.268 χ^2/NDF : 17.0/12

In: -2928.216+/-1761.139 χ^2/NDF : 0.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1291.437+/-1102.268 χ^2/NDF : 17.0/12

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: 2183.673+/-0.912 χ^2/NDF : 441569.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

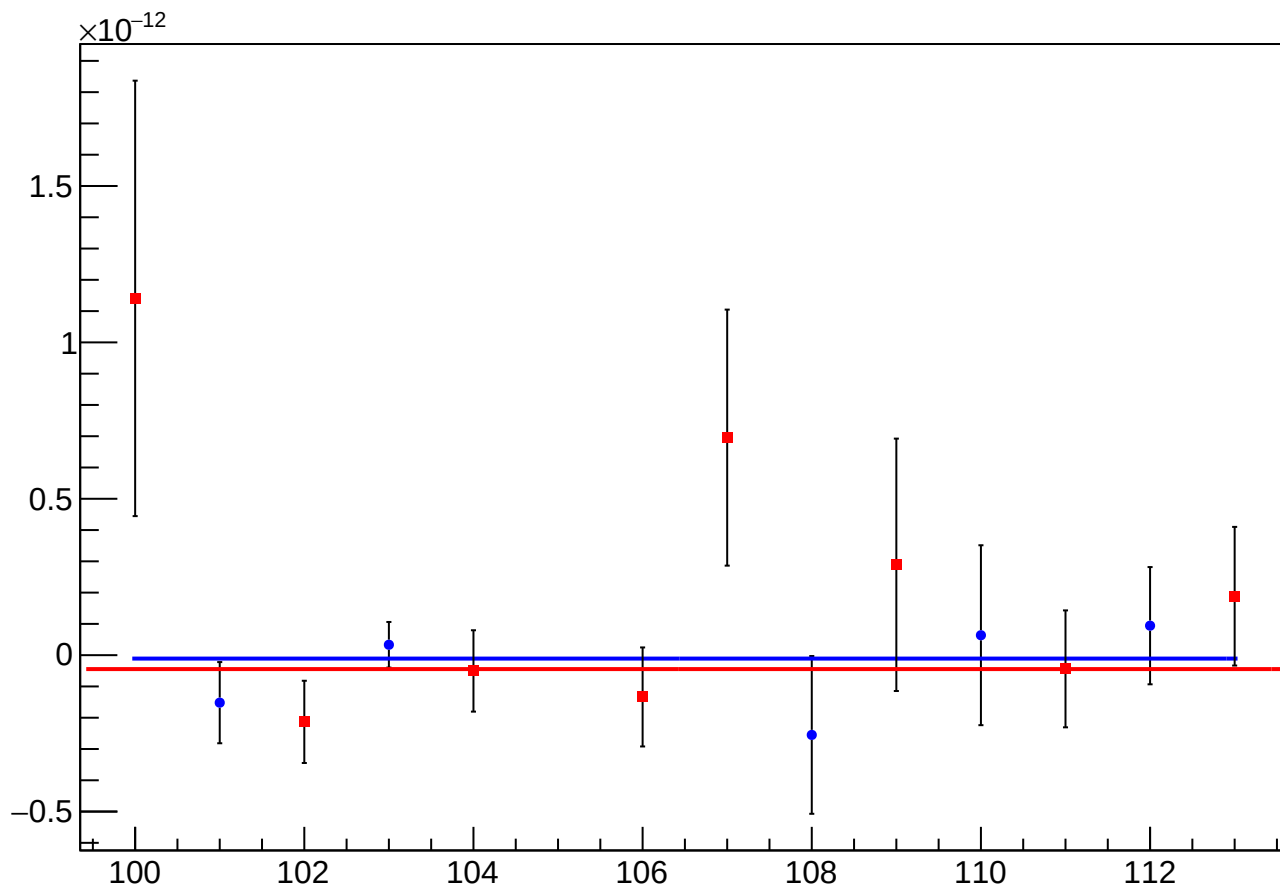
Right: 2373.766+/-0.736 χ^2/NDF : 772181.6/12

In: 2728.160+/-1.245 χ^2/NDF : 206183.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2373.766+/-0.736 χ^2/NDF : 772181.6/12

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 : 9.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

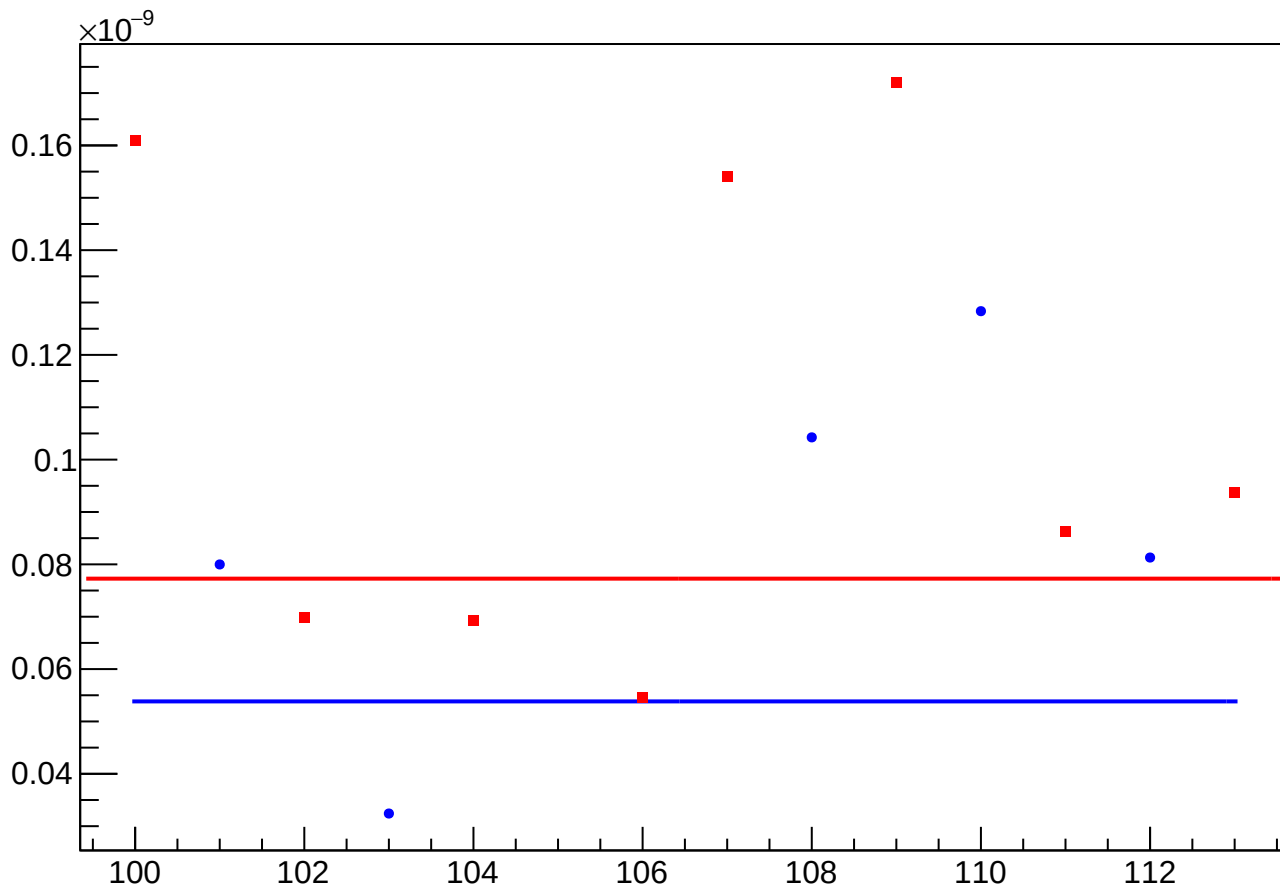
Right: -0.000+/-0.000 χ^2/NDF : 12.9/12

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 : 12.9/12

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 : 280234.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

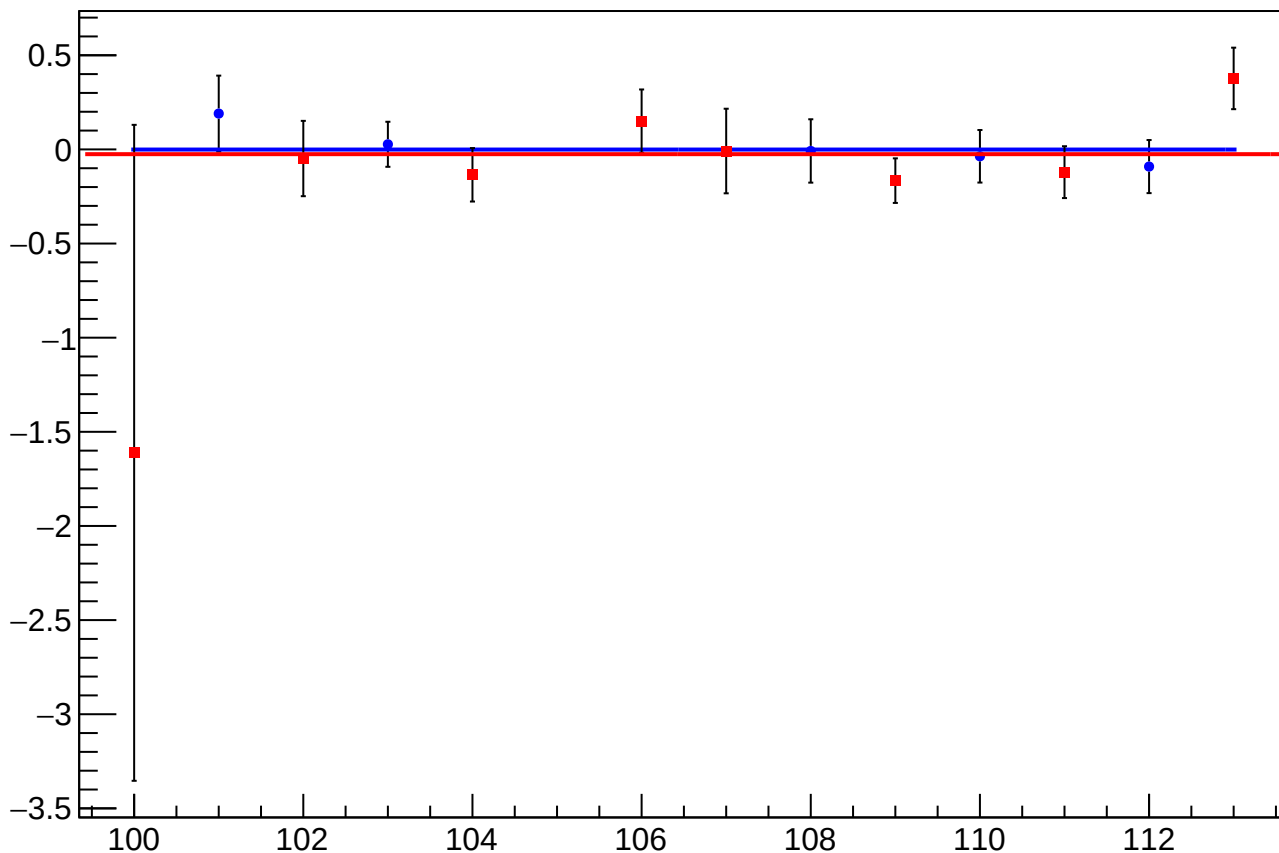
Right: 0.000+/-0.000 χ^2/NDF : 931510.4/12

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 : 931510.4/12

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: -0.025 $\pm$ 0.059 χ^2 /NDF: 10.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

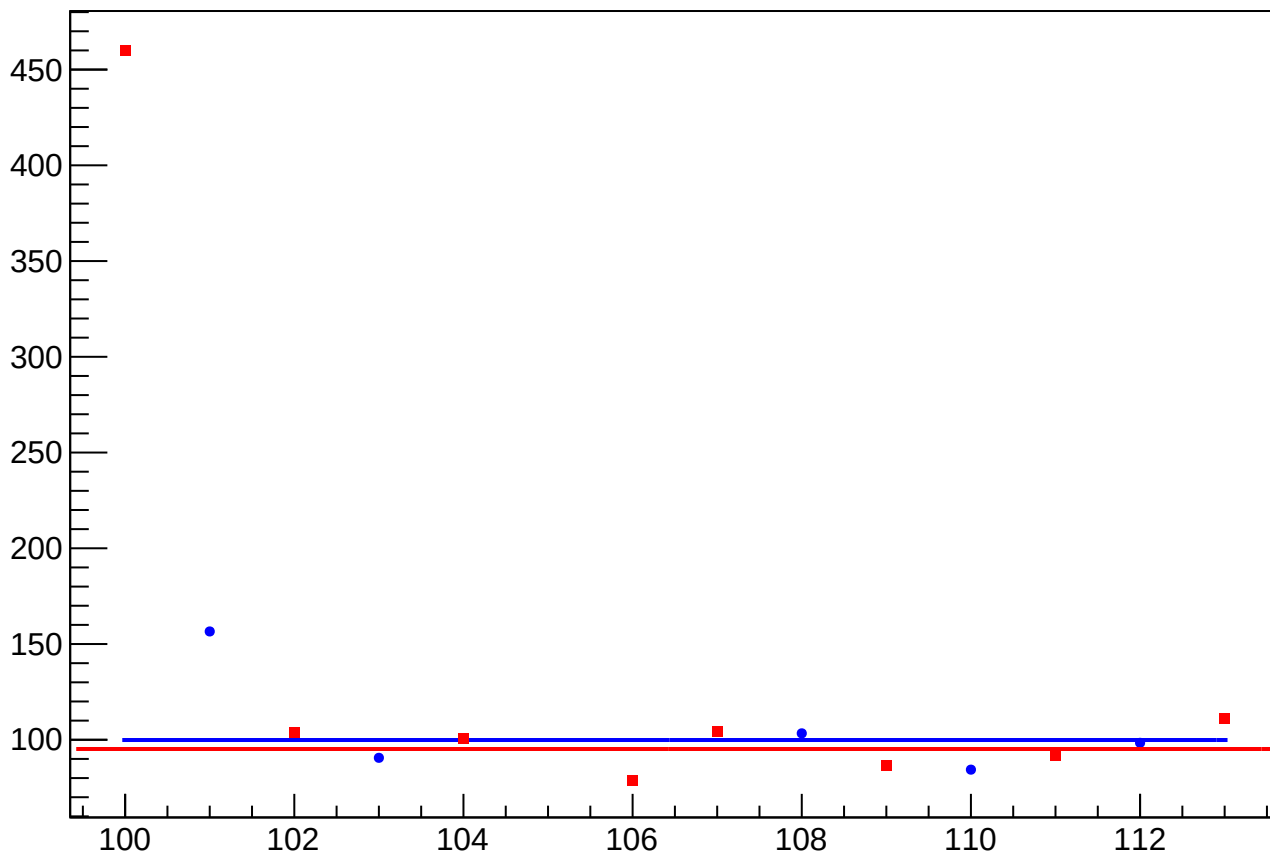
Right: -0.014 $\pm$ 0.044 χ^2 /NDF: 12.0/12

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: -0.014 $\pm$ 0.044 χ^2 /NDF: 12.0/12

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: 95.184 +/- 0.041 χ^2/NDF : 147731.5/7

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

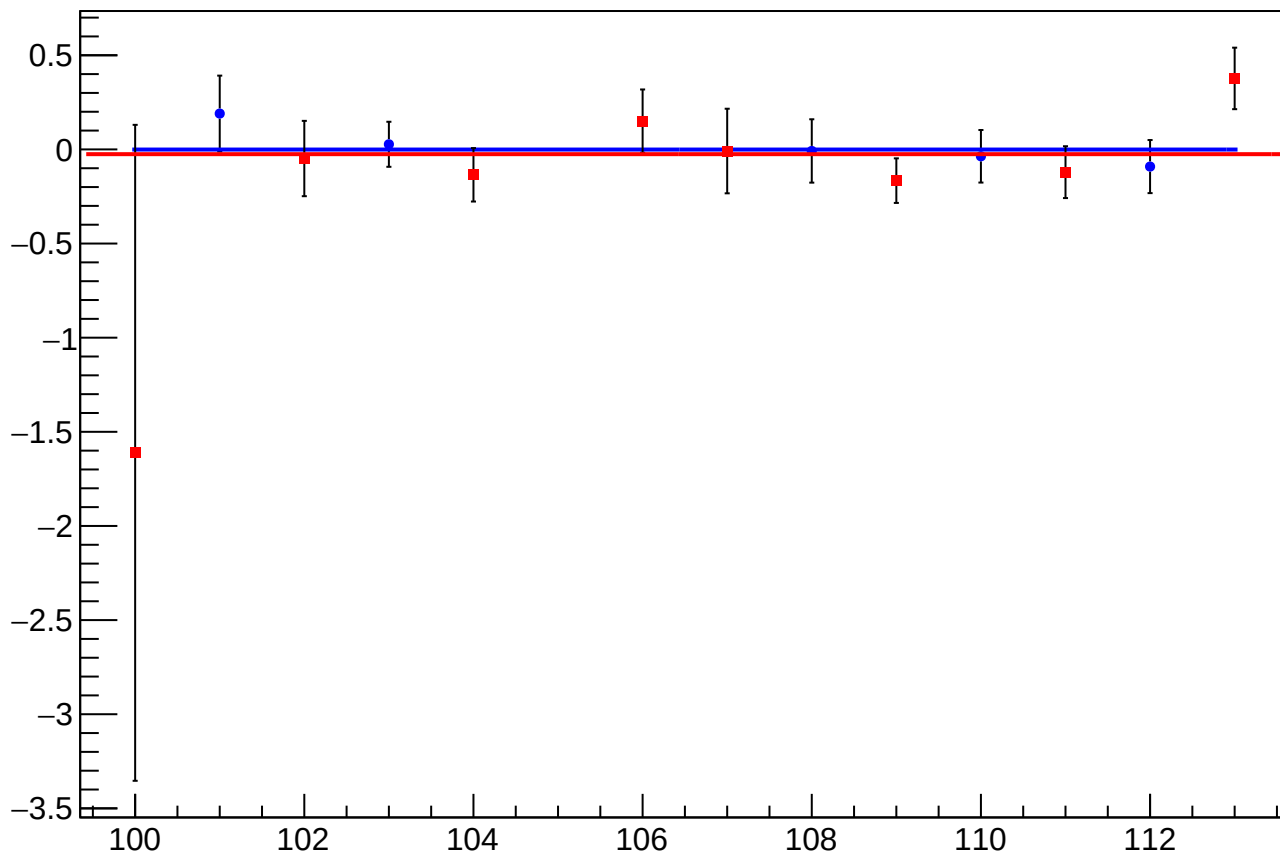
Right: 97.260 +/- 0.031 χ^2/NDF : 349416.8/12

In: 99.878 +/- 0.046 χ^2/NDF : 195997.5/4

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 97.260 +/- 0.031 χ^2/NDF : 349416.8/12

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 ± 0.066 $\chi^2/\text{NDF}: 1.4/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.025 ± 0.059 $\chi^2/\text{NDF}: 10.5/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

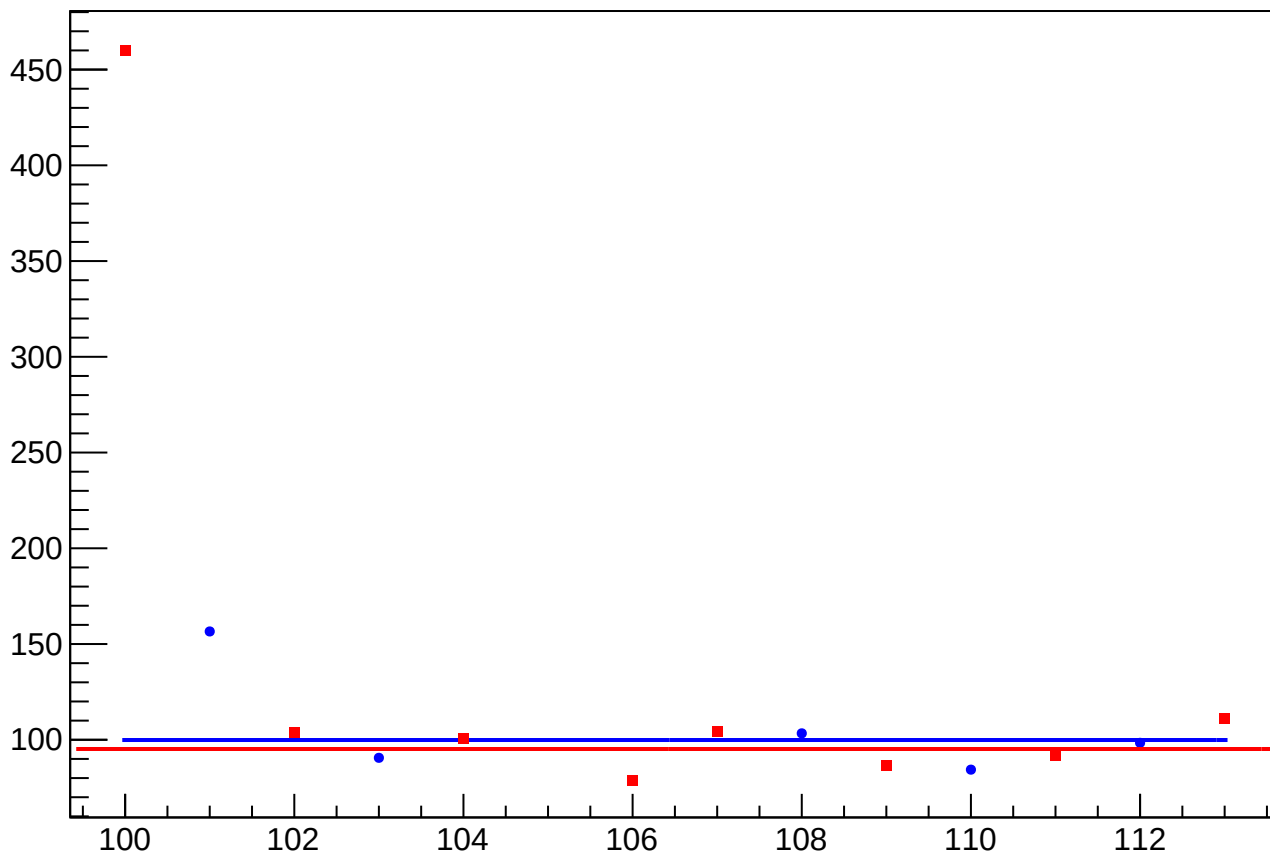
Right: -0.014 ± 0.044 $\chi^2/\text{NDF}: 12.0/12$

In: -0.001 ± 0.066 $\chi^2/\text{NDF}: 1.4/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.014 ± 0.044 $\chi^2/\text{NDF}: 12.0/12$

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: 95.184+/-0.041 χ^2/NDF : 147731.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

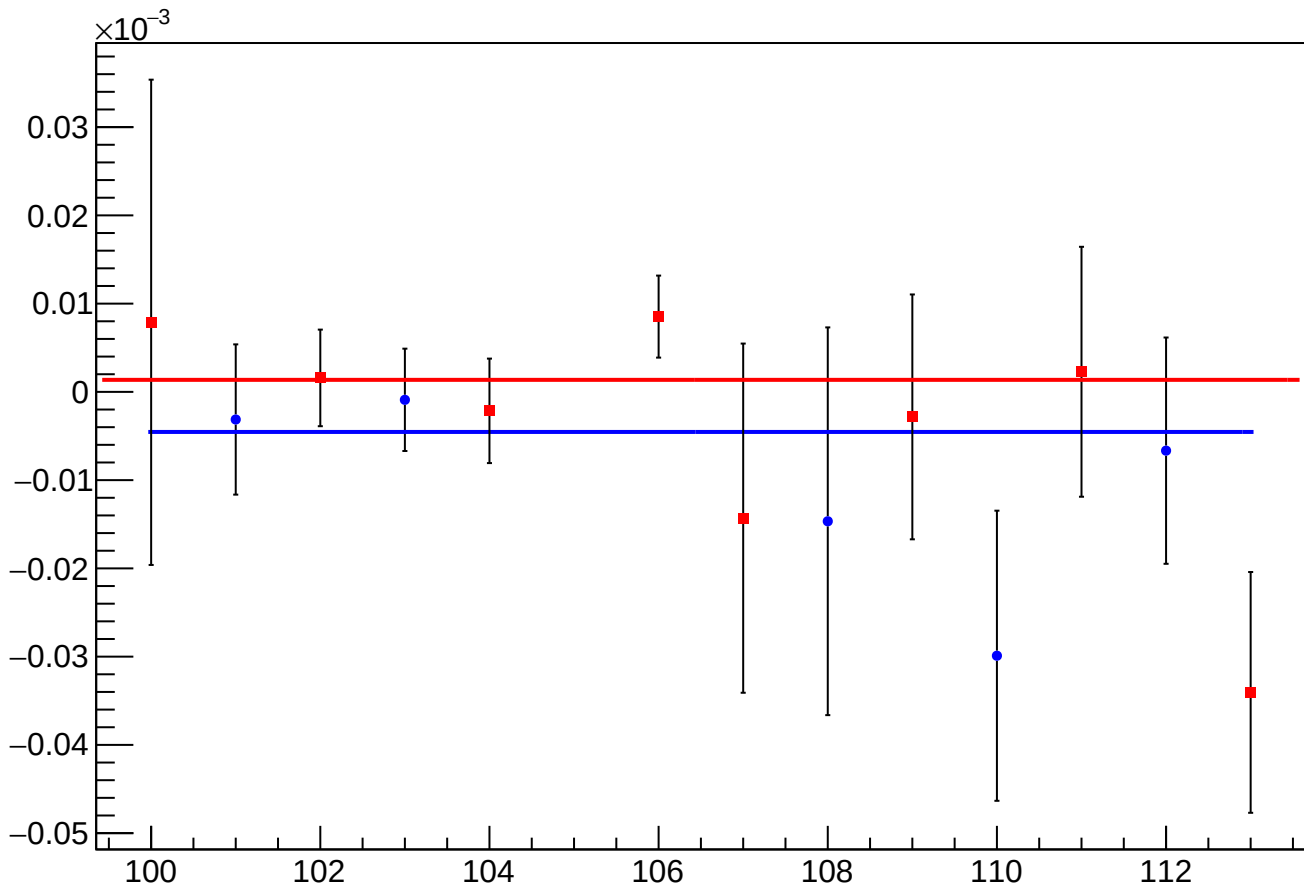
Right: 97.260+/-0.031 χ^2/NDF : 349416.8/12

In: 99.878+/-0.046 χ^2/NDF : 195997.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.260+/-0.031 χ^2/NDF : 349416.8/12

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 : 10.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

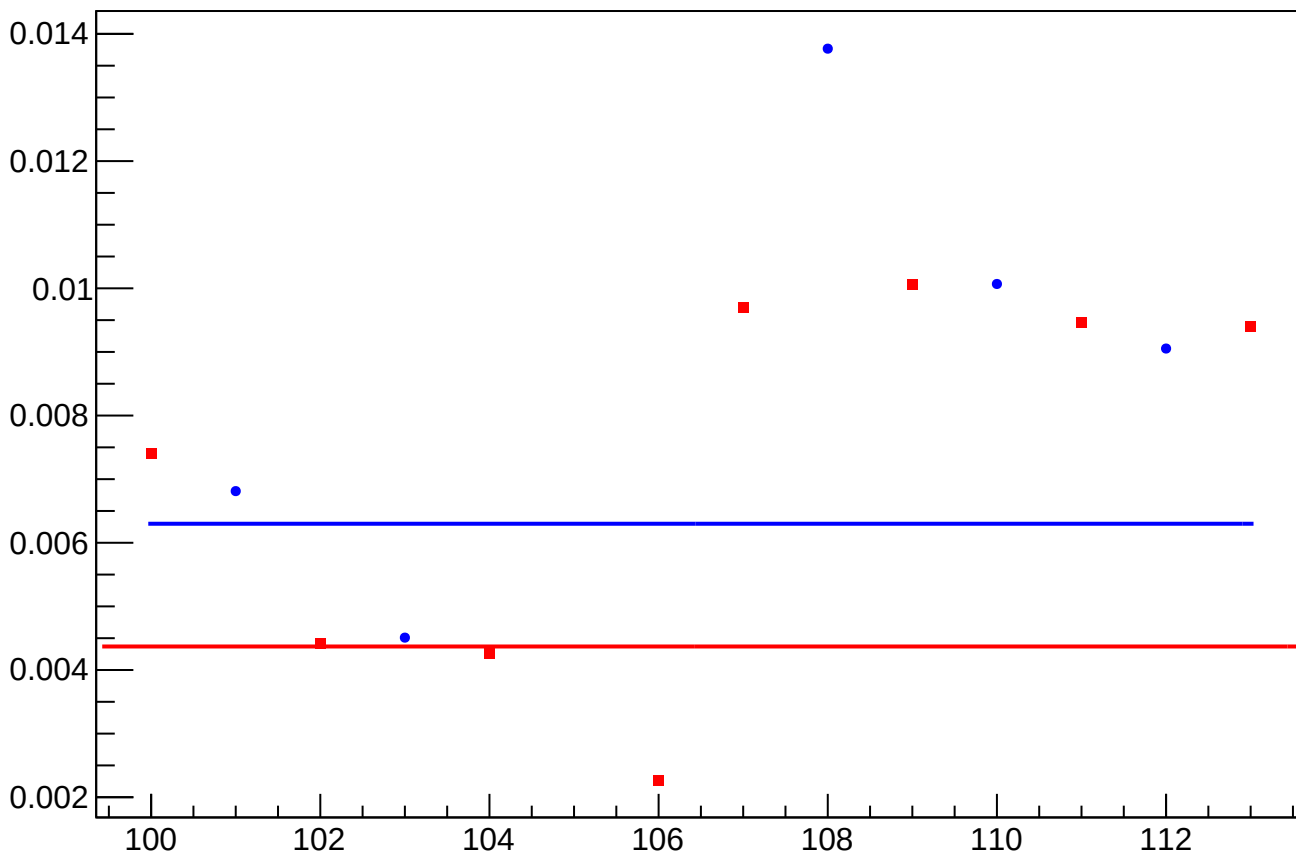
Right: -0.000+/-0.000 χ^2/NDF : 14.6/12

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 : 14.6/12

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 : 1448033.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

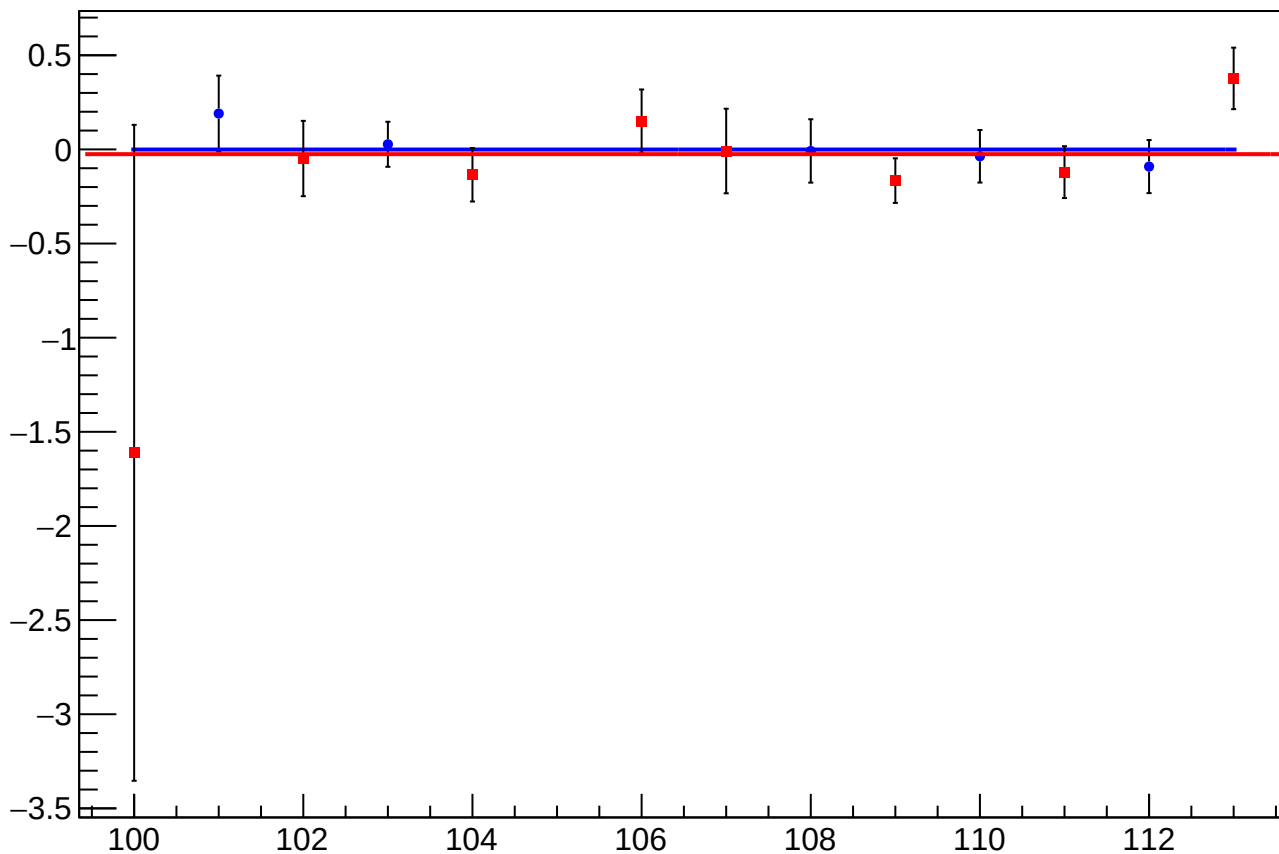
Right: 0.005+/-0.000 χ^2/NDF : 2362428.3/12

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 : 2362428.3/12

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: -0.025 $\pm$ 0.059 χ^2 /NDF: 10.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

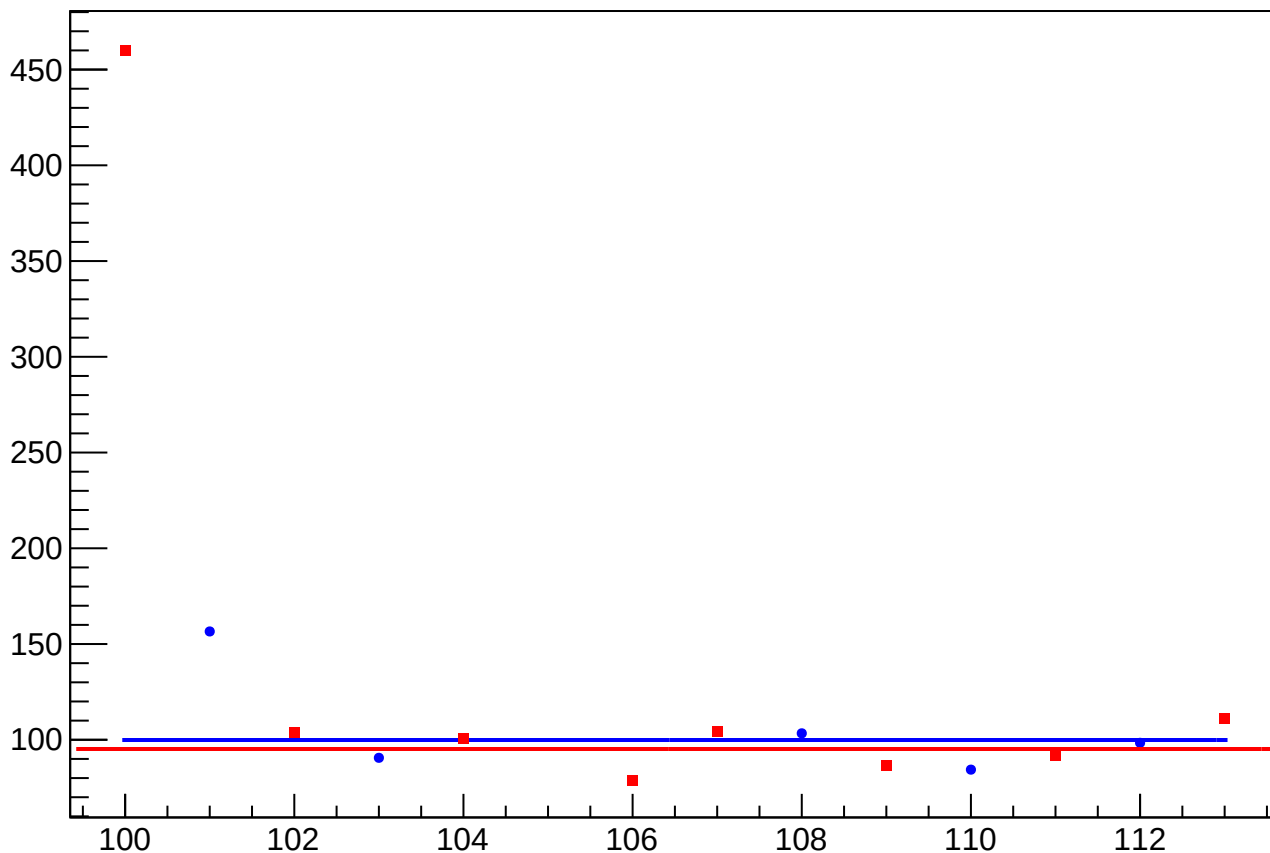
Right: -0.014 $\pm$ 0.044 χ^2 /NDF: 12.0/12

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: -0.014 $\pm$ 0.044 χ^2 /NDF: 12.0/12

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: 95.185+/-0.041 χ^2/NDF : 147712.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

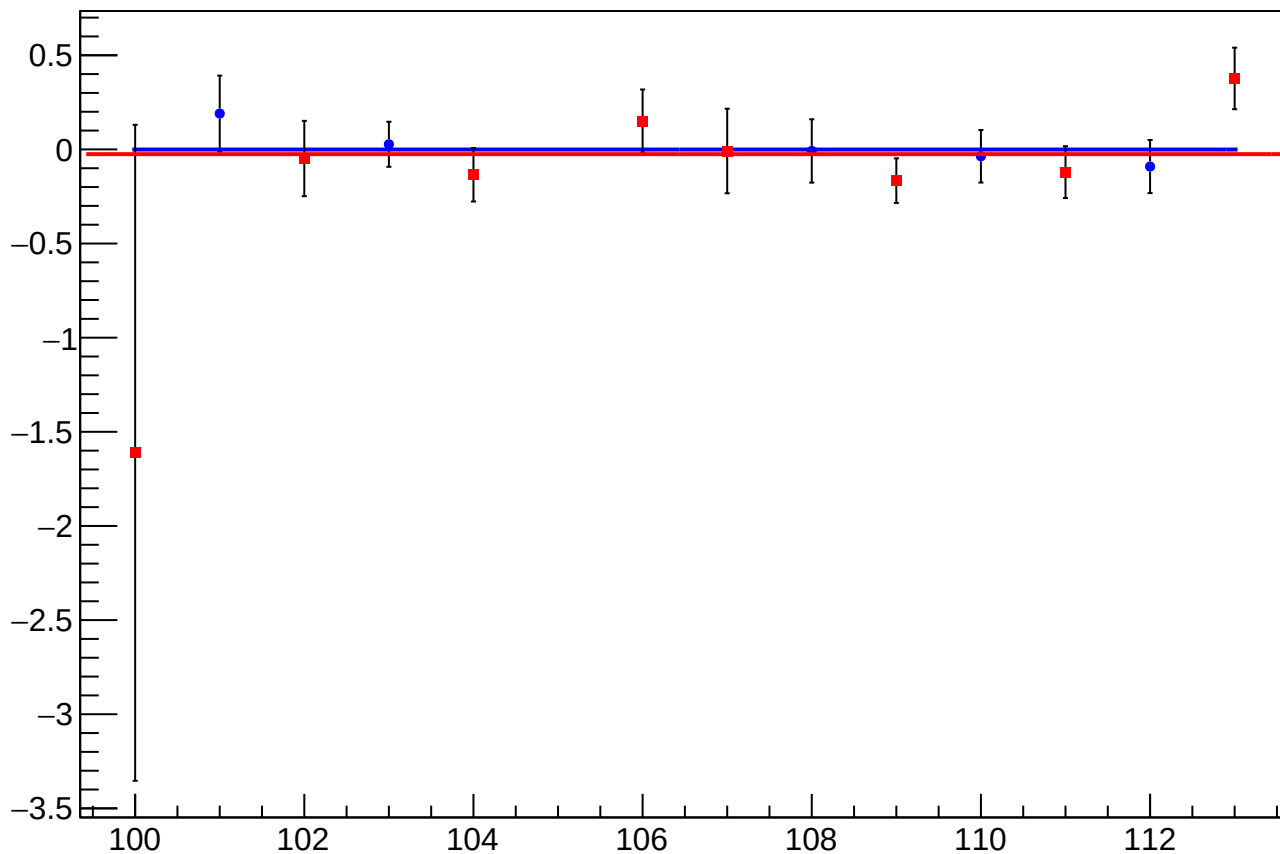
Right: 97.262+/-0.031 χ^2/NDF : 349375.6/12

In: 99.881+/-0.046 χ^2/NDF : 195970.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.262+/-0.031 χ^2/NDF : 349375.6/12

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: -0.025 $\pm$ 0.059 χ^2 /NDF: 10.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

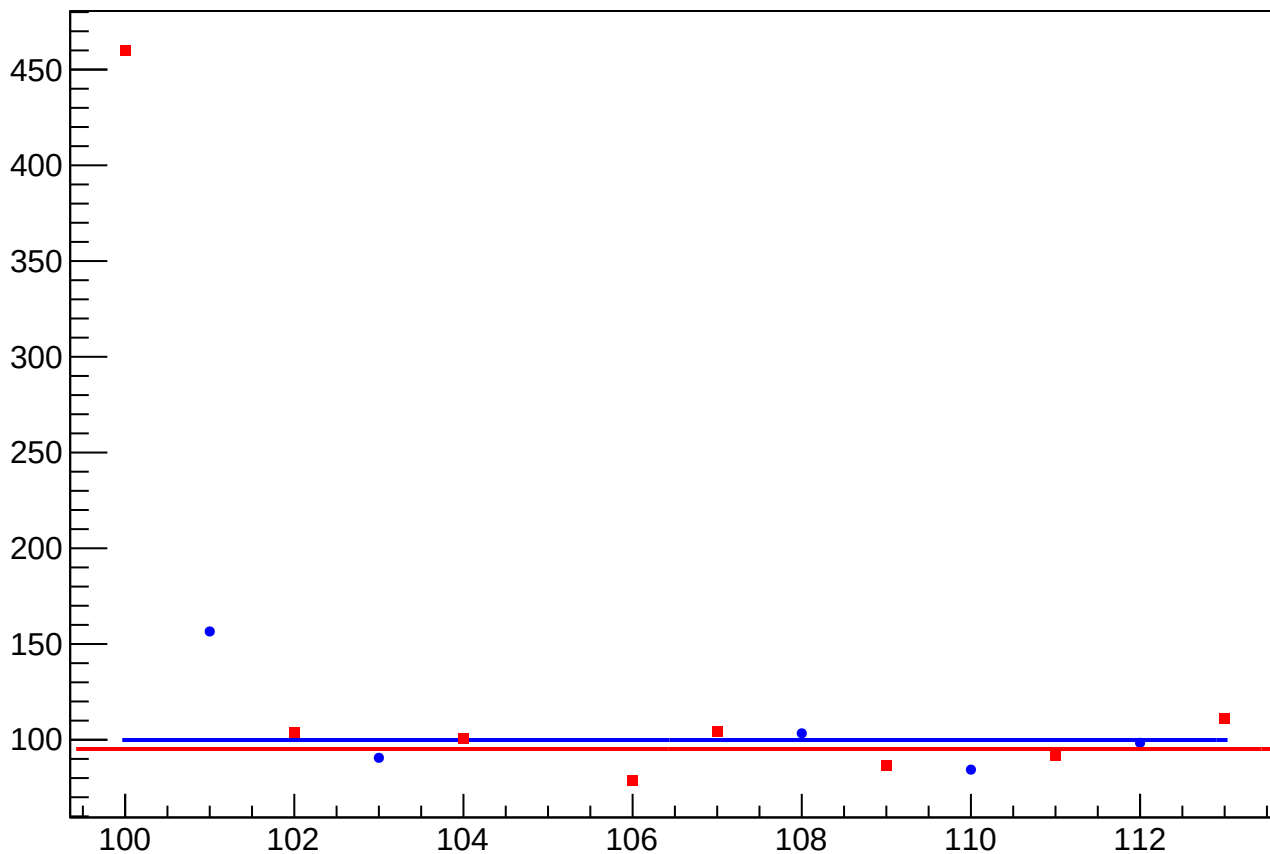
Right: -0.014 $\pm$ 0.044 χ^2 /NDF: 12.0/12

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: -0.014 $\pm$ 0.044 χ^2 /NDF: 12.0/12

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: 95.185+/-0.041 χ^2/NDF : 147712.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

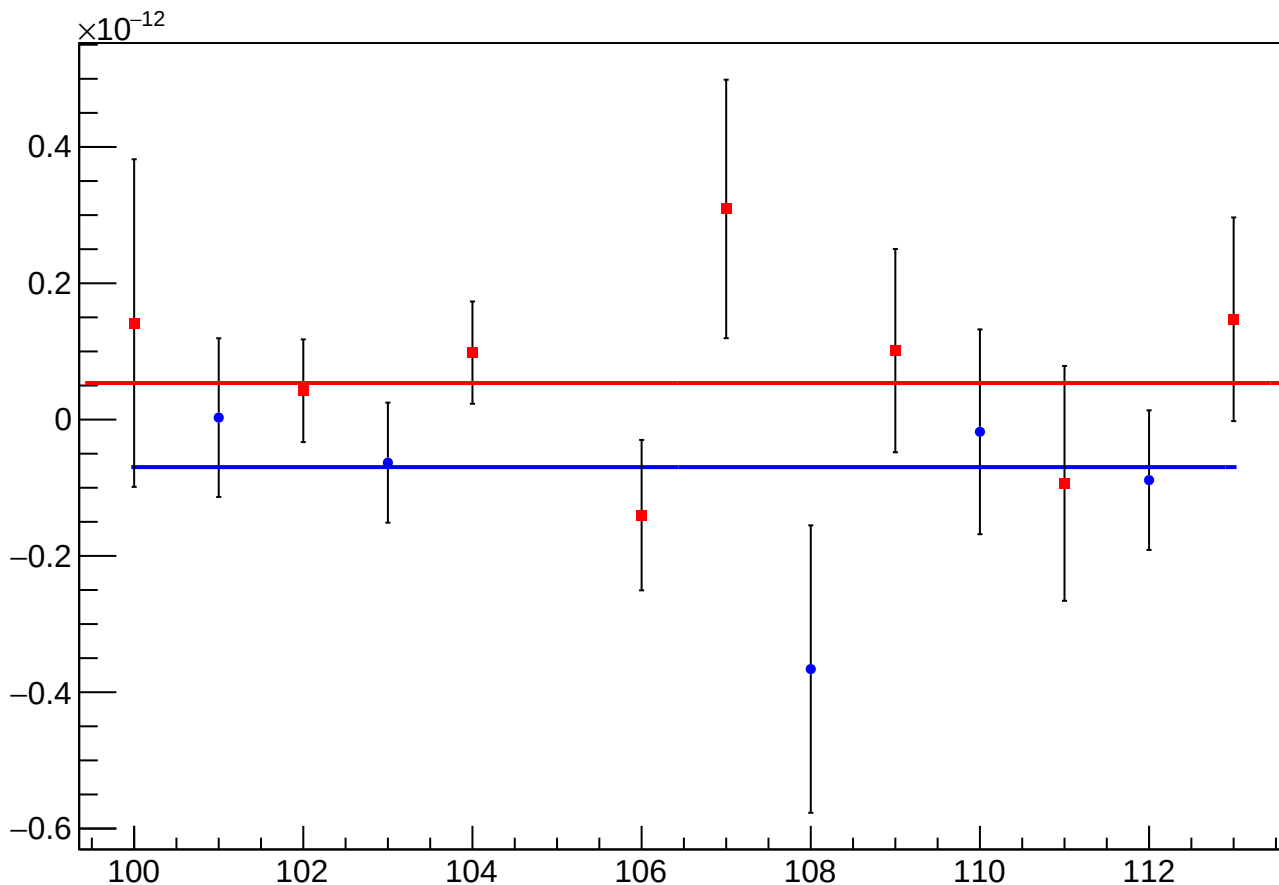
Right: 97.262+/-0.031 χ^2/NDF : 349375.6/12

In: 99.881+/-0.046 χ^2/NDF : 195970.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.262+/-0.031 χ^2/NDF : 349375.6/12

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 : 6.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

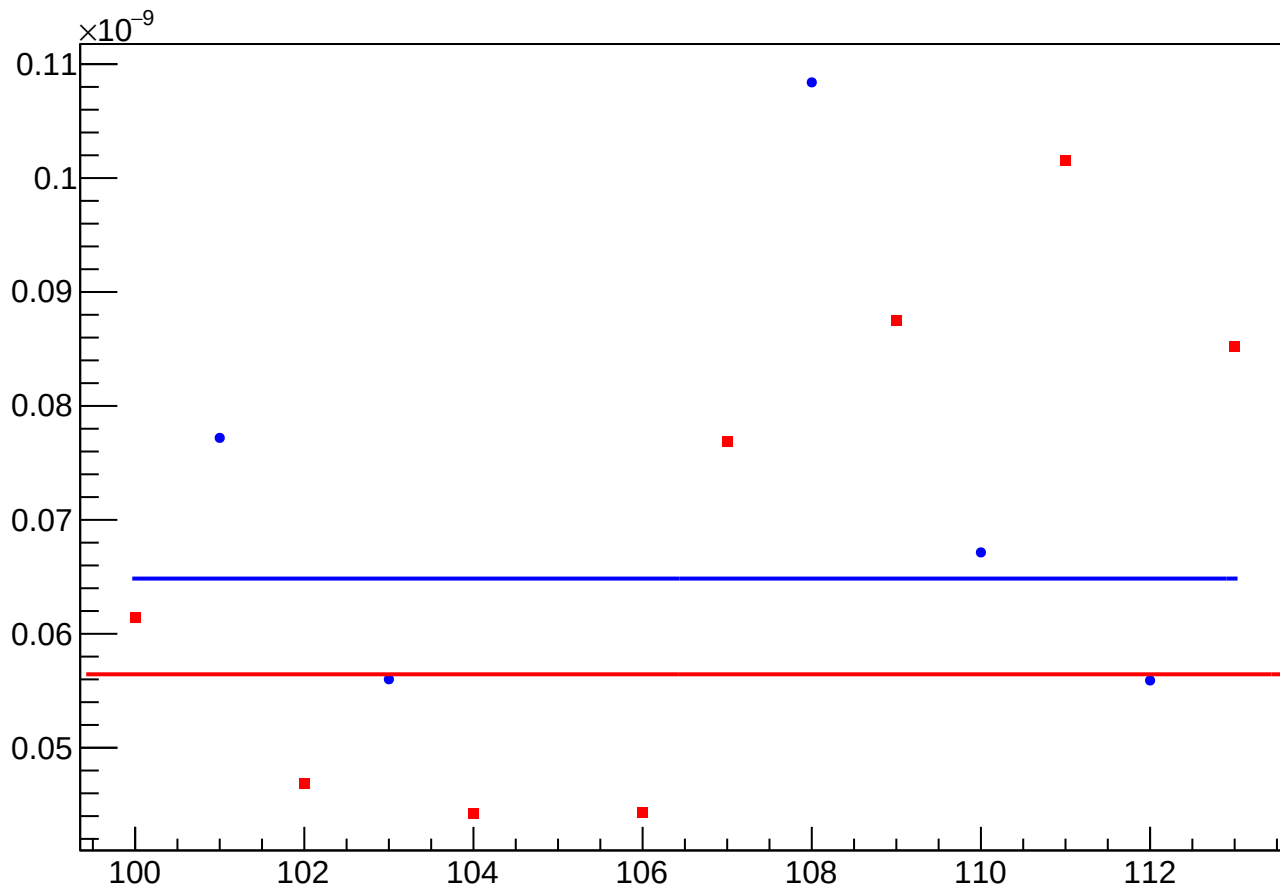
Right: 0.000+/-0.000 χ^2/NDF : 12.6/12

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 : 12.6/12

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 : 430984.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

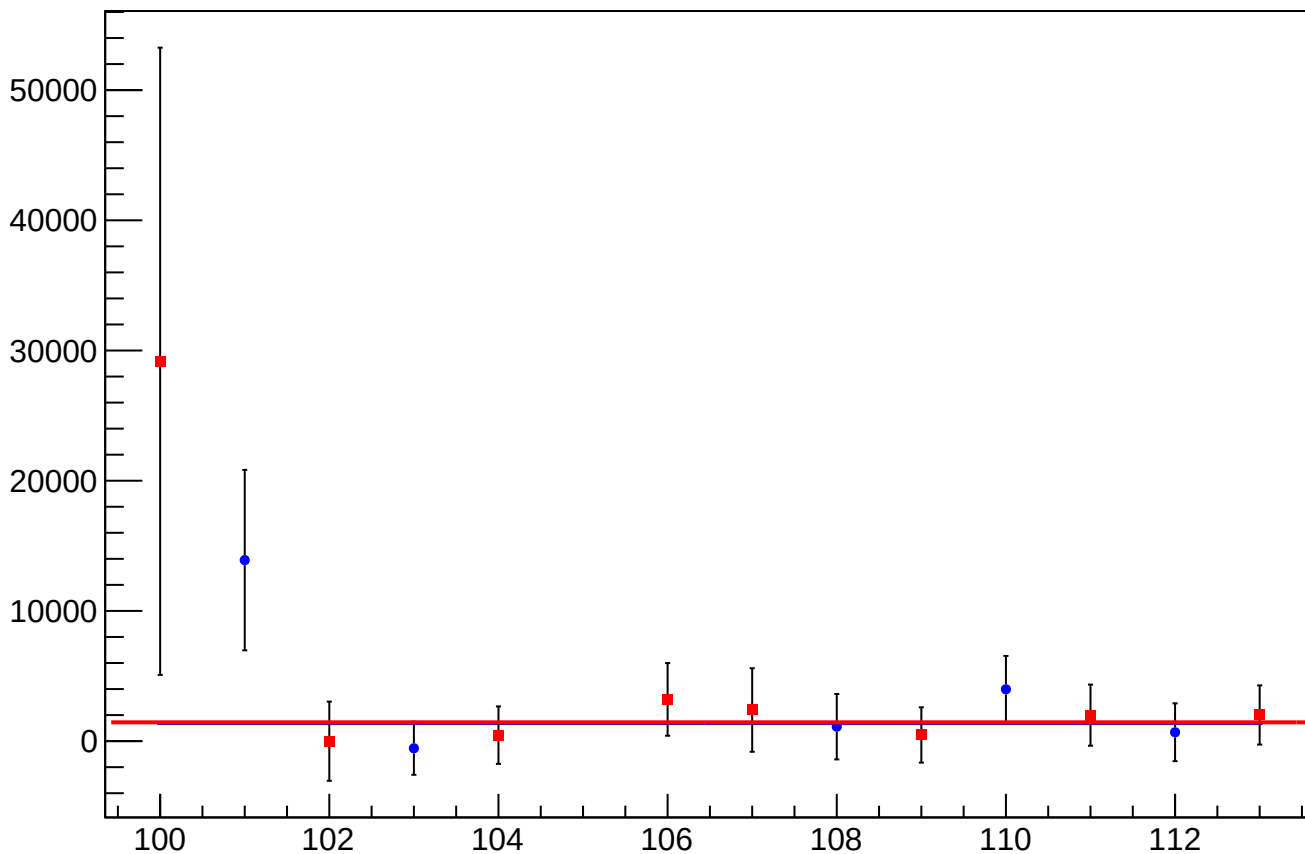
Right: 0.000+/-0.000 χ^2/NDF : 606780.8/12

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 : 606780.8/12

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: 1444.152+/-937.600 χ^2/NDF : 2.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

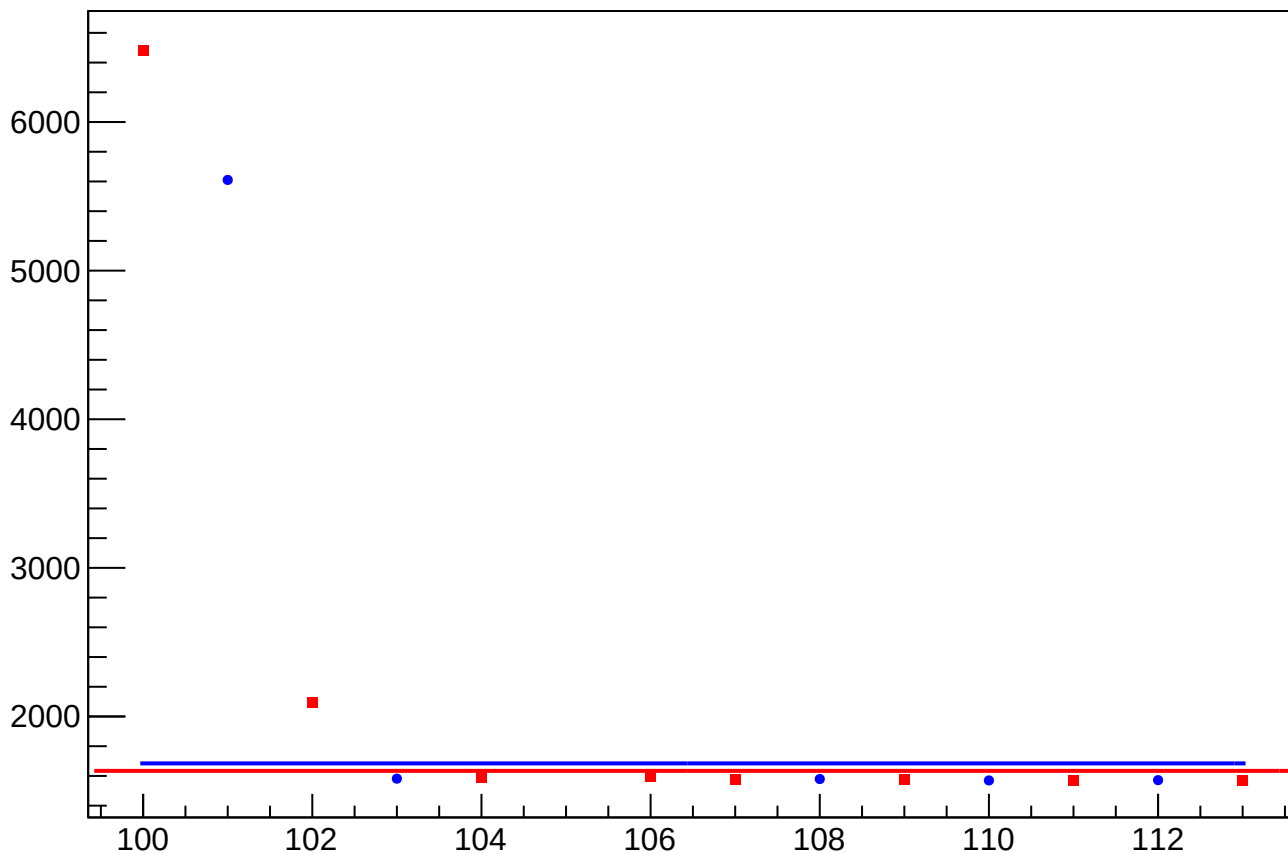
Right: 1423.876+/-723.100 χ^2/NDF : 7.9/12

In: 1394.115+/-1135.941 χ^2/NDF : 5.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1423.876+/-723.100 χ^2/NDF : 7.9/12

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: 1634.073+/-0.663 χ^2/NDF : 133811.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

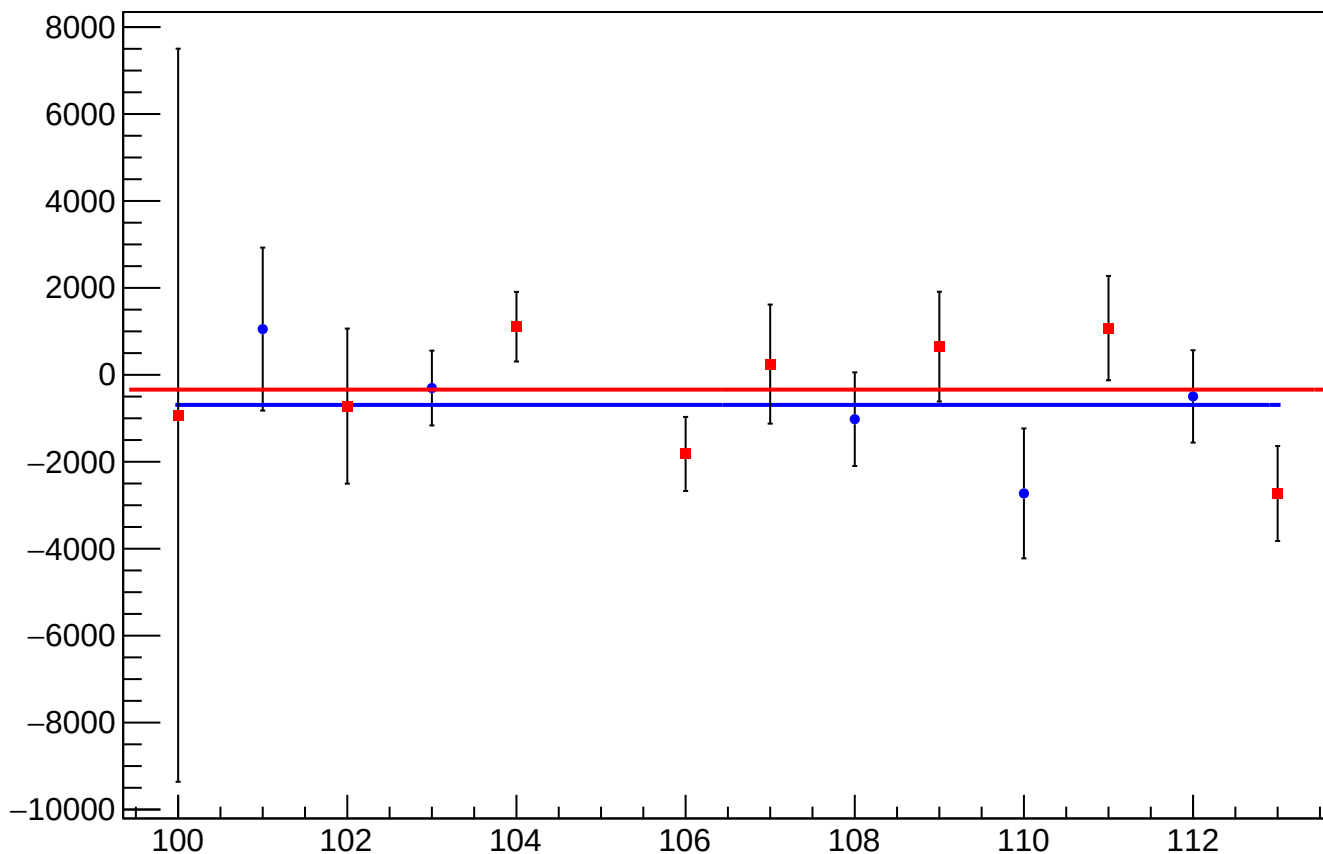
Right: 1654.480+/-0.511 χ^2/NDF : 795995.9/12

In: 1684.435+/-0.803 χ^2/NDF : 659846.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1654.480+/-0.511 χ^2/NDF : 795995.9/12

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: -339.943+/-409.732 χ^2/NDF : 13.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

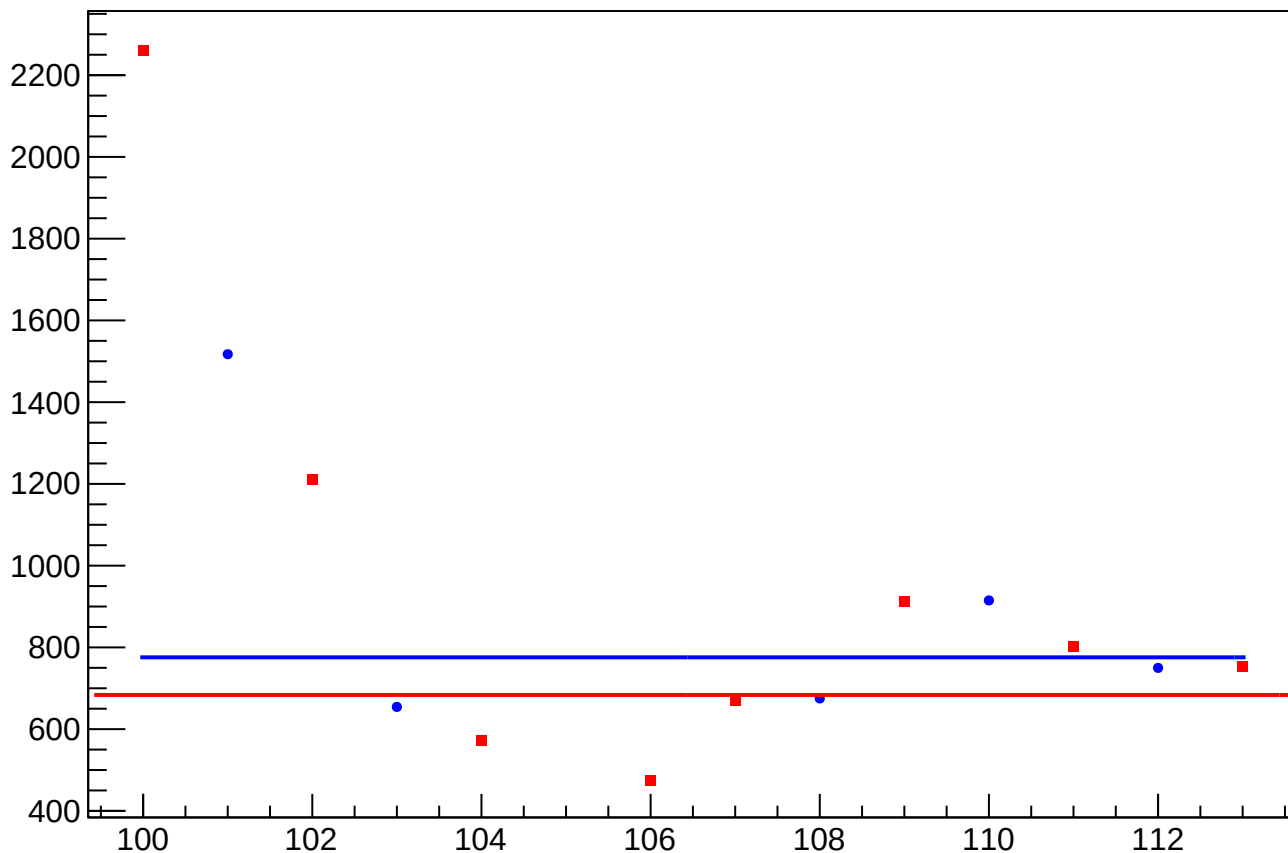
Right: -477.698+/-319.636 χ^2/NDF : 16.6/12

In: -691.872+/-510.893 χ^2/NDF : 3.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -477.698+/-319.636 χ^2/NDF : 16.6/12

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: 683.678+/-0.290 χ^2/NDF : 496876.2/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

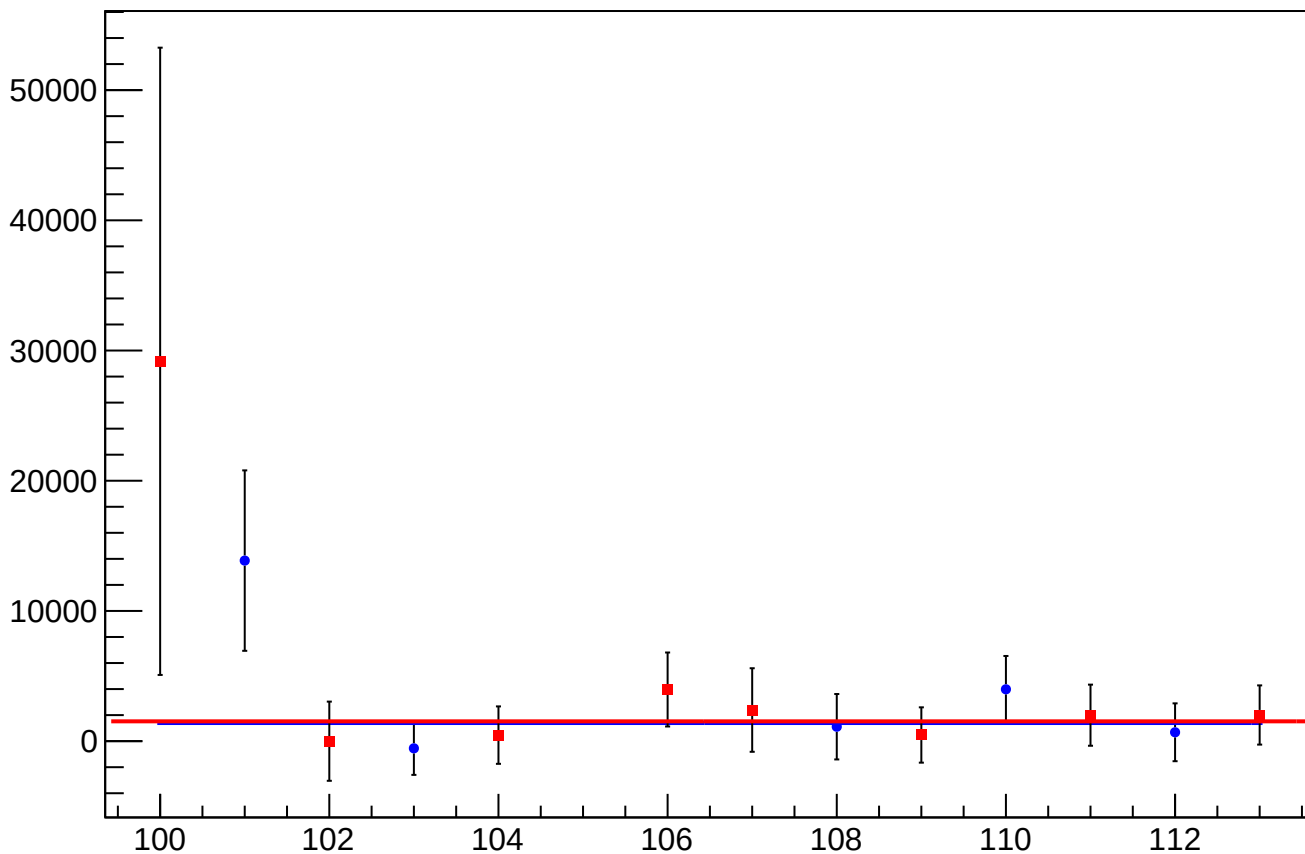
Right: 719.700+/-0.226 χ^2/NDF : 925169.3/12

In: 775.707+/-0.361 χ^2/NDF :388799.0/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 719.700+/-0.226 χ^2/NDF : 925169.3/12

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: 1521.722+/-939.427 χ^2/NDF : 2.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

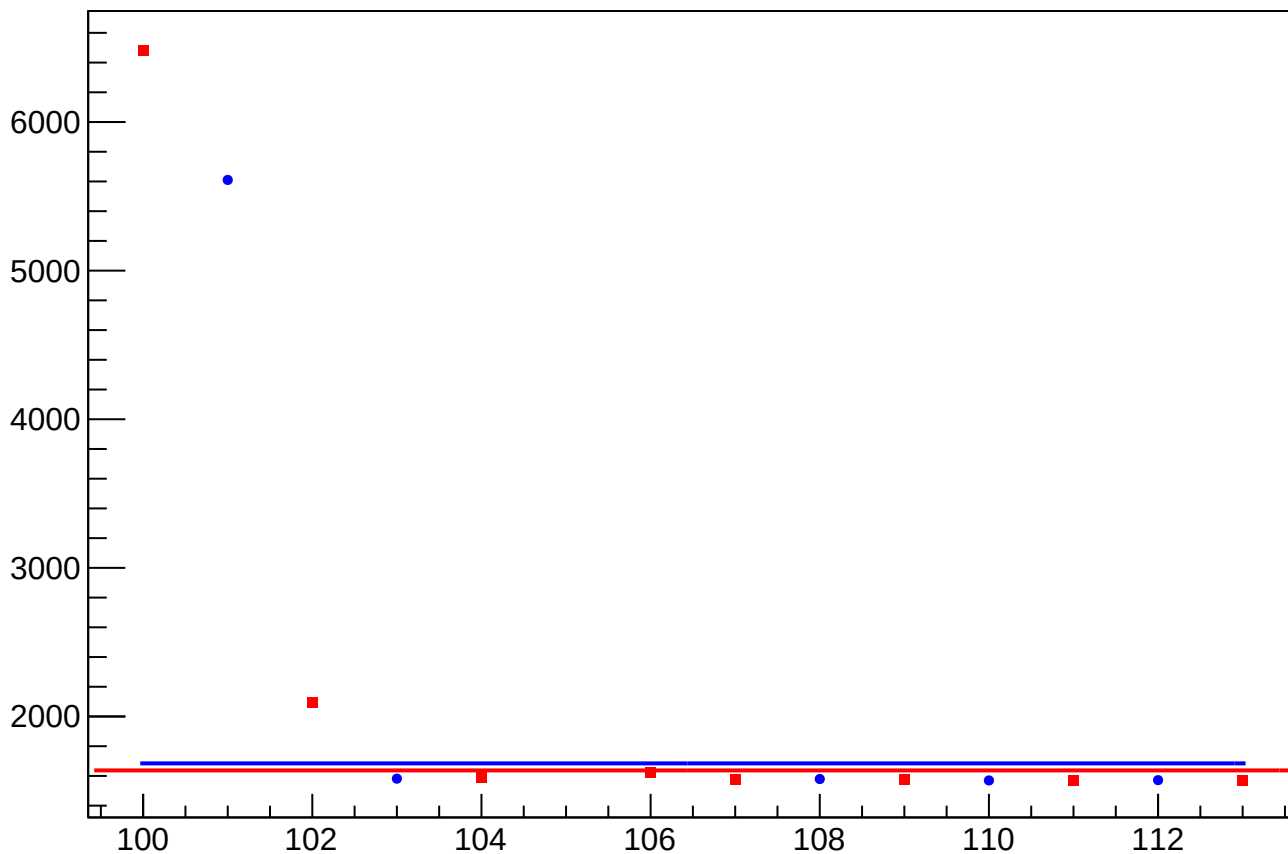
Right: 1469.206+/-723.937 χ^2/NDF : 8.2/12

In: 1392.422+/-1135.942 χ^2/NDF : 5.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1469.206+/-723.937 χ^2/NDF : 8.2/12

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: 1637.129+/-0.664 χ^2/NDF : 133415.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

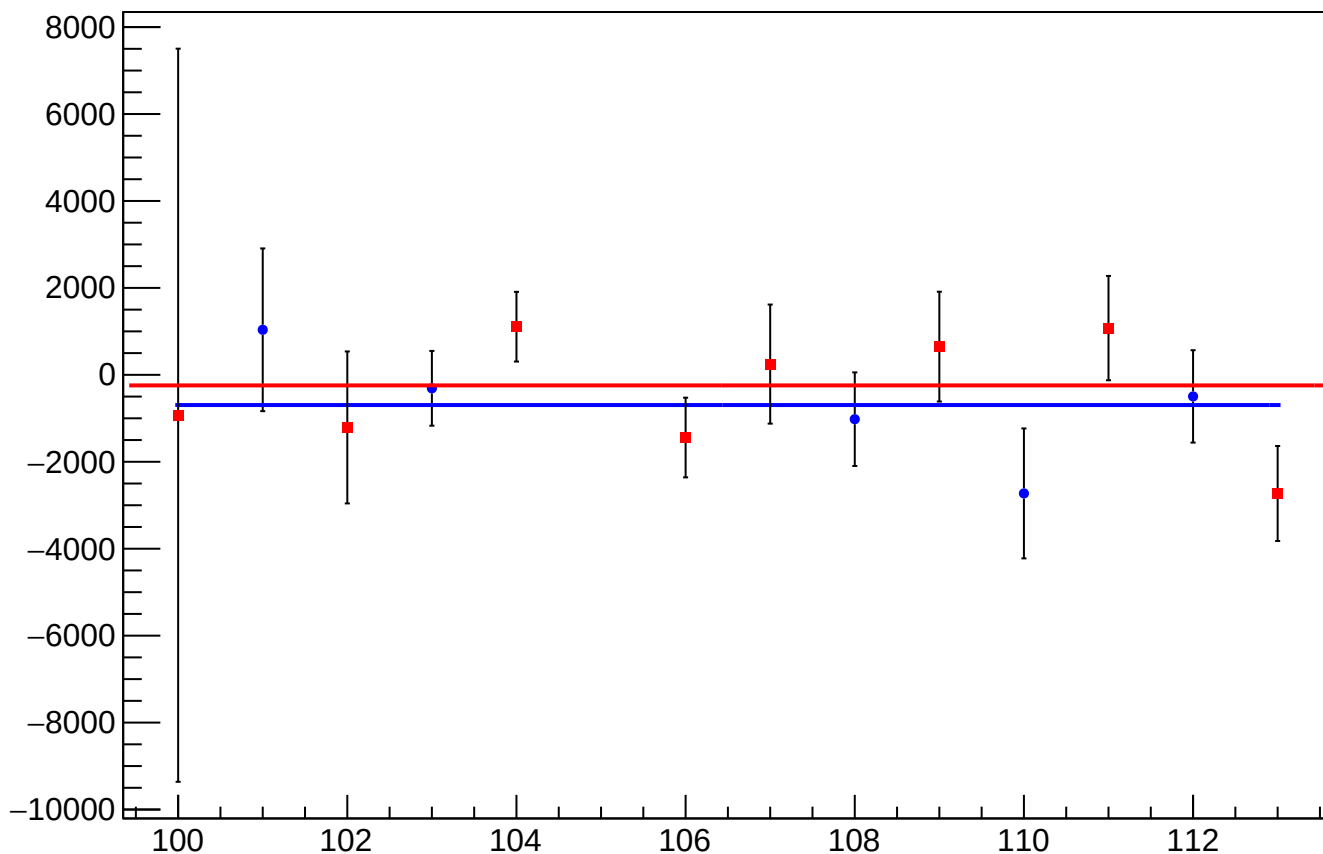
Right: 1656.342+/-0.512 χ^2/NDF : 795320.7/12

In: 1684.435+/-0.803 χ^2/NDF : 659845.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1656.342+/-0.512 χ^2/NDF : 795320.7/12

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: -243.142+/-416.012 χ^2/NDF : 11.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

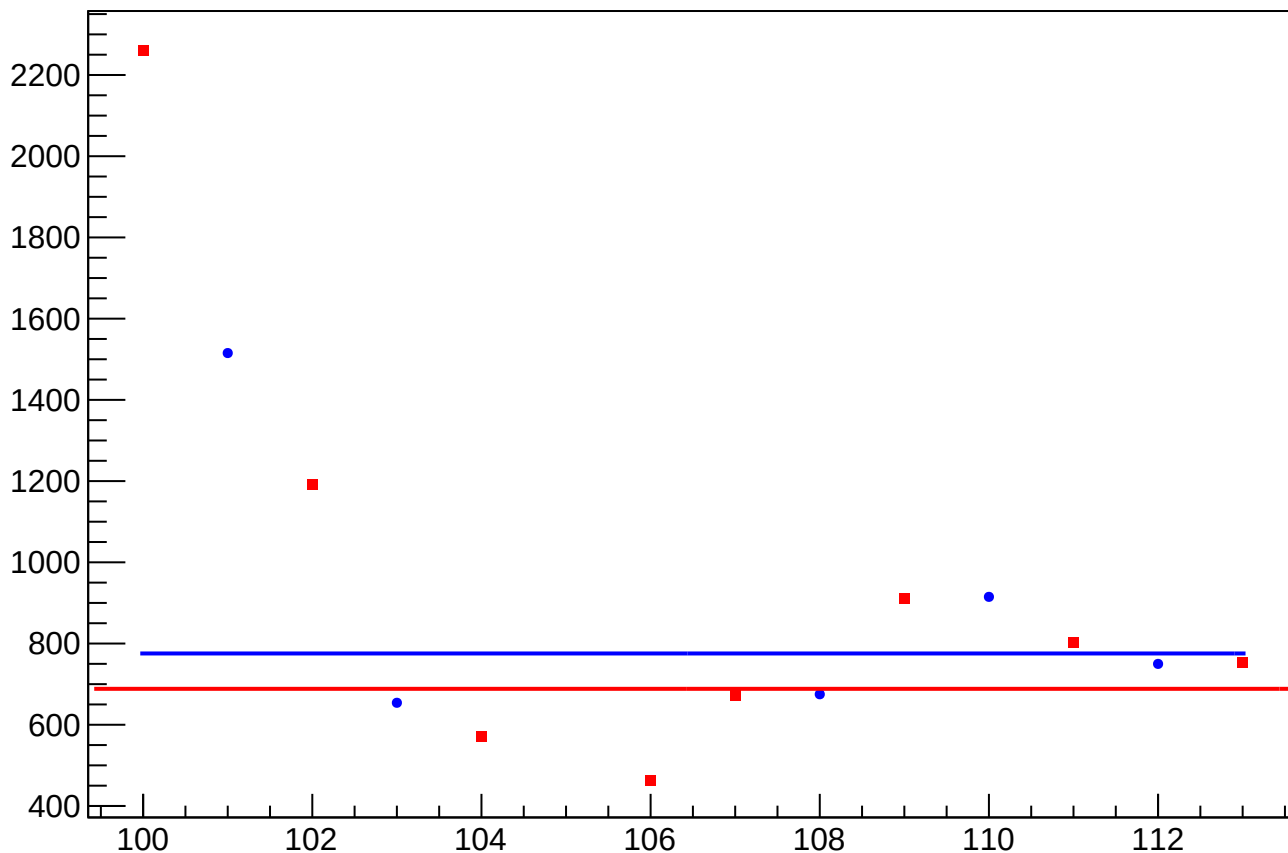
Right: -423.285+/-322.552 χ^2/NDF : 15.4/12

In: -694.805+/-510.739 χ^2/NDF : 3.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -423.285+/-322.552 χ^2/NDF : 15.4/12

asym_usr_atr1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 775.547+/-0.361 χ^2/NDF : 388214.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 688.486+/-0.294 χ^2/NDF : 485751.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

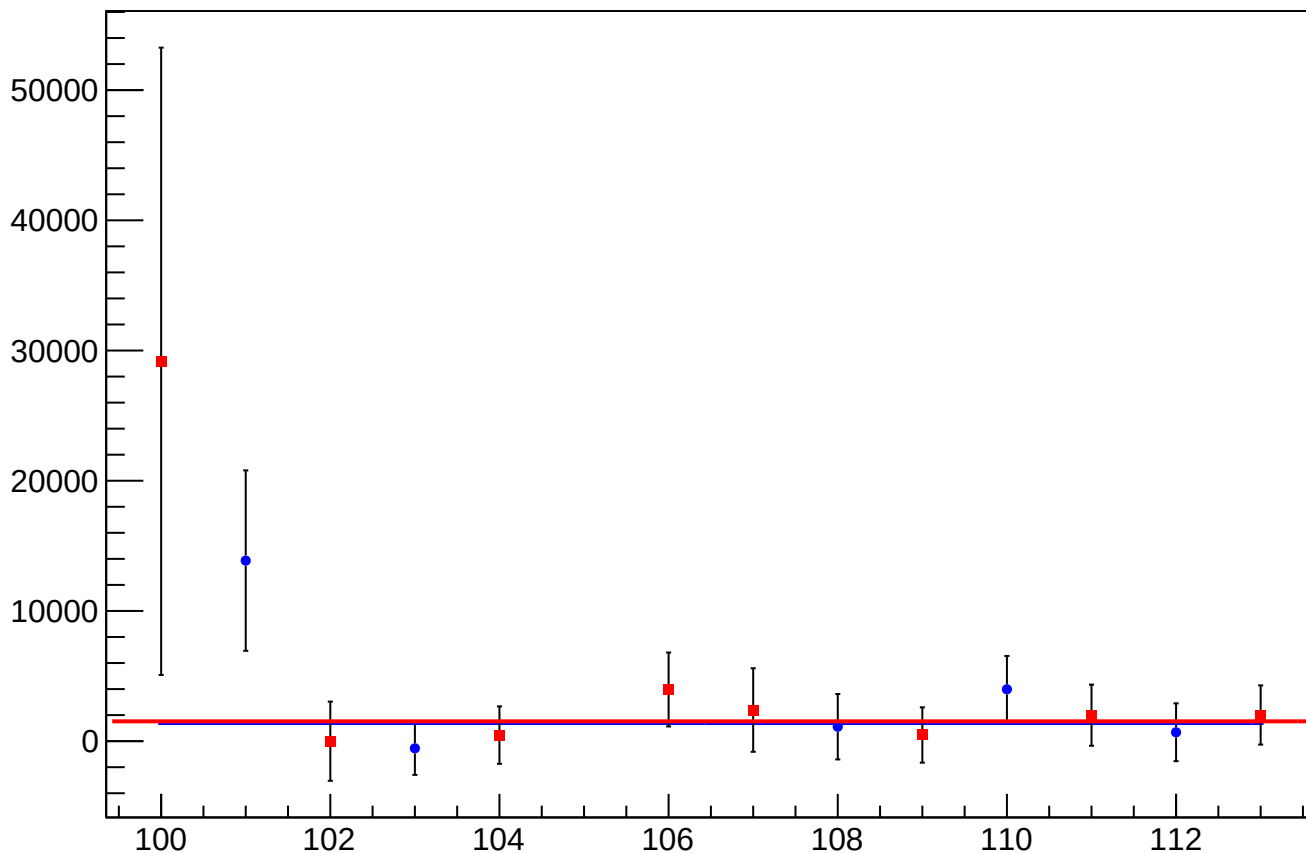
Right: 723.209+/-0.228 χ^2/NDF : 908900.6/12

In: 775.547+/-0.361 χ^2/NDF : 388214.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 723.209+/-0.228 χ^2/NDF : 908900.6/12

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: 1521.722+/-939.427 χ^2/NDF : 2.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

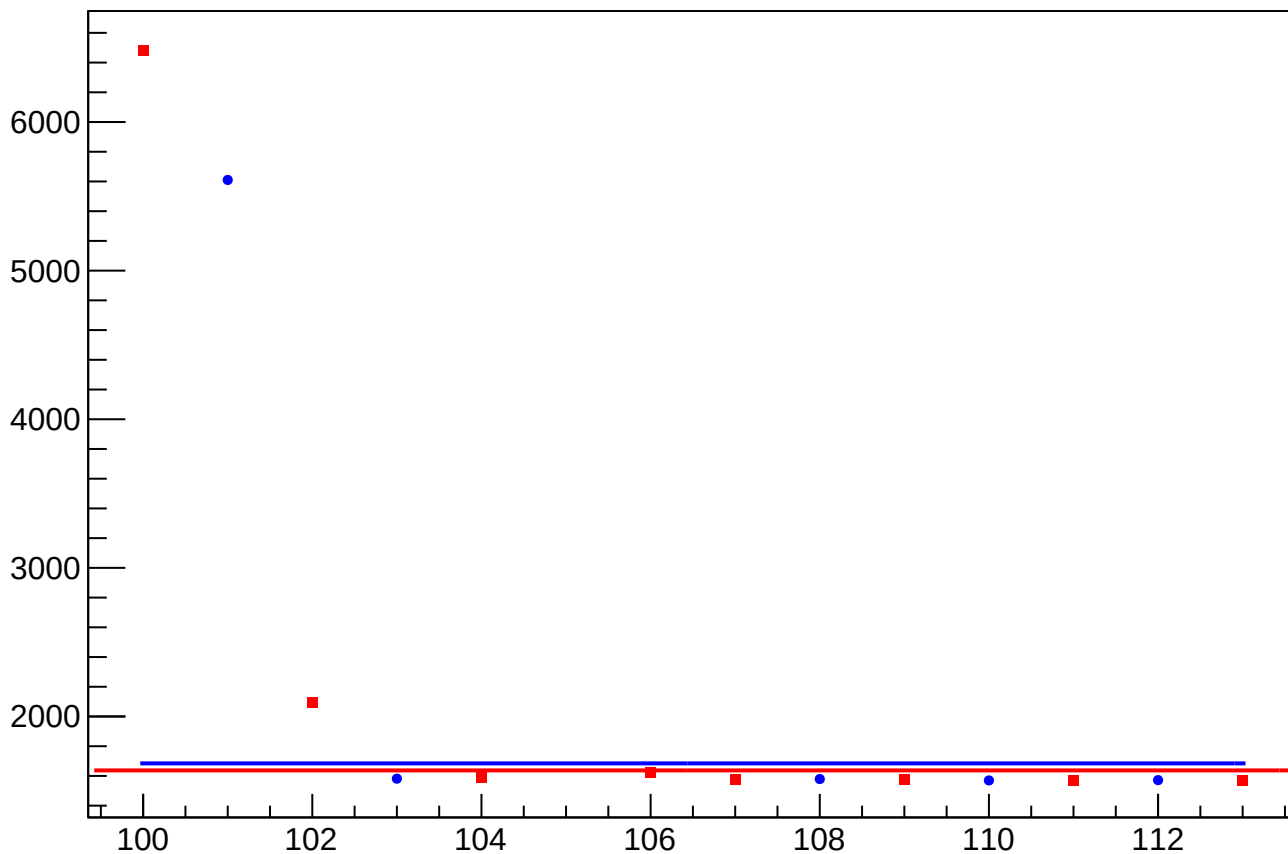
Right: 1469.206+/-723.937 χ^2/NDF : 8.2/12

In: 1392.422+/-1135.942 χ^2/NDF : 5.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1469.206+/-723.937 χ^2/NDF : 8.2/12

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: 1637.129+/-0.664 χ^2/NDF : 133415.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

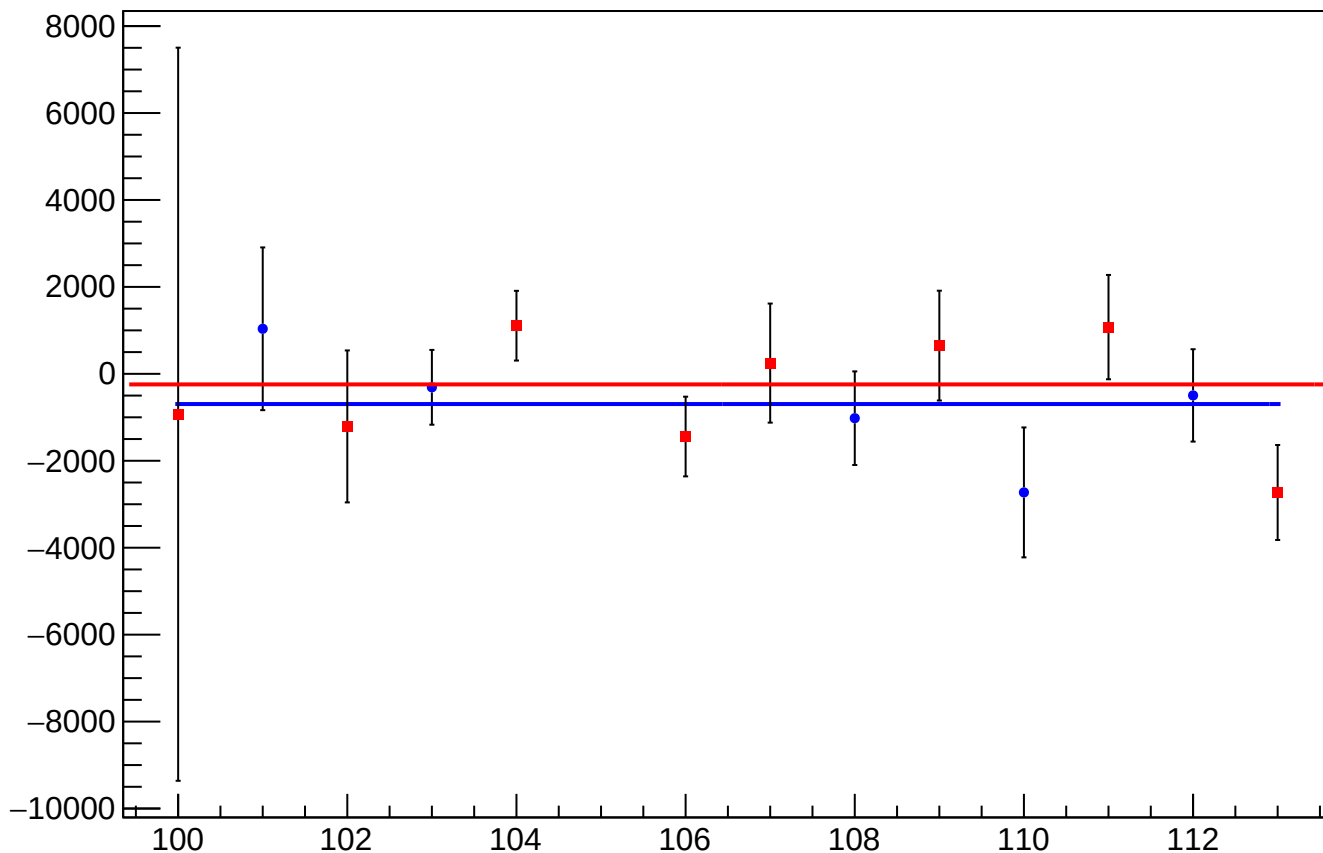
Right: 1656.342+/-0.512 χ^2/NDF : 795320.7/12

In: 1684.435+/-0.803 χ^2/NDF : 659845.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1656.342+/-0.512 χ^2/NDF : 795320.7/12

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: -243.142+/-416.012 χ^2/NDF : 11.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

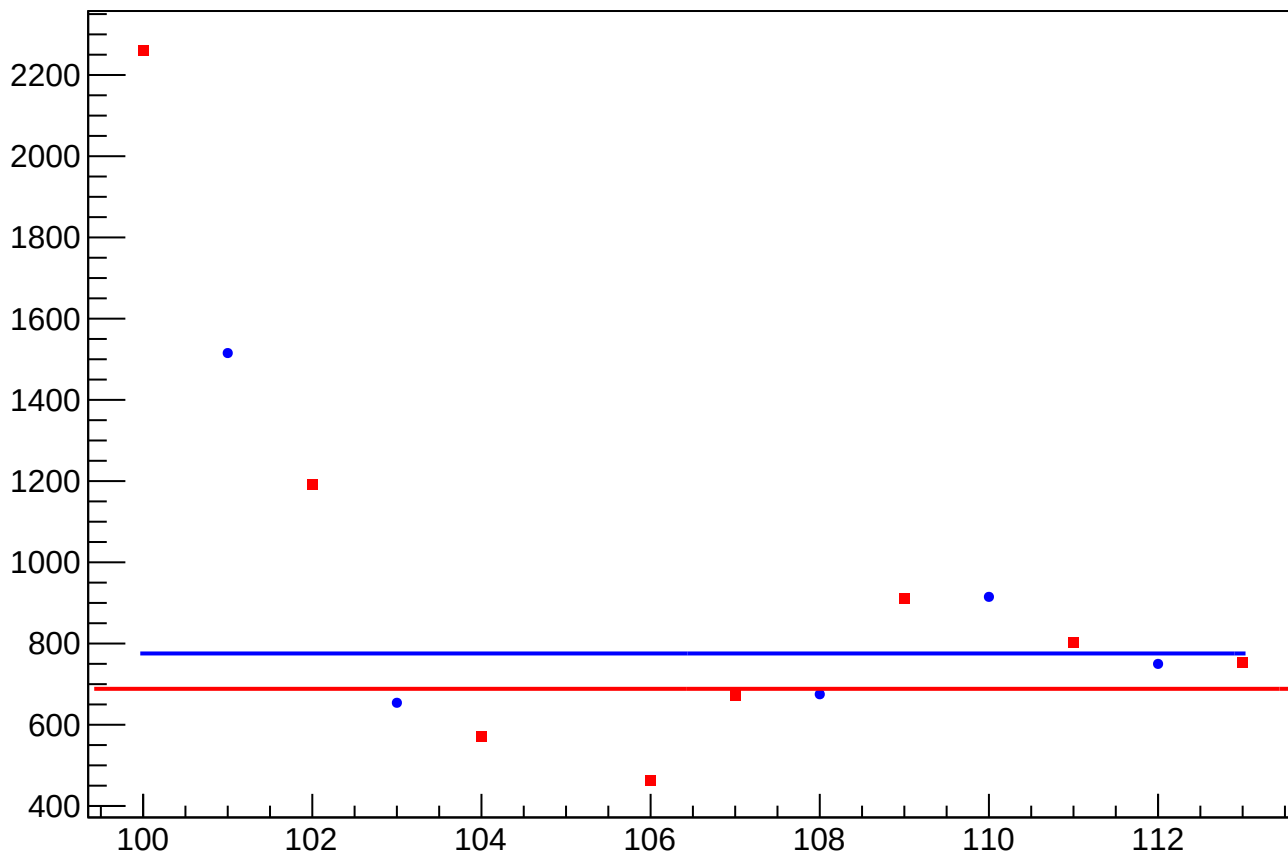
Right: -423.285+/-322.552 χ^2/NDF : 15.4/12

In: -694.805+/-510.739 χ^2/NDF : 3.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -423.285+/-322.552 χ^2/NDF : 15.4/12

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: 688.486 $\pm$ 0.294 χ^2 /NDF: 485751.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

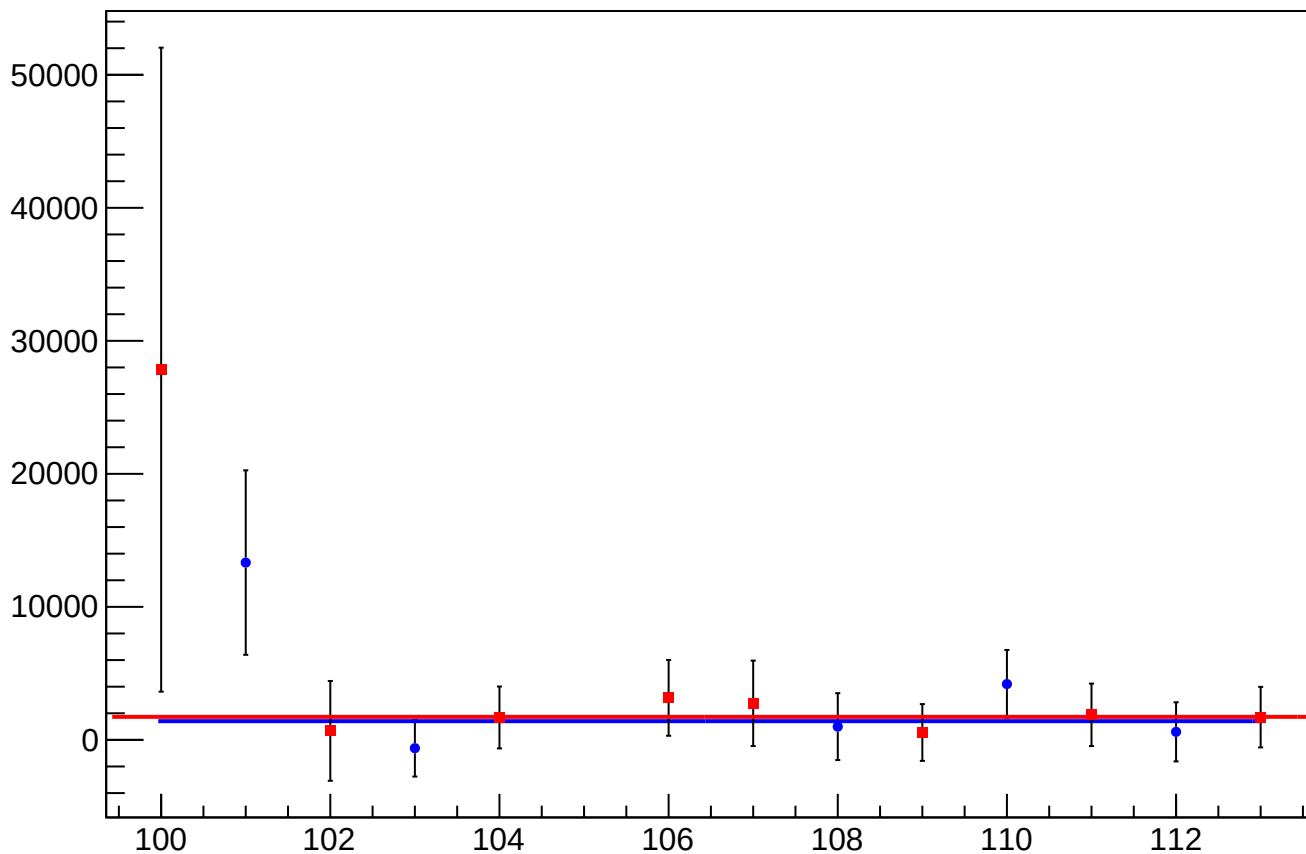
Right: 723.209 $\pm$ 0.228 χ^2 /NDF: 908900.6/12

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: 723.209 $\pm$ 0.228 χ^2 /NDF: 908900.6/12

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: 1732.221+/-966.225 χ^2/NDF : 1.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

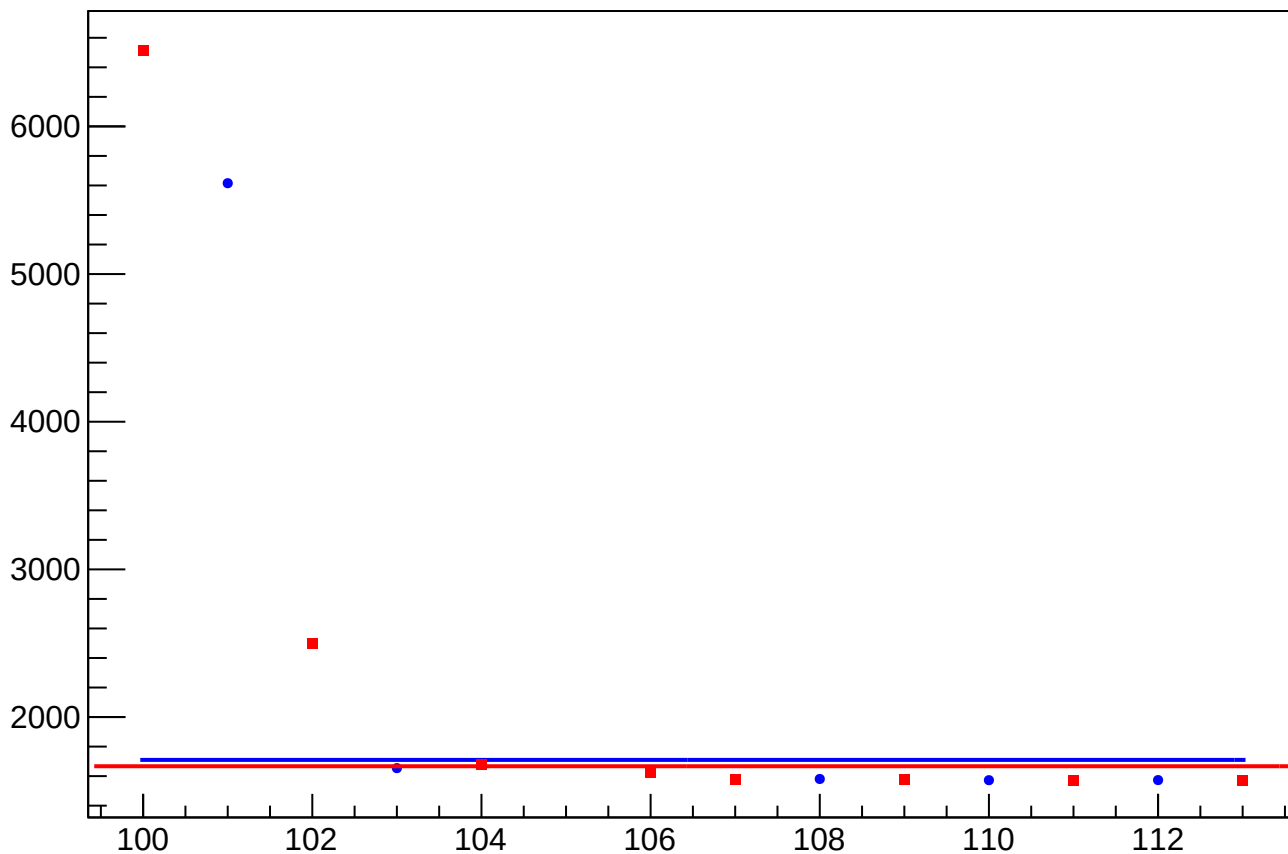
Right: 1597.793+/-740.407 χ^2/NDF : 7.2/12

In: 1406.572+/-1152.391 χ^2/NDF : 5.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1597.793+/-740.407 χ^2/NDF : 7.2/12

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: 1666.890+/-0.683 χ^2/NDF : 190237.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

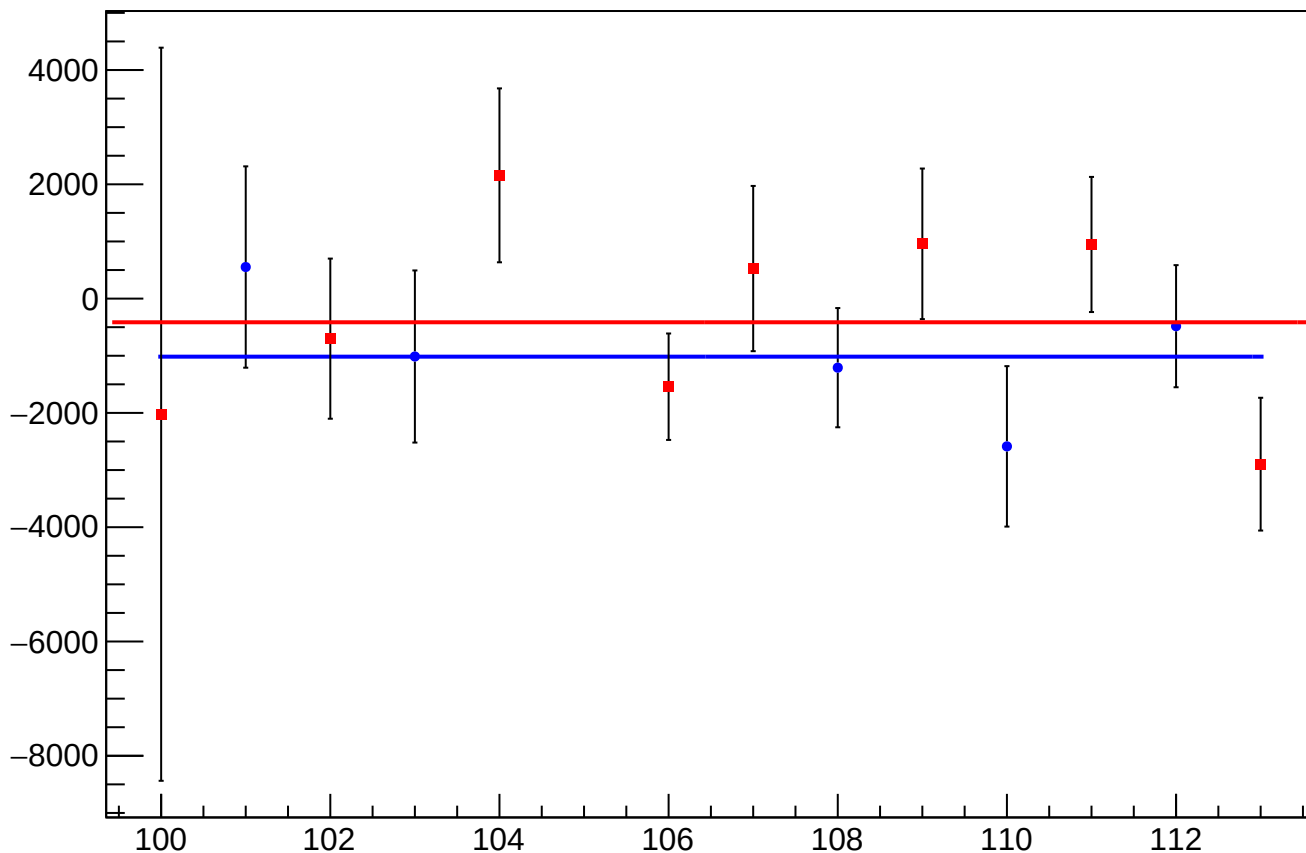
Right: 1684.627+/-0.524 χ^2/NDF : 846093.3/12

In: 1709.859+/-0.815 χ^2/NDF : 654223.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1684.627+/-0.524 χ^2/NDF : 846093.3/12

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: -414.063 $\pm$ 464.760 χ^2/NDF : 11.8/7

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

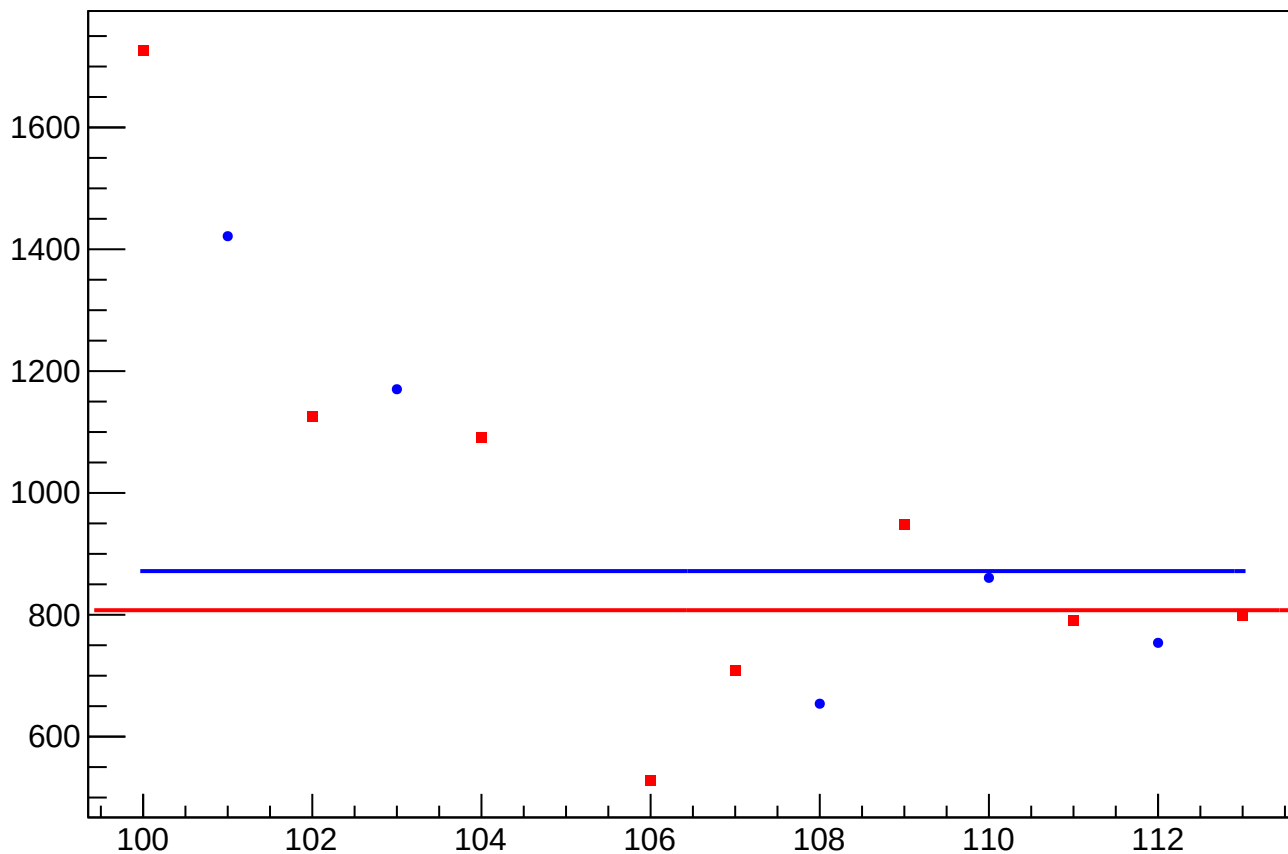
Right: -653.765 $\pm$ 360.488 χ^2/NDF : 14.8/12

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: -653.765 $\pm$ 360.488 χ^2/NDF : 14.8/12

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: 807.514+/-0.329 χ^2/NDF : 426413.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

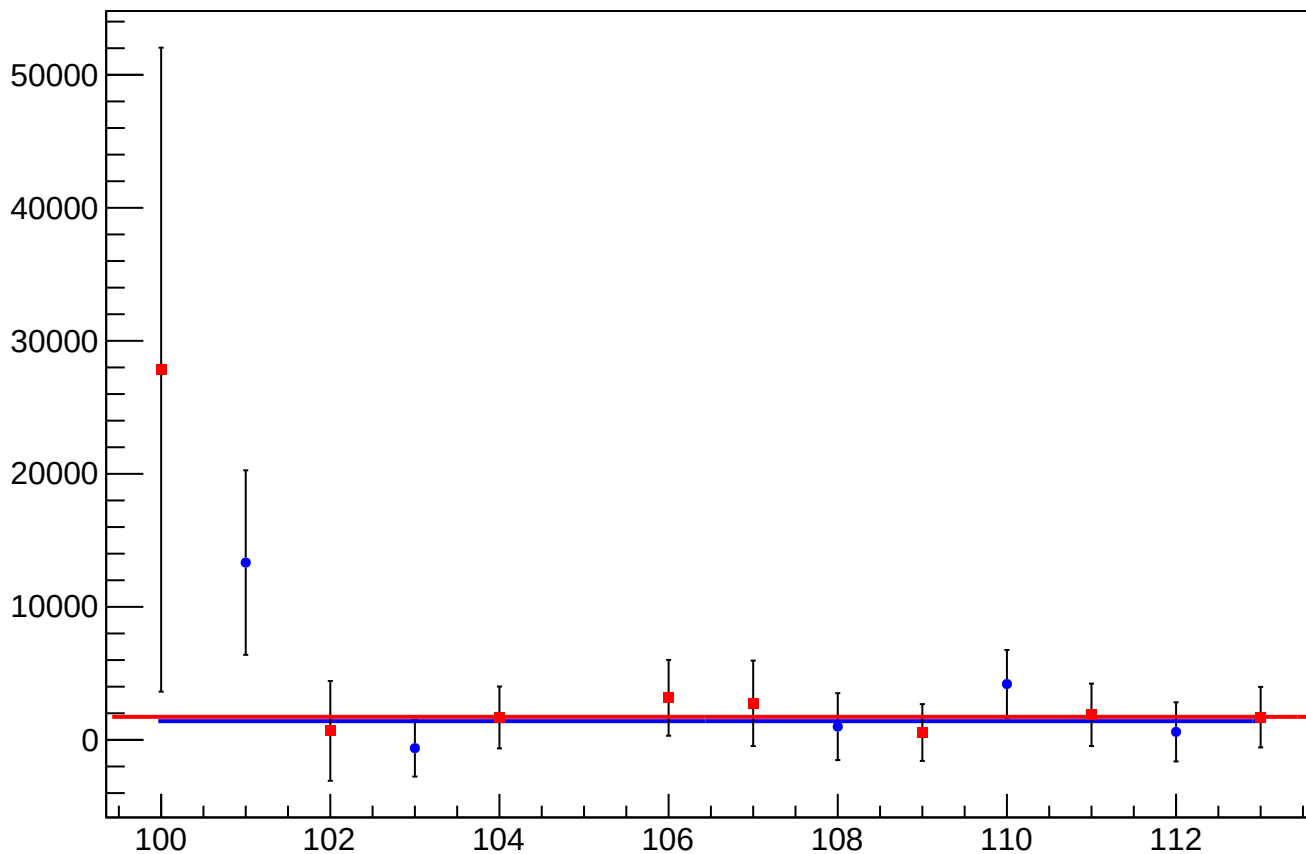
Right: 833.092+/-0.255 χ^2/NDF : 826522.0/12

In: 871.718+/-0.404 χ^2/NDF : 384903.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 833.092+/-0.255 χ^2/NDF : 826522.0/12

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: 1732.220+/-966.225 χ^2/NDF : 1.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

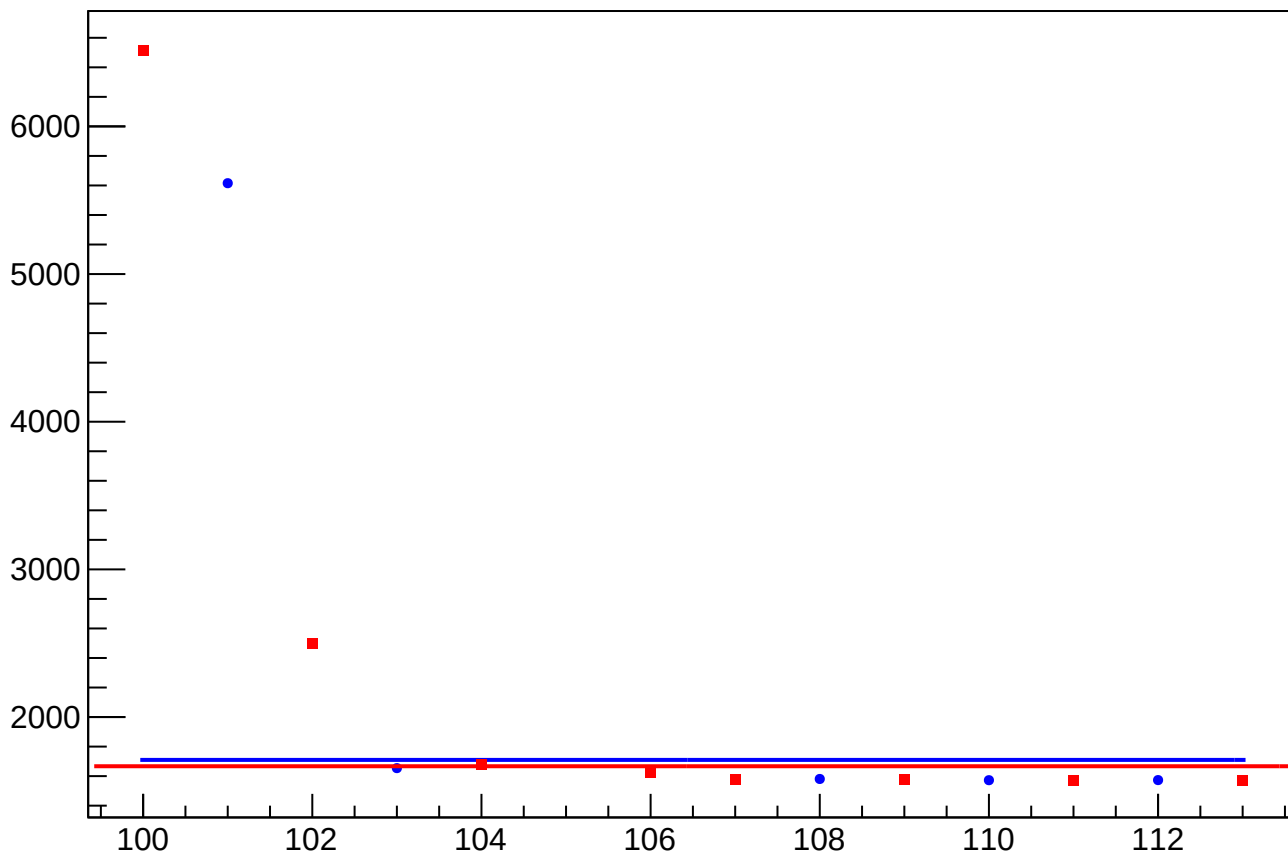
Right: 1597.794+/-740.407 χ^2/NDF : 7.2/12

In: 1406.575+/-1152.391 χ^2/NDF : 5.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1597.794+/-740.407 χ^2/NDF : 7.2/12

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: 1666.890+/-0.683 χ^2/NDF : 190237.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

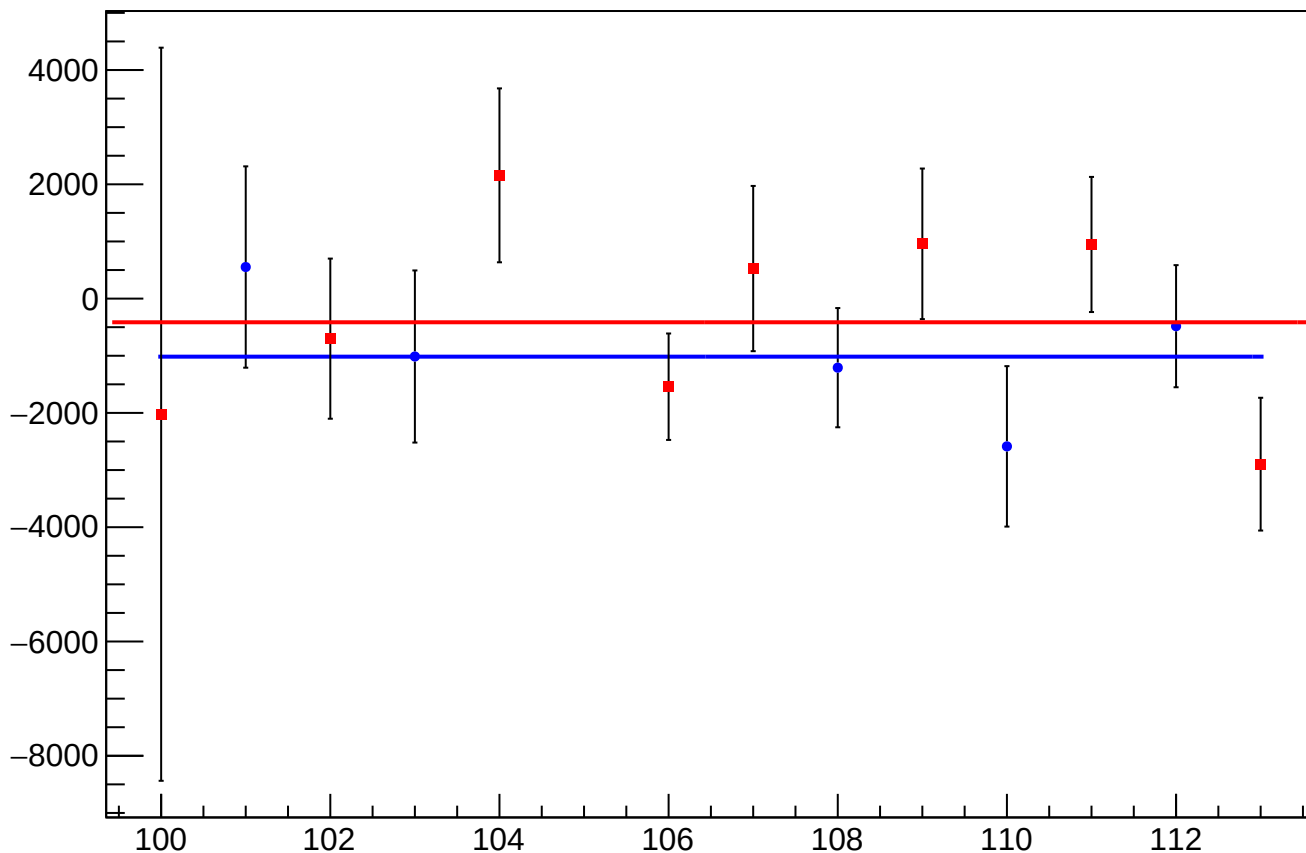
Right: 1684.627+/-0.524 χ^2/NDF : 846093.2/12

In: 1709.858+/-0.815 χ^2/NDF : 654223.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1684.627+/-0.524 χ^2/NDF : 846093.2/12

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: -414.064+/-464.759 χ^2/NDF : 11.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

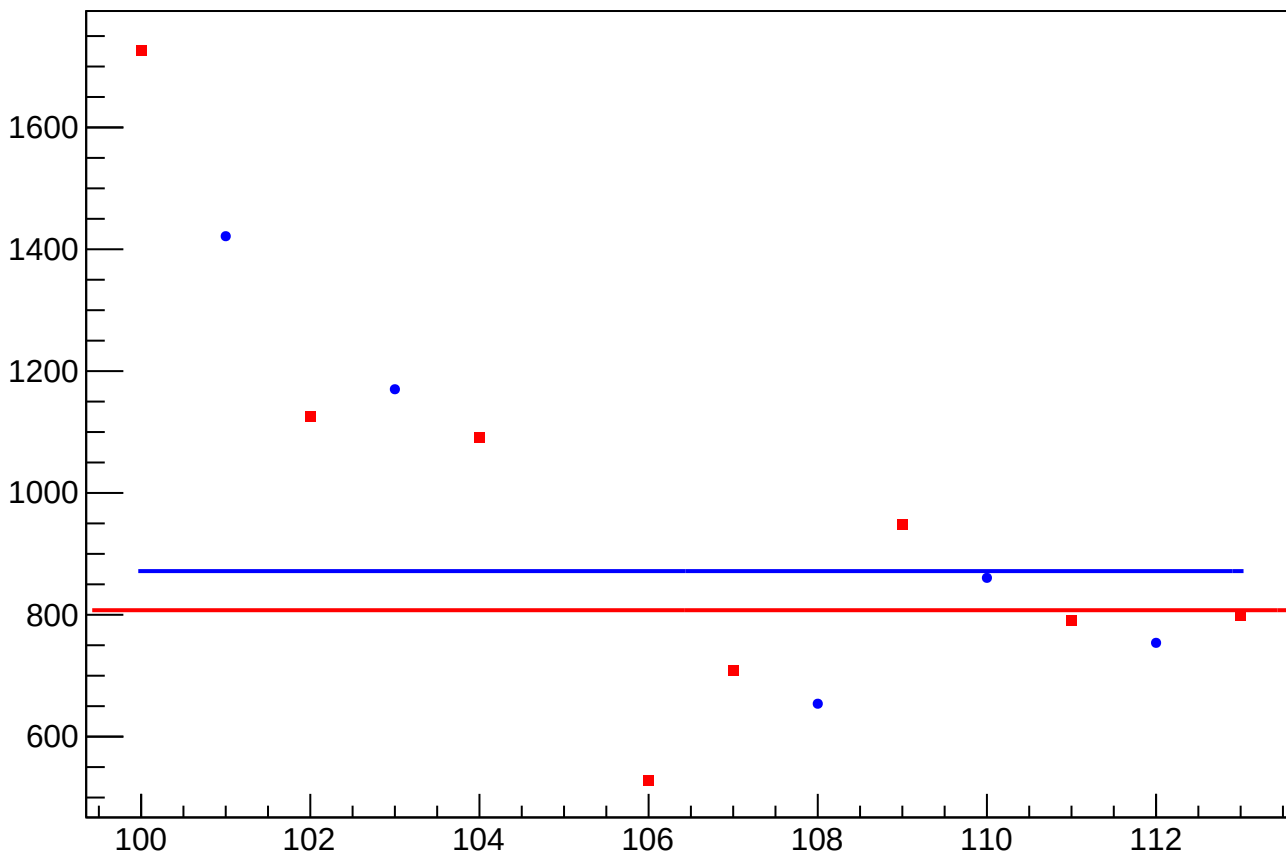
Right: -653.765+/-360.487 χ^2/NDF : 14.8/12

In: -1015.755+/-571.138 χ^2/NDF : 2.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -653.765+/-360.487 χ^2/NDF : 14.8/12

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: 807.512+/-0.329 χ^2/NDF : 426410.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

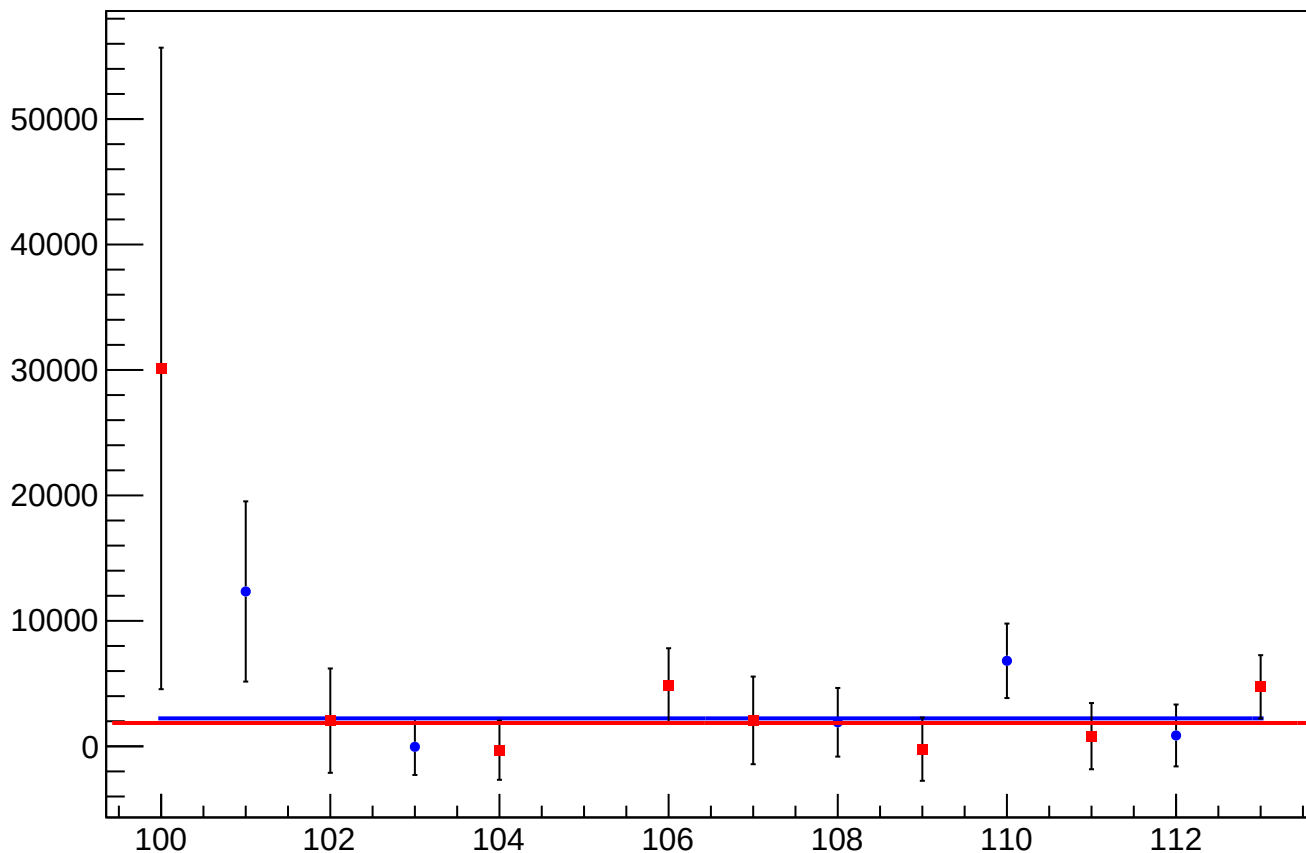
Right: 833.089+/-0.255 χ^2/NDF : 826520.9/12

In: 871.714+/-0.404 χ^2/NDF : 384906.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 833.089+/-0.255 χ^2/NDF : 826520.9/12

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: 1860.626+/-1057.164 χ^2/NDF : 5.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

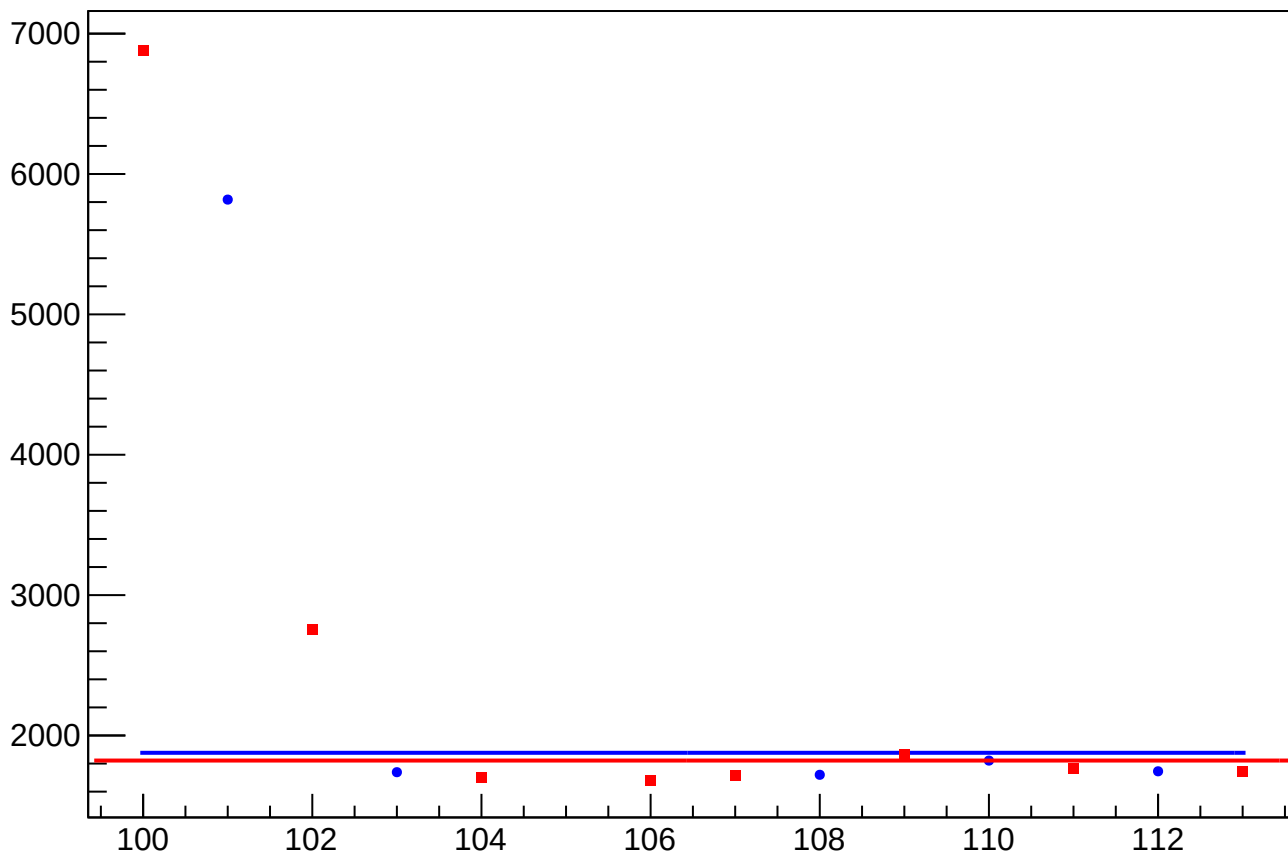
Right: 2012.739+/-809.955 χ^2/NDF : 11.0/12

In: 2228.937+/-1260.335 χ^2/NDF : 5.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2012.739+/-809.955 χ^2/NDF : 11.0/12

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: 1821.476+/-0.748 χ^2/NDF : 194879.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

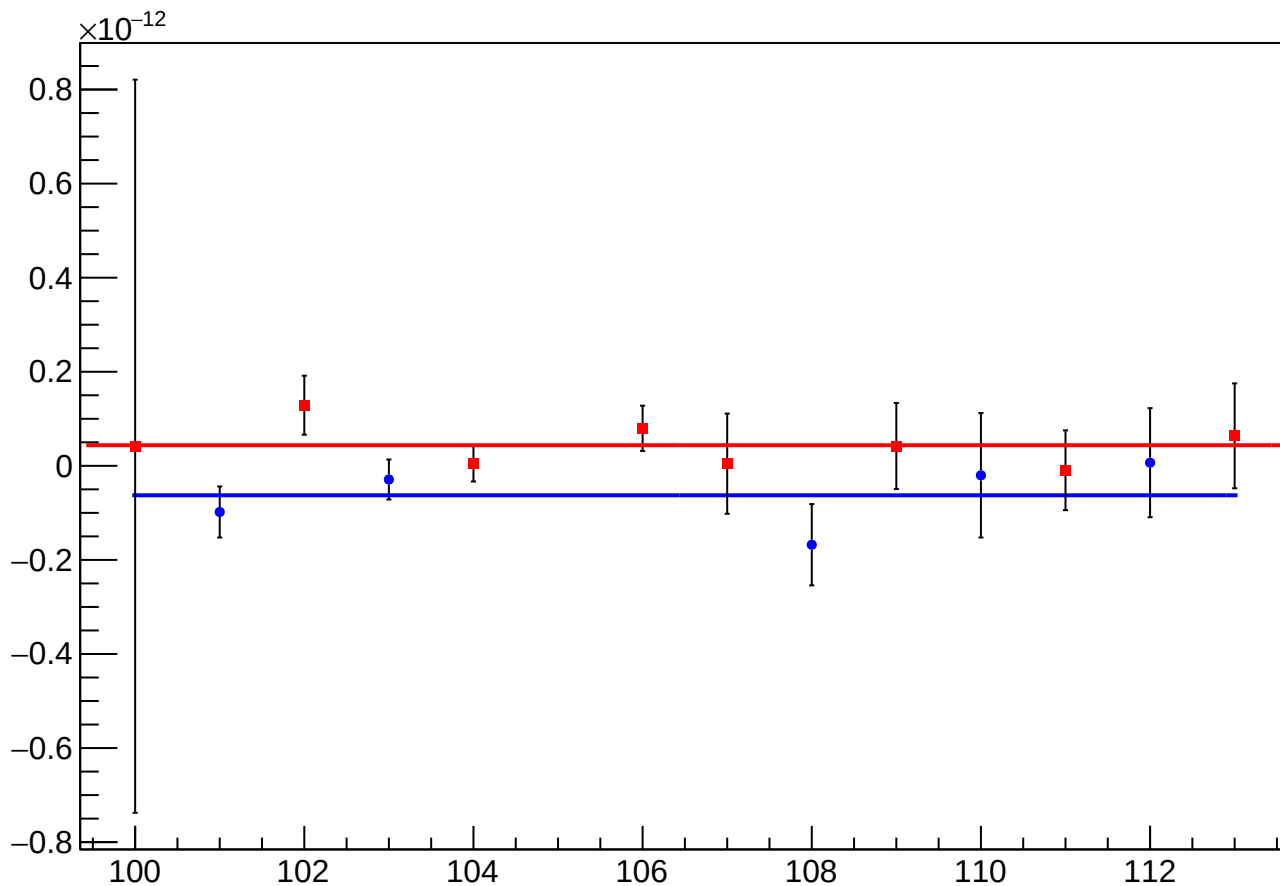
Right: 1844.290+/-0.573 χ^2/NDF : 819592.7/12

In: 1876.715+/-0.891 χ^2/NDF : 622458.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1844.290+/-0.573 χ^2/NDF : 819592.7/12

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 : 4.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

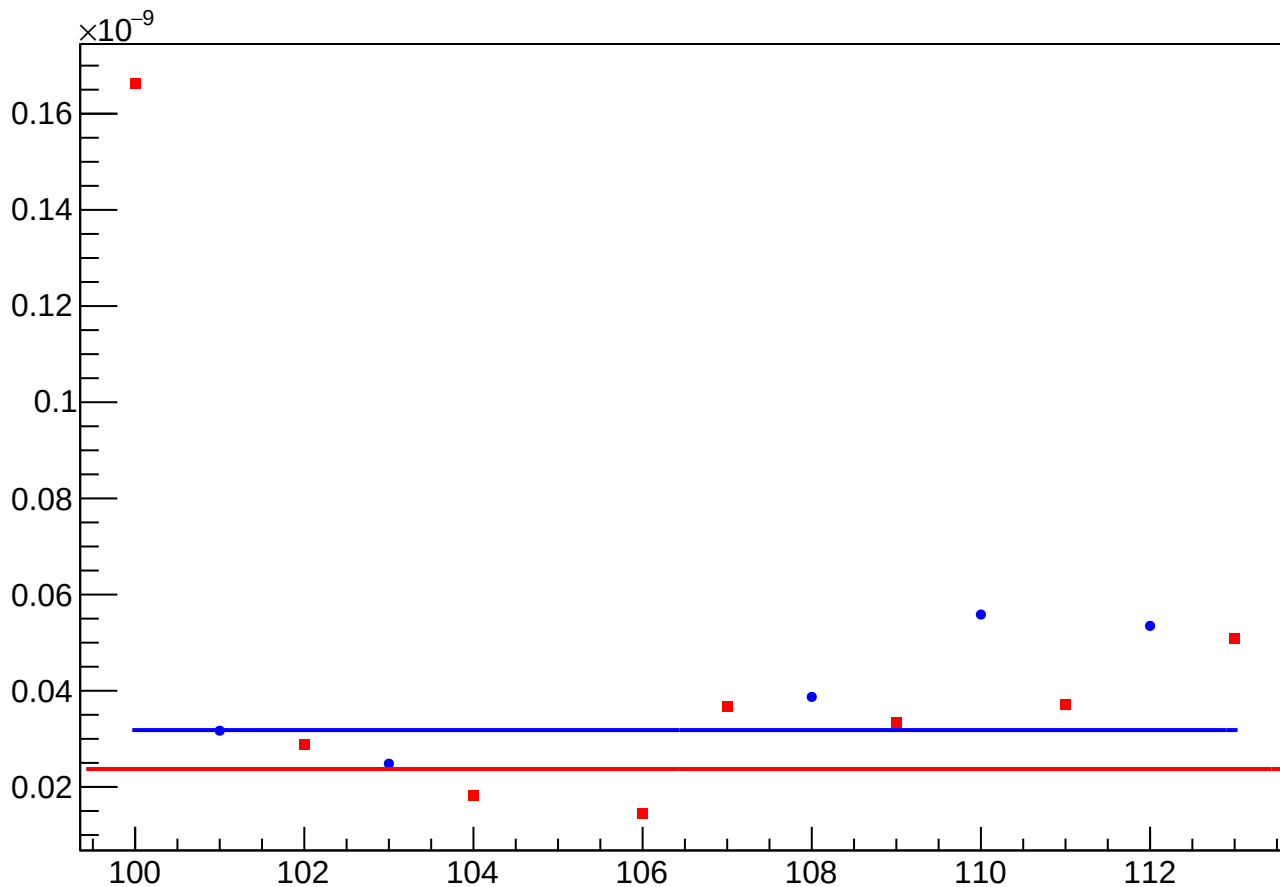
Right: 0.000+/-0.000 χ^2/NDF : 15.1/12

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 : 15.1/12

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 : 418526.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

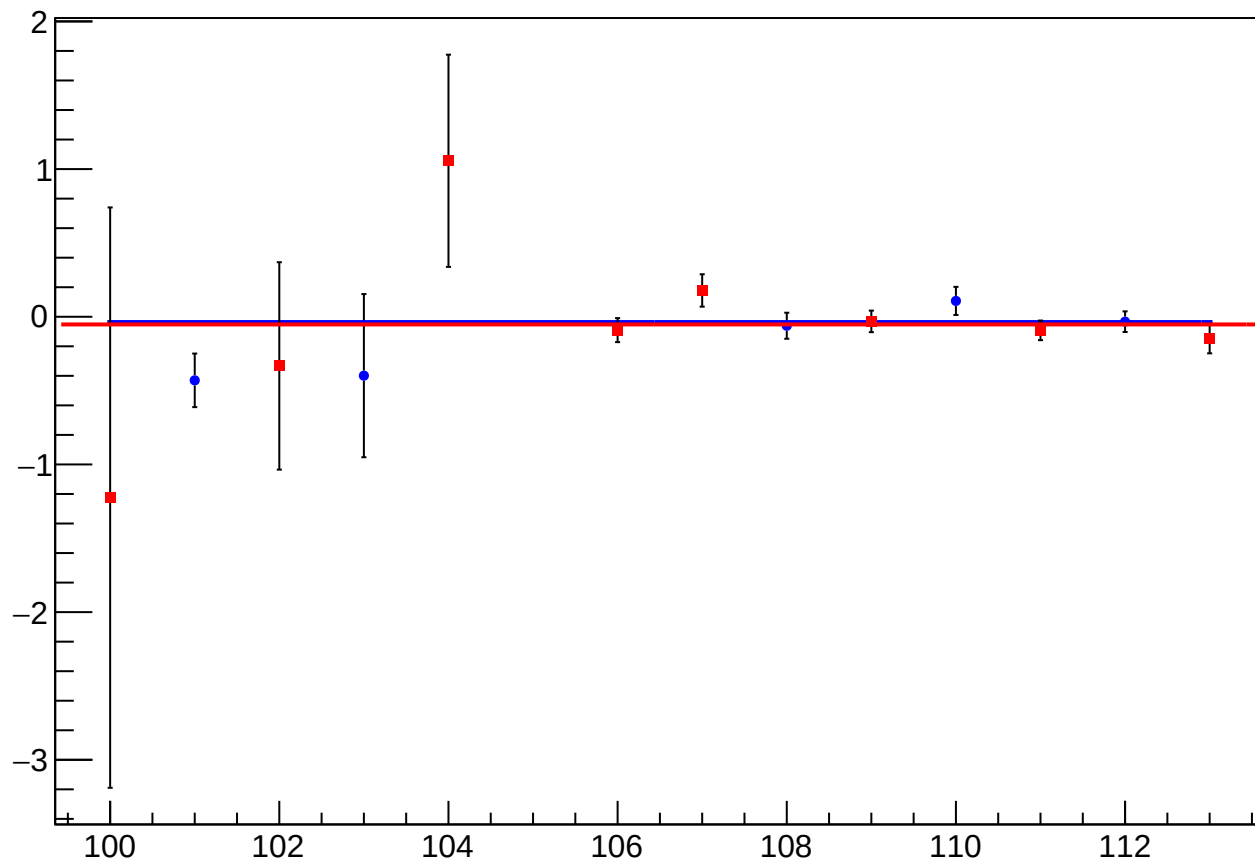
Right: 0.000+/-0.000 χ^2/NDF : 713779.2/12

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 : 713779.2/12

asym_usr_atr1_avg_dit_vs_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: -0.052+/-0.036 χ^2/NDF : 8.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

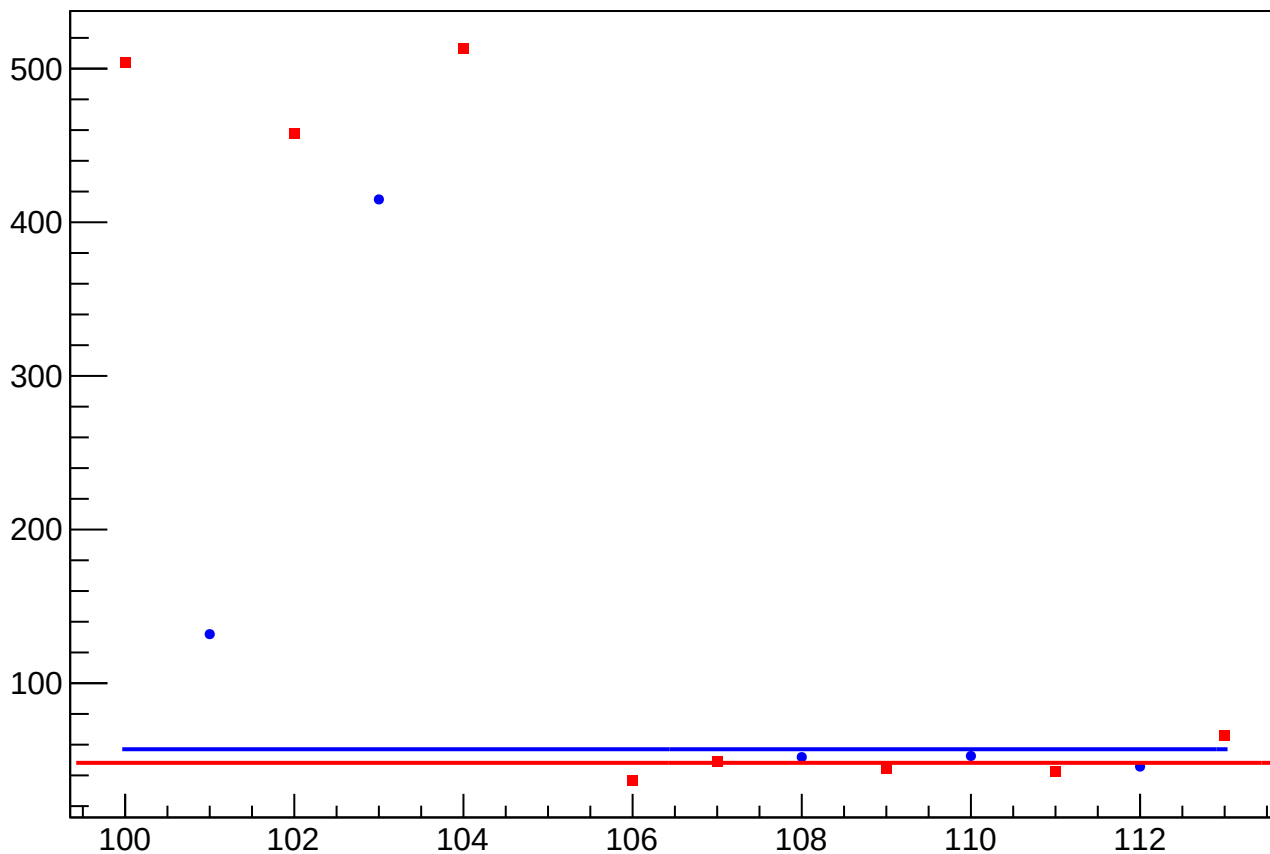
Right: -0.046+/-0.029 χ^2/NDF : 16.4/12

In: -0.036+/-0.046 χ^2/NDF : 7.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.046+/-0.029 χ^2/NDF : 16.4/12

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: 48.167+/-0.026 χ^2/NDF : 1749141.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

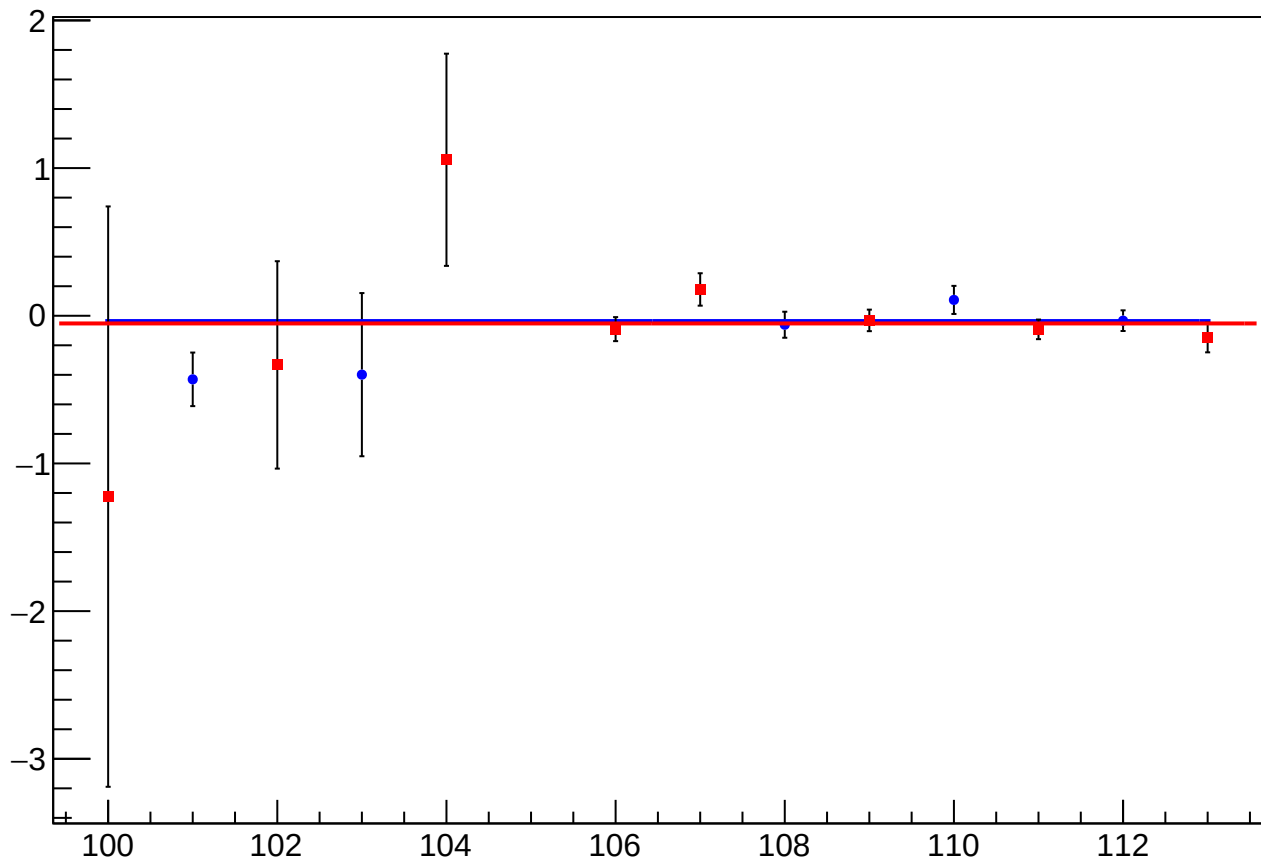
Right: 51.606+/-0.020 χ^2/NDF : 3038212.1/12

In: 57.021+/-0.032 χ^2/NDF : 1243274.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.606+/-0.020 χ^2/NDF : 3038212.1/12

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: -0.052+/-0.036 χ^2/NDF : 8.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

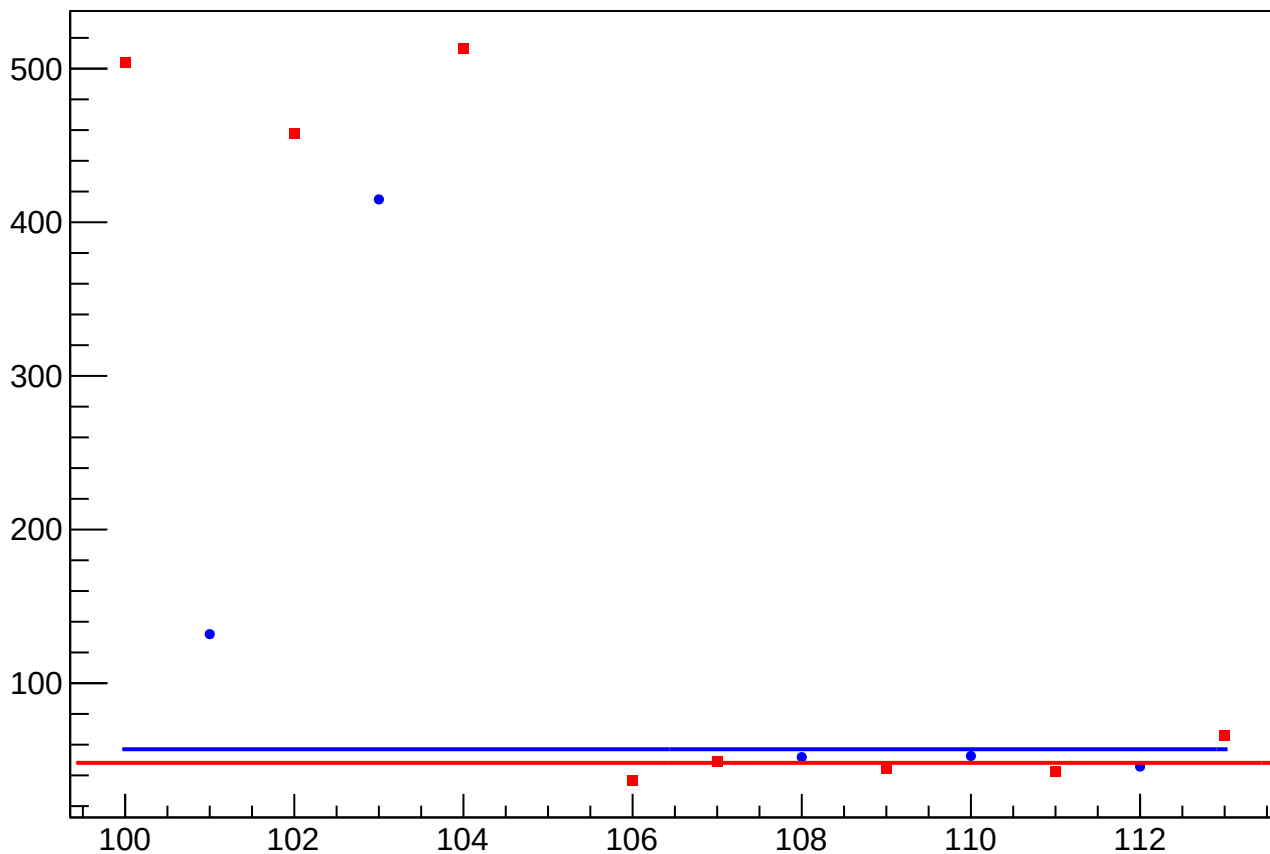
Right: -0.046+/-0.029 χ^2/NDF : 16.4/12

In: -0.036+/-0.046 χ^2/NDF :7.5/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.046+/-0.029 χ^2/NDF : 16.4/12

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: 48.167+/-0.026 χ^2/NDF : 1749141.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

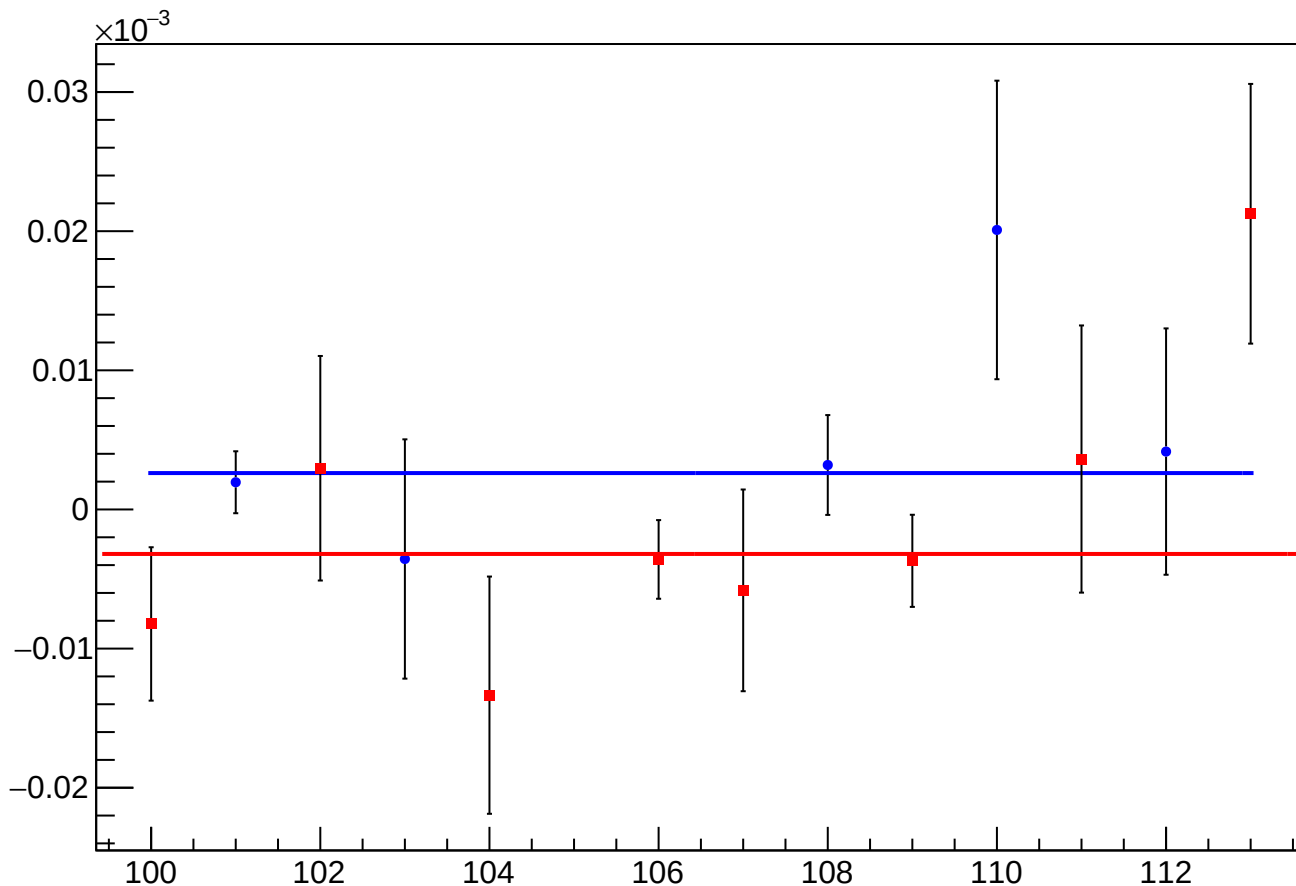
Right: 51.606+/-0.020 χ^2/NDF : 3038212.1/12

In: 57.021+/-0.032 χ^2/NDF : 1243274.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.606+/-0.020 χ^2/NDF : 3038212.1/12

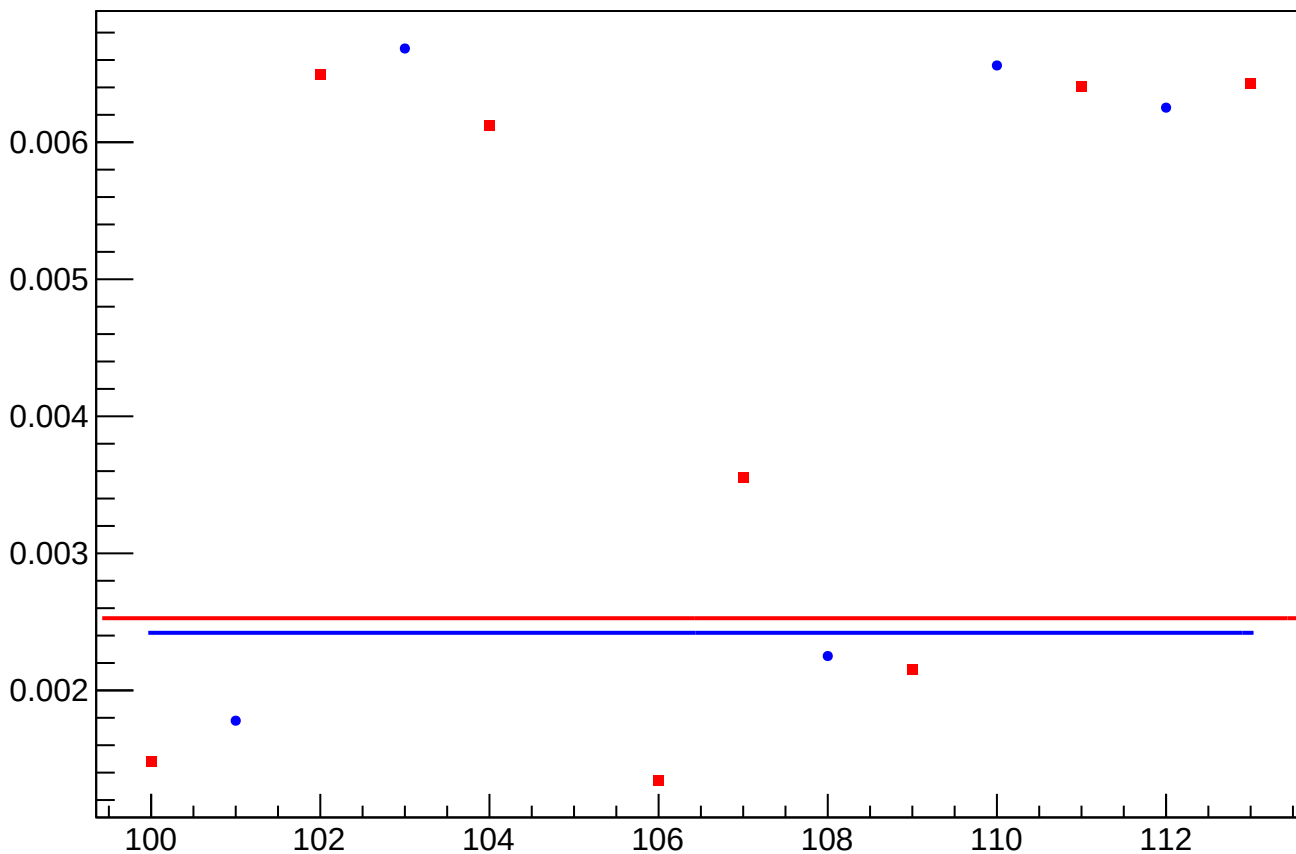
asym_usr_atr1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.3/4
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.4/7
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 19.0/12
 In: 0.000 $\pm$ 0.000 χ^2 /NDF:3.3/4
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.000 $\pm$ 0.000 χ^2 /NDF: 19.0/12

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: 0.003+/-0.000 χ^2/NDF : 2005371.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

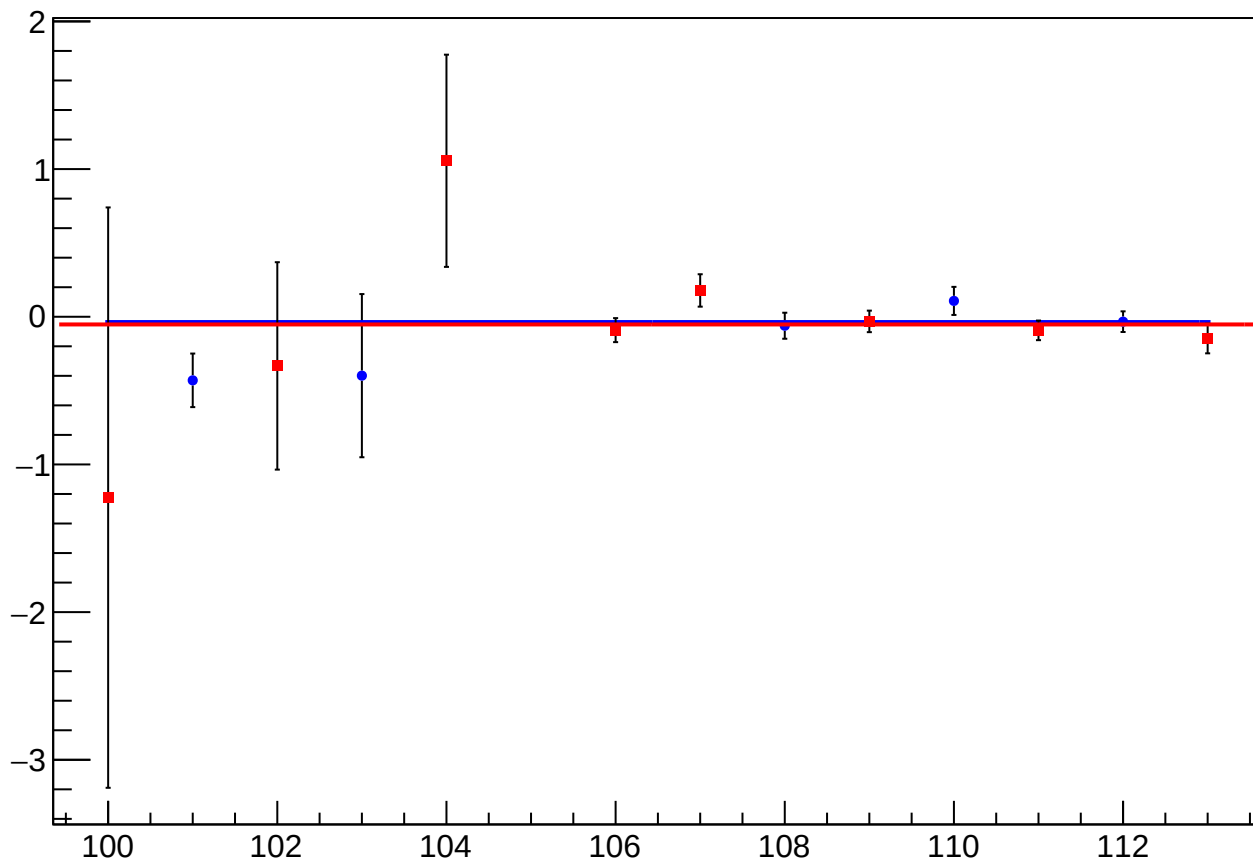
Right: 0.002+/-0.000 χ^2/NDF : 3343616.2/12

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 : 3343616.2/12

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: -0.052 $\pm$ 0.036 χ^2 /NDF: 8.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

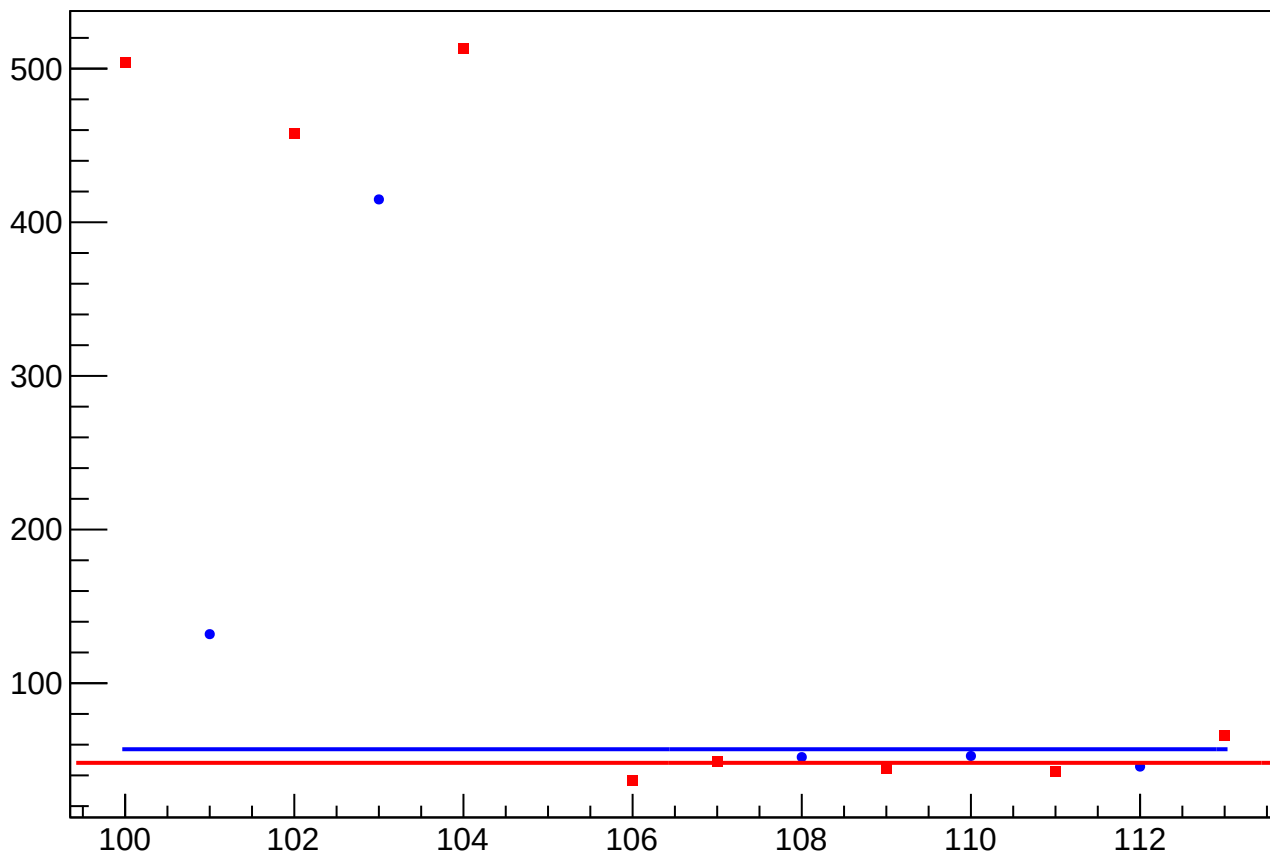
Right: -0.046 $\pm$ 0.029 χ^2 /NDF: 16.4/12

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: -0.046 $\pm$ 0.029 χ^2 /NDF: 16.4/12

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: 48.168+/-0.026 χ^2/NDF : 1749109.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

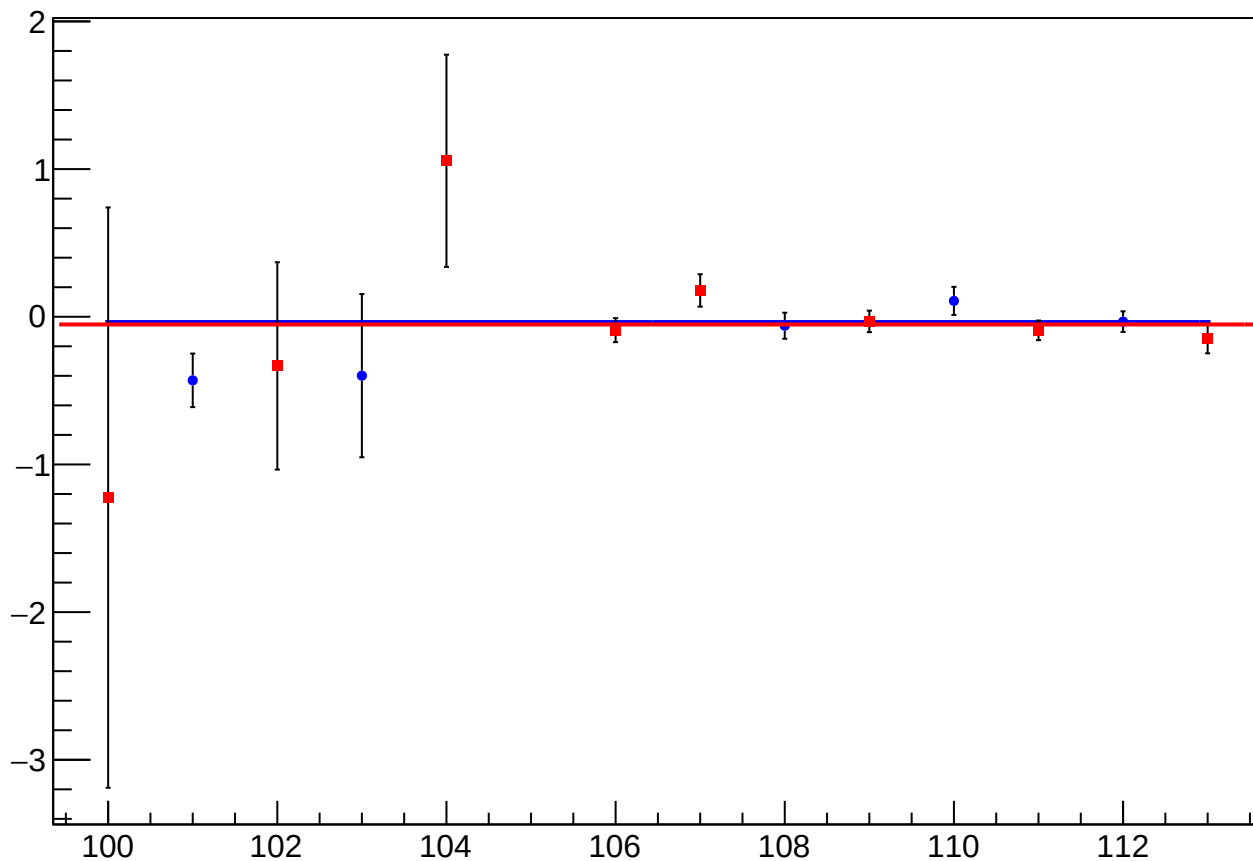
Right: 51.606+/-0.020 χ^2/NDF : 3038178.4/12

In: 57.023+/-0.032 χ^2/NDF : 1243254.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.606+/-0.020 χ^2/NDF : 3038178.4/12

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: -0.052 $\pm$ 0.036 χ^2 /NDF: 8.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

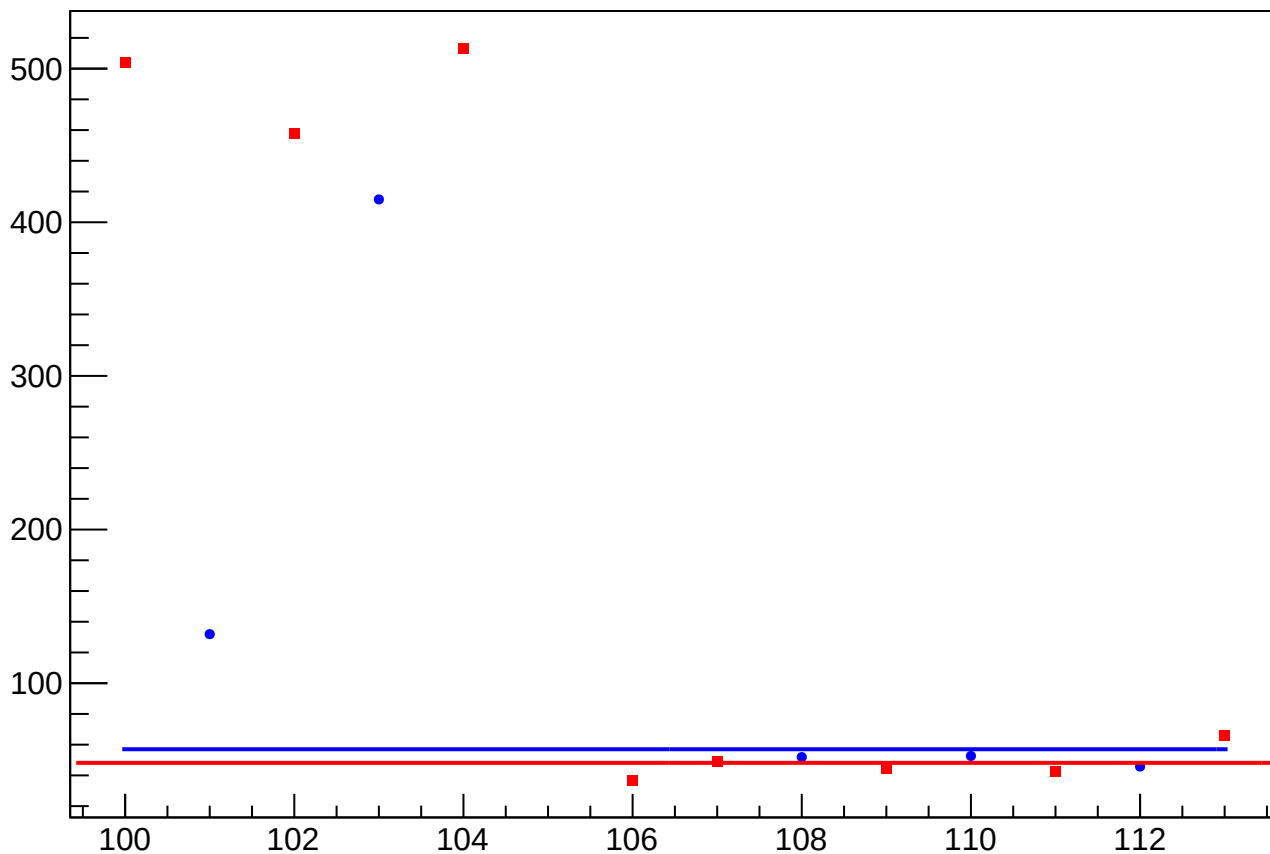
Right: -0.046 $\pm$ 0.029 χ^2 /NDF: 16.4/12

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: -0.046 $\pm$ 0.029 χ^2 /NDF: 16.4/12

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: 48.168+/-0.026 χ^2/NDF : 1749109.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

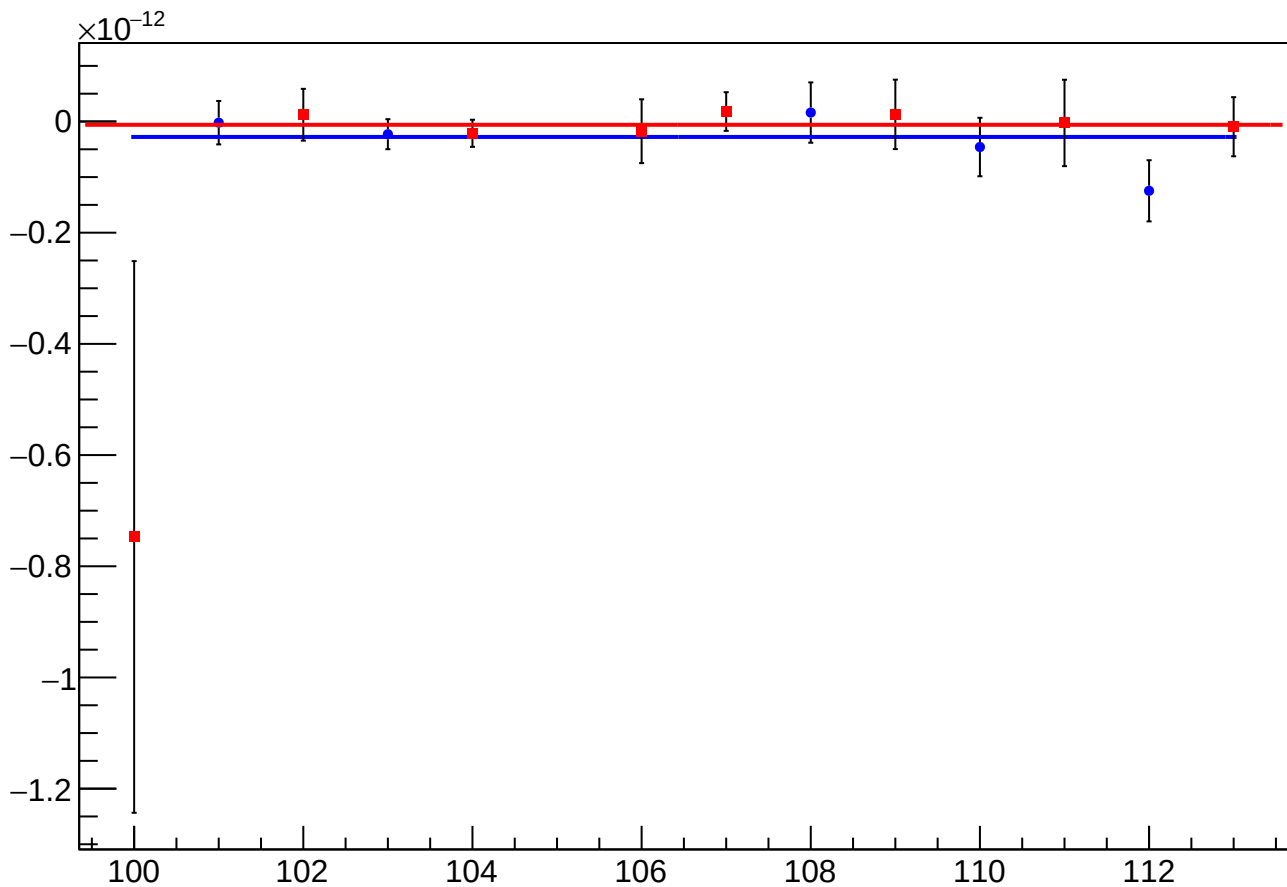
Right: 51.606+/-0.020 χ^2/NDF : 3038178.4/12

In: 57.023+/-0.032 χ^2/NDF : 1243254.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.606+/-0.020 χ^2/NDF : 3038178.4/12

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 : 3.4/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

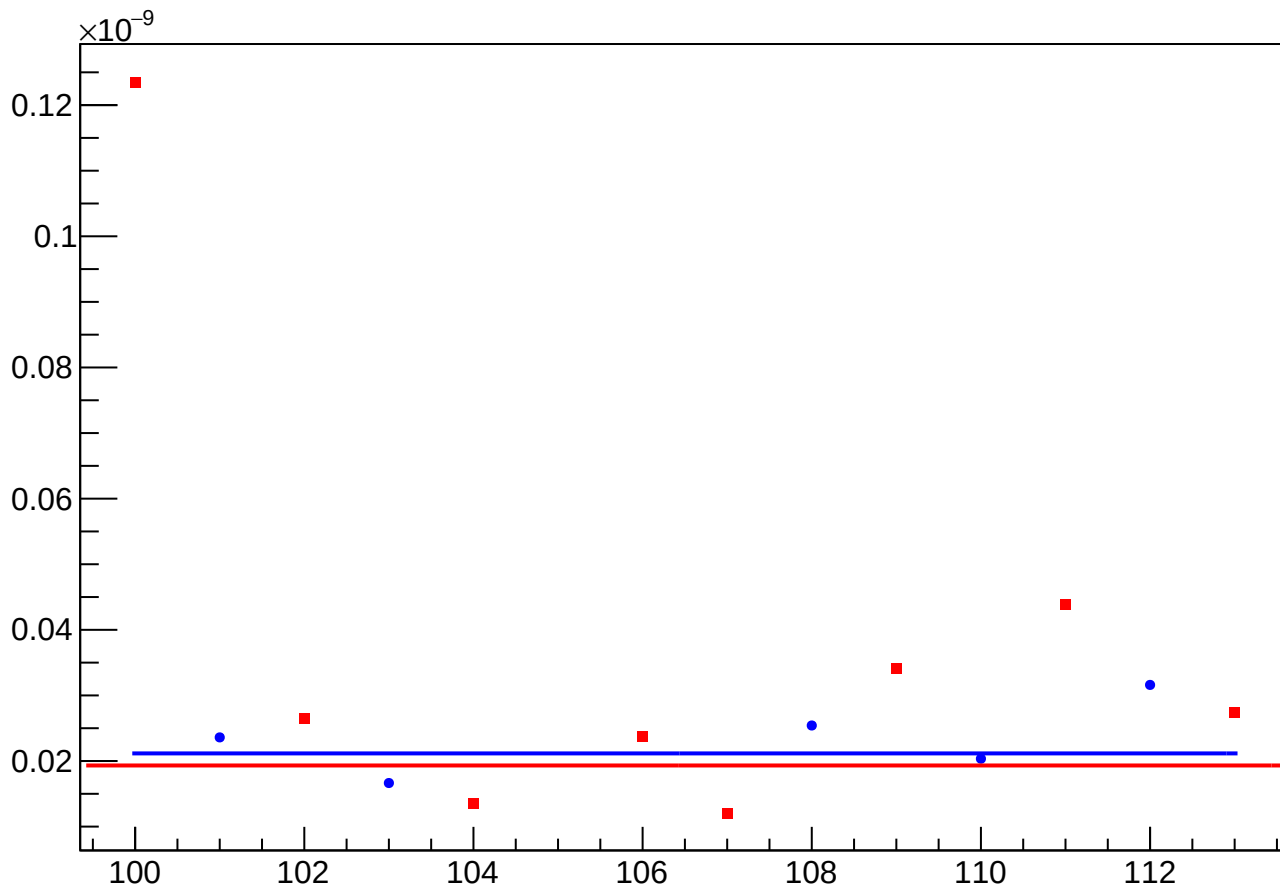
Right: -0.000 ± 0.000 χ^2/NDF : 8.6/12

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 : 8.6/12

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 : 704322.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

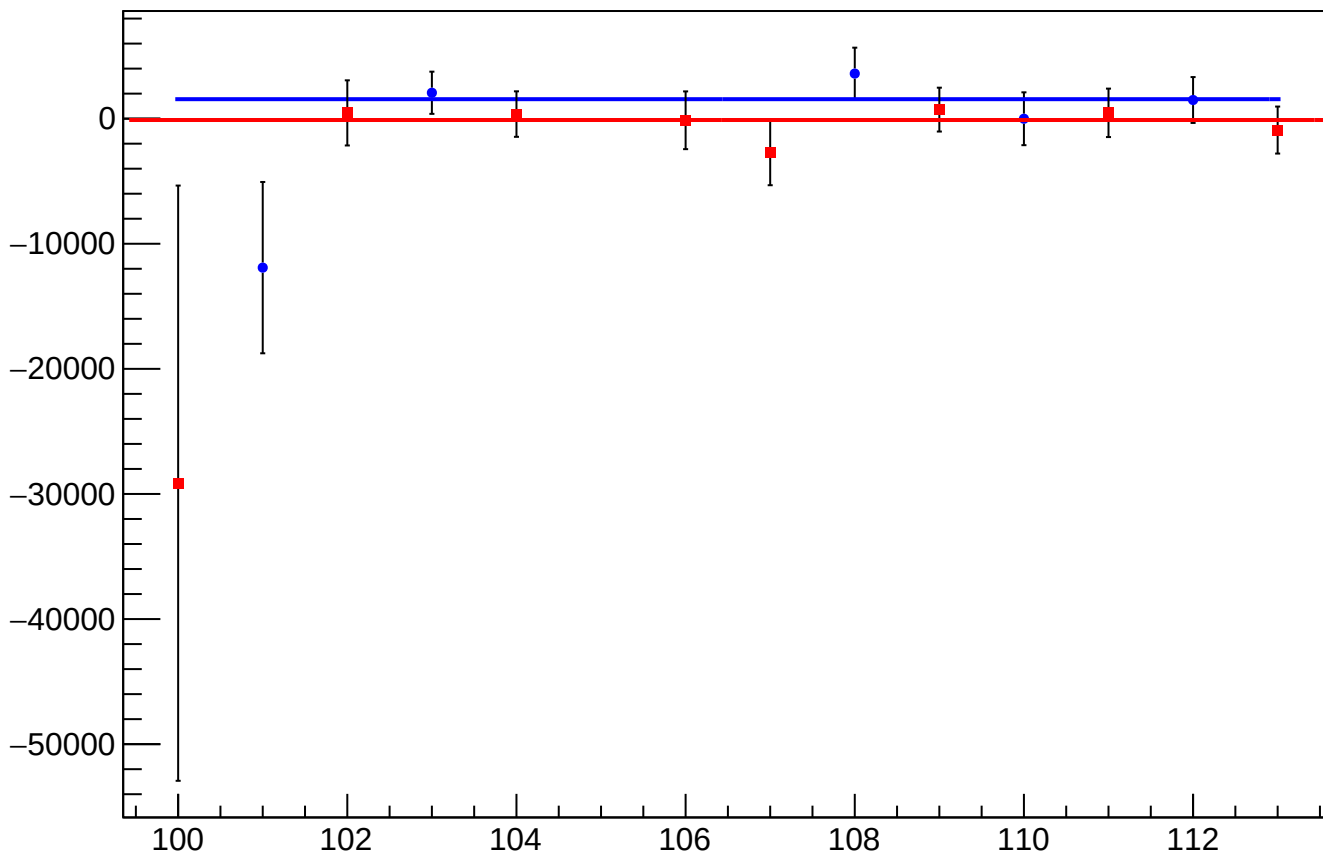
Right: 0.000+/-0.000 χ^2/NDF : 864737.7/12

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 : 864737.7/12

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: -108.408+/-776.664 χ^2/NDF : 3.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

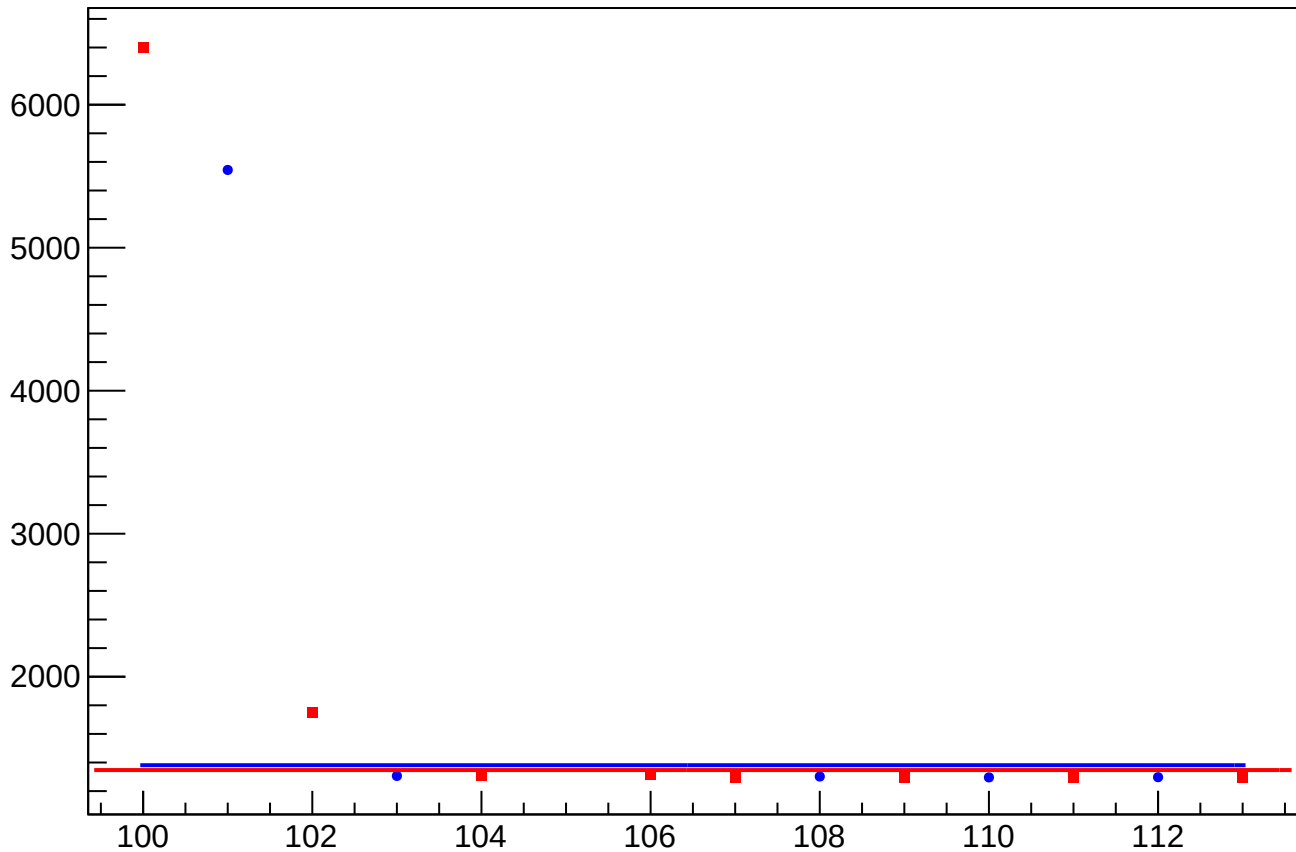
Right: 565.547+/-599.148 χ^2/NDF : 10.4/12

In: 1556.160+/-941.607 χ^2/NDF : 5.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 565.547+/-599.148 χ^2/NDF : 10.4/12

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: 1347.212+/-0.549 χ^2/NDF : 144528.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

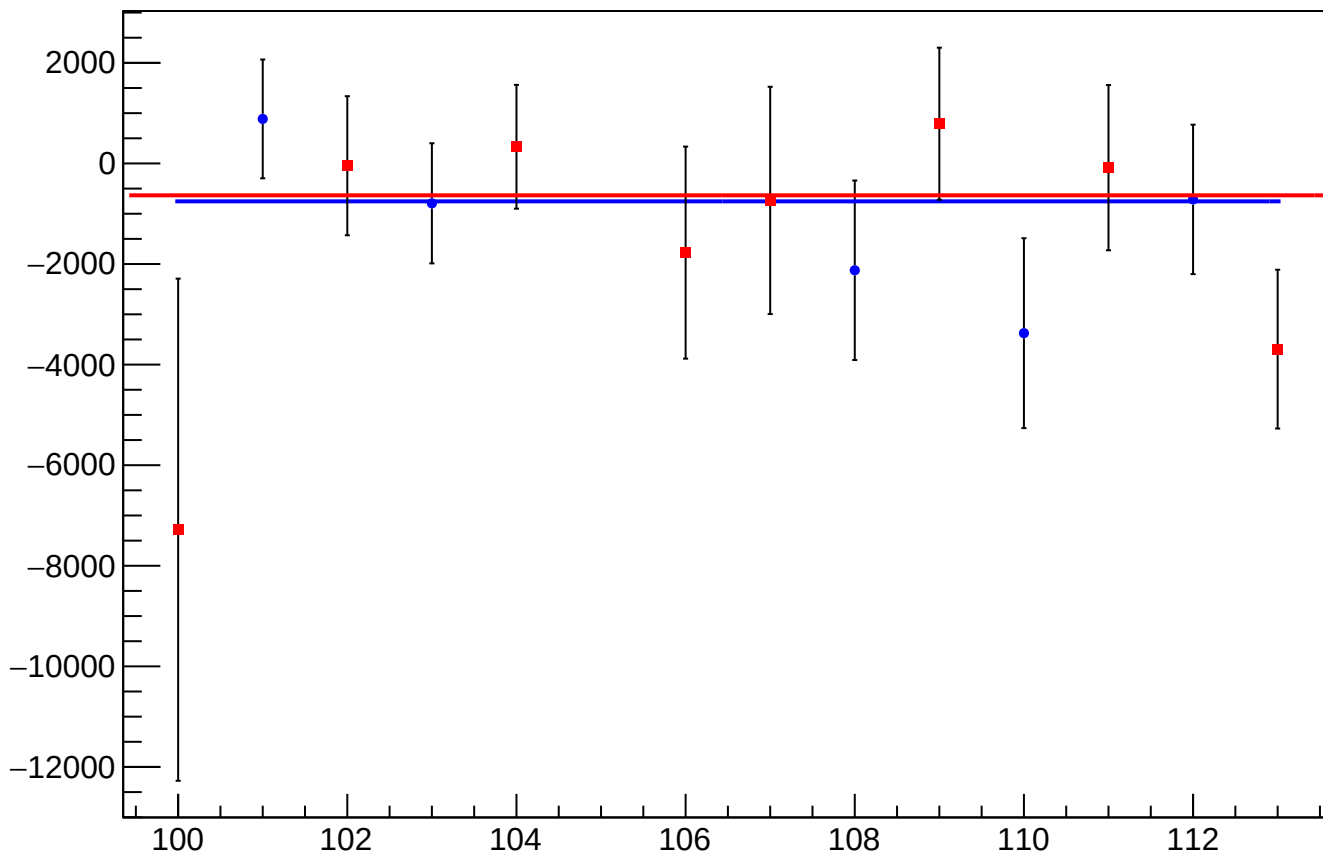
Right: 1360.928+/-0.424 χ^2/NDF : 899589.4/12

In: 1381.089+/-0.666 χ^2/NDF : 753520.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1360.928+/-0.424 χ^2/NDF : 899589.4/12

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: -633.399+/-592.029 χ^2/NDF : 7.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

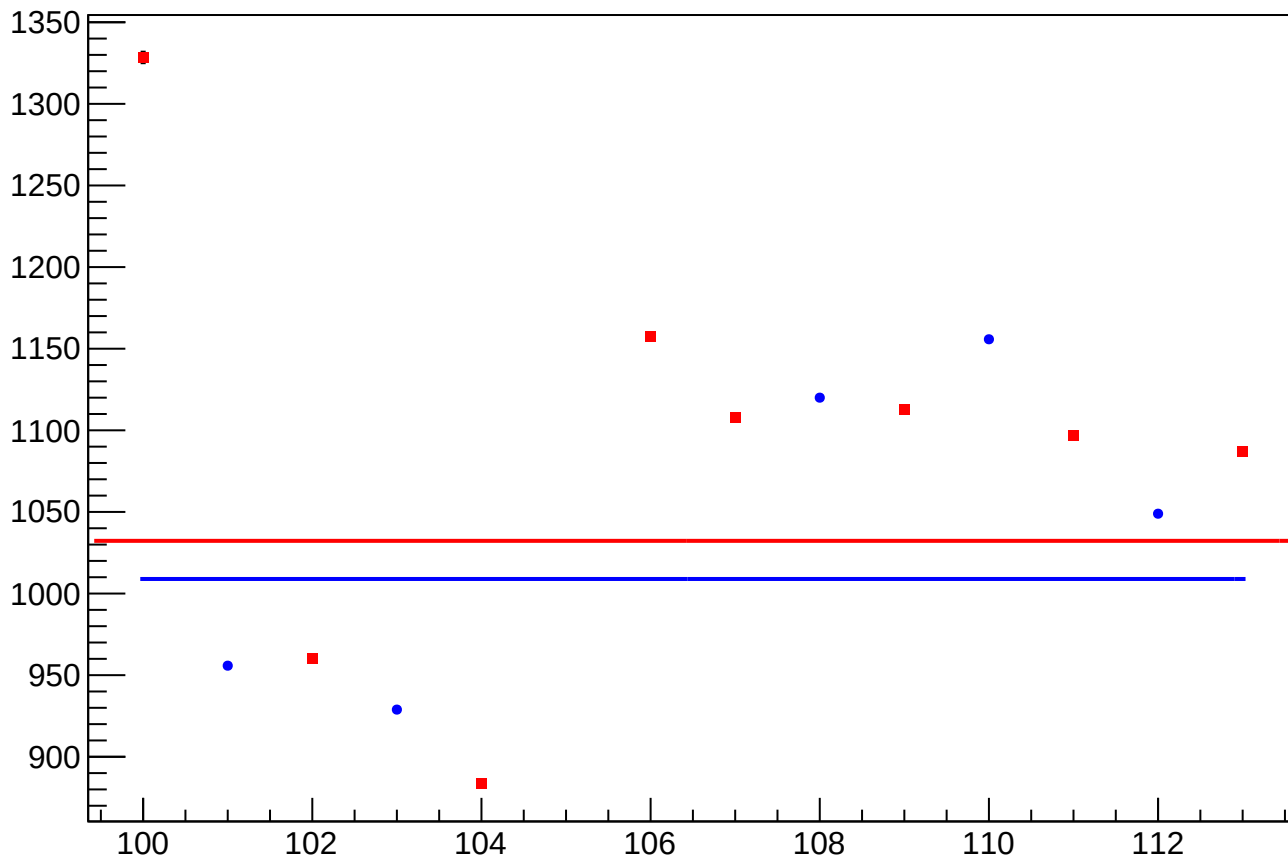
Right: -689.185+/-433.585 χ^2/NDF : 12.1/12

In: -753.723+/-636.777 χ^2/NDF : 4.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -689.185+/-433.585 χ^2/NDF : 12.1/12

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: 1032.290+/-0.419 χ^2/NDF : 62089.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

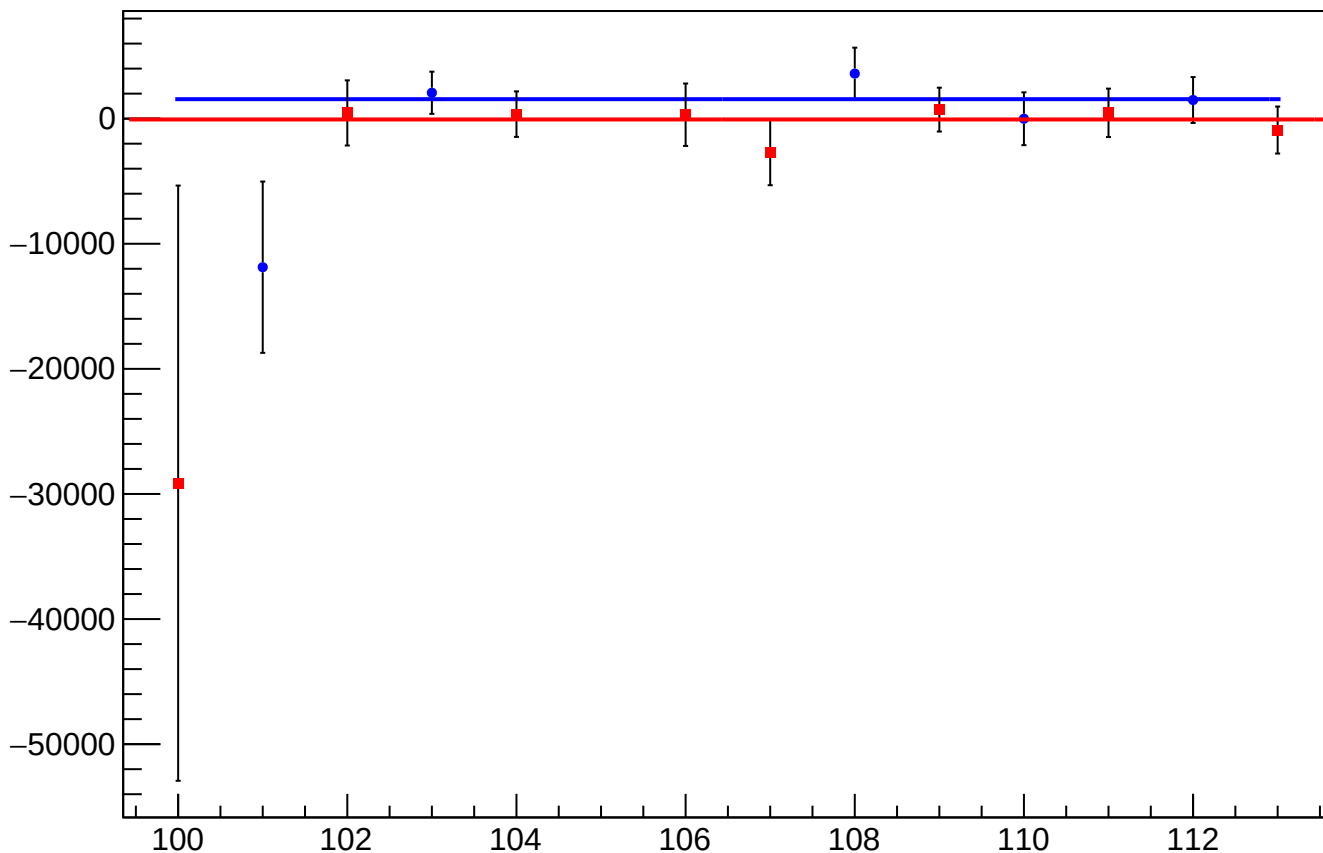
Right: 1021.458+/-0.307 χ^2/NDF : 97865.3/12

In: 1008.927+/-0.450 χ^2/NDF : 34331.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1021.458+/-0.307 χ^2/NDF : 97865.3/12

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: -65.212+/-783.080 χ^2/NDF : 3.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

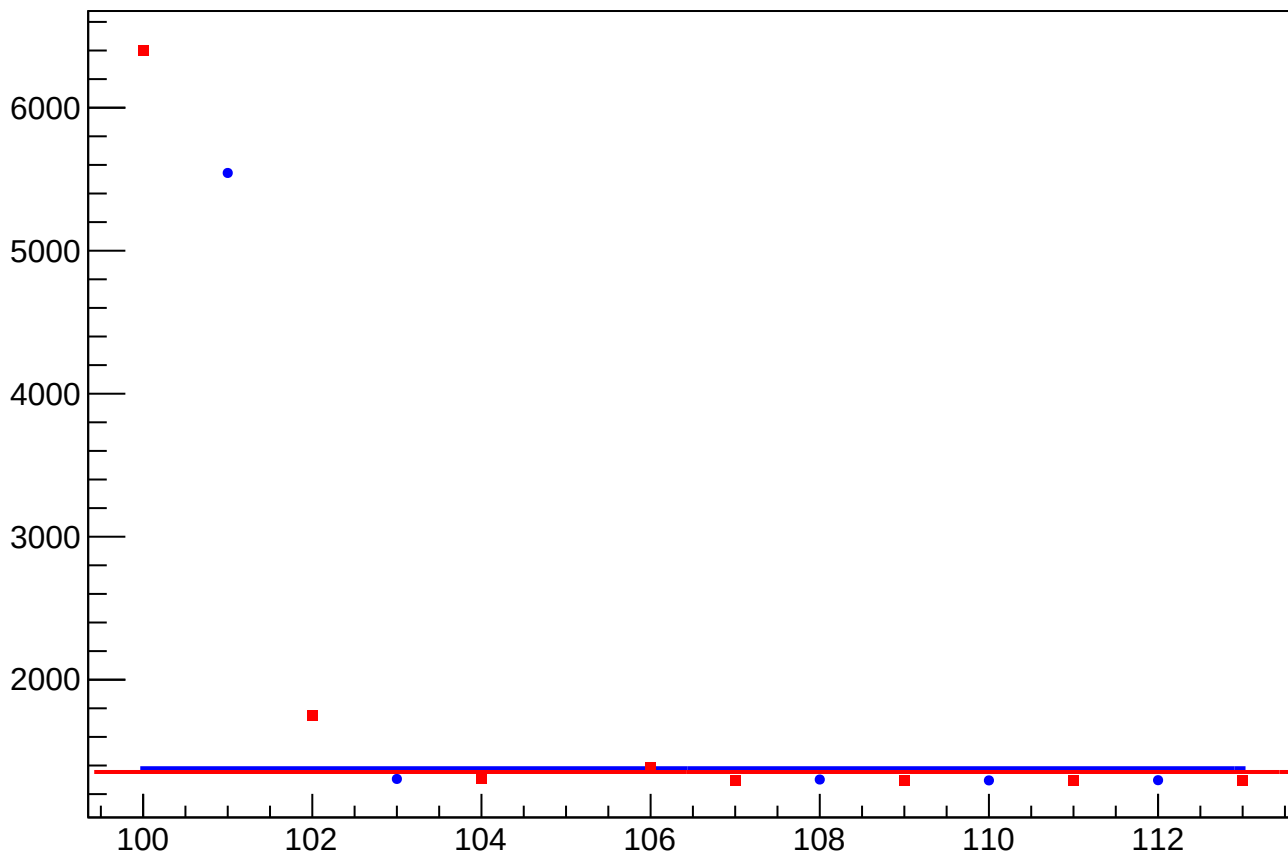
Right: 597.961+/-602.079 χ^2/NDF : 10.3/12

In: 1556.819+/-941.608 χ^2/NDF : 5.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 597.961+/-602.079 χ^2/NDF : 10.3/12

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: 1354.726+/-0.554 χ^2/NDF : 144568.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

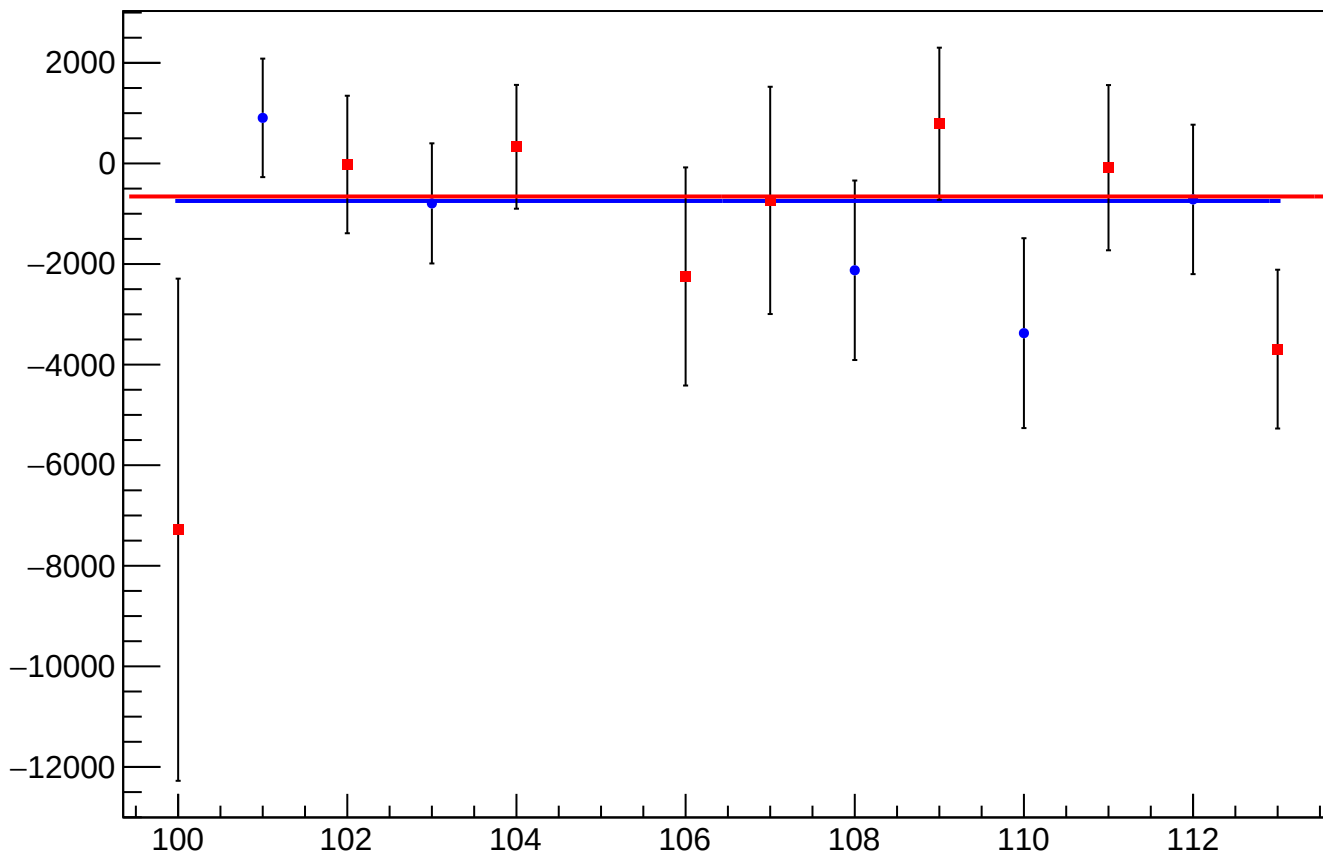
Right: 1365.505+/-0.426 χ^2/NDF : 899014.4/12

In: 1381.089+/-0.666 χ^2/NDF : 753519.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1365.505+/-0.426 χ^2/NDF : 899014.4/12

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: -656.718+/-592.074 χ^2 /NDF: 7.9/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

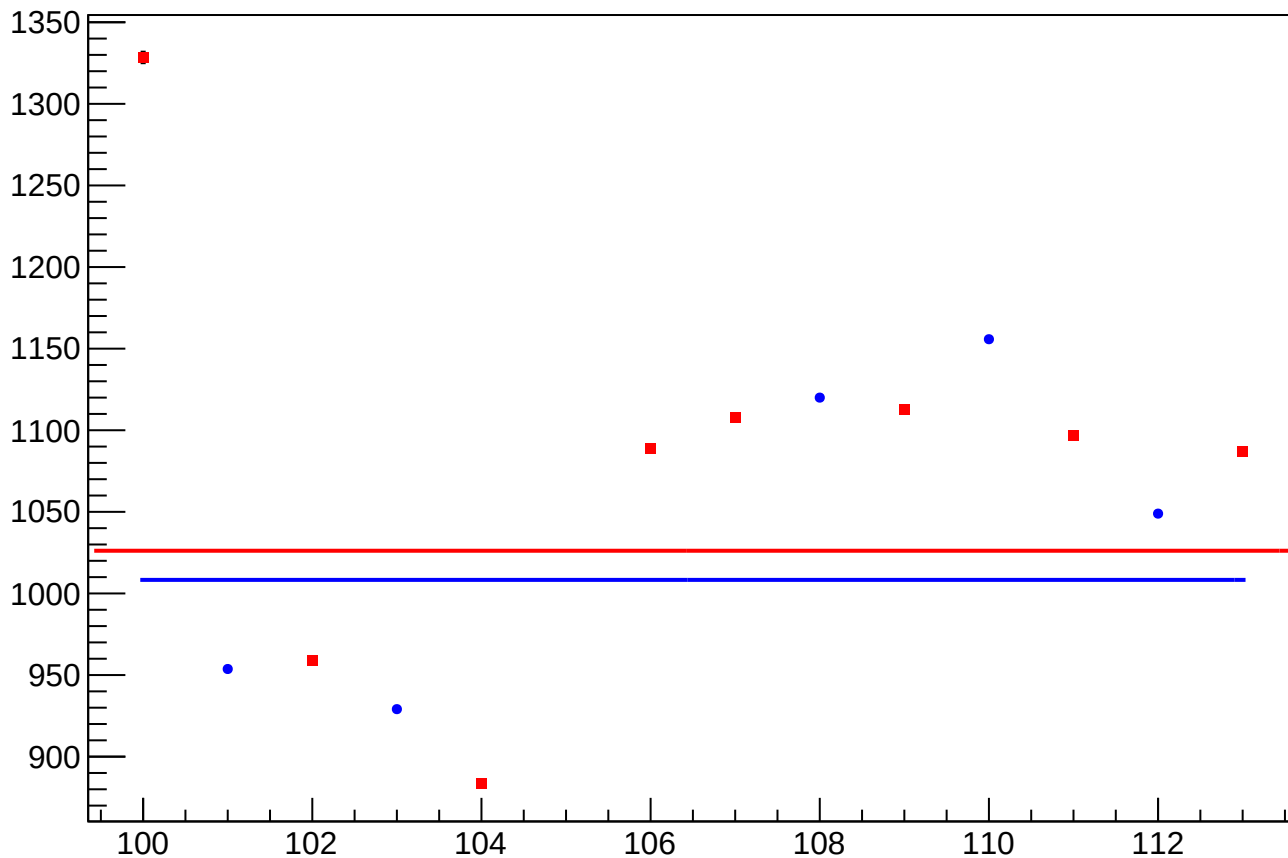
Right: -698.168+/-433.483 χ^2 /NDF: 12.4/12

In: -746.058+/-636.399 χ^2 /NDF:4.5/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -698.168+/-433.483 χ^2 /NDF: 12.4/12

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: 1026.172+/-0.419 χ^2/NDF : 56472.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

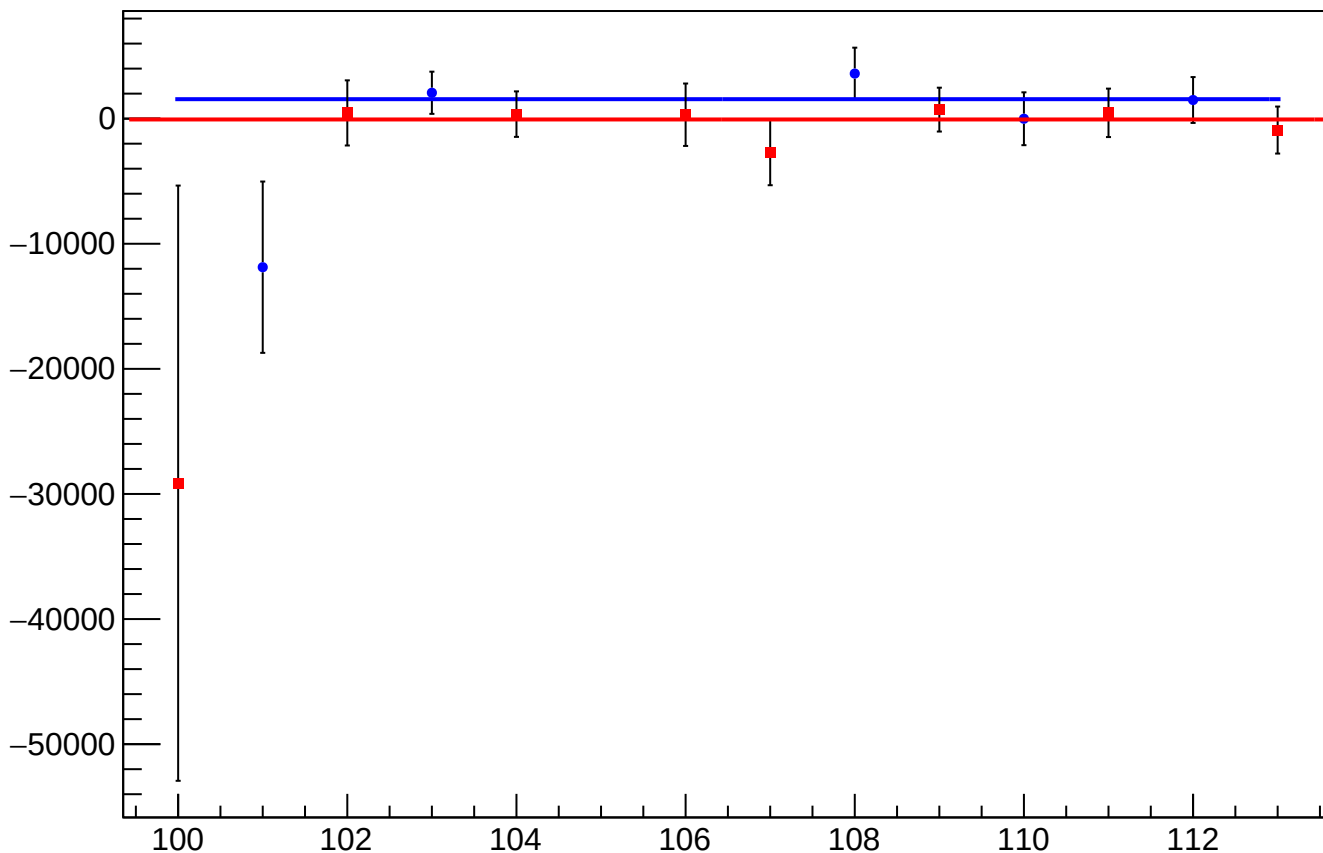
Right: 1017.886+/-0.307 χ^2/NDF : 91940.1/12

In: 1008.313+/-0.450 χ^2/NDF : 34623.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1017.886+/-0.307 χ^2/NDF : 91940.1/12

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: -65.212+/-783.080 χ^2/NDF : 3.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

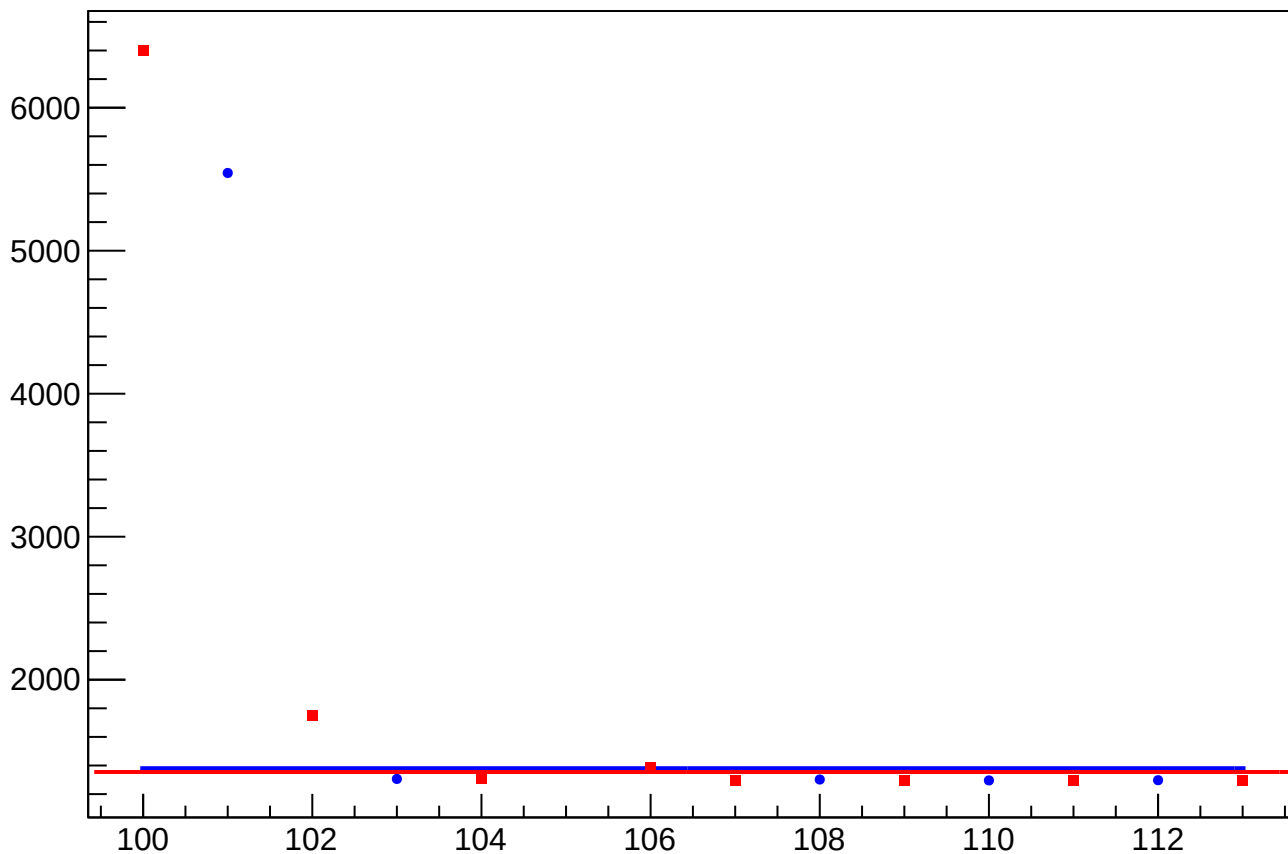
Right: 597.961+/-602.079 χ^2/NDF : 10.3/12

In: 1556.819+/-941.608 χ^2/NDF : 5.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 597.961+/-602.079 χ^2/NDF : 10.3/12

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: 1354.726+/-0.554 χ^2/NDF : 144568.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

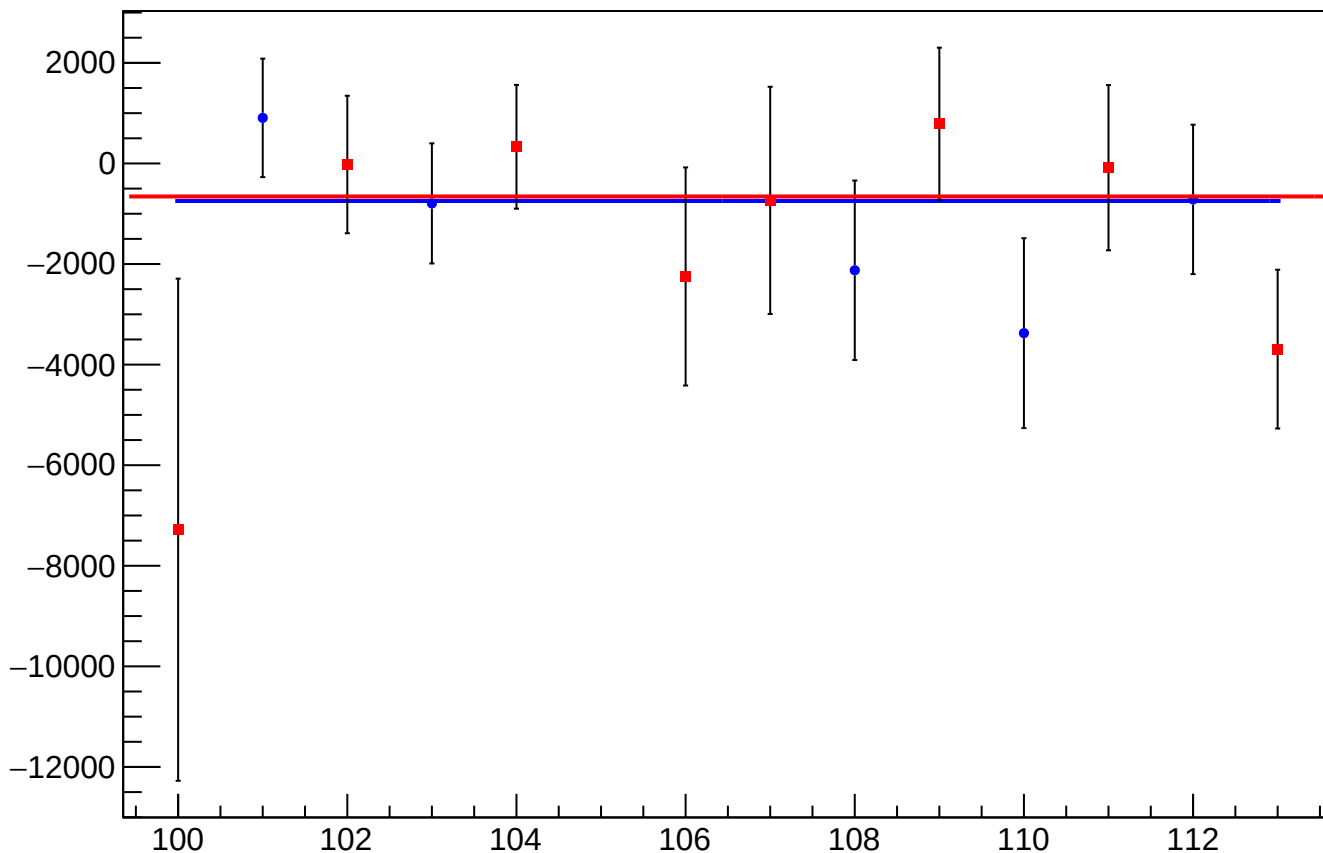
Right: 1365.505+/-0.426 χ^2/NDF : 899014.4/12

In: 1381.089+/-0.666 χ^2/NDF : 753519.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1365.505+/-0.426 χ^2/NDF : 899014.4/12

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: -656.718+/-592.074 χ^2 /NDF: 7.9/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

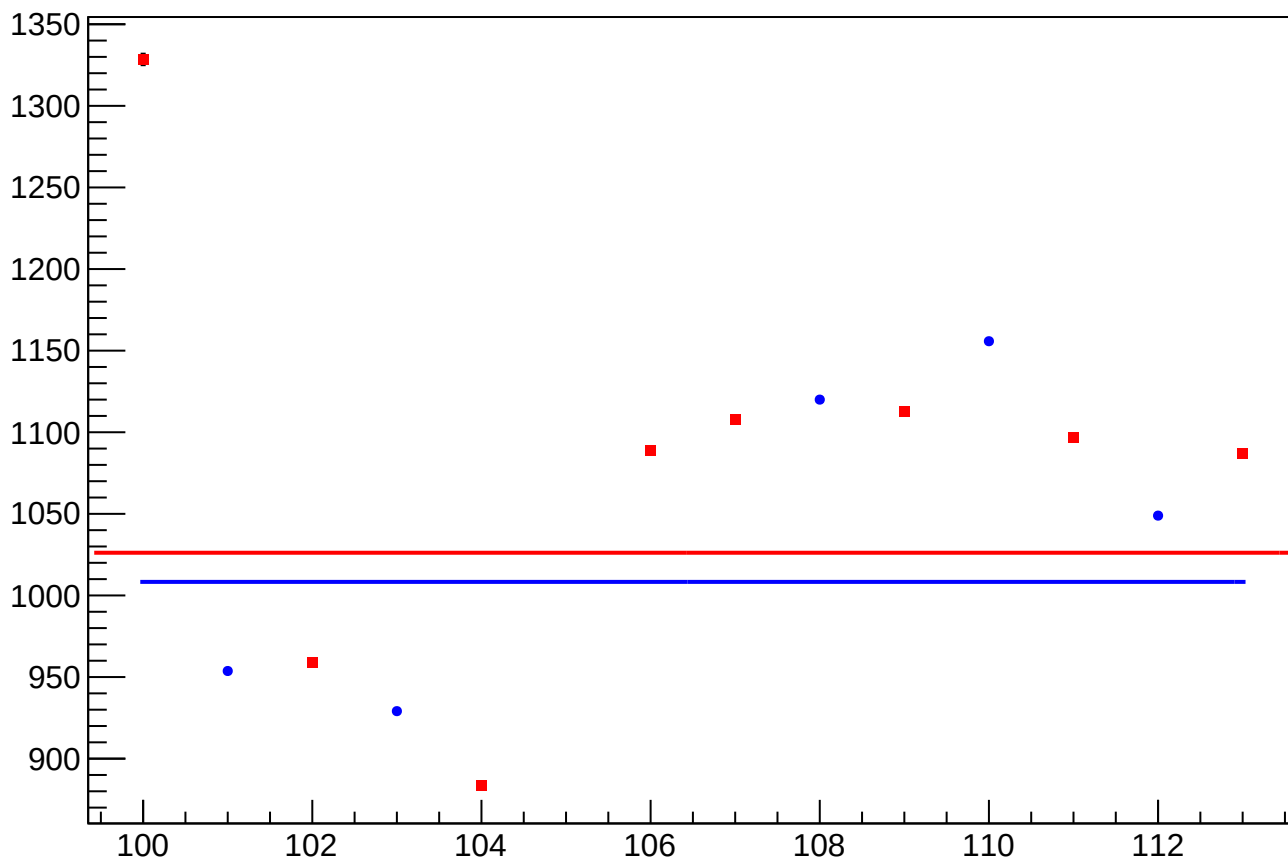
Right: -698.168+/-433.483 χ^2 /NDF: 12.4/12

In: -746.058+/-636.399 χ^2 /NDF:4.5/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -698.168+/-433.483 χ^2 /NDF: 12.4/12

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: 1026.172+/-0.419 χ^2/NDF : 56472.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

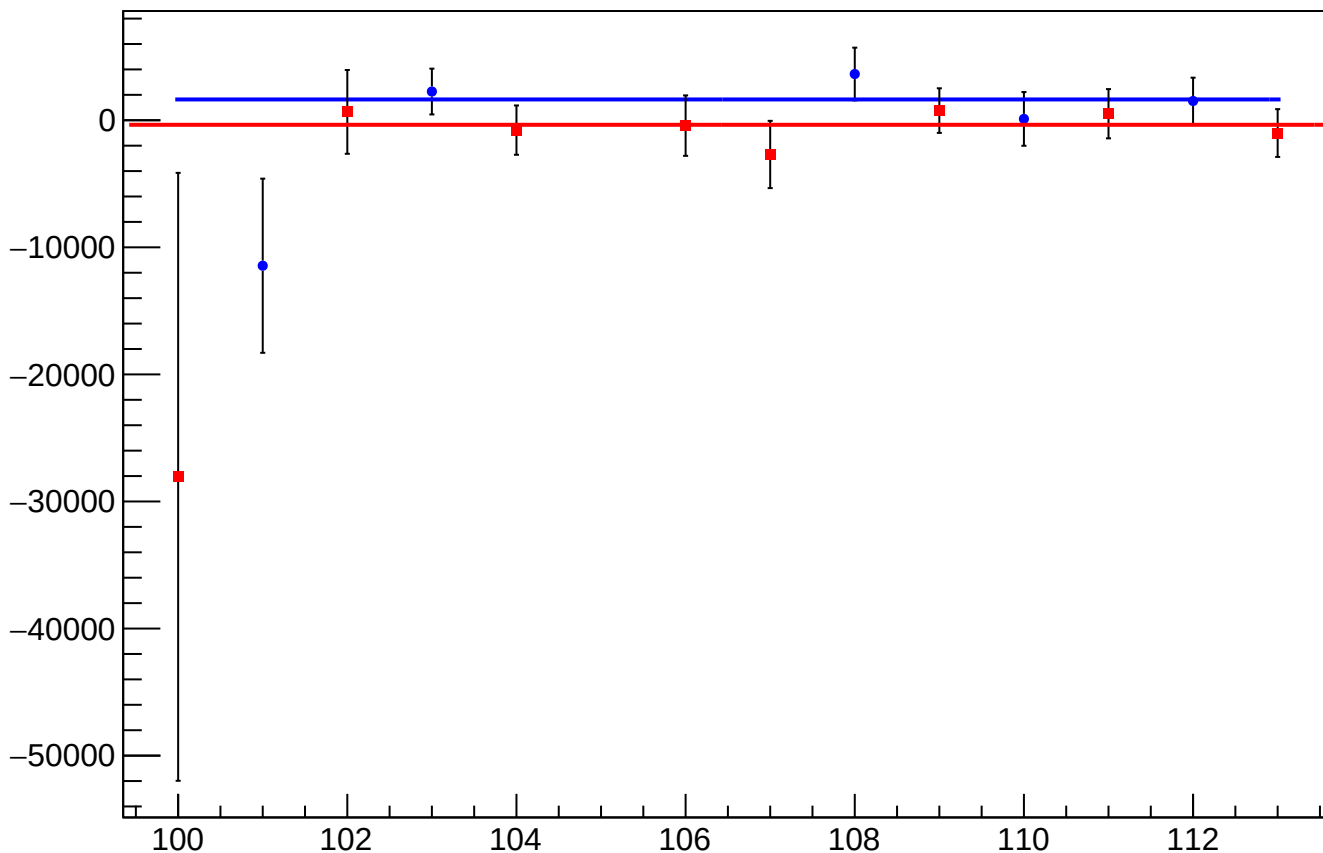
Right: 1017.886+/-0.307 χ^2/NDF : 91940.1/12

In: 1008.313+/-0.450 χ^2/NDF : 34623.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1017.886+/-0.307 χ^2/NDF : 91940.1/12

dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1636.492+/-960.848 χ^2/NDF : 5.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -357.081+/-802.432 χ^2/NDF : 3.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

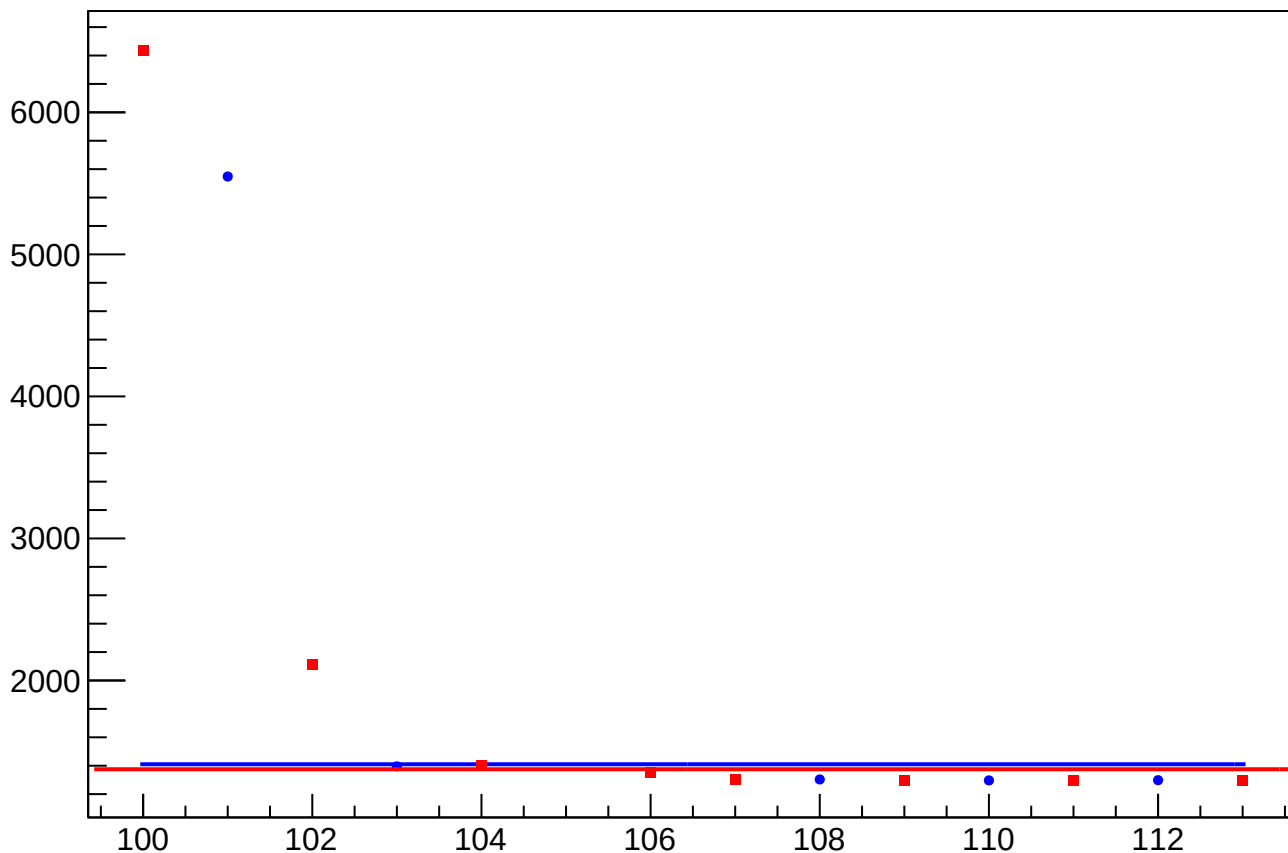
Right: 462.033+/-615.901 χ^2/NDF : 10.8/12

In: 1636.492+/-960.848 χ^2/NDF : 5.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 462.033+/-615.901 χ^2/NDF : 10.8/12

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: 1375.075+/-0.567 χ^2/NDF : 201560.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

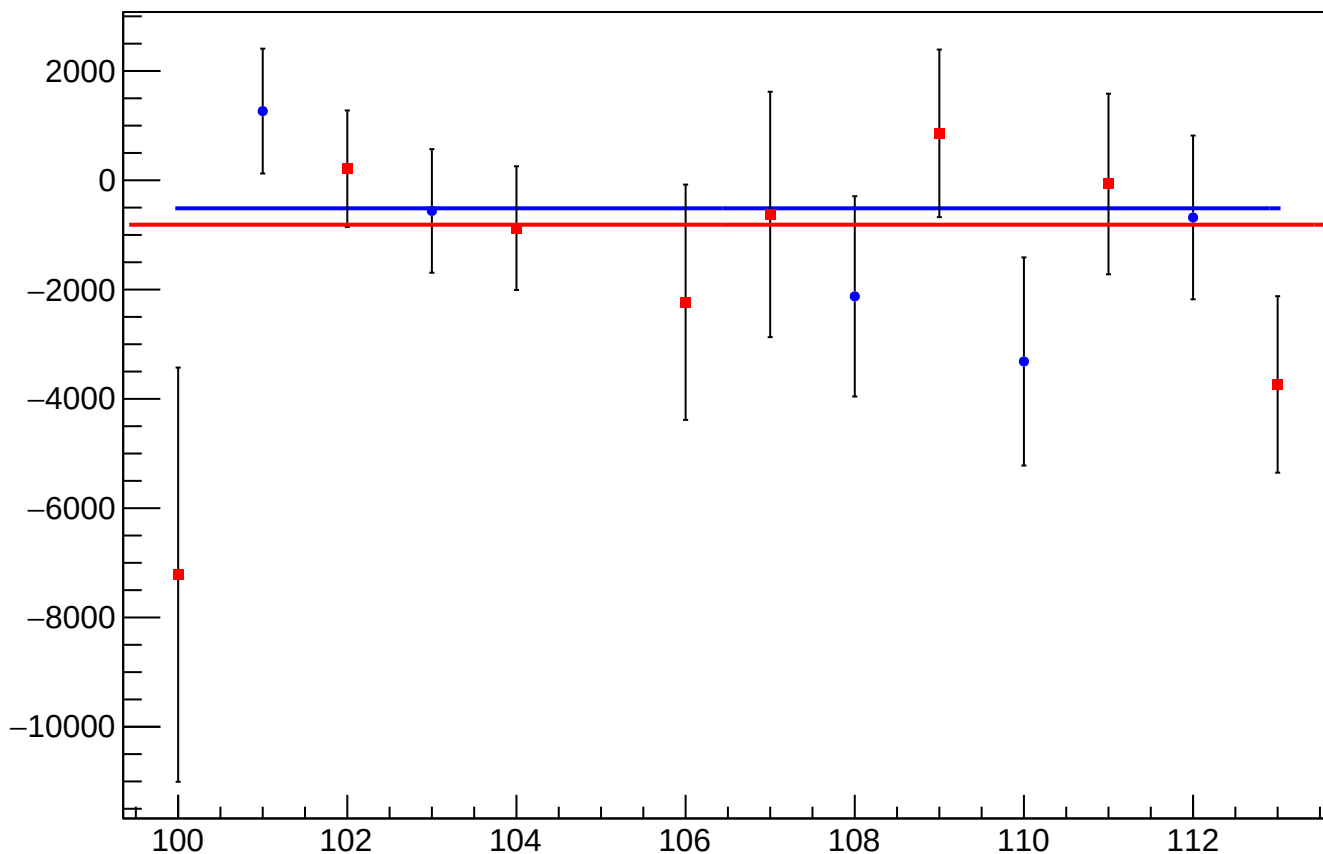
Right: 1389.528+/-0.436 χ^2/NDF : 951128.2/12

In: 1410.251+/-0.679 χ^2/NDF : 747988.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1389.528+/-0.436 χ^2/NDF : 951128.2/12

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: -812.914+/-548.903 χ^2/NDF : 8.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

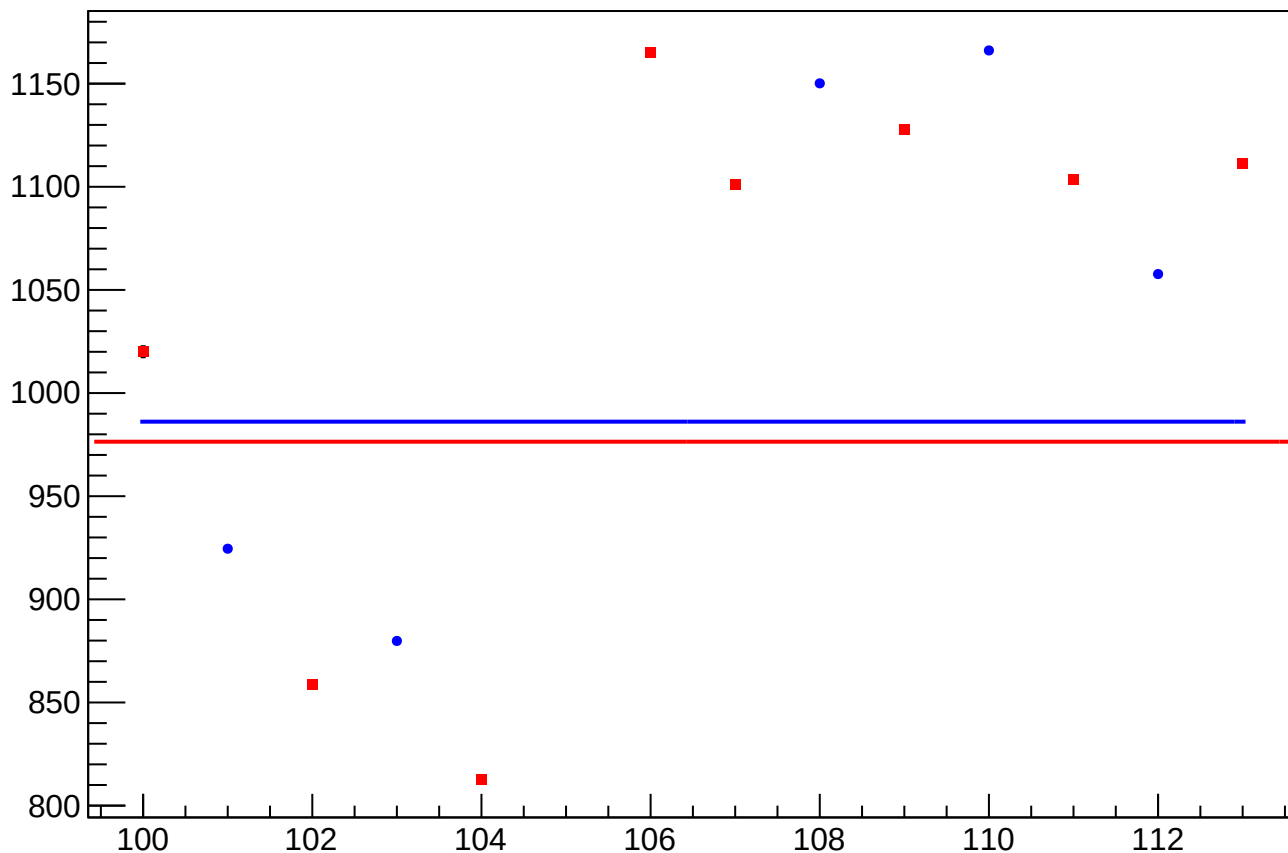
Right: -681.986+/-412.163 χ^2/NDF : 14.4/12

In: -512.739+/-624.079 χ^2/NDF : 5.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -681.986+/-412.163 χ^2/NDF : 14.4/12

asym_usr_atr1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 986.134 $\pm$ 0.441 χ^2 /NDF: 61921.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 976.417 $\pm$ 0.388 χ^2 /NDF: 133228.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

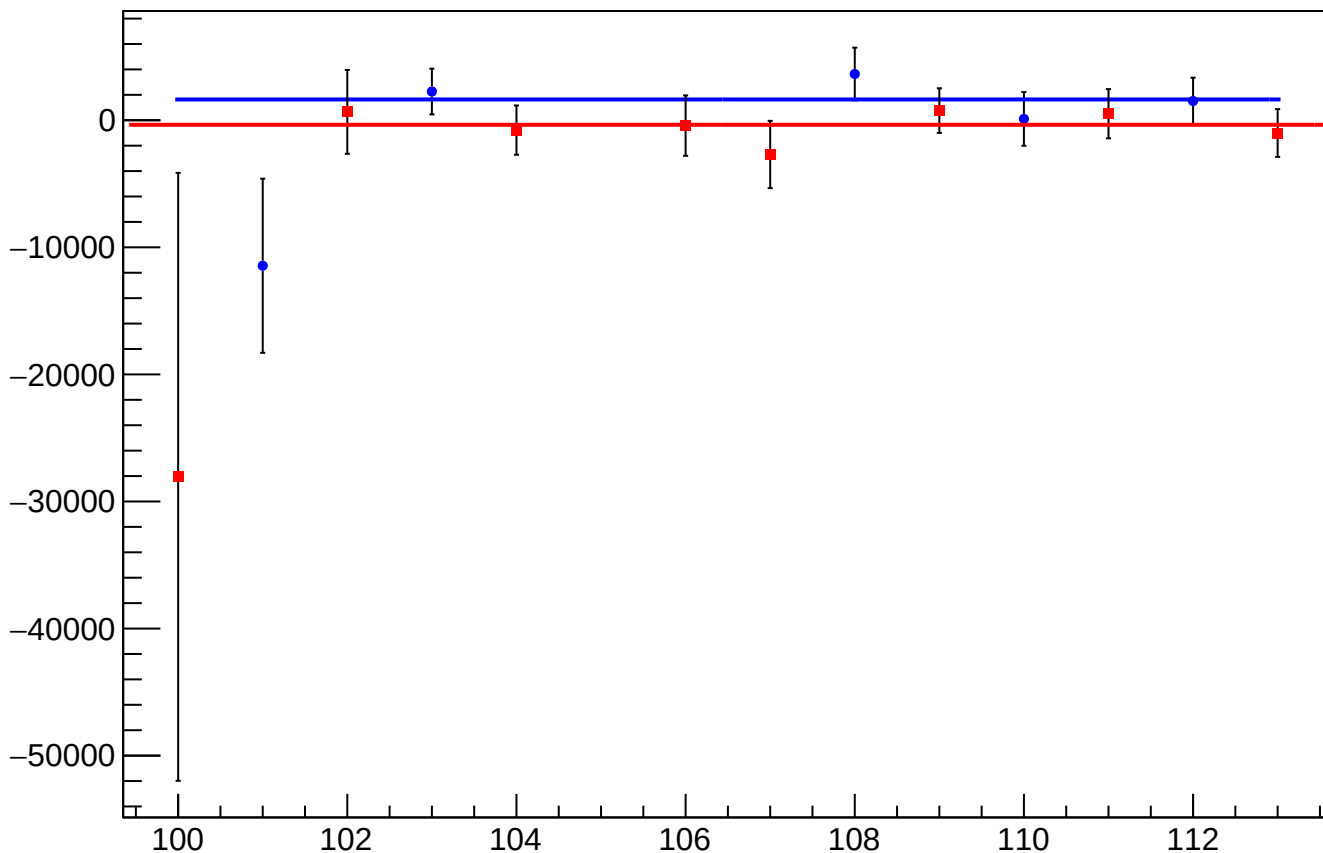
Right: 980.655 $\pm$ 0.291 χ^2 /NDF: 195423.4/12

In: 986.134 $\pm$ 0.441 χ^2 /NDF:61921.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 980.655 $\pm$ 0.291 χ^2 /NDF: 195423.4/12

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: -357.078+/-802.431 χ^2/NDF : 3.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

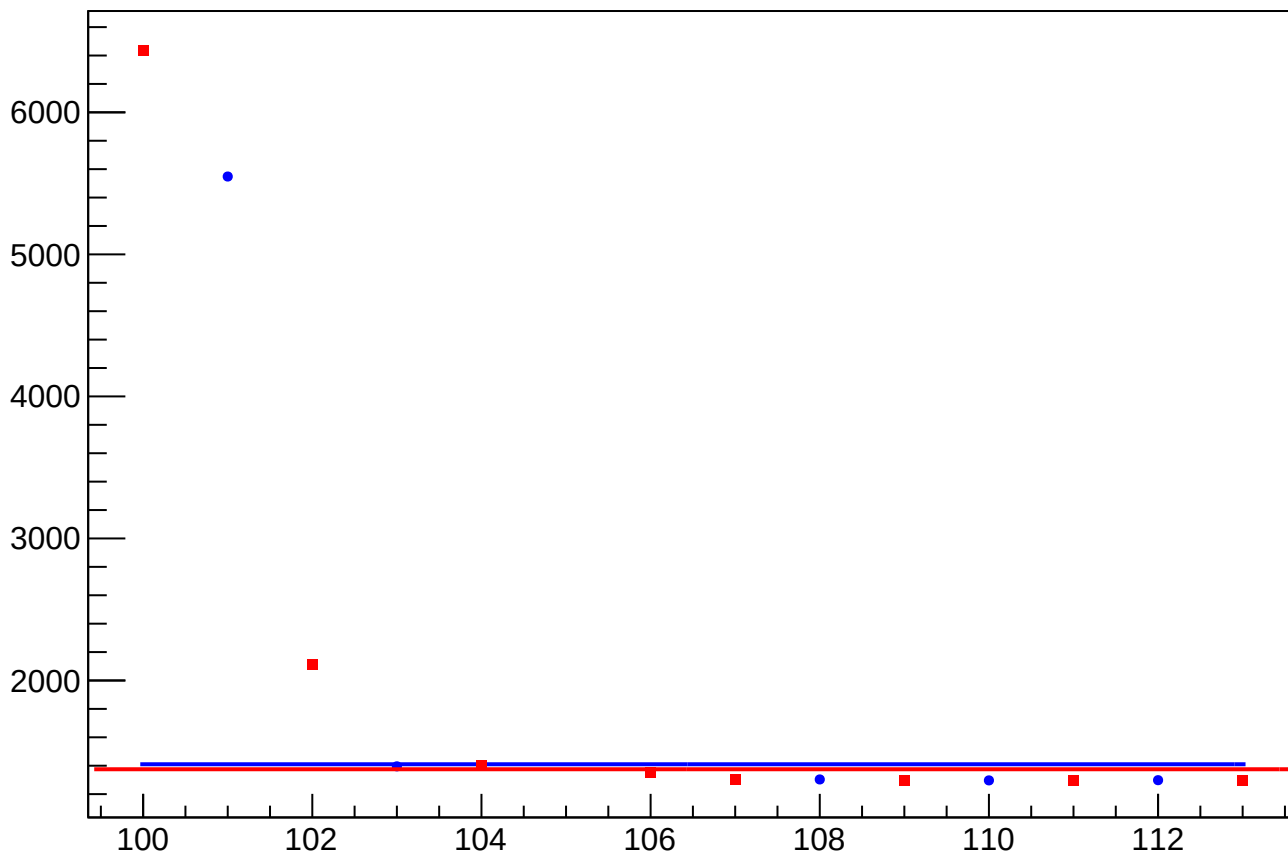
Right: 462.036+/-615.901 χ^2/NDF : 10.8/12

In: 1636.494+/-960.847 χ^2/NDF : 5.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 462.036+/-615.901 χ^2/NDF : 10.8/12

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: 1375.075+/-0.567 χ^2/NDF : 201560.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

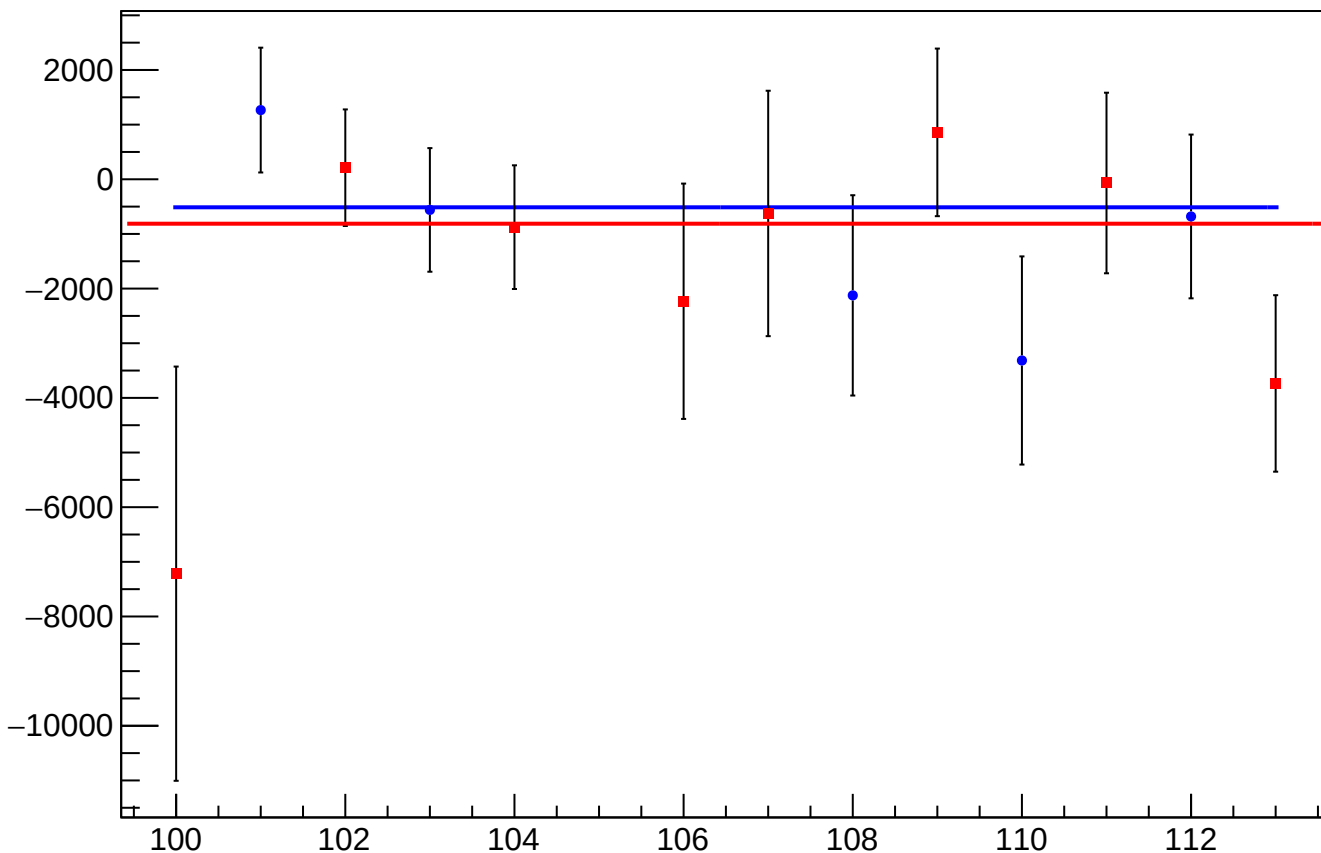
Right: 1389.528+/-0.436 χ^2/NDF : 951128.2/12

In: 1410.251+/-0.679 χ^2/NDF : 747988.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1389.528+/-0.436 χ^2/NDF : 951128.2/12

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: -812.915+/-548.903 χ^2/NDF : 8.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

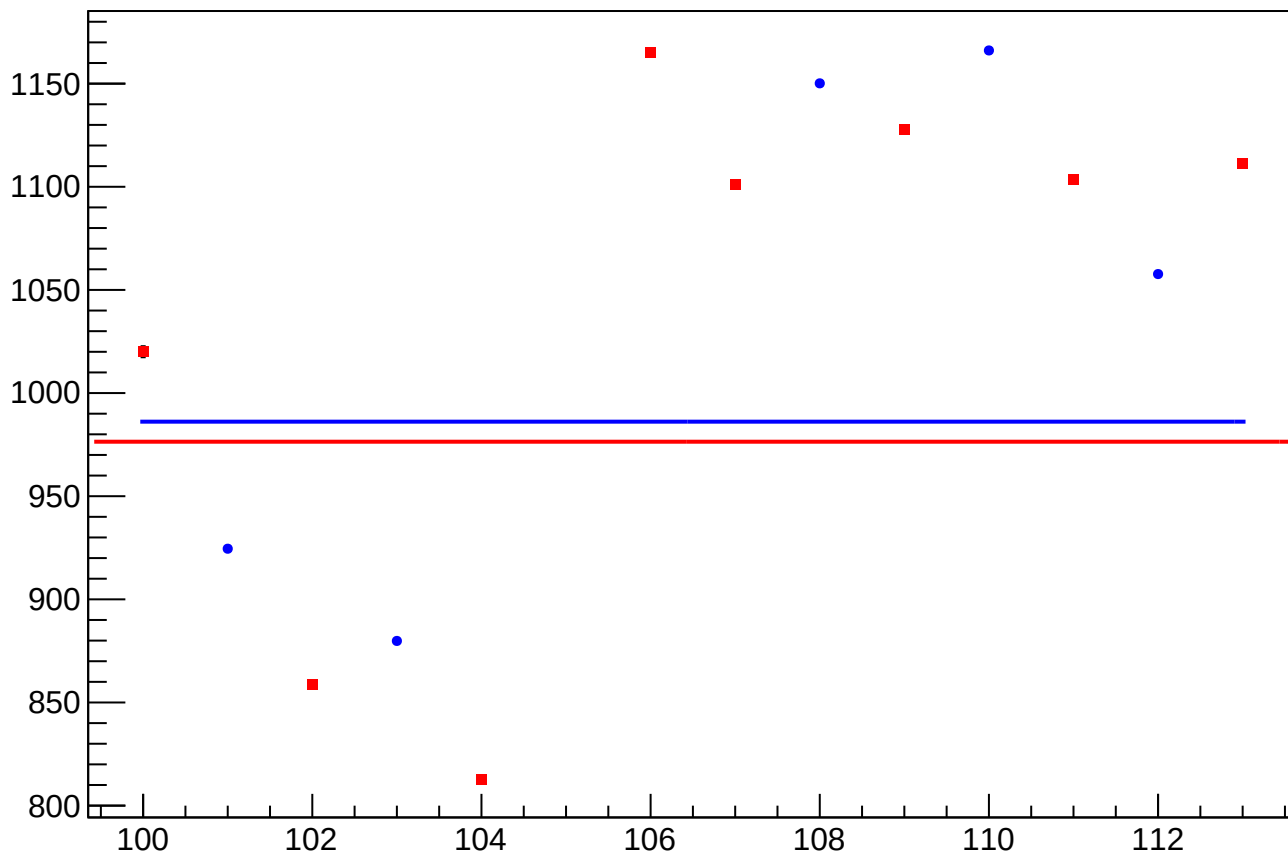
Right: -681.987+/-412.163 χ^2/NDF : 14.4/12

In: -512.740+/-624.079 χ^2/NDF : 5.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -681.987+/-412.163 χ^2/NDF : 14.4/12

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: 976.418+/-0.388 χ^2/NDF : 133224.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

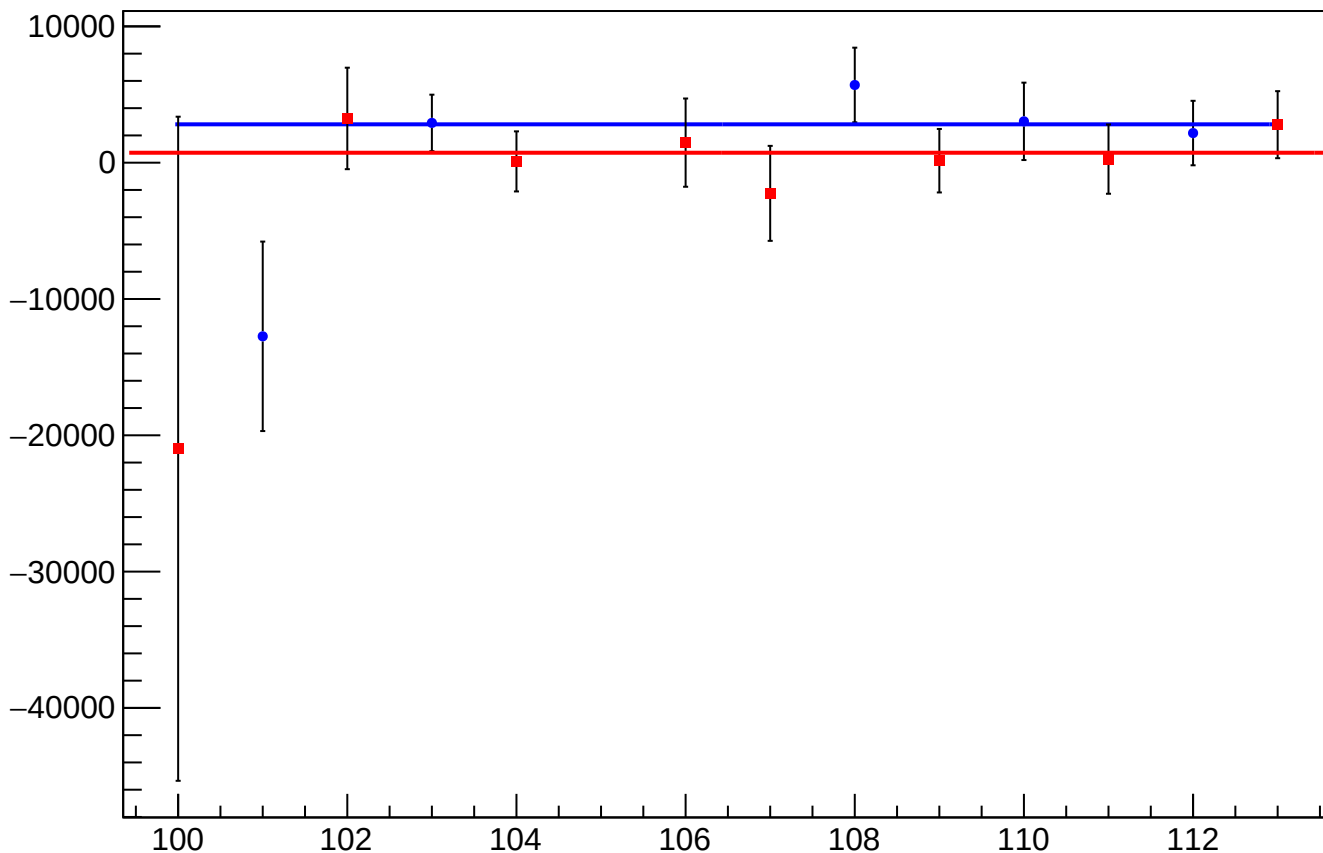
Right: 980.655+/-0.291 χ^2/NDF : 195417.6/12

In: 986.133+/-0.441 χ^2/NDF : 61919.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 980.655+/-0.291 χ^2/NDF : 195417.6/12

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: 730.004+/-1019.561 χ^2 /NDF: 2.9/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

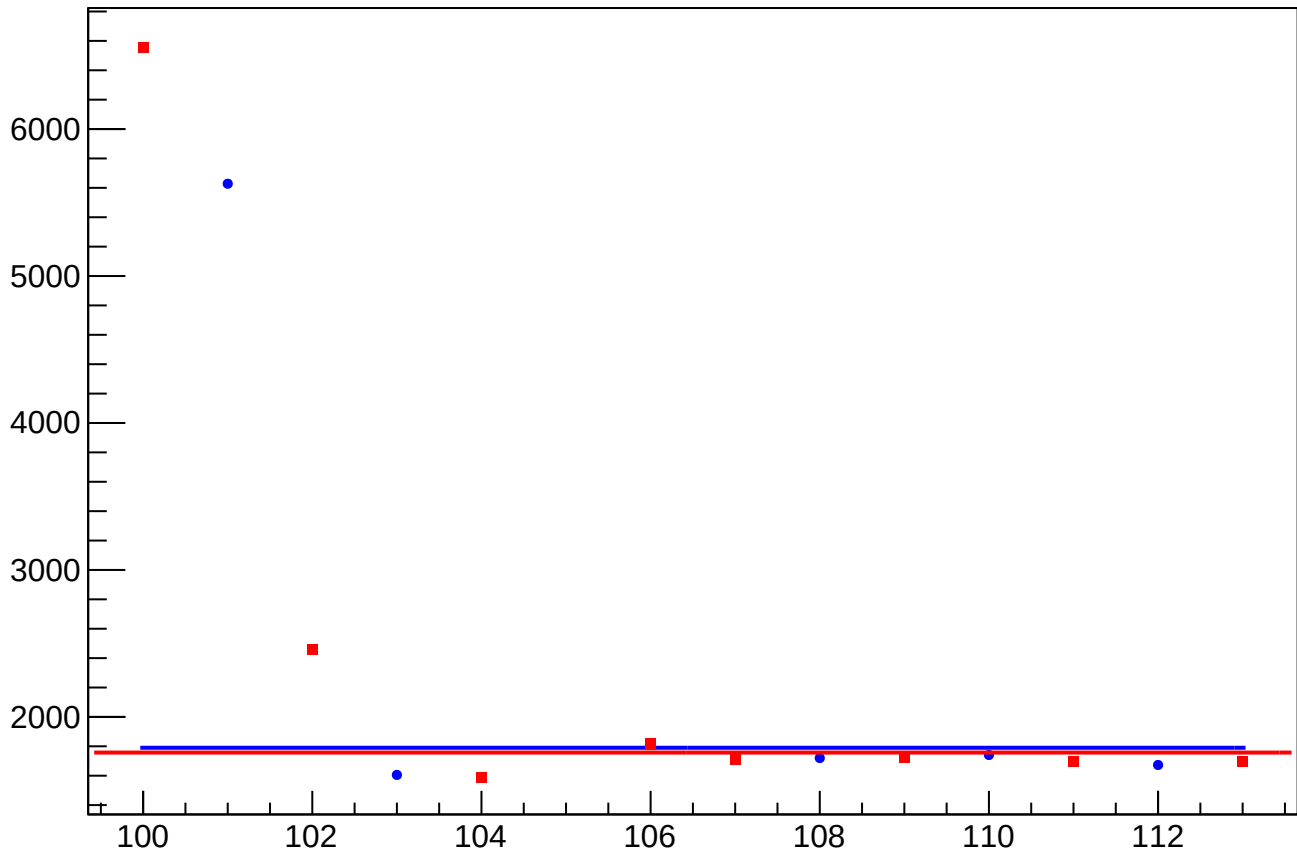
Right: 1600.716+/-777.990 χ^2 /NDF: 10.9/12

In: 2814.377+/-1203.718 χ^2 /NDF:6.2/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1600.716+/-777.990 χ^2 /NDF: 10.9/12

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: 1757.477+/-0.721 χ^2/NDF : 164048.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

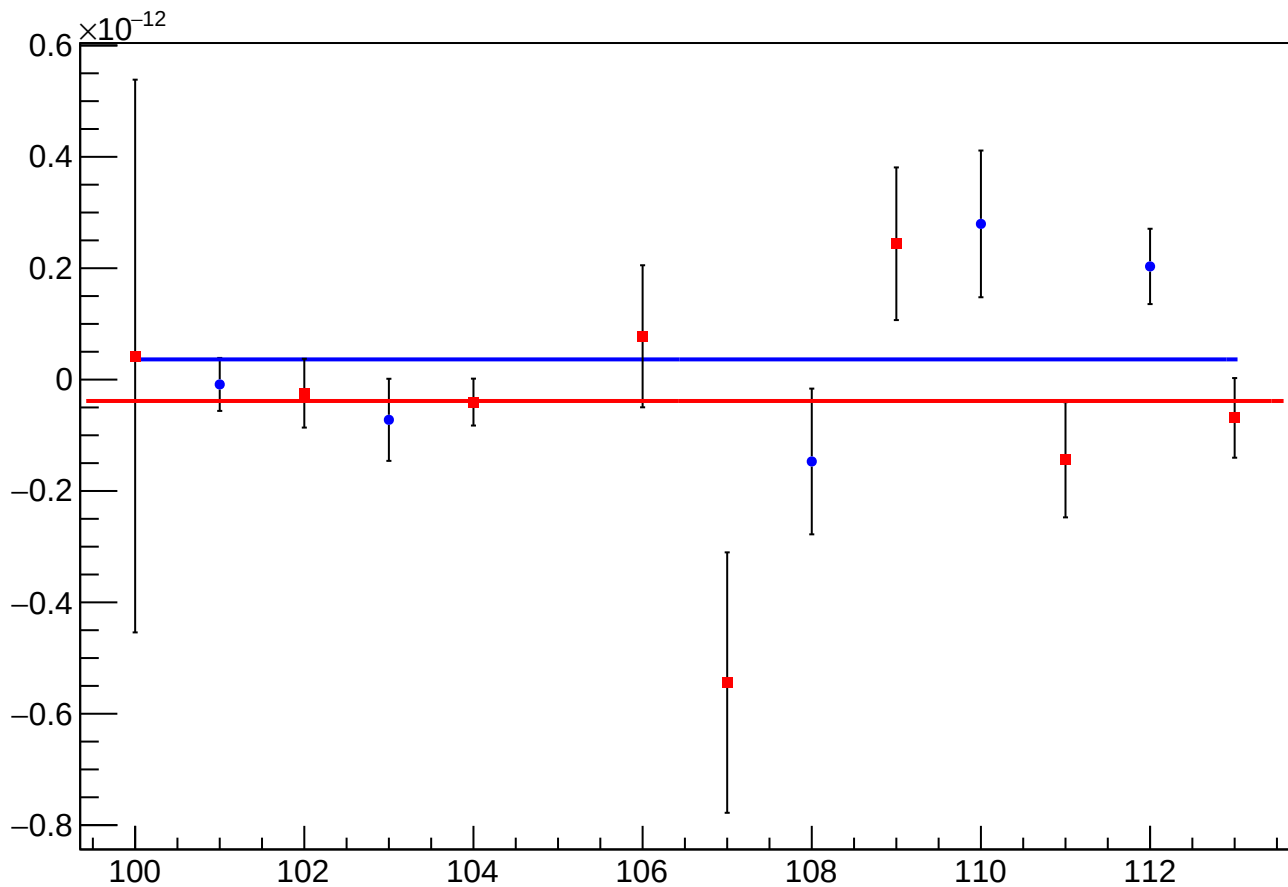
Right: 1771.110+/-0.550 χ^2/NDF : 797416.1/12

In: 1790.112+/-0.851 χ^2/NDF : 632511.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1771.110+/-0.550 χ^2/NDF : 797416.1/12

asym_usr_atr1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

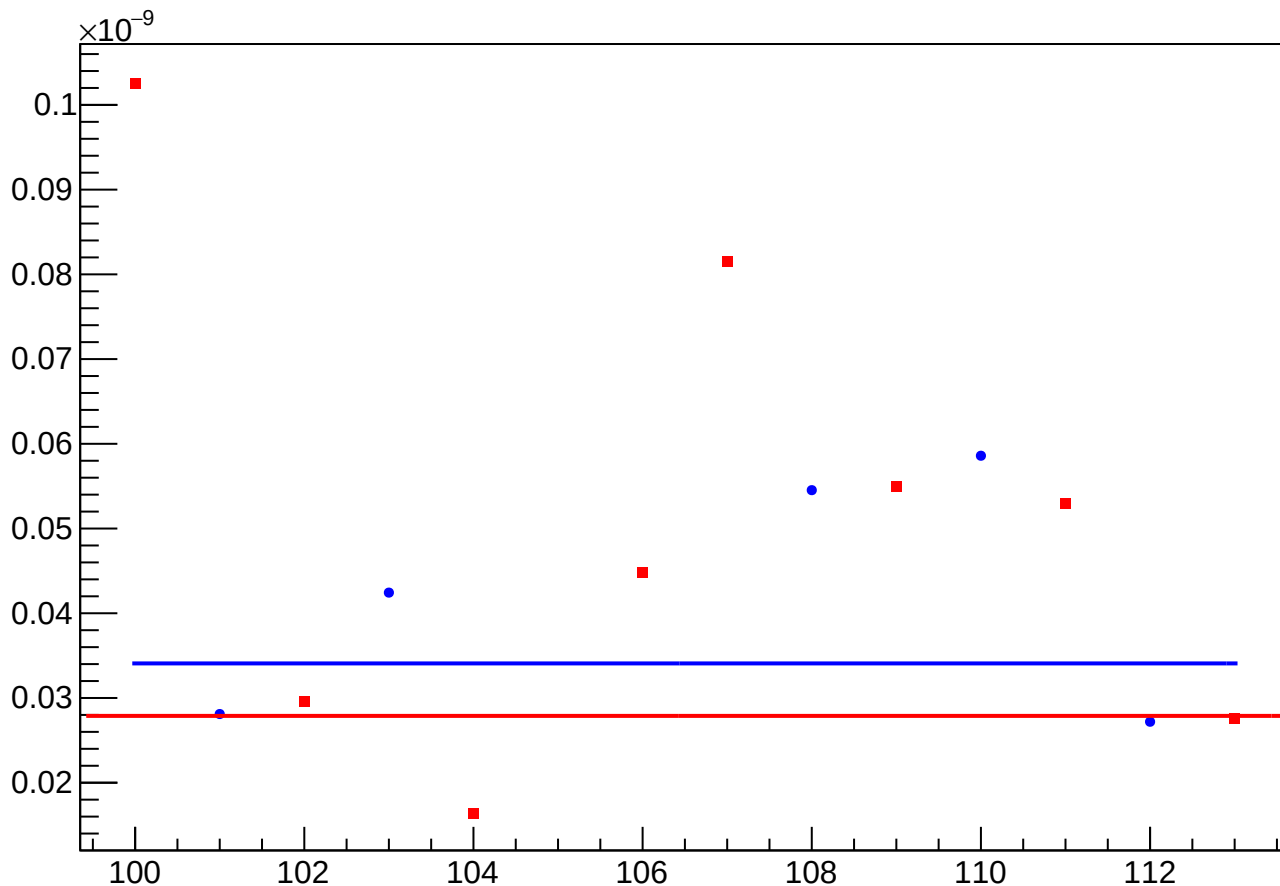
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 28.6/12

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 28.6/12

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 : 533239.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

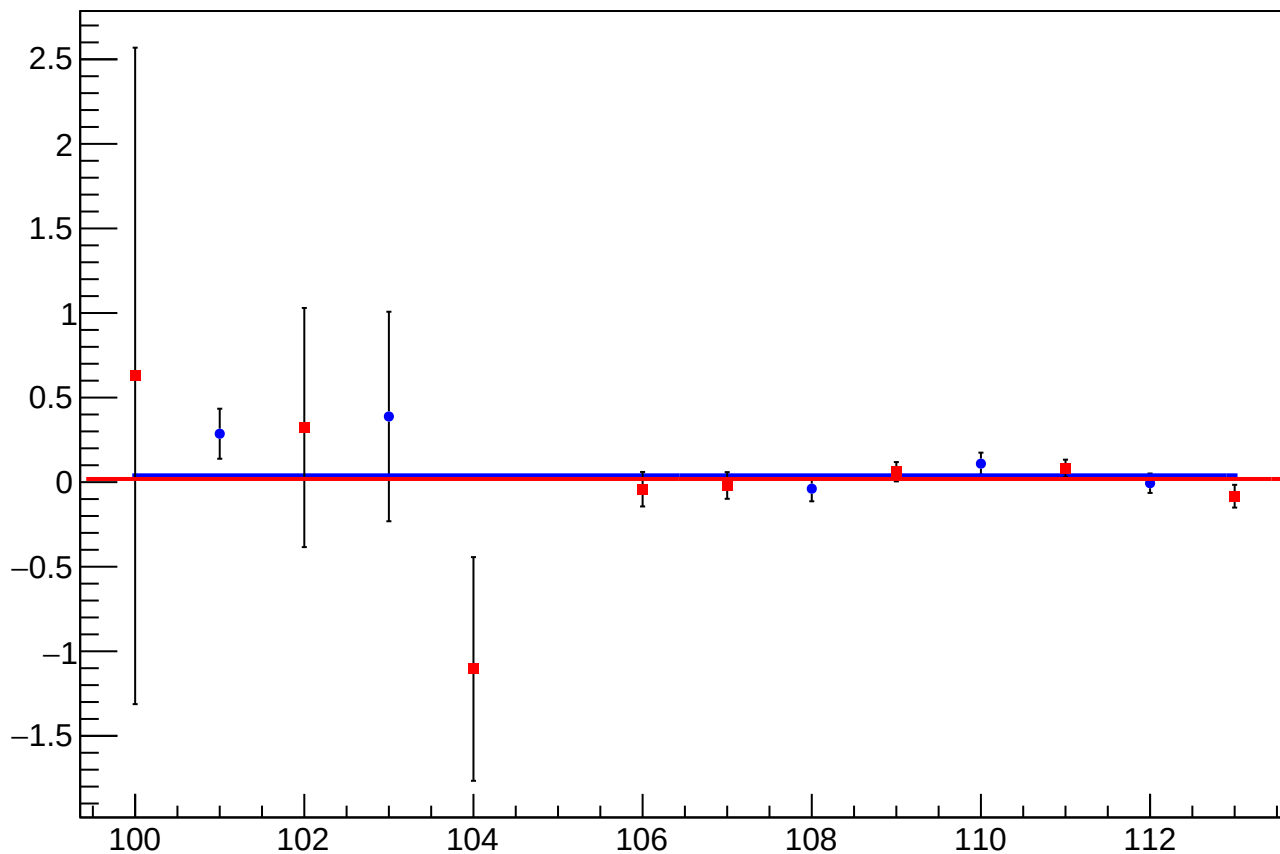
Right: 0.000+/-0.000 χ^2/NDF : 771026.3/12

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 : 771026.3/12

asym_usr_atr1_dd_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: 0.019 $\pm$ 0.029 χ^2 /NDF: 8.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

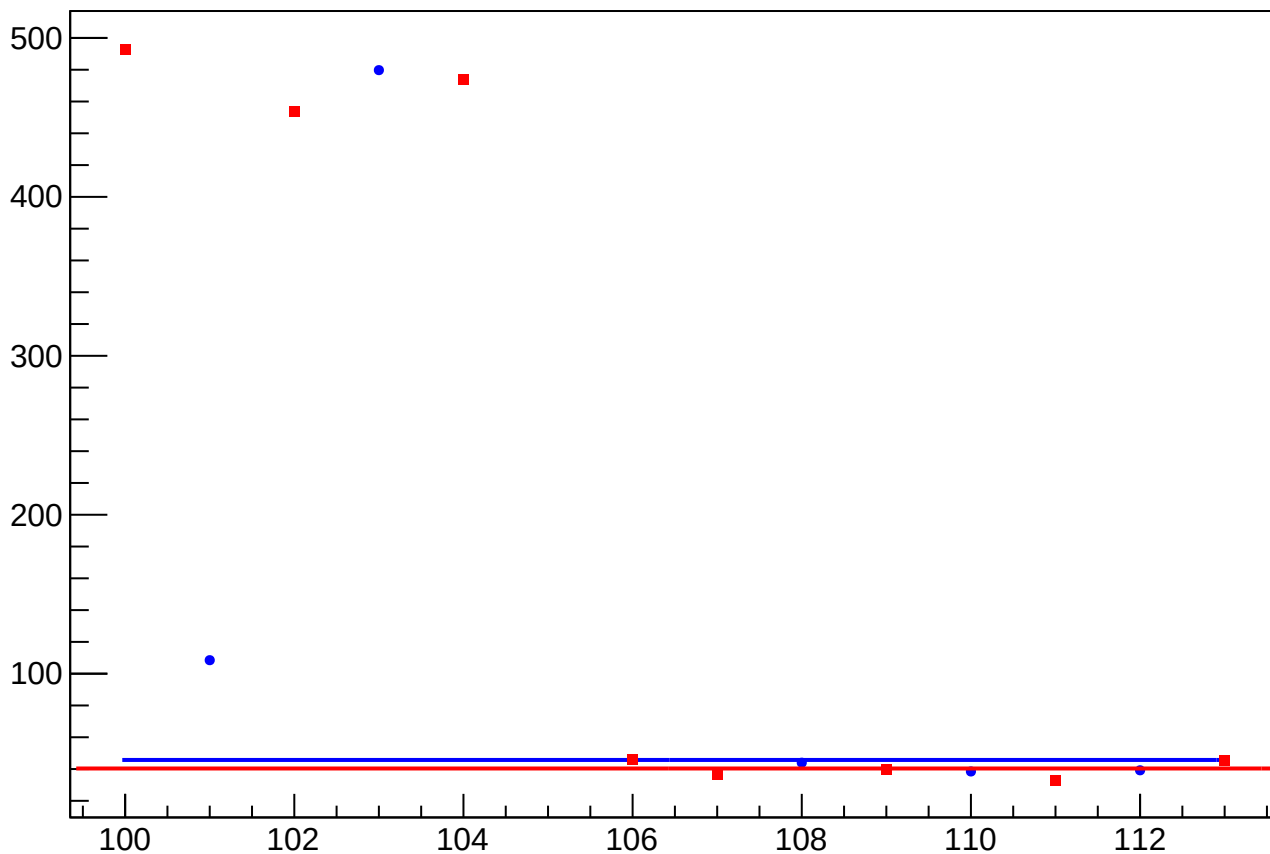
Right: 0.027 $\pm$ 0.023 χ^2 /NDF: 14.2/12

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: 0.027 $\pm$ 0.023 χ^2 /NDF: 14.2/12

asym_usr_atr1_dd_dit_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: 40.347+/-0.021 χ^2/NDF : 1715879.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

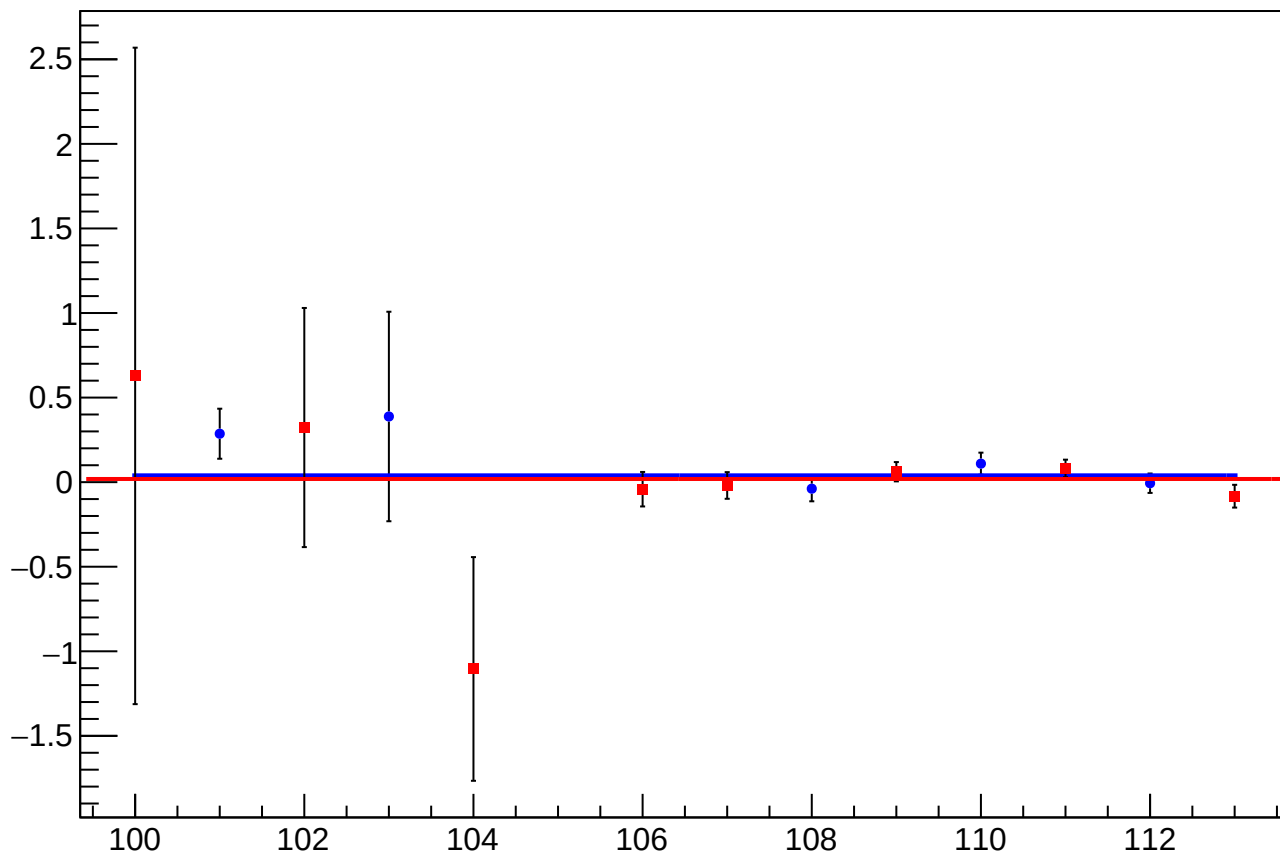
Right: 42.487+/-0.016 χ^2/NDF : 3136471.1/12

In: 45.720+/-0.026 χ^2/NDF : 1393909.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.487+/-0.016 χ^2/NDF : 3136471.1/12

asym_usr_atr1_dd_dit_vs_eigen_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: 0.019+/-0.029 χ^2/NDF : 8.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

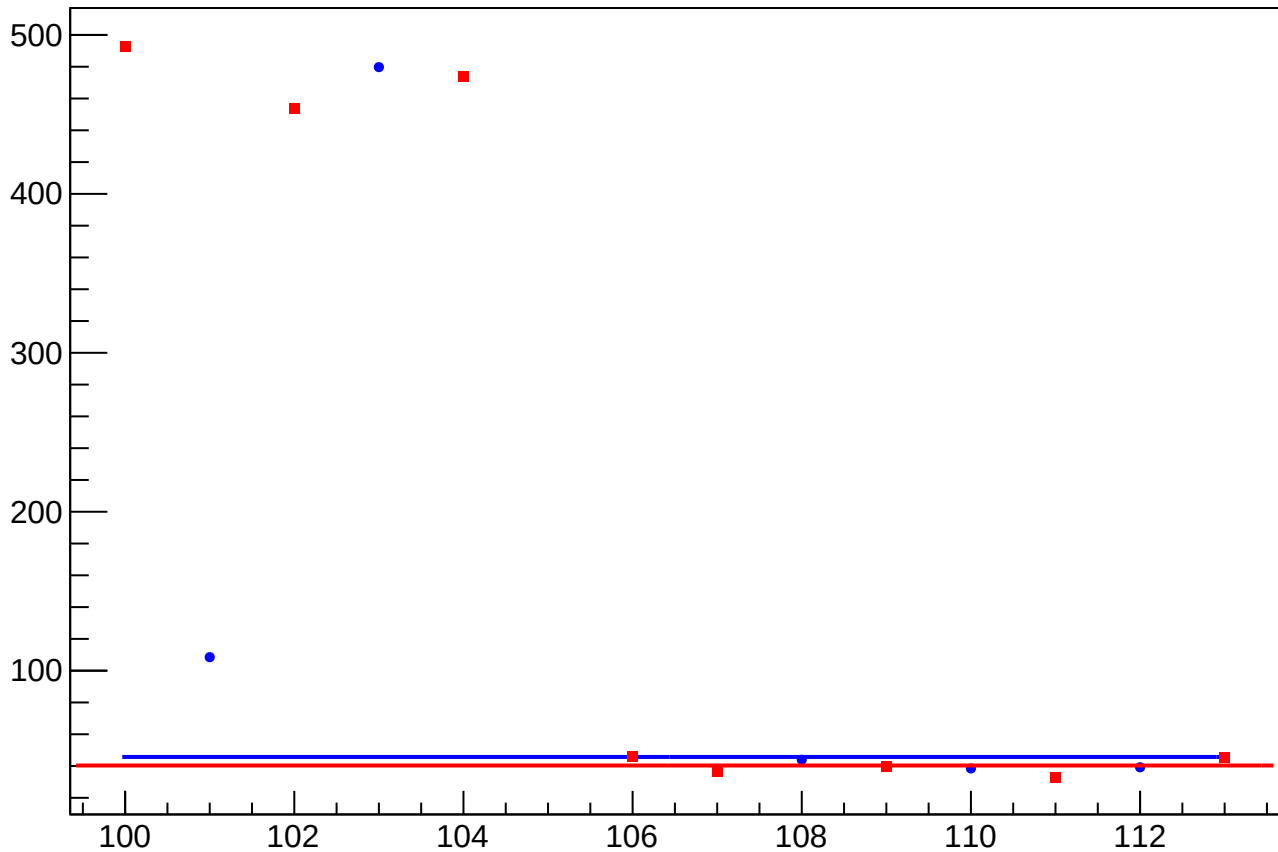
Right: 0.027+/-0.023 χ^2/NDF : 14.2/12

In: 0.040+/-0.036 χ^2/NDF : 6.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.027+/-0.023 χ^2/NDF : 14.2/12

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: 40.347+/-0.021 χ^2/NDF : 1715879.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

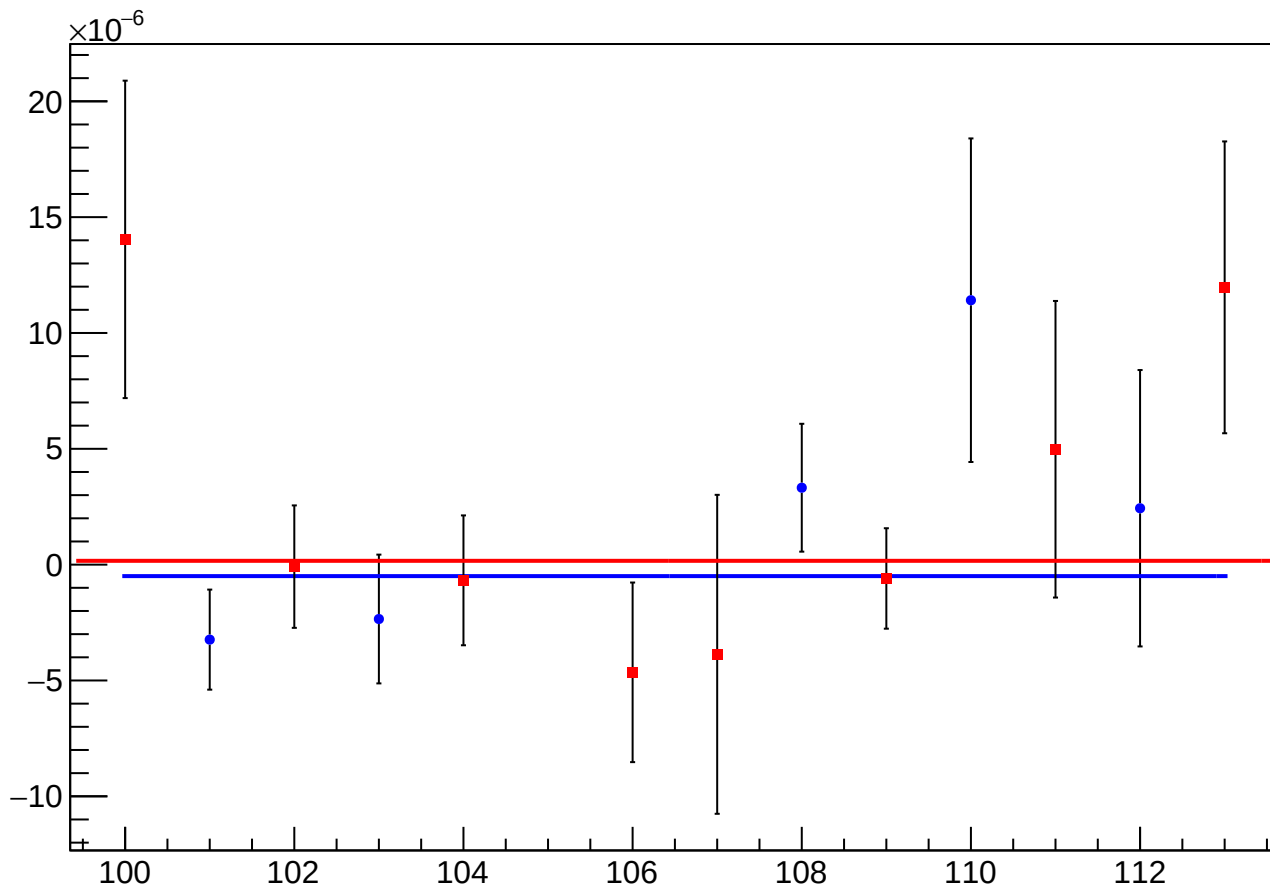
Right: 42.487+/-0.016 χ^2/NDF : 3136471.1/12

In: 45.720+/-0.026 χ^2/NDF : 1393909.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.487+/-0.016 χ^2/NDF : 3136471.1/12

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 : 10.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

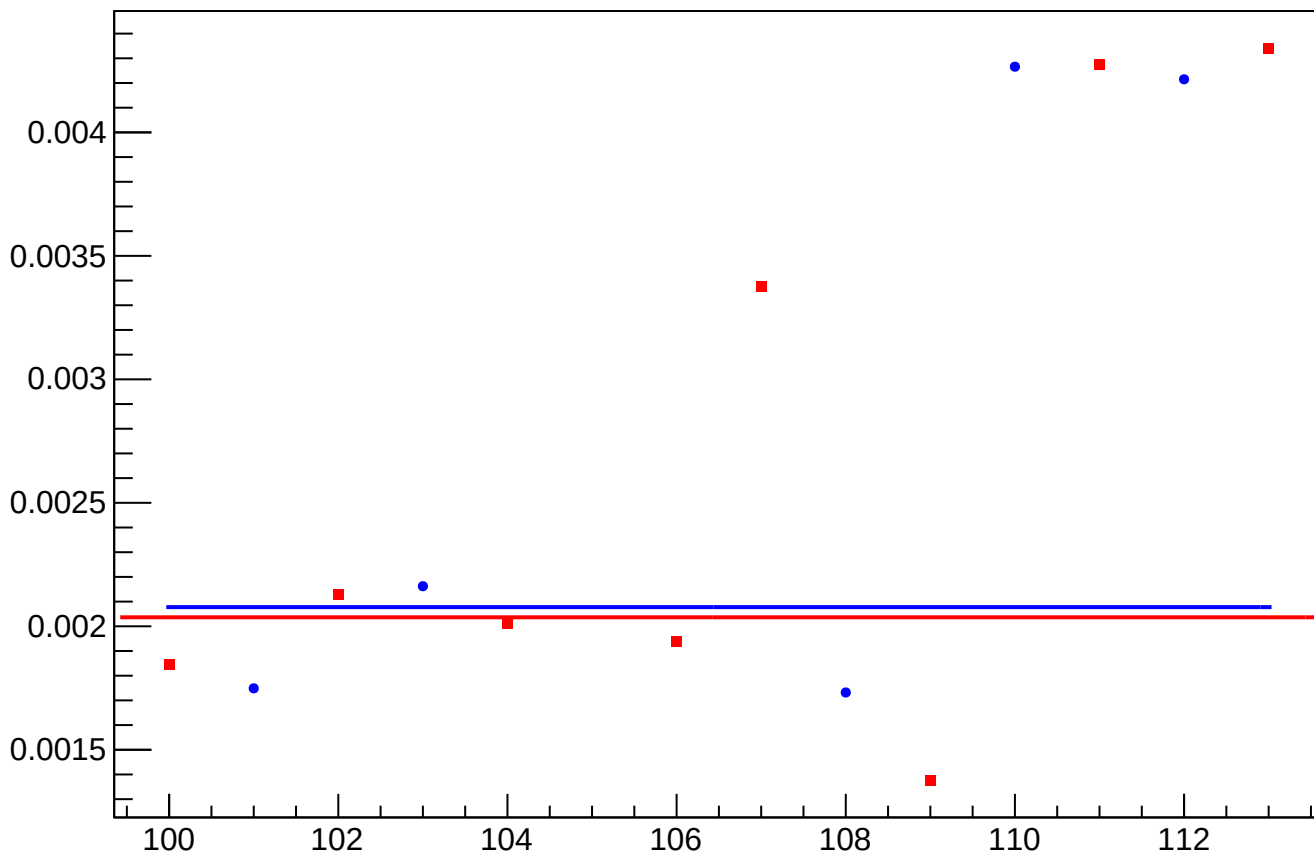
Right: -0.000+/-0.000 χ^2/NDF : 17.5/12

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 : 17.5/12

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 : 778684.8/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

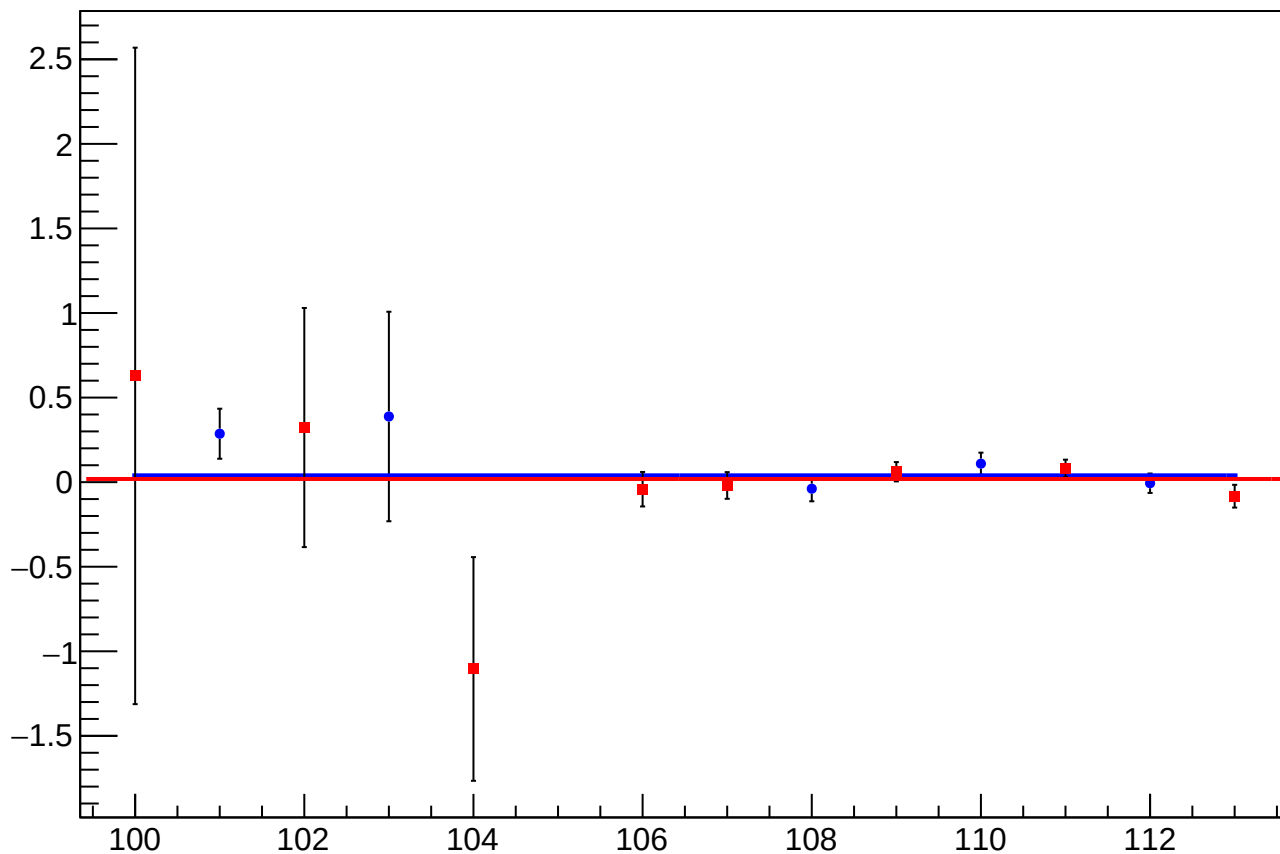
Right: 0.002+/-0.000 χ^2/NDF : 1312408.3/12

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 : 1312408.3/12

asym_usr_atr1_dd_eigen_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: 0.019+/-0.029 χ^2/NDF : 8.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

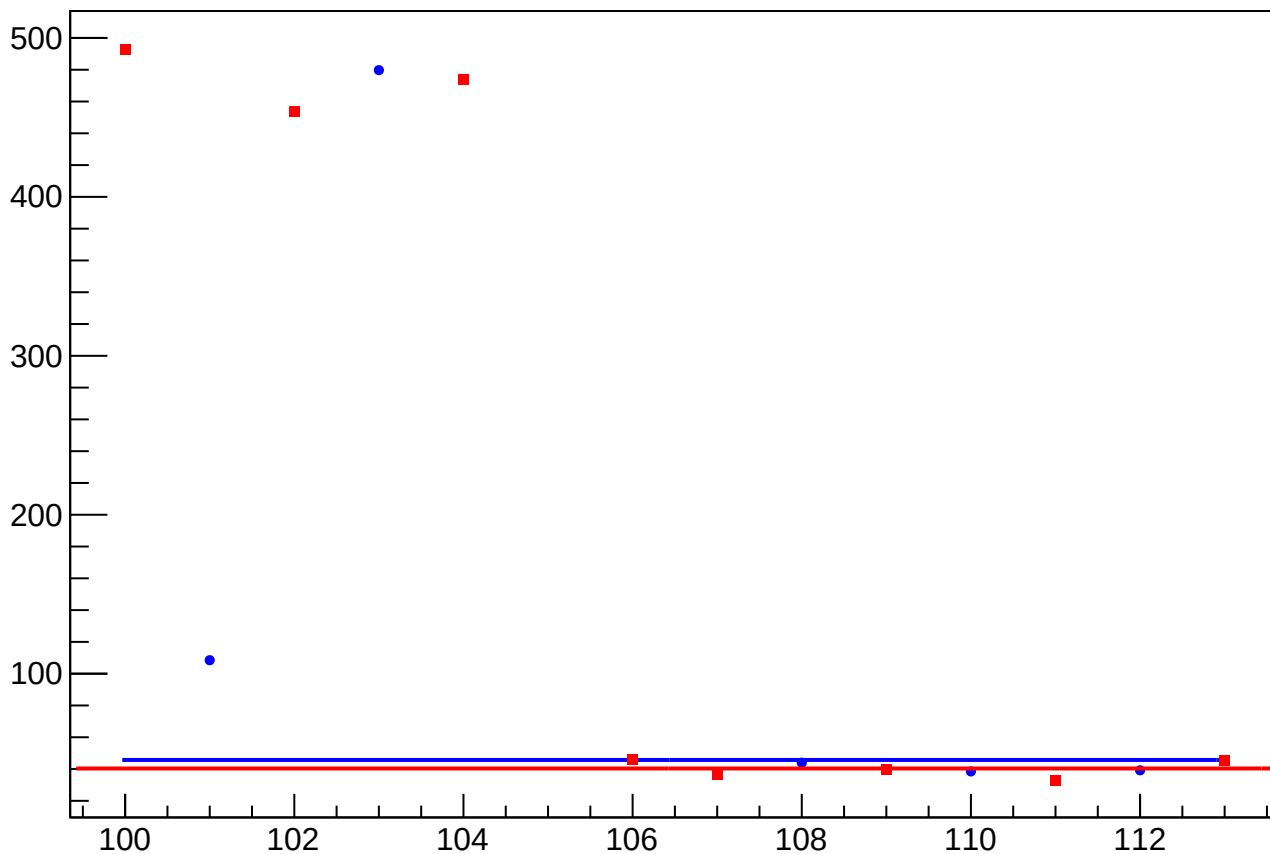
Right: 0.027+/-0.023 χ^2/NDF : 14.2/12

In: 0.040+/-0.036 χ^2/NDF : 6.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.027+/-0.023 χ^2/NDF : 14.2/12

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: 40.347+/-0.021 χ^2/NDF : 1715877.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

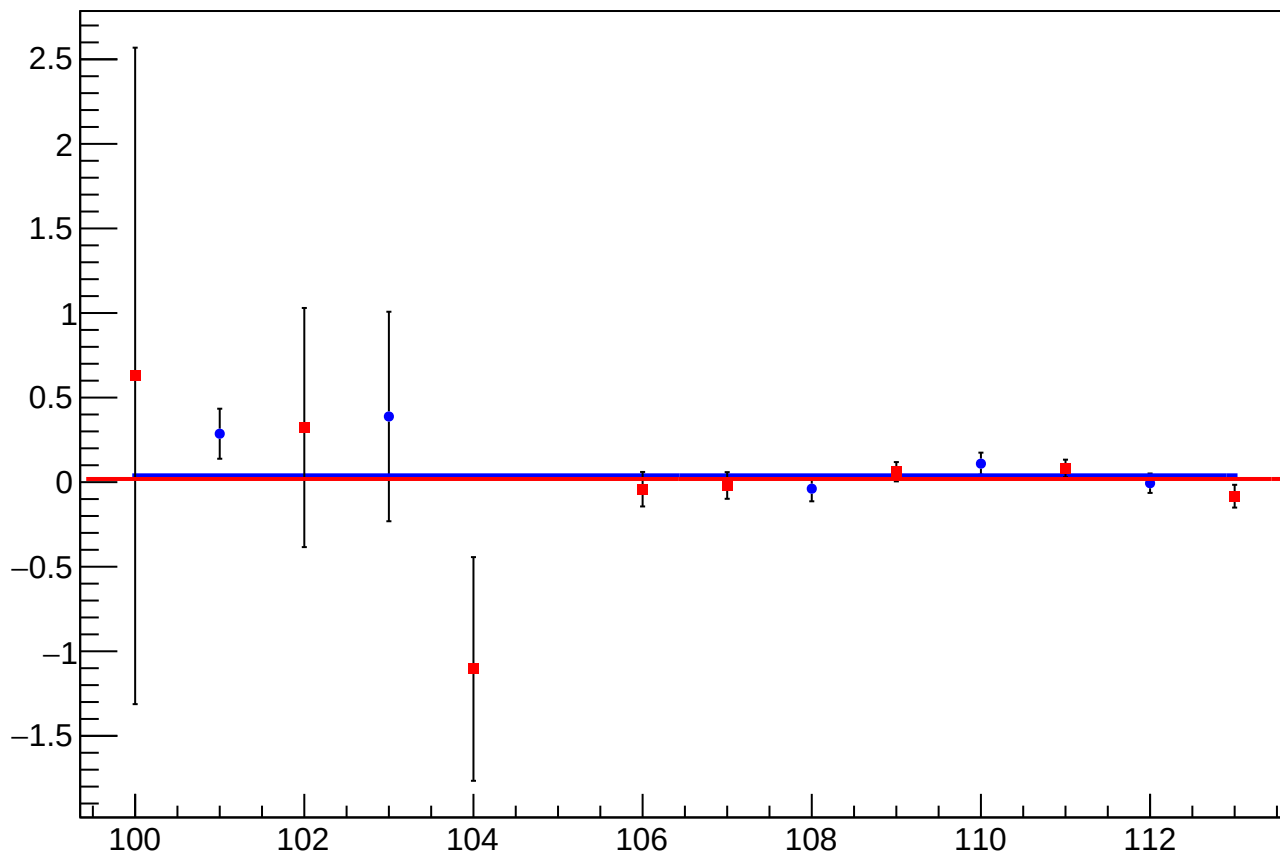
Right: 42.487+/-0.016 χ^2/NDF : 3136478.4/12

In: 45.719+/-0.026 χ^2/NDF : 1393916.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.487+/-0.016 χ^2/NDF : 3136478.4/12

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: 0.019 $\pm$ 0.029 χ^2 /NDF: 8.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

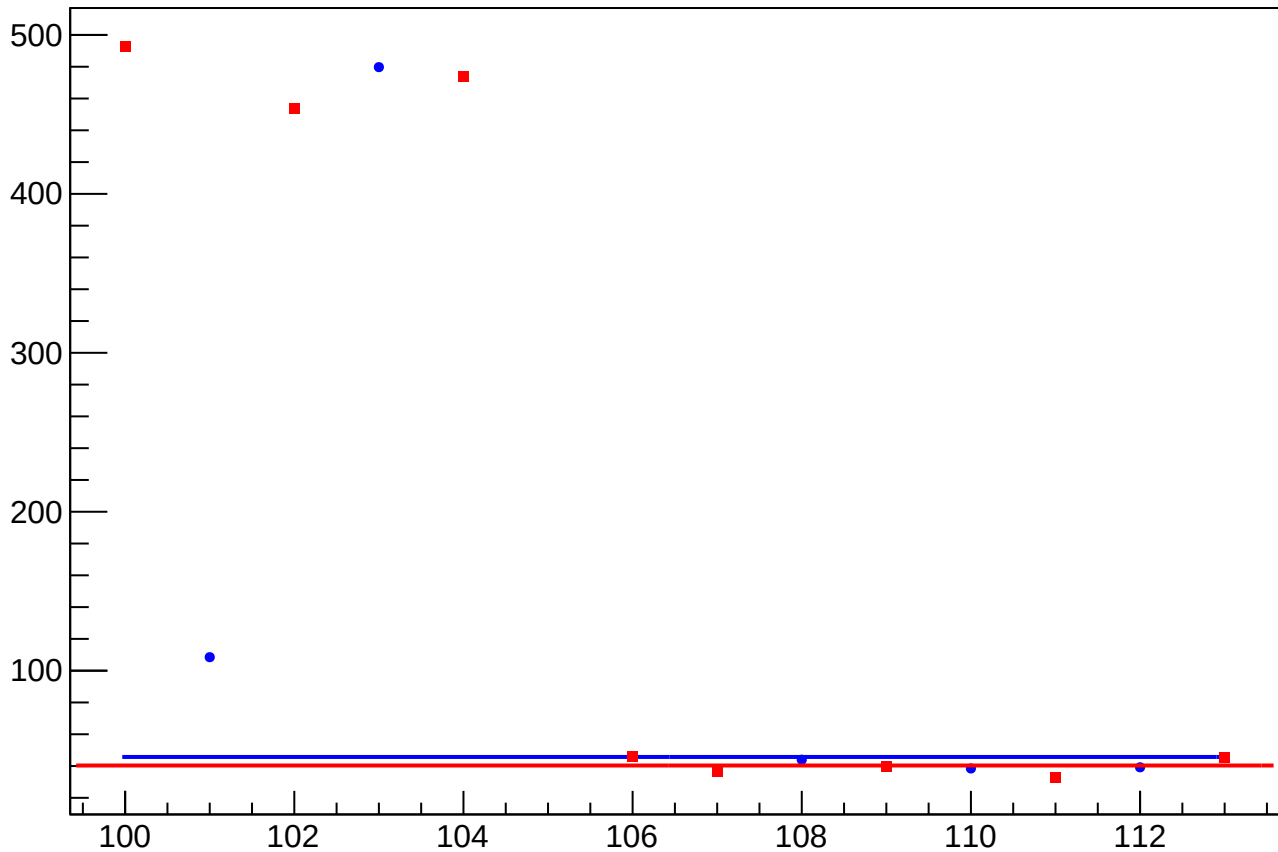
Right: 0.027 $\pm$ 0.023 χ^2 /NDF: 14.2/12

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: 0.027 $\pm$ 0.023 χ^2 /NDF: 14.2/12

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: 40.347+/-0.021 χ^2/NDF : 1715877.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

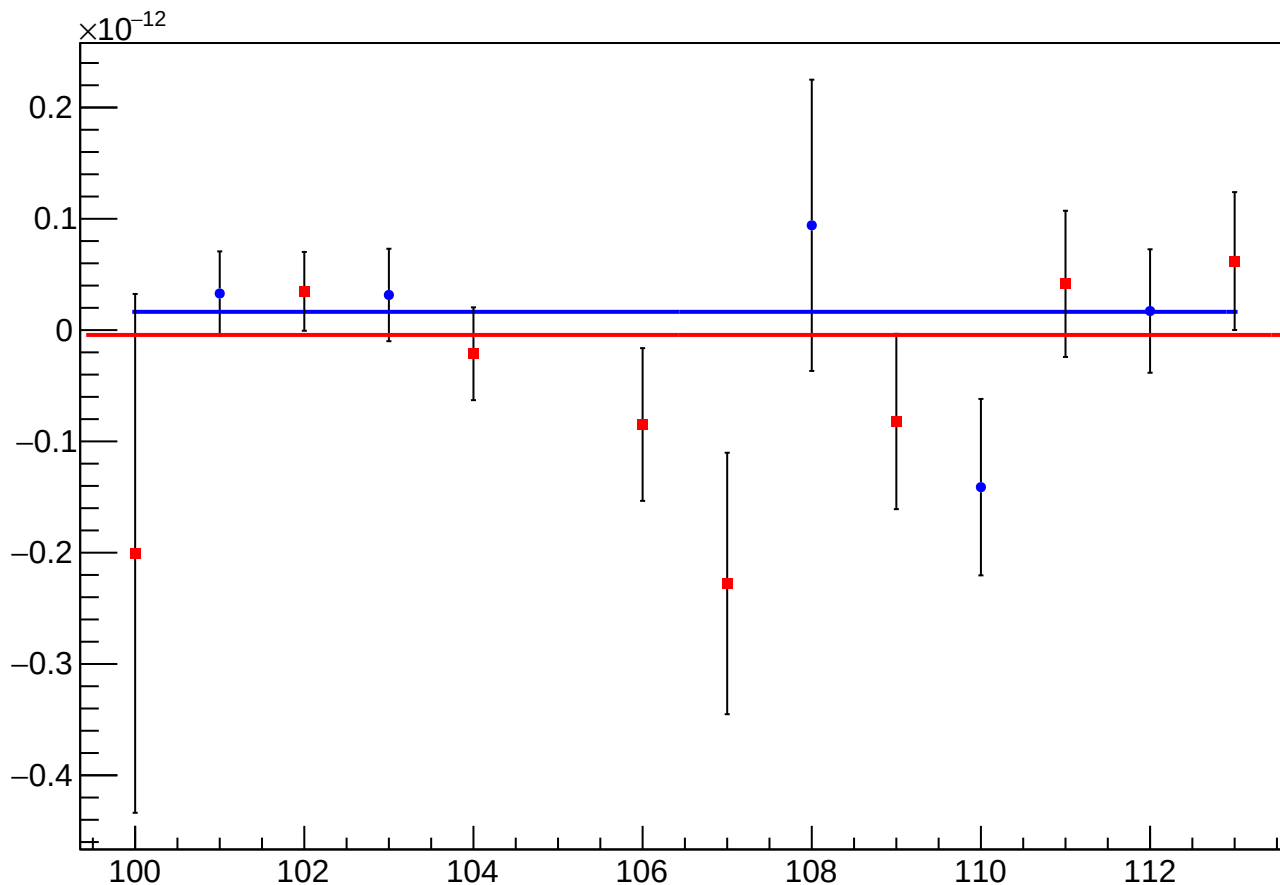
Right: 42.487+/-0.016 χ^2/NDF : 3136478.4/12

In: 45.719+/-0.026 χ^2/NDF : 1393916.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.487+/-0.016 χ^2/NDF : 3136478.4/12

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 : 9.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

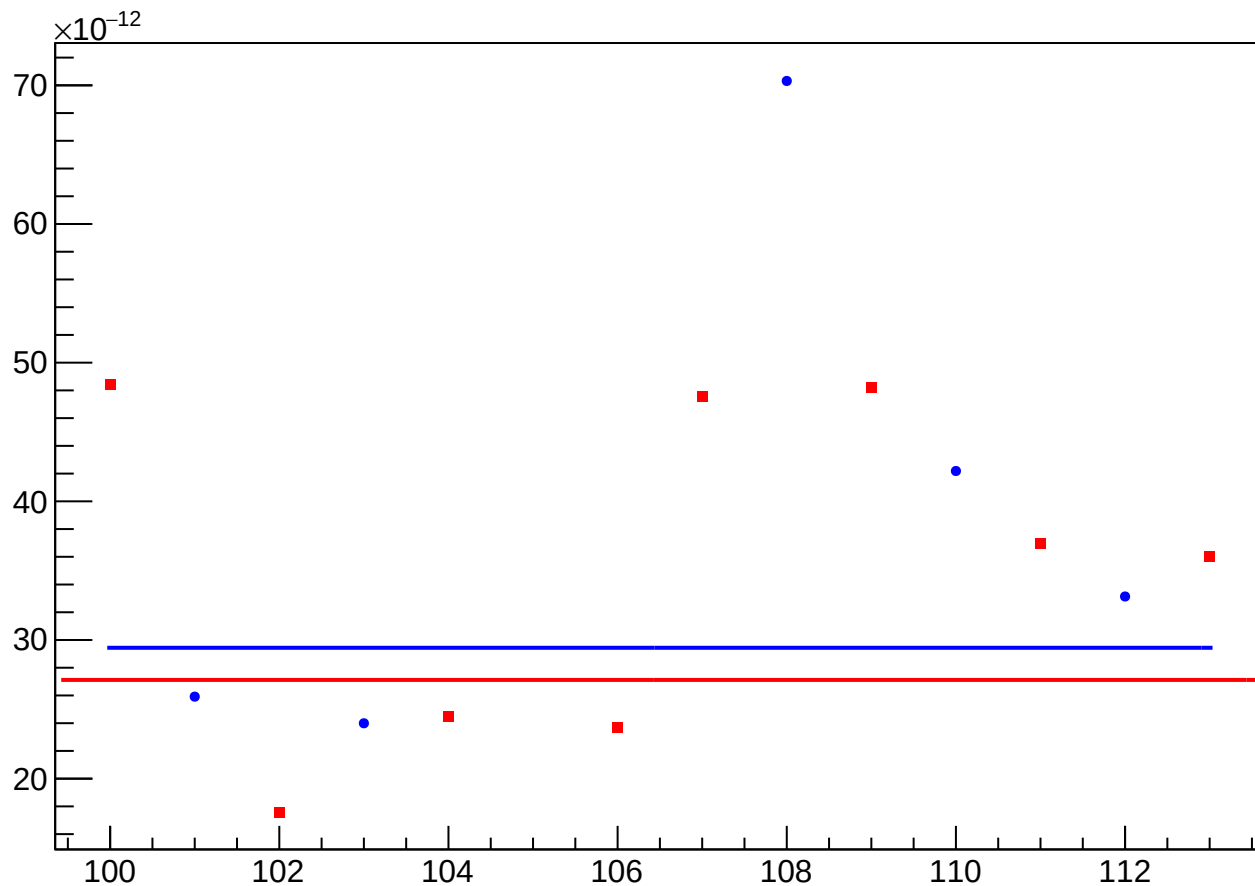
Right: 0.000+/-0.000 χ^2/NDF : 14.8/12

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 : 14.8/12

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 : 466139.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

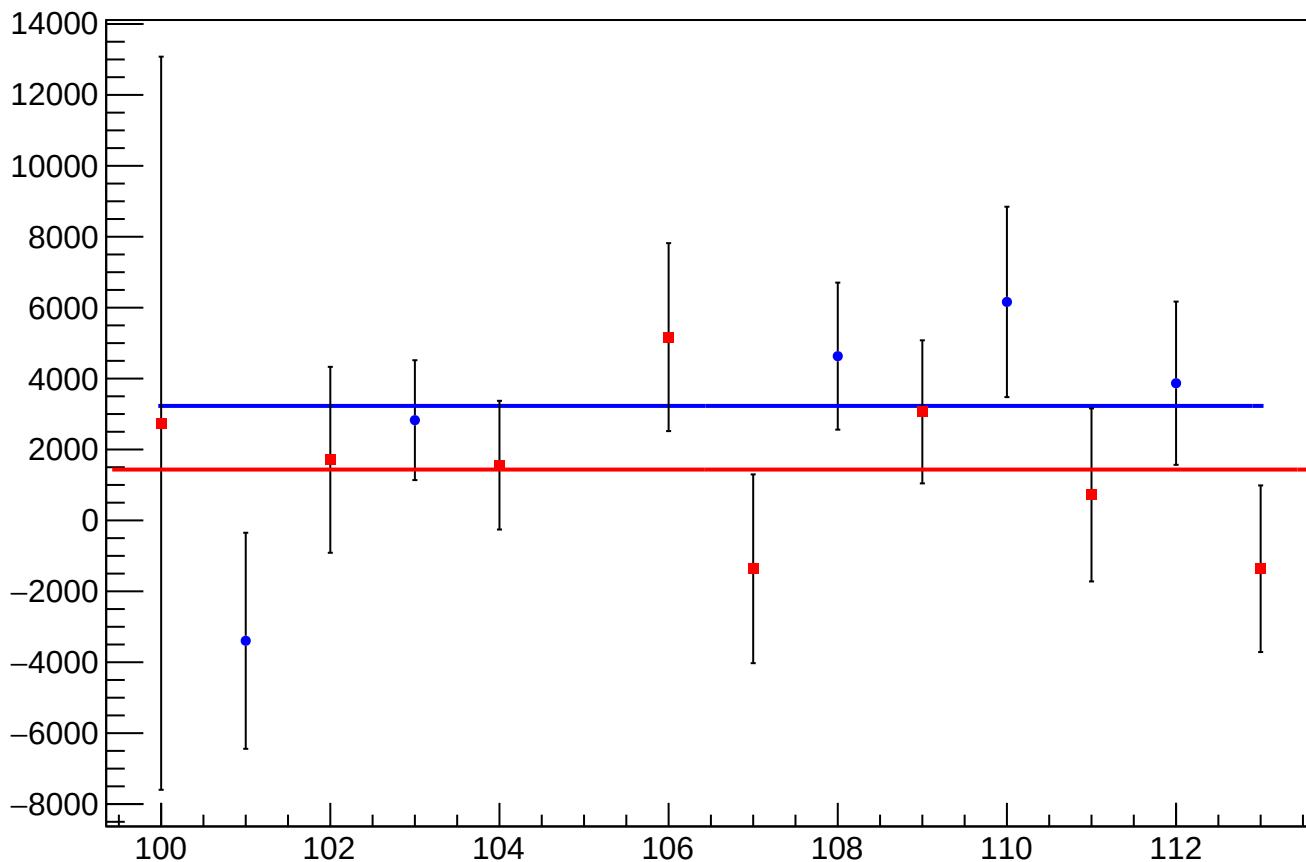
Right: 0.000+/-0.000 χ^2/NDF : 784662.0/12

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 : 784662.0/12

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: 1433.996+/-864.974 χ^2/NDF : 5.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

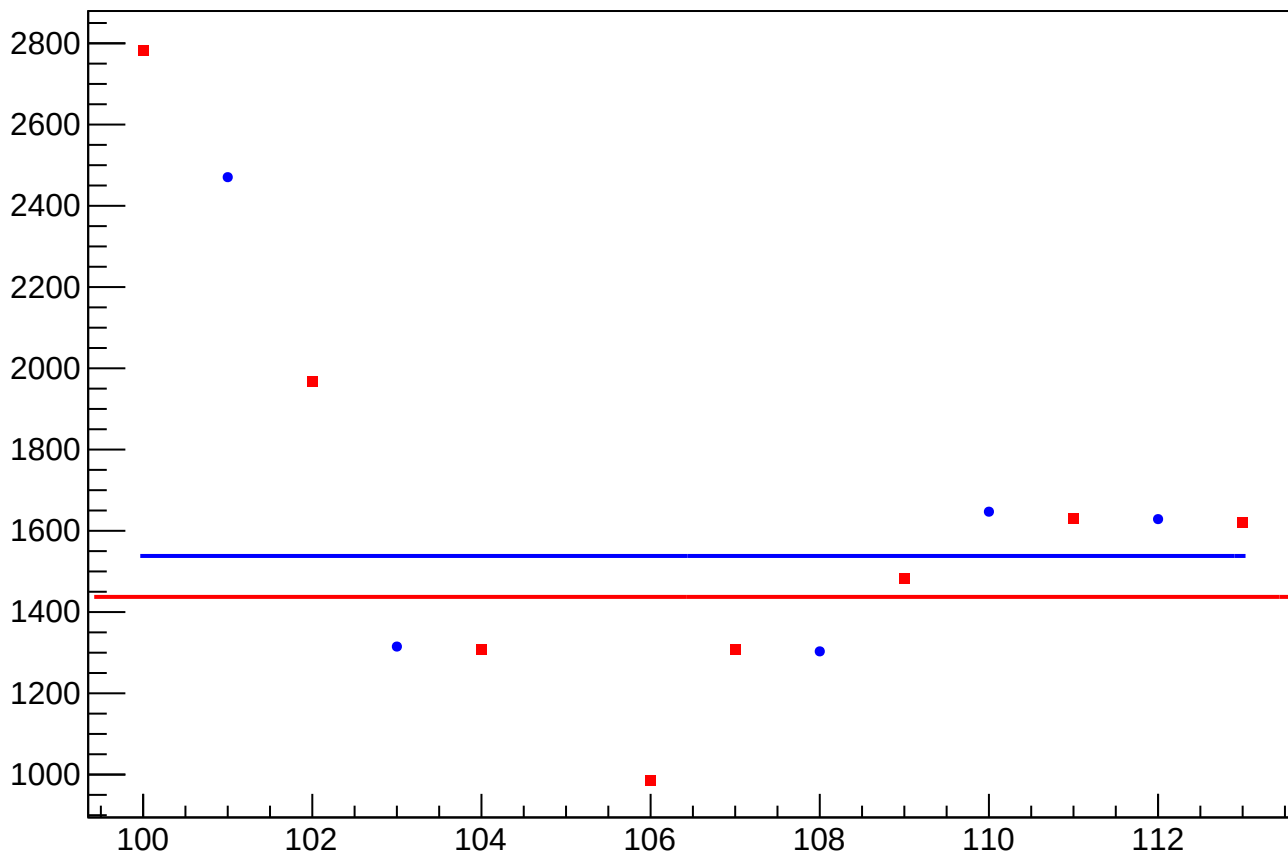
Right: 2210.043+/-651.717 χ^2/NDF : 13.7/12

In: 3229.119+/-991.203 χ^2/NDF : 6.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2210.043+/-651.717 χ^2/NDF : 13.7/12

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: 1437.337+/-0.590 χ^2/NDF : 254484.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

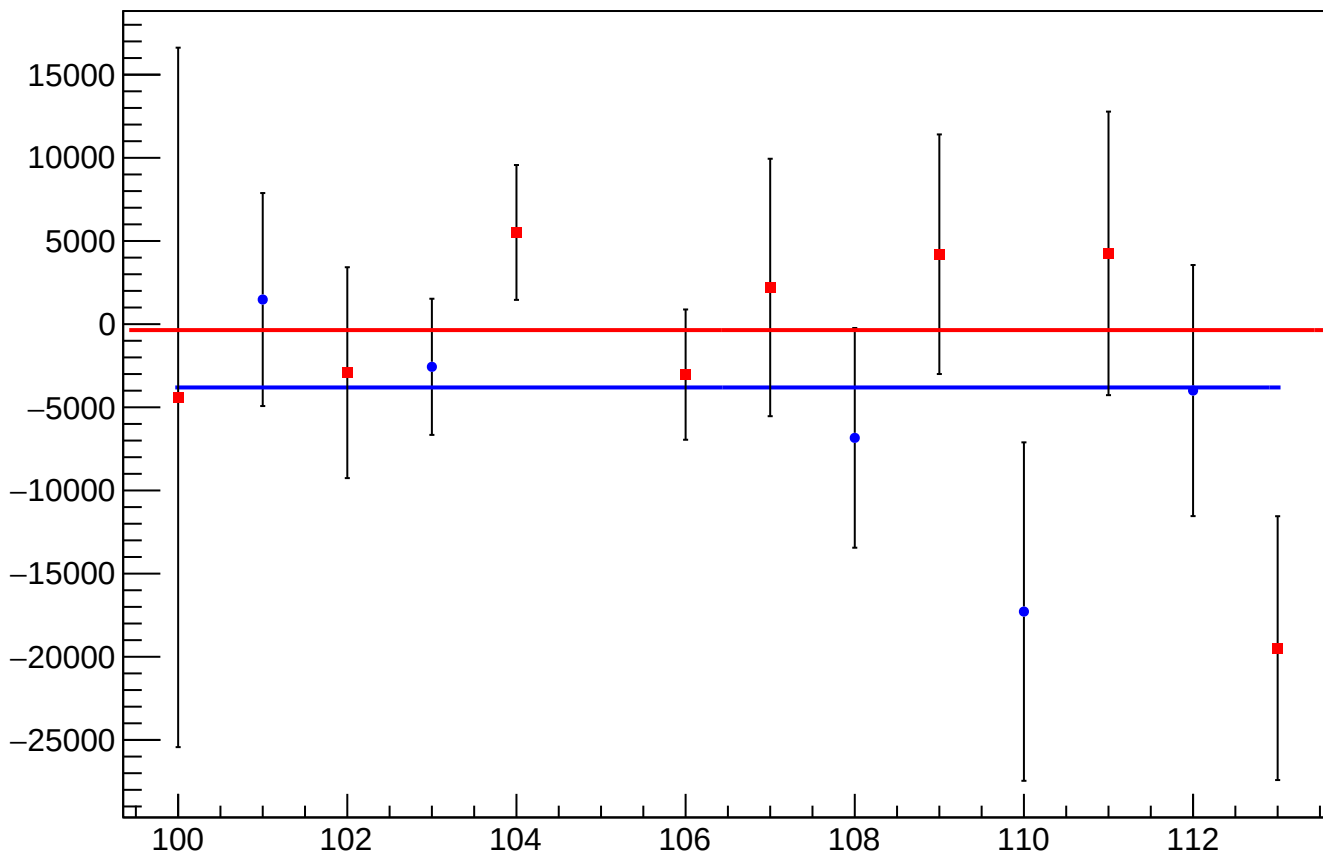
Right: 1479.143+/-0.451 χ^2/NDF : 520766.7/12

In: 1538.108+/-0.701 χ^2/NDF : 254186.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1479.143+/-0.451 χ^2/NDF : 520766.7/12

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: -357.299+/-2137.944 χ^2/NDF : 9.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

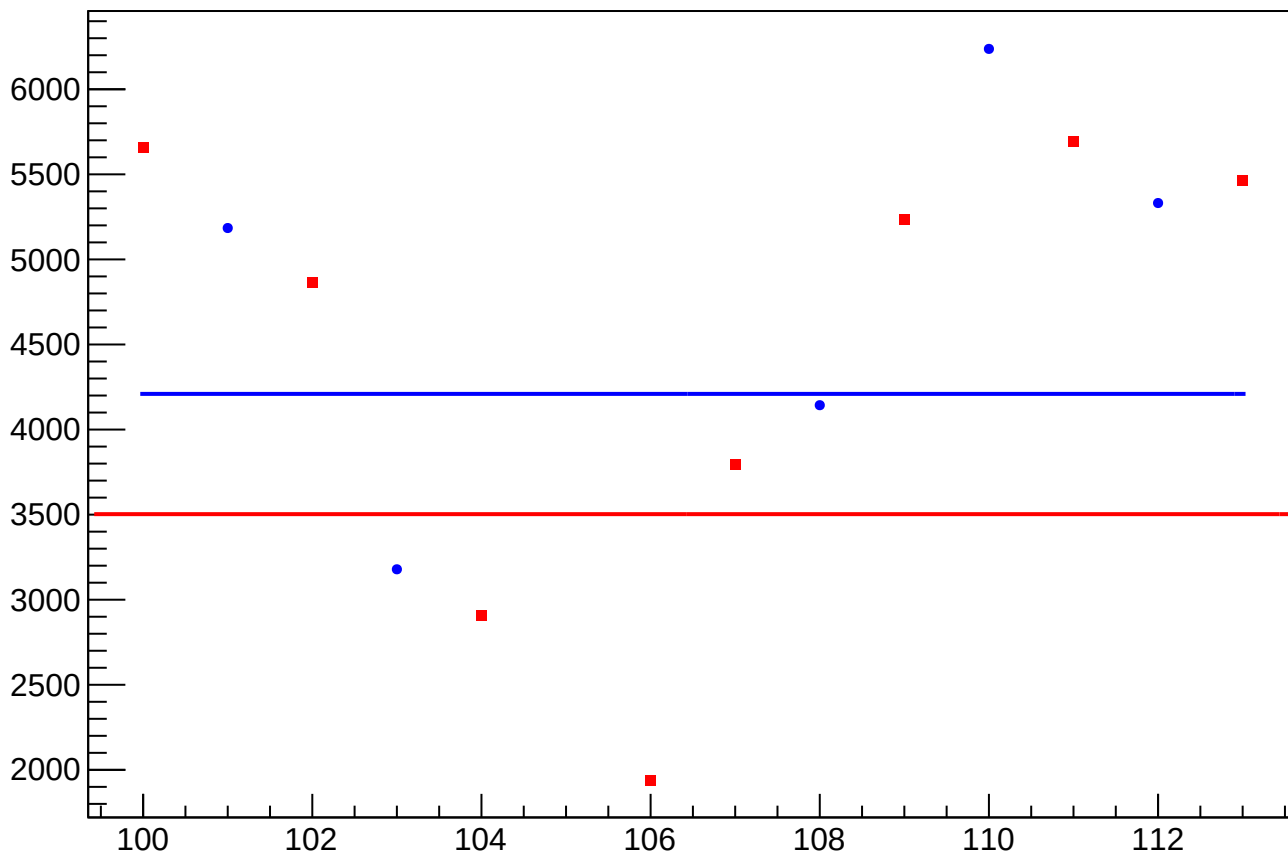
Right: -1668.586+/-1683.154 χ^2/NDF : 13.1/12

In: -3806.282+/-2729.735 χ^2/NDF : 2.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1668.586+/-1683.154 χ^2/NDF : 13.1/12

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: 3502.870+/-1.512 χ^2/NDF : 848116.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

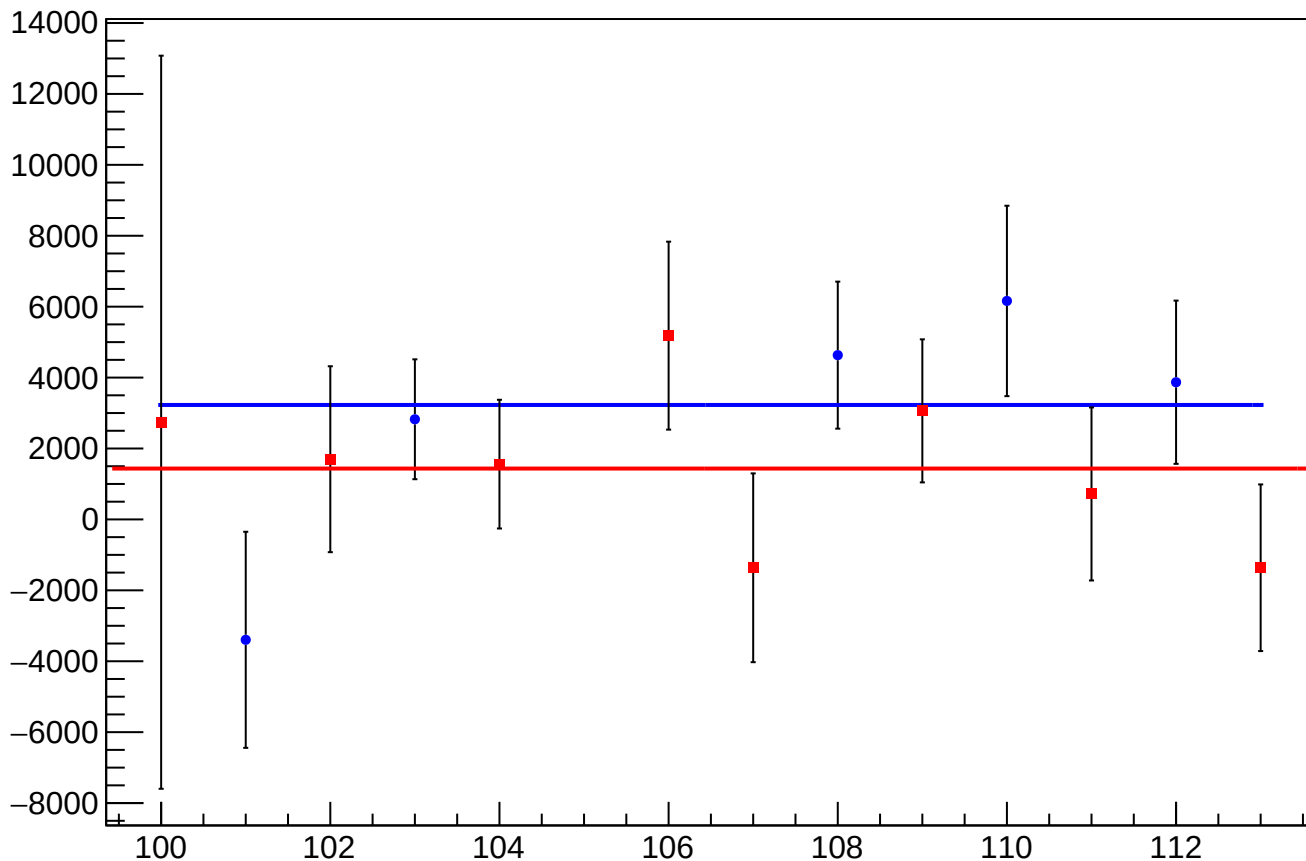
Right: 3771.585+/-1.190 χ^2/NDF : 1228212.0/12

In: 4209.651+/-1.930 χ^2/NDF : 296993.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3771.585+/-1.190 χ^2/NDF : 1228212.0/12

cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3228.041 $\pm$ 991.203 χ^2 /NDF: 6.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1434.178 $\pm$ 864.983 χ^2 /NDF: 5.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

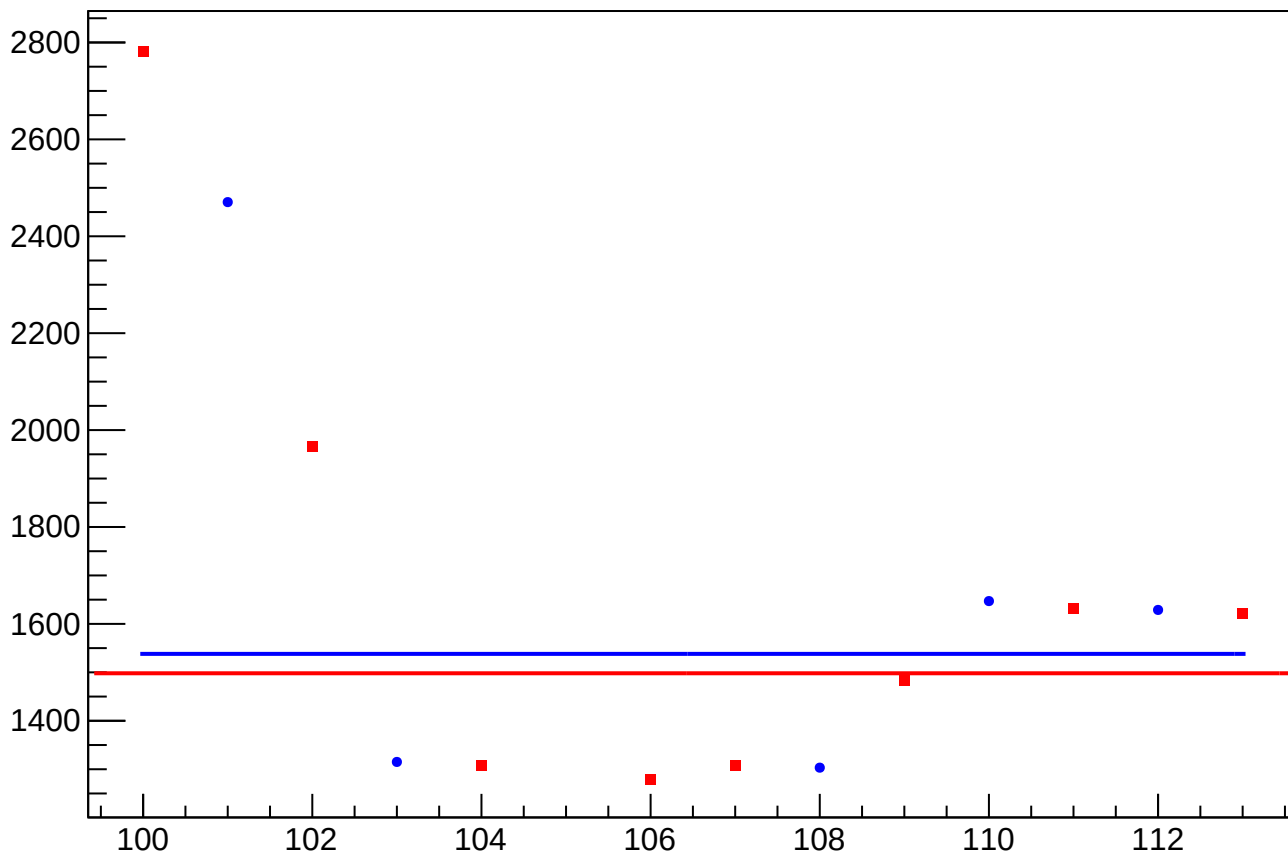
Right: 2209.690 $\pm$ 651.722 χ^2 /NDF: 13.7/12

In: 3228.041 $\pm$ 991.203 χ^2 /NDF: 6.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2209.690 $\pm$ 651.722 χ^2 /NDF: 13.7/12

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: 1498.076+/-0.606 χ^2/NDF : 154558.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

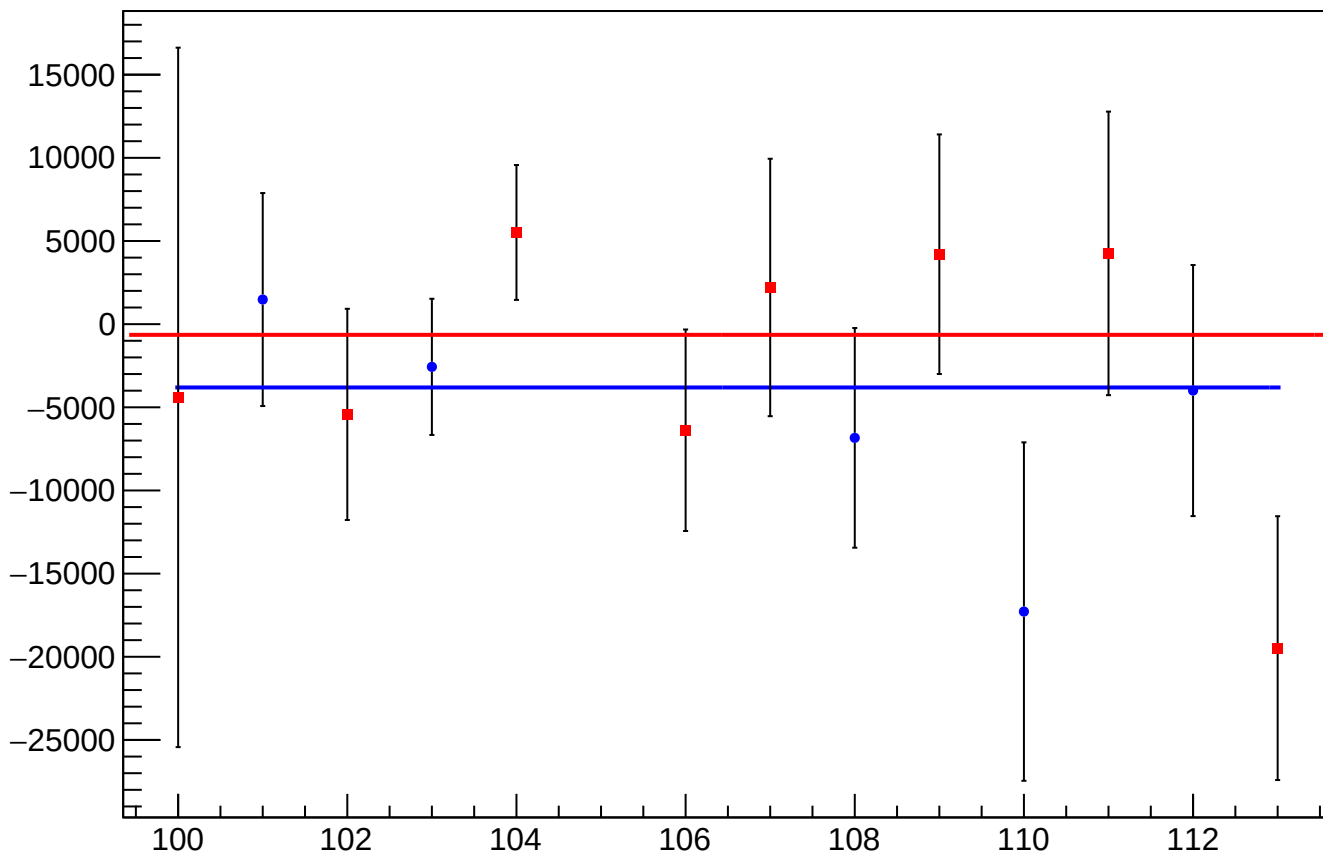
Right: 1515.216+/-0.459 χ^2/NDF : 410608.9/12

In: 1538.109+/-0.701 χ^2/NDF : 254185.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1515.216+/-0.459 χ^2/NDF : 410608.9/12

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: -643.224+/-2351.997 χ^2/NDF : 10.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

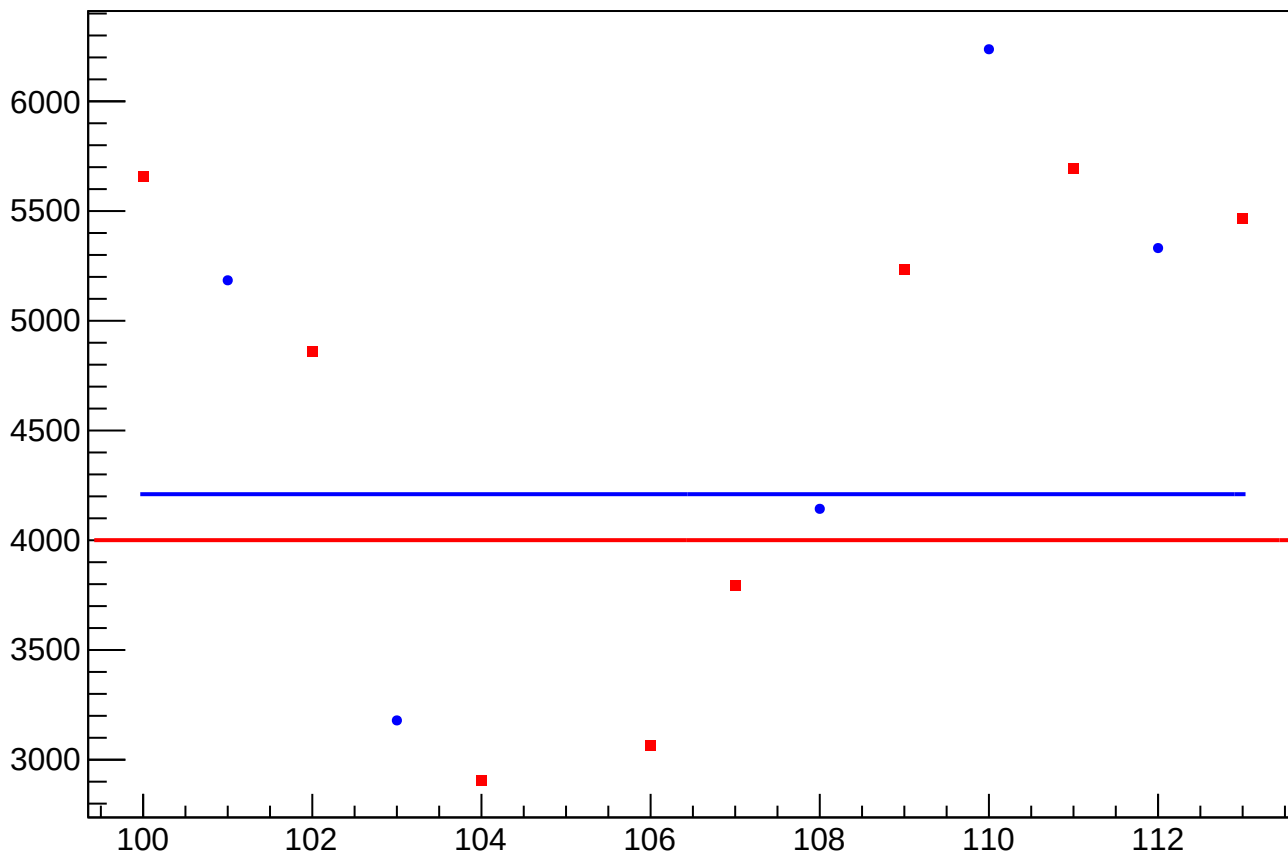
Right: -1991.206+/-1781.855 χ^2/NDF : 13.9/12

In: -3807.099+/-2729.857 χ^2/NDF : 2.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1991.206+/-1781.855 χ^2/NDF : 13.9/12

asym_usr_atr2_avg_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: 4000.469+/-1.663 χ^2/NDF : 449591.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

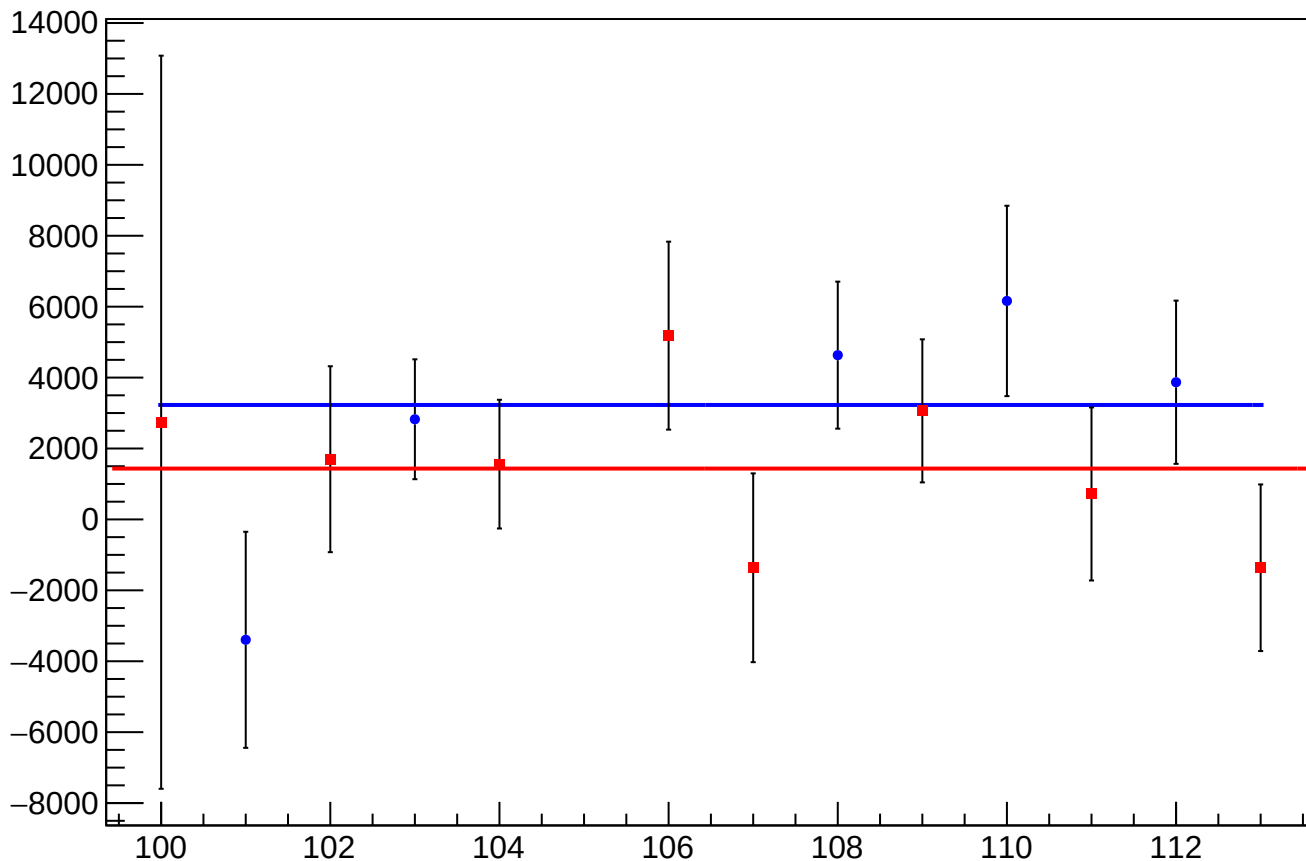
Right: 4089.696+/-1.260 χ^2/NDF : 753227.4/12

In: 4209.897+/-1.930 χ^2/NDF : 296880.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4089.696+/-1.260 χ^2/NDF : 753227.4/12

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: 1434.178+/-864.983 χ^2/NDF : 5.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

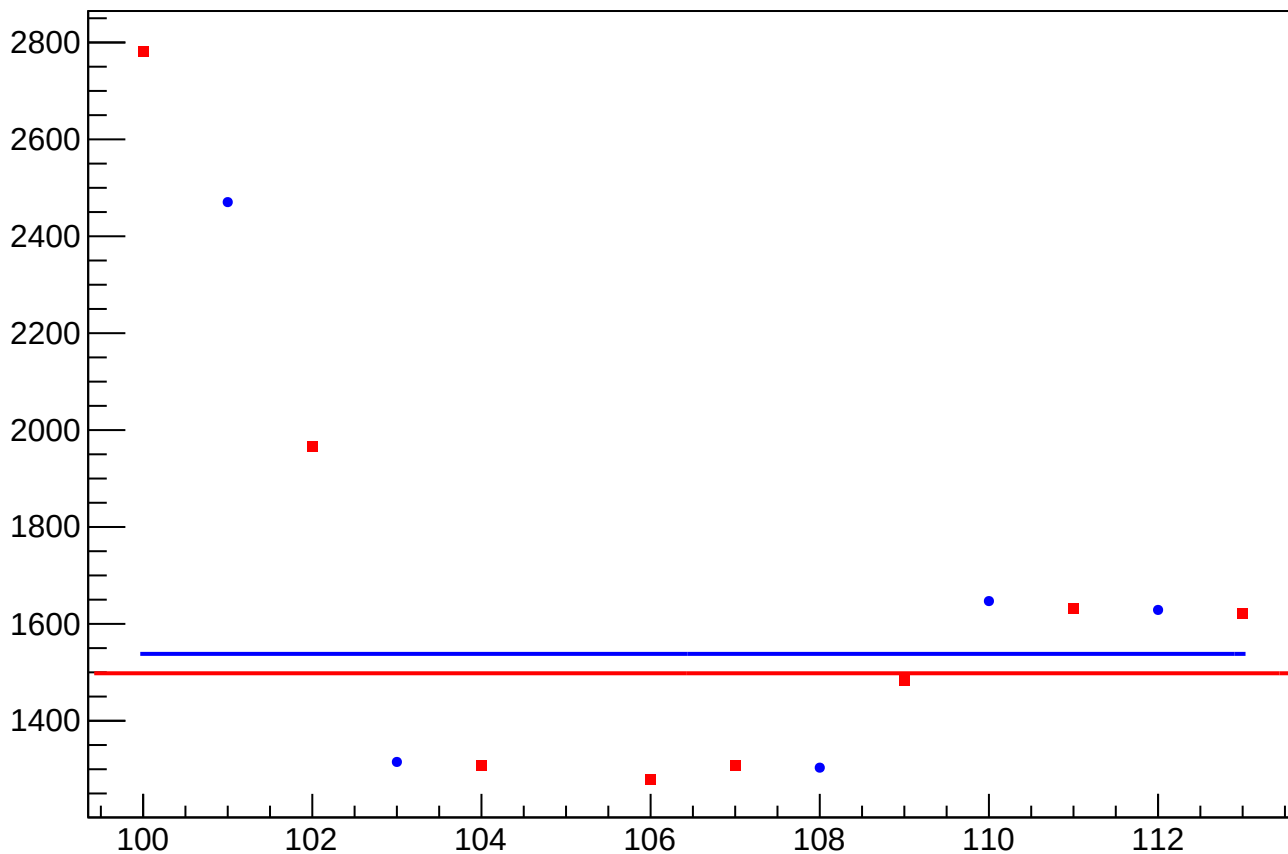
Right: 2209.690+/-651.722 χ^2/NDF : 13.7/12

In: 3228.041+/-991.203 χ^2/NDF : 6.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2209.690+/-651.722 χ^2/NDF : 13.7/12

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: 1498.076+/-0.606 χ^2 /NDF: 154558.0/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

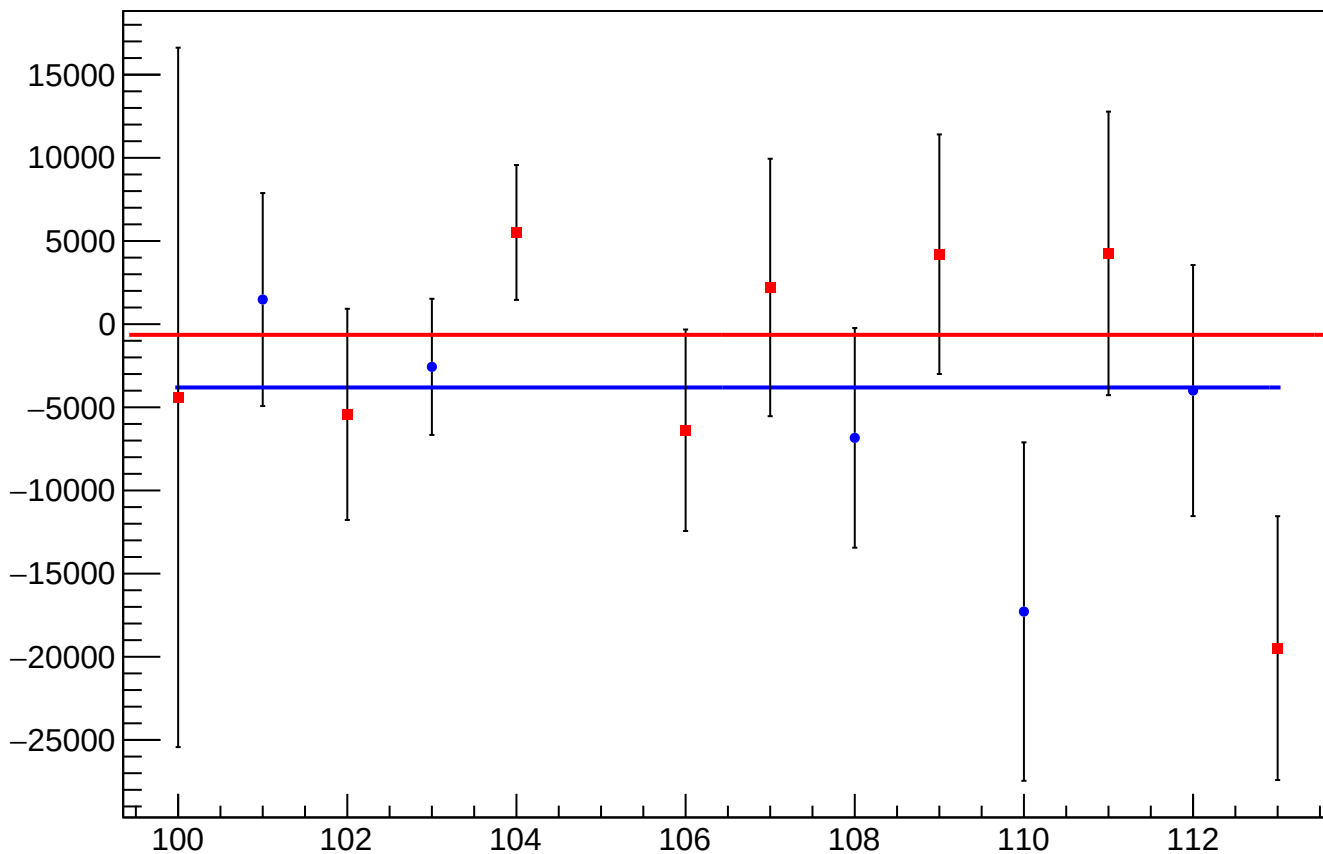
Right: 1515.216+/-0.459 χ^2 /NDF: 410608.9/12

In: 1538.109+/-0.701 χ^2 /NDF:254185.3/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1515.216+/-0.459 χ^2 /NDF: 410608.9/12

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: -643.224+/-2351.997 χ^2/NDF : 10.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

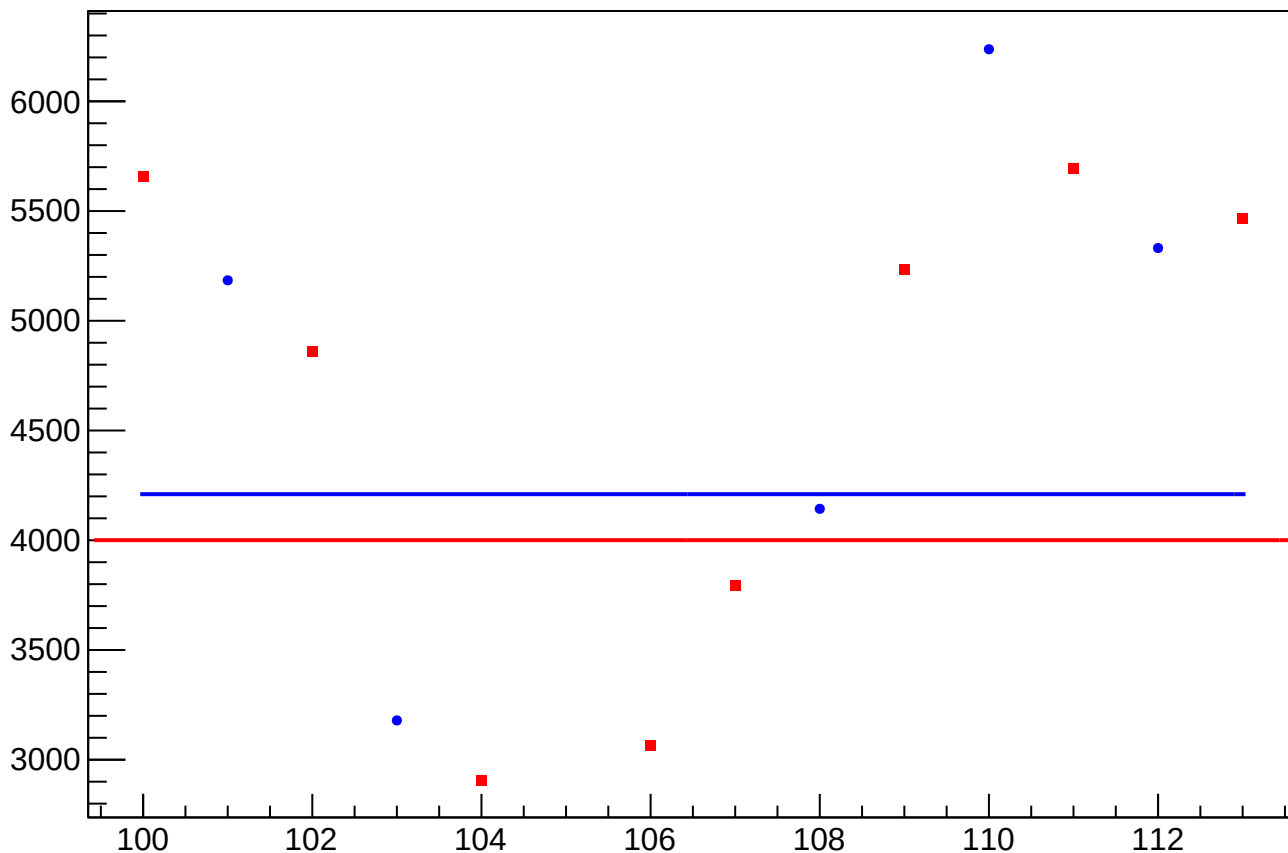
Right: -1991.206+/-1781.855 χ^2/NDF : 13.9/12

In: -3807.099+/-2729.857 χ^2/NDF : 2.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1991.206+/-1781.855 χ^2/NDF : 13.9/12

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: 4000.469+/-1.663 χ^2/NDF : 449591.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

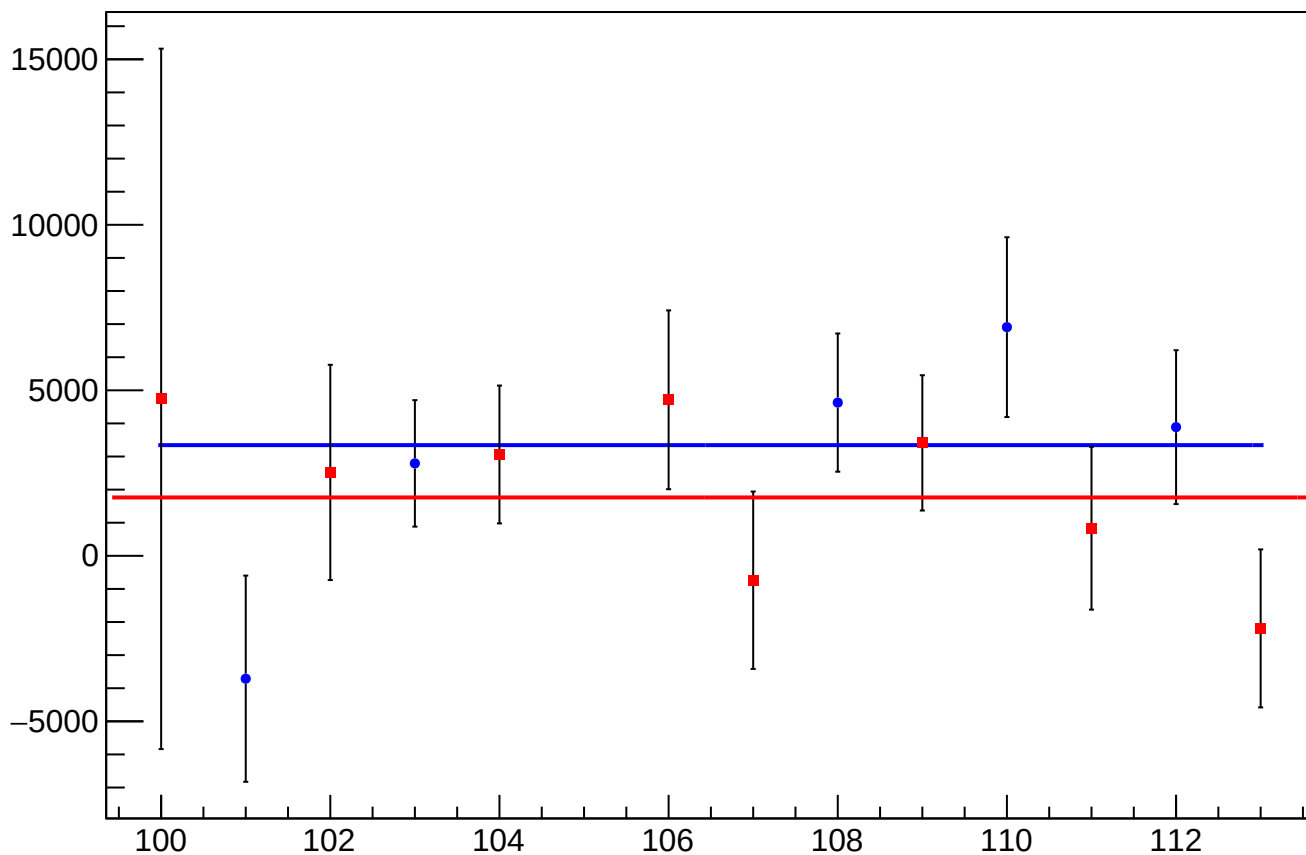
Right: 4089.696+/-1.260 χ^2/NDF : 753227.4/12

In: 4209.897+/-1.930 χ^2/NDF : 296880.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4089.696+/-1.260 χ^2/NDF : 753227.4/12

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: 1763.494+/-916.396 χ^2/NDF : 6.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

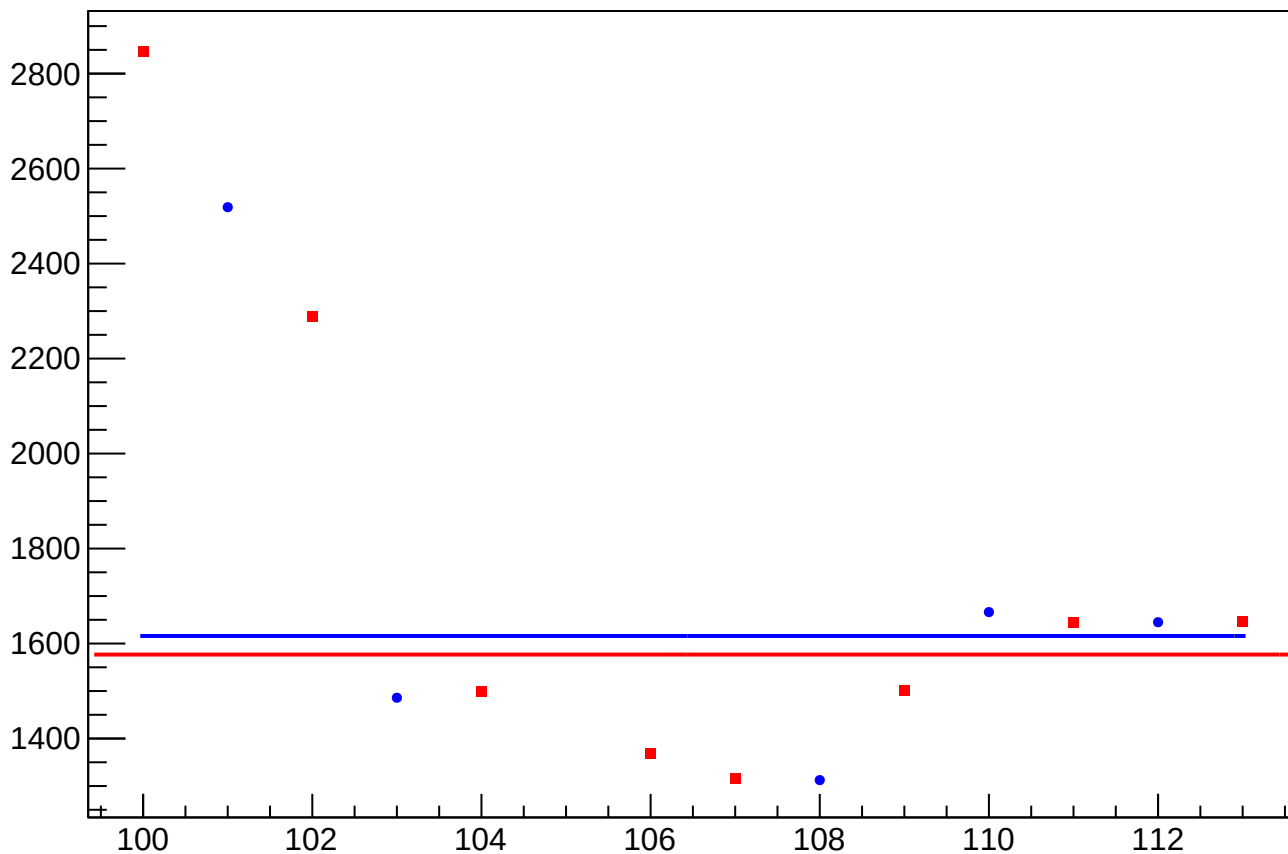
Right: 2455.286+/-687.152 χ^2/NDF : 14.8/12

In: 3343.873+/-1038.594 χ^2/NDF : 7.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2455.286+/-687.152 χ^2/NDF : 14.8/12

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: 1576.805+/-0.647 χ^2/NDF : 164519.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

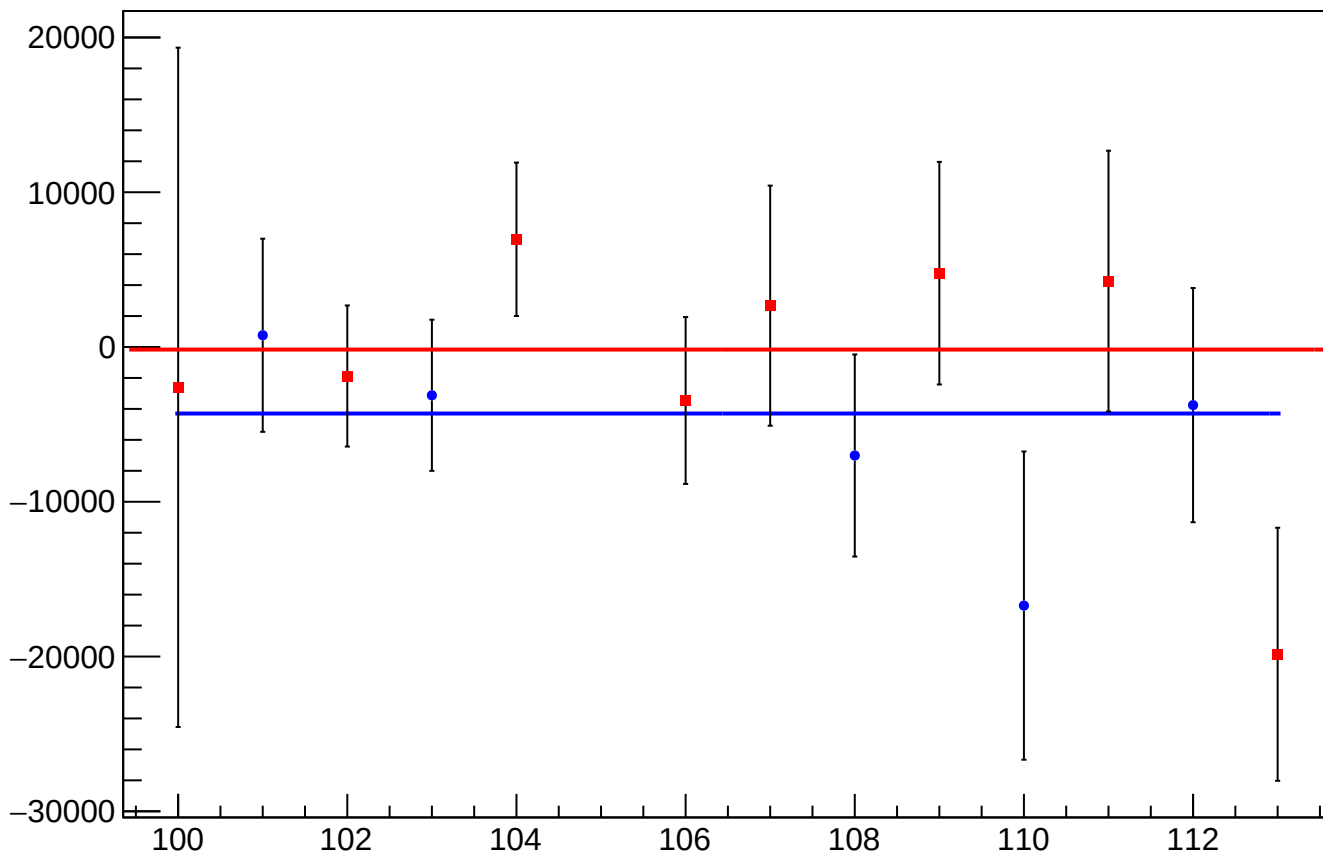
Right: 1593.912+/-0.485 χ^2/NDF : 386686.7/12

In: 1615.974+/-0.734 χ^2/NDF : 220565.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1593.912+/-0.485 χ^2/NDF : 386686.7/12

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: -166.103+/-2292.387 χ^2/NDF : 9.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

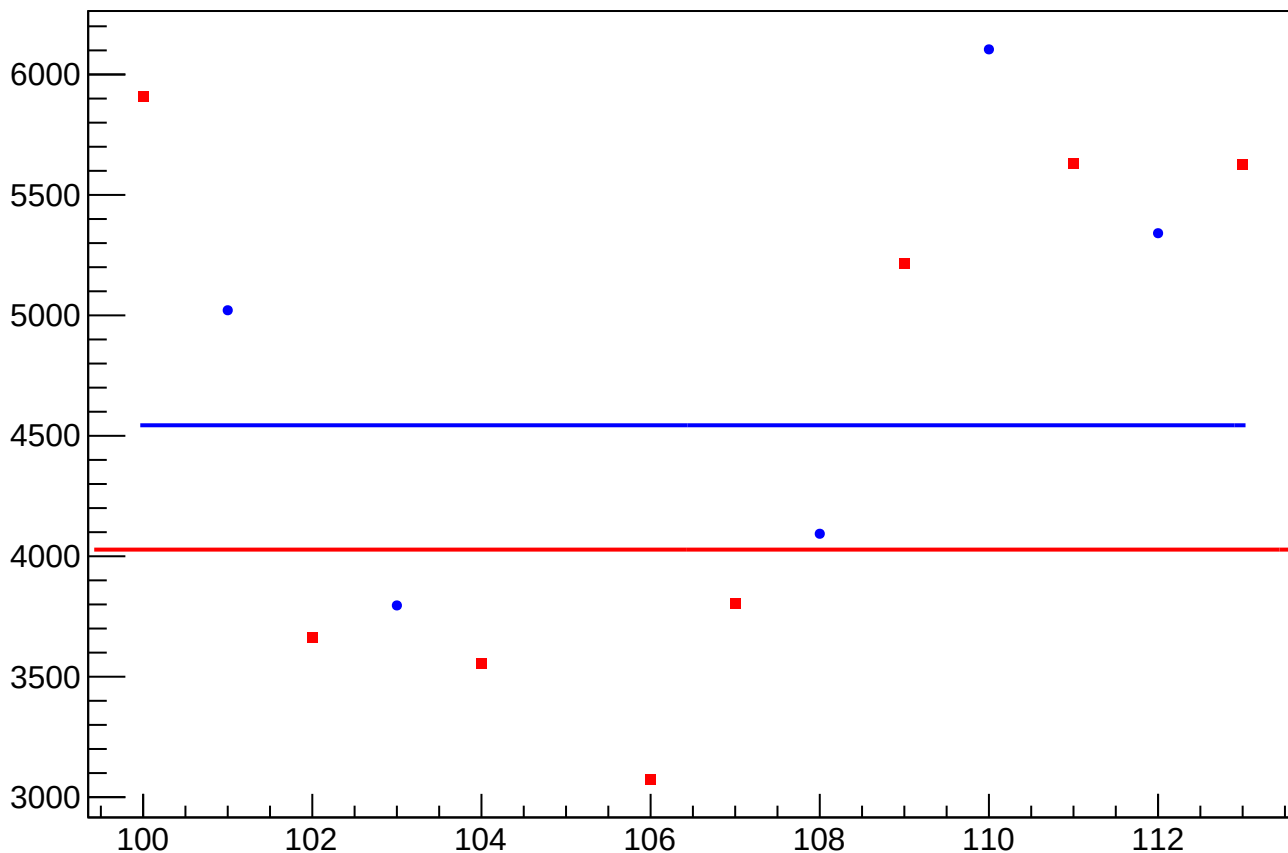
Right: -1752.942+/-1799.142 χ^2/NDF : 13.0/12

In: -4298.102+/-2903.214 χ^2/NDF : 2.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1752.942+/-1799.142 χ^2/NDF : 13.0/12

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: 4027.648+/-1.621 χ^2/NDF : 313414.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

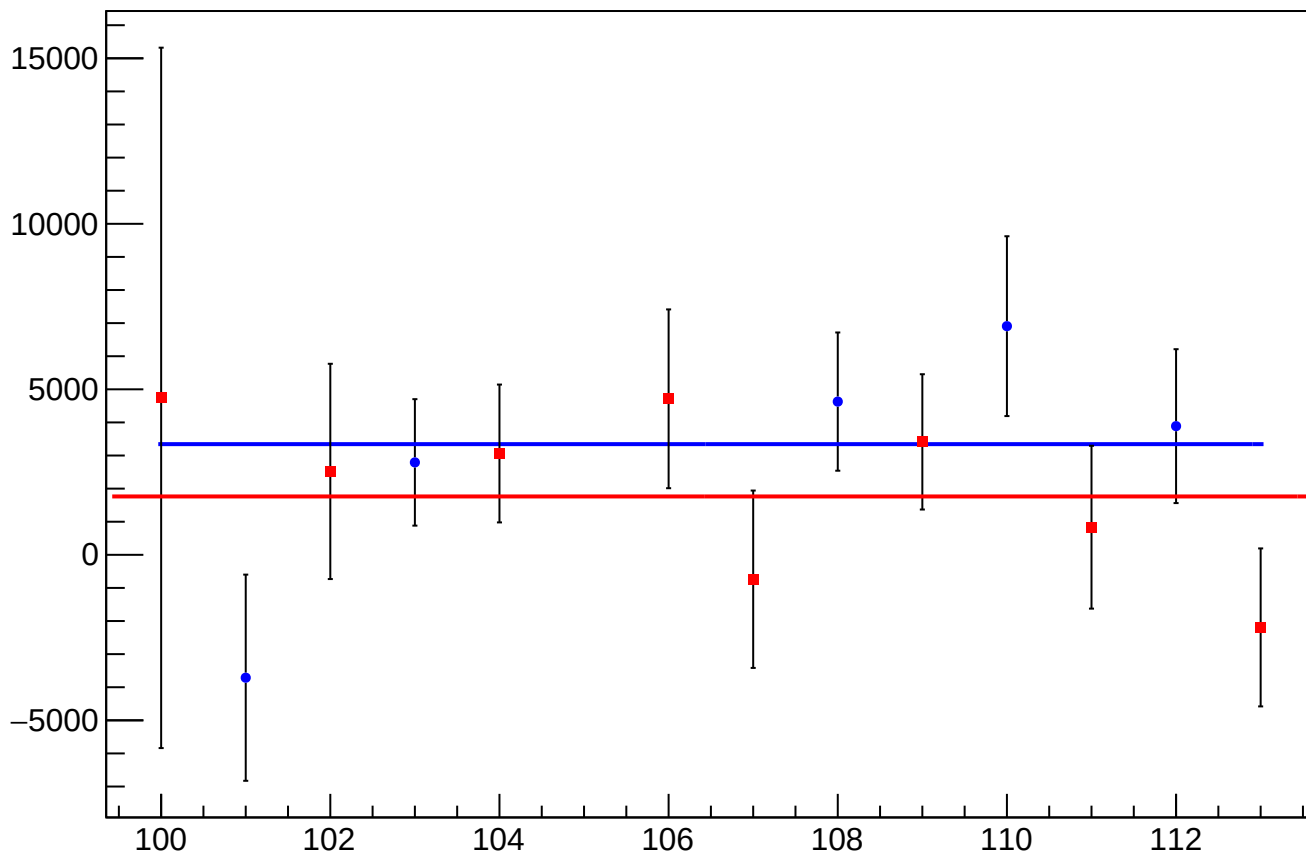
Right: 4225.855+/-1.272 χ^2/NDF : 491821.4/12

In: 4543.762+/-2.053 χ^2/NDF : 139474.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4225.855+/-1.272 χ^2/NDF : 491821.4/12

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: 1763.496+/-916.395 χ^2/NDF : 6.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

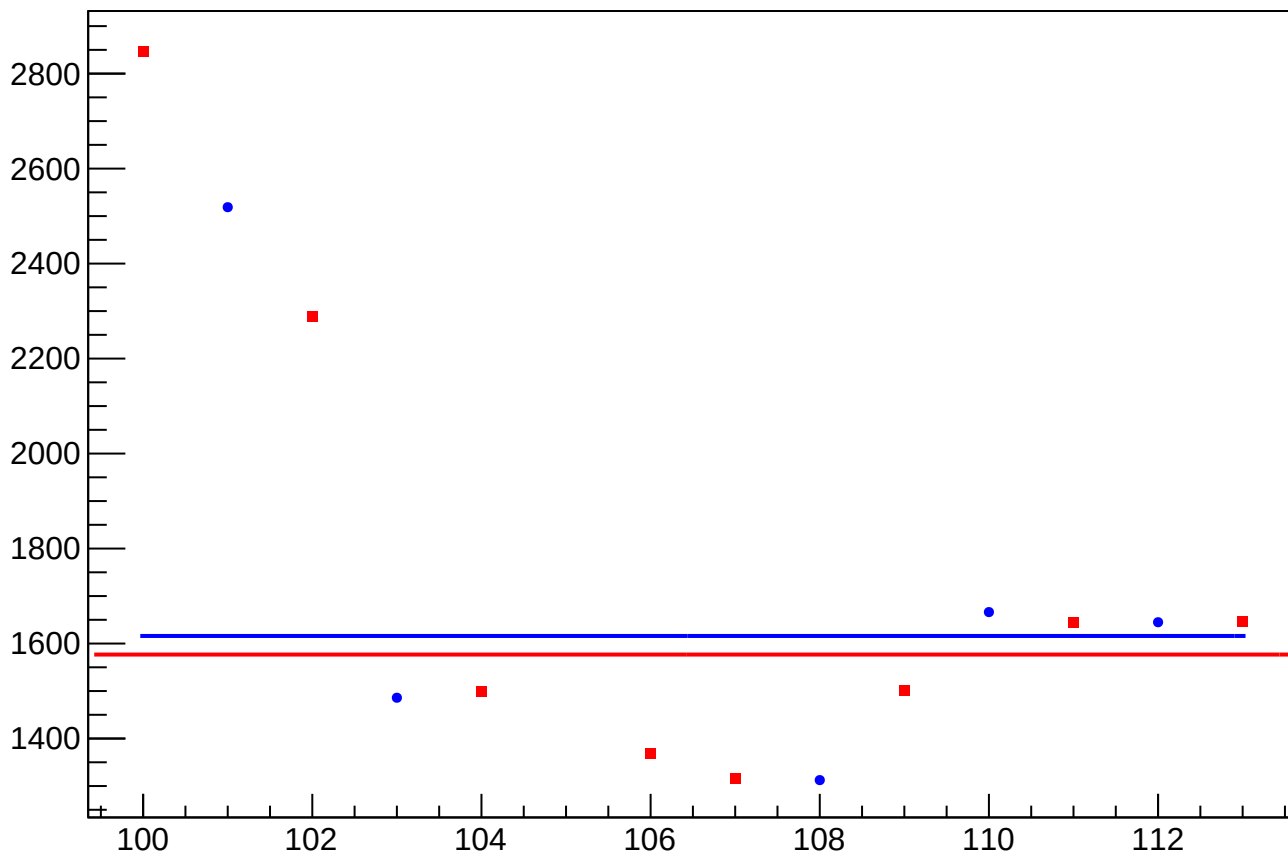
Right: 2455.287+/-687.151 χ^2/NDF : 14.8/12

In: 3343.875+/-1038.593 χ^2/NDF : 7.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2455.287+/-687.151 χ^2/NDF : 14.8/12

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: 1576.805+/-0.647 χ^2/NDF : 164518.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

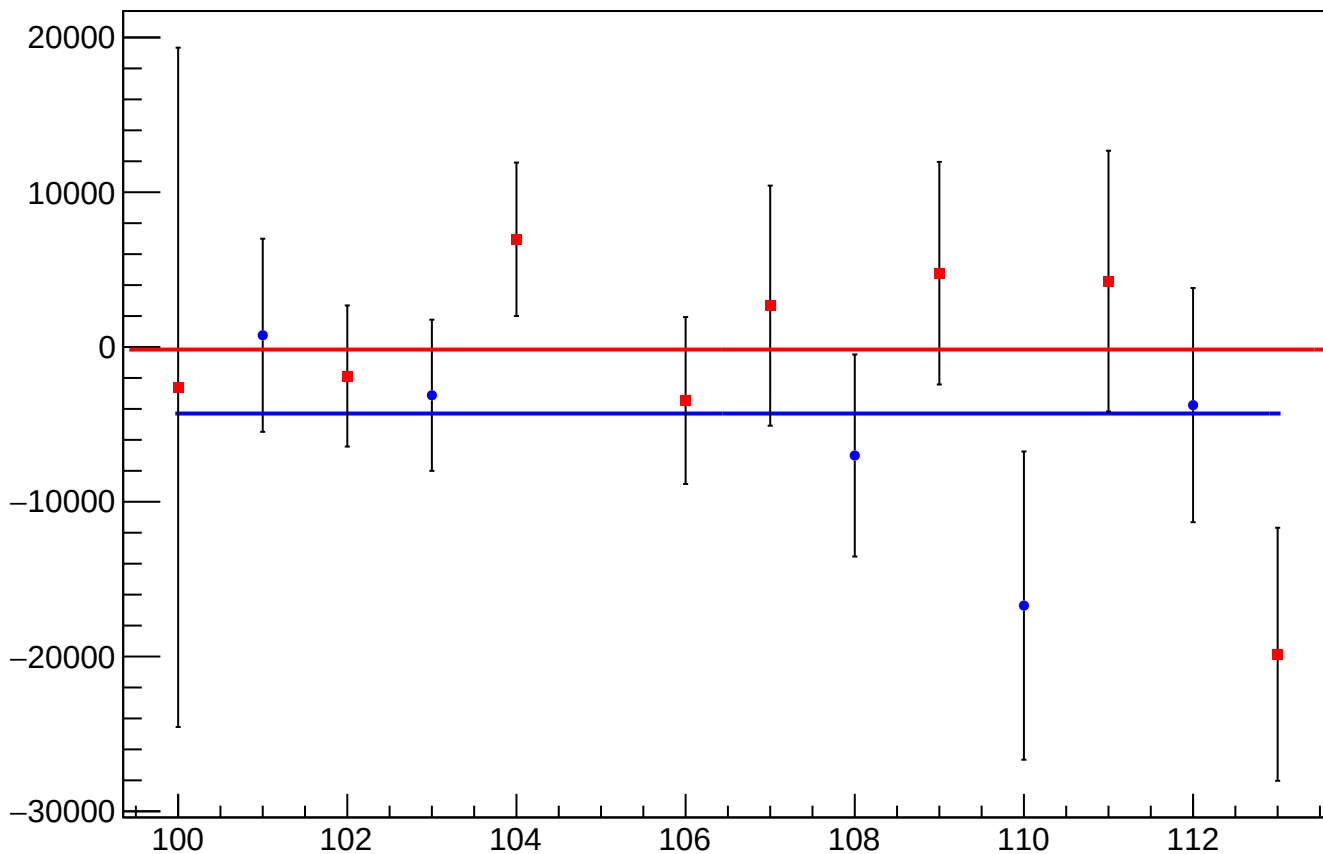
Right: 1593.912+/-0.485 χ^2/NDF : 386686.6/12

In: 1615.973+/-0.734 χ^2/NDF : 220565.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1593.912+/-0.485 χ^2/NDF : 386686.6/12

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: -166.105+/-2292.384 χ^2/NDF : 9.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

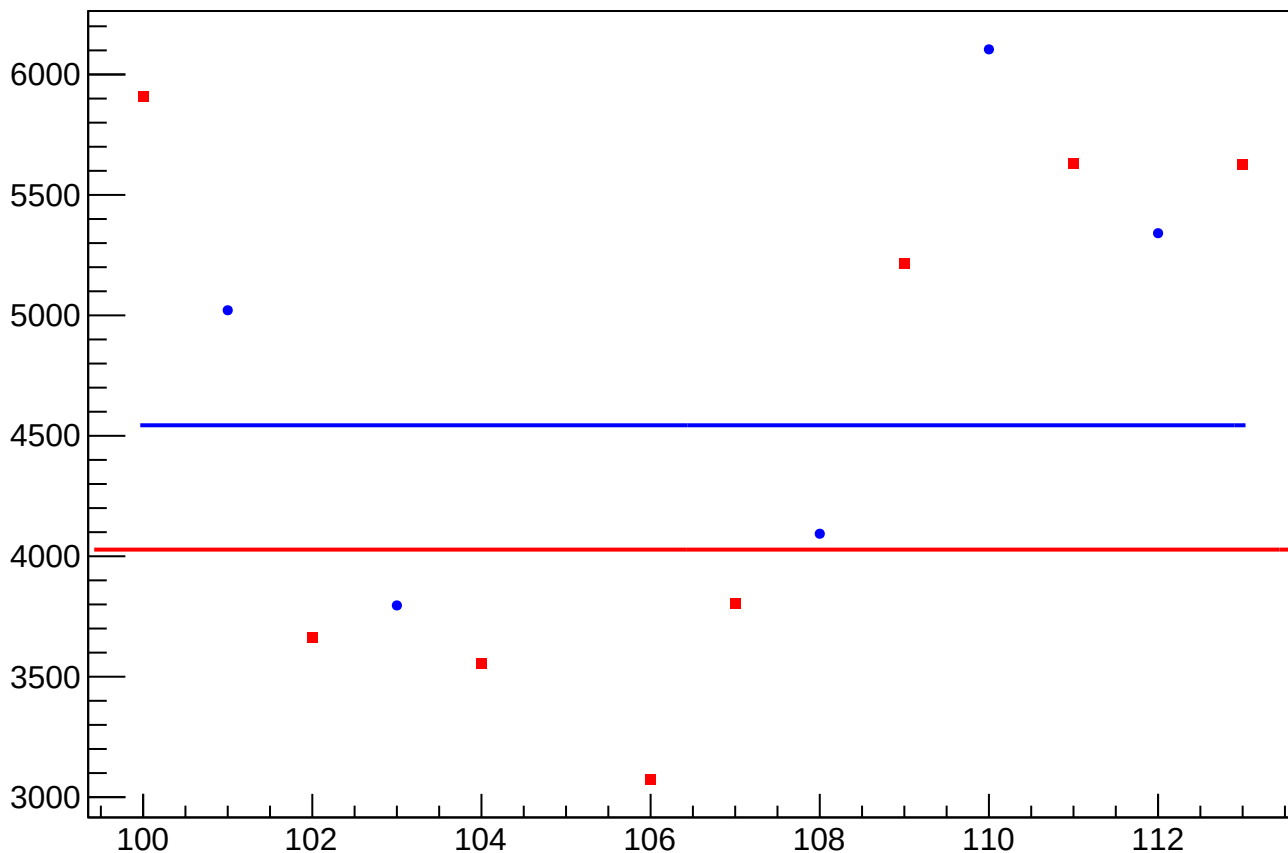
Right: -1752.944+/-1799.140 χ^2/NDF : 13.0/12

In: -4298.105+/-2903.211 χ^2/NDF : 2.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1752.944+/-1799.140 χ^2/NDF : 13.0/12

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: 4027.643+/-1.621 χ^2/NDF : 313413.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

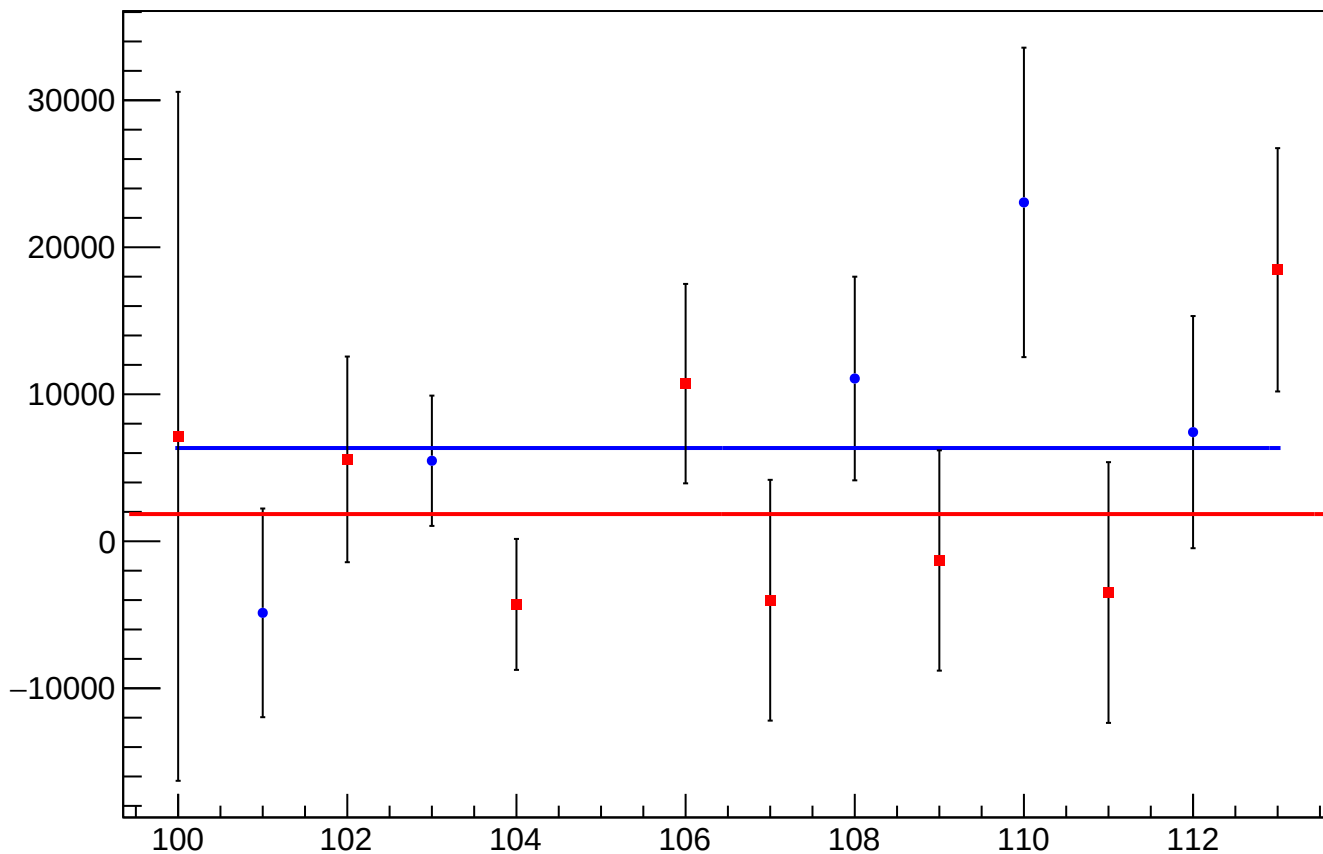
Right: 4225.850+/-1.272 χ^2/NDF : 491819.1/12

In: 4543.759+/-2.053 χ^2/NDF : 139472.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4225.850+/-1.272 χ^2/NDF : 491819.1/12

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: 1850.722+/-2544.805 χ^2/NDF : 9.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

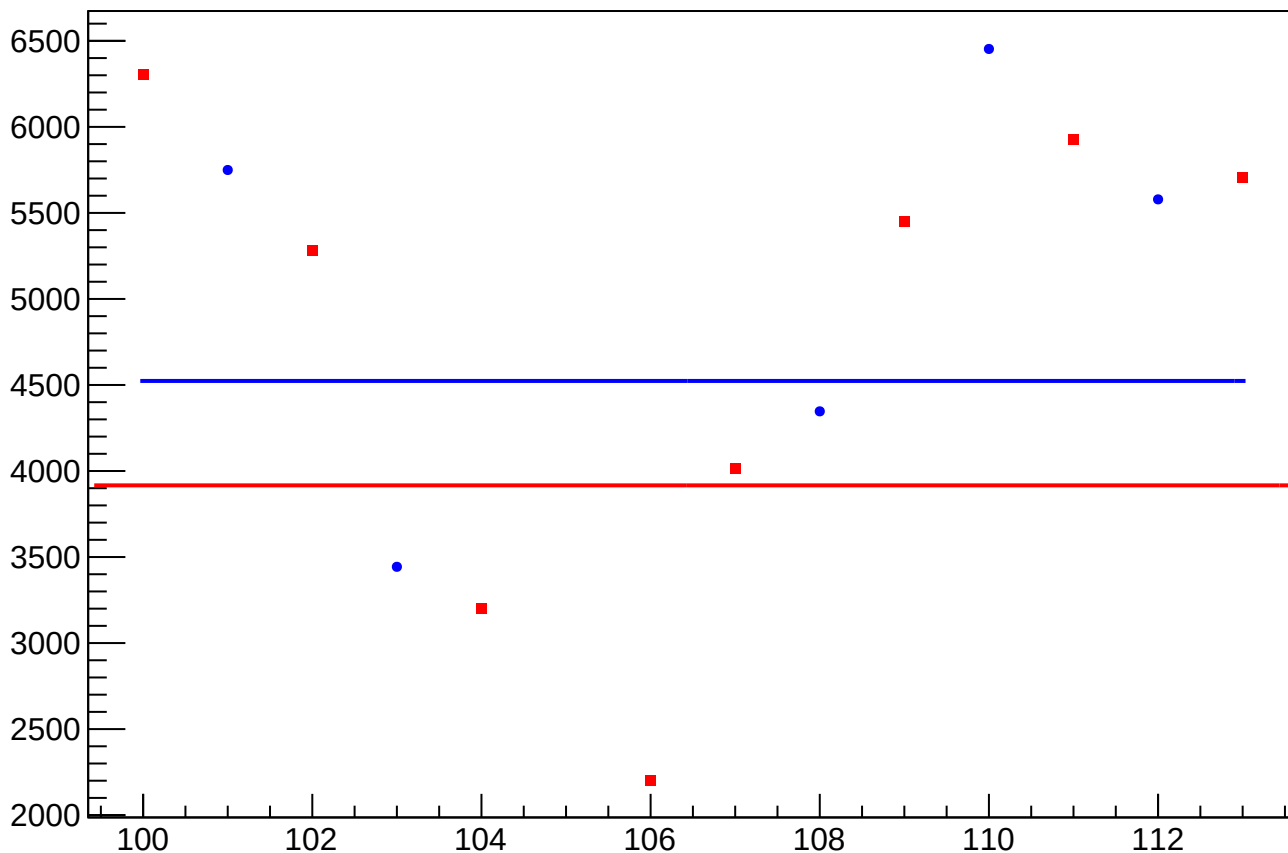
Right: 3784.433+/-1920.655 χ^2/NDF : 15.9/12

In: 6343.813+/-2927.697 χ^2/NDF : 5.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3784.433+/-1920.655 χ^2/NDF : 15.9/12

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: 3916.533+/-1.679 χ^2/NDF : 691482.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

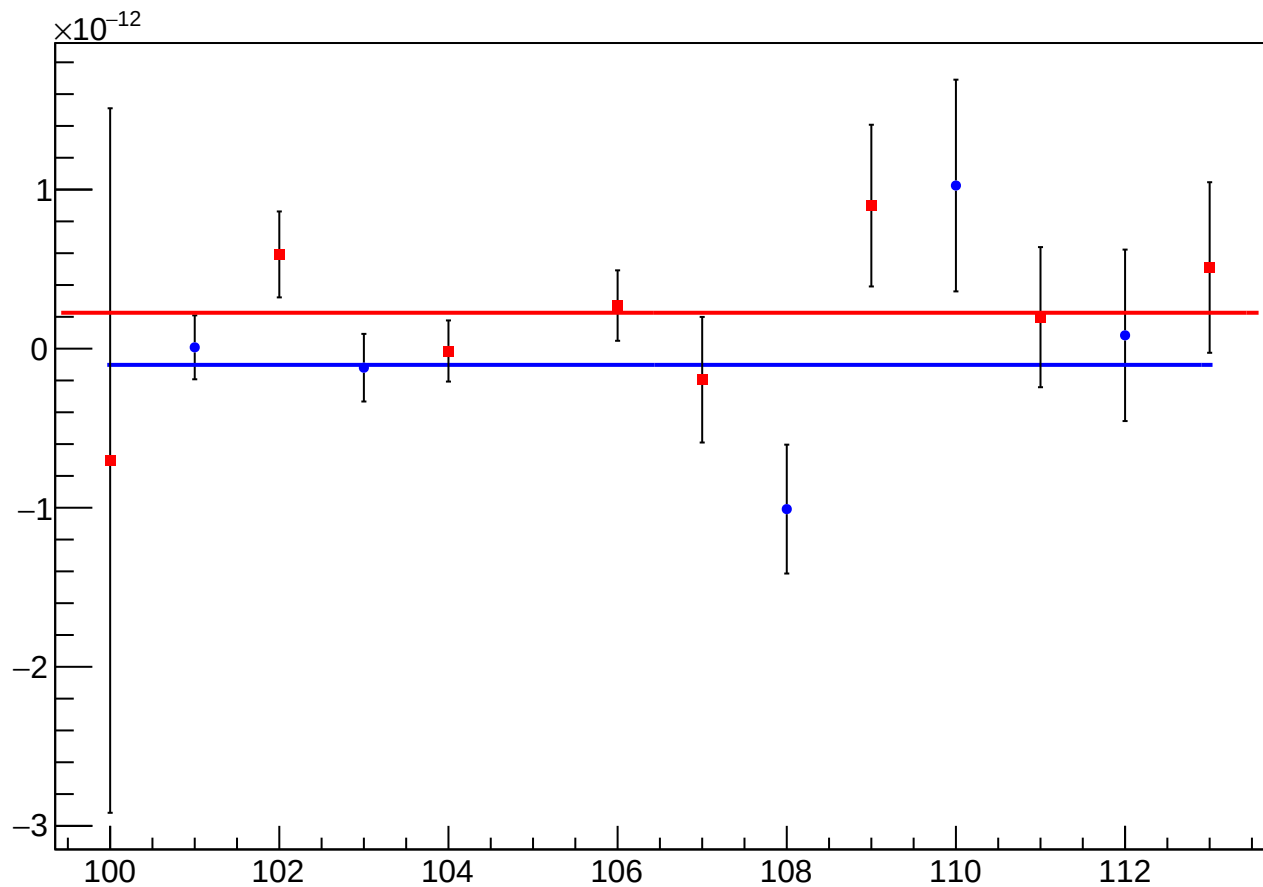
Right: 4157.372+/-1.304 χ^2/NDF : 1026050.0/12

In: 4523.455+/-2.070 χ^2/NDF : 282724.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4157.372+/-1.304 χ^2/NDF : 1026050.0/12

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 : 6.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

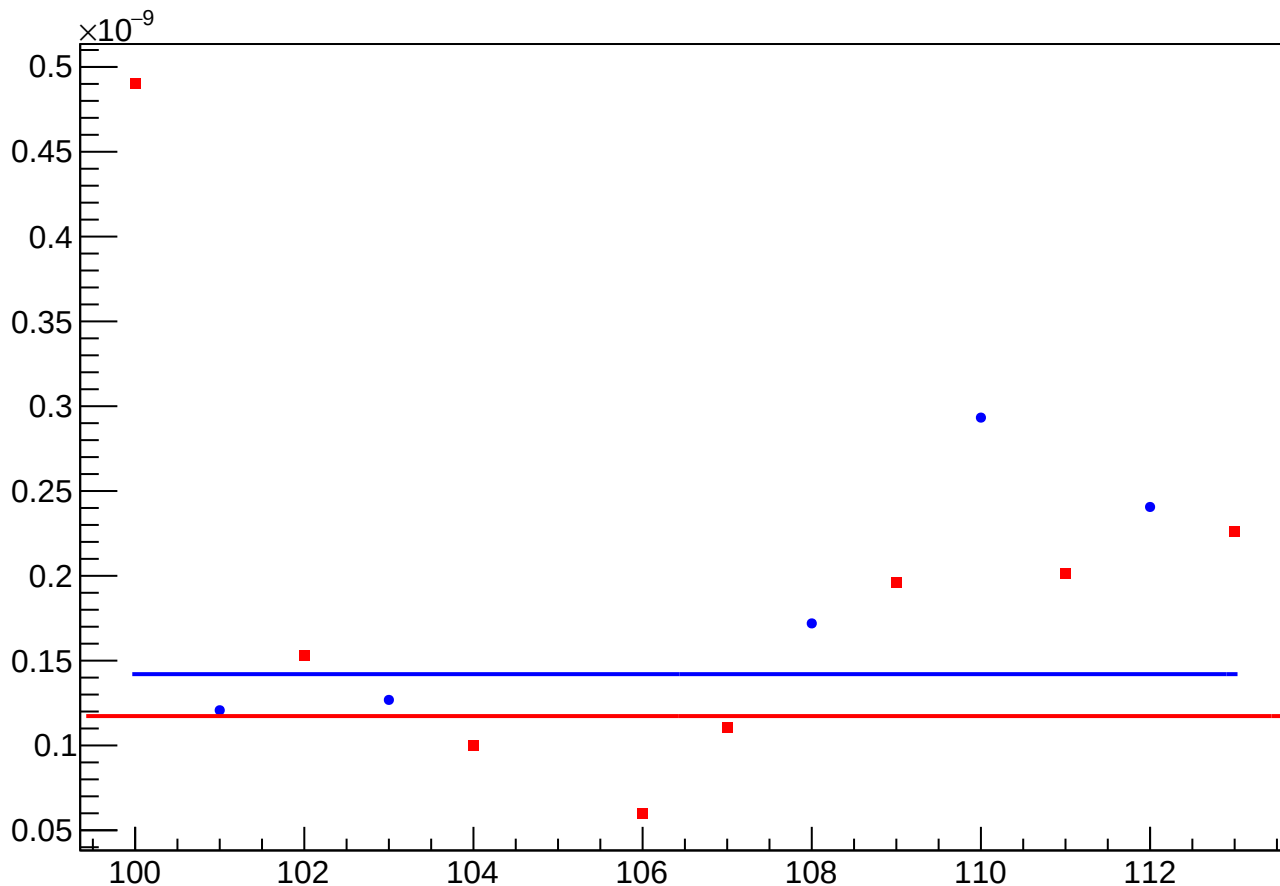
Right: 0.000+/-0.000 χ^2/NDF : 18.8/12

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 : 18.8/12

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 : 447408.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

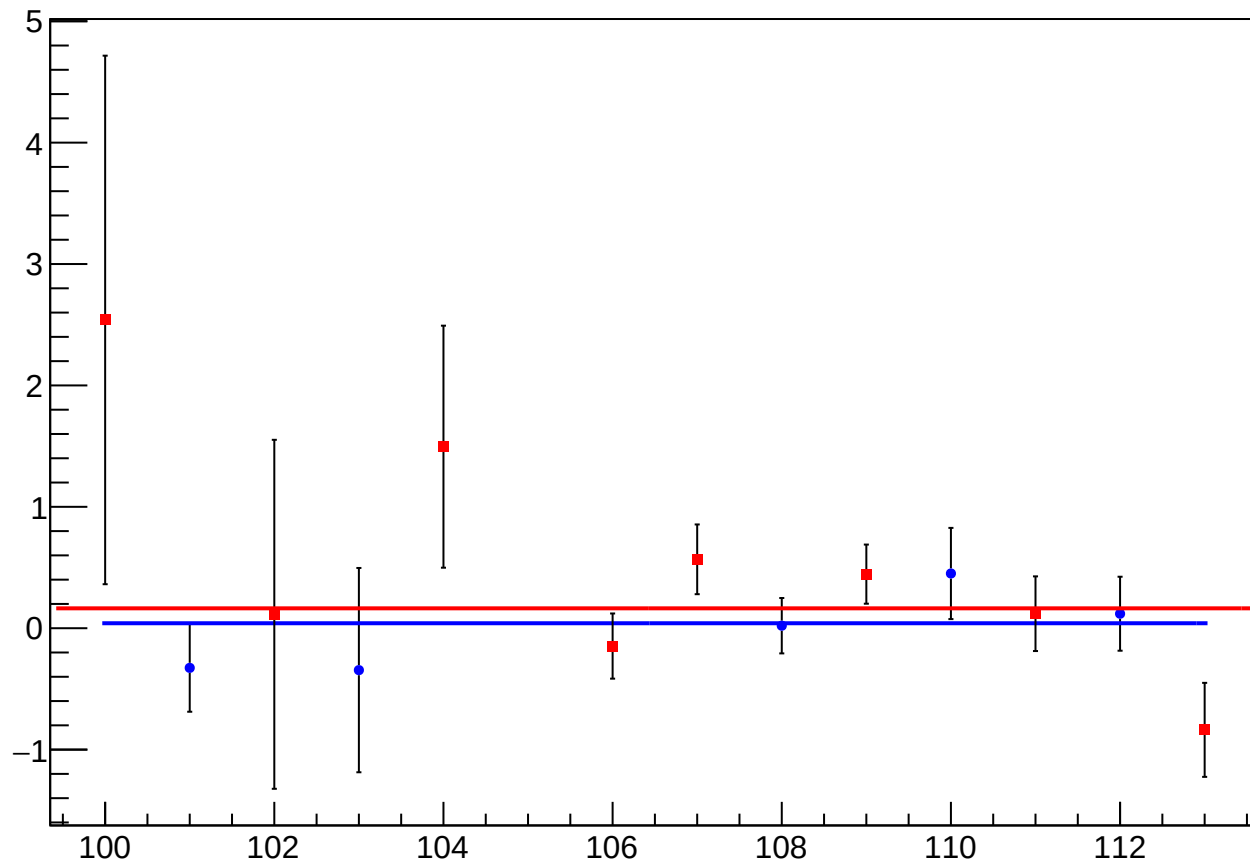
Right: 0.000+/-0.000 χ^2/NDF : 702630.5/12

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 : 702630.5/12

asym_usr_atr2_avg_dit_vs_Slug, Sign Corrected



Right In: 0.041 $\pm$ 0.147 χ^2 /NDF: 2.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.164 $\pm$ 0.127 χ^2 /NDF: 14.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

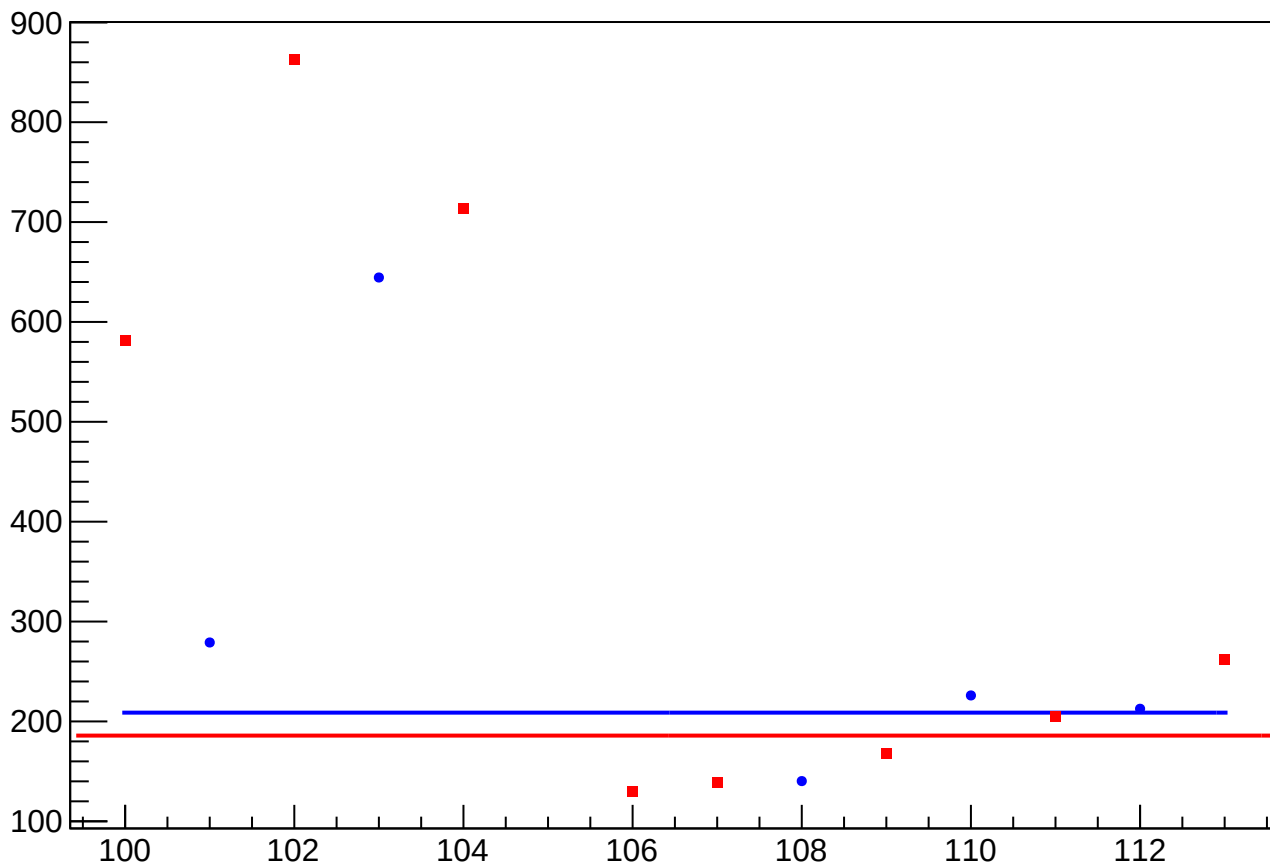
Right: 0.111 $\pm$ 0.096 χ^2 /NDF: 17.2/12

In: 0.041 $\pm$ 0.147 χ^2 /NDF:2.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.111 $\pm$ 0.096 χ^2 /NDF: 17.2/12

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: 185.816+/-0.090 χ^2/NDF : 1304674.3/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

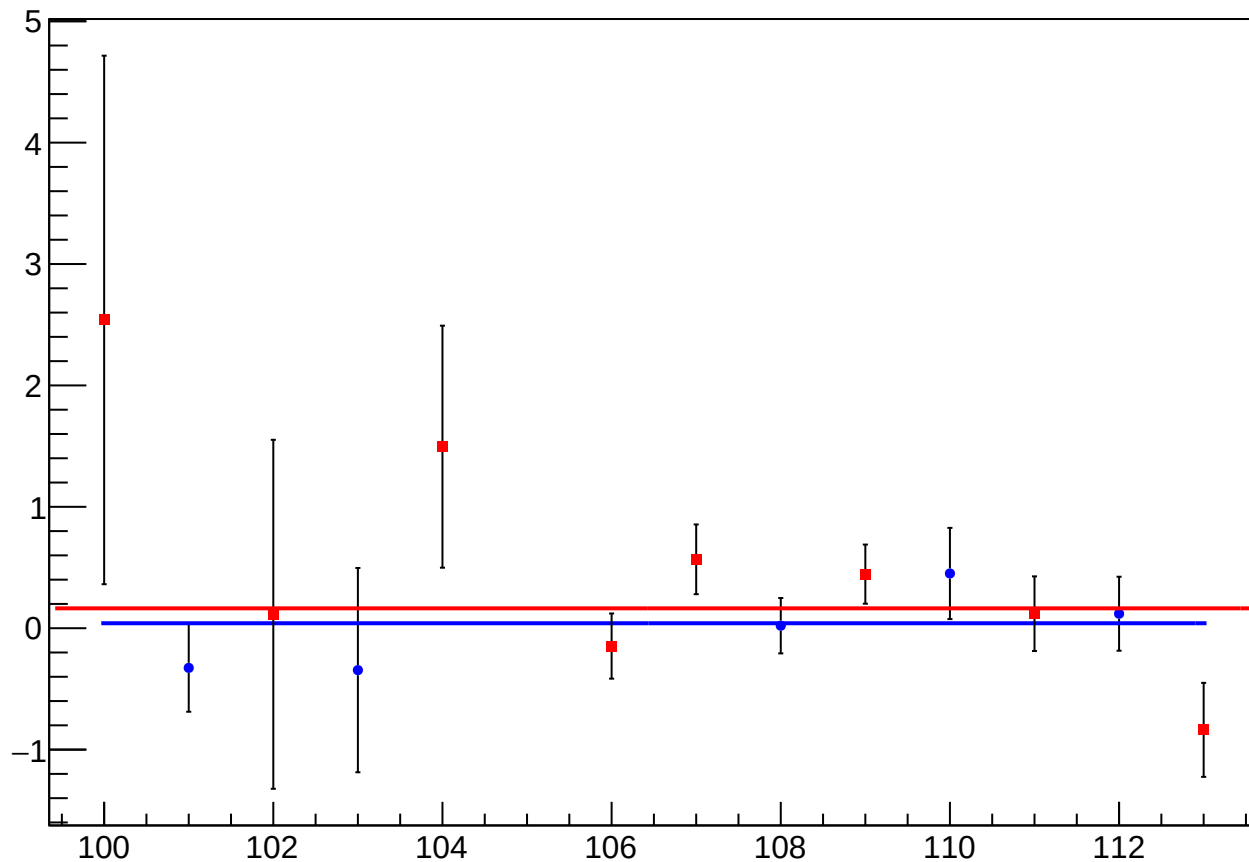
Right: 195.641+/-0.068 χ^2/NDF : 2129376.1/12

In: 208.796+/-0.104 χ^2/NDF :796798.9/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 195.641+/-0.068 χ^2/NDF : 2129376.1/12

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.041 $\pm$ 0.147 χ^2 /NDF: 2.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.164 $\pm$ 0.127 χ^2 /NDF: 14.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

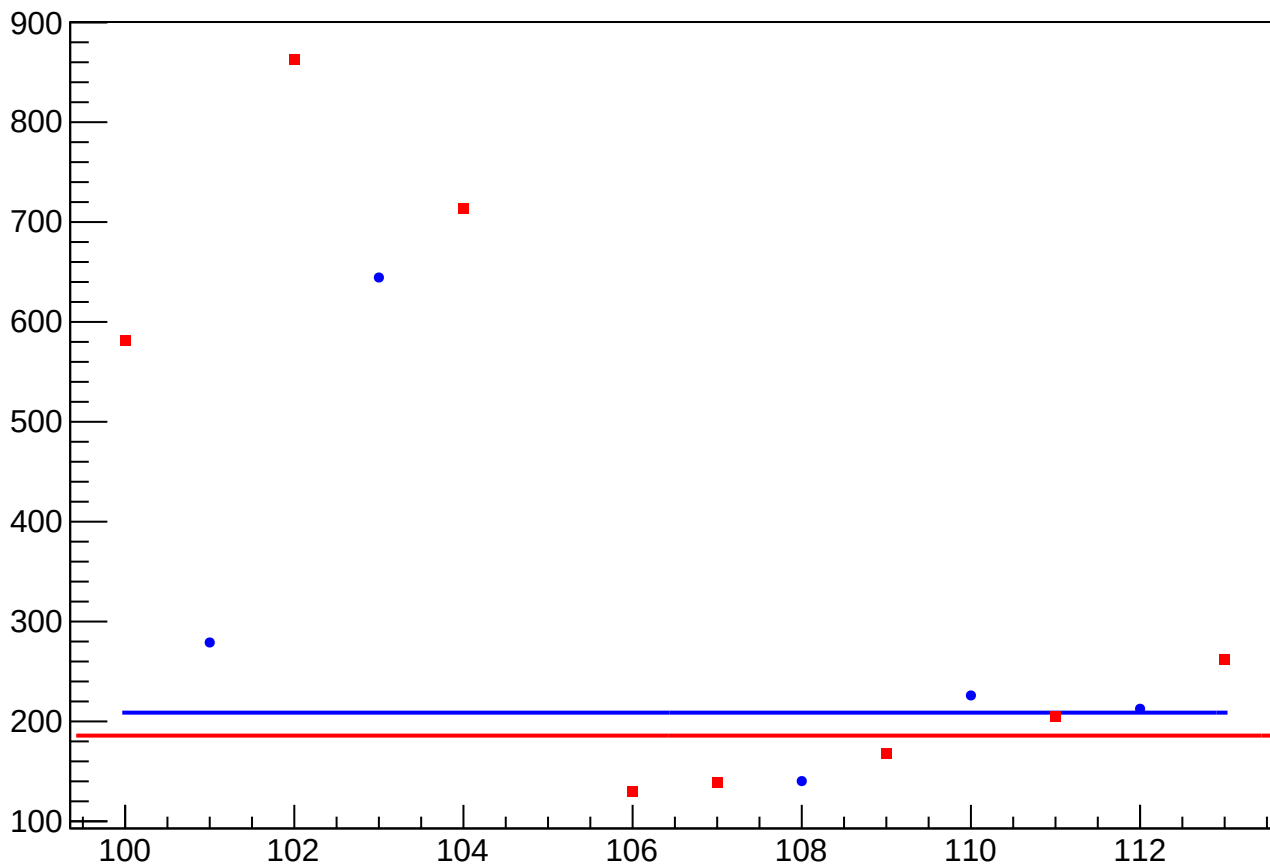
Right: 0.111 $\pm$ 0.096 χ^2 /NDF: 17.2/12

In: 0.041 $\pm$ 0.147 χ^2 /NDF:2.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.111 $\pm$ 0.096 χ^2 /NDF: 17.2/12

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: 185.816+/-0.090 χ^2/NDF : 1304674.3/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

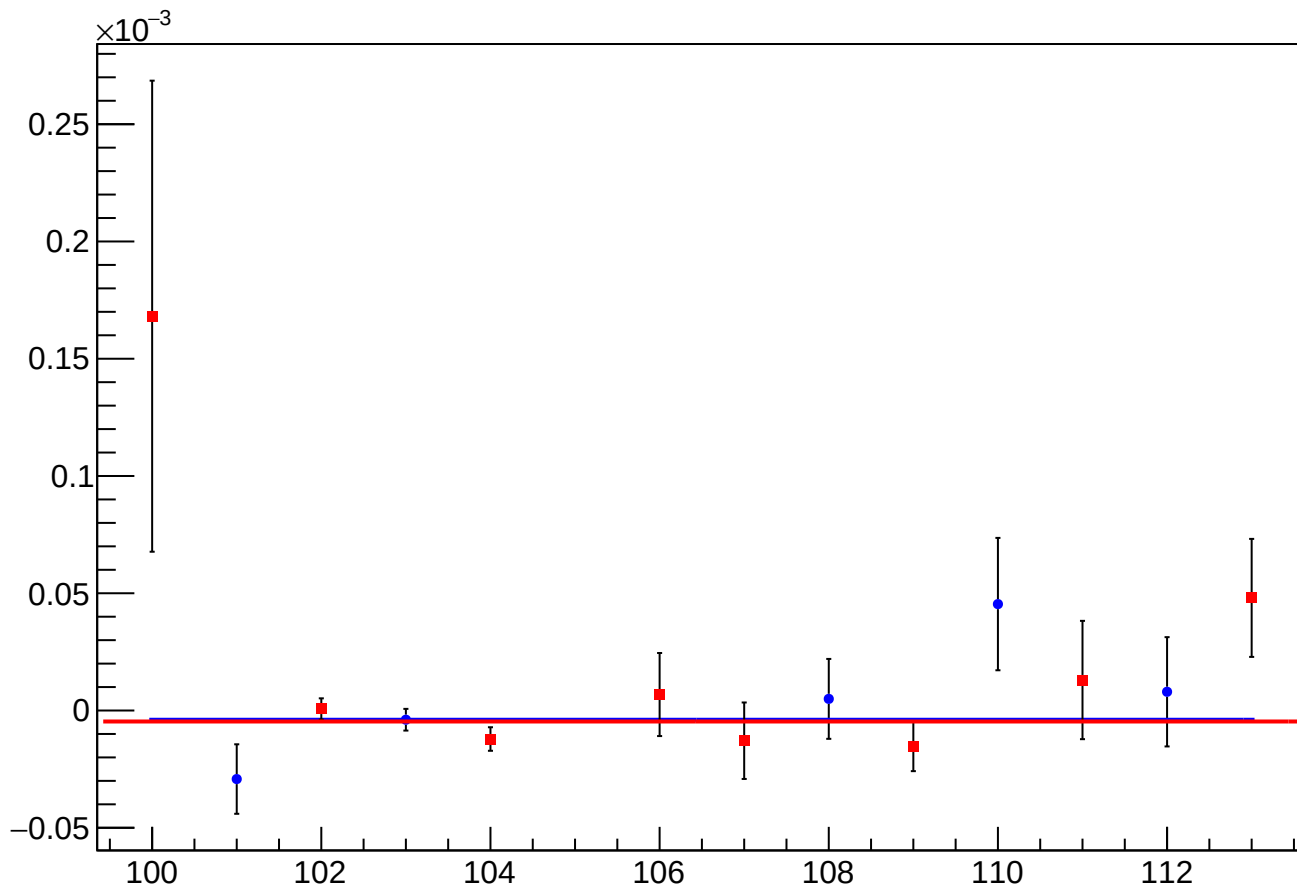
Right: 195.641+/-0.068 χ^2/NDF : 2129376.1/12

In: 208.796+/-0.104 χ^2/NDF :796798.9/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 195.641+/-0.068 χ^2/NDF : 2129376.1/12

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 : 13.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

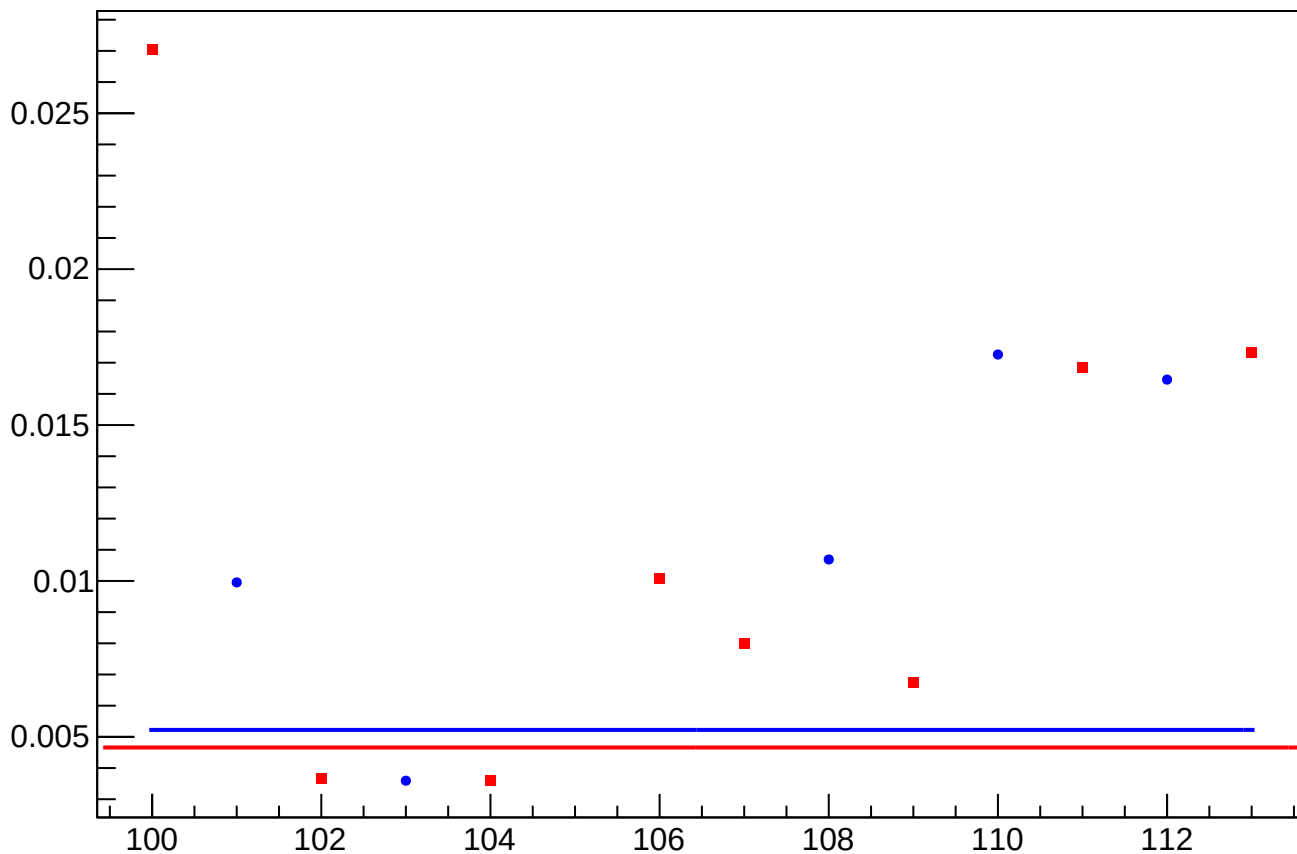
Right: -0.000+/-0.000 χ^2/NDF : 19.6/12

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 : 19.6/12

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: 0.005+/-0.000 χ^2/NDF : 1603045.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

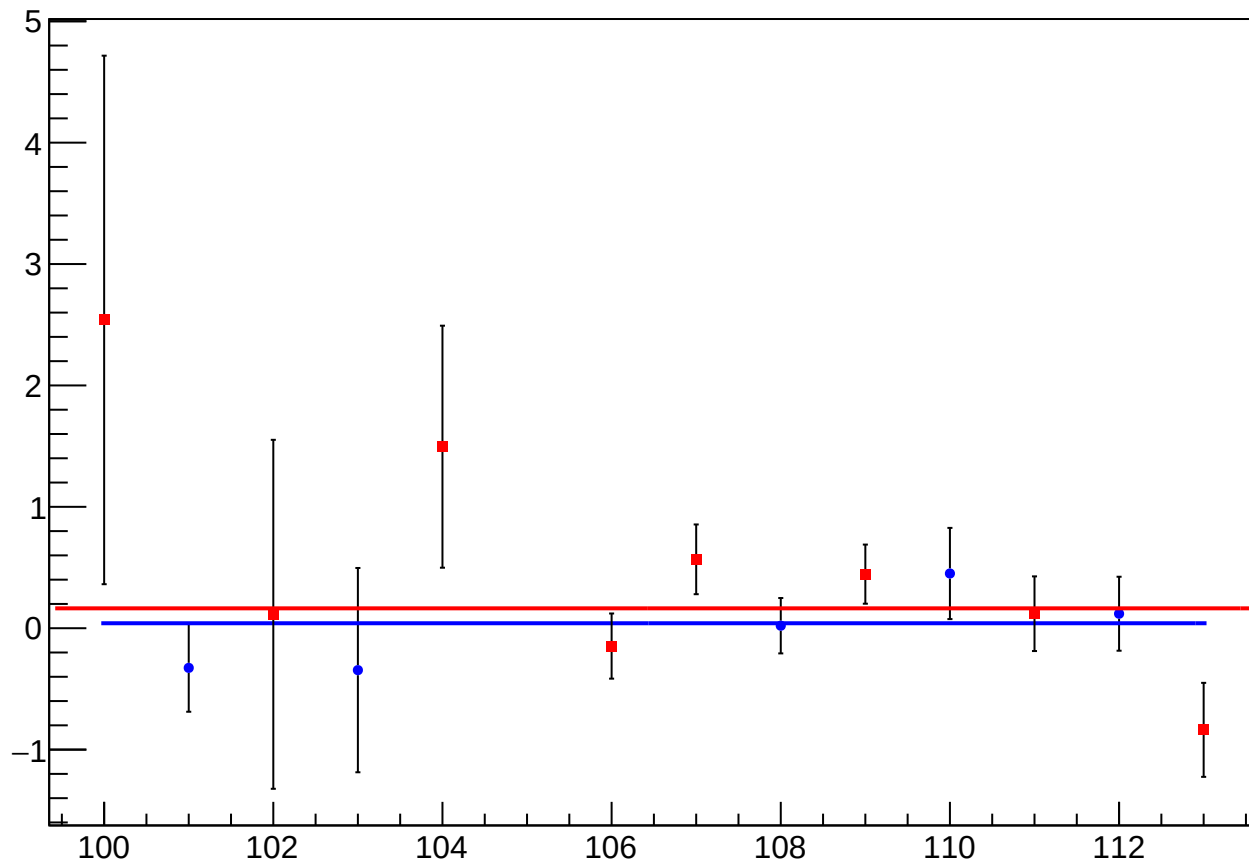
Right: 0.005+/-0.000 χ^2/NDF : 3113684.2/12

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 : 3113684.2/12

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.041 $\pm$ 0.147 χ^2 /NDF: 2.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.164 $\pm$ 0.127 χ^2 /NDF: 14.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

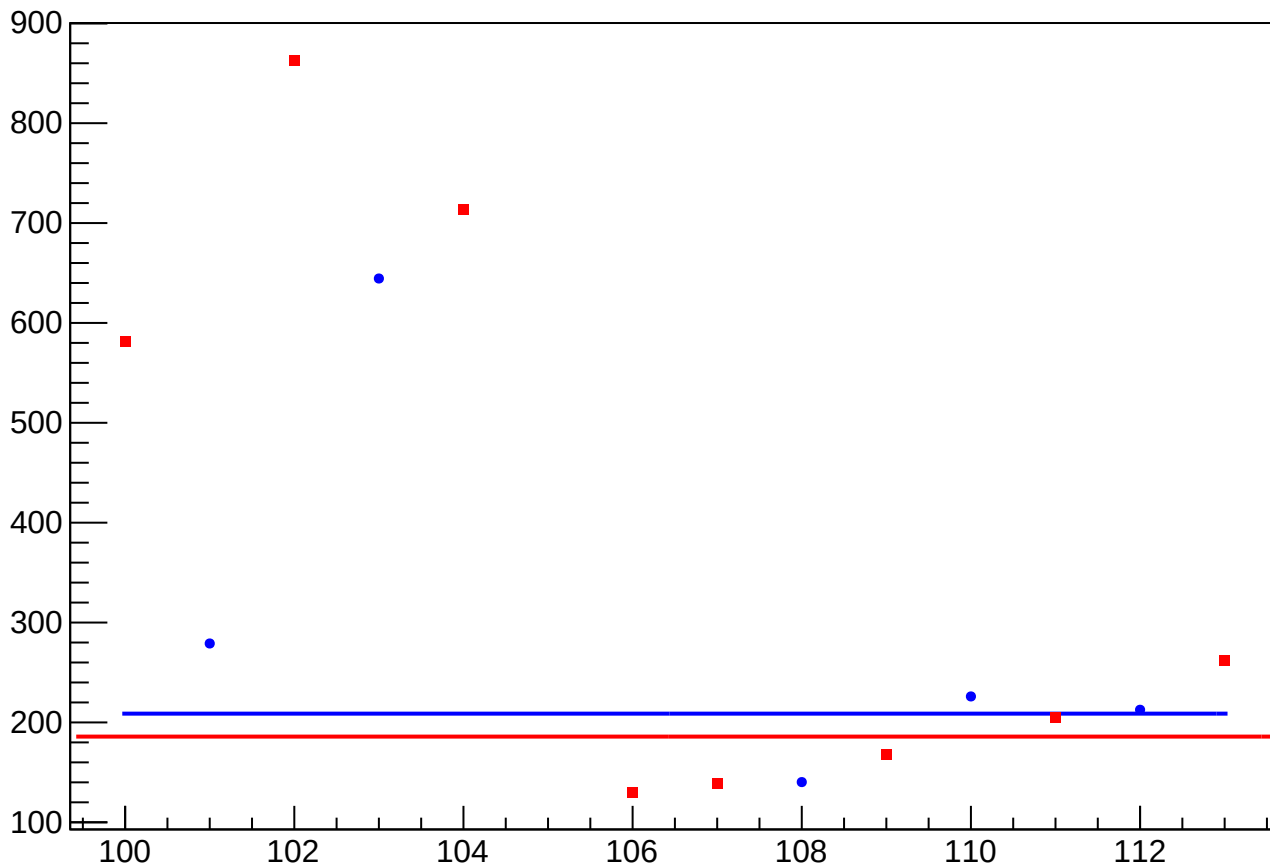
Right: 0.111 $\pm$ 0.096 χ^2 /NDF: 17.2/12

In: 0.041 $\pm$ 0.147 χ^2 /NDF: 2.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.111 $\pm$ 0.096 χ^2 /NDF: 17.2/12

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: 185.816+/-0.090 χ^2/NDF : 1304671.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

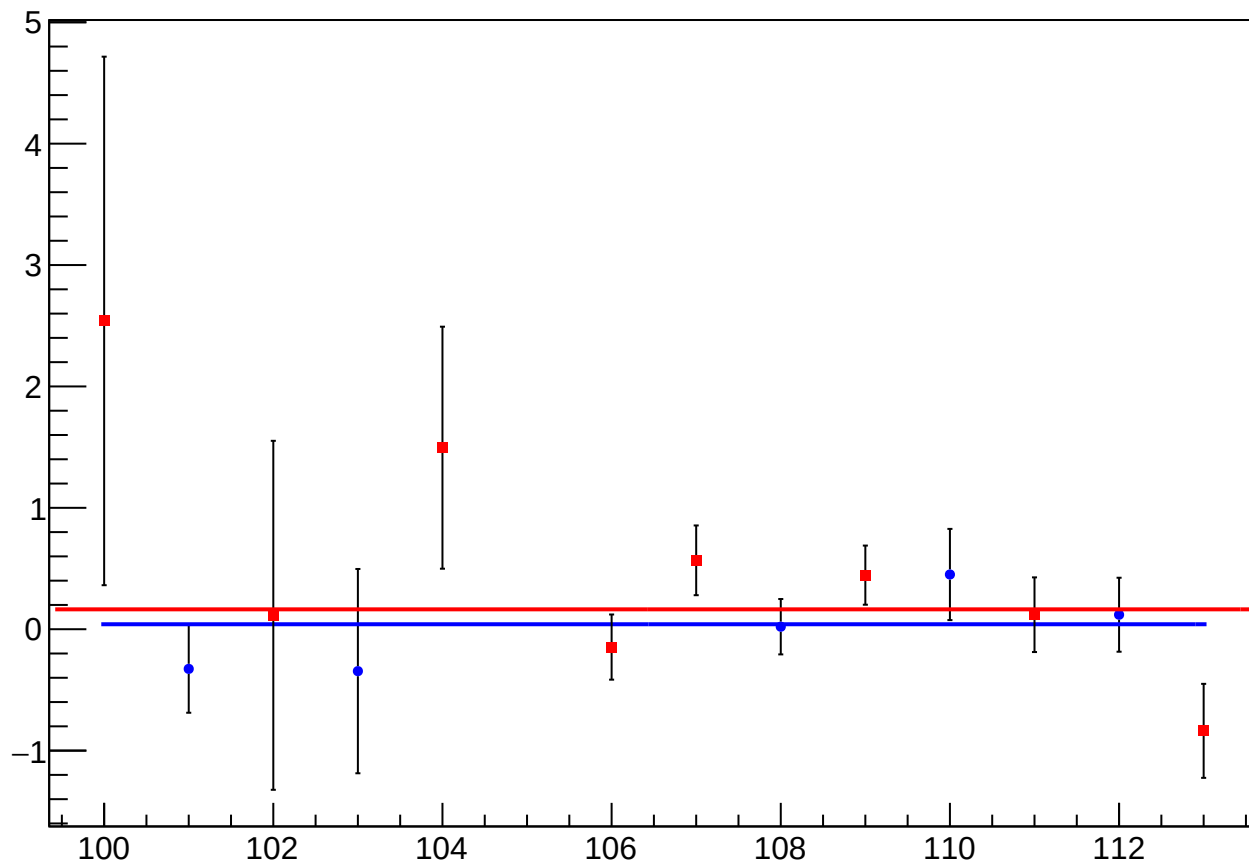
Right: 195.641+/-0.068 χ^2/NDF : 2129384.3/12

In: 208.797+/-0.104 χ^2/NDF : 796809.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.641+/-0.068 χ^2/NDF : 2129384.3/12

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.041 $\pm$ 0.147 χ^2 /NDF: 2.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.164 $\pm$ 0.127 χ^2 /NDF: 14.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

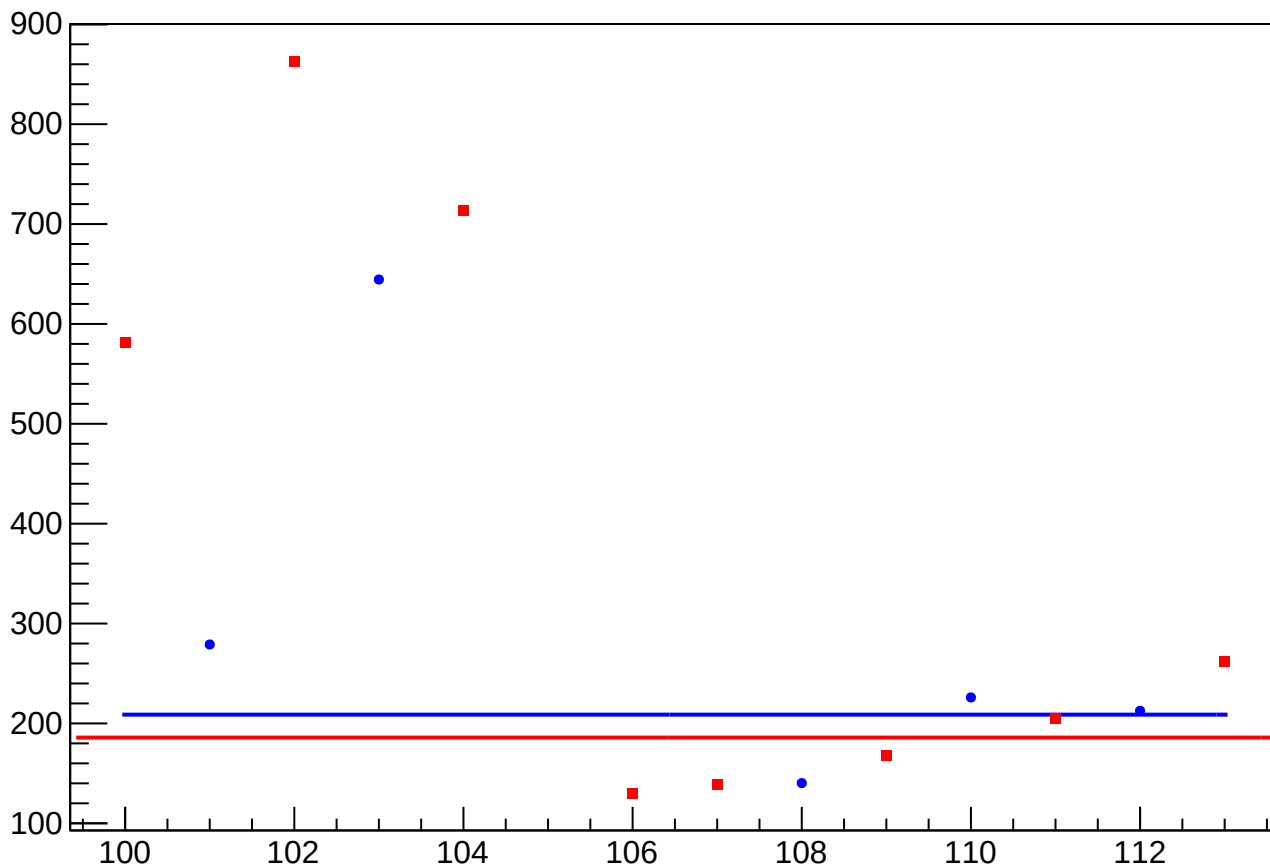
Right: 0.111 $\pm$ 0.096 χ^2 /NDF: 17.2/12

In: 0.041 $\pm$ 0.147 χ^2 /NDF:2.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.111 $\pm$ 0.096 χ^2 /NDF: 17.2/12

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: 185.816+/-0.090 χ^2/NDF : 1304671.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

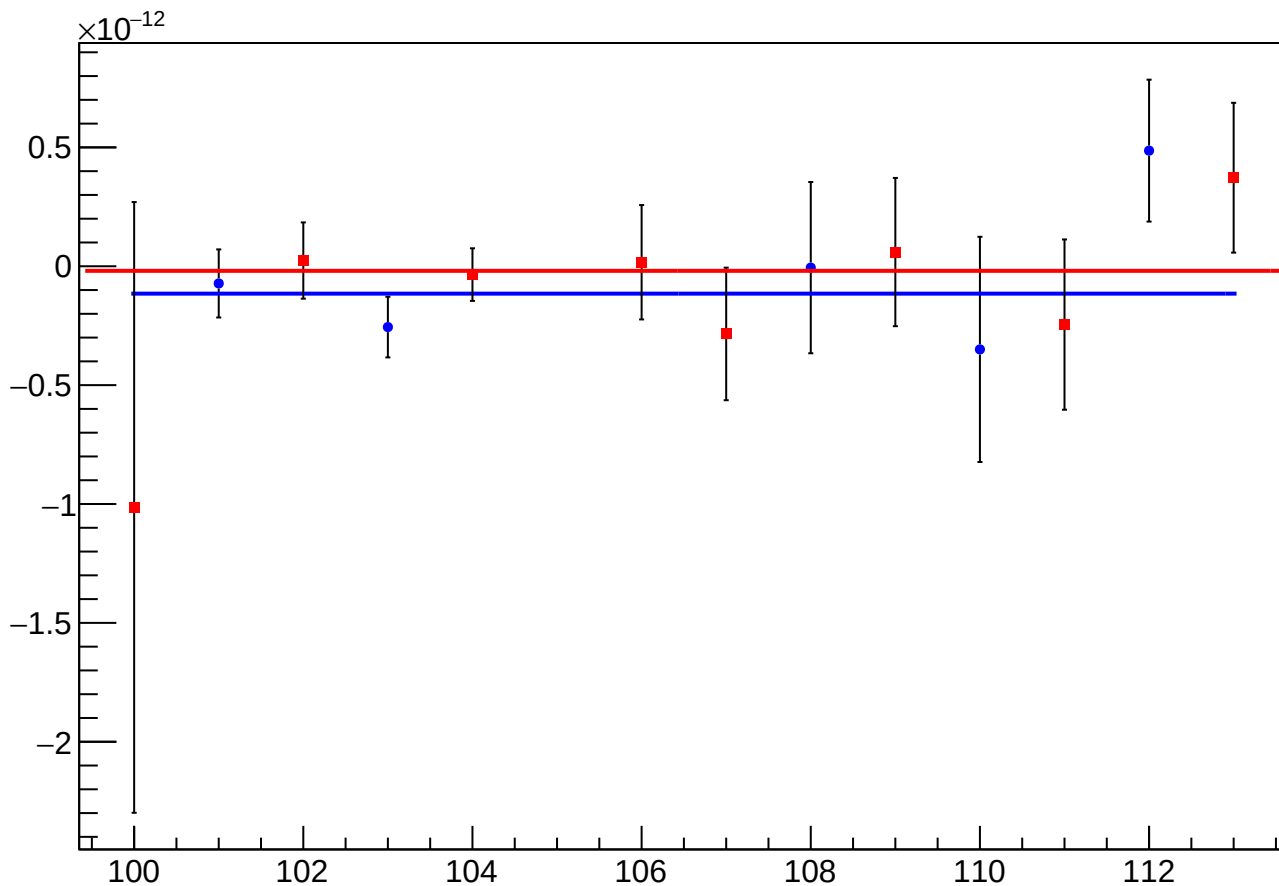
Right: 195.641+/-0.068 χ^2/NDF : 2129384.3/12

In: 208.797+/-0.104 χ^2/NDF :796809.5/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 195.641+/-0.068 χ^2/NDF : 2129384.3/12

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 : 3.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

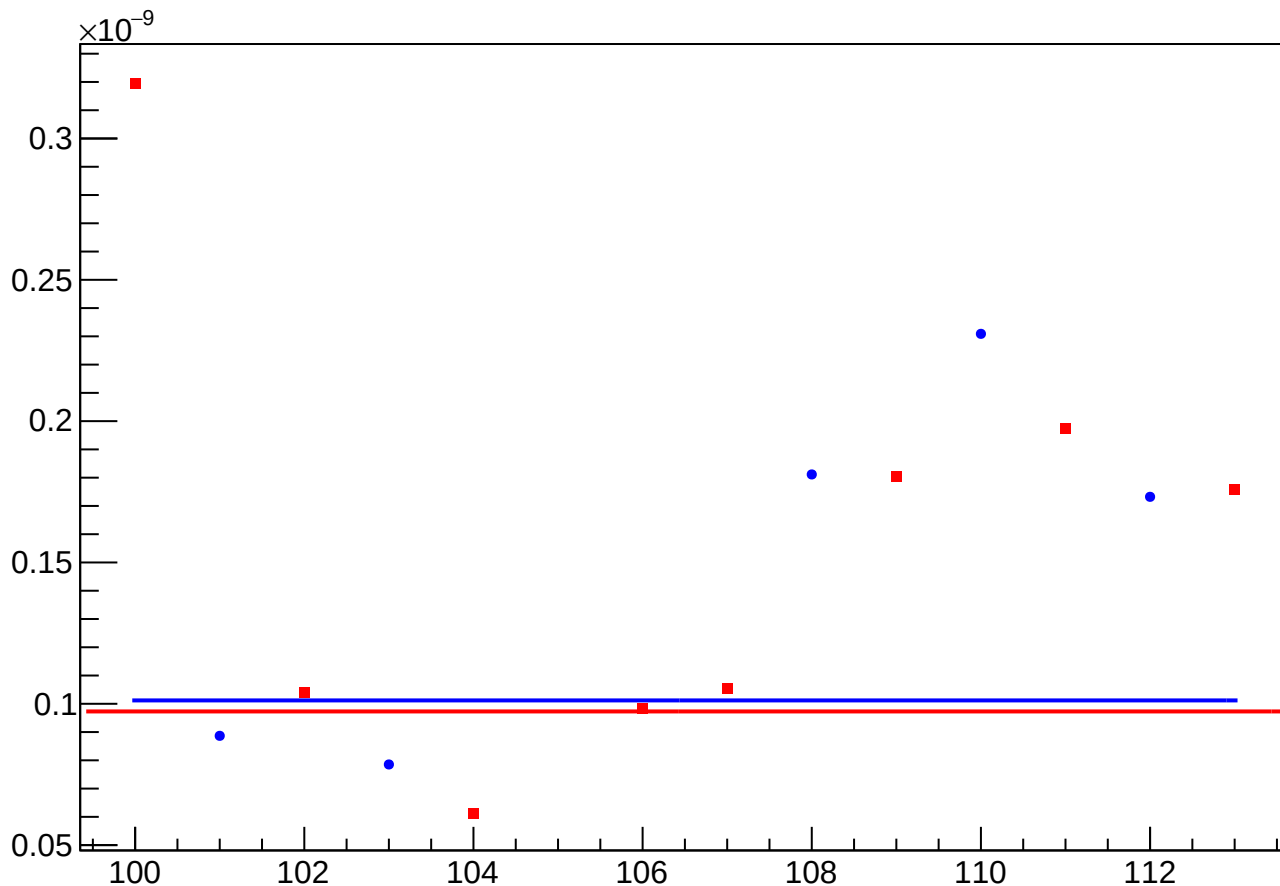
Right: -0.000+/-0.000 χ^2/NDF : 10.0/12

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 : 10.0/12

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 : 702223.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

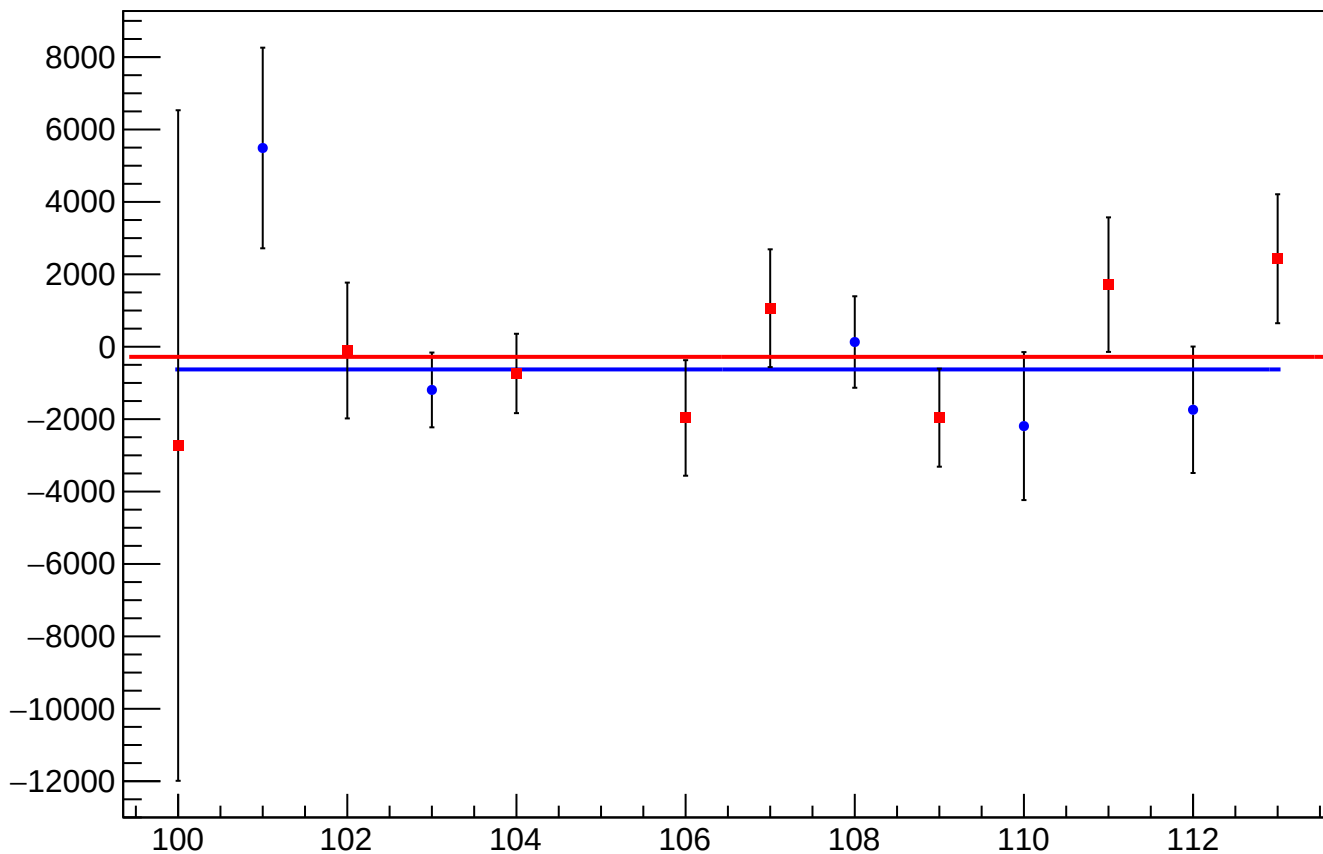
Right: 0.000+/-0.000 χ^2/NDF : 1147958.8/12

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 : 1147958.8/12

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: -279.578+/-572.638 χ^2/NDF : 7.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

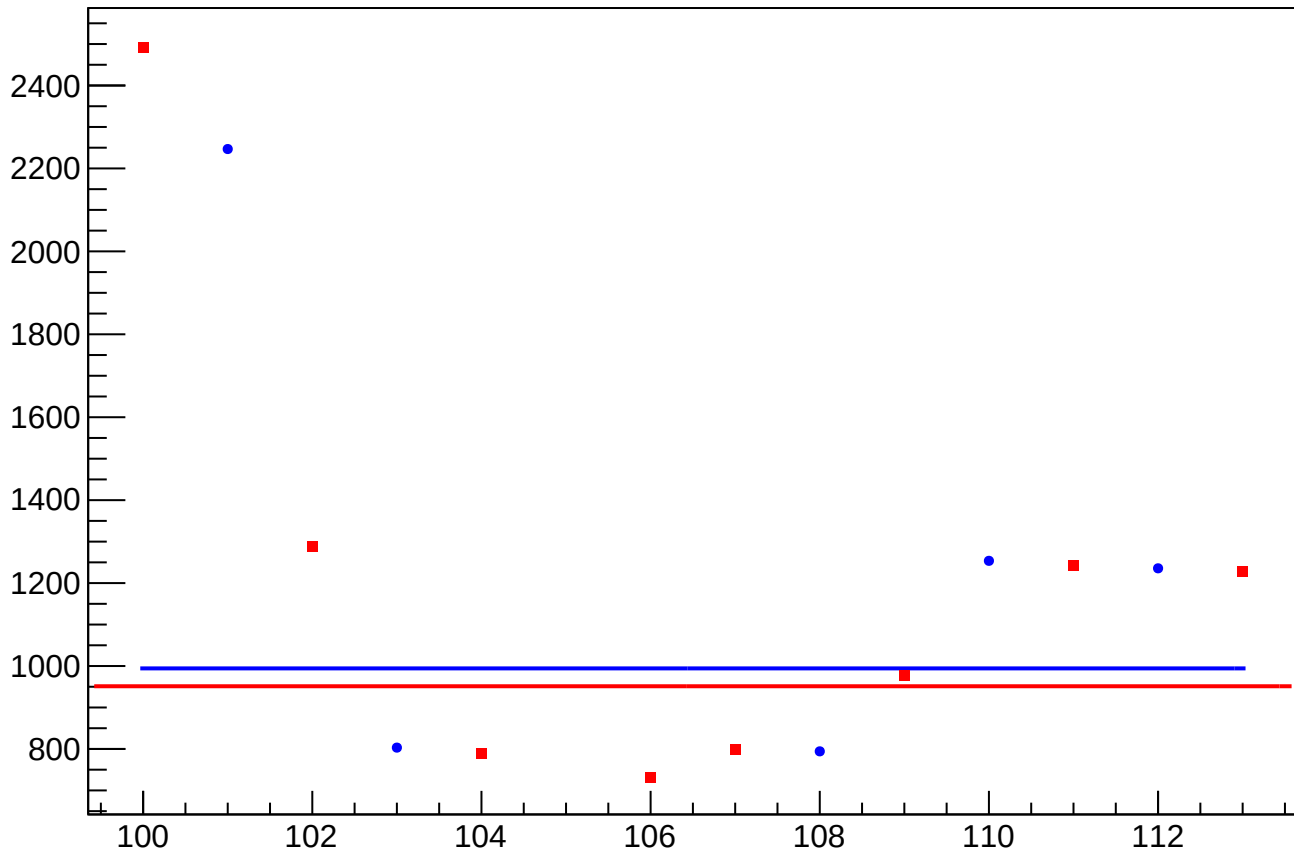
Right: -427.482+/-433.920 χ^2/NDF : 13.7/12

In: -626.930+/-664.974 χ^2/NDF : 6.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -427.482+/-433.920 χ^2/NDF : 13.7/12

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: 951.207+/-0.398 χ^2/NDF : 327102.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

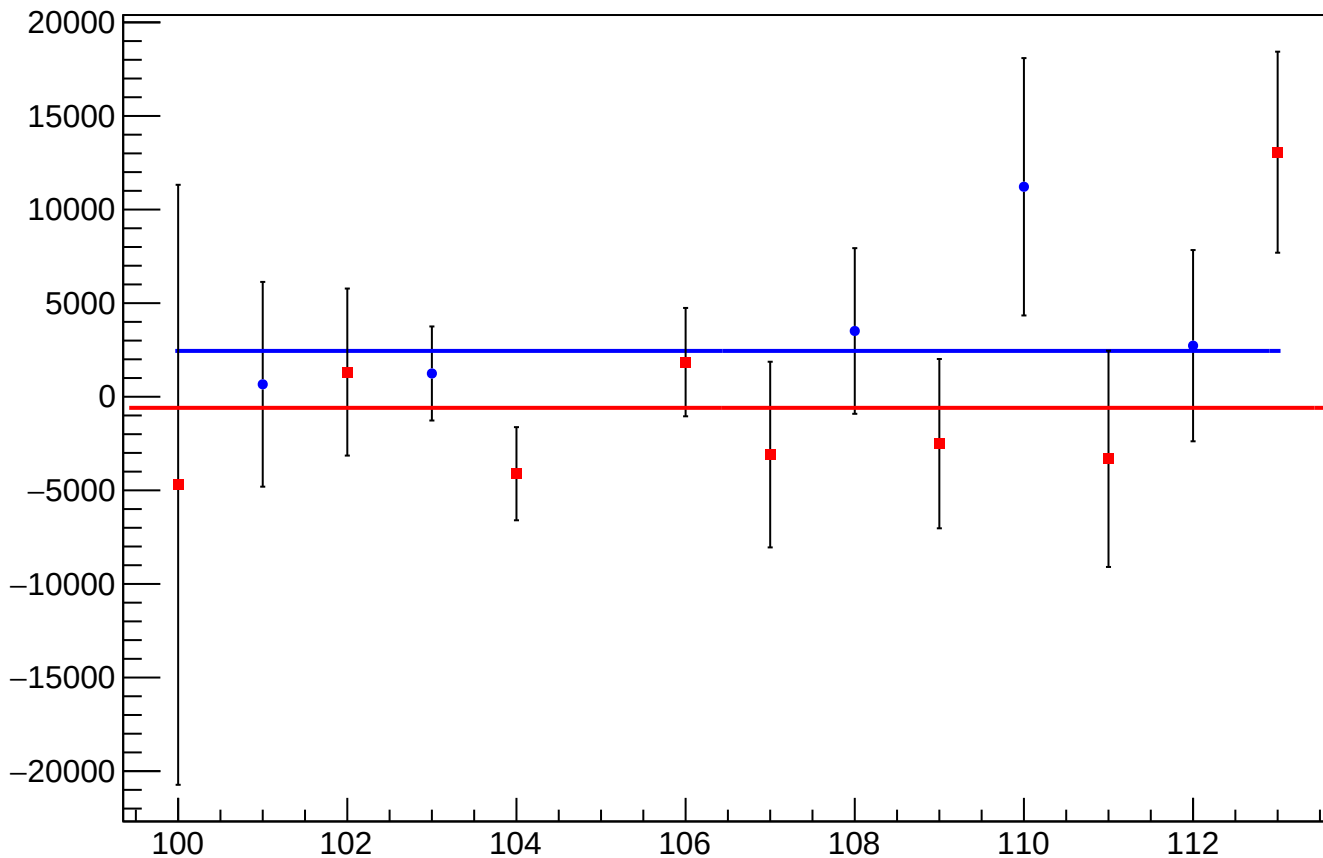
Right: 969.212+/-0.304 χ^2/NDF : 929627.7/12

In: 994.281+/-0.470 χ^2/NDF : 597641.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 969.212+/-0.304 χ^2/NDF : 929627.7/12

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: -592.493+/-1429.676 χ^2/NDF : 10.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

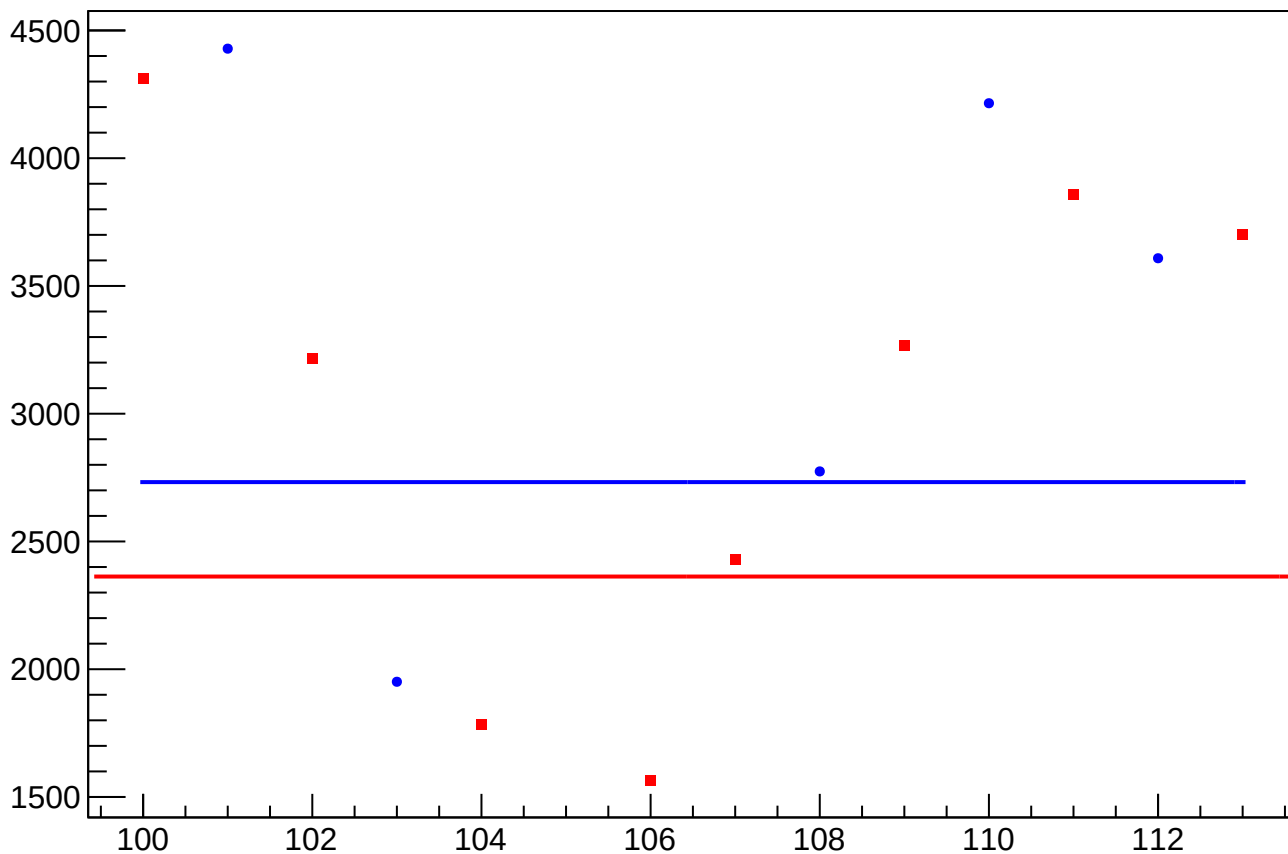
Right: 569.310+/-1123.906 χ^2/NDF : 13.8/12

In: 2448.833+/-1818.424 χ^2/NDF : 2.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 569.310+/-1123.906 χ^2/NDF : 13.8/12

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: 2362.732+/-1.011 χ^2/NDF : 701554.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

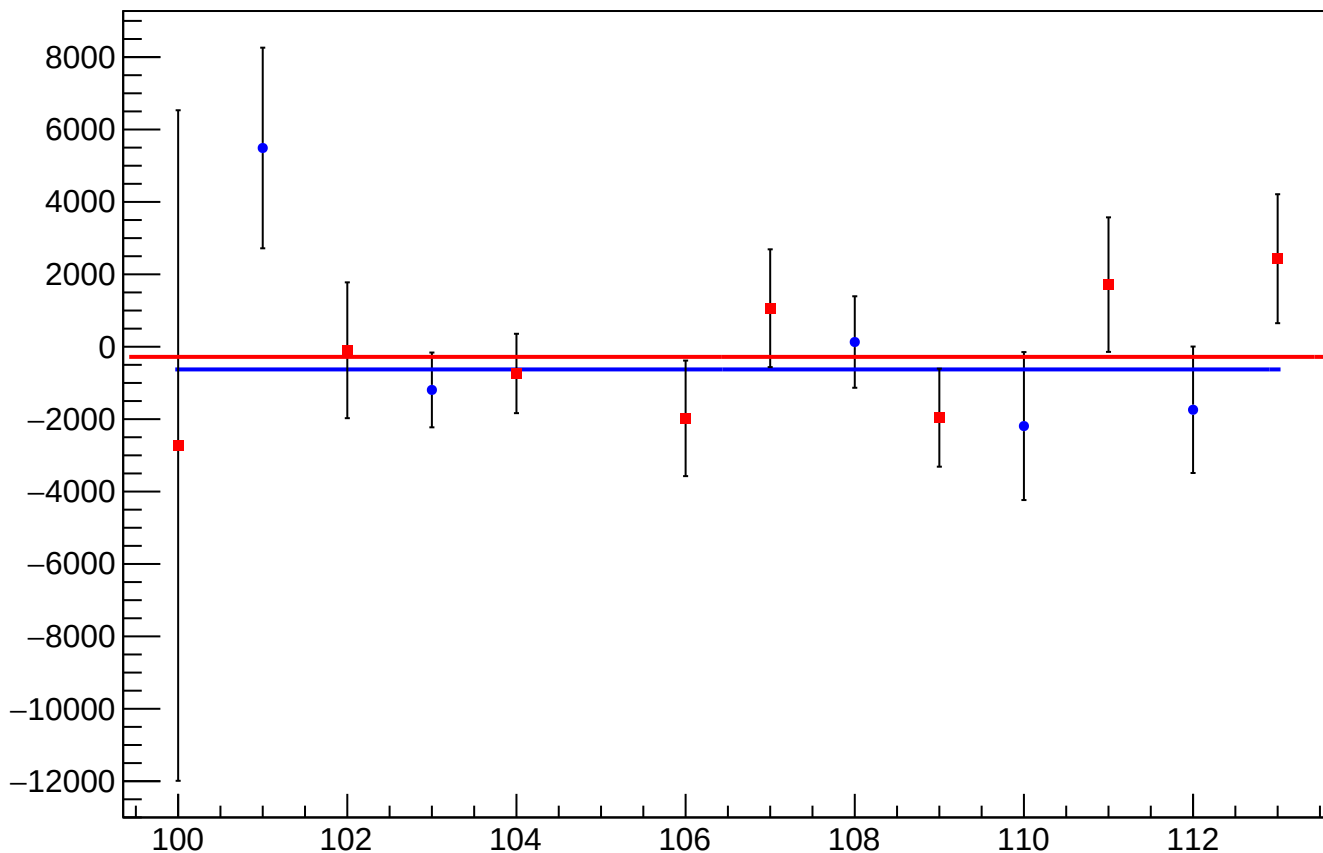
Right: 2503.914+/-0.795 χ^2/NDF : 1290551.3/12

In: 2732.312+/-1.286 χ^2/NDF : 537941.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2503.914+/-0.795 χ^2/NDF : 1290551.3/12

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: -280.155+/-572.649 χ^2/NDF : 7.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

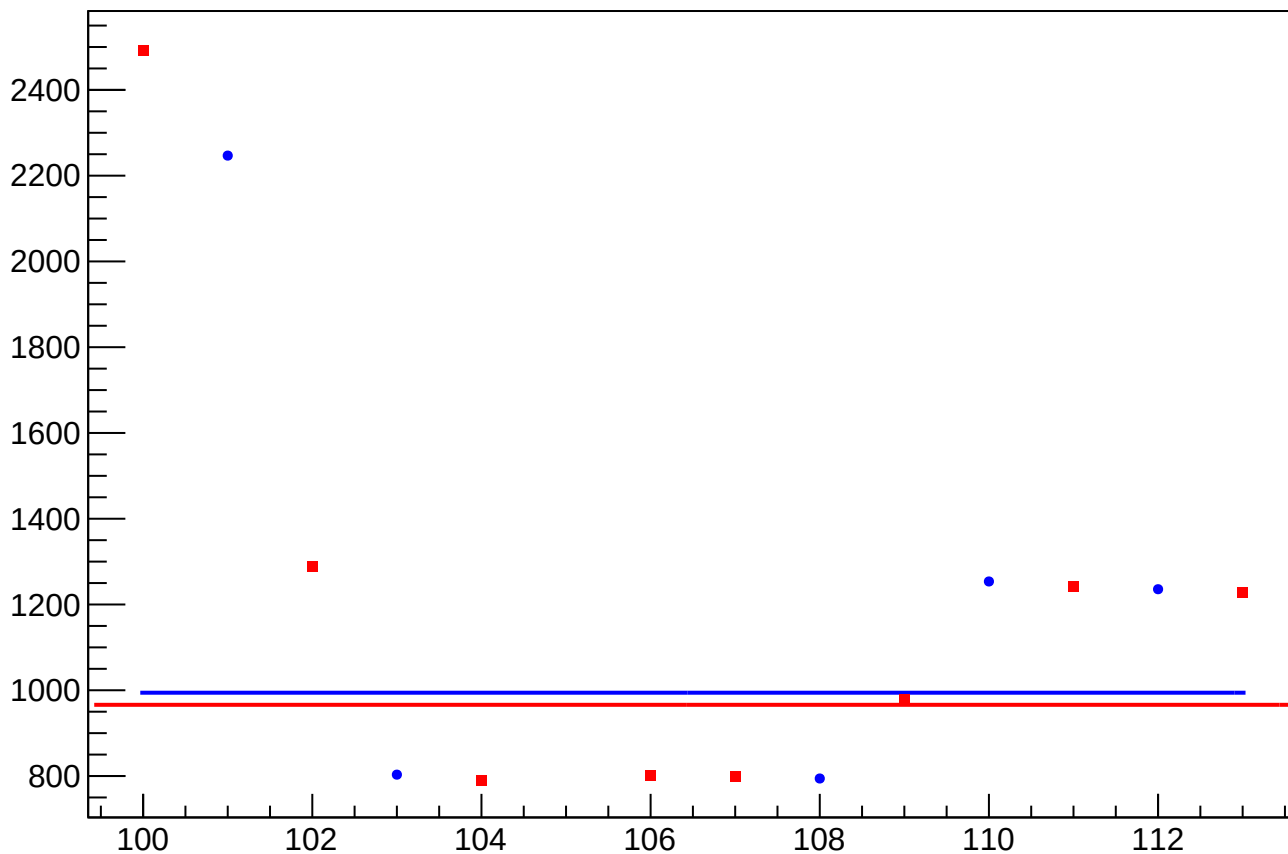
Right: -427.748+/-433.925 χ^2/NDF : 13.8/12

In: -626.769+/-664.975 χ^2/NDF : 6.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -427.748+/-433.925 χ^2/NDF : 13.8/12

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: 966.056+/-0.403 χ^2/NDF : 297015.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

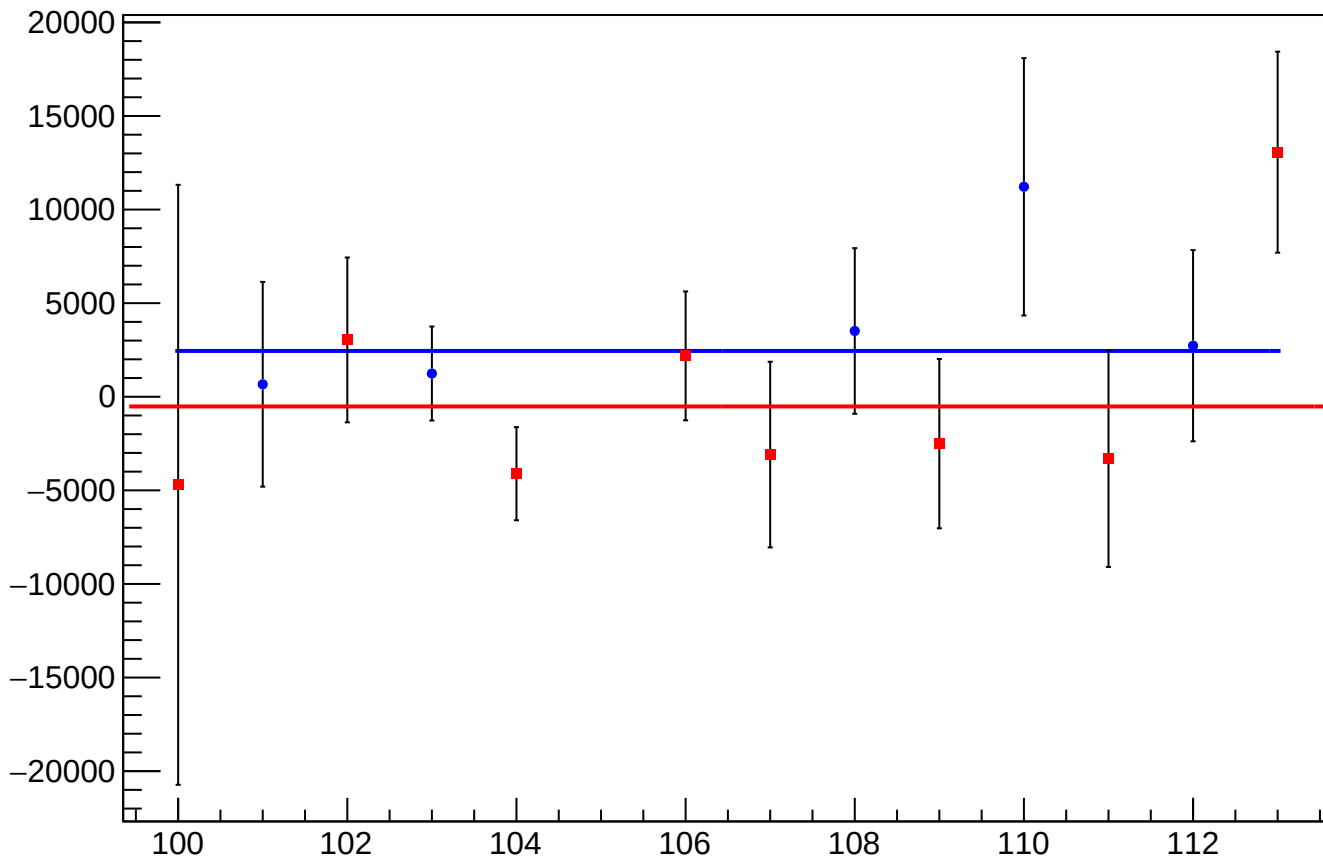
Right: 978.024+/-0.306 χ^2/NDF : 896730.8/12

In: 994.282+/-0.470 χ^2/NDF : 597639.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 978.024+/-0.306 χ^2/NDF : 896730.8/12

asym_usr_atr2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 2447.938+/-1818.586 χ^2/NDF : 2.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -517.506+/-1481.503 χ^2/NDF : 10.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

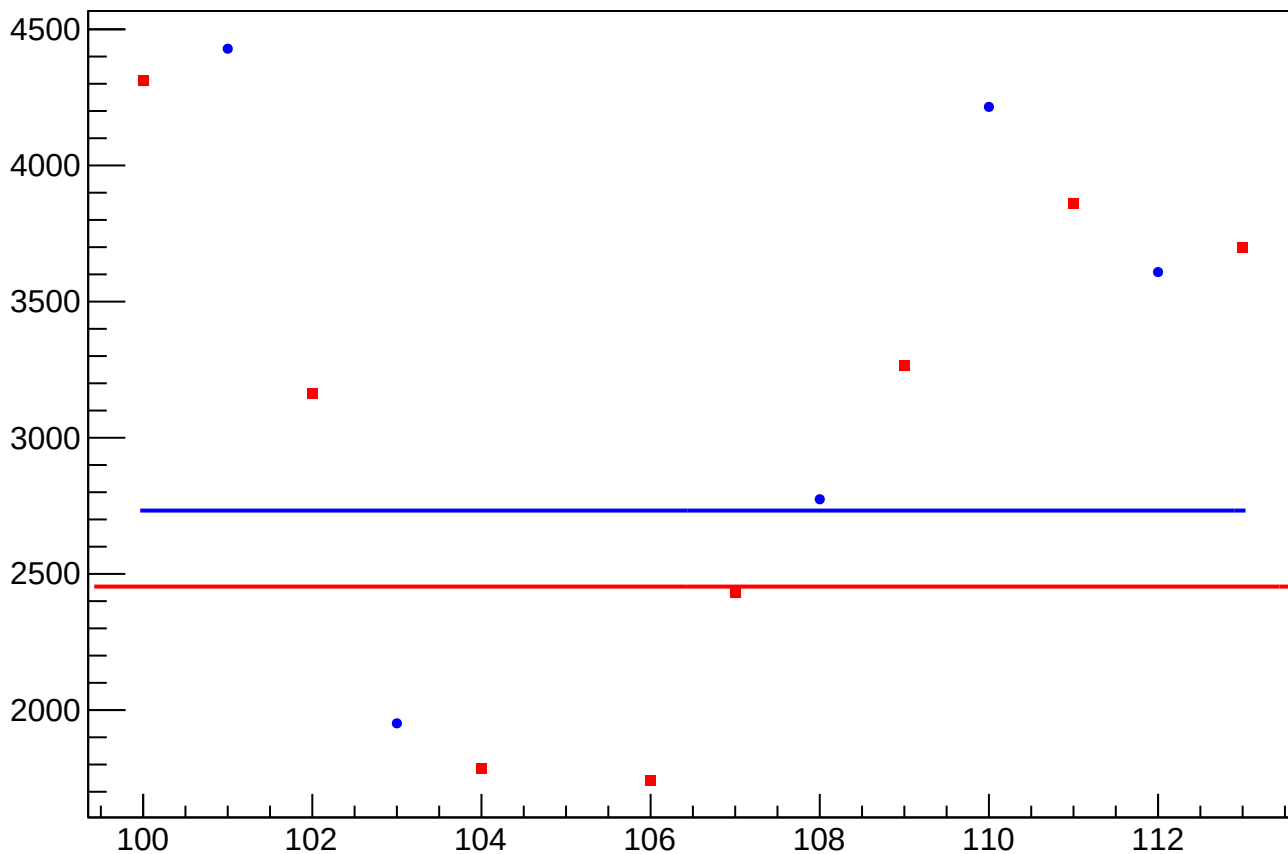
Right: 665.443+/-1148.608 χ^2/NDF : 14.1/12

In: 2447.938+/-1818.586 χ^2/NDF : 2.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 665.443+/-1148.608 χ^2/NDF : 14.1/12

asym_usr_atr2_dd_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: 2453.481+/-1.048 χ^2/NDF : 600246.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

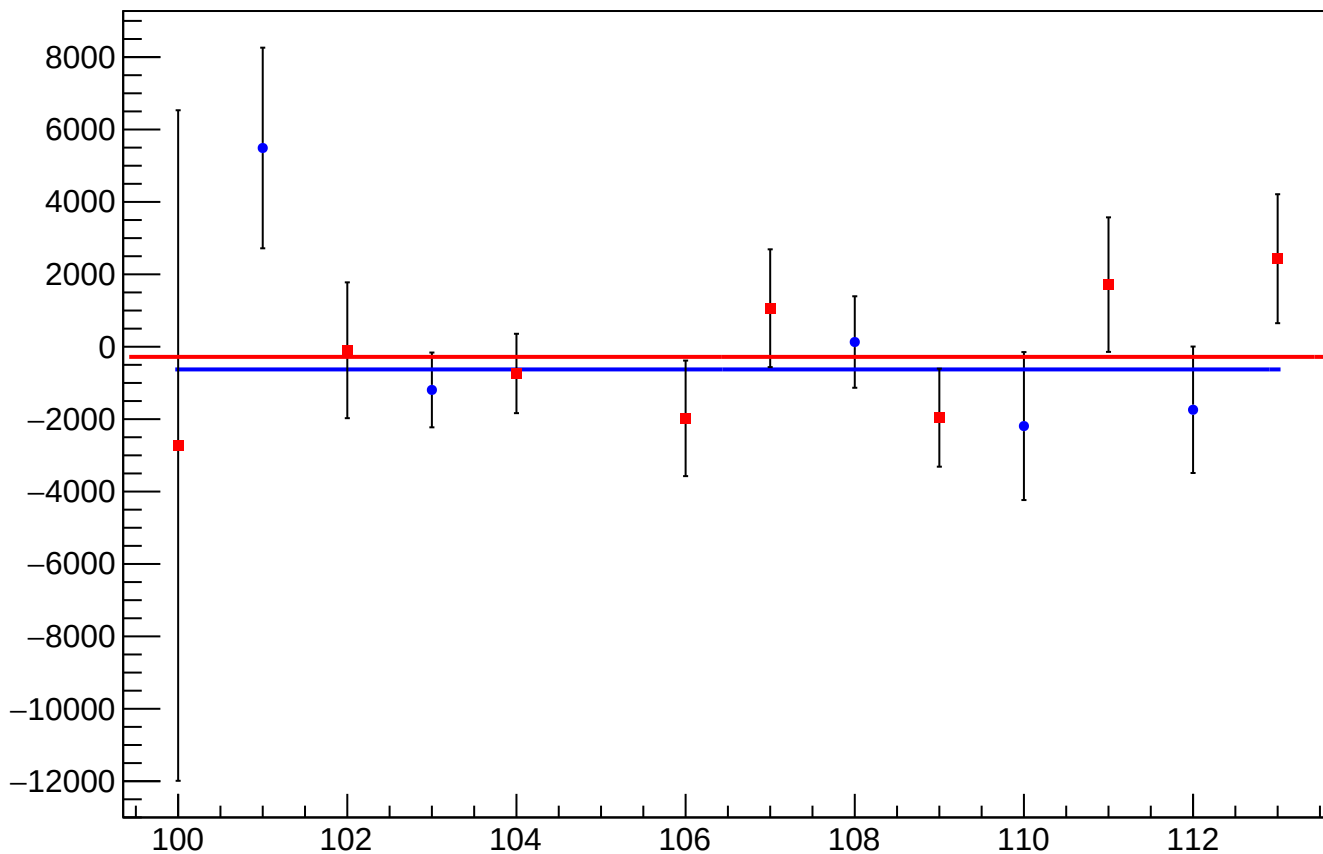
Right: 2564.840+/-0.812 χ^2/NDF : 1166271.9/12

In: 2732.637+/-1.286 χ^2/NDF : 537698.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2564.840+/-0.812 χ^2/NDF : 1166271.9/12

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: -280.155+/-572.649 χ^2/NDF : 7.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

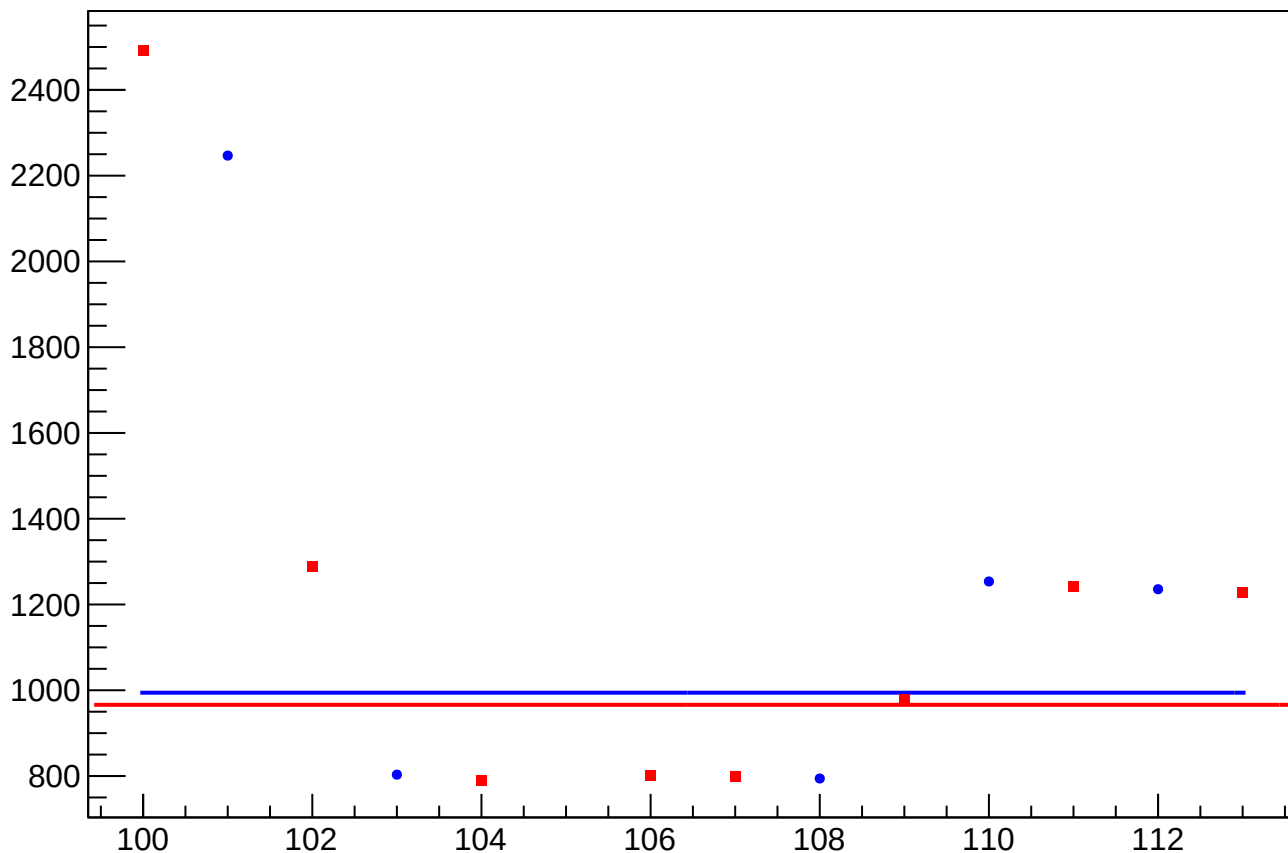
Right: -427.748+/-433.925 χ^2/NDF : 13.8/12

In: -626.769+/-664.975 χ^2/NDF : 6.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -427.748+/-433.925 χ^2/NDF : 13.8/12

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: 966.056+/-0.403 χ^2/NDF : 297015.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

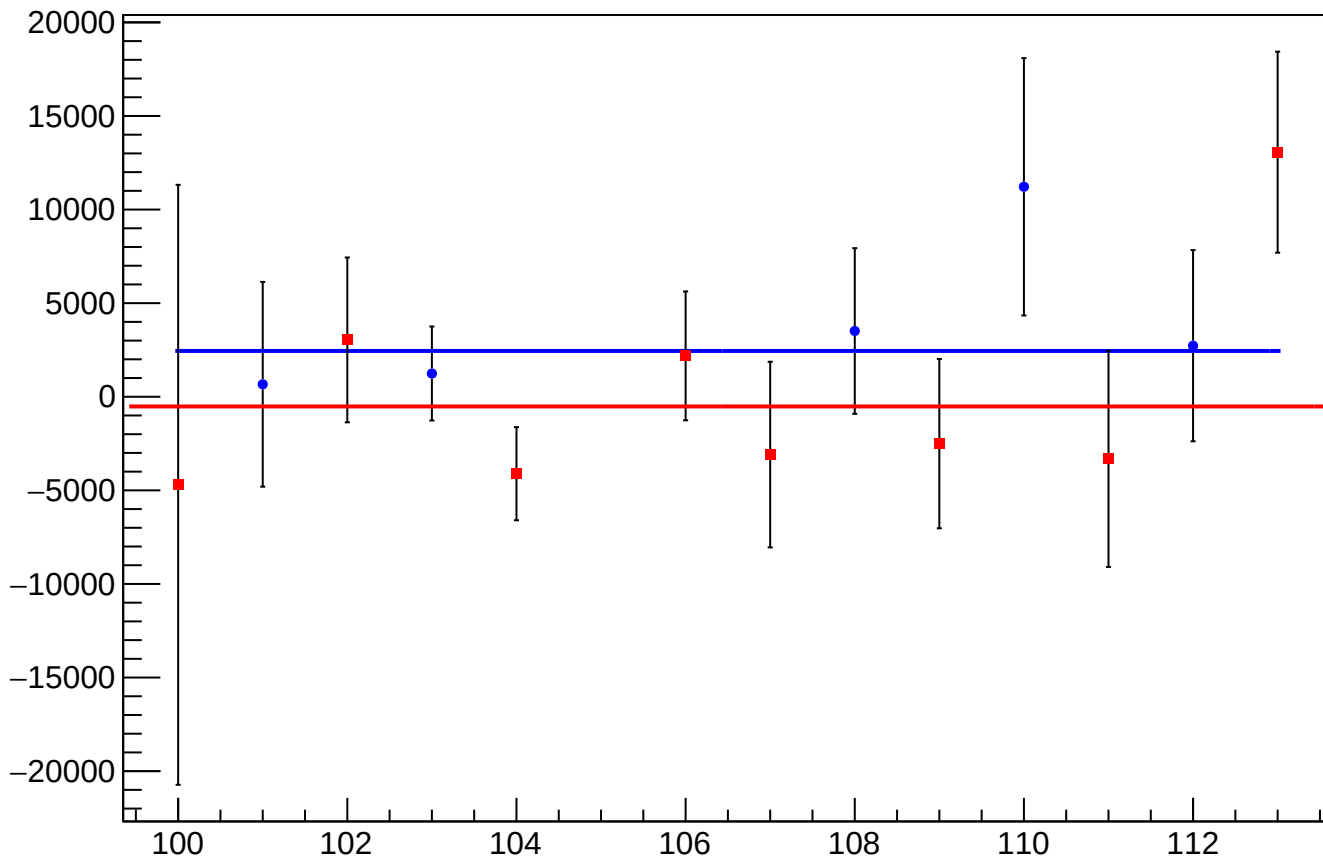
Right: 978.024+/-0.306 χ^2/NDF : 896730.8/12

In: 994.282+/-0.470 χ^2/NDF : 597639.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 978.024+/-0.306 χ^2/NDF : 896730.8/12

asym_usr_atr2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2447.938+/-1818.586 χ^2/NDF : 2.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -517.506+/-1481.503 χ^2/NDF : 10.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

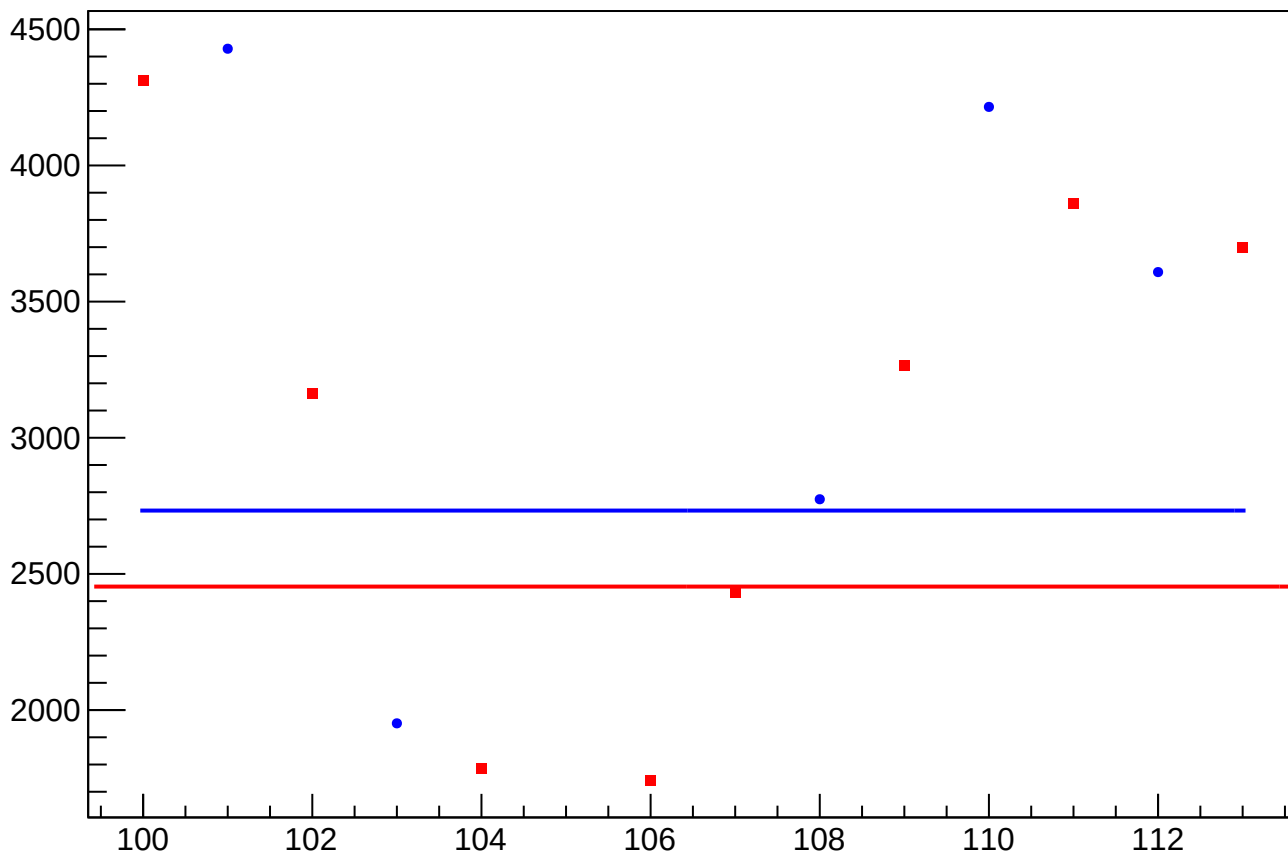
Right: 665.443+/-1148.608 χ^2/NDF : 14.1/12

In: 2447.938+/-1818.586 χ^2/NDF : 2.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 665.443+/-1148.608 χ^2/NDF : 14.1/12

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: 2453.481+/-1.048 χ^2/NDF : 600246.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

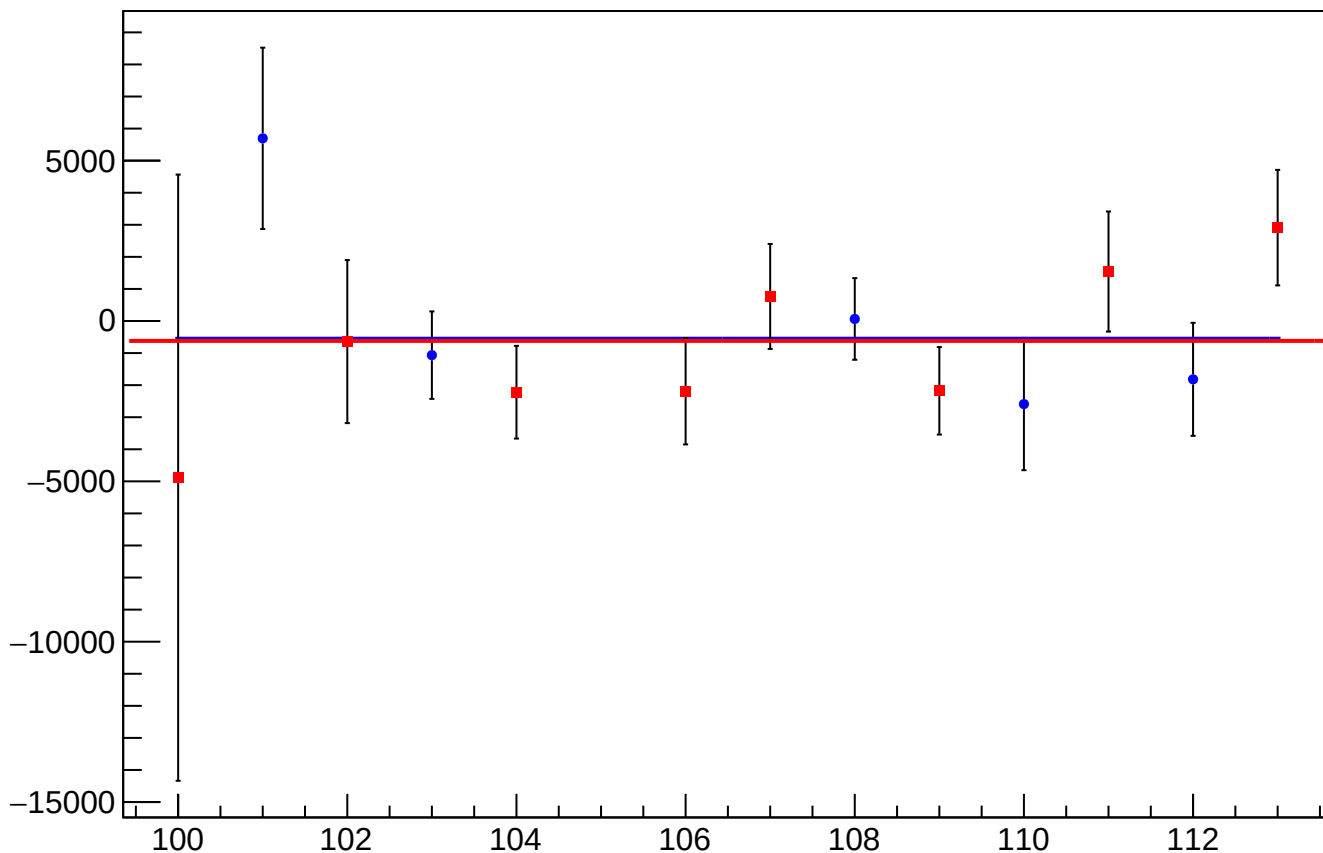
Right: 2564.840+/-0.812 χ^2/NDF : 1166271.9/12

In: 2732.637+/-1.286 χ^2/NDF : 537698.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2564.840+/-0.812 χ^2/NDF : 1166271.9/12

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: -620.395+/-630.998 χ^2 /NDF: 9.5/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

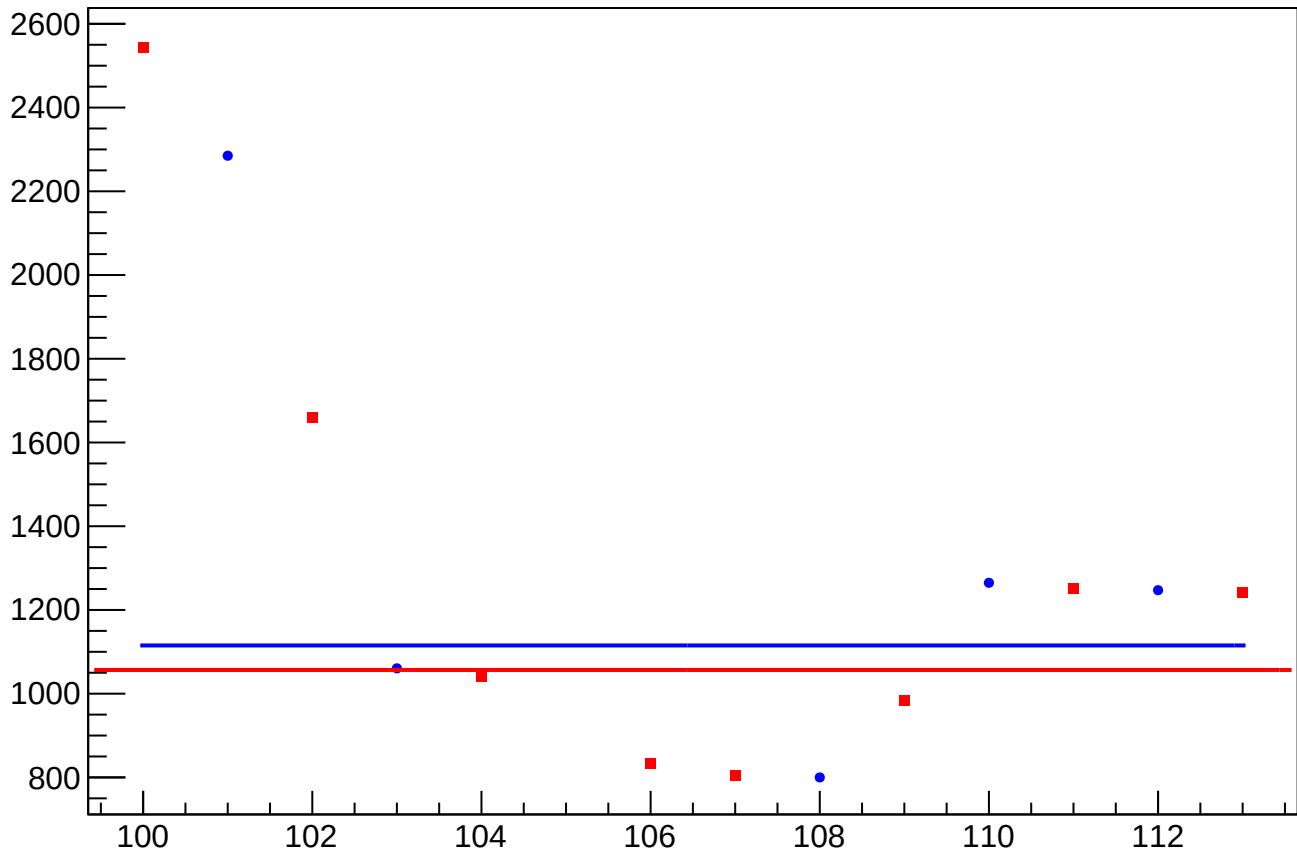
Right: -591.745+/-479.523 χ^2 /NDF: 16.3/12

In: -552.582+/-737.738 χ^2 /NDF:6.8/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -591.745+/-479.523 χ^2 /NDF: 16.3/12

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: 1056.655+/-0.446 χ^2/NDF : 294996.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

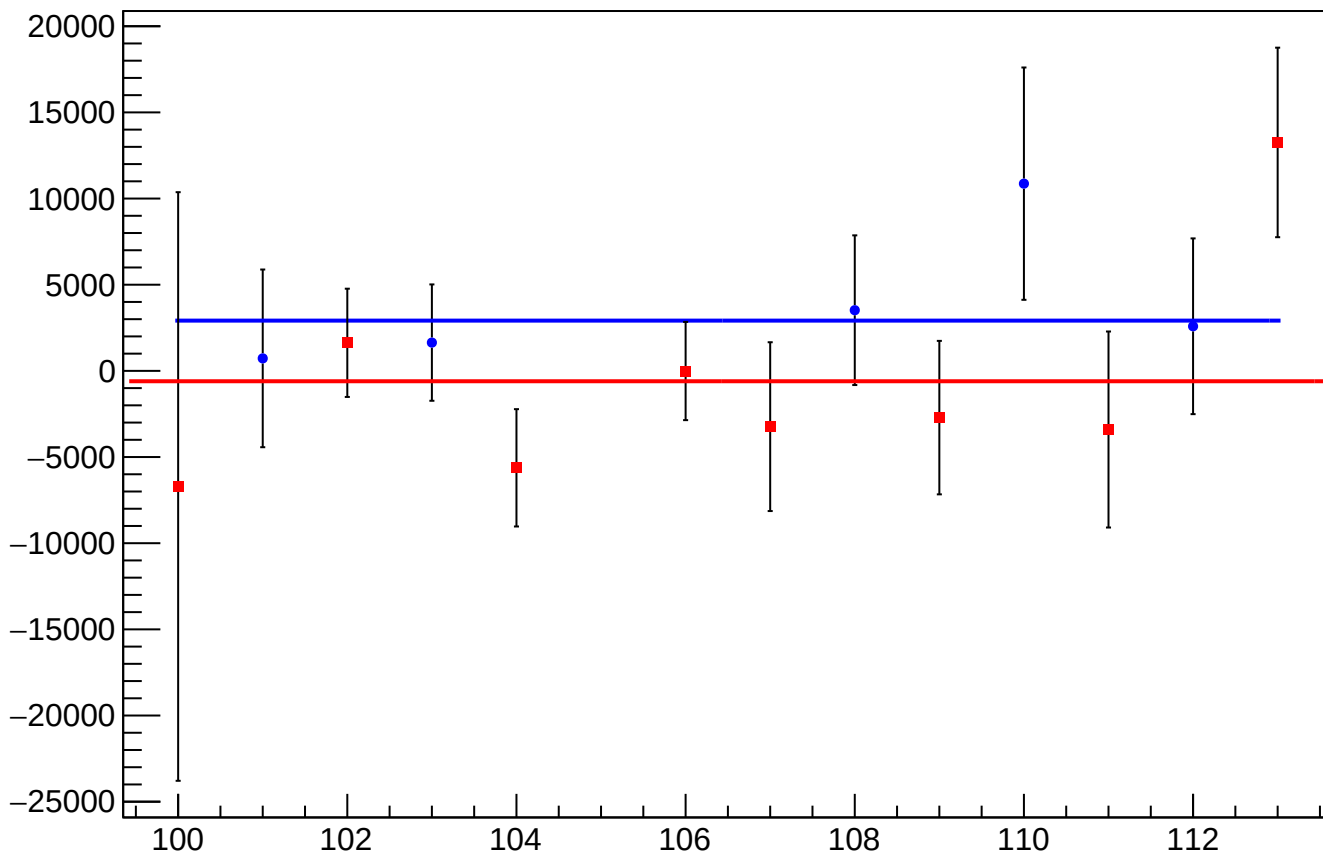
Right: 1081.356+/-0.339 χ^2/NDF : 792262.5/12

In: 1115.184+/-0.522 χ^2/NDF : 489990.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1081.356+/-0.339 χ^2/NDF : 792262.5/12

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: -601.787 $\pm$ -1458.141 χ^2 /NDF: 10.0/7

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

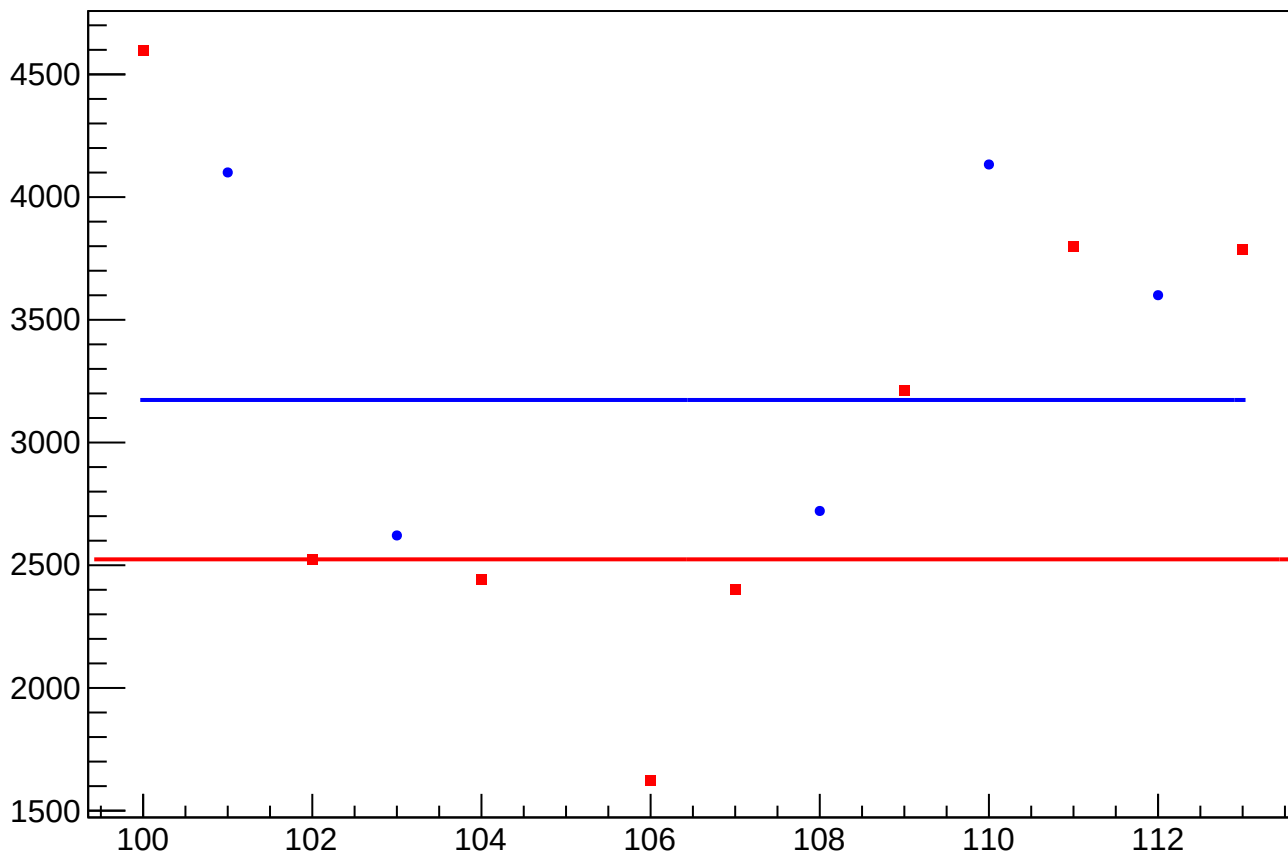
Right: 583.210 $\pm$ -1187.468 χ^2 /NDF: 13.7/12

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: 583.210 $\pm$ -1187.468 χ^2 /NDF: 13.7/12

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: 2524.032+/-1.031 χ^2/NDF : 485592.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

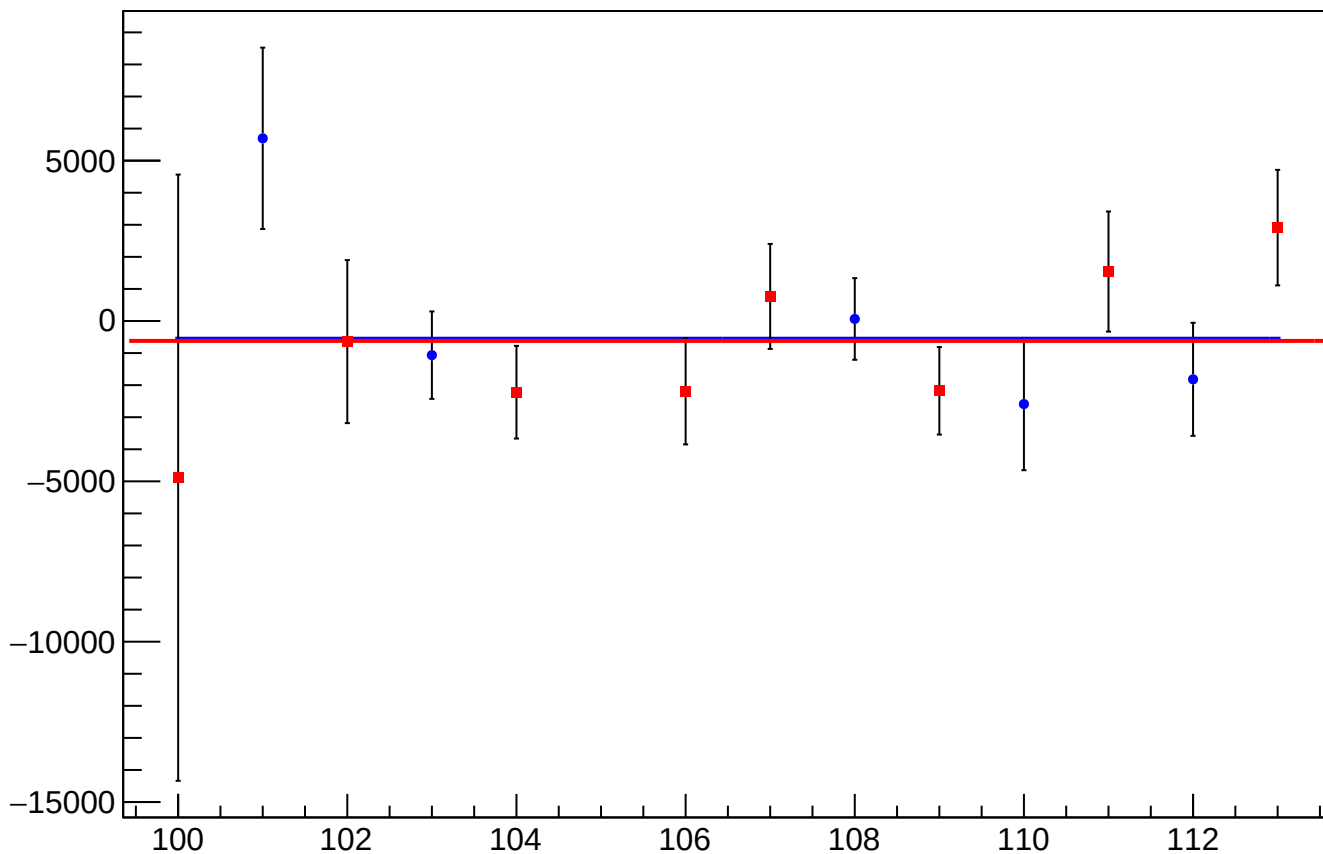
Right: 2742.739+/-0.840 χ^2/NDF : 813545.6/12

In: 3173.400+/-1.447 χ^2/NDF : 194359.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2742.739+/-0.840 χ^2/NDF : 813545.6/12

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: -620.399+/-630.999 χ^2/NDF : 9.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

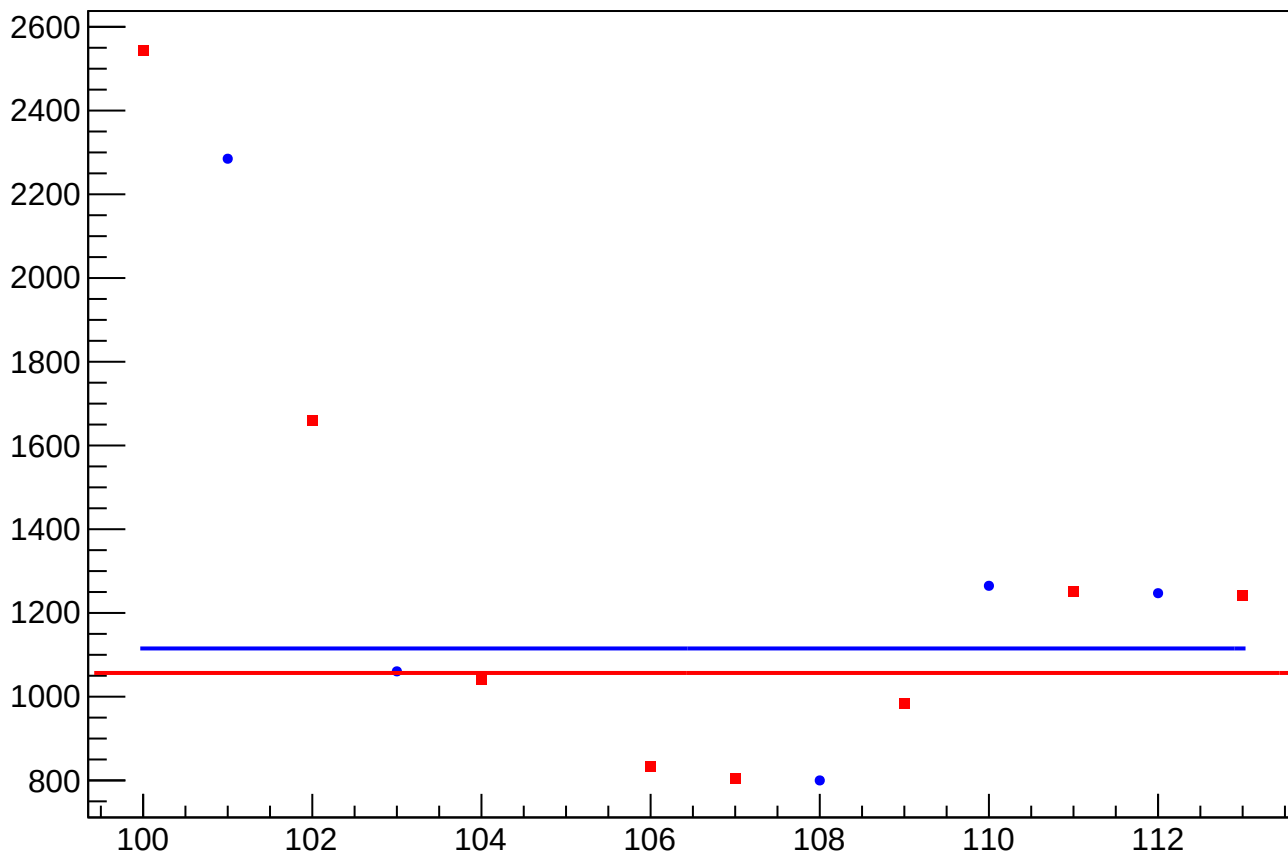
Right: -591.747+/-479.523 χ^2/NDF : 16.3/12

In: -552.581+/-737.738 χ^2/NDF : 6.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -591.747+/-479.523 χ^2/NDF : 16.3/12

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: 1056.655+/-0.446 χ^2/NDF : 294996.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

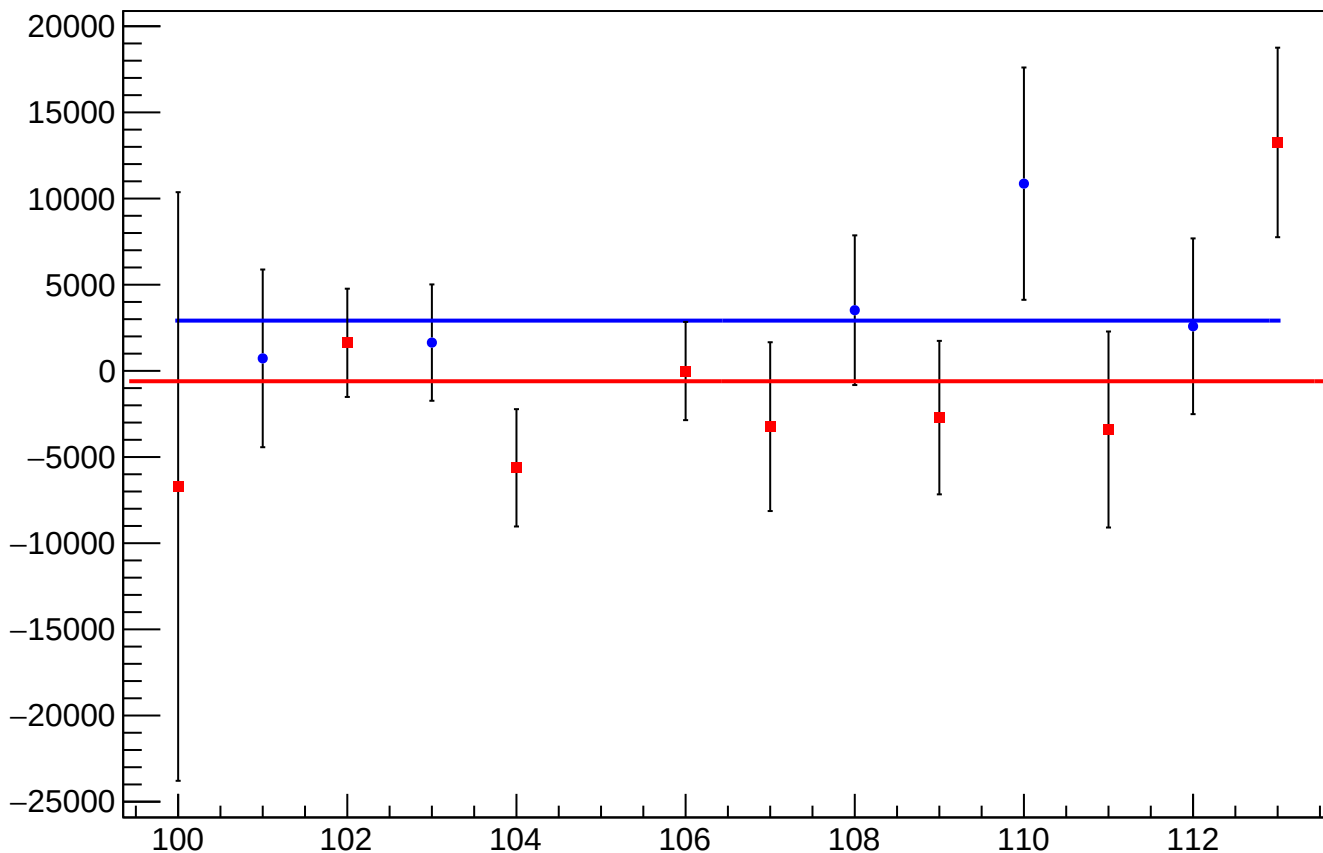
Right: 1081.356+/-0.339 χ^2/NDF : 792262.9/12

In: 1115.184+/-0.522 χ^2/NDF : 489990.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1081.356+/-0.339 χ^2/NDF : 792262.9/12

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: -601.797+/-1458.139 χ^2/NDF : 10.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

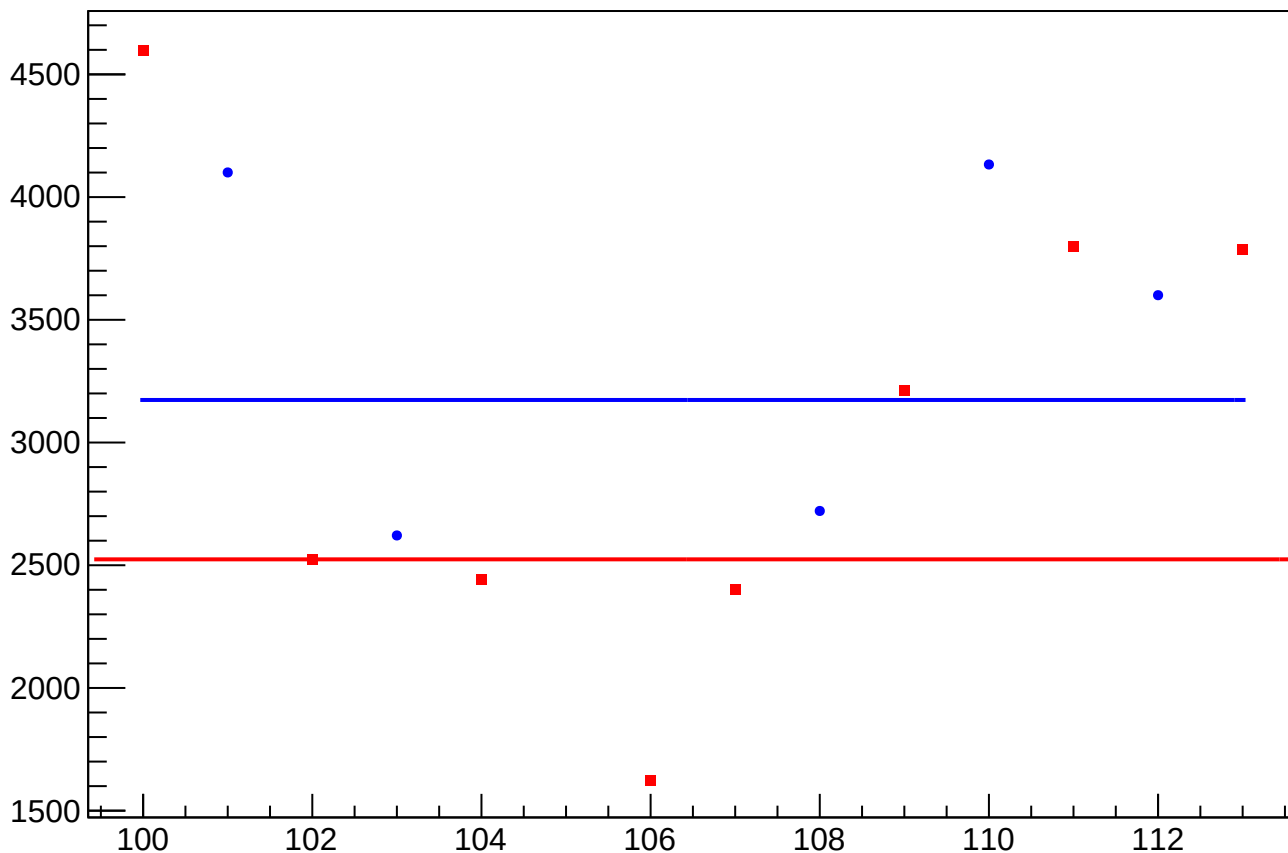
Right: 583.202+/-1187.467 χ^2/NDF : 13.7/12

In: 2916.619+/-2046.143 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 583.202+/-1187.467 χ^2/NDF : 13.7/12

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: 2524.028+/-1.031 χ^2/NDF : 485595.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

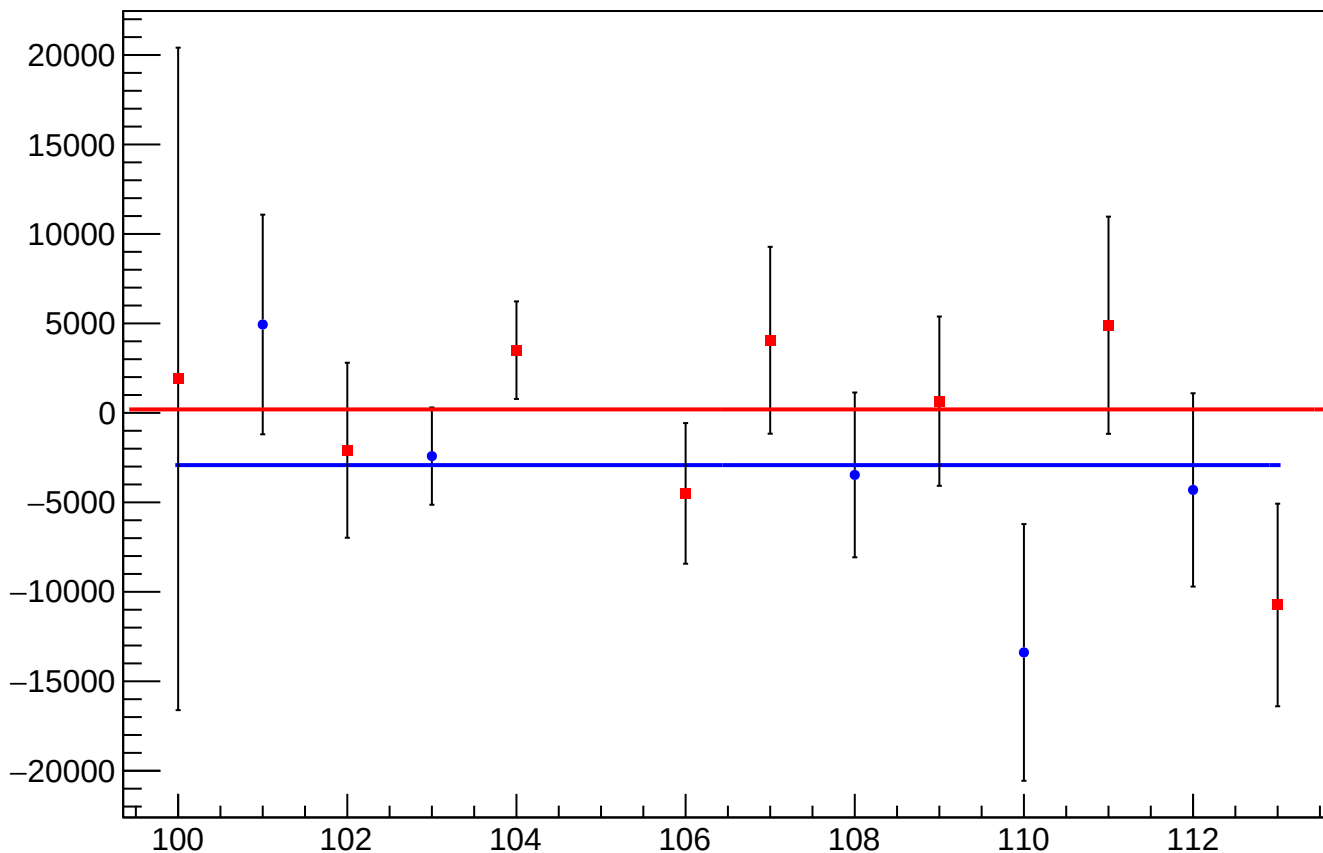
Right: 2742.736+/-0.840 χ^2/NDF : 813548.5/12

In: 3173.401+/-1.447 χ^2/NDF : 194357.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2742.736+/-0.840 χ^2/NDF : 813548.5/12

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: 194.441+/-1614.217 χ^2/NDF : 8.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

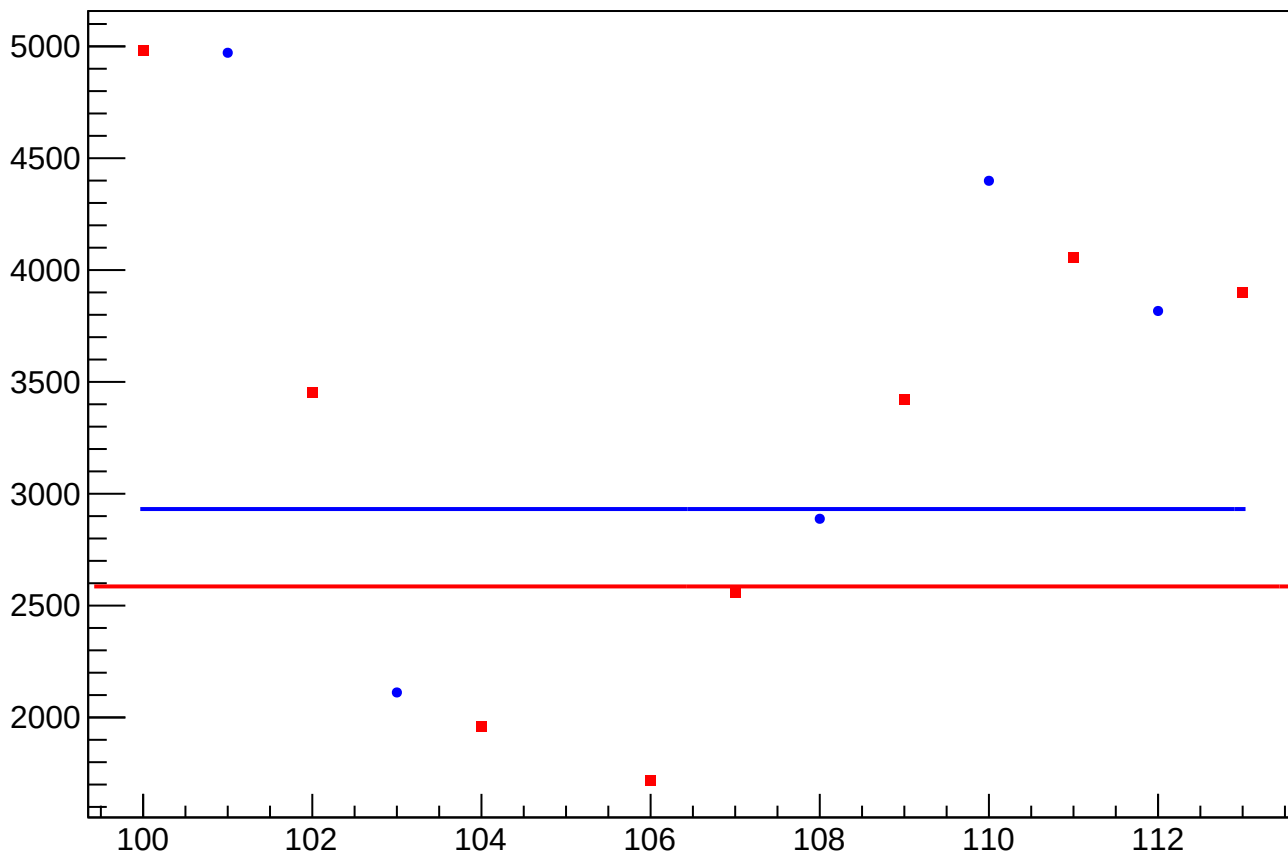
Right: -1070.532+/-1243.671 χ^2/NDF : 13.4/12

In: -2918.118+/-1950.849 χ^2/NDF : 3.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1070.532+/-1243.671 χ^2/NDF : 13.4/12

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: 2585.661+/-1.109 χ^2/NDF : 621766.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

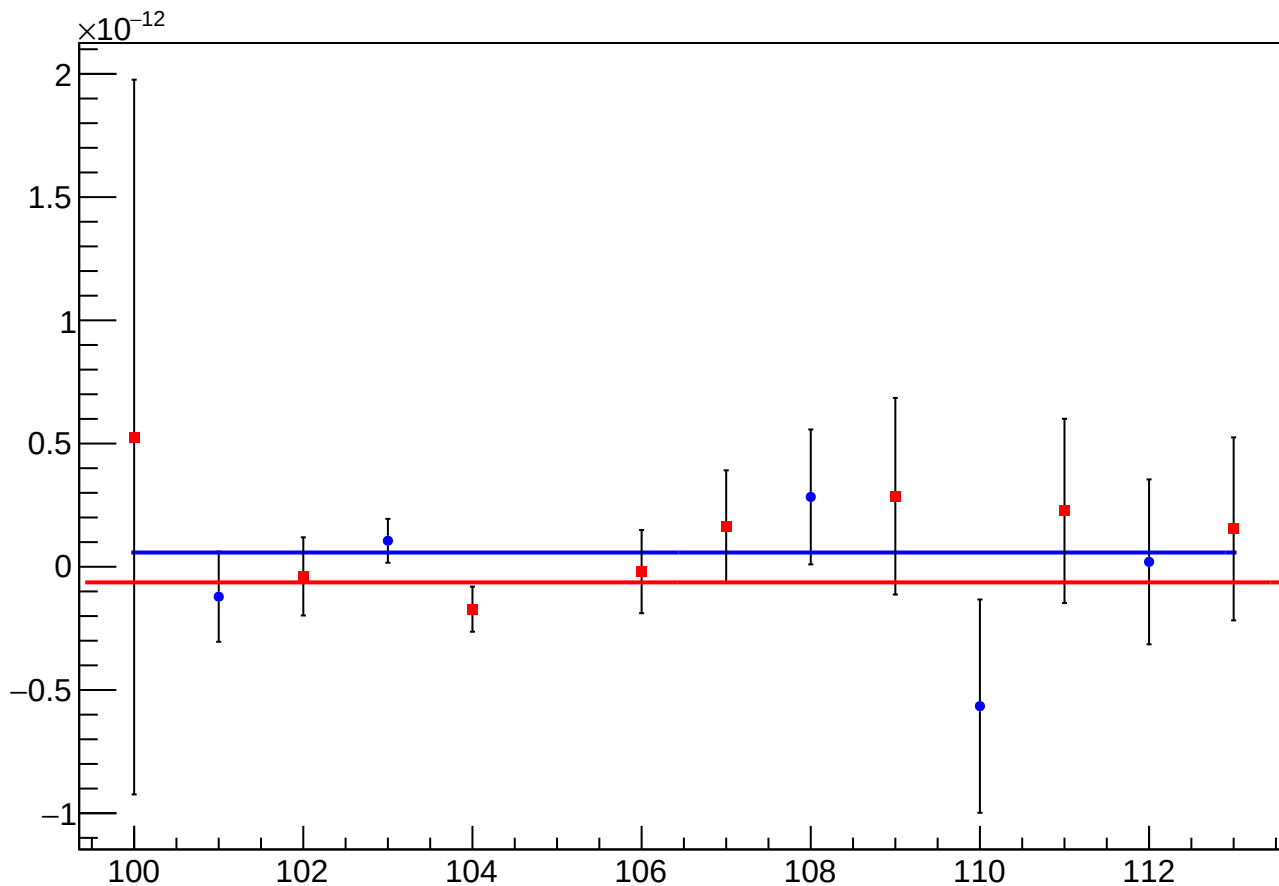
Right: 2721.458+/-0.864 χ^2/NDF : 1200546.8/12

In: 2931.644+/-1.379 χ^2/NDF : 540564.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2721.458+/-0.864 χ^2/NDF : 1200546.8/12

asym_usr_atr2_dd_reg_vs_cor_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 : 4.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

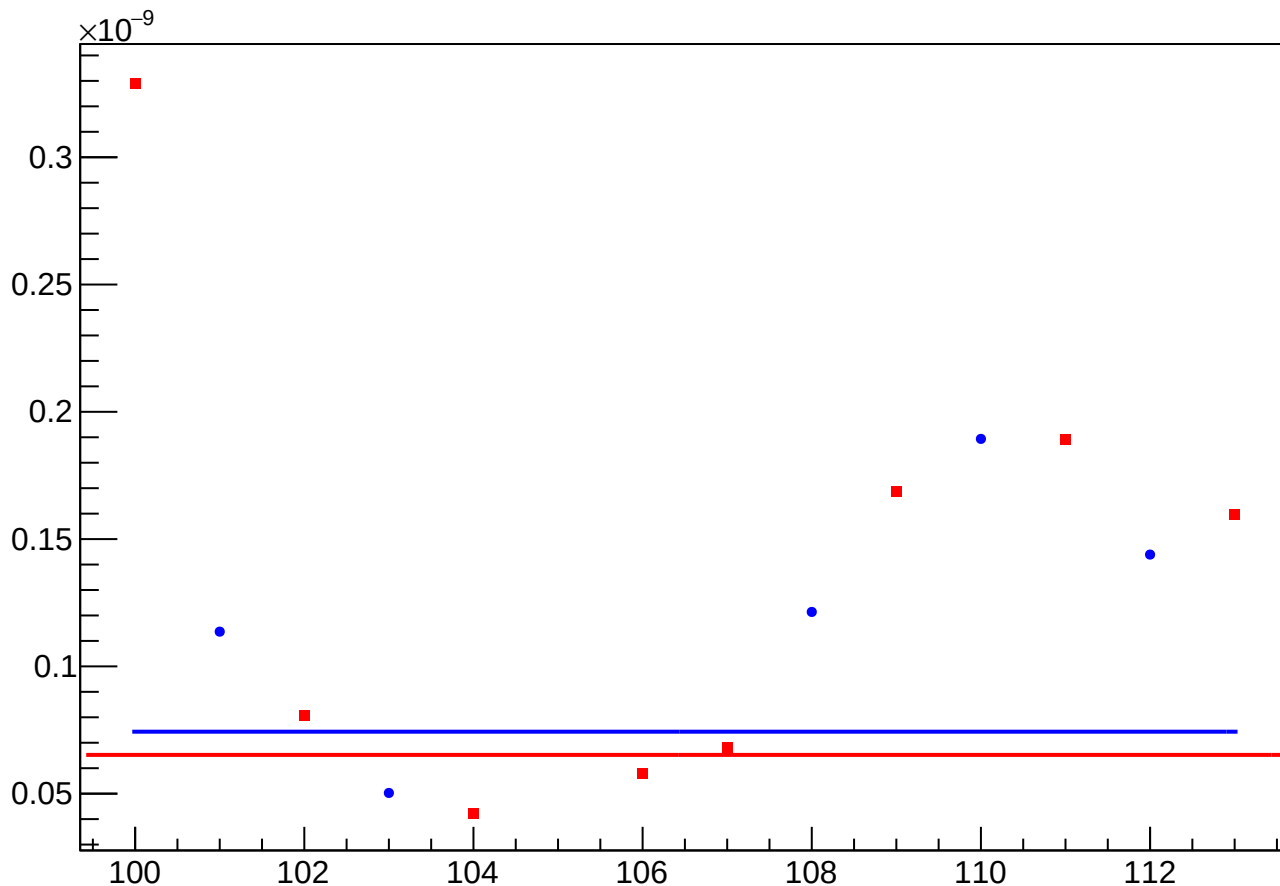
Right: -0.000+/-0.000 χ^2/NDF : 9.9/12

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 : 9.9/12

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 : 699759.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

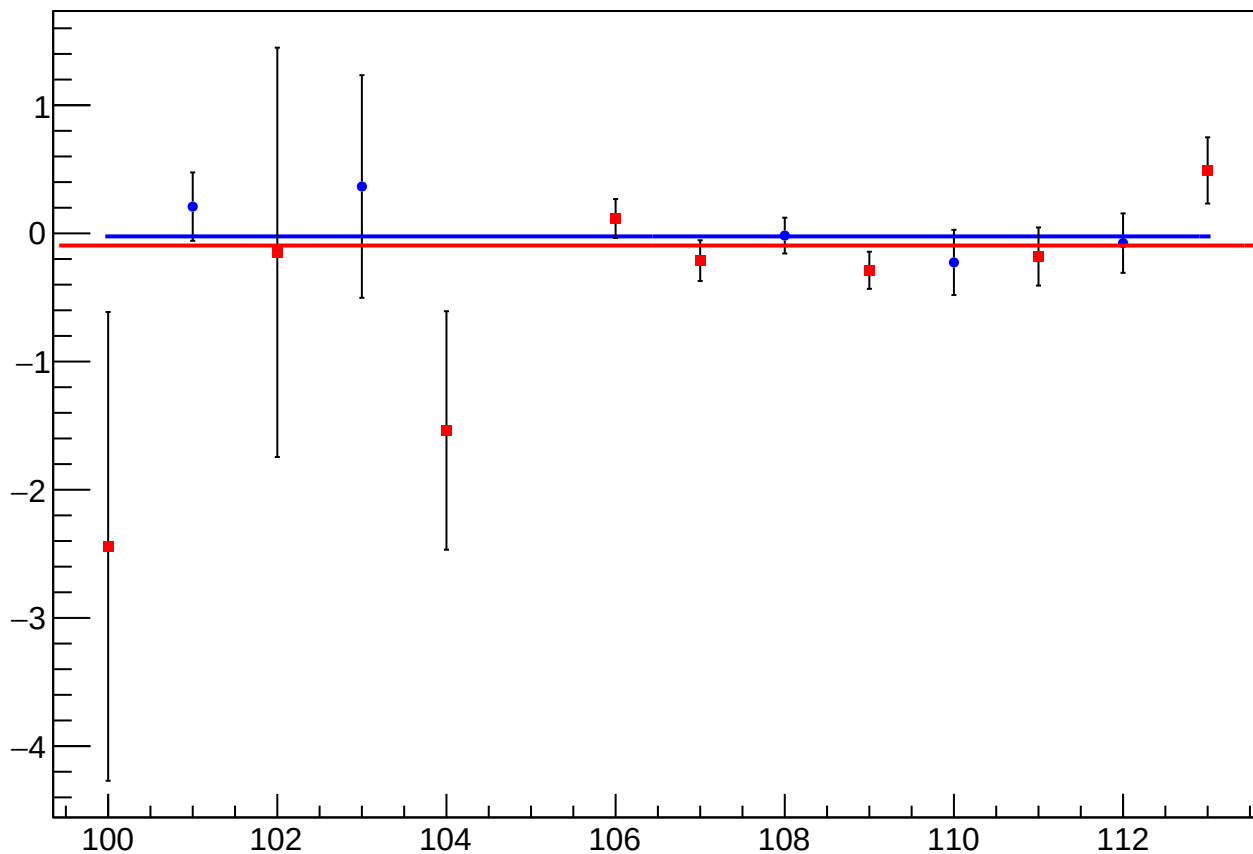
Right: 0.000+/-0.000 χ^2/NDF : 1242179.9/12

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 : 1242179.9/12

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: -0.095 ± 0.077 χ^2/NDF : 13.6/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

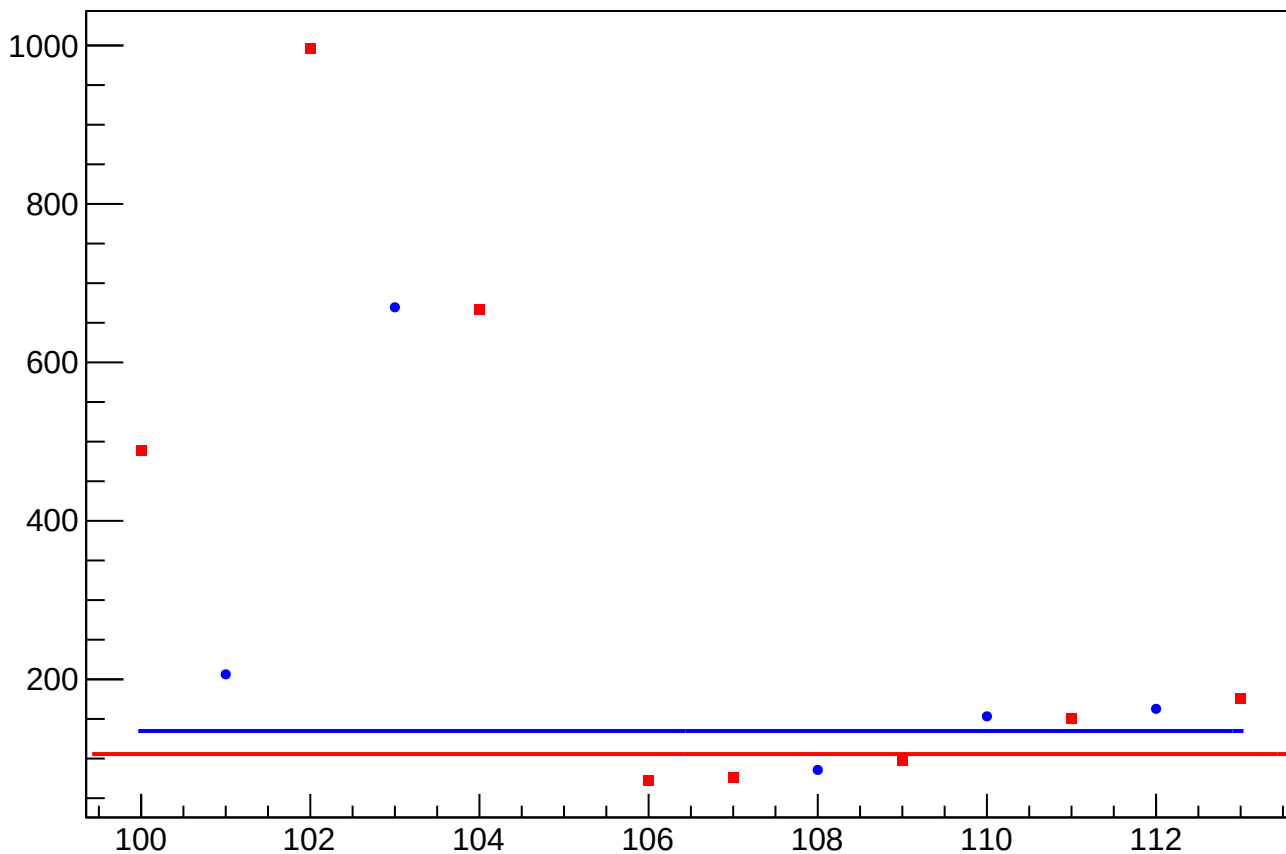
Right: -0.068 ± 0.061 χ^2/NDF : 15.6/12

In: -0.024 ± 0.100 χ^2/NDF : 1.6/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.068 ± 0.061 χ^2/NDF : 15.6/12

asym_usr_atr2_dd_dit_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: 105.663+/-0.055 χ^2/NDF : 1844384.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

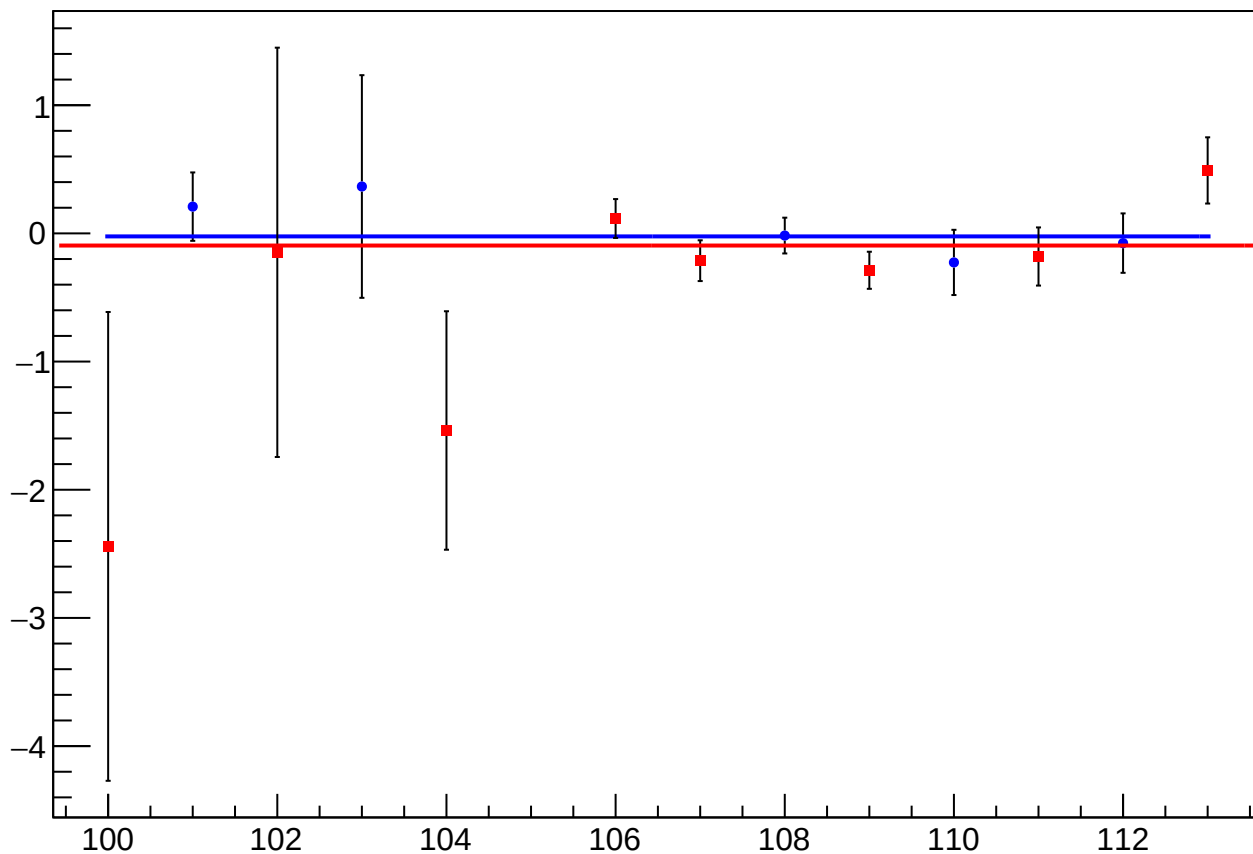
Right: 116.616+/-0.043 χ^2/NDF : 3140227.0/12

In: 134.769+/-0.070 χ^2/NDF : 1189317.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.616+/-0.043 χ^2/NDF : 3140227.0/12

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: -0.095+/-0.077 χ^2/NDF : 13.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

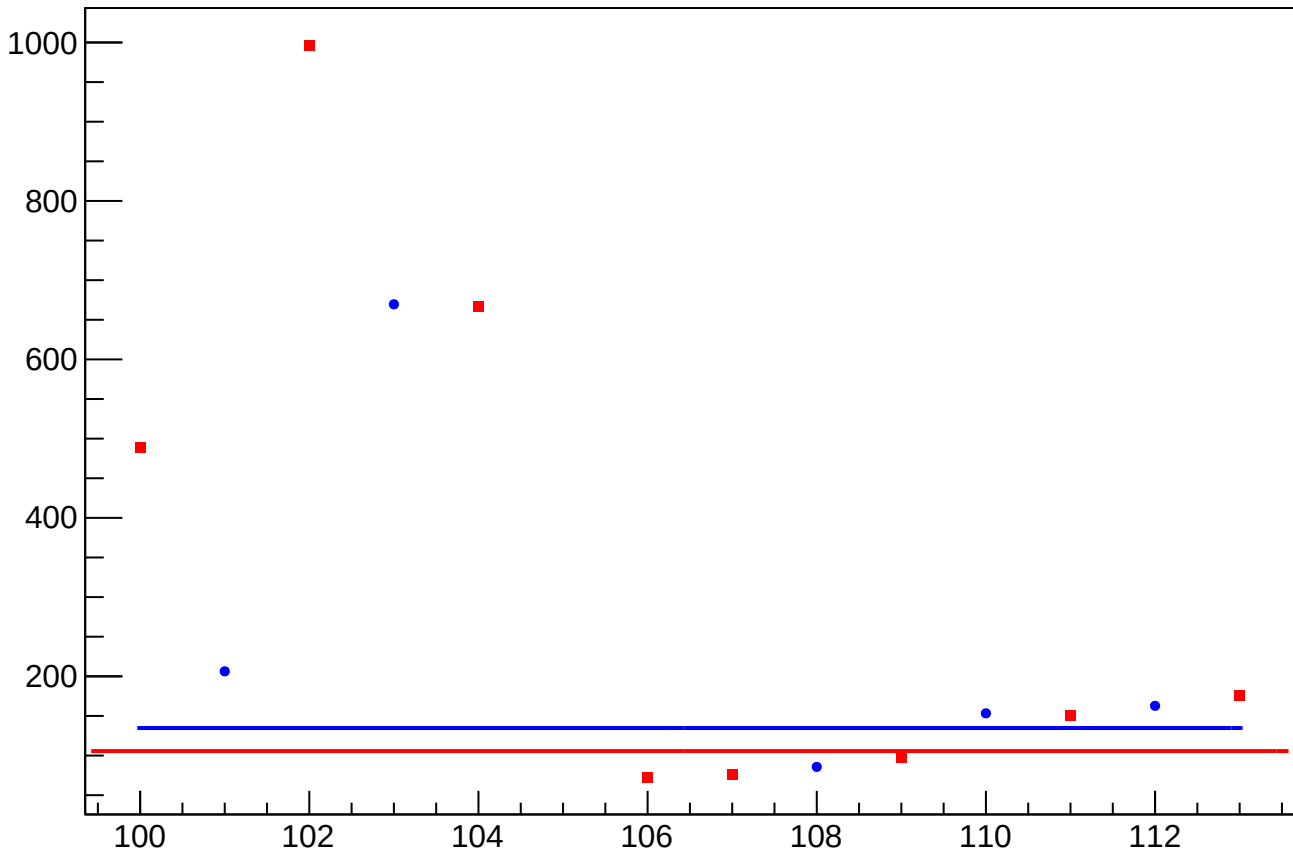
Right: -0.068+/-0.061 χ^2/NDF : 15.6/12

In: -0.024+/-0.100 χ^2/NDF :1.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.068+/-0.061 χ^2/NDF : 15.6/12

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: 105.663+/-0.055 χ^2/NDF : 1844384.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

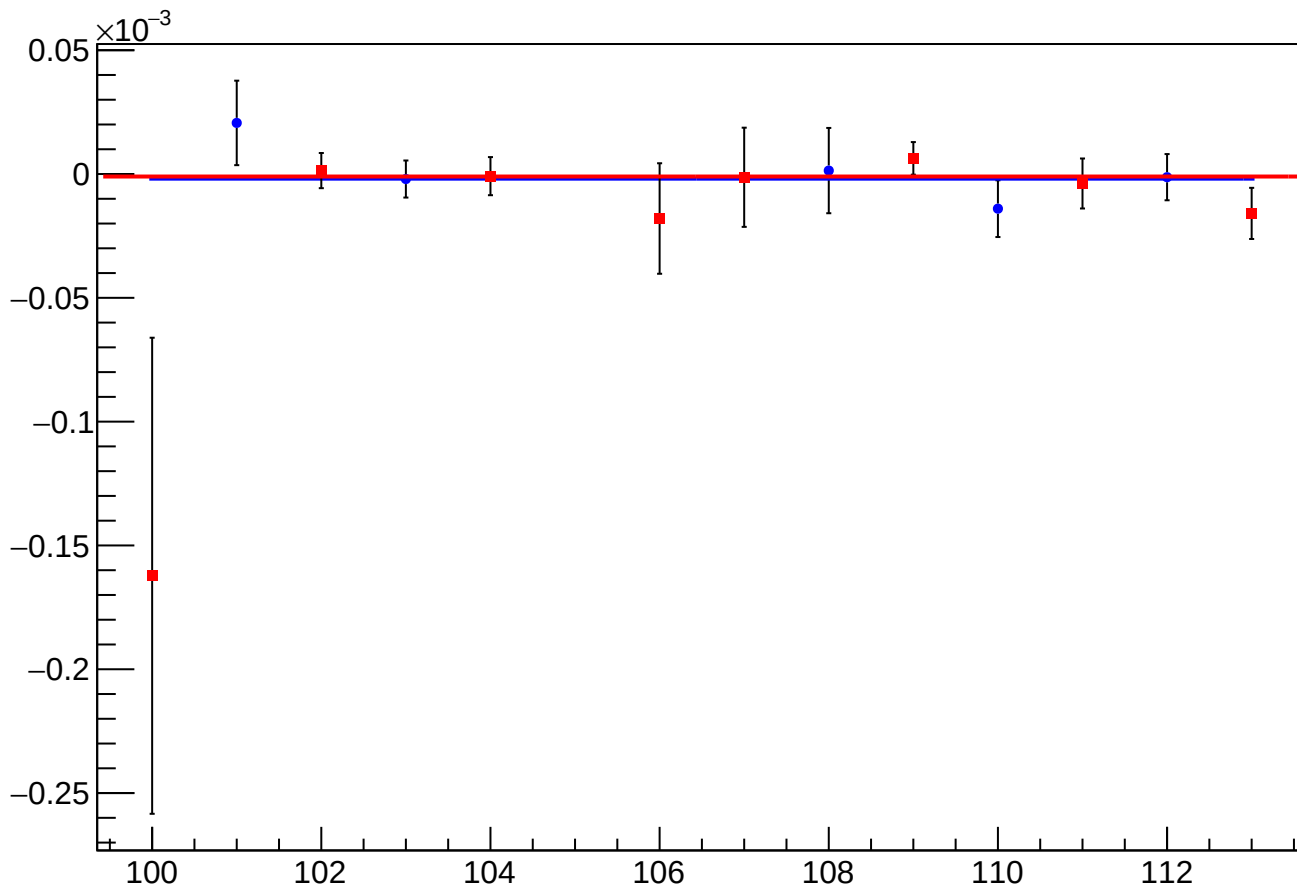
Right: 116.616+/-0.043 χ^2/NDF : 3140227.0/12

In: 134.769+/-0.070 χ^2/NDF : 1189317.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.616+/-0.043 χ^2/NDF : 3140227.0/12

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 : 6.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

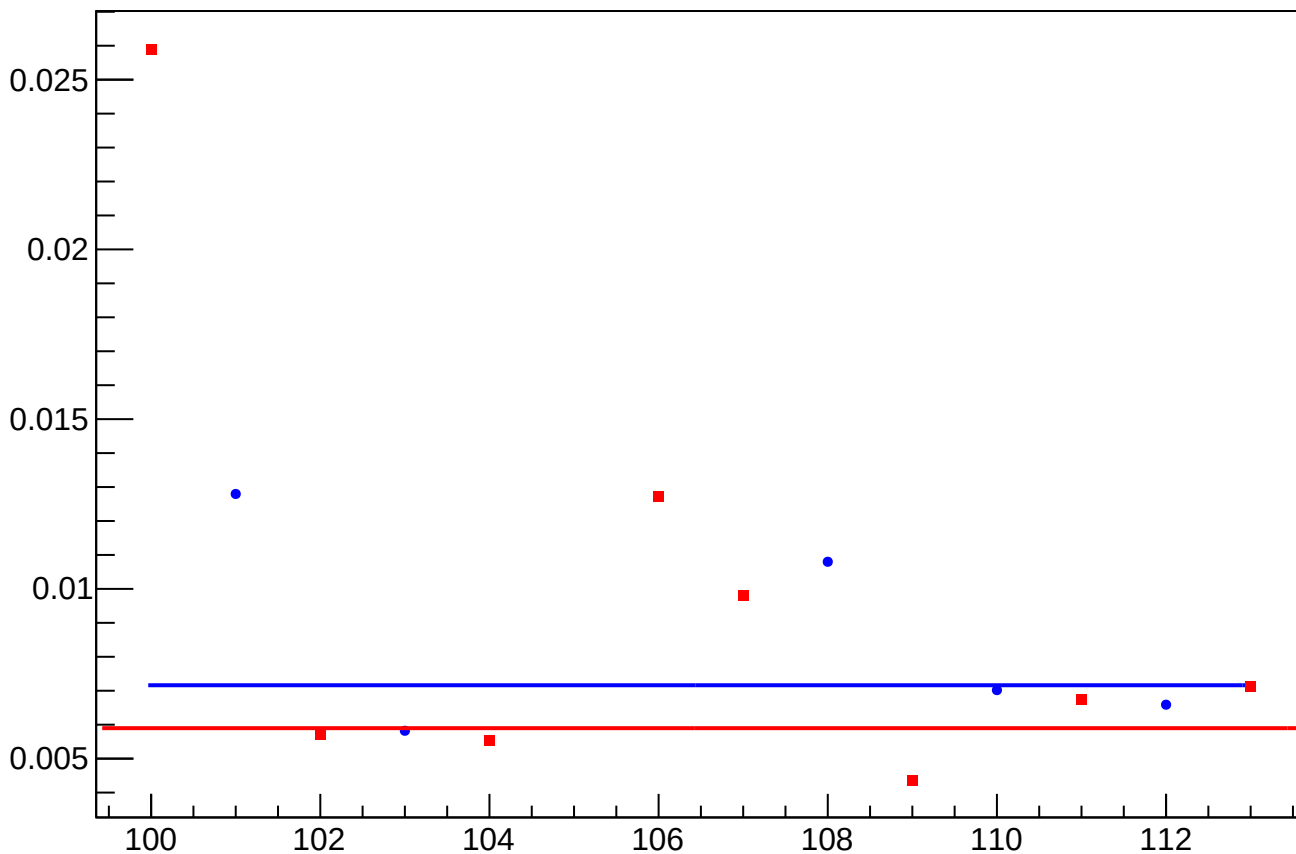
Right: -0.000+/-0.000 χ^2/NDF : 9.8/12

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 : 9.8/12

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 : 507788.8/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

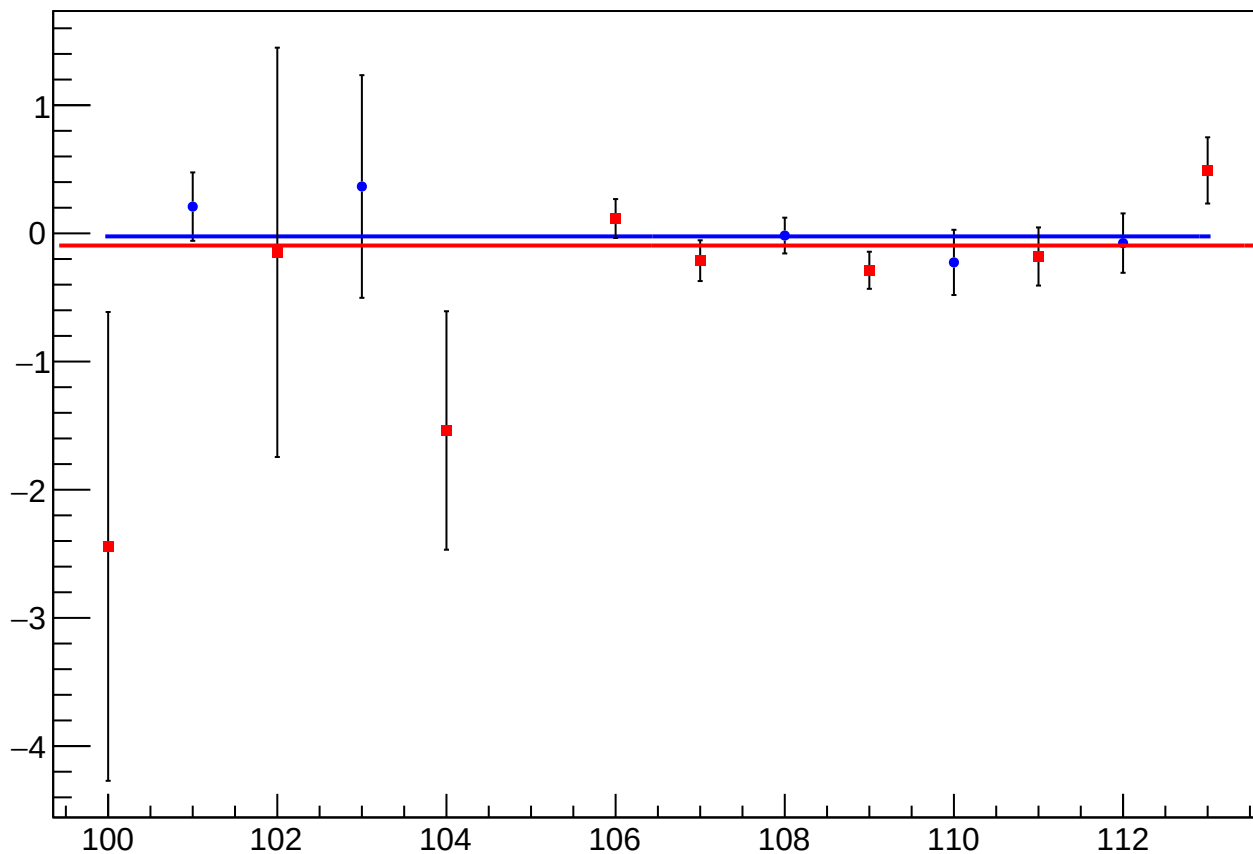
Right: 0.006+/-0.000 χ^2/NDF : 979116.4/12

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 : 979116.4/12

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024 $\pm$ 0.100 χ^2 /NDF: 1.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.095 $\pm$ 0.077 χ^2 /NDF: 13.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

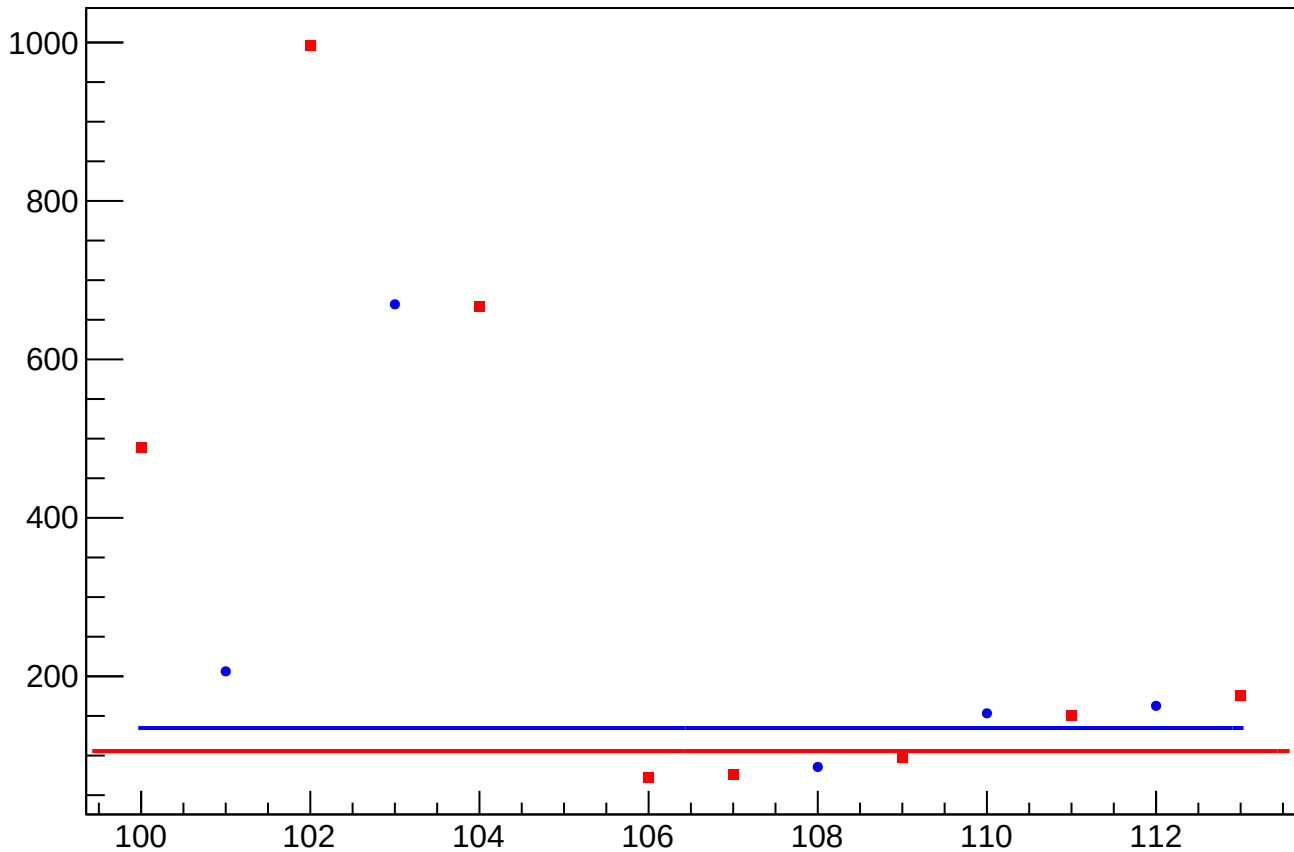
Right: -0.068 $\pm$ 0.061 χ^2 /NDF: 15.6/12

In: -0.024 $\pm$ 0.100 χ^2 /NDF:1.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.068 $\pm$ 0.061 χ^2 /NDF: 15.6/12

asym_usr_atr2_dd_eigen_dit_vs_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: 105.663+/-0.055 χ^2/NDF : 1844381.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

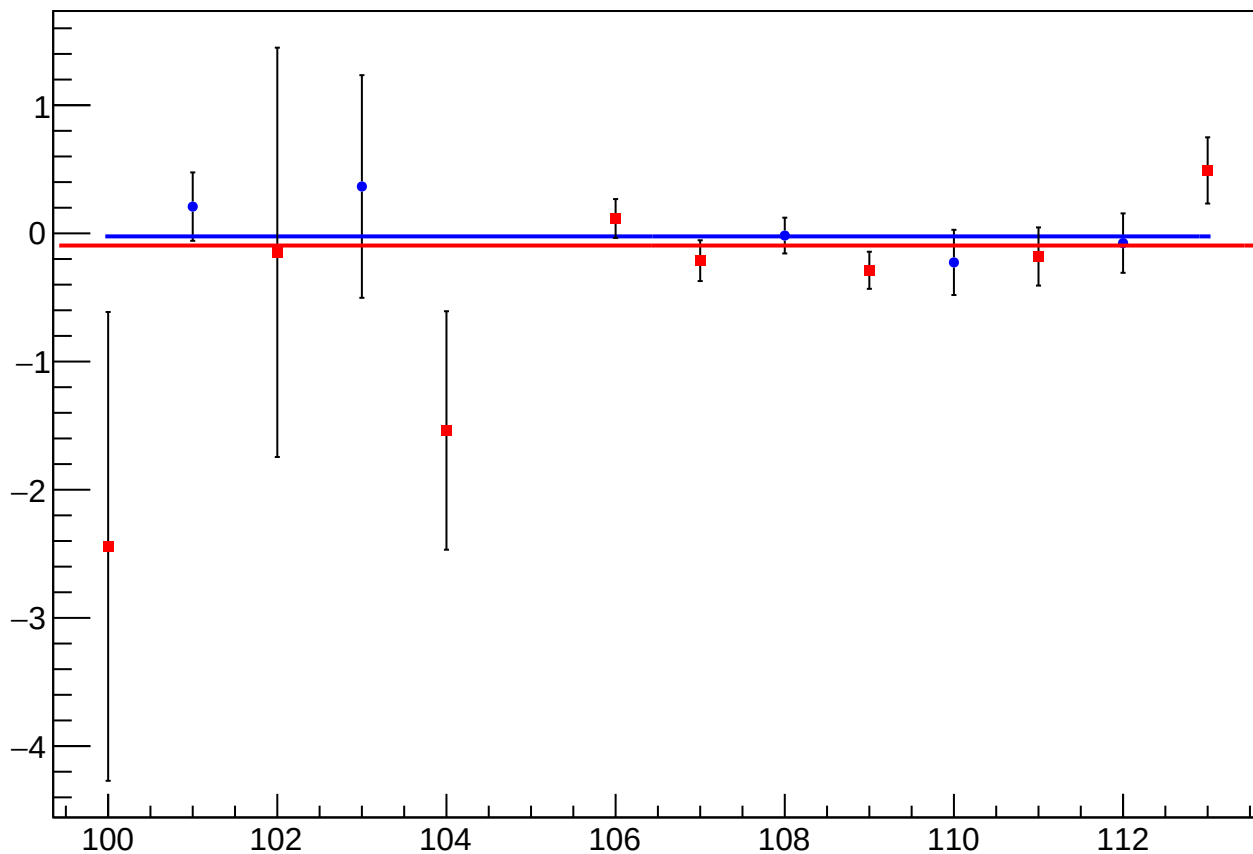
Right: 116.614+/-0.043 χ^2/NDF : 3140261.8/12

In: 134.765+/-0.070 χ^2/NDF : 1189388.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.614+/-0.043 χ^2/NDF : 3140261.8/12

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: -0.095 ± 0.077 χ^2/NDF : 13.6/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

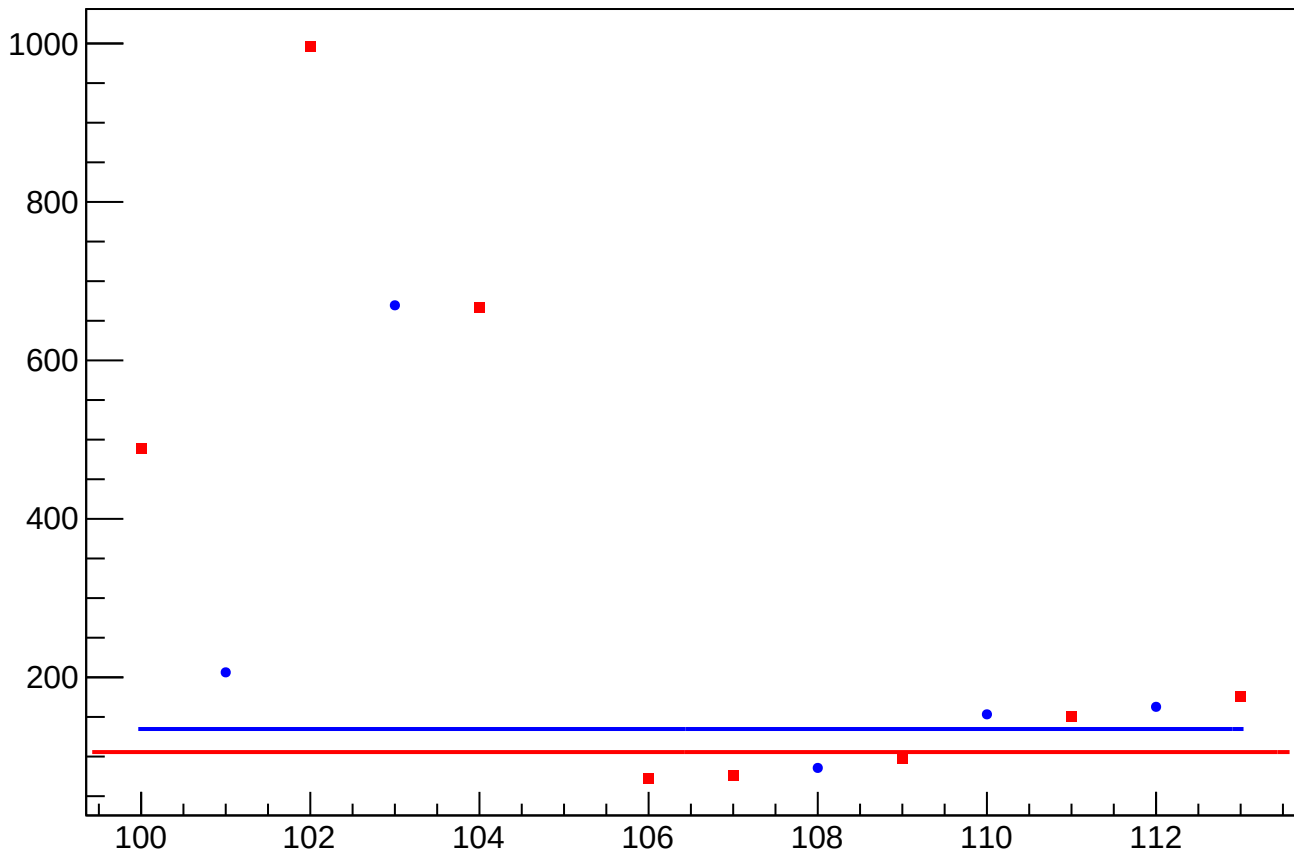
Right: -0.068 ± 0.061 χ^2/NDF : 15.6/12

In: -0.024 ± 0.100 χ^2/NDF : 1.6/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.068 ± 0.061 χ^2/NDF : 15.6/12

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: 105.663+/-0.055 χ^2/NDF : 1844381.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

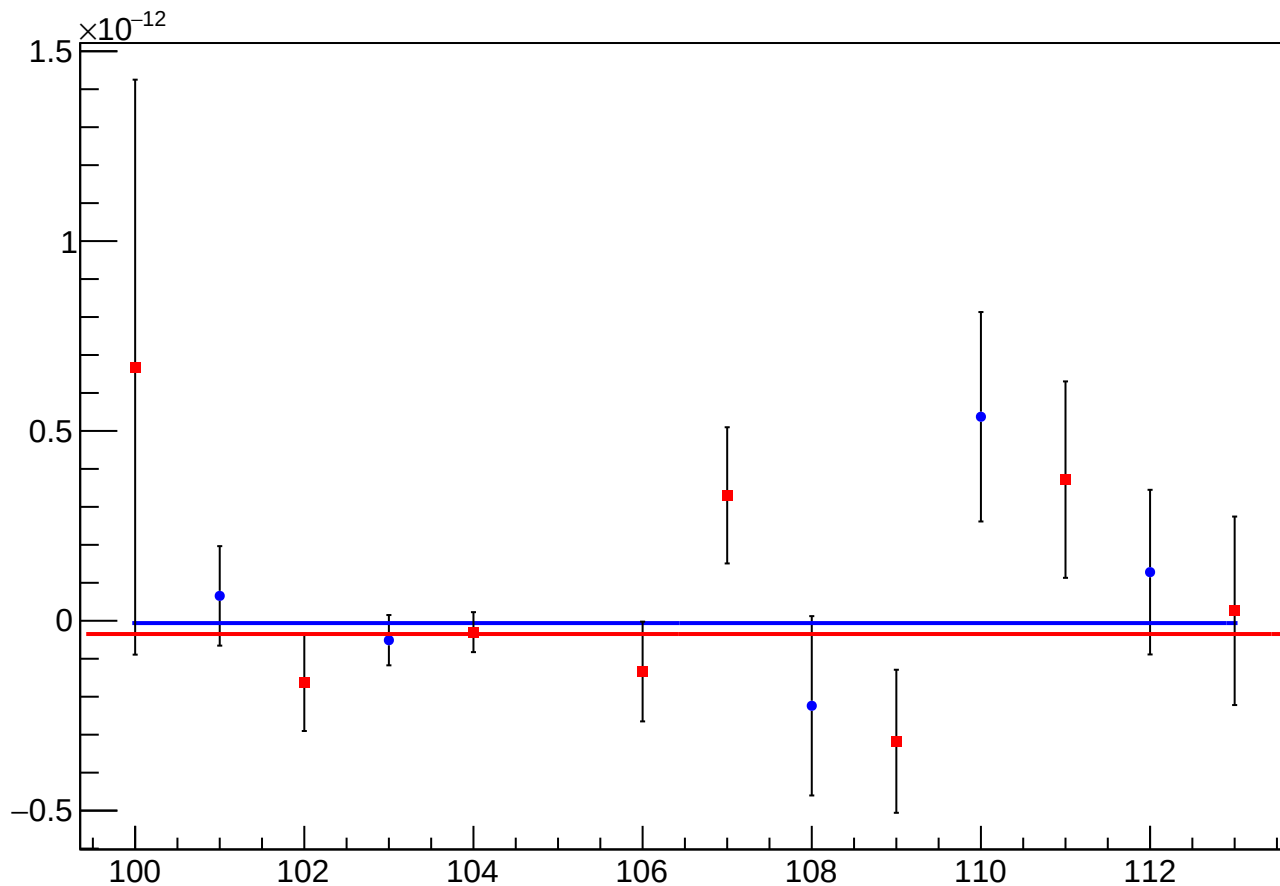
Right: 116.614+/-0.043 χ^2/NDF : 3140261.8/12

In: 134.765+/-0.070 χ^2/NDF : 1189388.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.614+/-0.043 χ^2/NDF : 3140261.8/12

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 : 11.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

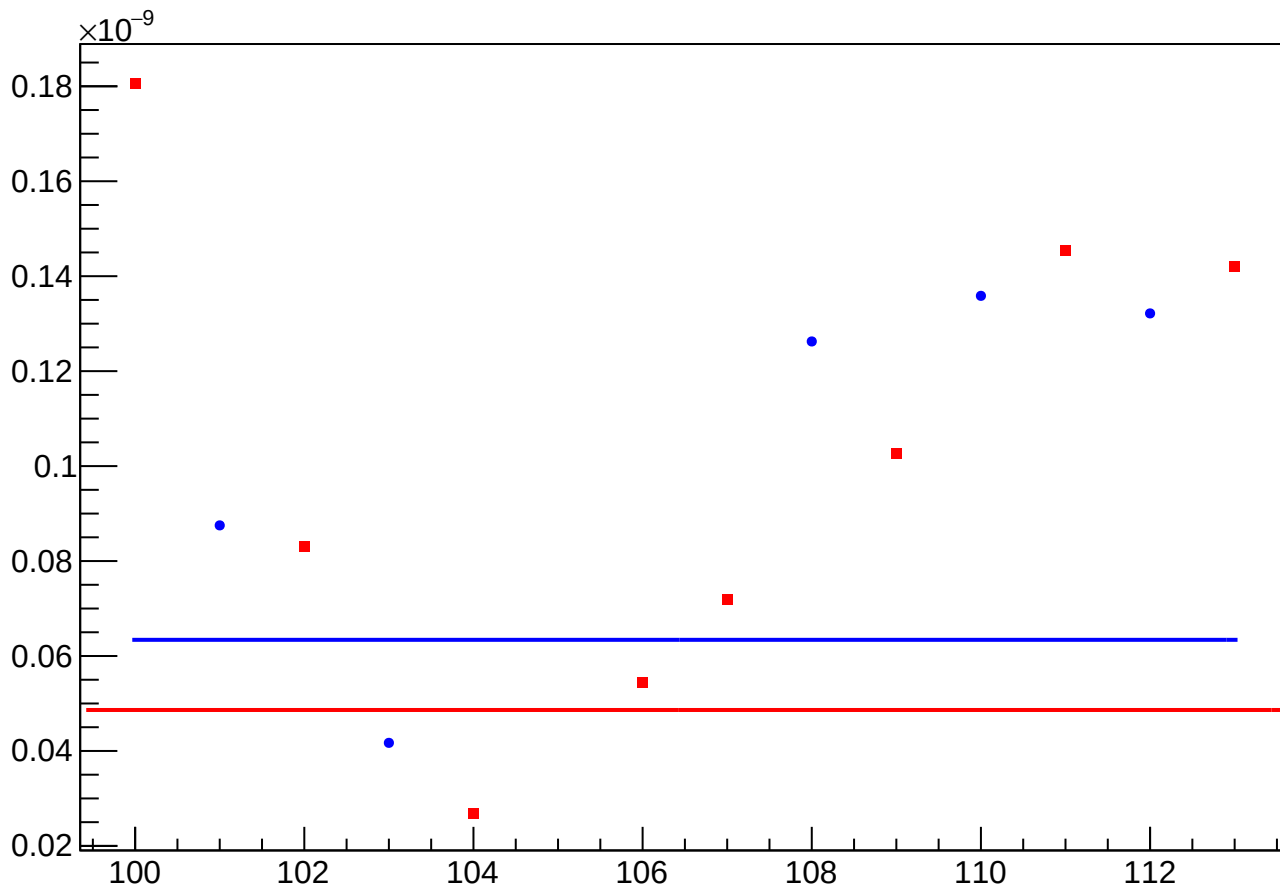
Right: -0.000+/-0.000 χ^2/NDF : 17.4/12

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 : 17.4/12

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 : 1315580.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

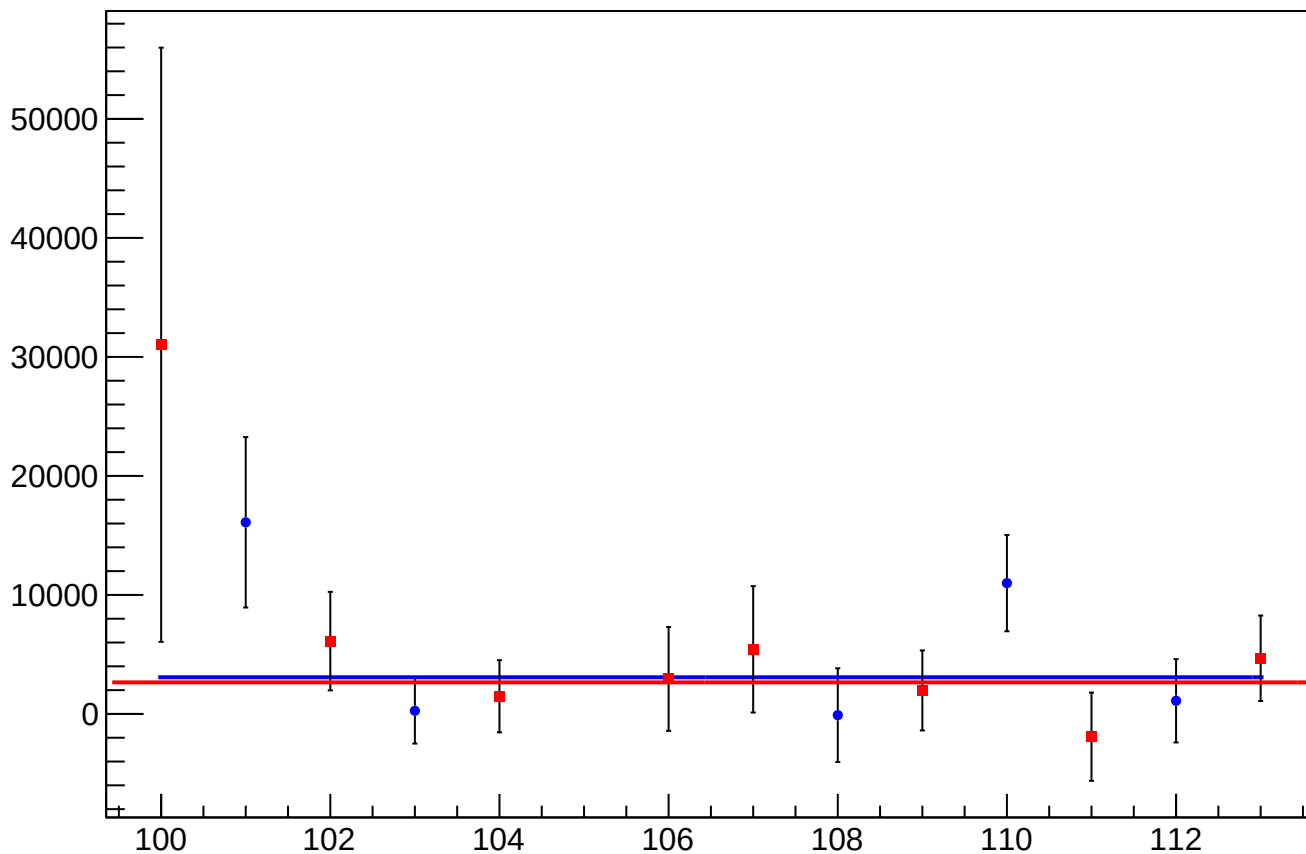
Right: 0.000+/-0.000 χ^2/NDF : 2171591.9/12

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 : 2171591.9/12

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: 2651.587+/-1420.424 χ^2/NDF : 4.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

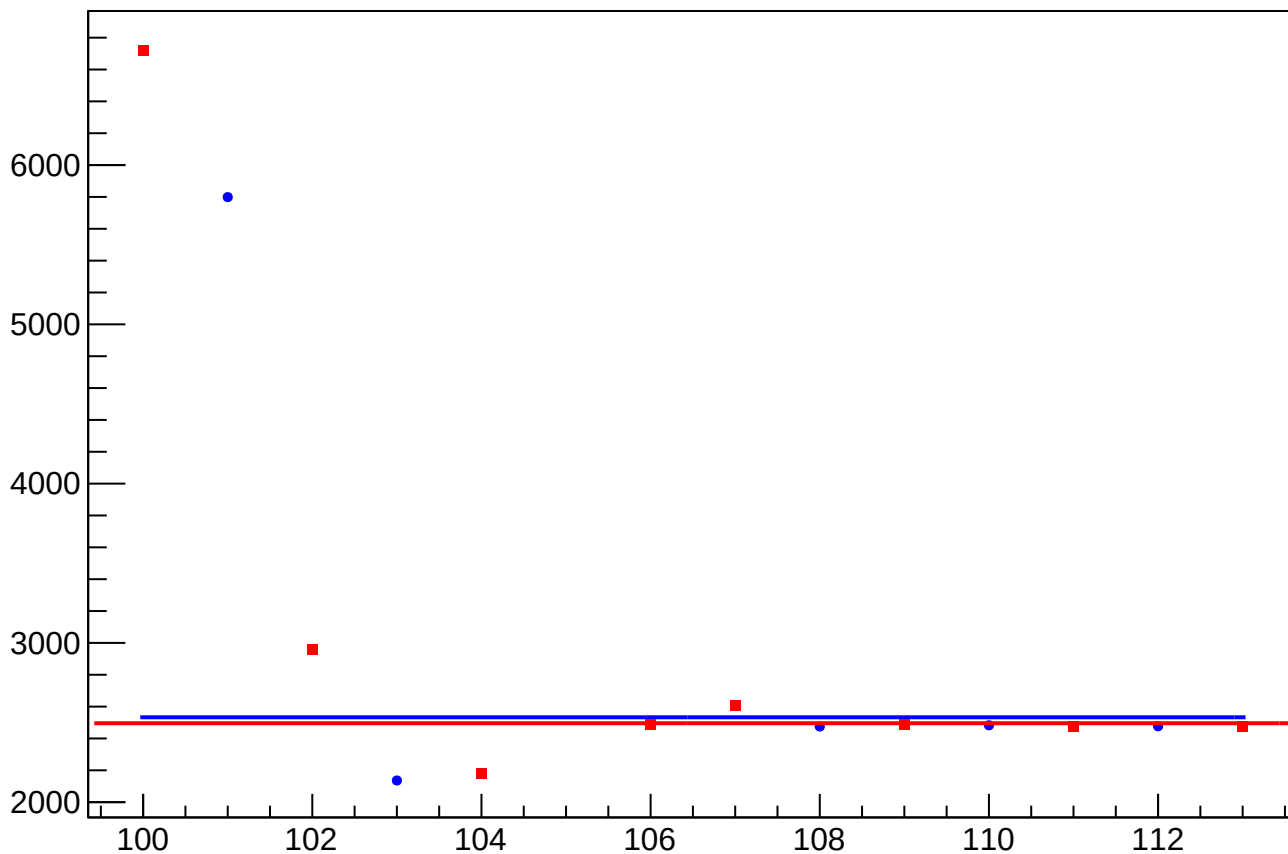
Right: 2831.245+/-1082.002 χ^2/NDF : 13.5/12

In: 3079.605+/-1670.077 χ^2/NDF : 9.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2831.245+/-1082.002 χ^2/NDF : 13.5/12

reg_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2532.898+/-1.181 χ^2/NDF : 458784.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2495.572+/-1.004 χ^2/NDF : 104817.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

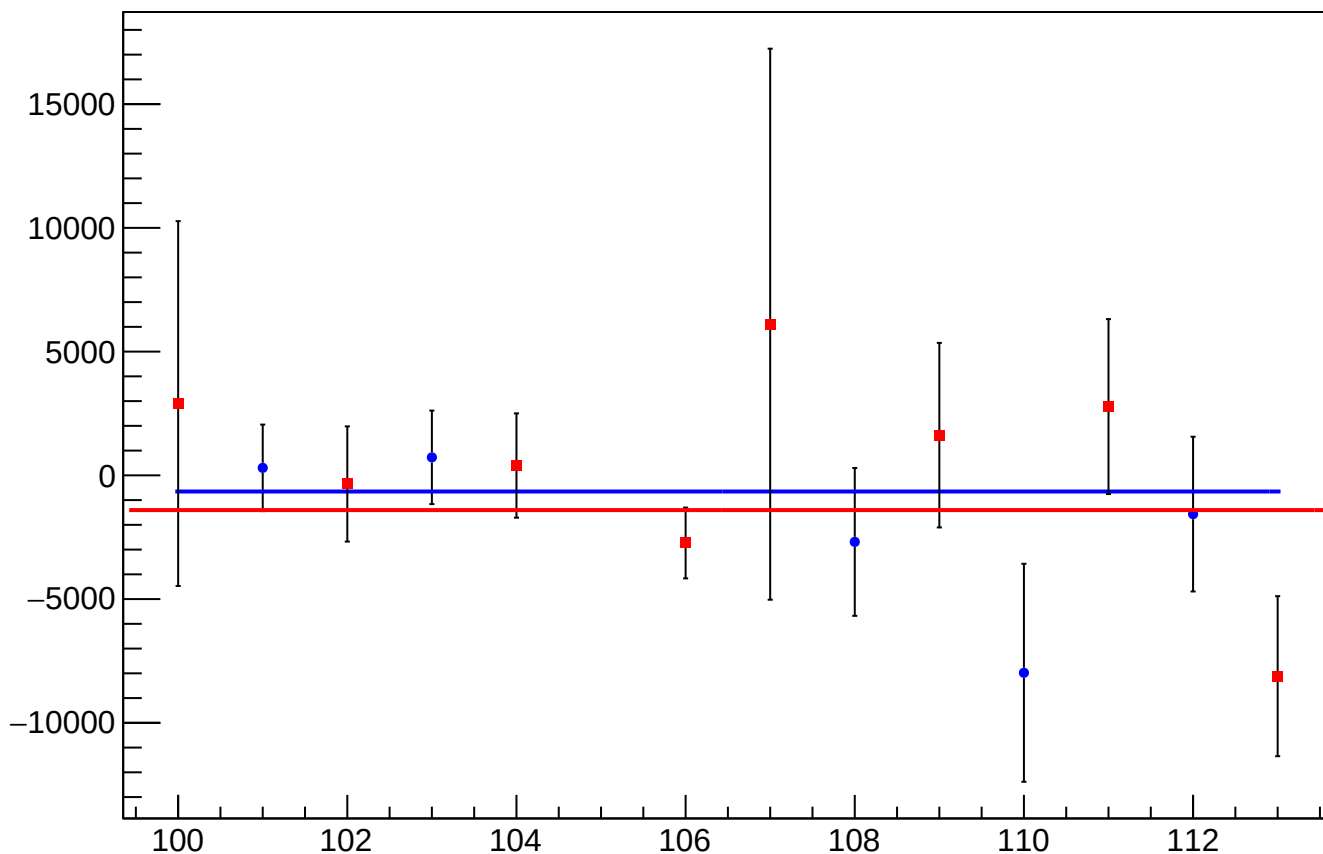
Right: 2511.239+/-0.765 χ^2/NDF : 564181.5/12

In: 2532.898+/-1.181 χ^2/NDF : 458784.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2511.239+/-0.765 χ^2/NDF : 564181.5/12

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: -1403.785+/-923.198 χ^2/NDF : 9.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

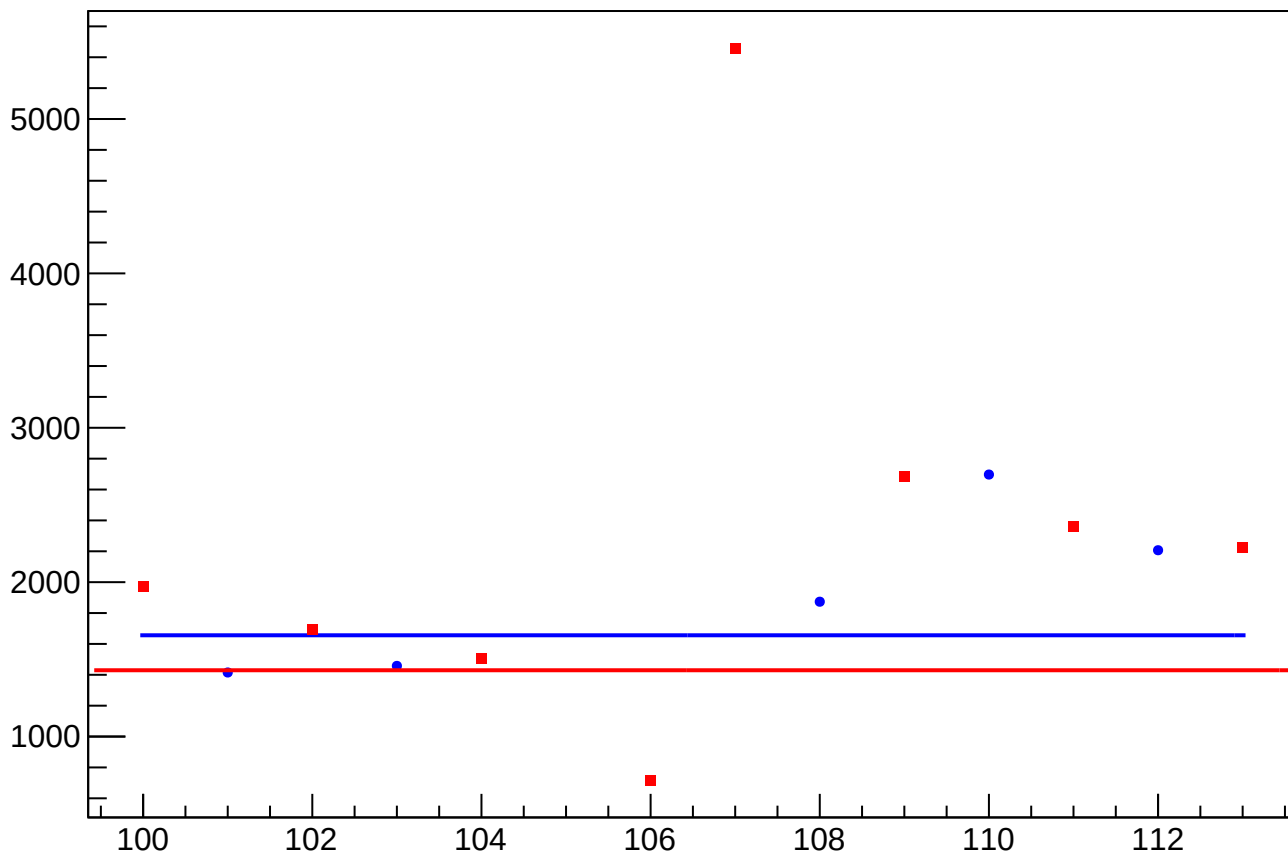
Right: -1083.404+/-699.048 χ^2/NDF : 13.4/12

In: -652.853+/-1070.221 χ^2/NDF : 4.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1083.404+/-699.048 χ^2/NDF : 13.4/12

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: 1429.447+/-0.653 χ^2/NDF : 1289067.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

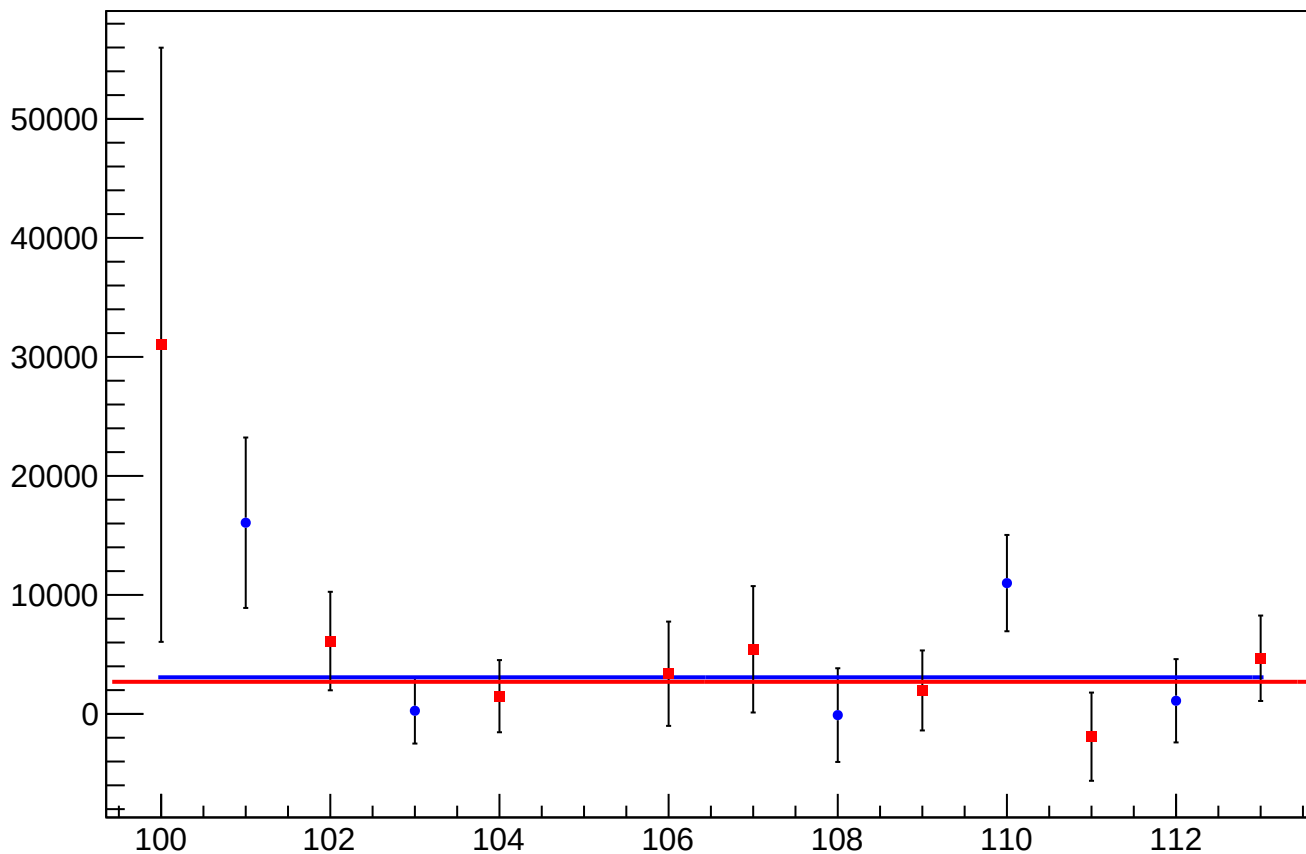
Right: 1526.094+/-0.494 χ^2/NDF : 1584909.2/12

In: 1655.975+/-0.757 χ^2/NDF : 244466.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1526.094+/-0.494 χ^2/NDF : 1584909.2/12

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: 2698.898+/-1421.076 χ^2/NDF : 4.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

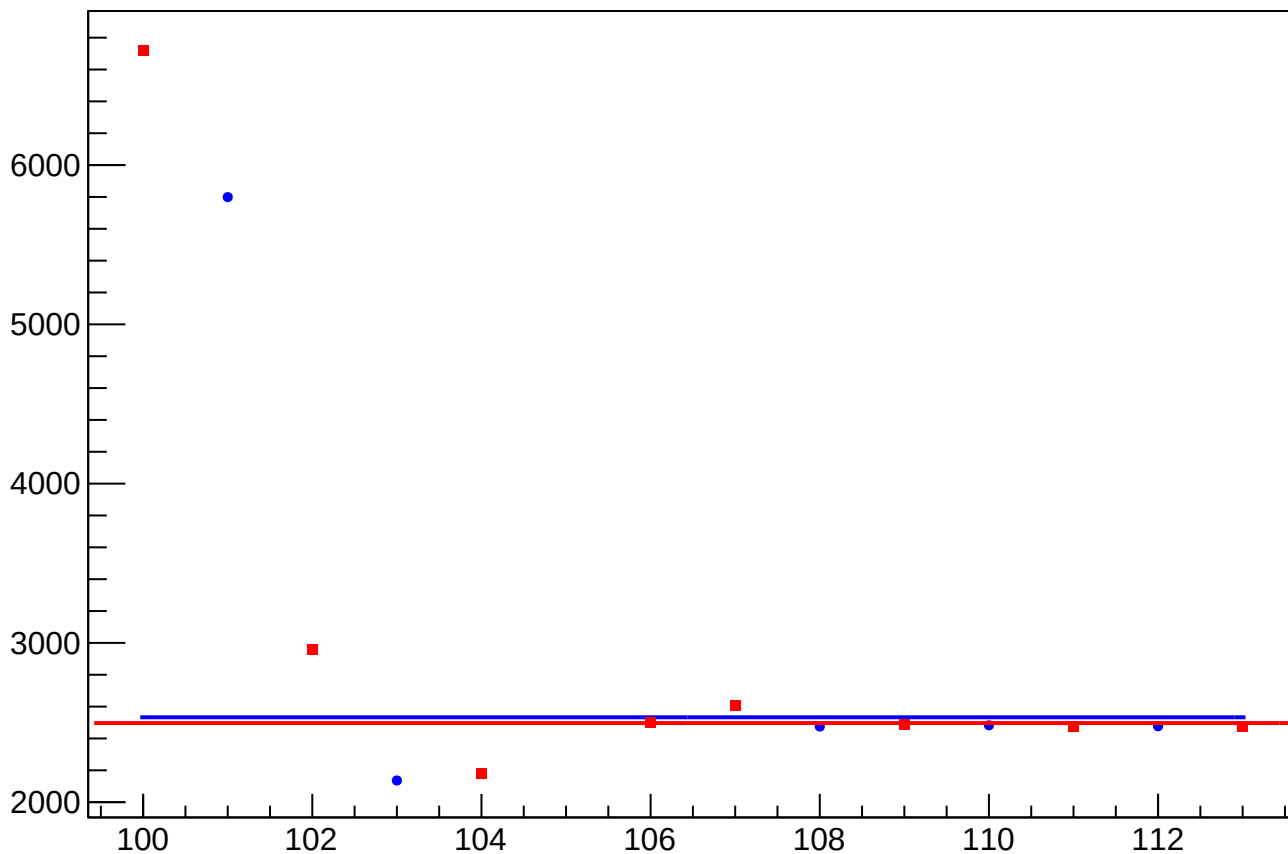
Right: 2857.908+/-1082.291 χ^2/NDF : 13.5/12

In: 3077.525+/-1670.078 χ^2/NDF : 9.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2857.908+/-1082.291 χ^2/NDF : 13.5/12

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: 2496.706+/-1.005 χ^2/NDF : 104815.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

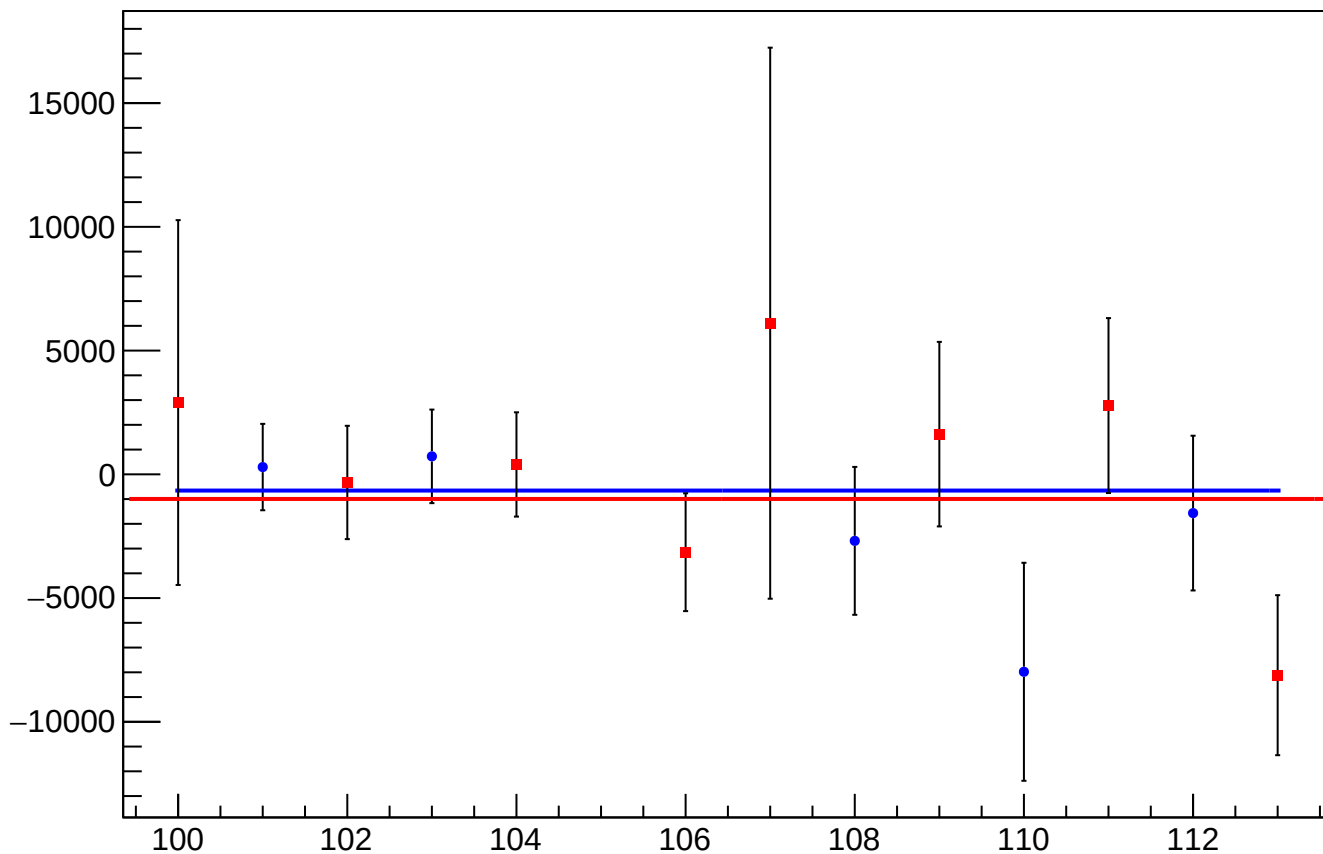
Right: 2511.906+/-0.765 χ^2/NDF : 564145.6/12

In: 2532.898+/-1.181 χ^2/NDF : 458785.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2511.906+/-0.765 χ^2/NDF : 564145.6/12

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: -995.131+/-1074.248 χ^2/NDF : 8.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

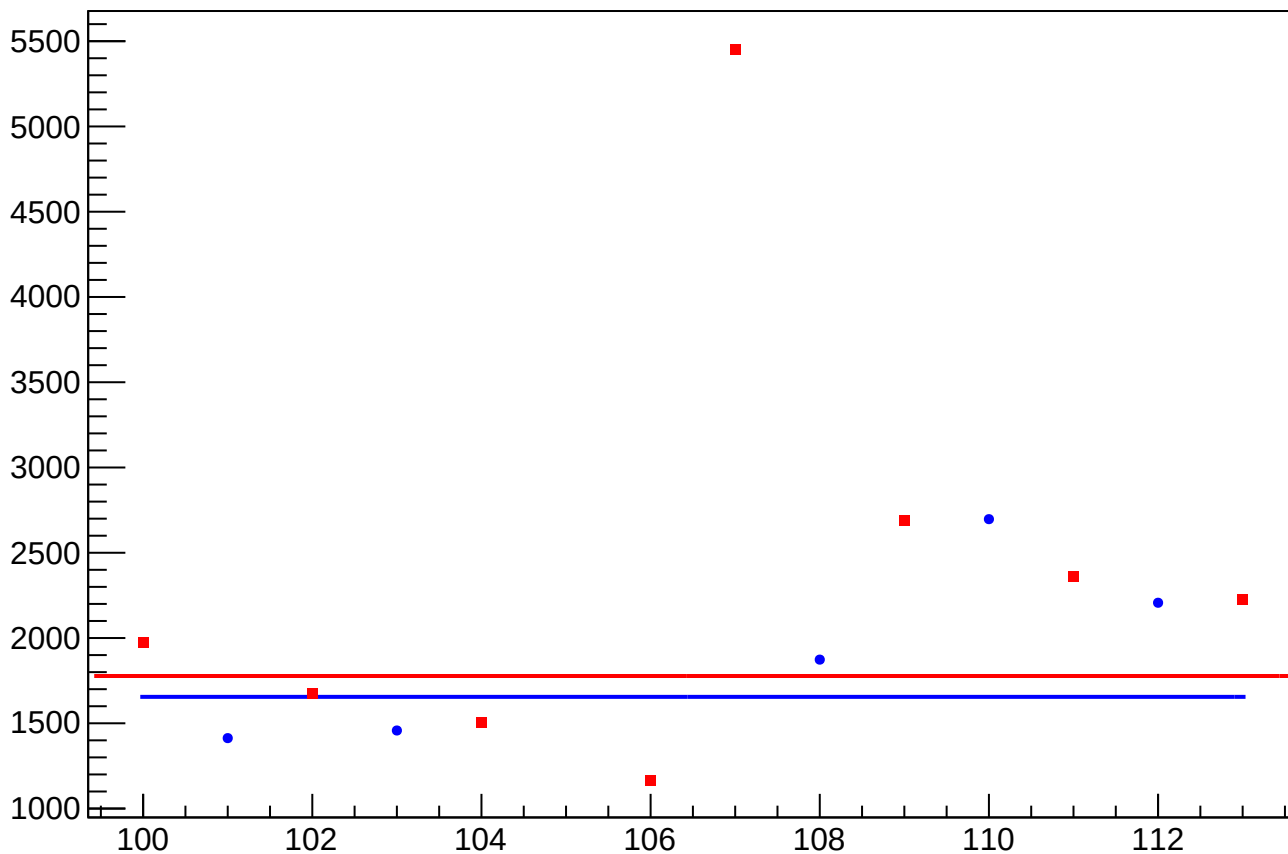
Right: -824.617+/-757.981 χ^2/NDF : 12.7/12

In: -655.555+/-1069.661 χ^2/NDF : 4.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -824.617+/-757.981 χ^2/NDF : 12.7/12

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: 1777.302 ± 0.760 χ^2/NDF : 601216.2/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

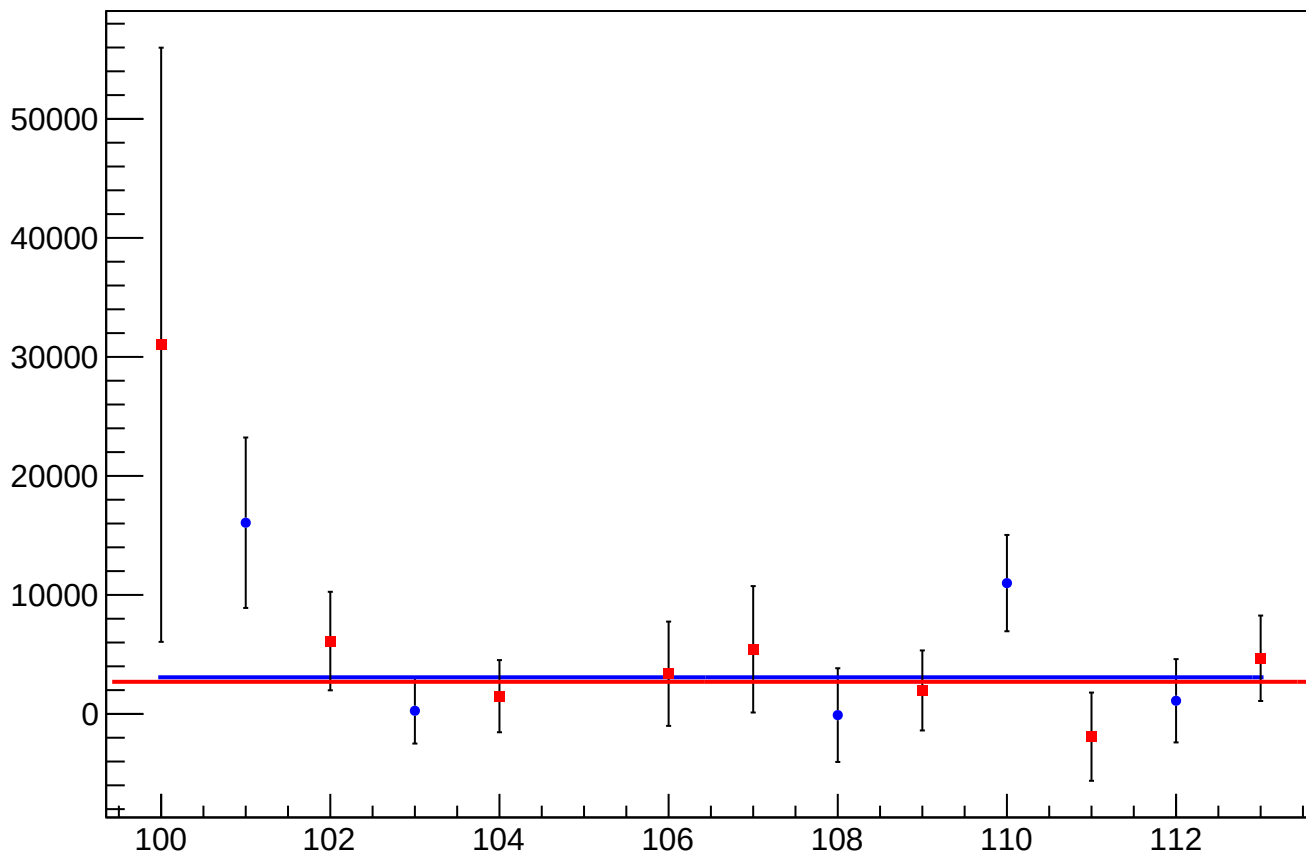
Right: 1715.896 ± 0.536 χ^2/NDF : 859404.9/12

In: 1655.013 ± 0.756 χ^2/NDF : 245174.3/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1715.896 ± 0.536 χ^2/NDF : 859404.9/12

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: 2698.898+/-1421.076 χ^2/NDF : 4.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

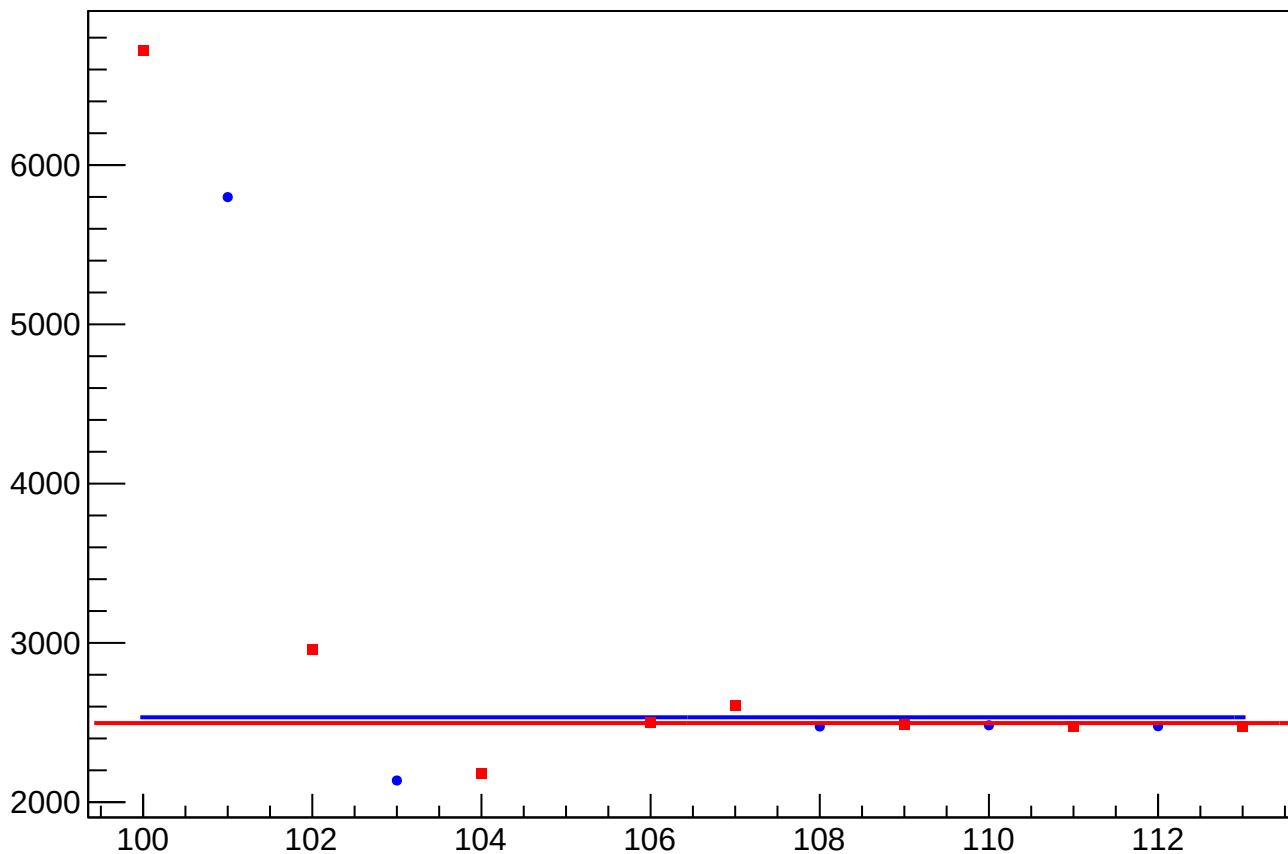
Right: 2857.908+/-1082.291 χ^2/NDF : 13.5/12

In: 3077.525+/-1670.078 χ^2/NDF : 9.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2857.908+/-1082.291 χ^2/NDF : 13.5/12

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: 2496.706+/-1.005 χ^2/NDF : 104815.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

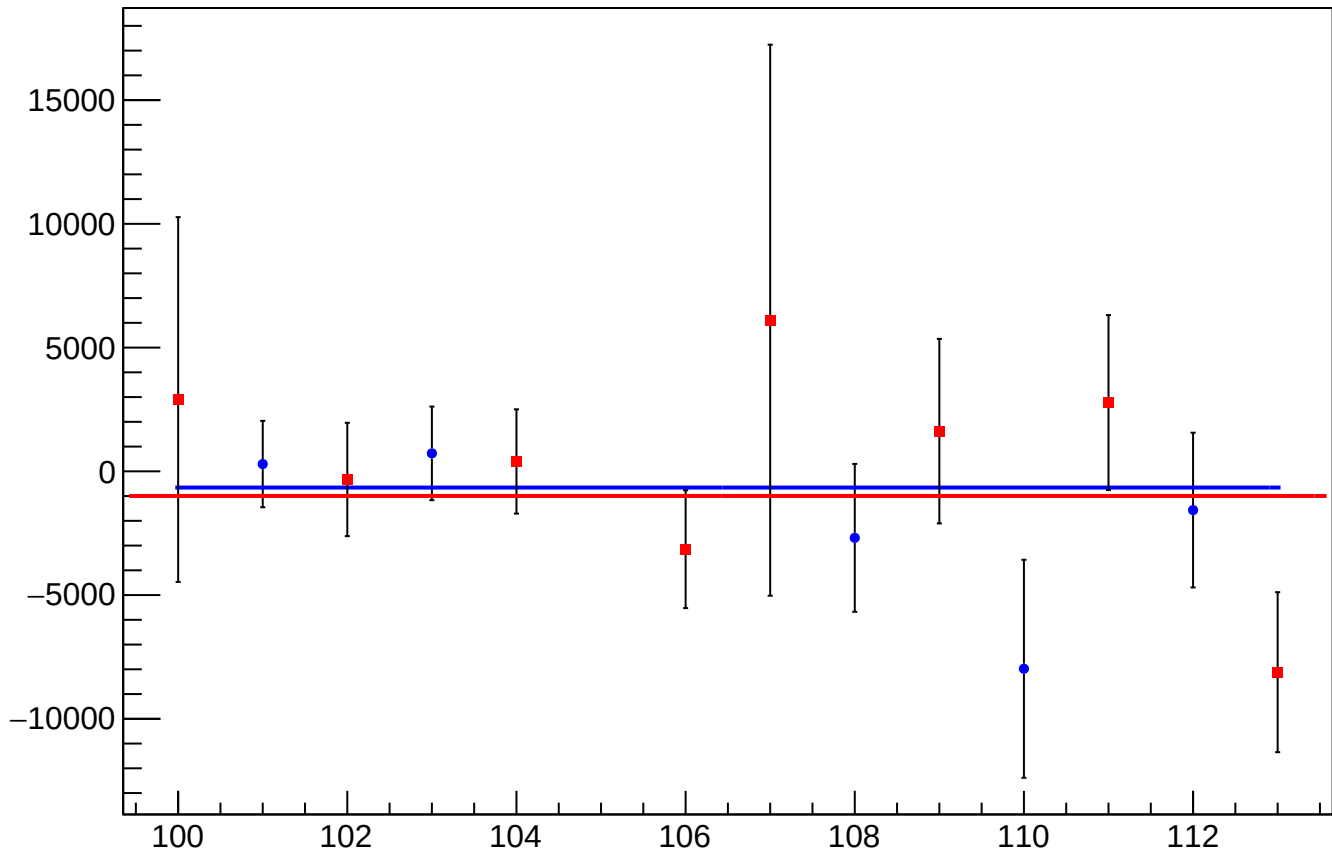
Right: 2511.906+/-0.765 χ^2/NDF : 564145.6/12

In: 2532.898+/-1.181 χ^2/NDF : 458785.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2511.906+/-0.765 χ^2/NDF : 564145.6/12

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: -995.131+/-1074.248 χ^2/NDF : 8.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

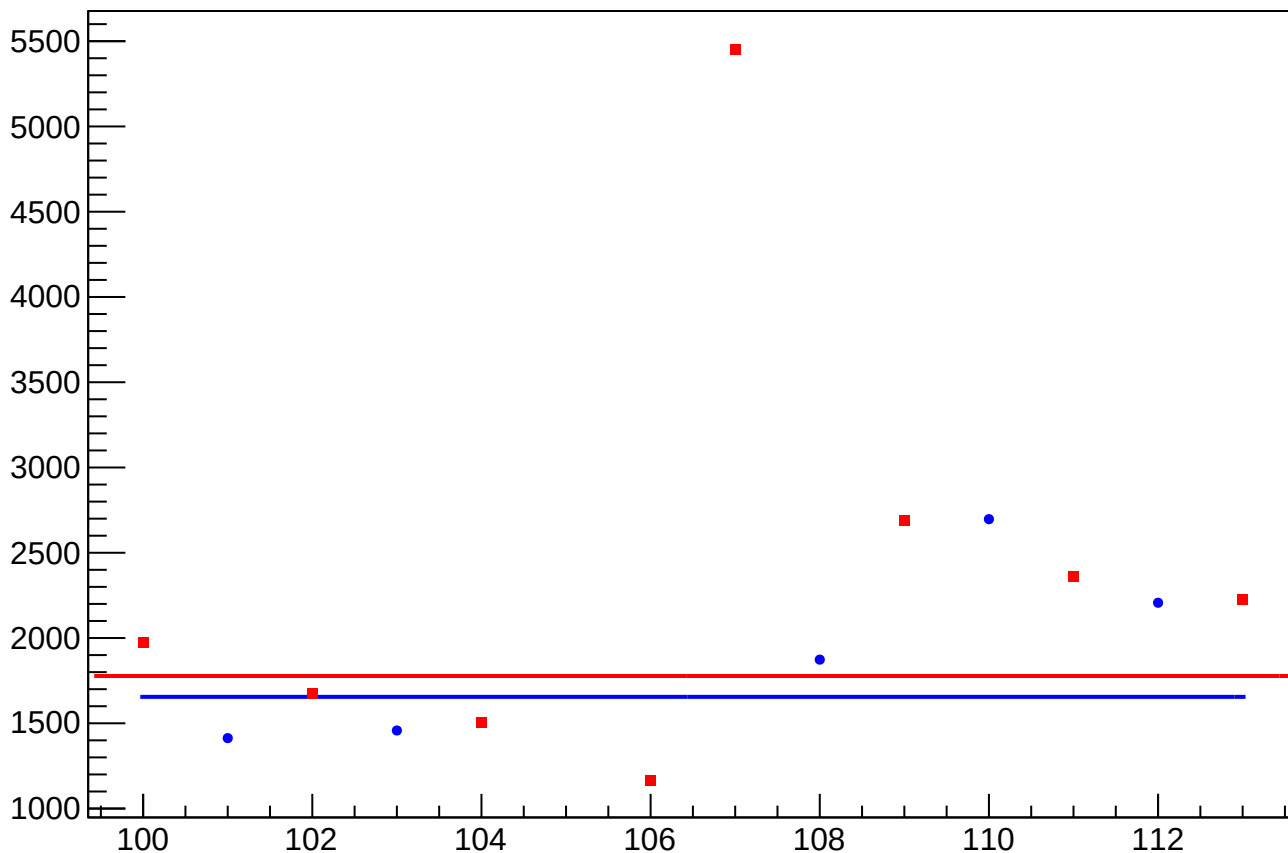
Right: -824.617+/-757.981 χ^2/NDF : 12.7/12

In: -655.555+/-1069.661 χ^2/NDF : 4.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -824.617+/-757.981 χ^2/NDF : 12.7/12

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: 1777.302+/-0.760 χ^2/NDF : 601216.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

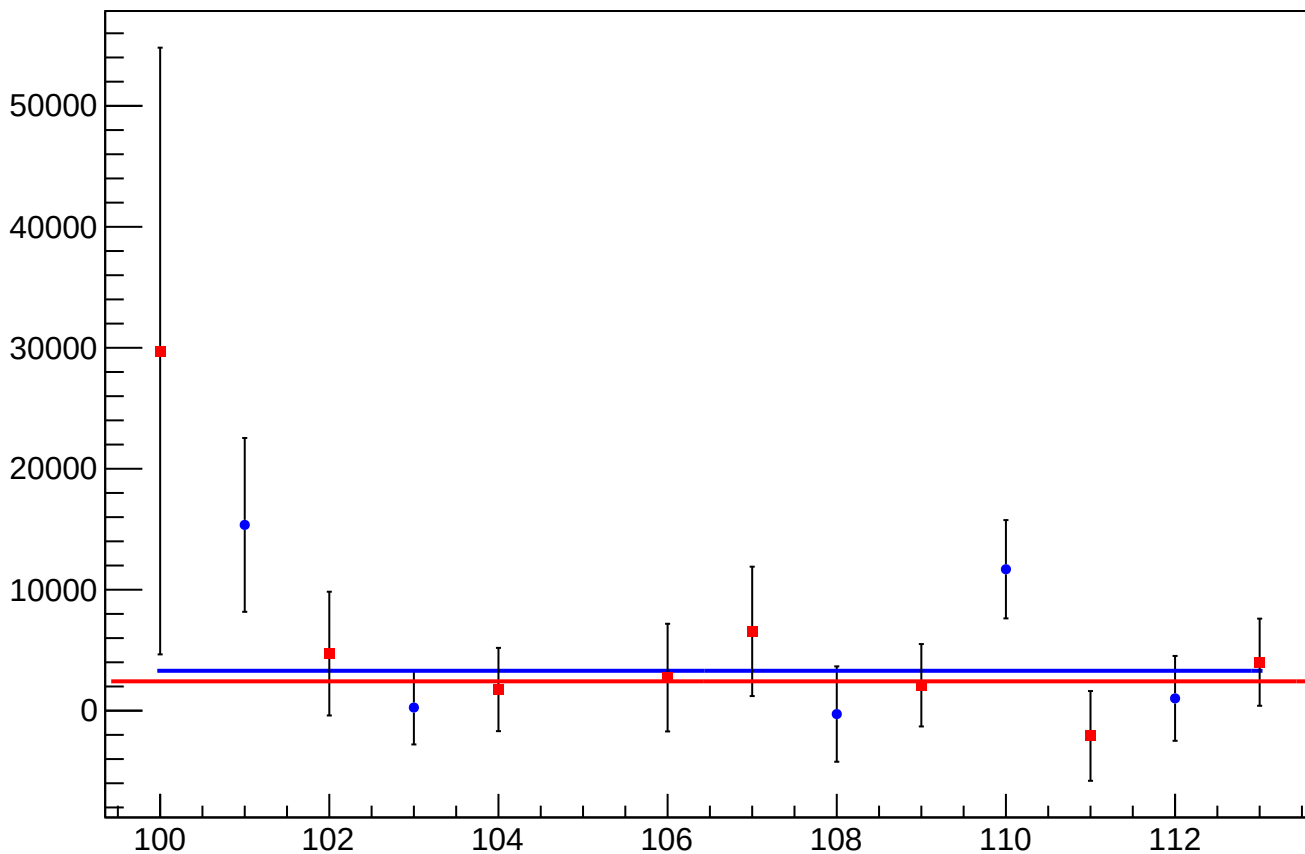
Right: 1715.896+/-0.536 χ^2/NDF : 859404.9/12

In: 1655.013+/-0.756 χ^2/NDF : 245174.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1715.896+/-0.536 χ^2/NDF : 859404.9/12

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: 2426.460+/-1498.088 χ^2/NDF : 3.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

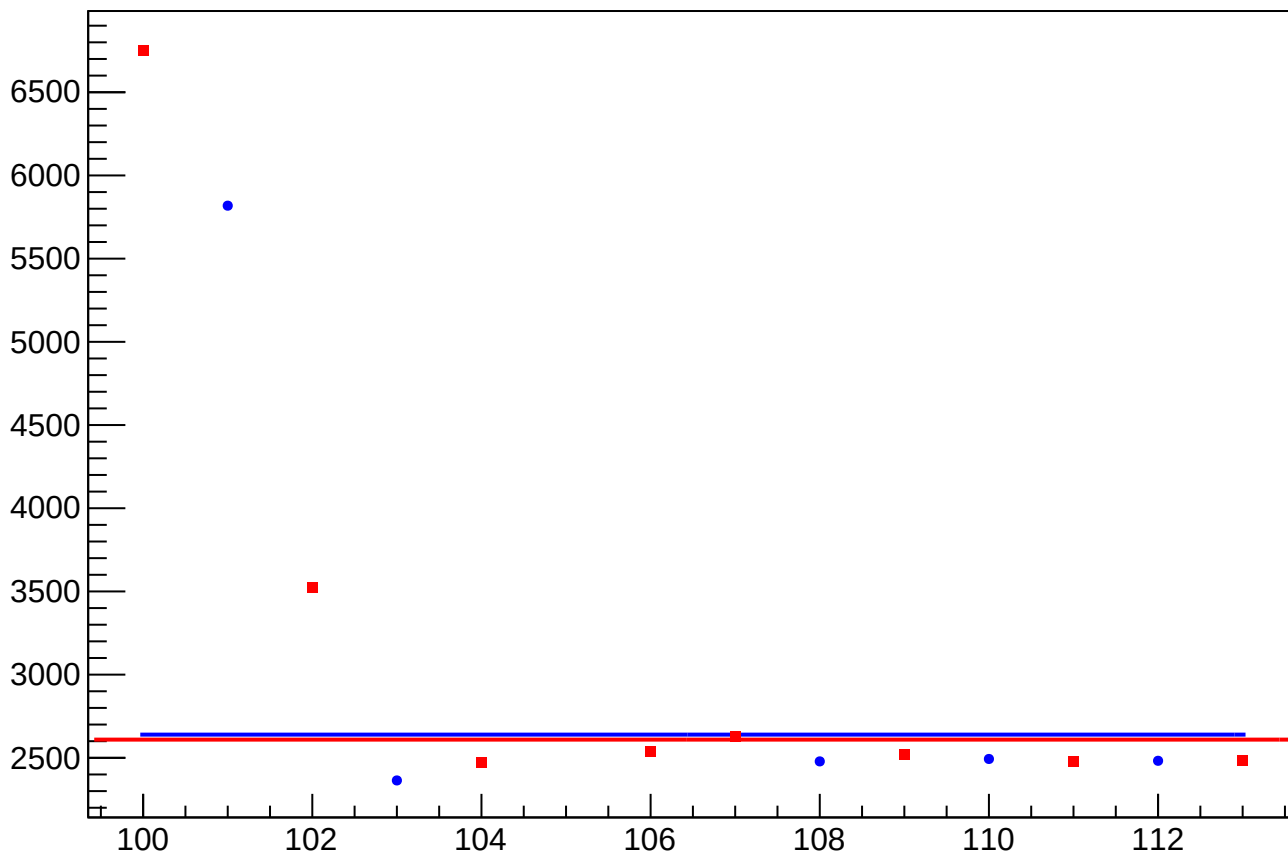
Right: 2799.203+/-1133.328 χ^2/NDF : 13.2/12

In: 3298.000+/-1732.983 χ^2/NDF : 9.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2799.203+/-1133.328 χ^2/NDF : 13.2/12

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: 2609.468+/-1.059 χ^2/NDF : 127990.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

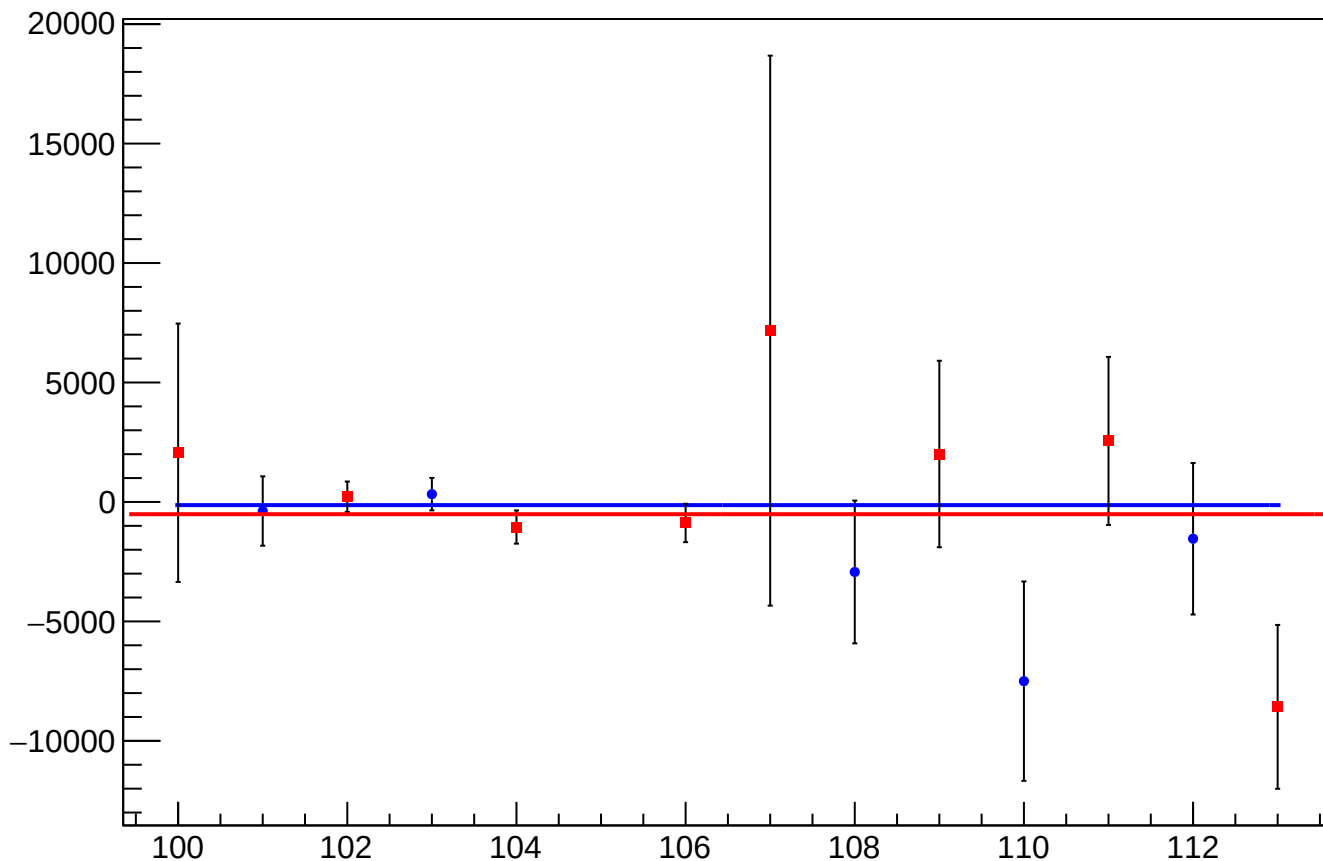
Right: 2622.301+/-0.801 χ^2/NDF : 546003.2/12

In: 2639.473+/-1.225 χ^2/NDF : 417669.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2622.301+/-0.801 χ^2/NDF : 546003.2/12

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: -512.734+/-396.364 χ^2 /NDF: 9.5/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

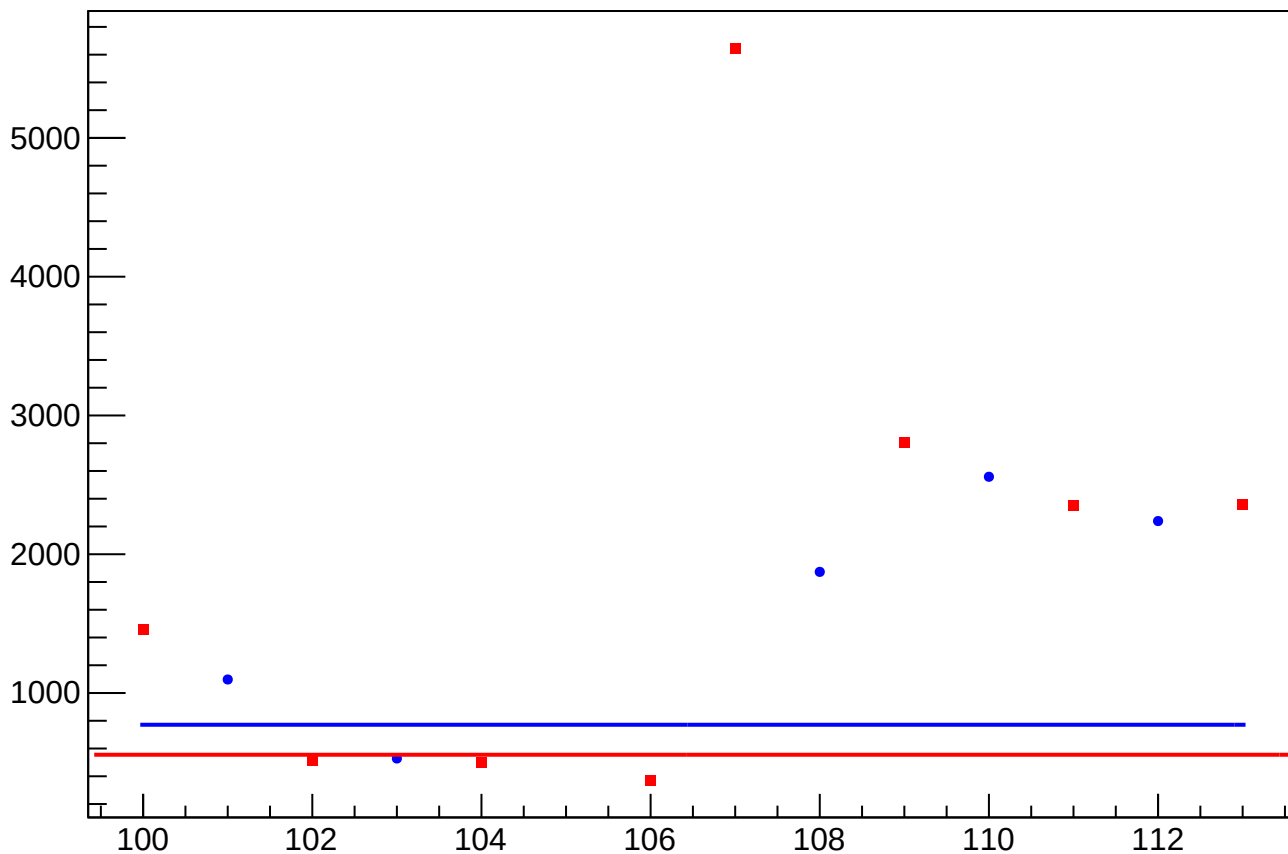
Right: -393.347+/-328.357 χ^2 /NDF: 14.5/12

In: -132.172+/-586.246 χ^2 /NDF:4.7/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -393.347+/-328.357 χ^2 /NDF: 14.5/12

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: 555.144+/-0.280 χ^2/NDF : 2316440.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

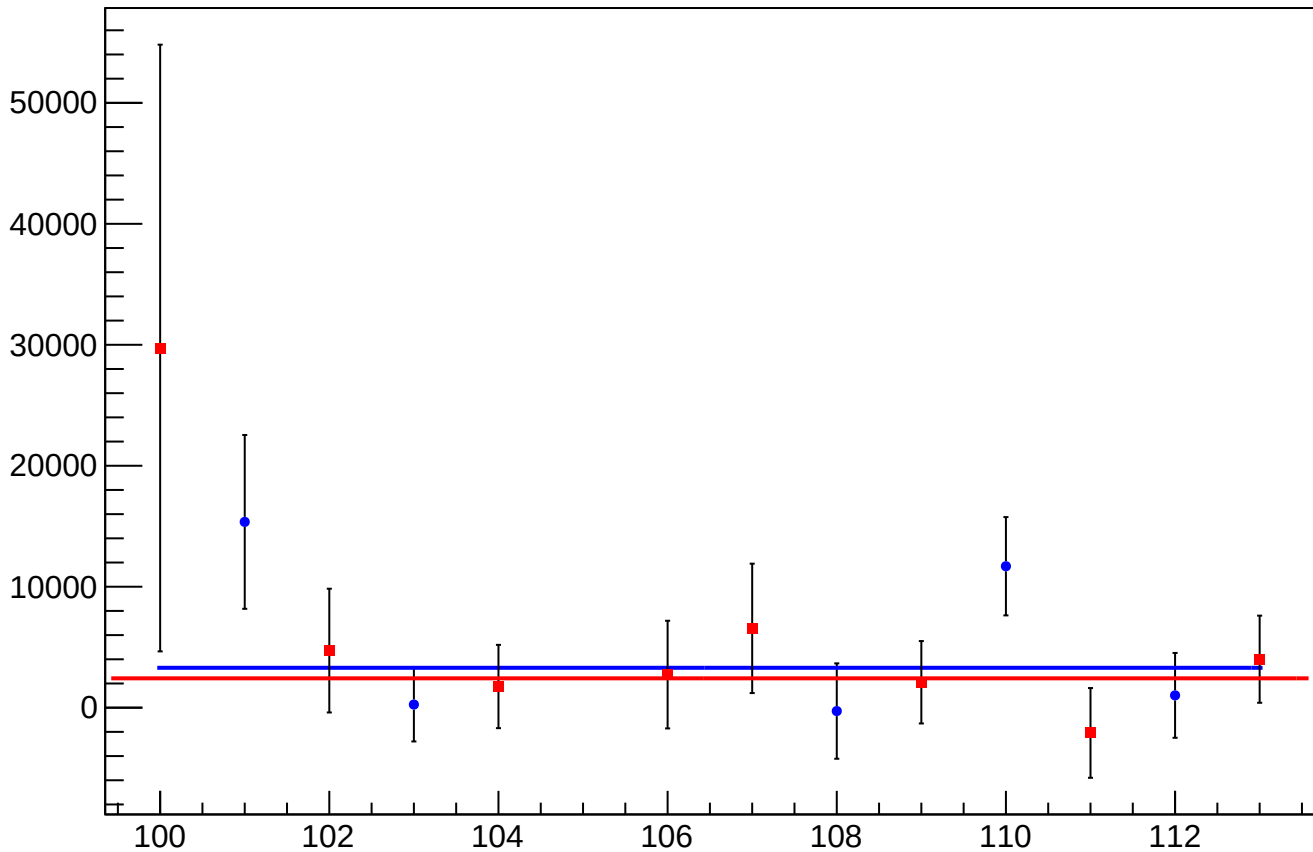
Right: 622.937+/-0.232 χ^2/NDF : 3926967.9/12

In: 771.241+/-0.415 χ^2/NDF : 1424031.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 622.937+/-0.232 χ^2/NDF : 3926967.9/12

eigen_dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3297.997+/-1732.982 χ^2/NDF : 9.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2426.455+/-1498.087 χ^2/NDF : 3.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

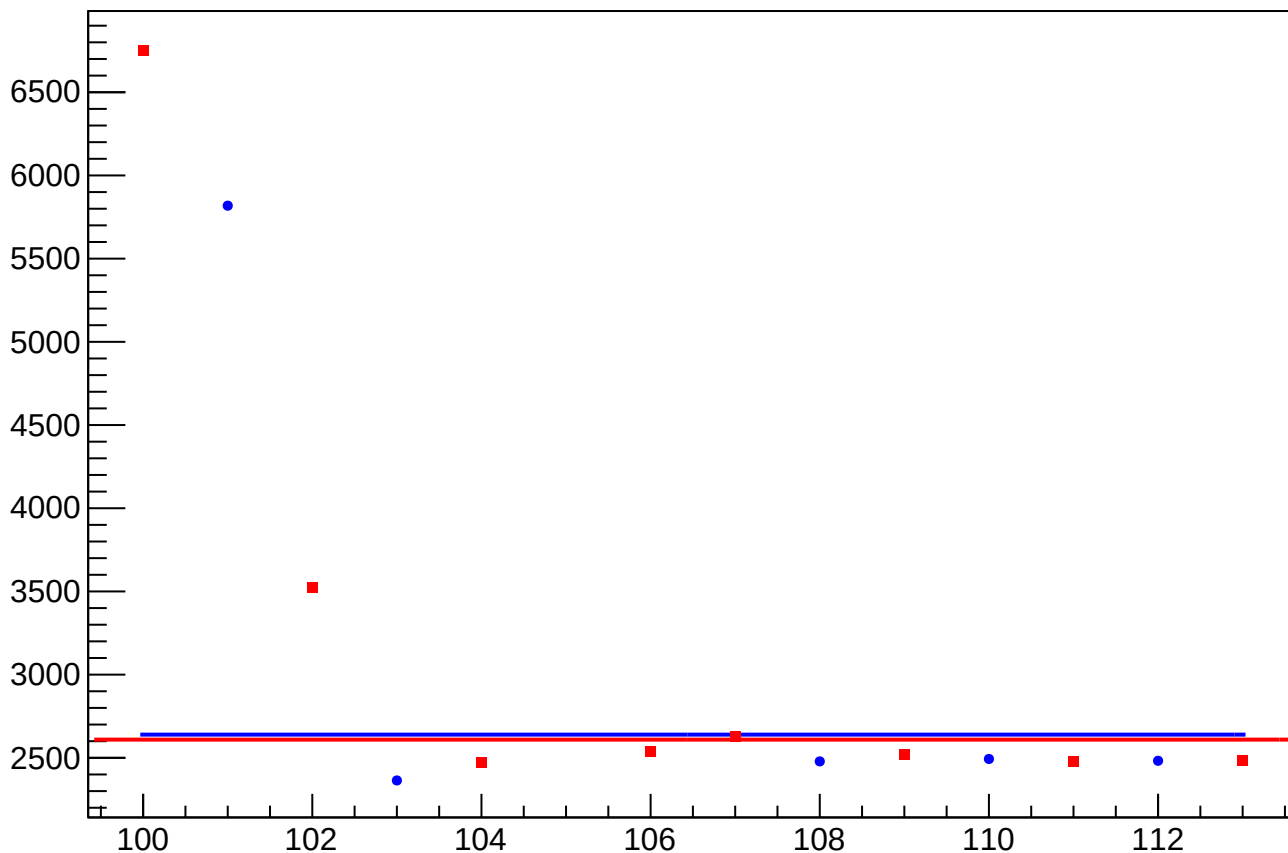
Right: 2799.199+/-1133.327 χ^2/NDF : 13.2/12

In: 3297.997+/-1732.982 χ^2/NDF : 9.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2799.199+/-1133.327 χ^2/NDF : 13.2/12

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: 2609.466+/-1.059 χ^2/NDF : 127989.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

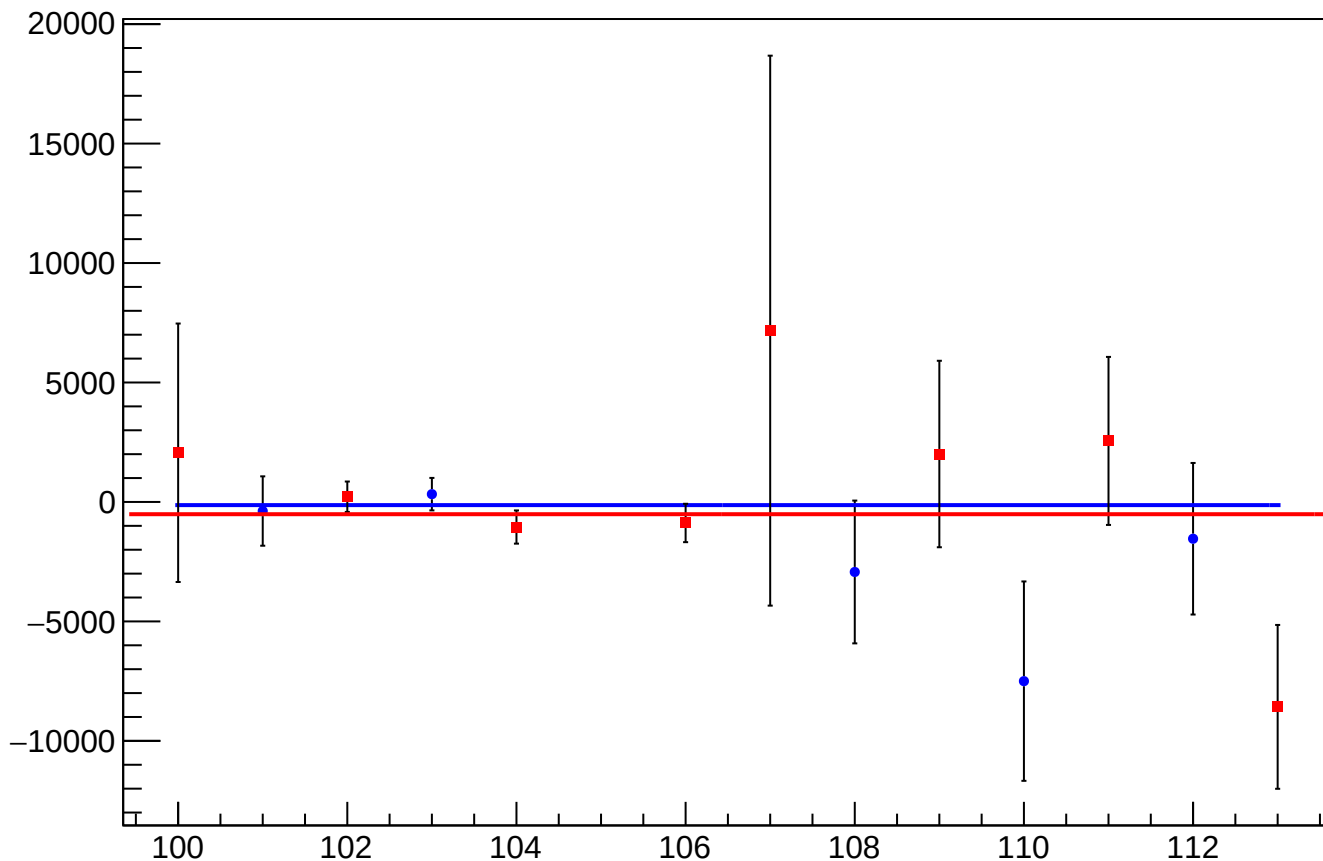
Right: 2622.299+/-0.801 χ^2/NDF : 546003.4/12

In: 2639.471+/-1.225 χ^2/NDF : 417670.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2622.299+/-0.801 χ^2/NDF : 546003.4/12

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: -512.742+/-396.370 χ^2/NDF : 9.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

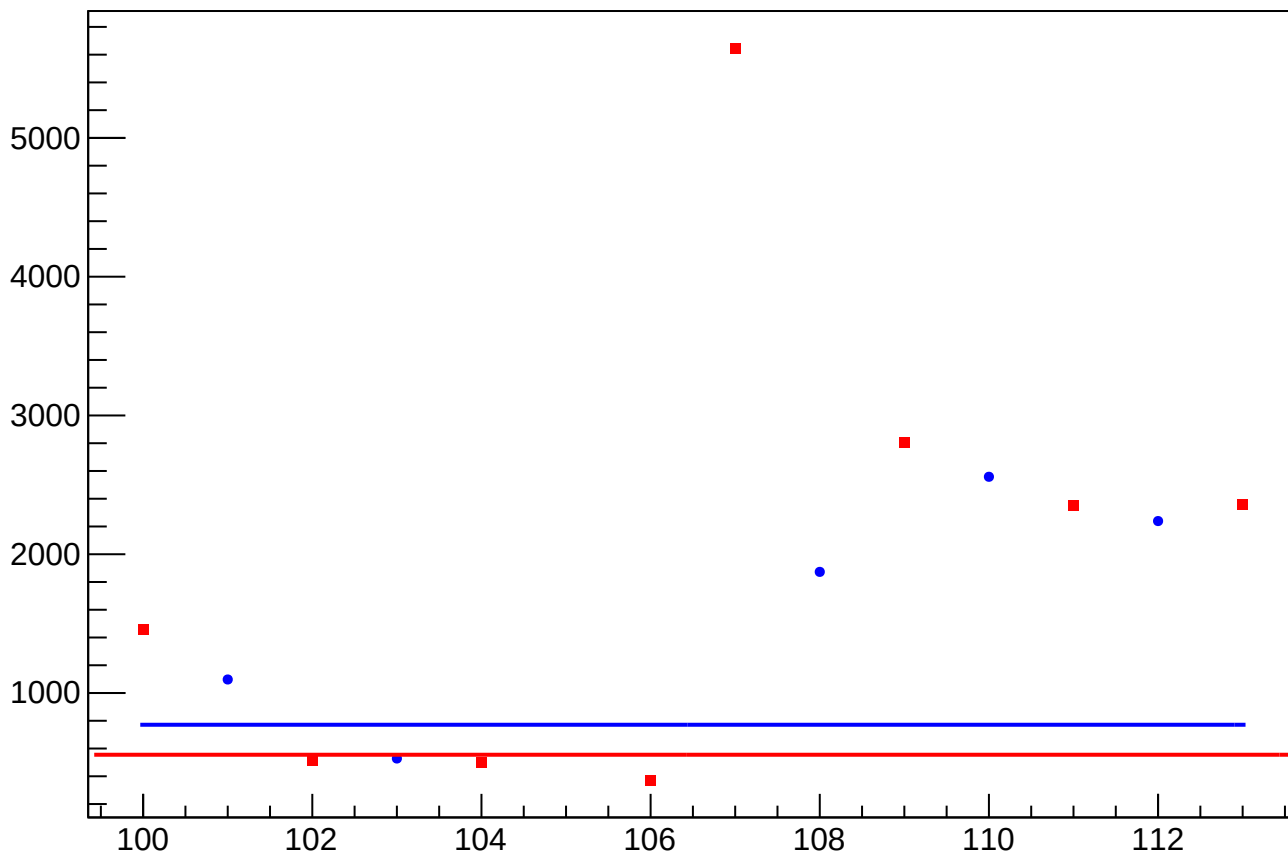
Right: -393.355+/-328.362 χ^2/NDF : 14.5/12

In: -132.185+/-586.251 χ^2/NDF : 4.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -393.355+/-328.362 χ^2/NDF : 14.5/12

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: 555.156+/-0.280 χ^2/NDF : 2316407.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

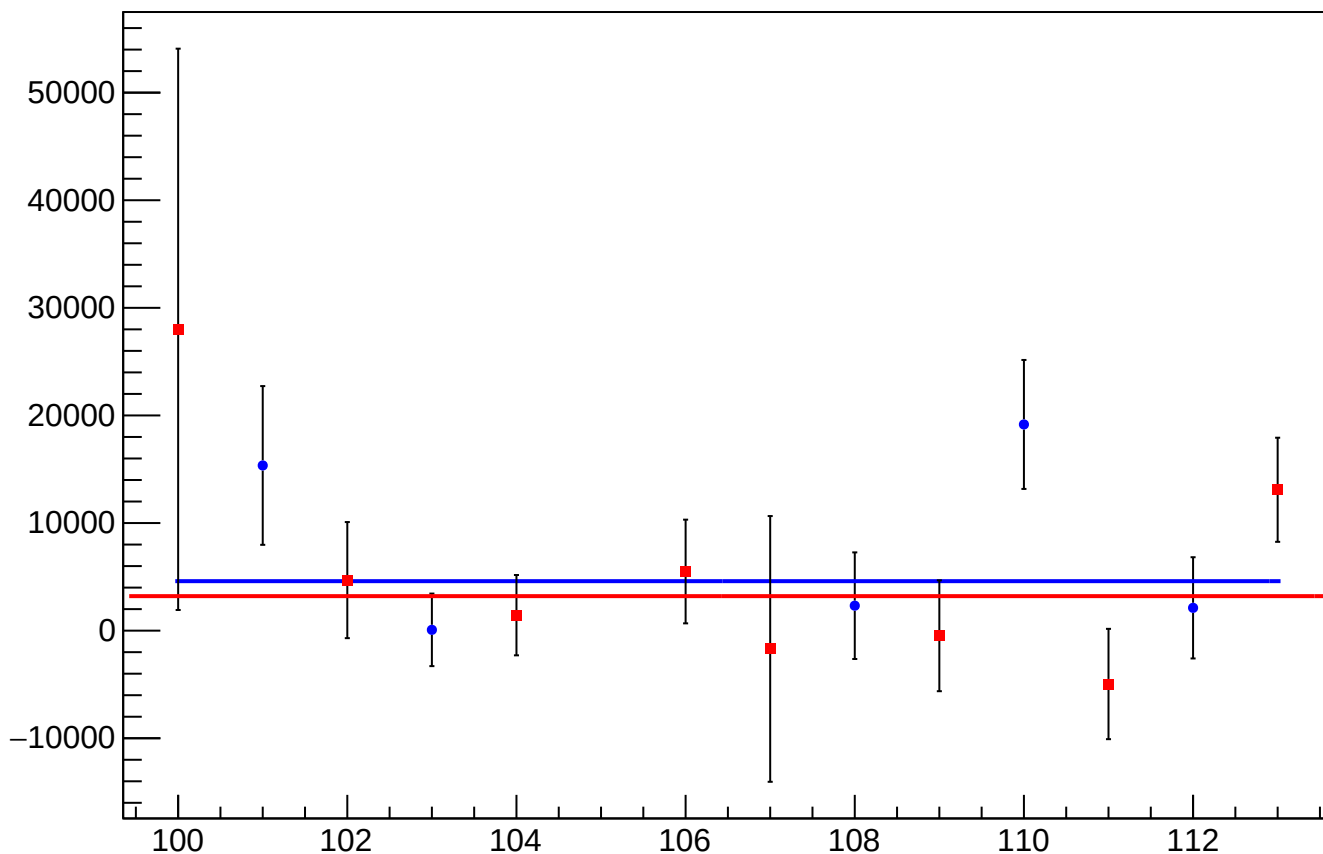
Right: 622.948+/-0.232 χ^2/NDF : 3926908.6/12

In: 771.250+/-0.415 χ^2/NDF : 1424012.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 622.948+/-0.232 χ^2/NDF : 3926908.6/12

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: 3207.072+/-1904.650 χ^2/NDF : 8.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

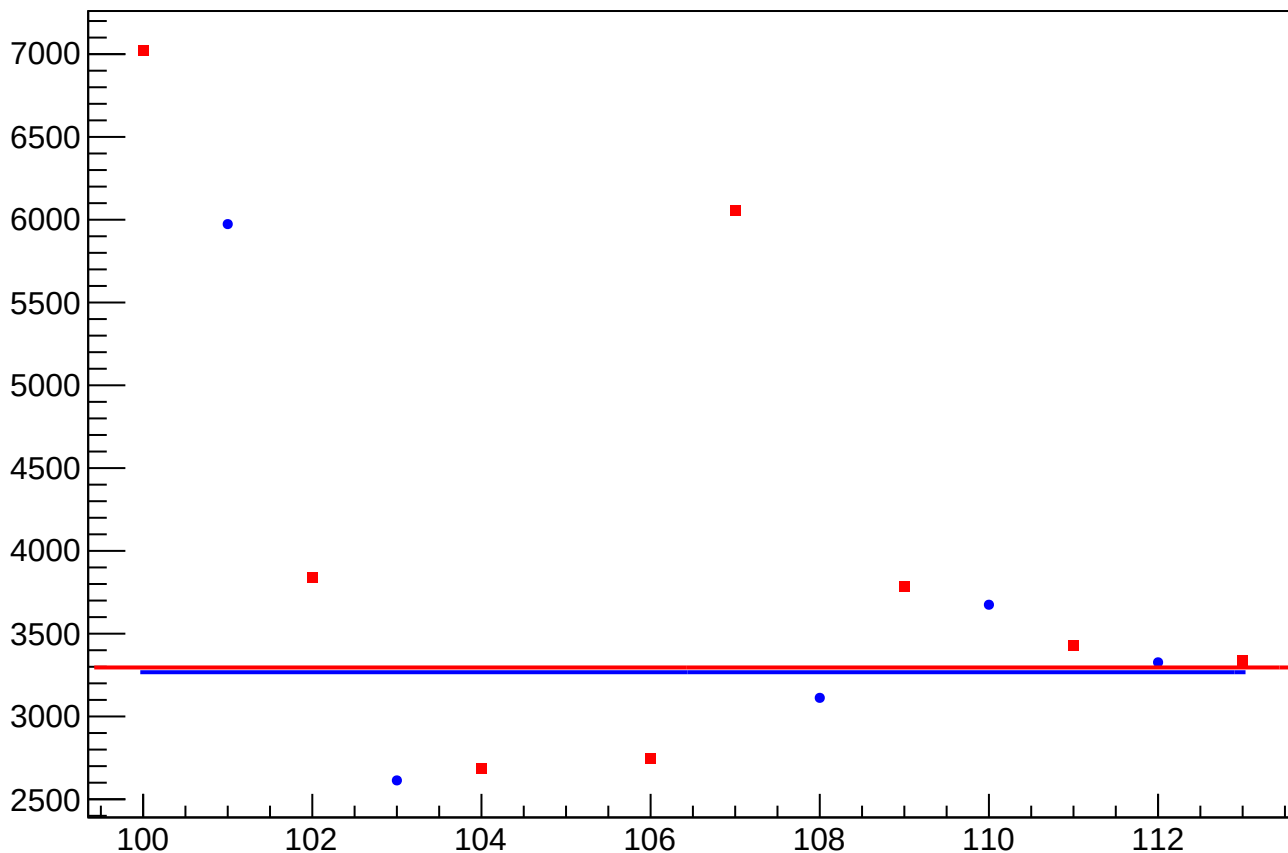
Right: 3825.116+/-1420.148 χ^2/NDF : 19.4/12

In: 4598.910+/-2131.172 χ^2/NDF : 10.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3825.116+/-1420.148 χ^2/NDF : 19.4/12

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: 3295.929+/-1.347 χ^2/NDF : 259206.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

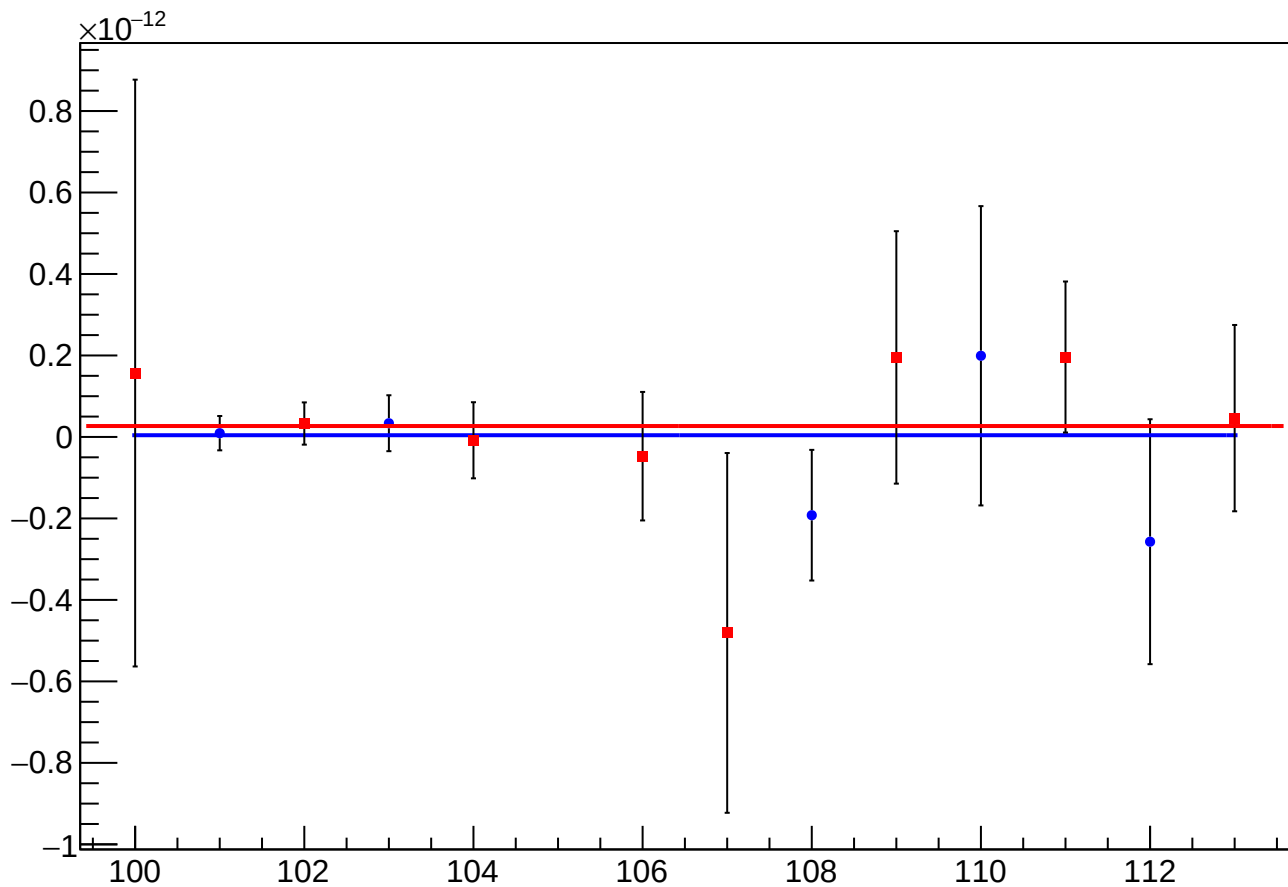
Right: 3283.159+/-1.004 χ^2/NDF : 615333.0/12

In: 3267.172+/-1.507 χ^2/NDF : 355923.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3283.159+/-1.004 χ^2/NDF : 615333.0/12

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 : 2.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

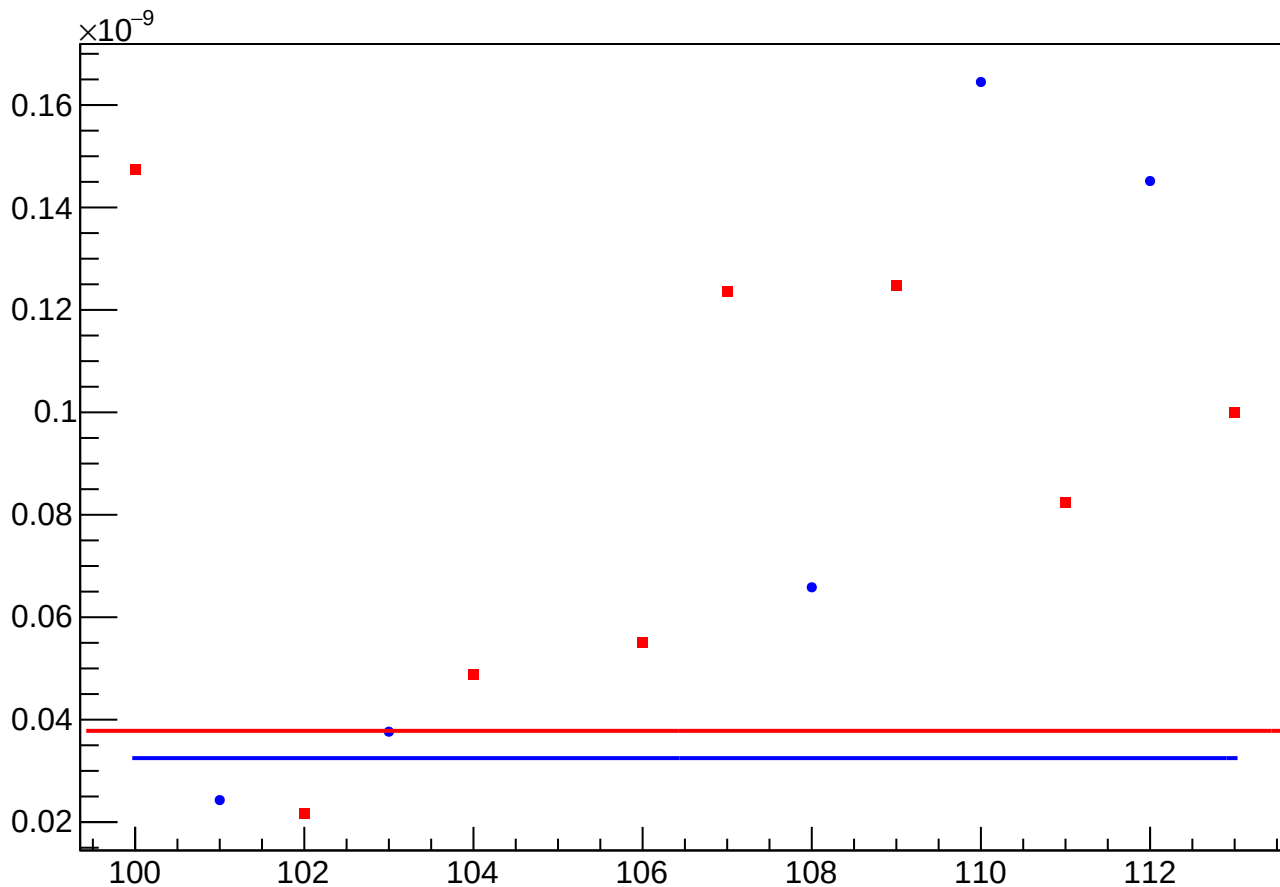
Right: 0.000+/-0.000 χ^2/NDF : 5.8/12

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 : 5.8/12

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 : 789605.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

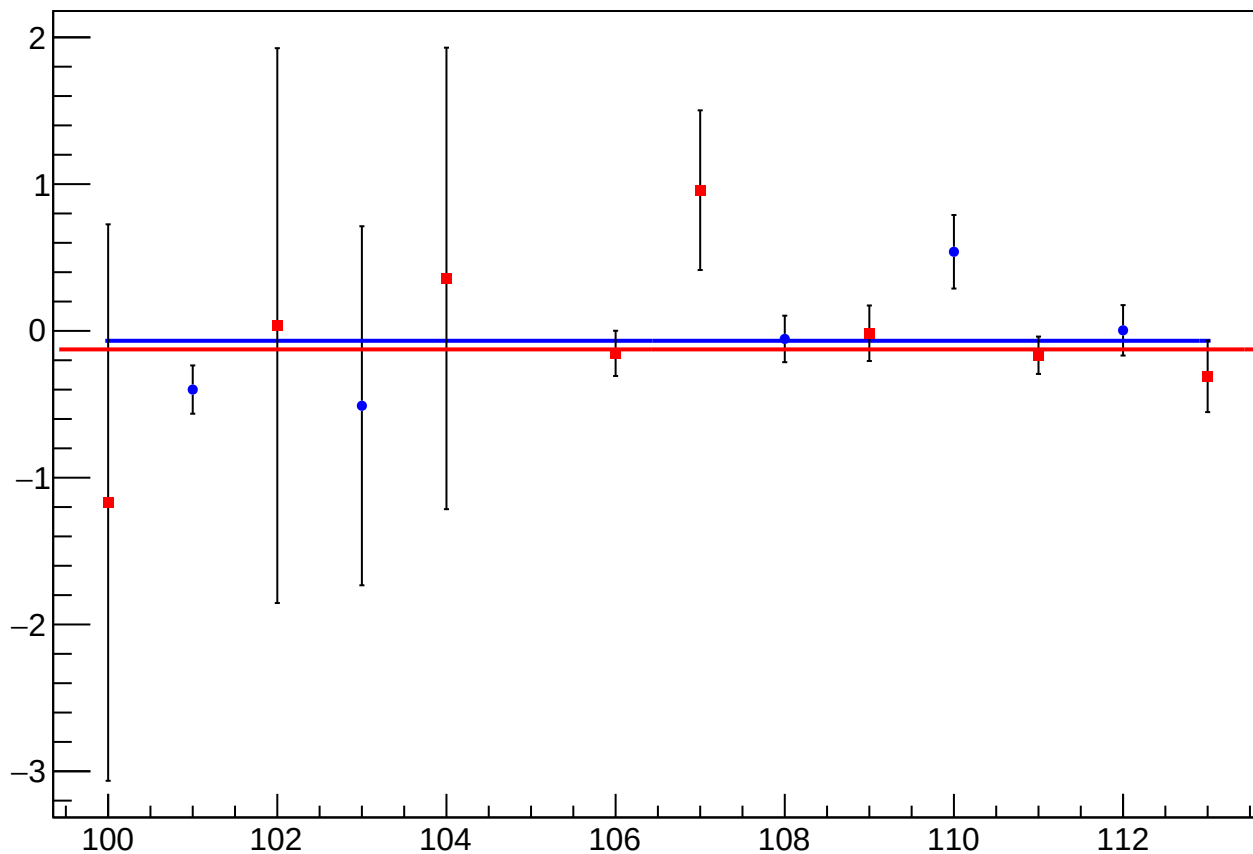
Right: 0.000+/-0.000 χ^2/NDF : 1522007.2/12

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 : 1522007.2/12

asym_us_avg_at1lr_avg_avg_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: -0.126+/-0.081 χ^2/NDF : 5.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

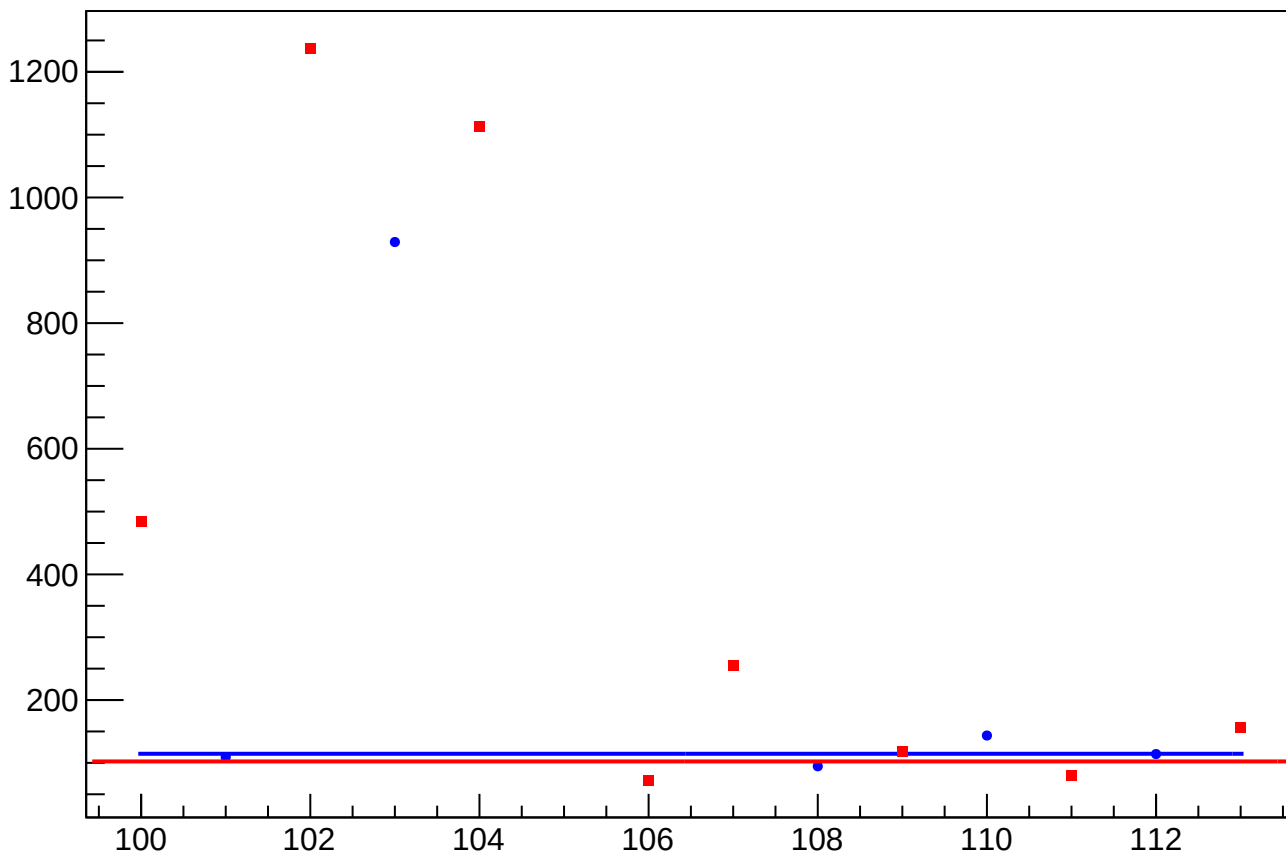
Right: -0.099+/-0.060 χ^2/NDF : 15.9/12

In: -0.067+/-0.089 χ^2/NDF : 10.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.099+/-0.060 χ^2/NDF : 15.9/12

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: 102.271+/-0.057 χ^2/NDF : 2046615.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

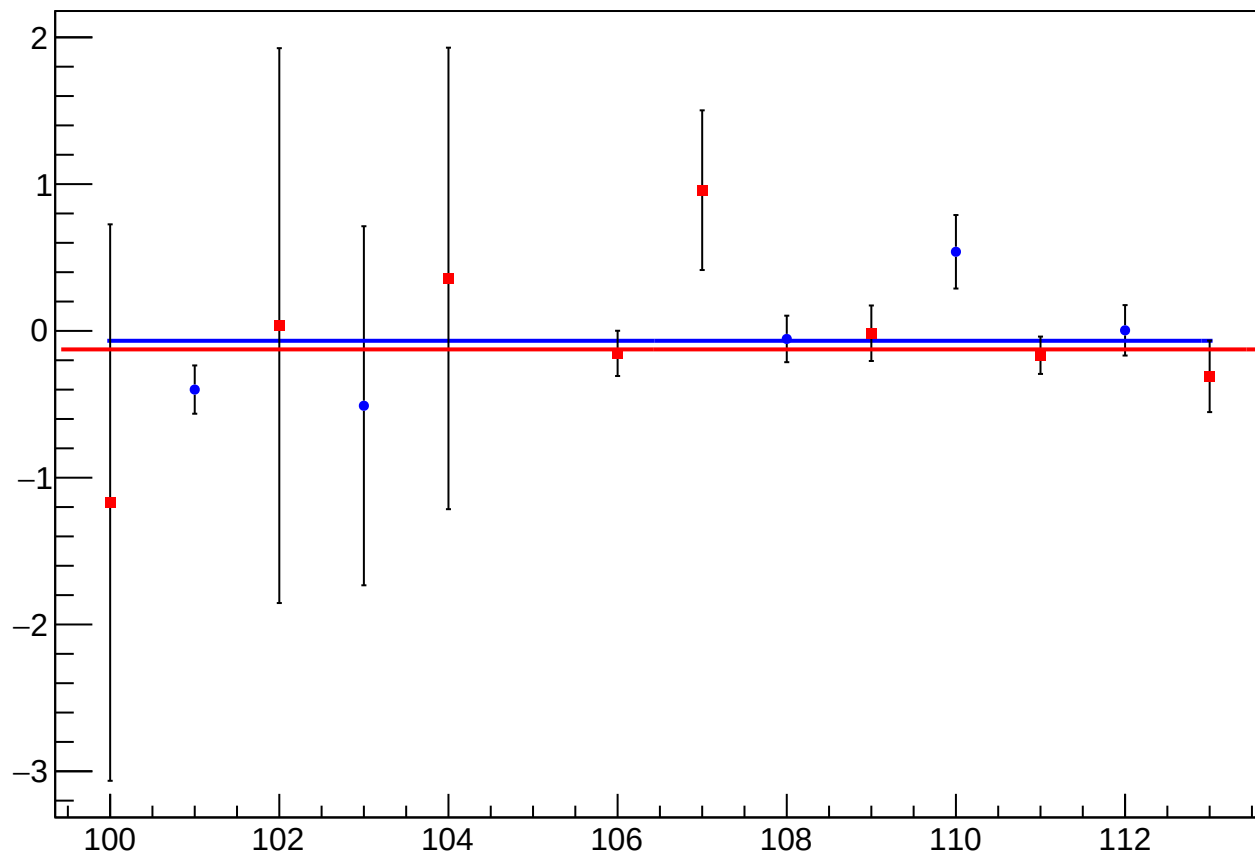
Right: 107.815+/-0.042 χ^2/NDF : 3015277.7/12

In: 114.481+/-0.063 χ^2/NDF : 947937.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.815+/-0.042 χ^2/NDF : 3015277.7/12

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: -0.126 $\pm$ 0.081 χ^2 /NDF: 5.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

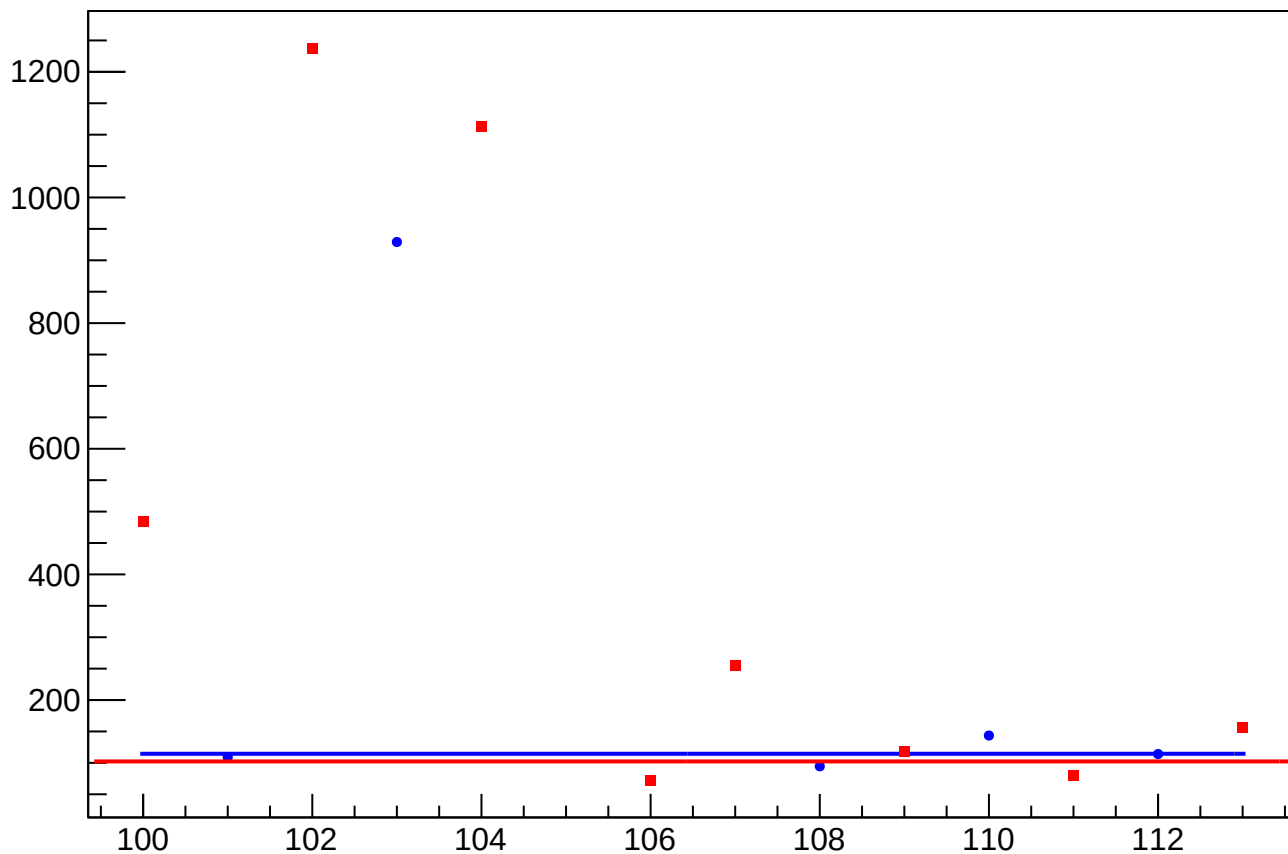
Right: -0.099 $\pm$ 0.060 χ^2 /NDF: 15.9/12

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: -0.099 $\pm$ 0.060 χ^2 /NDF: 15.9/12

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: 102.271+/-0.057 χ^2/NDF : 2046615.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

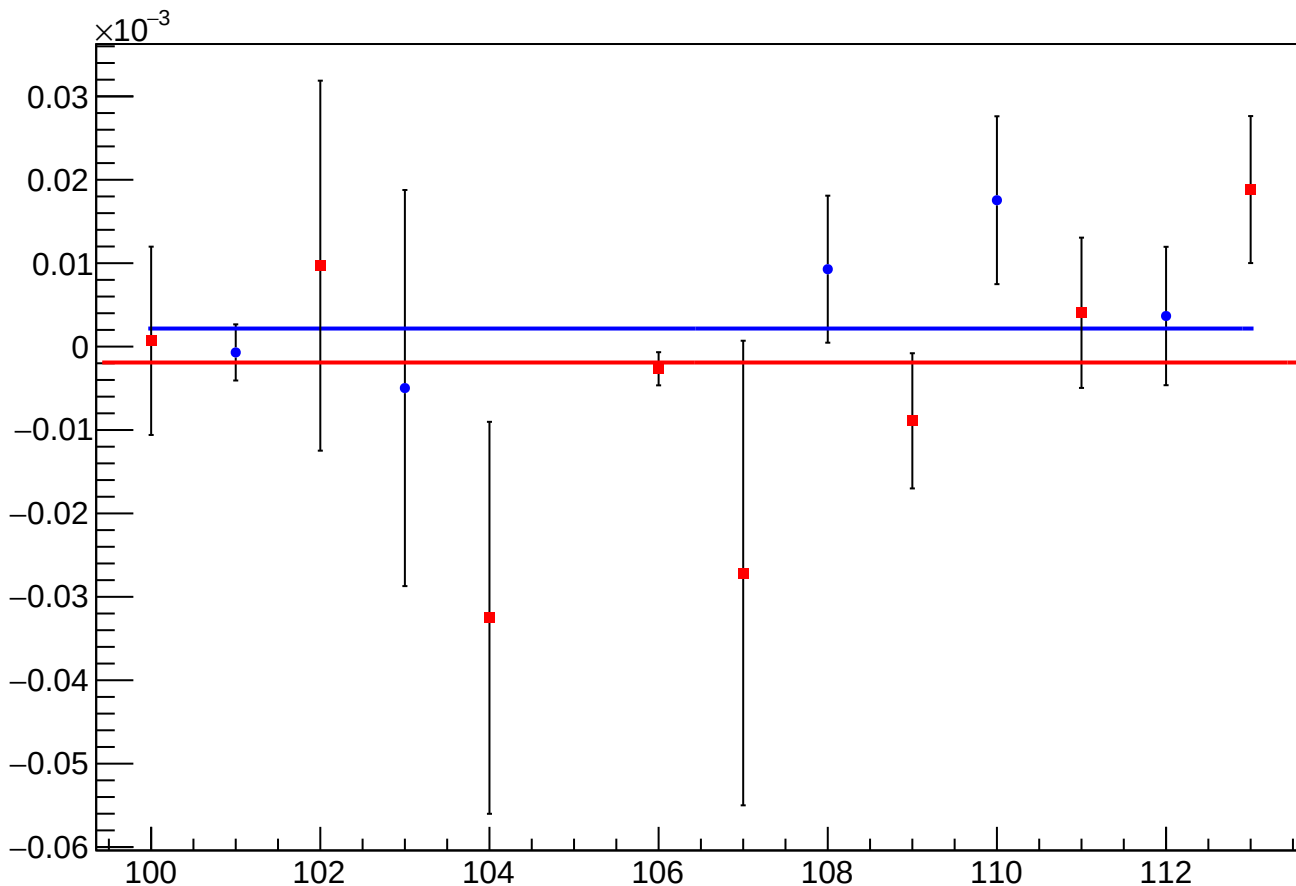
Right: 107.815+/-0.042 χ^2/NDF : 3015277.7/12

In: 114.481+/-0.063 χ^2/NDF : 947937.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.815+/-0.042 χ^2/NDF : 3015277.7/12

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

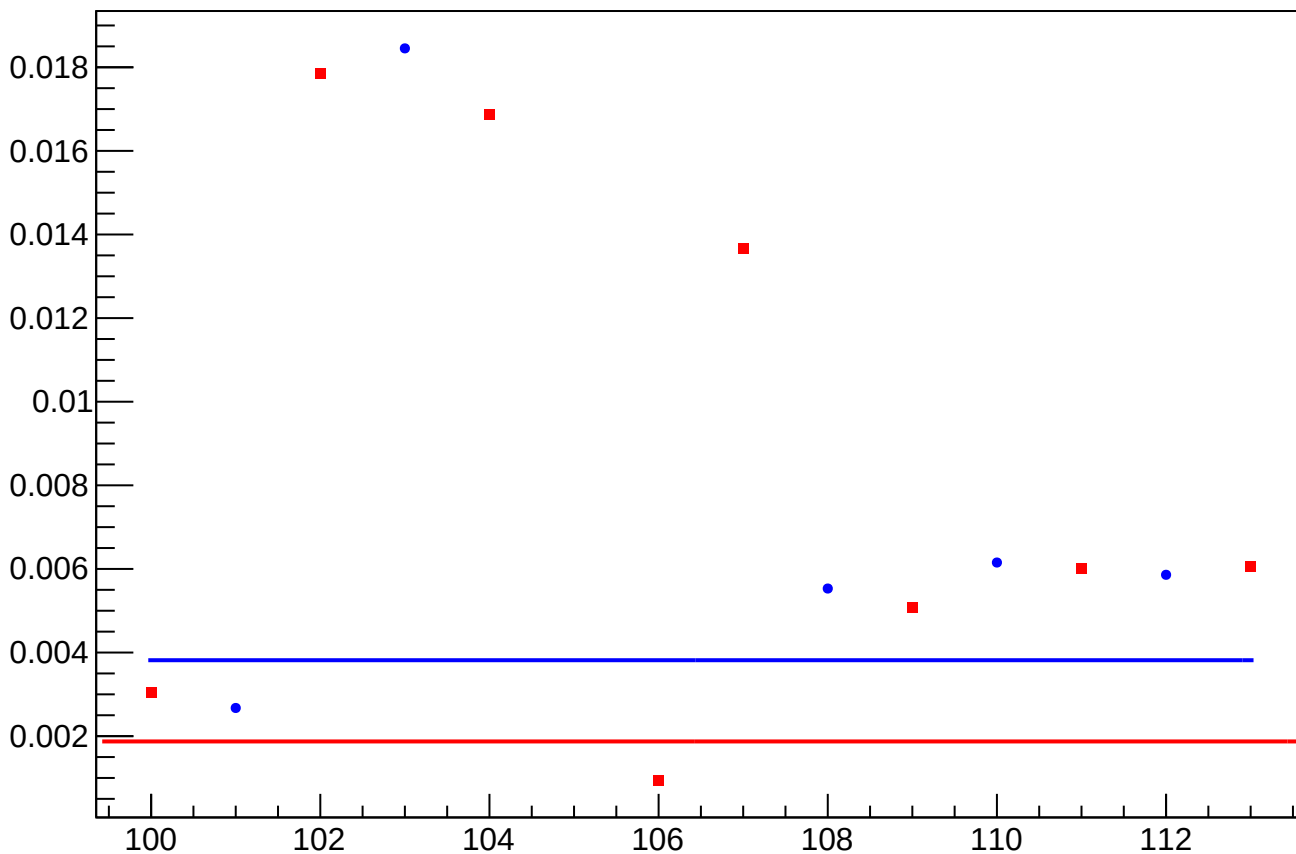
Right: -0.000+/-0.000 χ^2/NDF : 15.0/12

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 : 15.0/12

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 : 3870732.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

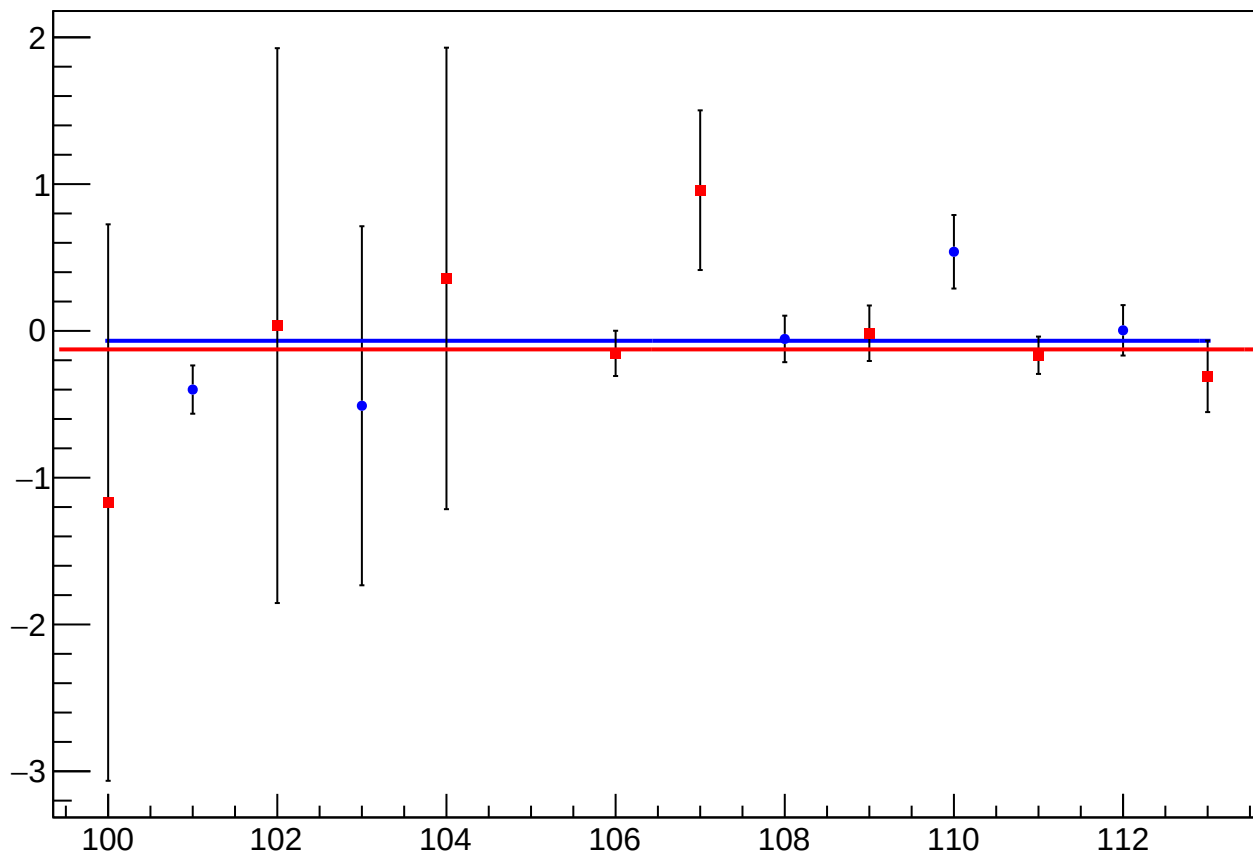
Right: 0.002+/-0.000 χ^2/NDF : 5845117.5/12

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 : 5845117.5/12

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: -0.126+/-0.081 χ^2/NDF : 5.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

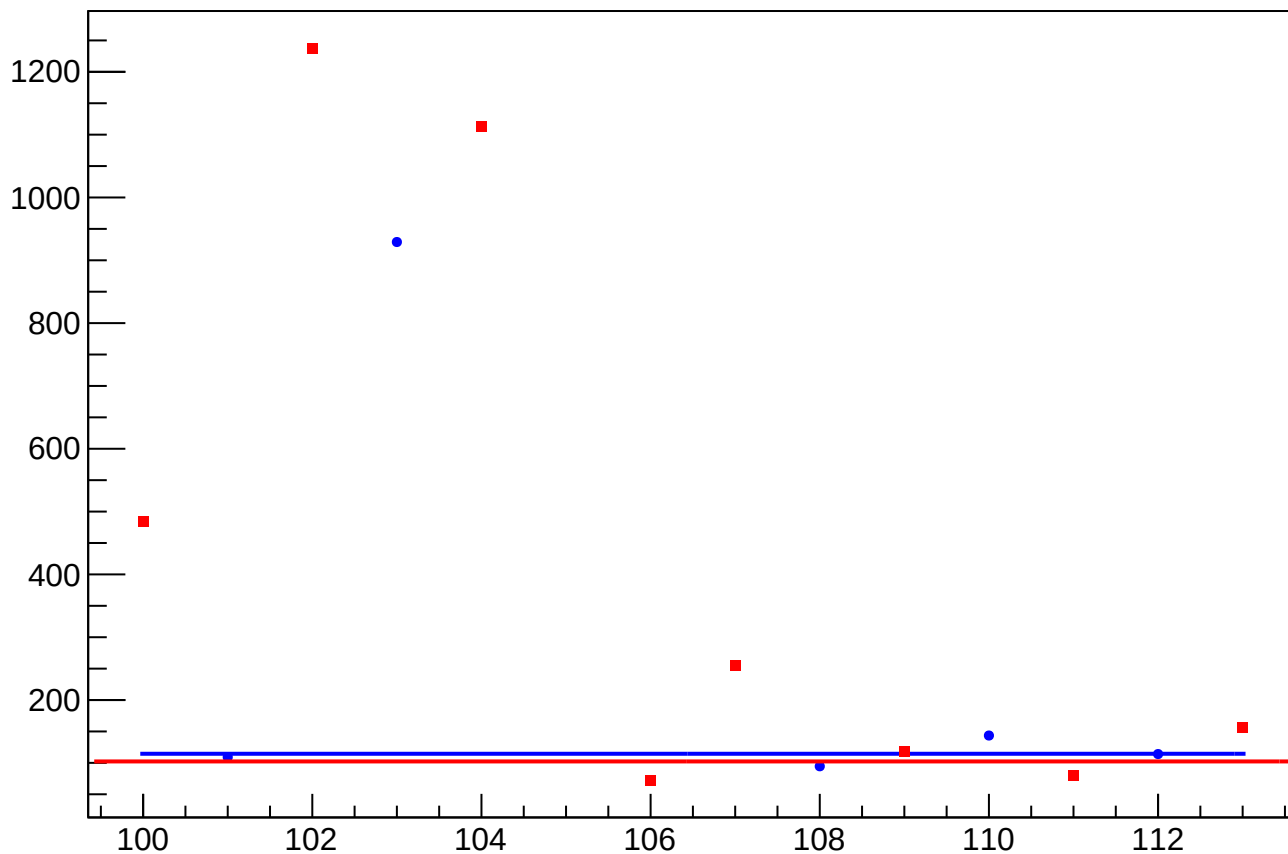
Right: -0.099+/-0.060 χ^2/NDF : 15.9/12

In: -0.067+/-0.089 χ^2/NDF :10.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.099+/-0.060 χ^2/NDF : 15.9/12

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: 102.271+/-0.057 χ^2/NDF : 2046583.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

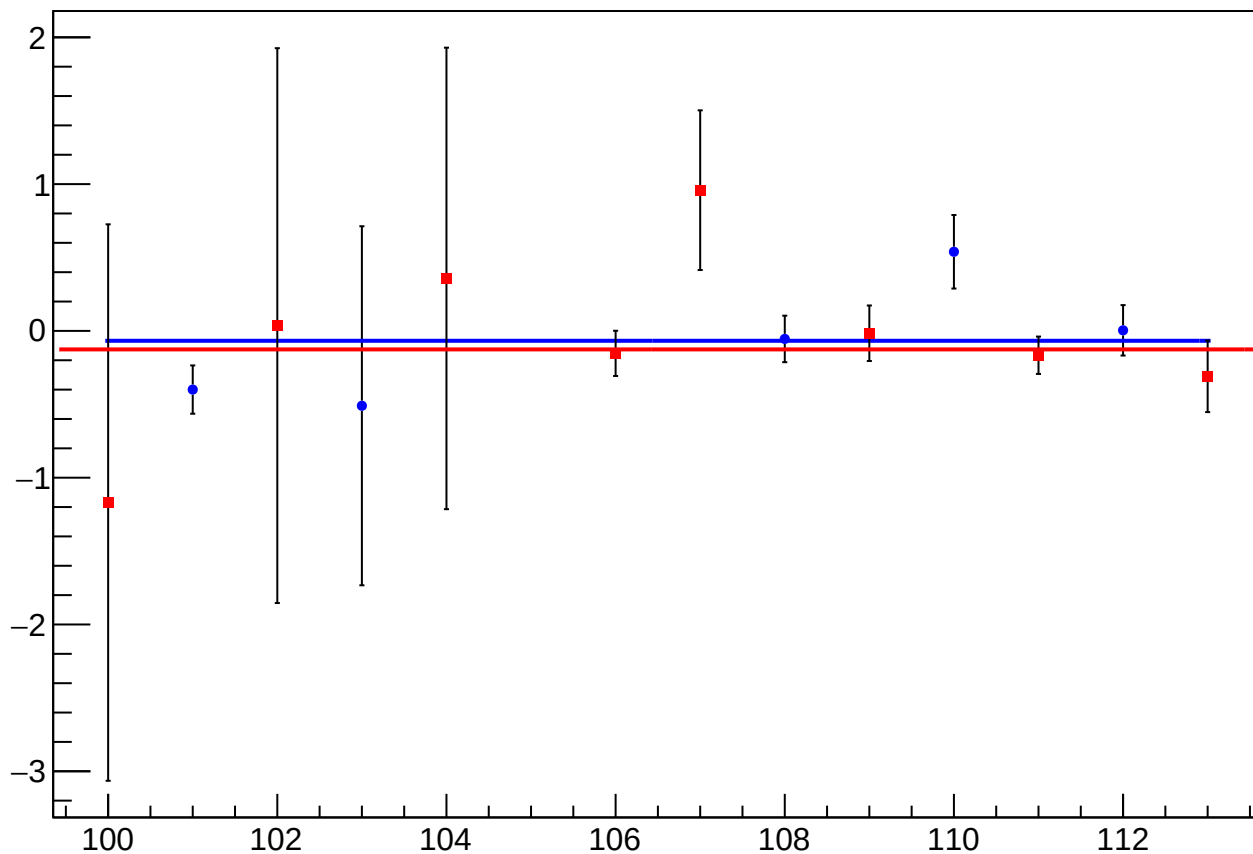
Right: 107.815+/-0.042 χ^2/NDF : 3015240.1/12

In: 114.481+/-0.063 χ^2/NDF : 947929.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.815+/-0.042 χ^2/NDF : 3015240.1/12

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: -0.126+/-0.081 χ^2/NDF : 5.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

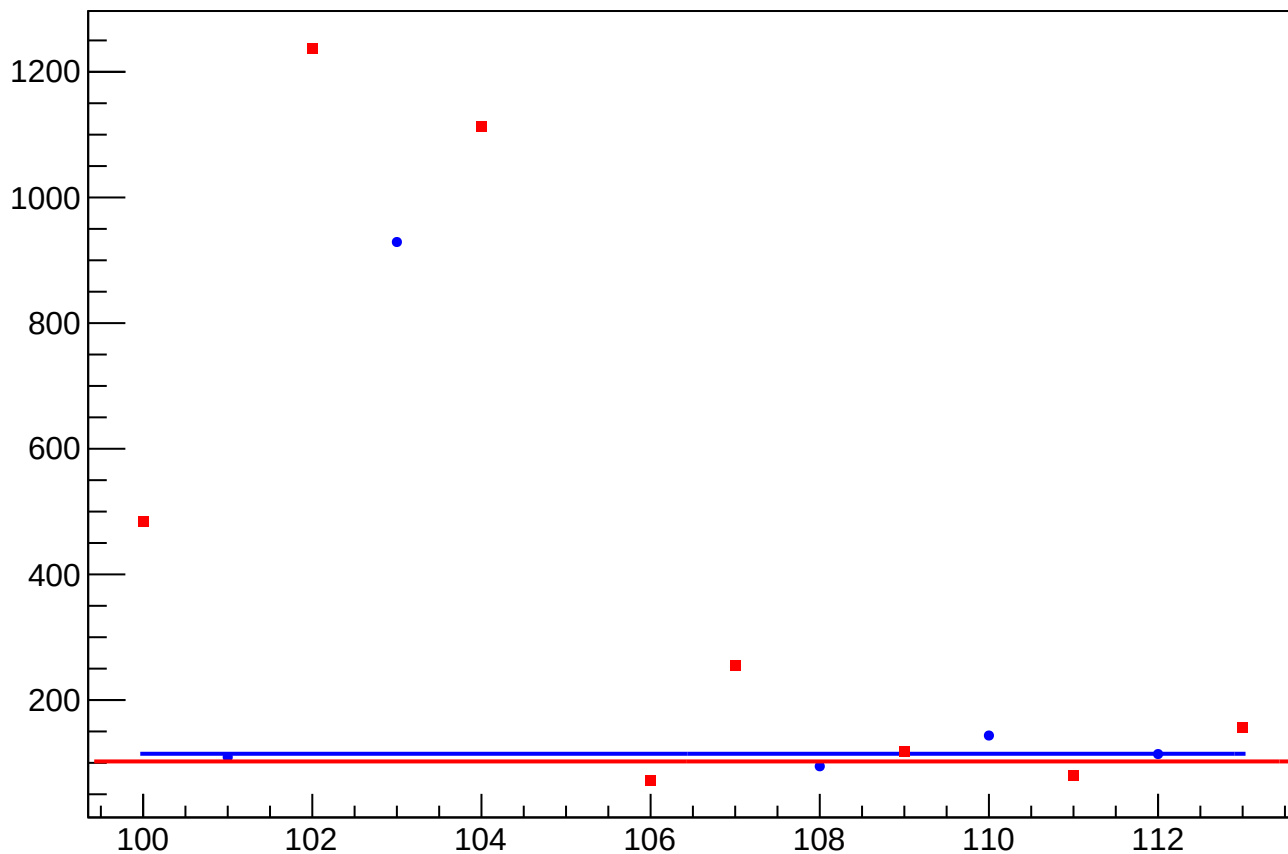
Right: -0.099+/-0.060 χ^2/NDF : 15.9/12

In: -0.067+/-0.089 χ^2/NDF :10.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.099+/-0.060 χ^2/NDF : 15.9/12

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: 102.271+/-0.057 χ^2/NDF : 2046583.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

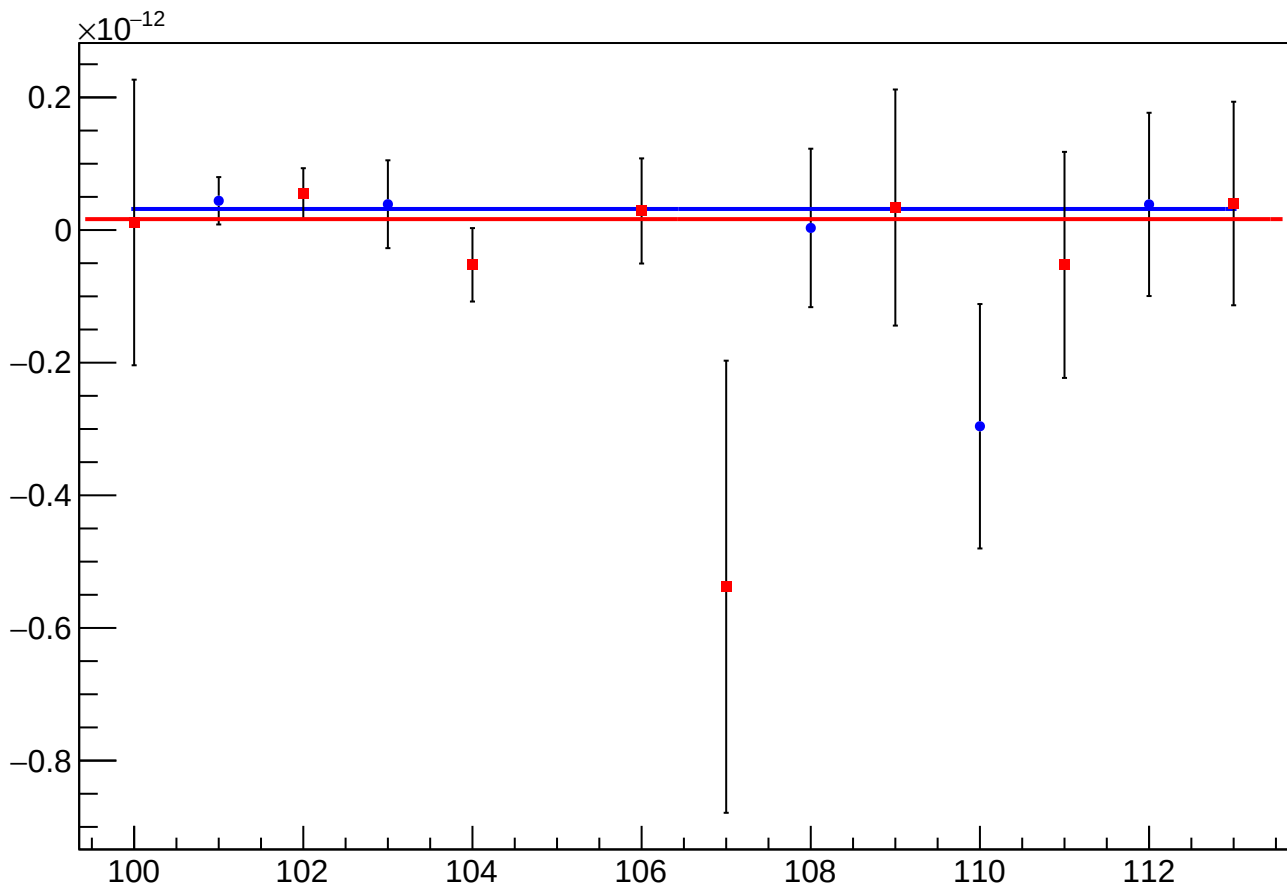
Right: 107.815+/-0.042 χ^2/NDF : 3015240.1/12

In: 114.481+/-0.063 χ^2/NDF : 947929.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.815+/-0.042 χ^2/NDF : 3015240.1/12

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 : 5.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

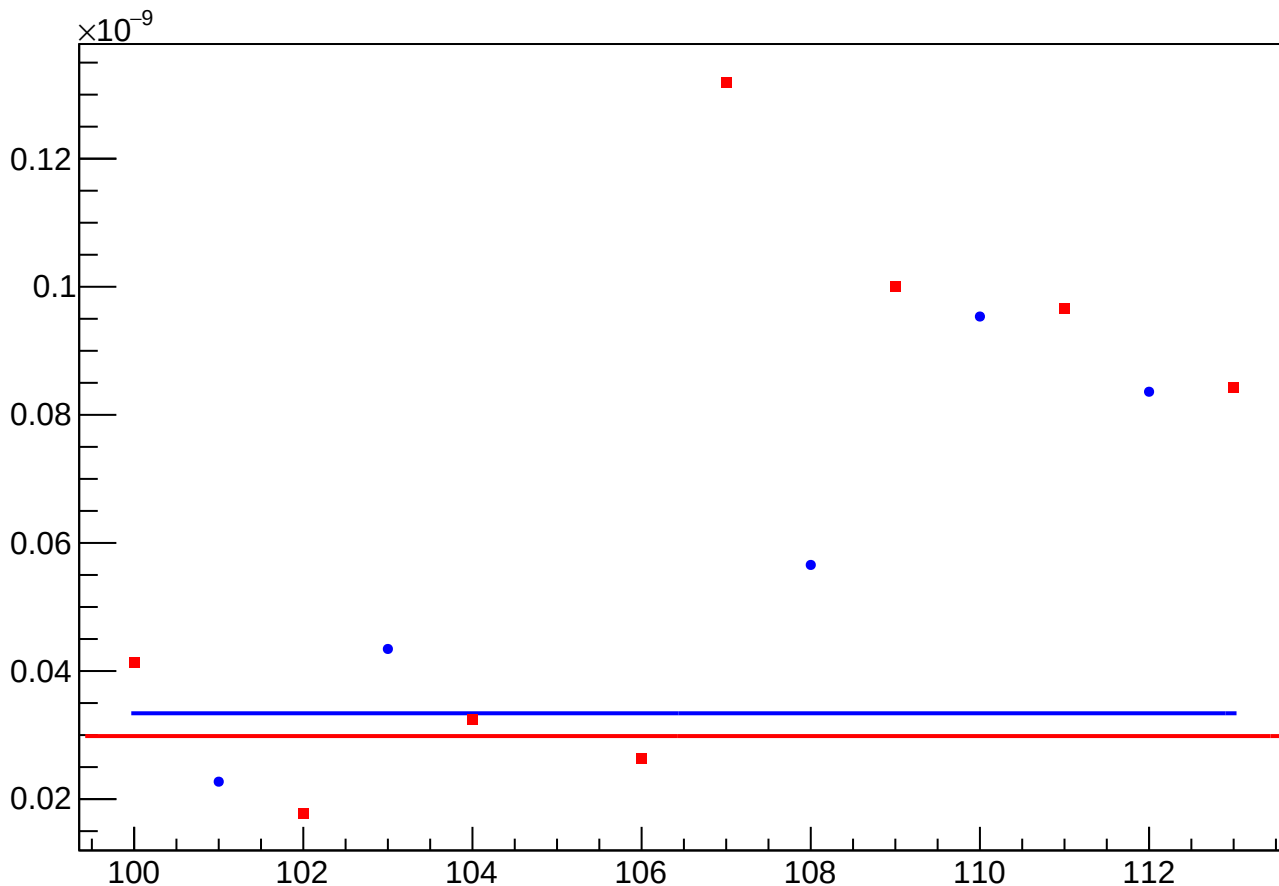
Right: 0.000+/-0.000 χ^2/NDF : 8.9/12

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 : 8.9/12

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 : 1261791.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

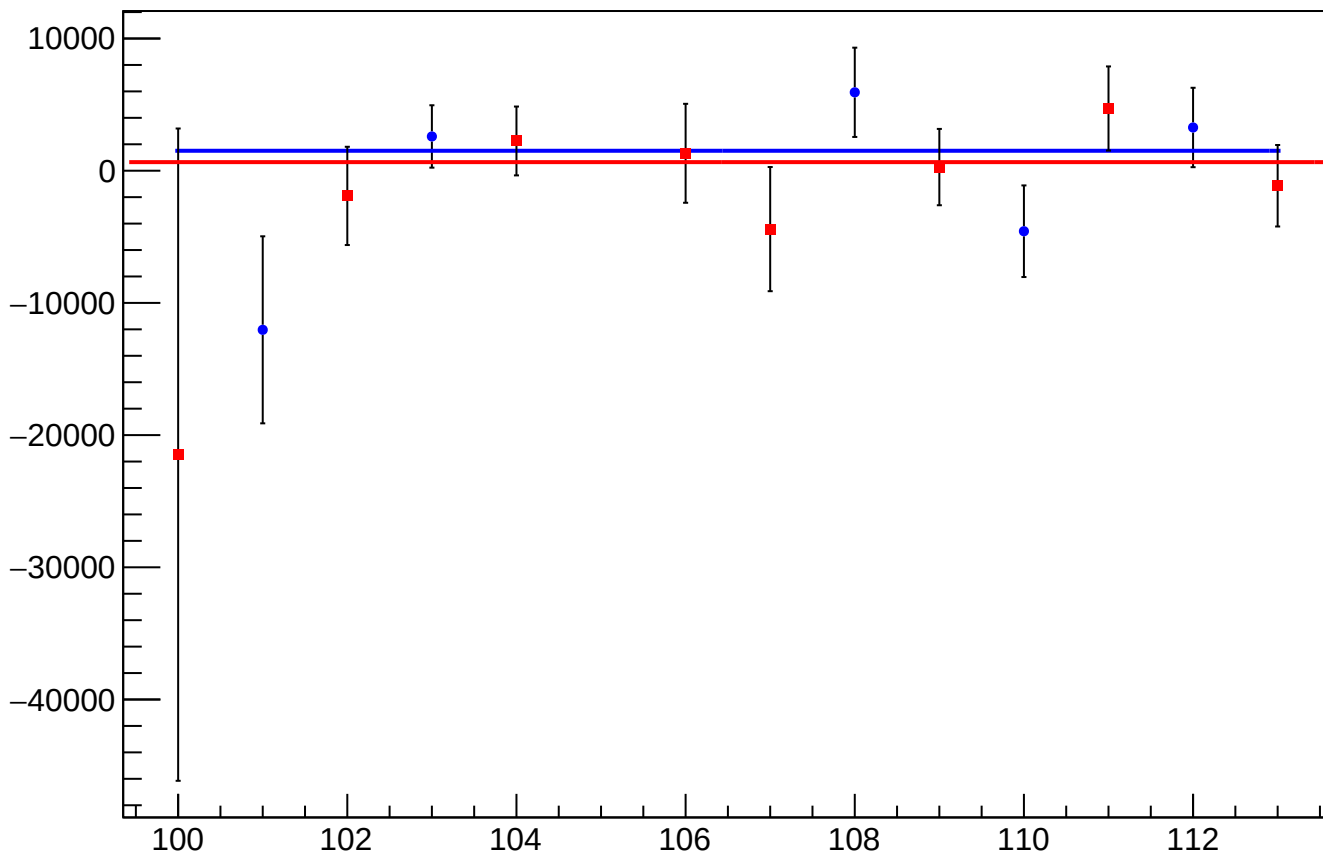
Right: 0.000+/-0.000 χ^2/NDF : 2067441.1/12

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 : 2067441.1/12

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: 649.701+/-1228.884 χ^2/NDF : 4.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

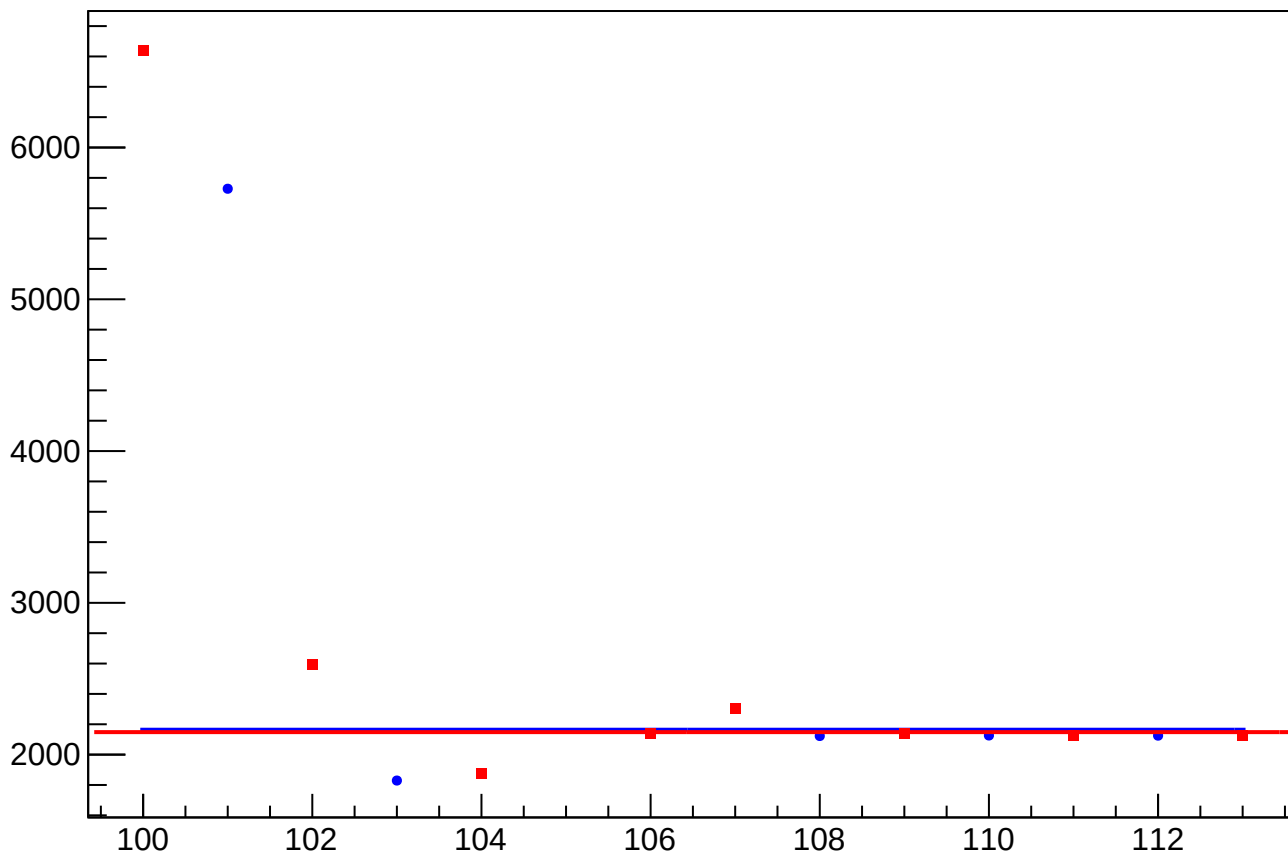
Right: 1011.363+/-935.104 χ^2/NDF : 14.1/12

In: 1508.811+/-1441.227 χ^2/NDF : 9.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1011.363+/-935.104 χ^2/NDF : 14.1/12

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: 2148.229+/-0.869 χ^2/NDF : 120123.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

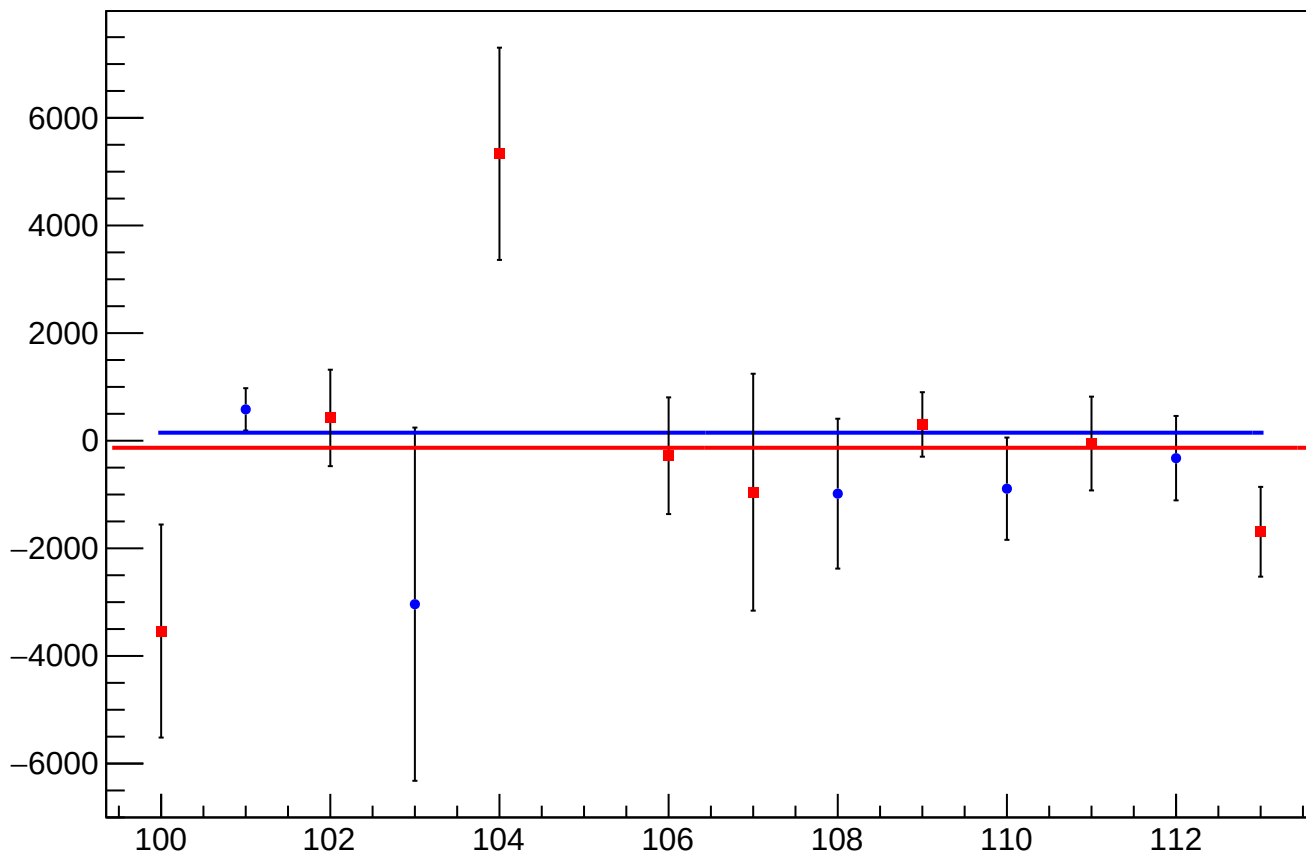
Right: 2154.870+/-0.661 χ^2/NDF : 669155.3/12

In: 2164.005+/-1.019 χ^2/NDF : 548892.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2154.870+/-0.661 χ^2/NDF : 669155.3/12

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: -131.207+/-346.018 χ^2/NDF : 15.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

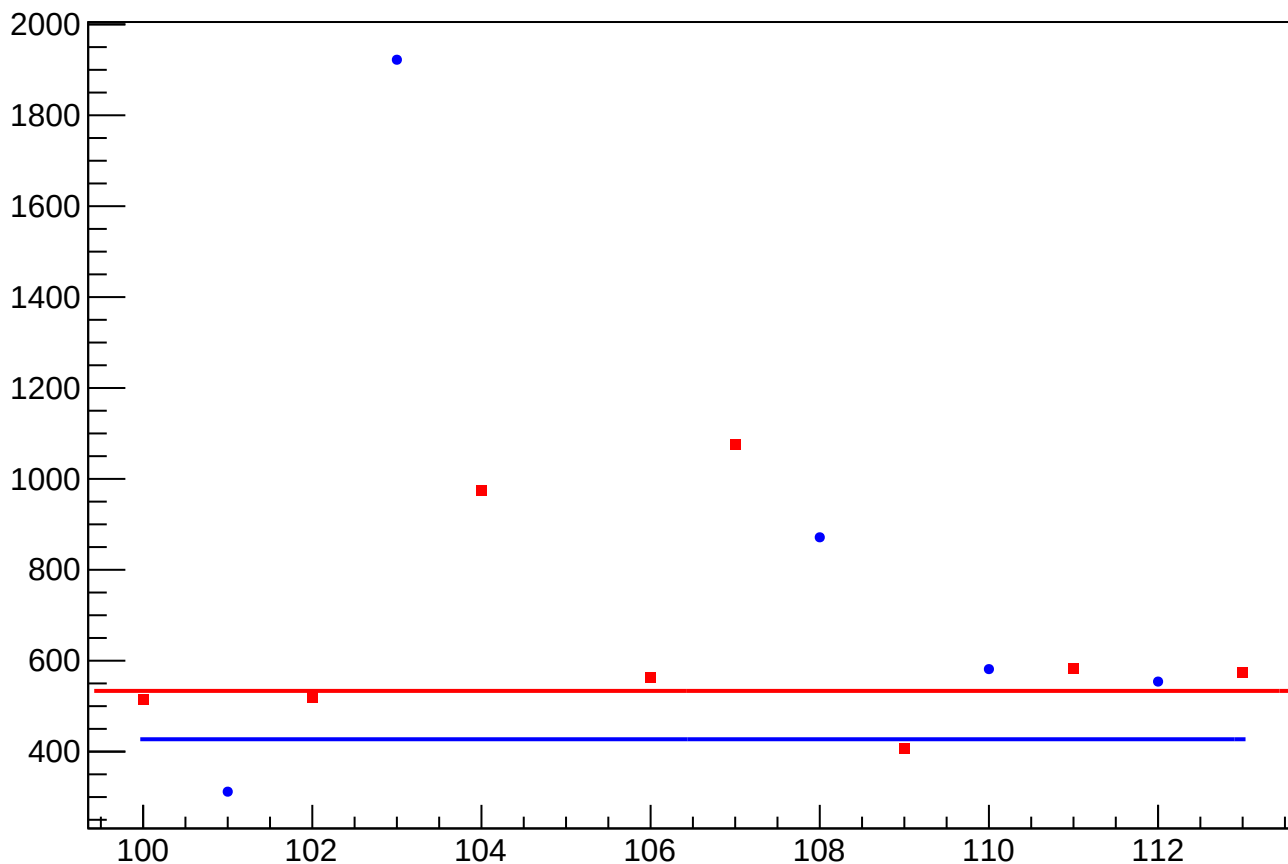
Right: 20.117+/-234.717 χ^2/NDF : 19.9/12

In: 149.095+/-319.450 χ^2/NDF : 4.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.117+/-234.717 χ^2/NDF : 19.9/12

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: 533.565+/-0.245 χ^2/NDF : 323726.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

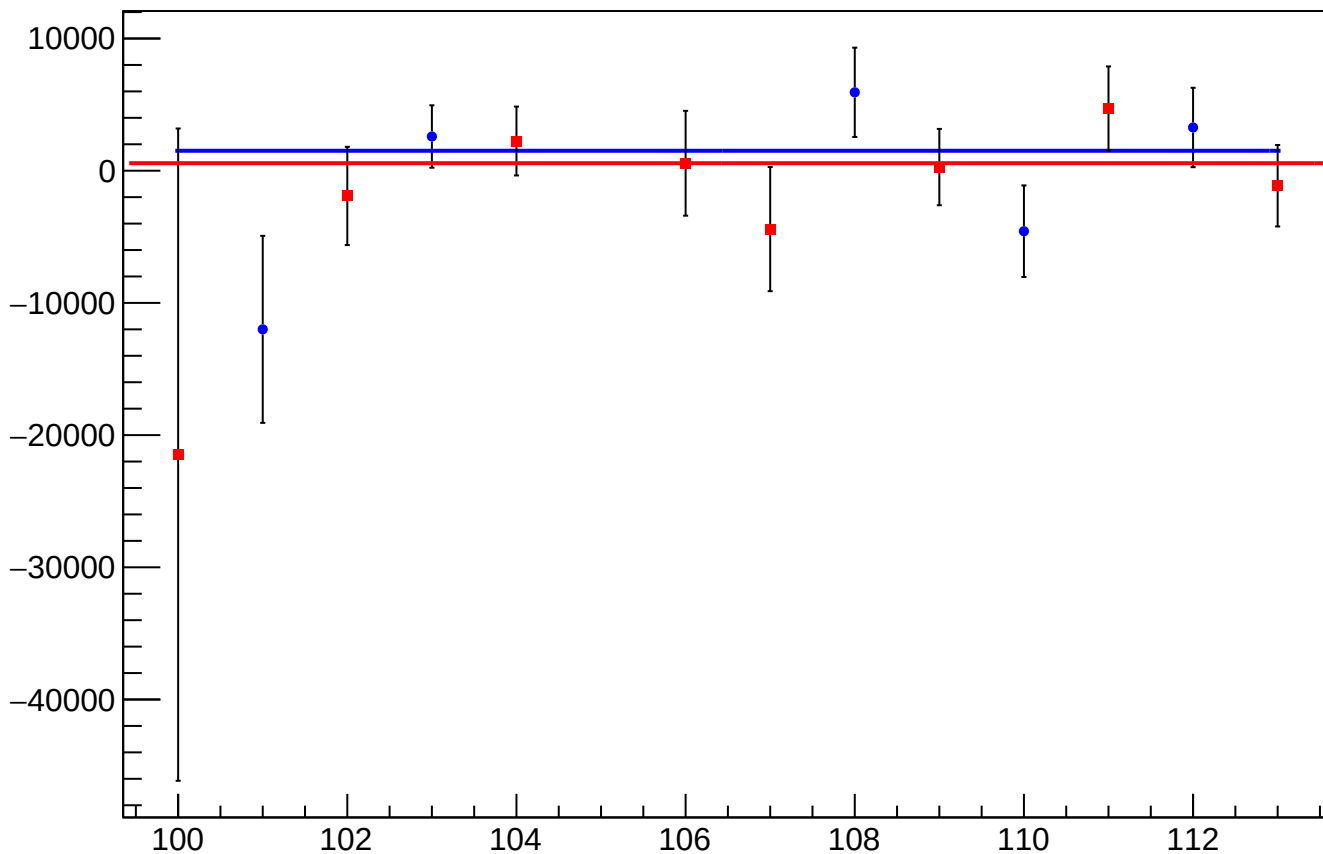
Right: 476.131+/-0.166 χ^2/NDF : 1321253.3/12

In: 427.177+/-0.226 χ^2/NDF : 895456.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 476.131+/-0.166 χ^2/NDF : 1321253.3/12

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: 567.787+/-1236.164 χ^2/NDF : 4.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

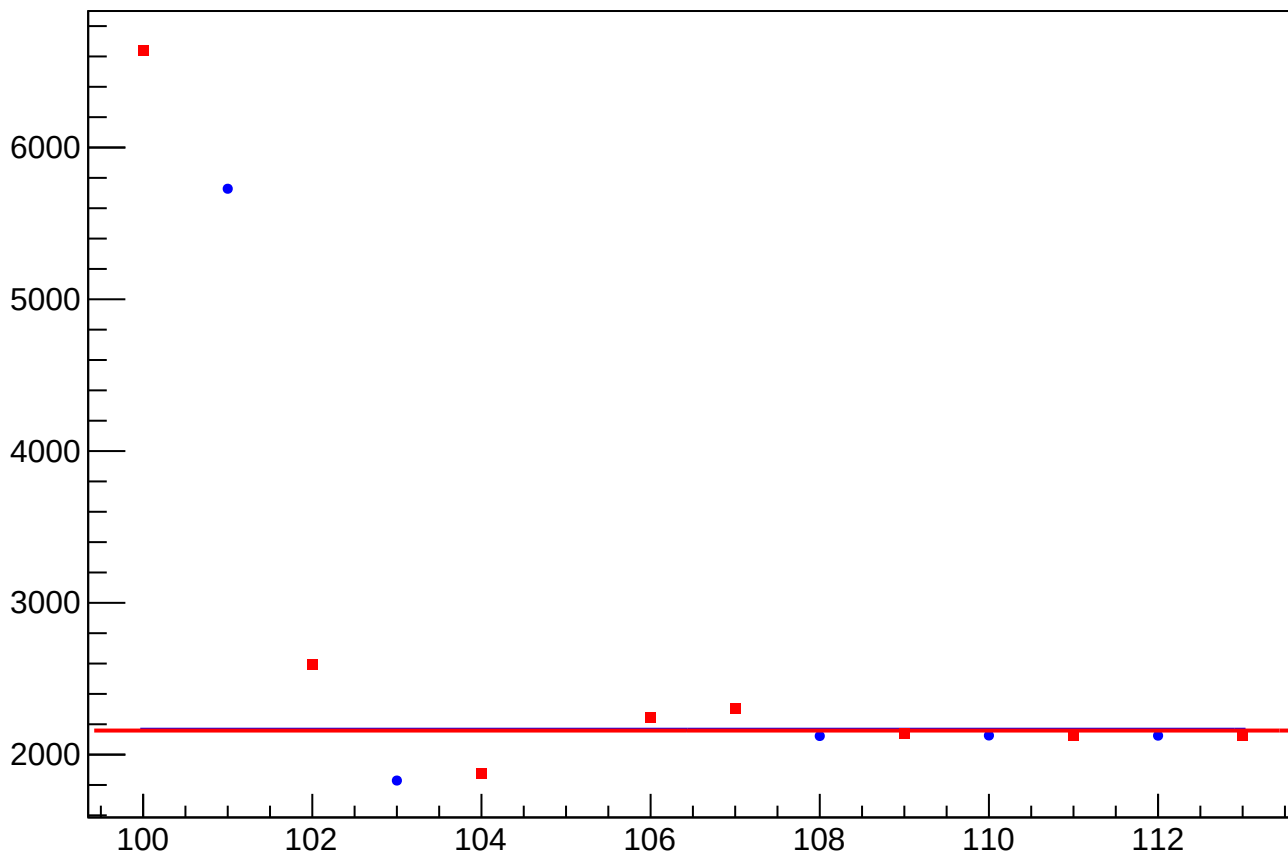
Right: 966.787+/-938.300 χ^2/NDF : 14.0/12

In: 1509.146+/-1441.228 χ^2/NDF : 9.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 966.787+/-938.300 χ^2/NDF : 14.0/12

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: 2158.586+/-0.874 χ^2/NDF : 121072.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

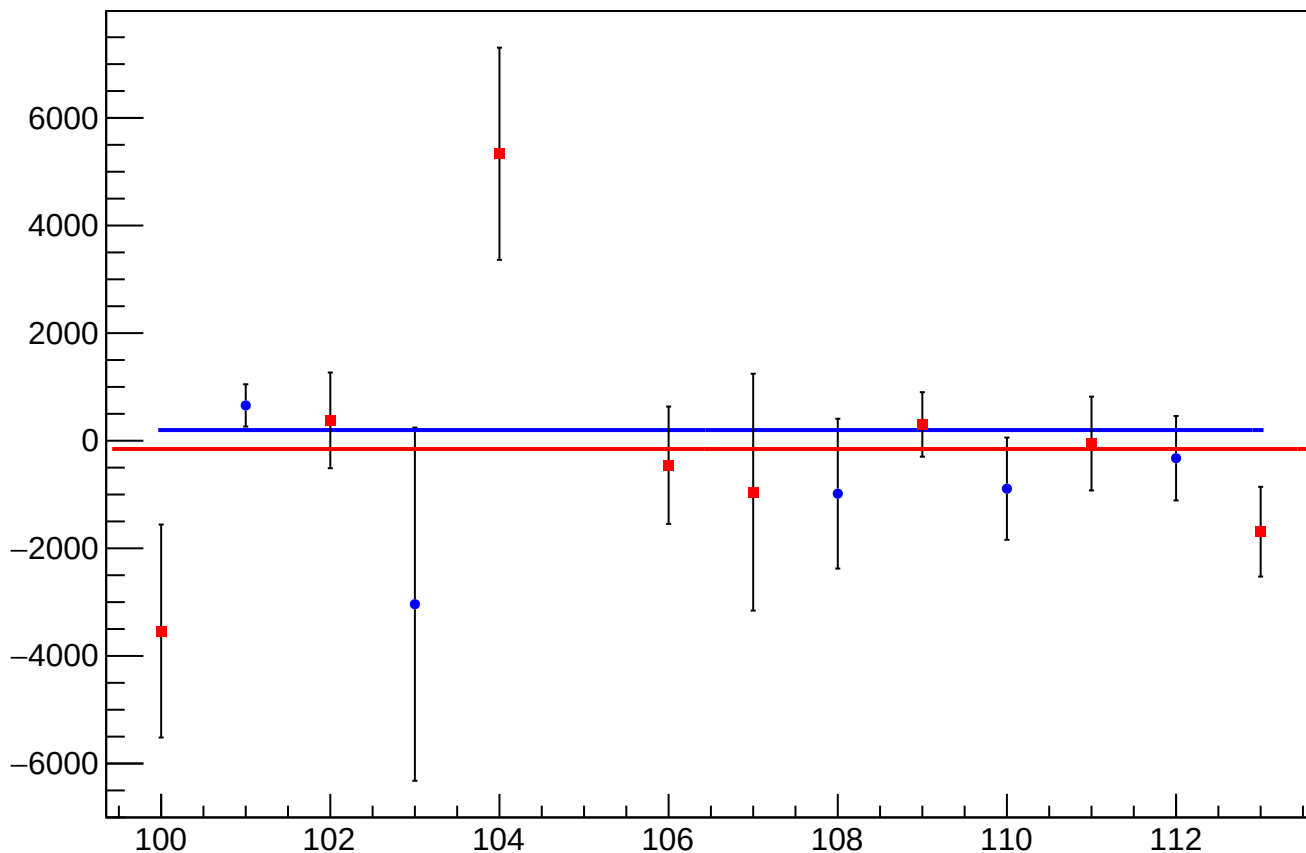
Right: 2160.883+/-0.663 χ^2/NDF : 669981.4/12

In: 2164.005+/-1.019 χ^2/NDF : 548892.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2160.883+/-0.663 χ^2/NDF : 669981.4/12

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: -153.900+/-345.844 χ^2/NDF : 15.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

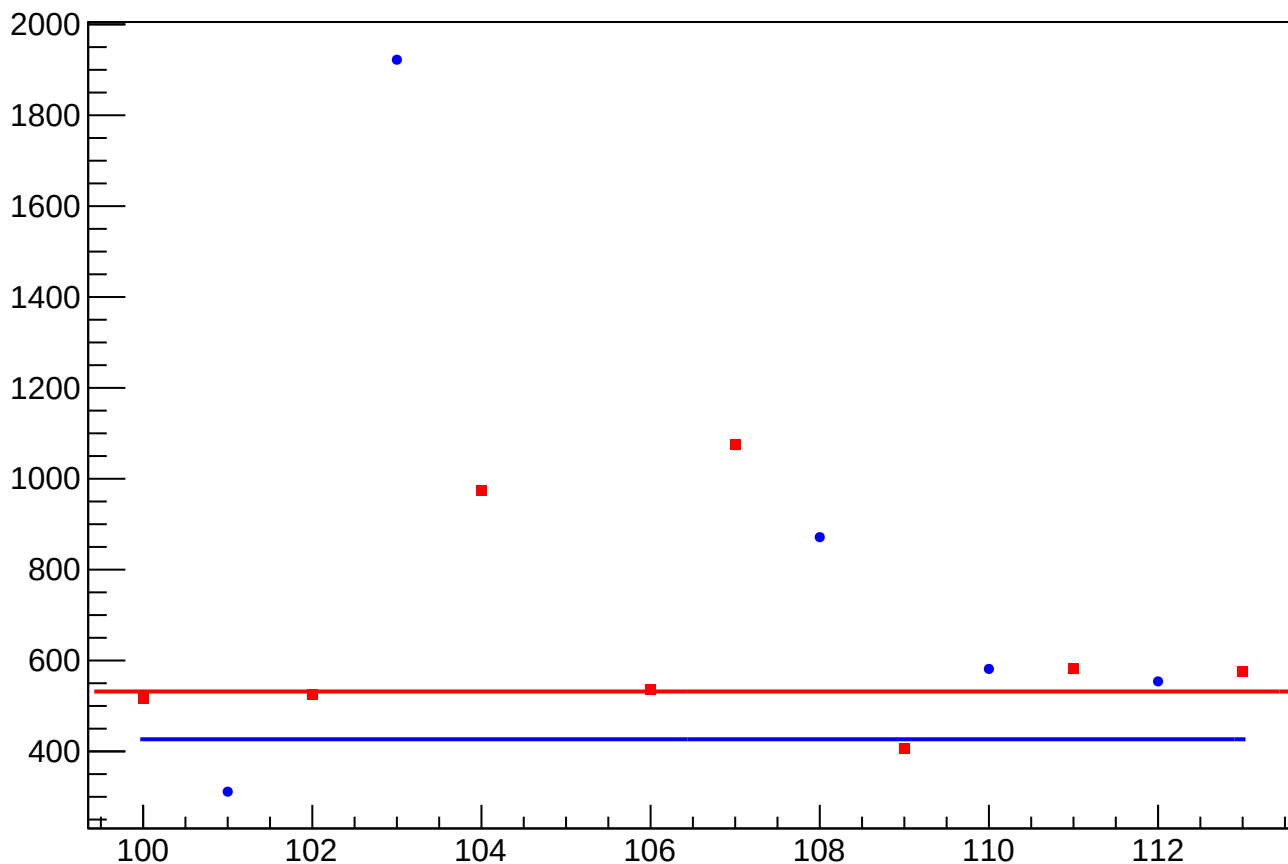
Right: 36.224+/-234.570 χ^2/NDF : 20.6/12

In: 198.198+/-319.217 χ^2/NDF : 4.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.224+/-234.570 χ^2/NDF : 20.6/12

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: 531.805+/-0.245 χ^2/NDF : 321696.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

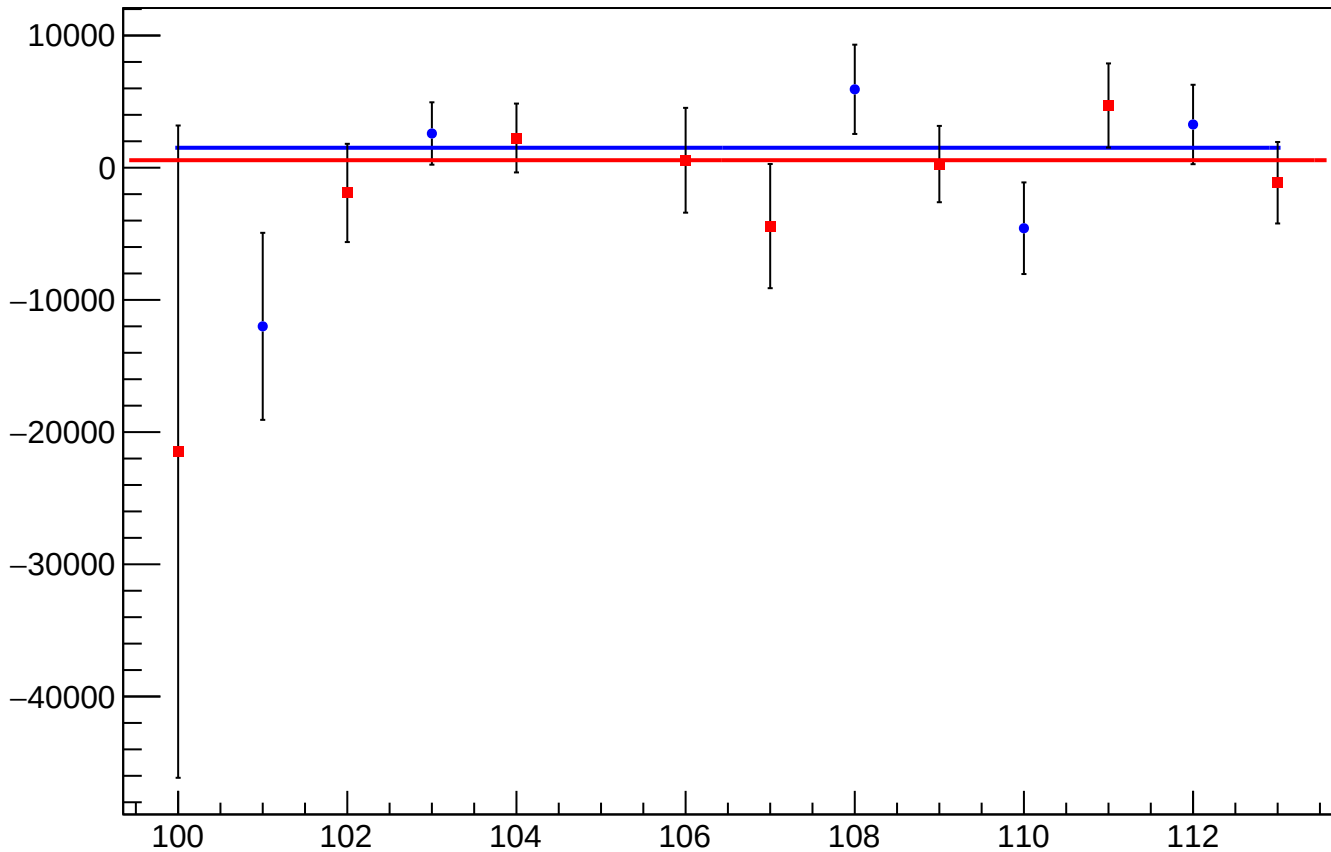
Right: 475.039+/-0.166 χ^2/NDF : 1318758.3/12

In: 426.678+/-0.226 χ^2/NDF : 897276.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 475.039+/-0.166 χ^2/NDF : 1318758.3/12

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: 567.787+/-1236.164 χ^2 /NDF: 4.8/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

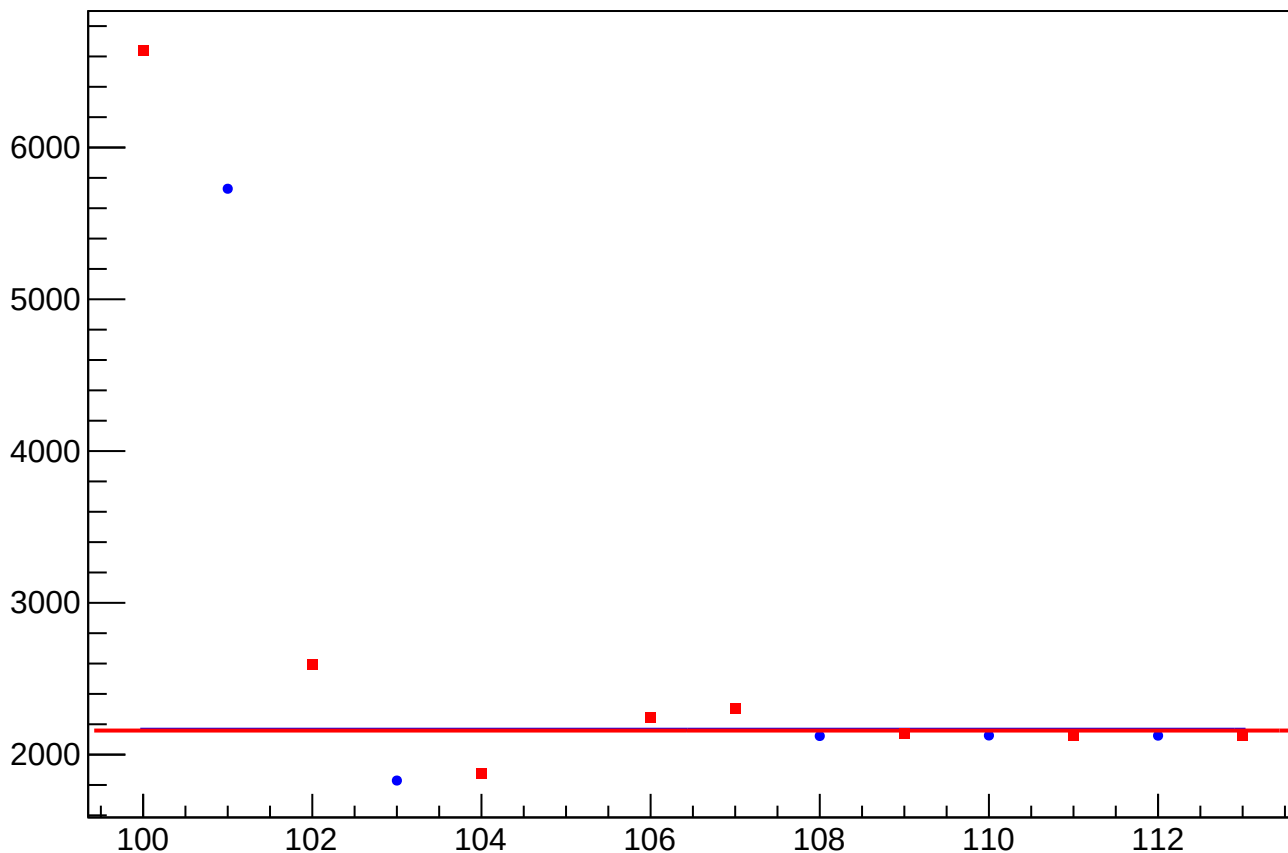
Right: 966.787+/-938.300 χ^2 /NDF: 14.0/12

In: 1509.146+/-1441.228 χ^2 /NDF:9.0/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 966.787+/-938.300 χ^2 /NDF: 14.0/12

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: 2158.586+/-0.874 χ^2/NDF : 121072.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

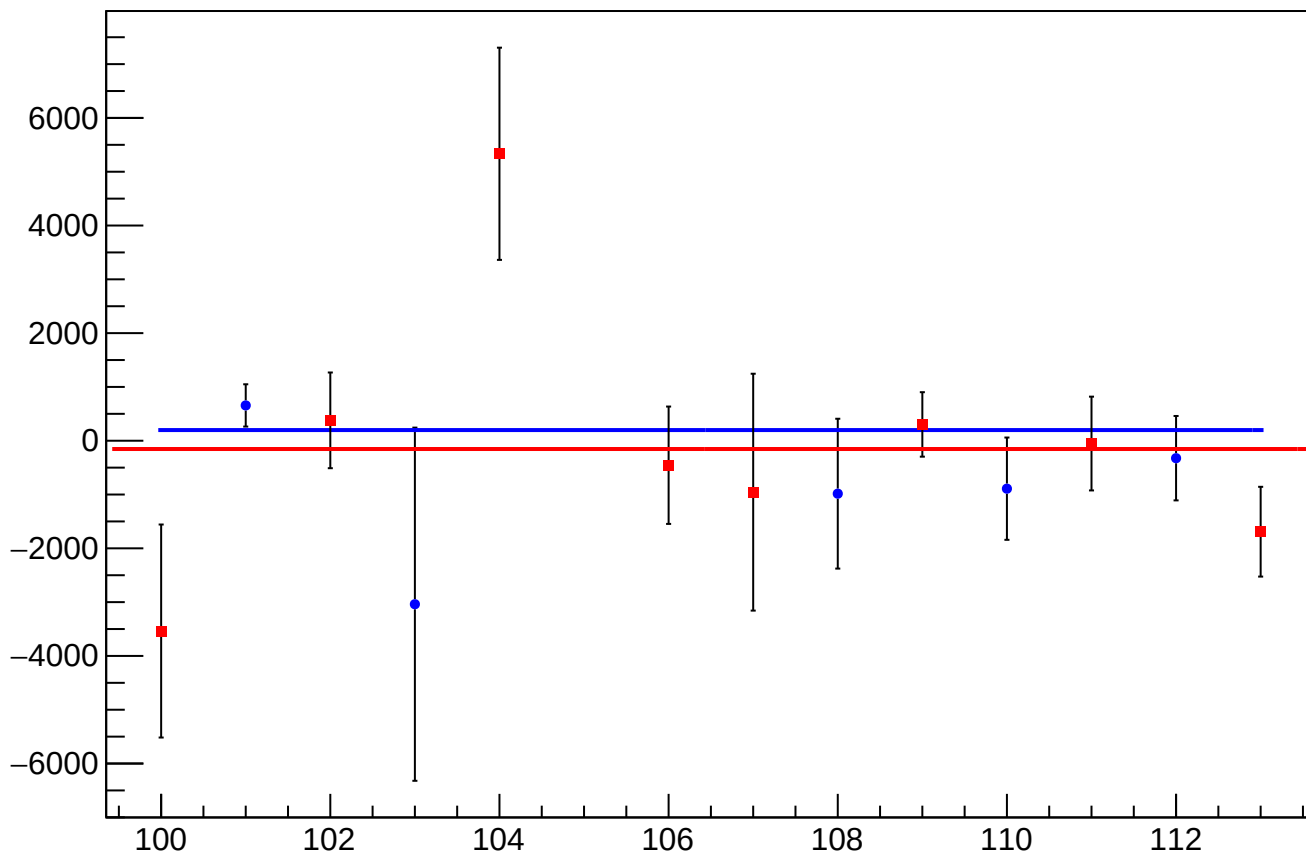
Right: 2160.883+/-0.663 χ^2/NDF : 669981.4/12

In: 2164.005+/-1.019 χ^2/NDF : 548892.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2160.883+/-0.663 χ^2/NDF : 669981.4/12

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: -153.900+/-345.844 χ^2/NDF : 15.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

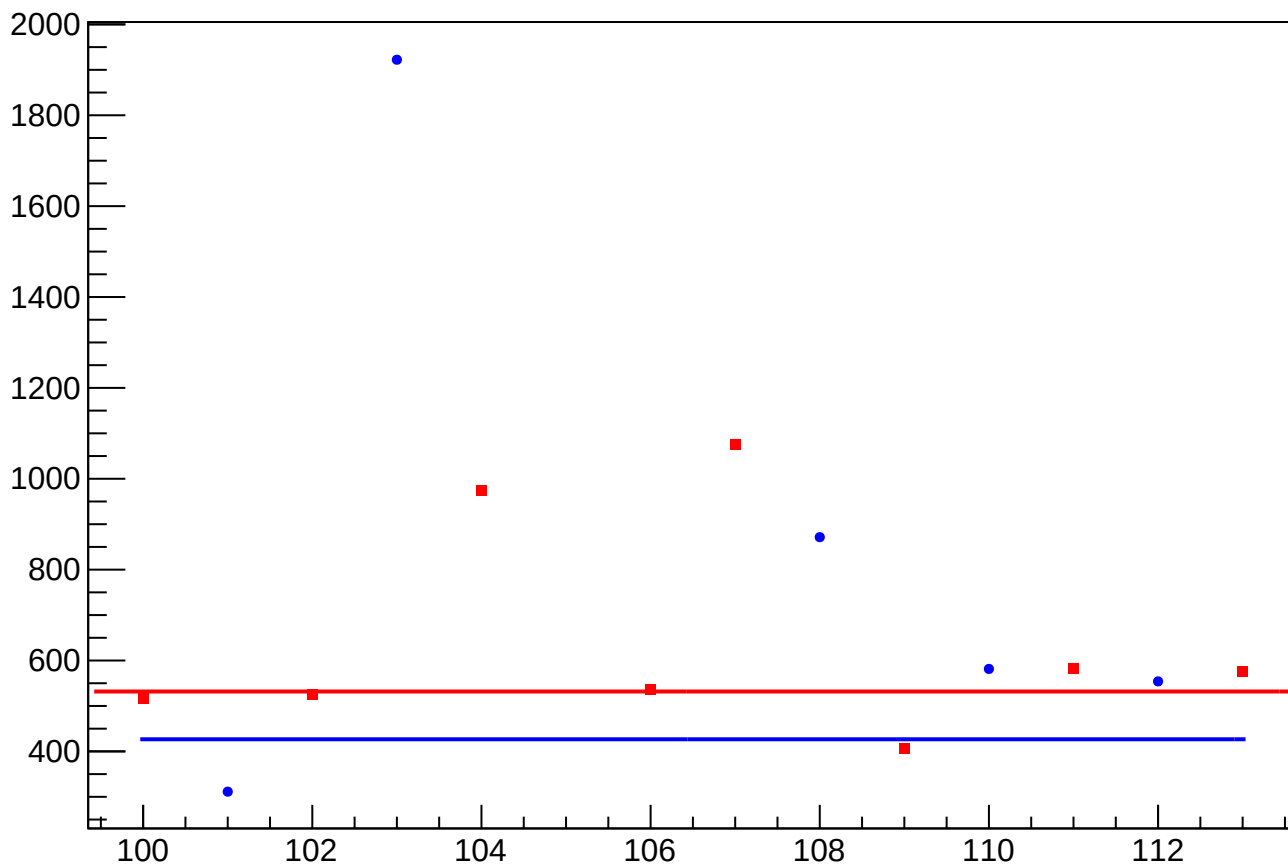
Right: 36.224+/-234.570 χ^2/NDF : 20.6/12

In: 198.198+/-319.217 χ^2/NDF : 4.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.224+/-234.570 χ^2/NDF : 20.6/12

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: 531.805+/-0.245 χ^2/NDF : 321696.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

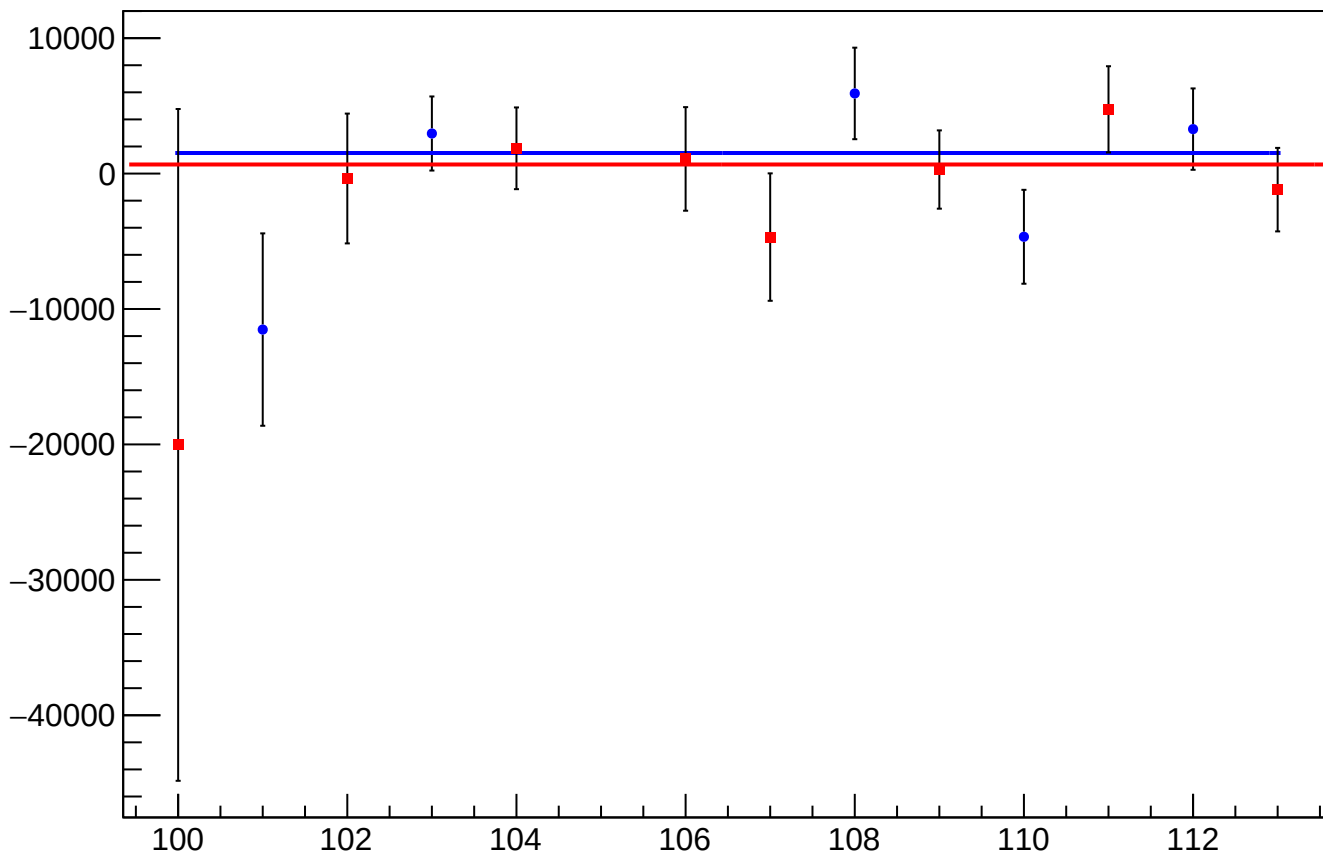
Right: 475.039+/-0.166 χ^2/NDF : 1318758.3/12

In: 426.678+/-0.226 χ^2/NDF : 897276.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 475.039+/-0.166 χ^2/NDF : 1318758.3/12

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: 671.112+/-1299.697 χ^2/NDF : 4.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

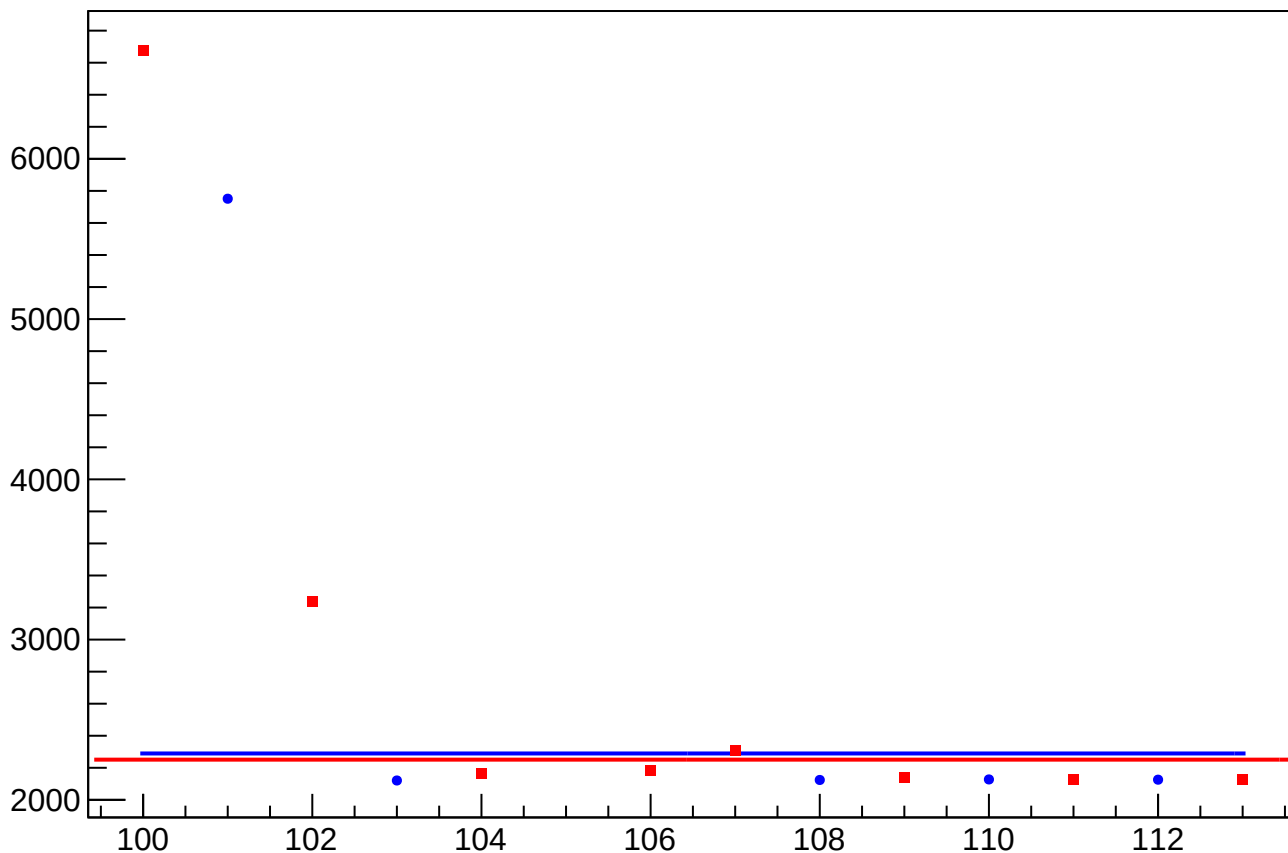
Right: 1030.401+/-986.759 χ^2/NDF : 13.3/12

In: 1519.329+/-1516.153 χ^2/NDF : 8.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1030.401+/-986.759 χ^2/NDF : 13.3/12

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: 2250.880+/-0.919 χ^2/NDF : 160227.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

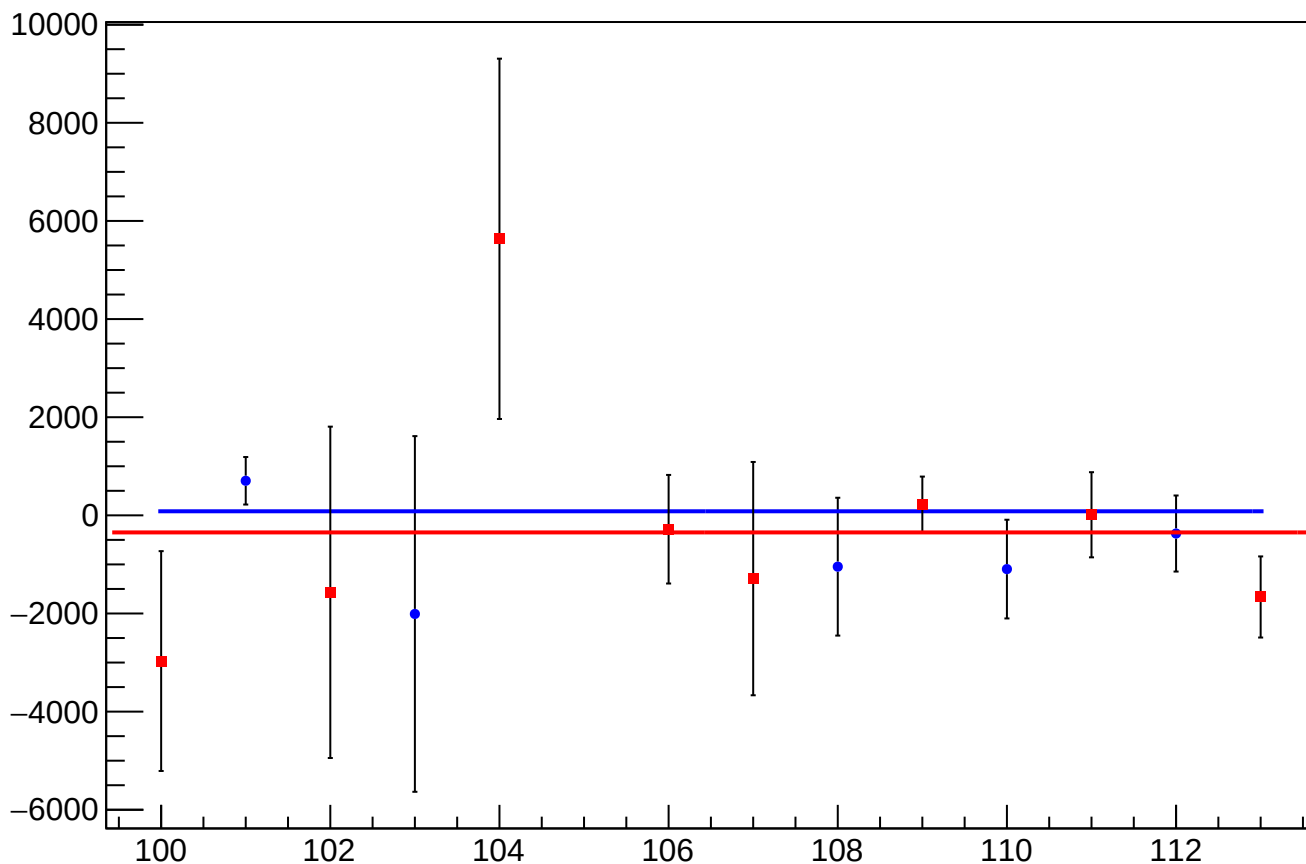
Right: 2267.200+/-0.698 χ^2/NDF : 658695.2/12

In: 2289.409+/-1.072 χ^2/NDF : 497723.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2267.200+/-0.698 χ^2/NDF : 658695.2/12

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: -347.886+/-372.050 χ^2/NDF : 8.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

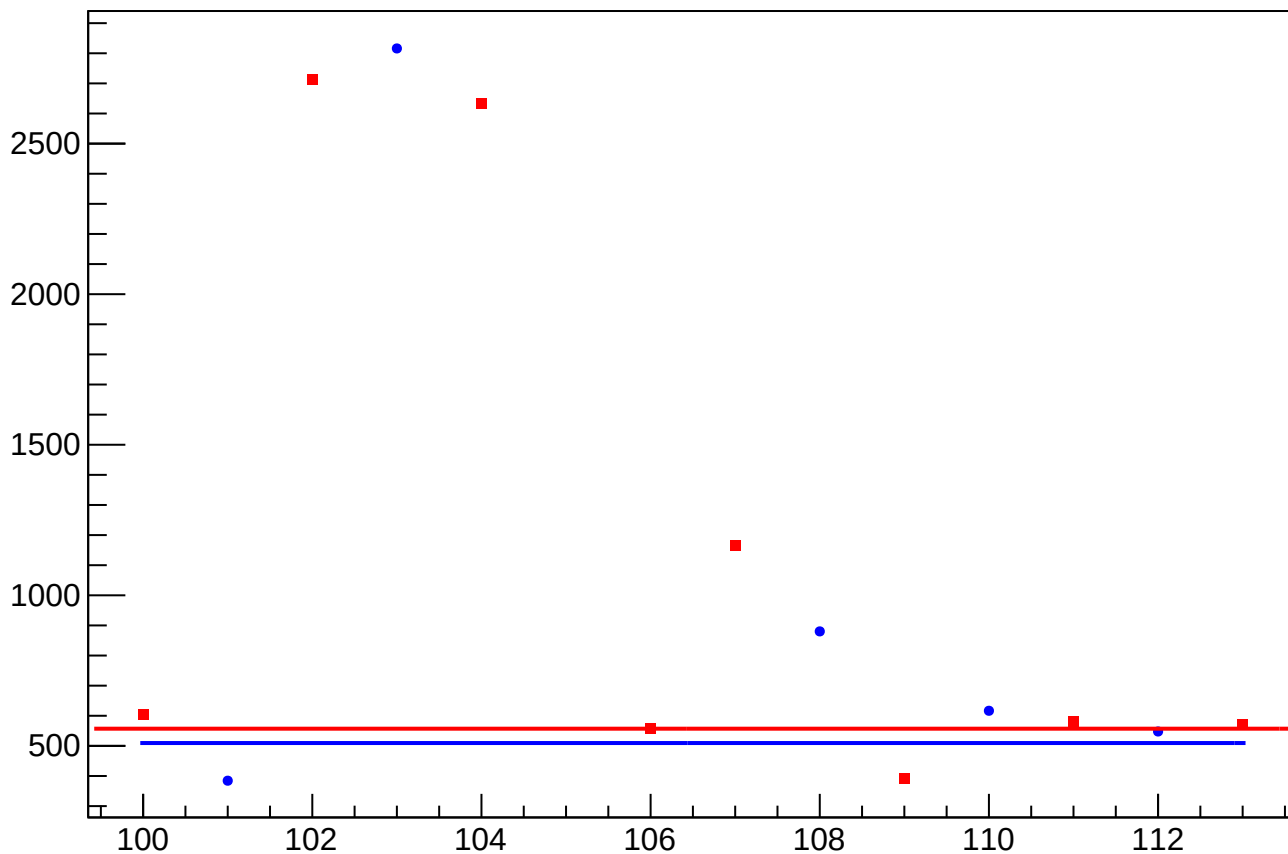
Right: -128.453+/-260.600 χ^2/NDF : 13.0/12

In: 82.900+/-365.135 χ^2/NDF : 4.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -128.453+/-260.600 χ^2/NDF : 13.0/12

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: 557.076+/-0.263 χ^2/NDF : 1757980.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

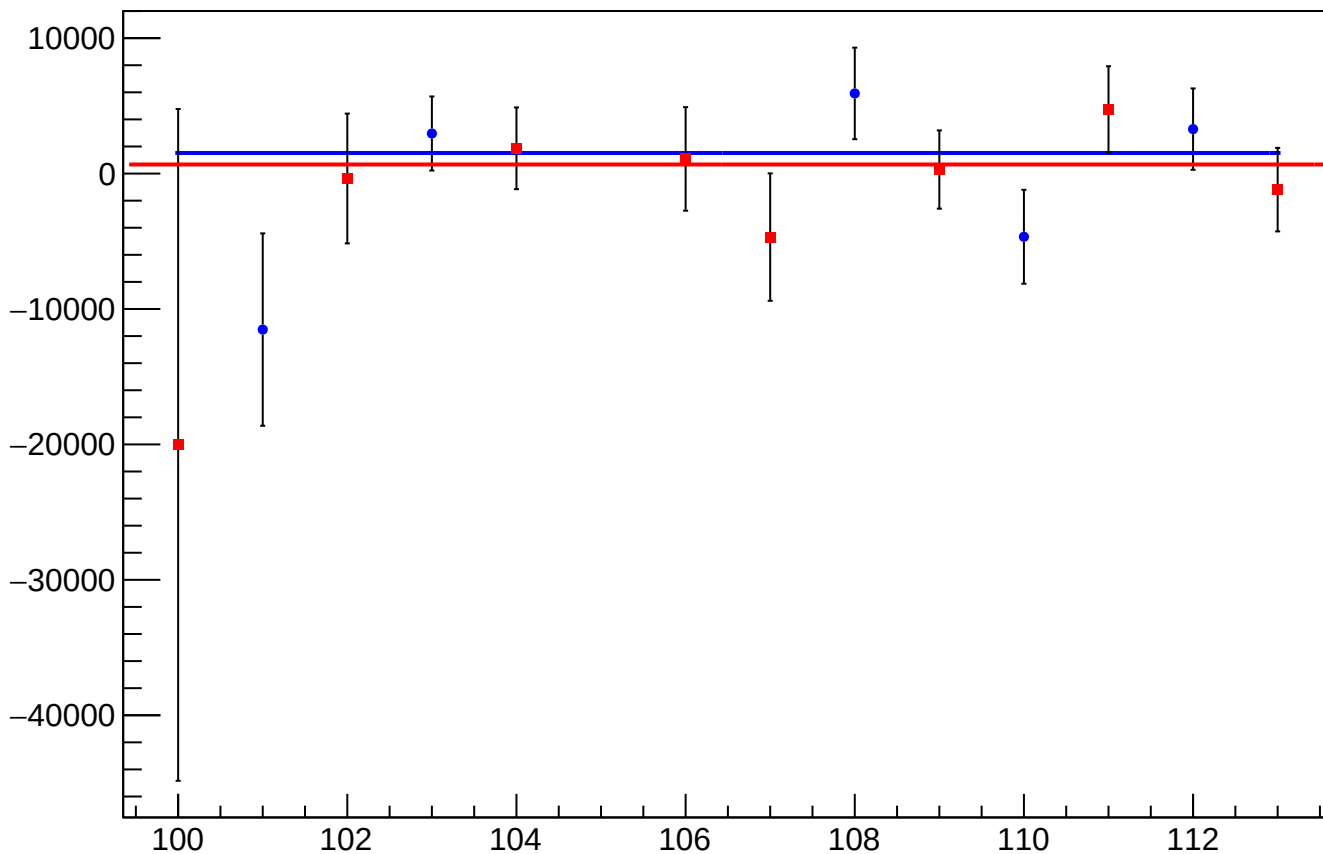
Right: 532.813+/-0.184 χ^2/NDF : 2885116.8/12

In: 509.444+/-0.258 χ^2/NDF : 1110438.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 532.813+/-0.184 χ^2/NDF : 2885116.8/12

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: 671.117+/-1299.697 χ^2 /NDF: 4.2/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

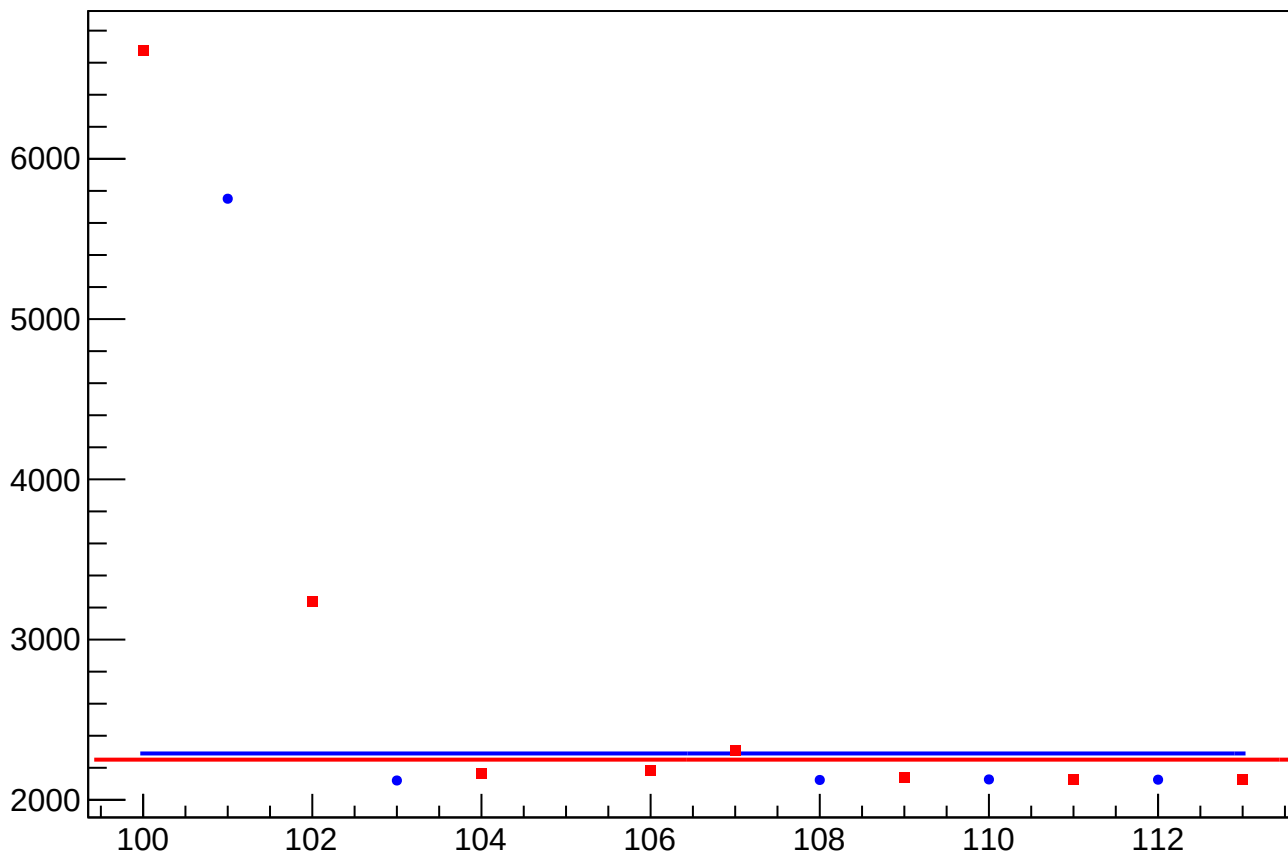
Right: 1030.405+/-986.759 χ^2 /NDF: 13.3/12

In: 1519.333+/-1516.153 χ^2 /NDF:8.9/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1030.405+/-986.759 χ^2 /NDF: 13.3/12

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: 2250.880+/-0.919 χ^2/NDF : 160226.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

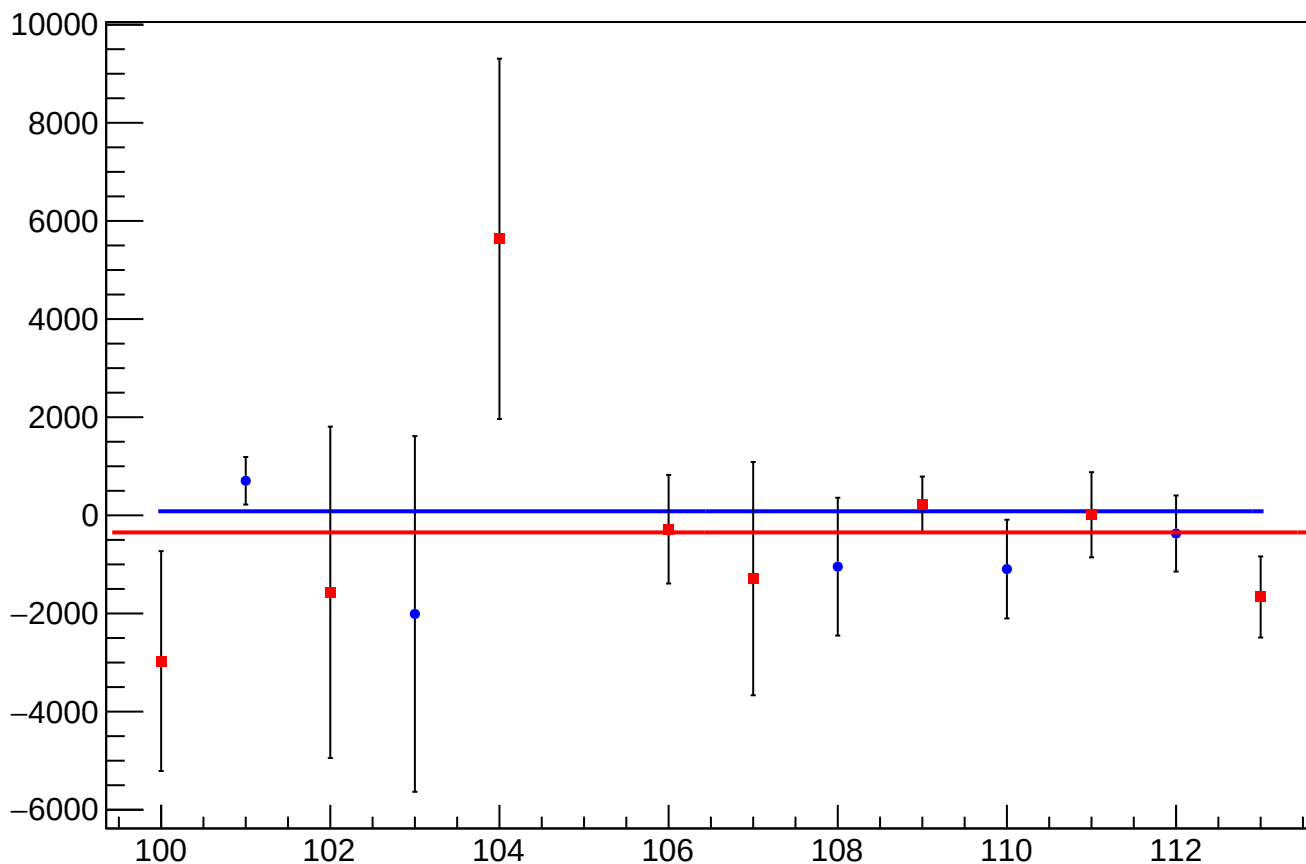
Right: 2267.200+/-0.698 χ^2/NDF : 658695.0/12

In: 2289.408+/-1.072 χ^2/NDF : 497723.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2267.200+/-0.698 χ^2/NDF : 658695.0/12

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: -347.883+/-372.047 χ^2/NDF : 8.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

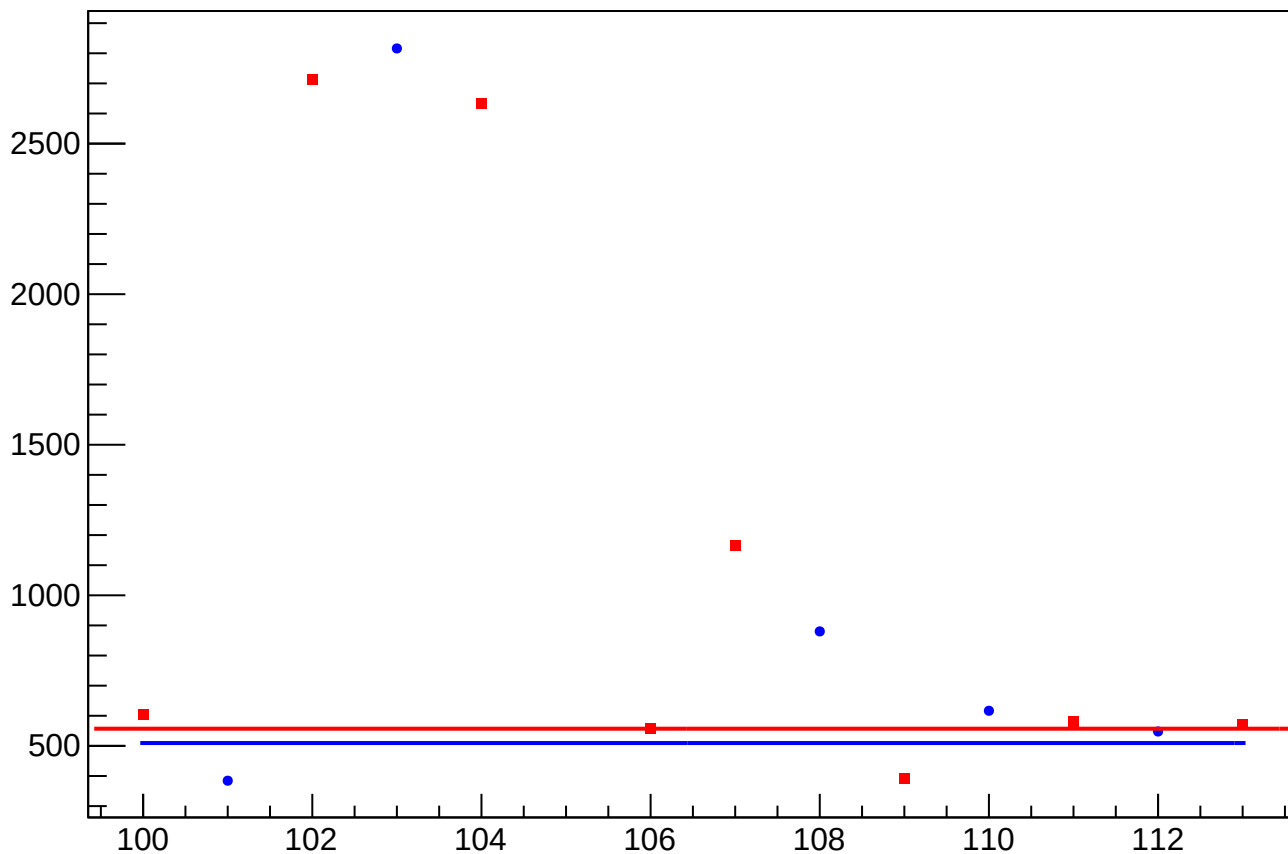
Right: -128.453+/-260.599 χ^2/NDF : 13.0/12

In: 82.898+/-365.134 χ^2/NDF : 4.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -128.453+/-260.599 χ^2/NDF : 13.0/12

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: 557.072+/-0.263 χ^2/NDF : 1757995.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

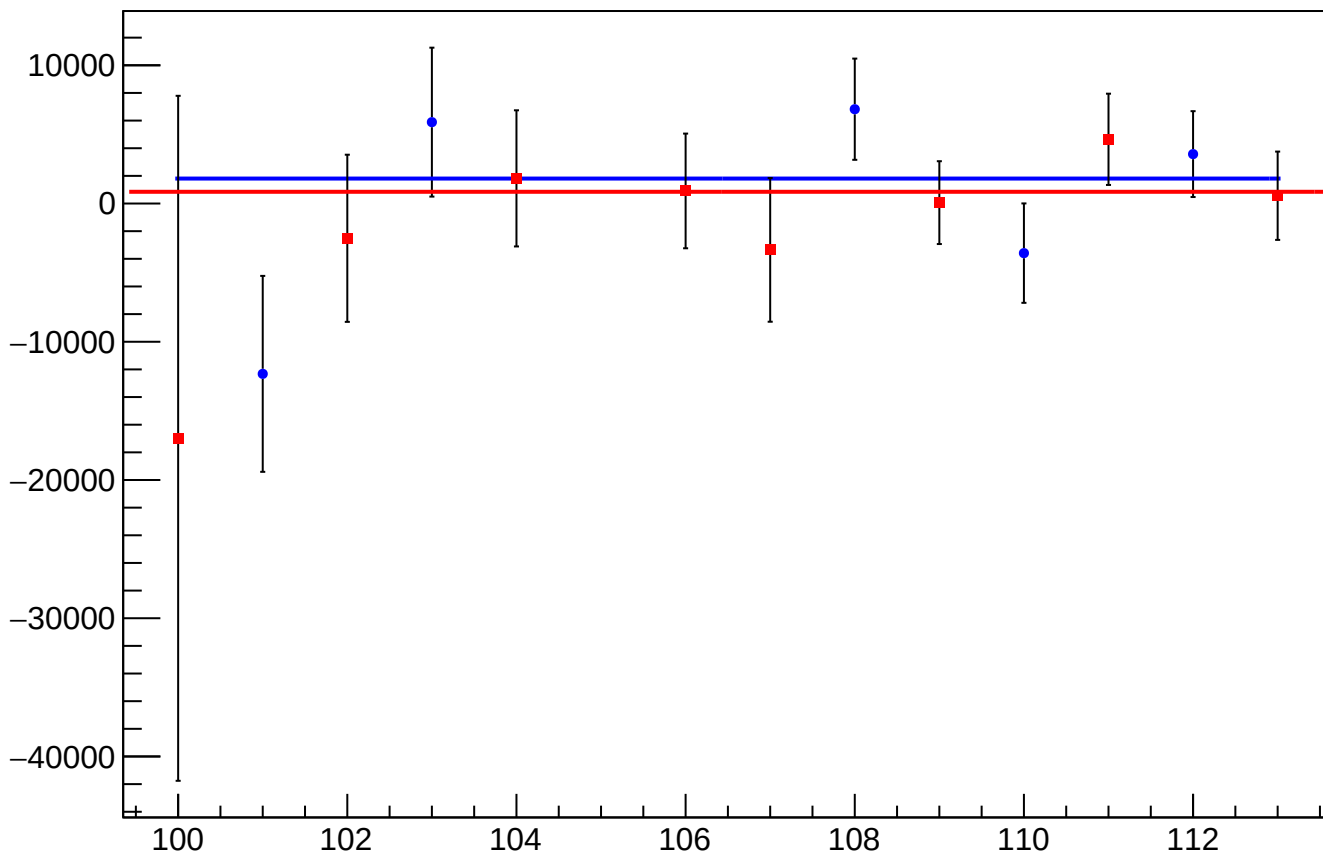
Right: 532.811+/-0.184 χ^2/NDF : 2885125.1/12

In: 509.443+/-0.258 χ^2/NDF : 1110434.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 532.811+/-0.184 χ^2/NDF : 2885125.1/12

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: 849.131+/-1464.043 χ^2/NDF : 2.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

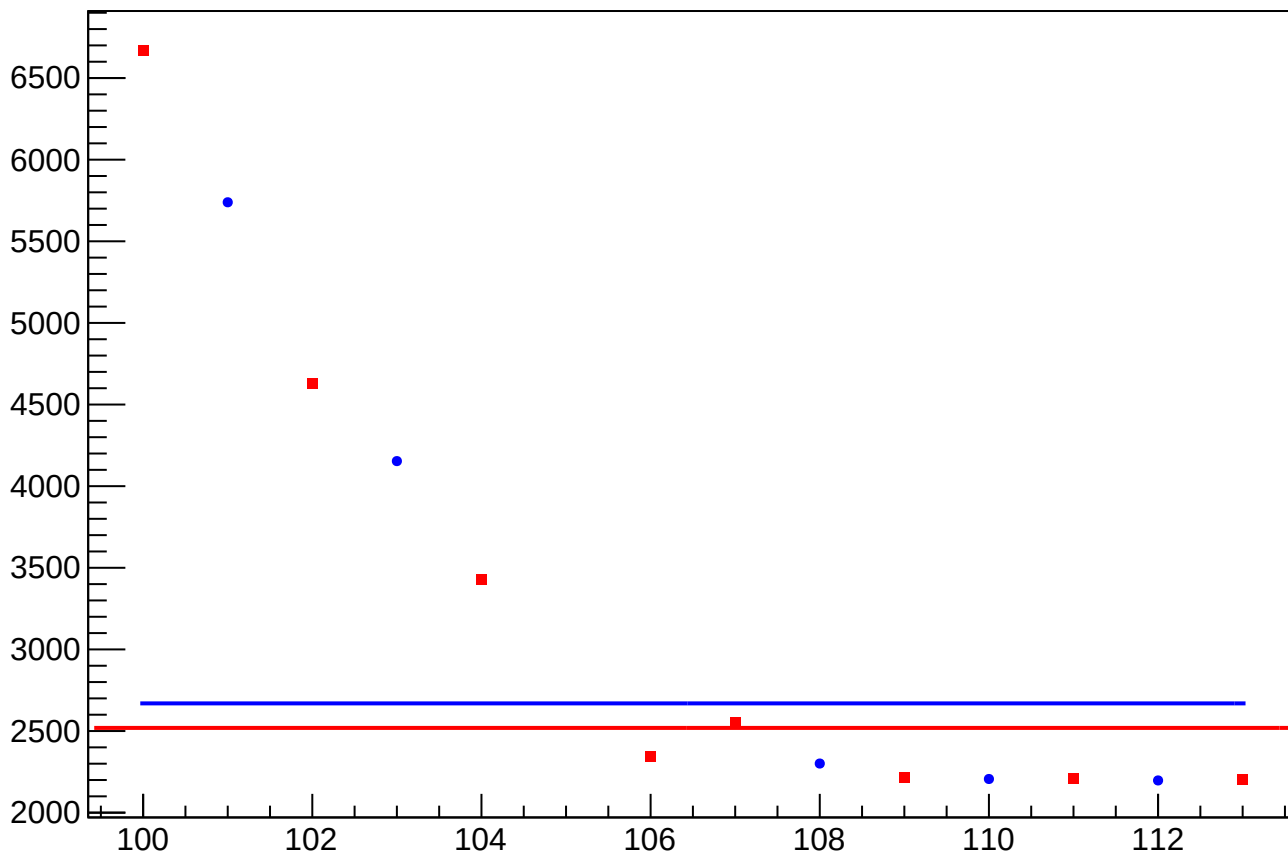
Right: 1231.118+/-1134.777 χ^2/NDF : 12.1/12

In: 1805.956+/-1795.984 χ^2/NDF : 9.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1231.118+/-1134.777 χ^2/NDF : 12.1/12

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: 2519.160+/-1.035 χ^2/NDF : 428931.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

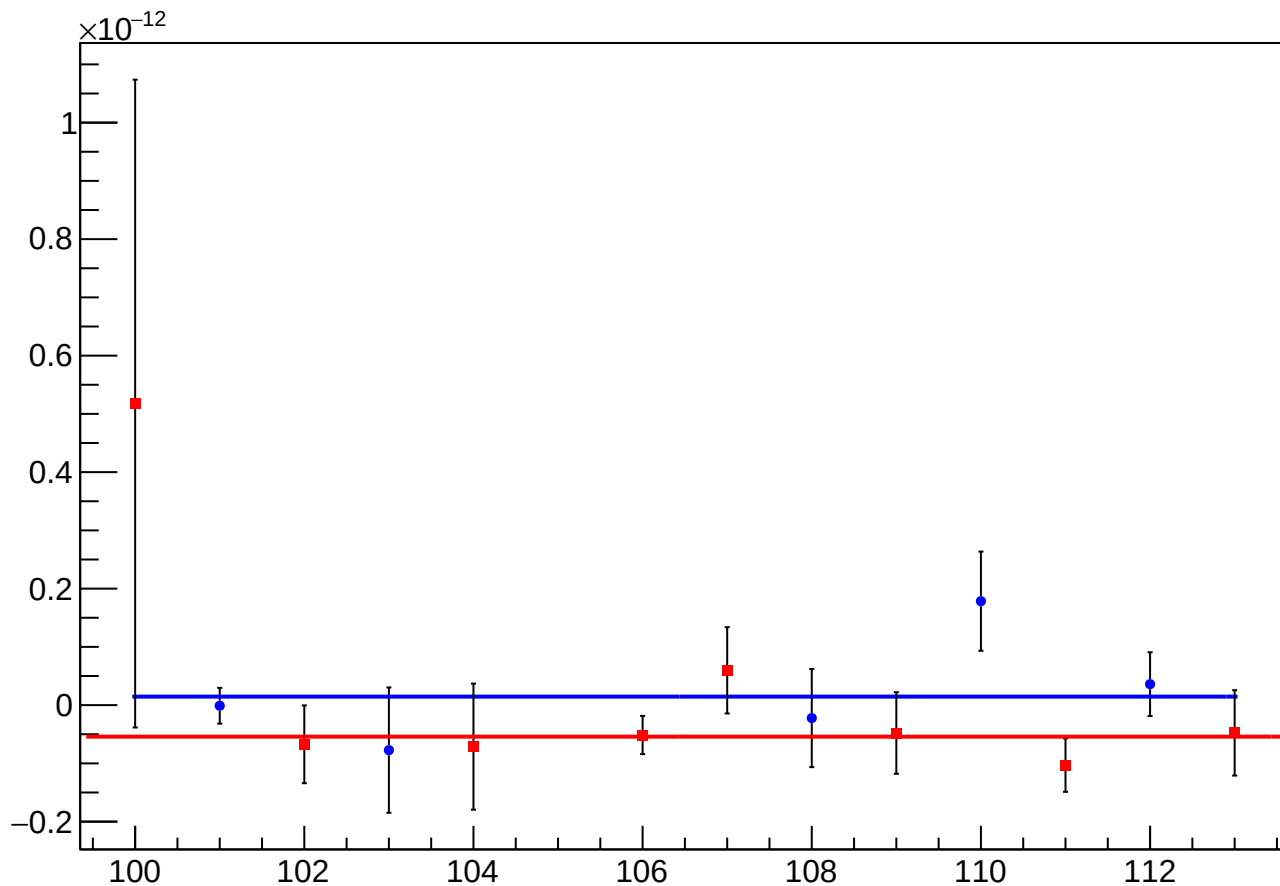
Right: 2579.133+/-0.802 χ^2/NDF : 1063989.3/12

In: 2669.385+/-1.270 χ^2/NDF : 626651.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2579.133+/-0.802 χ^2/NDF : 1063989.3/12

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 : 4.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

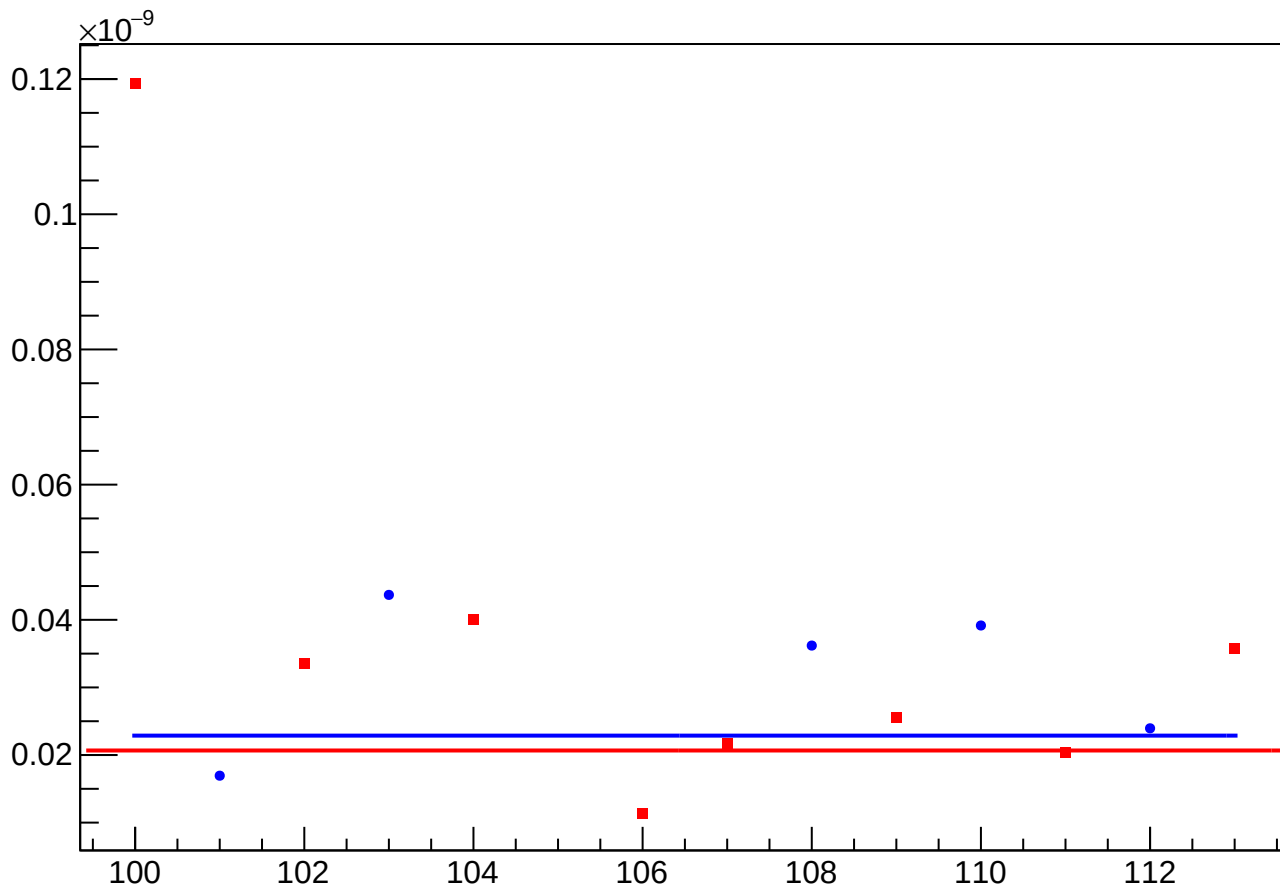
Right: -0.000+/-0.000 χ^2/NDF : 14.4/12

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 : 14.4/12

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 : 458597.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

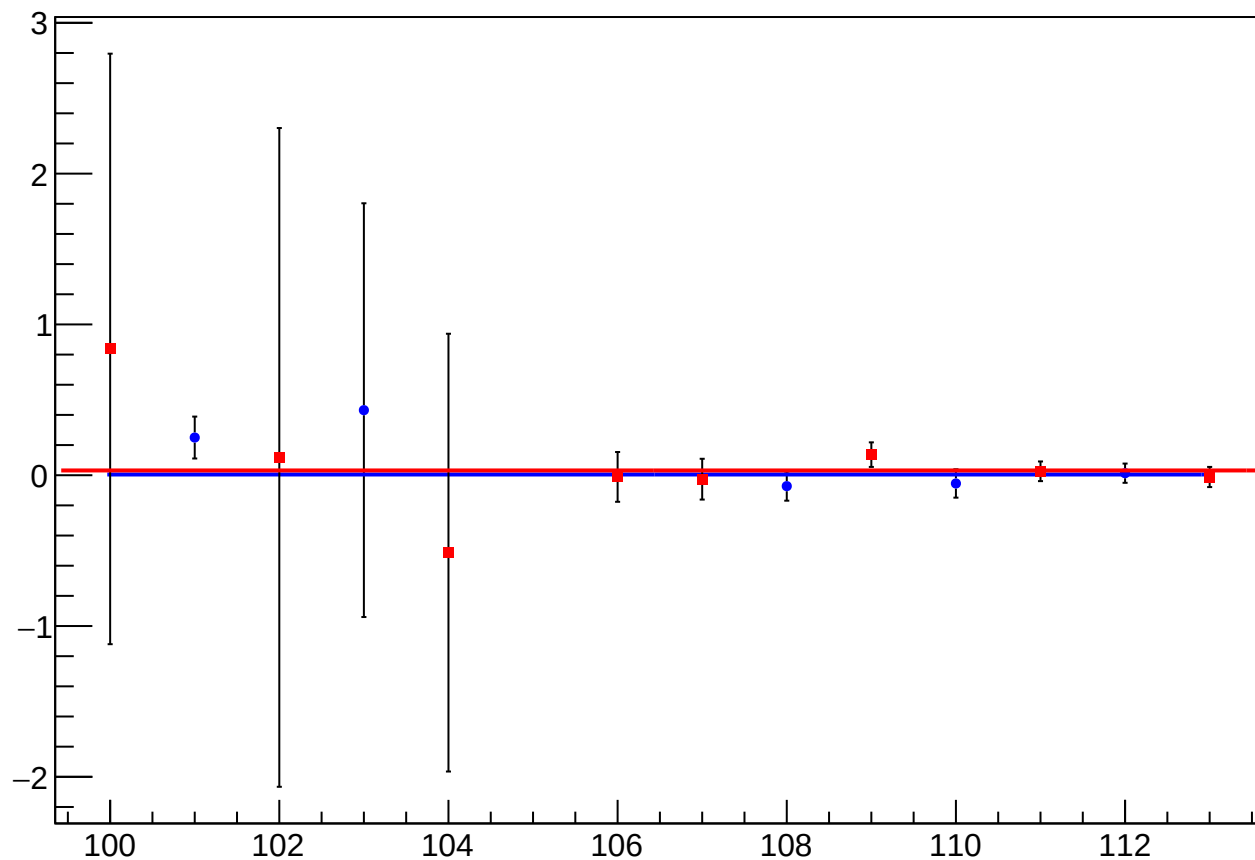
Right: 0.000+/-0.000 χ^2/NDF : 741726.8/12

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 : 741726.8/12

asym_us_avg_at1lr_avg_dd_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: 0.032 $\pm$ 0.038 χ^2 /NDF: 2.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

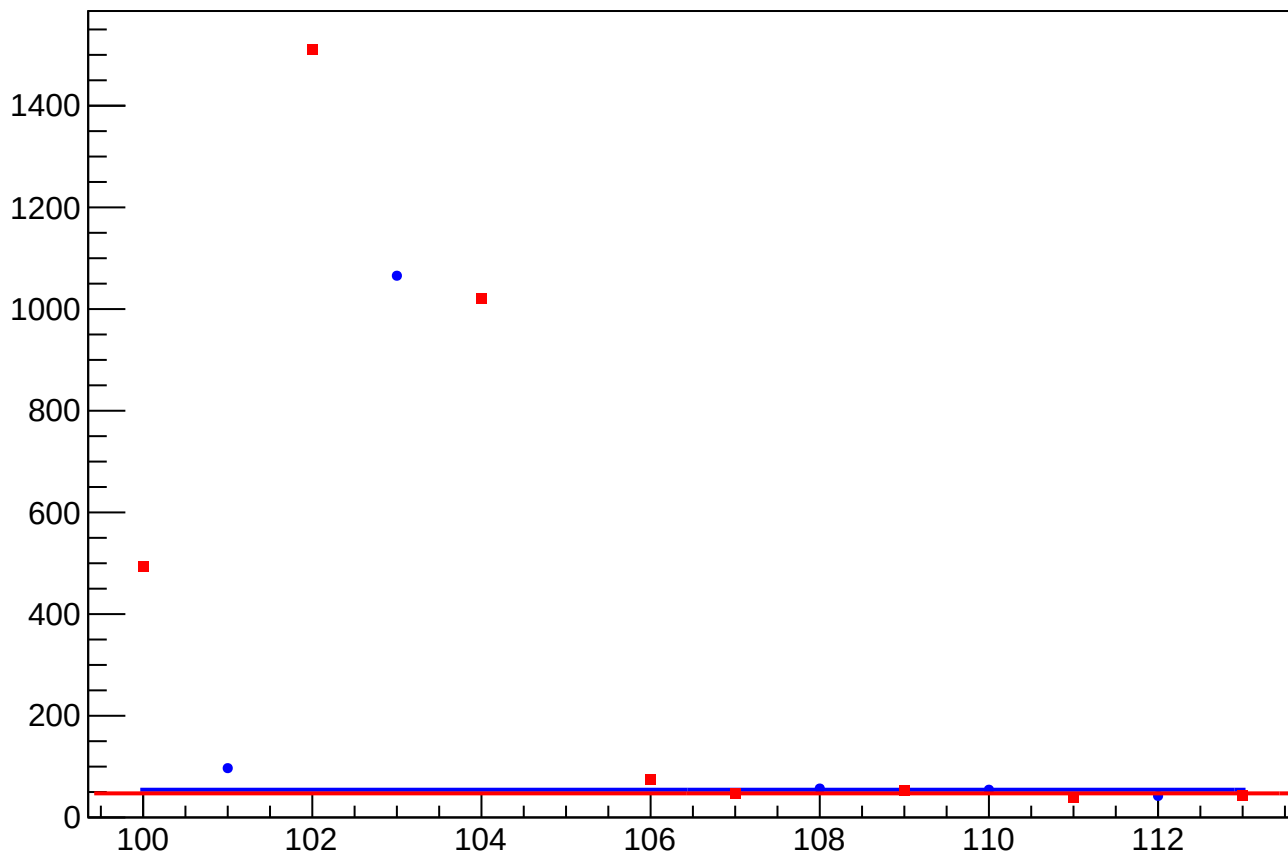
Right: 0.020 $\pm$ 0.029 χ^2 /NDF: 7.1/12

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: 0.020 $\pm$ 0.029 χ^2 /NDF: 7.1/12

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: 47.377+/-0.027 χ^2/NDF : 2002611.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

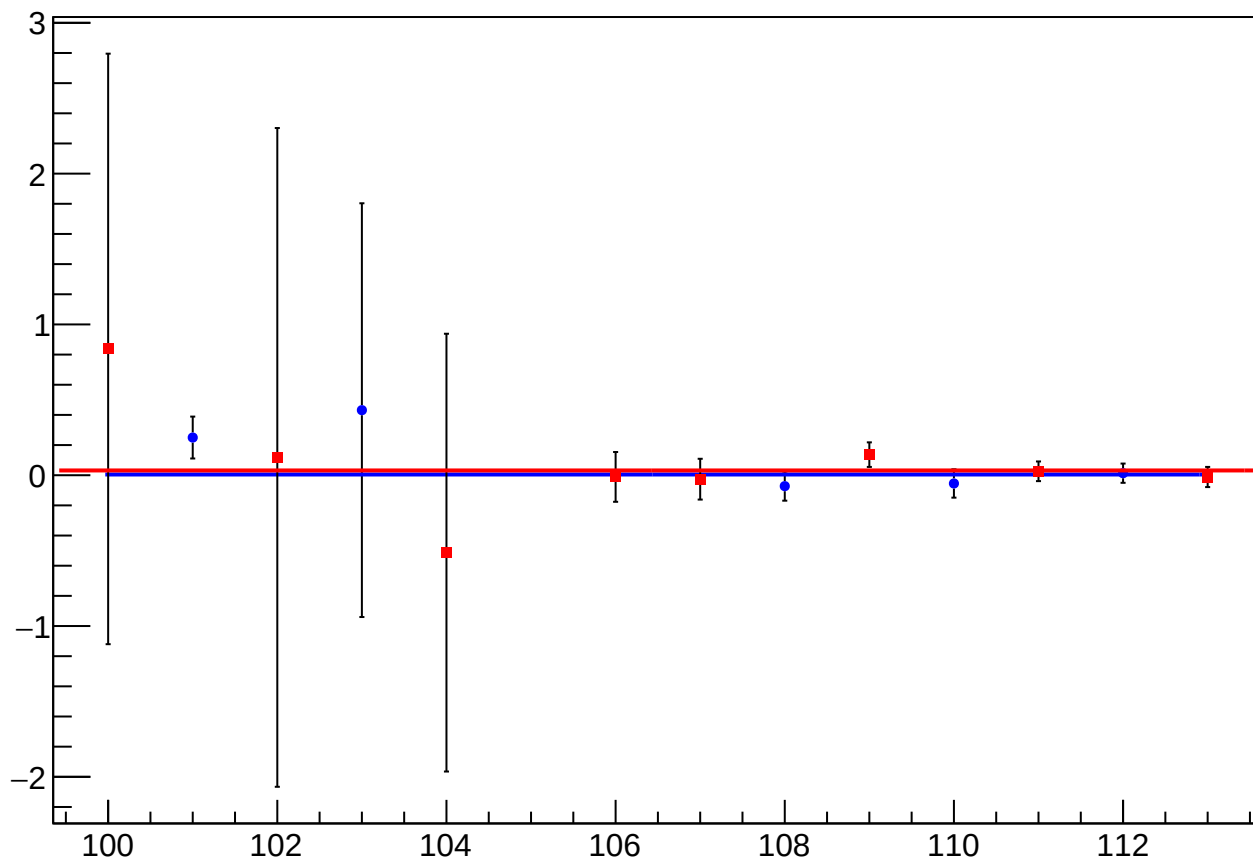
Right: 50.418+/-0.020 χ^2/NDF : 3380400.6/12

In: 54.535+/-0.031 χ^2/NDF : 1347224.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.418+/-0.020 χ^2/NDF : 3380400.6/12

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_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: 0.032+/-0.038 χ^2/NDF : 2.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

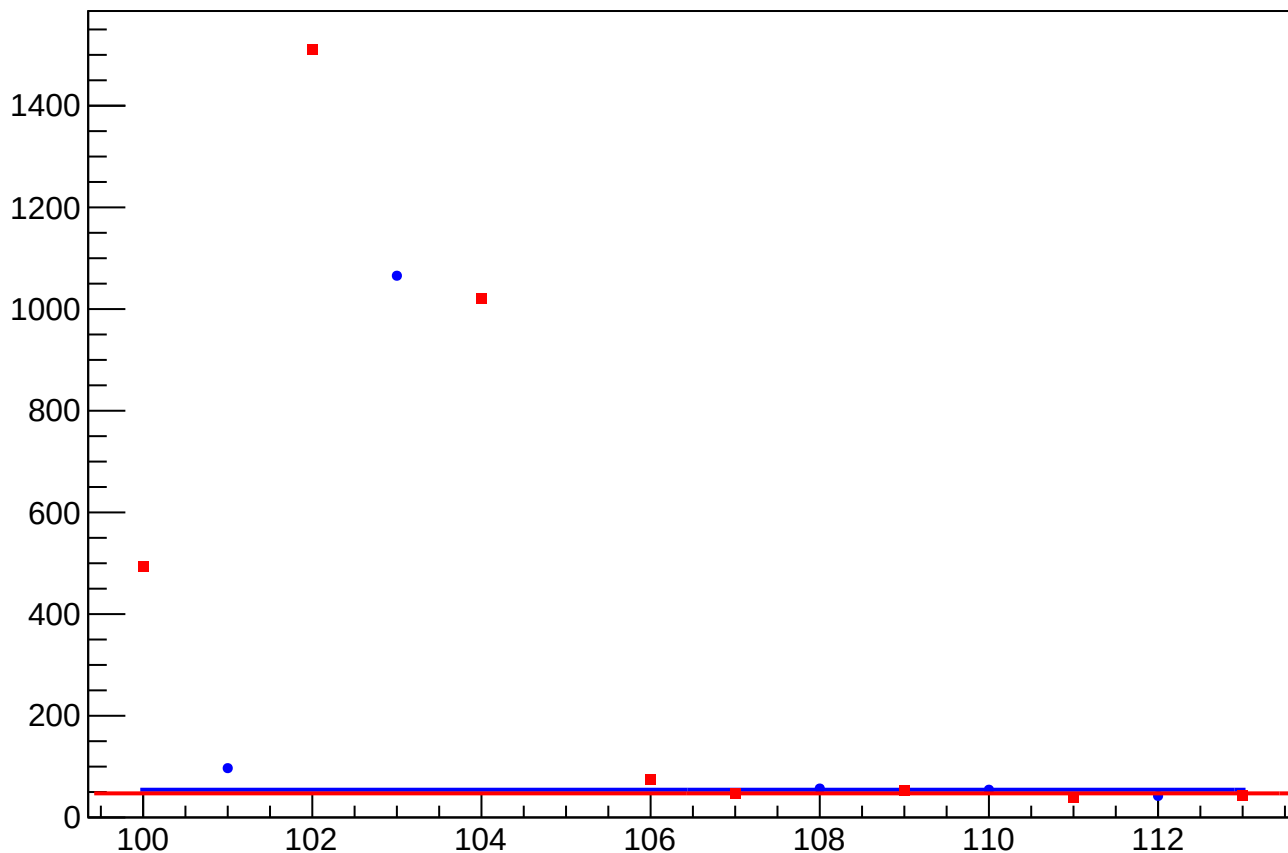
Right: 0.020+/-0.029 χ^2/NDF : 7.1/12

In: 0.005+/-0.044 χ^2/NDF :4.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.020+/-0.029 χ^2/NDF : 7.1/12

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: 47.377+/-0.027 χ^2/NDF : 2002611.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

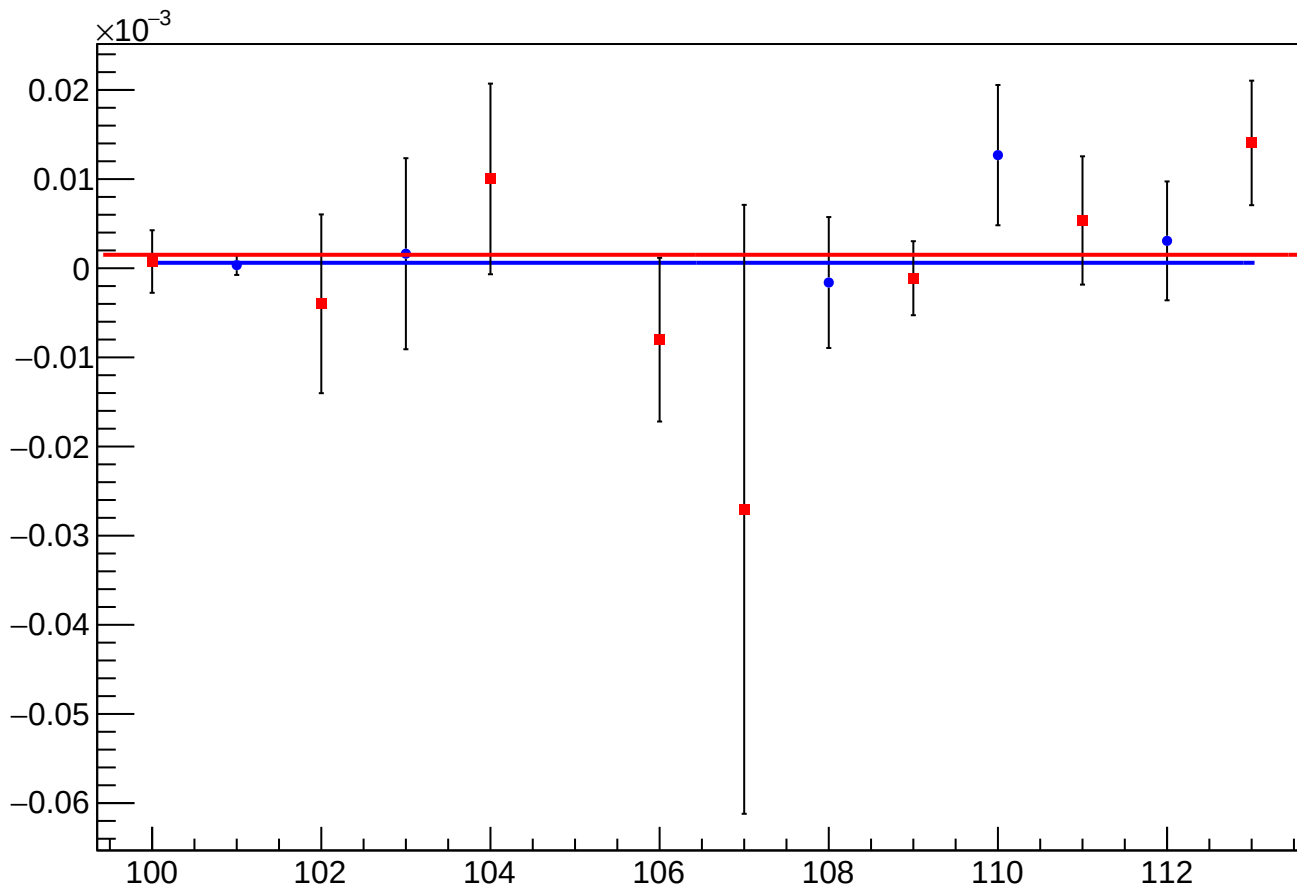
Right: 50.418+/-0.020 χ^2/NDF : 3380400.6/12

In: 54.535+/-0.031 χ^2/NDF : 1347224.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.418+/-0.020 χ^2/NDF : 3380400.6/12

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

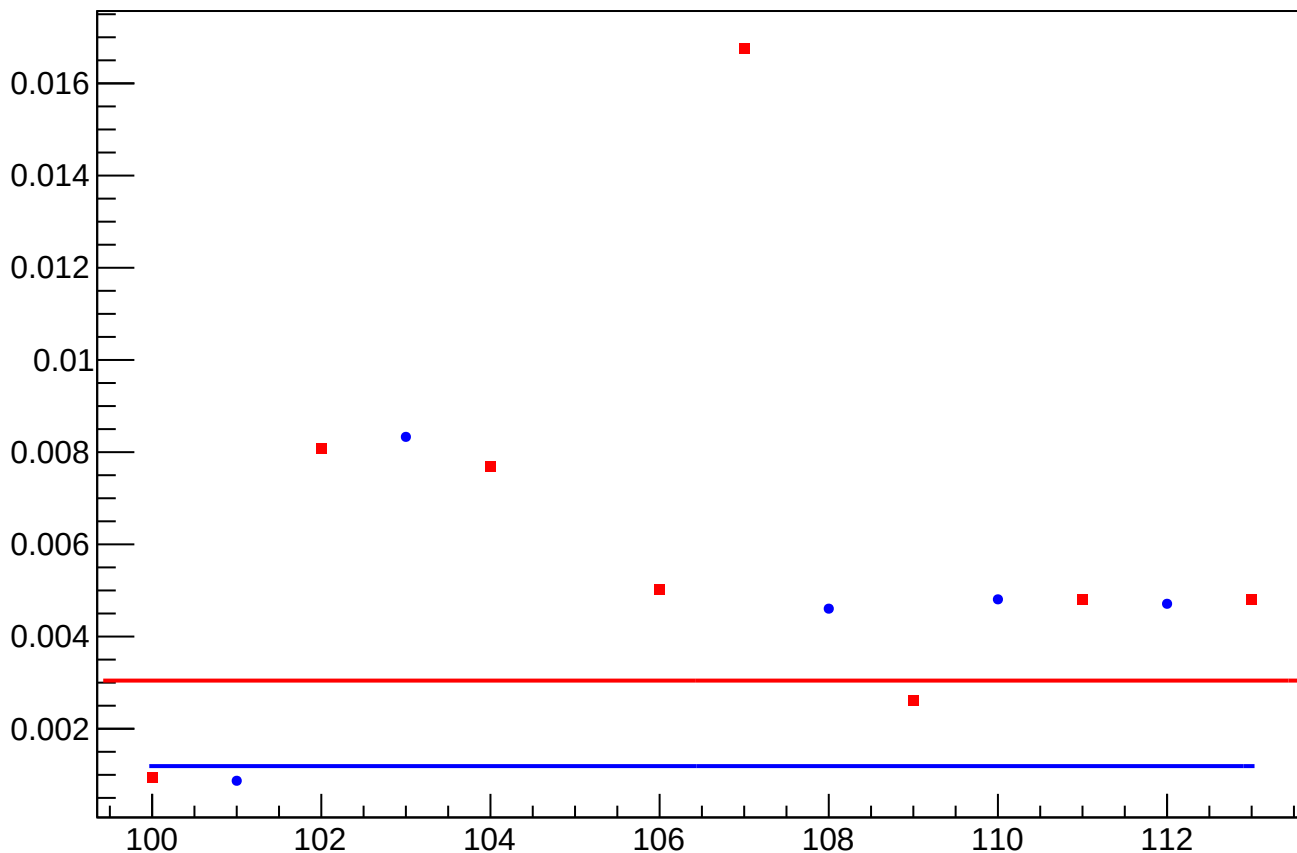
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.5/12

In: 0.000 $\pm$ 0.000 χ^2 /NDF:2.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.5/12

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 : 2280894.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

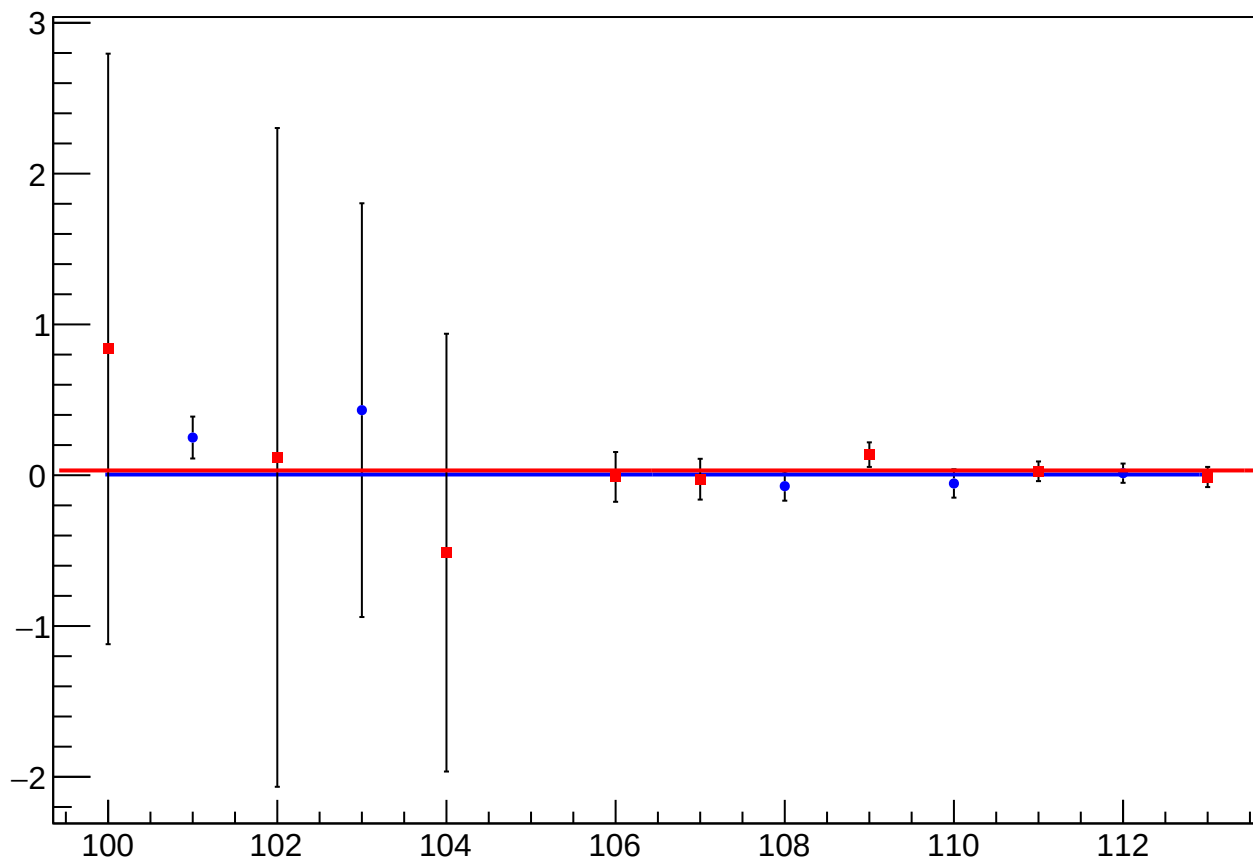
Right: 0.002+/-0.000 χ^2/NDF : 5922178.8/12

In: 0.001+/-0.000 χ^2/NDF :2468820.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5922178.8/12

asym_us_avg_at1lr_avg_dd_eigen_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: 0.032+/-0.038 χ^2/NDF : 2.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

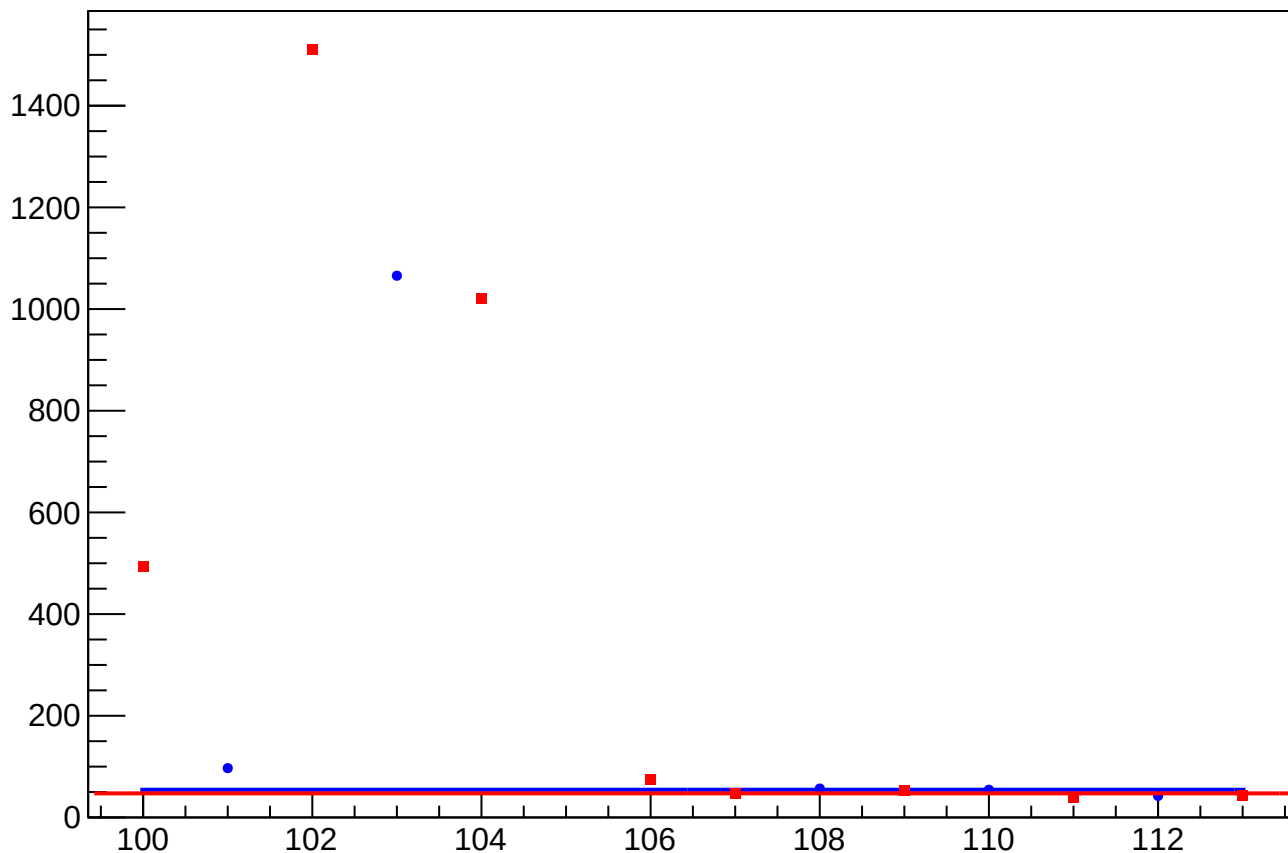
Right: 0.020+/-0.029 χ^2/NDF : 7.1/12

In: 0.005+/-0.044 χ^2/NDF :4.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.020+/-0.029 χ^2/NDF : 7.1/12

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: 47.377+/-0.027 χ^2/NDF : 2002608.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

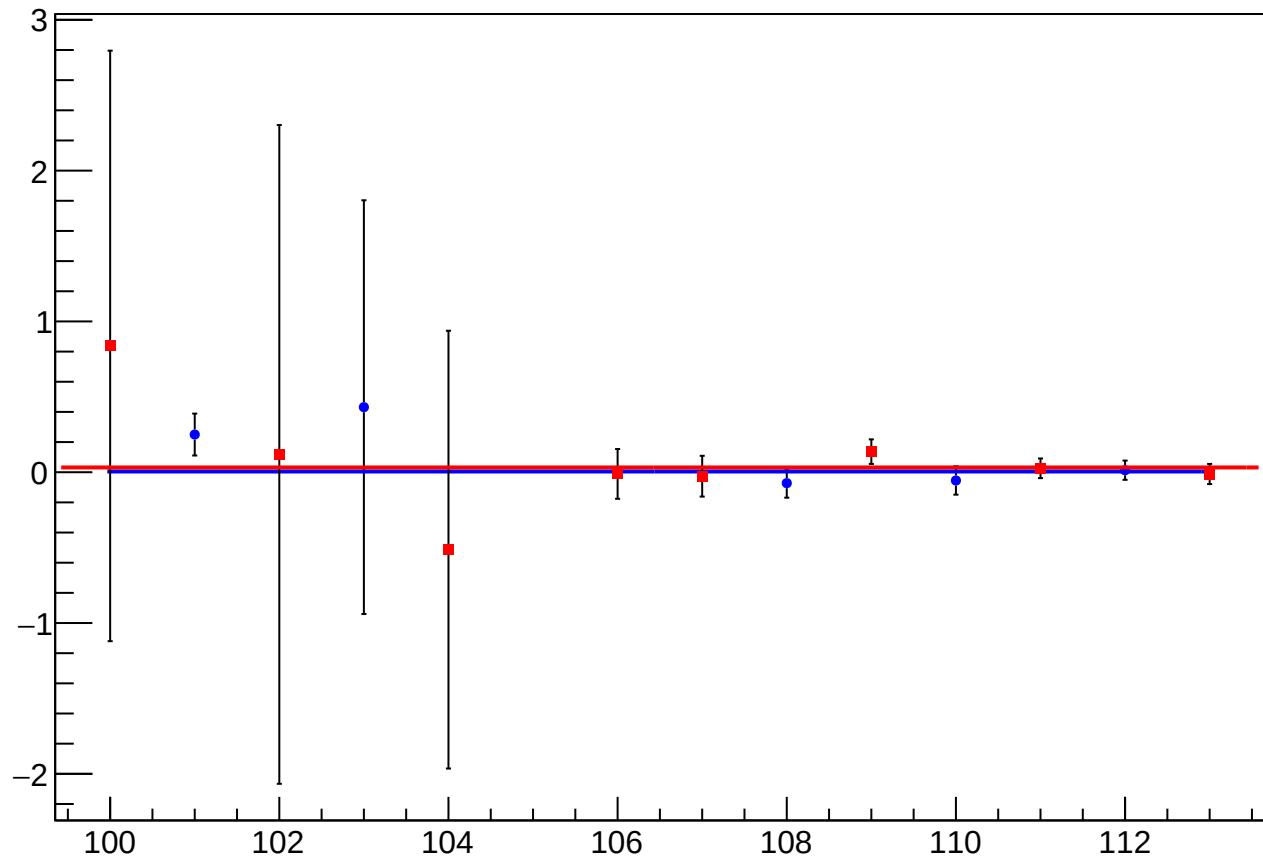
Right: 50.419+/-0.020 χ^2/NDF : 3380389.9/12

In: 54.536+/-0.031 χ^2/NDF :1347210.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 50.419+/-0.020 χ^2/NDF : 3380389.9/12

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_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: 0.032+/-0.038 χ^2/NDF : 2.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

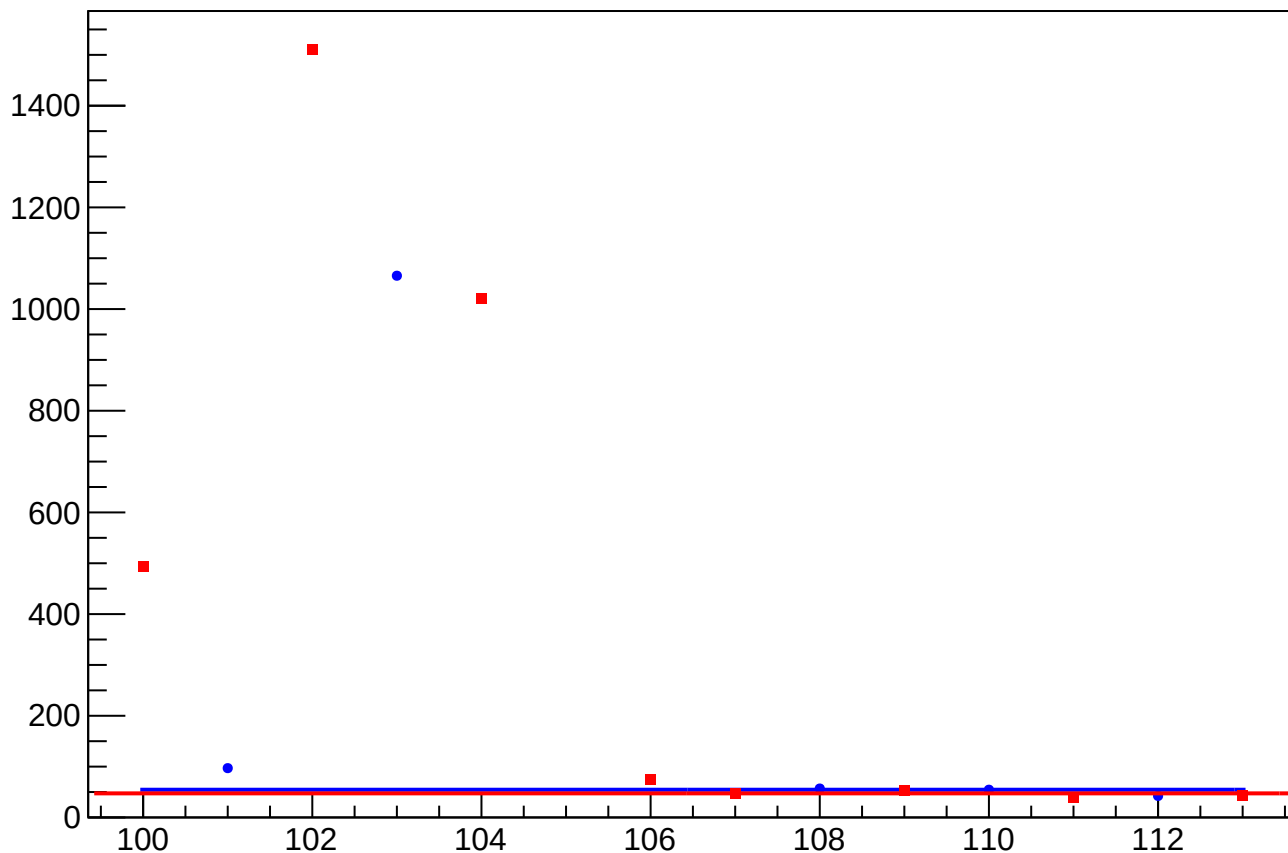
Right: 0.020+/-0.029 χ^2/NDF : 7.1/12

In: 0.005+/-0.044 χ^2/NDF : 4.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.029 χ^2/NDF : 7.1/12

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: 47.377+/-0.027 χ^2/NDF : 2002608.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

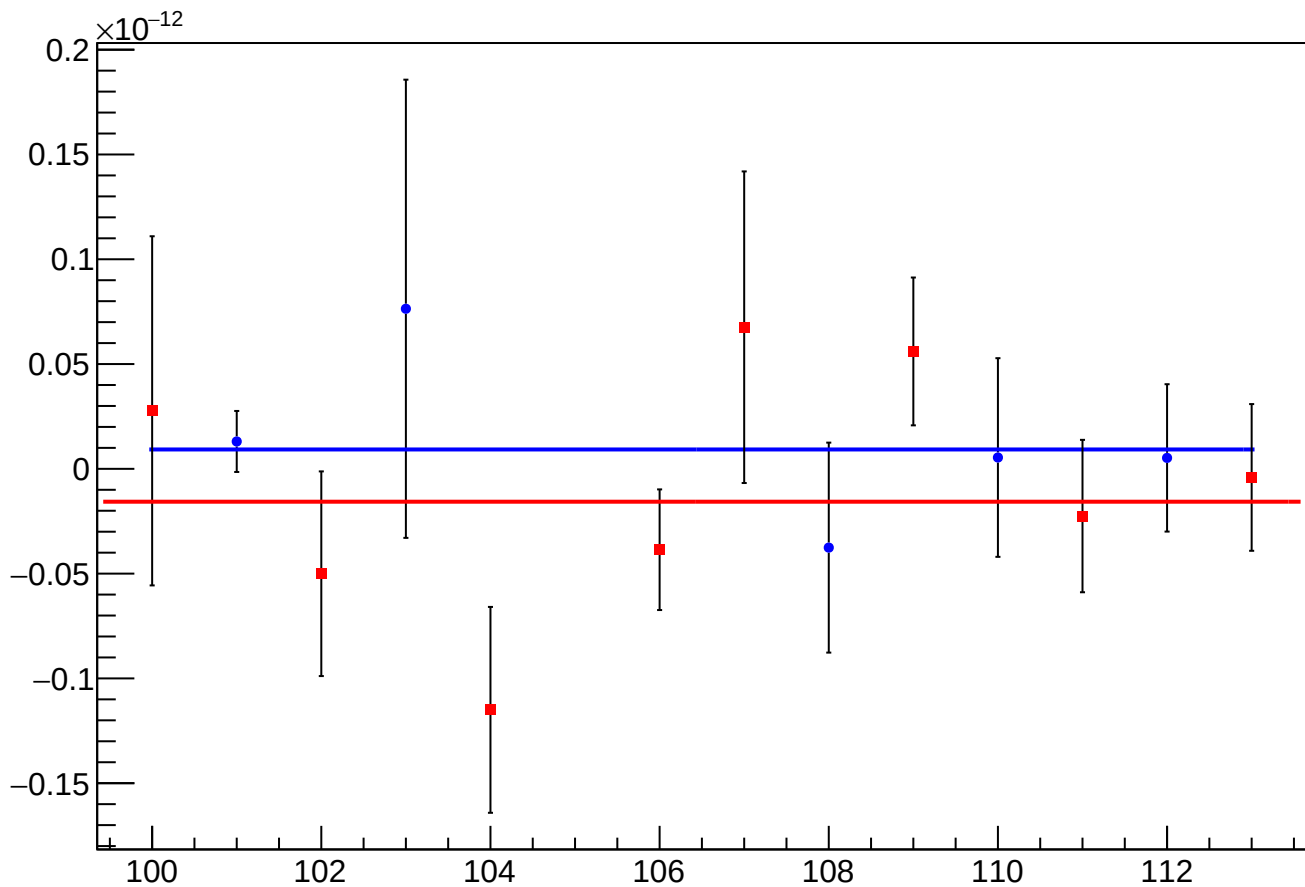
Right: 50.419+/-0.020 χ^2/NDF : 3380389.9/12

In: 54.536+/-0.031 χ^2/NDF : 1347210.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.419+/-0.020 χ^2/NDF : 3380389.9/12

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 : 11.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

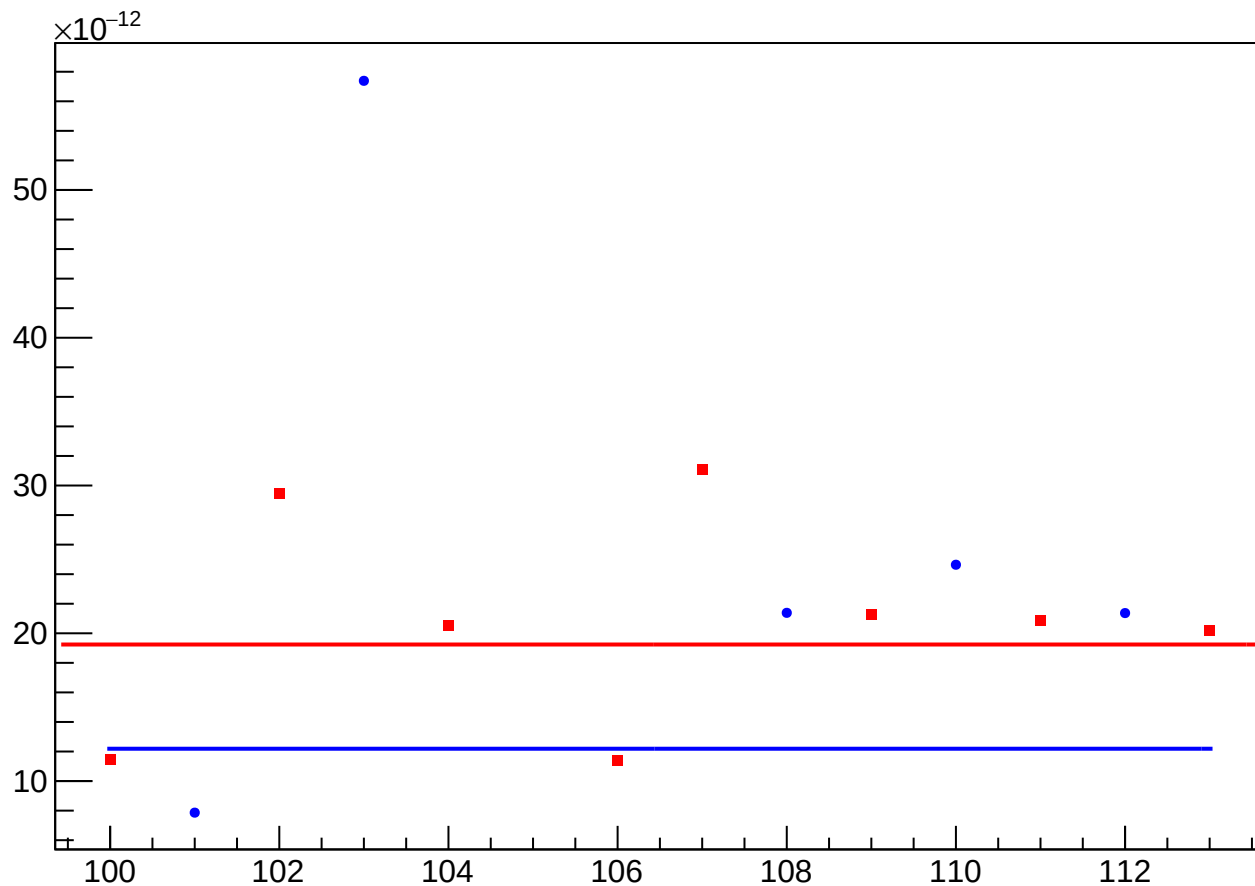
Right: -0.000+/-0.000 χ^2/NDF : 14.1/12

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 : 14.1/12

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 : 318607.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

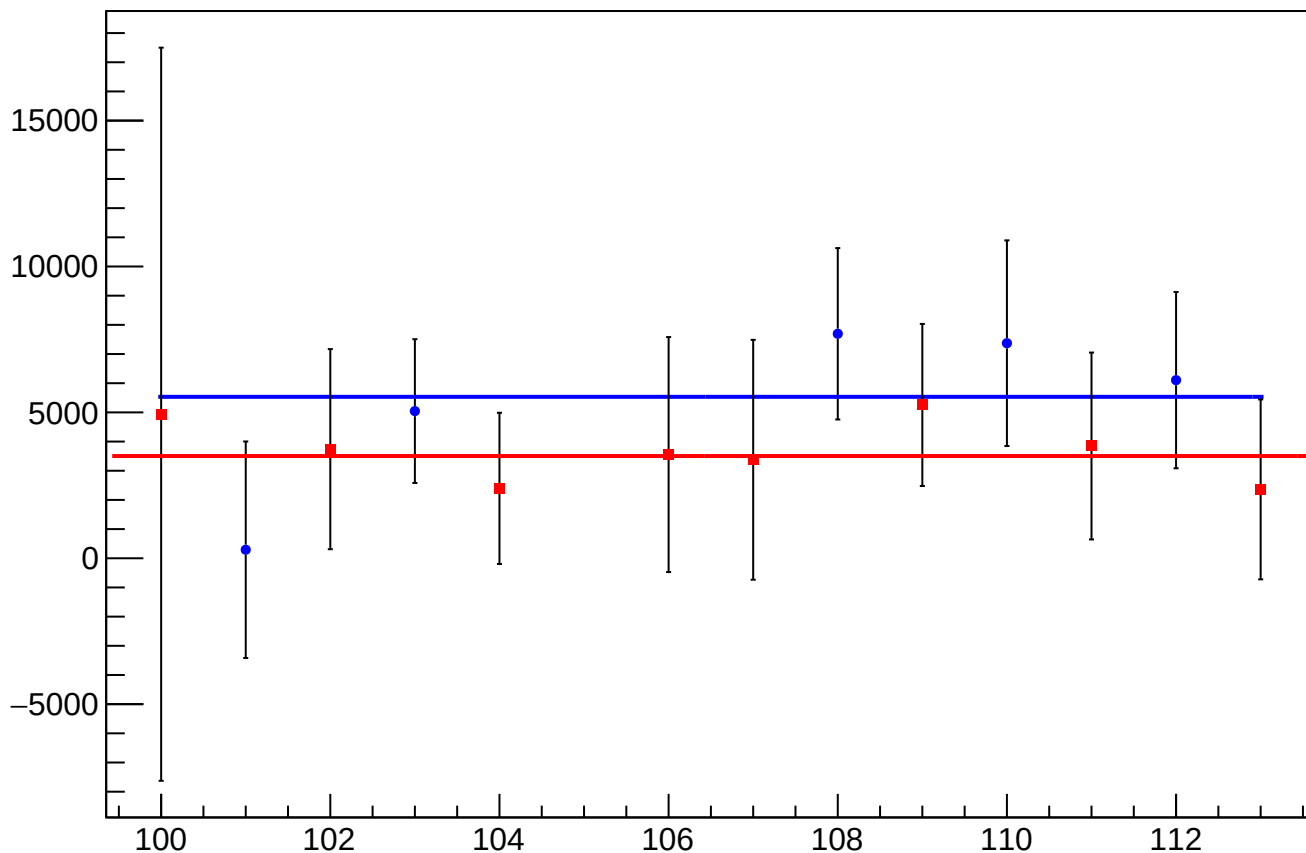
Right: 0.000+/-0.000 χ^2/NDF : 1450774.3/12

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 : 1450774.3/12

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: 3503.706+/-1200.755 χ^2/NDF : 0.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

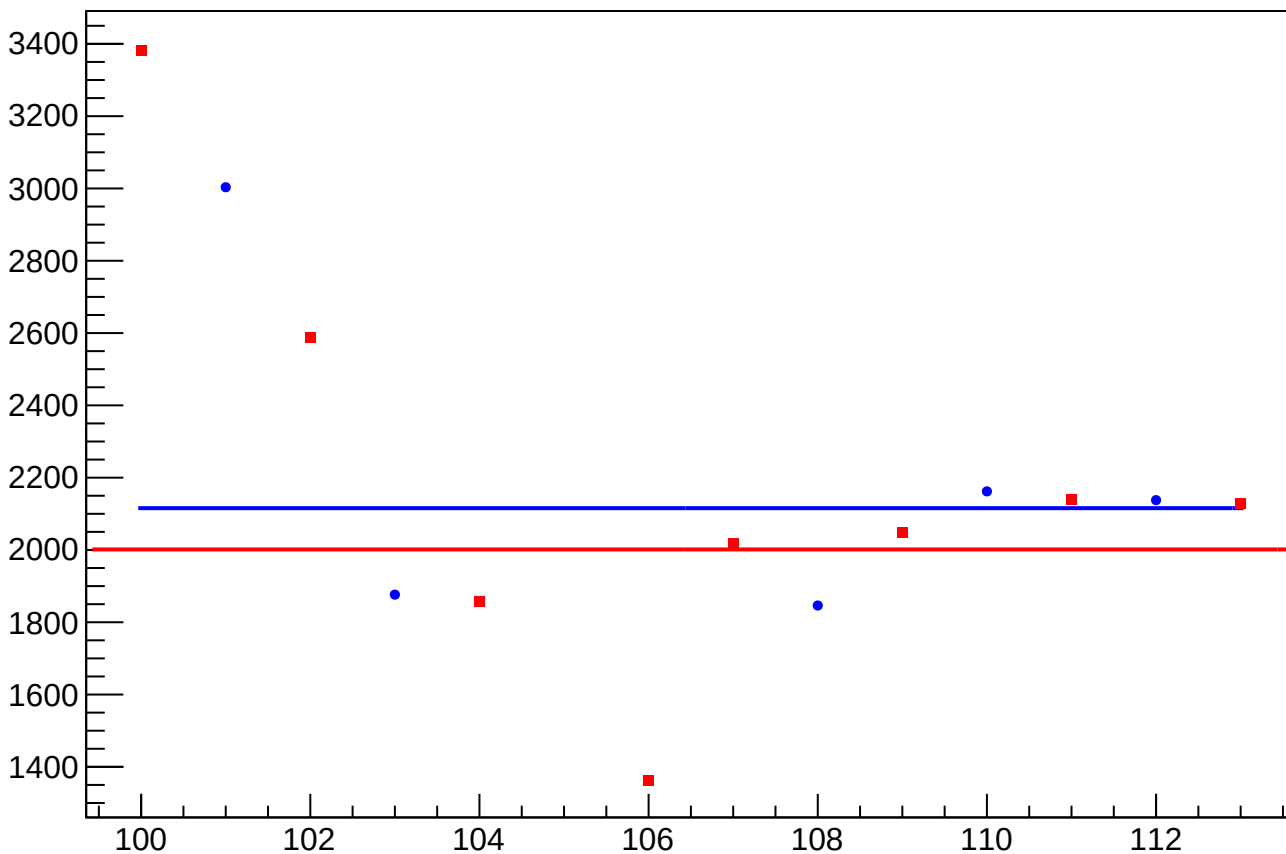
Right: 4395.241+/-899.146 χ^2/NDF : 4.9/12

In: 5533.273+/-1356.633 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4395.241+/-899.146 χ^2/NDF : 4.9/12

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: 2001.430+/-0.820 χ^2/NDF : 187221.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

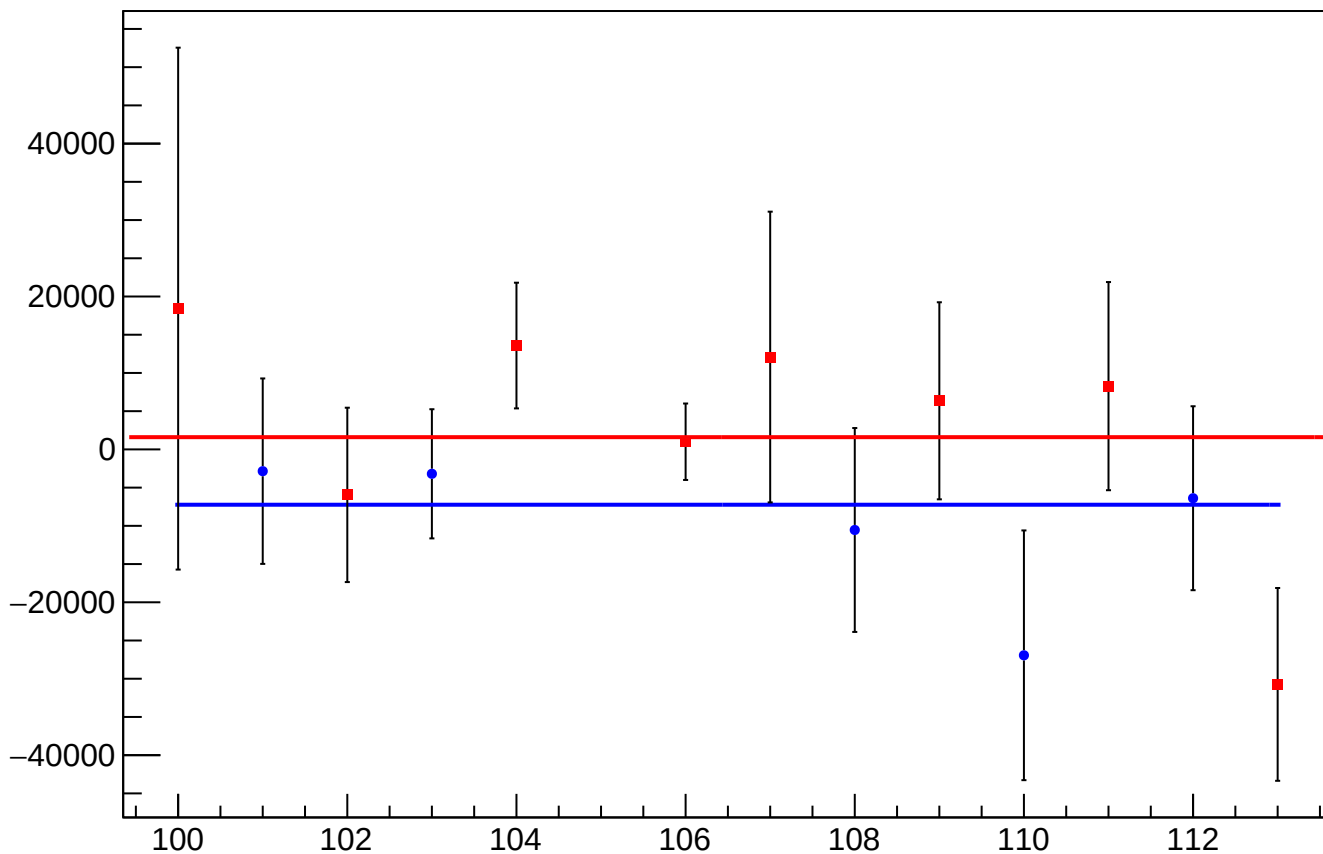
Right: 2049.659+/-0.623 χ^2/NDF : 346000.3/12

In: 2115.636+/-0.959 χ^2/NDF : 150590.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2049.659+/-0.623 χ^2/NDF : 346000.3/12

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: 1599.788+/-3454.324 χ^2/NDF : 10.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

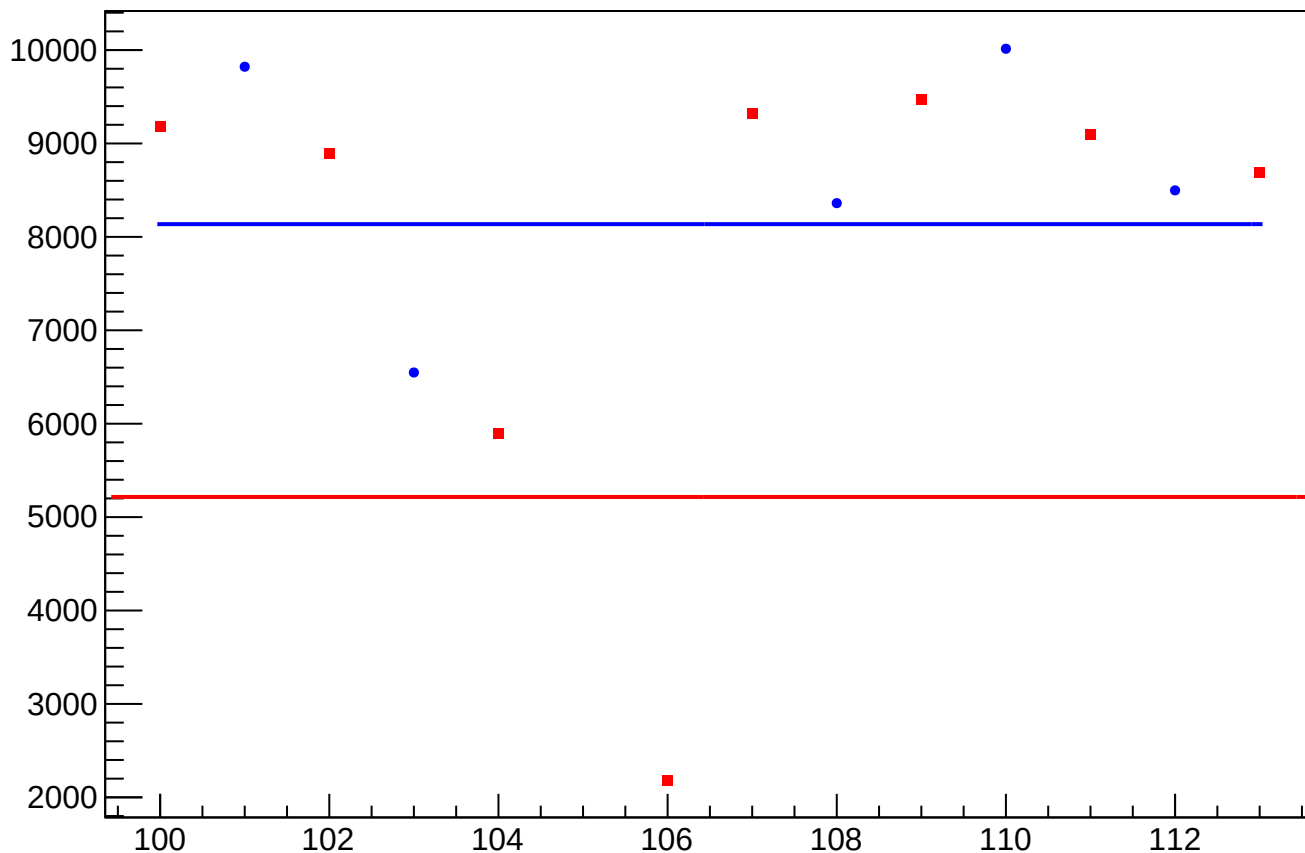
Right: -1111.710+/-2876.052 χ^2/NDF : 14.0/12

In: -7238.617+/-5192.530 χ^2/NDF : 1.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1111.710+/-2876.052 χ^2/NDF : 14.0/12

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: 5215.667+/-2.443 χ^2/NDF : 1610309.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

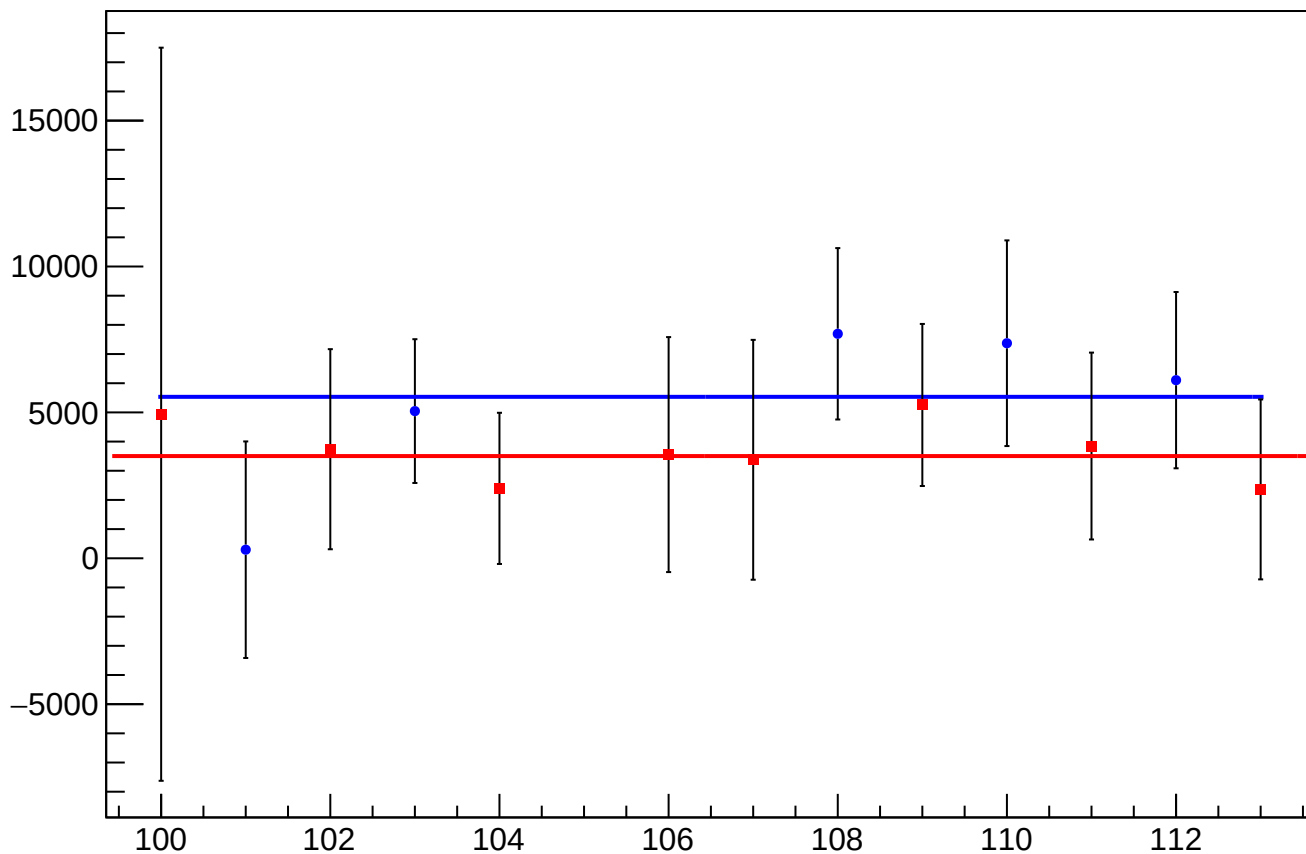
Right: 6111.711+/-2.034 χ^2/NDF : 2187084.2/12

In: 8136.414+/-3.672 χ^2/NDF : 138115.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6111.711+/-2.034 χ^2/NDF : 2187084.2/12

cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5533.518 $\pm$ 1356.634 χ^2 /NDF: 2.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3503.312 $\pm$ 1200.756 χ^2 /NDF: 0.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

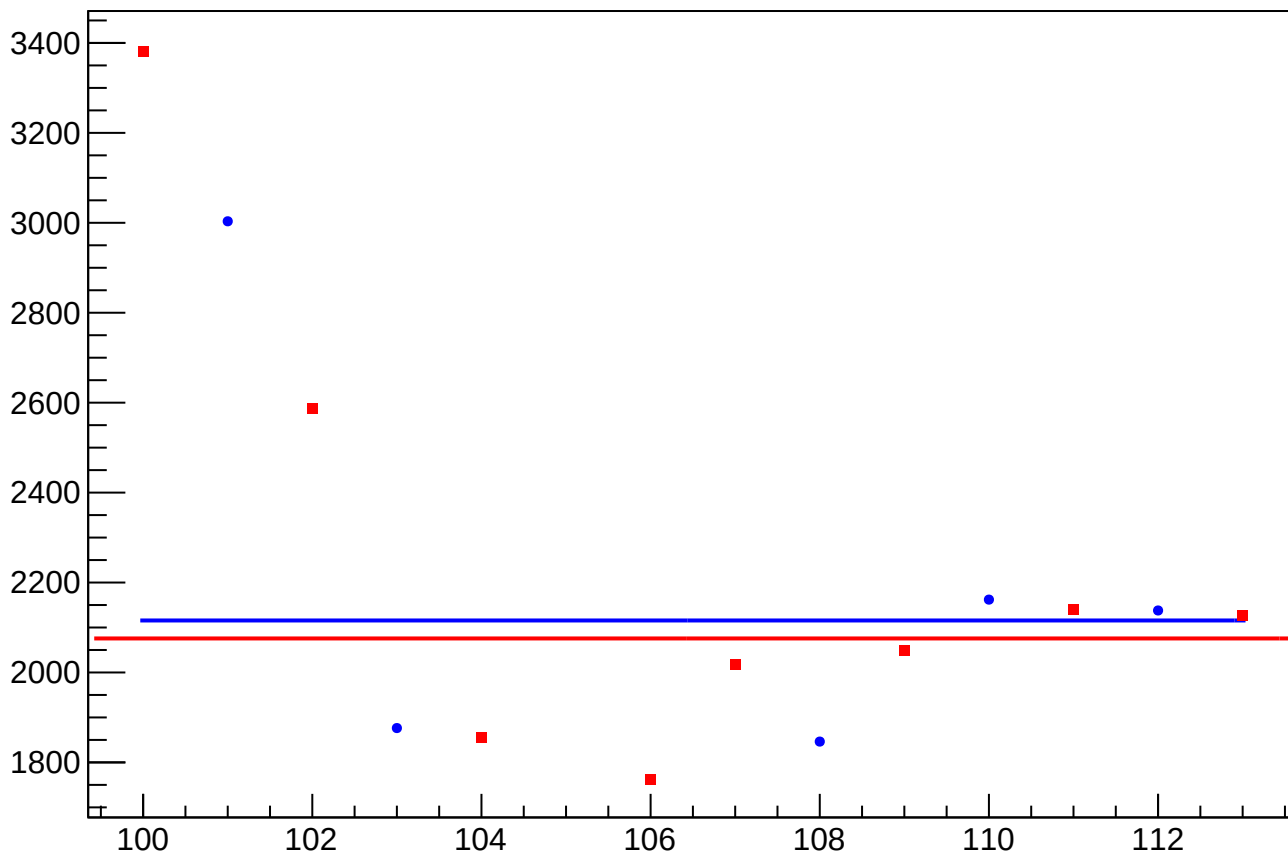
Right: 4395.128 $\pm$ 899.146 χ^2 /NDF: 4.9/12

In: 5533.518 $\pm$ 1356.634 χ^2 /NDF:2.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4395.128 $\pm$ 899.146 χ^2 /NDF: 4.9/12

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: 2075.643+/-0.840 χ^2/NDF : 97607.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

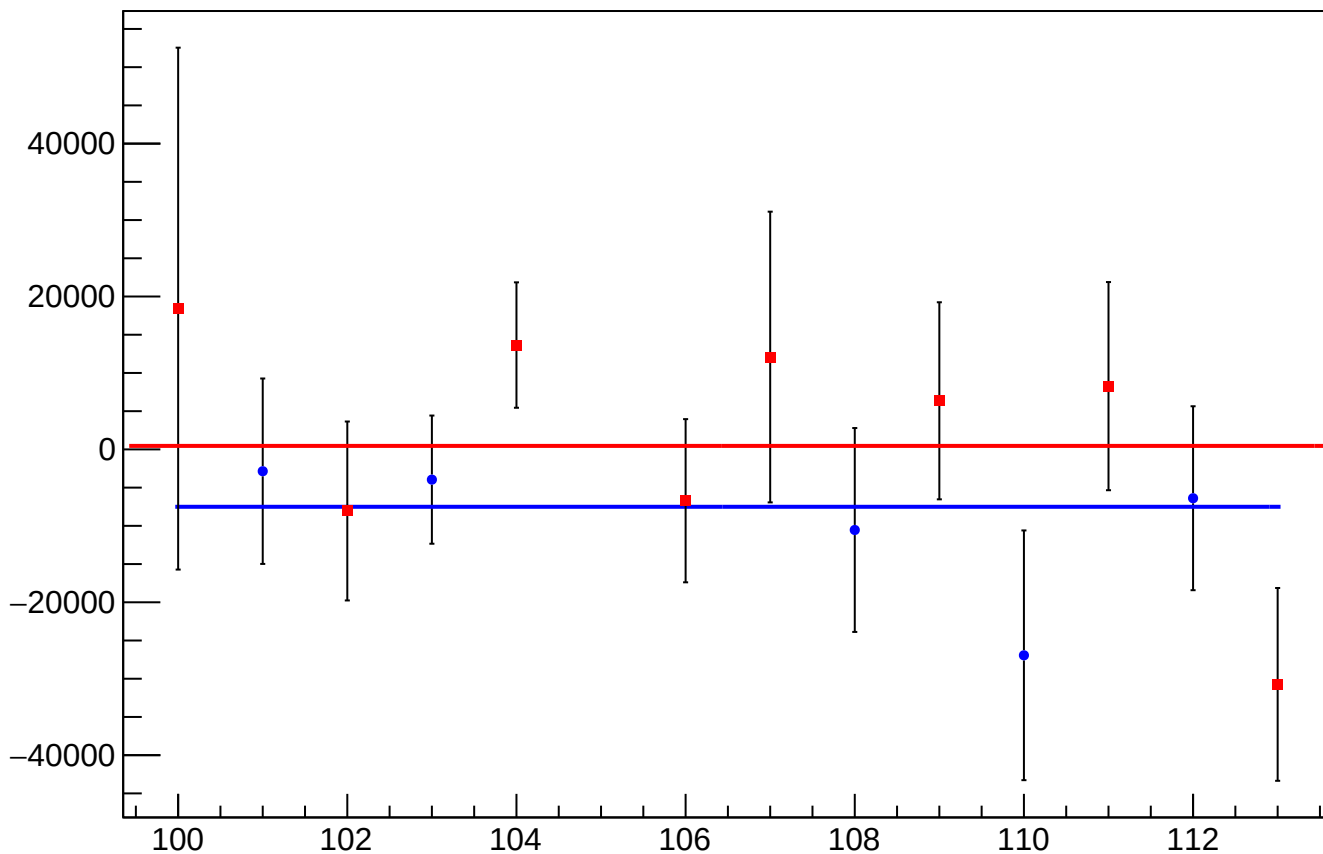
Right: 2092.997+/-0.632 χ^2/NDF : 249182.0/12

In: 2115.636+/-0.959 χ^2/NDF : 150591.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2092.997+/-0.632 χ^2/NDF : 249182.0/12

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: 457.316+/-4374.235 χ^2/NDF : 10.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

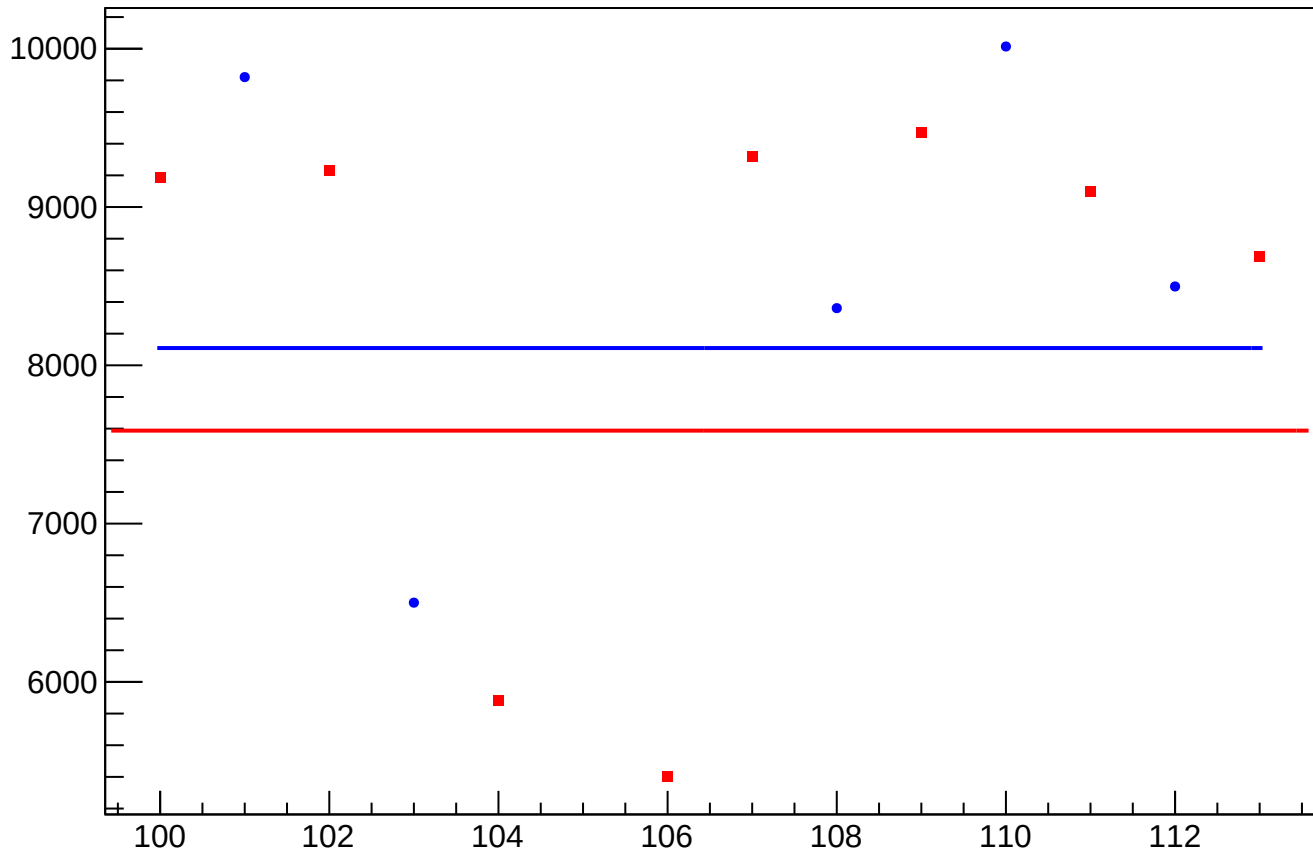
Right: -2859.803+/-3341.369 χ^2/NDF : 14.1/12

In: -7507.057+/-5177.495 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2859.803+/-3341.369 χ^2/NDF : 14.1/12

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: 7587.448+/-3.093 χ^2/NDF : 313389.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

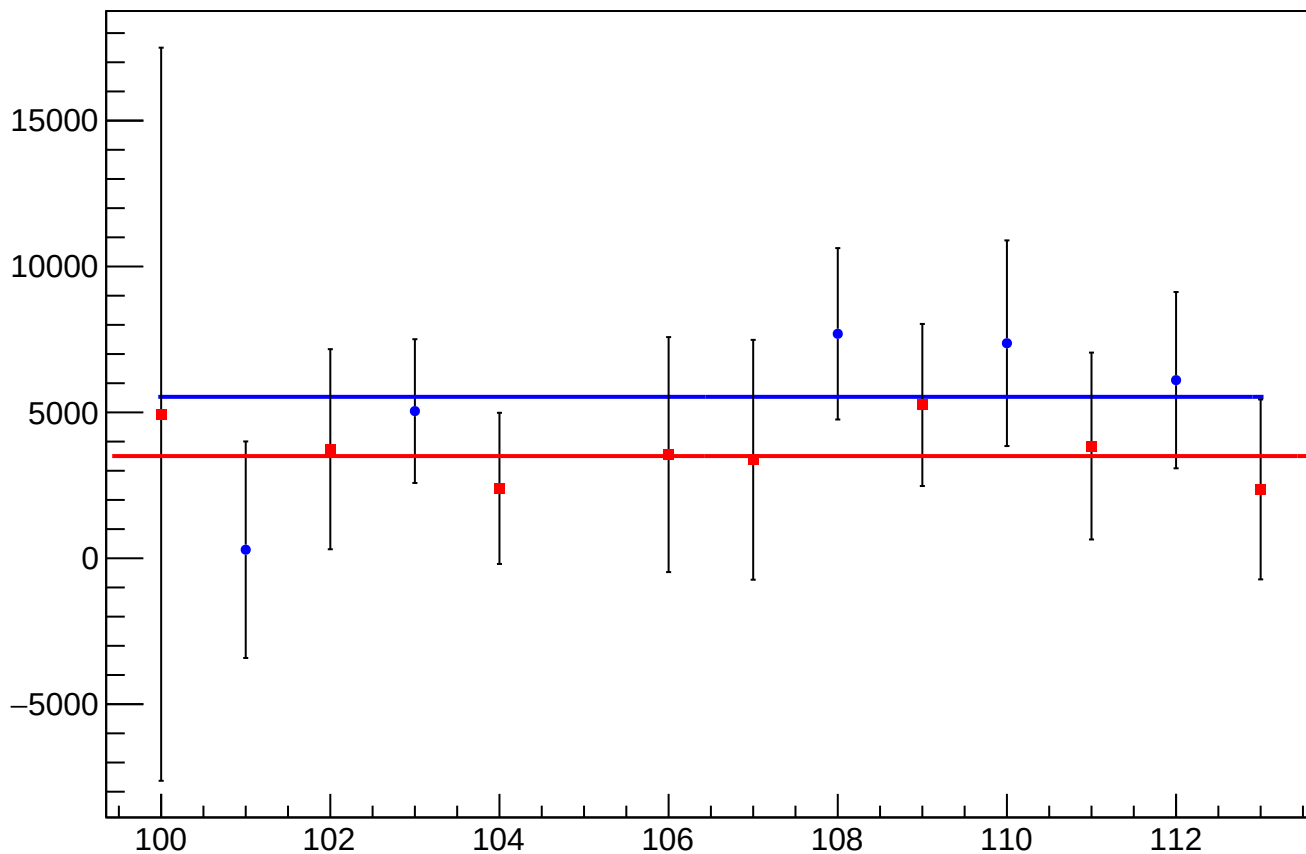
Right: 7804.721+/-2.363 χ^2/NDF : 468688.7/12

In: 8109.119+/-3.661 χ^2/NDF : 143451.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7804.721+/-2.363 χ^2/NDF : 468688.7/12

eigen_cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5533.518 $\pm$ 1356.634 χ^2 /NDF: 2.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3503.312 $\pm$ 1200.756 χ^2 /NDF: 0.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

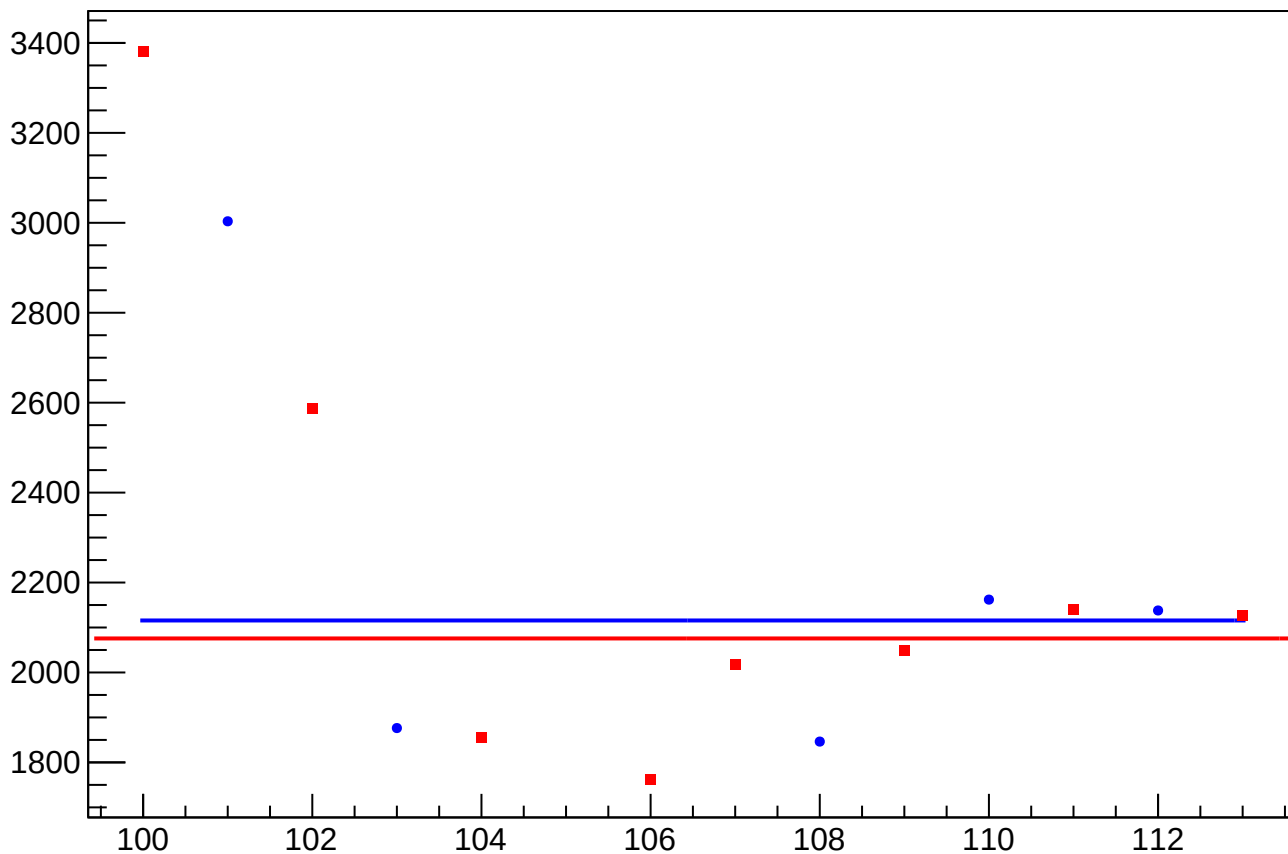
Right: 4395.128 $\pm$ 899.146 χ^2 /NDF: 4.9/12

In: 5533.518 $\pm$ 1356.634 χ^2 /NDF:2.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4395.128 $\pm$ 899.146 χ^2 /NDF: 4.9/12

eigen_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: 2075.643+/-0.840 χ^2/NDF : 97607.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

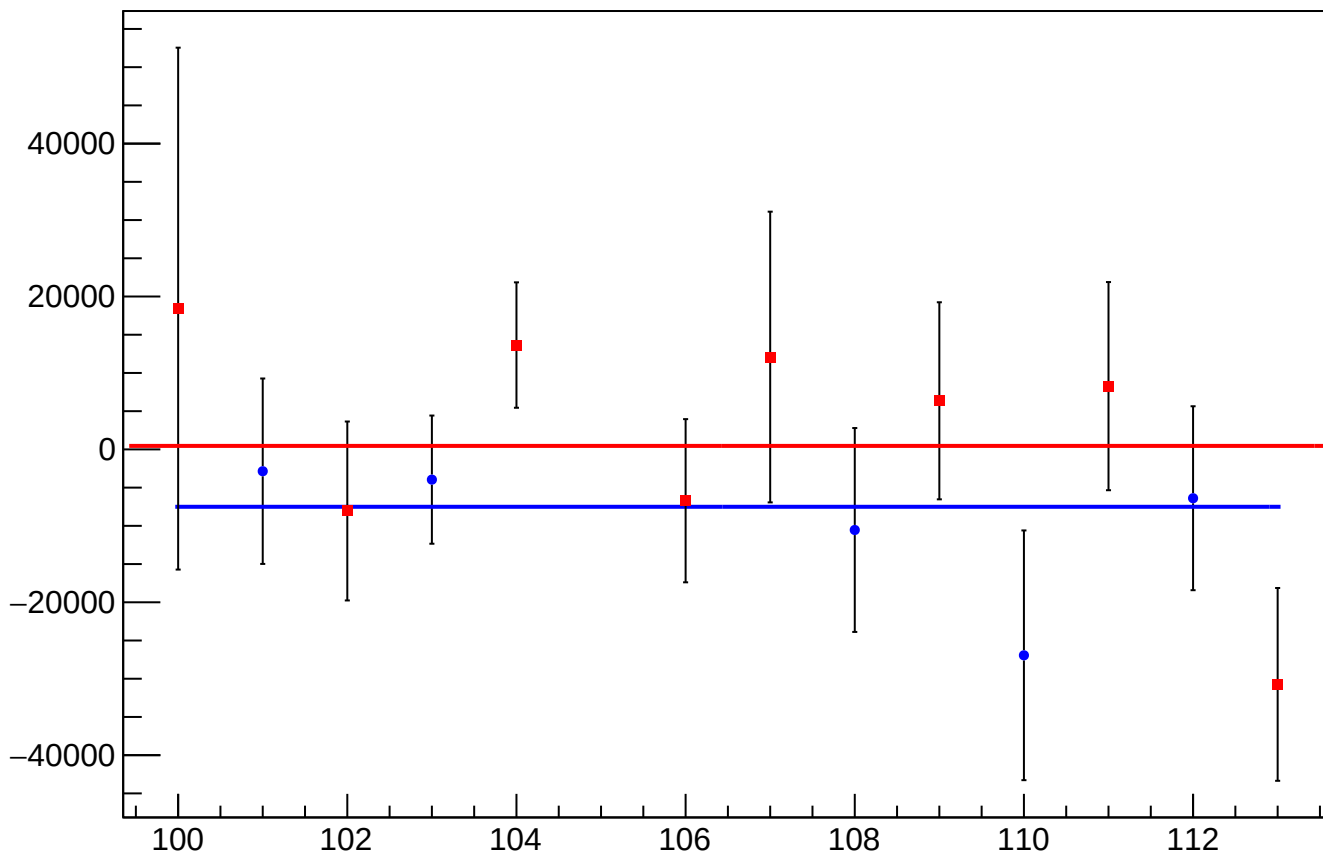
Right: 2092.997+/-0.632 χ^2/NDF : 249182.0/12

In: 2115.636+/-0.959 χ^2/NDF : 150591.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2092.997+/-0.632 χ^2/NDF : 249182.0/12

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: 457.316+/-4374.235 χ^2/NDF : 10.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

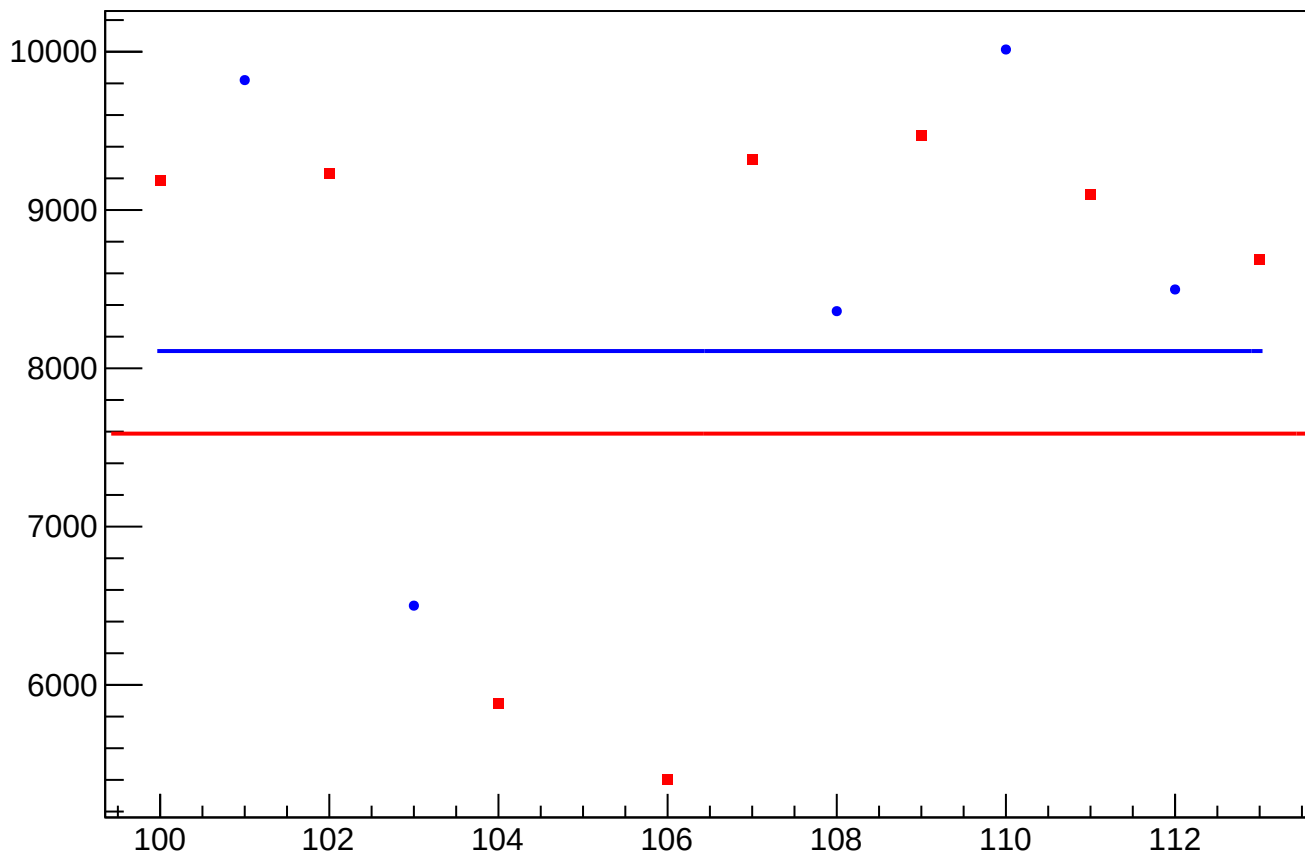
Right: -2859.803+/-3341.369 χ^2/NDF : 14.1/12

In: -7507.057+/-5177.495 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2859.803+/-3341.369 χ^2/NDF : 14.1/12

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: 7587.448+/-3.093 χ^2/NDF : 313389.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

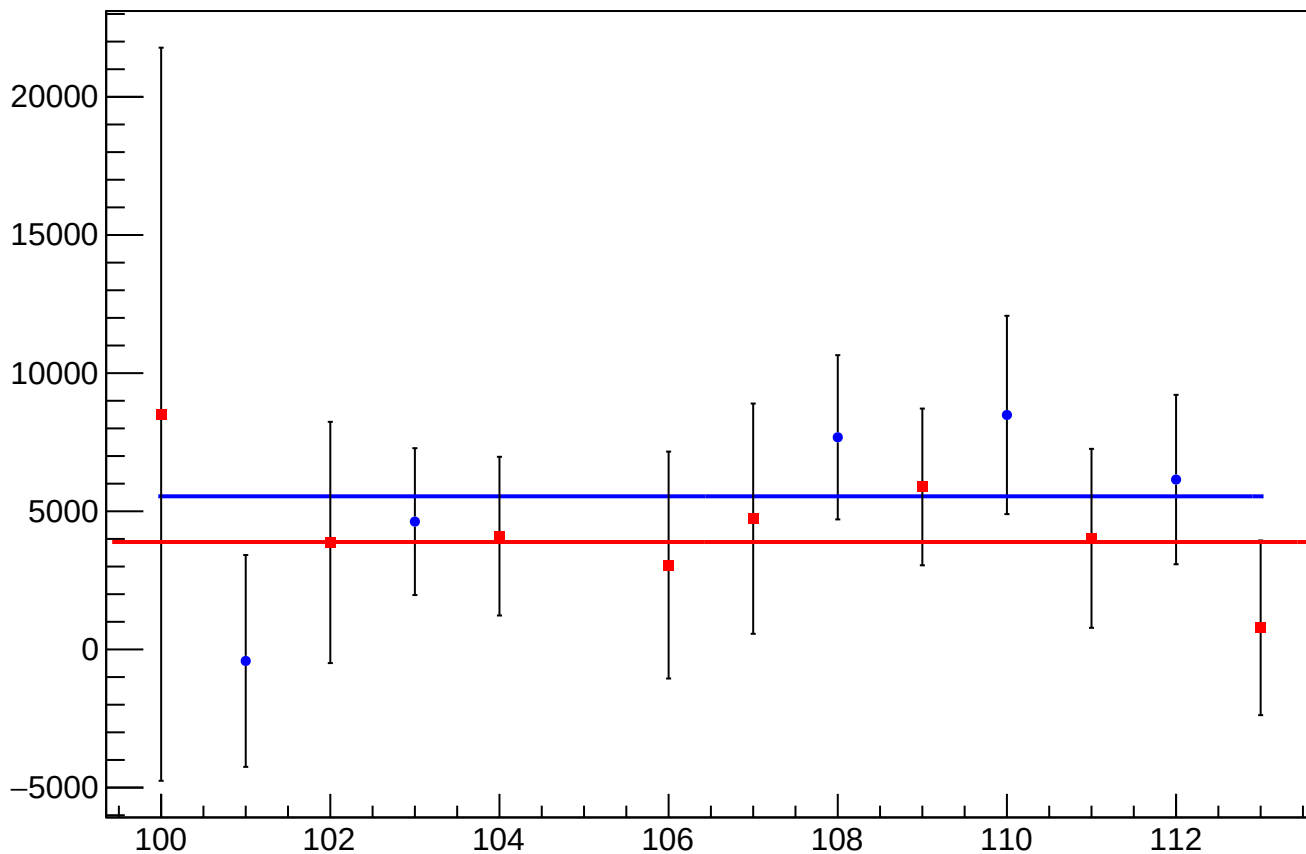
Right: 7804.721+/-2.363 χ^2/NDF : 468688.7/12

In: 8109.119+/-3.661 χ^2/NDF : 143451.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7804.721+/-2.363 χ^2/NDF : 468688.7/12

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: 3888.201+/-1274.078 χ^2/NDF : 1.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

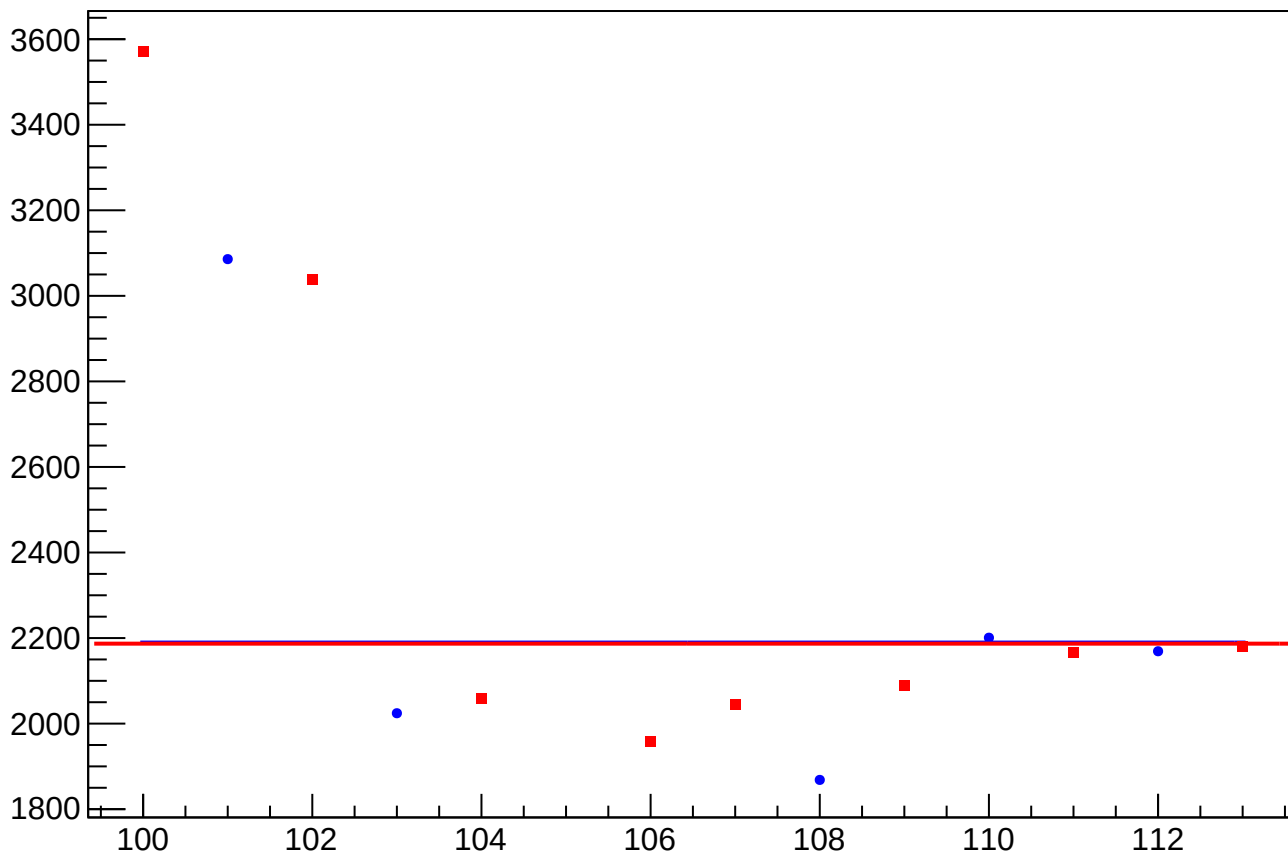
Right: 4634.834+/-943.710 χ^2/NDF : 6.2/12

In: 5542.375+/-1404.674 χ^2/NDF : 3.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4634.834+/-943.710 χ^2/NDF : 6.2/12

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: 2186.921+/-0.900 χ^2/NDF : 113188.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

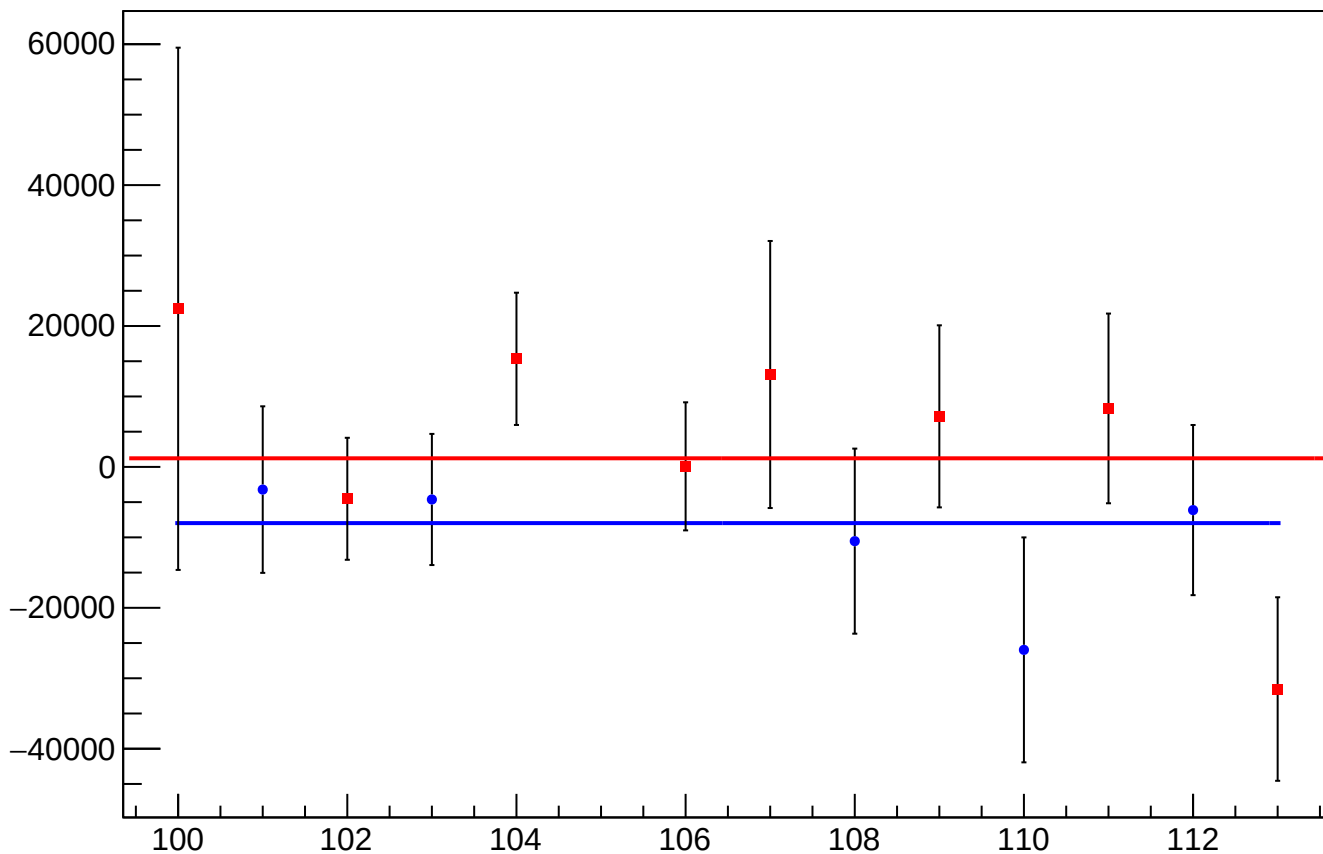
Right: 2188.060+/-0.667 χ^2/NDF : 253682.4/12

In: 2189.449+/-0.993 χ^2/NDF : 140490.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2188.060+/-0.667 χ^2/NDF : 253682.4/12

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: 1222.231+/-4162.735 χ^2/NDF : 10.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

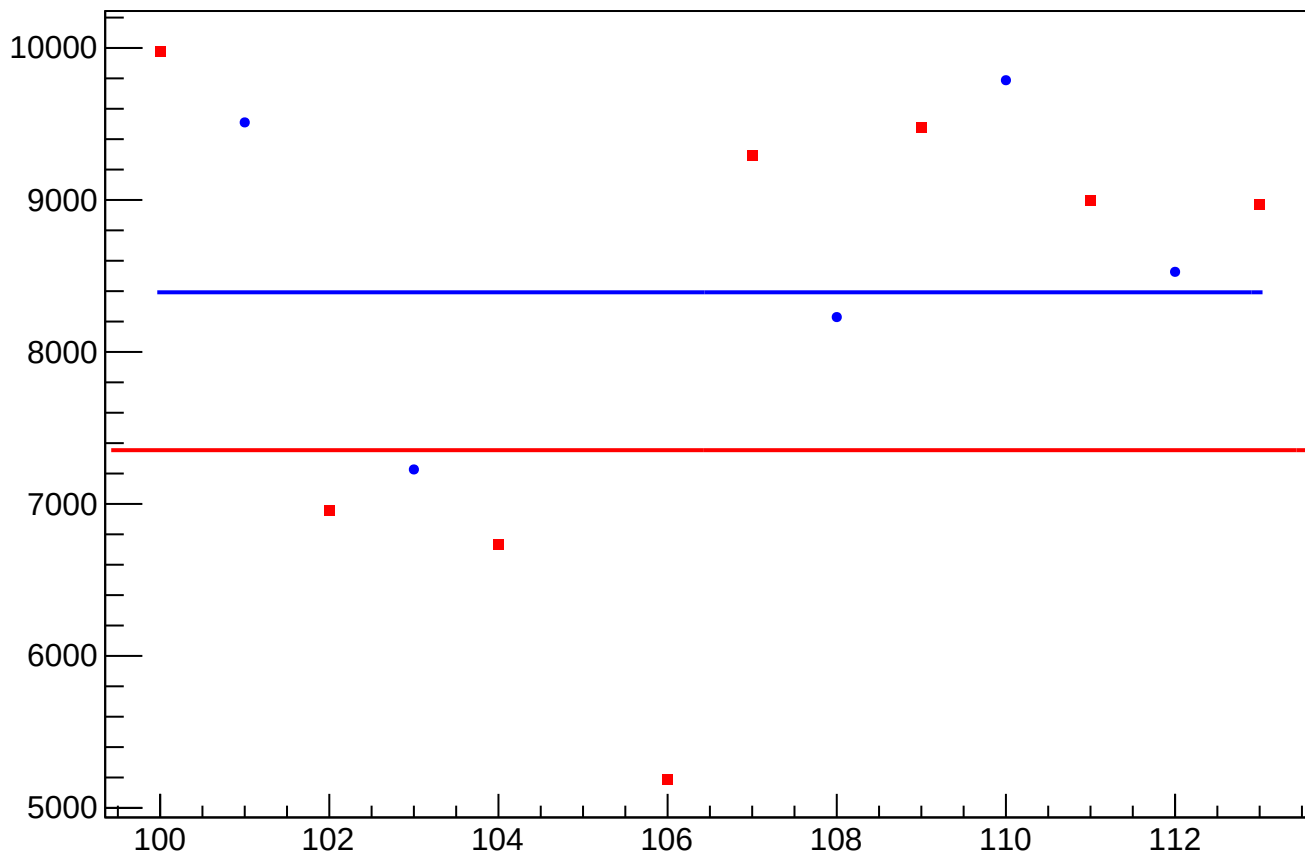
Right: -2267.462+/-3279.334 χ^2/NDF : 13.7/12

In: -7975.765+/-5324.008 χ^2/NDF : 1.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2267.462+/-3279.334 χ^2/NDF : 13.7/12

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: 7353.678+/-2.943 χ^2/NDF : 272080.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

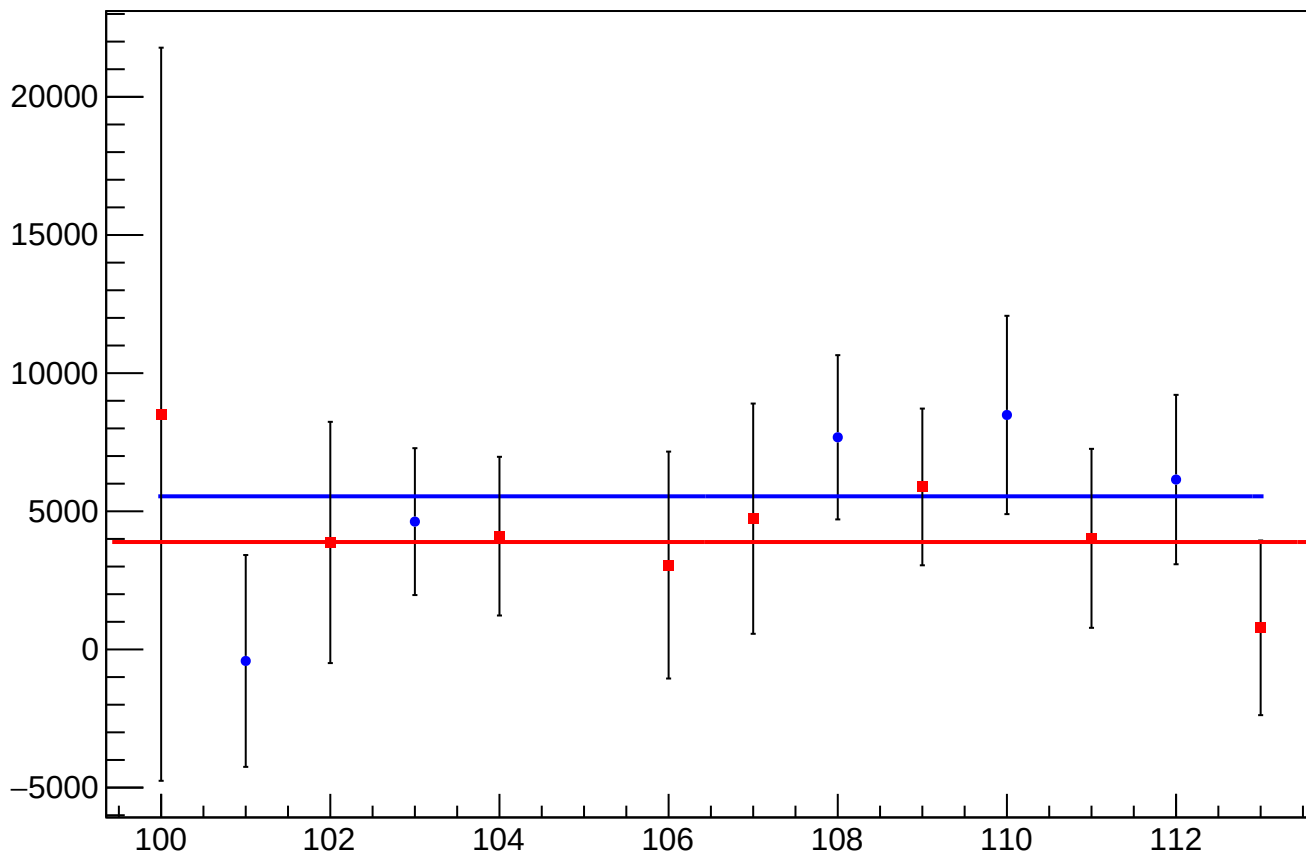
Right: 7747.778+/-2.319 χ^2/NDF : 384425.0/12

In: 8392.431+/-3.765 χ^2/NDF : 65095.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7747.778+/-2.319 χ^2/NDF : 384425.0/12

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: 3888.208+/-1274.078 χ^2/NDF : 1.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

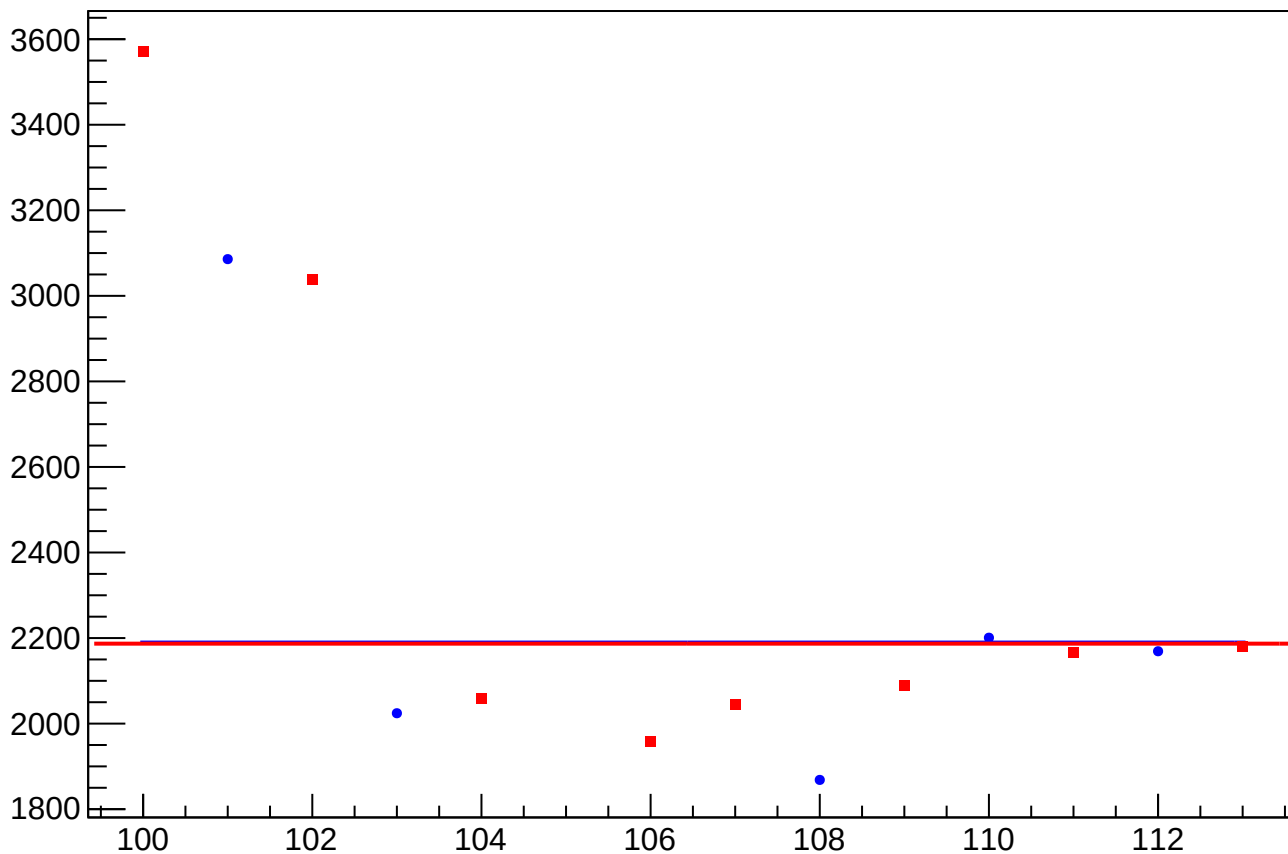
Right: 4634.842+/-943.710 χ^2/NDF : 6.2/12

In: 5542.386+/-1404.674 χ^2/NDF : 3.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4634.842+/-943.710 χ^2/NDF : 6.2/12

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: 2186.920+/-0.900 χ^2/NDF : 113188.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

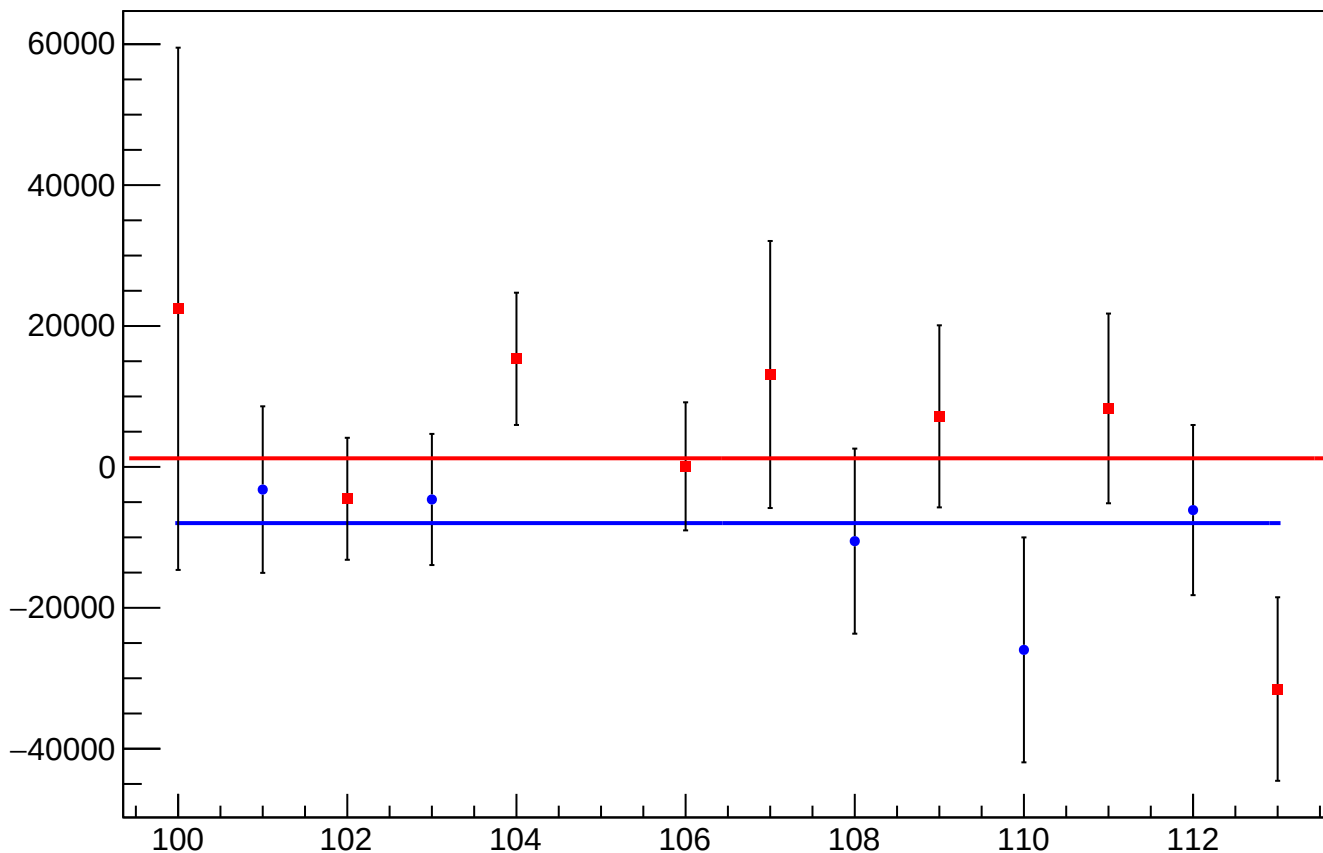
Right: 2188.060+/-0.667 χ^2/NDF : 253682.2/12

In: 2189.449+/-0.993 χ^2/NDF :140490.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2188.060+/-0.667 χ^2/NDF : 253682.2/12

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: 1222.236+/-4162.728 χ^2/NDF : 10.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

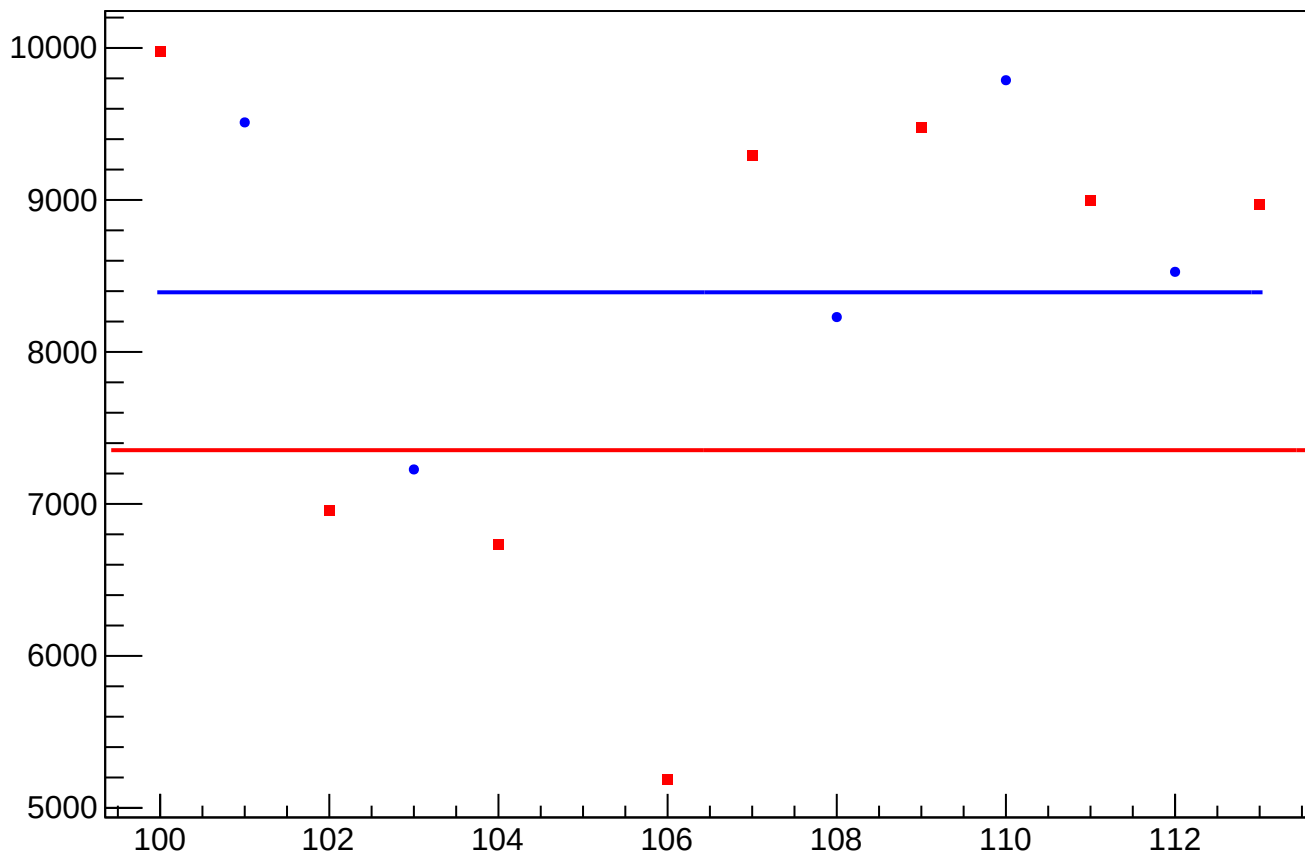
Right: -2267.456+/-3279.329 χ^2/NDF : 13.7/12

In: -7975.762+/-5324.001 χ^2/NDF : 1.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2267.456+/-3279.329 χ^2/NDF : 13.7/12

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: 7353.667+/-2.943 χ^2/NDF : 272079.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

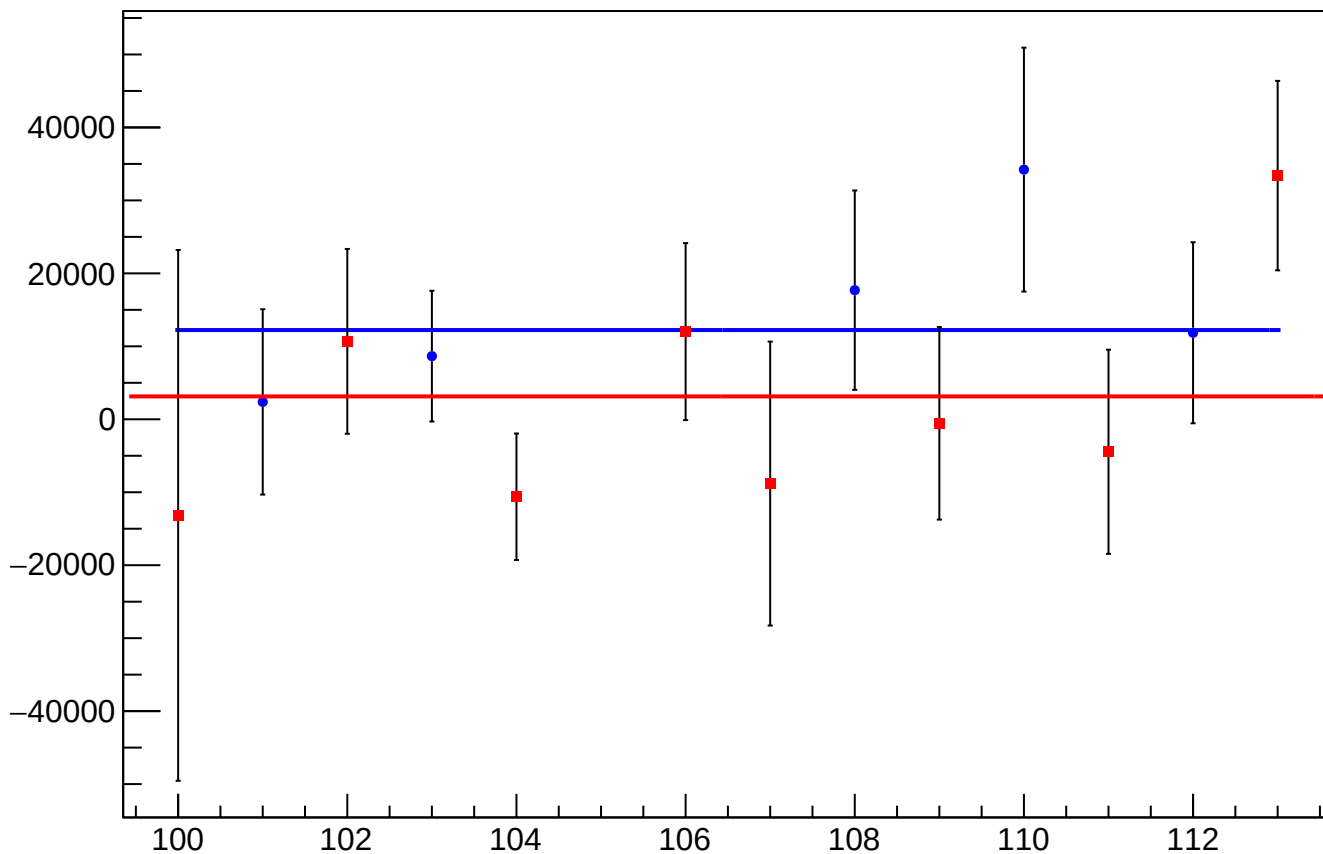
Right: 7747.766+/-2.319 χ^2/NDF : 384423.6/12

In: 8392.419+/-3.765 χ^2/NDF : 65095.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7747.766+/-2.319 χ^2/NDF : 384423.6/12

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: 3135.162+/-4636.349 χ^2/NDF : 9.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

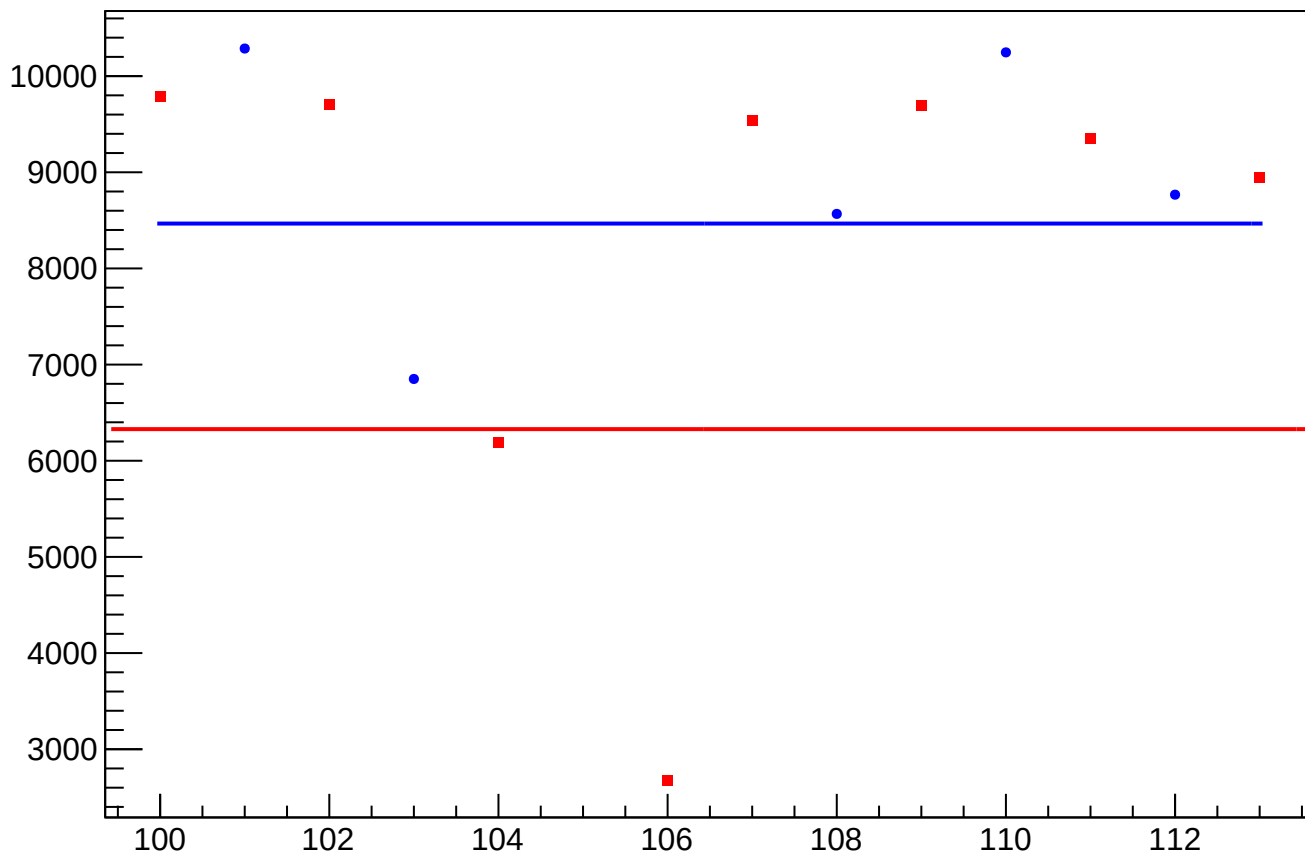
Right: 6981.327+/-3521.982 χ^2/NDF : 14.1/12

In: 12229.065+/-5415.621 χ^2/NDF : 2.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6981.327+/-3521.982 χ^2/NDF : 14.1/12

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: 6328.852+/-2.844 χ^2/NDF : 1109400.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

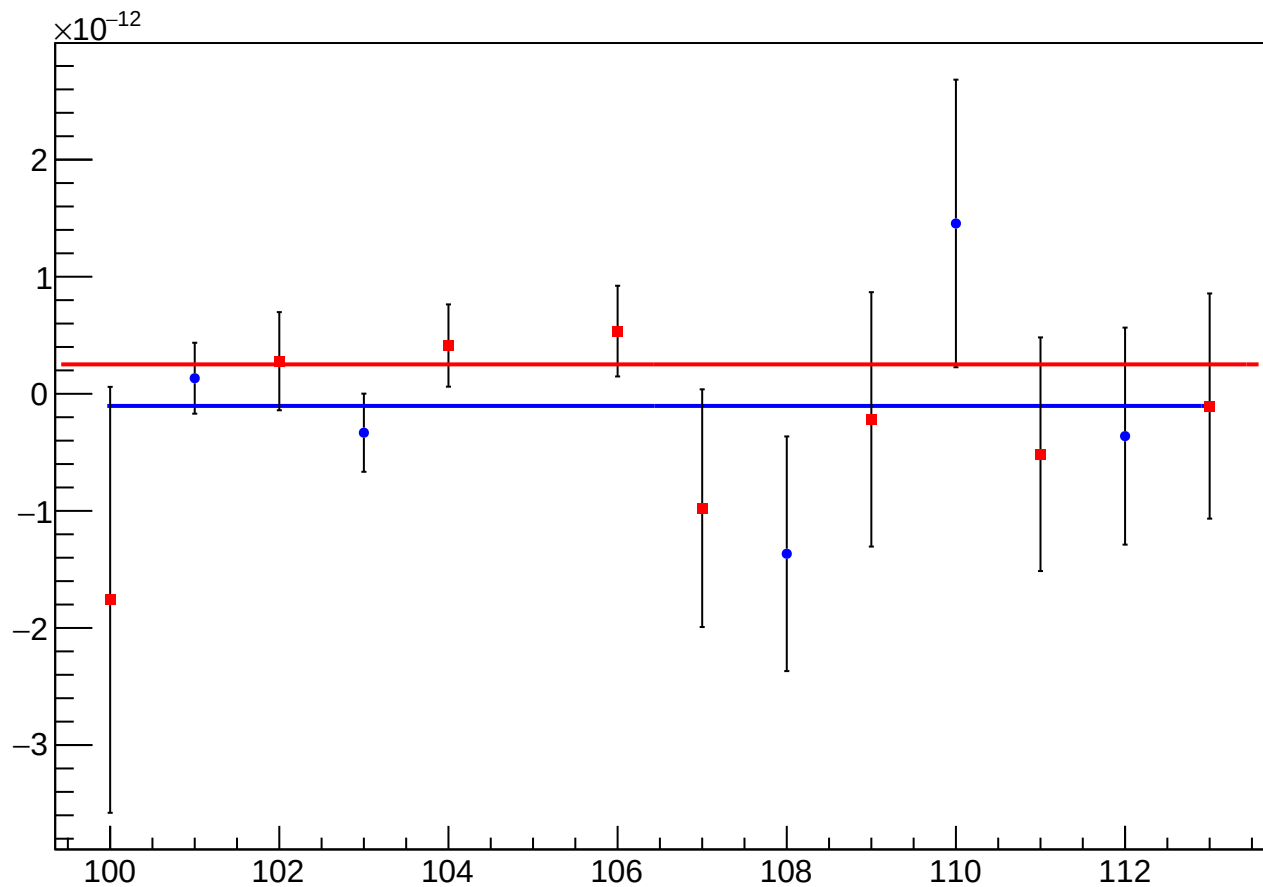
Right: 7089.006+/-2.283 χ^2/NDF : 1440412.1/12

In: 8466.634+/-3.829 χ^2/NDF : 130168.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7089.006+/-2.283 χ^2/NDF : 1440412.1/12

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 : 4.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

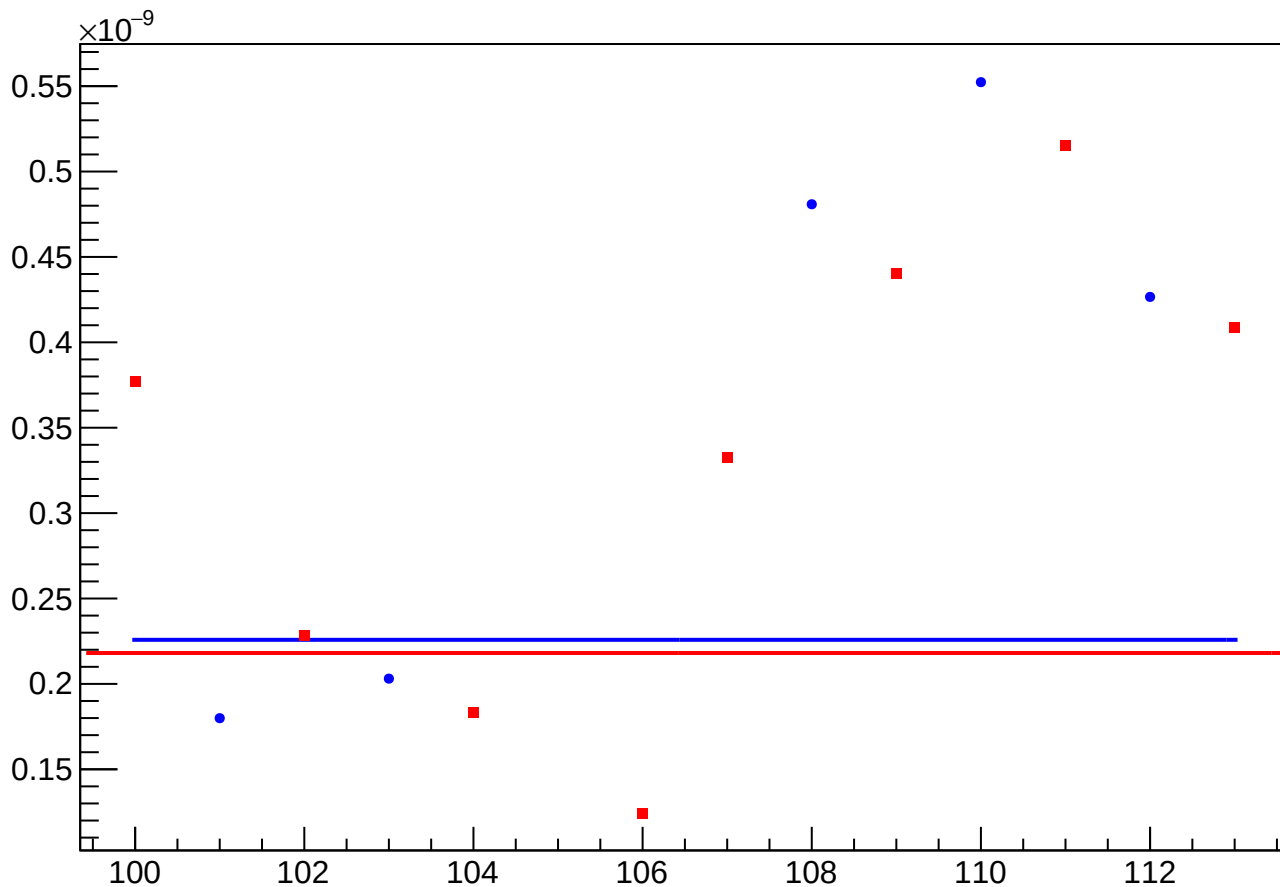
Right: 0.000+/-0.000 χ^2/NDF : 10.2/12

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 : 10.2/12

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 : 518609.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

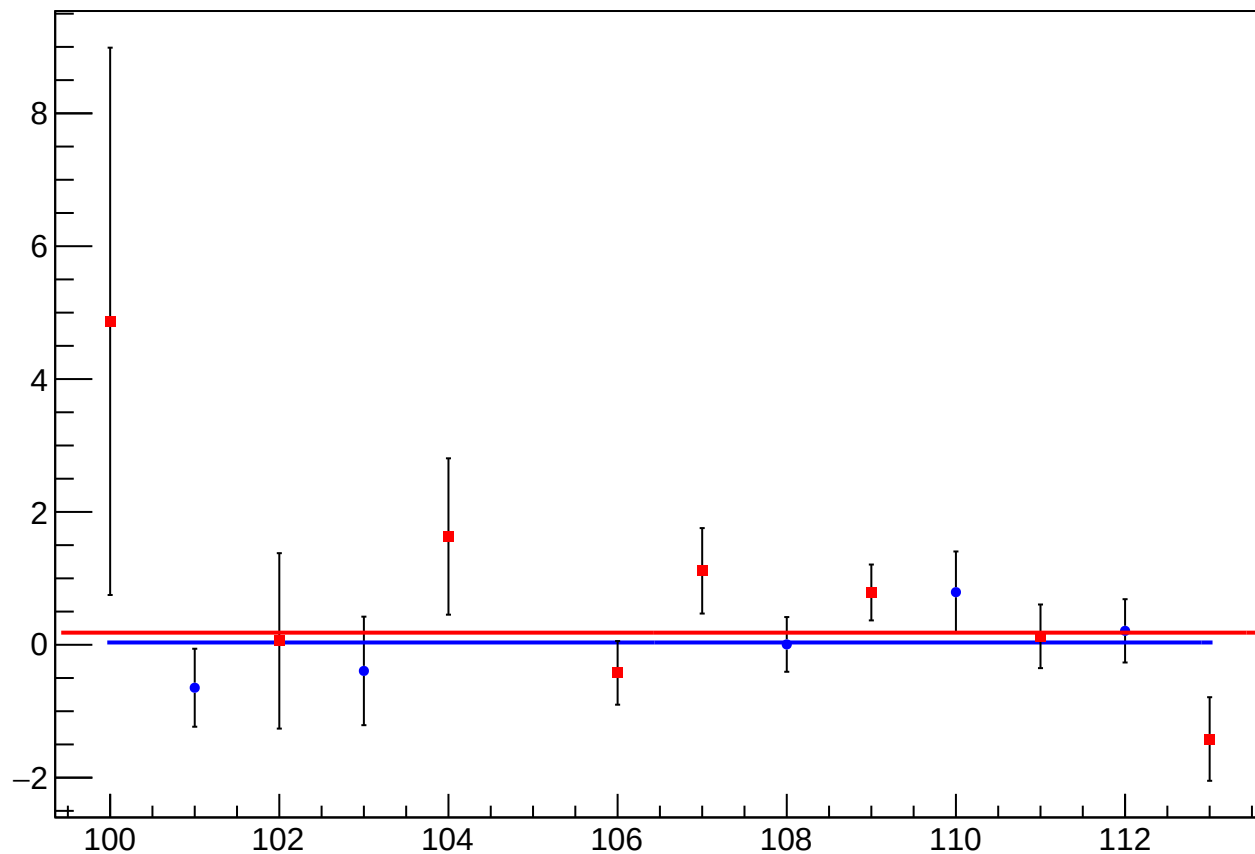
Right: 0.000+/-0.000 χ^2/NDF : 939924.8/12

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 : 939924.8/12

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: 0.183+/-0.220 χ^2/NDF : 15.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

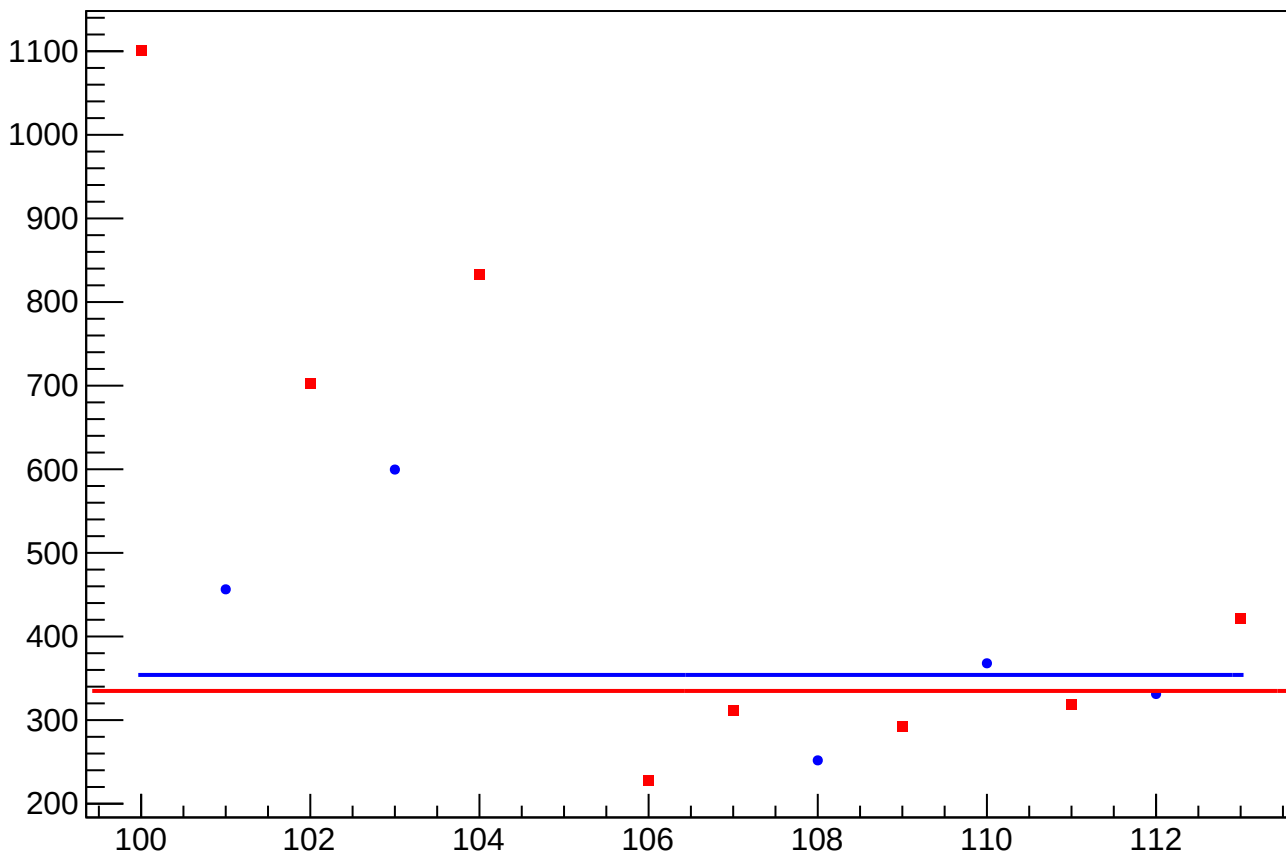
Right: 0.115+/-0.162 χ^2/NDF : 18.6/12

In: 0.035+/-0.240 χ^2/NDF : 3.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.115+/-0.162 χ^2/NDF : 18.6/12

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: 334.870+/-0.156 χ^2/NDF : 745943.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

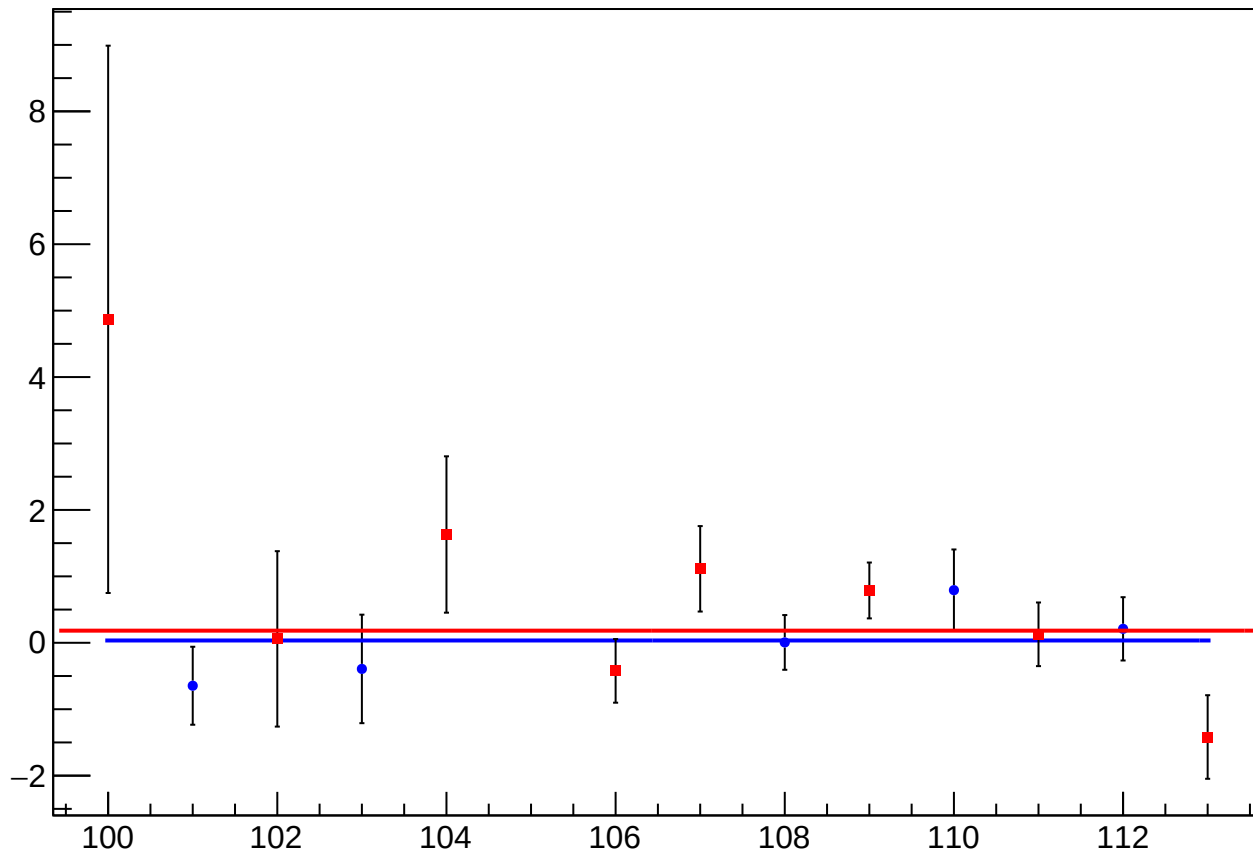
Right: 343.615+/-0.115 χ^2/NDF : 1123311.7/12

In: 354.024+/-0.170 χ^2/NDF : 370444.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 343.615+/-0.115 χ^2/NDF : 1123311.7/12

asym_us_avg_at2lr_avg_avg_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: 0.183 $\pm$ 0.220 χ^2 /NDF: 15.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

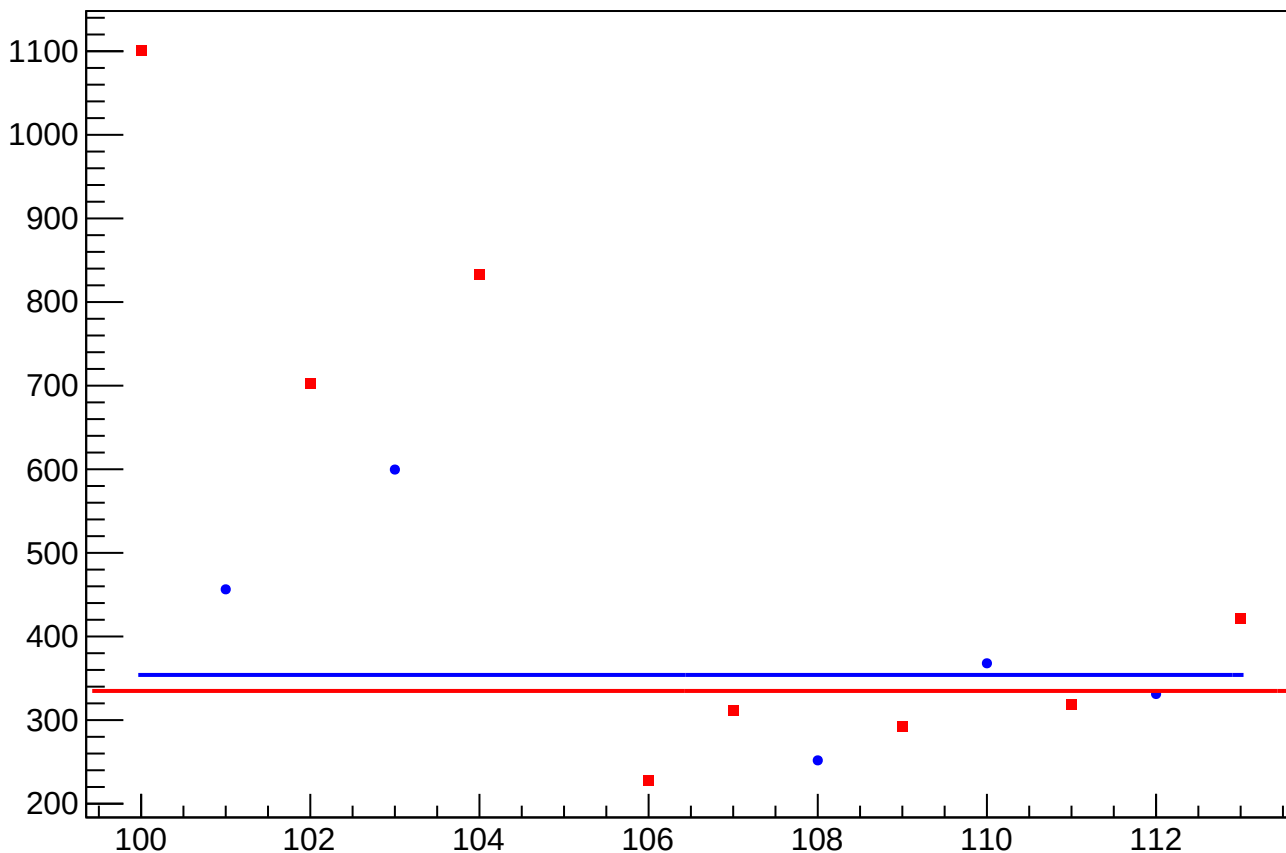
Right: 0.115 $\pm$ 0.162 χ^2 /NDF: 18.6/12

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: 0.115 $\pm$ 0.162 χ^2 /NDF: 18.6/12

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_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: 334.870+/-0.156 χ^2/NDF : 745943.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

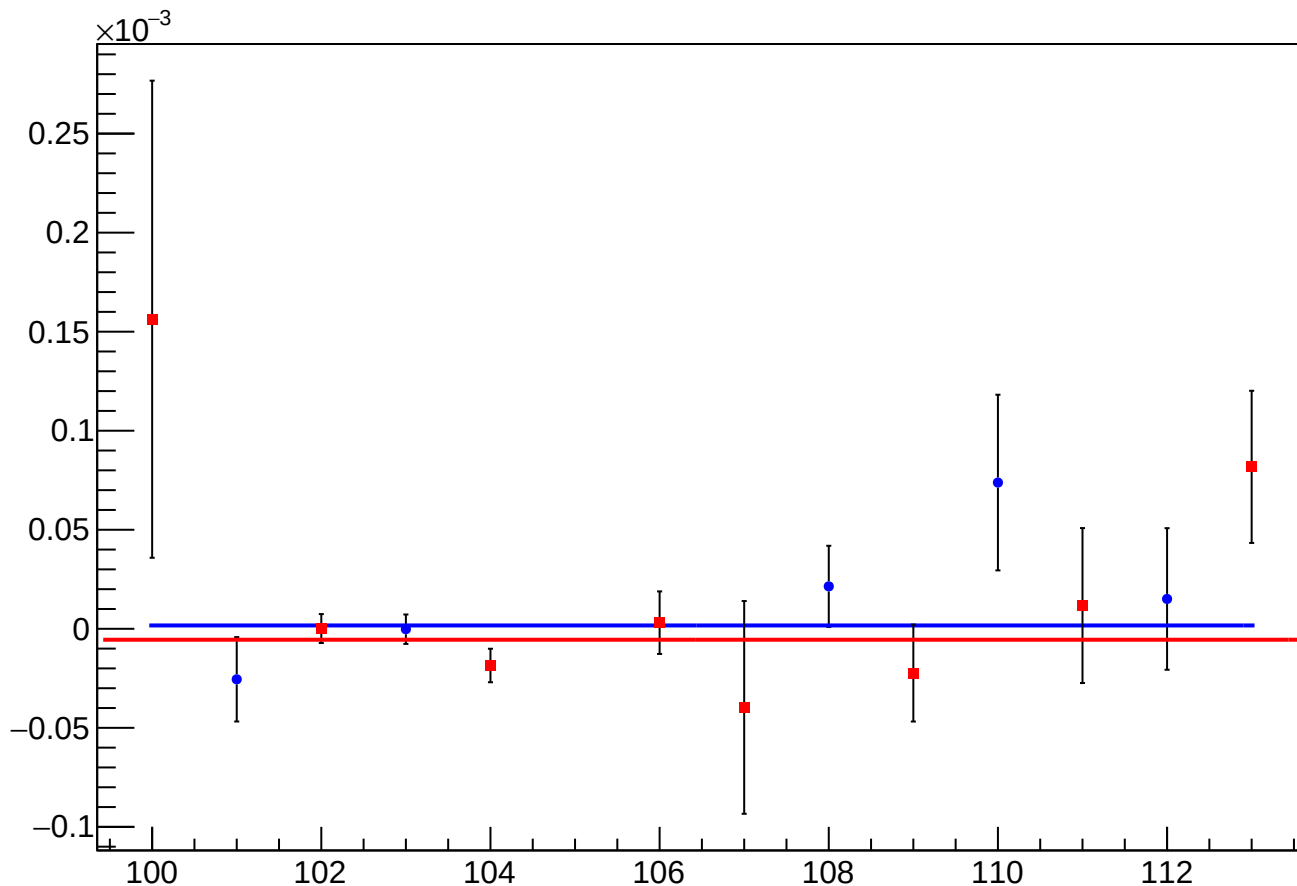
Right: 343.615+/-0.115 χ^2/NDF : 1123311.7/12

In: 354.024+/-0.170 χ^2/NDF : 370444.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 343.615+/-0.115 χ^2/NDF : 1123311.7/12

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 : 11.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

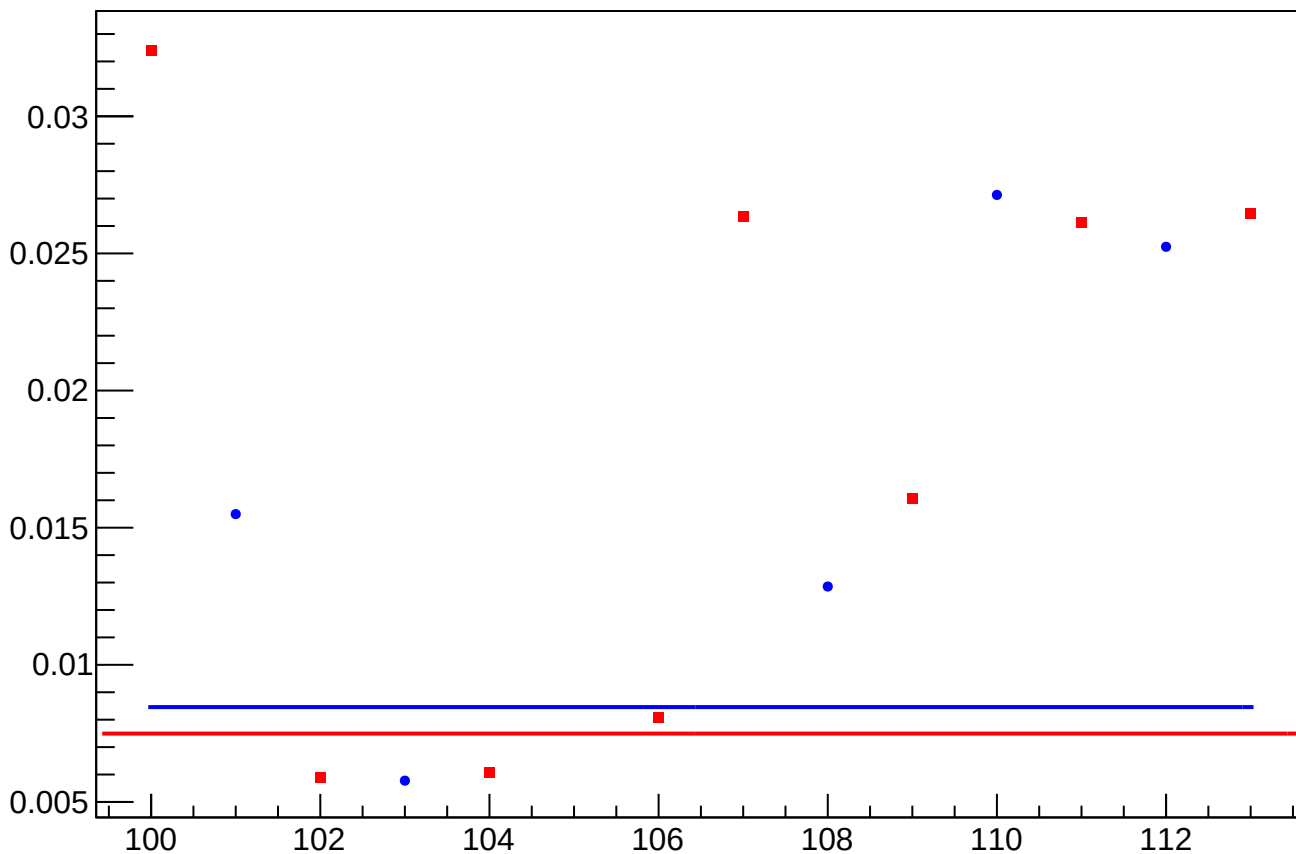
Right: -0.000+/-0.000 χ^2/NDF : 17.5/12

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 : 17.5/12

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 : 1672144.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

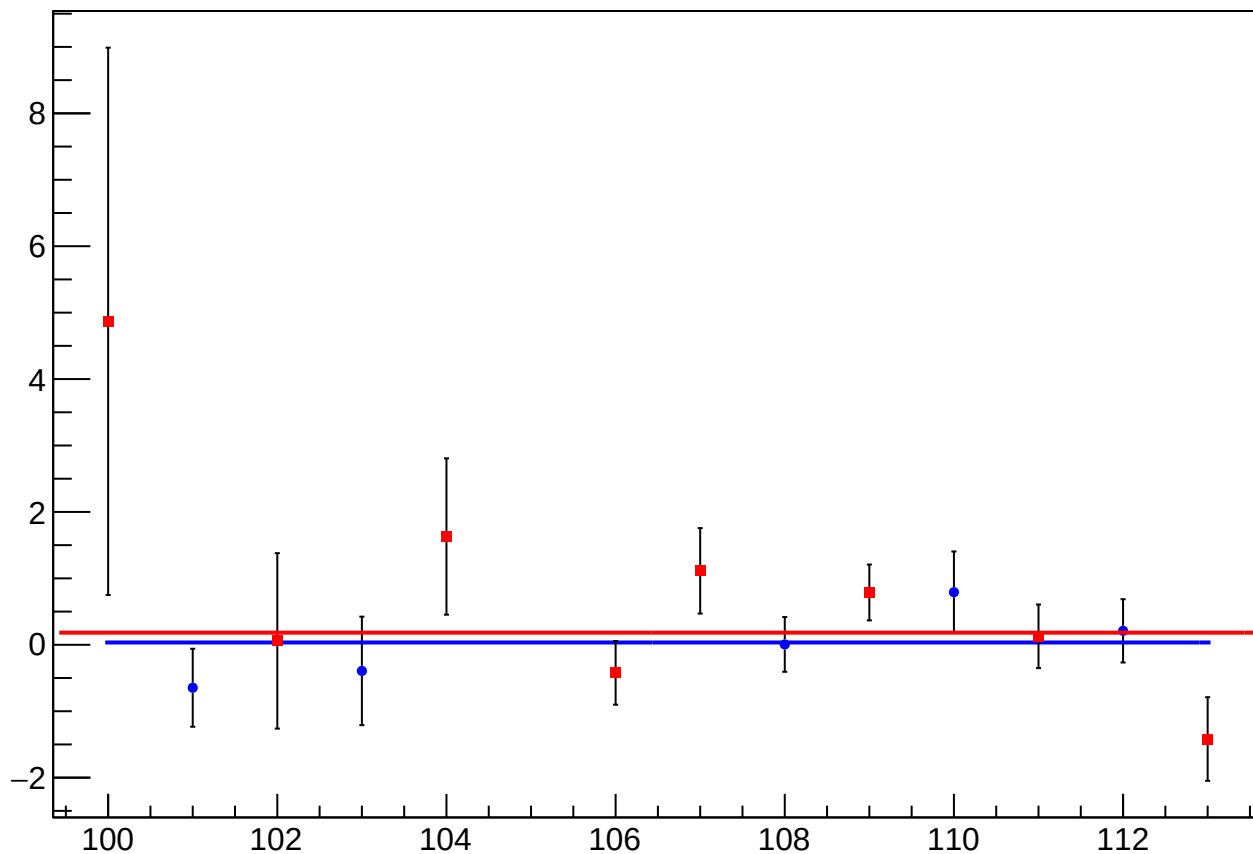
Right: 0.008+/-0.000 χ^2/NDF : 3066871.6/12

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 : 3066871.6/12

asym_us_avg_at2lr_avg_avg_eigen_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: 0.183+/-0.220 χ^2/NDF : 15.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

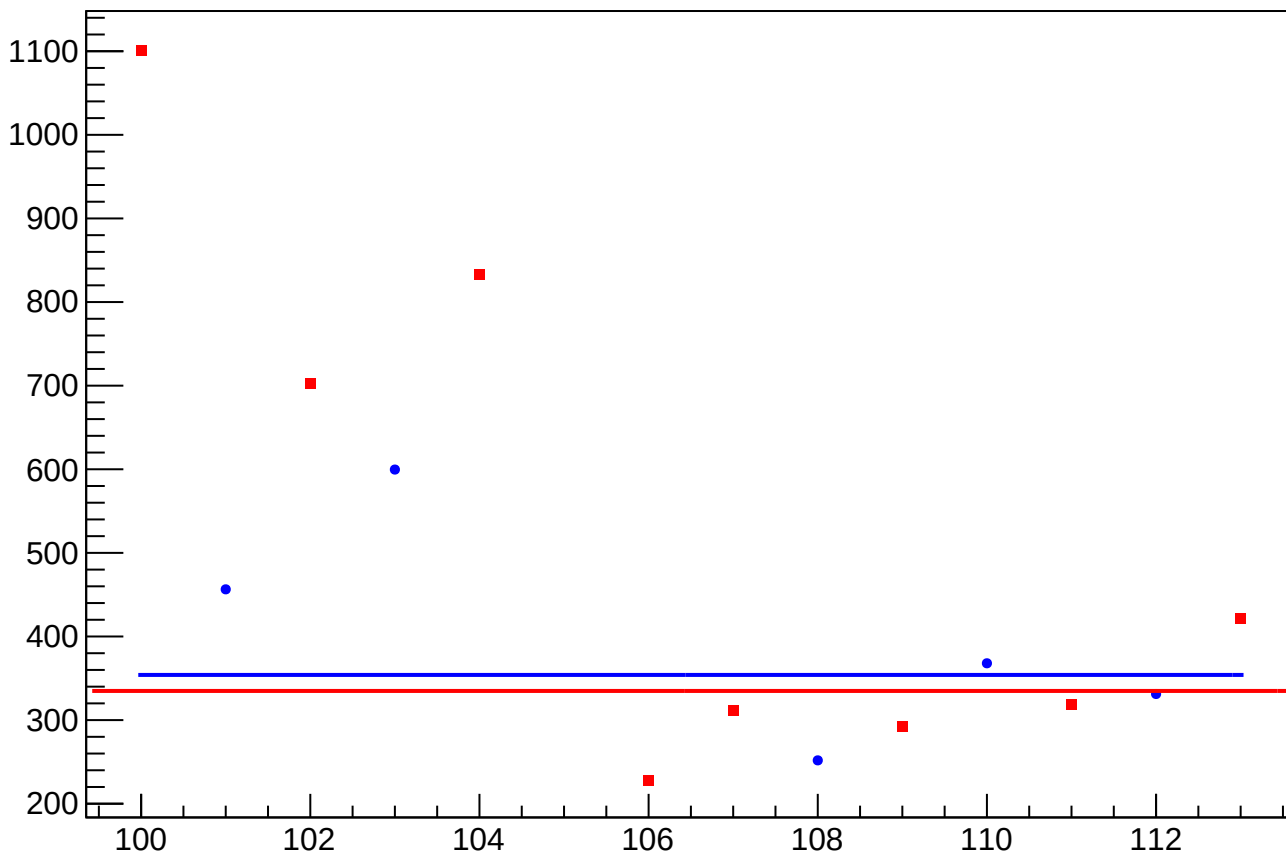
Right: 0.115+/-0.162 χ^2/NDF : 18.6/12

In: 0.035+/-0.240 χ^2/NDF : 3.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.115+/-0.162 χ^2/NDF : 18.6/12

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: 334.872+/-0.156 χ^2/NDF : 745929.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

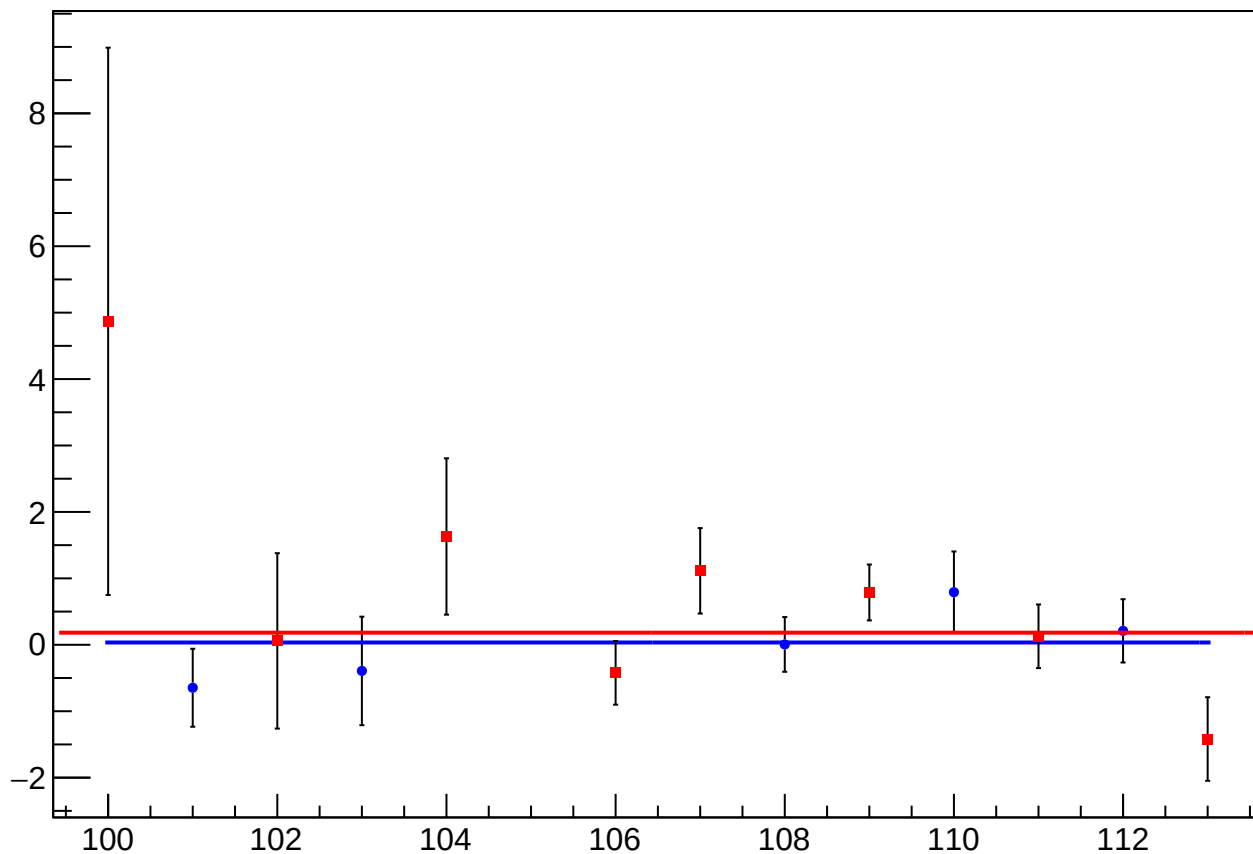
Right: 343.618+/-0.115 χ^2/NDF : 1123278.1/12

In: 354.029+/-0.170 χ^2/NDF : 370421.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 343.618+/-0.115 χ^2/NDF : 1123278.1/12

asym_us_avg_at2lr_avg_avg_eigen_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: 0.183+/-0.220 χ^2/NDF : 15.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

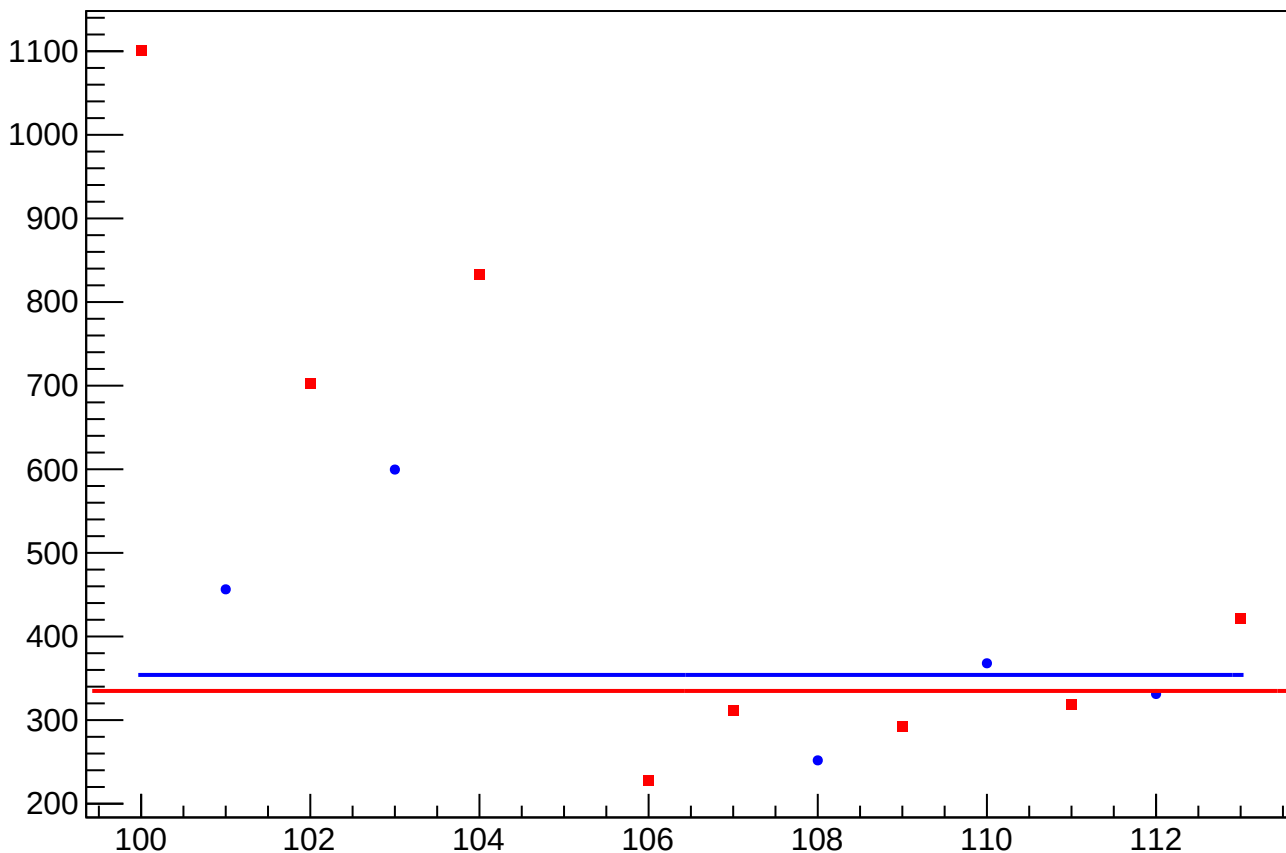
Right: 0.115+/-0.162 χ^2/NDF : 18.6/12

In: 0.035+/-0.240 χ^2/NDF : 3.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.115+/-0.162 χ^2/NDF : 18.6/12

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: 334.872+/-0.156 χ^2/NDF : 745929.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

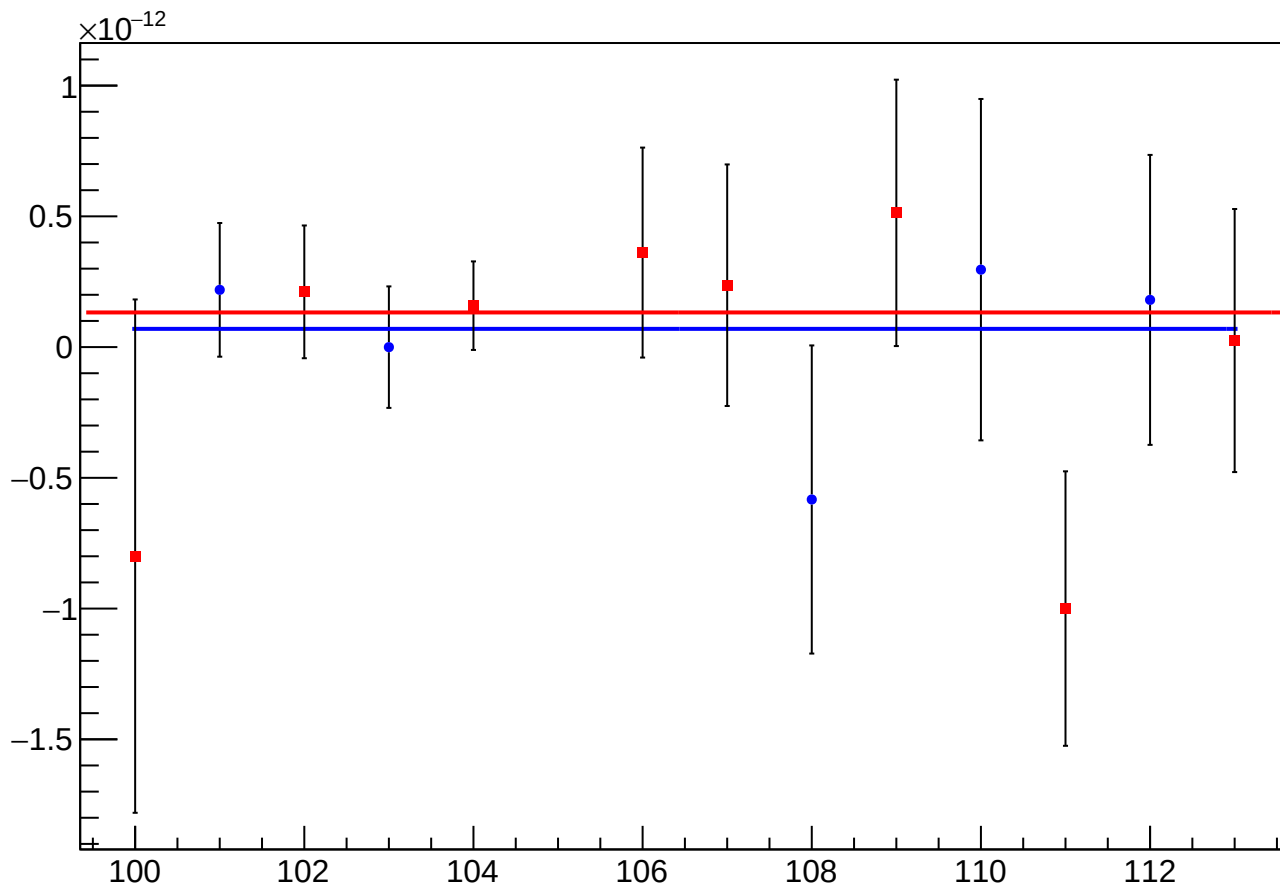
Right: 343.618+/-0.115 χ^2/NDF : 1123278.1/12

In: 354.029+/-0.170 χ^2/NDF : 370421.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 343.618+/-0.115 χ^2/NDF : 1123278.1/12

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 : 6.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

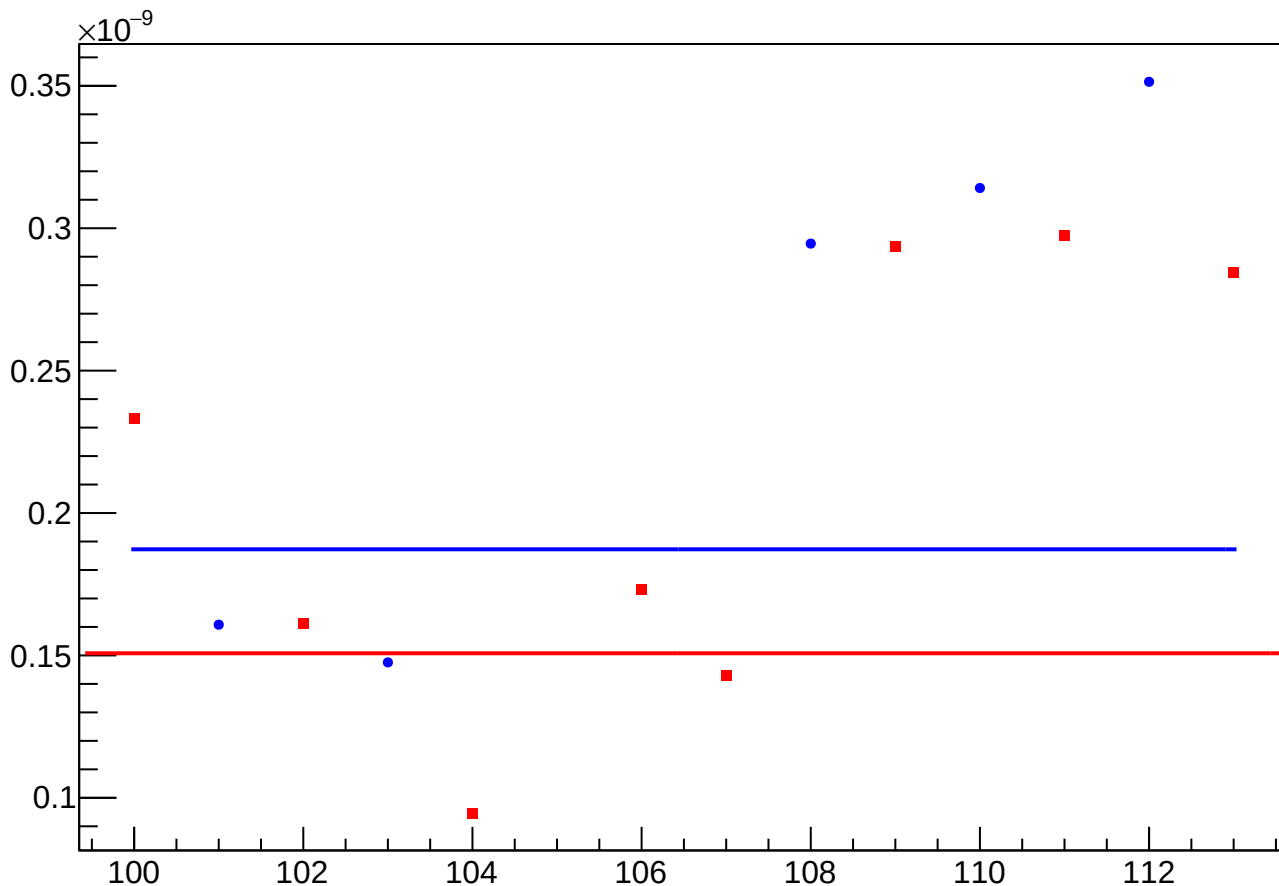
Right: 0.000+/-0.000 χ^2/NDF : 8.6/12

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 : 8.6/12

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 : 699677.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

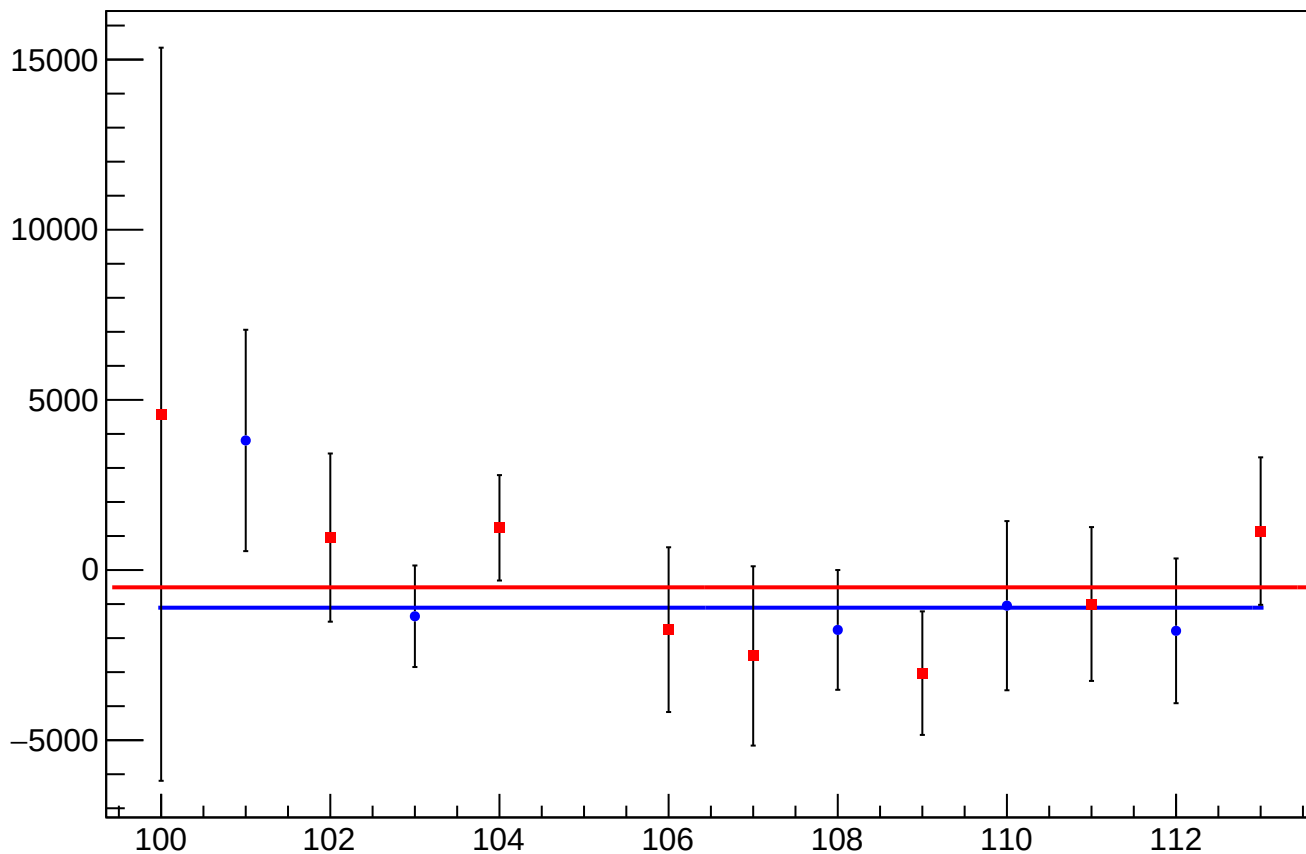
Right: 0.000+/-0.000 χ^2/NDF : 1168468.2/12

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 : 1168468.2/12

reg_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1106.310 $\pm$ 894.567 χ^2 /NDF: 2.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -507.779 $\pm$ 786.595 χ^2 /NDF: 5.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

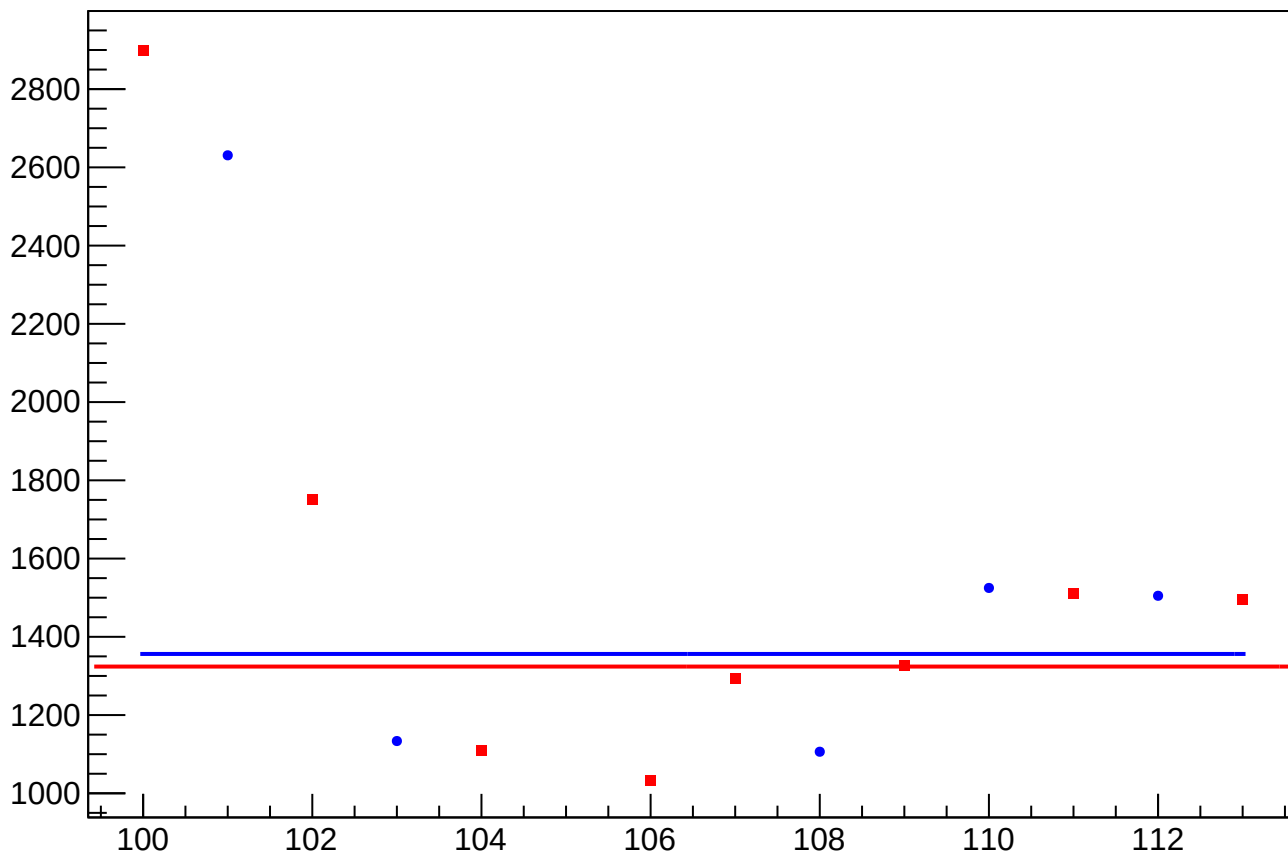
Right: -768.762 $\pm$ 590.712 χ^2 /NDF: 8.1/12

In: -1106.310 $\pm$ 894.567 χ^2 /NDF:2.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -768.762 $\pm$ 590.712 χ^2 /NDF: 8.1/12

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: 1323.974+/-0.548 χ^2/NDF : 204383.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

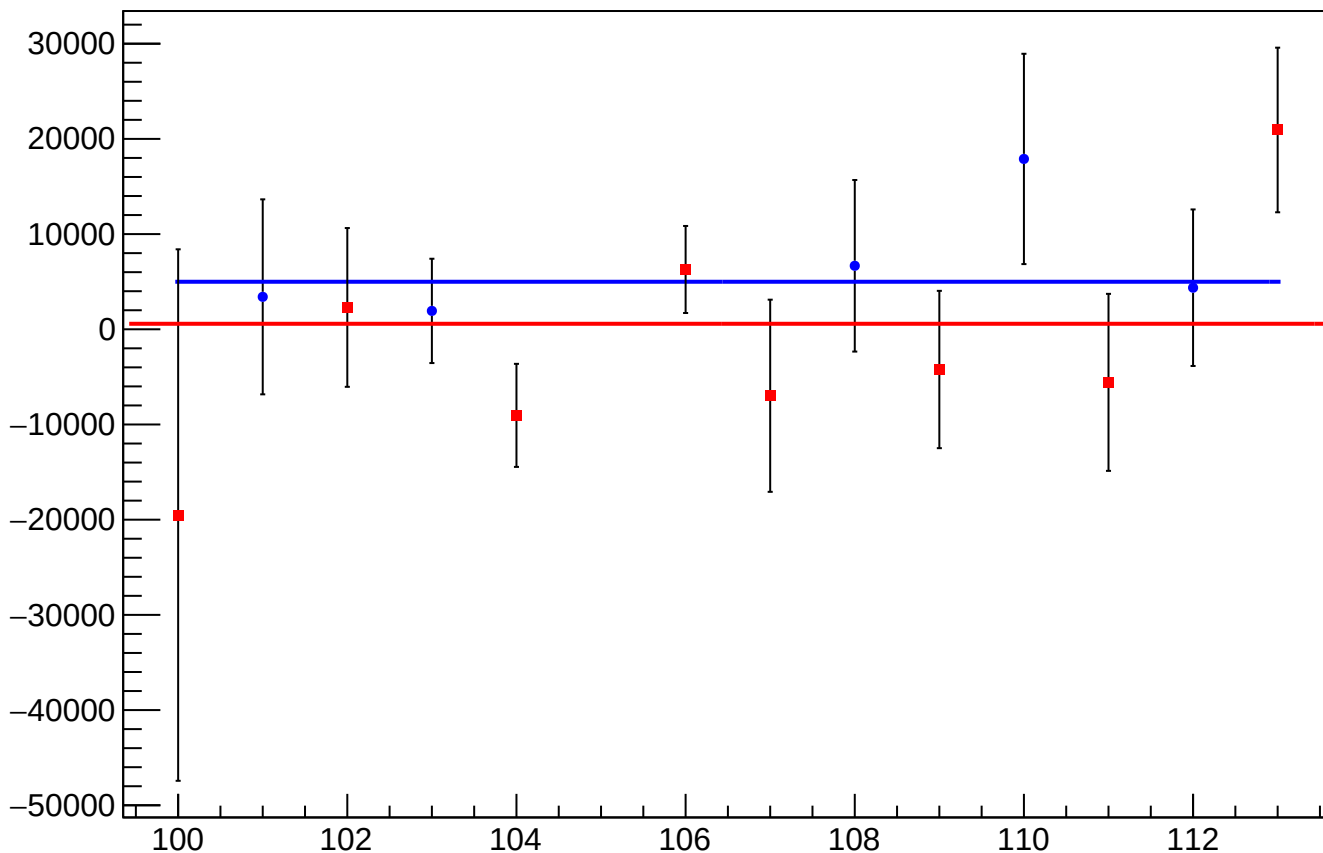
Right: 1337.784+/-0.414 χ^2/NDF : 616891.6/12

In: 1356.195+/-0.633 χ^2/NDF :411025.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1337.784+/-0.414 χ^2/NDF : 616891.6/12

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: 578.775+/-2607.733 χ^2 /NDF: 12.2/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

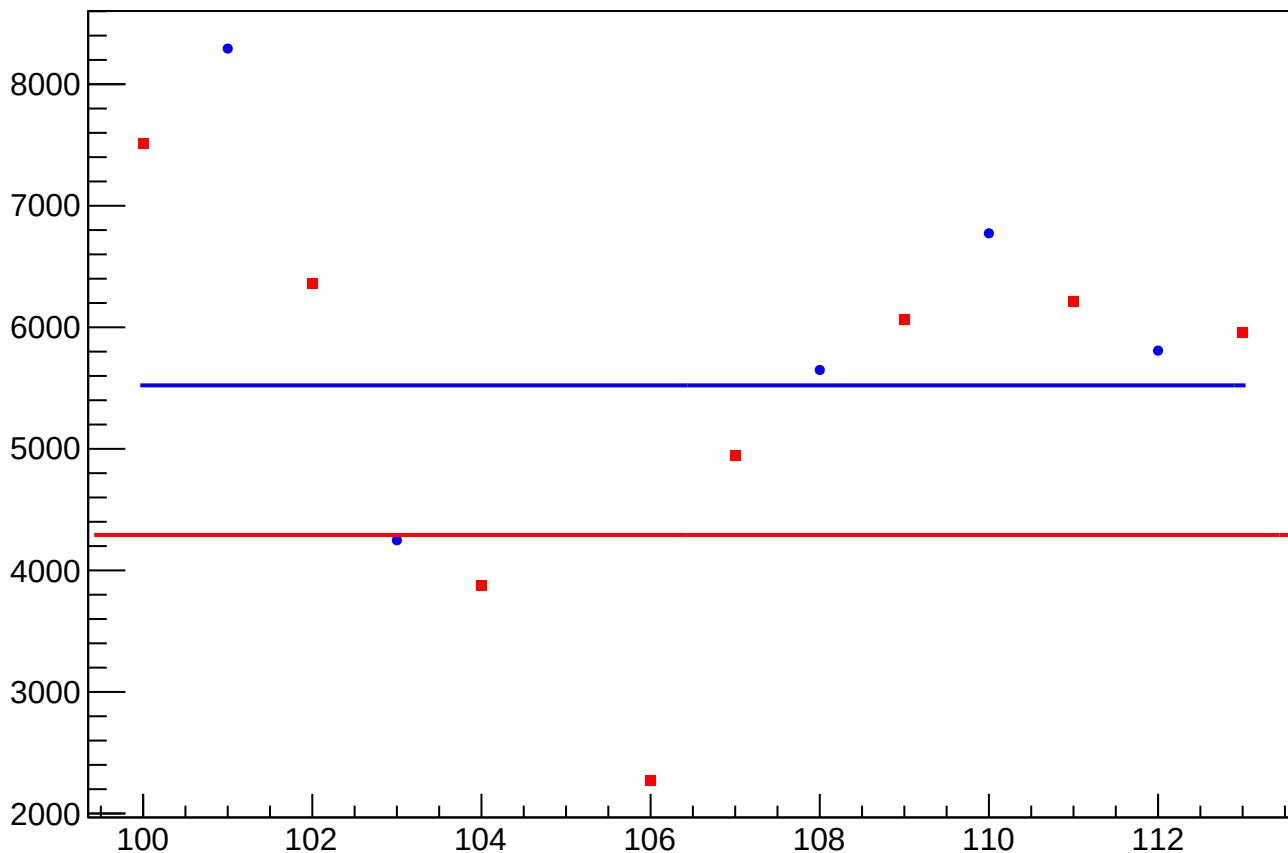
Right: 2110.808+/-2107.217 χ^2 /NDF: 14.9/12

In: 4993.453+/-3577.048 χ^2 /NDF:1.7/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2110.808+/-2107.217 χ^2 /NDF: 14.9/12

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: 4291.597+/-1.844 χ^2/NDF : 810958.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

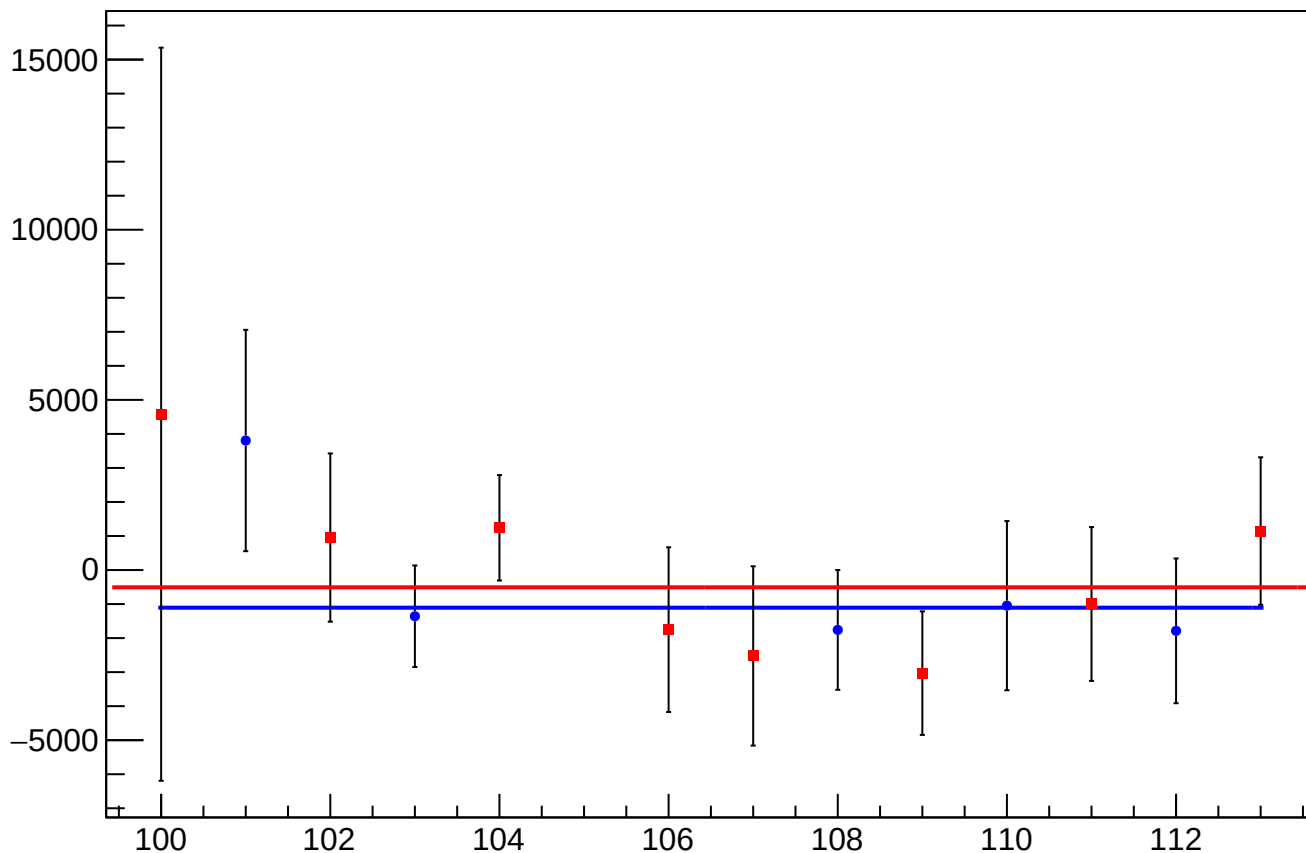
Right: 4718.712+/-1.490 χ^2/NDF : 1248637.5/12

In: 5522.364+/-2.529 χ^2/NDF : 283073.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4718.712+/-1.490 χ^2/NDF : 1248637.5/12

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: -507.479+/-786.595 χ^2/NDF : 5.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

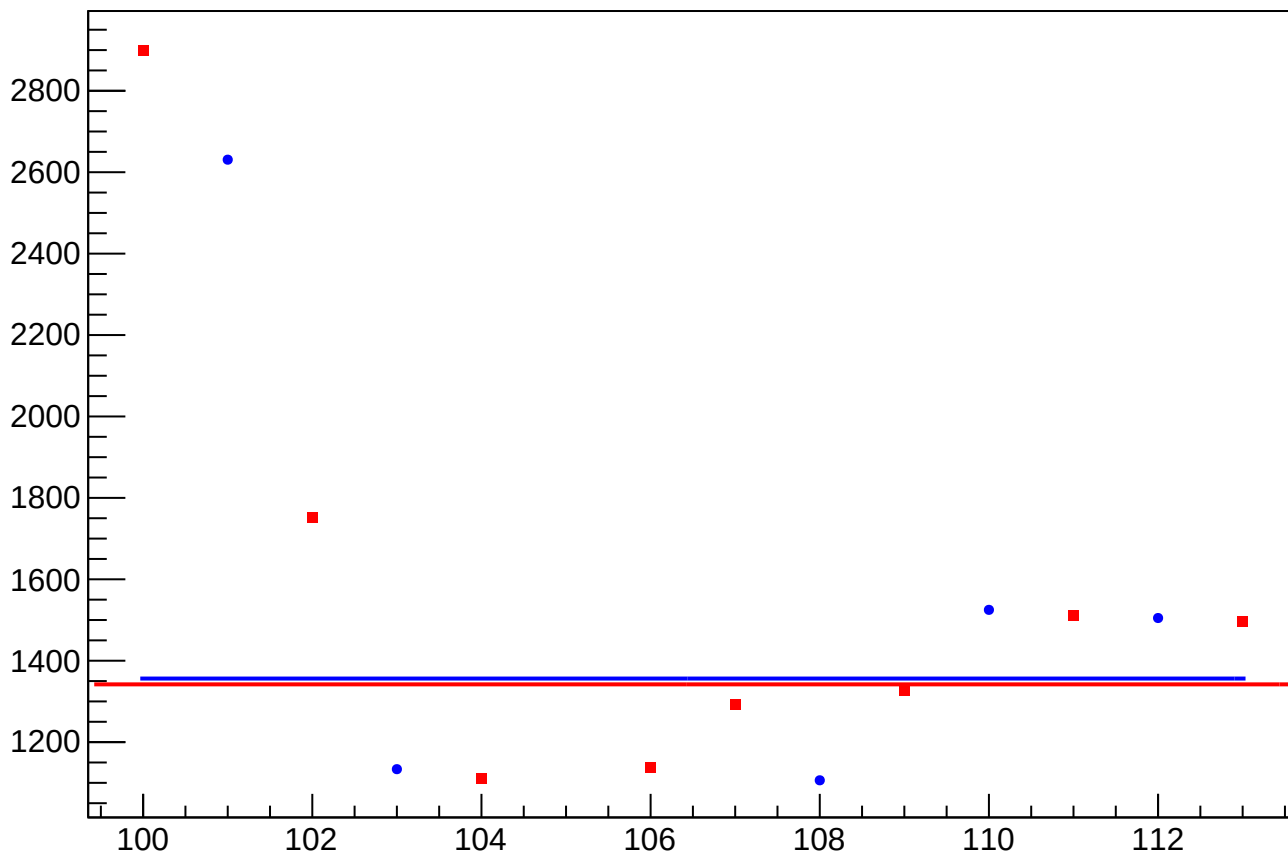
Right: -768.628+/-590.712 χ^2/NDF : 8.1/12

In: -1106.391+/-894.567 χ^2/NDF : 2.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -768.628+/-590.712 χ^2/NDF : 8.1/12

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: 1341.914+/-0.554 χ^2/NDF : 179127.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

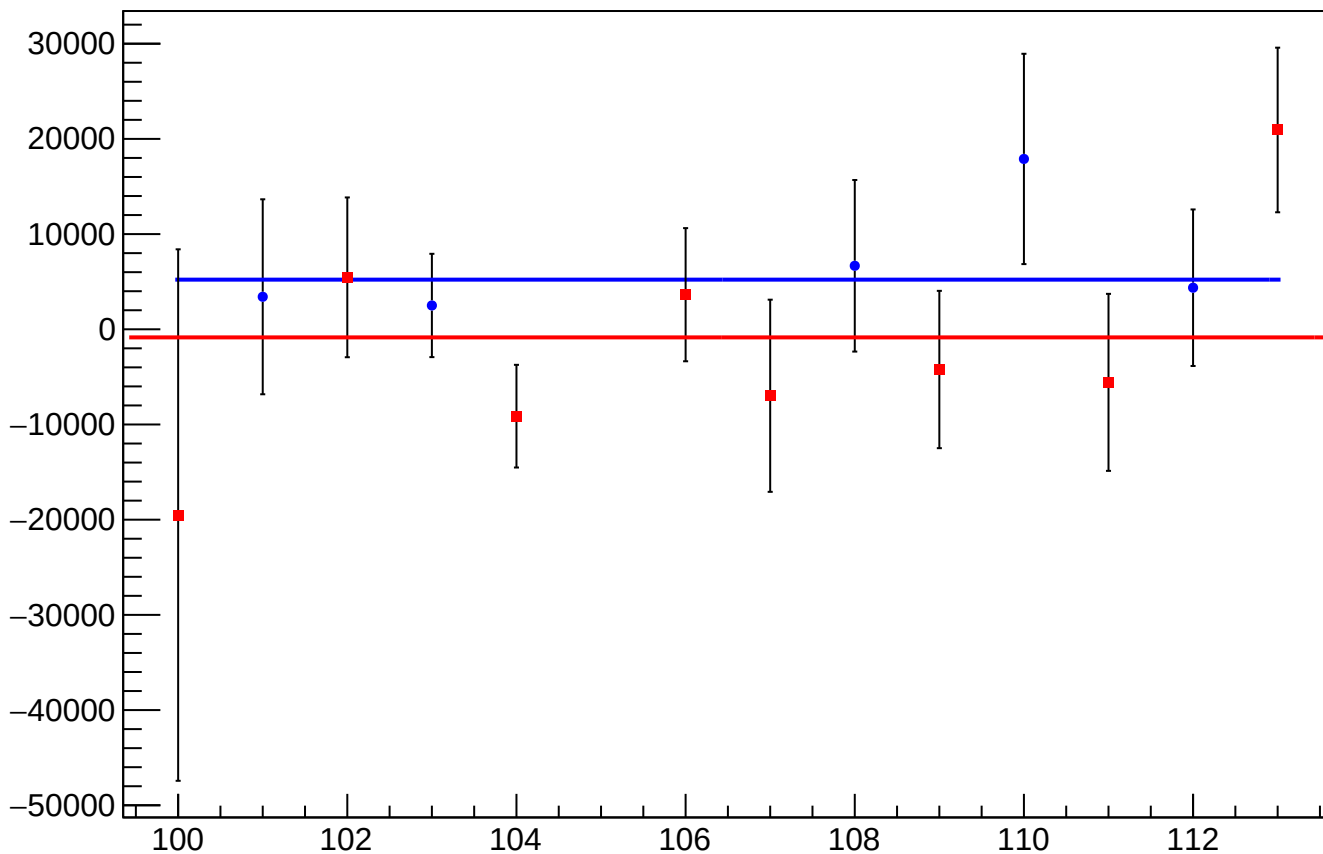
Right: 1348.108+/-0.417 χ^2/NDF : 590441.3/12

In: 1356.195+/-0.633 χ^2/NDF : 411025.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1348.108+/-0.417 χ^2/NDF : 590441.3/12

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: -850.557+/-2890.305 χ^2/NDF : 10.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

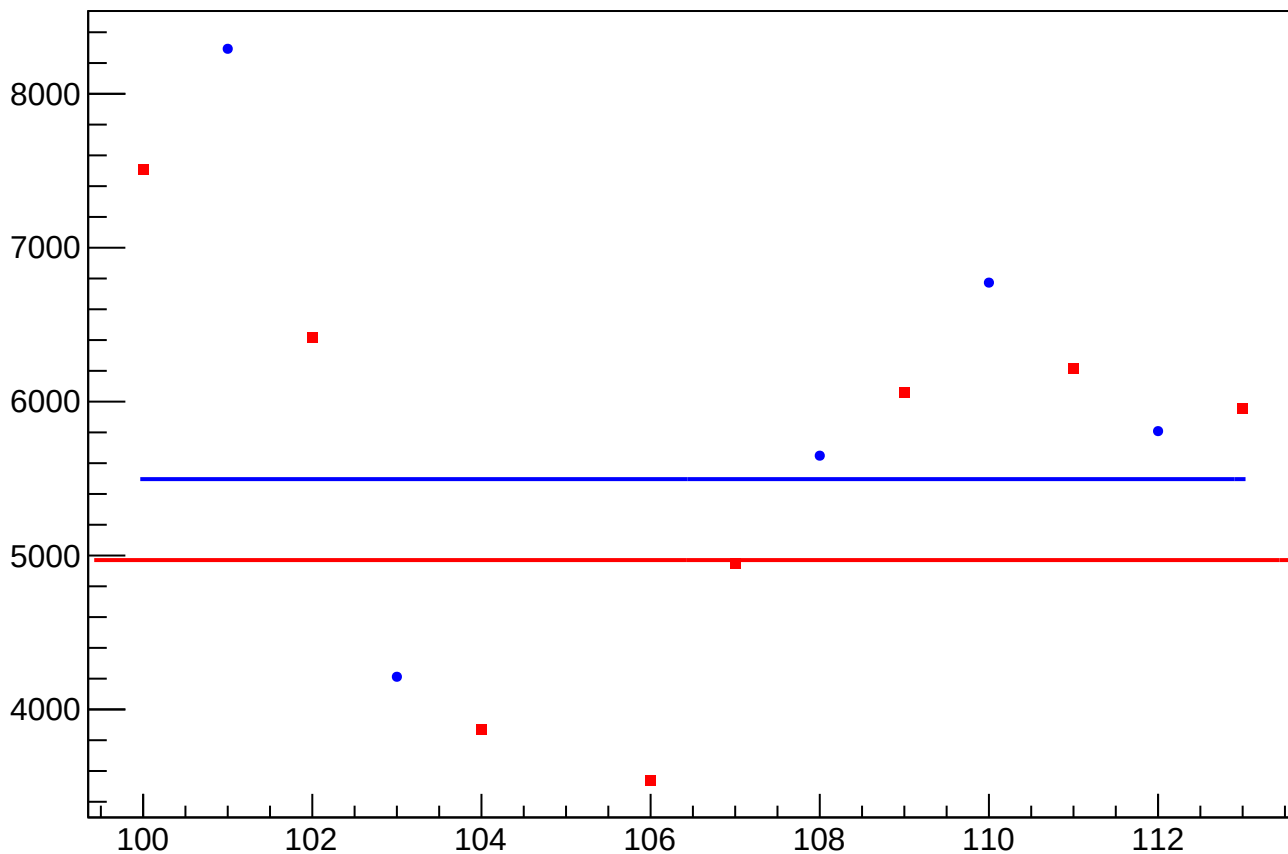
Right: 1557.363+/-2244.465 χ^2/NDF : 14.3/12

In: 5215.173+/-3562.323 χ^2/NDF : 1.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1557.363+/-2244.465 χ^2/NDF : 14.3/12

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: 4970.430+/-2.044 χ^2/NDF : 339762.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

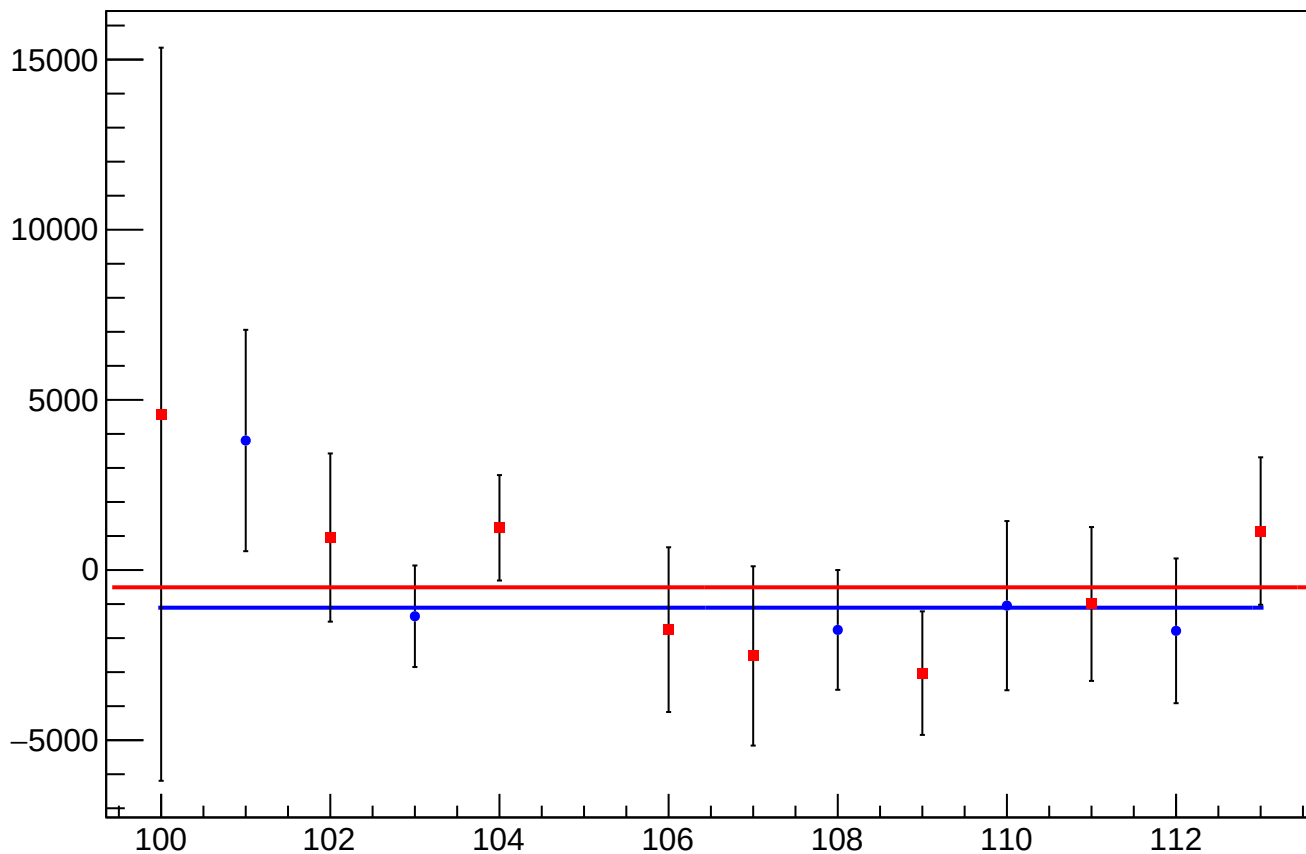
Right: 5179.252+/-1.587 χ^2/NDF : 657343.5/12

In: 5496.467+/-2.519 χ^2/NDF : 291282.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5179.252+/-1.587 χ^2/NDF : 657343.5/12

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: -507.479+/-786.595 χ^2/NDF : 5.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

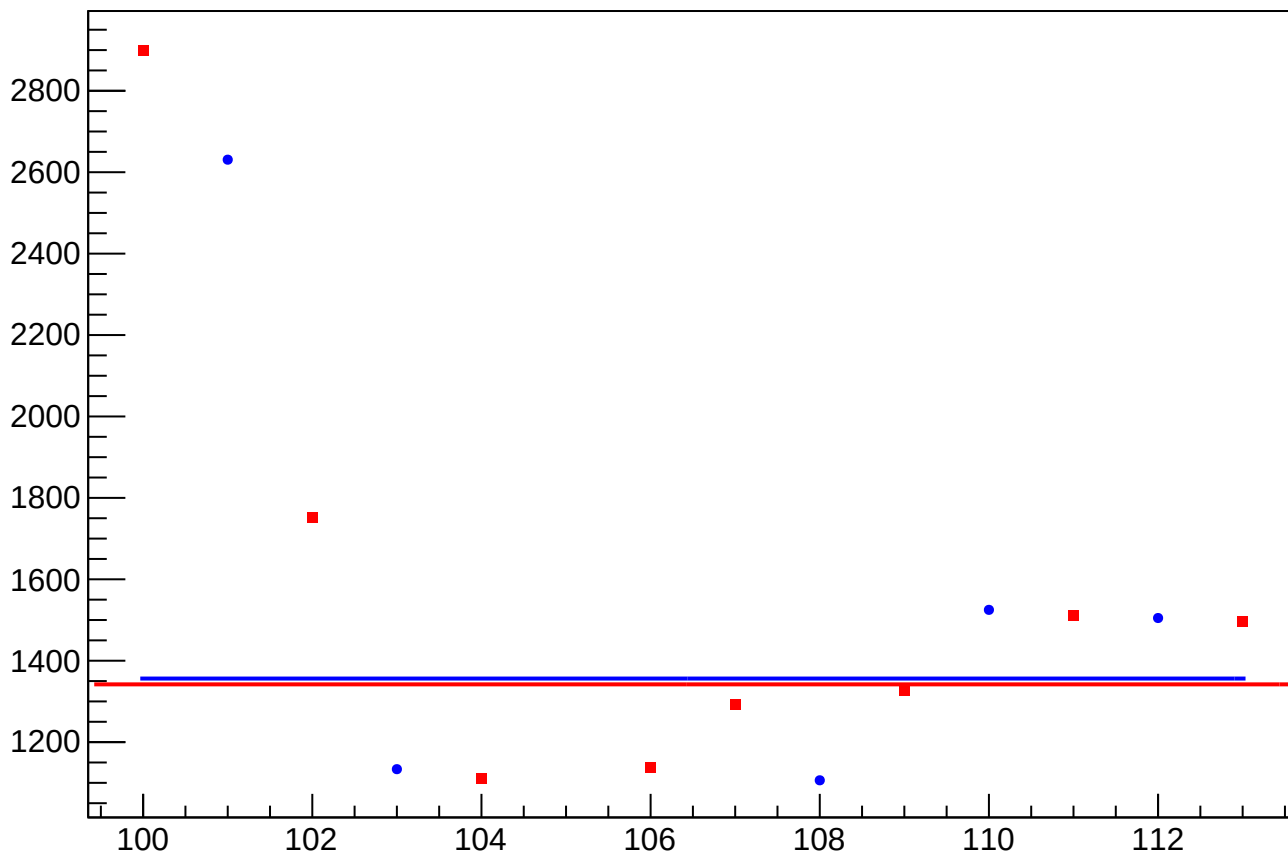
Right: -768.628+/-590.712 χ^2/NDF : 8.1/12

In: -1106.391+/-894.567 χ^2/NDF : 2.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -768.628+/-590.712 χ^2/NDF : 8.1/12

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: 1341.914+/-0.554 χ^2/NDF : 179127.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

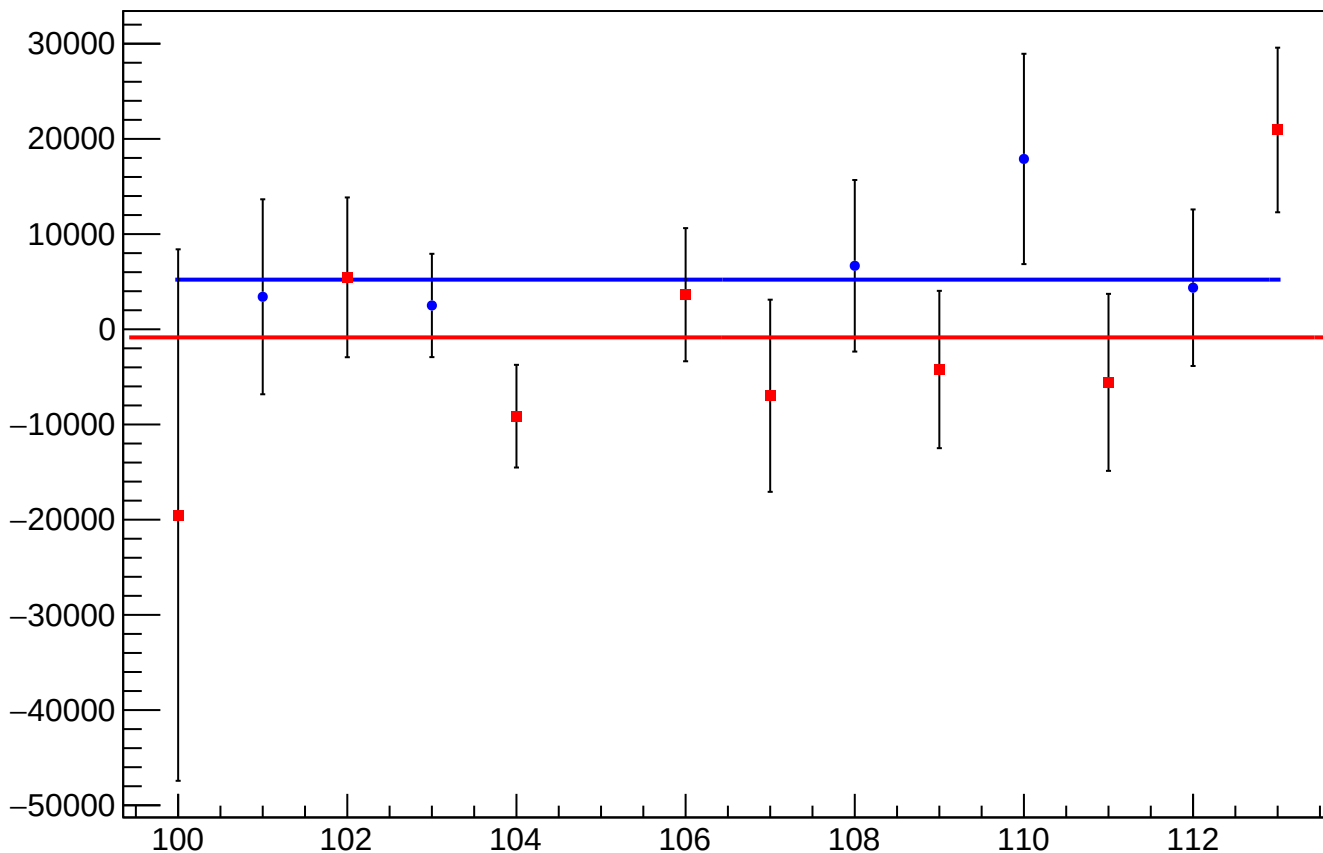
Right: 1348.108+/-0.417 χ^2/NDF : 590441.3/12

In: 1356.195+/-0.633 χ^2/NDF : 411025.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1348.108+/-0.417 χ^2/NDF : 590441.3/12

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: -850.557+/-2890.305 χ^2 /NDF: 10.9/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

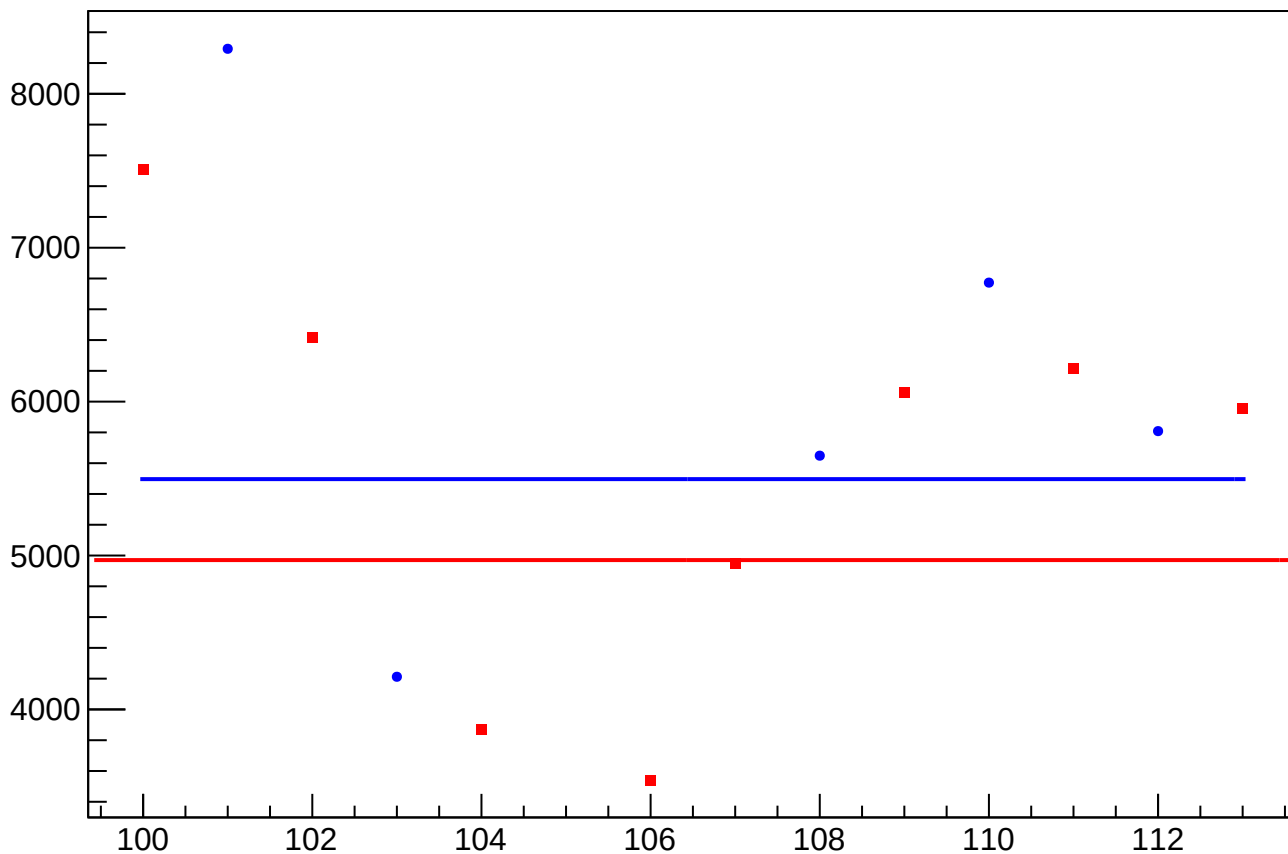
Right: 1557.363+/-2244.465 χ^2 /NDF: 14.3/12

In: 5215.173+/-3562.323 χ^2 /NDF:1.6/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1557.363+/-2244.465 χ^2 /NDF: 14.3/12

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: 4970.430+/-2.044 χ^2/NDF : 339762.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

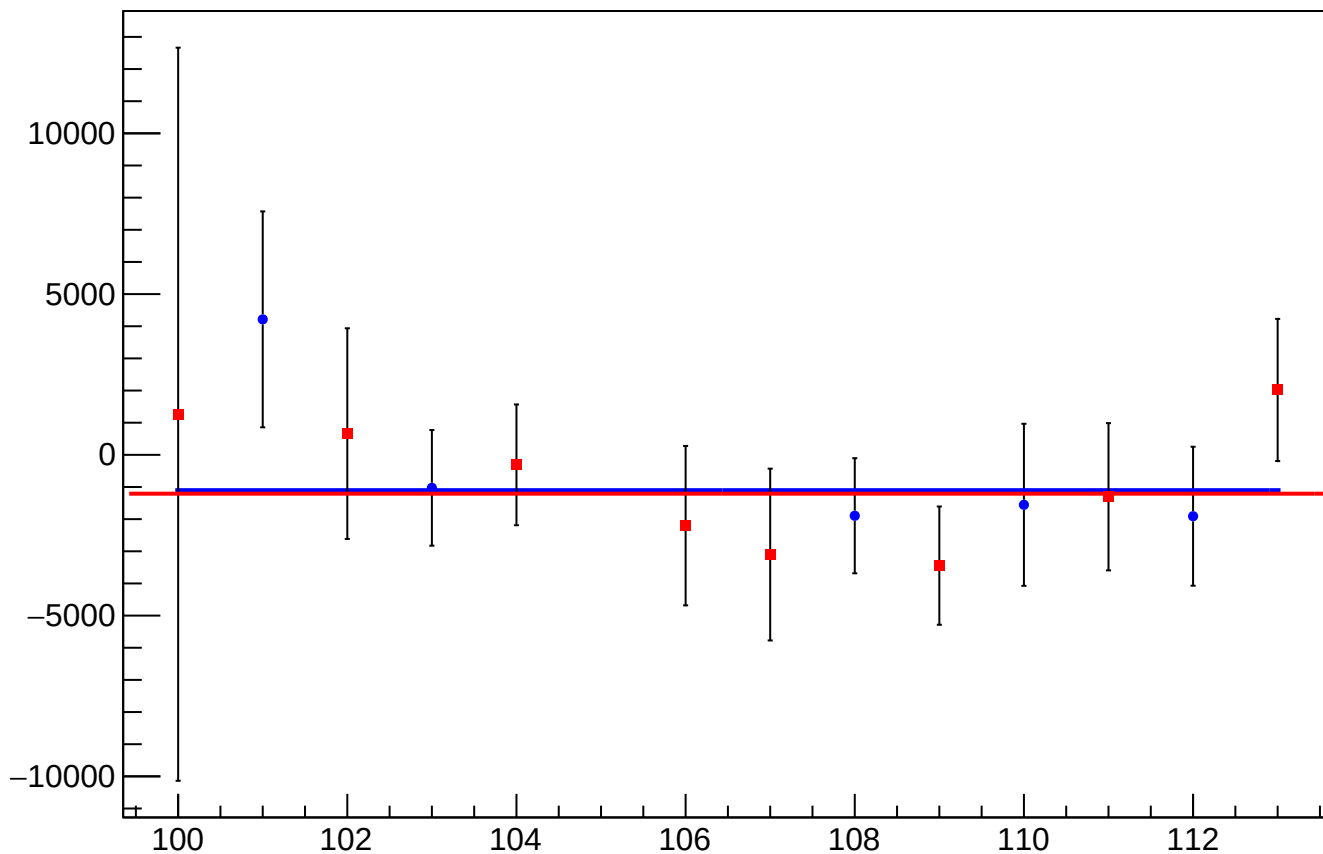
Right: 5179.252+/-1.587 χ^2/NDF : 657343.5/12

In: 5496.467+/-2.519 χ^2/NDF : 291282.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5179.252+/-1.587 χ^2/NDF : 657343.5/12

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: -1207.724 $\pm$ 851.898 χ^2 /NDF: 4.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

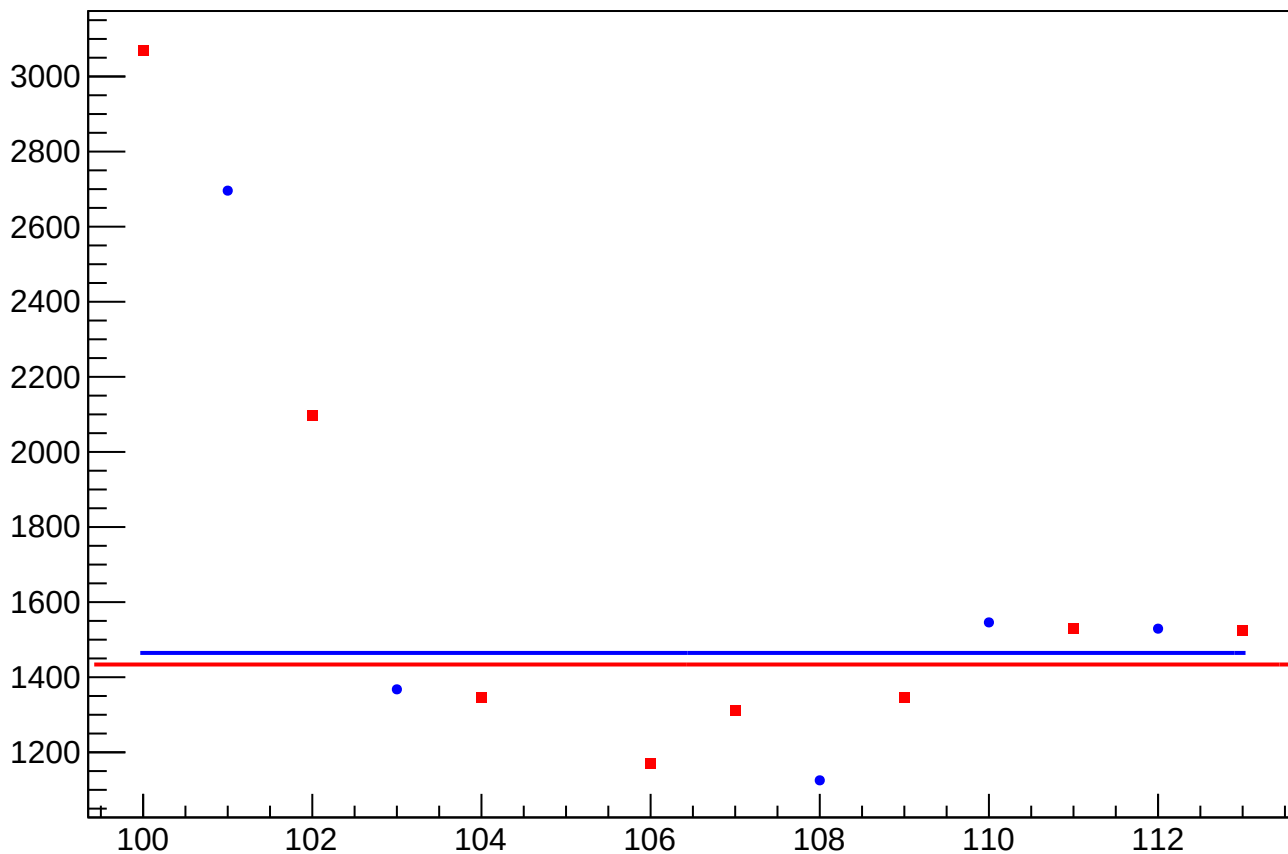
Right: -1159.763 $\pm$ 637.672 χ^2 /NDF: 7.8/12

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: -1159.763 $\pm$ 637.672 χ^2 /NDF: 7.8/12

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: 1433.857+/-0.602 χ^2/NDF : 165949.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

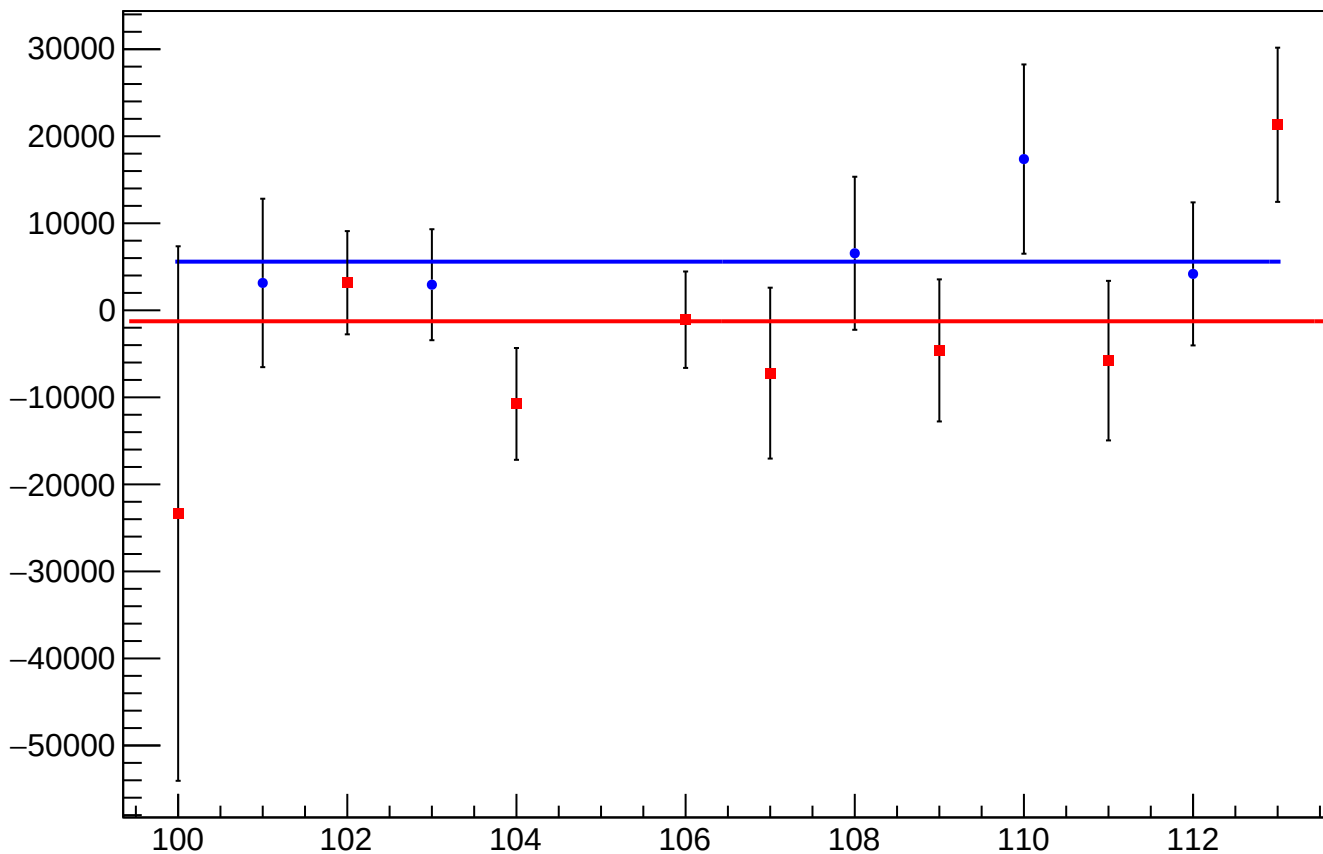
Right: 1447.409+/-0.451 χ^2/NDF : 517541.0/12

In: 1464.700+/-0.680 χ^2/NDF : 350437.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1447.409+/-0.451 χ^2/NDF : 517541.0/12

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: -1259.141+/-2708.296 χ^2/NDF : 10.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

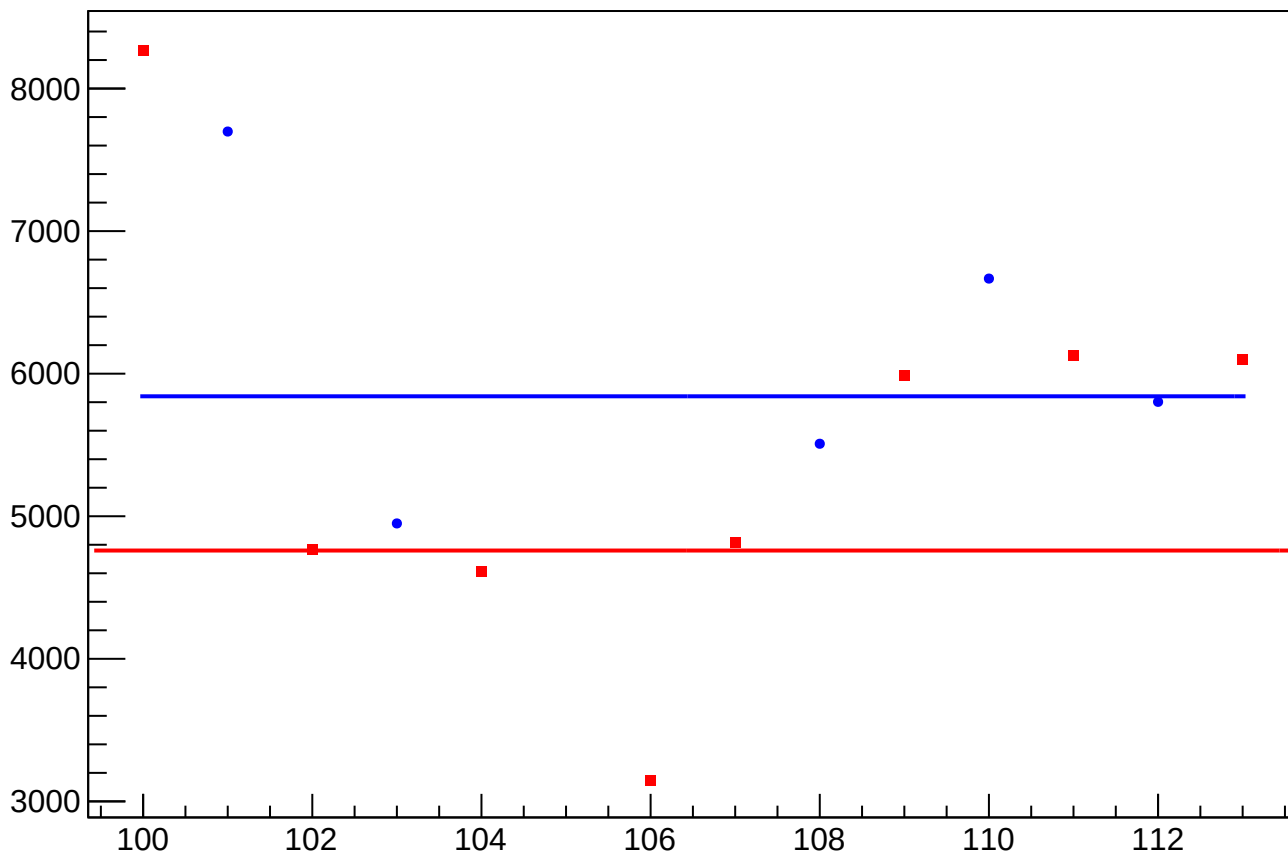
Right: 1097.054+/-2193.606 χ^2/NDF : 14.2/12

In: 5590.894+/-3740.239 χ^2/NDF : 1.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1097.054+/-2193.606 χ^2/NDF : 14.2/12

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: 4759.532+/-1.915 χ^2/NDF : 331654.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

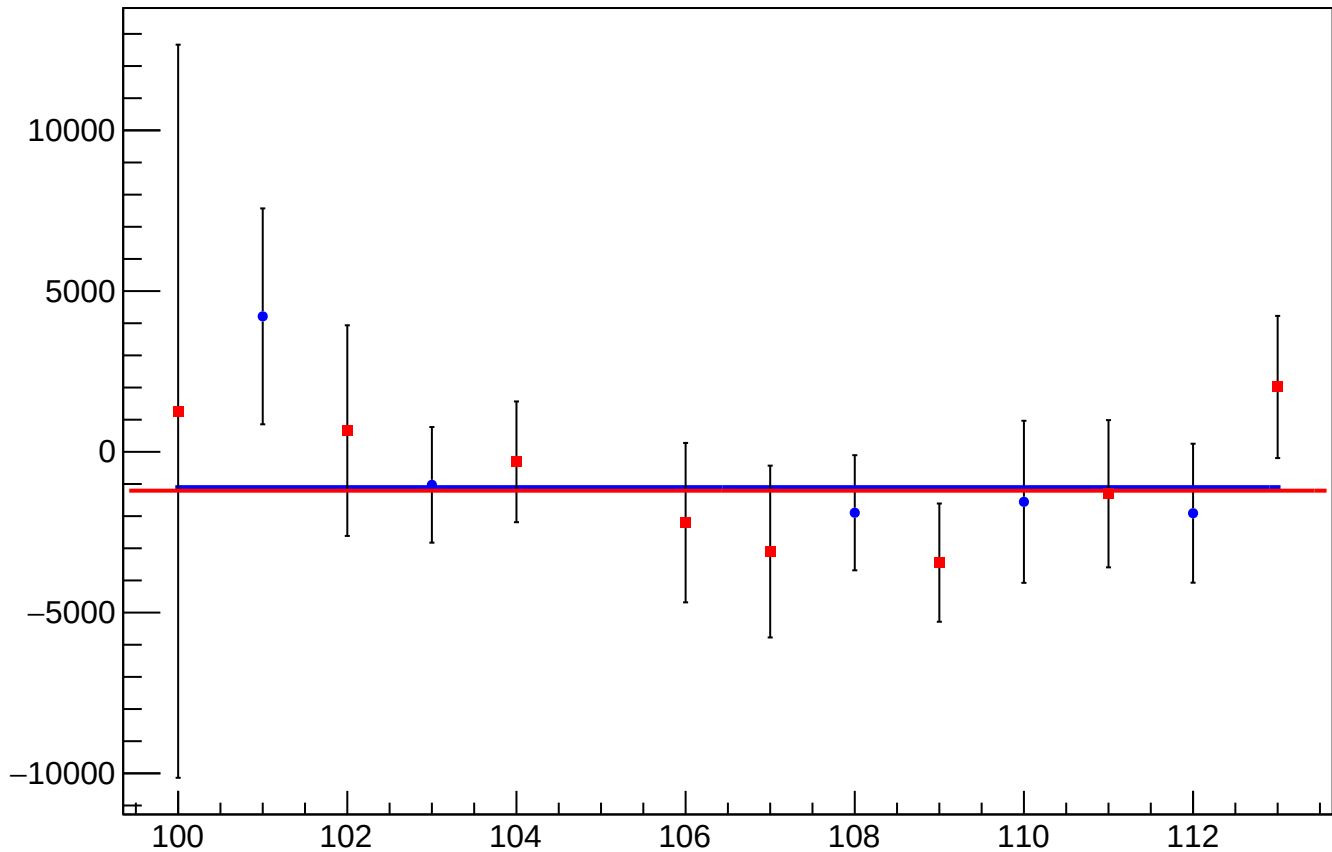
Right: 5131.651+/-1.551 χ^2/NDF : 568665.3/12

In: 5841.372+/-2.645 χ^2/NDF : 127241.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5131.651+/-1.551 χ^2/NDF : 568665.3/12

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: -1207.739+/-851.898 χ^2/NDF : 4.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

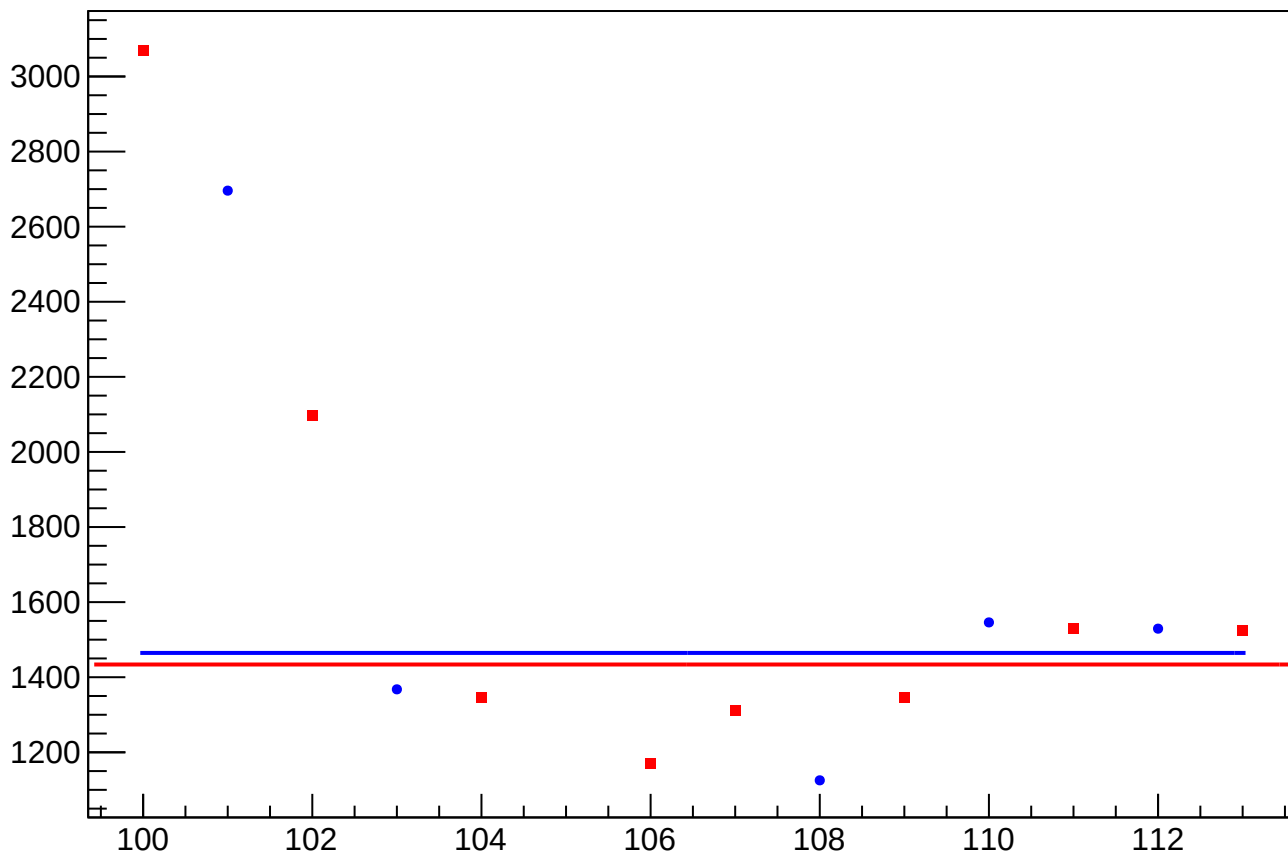
Right: -1159.775+/-637.673 χ^2/NDF : 7.8/12

In: -1098.656+/-961.655 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1159.775+/-637.673 χ^2/NDF : 7.8/12

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: 1433.857+/-0.602 χ^2/NDF : 165950.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

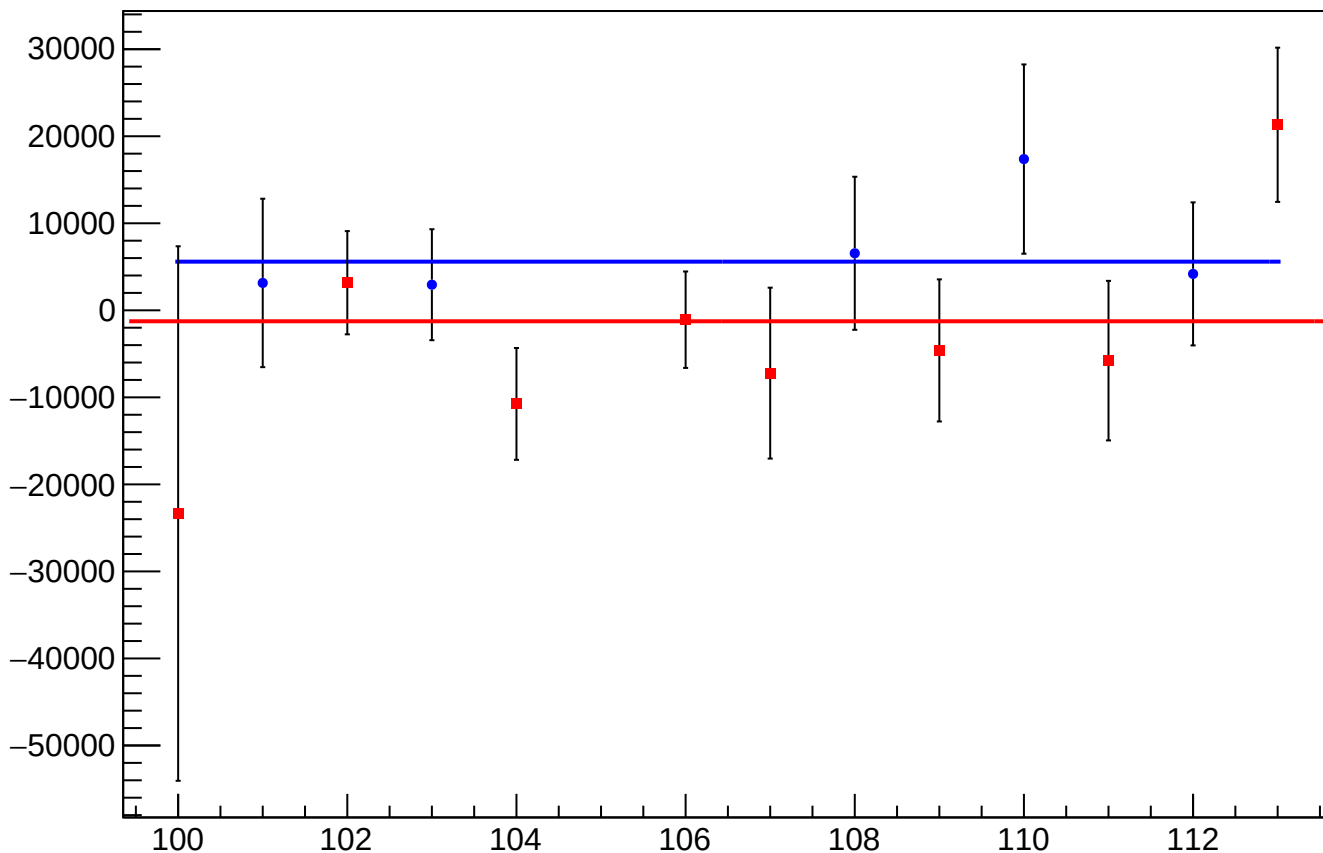
Right: 1447.410+/-0.451 χ^2/NDF : 517540.7/12

In: 1464.701+/-0.680 χ^2/NDF : 350437.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1447.410+/-0.451 χ^2/NDF : 517540.7/12

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: -1259.152+/-2708.293 χ^2/NDF : 10.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

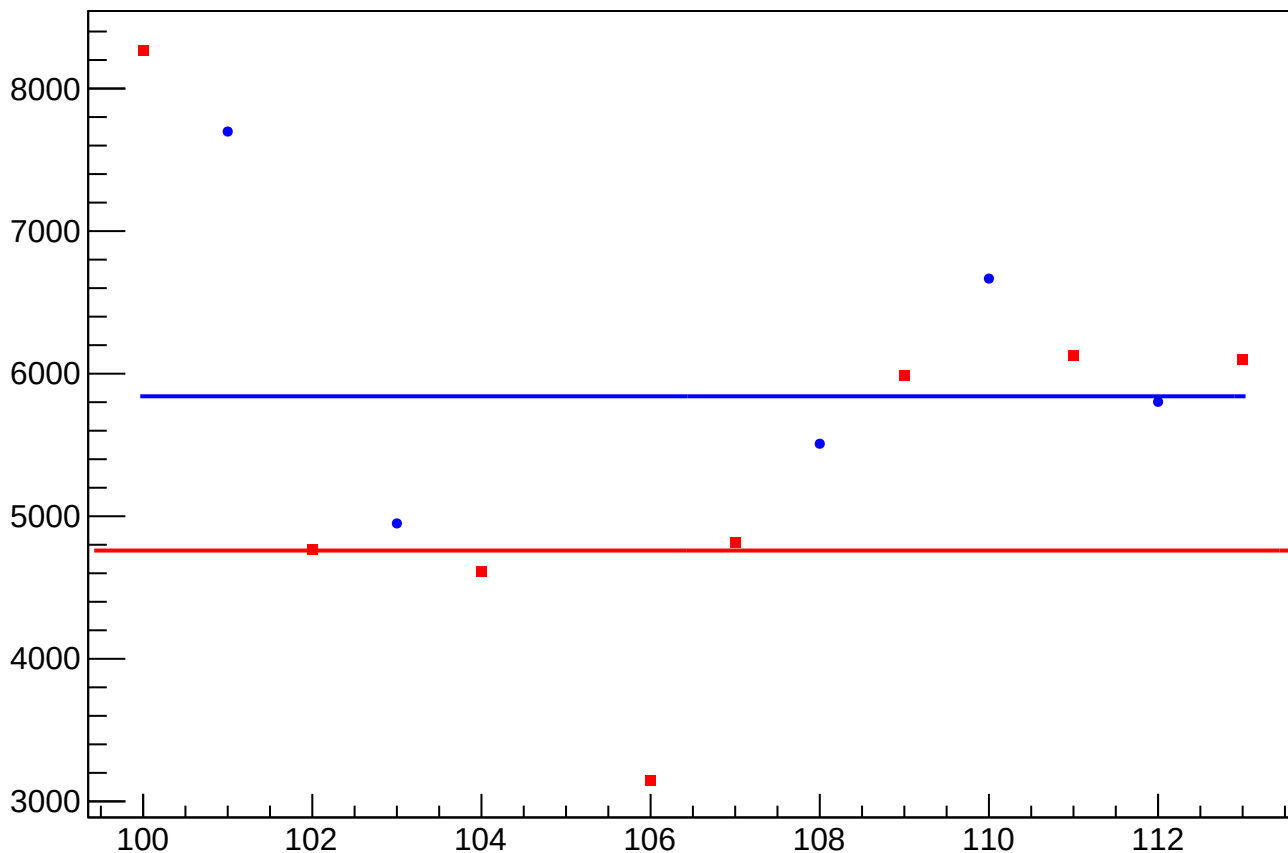
Right: 1097.045+/-2193.603 χ^2/NDF : 14.2/12

In: 5590.894+/-3740.236 χ^2/NDF : 1.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1097.045+/-2193.603 χ^2/NDF : 14.2/12

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: 4759.525+/-1.915 χ^2/NDF : 331656.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

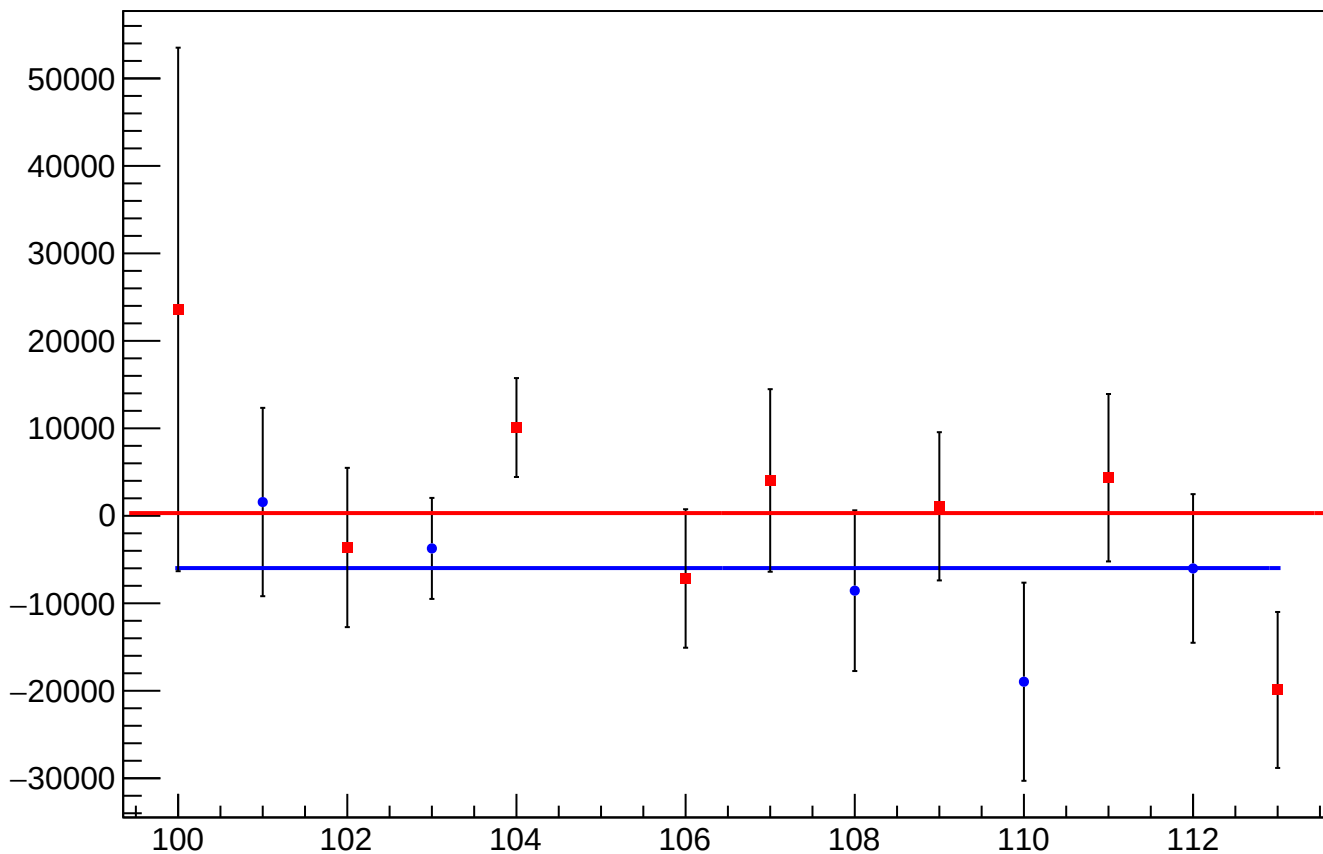
Right: 5131.644+/-1.551 χ^2/NDF : 568666.9/12

In: 5841.367+/-2.645 χ^2/NDF : 127240.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5131.644+/-1.551 χ^2/NDF : 568666.9/12

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: 313.586+/-3056.378 χ^2/NDF : 10.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

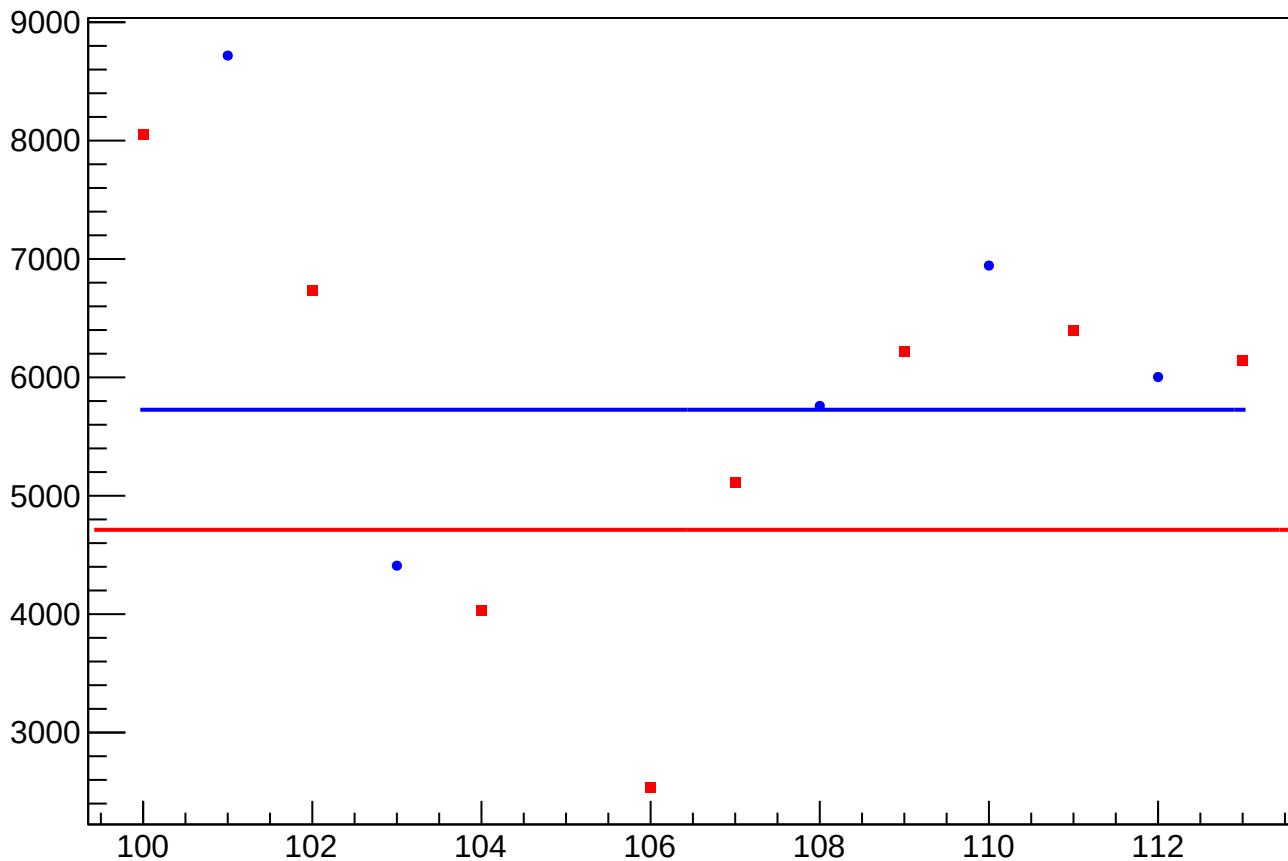
Right: -2217.324+/-2362.385 χ^2/NDF : 13.9/12

In: -5973.299+/-3723.318 χ^2/NDF : 2.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2217.324+/-2362.385 χ^2/NDF : 13.9/12

asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 5726.678 ± 2.633 $\chi^2/\text{NDF}: 283820.8/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 4712.619 ± 2.022 $\chi^2/\text{NDF}: 627066.1/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

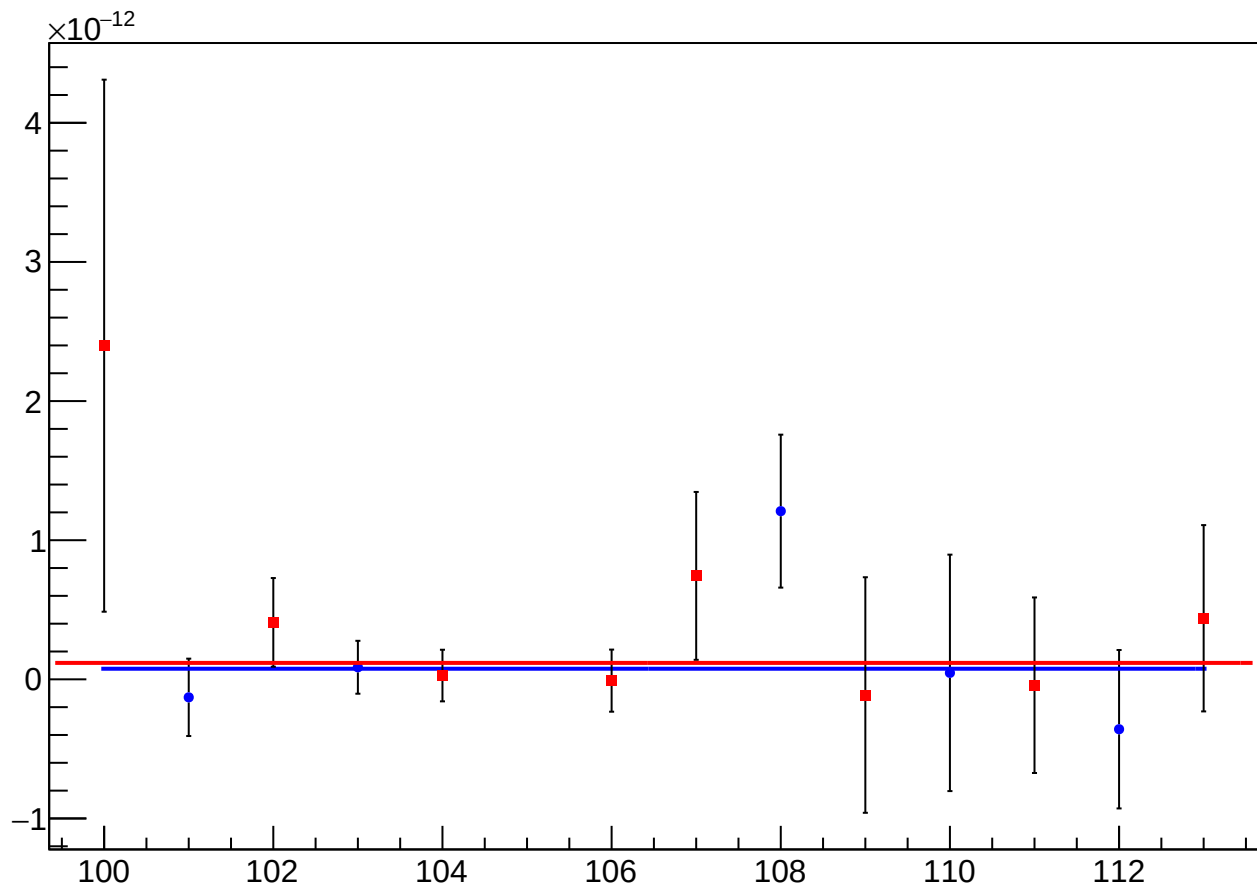
Right: 5088.788 ± 1.603 $\chi^2/\text{NDF}: 1004210.5/12$

In: 5726.678 ± 2.633 $\chi^2/\text{NDF}: 283820.8/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 5088.788 ± 1.603 $\chi^2/\text{NDF}: 1004210.5/12$

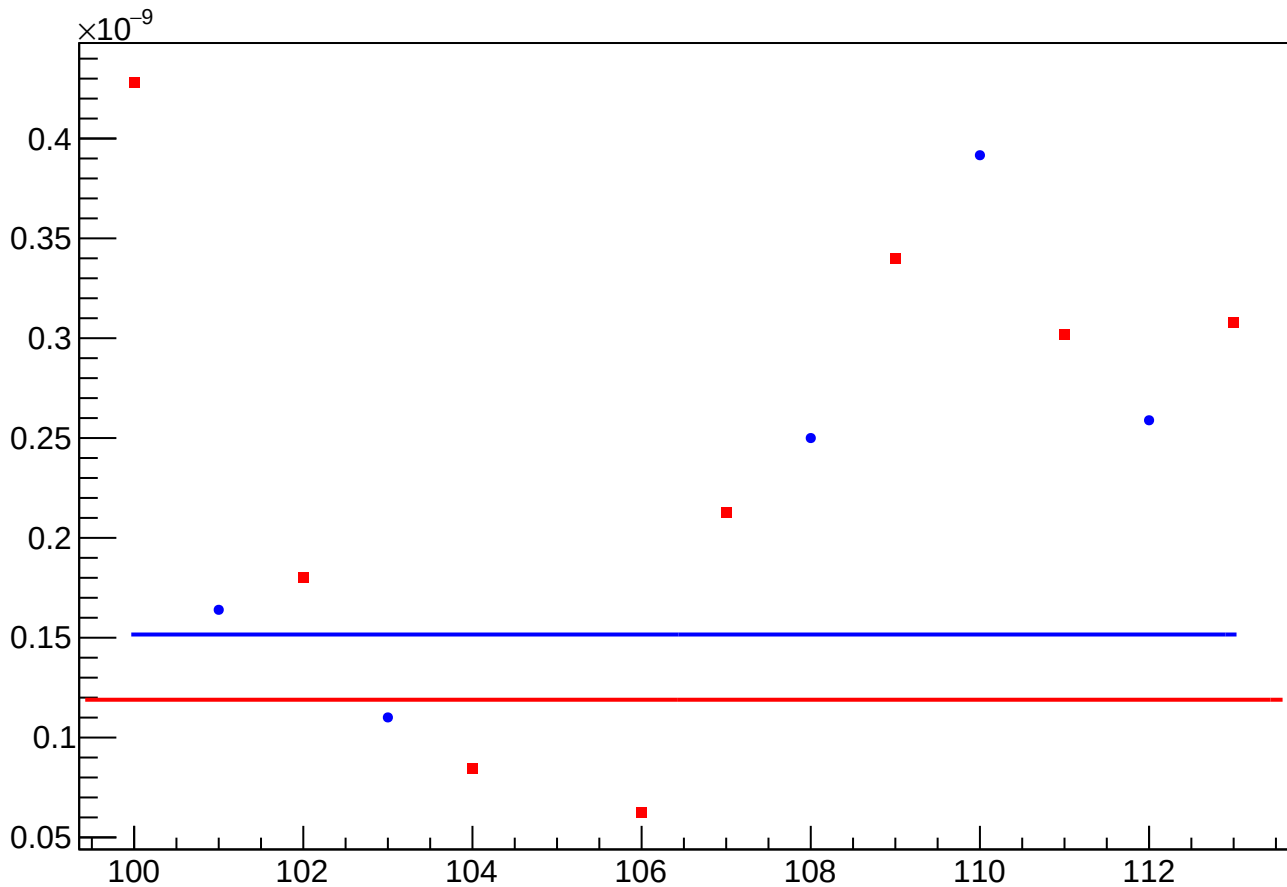
asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 4.3/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 9.7/12
 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 : 9.7/12

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 : 835775.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

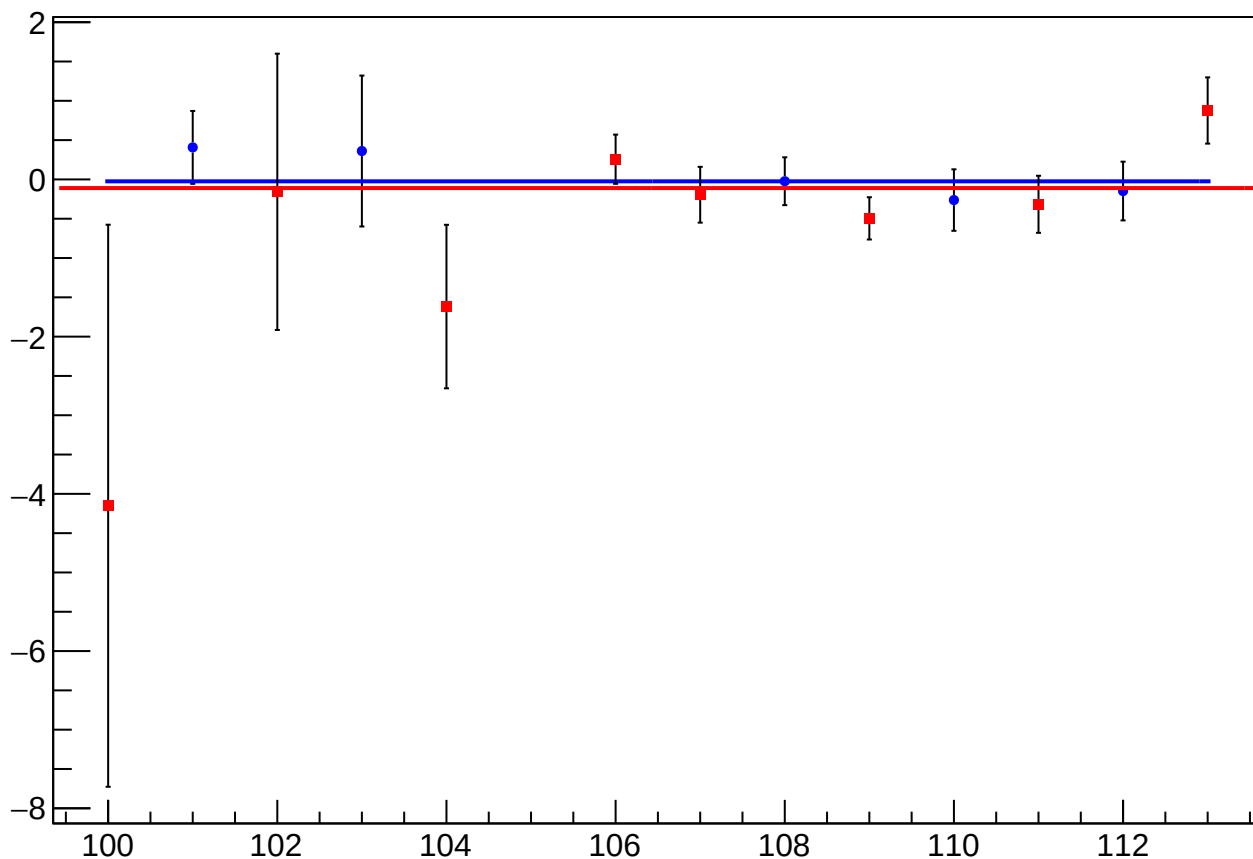
Right: 0.000+/-0.000 χ^2/NDF : 1290214.9/12

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 : 1290214.9/12

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024 $\pm$ 0.182 χ^2 /NDF: 1.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.110 $\pm$ 0.147 χ^2 /NDF: 12.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

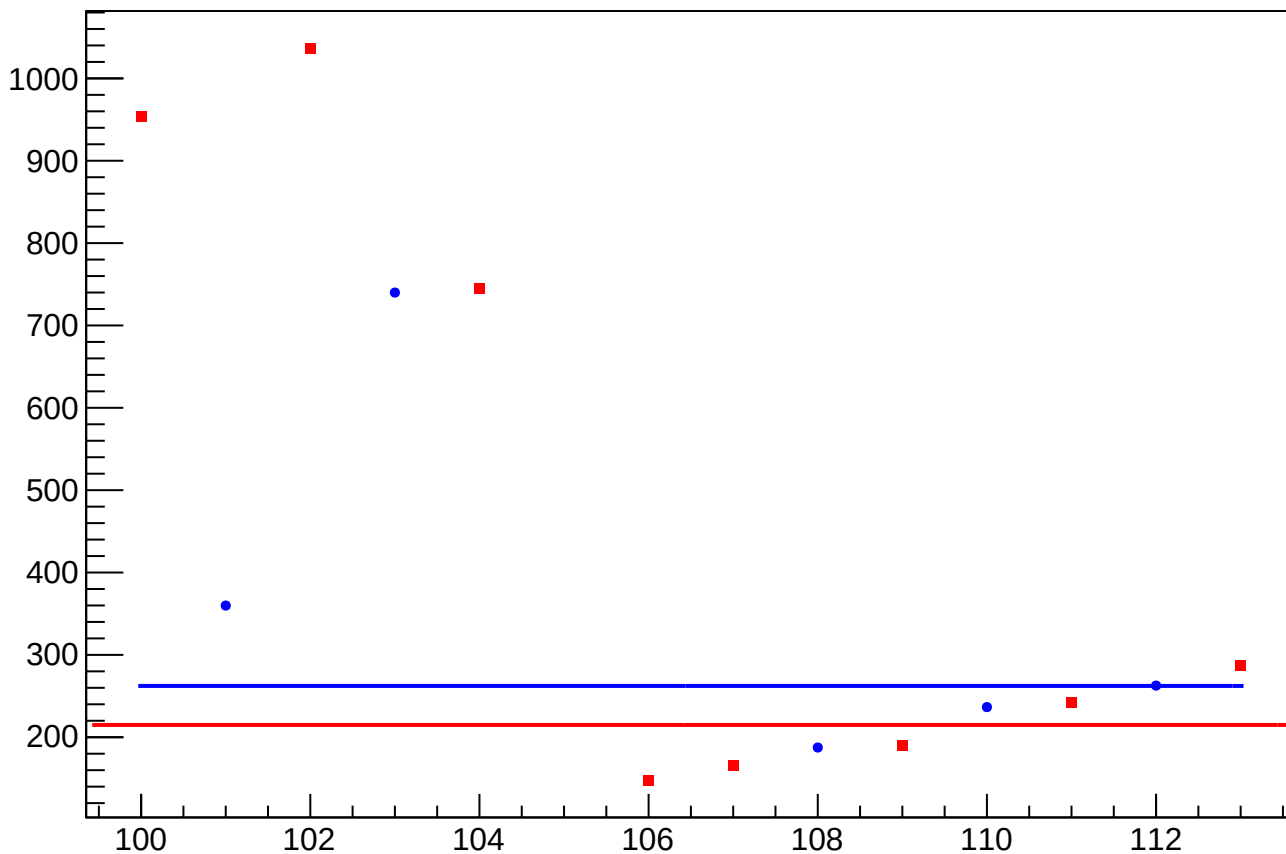
Right: -0.076 $\pm$ 0.114 χ^2 /NDF: 14.3/12

In: -0.024 $\pm$ 0.182 χ^2 /NDF:1.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.076 $\pm$ 0.114 χ^2 /NDF: 14.3/12

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: 214.909+/-0.104 χ^2/NDF : 1259990.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

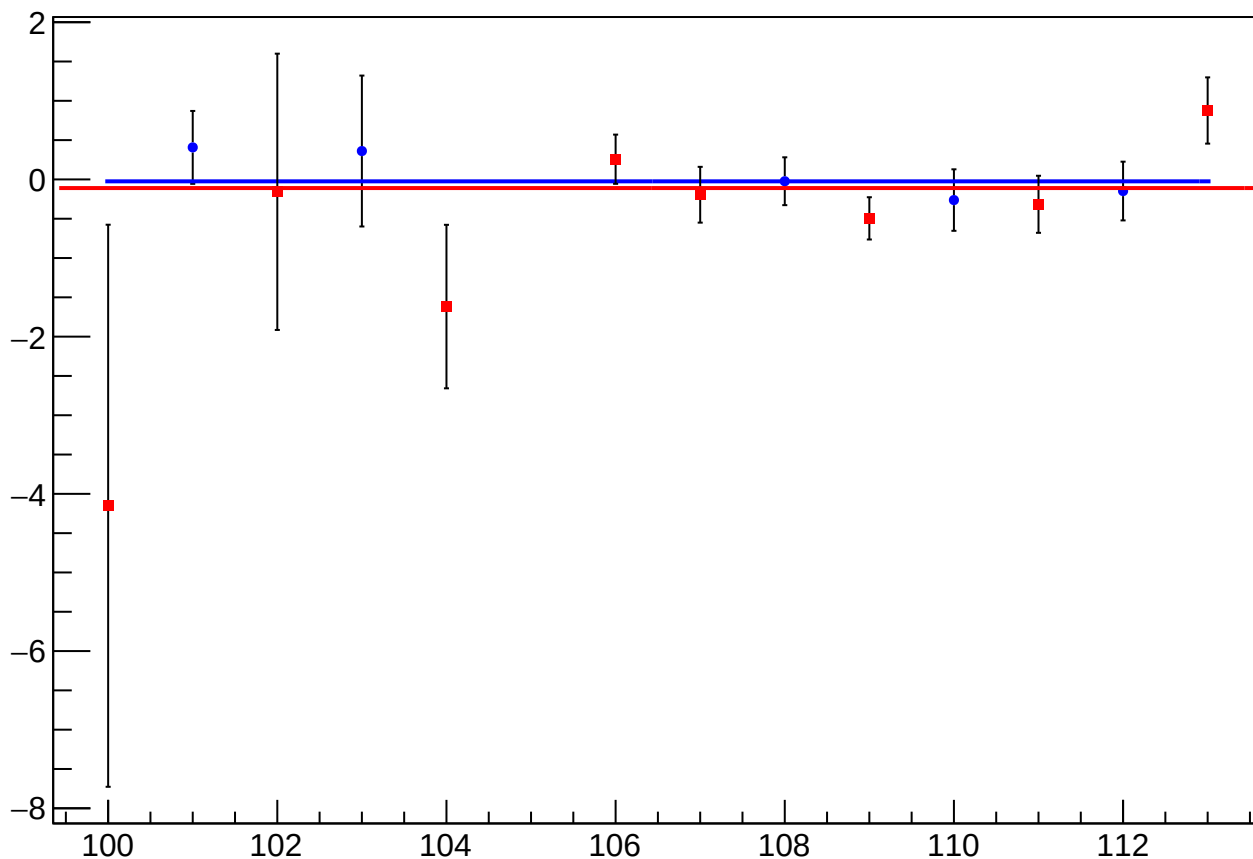
Right: 233.577+/-0.081 χ^2/NDF : 2055652.8/12

In: 262.299+/-0.129 χ^2/NDF : 713339.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 233.577+/-0.081 χ^2/NDF : 2055652.8/12

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: -0.110 ± 0.147 χ^2/NDF : 12.7/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

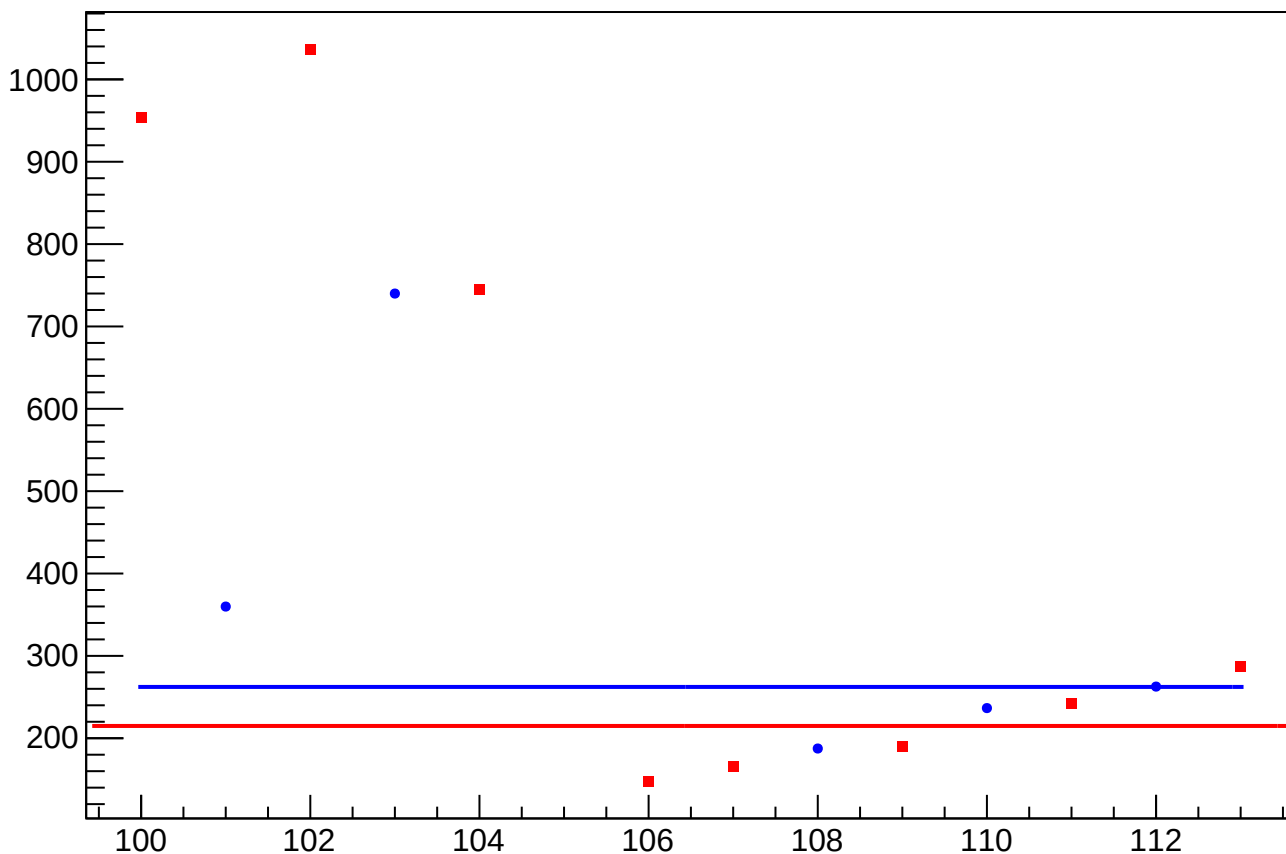
Right: -0.076 ± 0.114 χ^2/NDF : 14.3/12

In: -0.024 ± 0.182 χ^2/NDF : 1.5/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.076 ± 0.114 χ^2/NDF : 14.3/12

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: 214.909+/-0.104 χ^2/NDF : 1259990.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

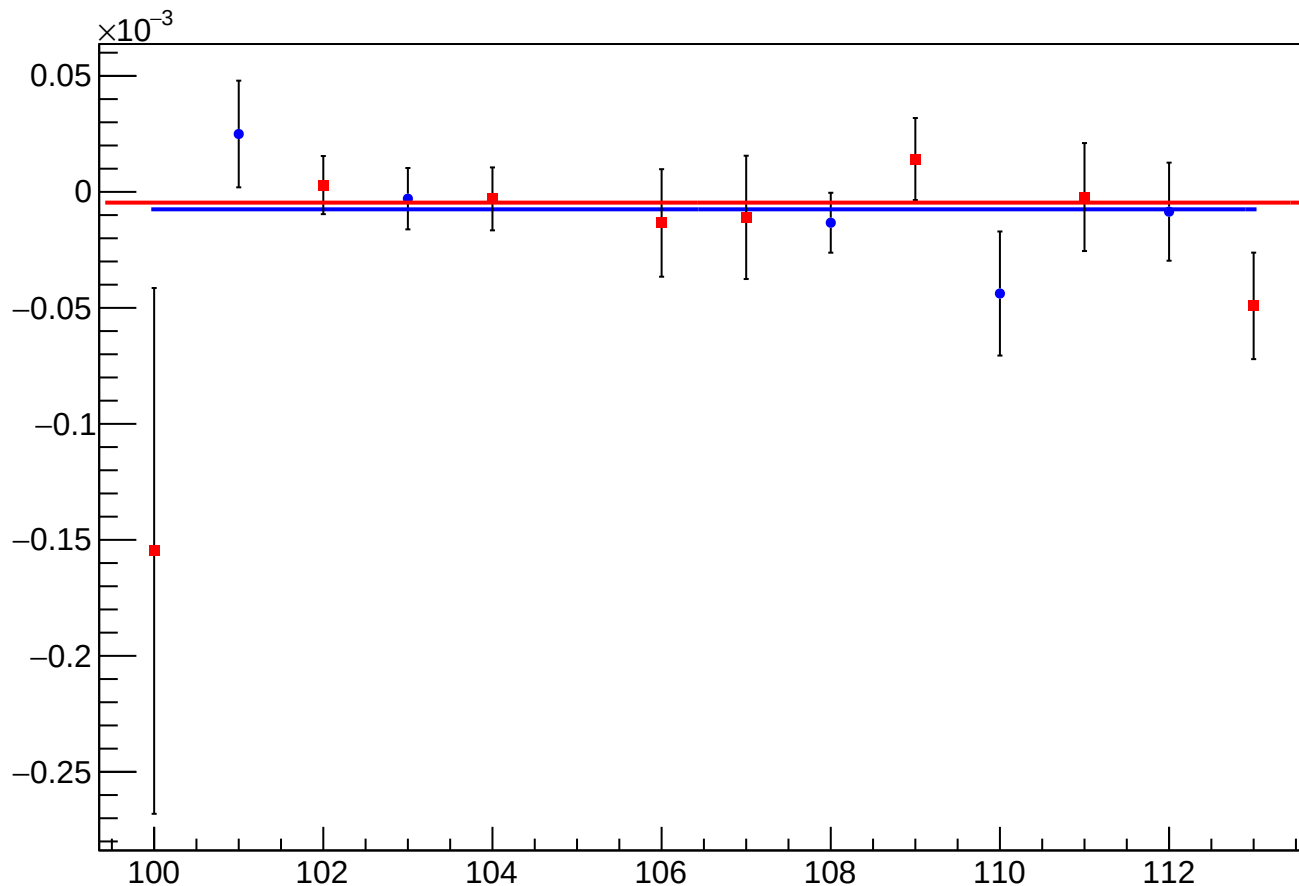
Right: 233.577+/-0.081 χ^2/NDF : 2055652.8/12

In: 262.299+/-0.129 χ^2/NDF : 713339.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 233.577+/-0.081 χ^2/NDF : 2055652.8/12

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: 7.2/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

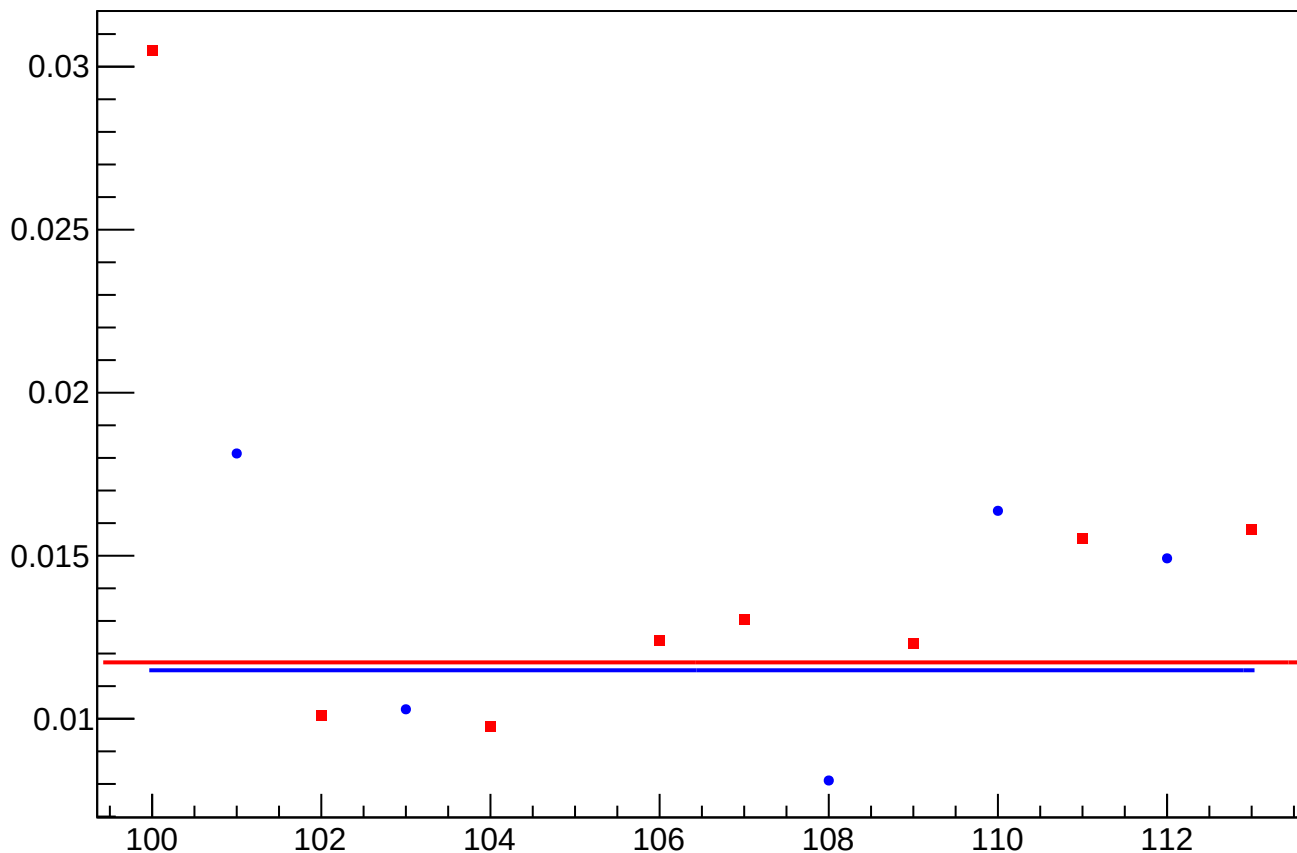
Right: -0.000+/-0.000 χ^2 /NDF: 11.5/12

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: 11.5/12

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: 0.012+/-0.000 χ^2/NDF : 256785.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

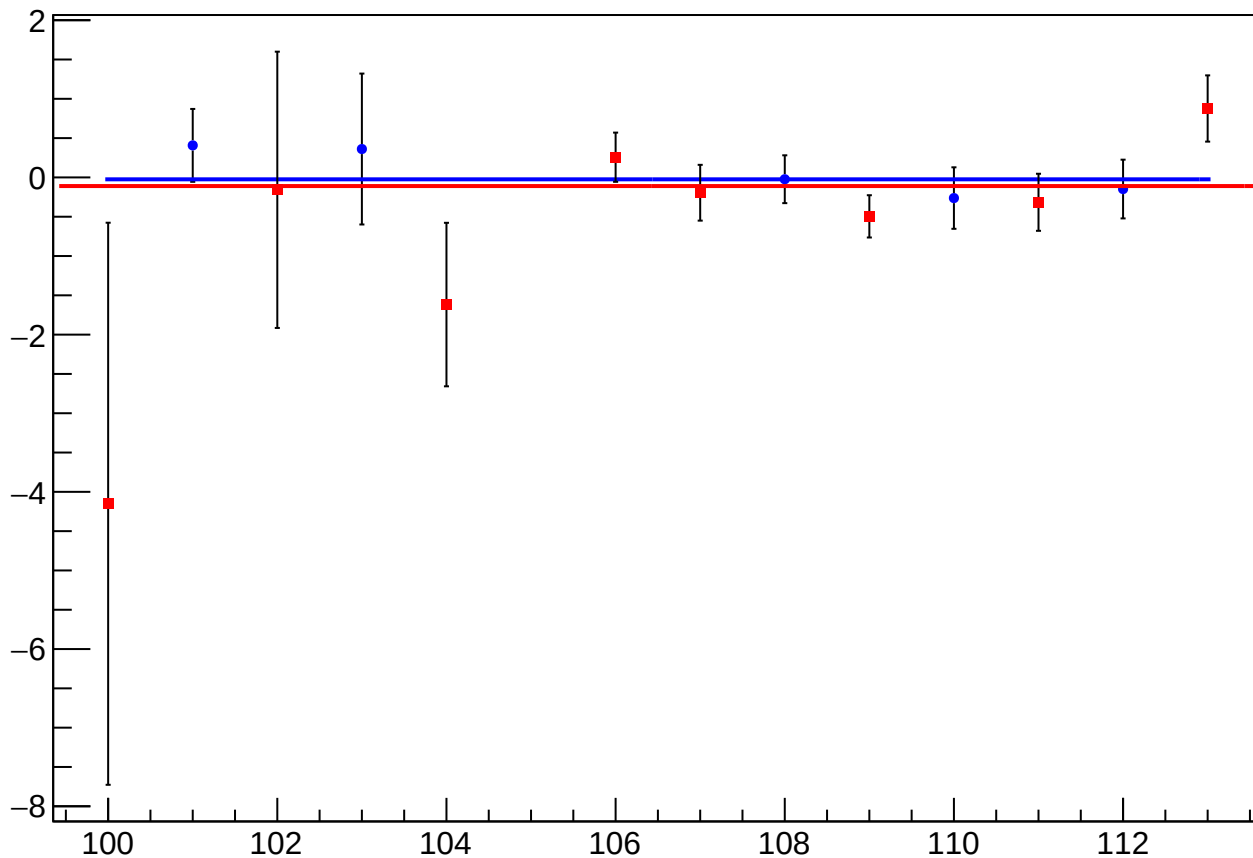
Right: 0.012+/-0.000 χ^2/NDF : 698321.4/12

In: 0.011+/-0.000 χ^2/NDF :440399.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.000 χ^2/NDF : 698321.4/12

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: -0.110 ± 0.147 χ^2/NDF : 12.7/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

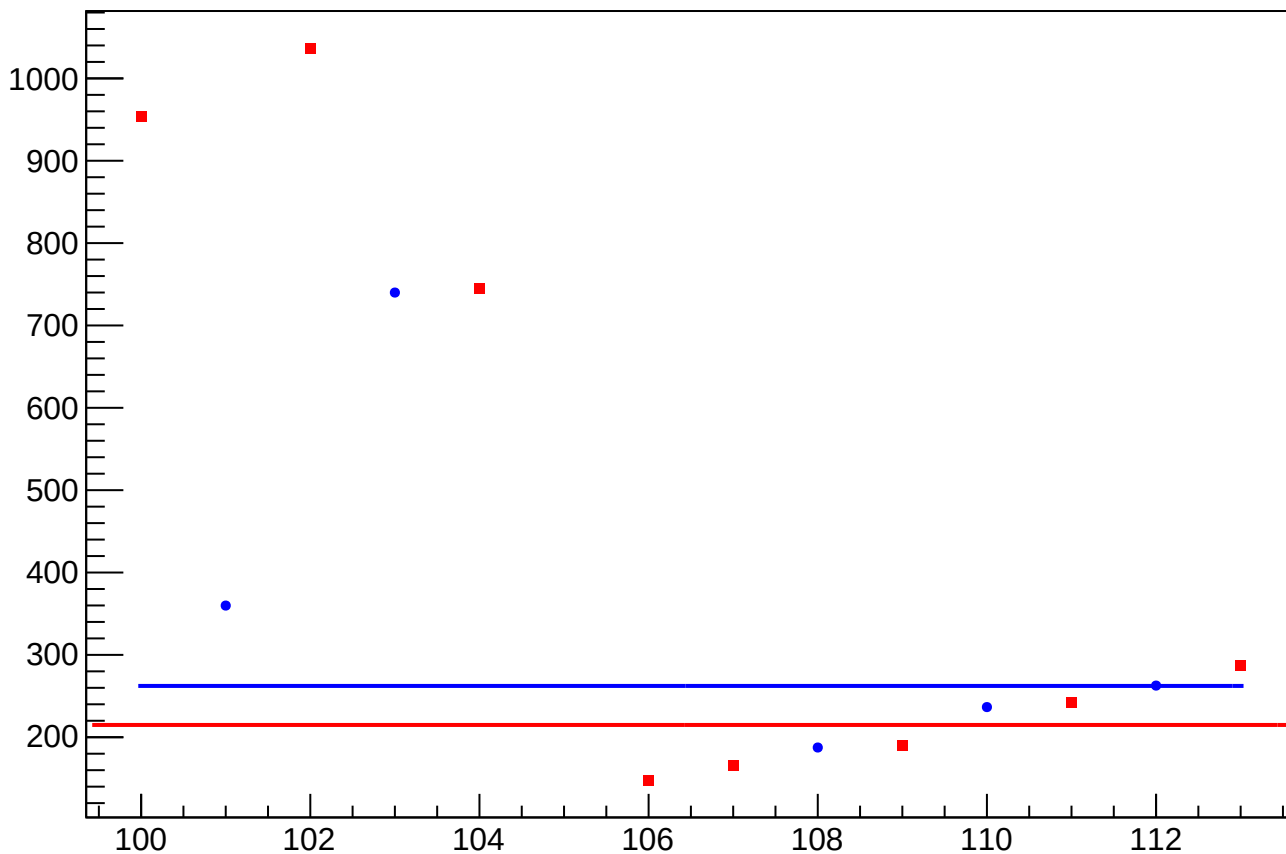
Right: -0.076 ± 0.114 χ^2/NDF : 14.3/12

In: -0.024 ± 0.182 χ^2/NDF : 1.5/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.076 ± 0.114 χ^2/NDF : 14.3/12

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: 214.910+/-0.104 χ^2/NDF : 1259995.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

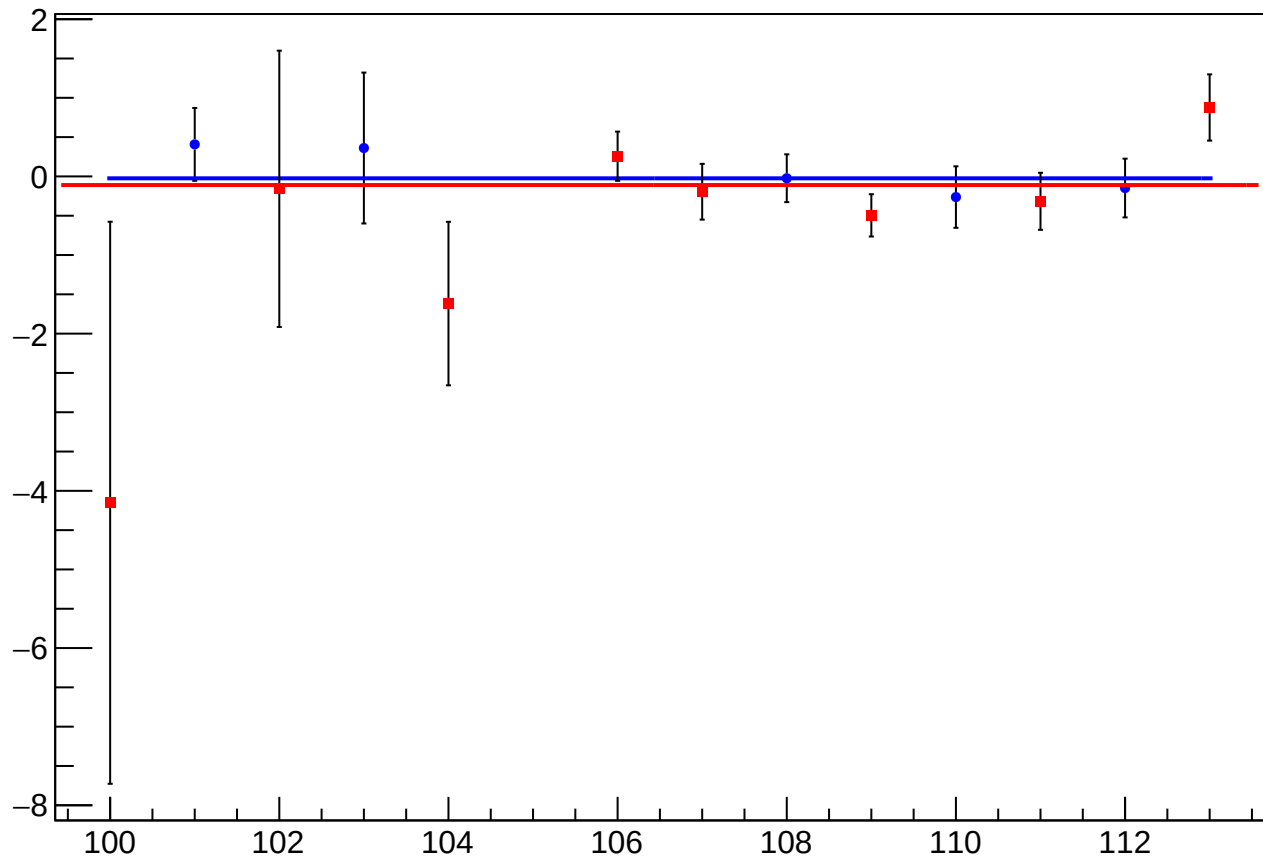
Right: 233.579+/-0.081 χ^2/NDF : 2055644.7/12

In: 262.303+/-0.129 χ^2/NDF : 713317.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 233.579+/-0.081 χ^2/NDF : 2055644.7/12

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: -0.110±/-0.147 χ^2 /NDF: 12.7/7

Left In: 0.000±/-0.000 χ^2 /NDF:0.0/0

Left: 0.000±/-0.000 χ^2 /NDF: 0.0/0

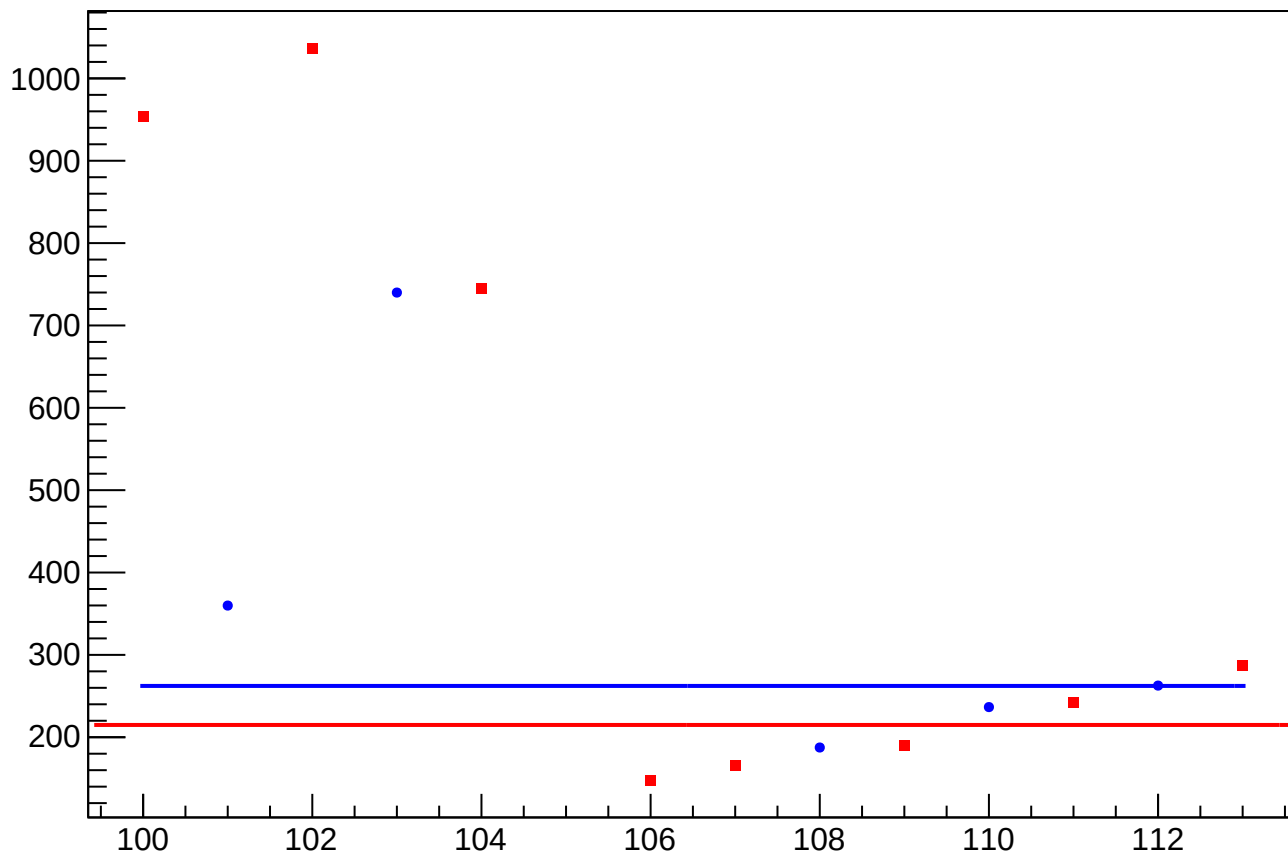
Right: -0.076±/-0.114 χ^2 /NDF: 14.3/12

In: -0.024±/-0.182 χ^2 /NDF:1.5/4

Out: 0.000±/-0.000 χ^2 /NDF:0.0/0

All: -0.076±/-0.114 χ^2 /NDF: 14.3/12

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: 214.910+/-0.104 χ^2/NDF : 1259995.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

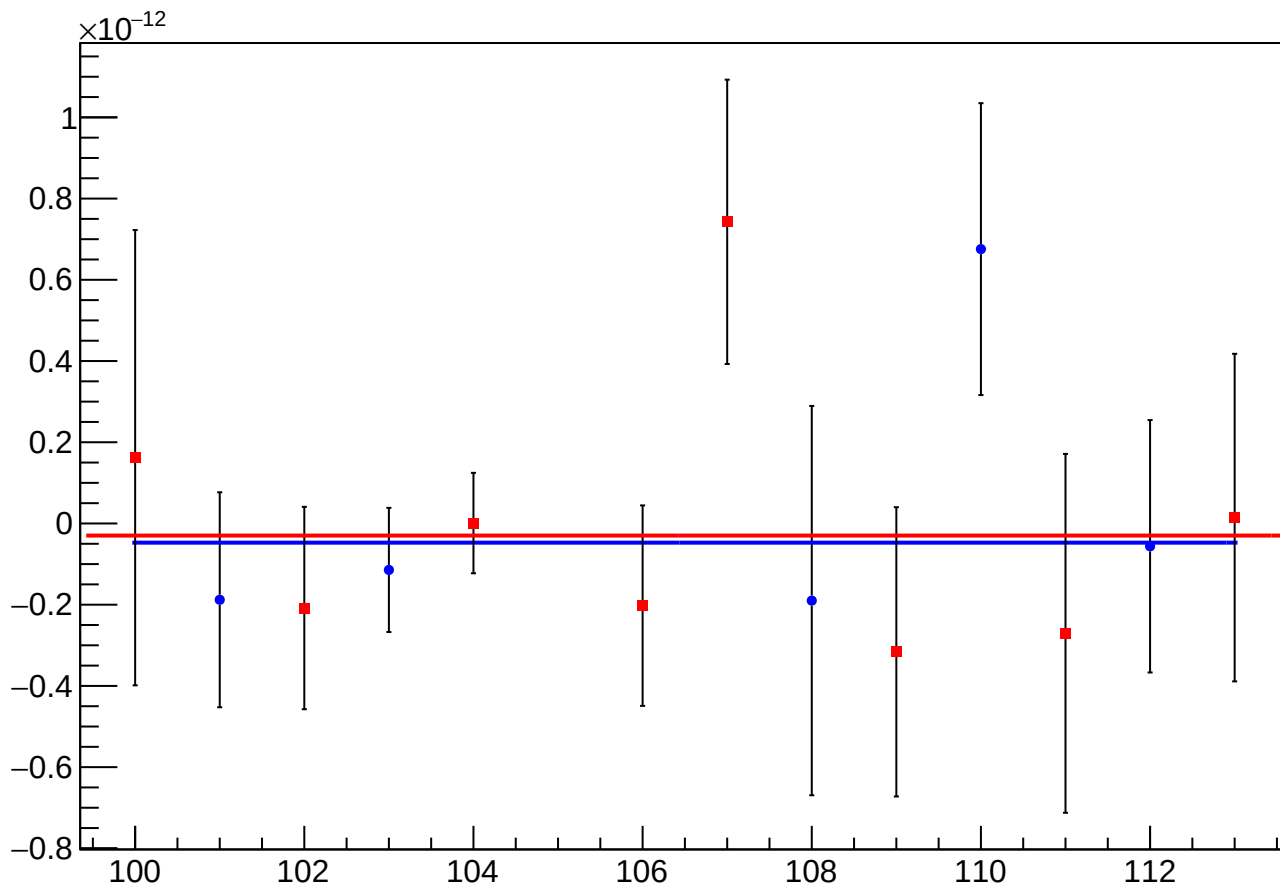
Right: 233.579+/-0.081 χ^2/NDF : 2055644.7/12

In: 262.303+/-0.129 χ^2/NDF : 713317.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 233.579+/-0.081 χ^2/NDF : 2055644.7/12

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 : 7.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

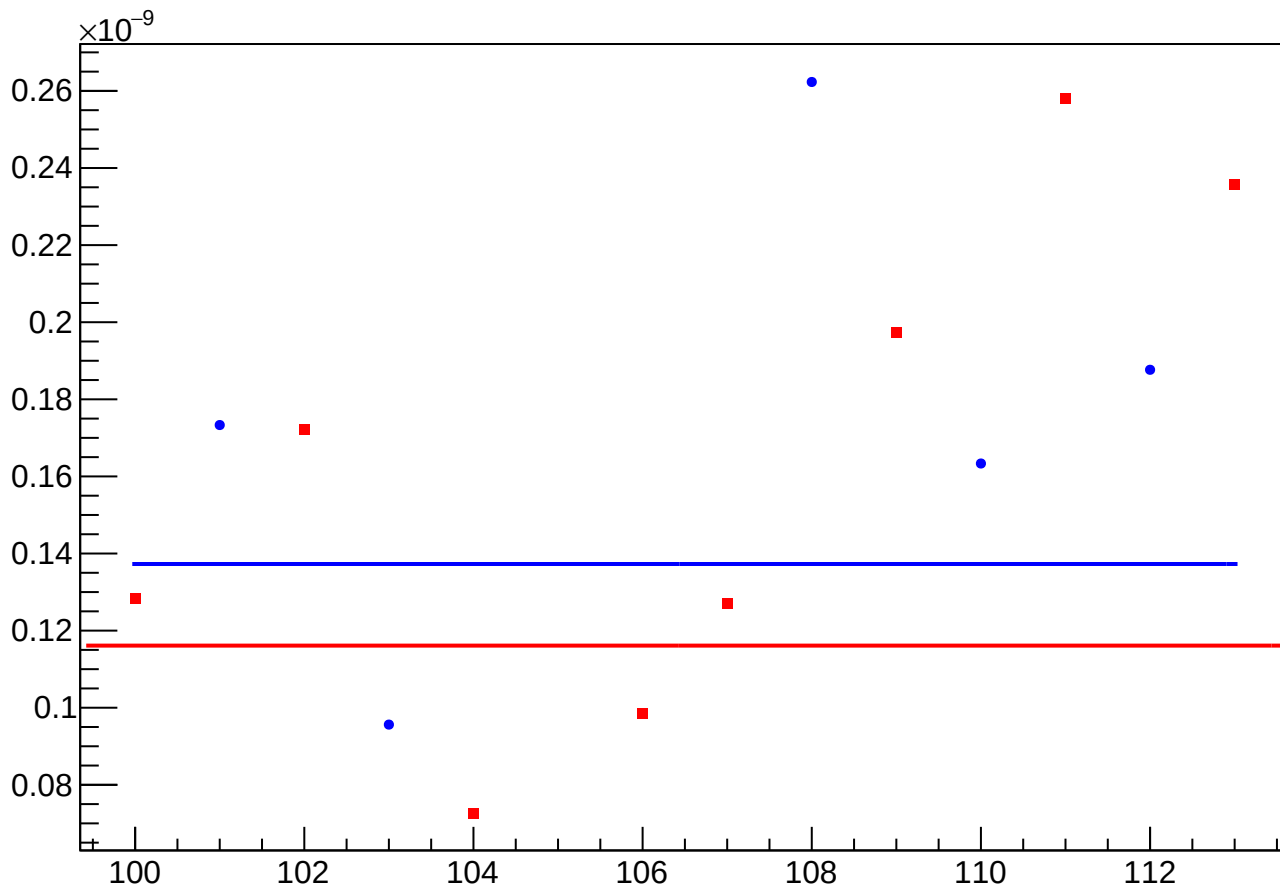
Right: -0.000+/-0.000 χ^2/NDF : 11.6/12

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 : 11.6/12

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 : 848346.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

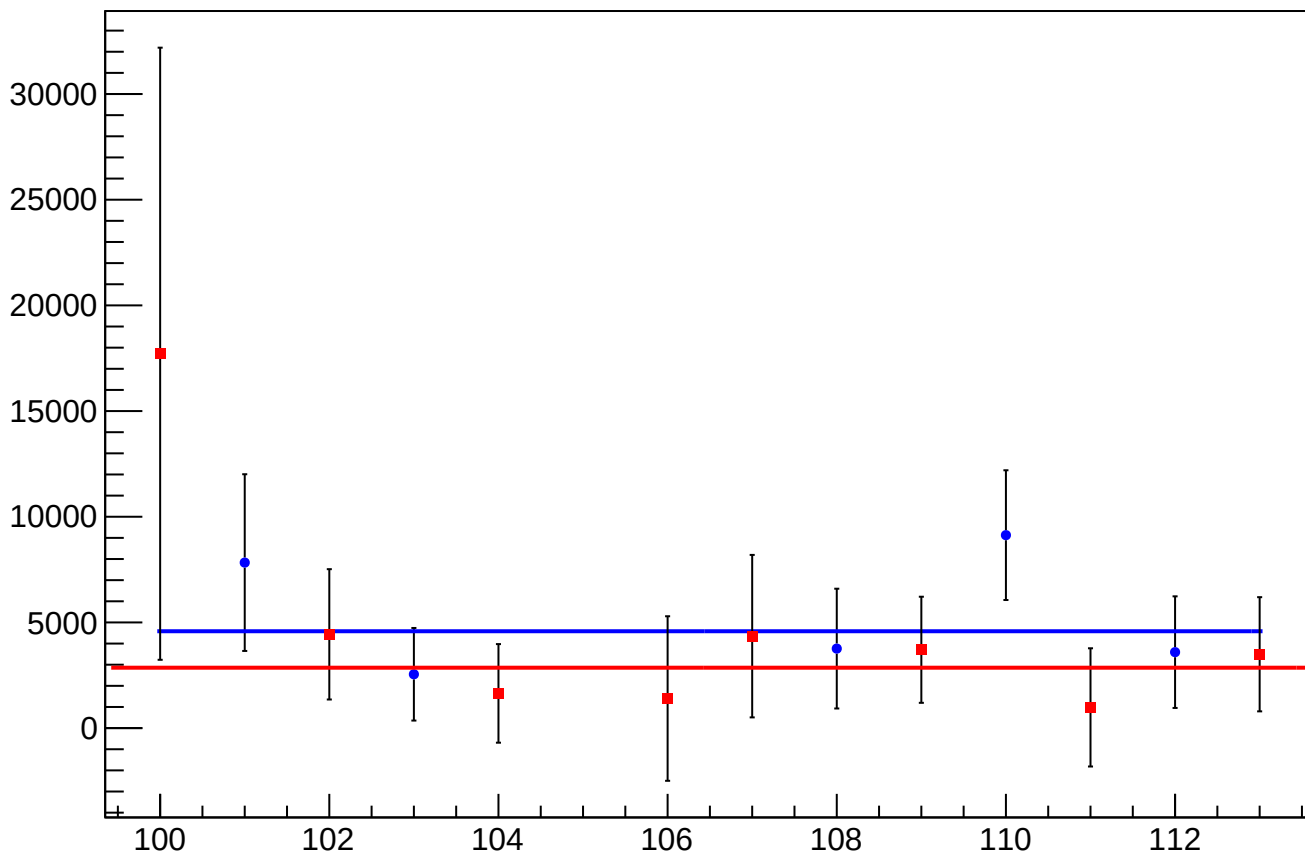
Right: 0.000+/-0.000 χ^2/NDF : 1277141.5/12

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 : 1277141.5/12

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: 2857.923+/-1083.966 χ^2/NDF : 2.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

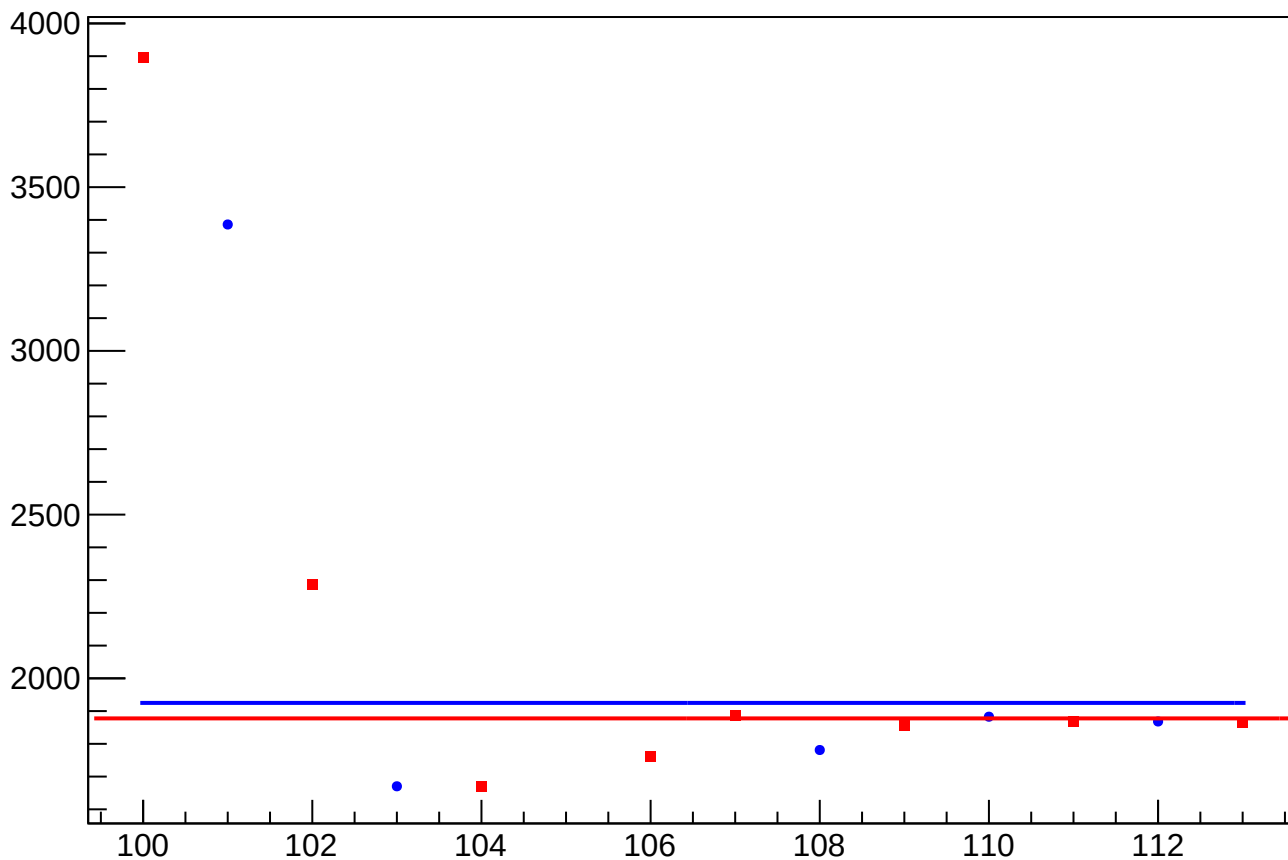
Right: 3598.341+/-818.979 χ^2/NDF : 7.5/12

In: 4583.196+/-1250.154 χ^2/NDF : 3.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3598.341+/-818.979 χ^2/NDF : 7.5/12

reg_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1924.994 $\pm$ 0.884 χ^2 /NDF: 277798.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1877.666 $\pm$ 0.761 χ^2 /NDF: 92164.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

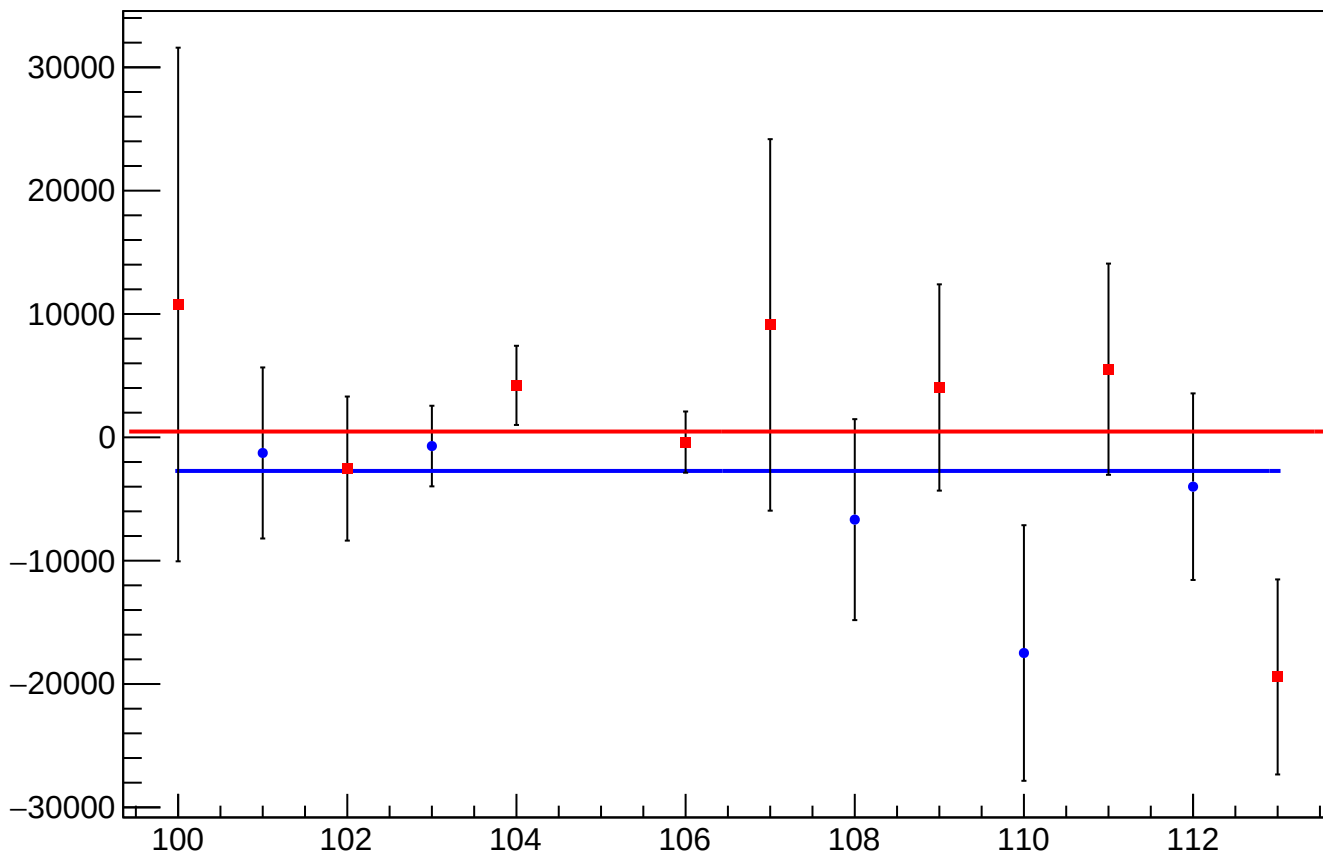
Right: 1897.807 $\pm$ 0.577 χ^2 /NDF: 371609.7/12

In: 1924.994 $\pm$ 0.884 χ^2 /NDF:277798.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1897.807 $\pm$ 0.577 χ^2 /NDF: 371609.7/12

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: 470.201+/-1716.368 χ^2/NDF : 9.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

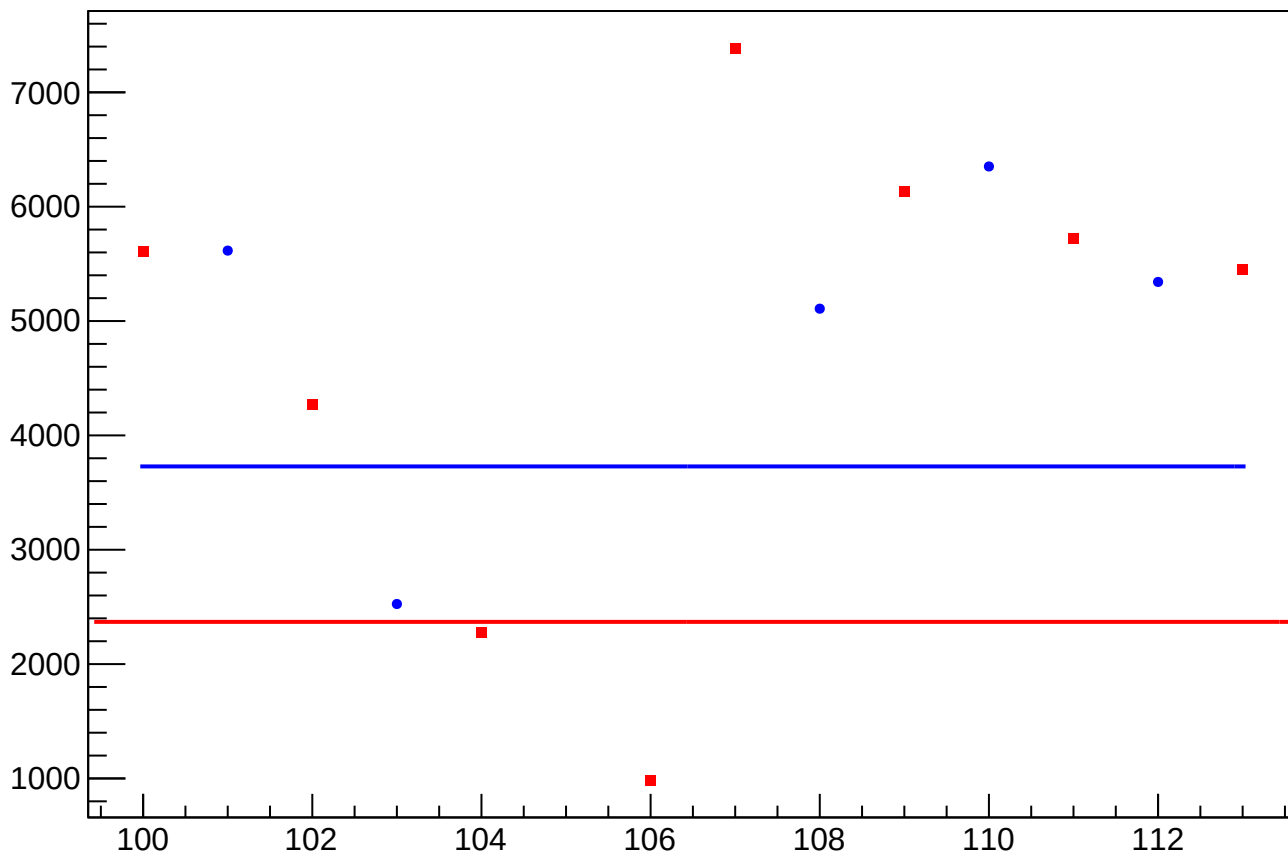
Right: -537.077+/-1420.245 χ^2/NDF : 13.0/12

In: -2724.544+/-2529.337 χ^2/NDF : 2.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -537.077+/-1420.245 χ^2/NDF : 13.0/12

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: 2369.305+/-1.214 χ^2/NDF : 2124212.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

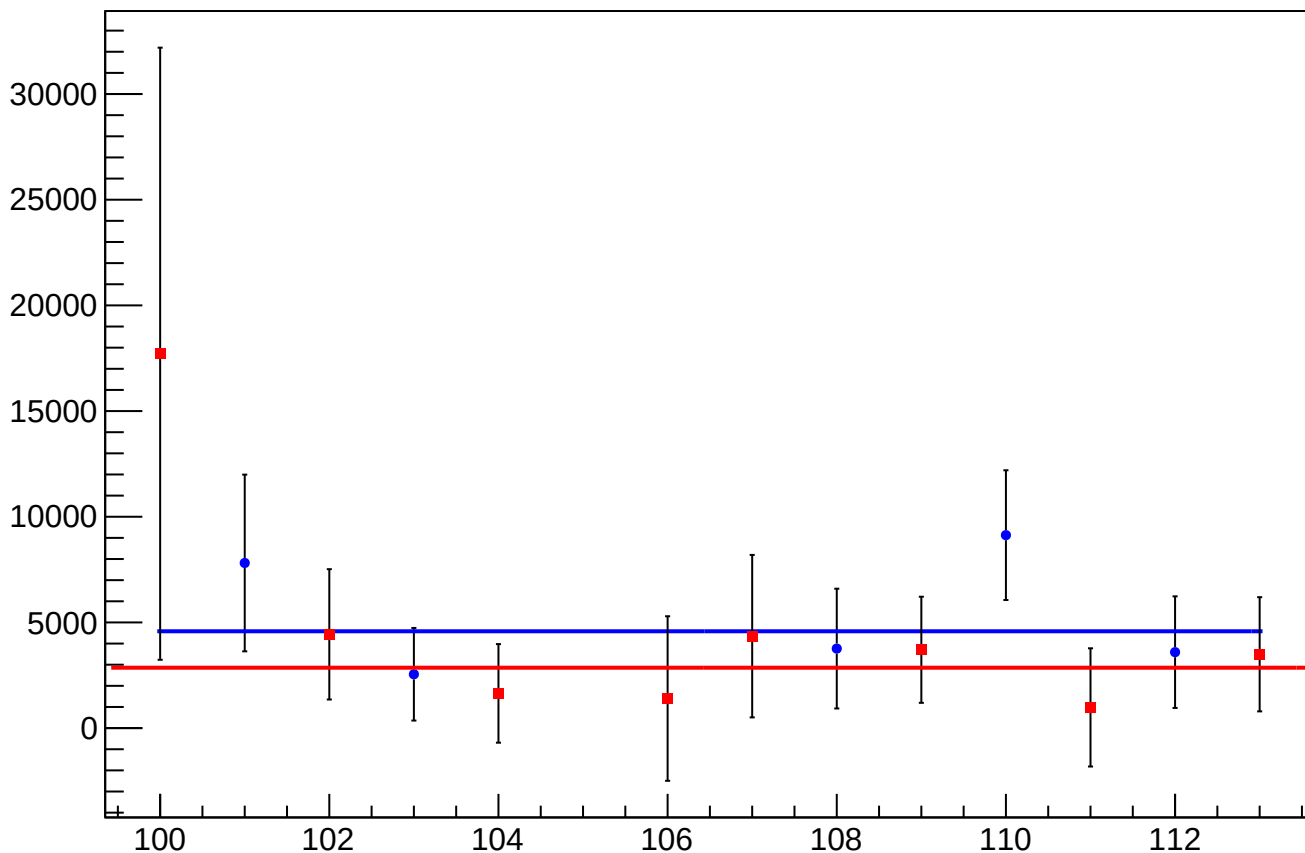
Right: 2797.884+/-1.004 χ^2/NDF : 3215472.4/12

In: 3728.614+/-1.789 χ^2/NDF : 695748.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2797.884+/-1.004 χ^2/NDF : 3215472.4/12

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: 2857.553+/-1083.966 χ^2/NDF : 2.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

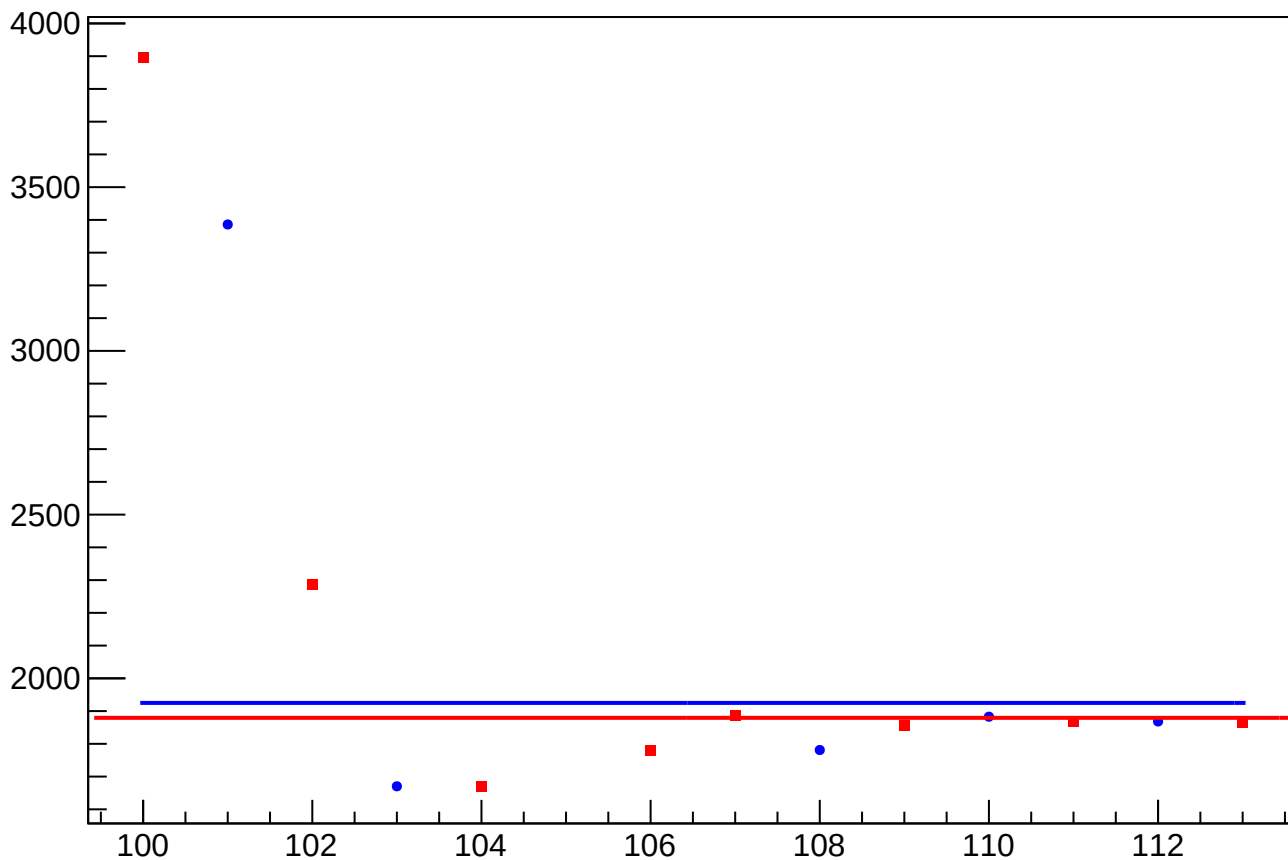
Right: 3597.495+/-818.980 χ^2/NDF : 7.5/12

In: 4581.719+/-1250.155 χ^2/NDF : 3.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3597.495+/-818.980 χ^2/NDF : 7.5/12

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: 1879.405+/-0.761 χ^2/NDF : 91548.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

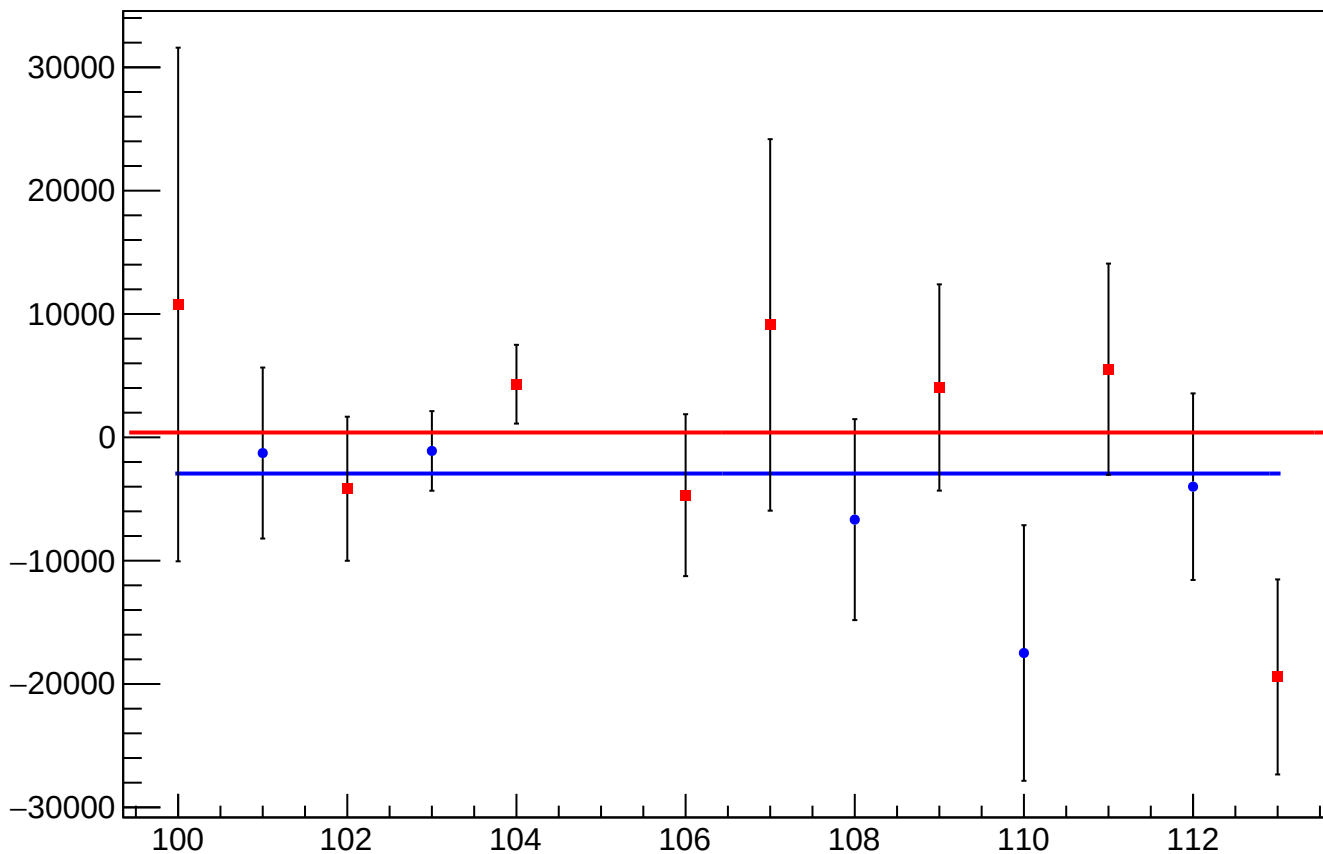
Right: 1898.823+/-0.577 χ^2/NDF : 370874.9/12

In: 1924.994+/-0.884 χ^2/NDF : 277800.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1898.823+/-0.577 χ^2/NDF : 370874.9/12

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: 391.668+/-2229.216 χ^2/NDF : 10.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

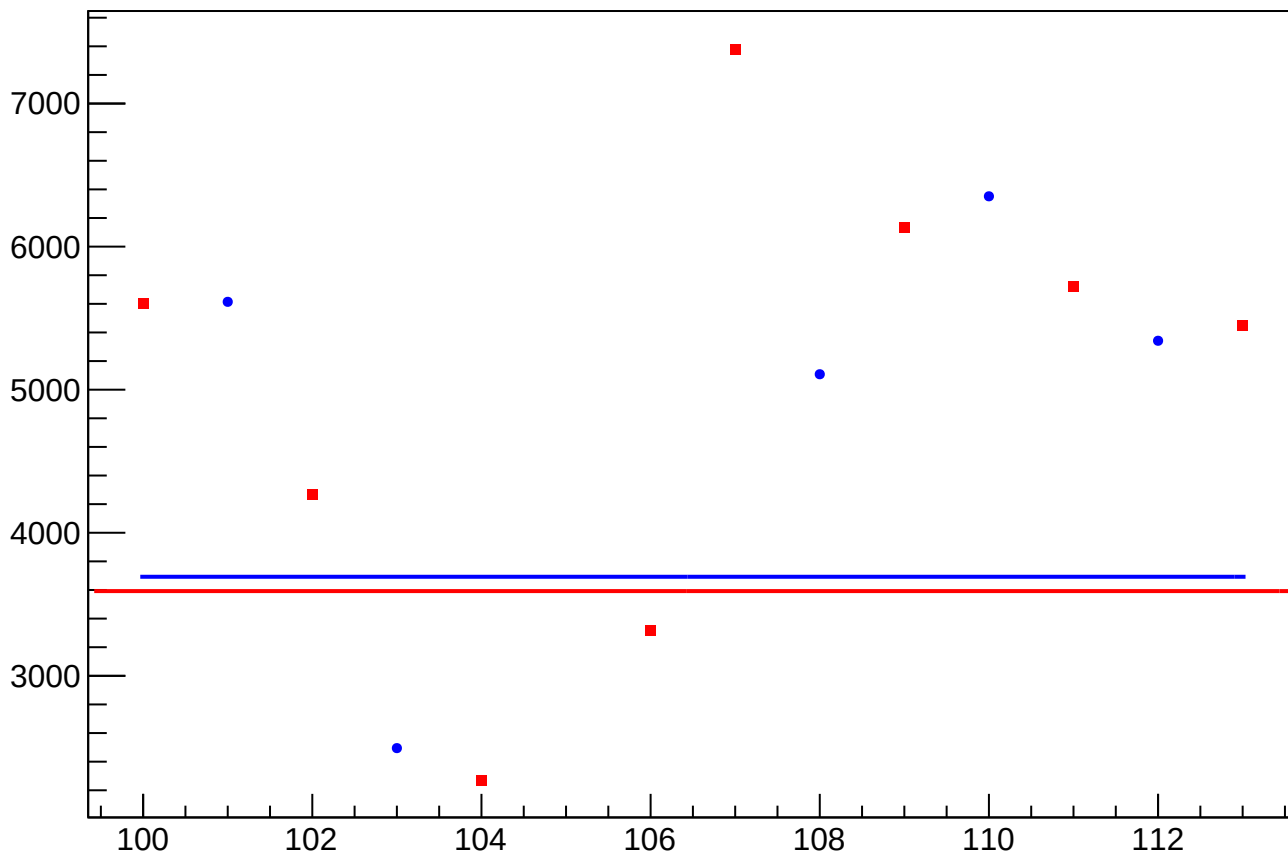
Right: -1074.692+/-1667.014 χ^2/NDF : 13.7/12

In: -2934.985+/-2510.861 χ^2/NDF : 2.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1074.692+/-1667.014 χ^2/NDF : 13.7/12

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: 3592.279+/-1.576 χ^2/NDF : 937461.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

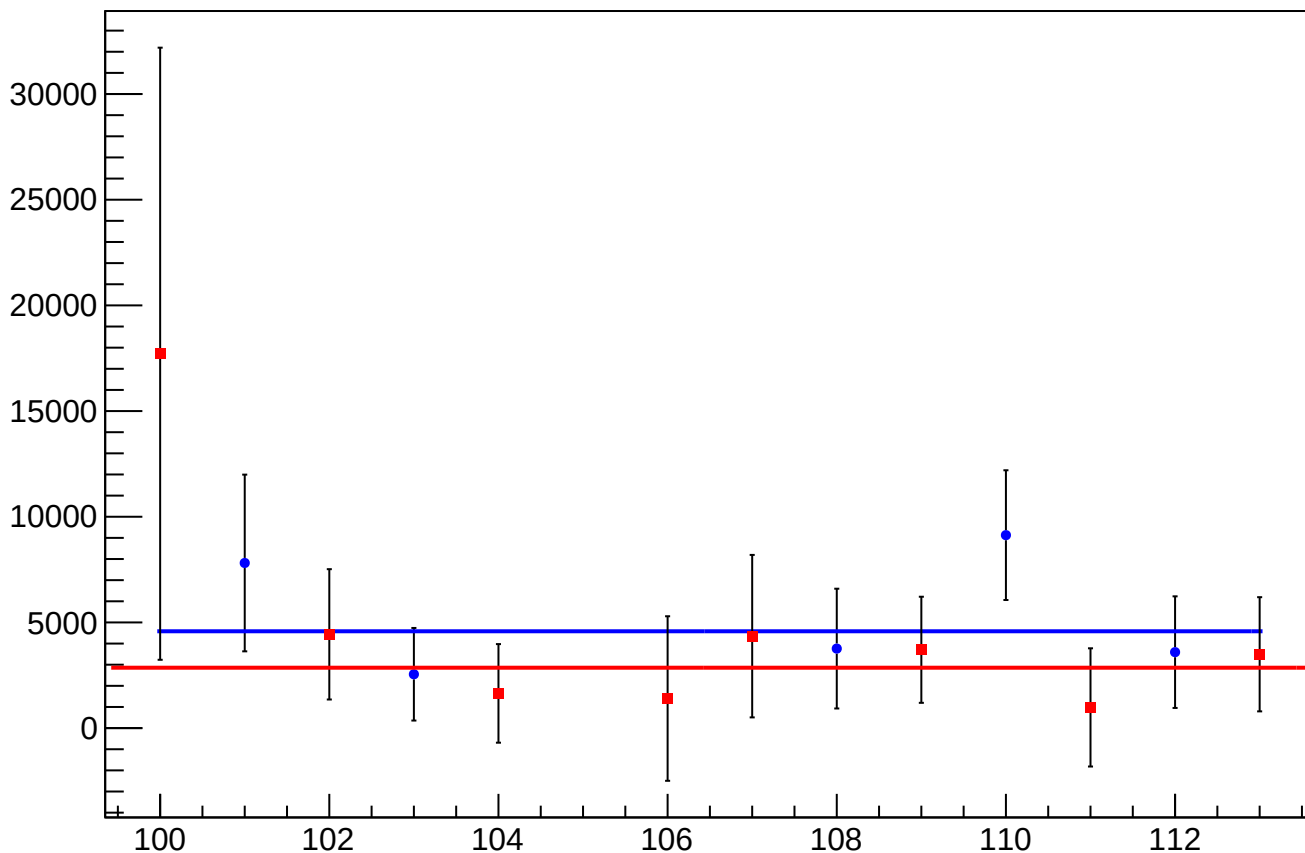
Right: 3636.426+/-1.179 χ^2/NDF : 1655474.0/12

In: 3692.434+/-1.775 χ^2/NDF : 716232.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3636.426+/-1.179 χ^2/NDF : 1655474.0/12

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: 2857.553+/-1083.966 χ^2/NDF : 2.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

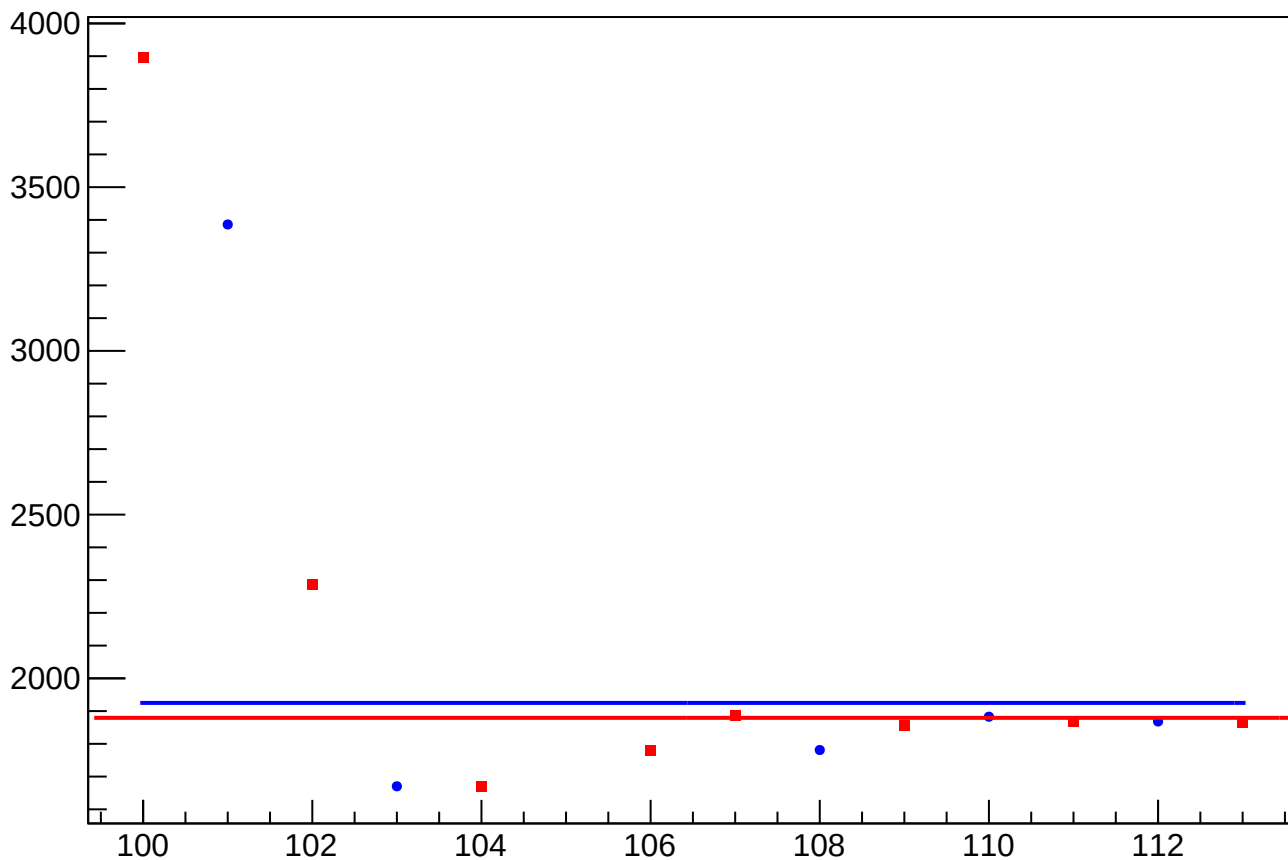
Right: 3597.495+/-818.980 χ^2/NDF : 7.5/12

In: 4581.719+/-1250.155 χ^2/NDF : 3.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3597.495+/-818.980 χ^2/NDF : 7.5/12

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: 1879.405+/-0.761 χ^2/NDF : 91548.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

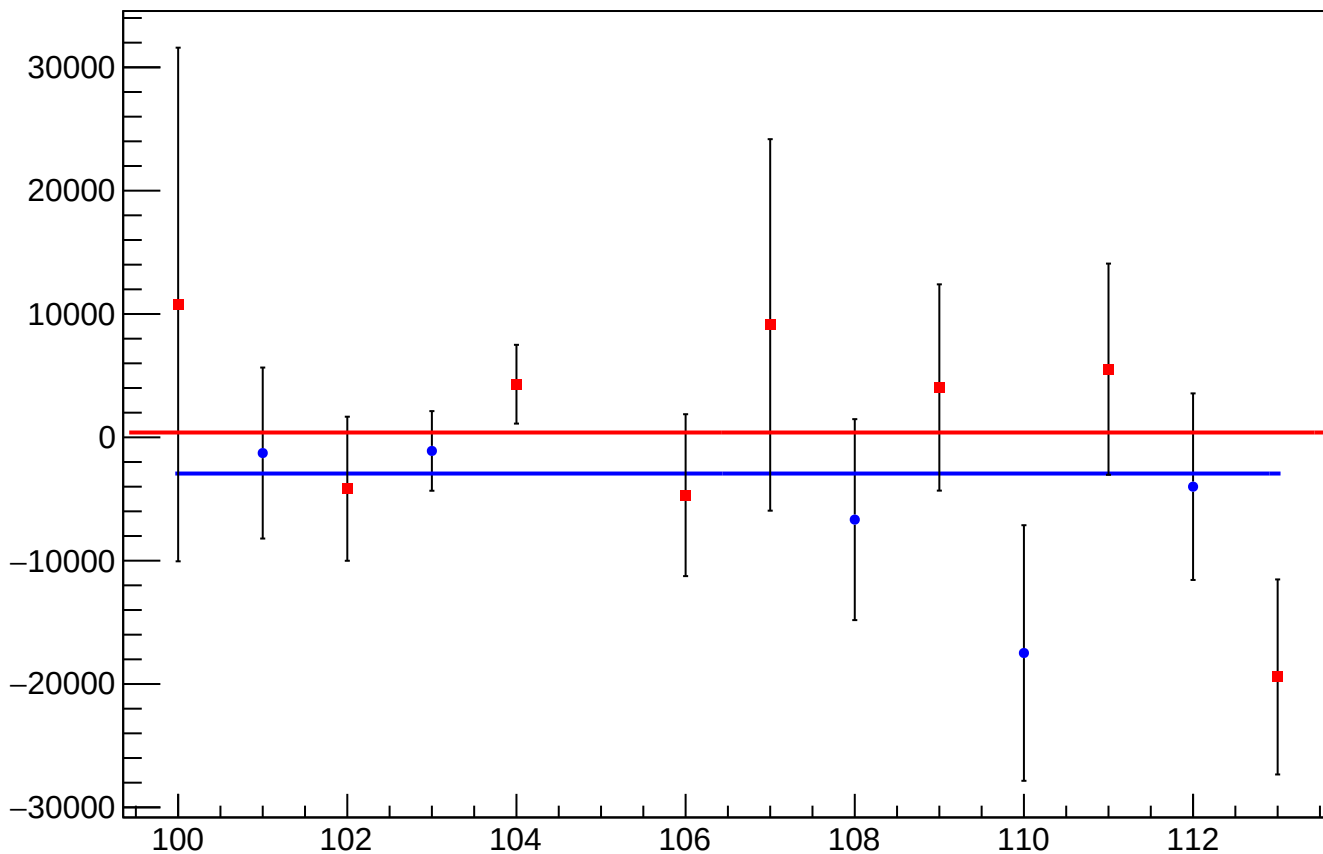
Right: 1898.823+/-0.577 χ^2/NDF : 370874.9/12

In: 1924.994+/-0.884 χ^2/NDF : 277800.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1898.823+/-0.577 χ^2/NDF : 370874.9/12

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: 391.668+/-2229.216 χ^2/NDF : 10.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

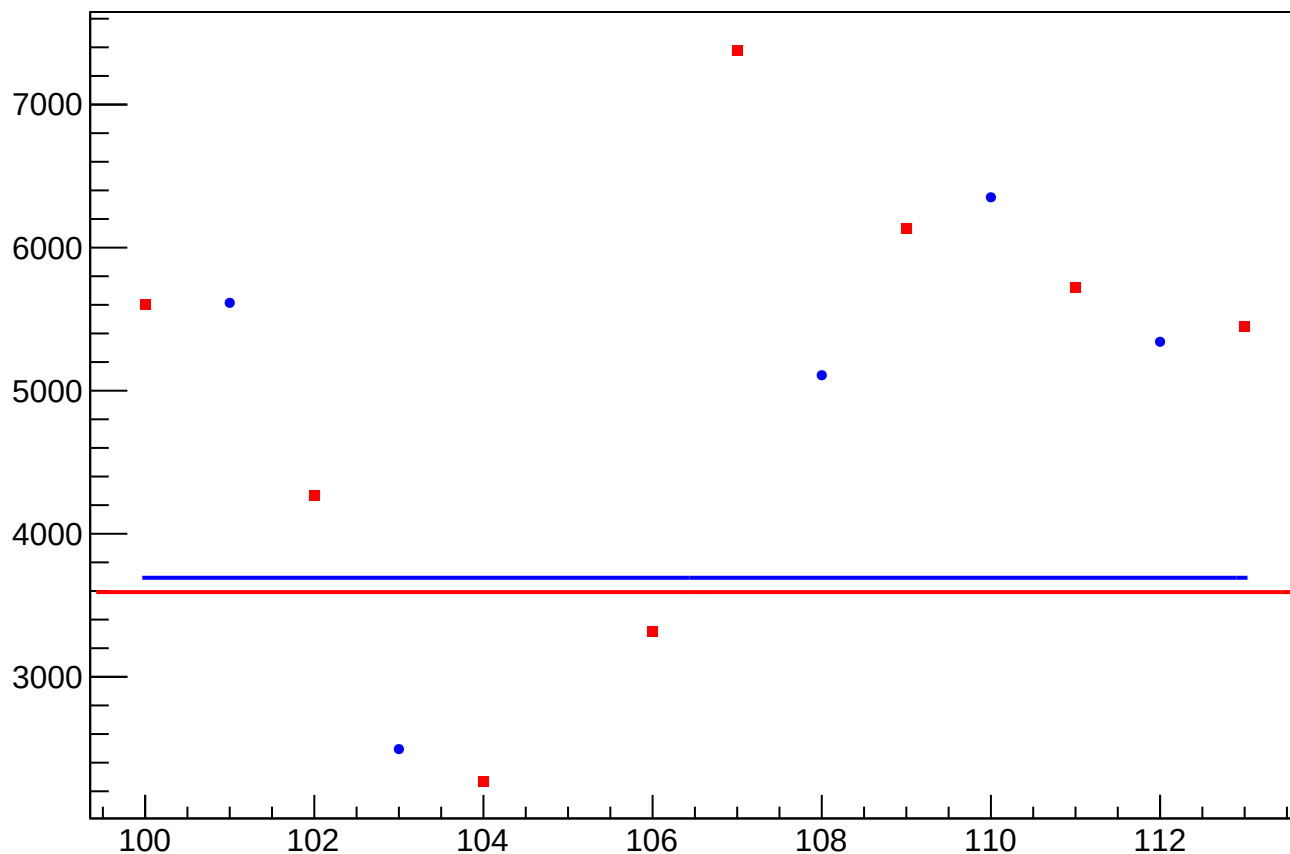
Right: -1074.692+/-1667.014 χ^2/NDF : 13.7/12

In: -2934.985+/-2510.861 χ^2/NDF : 2.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1074.692+/-1667.014 χ^2/NDF : 13.7/12

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: 3592.279+/-1.576 χ^2/NDF : 937461.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

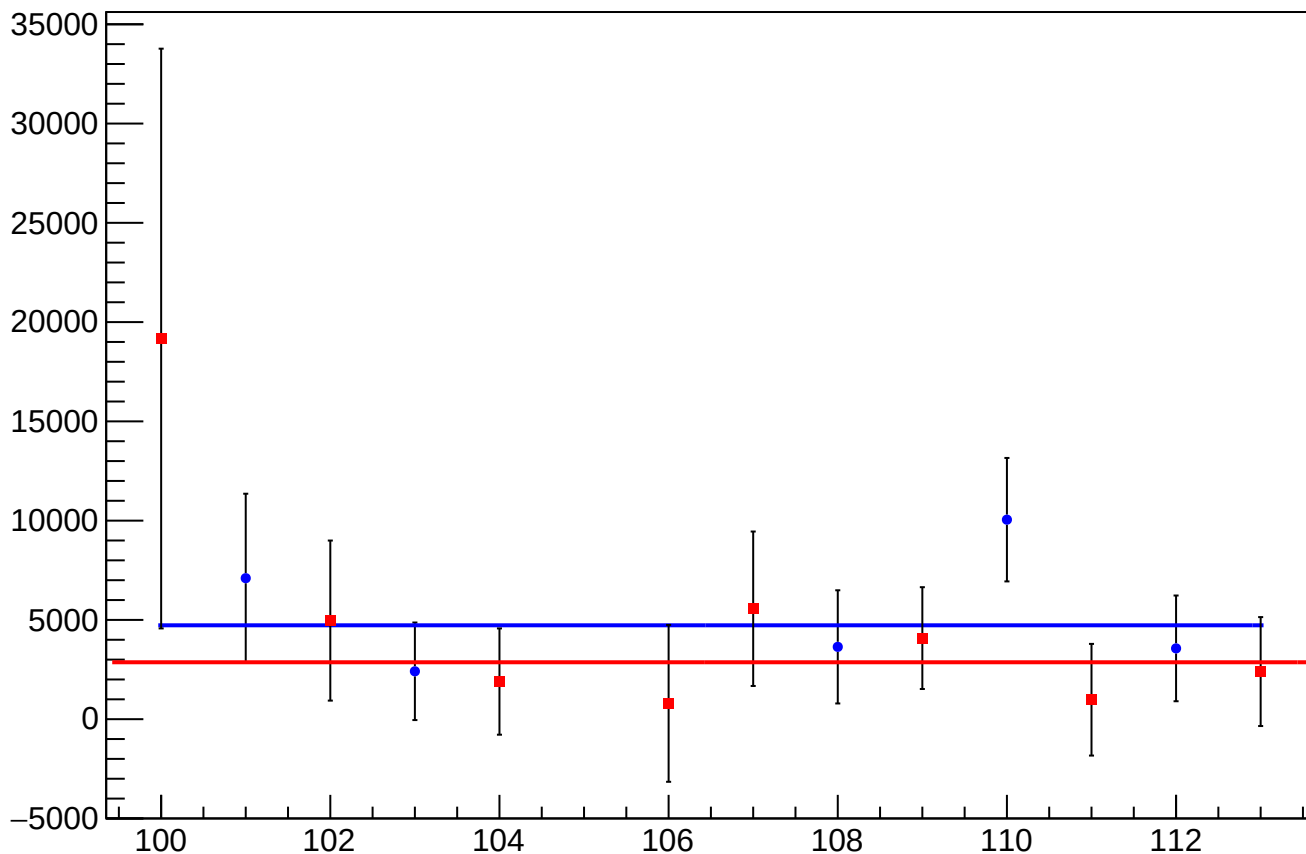
Right: 3636.426+/-1.179 χ^2/NDF : 1655474.0/12

In: 3692.434+/-1.775 χ^2/NDF : 716232.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3636.426+/-1.179 χ^2/NDF : 1655474.0/12

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: 2866.563+/-1156.727 χ^2/NDF : 3.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

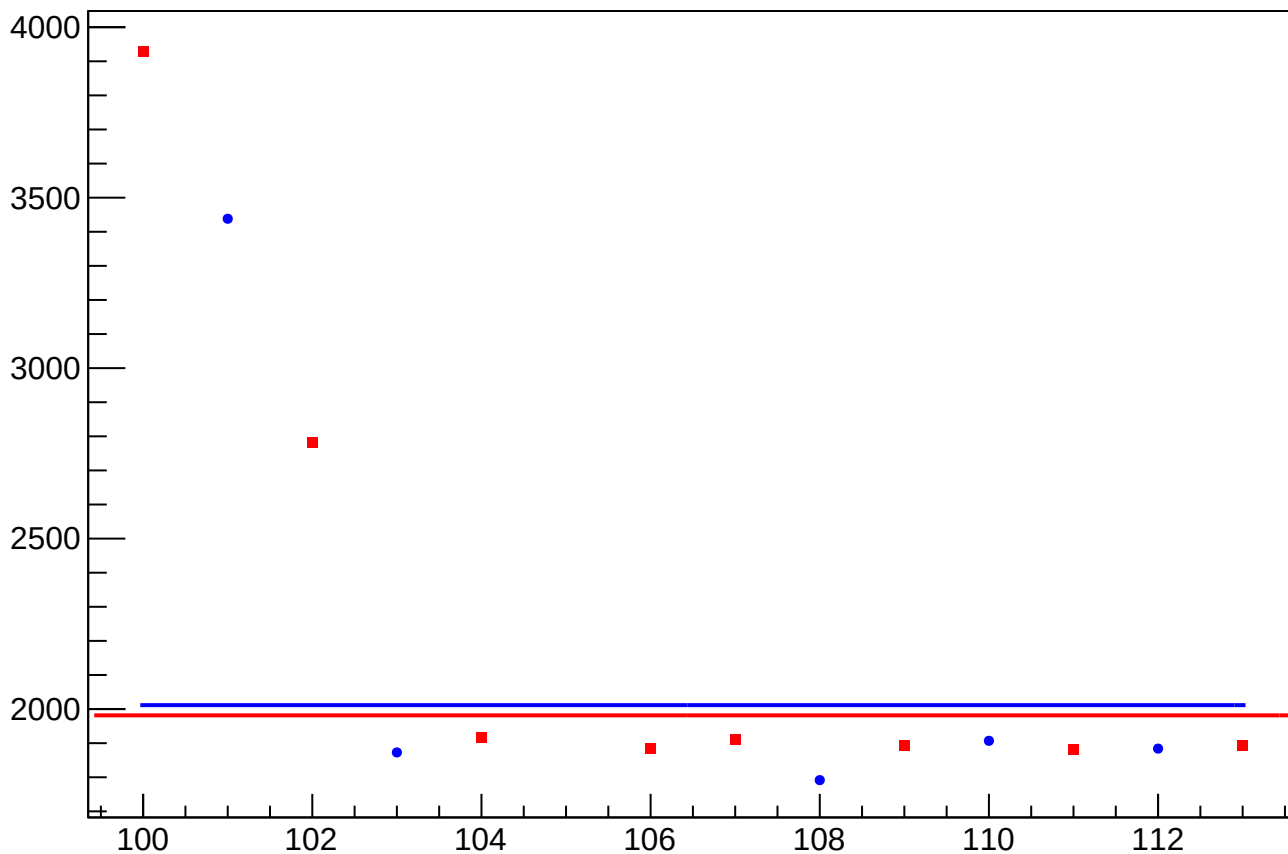
Right: 3686.909+/-865.170 χ^2/NDF : 8.7/12

In: 4728.552+/-1303.442 χ^2/NDF : 4.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3686.909+/-865.170 χ^2/NDF : 8.7/12

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: 1981.619+/-0.816 χ^2/NDF : 124413.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

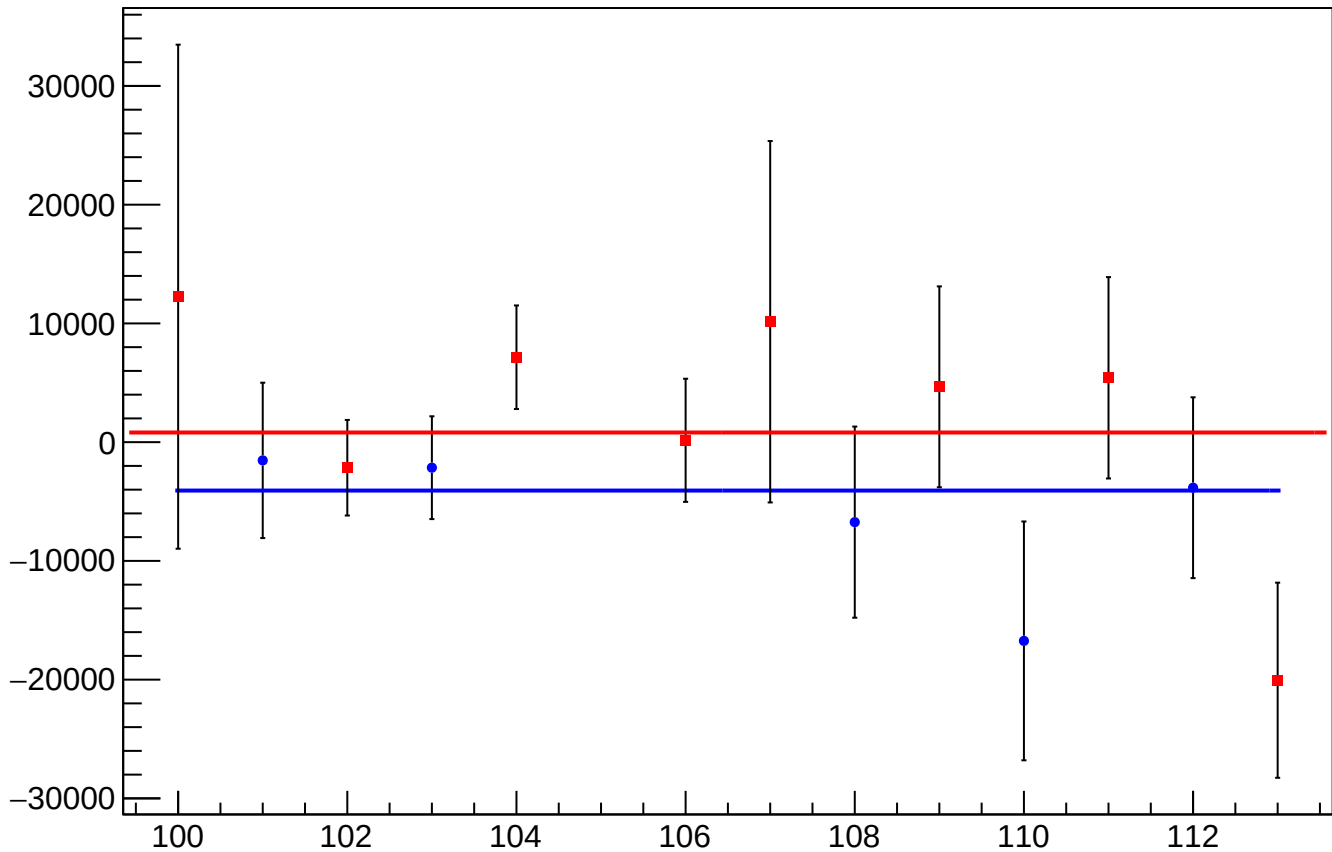
Right: 1994.760+/-0.611 χ^2/NDF : 375138.0/12

In: 2011.539+/-0.922 χ^2/NDF : 250133.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1994.760+/-0.611 χ^2/NDF : 375138.0/12

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: 813.634+/-2232.154 χ^2/NDF : 10.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

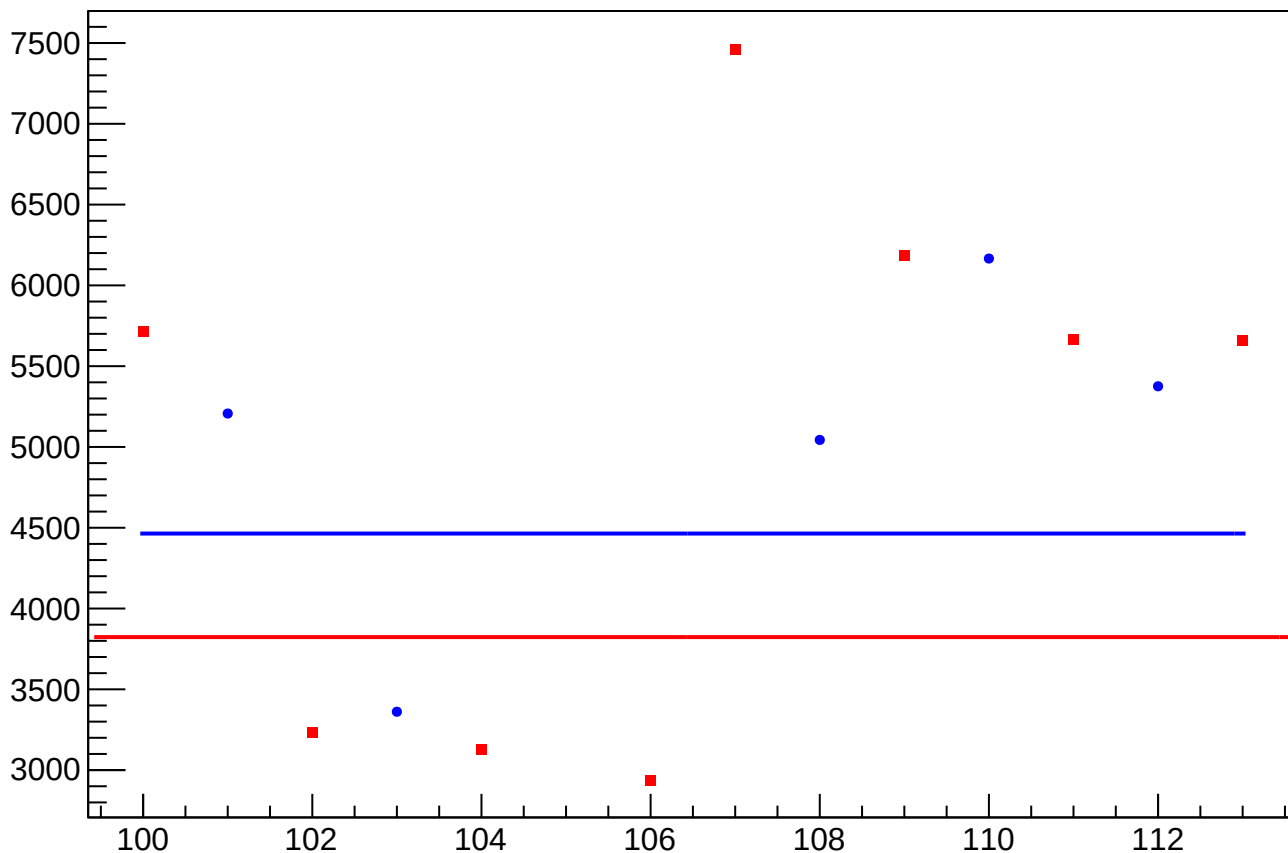
Right: -1009.113+/-1767.774 χ^2/NDF : 14.1/12

In: -4075.689+/-2895.263 χ^2/NDF : 2.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1009.113+/-1767.774 χ^2/NDF : 14.1/12

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: 3823.241+/-1.578 χ^2/NDF : 632149.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

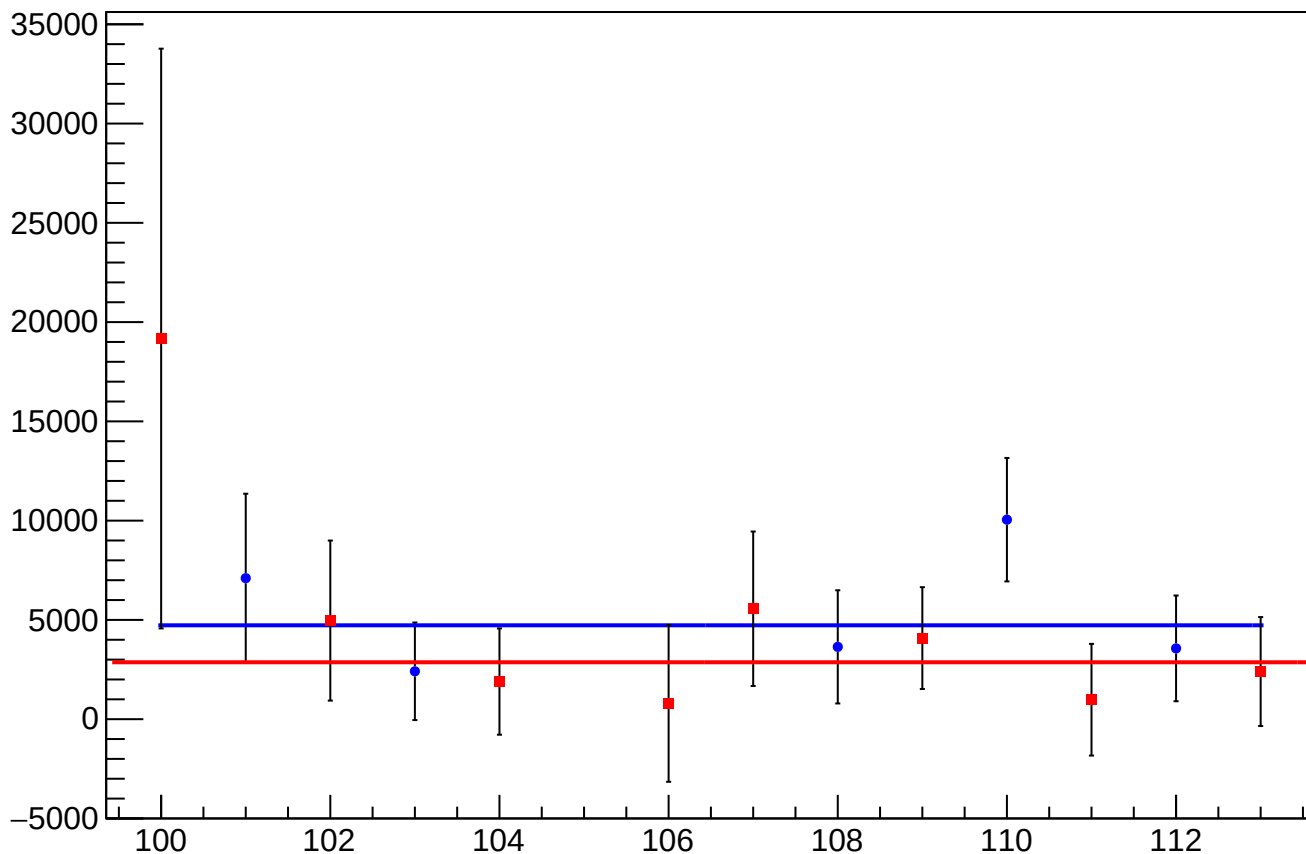
Right: 4062.143+/-1.250 χ^2/NDF : 945509.5/12

In: 4464.071+/-2.047 χ^2/NDF : 251907.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4062.143+/-1.250 χ^2/NDF : 945509.5/12

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: 2866.561+/-1156.726 χ^2/NDF : 3.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

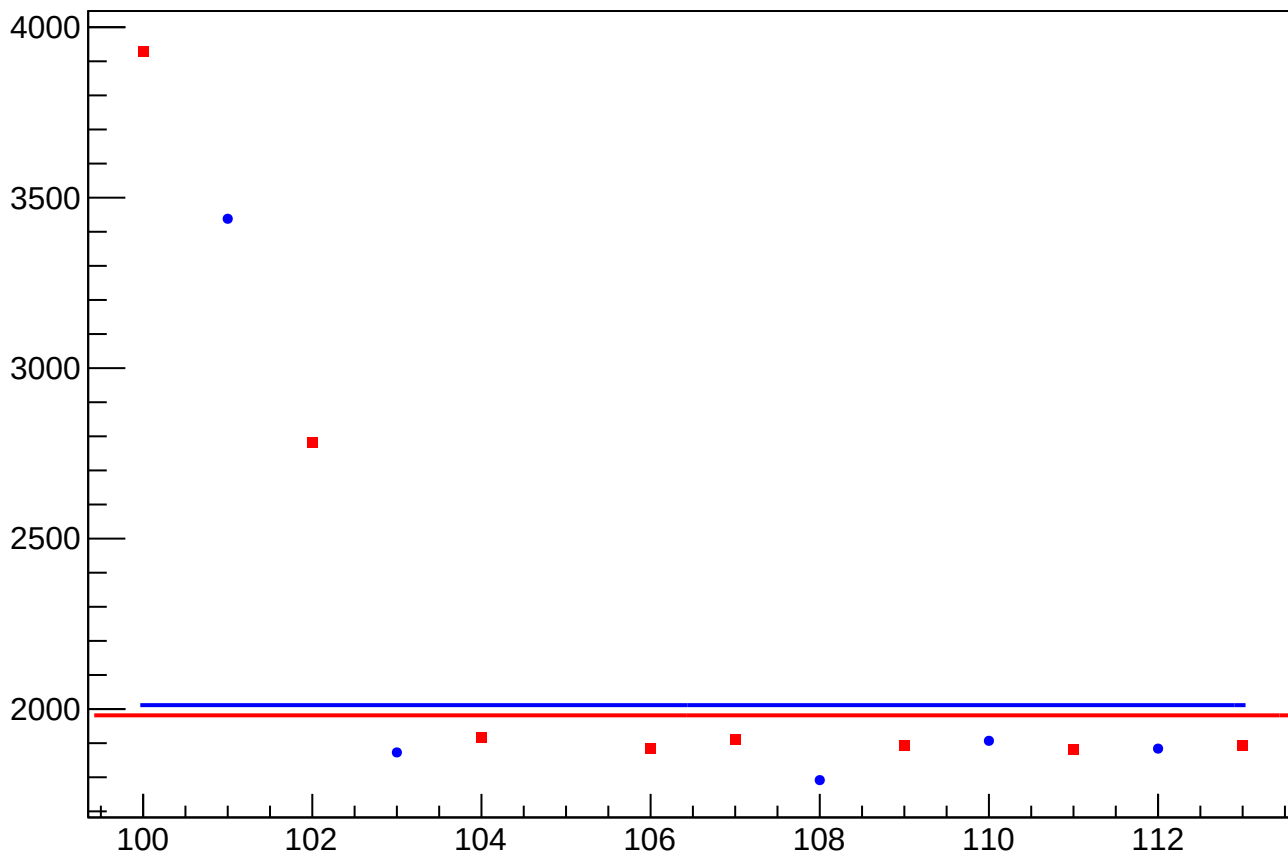
Right: 3686.910+/-865.170 χ^2/NDF : 8.7/12

In: 4728.557+/-1303.441 χ^2/NDF : 4.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3686.910+/-865.170 χ^2/NDF : 8.7/12

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: 1981.618+/-0.816 χ^2/NDF : 124412.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

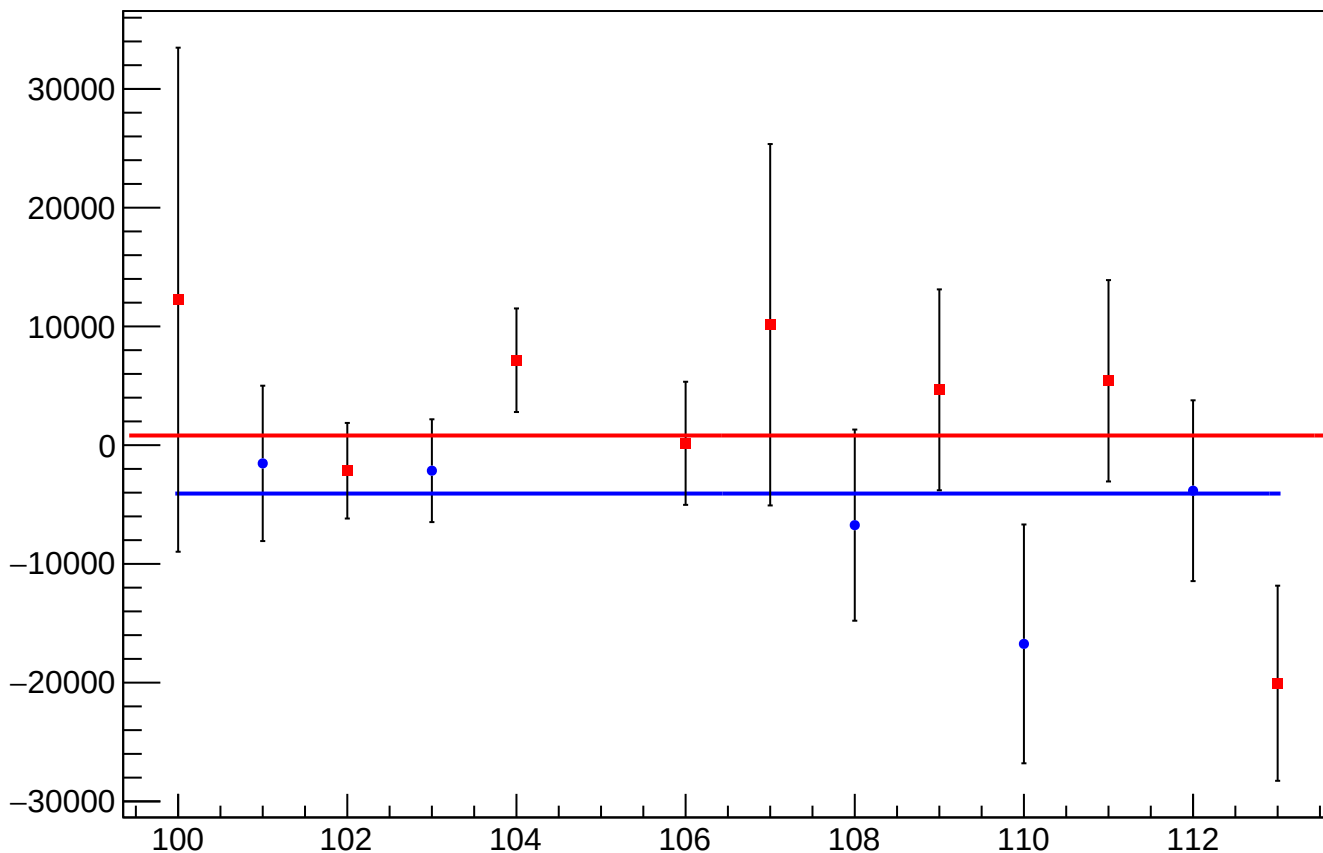
Right: 1994.759+/-0.611 χ^2/NDF : 375137.9/12

In: 2011.538+/-0.922 χ^2/NDF : 250134.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1994.759+/-0.611 χ^2/NDF : 375137.9/12

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: 813.633+/-2232.149 χ^2/NDF : 10.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

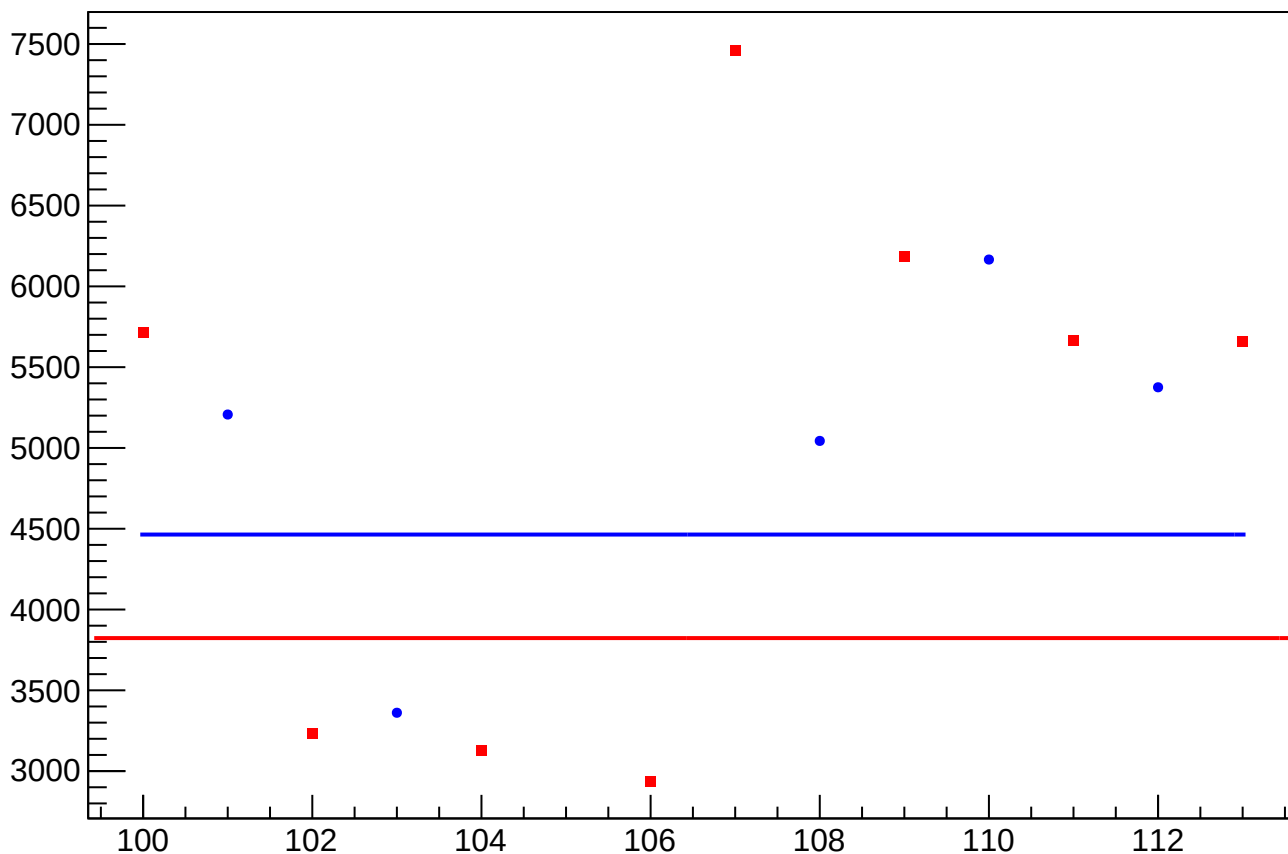
Right: -1009.112+/-1767.770 χ^2/NDF : 14.1/12

In: -4075.687+/-2895.257 χ^2/NDF : 2.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1009.112+/-1767.770 χ^2/NDF : 14.1/12

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: 3823.232+/-1.578 χ^2/NDF : 632148.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

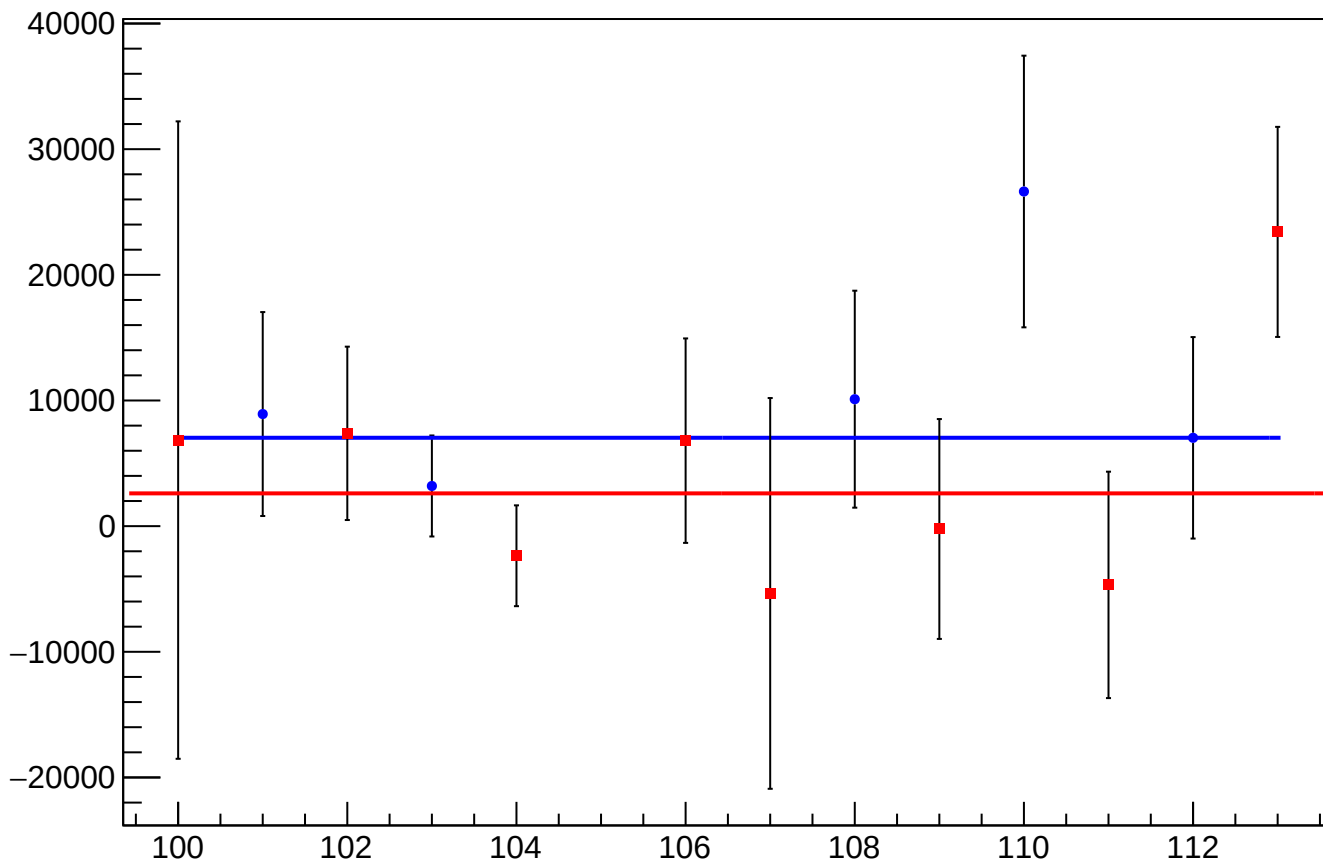
Right: 4062.134+/-1.250 χ^2/NDF : 945509.8/12

In: 4464.062+/-2.047 χ^2/NDF : 251907.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4062.134+/-1.250 χ^2/NDF : 945509.8/12

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: 2608.227+/-2638.621 χ^2/NDF : 9.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

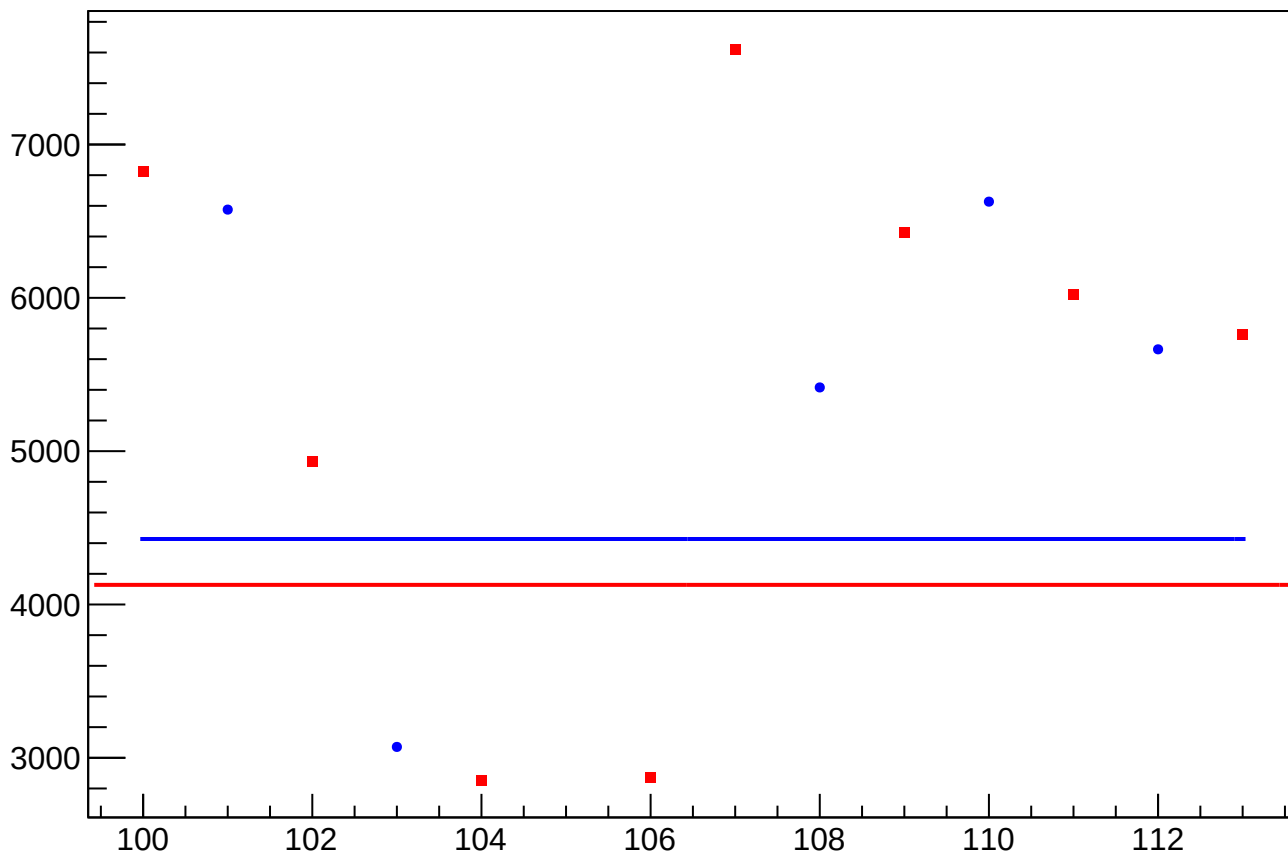
Right: 4572.346+/-1967.753 χ^2/NDF : 15.1/12

In: 7033.355+/-2953.586 χ^2/NDF : 4.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4572.346+/-1967.753 χ^2/NDF : 15.1/12

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: 4127.972+/-1.797 χ^2/NDF : 738792.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

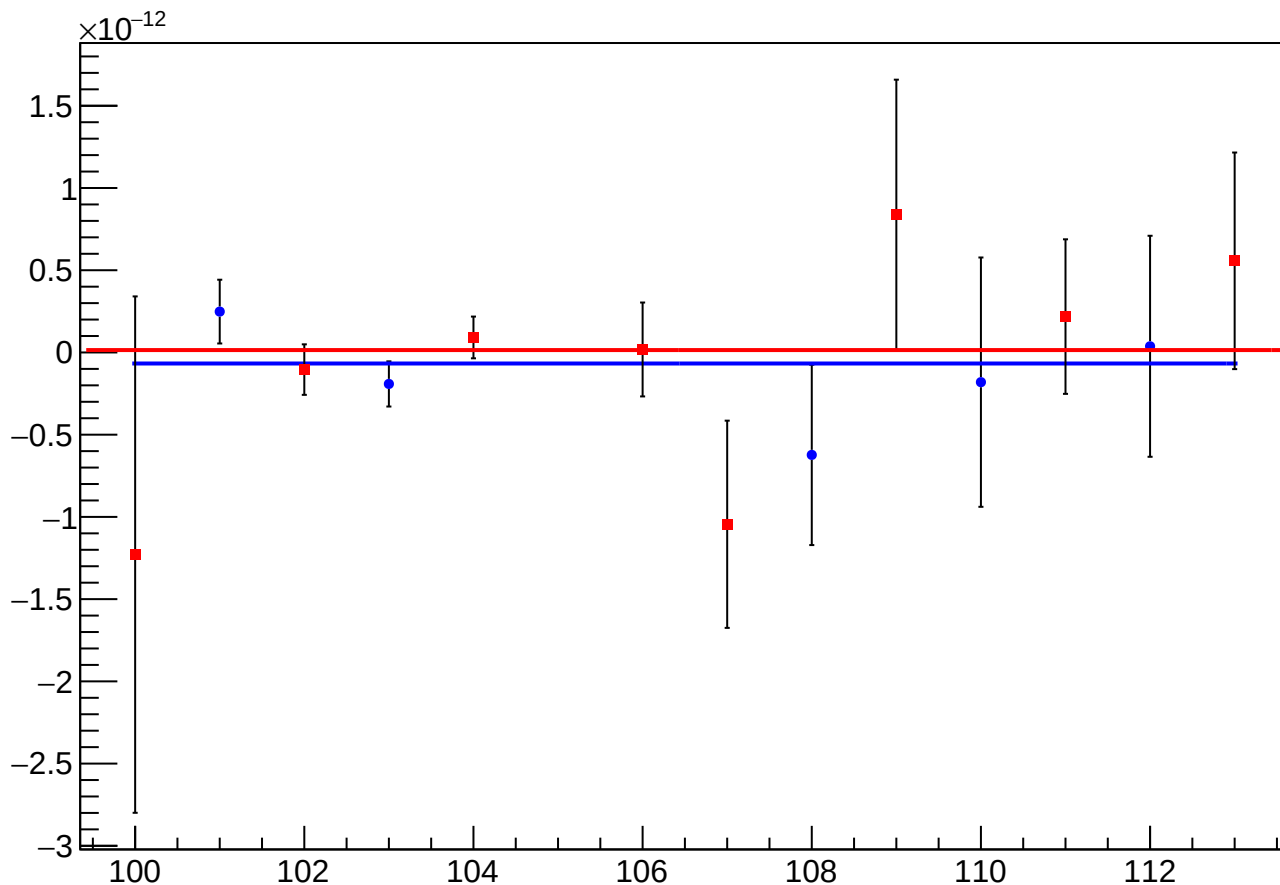
Right: 4255.200+/-1.362 χ^2/NDF : 1275161.6/12

In: 4427.099+/-2.088 χ^2/NDF : 524579.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4255.200+/-1.362 χ^2/NDF : 1275161.6/12

asym_us_avg_atlr_avg_avg_reg_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 : 6.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

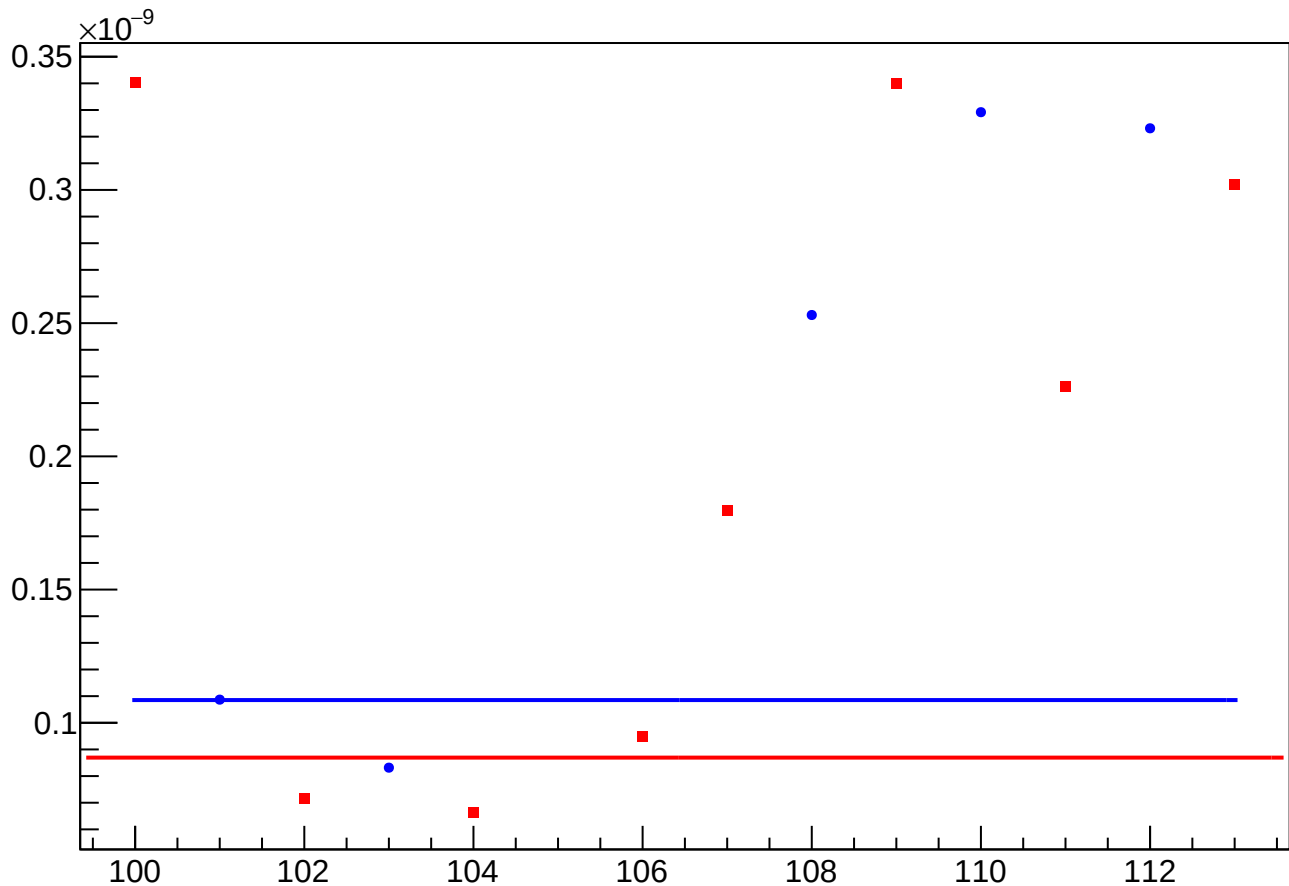
Right: -0.000+/-0.000 χ^2/NDF : 11.2/12

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 : 11.2/12

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 : 749023.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

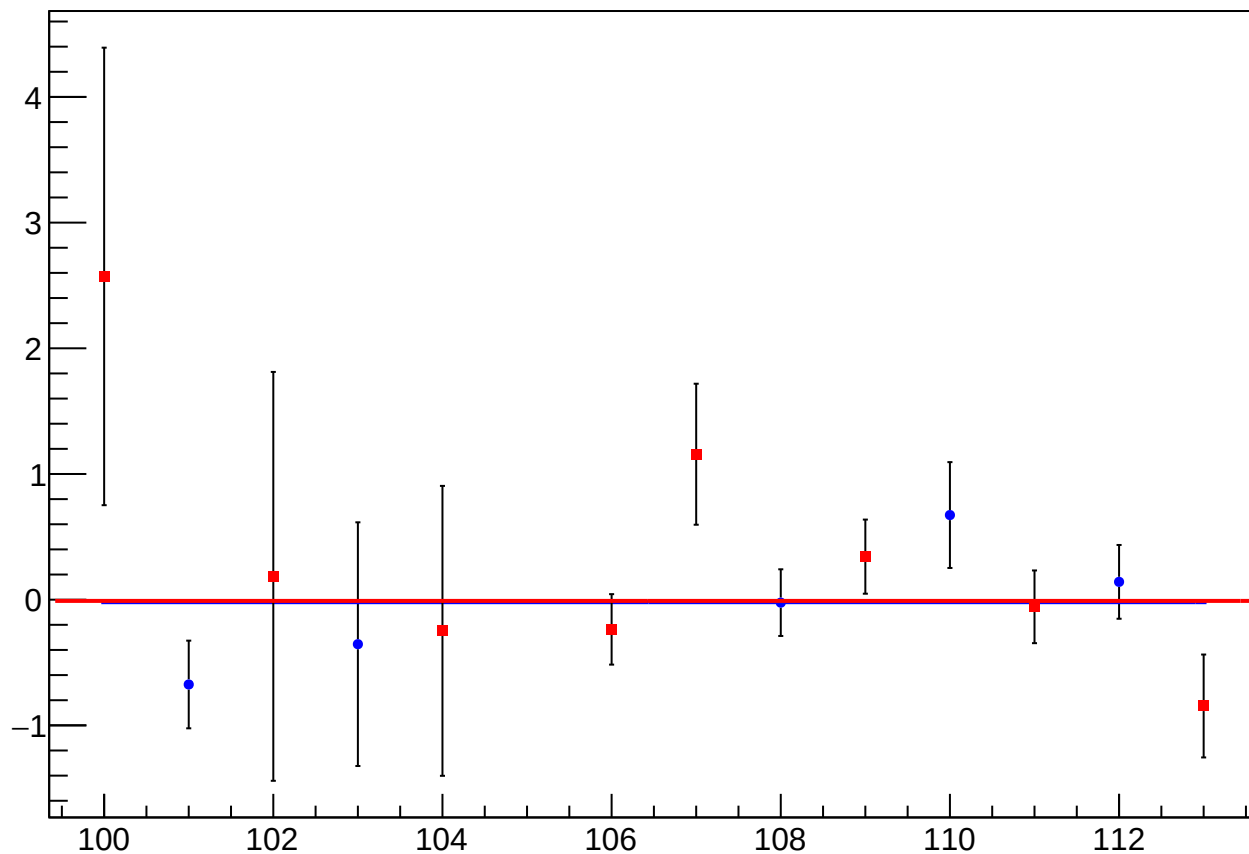
Right: 0.000+/-0.000 χ^2/NDF : 1377949.0/12

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 : 1377949.0/12

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: -0.010+/-0.146 χ^2/NDF : 12.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

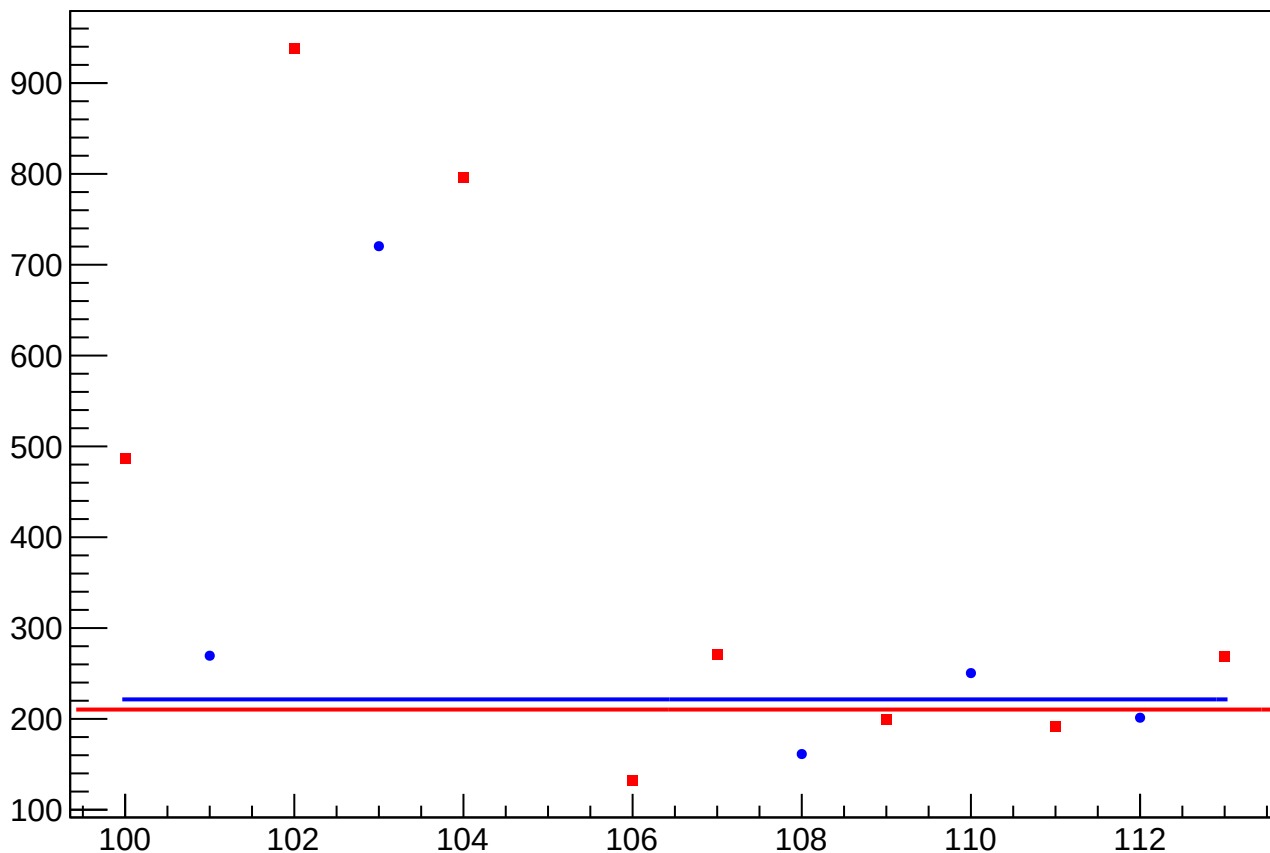
Right: -0.015+/-0.107 χ^2/NDF : 19.3/12

In: -0.020+/-0.157 χ^2/NDF :6.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.015+/-0.107 χ^2/NDF : 19.3/12

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: 210.291+/-0.103 χ^2/NDF : 1192311.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

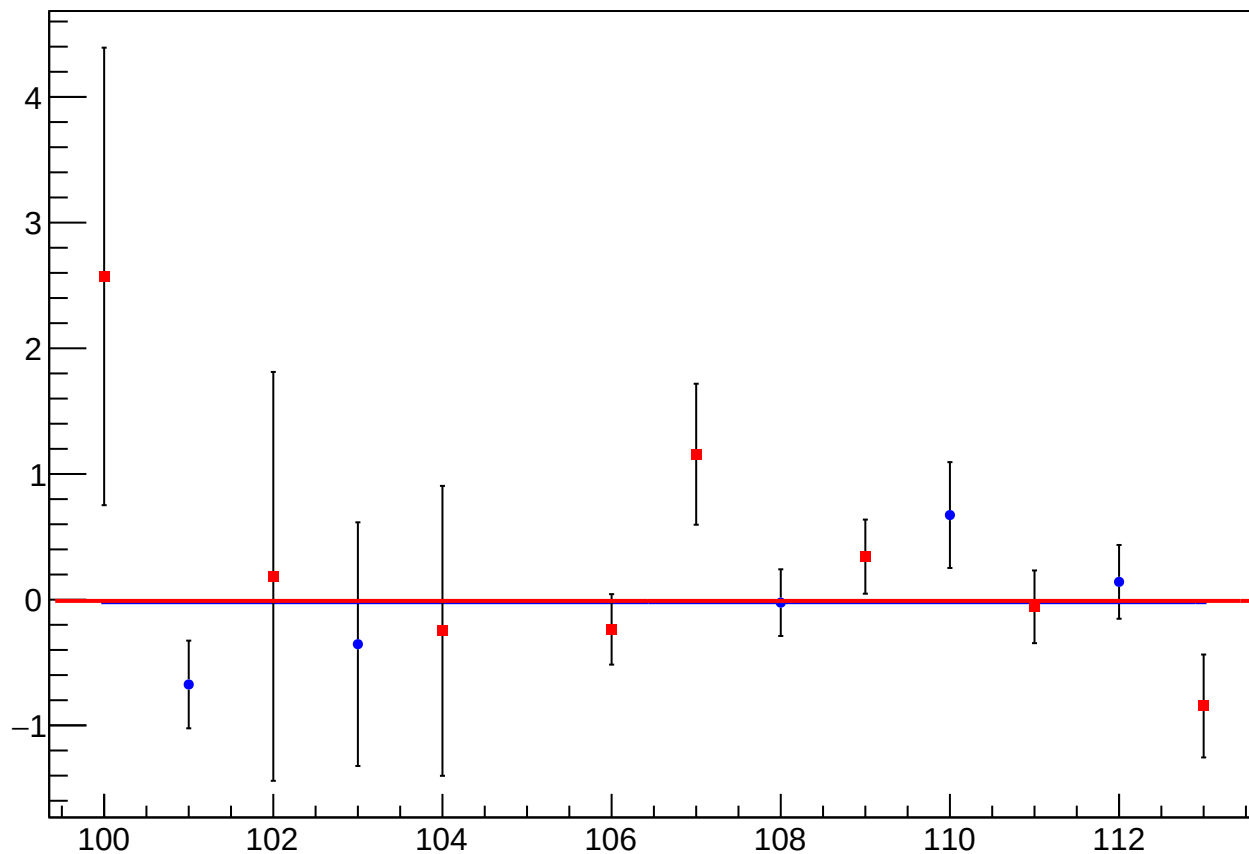
Right: 215.503+/-0.076 χ^2/NDF : 1887246.2/12

In: 221.483+/-0.111 χ^2/NDF :689480.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 215.503+/-0.076 χ^2/NDF : 1887246.2/12

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: -0.010 ± 0.146 χ^2/NDF : 12.7/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

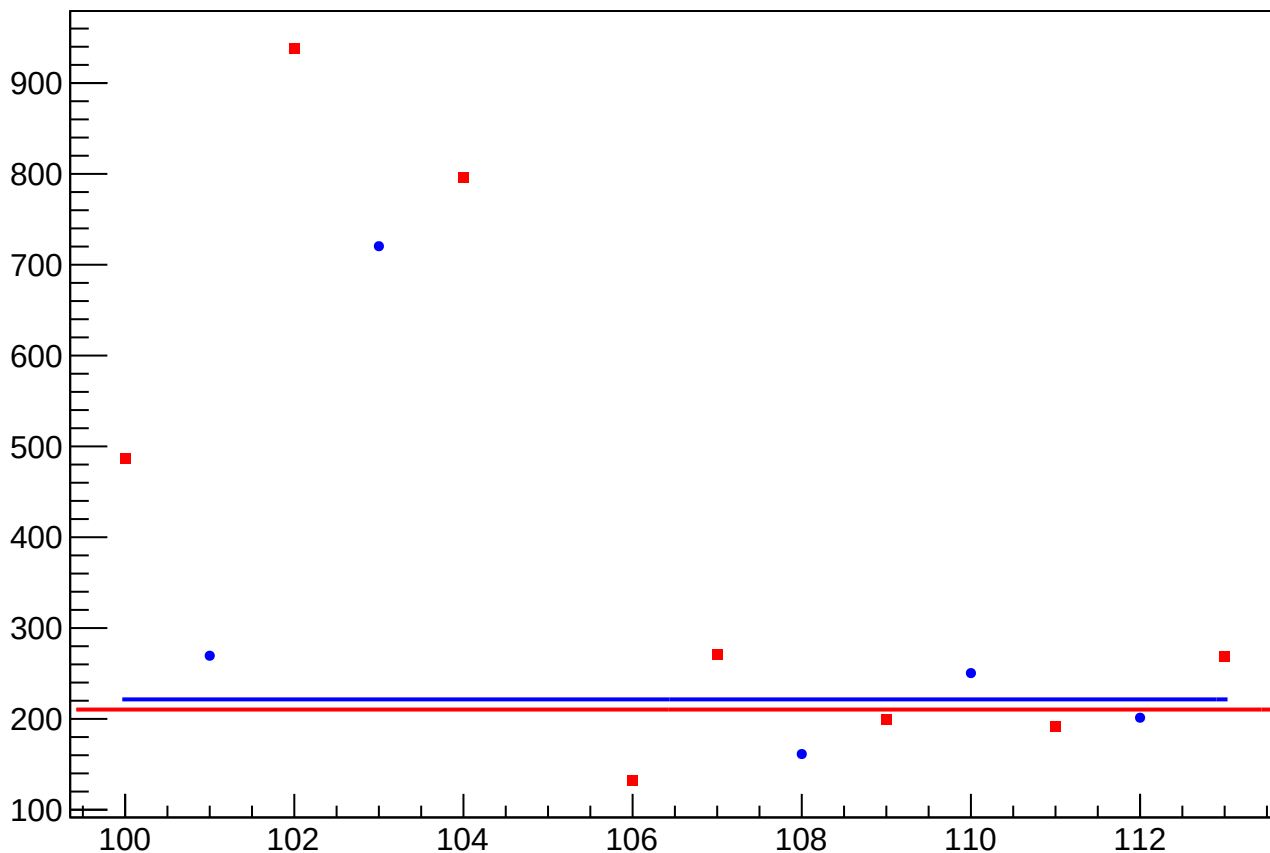
Right: -0.015 ± 0.107 χ^2/NDF : 19.3/12

In: -0.020 ± 0.157 χ^2/NDF : 6.7/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.015 ± 0.107 χ^2/NDF : 19.3/12

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: 210.291+/-0.103 χ^2/NDF : 1192311.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

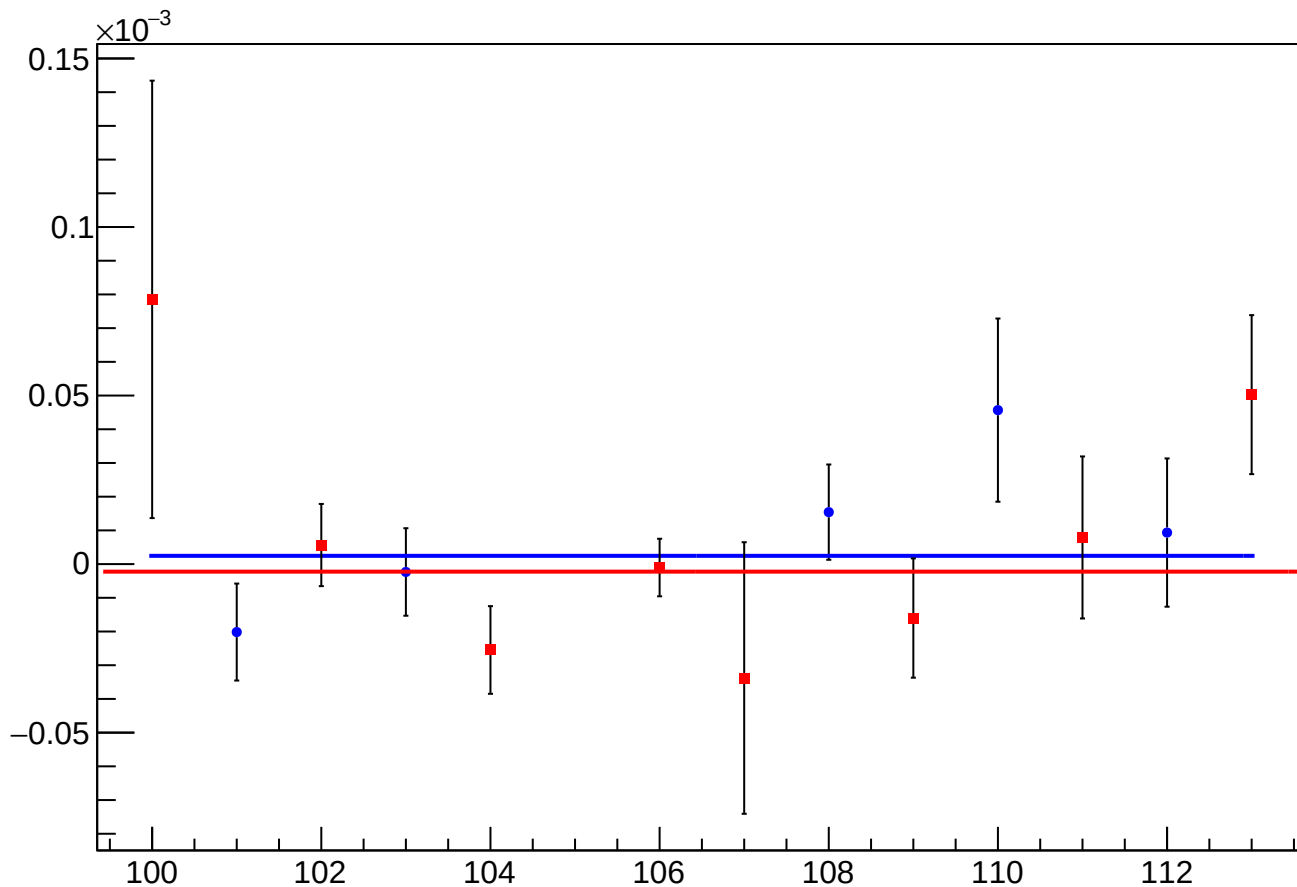
Right: 215.503+/-0.076 χ^2/NDF : 1887246.2/12

In: 221.483+/-0.111 χ^2/NDF : 689480.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 215.503+/-0.076 χ^2/NDF : 1887246.2/12

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 : 11.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

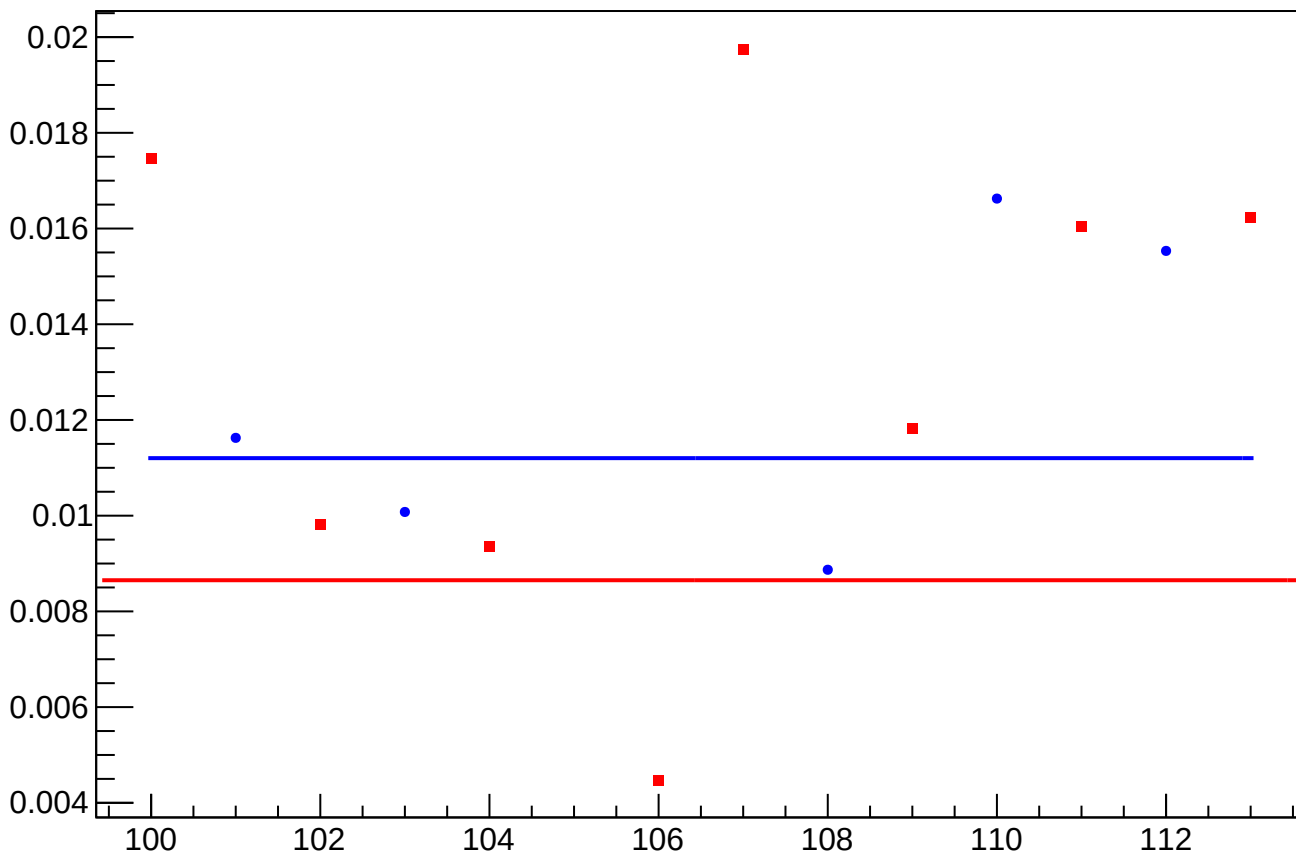
Right: -0.000+/-0.000 χ^2/NDF : 17.9/12

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 : 17.9/12

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: 0.009+/-0.000 χ^2/NDF : 1153923.3/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

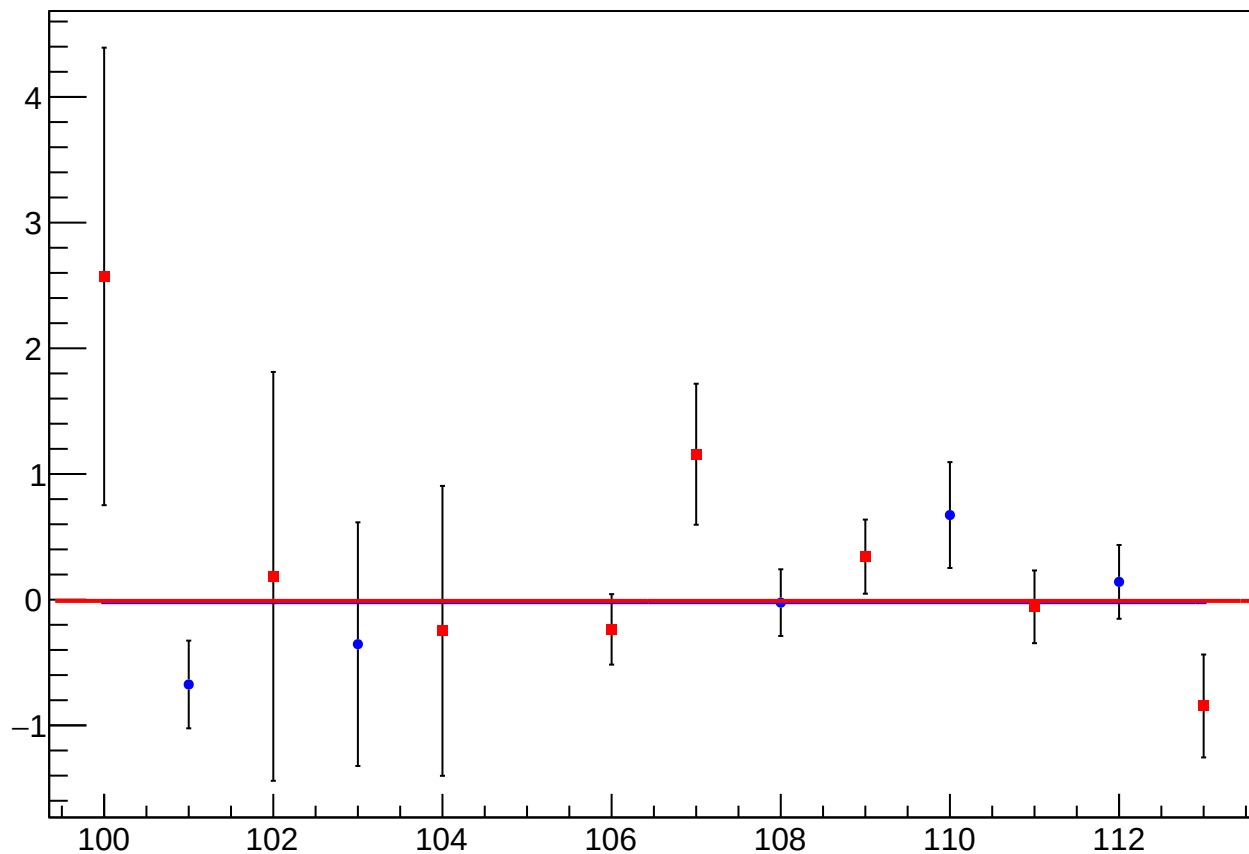
Right: 0.010+/-0.000 χ^2/NDF : 1541936.1/12

In: 0.011+/-0.000 χ^2/NDF :228417.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.000 χ^2/NDF : 1541936.1/12

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: -0.010+/-0.146 χ^2/NDF : 12.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

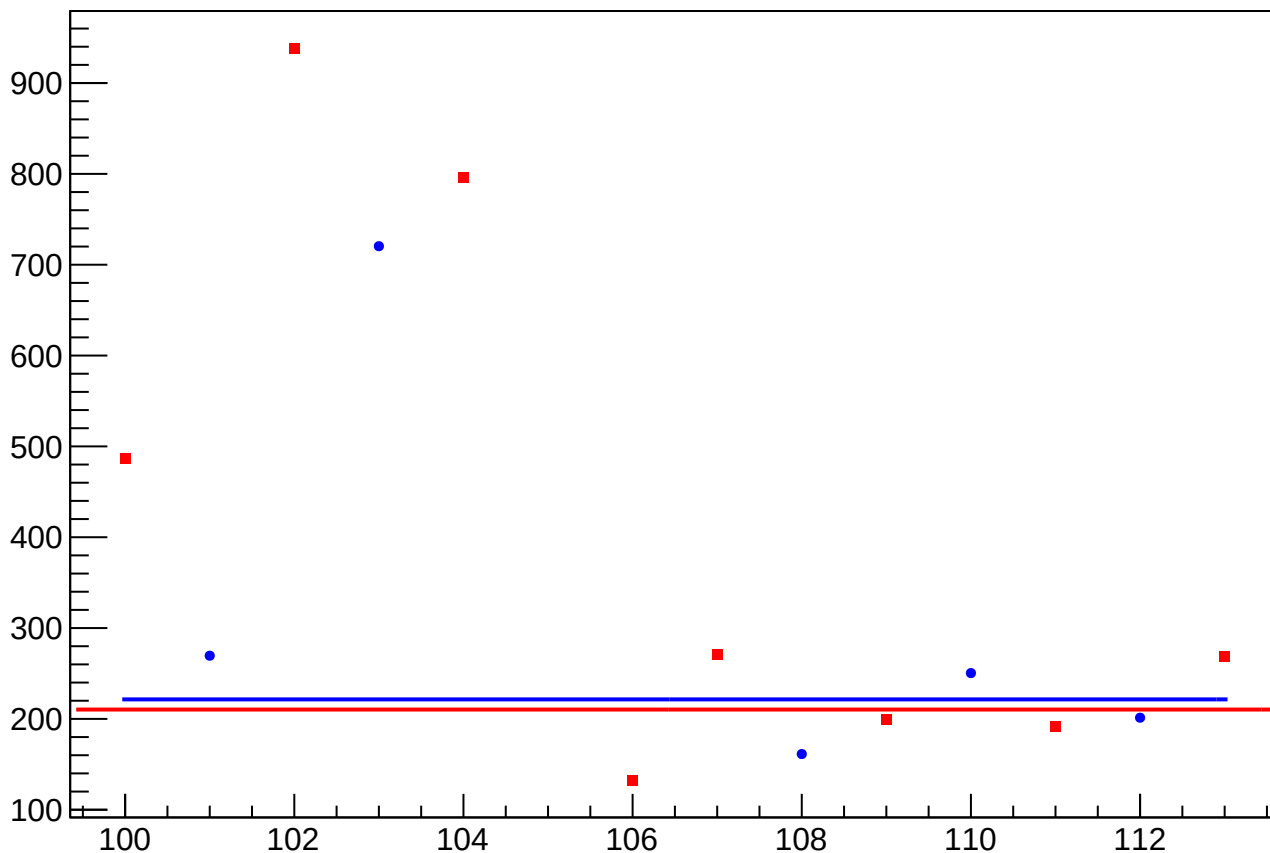
Right: -0.015+/-0.107 χ^2/NDF : 19.3/12

In: -0.020+/-0.157 χ^2/NDF :6.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.015+/-0.107 χ^2/NDF : 19.3/12

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: 210.292+/-0.103 χ^2/NDF : 1192298.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

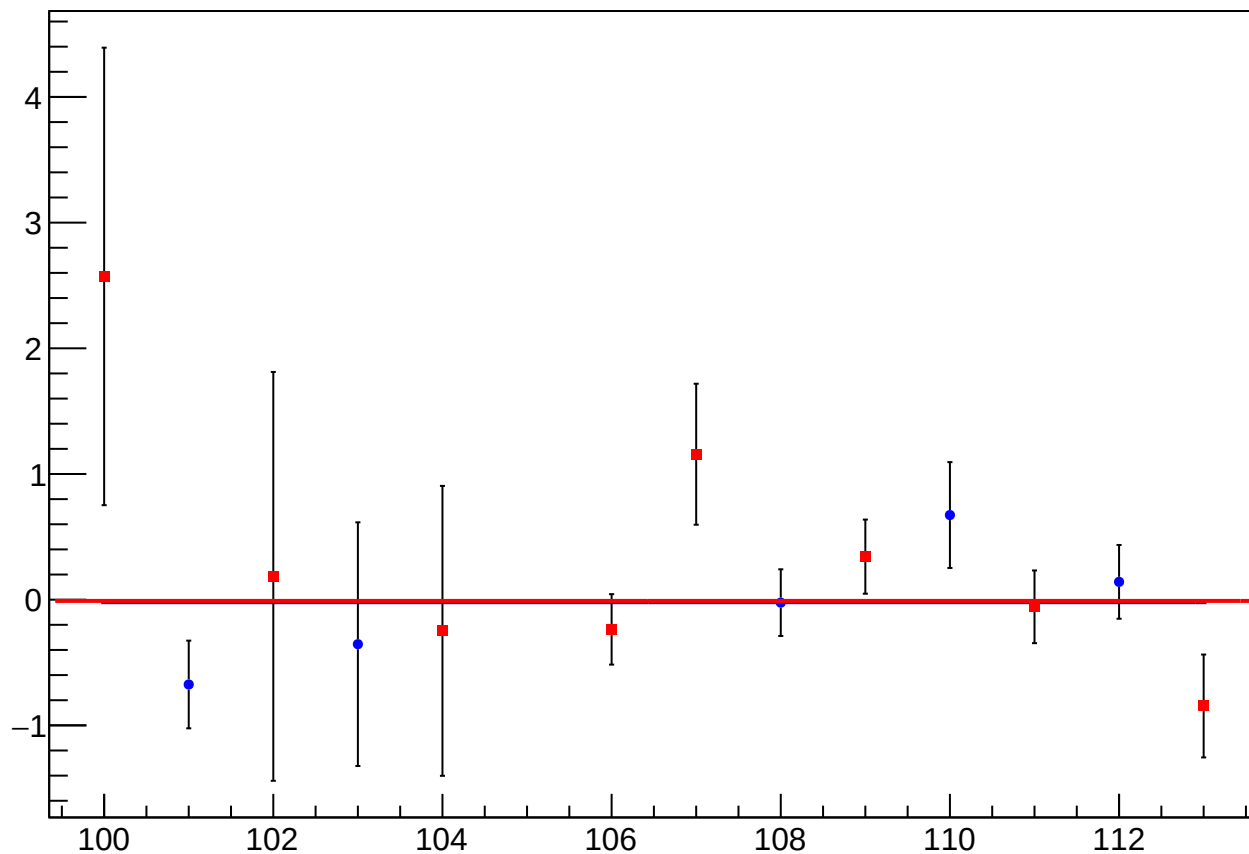
Right: 215.505+/-0.076 χ^2/NDF : 1887215.8/12

In: 221.487+/-0.111 χ^2/NDF : 689460.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 215.505+/-0.076 χ^2/NDF : 1887215.8/12

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: -0.010+/-0.146 χ^2/NDF : 12.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

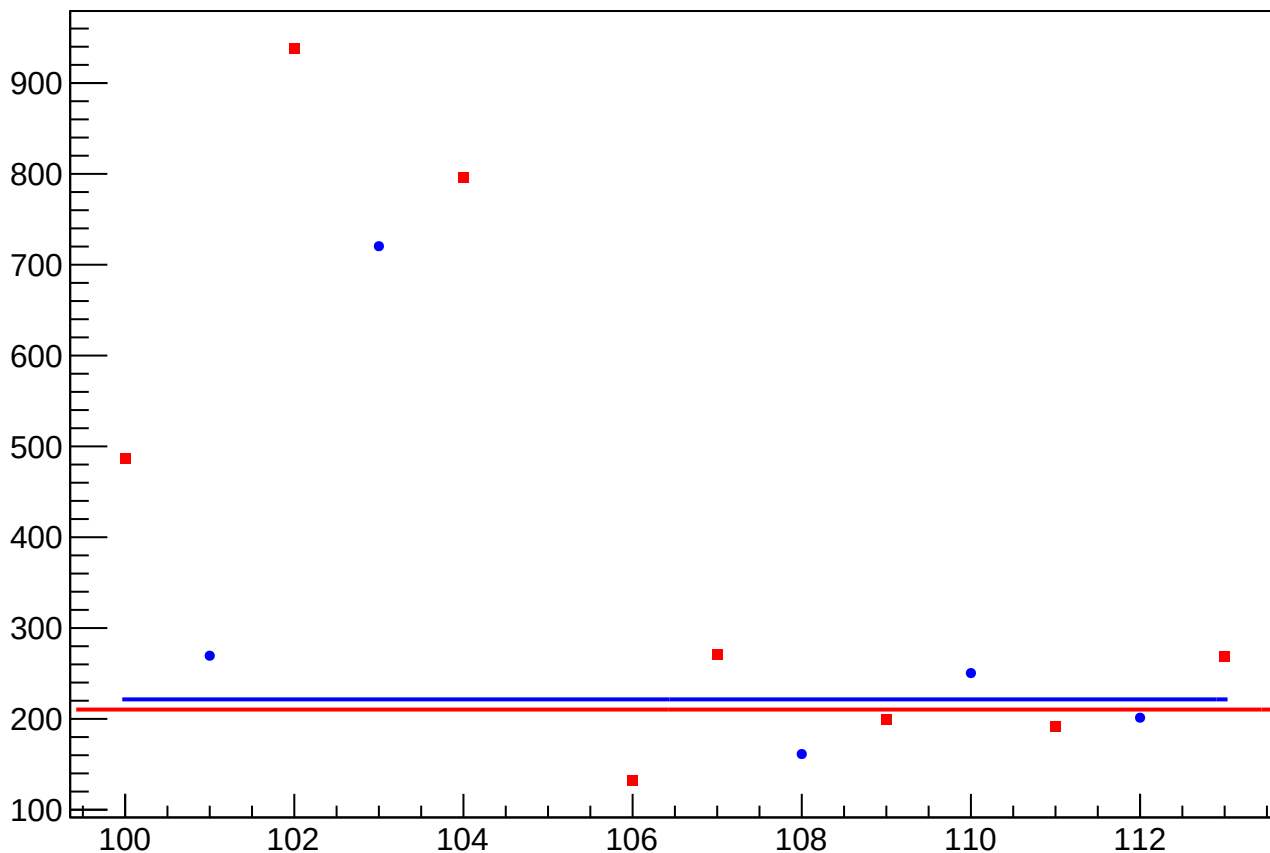
Right: -0.015+/-0.107 χ^2/NDF : 19.3/12

In: -0.020+/-0.157 χ^2/NDF :6.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.015+/-0.107 χ^2/NDF : 19.3/12

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: 210.292+/-0.103 χ^2/NDF : 1192298.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

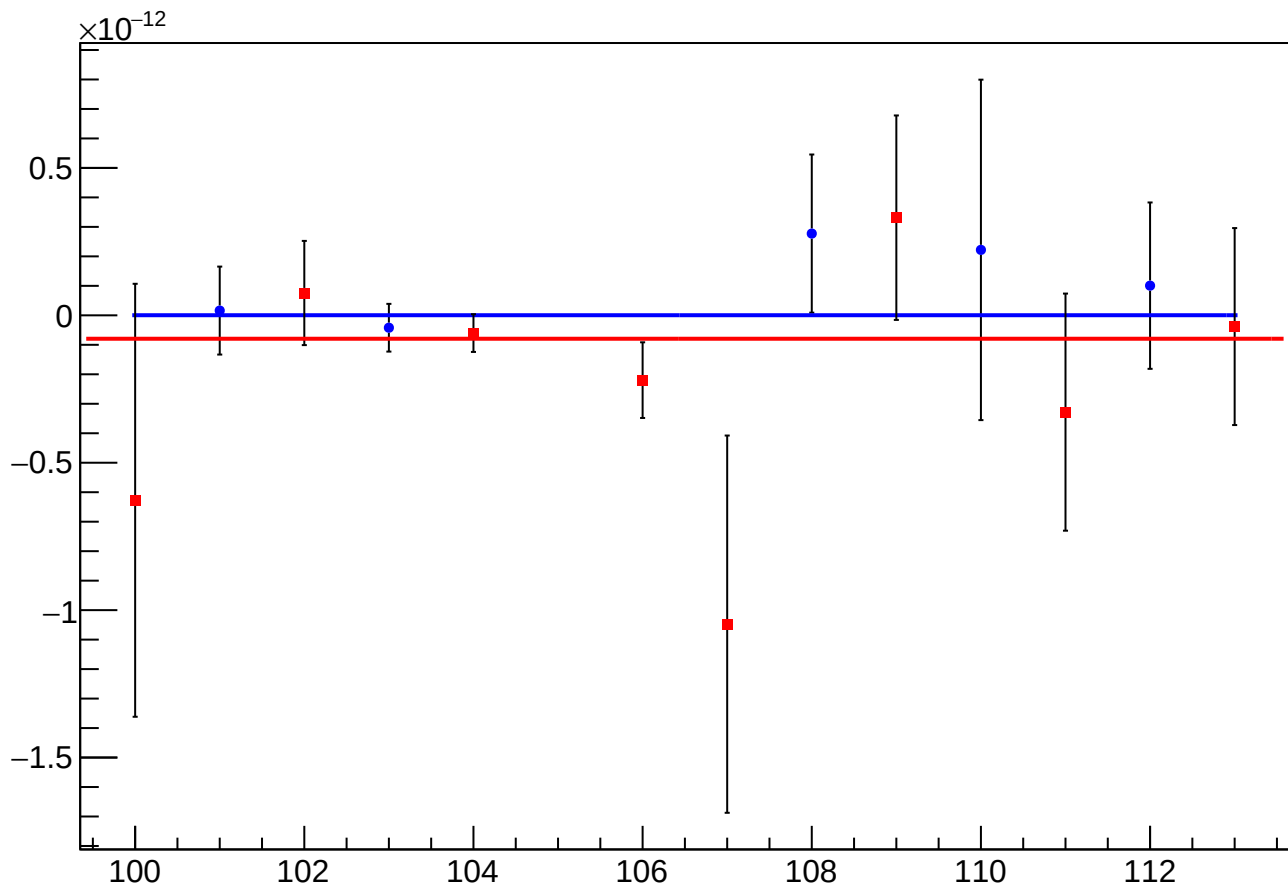
Right: 215.505+/-0.076 χ^2/NDF : 1887215.8/12

In: 221.487+/-0.111 χ^2/NDF : 689460.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 215.505+/-0.076 χ^2/NDF : 1887215.8/12

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 : 6.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

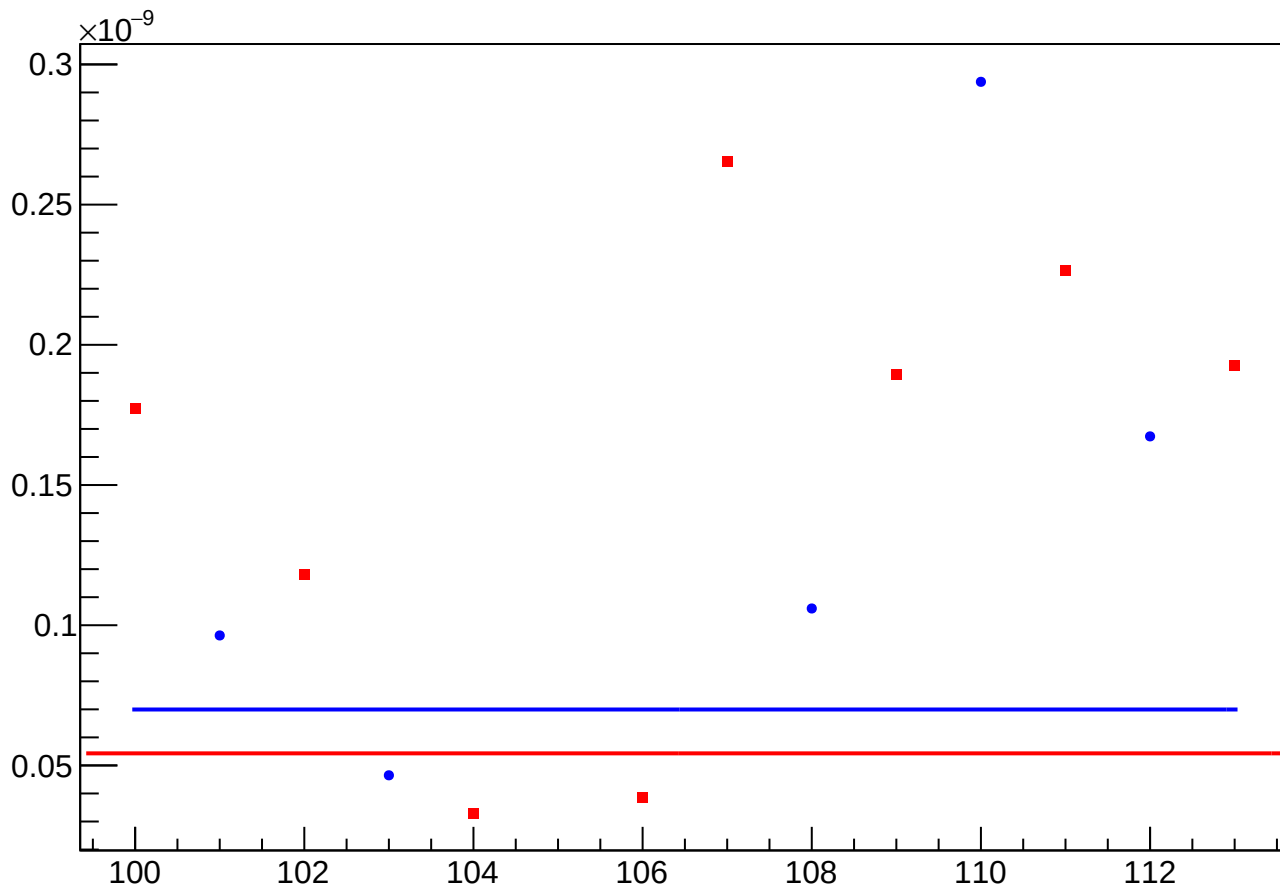
Right: -0.000+/-0.000 χ^2/NDF : 9.2/12

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 : 9.2/12

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 : 1804413.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

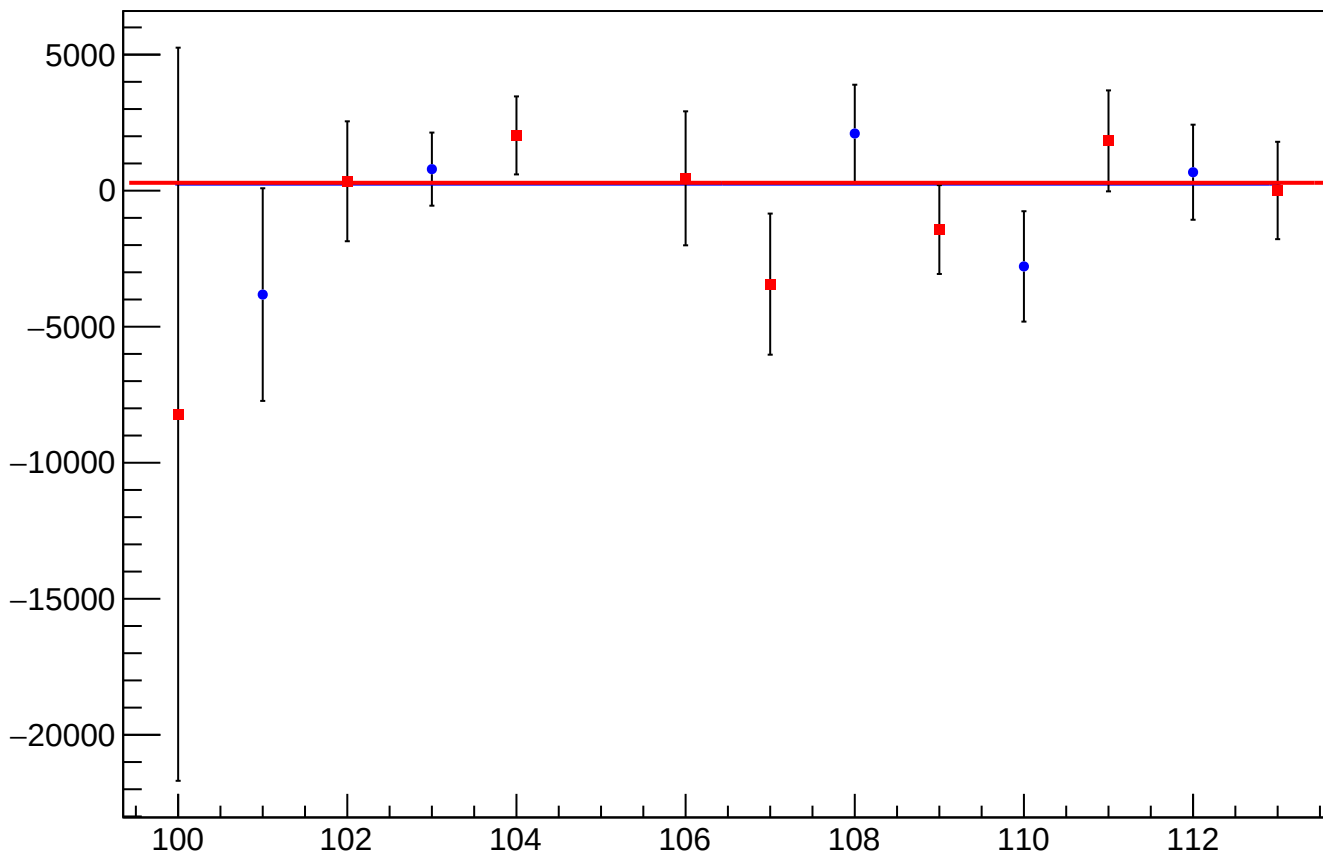
Right: 0.000+/-0.000 χ^2/NDF : 2678653.8/12

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 : 2678653.8/12

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: 289.236+/-708.931 χ^2/NDF : 5.8/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

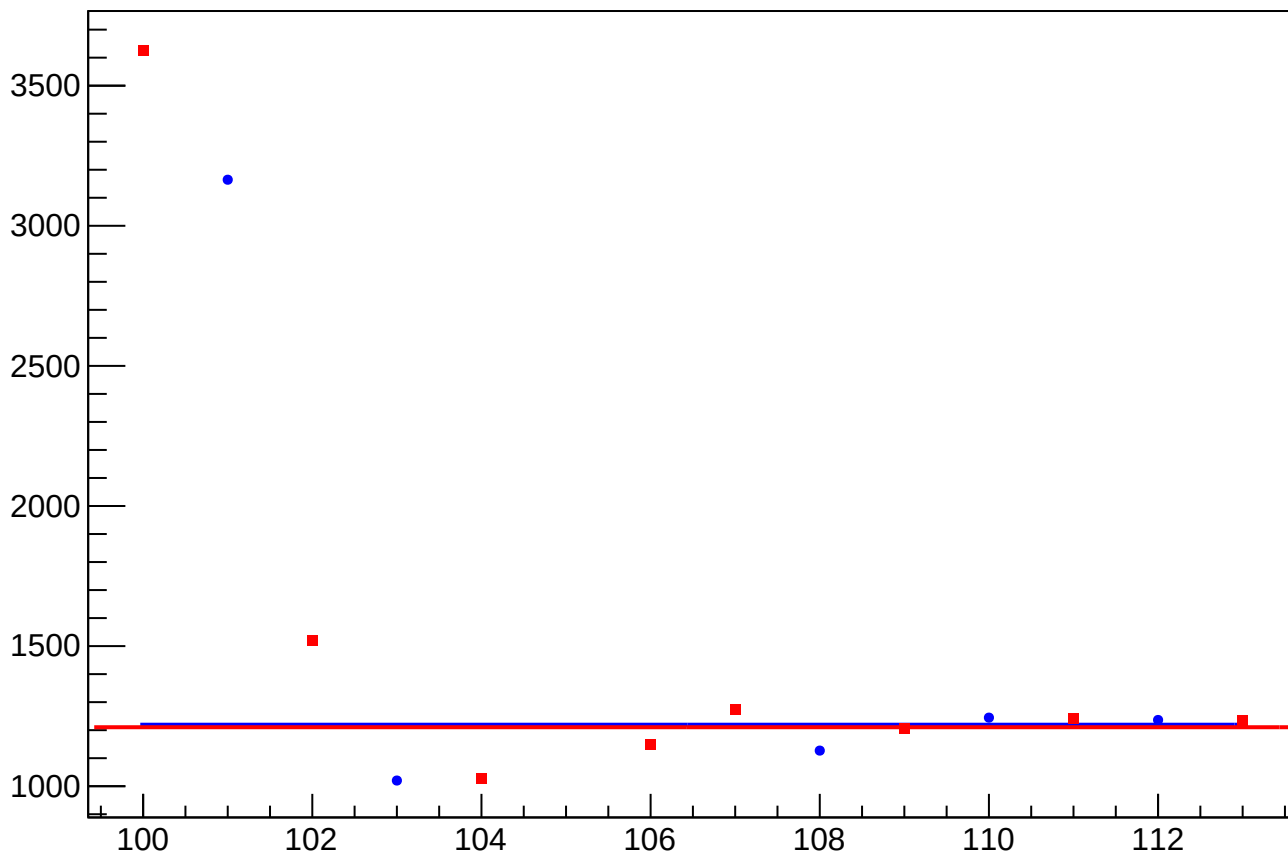
Right: 275.844+/-535.223 χ^2/NDF : 10.4/12

In: 258.093+/-816.193 χ^2/NDF :4.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 275.844+/-535.223 χ^2/NDF : 10.4/12

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: 1210.477+/-0.499 χ^2/NDF : 140441.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

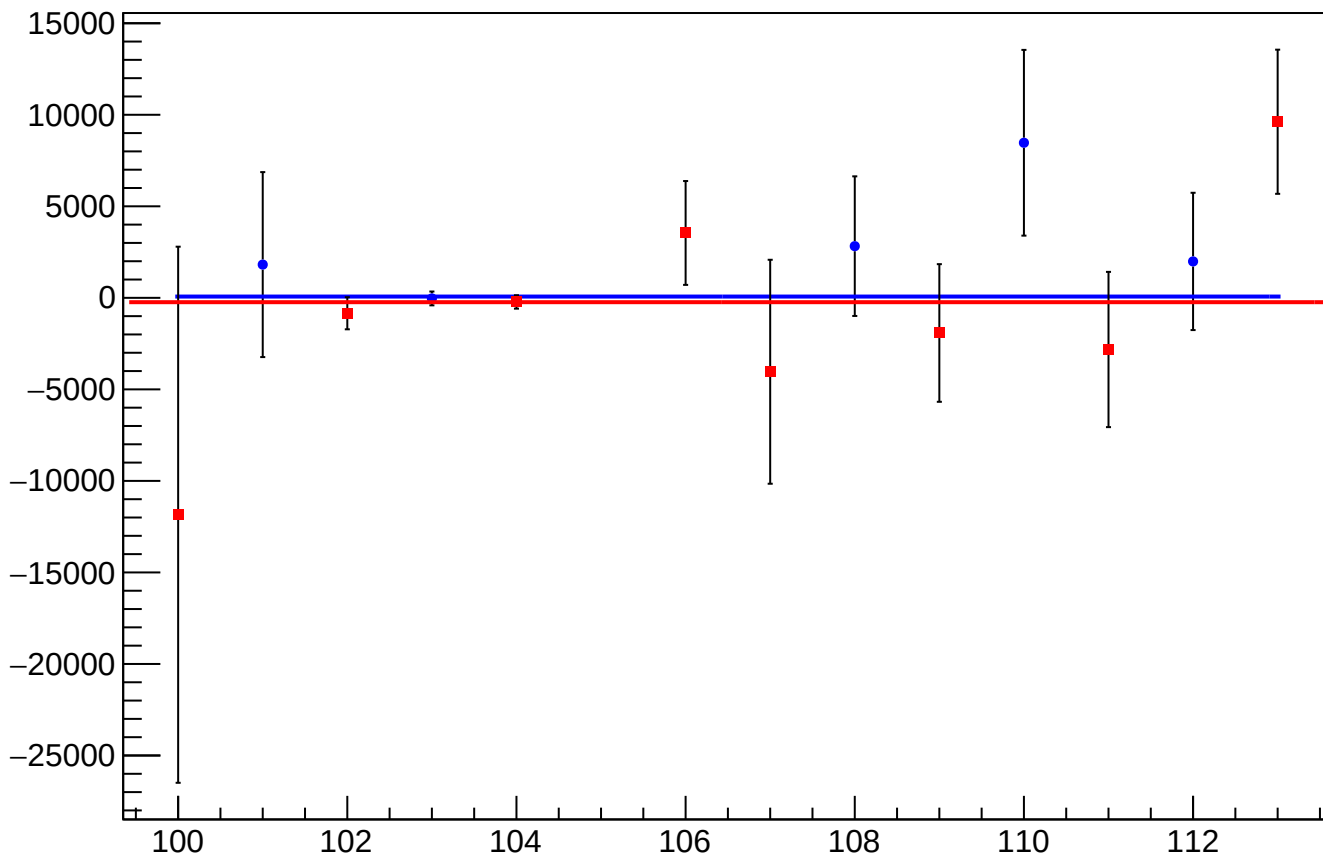
Right: 1214.309+/-0.377 χ^2/NDF : 685865.8/12

In: 1219.437+/-0.577 χ^2/NDF : 545286.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1214.309+/-0.377 χ^2/NDF : 685865.8/12

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: -237.321+/-331.408 χ^2/NDF : 10.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

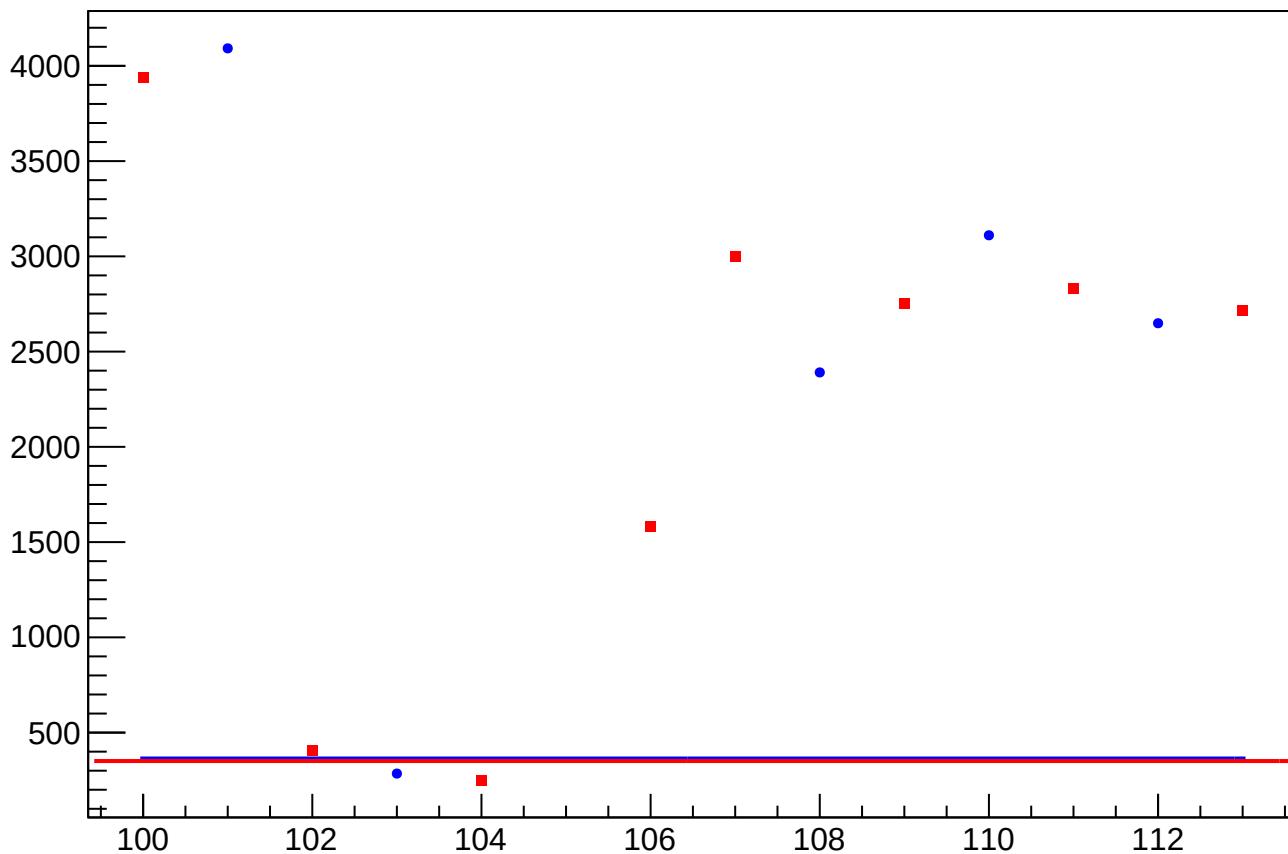
Right: -101.135+/-247.417 χ^2/NDF : 14.2/12

In: 70.343+/-371.878 χ^2/NDF : 3.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -101.135+/-247.417 χ^2/NDF : 14.2/12

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: 350.781+/-0.234 χ^2/NDF : 3260782.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

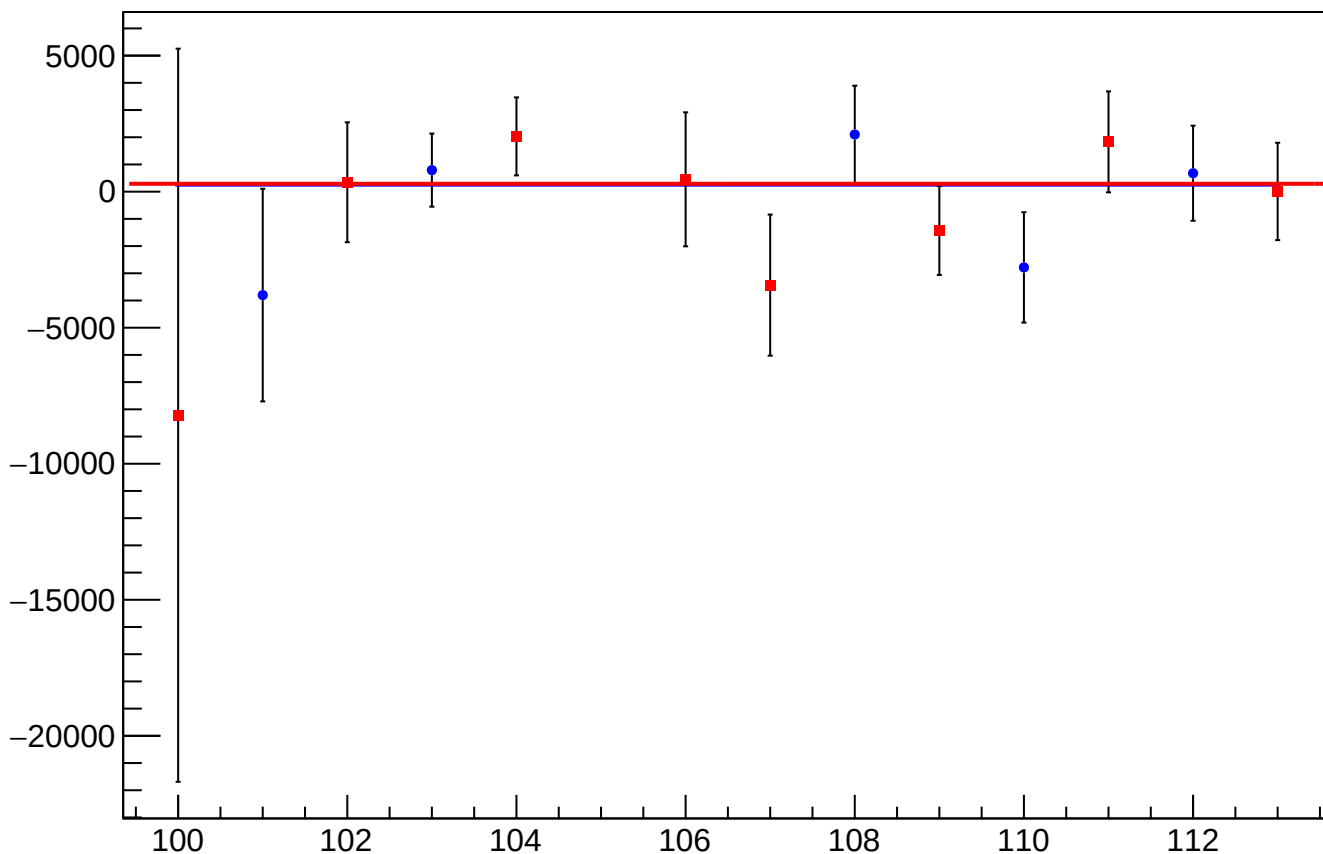
Right: 356.624+/-0.175 χ^2/NDF : 6332490.3/12

In: 363.982+/-0.263 χ^2/NDF : 3070302.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 356.624+/-0.175 χ^2/NDF : 6332490.3/12

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: 289.652+/-708.931 χ^2/NDF : 5.8/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

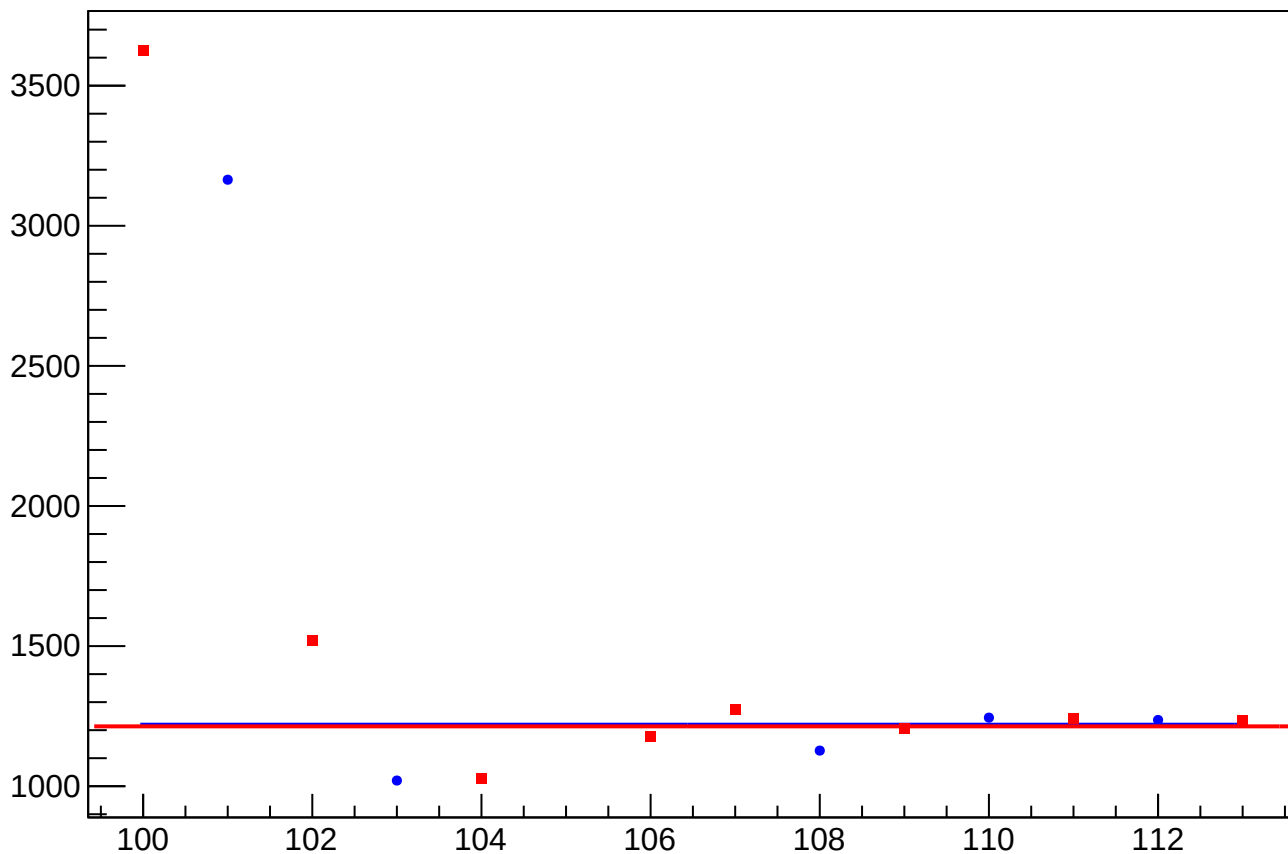
Right: 276.382+/-535.224 χ^2/NDF : 10.4/12

In: 258.794+/-816.194 χ^2/NDF :4.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 276.382+/-535.224 χ^2/NDF : 10.4/12

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: 1213.573+/-0.501 χ^2/NDF : 139284.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

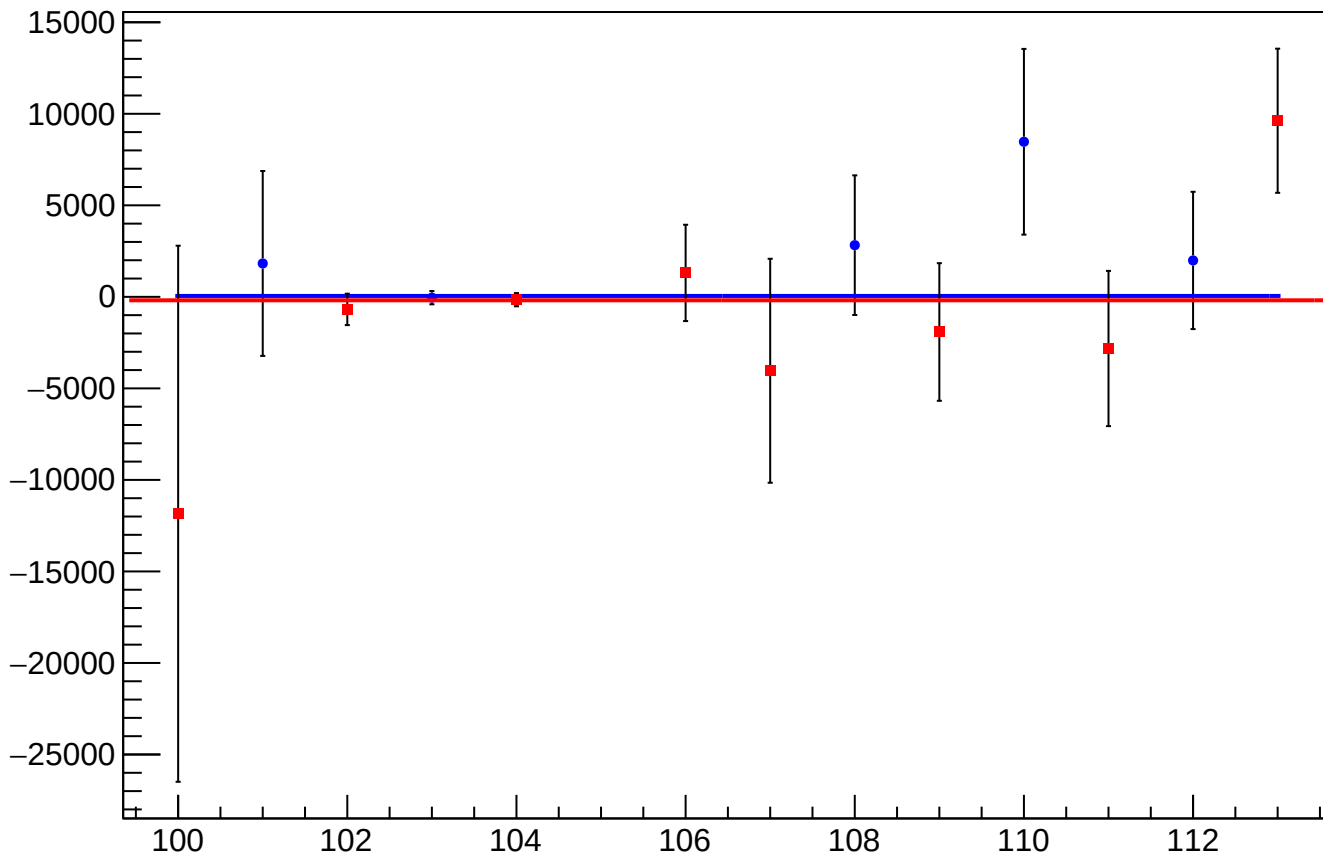
Right: 1216.090+/-0.378 χ^2/NDF : 684631.3/12

In: 1219.437+/-0.577 χ^2/NDF : 545288.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1216.090+/-0.378 χ^2/NDF : 684631.3/12

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: -188.262+/-325.799 χ^2/NDF : 8.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

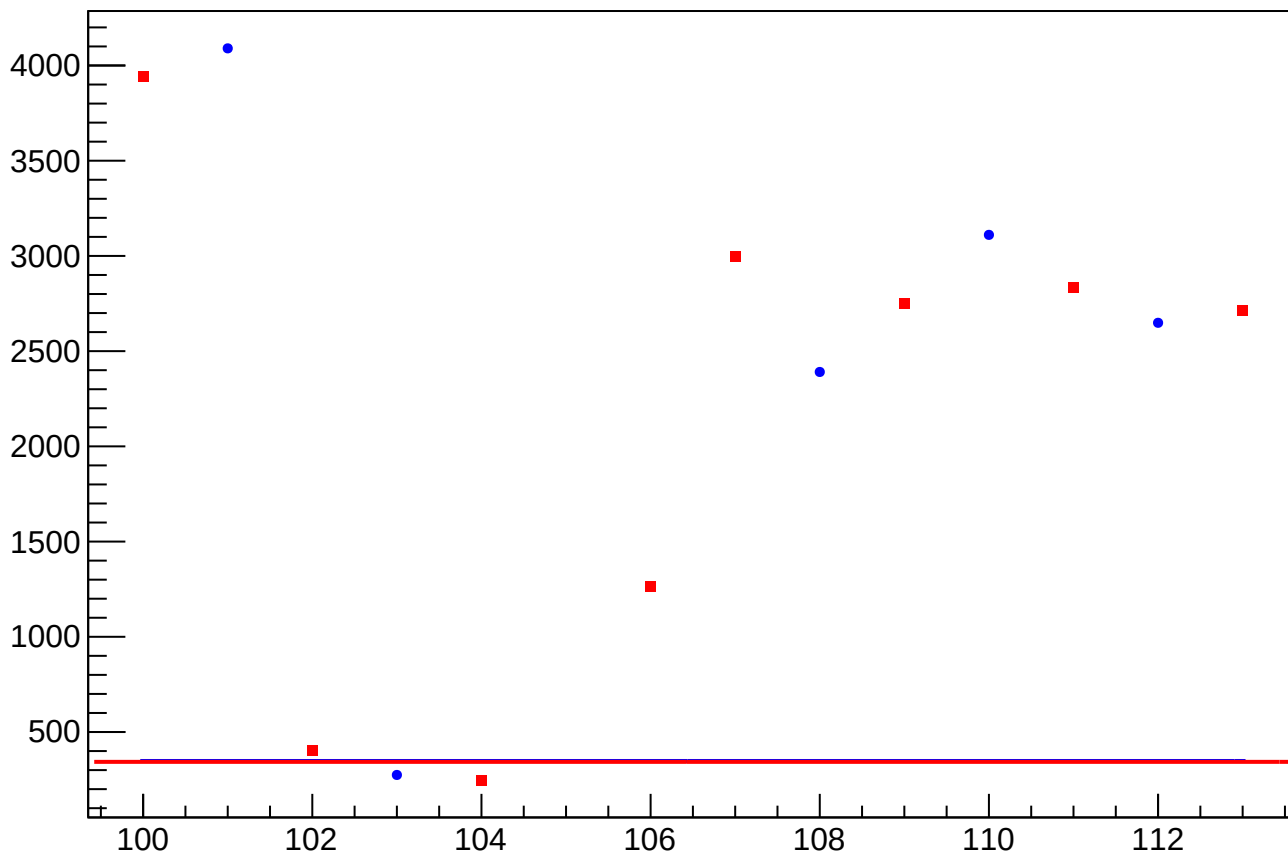
Right: -80.079+/-240.708 χ^2/NDF : 12.5/12

In: 49.955+/-357.188 χ^2/NDF : 3.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -80.079+/-240.708 χ^2/NDF : 12.5/12

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: 343.297 $\pm$ 0.230 χ^2 /NDF: 3138780.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

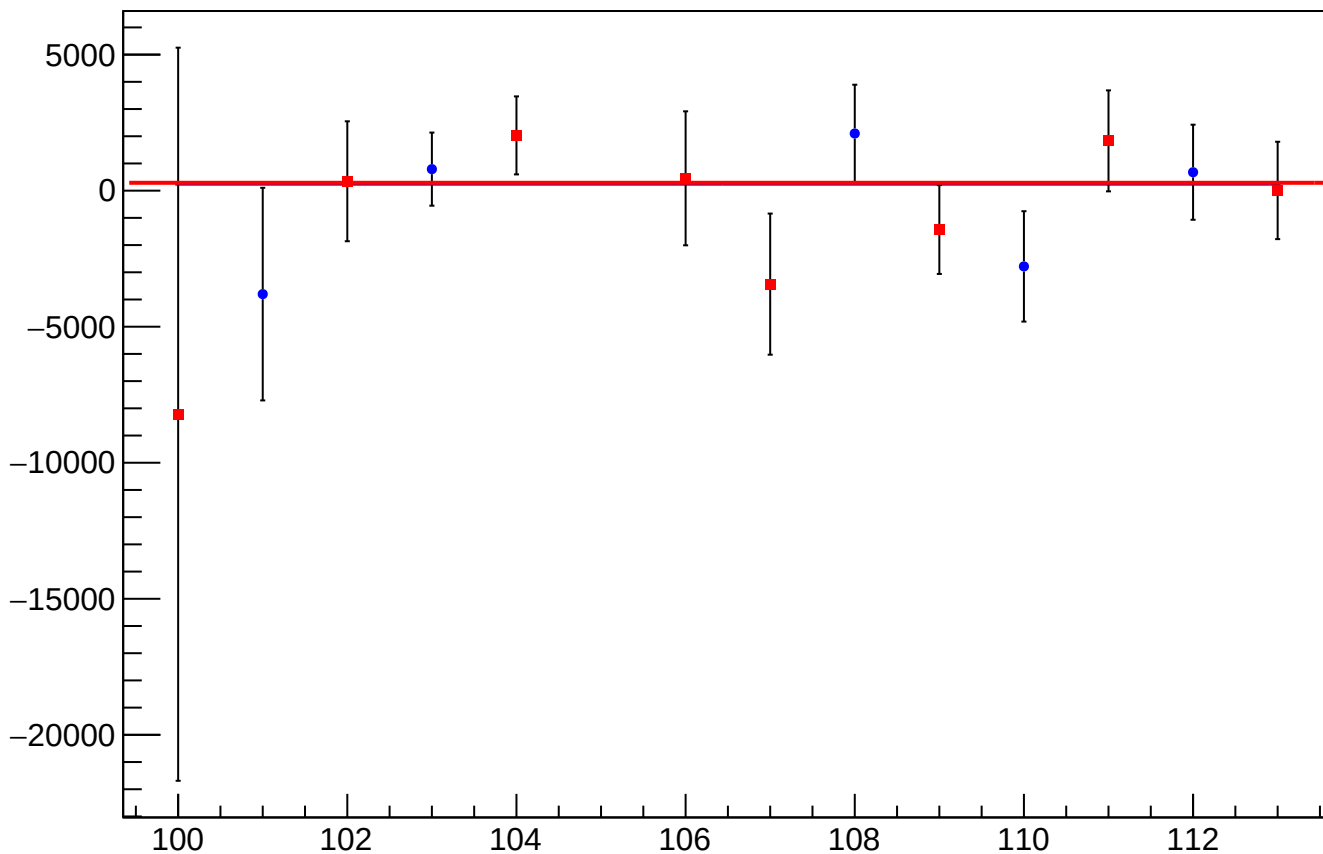
Right: 345.347 $\pm$ 0.170 χ^2 /NDF: 6239183.2/12

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: 345.347 $\pm$ 0.170 χ^2 /NDF: 6239183.2/12

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: 289.652+/-708.931 χ^2/NDF : 5.8/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

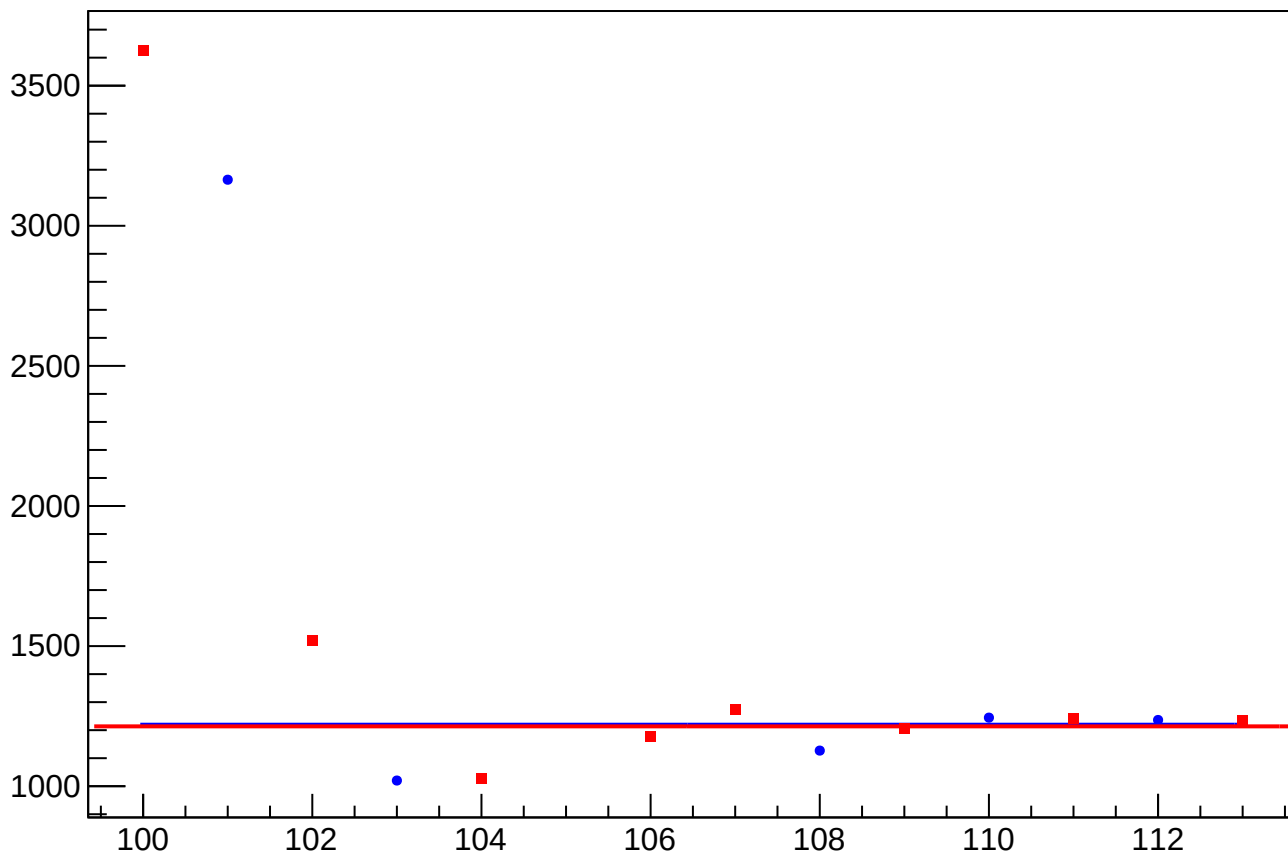
Right: 276.382+/-535.224 χ^2/NDF : 10.4/12

In: 258.794+/-816.194 χ^2/NDF :4.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 276.382+/-535.224 χ^2/NDF : 10.4/12

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: 1213.573+/-0.501 χ^2/NDF : 139284.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

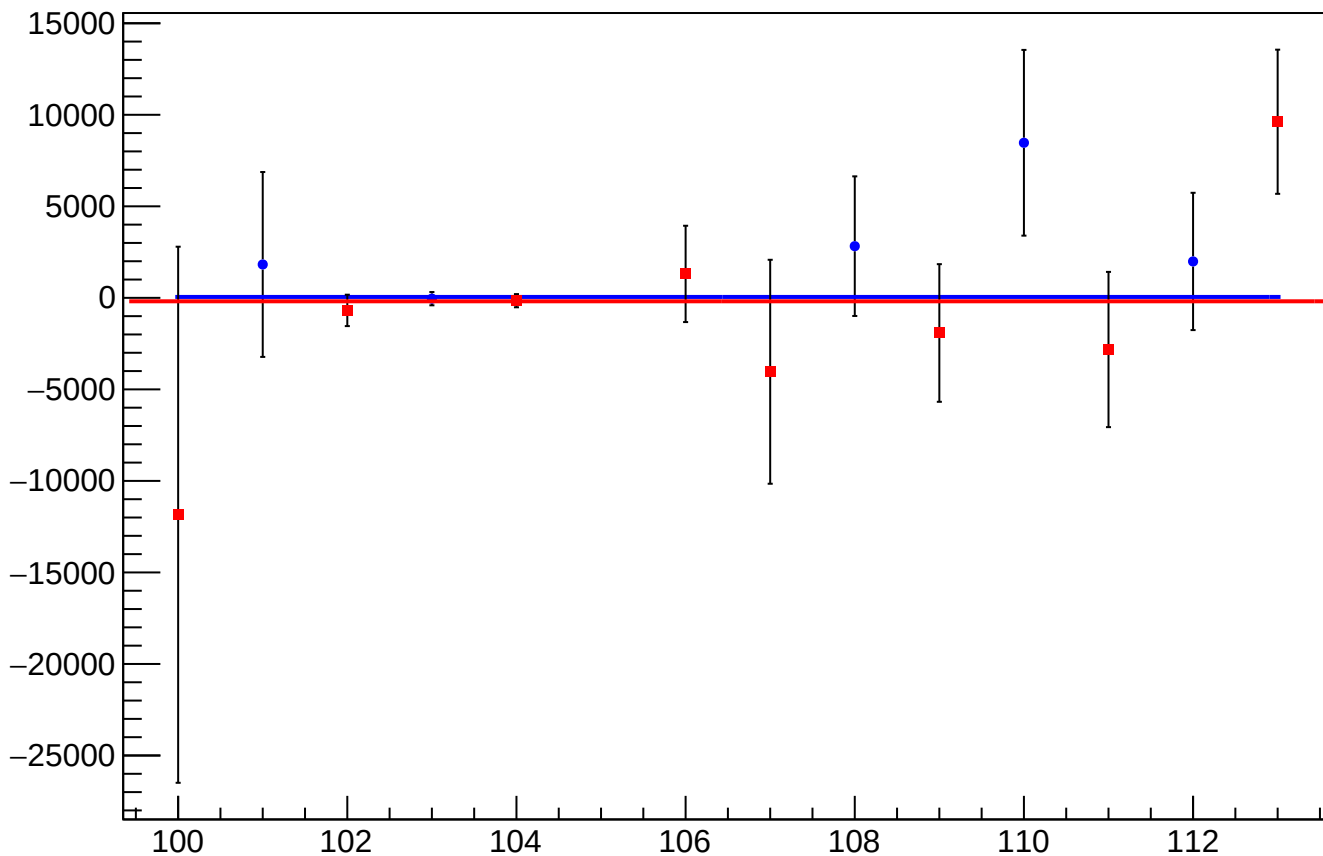
Right: 1216.090+/-0.378 χ^2/NDF : 684631.3/12

In: 1219.437+/-0.577 χ^2/NDF : 545288.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1216.090+/-0.378 χ^2/NDF : 684631.3/12

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: -188.262+/-325.799 χ^2/NDF : 8.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

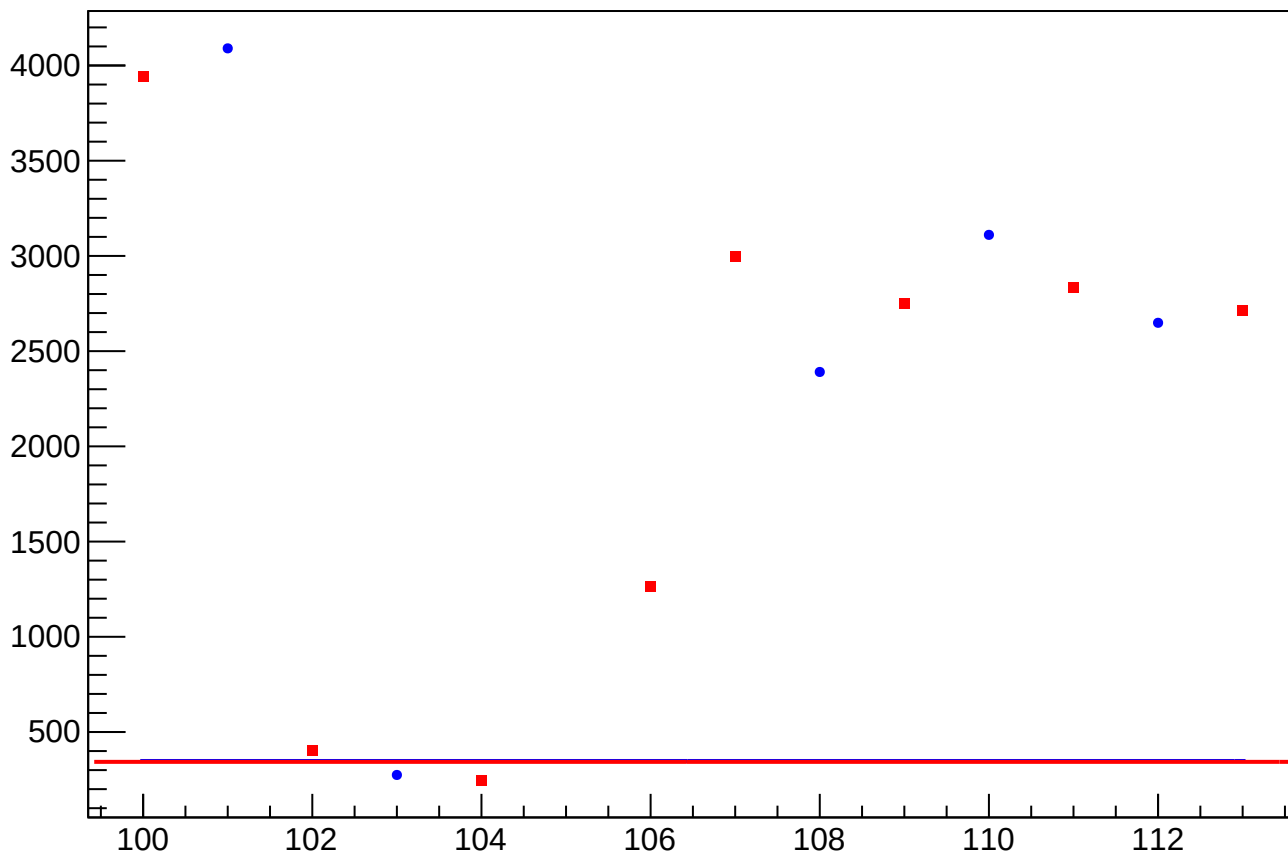
Right: -80.079+/-240.708 χ^2/NDF : 12.5/12

In: 49.955+/-357.188 χ^2/NDF : 3.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -80.079+/-240.708 χ^2/NDF : 12.5/12

asym_us_avg_atlr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 347.812+/-0.253 χ^2/NDF : 3100227.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 343.297+/-0.230 χ^2/NDF : 3138780.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

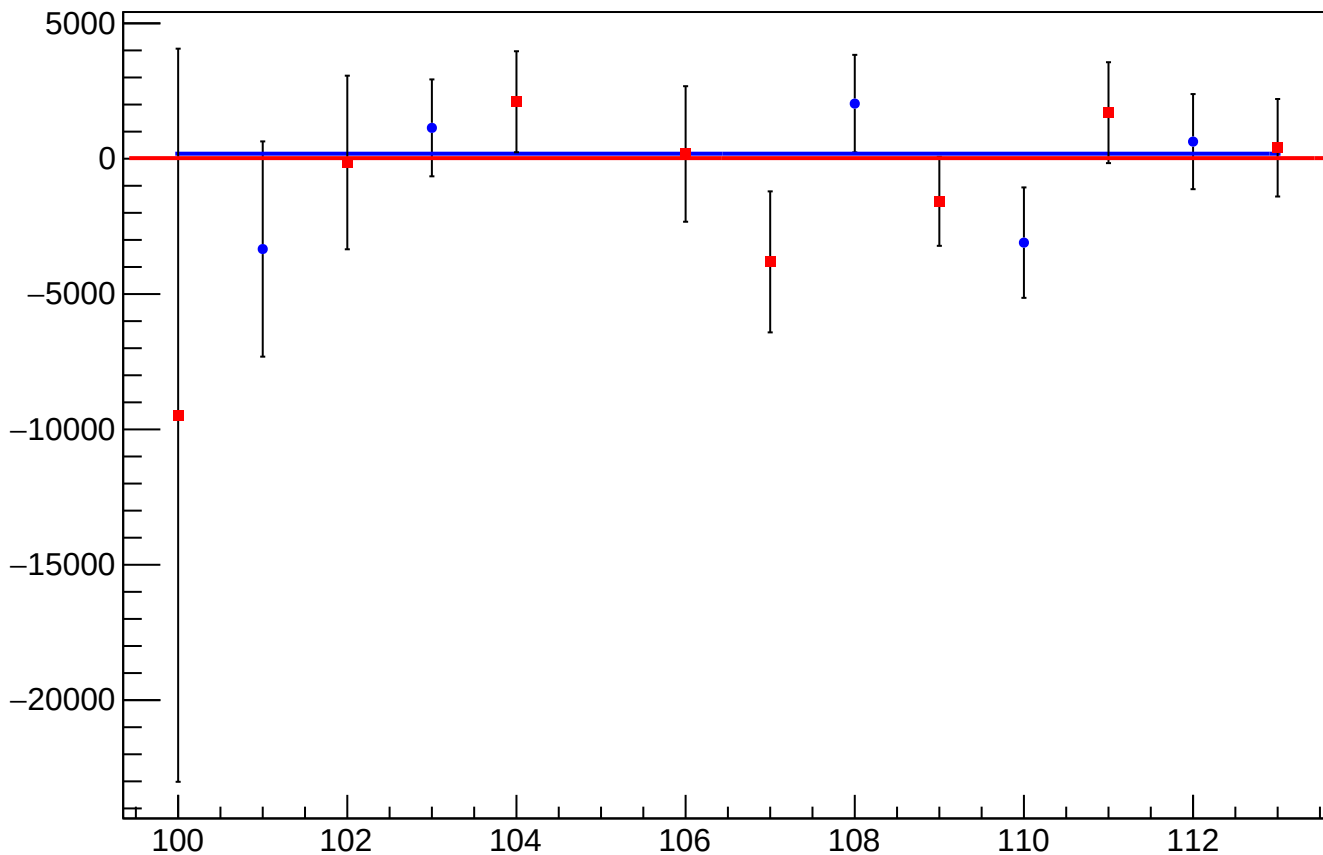
Right: 345.347+/-0.170 χ^2/NDF : 6239183.2/12

In: 347.812+/-0.253 χ^2/NDF : 3100227.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.347+/-0.170 χ^2/NDF : 6239183.2/12

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: 21.016+/-775.249 χ^2/NDF : 5.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

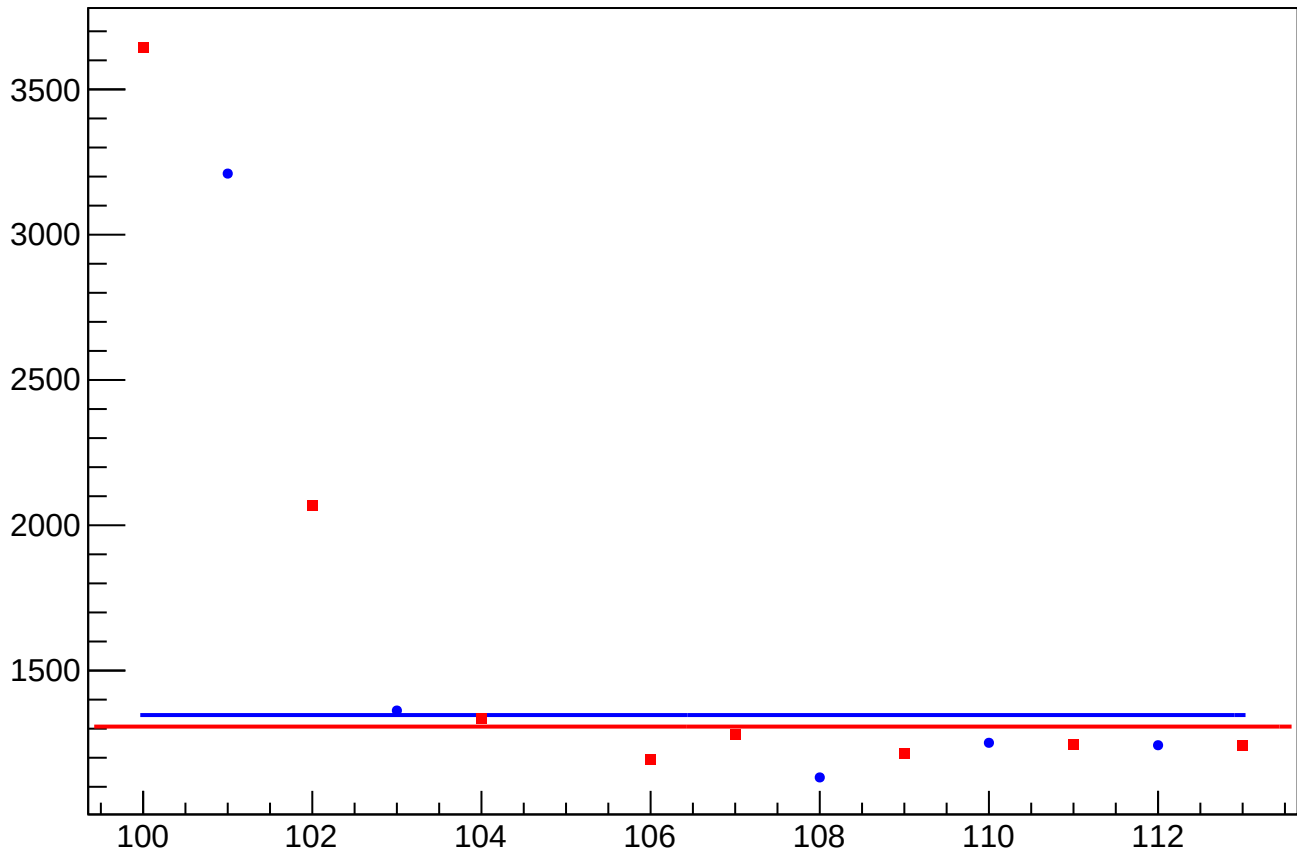
Right: 91.247+/-586.018 χ^2/NDF : 10.5/12

In: 184.878+/-895.127 χ^2/NDF :4.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 91.247+/-586.018 χ^2/NDF : 10.5/12

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: 1307.194+/-0.547 χ^2/NDF : 187946.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

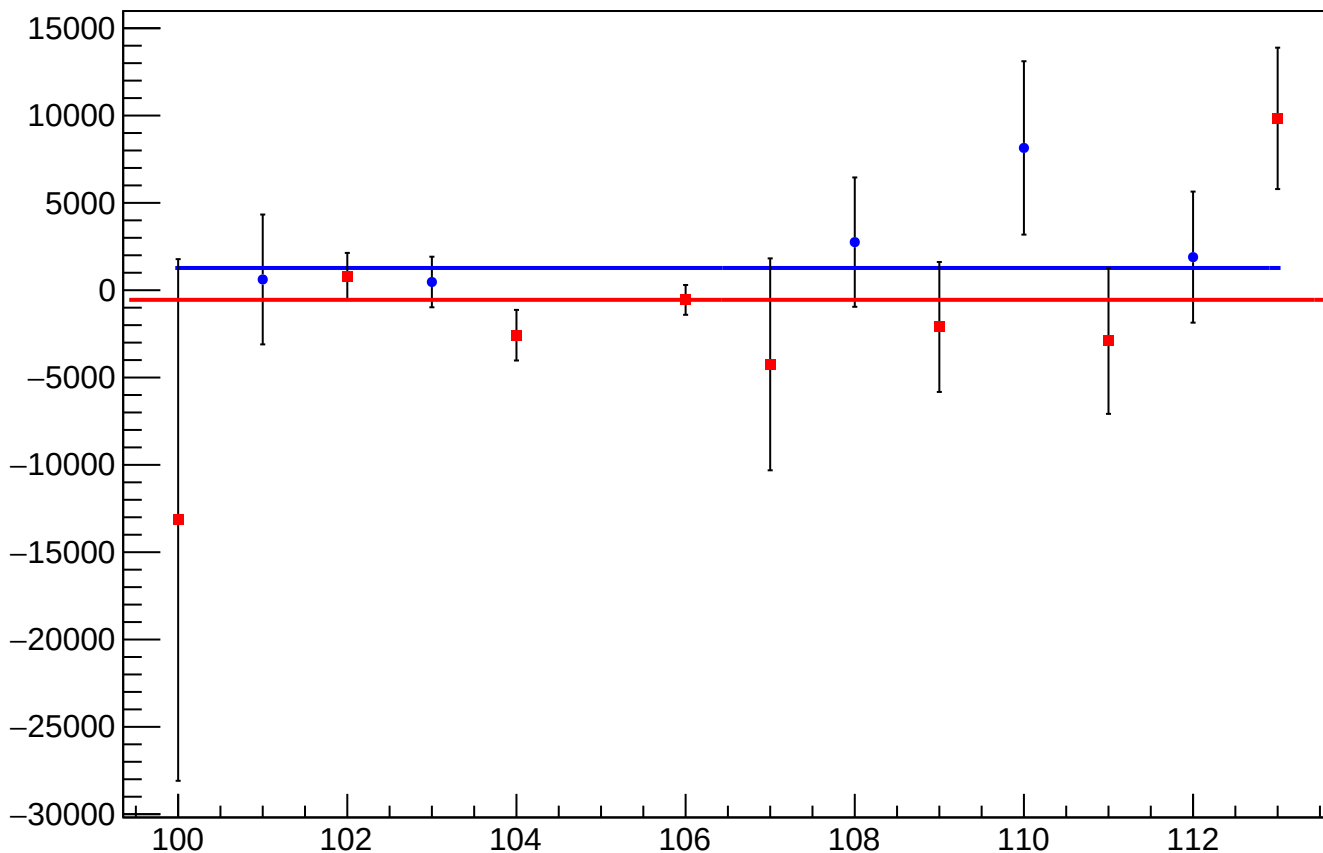
Right: 1324.175+/-0.414 χ^2/NDF : 669450.0/12

In: 1346.879+/-0.633 χ^2/NDF : 479254.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1324.175+/-0.414 χ^2/NDF : 669450.0/12

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: -550.803+/-617.672 χ^2/NDF : 11.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

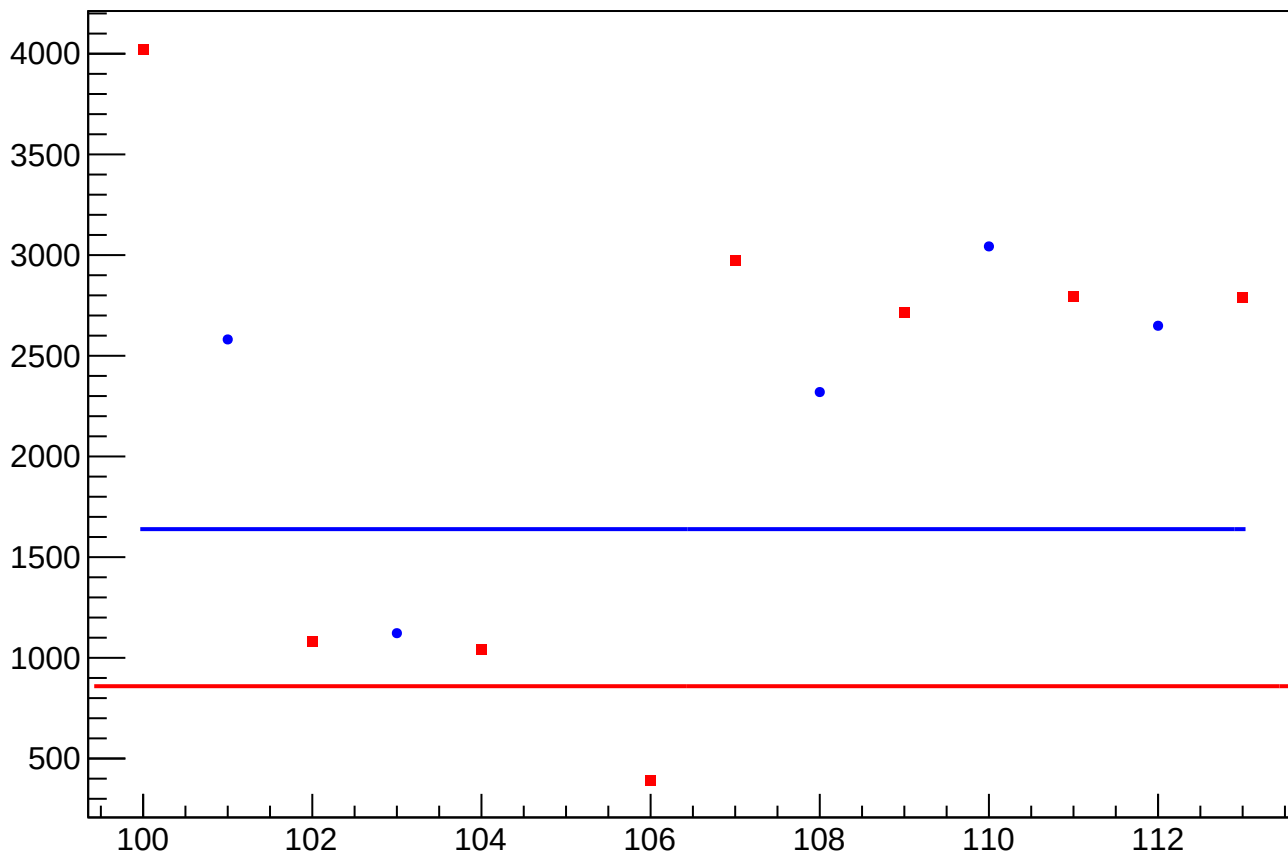
Right: -151.555+/-545.930 χ^2/NDF : 15.5/12

In: 1273.859+/-1167.098 χ^2/NDF : 2.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -151.555+/-545.930 χ^2/NDF : 15.5/12

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: 859.121+/-0.437 χ^2/NDF : 2403434.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

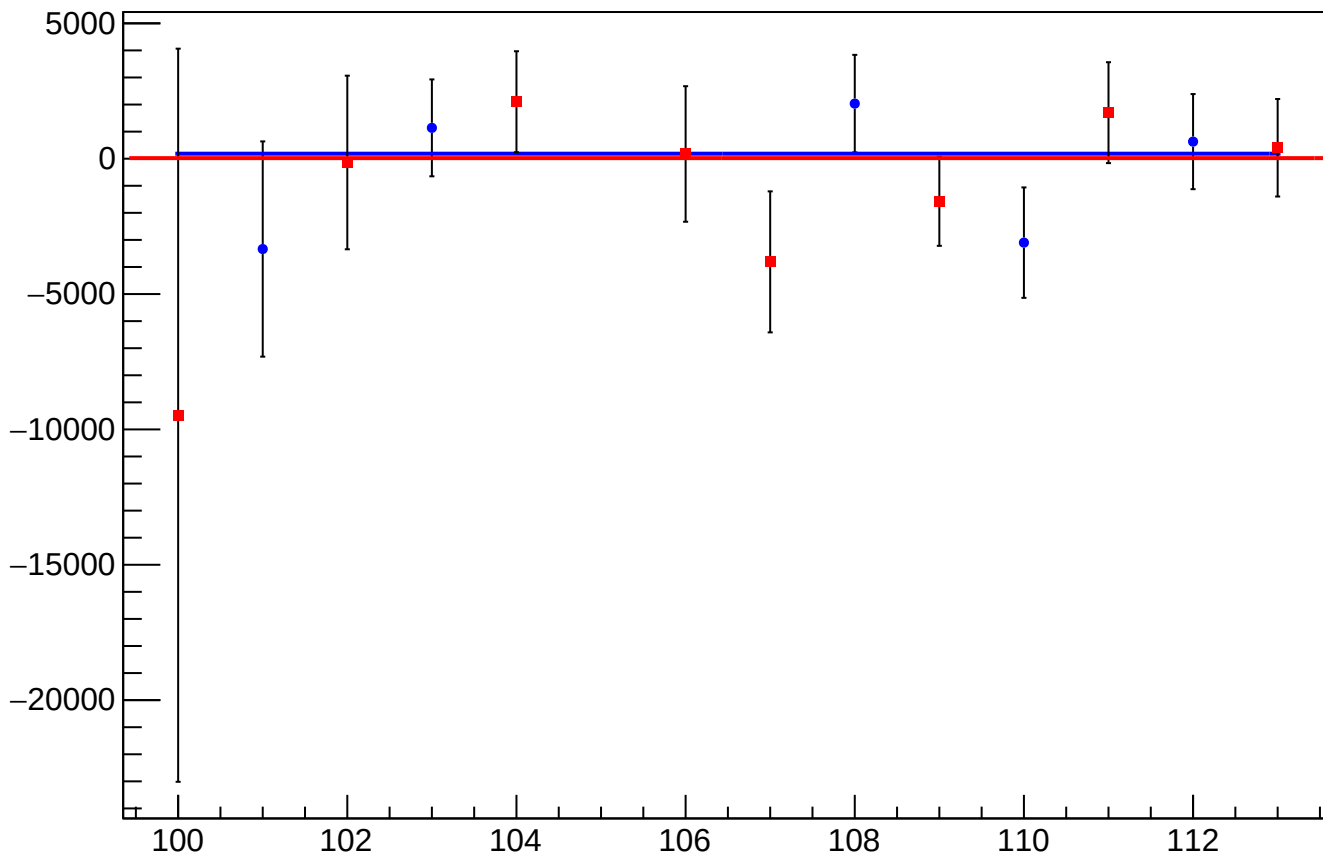
Right: 1029.790+/-0.386 χ^2/NDF : 3857055.6/12

In: 1639.119+/-0.825 χ^2/NDF : 755772.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1029.790+/-0.386 χ^2/NDF : 3857055.6/12

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: 21.010+/-775.249 χ^2/NDF : 5.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

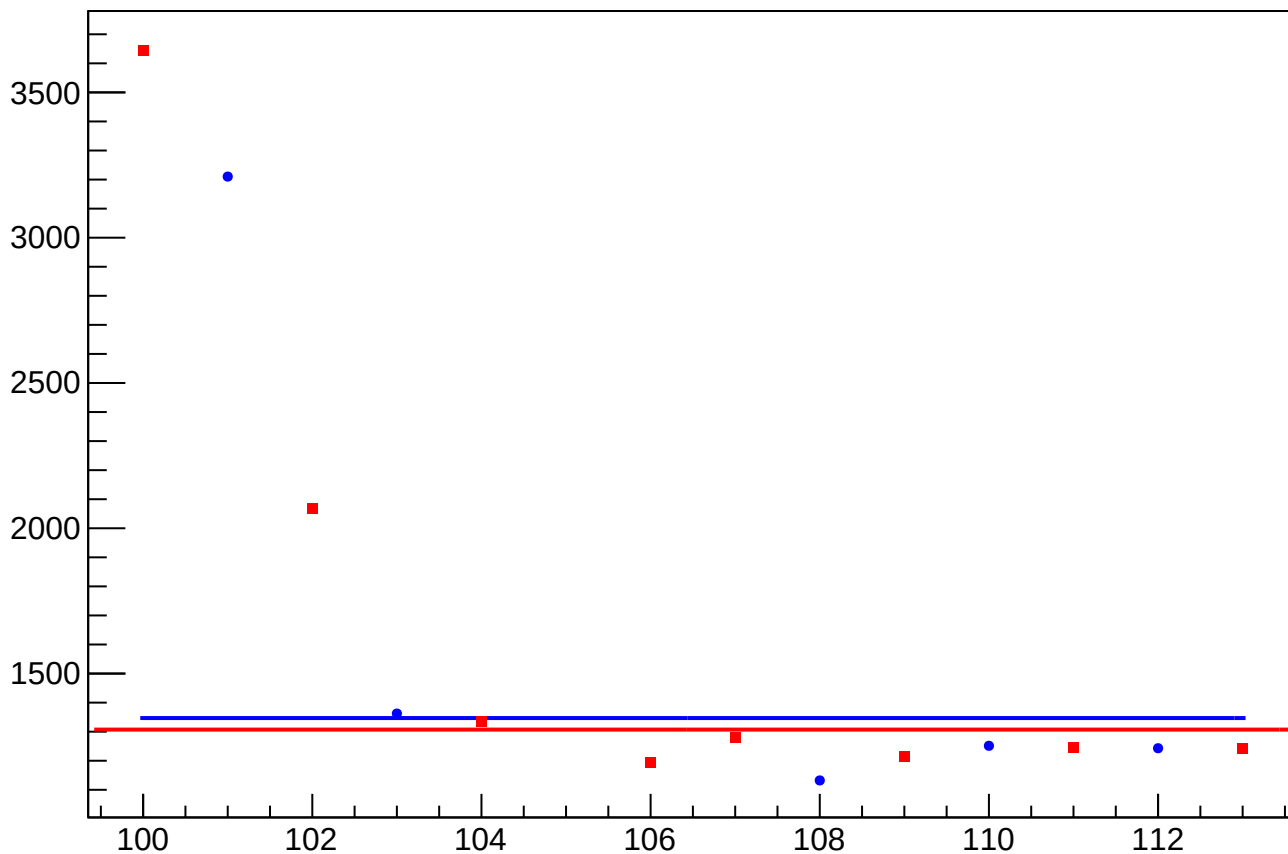
Right: 91.242+/-586.018 χ^2/NDF : 10.5/12

In: 184.874+/-895.127 χ^2/NDF : 4.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.242+/-586.018 χ^2/NDF : 10.5/12

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: 1307.194+/-0.547 χ^2/NDF : 187946.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

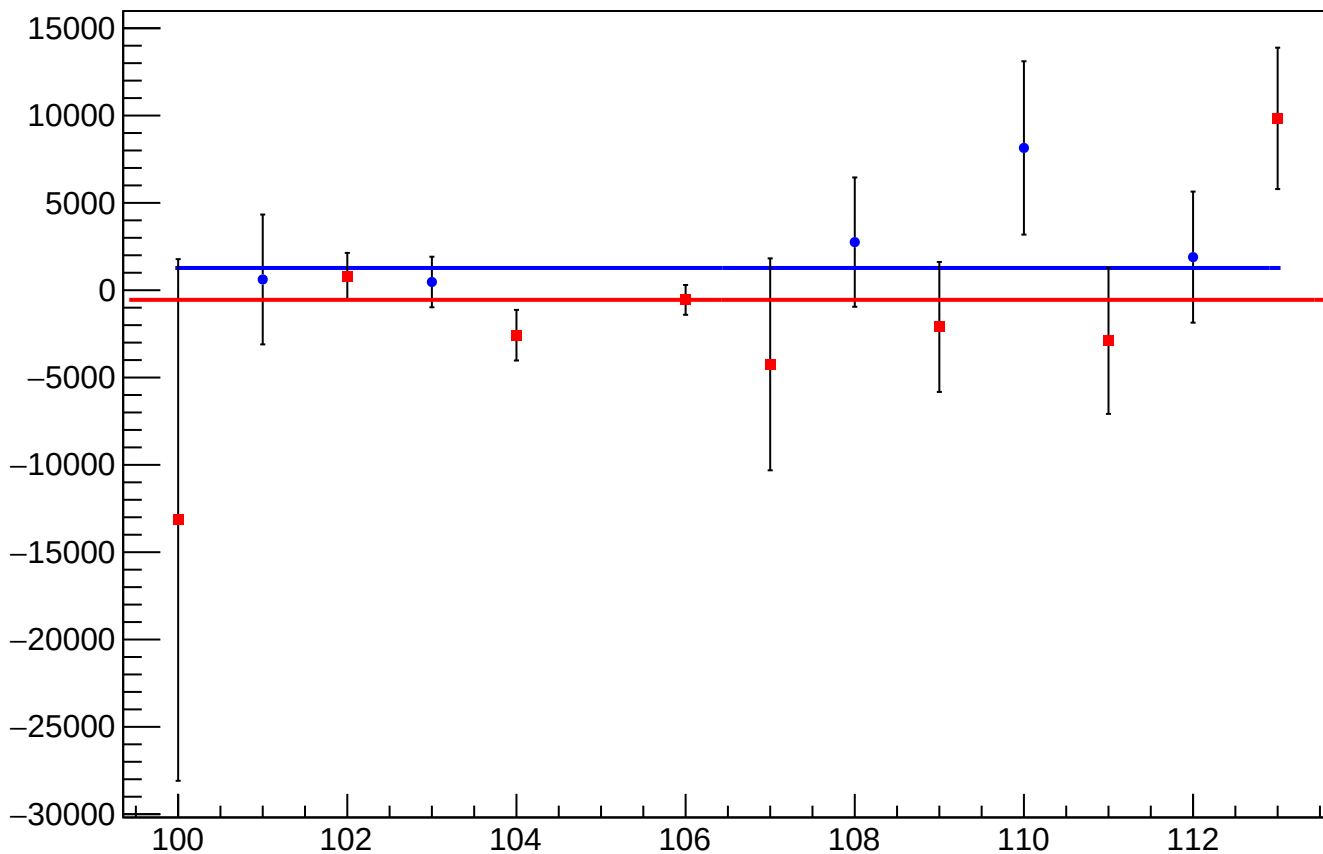
Right: 1324.175+/-0.414 χ^2/NDF : 669449.8/12

In: 1346.879+/-0.633 χ^2/NDF : 479254.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1324.175+/-0.414 χ^2/NDF : 669449.8/12

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: -550.801+/-617.664 χ^2/NDF : 11.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

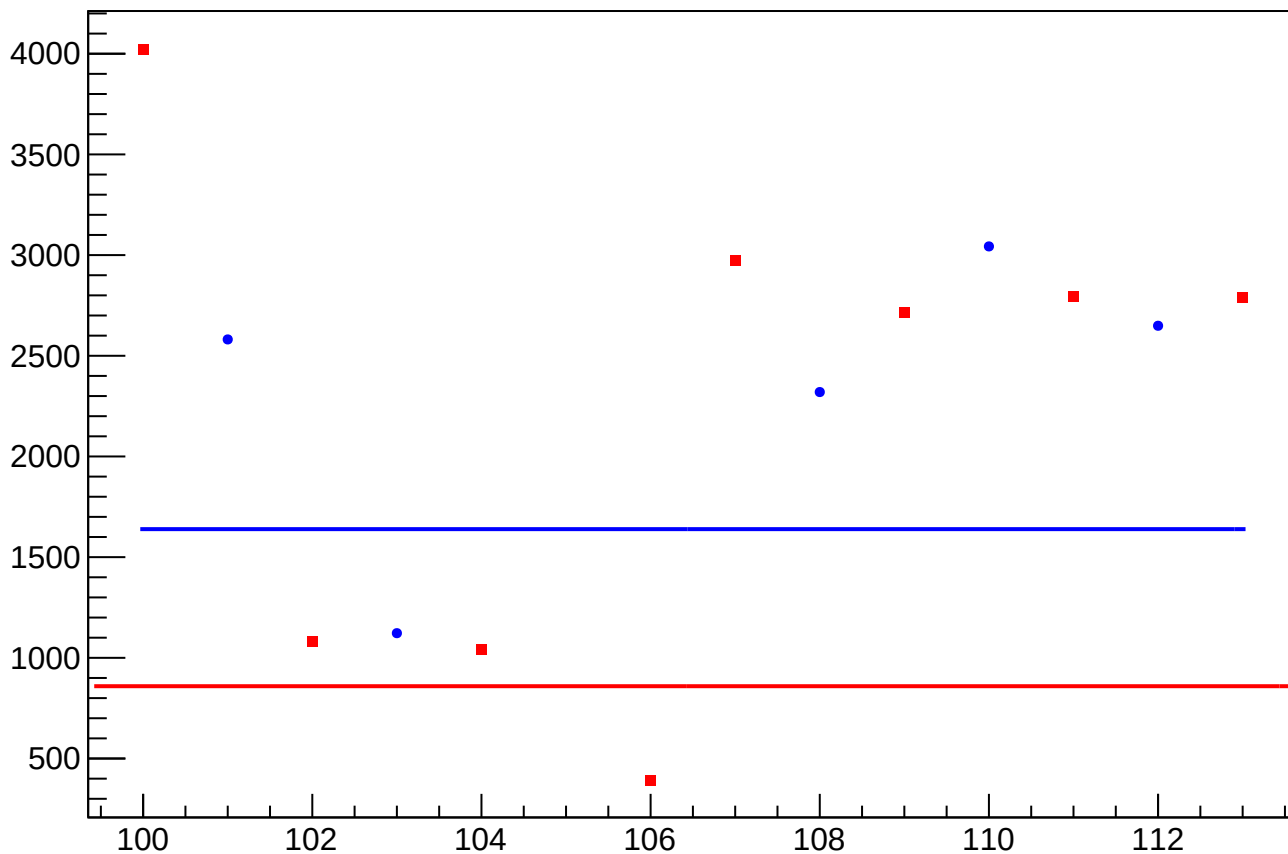
Right: -151.562+/-545.924 χ^2/NDF : 15.5/12

In: 1273.859+/-1167.097 χ^2/NDF : 2.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -151.562+/-545.924 χ^2/NDF : 15.5/12

asym_us_avg_atlr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1639.118 $\pm$ 0.825 χ^2 /NDF: 755771.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 859.102 $\pm$ 0.437 χ^2 /NDF: 2403494.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

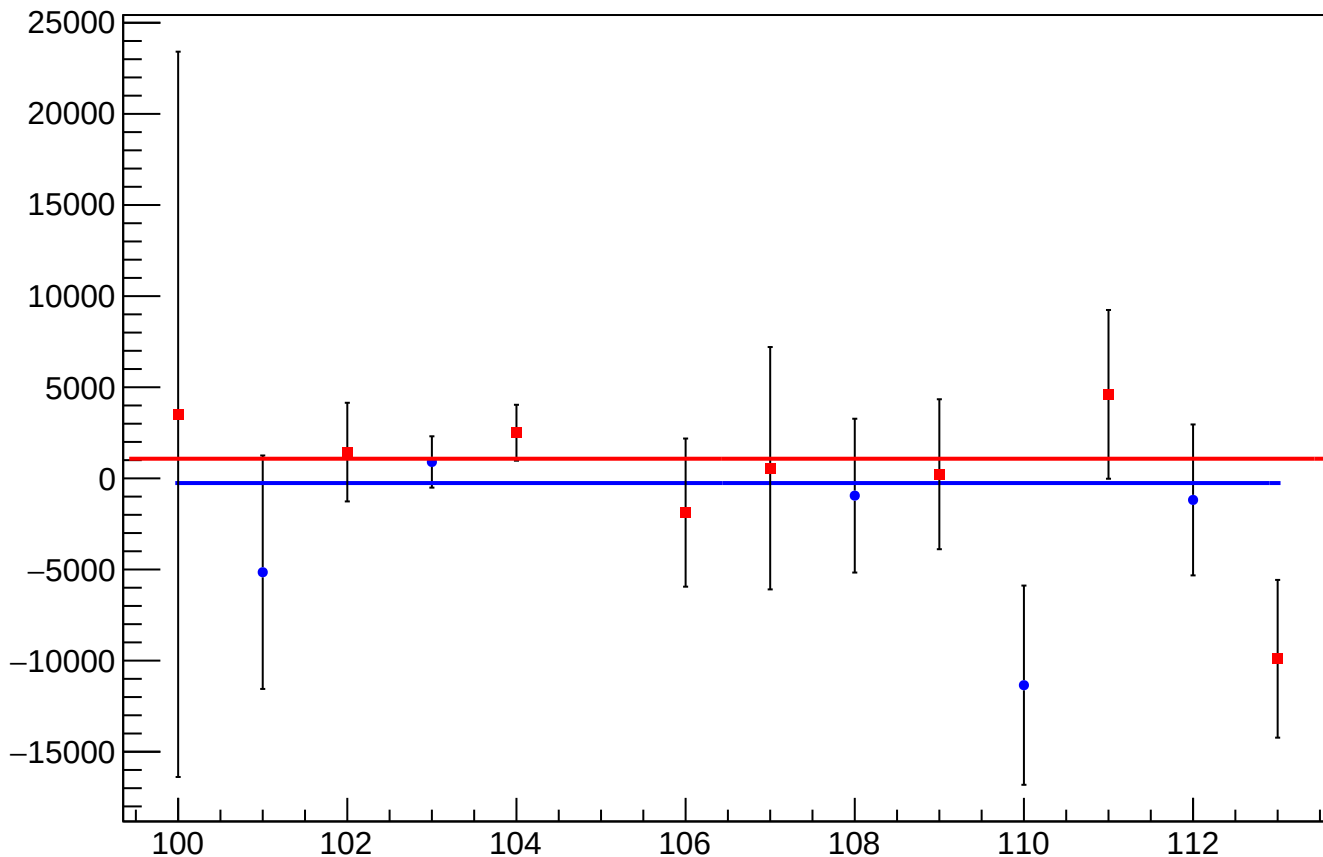
Right: 1029.771 $\pm$ 0.386 χ^2 /NDF: 3857152.2/12

In: 1639.118 $\pm$ 0.825 χ^2 /NDF:755771.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1029.771 $\pm$ 0.386 χ^2 /NDF: 3857152.2/12

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: 1078.205+/-1113.492 χ^2/NDF : 8.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

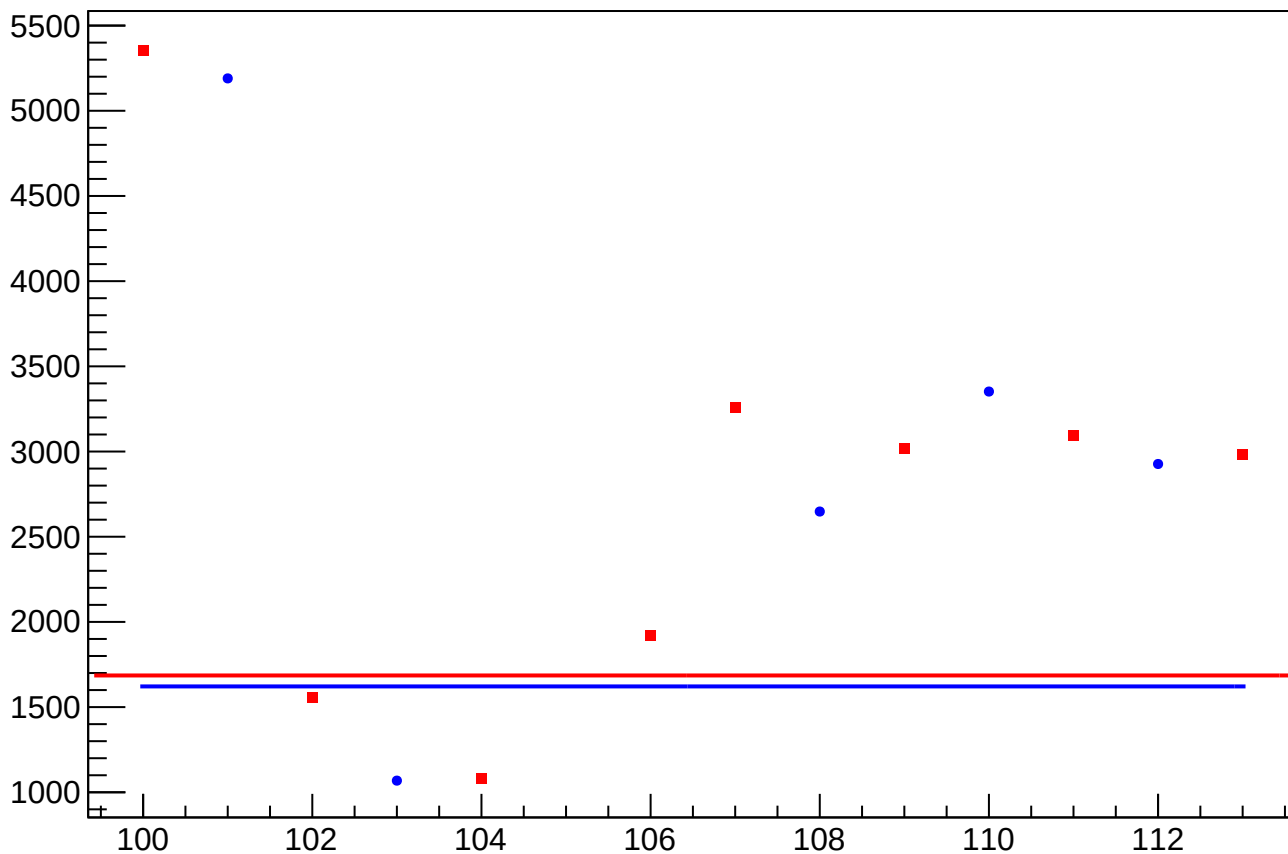
Right: 469.341+/-821.209 χ^2/NDF : 14.6/12

In: -256.781+/-1215.995 χ^2/NDF : 5.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 469.341+/-821.209 χ^2/NDF : 14.6/12

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: 1685.703+/-0.784 χ^2/NDF : 1076482.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

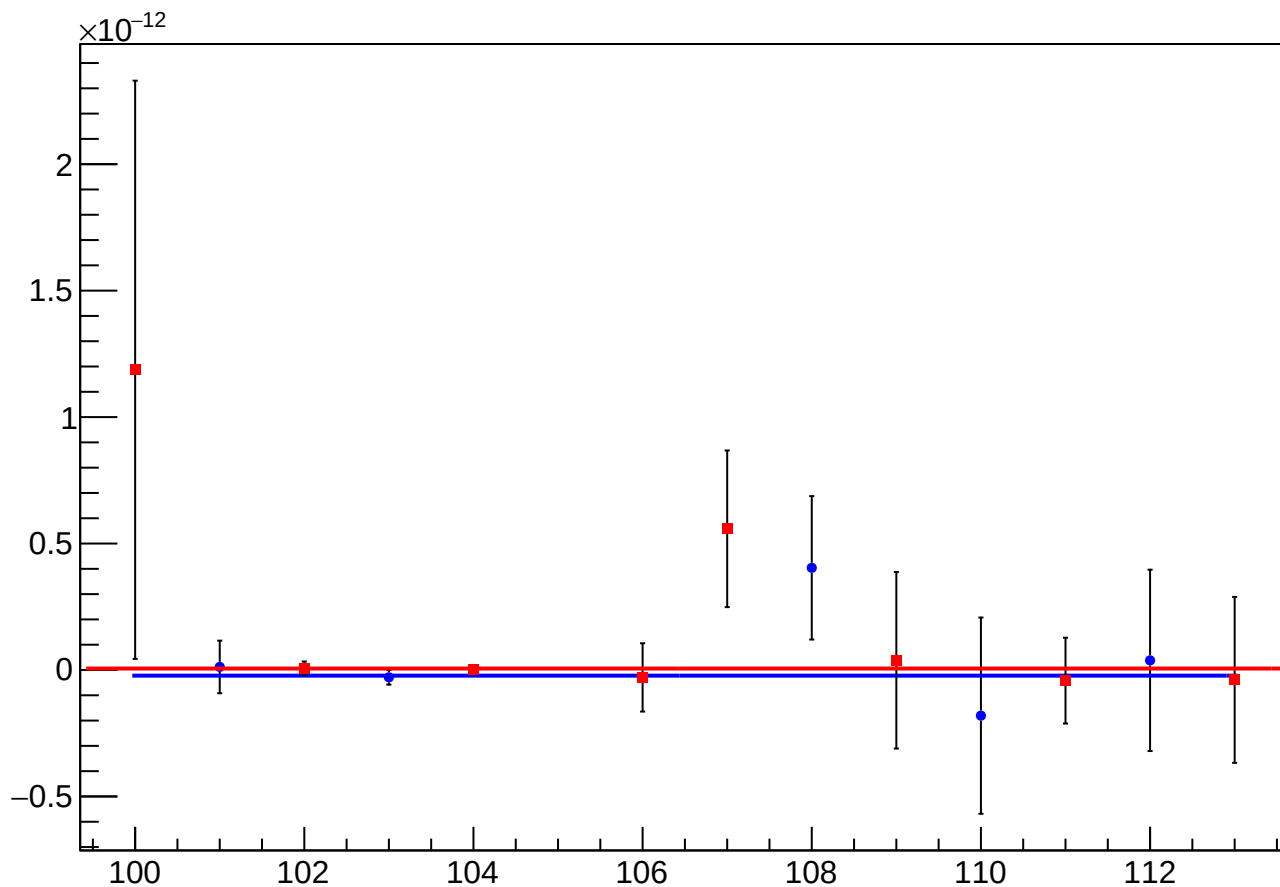
Right: 1656.496+/-0.580 χ^2/NDF : 2526208.1/12

In: 1621.406+/-0.860 χ^2/NDF : 1446674.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1656.496+/-0.580 χ^2/NDF : 2526208.1/12

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 : 4.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

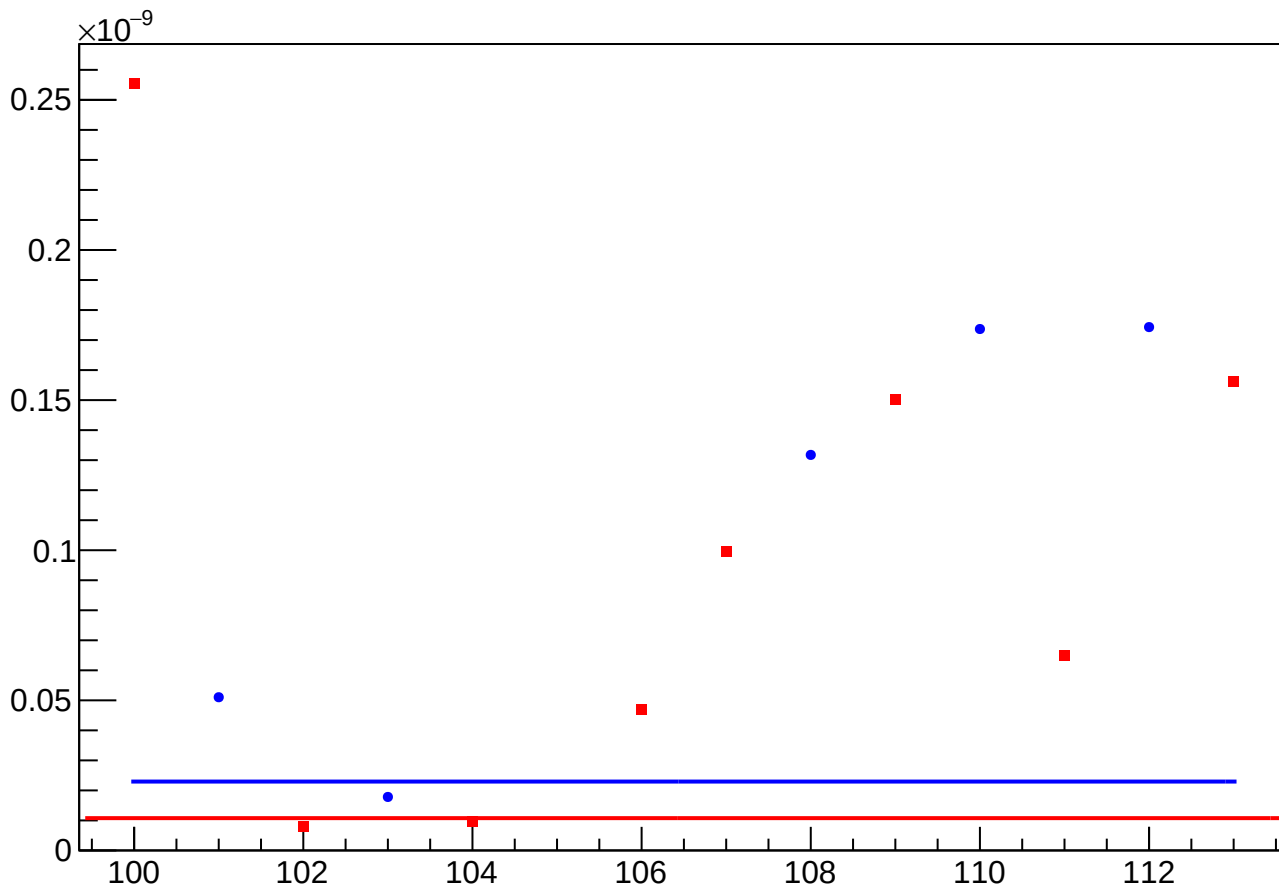
Right: -0.000+/-0.000 χ^2/NDF : 7.9/12

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 : 7.9/12

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 : 1345706.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

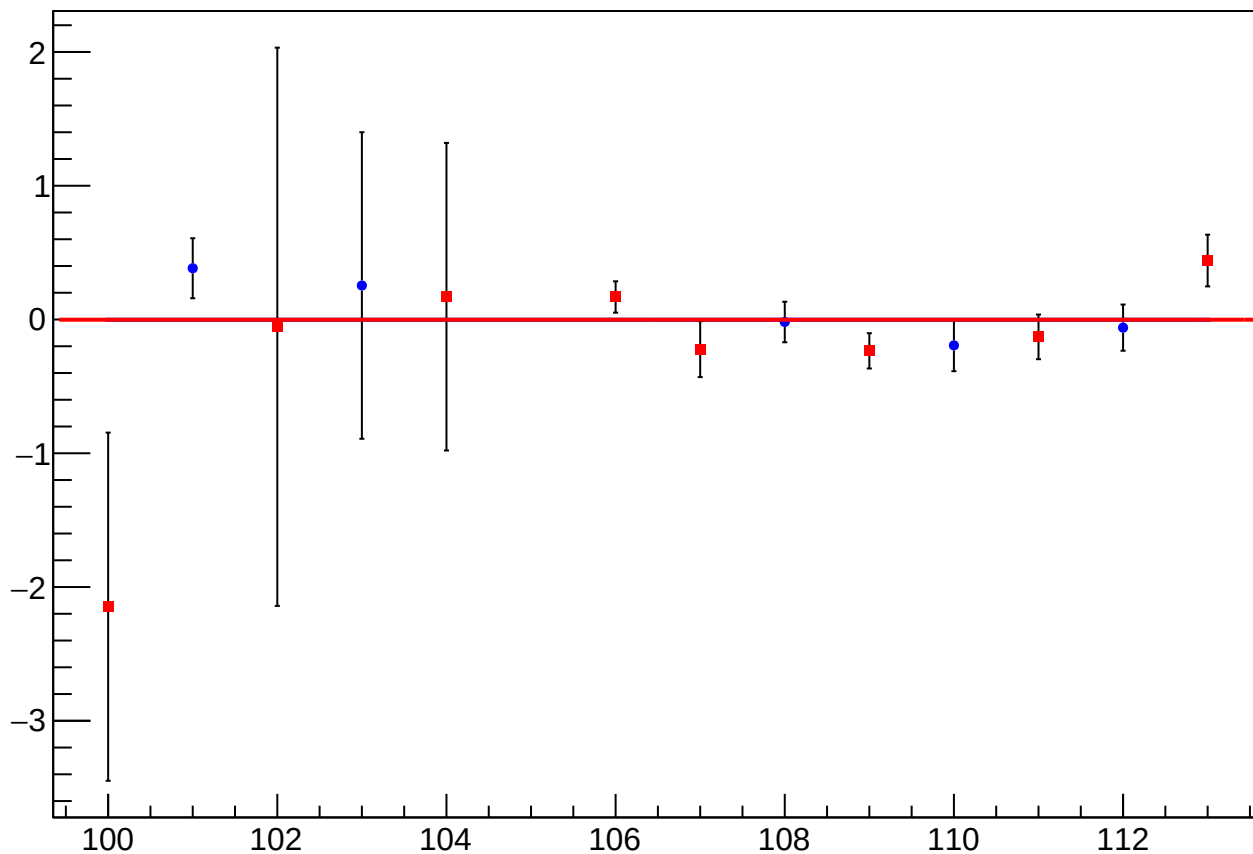
Right: 0.000+/-0.000 χ^2/NDF : 2808048.8/12

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 : 2808048.8/12

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 ± 0.090 χ^2/NDF : 4.1/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.002 ± 0.068 χ^2/NDF : 14.9/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

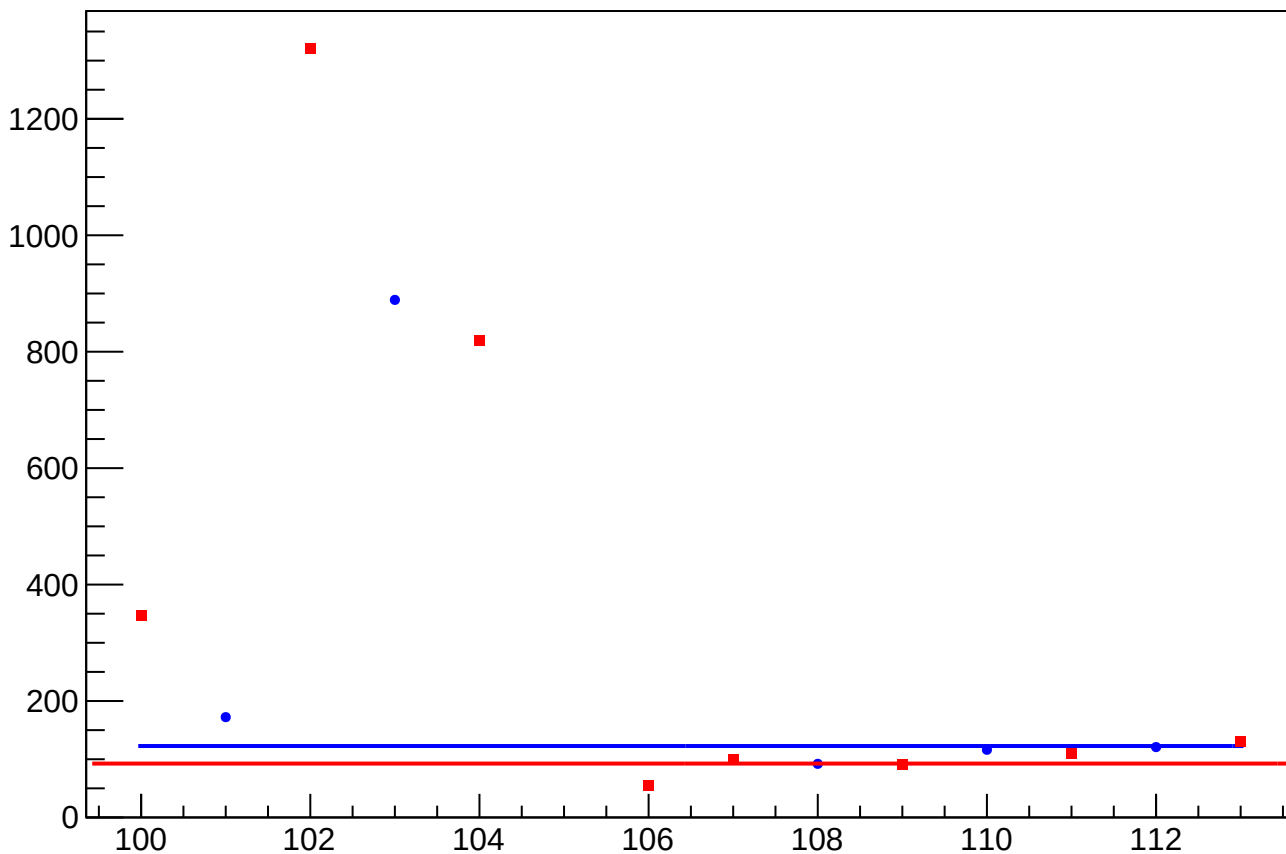
Right: -0.002 ± 0.054 χ^2/NDF : 19.0/12

In: -0.002 ± 0.090 χ^2/NDF : 4.1/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.002 ± 0.054 χ^2/NDF : 19.0/12

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: 92.564+/-0.048 χ^2/NDF : 1874251.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

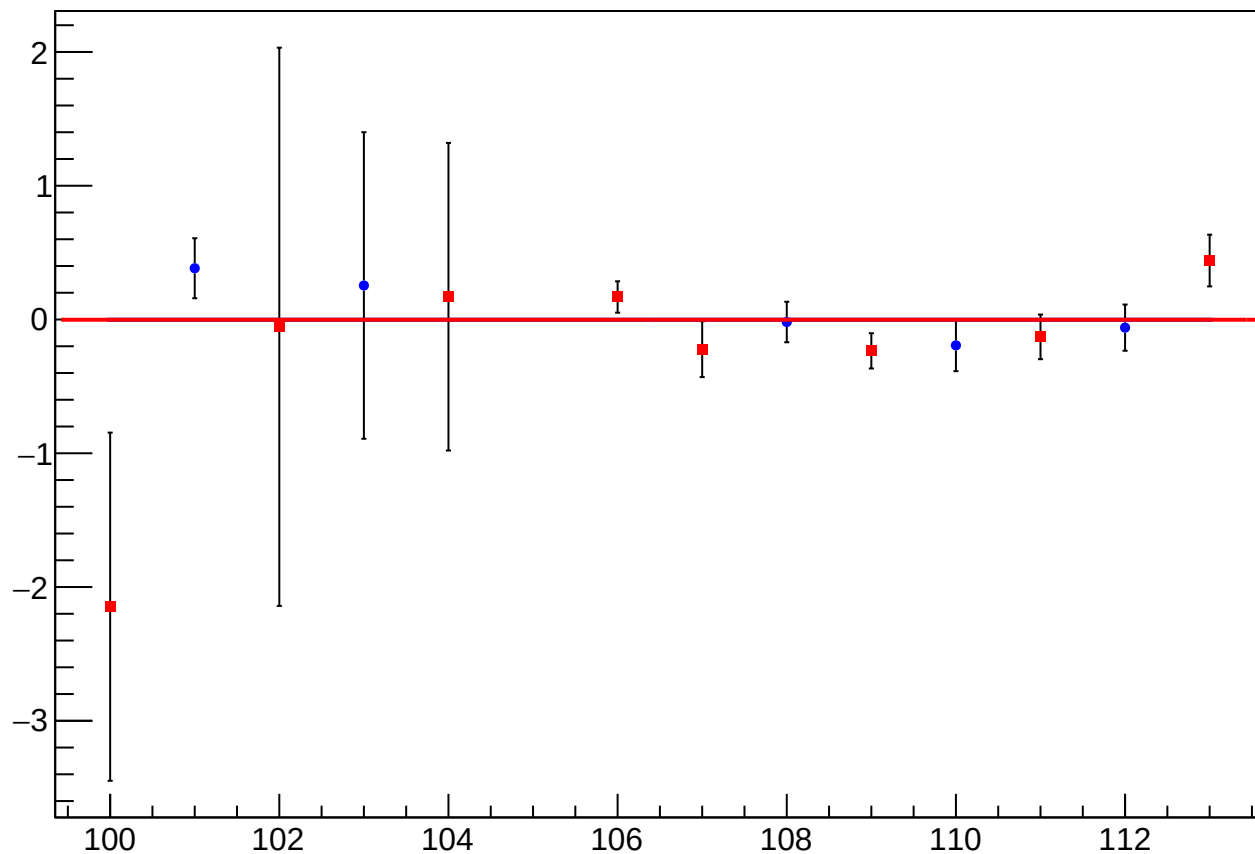
Right: 103.538+/-0.038 χ^2/NDF : 3094302.9/12

In: 122.703+/-0.063 χ^2/NDF : 1076252.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.538+/-0.038 χ^2/NDF : 3094302.9/12

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 ± 0.090 $\chi^2/\text{NDF}: 4.1/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.002 ± 0.068 $\chi^2/\text{NDF}: 14.9/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

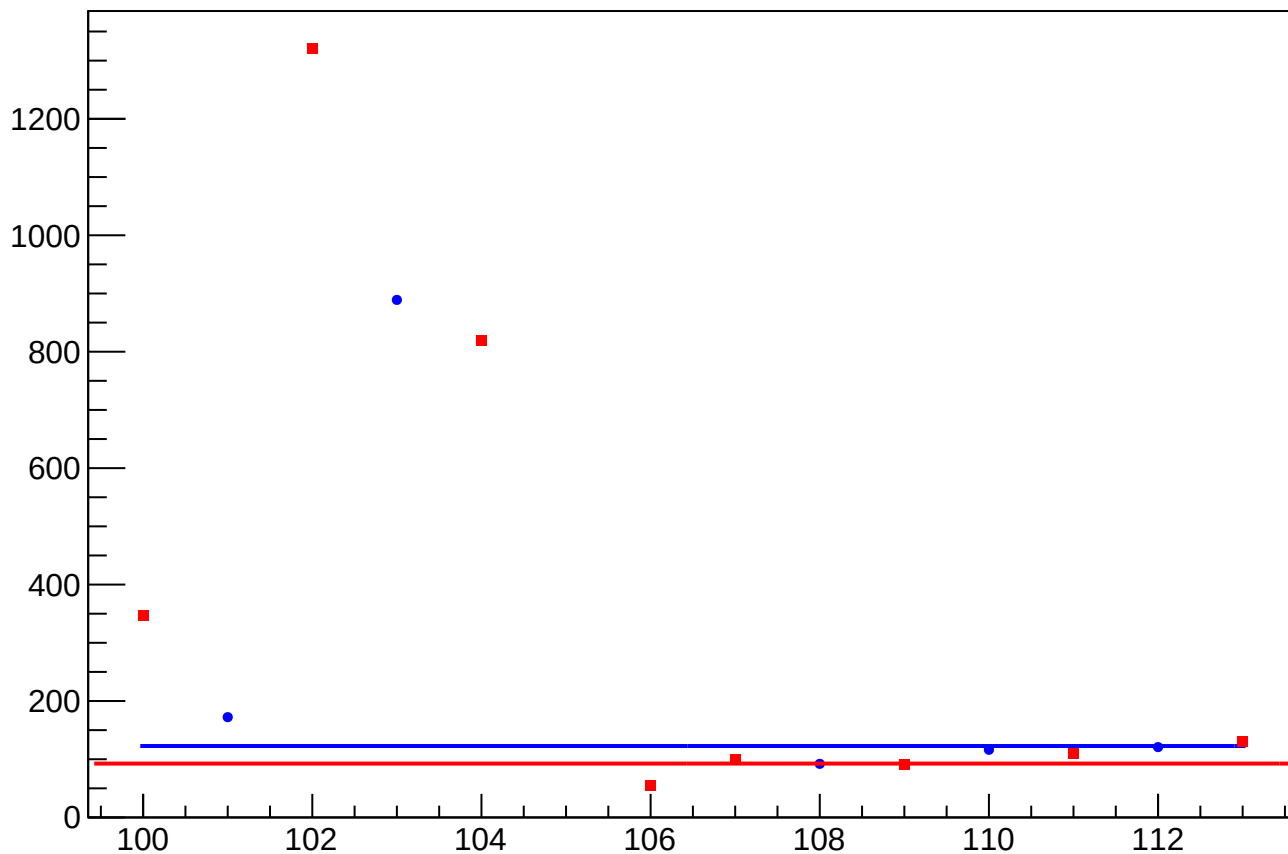
Right: -0.002 ± 0.054 $\chi^2/\text{NDF}: 19.0/12$

In: -0.002 ± 0.090 $\chi^2/\text{NDF}: 4.1/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.002 ± 0.054 $\chi^2/\text{NDF}: 19.0/12$

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: 92.564+/-0.048 χ^2/NDF : 1874251.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

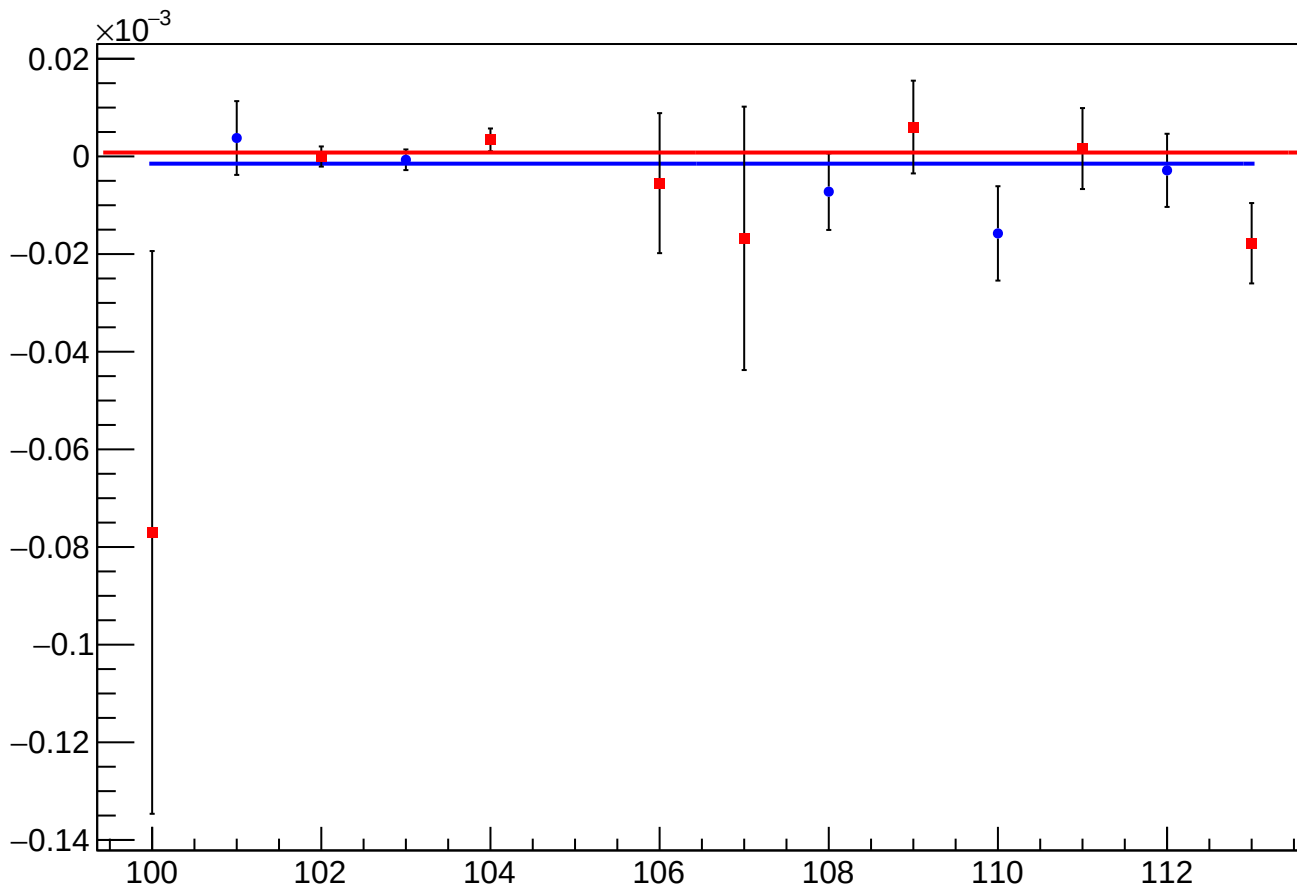
Right: 103.538+/-0.038 χ^2/NDF : 3094302.9/12

In: 122.703+/-0.063 χ^2/NDF : 1076252.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.538+/-0.038 χ^2/NDF : 3094302.9/12

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 : 9.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

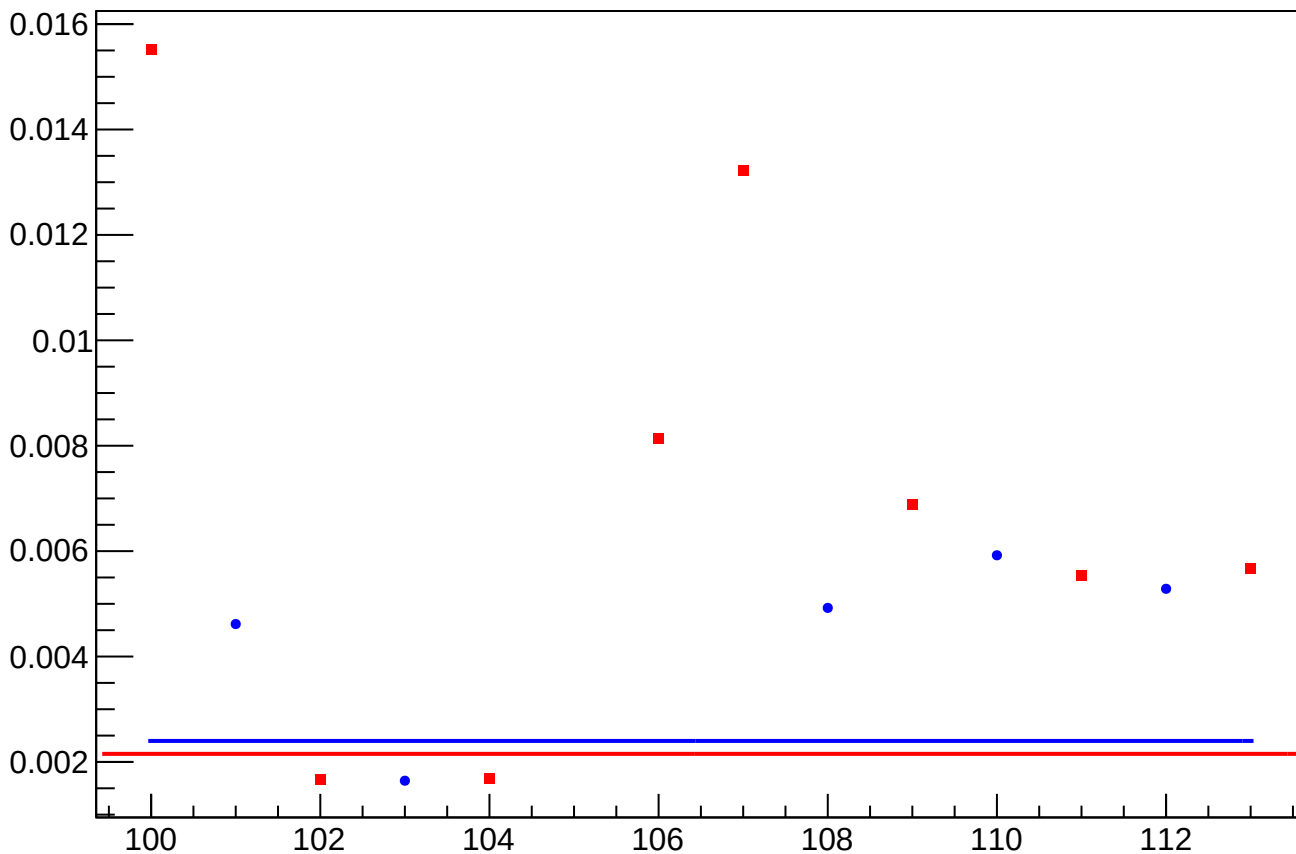
Right: -0.000+/-0.000 χ^2/NDF : 13.5/12

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 : 13.5/12

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 : 2181370.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

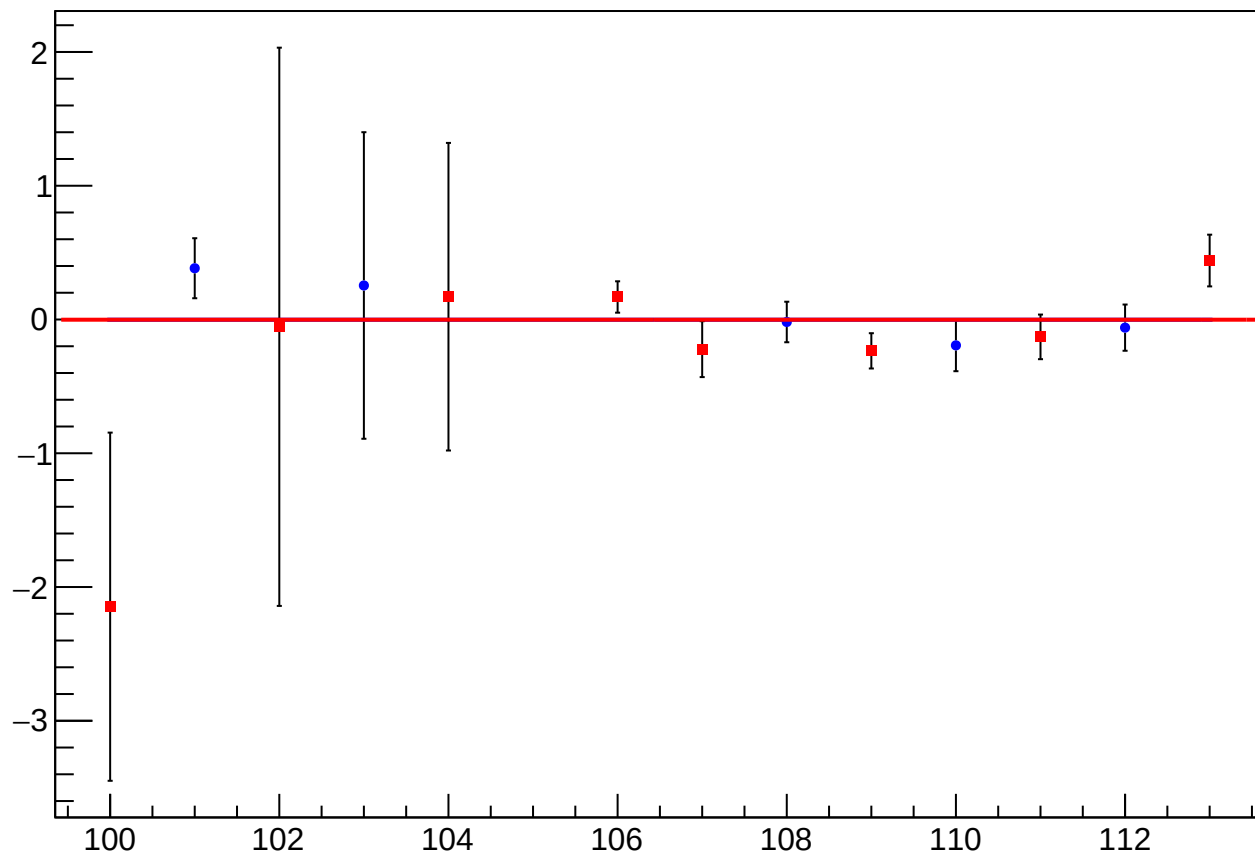
Right: 0.002+/-0.000 χ^2/NDF : 3400275.9/12

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 : 3400275.9/12

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 ± 0.090 $\chi^2/\text{NDF}: 4.1/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.002 ± 0.068 $\chi^2/\text{NDF}: 14.9/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

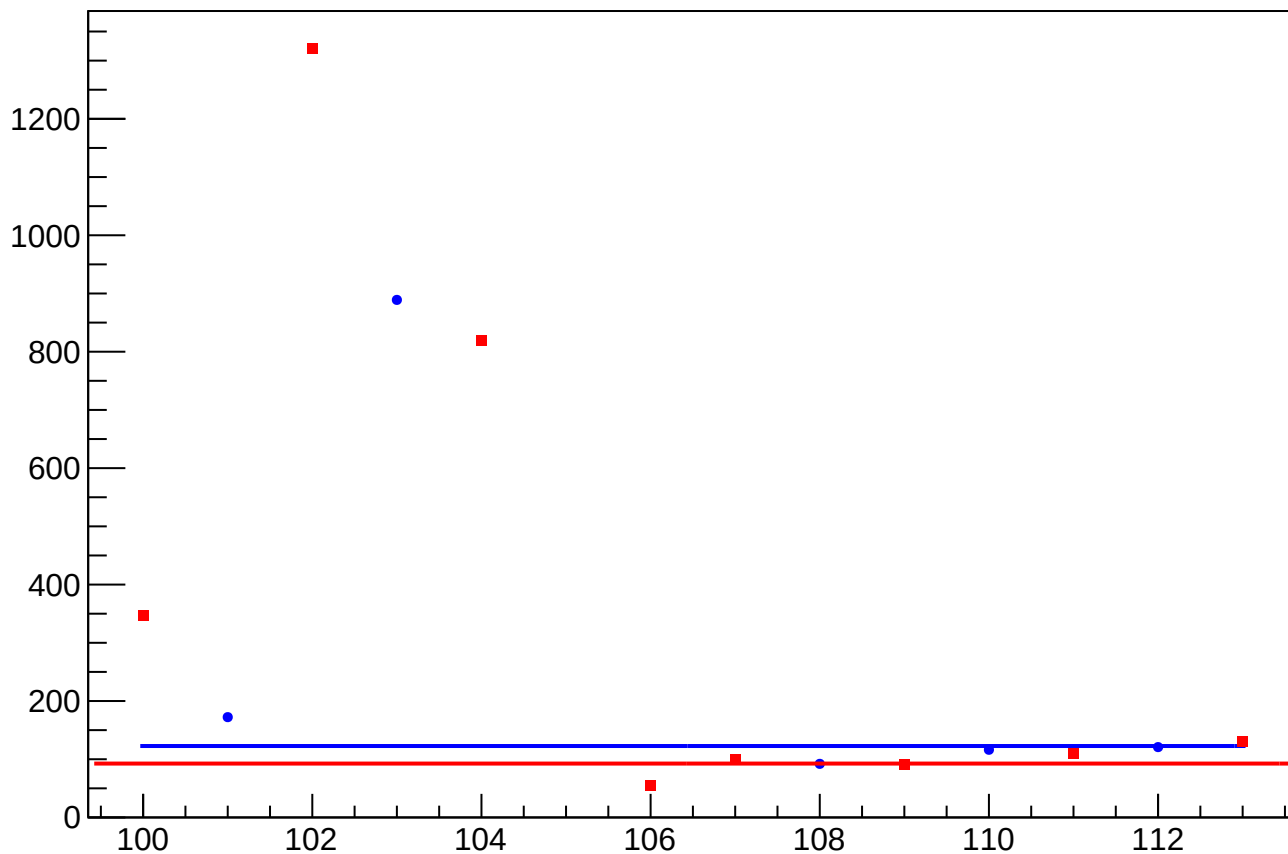
Right: -0.002 ± 0.054 $\chi^2/\text{NDF}: 19.0/12$

In: -0.002 ± 0.090 $\chi^2/\text{NDF}: 4.1/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.002 ± 0.054 $\chi^2/\text{NDF}: 19.0/12$

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 122.704 $\pm$ 0.063 χ^2 /NDF: 1076234.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 92.561 $\pm$ 0.048 χ^2 /NDF: 1874318.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

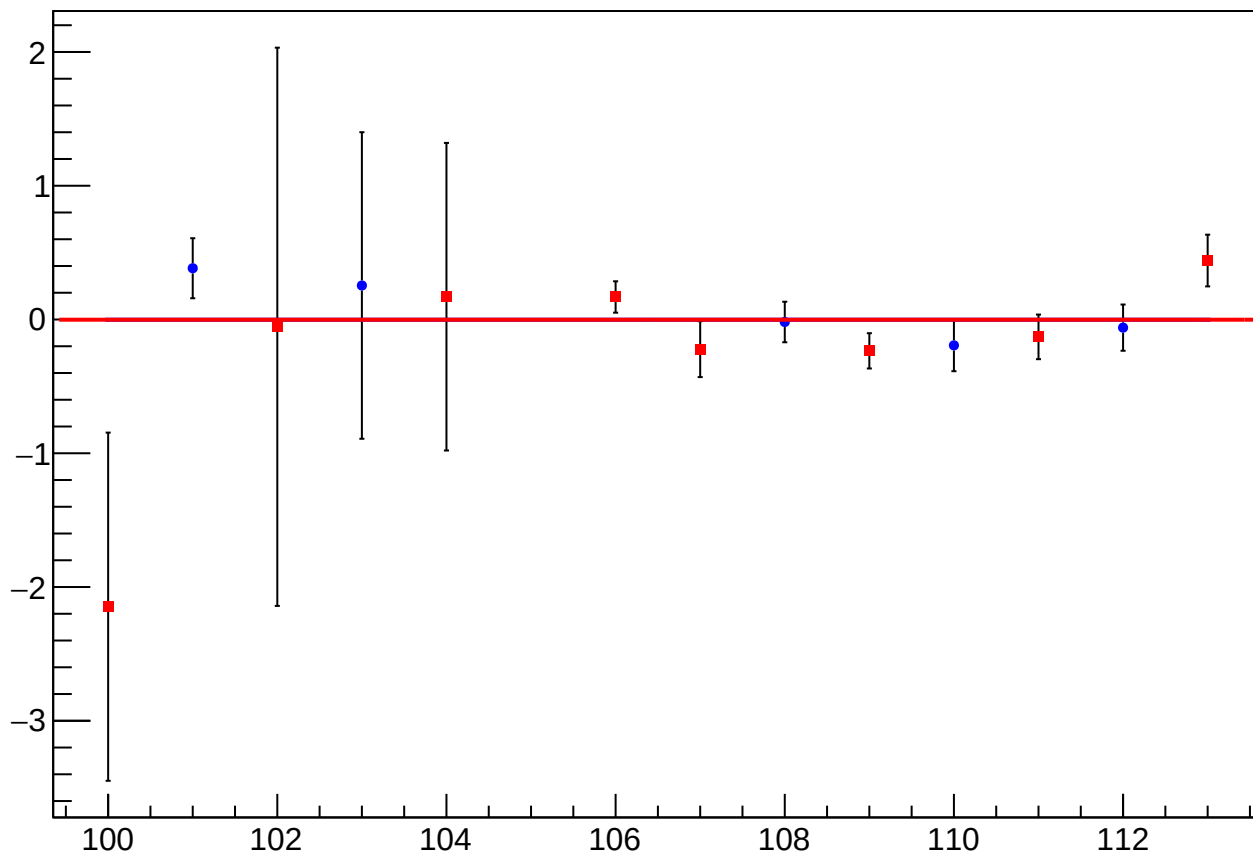
Right: 103.537 $\pm$ 0.038 χ^2 /NDF: 3094394.0/12

In: 122.704 $\pm$ 0.063 χ^2 /NDF:1076234.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 103.537 $\pm$ 0.038 χ^2 /NDF: 3094394.0/12

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 ± 0.090 χ^2/NDF : 4.1/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.002 ± 0.068 χ^2/NDF : 14.9/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

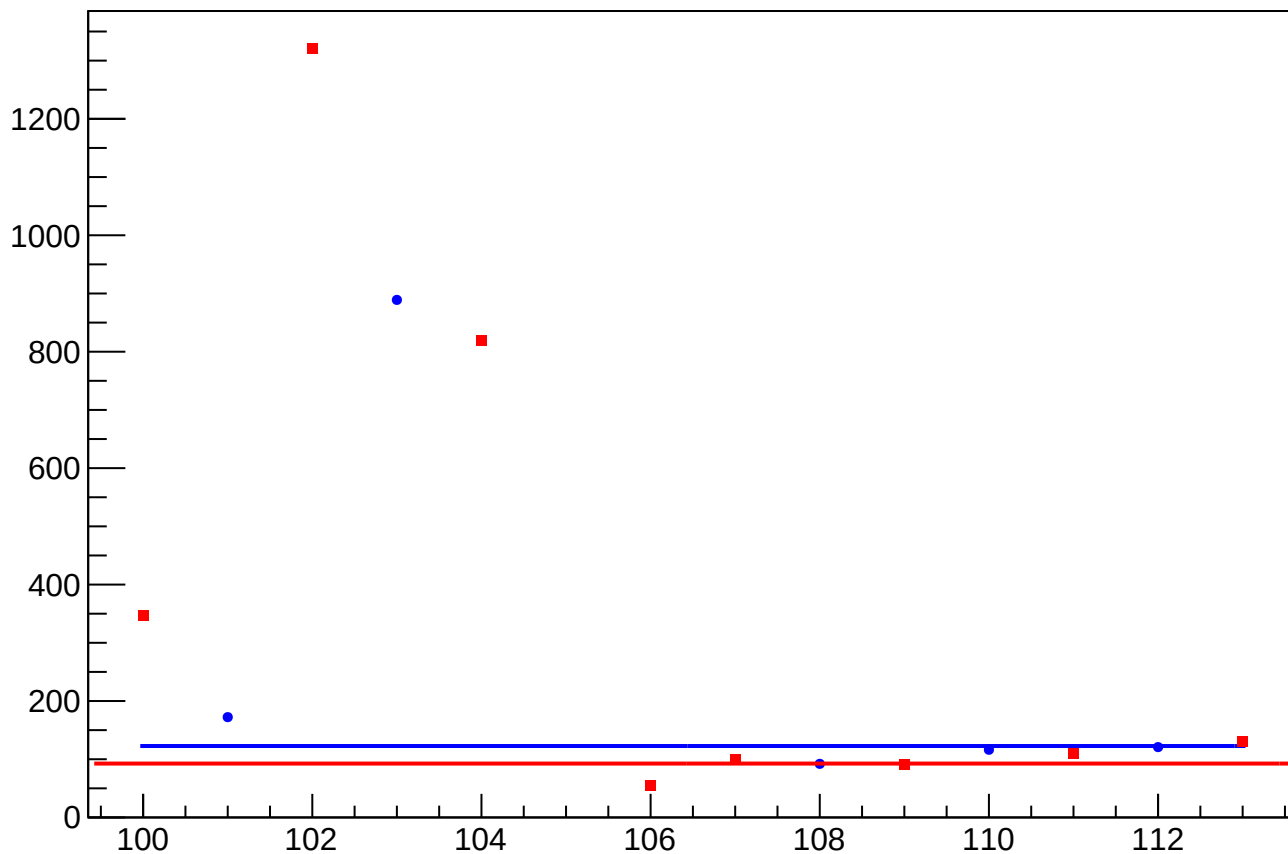
Right: -0.002 ± 0.054 χ^2/NDF : 19.0/12

In: -0.002 ± 0.090 χ^2/NDF : 4.1/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.002 ± 0.054 χ^2/NDF : 19.0/12

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: 92.561+/-0.048 χ^2/NDF : 1874318.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

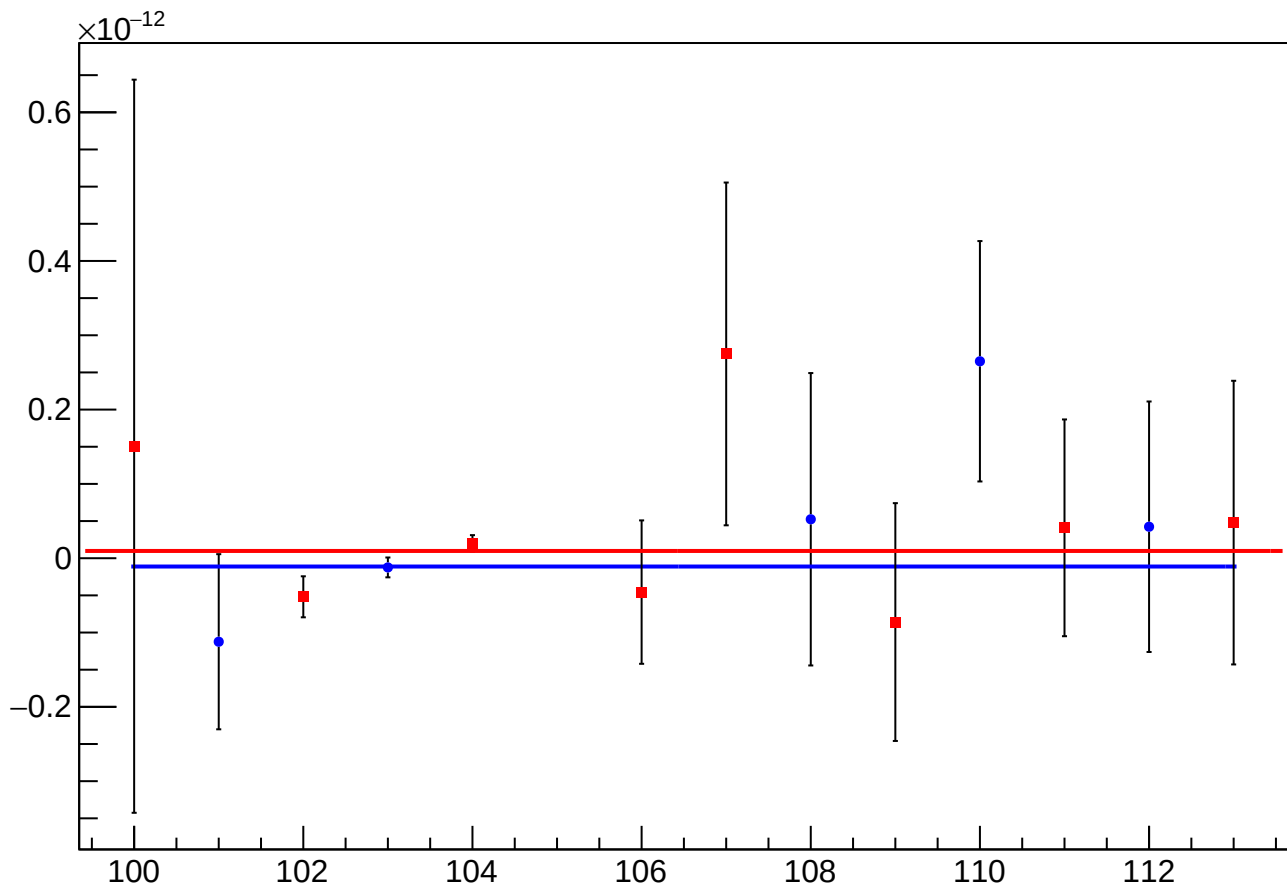
Right: 103.537+/-0.038 χ^2/NDF : 3094394.0/12

In: 122.704+/-0.063 χ^2/NDF : 1076234.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.537+/-0.038 χ^2/NDF : 3094394.0/12

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 : 8.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

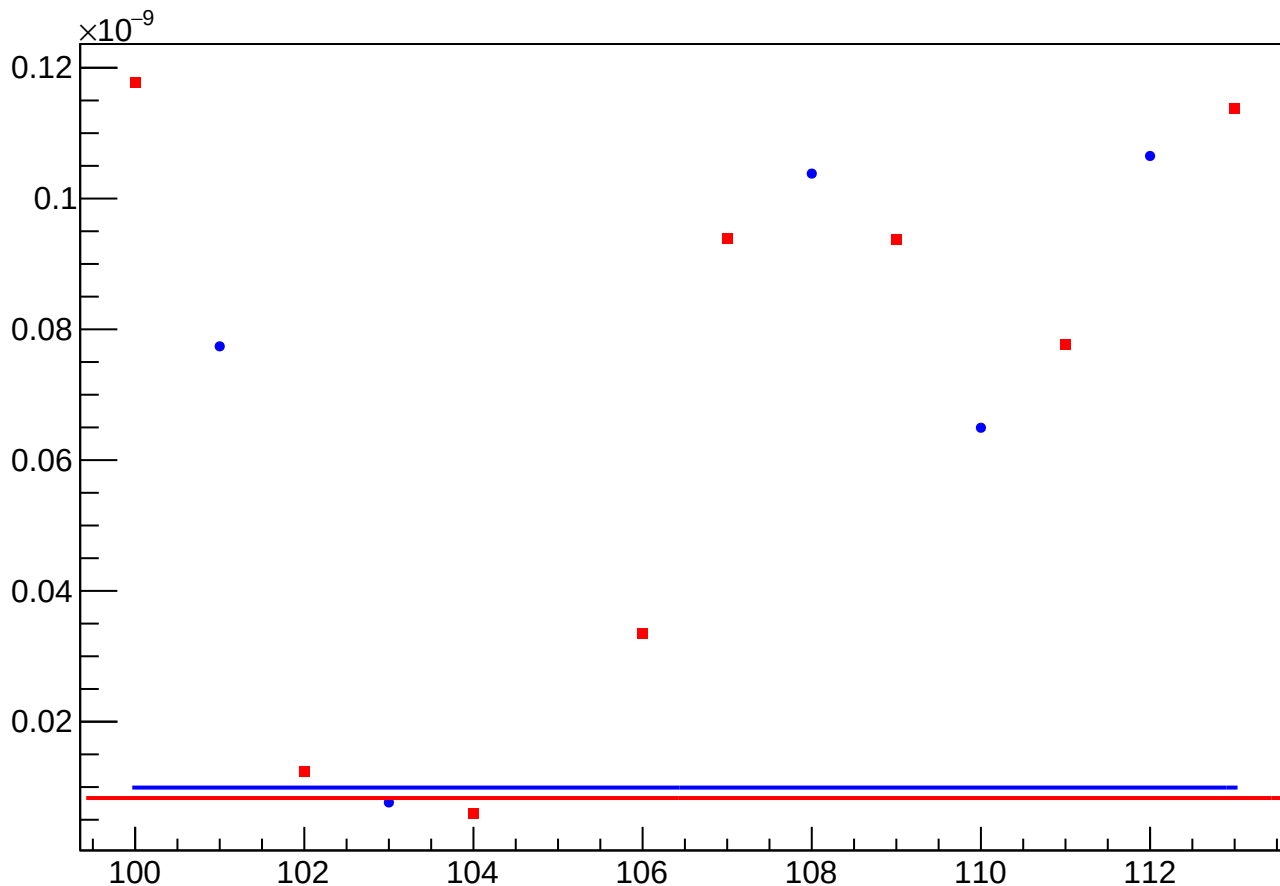
Right: 0.000+/-0.000 χ^2/NDF : 13.5/12

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 : 13.5/12

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 : 2277775.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

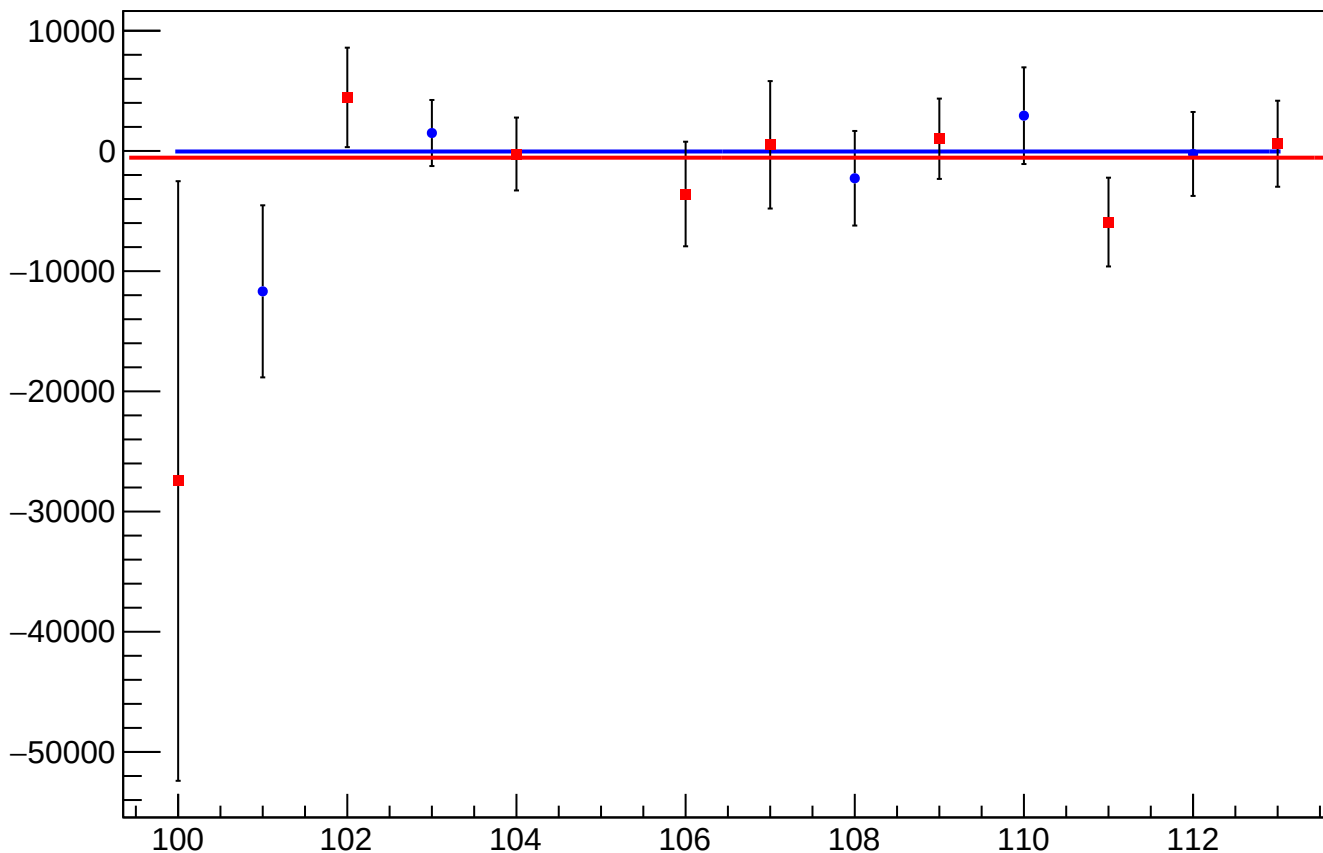
Right: 0.000+/-0.000 χ^2/NDF : 4354519.7/12

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 : 4354519.7/12

reg_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -44.563+/-1665.910 χ^2 /NDF: 3.8/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -559.414+/-1416.723 χ^2 /NDF: 5.6/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

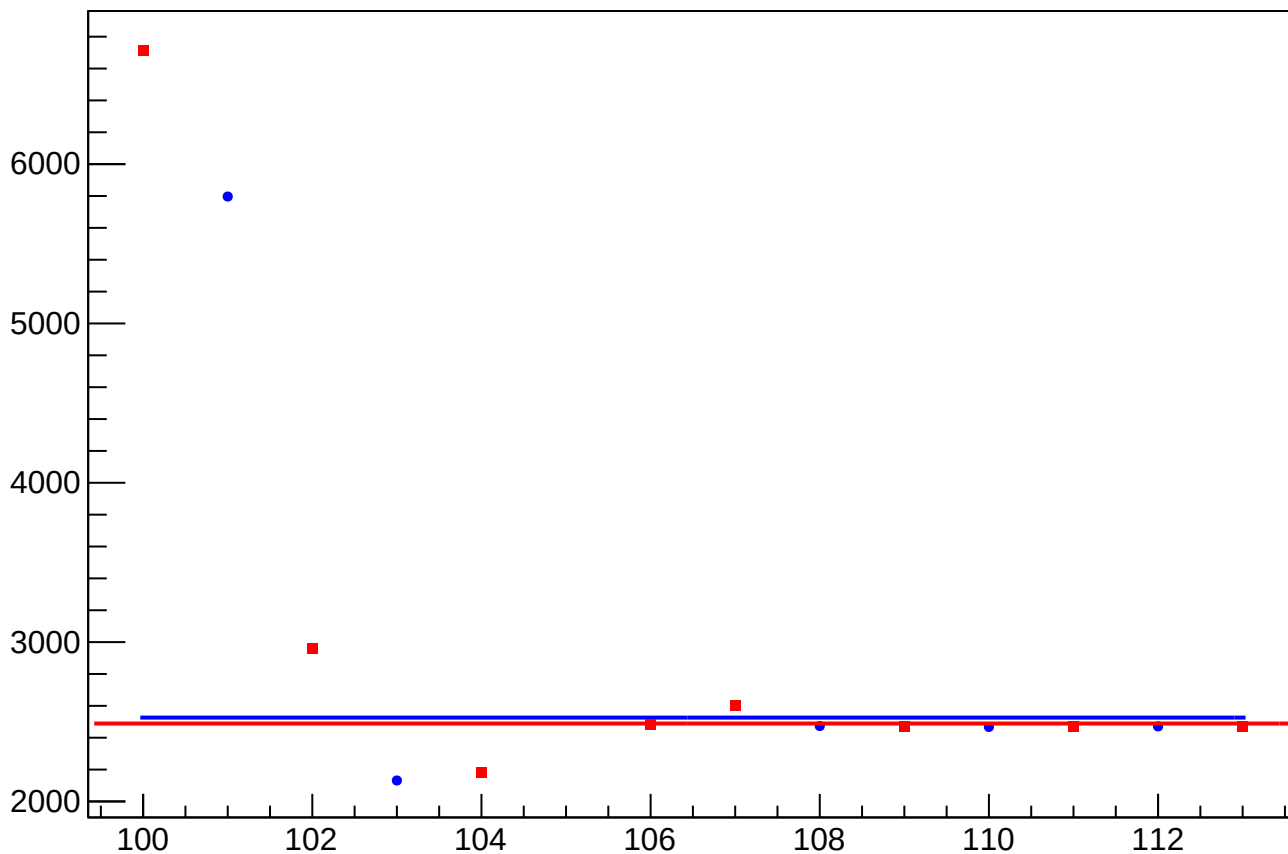
Right: -343.336+/-1079.233 χ^2 /NDF: 9.5/12

In: -44.563+/-1665.910 χ^2 /NDF:3.8/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -343.336+/-1079.233 χ^2 /NDF: 9.5/12

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: 2489.016+/-1.002 χ^2/NDF : 104713.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

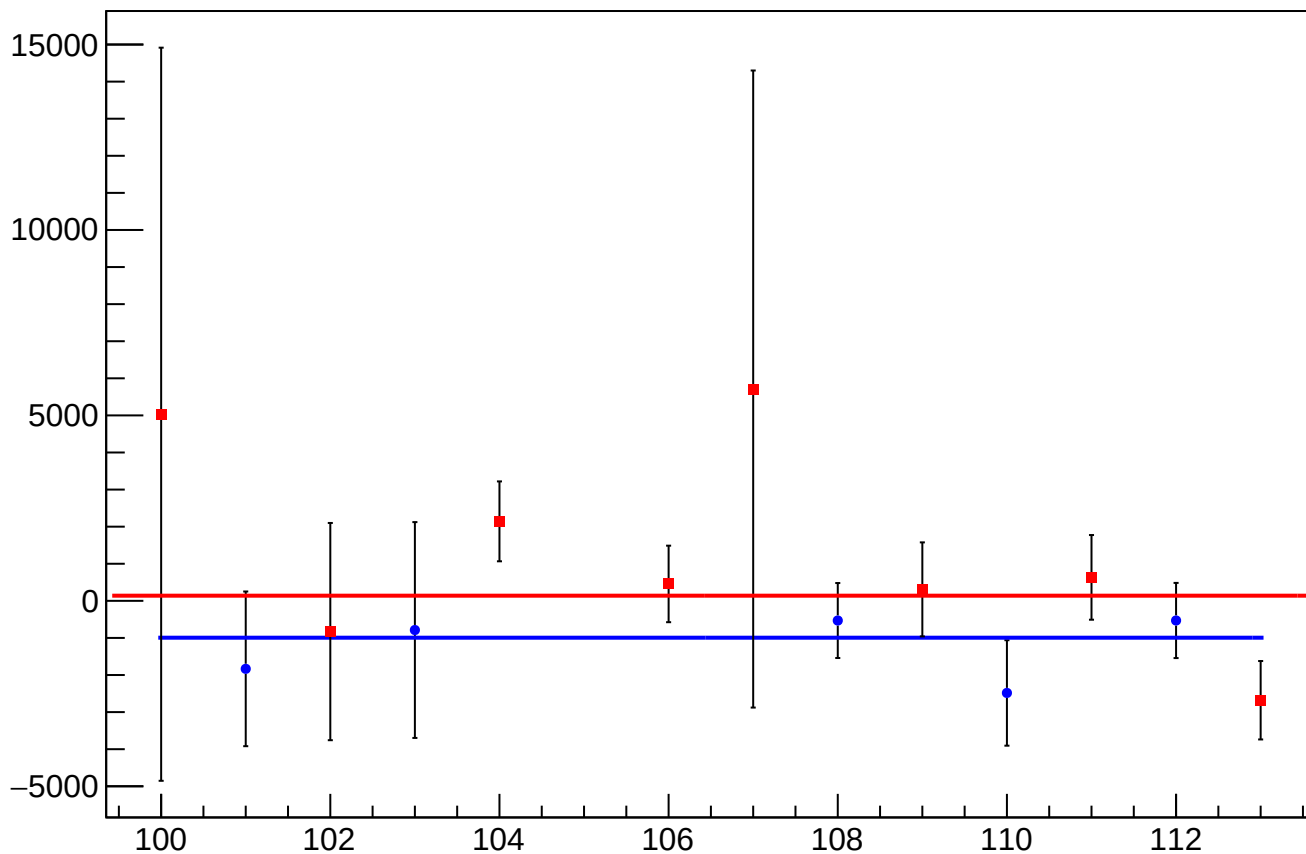
Right: 2504.644+/-0.763 χ^2/NDF : 565332.3/12

In: 2526.254+/-1.178 χ^2/NDF : 460039.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2504.644+/-0.763 χ^2/NDF : 565332.3/12

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: 139.097+/-486.458 χ^2/NDF : 11.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

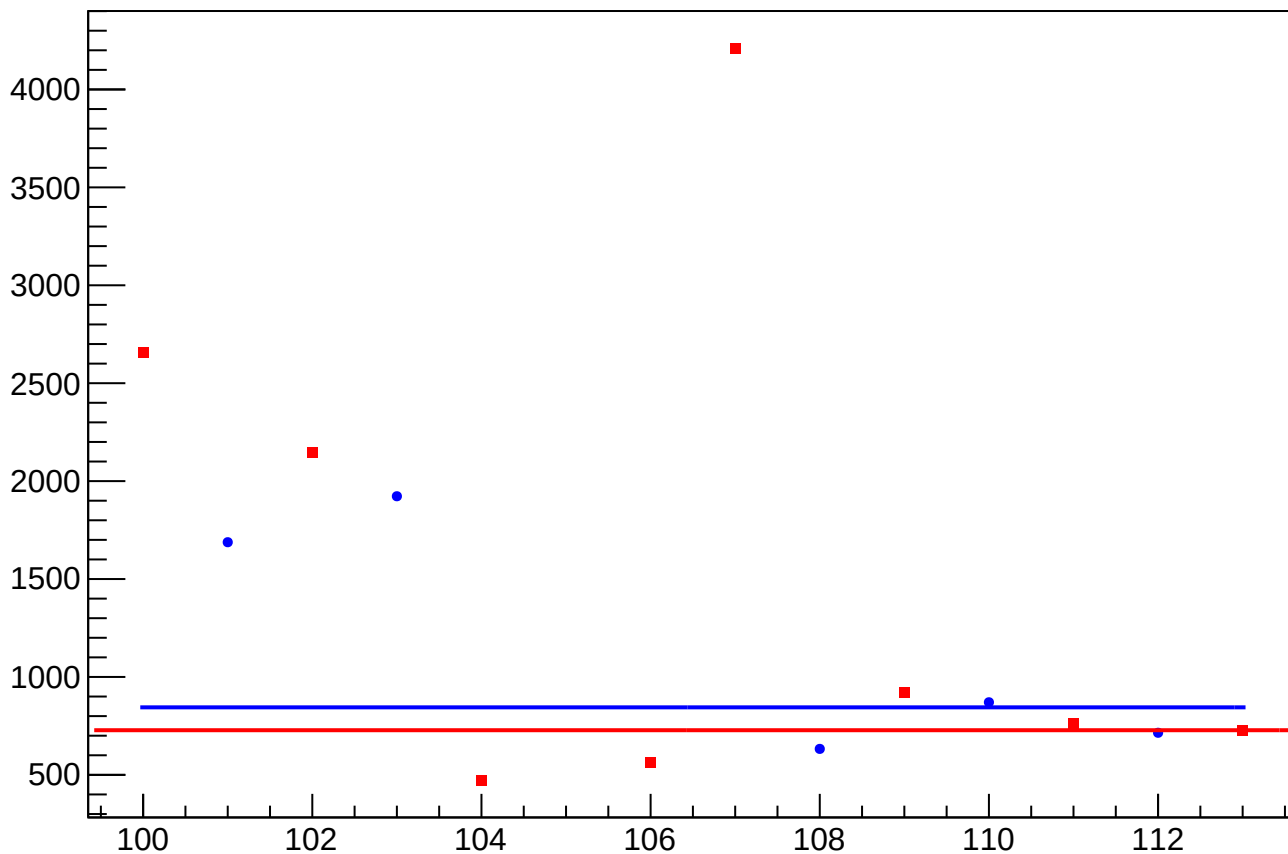
Right: -311.976+/-377.397 χ^2/NDF : 15.5/12

In: -993.901+/-598.122 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -311.976+/-377.397 χ^2/NDF : 15.5/12

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: 727.983+/-0.344 χ^2/NDF : 1088536.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

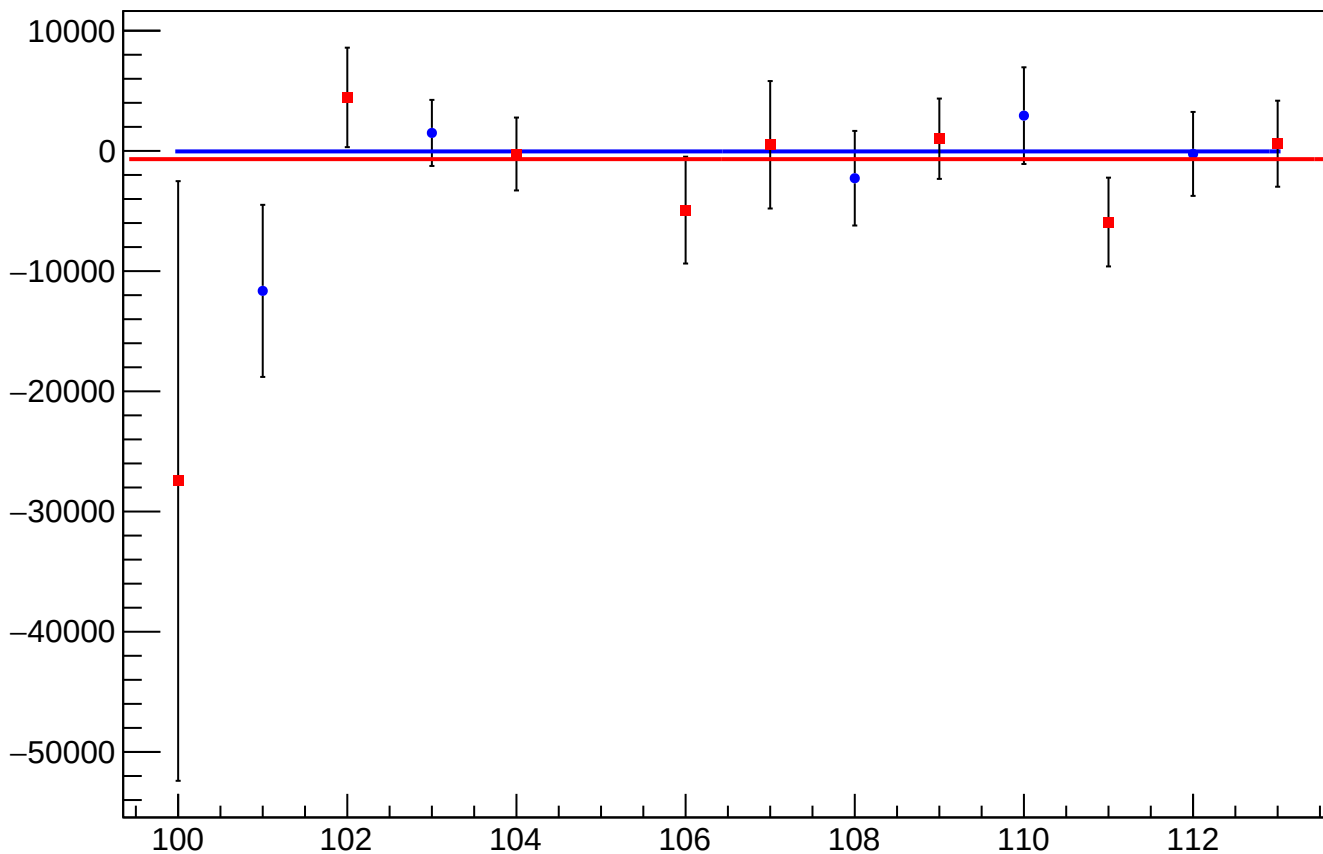
Right: 774.479+/-0.267 χ^2/NDF : 1857489.2/12

In: 844.770+/-0.423 χ^2/NDF : 723060.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 774.479+/-0.267 χ^2/NDF : 1857489.2/12

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: -684.650+/-1419.850 χ^2 /NDF: 6.1/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

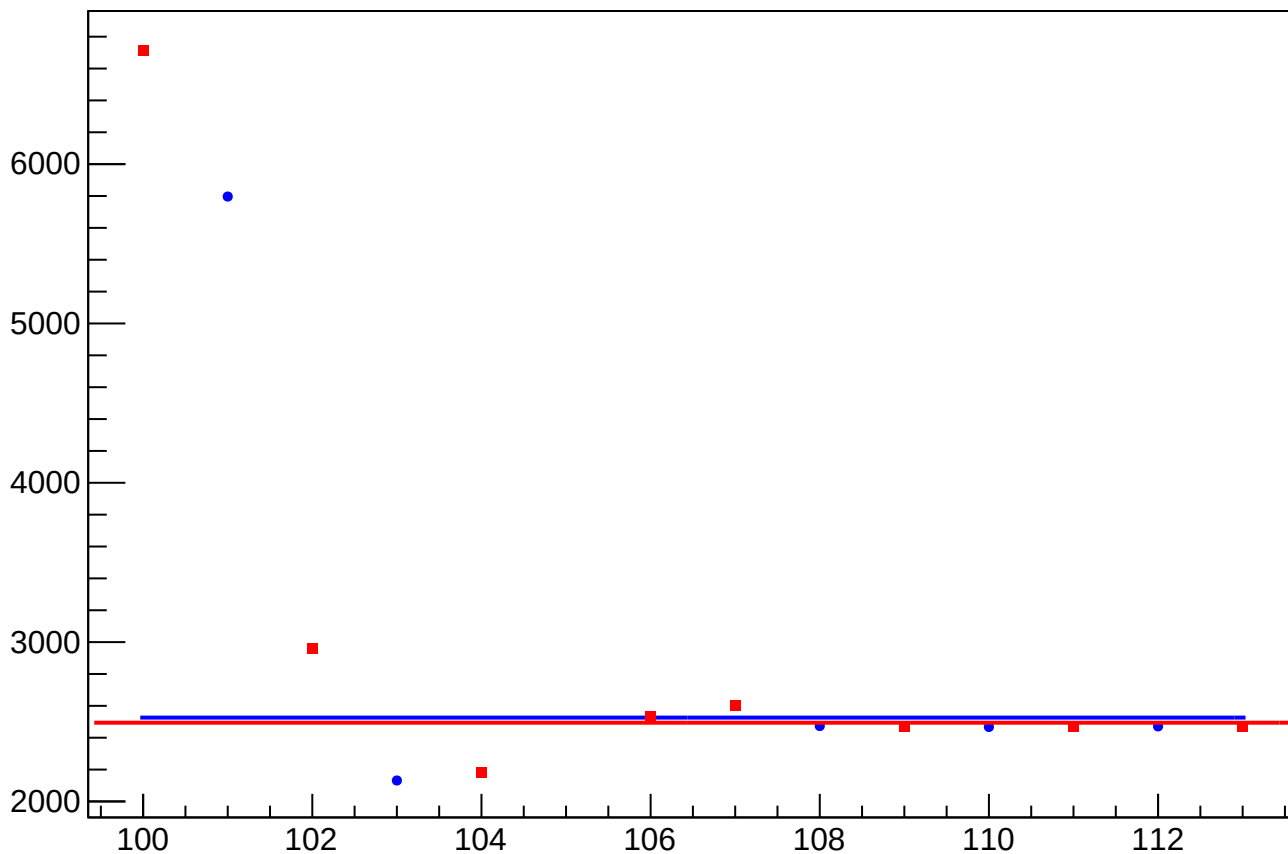
Right: -413.856+/-1080.614 χ^2 /NDF: 10.0/12

In: -41.071+/-1665.911 χ^2 /NDF:3.8/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -413.856+/-1080.614 χ^2 /NDF: 10.0/12

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: 2494.216+/-1.004 χ^2/NDF : 104893.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

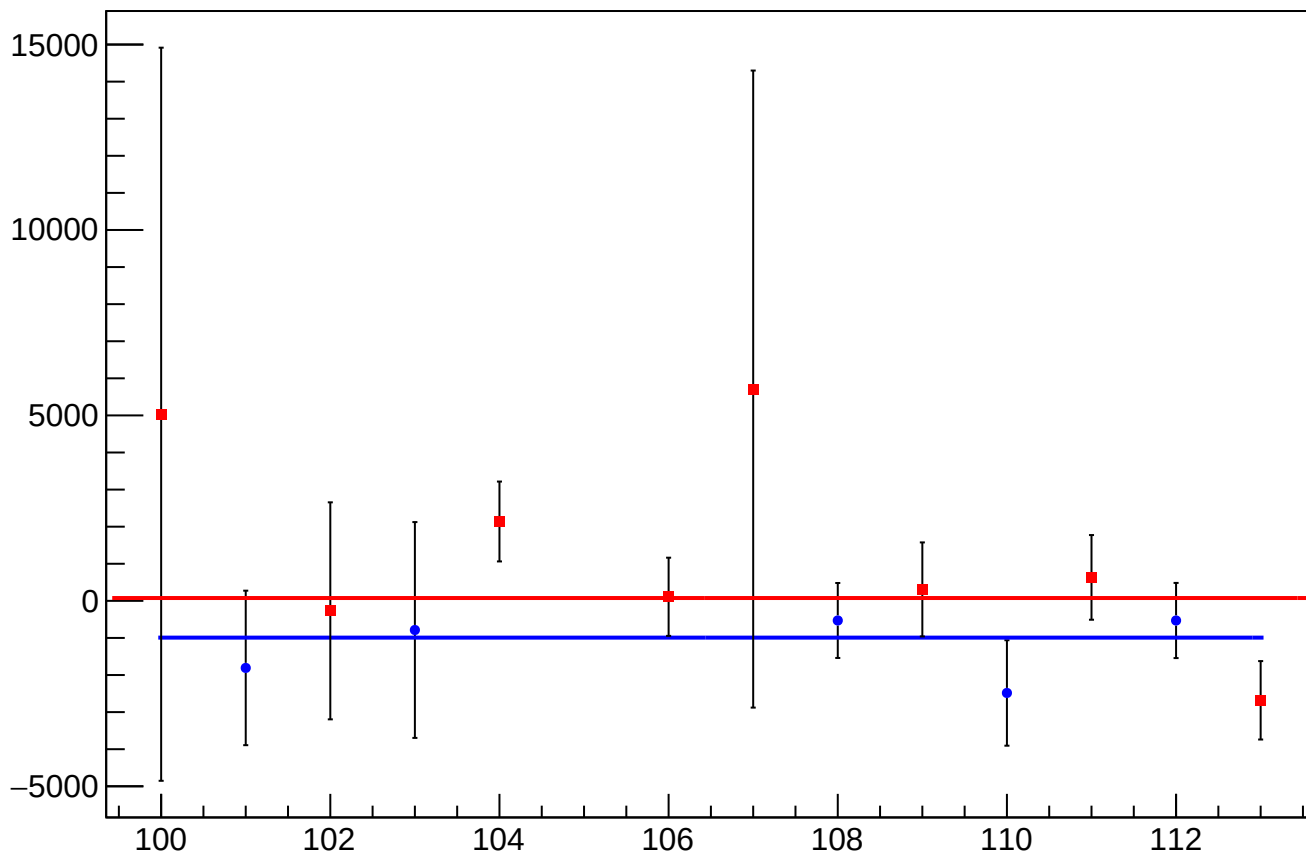
Right: 2507.697+/-0.764 χ^2/NDF : 565361.2/12

In: 2526.254+/-1.178 χ^2/NDF : 460039.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2507.697+/-0.764 χ^2/NDF : 565361.2/12

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: 76.242+/-488.709 χ^2/NDF : 11.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

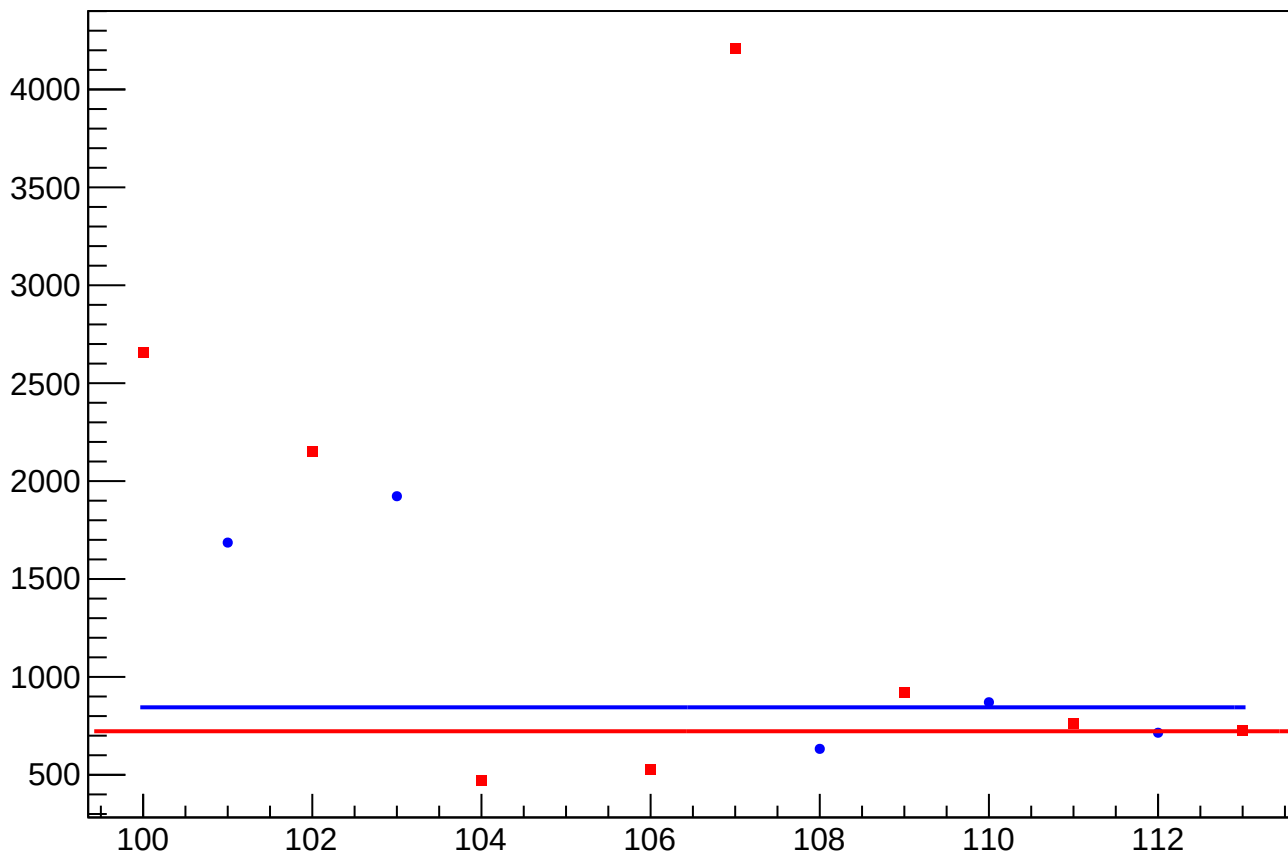
Right: -351.270+/-378.432 χ^2/NDF : 15.0/12

In: -991.520+/-598.069 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -351.270+/-378.432 χ^2/NDF : 15.0/12

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: 722.536+/-0.346 χ^2/NDF : 1111151.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

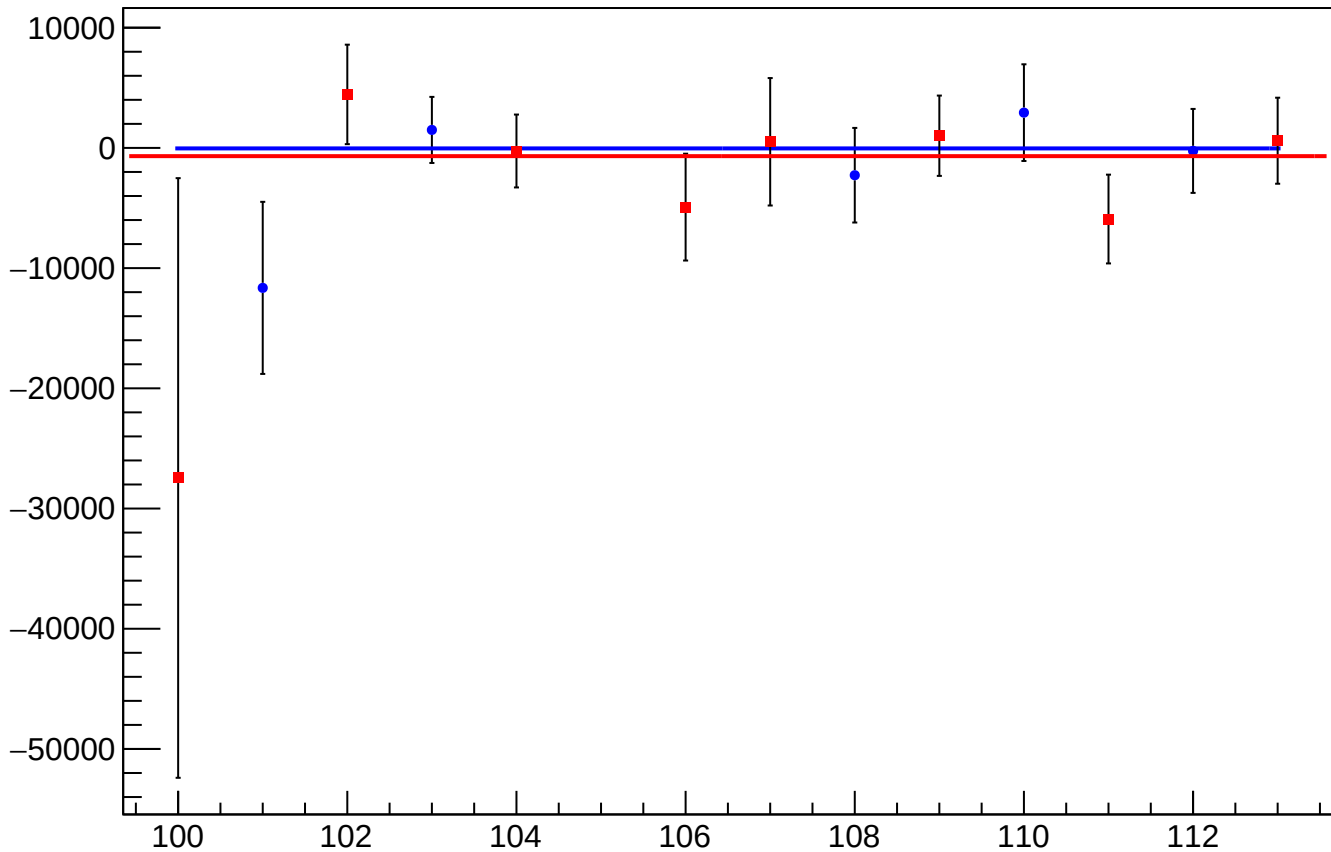
Right: 771.479+/-0.268 χ^2/NDF : 1883495.0/12

In: 844.778+/-0.423 χ^2/NDF : 722242.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 771.479+/-0.268 χ^2/NDF : 1883495.0/12

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: -684.650+/-1419.850 χ^2 /NDF: 6.1/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

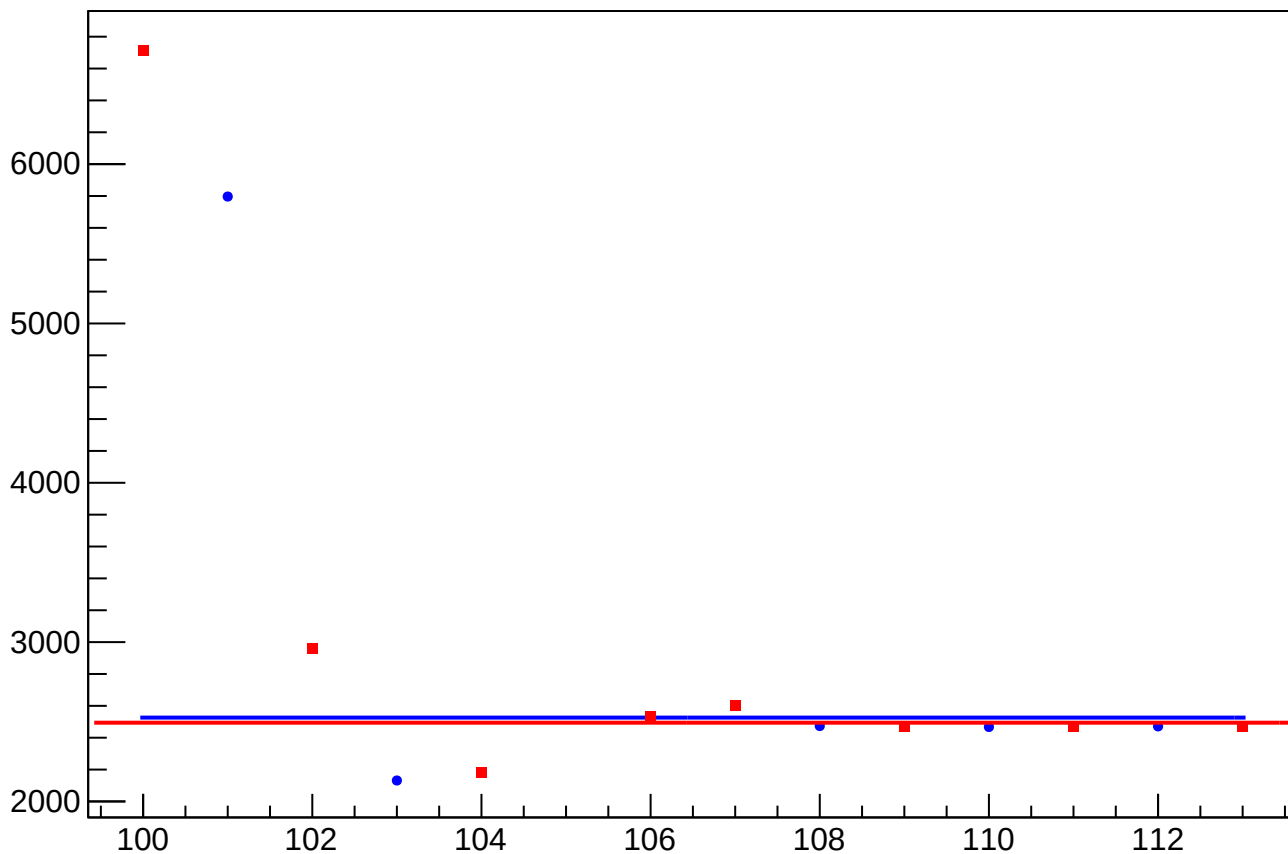
Right: -413.856+/-1080.614 χ^2 /NDF: 10.0/12

In: -41.071+/-1665.911 χ^2 /NDF:3.8/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -413.856+/-1080.614 χ^2 /NDF: 10.0/12

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: 2494.216+/-1.004 χ^2/NDF : 104893.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

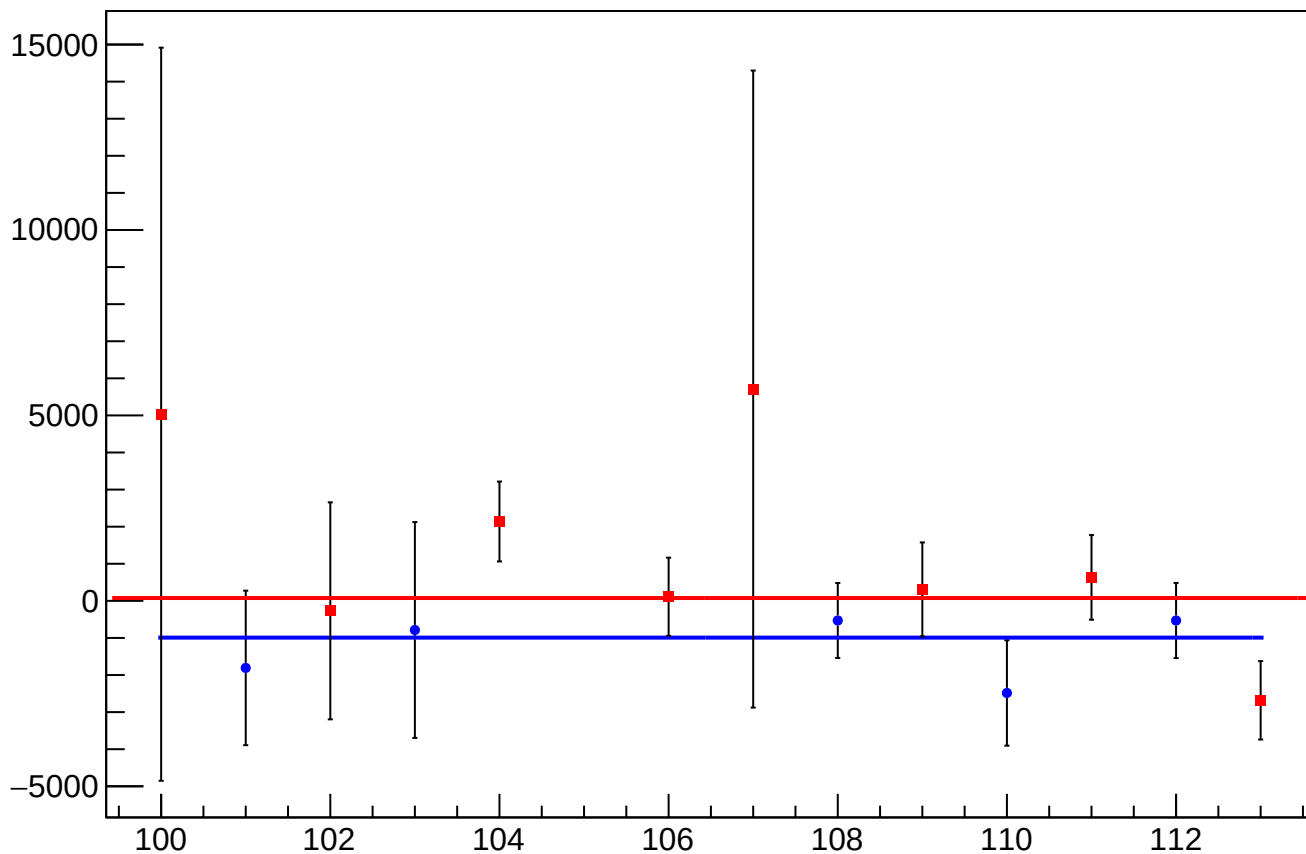
Right: 2507.697+/-0.764 χ^2/NDF : 565361.2/12

In: 2526.254+/-1.178 χ^2/NDF : 460039.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2507.697+/-0.764 χ^2/NDF : 565361.2/12

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: 76.242+/-488.709 χ^2/NDF : 11.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

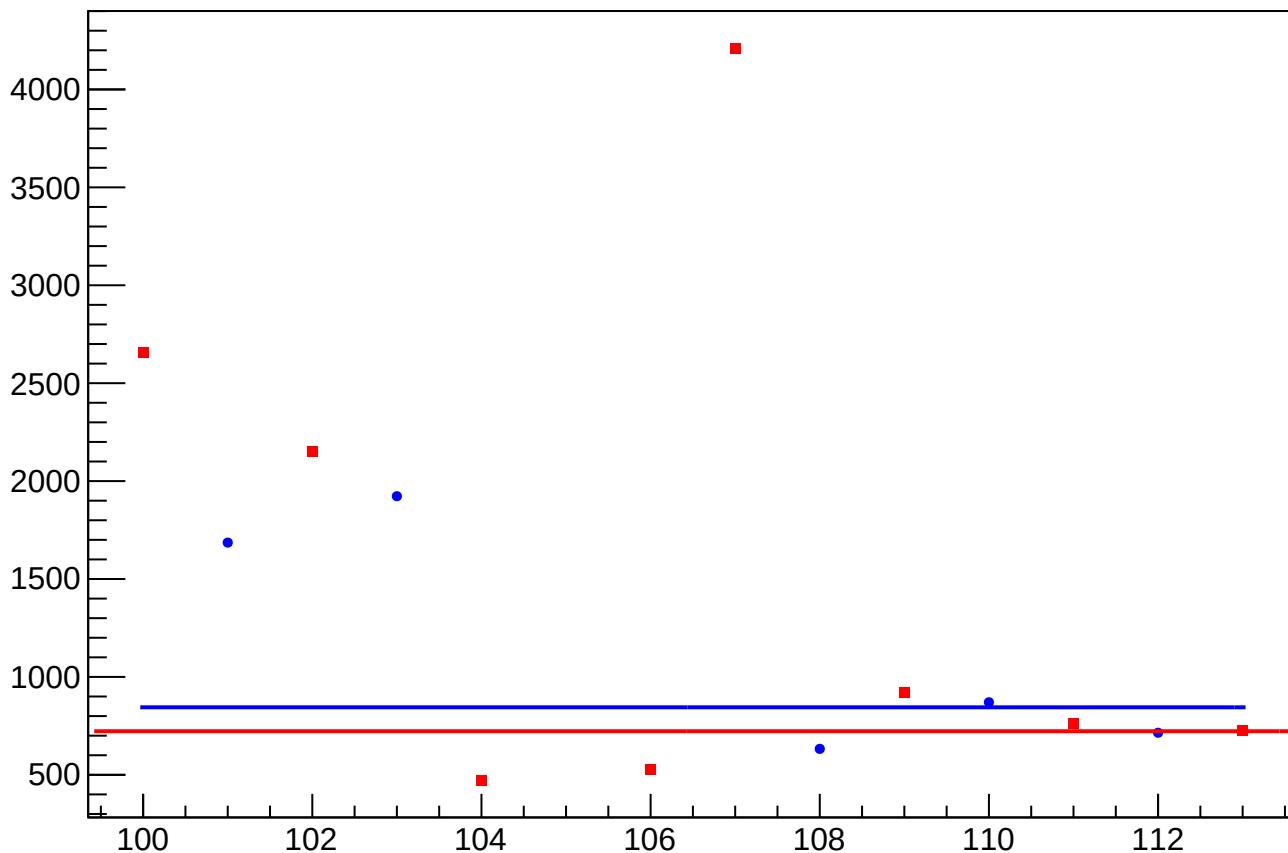
Right: -351.270+/-378.432 χ^2/NDF : 15.0/12

In: -991.520+/-598.069 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -351.270+/-378.432 χ^2/NDF : 15.0/12

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: 722.536+/-0.346 χ^2/NDF : 1111151.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

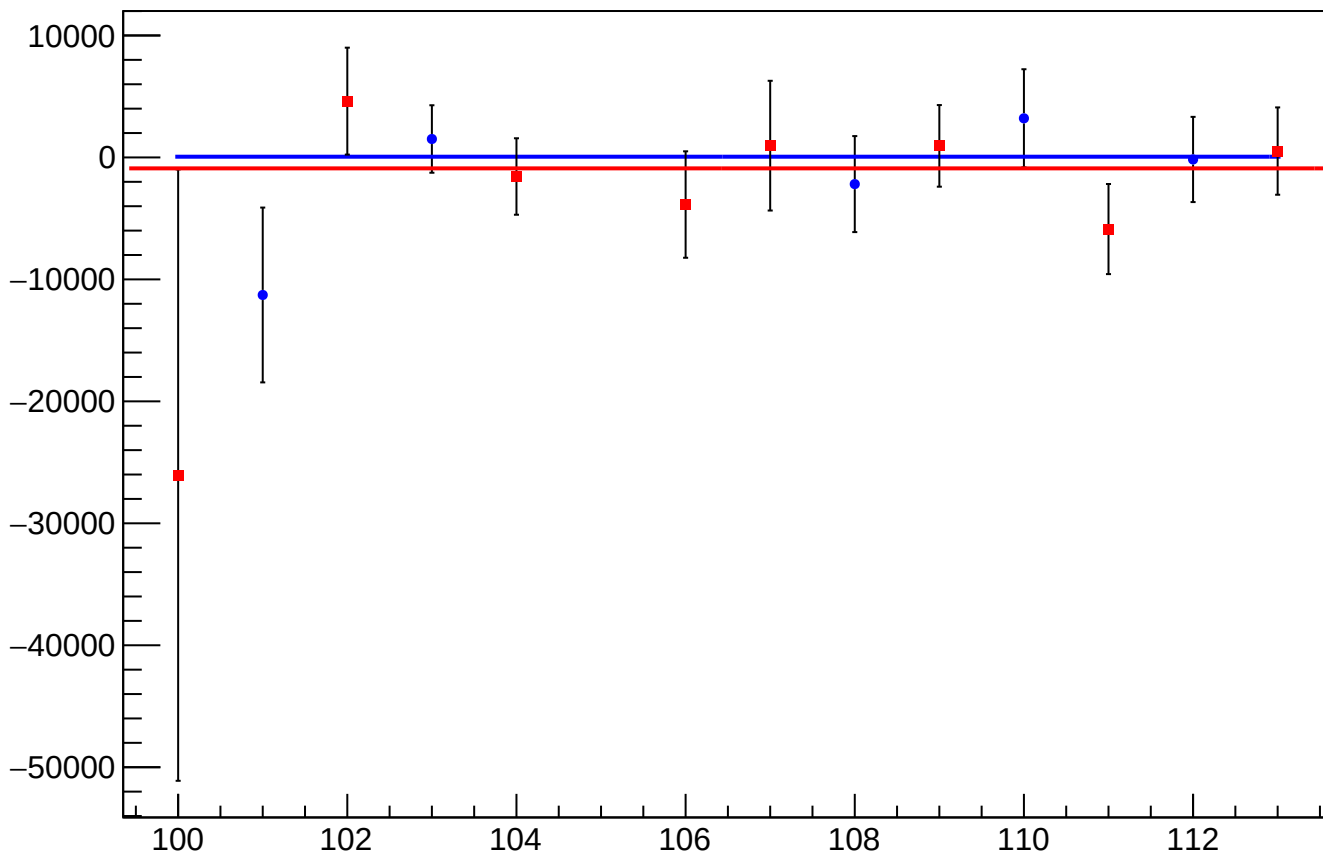
Right: 771.479+/-0.268 χ^2/NDF : 1883495.0/12

In: 844.778+/-0.423 χ^2/NDF : 722242.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 771.479+/-0.268 χ^2/NDF : 1883495.0/12

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: -897.224+/-1437.638 χ^2/NDF : 5.5/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

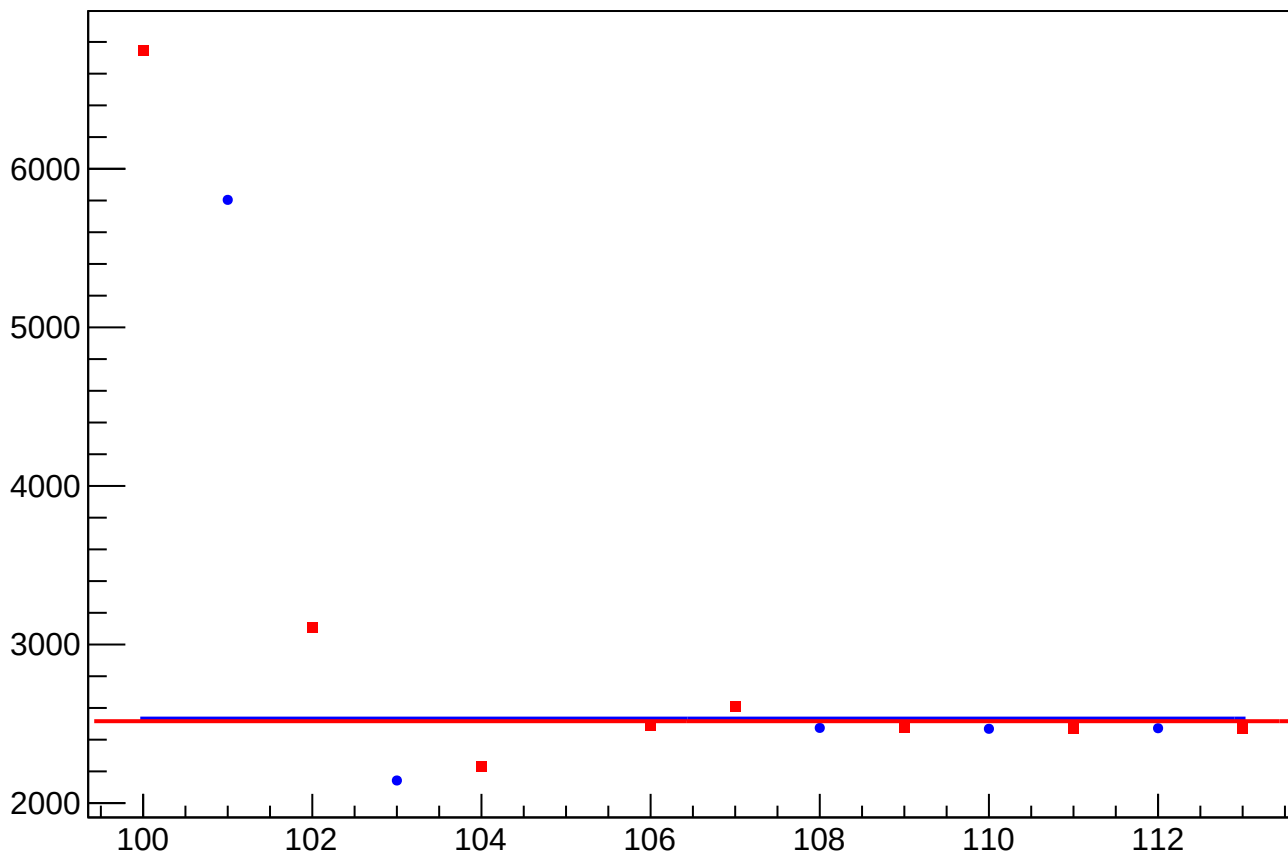
Right: -490.117+/-1089.664 χ^2/NDF : 9.4/12

In: 59.536+/-1670.475 χ^2/NDF :3.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -490.117+/-1089.664 χ^2/NDF : 9.4/12

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: 2516.503+/-1.017 χ^2/NDF : 111945.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

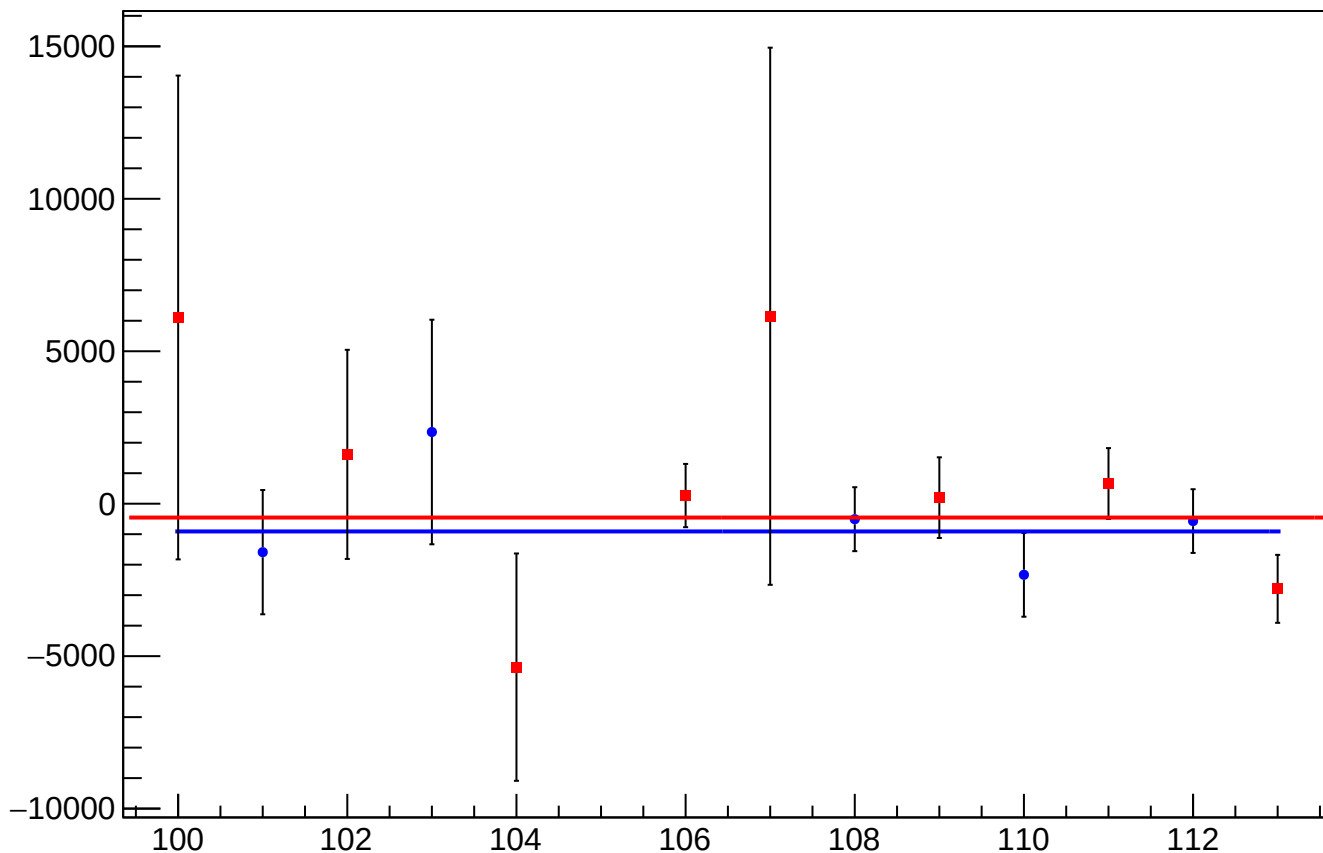
Right: 2523.438+/-0.771 χ^2/NDF : 570052.6/12

In: 2532.801+/-1.181 χ^2/NDF : 457998.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2523.438+/-0.771 χ^2/NDF : 570052.6/12

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: -454.287+/-556.176 χ^2/NDF : 9.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

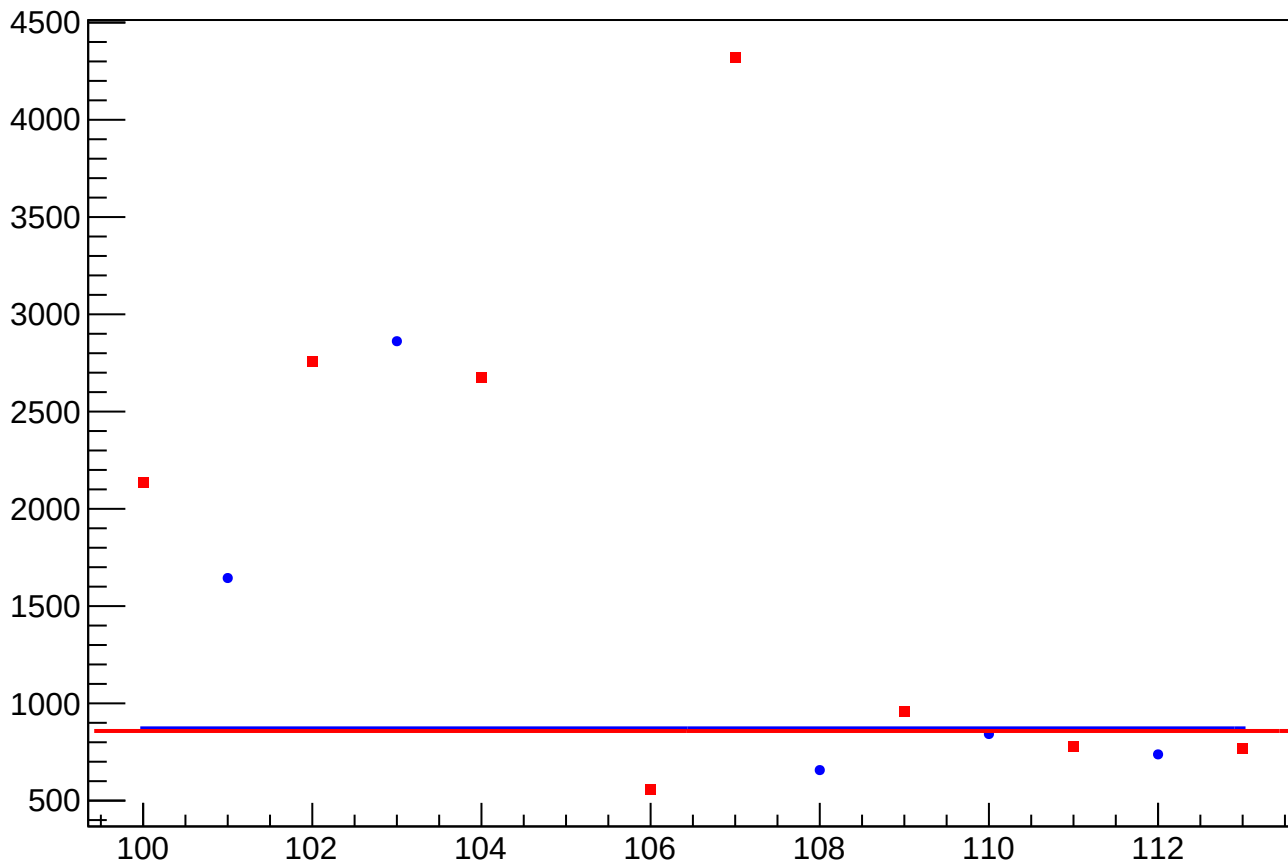
Right: -660.298+/-411.586 χ^2/NDF : 11.9/12

In: -909.704+/-611.956 χ^2/NDF : 2.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -660.298+/-411.586 χ^2/NDF : 11.9/12

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: 858.048+/-0.393 χ^2/NDF : 1651288.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

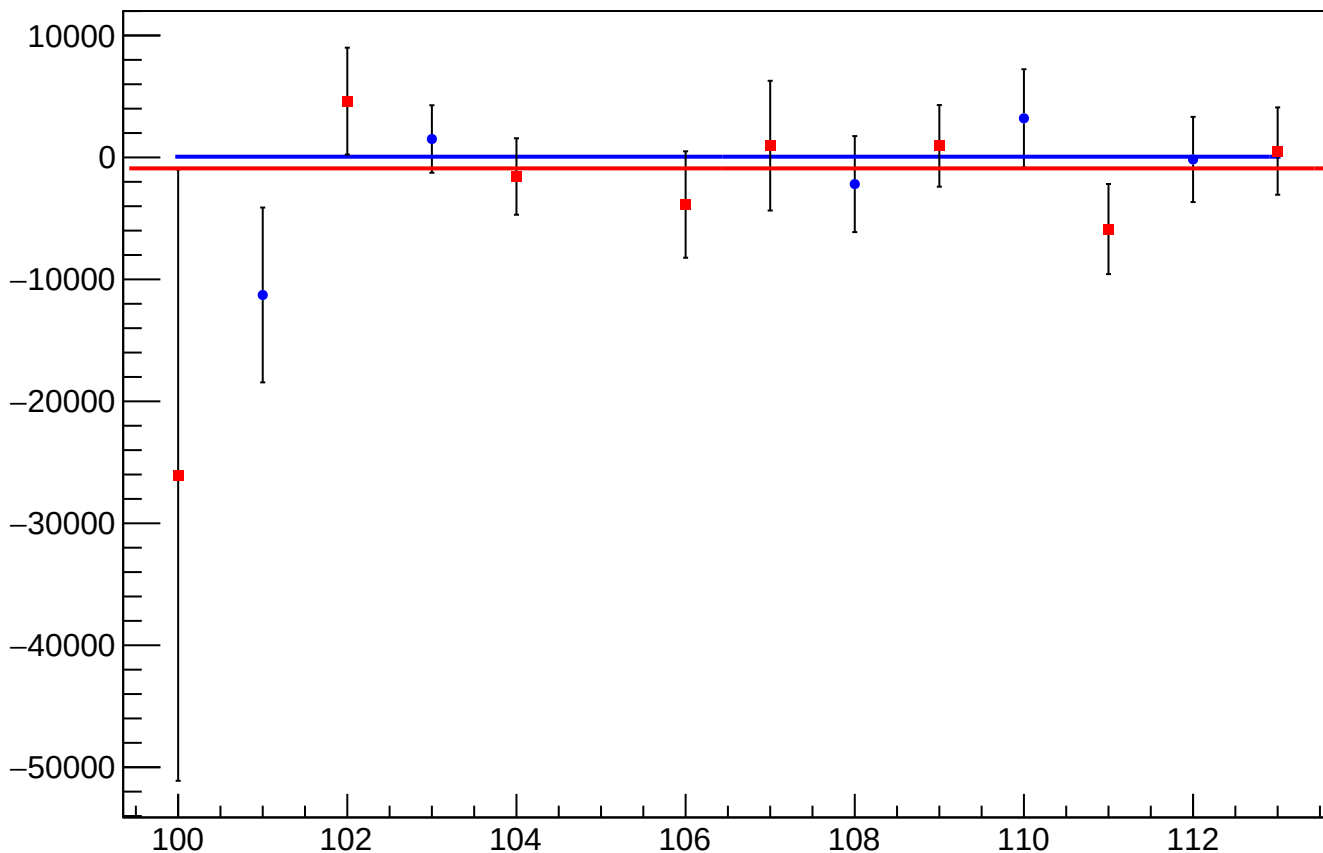
Right: 864.102+/-0.291 χ^2/NDF : 2641137.0/12

In: 871.431+/-0.433 χ^2/NDF : 989325.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 864.102+/-0.291 χ^2/NDF : 2641137.0/12

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: -897.228+/-1437.638 χ^2/NDF : 5.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

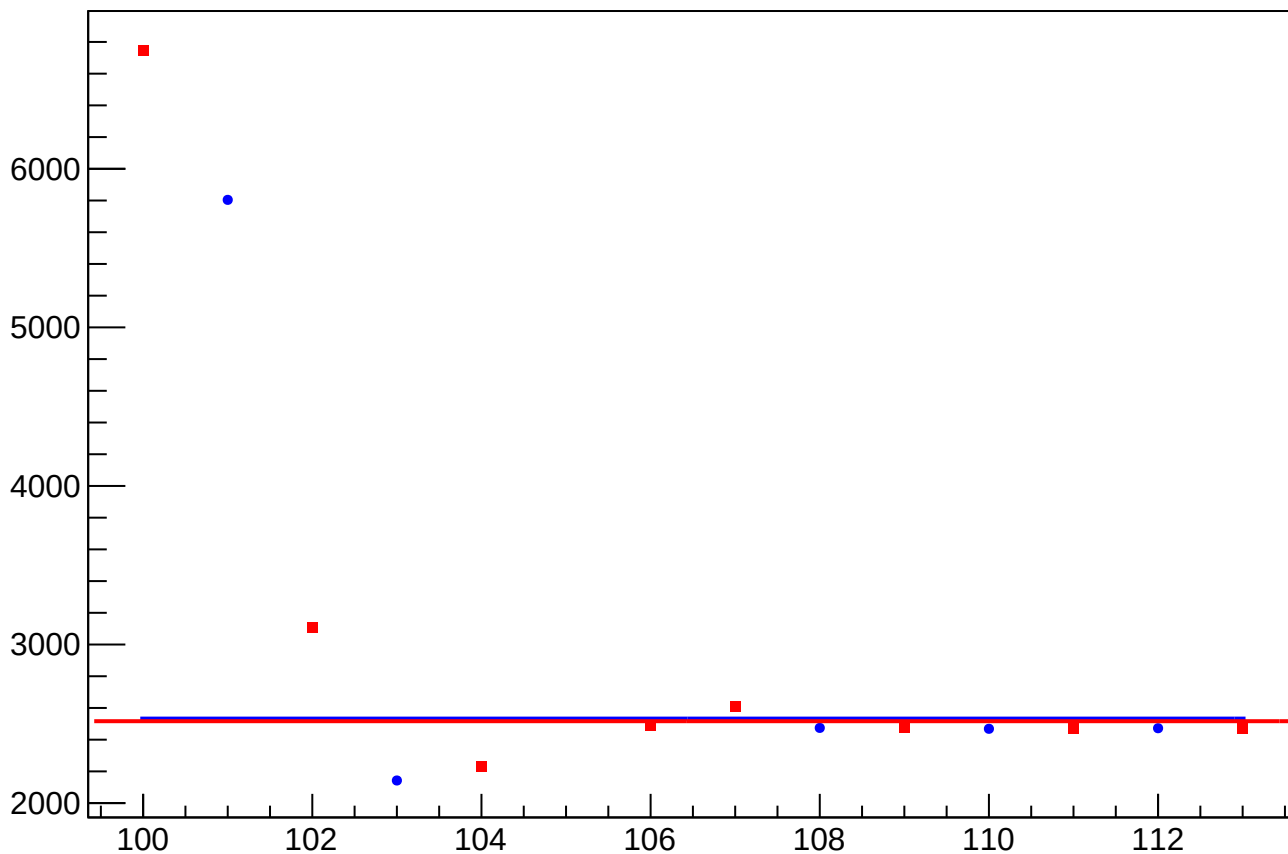
Right: -490.121+/-1089.664 χ^2/NDF : 9.4/12

In: 59.533+/-1670.475 χ^2/NDF : 3.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -490.121+/-1089.664 χ^2/NDF : 9.4/12

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: 2516.502+/-1.017 χ^2/NDF : 111945.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

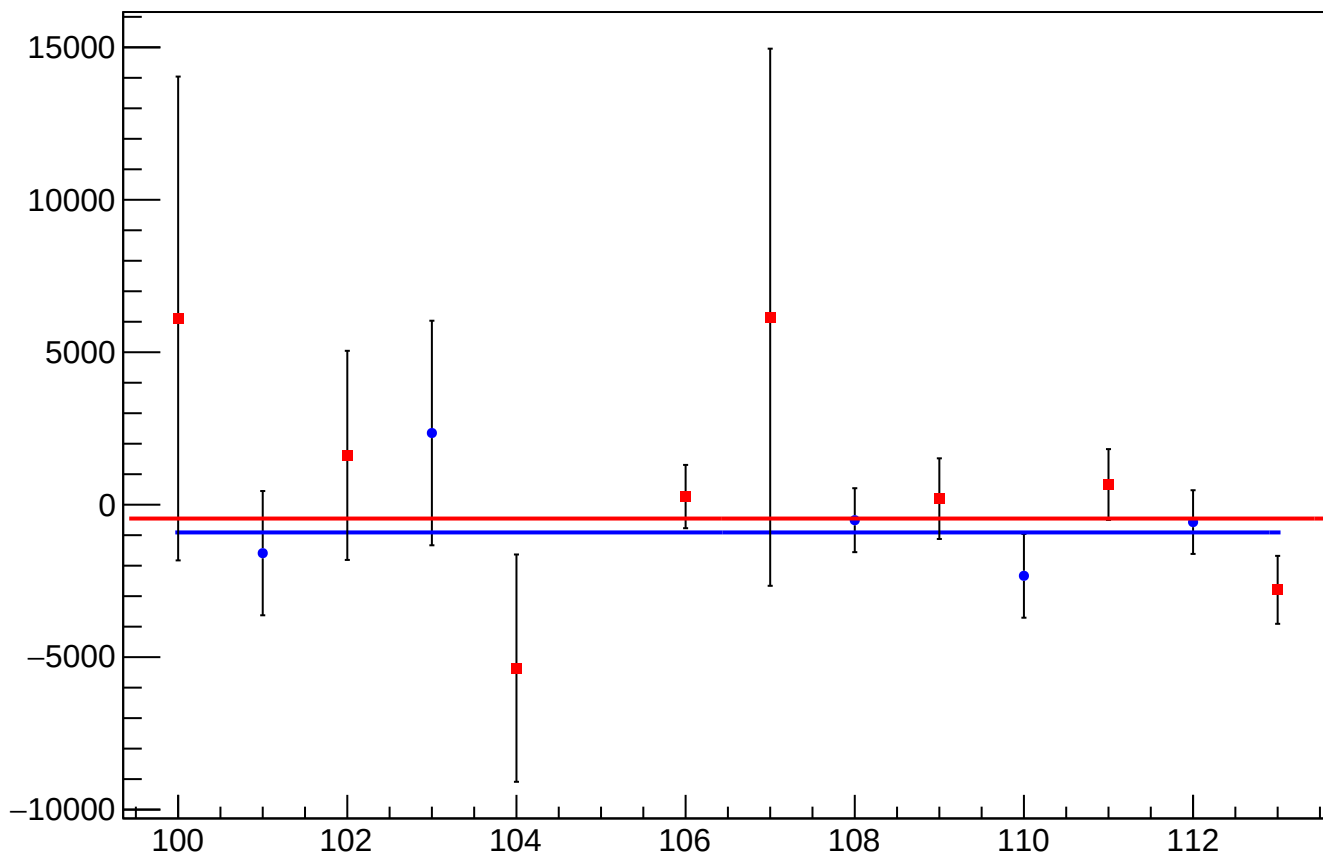
Right: 2523.438+/-0.771 χ^2/NDF : 570052.6/12

In: 2532.801+/-1.181 χ^2/NDF : 457998.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2523.438+/-0.771 χ^2/NDF : 570052.6/12

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: -454.286+/-556.178 χ^2 /NDF: 9.4/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

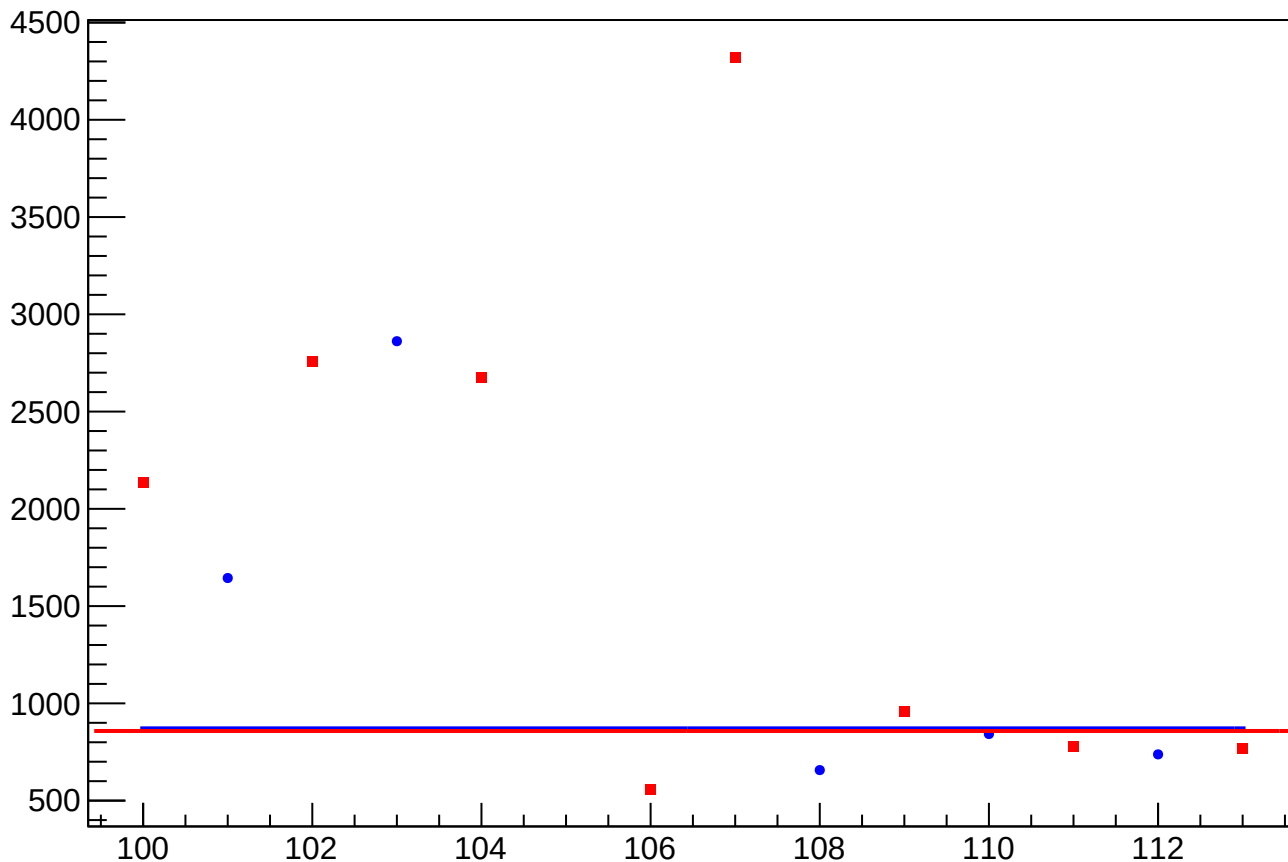
Right: -660.299+/-411.588 χ^2 /NDF: 11.9/12

In: -909.708+/-611.959 χ^2 /NDF:2.2/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -660.299+/-411.588 χ^2 /NDF: 11.9/12

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: 858.052+/-0.393 χ^2/NDF : 1651282.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

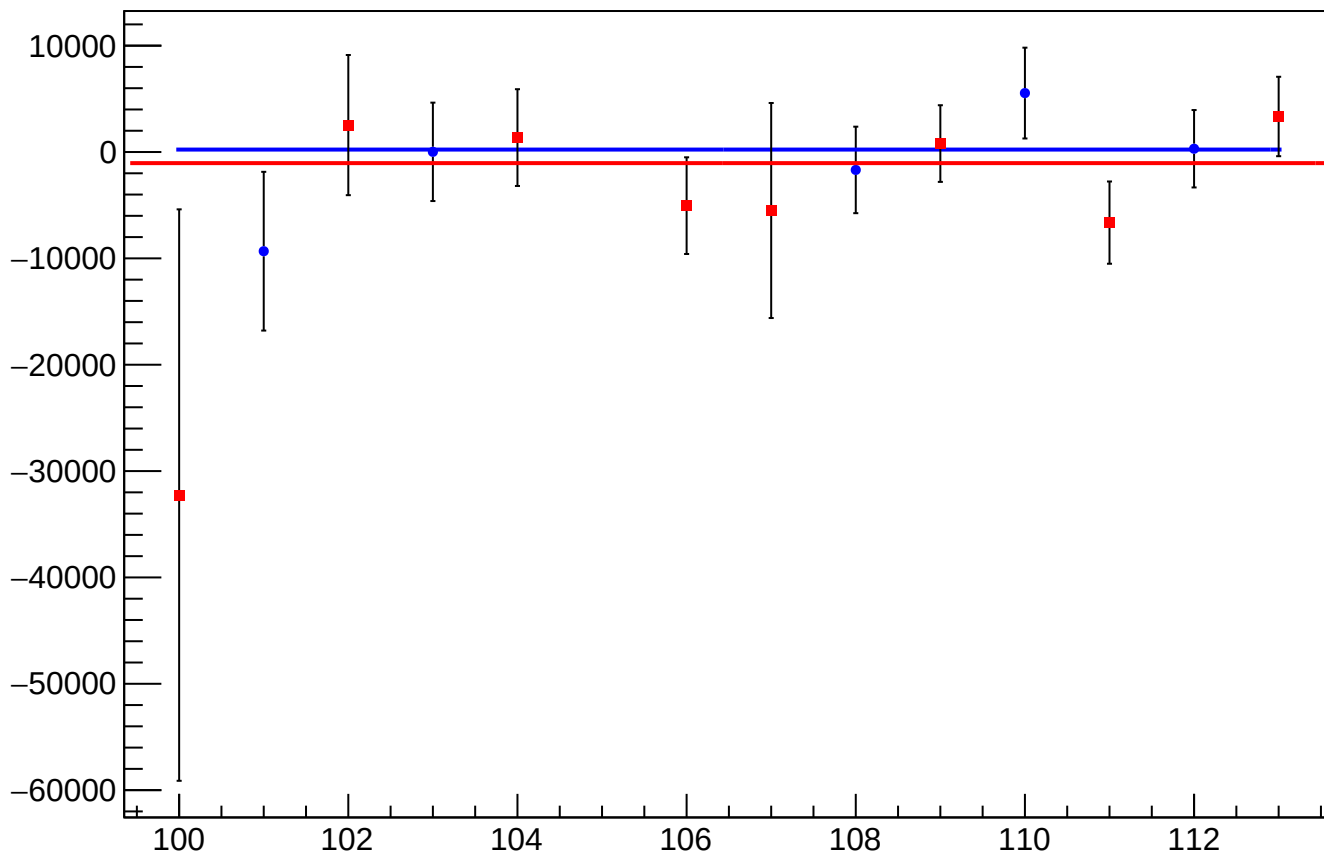
Right: 864.106+/-0.291 χ^2/NDF : 2641125.3/12

In: 871.436+/-0.433 χ^2/NDF : 989319.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 864.106+/-0.291 χ^2/NDF : 2641125.3/12

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: -1044.137+/-1698.868 χ^2/NDF : 6.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

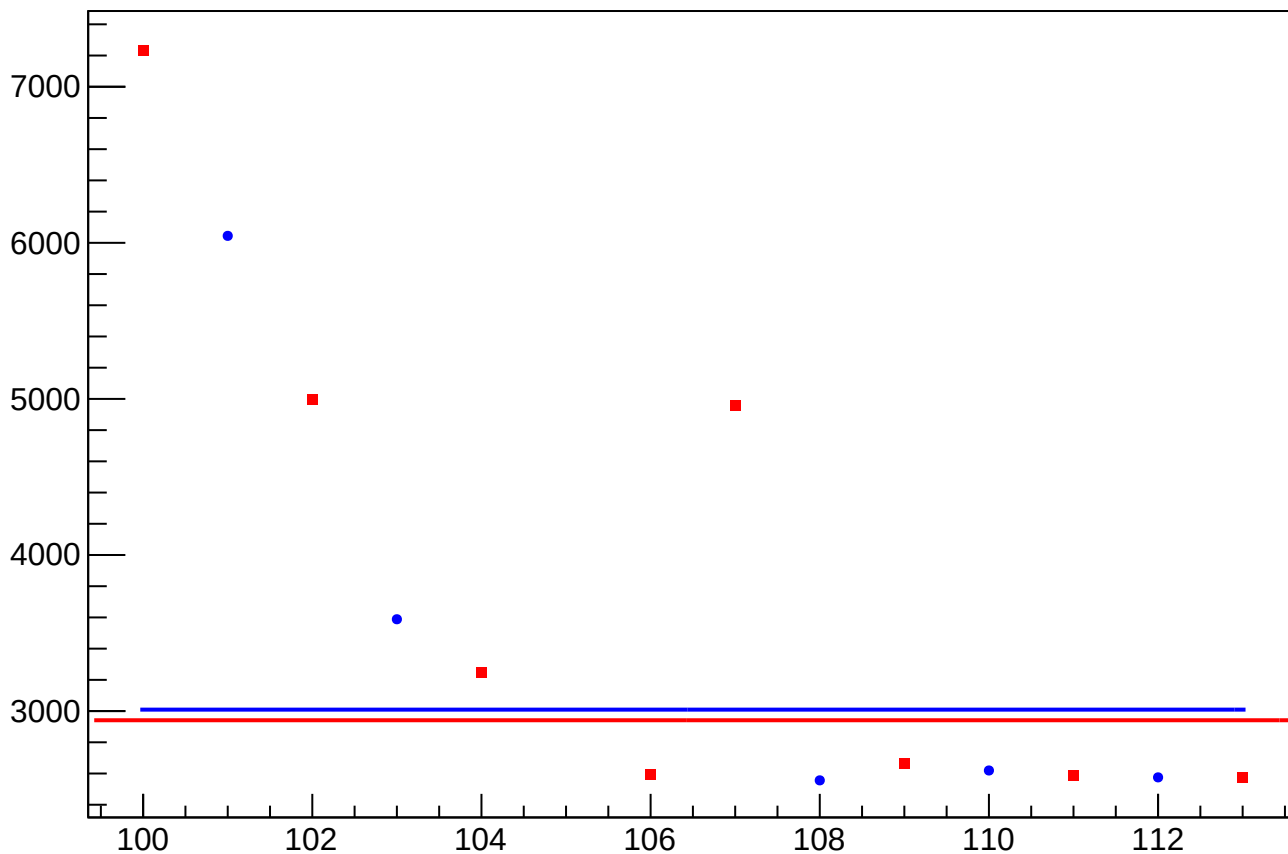
Right: -503.287+/-1288.848 χ^2/NDF : 10.3/12

In: 230.105+/-1978.287 χ^2/NDF : 3.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -503.287+/-1288.848 χ^2/NDF : 10.3/12

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: 2941.238+/-1.201 χ^2/NDF : 393808.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

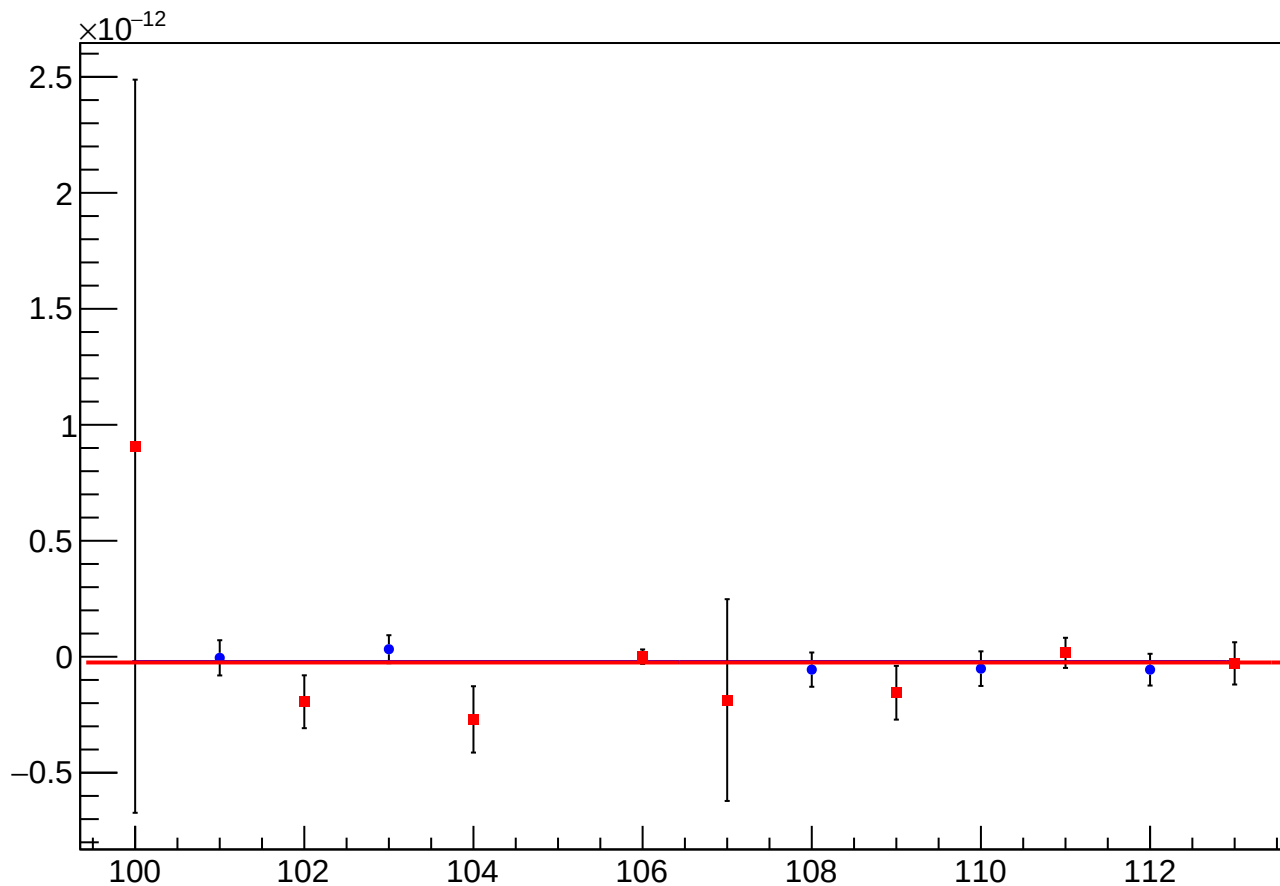
Right: 2970.120+/-0.911 χ^2/NDF : 827311.9/12

In: 3009.285+/-1.399 χ^2/NDF : 432141.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2970.120+/-0.911 χ^2/NDF : 827311.9/12

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 : 8.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

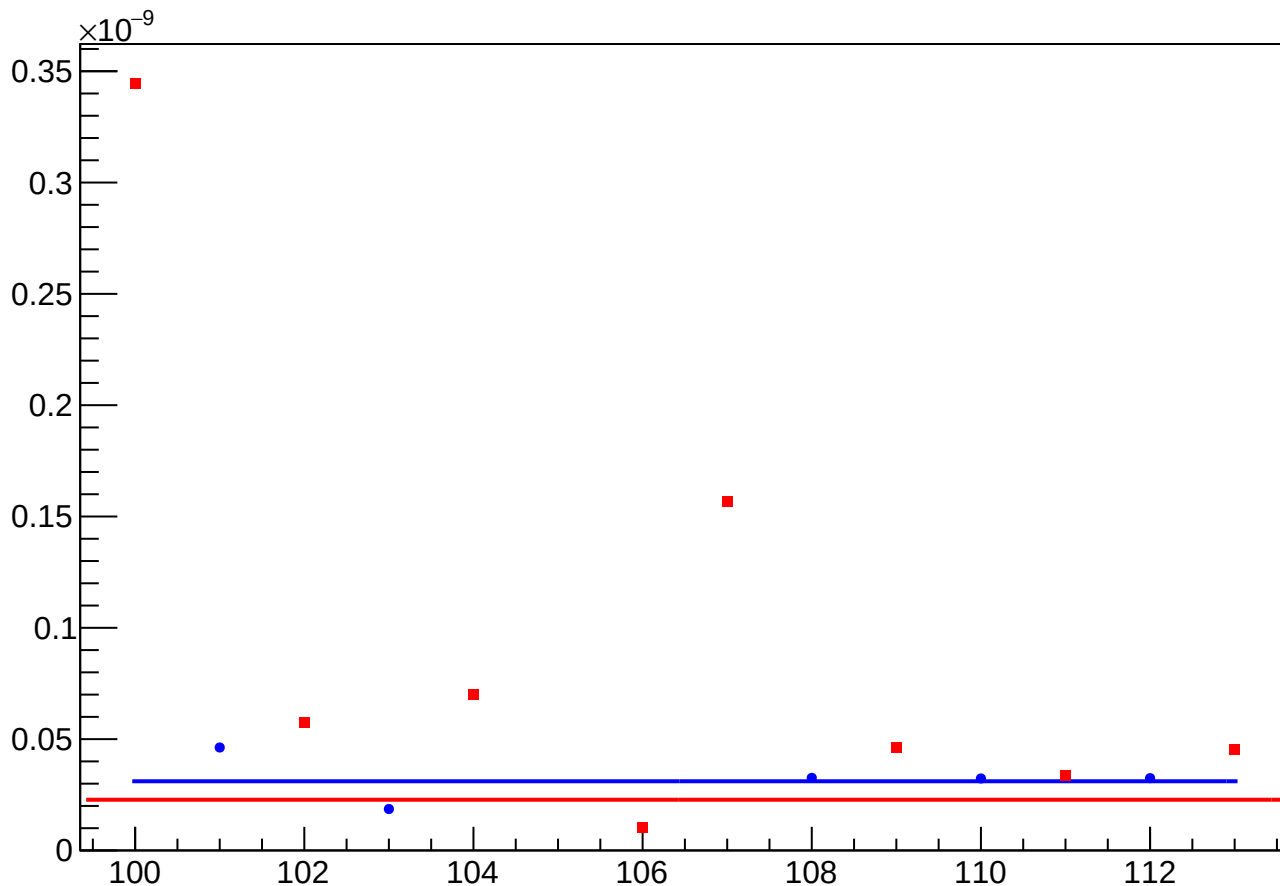
Right: -0.000+/-0.000 χ^2/NDF : 9.4/12

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 : 9.4/12

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 : 1251789.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

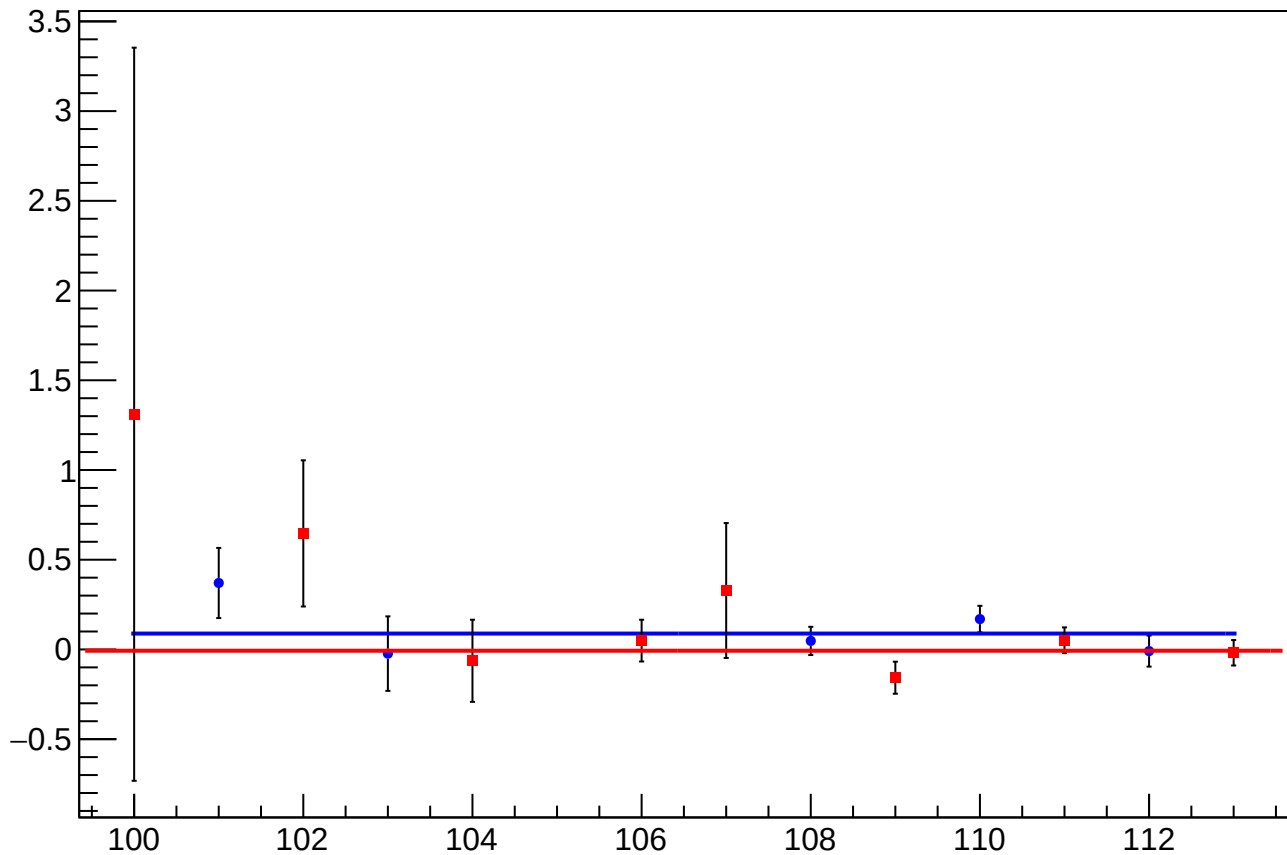
Right: 0.000+/-0.000 χ^2/NDF : 1505408.1/12

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 : 1505408.1/12

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: -0.007+/-0.040 χ^2/NDF : 7.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

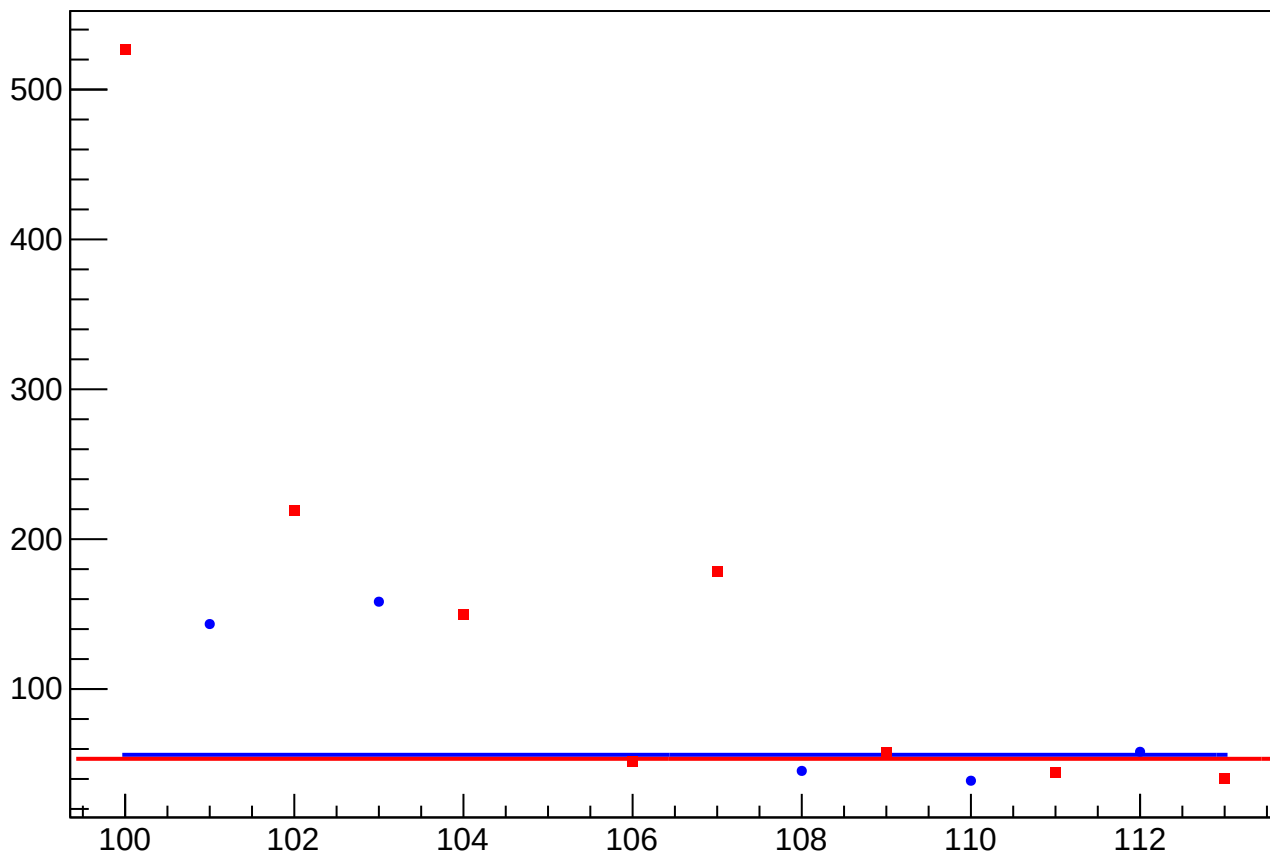
Right: 0.037+/-0.029 χ^2/NDF : 15.4/12

In: 0.088+/-0.043 χ^2/NDF : 5.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.037+/-0.029 χ^2/NDF : 15.4/12

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: 53.451+/-0.028 χ^2 /NDF: 1114712.4/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

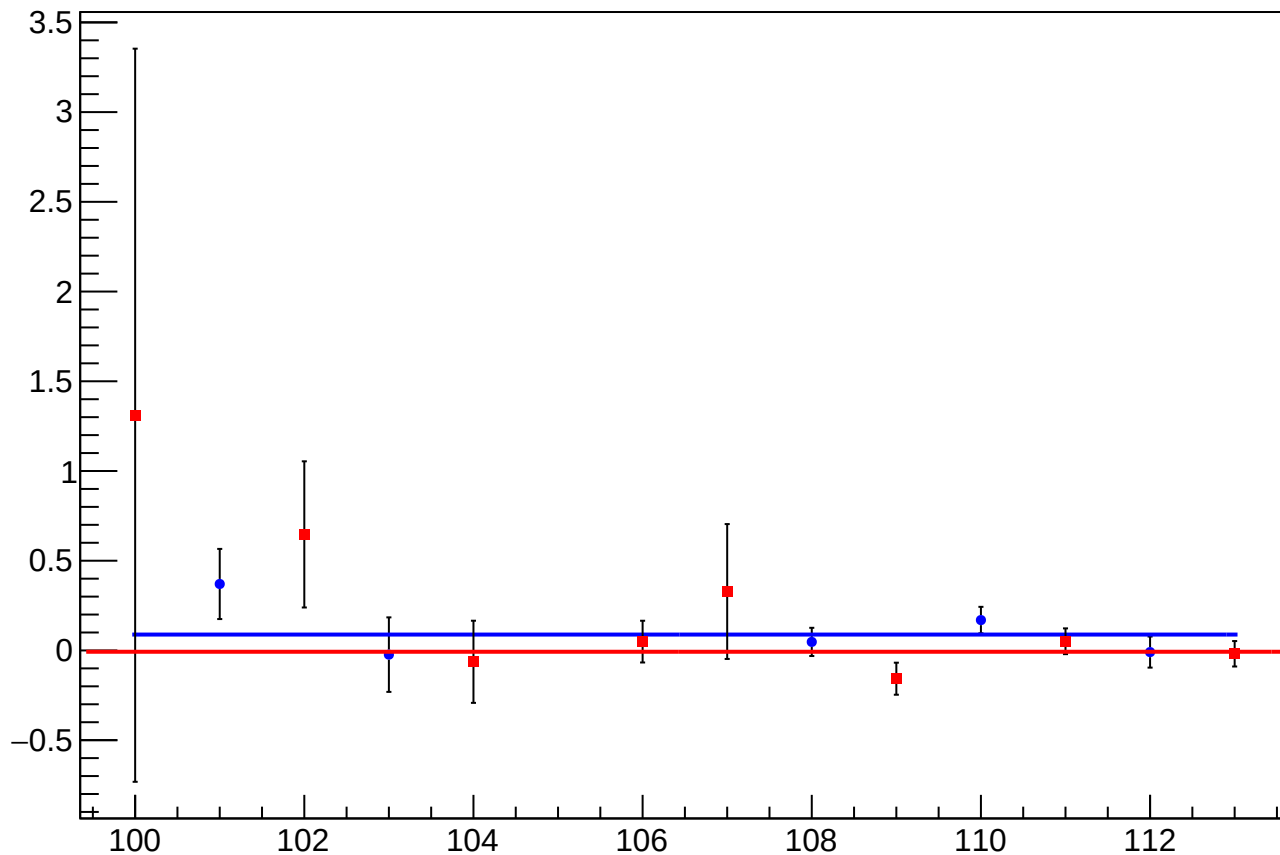
Right: 54.674+/-0.021 χ^2 /NDF: 2149874.8/12

In: 56.119+/-0.031 χ^2 /NDF:1031084.3/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 54.674+/-0.021 χ^2 /NDF: 2149874.8/12

asym_us_dd_at1lr_dd_avg_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: -0.007+/-0.040 χ^2/NDF : 7.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

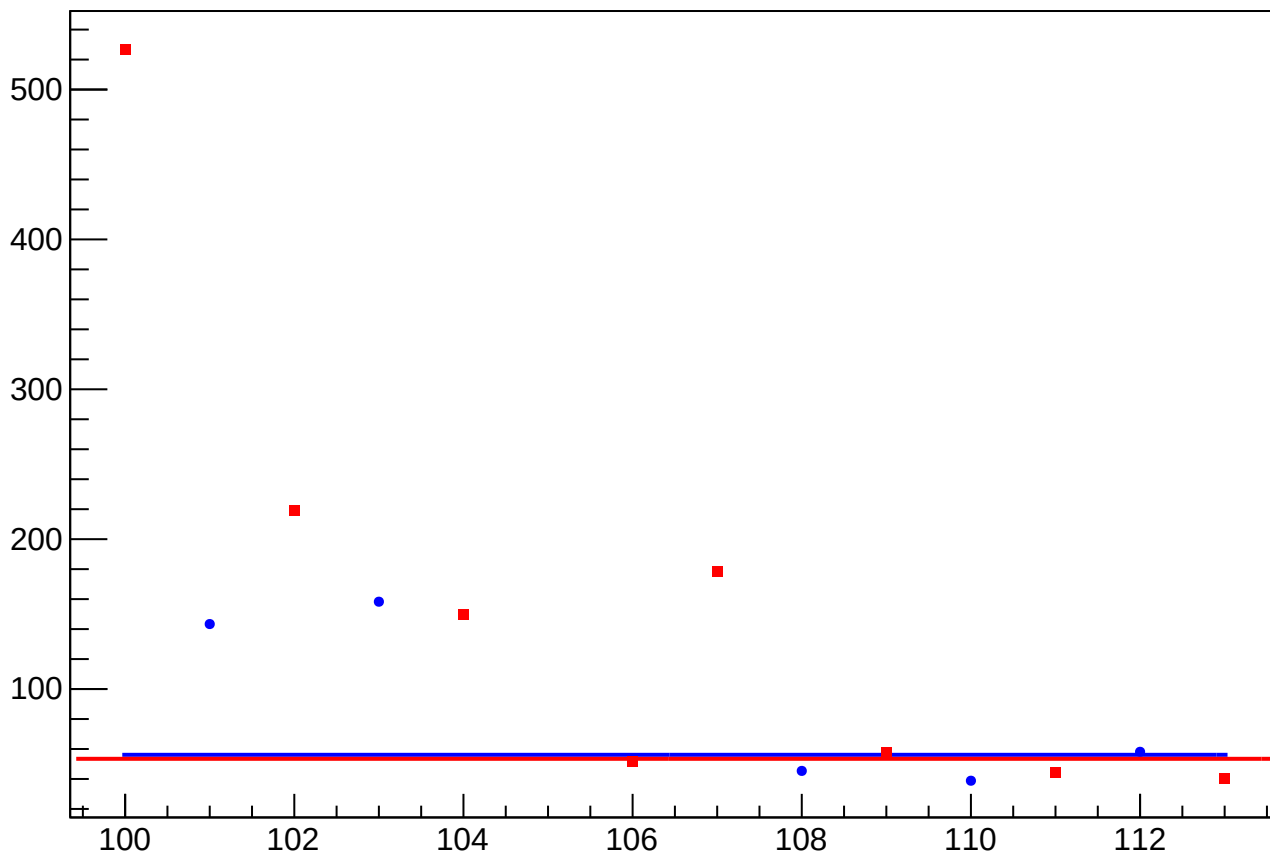
Right: 0.037+/-0.029 χ^2/NDF : 15.4/12

In: 0.088+/-0.043 χ^2/NDF : 5.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.037+/-0.029 χ^2/NDF : 15.4/12

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: 53.451+/-0.028 χ^2/NDF : 1114712.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

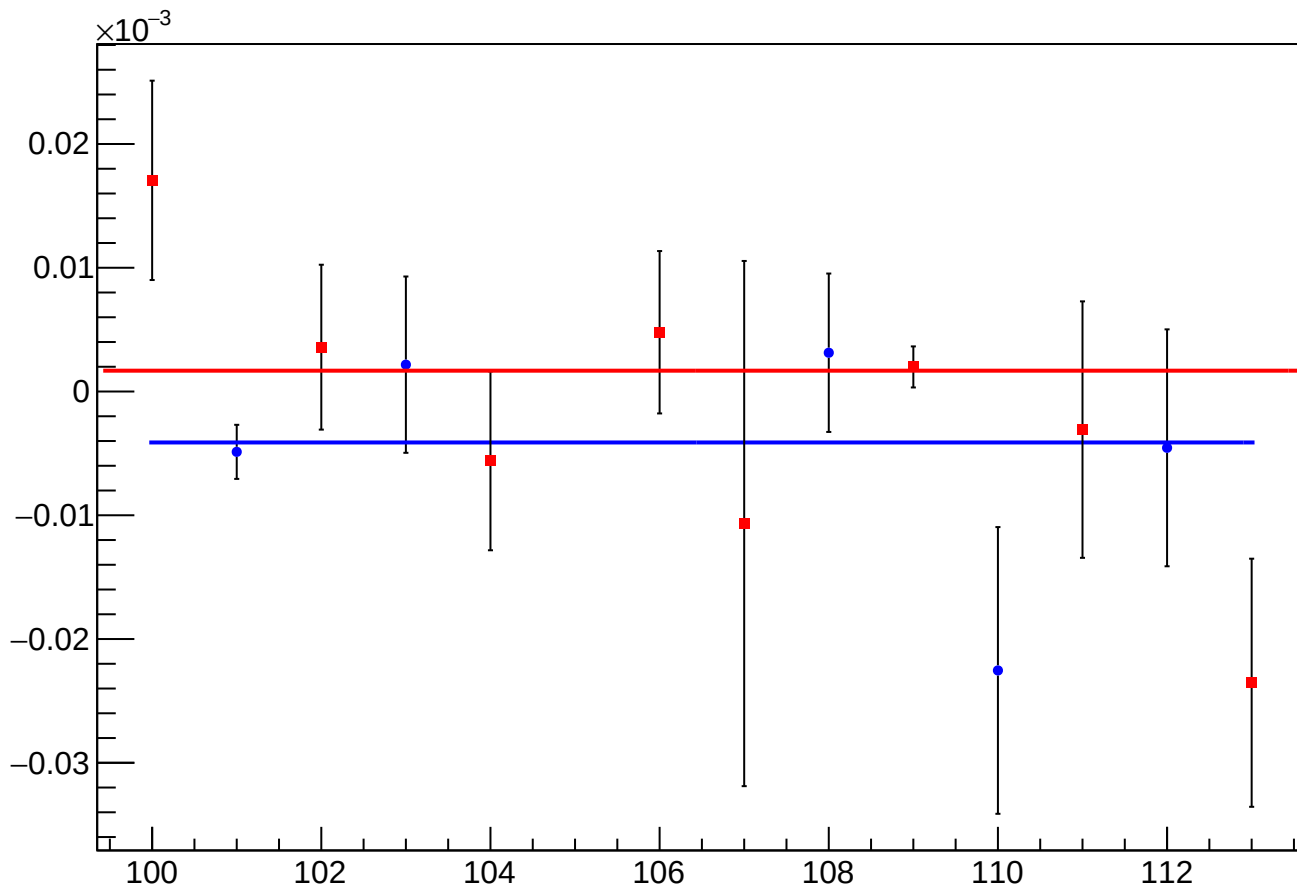
Right: 54.674+/-0.021 χ^2/NDF : 2149874.8/12

In: 56.119+/-0.031 χ^2/NDF : 1031084.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.674+/-0.021 χ^2/NDF : 2149874.8/12

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 : 11.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

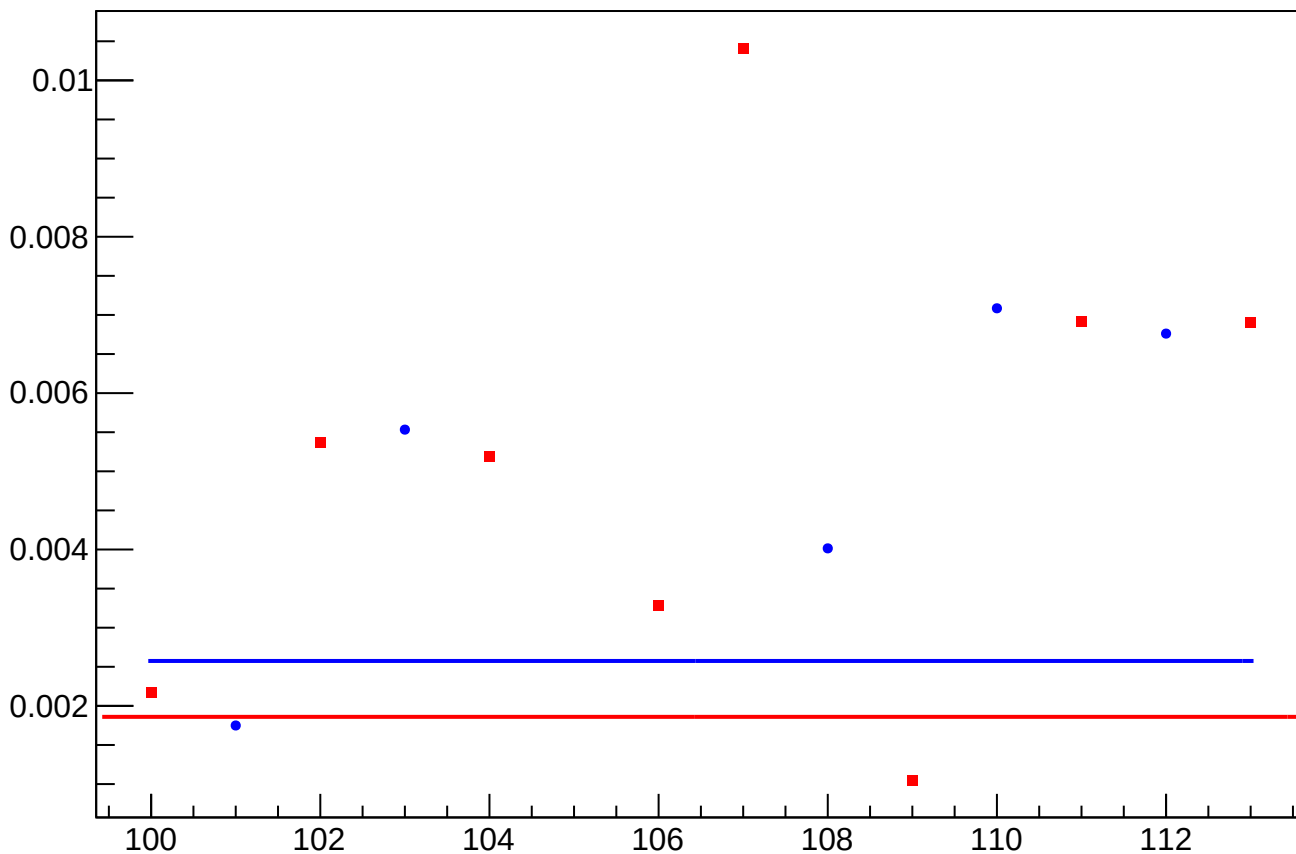
Right: -0.000+/-0.000 χ^2/NDF : 22.4/12

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 : 22.4/12

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 : 2868614.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

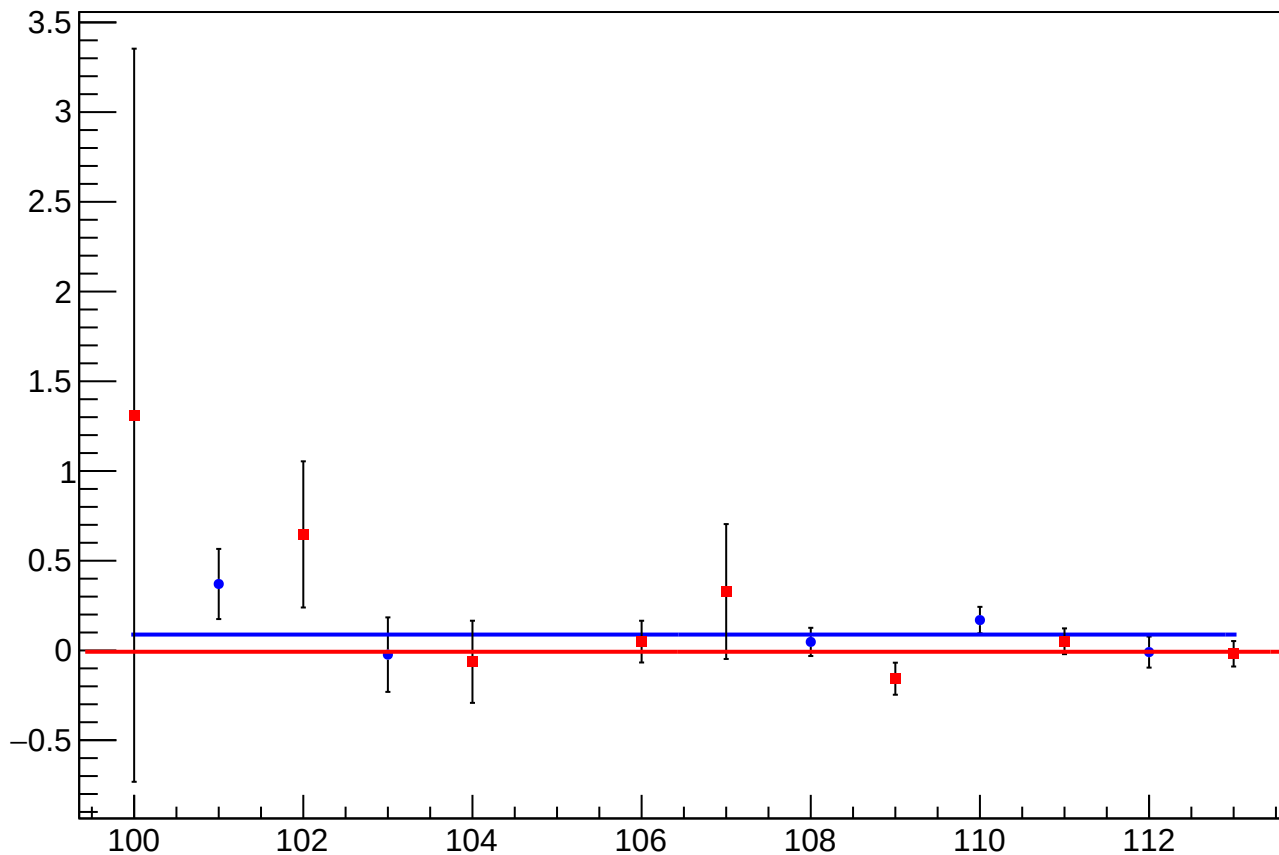
Right: 0.002+/-0.000 χ^2/NDF : 4461322.2/12

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 : 4461322.2/12

asym_us_dd_at1lr_dd_avg_eigen_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: -0.007+/-0.040 χ^2/NDF : 7.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

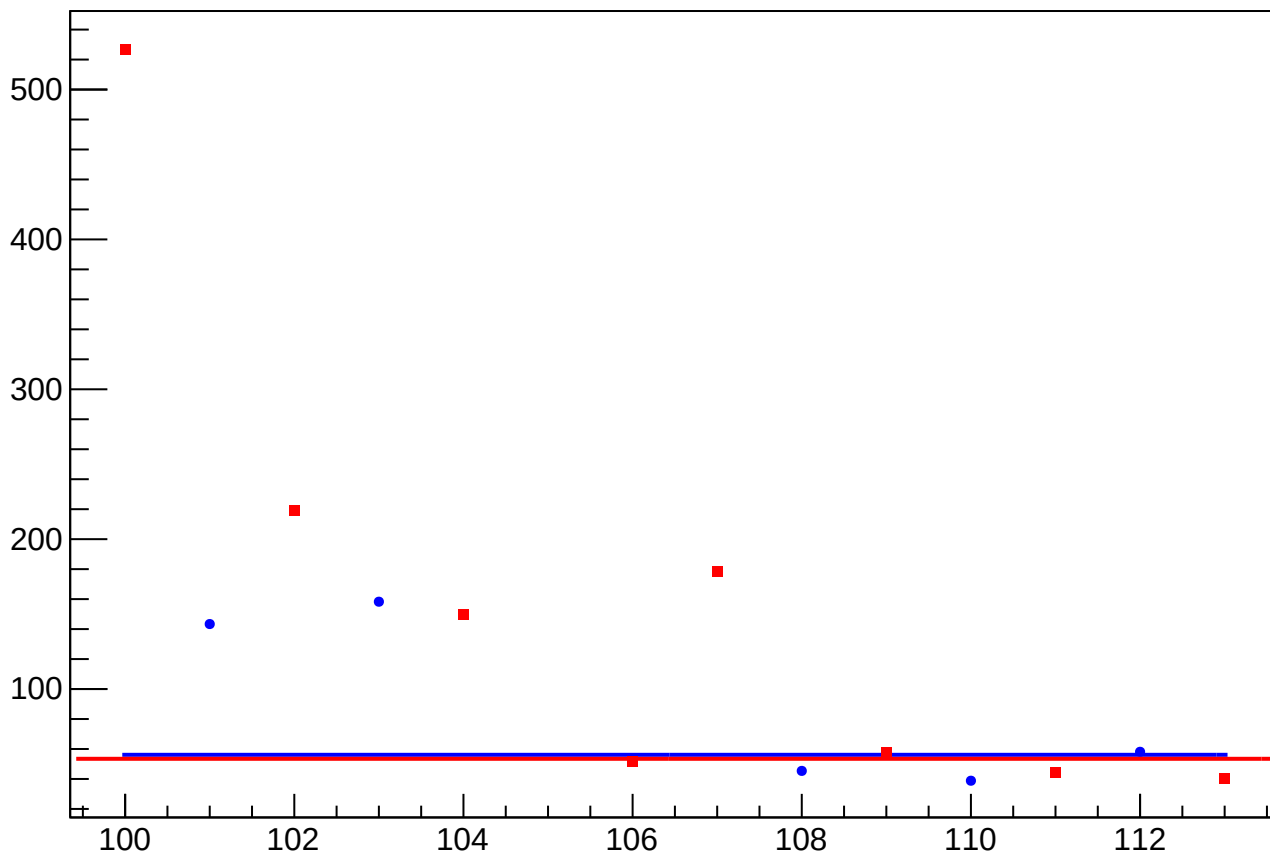
Right: 0.037+/-0.029 χ^2/NDF : 15.4/12

In: 0.088+/-0.043 χ^2/NDF : 5.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.037+/-0.029 χ^2/NDF : 15.4/12

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: 53.455+/-0.028 χ^2/NDF : 1114593.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

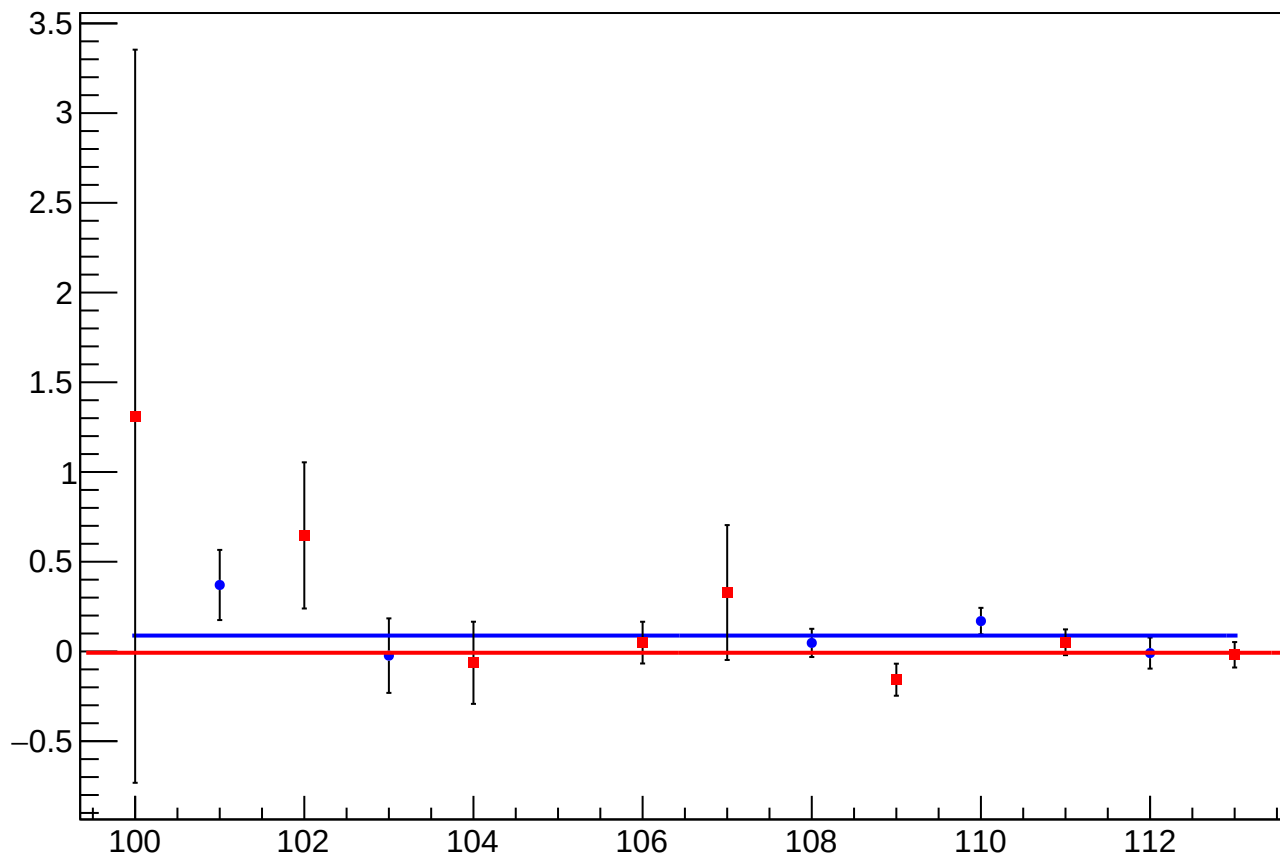
Right: 54.676+/-0.021 χ^2/NDF : 2149786.8/12

In: 56.118+/-0.031 χ^2/NDF : 1031130.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.676+/-0.021 χ^2/NDF : 2149786.8/12

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: -0.007+/-0.040 χ^2/NDF : 7.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

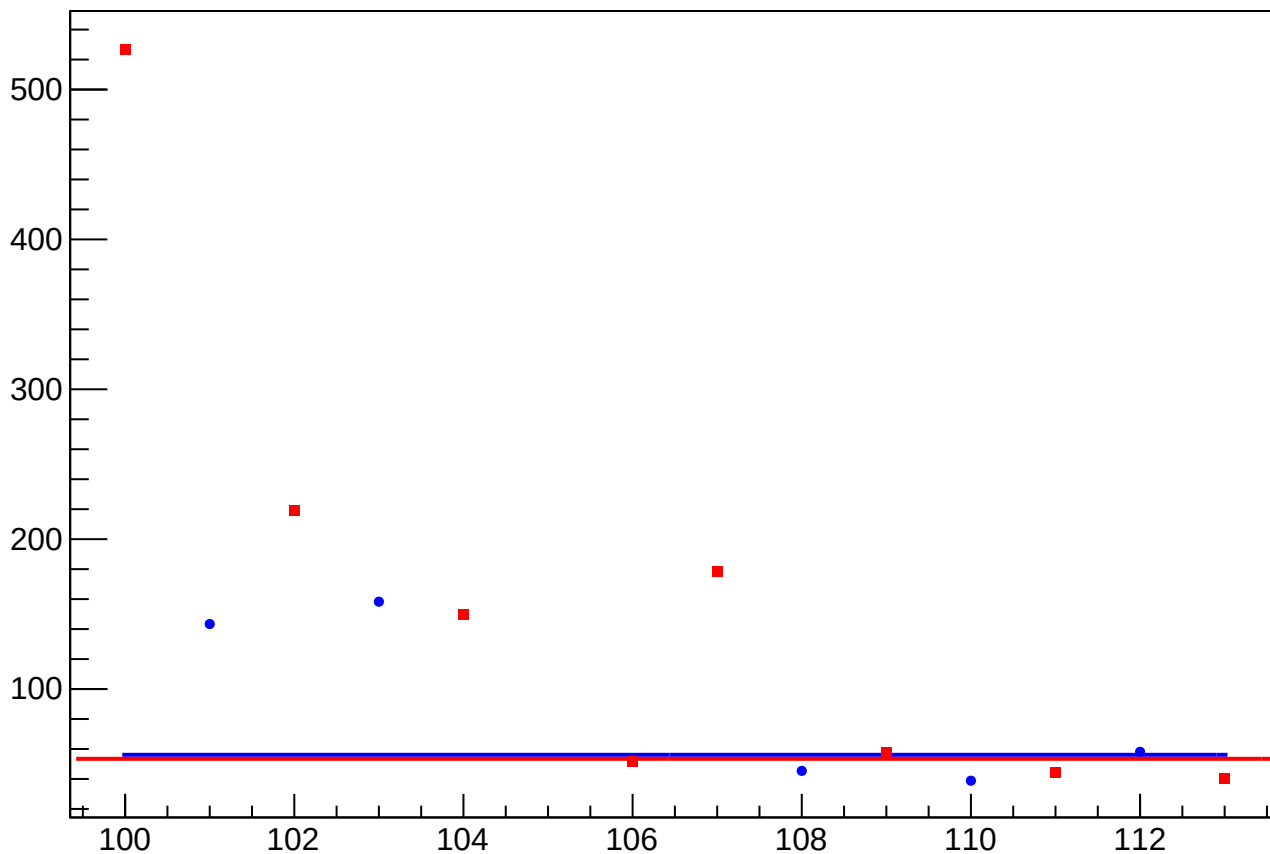
Right: 0.037+/-0.029 χ^2/NDF : 15.4/12

In: 0.088+/-0.043 χ^2/NDF : 5.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.037+/-0.029 χ^2/NDF : 15.4/12

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.118 $\pm$ 0.031 χ^2 /NDF: 1031130.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 53.455 $\pm$ 0.028 χ^2 /NDF: 1114593.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

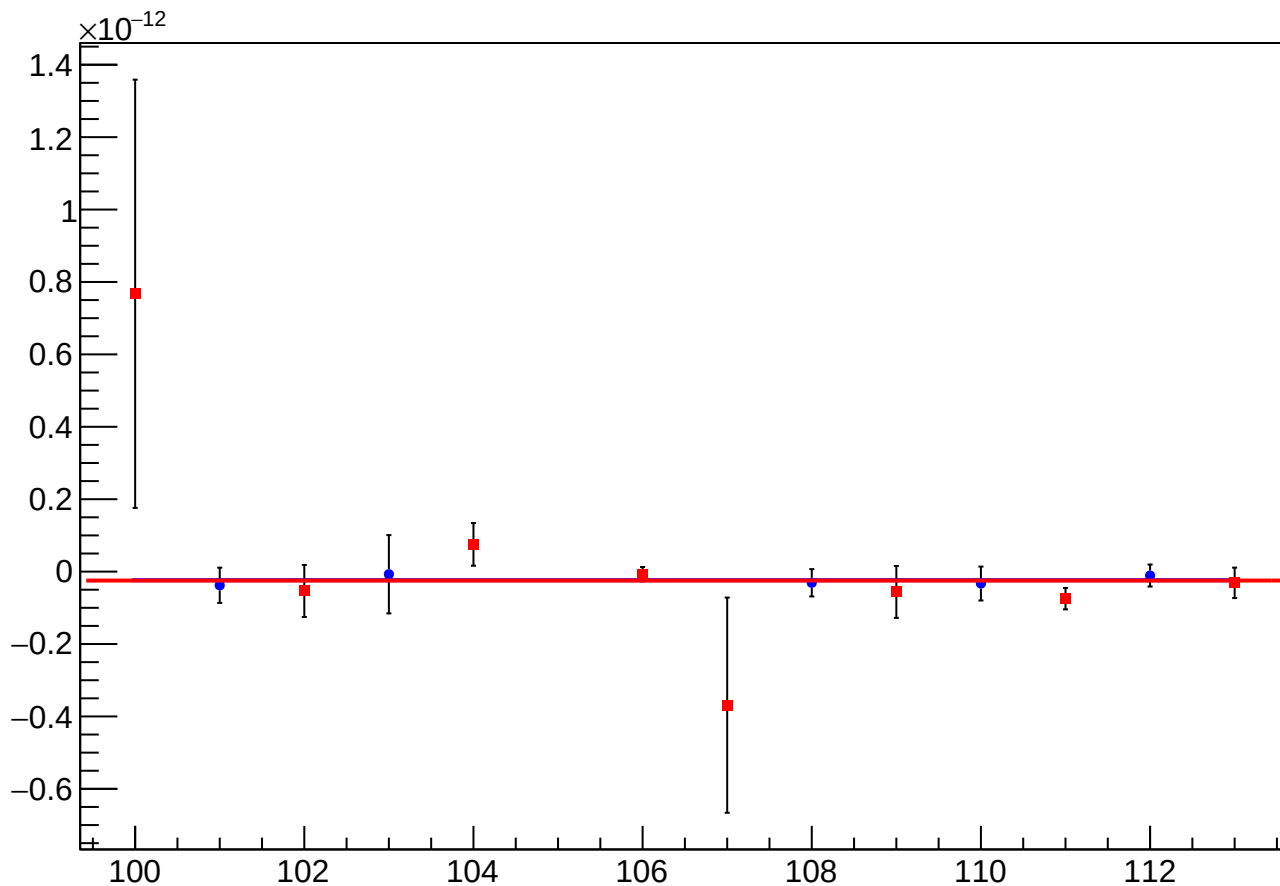
Right: 54.676 $\pm$ 0.021 χ^2 /NDF: 2149786.8/12

In: 56.118 $\pm$ 0.031 χ^2 /NDF:1031130.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 54.676 $\pm$ 0.021 χ^2 /NDF: 2149786.8/12

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 : 10.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

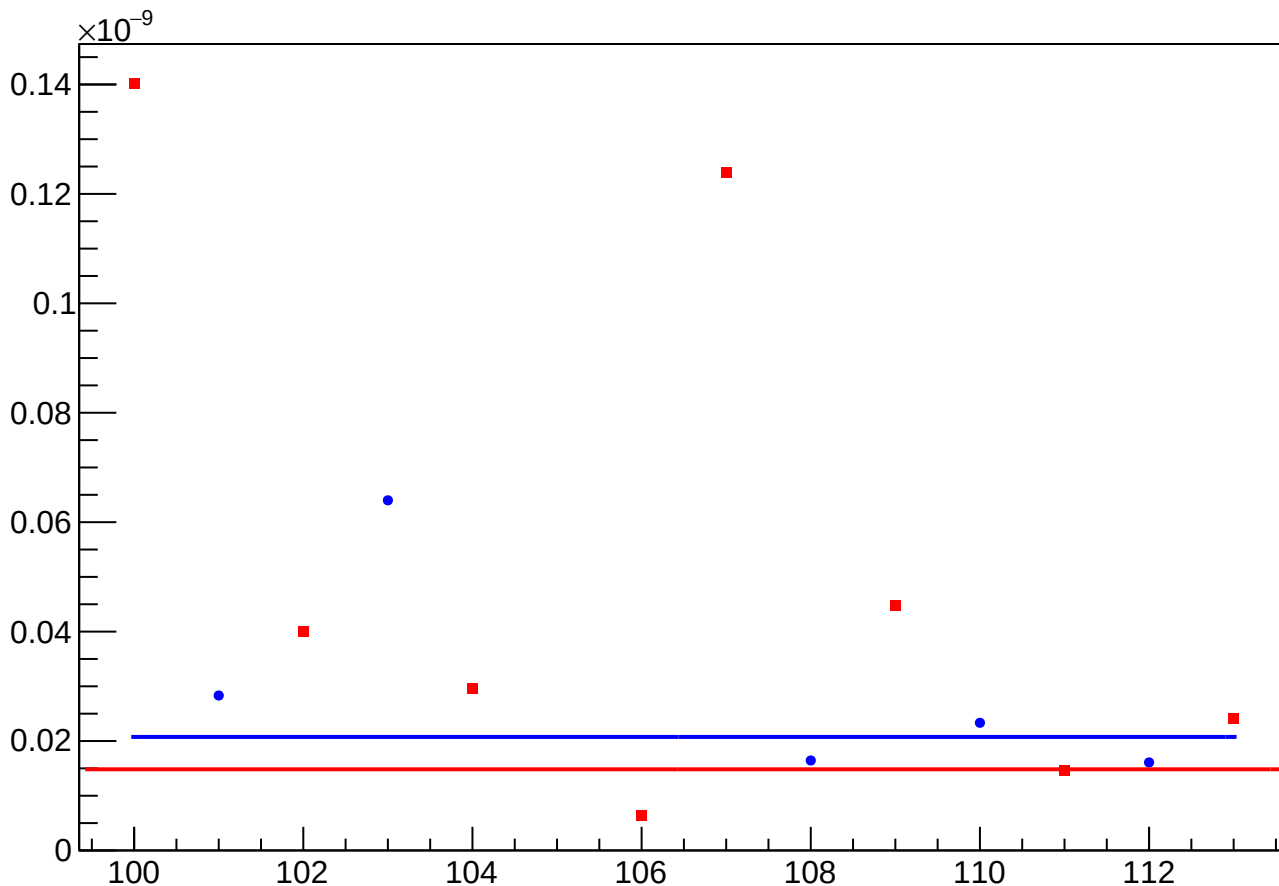
Right: -0.000+/-0.000 χ^2/NDF : 10.4/12

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 : 10.4/12

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 : 1542766.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

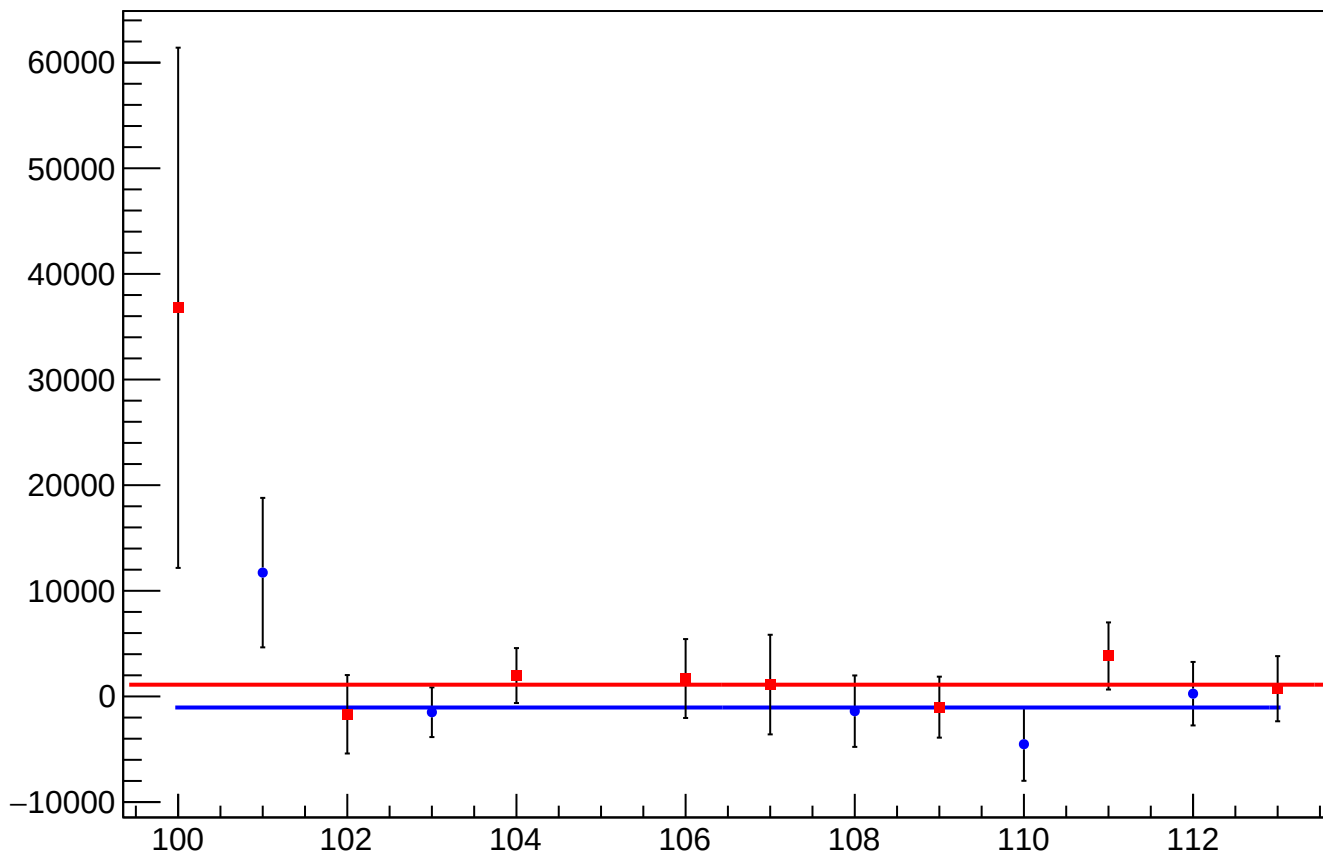
Right: 0.000+/-0.000 χ^2/NDF : 2114078.4/12

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 : 2114078.4/12

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: 1112.174+/-1228.185 χ^2/NDF : 4.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

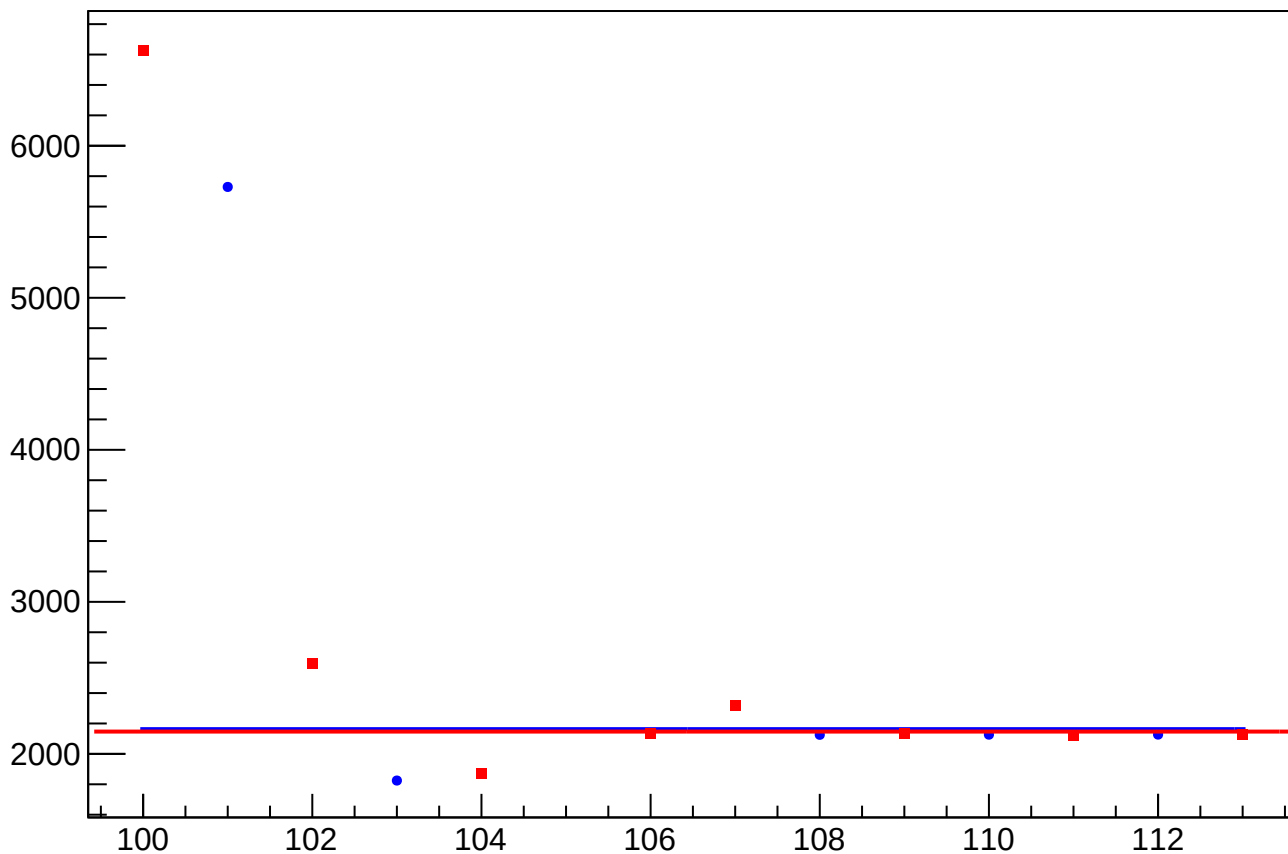
Right: 203.182+/-934.624 χ^2/NDF : 9.9/12

In: -1047.416+/-1440.598 χ^2/NDF : 4.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.182+/-934.624 χ^2/NDF : 9.9/12

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: 2146.738+/-0.868 χ^2/NDF : 120234.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

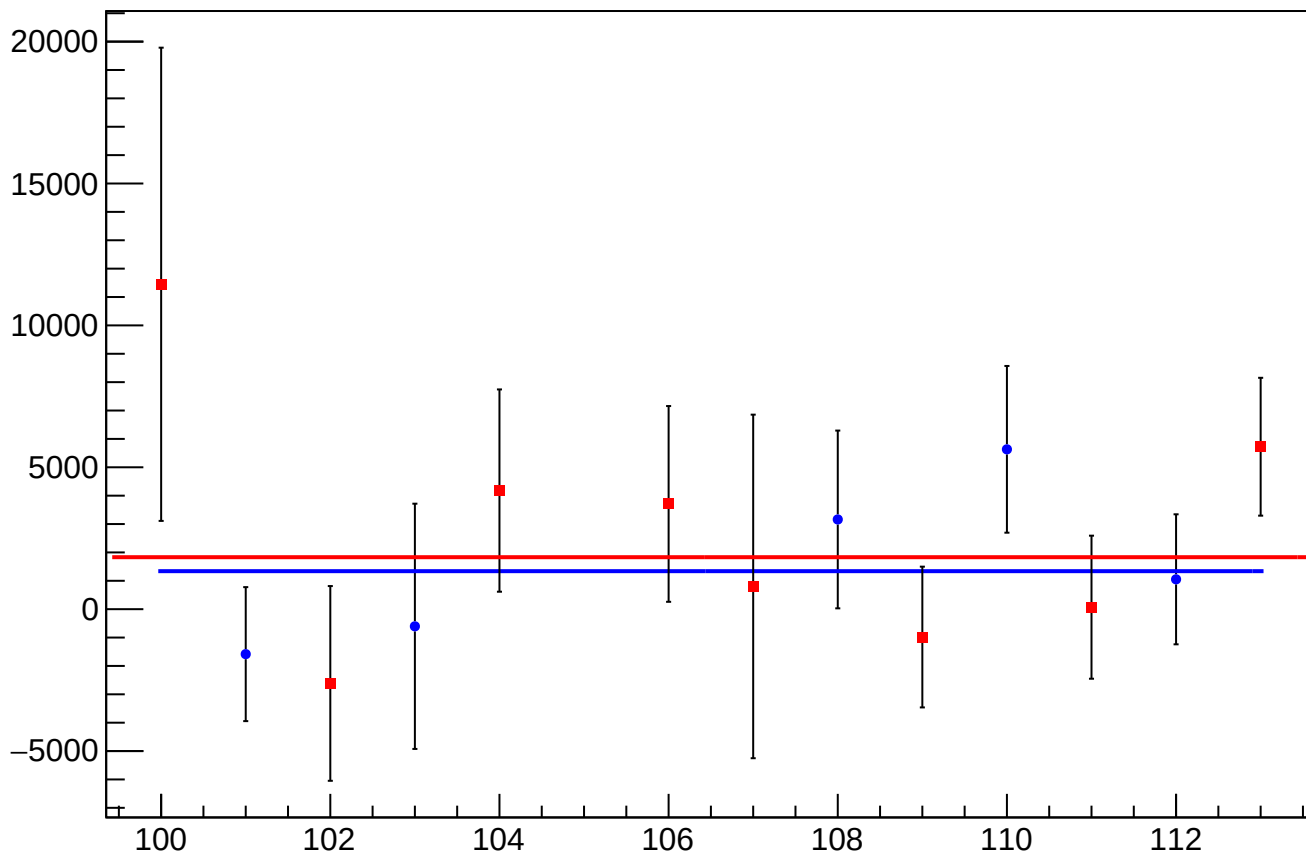
Right: 2153.469+/-0.661 χ^2/NDF : 670597.4/12

In: 2162.730+/-1.019 χ^2/NDF : 550219.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2153.469+/-0.661 χ^2/NDF : 670597.4/12

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: 1831.690+/-1133.104 χ^2/NDF : 8.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

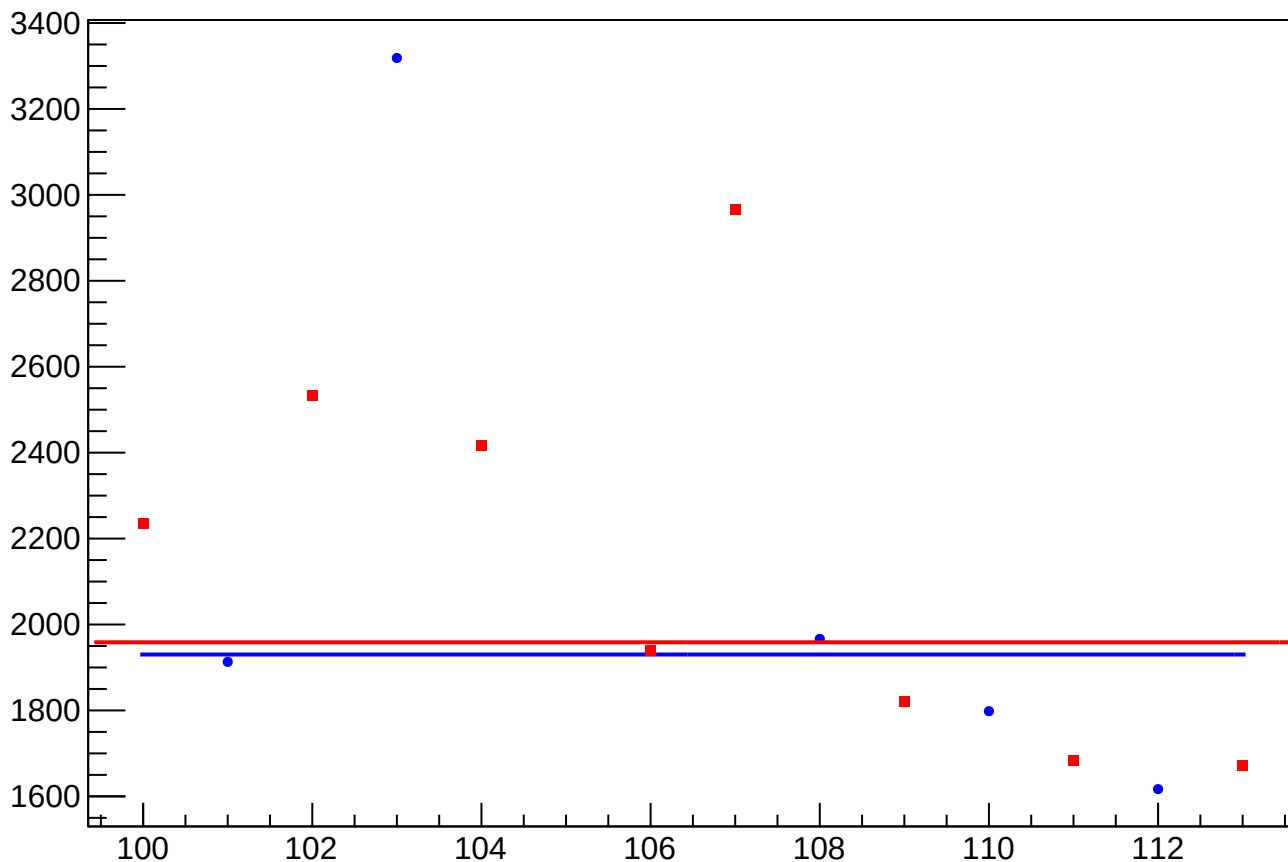
Right: 1609.393+/-839.126 χ^2/NDF : 12.4/12

In: 1339.422+/-1248.707 χ^2/NDF : 4.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1609.393+/-839.126 χ^2/NDF : 12.4/12

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: 1958.668+/-0.801 χ^2/NDF : 204997.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

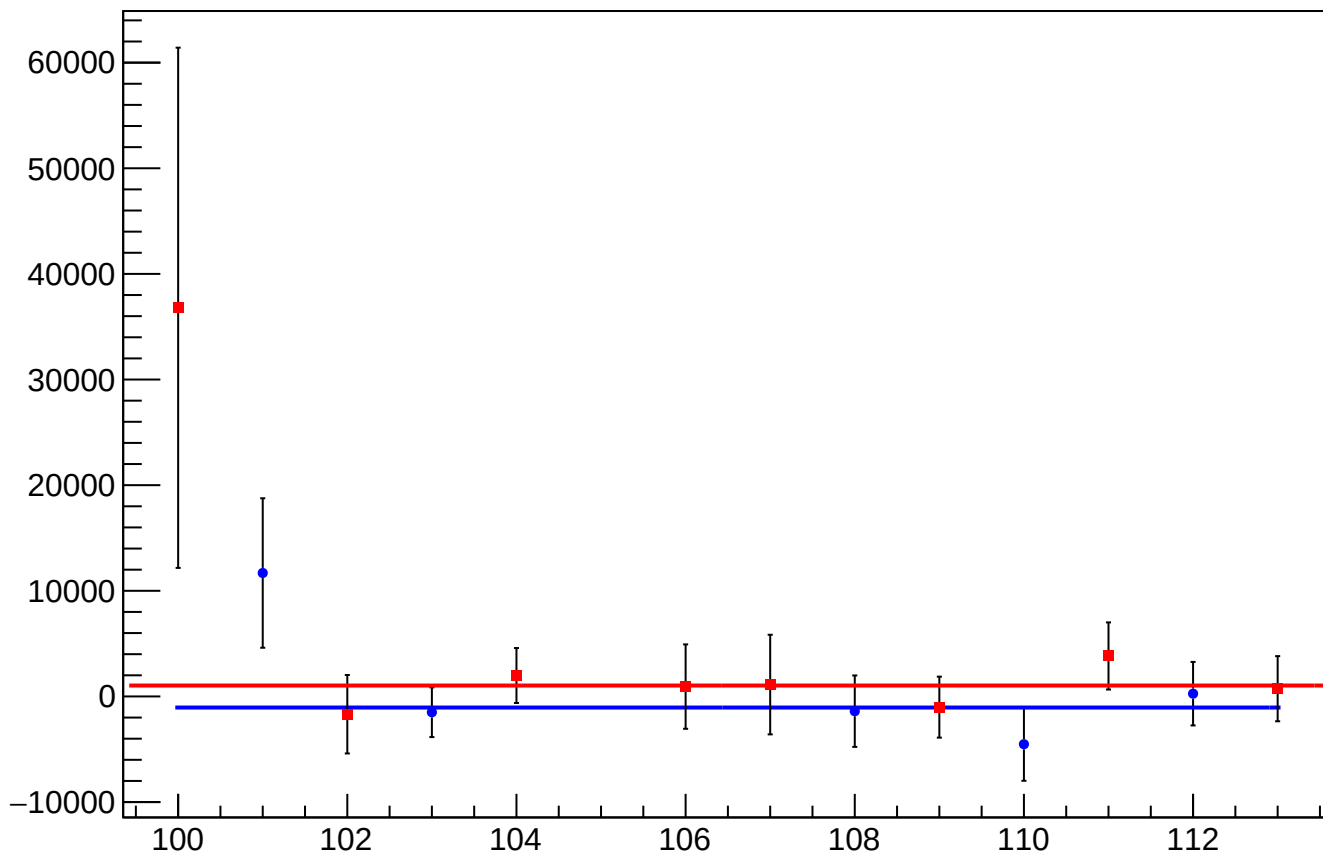
Right: 1945.806+/-0.593 χ^2/NDF : 453843.7/12

In: 1930.185+/-0.883 χ^2/NDF : 248275.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1945.806+/-0.593 χ^2/NDF : 453843.7/12

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: 1032.553+/-1236.591 χ^2/NDF : 4.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

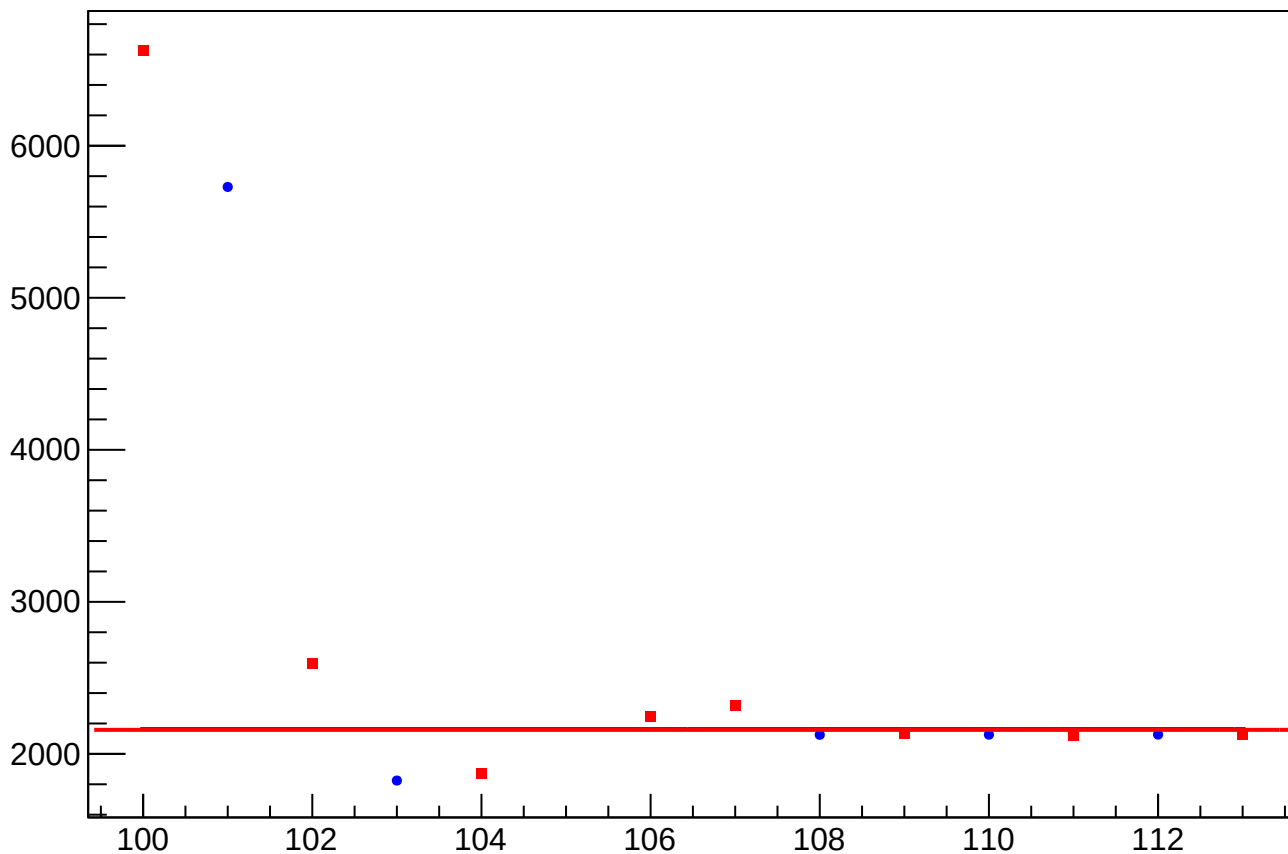
Right: 149.068+/-938.313 χ^2/NDF : 9.7/12

In: -1049.971+/-1440.599 χ^2/NDF : 4.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.068+/-938.313 χ^2/NDF : 9.7/12

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: 2158.120+/-0.874 χ^2/NDF : 121350.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

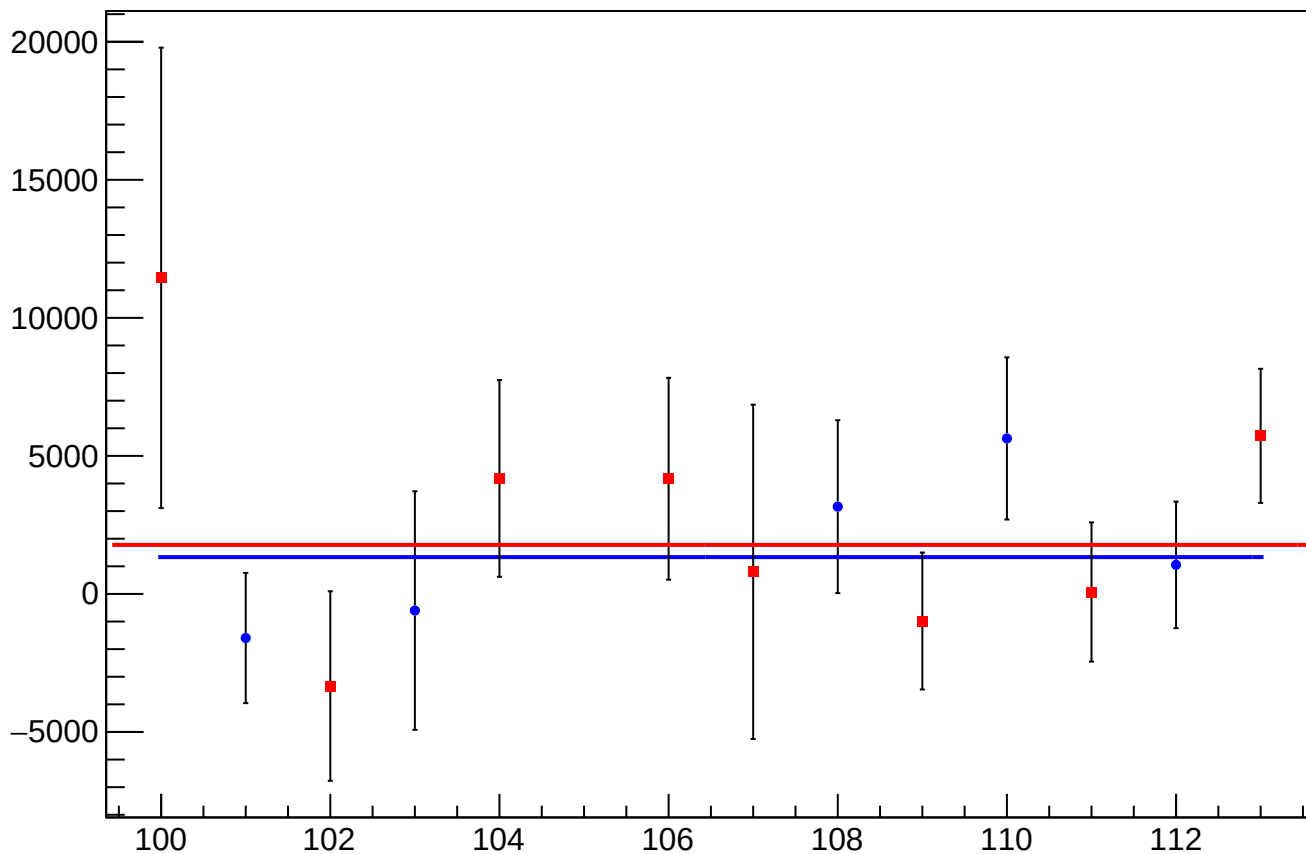
Right: 2160.076+/-0.663 χ^2/NDF : 671581.7/12

In: 2162.730+/-1.019 χ^2/NDF : 550219.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2160.076+/-0.663 χ^2/NDF : 671581.7/12

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: 1776.312+/-1139.927 χ^2/NDF : 8.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

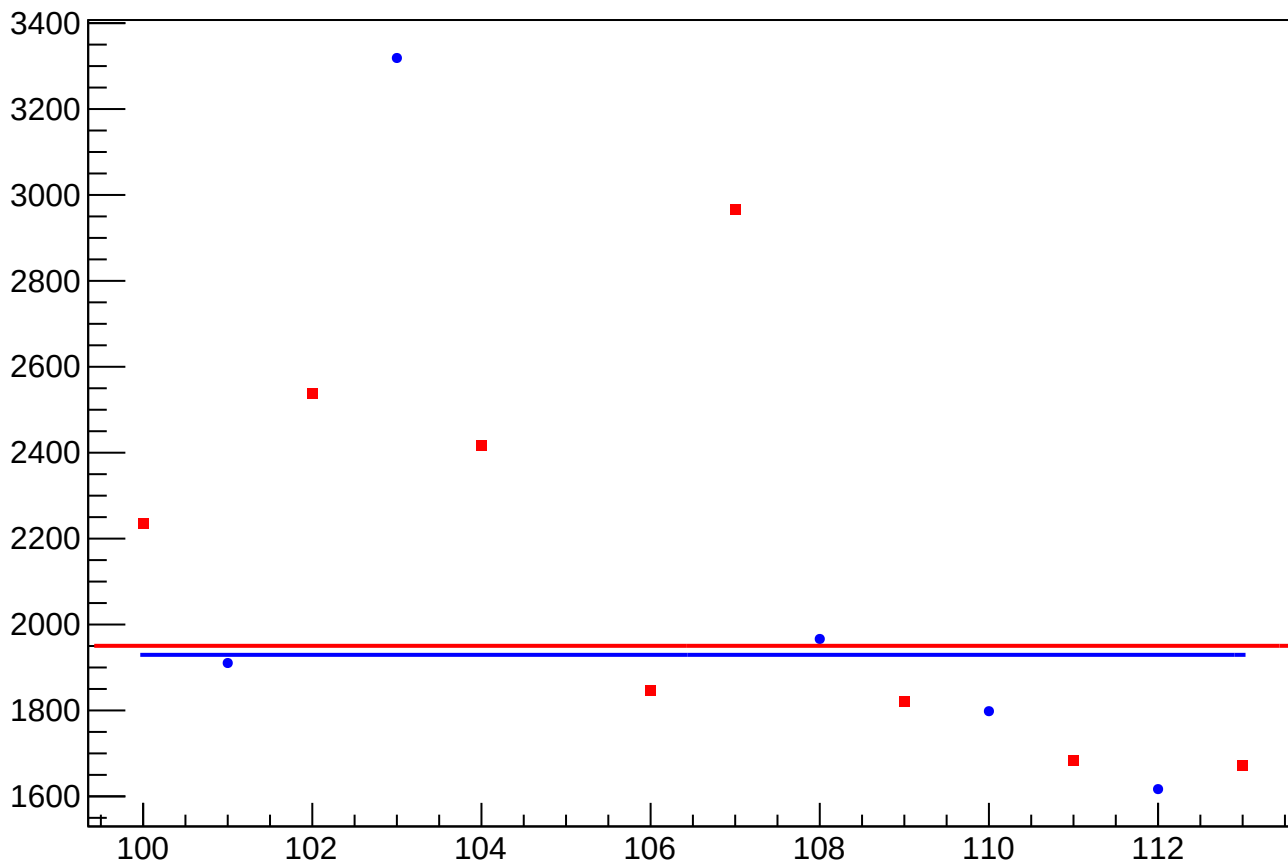
Right: 1574.938+/-841.741 χ^2/NDF : 13.1/12

In: 1333.479+/-1248.236 χ^2/NDF : 4.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1574.938+/-841.741 χ^2/NDF : 13.1/12

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: 1950.437+/-0.806 χ^2/NDF : 207731.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

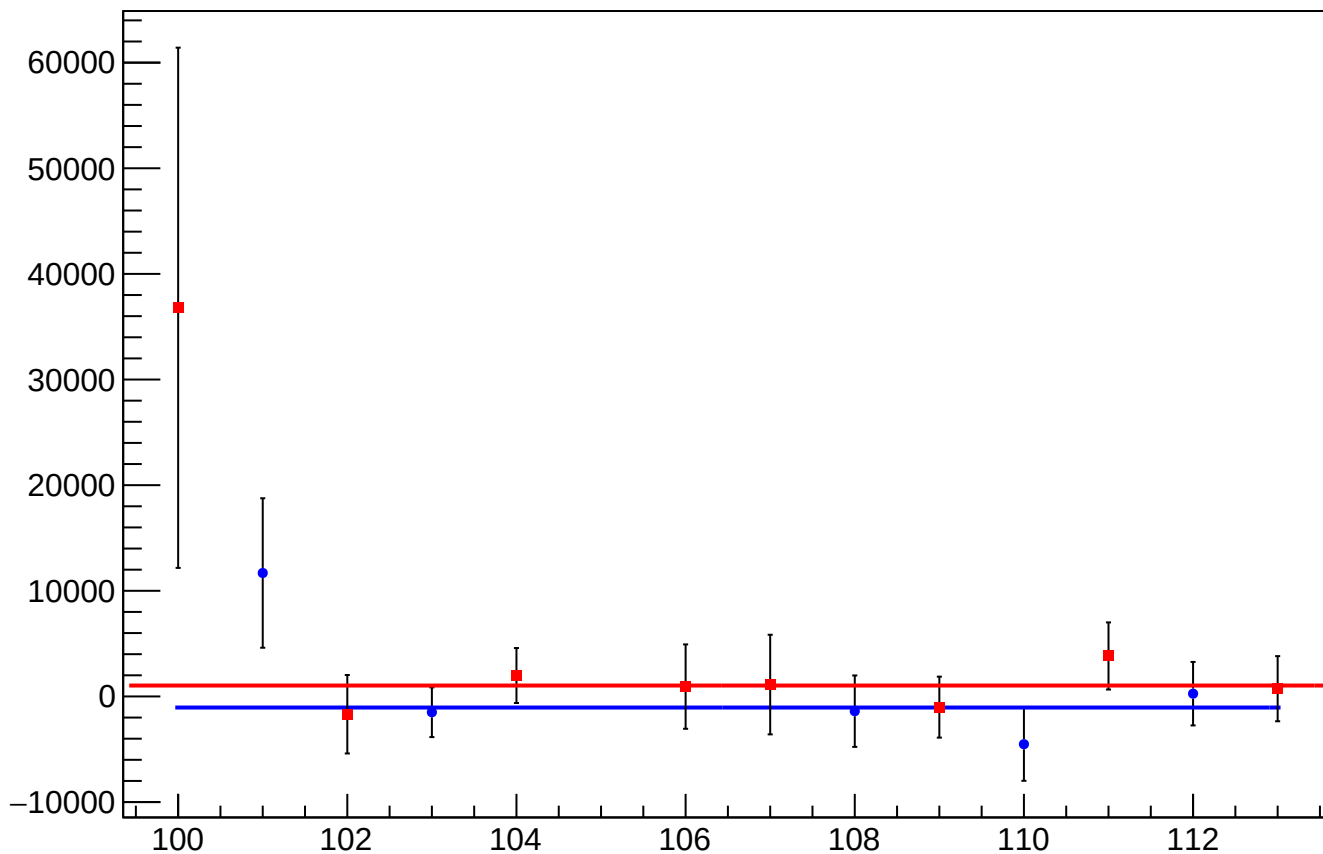
Right: 1940.885+/-0.595 χ^2/NDF : 456402.3/12

In: 1929.433+/-0.883 χ^2/NDF : 248361.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1940.885+/-0.595 χ^2/NDF : 456402.3/12

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: 1032.553+/-1236.591 χ^2/NDF : 4.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

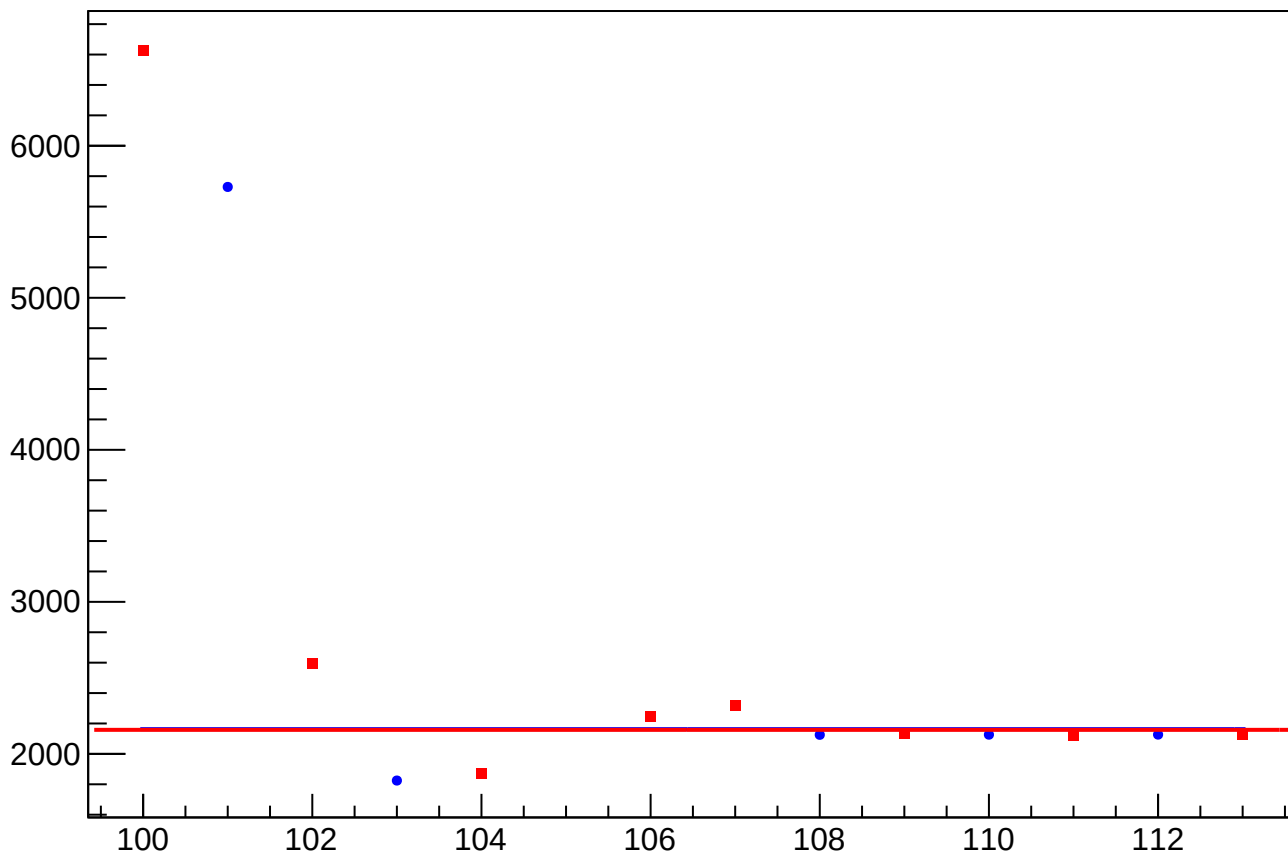
Right: 149.068+/-938.313 χ^2/NDF : 9.7/12

In: -1049.971+/-1440.599 χ^2/NDF : 4.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.068+/-938.313 χ^2/NDF : 9.7/12

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: 2158.120+/-0.874 χ^2/NDF : 121350.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

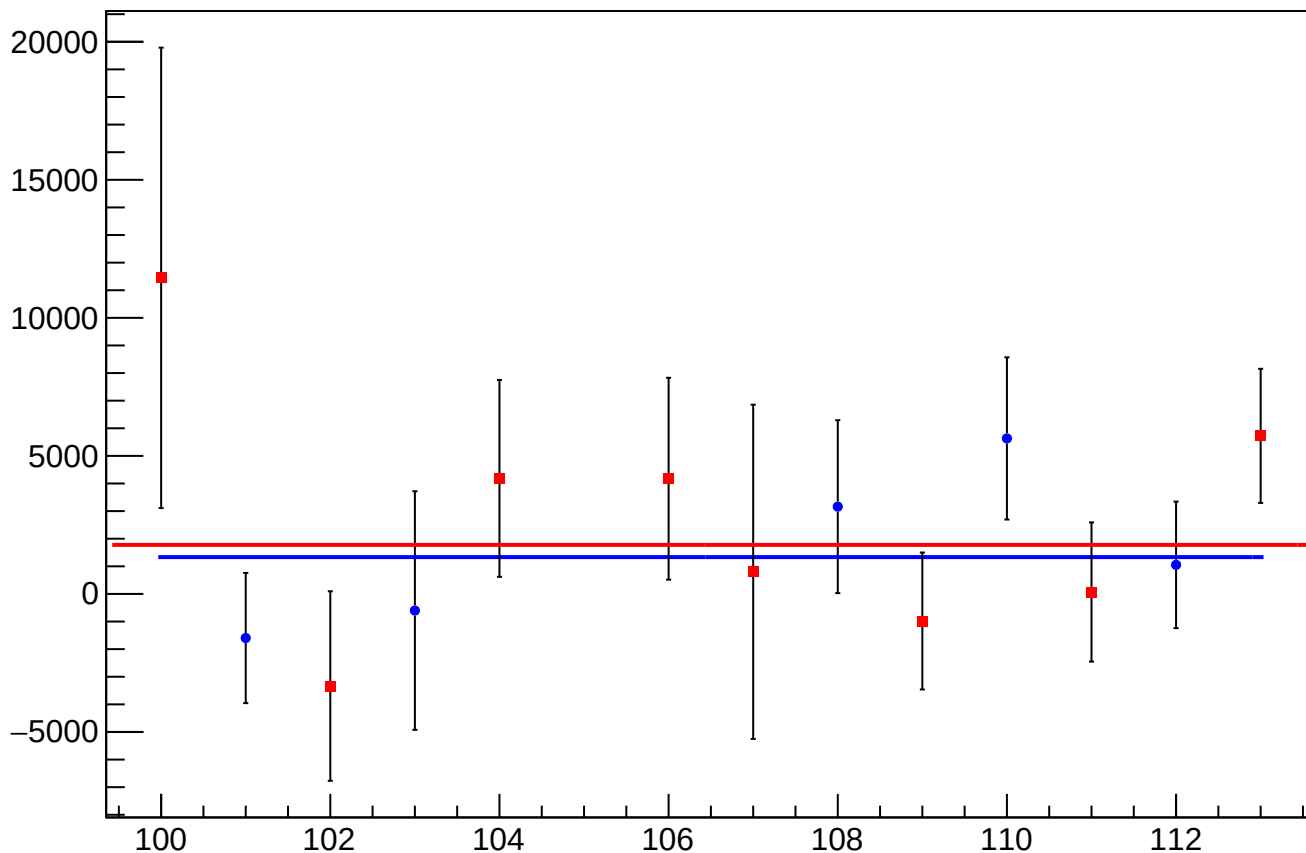
Right: 2160.076+/-0.663 χ^2/NDF : 671581.7/12

In: 2162.730+/-1.019 χ^2/NDF : 550219.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2160.076+/-0.663 χ^2/NDF : 671581.7/12

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: 1776.312+/-1139.927 χ^2/NDF : 8.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

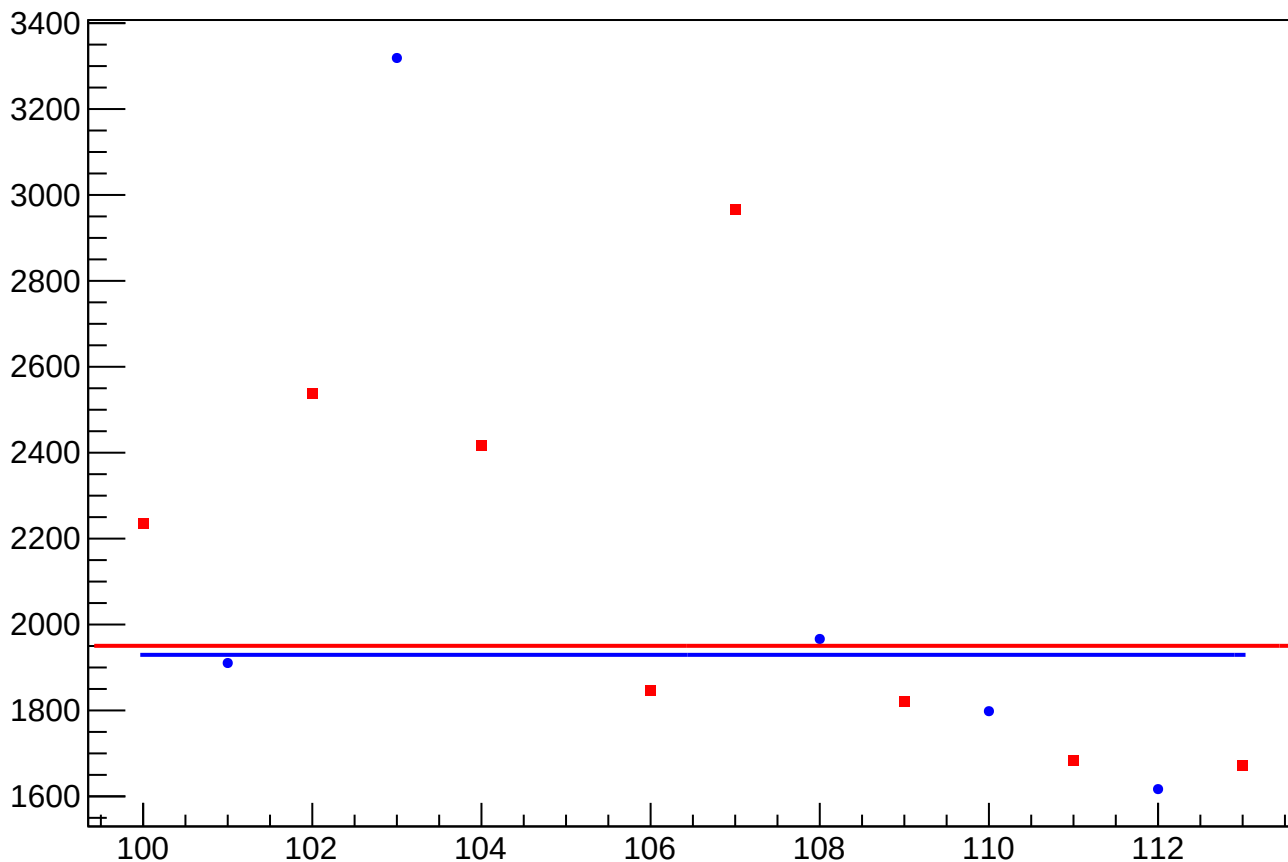
Right: 1574.938+/-841.741 χ^2/NDF : 13.1/12

In: 1333.479+/-1248.236 χ^2/NDF : 4.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1574.938+/-841.741 χ^2/NDF : 13.1/12

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: 1950.437+/-0.806 χ^2/NDF : 207731.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

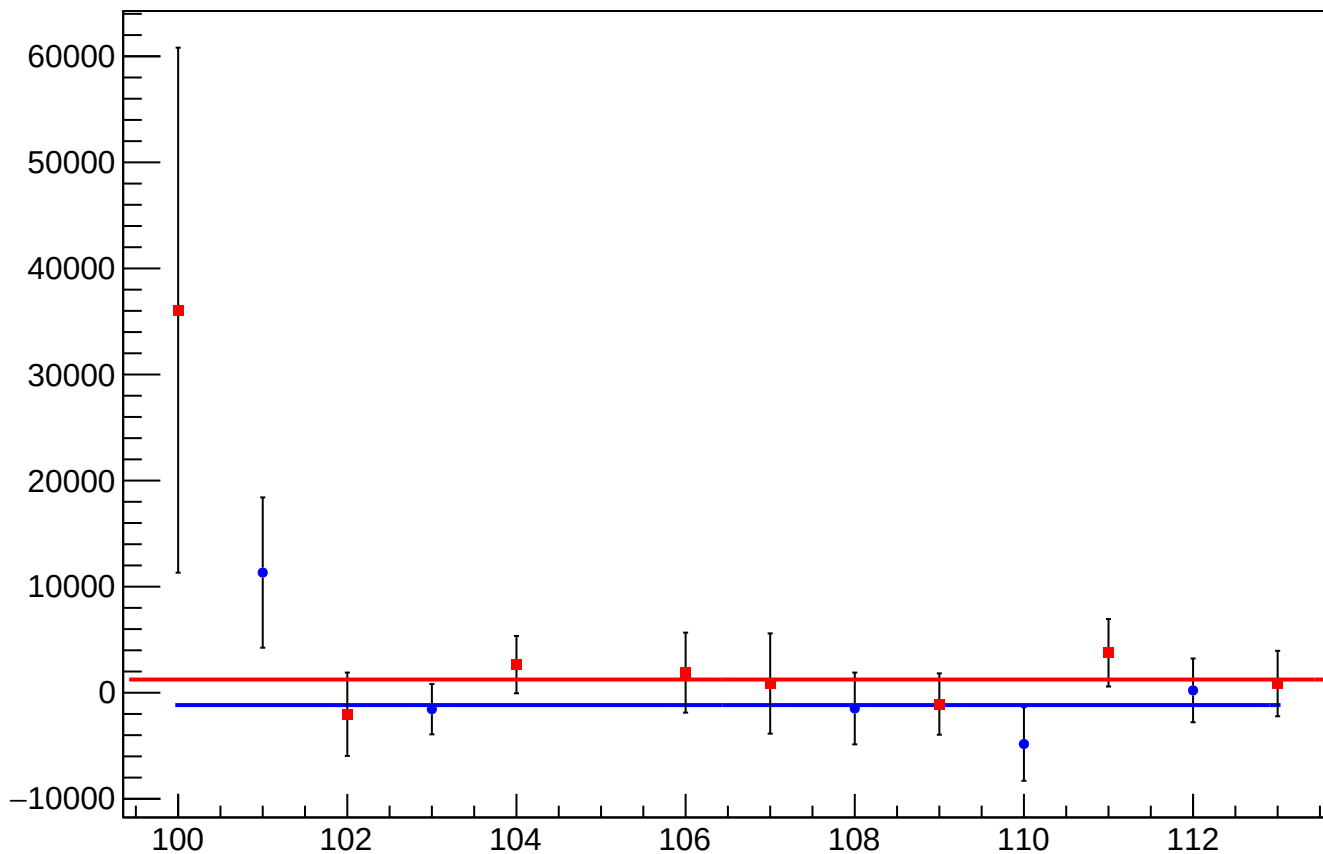
Right: 1940.885+/-0.595 χ^2/NDF : 456402.3/12

In: 1929.433+/-0.883 χ^2/NDF : 248361.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1940.885+/-0.595 χ^2/NDF : 456402.3/12

dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -1163.384+/-1445.403 χ^2/NDF : 4.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1245.344+/-1247.901 χ^2/NDF : 4.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

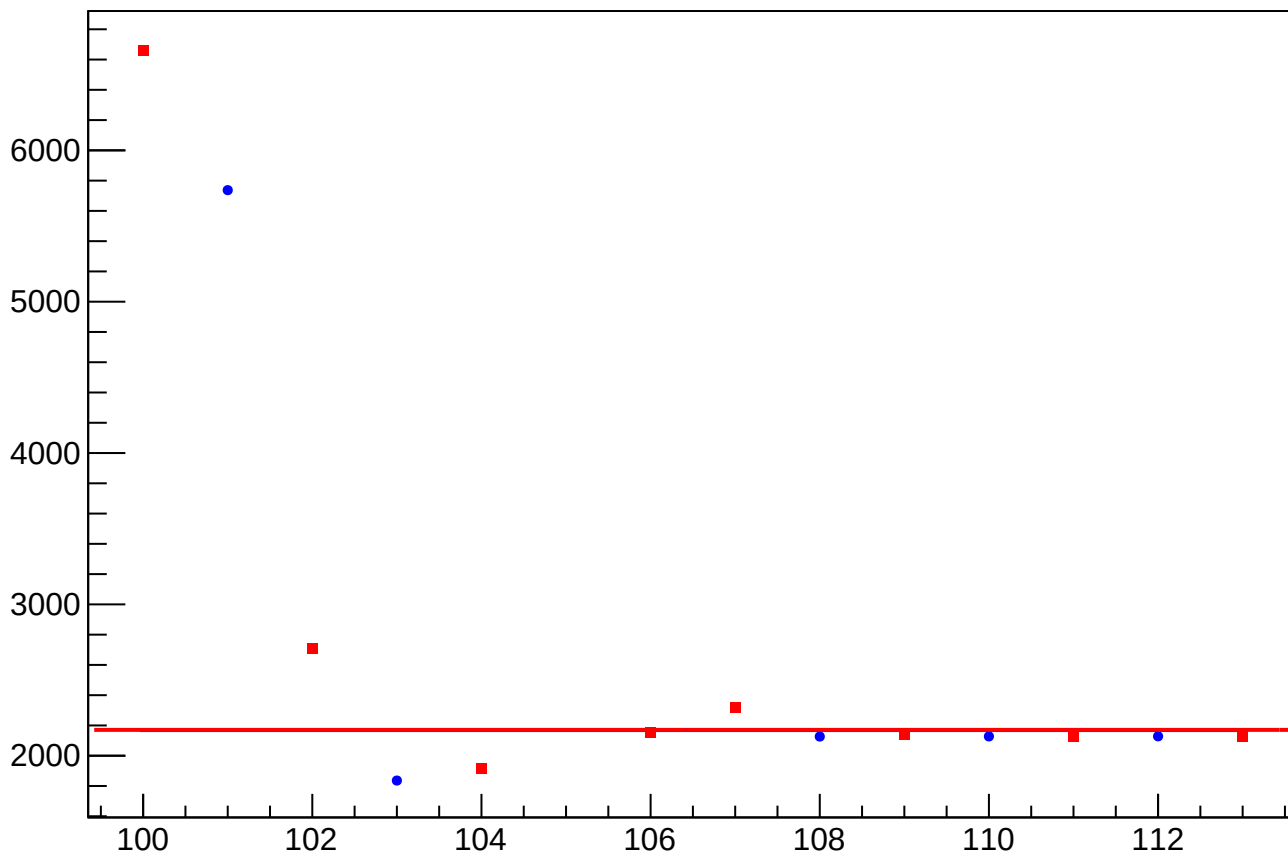
Right: 216.669+/-944.570 χ^2/NDF : 10.3/12

In: -1163.384+/-1445.403 χ^2/NDF : 4.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 216.669+/-944.570 χ^2/NDF : 10.3/12

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: 2170.738+/-0.882 χ^2/NDF : 124763.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

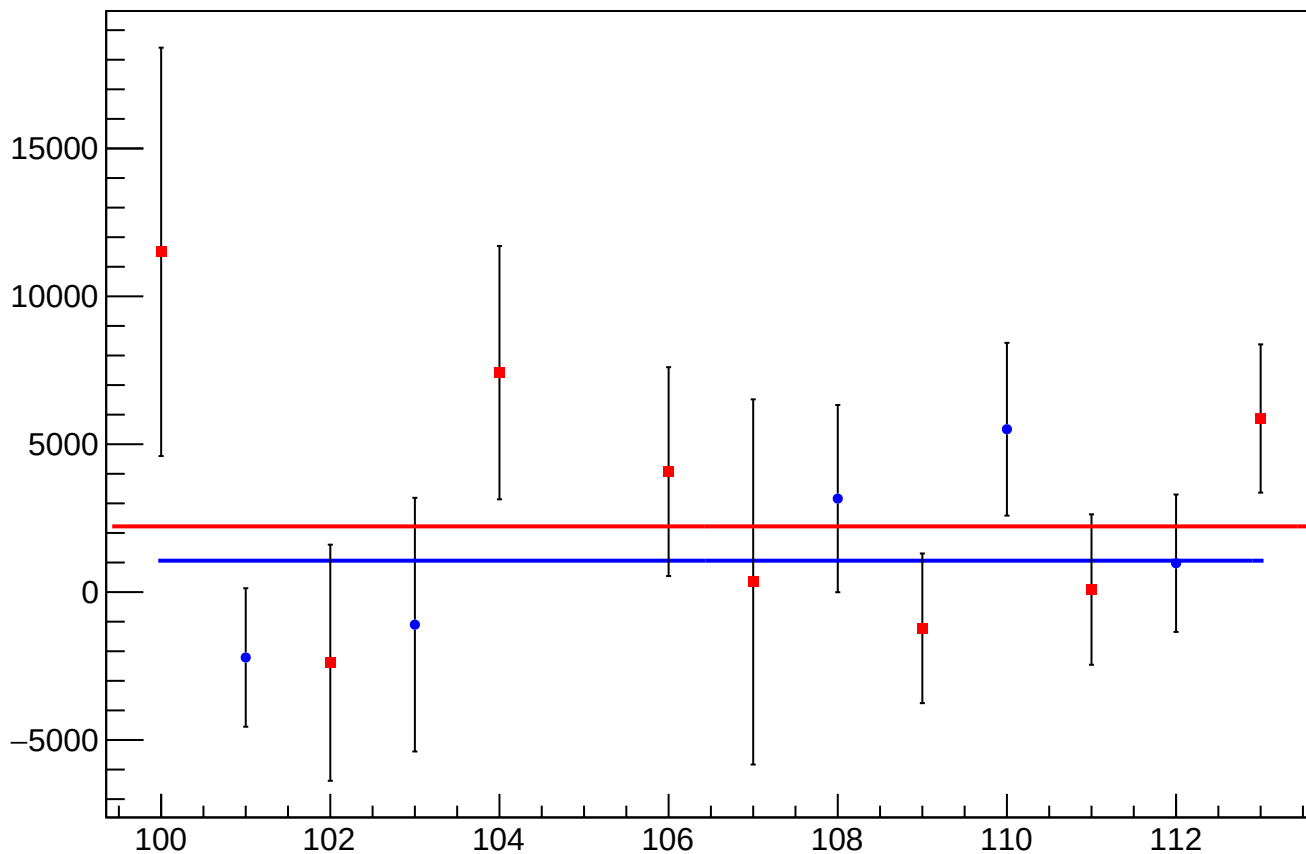
Right: 2170.238+/-0.668 χ^2/NDF : 672407.5/12

In: 2169.566+/-1.022 χ^2/NDF : 547643.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2170.238+/-0.668 χ^2/NDF : 672407.5/12

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: 2222.304+/-1182.895 χ^2/NDF : 9.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

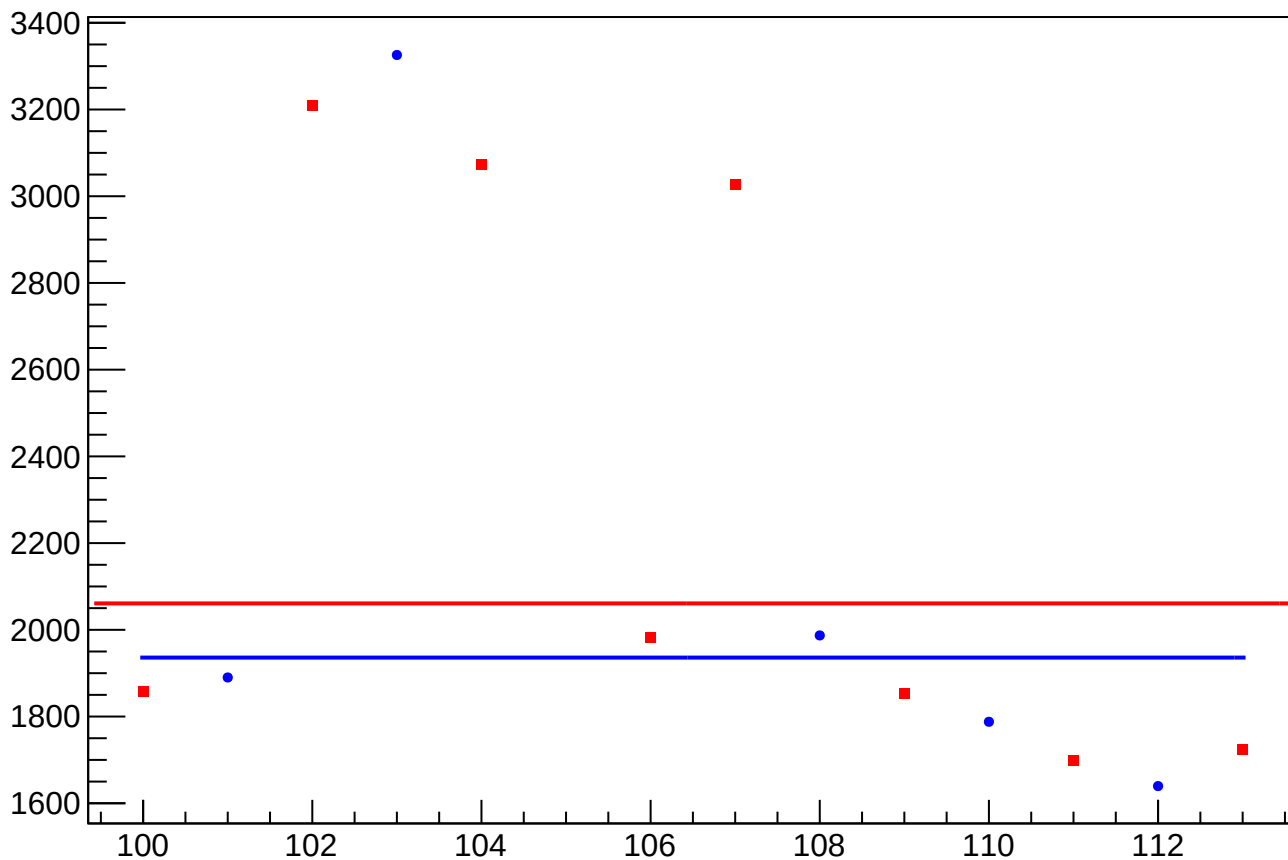
Right: 1674.683+/-859.450 χ^2/NDF : 15.1/12

In: 1062.343+/-1250.842 χ^2/NDF : 5.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1674.683+/-859.450 χ^2/NDF : 15.1/12

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: 2060.927+/-0.836 χ^2/NDF : 419215.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

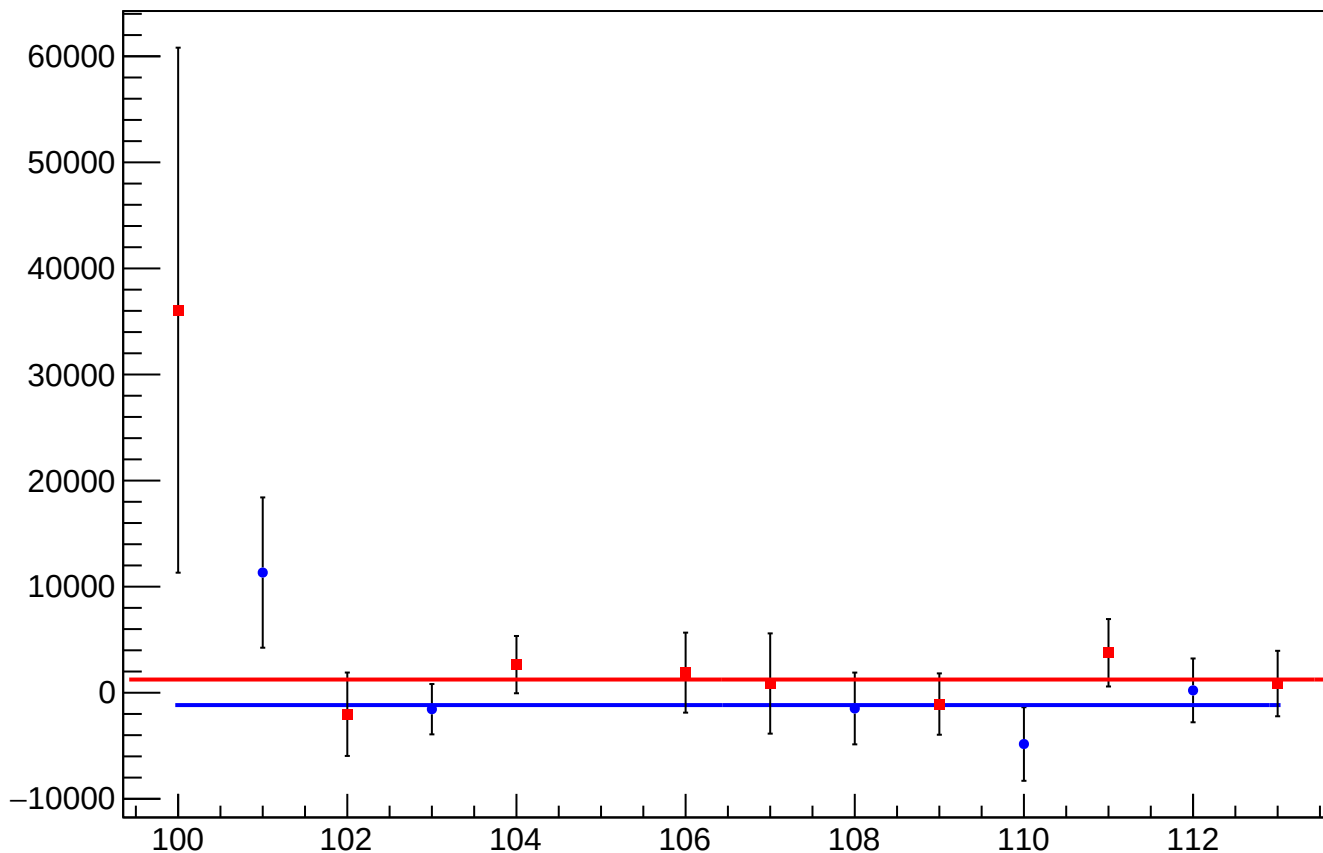
Right: 2001.937+/-0.608 χ^2/NDF : 678720.4/12

In: 1935.976+/-0.884 χ^2/NDF : 248969.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2001.937+/-0.608 χ^2/NDF : 678720.4/12

eigen_dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -1163.384+/-1445.403 χ^2/NDF : 4.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1245.344+/-1247.901 χ^2/NDF : 4.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

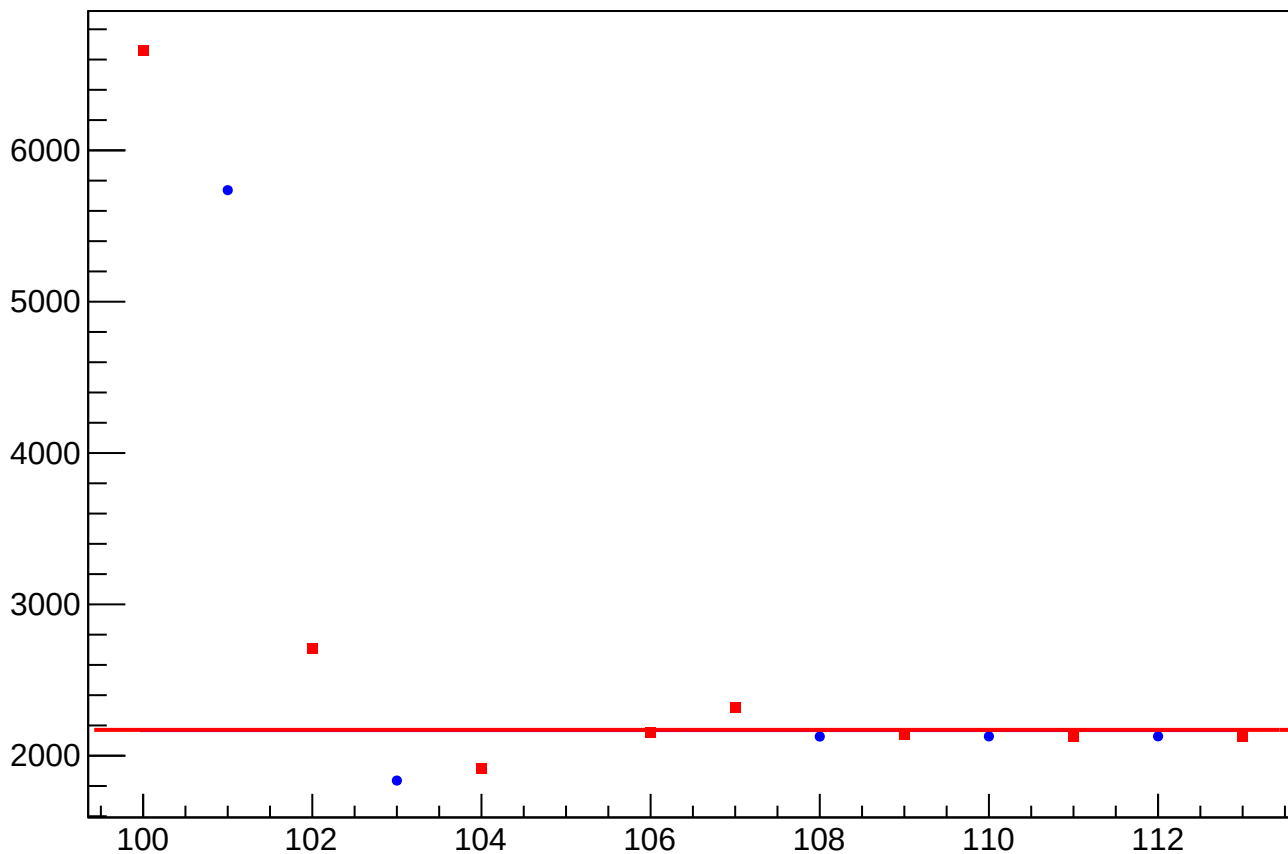
Right: 216.669+/-944.570 χ^2/NDF : 10.3/12

In: -1163.384+/-1445.403 χ^2/NDF : 4.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 216.669+/-944.570 χ^2/NDF : 10.3/12

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: 2170.738+/-0.882 χ^2/NDF : 124763.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

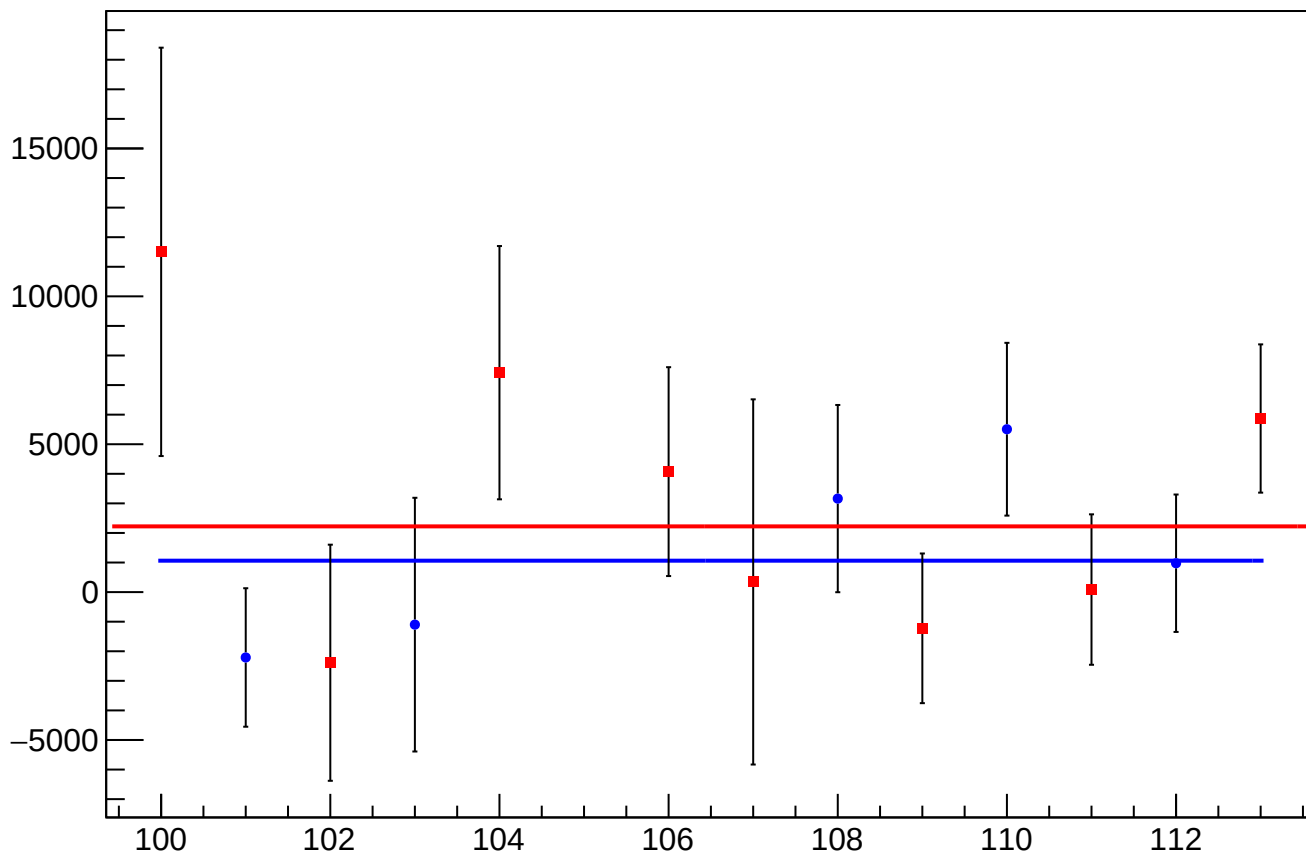
Right: 2170.237+/-0.668 χ^2/NDF : 672407.7/12

In: 2169.565+/-1.022 χ^2/NDF : 547643.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2170.237+/-0.668 χ^2/NDF : 672407.7/12

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: 2222.299+/-1182.893 χ^2/NDF : 9.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

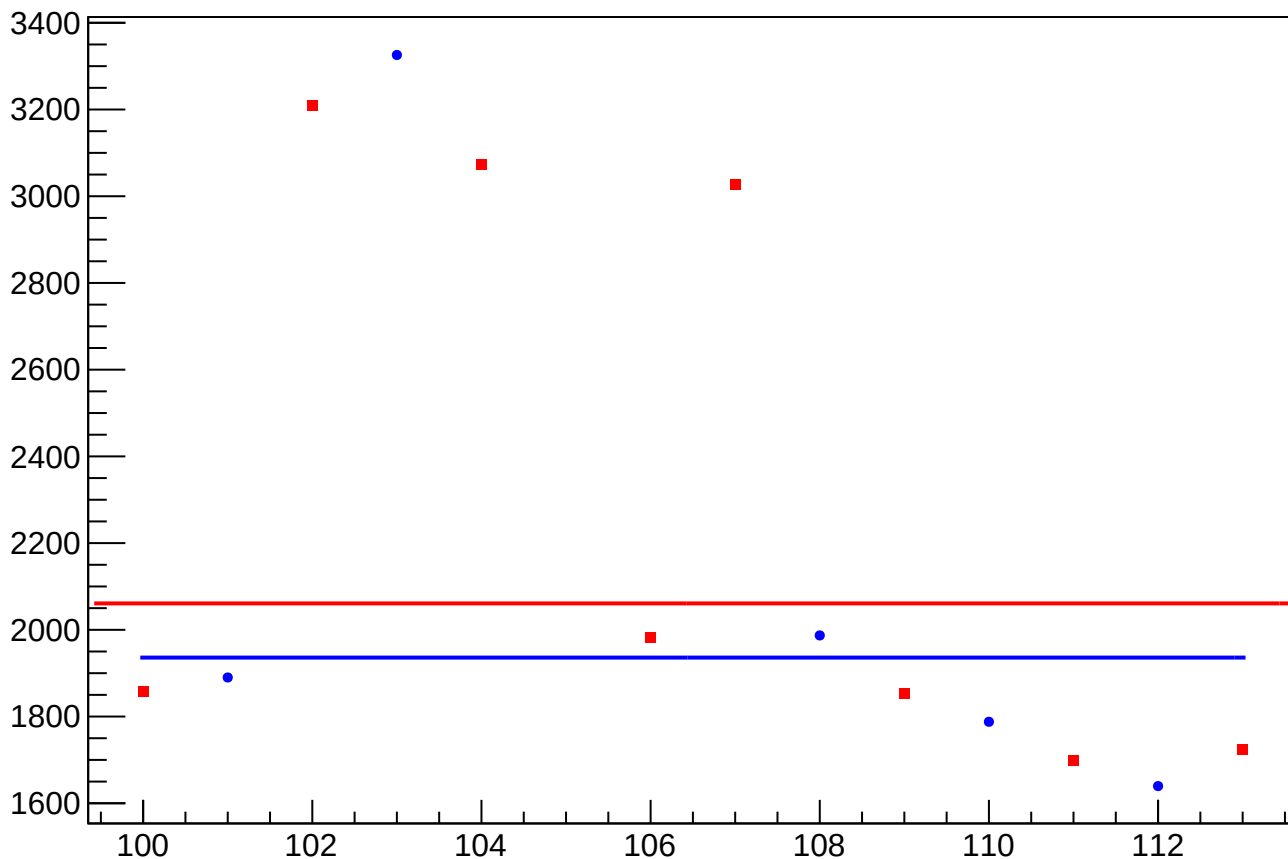
Right: 1674.681+/-859.449 χ^2/NDF : 15.1/12

In: 1062.345+/-1250.840 χ^2/NDF : 5.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1674.681+/-859.449 χ^2/NDF : 15.1/12

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: 2060.924+/-0.836 χ^2/NDF : 419221.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

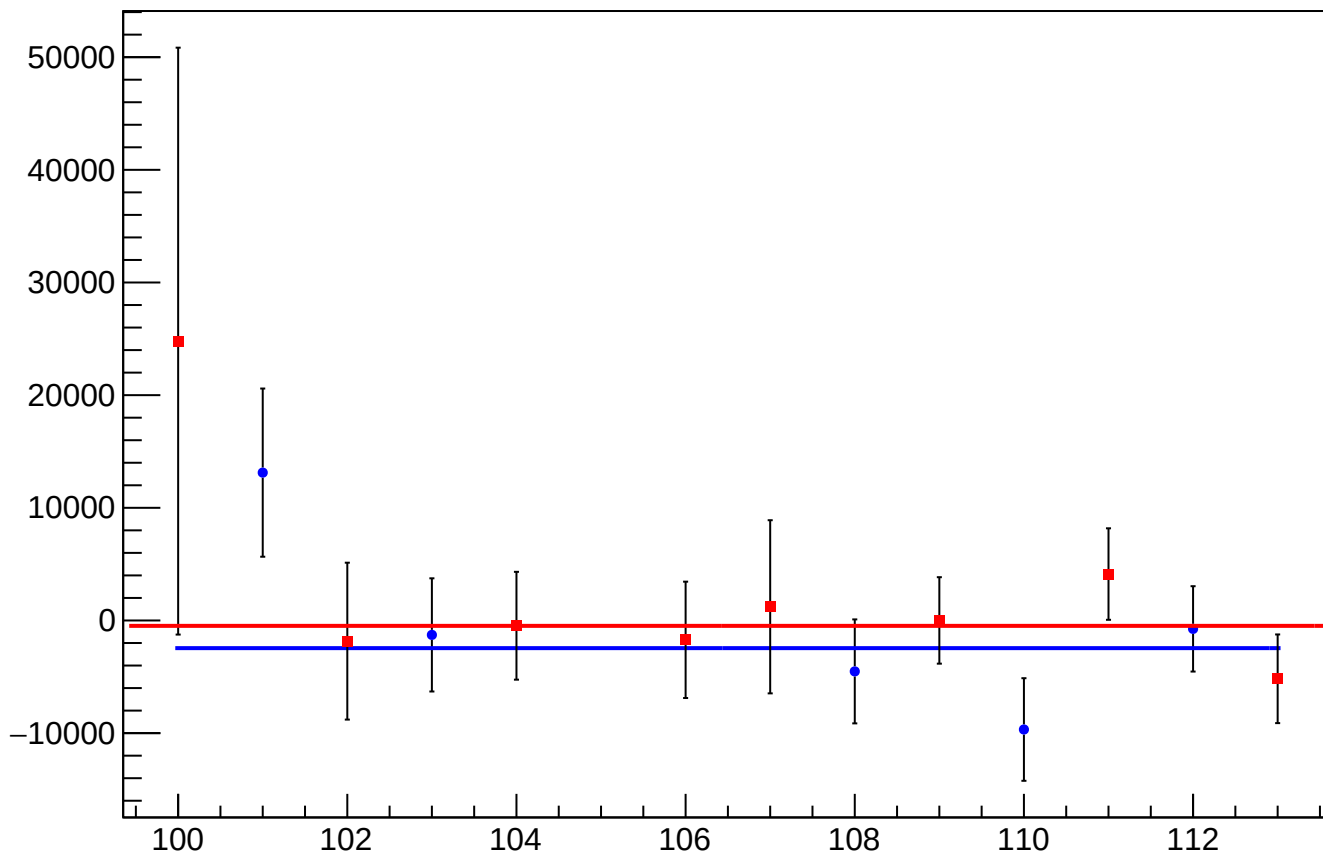
Right: 2001.934+/-0.608 χ^2/NDF : 678728.4/12

In: 1935.972+/-0.884 χ^2/NDF : 248971.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2001.934+/-0.608 χ^2/NDF : 678728.4/12

asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -2455.117 $\pm$ 2120.243 χ^2 /NDF: 7.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -477.820 $\pm$ 1786.528 χ^2 /NDF: 3.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

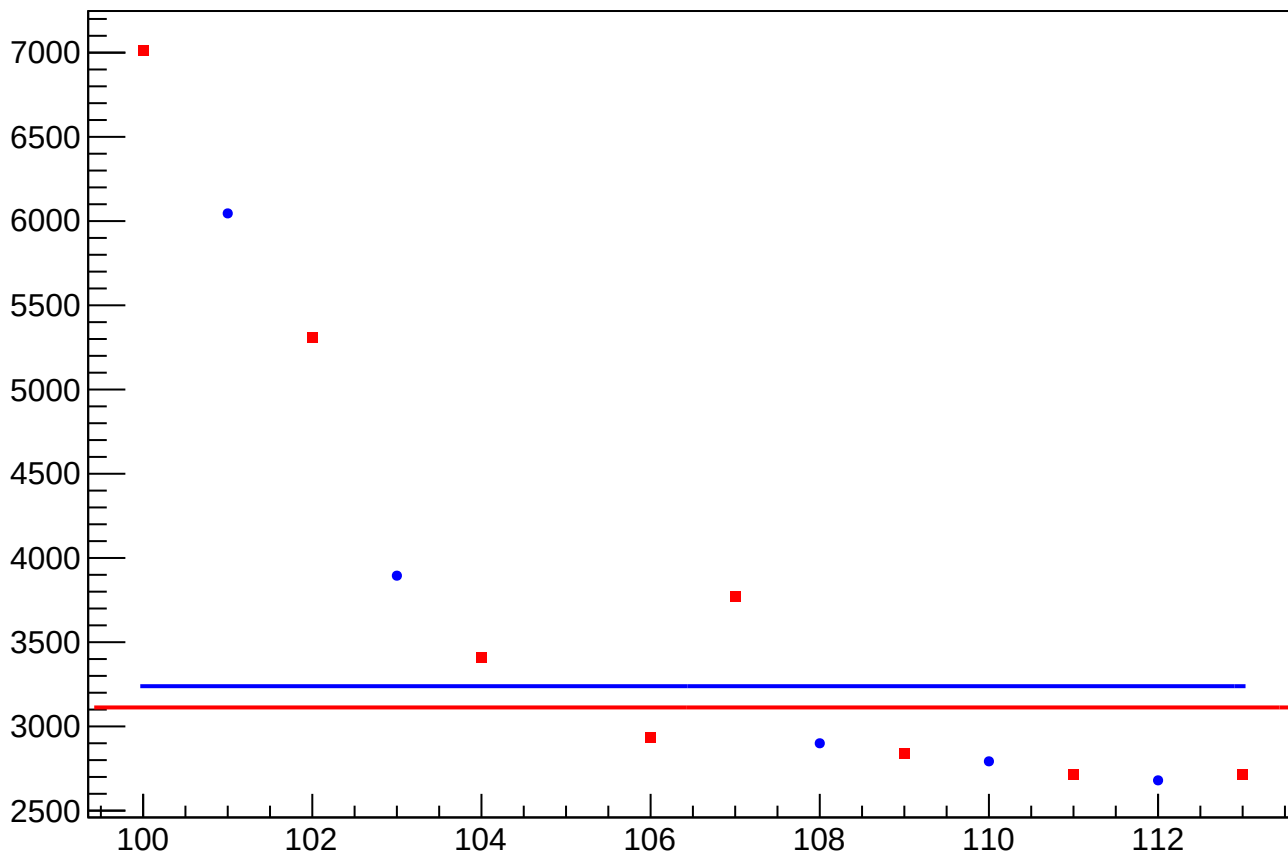
Right: -1298.792 $\pm$ 1366.198 χ^2 /NDF: 11.6/12

In: -2455.117 $\pm$ 2120.243 χ^2 /NDF: 7.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1298.792 $\pm$ 1366.198 χ^2 /NDF: 11.6/12

asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 3238.832+/-1.499 χ^2/NDF : 390450.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3112.648+/-1.263 χ^2/NDF : 318899.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

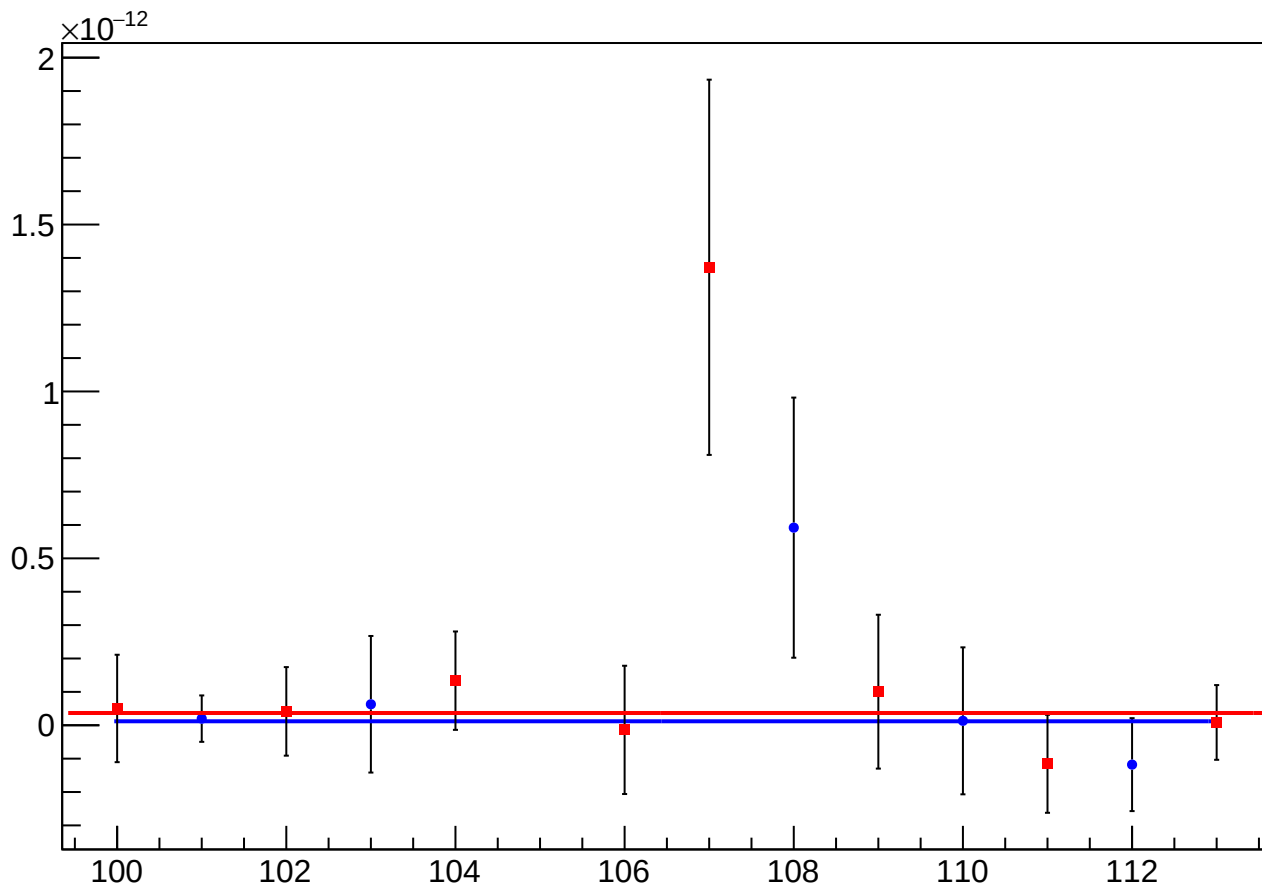
Right: 3165.038+/-0.966 χ^2/NDF : 713492.3/12

In: 3238.832+/-1.499 χ^2/NDF : 390450.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3165.038+/-0.966 χ^2/NDF : 713492.3/12

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 : 7.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

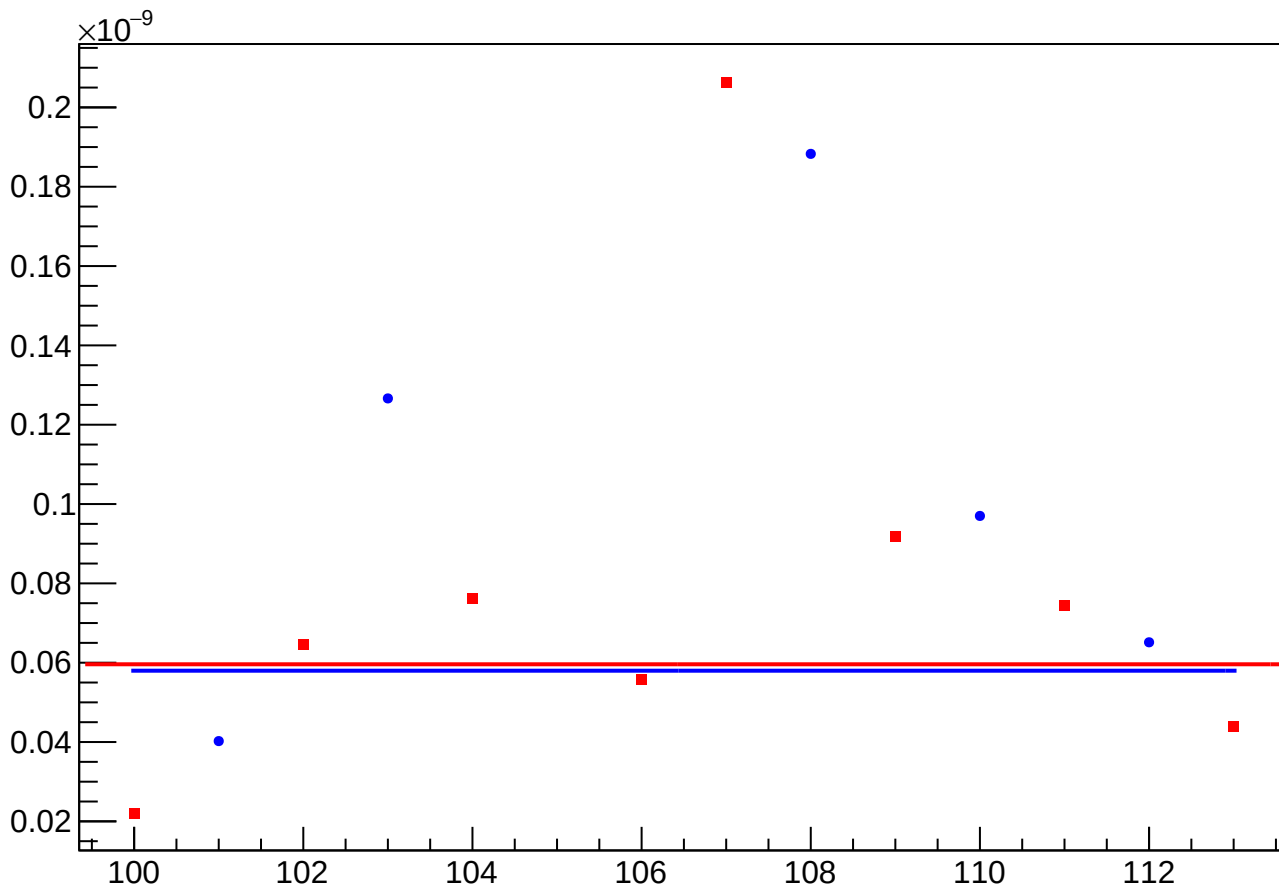
Right: 0.000+/-0.000 χ^2/NDF : 10.6/12

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 : 10.6/12

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 : 372061.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

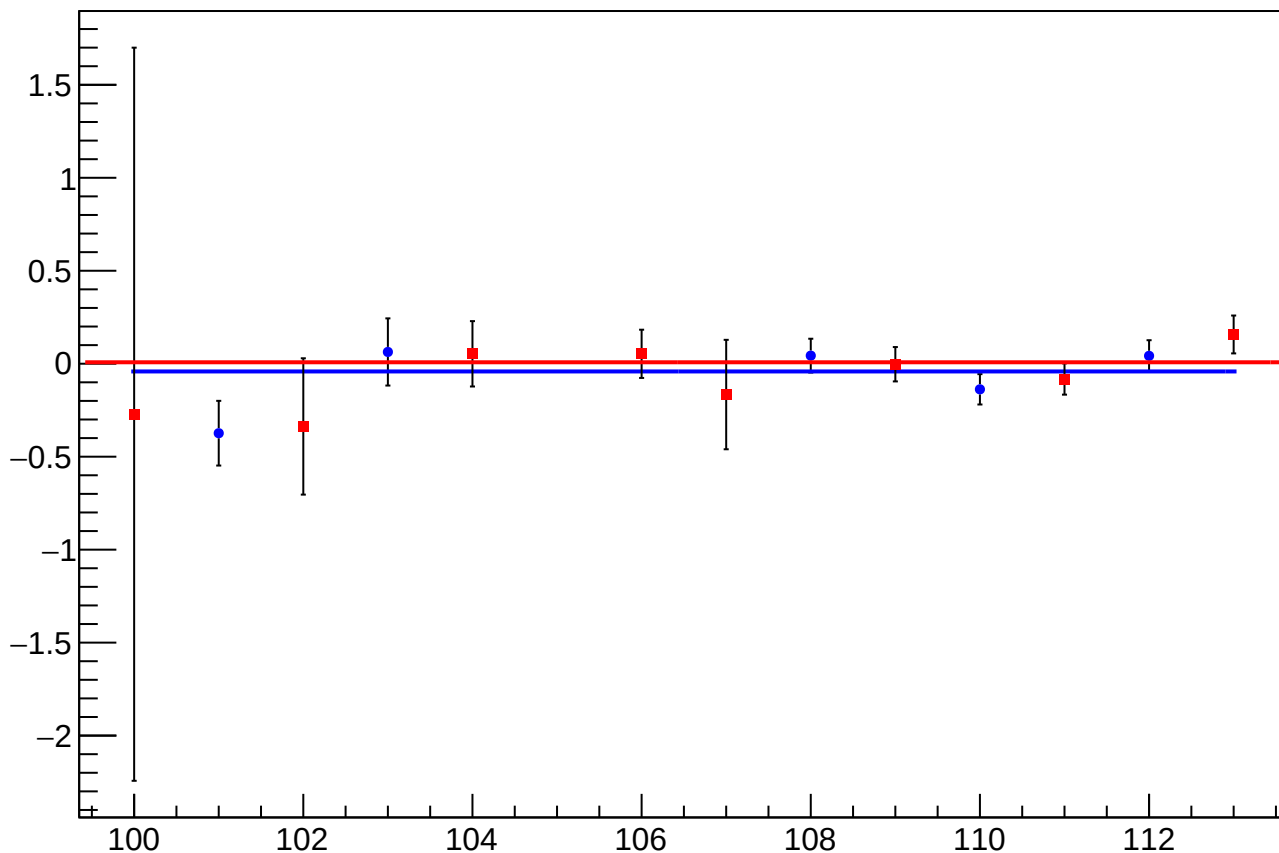
Right: 0.000+/-0.000 χ^2/NDF : 1020233.7/12

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 : 1020233.7/12

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: 0.008 $\pm$ 0.046 χ^2 /NDF: 4.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

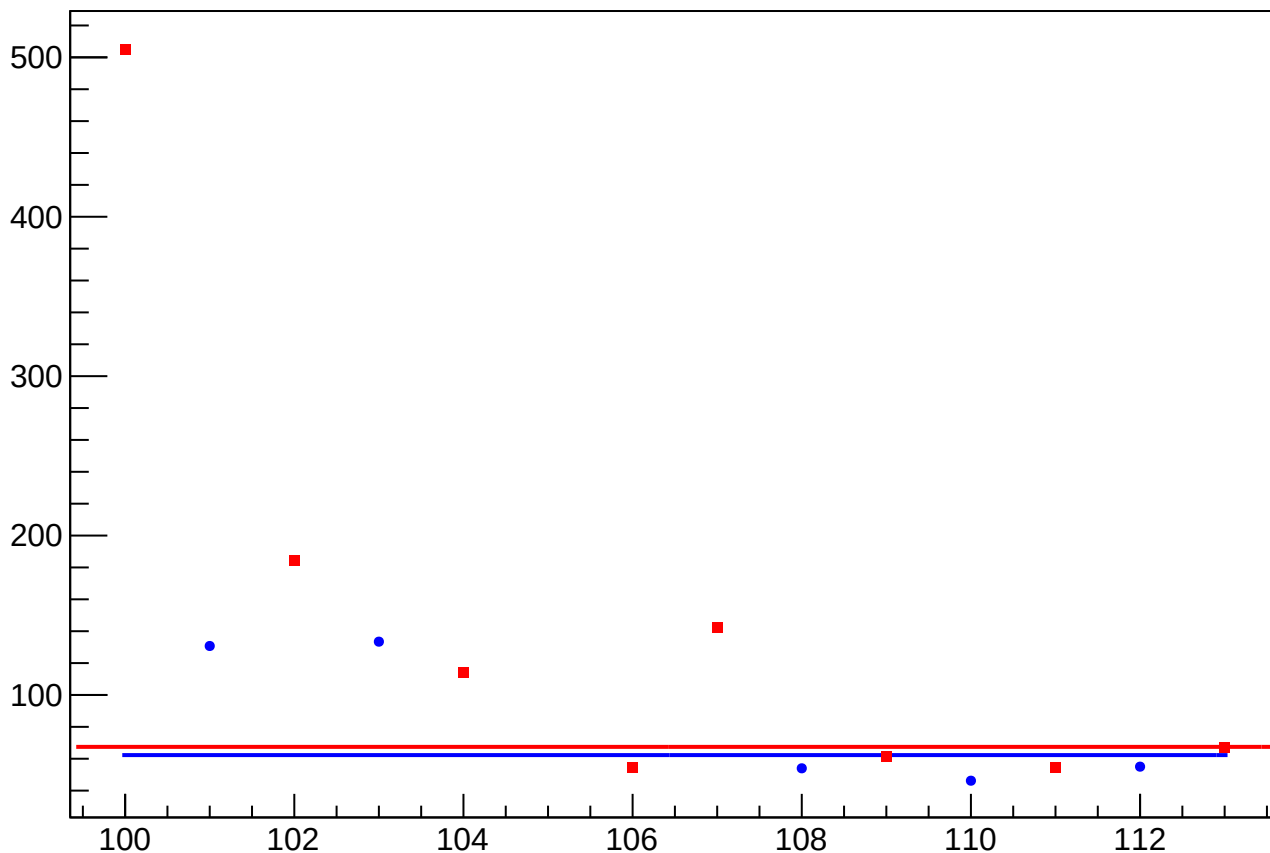
Right: -0.017 $\pm$ 0.033 χ^2 /NDF: 12.6/12

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: -0.017 $\pm$ 0.033 χ^2 /NDF: 12.6/12

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: 67.439+/-0.033 χ^2/NDF : 648817.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

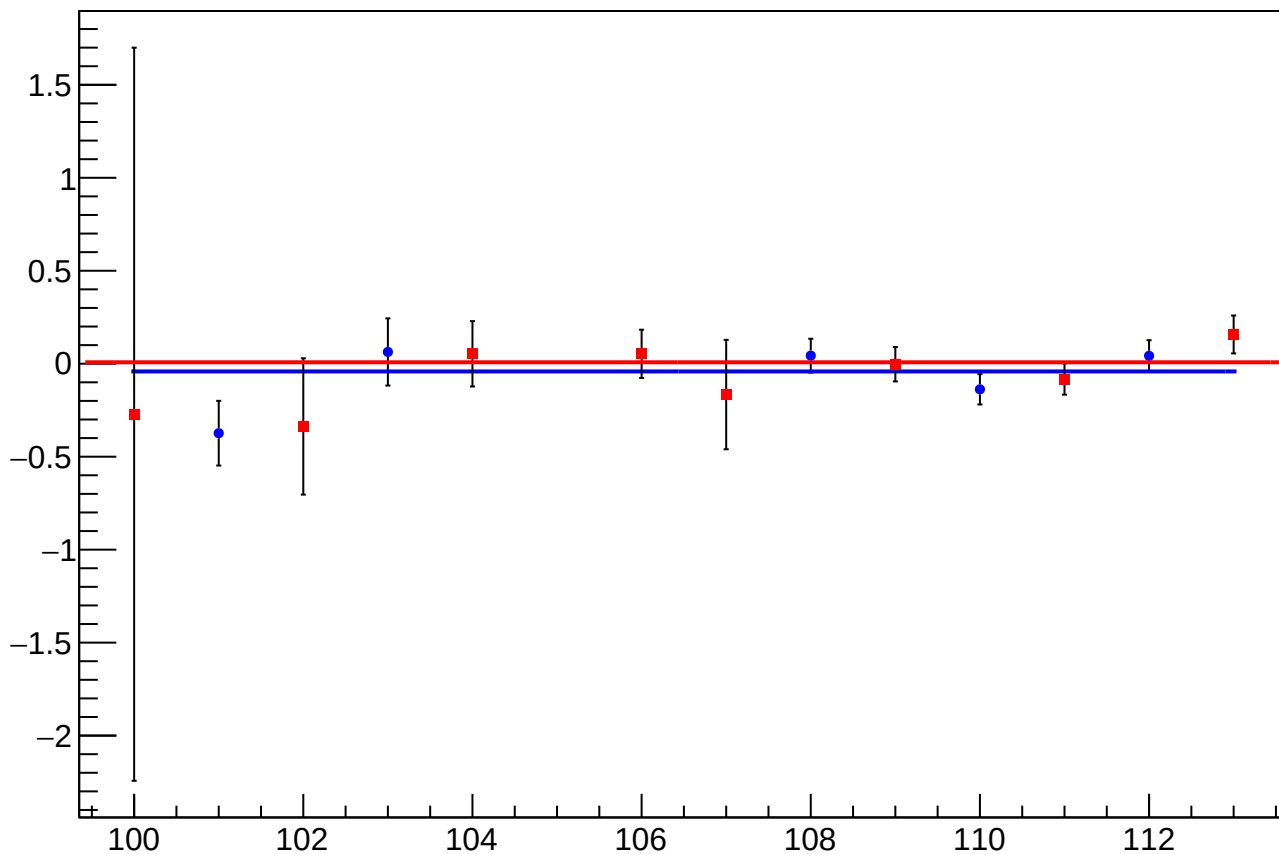
Right: 64.833+/-0.023 χ^2/NDF : 1390023.2/12

In: 62.283+/-0.032 χ^2/NDF : 728683.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.833+/-0.023 χ^2/NDF : 1390023.2/12

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: 0.008 $\pm$ 0.046 χ^2 /NDF: 4.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

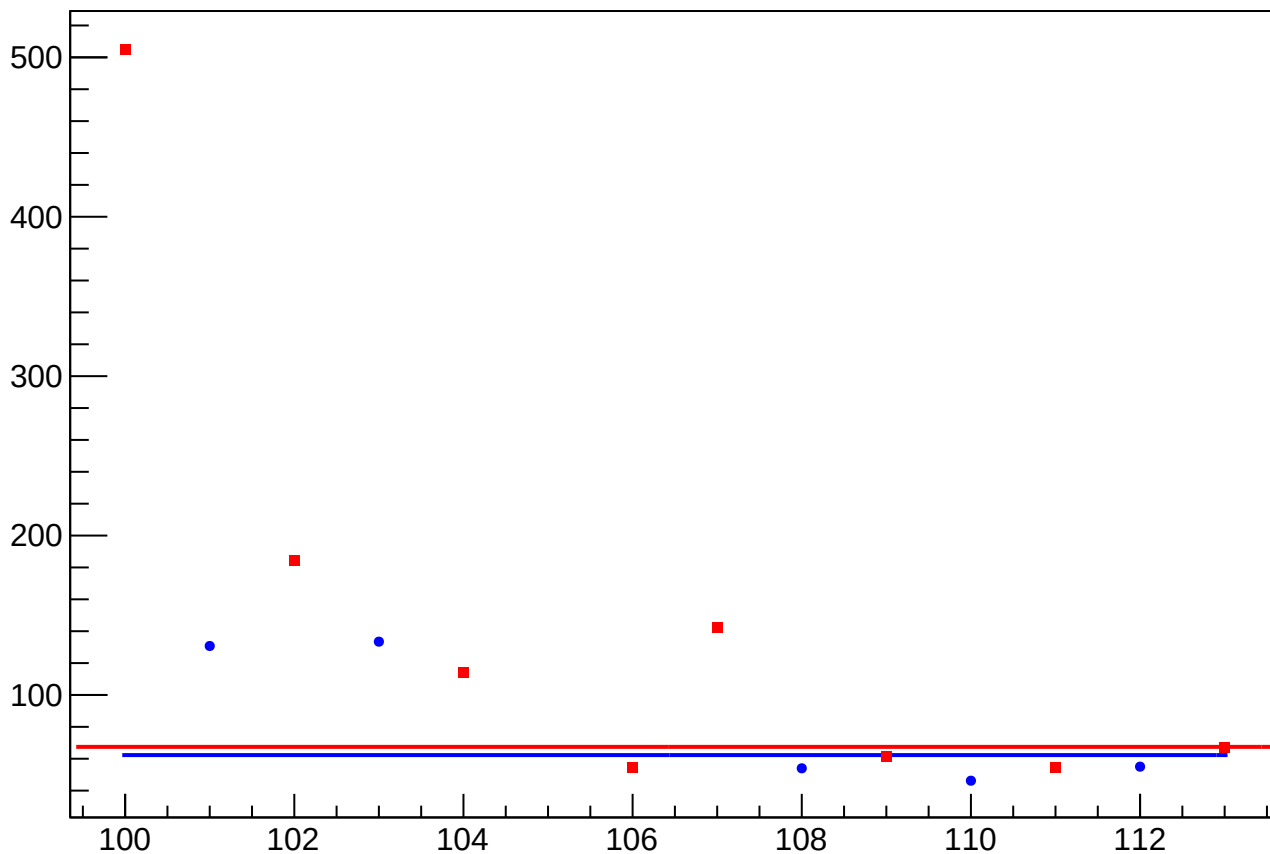
Right: -0.017 $\pm$ 0.033 χ^2 /NDF: 12.6/12

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: -0.017 $\pm$ 0.033 χ^2 /NDF: 12.6/12

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: 67.439+/-0.033 χ^2/NDF : 648817.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

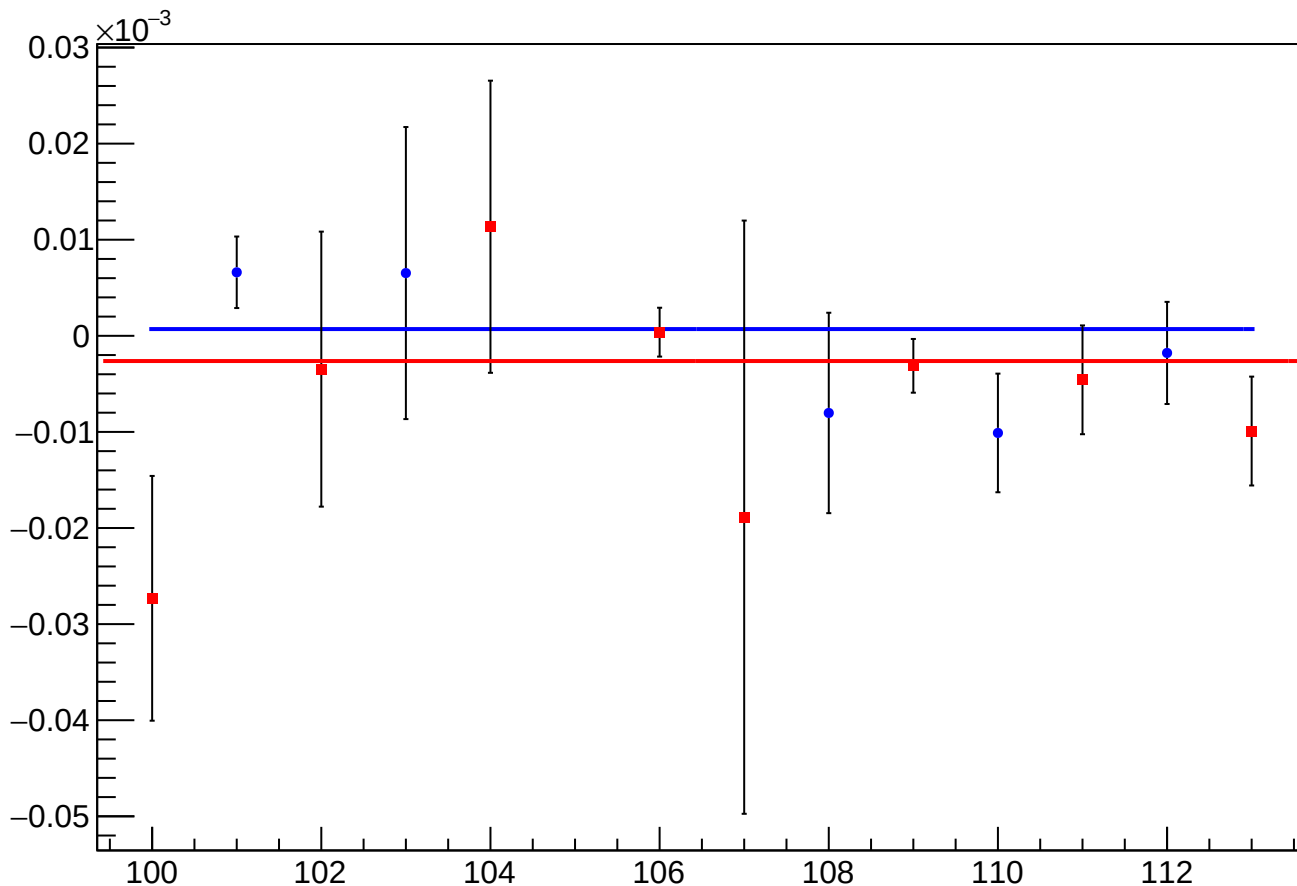
Right: 64.833+/-0.023 χ^2/NDF : 1390023.2/12

In: 62.283+/-0.032 χ^2/NDF : 728683.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.833+/-0.023 χ^2/NDF : 1390023.2/12

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 : 8.1/7

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

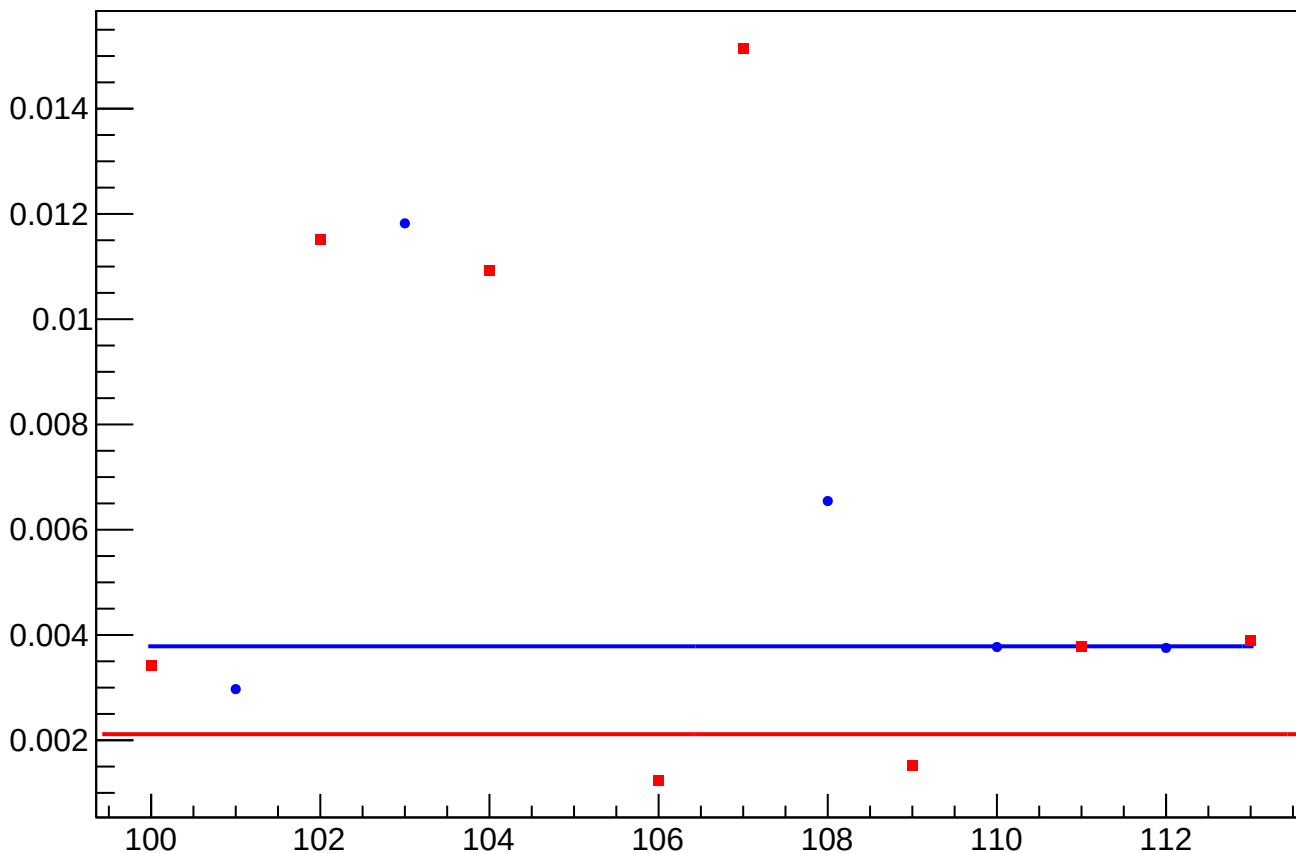
Right: -0.000 $\pm$ 0.000 χ^2/NDF : 15.9/12

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 : 15.9/12

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 : 2618430.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

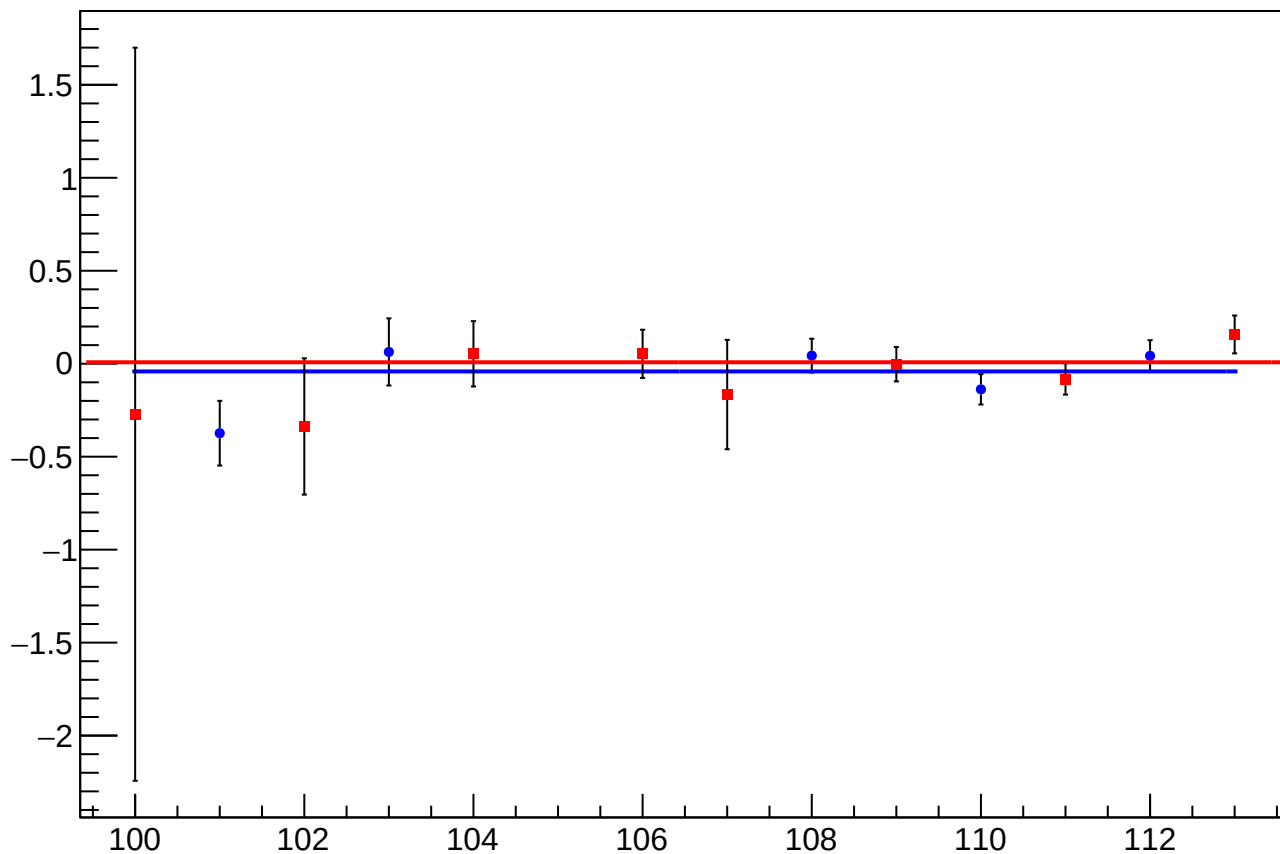
Right: 0.003+/-0.000 χ^2/NDF : 3997243.7/12

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 : 3997243.7/12

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: 0.008 $\pm$ 0.046 χ^2 /NDF: 4.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

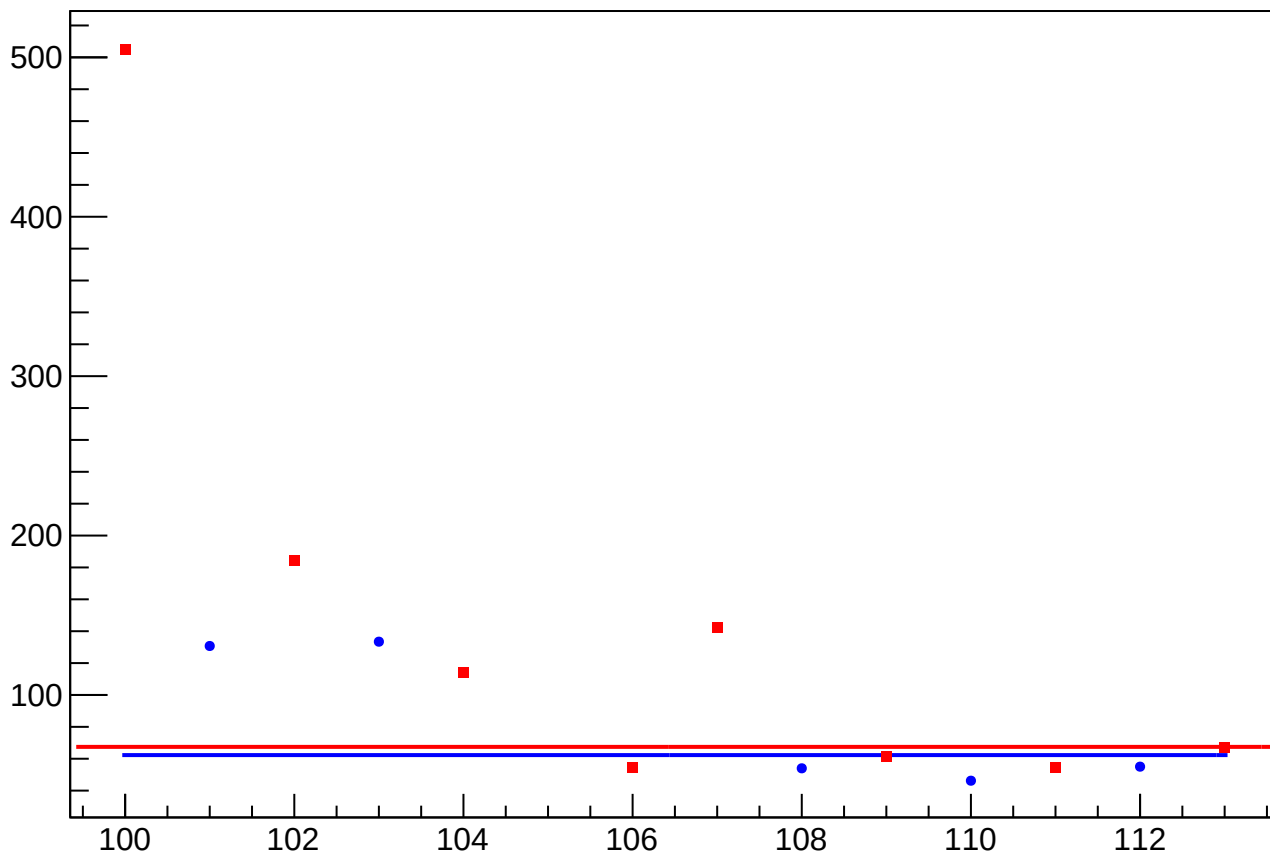
Right: -0.017 $\pm$ 0.033 χ^2 /NDF: 12.6/12

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: -0.017 $\pm$ 0.033 χ^2 /NDF: 12.6/12

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: 67.438+/-0.033 χ^2/NDF : 648776.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

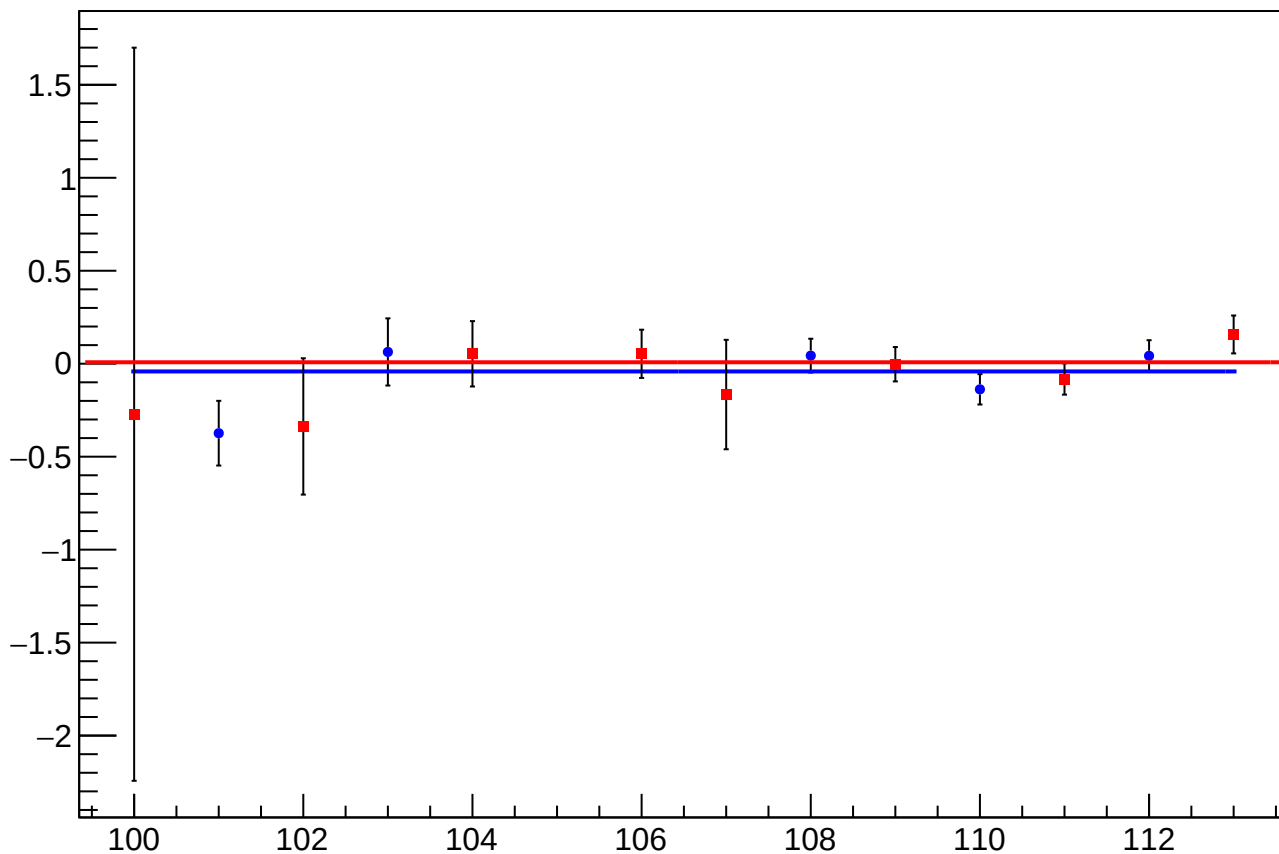
Right: 64.832+/-0.023 χ^2/NDF : 1389938.9/12

In: 62.282+/-0.032 χ^2/NDF : 728643.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.832+/-0.023 χ^2/NDF : 1389938.9/12

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: 0.008 $\pm$ 0.046 χ^2 /NDF: 4.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

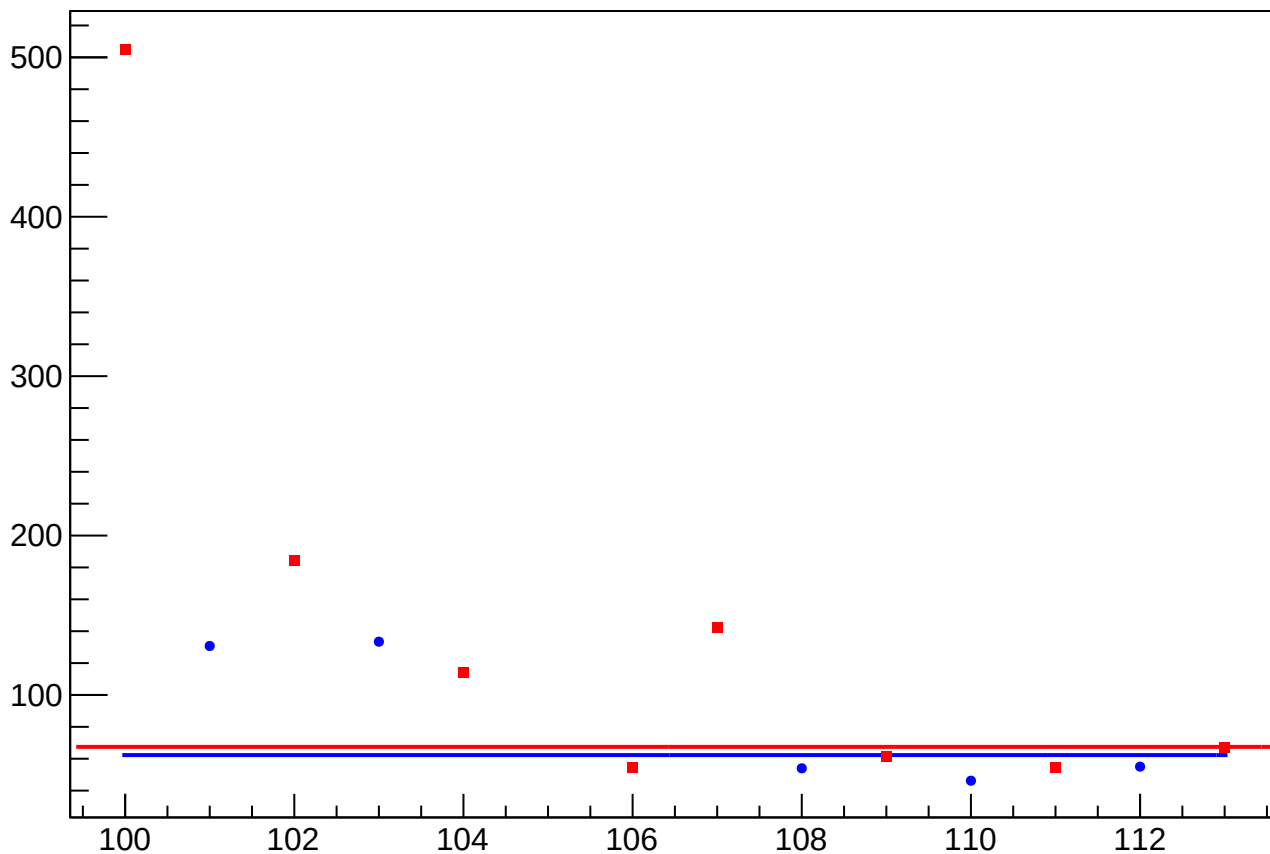
Right: -0.017 $\pm$ 0.033 χ^2 /NDF: 12.6/12

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: -0.017 $\pm$ 0.033 χ^2 /NDF: 12.6/12

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: 67.438+/-0.033 χ^2/NDF : 648776.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

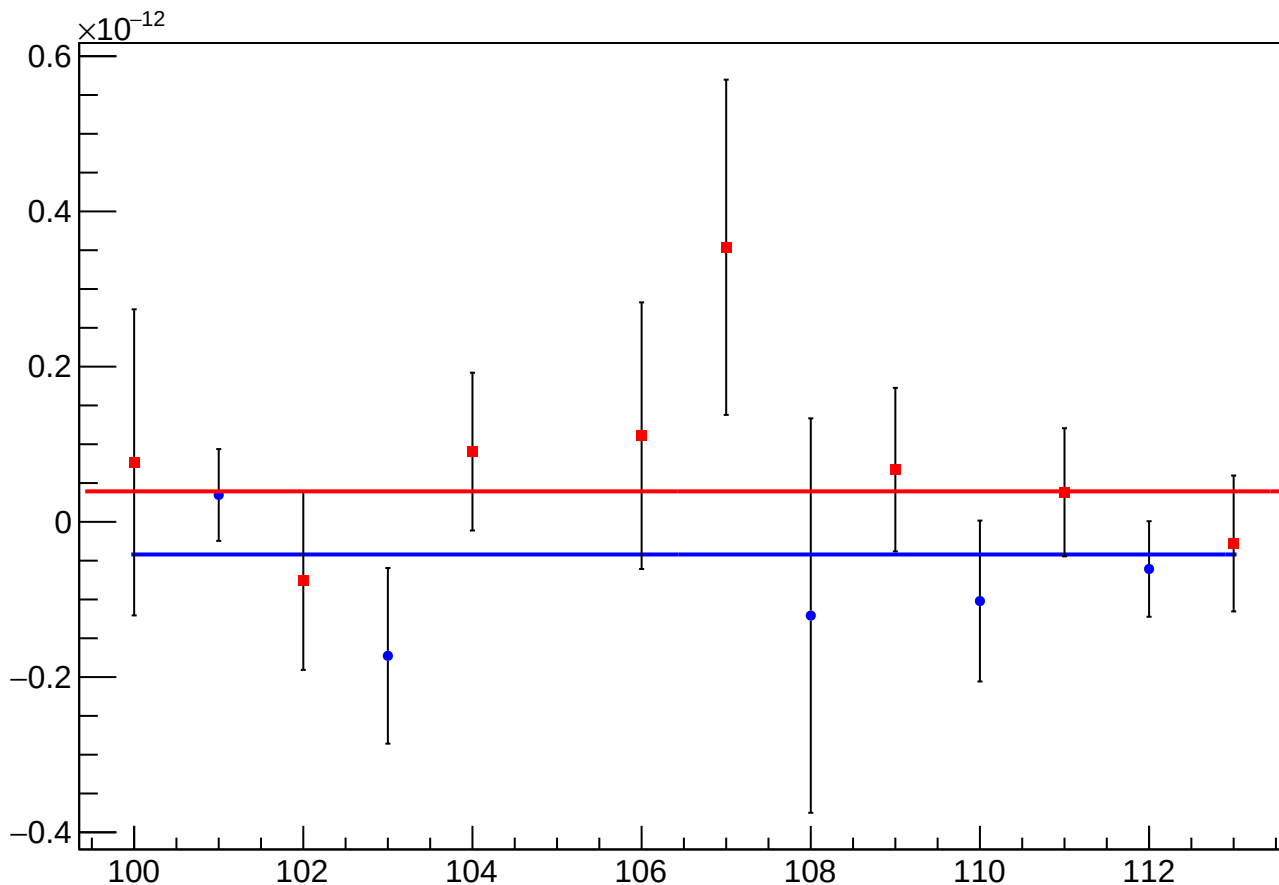
Right: 64.832+/-0.023 χ^2/NDF : 1389938.9/12

In: 62.282+/-0.032 χ^2/NDF : 728643.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.832+/-0.023 χ^2/NDF : 1389938.9/12

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 : 4.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

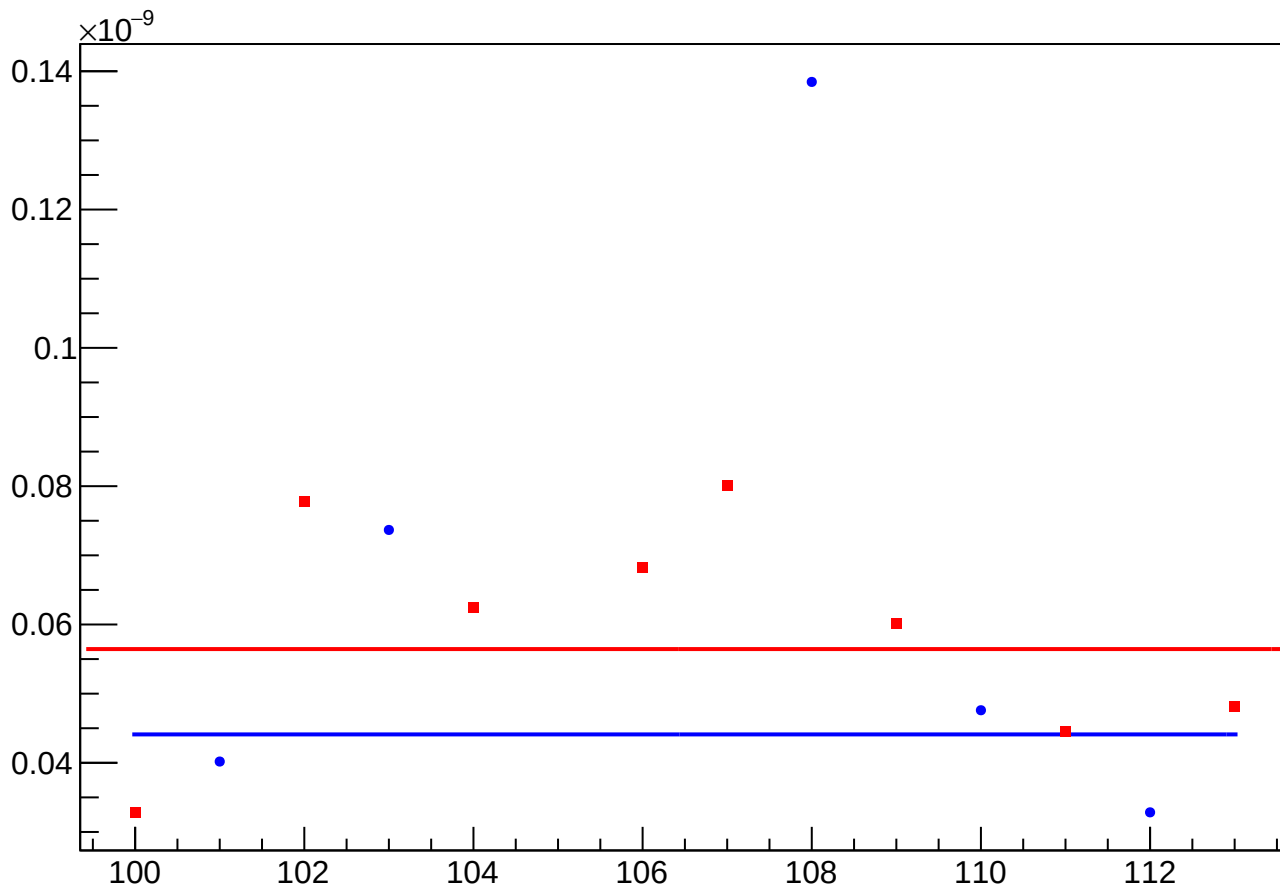
Right: -0.000+/-0.000 χ^2/NDF : 10.0/12

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 : 10.0/12

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 : 200505.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

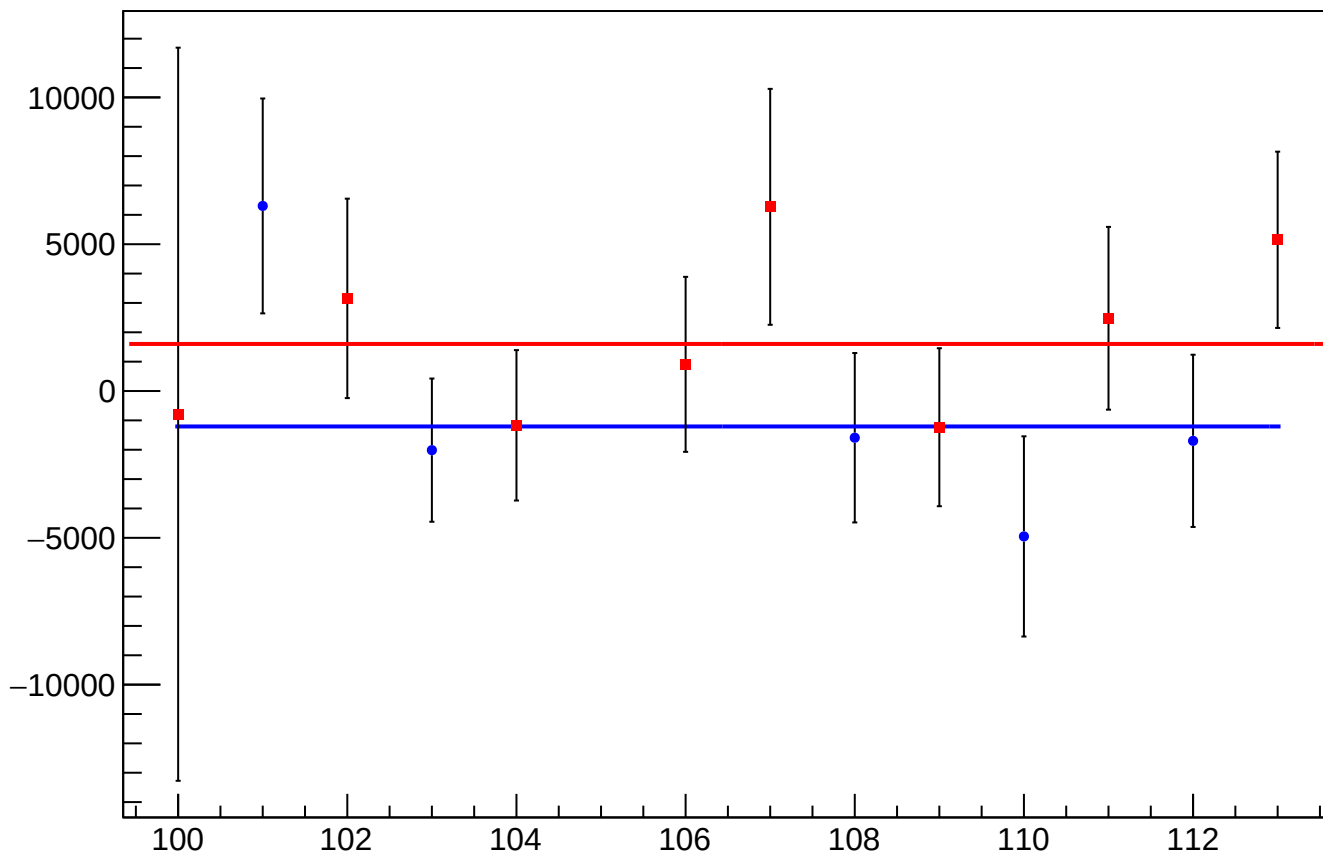
Right: 0.000+/-0.000 χ^2/NDF : 793414.1/12

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 : 793414.1/12

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: 1602.983+/-1137.776 χ^2/NDF : 5.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

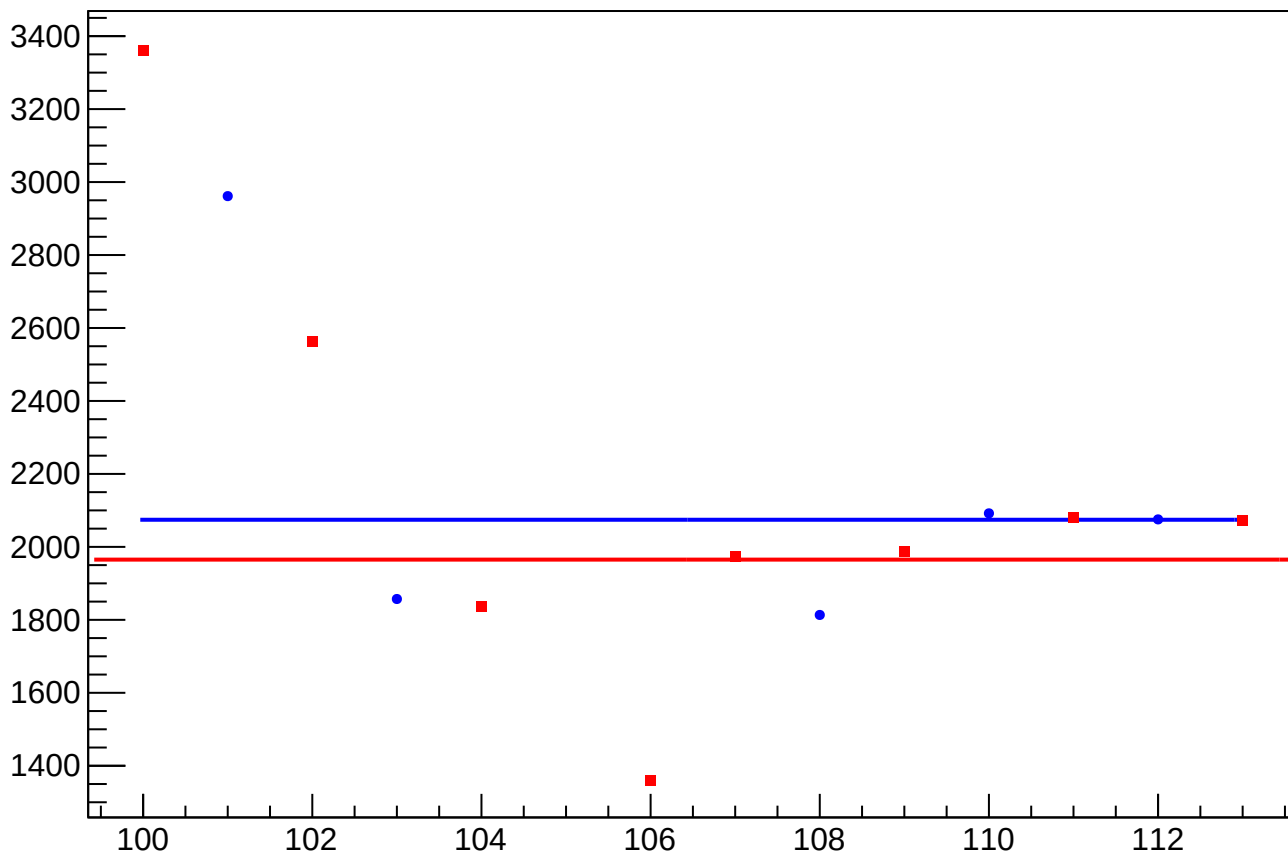
Right: 415.595+/-864.590 χ^2/NDF : 13.6/12

In: -1207.006+/-1330.045 χ^2/NDF : 5.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 415.595+/-864.590 χ^2/NDF : 13.6/12

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: 1965.095+/-0.805 χ^2/NDF : 179429.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

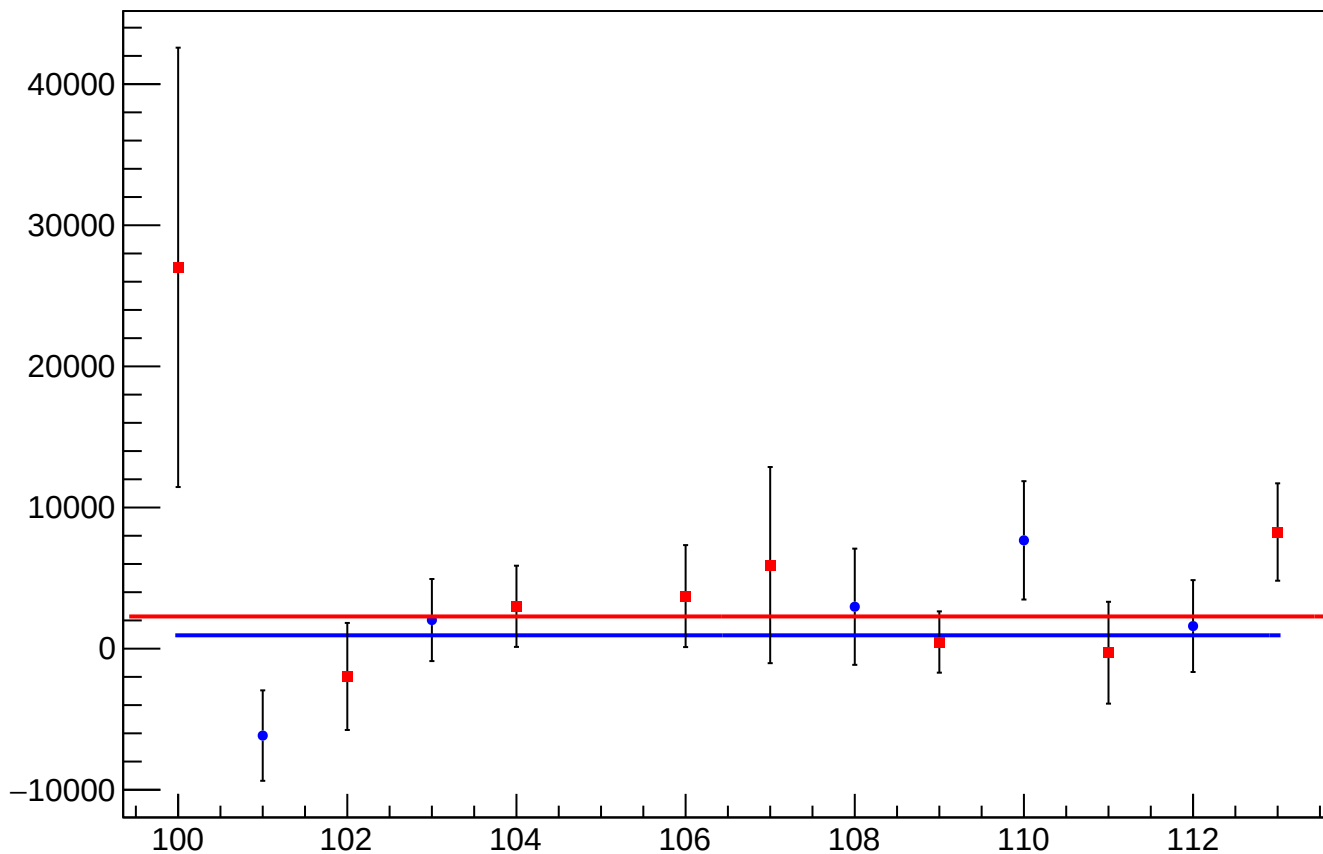
Right: 2011.262+/-0.611 χ^2/NDF : 337036.8/12

In: 2074.352+/-0.940 χ^2/NDF : 149814.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2011.262+/-0.611 χ^2/NDF : 337036.8/12

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: 2281.987+/-1226.643 χ^2/NDF : 8.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

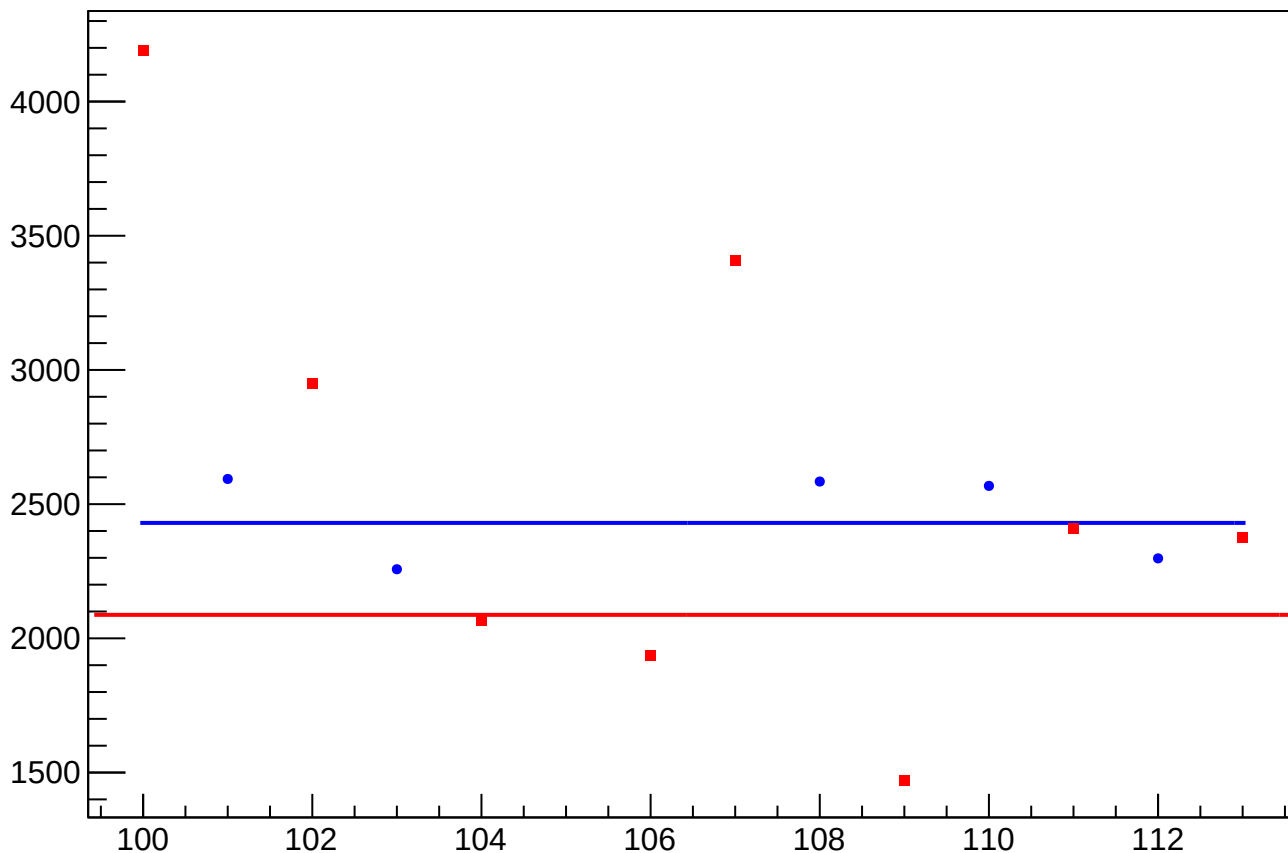
Right: 1759.815+/-957.589 χ^2/NDF : 16.9/12

In: 945.047+/-1532.246 χ^2/NDF : 7.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1759.815+/-957.589 χ^2/NDF : 16.9/12

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: 2087.502+/-0.867 χ^2/NDF : 406915.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

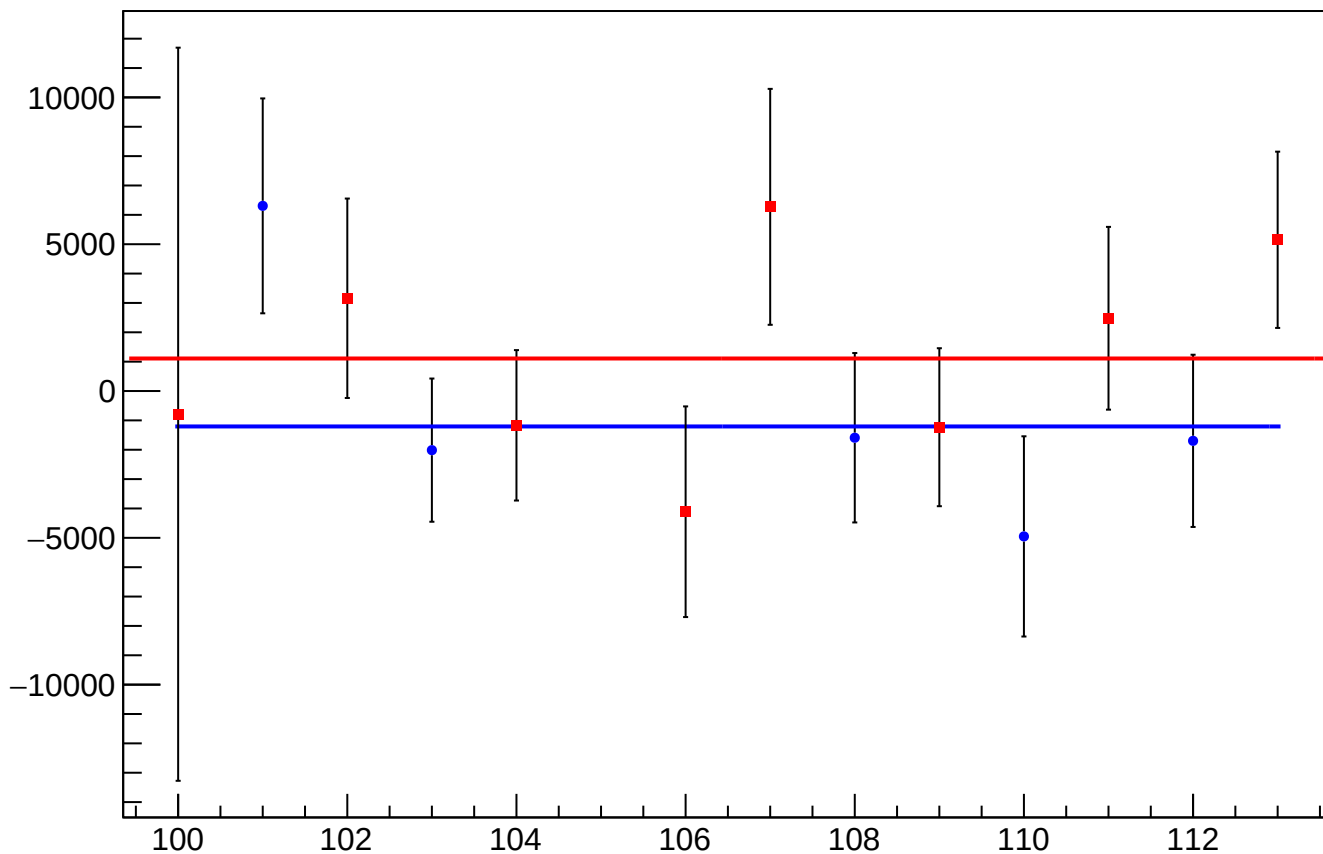
Right: 2221.321+/-0.677 χ^2/NDF : 488393.6/12

In: 2430.125+/-1.083 χ^2/NDF : 20534.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2221.321+/-0.677 χ^2/NDF : 488393.6/12

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: 1107.632+/-1164.386 χ^2/NDF : 7.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

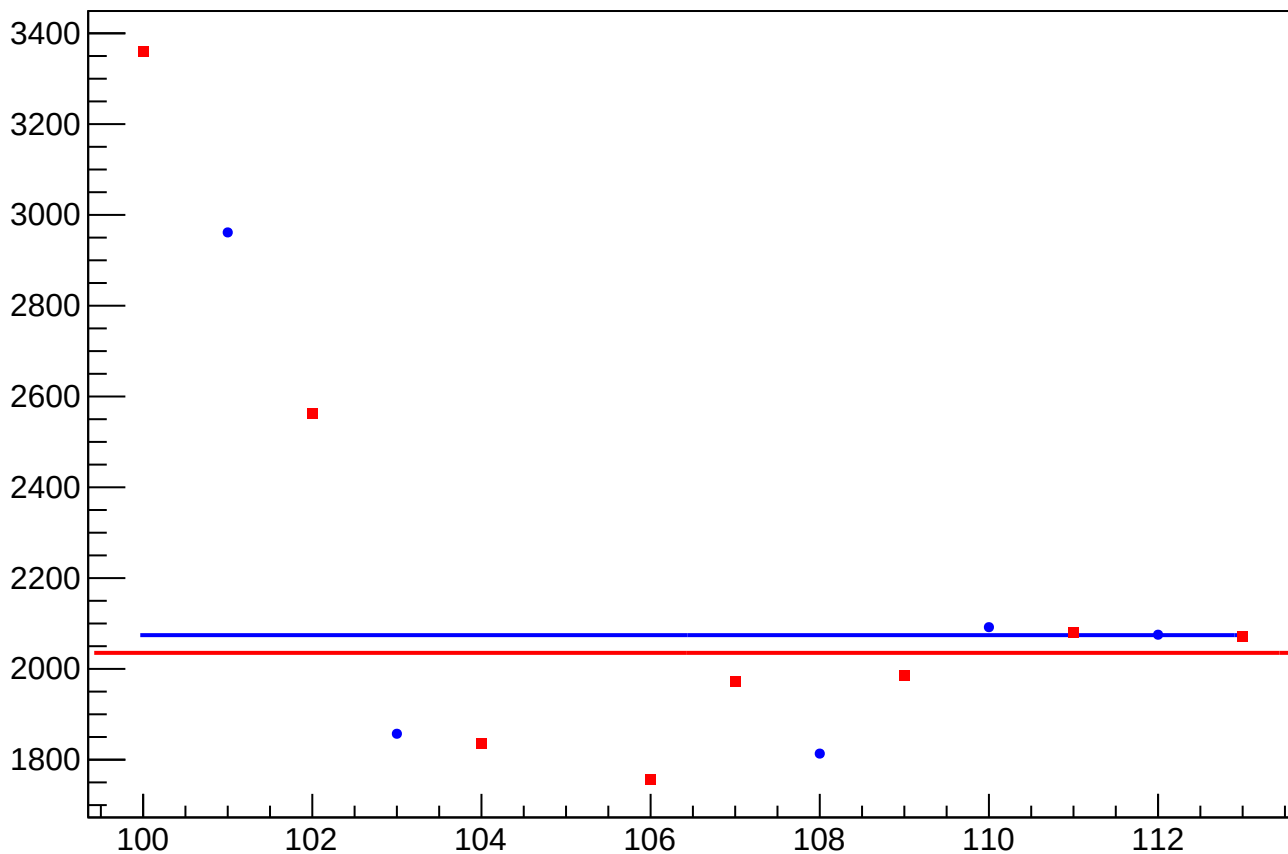
Right: 103.542+/-876.095 χ^2/NDF : 15.0/12

In: -1206.579+/-1330.045 χ^2/NDF : 5.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.542+/-876.095 χ^2/NDF : 15.0/12

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: 2035.324+/-0.823 χ^2/NDF : 96719.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

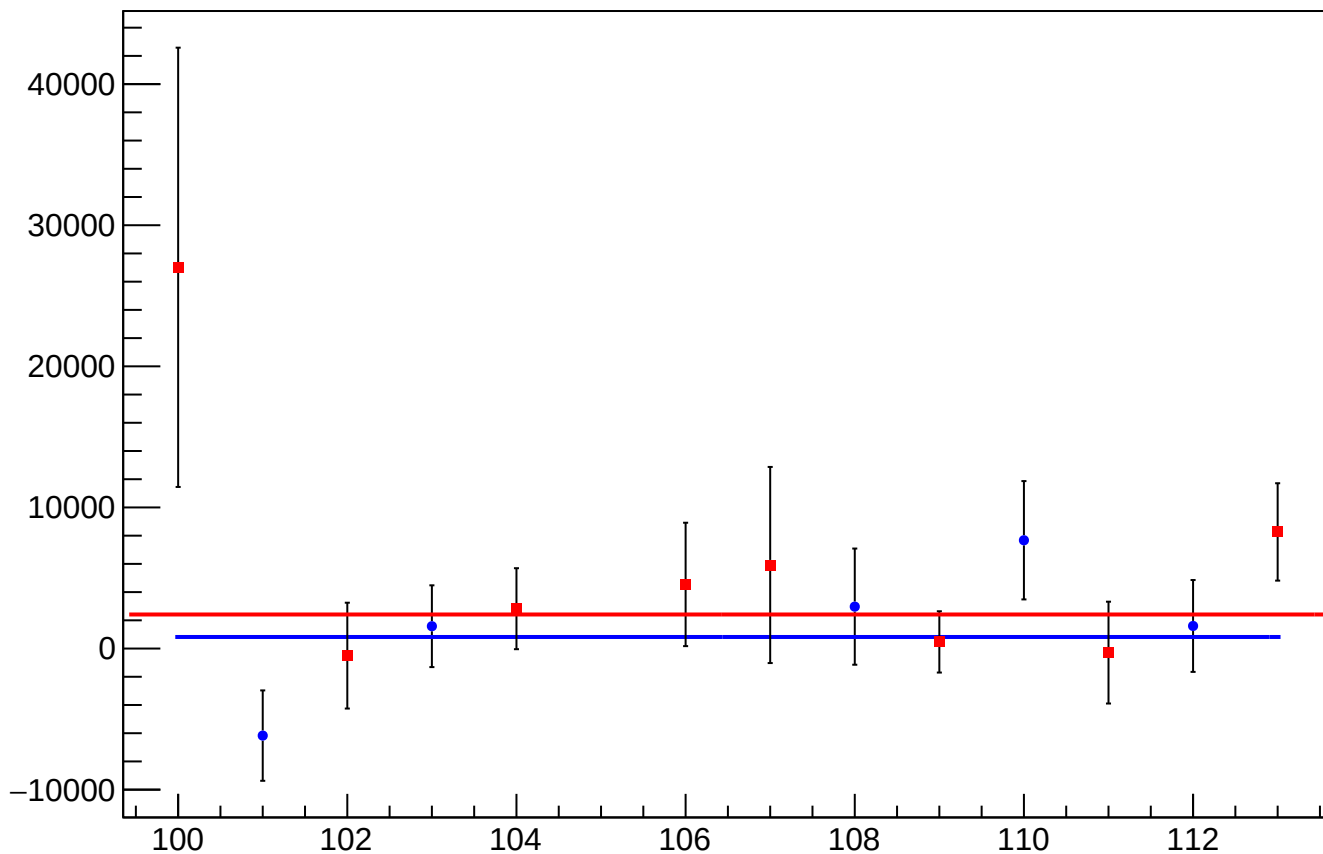
Right: 2052.257+/-0.619 χ^2/NDF : 247509.8/12

In: 2074.351+/-0.940 χ^2/NDF : 149815.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2052.257+/-0.619 χ^2/NDF : 247509.8/12

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: 2413.710+/-1247.609 χ^2/NDF : 7.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

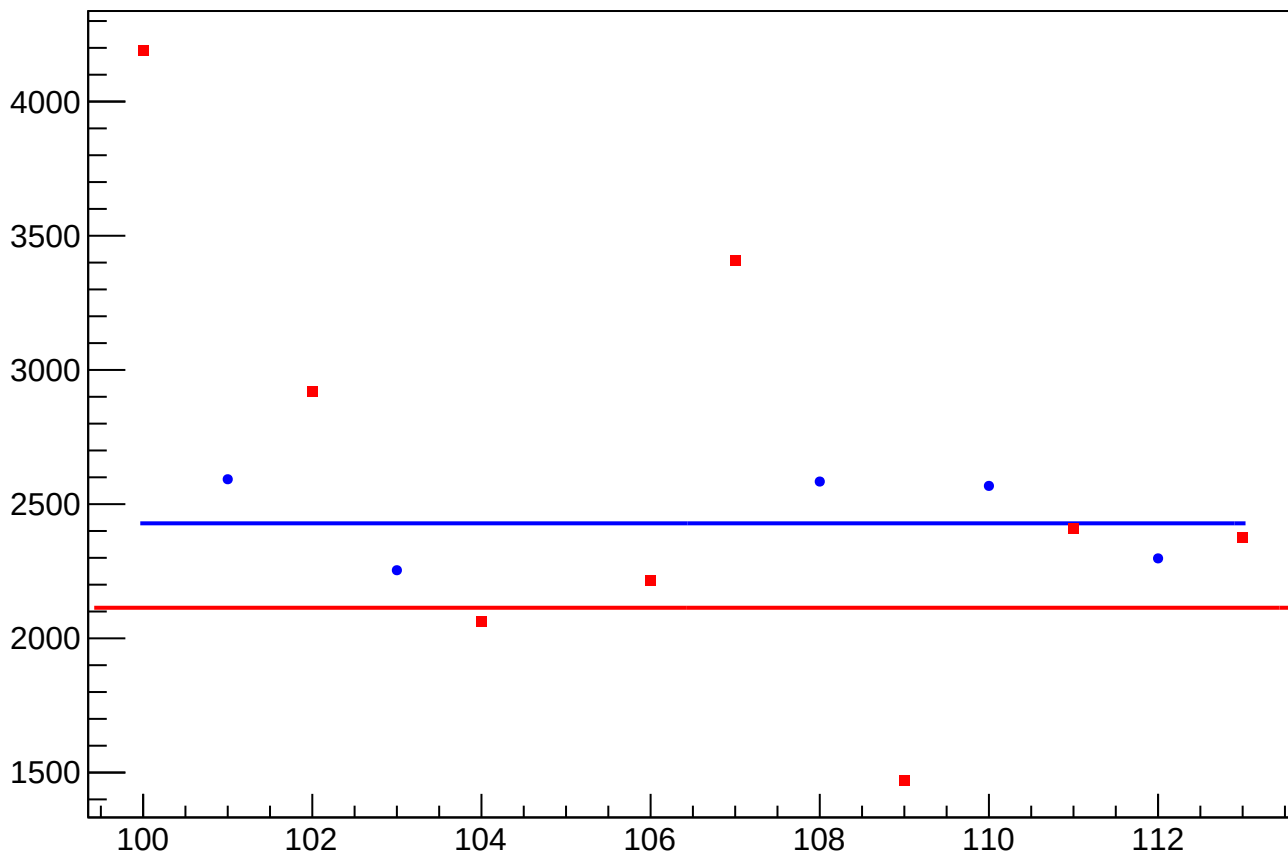
Right: 1777.382+/-967.048 χ^2/NDF : 16.3/12

In: 819.654+/-1530.592 χ^2/NDF : 7.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1777.382+/-967.048 χ^2/NDF : 16.3/12

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: 2113.984+/-0.882 χ^2/NDF : 399557.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

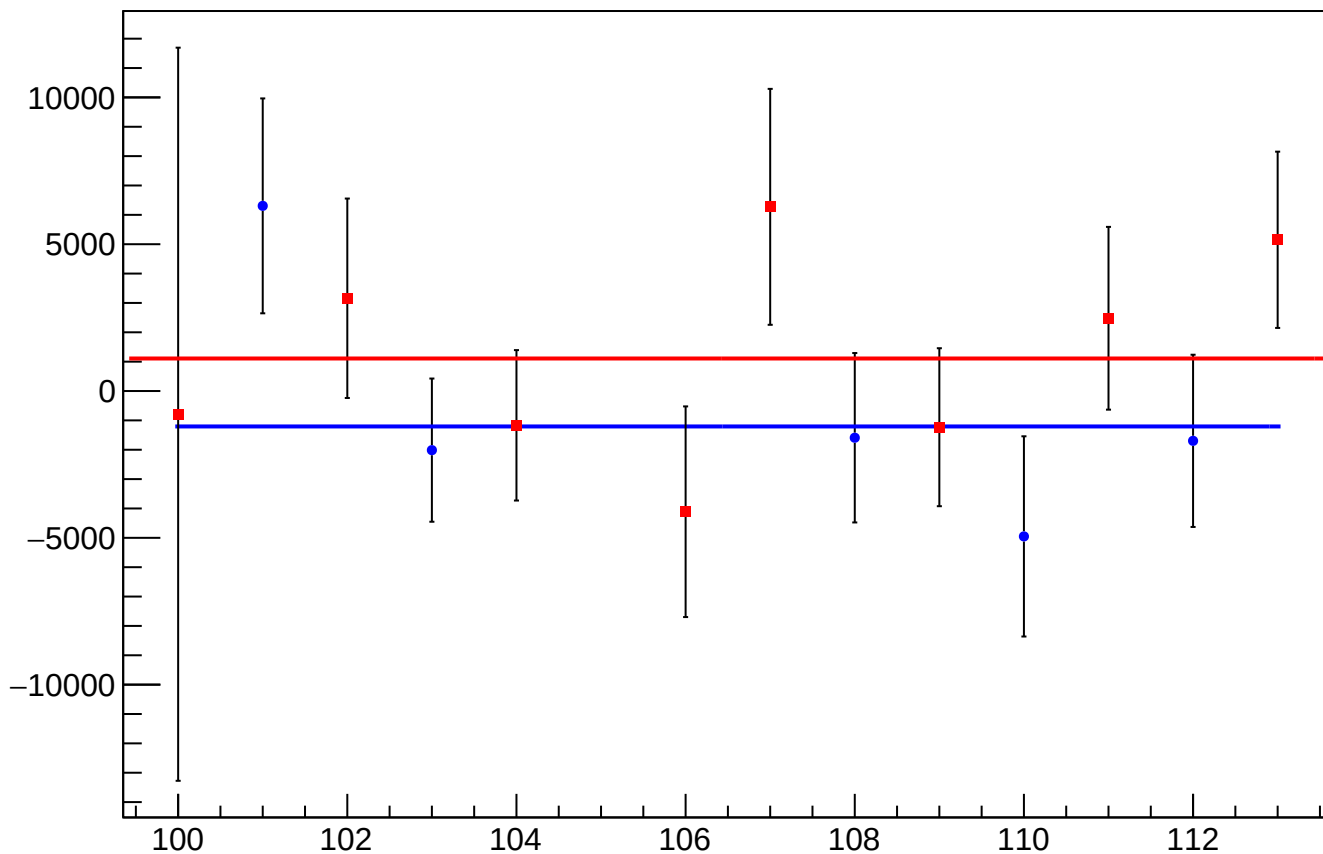
Right: 2239.554+/-0.684 χ^2/NDF : 471134.5/12

In: 2428.546+/-1.082 χ^2/NDF : 20824.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2239.554+/-0.684 χ^2/NDF : 471134.5/12

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: 1107.632+/-1164.386 χ^2/NDF : 7.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

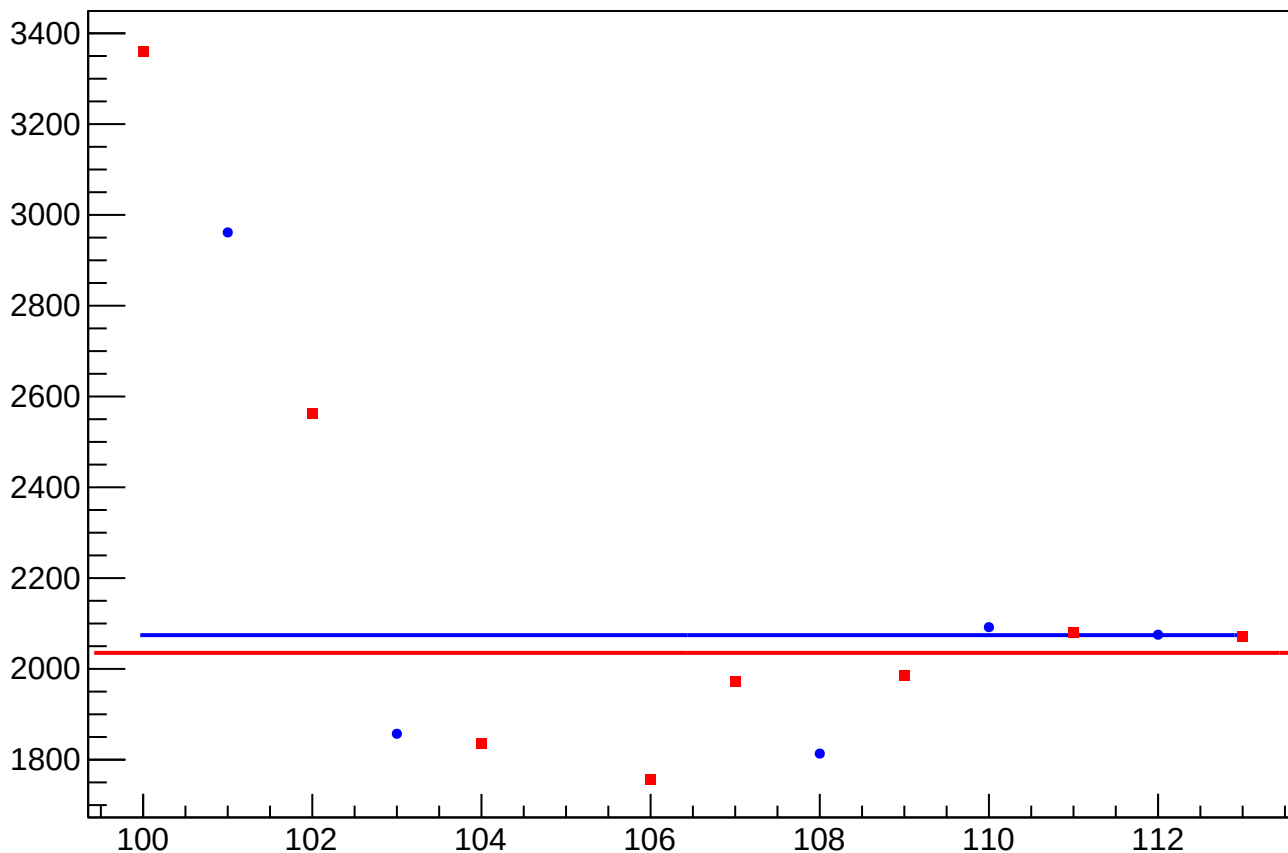
Right: 103.542+/-876.095 χ^2/NDF : 15.0/12

In: -1206.579+/-1330.045 χ^2/NDF : 5.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.542+/-876.095 χ^2/NDF : 15.0/12

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: 2035.324+/-0.823 χ^2/NDF : 96719.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

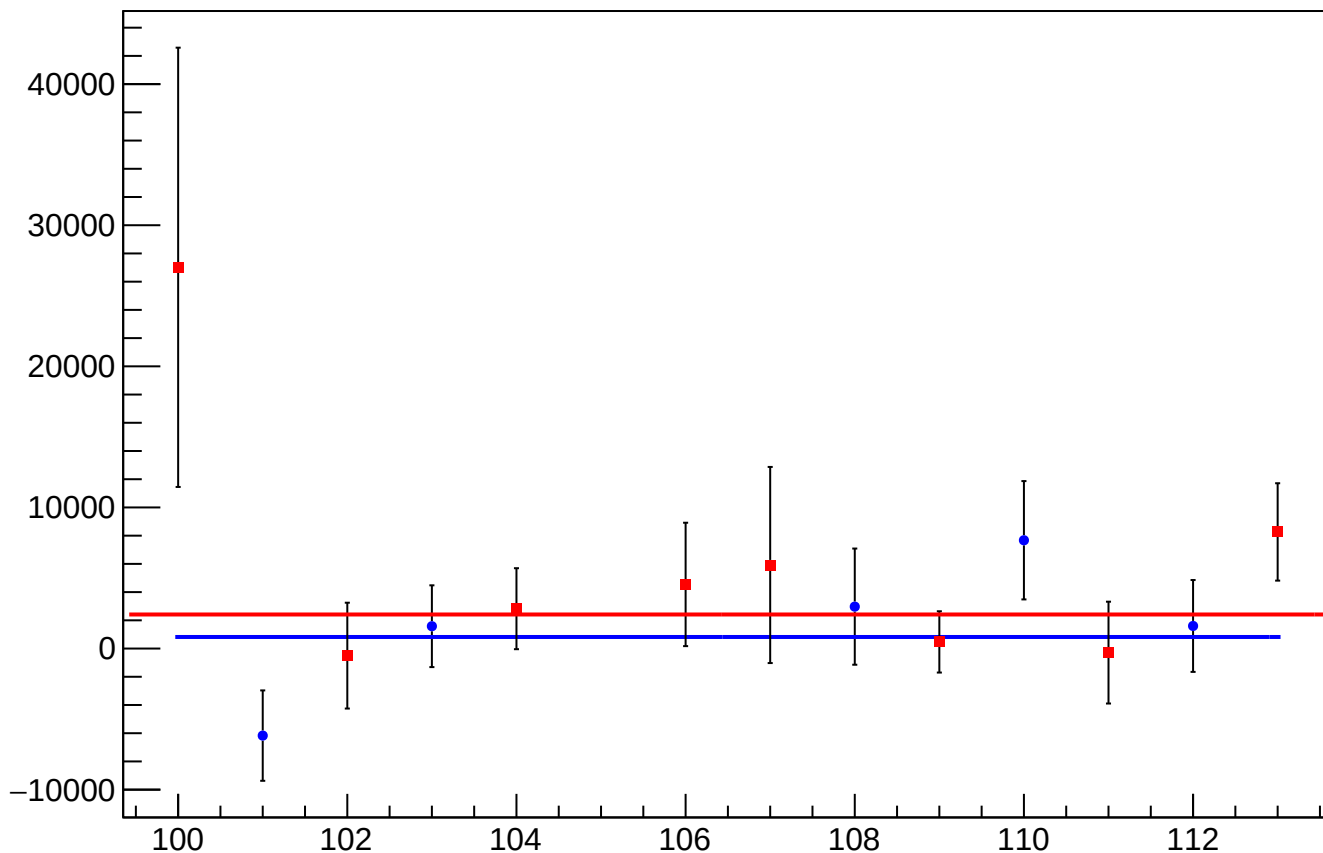
Right: 2052.257+/-0.619 χ^2/NDF : 247509.8/12

In: 2074.351+/-0.940 χ^2/NDF : 149815.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2052.257+/-0.619 χ^2/NDF : 247509.8/12

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: 2413.710+/-1247.609 χ^2/NDF : 7.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

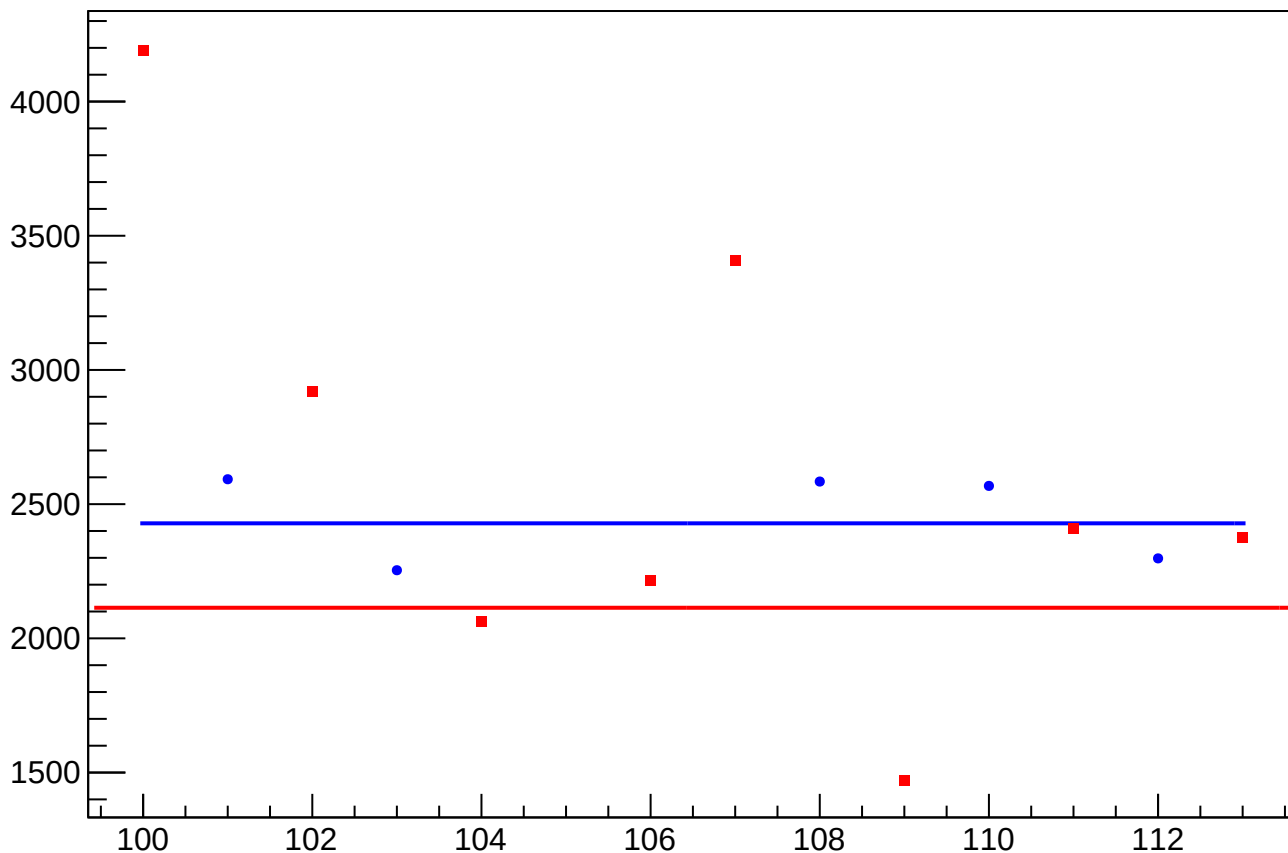
Right: 1777.382+/-967.048 χ^2/NDF : 16.3/12

In: 819.654+/-1530.592 χ^2/NDF : 7.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1777.382+/-967.048 χ^2/NDF : 16.3/12

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: 2113.984+/-0.882 χ^2/NDF : 399557.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

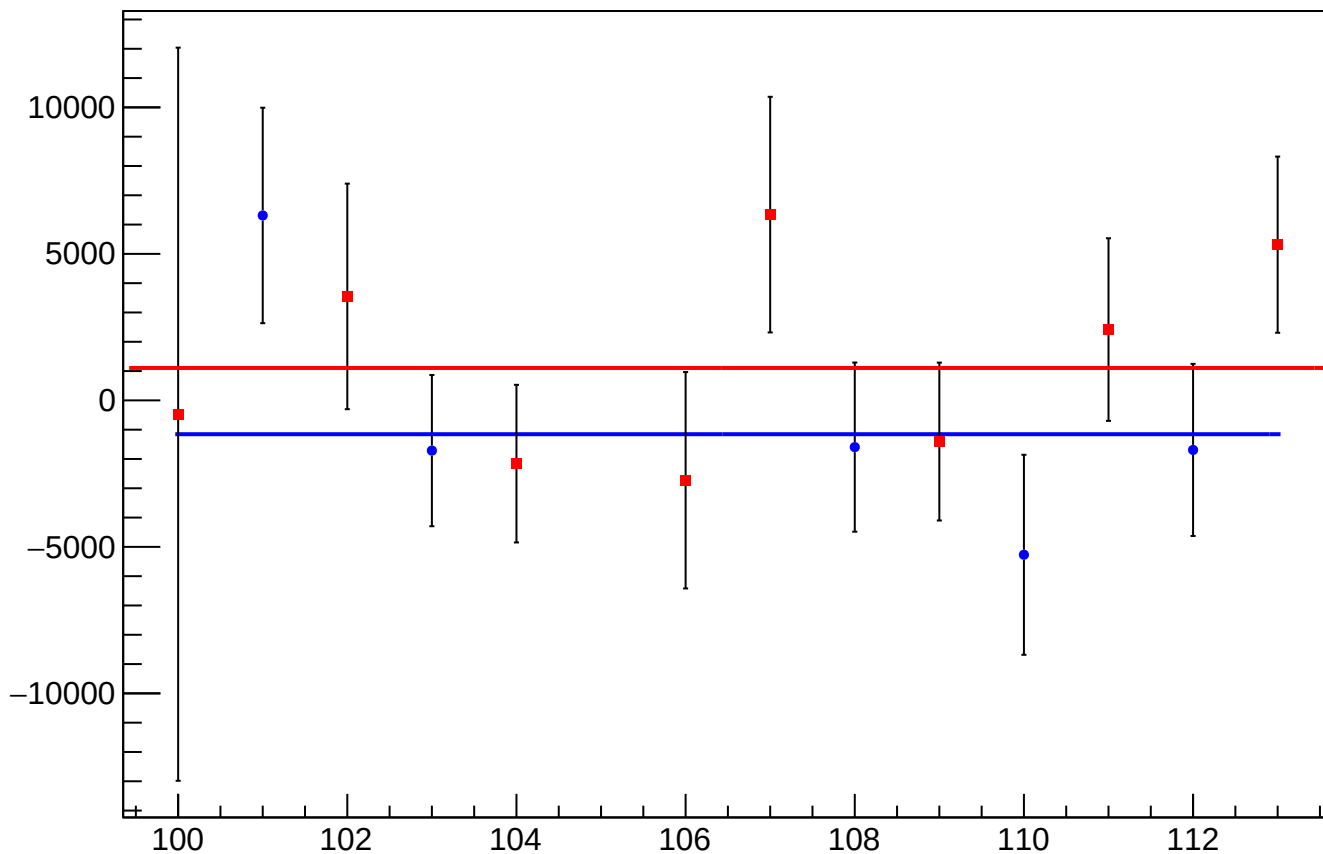
Right: 2239.554+/-0.684 χ^2/NDF : 471134.5/12

In: 2428.546+/-1.082 χ^2/NDF : 20824.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2239.554+/-0.684 χ^2/NDF : 471134.5/12

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: 1106.926+/-1196.359 χ^2/NDF : 7.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

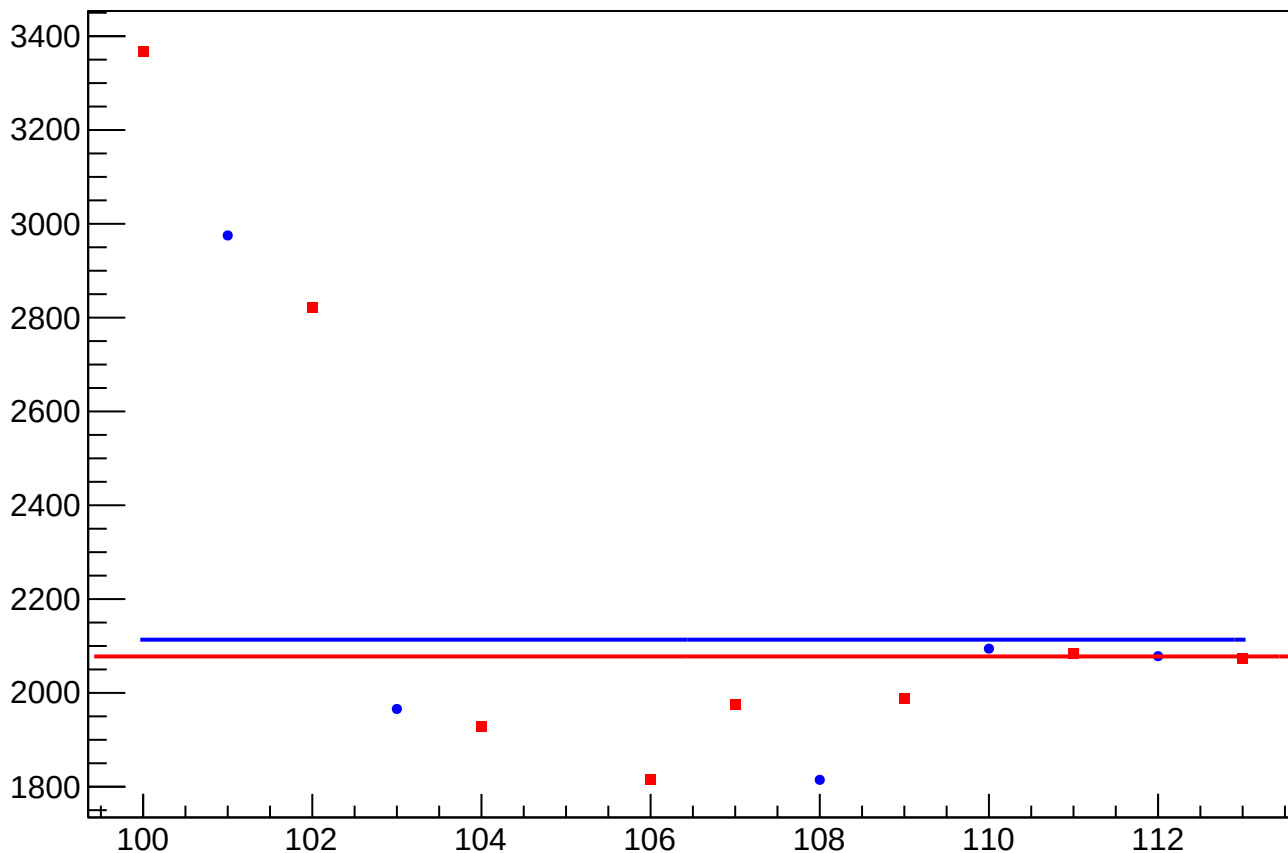
Right: 114.954+/-896.389 χ^2/NDF : 14.9/12

In: -1154.734+/-1353.507 χ^2/NDF : 5.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.954+/-896.389 χ^2/NDF : 14.9/12

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: 2077.718+/-0.846 χ^2/NDF : 115635.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

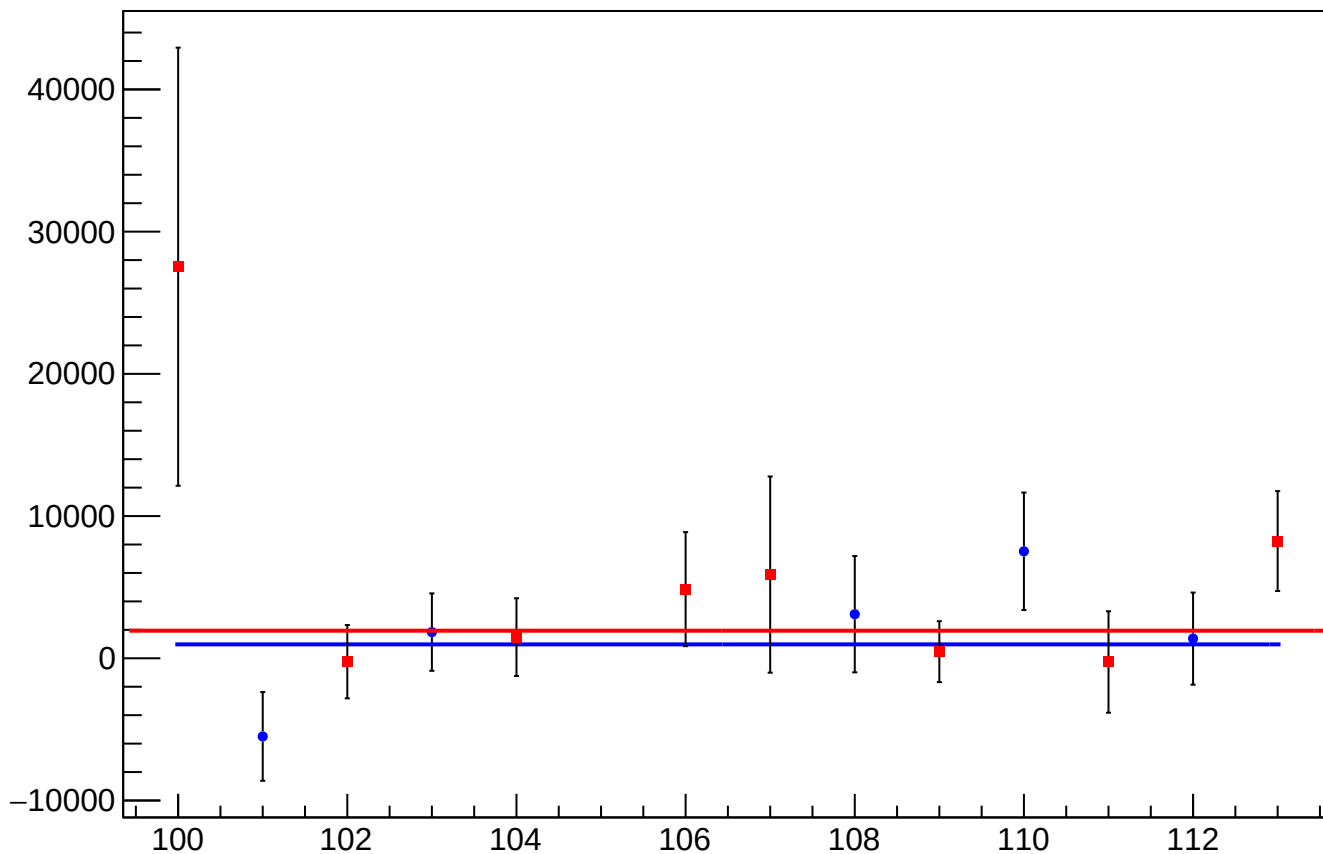
Right: 2093.405+/-0.634 χ^2/NDF : 254605.5/12

In: 2113.484+/-0.957 χ^2/NDF : 138185.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2093.405+/-0.634 χ^2/NDF : 254605.5/12

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: 1941.300+/-1155.113 χ^2/NDF : 8.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

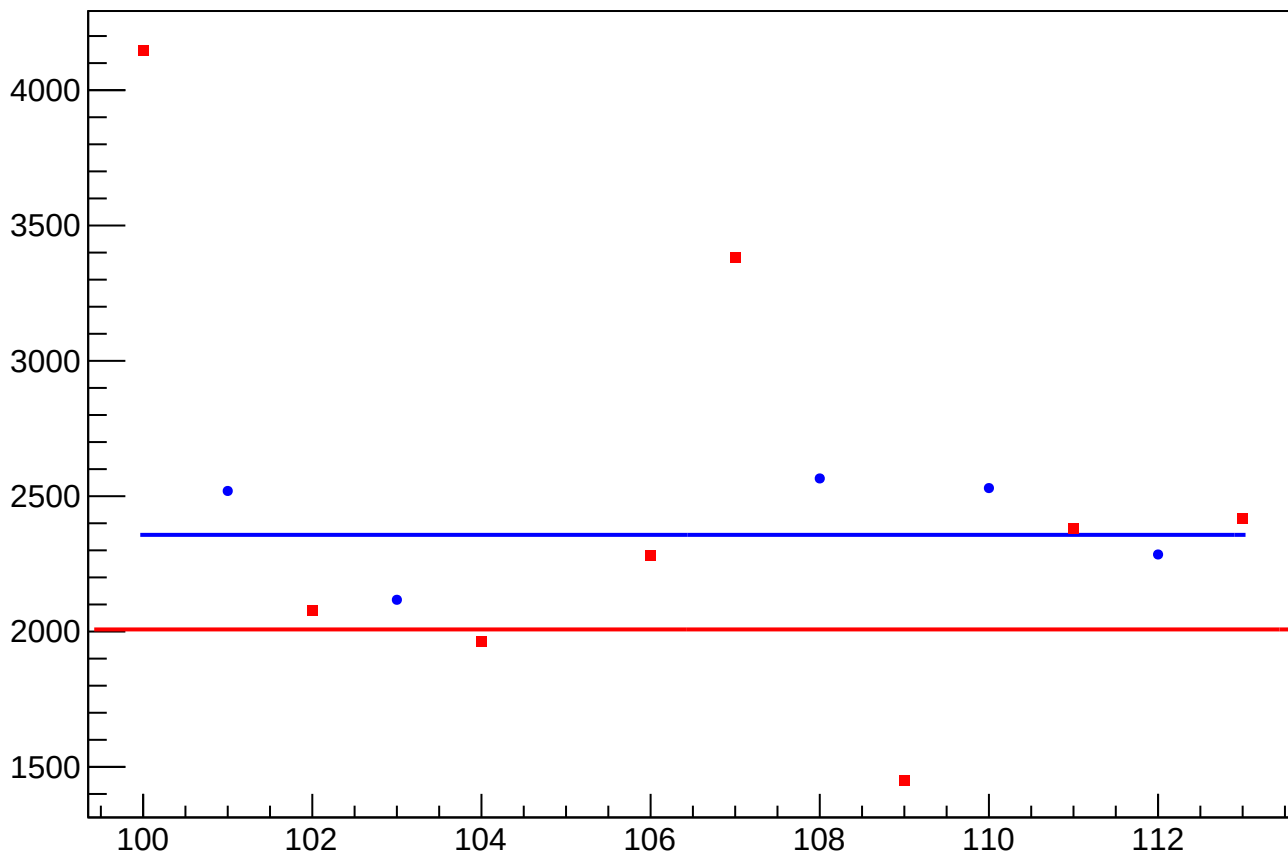
Right: 1579.078+/-912.442 χ^2/NDF : 15.9/12

In: 978.030+/-1487.961 χ^2/NDF : 7.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1579.078+/-912.442 χ^2/NDF : 15.9/12

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: 2007.808+/-0.817 χ^2/NDF : 313652.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

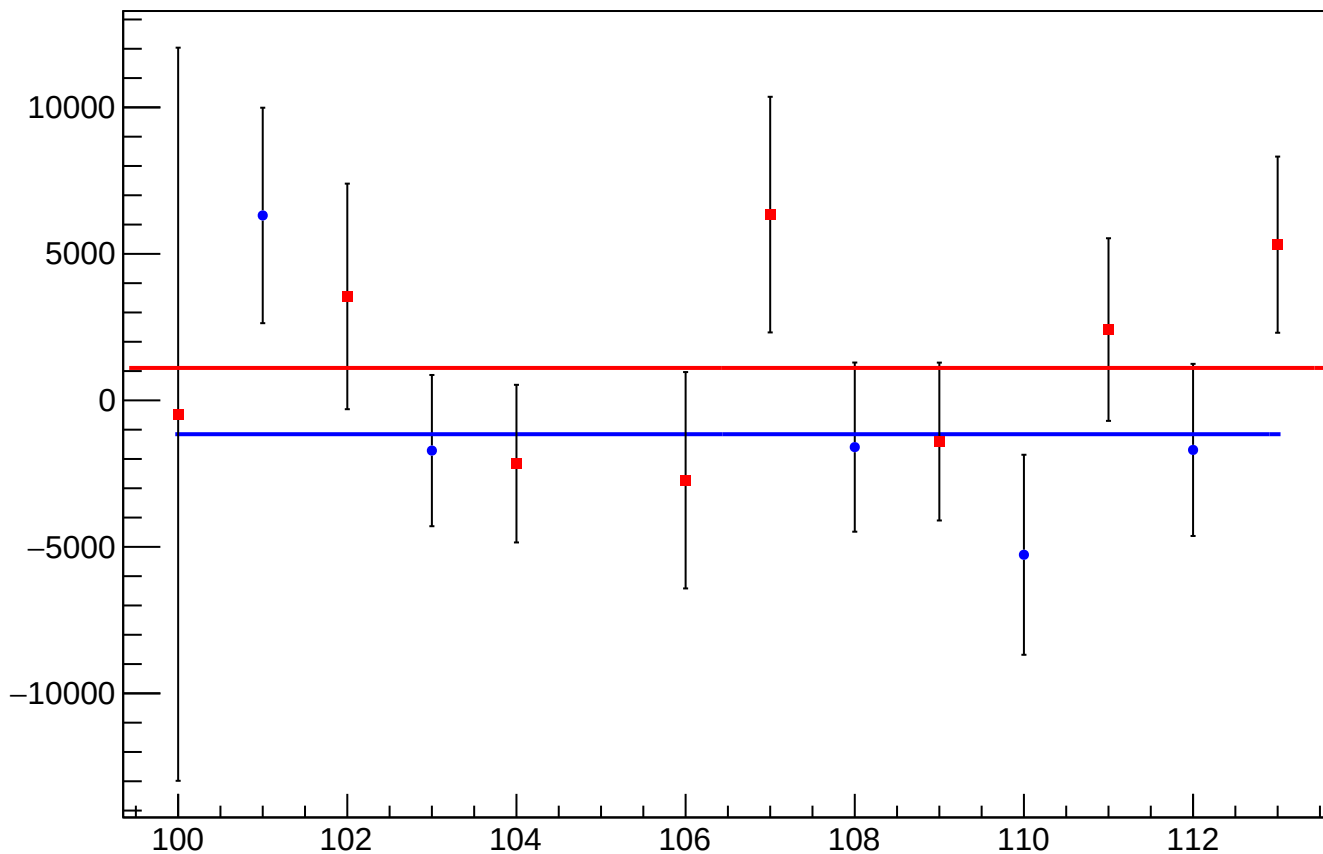
Right: 2139.185+/-0.645 χ^2/NDF : 413099.6/12

In: 2357.185+/-1.052 χ^2/NDF : 30646.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2139.185+/-0.645 χ^2/NDF : 413099.6/12

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: 1106.921+/-1196.359 χ^2/NDF : 7.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

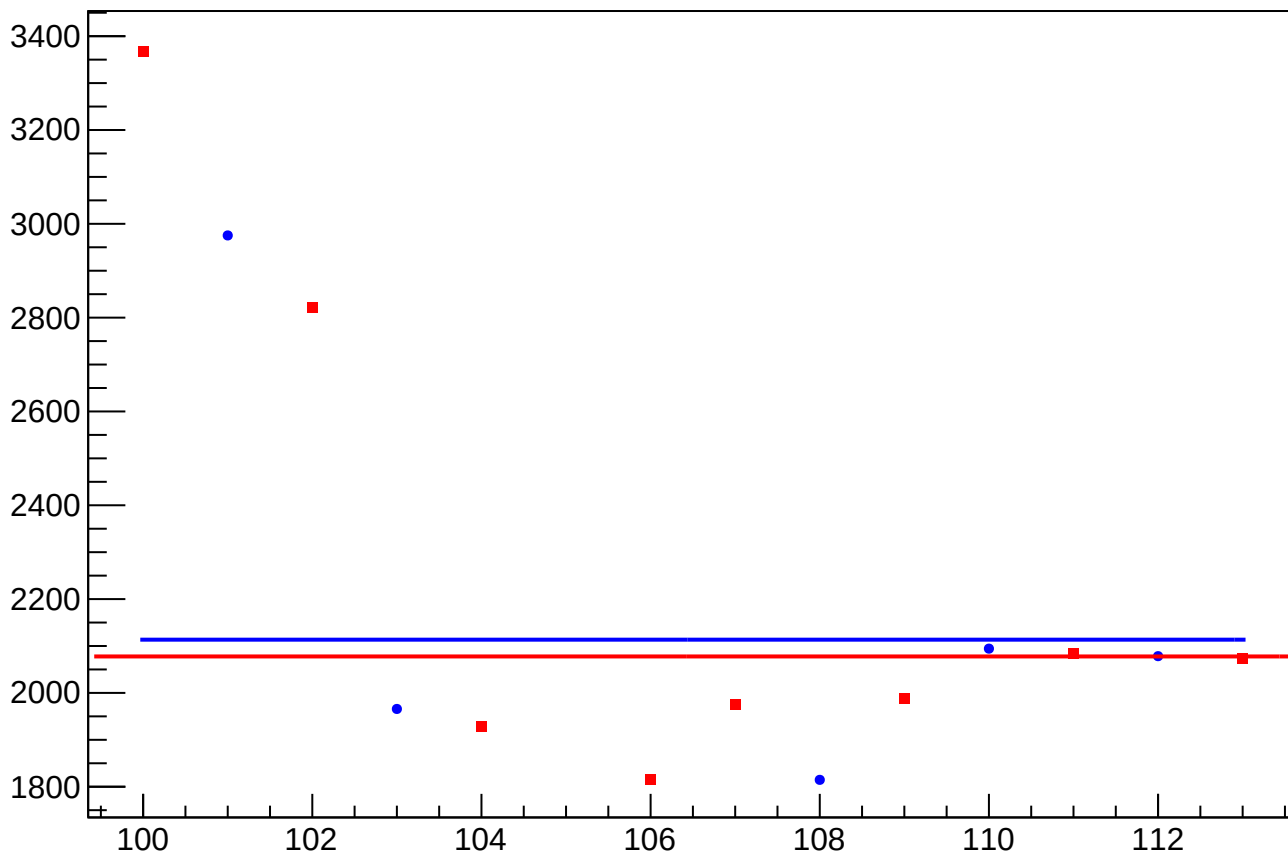
Right: 114.955+/-896.389 χ^2/NDF : 14.9/12

In: -1154.726+/-1353.507 χ^2/NDF : 5.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.955+/-896.389 χ^2/NDF : 14.9/12

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: 2077.718+/-0.846 χ^2/NDF : 115635.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

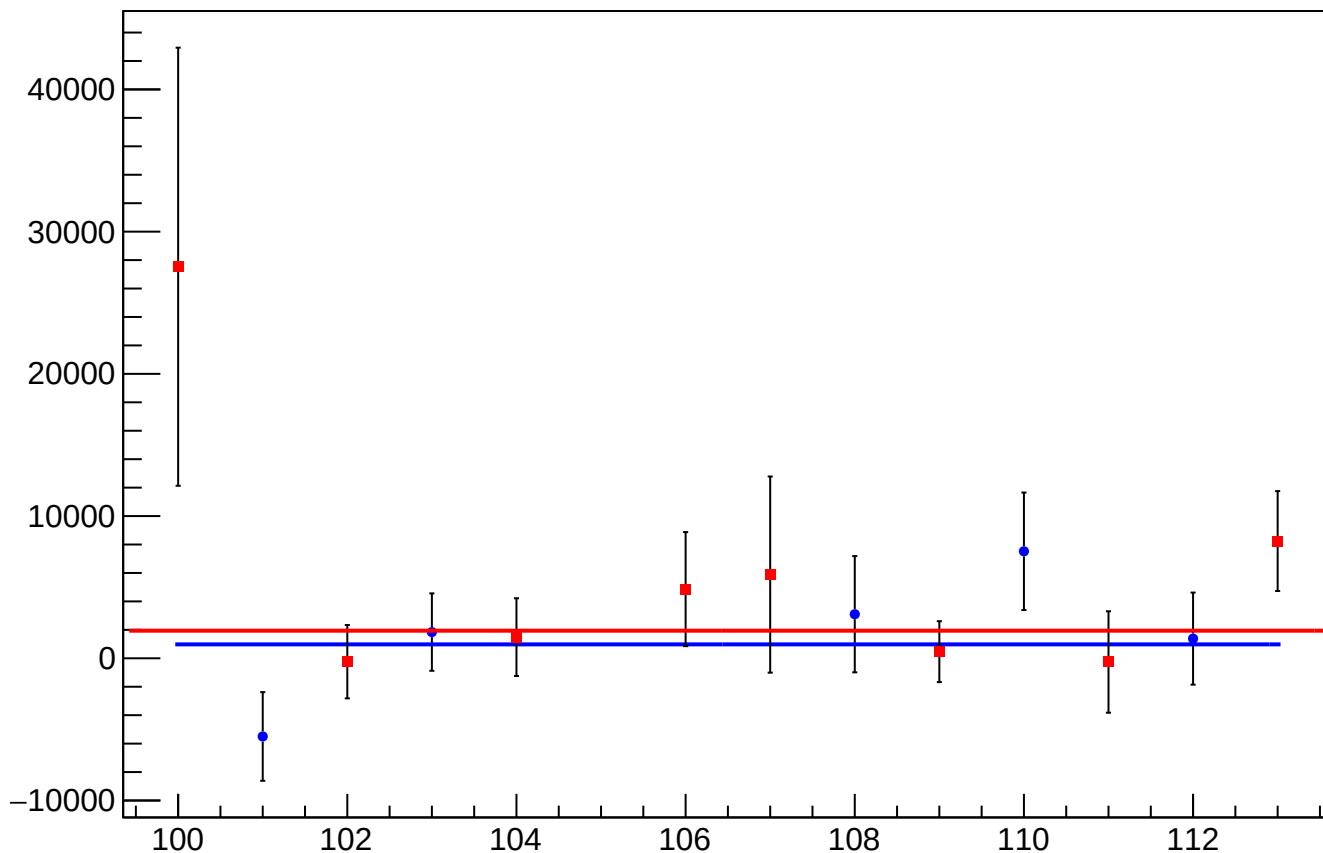
Right: 2093.405+/-0.634 χ^2/NDF : 254605.3/12

In: 2113.484+/-0.957 χ^2/NDF : 138185.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2093.405+/-0.634 χ^2/NDF : 254605.3/12

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: 1941.307+/-1155.115 χ^2/NDF : 8.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

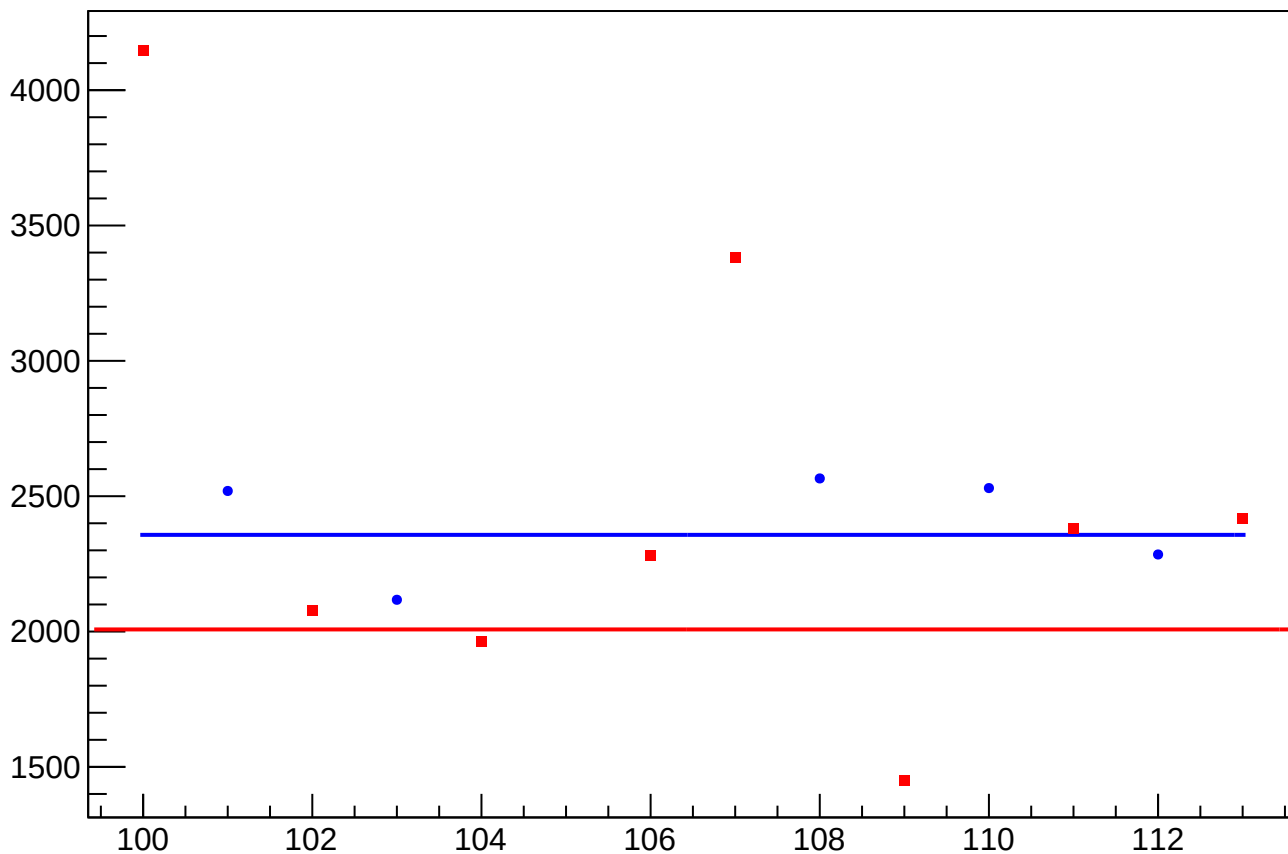
Right: 1579.079+/-912.442 χ^2/NDF : 15.9/12

In: 978.027+/-1487.958 χ^2/NDF : 7.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1579.079+/-912.442 χ^2/NDF : 15.9/12

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: 2007.813+/-0.817 χ^2/NDF : 313642.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

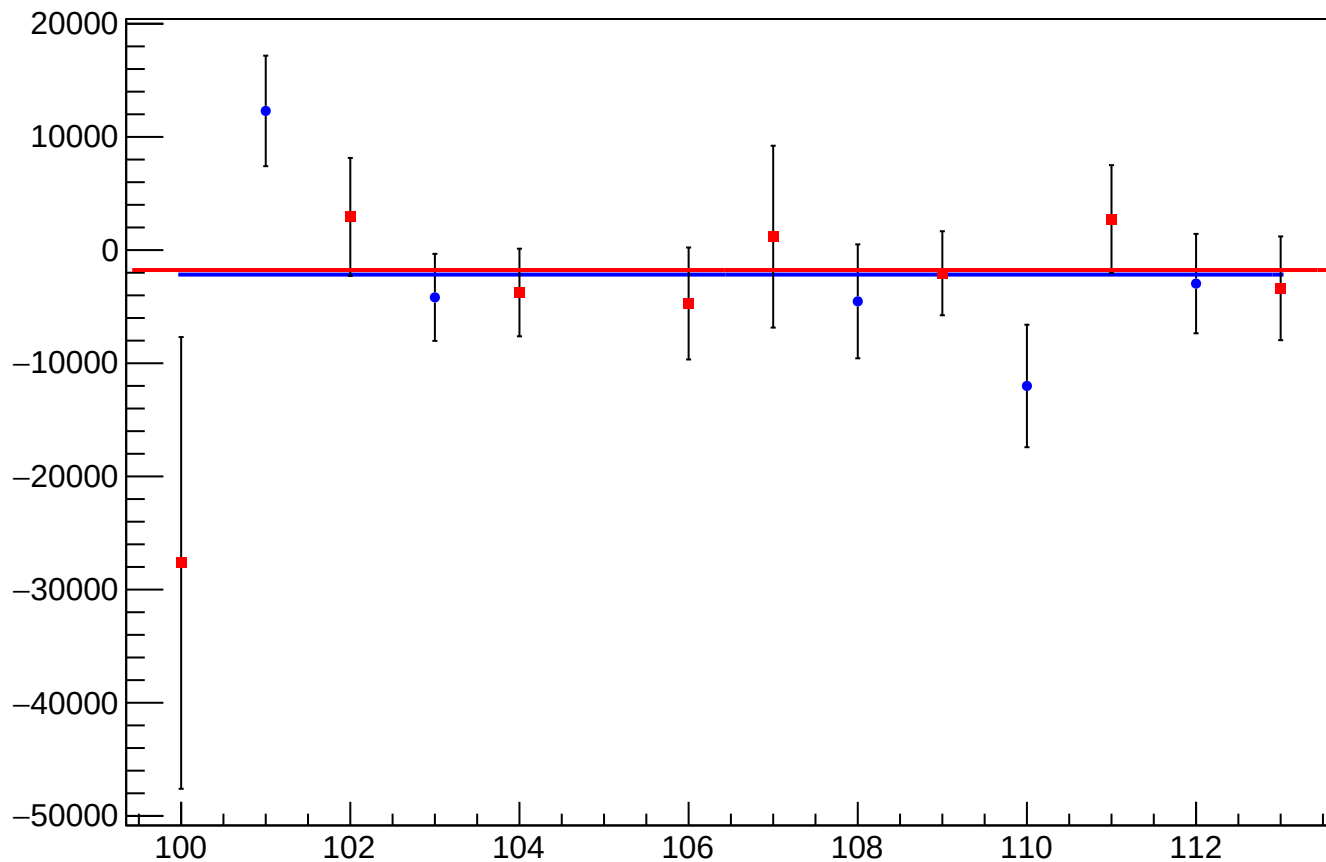
Right: 2139.188+/-0.645 χ^2/NDF : 413084.1/12

In: 2357.181+/-1.052 χ^2/NDF : 30643.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2139.188+/-0.645 χ^2/NDF : 413084.1/12

asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -2164.338 $\pm$ 2062.863 χ^2 /NDF: 12.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1760.724 $\pm$ 1750.036 χ^2 /NDF: 4.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

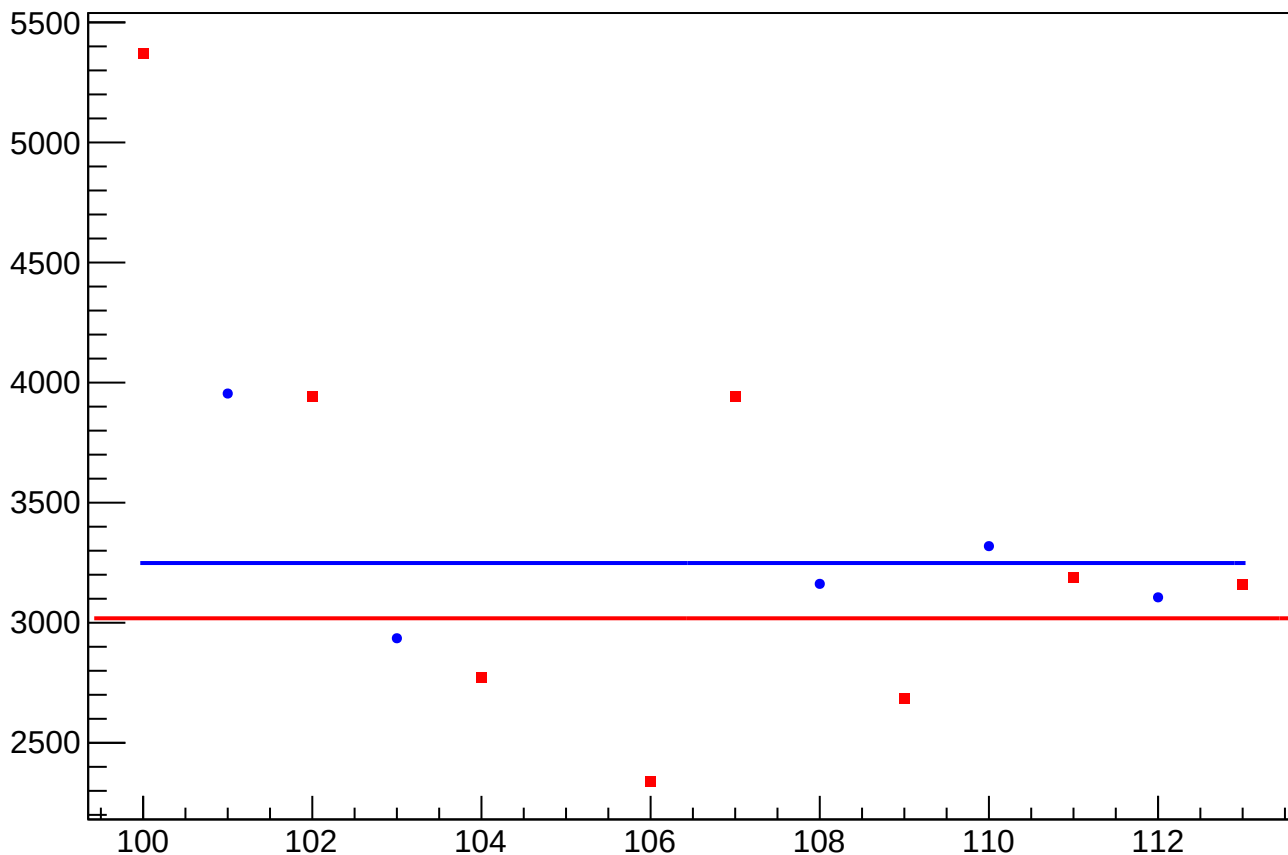
Right: -1929.638 $\pm$ 1334.505 χ^2 /NDF: 16.9/12

In: -2164.338 $\pm$ 2062.863 χ^2 /NDF: 12.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1929.638 $\pm$ 1334.505 χ^2 /NDF: 16.9/12

asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3248.672 $\pm$ 1.459 χ^2 /NDF: 58104.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3018.573 $\pm$ 1.237 χ^2 /NDF: 183780.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

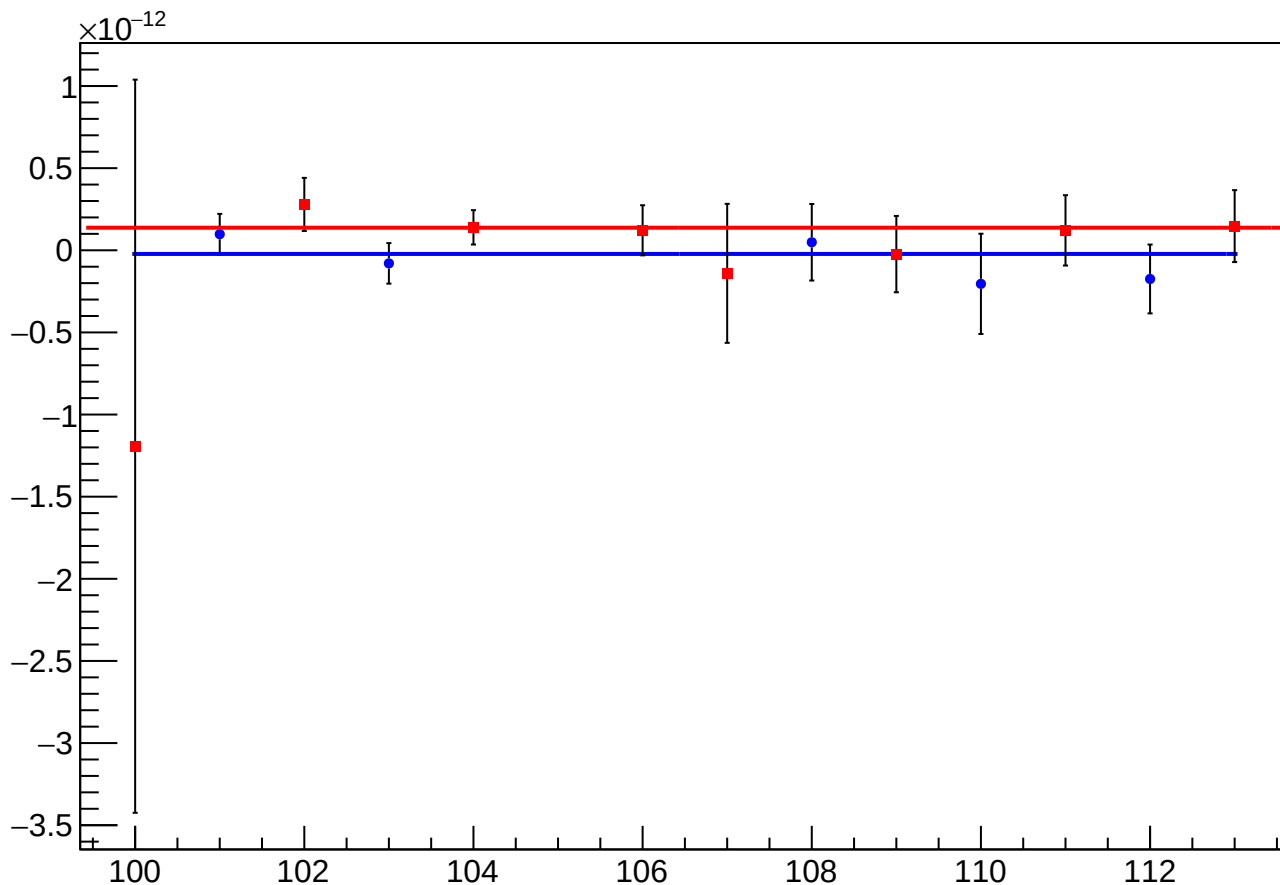
Right: 3114.868 $\pm$ 0.944 χ^2 /NDF: 256355.2/12

In: 3248.672 $\pm$ 1.459 χ^2 /NDF: 58104.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3114.868 $\pm$ 0.944 χ^2 /NDF: 256355.2/12

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 : 2.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

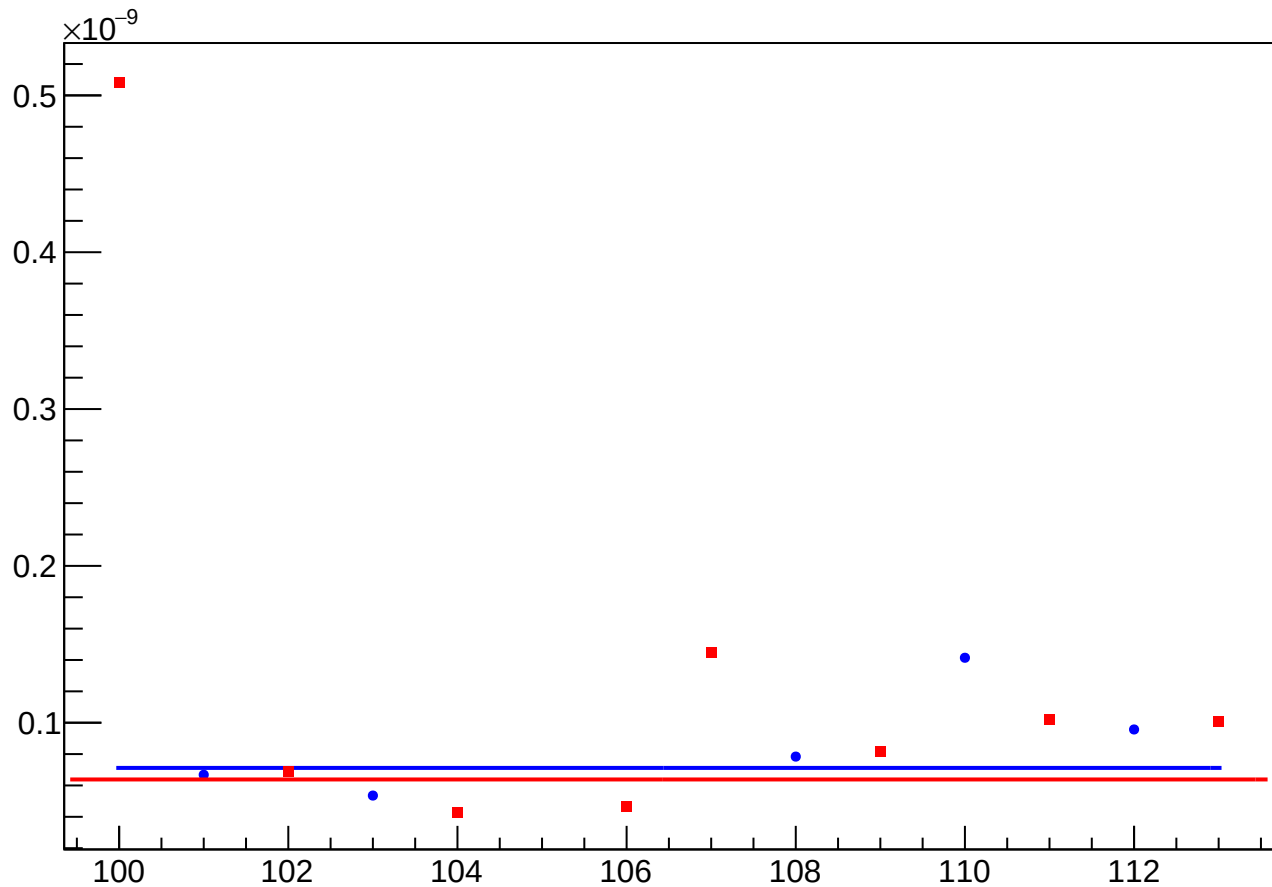
Right: 0.000+/-0.000 χ^2/NDF : 6.8/12

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 : 6.8/12

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 : 394486.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

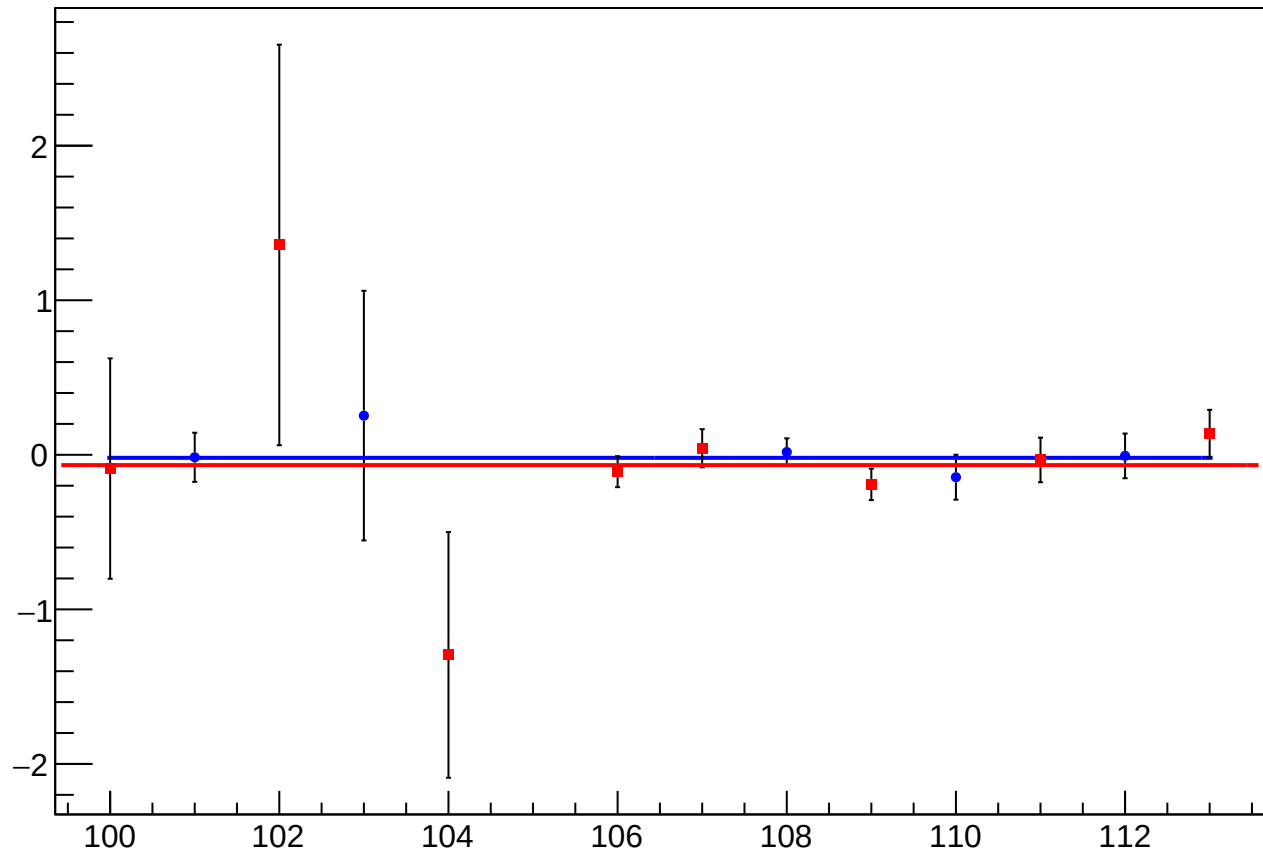
Right: 0.000+/-0.000 χ^2/NDF : 584372.9/12

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 : 584372.9/12

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.062 χ^2/NDF : 1.0/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.067 ± 0.053 χ^2/NDF : 7.9/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

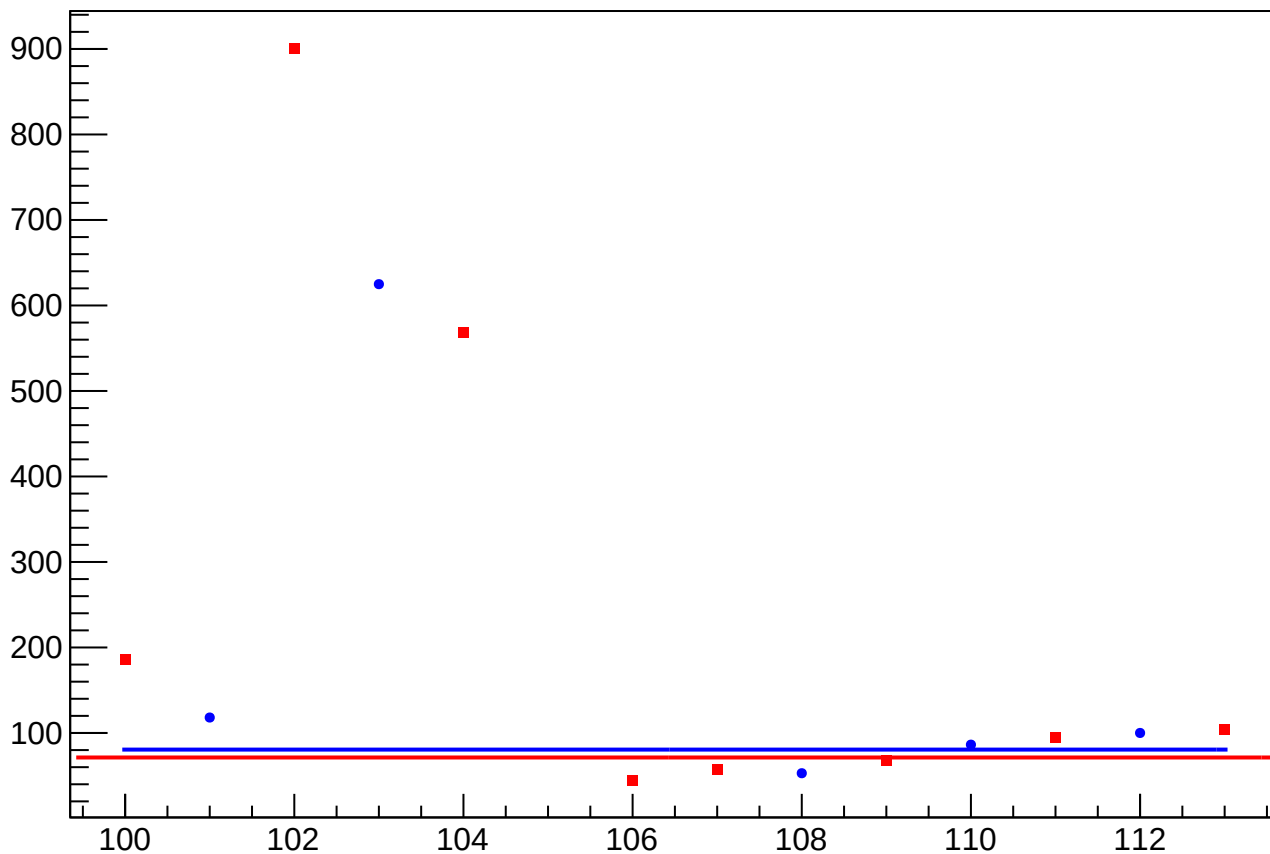
Right: -0.047 ± 0.040 χ^2/NDF : 9.3/12

In: -0.020 ± 0.062 χ^2/NDF : 1.0/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.047 ± 0.040 χ^2/NDF : 9.3/12

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: 71.329+/-0.037 χ^2/NDF : 1976224.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

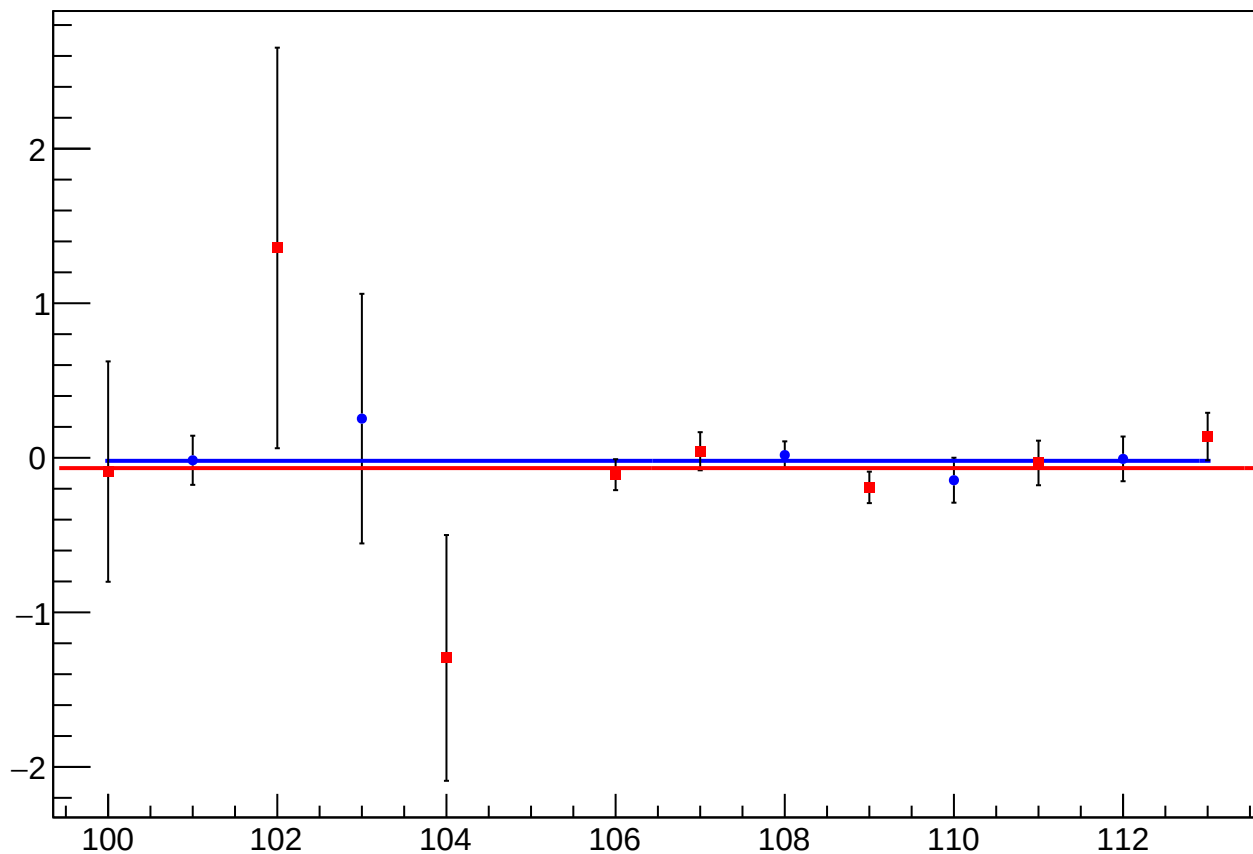
Right: 75.255+/-0.028 χ^2/NDF : 3256427.7/12

In: 80.561+/-0.044 χ^2/NDF : 1254366.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.255+/-0.028 χ^2/NDF : 3256427.7/12

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.062 χ^2/NDF : 1.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.067+/-0.053 χ^2/NDF : 7.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

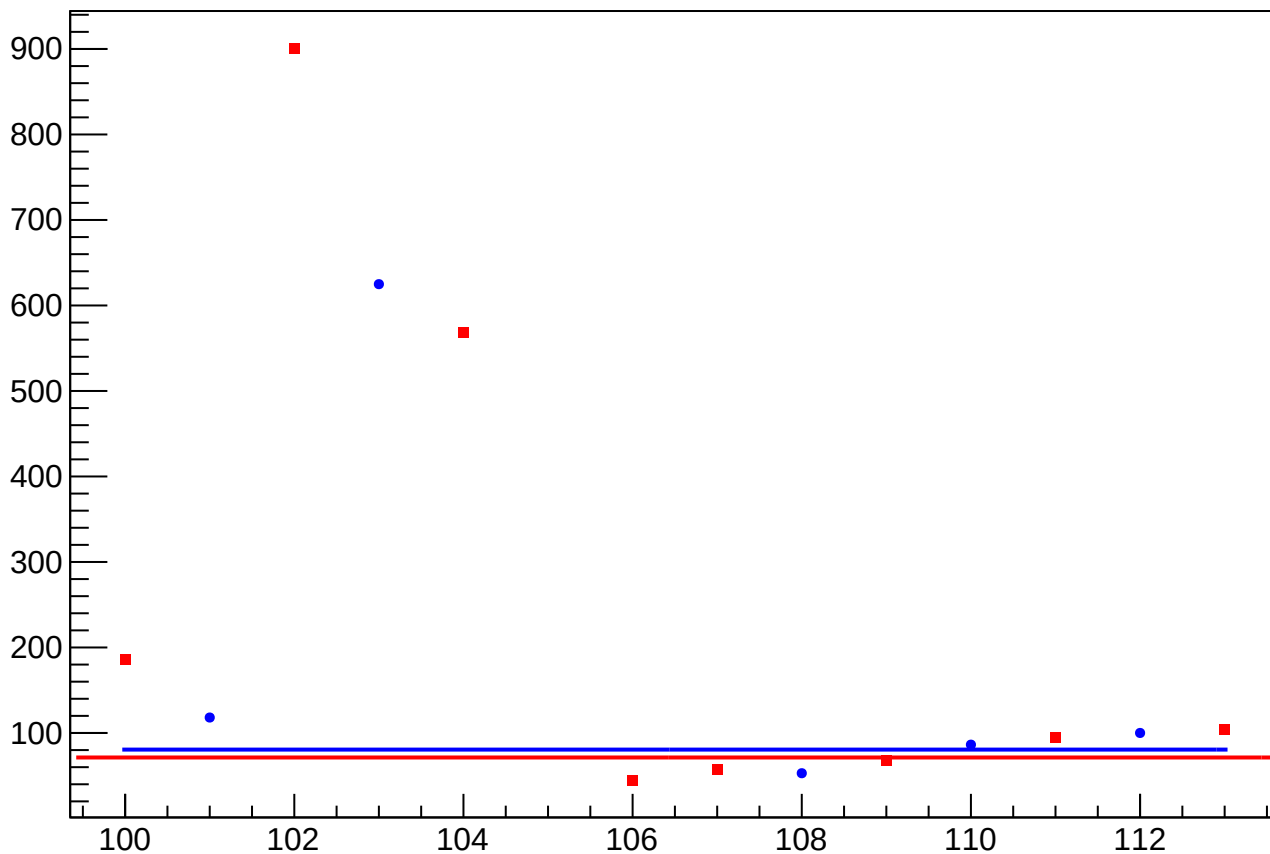
Right: -0.047+/-0.040 χ^2/NDF : 9.3/12

In: -0.020+/-0.062 χ^2/NDF : 1.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.047+/-0.040 χ^2/NDF : 9.3/12

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: 71.329+/-0.037 χ^2/NDF : 1976224.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

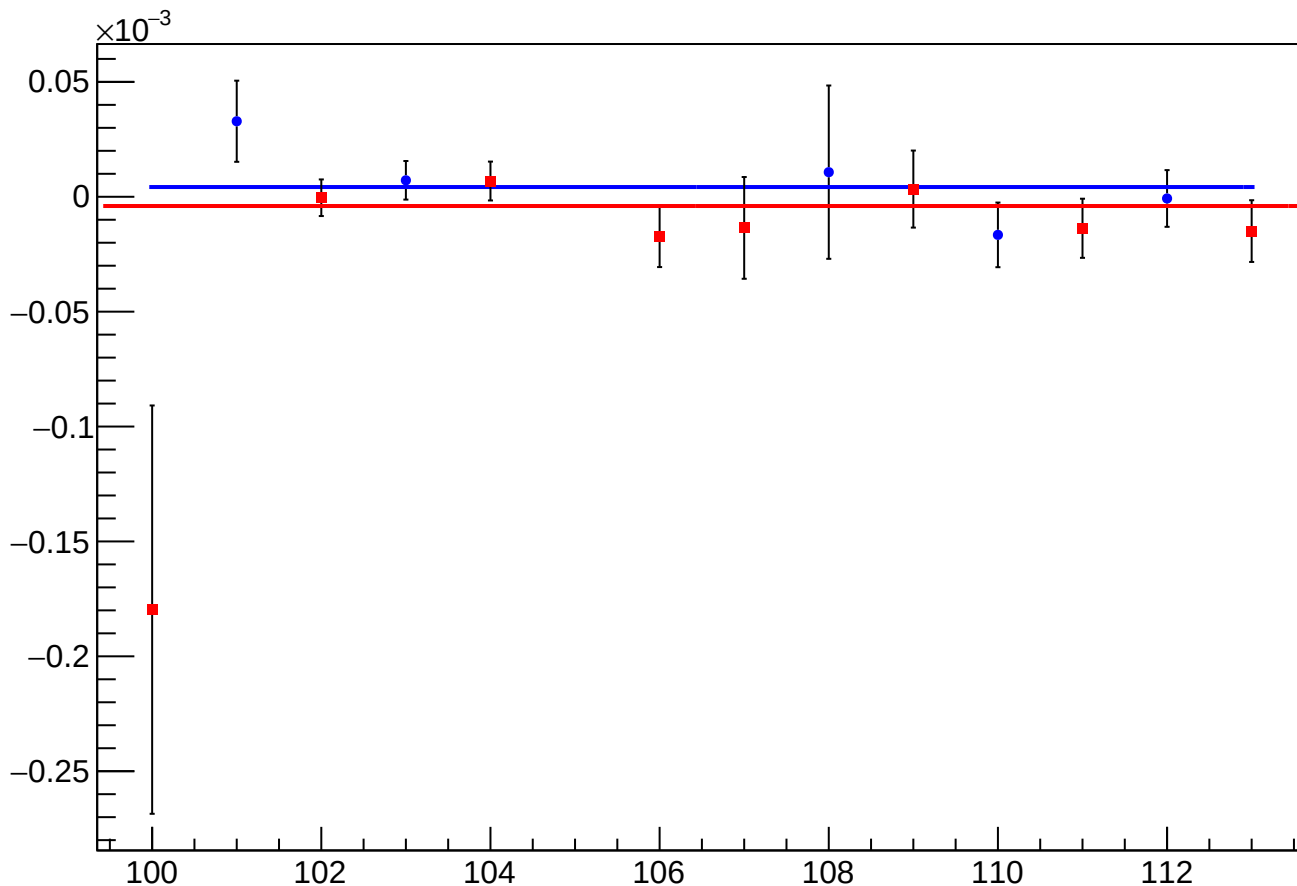
Right: 75.255+/-0.028 χ^2/NDF : 3256427.7/12

In: 80.561+/-0.044 χ^2/NDF : 1254366.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.255+/-0.028 χ^2/NDF : 3256427.7/12

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 : 8.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

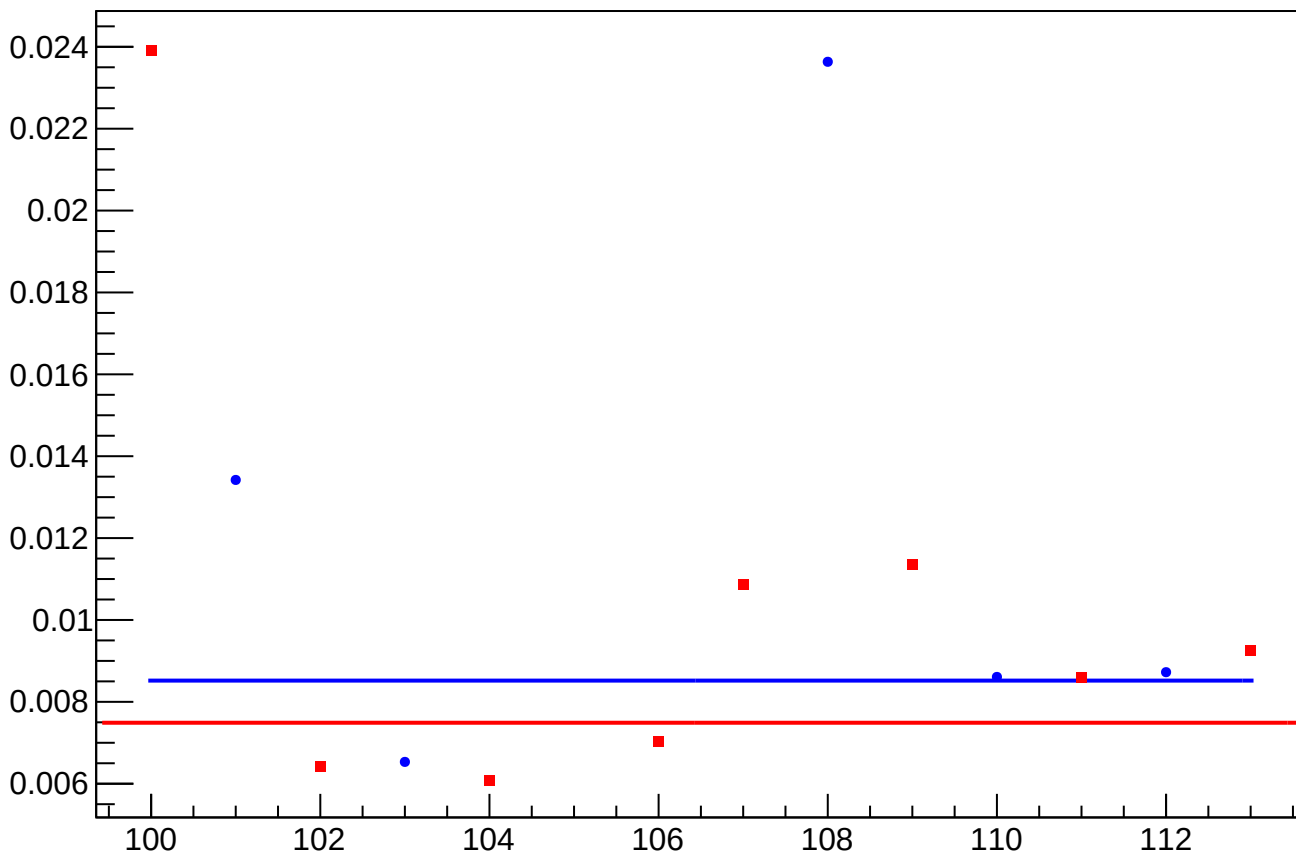
Right: -0.000+/-0.000 χ^2/NDF : 14.8/12

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 : 14.8/12

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 : 364595.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

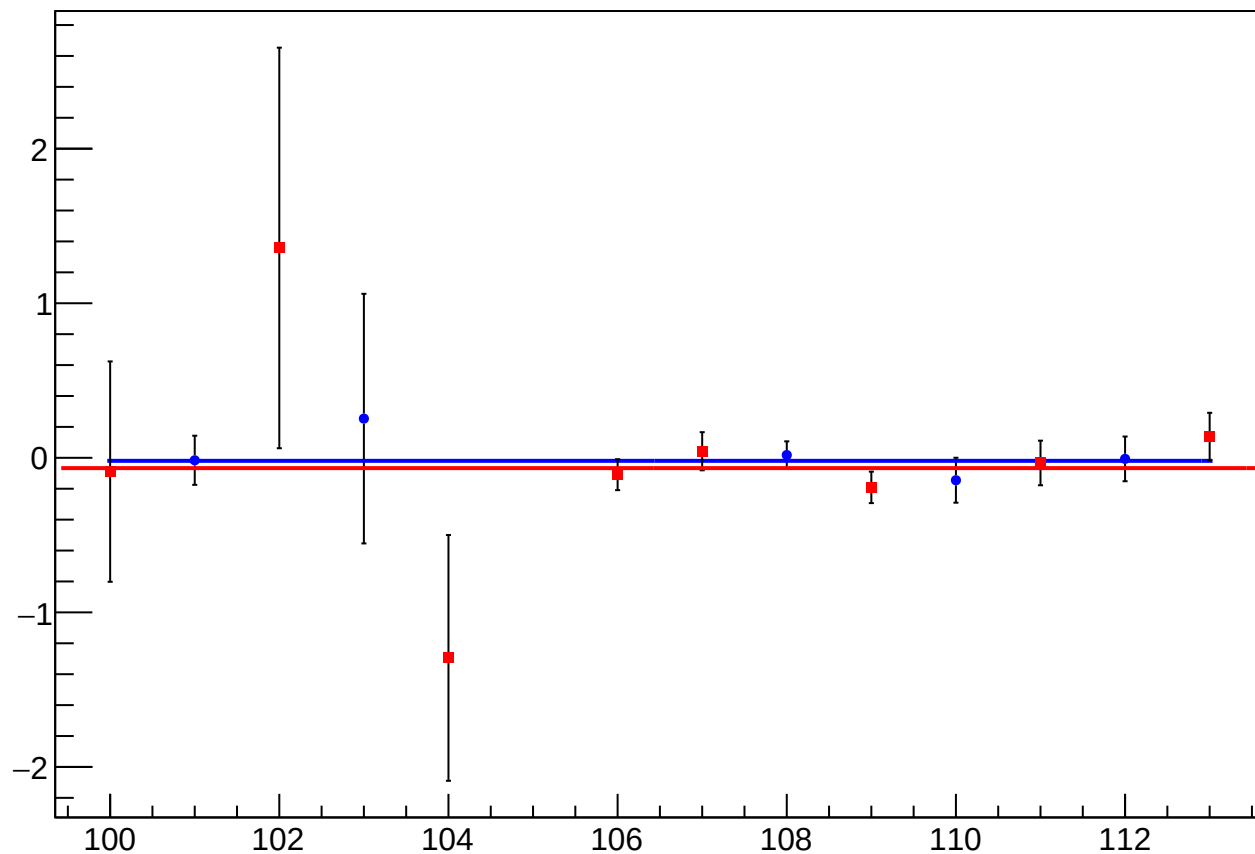
Right: 0.008+/-0.000 χ^2/NDF : 992690.9/12

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 : 992690.9/12

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: -0.067 ± 0.053 $\chi^2/\text{NDF}: 7.9/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

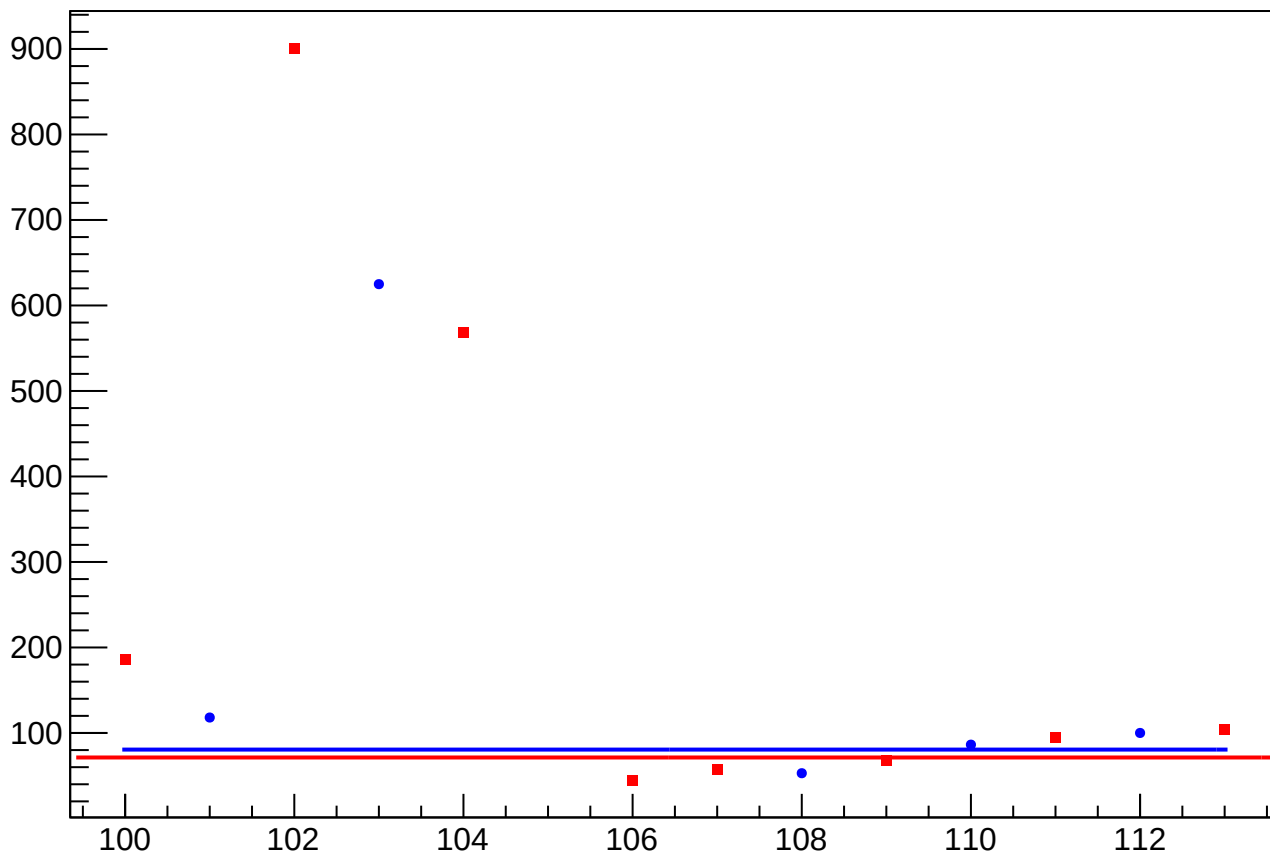
Right: -0.047 ± 0.040 $\chi^2/\text{NDF}: 9.3/12$

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: -0.047 ± 0.040 $\chi^2/\text{NDF}: 9.3/12$

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: 71.329+/-0.037 χ^2/NDF : 1976222.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

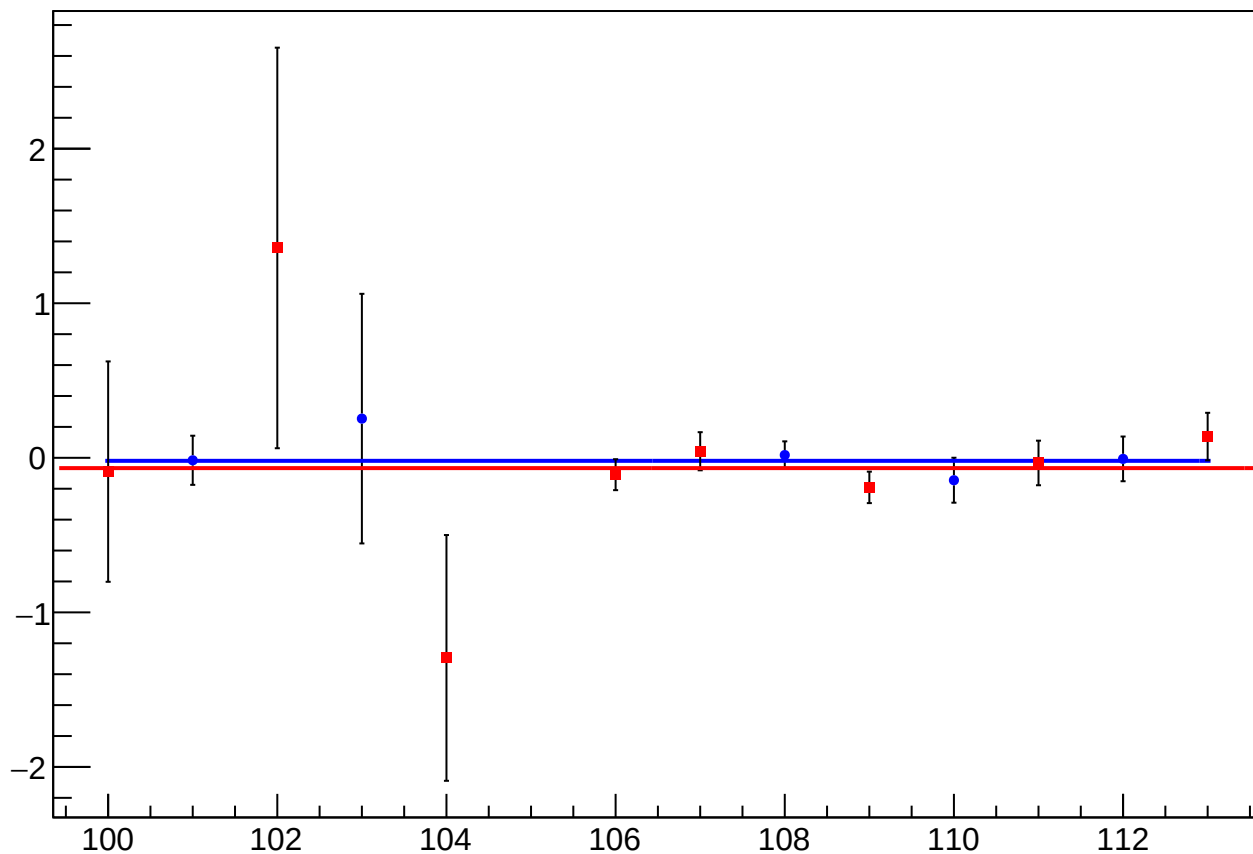
Right: 75.258+/-0.028 χ^2/NDF : 3256320.0/12

In: 80.569+/-0.044 χ^2/NDF : 1254215.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.258+/-0.028 χ^2/NDF : 3256320.0/12

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.062 χ^2/NDF : 1.0/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.067+/-0.053 χ^2/NDF : 7.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

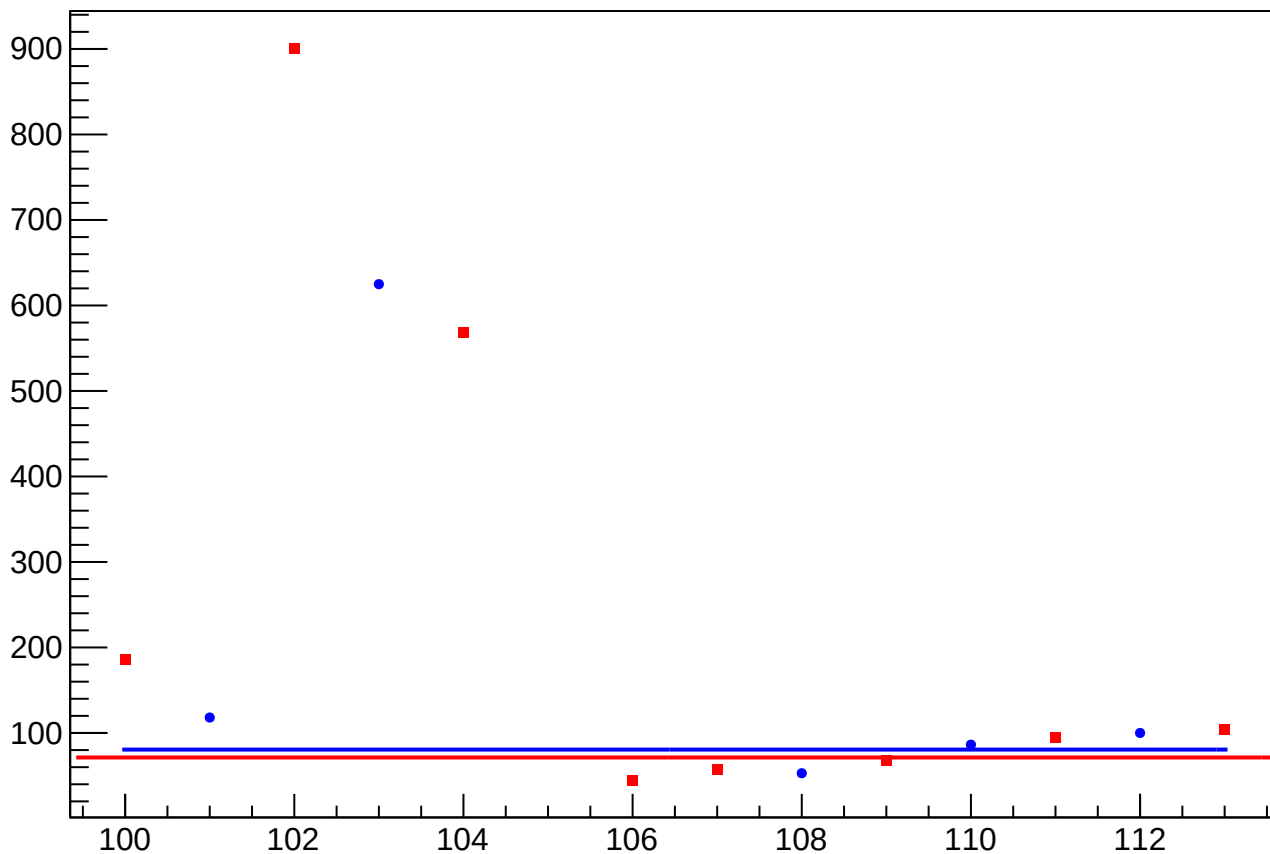
Right: -0.047+/-0.040 χ^2/NDF : 9.3/12

In: -0.020+/-0.062 χ^2/NDF :1.0/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.047+/-0.040 χ^2/NDF : 9.3/12

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: 71.329+/-0.037 χ^2/NDF : 1976222.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

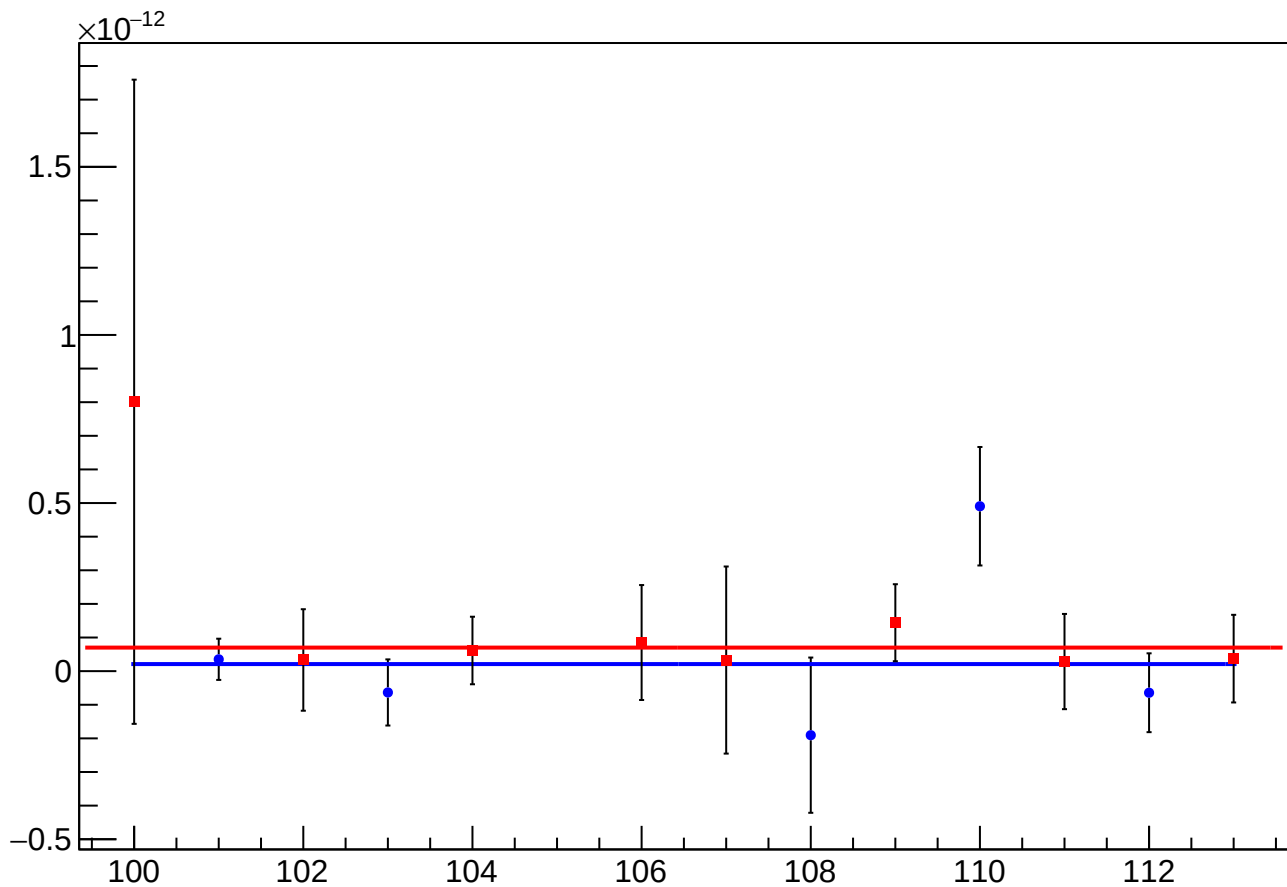
Right: 75.258+/-0.028 χ^2/NDF : 3256320.0/12

In: 80.569+/-0.044 χ^2/NDF : 1254215.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.258+/-0.028 χ^2/NDF : 3256320.0/12

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 : 1.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

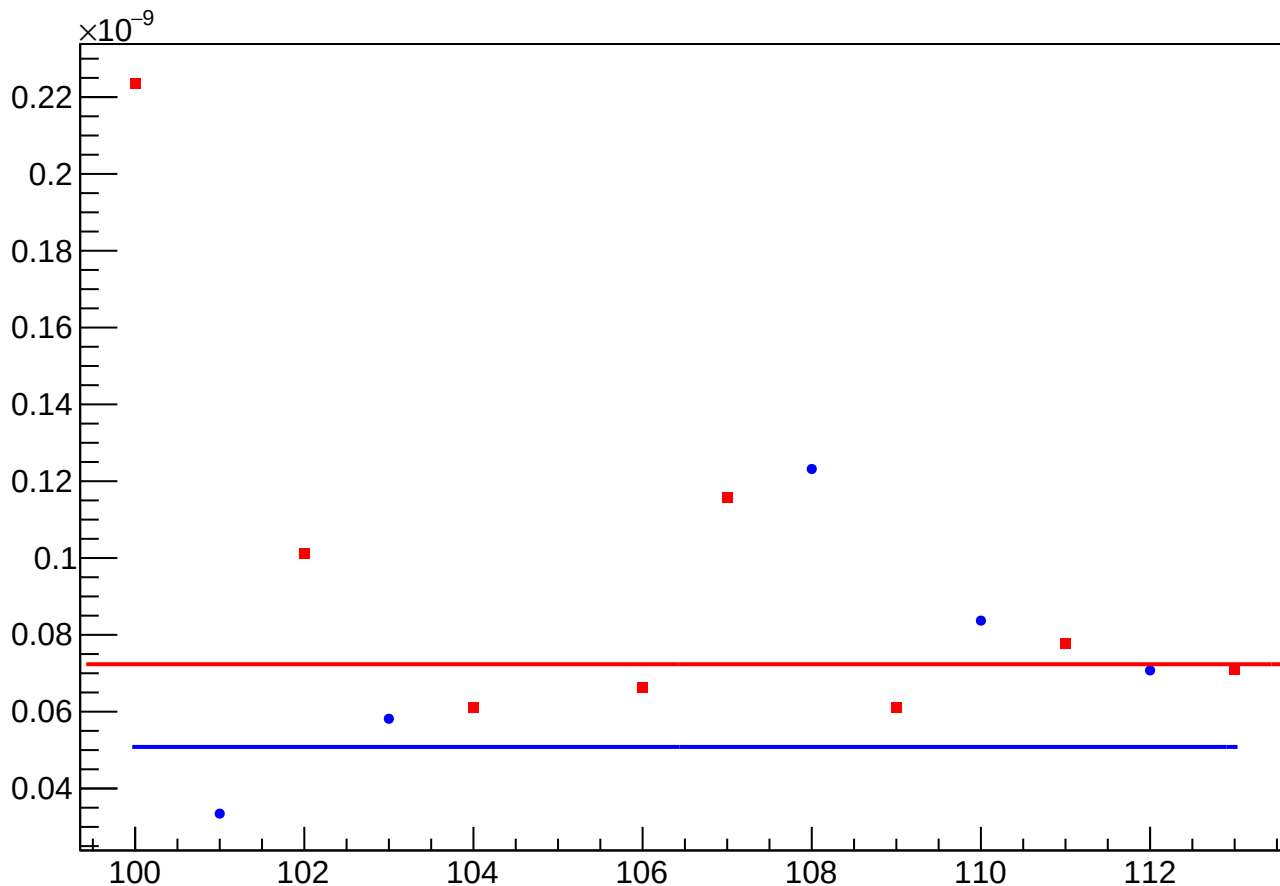
Right: 0.000+/-0.000 χ^2/NDF : 11.0/12

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 : 11.0/12

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 : 220958.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

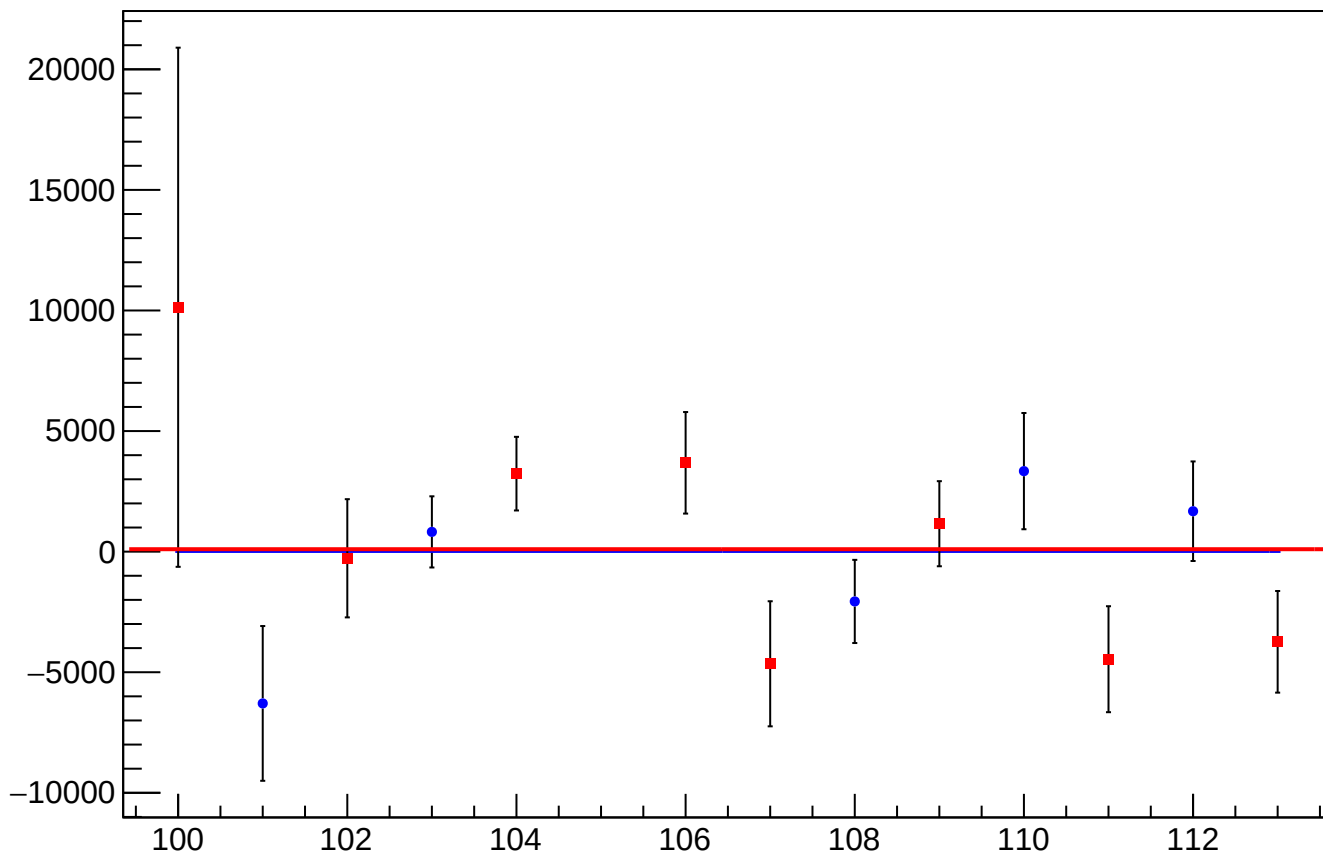
Right: 0.000+/-0.000 χ^2/NDF : 914335.5/12

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 : 914335.5/12

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: 101.184+/-759.821 χ^2/NDF : 19.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

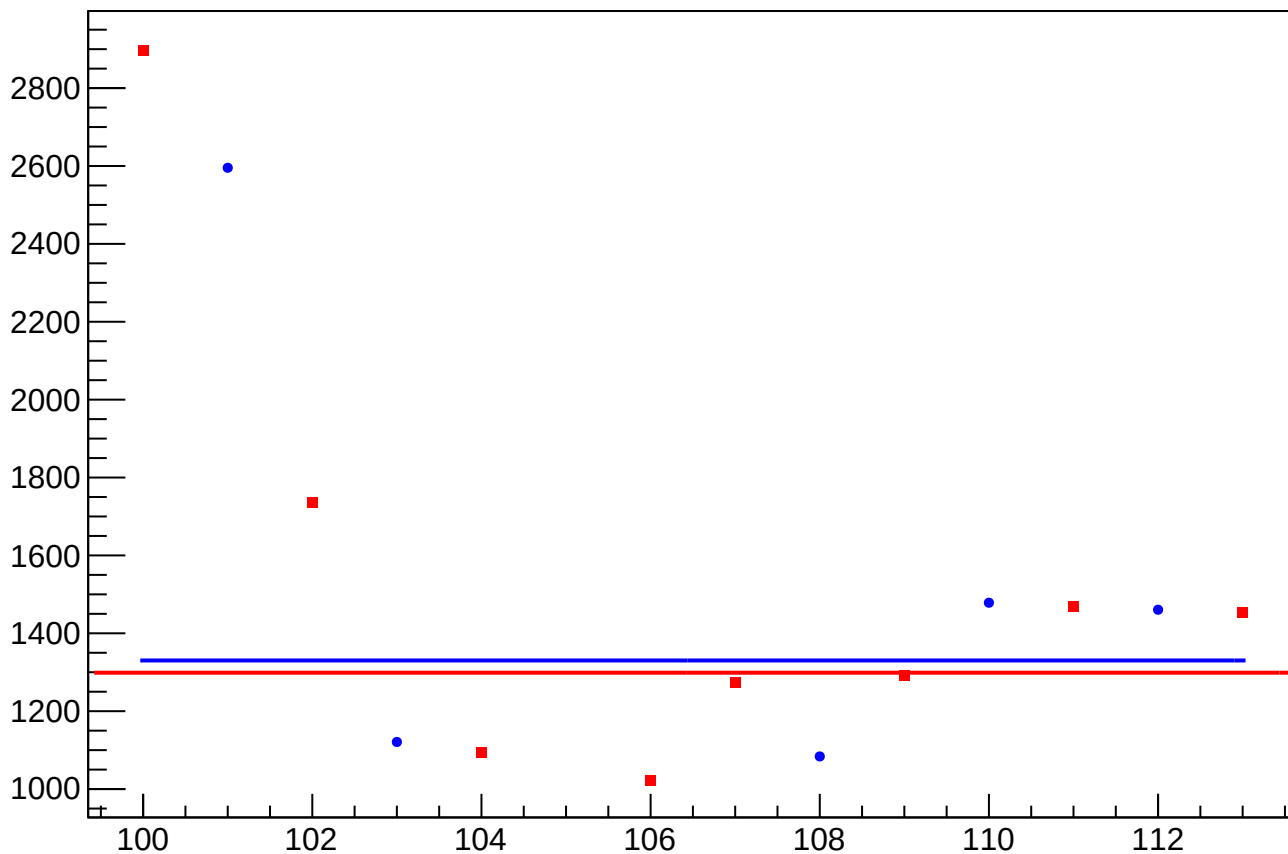
Right: 70.603+/-574.304 χ^2/NDF : 27.5/12

In: 29.851+/-877.129 χ^2/NDF : 8.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.603+/-574.304 χ^2/NDF : 27.5/12

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: 1298.826+/-0.537 χ^2/NDF : 201155.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

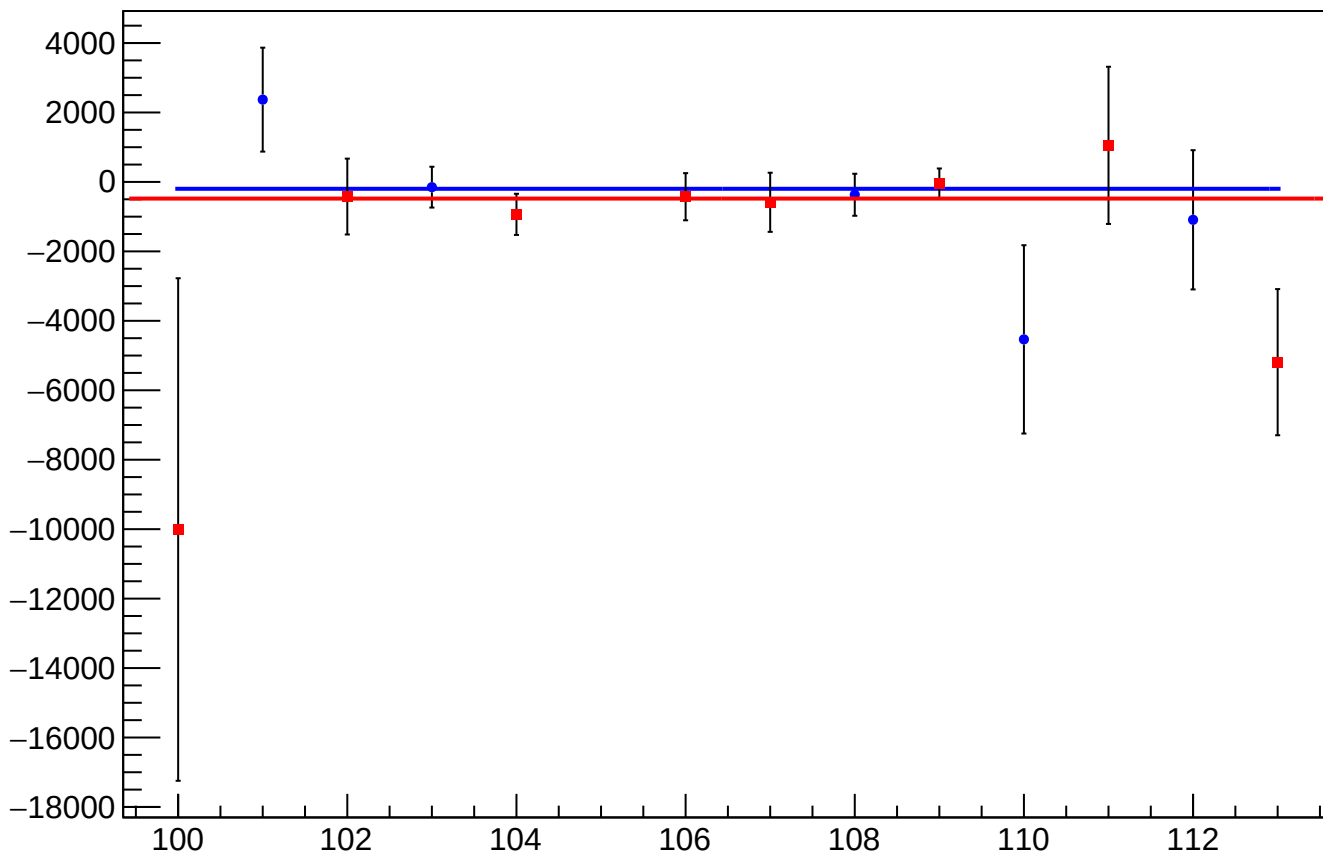
Right: 1312.284+/-0.406 χ^2/NDF : 610175.4/12

In: 1330.217+/-0.620 χ^2/NDF : 407556.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1312.284+/-0.406 χ^2/NDF : 610175.4/12

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: -479.359+/-278.761 χ^2/NDF : 8.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

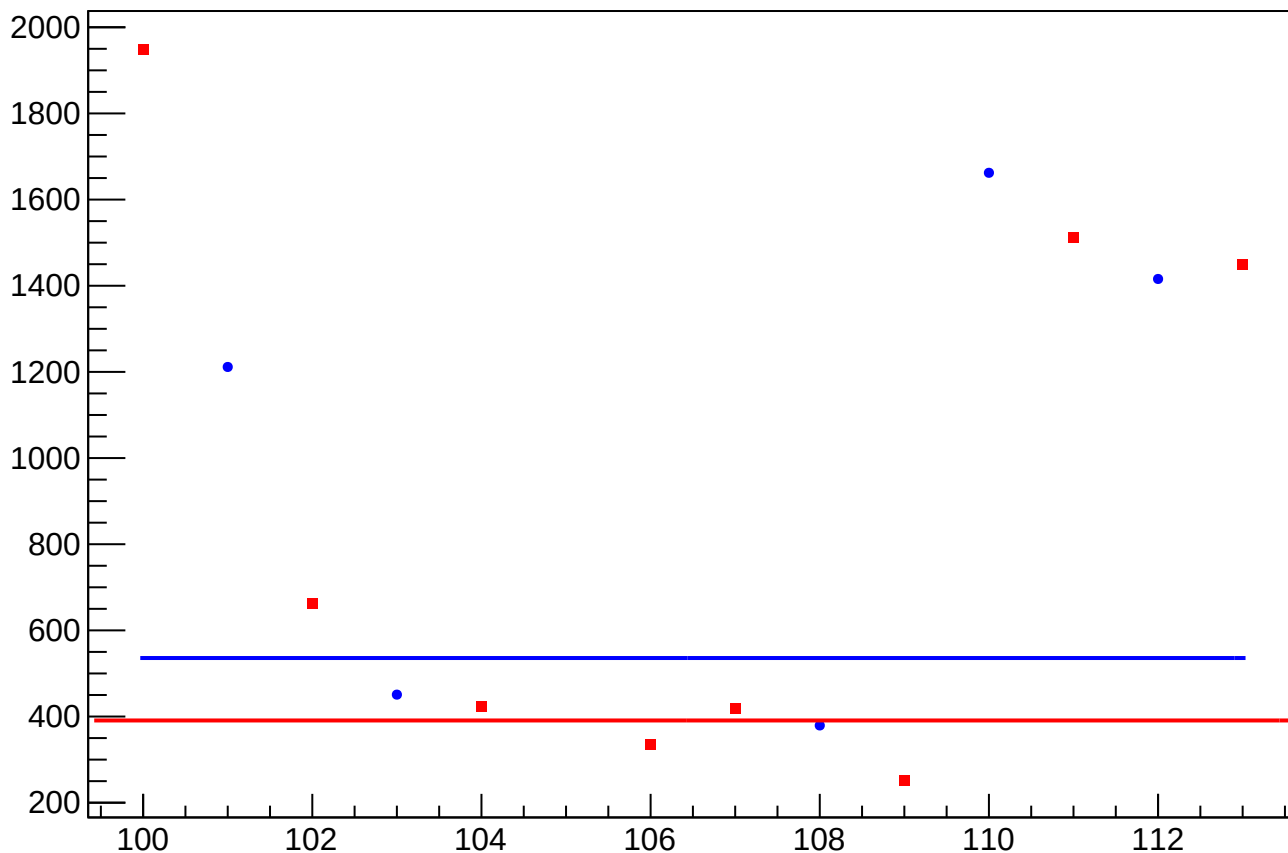
Right: -385.205+/-227.469 χ^2/NDF : 14.9/12

In: -197.585+/-393.508 χ^2/NDF : 5.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -385.205+/-227.469 χ^2/NDF : 14.9/12

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: 390.869+/-0.197 χ^2/NDF : 1438279.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

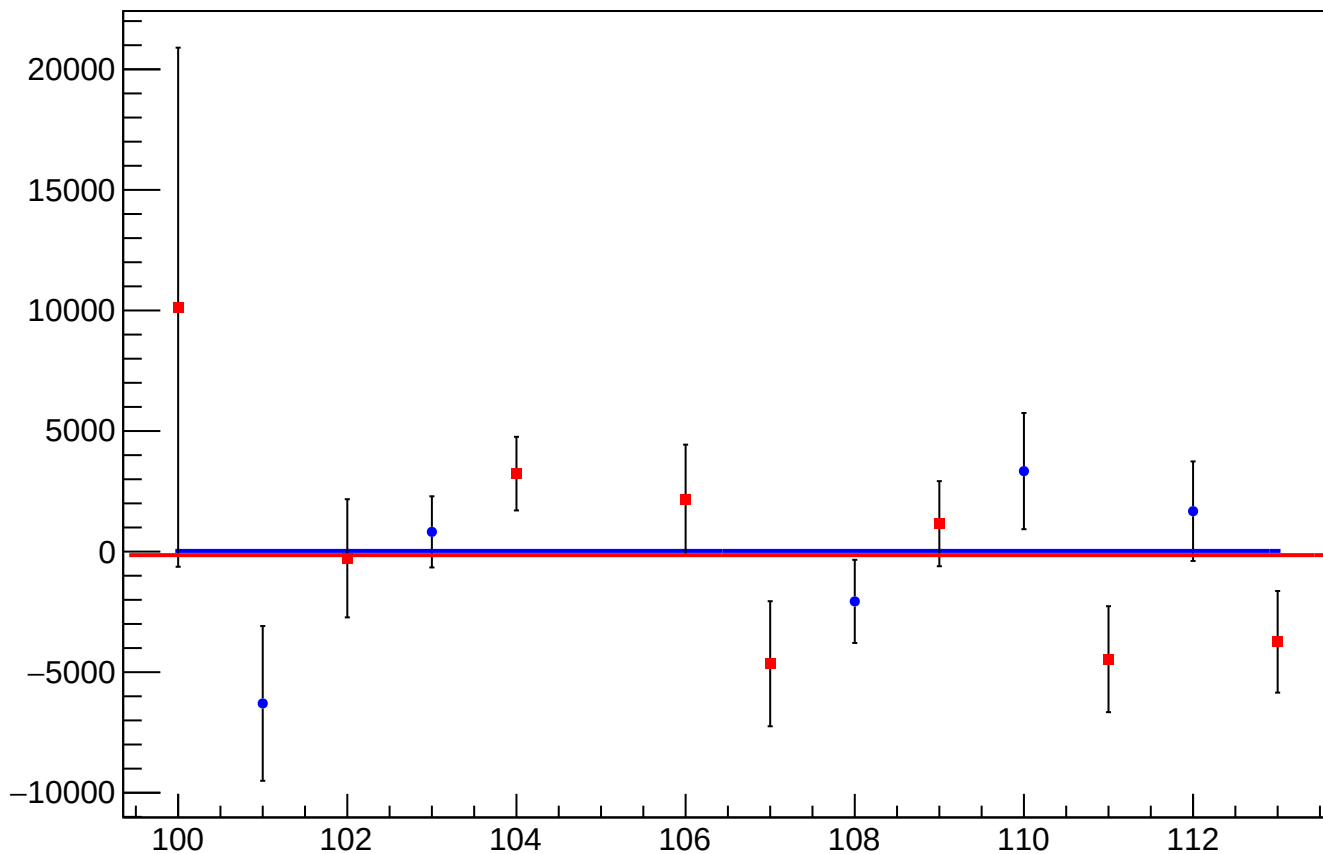
Right: 439.308+/-0.161 χ^2/NDF : 2932635.2/12

In: 535.831+/-0.278 χ^2/NDF :1313634.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 439.308+/-0.161 χ^2/NDF : 2932635.2/12

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: -145.786+/-767.594 χ^2/NDF : 17.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

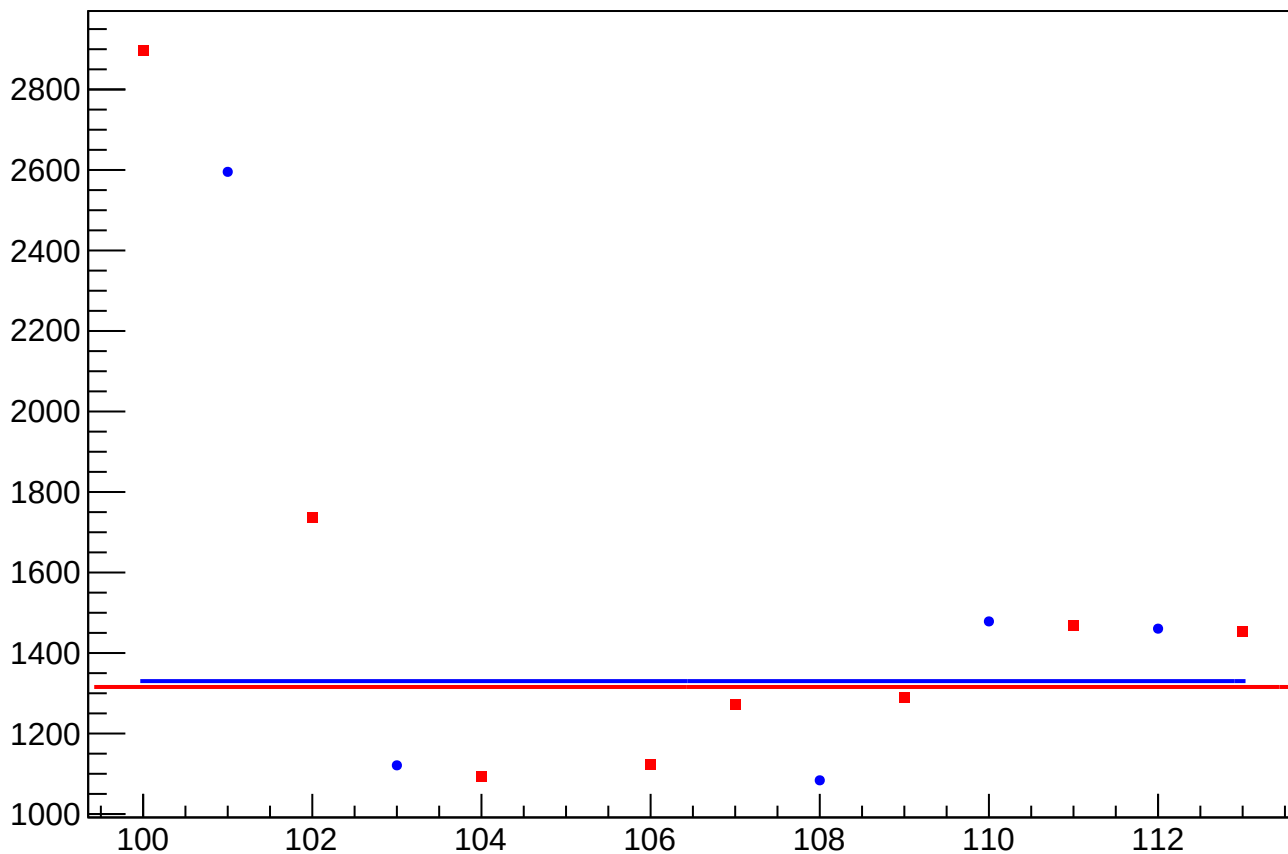
Right: -69.713+/-577.639 χ^2/NDF : 25.3/12

In: 29.619+/-877.129 χ^2/NDF : 8.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -69.713+/-577.639 χ^2/NDF : 25.3/12

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: 1315.646+/-0.543 χ^2/NDF : 177741.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

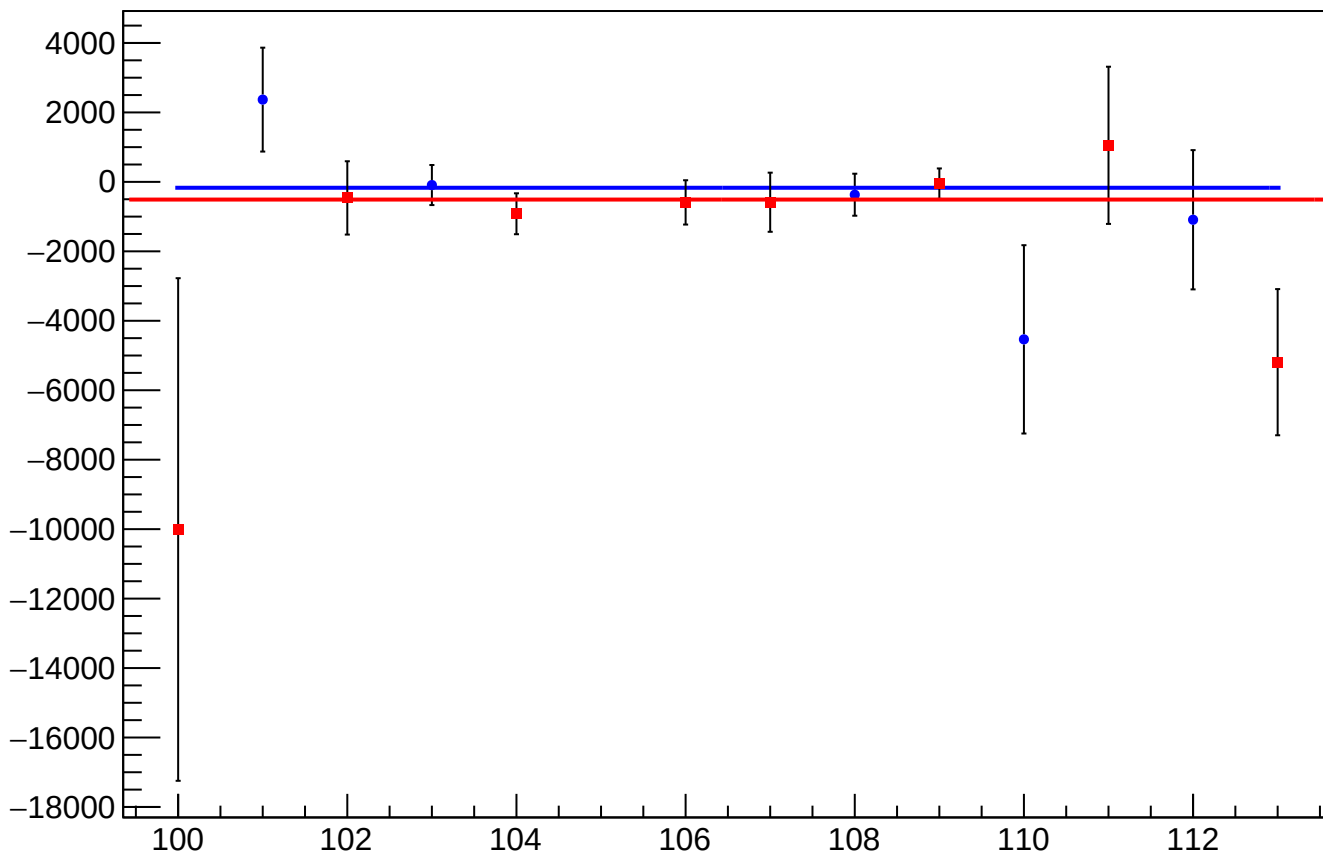
Right: 1321.965+/-0.408 χ^2/NDF : 585610.0/12

In: 1330.217+/-0.620 χ^2/NDF : 407556.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1321.965+/-0.408 χ^2/NDF : 585610.0/12

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: -509.256+/-274.731 χ^2/NDF : 8.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

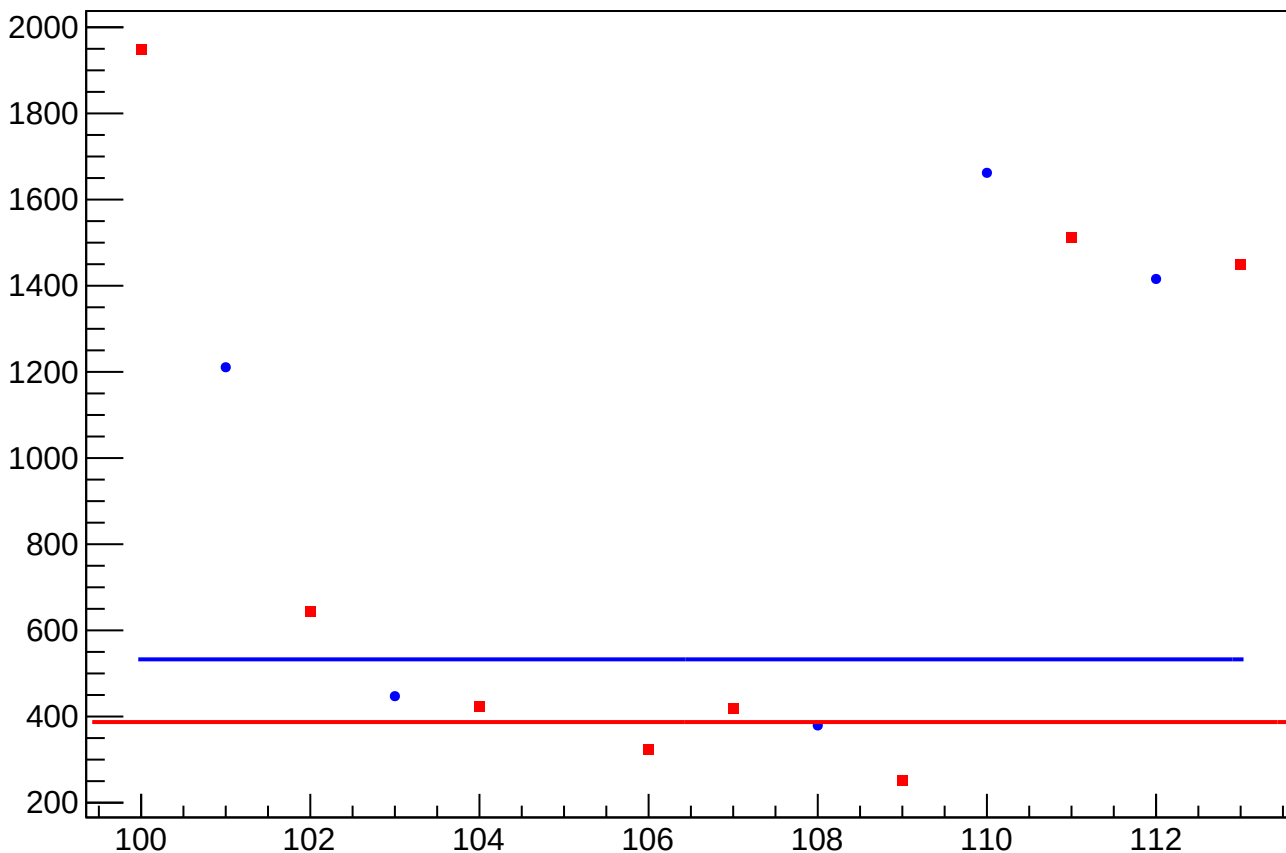
Right: -396.589+/-224.619 χ^2/NDF : 15.1/12

In: -169.424+/-390.103 χ^2/NDF : 5.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -396.589+/-224.619 χ^2/NDF : 15.1/12

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: 387.169+/-0.194 χ^2/NDF : 1436633.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

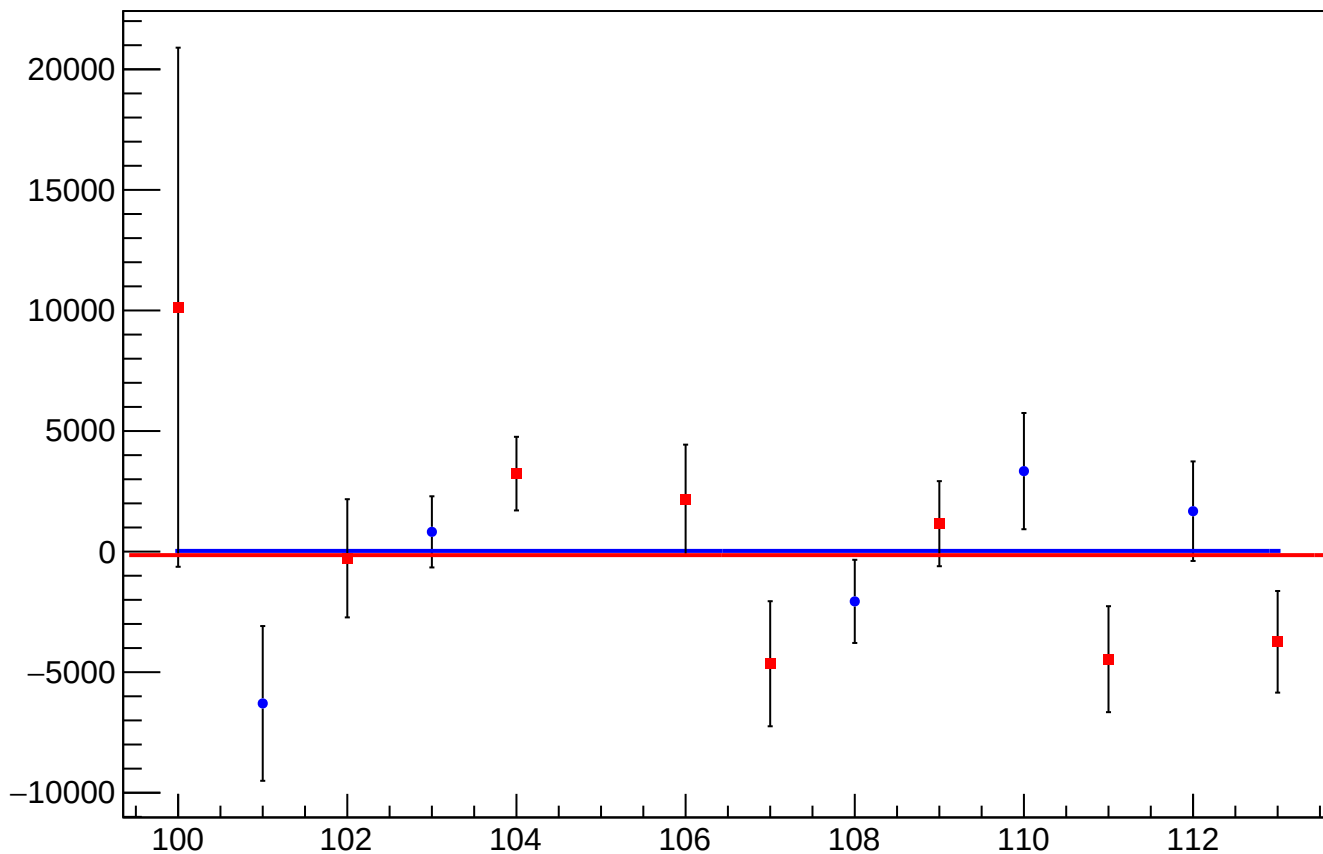
Right: 435.428+/-0.159 χ^2/NDF : 2941285.2/12

In: 532.729+/-0.276 χ^2/NDF :1318516.0/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 435.428+/-0.159 χ^2/NDF : 2941285.2/12

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: -145.786+/-767.594 χ^2/NDF : 17.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

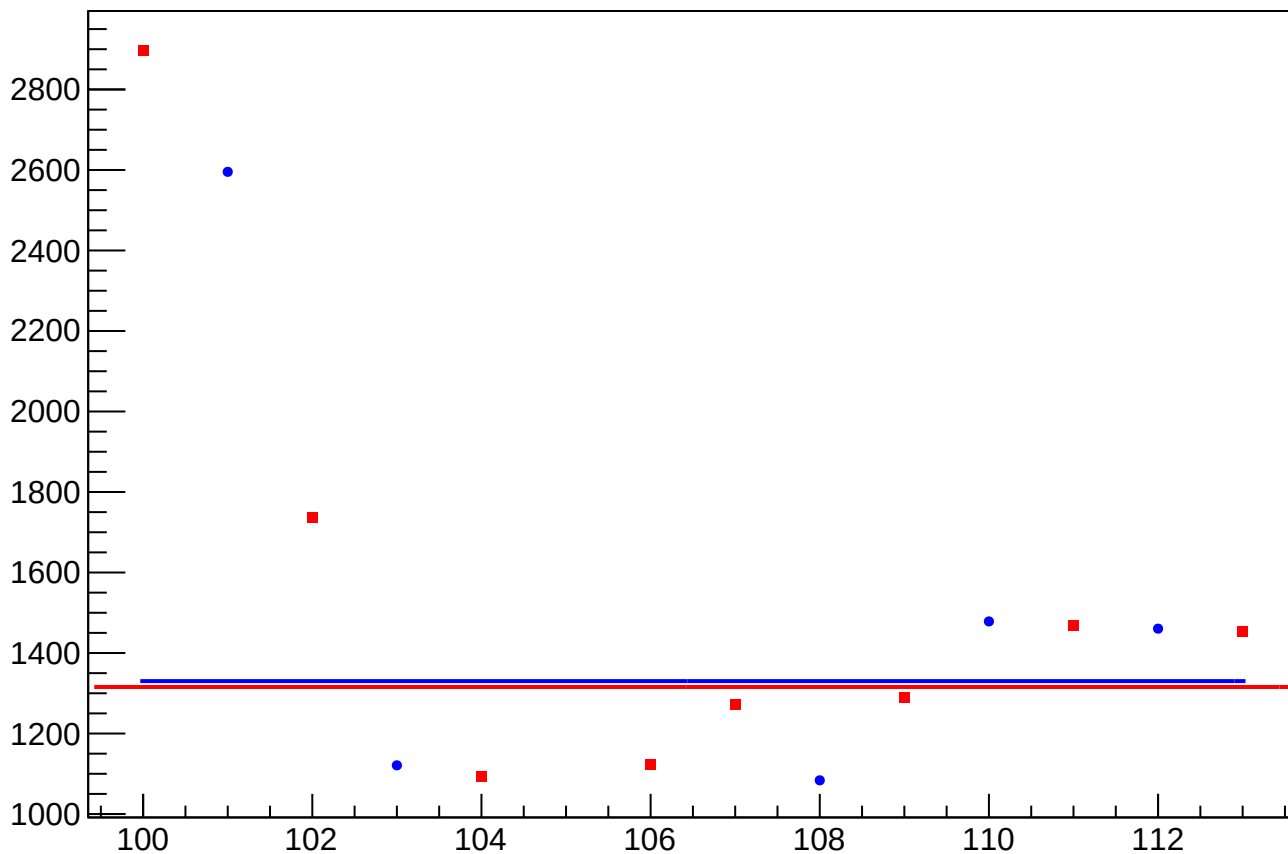
Right: -69.713+/-577.639 χ^2/NDF : 25.3/12

In: 29.619+/-877.129 χ^2/NDF : 8.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -69.713+/-577.639 χ^2/NDF : 25.3/12

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: 1315.646+/-0.543 χ^2/NDF : 177741.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

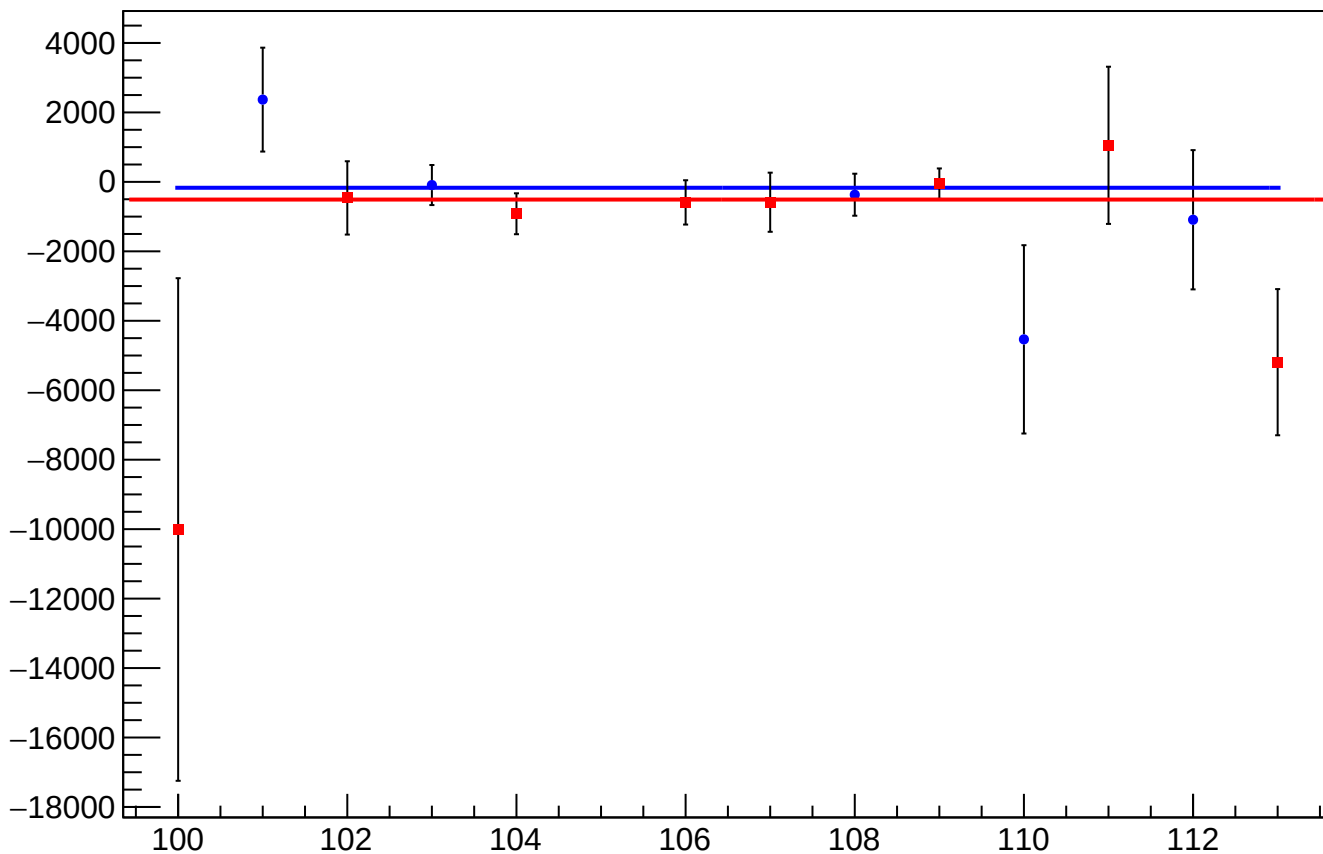
Right: 1321.965+/-0.408 χ^2/NDF : 585610.0/12

In: 1330.217+/-0.620 χ^2/NDF : 407556.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1321.965+/-0.408 χ^2/NDF : 585610.0/12

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -169.424 $\pm$ 390.103 χ^2/NDF : 5.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -509.256 $\pm$ 274.731 χ^2/NDF : 8.7/7

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

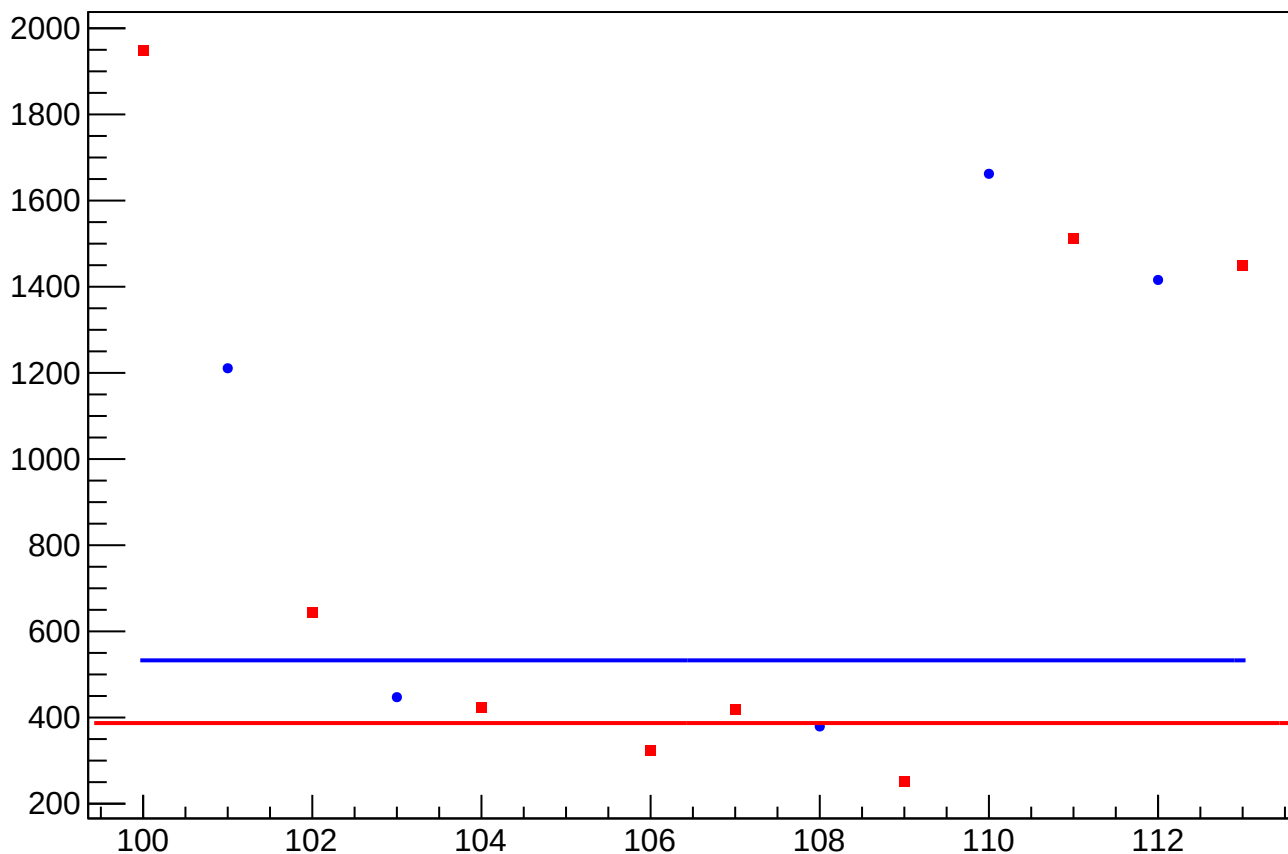
Right: -396.589 $\pm$ 224.619 χ^2/NDF : 15.1/12

In: -169.424 $\pm$ 390.103 χ^2/NDF : 5.8/4

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -396.589 $\pm$ 224.619 χ^2/NDF : 15.1/12

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: 387.169+/-0.194 χ^2/NDF : 1436633.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

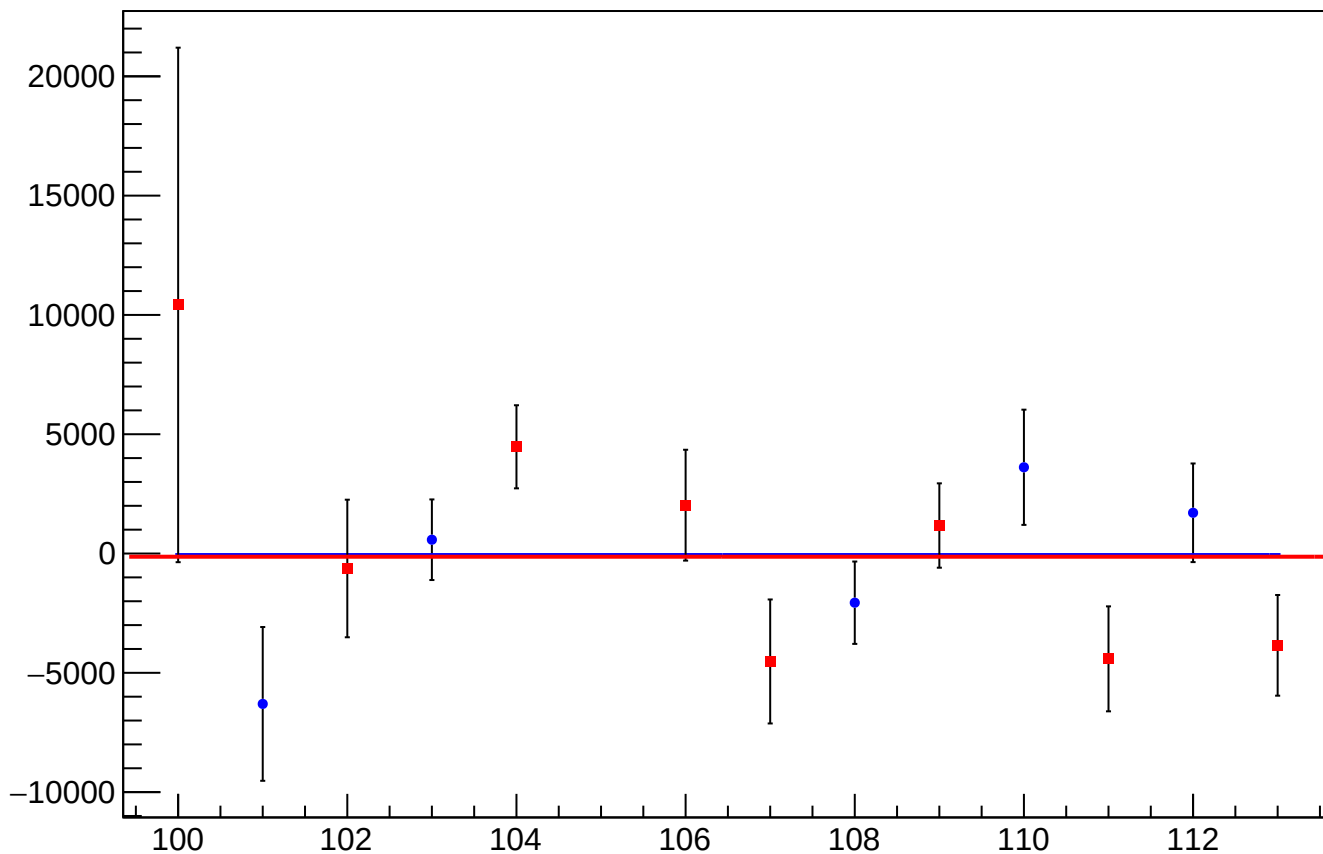
Right: 435.428+/-0.159 χ^2/NDF : 2941285.2/12

In: 532.729+/-0.276 χ^2/NDF : 1318516.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 435.428+/-0.159 χ^2/NDF : 2941285.2/12

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: -133.846+/-804.981 χ^2/NDF : 19.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

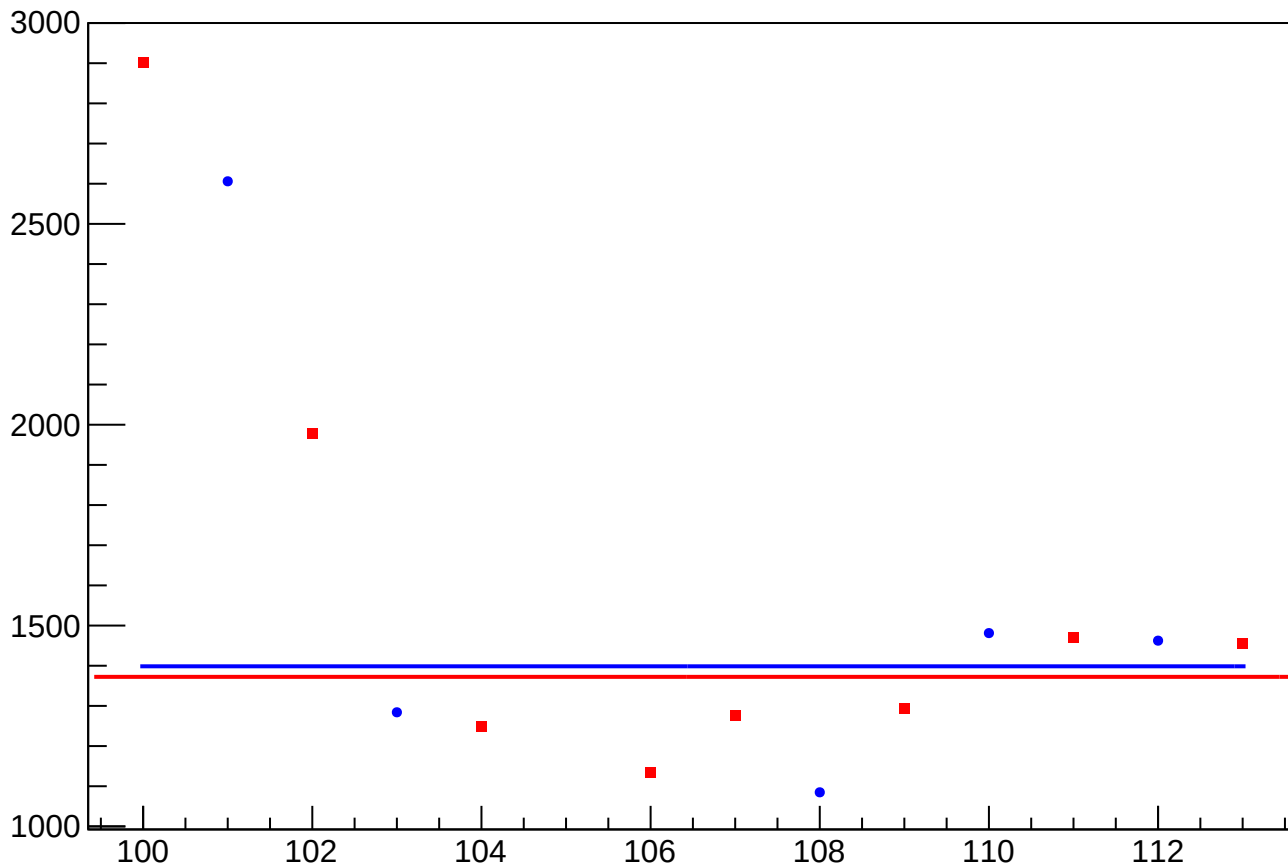
Right: -103.588+/-605.077 χ^2/NDF : 27.4/12

In: -64.287+/-917.417 χ^2/NDF : 8.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -103.588+/-605.077 χ^2/NDF : 27.4/12

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: 1372.315+/-0.569 χ^2/NDF : 173770.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

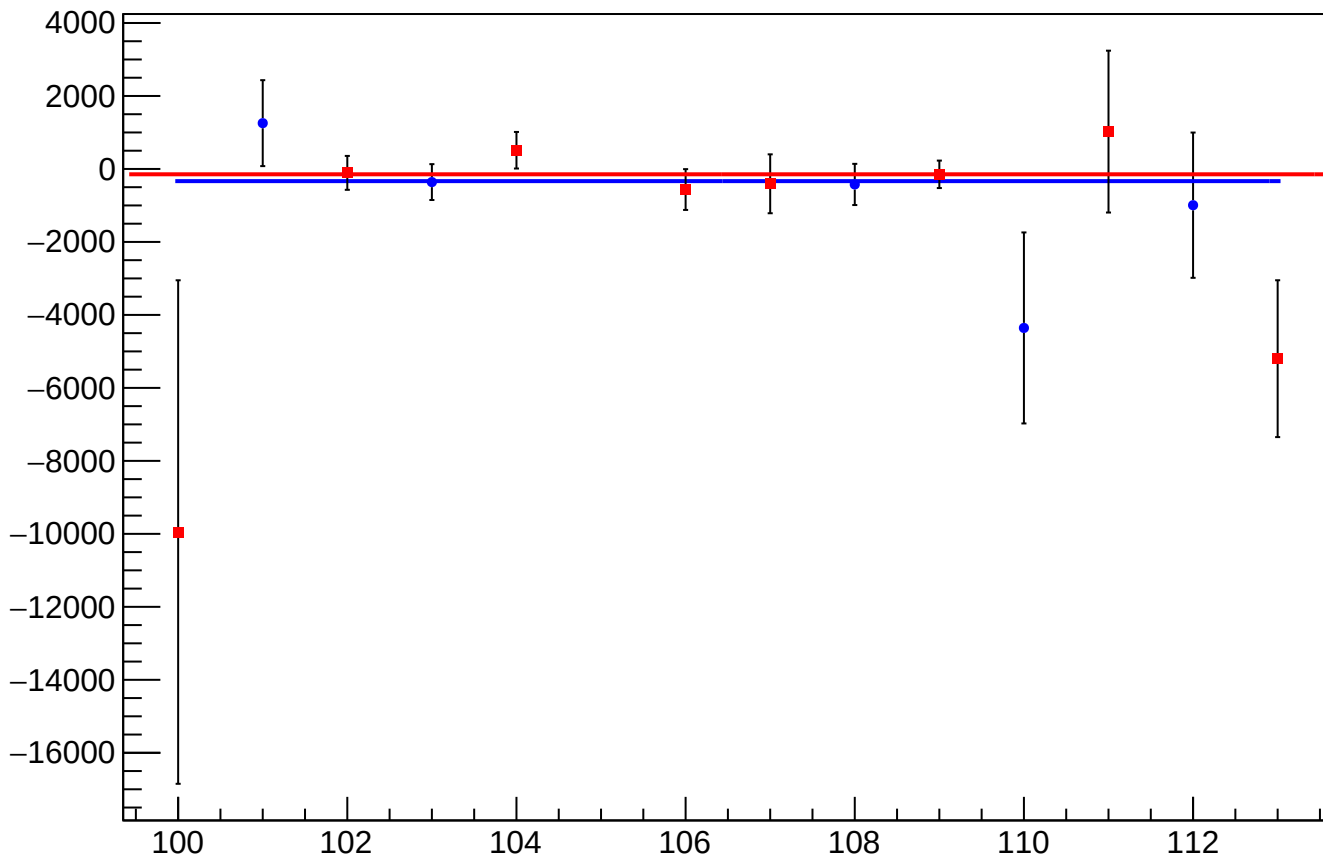
Right: 1383.734+/-0.428 χ^2/NDF : 534991.9/12

In: 1398.566+/-0.649 χ^2/NDF :360296.0/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1383.734+/-0.428 χ^2/NDF : 534991.9/12

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: -146.233+/-218.992 χ^2/NDF : 10.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

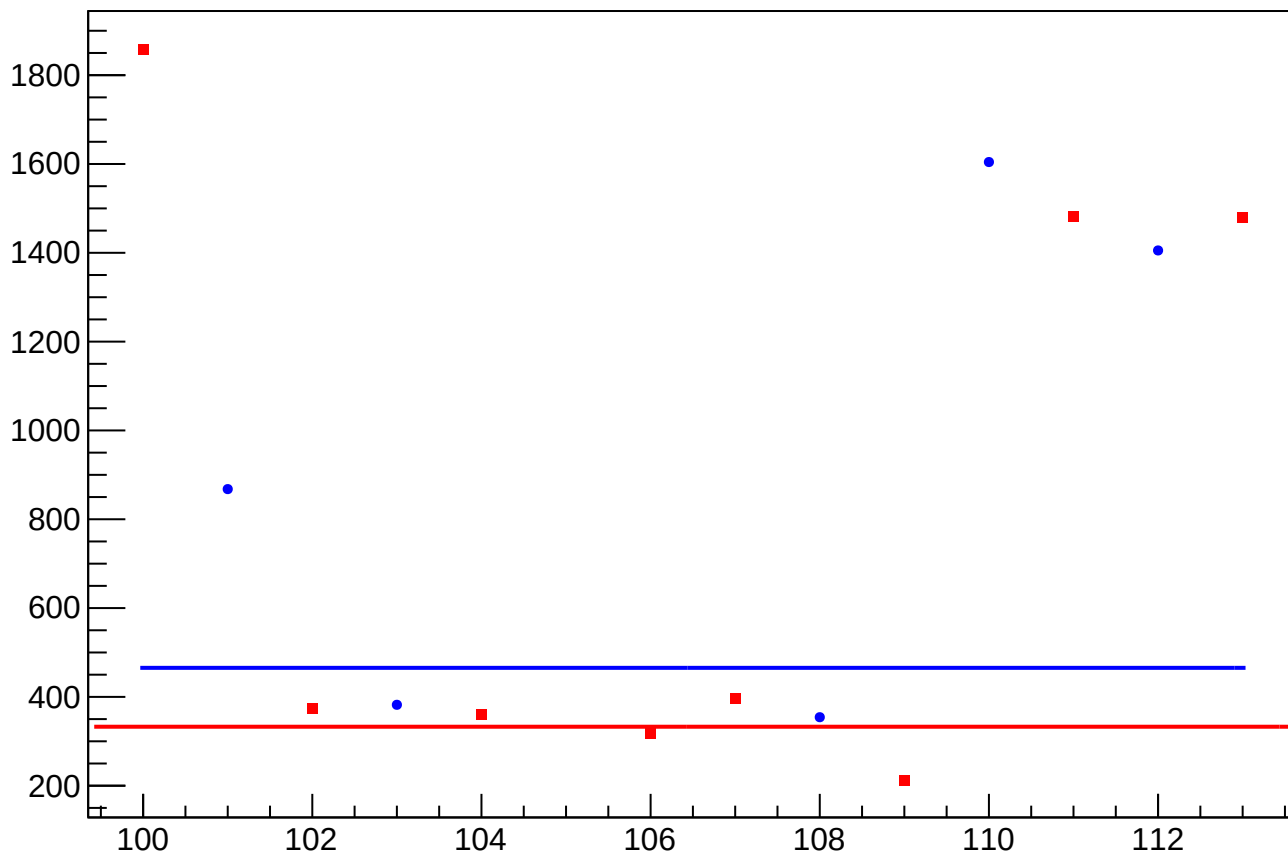
Right: -200.073+/-184.890 χ^2/NDF : 14.8/12

In: -333.700+/-345.005 χ^2/NDF : 4.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -200.073+/-184.890 χ^2/NDF : 14.8/12

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: 332.819+/-0.155 χ^2/NDF : 1447256.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

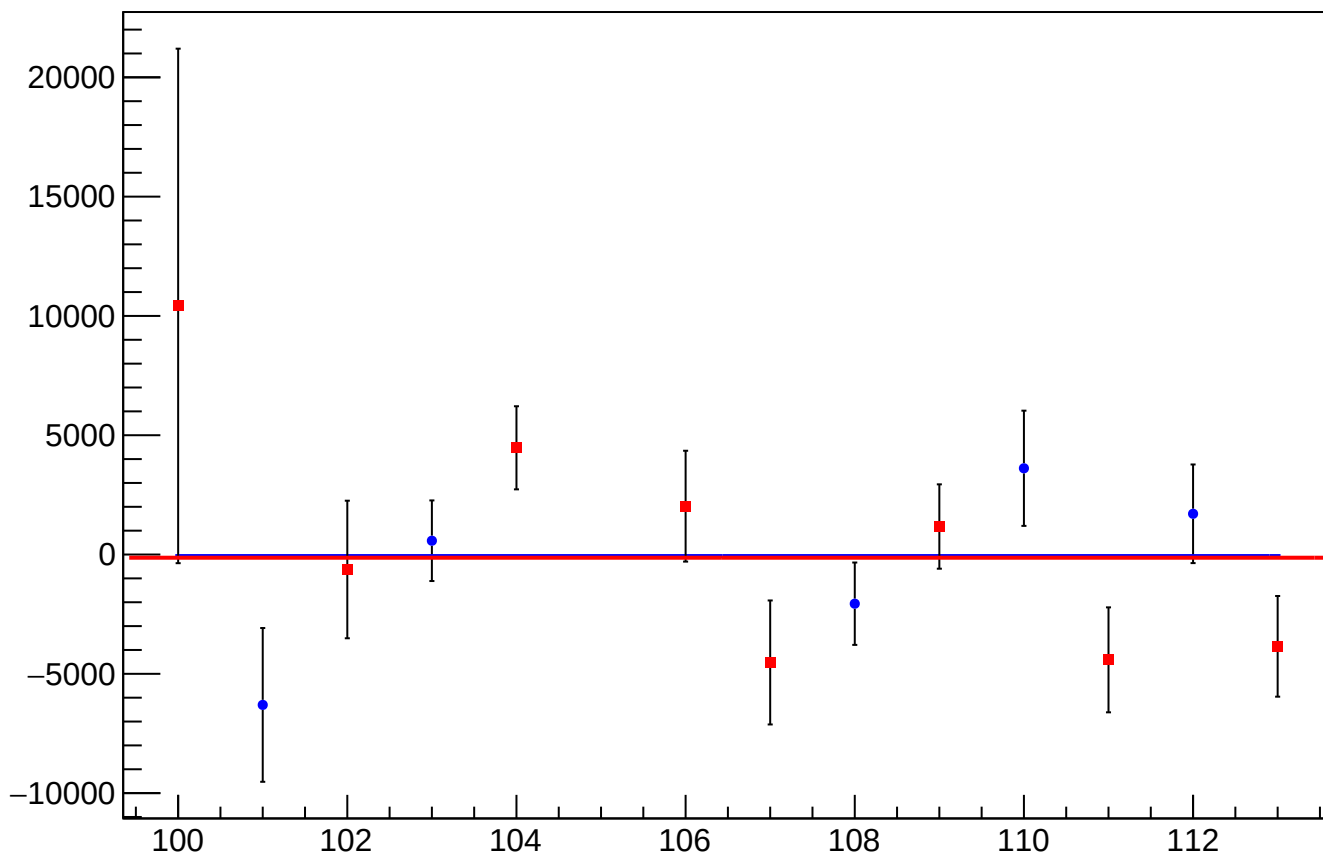
Right: 370.902+/-0.131 χ^2/NDF : 2851092.1/12

In: 465.421+/-0.244 χ^2/NDF : 1193239.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 370.902+/-0.131 χ^2/NDF : 2851092.1/12

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: -133.849+/-804.981 χ^2/NDF : 19.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

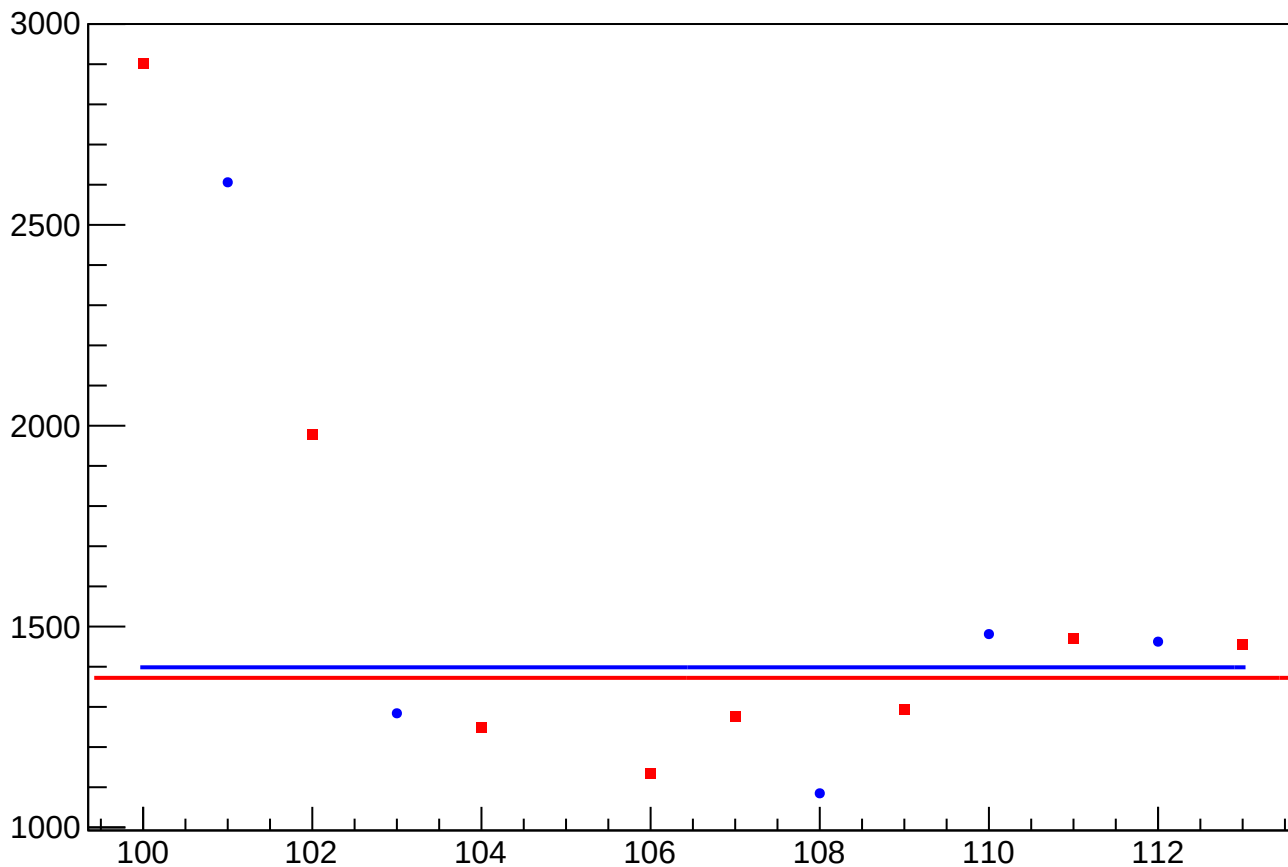
Right: -103.593+/-605.077 χ^2/NDF : 27.4/12

In: -64.295+/-917.417 χ^2/NDF : 8.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -103.593+/-605.077 χ^2/NDF : 27.4/12

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: 1372.315+/-0.569 χ^2/NDF : 173770.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

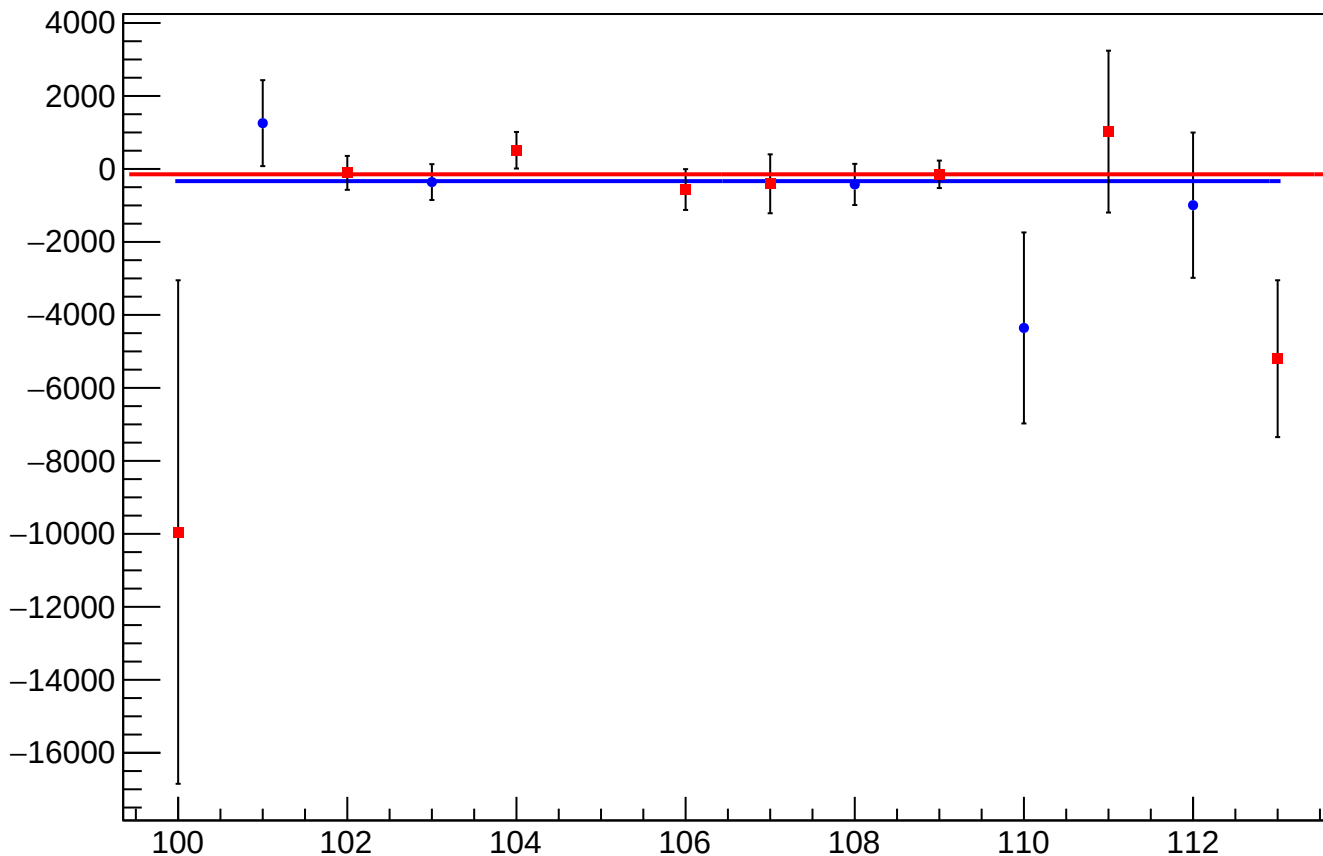
Right: 1383.734+/-0.428 χ^2/NDF : 534991.6/12

In: 1398.567+/-0.649 χ^2/NDF : 360295.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1383.734+/-0.428 χ^2/NDF : 534991.6/12

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: -146.227+/-218.993 χ^2/NDF : 10.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

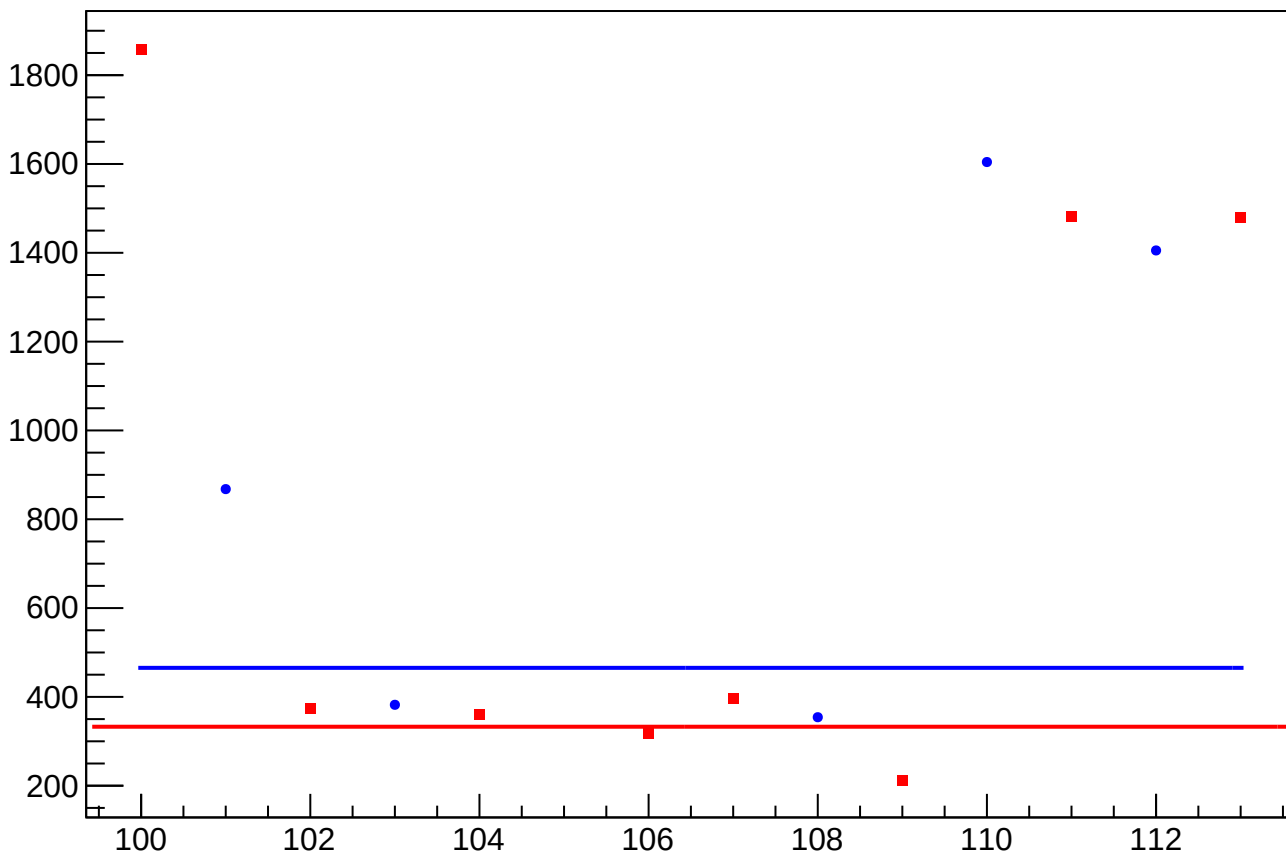
Right: -200.072+/-184.890 χ^2/NDF : 14.8/12

In: -333.706+/-345.000 χ^2/NDF : 4.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -200.072+/-184.890 χ^2/NDF : 14.8/12

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: 332.823+/-0.155 χ^2/NDF : 1447207.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

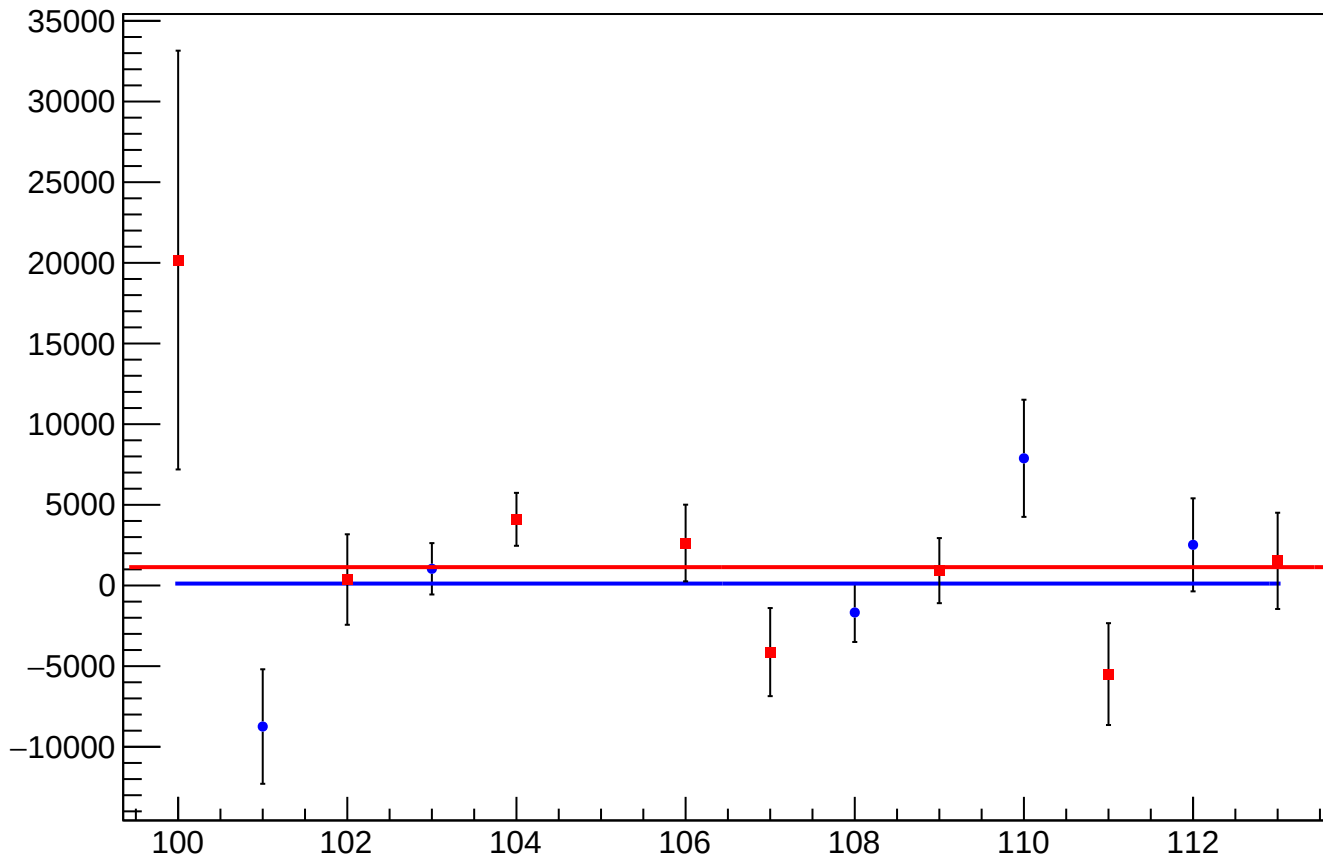
Right: 370.903+/-0.131 χ^2/NDF : 2851030.5/12

In: 465.413+/-0.244 χ^2/NDF : 1193262.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 370.903+/-0.131 χ^2/NDF : 2851030.5/12

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: 1137.808+/-885.912 χ^2/NDF : 14.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

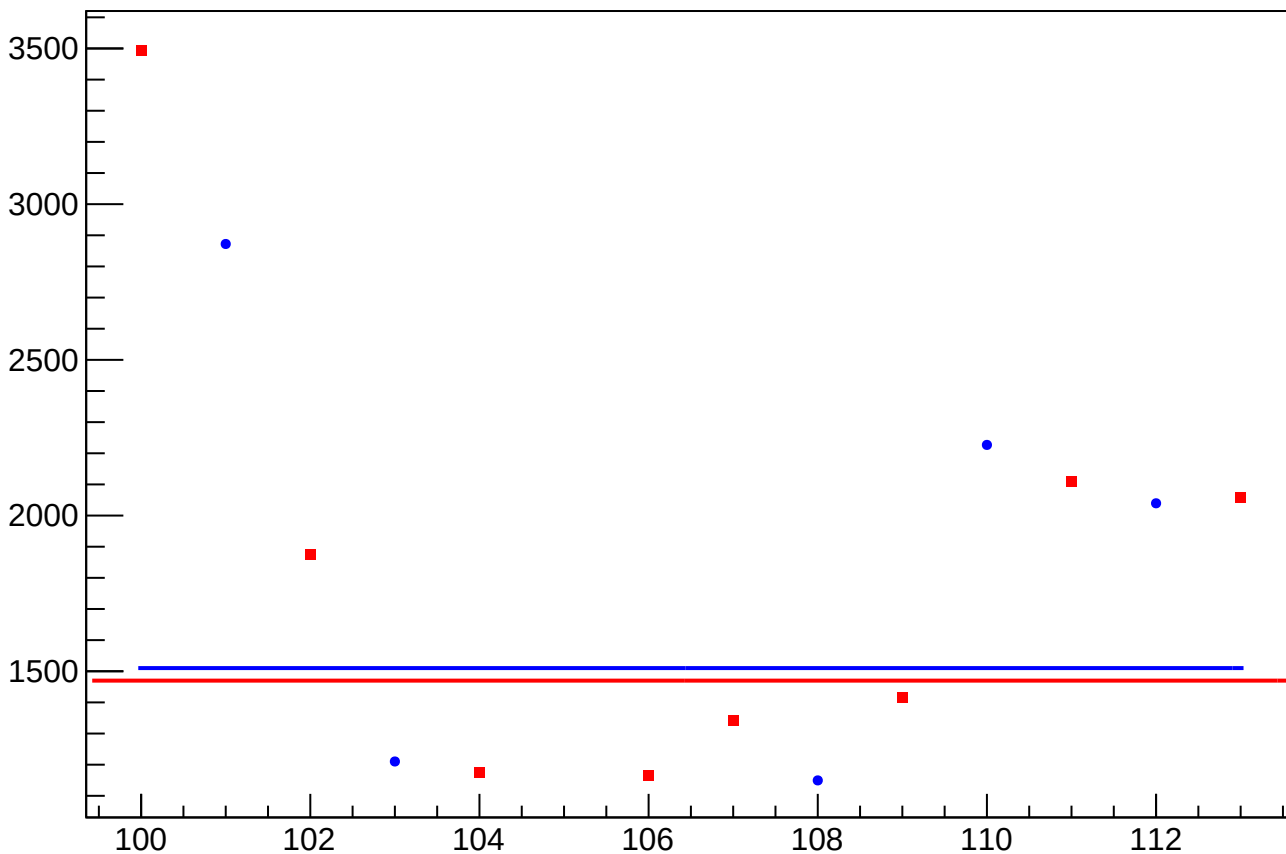
Right: 697.725+/-667.704 χ^2/NDF : 27.4/12

In: 118.979+/-1015.937 χ^2/NDF : 12.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 697.725+/-667.704 χ^2/NDF : 27.4/12

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: 1469.943+/-0.626 χ^2/NDF : 353166.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

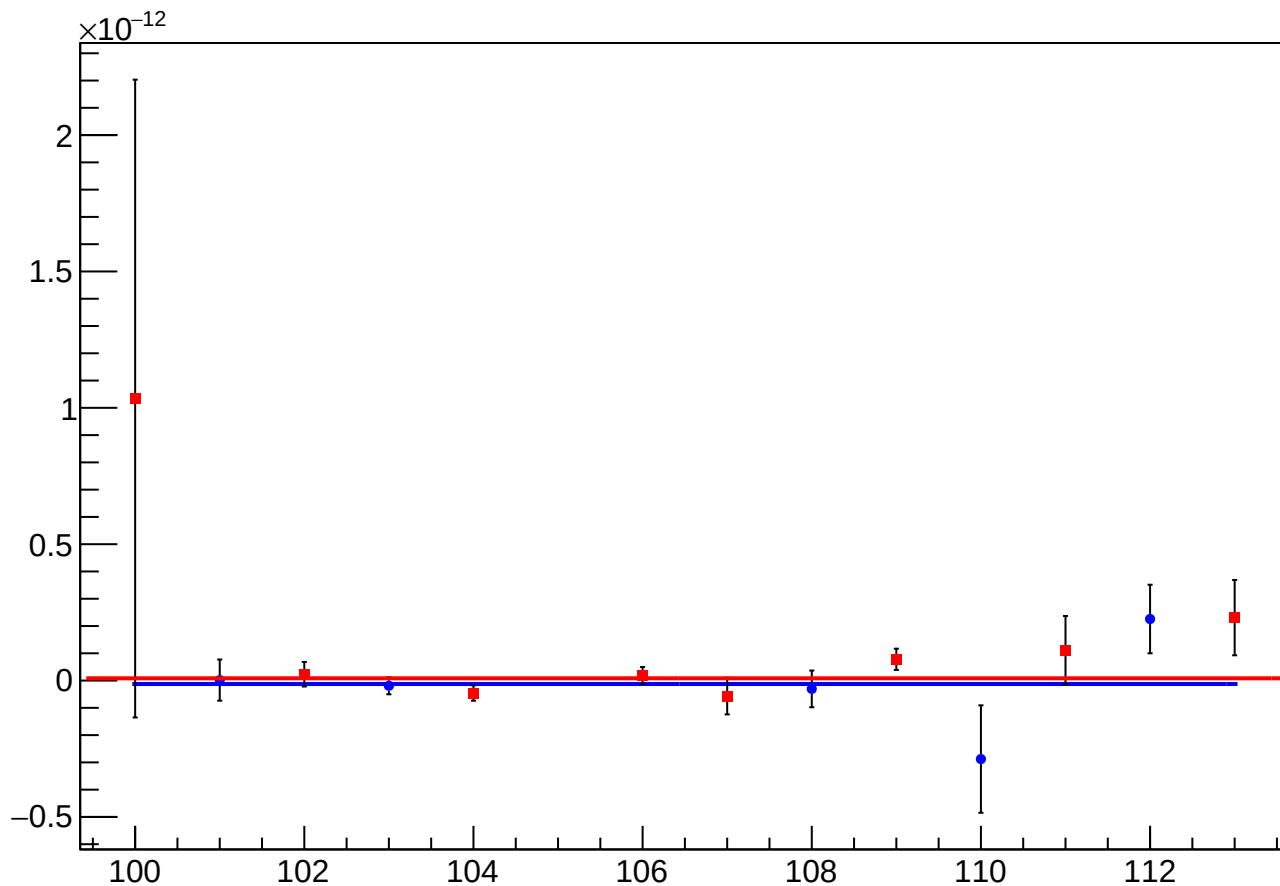
Right: 1487.334+/-0.472 χ^2/NDF : 943476.7/12

In: 1510.205+/-0.718 χ^2/NDF : 588525.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1487.334+/-0.472 χ^2/NDF : 943476.7/12

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 : 12.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

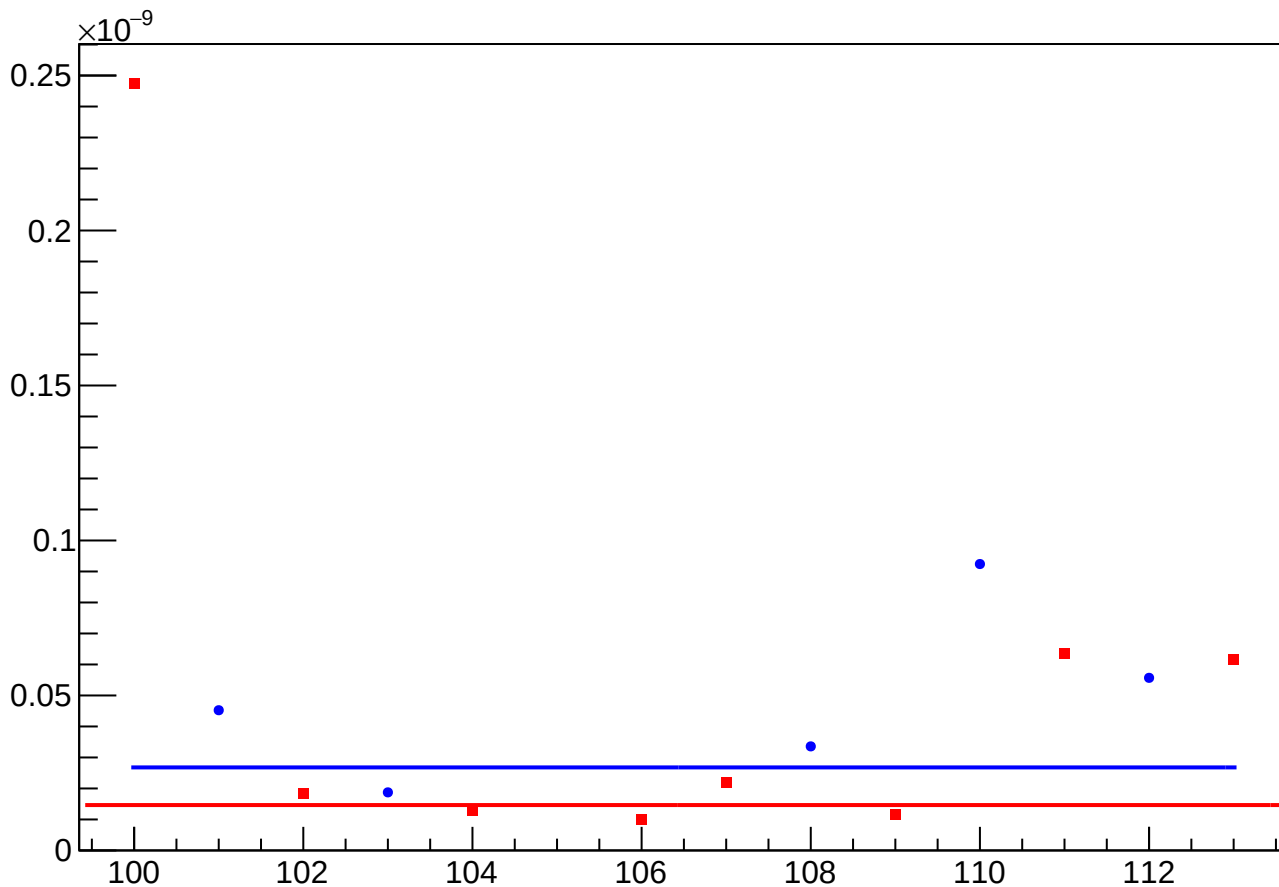
Right: 0.000+/-0.000 χ^2/NDF : 18.3/12

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 : 18.3/12

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 : 719260.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

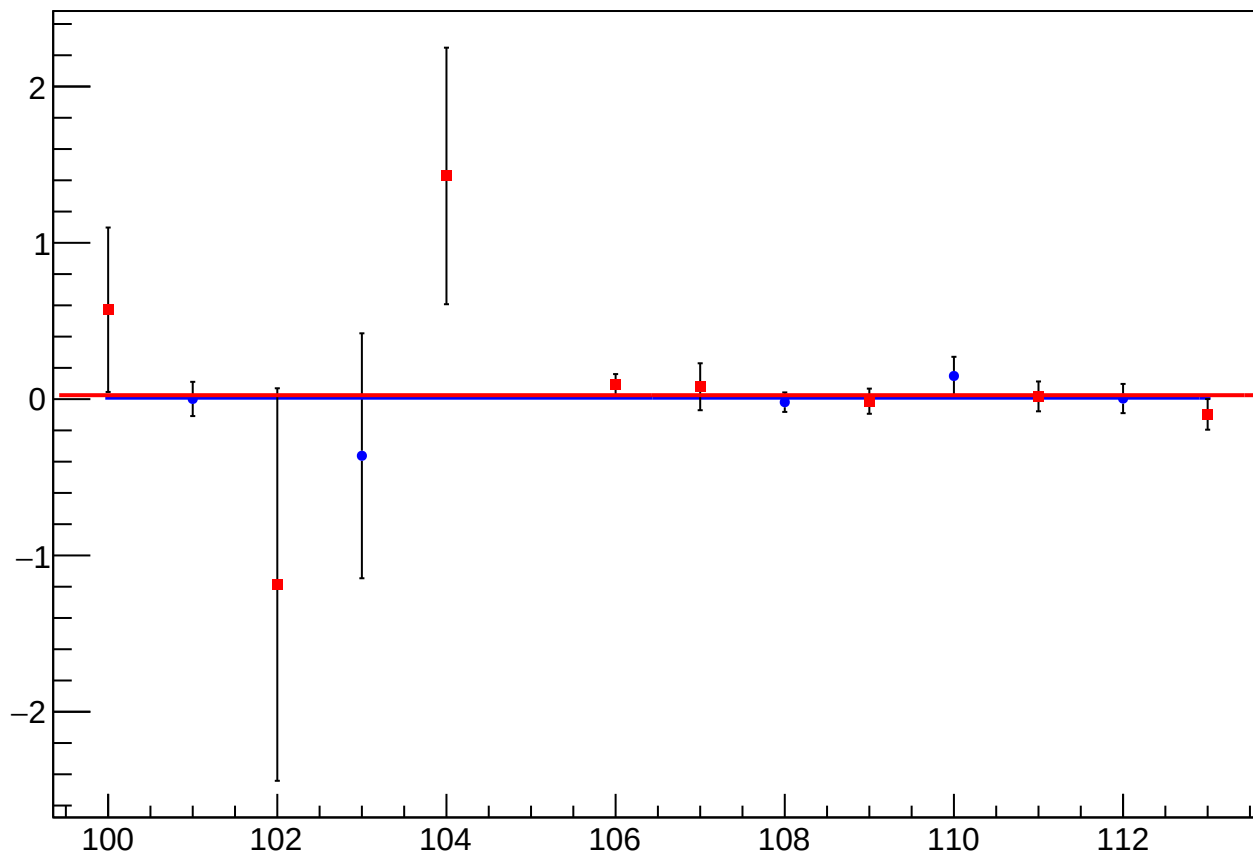
Right: 0.000+/-0.000 χ^2/NDF : 1638301.4/12

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 : 1638301.4/12

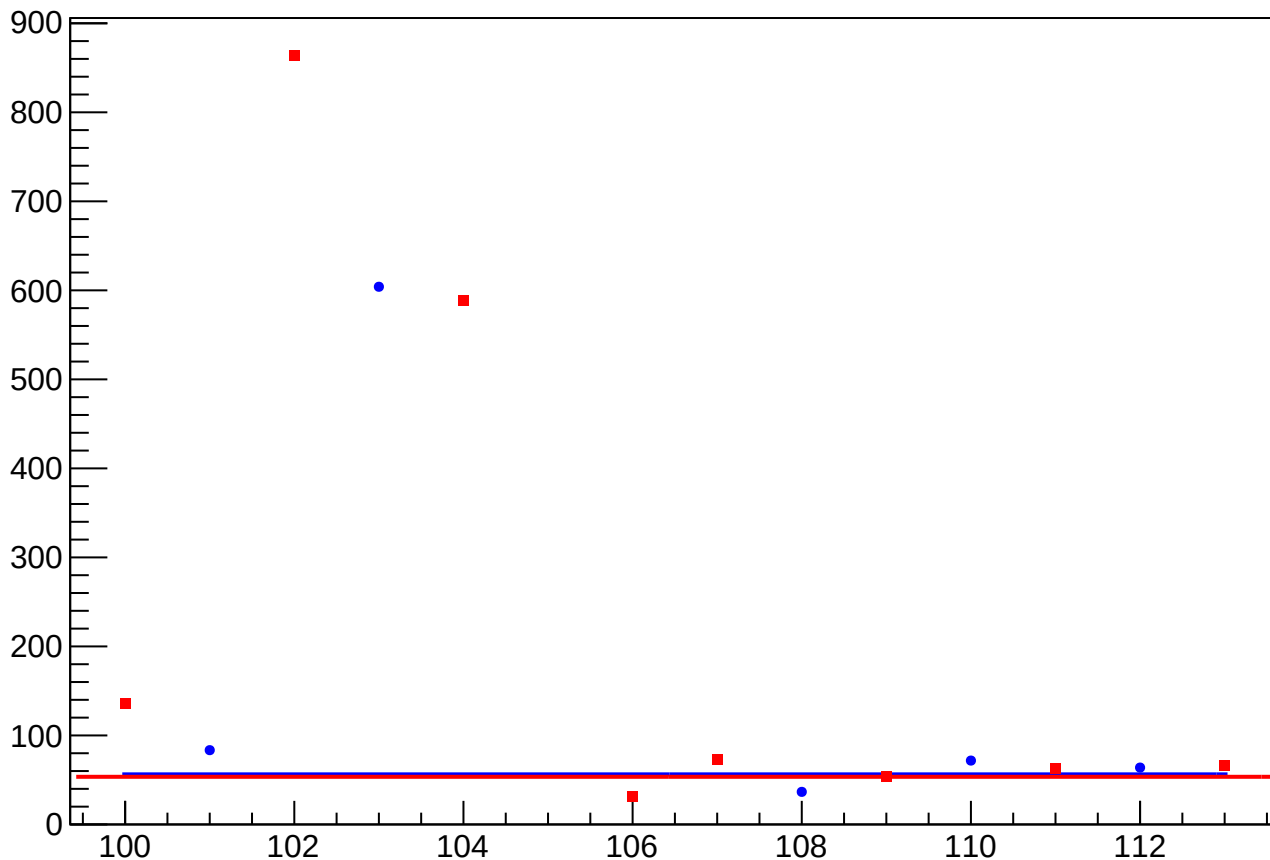
asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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: 0.025+/-0.040 χ^2/NDF : 7.8/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.018+/-0.029 χ^2/NDF : 9.6/12
 In: 0.009+/-0.044 χ^2/NDF : 1.7/4
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.018+/-0.029 χ^2/NDF : 9.6/12

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.280 $\pm$ 0.031 χ^2 /NDF: 1344961.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 53.535 $\pm$ 0.028 χ^2 /NDF: 2027341.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

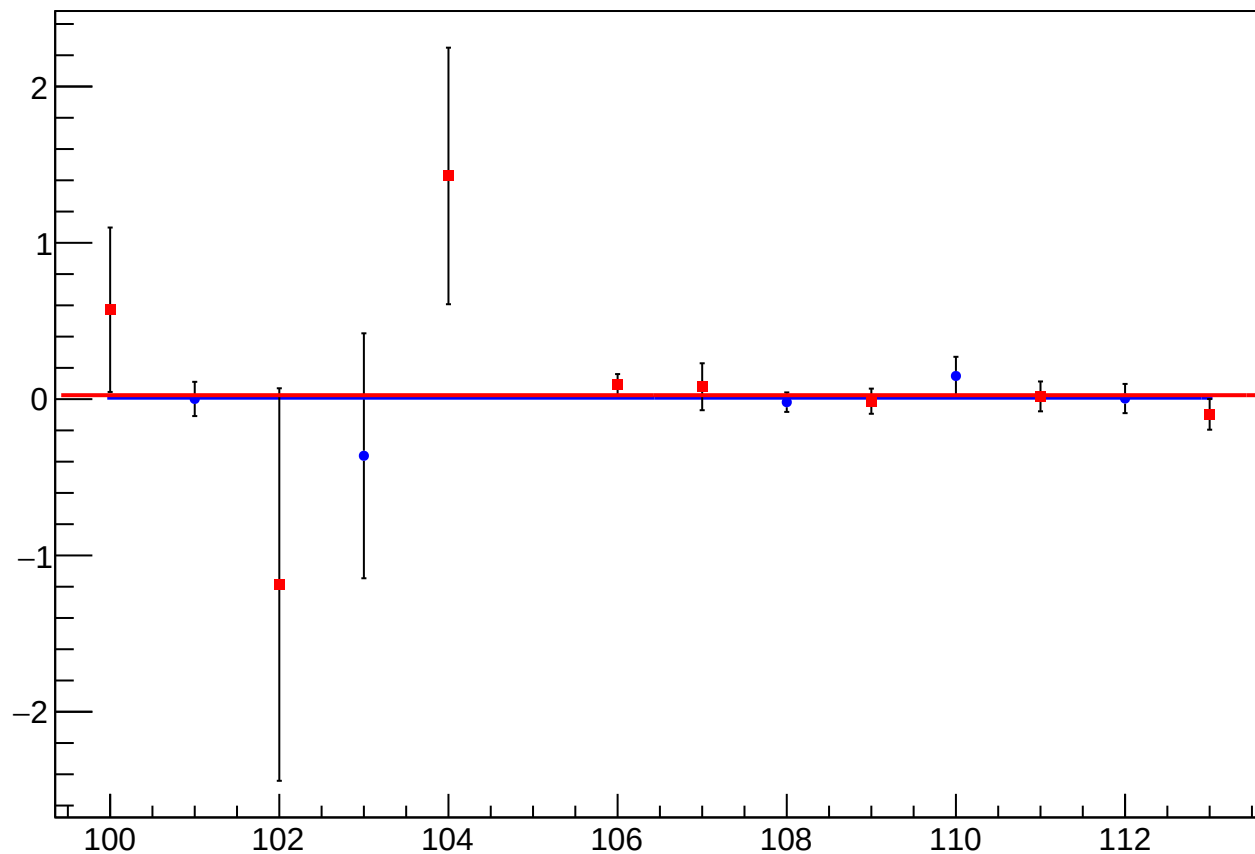
Right: 54.783 $\pm$ 0.021 χ^2 /NDF: 3376605.9/12

In: 56.280 $\pm$ 0.031 χ^2 /NDF:1344961.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 54.783 $\pm$ 0.021 χ^2 /NDF: 3376605.9/12

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: 0.025+/-0.040 χ^2/NDF : 7.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

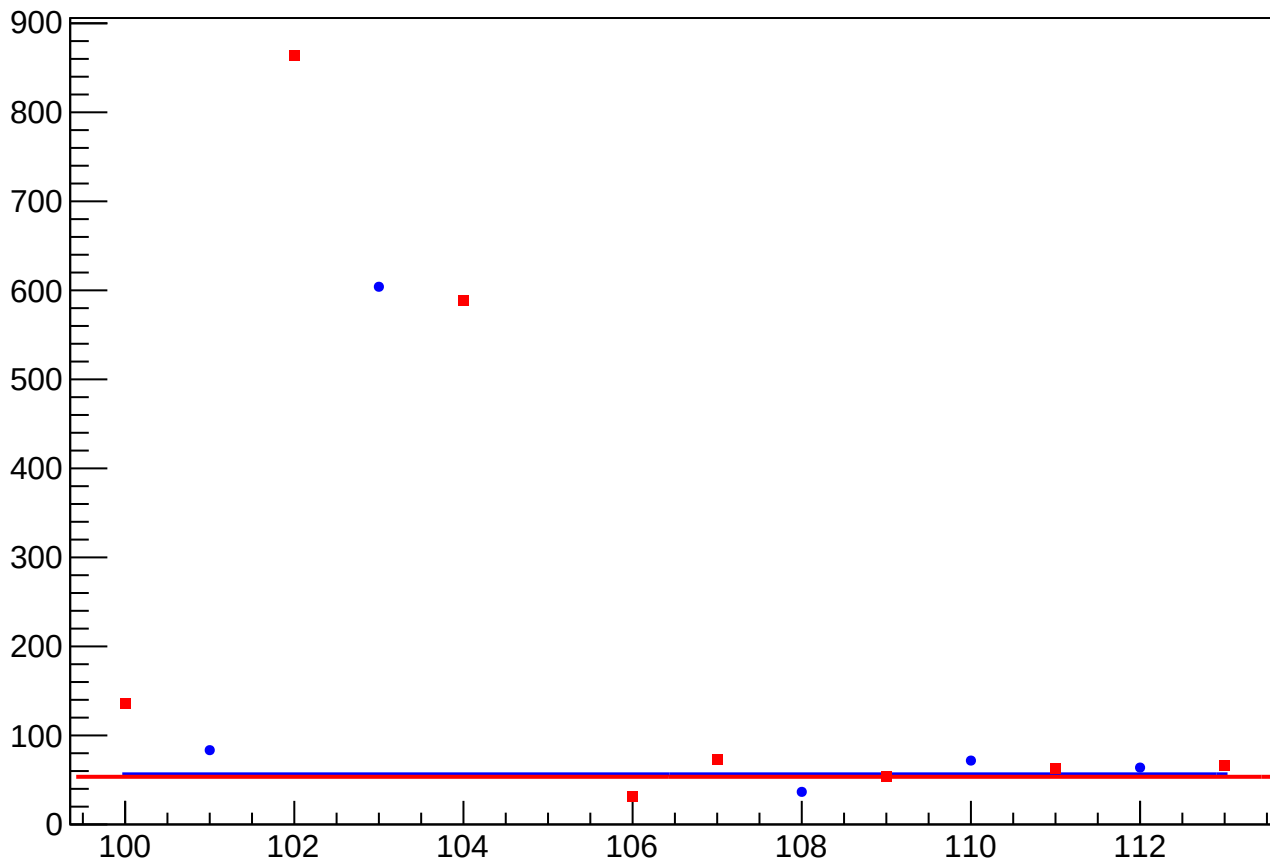
Right: 0.018+/-0.029 χ^2/NDF : 9.6/12

In: 0.009+/-0.044 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.029 χ^2/NDF : 9.6/12

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.280 $\pm$ 0.031 χ^2 /NDF: 1344961.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 53.535 $\pm$ 0.028 χ^2 /NDF: 2027341.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

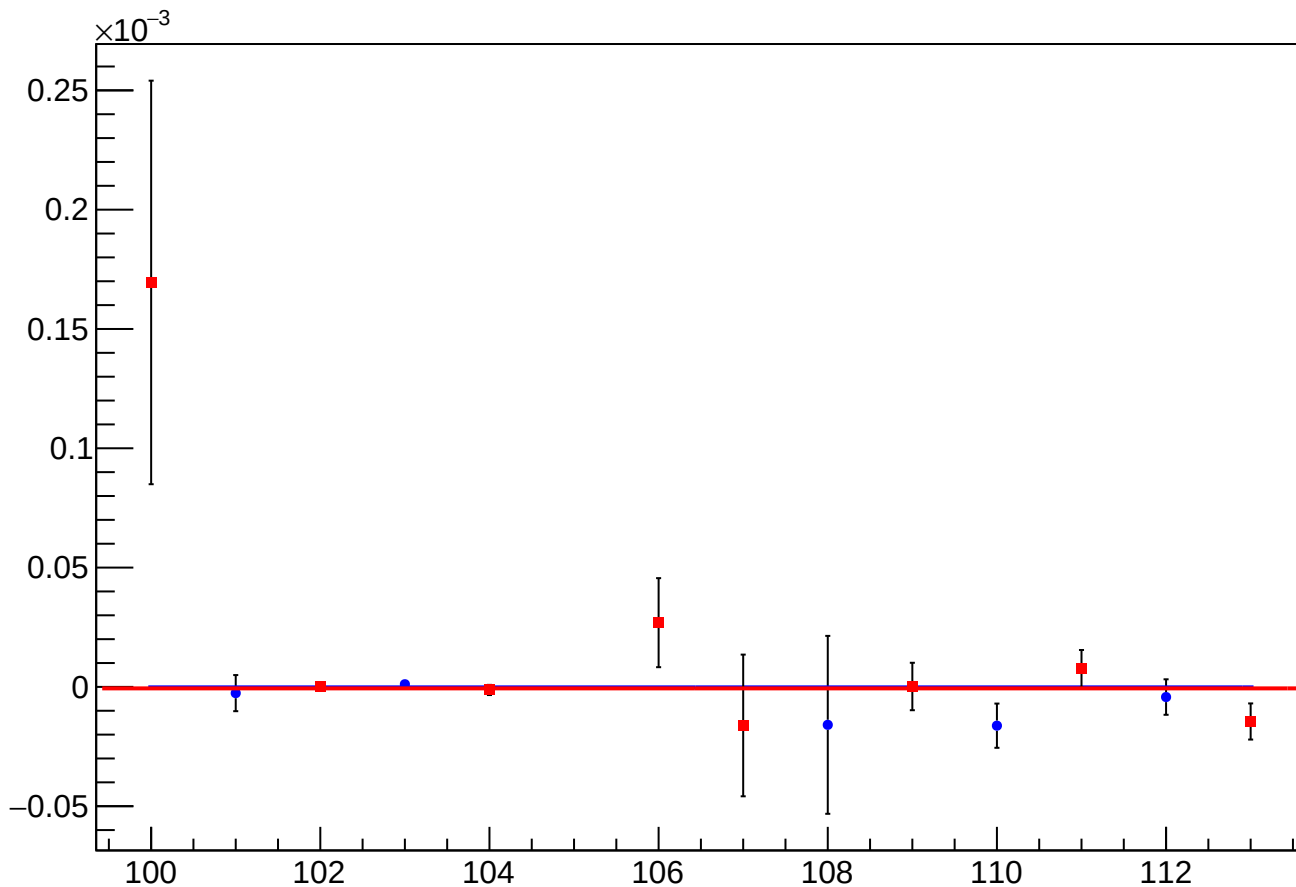
Right: 54.783 $\pm$ 0.021 χ^2 /NDF: 3376605.9/12

In: 56.280 $\pm$ 0.031 χ^2 /NDF:1344961.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 54.783 $\pm$ 0.021 χ^2 /NDF: 3376605.9/12

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 : 11.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

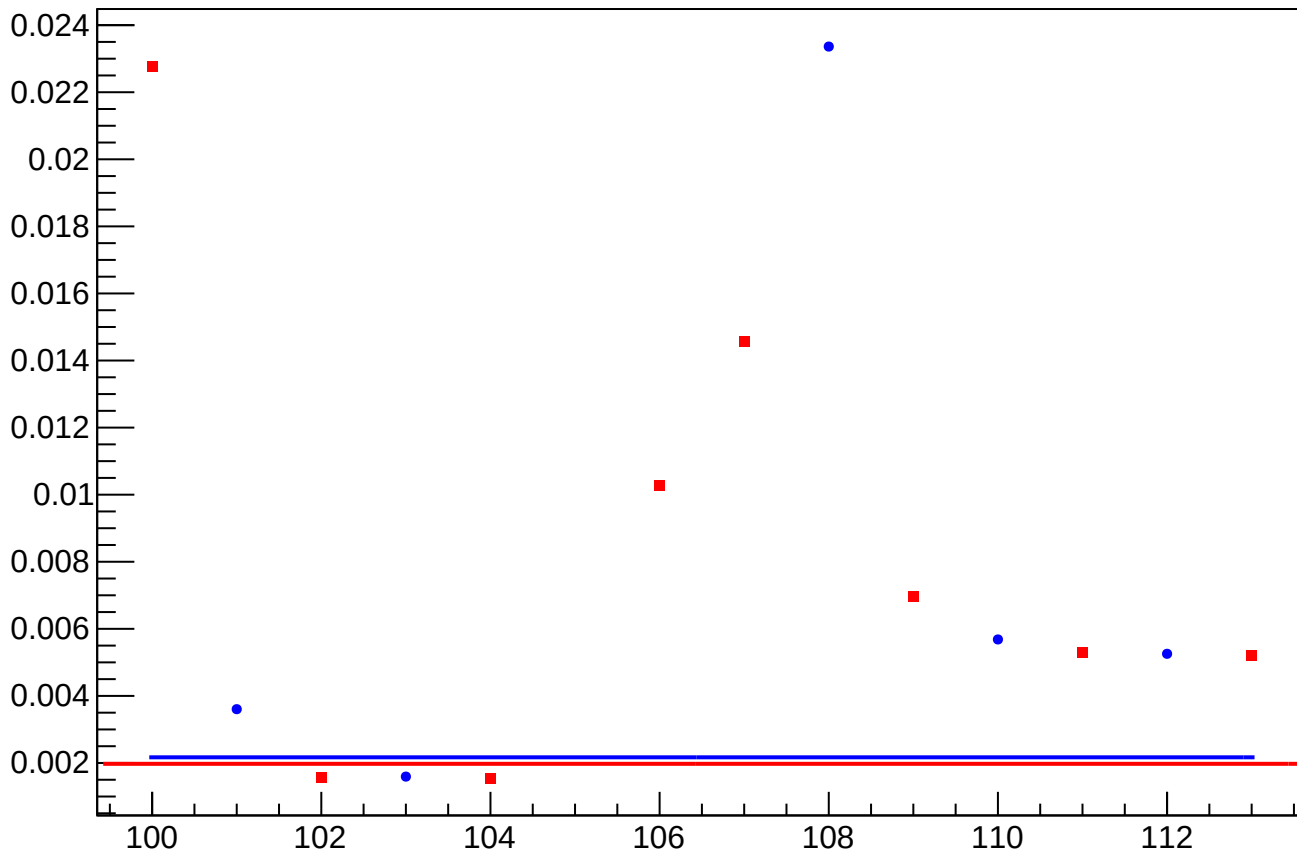
Right: -0.000+/-0.000 χ^2/NDF : 15.2/12

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 : 15.2/12

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 : 2266850.3/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

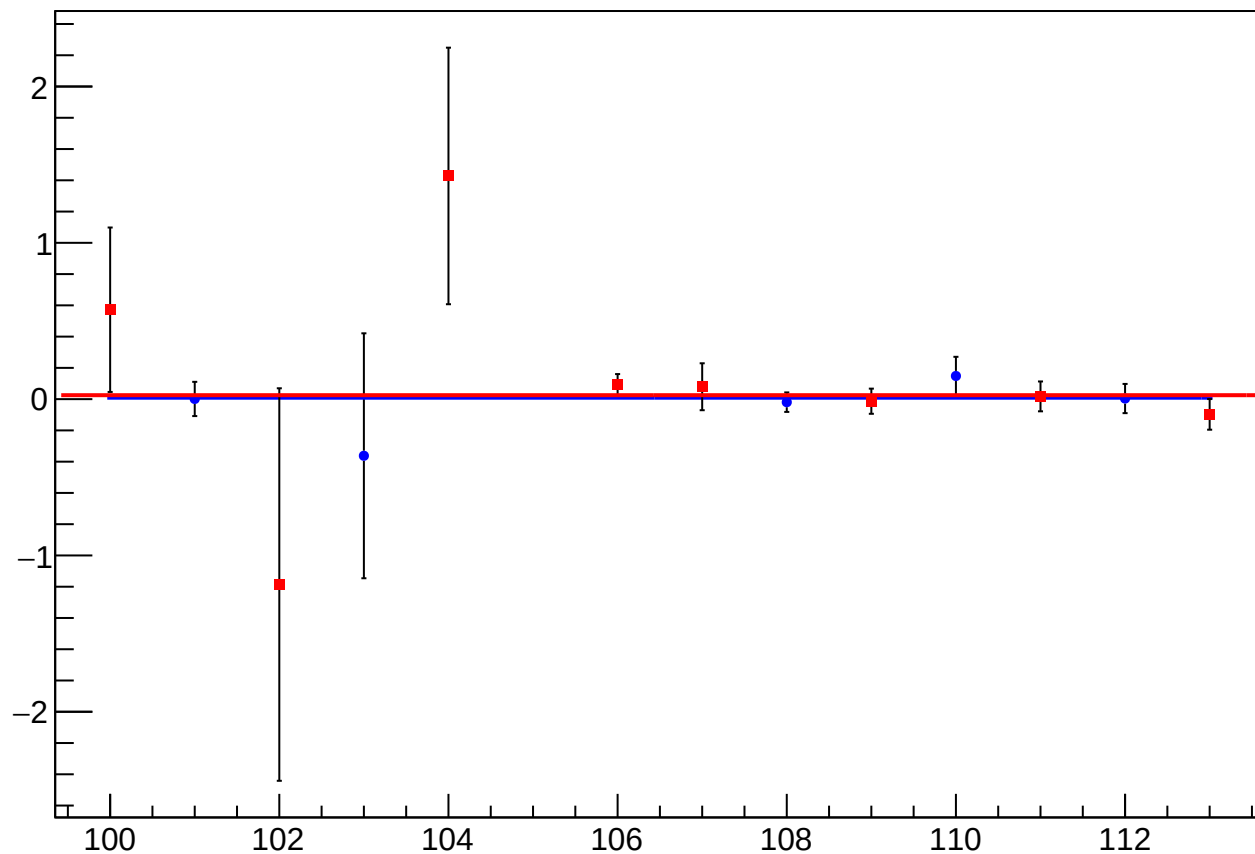
Right: 0.002+/-0.000 χ^2/NDF : 3788762.1/12

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 : 3788762.1/12

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.044 χ^2 /NDF: 1.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.025 $\pm$ 0.040 χ^2 /NDF: 7.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

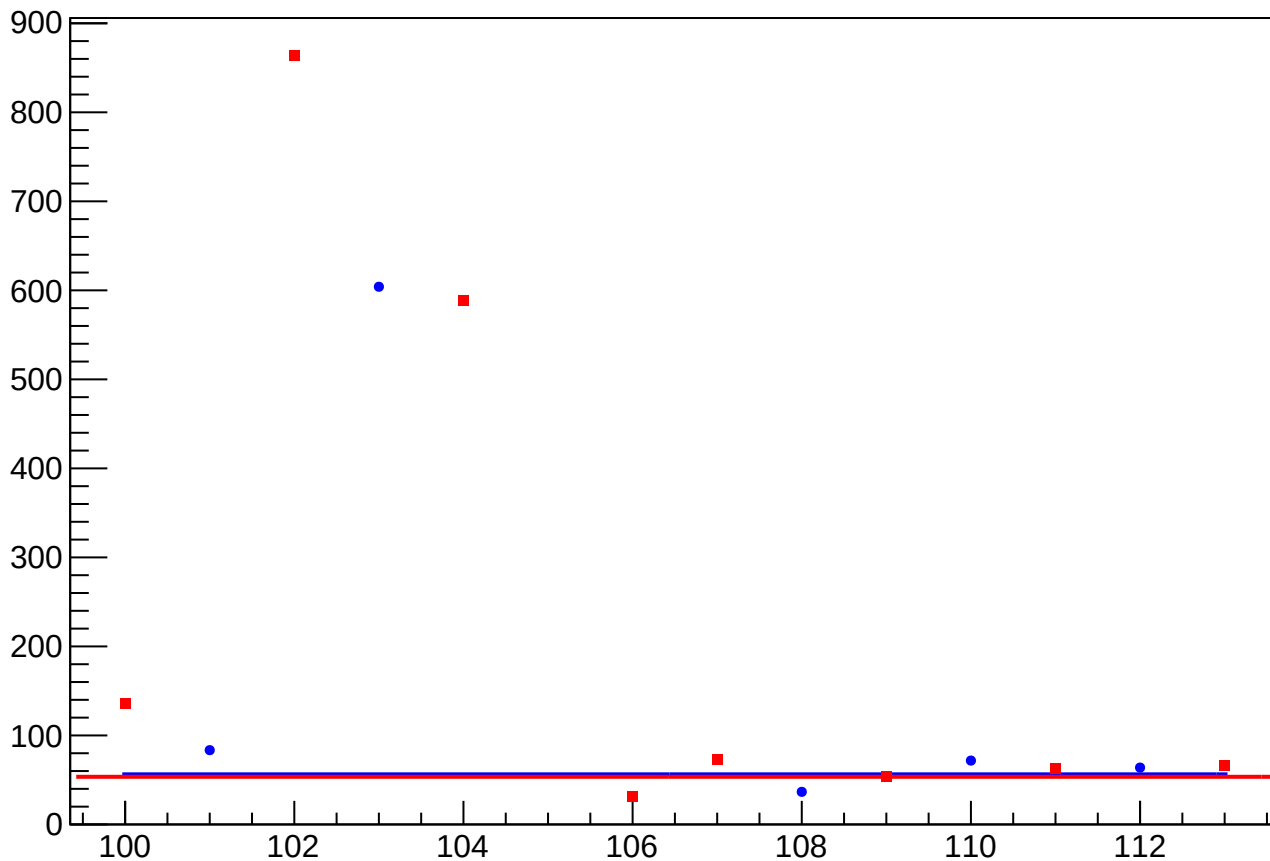
Right: 0.018 $\pm$ 0.029 χ^2 /NDF: 9.6/12

In: 0.009 $\pm$ 0.044 χ^2 /NDF:1.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.018 $\pm$ 0.029 χ^2 /NDF: 9.6/12

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.294 $\pm$ 0.031 χ^2 /NDF: 1344543.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 53.538 $\pm$ 0.028 χ^2 /NDF: 2027172.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

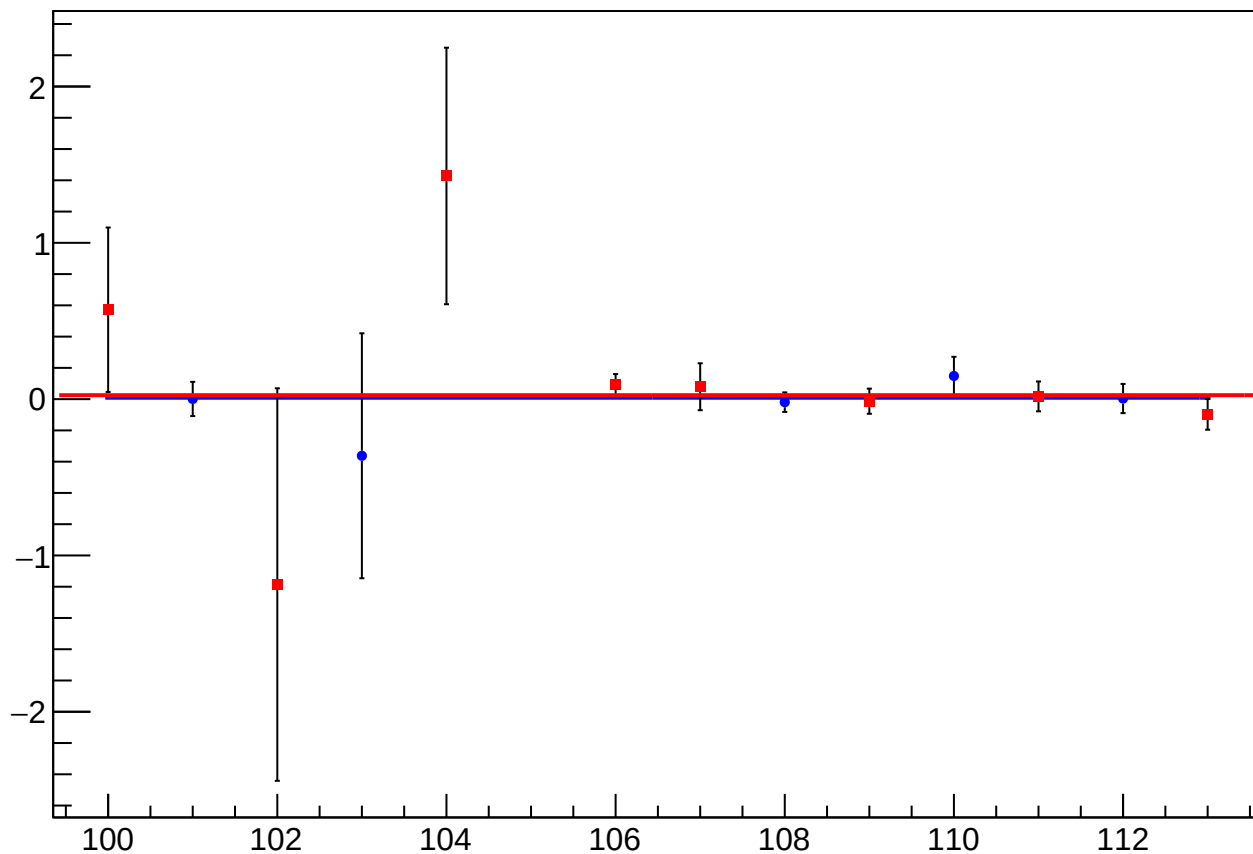
Right: 54.791 $\pm$ 0.021 χ^2 /NDF: 3376050.8/12

In: 56.294 $\pm$ 0.031 χ^2 /NDF:1344543.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 54.791 $\pm$ 0.021 χ^2 /NDF: 3376050.8/12

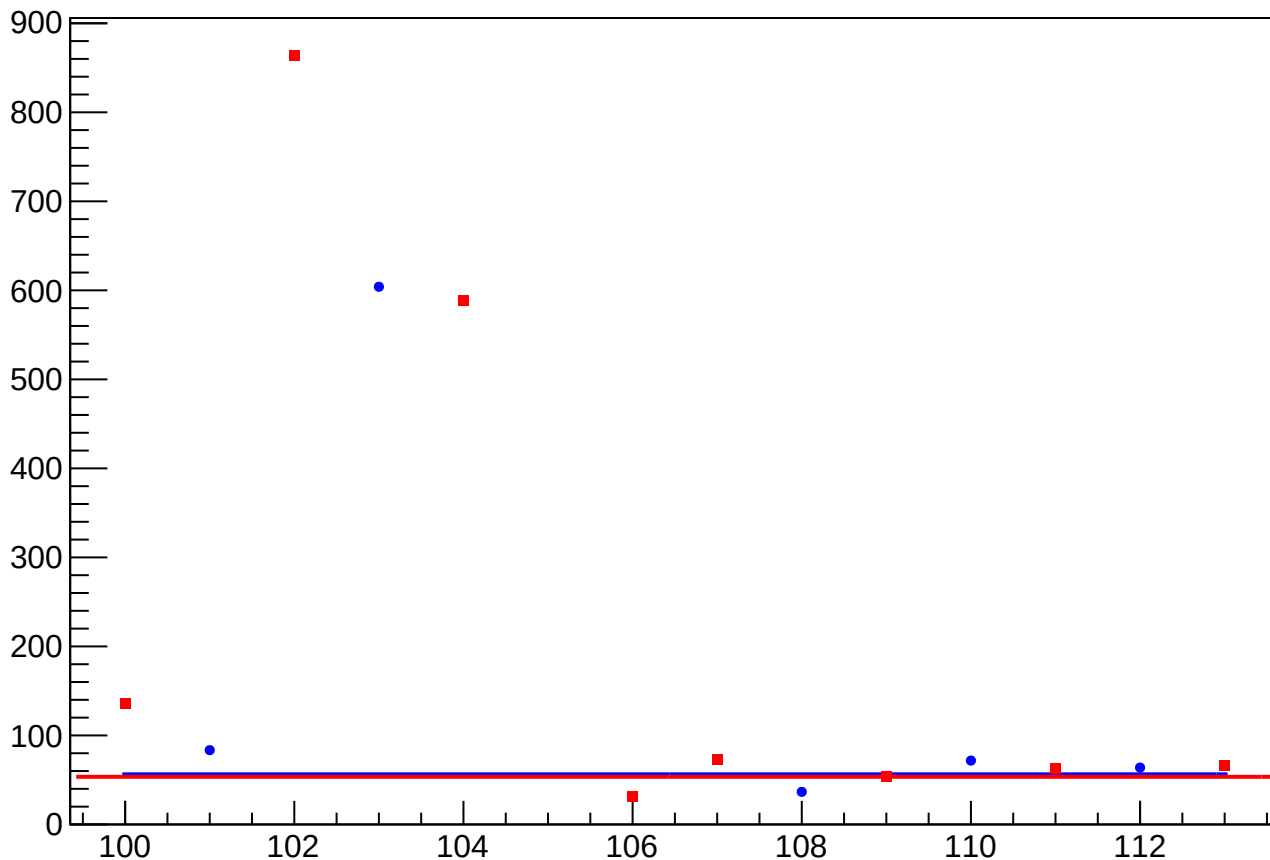
asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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: 0.025+/-0.040 χ^2/NDF : 7.8/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.018+/-0.029 χ^2/NDF : 9.6/12
 In: 0.009+/-0.044 χ^2/NDF : 1.7/4
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.018+/-0.029 χ^2/NDF : 9.6/12

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.294 $\pm$ 0.031 χ^2 /NDF: 1344543.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 53.538 $\pm$ 0.028 χ^2 /NDF: 2027172.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

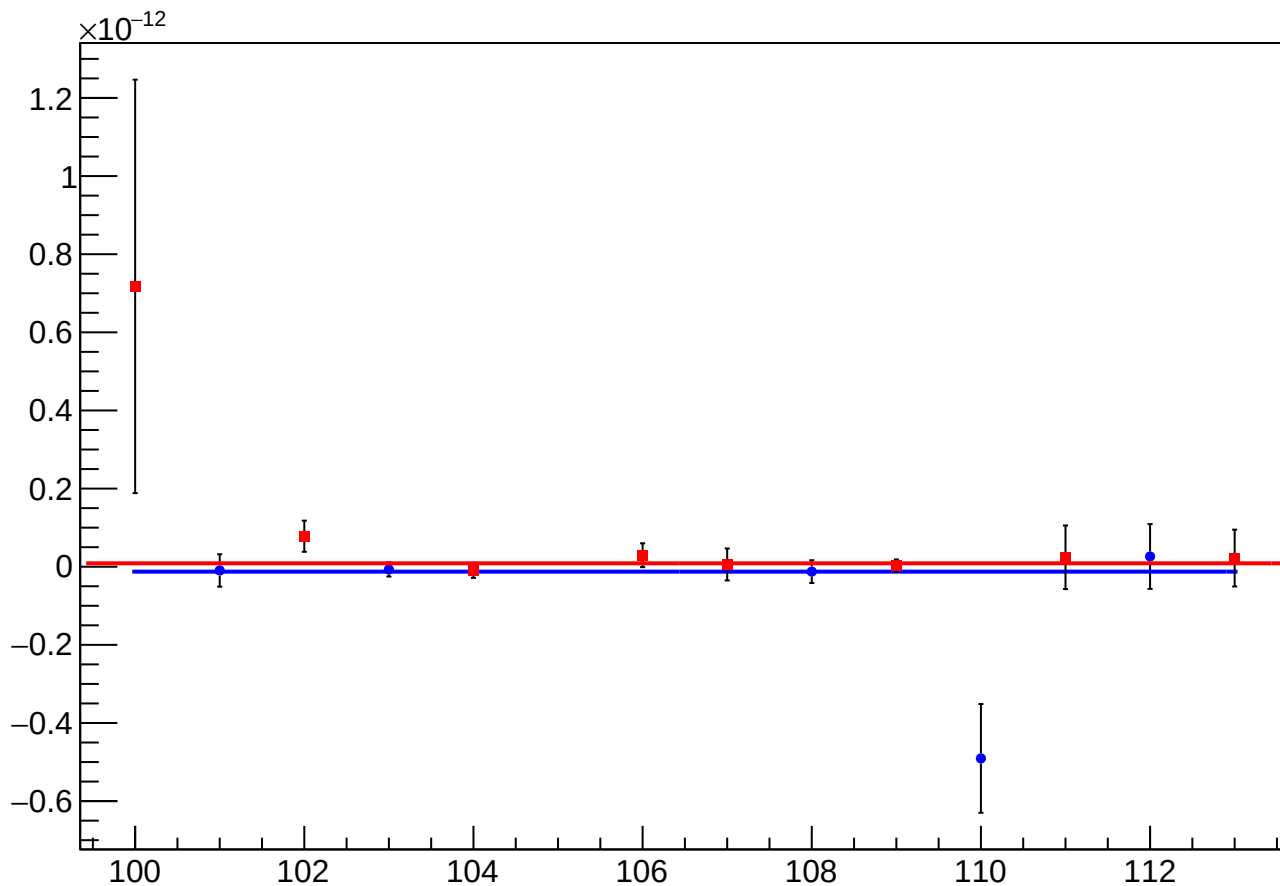
Right: 54.791 $\pm$ 0.021 χ^2 /NDF: 3376050.8/12

In: 56.294 $\pm$ 0.031 χ^2 /NDF:1344543.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 54.791 $\pm$ 0.021 χ^2 /NDF: 3376050.8/12

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 : 6.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

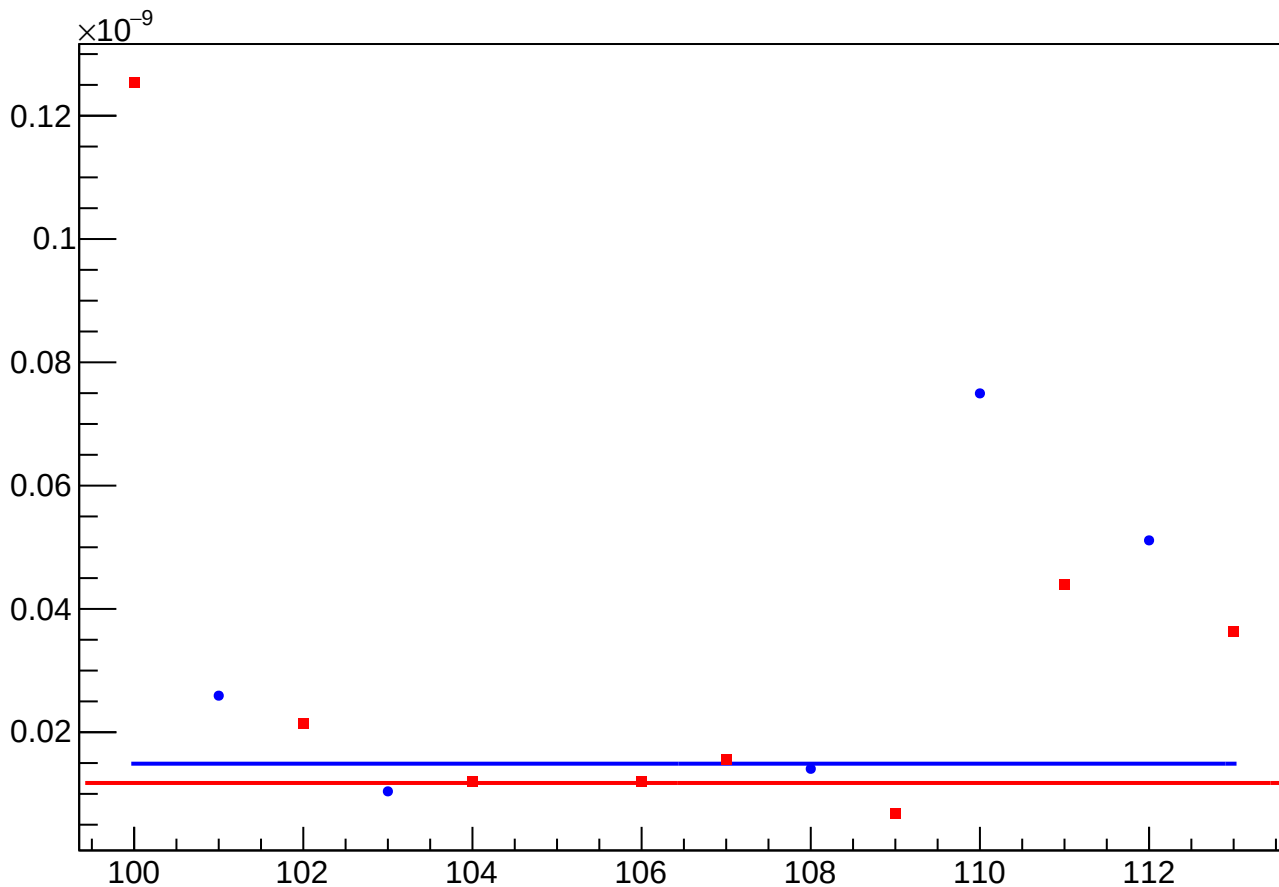
Right: 0.000+/-0.000 χ^2/NDF : 19.9/12

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 : 19.9/12

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 : 958848.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

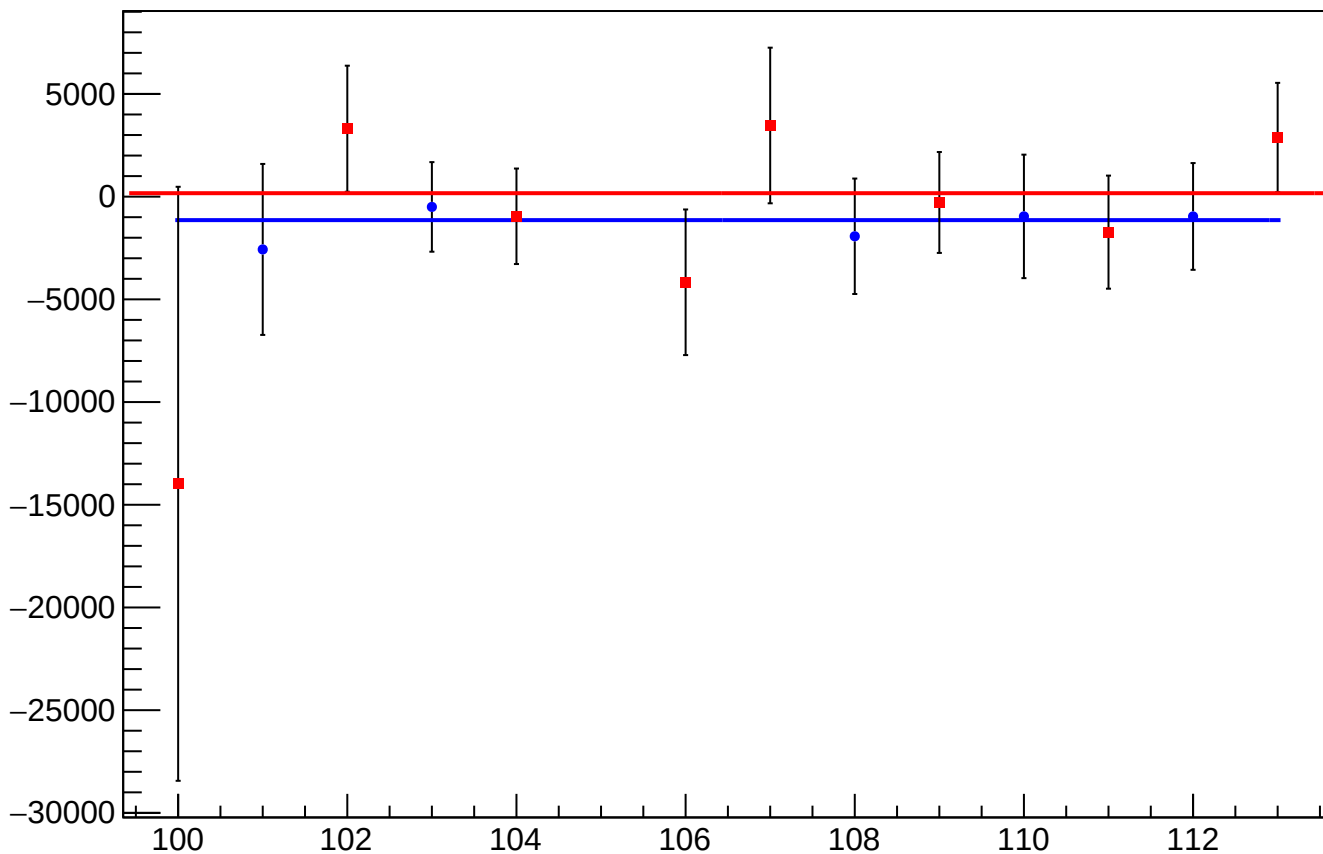
Right: 0.000+/-0.000 χ^2/NDF : 2042377.5/12

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 : 2042377.5/12

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: 168.163+/-1063.382 χ^2/NDF : 6.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

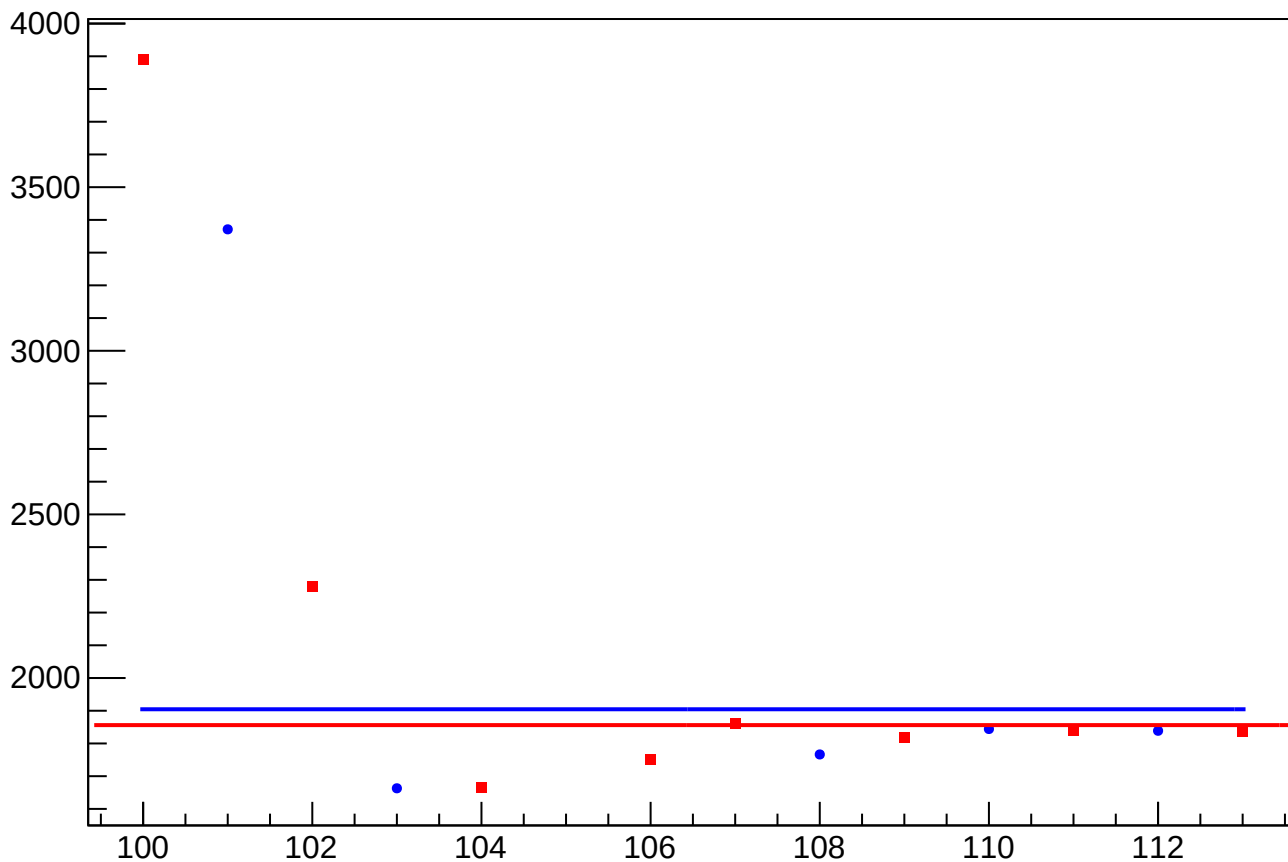
Right: -388.957+/-806.402 χ^2/NDF : 7.0/12

In: -1142.941+/-1237.075 χ^2/NDF : 0.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -388.957+/-806.402 χ^2/NDF : 7.0/12

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: 1856.081+/-0.752 χ^2/NDF : 93688.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

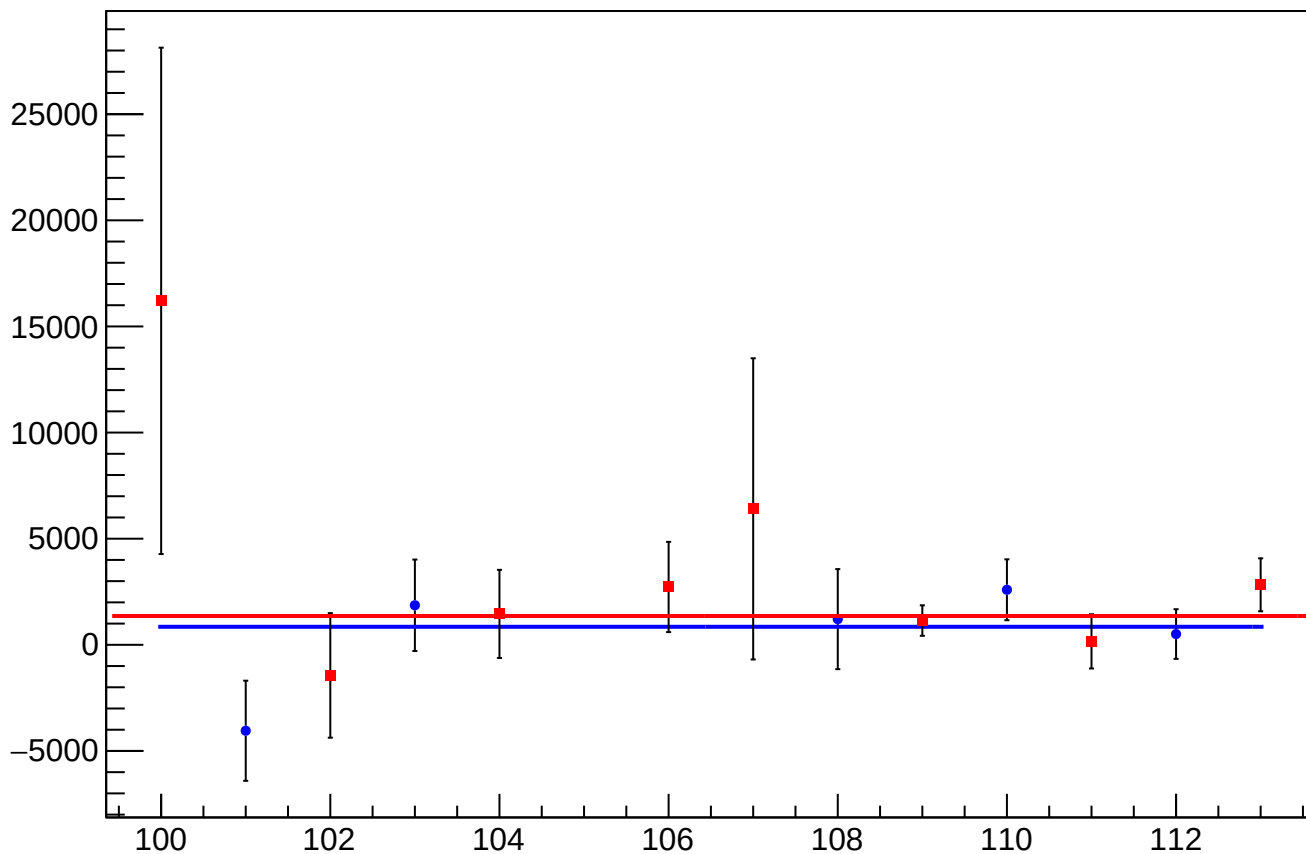
Right: 1876.653+/-0.570 χ^2/NDF : 375271.3/12

In: 1904.495+/-0.875 χ^2/NDF : 279821.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1876.653+/-0.570 χ^2/NDF : 375271.3/12

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: 1357.809+/-513.519 χ^2/NDF : 5.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

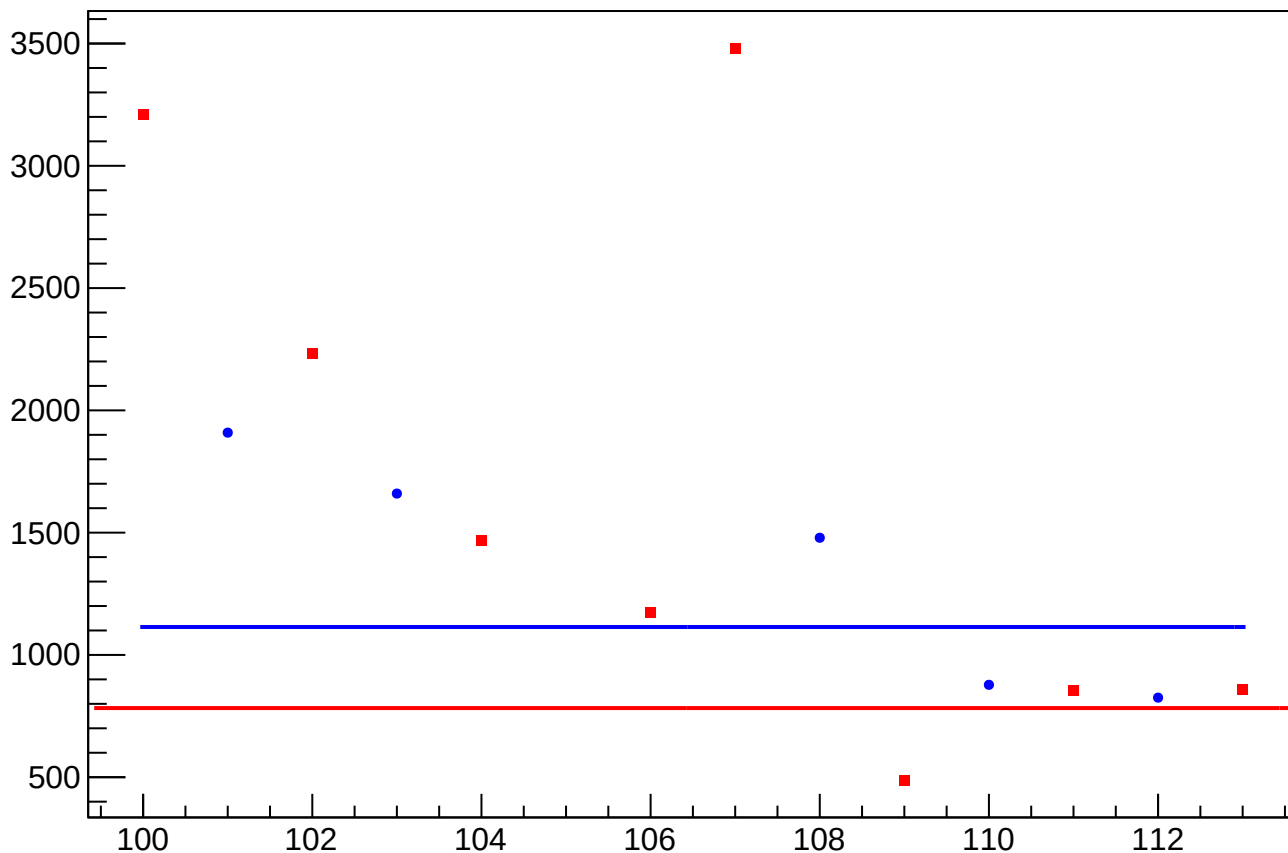
Right: 1194.717+/-423.137 χ^2/NDF : 12.2/12

In: 849.786+/-746.803 χ^2/NDF :6.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1194.717+/-423.137 χ^2/NDF : 12.2/12

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: 782.742+/-0.363 χ^2/NDF : 1500447.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

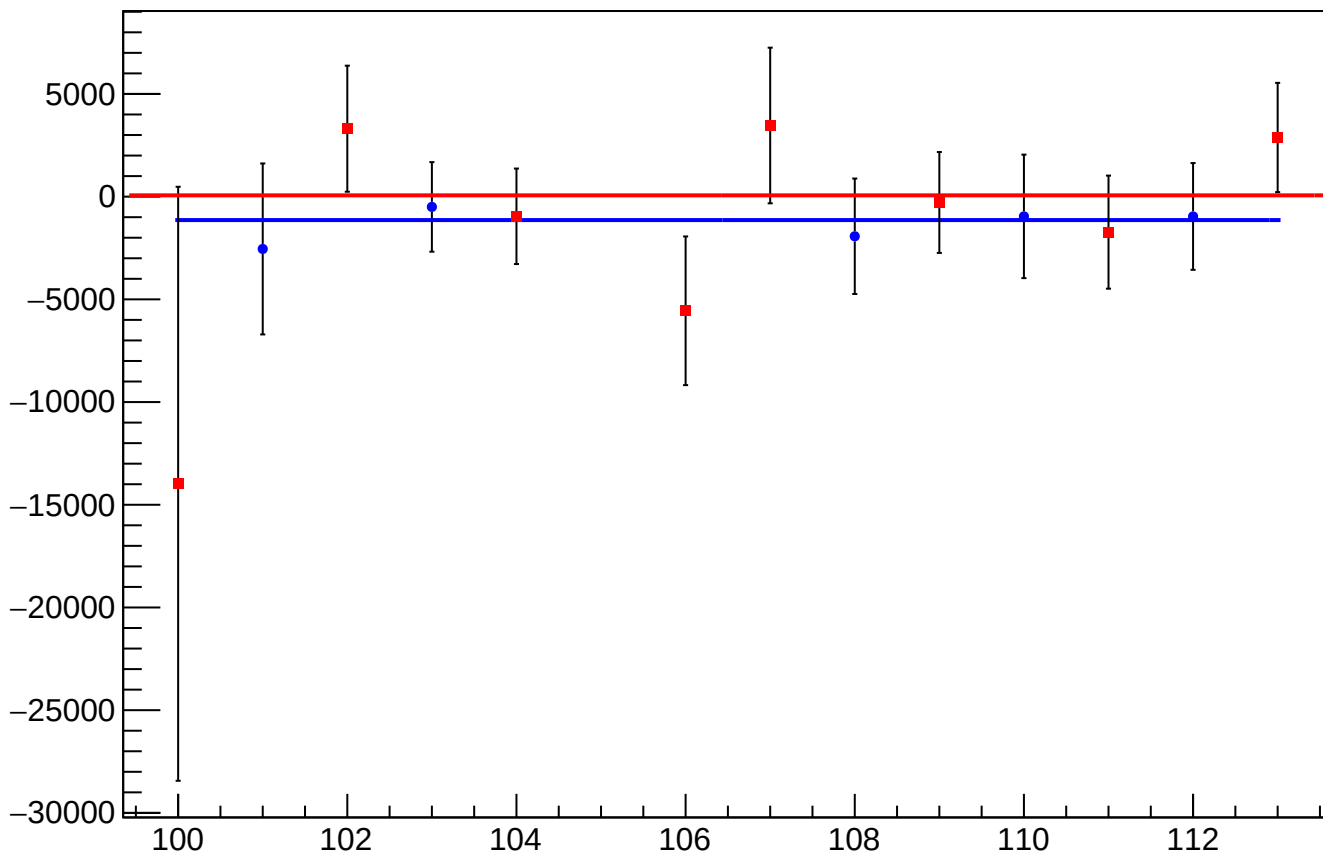
Right: 889.151+/-0.299 χ^2/NDF : 2347784.4/12

In: 1114.201+/-0.528 χ^2/NDF : 579834.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 889.151+/-0.299 χ^2/NDF : 2347784.4/12

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: 63.724+/-1065.341 χ^2/NDF : 7.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

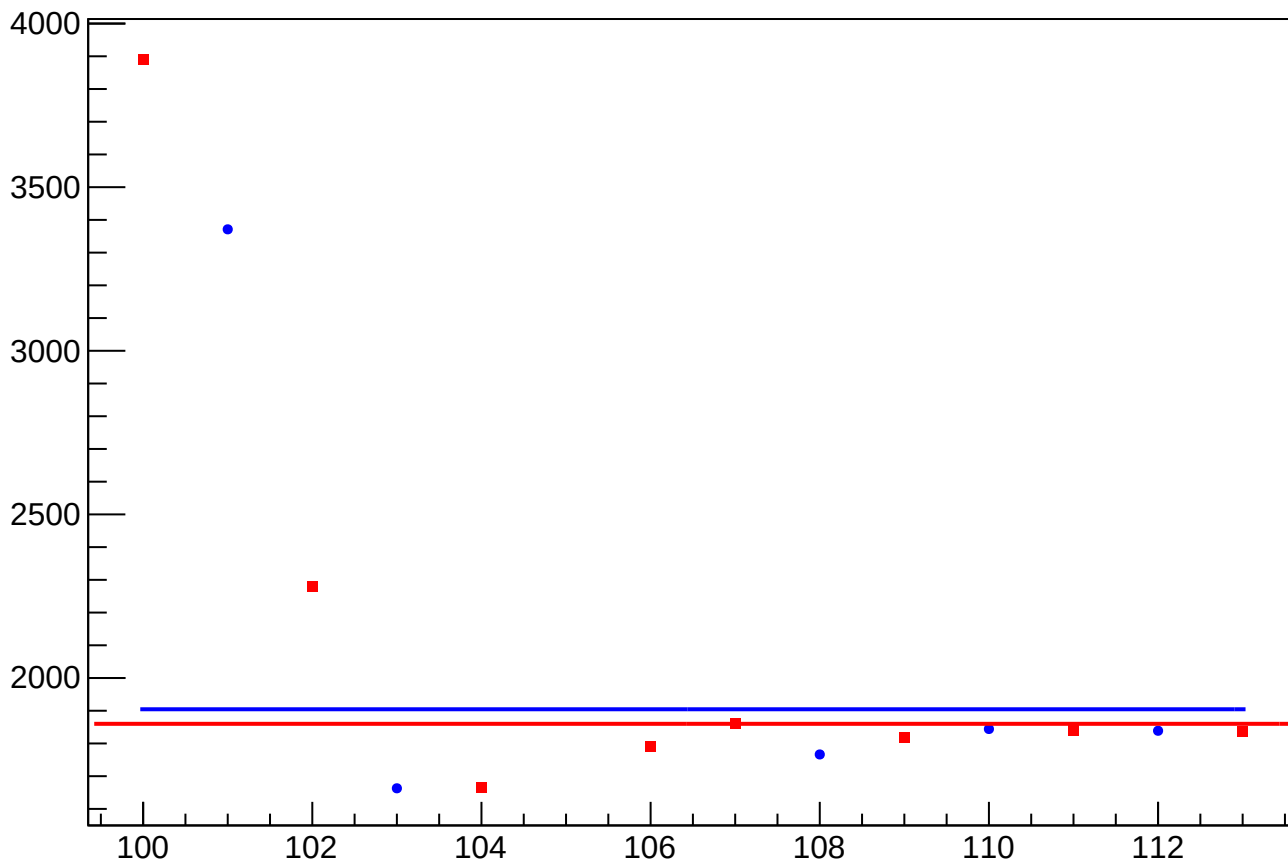
Right: -449.178+/-807.256 χ^2/NDF : 7.9/12

In: -1140.771+/-1237.077 χ^2/NDF : 0.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -449.178+/-807.256 χ^2/NDF : 7.9/12

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: 1860.012+/-0.753 χ^2/NDF : 92527.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

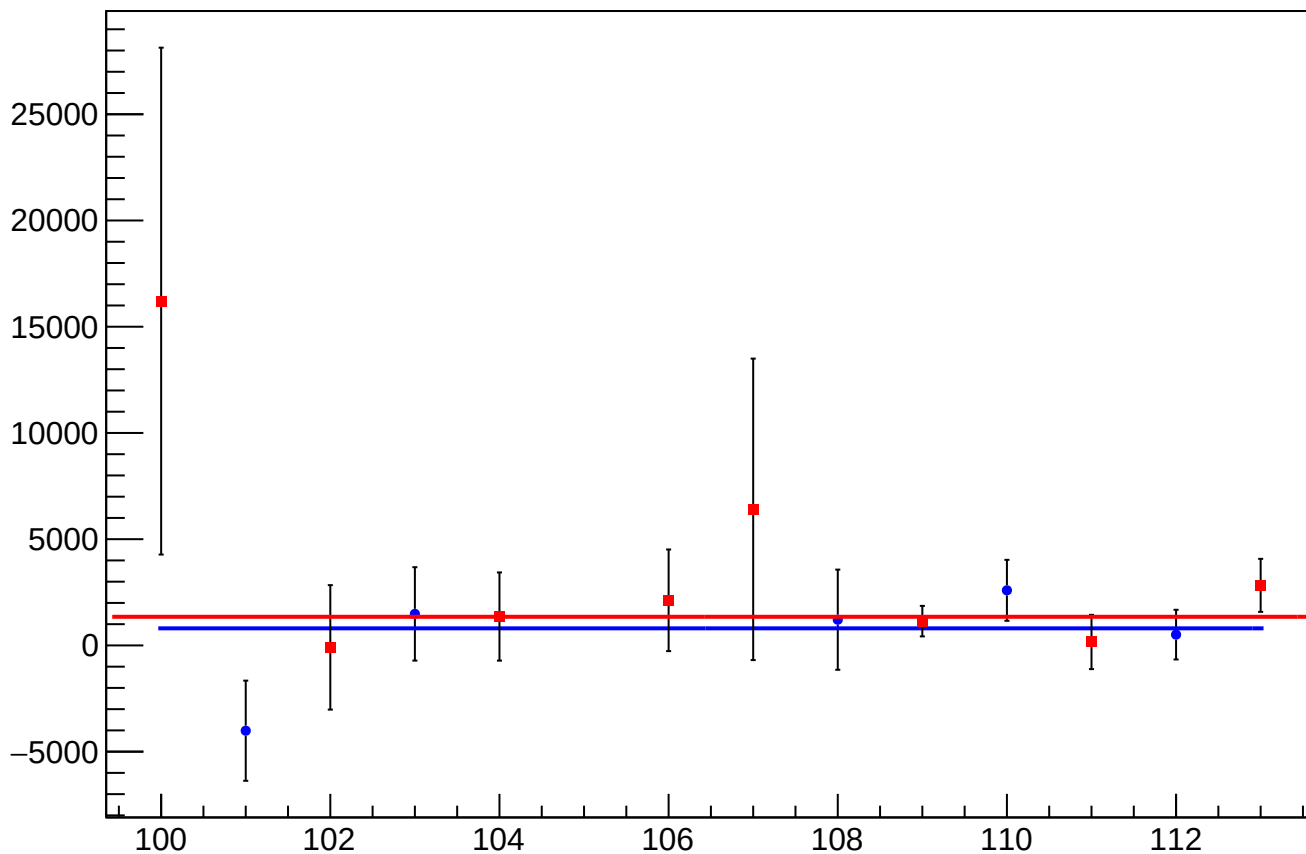
Right: 1878.954+/-0.571 χ^2/NDF : 373835.4/12

In: 1904.495+/-0.875 χ^2/NDF : 279823.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1878.954+/-0.571 χ^2/NDF : 373835.4/12

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: 1347.866+/-516.624 χ^2/NDF : 4.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

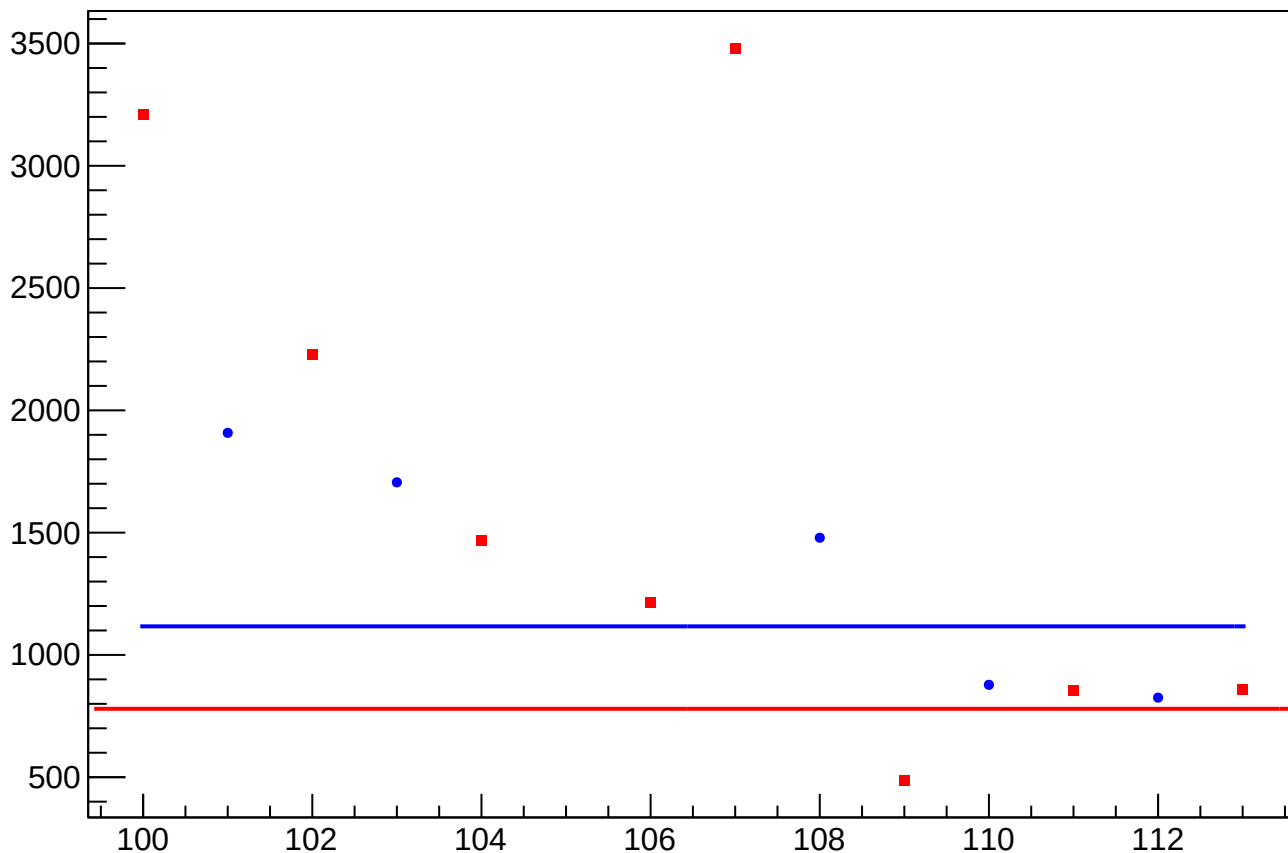
Right: 1172.299+/-425.195 χ^2/NDF : 11.0/12

In: 803.693+/-748.574 χ^2/NDF : 5.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1172.299+/-425.195 χ^2/NDF : 11.0/12

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: 779.709+/-0.365 χ^2/NDF : 1495962.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

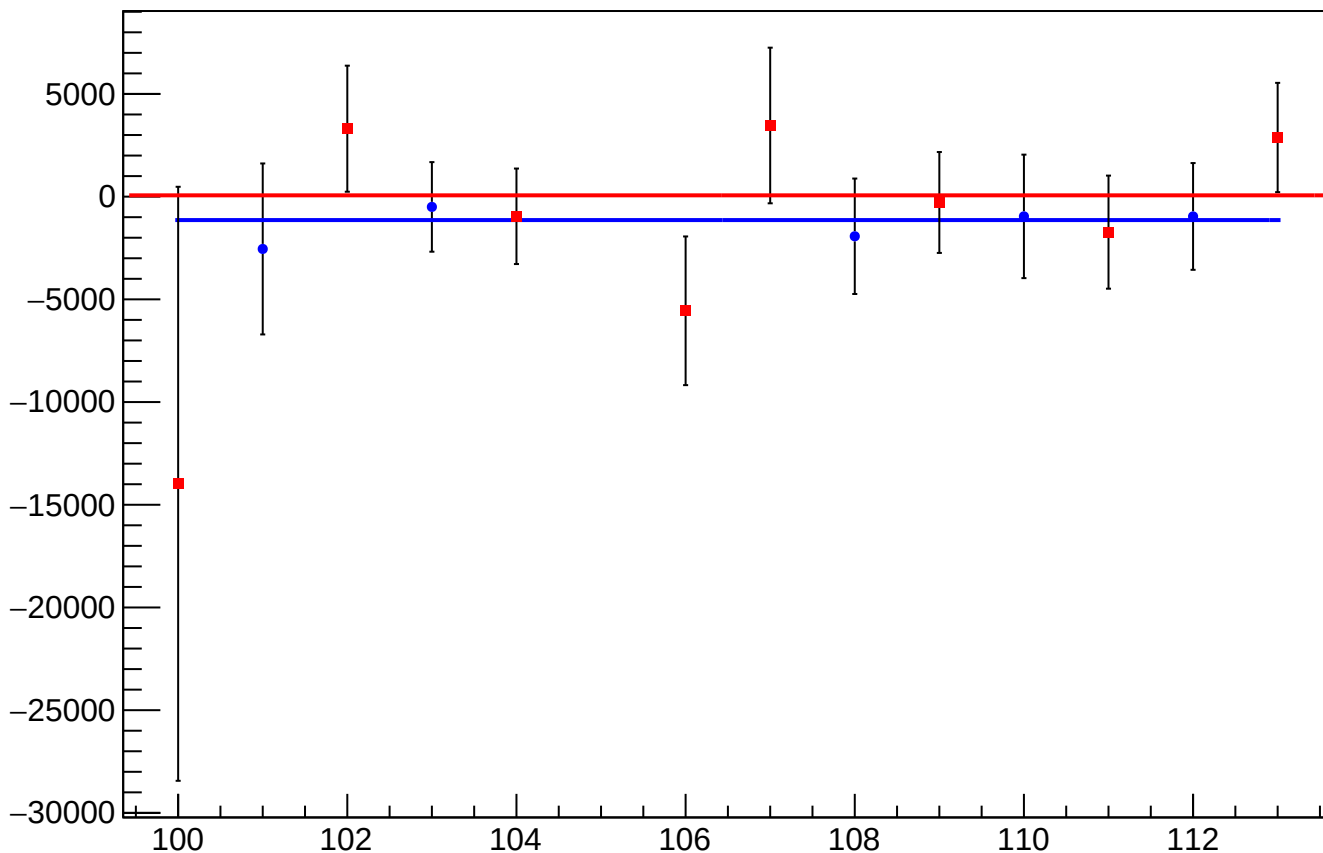
Right: 888.482+/-0.301 χ^2/NDF : 2366713.4/12

In: 1116.854+/-0.529 χ^2/NDF : 595950.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 888.482+/-0.301 χ^2/NDF : 2366713.4/12

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: 63.724+/-1065.341 χ^2/NDF : 7.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

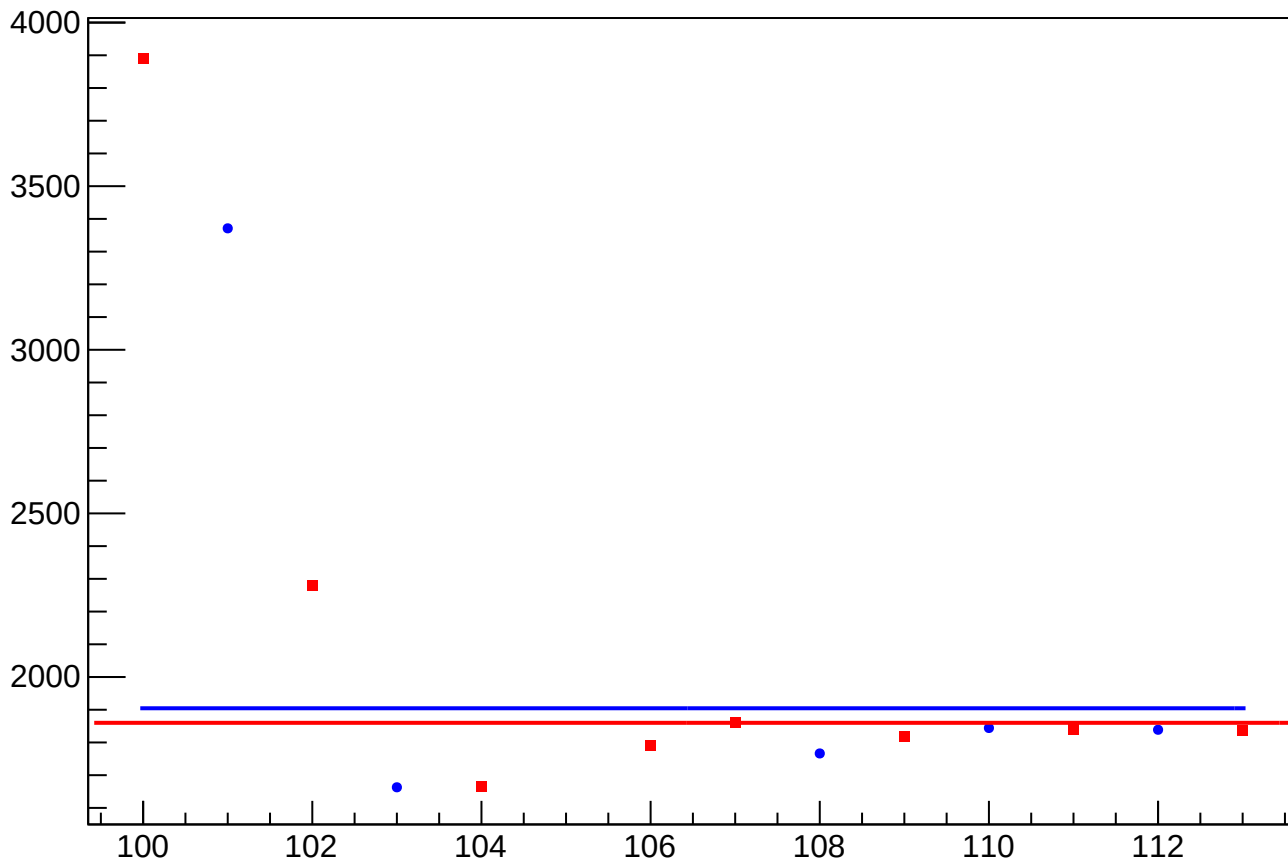
Right: -449.178+/-807.256 χ^2/NDF : 7.9/12

In: -1140.771+/-1237.077 χ^2/NDF : 0.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -449.178+/-807.256 χ^2/NDF : 7.9/12

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: 1860.012+/-0.753 χ^2/NDF : 92527.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

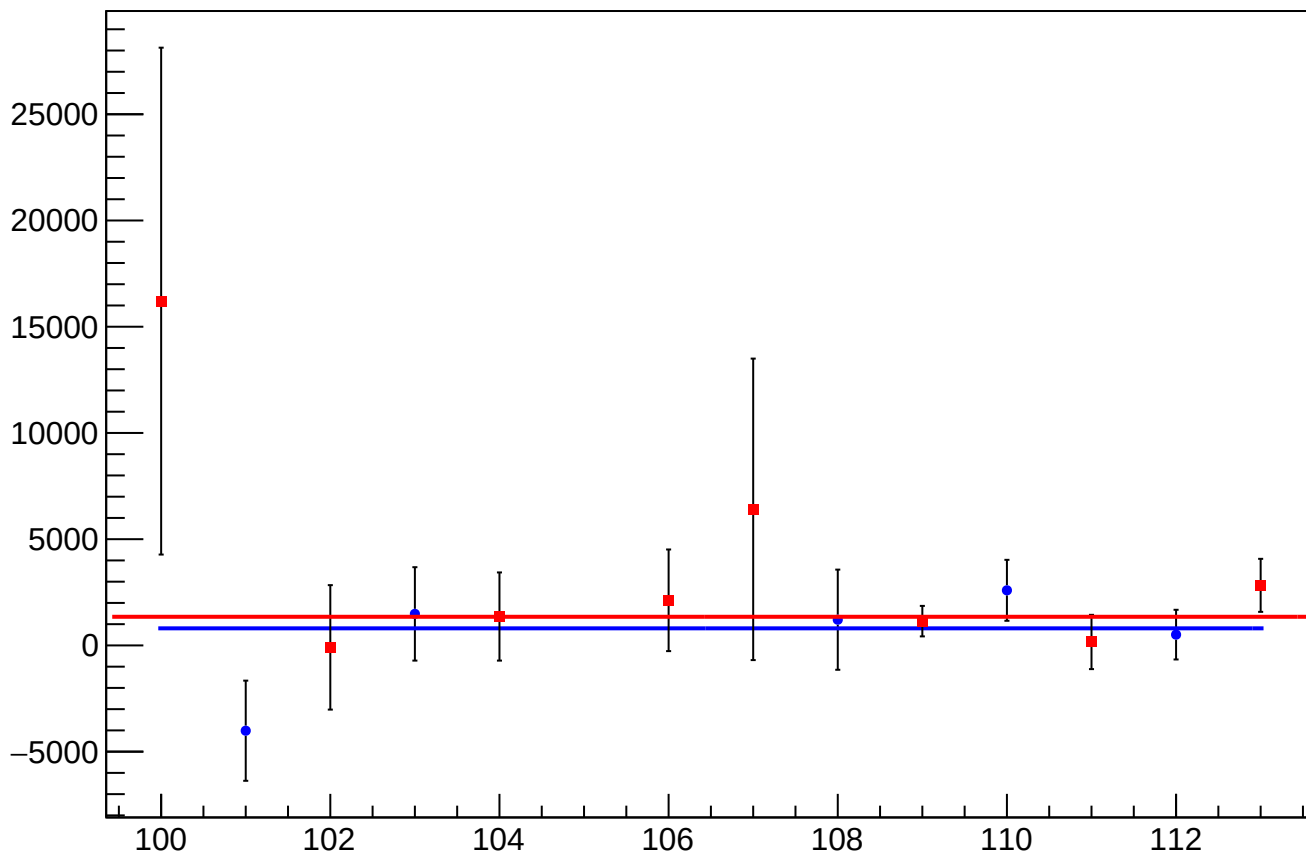
Right: 1878.954+/-0.571 χ^2/NDF : 373835.4/12

In: 1904.495+/-0.875 χ^2/NDF : 279823.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1878.954+/-0.571 χ^2/NDF : 373835.4/12

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: 1347.866+/-516.624 χ^2/NDF : 4.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

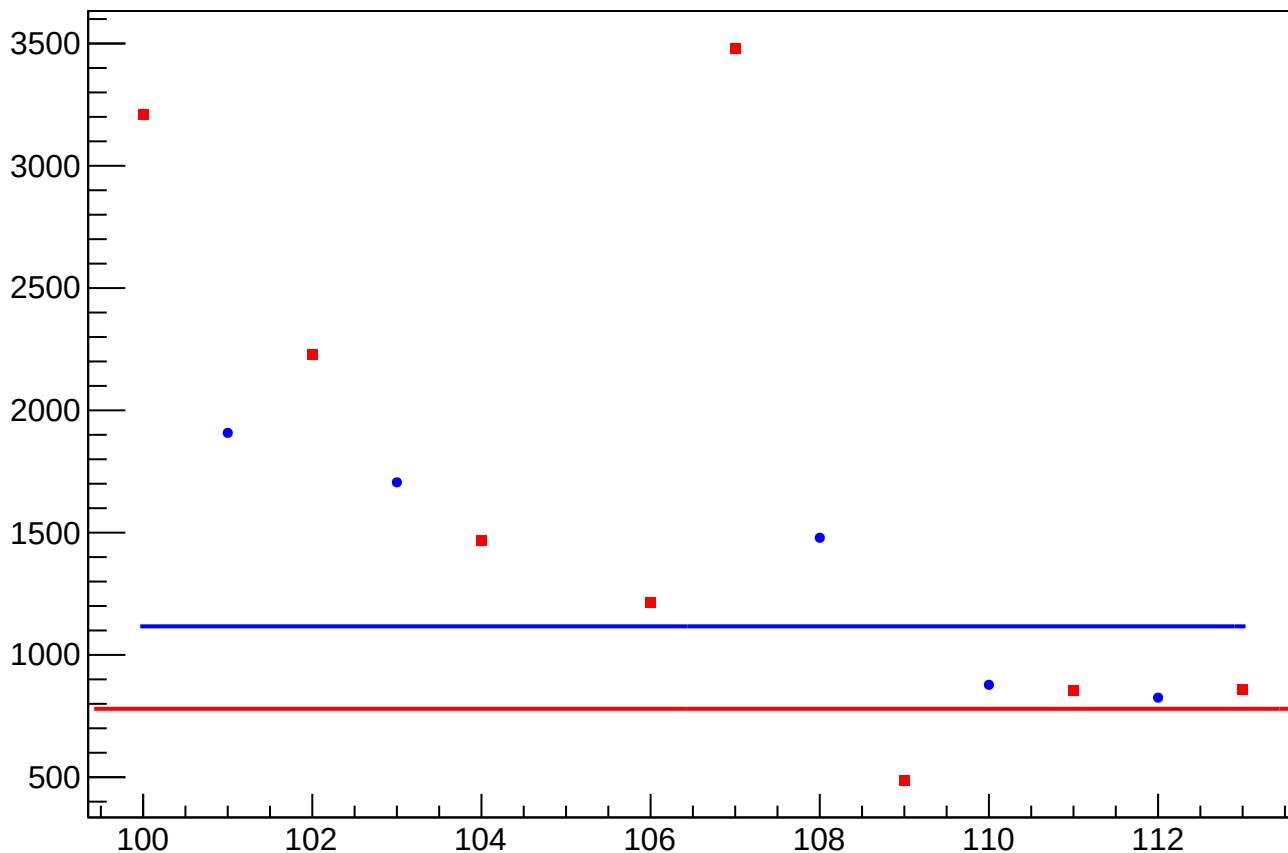
Right: 1172.299+/-425.195 χ^2/NDF : 11.0/12

In: 803.693+/-748.574 χ^2/NDF : 5.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1172.299+/-425.195 χ^2/NDF : 11.0/12

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: 779.709+/-0.365 χ^2/NDF : 1495962.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

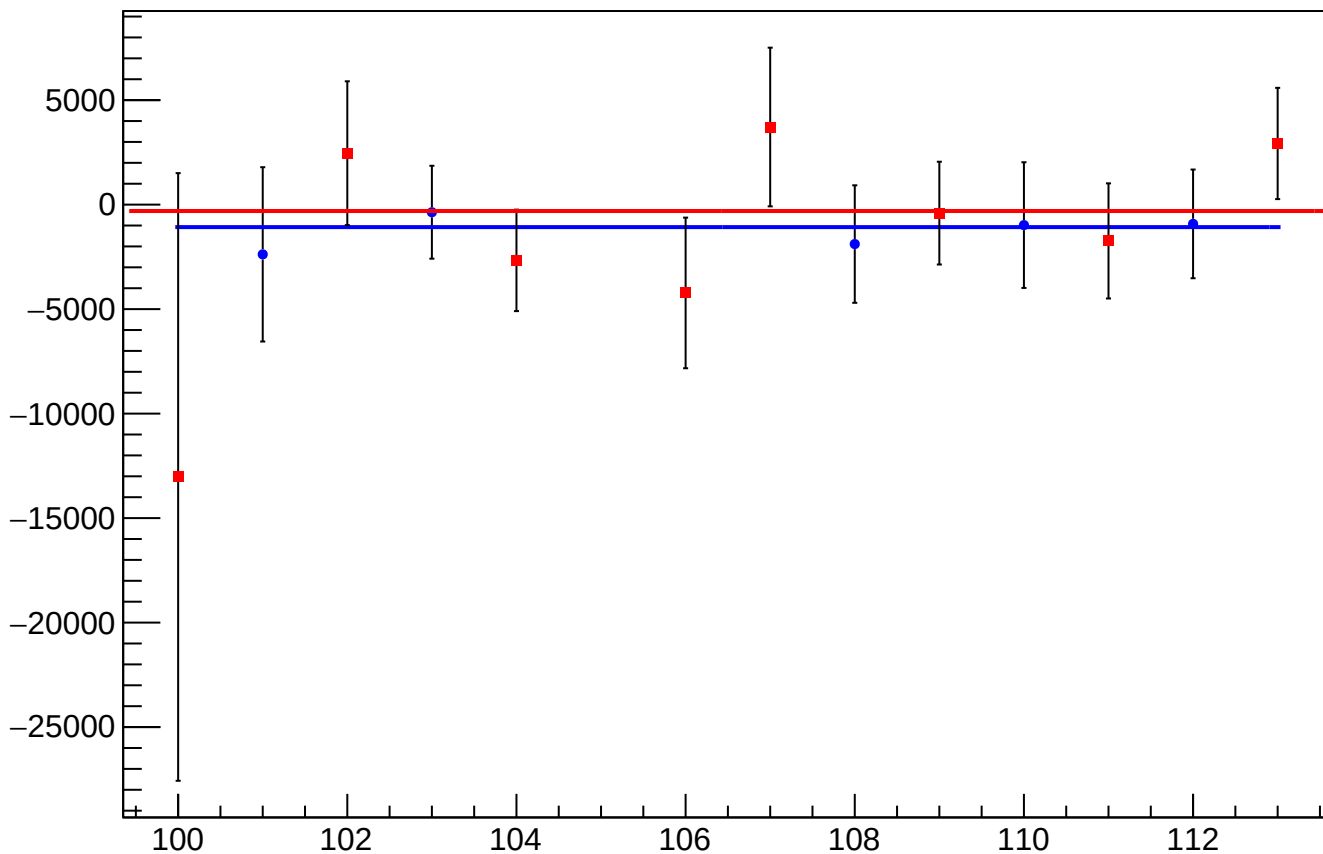
Right: 888.482+/-0.301 χ^2/NDF : 2366713.4/12

In: 1116.854+/-0.529 χ^2/NDF : 595950.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 888.482+/-0.301 χ^2/NDF : 2366713.4/12

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: -304.909+/-1088.751 χ^2/NDF : 6.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

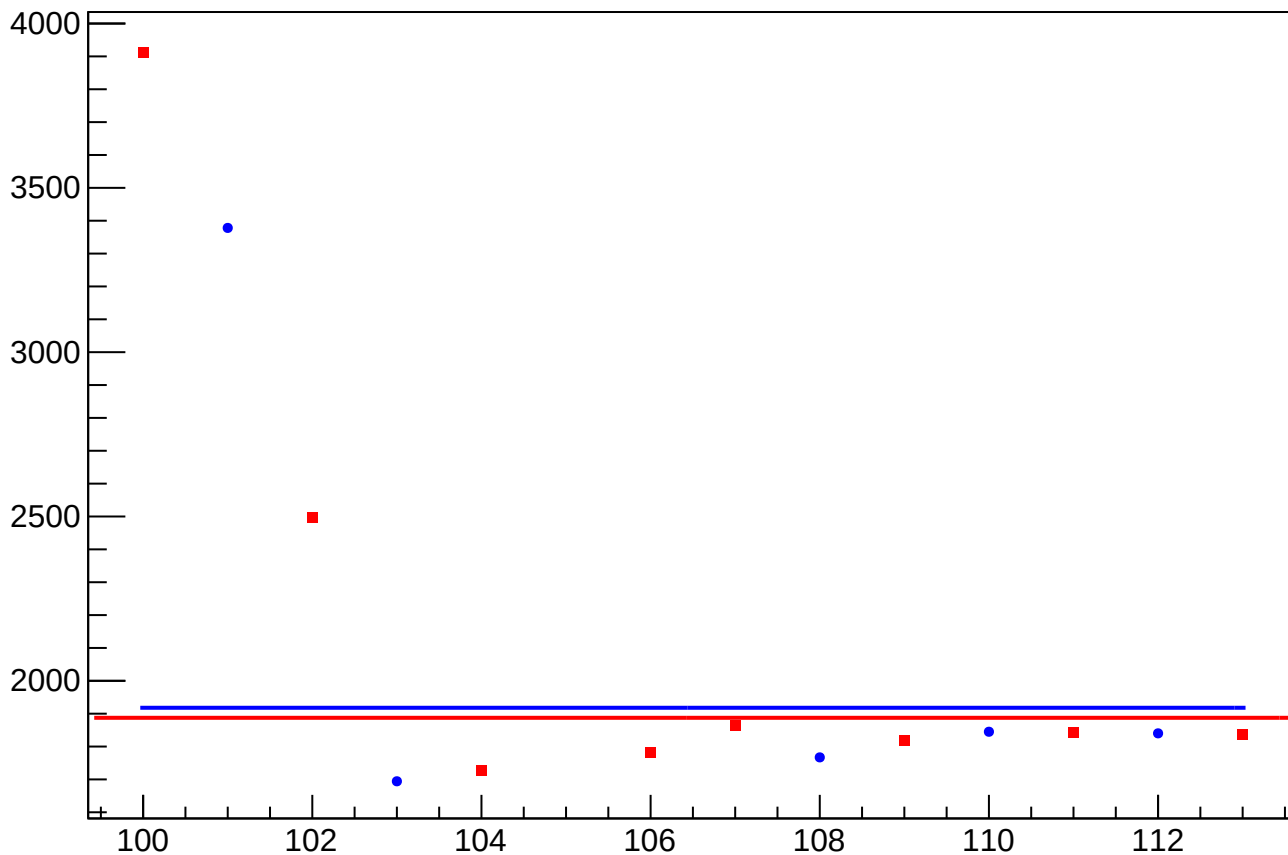
Right: -638.849+/-819.656 χ^2/NDF : 6.9/12

In: -1075.721+/-1245.294 χ^2/NDF : 0.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -638.849+/-819.656 χ^2/NDF : 6.9/12

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: 1887.470+/-0.770 χ^2/NDF : 114847.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

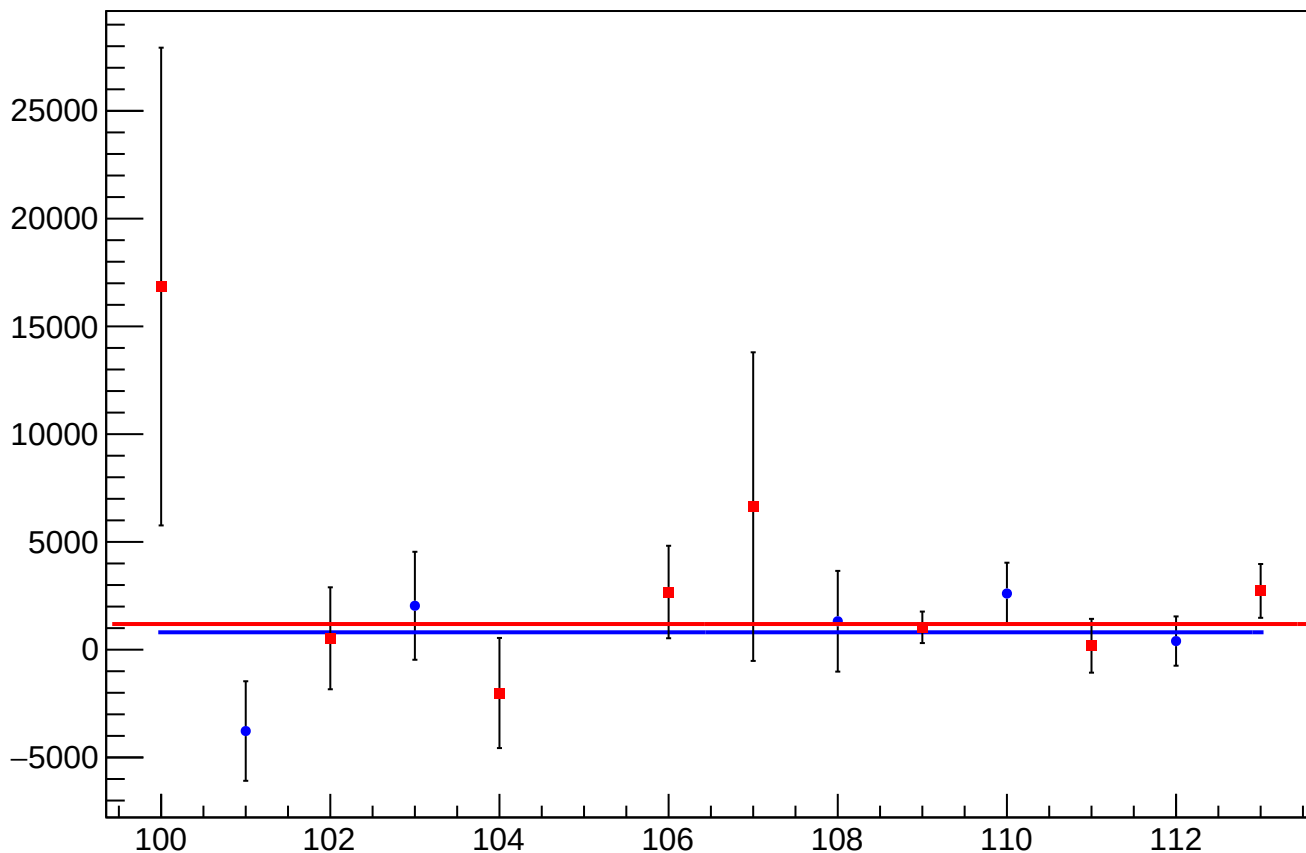
Right: 1900.698+/-0.580 χ^2/NDF : 389663.9/12

In: 1918.004+/-0.881 χ^2/NDF : 274134.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1900.698+/-0.580 χ^2/NDF : 389663.9/12

asym_us_dd_atlr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 806.650+/-748.732 χ^2/NDF : 5.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1190.354+/-517.463 χ^2/NDF : 6.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

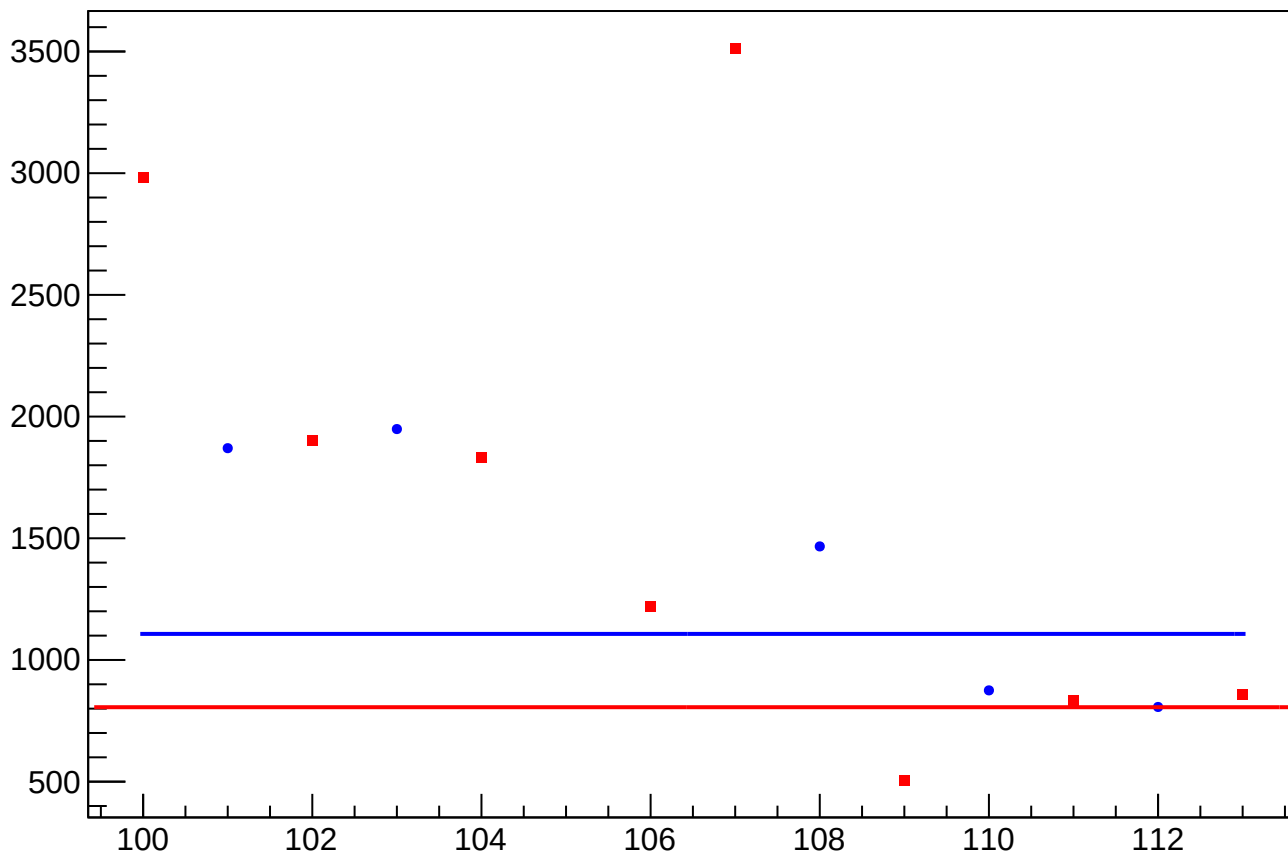
Right: 1066.323+/-425.690 χ^2/NDF : 13.0/12

In: 806.650+/-748.732 χ^2/NDF : 5.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1066.323+/-425.690 χ^2/NDF : 13.0/12

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: 805.912+/-0.366 χ^2/NDF : 1537481.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

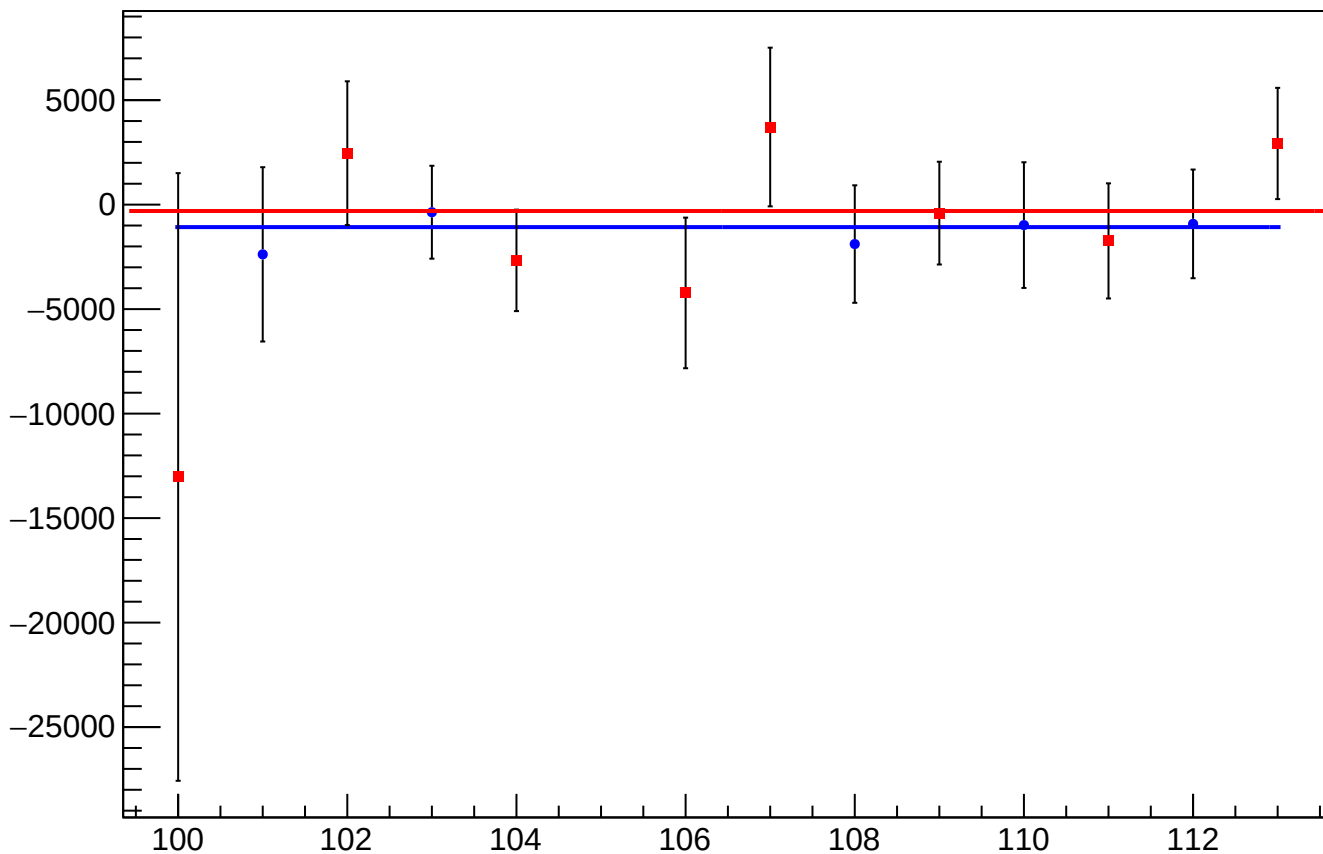
Right: 903.264+/-0.301 χ^2/NDF : 2438397.4/12

In: 1107.079+/-0.529 χ^2/NDF : 681926.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 903.264+/-0.301 χ^2/NDF : 2438397.4/12

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: -304.914+/-1088.751 χ^2/NDF : 6.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

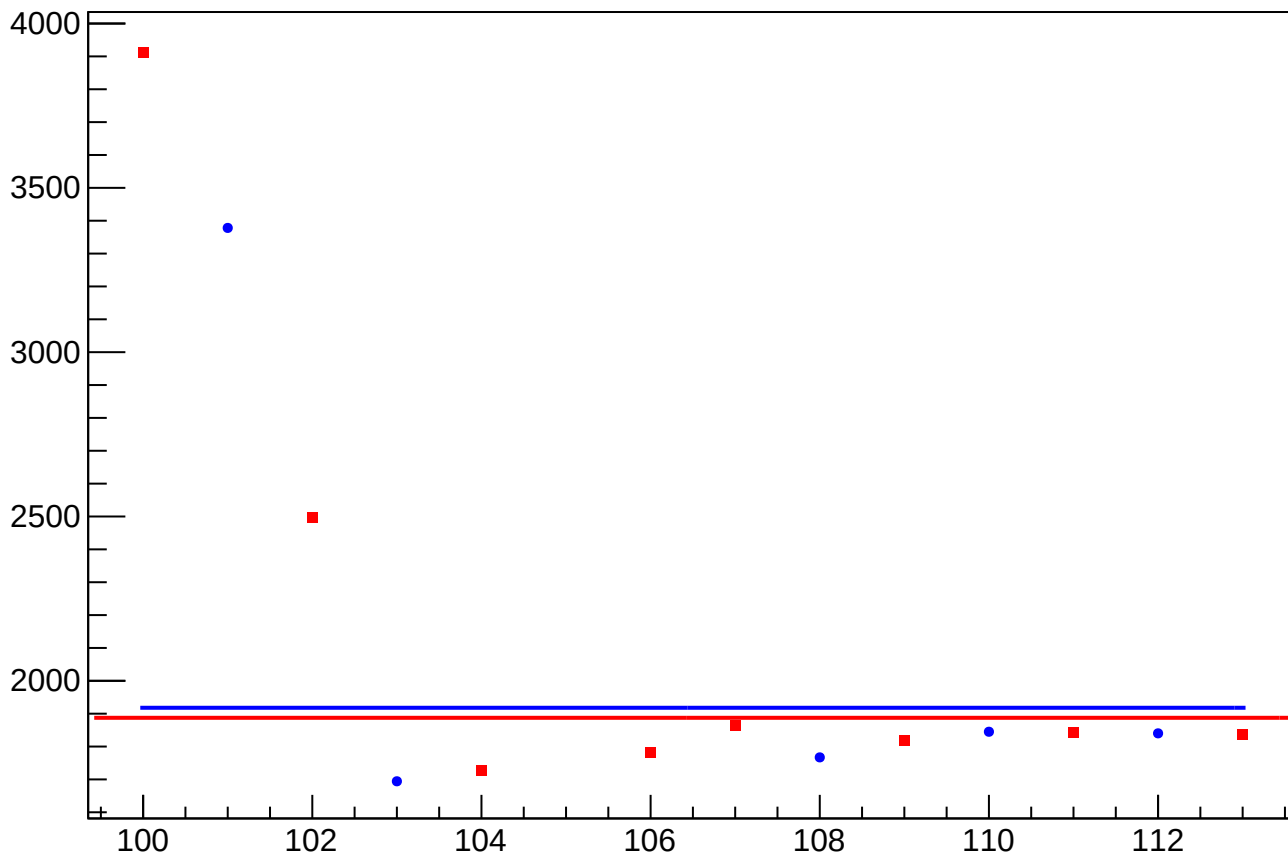
Right: -638.851+/-819.656 χ^2/NDF : 6.9/12

In: -1075.720+/-1245.294 χ^2/NDF : 0.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -638.851+/-819.656 χ^2/NDF : 6.9/12

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: 1887.470+/-0.770 χ^2/NDF : 114847.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

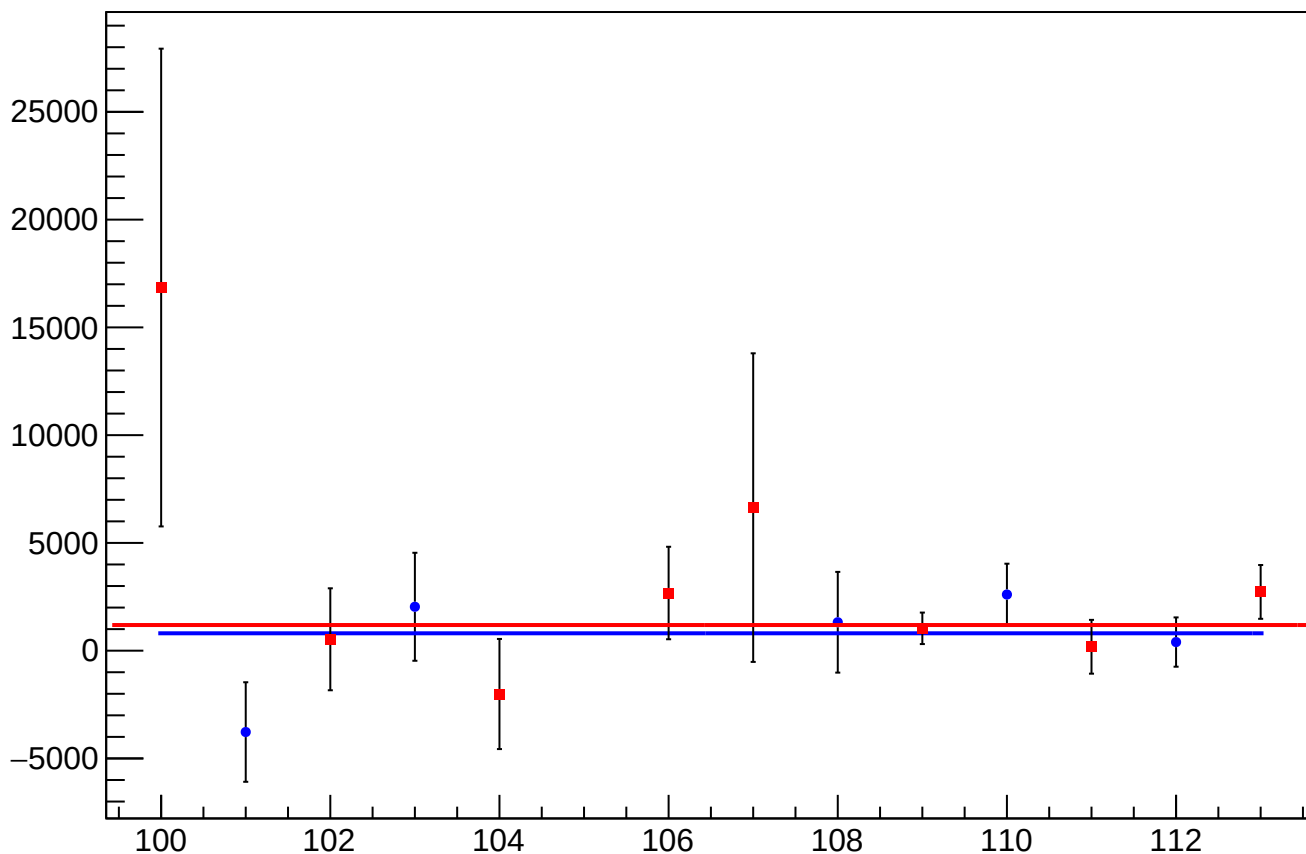
Right: 1900.698+/-0.580 χ^2/NDF : 389663.8/12

In: 1918.004+/-0.881 χ^2/NDF : 274134.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1900.698+/-0.580 χ^2/NDF : 389663.8/12

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: 1190.352+/-517.462 χ^2/NDF : 6.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

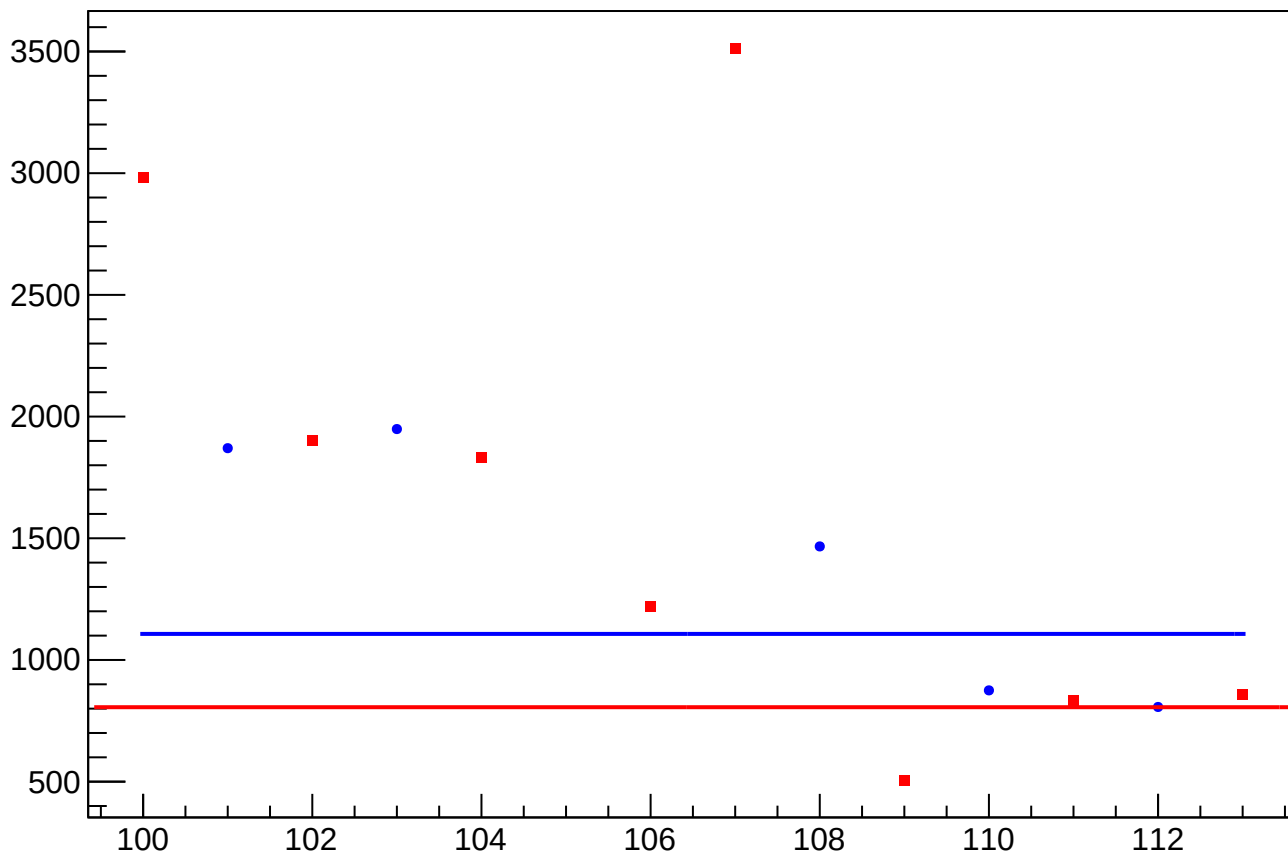
Right: 1066.320+/-425.689 χ^2/NDF : 13.0/12

In: 806.648+/-748.727 χ^2/NDF : 5.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1066.320+/-425.689 χ^2/NDF : 13.0/12

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: 805.911+/-0.366 χ^2/NDF : 1537475.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

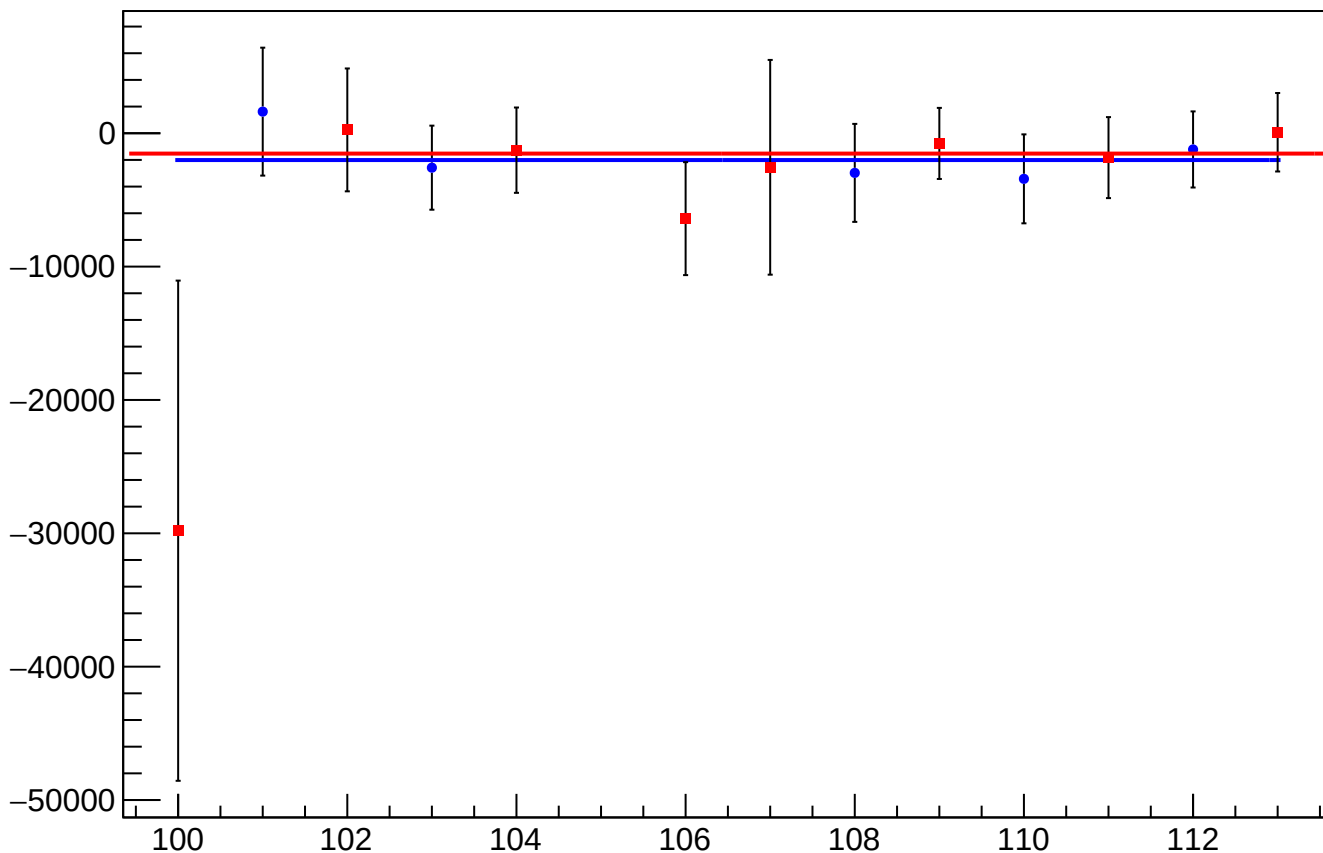
Right: 903.261+/-0.301 χ^2/NDF : 2438393.5/12

In: 1107.071+/-0.529 χ^2/NDF : 681937.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 903.261+/-0.301 χ^2/NDF : 2438393.5/12

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: -1525.698+/-1309.058 χ^2 /NDF: 4.2/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

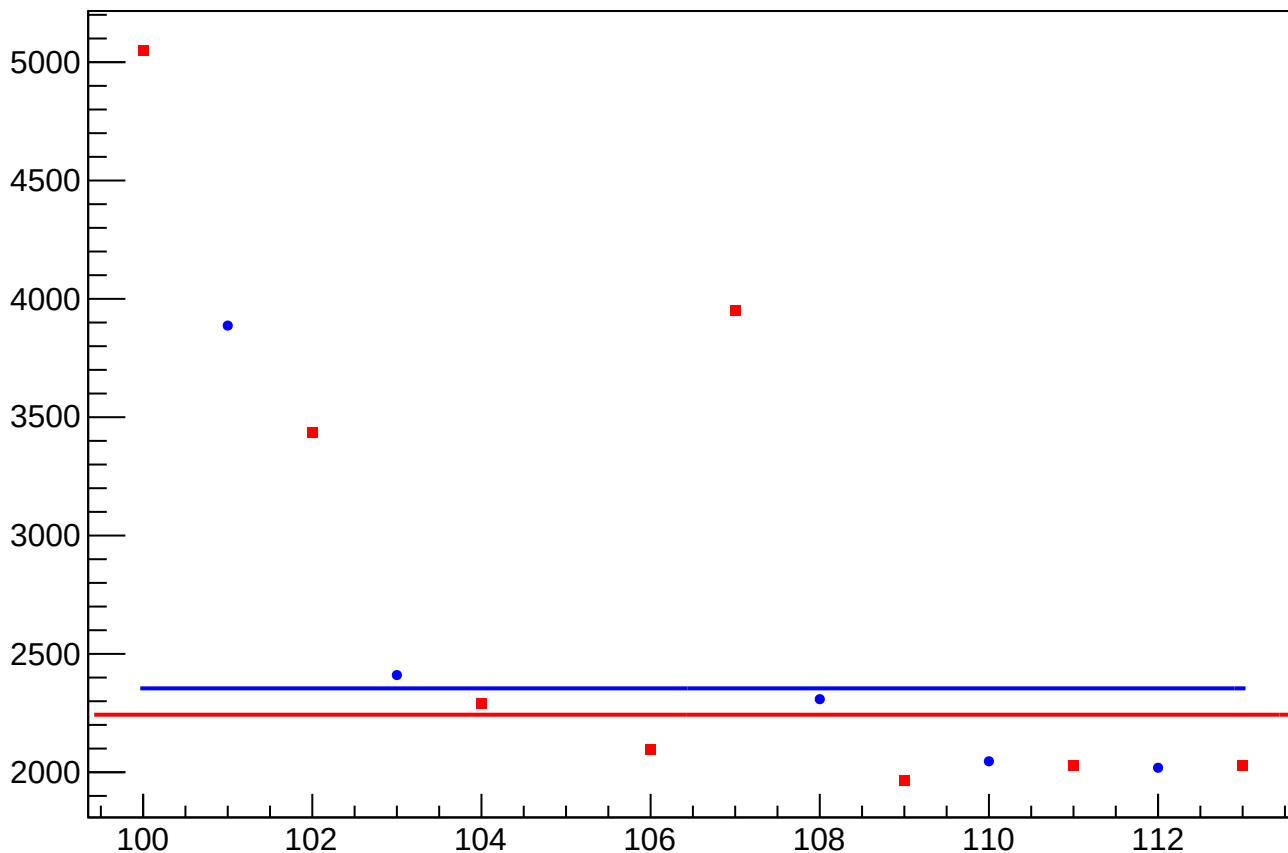
Right: -1731.654+/-992.833 χ^2 /NDF: 5.1/12

In: -2010.551+/-1523.333 χ^2 /NDF:0.9/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1731.654+/-992.833 χ^2 /NDF: 5.1/12

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: 2243.039+/-0.926 χ^2/NDF : 313544.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

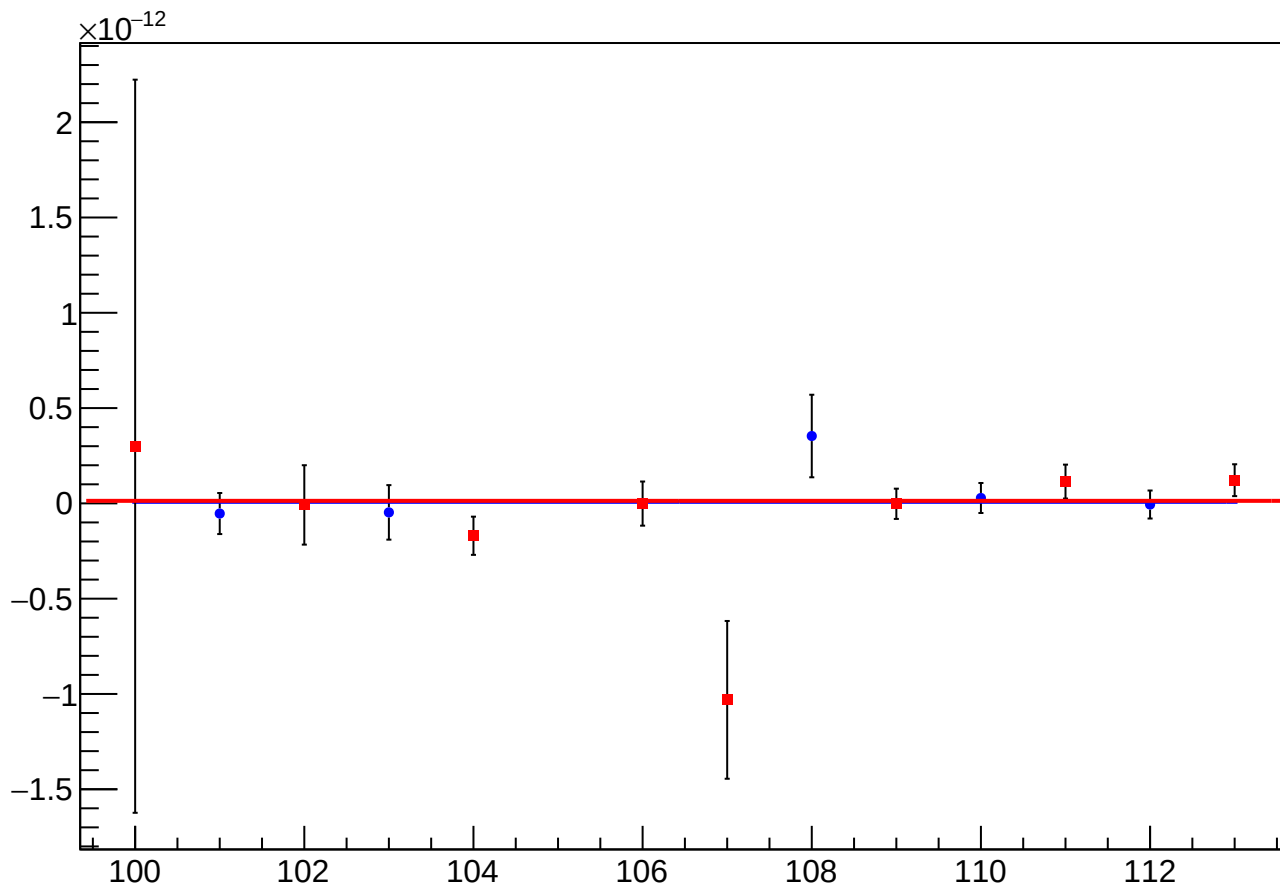
Right: 2290.324+/-0.702 χ^2/NDF : 569534.6/12

In: 2354.358+/-1.077 χ^2/NDF : 249846.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2290.324+/-0.702 χ^2/NDF : 569534.6/12

asym_us_dd_atlr_dd_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 : 12.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

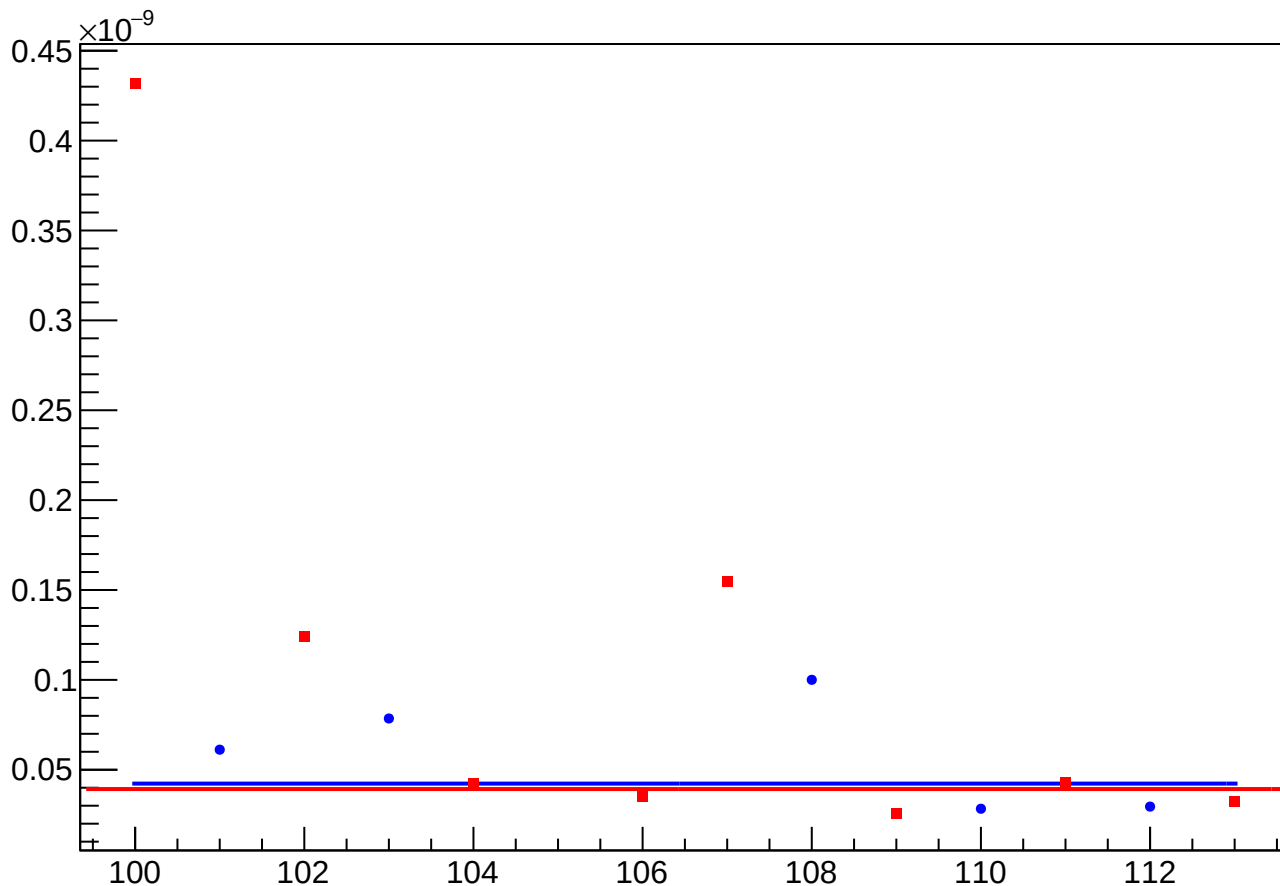
Right: 0.000+/-0.000 χ^2/NDF : 15.9/12

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 : 15.9/12

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 : 650716.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

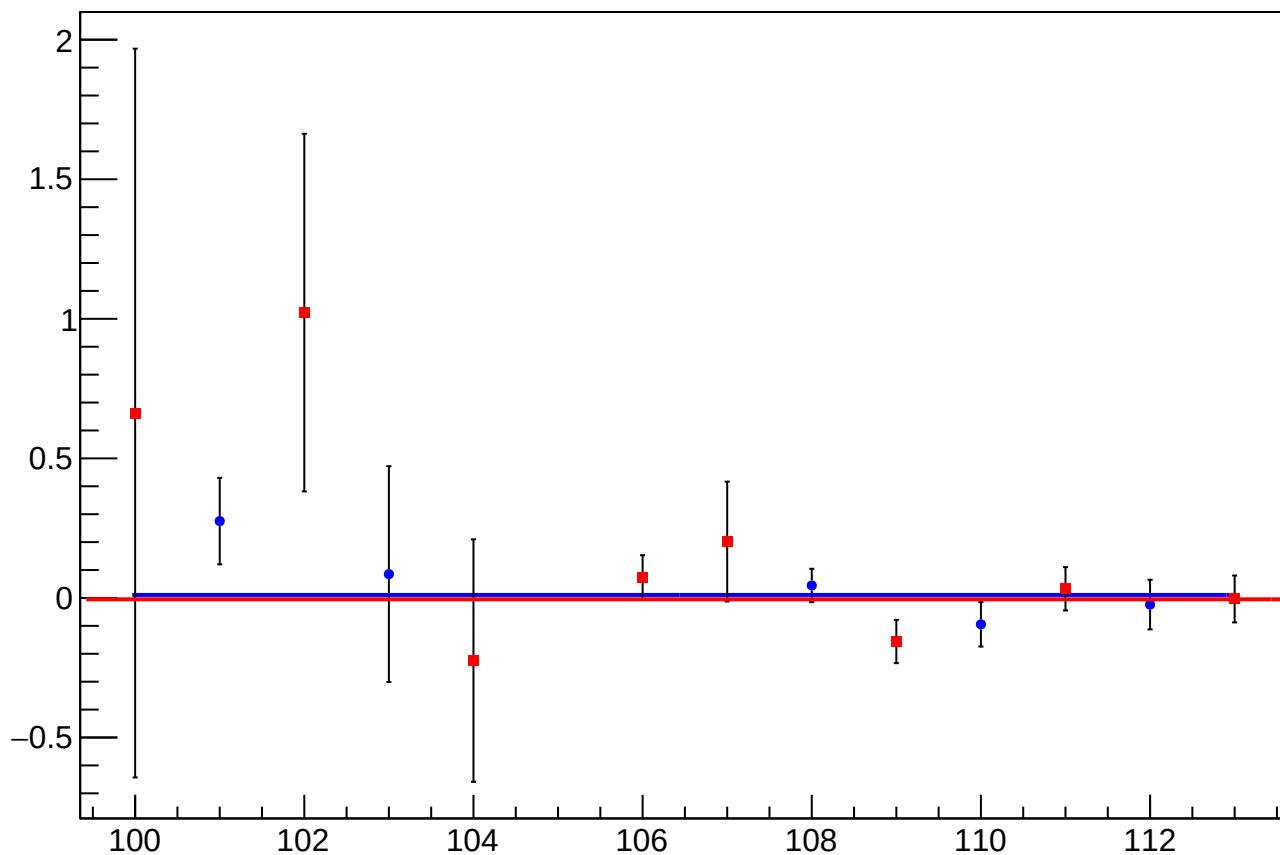
Right: 0.000+/-0.000 χ^2/NDF : 1111389.9/12

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 : 1111389.9/12

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.040 χ^2/NDF : 5.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.005+/-0.039 χ^2/NDF : 9.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

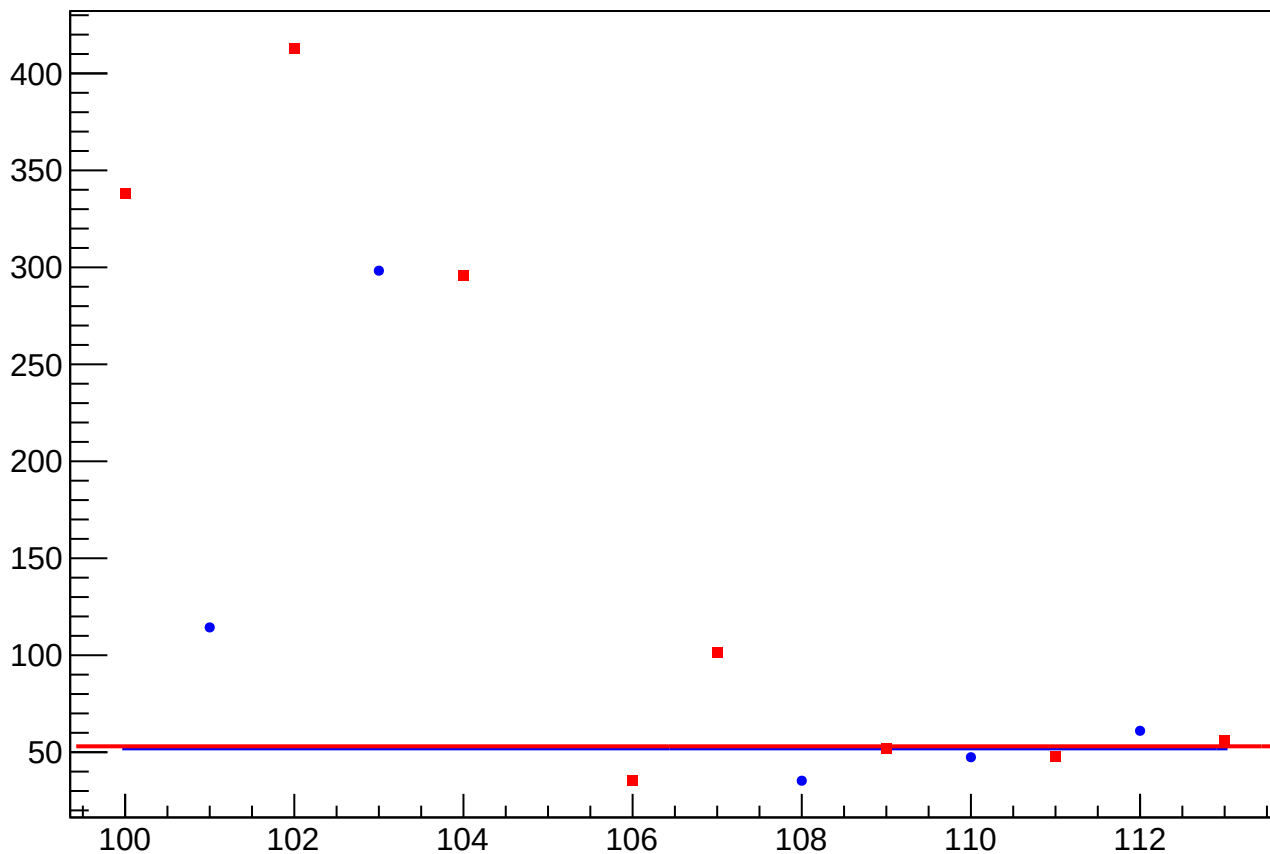
Right: 0.003+/-0.028 χ^2/NDF : 14.3/12

In: 0.011+/-0.040 χ^2/NDF : 5.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.028 χ^2/NDF : 14.3/12

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: 53.038+/-0.027 χ^2/NDF : 1565994.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

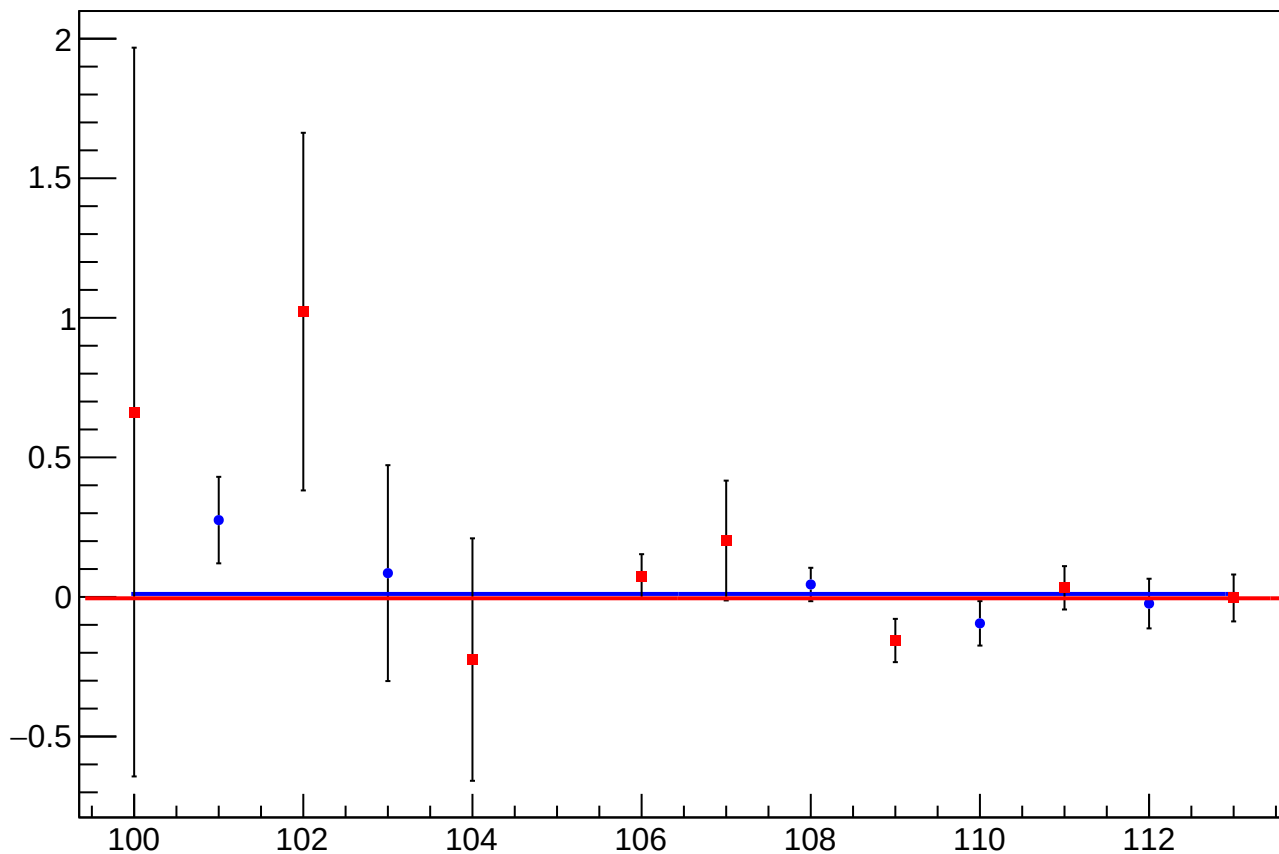
Right: 52.534+/-0.020 χ^2/NDF : 2884693.3/12

In: 51.989+/-0.029 χ^2/NDF : 1317998.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.534+/-0.020 χ^2/NDF : 2884693.3/12

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.040 χ^2/NDF : 5.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.005+/-0.039 χ^2/NDF : 9.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

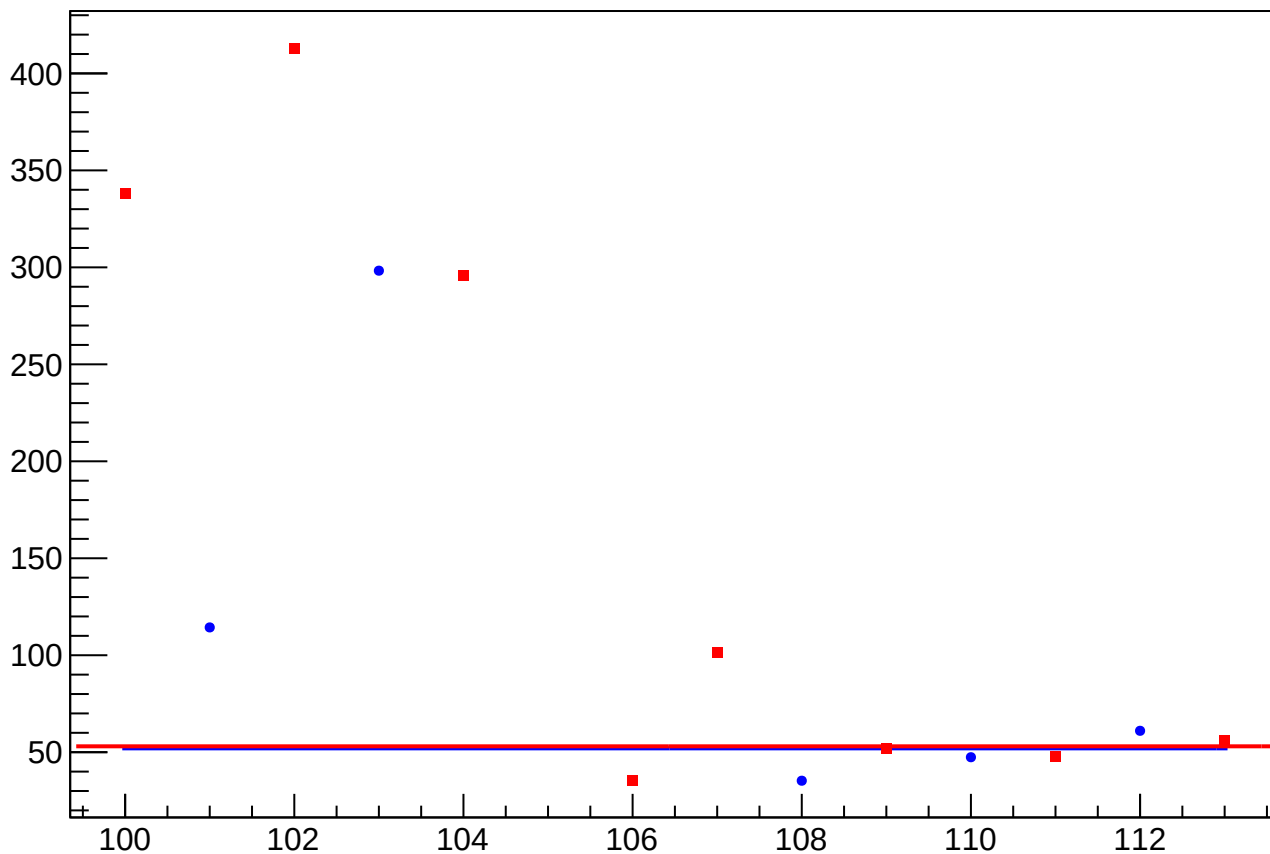
Right: 0.003+/-0.028 χ^2/NDF : 14.3/12

In: 0.011+/-0.040 χ^2/NDF : 5.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.028 χ^2/NDF : 14.3/12

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: 53.038+/-0.027 χ^2/NDF : 1565994.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

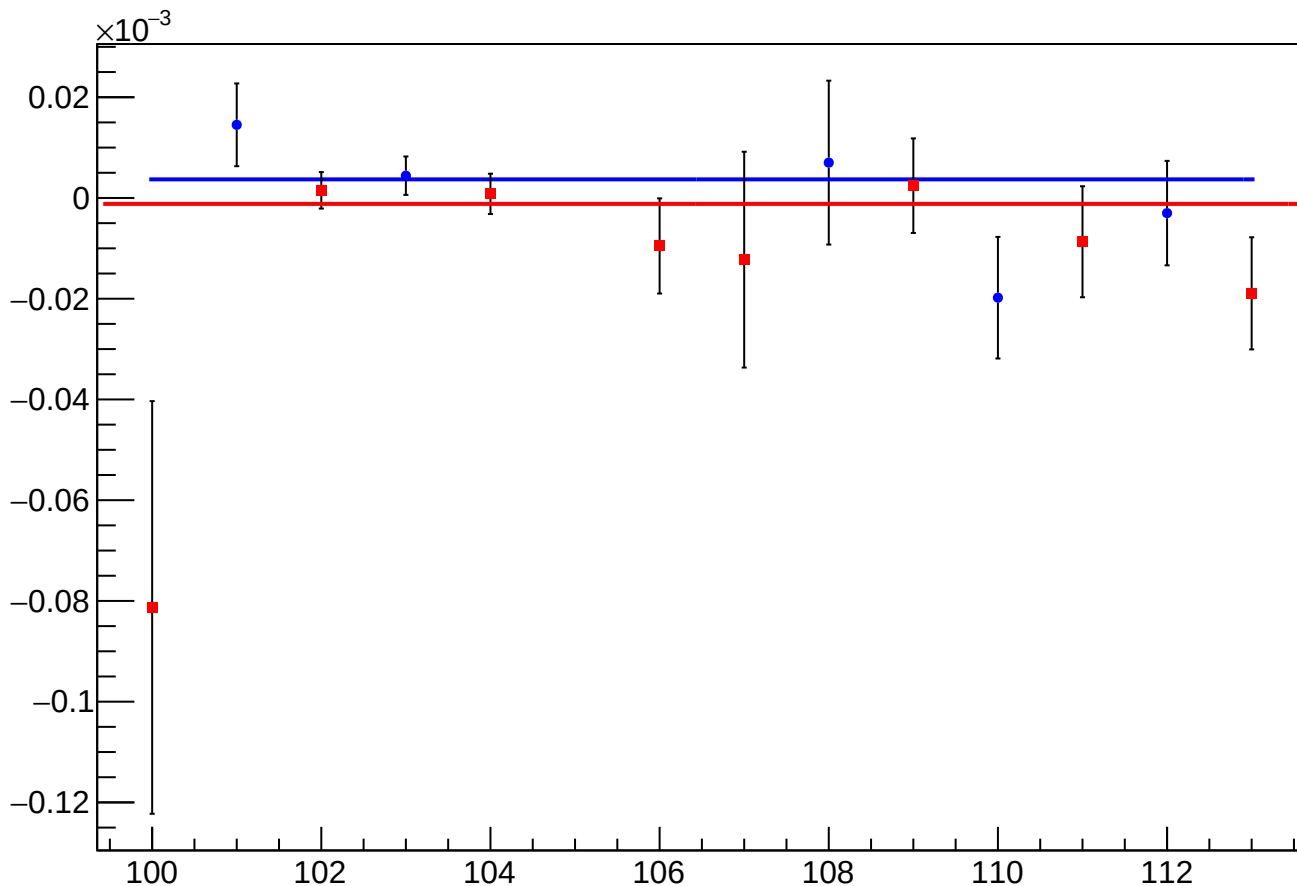
Right: 52.534+/-0.020 χ^2/NDF : 2884693.3/12

In: 51.989+/-0.029 χ^2/NDF : 1317998.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.534+/-0.020 χ^2/NDF : 2884693.3/12

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 : 8.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

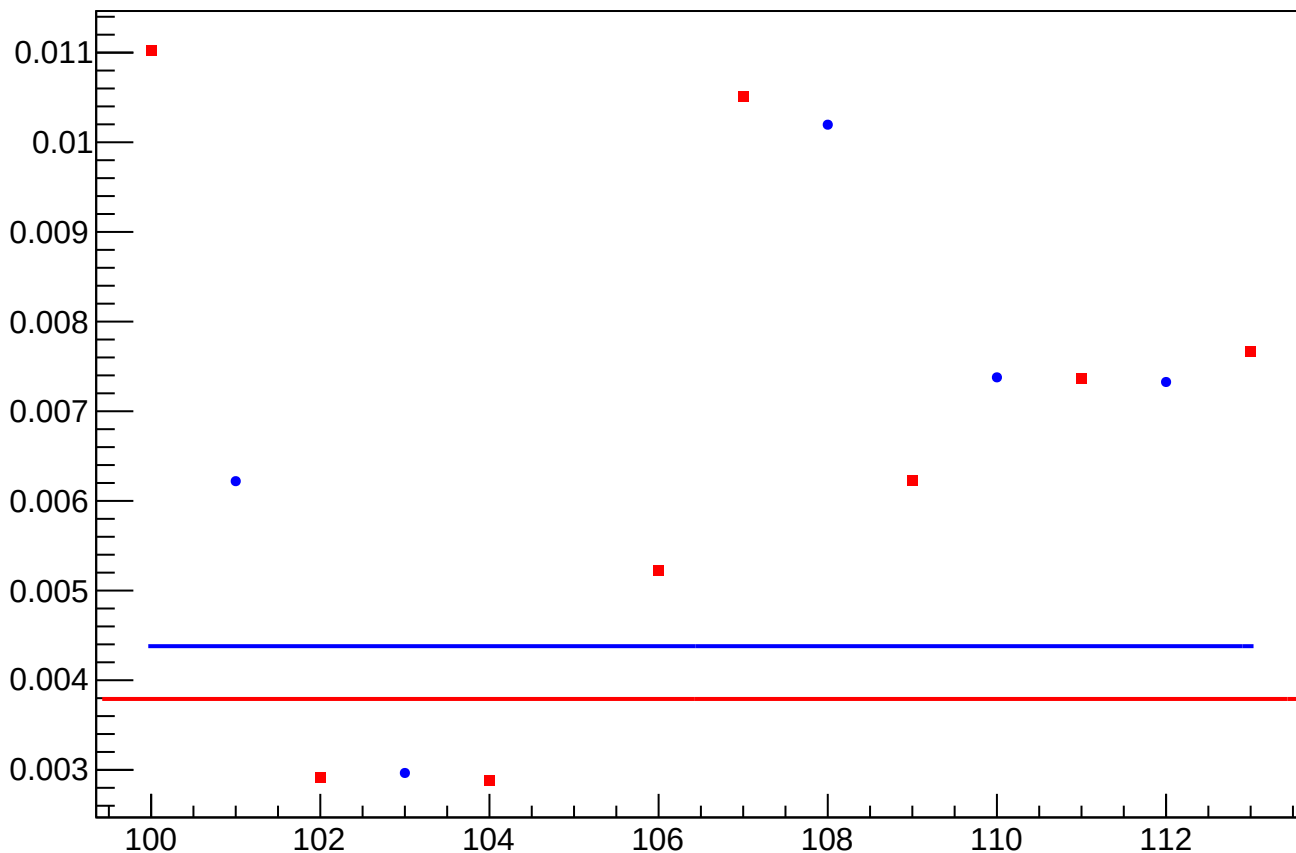
Right: 0.000+/-0.000 χ^2/NDF : 16.4/12

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 : 16.4/12

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 : 1111424.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

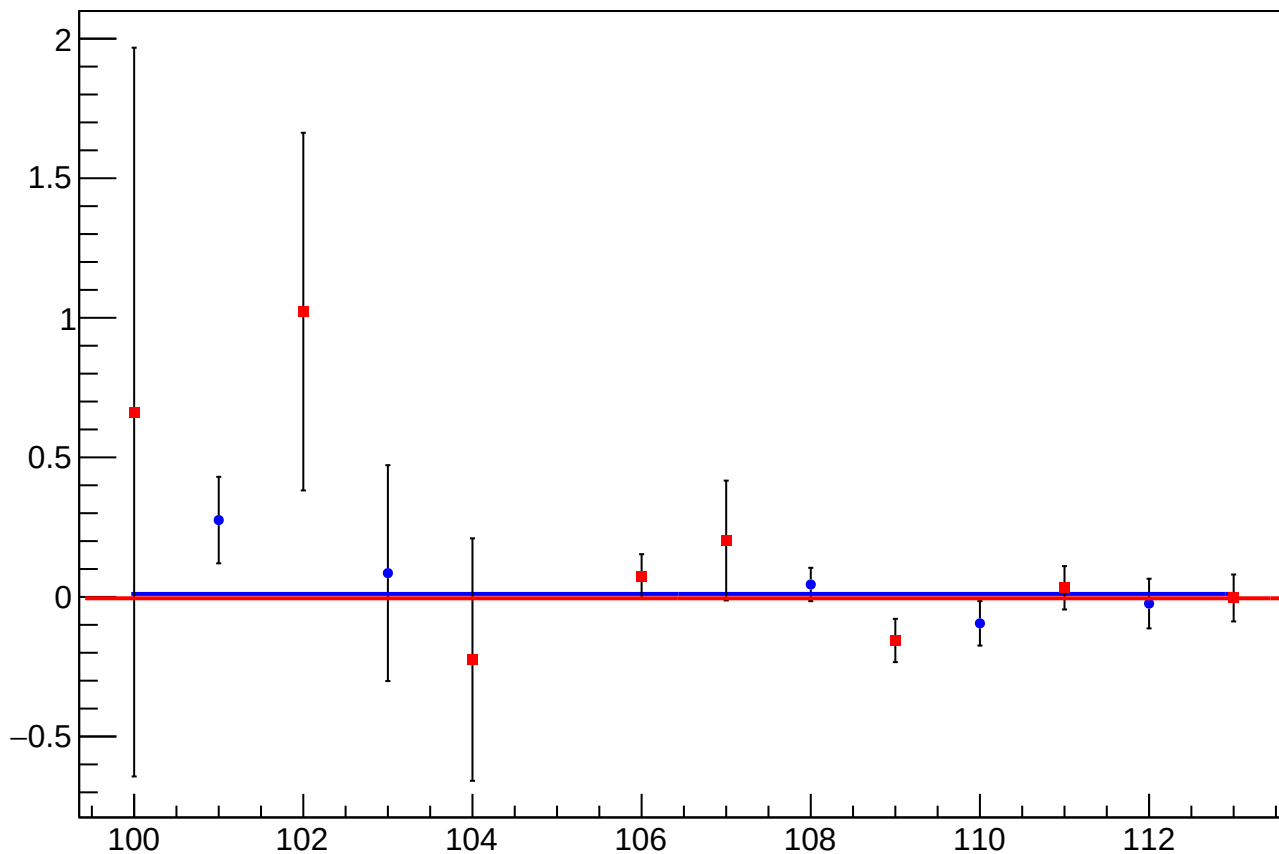
Right: 0.004+/-0.000 χ^2/NDF : 2072967.6/12

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 : 2072967.6/12

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.040 χ^2/NDF : 5.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.005+/-0.039 χ^2/NDF : 9.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

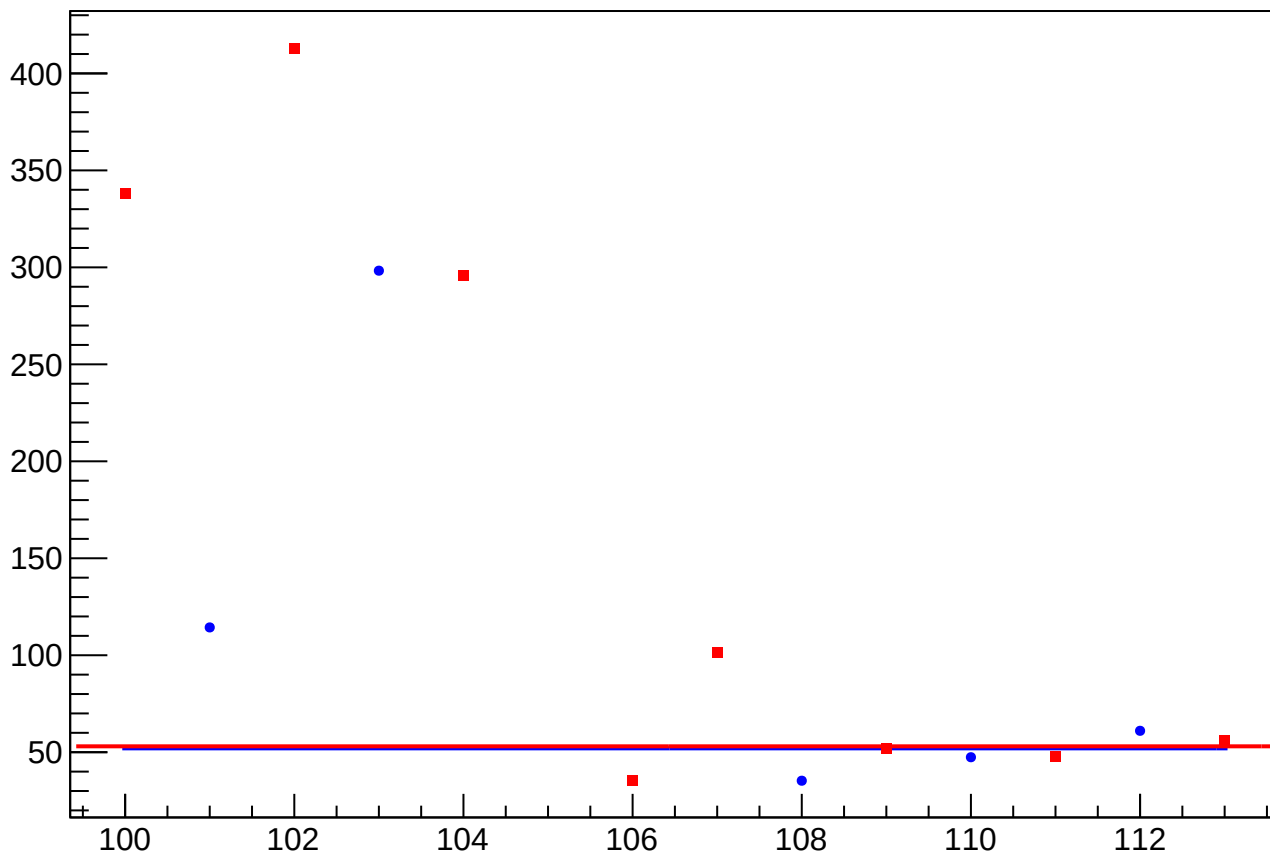
Right: 0.003+/-0.028 χ^2/NDF : 14.3/12

In: 0.011+/-0.040 χ^2/NDF : 5.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.028 χ^2/NDF : 14.3/12

asym_us_dd_atlr_dd_avg_eigen_dit_vs_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: 53.039 $\pm$ 0.027 χ^2 /NDF: 1565976.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

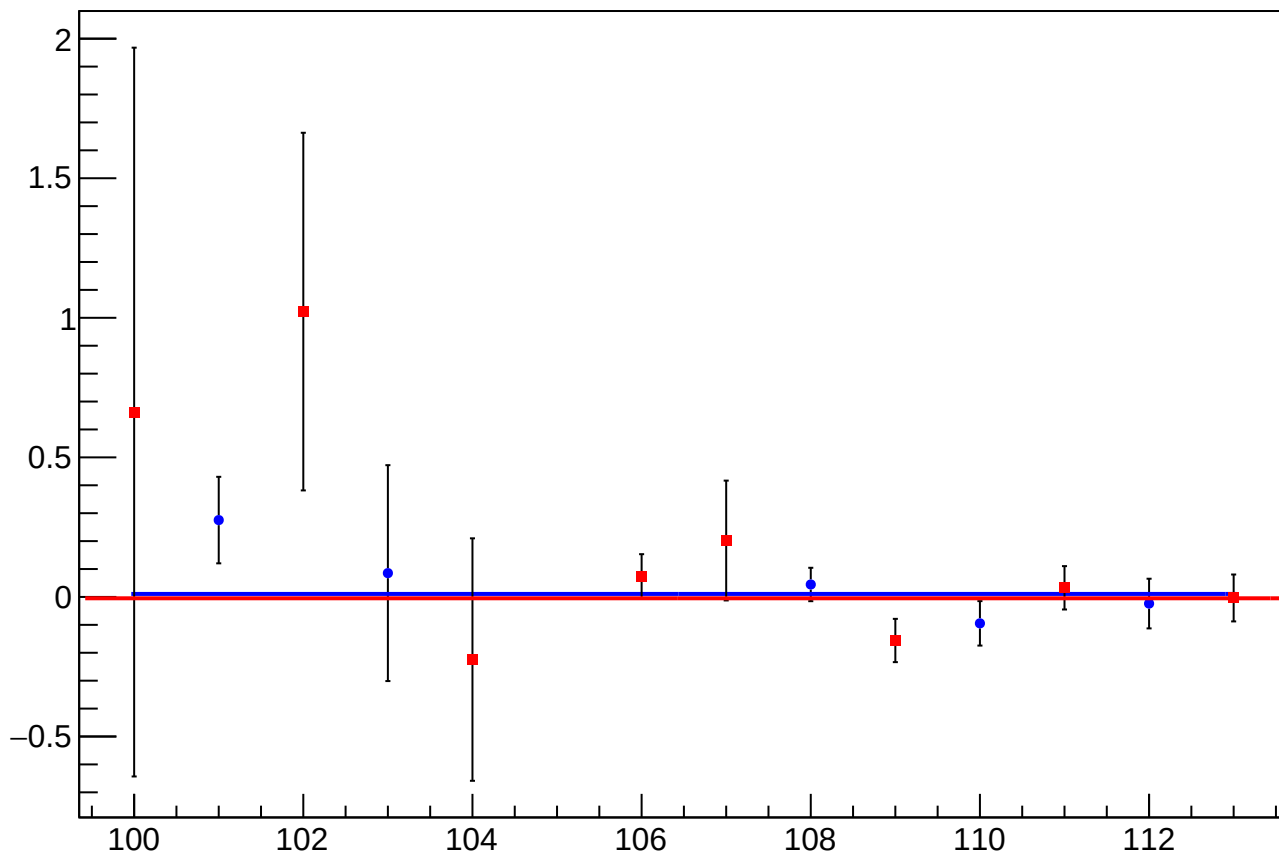
Right: 52.537 $\pm$ 0.020 χ^2 /NDF: 2884595.0/12

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: 52.537 $\pm$ 0.020 χ^2 /NDF: 2884595.0/12

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.040 χ^2/NDF : 5.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.005+/-0.039 χ^2/NDF : 9.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

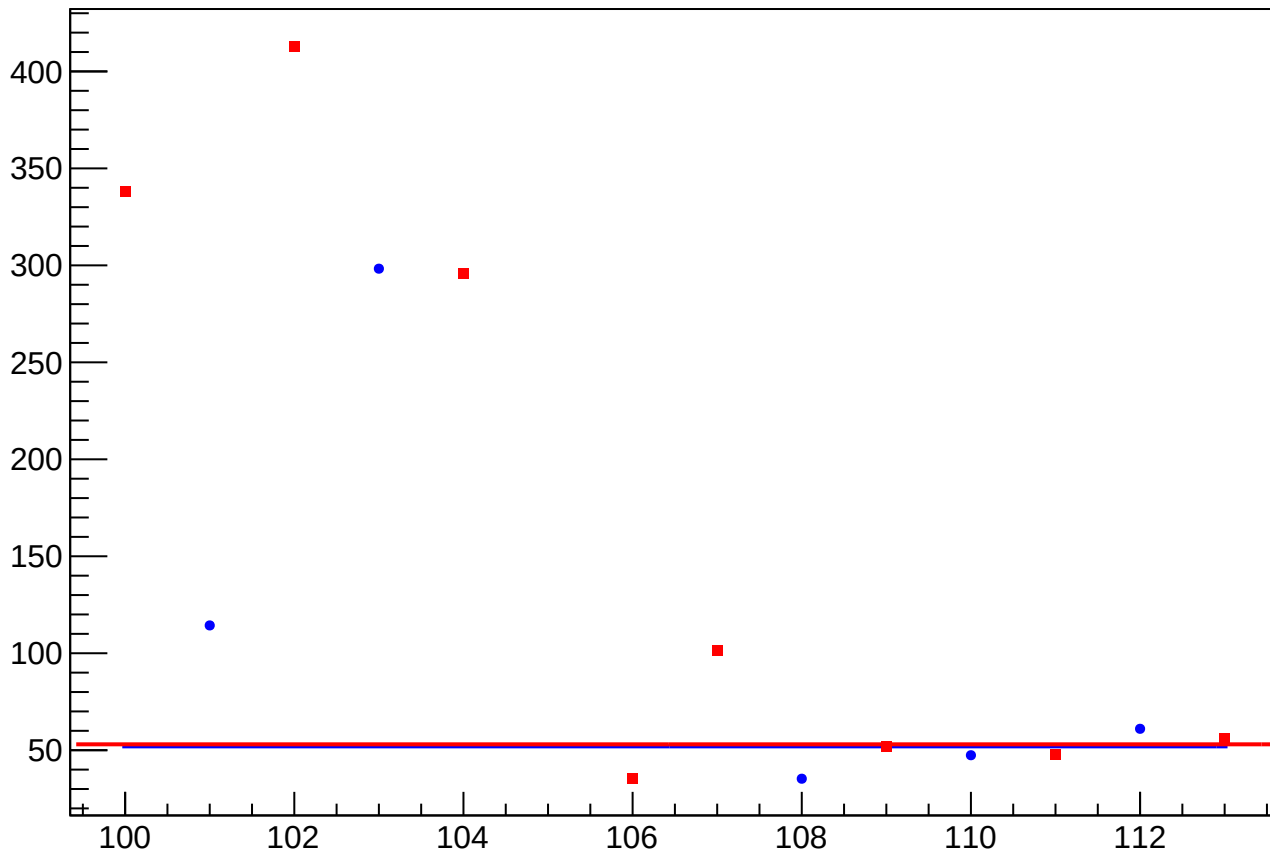
Right: 0.003+/-0.028 χ^2/NDF : 14.3/12

In: 0.011+/-0.040 χ^2/NDF : 5.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.028 χ^2/NDF : 14.3/12

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: 53.039 $\pm$ 0.027 χ^2 /NDF: 1565976.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

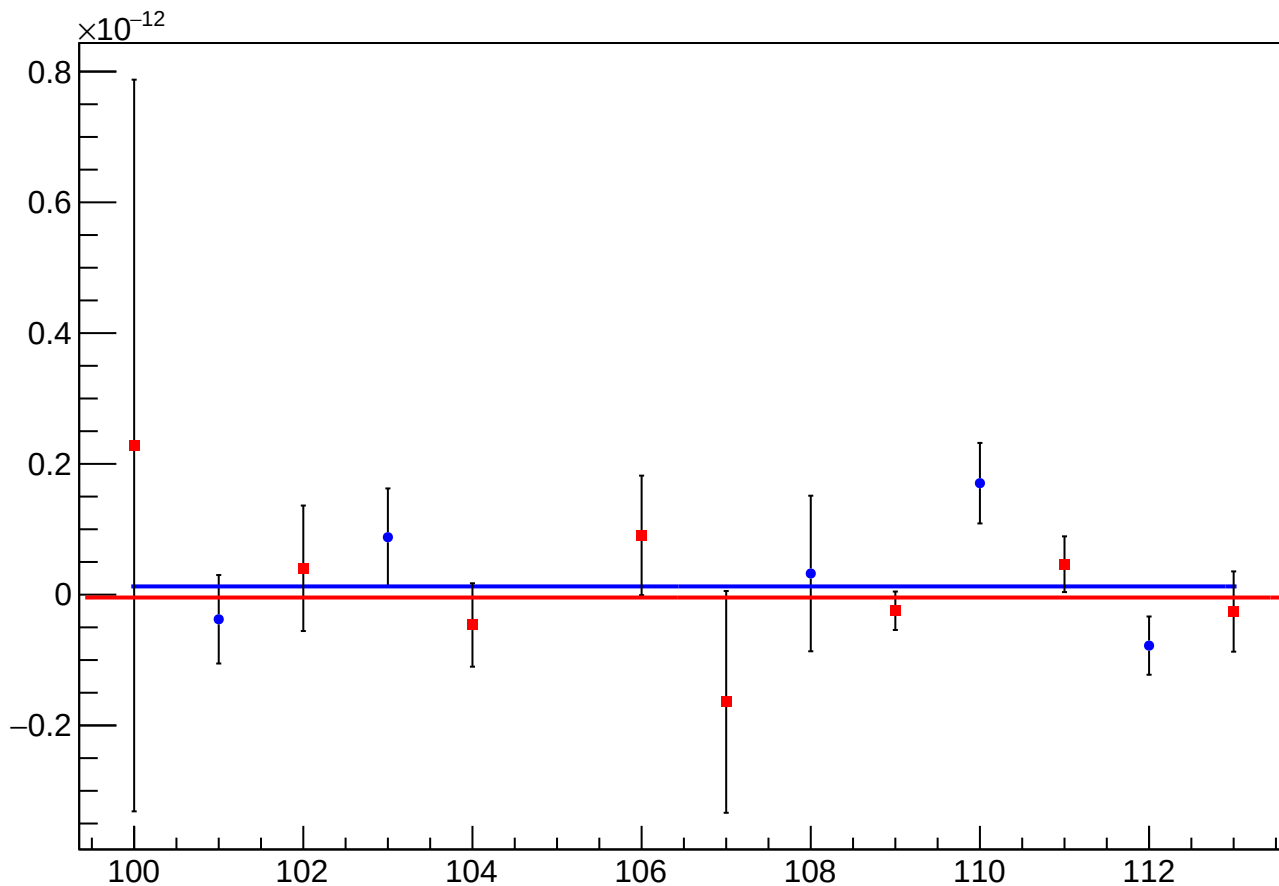
Right: 52.537 $\pm$ 0.020 χ^2 /NDF: 2884595.0/12

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: 52.537 $\pm$ 0.020 χ^2 /NDF: 2884595.0/12

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 : 4.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

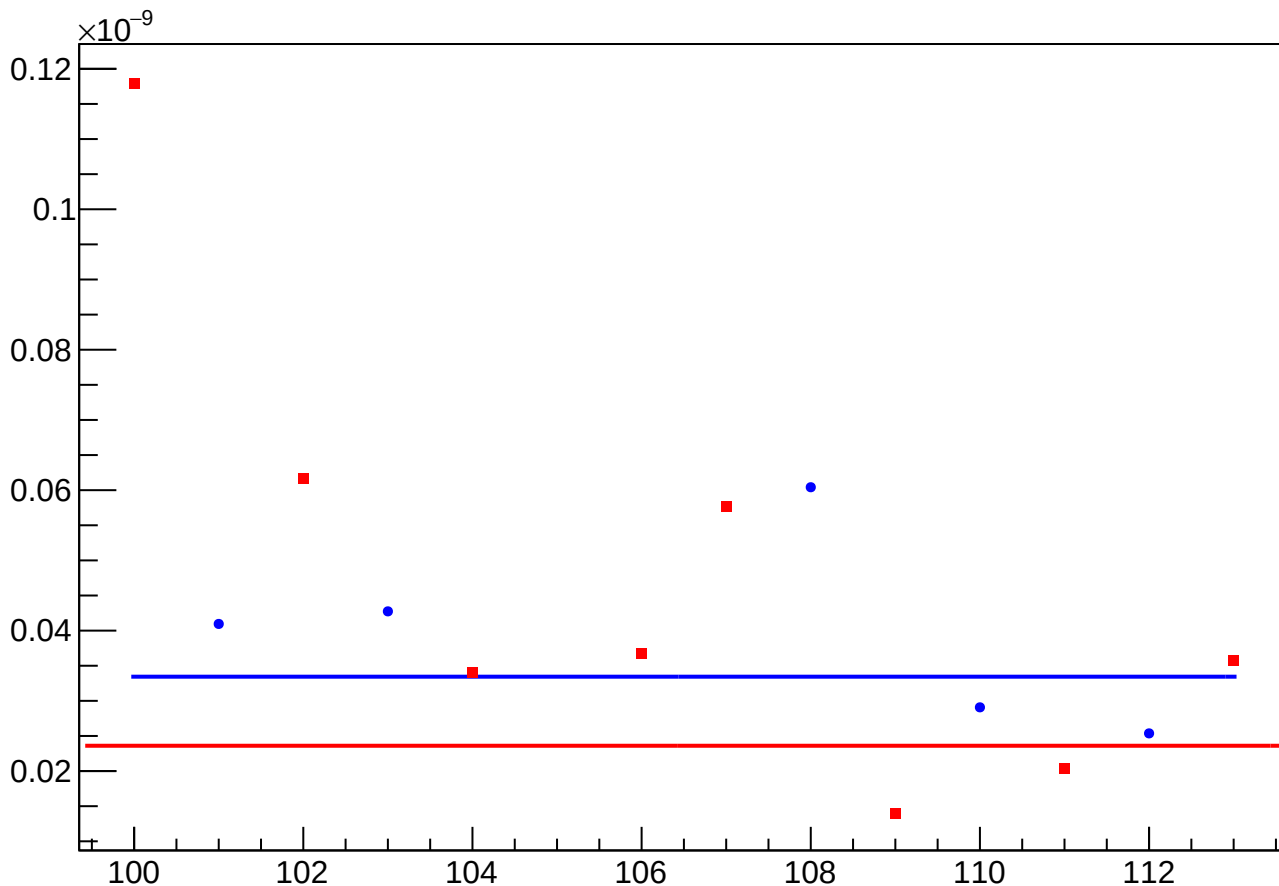
Right: 0.000+/-0.000 χ^2/NDF : 17.4/12

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 : 17.4/12

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 : 852221.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

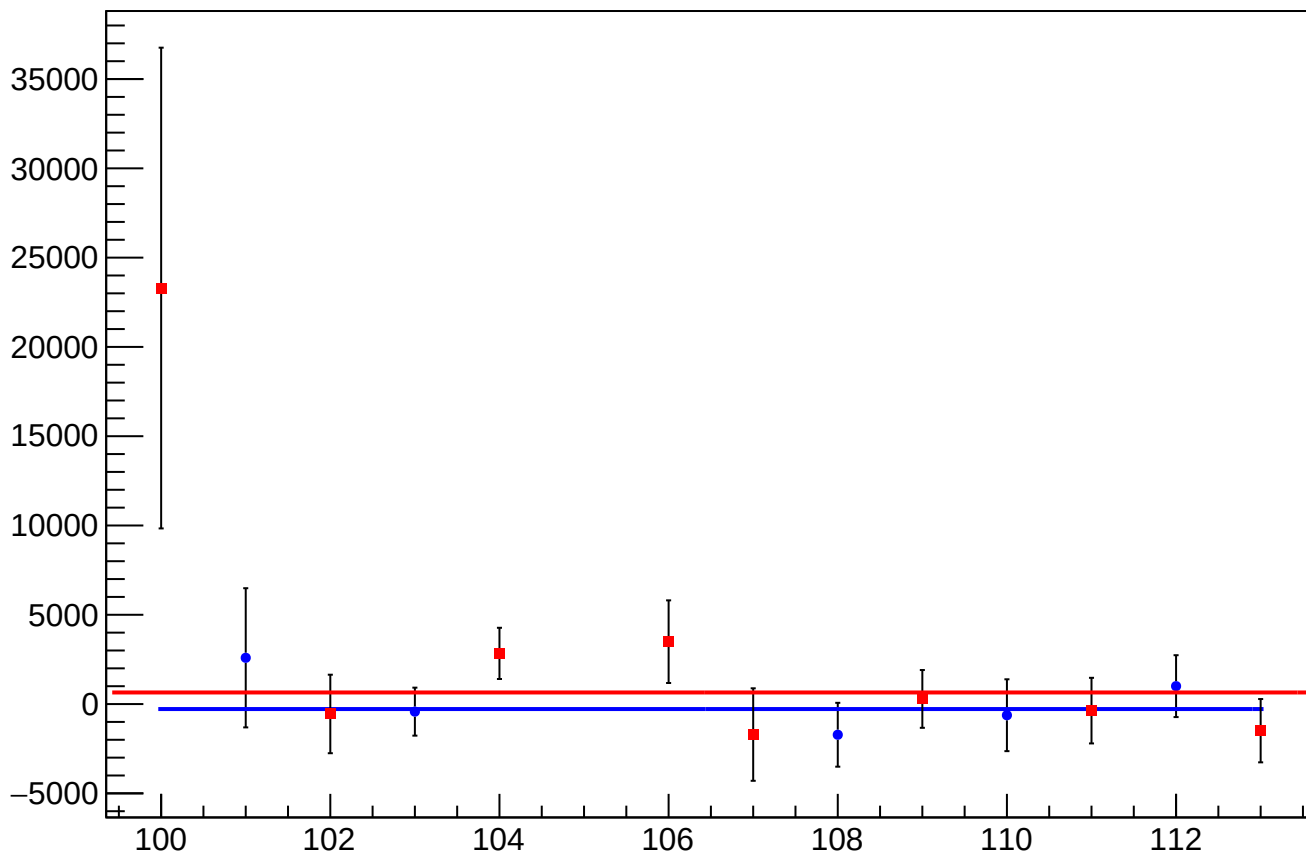
Right: 0.000+/-0.000 χ^2/NDF : 1246365.3/12

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 : 1246365.3/12

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: 649.259+/-701.681 χ^2/NDF : 9.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

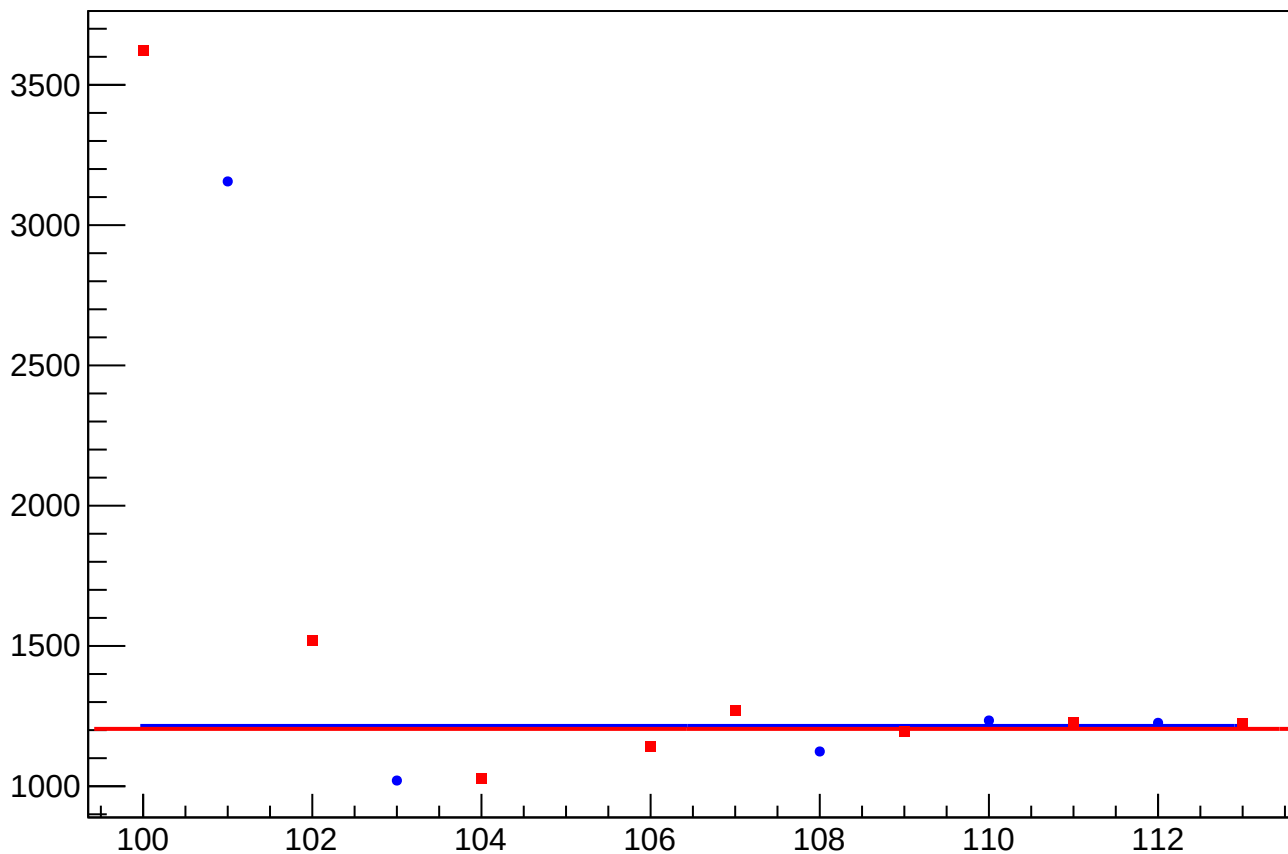
Right: 252.973+/-531.200 χ^2/NDF : 12.1/12

In: -279.044+/-813.015 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 252.973+/-531.200 χ^2/NDF : 12.1/12

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: 1204.426+/-0.496 χ^2/NDF : 139805.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

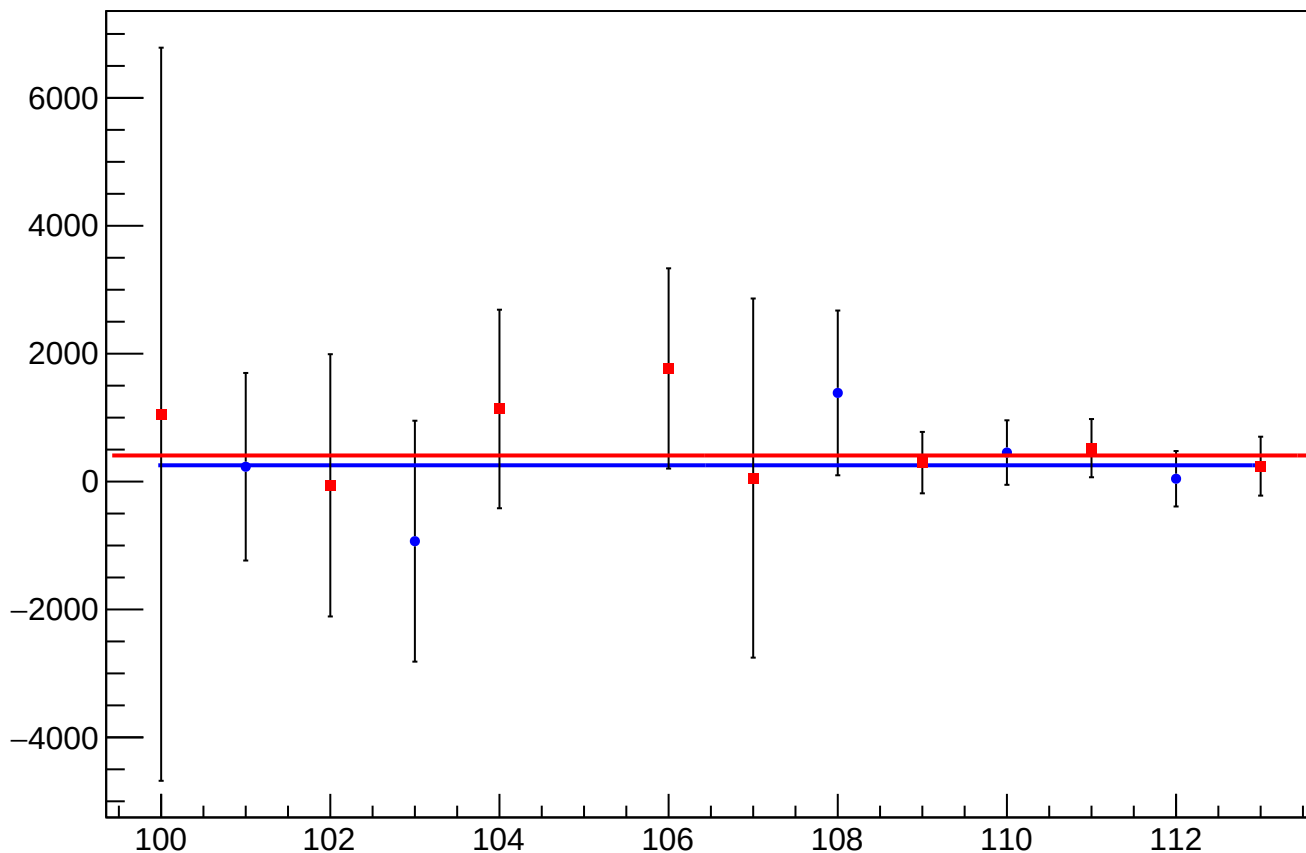
Right: 1208.910+/-0.376 χ^2/NDF : 683495.5/12

In: 1214.929+/-0.575 χ^2/NDF : 543498.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1208.910+/-0.376 χ^2/NDF : 683495.5/12

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: 408.175+/-257.441 χ^2/NDF : 1.3/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

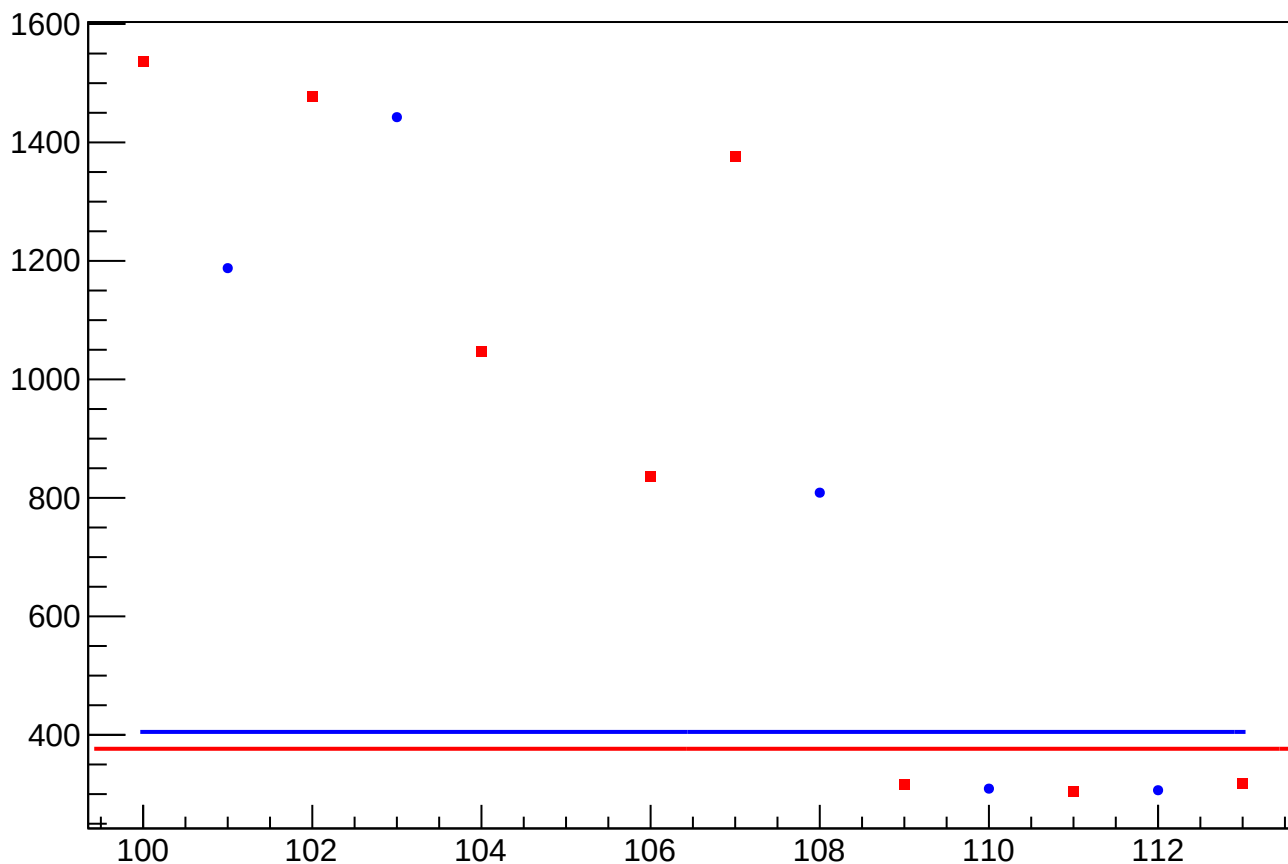
Right: 344.831+/-197.320 χ^2/NDF : 3.0/12

In: 254.625+/-307.216 χ^2/NDF :1.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 344.831+/-197.320 χ^2/NDF : 3.0/12

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: 376.508+/-0.182 χ^2/NDF : 1573544.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

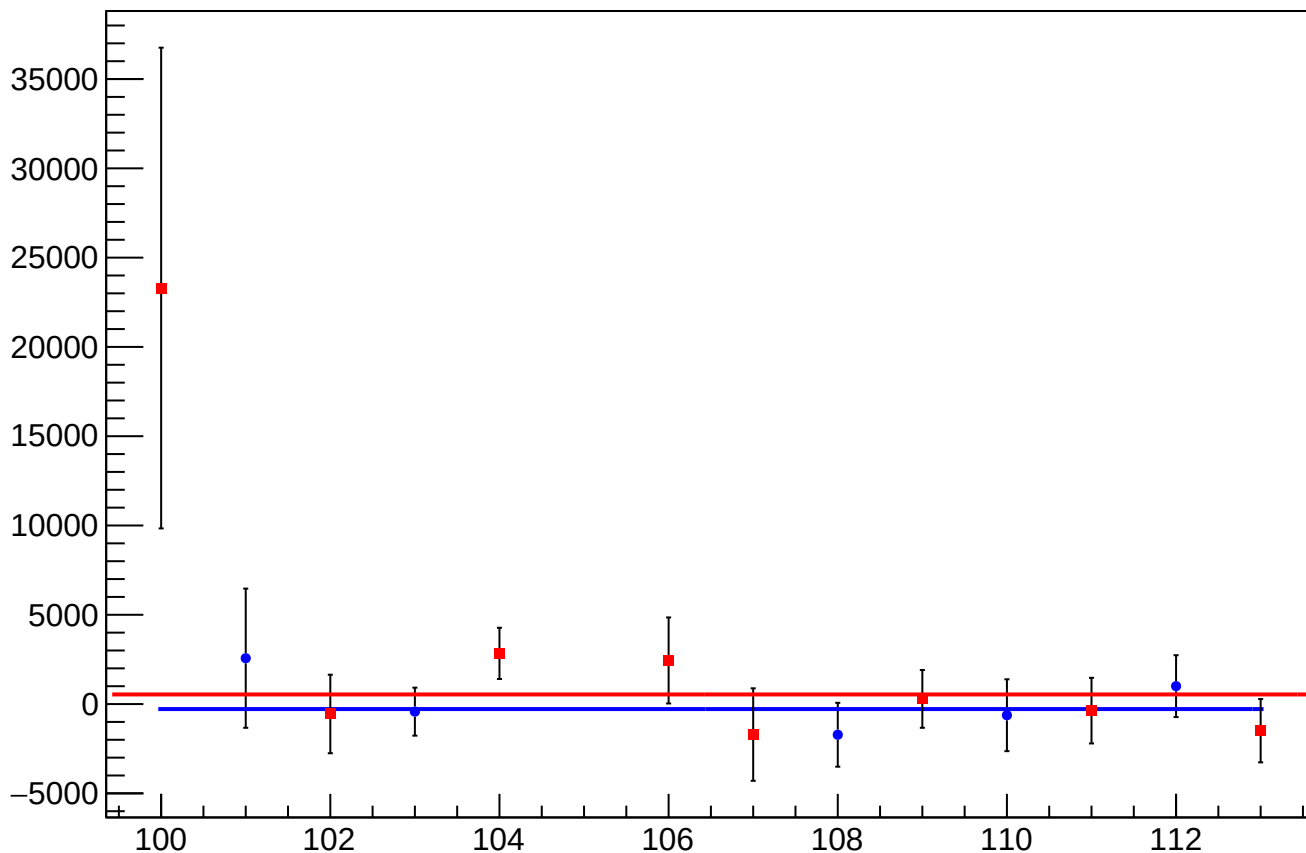
Right: 388.253+/-0.140 χ^2/NDF : 3131810.8/12

In: 404.979+/-0.217 χ^2/NDF : 1548175.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 388.253+/-0.140 χ^2/NDF : 3131810.8/12

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: 539.099+/-704.183 χ^2/NDF : 8.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

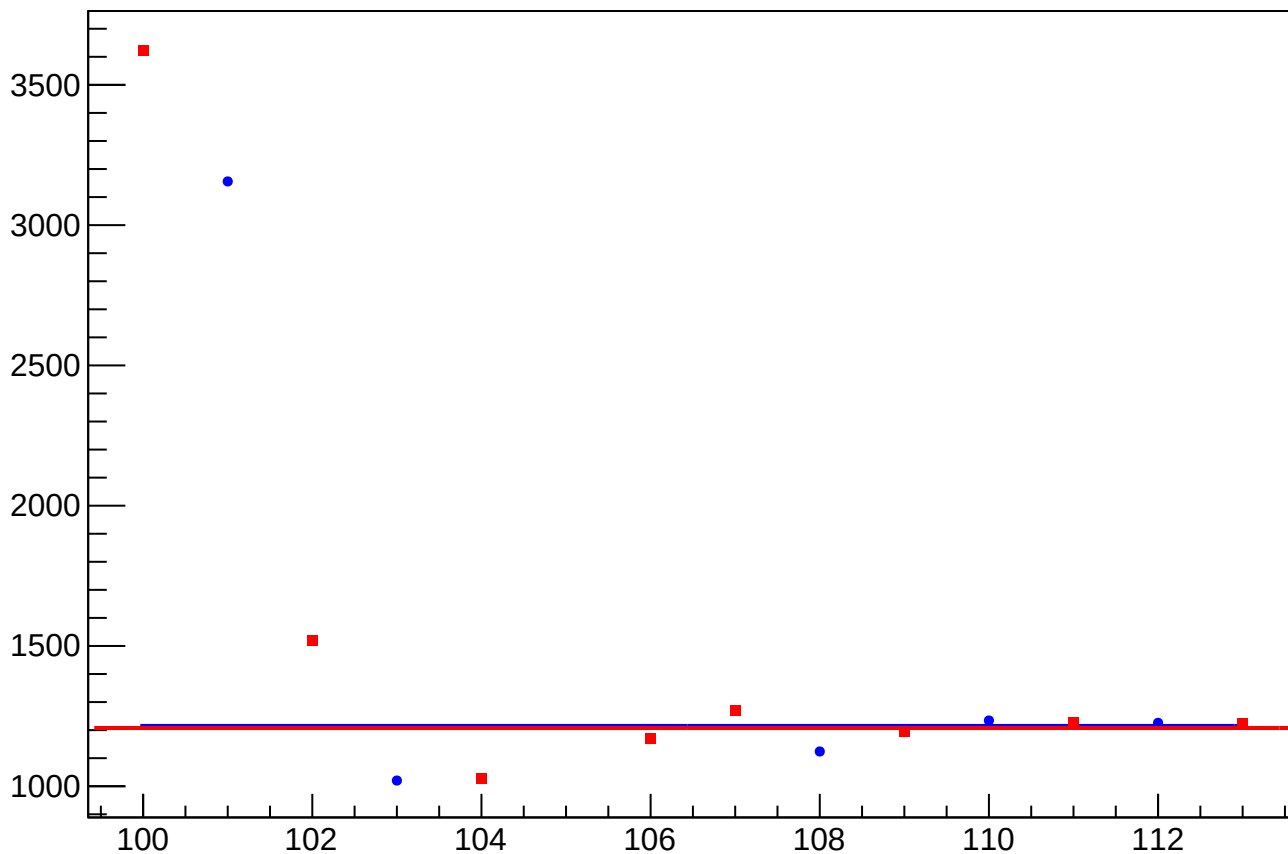
Right: 187.938+/-532.283 χ^2/NDF : 11.0/12

In: -280.155+/-813.016 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 187.938+/-532.283 χ^2/NDF : 11.0/12

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: 1207.563+/-0.498 χ^2/NDF : 138602.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

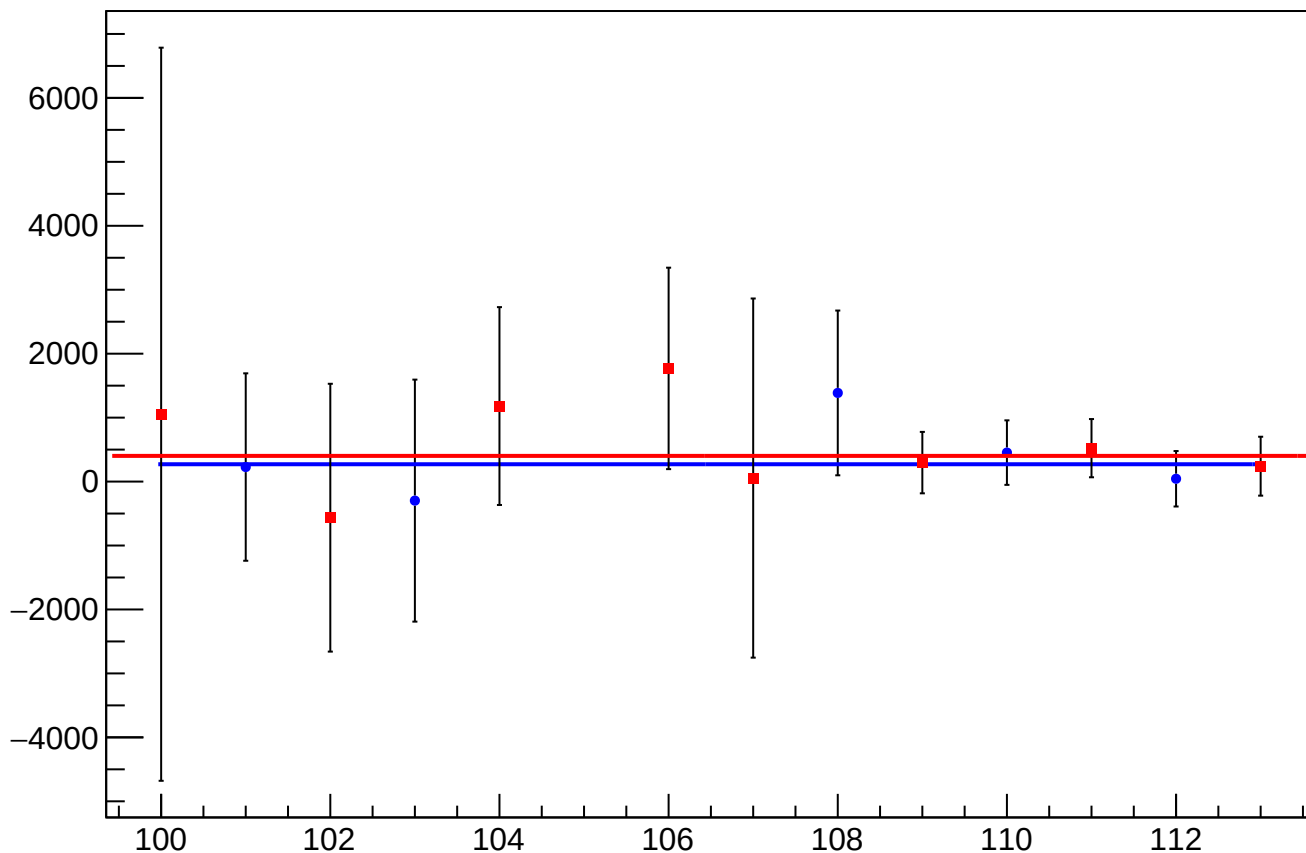
Right: 1210.720+/-0.376 χ^2/NDF : 682196.5/12

In: 1214.929+/-0.575 χ^2/NDF : 543500.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1210.720+/-0.376 χ^2/NDF : 682196.5/12

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: 401.717+/-257.546 χ^2/NDF : 1.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

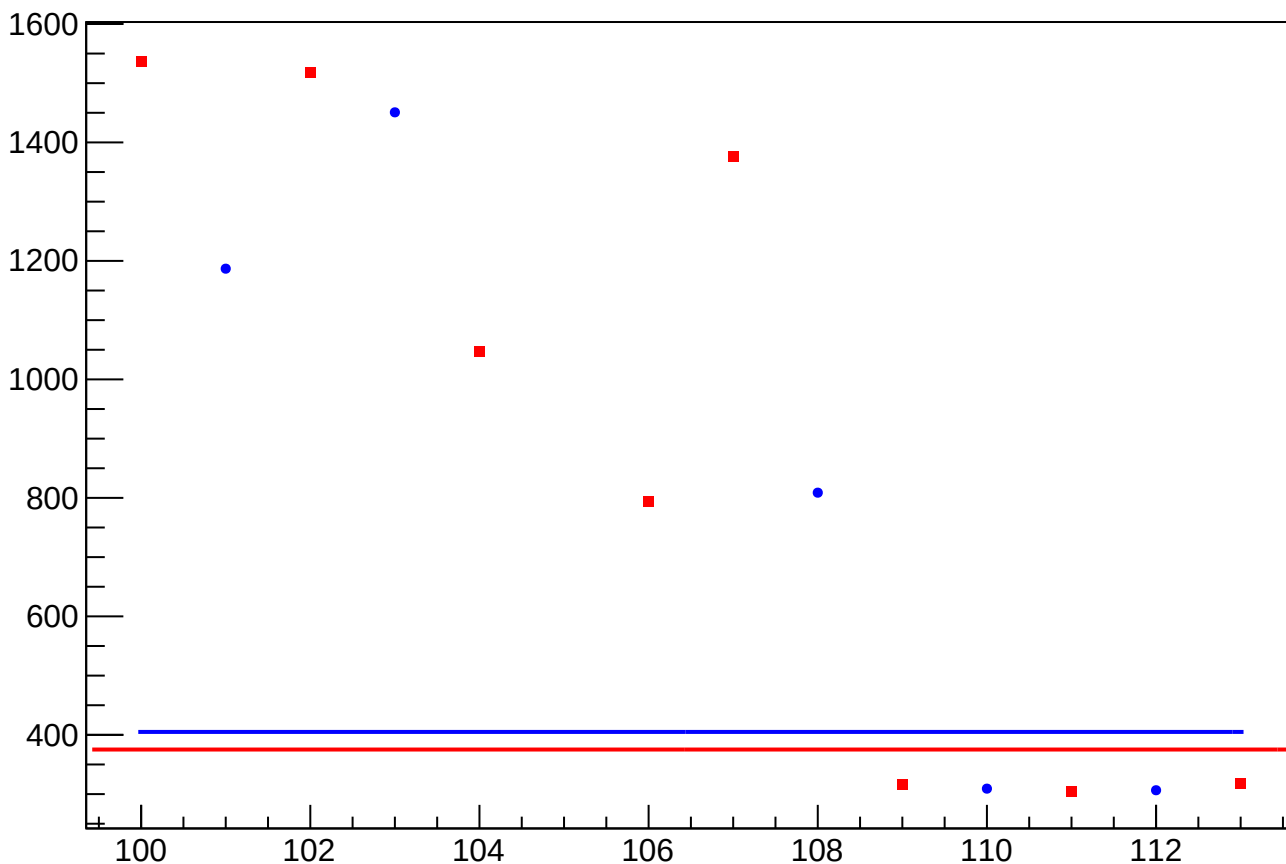
Right: 347.792+/-197.372 χ^2/NDF : 2.8/12

In: 271.052+/-307.233 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 347.792+/-197.372 χ^2/NDF : 2.8/12

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: 375.236+/-0.182 χ^2/NDF : 1560878.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

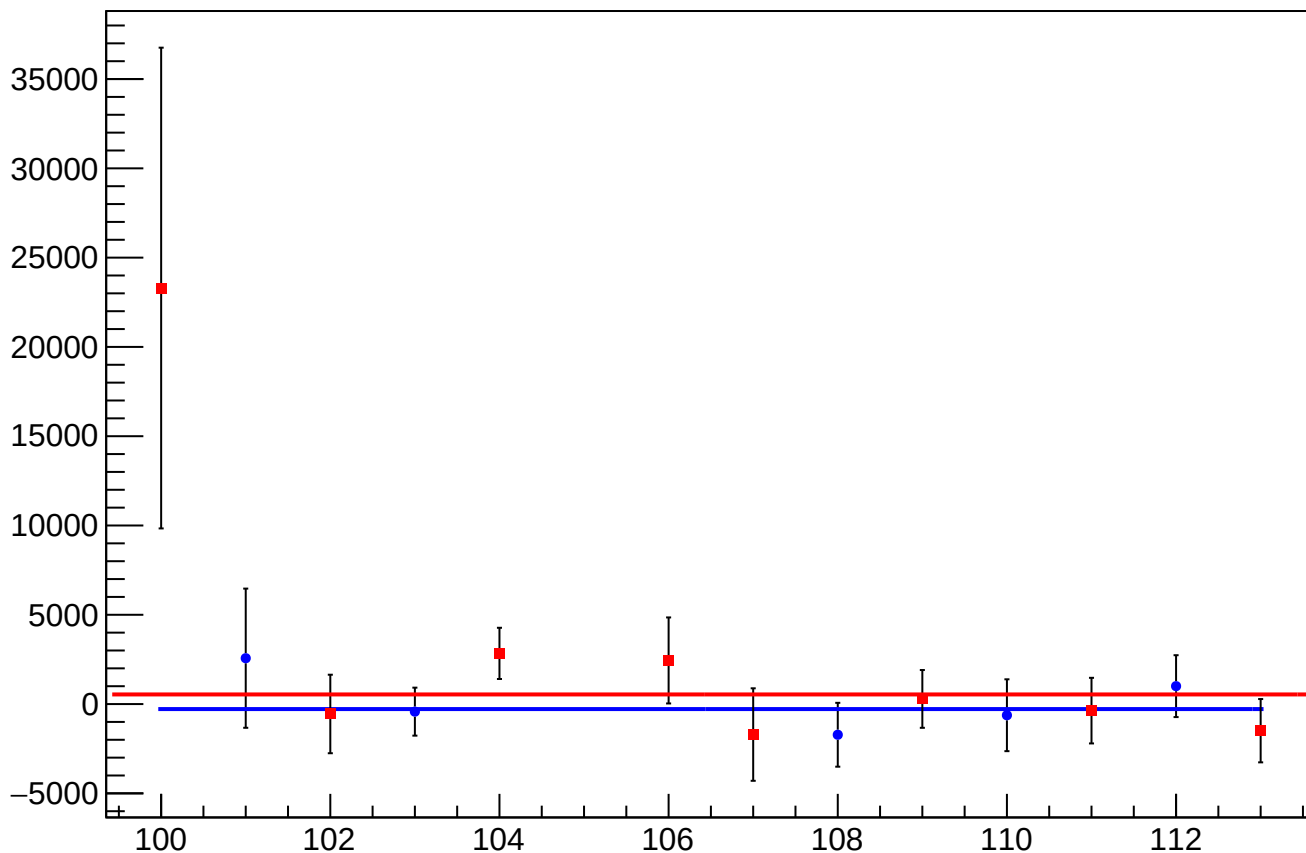
Right: 387.498+/-0.140 χ^2/NDF : 3123728.4/12

In: 404.948+/-0.217 χ^2/NDF : 1551865.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 387.498+/-0.140 χ^2/NDF : 3123728.4/12

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: 539.099+/-704.183 χ^2/NDF : 8.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

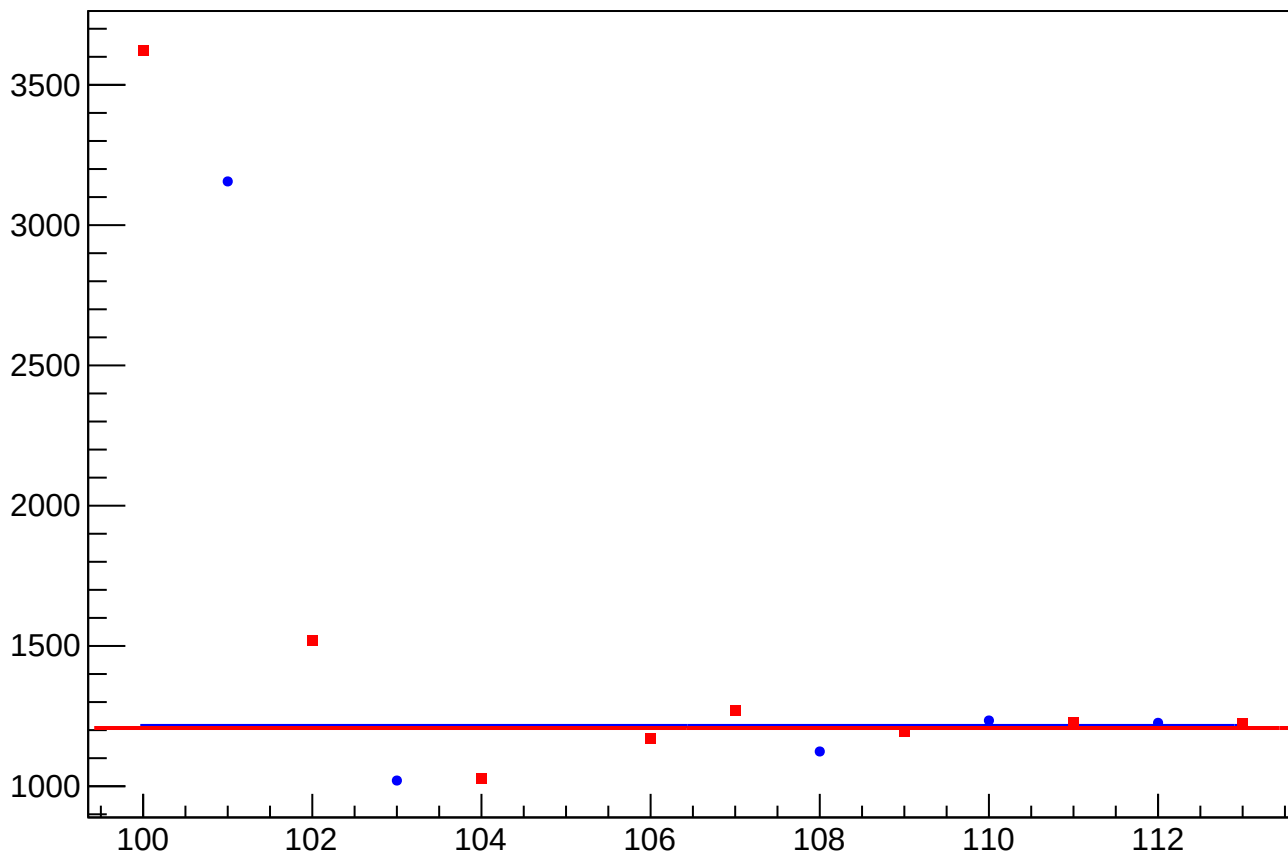
Right: 187.938+/-532.283 χ^2/NDF : 11.0/12

In: -280.155+/-813.016 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 187.938+/-532.283 χ^2/NDF : 11.0/12

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: 1207.563+/-0.498 χ^2/NDF : 138602.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

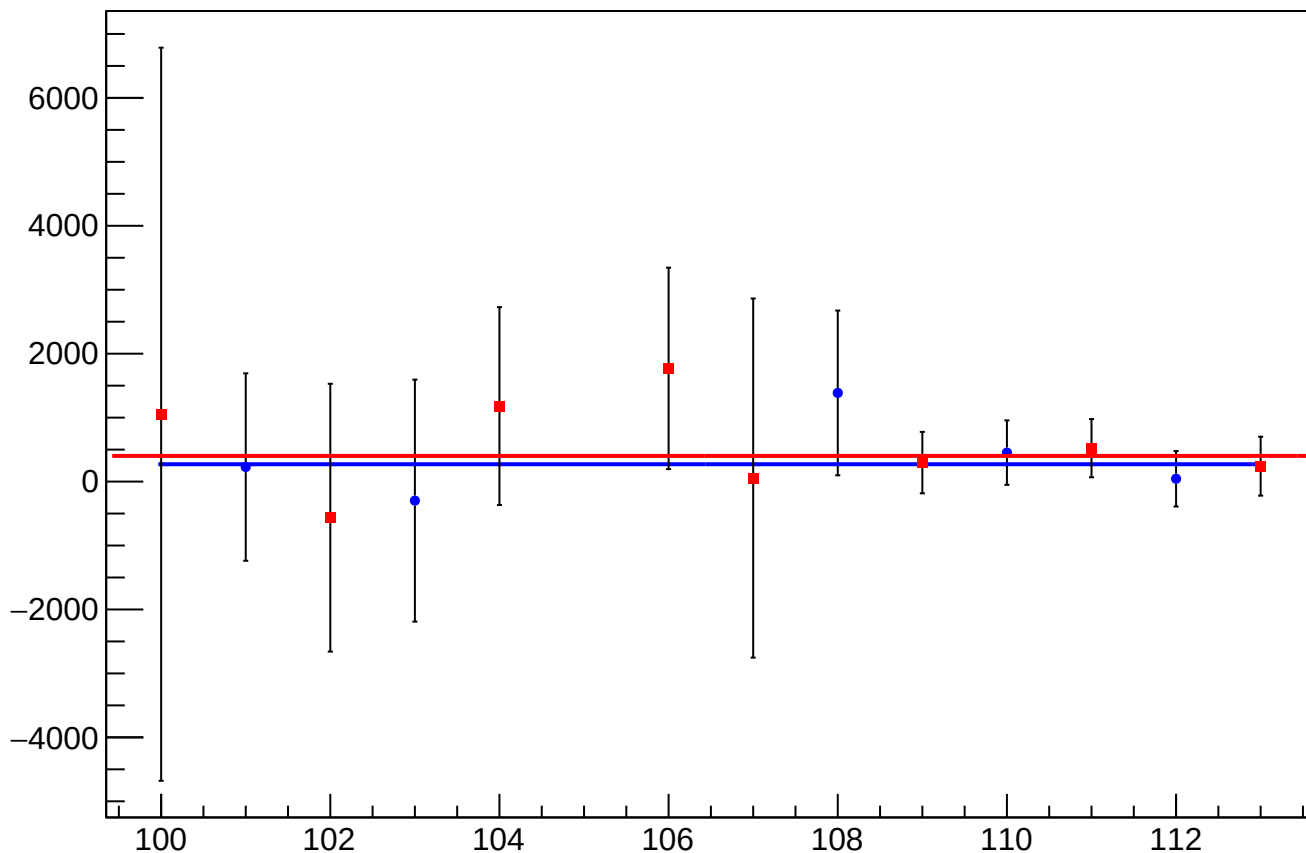
Right: 1210.720+/-0.376 χ^2/NDF : 682196.5/12

In: 1214.929+/-0.575 χ^2/NDF : 543500.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1210.720+/-0.376 χ^2/NDF : 682196.5/12

asym_us_dd_atlr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 271.052 $\pm$ 307.233 χ^2 /NDF: 1.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 401.717 $\pm$ 257.546 χ^2 /NDF: 1.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

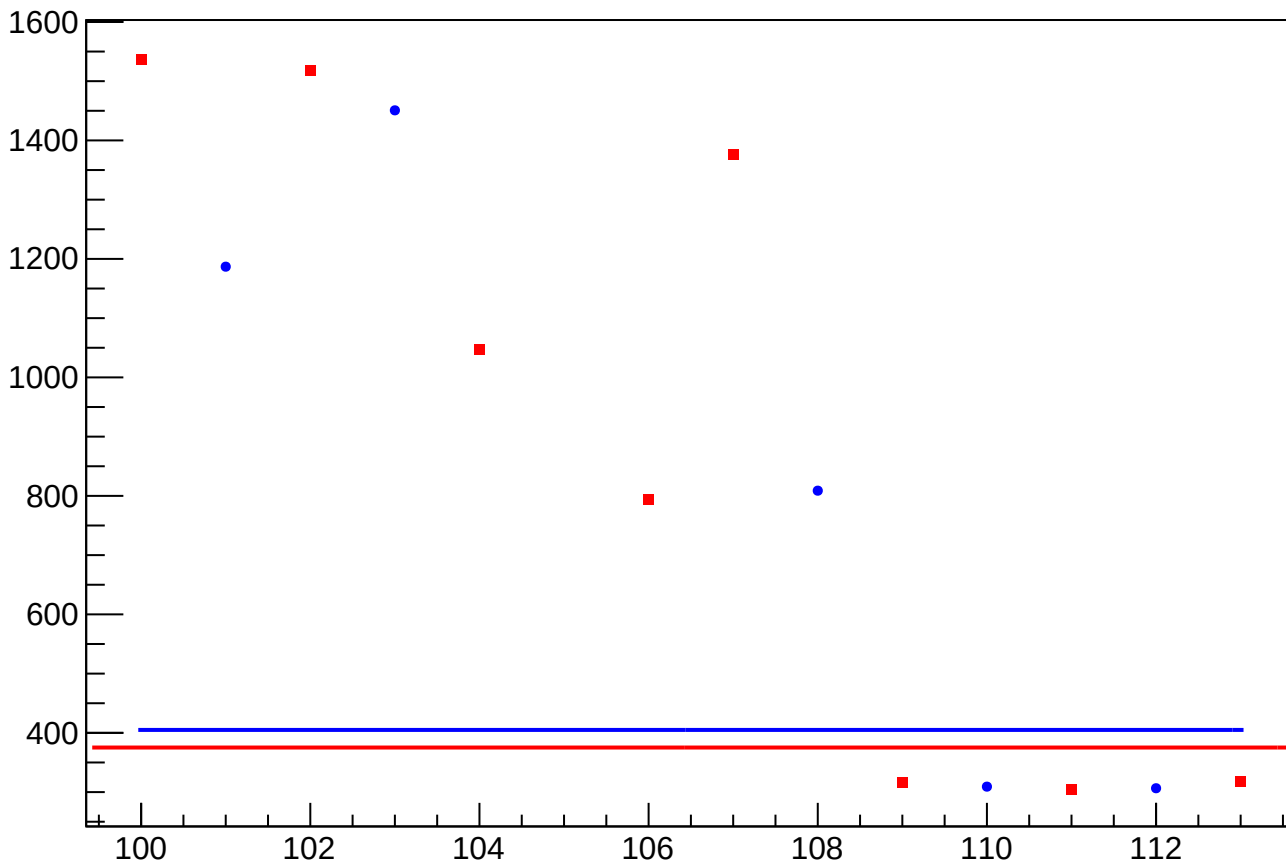
Right: 347.792 $\pm$ 197.372 χ^2 /NDF: 2.8/12

In: 271.052 $\pm$ 307.233 χ^2 /NDF:1.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 347.792 $\pm$ 197.372 χ^2 /NDF: 2.8/12

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: 375.236+/-0.182 χ^2/NDF : 1560878.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

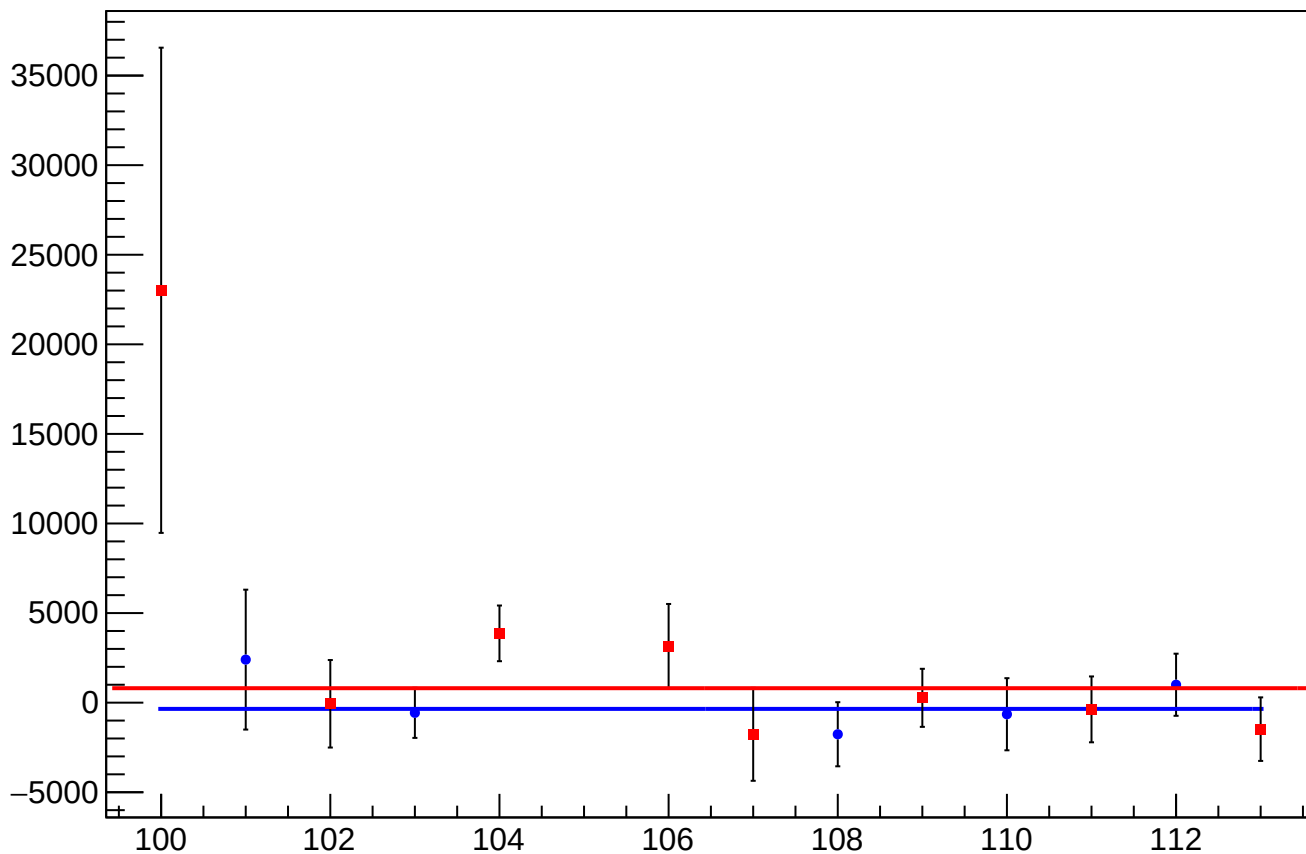
Right: 387.498+/-0.140 χ^2/NDF : 3123728.4/12

In: 404.948+/-0.217 χ^2/NDF : 1551865.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 387.498+/-0.140 χ^2/NDF : 3123728.4/12

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: 806.484+/-723.486 χ^2 /NDF: 10.9/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

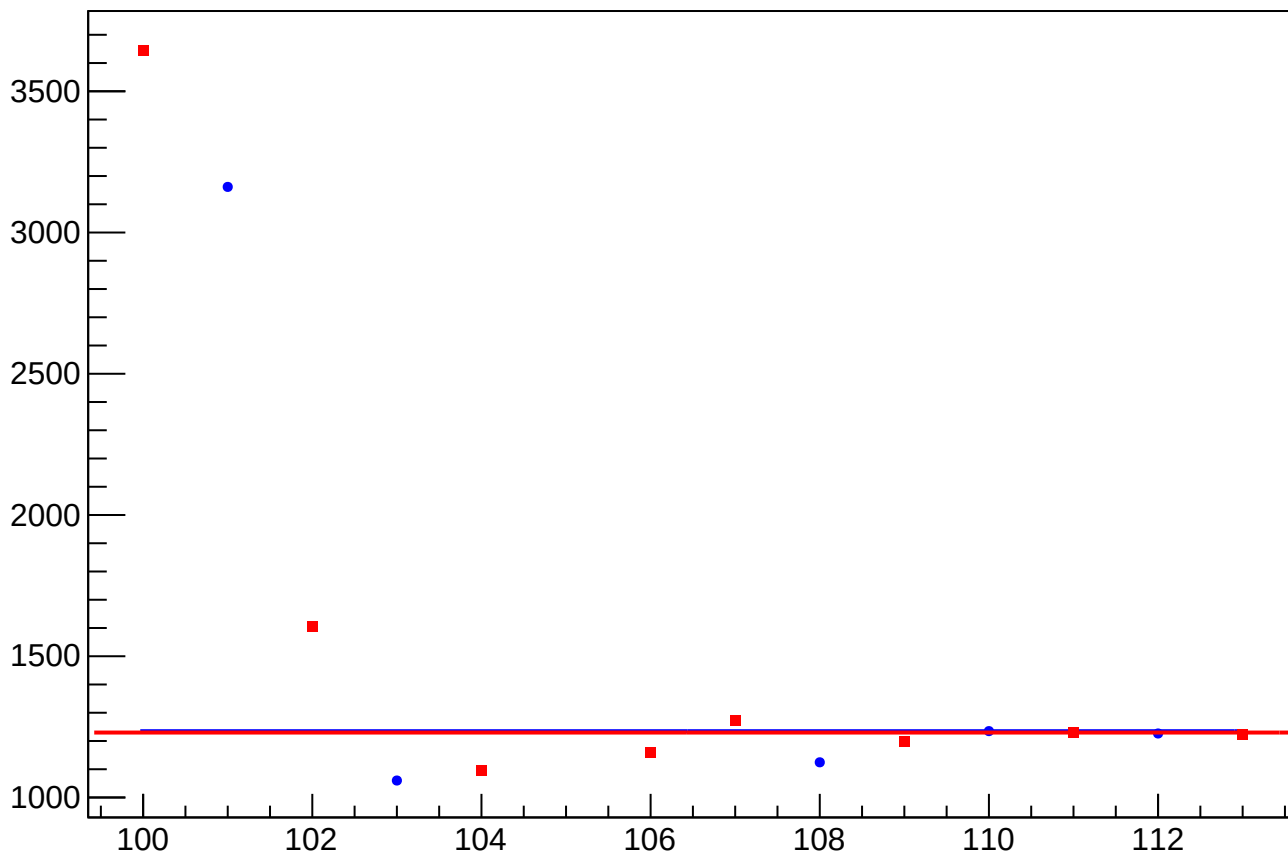
Right: 304.519+/-543.936 χ^2 /NDF: 13.7/12

In: -348.104+/-824.945 χ^2 /NDF:1.8/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 304.519+/-543.936 χ^2 /NDF: 13.7/12

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: 1229.888+/-0.512 χ^2/NDF : 129232.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

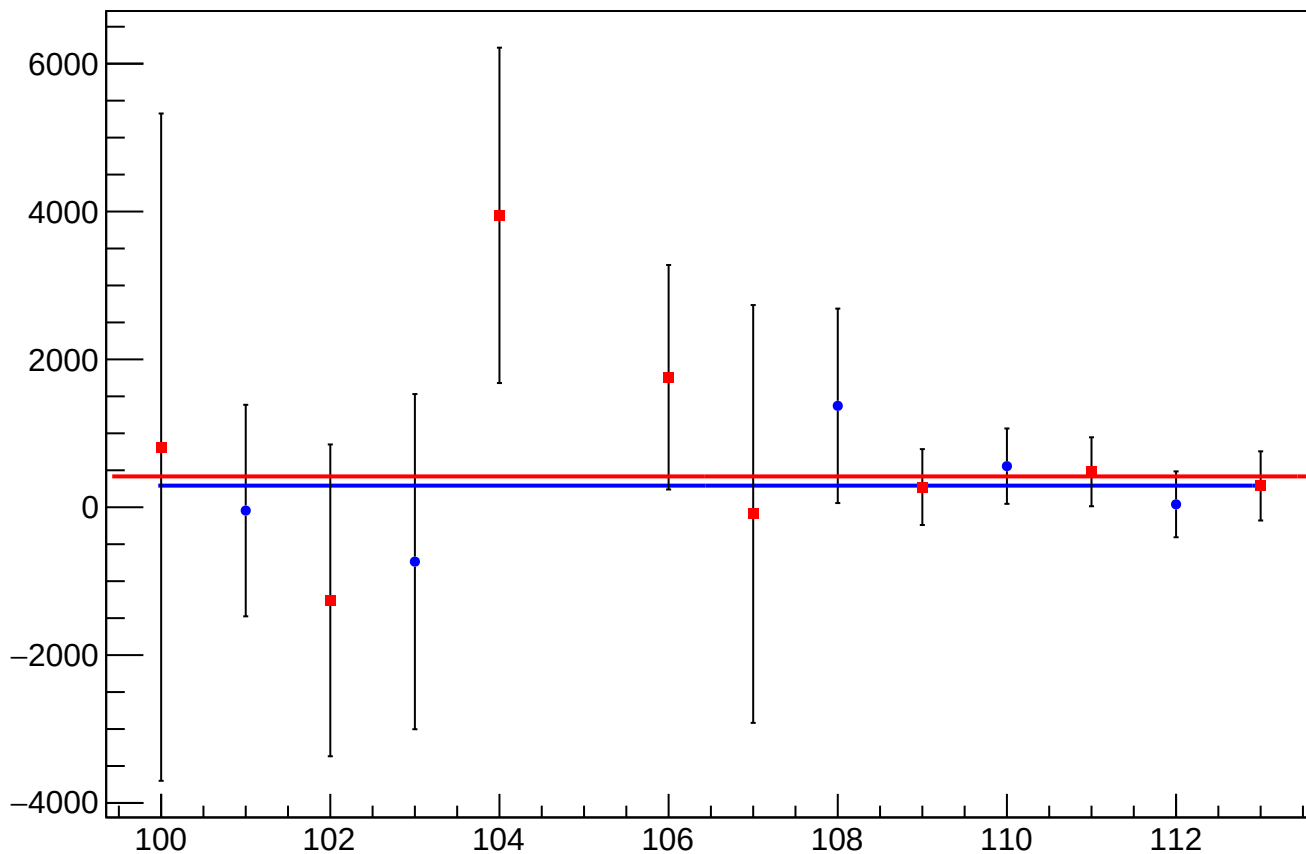
Right: 1231.976+/-0.385 χ^2/NDF : 655265.3/12

In: 1234.690+/-0.583 χ^2/NDF : 525994.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1231.976+/-0.385 χ^2/NDF : 655265.3/12

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: 417.174+/-267.339 χ^2/NDF : 4.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

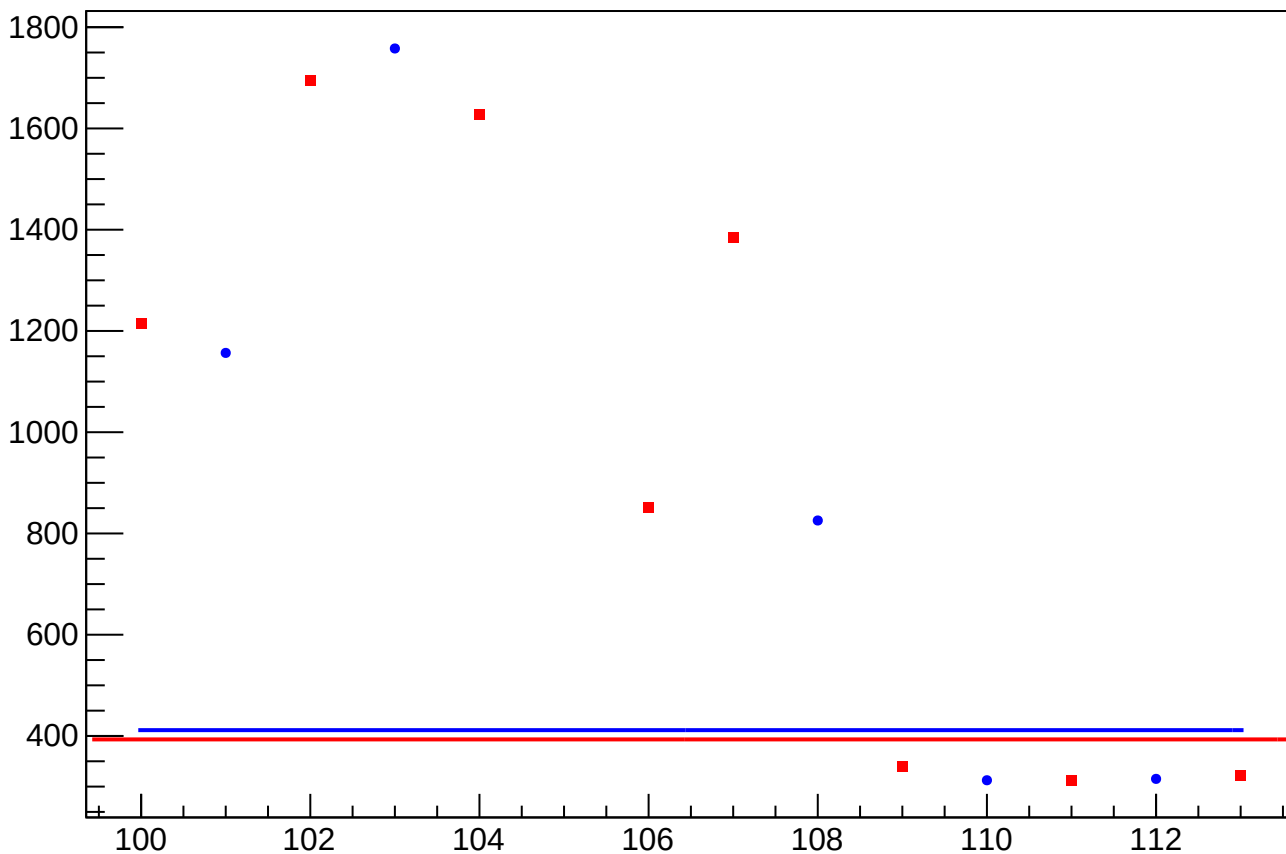
Right: 364.718+/-203.554 χ^2/NDF : 5.7/12

In: 292.356+/-313.993 χ^2/NDF : 1.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 364.718+/-203.554 χ^2/NDF : 5.7/12

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: 393.200+/-0.189 χ^2/NDF : 1977851.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

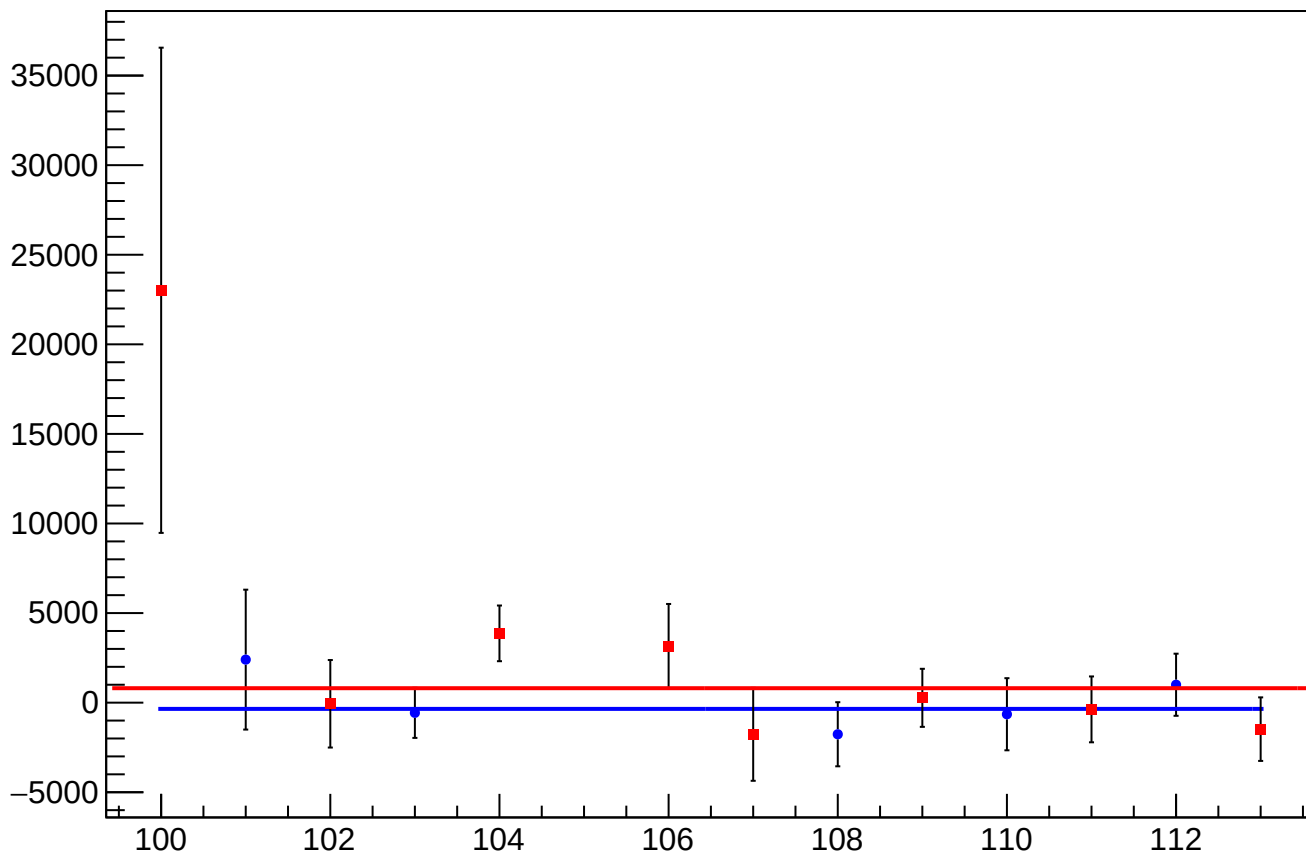
Right: 400.897+/-0.144 χ^2/NDF : 3596741.6/12

In: 411.514+/-0.222 χ^2/NDF : 1614945.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 400.897+/-0.144 χ^2/NDF : 3596741.6/12

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: 806.482+/-723.486 χ^2 /NDF: 10.9/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

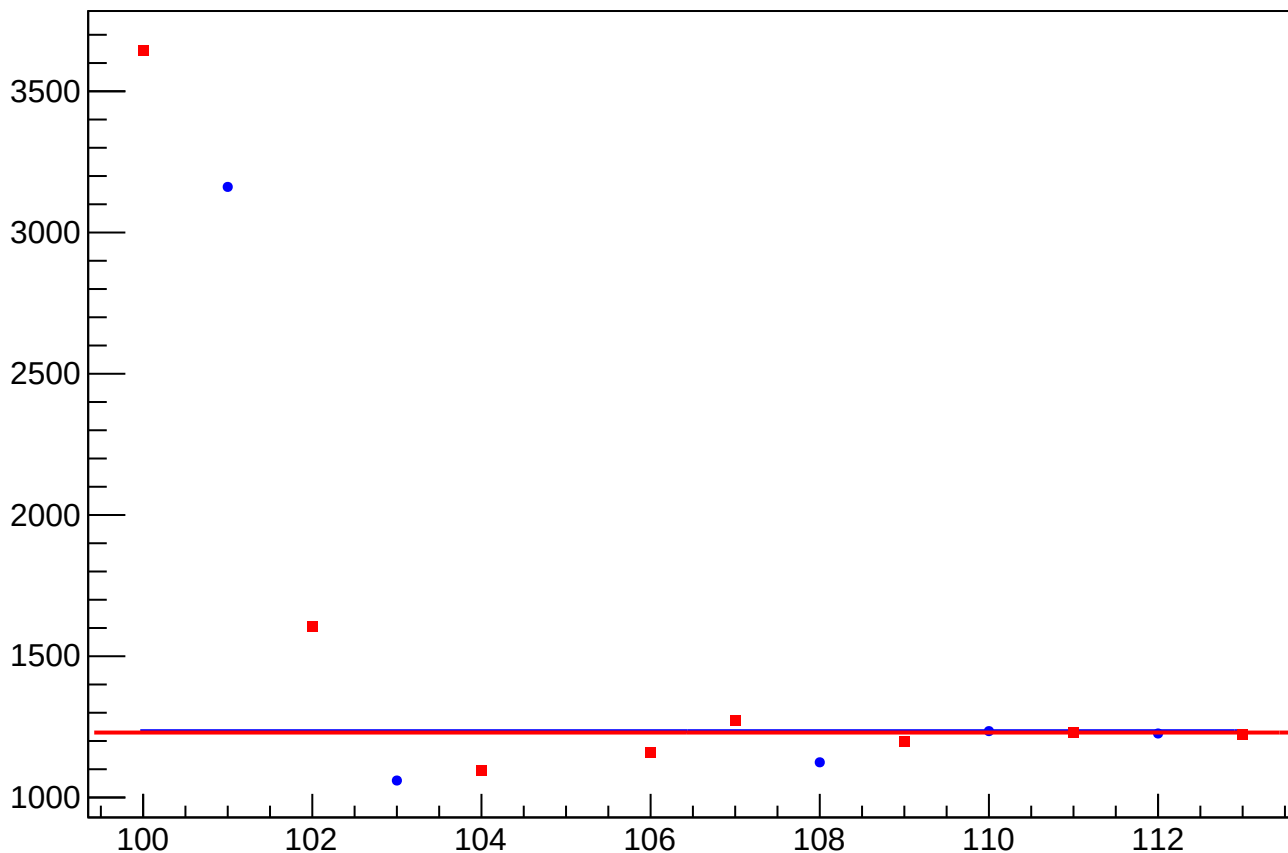
Right: 304.517+/-543.936 χ^2 /NDF: 13.7/12

In: -348.107+/-824.945 χ^2 /NDF:1.8/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 304.517+/-543.936 χ^2 /NDF: 13.7/12

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: 1229.888+/-0.512 χ^2/NDF : 129232.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

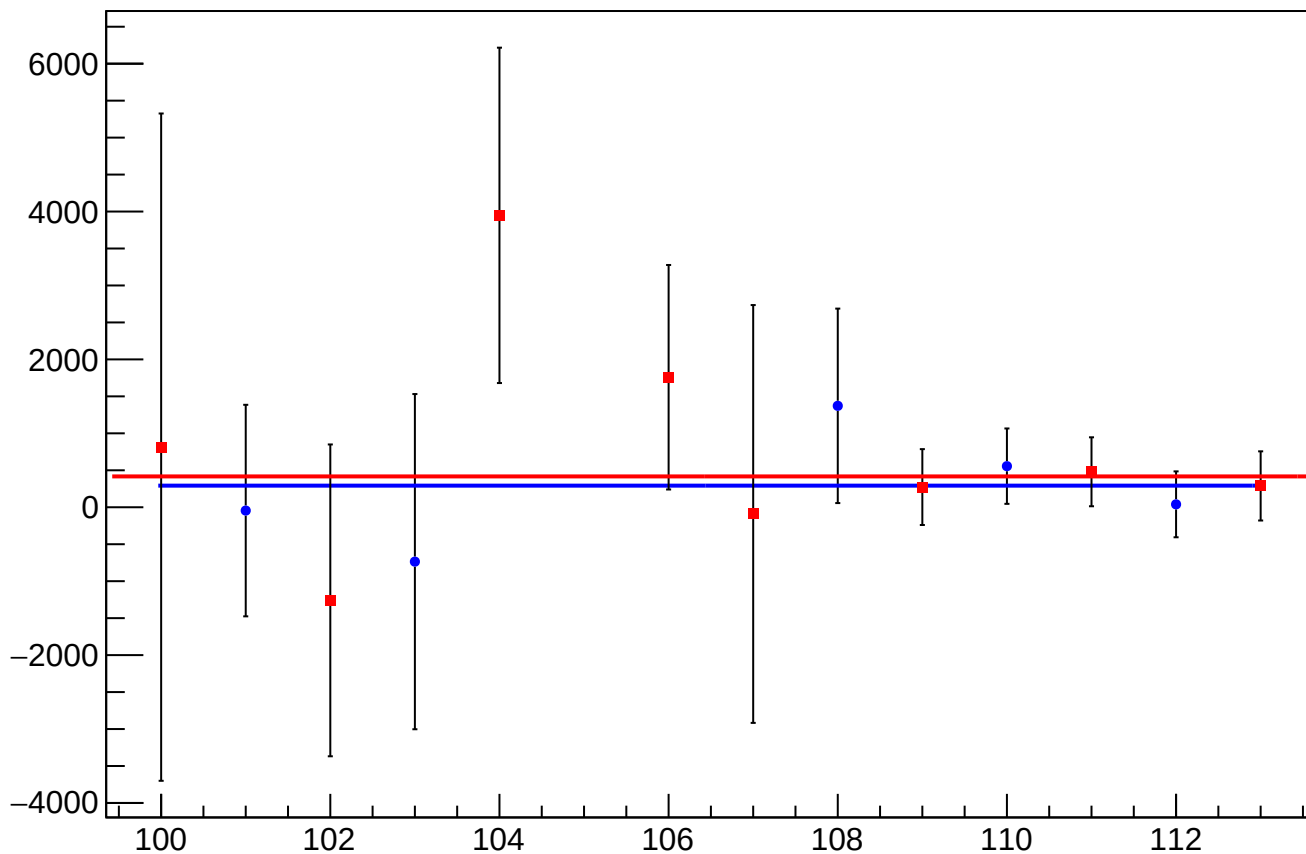
Right: 1231.976+/-0.385 χ^2/NDF : 655265.3/12

In: 1234.691+/-0.583 χ^2/NDF : 525994.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1231.976+/-0.385 χ^2/NDF : 655265.3/12

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: 417.169+/-267.337 χ^2/NDF : 4.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

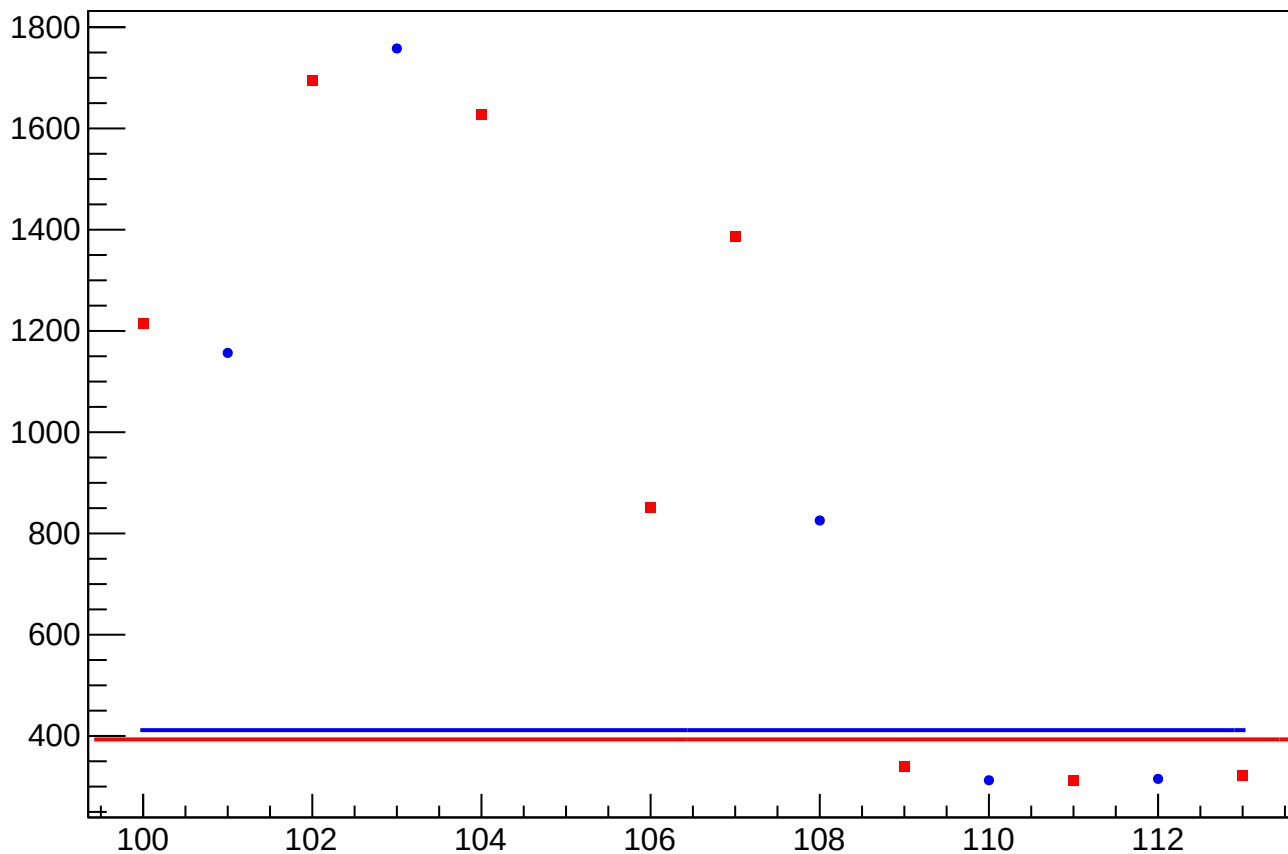
Right: 364.712+/-203.552 χ^2/NDF : 5.7/12

In: 292.348+/-313.991 χ^2/NDF : 1.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 364.712+/-203.552 χ^2/NDF : 5.7/12

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: 393.196+/-0.189 χ^2/NDF : 1977868.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

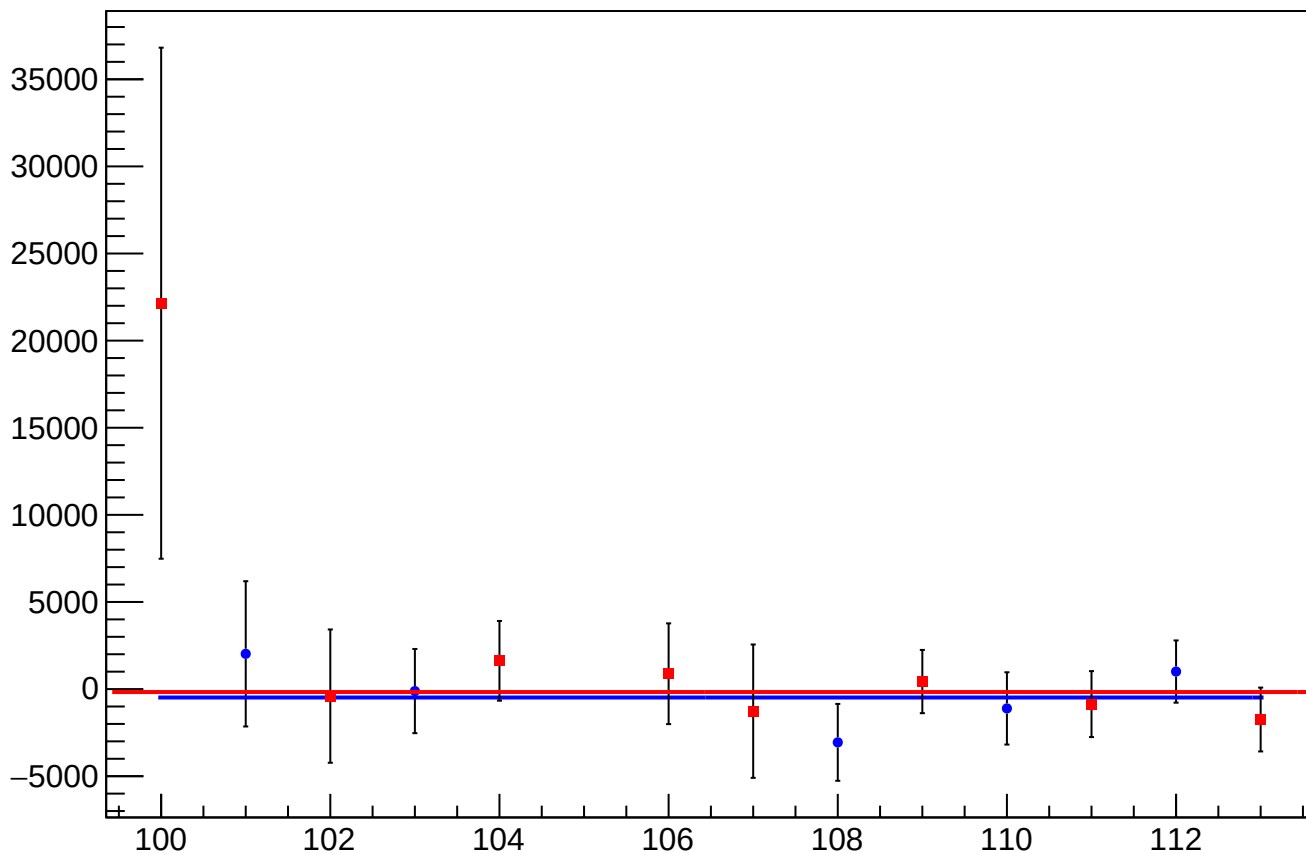
Right: 400.893+/-0.144 χ^2/NDF : 3596766.6/12

In: 411.512+/-0.222 χ^2/NDF : 1614953.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 400.893+/-0.144 χ^2/NDF : 3596766.6/12

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: -169.044+/-866.300 χ^2/NDF : 4.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

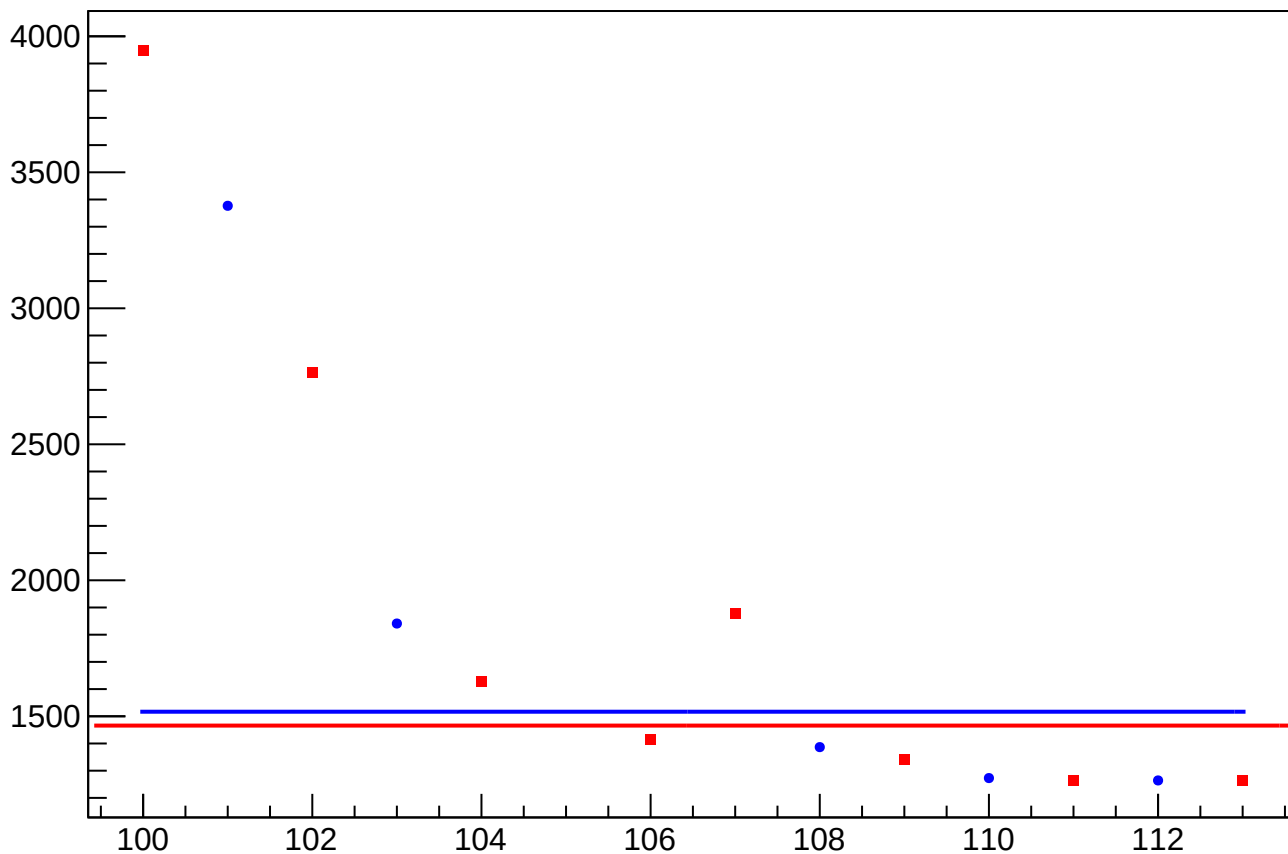
Right: -302.361+/-657.594 χ^2/NDF : 6.7/12

In: -483.624+/-1010.139 χ^2/NDF : 2.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -302.361+/-657.594 χ^2/NDF : 6.7/12

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: 1465.810+/-0.613 χ^2/NDF : 377535.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

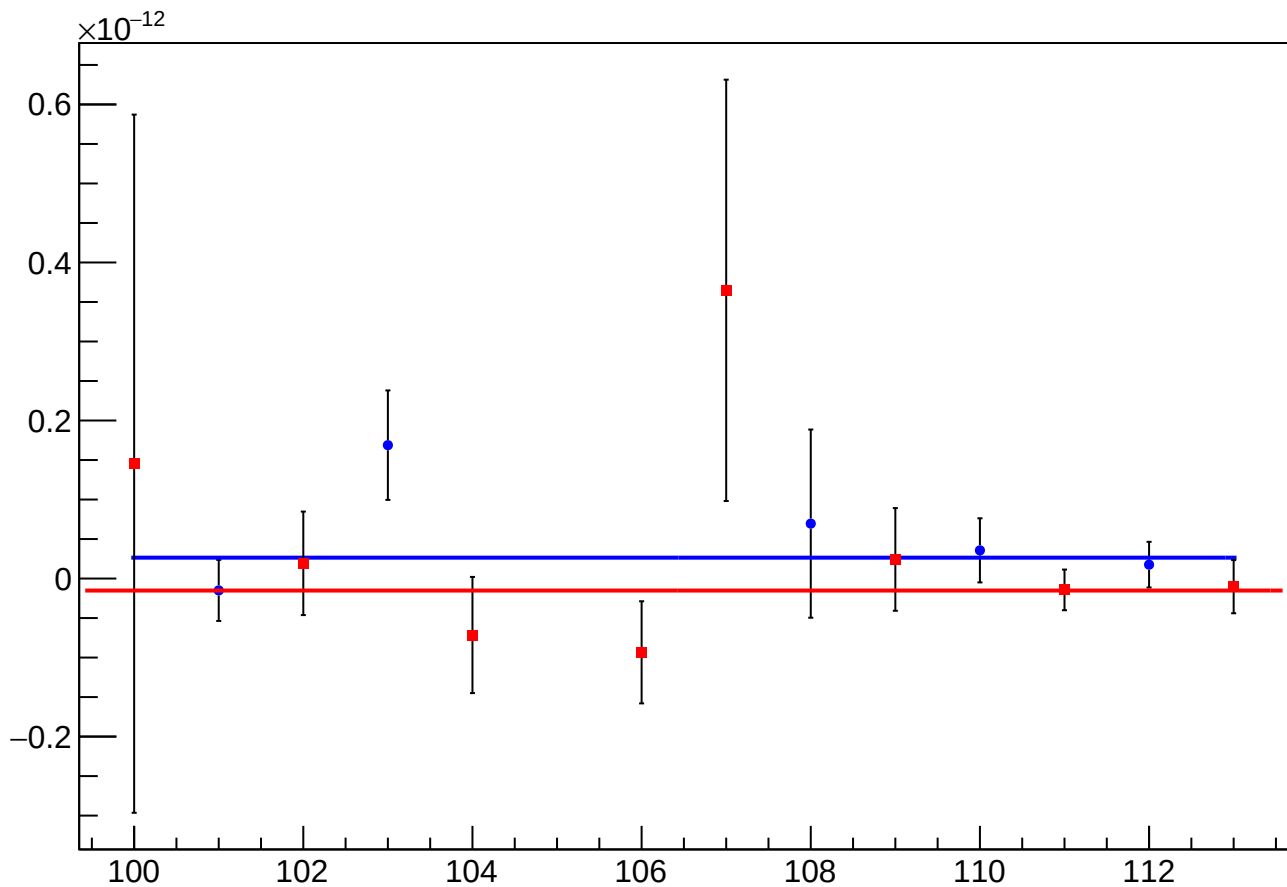
Right: 1487.420+/-0.465 χ^2/NDF : 889260.0/12

In: 1516.801+/-0.714 χ^2/NDF : 508787.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1487.420+/-0.465 χ^2/NDF : 889260.0/12

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 : 4.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

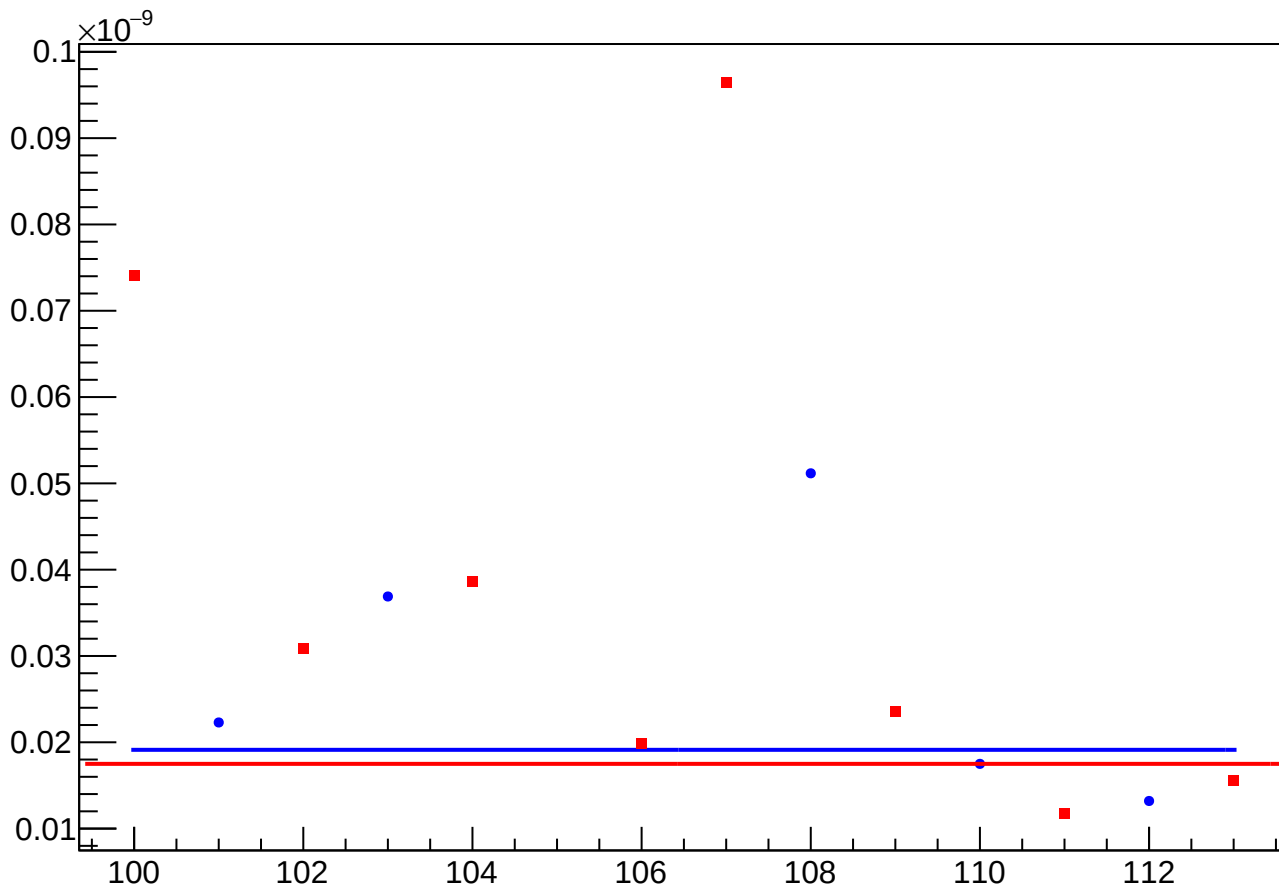
Right: 0.000+/-0.000 χ^2/NDF : 13.1/12

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 : 13.1/12

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 : 582616.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

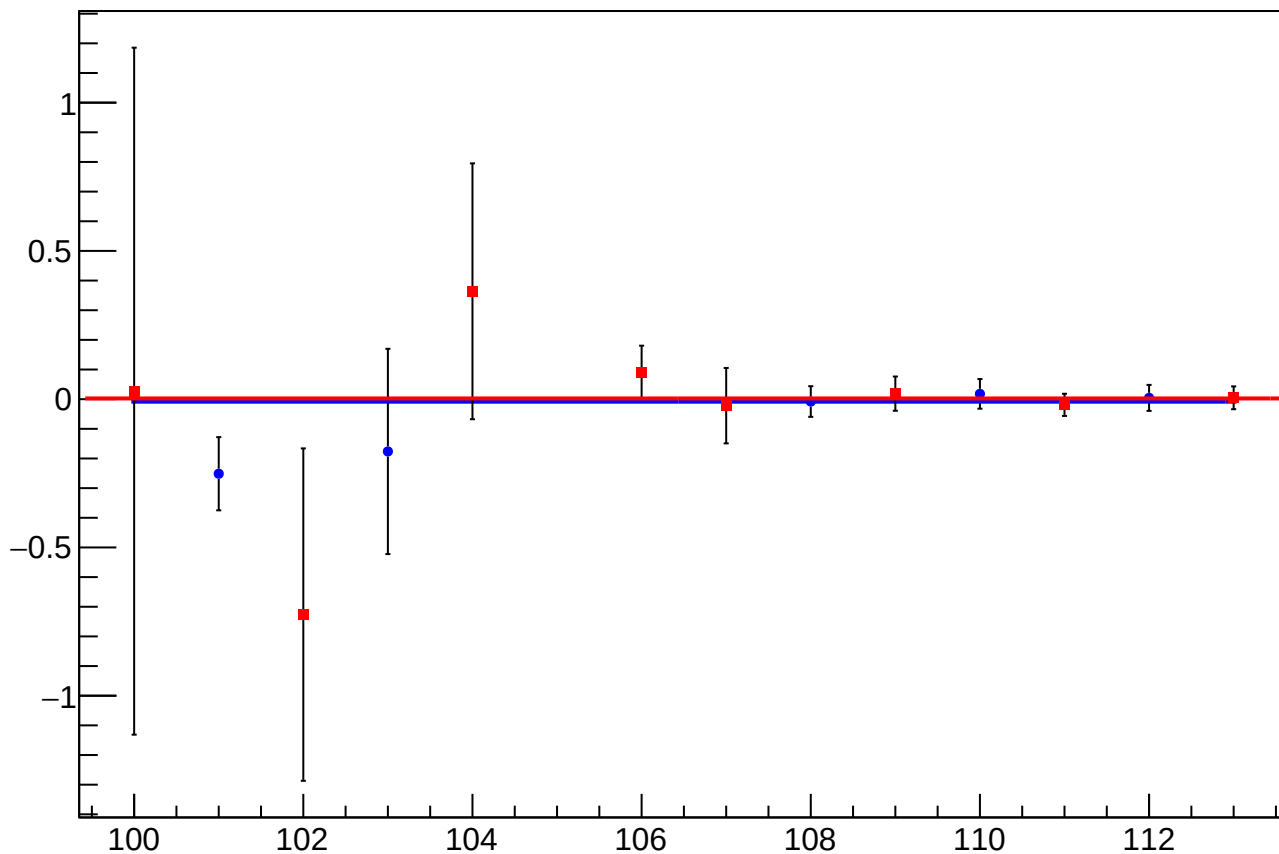
Right: 0.000+/-0.000 χ^2/NDF : 967707.1/12

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 : 967707.1/12

asym_us_dd_atlr_dd_dd_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: 0.002 ± 0.023 χ^2/NDF : 3.8/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

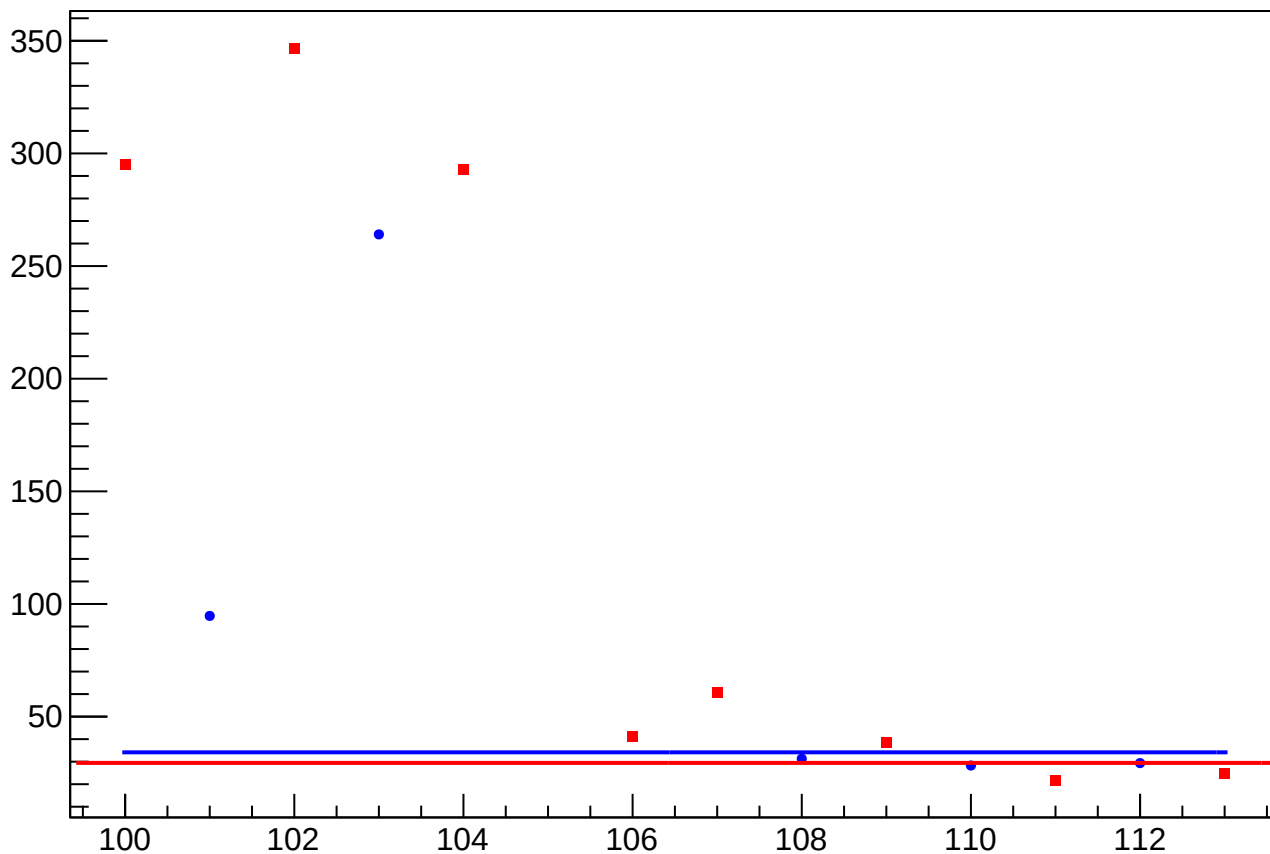
Right: -0.002 ± 0.018 χ^2/NDF : 8.4/12

In: -0.008 ± 0.027 χ^2/NDF : 4.5/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.002 ± 0.018 χ^2/NDF : 8.4/12

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: 29.456+/-0.016 χ^2/NDF : 1813565.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

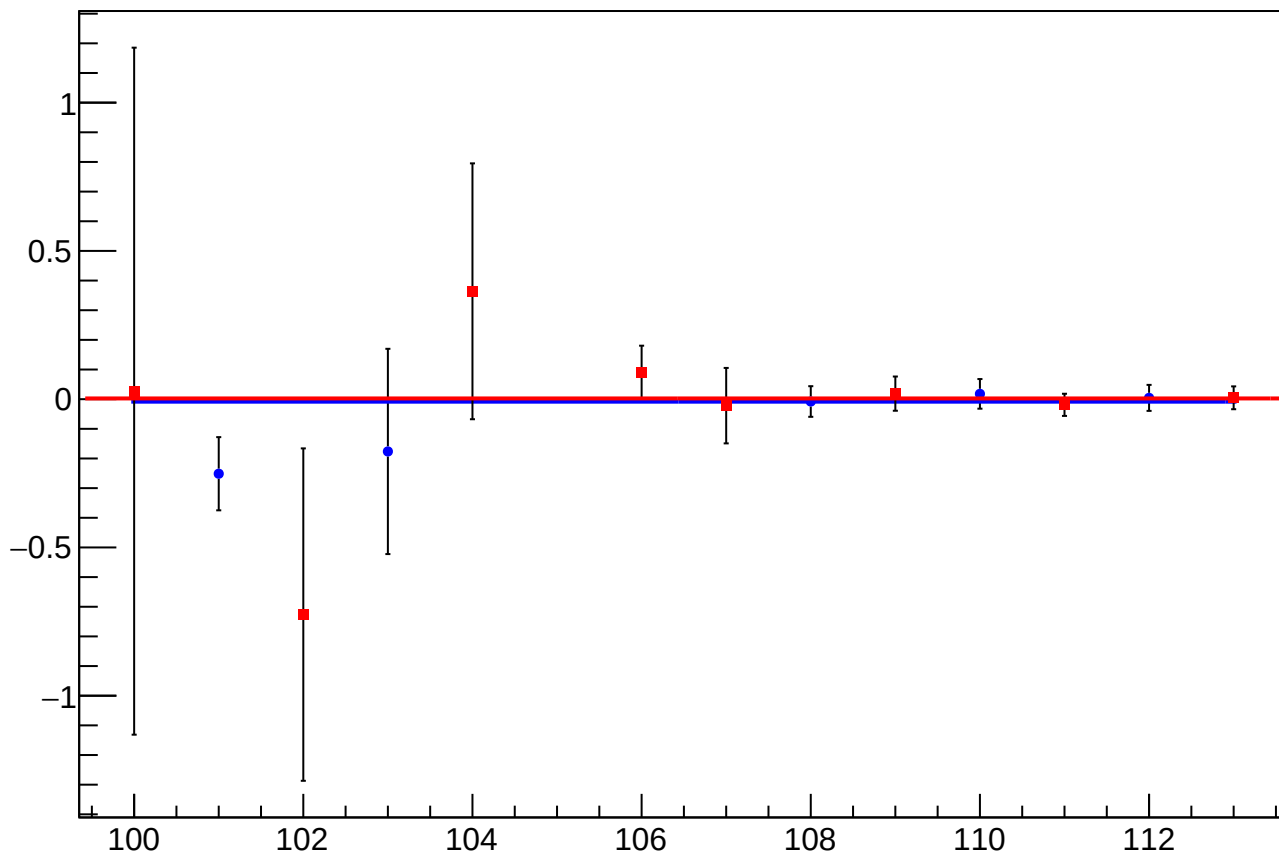
Right: 31.429+/-0.012 χ^2/NDF : 3269761.0/12

In: 34.146+/-0.019 χ^2/NDF :1421297.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 31.429+/-0.012 χ^2/NDF : 3269761.0/12

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: 0.002 $\pm$ 0.023 χ^2 /NDF: 3.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

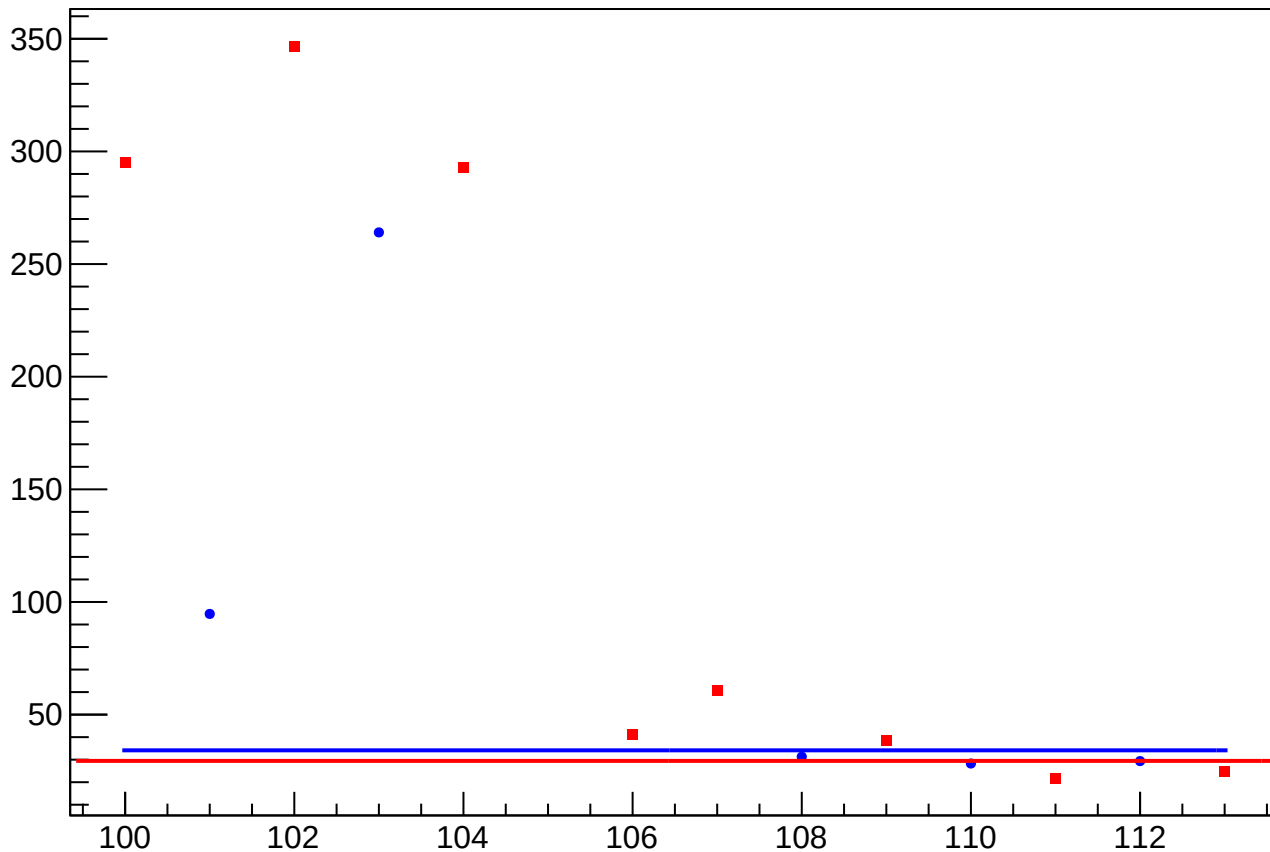
Right: -0.002 $\pm$ 0.018 χ^2 /NDF: 8.4/12

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: -0.002 $\pm$ 0.018 χ^2 /NDF: 8.4/12

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: 29.456+/-0.016 χ^2/NDF : 1813565.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

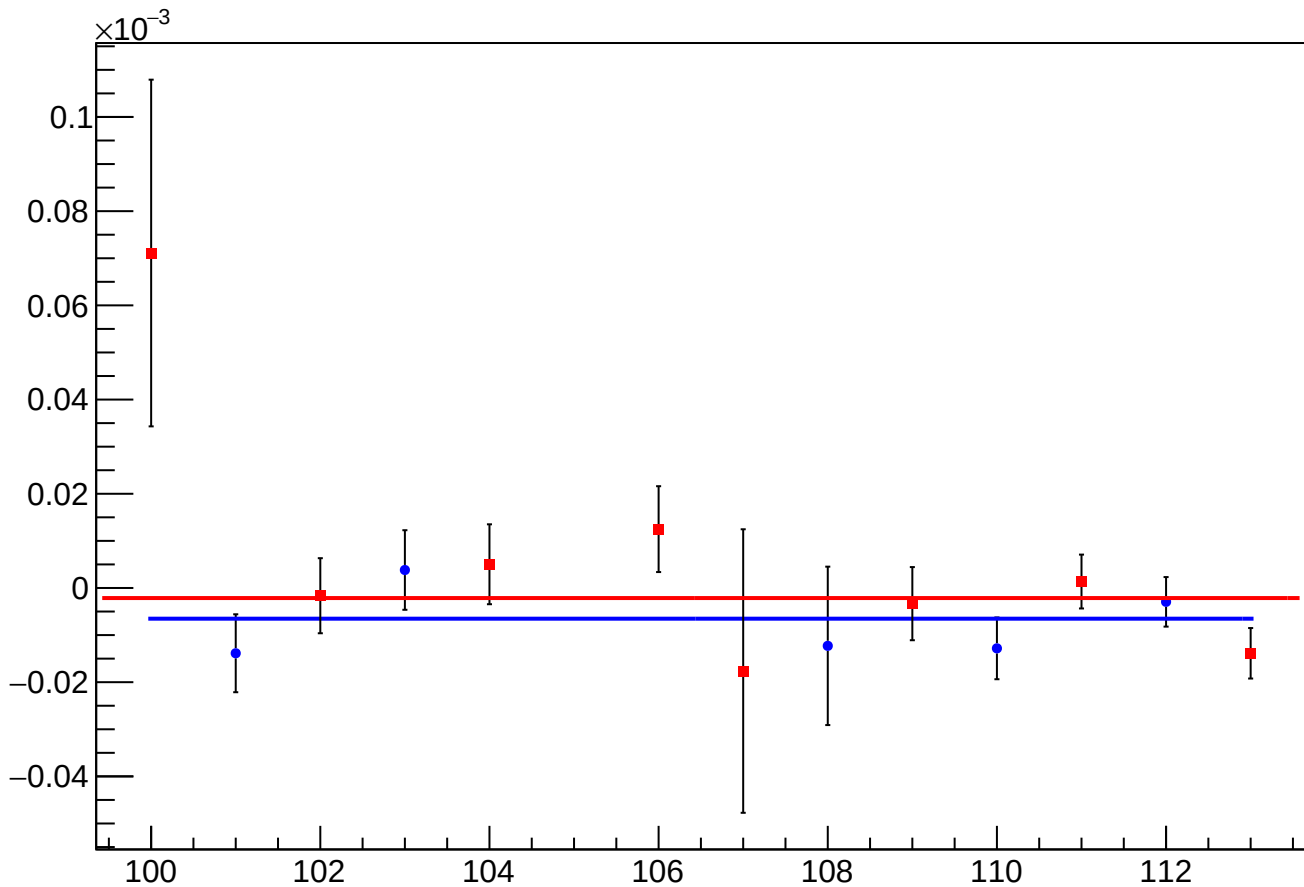
Right: 31.429+/-0.012 χ^2/NDF : 3269761.0/12

In: 34.146+/-0.019 χ^2/NDF :1421297.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 31.429+/-0.012 χ^2/NDF : 3269761.0/12

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 : 12.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

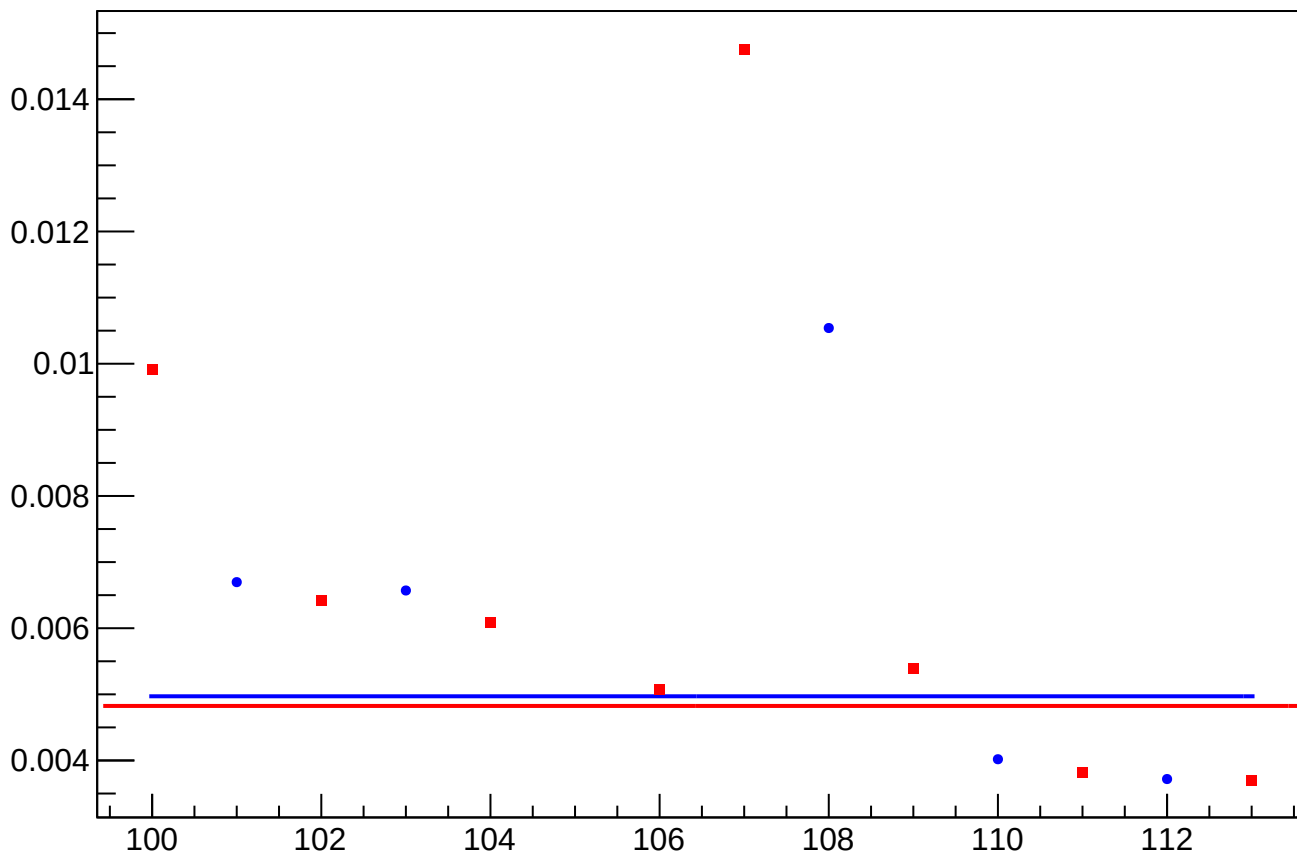
Right: -0.000+/-0.000 χ^2/NDF : 17.5/12

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 : 17.5/12

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 : 543353.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

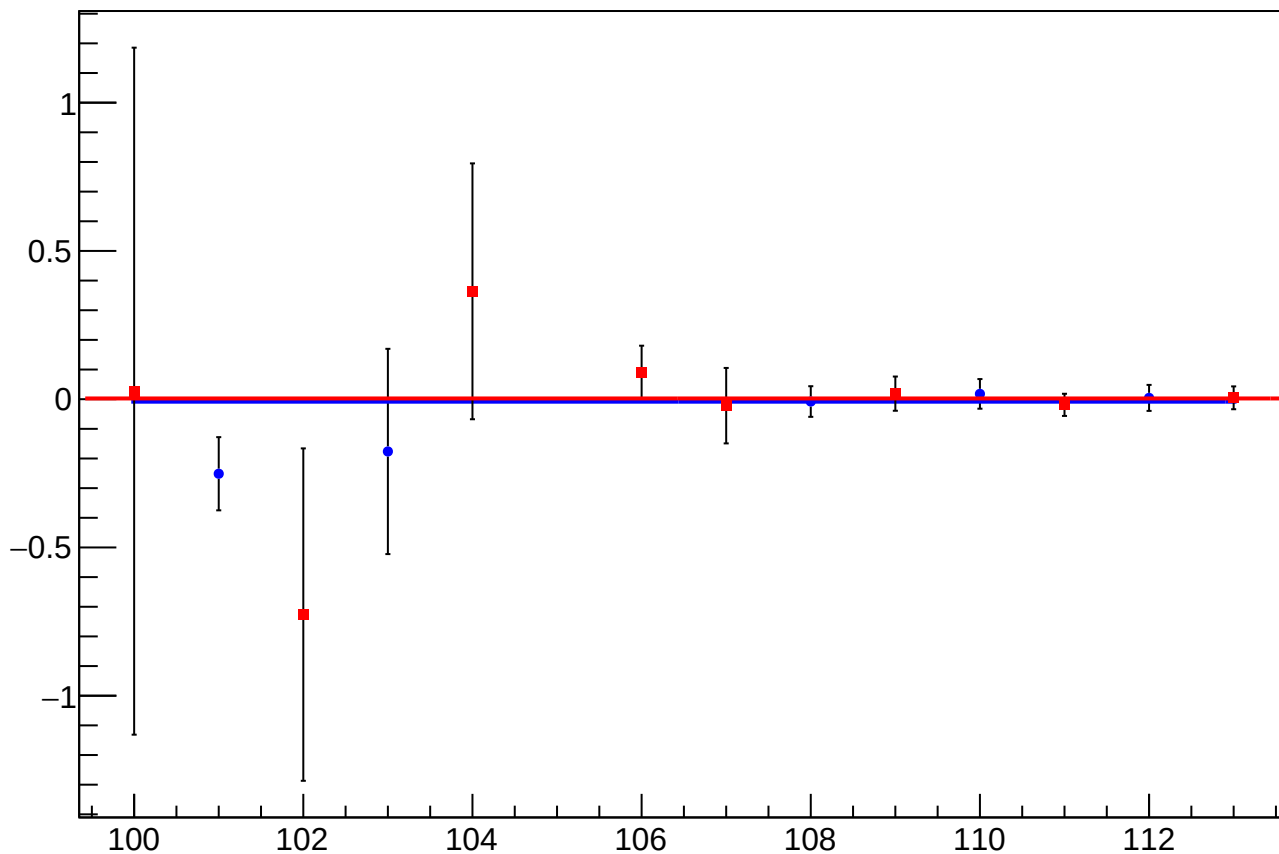
Right: 0.005+/-0.000 χ^2/NDF : 1079183.6/12

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 : 1079183.6/12

asym_us_dd_atlr_dd_dd_eigen_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: 0.002 $\pm$ 0.023 χ^2 /NDF: 3.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

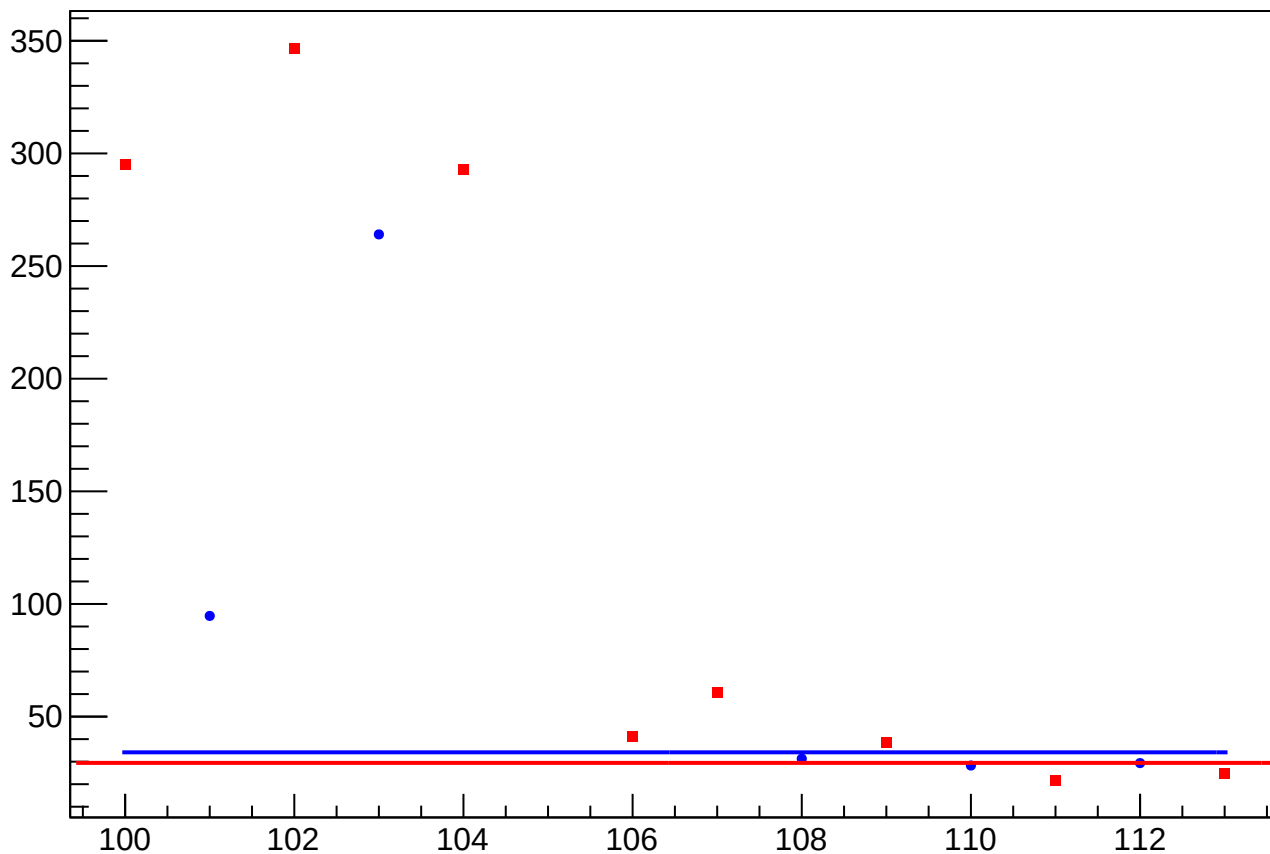
Right: -0.002 $\pm$ 0.018 χ^2 /NDF: 8.4/12

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: -0.002 $\pm$ 0.018 χ^2 /NDF: 8.4/12

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: 29.453+/-0.016 χ^2/NDF : 1813681.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

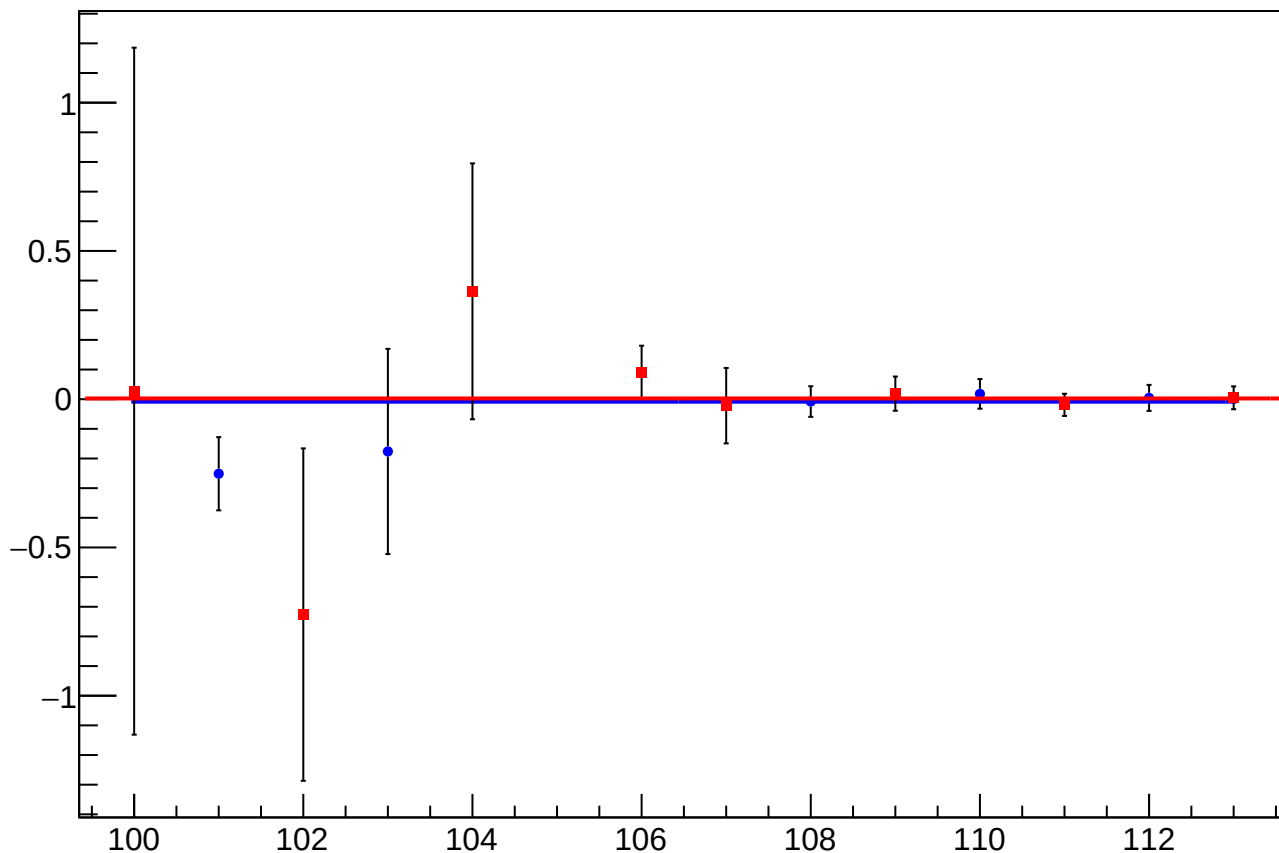
Right: 31.428+/-0.012 χ^2/NDF : 3269940.8/12

In: 34.145+/-0.019 χ^2/NDF : 1421324.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.428+/-0.012 χ^2/NDF : 3269940.8/12

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_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: 0.002 ± 0.023 χ^2/NDF : 3.8/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

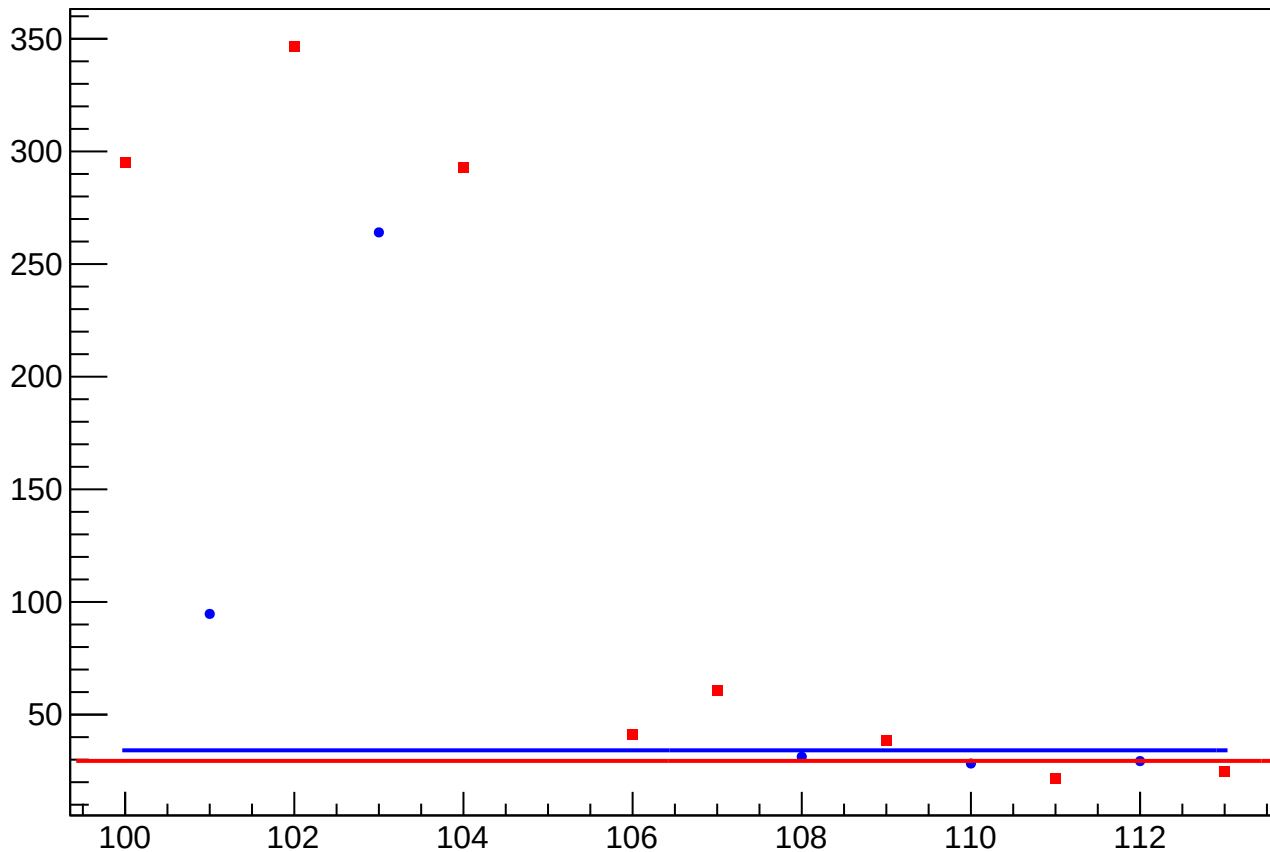
Right: -0.002 ± 0.018 χ^2/NDF : 8.4/12

In: -0.008 ± 0.027 χ^2/NDF : 4.5/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.002 ± 0.018 χ^2/NDF : 8.4/12

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: 29.453+/-0.016 χ^2/NDF : 1813681.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

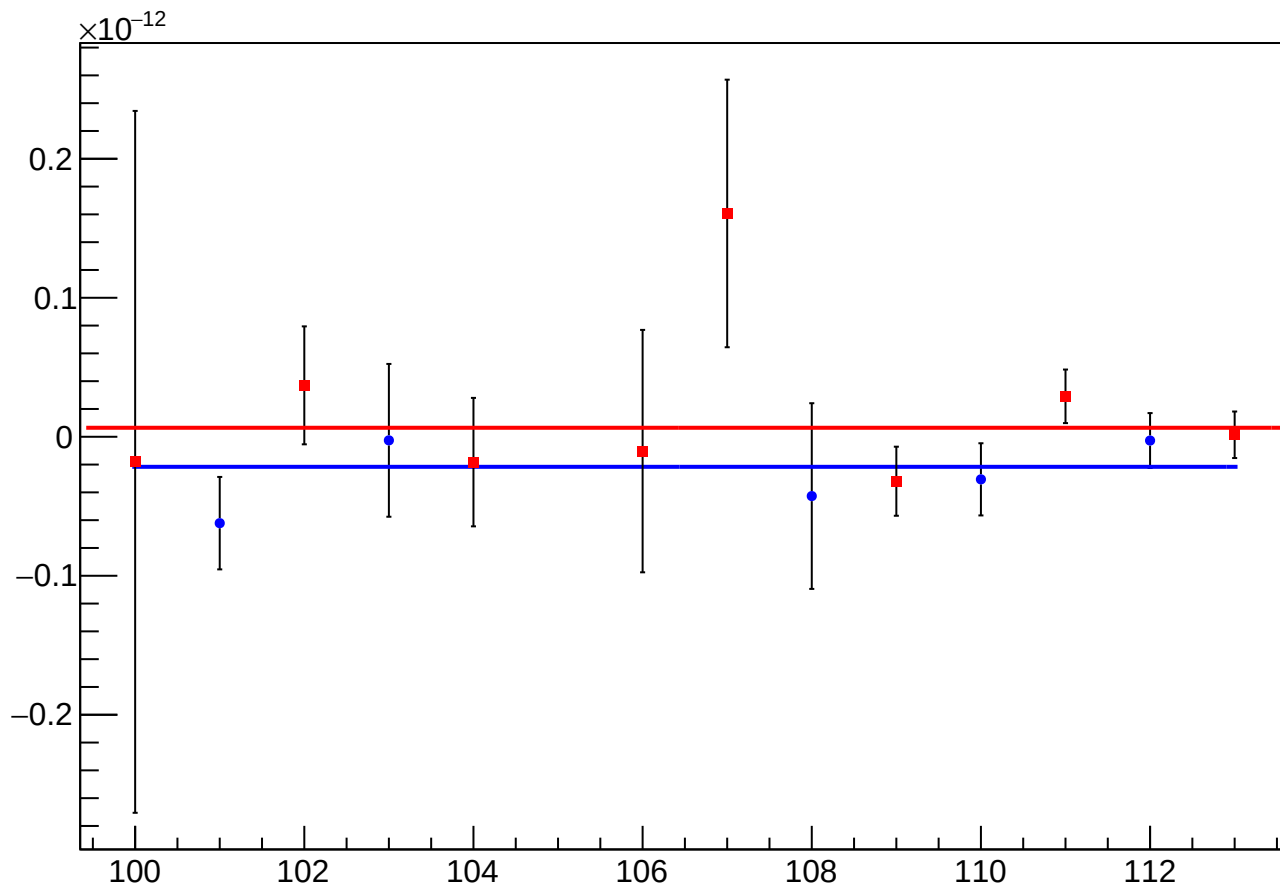
Right: 31.428+/-0.012 χ^2/NDF : 3269940.8/12

In: 34.145+/-0.019 χ^2/NDF : 1421324.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.428+/-0.012 χ^2/NDF : 3269940.8/12

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 : 7.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

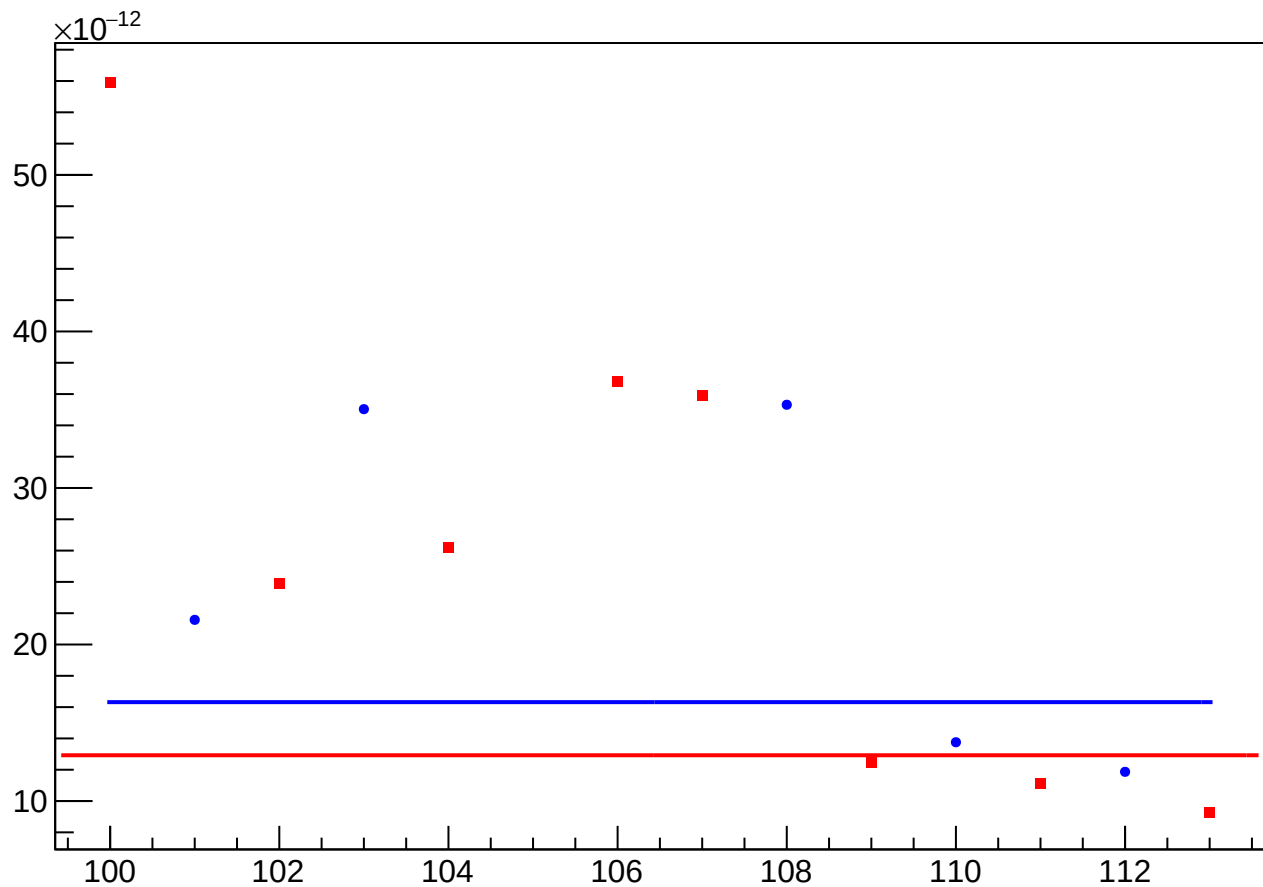
Right: -0.000+/-0.000 χ^2/NDF : 12.7/12

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 : 12.7/12

asym_us_dd_atlr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 564703.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 734654.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

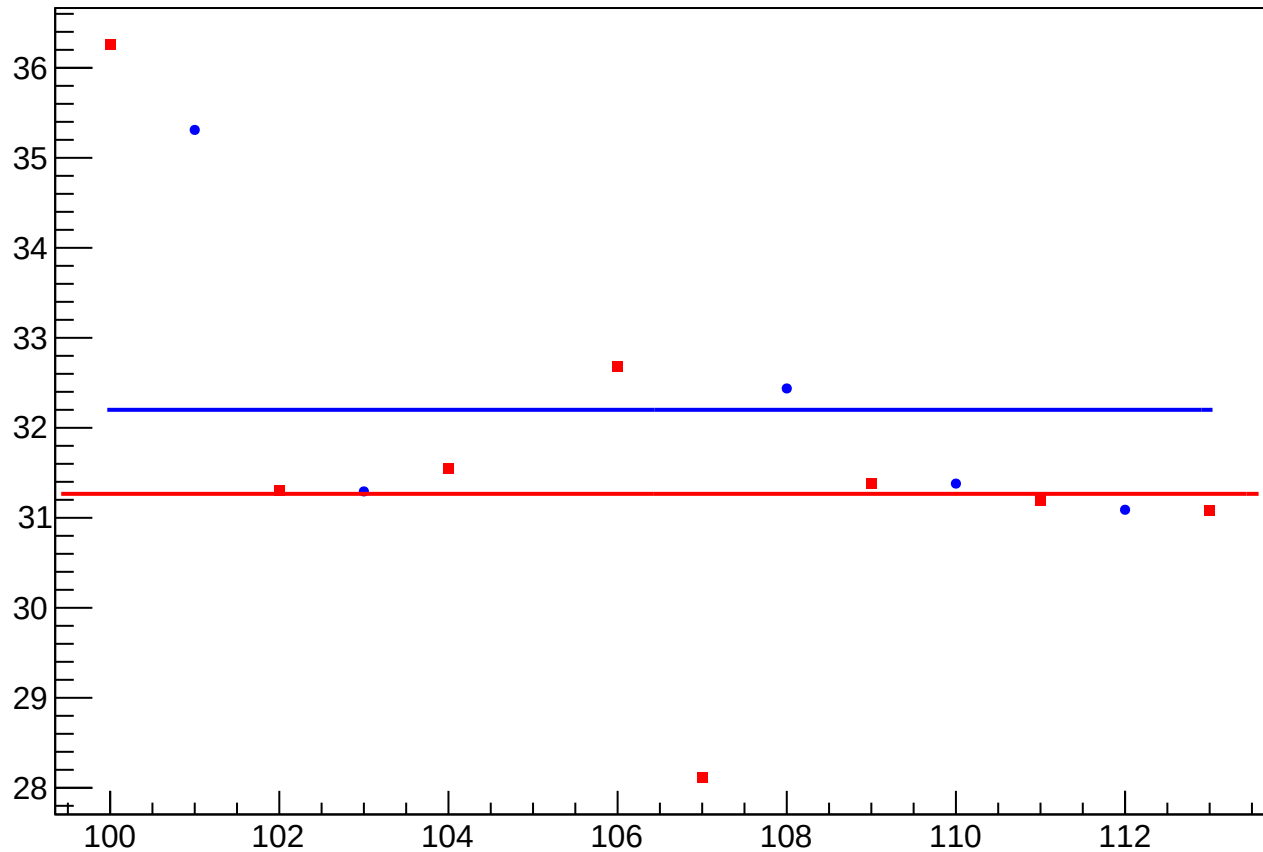
Right: 0.000+/-0.000 χ^2/NDF : 1378547.4/12

In: 0.000+/-0.000 χ^2/NDF : 564703.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1378547.4/12

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: 31.266+/-0.000 χ^2/NDF : 208133740.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

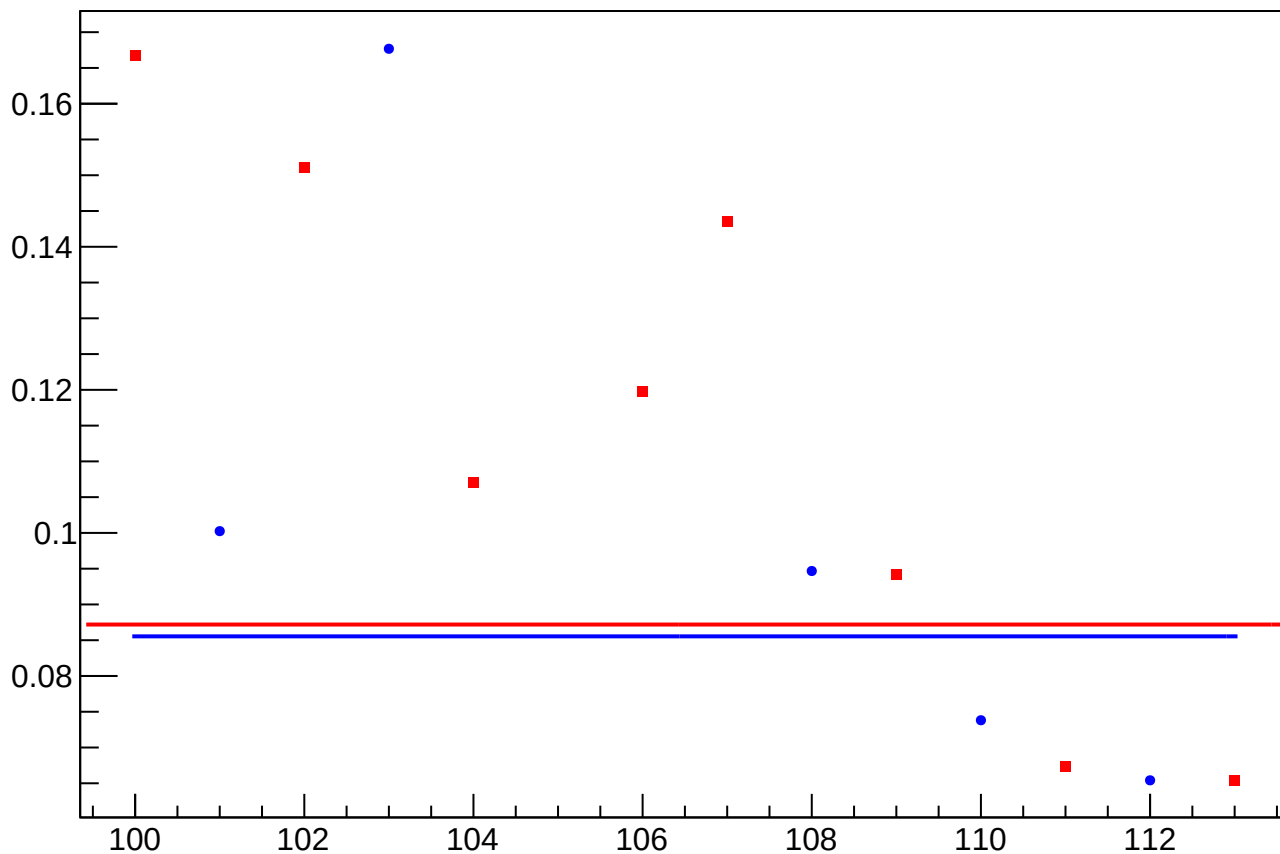
Right: 31.689+/-0.000 χ^2/NDF : 1105828014.5/12

In: 32.200+/-0.000 χ^2/NDF :760664648.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 31.689+/-0.000 χ^2/NDF : 1105828014.5/12

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: 0.087+/-0.000 χ^2/NDF : 550904.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

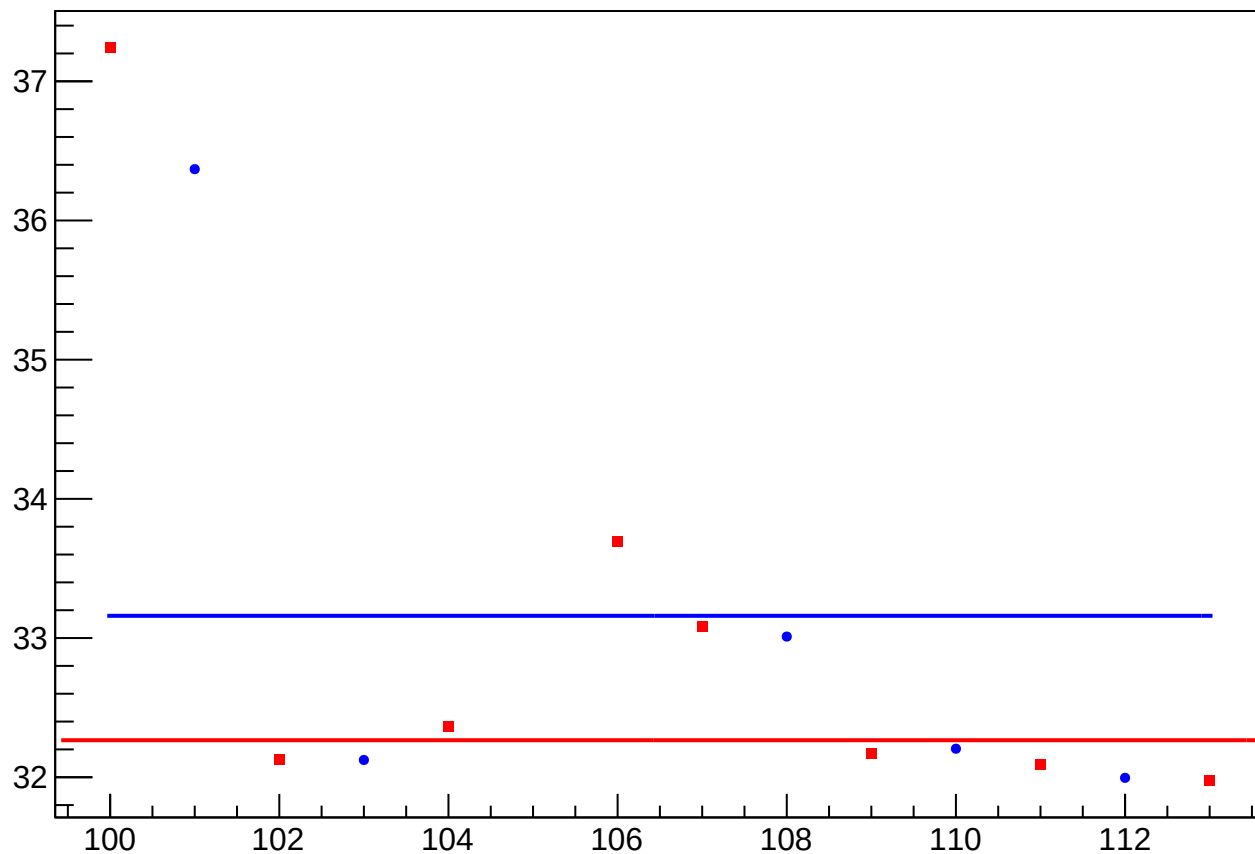
Right: 0.086+/-0.000 χ^2/NDF : 970918.9/12

In: 0.086+/-0.000 χ^2/NDF : 419156.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.086+/-0.000 χ^2/NDF : 970918.9/12

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: 32.266+/-0.000 χ^2/NDF : 81236482.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

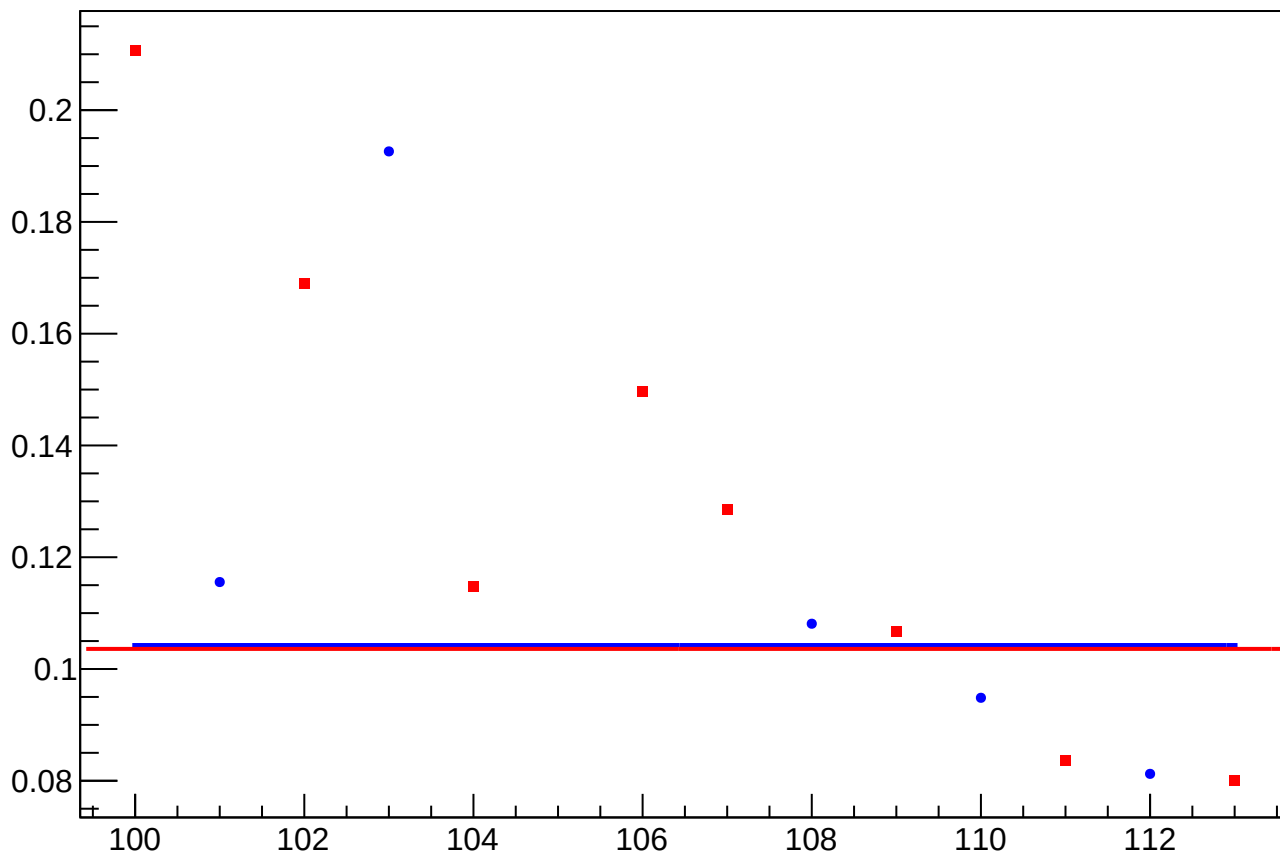
Right: 32.659+/-0.000 χ^2/NDF : 764534073.0/12

In: 33.160+/-0.000 χ^2/NDF : 595420042.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.659+/-0.000 χ^2/NDF : 764534073.0/12

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: 0.104+/-0.000 χ^2/NDF : 411754.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

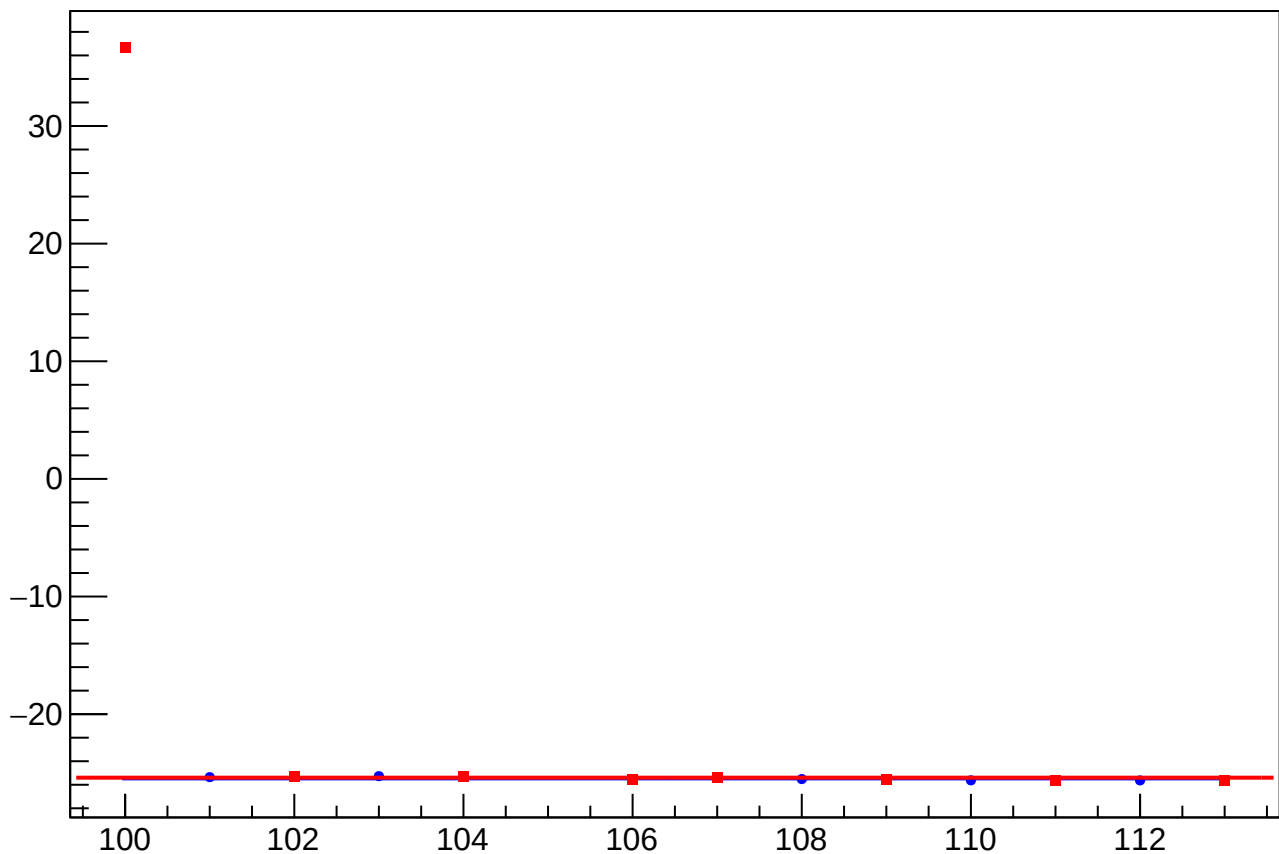
Right: 0.104+/-0.000 χ^2/NDF : 752780.4/12

In: 0.104+/-0.000 χ^2/NDF : 340920.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.104+/-0.000 χ^2/NDF : 752780.4/12

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: -25.398+/-0.000 χ^2/NDF : 8808862333.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

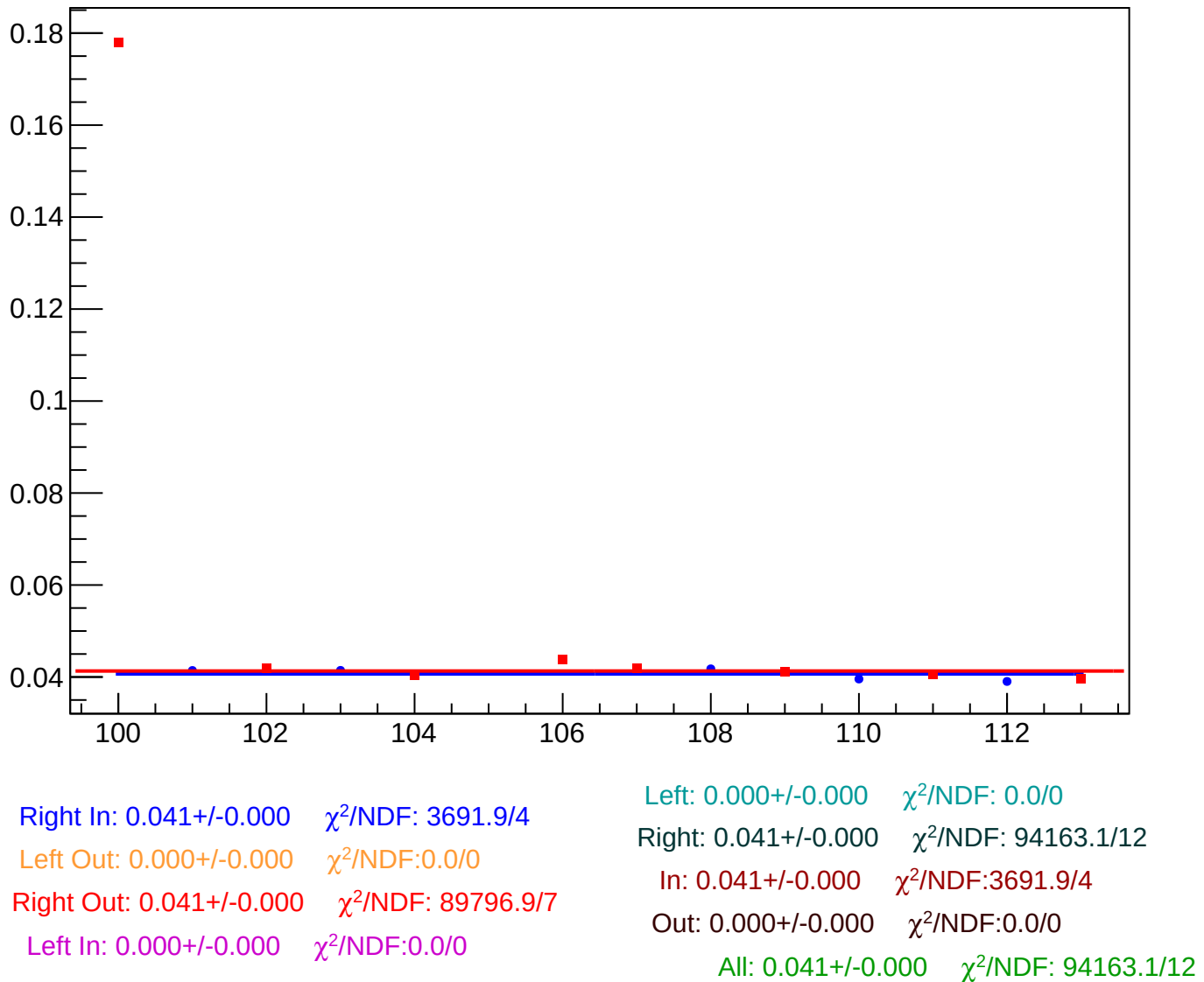
Right: -25.425+/-0.000 χ^2/NDF : 8845569177.8/12

In: -25.459+/-0.000 χ^2/NDF : 33558072.3/4

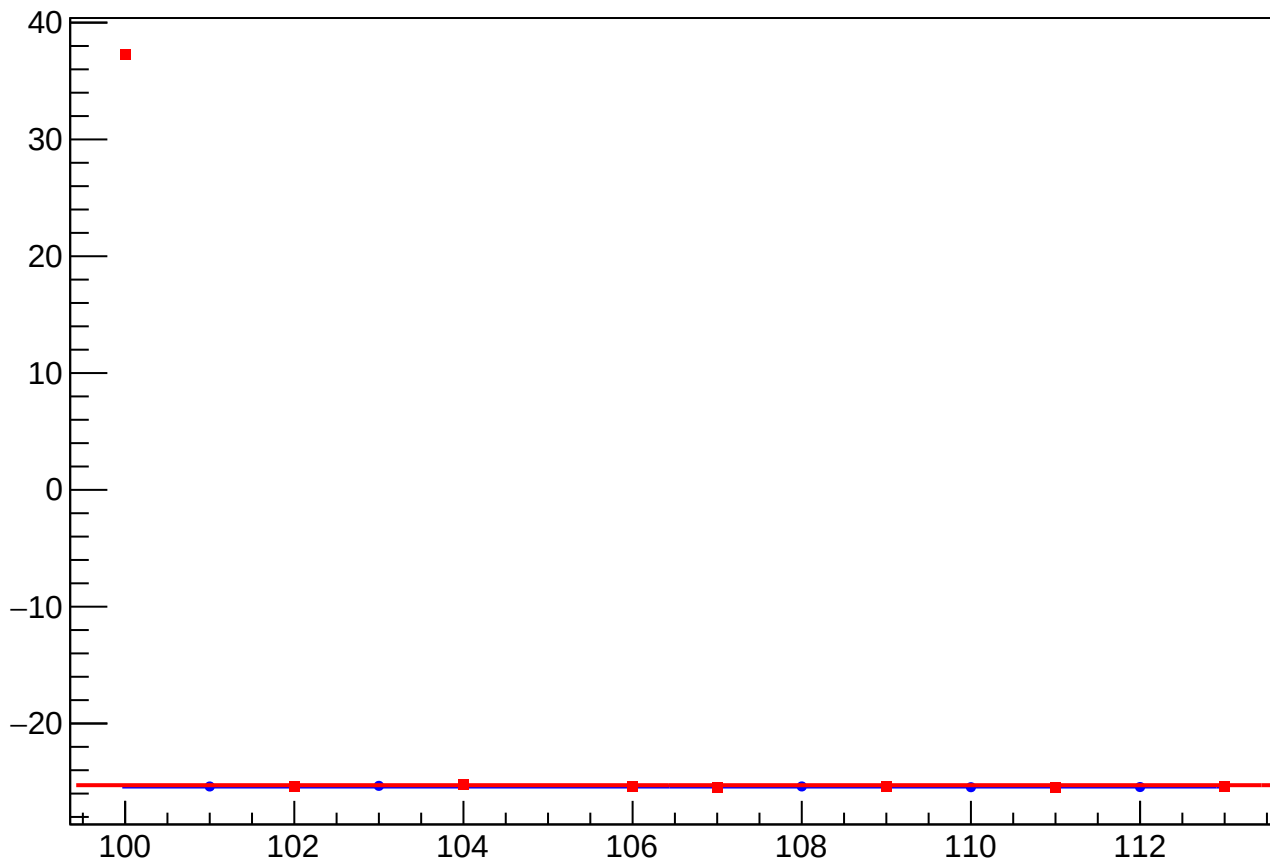
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.425+/-0.000 χ^2/NDF : 8845569177.8/12

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: -25.281+/-0.000 χ^2/NDF : 6302085478.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

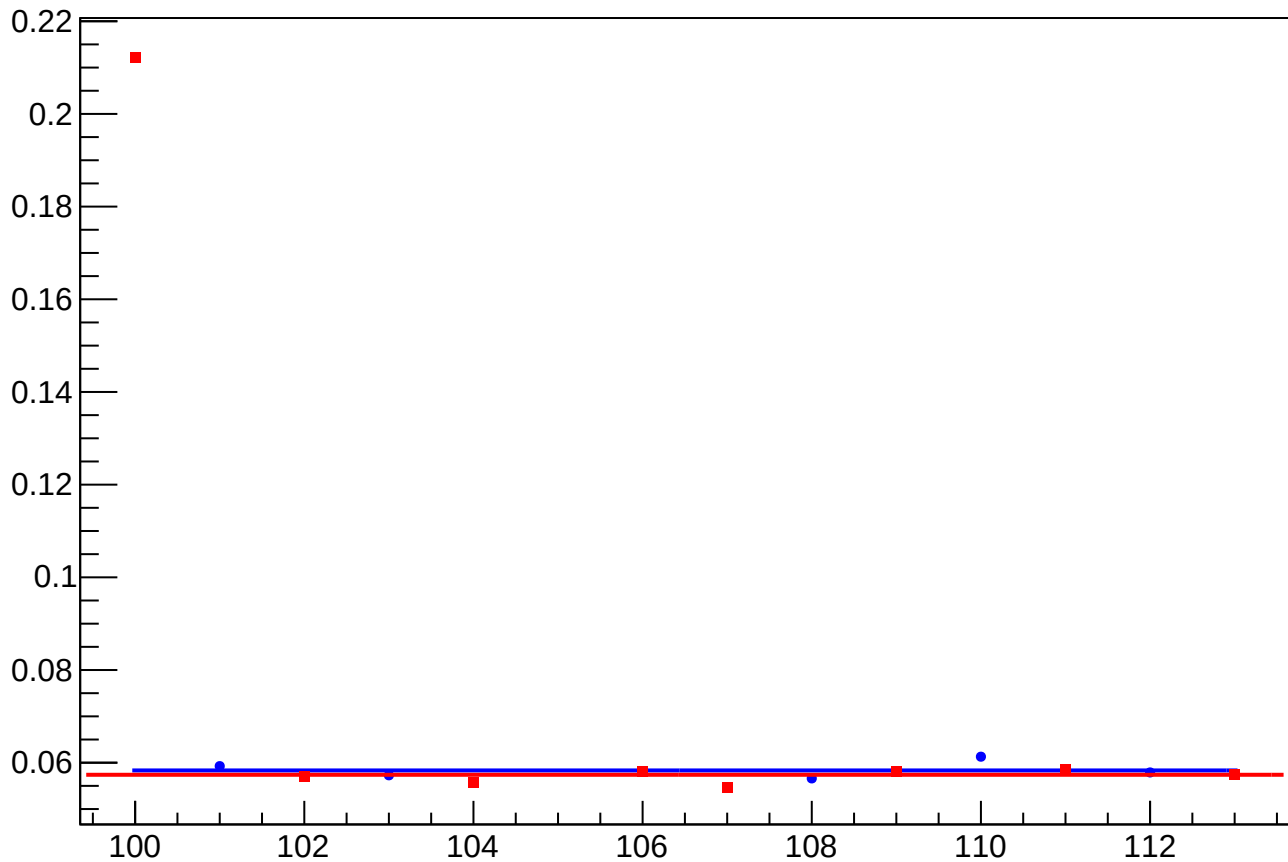
Right: -25.331+/-0.000 χ^2/NDF : 6308674793.4/12

In: -25.396+/-0.000 χ^2/NDF : 1179017.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.331+/-0.000 χ^2/NDF : 6308674793.4/12

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 : 79666.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

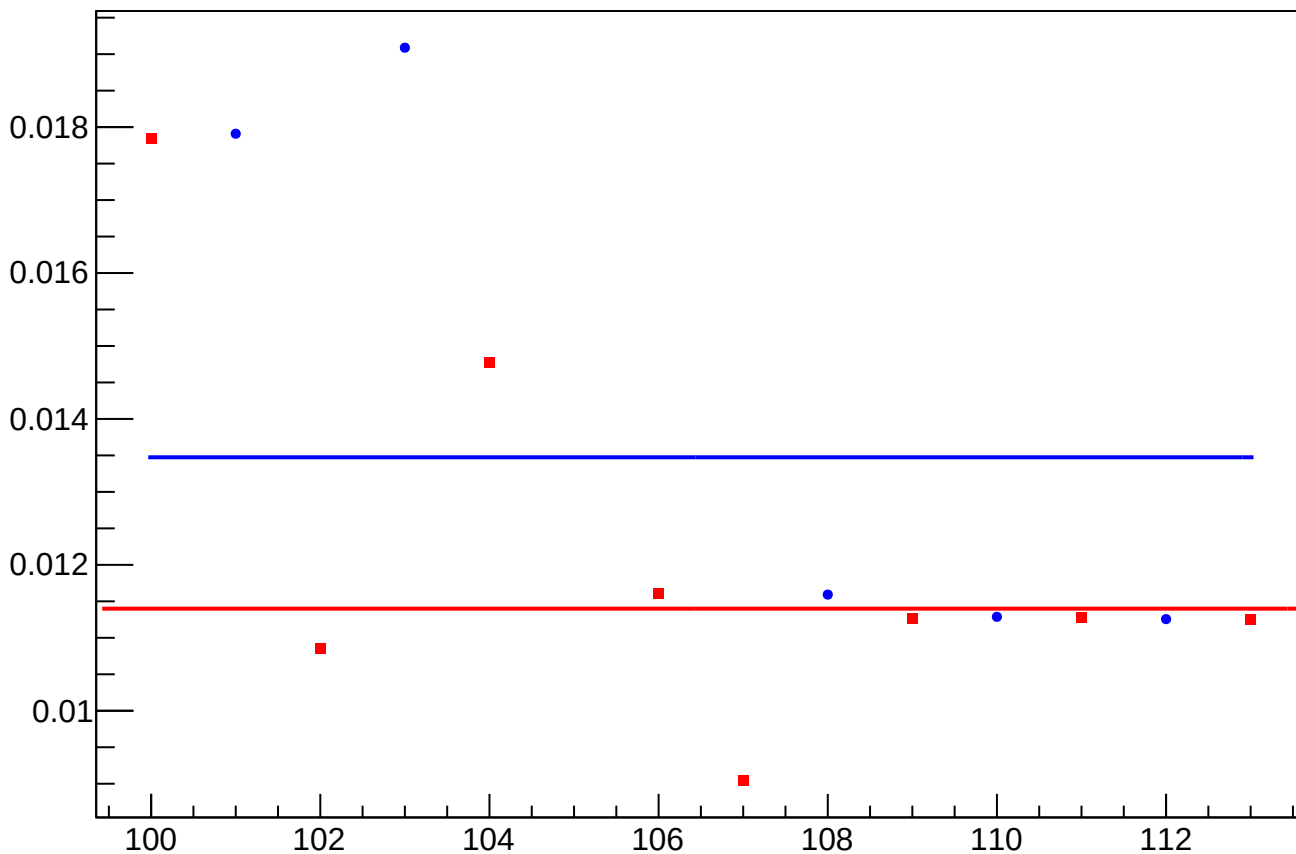
Right: 0.058+/-0.000 χ^2/NDF : 83538.5/12

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 : 83538.5/12

yield_atl1_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.000

χ^2/NDF : 6290338346.3/4

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000

χ^2/NDF : 1148323544.7/7

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.012+/-0.000

χ^2/NDF : 9005989704.5/12

In: 0.013+/-0.000

χ^2/NDF : 6290338346.3/4

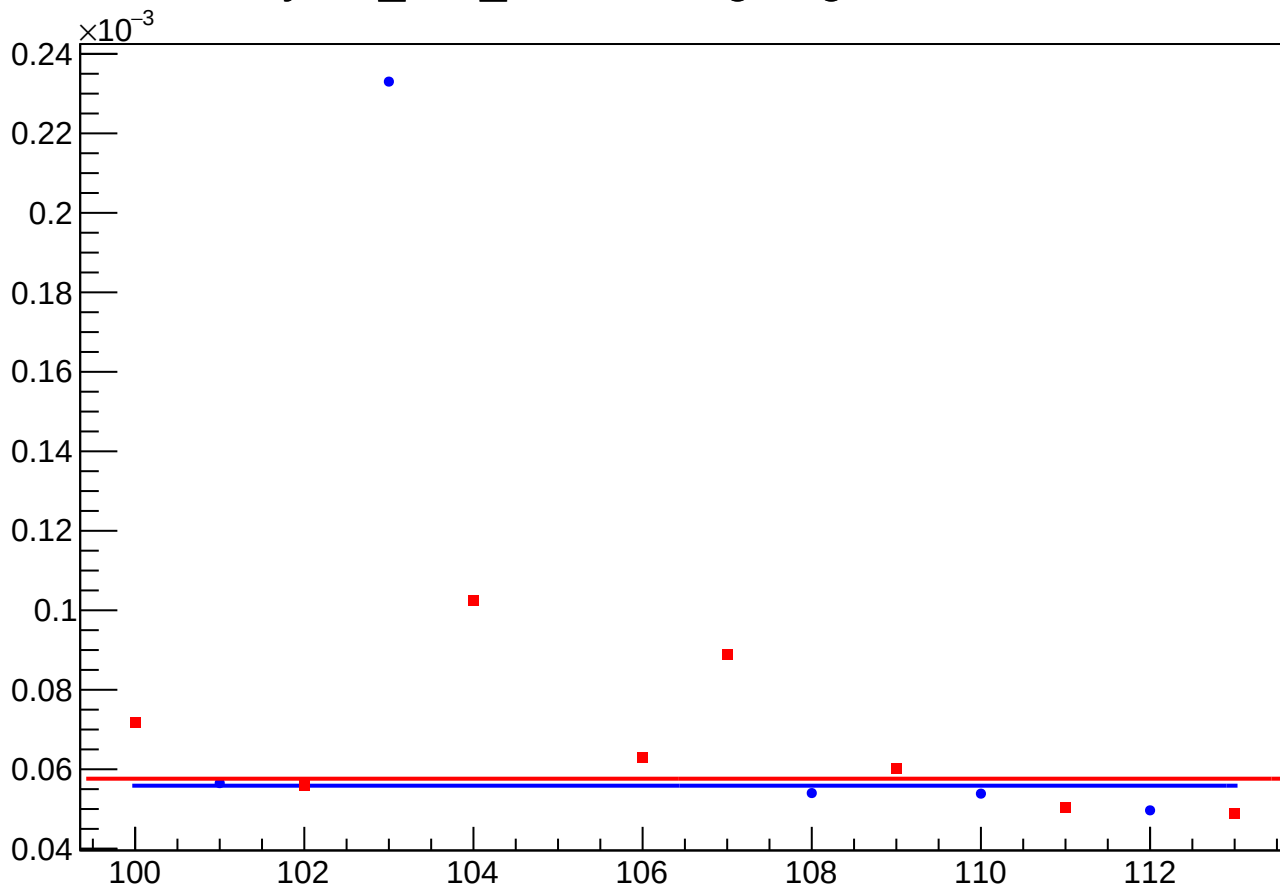
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.012+/-0.000

χ^2/NDF : 9005989704.5/12

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 : 240883.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

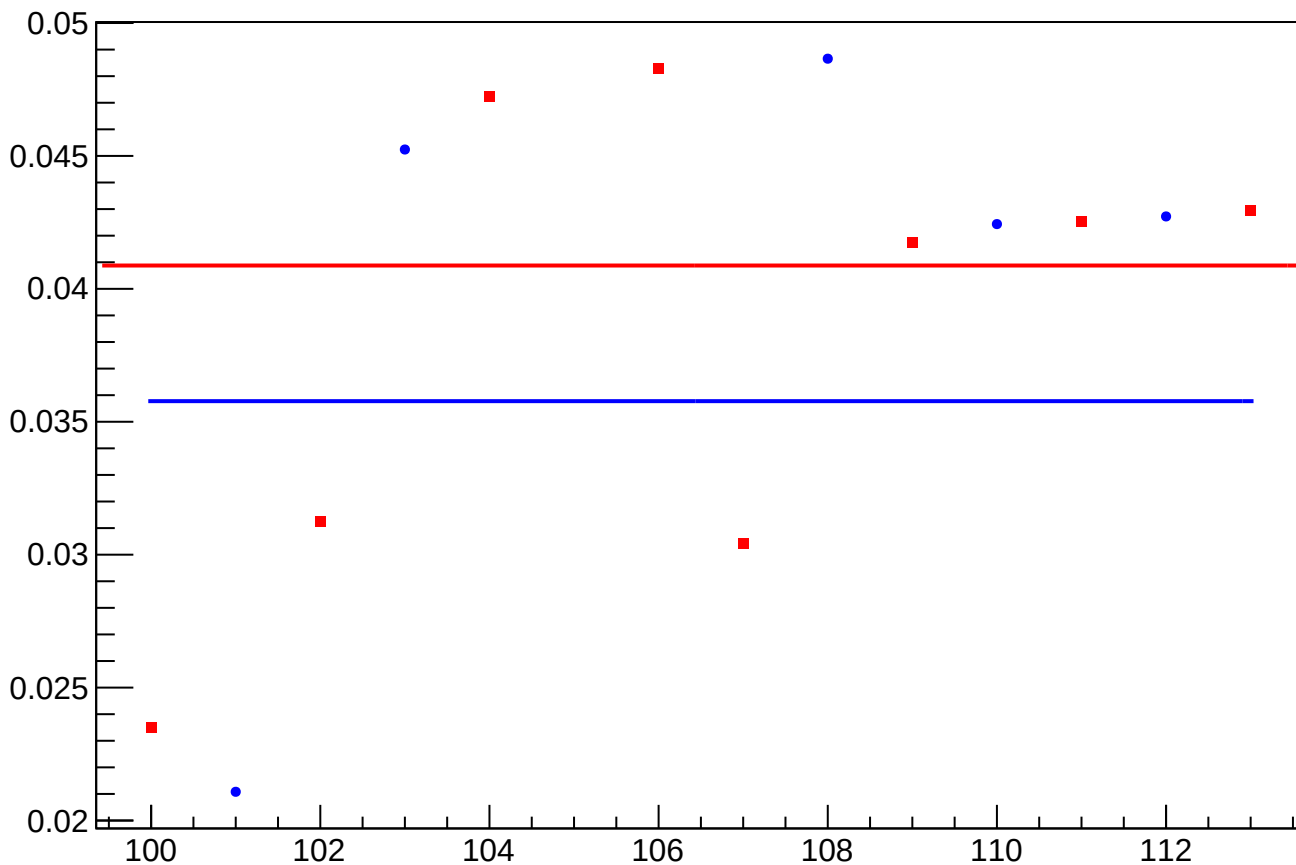
Right: 0.000+/-0.000 χ^2/NDF : 821607.6/12

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 : 821607.6/12

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: 0.041+/-0.000

χ^2/NDF : 601173753.2/7

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.039+/-0.000

χ^2/NDF : 2555506372.0/12

In: 0.036+/-0.000

χ^2/NDF : 1764442234.6/4

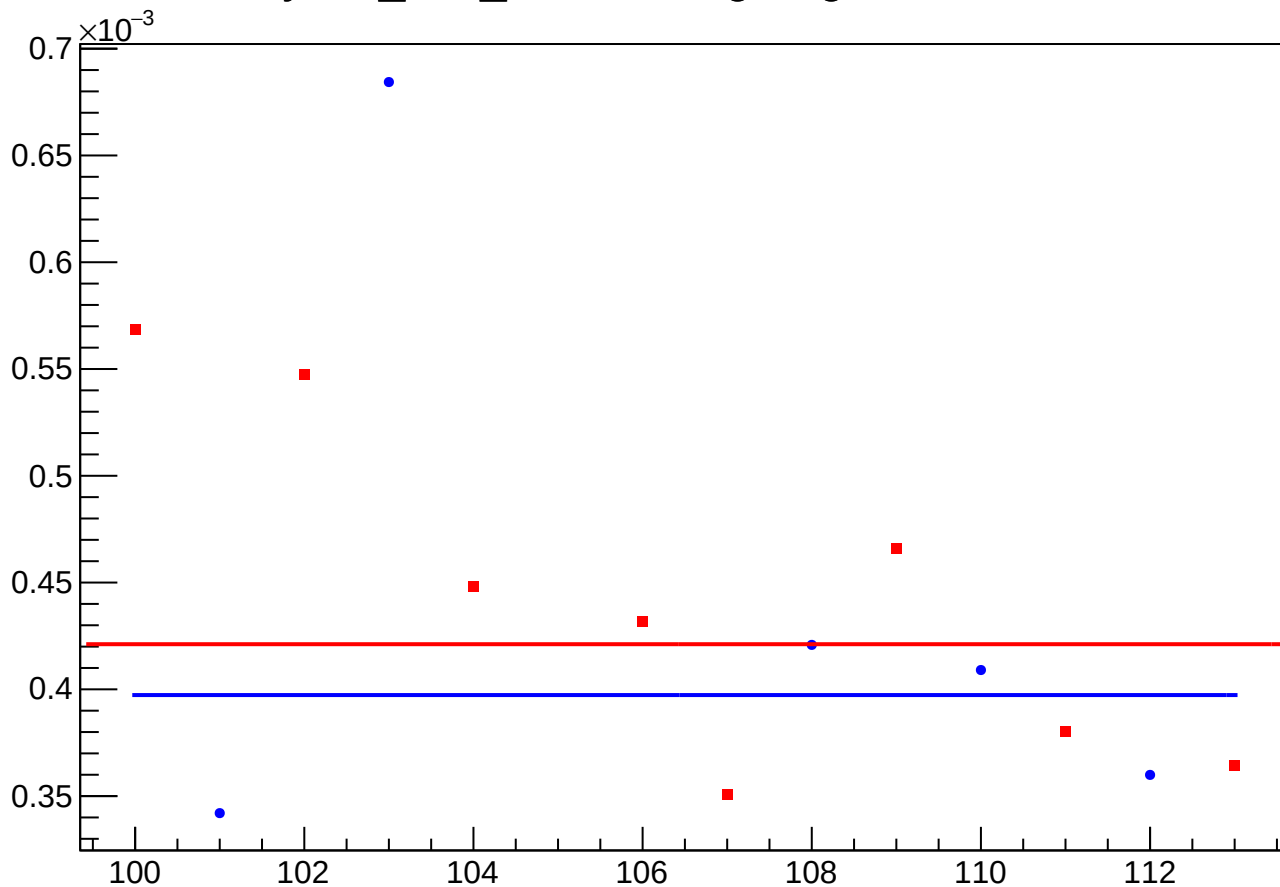
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.039+/-0.000

χ^2/NDF : 2555506372.0/12

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 : 125681.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

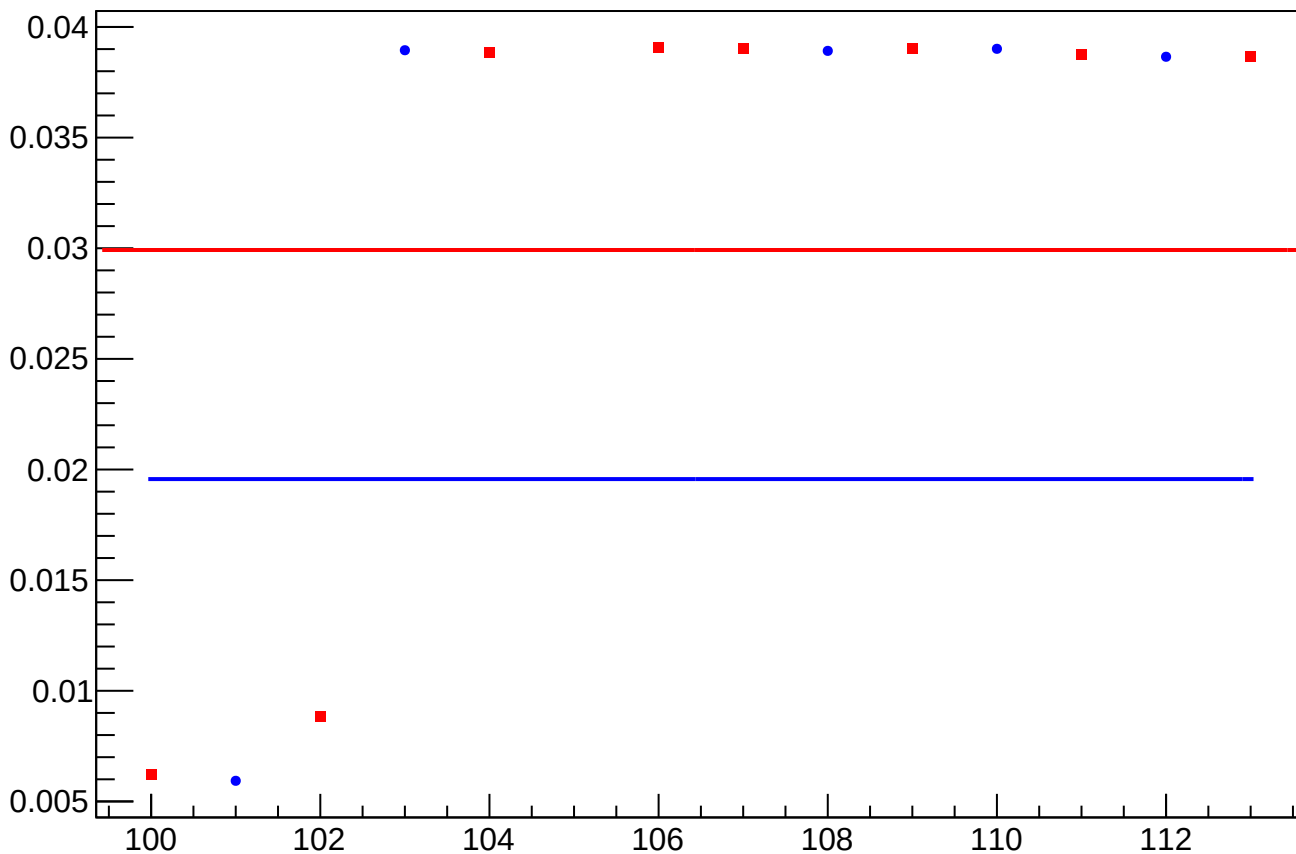
Right: 0.000+/-0.000 χ^2/NDF : 374014.9/12

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 : 374014.9/12

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.000

χ^2/NDF : 61392835725.4/4

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.024+/-0.000 χ^2/NDF : 111512033560.1/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.020+/-0.000 χ^2/NDF : 61392835725.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

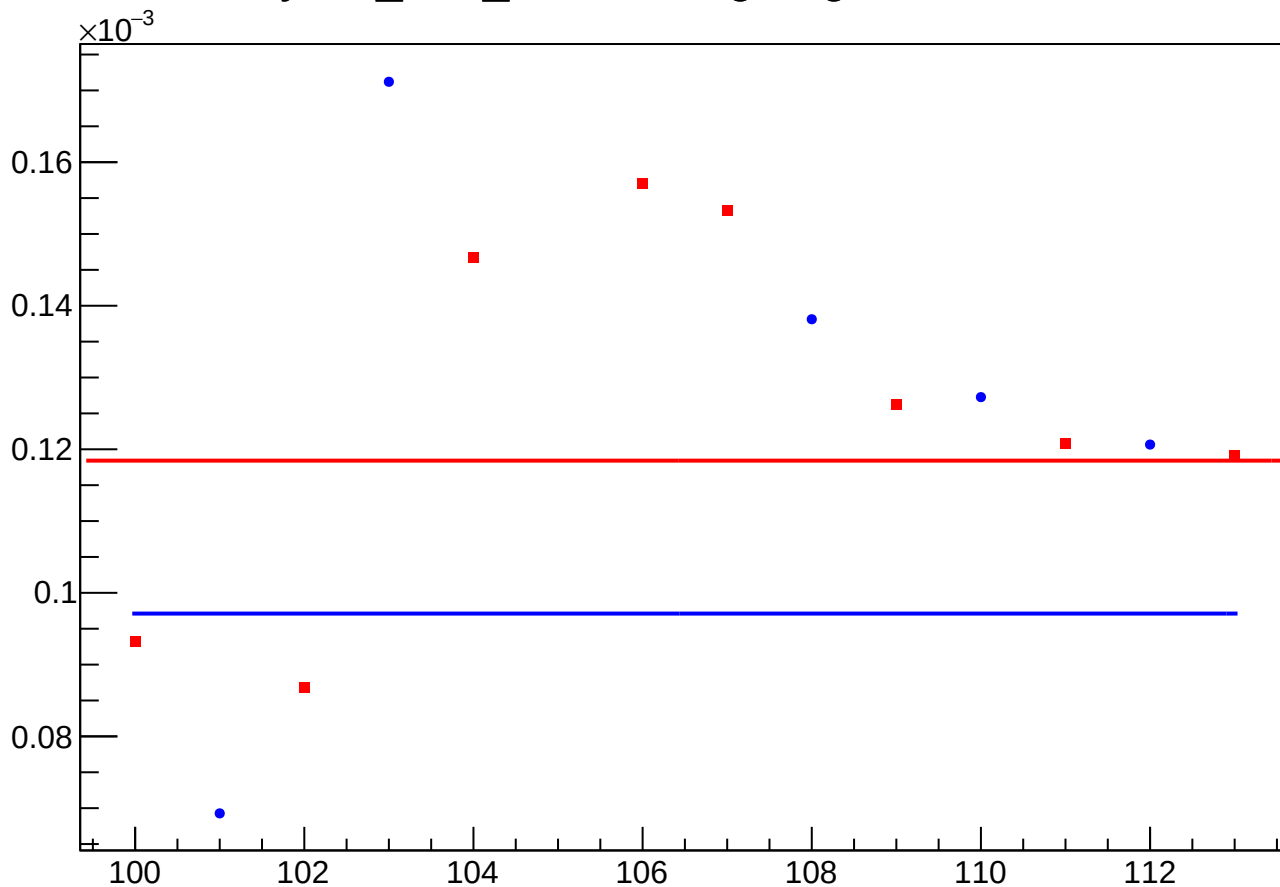
Right Out: 0.030+/-0.000 χ^2/NDF : 38540666685.7/7

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 111512033560.1

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 : 213114.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

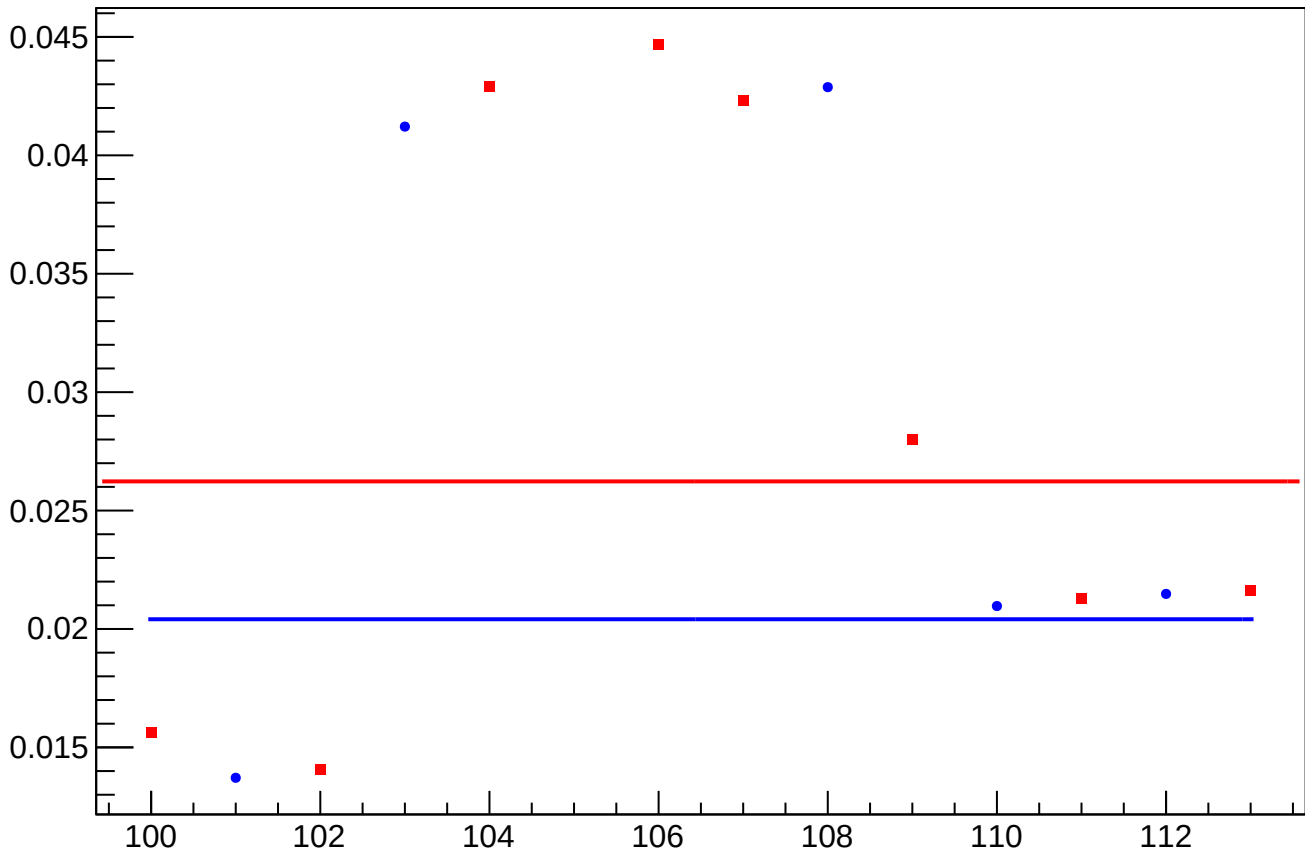
Right: 0.000+/-0.000 χ^2/NDF : 893472.0/12

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 : 893472.0/12

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: 0.026+/-0.000

χ^2/NDF : 3223257273.4/7

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.023+/-0.000

χ^2/NDF : 6742715358.7/12

In: 0.020+/-0.000

χ^2/NDF : 3020132036.8/4

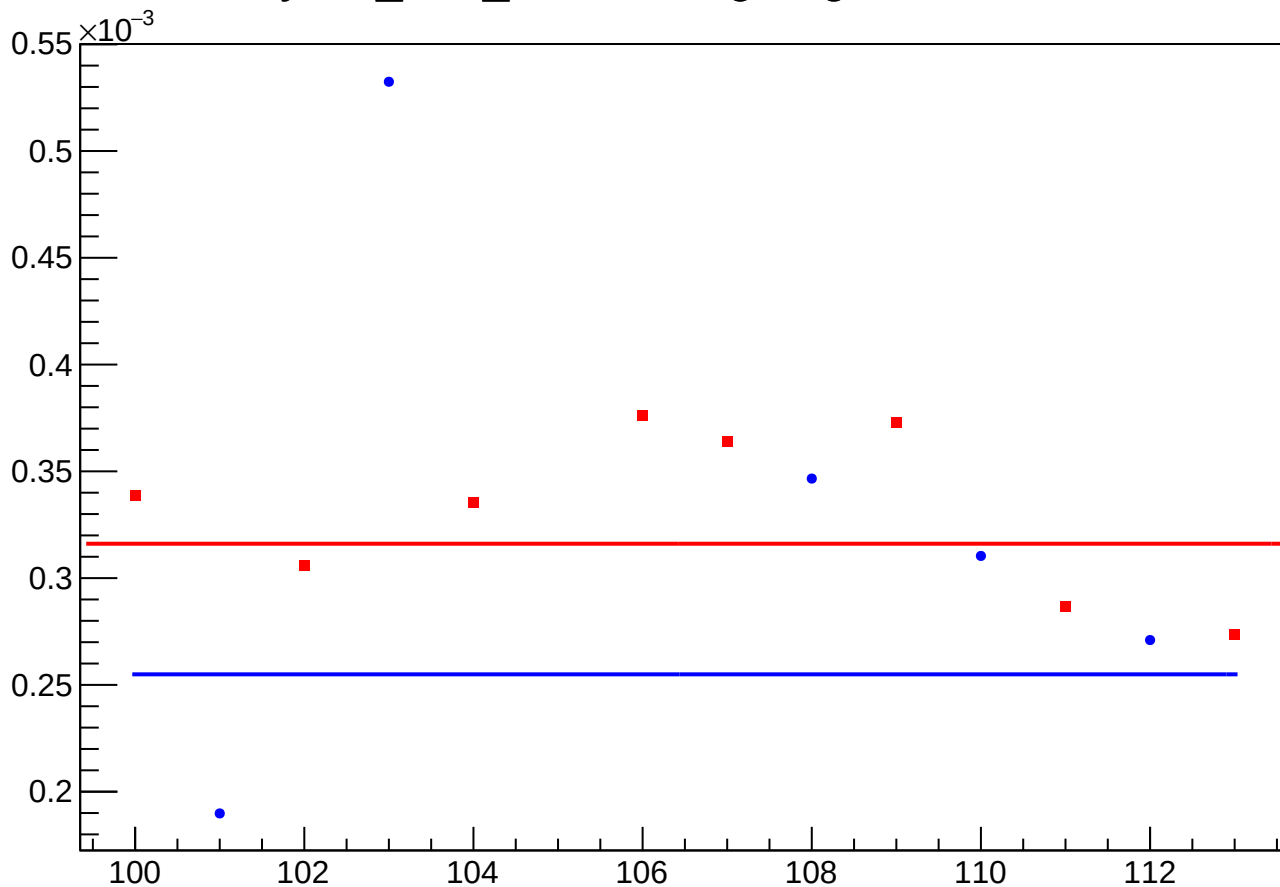
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.023+/-0.000

χ^2/NDF : 6742715358.7/12

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 : 77268.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

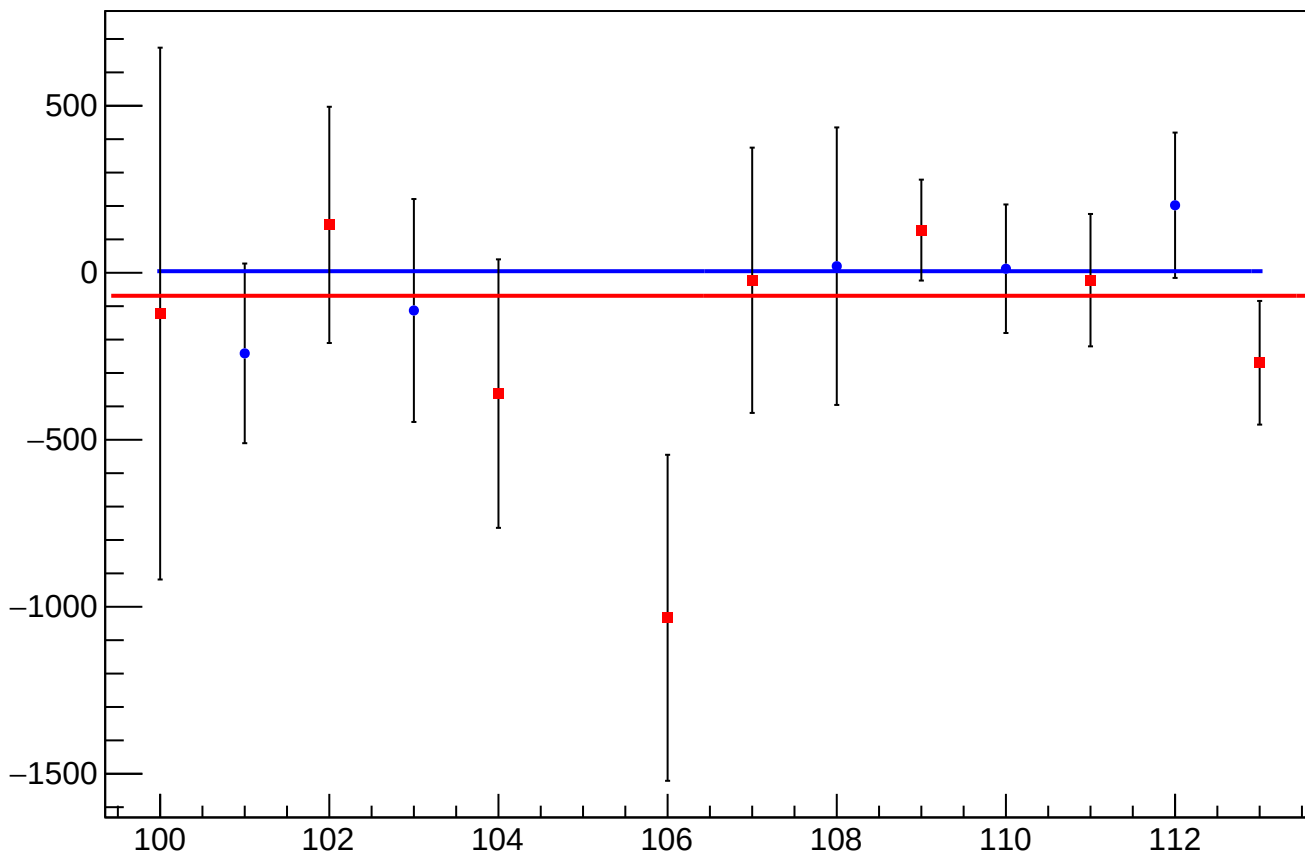
Right: 0.000+/-0.000 χ^2/NDF : 702815.7/12

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 : 702815.7/12

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: -68.848+/-89.530 χ^2/NDF : 7.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

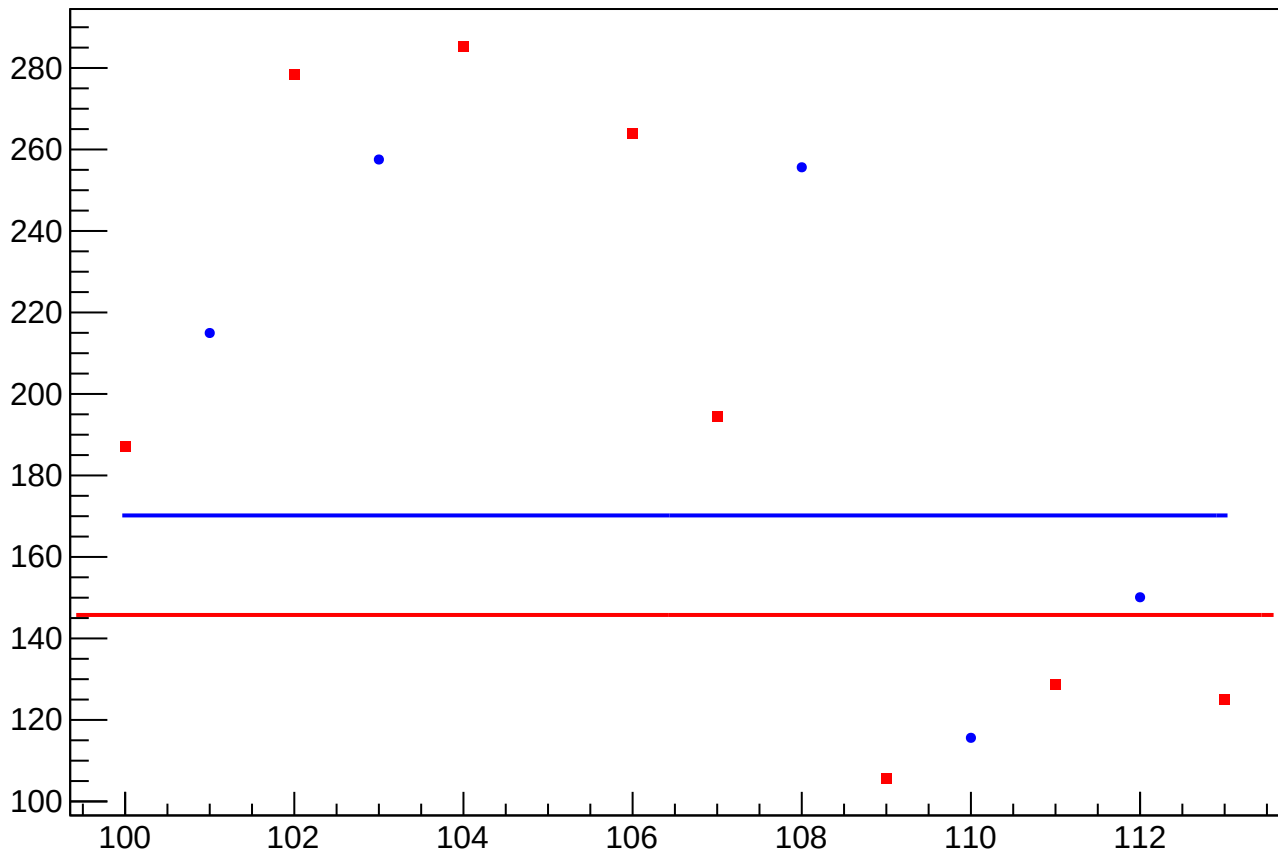
Right: -40.816+/-70.449 χ^2/NDF : 9.8/12

In: 4.762+/-114.160 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.816+/-70.449 χ^2/NDF : 9.8/12

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: 145.761+/-0.063 χ^2/NDF : 855824.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

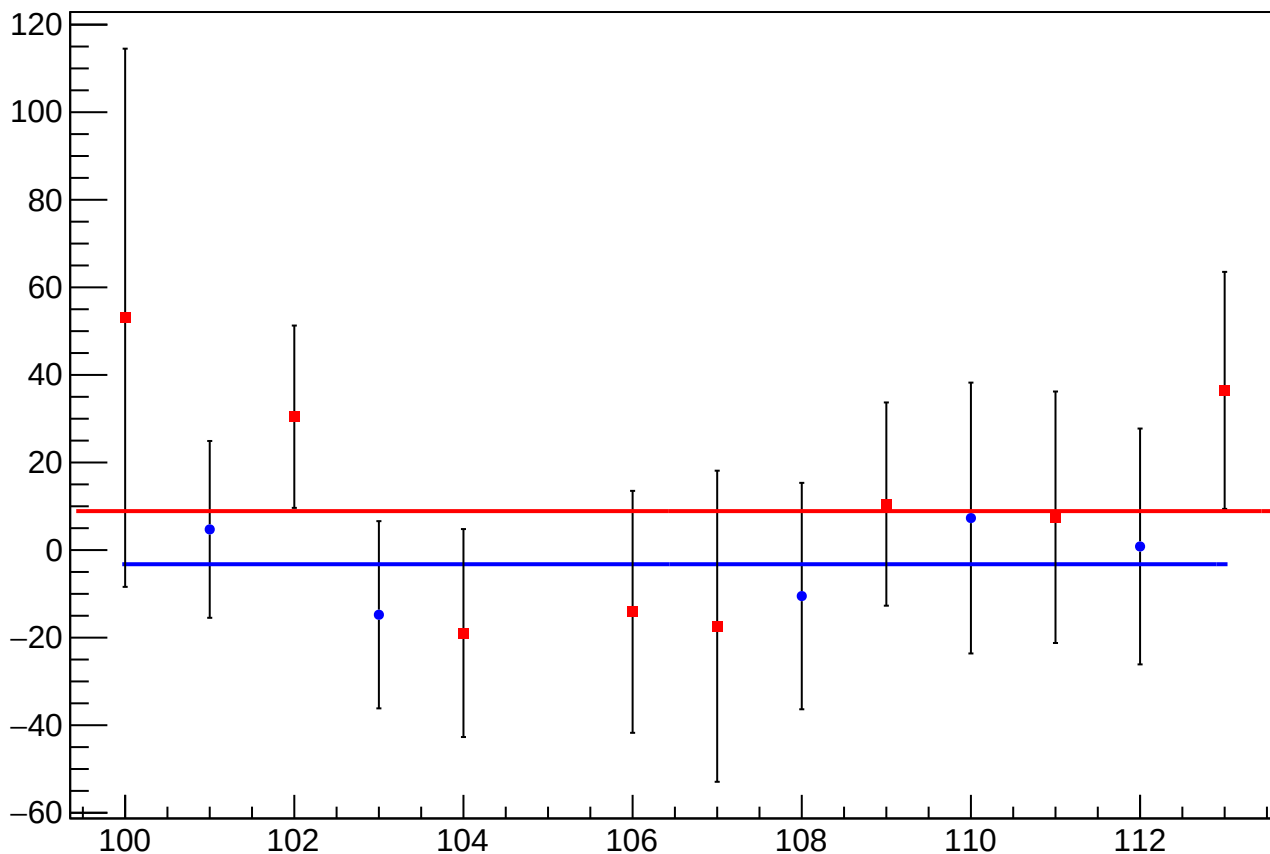
Right: 155.063+/-0.050 χ^2/NDF : 1367479.6/12

In: 170.186+/-0.081 χ^2/NDF : 454971.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.063+/-0.050 χ^2/NDF : 1367479.6/12

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: 8.898+/-9.587 χ^2/NDF : 5.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

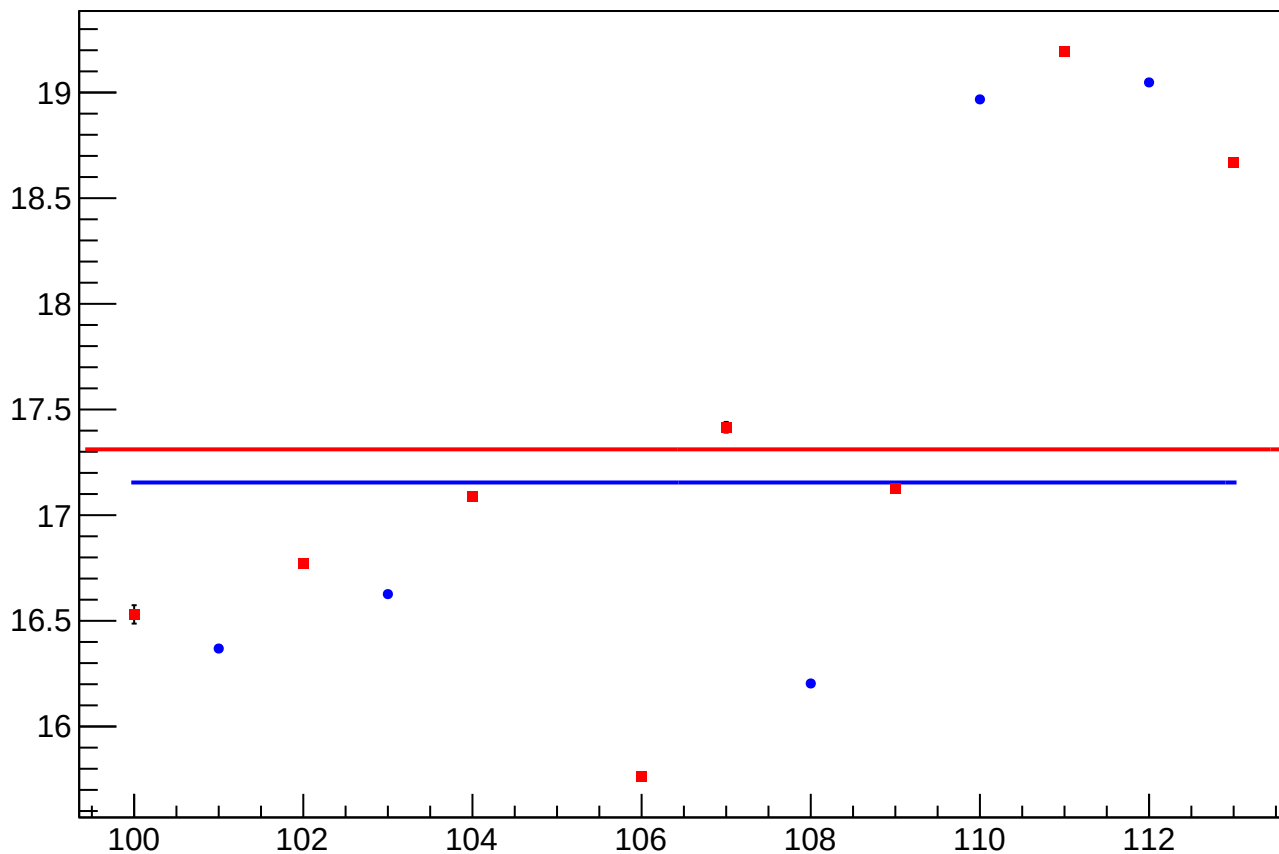
Right: 3.557+/-7.172 χ^2/NDF : 6.6/12

In: -3.232+/-10.808 χ^2/NDF : 0.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.557+/-7.172 χ^2/NDF : 6.6/12

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: 17.311+/-0.007 χ^2/NDF : 21863.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

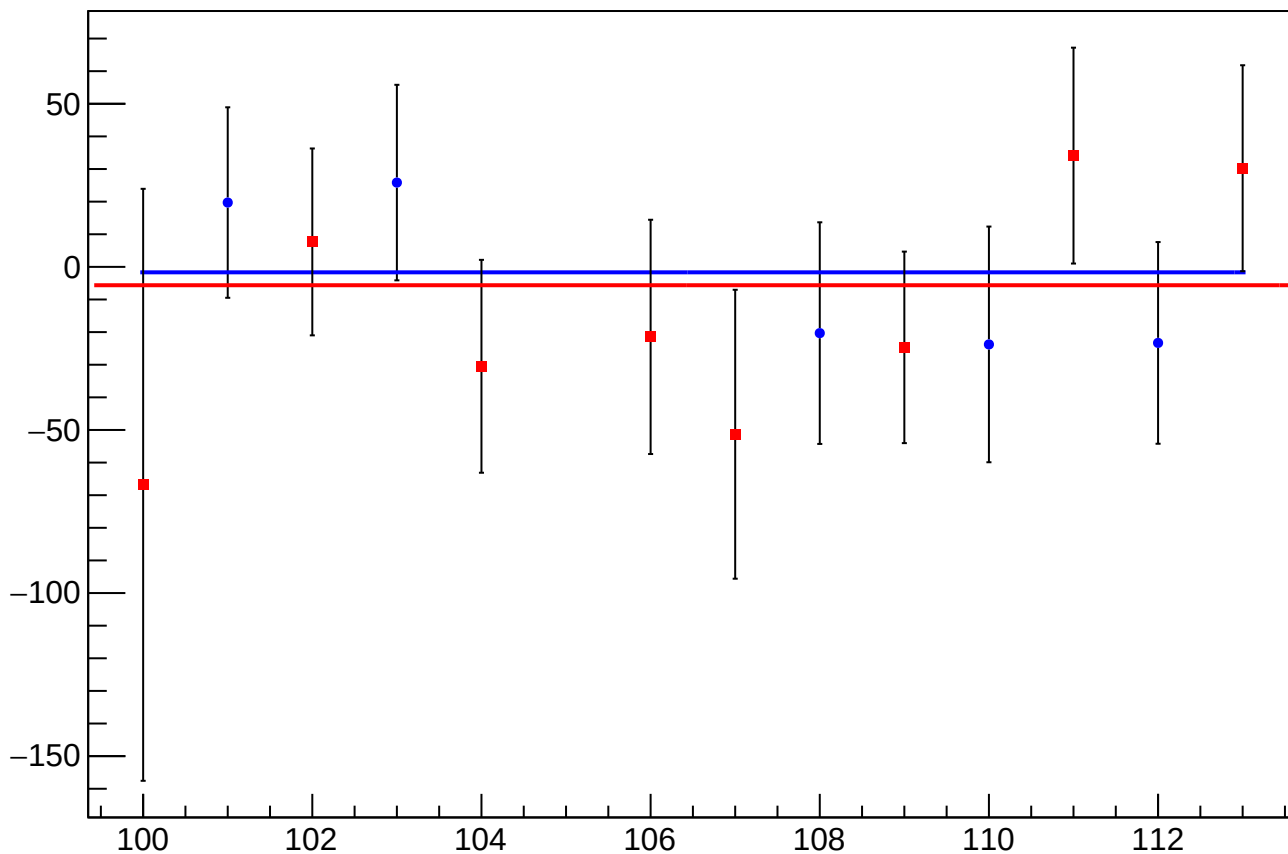
Right: 17.242+/-0.005 χ^2/NDF : 45809.8/12

In: 17.155+/-0.008 χ^2/NDF : 23711.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.242+/-0.005 χ^2/NDF : 45809.8/12

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: -5.628+/-12.272 χ^2/NDF : 5.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

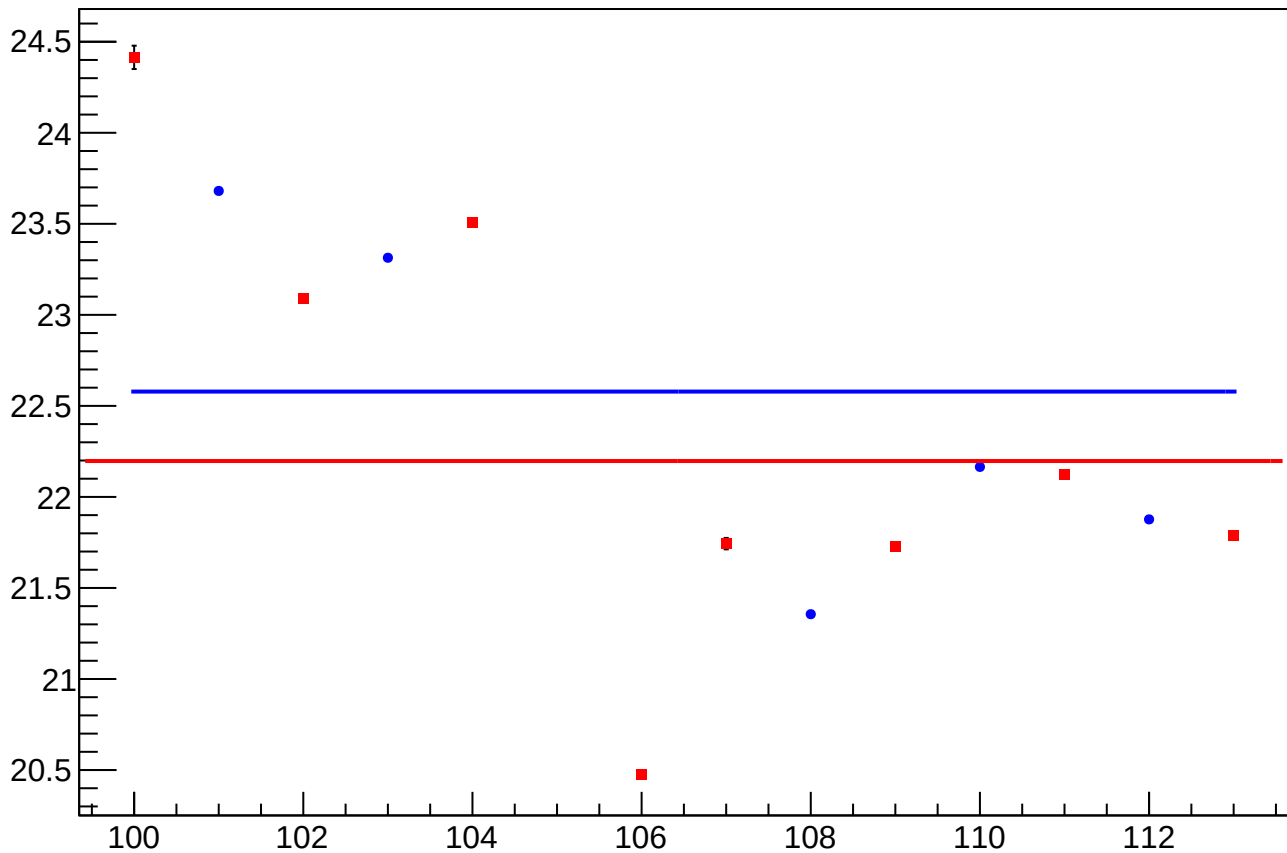
Right: -3.936+/-9.283 χ^2/NDF : 8.3/12

In: -1.672+/-14.193 χ^2/NDF : 2.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.936+/-9.283 χ^2/NDF : 8.3/12

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.579+/-0.010 χ^2/NDF : 7935.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.197+/-0.009 χ^2/NDF : 12032.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

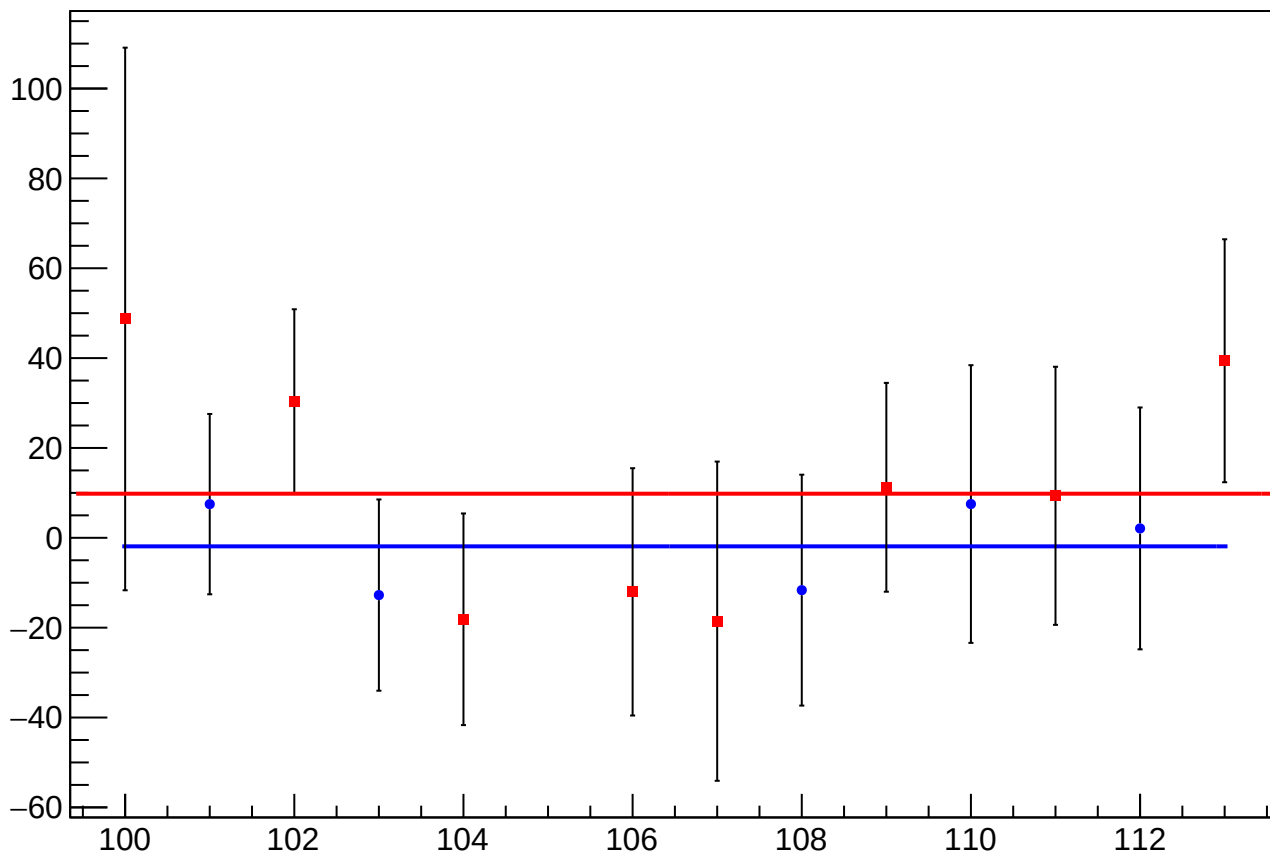
Right: 22.360+/-0.007 χ^2/NDF : 20794.5/12

In: 22.579+/-0.010 χ^2/NDF : 7935.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.360+/-0.007 χ^2/NDF : 20794.5/12

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: 9.818+/-9.540 χ^2/NDF : 5.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

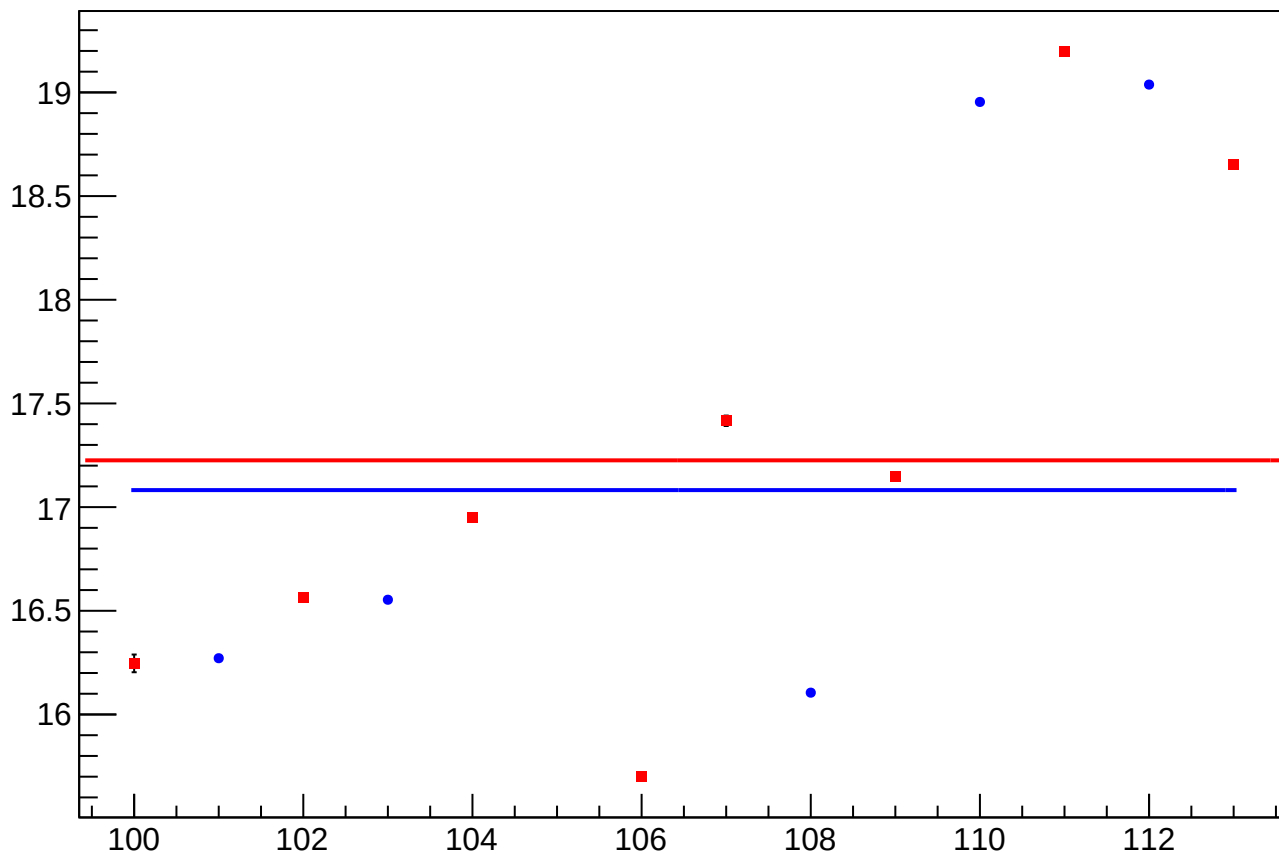
Right: 4.662+/-7.139 χ^2/NDF : 6.7/12

In: -1.901+/-10.764 χ^2/NDF : 0.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.662+/-7.139 χ^2/NDF : 6.7/12

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: 17.226+/-0.007 χ^2/NDF : 24056.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

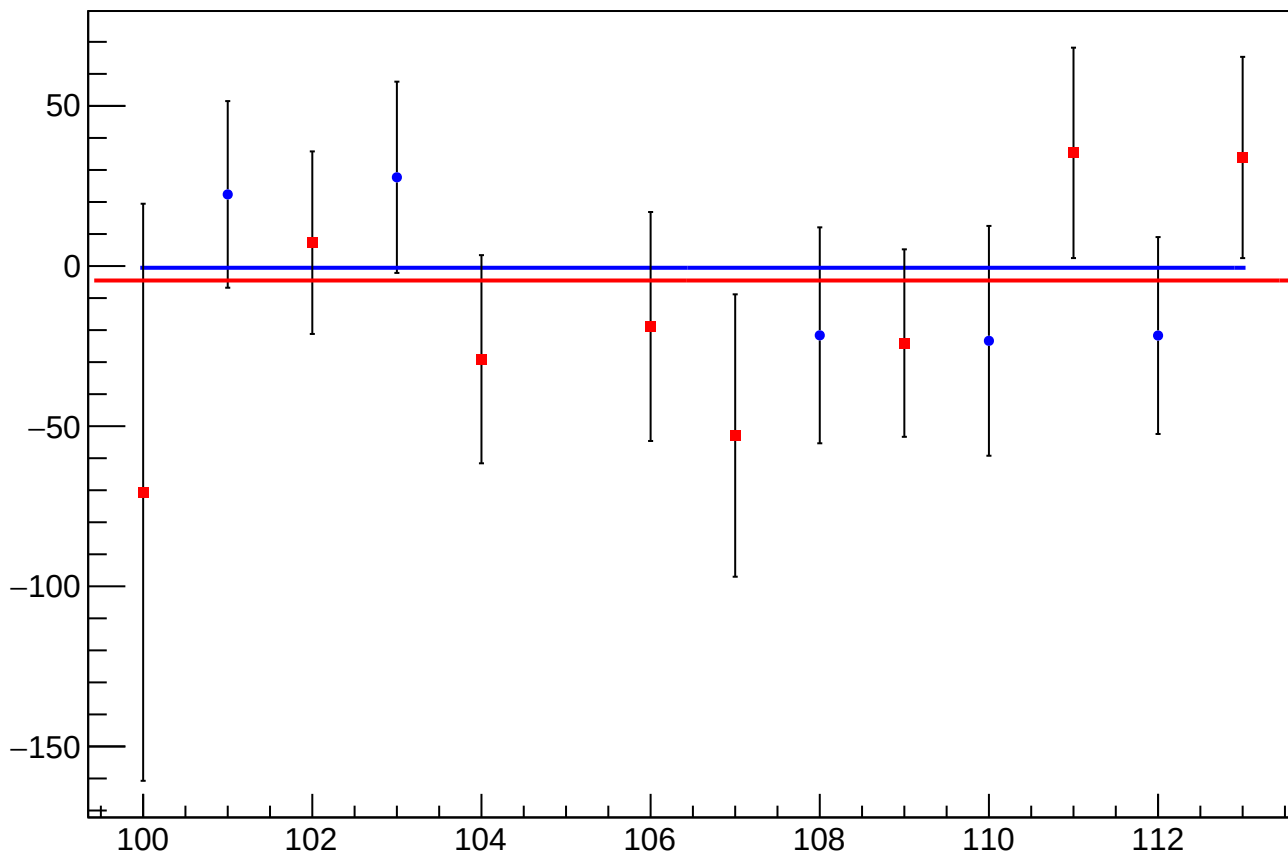
Right: 17.162+/-0.005 χ^2/NDF : 49538.8/12

In: 17.082+/-0.008 χ^2/NDF : 25283.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.162+/-0.005 χ^2/NDF : 49538.8/12

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -0.538 $\pm$ 14.122 χ^2 /NDF: 2.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -4.511 $\pm$ 12.212 χ^2 /NDF: 6.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

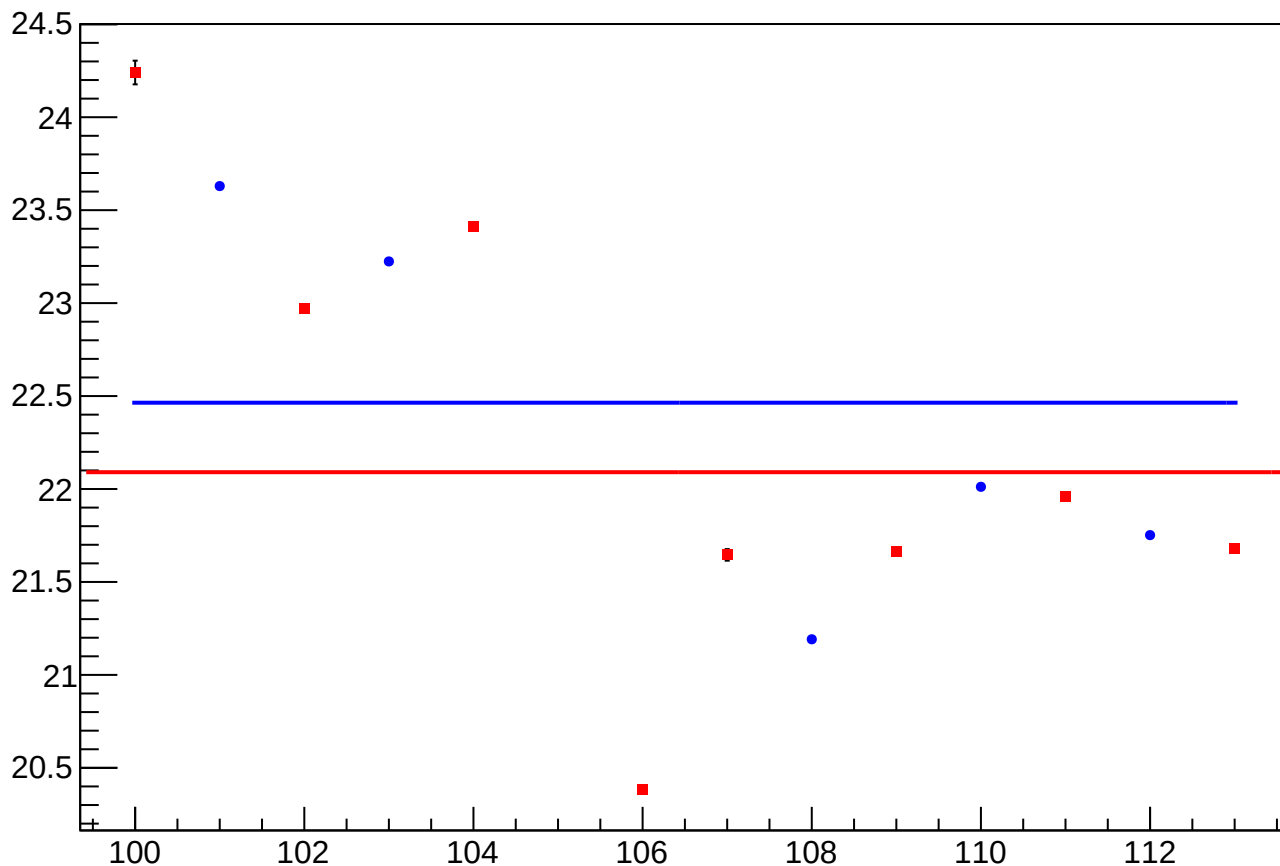
Right: -2.811 $\pm$ 9.237 χ^2 /NDF: 8.9/12

In: -0.538 $\pm$ 14.122 χ^2 /NDF:2.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.811 $\pm$ 9.237 χ^2 /NDF: 8.9/12

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.464 ± 0.010 $\chi^2/\text{NDF}: 8736.1/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 22.090 ± 0.009 $\chi^2/\text{NDF}: 11922.9/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

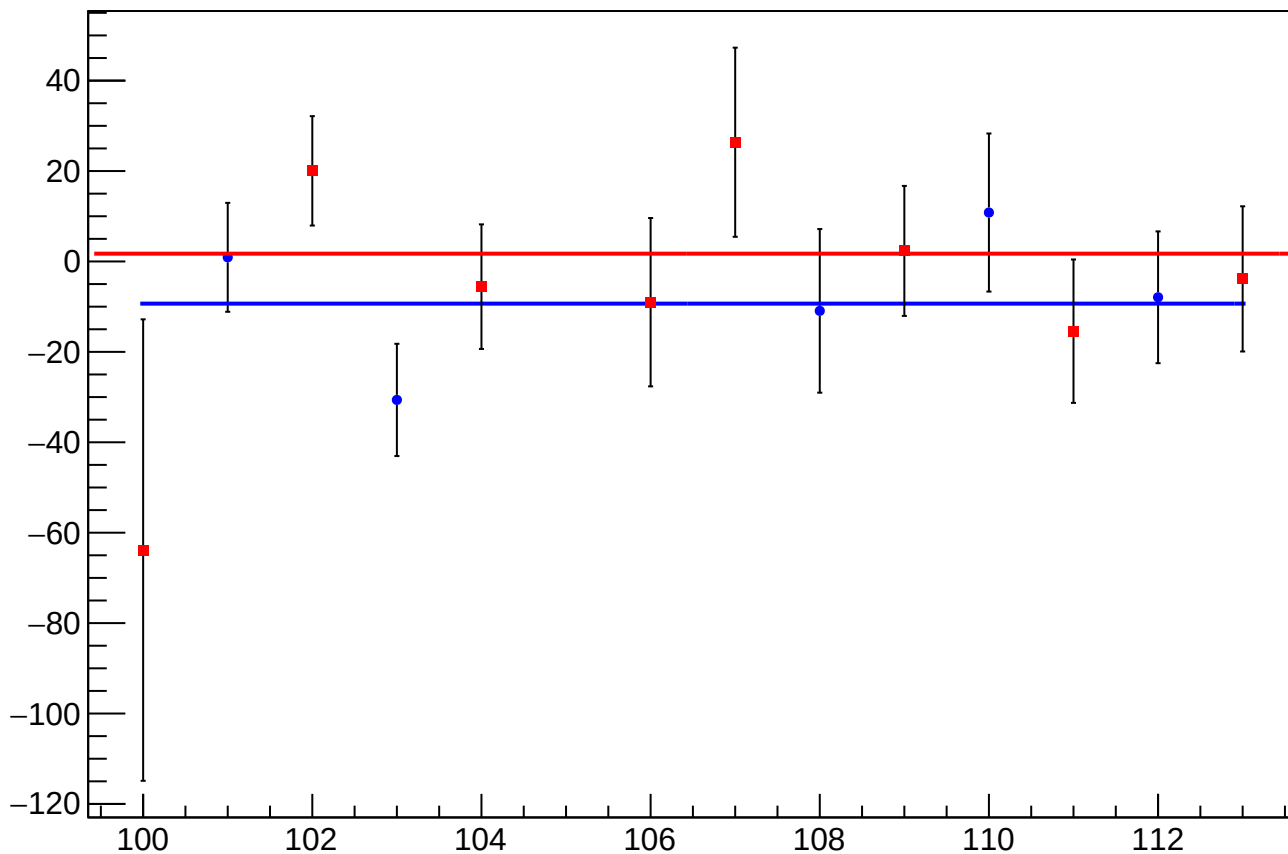
Right: 22.250 ± 0.007 $\chi^2/\text{NDF}: 21460.7/12$

In: 22.464 ± 0.010 $\chi^2/\text{NDF}: 8736.1/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 22.250 ± 0.007 $\chi^2/\text{NDF}: 21460.7/12$

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: 1.724+/-5.741 χ^2/NDF : 7.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

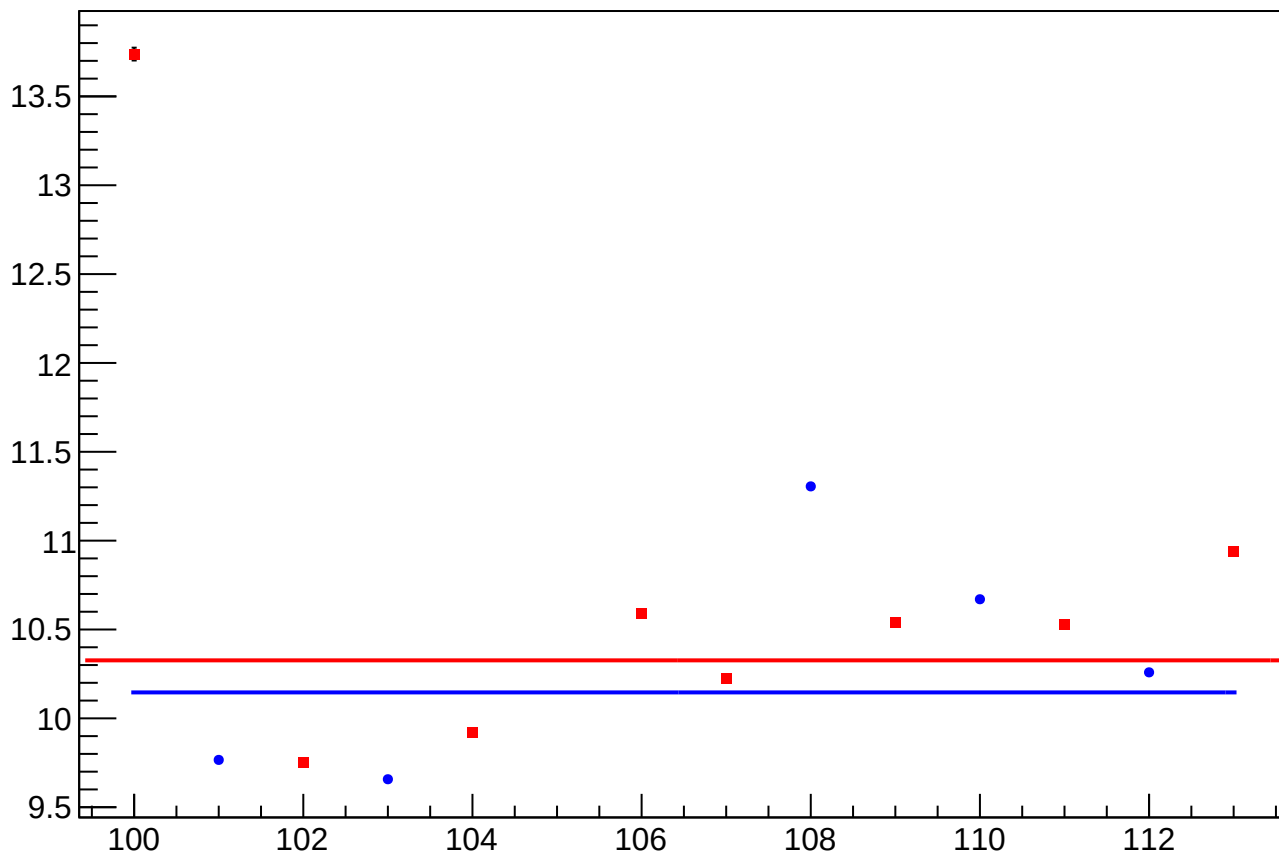
Right: -3.203+/-4.274 χ^2/NDF : 13.9/12

In: -9.328+/-6.401 χ^2/NDF : 5.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.203+/-4.274 χ^2/NDF : 13.9/12

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: 10.326+/-0.004 χ^2/NDF : 19294.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

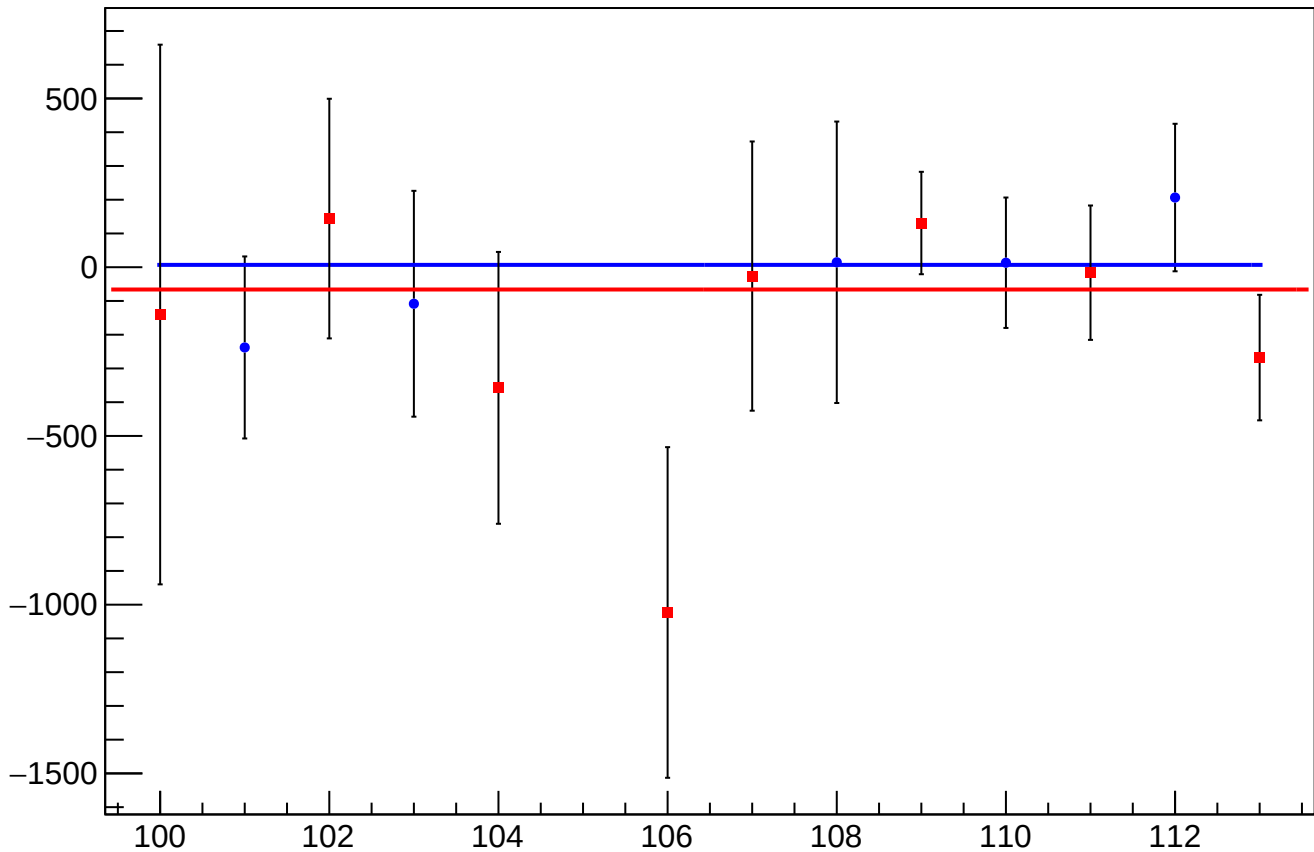
Right: 10.246+/-0.003 χ^2/NDF : 35384.6/12

In: 10.146+/-0.005 χ^2/NDF : 15210.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.246+/-0.003 χ^2/NDF : 35384.6/12

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: -66.056+/-89.914 χ^2/NDF : 7.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

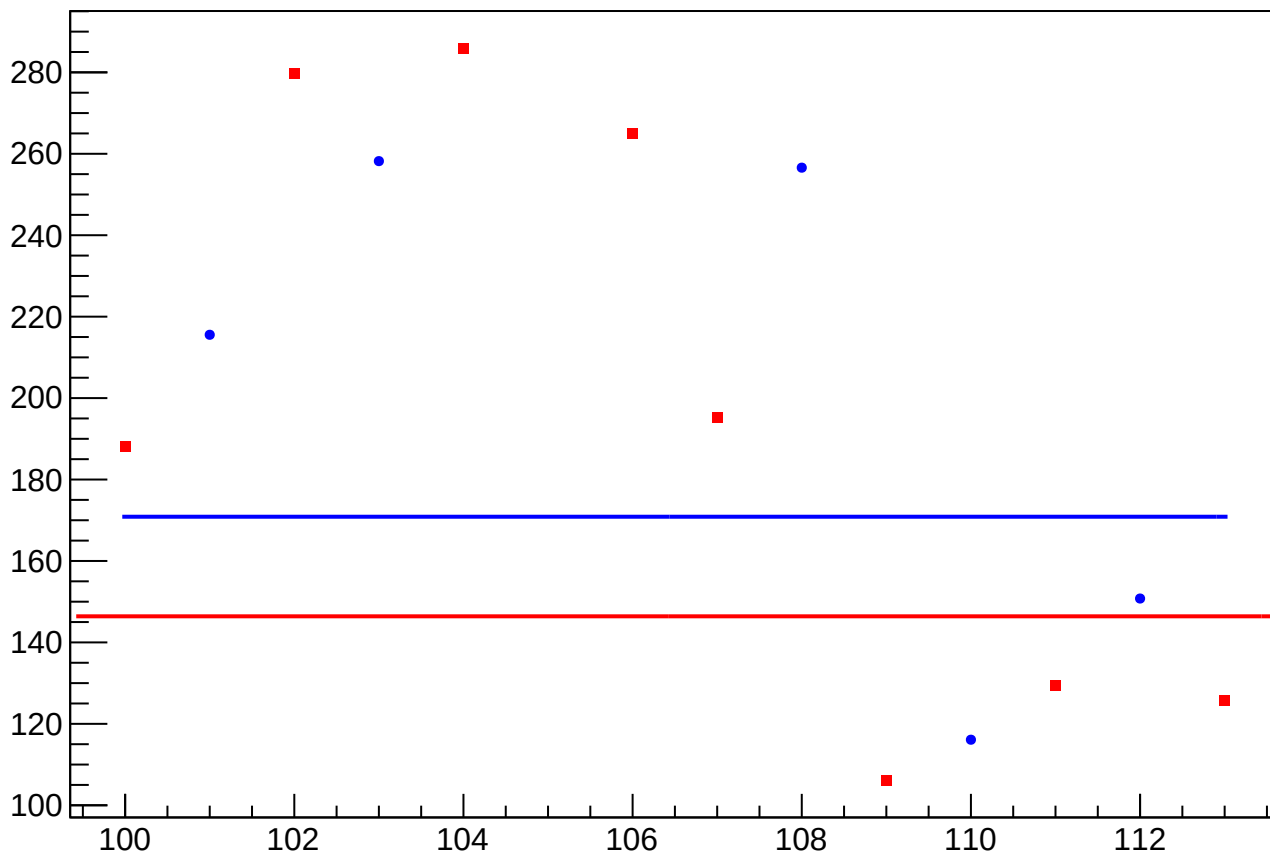
Right: -38.251+/-70.739 χ^2/NDF : 9.7/12

In: 6.914+/-114.597 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.251+/-70.739 χ^2/NDF : 9.7/12

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: 146.407 $\pm$ 0.064 χ^2 /NDF: 854143.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

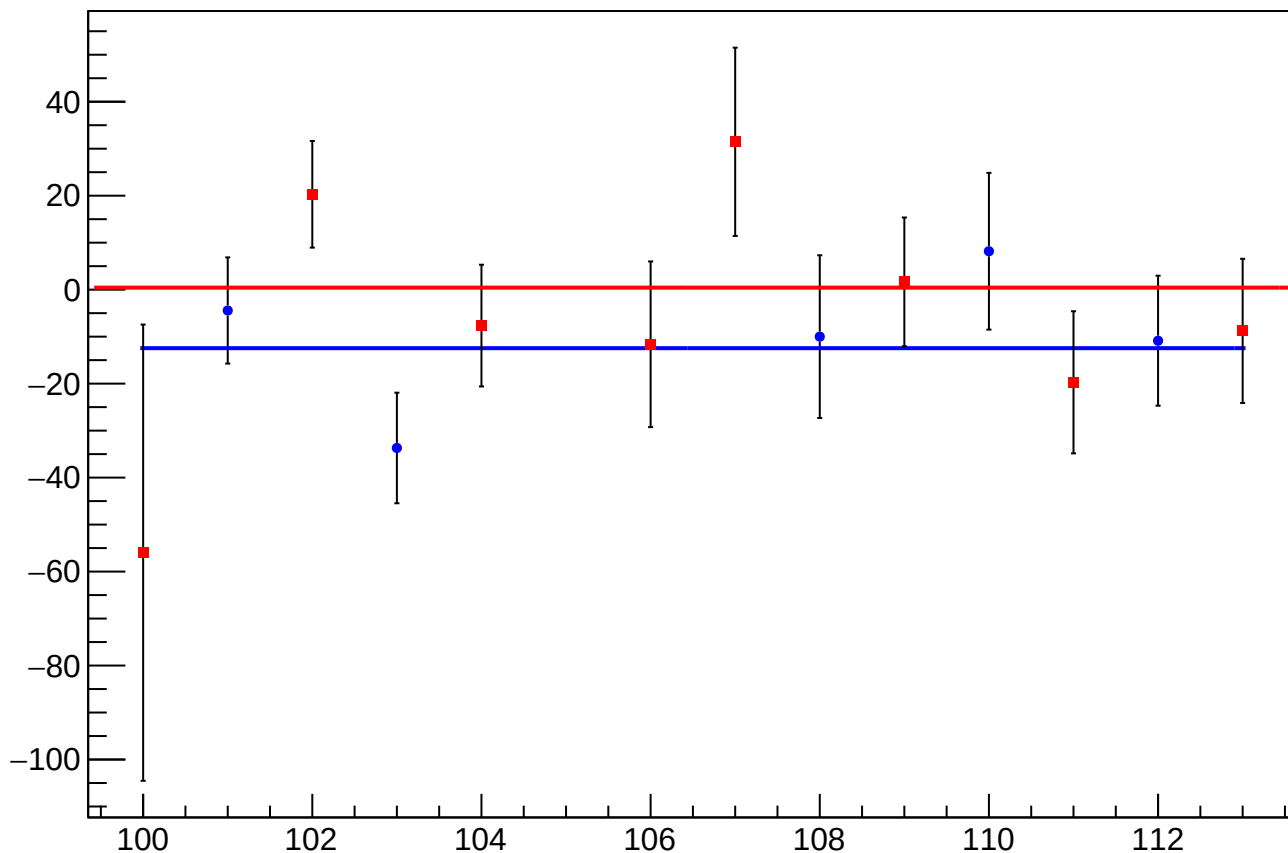
Right: 155.727 $\pm$ 0.050 χ^2 /NDF: 1363726.9/12

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: 155.727 $\pm$ 0.050 χ^2 /NDF: 1363726.9/12

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -12.452 +/- 6.063 χ^2/NDF : 5.3/4

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 0.431 +/- 5.440 χ^2/NDF : 9.8/7

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

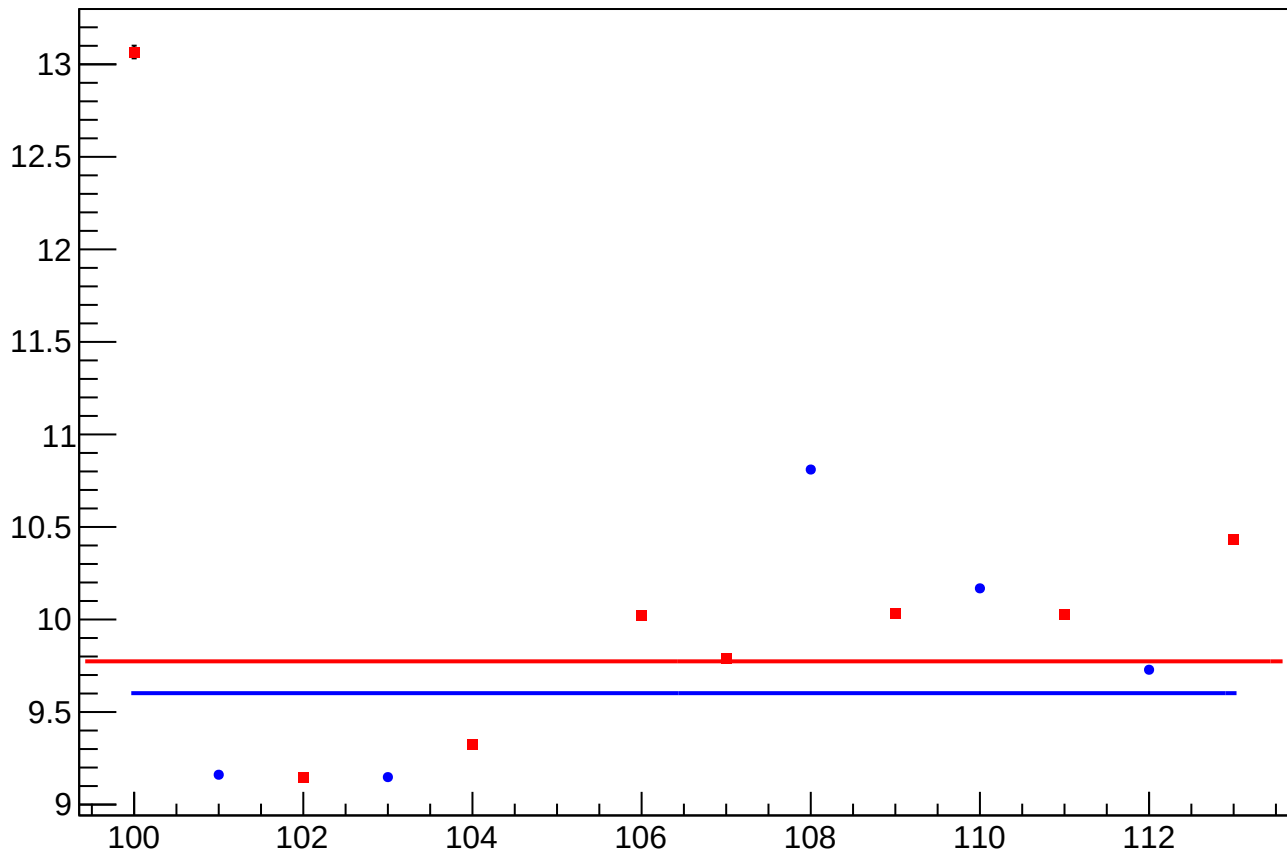
Right: -5.314 +/- 4.049 χ^2/NDF : 17.6/12

In: -12.452 +/- 6.063 χ^2/NDF : 5.3/4

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -5.314 +/- 4.049 χ^2/NDF : 17.6/12

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: 9.774 $\pm$ 0.004 χ^2 /NDF: 23054.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

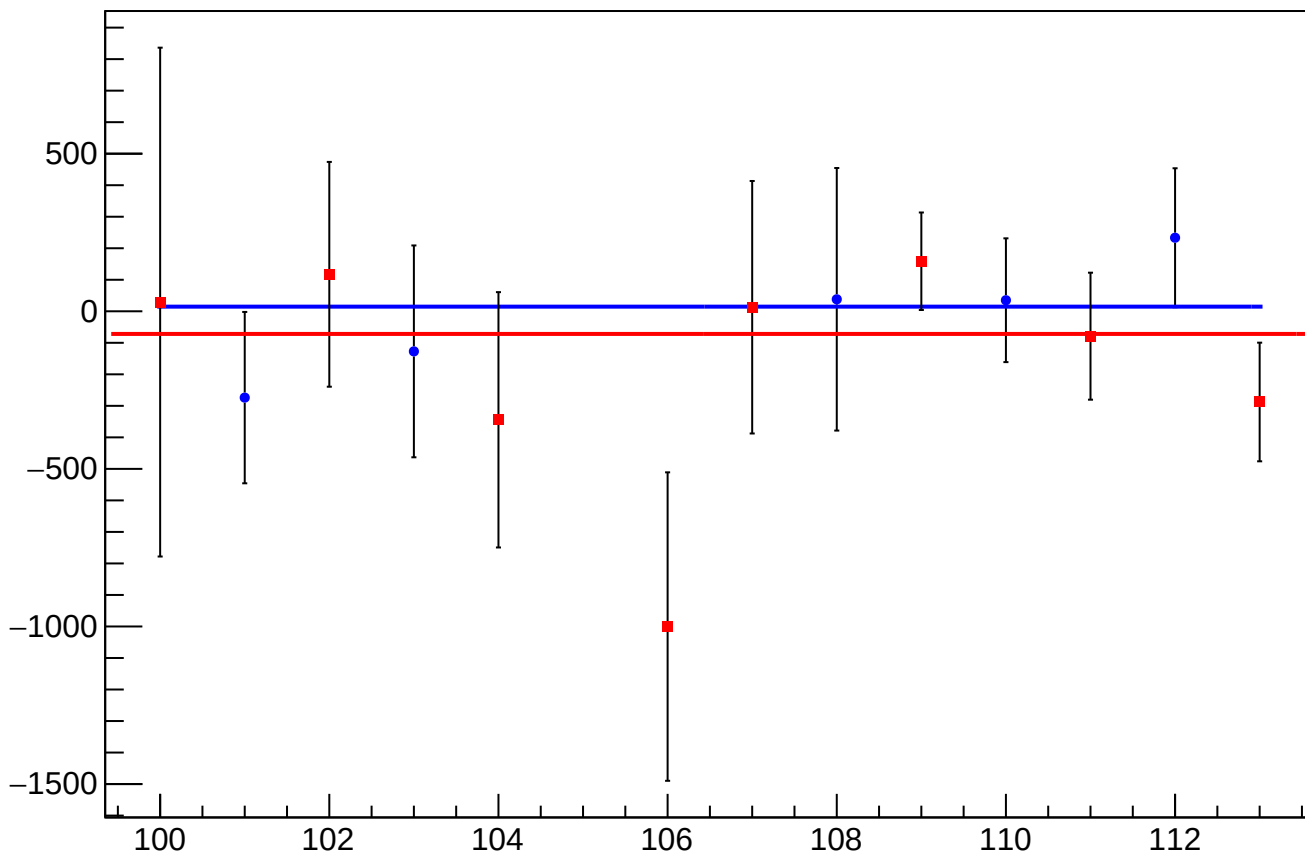
Right: 9.697 $\pm$ 0.003 χ^2 /NDF: 42168.9/12

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: 9.697 $\pm$ 0.003 χ^2 /NDF: 42168.9/12

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: -71.855+/-91.072 χ^2/NDF : 7.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

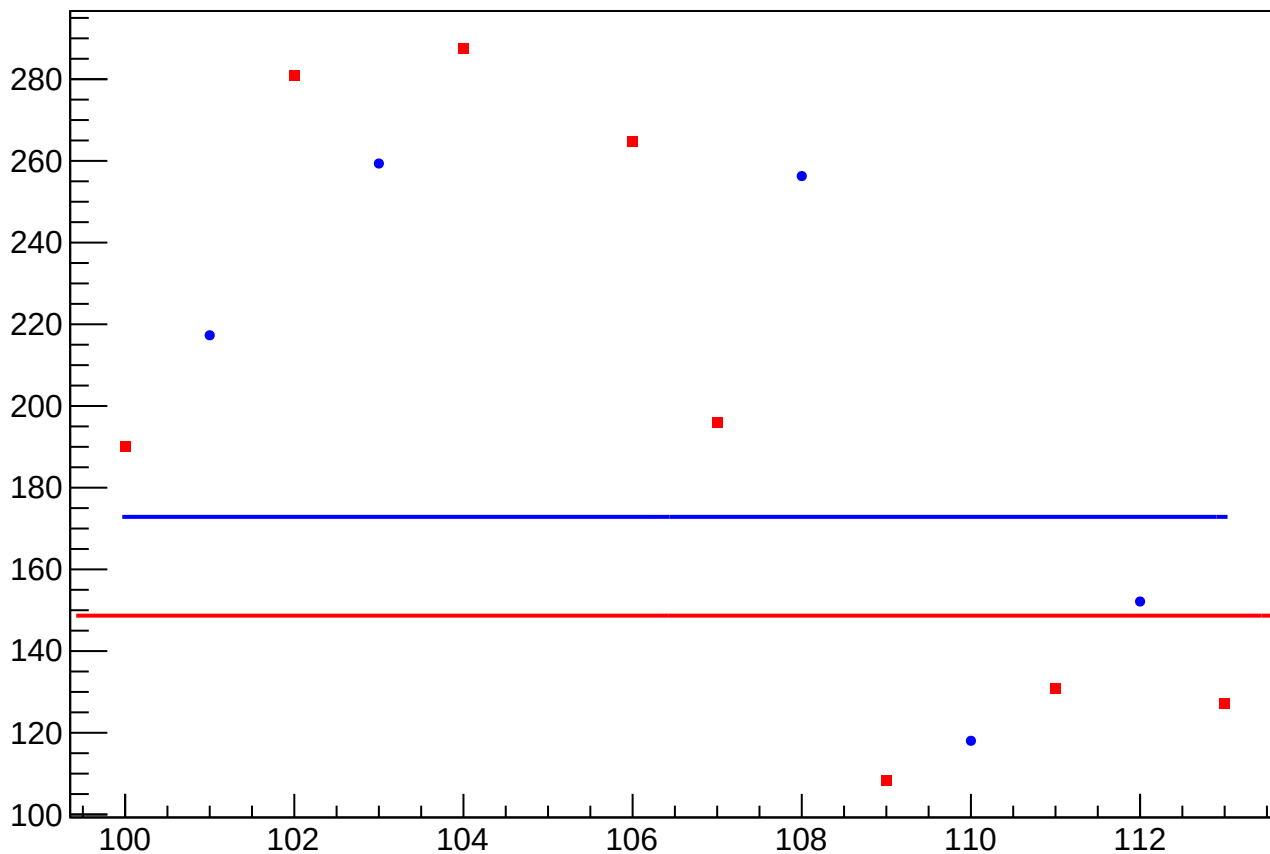
Right: -38.740+/-71.567 χ^2/NDF : 10.6/12

In: 14.727+/-115.722 χ^2/NDF : 2.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.740+/-71.567 χ^2/NDF : 10.6/12

asym_bcm_dg_us_bcm_an_ds_agg_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: 148.675+/-0.064 χ^2/NDF : 832666.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

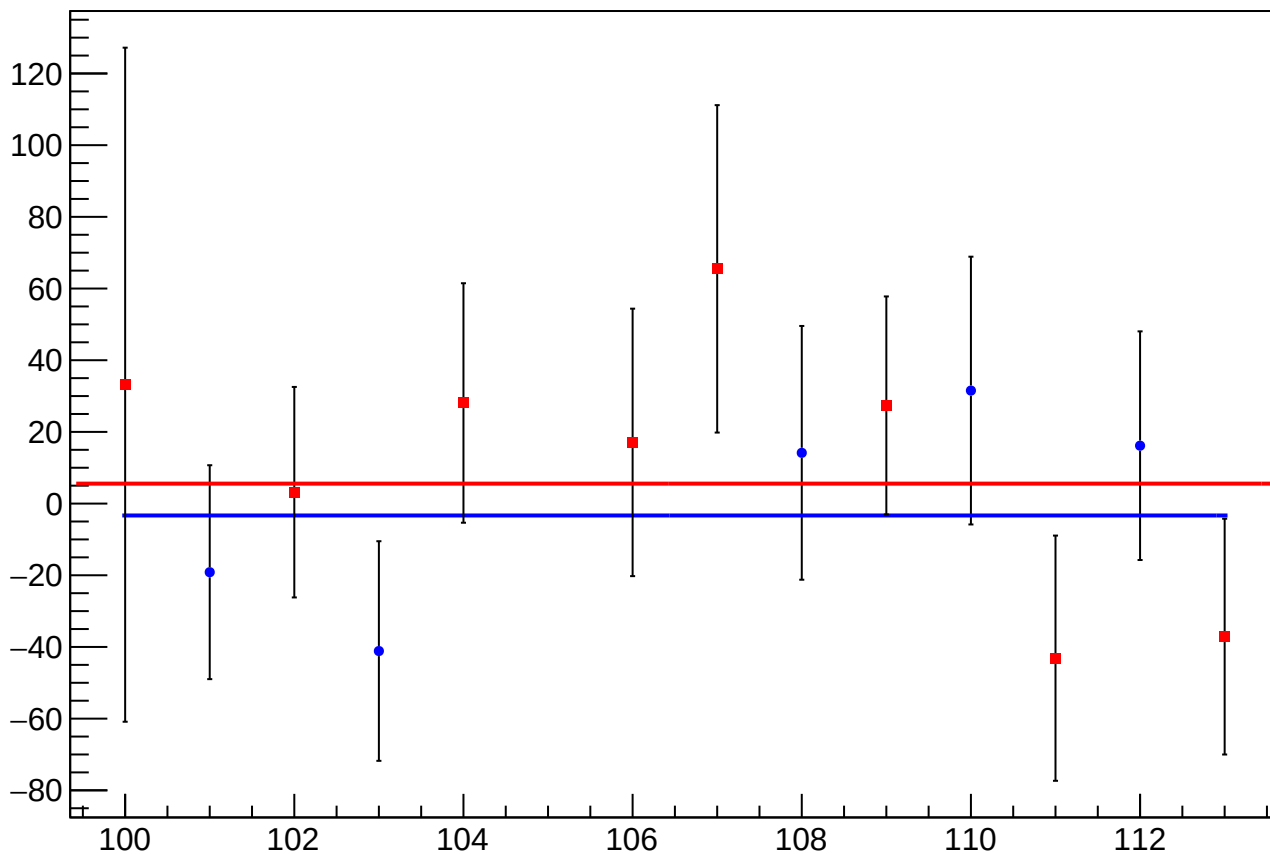
Right: 157.924+/-0.051 χ^2/NDF : 1326378.8/12

In: 172.857+/-0.082 χ^2/NDF : 439780.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.924+/-0.051 χ^2/NDF : 1326378.8/12

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: 5.568+/-12.674 χ^2/NDF : 6.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

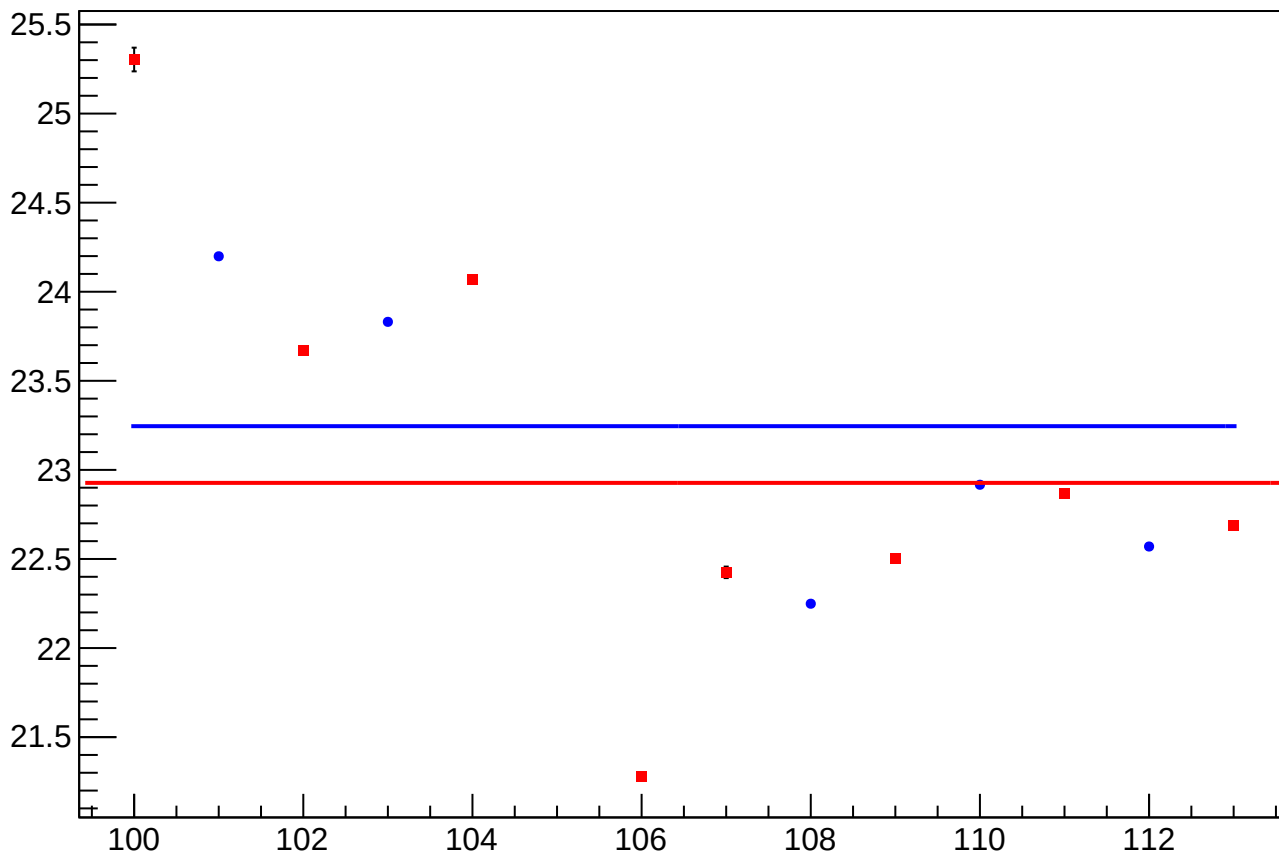
Right: 1.752+/-9.573 χ^2/NDF : 10.1/12

In: -3.318+/-14.609 χ^2/NDF : 3.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.752+/-9.573 χ^2/NDF : 10.1/12

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: 22.927+/-0.009 χ^2/NDF : 9521.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

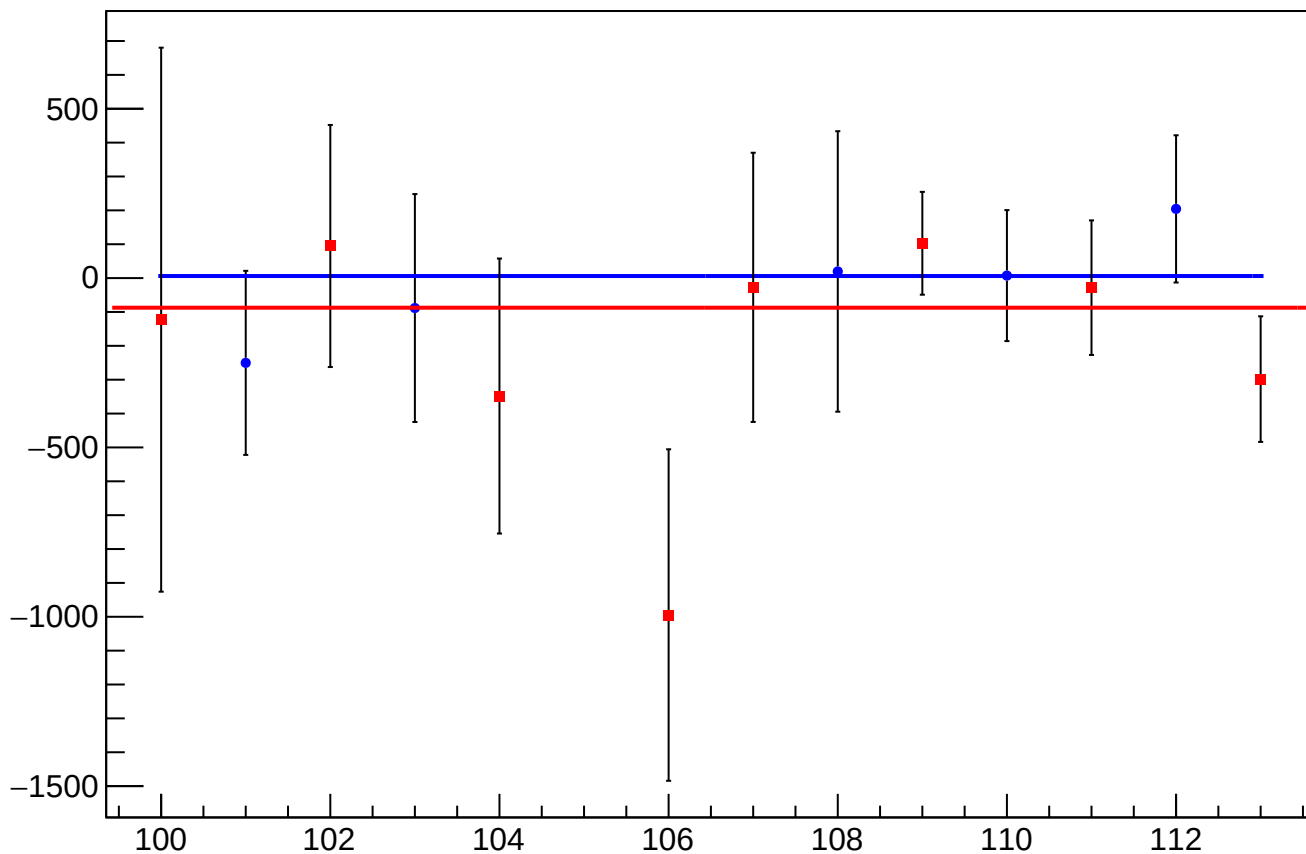
Right: 23.064+/-0.007 χ^2/NDF : 15472.8/12

In: 23.245+/-0.010 χ^2/NDF : 5409.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.064+/-0.007 χ^2/NDF : 15472.8/12

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: -87.426+/-89.890 χ^2/NDF : 7.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

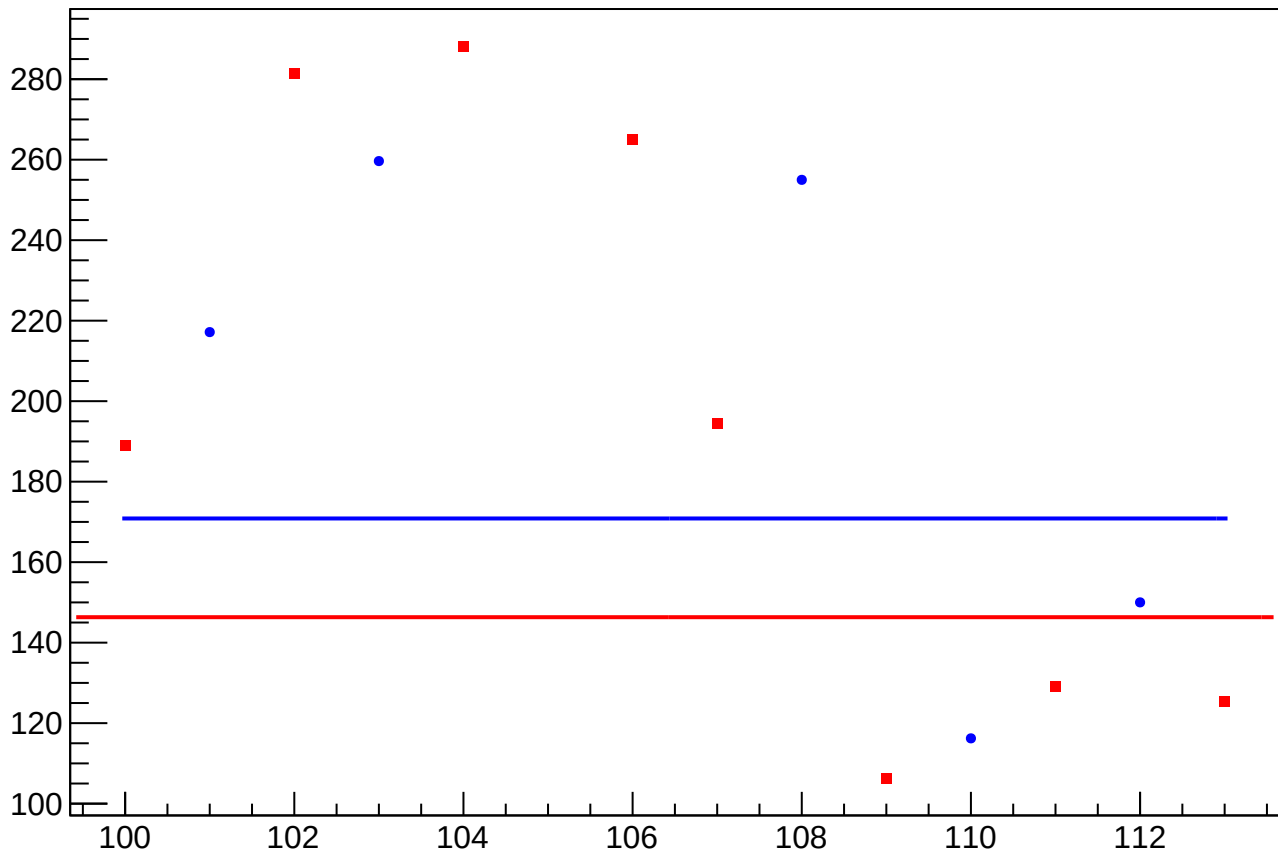
Right: -51.806+/-70.732 χ^2/NDF : 9.3/12

In: 6.110+/-114.620 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -51.806+/-70.732 χ^2/NDF : 9.3/12

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: 146.325+/-0.064 χ^2/NDF : 862166.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

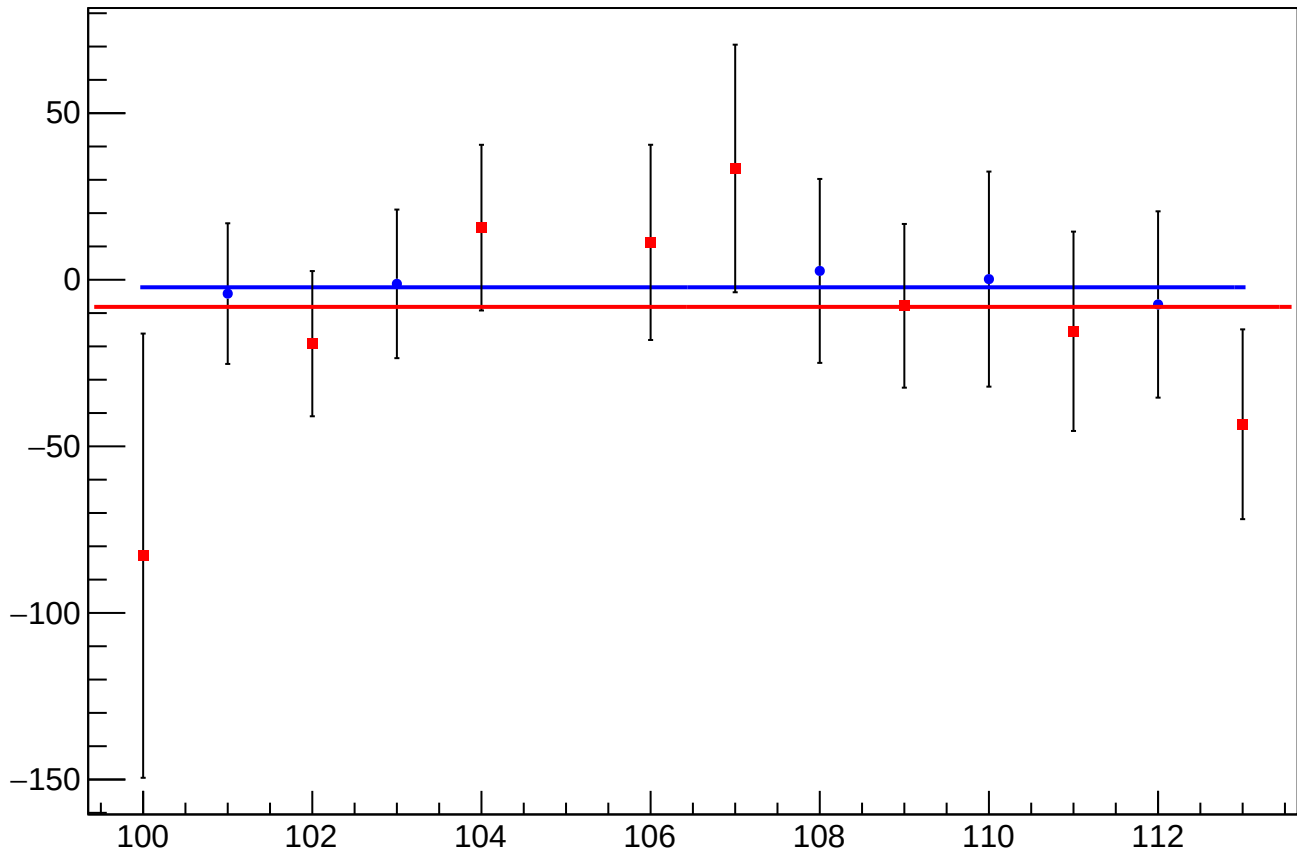
Right: 155.667+/-0.050 χ^2/NDF : 1376846.9/12

In: 170.854+/-0.081 χ^2/NDF : 457966.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.667+/-0.050 χ^2/NDF : 1376846.9/12

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: -8.139+/-10.079 χ^2/NDF : 5.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

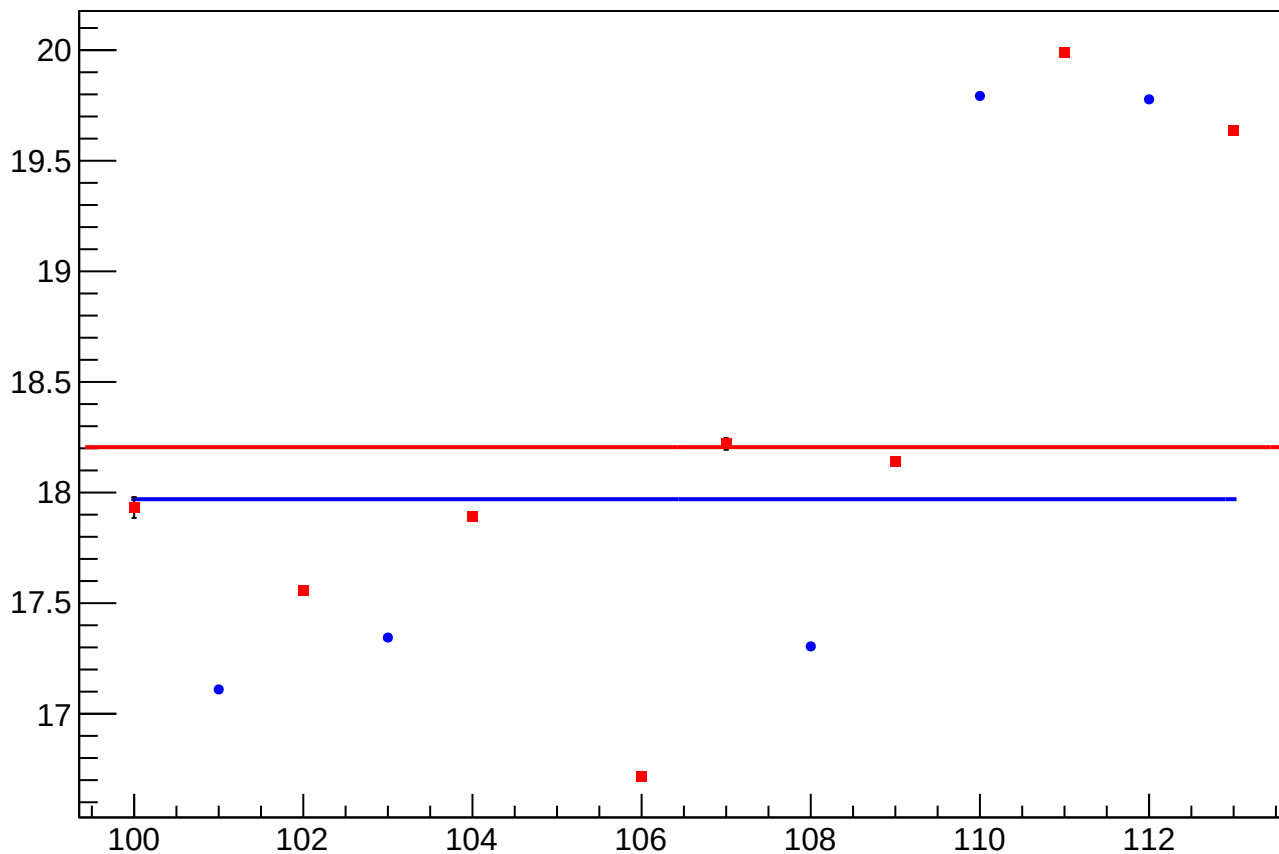
Right: -5.537+/-7.527 χ^2/NDF : 5.9/12

In: -2.255+/-11.318 χ^2/NDF : 0.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.537+/-7.527 χ^2/NDF : 5.9/12

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.970 $\pm$ 0.008 χ^2 /NDF: 20790.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 18.205 $\pm$ 0.007 χ^2 /NDF: 19470.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

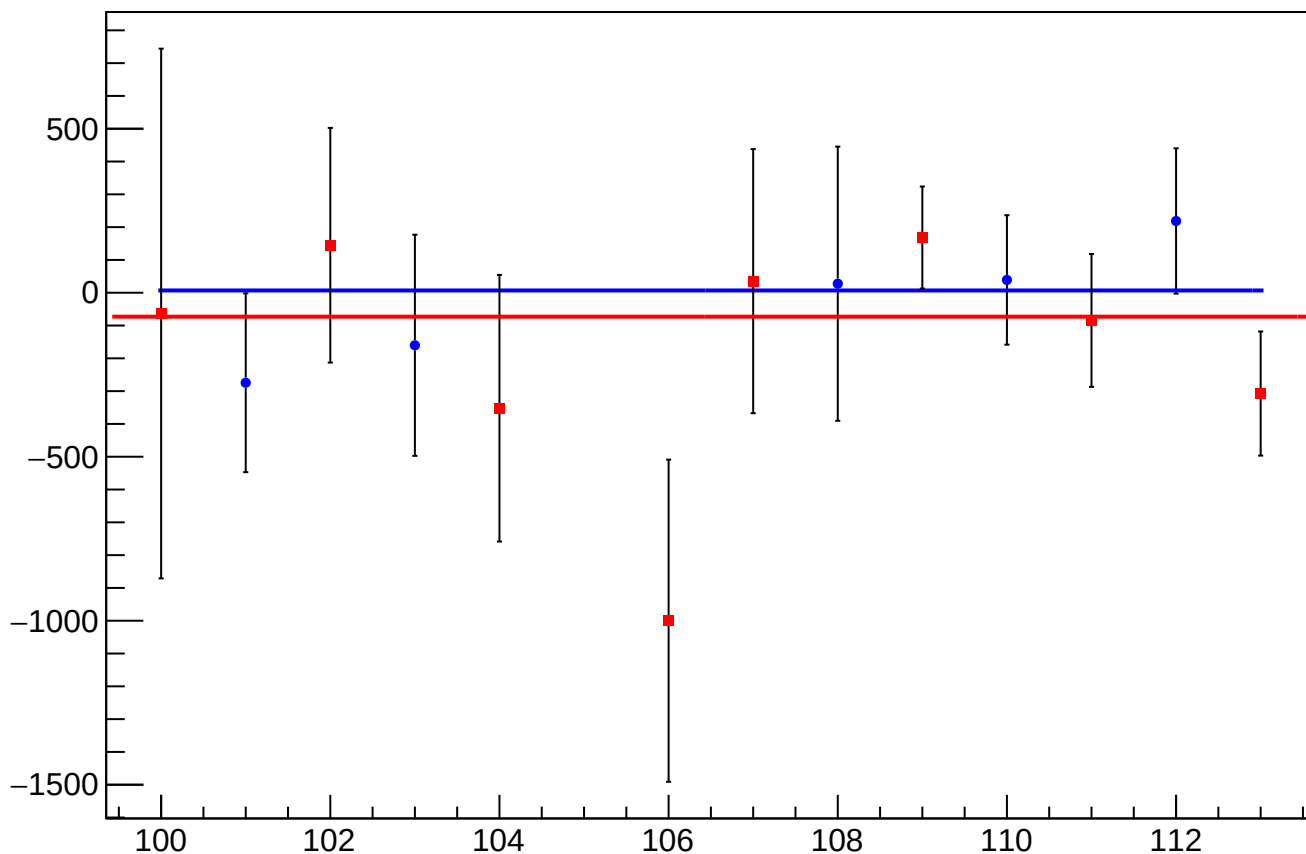
Right: 18.101 $\pm$ 0.005 χ^2 /NDF: 40742.7/12

In: 17.970 $\pm$ 0.008 χ^2 /NDF:20790.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 18.101 $\pm$ 0.005 χ^2 /NDF: 40742.7/12

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: -72.973+/-91.519 χ^2/NDF : 8.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

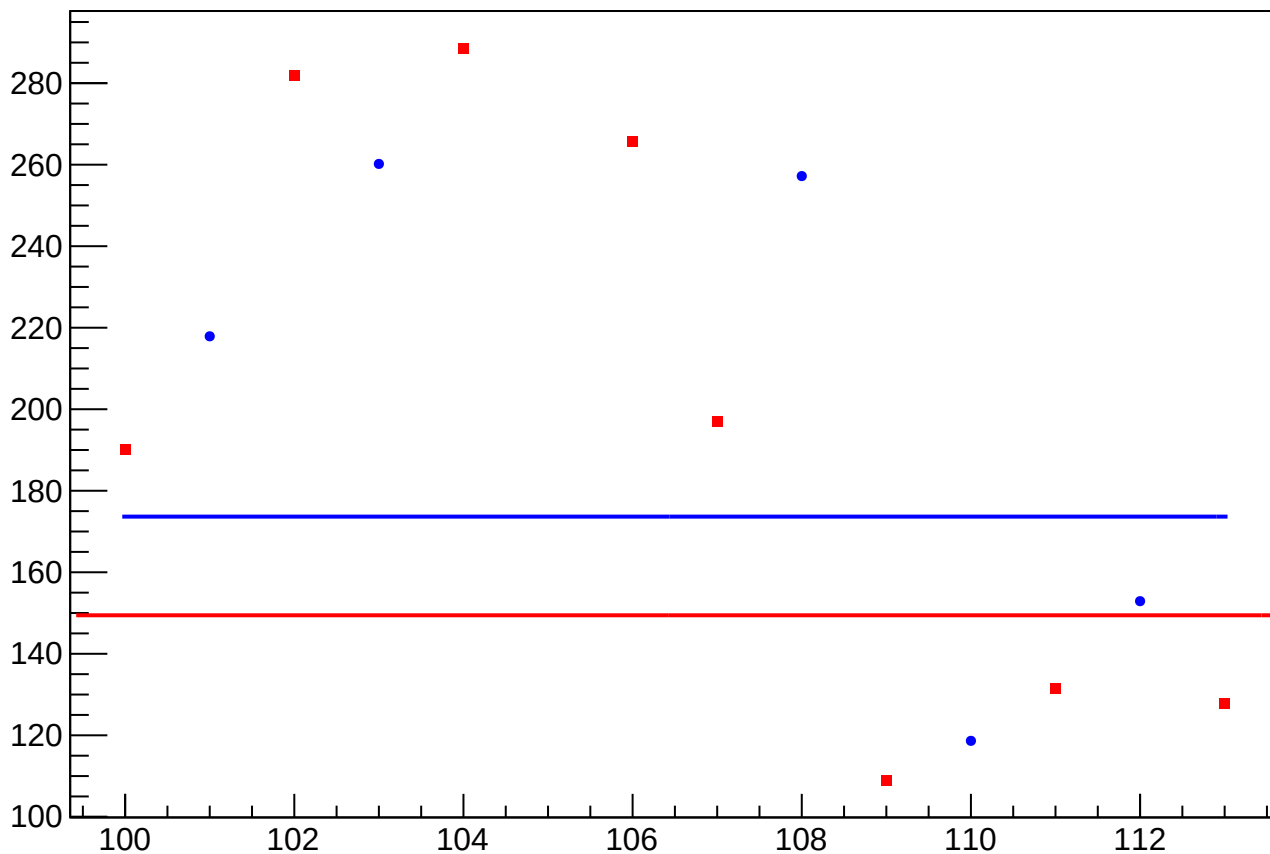
Right: -42.395+/-71.903 χ^2/NDF : 11.0/12

In: 6.920+/-116.225 χ^2/NDF : 2.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.395+/-71.903 χ^2/NDF : 11.0/12

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 173.654 $\pm$ 0.082 χ^2 /NDF: 437263.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 149.447 $\pm$ 0.065 χ^2 /NDF: 829649.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

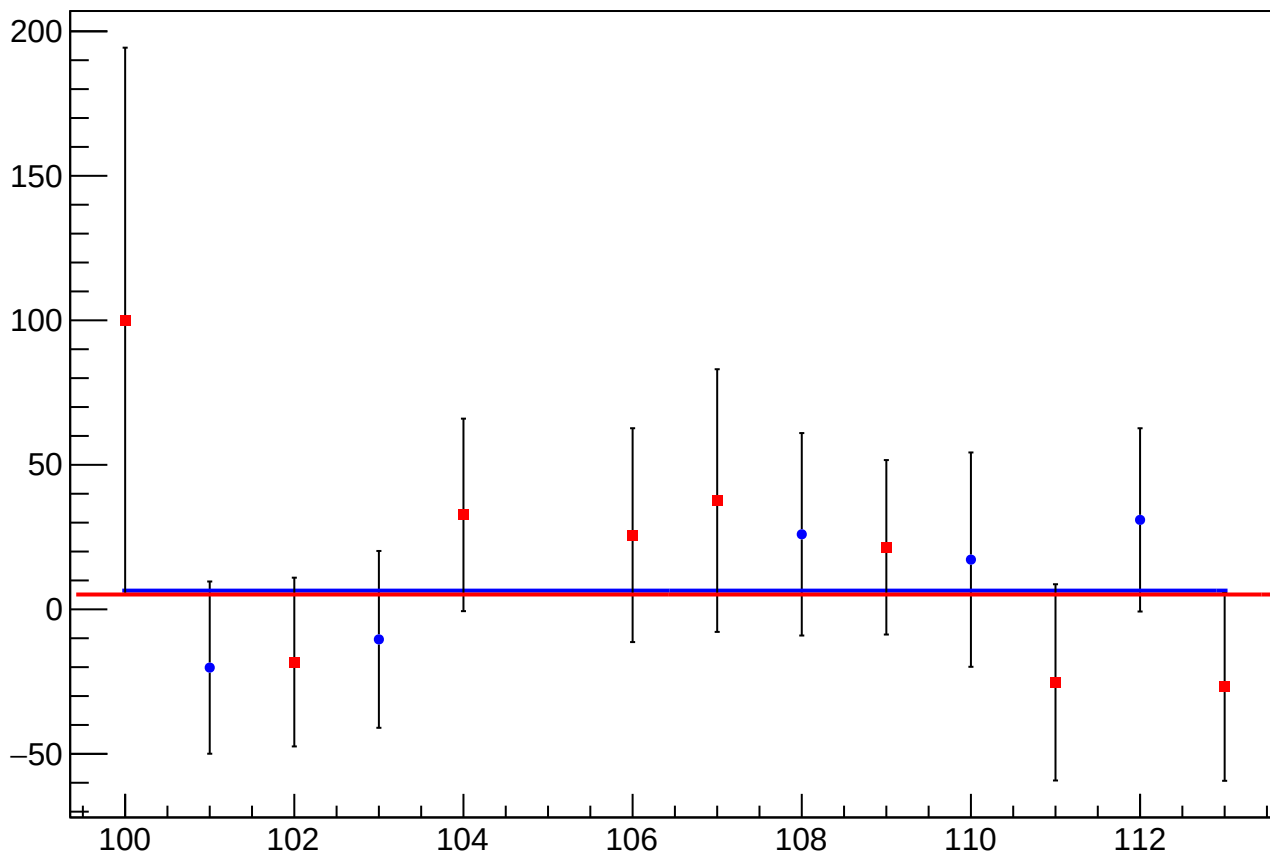
Right: 158.712 $\pm$ 0.051 χ^2 /NDF: 1320465.4/12

In: 173.654 $\pm$ 0.082 χ^2 /NDF:437263.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 158.712 $\pm$ 0.051 χ^2 /NDF: 1320465.4/12

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: 5.134+/-12.584 χ^2/NDF : 5.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

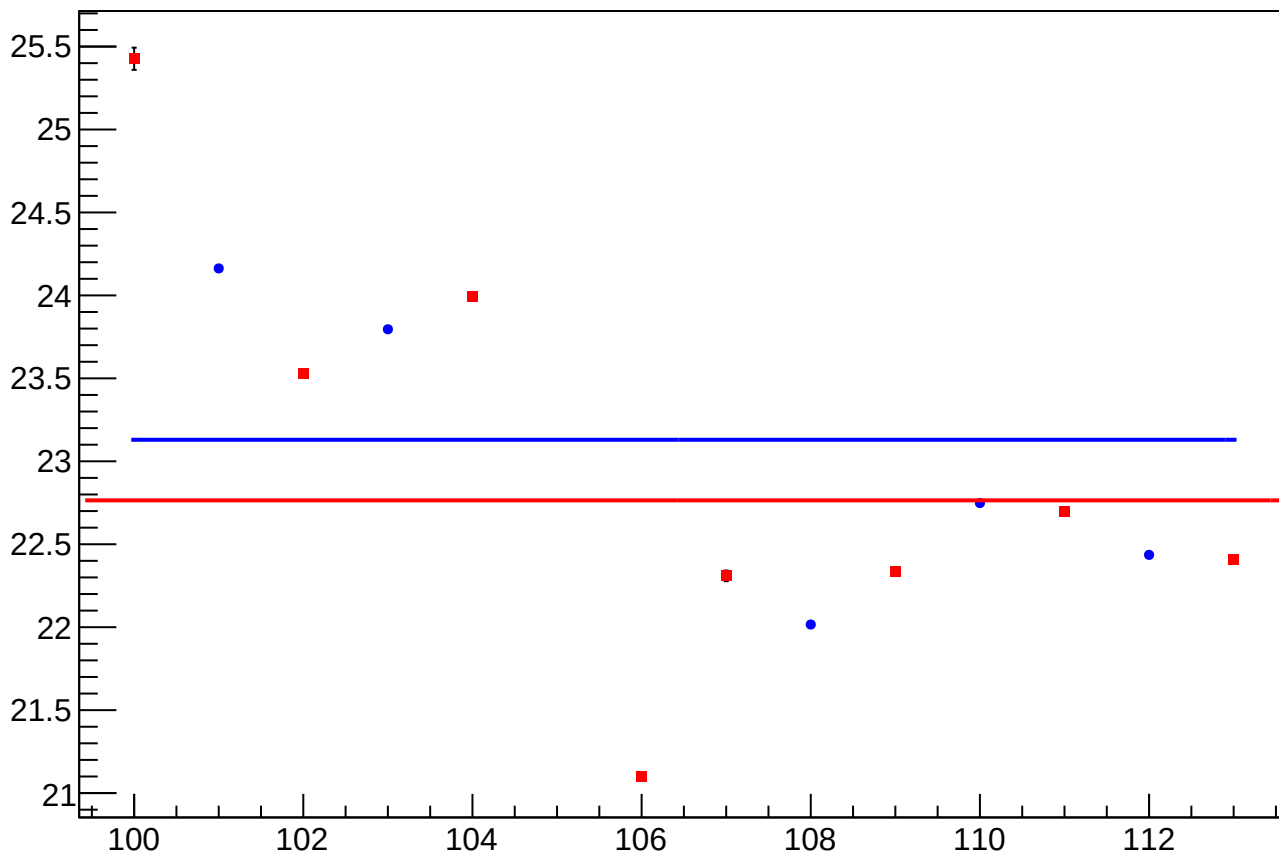
Right: 5.709+/-9.514 χ^2/NDF : 7.3/12

In: 6.477+/-14.537 χ^2/NDF : 2.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.709+/-9.514 χ^2/NDF : 7.3/12

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 23.130 $\pm$ 0.010 χ^2 /NDF: 6542.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 22.765 $\pm$ 0.009 χ^2 /NDF: 10582.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

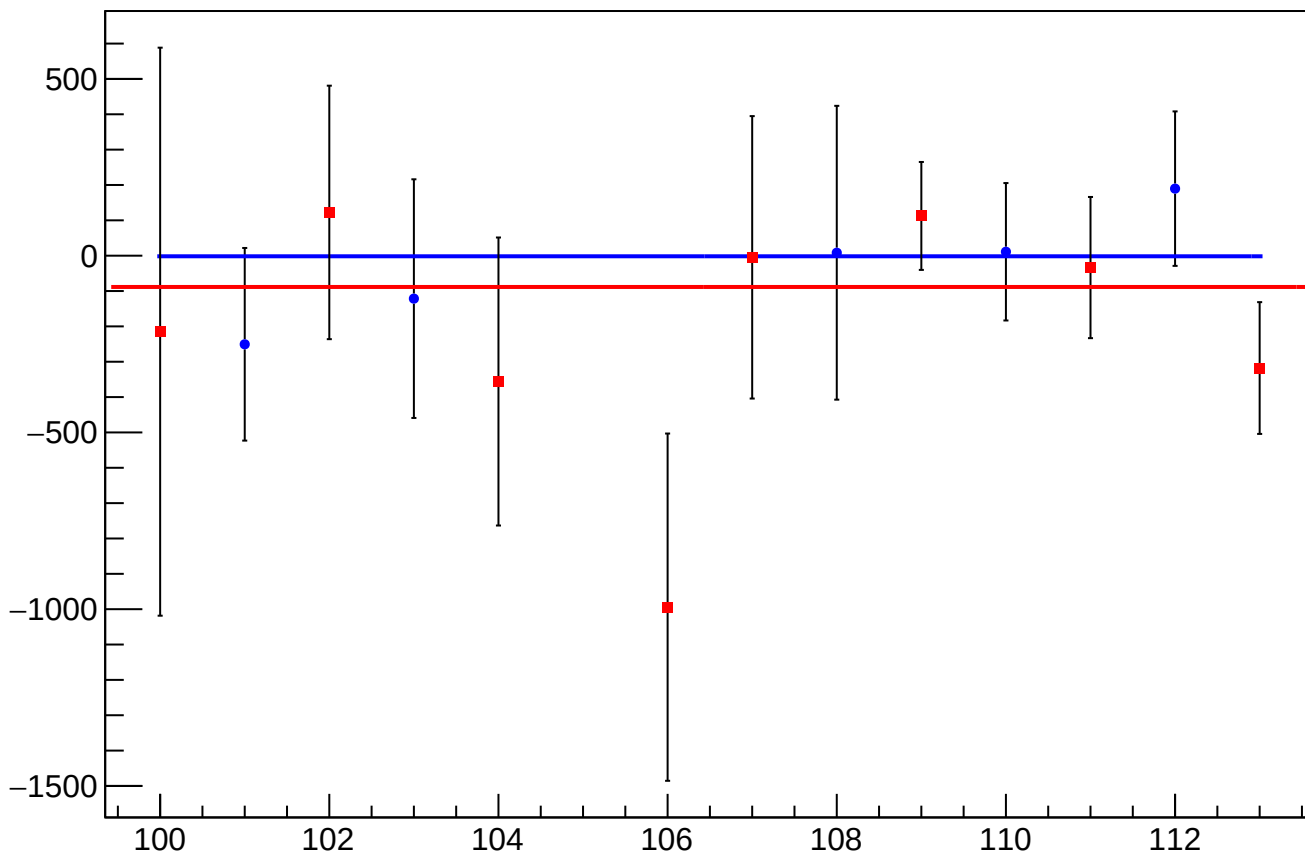
Right: 22.921 $\pm$ 0.007 χ^2 /NDF: 17847.0/12

In: 23.130 $\pm$ 0.010 χ^2 /NDF:6542.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 22.921 $\pm$ 0.007 χ^2 /NDF: 17847.0/12

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: -88.493+/-90.338 χ^2/NDF : 7.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

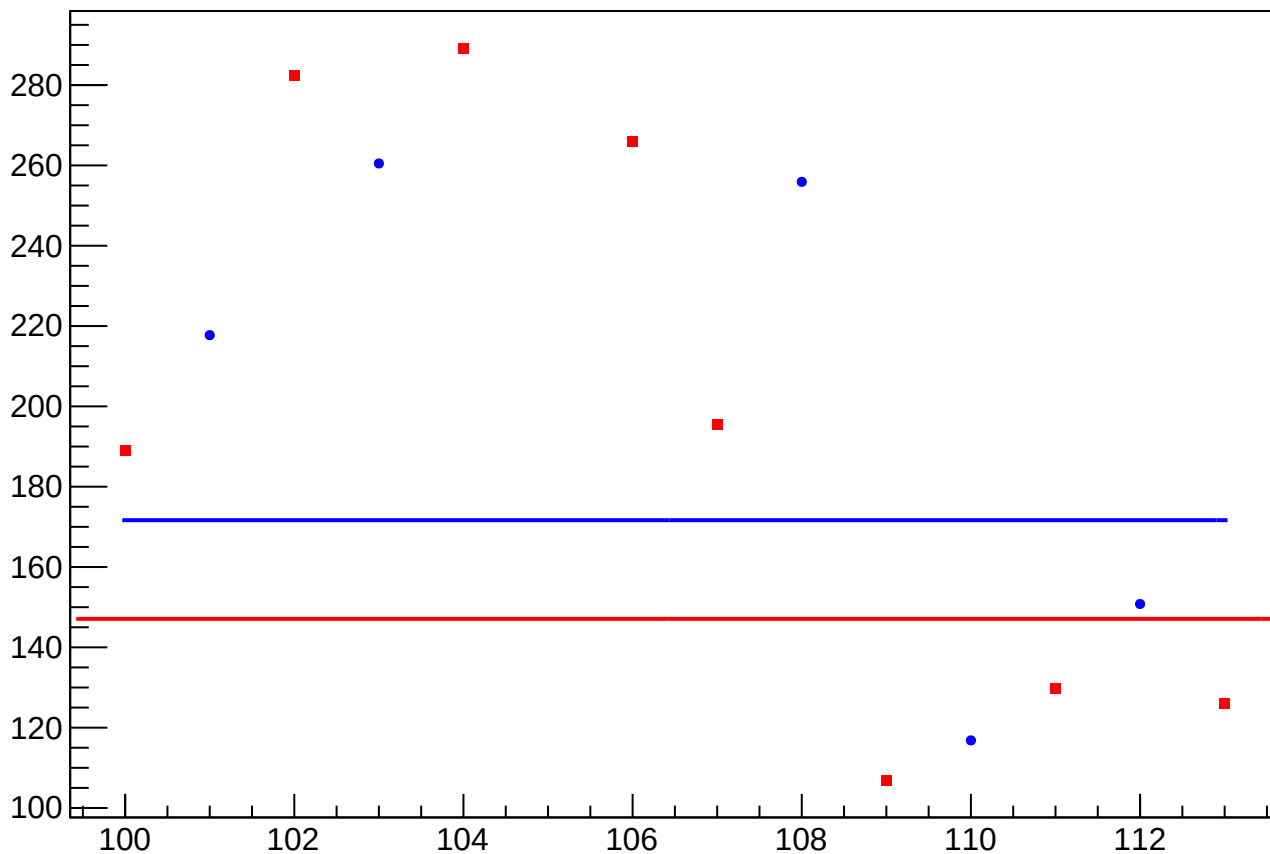
Right: -55.420+/-71.069 χ^2/NDF : 9.7/12

In: -1.708+/-115.124 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.420+/-71.069 χ^2/NDF : 9.7/12

asym_bcm_dg_ds_bcm_an_us_agg_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: 147.100 $\pm$ 0.064 χ^2 /NDF: 858961.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

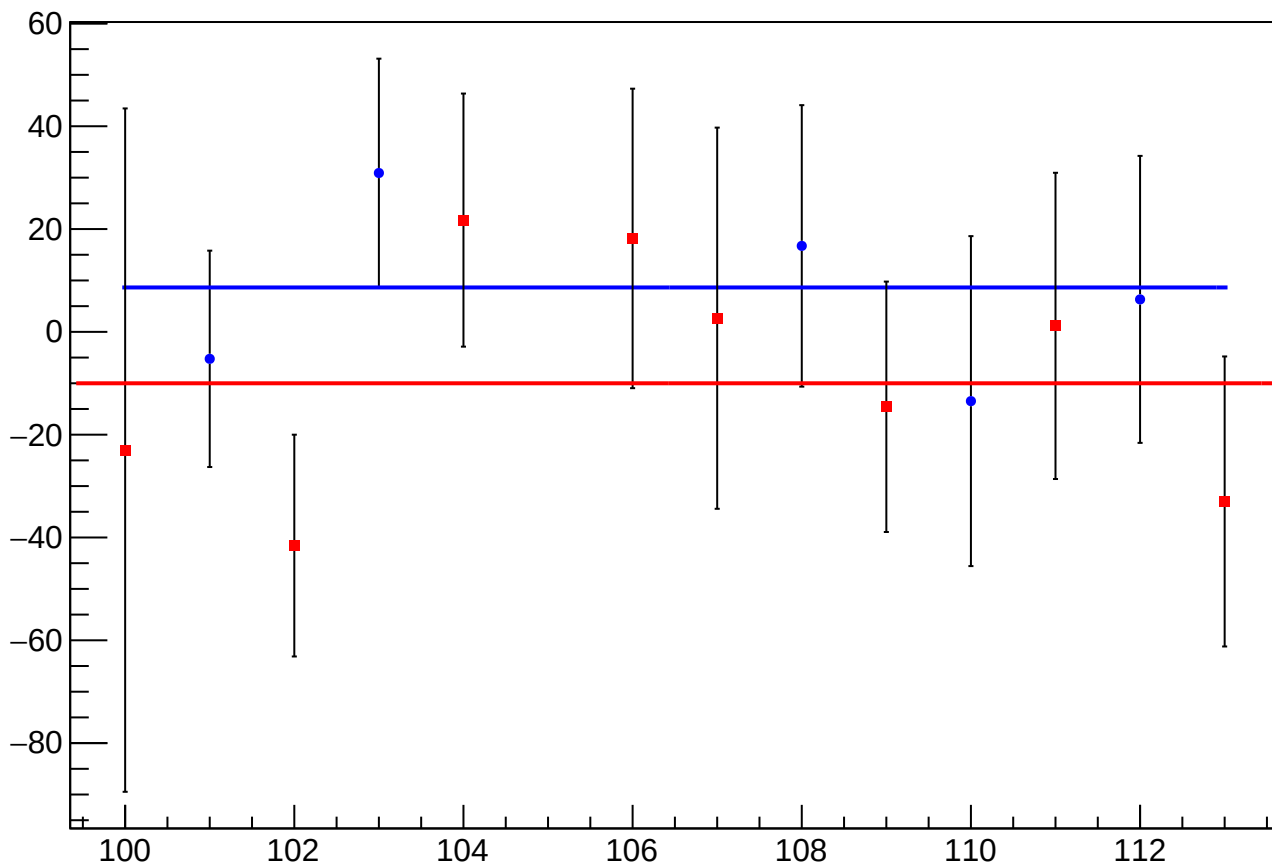
Right: 156.457 $\pm$ 0.050 χ^2 /NDF: 1370568.3/12

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: 156.457 $\pm$ 0.050 χ^2 /NDF: 1370568.3/12

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: -10.002+/-9.999 χ^2/NDF : 5.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

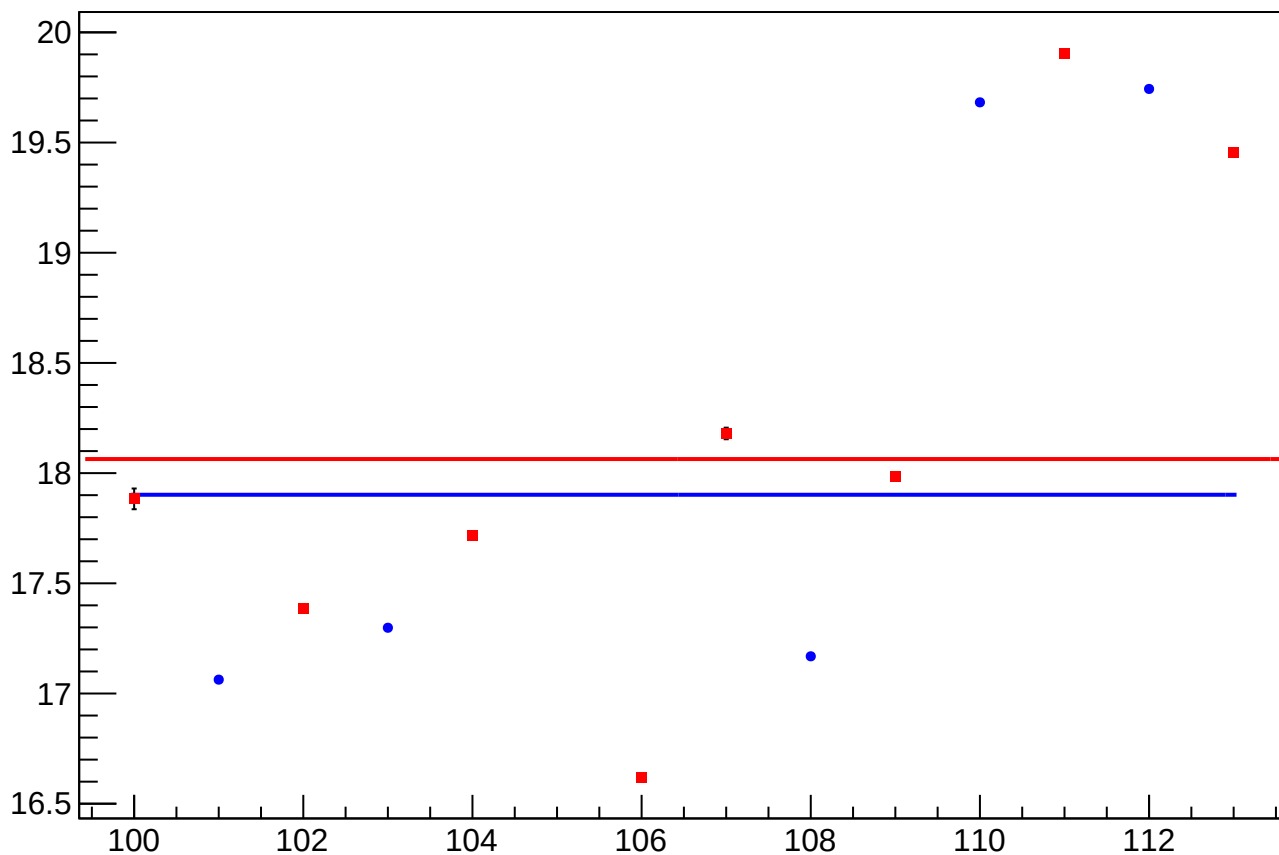
Right: -1.794+/-7.481 χ^2/NDF : 9.3/12

In: 8.639+/-11.274 χ^2/NDF : 2.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.794+/-7.481 χ^2/NDF : 9.3/12

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: 18.064 $\pm$ 0.007 χ^2 /NDF: 19861.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

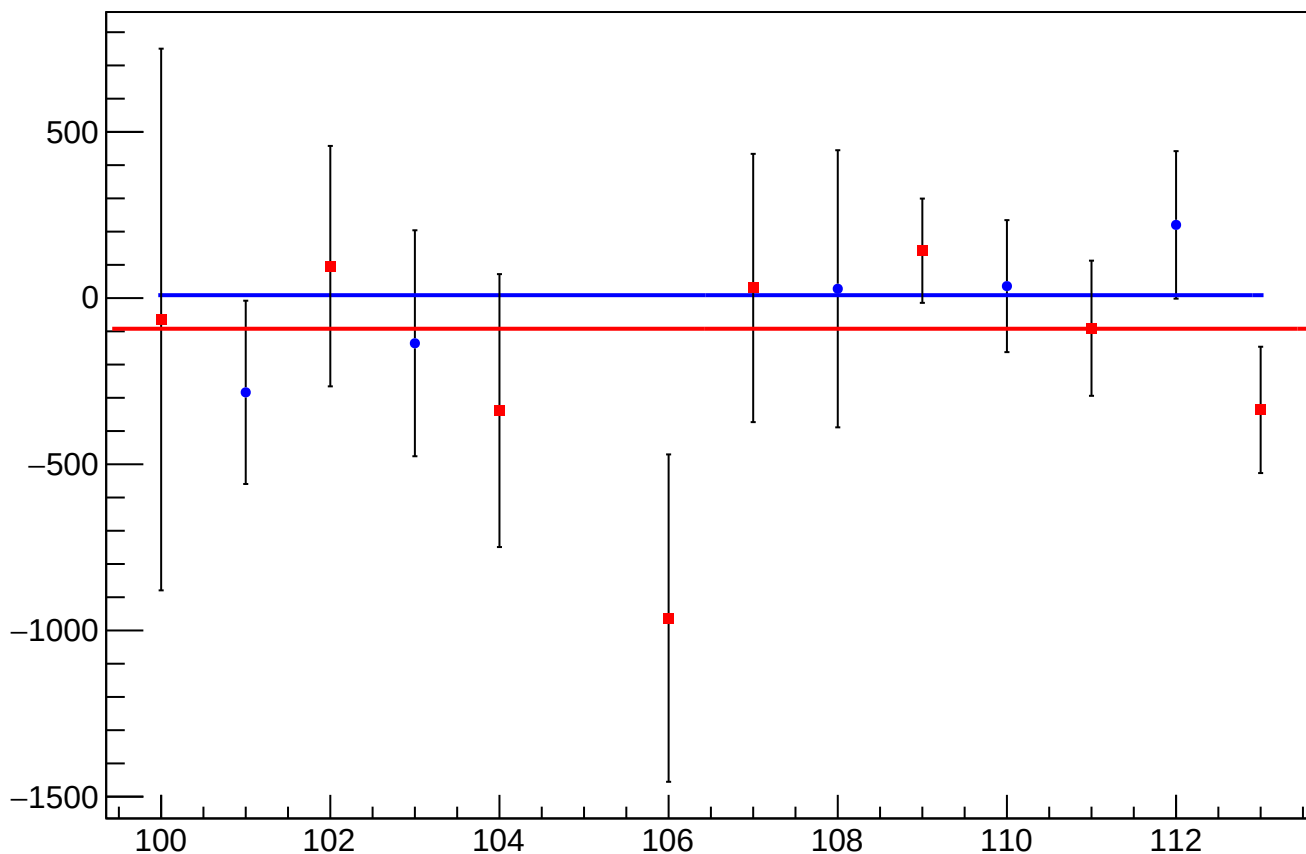
Right: 17.993 $\pm$ 0.005 χ^2 /NDF: 41037.8/12

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: 17.993 $\pm$ 0.005 χ^2 /NDF: 41037.8/12

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: -92.201+/-92.111 χ^2/NDF : 7.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

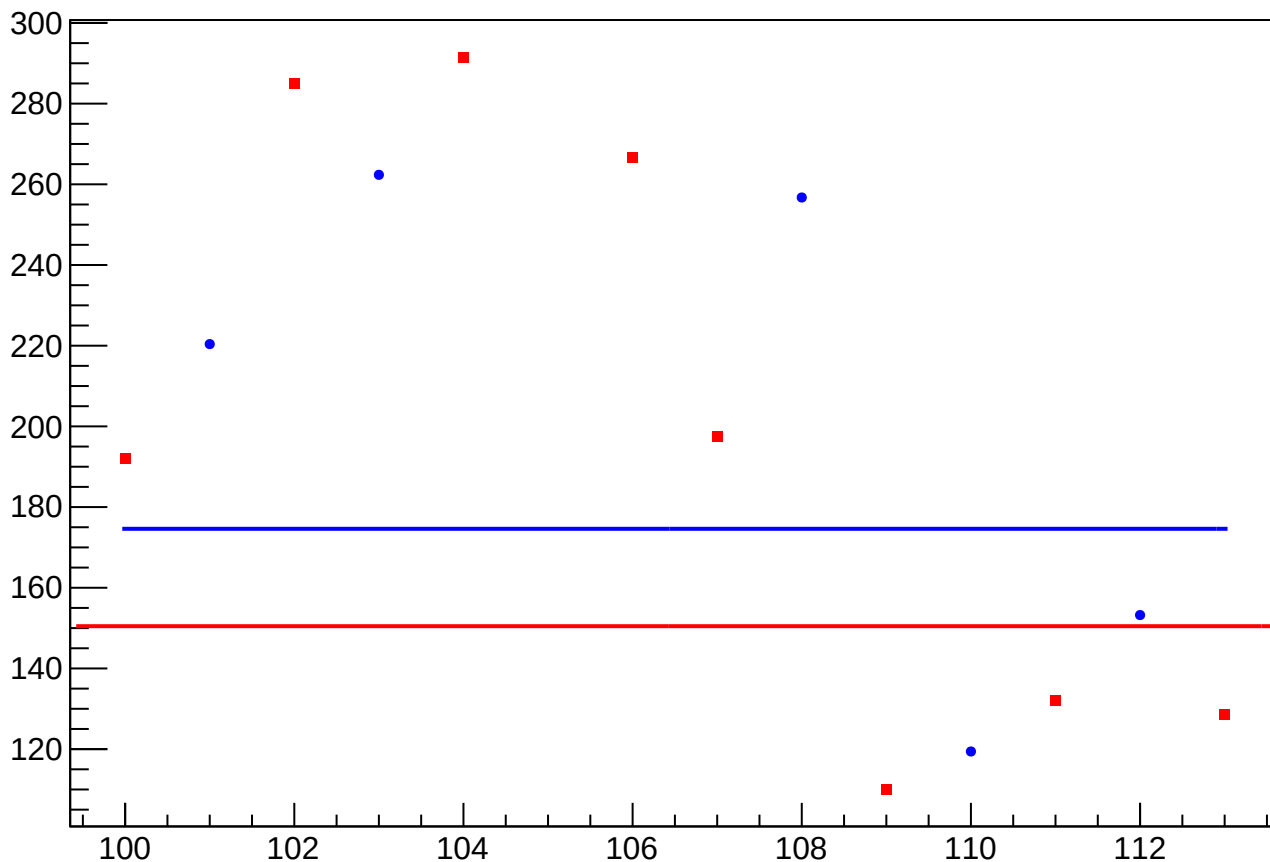
Right: -53.508+/-72.340 χ^2/NDF : 10.4/12

In: 8.767+/-116.857 χ^2/NDF : 2.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -53.508+/-72.340 χ^2/NDF : 10.4/12

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: 150.474 $\pm$ 0.065 χ^2 /NDF: 831242.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

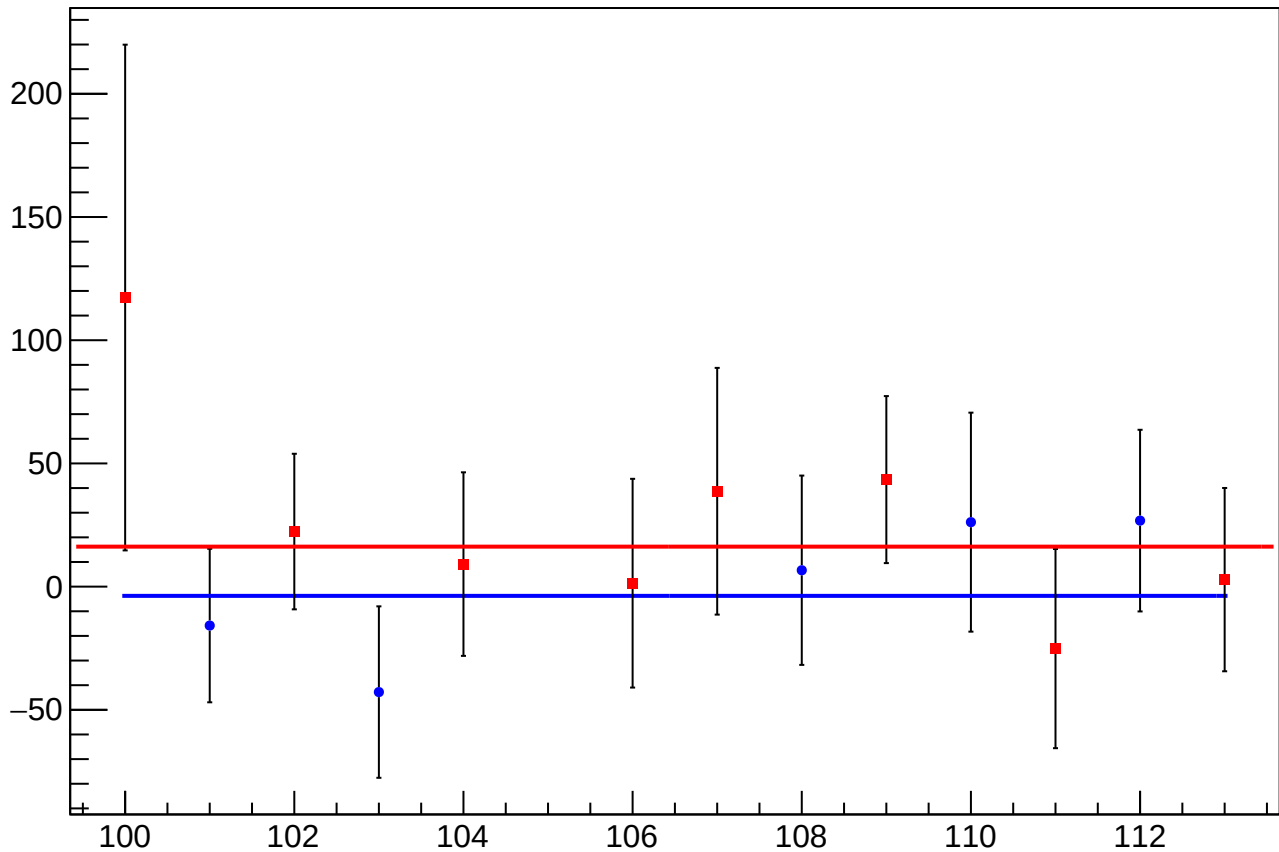
Right: 159.725 $\pm$ 0.051 χ^2 /NDF: 1322954.5/12

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: 159.725 $\pm$ 0.051 χ^2 /NDF: 1322954.5/12

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: 16.231+/-14.168 χ^2/NDF : 3.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

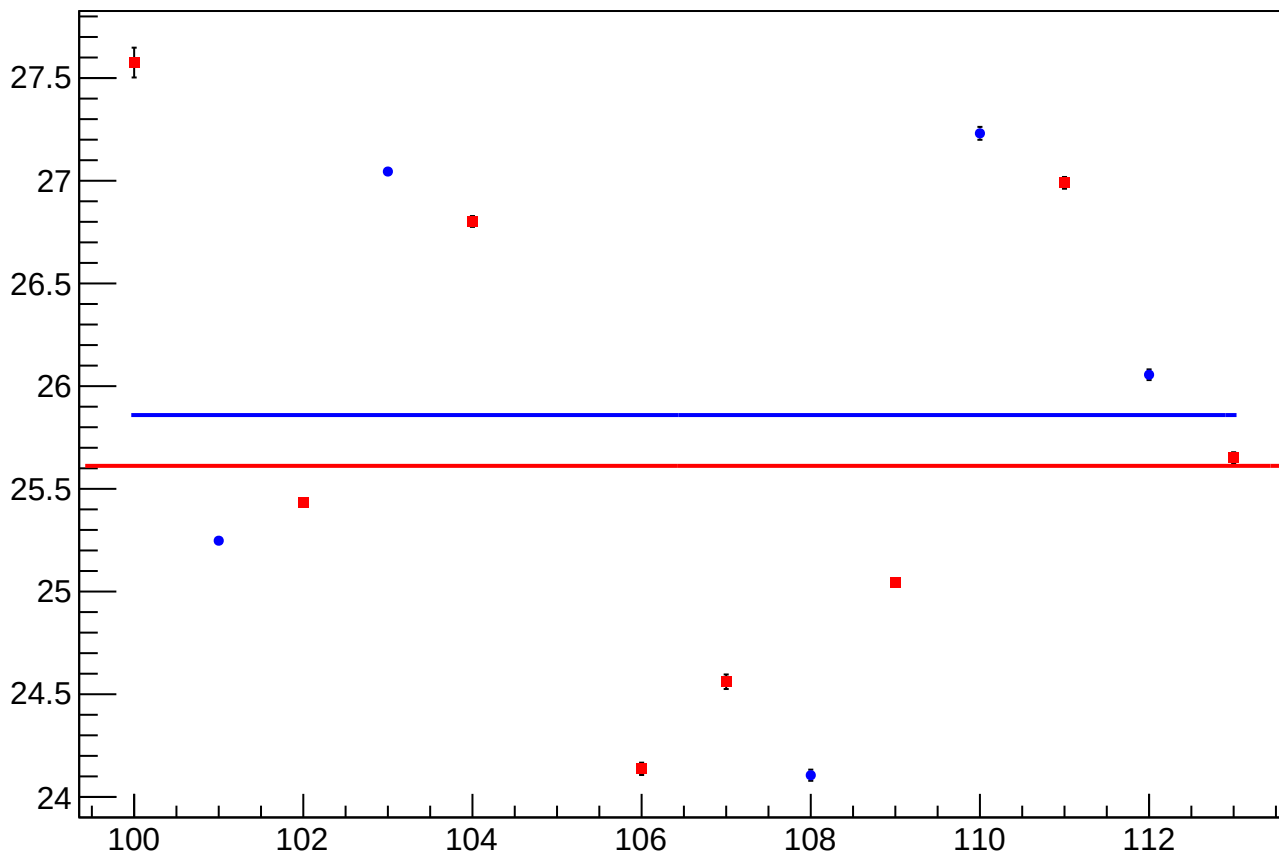
Right: 7.616+/-10.685 χ^2/NDF : 6.7/12

In: -3.746+/-16.272 χ^2/NDF : 2.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.616+/-10.685 χ^2/NDF : 6.7/12

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: 25.612+/-0.010 χ^2/NDF : 9035.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

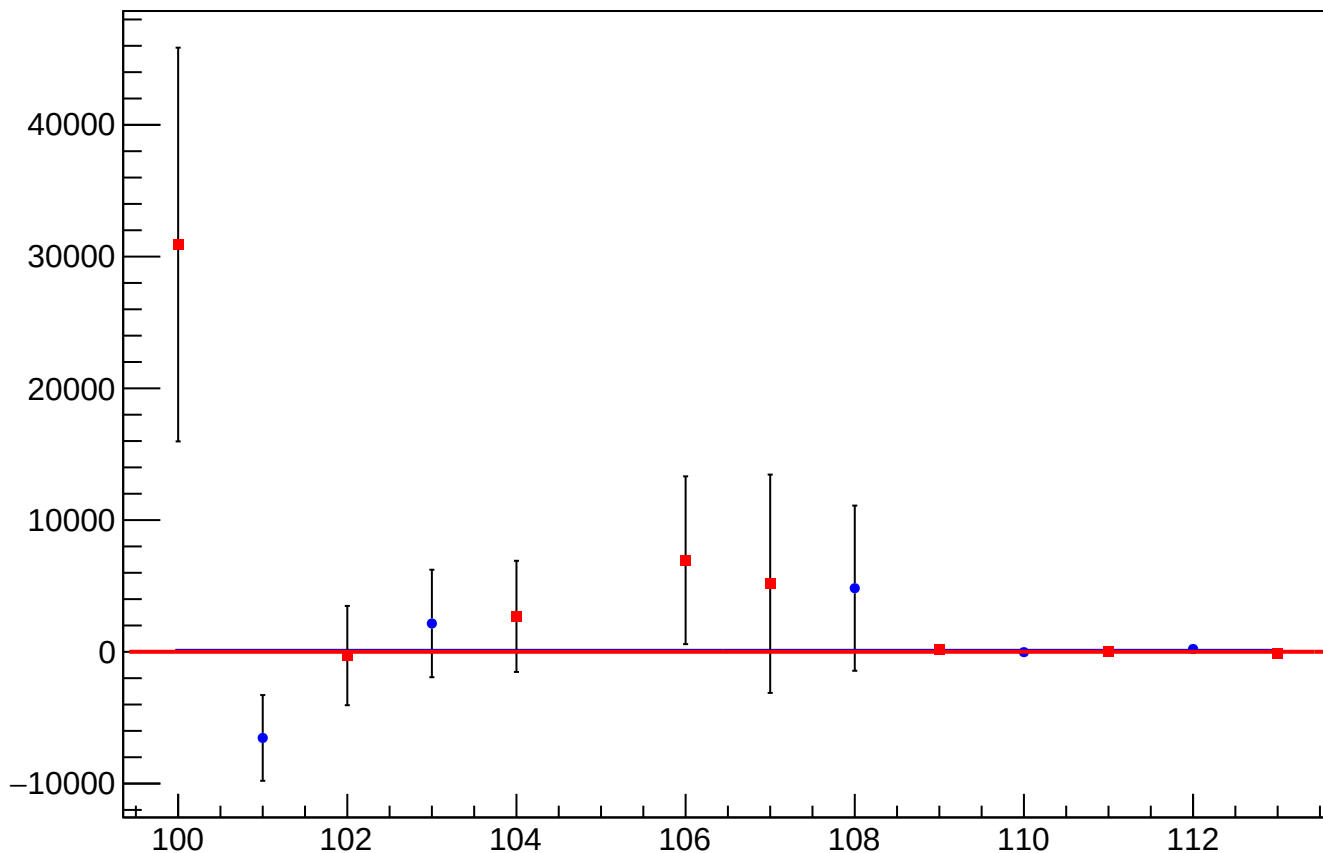
Right: 25.719+/-0.008 χ^2/NDF : 18521.7/12

In: 25.859+/-0.012 χ^2/NDF : 9223.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.719+/-0.008 χ^2/NDF : 18521.7/12

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 75.402 $\pm$ 145.250 χ^2 /NDF: 5.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.977 $\pm$ 114.158 χ^2 /NDF: 7.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

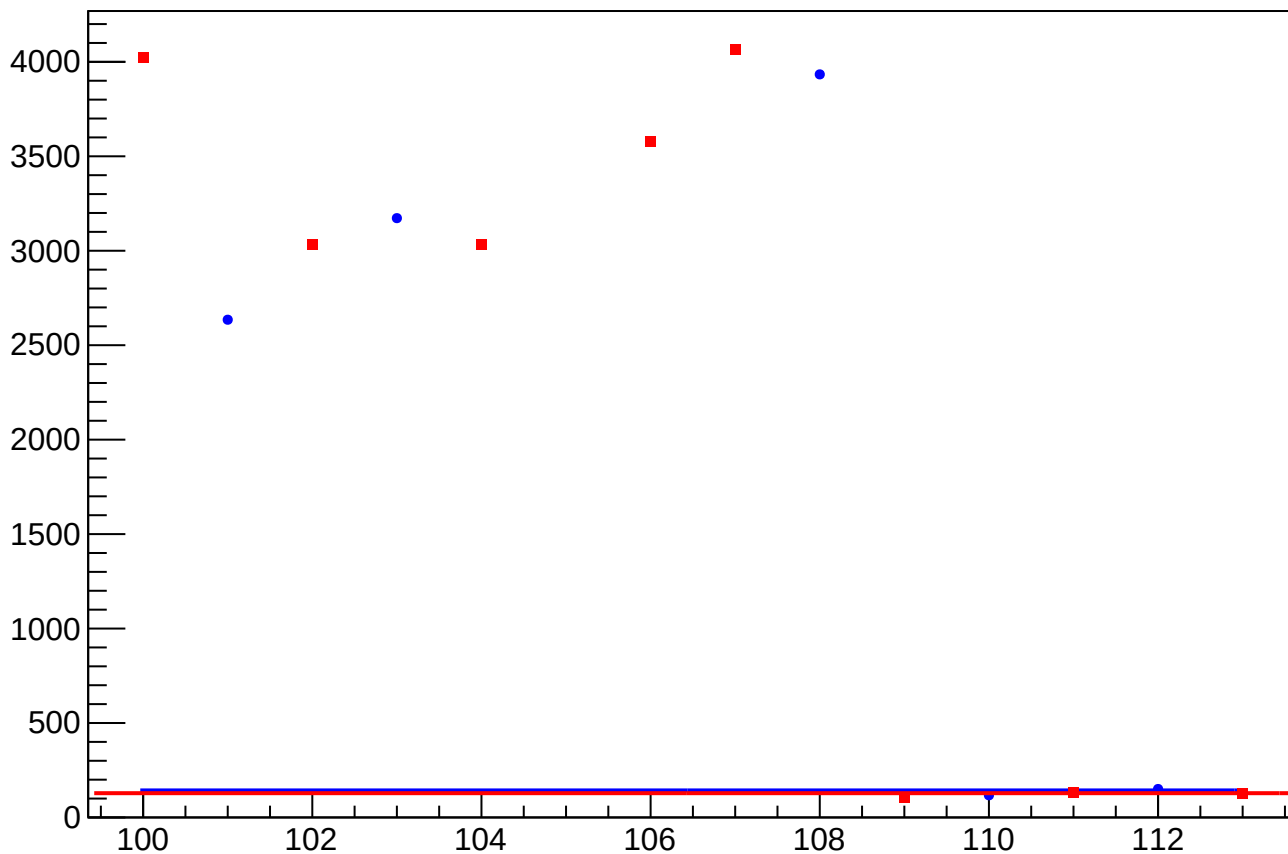
Right: 31.250 $\pm$ 89.754 χ^2 /NDF: 13.7/12

In: 75.402 $\pm$ 145.250 χ^2 /NDF: 5.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 31.250 $\pm$ 89.754 χ^2 /NDF: 13.7/12

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 143.086 $\pm$ 0.103 χ^2 /NDF: 3044313.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 128.497 $\pm$ 0.081 χ^2 /NDF: 3334008.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

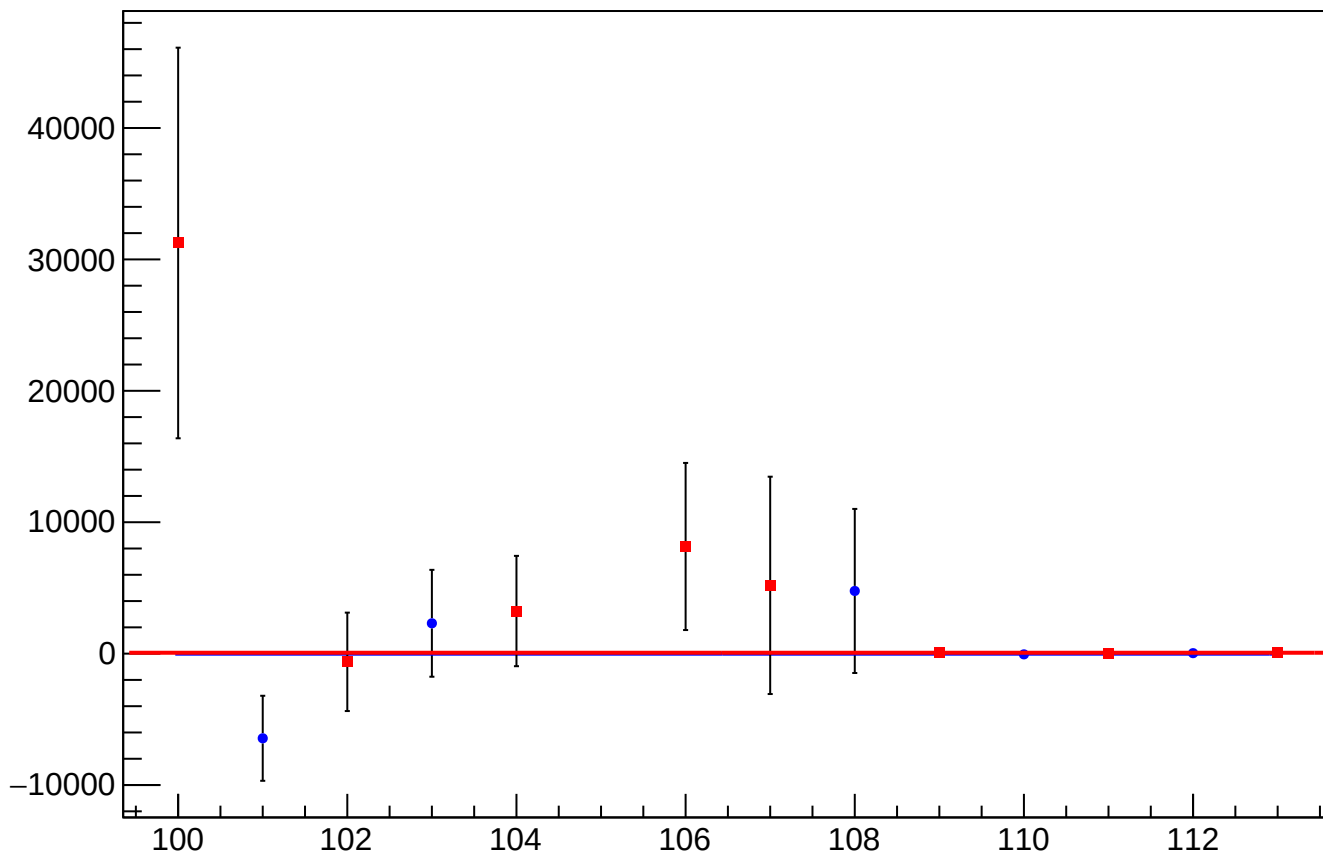
Right: 134.067 $\pm$ 0.063 χ^2 /NDF: 6390794.9/12

In: 143.086 $\pm$ 0.103 χ^2 /NDF:3044313.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 134.067 $\pm$ 0.063 χ^2 /NDF: 6390794.9/12

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: 66.979+/-24.459 χ^2/NDF : 9.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

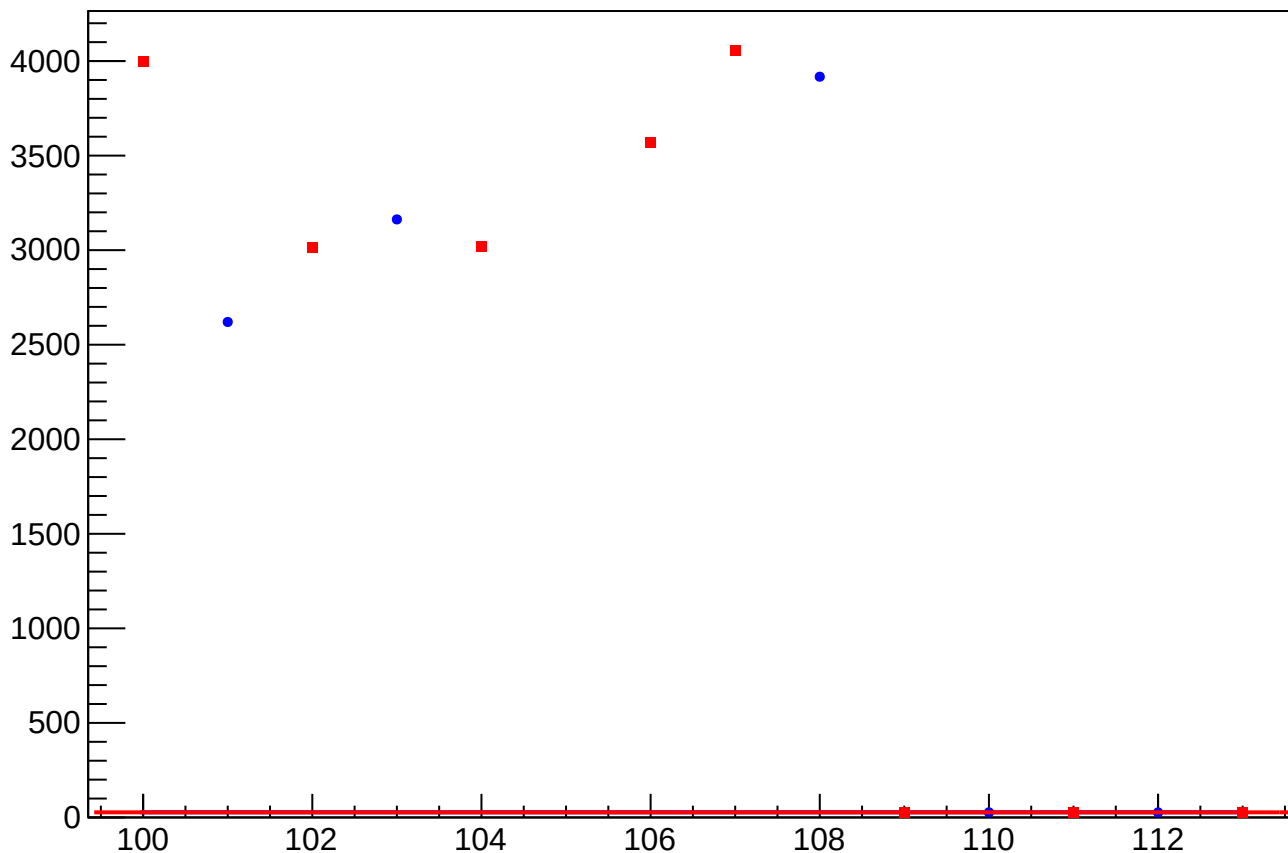
Right: 37.339+/-18.596 χ^2/NDF : 20.3/12

In: -3.261+/-28.627 χ^2/NDF : 7.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.339+/-18.596 χ^2/NDF : 20.3/12

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: 27.046+/-0.017 χ^2/NDF : 3531597.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

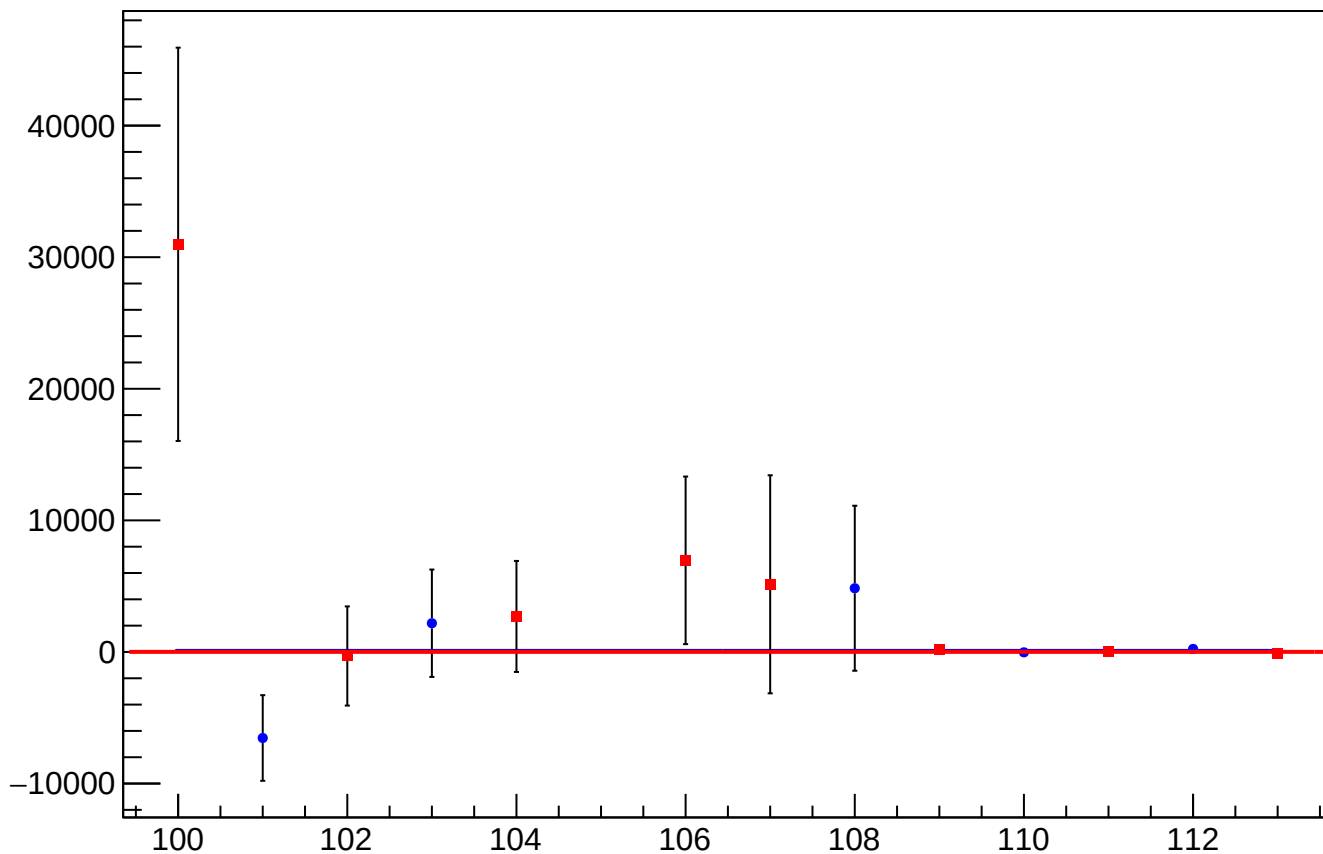
Right: 27.120+/-0.013 χ^2/NDF : 6782326.5/12

In: 27.223+/-0.020 χ^2/NDF : 3250684.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.120+/-0.013 χ^2/NDF : 6782326.5/12

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: 7.868+/-113.551 χ^2/NDF : 7.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

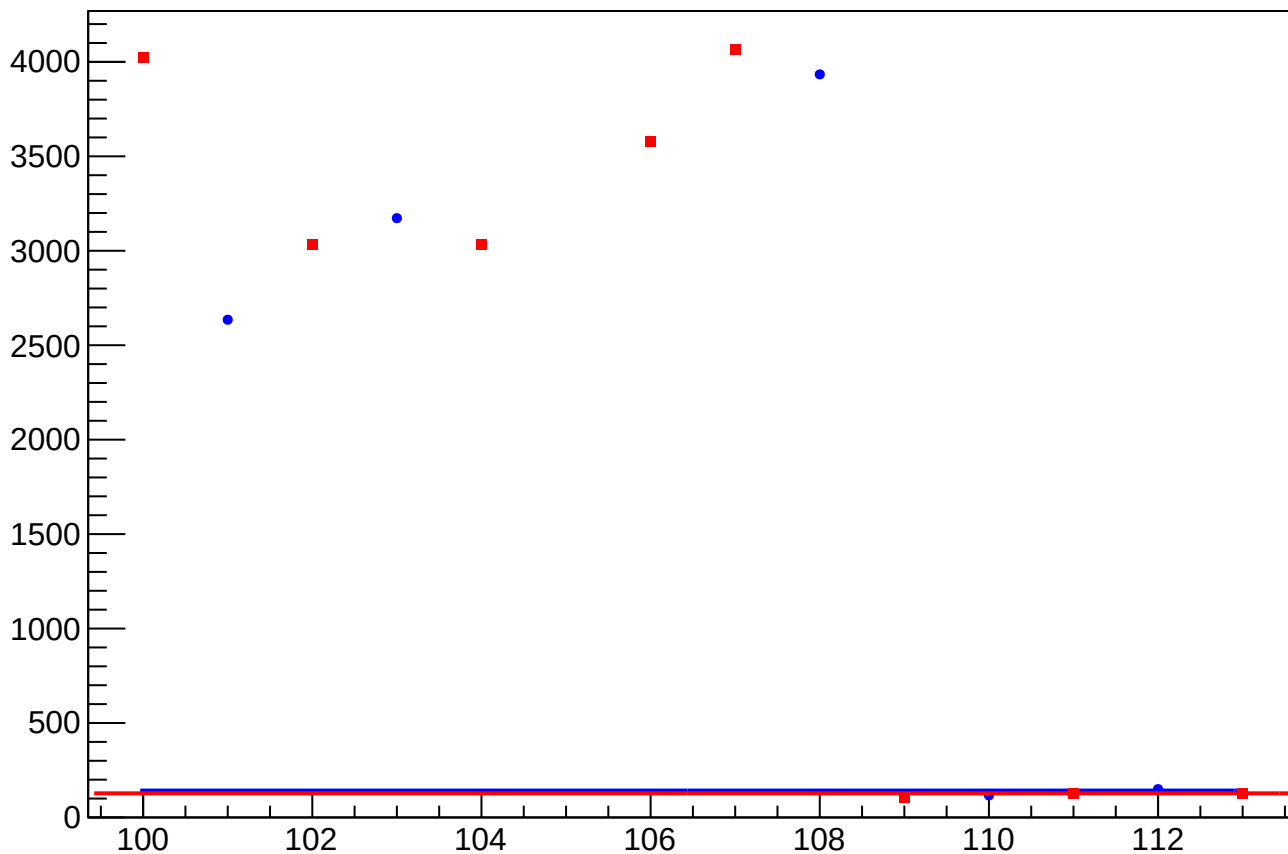
Right: 35.316+/-89.284 χ^2/NDF : 13.6/12

In: 79.770+/-144.509 χ^2/NDF : 5.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.316+/-89.284 χ^2/NDF : 13.6/12

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 142.301 $\pm$ 0.102 χ^2 /NDF: 3045820.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 127.765 $\pm$ 0.080 χ^2 /NDF: 3335604.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

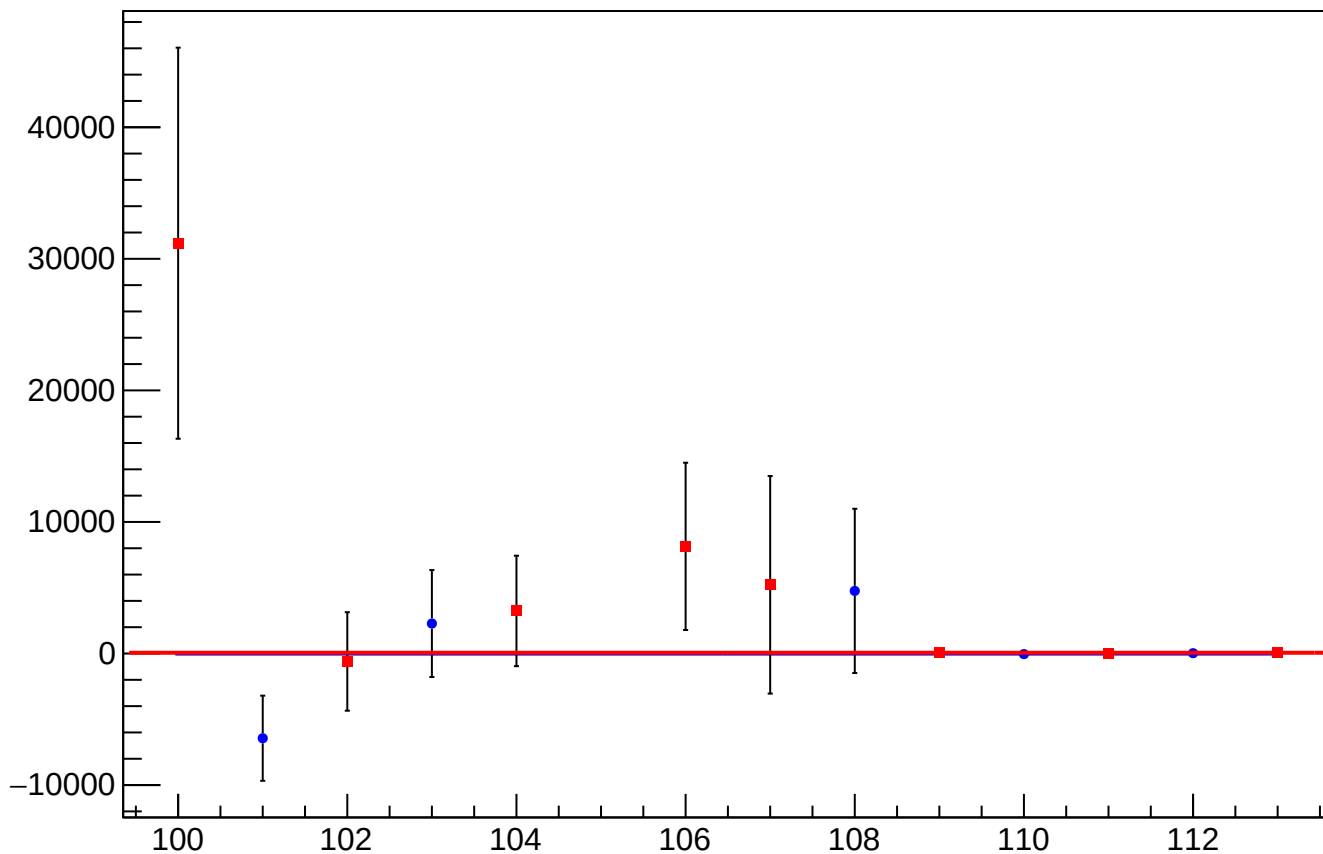
Right: 133.314 $\pm$ 0.063 χ^2 /NDF: 6393937.1/12

In: 142.301 $\pm$ 0.102 χ^2 /NDF:3045820.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 133.314 $\pm$ 0.063 χ^2 /NDF: 6393937.1/12

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: 57.599+/-24.530 χ^2/NDF : 9.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

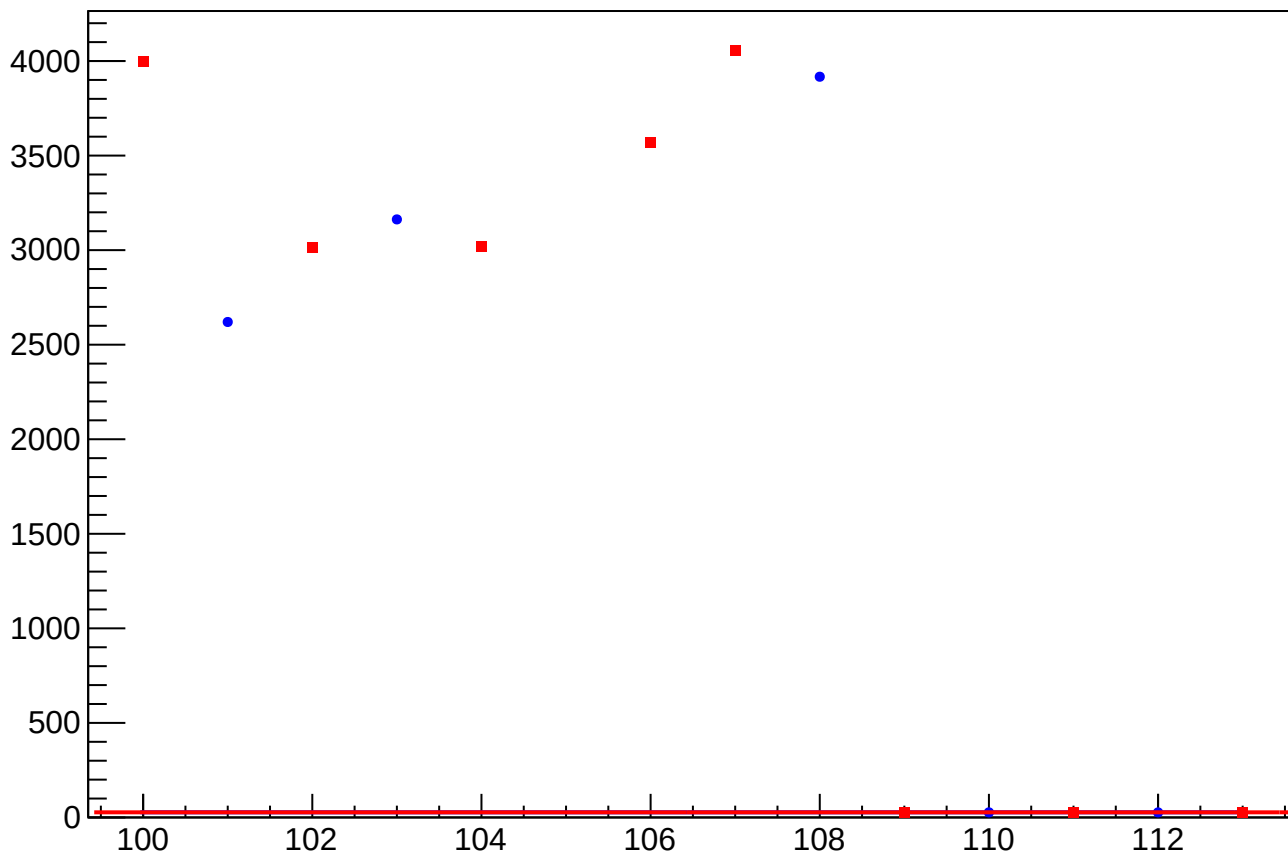
Right: 31.216+/-18.636 χ^2/NDF : 18.7/12

In: -4.797+/-28.659 χ^2/NDF : 6.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.216+/-18.636 χ^2/NDF : 18.7/12

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: 27.126+/-0.017 χ^2/NDF : 3531221.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

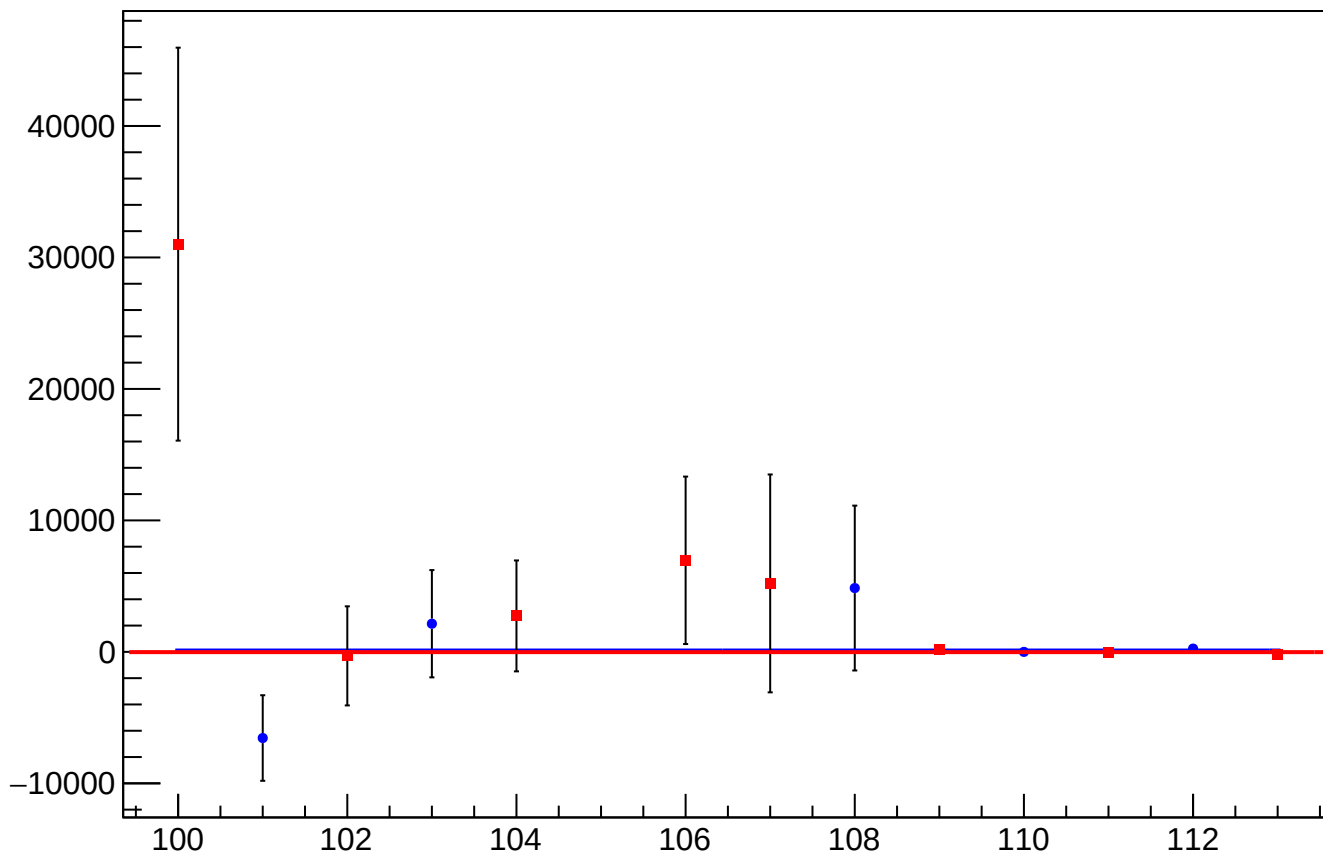
Right: 27.180+/-0.013 χ^2/NDF : 6781867.7/12

In: 27.255+/-0.020 χ^2/NDF : 3250623.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.180+/-0.013 χ^2/NDF : 6781867.7/12

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: -19.612+/-116.194 χ^2/NDF : 8.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

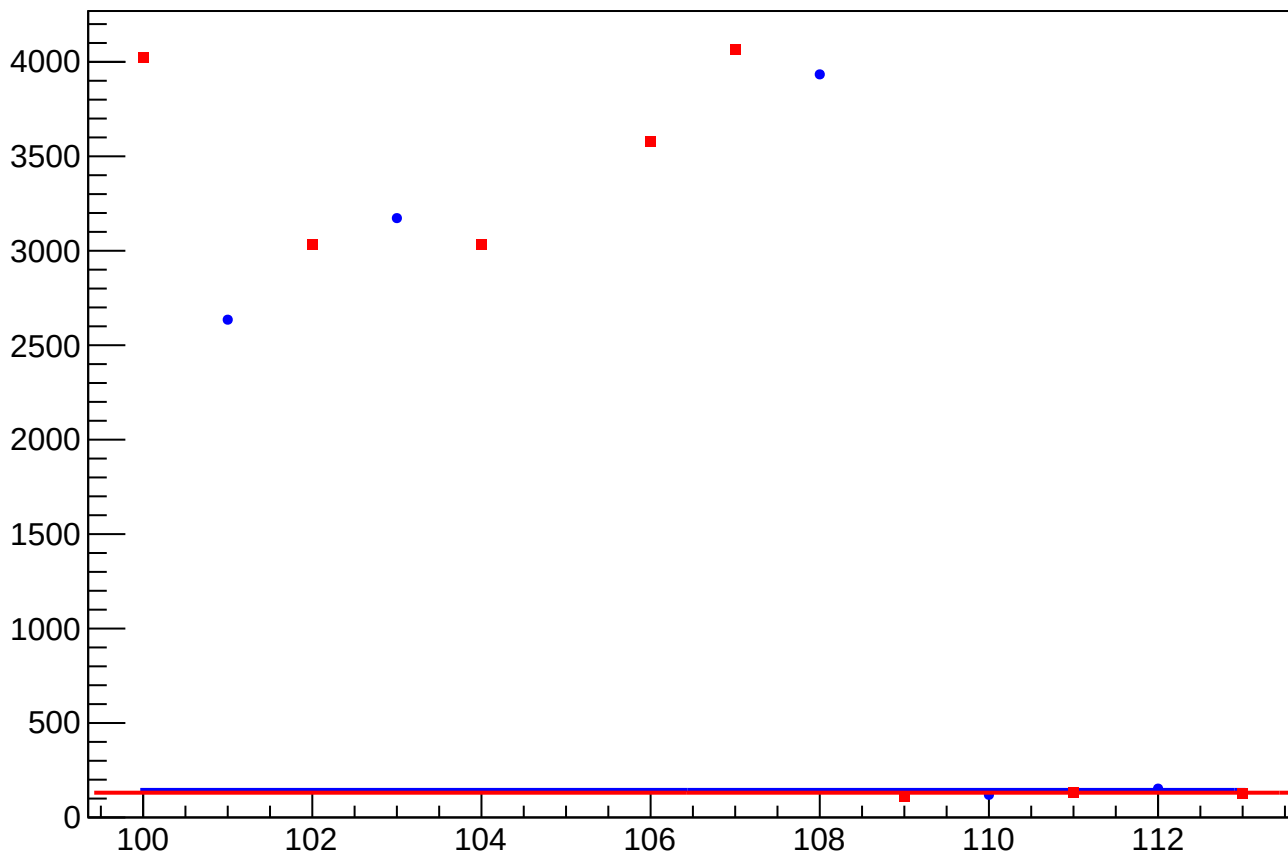
Right: 27.098+/-91.320 χ^2/NDF : 14.3/12

In: 102.562+/-147.689 χ^2/NDF : 5.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.098+/-91.320 χ^2/NDF : 14.3/12

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: 131.040 $\pm$ 0.082 χ^2 /NDF: 3327839.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

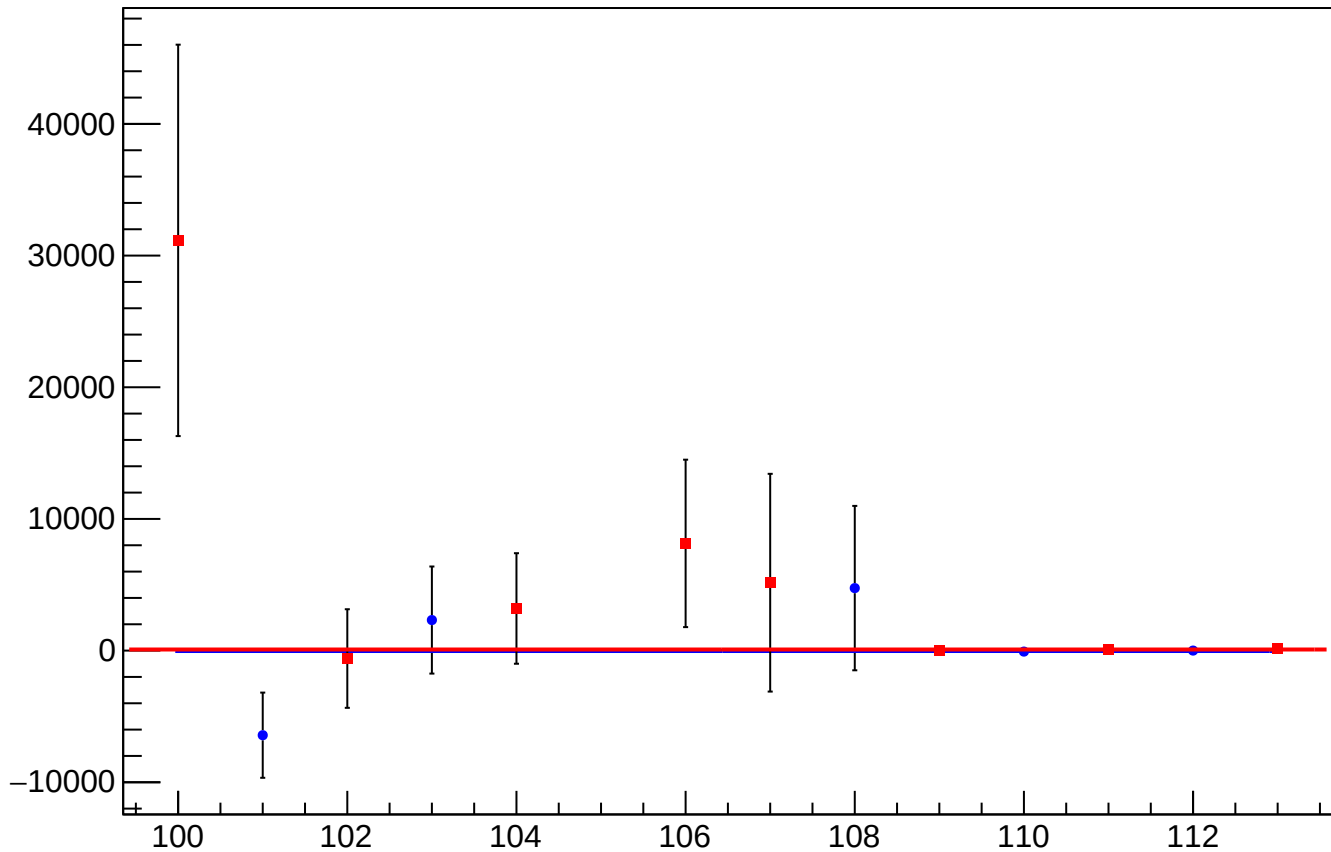
Right: 136.680 $\pm$ 0.065 χ^2 /NDF: 6377891.9/12

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: 136.680 $\pm$ 0.065 χ^2 /NDF: 6377891.9/12

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: 83.332 $\pm$ 30.443 χ^2 /NDF: 9.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

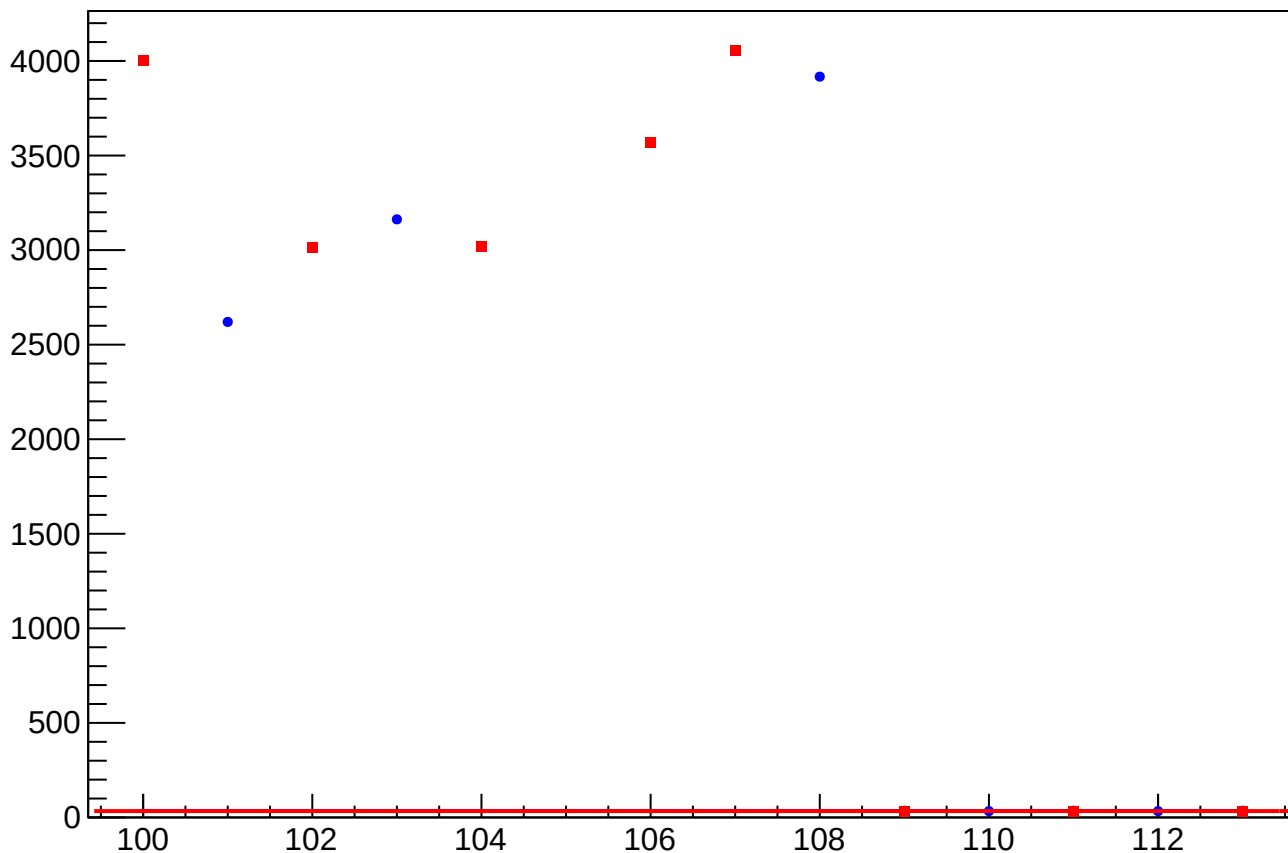
Right: 34.980 $\pm$ 23.179 χ^2 /NDF: 21.2/12

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: 34.980 $\pm$ 23.179 χ^2 /NDF: 21.2/12

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: 33.782+/-0.022 χ^2/NDF : 3516883.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

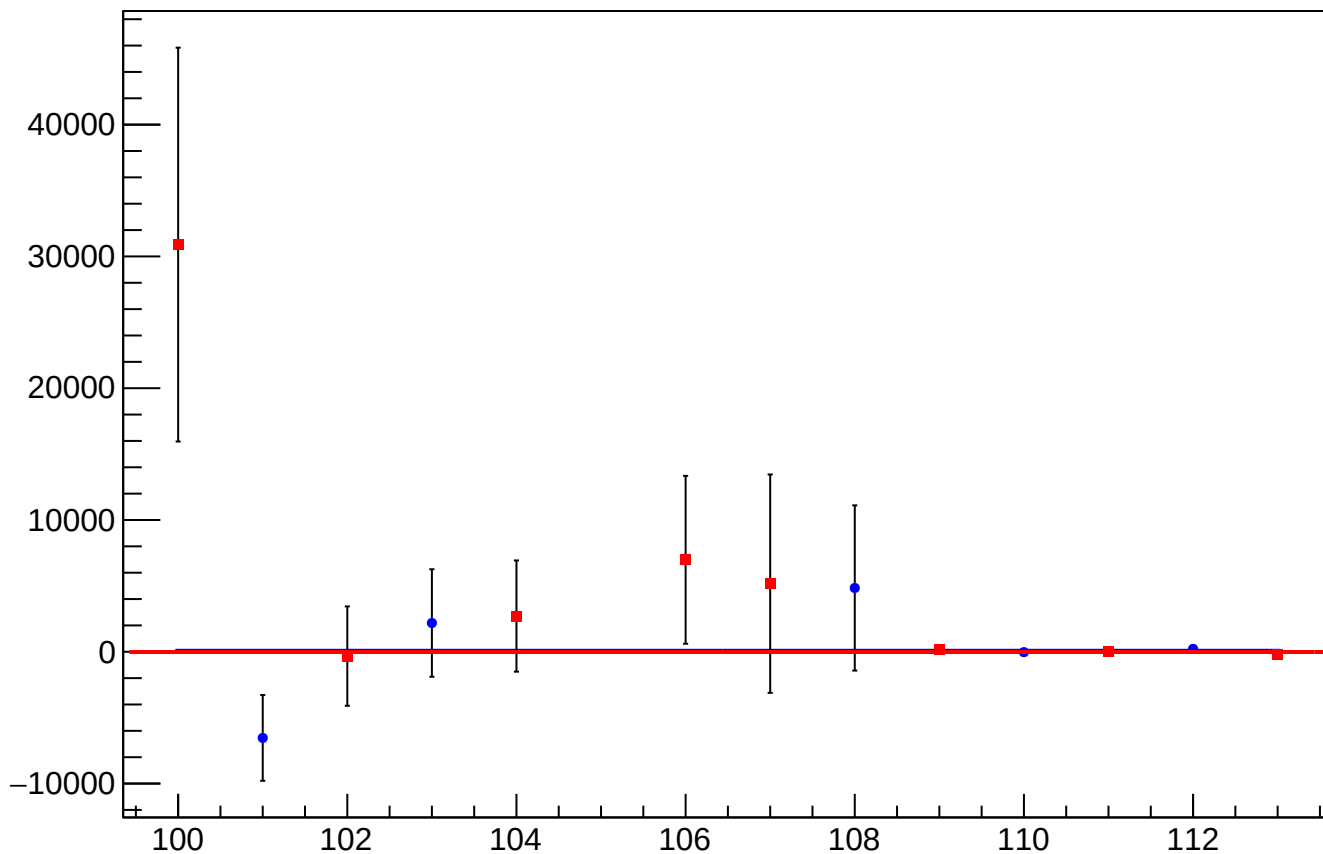
Right: 33.939+/-0.016 χ^2/NDF : 6753080.4/12

In: 34.155+/-0.025 χ^2/NDF : 3236070.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.939+/-0.016 χ^2/NDF : 6753080.4/12

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 74.662+/-145.607 χ^2/NDF : 5.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.300+/-114.535 χ^2/NDF : 8.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

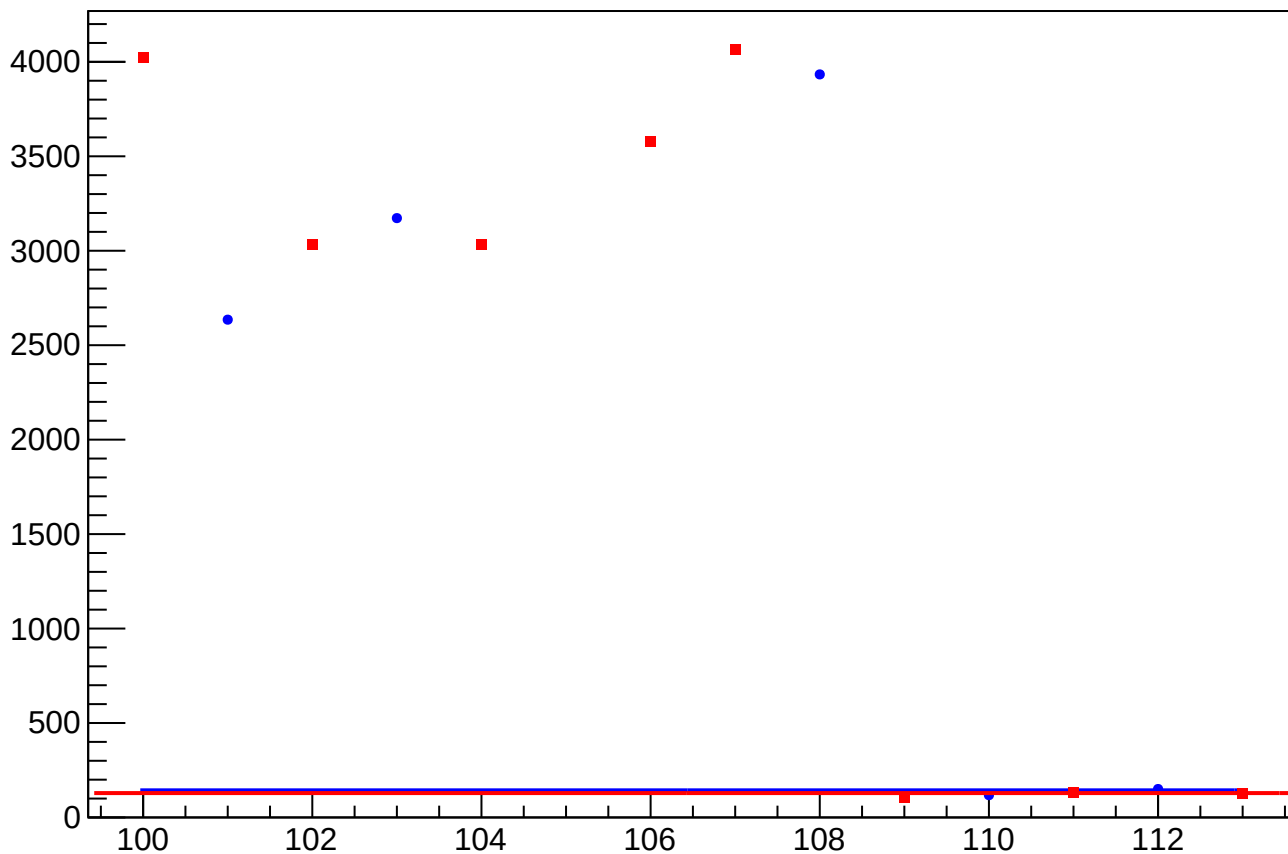
Right: 17.851+/-90.022 χ^2/NDF : 13.9/12

In: 74.662+/-145.607 χ^2/NDF : 5.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.851+/-90.022 χ^2/NDF : 13.9/12

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: 129.032+/-0.081 χ^2/NDF : 3332204.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

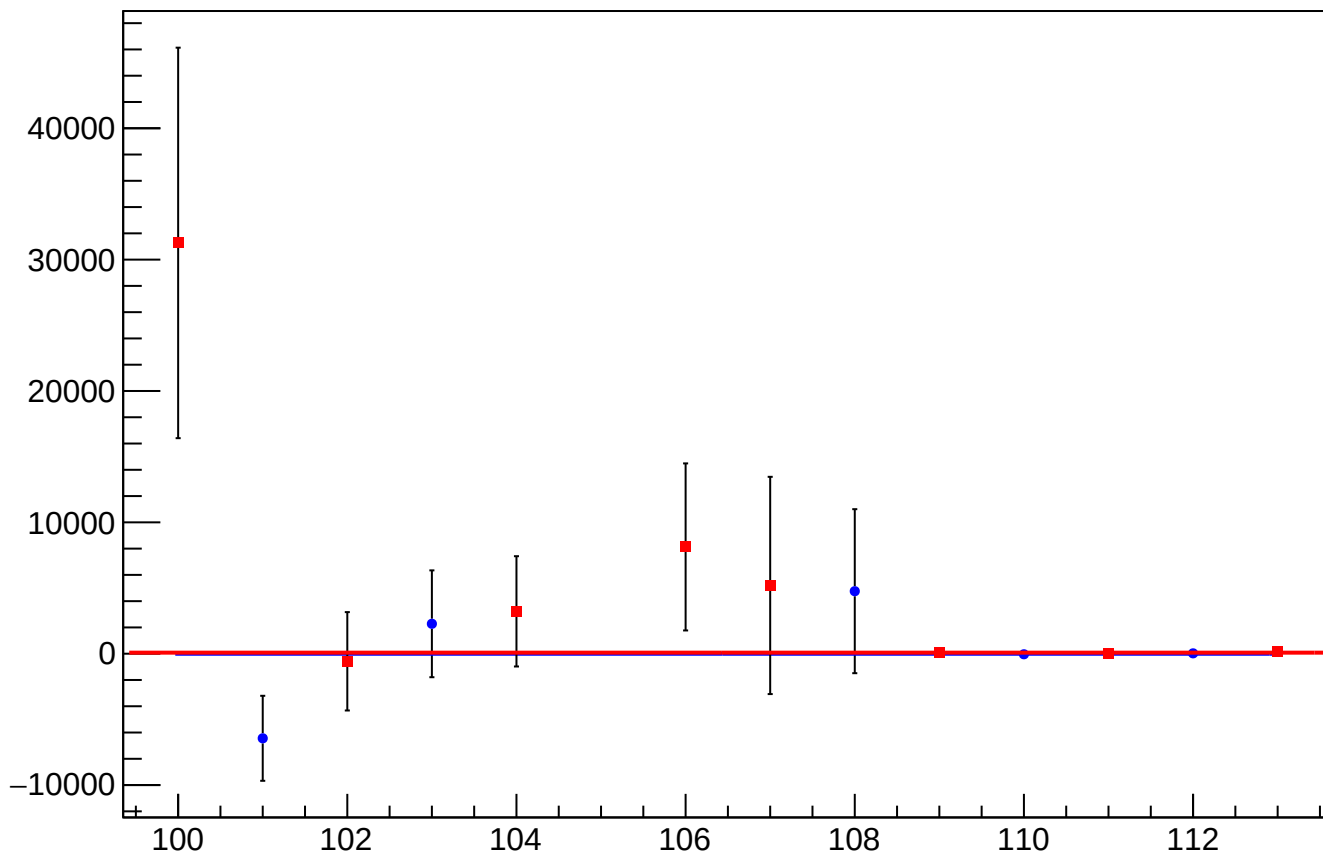
Right: 134.581+/-0.064 χ^2/NDF : 6386740.4/12

In: 143.550+/-0.103 χ^2/NDF : 3042252.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.581+/-0.064 χ^2/NDF : 6386740.4/12

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: 79.958+/-28.510 χ^2/NDF : 10.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

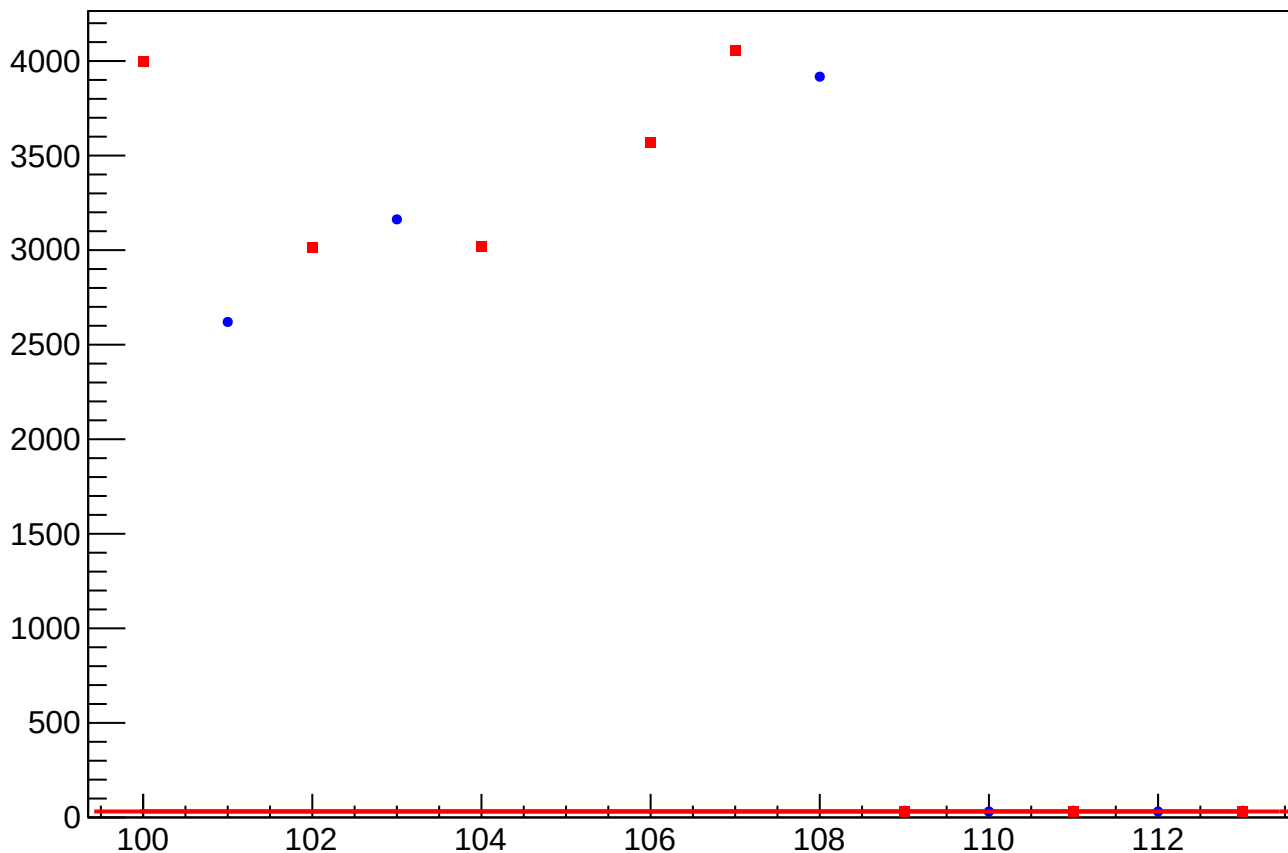
Right: 44.972+/-21.723 χ^2/NDF : 19.6/12

In: -3.455+/-33.542 χ^2/NDF : 6.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.972+/-21.723 χ^2/NDF : 19.6/12

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: 31.606+/-0.020 χ^2/NDF : 3521659.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

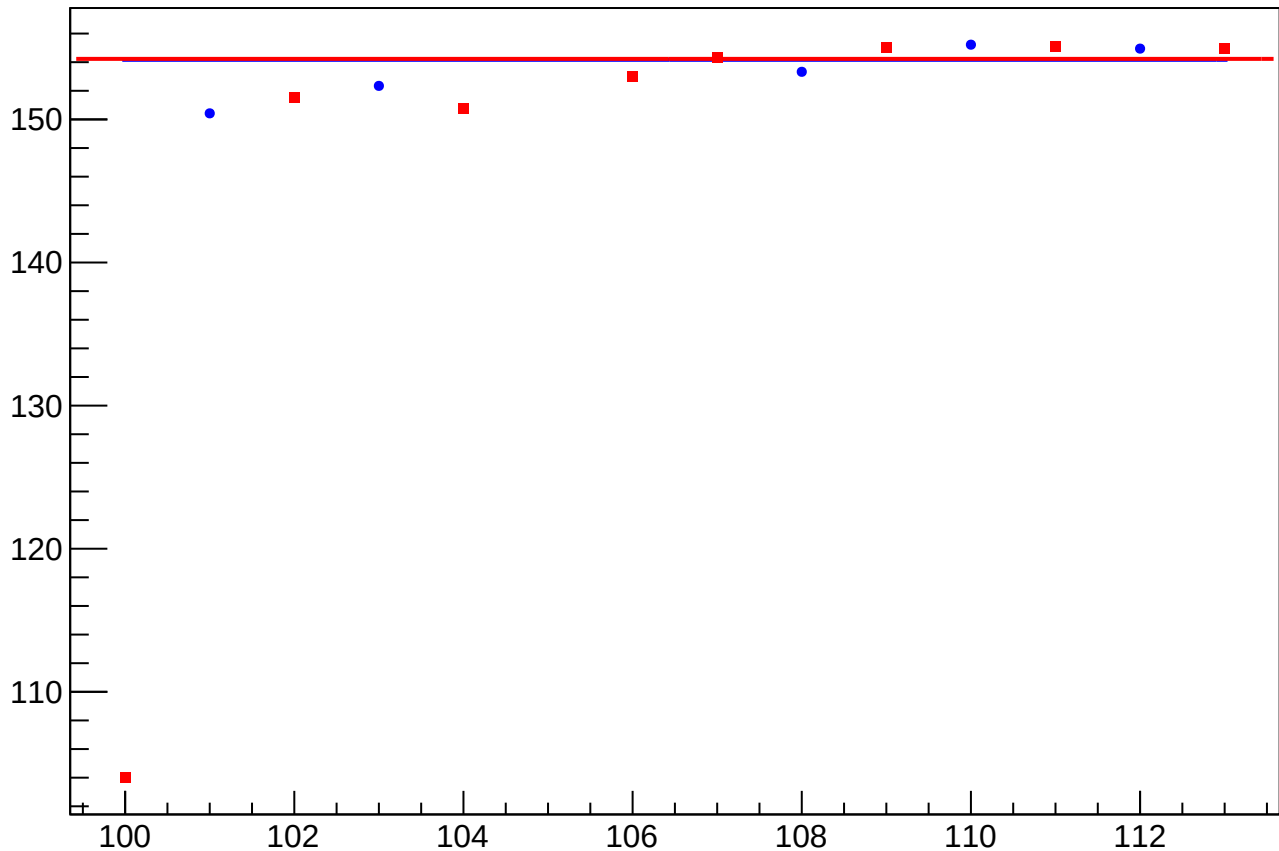
Right: 31.773+/-0.015 χ^2/NDF : 6762422.8/12

In: 32.003+/-0.024 χ^2/NDF : 3240601.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.773+/-0.015 χ^2/NDF : 6762422.8/12

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: 154.231+/-0.000 χ^2/NDF : 249427452.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

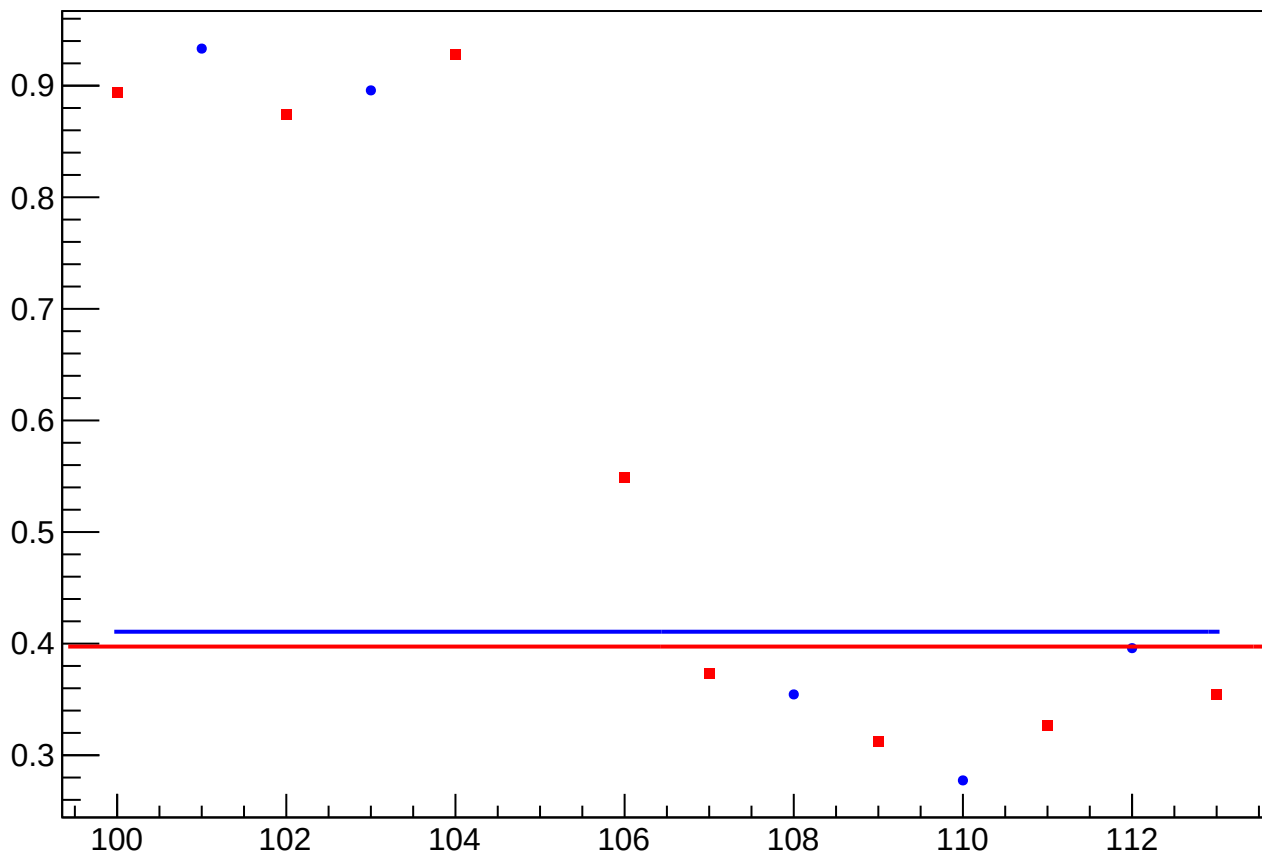
Right: 154.204+/-0.000 χ^2/NDF : 270392849.8/12

In: 154.166+/-0.000 χ^2/NDF : 20937415.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.204+/-0.000 χ^2/NDF : 270392849.8/12

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: 0.397+/-0.000 χ^2/NDF : 915211.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

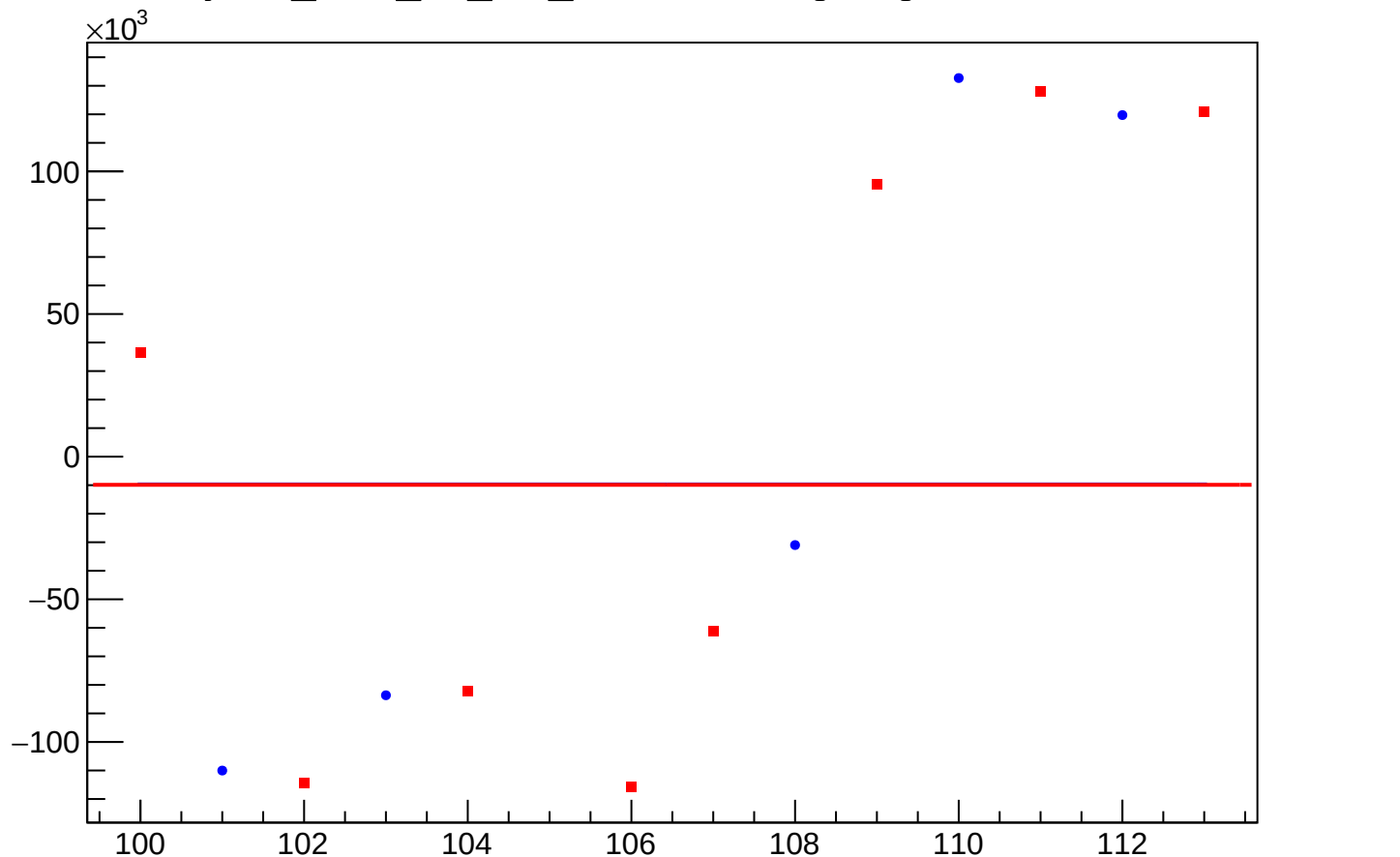
Right: 0.403+/-0.000 χ^2/NDF : 1822359.7/12

In: 0.411+/-0.000 χ^2/NDF : 904777.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

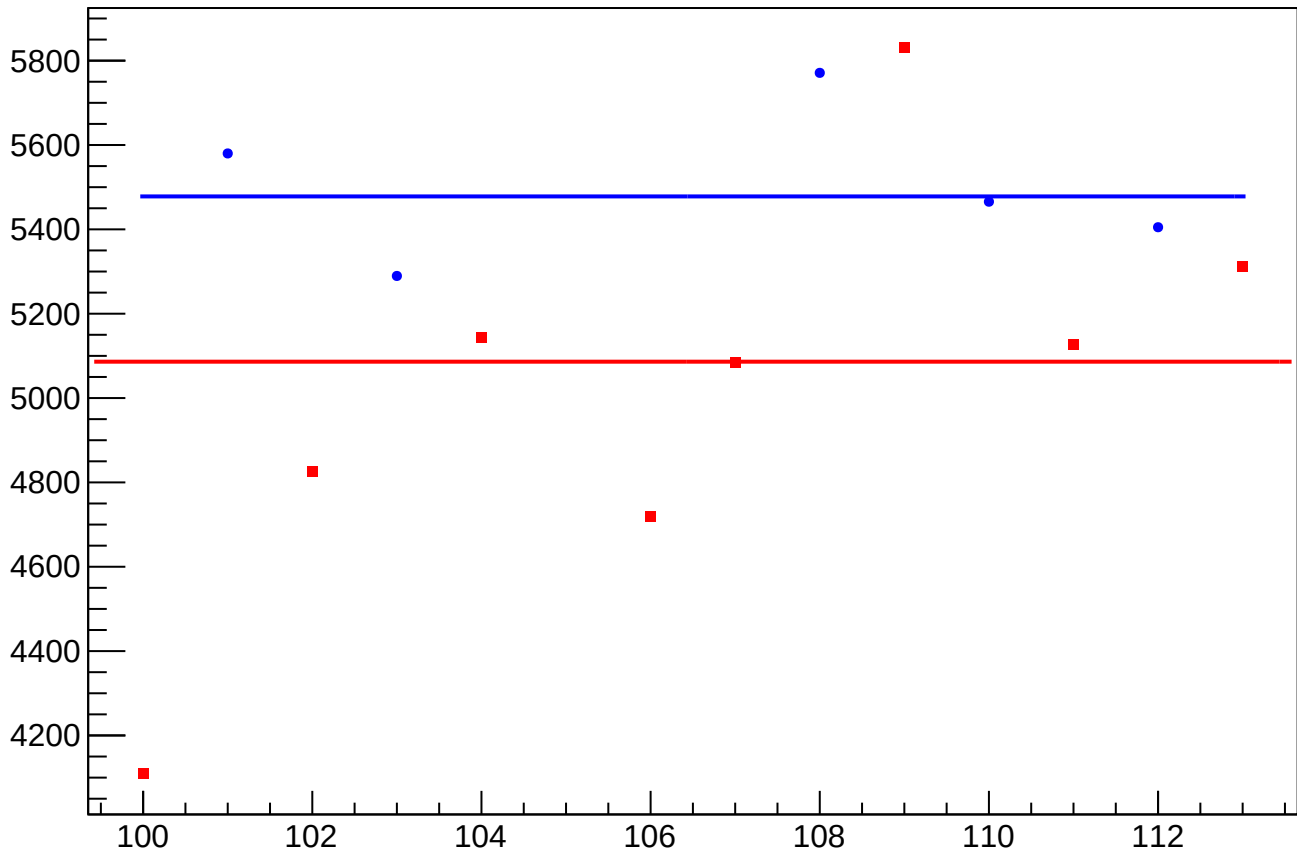
All: 0.403+/-0.000 χ^2/NDF : 1822359.7/12

yield_bcm_an_diff_mean vs Slug, Sign Corrected



Right In: -9746.486 $\pm$ 3.531 χ^2 /NDF: 836115646.9/4
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -9873.084 $\pm$ 2.884 χ^2 /NDF: 1338130269.9/7
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -9822.414 $\pm$ 2.234 χ^2 /NDF: 2174246687.9/1
 In: -9746.486 $\pm$ 3.531 χ^2 /NDF:836115646.9/4
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -9822.414 $\pm$ 2.234 χ^2 /NDF: 2174246687

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: 5086.243+/-2.040 χ^2/NDF : 33820.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

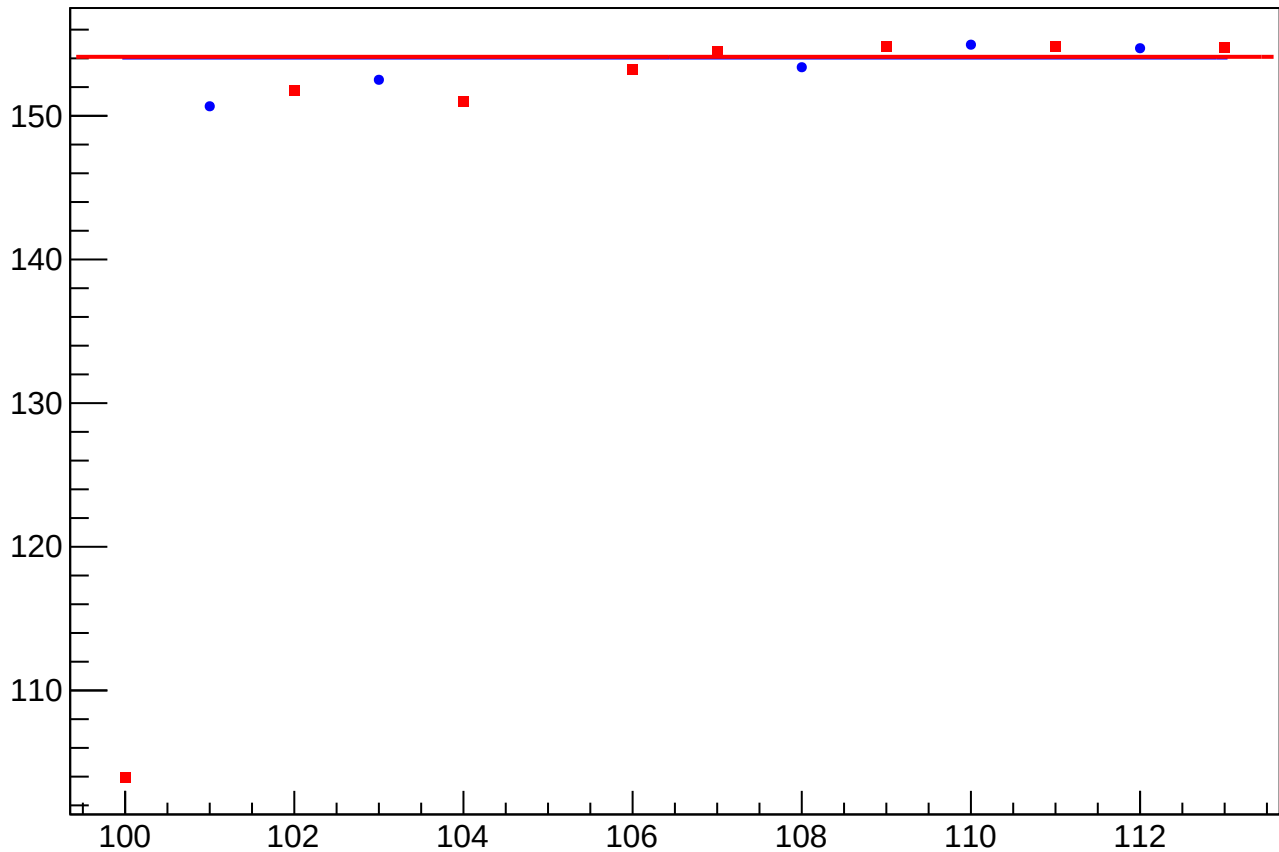
Right: 5243.079+/-1.580 χ^2/NDF : 52552.6/12

In: 5478.099+/-2.497 χ^2/NDF : 3958.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5243.079+/-1.580 χ^2/NDF : 52552.6/12

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: 154.108+/-0.000 χ^2/NDF : 244713146.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

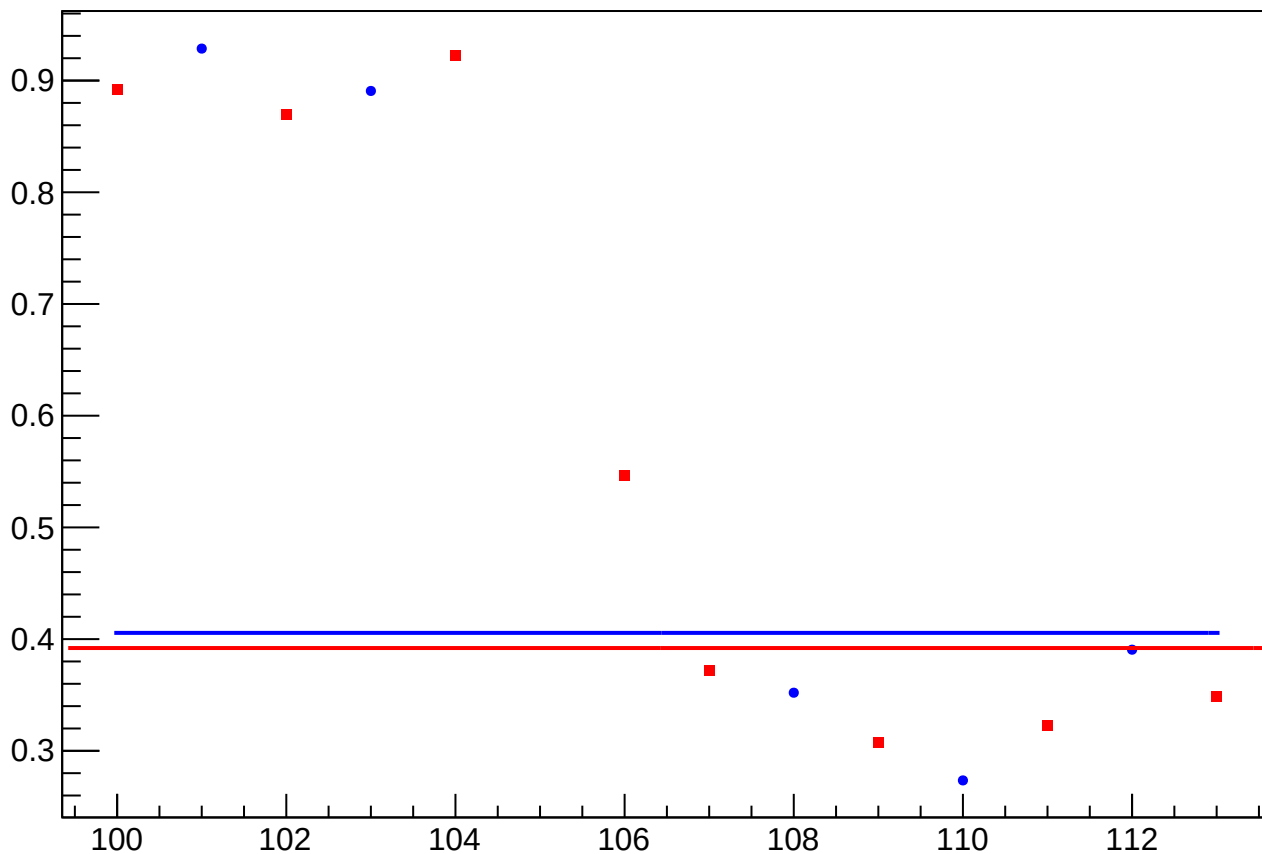
Right: 154.087+/-0.000 χ^2/NDF : 260890997.4/12

In: 154.058+/-0.000 χ^2/NDF : 16160822.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.087+/-0.000 χ^2/NDF : 260890997.4/12

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: 0.392+/-0.000 χ^2/NDF : 928002.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

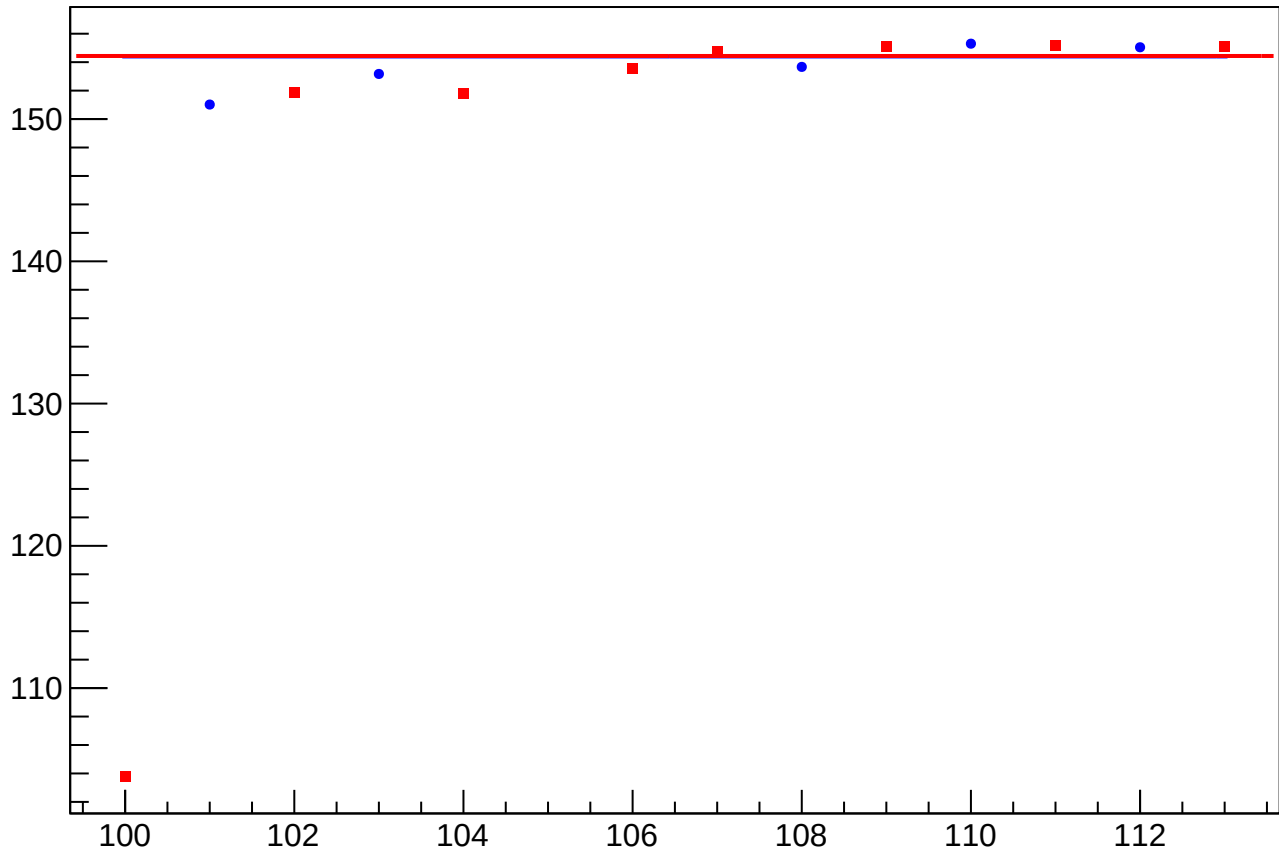
Right: 0.398+/-0.000 χ^2/NDF : 1844383.2/12

In: 0.406+/-0.000 χ^2/NDF : 913859.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.398+/-0.000 χ^2/NDF : 1844383.2/12

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: 154.434+/-0.000 χ^2/NDF : 244485822.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

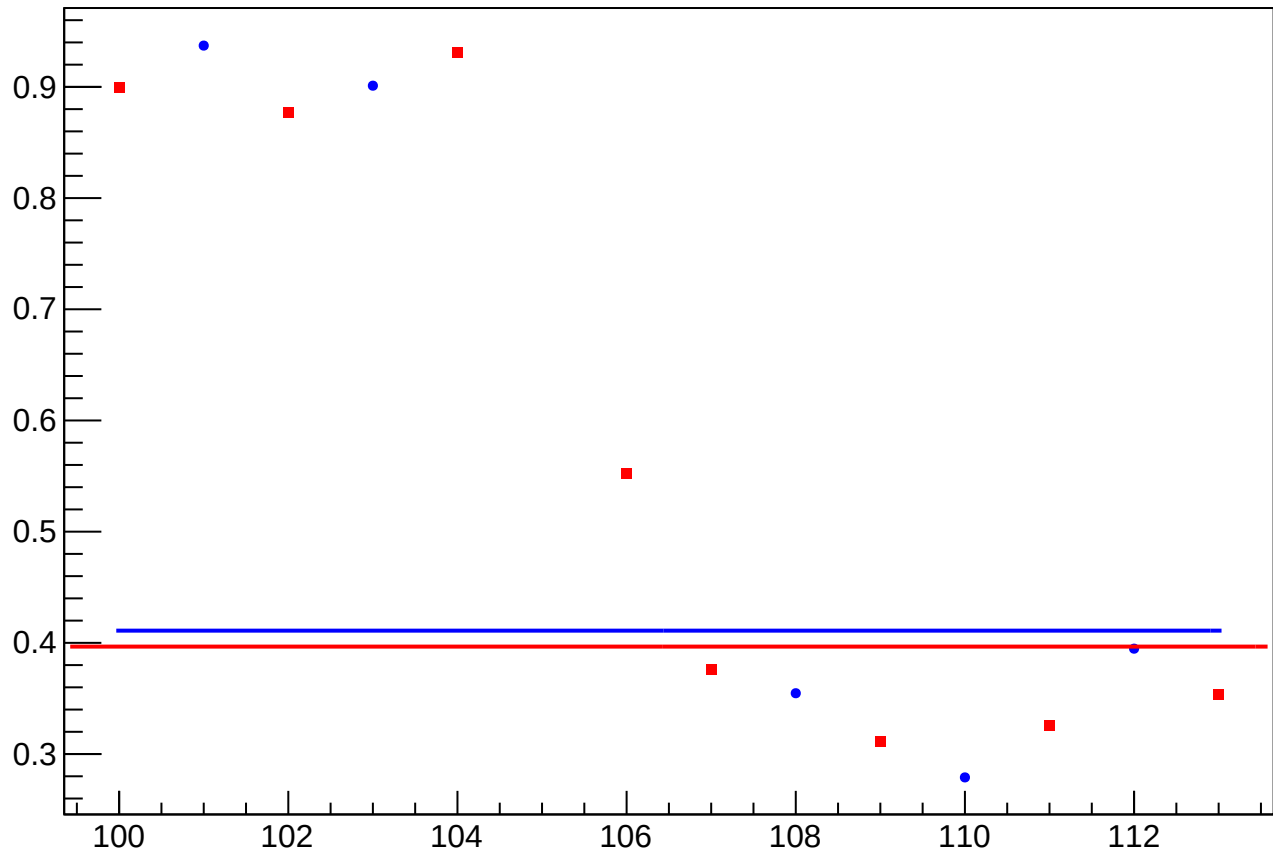
Right: 154.421+/-0.000 χ^2/NDF : 259850828.9/12

In: 154.402+/-0.000 χ^2/NDF : 15357899.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.421+/-0.000 χ^2/NDF : 259850828.9/12

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: 0.397+/-0.000 χ^2/NDF : 924565.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

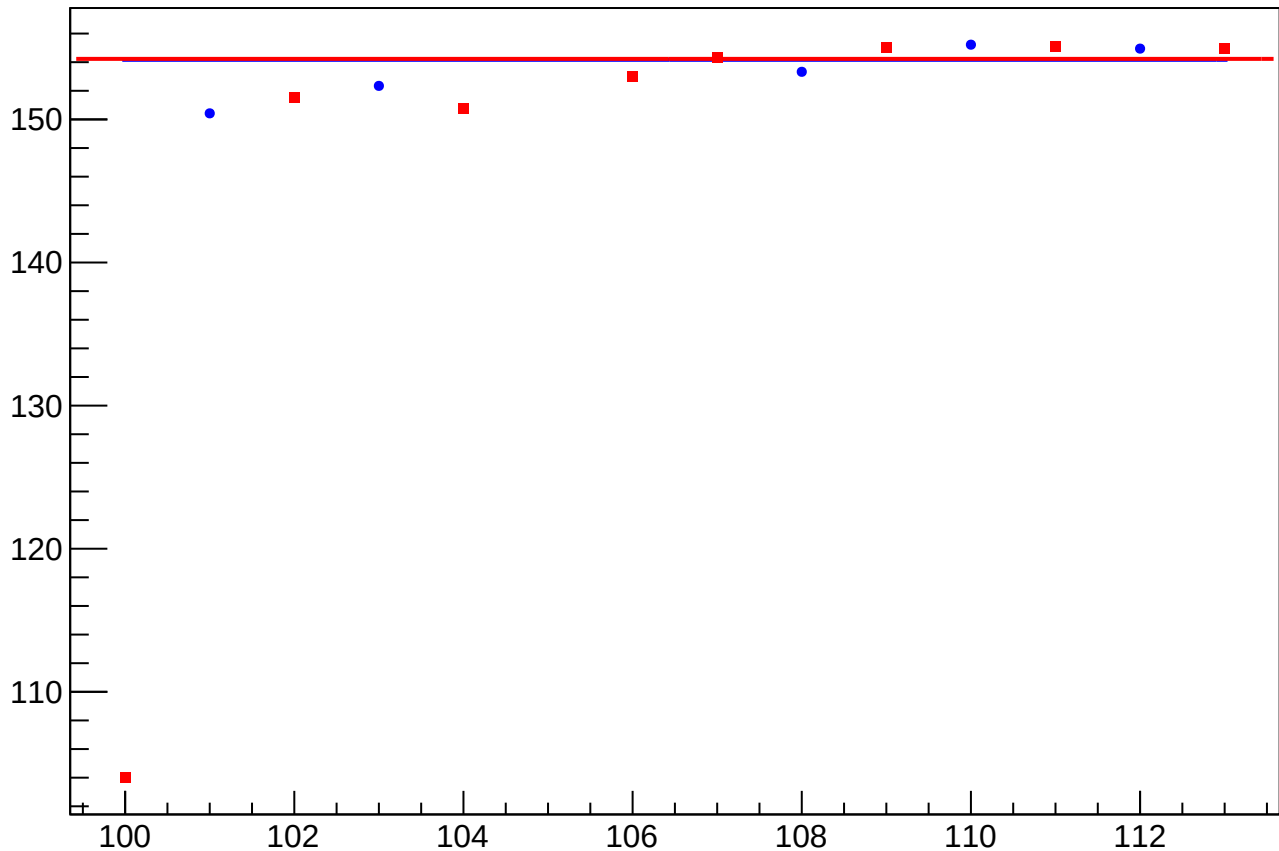
Right: 0.402+/-0.000 χ^2/NDF : 1834646.4/12

In: 0.411+/-0.000 χ^2/NDF : 907322.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.402+/-0.000 χ^2/NDF : 1834646.4/12

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: 154.231+/-0.000 χ^2/NDF : 249427452.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

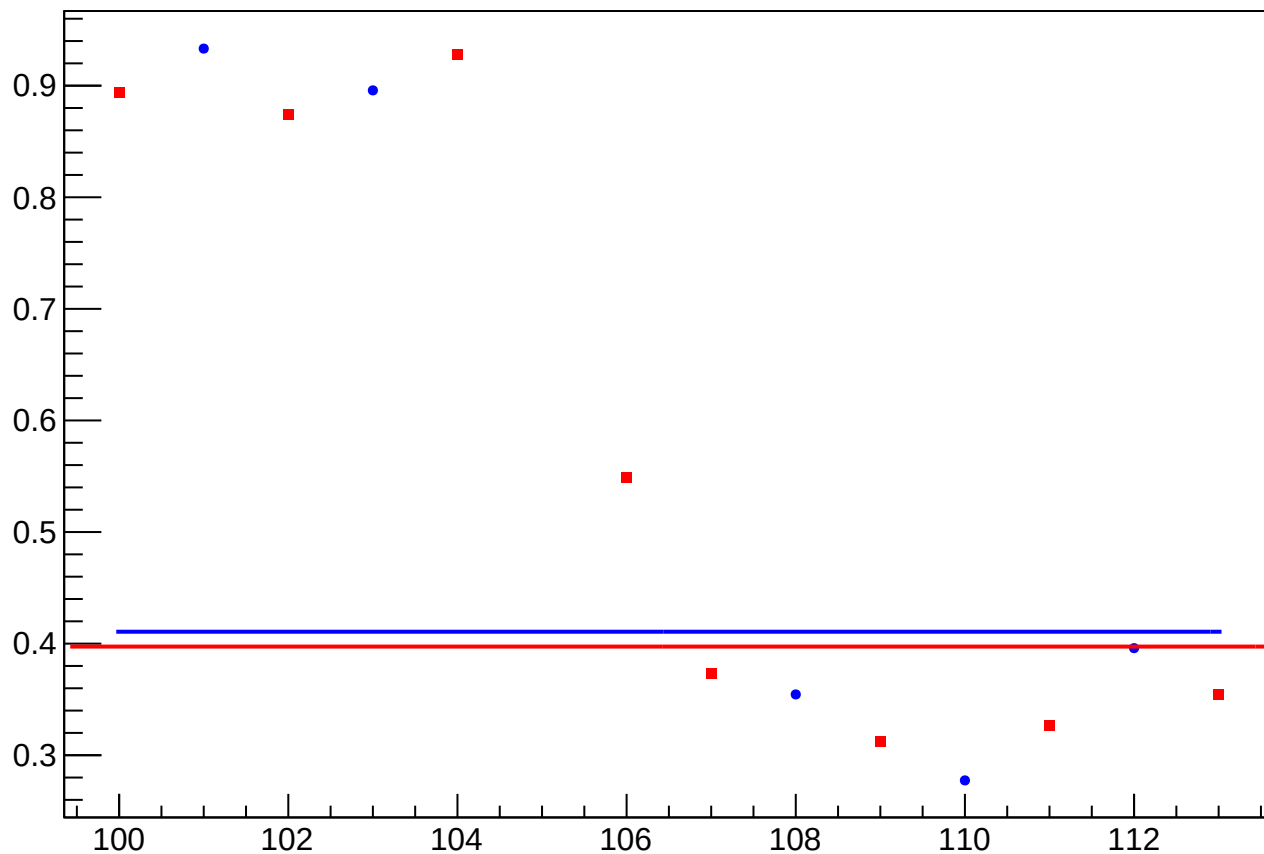
Right: 154.204+/-0.000 χ^2/NDF : 270392849.8/12

In: 154.166+/-0.000 χ^2/NDF : 20937415.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.204+/-0.000 χ^2/NDF : 270392849.8/12

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: 0.397+/-0.000 χ^2/NDF : 915211.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

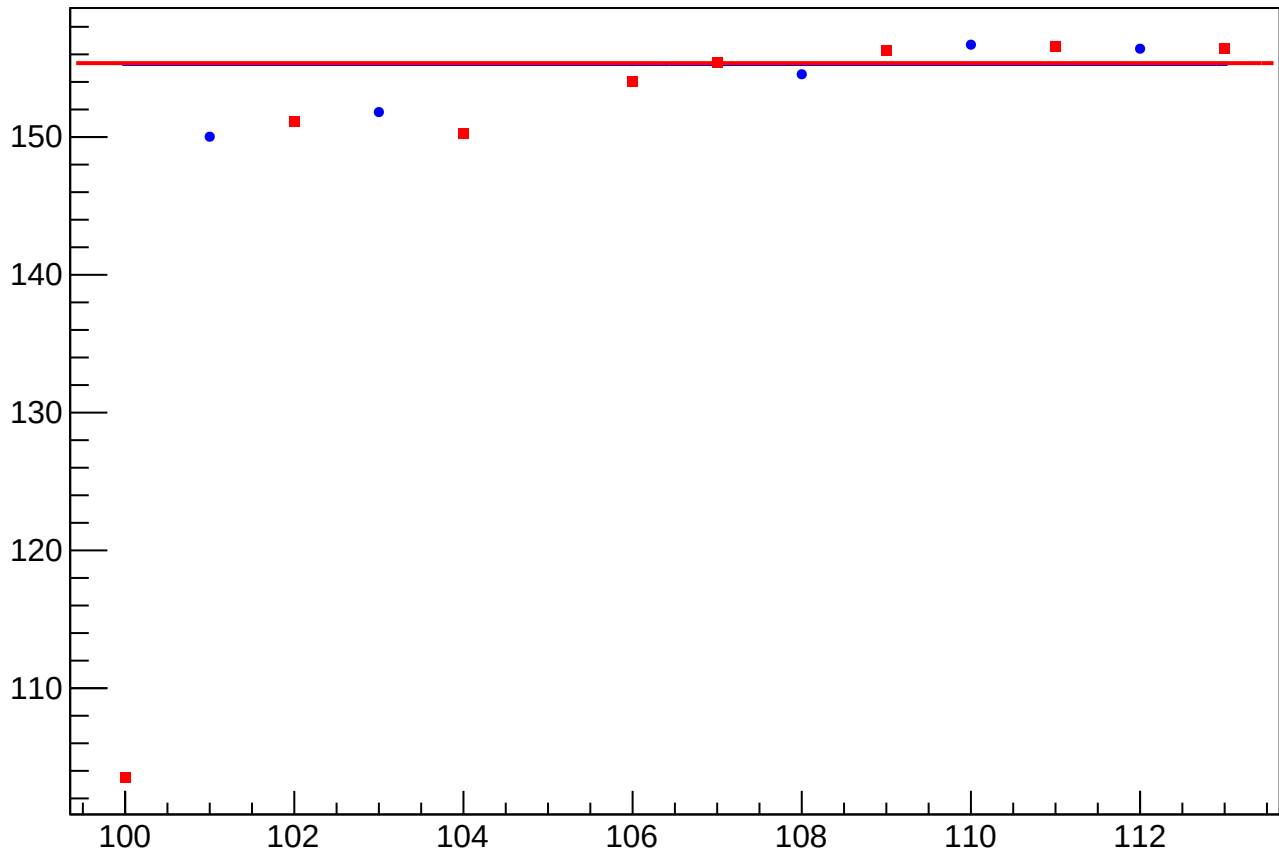
Right: 0.403+/-0.000 χ^2/NDF : 1822359.7/12

In: 0.411+/-0.000 χ^2/NDF : 904777.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.403+/-0.000 χ^2/NDF : 1822359.7/12

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: 155.364+/-0.000 χ^2/NDF : 283864492.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

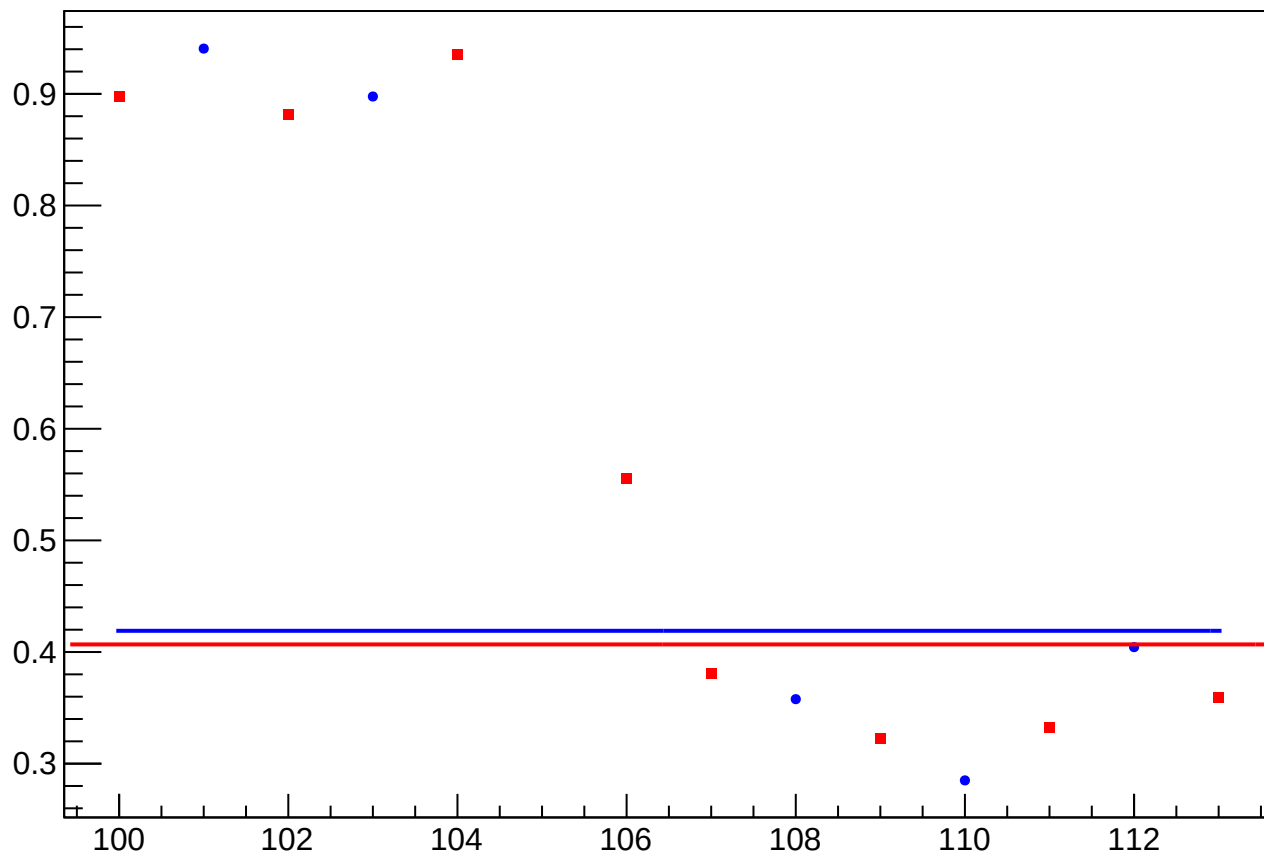
Right: 155.338+/-0.000 χ^2/NDF : 325309799.3/12

In: 155.301+/-0.000 χ^2/NDF : 41419564.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.338+/-0.000 χ^2/NDF : 325309799.3/12

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: 0.407+/-0.000 χ^2/NDF : 892323.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

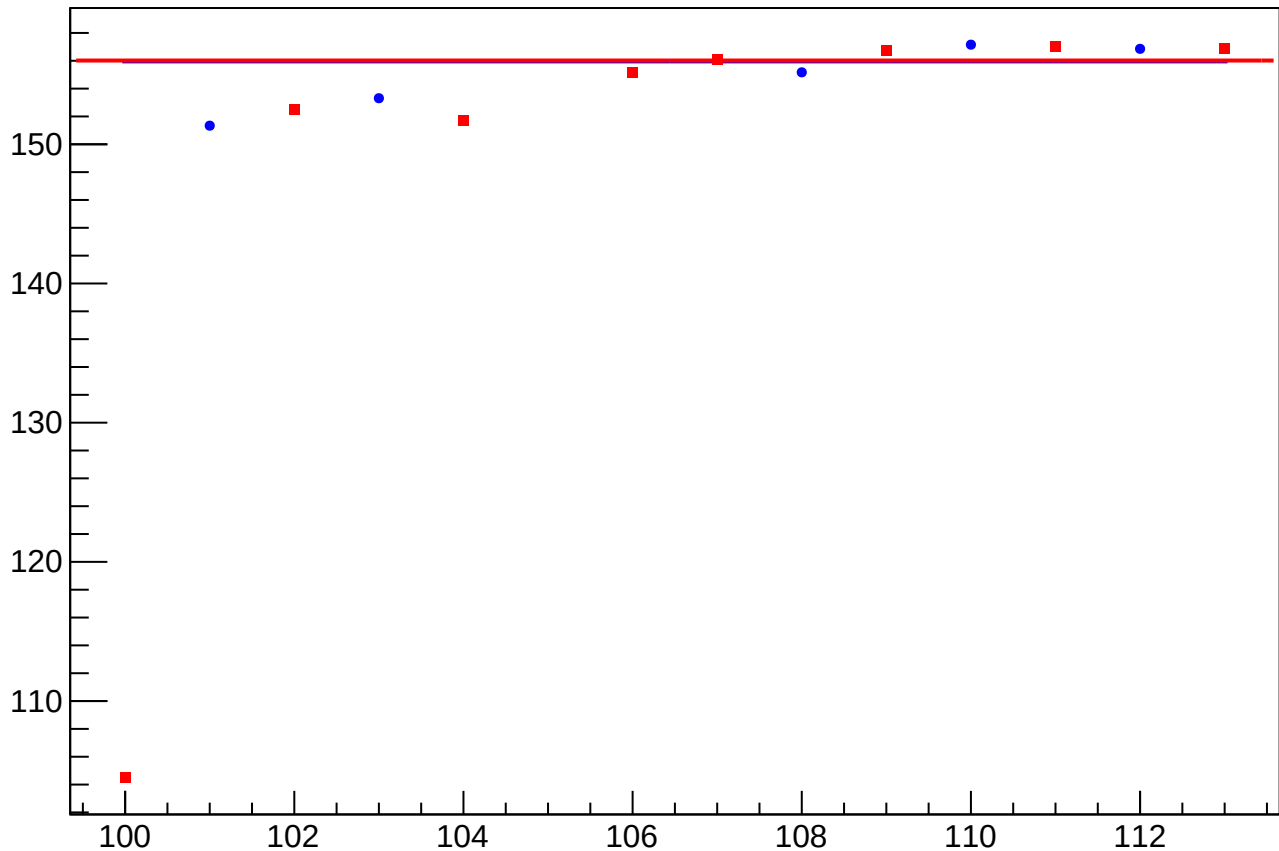
Right: 0.412+/-0.000 χ^2/NDF : 1778762.5/12

In: 0.419+/-0.000 χ^2/NDF : 884524.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.412+/-0.000 χ^2/NDF : 1778762.5/12

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: 156.018+/-0.000 χ^2/NDF : 260975840.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

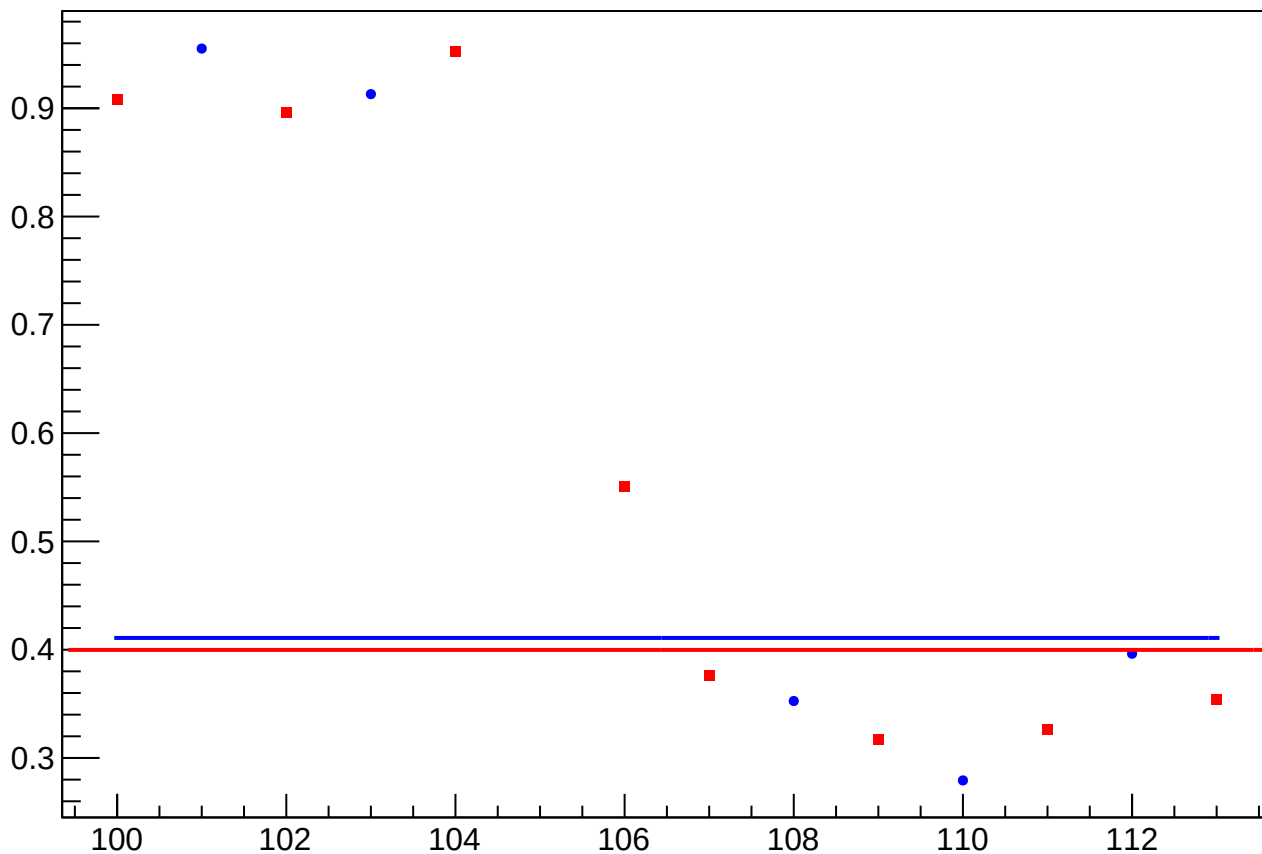
Right: 155.993+/-0.000 χ^2/NDF : 290697385.8/12

In: 155.956+/-0.000 χ^2/NDF : 29696311.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.993+/-0.000 χ^2/NDF : 290697385.8/12

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: 0.400+/-0.000 χ^2/NDF : 934767.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

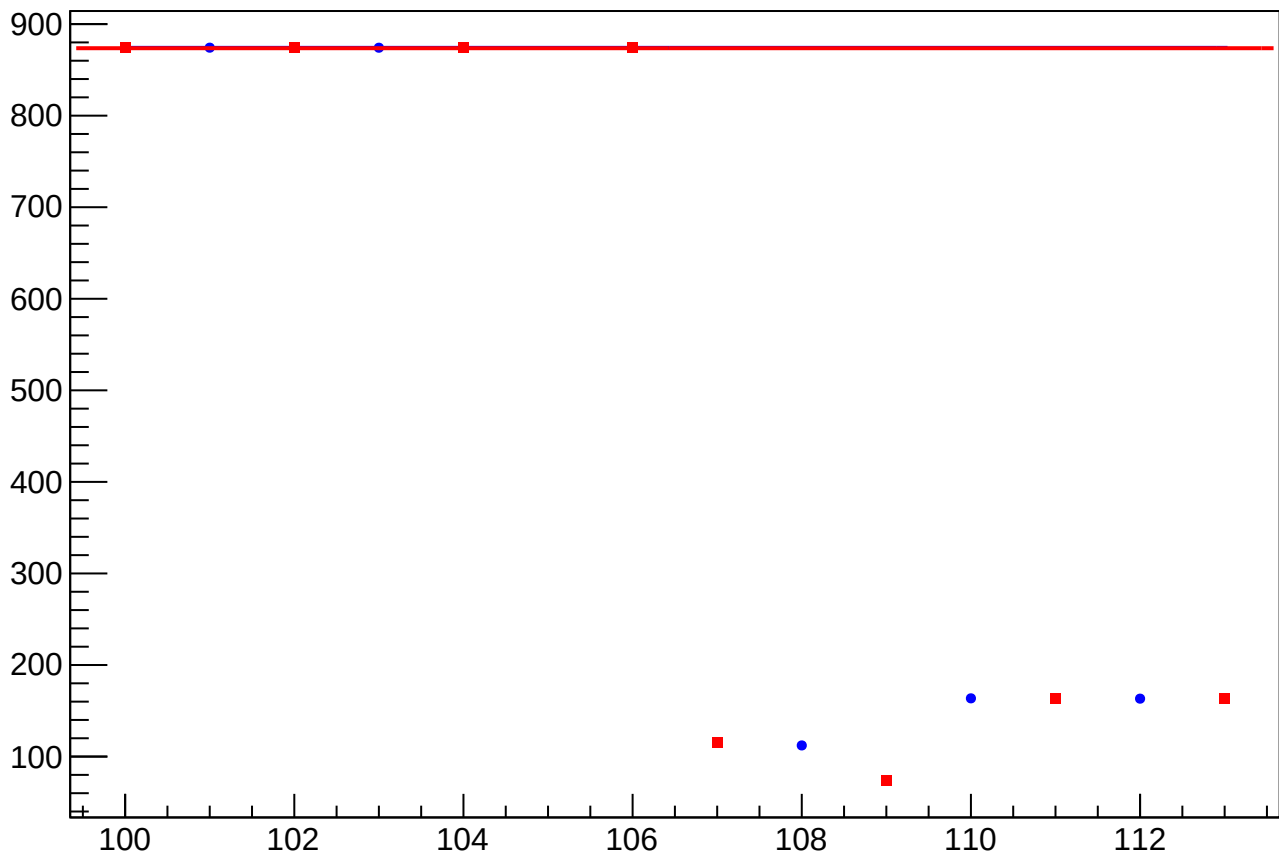
Right: 0.404+/-0.000 χ^2/NDF : 1863331.6/12

In: 0.411+/-0.000 χ^2/NDF : 926942.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

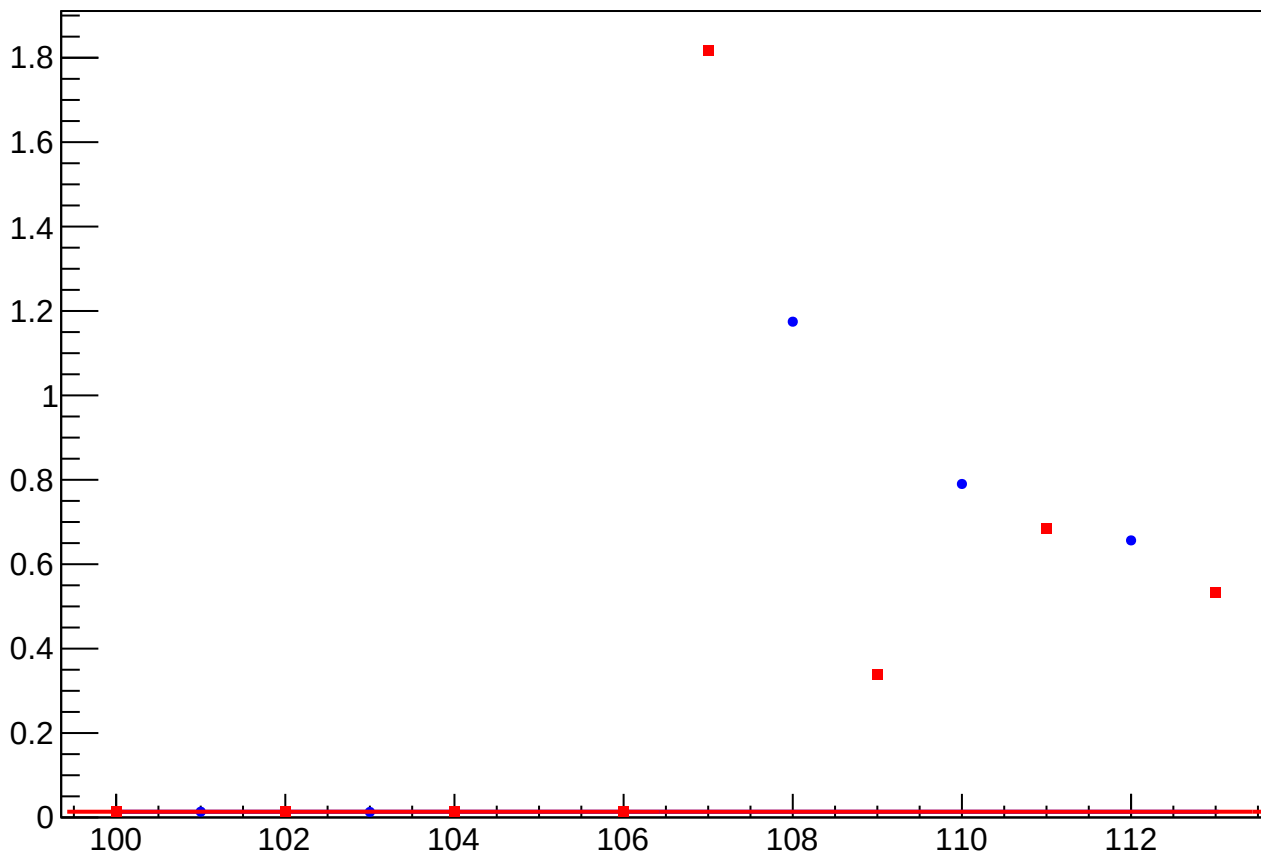
All: 0.404+/-0.000 χ^2/NDF : 1863331.6/12

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: 873.663 $\pm$ 0.000 χ^2 /NDF: 3285944106398.6/7
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
All: 873.838 $\pm$ 0.000 χ^2 /NDF: 4238252181828.6/7

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: 0.014+/-0.000 χ^2/NDF : 2615749.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

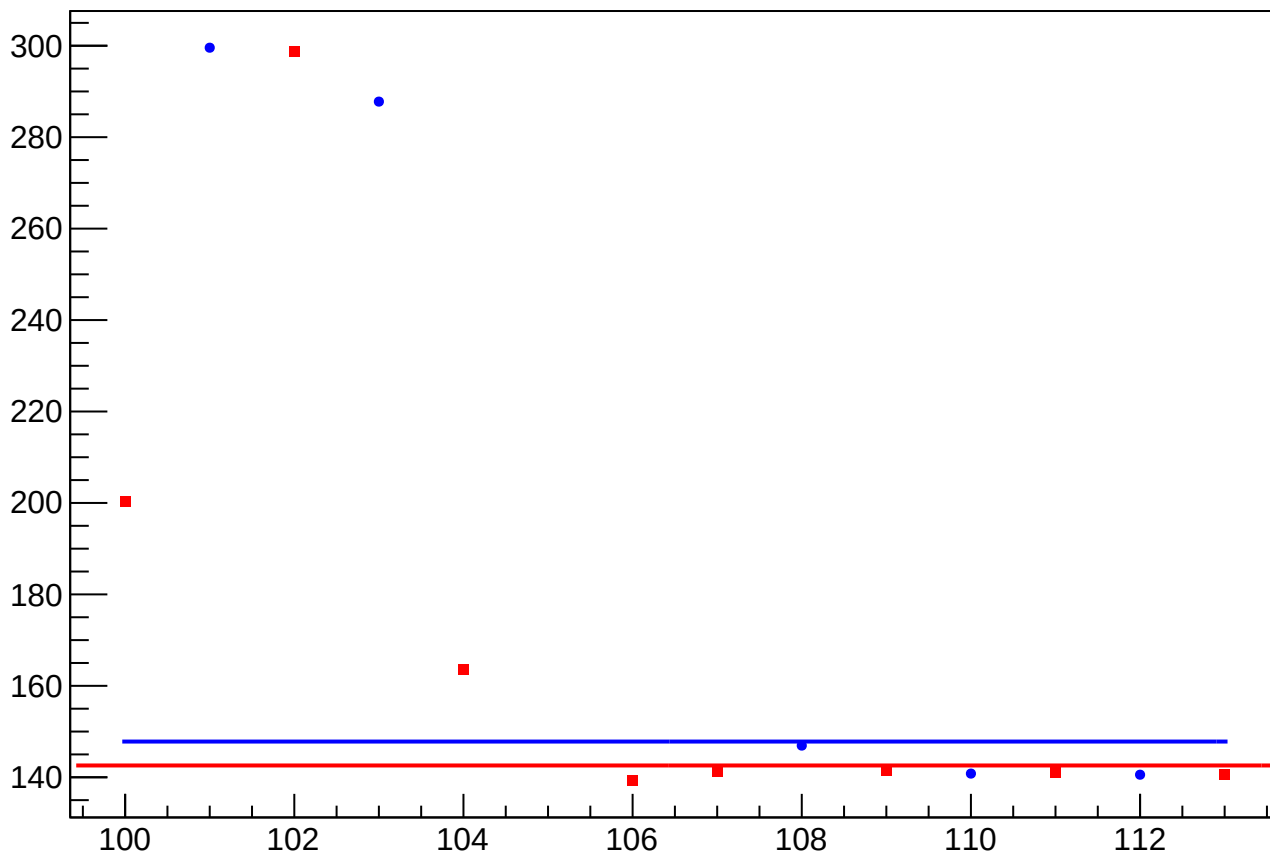
Right: 0.014+/-0.000 χ^2/NDF : 4765637.4/12

In: 0.014+/-0.000 χ^2/NDF : 2149846.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 4765637.4/12

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 147.813 $\pm$ 0.001 χ^2 /NDF: 578702643.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 142.582 $\pm$ 0.001 χ^2 /NDF: 215728575.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

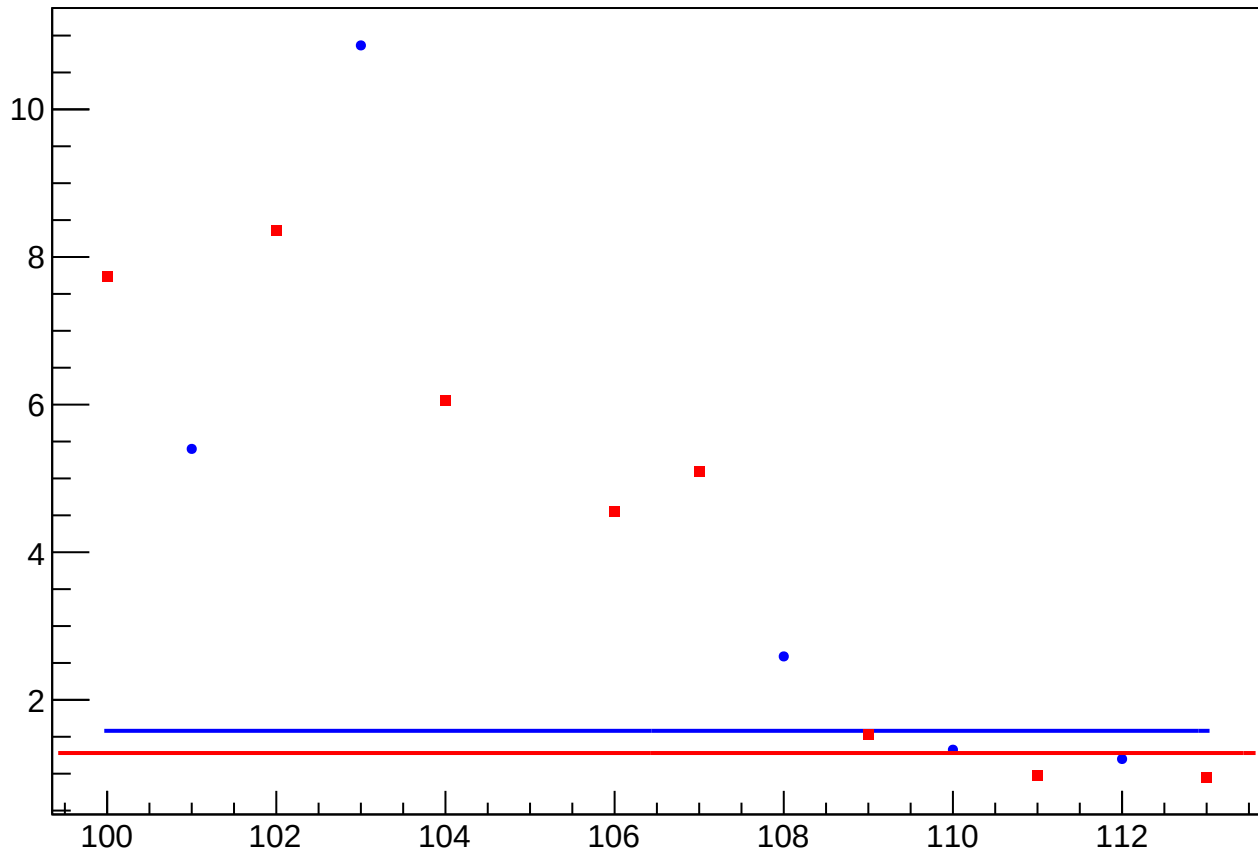
Right: 144.490 $\pm$ 0.001 χ^2 /NDF: 804558982.1/12

In: 147.813 $\pm$ 0.001 χ^2 /NDF:578702643.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 144.490 $\pm$ 0.001 χ^2 /NDF: 804558982.1/1

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: 1.280+/-0.001 χ^2/NDF : 2203463.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

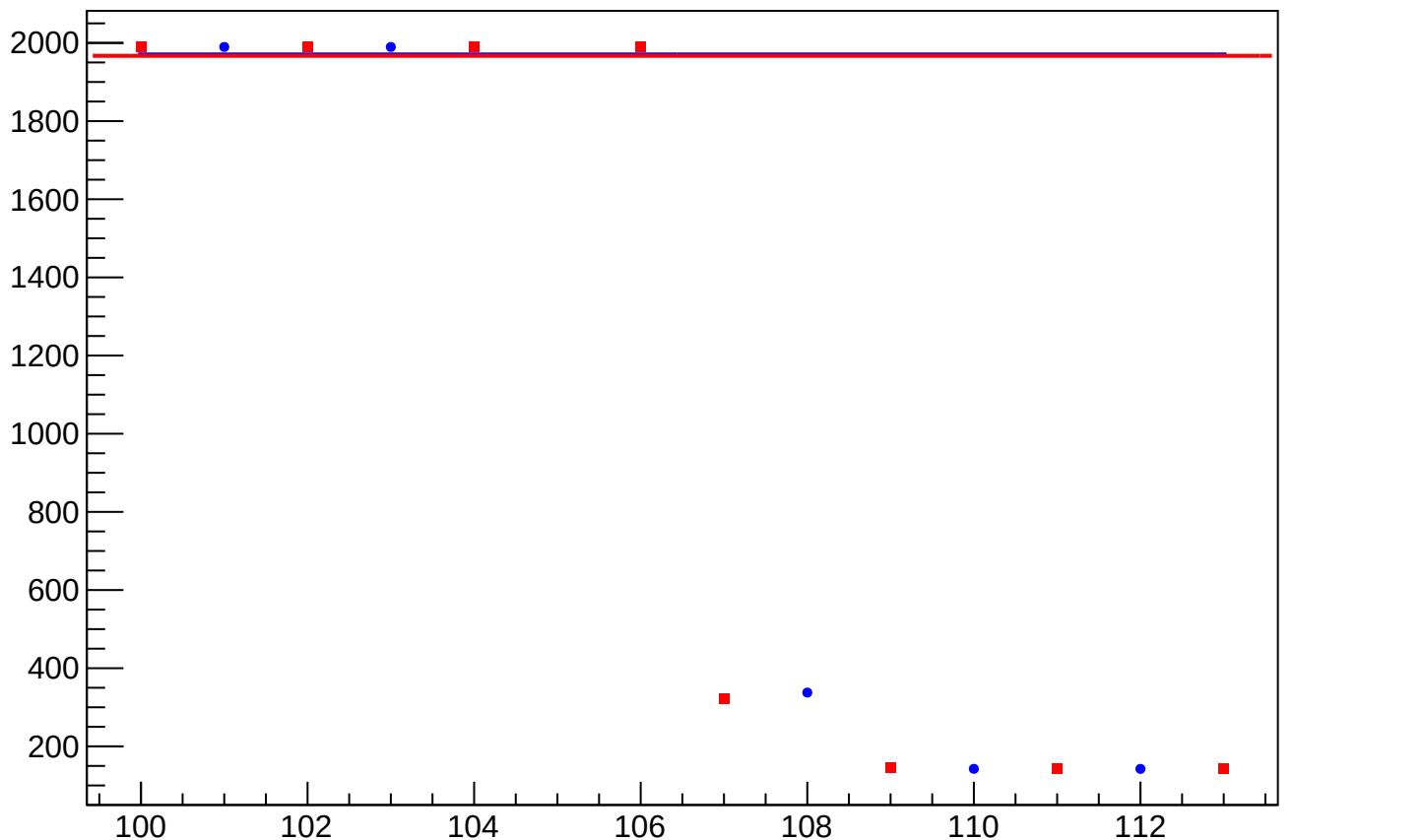
Right: 1.389+/-0.001 χ^2/NDF : 3926585.8/12

In: 1.581+/-0.001 χ^2/NDF : 1656161.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

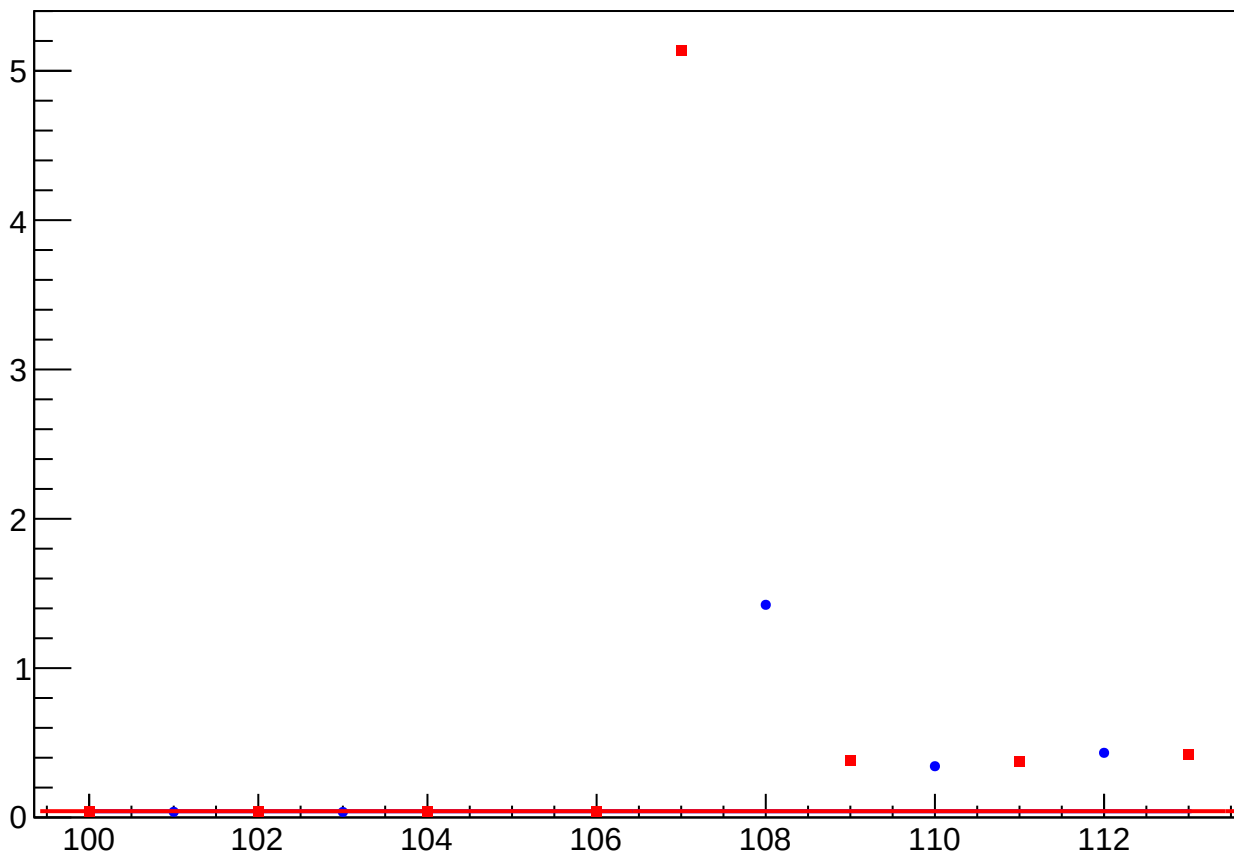
All: 1.389+/-0.001 χ^2/NDF : 3926585.8/12

yield_cav4dQ_mean vs Slug, Sign Corrected



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 Out: 1966.941+/-0.000 χ^2/NDF : 26030941940640.8/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1968.571+/-0.000 χ^2/NDF : 44535264513715

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: 0.042+/-0.000 χ^2/NDF : 2256338.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

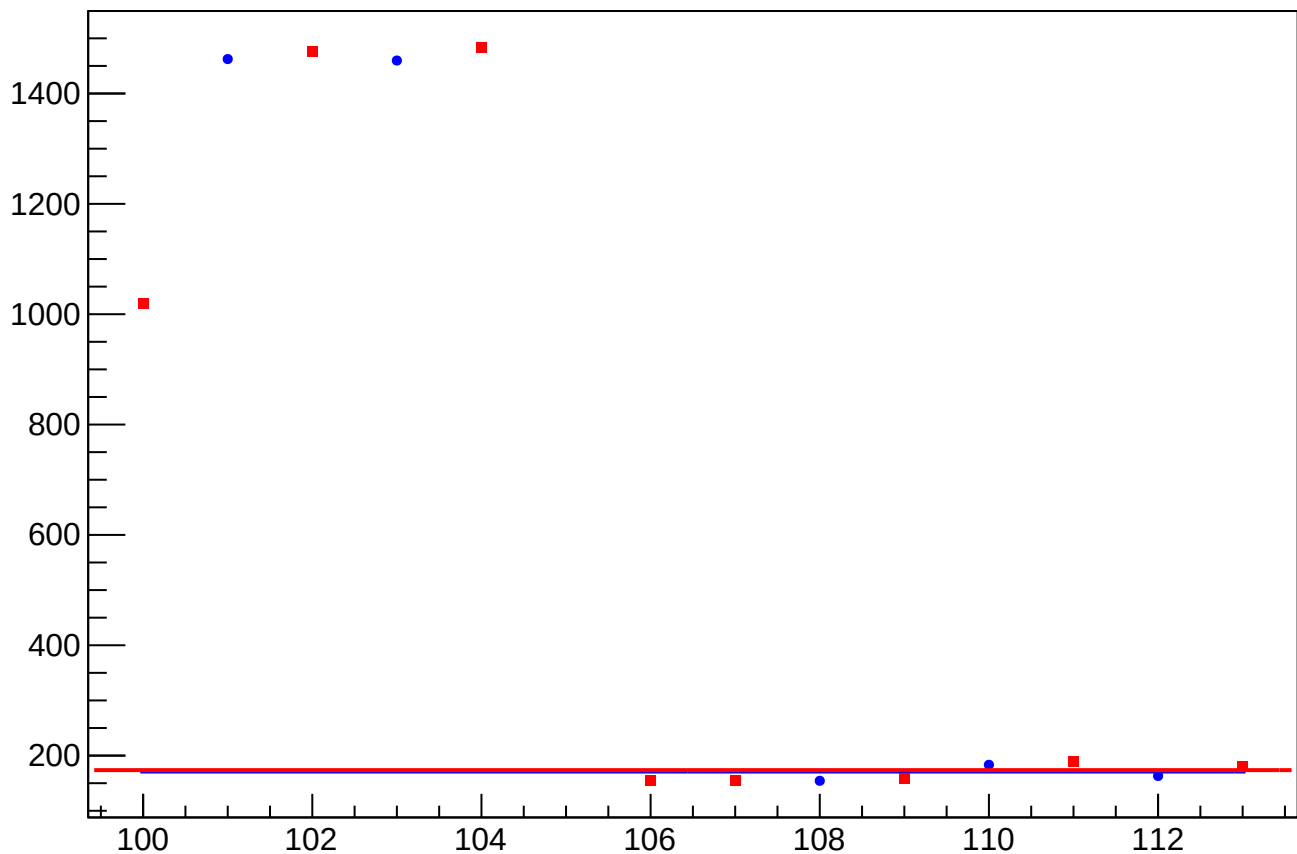
Right: 0.042+/-0.000 χ^2/NDF : 4174474.3/12

In: 0.042+/-0.000 χ^2/NDF : 1917994.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

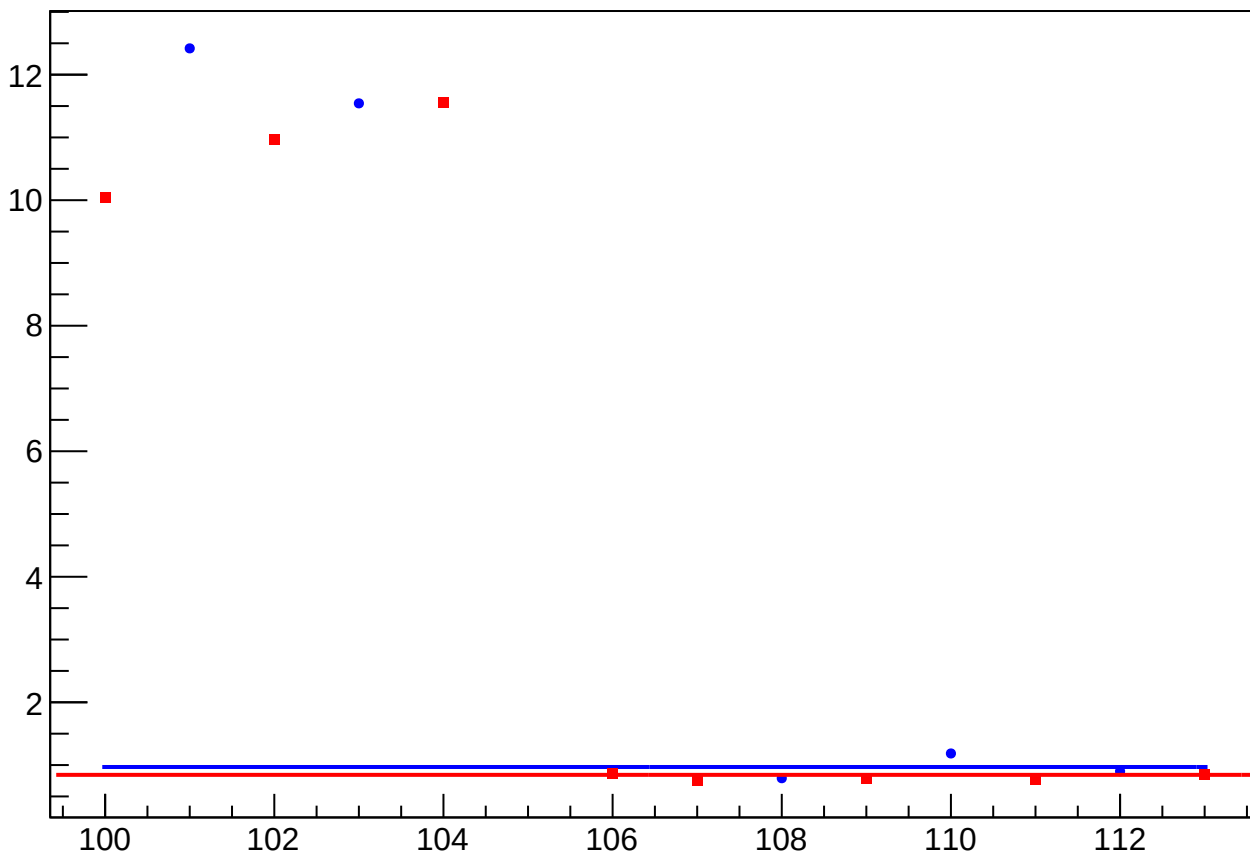
All: 0.042+/-0.000 χ^2/NDF : 4174474.3/12

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: 172.784+/-0.001 χ^2/NDF : 30186743519.0/12
 In: 171.124+/-0.001 χ^2/NDF : 14214282779.7/4
 Right Out: 173.685+/-0.001 χ^2/NDF : 15967343718.2/7
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 172.784+/-0.001 χ^2/NDF : 30186743519.0/12

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+/-0.000 χ^2/NDF : 2025995.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

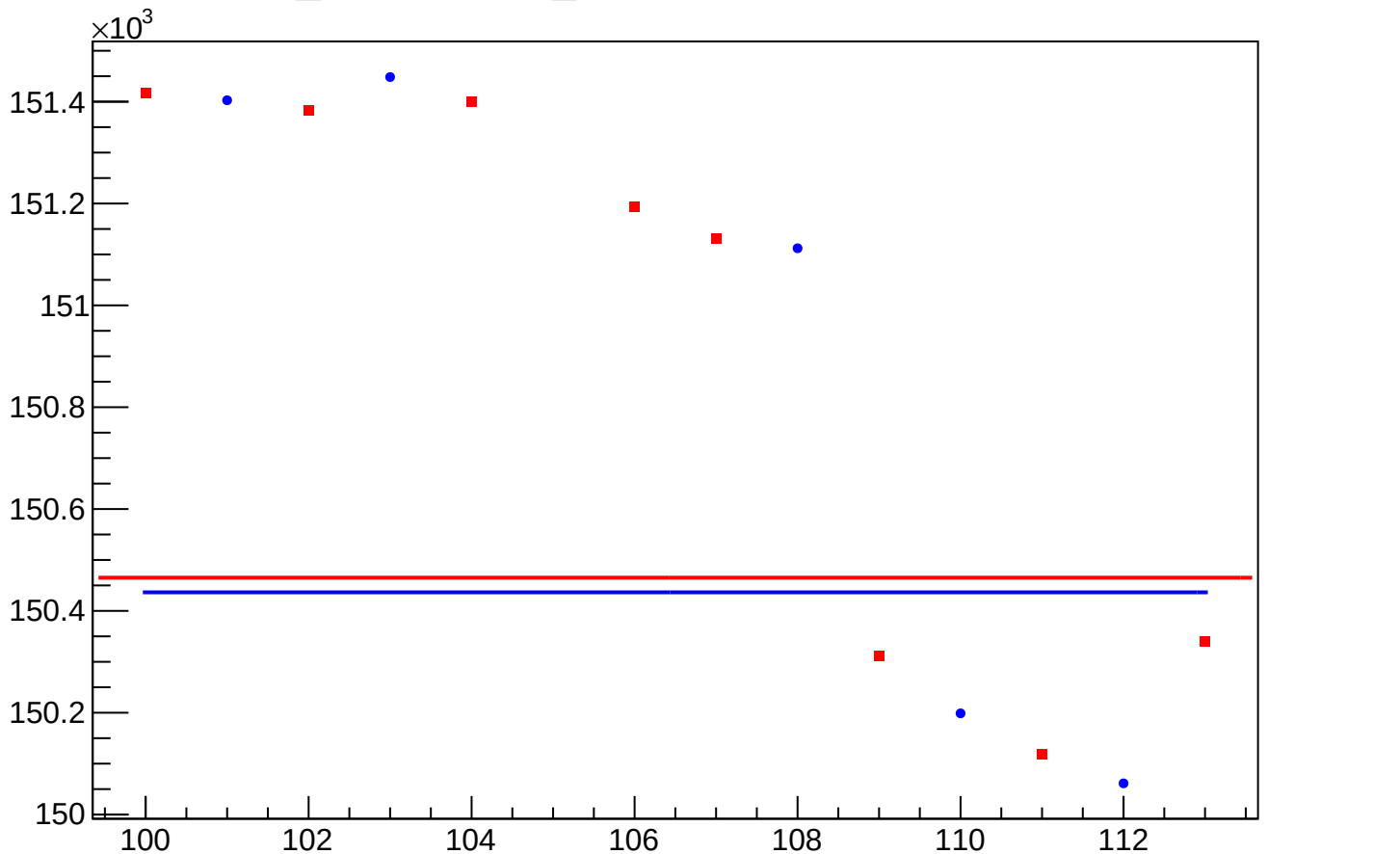
Right: 0.888+/-0.000 χ^2/NDF : 4145392.1/12

In: 0.969+/-0.001 χ^2/NDF : 2094887.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

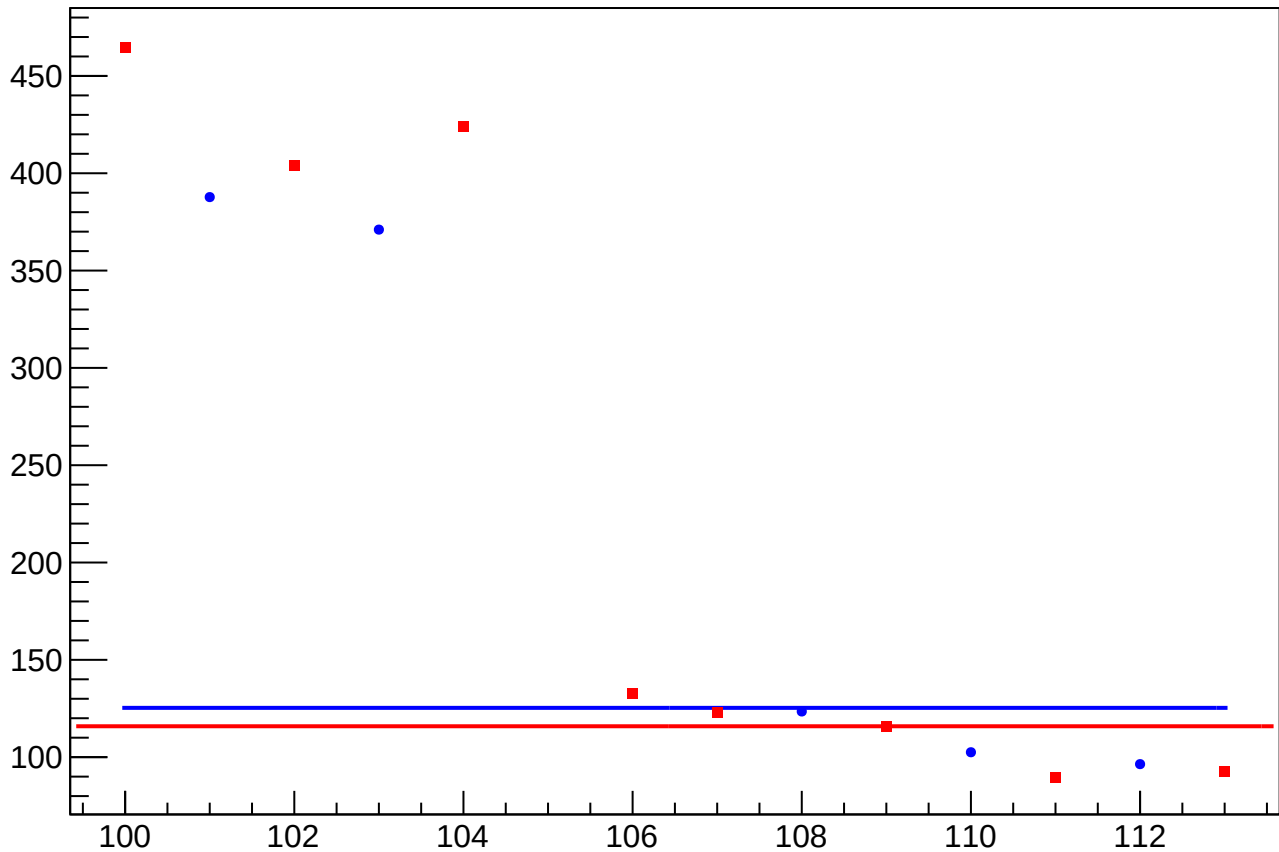
All: 0.888+/-0.000 χ^2/NDF : 4145392.1/12

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: 150465.191 $\pm$ 0.074 χ^2 /NDF: 30789901.1/7
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 150454.124 $\pm$ 0.058 χ^2 /NDF: 59078539.1/12
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 150454.124 $\pm$ 0.058 χ^2 /NDF: 59078539.1/12
 In: 150436.438 $\pm$ 0.094 χ^2 /NDF: 28230664.5/4
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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: 115.873+/-0.052 χ^2/NDF : 1426901.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

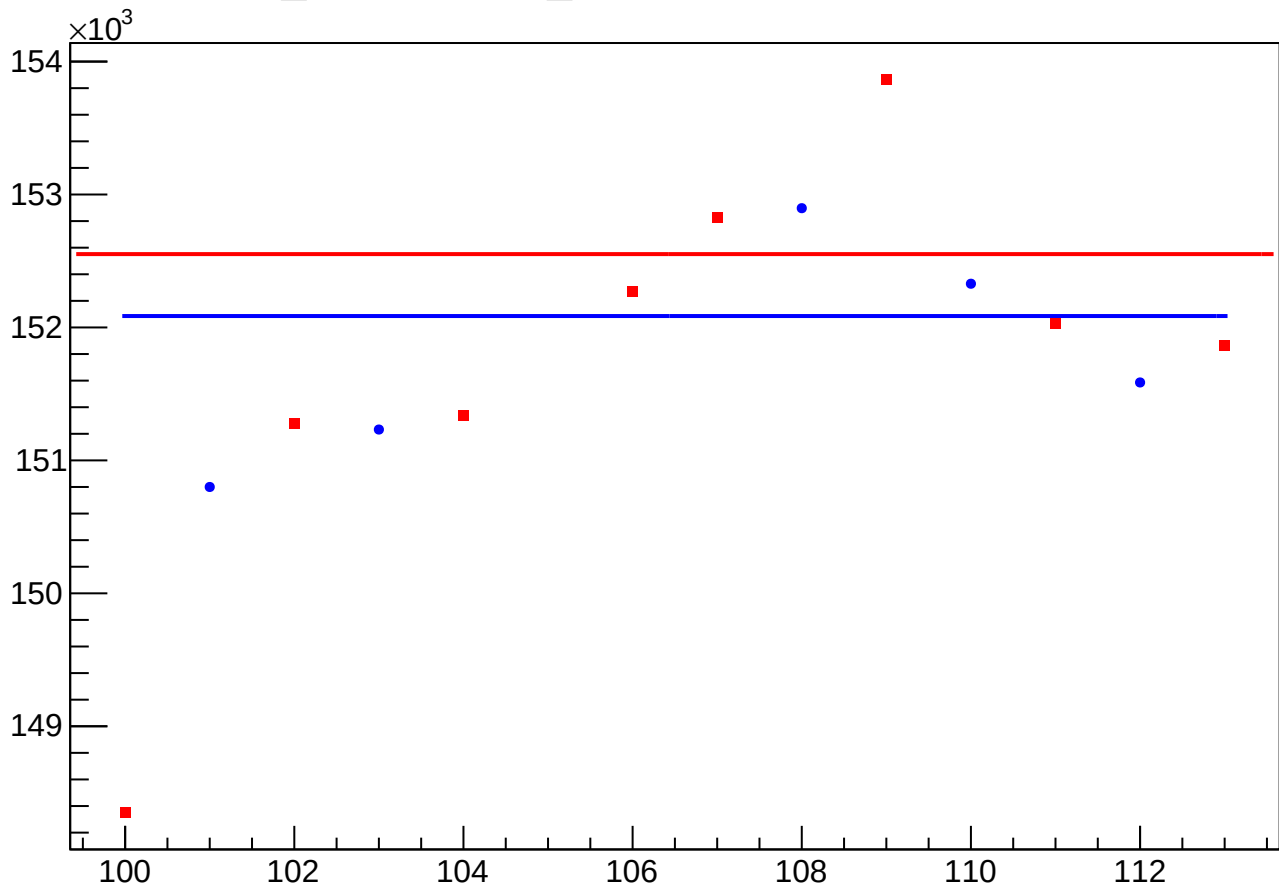
Right: 119.513+/-0.041 χ^2/NDF : 2651967.8/12

In: 125.331+/-0.066 χ^2/NDF : 1212520.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.513+/-0.041 χ^2/NDF : 2651967.8/12

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 152085.826+/-0.139 χ^2 /NDF: 23859227.2/4

Right: 152380.616+/-0.084 χ^2 /NDF: 107126061.7/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 152551.732+/-0.106 χ^2 /NDF: 76119658.0/7

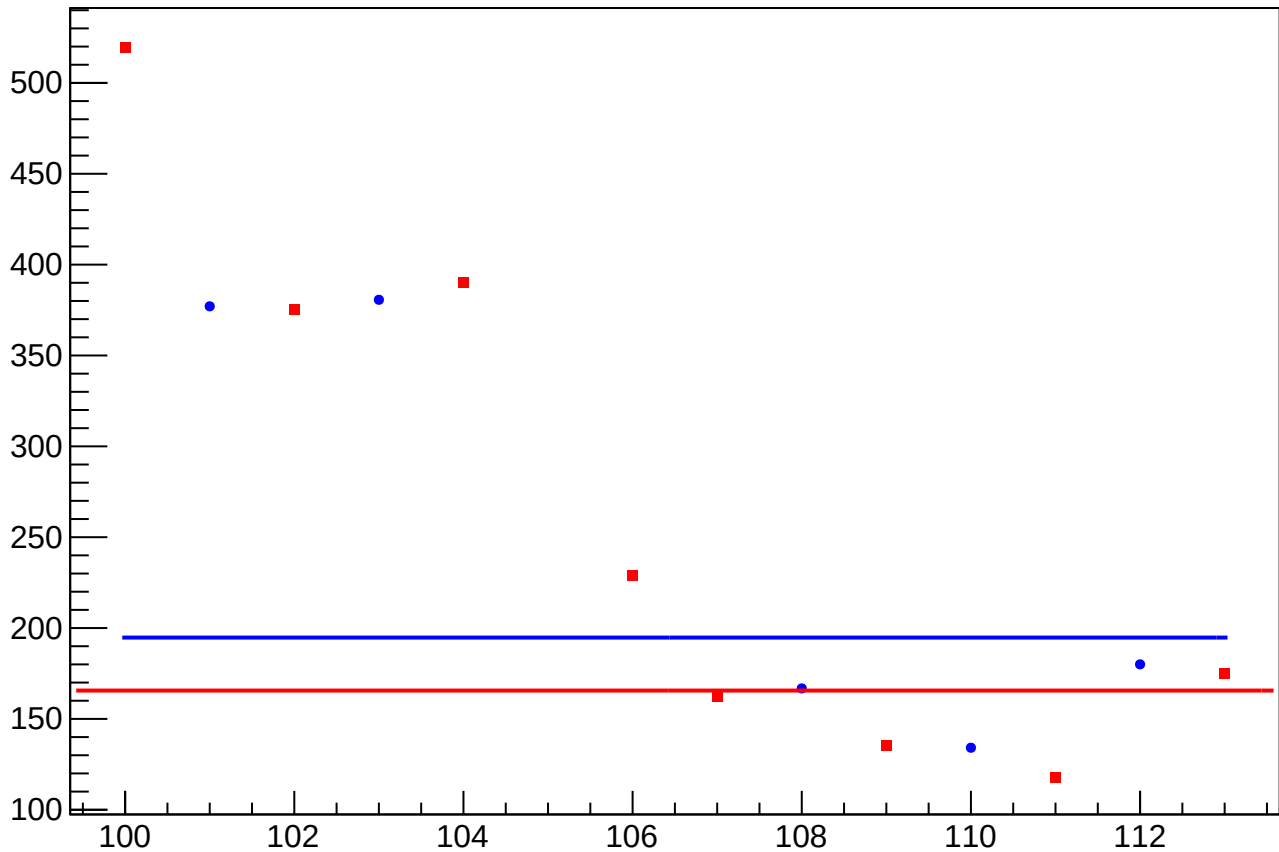
In: 152085.826+/-0.139 χ^2 /NDF: 23859227.2/4

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 152380.616+/-0.084 χ^2 /NDF: 107126061.7/1

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 194.763 $\pm$ 0.098 χ^2 /NDF: 748943.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 165.604 $\pm$ 0.075 χ^2 /NDF: 1041245.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

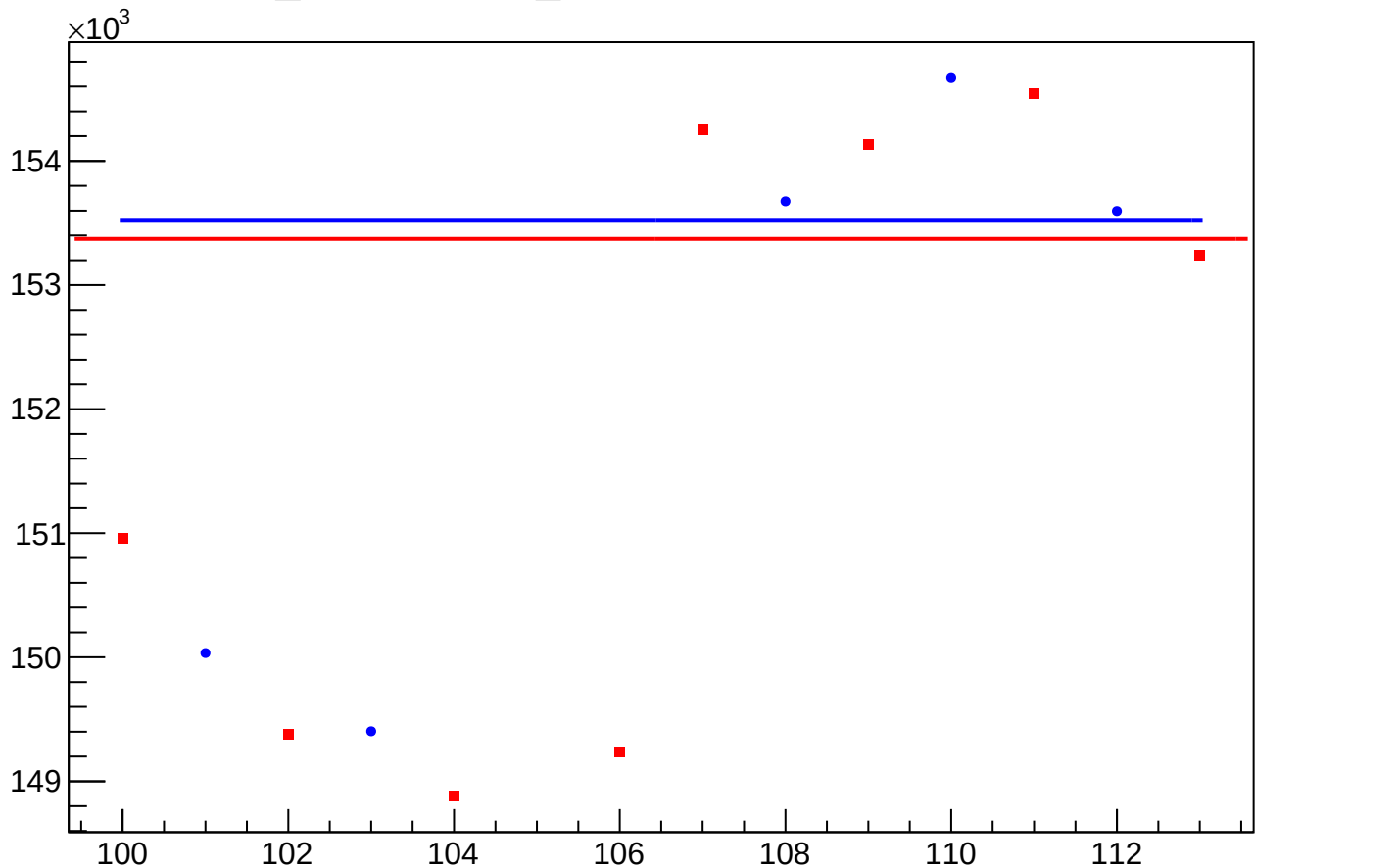
Right: 176.314 $\pm$ 0.059 χ^2 /NDF: 1846181.6/12

In: 194.763 $\pm$ 0.098 χ^2 /NDF:748943.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 176.314 $\pm$ 0.059 χ^2 /NDF: 1846181.6/12

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 153518.144+/-0.116 χ^2 /NDF: 142292905.8/4

Right: 153430.018+/-0.073 χ^2 /NDF: 466965937.6/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

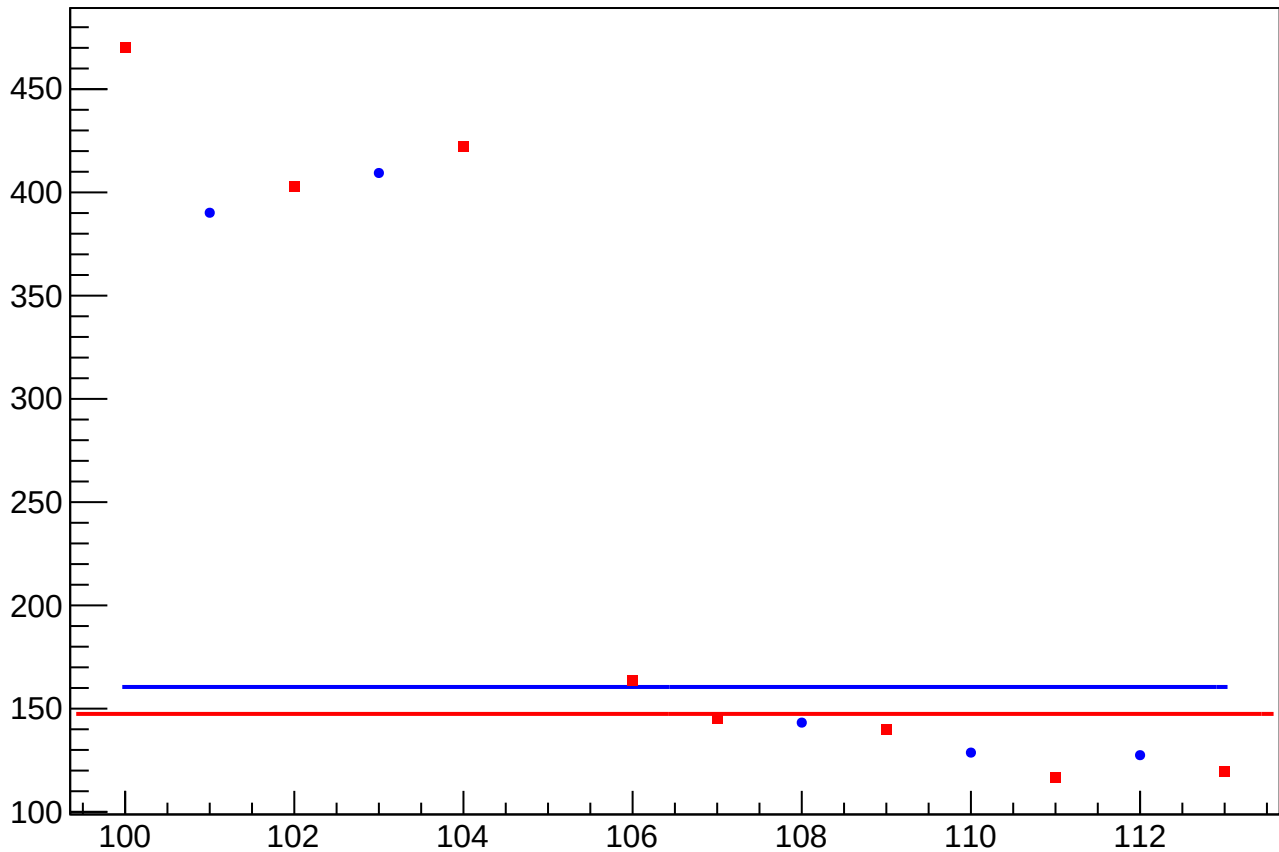
Right Out: 153372.433+/-0.094 χ^2 /NDF: 323714999.9/7

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 153430.018+/-0.073 χ^2 /NDF: 466965937.6/1

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: 147.447+/-0.066 χ^2/NDF : 1141726.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

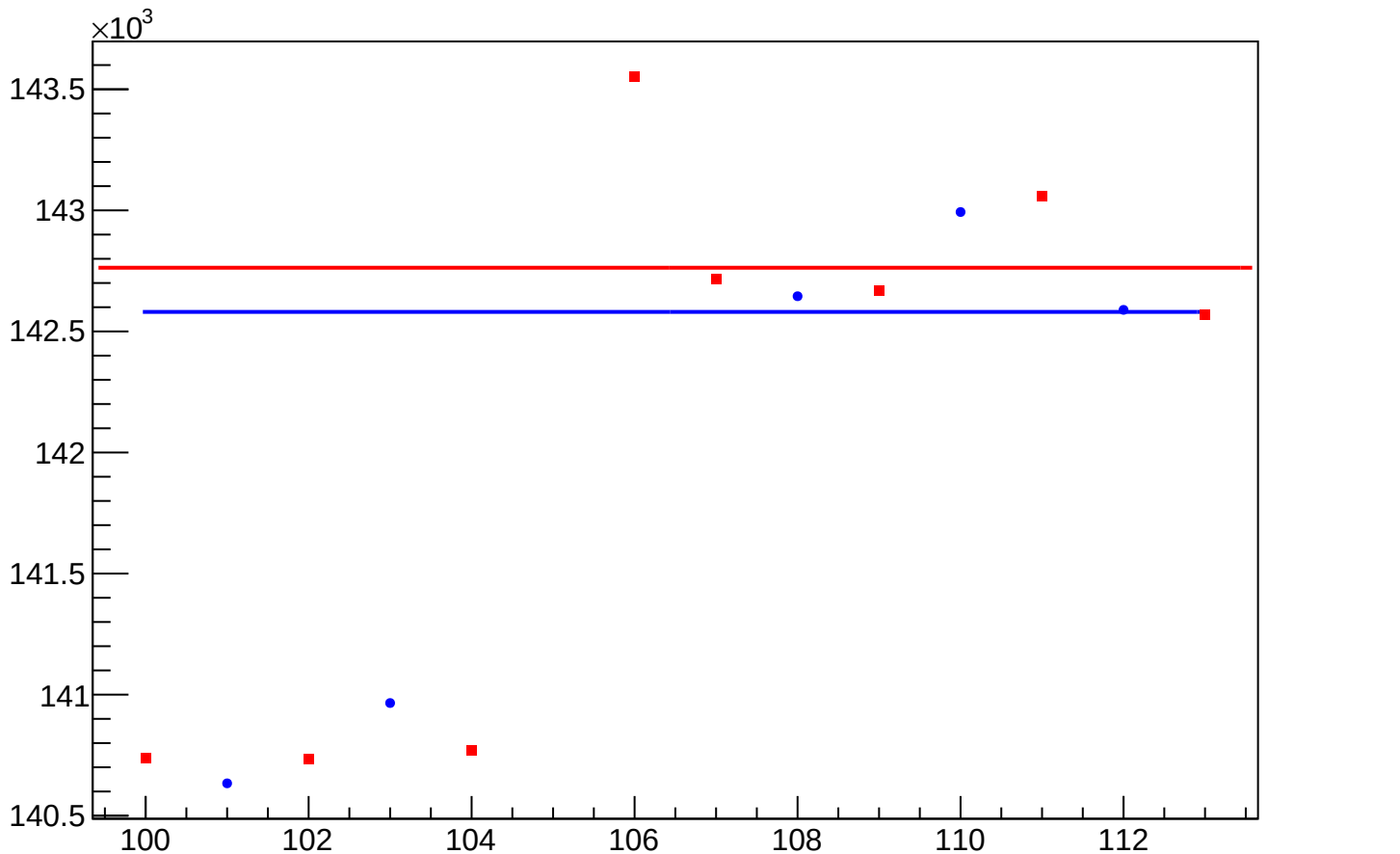
Right: 152.603+/-0.051 χ^2/NDF : 2169765.2/12

In: 160.495+/-0.082 χ^2/NDF : 1012674.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

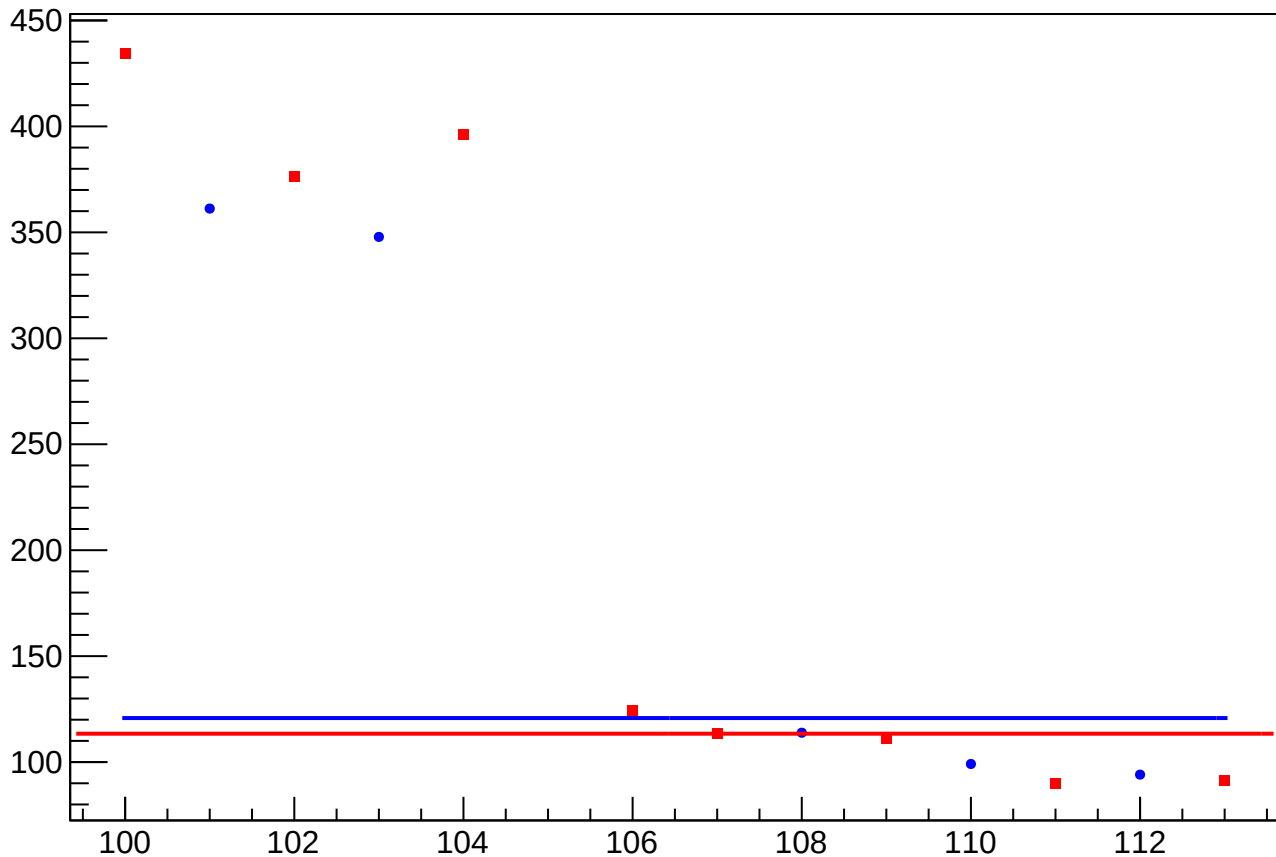
All: 152.603+/-0.051 χ^2/NDF : 2169765.2/12

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 Out: 142763.096+/-0.072 χ^2 /NDF: 53135388.8/7
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 142691.750+/-0.056 χ^2 /NDF: 93408187.6/12
 In: 142580.623+/-0.090 χ^2 /NDF: 37757421.4/4
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 142691.750+/-0.056 χ^2 /NDF: 93408187.6/12

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: 113.397+/-0.051 χ^2/NDF : 1353453.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

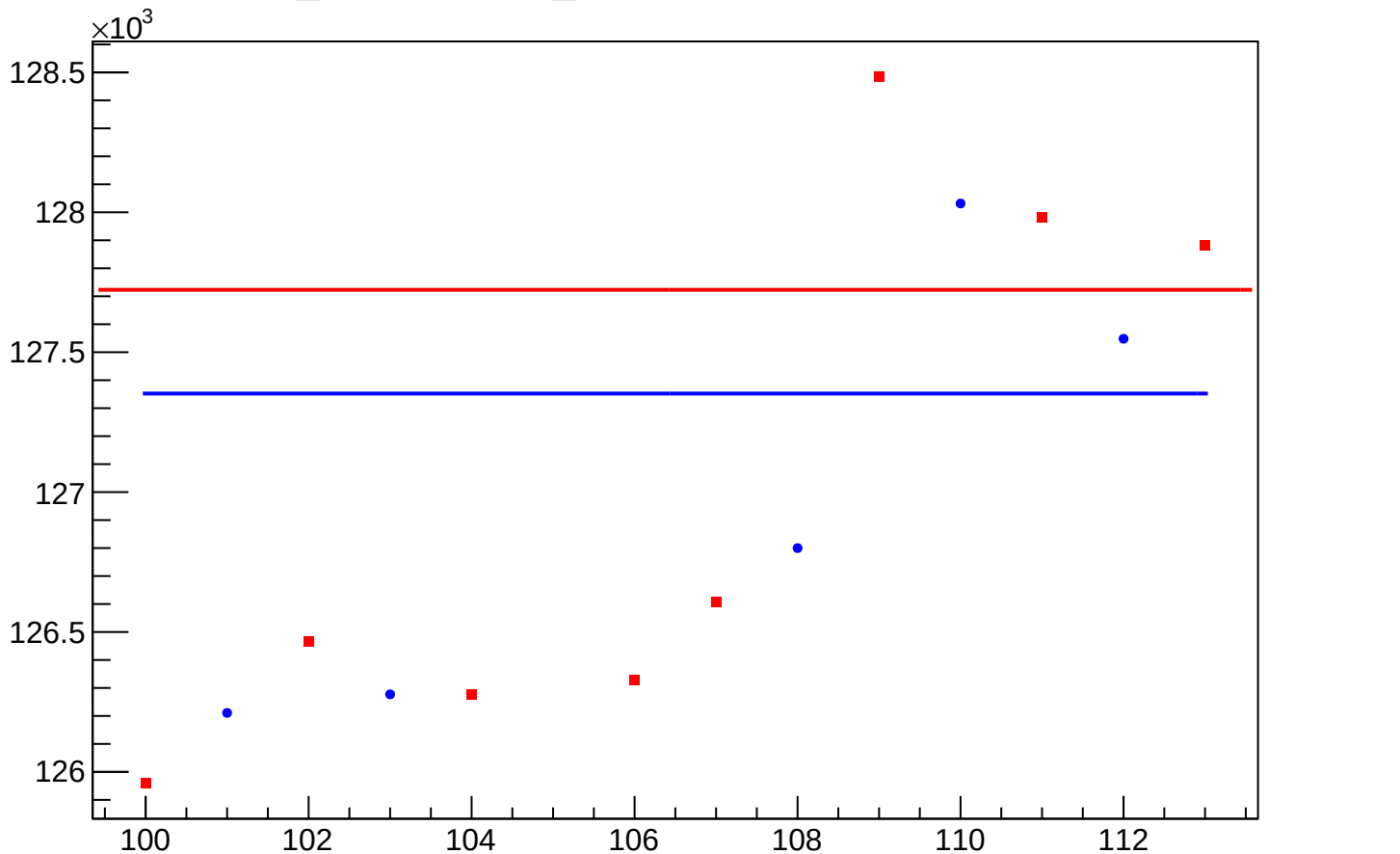
Right: 116.284+/-0.040 χ^2/NDF : 2536586.9/12

In: 120.781+/-0.063 χ^2/NDF : 1174895.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

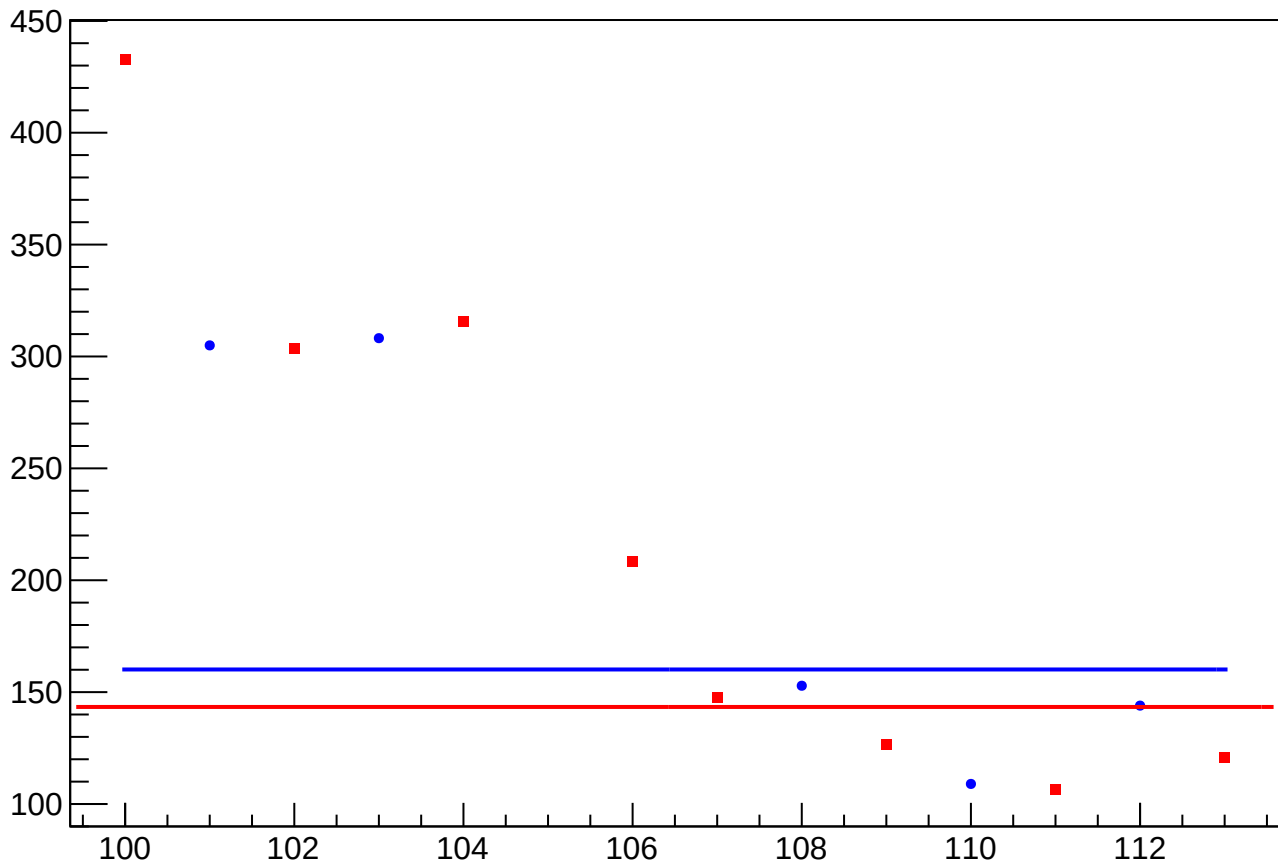
All: 116.284+/-0.040 χ^2/NDF : 2536586.9/12

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127352.289 $\pm$ 0.111 χ^2 /NDF: 35955965.7/4
 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: 127580.385 $\pm$ 0.069 χ^2 /NDF: 113055024.7/1
 Right Out: 127723.057 $\pm$ 0.088 χ^2 /NDF: 70278913.3/7
 In: 127352.289 $\pm$ 0.111 χ^2 /NDF: 35955965.7/4
 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: 127580.385 $\pm$ 0.069 χ^2 /NDF: 113055024.7/1

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: 143.374+/-0.062 χ^2/NDF : 938729.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

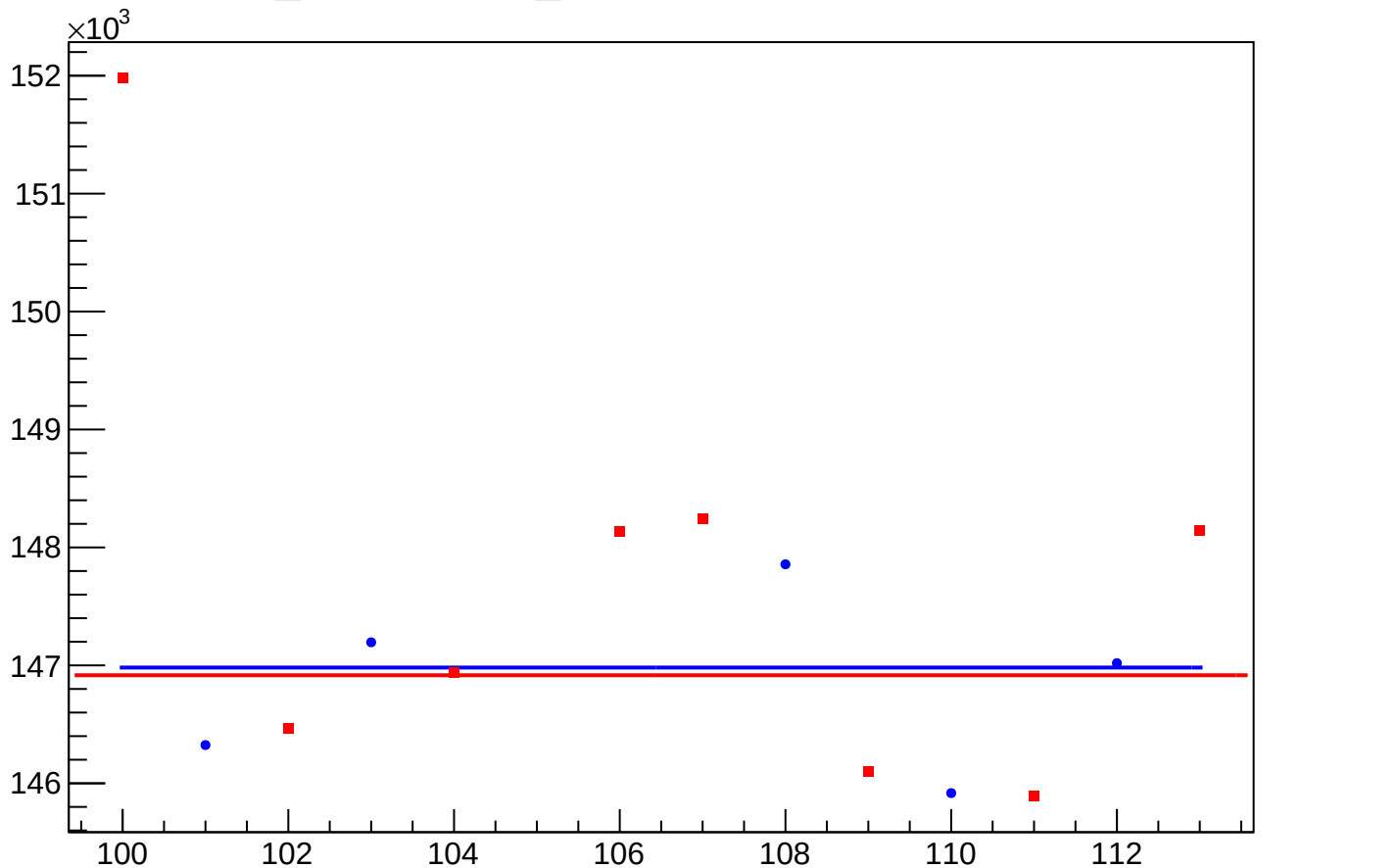
Right: 149.819+/-0.049 χ^2/NDF : 1707583.6/12

In: 160.123+/-0.079 χ^2/NDF : 741019.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.819+/-0.049 χ^2/NDF : 1707583.6/12

yield_bpm0l02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 146981.573+/-0.163 χ^2 /NDF: 21353386.6/4

Right: 146941.336+/-0.101 χ^2 /NDF: 91645586.5/12

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 146916.476+/-0.128 χ^2 /NDF: 70193415.4/7

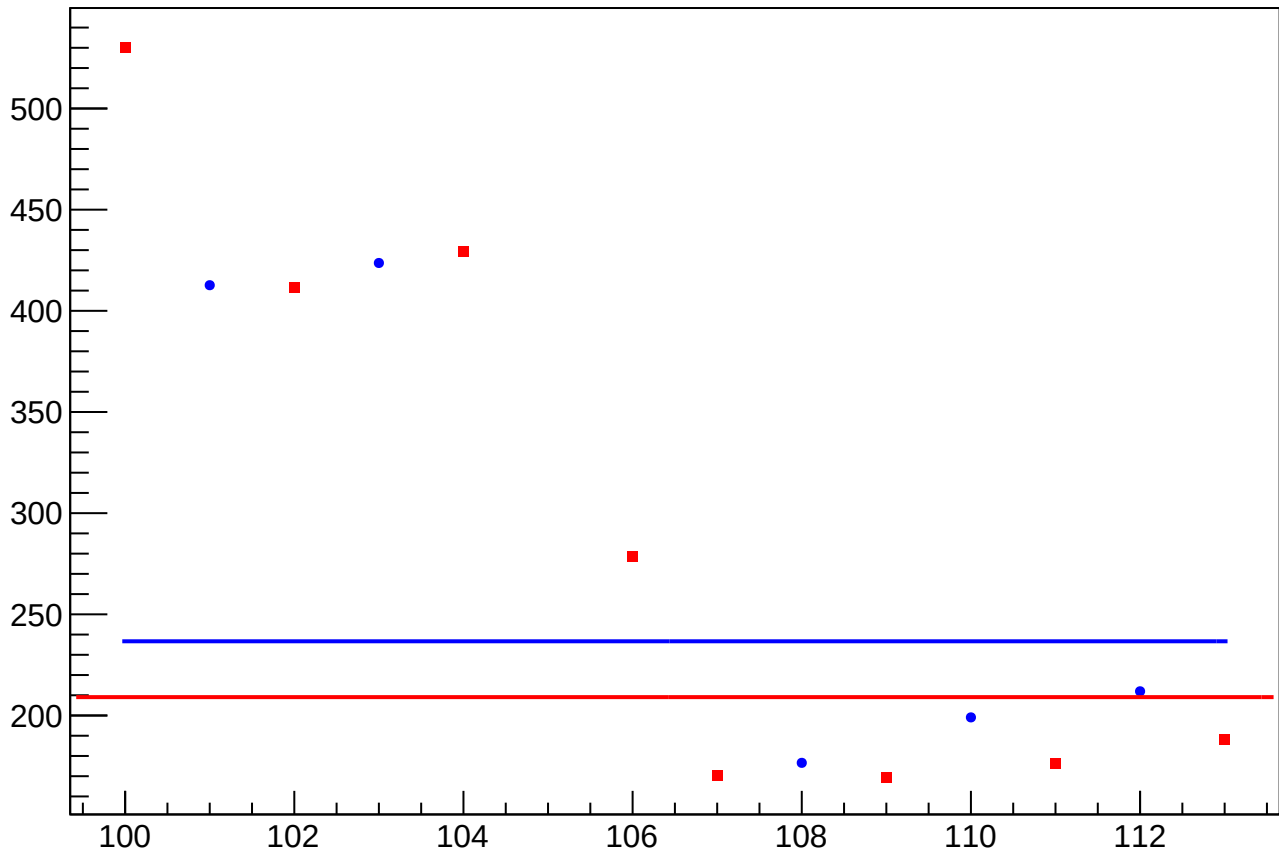
In: 146981.573+/-0.163 χ^2 /NDF: 21353386.6/4

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 146941.336+/-0.101 χ^2 /NDF: 91645586.5/12

Out: 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: 209.082+/-0.091 χ^2/NDF : 788893.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

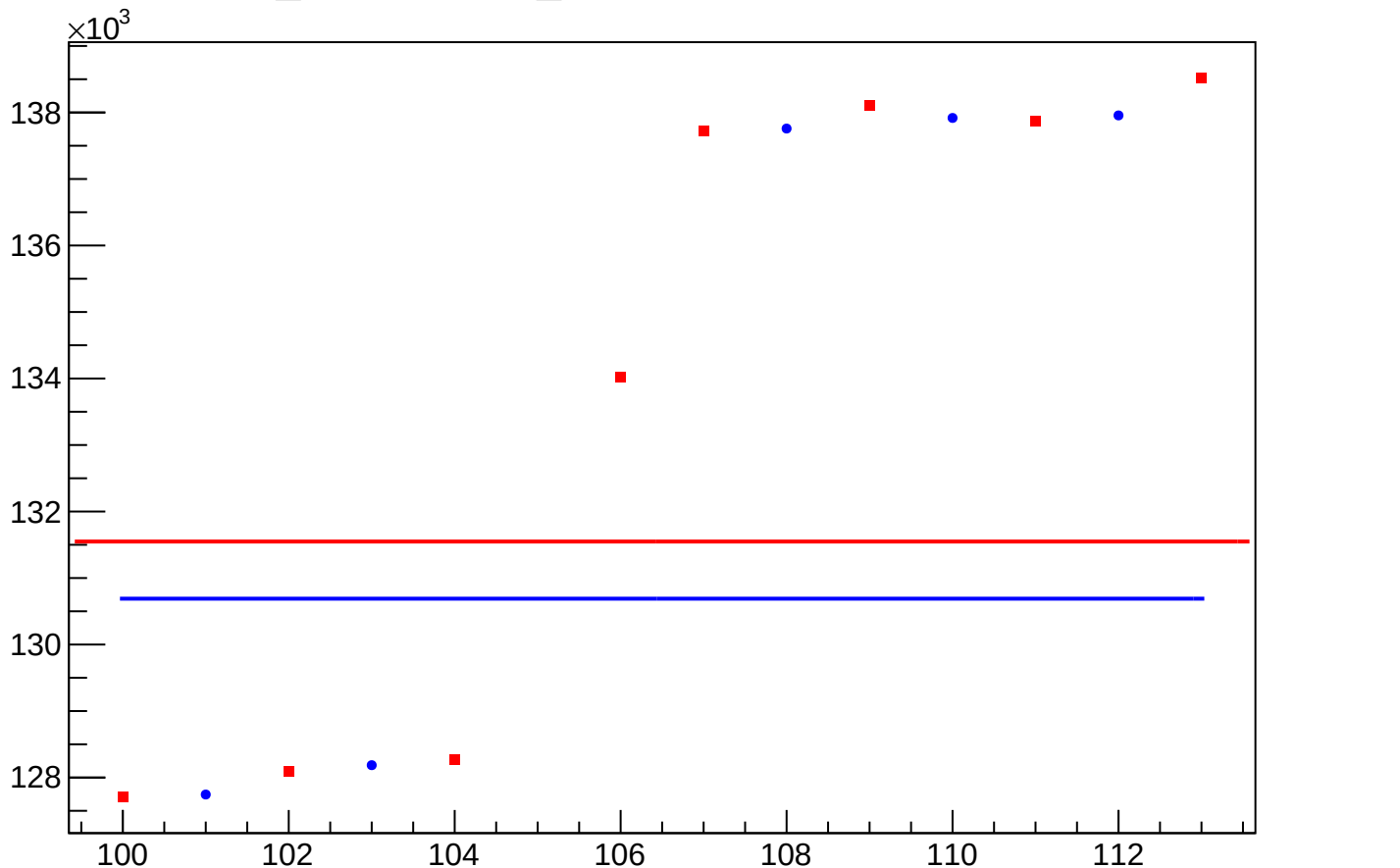
Right: 219.620+/-0.071 χ^2/NDF : 1424035.6/12

In: 236.678+/-0.115 χ^2/NDF : 599635.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

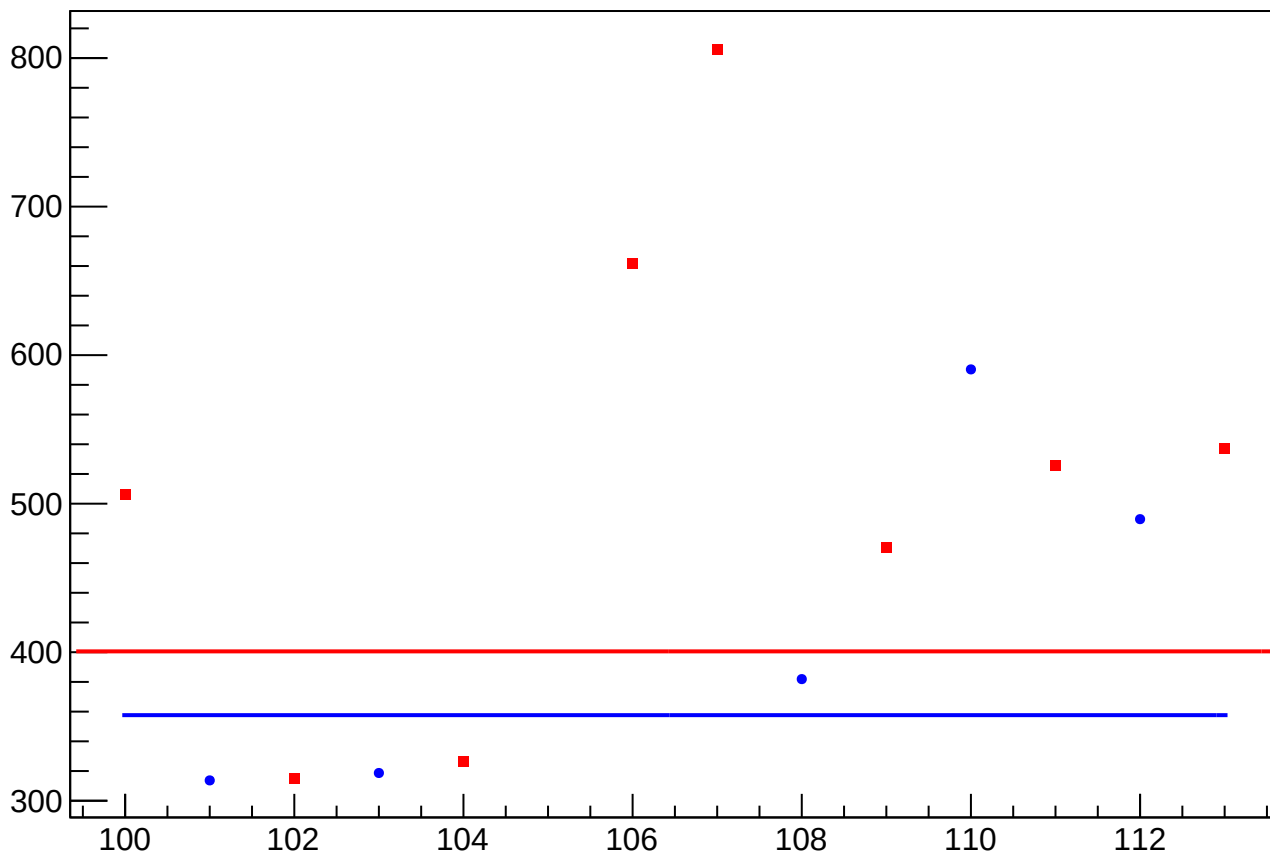
All: 219.620+/-0.071 χ^2/NDF : 1424035.6/12

yield_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: 130689.636 $\pm$ 0.240 χ^2 /NDF: 341032643.0/4
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 131548.626 $\pm$ 0.236 χ^2 /NDF: 385832078.3/7
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 130689.636 $\pm$ 0.240 χ^2 /NDF: 341032643.0/4
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 131127.651 $\pm$ 0.168 χ^2 /NDF: 733379190.4/1

yield_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 357.625+/-0.170 χ^2/NDF : 216073.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 400.561+/-0.167 χ^2/NDF : 488917.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

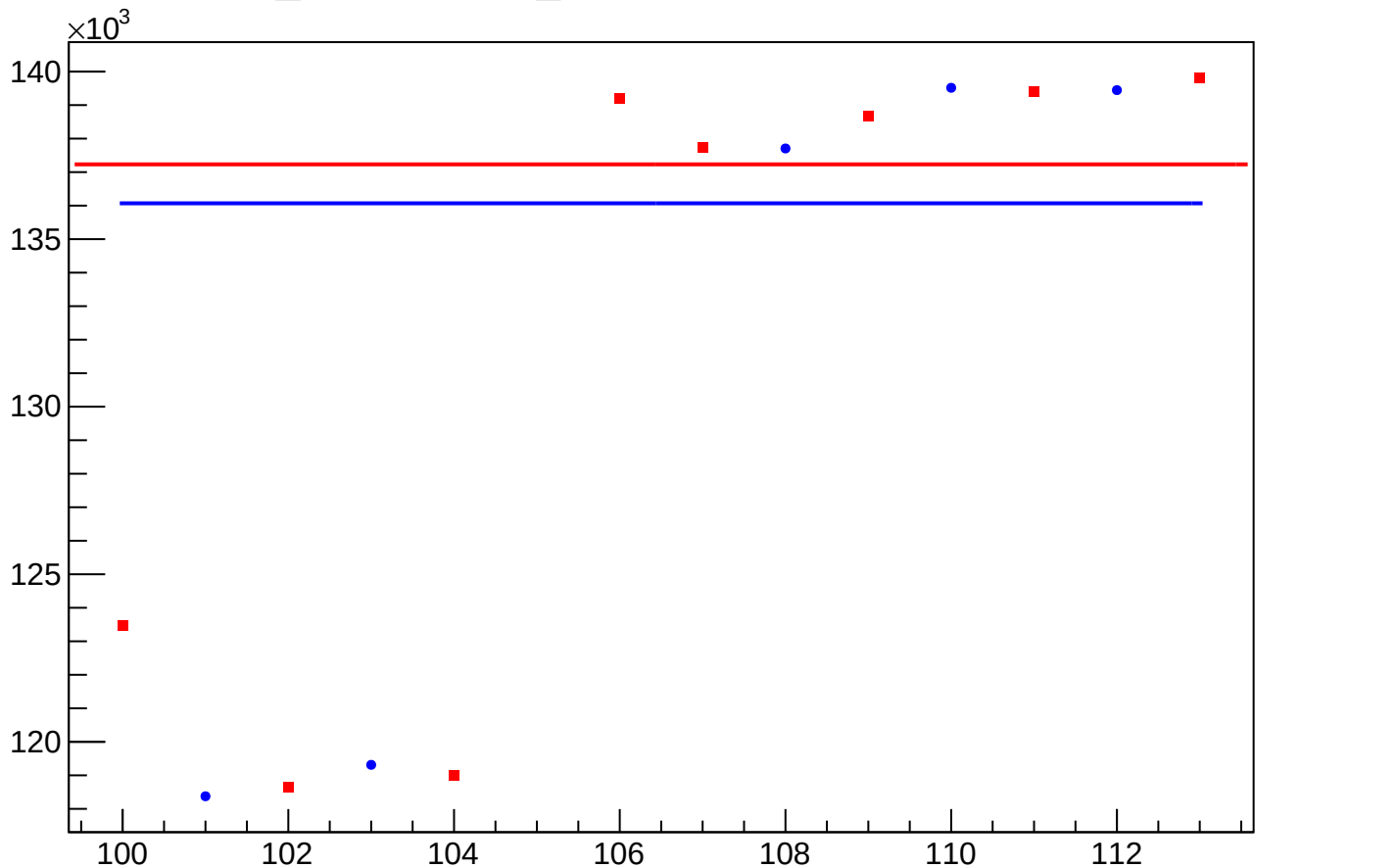
Right: 379.519+/-0.119 χ^2/NDF : 737542.9/12

In: 357.625+/-0.170 χ^2/NDF : 216073.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

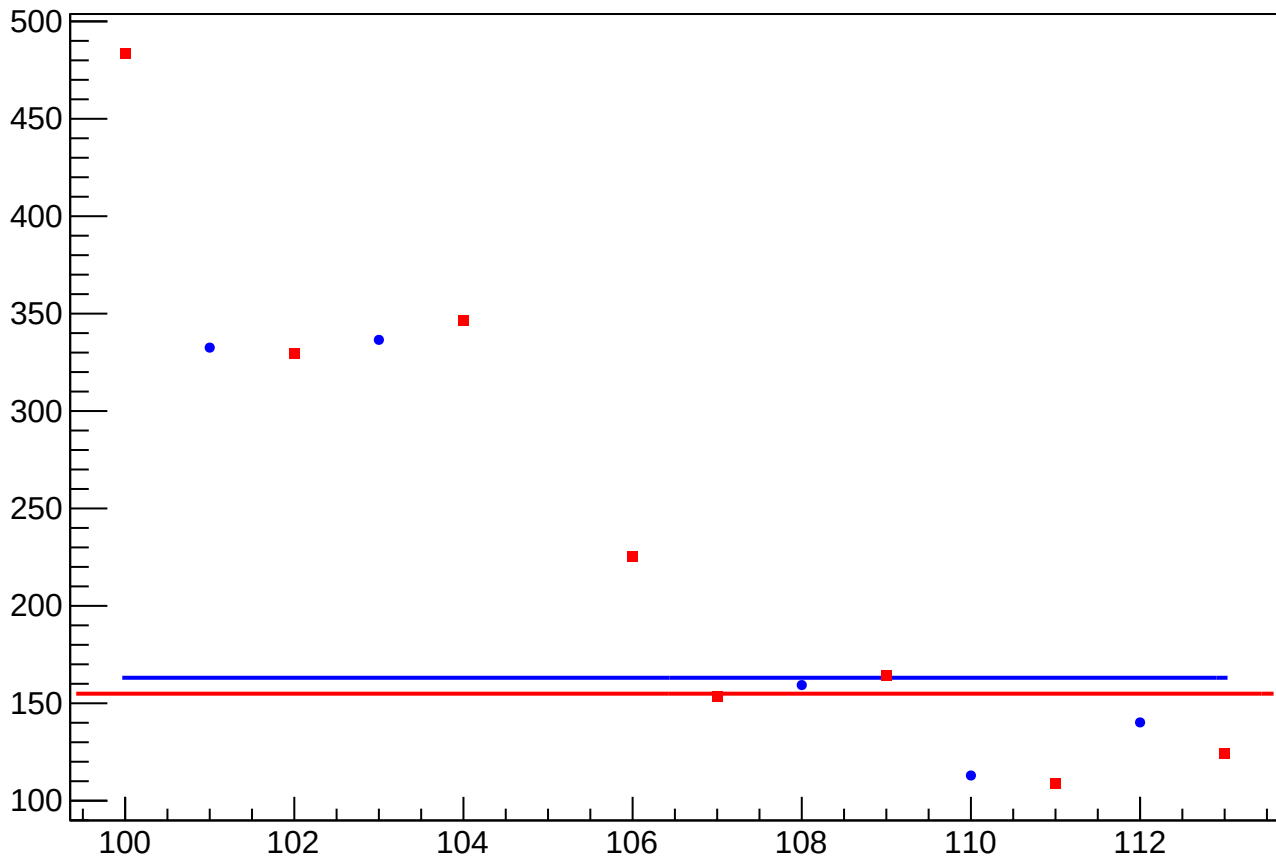
All: 379.519+/-0.119 χ^2/NDF : 737542.9/12

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
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 136754.034+/-0.073 χ^2 /NDF: 8011733578.9/7
 In: 136069.358+/-0.115 χ^2 /NDF: 3976343018.5/4
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 136754.034+/-0.073 χ^2 /NDF: 8011733578.9/7

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: 154.930+/-0.068 χ^2/NDF : 1012940.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

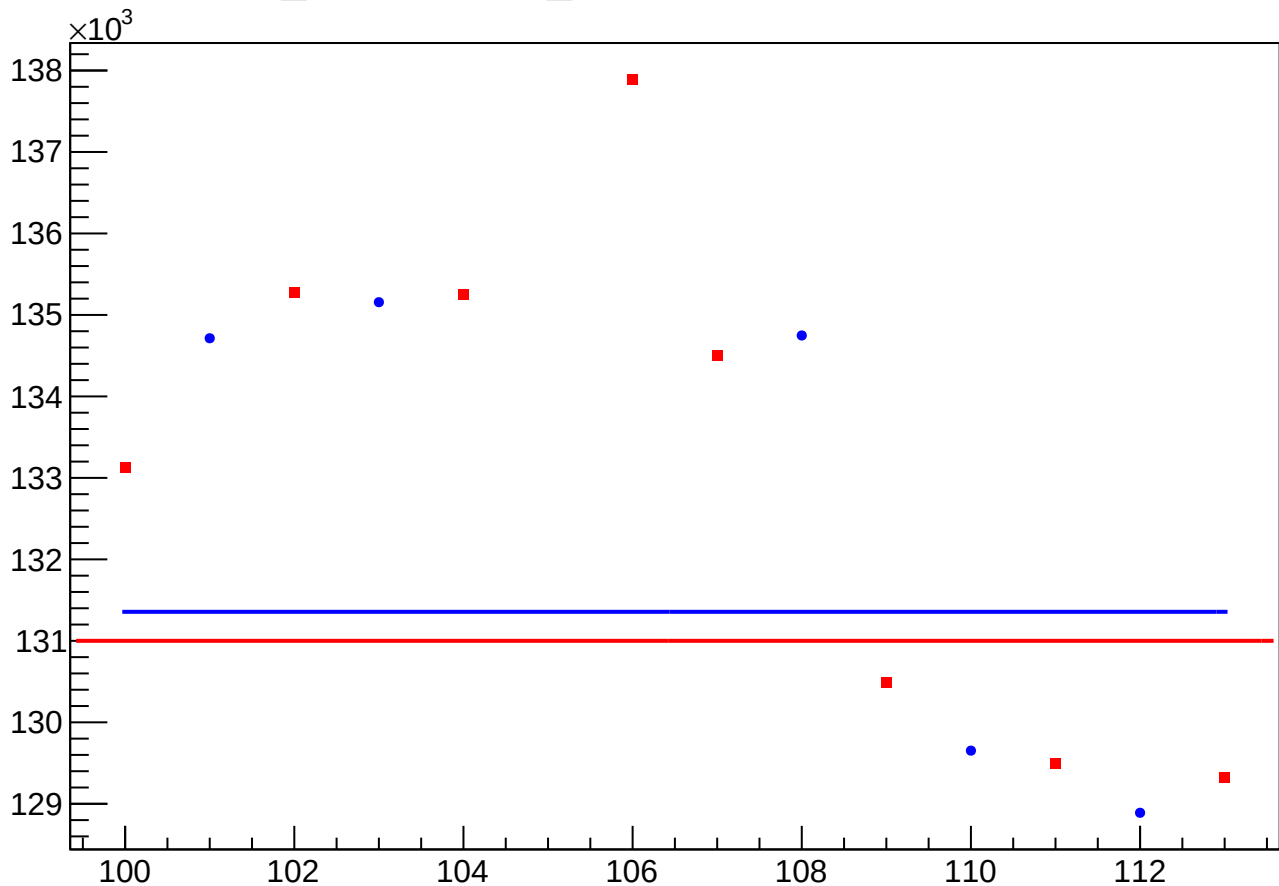
Right: 158.285+/-0.052 χ^2/NDF : 1841064.7/12

In: 163.098+/-0.081 χ^2/NDF : 822137.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.285+/-0.052 χ^2/NDF : 1841064.7/12

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: 131132.904+/-0.077 χ^2 /NDF: 1063935750.8/4

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 131000.219+/-0.098 χ^2 /NDF: 614711695.5/7

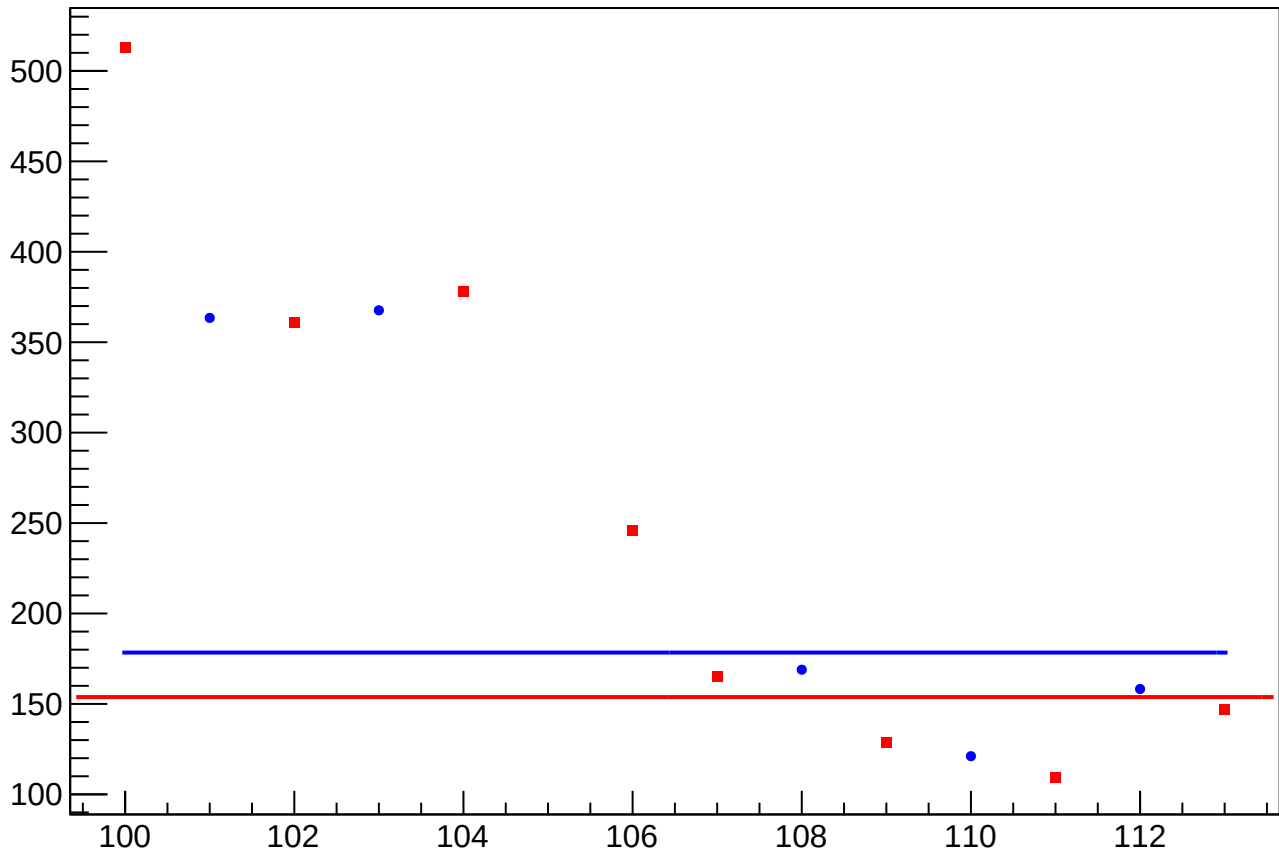
In: 131356.440+/-0.127 χ^2 /NDF: 444256069.4/4

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 131132.904+/-0.077 χ^2 /NDF: 1063935750.8/4

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: 153.792+/-0.069 χ^2/NDF : 1120282.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

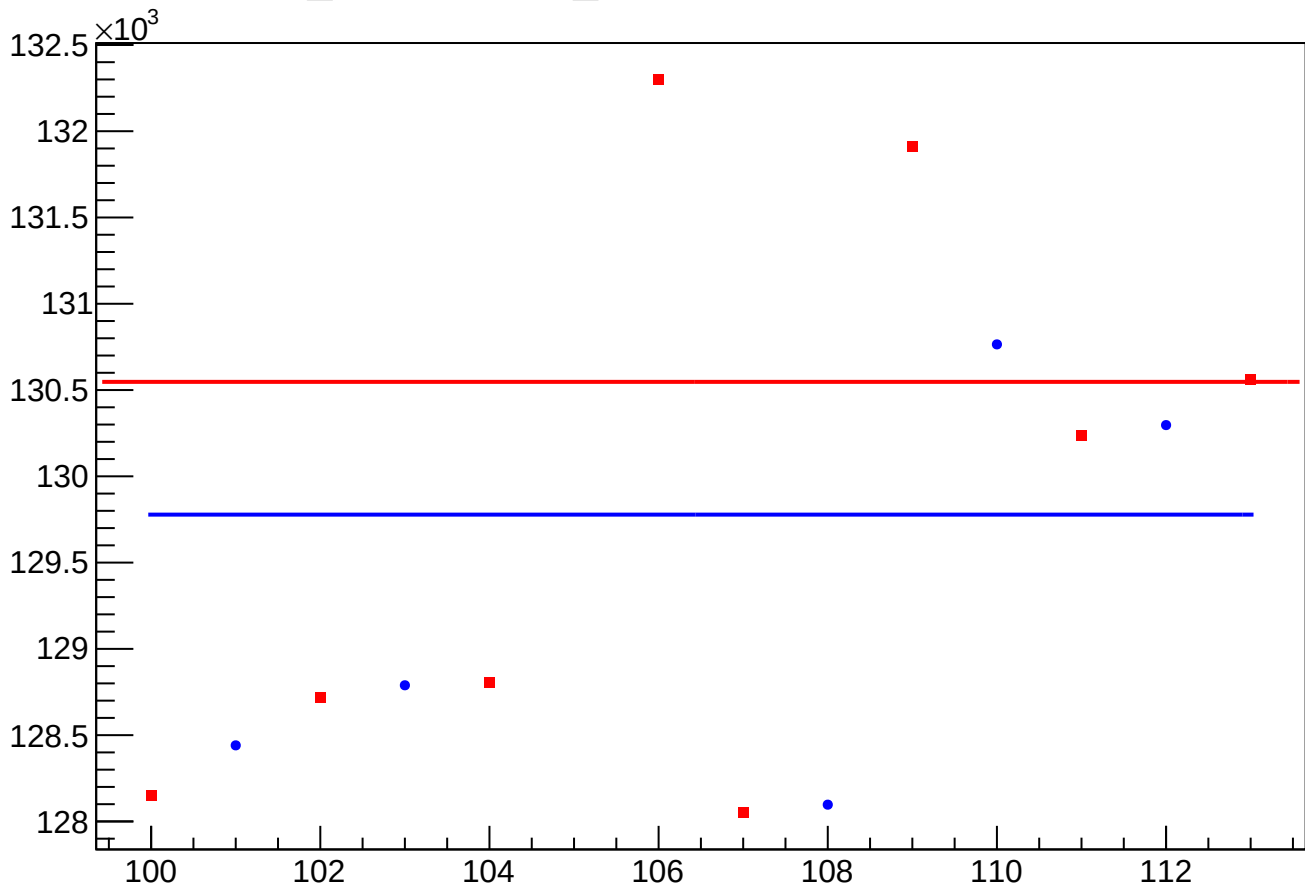
Right: 162.960+/-0.055 χ^2/NDF : 1992746.9/12

In: 178.404+/-0.090 χ^2/NDF : 825033.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

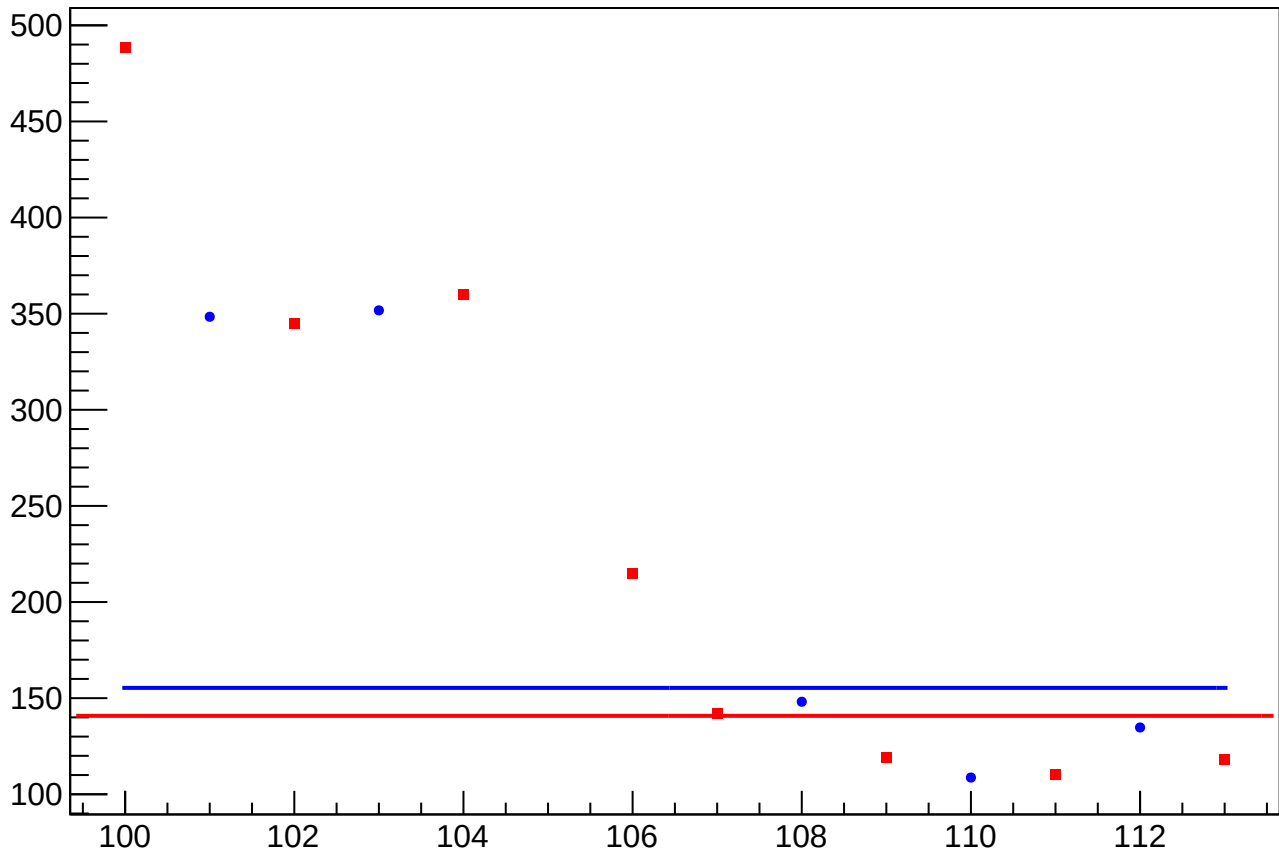
All: 162.960+/-0.055 χ^2/NDF : 1992746.9/12

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: 130249.167 $\pm$ 0.069 χ^2 /NDF: 321636746.0/1
 In: 129778.037 $\pm$ 0.111 χ^2 /NDF: 99478299.5/4
 Right Out: 130547.394 $\pm$ 0.088 χ^2 /NDF: 192518116.8/7
 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: 130249.167 $\pm$ 0.069 χ^2 /NDF: 321636746.0/1

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: 140.806+/-0.062 χ^2/NDF : 1107729.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

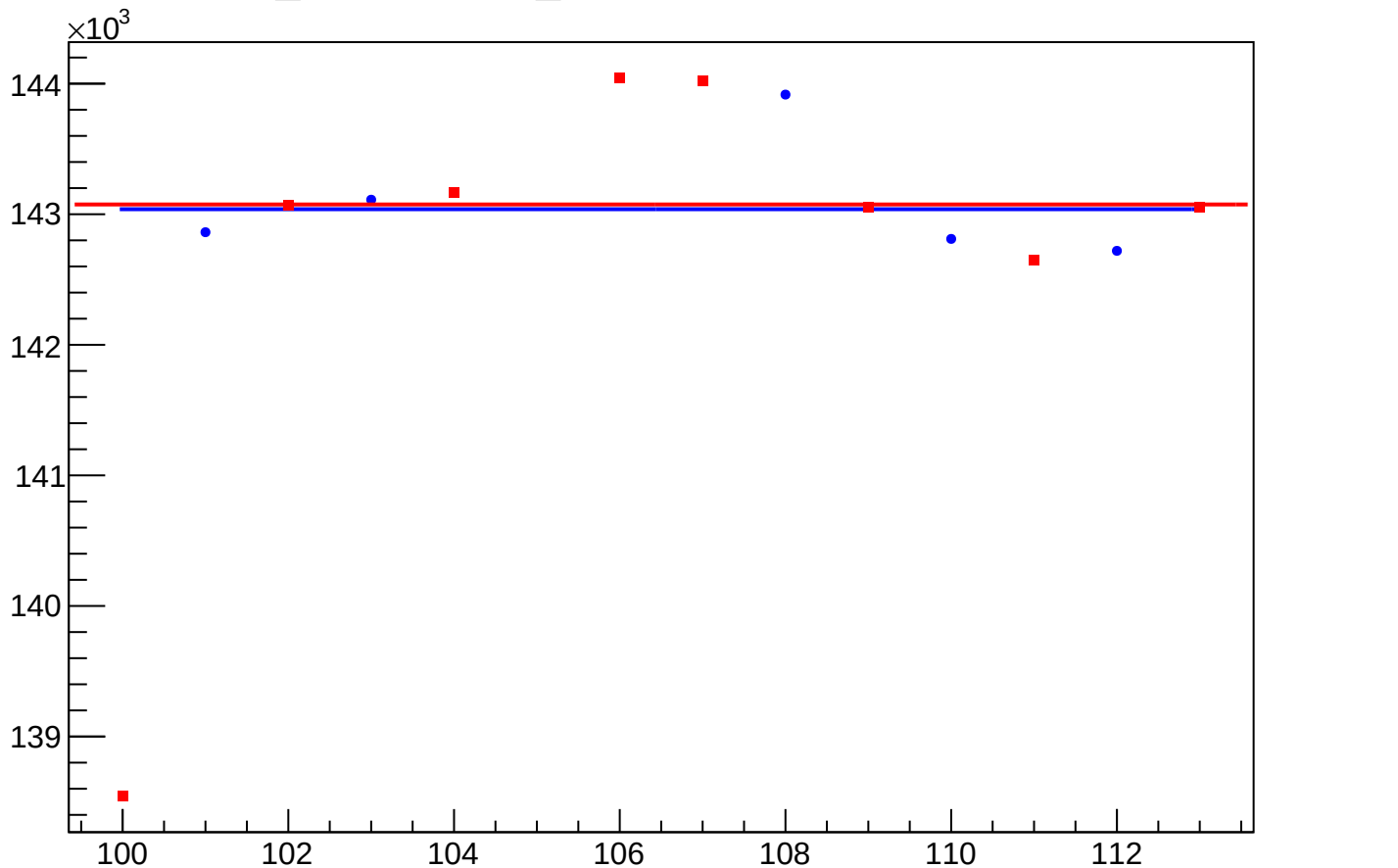
Right: 146.443+/-0.049 χ^2/NDF : 2059231.5/12

In: 155.348+/-0.078 χ^2/NDF : 930325.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 146.443+/-0.049 χ^2/NDF : 2059231.5/12

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 143061.098+/-0.074 χ^2 /NDF: 39850219.3/12

In: 143038.481+/-0.120 χ^2 /NDF:15049415.8/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 143061.098+/-0.074 χ^2 /NDF: 39850219.3/12

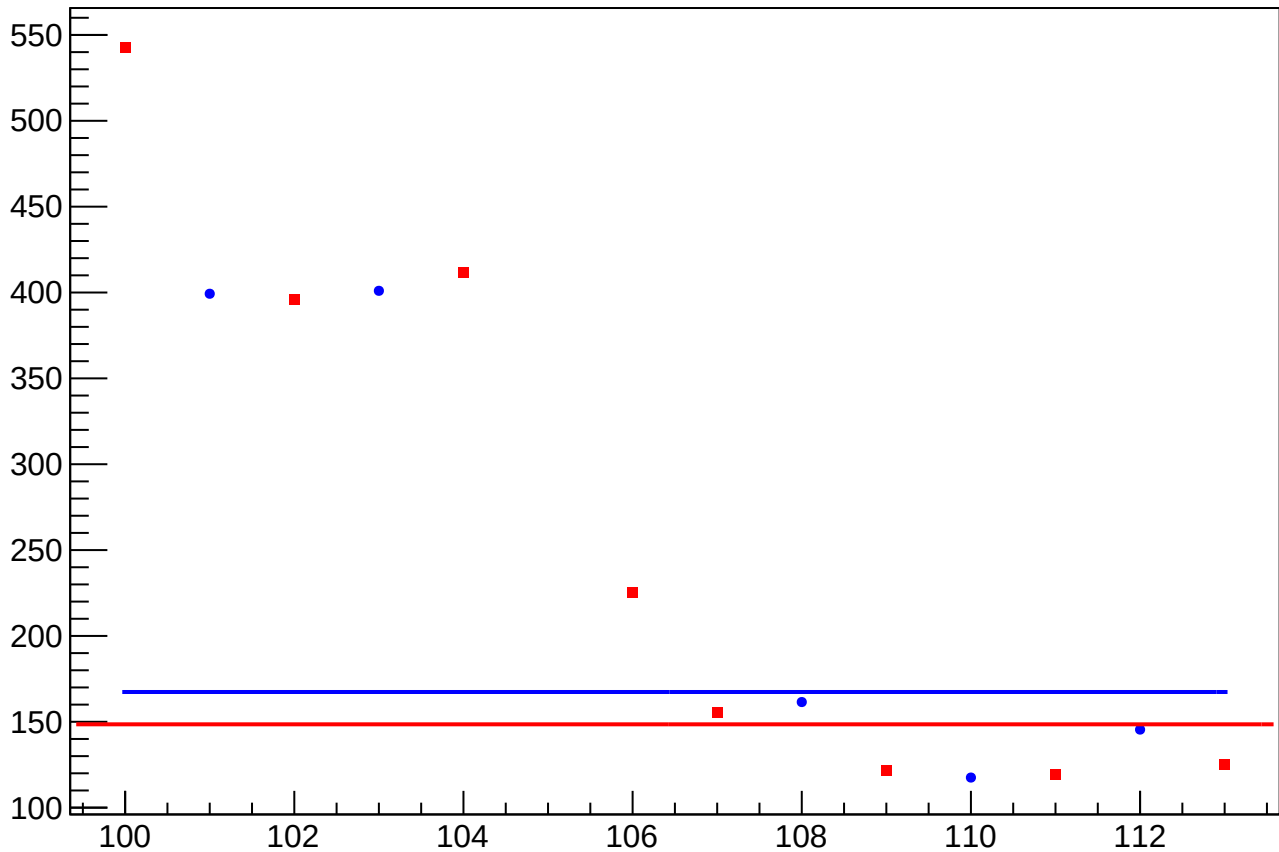
Right In: 143038.481+/-0.120 χ^2 /NDF: 15049415.8/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 143074.825+/-0.093 χ^2 /NDF: 24743644.7/7

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: 148.528+/-0.066 χ^2/NDF : 1202959.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

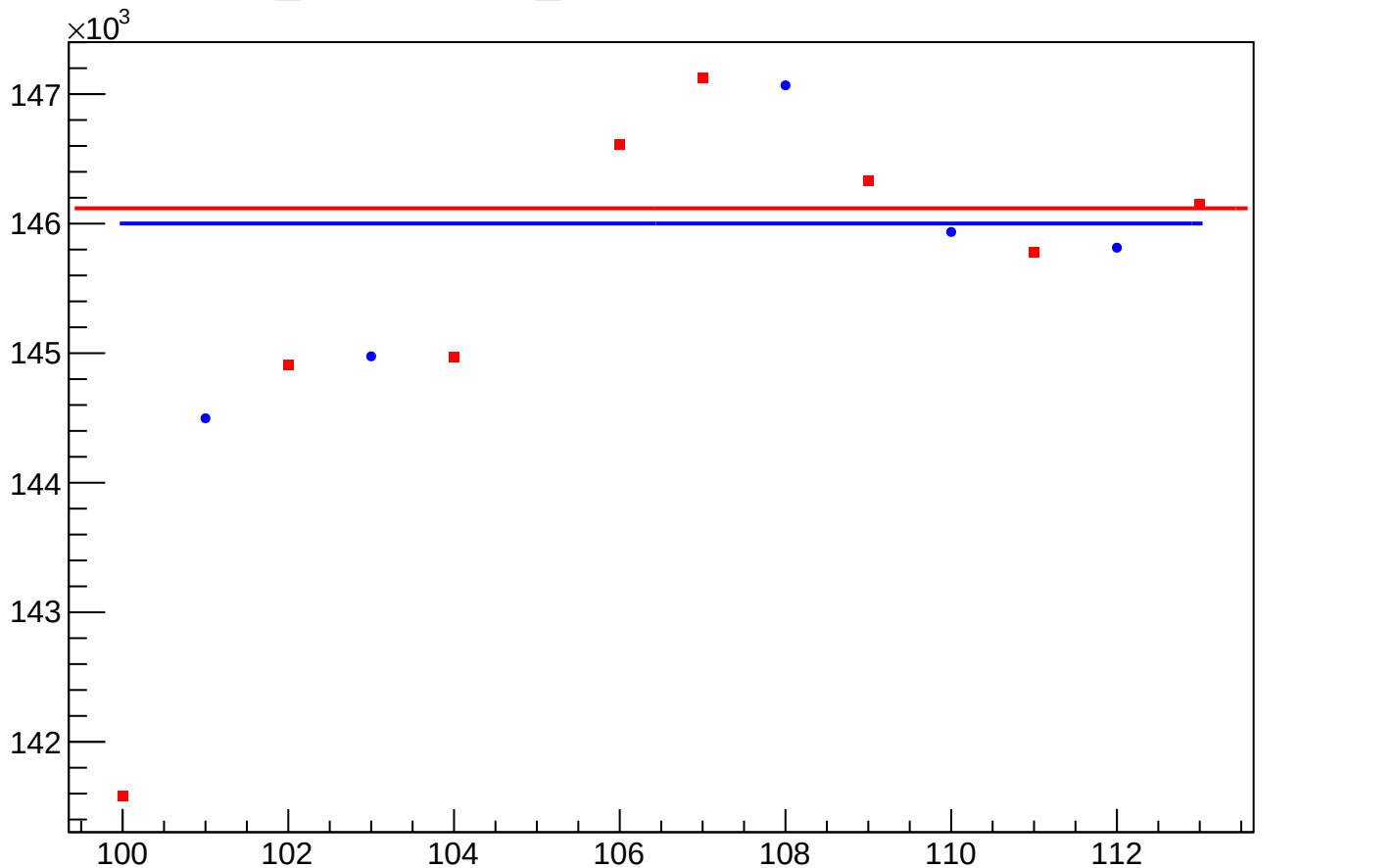
Right: 155.639+/-0.052 χ^2/NDF : 2235844.9/12

In: 167.354+/-0.085 χ^2/NDF : 1002213.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

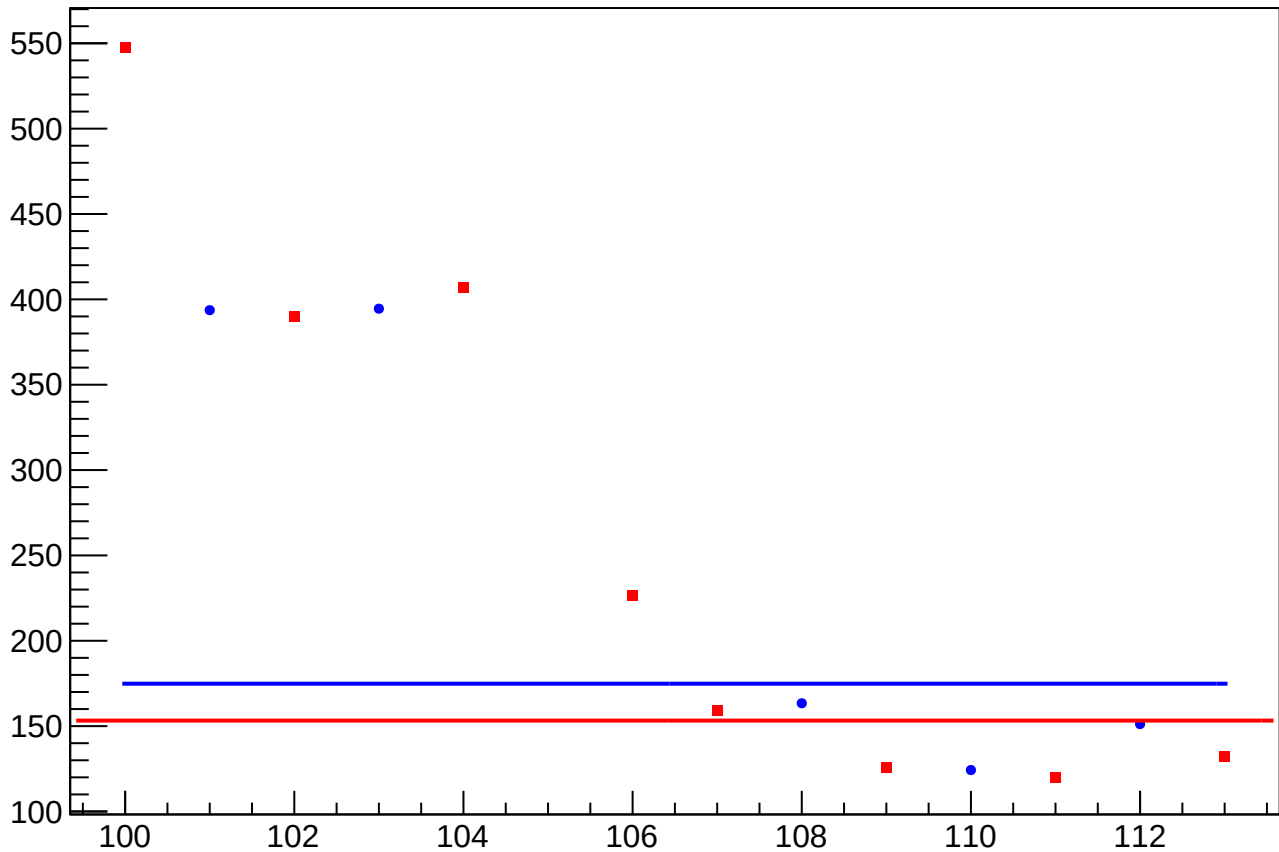
All: 155.639+/-0.052 χ^2/NDF : 2235844.9/12

yield_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: 146001.080 $\pm$ 0.124 χ^2 /NDF: 30926965.1/4
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 146118.163 $\pm$ 0.096 χ^2 /NDF: 31134565.4/7
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 146074.466 $\pm$ 0.076 χ^2 /NDF: 62618662.0/12
 In: 146001.080 $\pm$ 0.124 χ^2 /NDF:30926965.1/4
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 146074.466 $\pm$ 0.076 χ^2 /NDF: 62618662.0/12

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: 153.246+/-0.068 χ^2/NDF : 1152678.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

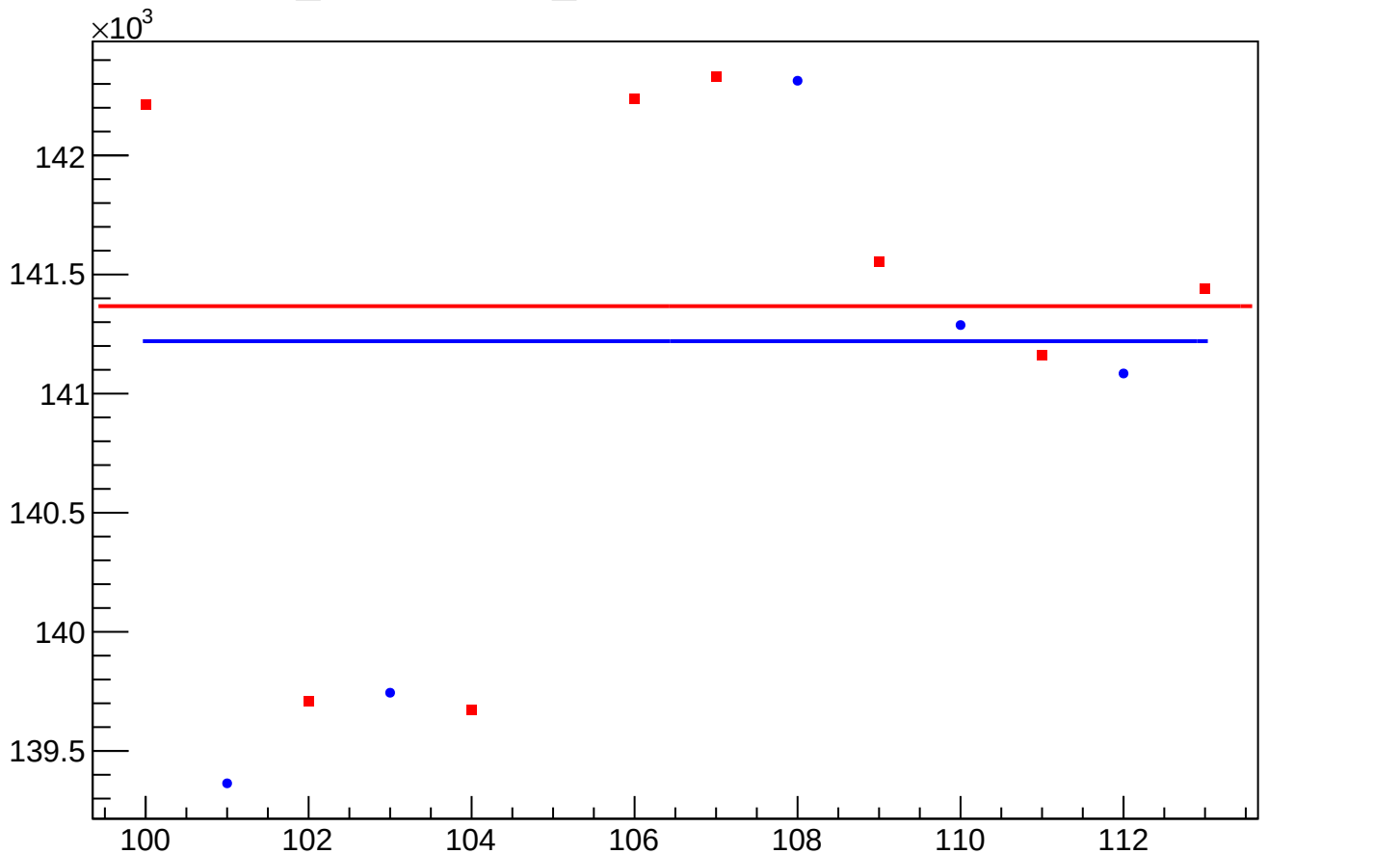
Right: 161.312+/-0.054 χ^2/NDF : 2112924.0/12

In: 174.859+/-0.088 χ^2/NDF : 922279.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

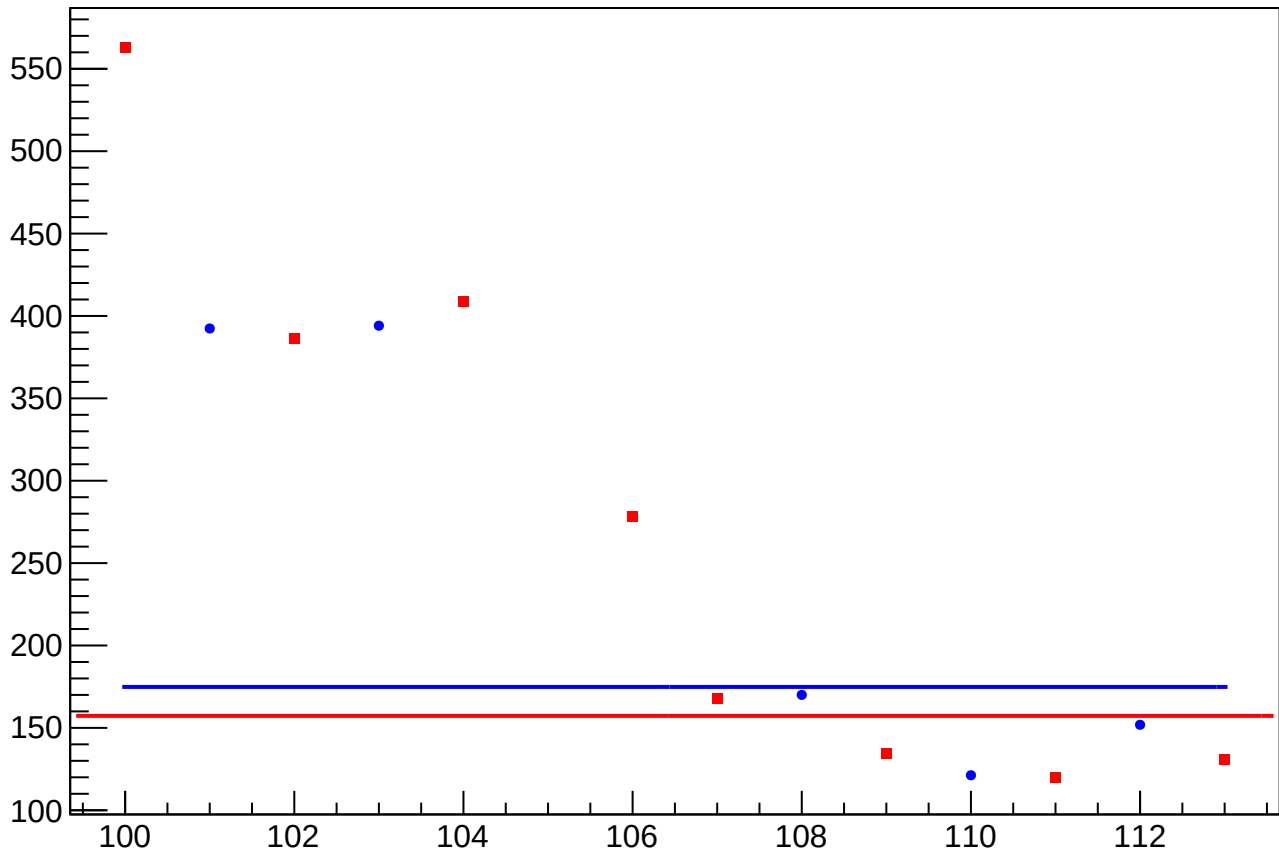
All: 161.312+/-0.054 χ^2/NDF : 2112924.0/12

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: 141310.392 $\pm$ 0.077 χ^2 /NDF: 74489799.9/12
 In: 141220.211 $\pm$ 0.125 χ^2 /NDF: 39619823.5/4
 Right Out: 141367.141 $\pm$ 0.099 χ^2 /NDF: 34015234.9/7
 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: 141310.392 $\pm$ 0.077 χ^2 /NDF: 74489799.9/12

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: 157.298+/-0.070 χ^2/NDF : 1179117.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

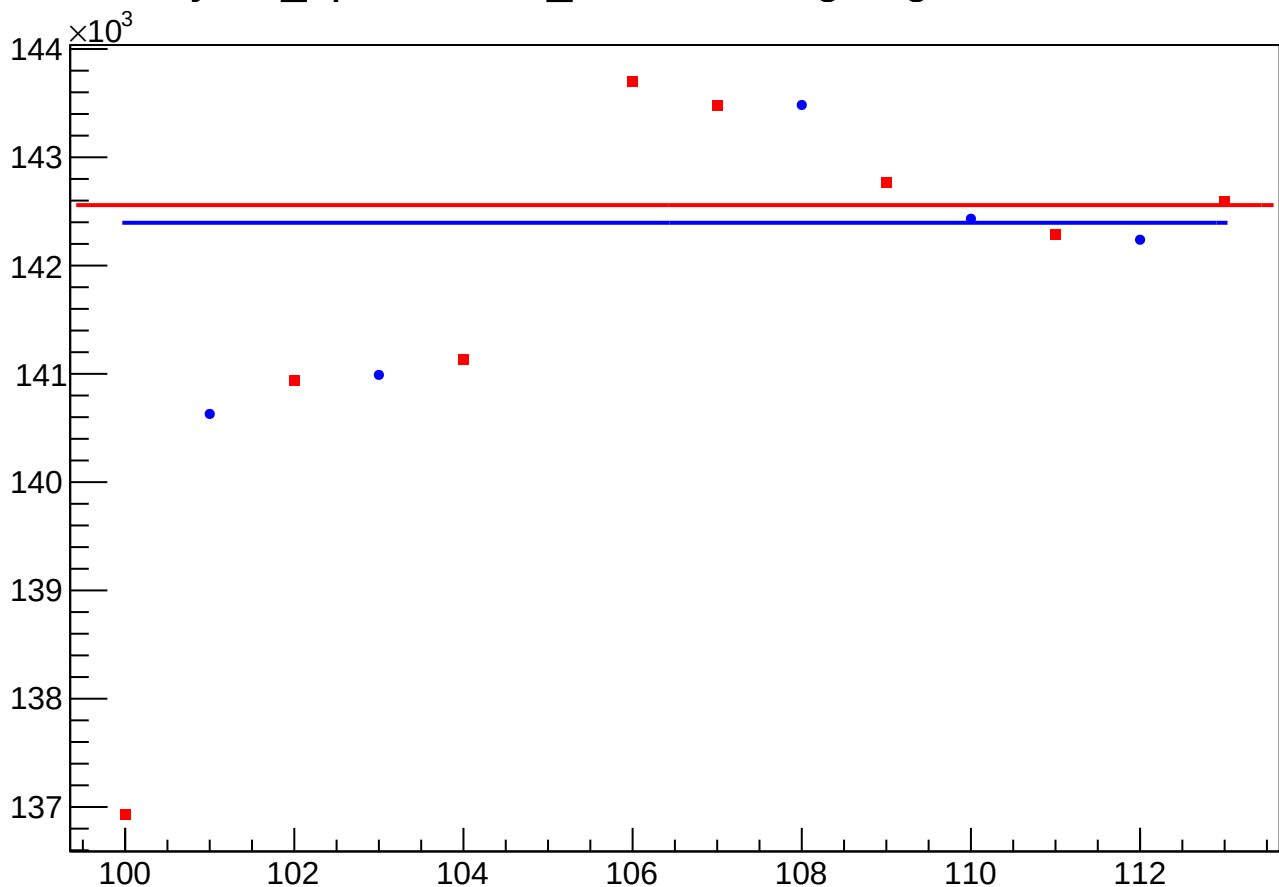
Right: 164.080+/-0.055 χ^2/NDF : 2138053.5/12

In: 174.855+/-0.088 χ^2/NDF : 934527.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

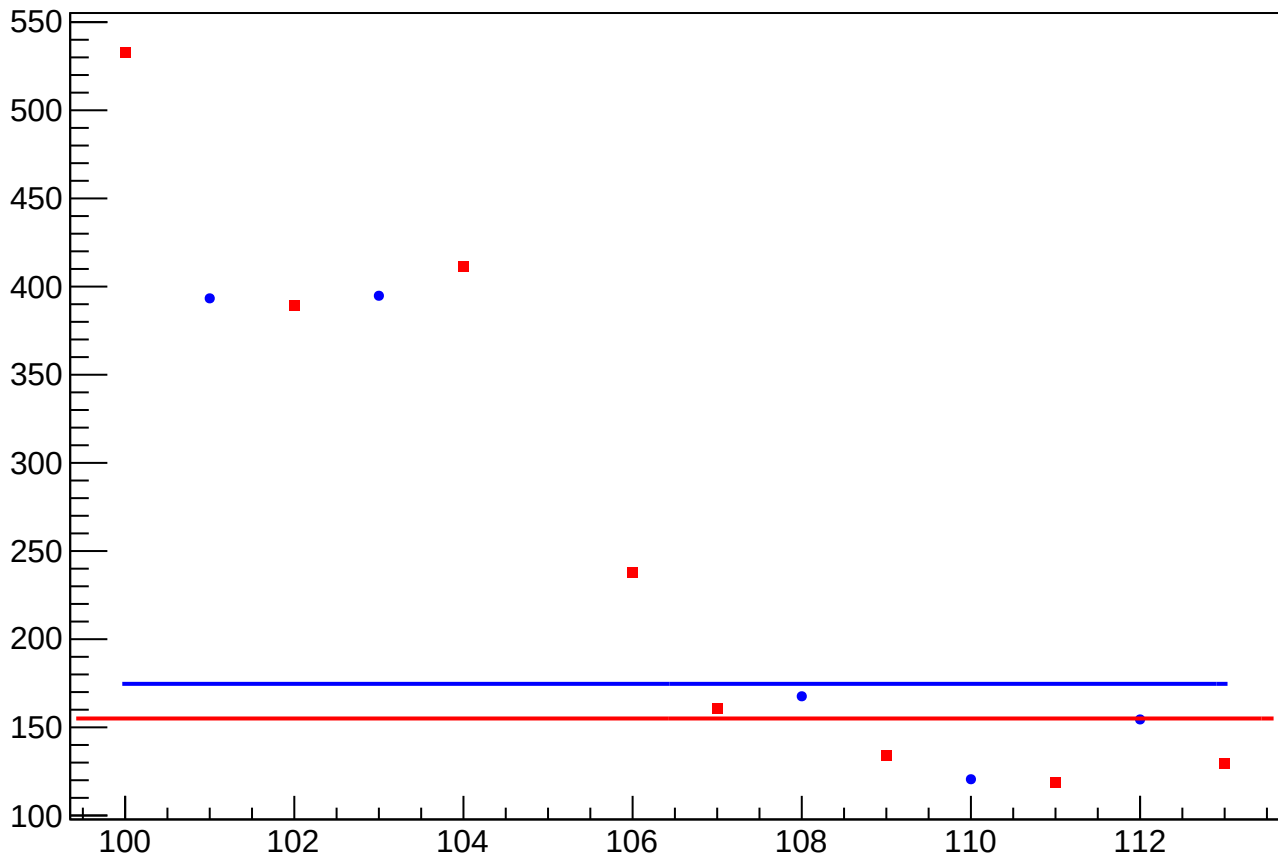
All: 164.080+/-0.055 χ^2/NDF : 2138053.5/12

yield_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: 142395.295 $\pm$ 0.124 χ^2 /NDF: 37610188.6/4
 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: 142496.550 $\pm$ 0.077 χ^2 /NDF: 81882551.7/12
 Right Out: 142558.469 $\pm$ 0.097 χ^2 /NDF: 43204406.9/7
 In: 142395.295 $\pm$ 0.124 χ^2 /NDF: 37610188.6/4
 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: 142496.550 $\pm$ 0.077 χ^2 /NDF: 81882551.7/12

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: 155.021+/-0.069 χ^2/NDF : 1147572.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

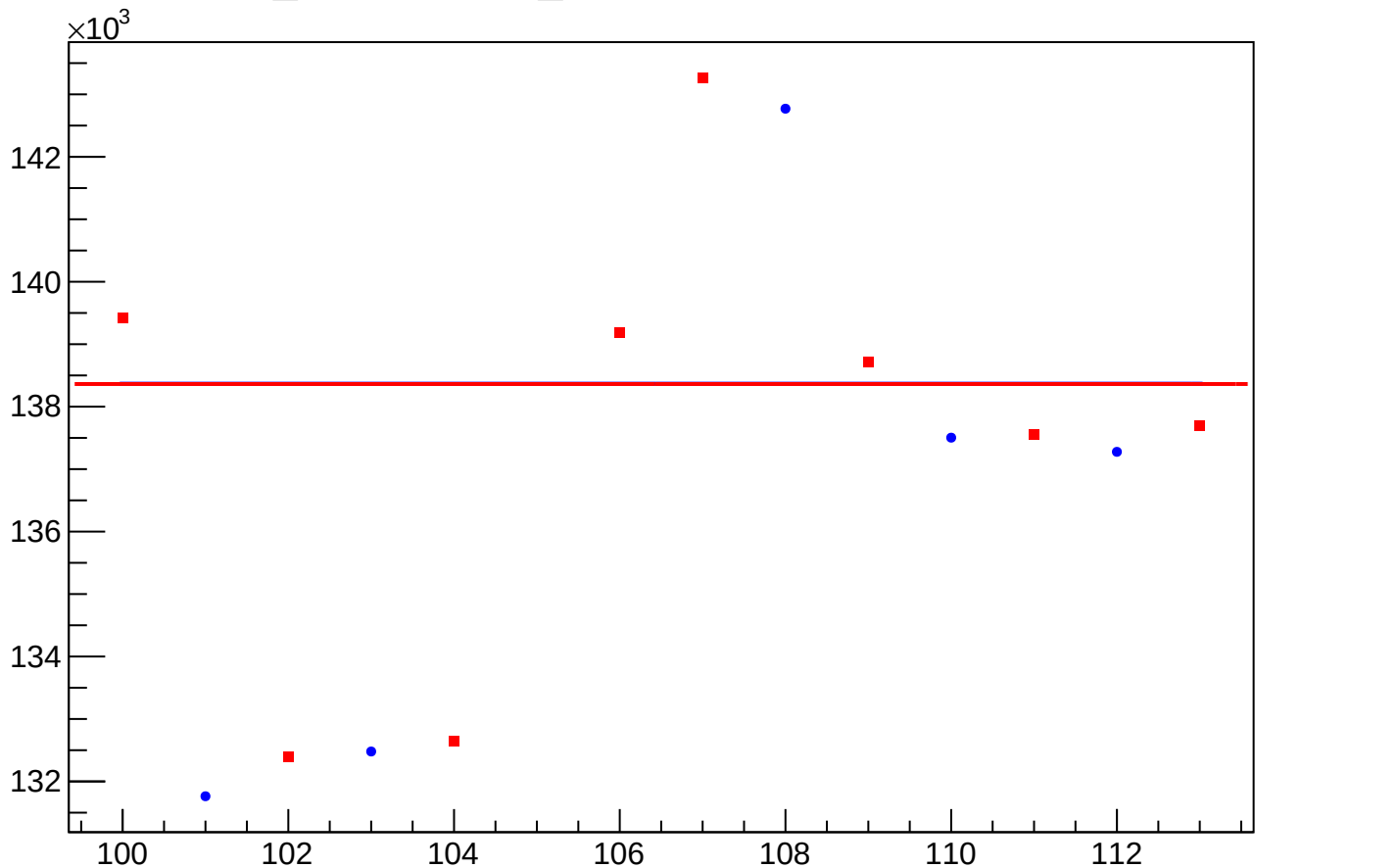
Right: 162.477+/-0.054 χ^2/NDF : 2117745.1/12

In: 174.670+/-0.088 χ^2/NDF : 939200.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

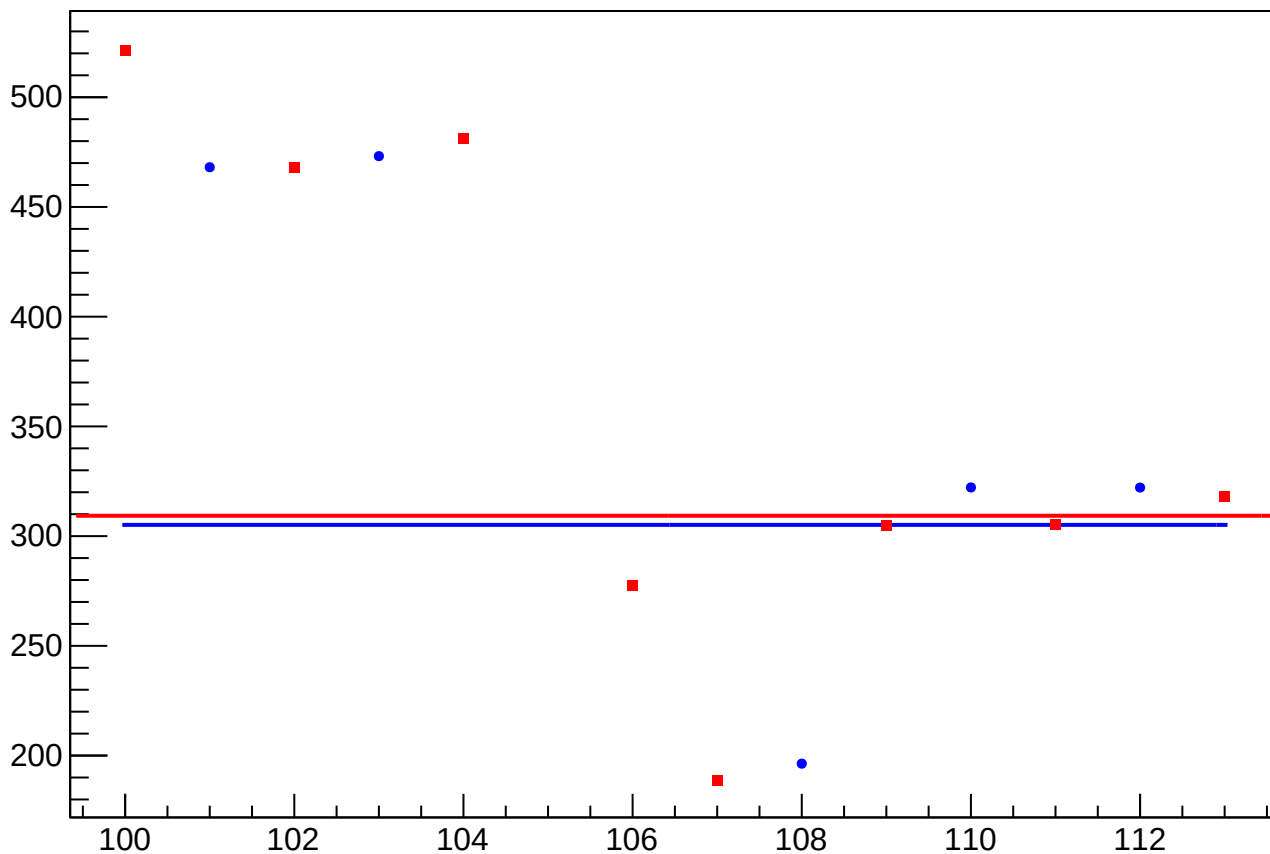
All: 162.477+/-0.054 χ^2/NDF : 2117745.1/12

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: 138364.876 $\pm$ 0.136 χ^2 /NDF: 761736698.1/1
 Right Out: 138362.791 $\pm$ 0.182 χ^2 /NDF: 338625920.9/7
 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: 138364.876 $\pm$ 0.136 χ^2 /NDF: 761736698.1/1

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: 309.289+/-0.129 χ^2/NDF : 495065.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

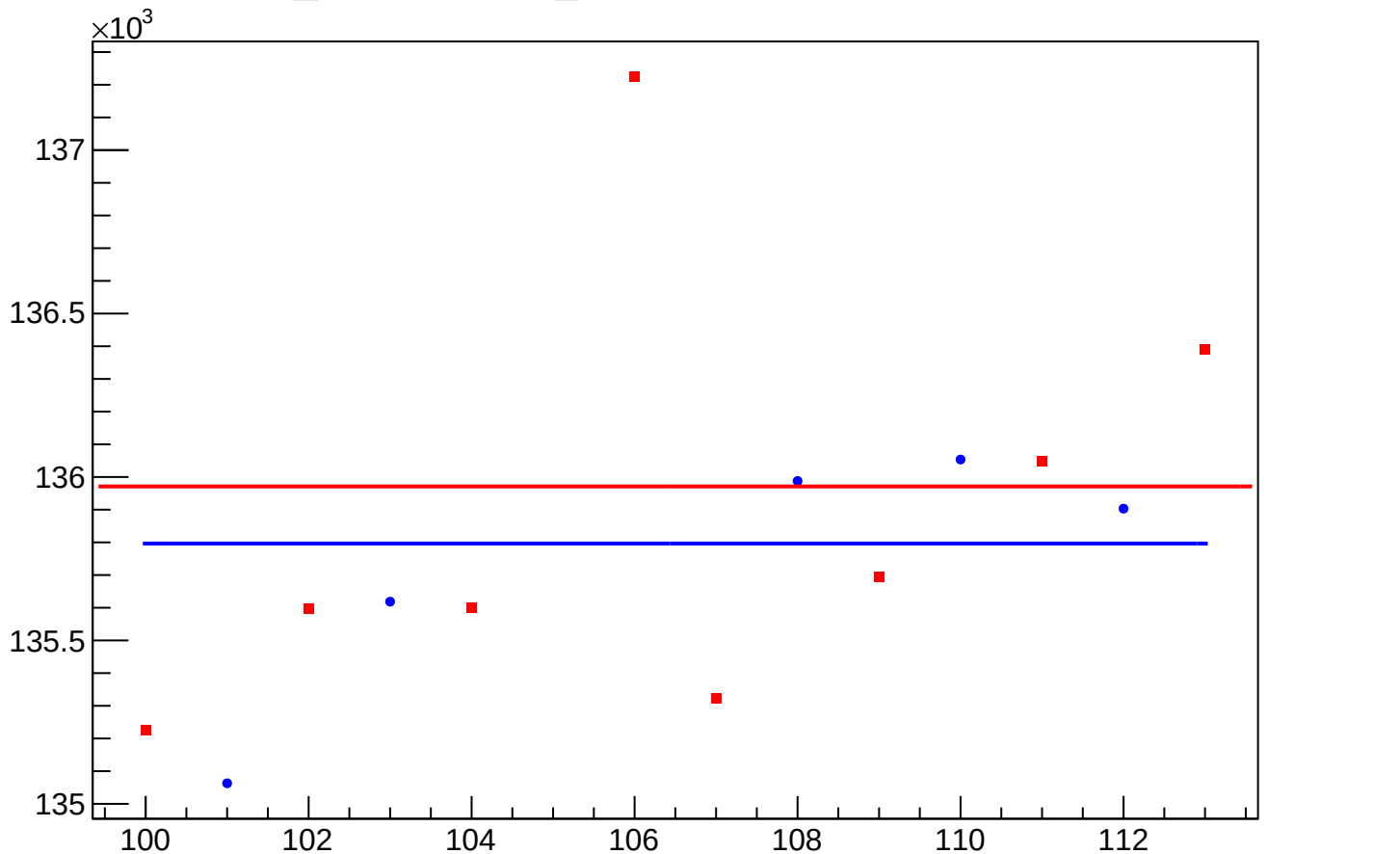
Right: 307.464+/-0.096 χ^2/NDF : 1044861.1/12

In: 305.129+/-0.146 χ^2/NDF : 549337.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

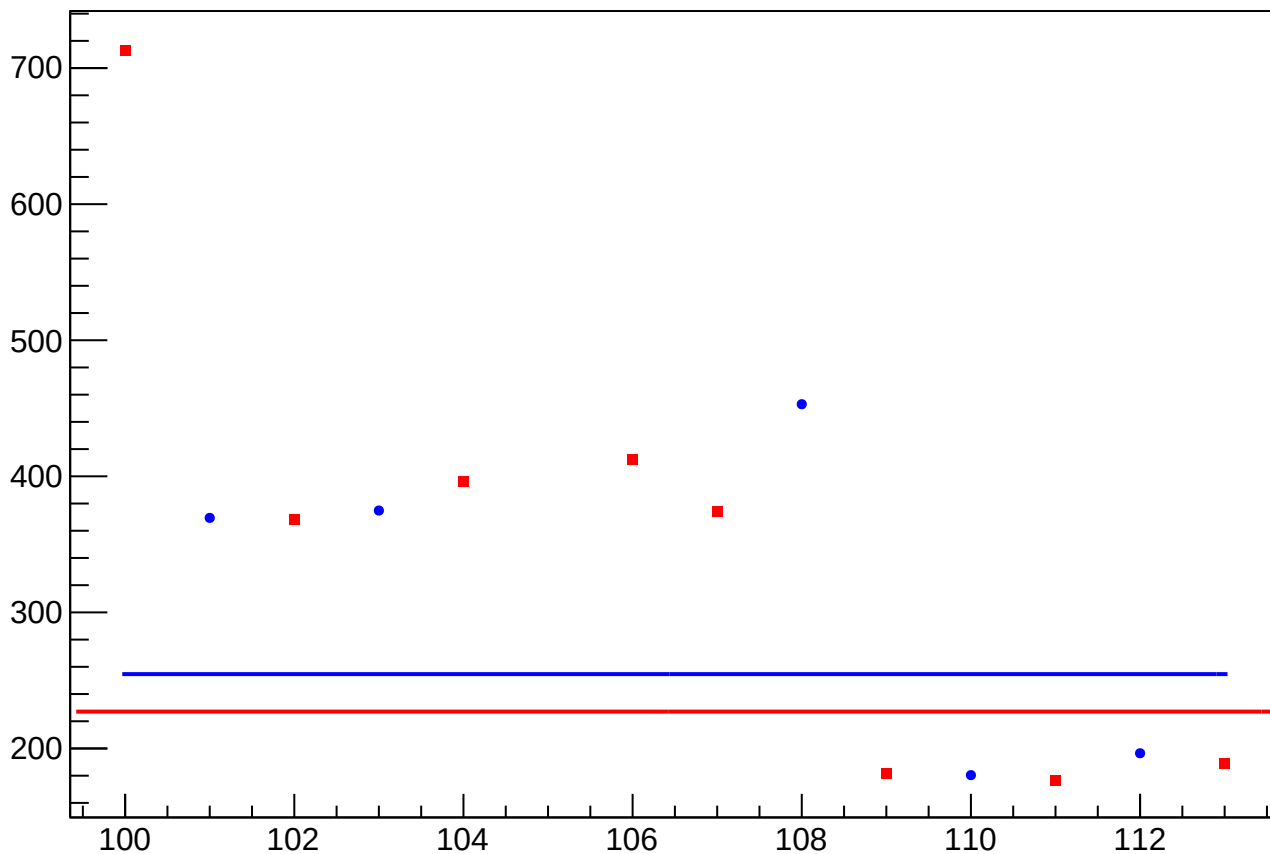
All: 307.464+/-0.096 χ^2/NDF : 1044861.1/12

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 135796.514 $\pm$ 0.174 χ^2 /NDF: 3609093.1/4
 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: 135903.300 $\pm$ 0.108 χ^2 /NDF: 12008804.2/12
 Right Out: 135971.030 $\pm$ 0.139 χ^2 /NDF: 7784999.5/7
 In: 135796.514 $\pm$ 0.174 χ^2 /NDF: 3609093.1/4
 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: 135903.300 $\pm$ 0.108 χ^2 /NDF: 12008804.2/12

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: 227.082+/-0.098 χ^2/NDF : 785611.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

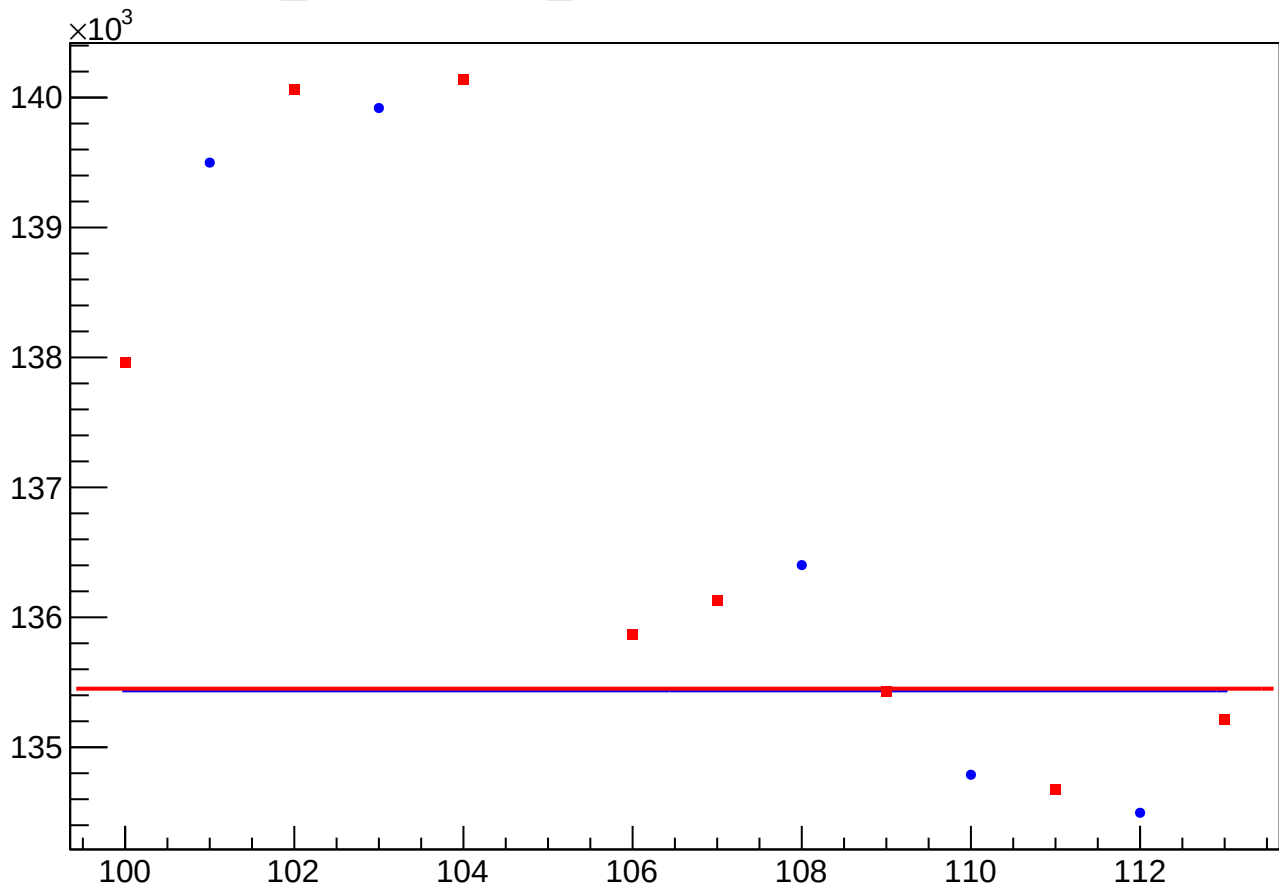
Right: 237.777+/-0.077 χ^2/NDF : 1410777.5/12

In: 254.639+/-0.123 χ^2/NDF : 594511.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 237.777+/-0.077 χ^2/NDF : 1410777.5/12

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: 135445.548+/-0.059 χ^2 /NDF: 444651950.5/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 135450.679+/-0.076 χ^2 /NDF: 207125586.4/7

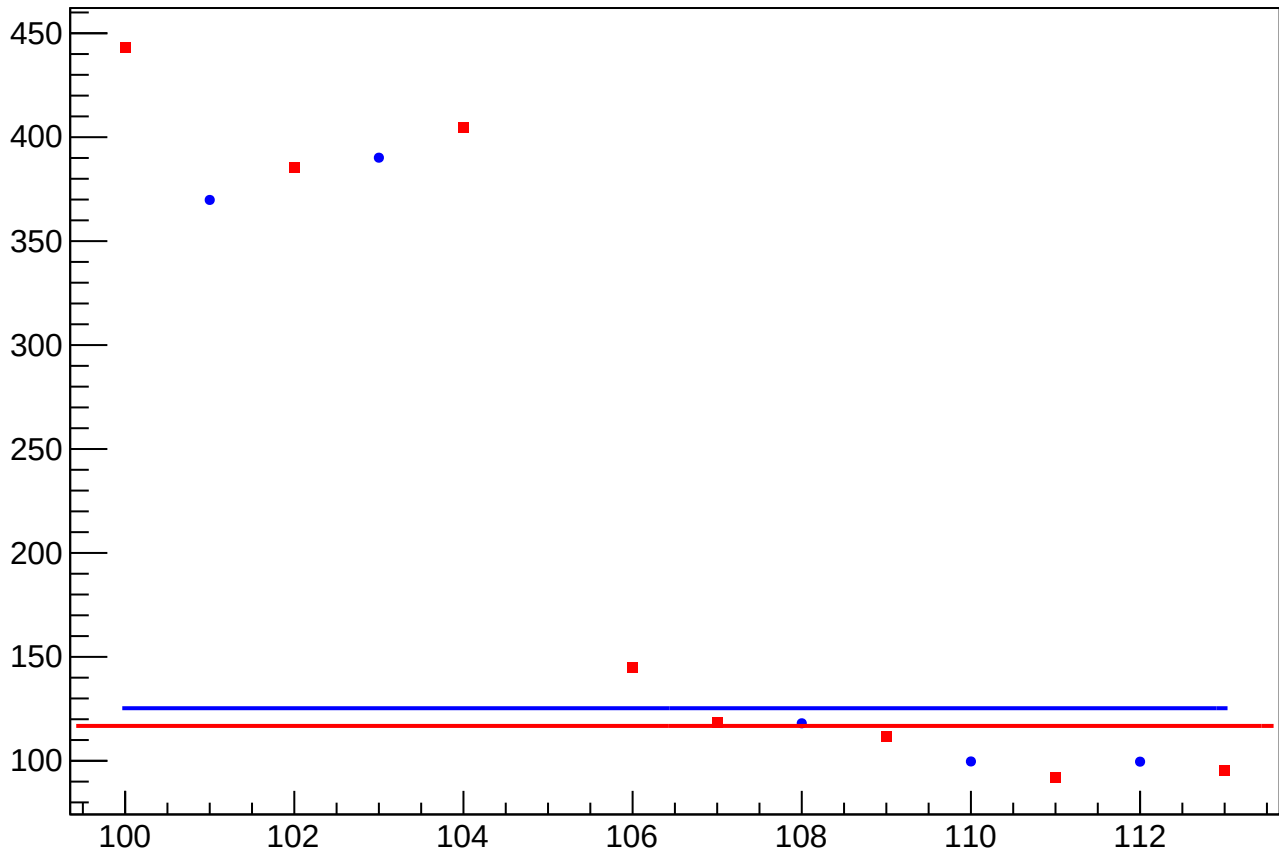
In: 135437.824+/-0.093 χ^2 /NDF: 237514938.2/4

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 135445.548+/-0.059 χ^2 /NDF: 444651950.5/1

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: 116.787+/-0.054 χ^2/NDF : 1356532.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

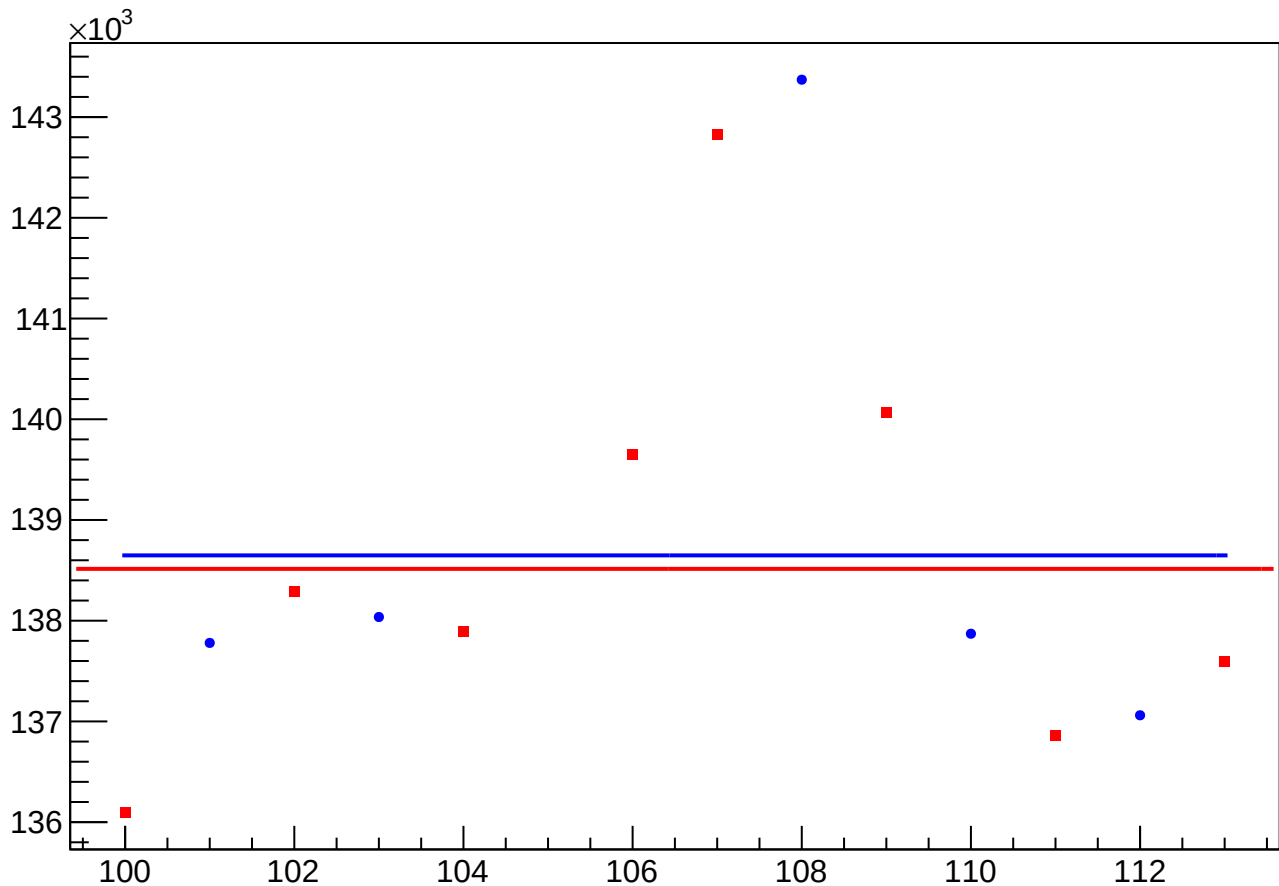
Right: 120.187+/-0.042 χ^2/NDF : 2602164.8/12

In: 125.305+/-0.066 χ^2/NDF : 1235600.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

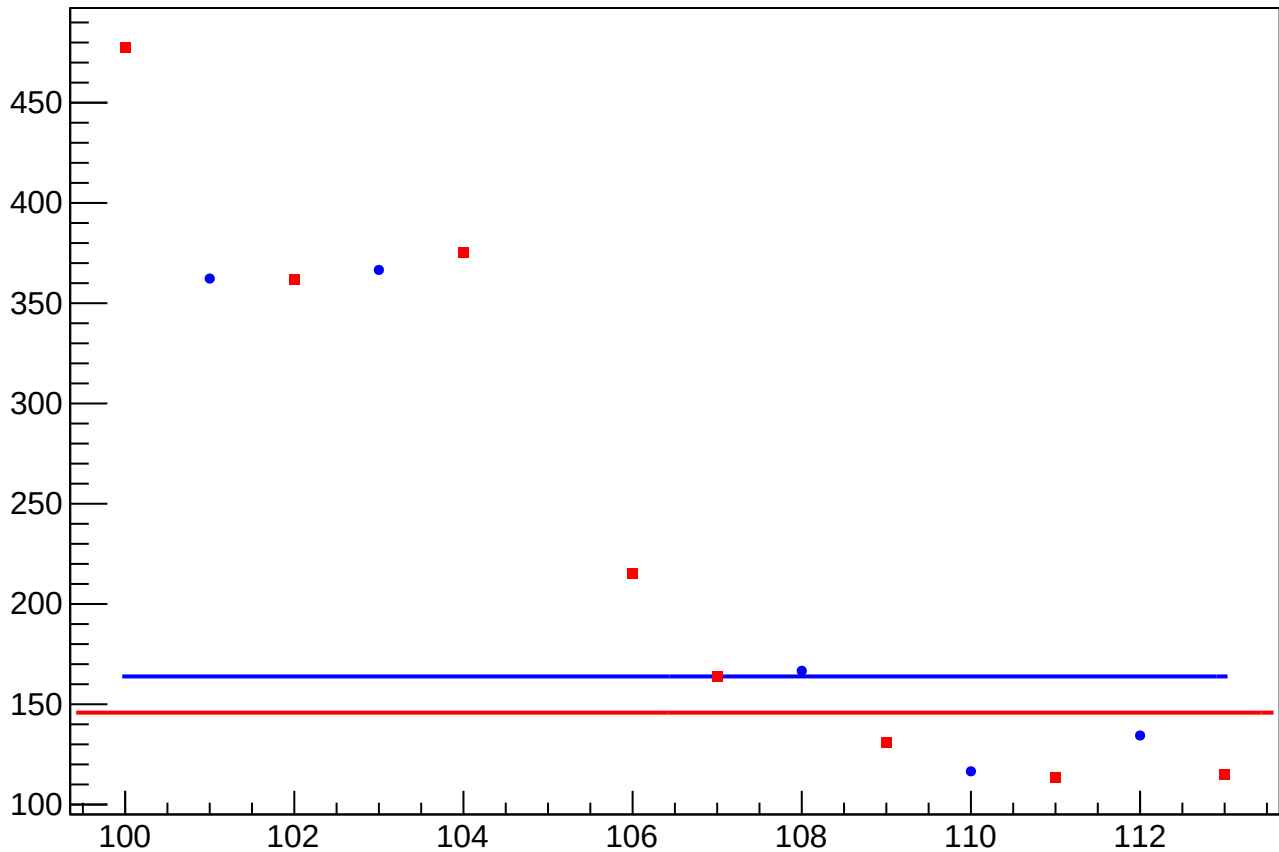
All: 120.187+/-0.042 χ^2/NDF : 2602164.8/12

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 138648.590 $\pm$ 0.117 χ^2 /NDF: 391977411.2/4
 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: 138566.132 $\pm$ 0.072 χ^2 /NDF: 755998844.3/1
 In: 138648.590 $\pm$ 0.117 χ^2 /NDF: 391977411.2/4
 Right Out: 138514.766 $\pm$ 0.092 χ^2 /NDF: 363210329.5/7
 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: 138566.132 $\pm$ 0.072 χ^2 /NDF: 755998844.3/1

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: 145.824+/-0.065 χ^2/NDF : 1119275.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

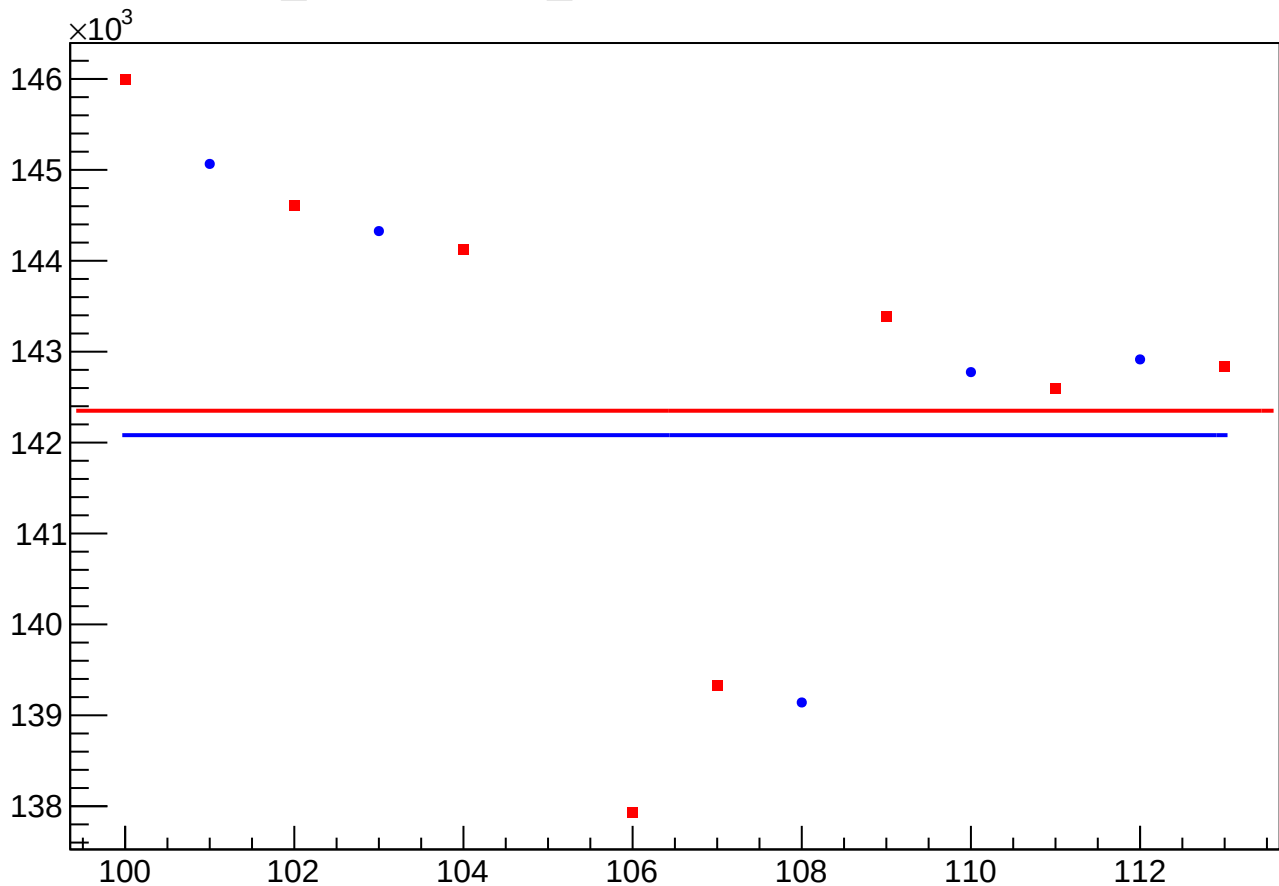
Right: 152.755+/-0.051 χ^2/NDF : 2069455.4/12

In: 163.879+/-0.082 χ^2/NDF : 920652.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

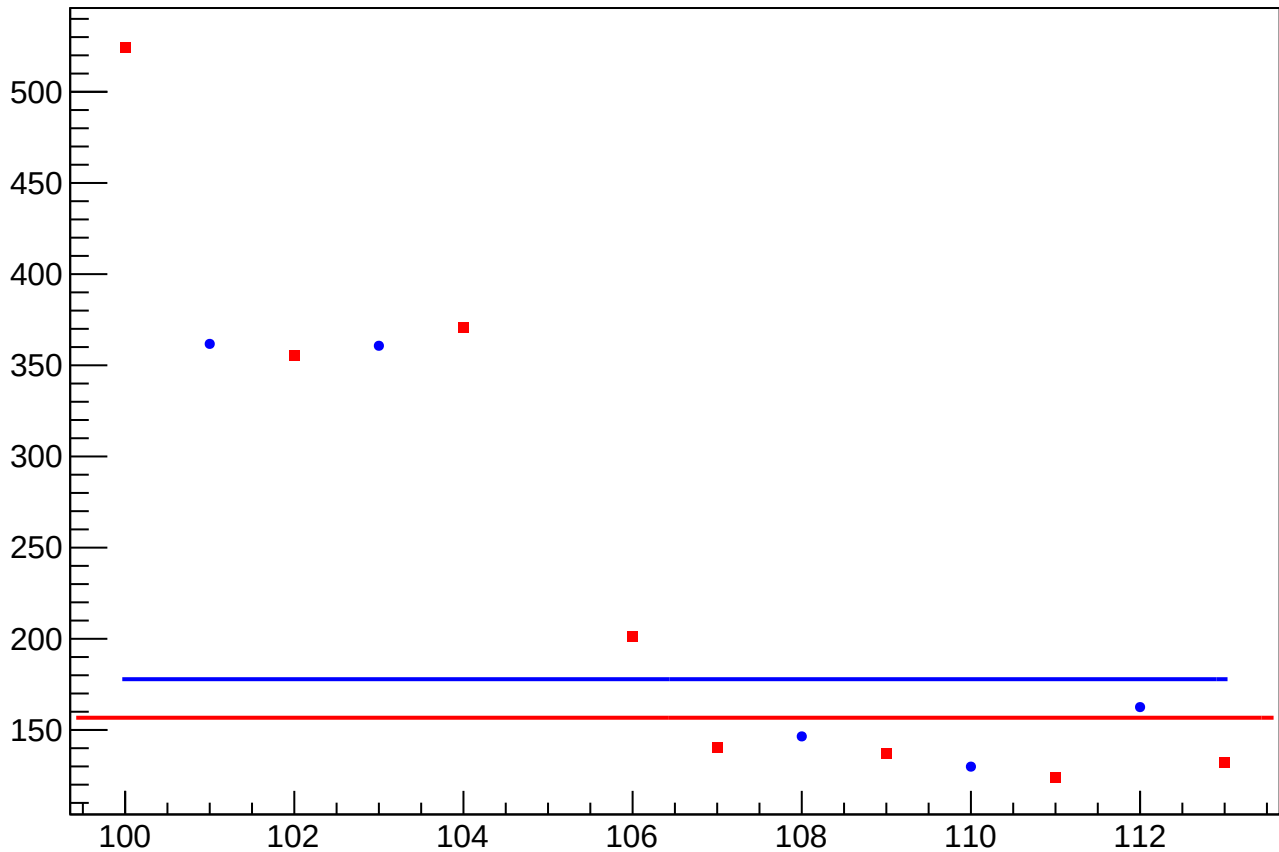
All: 152.755+/-0.051 χ^2/NDF : 2069455.4/12

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 142081.761 $\pm$ 0.125 χ^2 /NDF: 244459954.8/4
 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: 142248.833 $\pm$ 0.077 χ^2 /NDF: 556836537.7/1
 In: 142081.761 $\pm$ 0.125 χ^2 /NDF: 244459954.8/4
 Right Out: 142350.446 $\pm$ 0.098 χ^2 /NDF: 309505782.3/7
 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: 142248.833 $\pm$ 0.077 χ^2 /NDF: 556836537.7/1

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: 156.709 $\pm$ 0.069 χ^2 /NDF: 960270.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

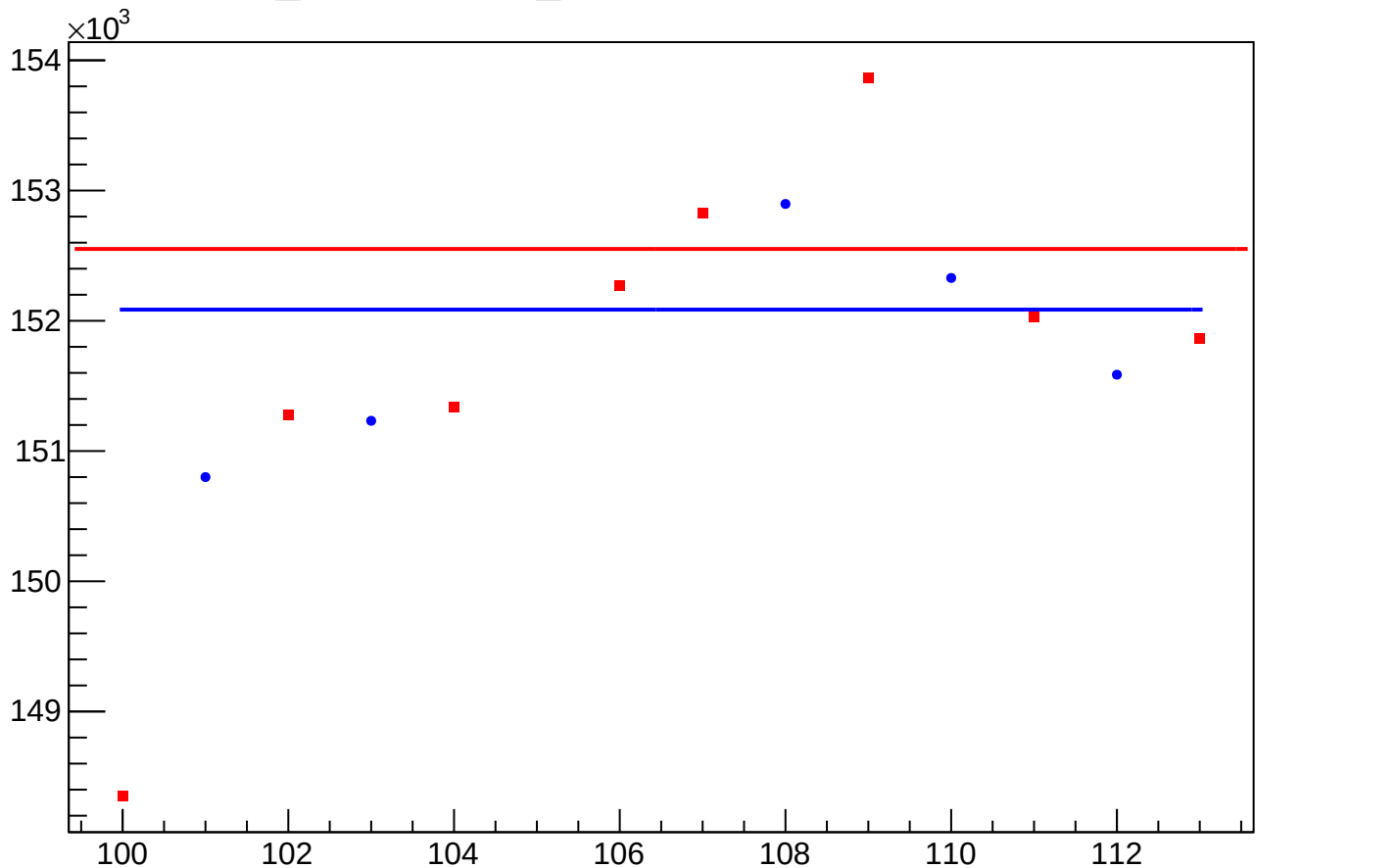
Right: 164.702 $\pm$ 0.054 χ^2 /NDF: 1780336.8/12

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: 164.702 $\pm$ 0.054 χ^2 /NDF: 1780336.8/12

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 152380.616+/-0.084 χ^2 /NDF: 107126061.7/1

In: 152085.826+/-0.139 χ^2 /NDF: 23859227.2/4

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 152380.616+/-0.084 χ^2 /NDF: 107126061.7/1

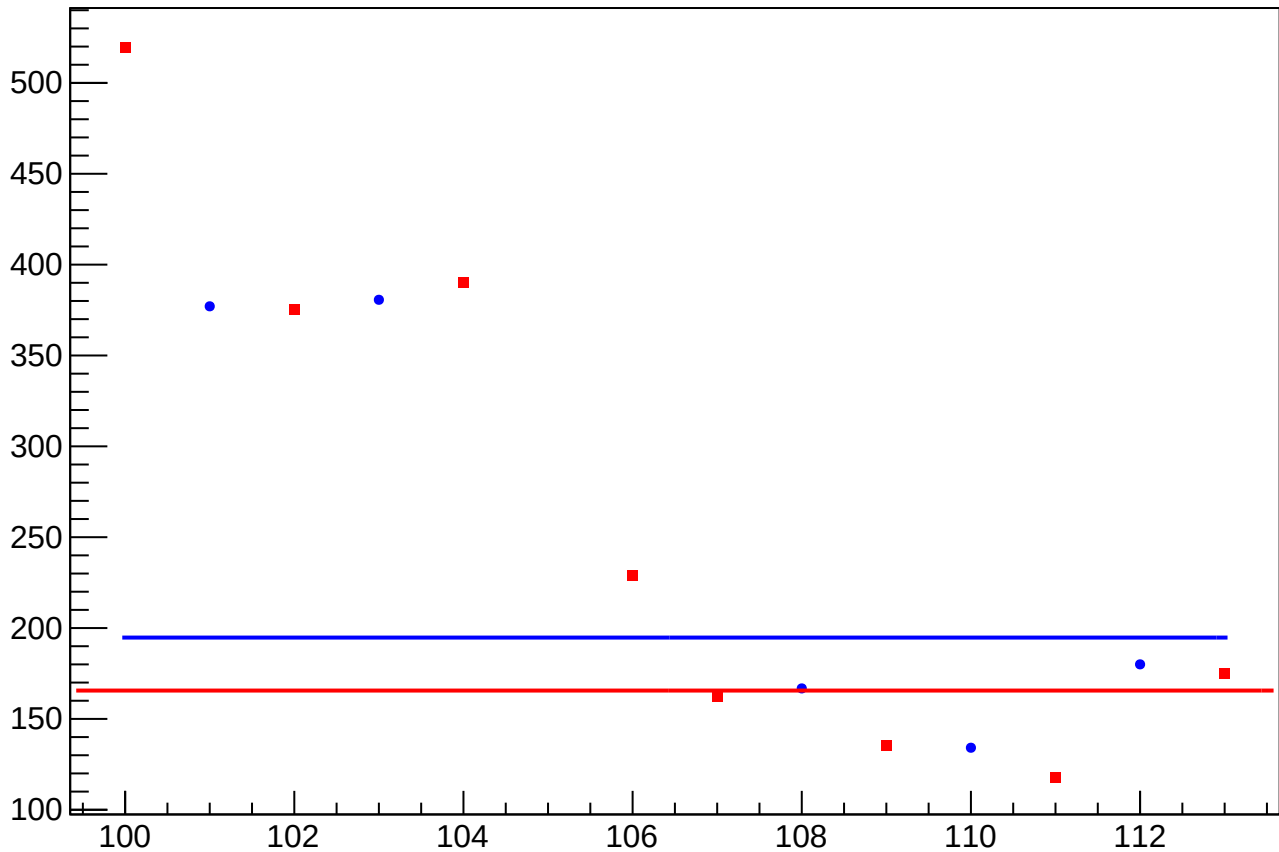
Right In: 152085.826+/-0.139 χ^2 /NDF: 23859227.2/4

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 152551.732+/-0.106 χ^2 /NDF: 76119658.0/7

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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: 165.604+/-0.075 χ^2/NDF : 1041245.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

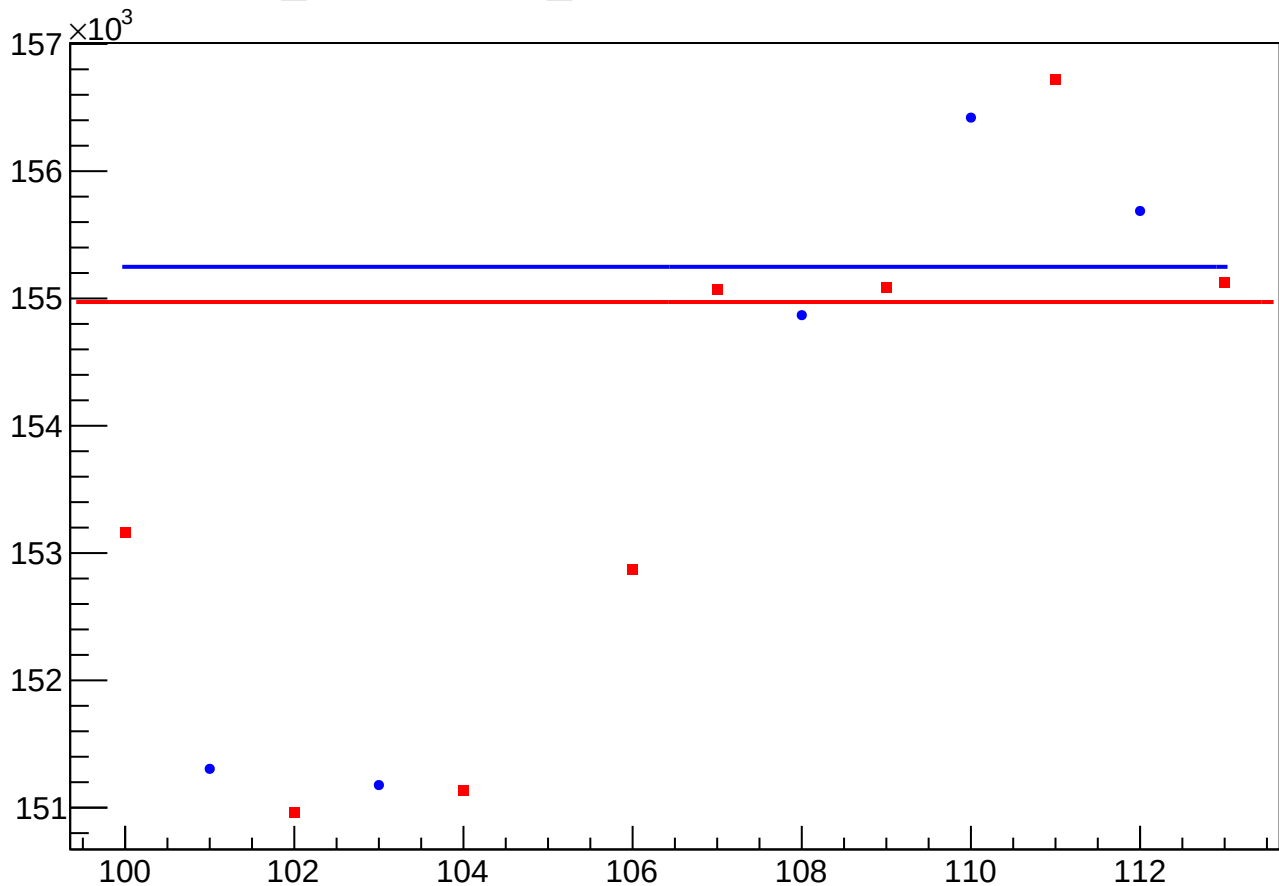
Right: 176.314+/-0.059 χ^2/NDF : 1846181.6/12

In: 194.763+/-0.098 χ^2/NDF : 748943.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

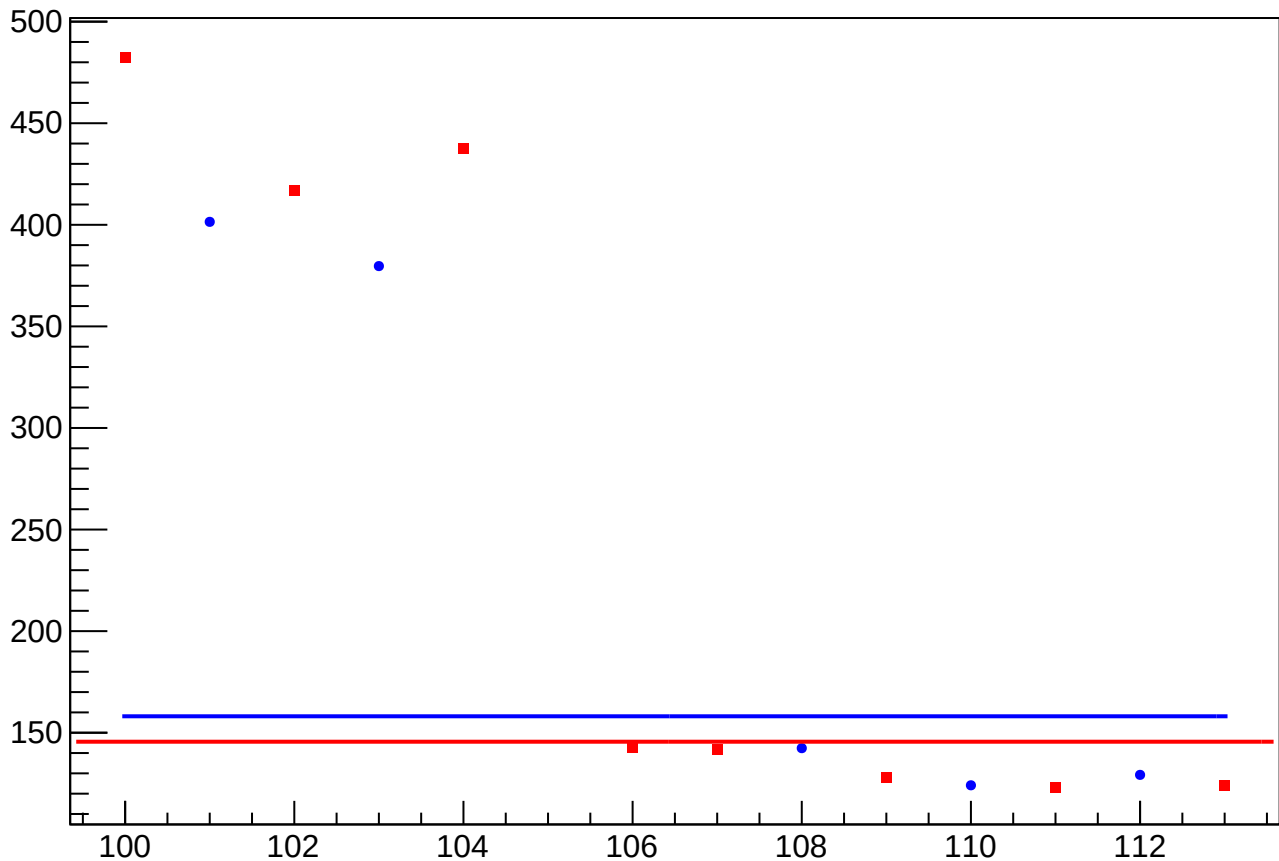
All: 176.314+/-0.059 χ^2/NDF : 1846181.6/12

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 155248.647+/-0.114 χ^2 /NDF: 168571473.3/4
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 155078.570+/-0.071 χ^2 /NDF: 430485445.4/1
 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: 155078.570+/-0.071 χ^2 /NDF: 430485445.4/1

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: 145.574+/-0.064 χ^2/NDF : 1156403.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

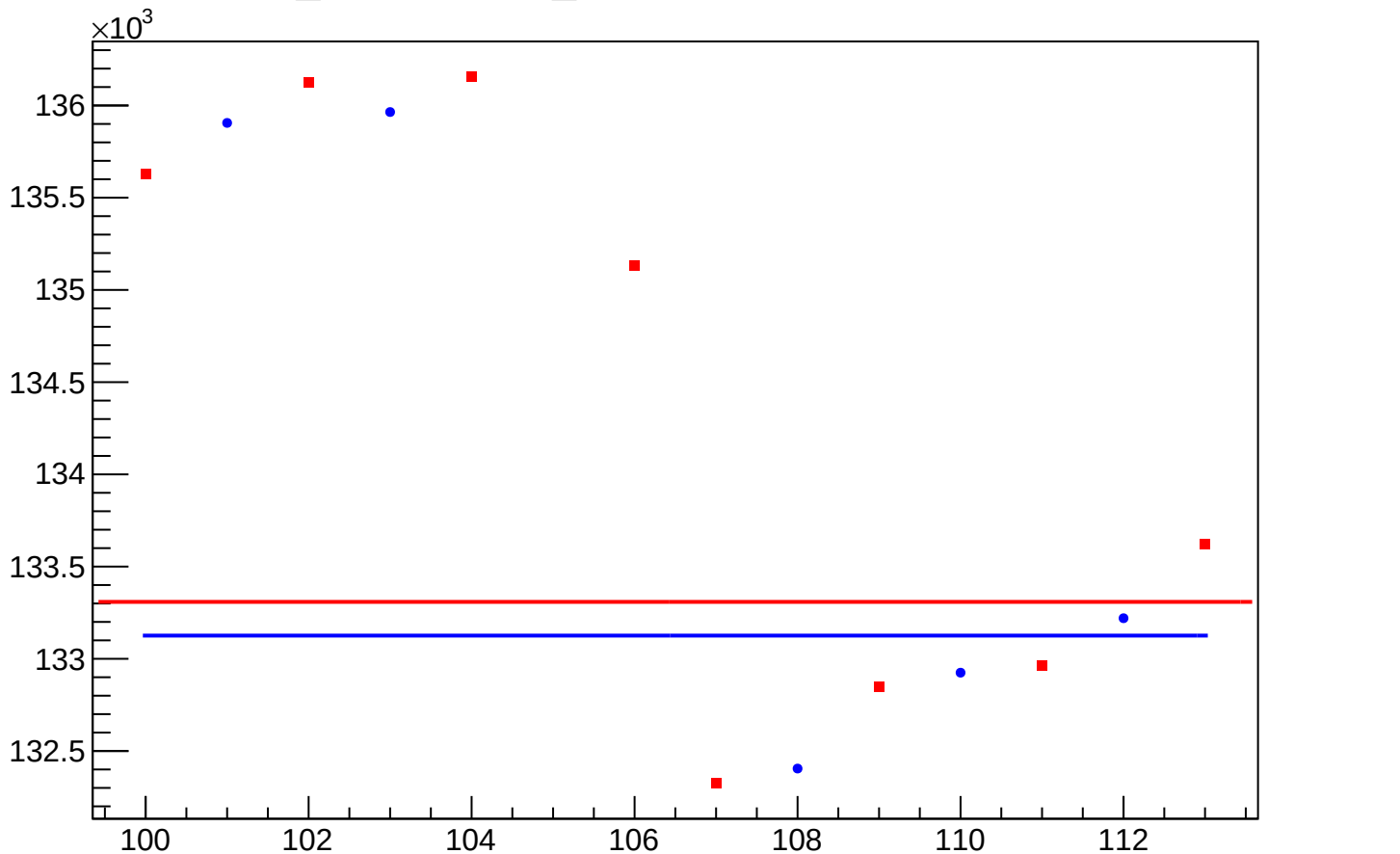
Right: 150.390+/-0.050 χ^2/NDF : 2146370.7/12

In: 158.089+/-0.081 χ^2/NDF : 975139.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

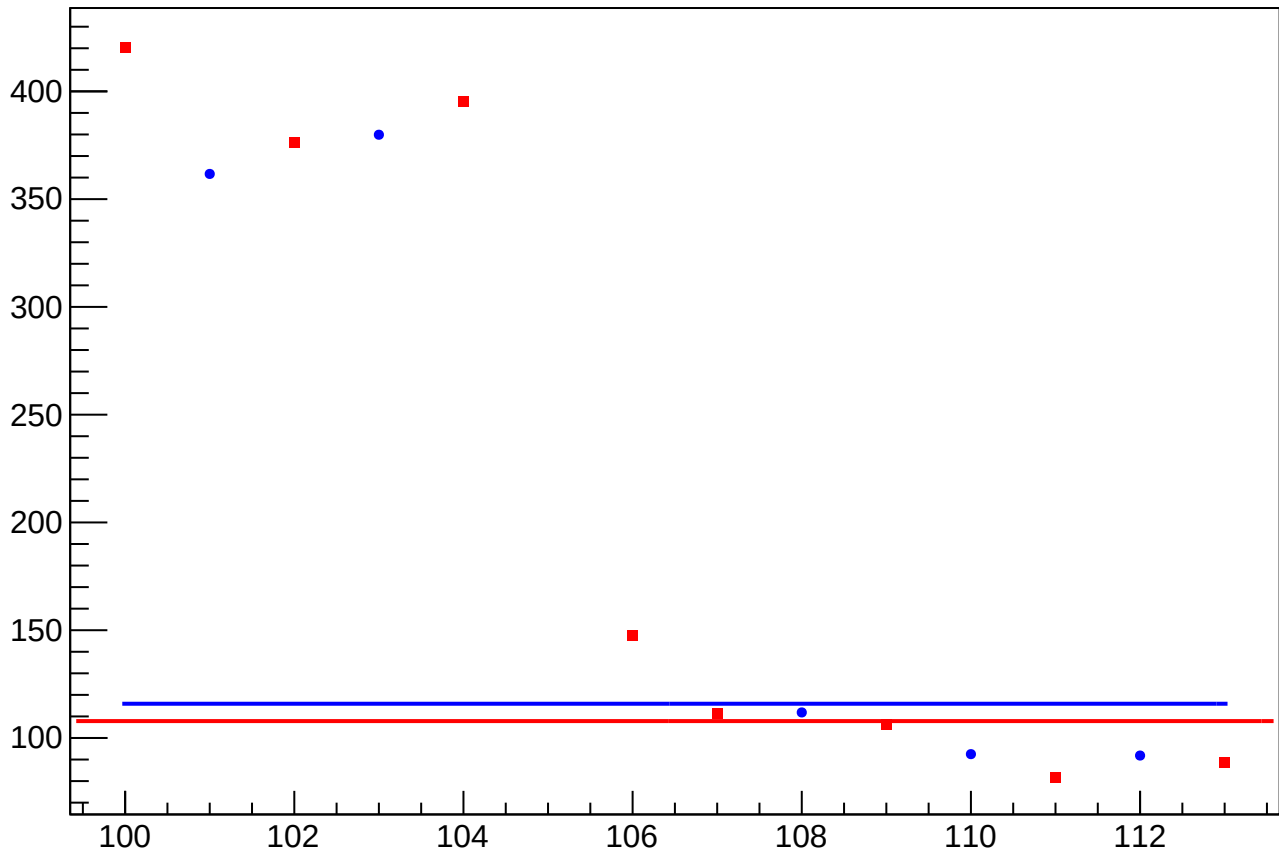
All: 150.390+/-0.050 χ^2/NDF : 2146370.7/12

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 133236.210+/-0.055 χ^2/NDF : 236982957.0/1
 Right In: 133125.851+/-0.087 χ^2/NDF : 90628487.1/4
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 133125.851+/-0.087 χ^2/NDF : 90628487.1/4
 Right Out: 133308.605+/-0.070 χ^2/NDF : 143667845.1/7
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 133236.210+/-0.055 χ^2/NDF : 236982957.0/1

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: 107.841+/-0.050 χ^2/NDF : 1451981.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

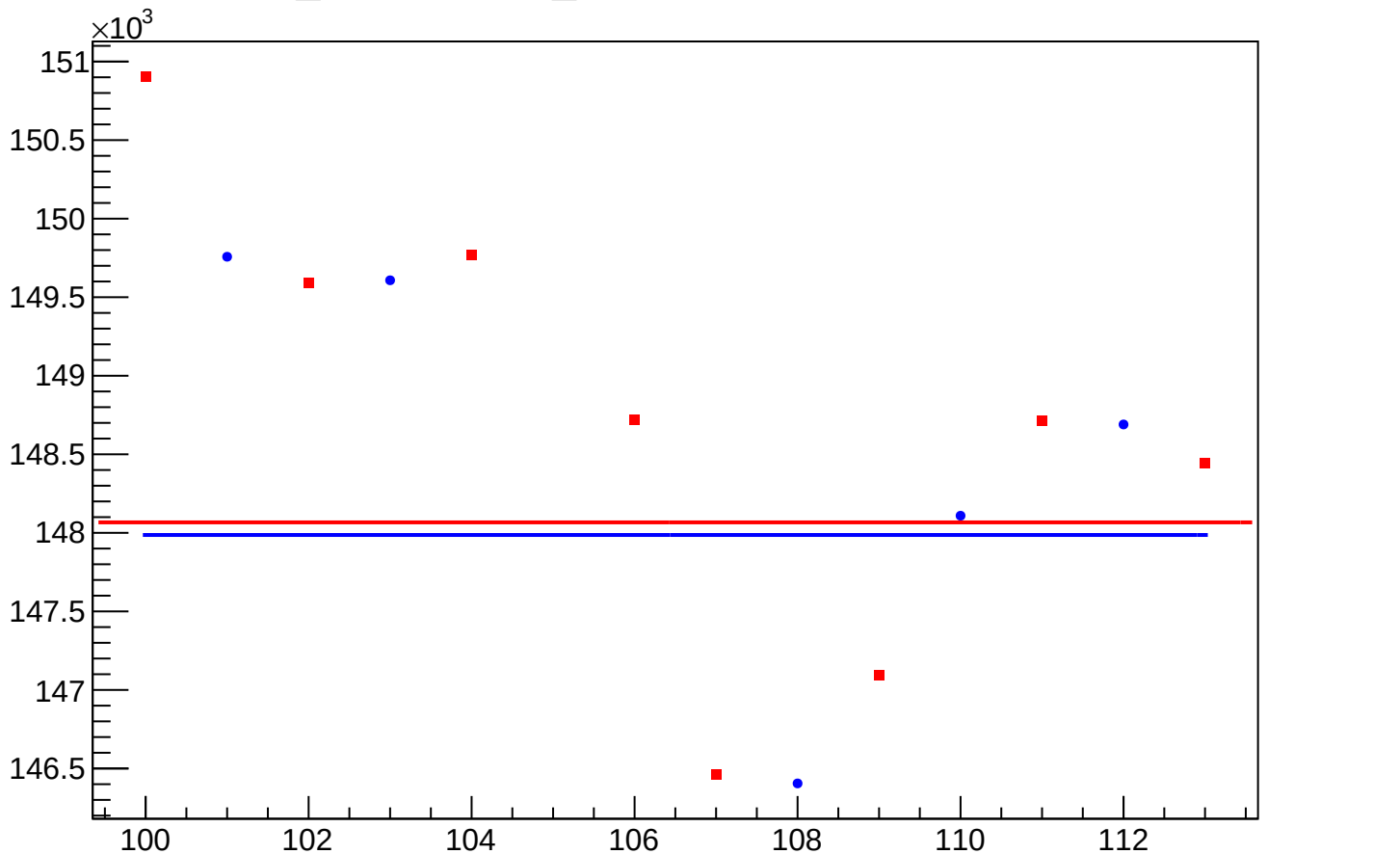
Right: 111.029+/-0.039 χ^2/NDF : 2758290.3/12

In: 115.889+/-0.061 χ^2/NDF : 1295888.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

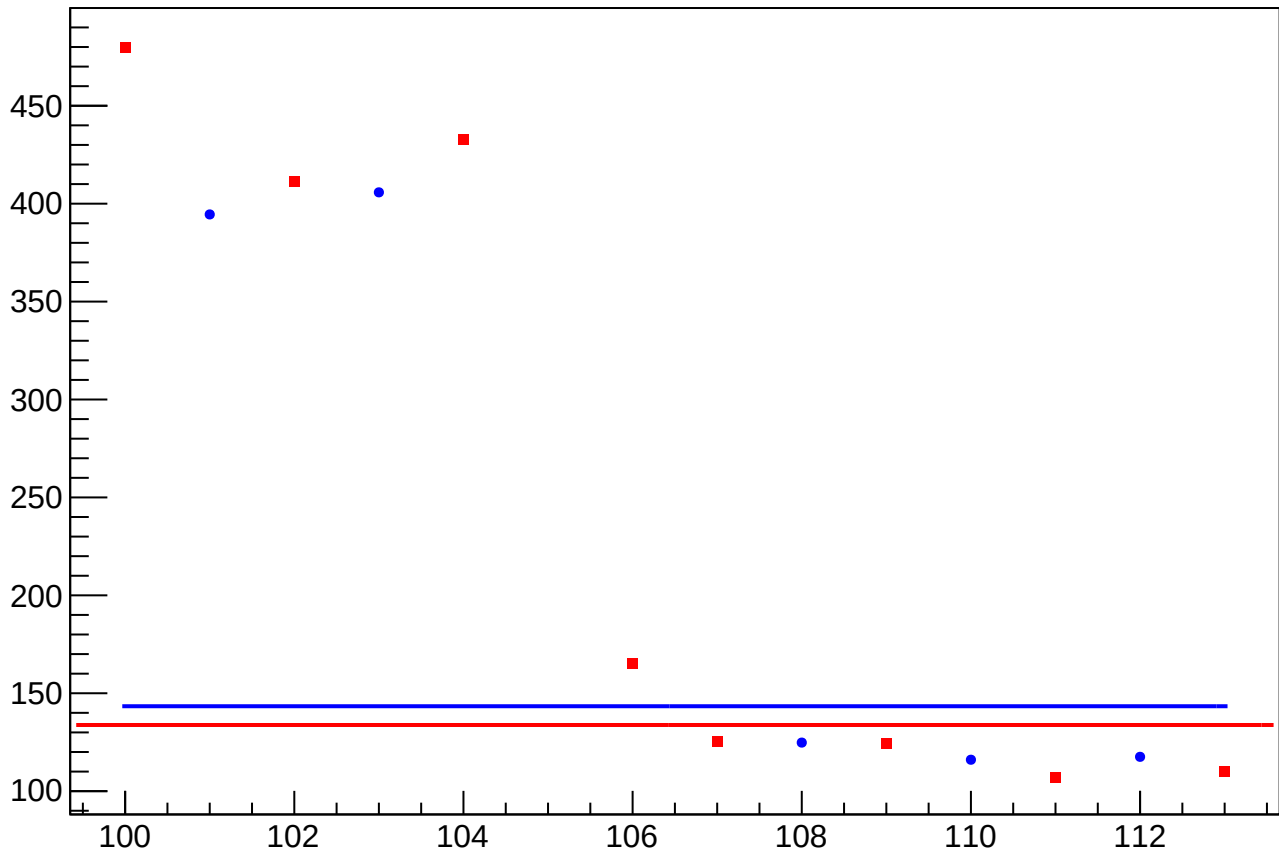
All: 111.029+/-0.039 χ^2/NDF : 2758290.3/12

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: 148035.013 $\pm$ 0.066 χ^2 /NDF: 215925829.2/1
 Right Out: 148066.682 $\pm$ 0.085 χ^2 /NDF: 115136344.3/7
 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: 148035.013 $\pm$ 0.066 χ^2 /NDF: 215925829.2/1

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: 133.792+/-0.060 χ^2/NDF : 1283927.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

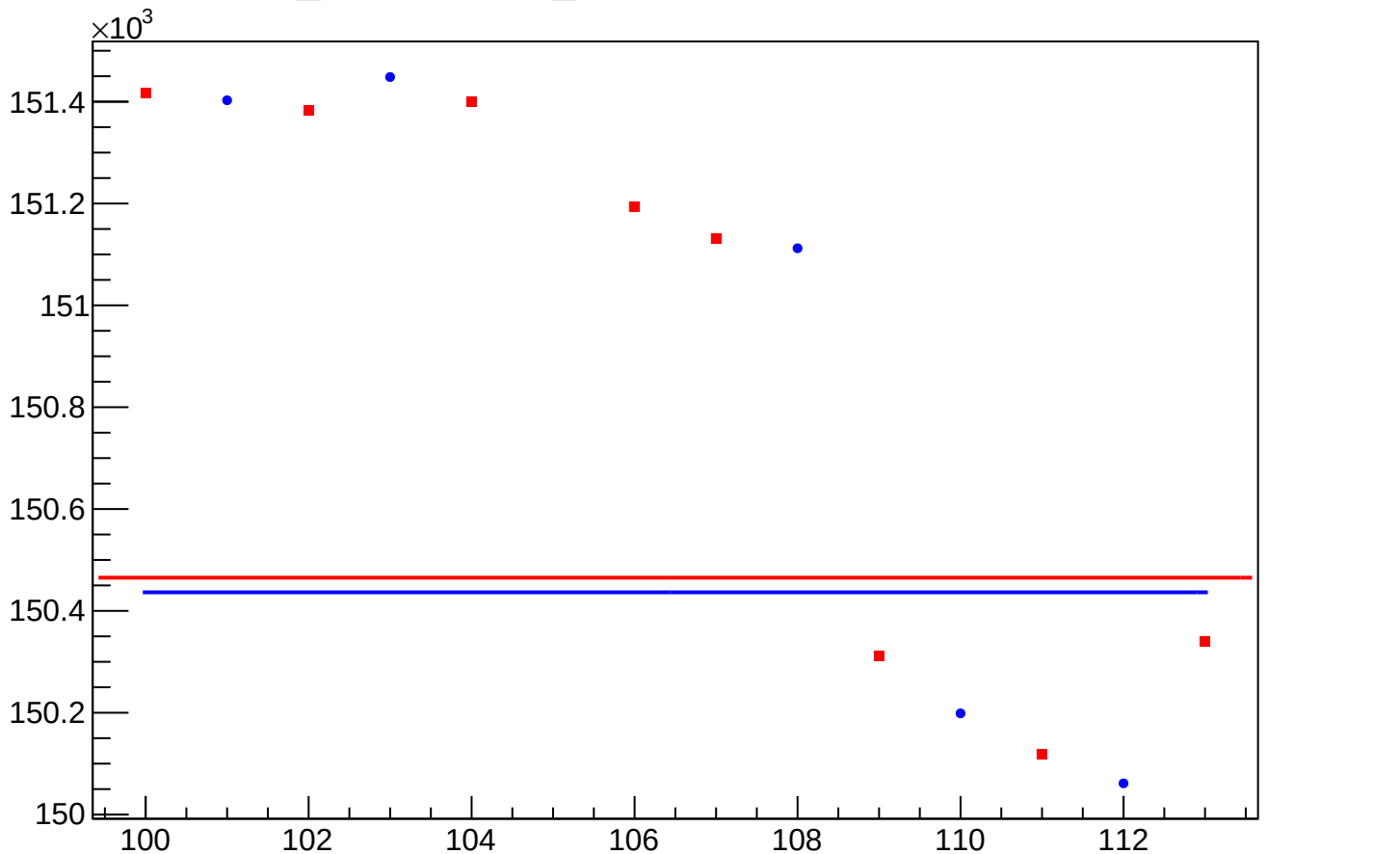
Right: 137.573+/-0.047 χ^2/NDF : 2425605.2/12

In: 143.371+/-0.074 χ^2/NDF : 1131559.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

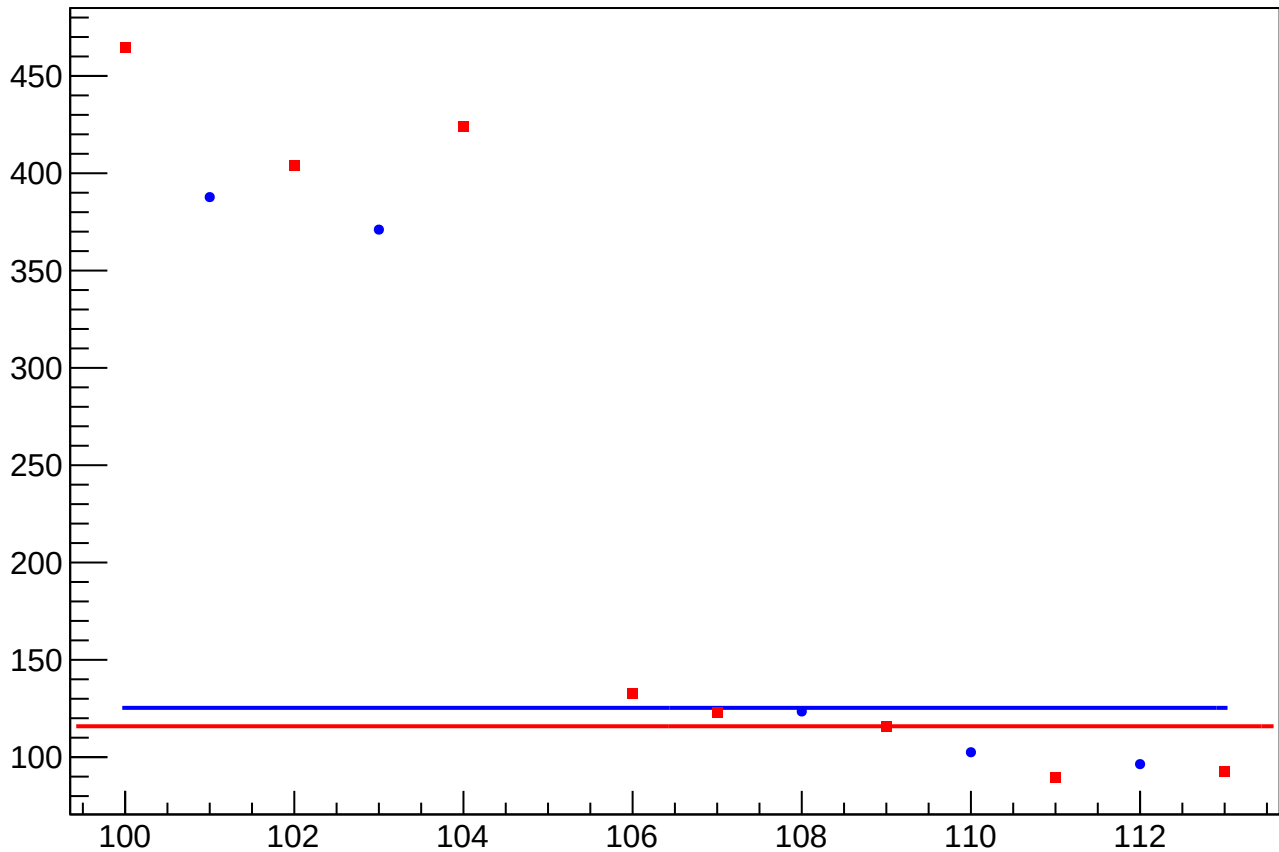
All: 137.573+/-0.047 χ^2/NDF : 2425605.2/12

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: 150465.191 $\pm$ 0.074 χ^2 /NDF: 30789901.1/7
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 150454.124 $\pm$ 0.058 χ^2 /NDF: 59078539.1/12
 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: 150454.124 $\pm$ 0.058 χ^2 /NDF: 59078539.1/12

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: 115.873+/-0.052 χ^2/NDF : 1426901.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

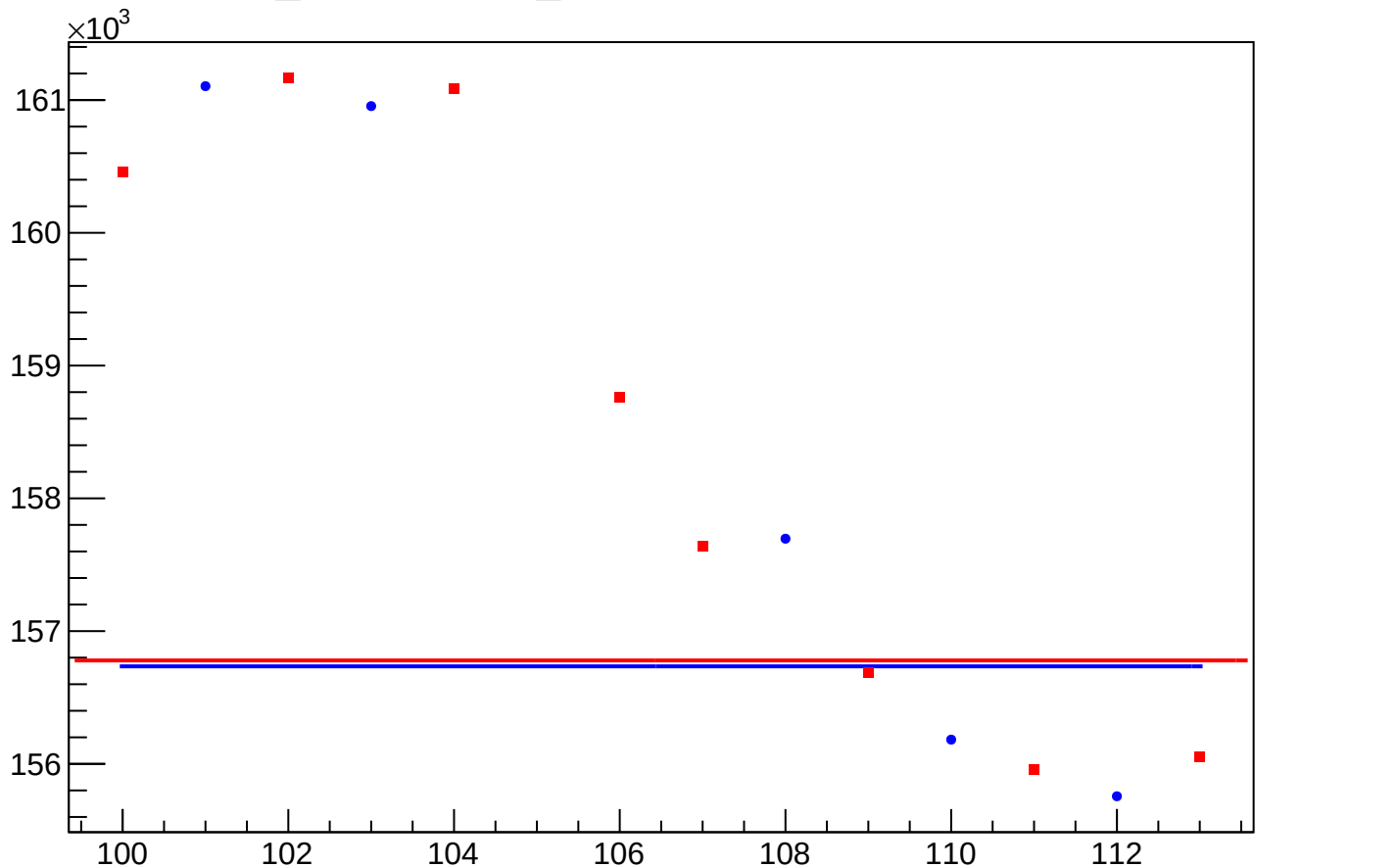
Right: 119.513+/-0.041 χ^2/NDF : 2651967.8/12

In: 125.331+/-0.066 χ^2/NDF : 1212520.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

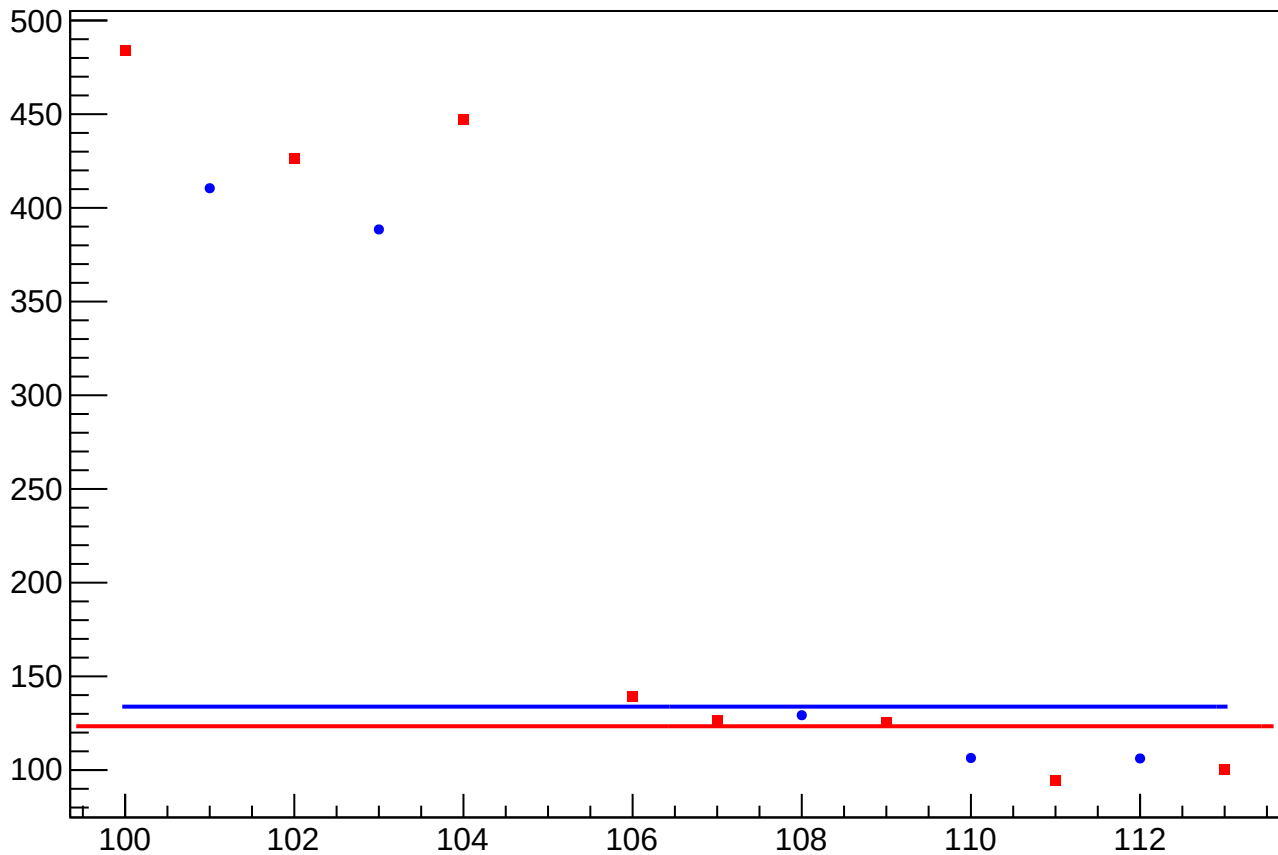
All: 119.513+/-0.041 χ^2/NDF : 2651967.8/12

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: 156778.945 $\pm$ 0.079 χ^2 /NDF: 251218052.2/7
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 156761.916 $\pm$ 0.062 χ^2 /NDF: 460041235.4/1

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: 123.377+/-0.056 χ^2/NDF : 1413556.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

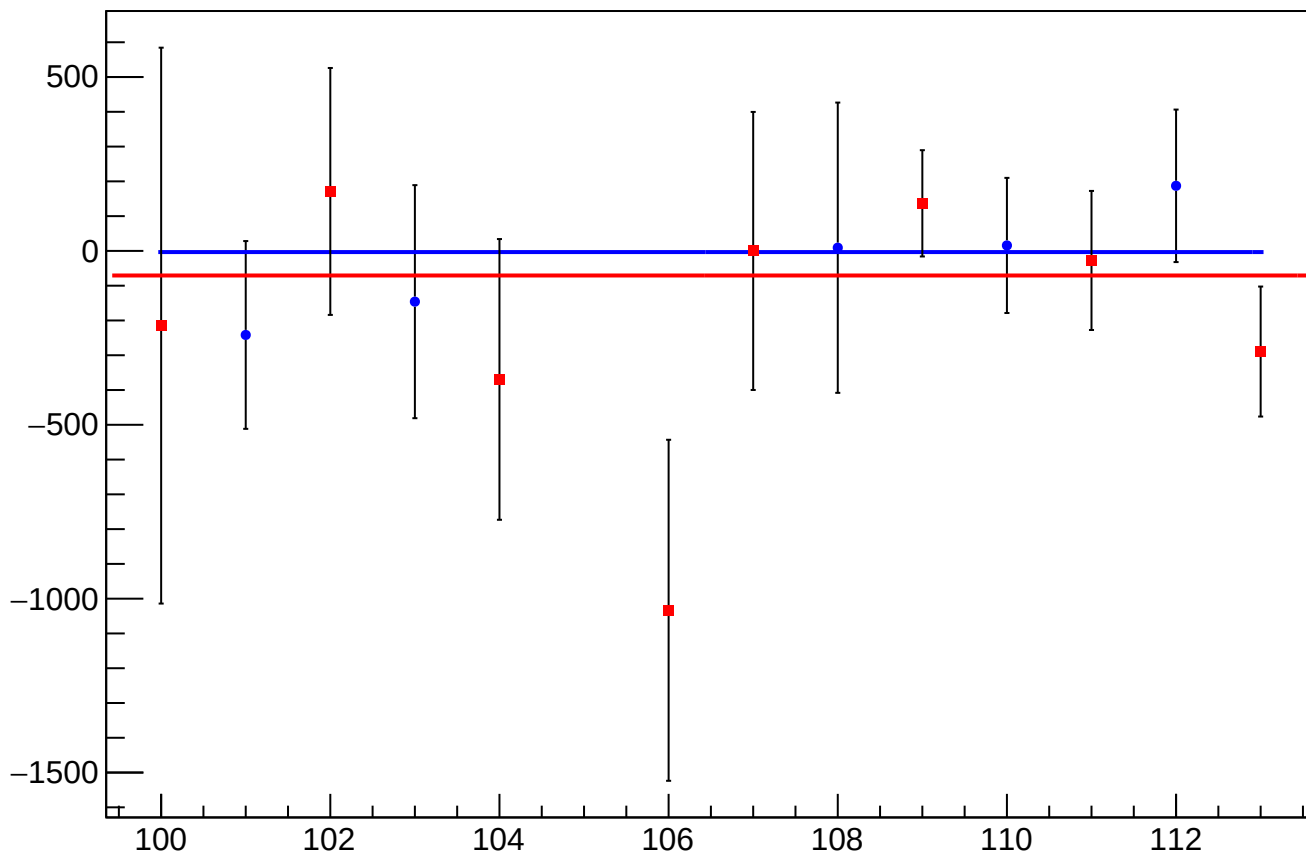
Right: 127.397+/-0.044 χ^2/NDF : 2616983.8/12

In: 133.850+/-0.070 χ^2/NDF : 1189828.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.397+/-0.044 χ^2/NDF : 2616983.8/12

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: -70.674+/-90.345 χ^2/NDF : 8.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

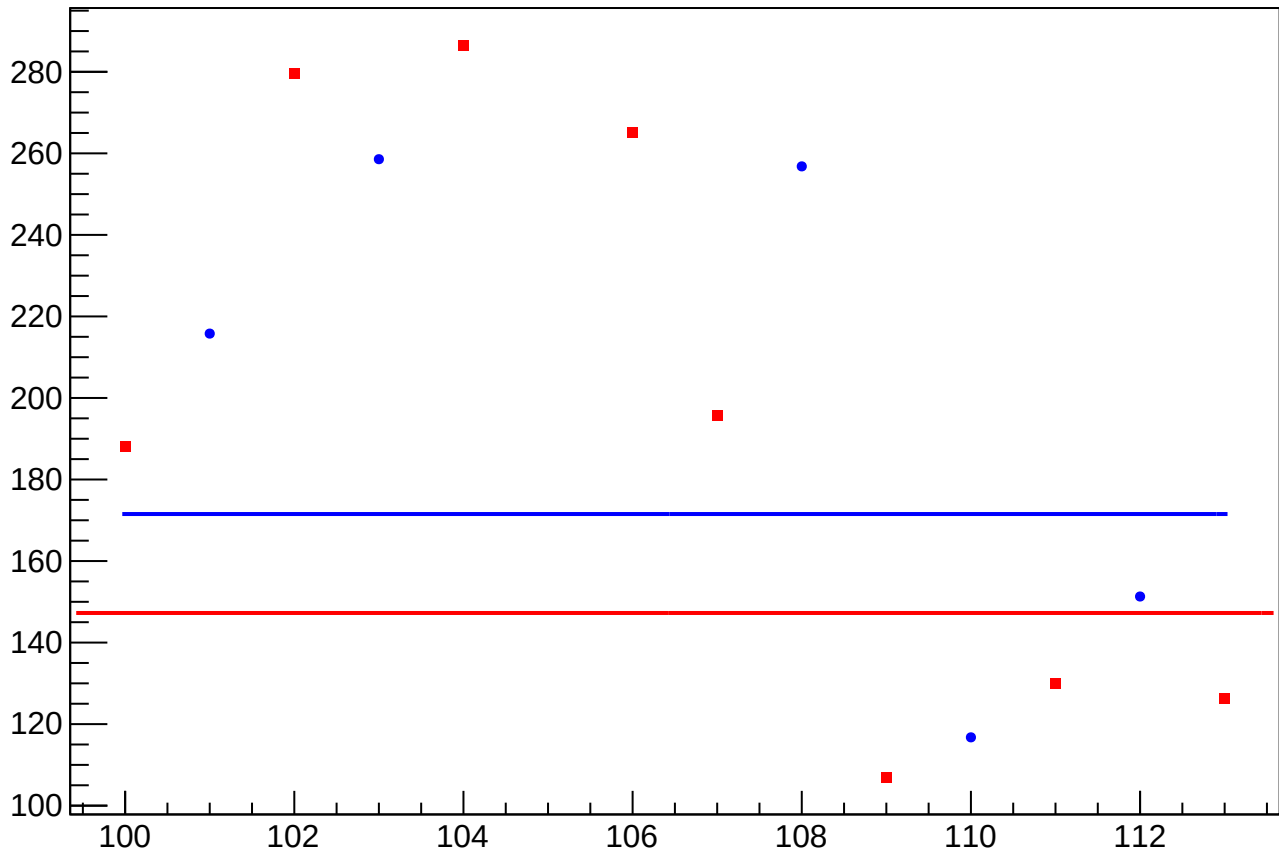
Right: -44.967+/-71.036 χ^2/NDF : 10.1/12

In: -3.339+/-114.968 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.967+/-71.036 χ^2/NDF : 10.1/12

asym_bcm_target_rms vs Slug, Sign Corrected



Right In: 171.532+/-0.081 χ^2/NDF : 448175.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.261+/-0.064 χ^2/NDF : 845246.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

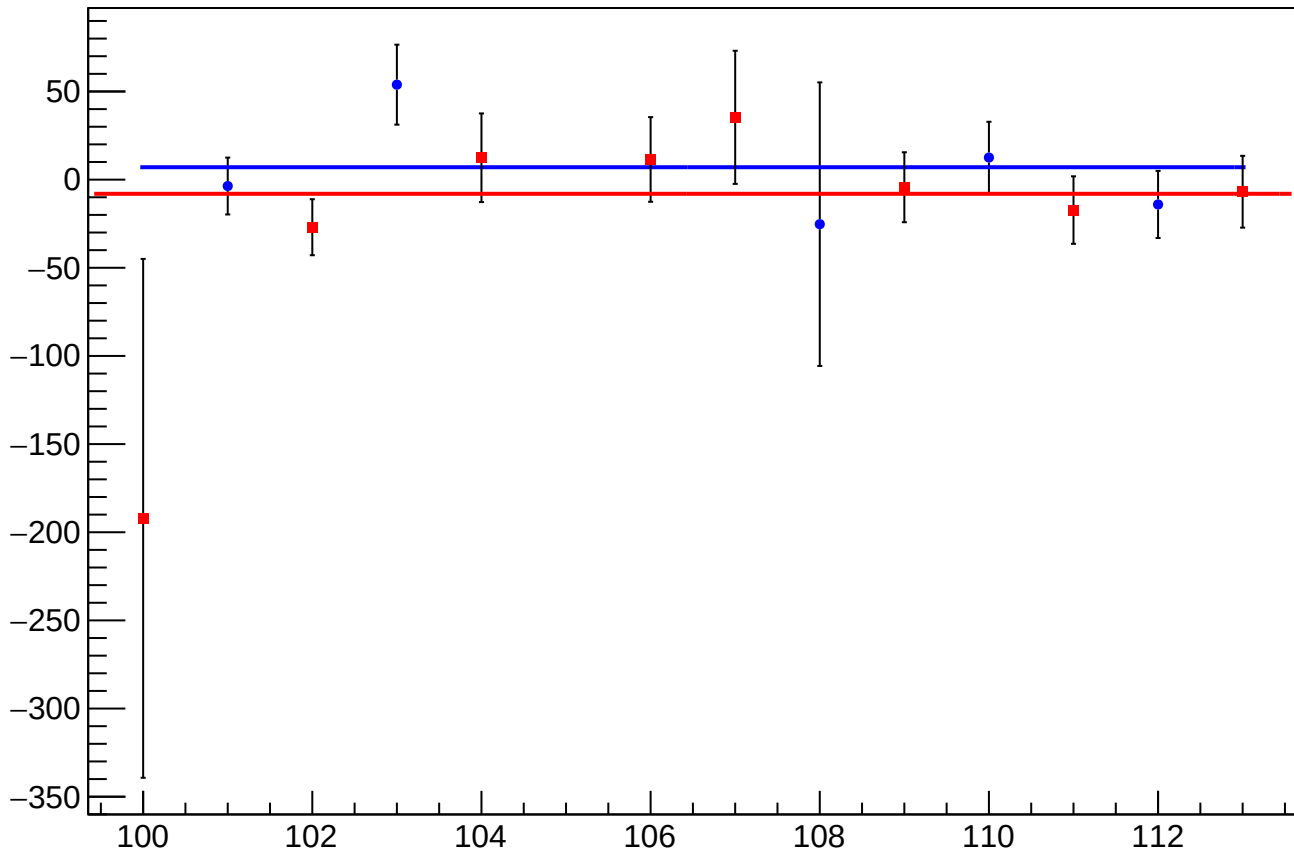
Right: 156.527+/-0.050 χ^2/NDF : 1348528.1/12

In: 171.532+/-0.081 χ^2/NDF : 448175.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.527+/-0.050 χ^2/NDF : 1348528.1/12

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: -8.036+/-7.979 χ^2/NDF : 5.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

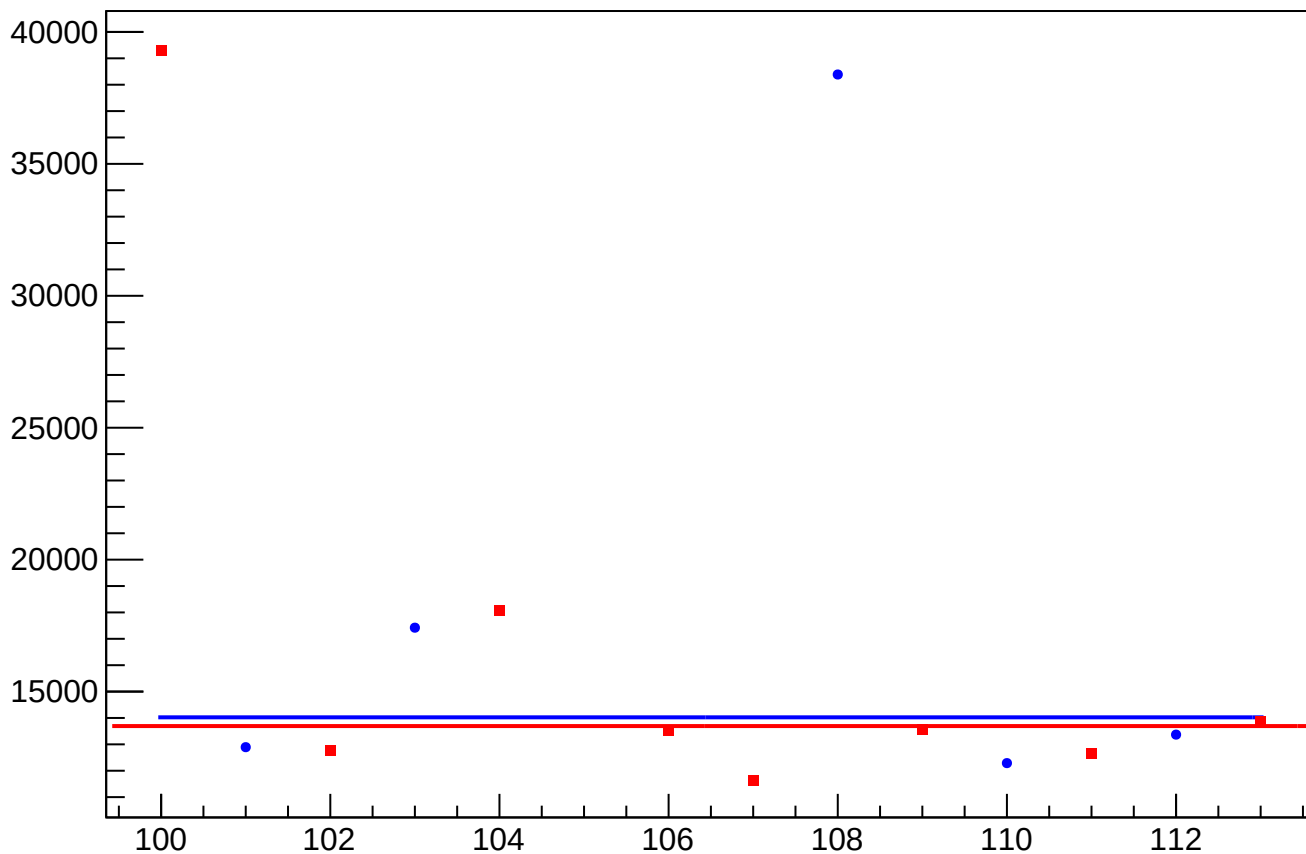
Right: -1.781+/-6.104 χ^2/NDF : 13.5/12

In: 7.044+/-9.478 χ^2/NDF : 6.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.781+/-6.104 χ^2/NDF : 13.5/12

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: 13692.997+/-5.642 χ^2/NDF : 139560.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

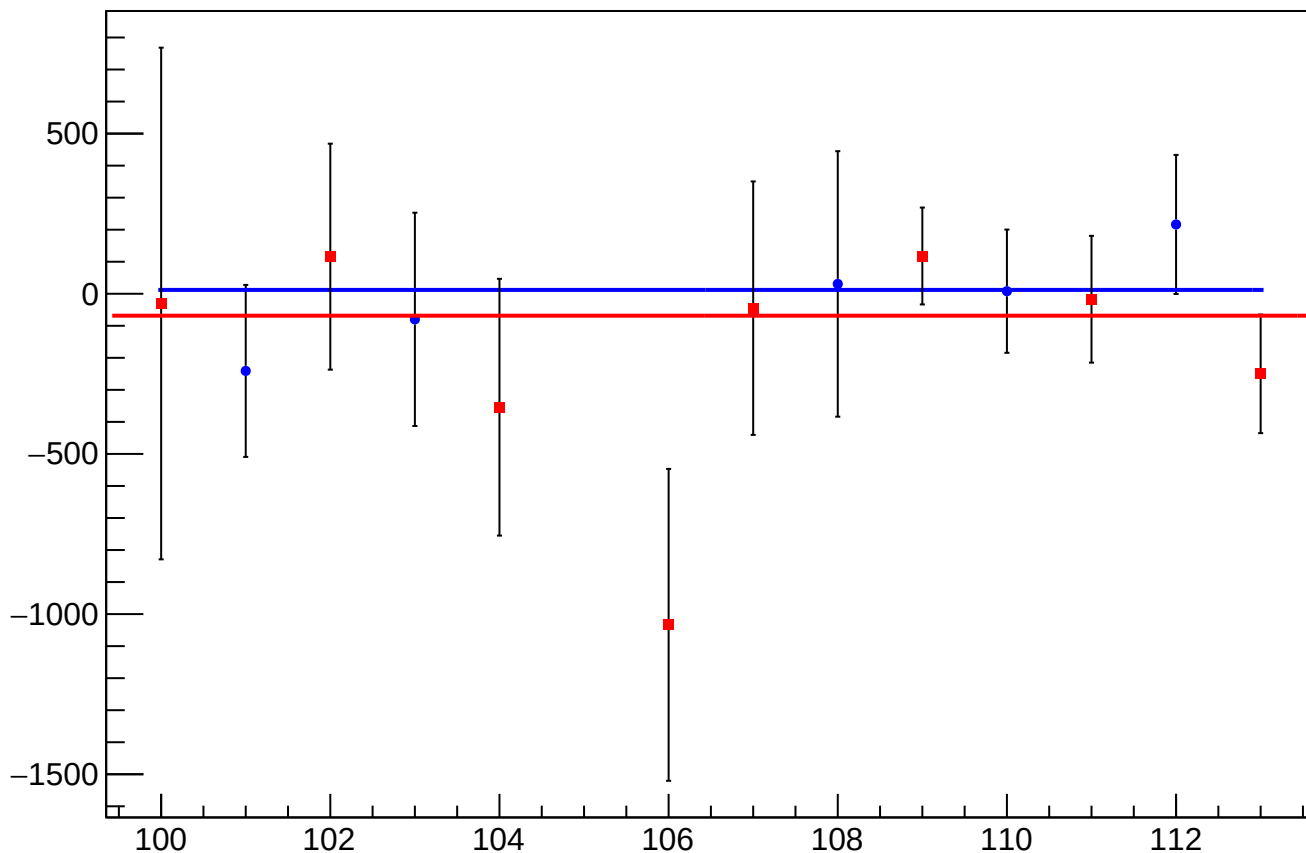
Right: 13830.319+/-4.316 χ^2/NDF : 396241.7/12

In: 14024.075+/-6.702 χ^2/NDF :255253.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 13830.319+/-4.316 χ^2/NDF : 396241.7/12

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: -68.456+/-89.490 χ^2/NDF : 7.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

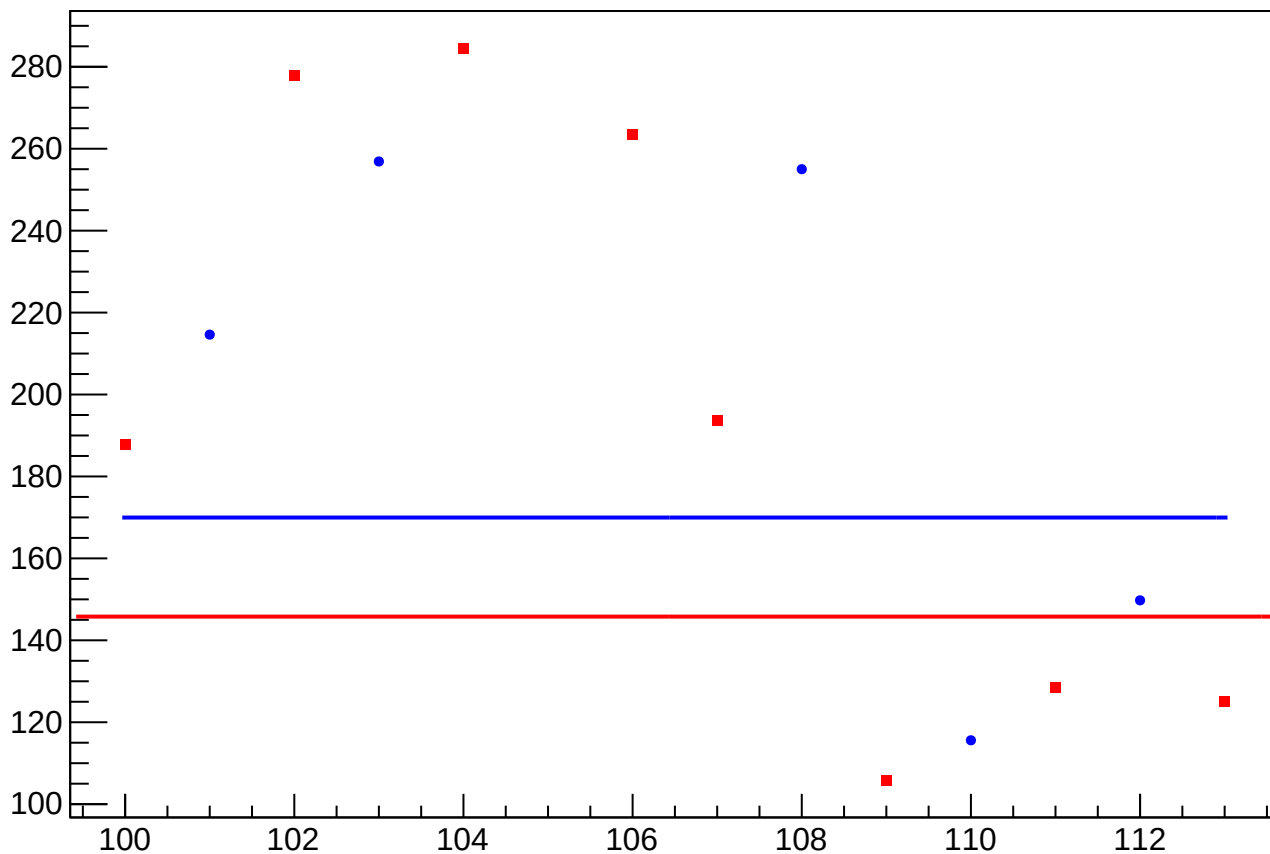
Right: -37.760+/-70.387 χ^2/NDF : 9.4/12

In: 12.036+/-113.979 χ^2/NDF : 1.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.760+/-70.387 χ^2/NDF : 9.4/12

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 169.970+/-0.081 χ^2/NDF : 453014.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.791+/-0.063 χ^2/NDF : 850627.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

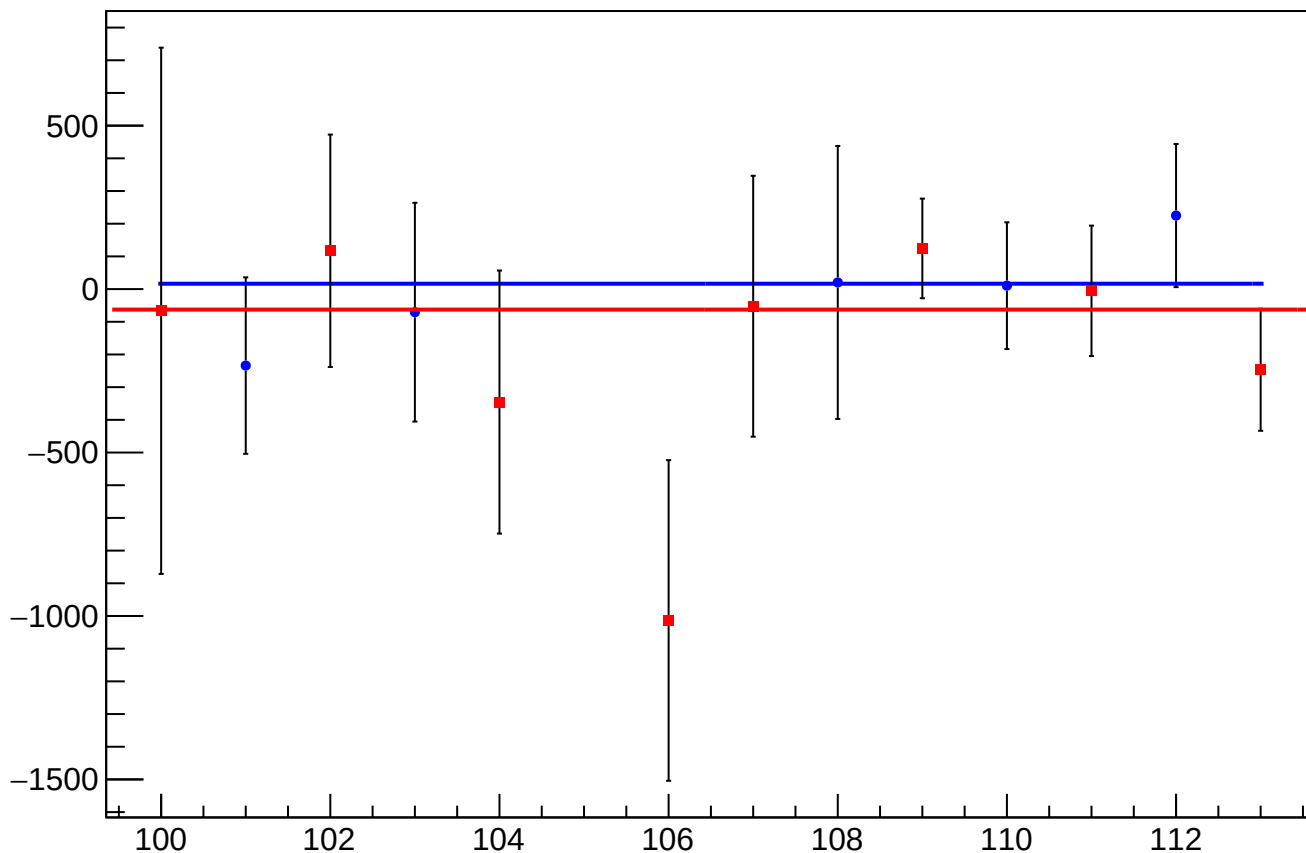
Right: 155.012+/-0.050 χ^2/NDF : 1359325.1/12

In: 169.970+/-0.081 χ^2/NDF : 453014.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.012+/-0.050 χ^2/NDF : 1359325.1/12

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: -62.748+/-90.196 χ^2/NDF : 7.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

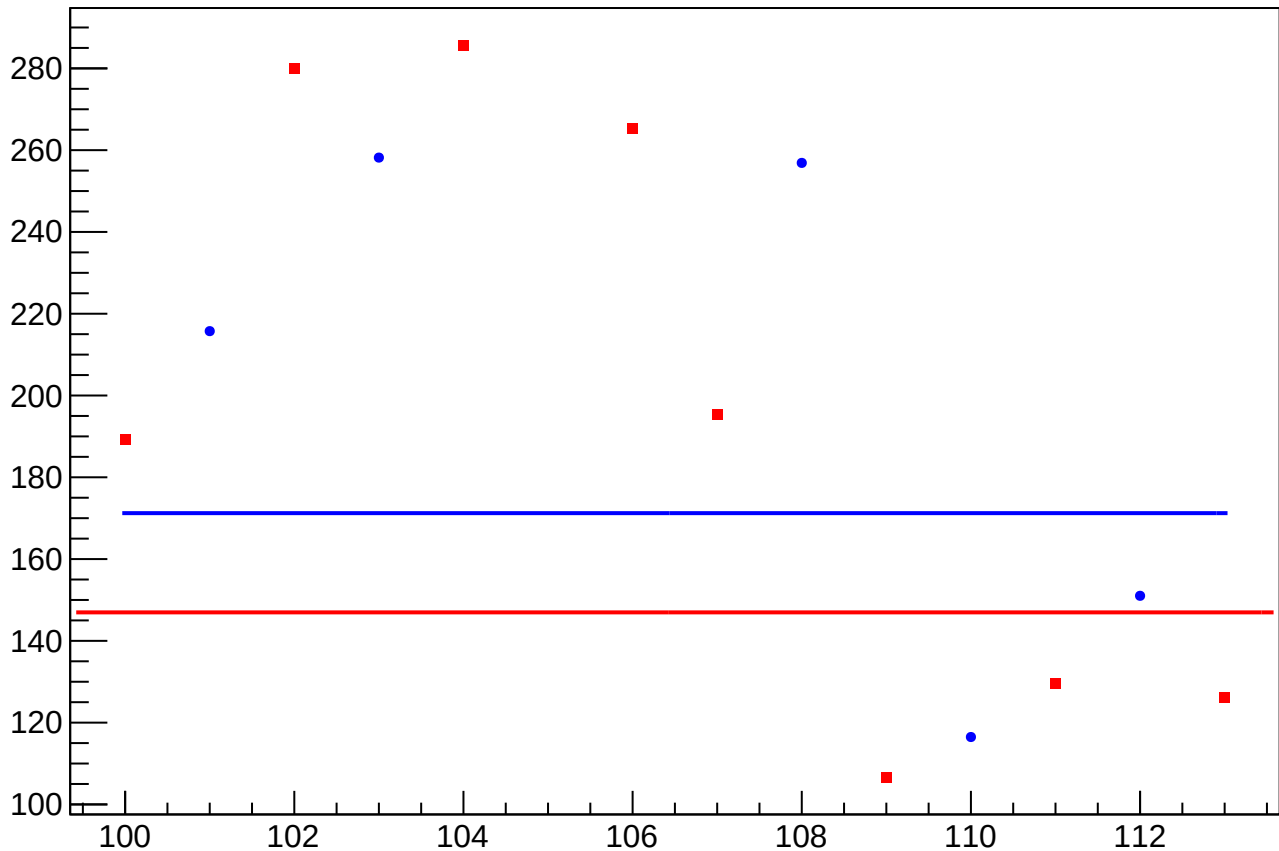
Right: -32.528+/-70.923 χ^2/NDF : 9.2/12

In: 16.426+/-114.798 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.528+/-70.923 χ^2/NDF : 9.2/12

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: 146.964 $\pm$ 0.064 χ^2 /NDF: 848461.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

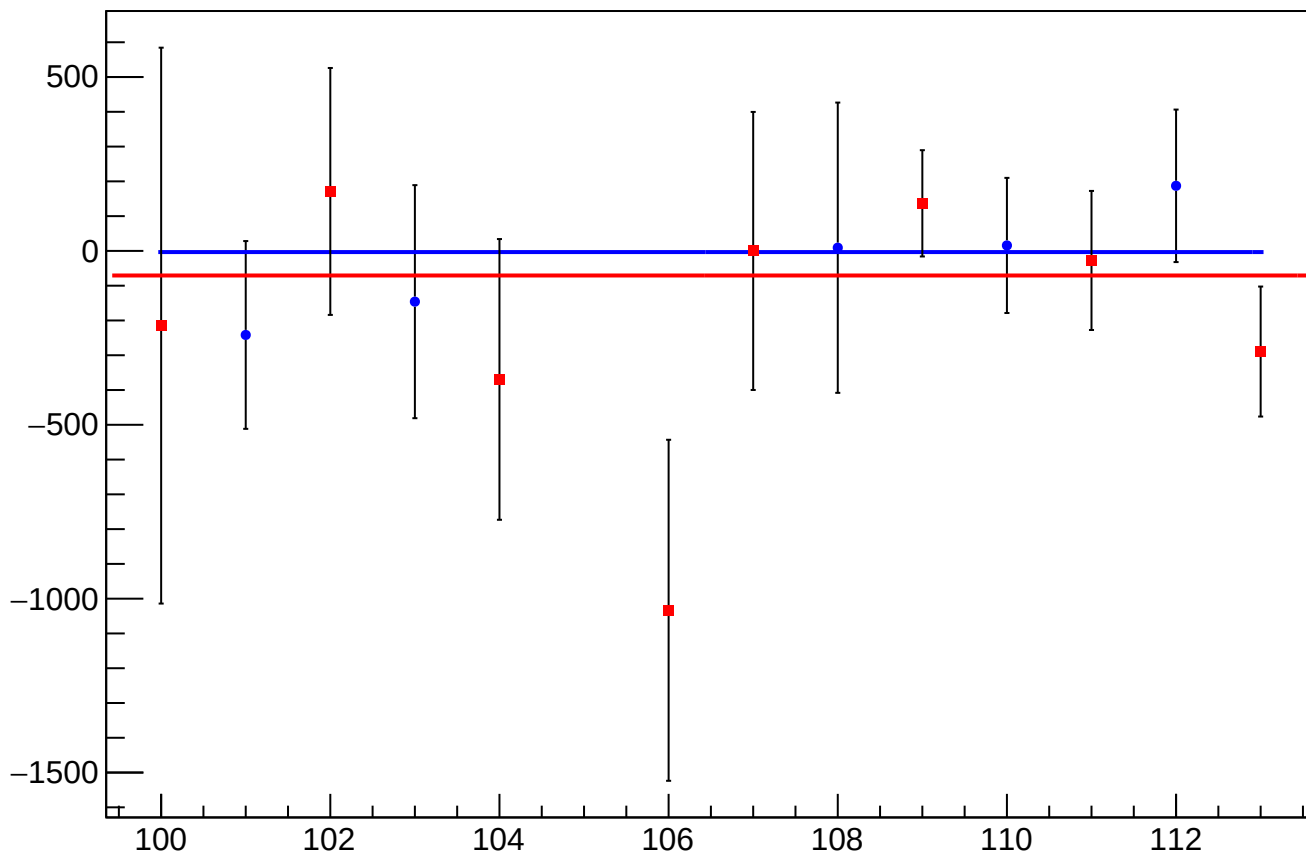
Right: 156.227 $\pm$ 0.050 χ^2 /NDF: 1353924.1/12

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: 156.227 $\pm$ 0.050 χ^2 /NDF: 1353924.1/12

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: -70.674+/-90.345 χ^2/NDF : 8.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

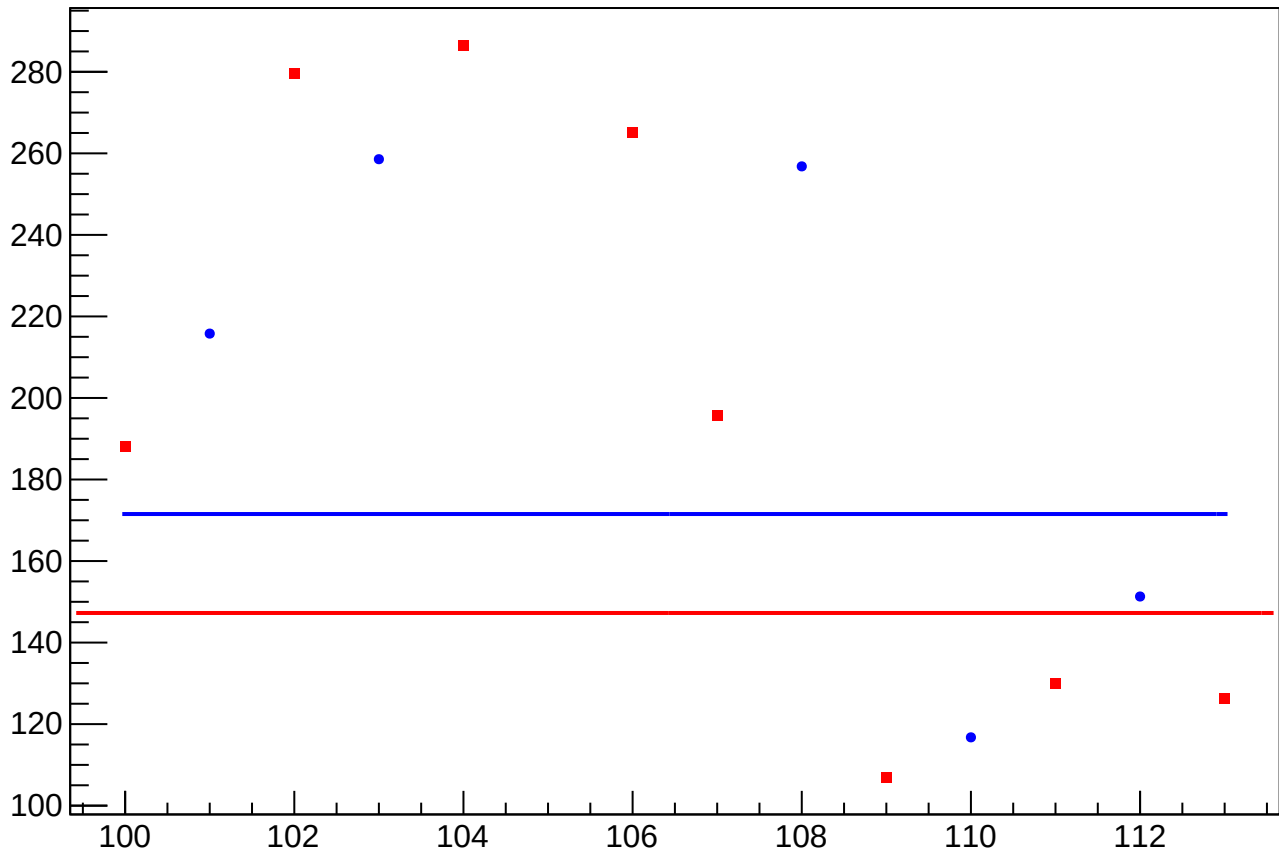
Right: -44.967+/-71.036 χ^2/NDF : 10.1/12

In: -3.339+/-114.968 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.967+/-71.036 χ^2/NDF : 10.1/12

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: 147.261 $\pm$ 0.064 χ^2 /NDF: 845246.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

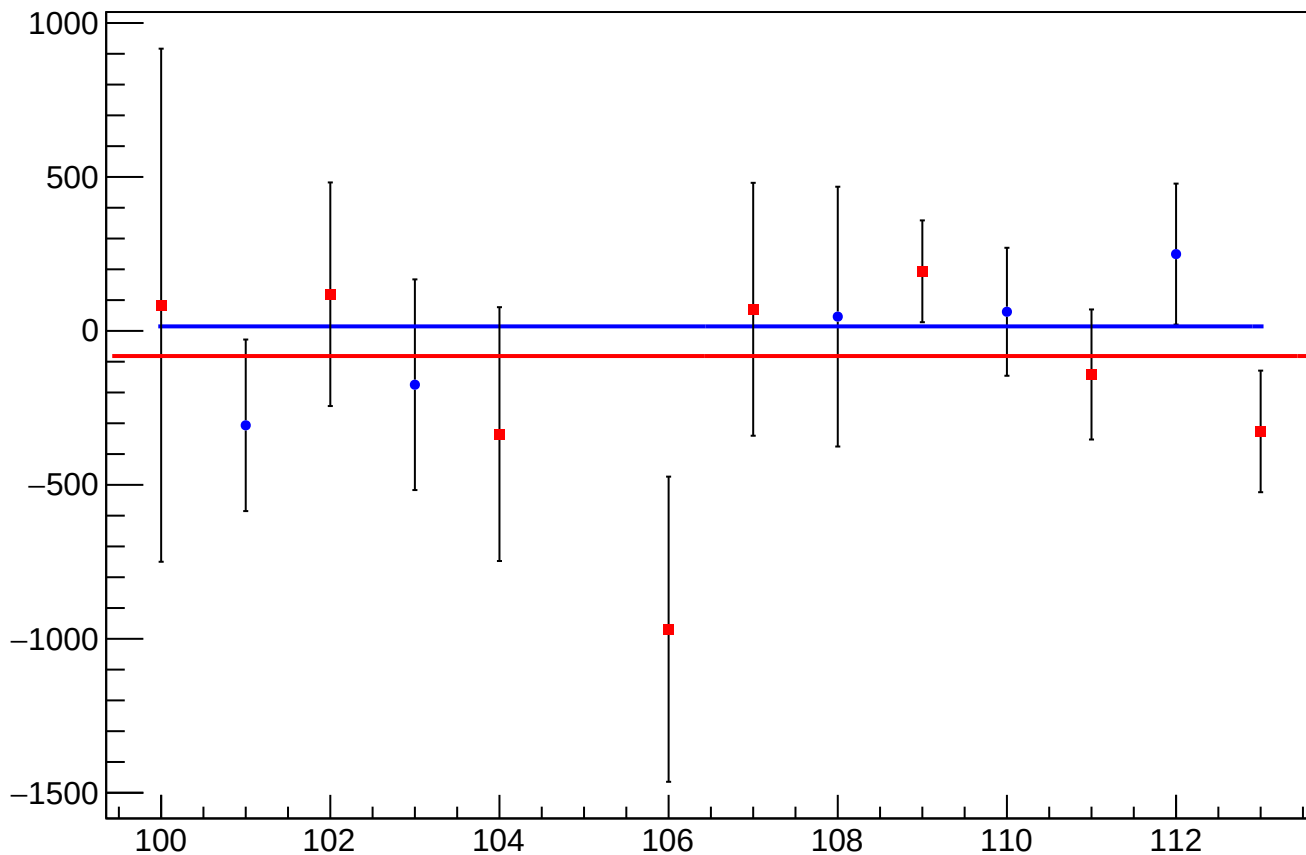
Right: 156.527 $\pm$ 0.050 χ^2 /NDF: 1348528.1/12

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: 156.527 $\pm$ 0.050 χ^2 /NDF: 1348528.1/12

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 14.692+/-120.127 χ^2/NDF : 2.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -81.642+/-95.531 χ^2/NDF : 8.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

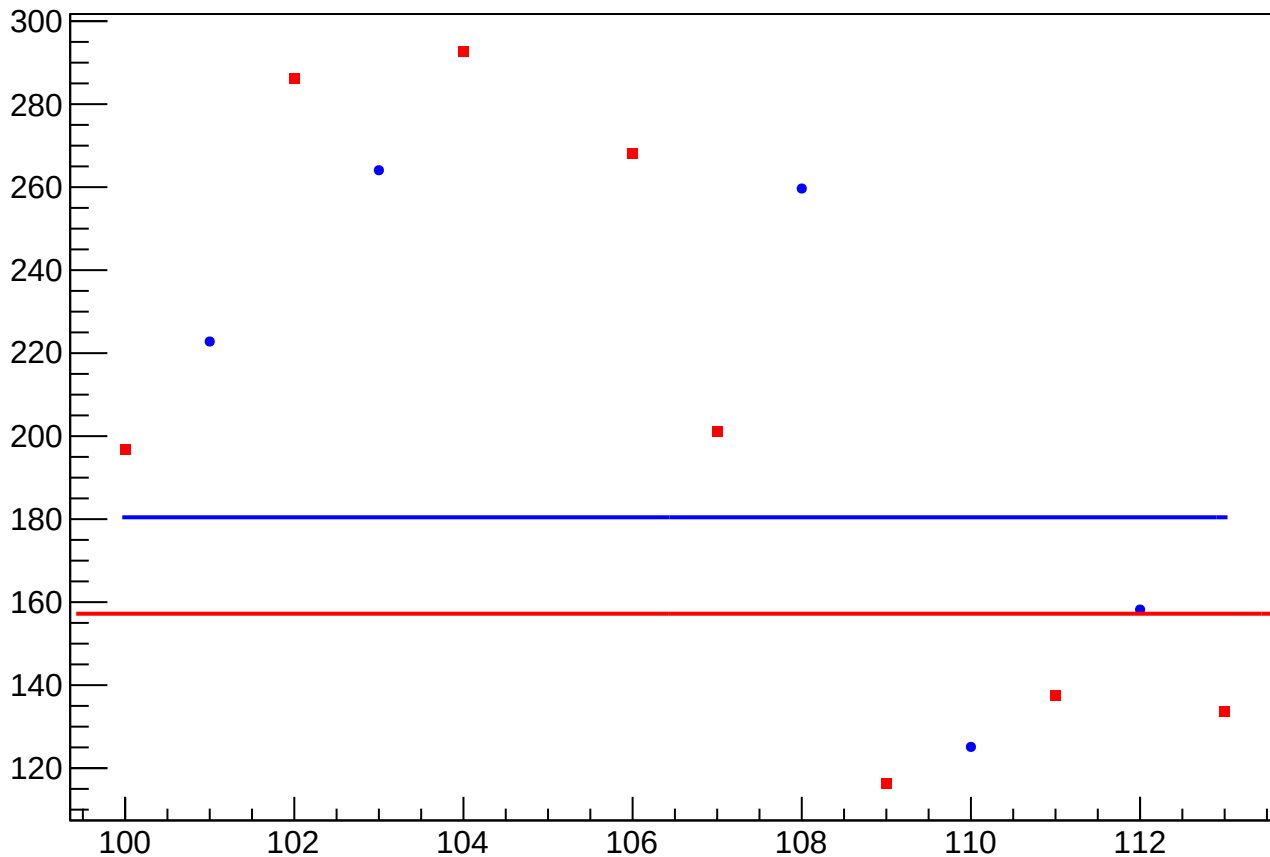
Right: -44.321+/-74.770 χ^2/NDF : 11.6/12

In: 14.692+/-120.127 χ^2/NDF : 2.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.321+/-74.770 χ^2/NDF : 11.6/12

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 180.447+/-0.085 χ^2/NDF : 396921.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.211+/-0.068 χ^2/NDF : 763810.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

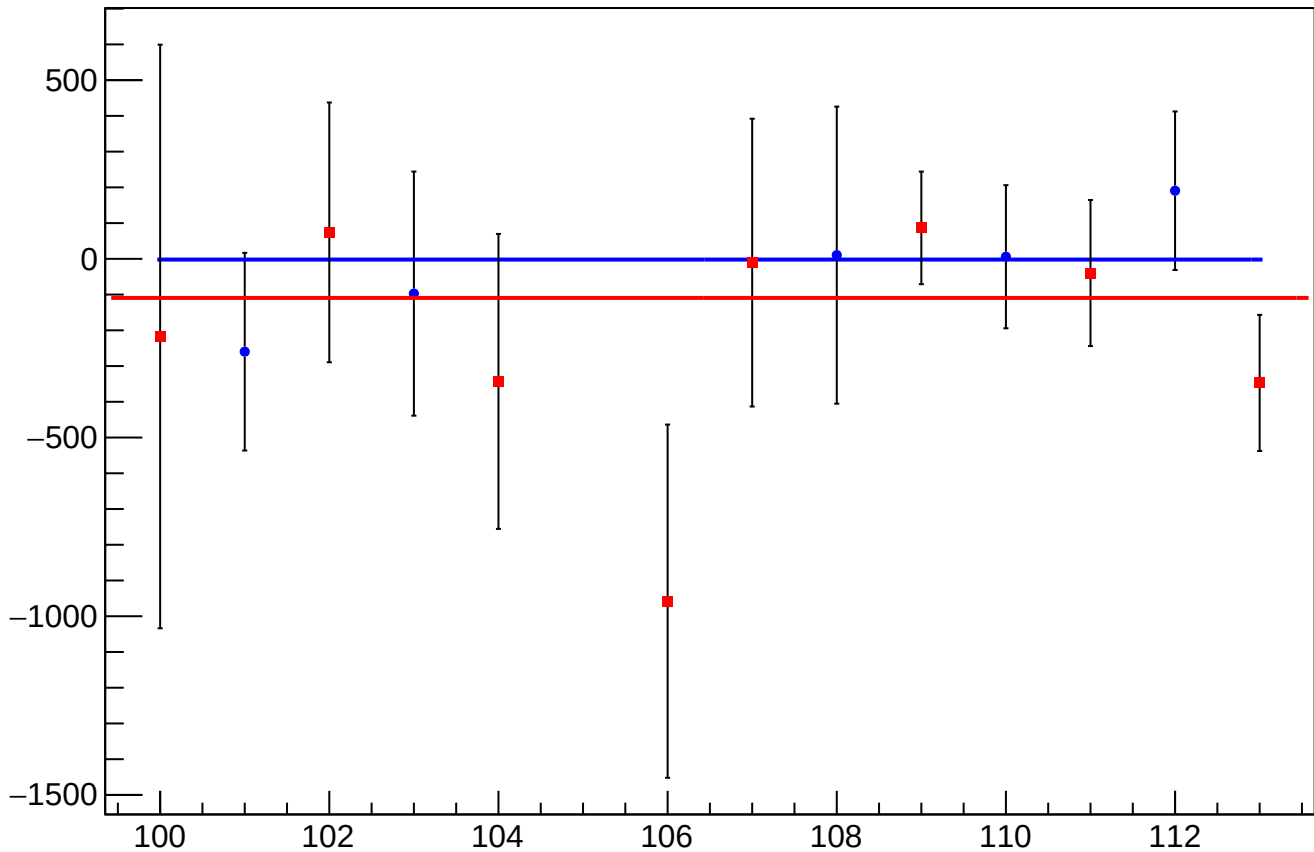
Right: 166.213+/-0.053 χ^2/NDF : 1206569.8/12

In: 180.447+/-0.085 χ^2/NDF : 396921.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.213+/-0.053 χ^2/NDF : 1206569.8/12

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: -109.334+/-92.453 χ^2/NDF : 6.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

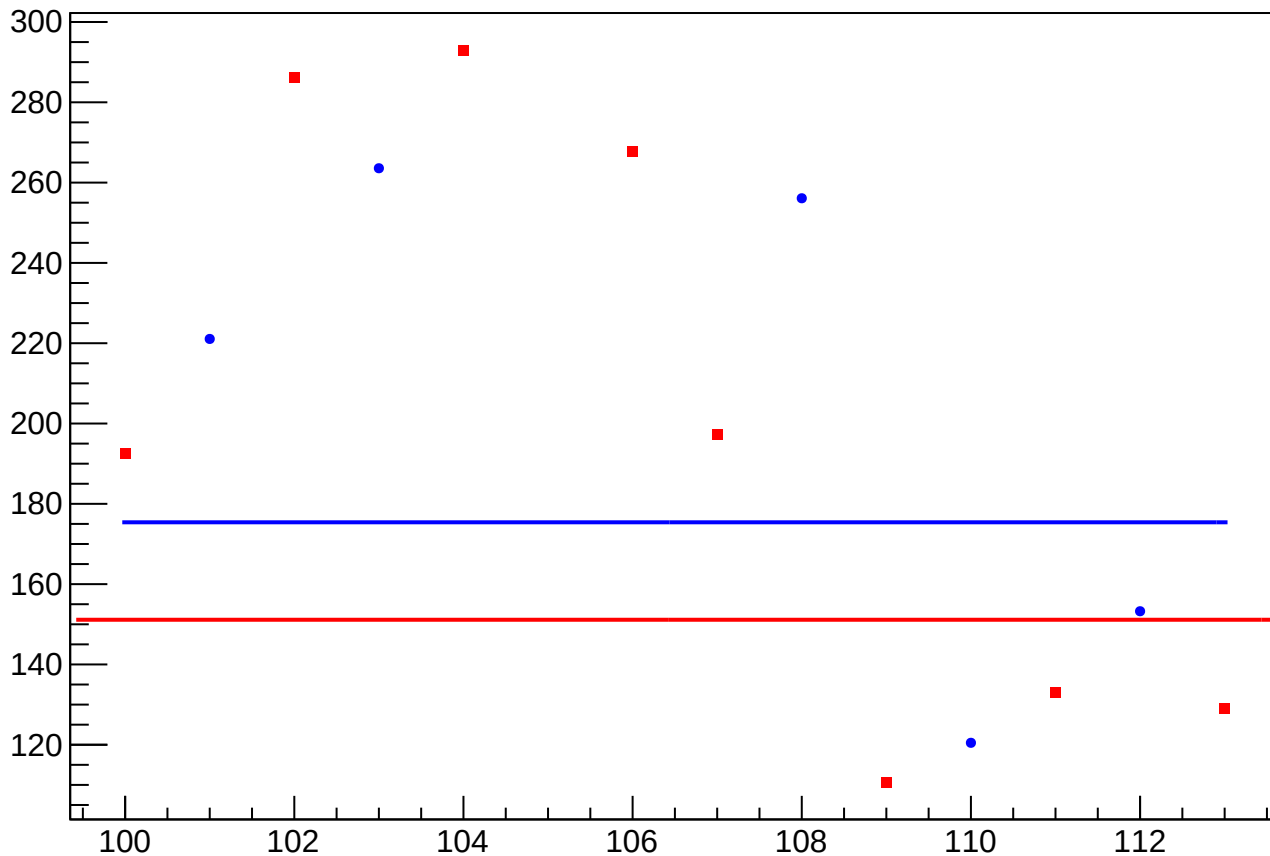
Right: -68.200+/-72.606 χ^2/NDF : 9.0/12

In: -2.011+/-117.278 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -68.200+/-72.606 χ^2/NDF : 9.0/12

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: 151.131+/-0.065 χ^2/NDF : 830404.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

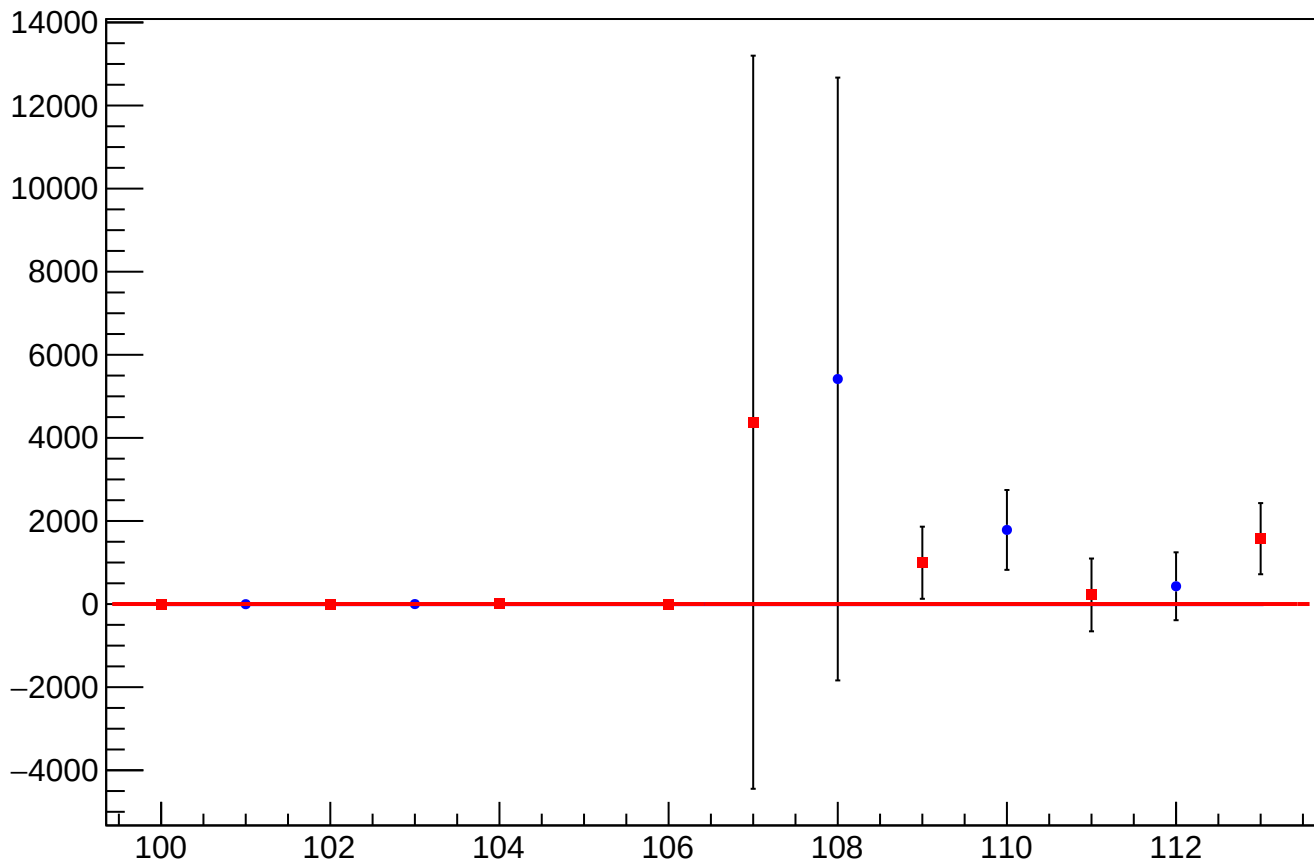
Right: 160.433+/-0.051 χ^2/NDF : 1316872.0/12

In: 175.400+/-0.083 χ^2/NDF : 433646.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.433+/-0.051 χ^2/NDF : 1316872.0/12

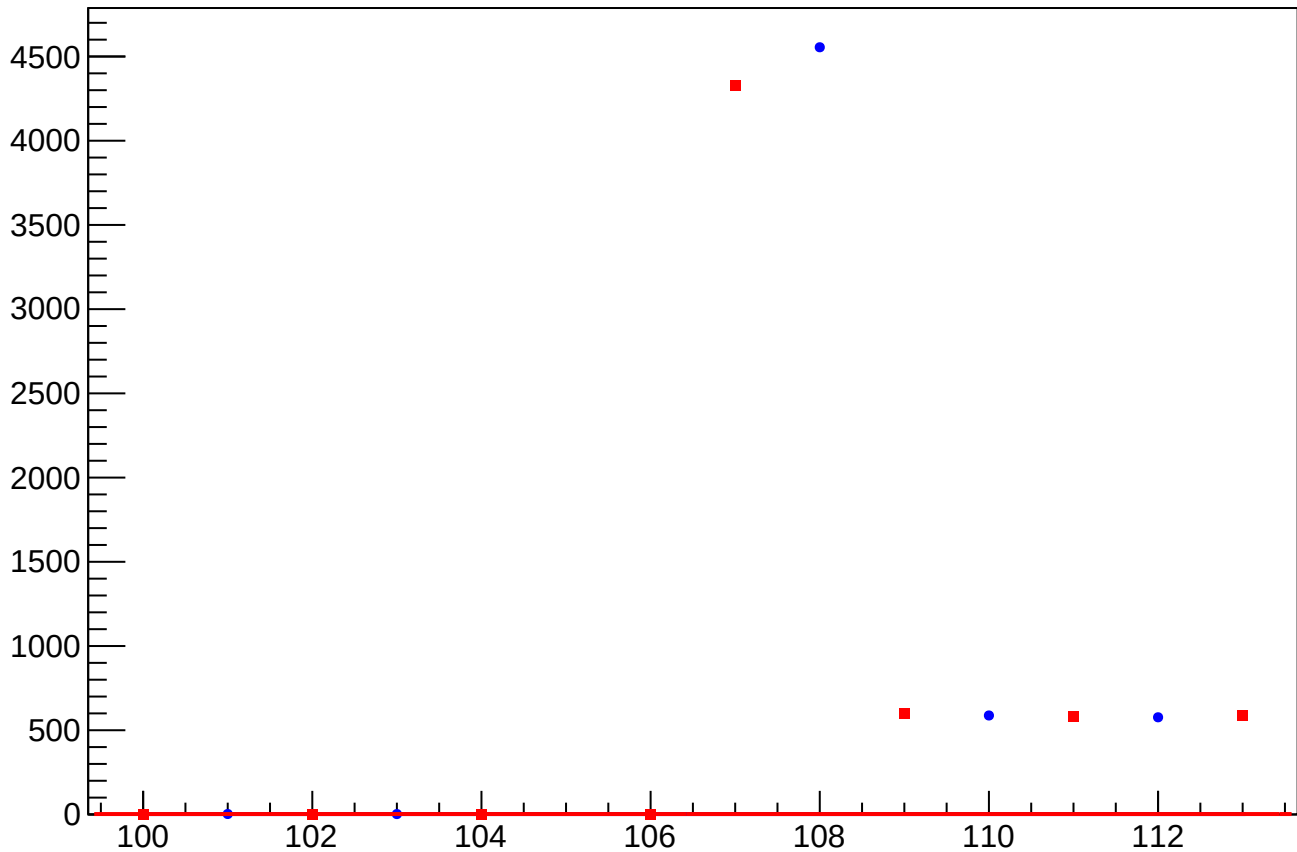
asym_cav4bQ_mean vs Slug, Sign Corrected



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: 1.378+/-2.022 χ^2/NDF : 10.2/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.178+/-1.480 χ^2/NDF : 15.6/12
 In: -1.206+/-2.171 χ^2/NDF : 4.7/4
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.178+/-1.480 χ^2/NDF : 15.6/12

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: 2.432+/-0.001 χ^2/NDF : 3262014.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

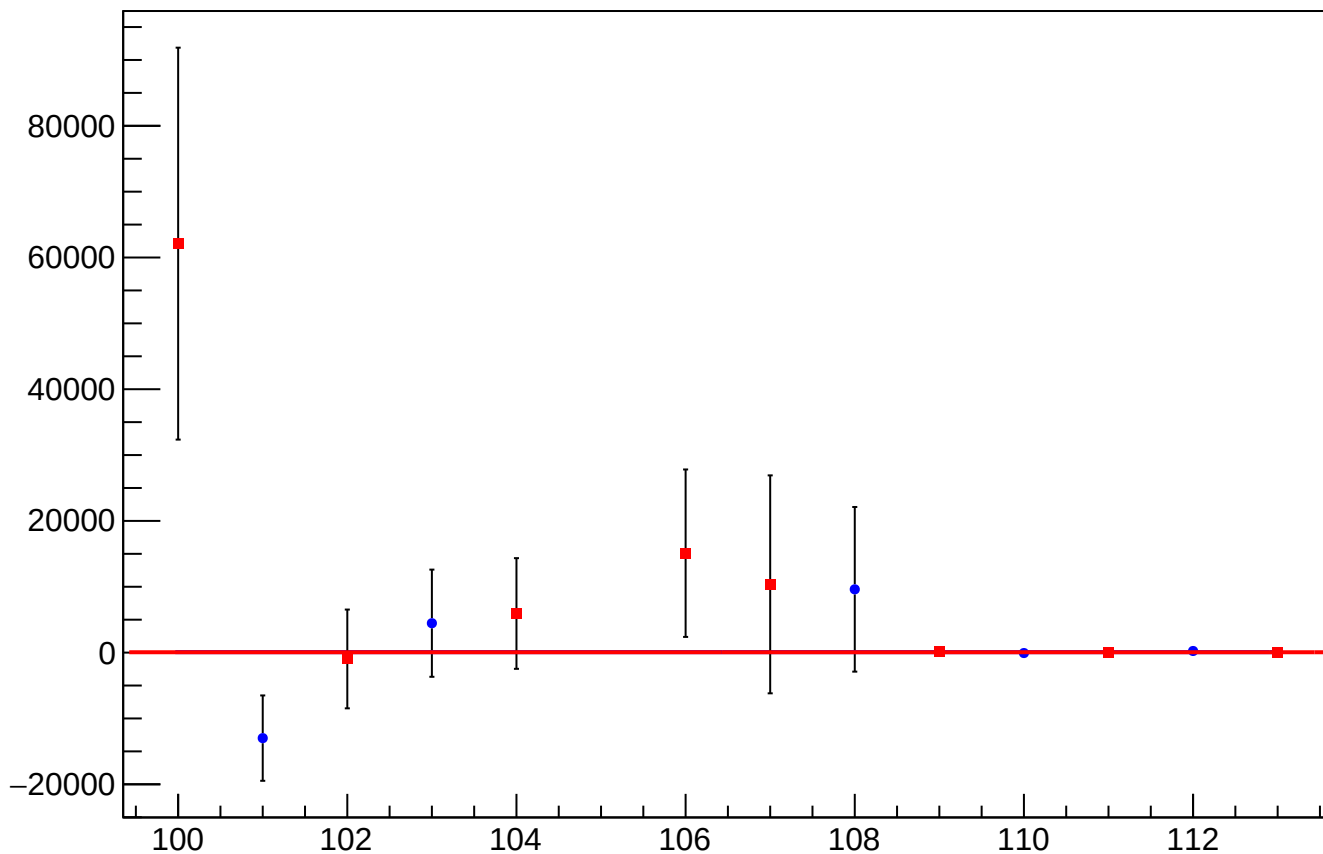
Right: 2.435+/-0.001 χ^2/NDF : 5794869.3/12

In: 2.437+/-0.002 χ^2/NDF : 2532849.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.435+/-0.001 χ^2/NDF : 5794869.3/12

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: 54.994+/-120.277 χ^2/NDF : 7.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

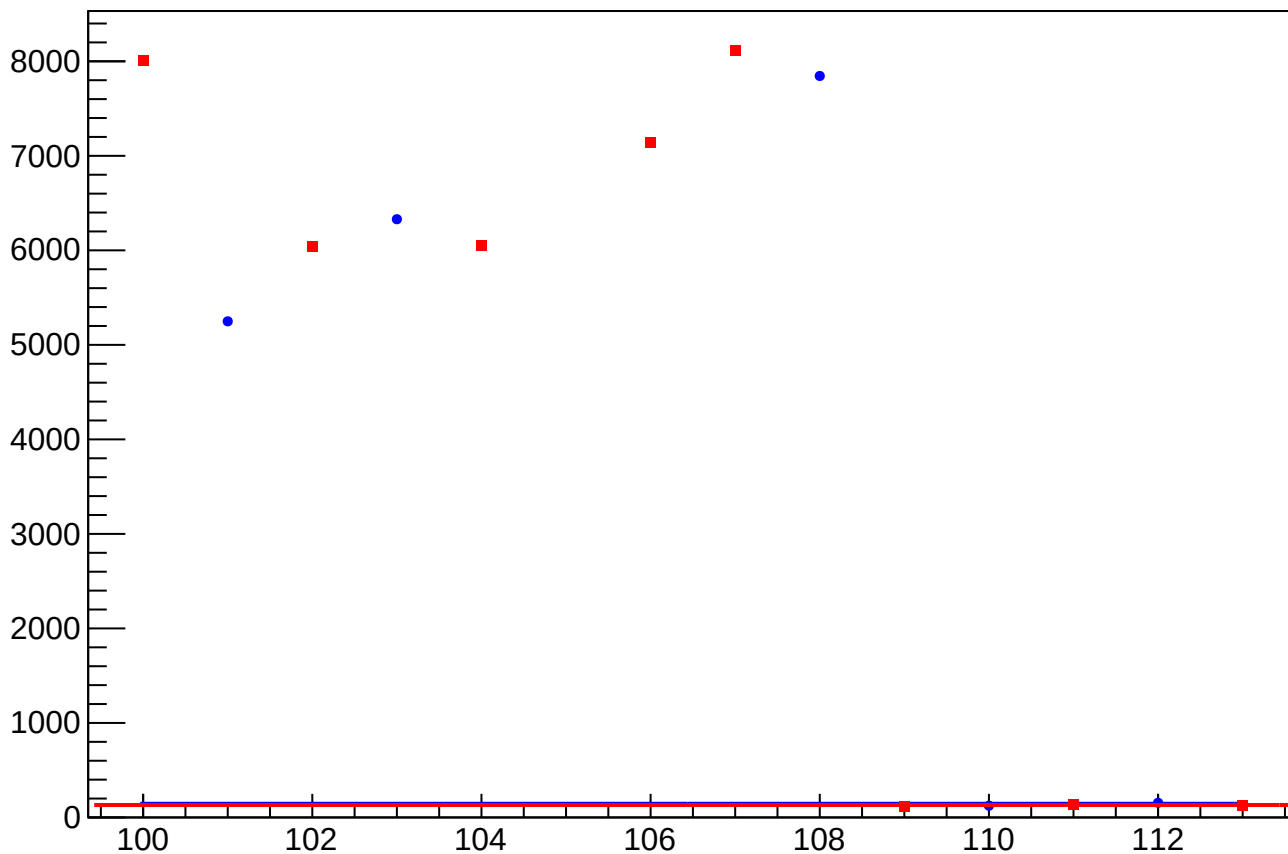
Right: 61.728+/-94.303 χ^2/NDF : 13.3/12

In: 72.472+/-151.932 χ^2/NDF : 6.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.728+/-94.303 χ^2/NDF : 13.3/12

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: 131.993+/-0.085 χ^2/NDF : 3458104.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

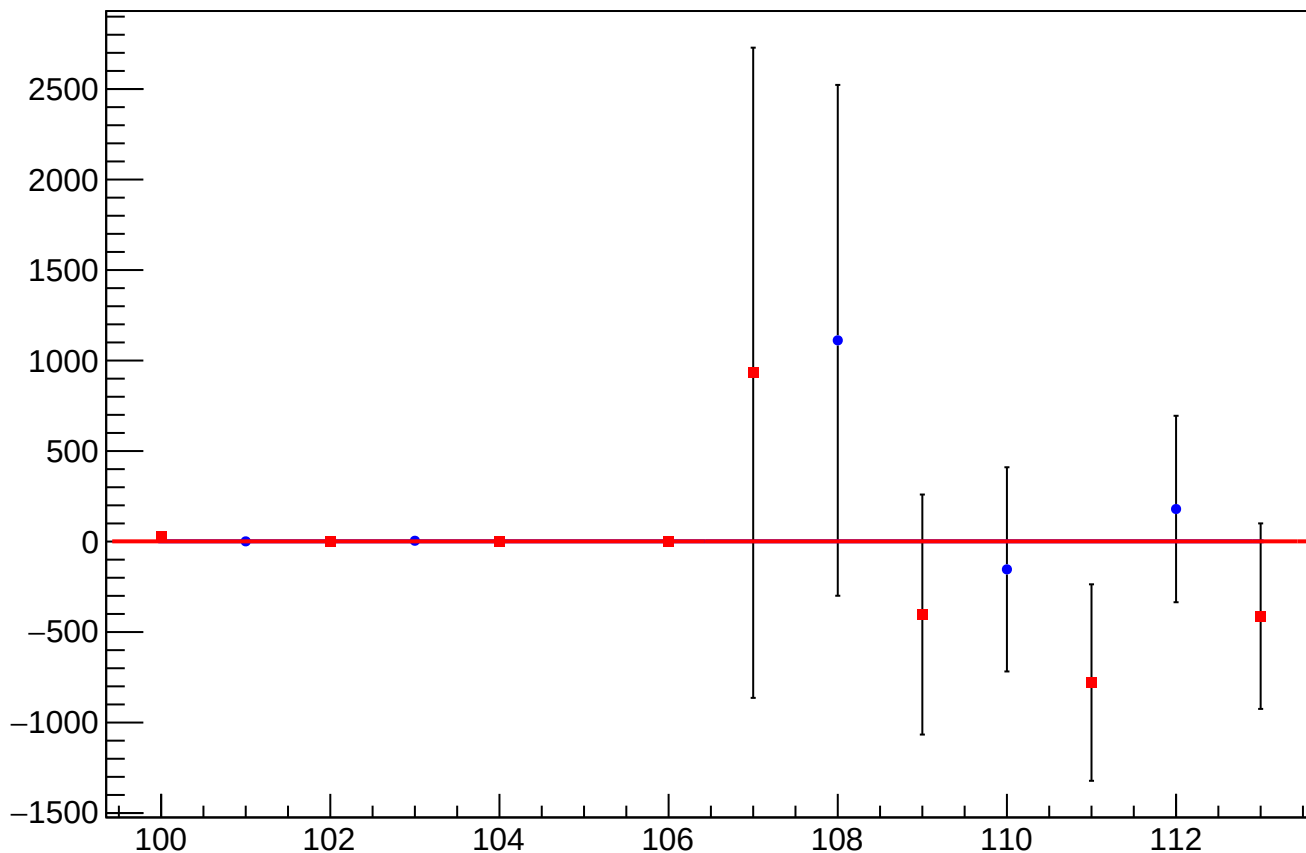
Right: 136.897+/-0.067 χ^2/NDF : 6644668.7/12

In: 144.723+/-0.107 χ^2/NDF : 3177931.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.897+/-0.067 χ^2/NDF : 6644668.7/12

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: 1.446 $\pm$ 1.660 χ^2 /NDF: 1.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.102 $\pm$ 1.528 χ^2 /NDF: 5.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

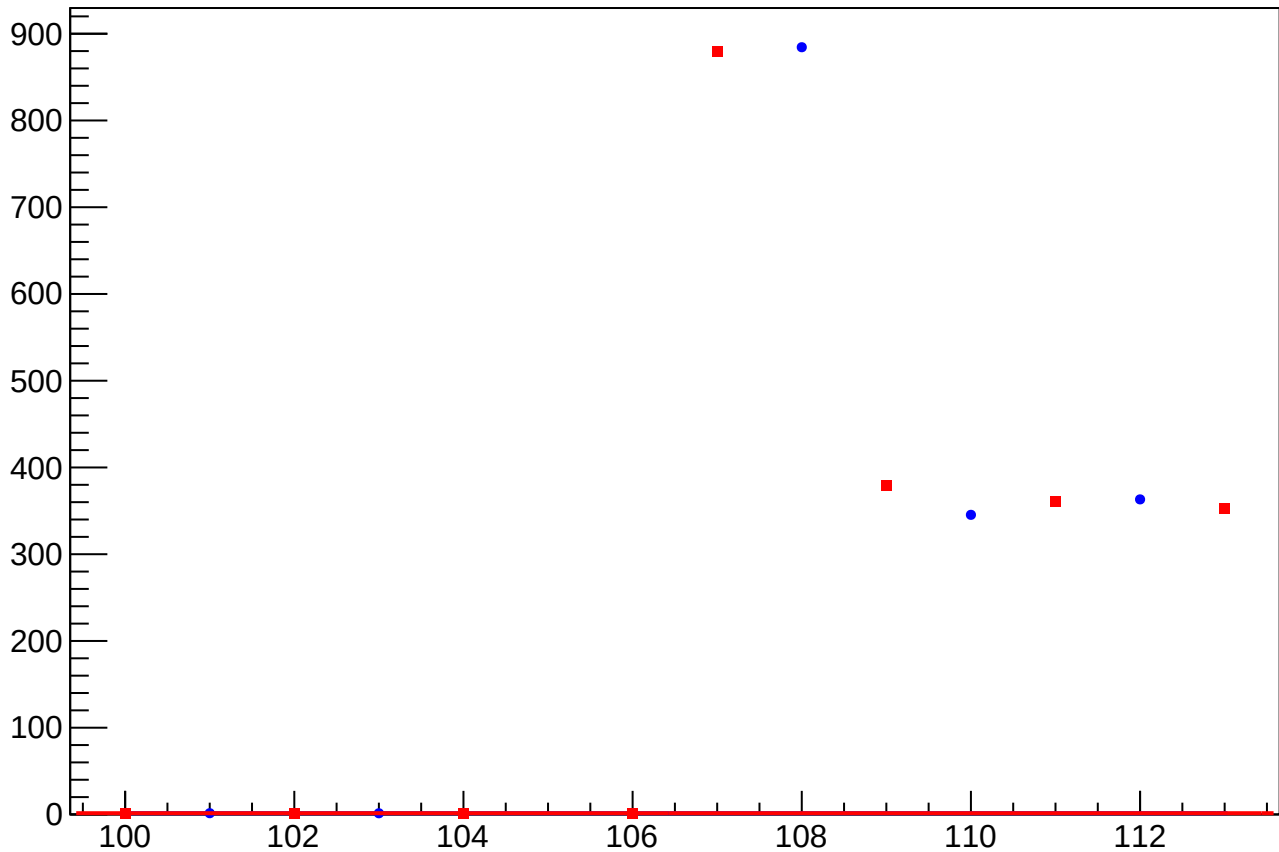
Right: 1.259 $\pm$ 1.124 χ^2 /NDF: 7.1/12

In: 1.446 $\pm$ 1.660 χ^2 /NDF: 1.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.259 $\pm$ 1.124 χ^2 /NDF: 7.1/12

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: 1.442+/-0.001 χ^2/NDF : 2944149.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

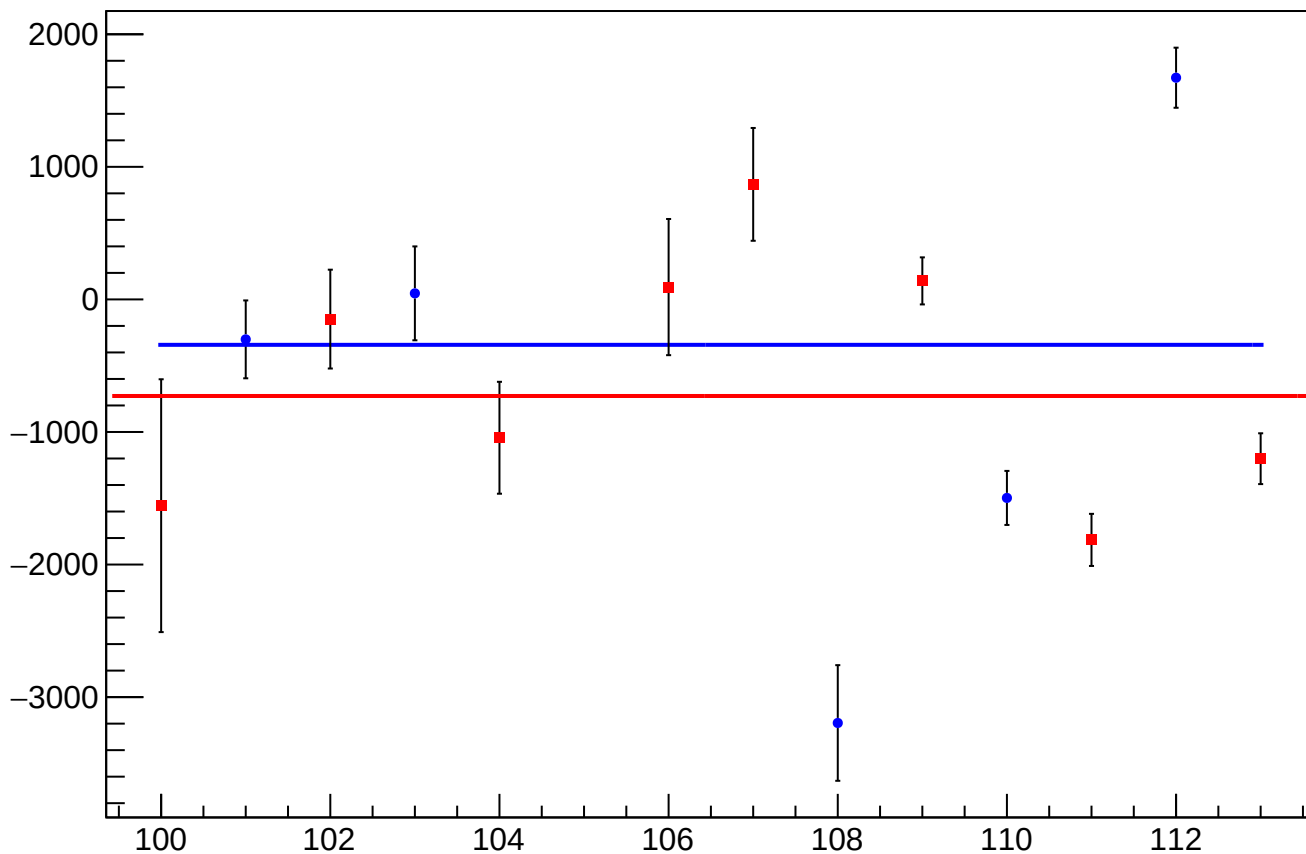
Right: 1.440+/-0.001 χ^2/NDF : 5458076.7/12

In: 1.437+/-0.001 χ^2/NDF : 2513919.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.440+/-0.001 χ^2/NDF : 5458076.7/12

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: -728.522+/-96.185 χ^2/NDF : 80.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

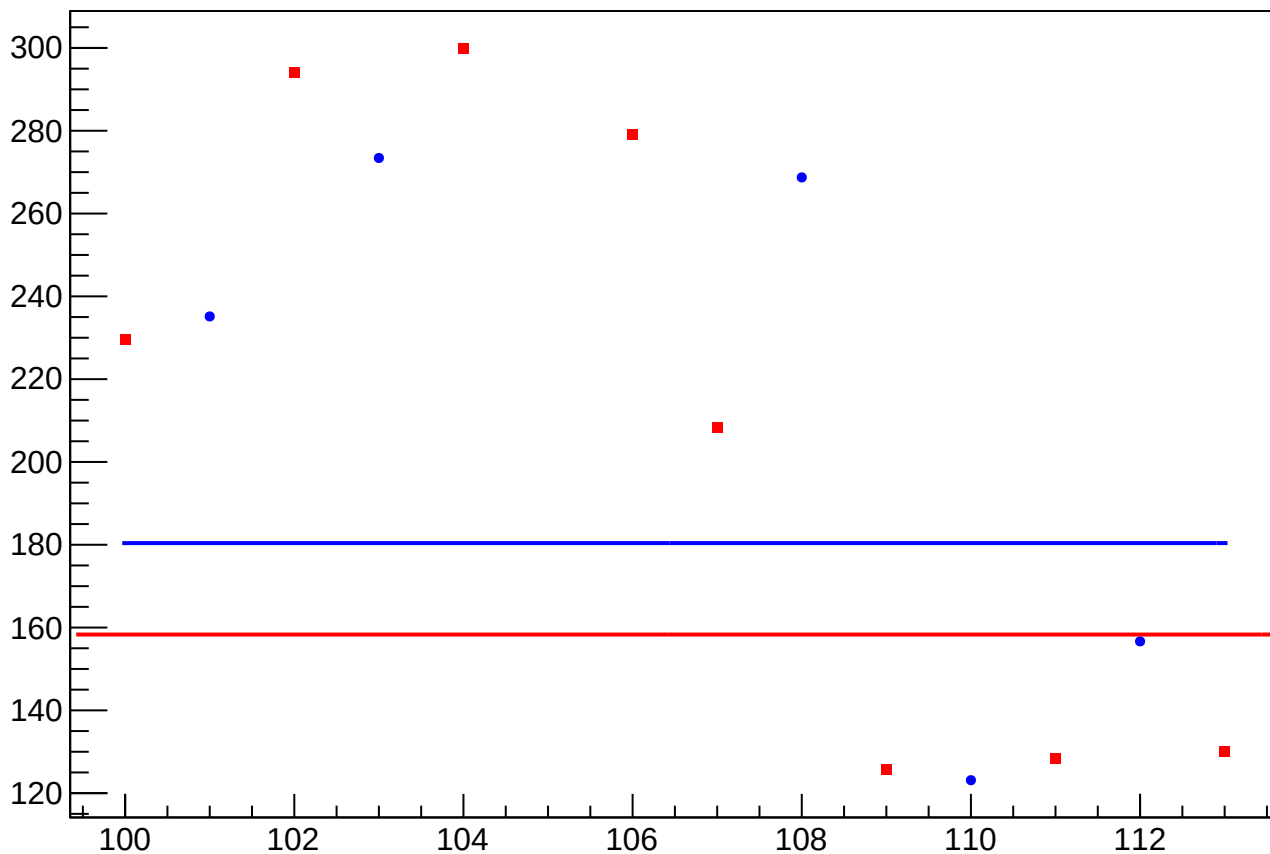
Right: -579.005+/-75.280 χ^2/NDF : 242.3/12

In: -342.619+/-120.941 χ^2/NDF : 155.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -579.005+/-75.280 χ^2/NDF : 242.3/12

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: 158.315+/-0.068 χ^2/NDF : 797260.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

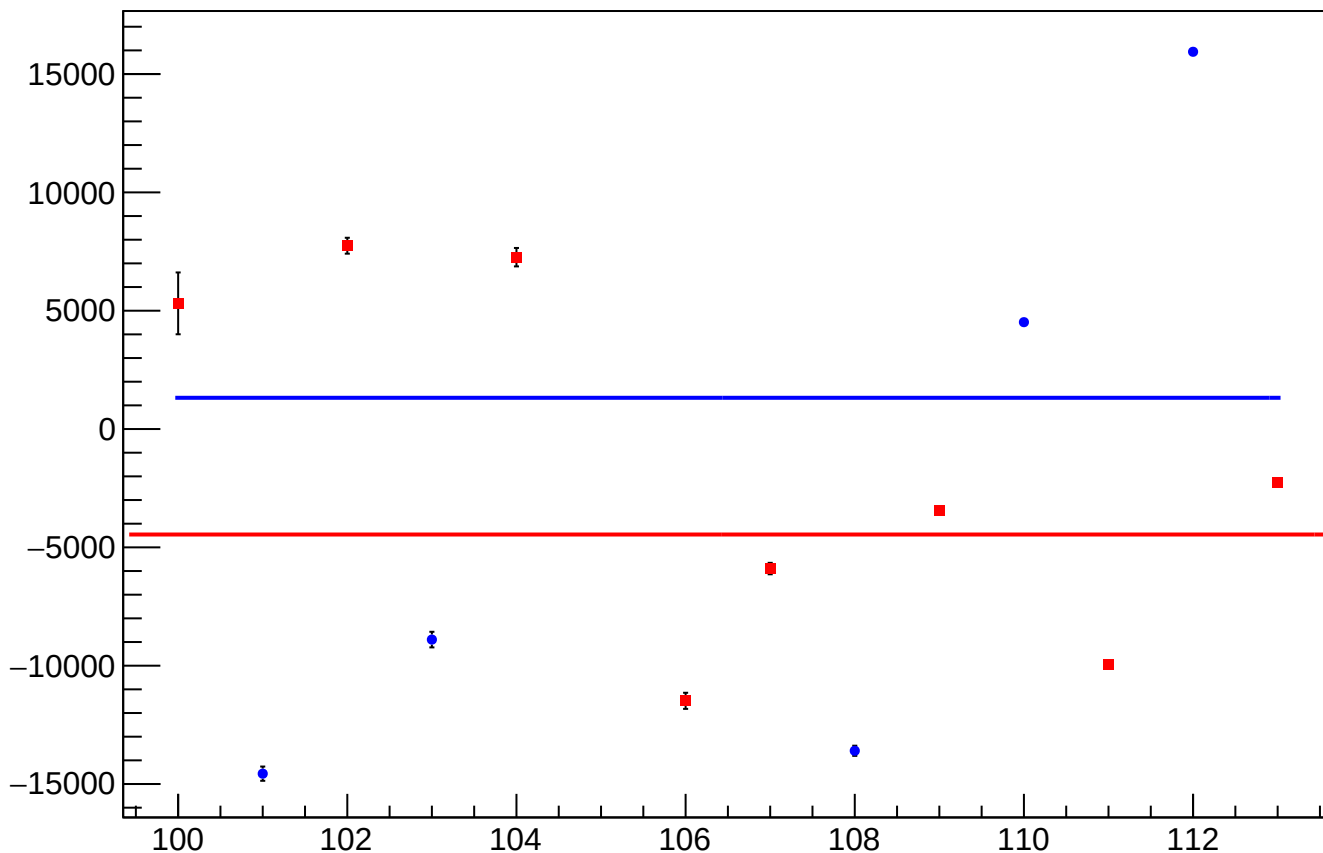
Right: 166.872+/-0.053 χ^2/NDF : 1307523.1/12

In: 180.399+/-0.086 χ^2/NDF : 469416.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.872+/-0.053 χ^2/NDF : 1307523.1/12

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: -4457.061+/-79.464 χ^2/NDF : 4212.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

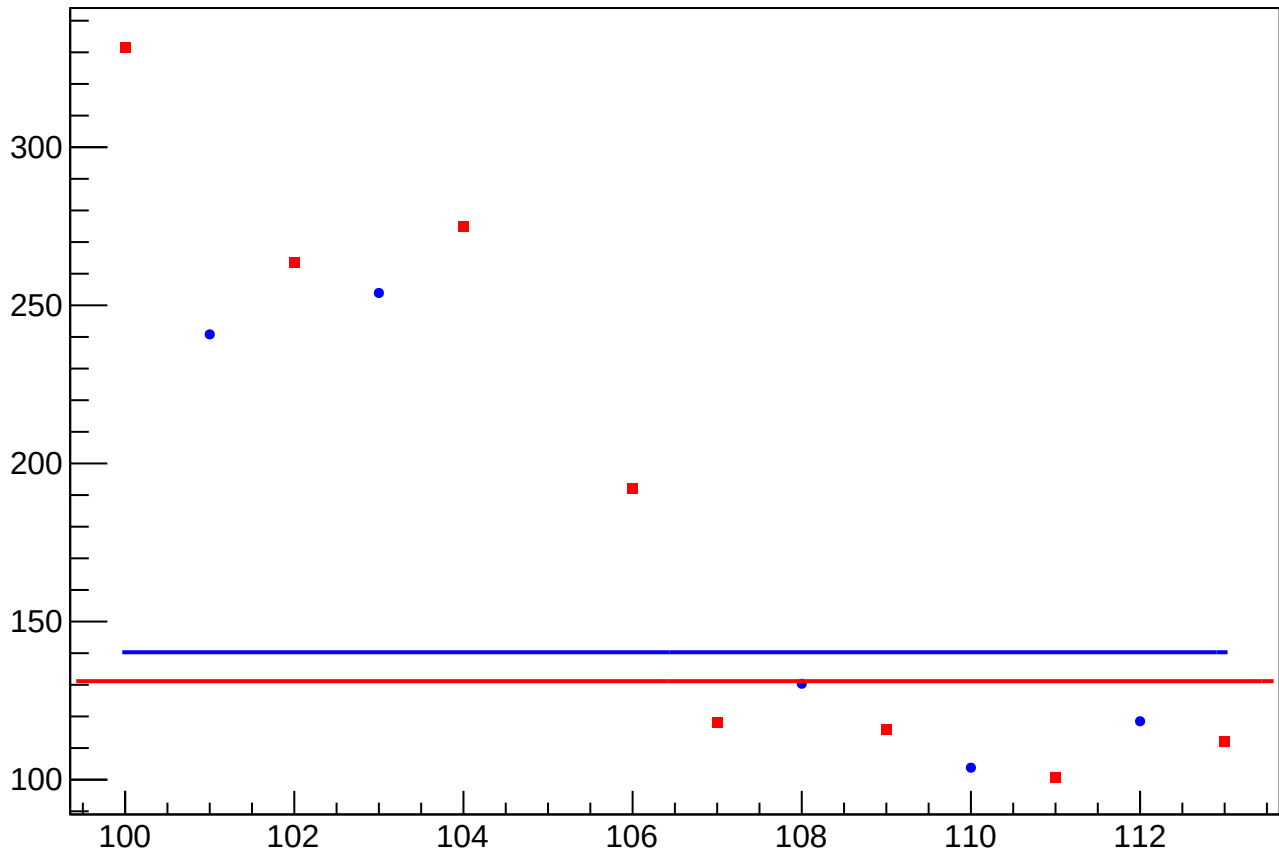
Right: -2109.522+/-61.227 χ^2/NDF : 22361.0/12

In: 1320.367+/-96.051 χ^2/NDF : 16001.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2109.522+/-61.227 χ^2/NDF : 22361.0/12

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: 131.153+/-0.056 χ^2/NDF : 820269.8/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

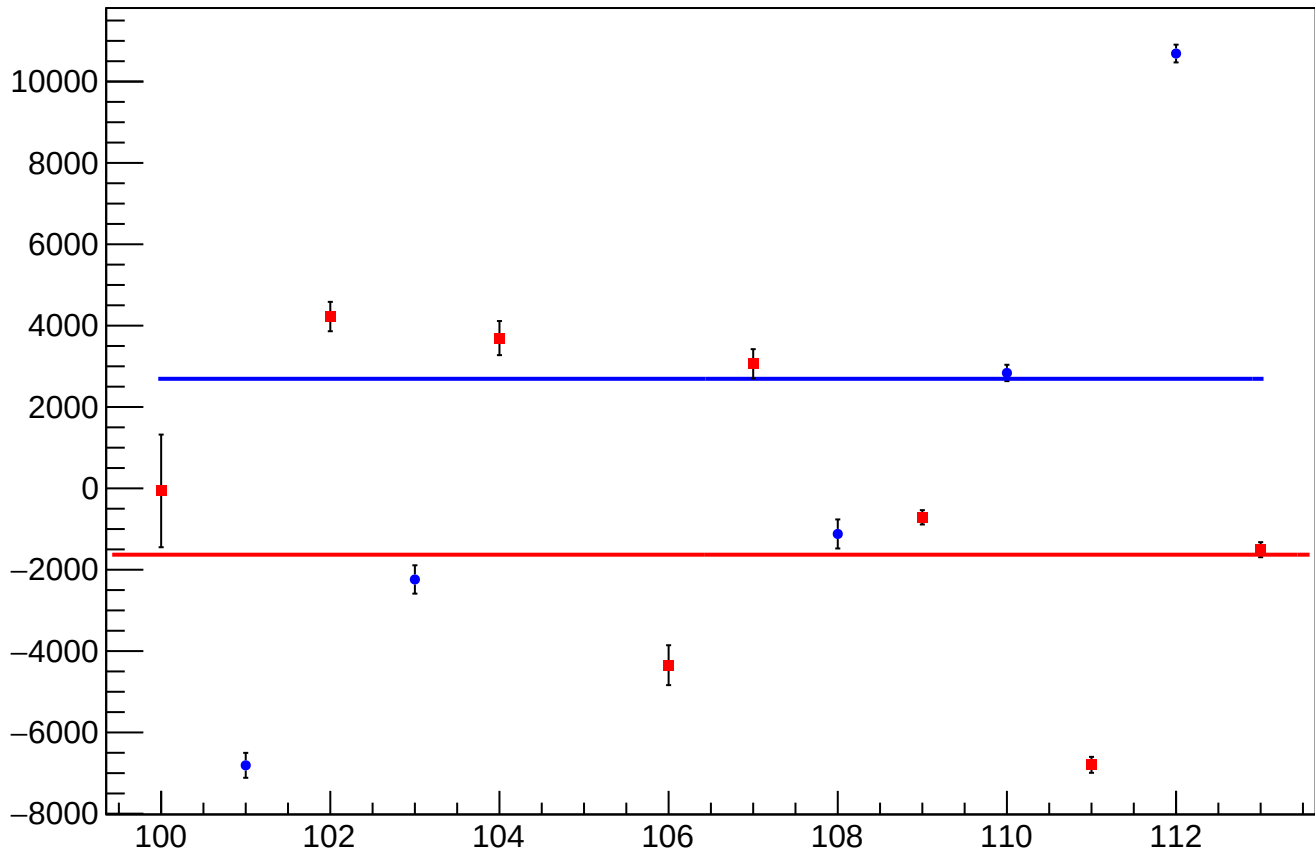
Right: 134.868+/-0.043 χ^2/NDF : 1416303.6/12

In: 140.295+/-0.068 χ^2/NDF :585277.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 134.868+/-0.043 χ^2/NDF : 1416303.6/12

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: -1630.449+/-93.900 χ^2/NDF : 1349.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

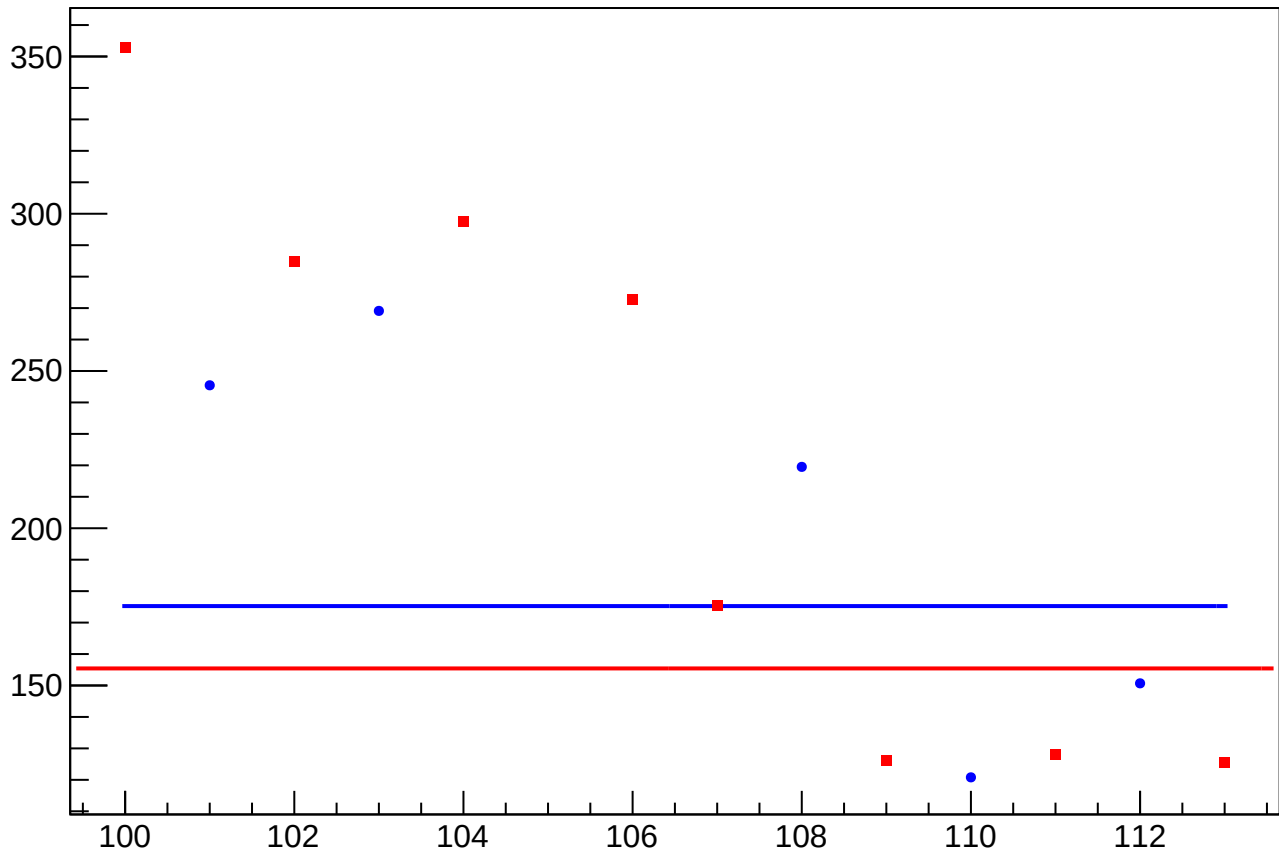
Right: 56.469+/-73.328 χ^2/NDF : 4796.0/12

In: 2693.147+/-117.394 χ^2/NDF : 2619.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.469+/-73.328 χ^2/NDF : 4796.0/12

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: 155.423+/-0.066 χ^2/NDF : 795751.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

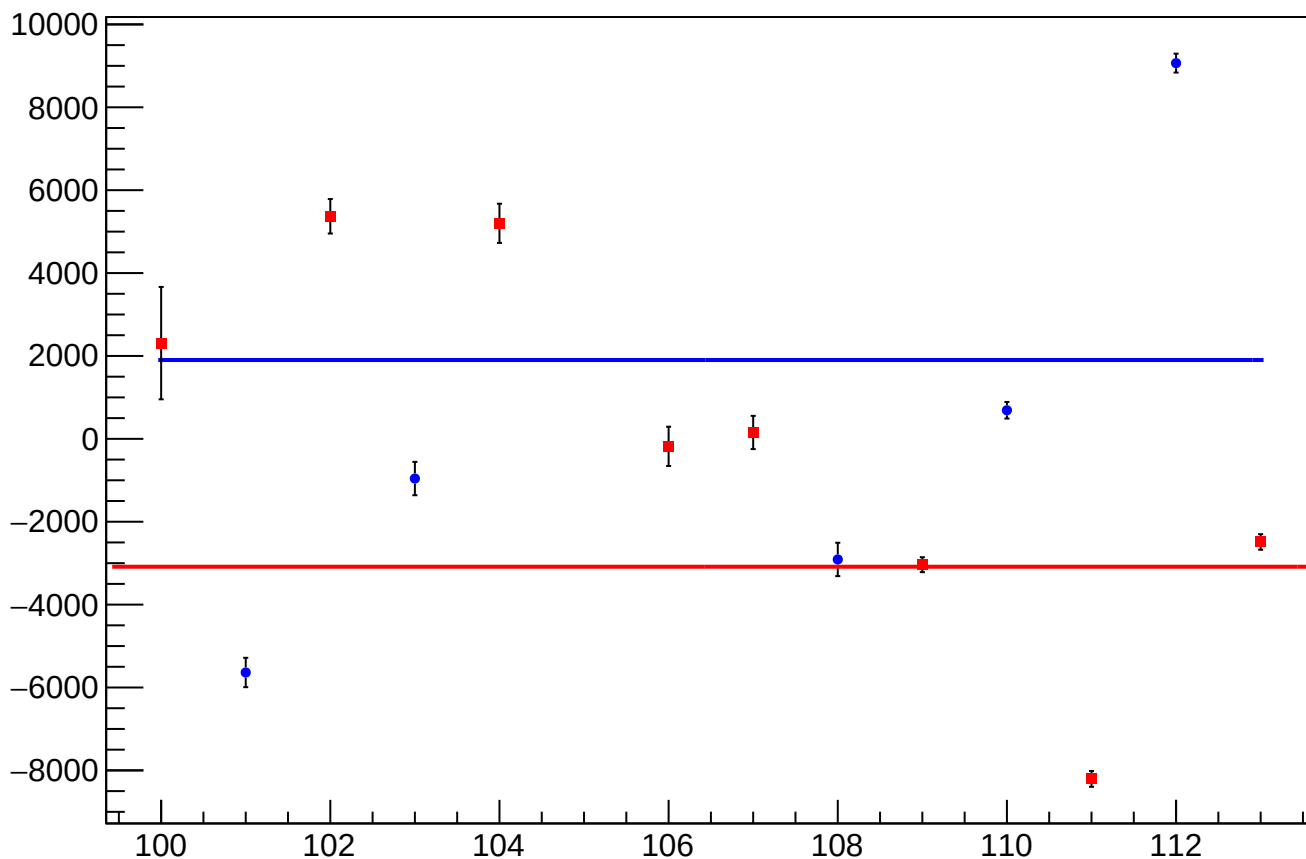
Right: 163.159+/-0.052 χ^2/NDF : 1283980.2/12

In: 175.249+/-0.083 χ^2/NDF : 453441.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.159+/-0.052 χ^2/NDF : 1283980.2/12

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: -3085.648+/-96.212 χ^2/NDF : 1567.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

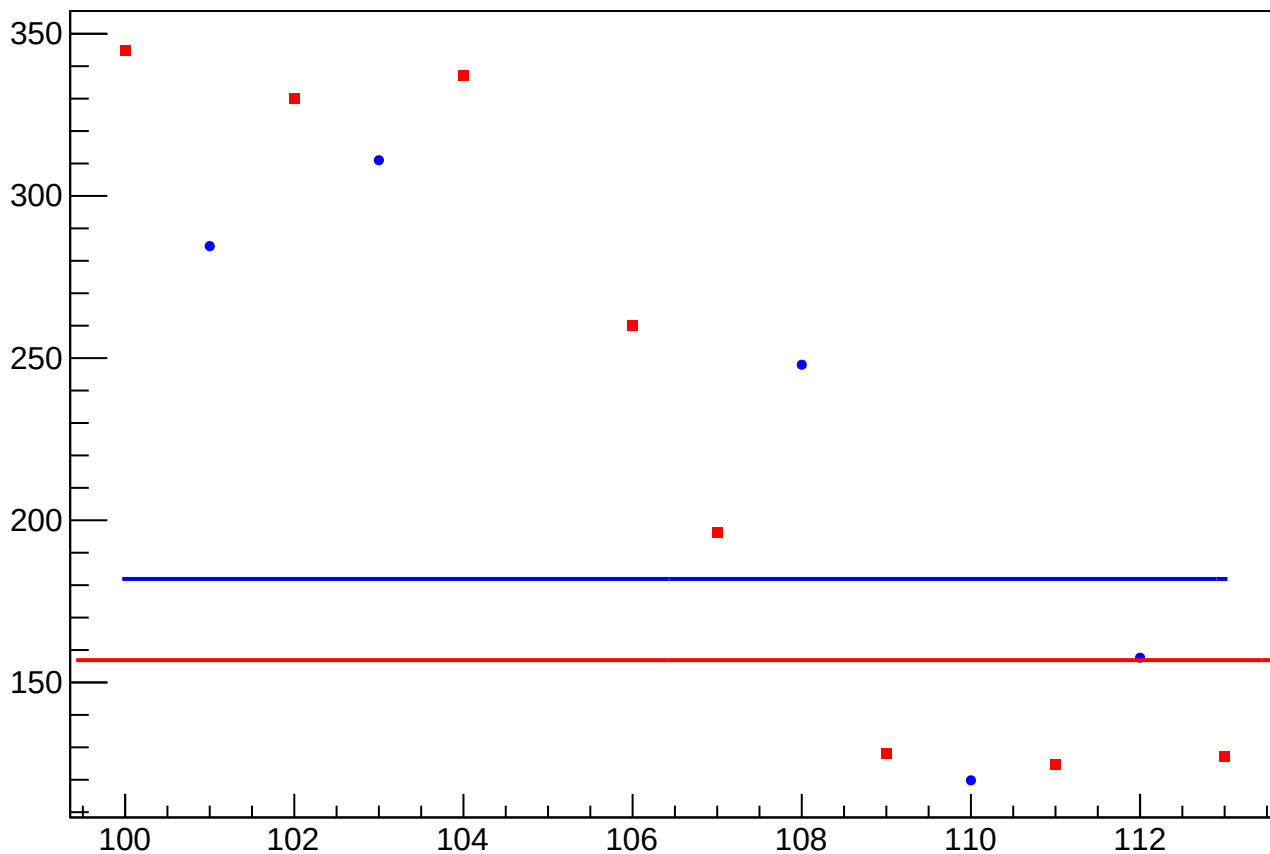
Right: -1218.636+/-76.103 χ^2/NDF : 4244.8/12

In: 1902.037+/-124.388 χ^2/NDF : 1671.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1218.636+/-76.103 χ^2/NDF : 4244.8/12

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: 156.877 $\pm$ 0.068 χ^2 /NDF: 947473.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

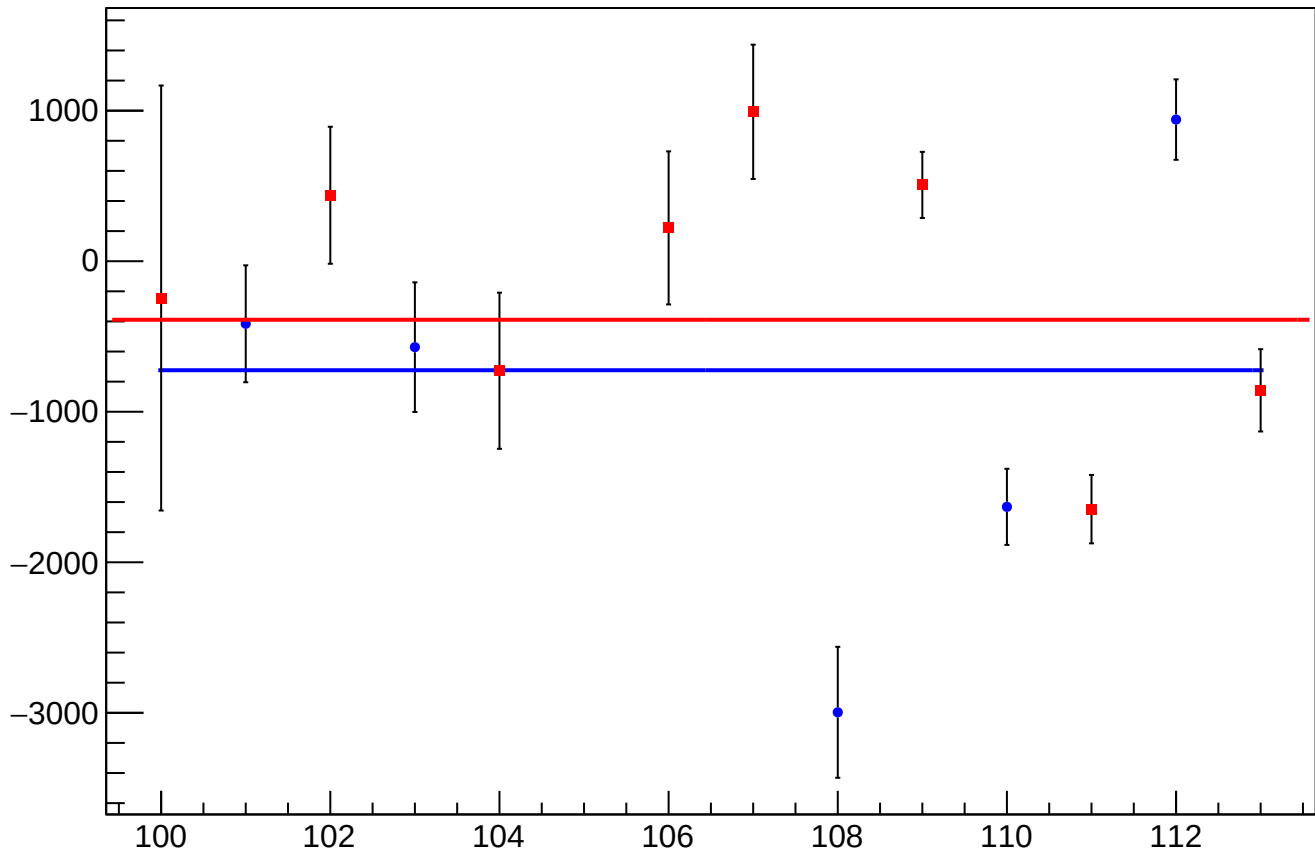
Right: 166.249 $\pm$ 0.054 χ^2 /NDF: 1641808.2/12

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: 166.249 $\pm$ 0.054 χ^2 /NDF: 1641808.2/12

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: -388.862+/-118.301 χ^2/NDF : 65.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

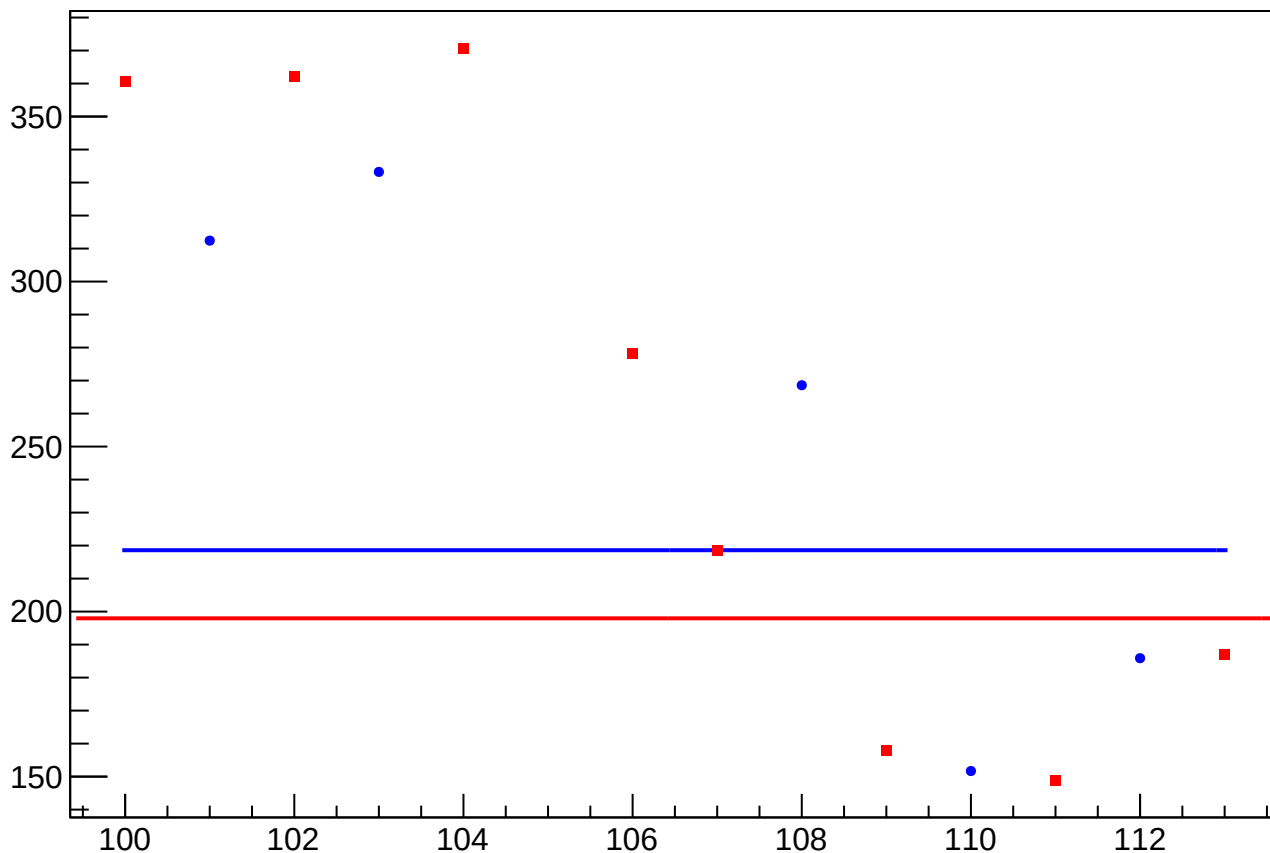
Right: -521.853+/-91.899 χ^2/NDF : 148.0/12

In: -724.235+/-145.937 χ^2/NDF : 79.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -521.853+/-91.899 χ^2/NDF : 148.0/12

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: 197.957+/-0.084 χ^2/NDF : 724670.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

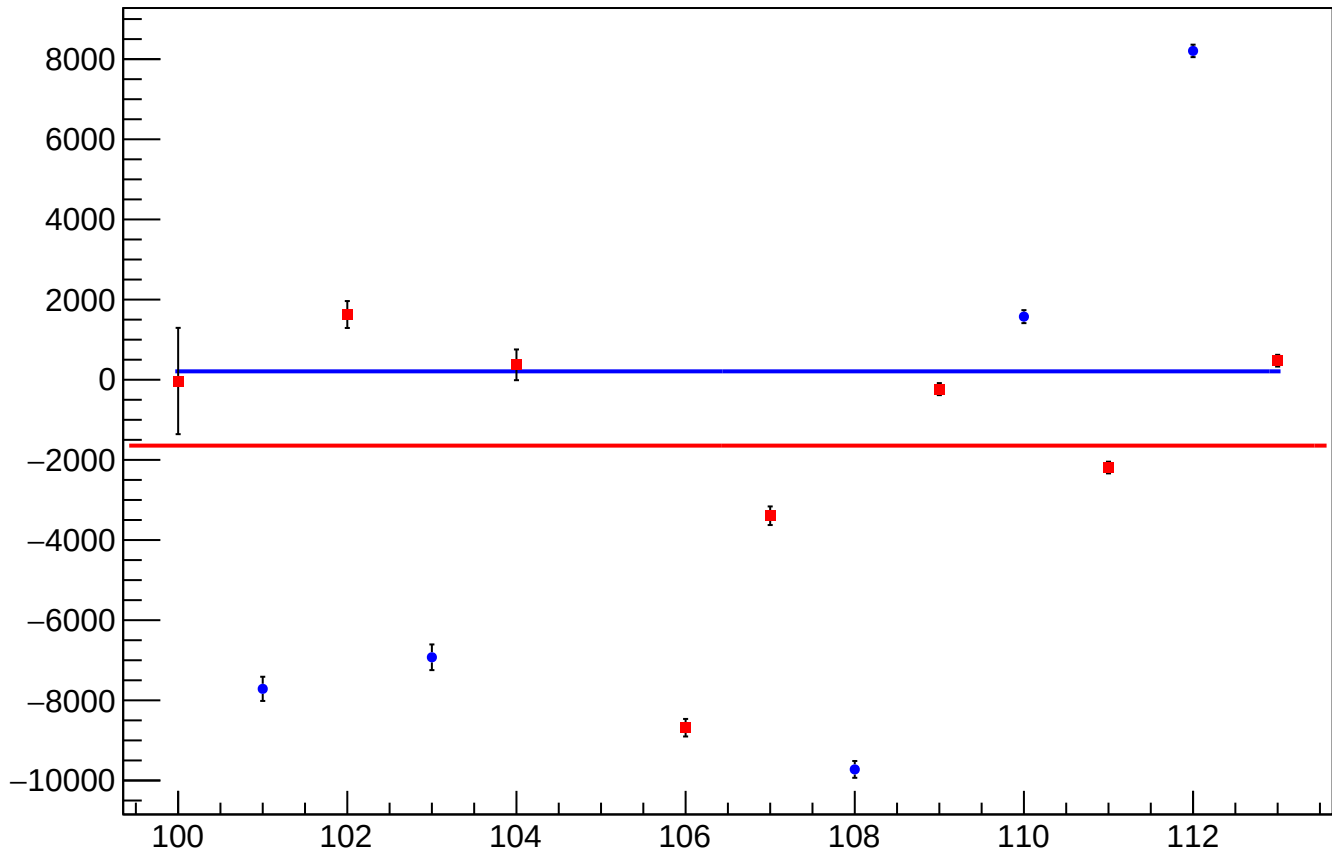
Right: 206.142+/-0.065 χ^2/NDF : 1203693.2/12

In: 218.598+/-0.103 χ^2/NDF : 454877.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 206.142+/-0.065 χ^2/NDF : 1203693.2/12

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: -1643.804+/-71.856 χ^2/NDF : 1526.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

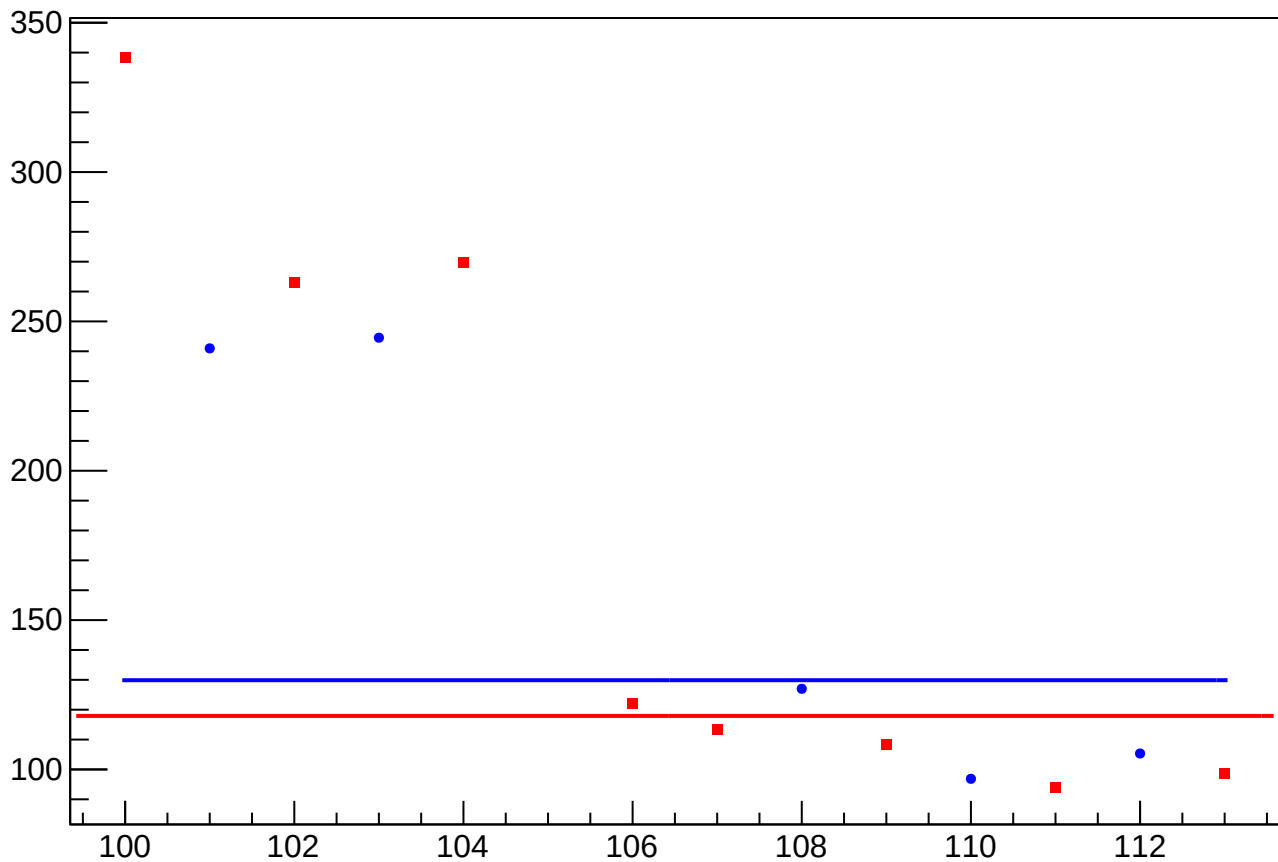
Right: -924.476+/-56.207 χ^2/NDF : 7928.2/12

In: 209.495+/-90.219 χ^2/NDF : 6143.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -924.476+/-56.207 χ^2/NDF : 7928.2/12

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: 117.920+/-0.051 χ^2/NDF : 841448.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

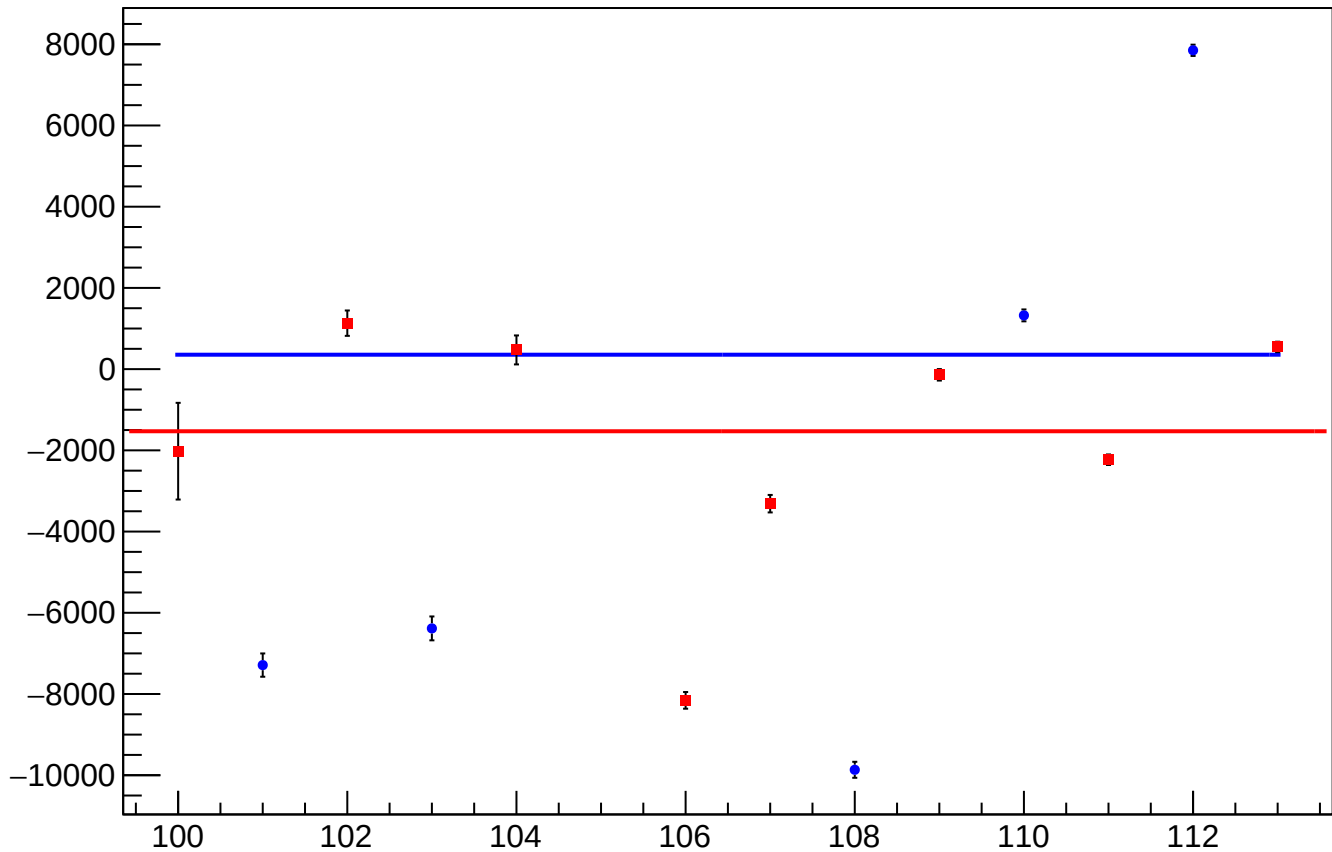
Right: 122.560+/-0.040 χ^2/NDF : 1523093.7/12

In: 129.876+/-0.064 χ^2/NDF : 660152.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.560+/-0.040 χ^2/NDF : 1523093.7/12

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: -1529.821+/-65.319 χ^2/NDF : 1601.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

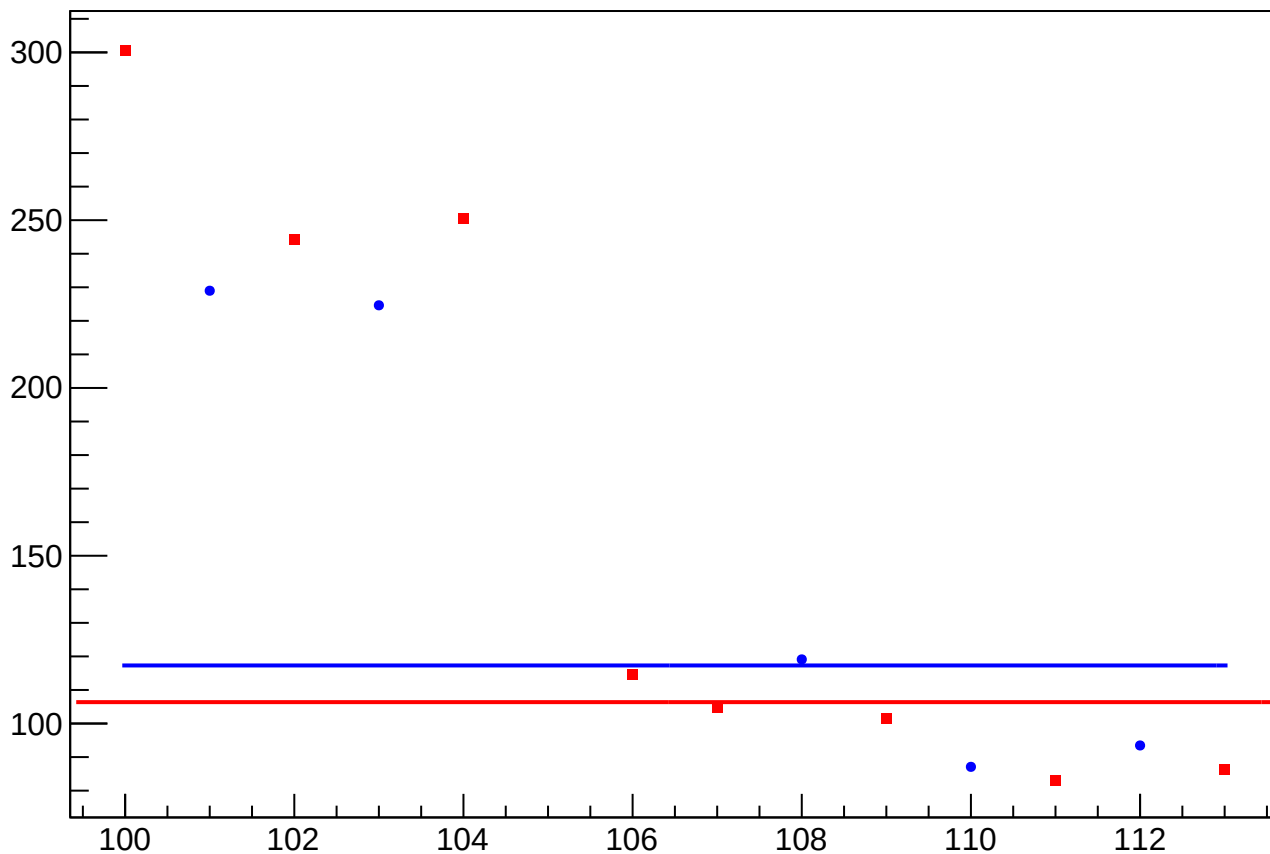
Right: -800.121+/-51.137 χ^2/NDF : 8812.7/12

In: 355.237+/-82.191 χ^2/NDF : 6888.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -800.121+/-51.137 χ^2/NDF : 8812.7/12

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 117.305+/-0.058 χ^2/NDF : 714131.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.376+/-0.046 χ^2/NDF : 888418.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

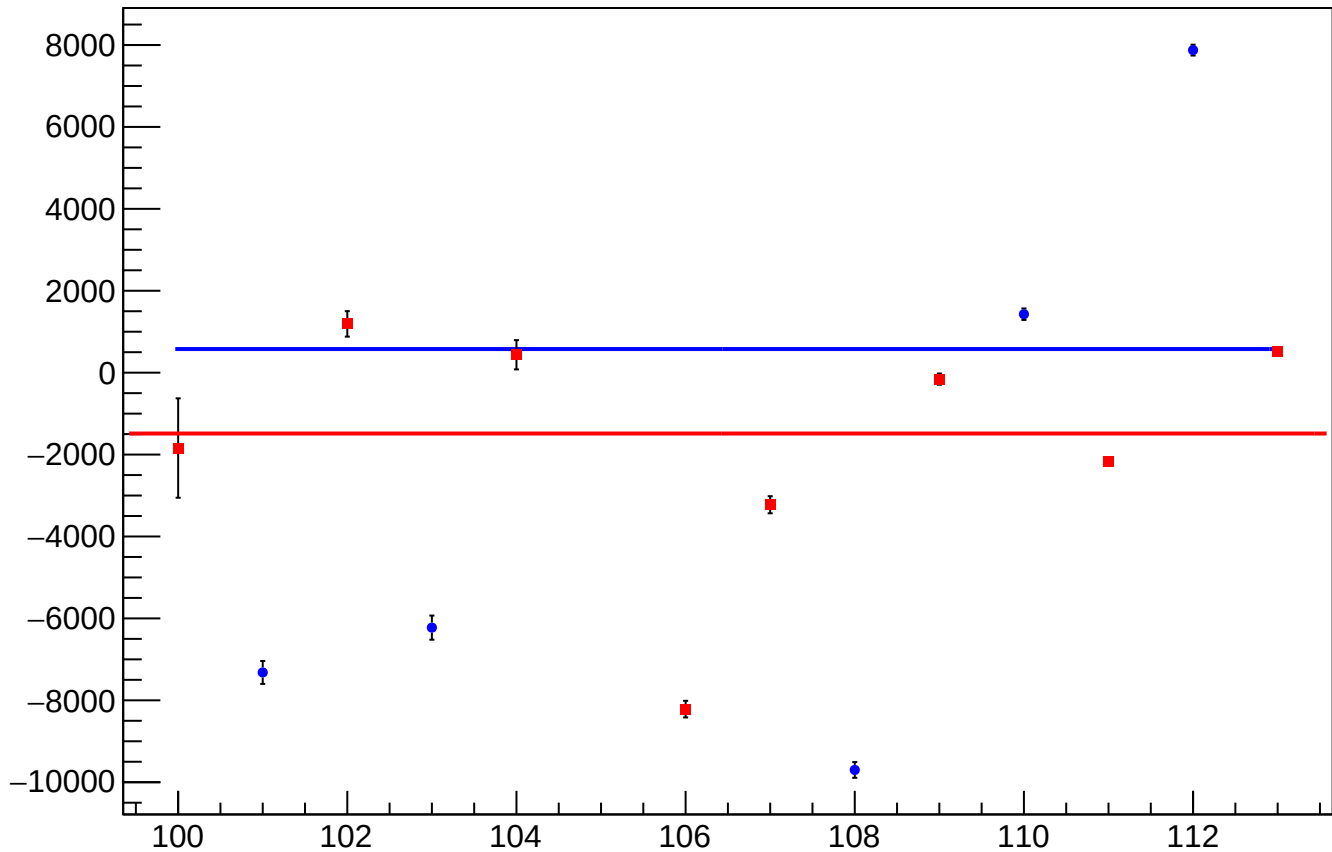
Right: 110.607+/-0.036 χ^2/NDF : 1624225.0/12

In: 117.305+/-0.058 χ^2/NDF : 714131.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.607+/-0.036 χ^2/NDF : 1624225.0/12

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: -1485.909+/-62.441 χ^2/NDF : 1672.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

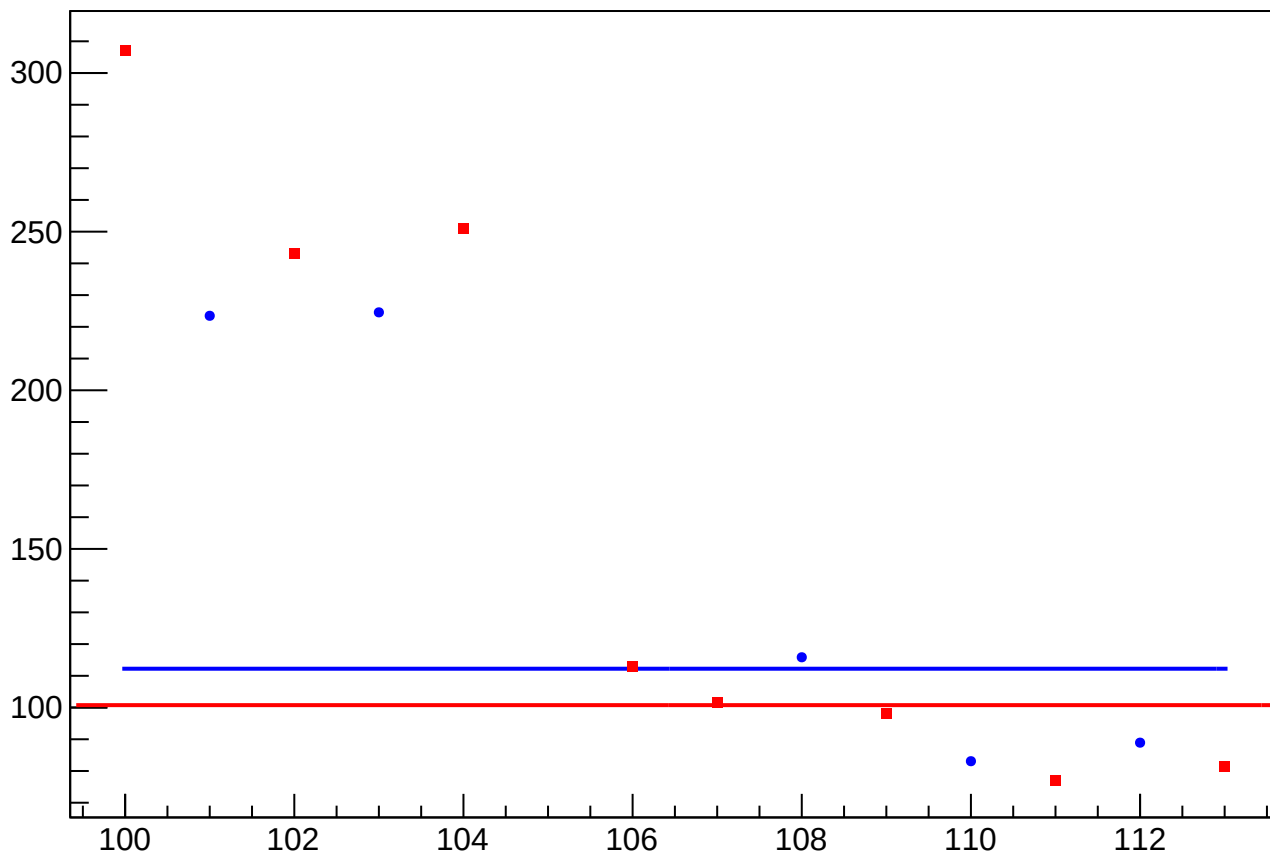
Right: -695.852+/-49.044 χ^2/NDF : 9353.1/12

In: 576.520+/-79.241 χ^2/NDF : 7262.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -695.852+/-49.044 χ^2/NDF : 9353.1/12

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: 100.758+/-0.044 χ^2/NDF : 966955.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

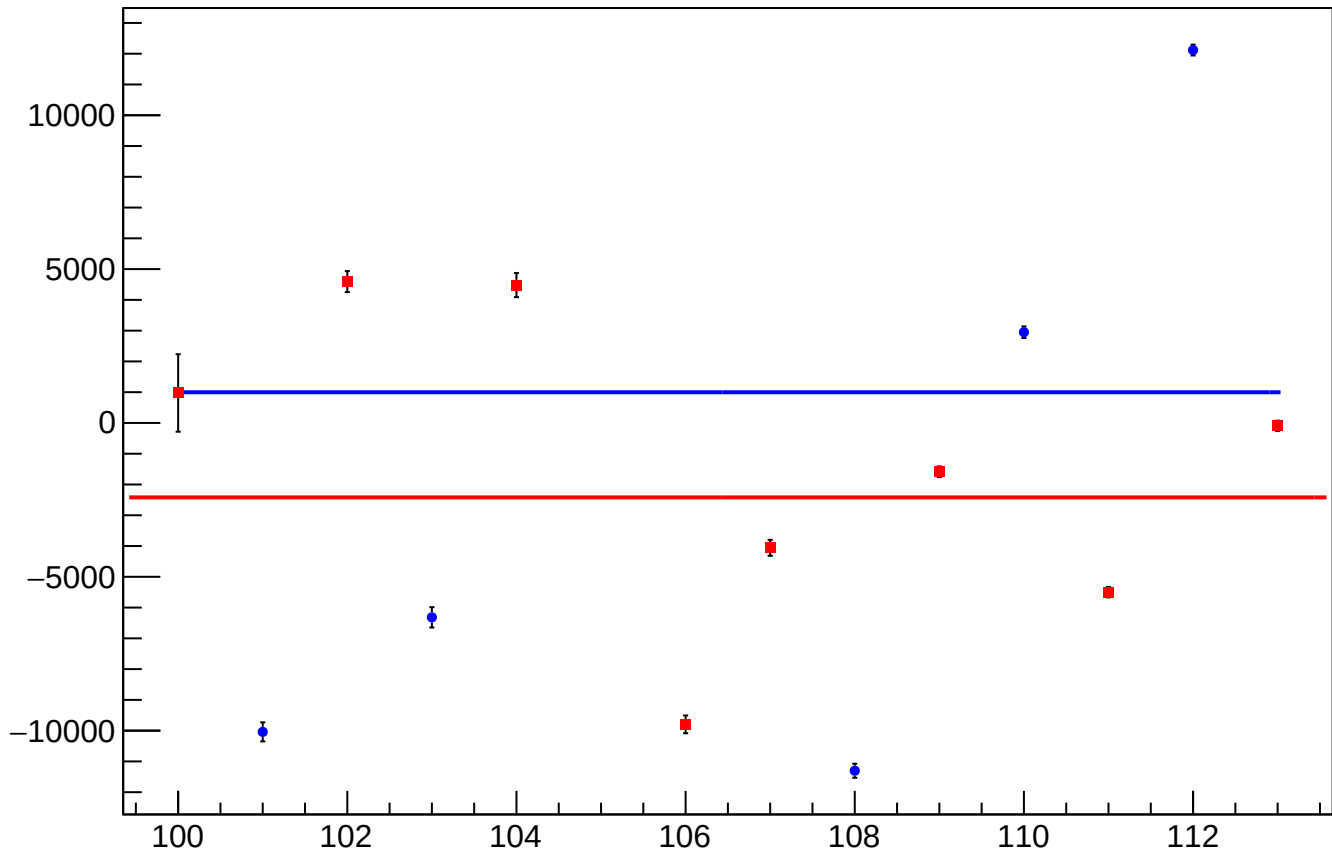
Right: 105.155+/-0.035 χ^2/NDF : 1748230.0/12

In: 112.237+/-0.056 χ^2/NDF : 755382.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.155+/-0.035 χ^2/NDF : 1748230.0/12

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: -2419.333 ± 82.360 χ^2/NDF : 1978.9/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

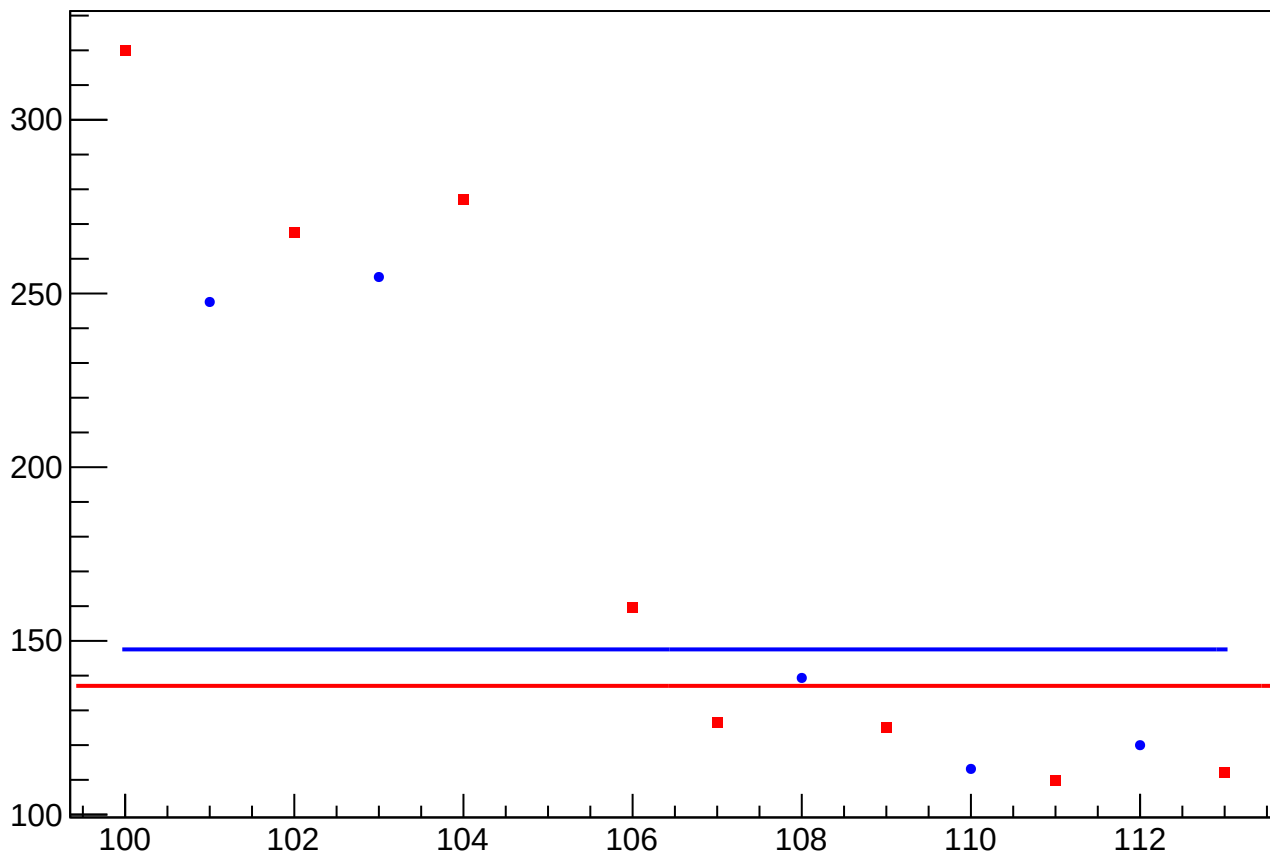
Right: -1044.882 ± 63.672 χ^2/NDF : 11429.4/12

In: 997.009 ± 100.385 χ^2/NDF : 8758.3/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1044.882 ± 63.672 χ^2/NDF : 11429.4/12

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: 137.056+/-0.058 χ^2/NDF : 709542.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

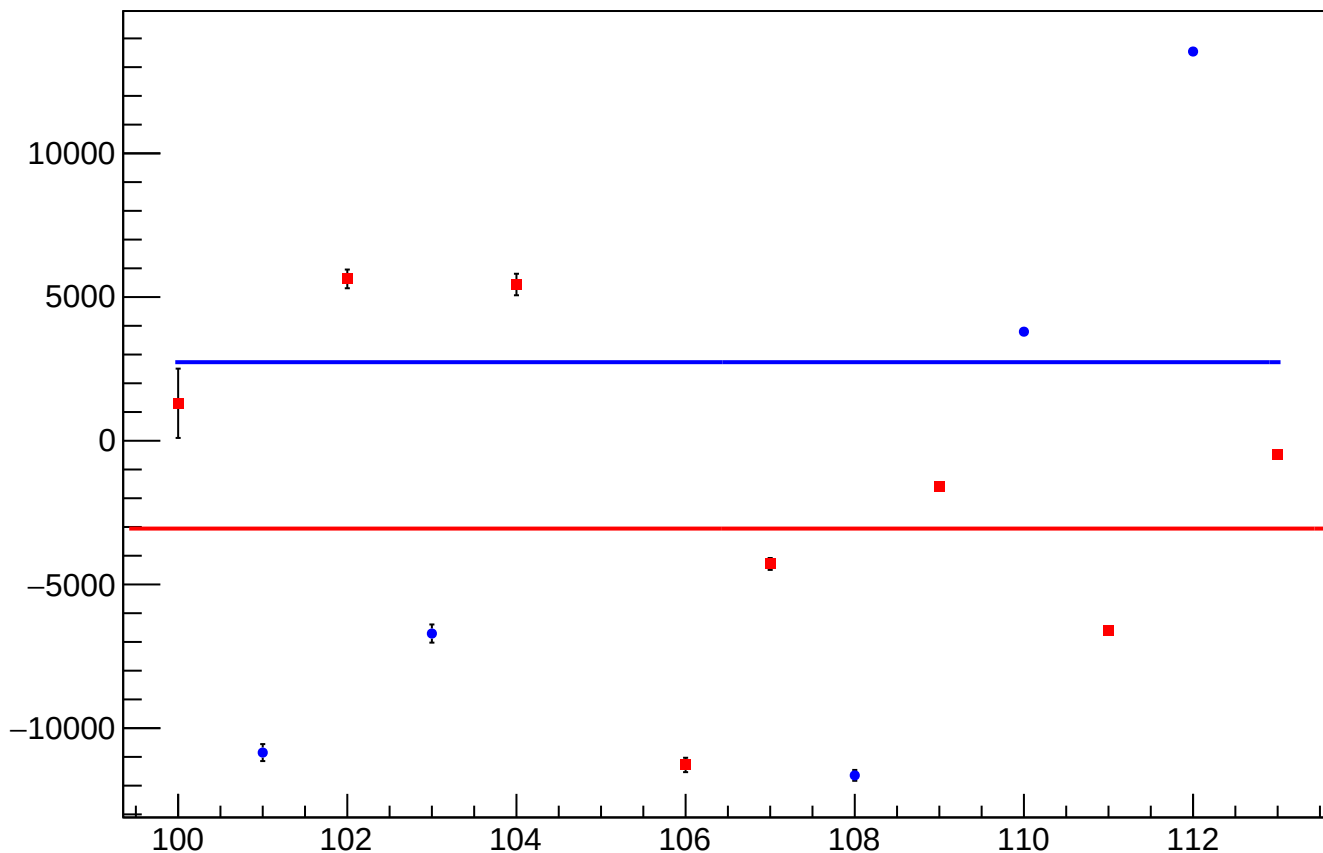
Right: 141.278+/-0.045 χ^2/NDF : 1259568.1/12

In: 147.550+/-0.071 χ^2/NDF : 536961.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.278+/-0.045 χ^2/NDF : 1259568.1/12

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: -3055.432+/-64.237 χ^2/NDF : 3743.3/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

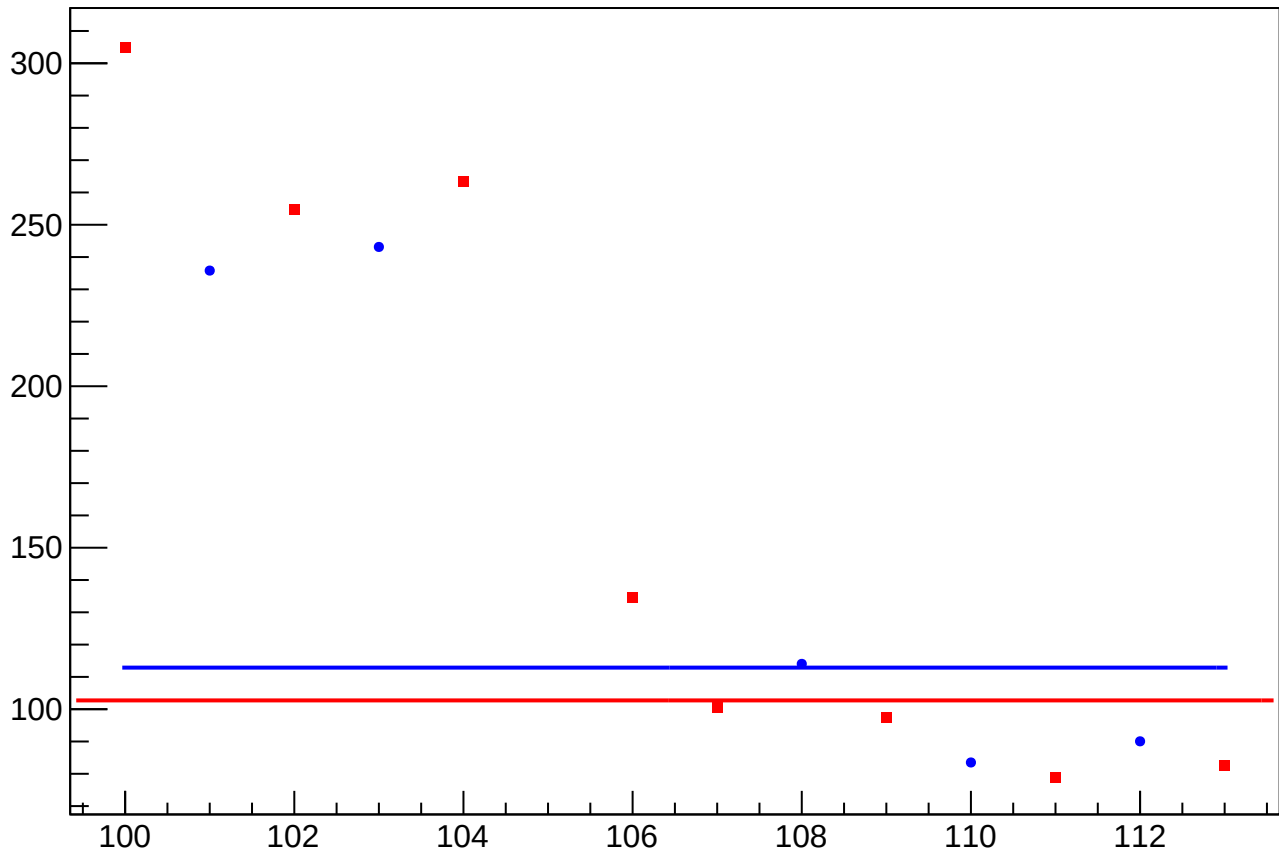
Right: -794.530+/-50.150 χ^2/NDF : 22252.4/12

In: 2734.263+/-80.252 χ^2/NDF :15336.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -794.530+/-50.150 χ^2/NDF : 22252.4/12

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: 102.722+/-0.045 χ^2/NDF : 1024590.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

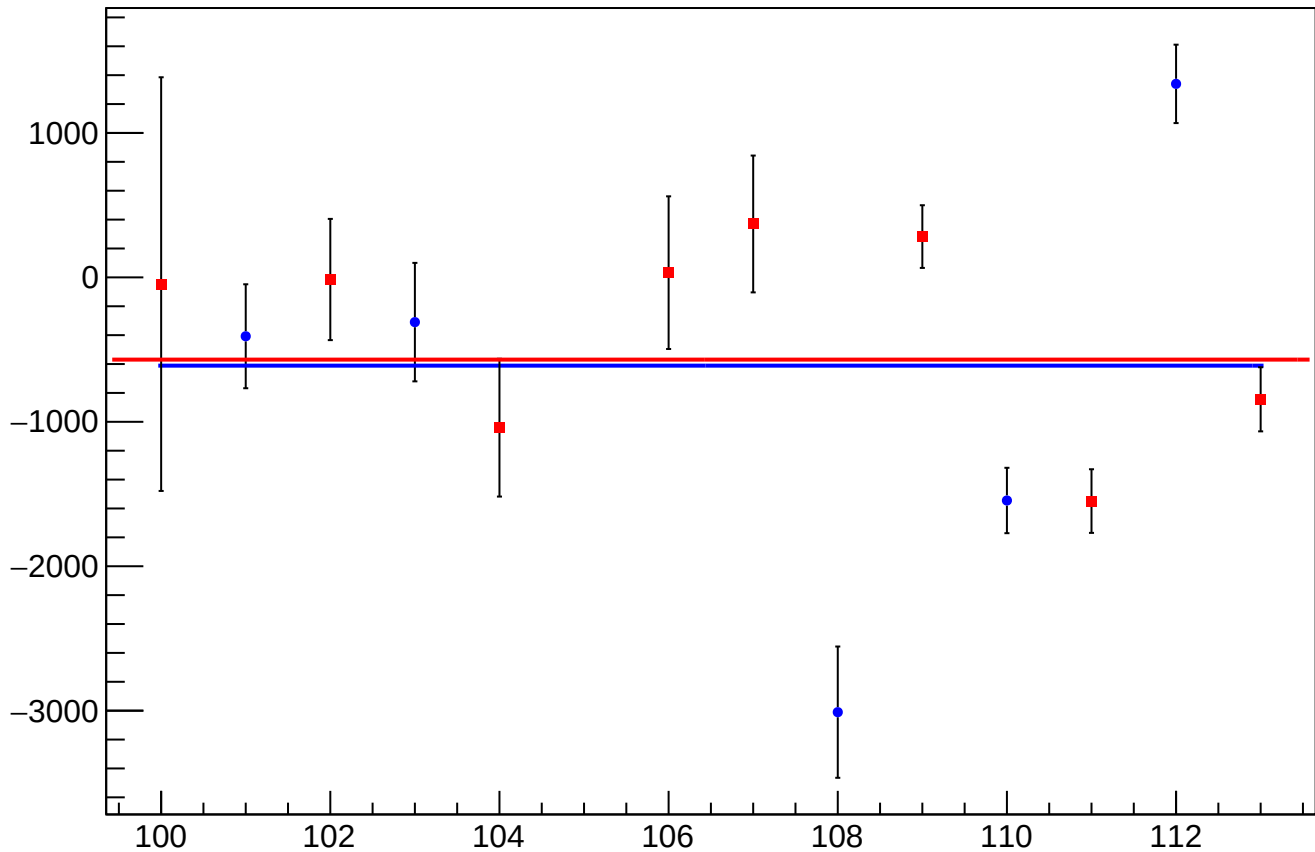
Right: 106.687+/-0.035 χ^2/NDF : 1874437.1/12

In: 112.876+/-0.057 χ^2/NDF : 830333.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.687+/-0.035 χ^2/NDF : 1874437.1/12

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: -569.339+/-111.295 χ^2/NDF : 44.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

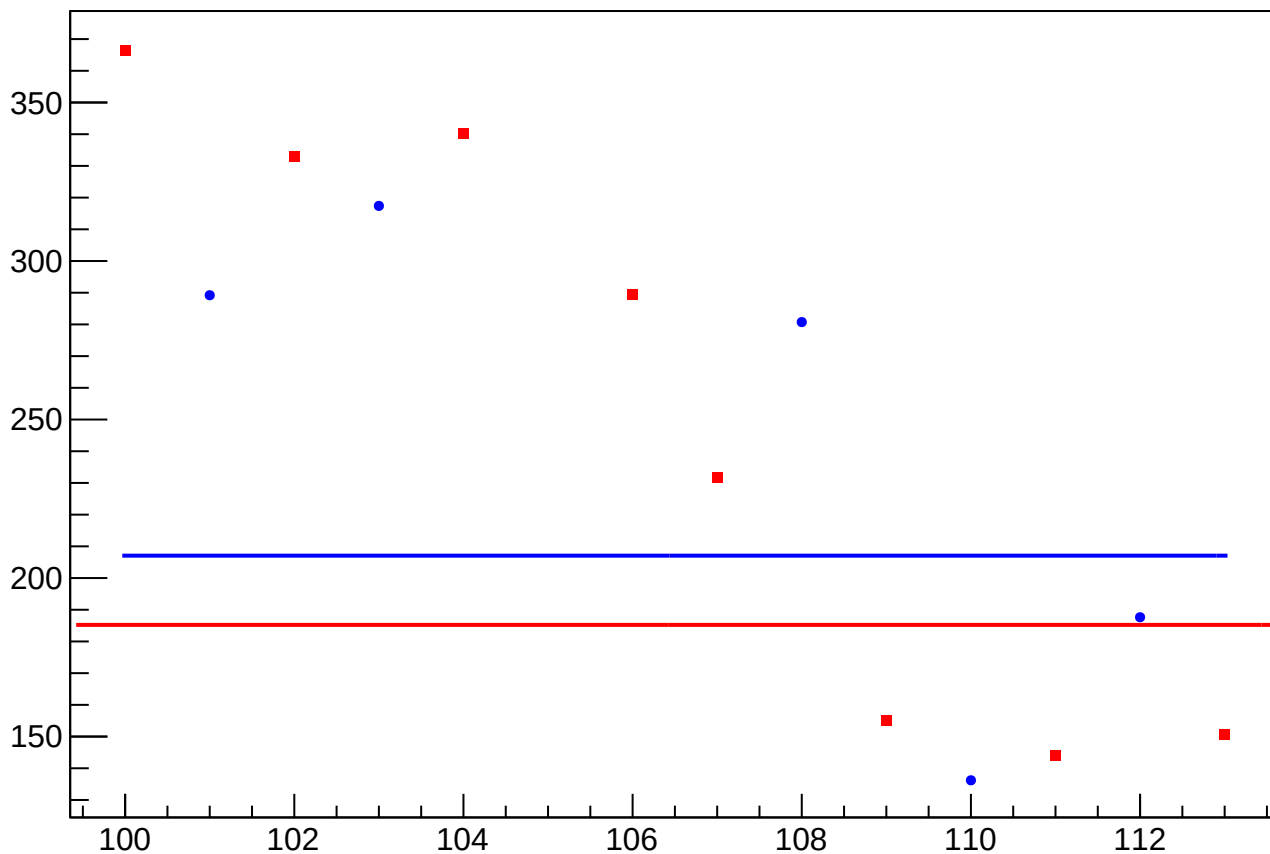
Right: -585.632+/-86.929 χ^2/NDF : 142.2/12

In: -611.122+/-139.209 χ^2/NDF : 97.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -585.632+/-86.929 χ^2/NDF : 142.2/12

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: 185.224+/-0.079 χ^2/NDF : 744730.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

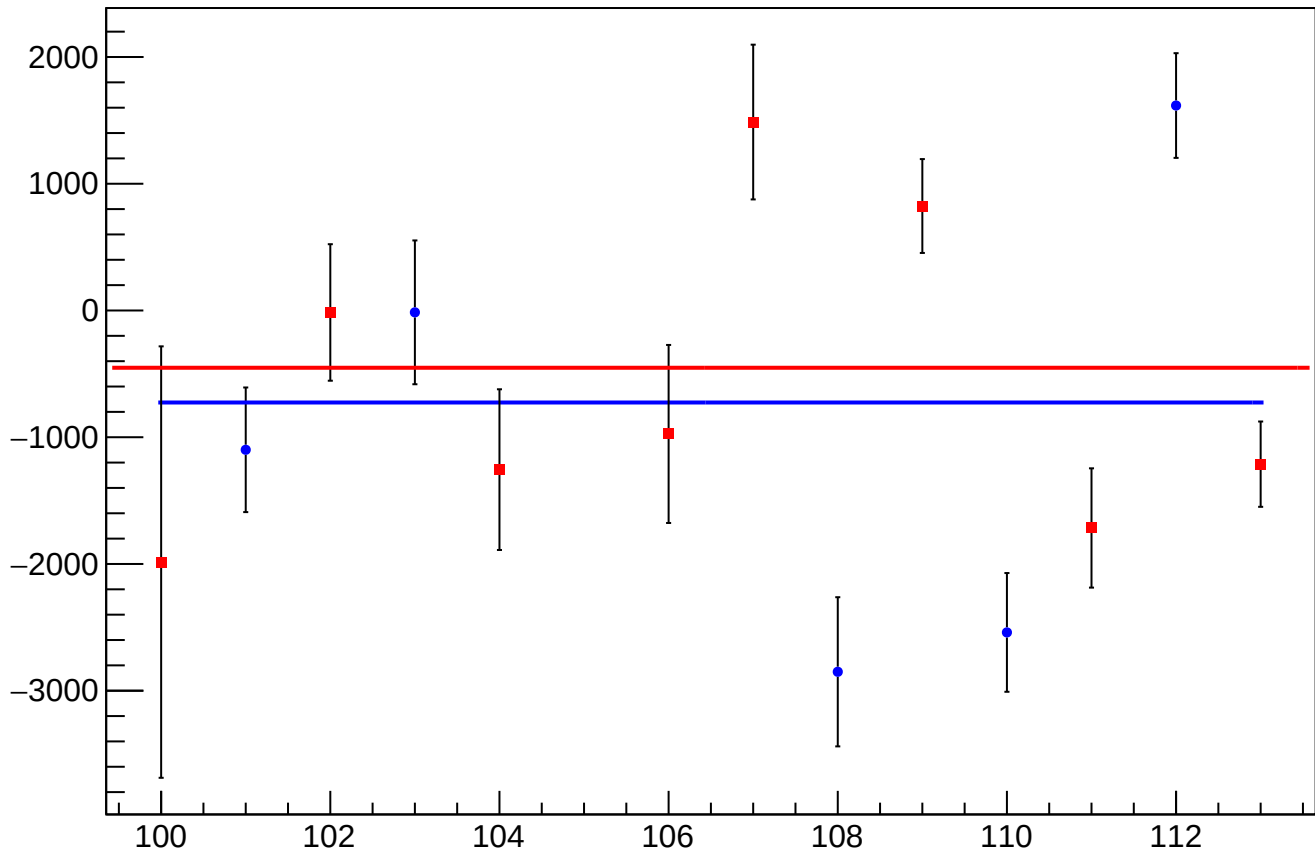
Right: 193.740+/-0.061 χ^2/NDF : 1282477.7/12

In: 207.064+/-0.098 χ^2/NDF : 507714.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 193.740+/-0.061 χ^2/NDF : 1282477.7/12

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: -451.864+/-177.816 χ^2/NDF : 37.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

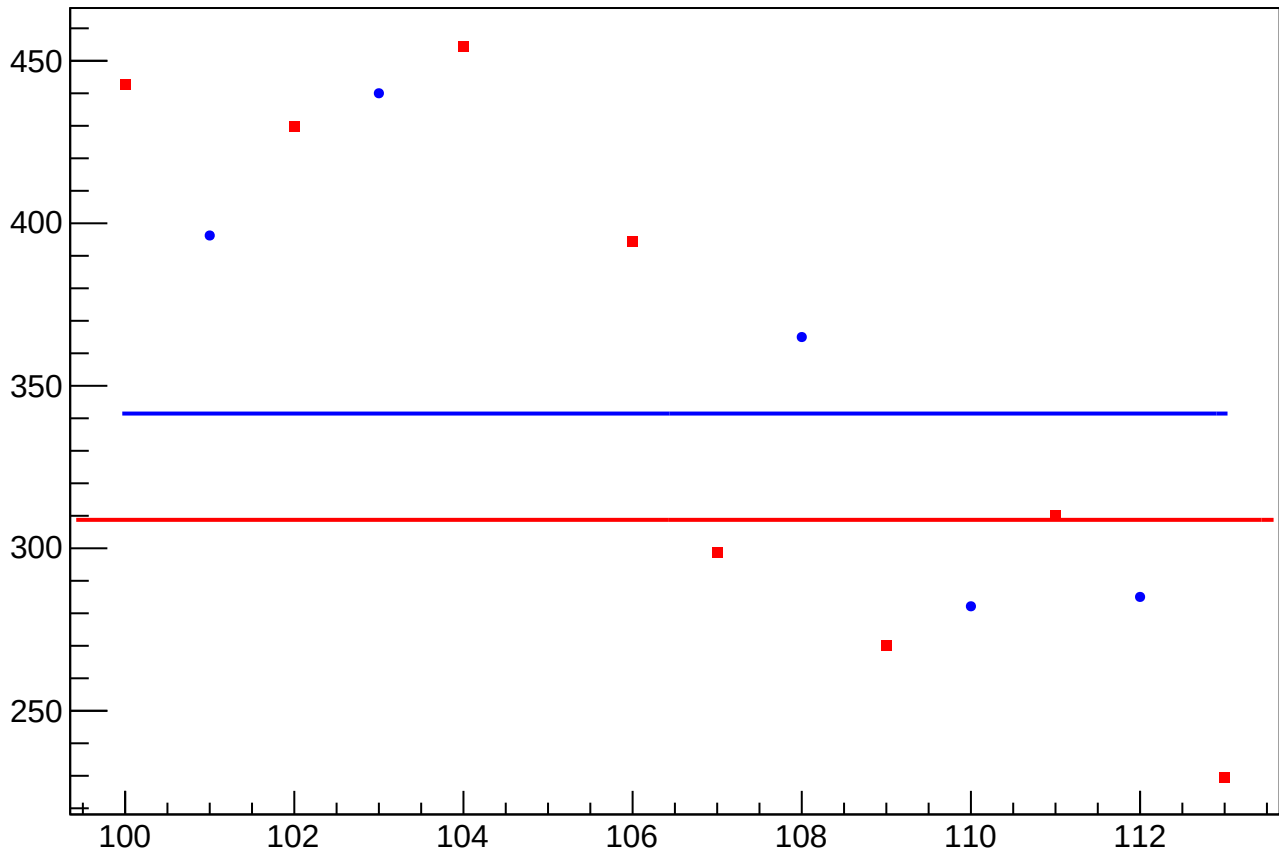
Right: -559.824+/-138.441 χ^2/NDF : 101.2/12

In: -725.989+/-220.601 χ^2/NDF : 62.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -559.824+/-138.441 χ^2/NDF : 101.2/12

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: 308.755+/-0.126 χ^2/NDF : 381737.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

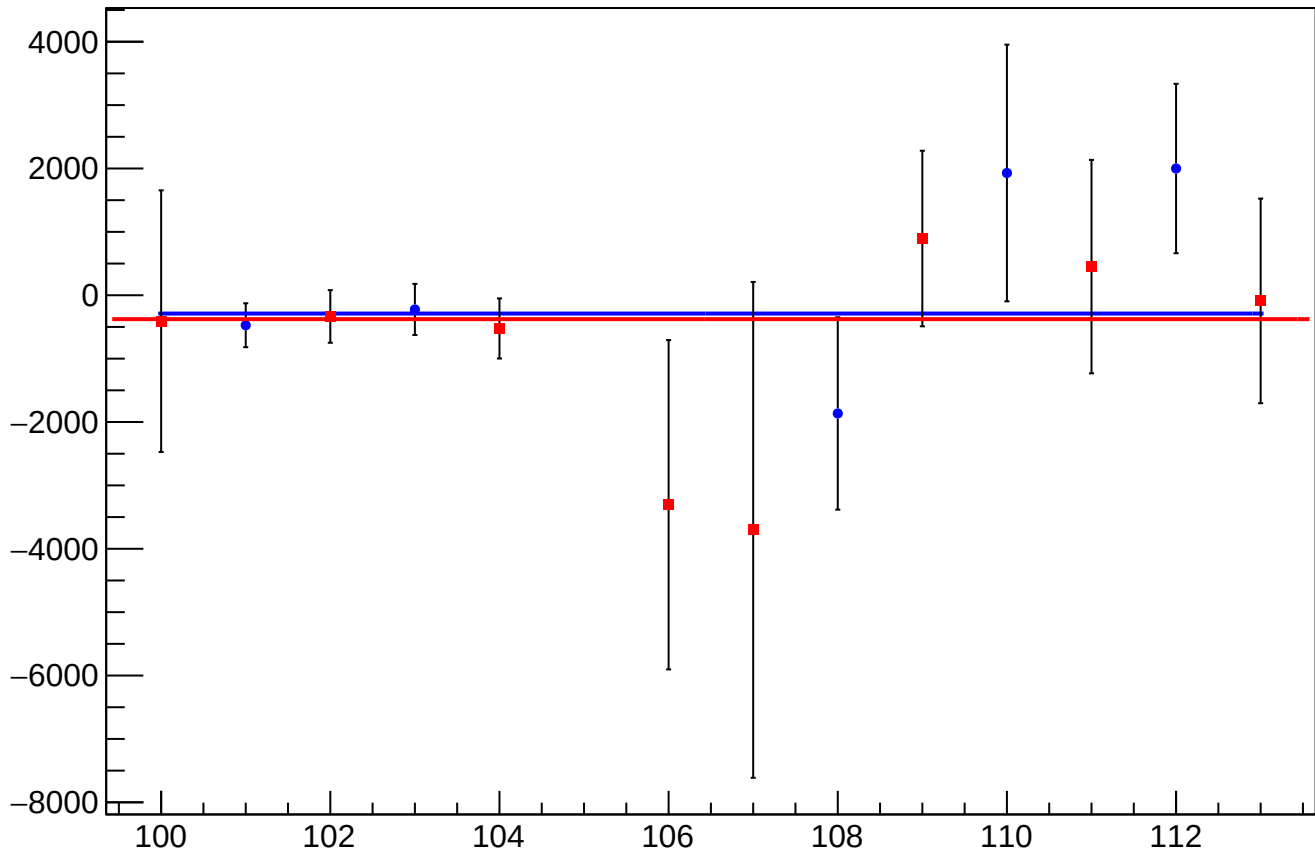
Right: 321.636+/-0.098 χ^2/NDF : 566142.5/12

In: 341.462+/-0.156 χ^2/NDF : 157755.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 321.636+/-0.098 χ^2/NDF : 566142.5/12

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: -376.890+/-289.201 χ^2/NDF : 3.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

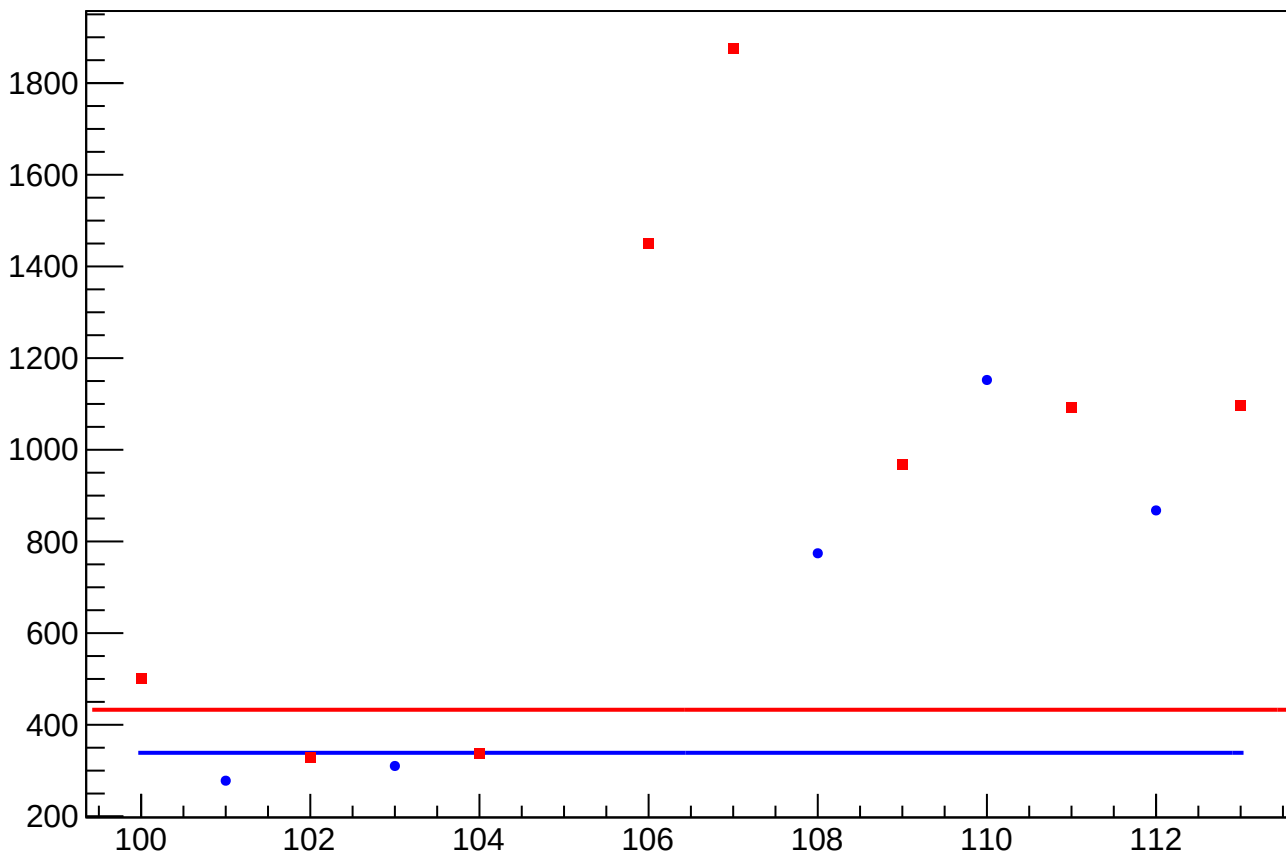
Right: -326.788+/-190.087 χ^2/NDF : 8.8/12

In: -288.679+/-252.224 χ^2/NDF : 5.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -326.788+/-190.087 χ^2/NDF : 8.8/12

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: 432.807+/-0.204 χ^2/NDF : 1727385.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

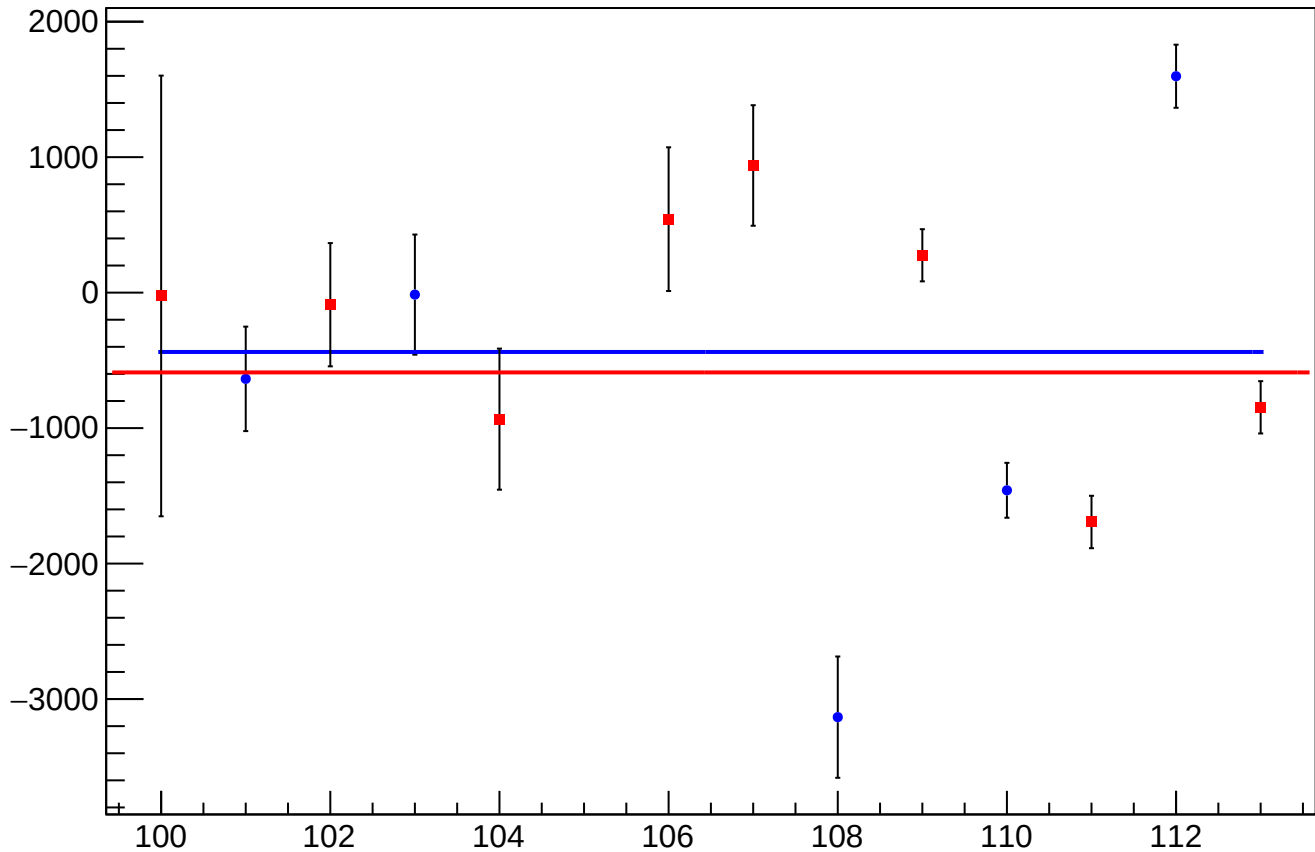
Right: 379.462+/-0.134 χ^2/NDF : 2719811.3/12

In: 338.886+/-0.178 χ^2/NDF : 872618.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 379.462+/-0.134 χ^2/NDF : 2719811.3/12

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: -589.007+/-100.994 χ^2/NDF : 72.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

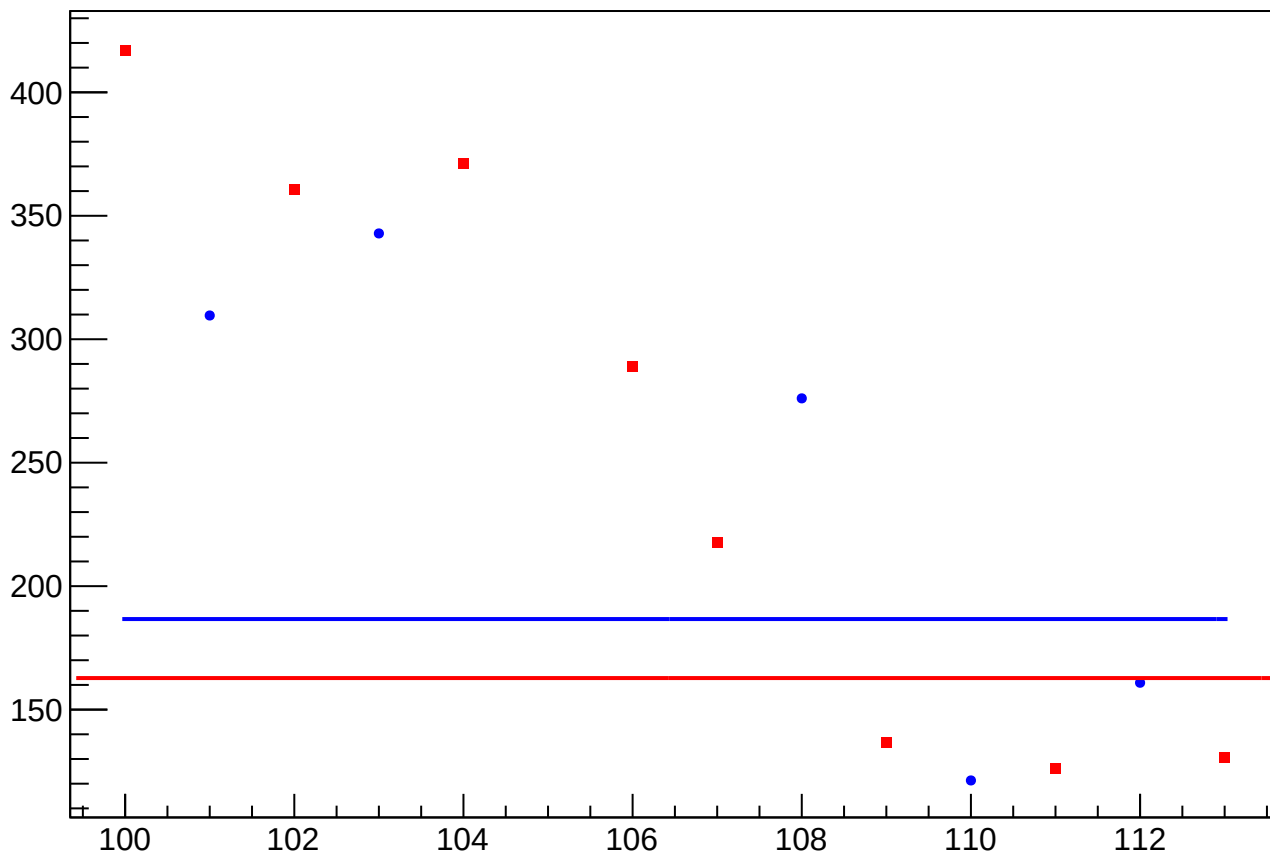
Right: -531.897+/-79.648 χ^2/NDF : 212.6/12

In: -437.944+/-129.537 χ^2/NDF : 139.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -531.897+/-79.648 χ^2/NDF : 212.6/12

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: 162.777+/-0.071 χ^2/NDF : 1056424.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

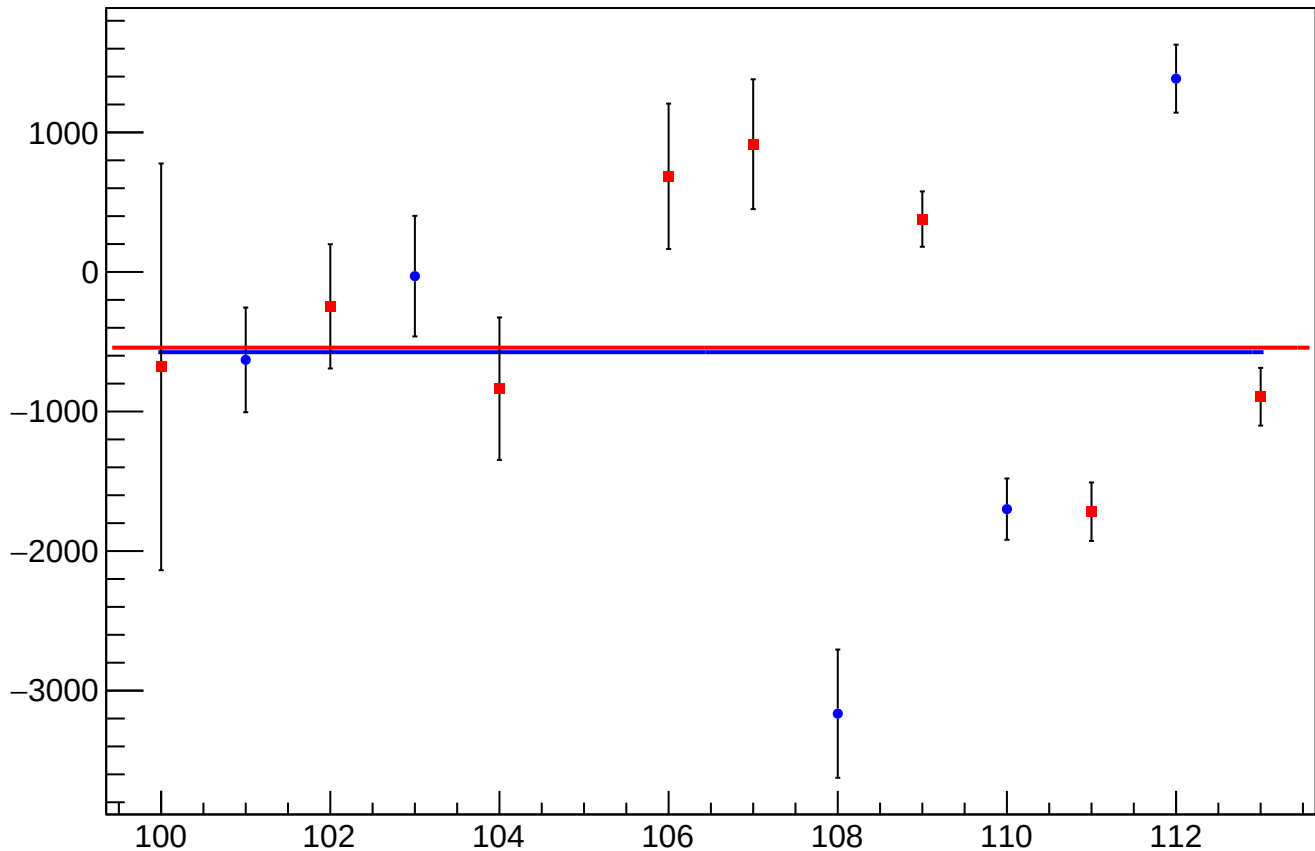
Right: 171.812+/-0.056 χ^2/NDF : 1862730.2/12

In: 186.675+/-0.092 χ^2/NDF : 763969.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.812+/-0.056 χ^2/NDF : 1862730.2/12

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: -542.421+/-105.861 χ^2/NDF : 72.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

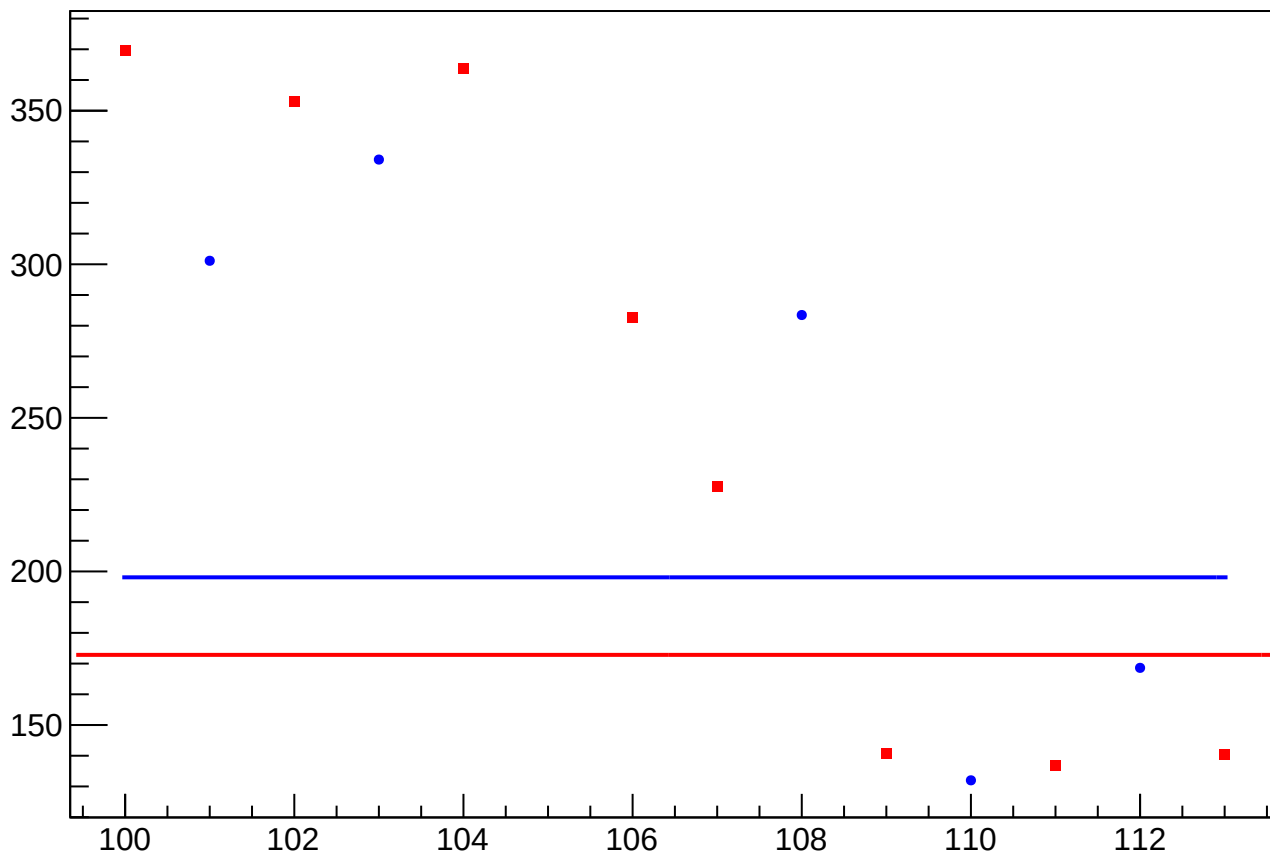
Right: -554.779+/-83.335 χ^2/NDF : 196.5/12

In: -574.916+/-135.134 χ^2/NDF : 124.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -554.779+/-83.335 χ^2/NDF : 196.5/12

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: 172.836+/-0.075 χ^2/NDF : 920765.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

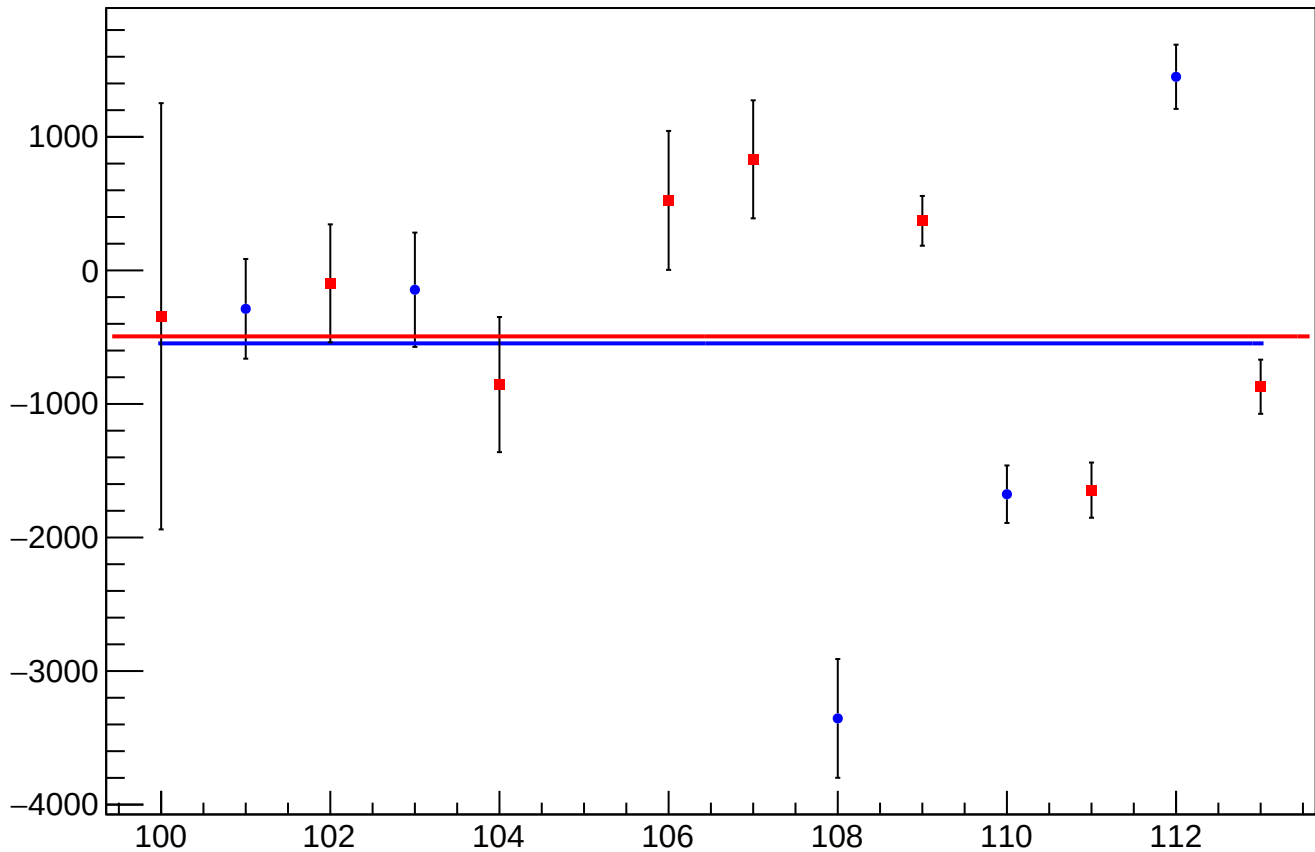
Right: 182.437+/-0.059 χ^2/NDF : 1592421.6/12

In: 198.082+/-0.096 χ^2/NDF : 628399.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.437+/-0.059 χ^2/NDF : 1592421.6/12

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: -493.952+/-102.767 χ^2 /NDF: 70.2/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

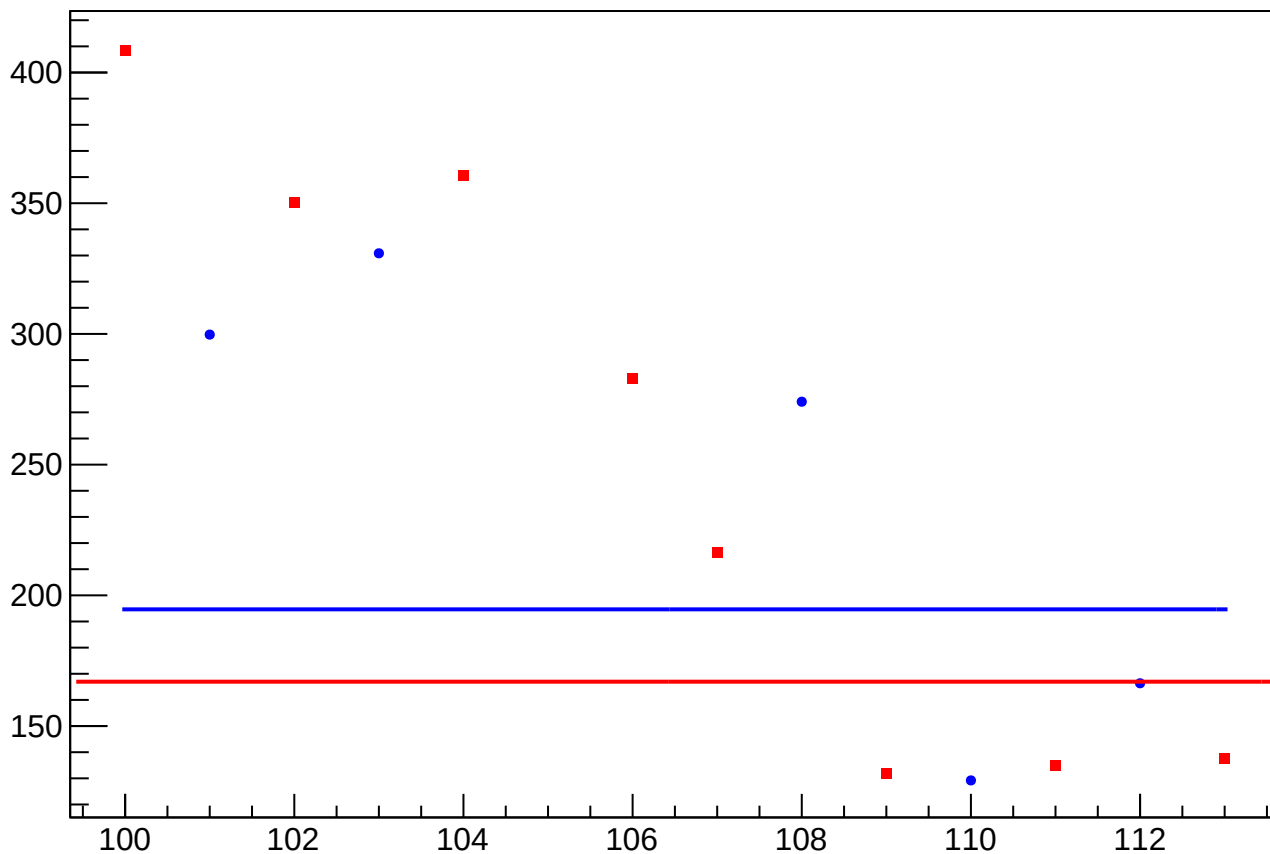
Right: -513.536+/-81.315 χ^2 /NDF: 207.9/12

In: -546.328+/-132.981 χ^2 /NDF:137.7/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -513.536+/-81.315 χ^2 /NDF: 207.9/12

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: 166.970+/-0.073 χ^2/NDF : 967321.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

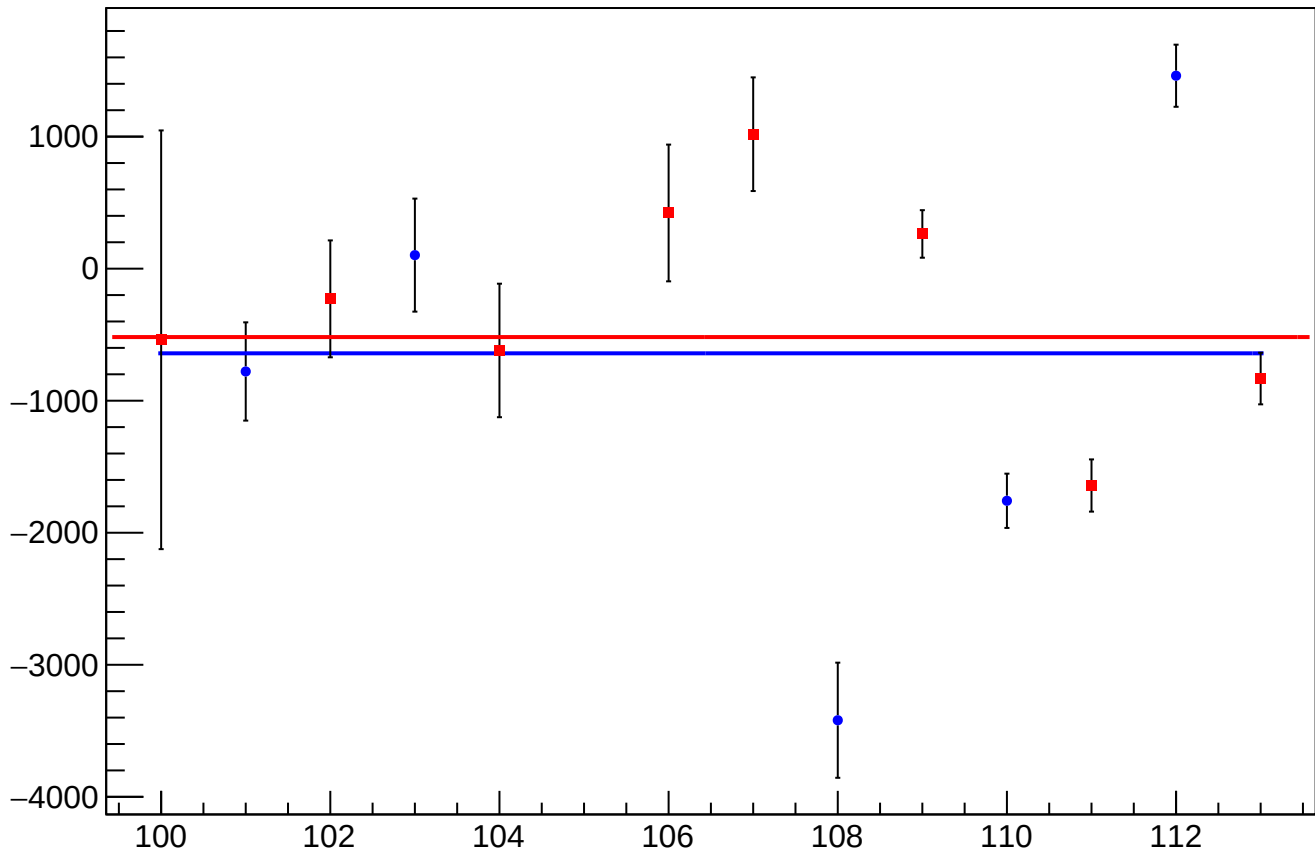
Right: 177.318+/-0.057 χ^2/NDF : 1658844.7/12

In: 194.646+/-0.094 χ^2/NDF : 637286.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.318+/-0.057 χ^2/NDF : 1658844.7/12

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: -518.041+/-99.442 χ^2/NDF : 70.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

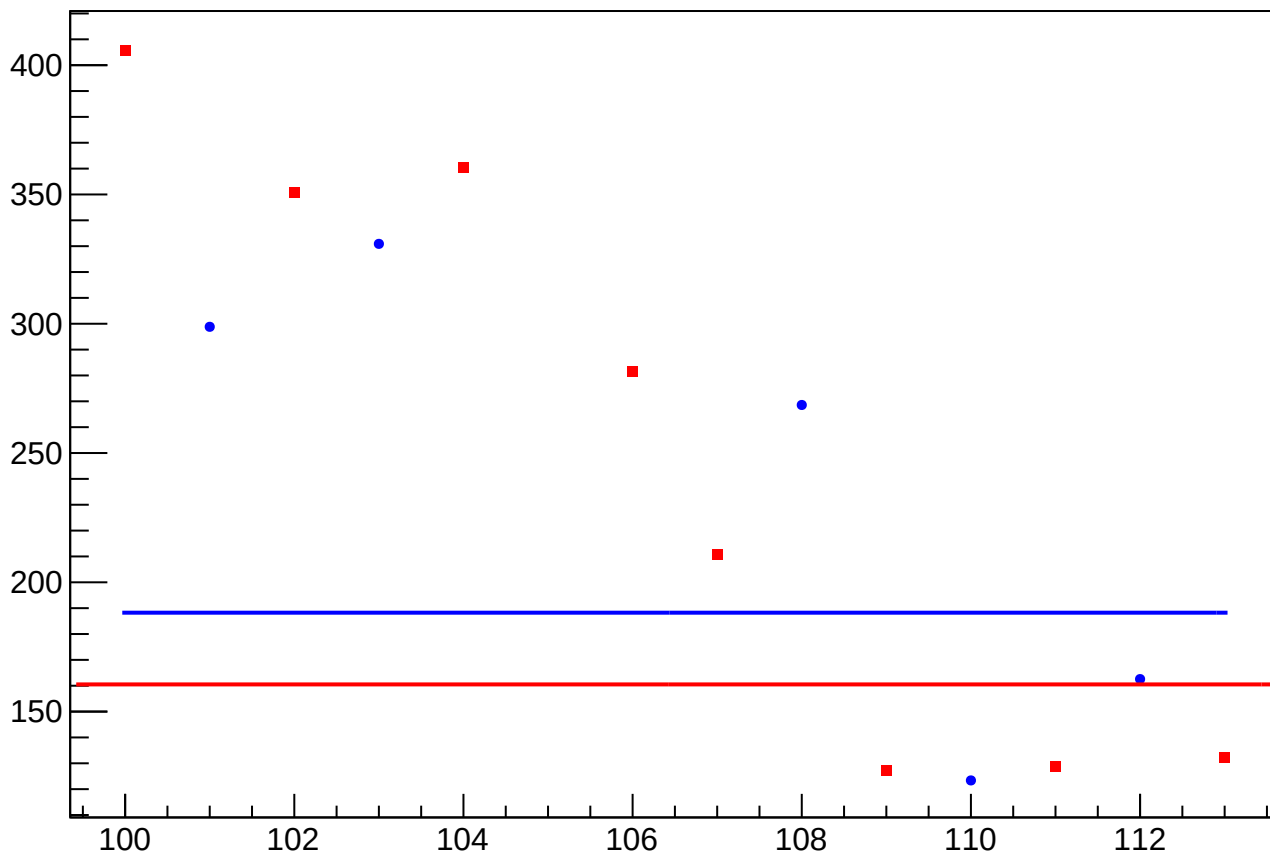
Right: -563.728+/-78.856 χ^2/NDF : 224.0/12

In: -641.131+/-129.435 χ^2/NDF : 153.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -563.728+/-78.856 χ^2/NDF : 224.0/12

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: 160.510+/-0.070 χ^2/NDF : 1027880.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

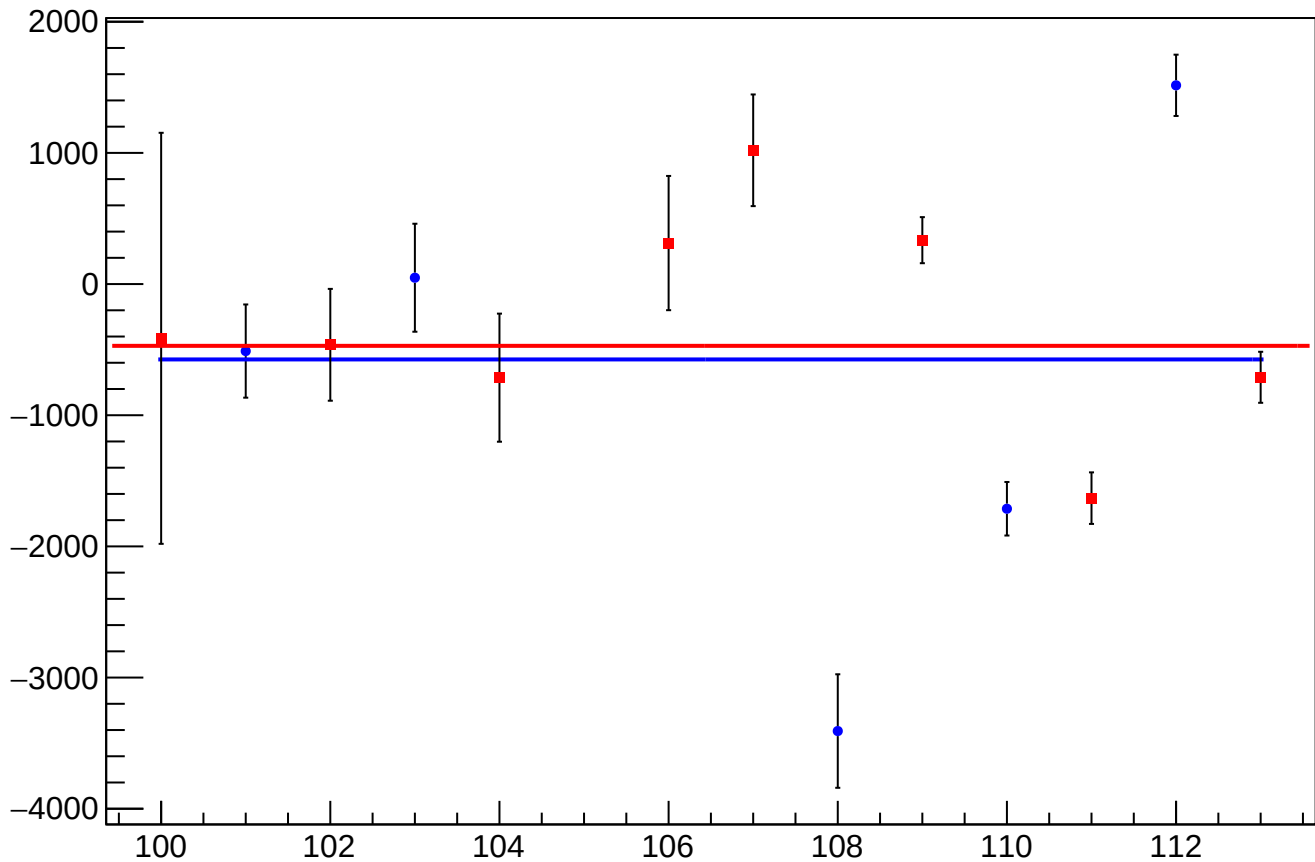
Right: 170.806+/-0.056 χ^2/NDF : 1775396.9/12

In: 188.249+/-0.092 χ^2/NDF : 689753.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.806+/-0.056 χ^2/NDF : 1775396.9/12

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: -470.995+/-97.963 χ^2 /NDF: 72.3/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

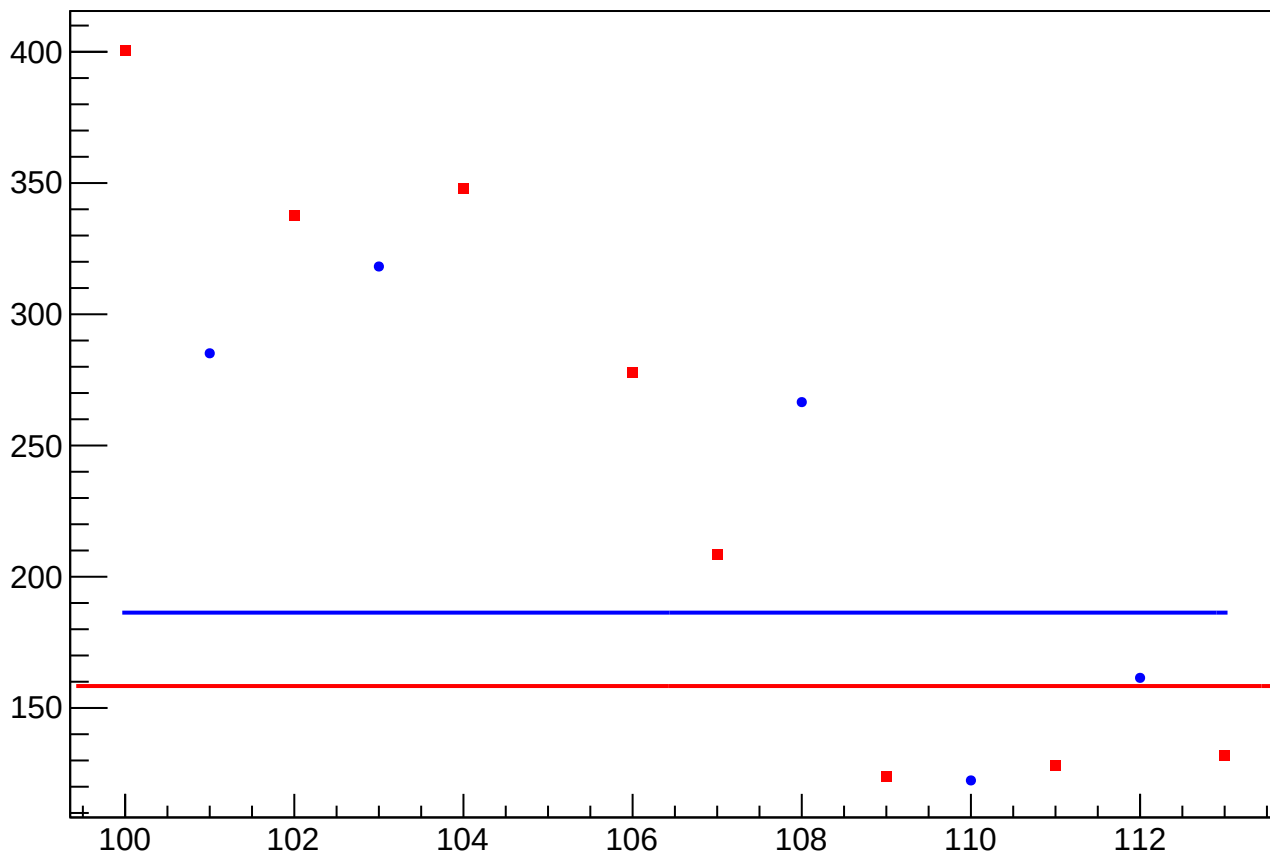
Right: -509.454+/-77.690 χ^2 /NDF: 229.0/12

In: -574.640+/-127.539 χ^2 /NDF:156.3/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -509.454+/-77.690 χ^2 /NDF: 229.0/12

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: 158.359+/-0.069 χ^2/NDF : 1001730.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

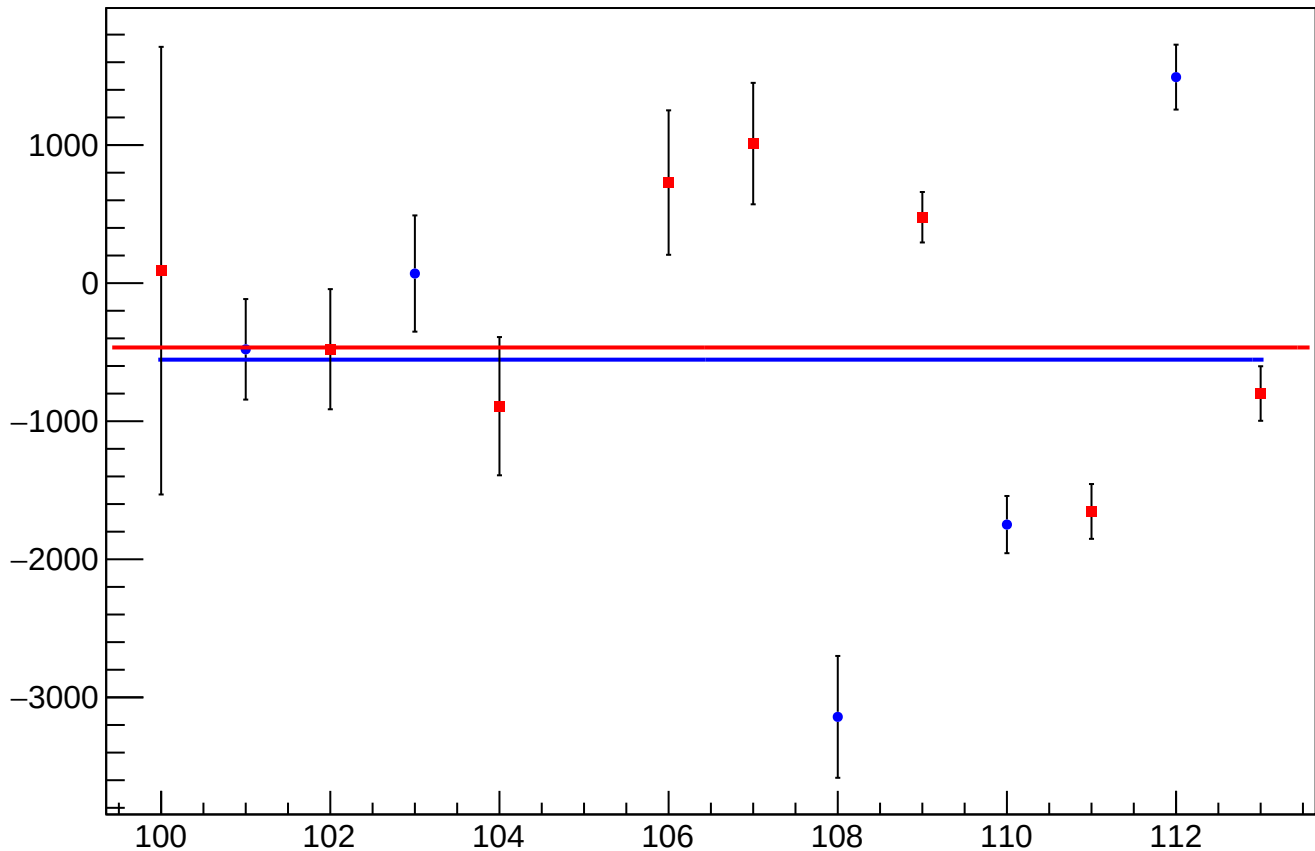
Right: 168.737+/-0.055 χ^2/NDF : 1709655.8/12

In: 186.327+/-0.090 χ^2/NDF : 647437.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.737+/-0.055 χ^2/NDF : 1709655.8/12

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: -465.915+/-100.296 χ^2/NDF : 82.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

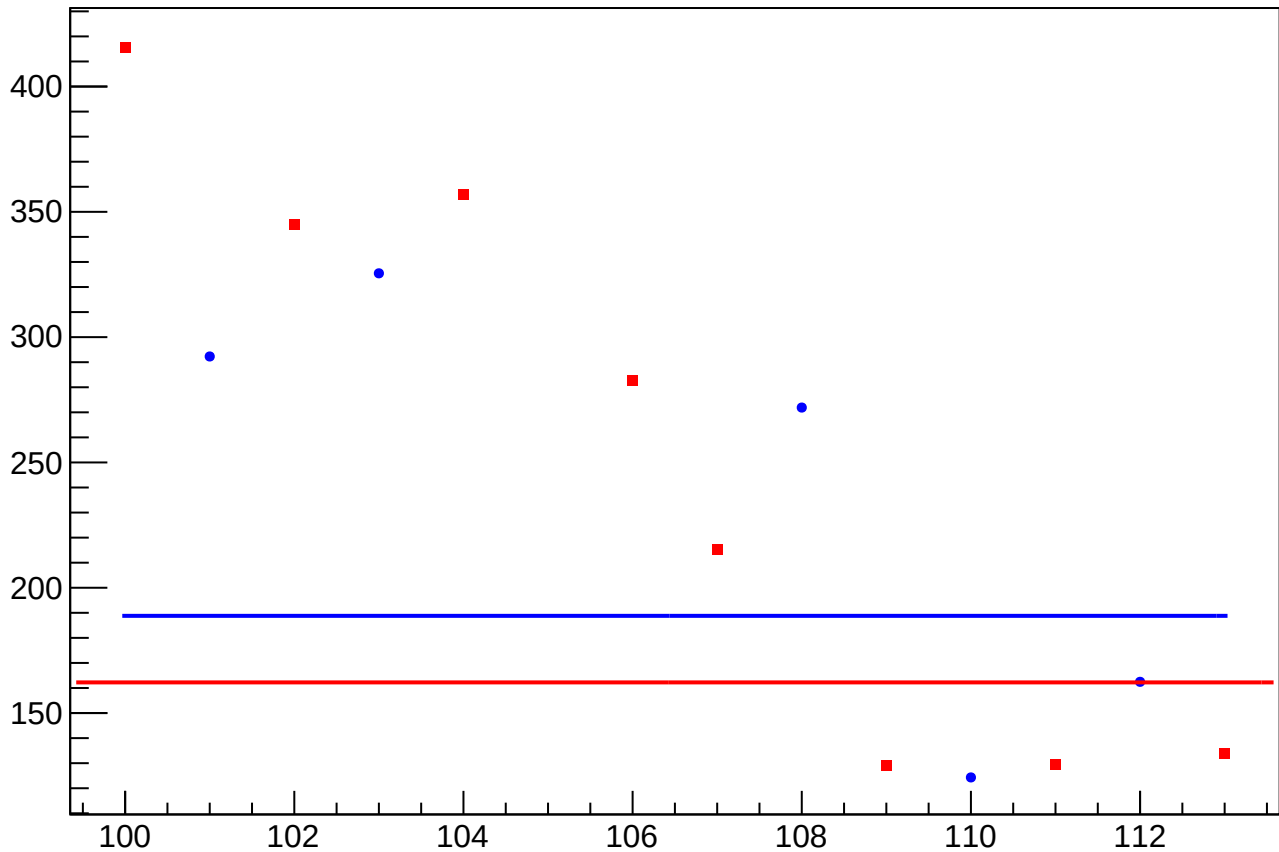
Right: -499.032+/-79.272 χ^2/NDF : 228.5/12

In: -554.152+/-129.396 χ^2/NDF :145.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -499.032+/-79.272 χ^2/NDF : 228.5/12

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: 162.233+/-0.071 χ^2/NDF : 999014.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

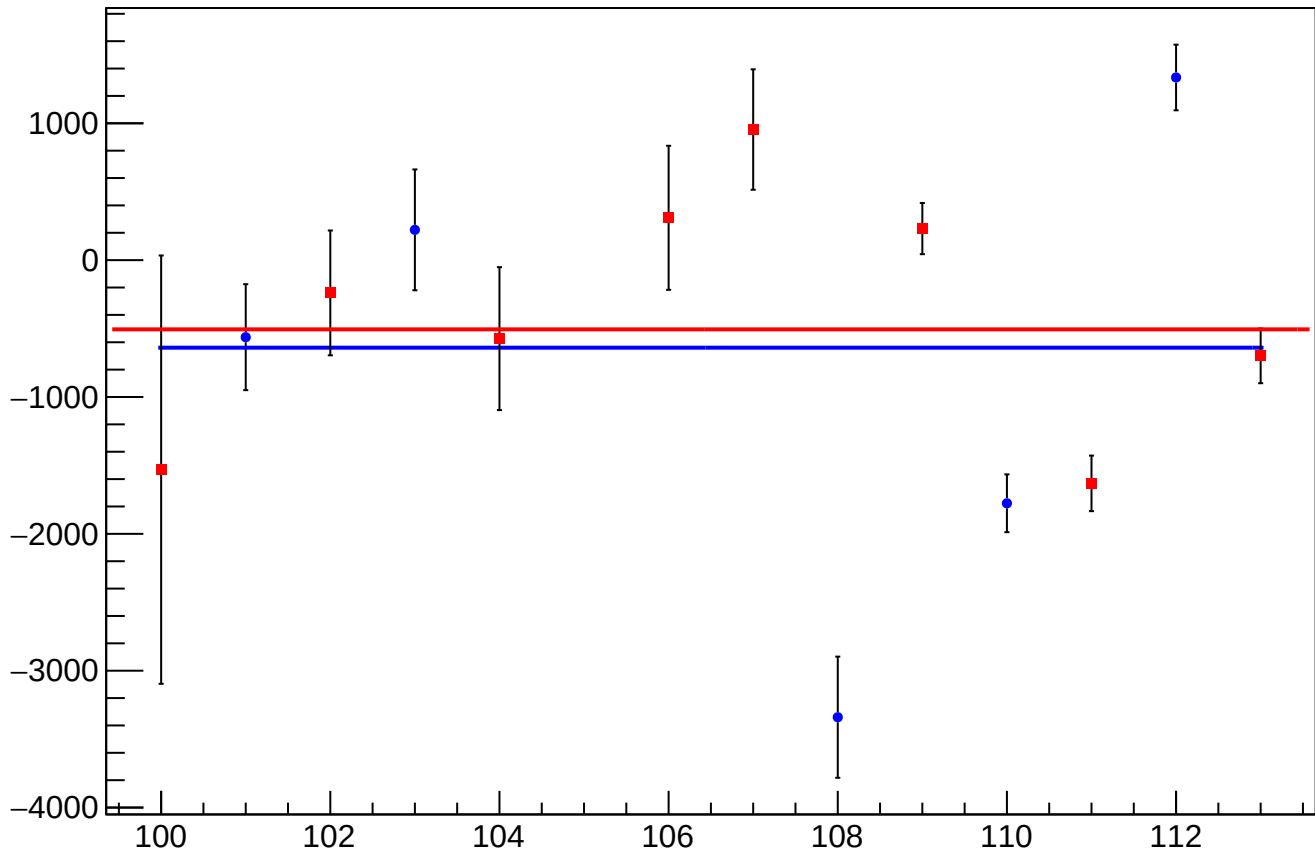
Right: 172.201+/-0.056 χ^2/NDF : 1713906.7/12

In: 188.791+/-0.091 χ^2/NDF : 662259.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.201+/-0.056 χ^2/NDF : 1713906.7/12

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: -505.689+/-102.278 χ^2 /NDF: 61.4/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

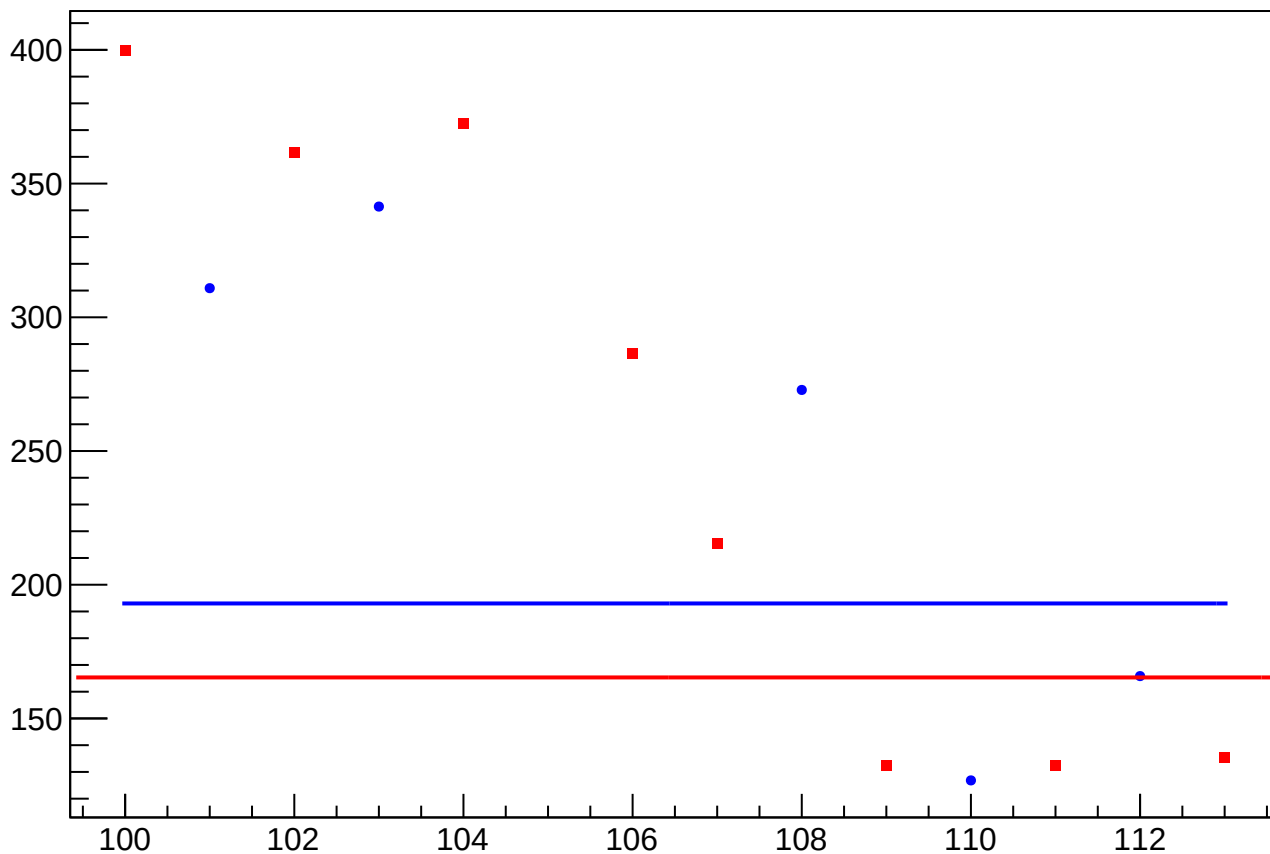
Right: -555.572+/-81.030 χ^2 /NDF: 199.8/12

In: -639.658+/-132.791 χ^2 /NDF:137.8/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -555.572+/-81.030 χ^2 /NDF: 199.8/12

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: 165.333+/-0.072 χ^2/NDF : 1021738.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

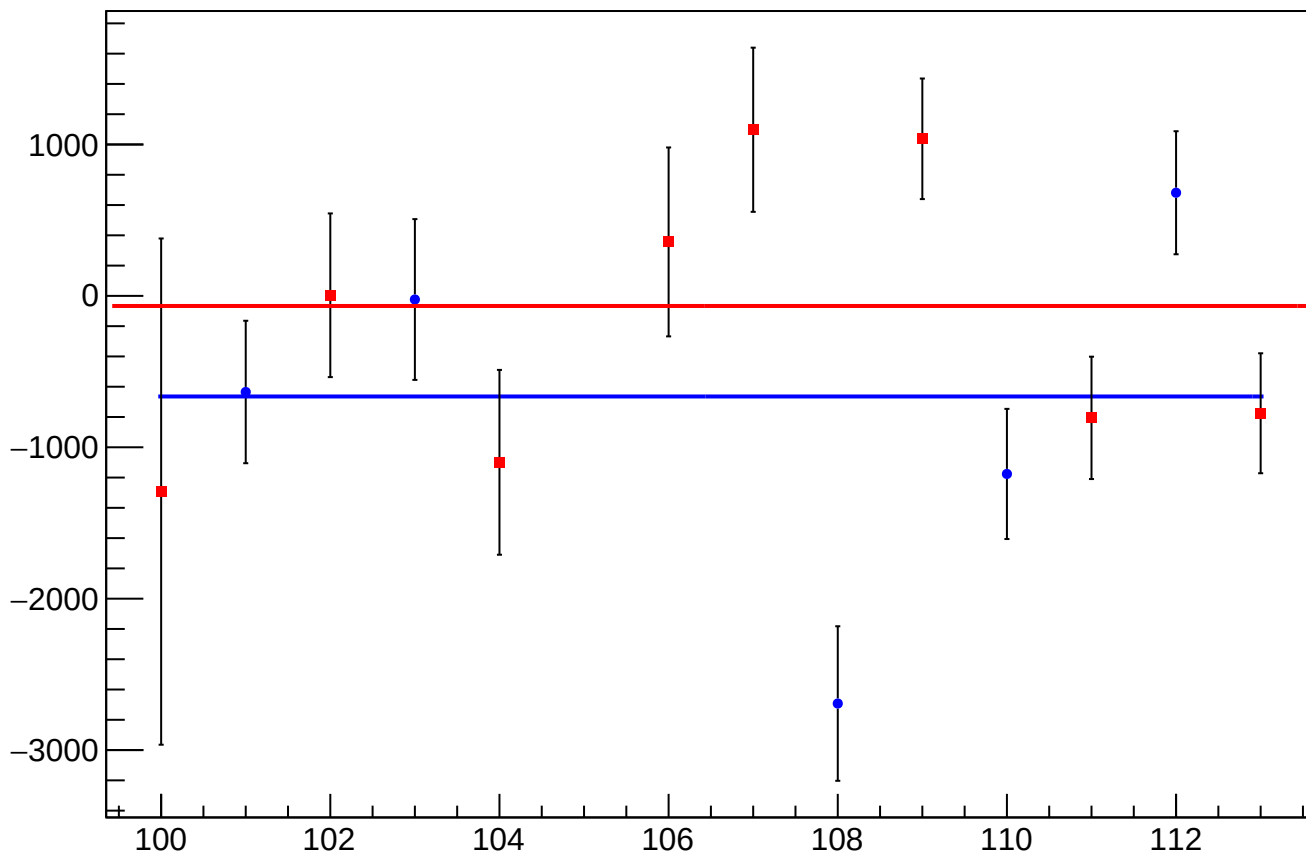
Right: 175.633+/-0.057 χ^2/NDF : 1774674.6/12

In: 192.997+/-0.094 χ^2/NDF : 698453.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.633+/-0.057 χ^2/NDF : 1774674.6/12

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: -66.672+/-178.932 χ^2/NDF : 22.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

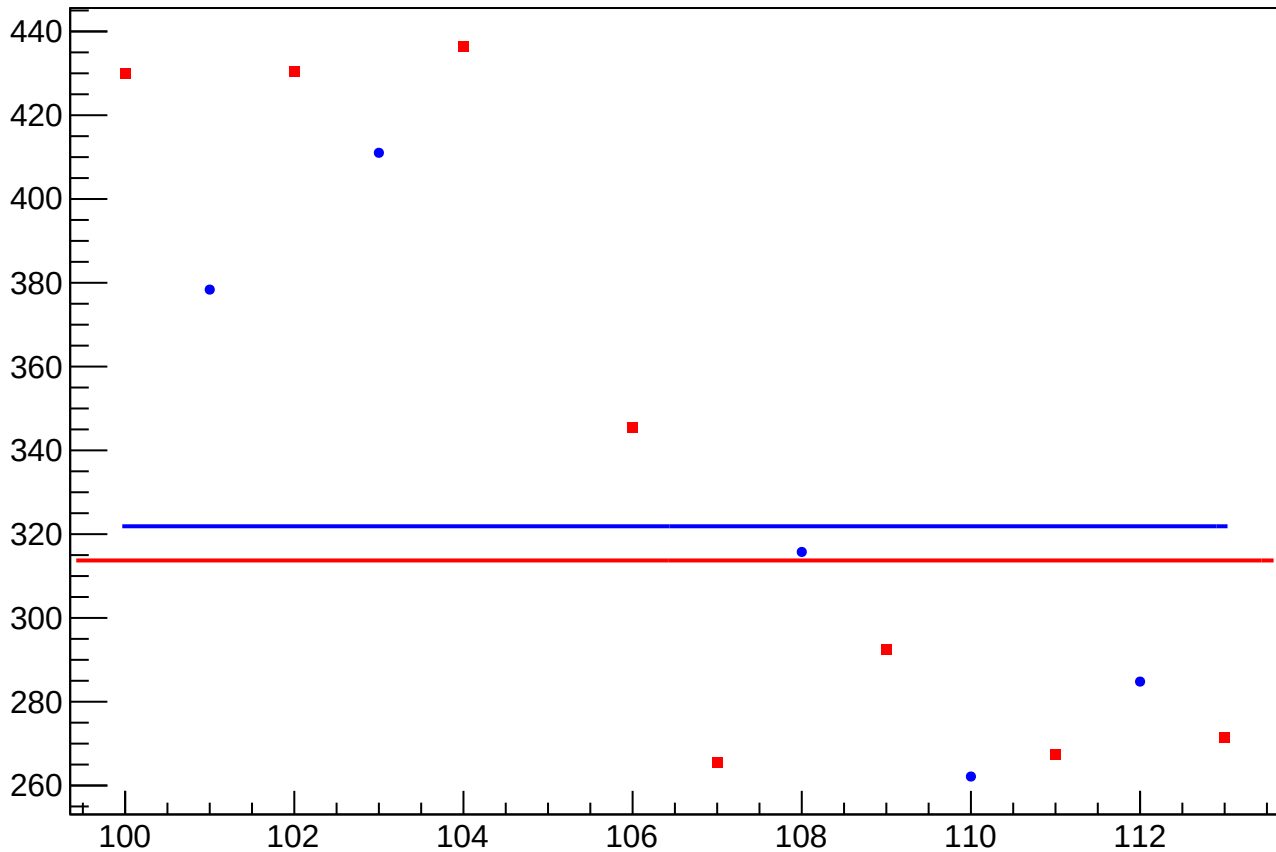
Right: -322.513+/-135.325 χ^2/NDF : 57.1/12

In: -664.400+/-206.845 χ^2/NDF : 29.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -322.513+/-135.325 χ^2/NDF : 57.1/12

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 321.880 $\pm$ 0.146 χ^2 /NDF: 140782.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 313.719 $\pm$ 0.127 χ^2 /NDF: 259684.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

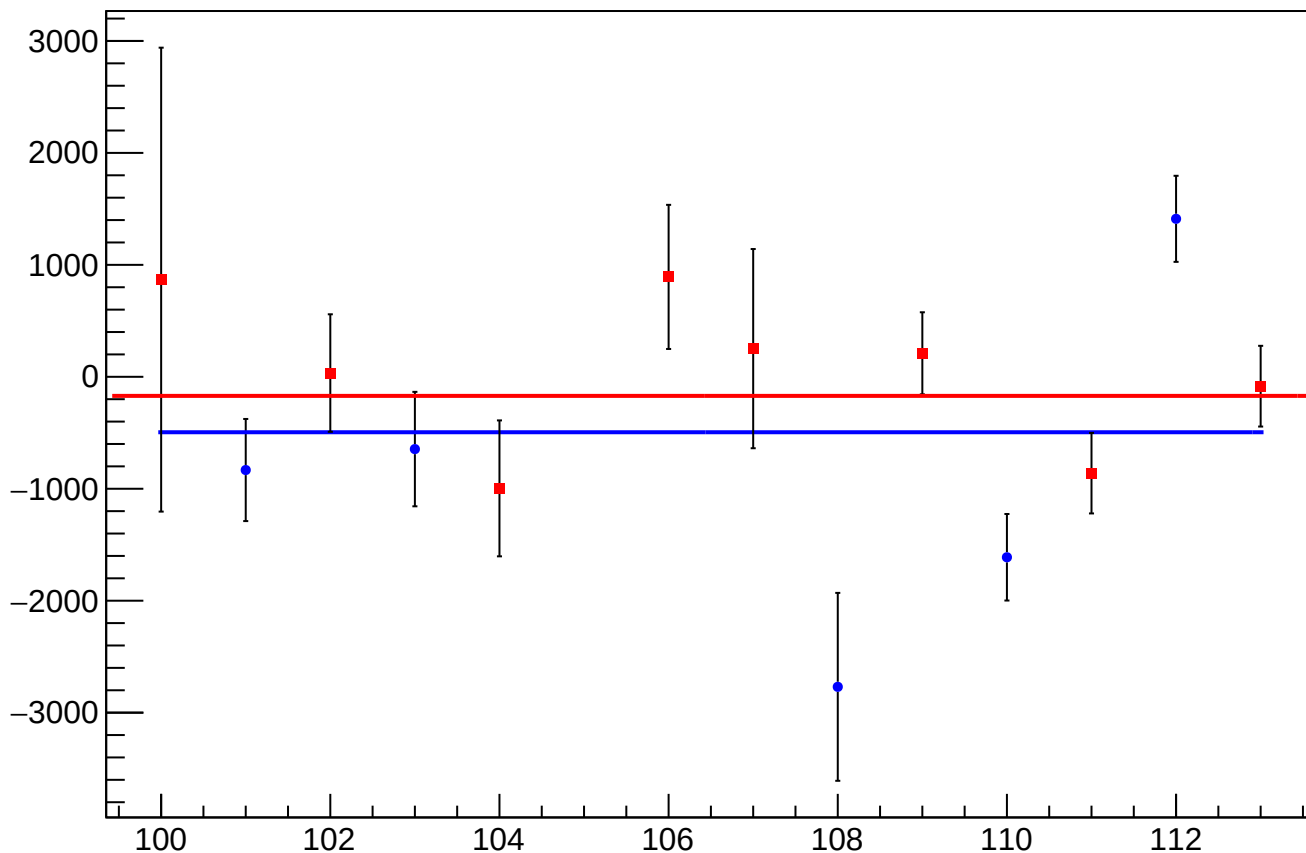
Right: 317.212 $\pm$ 0.096 χ^2 /NDF: 402247.6/12

In: 321.880 $\pm$ 0.146 χ^2 /NDF:140782.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 317.212 $\pm$ 0.096 χ^2 /NDF: 402247.6/12

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: -170.395+/-173.770 χ^2/NDF : 10.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

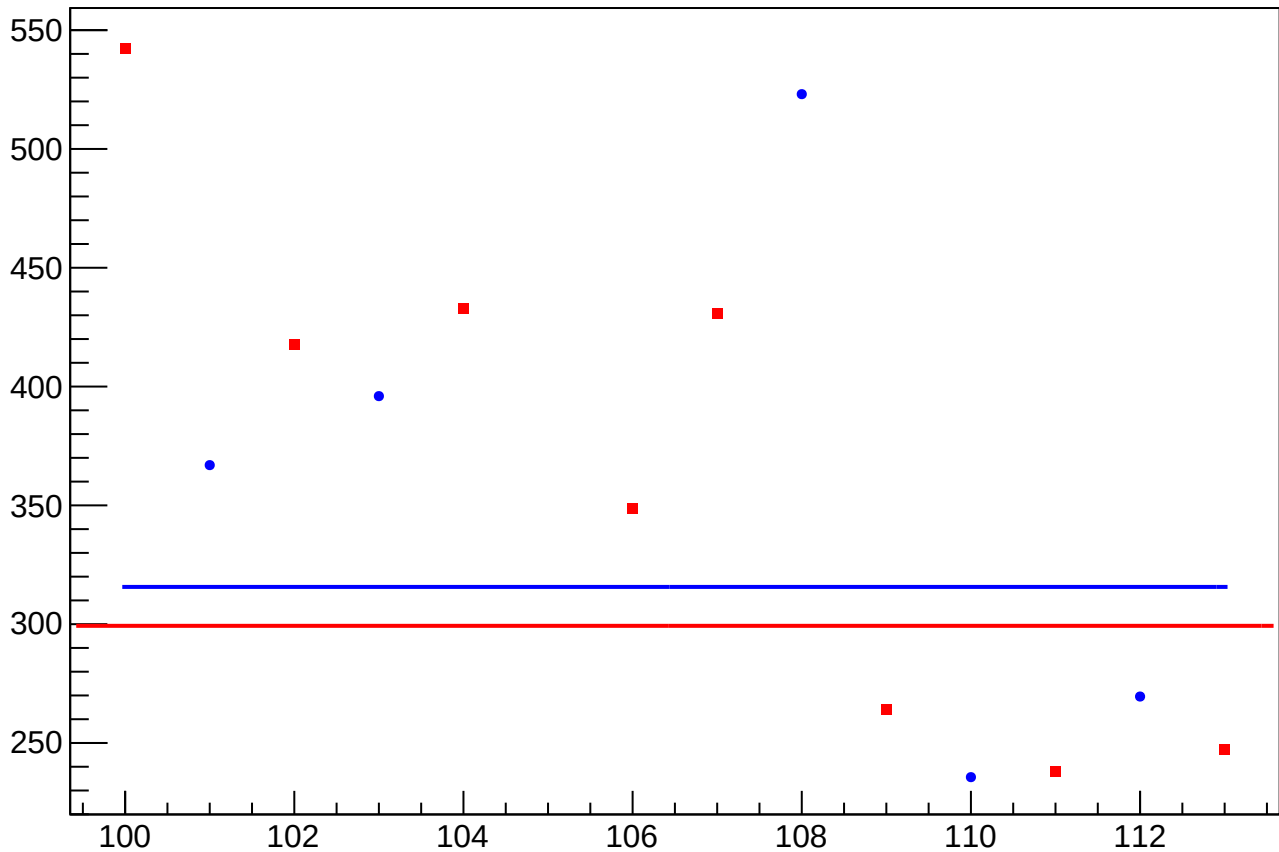
Right: -305.281+/-132.880 χ^2/NDF : 52.4/12

In: -495.230+/-206.209 χ^2/NDF : 40.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -305.281+/-132.880 χ^2/NDF : 52.4/12

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: 299.305+/-0.123 χ^2/NDF : 400037.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

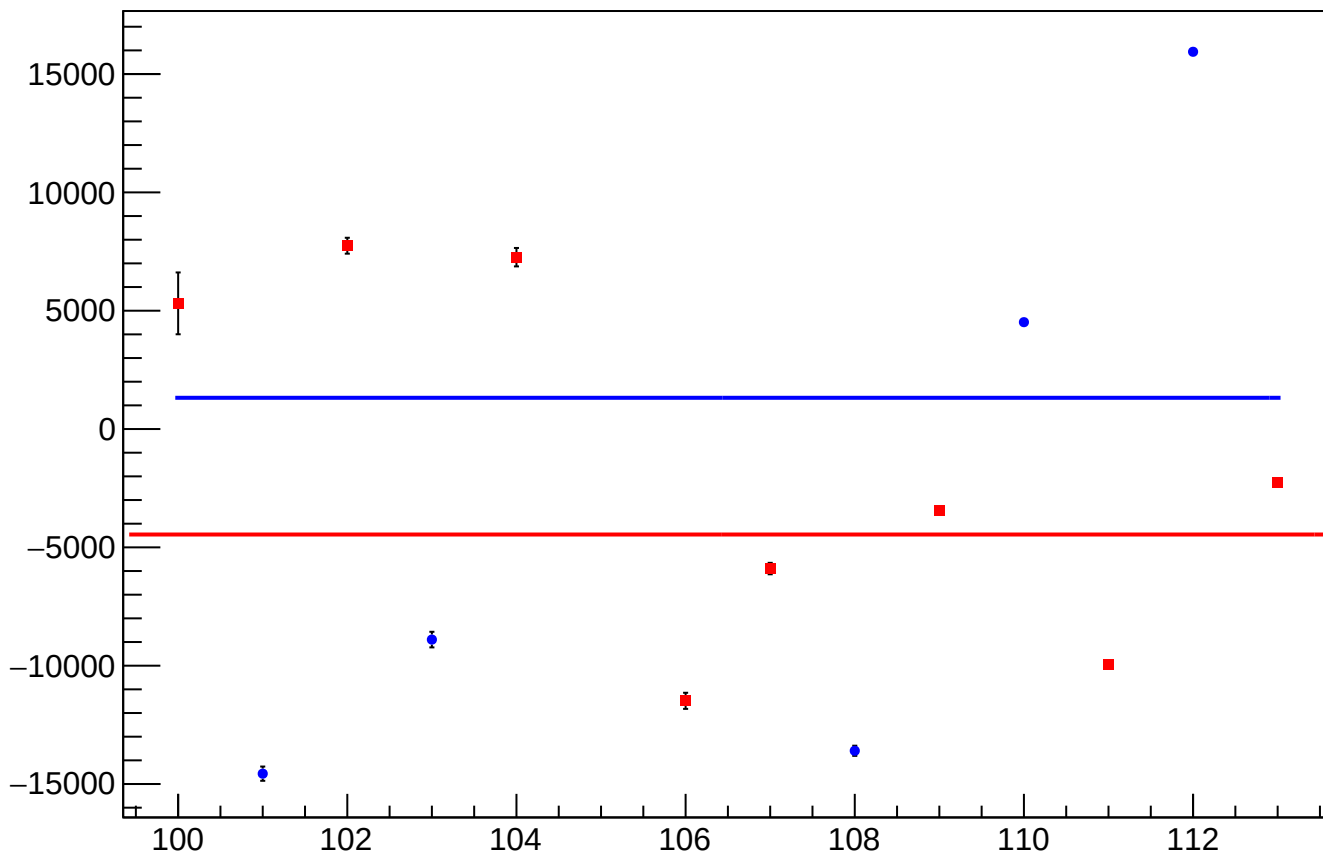
Right: 306.105+/-0.094 χ^2/NDF : 718778.0/12

In: 315.682+/-0.146 χ^2/NDF : 311364.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 306.105+/-0.094 χ^2/NDF : 718778.0/12

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: -4457.061+/-79.464 χ^2/NDF : 4212.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

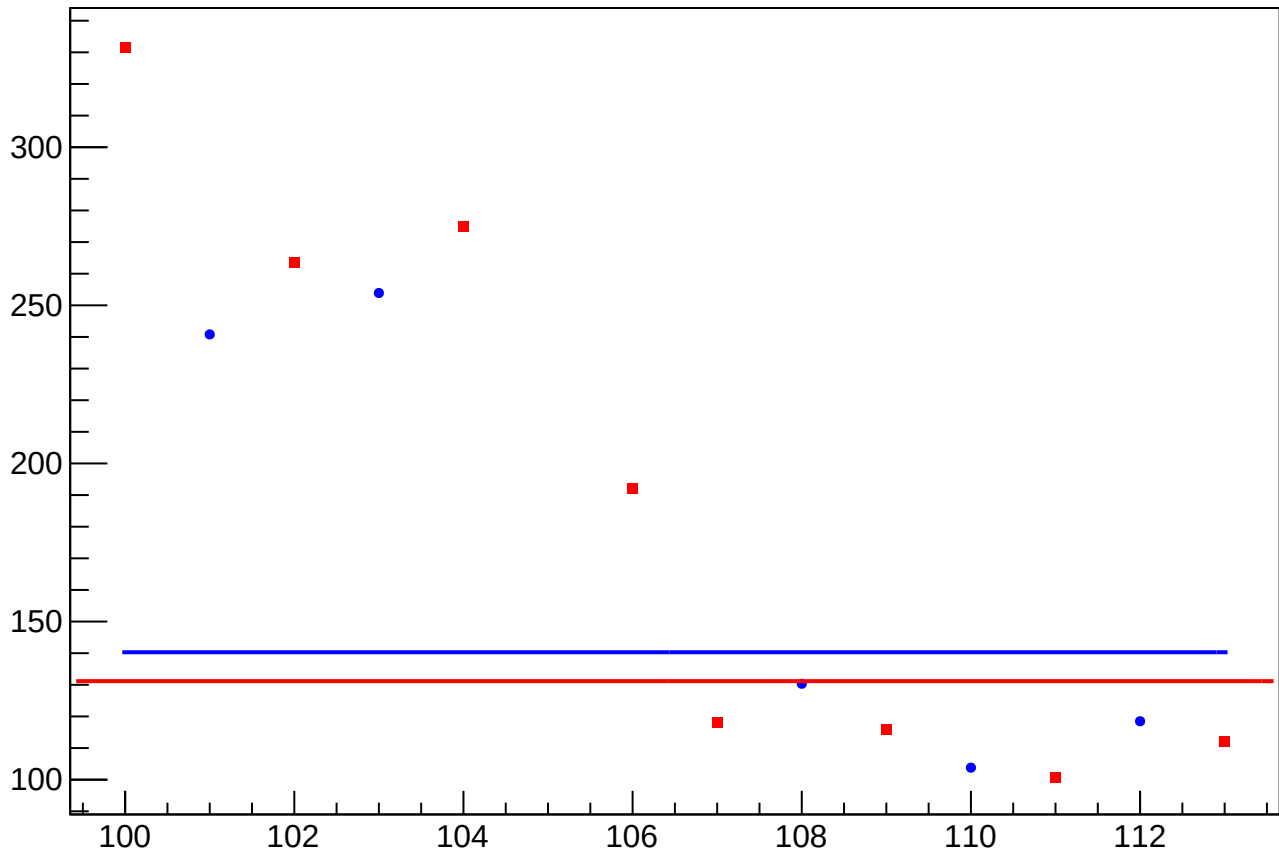
Right: -2109.522+/-61.227 χ^2/NDF : 22361.0/12

In: 1320.367+/-96.051 χ^2/NDF : 16001.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2109.522+/-61.227 χ^2/NDF : 22361.0/12

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: 131.153+/-0.056 χ^2/NDF : 820269.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

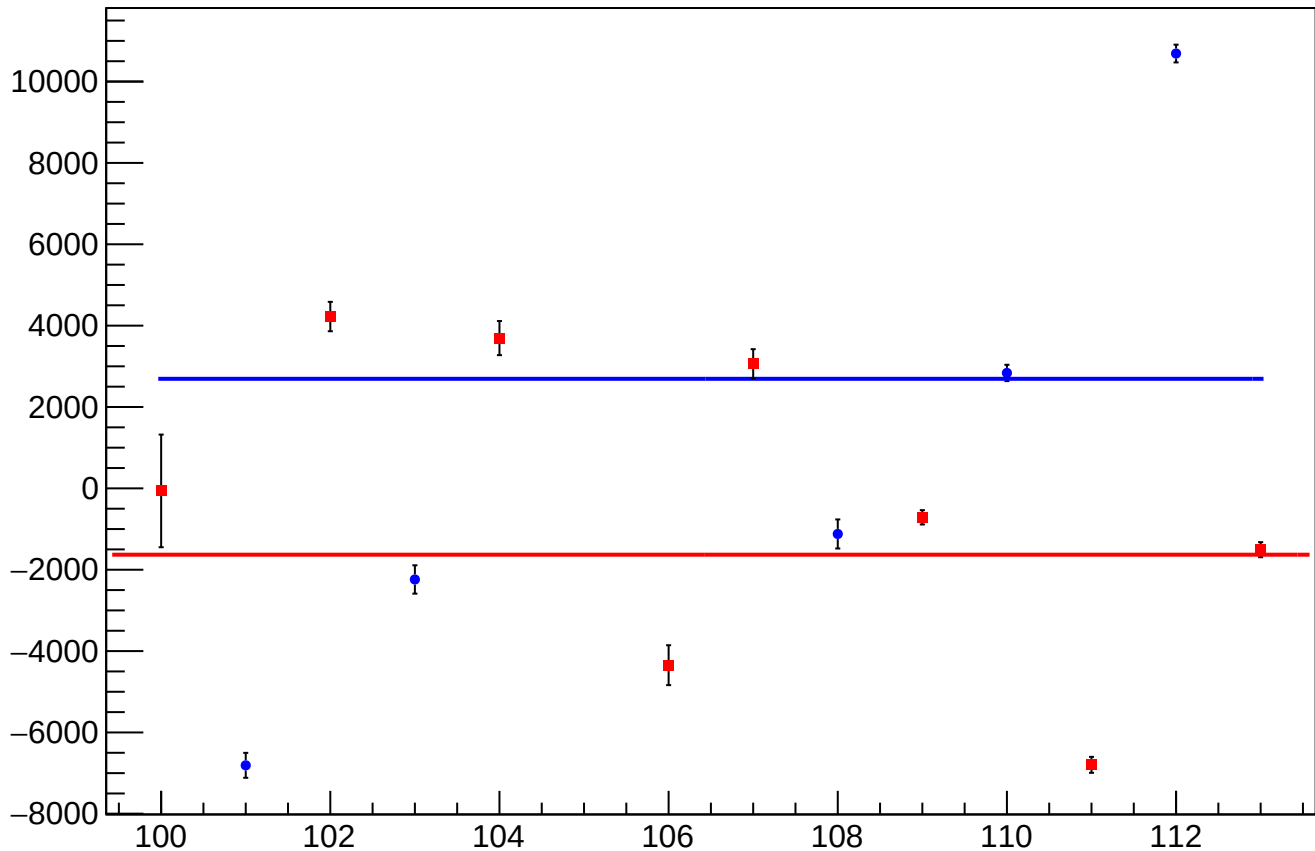
Right: 134.868+/-0.043 χ^2/NDF : 1416303.6/12

In: 140.295+/-0.068 χ^2/NDF : 585277.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.868+/-0.043 χ^2/NDF : 1416303.6/12

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: -1630.449+/-93.900 χ^2/NDF : 1349.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

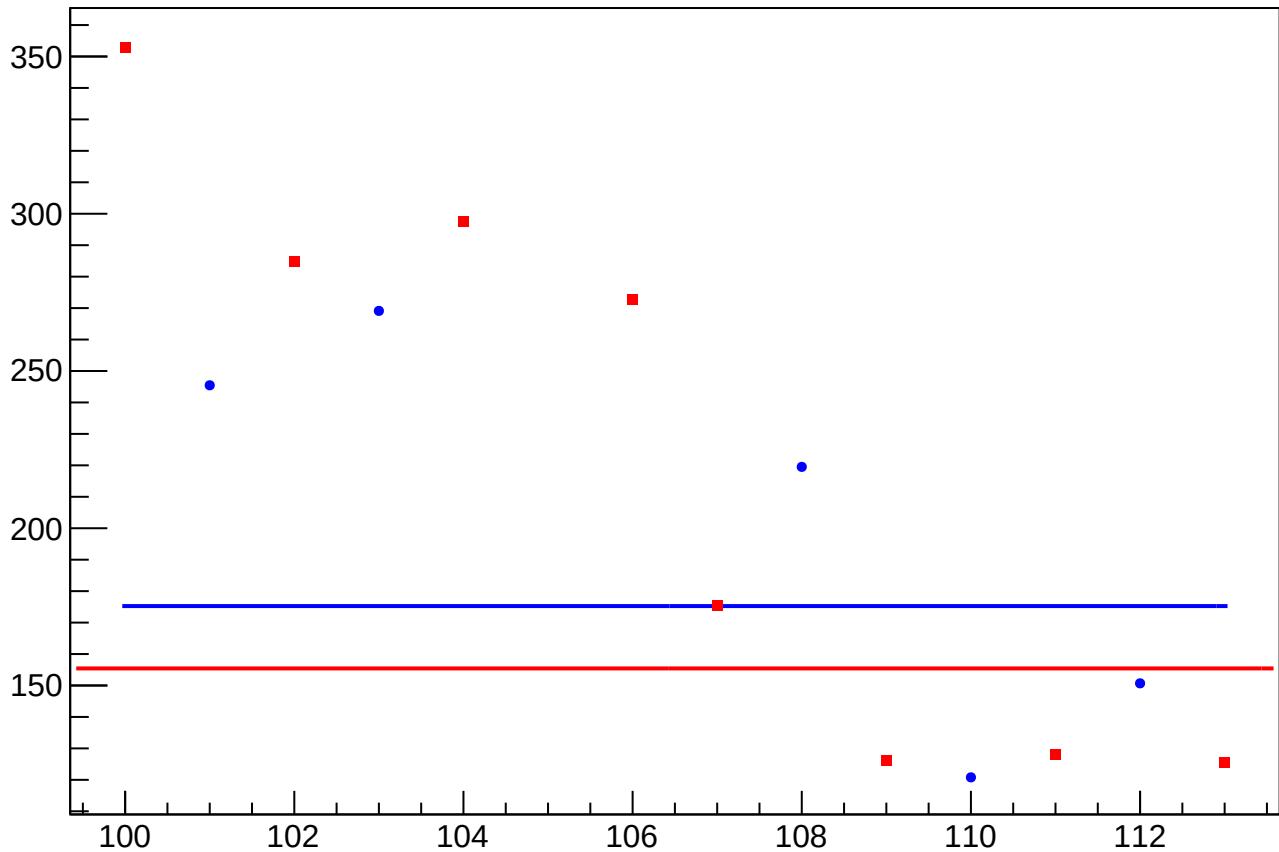
Right: 56.469+/-73.328 χ^2/NDF : 4796.0/12

In: 2693.147+/-117.394 χ^2/NDF : 2619.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.469+/-73.328 χ^2/NDF : 4796.0/12

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: 155.423+/-0.066 χ^2/NDF : 795751.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

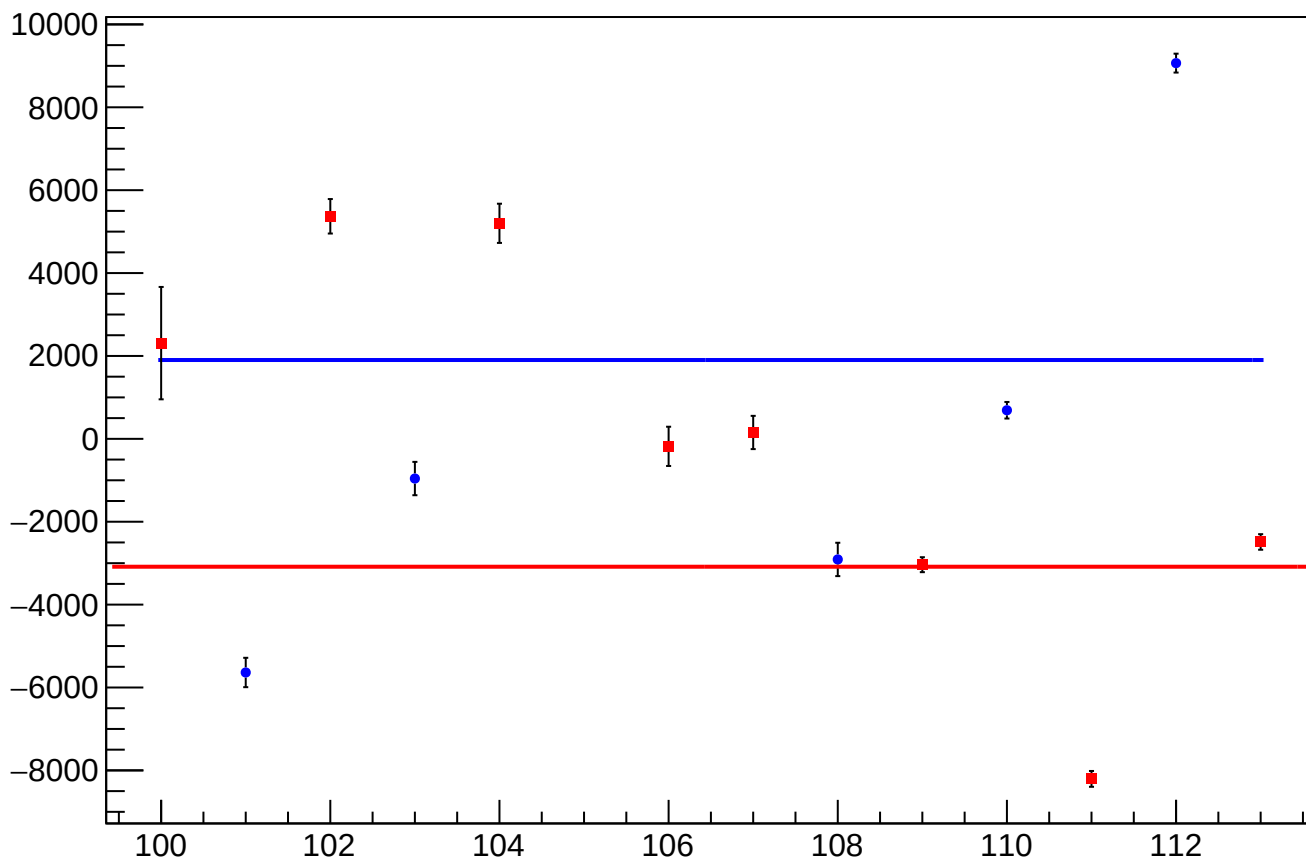
Right: 163.159+/-0.052 χ^2/NDF : 1283980.2/12

In: 175.249+/-0.083 χ^2/NDF : 453441.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.159+/-0.052 χ^2/NDF : 1283980.2/12

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: -3085.648+/-96.212 χ^2/NDF : 1567.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

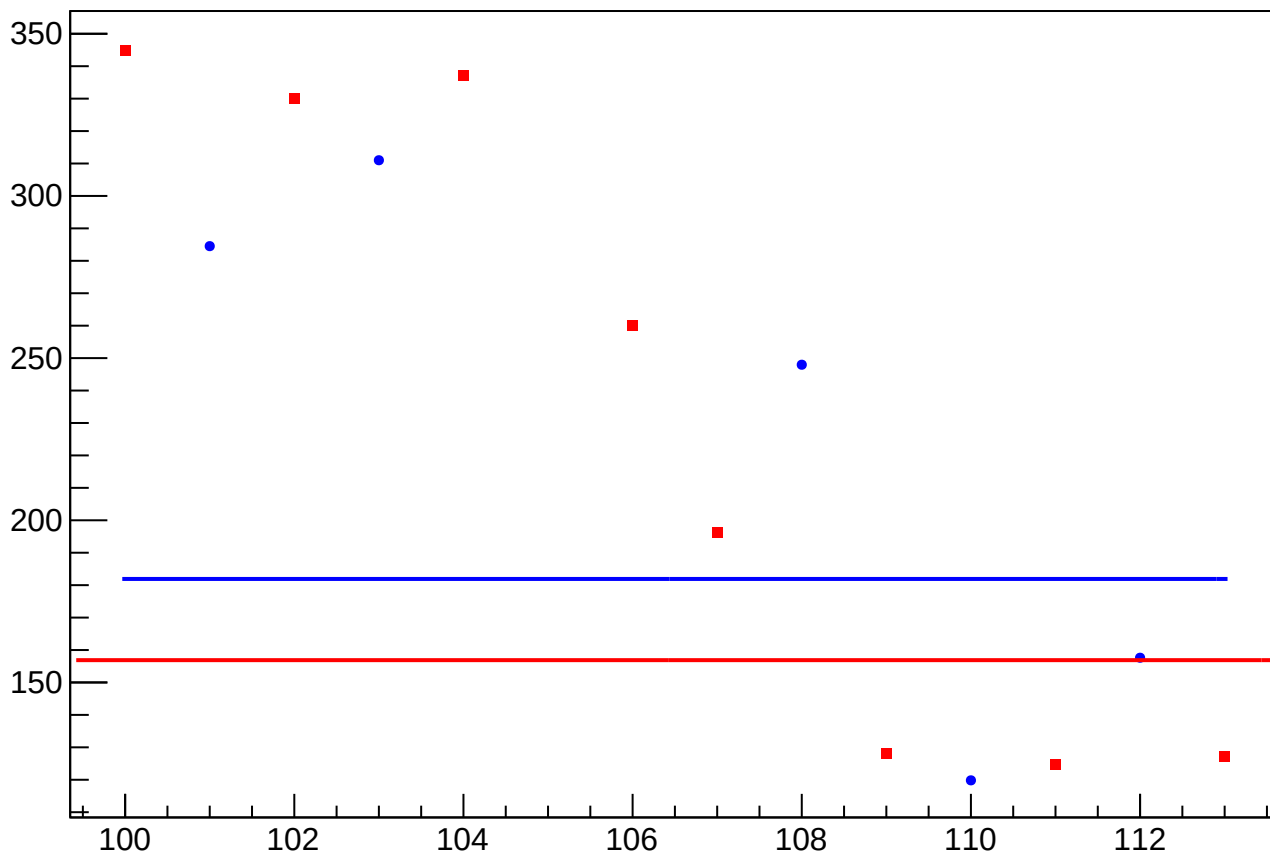
Right: -1218.636+/-76.103 χ^2/NDF : 4244.8/12

In: 1902.037+/-124.388 χ^2/NDF : 1671.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1218.636+/-76.103 χ^2/NDF : 4244.8/12

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 181.914+/-0.088 χ^2/NDF : 643638.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.877+/-0.068 χ^2/NDF : 947473.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

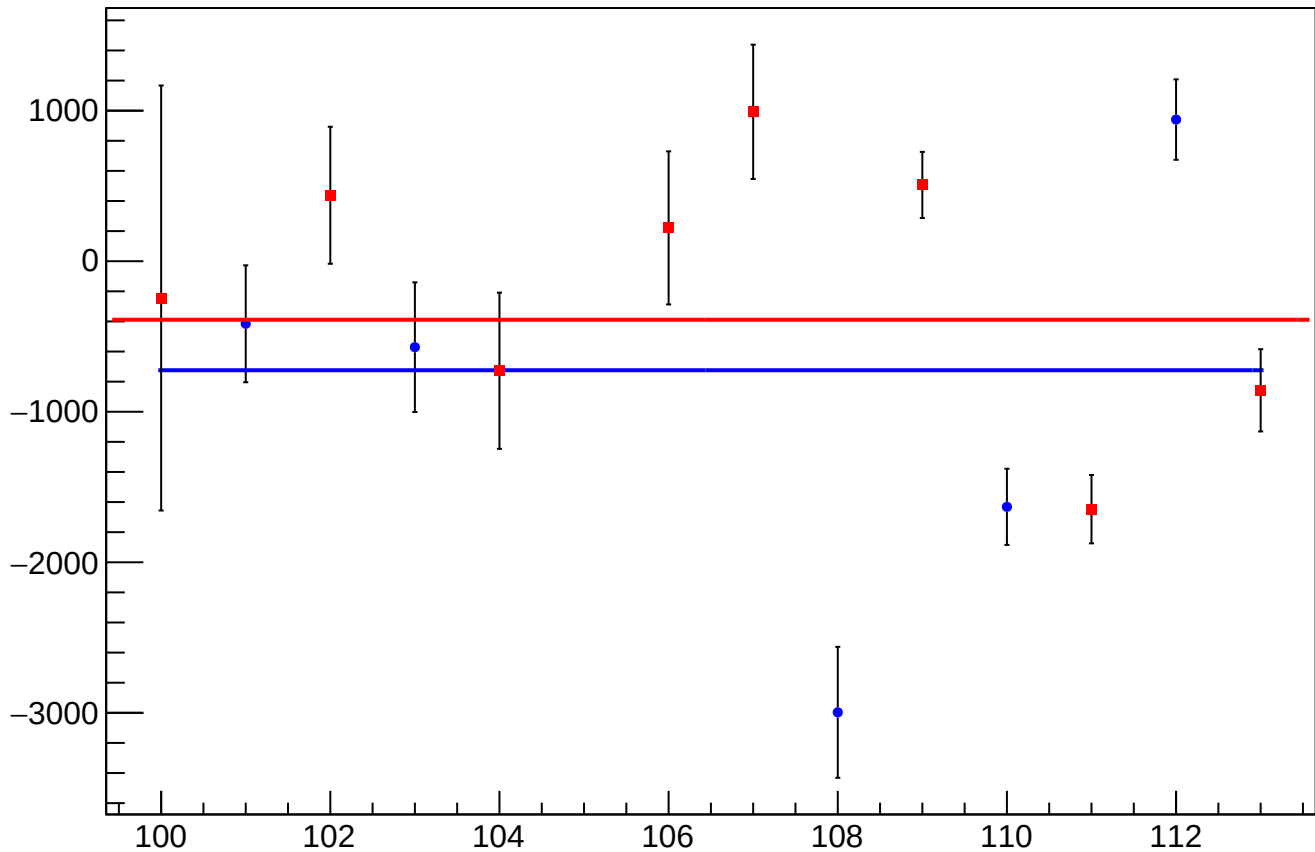
Right: 166.249+/-0.054 χ^2/NDF : 1641808.2/12

In: 181.914+/-0.088 χ^2/NDF : 643638.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.249+/-0.054 χ^2/NDF : 1641808.2/12

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: -388.862+/-118.301 χ^2/NDF : 65.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

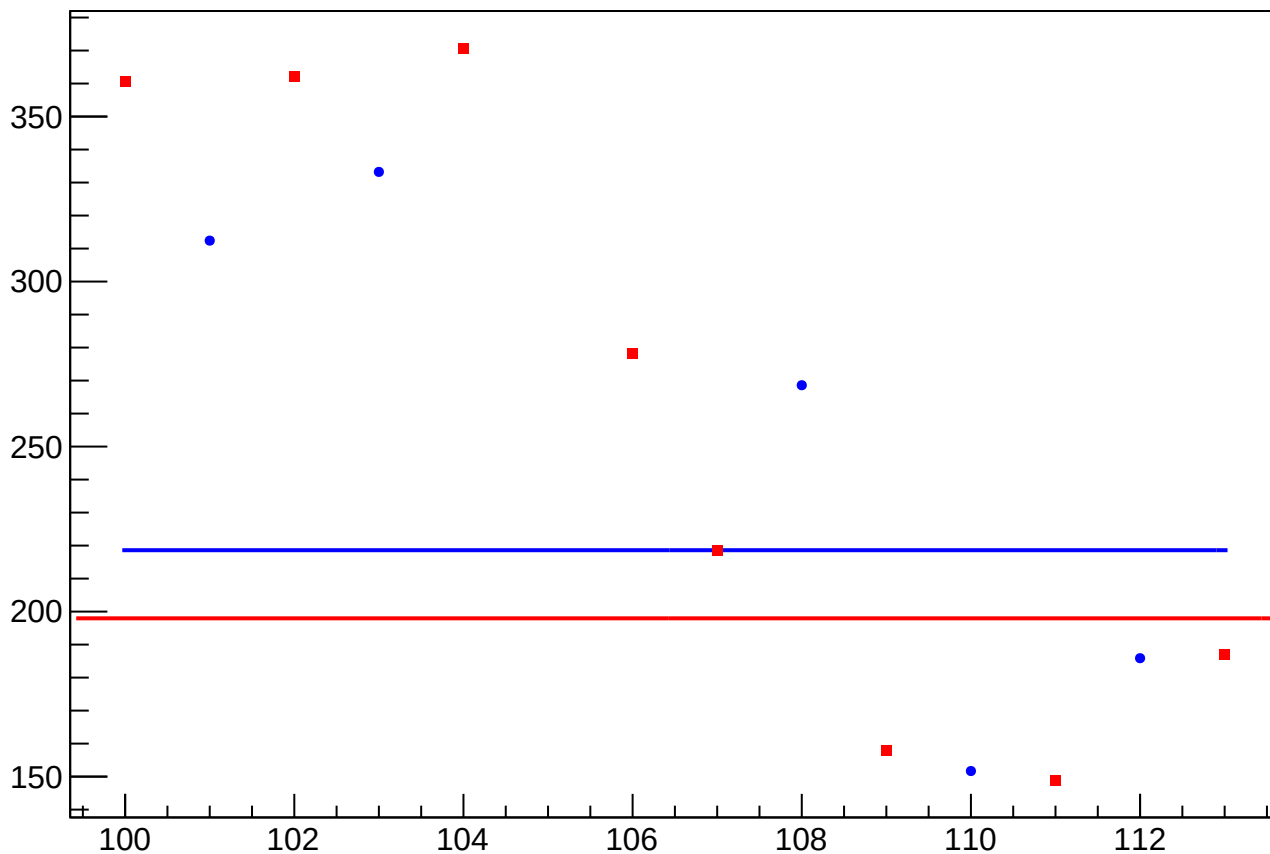
Right: -521.853+/-91.899 χ^2/NDF : 148.0/12

In: -724.235+/-145.937 χ^2/NDF : 79.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -521.853+/-91.899 χ^2/NDF : 148.0/12

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: 197.957+/-0.084 χ^2/NDF : 724670.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

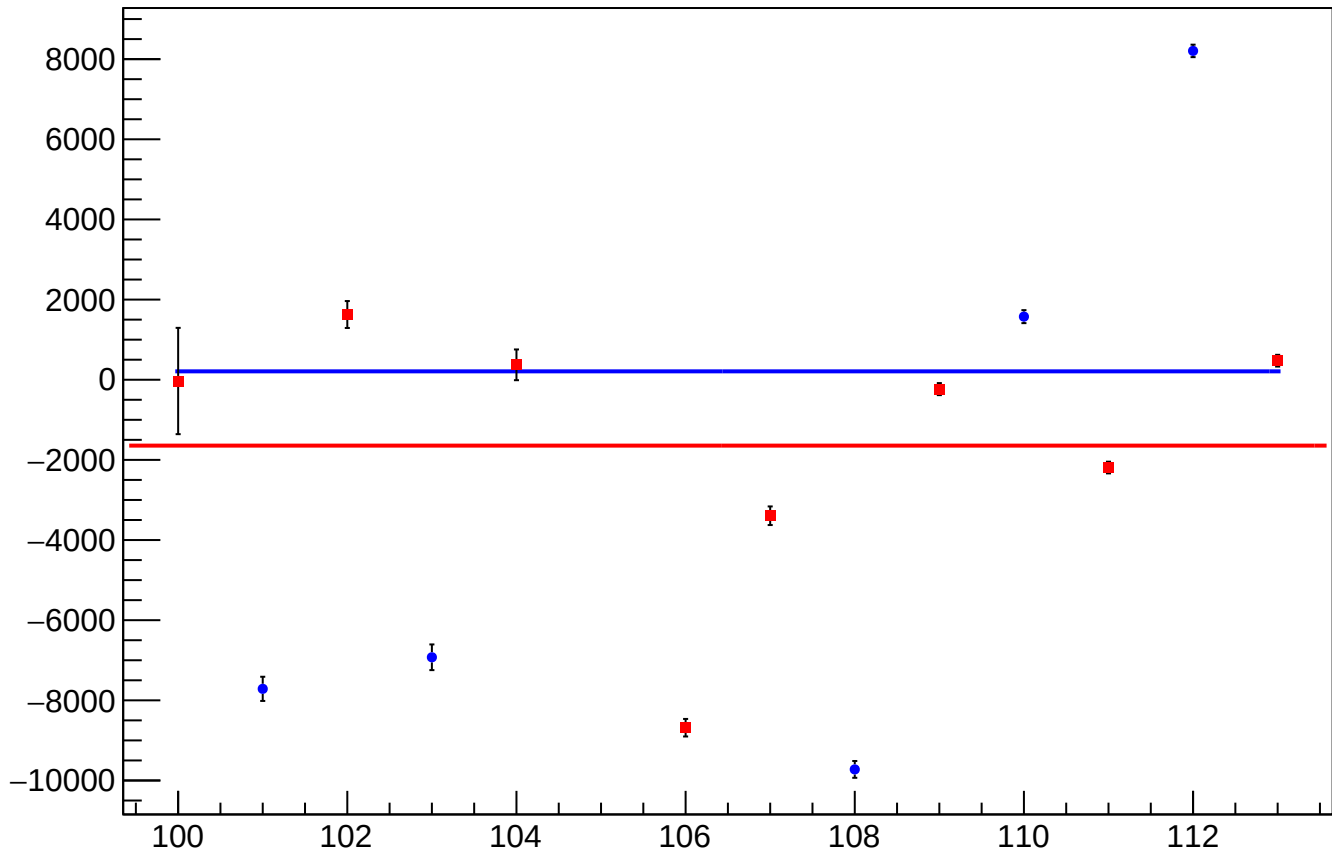
Right: 206.142+/-0.065 χ^2/NDF : 1203693.2/12

In: 218.598+/-0.103 χ^2/NDF : 454877.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 206.142+/-0.065 χ^2/NDF : 1203693.2/12

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: -1643.804+/-71.856 χ^2/NDF : 1526.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

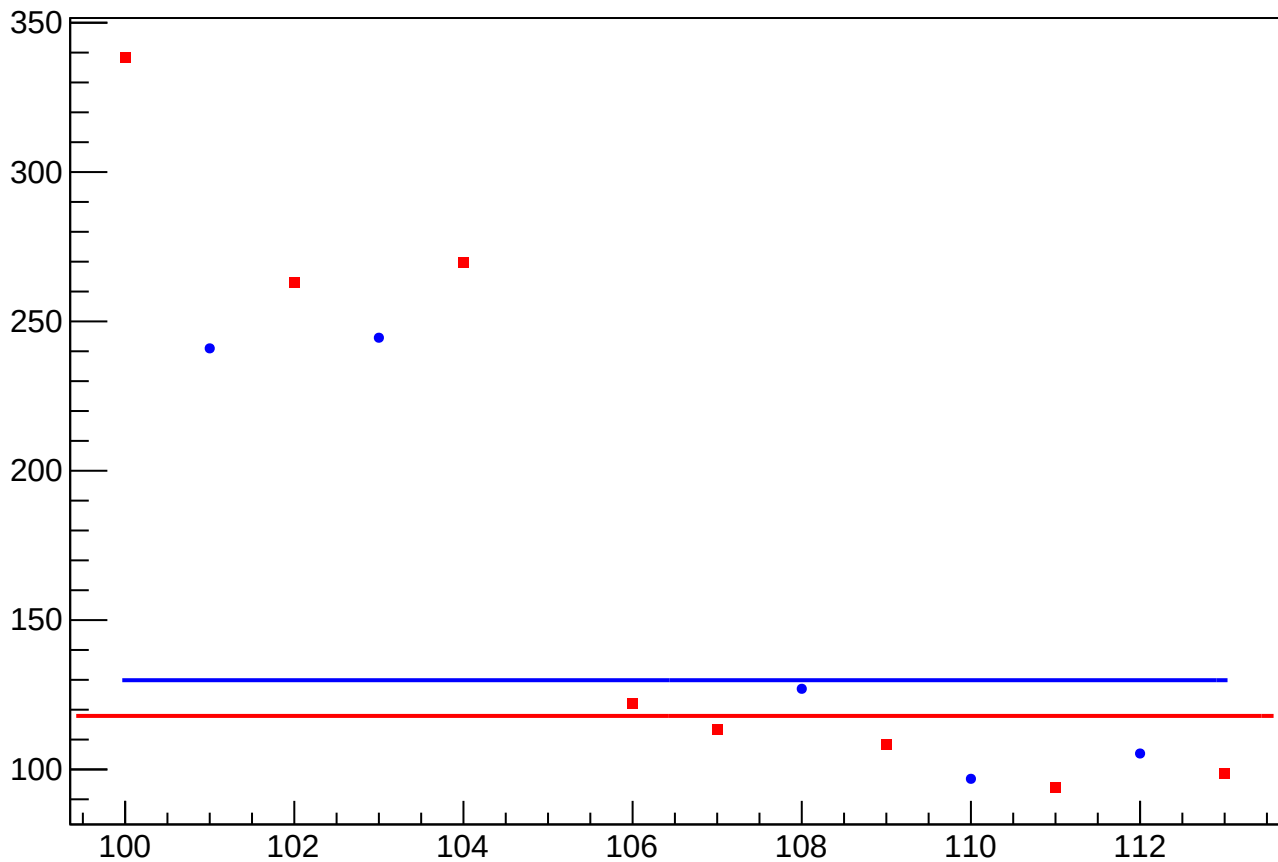
Right: -924.476+/-56.207 χ^2/NDF : 7928.2/12

In: 209.495+/-90.219 χ^2/NDF : 6143.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -924.476+/-56.207 χ^2/NDF : 7928.2/12

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: 117.920+/-0.051 χ^2/NDF : 841448.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

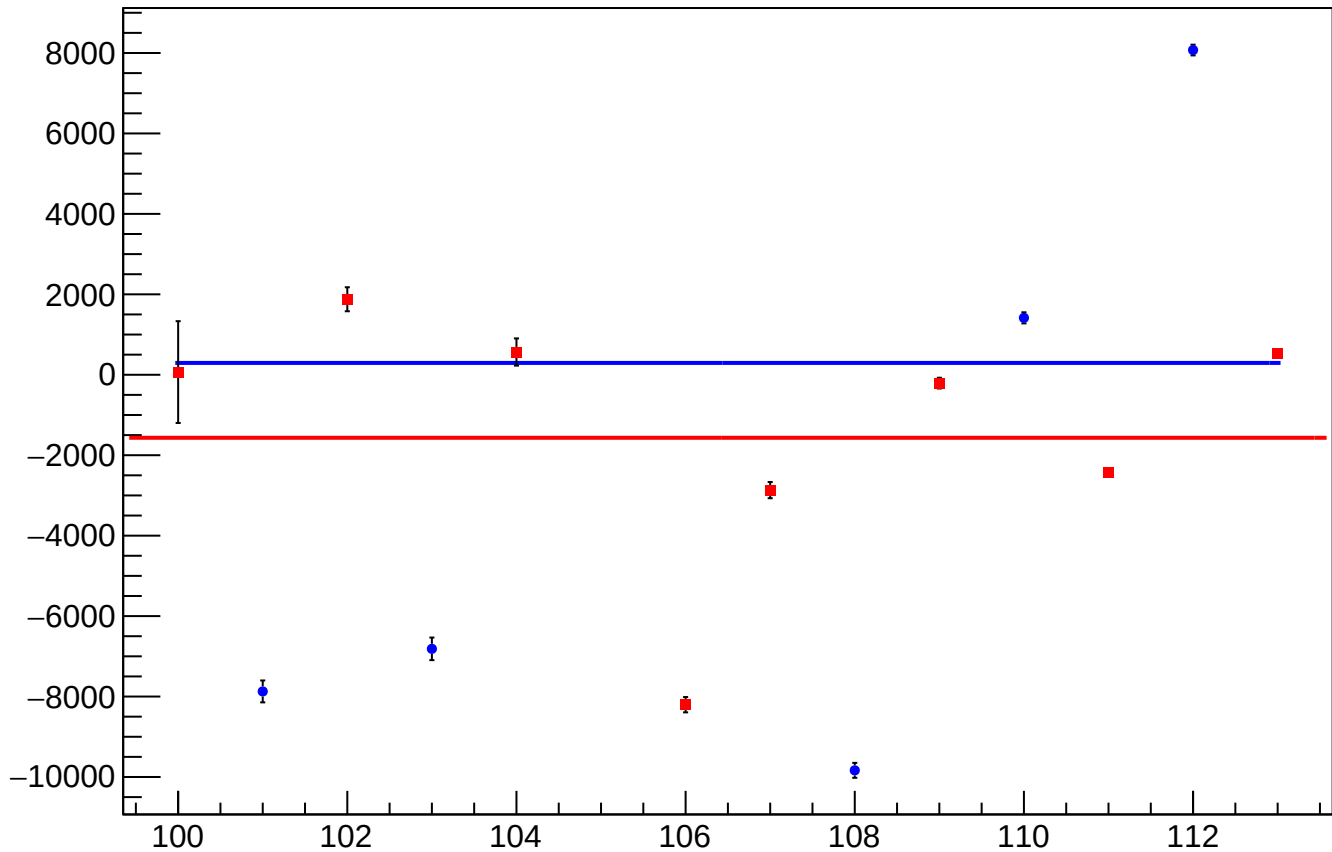
Right: 122.560+/-0.040 χ^2/NDF : 1523093.7/12

In: 129.876+/-0.064 χ^2/NDF : 660152.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.560+/-0.040 χ^2/NDF : 1523093.7/12

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: -1566.448+/-61.838 χ^2/NDF : 1868.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

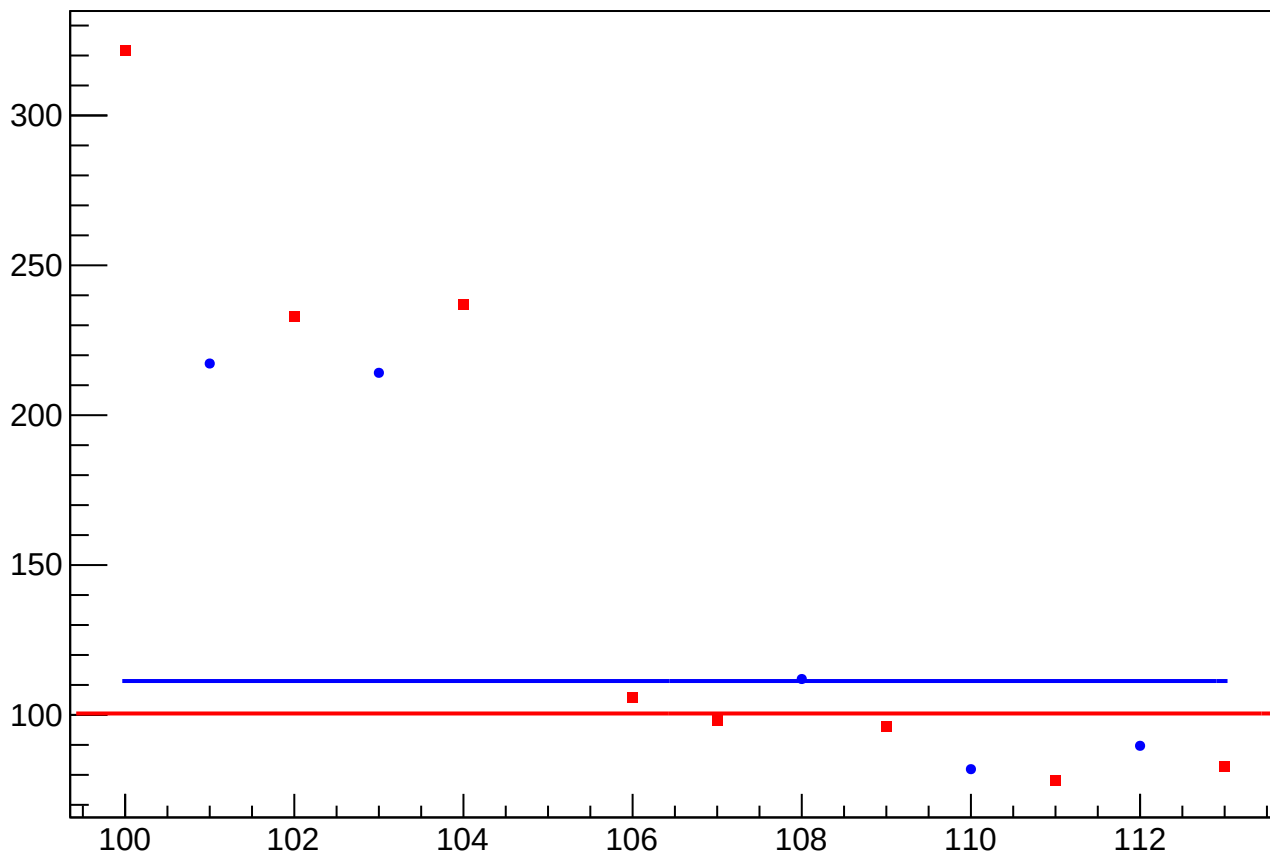
Right: -849.813+/-48.494 χ^2/NDF : 10195.0/12

In: 294.814+/-78.152 χ^2/NDF : 7977.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -849.813+/-48.494 χ^2/NDF : 10195.0/12

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: 100.479+/-0.044 χ^2/NDF : 894028.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

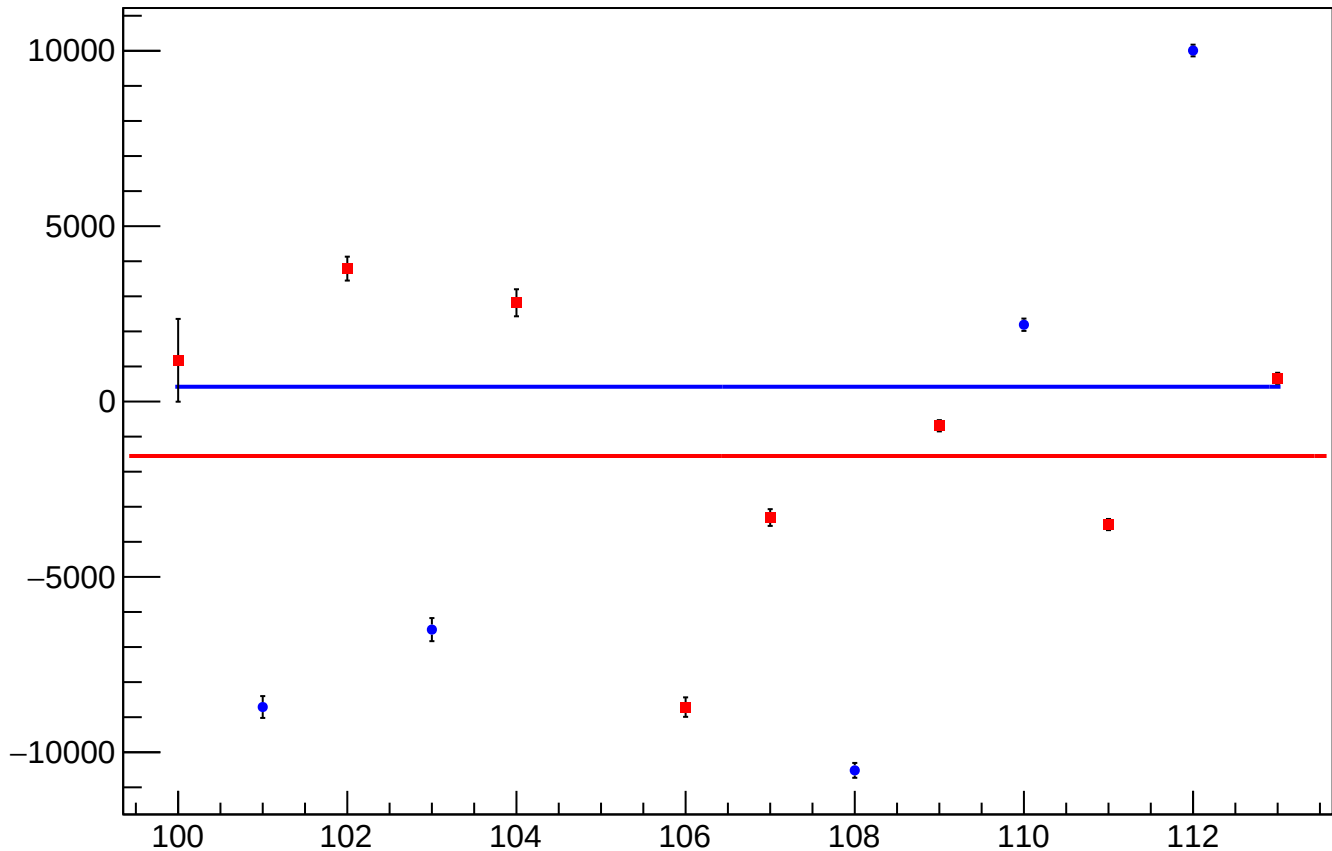
Right: 104.649+/-0.034 χ^2/NDF : 1631959.1/12

In: 111.310+/-0.055 χ^2/NDF : 714310.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.649+/-0.034 χ^2/NDF : 1631959.1/12

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: -1552.513+/-77.751 χ^2/NDF : 1477.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

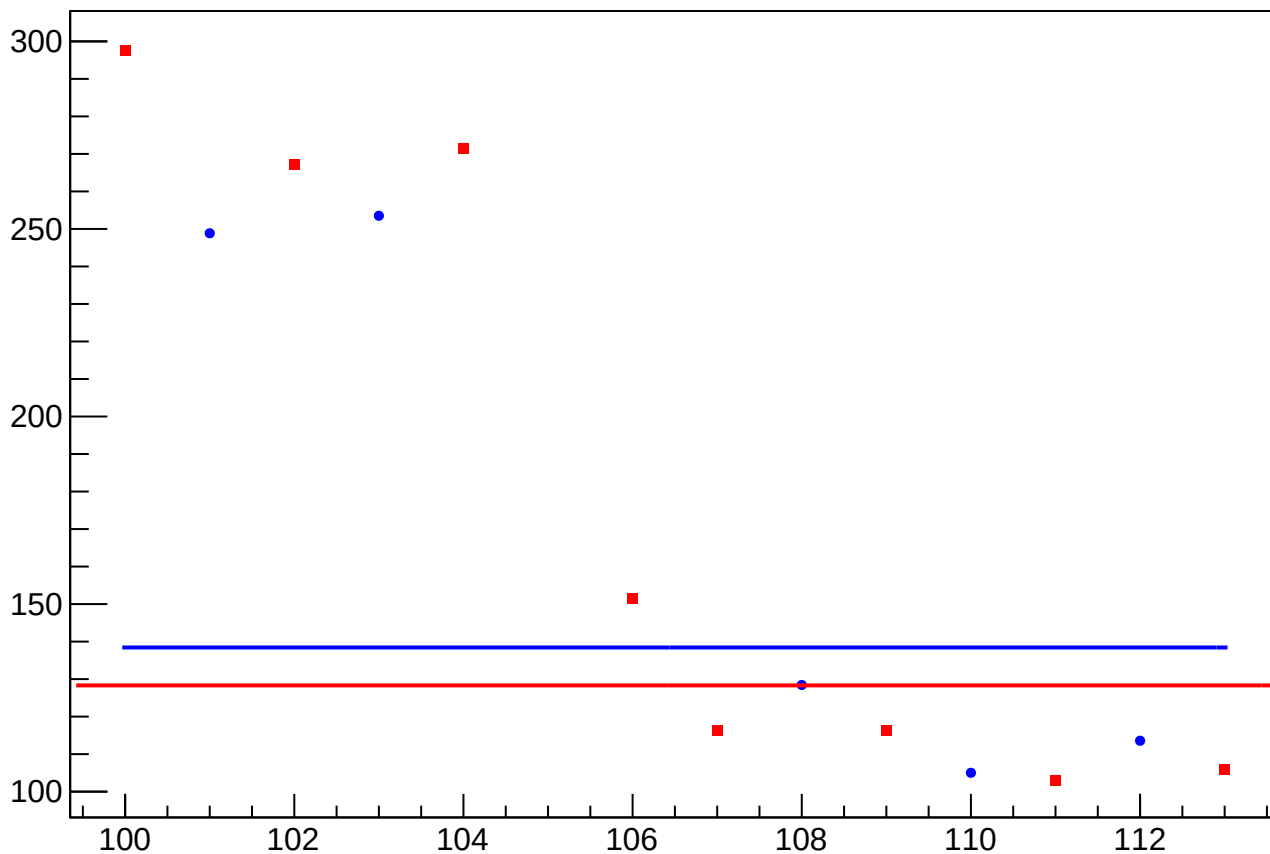
Right: -762.929+/-60.231 χ^2/NDF : 9107.7/12

In: 421.958+/-95.245 χ^2/NDF : 7372.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -762.929+/-60.231 χ^2/NDF : 9107.7/12

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: 128.323+/-0.055 χ^2/NDF : 769609.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

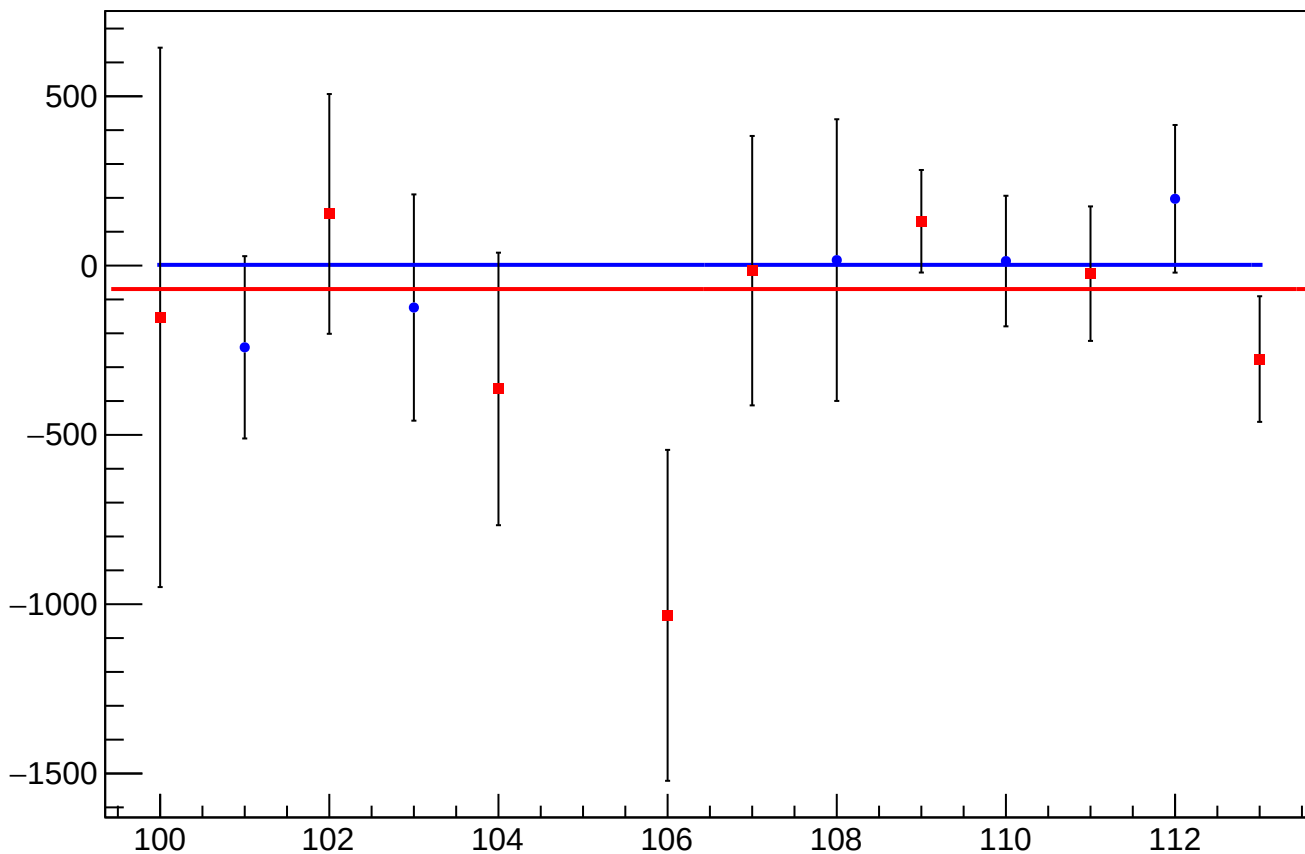
Right: 132.363+/-0.043 χ^2/NDF : 1400374.4/12

In: 138.426+/-0.067 χ^2/NDF : 617261.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.363+/-0.043 χ^2/NDF : 1400374.4/12

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: -69.289+/-89.708 χ^2/NDF : 7.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

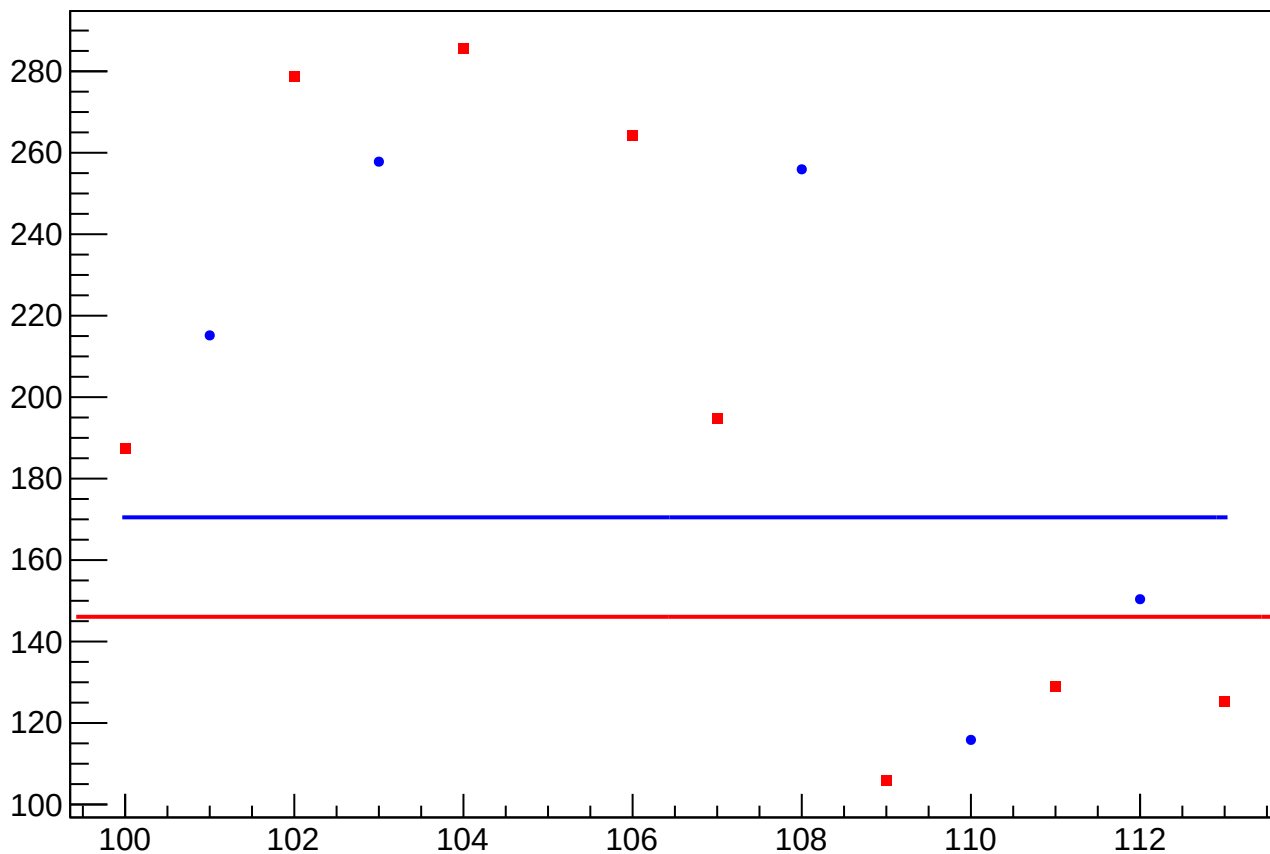
Right: -42.071+/-70.580 χ^2/NDF : 9.9/12

In: 2.154+/-114.349 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.071+/-70.580 χ^2/NDF : 9.9/12

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: 146.078+/-0.063 χ^2/NDF : 854021.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

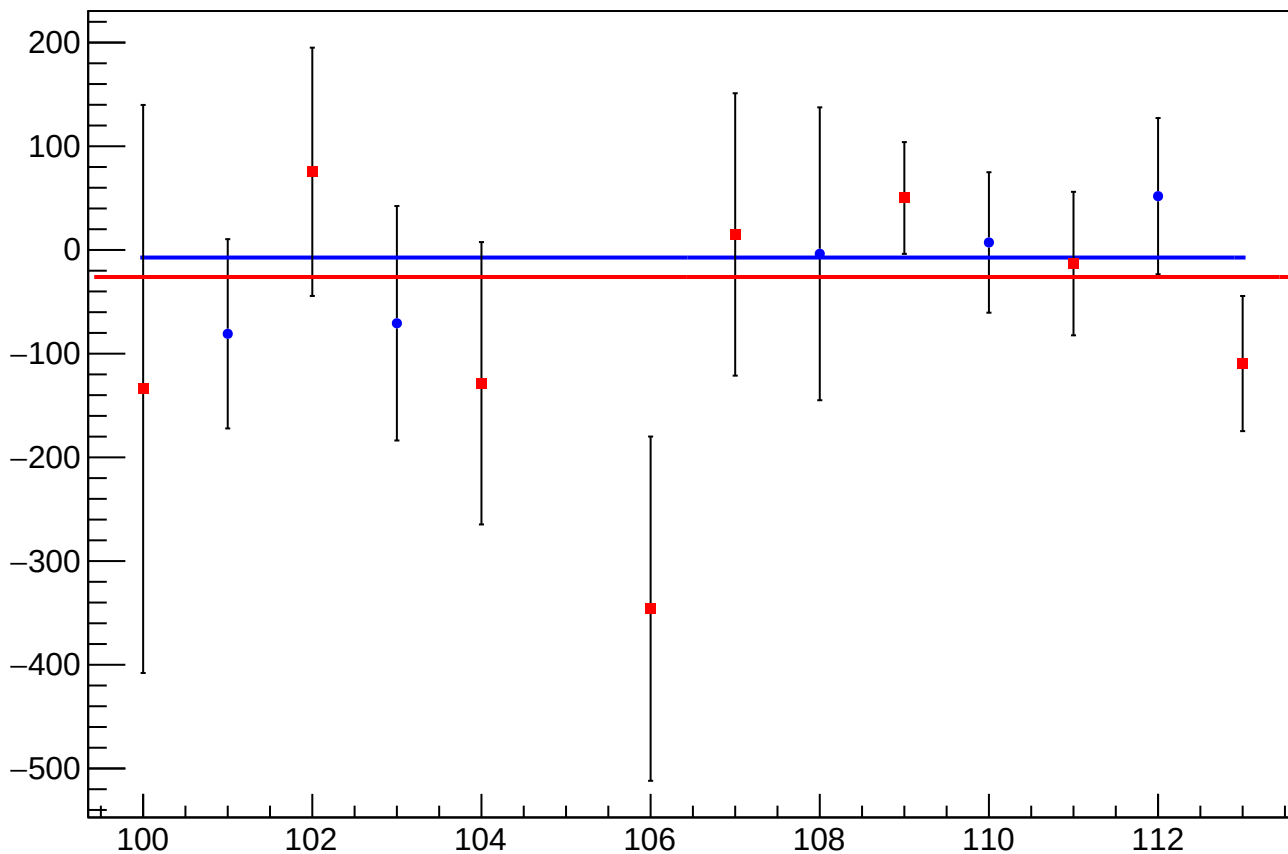
Right: 155.380+/-0.050 χ^2/NDF : 1364117.9/12

In: 170.493+/-0.081 χ^2/NDF : 453658.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.380+/-0.050 χ^2/NDF : 1364117.9/12

asym_bcm_2an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -7.305+/-39.444 χ^2/NDF : 1.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -26.068+/-31.369 χ^2/NDF : 8.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

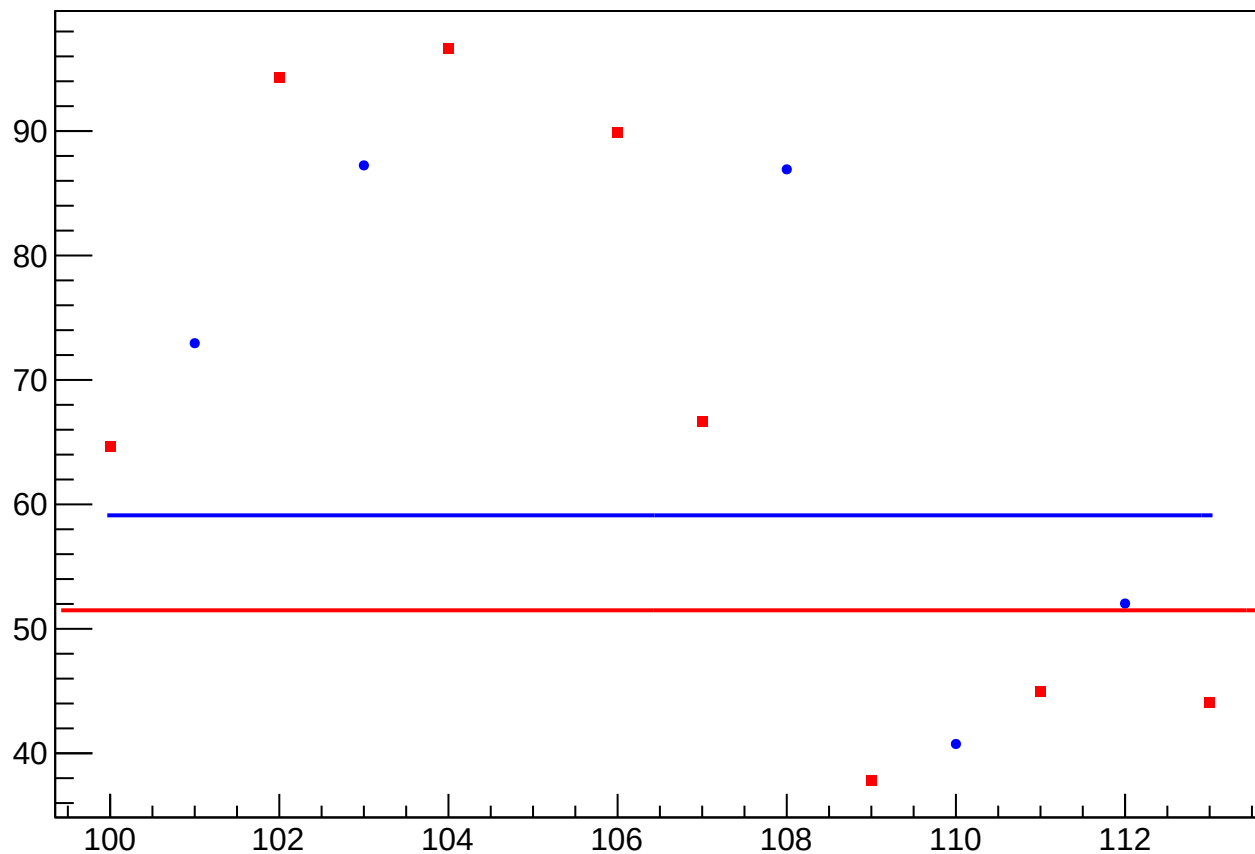
Right: -18.799+/-24.551 χ^2/NDF : 10.7/12

In: -7.305+/-39.444 χ^2/NDF : 1.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.799+/-24.551 χ^2/NDF : 10.7/12

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: 51.488+/-0.022 χ^2/NDF : 783792.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

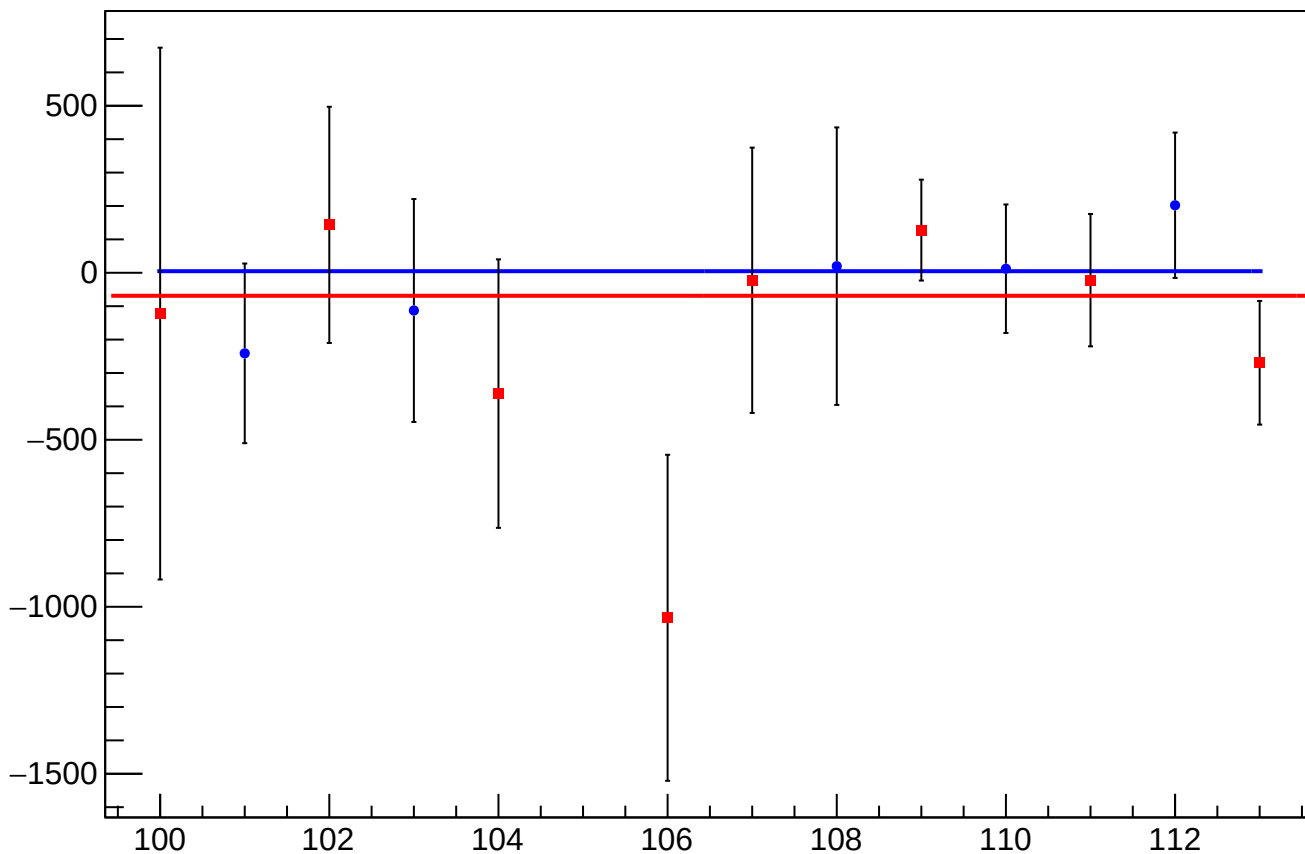
Right: 54.445+/-0.017 χ^2/NDF : 1241782.1/12

In: 59.121+/-0.028 χ^2/NDF : 412114.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.445+/-0.017 χ^2/NDF : 1241782.1/12

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: -68.848+/-89.530 χ^2/NDF : 7.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

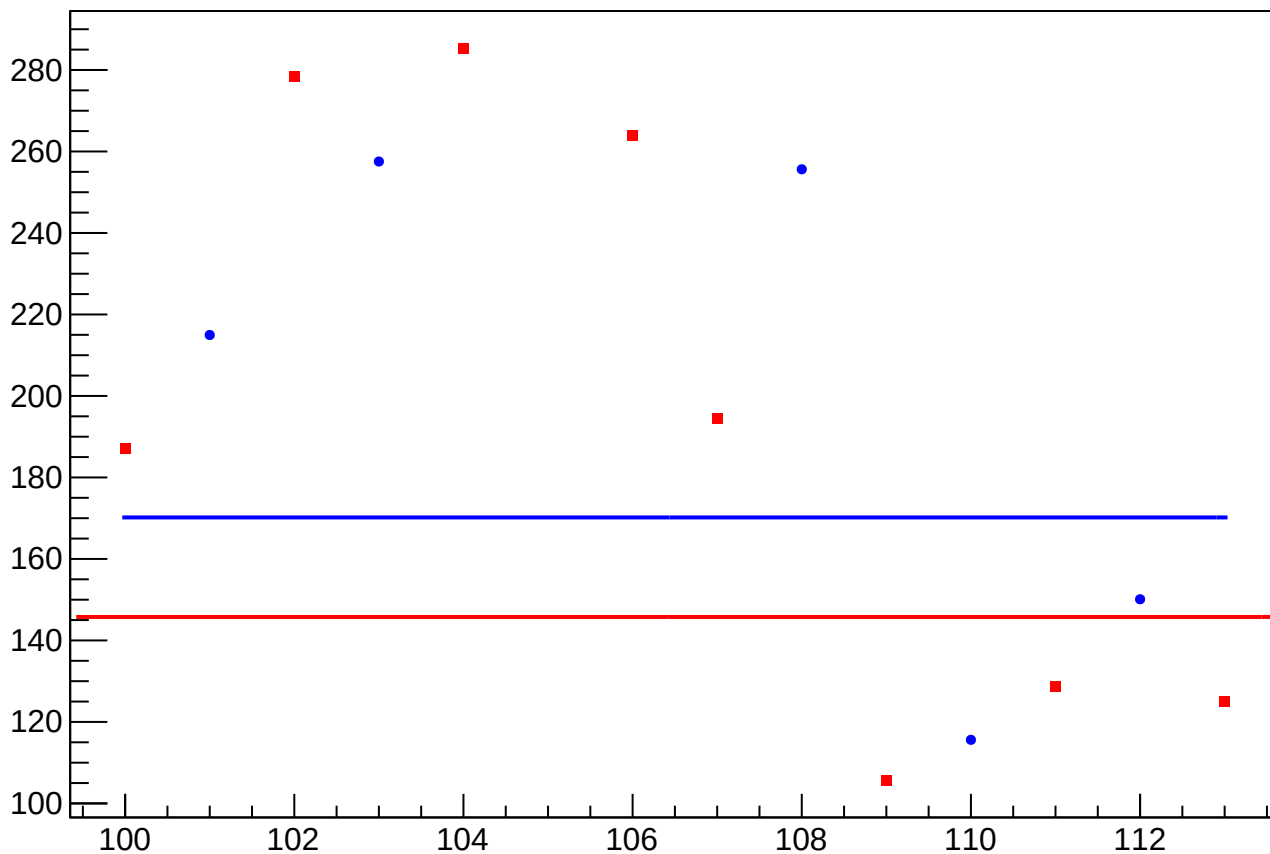
Right: -40.816+/-70.449 χ^2/NDF : 9.8/12

In: 4.762+/-114.160 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.816+/-70.449 χ^2/NDF : 9.8/12

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: 145.761+/-0.063 χ^2/NDF : 855824.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

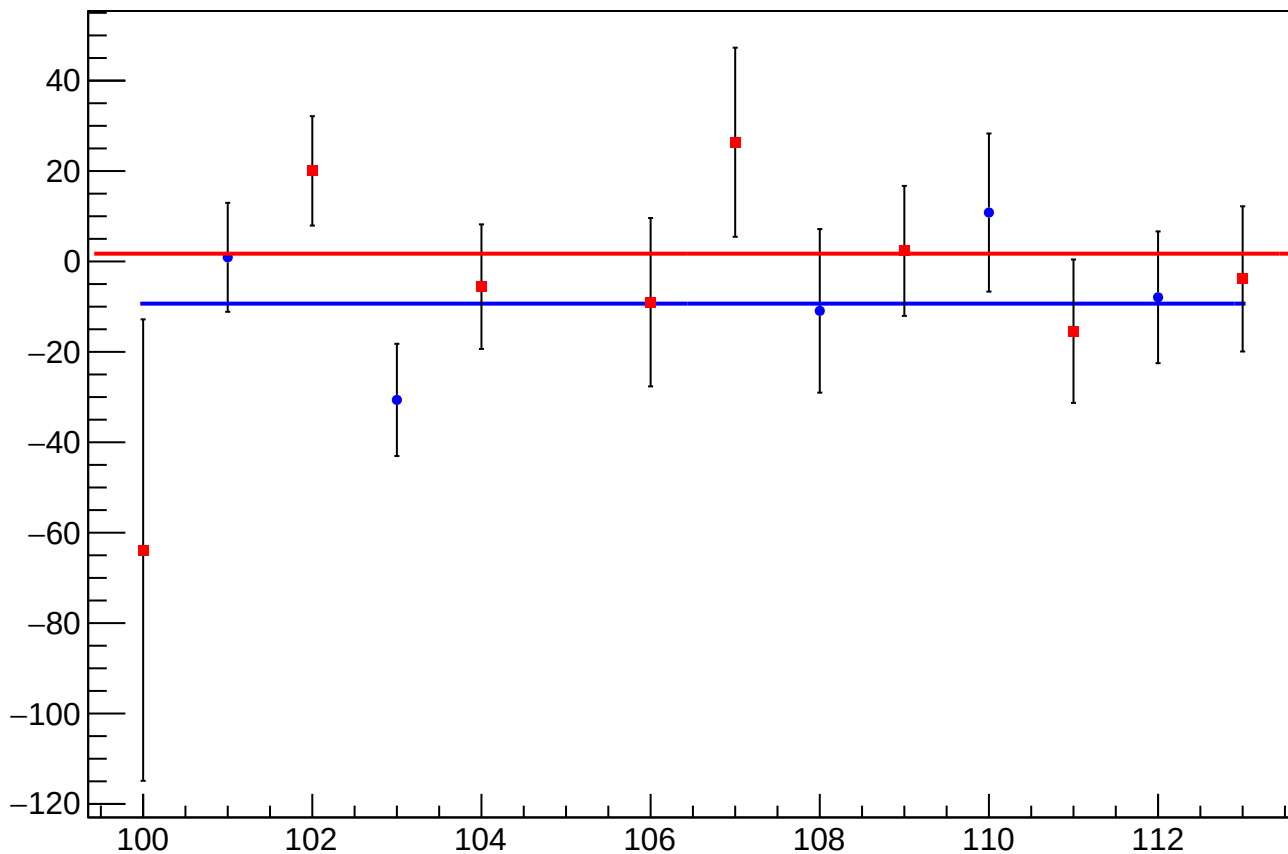
Right: 155.063+/-0.050 χ^2/NDF : 1367479.6/12

In: 170.186+/-0.081 χ^2/NDF : 454971.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.063+/-0.050 χ^2/NDF : 1367479.6/12

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: 1.724+/-5.741 χ^2/NDF : 7.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

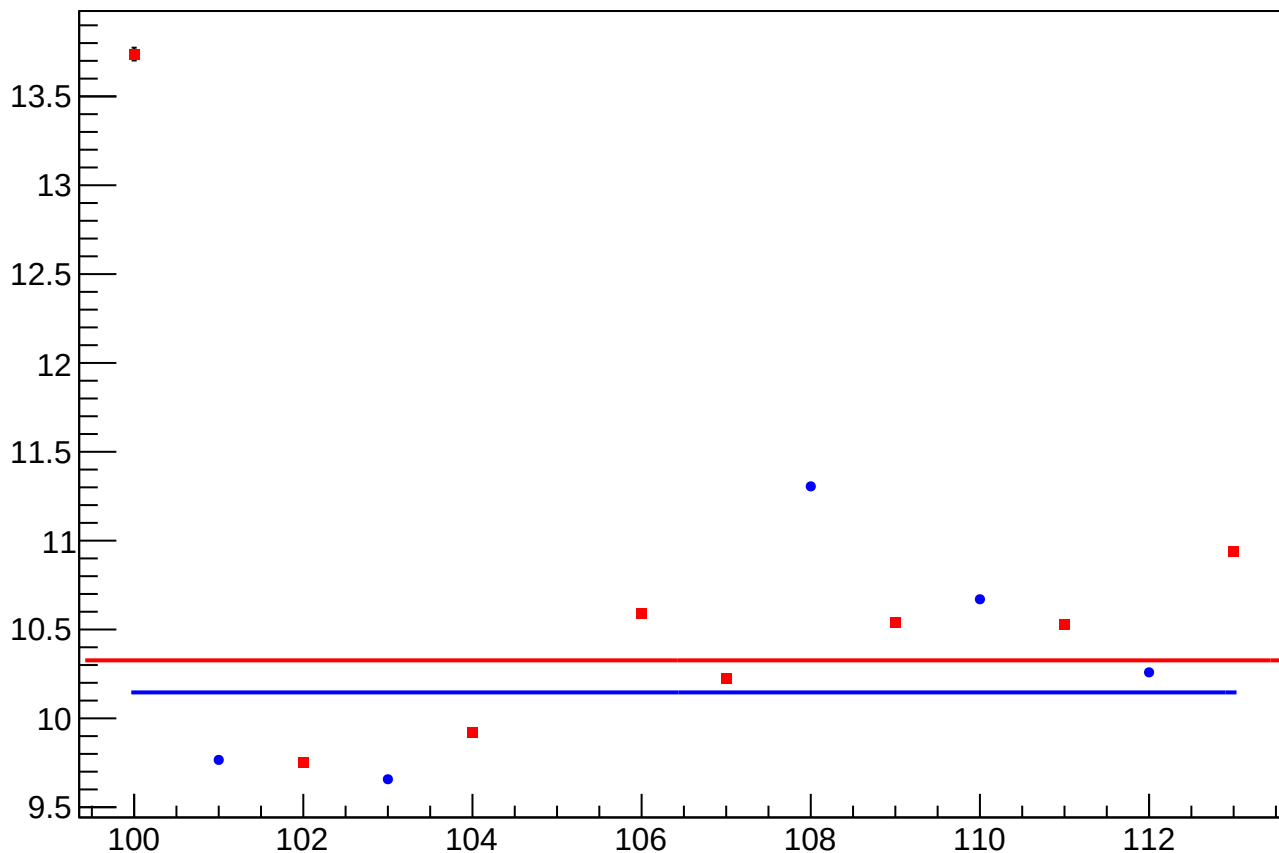
Right: -3.203+/-4.274 χ^2/NDF : 13.9/12

In: -9.328+/-6.401 χ^2/NDF : 5.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.203+/-4.274 χ^2/NDF : 13.9/12

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: 10.326+/-0.004 χ^2/NDF : 19294.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

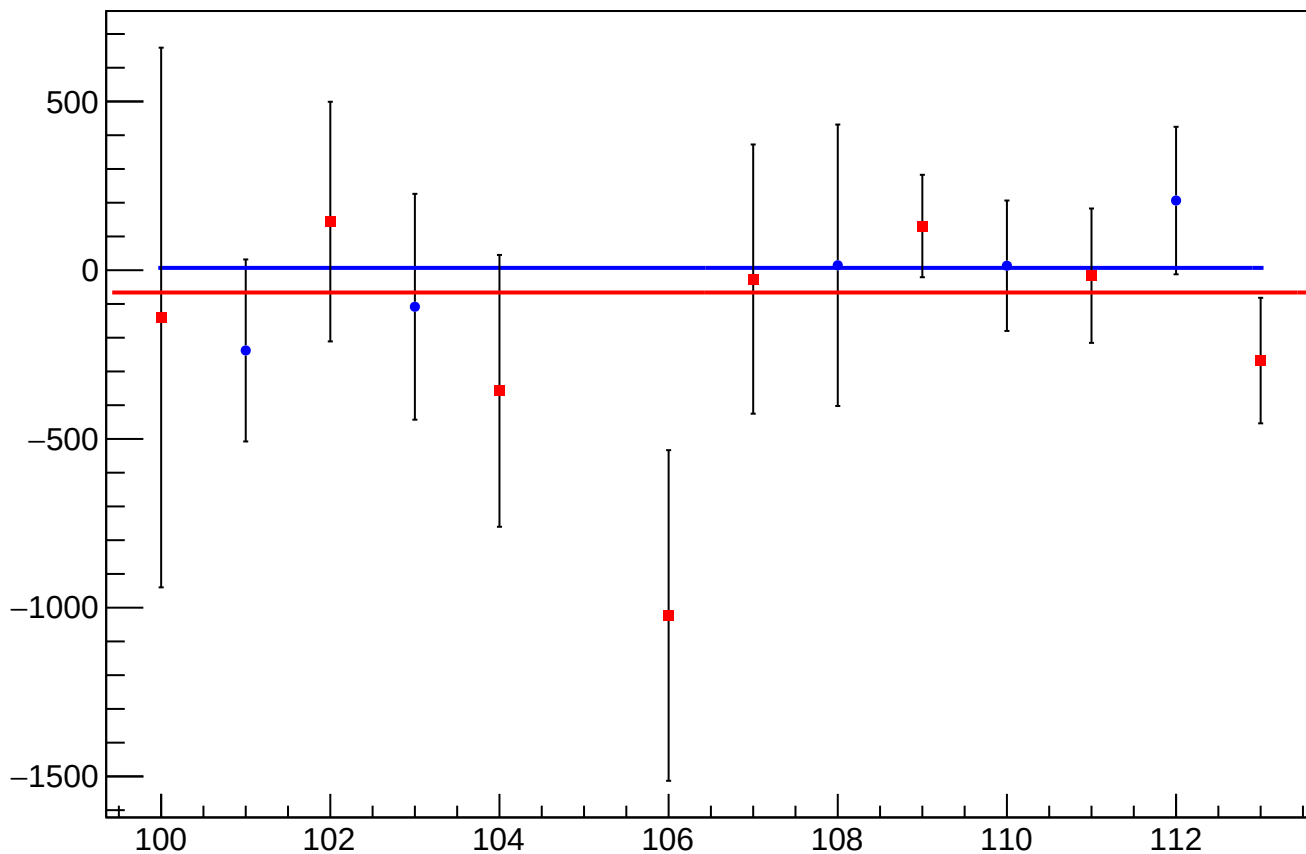
Right: 10.246+/-0.003 χ^2/NDF : 35384.6/12

In: 10.146+/-0.005 χ^2/NDF : 15210.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.246+/-0.003 χ^2/NDF : 35384.6/12

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: -66.056+/-89.914 χ^2/NDF : 7.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

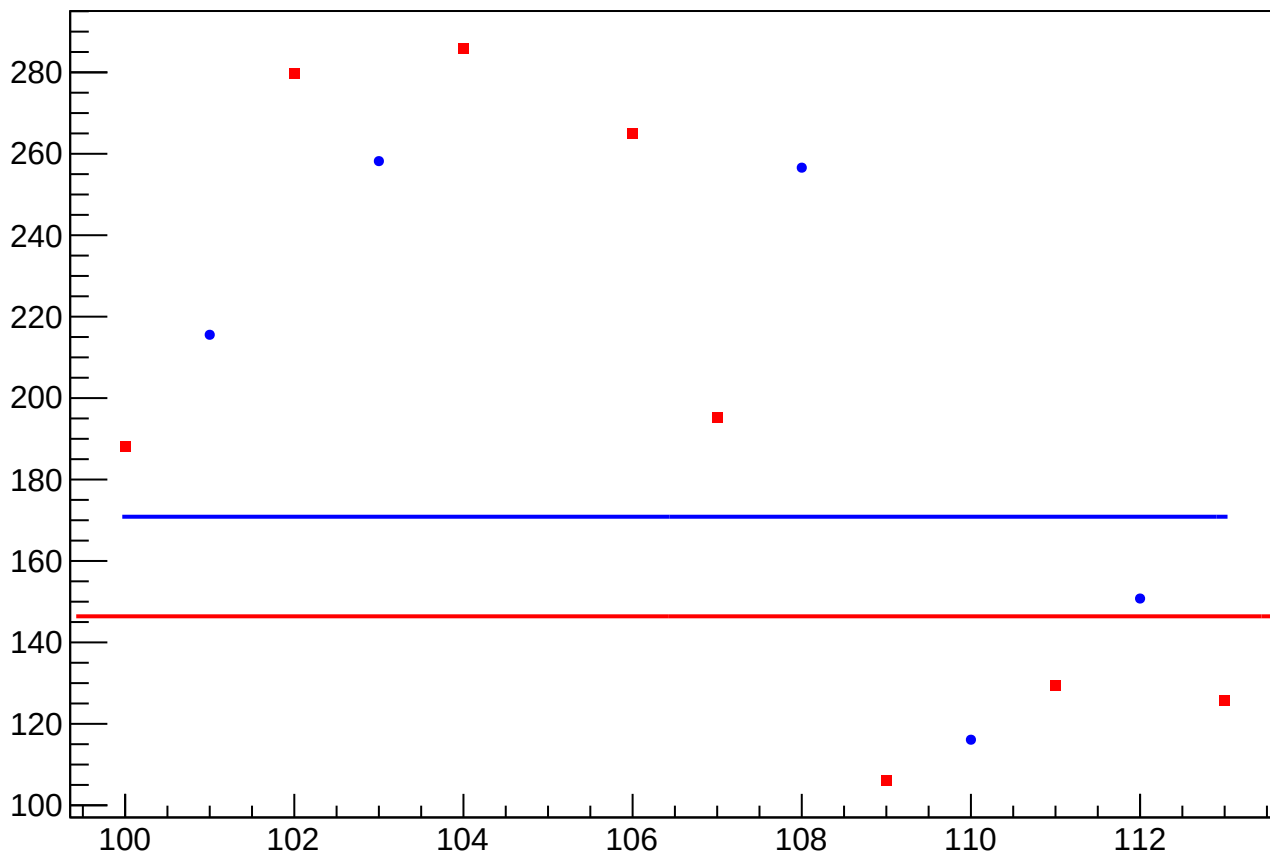
Right: -38.251+/-70.739 χ^2/NDF : 9.7/12

In: 6.914+/-114.597 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.251+/-70.739 χ^2/NDF : 9.7/12

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: 146.407 $\pm$ 0.064 χ^2 /NDF: 854143.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

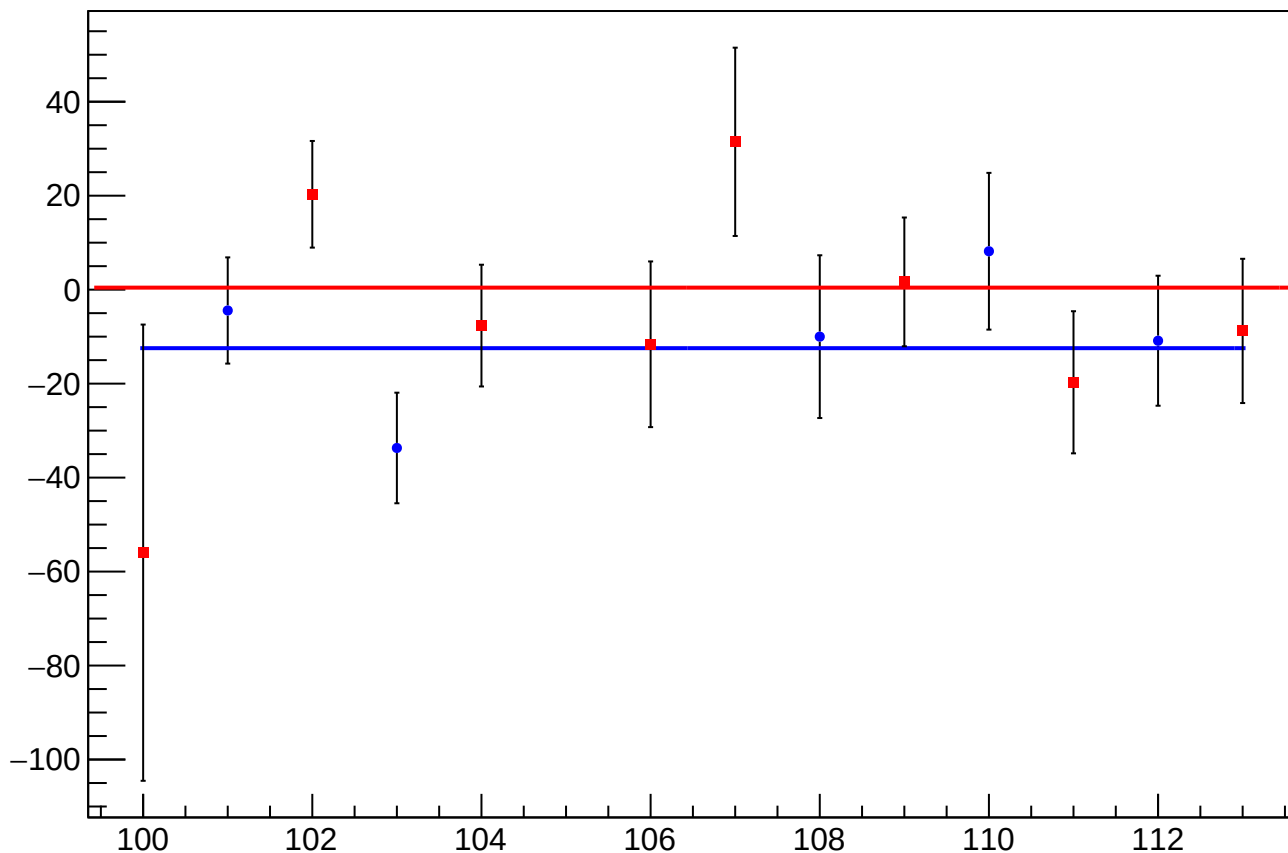
Right: 155.727 $\pm$ 0.050 χ^2 /NDF: 1363726.9/12

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: 155.727 $\pm$ 0.050 χ^2 /NDF: 1363726.9/12

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: 0.431 $\pm$ 5.440 χ^2/NDF : 9.8/7

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

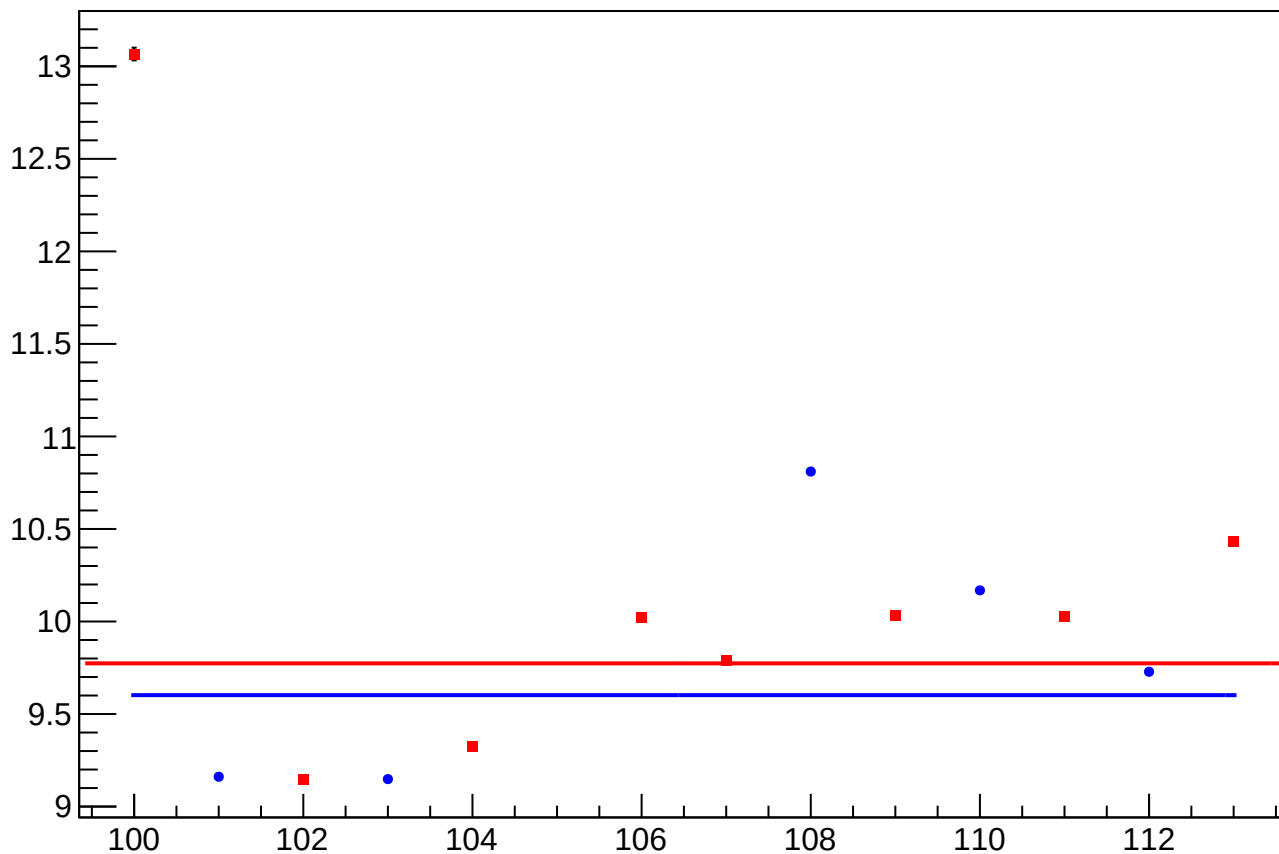
Right: -5.314 $\pm$ 4.049 χ^2/NDF : 17.6/12

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: -5.314 $\pm$ 4.049 χ^2/NDF : 17.6/12

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: 9.774 $\pm$ 0.004 χ^2 /NDF: 23054.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

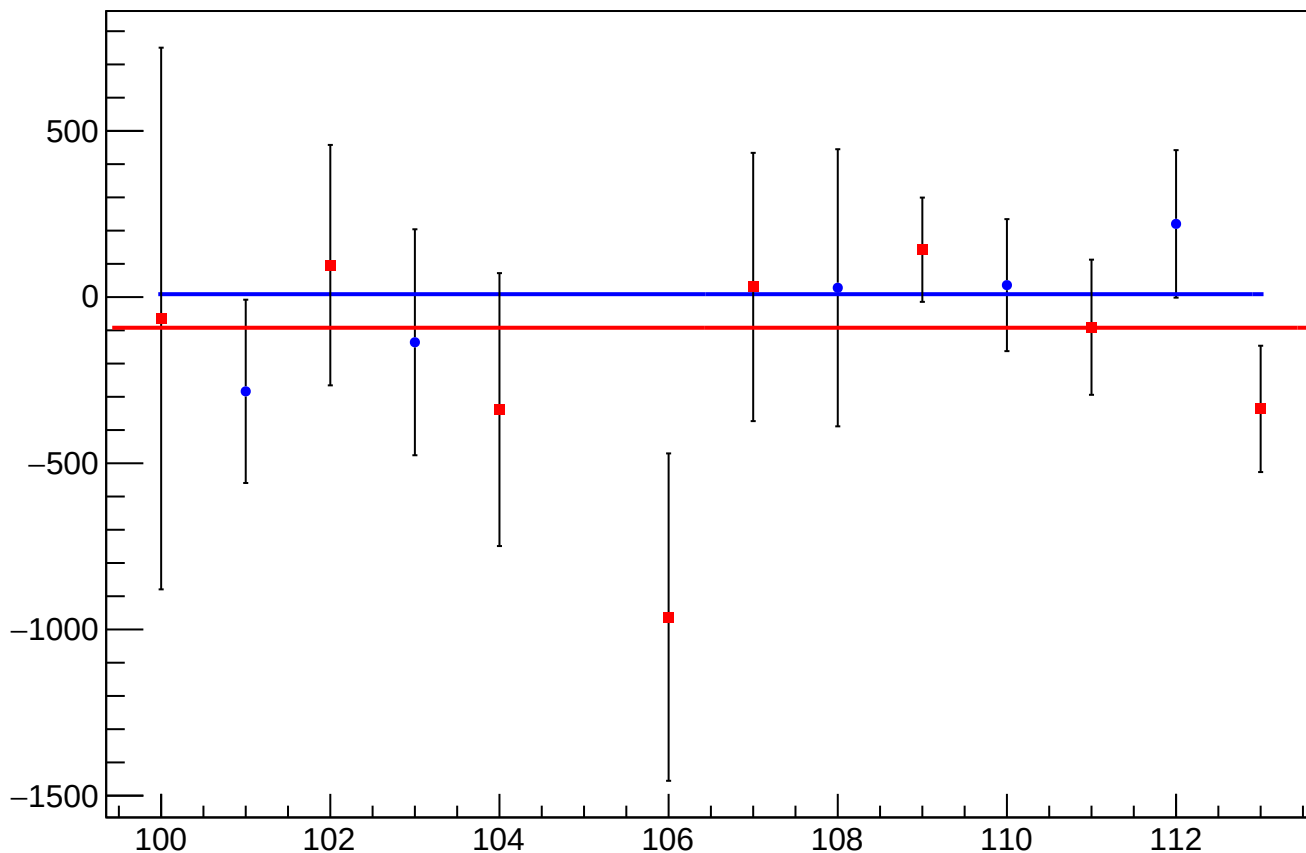
Right: 9.697 $\pm$ 0.003 χ^2 /NDF: 42168.9/12

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: 9.697 $\pm$ 0.003 χ^2 /NDF: 42168.9/12

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: -92.201+/-92.111 χ^2/NDF : 7.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

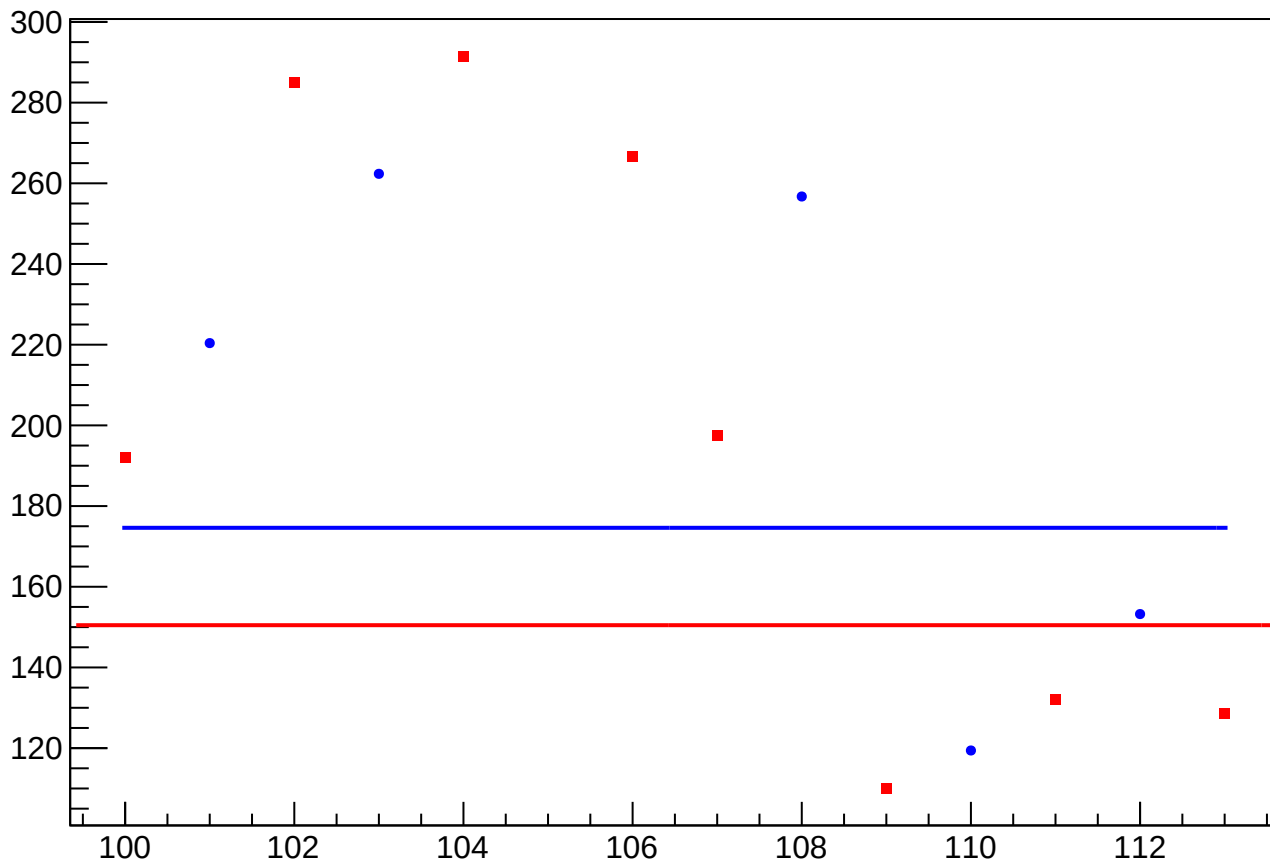
Right: -53.508+/-72.340 χ^2/NDF : 10.4/12

In: 8.767+/-116.857 χ^2/NDF : 2.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -53.508+/-72.340 χ^2/NDF : 10.4/12

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: 150.474 $\pm$ 0.065 χ^2 /NDF: 831242.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

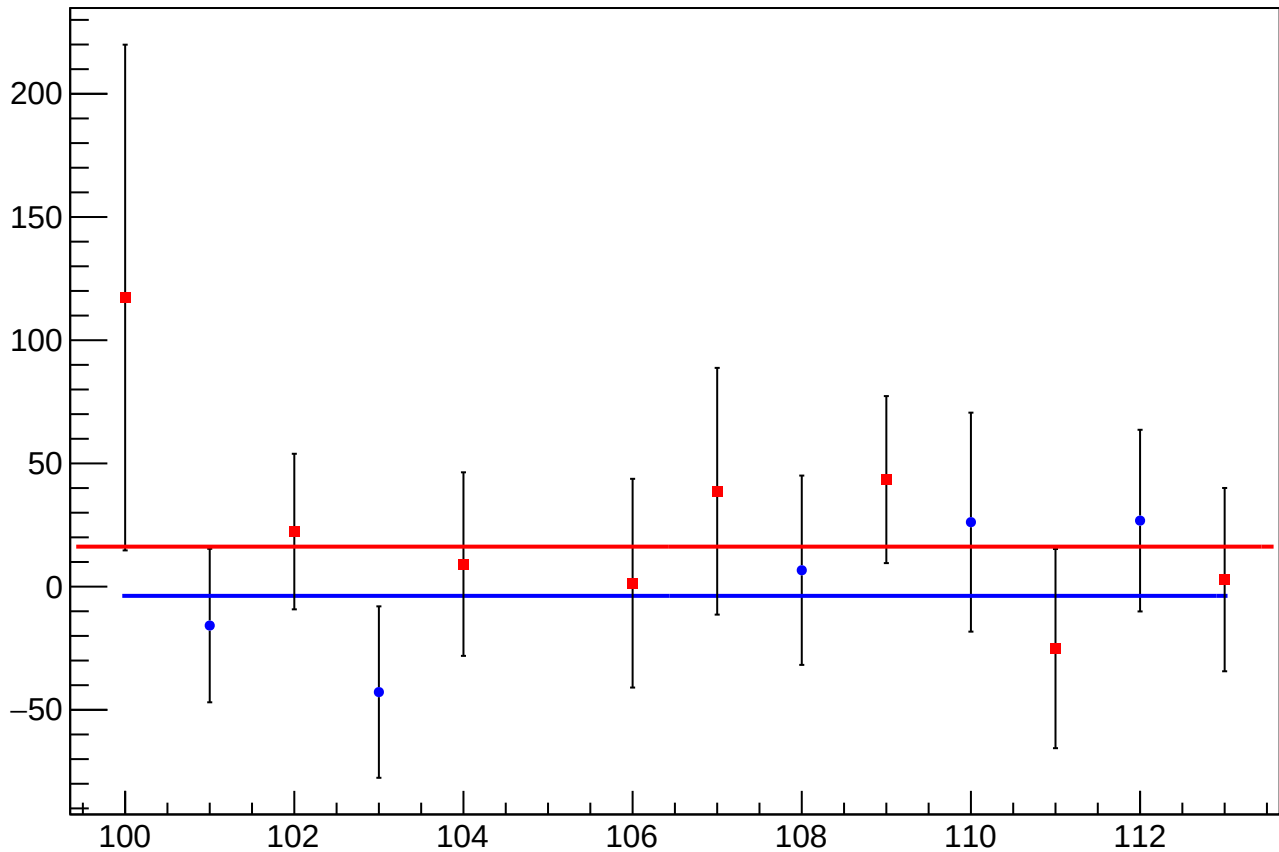
Right: 159.725 $\pm$ 0.051 χ^2 /NDF: 1322954.5/12

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: 159.725 $\pm$ 0.051 χ^2 /NDF: 1322954.5/12

asym_bcm_dg_us_dg_ds_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: 16.231+/-14.168 χ^2/NDF : 3.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

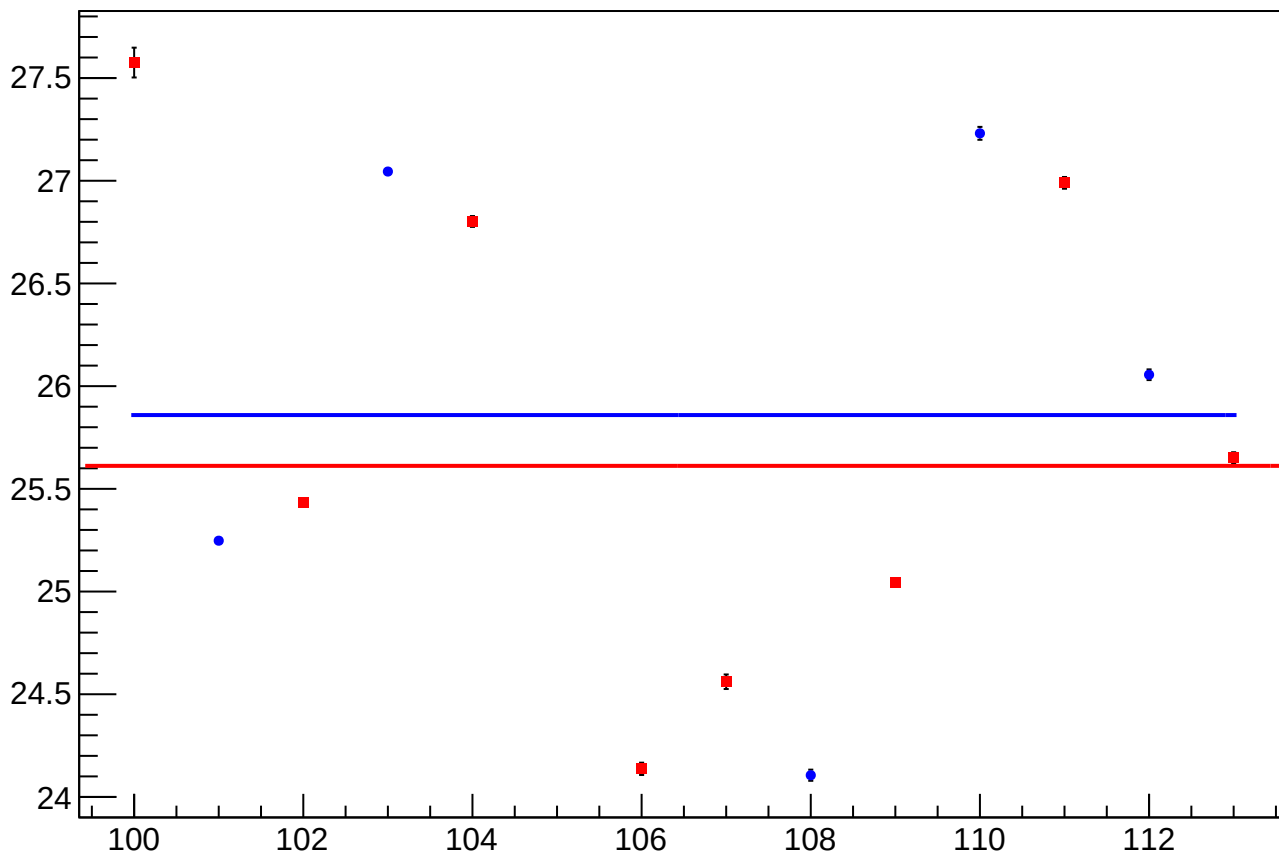
Right: 7.616+/-10.685 χ^2/NDF : 6.7/12

In: -3.746+/-16.272 χ^2/NDF : 2.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.616+/-10.685 χ^2/NDF : 6.7/12

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: 25.612 ± 0.010 χ^2/NDF : 9035.3/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

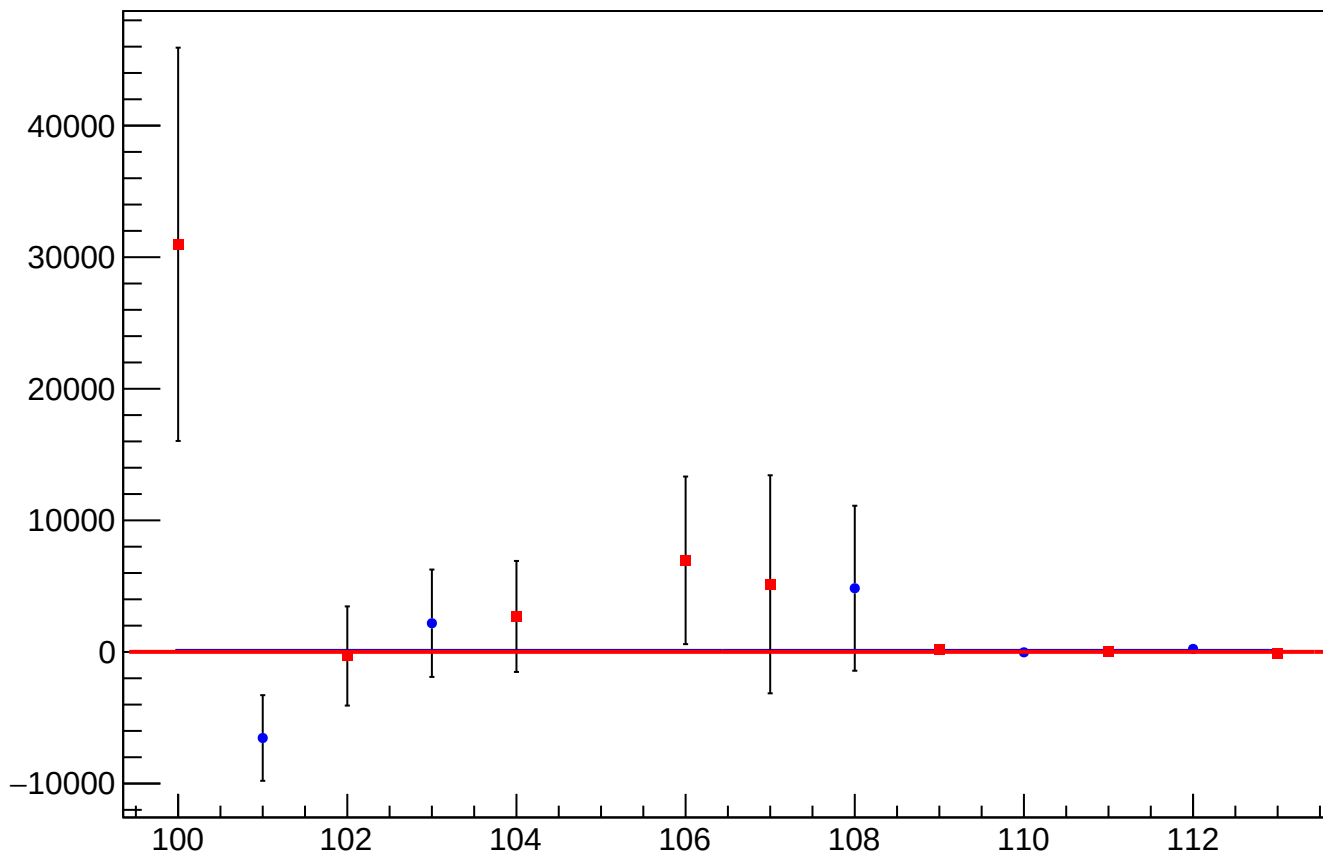
Right: 25.719 ± 0.008 χ^2/NDF : 18521.7/12

In: 25.859 ± 0.012 χ^2/NDF : 9223.6/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 25.719 ± 0.008 χ^2/NDF : 18521.7/12

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: 7.868+/-113.551 χ^2/NDF : 7.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

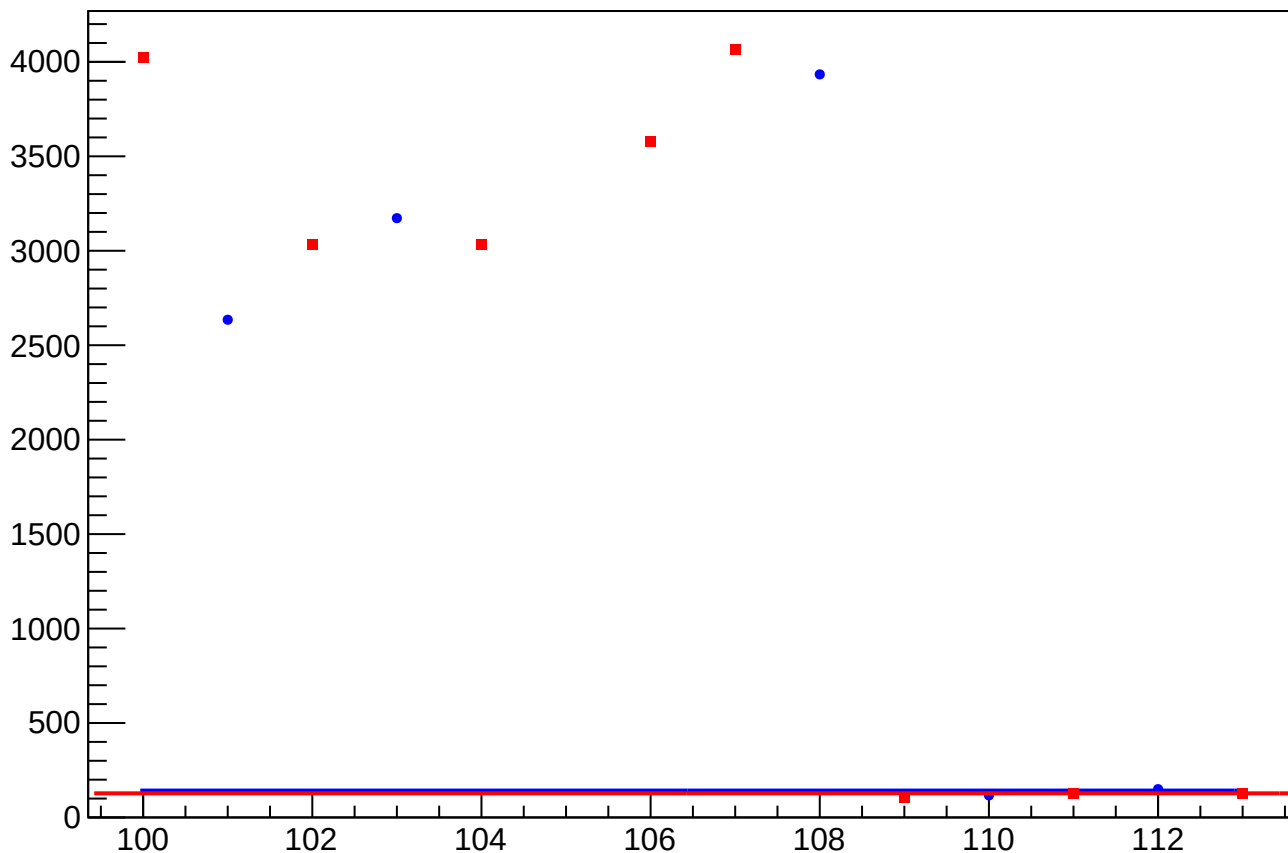
Right: 35.316+/-89.284 χ^2/NDF : 13.6/12

In: 79.770+/-144.509 χ^2/NDF : 5.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.316+/-89.284 χ^2/NDF : 13.6/12

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: 127.765+/-0.080 χ^2/NDF : 3335604.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

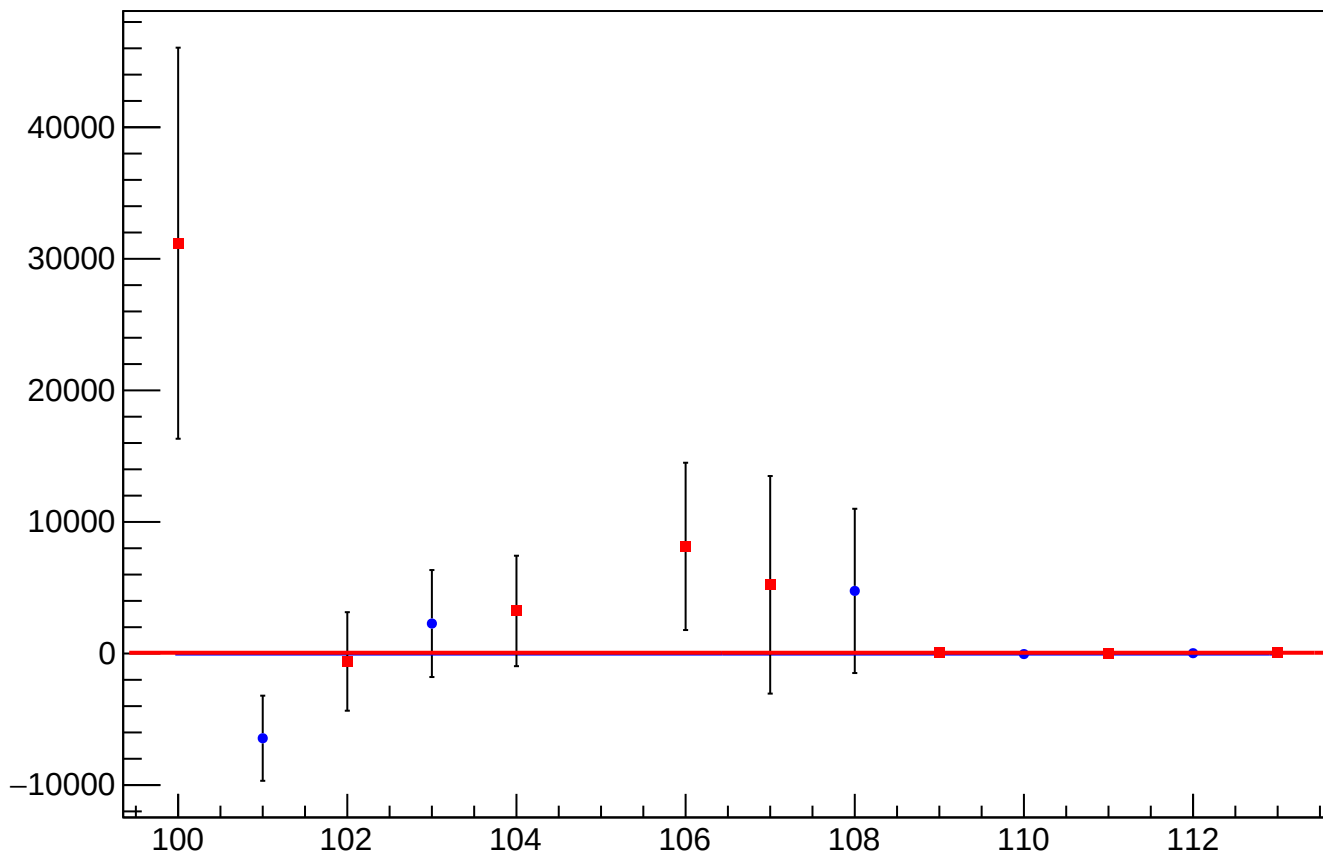
Right: 133.314+/-0.063 χ^2/NDF : 6393937.1/12

In: 142.301+/-0.102 χ^2/NDF : 3045820.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.314+/-0.063 χ^2/NDF : 6393937.1/12

asym_bcm_cav4cQ_an_ds_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: 57.599+/-24.530 χ^2/NDF : 9.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

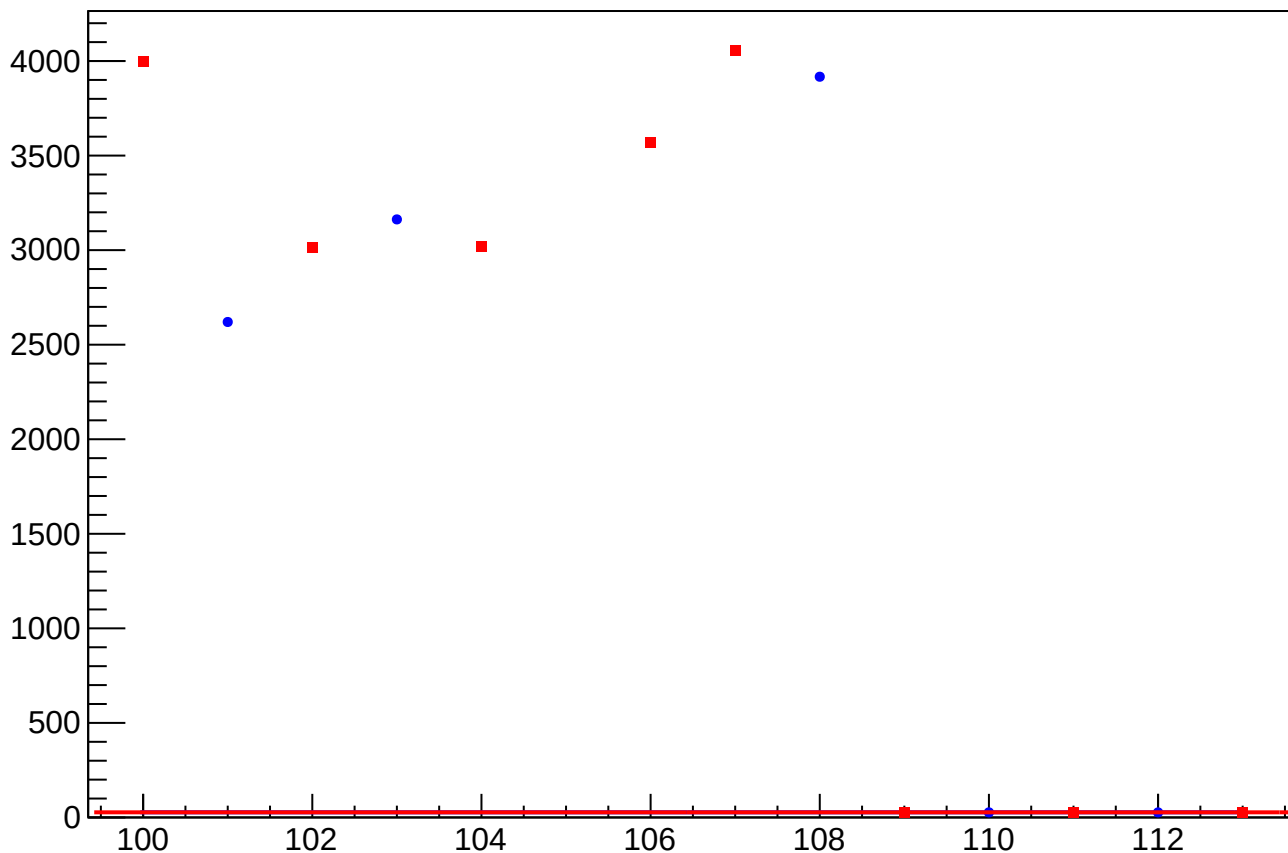
Right: 31.216+/-18.636 χ^2/NDF : 18.7/12

In: -4.797+/-28.659 χ^2/NDF : 6.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.216+/-18.636 χ^2/NDF : 18.7/12

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: 27.126+/-0.017 χ^2/NDF : 3531221.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

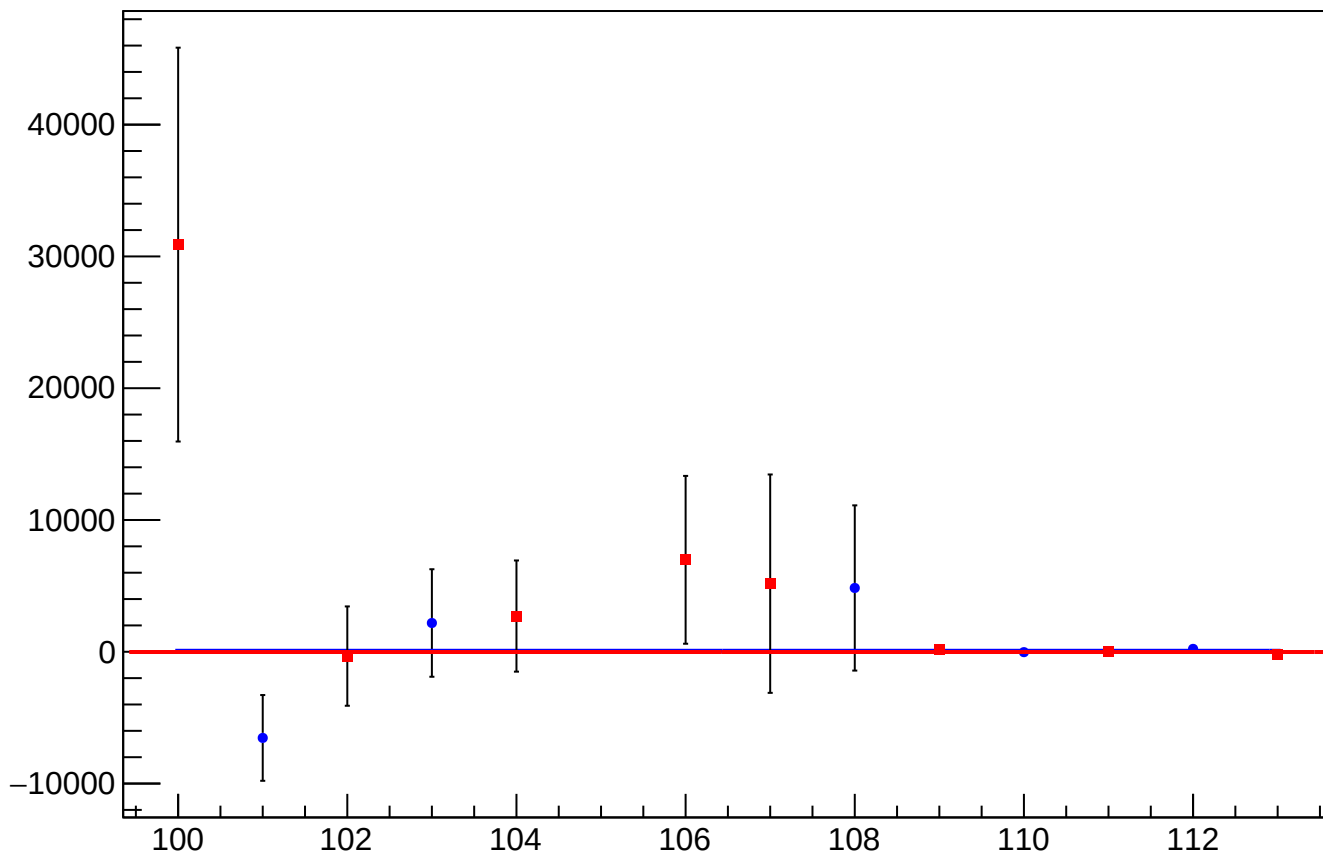
Right: 27.180+/-0.013 χ^2/NDF : 6781867.7/12

In: 27.255+/-0.020 χ^2/NDF : 3250623.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.180+/-0.013 χ^2/NDF : 6781867.7/12

asym_bcm_cav4cQ_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: 74.662+/-145.607 χ^2/NDF : 5.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.300+/-114.535 χ^2/NDF : 8.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

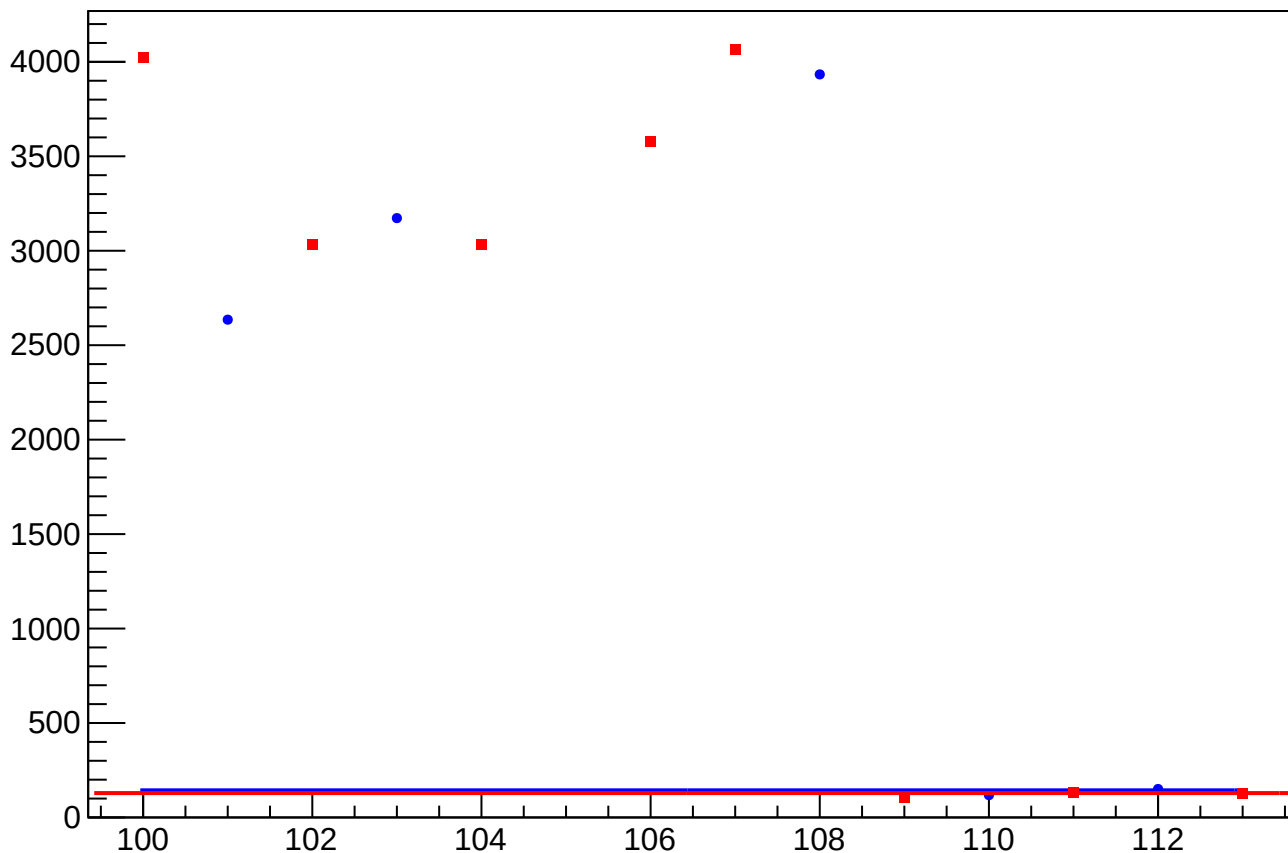
Right: 17.851+/-90.022 χ^2/NDF : 13.9/12

In: 74.662+/-145.607 χ^2/NDF : 5.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.851+/-90.022 χ^2/NDF : 13.9/12

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: 129.032+/-0.081 χ^2/NDF : 3332204.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

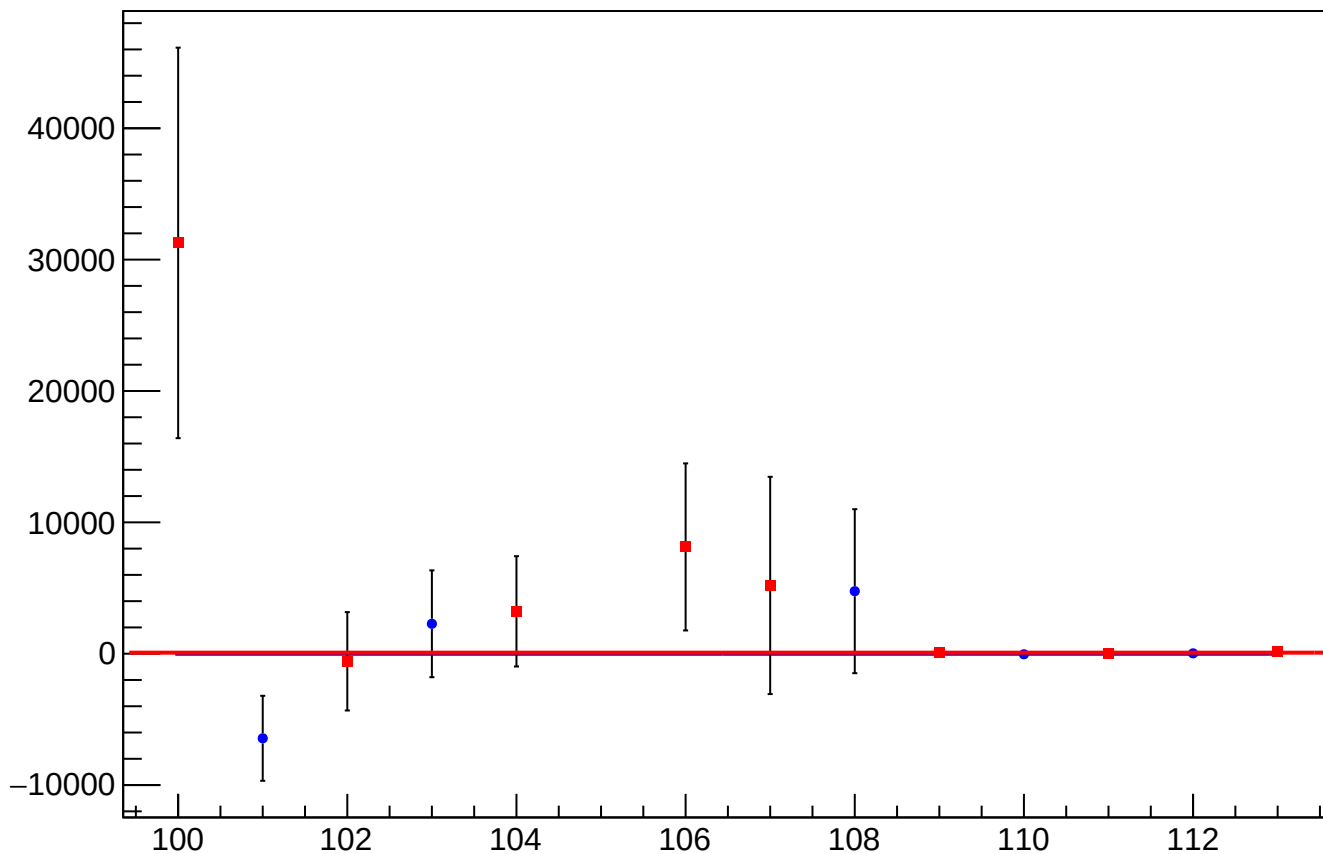
Right: 134.581+/-0.064 χ^2/NDF : 6386740.4/12

In: 143.550+/-0.103 χ^2/NDF : 3042252.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.581+/-0.064 χ^2/NDF : 6386740.4/12

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: 79.958+/-28.510 χ^2/NDF : 10.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

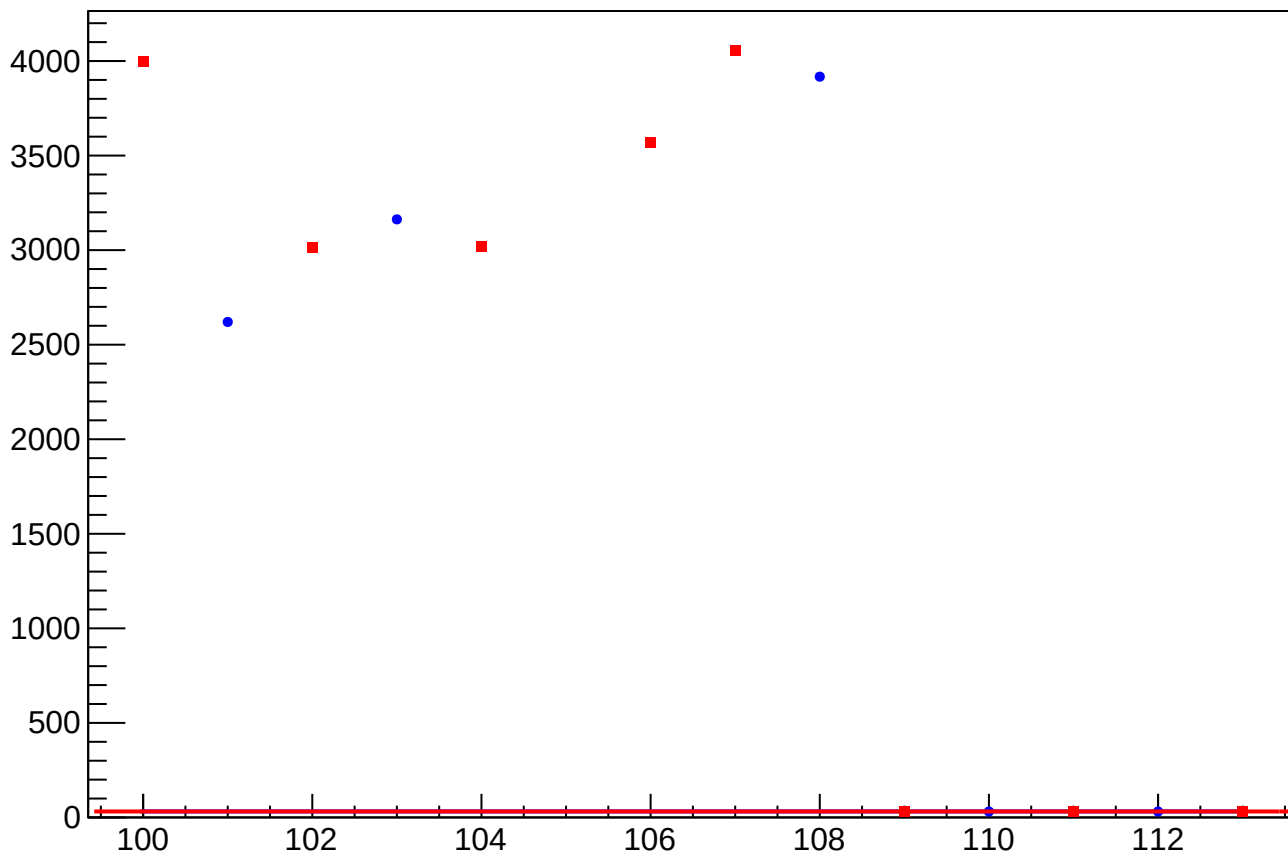
Right: 44.972+/-21.723 χ^2/NDF : 19.6/12

In: -3.455+/-33.542 χ^2/NDF : 6.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.972+/-21.723 χ^2/NDF : 19.6/12

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: 31.606+/-0.020 χ^2/NDF : 3521659.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

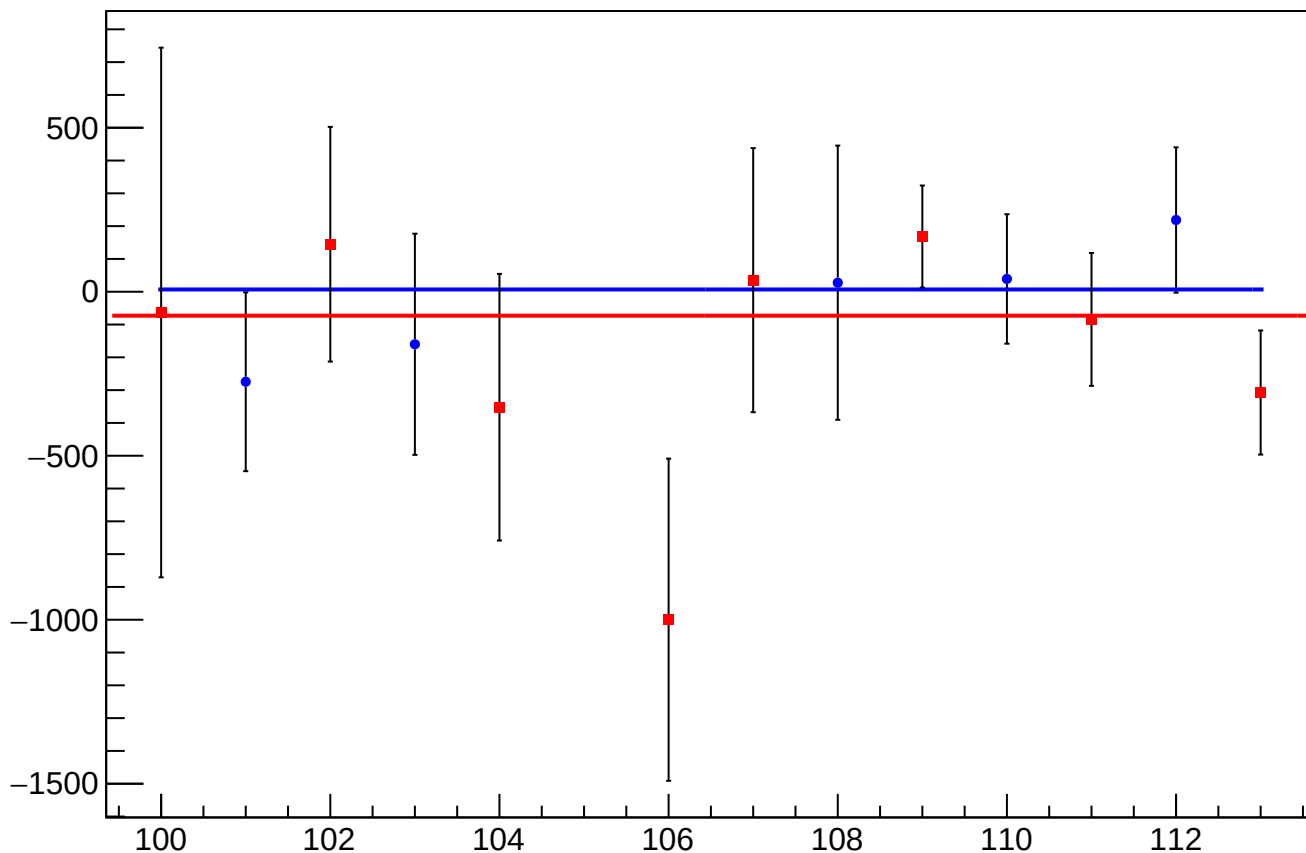
Right: 31.773+/-0.015 χ^2/NDF : 6762422.8/12

In: 32.003+/-0.024 χ^2/NDF : 3240601.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.773+/-0.015 χ^2/NDF : 6762422.8/12

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: -72.973+/-91.519 χ^2/NDF : 8.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

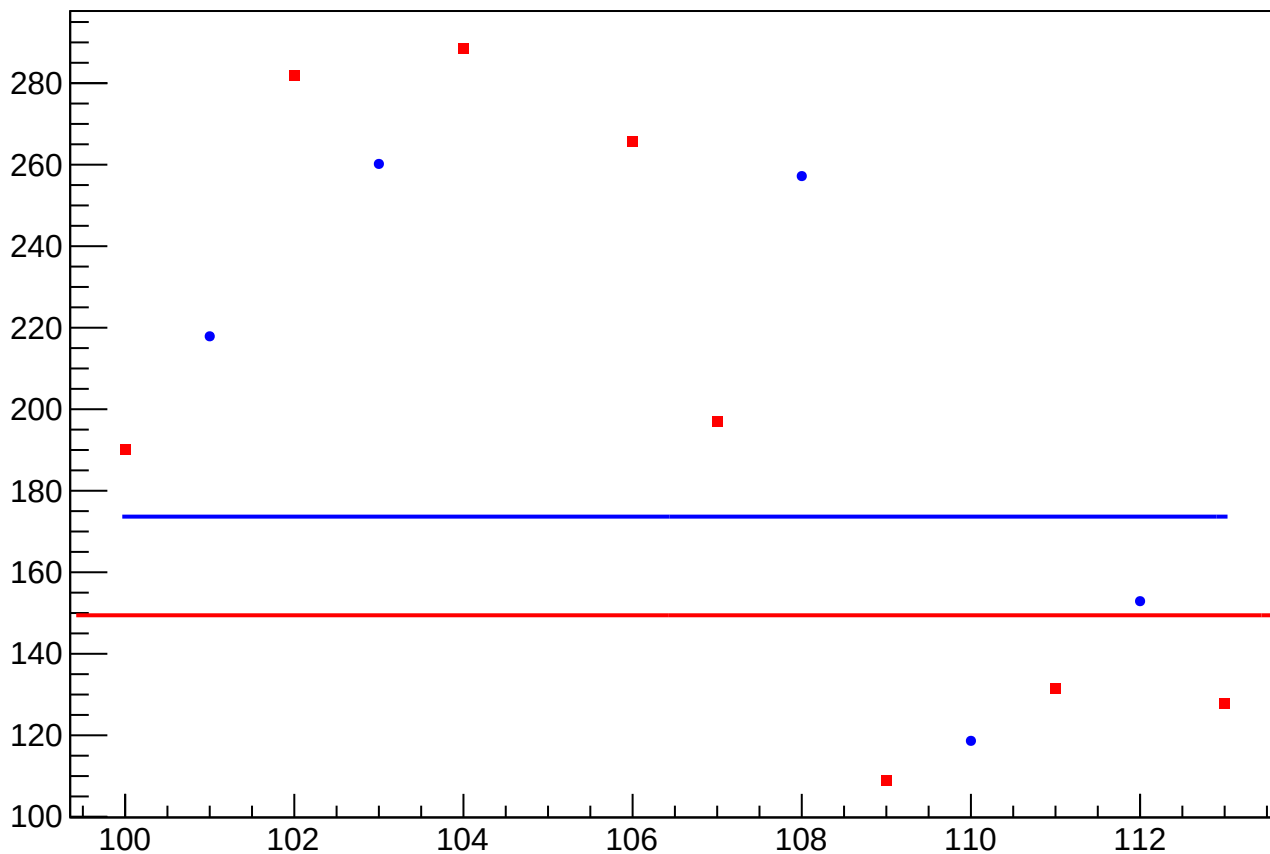
Right: -42.395+/-71.903 χ^2/NDF : 11.0/12

In: 6.920+/-116.225 χ^2/NDF : 2.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.395+/-71.903 χ^2/NDF : 11.0/12

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: 149.447+/-0.065 χ^2/NDF : 829649.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

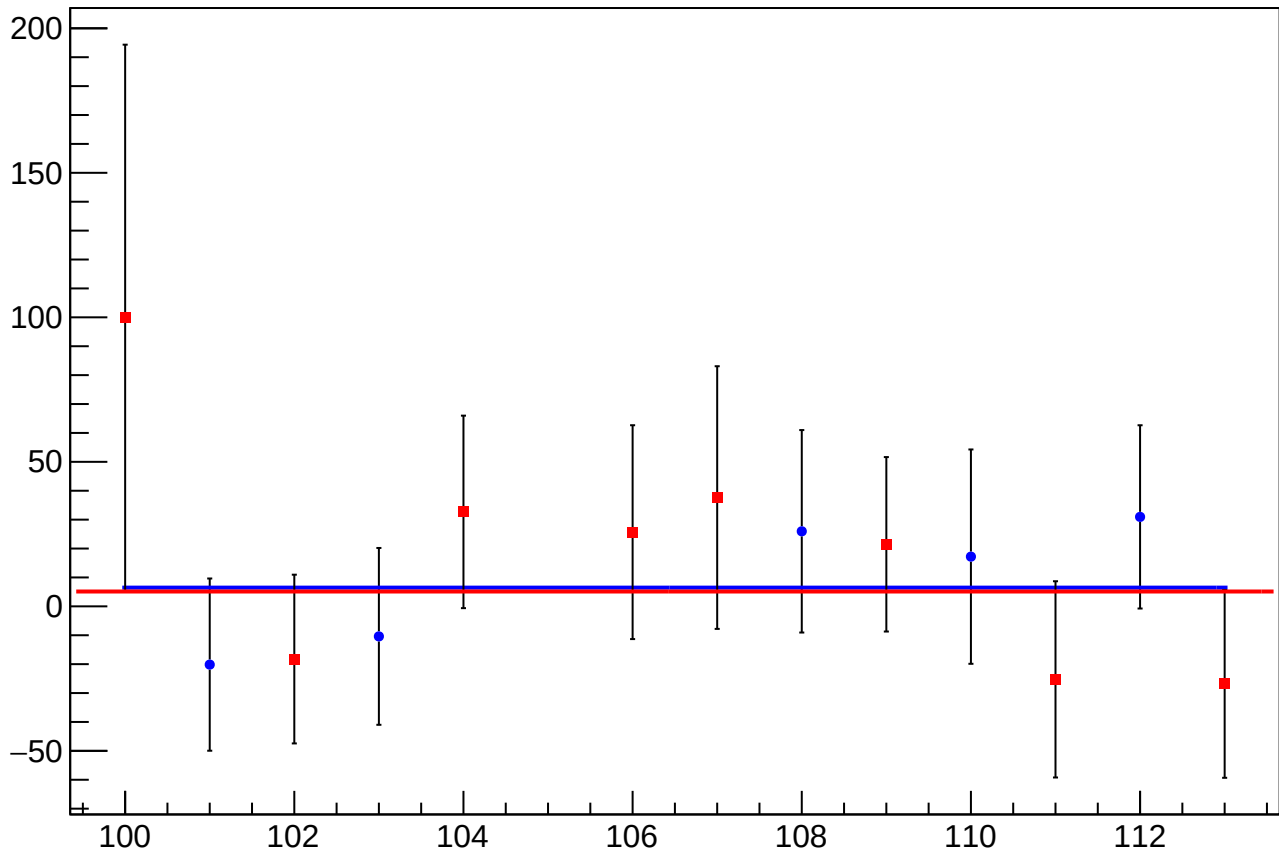
Right: 158.712+/-0.051 χ^2/NDF : 1320465.4/12

In: 173.654+/-0.082 χ^2/NDF : 437263.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.712+/-0.051 χ^2/NDF : 1320465.4/12

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: 5.134+/-12.584 χ^2/NDF : 5.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

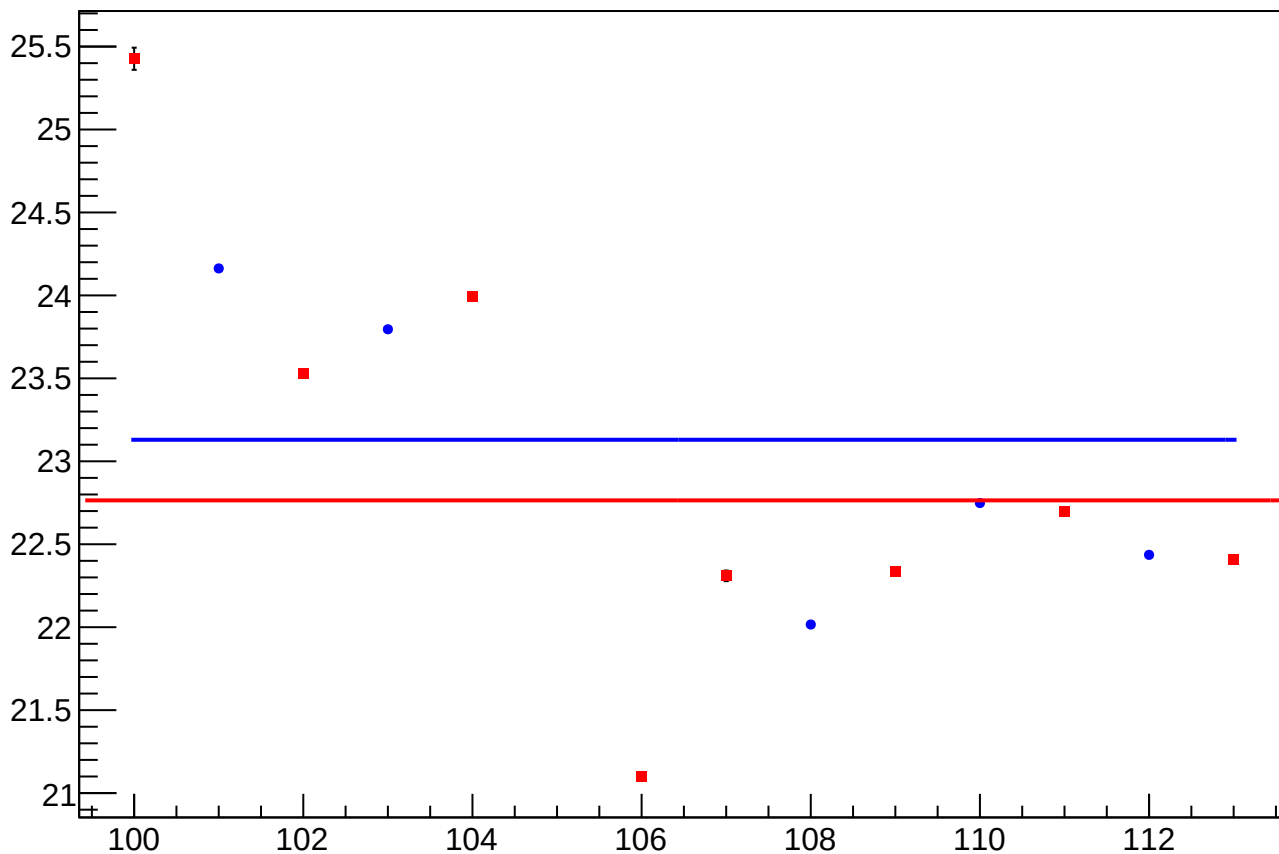
Right: 5.709+/-9.514 χ^2/NDF : 7.3/12

In: 6.477+/-14.537 χ^2/NDF : 2.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.709+/-9.514 χ^2/NDF : 7.3/12

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: 22.765+/-0.009 χ^2/NDF : 10582.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

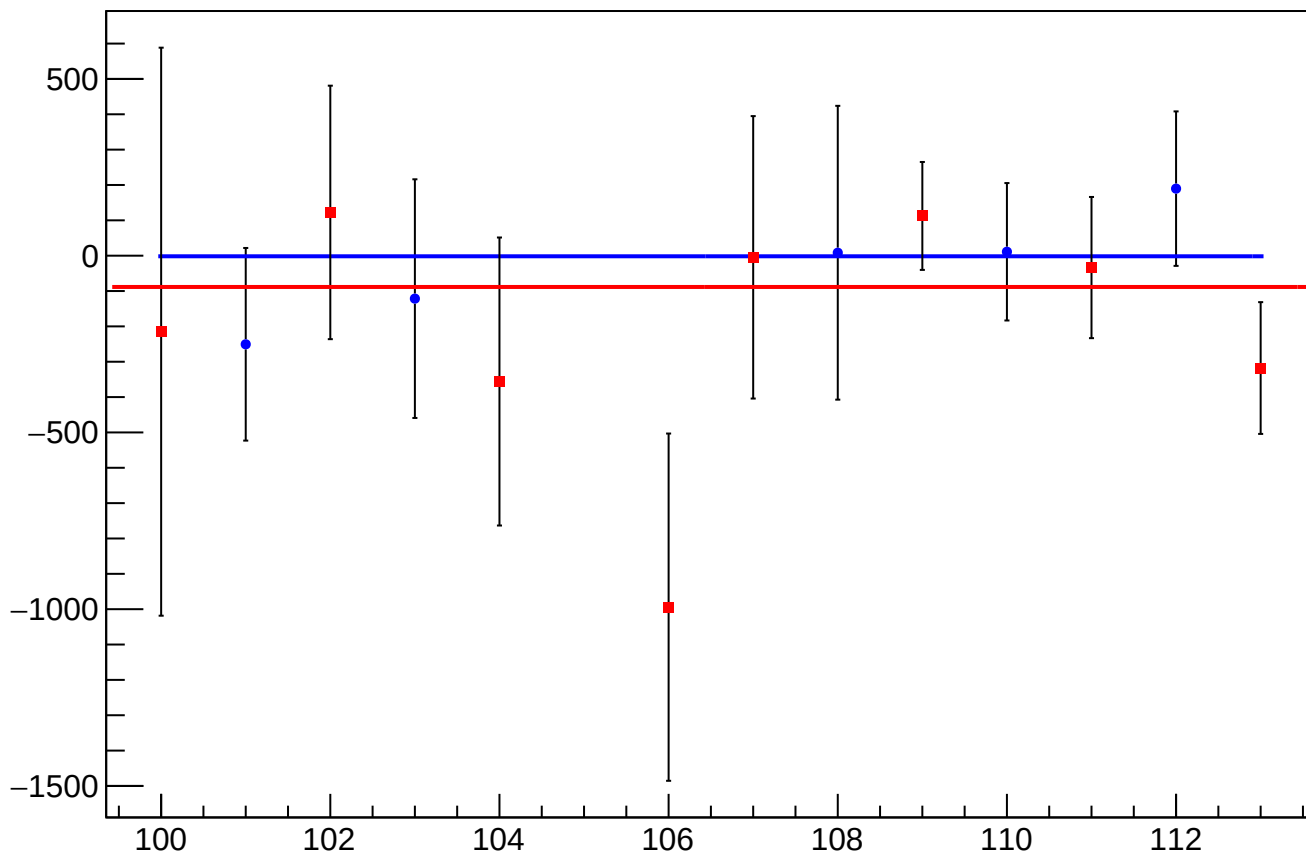
Right: 22.921+/-0.007 χ^2/NDF : 17847.0/12

In: 23.130+/-0.010 χ^2/NDF : 6542.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.921+/-0.007 χ^2/NDF : 17847.0/12

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: -88.493+/-90.338 χ^2/NDF : 7.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

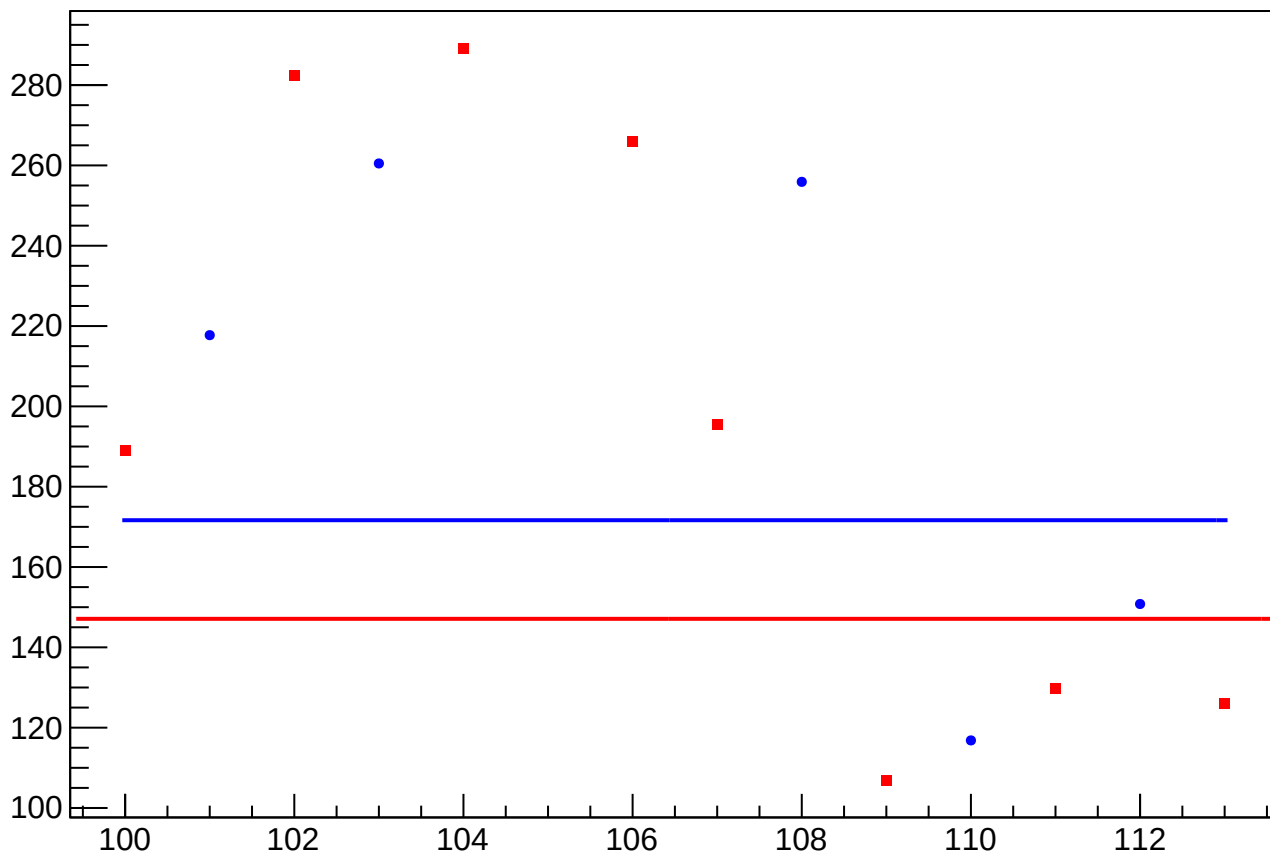
Right: -55.420+/-71.069 χ^2/NDF : 9.7/12

In: -1.708+/-115.124 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.420+/-71.069 χ^2/NDF : 9.7/12

asym_bcm_dg_ds_an_us_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: 147.100+/-0.064 χ^2/NDF : 858961.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

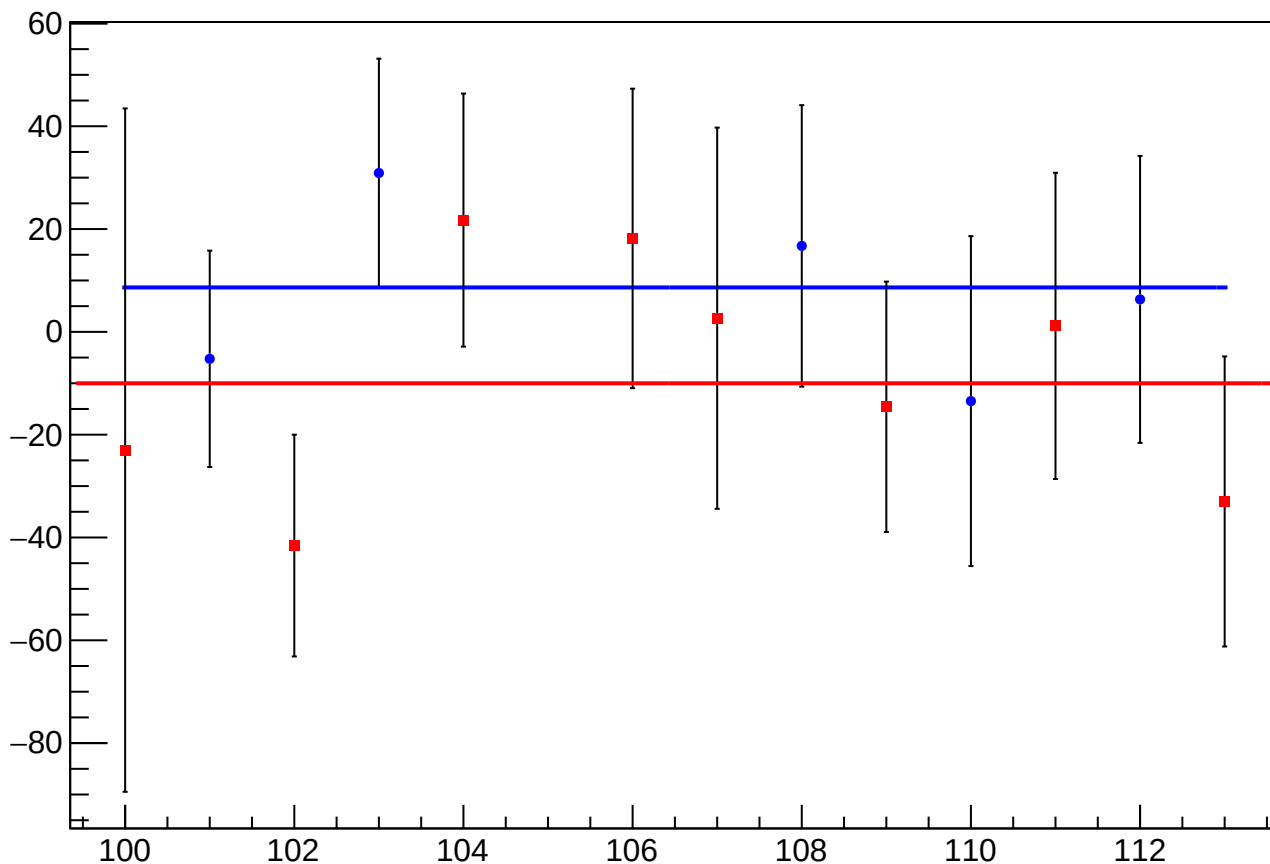
Right: 156.457+/-0.050 χ^2/NDF : 1370568.3/12

In: 171.654+/-0.081 χ^2/NDF : 455297.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.457+/-0.050 χ^2/NDF : 1370568.3/12

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: -10.002+/-9.999 χ^2/NDF : 5.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

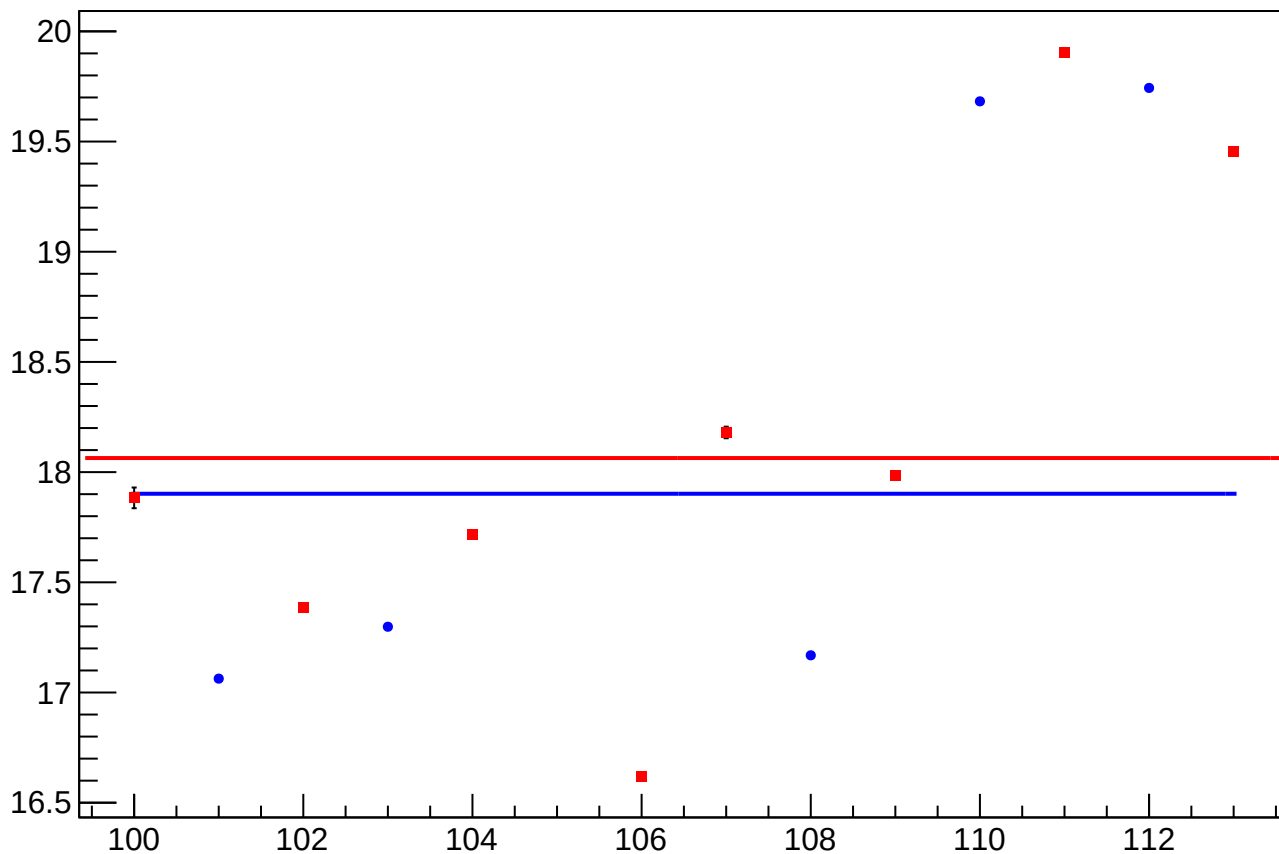
Right: -1.794+/-7.481 χ^2/NDF : 9.3/12

In: 8.639+/-11.274 χ^2/NDF : 2.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.794+/-7.481 χ^2/NDF : 9.3/12

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: 18.064 $\pm$ 0.007 χ^2 /NDF: 19861.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

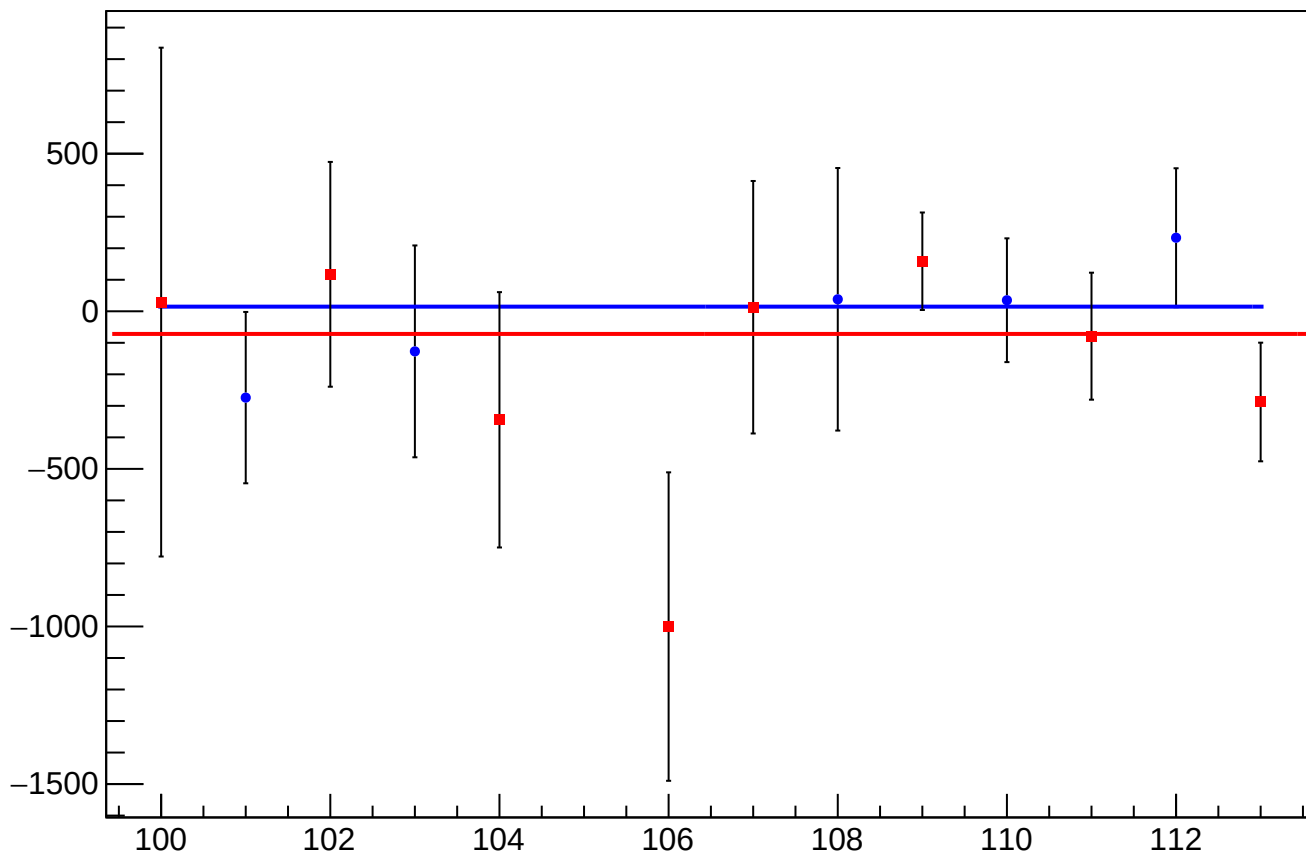
Right: 17.993 $\pm$ 0.005 χ^2 /NDF: 41037.8/12

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: 17.993 $\pm$ 0.005 χ^2 /NDF: 41037.8/12

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: -71.855+/-91.072 χ^2/NDF : 7.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

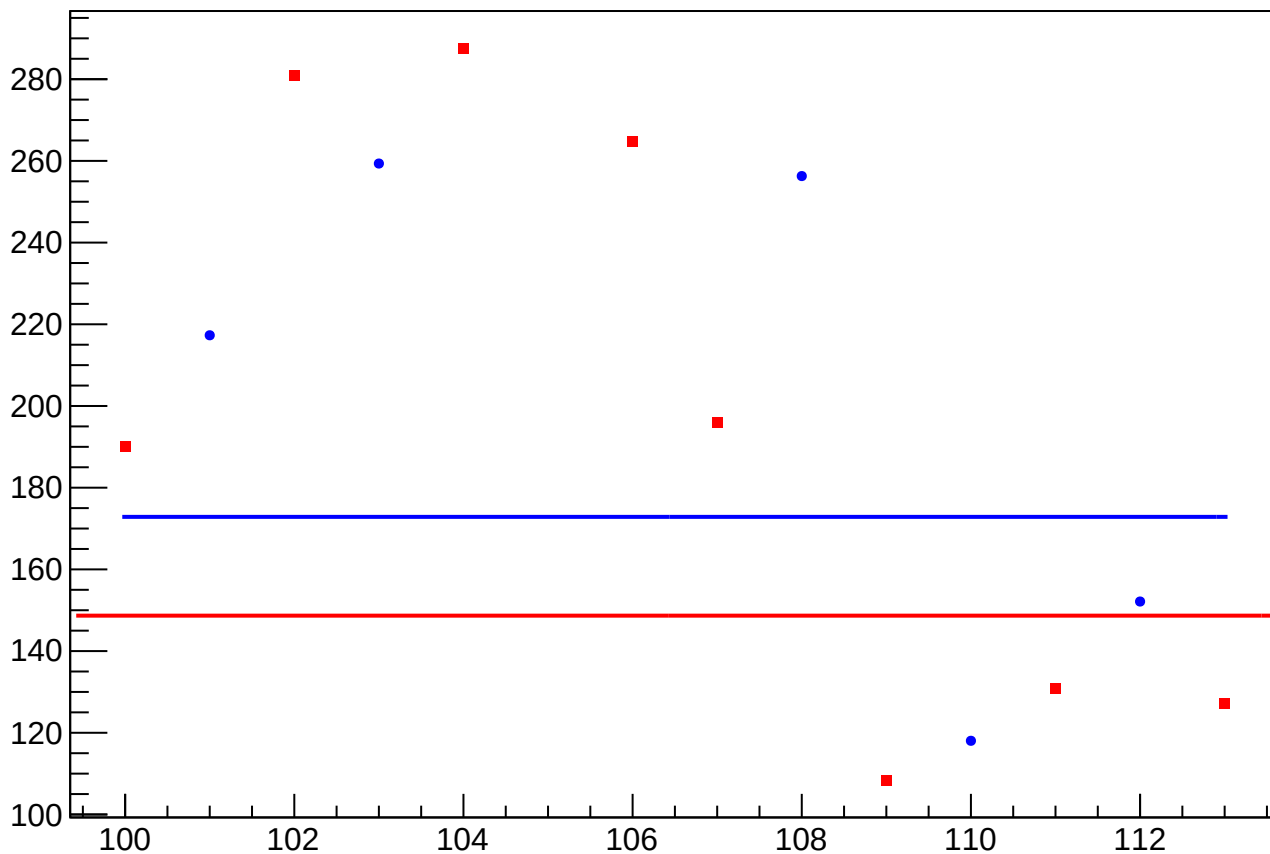
Right: -38.740+/-71.567 χ^2/NDF : 10.6/12

In: 14.727+/-115.722 χ^2/NDF : 2.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.740+/-71.567 χ^2/NDF : 10.6/12

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: 148.675+/-0.064 χ^2/NDF : 832666.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

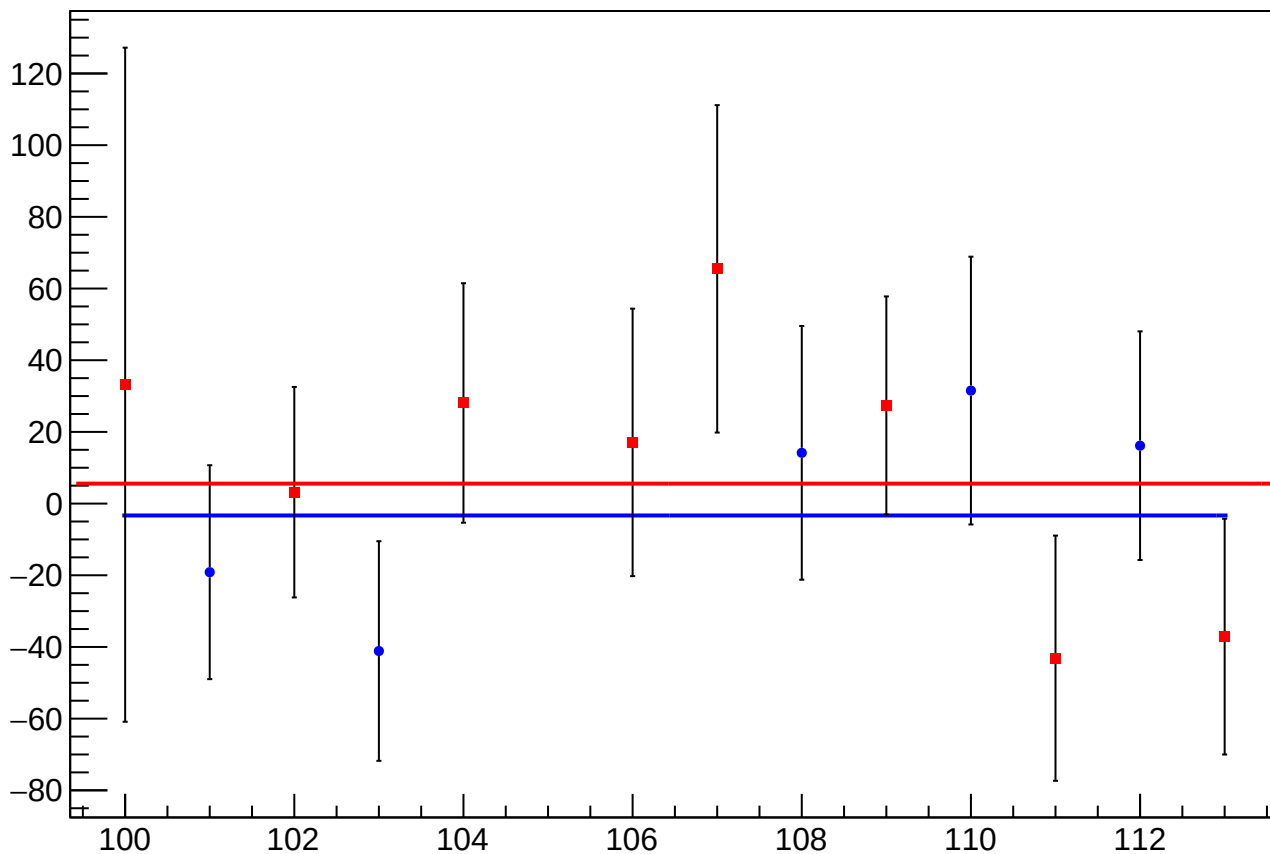
Right: 157.924+/-0.051 χ^2/NDF : 1326378.8/12

In: 172.857+/-0.082 χ^2/NDF : 439780.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.924+/-0.051 χ^2/NDF : 1326378.8/12

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: 5.568+/-12.674 χ^2/NDF : 6.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

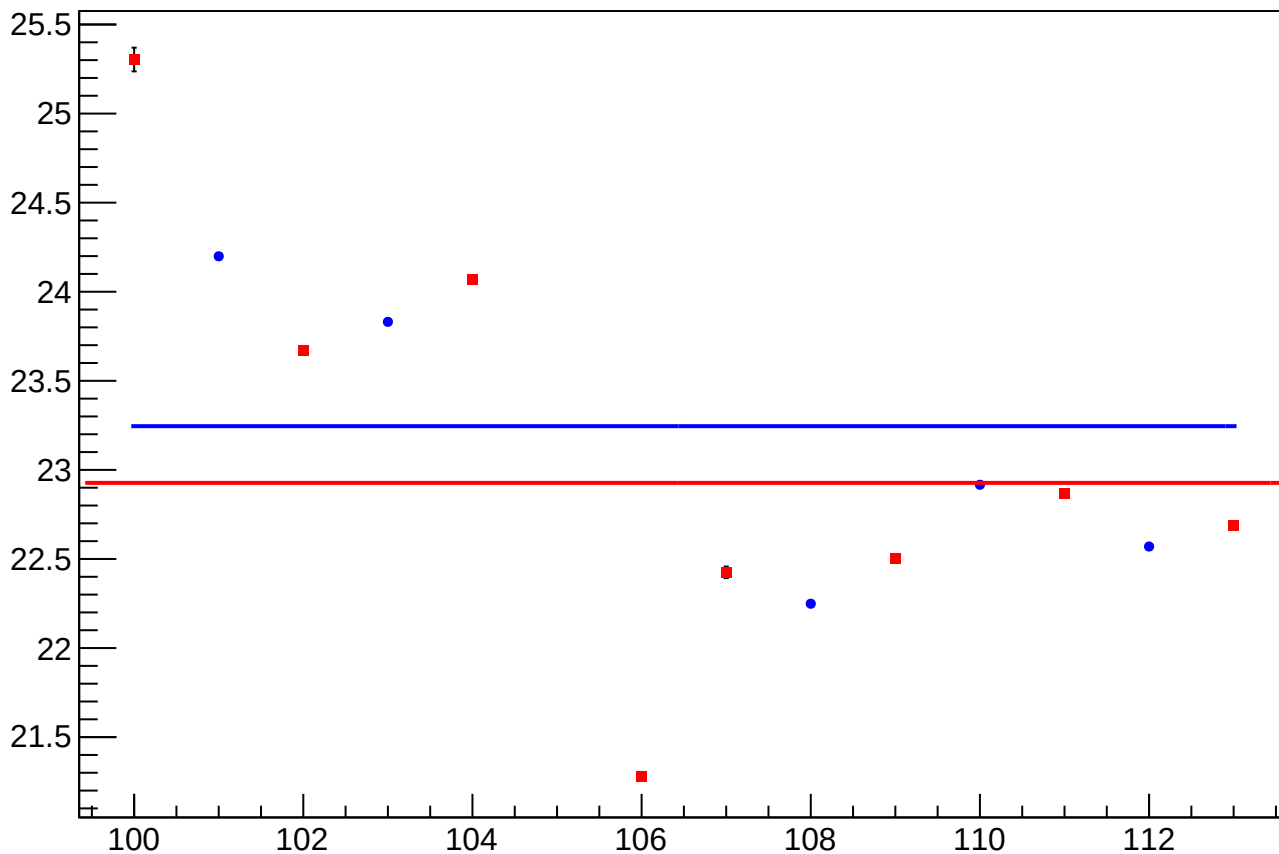
Right: 1.752+/-9.573 χ^2/NDF : 10.1/12

In: -3.318+/-14.609 χ^2/NDF : 3.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.752+/-9.573 χ^2/NDF : 10.1/12

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: 22.927+/-0.009 χ^2/NDF : 9521.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

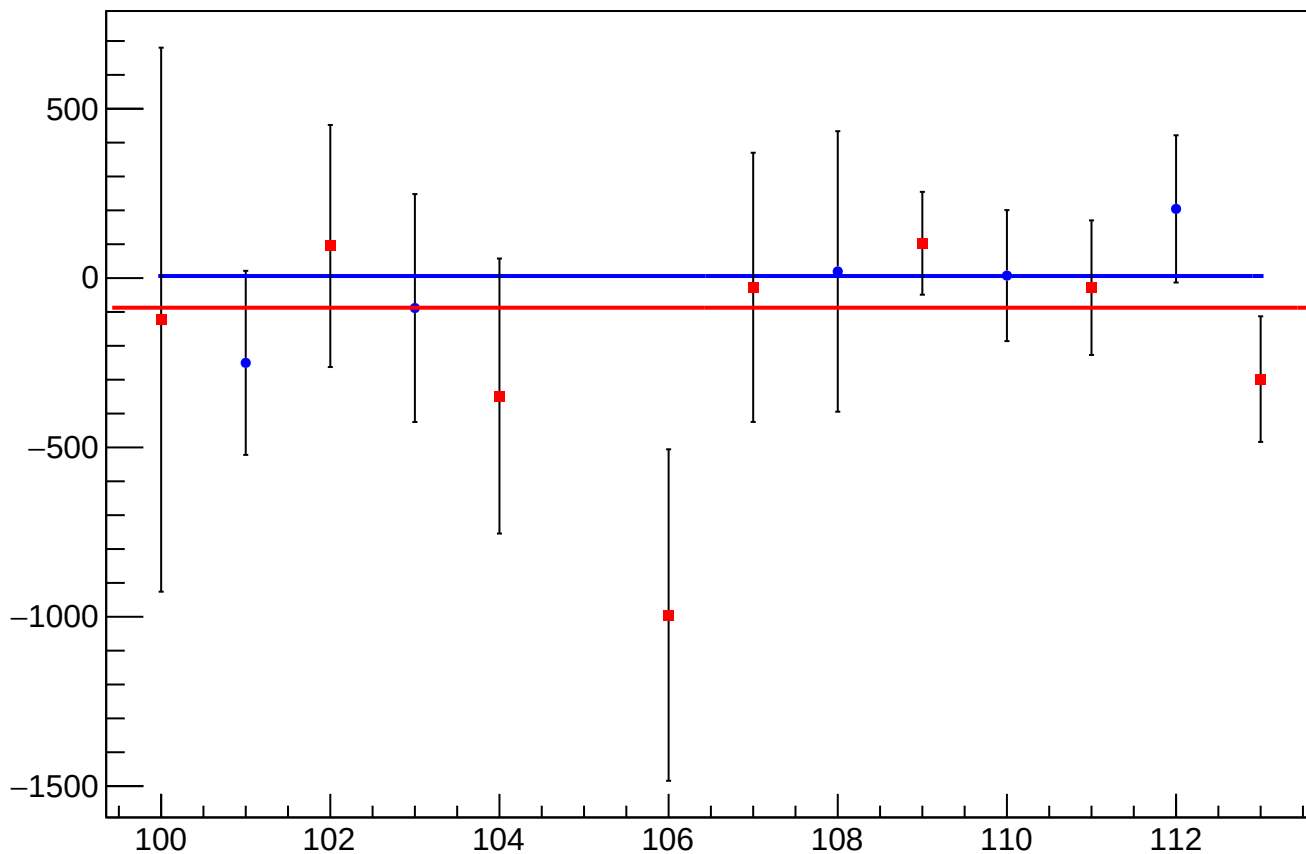
Right: 23.064+/-0.007 χ^2/NDF : 15472.8/12

In: 23.245+/-0.010 χ^2/NDF : 5409.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.064+/-0.007 χ^2/NDF : 15472.8/12

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: -87.426+/-89.890 χ^2/NDF : 7.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

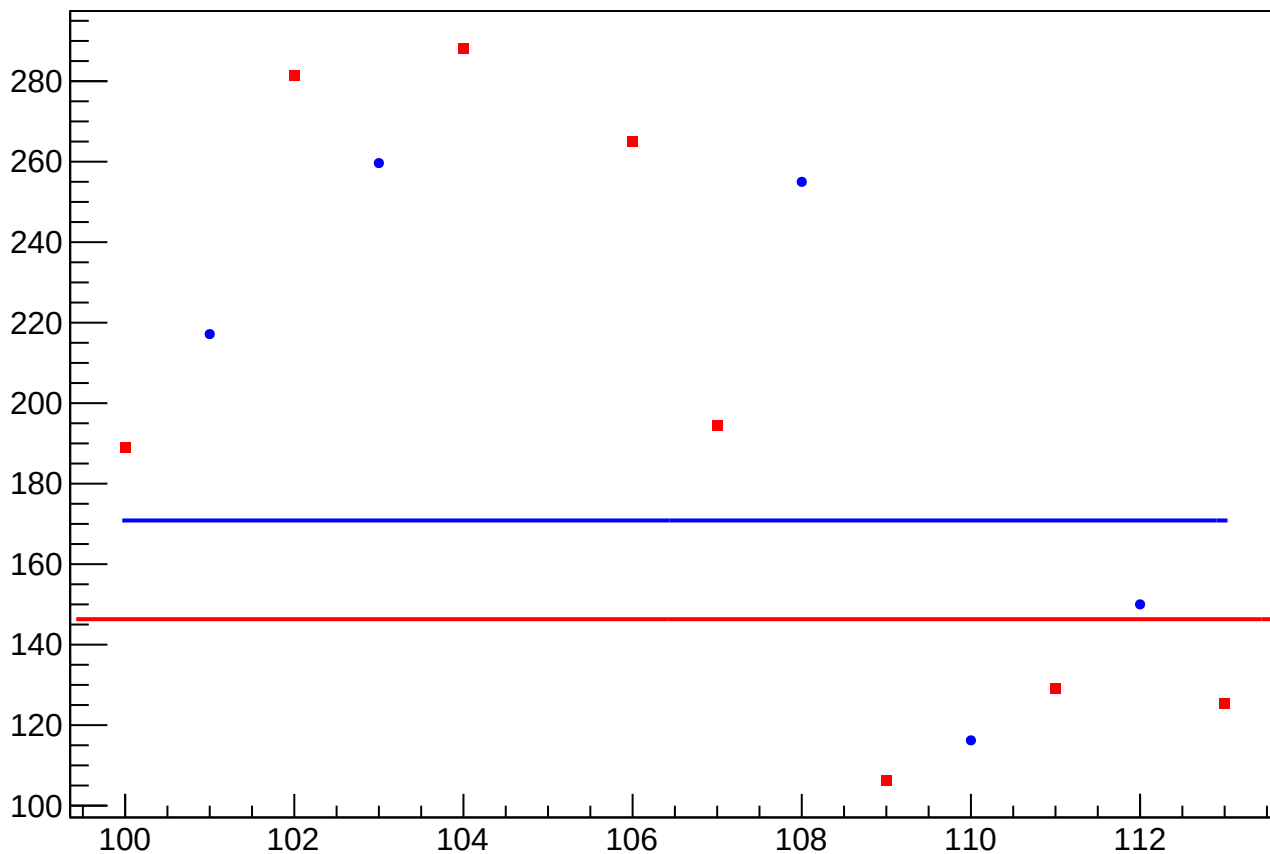
Right: -51.806+/-70.732 χ^2/NDF : 9.3/12

In: 6.110+/-114.620 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -51.806+/-70.732 χ^2/NDF : 9.3/12

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: 146.325+/-0.064 χ^2/NDF : 862166.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

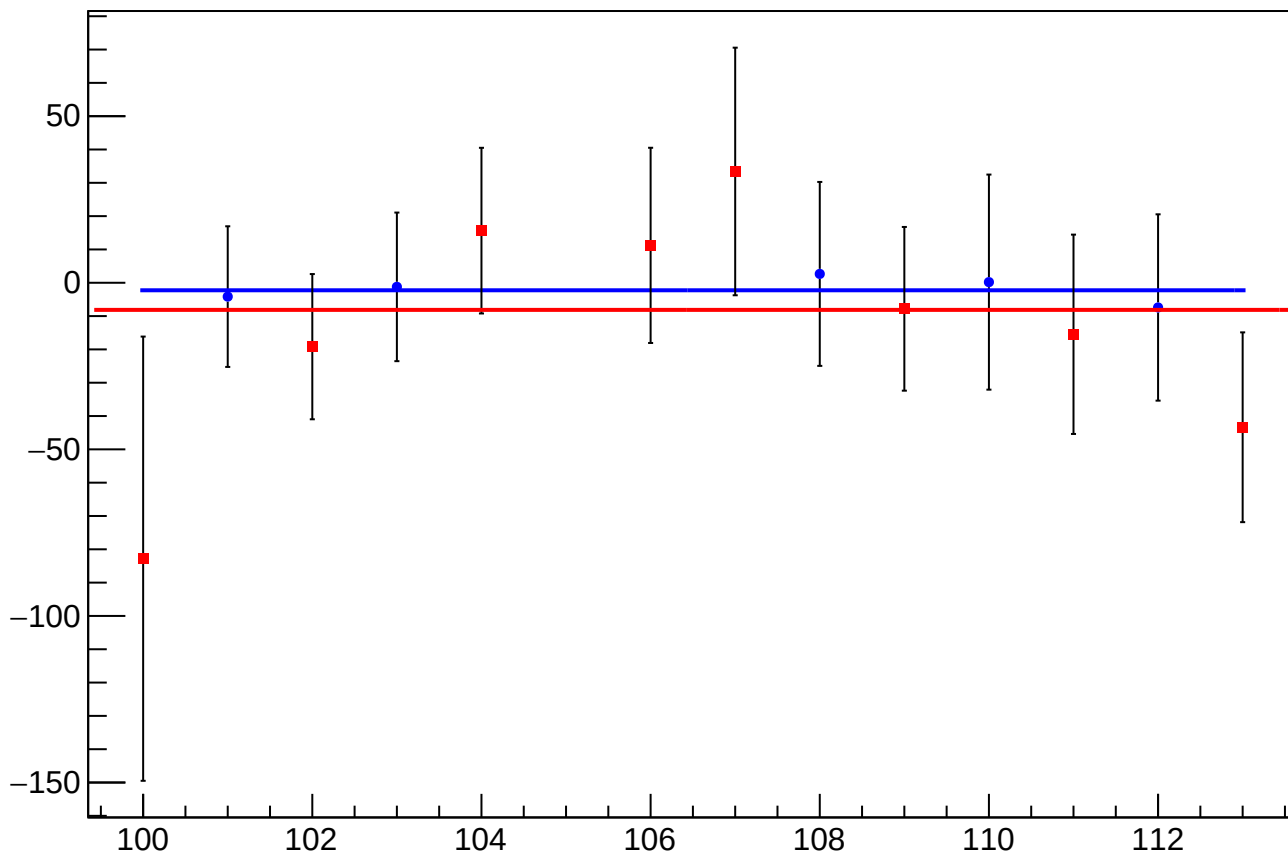
Right: 155.667+/-0.050 χ^2/NDF : 1376846.9/12

In: 170.854+/-0.081 χ^2/NDF : 457966.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.667+/-0.050 χ^2/NDF : 1376846.9/12

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: -8.139+/-10.079 χ^2/NDF : 5.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

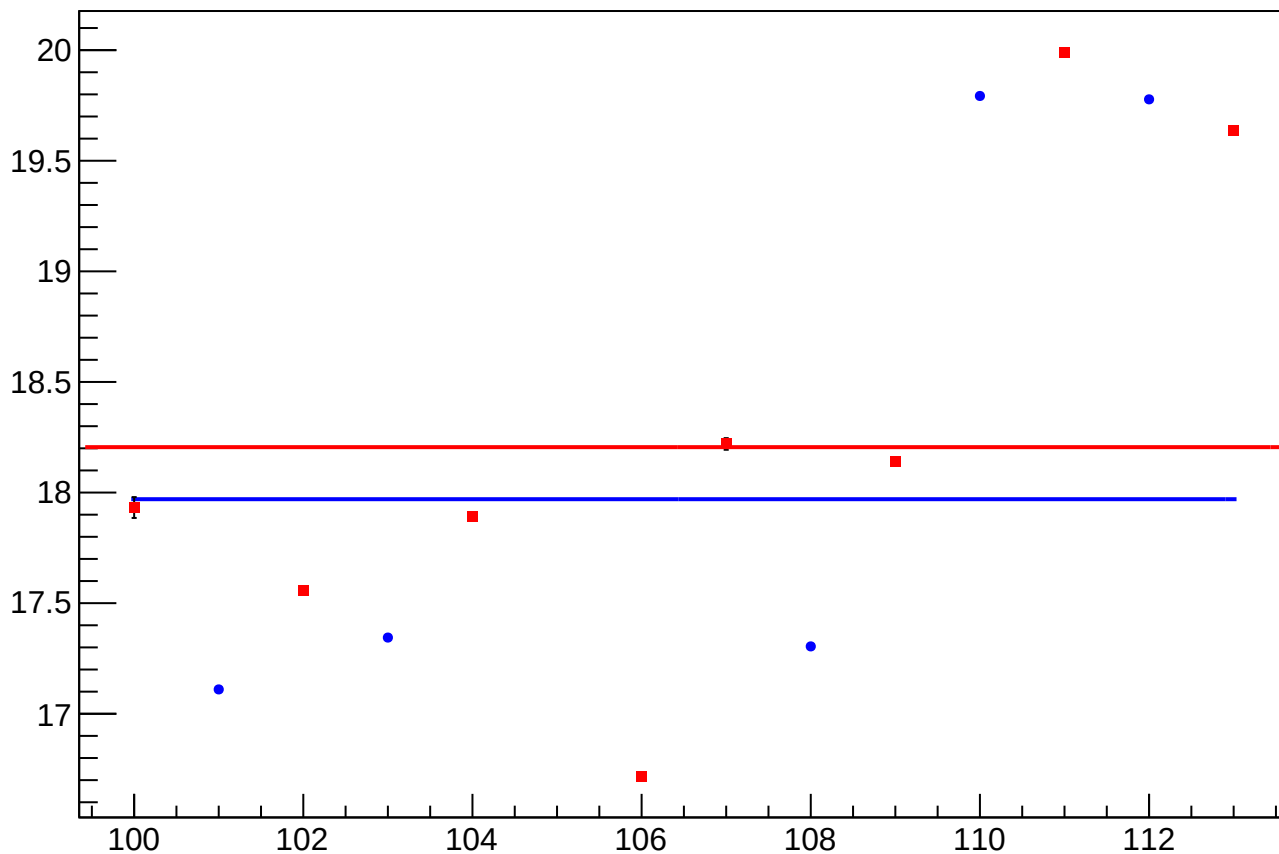
Right: -5.537+/-7.527 χ^2/NDF : 5.9/12

In: -2.255+/-11.318 χ^2/NDF : 0.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.537+/-7.527 χ^2/NDF : 5.9/12

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: 18.205+/-0.007 χ^2/NDF : 19470.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

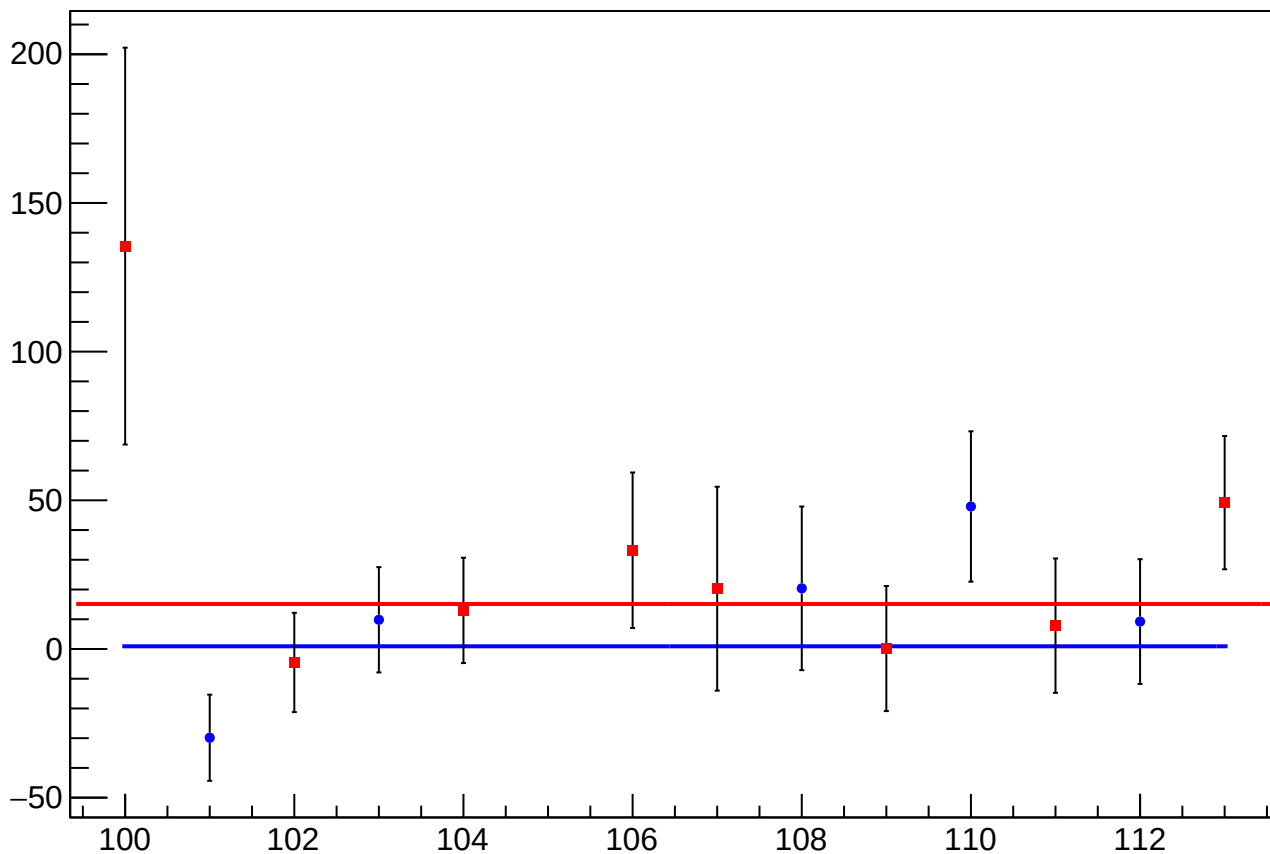
Right: 18.101+/-0.005 χ^2/NDF : 40742.7/12

In: 17.970+/-0.008 χ^2/NDF : 20790.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.101+/-0.005 χ^2/NDF : 40742.7/12

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: 15.138 $\pm$ 8.026 χ^2 /NDF: 8.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

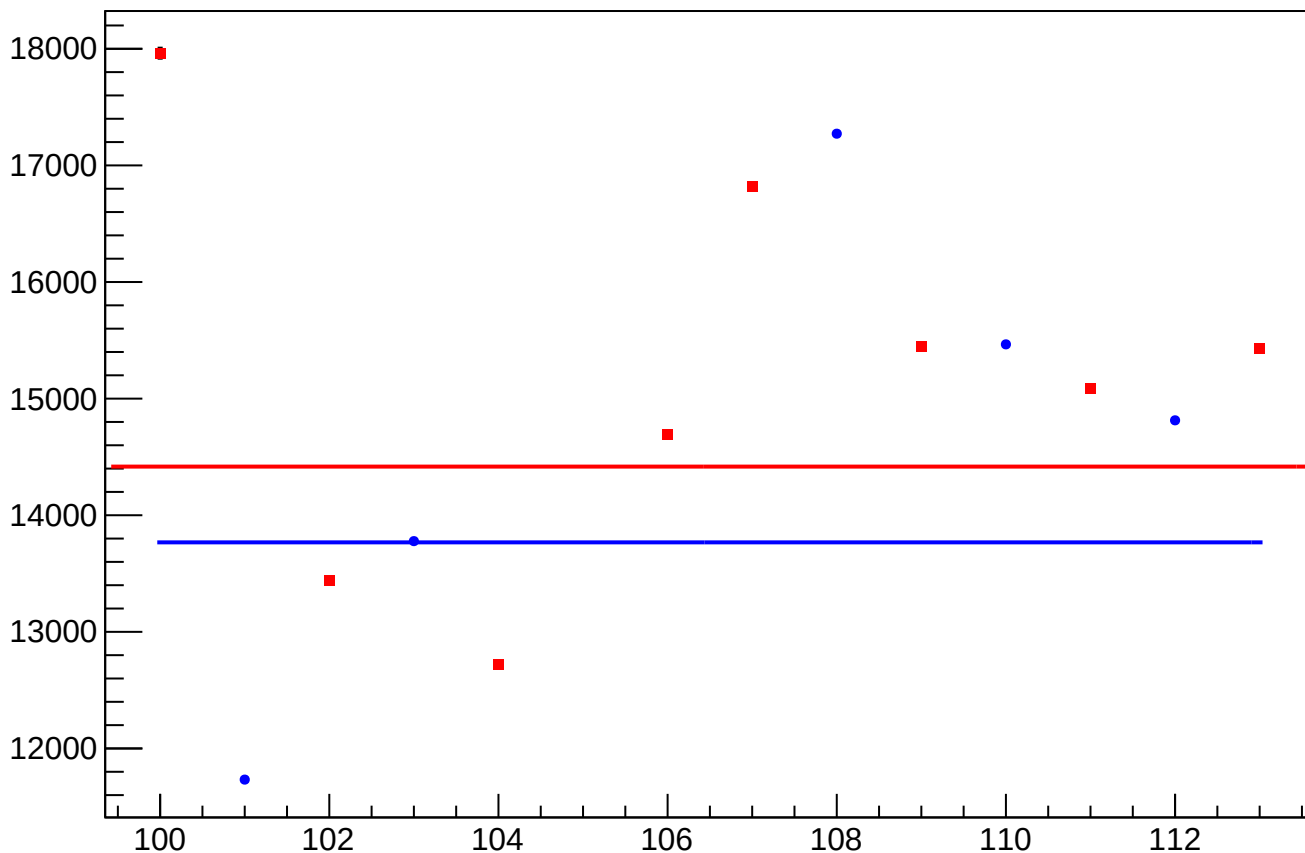
Right: 8.623 $\pm$ 5.910 χ^2 /NDF: 18.4/12

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: 8.623 $\pm$ 5.910 χ^2 /NDF: 18.4/12

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: 14417.153+/-5.675 χ^2/NDF : 51456.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

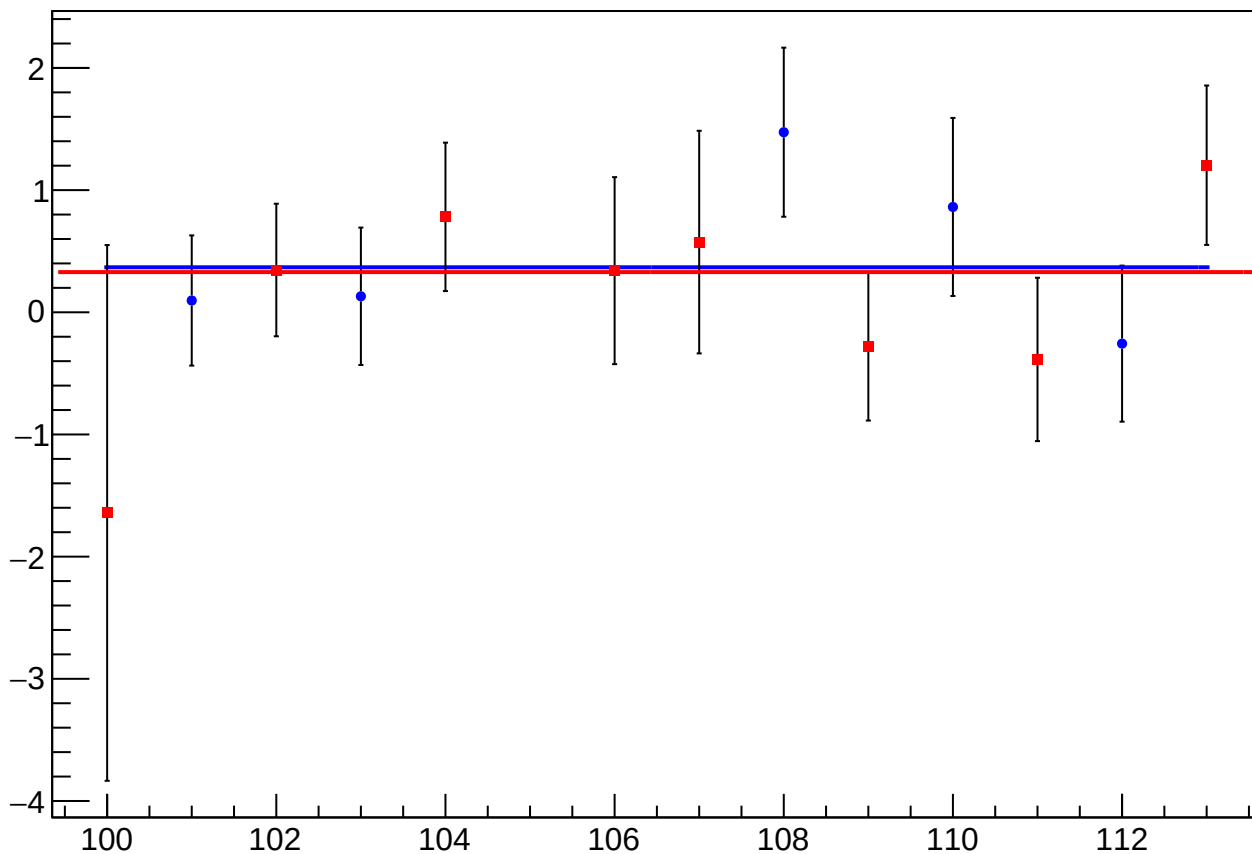
Right: 14119.680+/-4.179 χ^2/NDF : 143335.1/12

In: 13767.419+/-6.176 χ^2/NDF : 85878.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14119.680+/-4.179 χ^2/NDF : 143335.1/12

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: 0.329 $\pm$ 0.246 χ^2 /NDF: 5.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

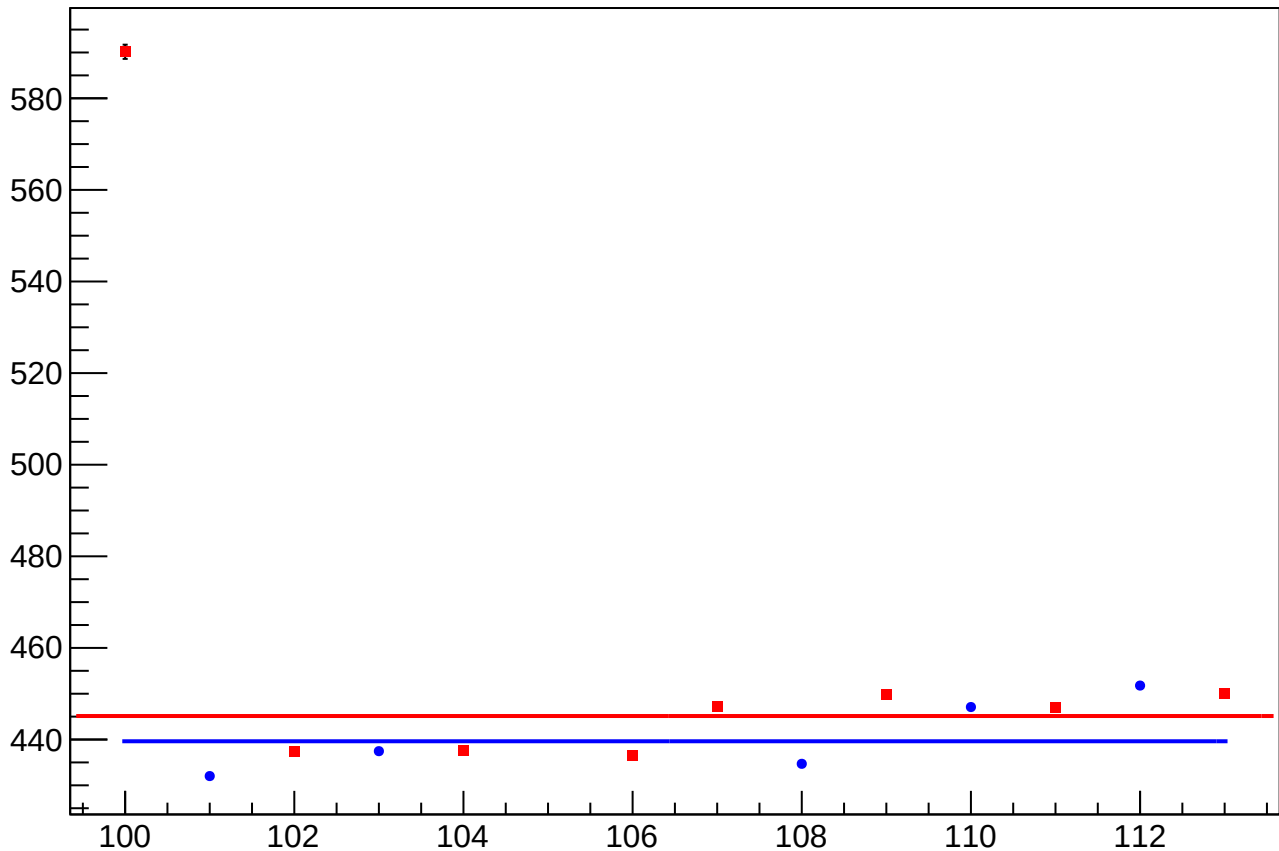
Right: 0.346 $\pm$ 0.184 χ^2 /NDF: 9.8/12

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: 0.346 $\pm$ 0.184 χ^2 /NDF: 9.8/12

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: 445.132+/-0.174 χ^2/NDF : 9965.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

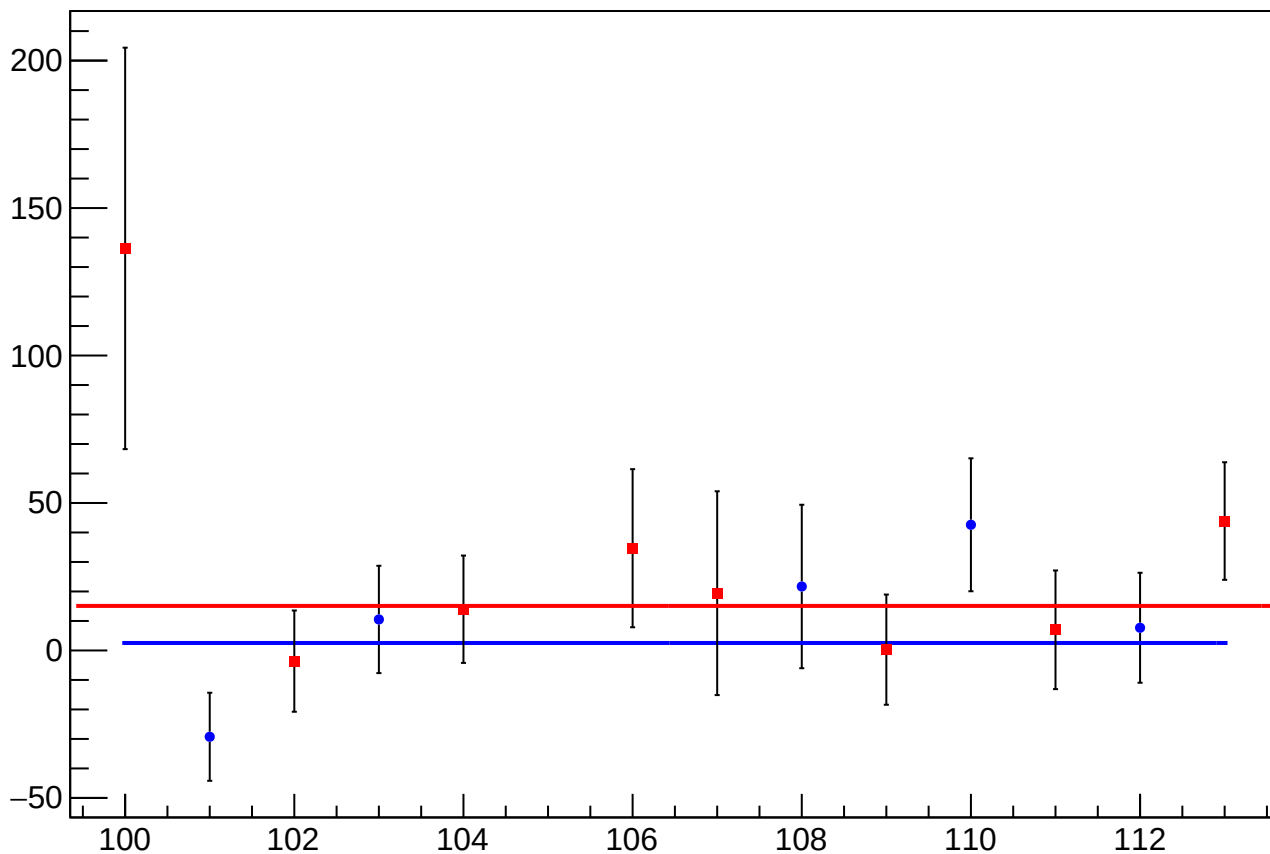
Right: 442.693+/-0.130 χ^2/NDF : 11882.3/12

In: 439.620+/-0.195 χ^2/NDF : 1472.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 442.693+/-0.130 χ^2/NDF : 11882.3/12

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: 15.104+/-7.735 χ^2/NDF : 7.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

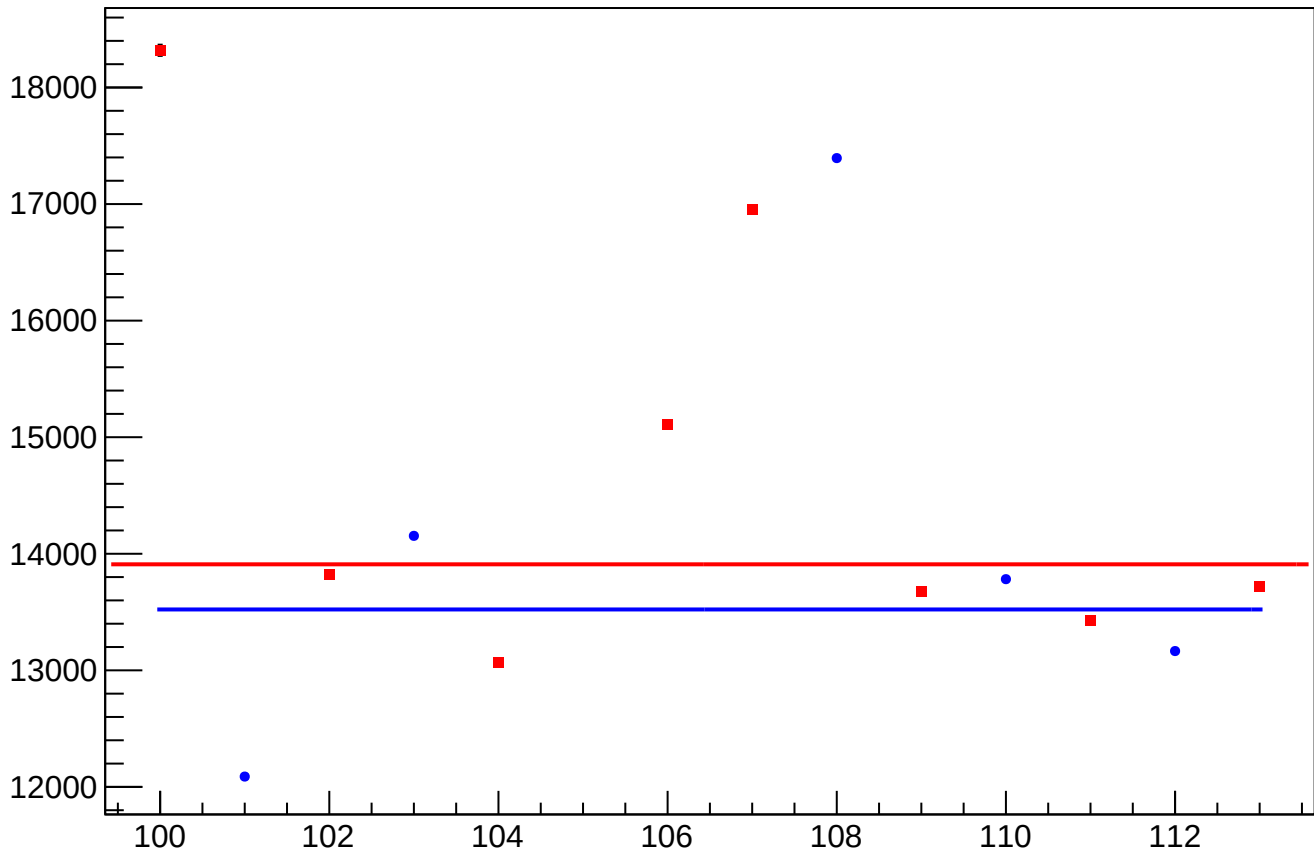
Right: 9.454+/-5.738 χ^2/NDF : 17.4/12

In: 2.539+/-8.557 χ^2/NDF : 8.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.454+/-5.738 χ^2/NDF : 17.4/12

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: 13909.500 $\pm$ 5.469 χ^2 /NDF: 33819.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

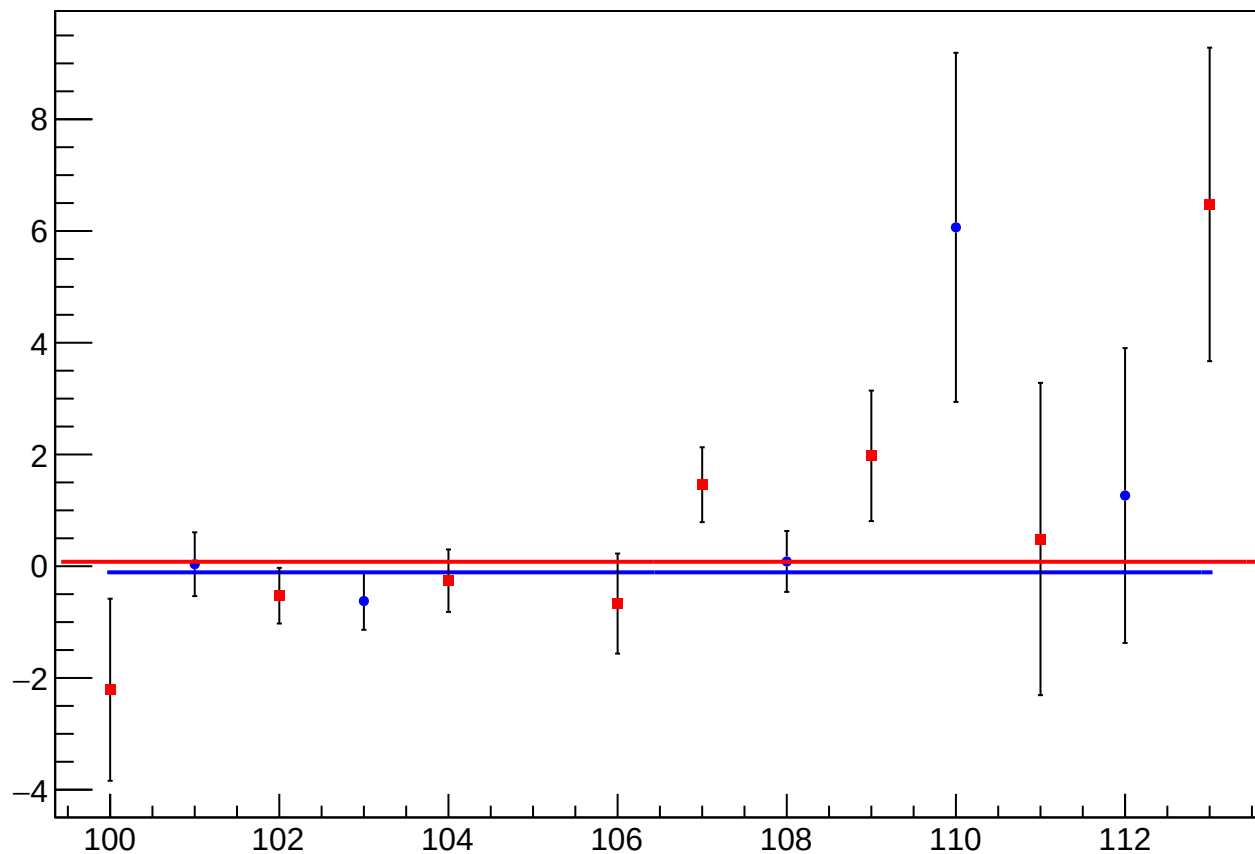
Right: 13735.374 $\pm$ 4.057 χ^2 /NDF: 96976.6/12

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: 13735.374 $\pm$ 4.057 χ^2 /NDF: 96976.6/12

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: 0.080 ± 0.288 χ^2/NDF : 16.6/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

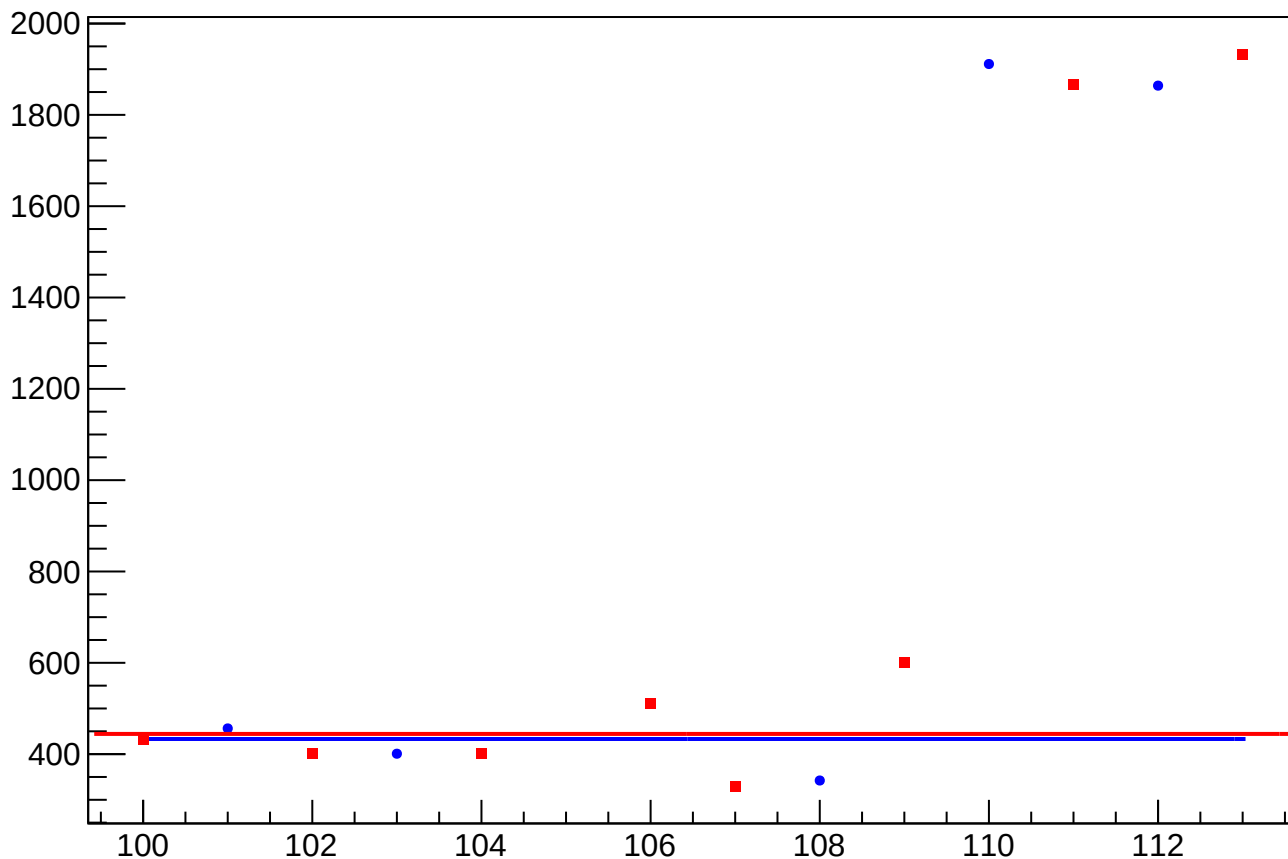
Right: -0.008 ± 0.211 χ^2/NDF : 22.2/12

In: -0.109 ± 0.309 χ^2/NDF : 5.4/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.008 ± 0.211 χ^2/NDF : 22.2/12

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: 444.278+/-0.204 χ^2/NDF : 1213054.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

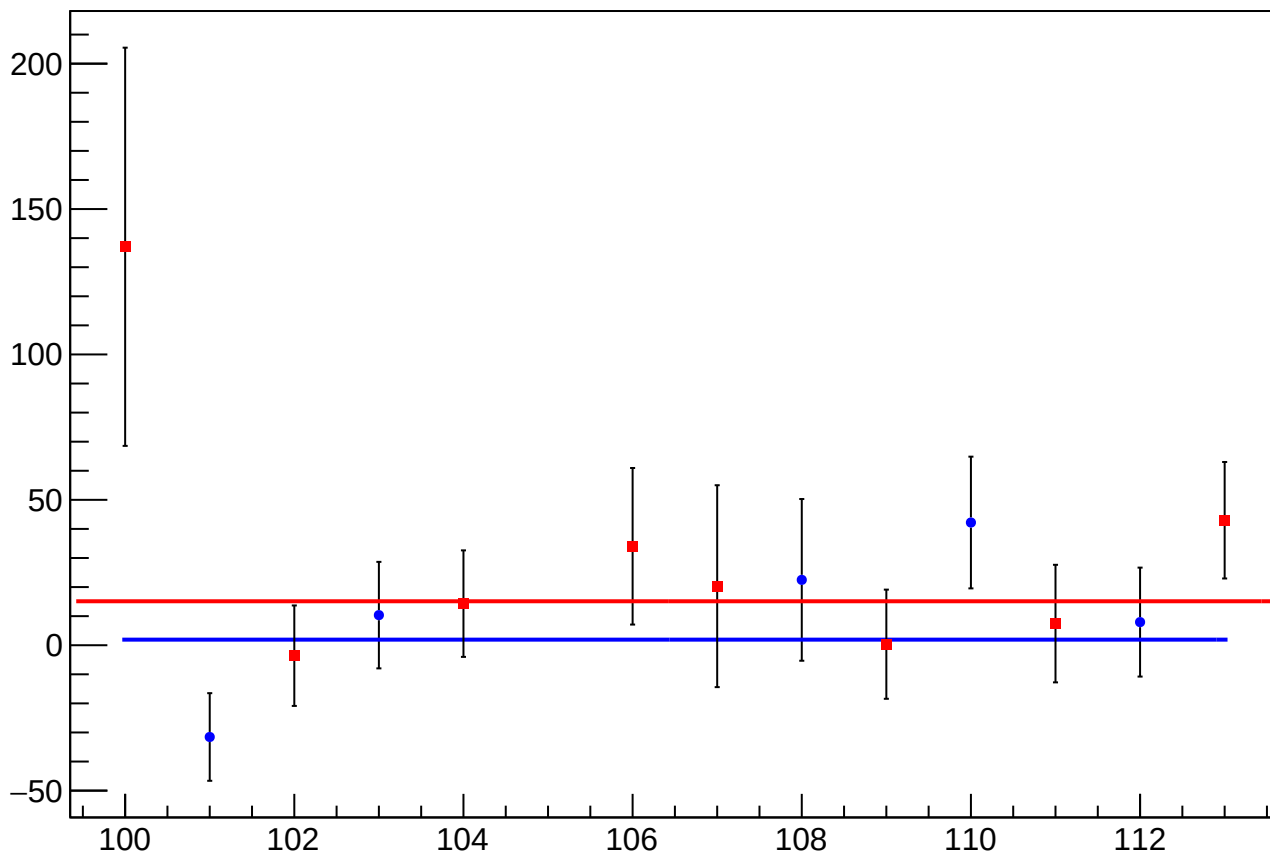
Right: 439.130+/-0.149 χ^2/NDF : 2316916.0/12

In: 433.186+/-0.219 χ^2/NDF : 1102483.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 439.130+/-0.149 χ^2/NDF : 2316916.0/12

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: 15.121+/-7.778 χ^2/NDF : 7.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

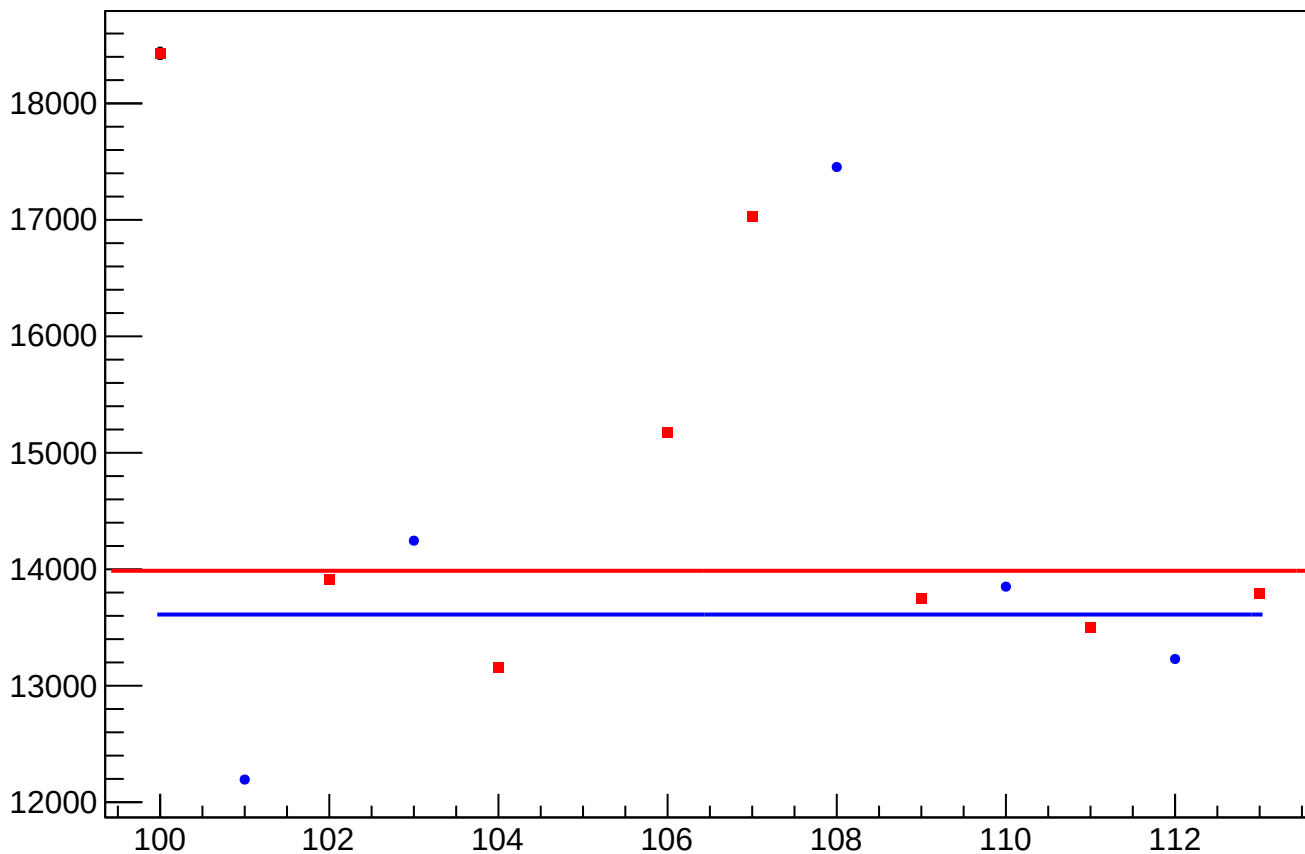
Right: 9.193+/-5.773 χ^2/NDF : 17.8/12

In: 1.922+/-8.614 χ^2/NDF : 9.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.193+/-5.773 χ^2/NDF : 17.8/12

diff_bpm_4aX_4ecX_avg_rms vs Slug, Sign Corrected



Right In: 13611.318 $\pm$ 6.091 χ^2 /NDF: 59325.5/4

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 13987.043 $\pm$ -5.500 χ^2 /NDF: 33565.8/7

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

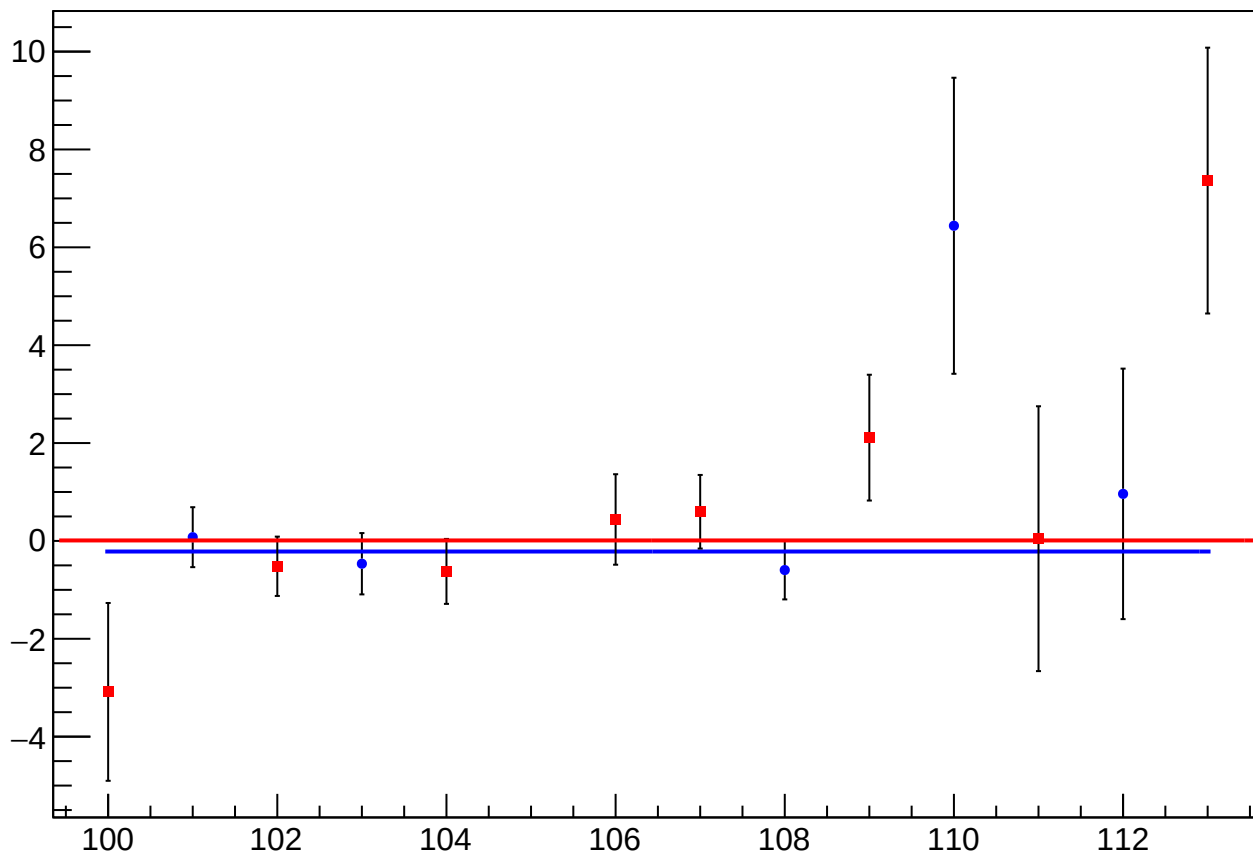
Right: 13818.299 $\pm$ -4.082 χ^2 /NDF: 94987.6/12

In: 13611.318 $\pm$ -6.091 χ^2 /NDF:59325.5/4

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 13818.299 $\pm$ -4.082 χ^2 /NDF: 94987.6/12

diff_bpm_4aX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: -0.217 $\pm$ 0.348 χ^2 /NDF: 5.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.331 χ^2 /NDF: 15.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

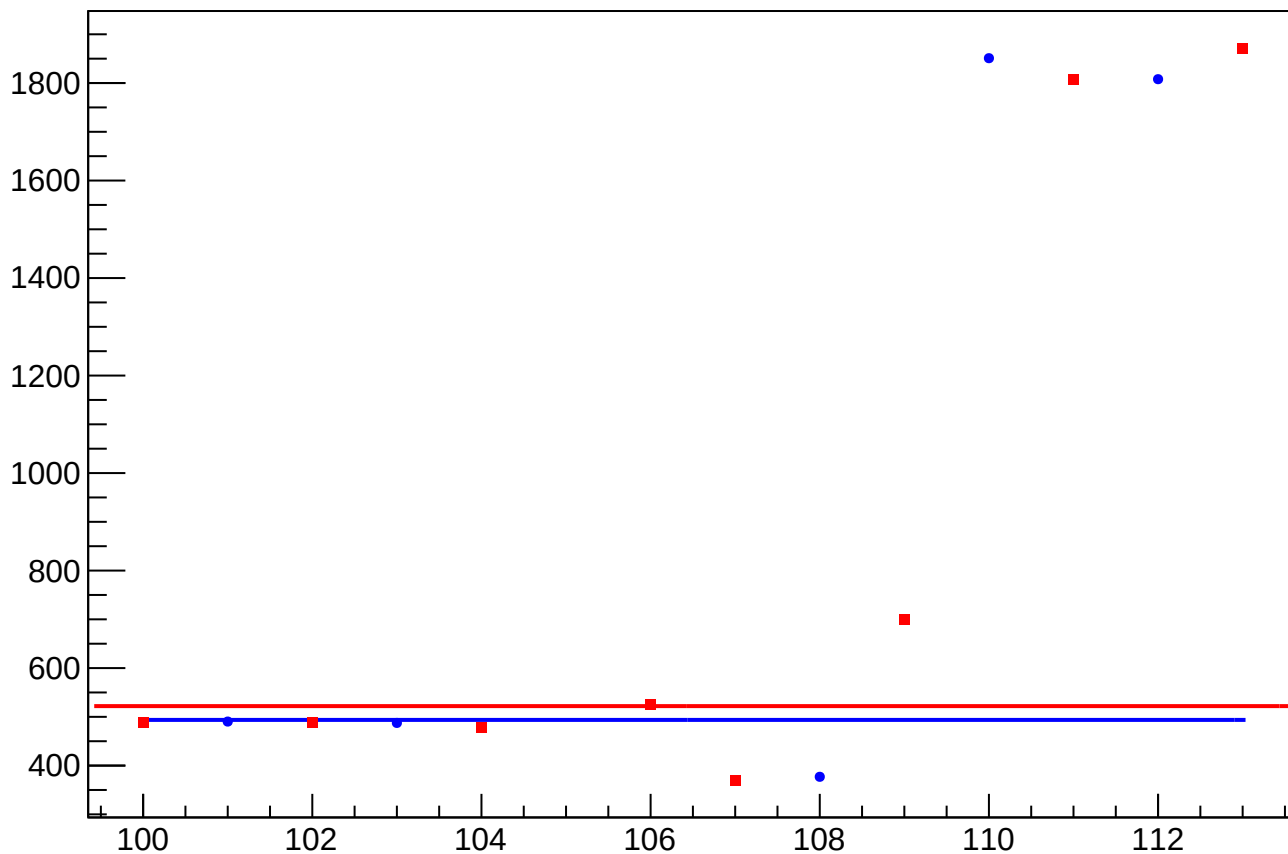
Right: -0.098 $\pm$ 0.240 χ^2 /NDF: 21.5/12

In: -0.217 $\pm$ 0.348 χ^2 /NDF:5.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.098 $\pm$ 0.240 χ^2 /NDF: 21.5/12

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: 522.006+/-0.234 χ^2/NDF : 1080484.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

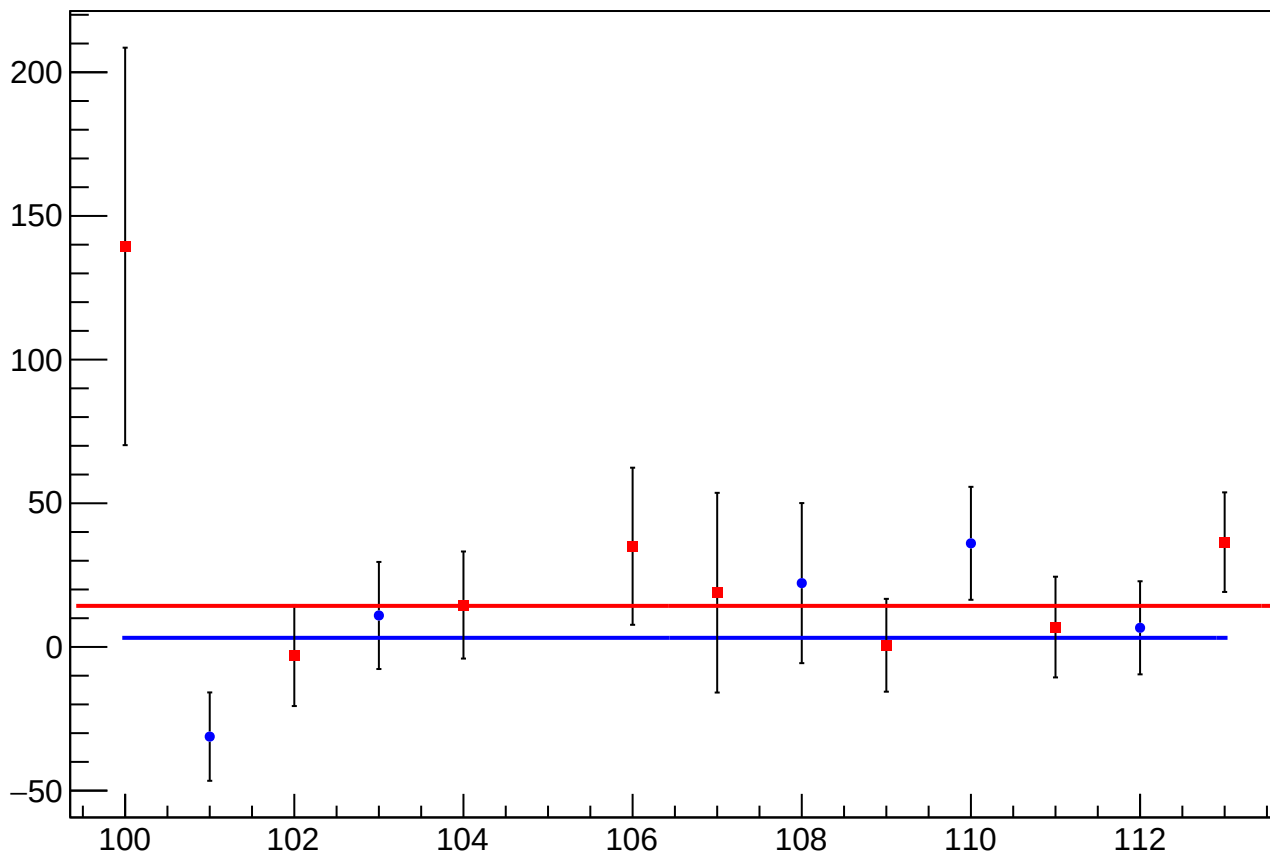
Right: 508.558+/-0.170 χ^2/NDF : 2093184.8/12

In: 493.711+/-0.246 χ^2/NDF : 1005768.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 508.558+/-0.170 χ^2/NDF : 2093184.8/12

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: 14.296+/-7.273 χ^2/NDF : 7.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

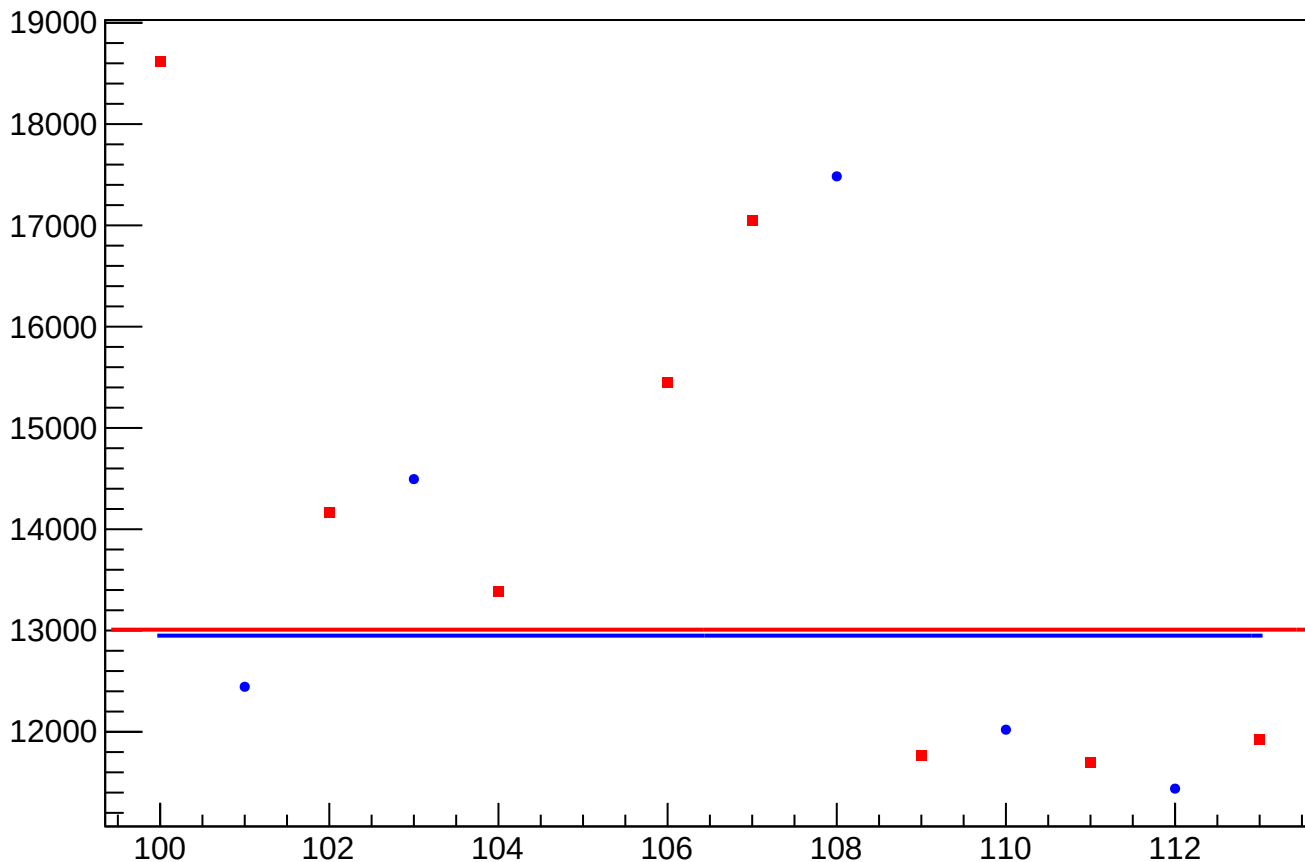
Right: 9.413+/-5.447 χ^2/NDF : 16.9/12

In: 3.173+/-8.221 χ^2/NDF : 8.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.413+/-5.447 χ^2/NDF : 16.9/12

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: 13008.593+/-5.142 χ^2/NDF : 96276.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

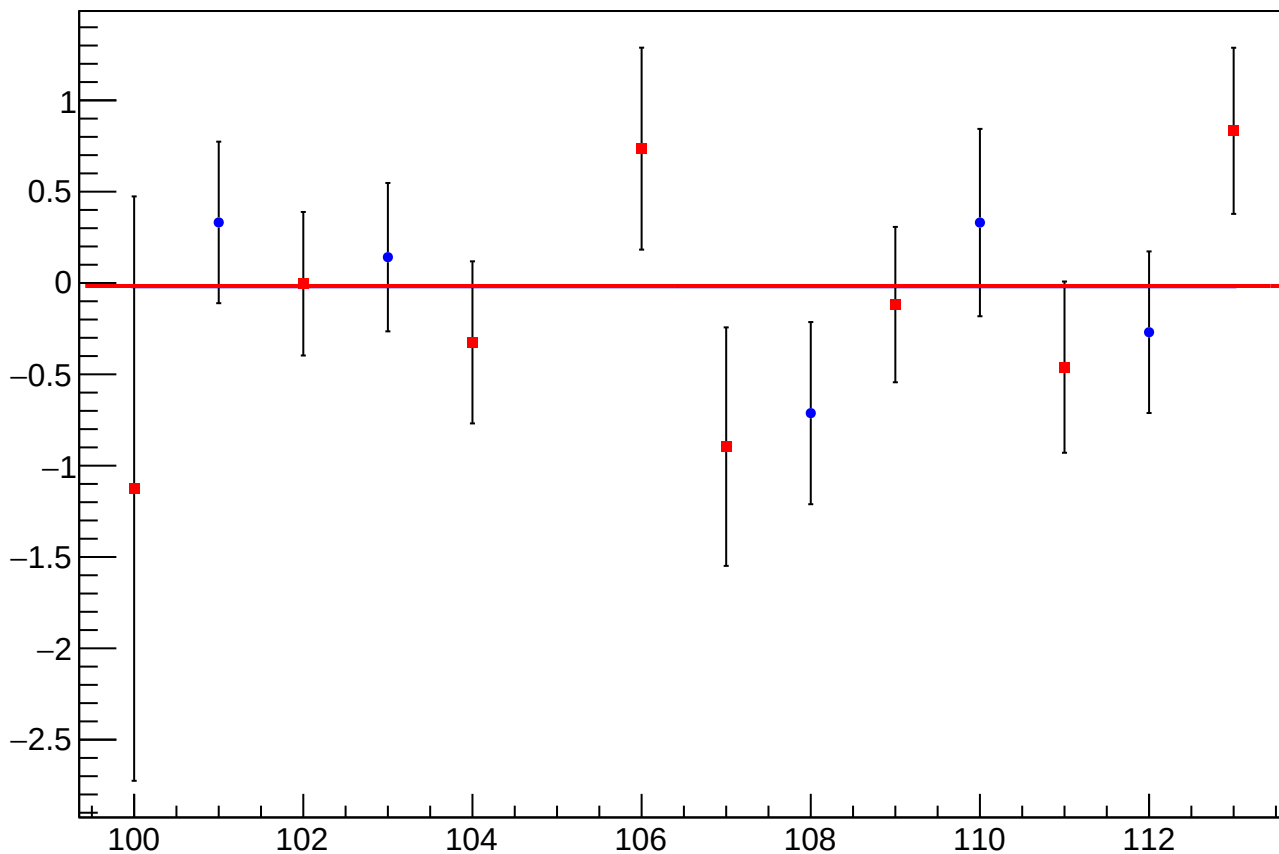
Right: 12982.709+/-3.852 χ^2/NDF : 187096.4/12

In: 12949.636+/-5.813 χ^2/NDF :90762.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 12982.709+/-3.852 χ^2/NDF : 187096.4/12

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: -0.016 ± 0.175 χ^2/NDF : 9.1/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

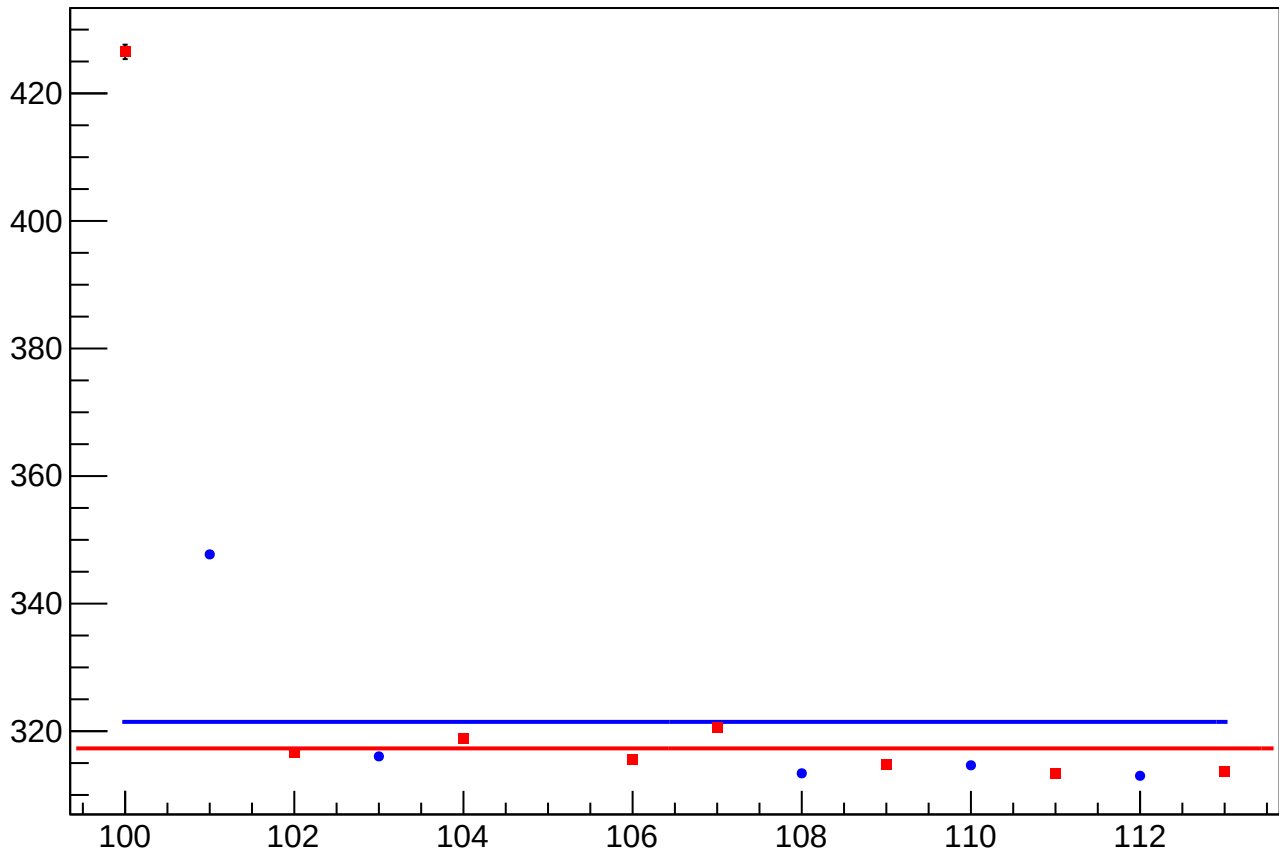
Right: -0.017 ± 0.133 χ^2/NDF : 12.6/12

In: -0.018 ± 0.204 χ^2/NDF : 3.5/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.017 ± 0.133 χ^2/NDF : 12.6/12

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: 317.300+/-0.124 χ^2/NDF : 9750.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

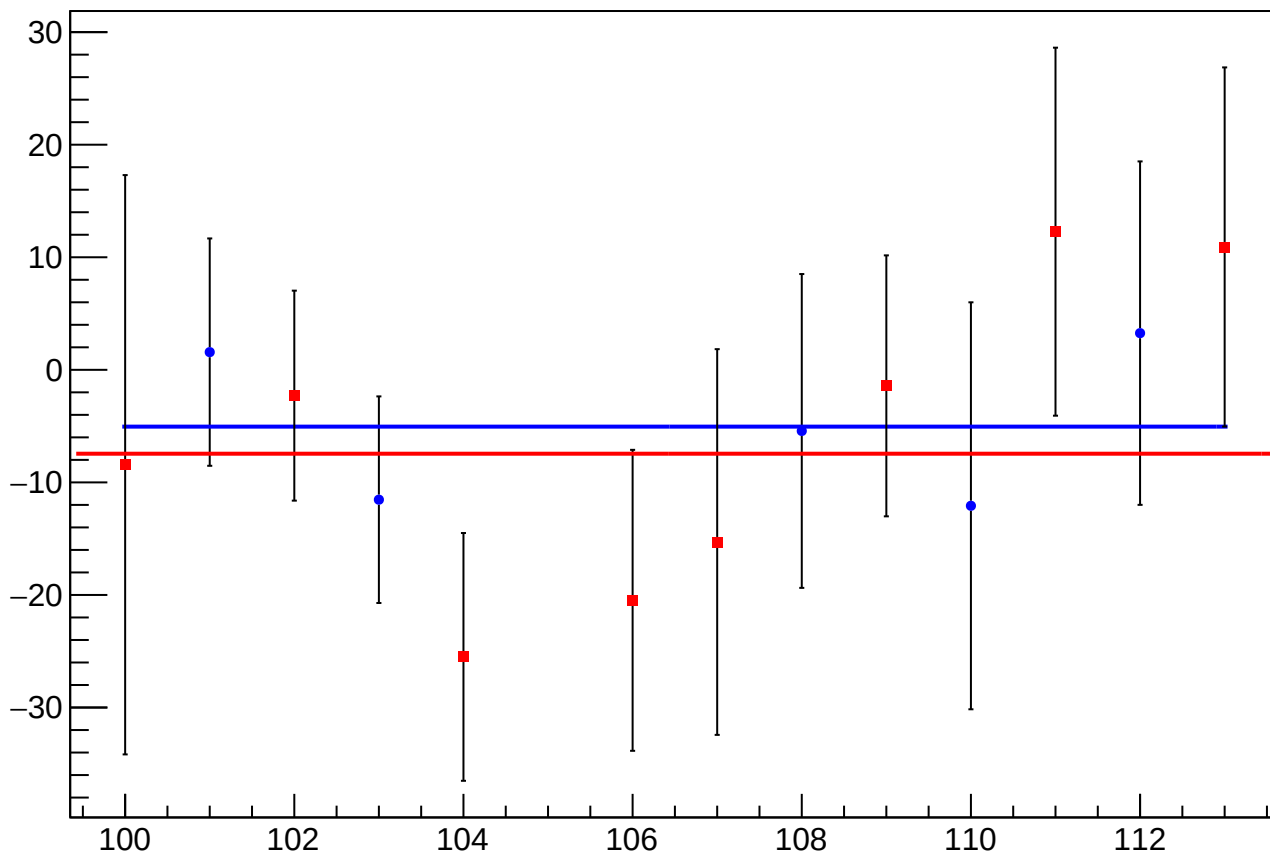
Right: 319.072+/-0.094 χ^2/NDF : 19246.0/12

In: 321.459+/-0.144 χ^2/NDF : 9016.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 319.072+/-0.094 χ^2/NDF : 19246.0/12

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: -7.452+/-4.695 χ^2/NDF : 7.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

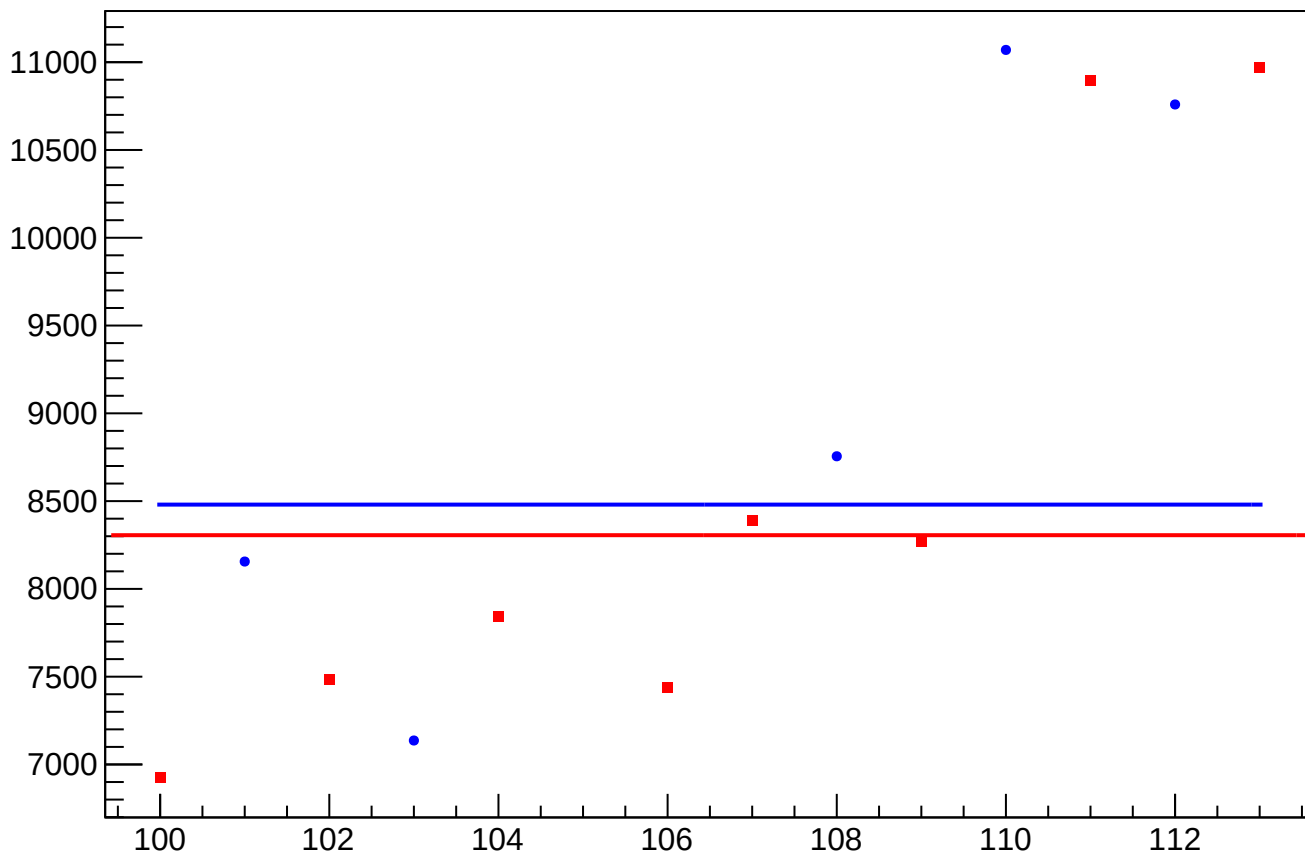
Right: -6.418+/-3.545 χ^2/NDF : 8.7/12

In: -5.046+/-5.409 χ^2/NDF : 1.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.418+/-3.545 χ^2/NDF : 8.7/12

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: 8305.922+/-3.320 χ^2/NDF : 139094.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

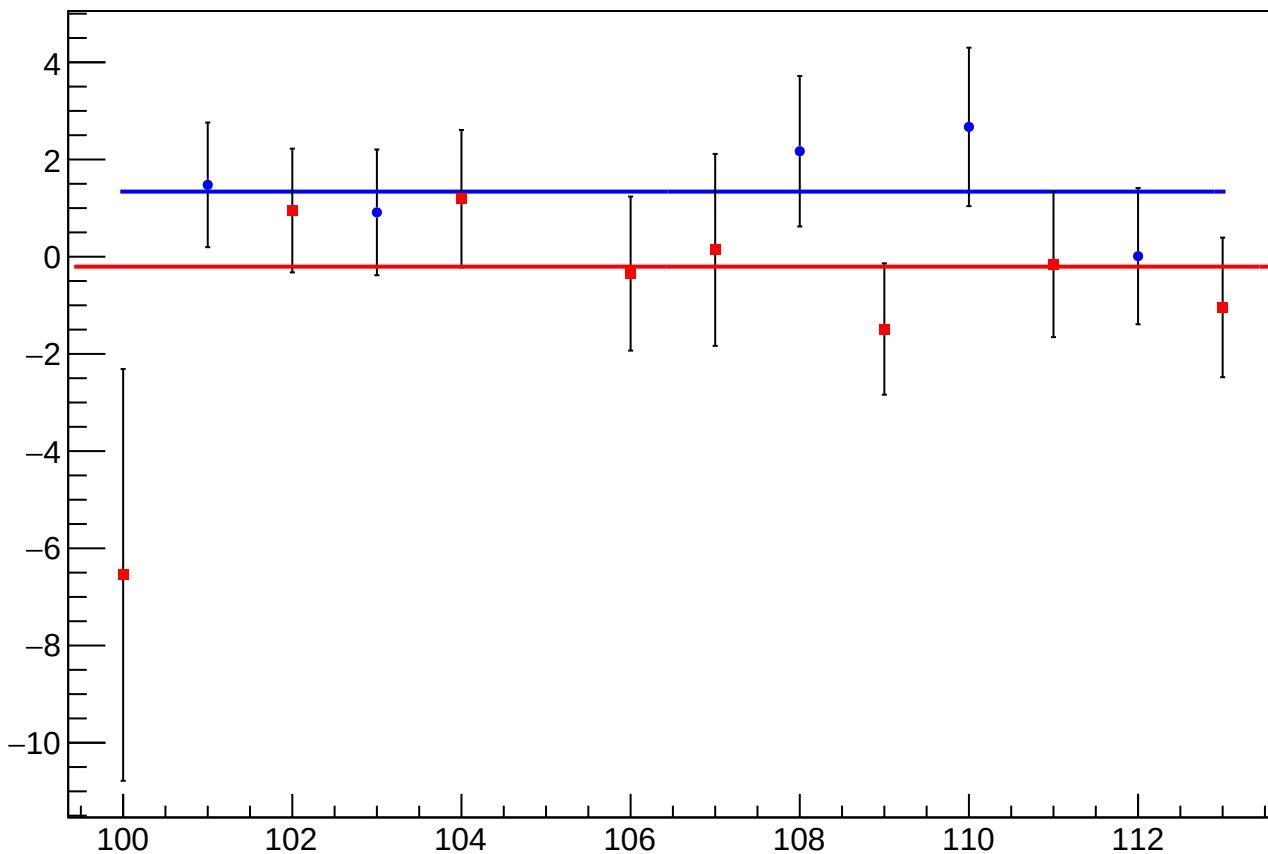
Right: 8380.759+/-2.507 χ^2/NDF : 271678.4/12

In: 8480.100+/-3.825 χ^2/NDF : 131400.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8380.759+/-2.507 χ^2/NDF : 271678.4/12

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: -0.204 $\pm$ 0.550 χ^2/NDF : 5.3/7

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

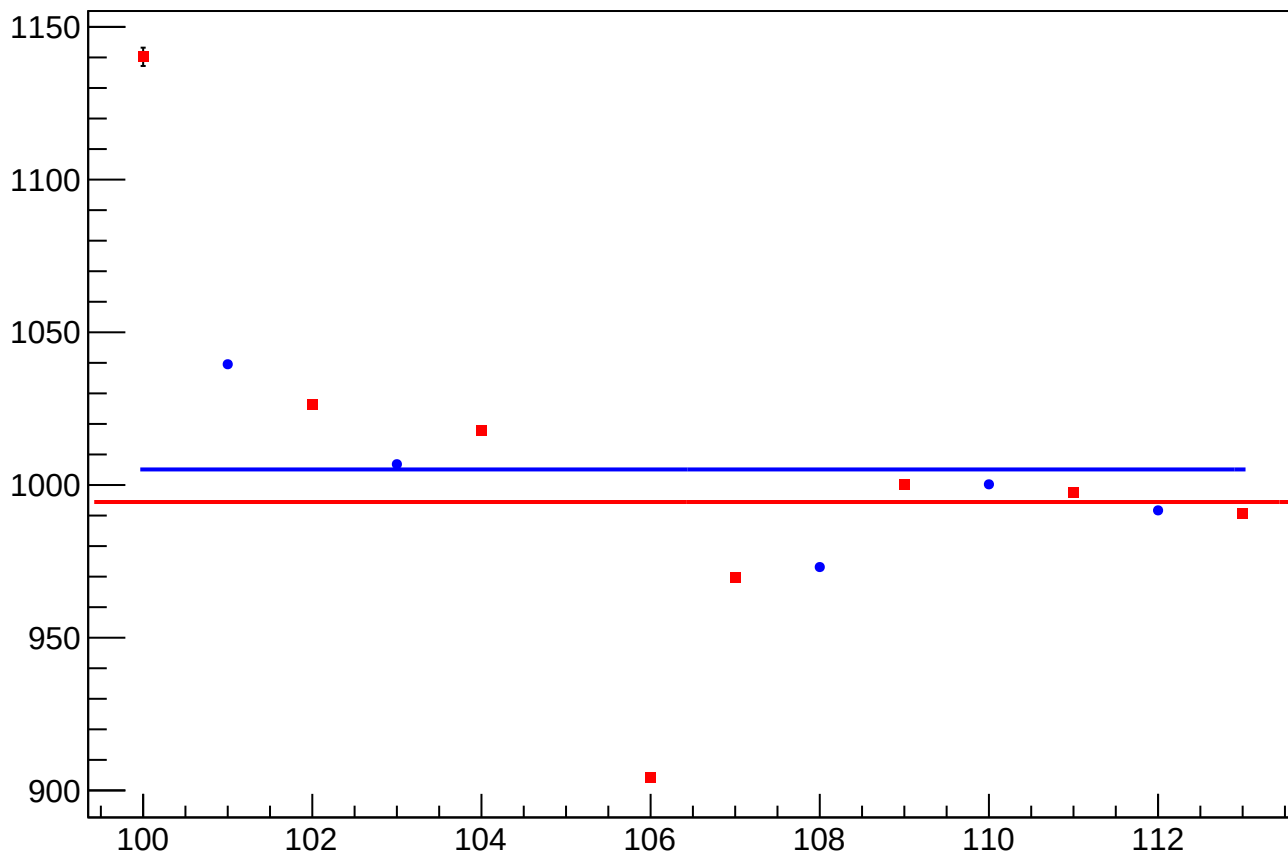
Right: 0.461 $\pm$ 0.415 χ^2/NDF : 10.7/12

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: 0.461 $\pm$ 0.415 χ^2/NDF : 10.7/12

diff_bpm_4aY_4acY_dd_rms vs Slug, Sign Corrected



Right In: 1005.096+/-0.446 χ^2/NDF : 2500.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 994.437+/-0.389 χ^2/NDF : 11019.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

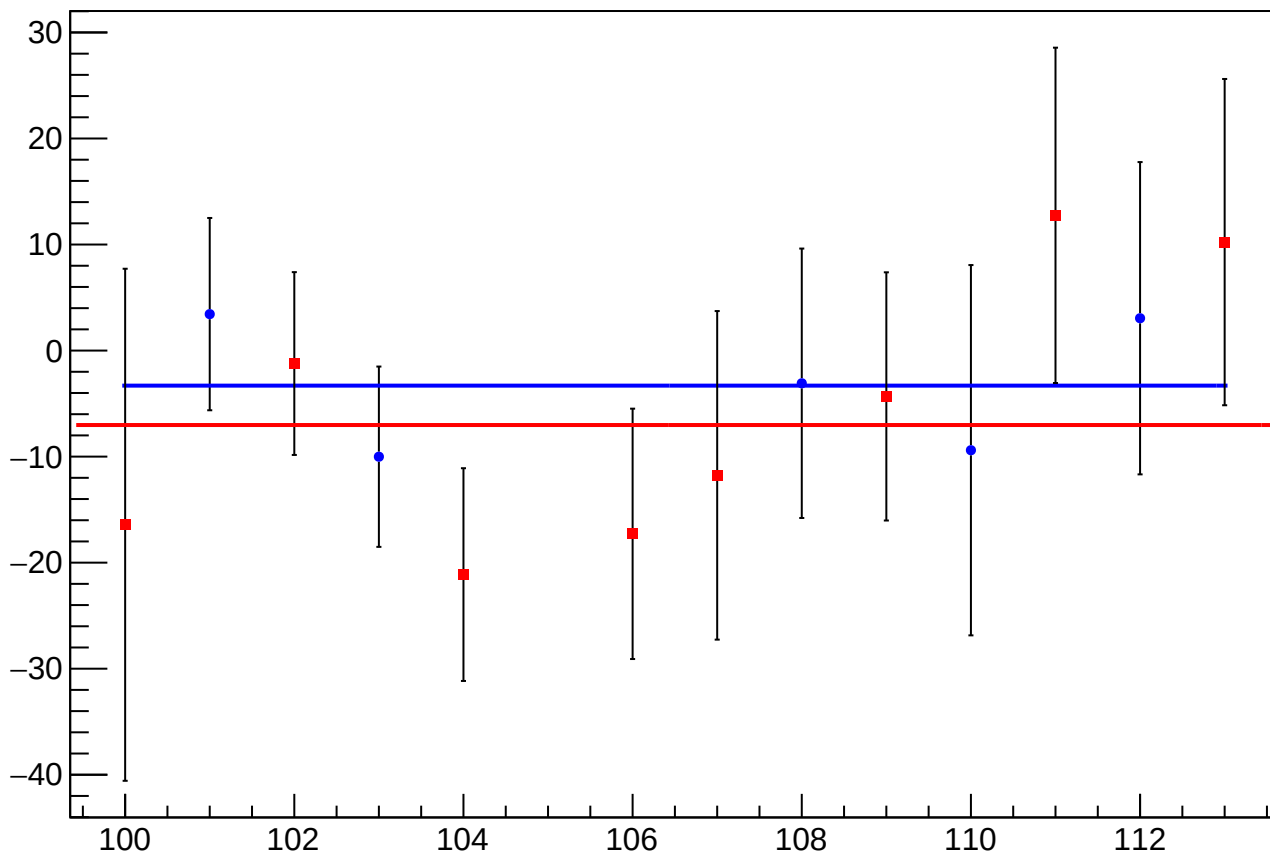
Right: 999.032+/-0.293 χ^2/NDF : 13843.8/12

In: 1005.096+/-0.446 χ^2/NDF : 2500.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 999.032+/-0.293 χ^2/NDF : 13843.8/12

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: -7.021+/-4.386 χ^2 /NDF: 6.3/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

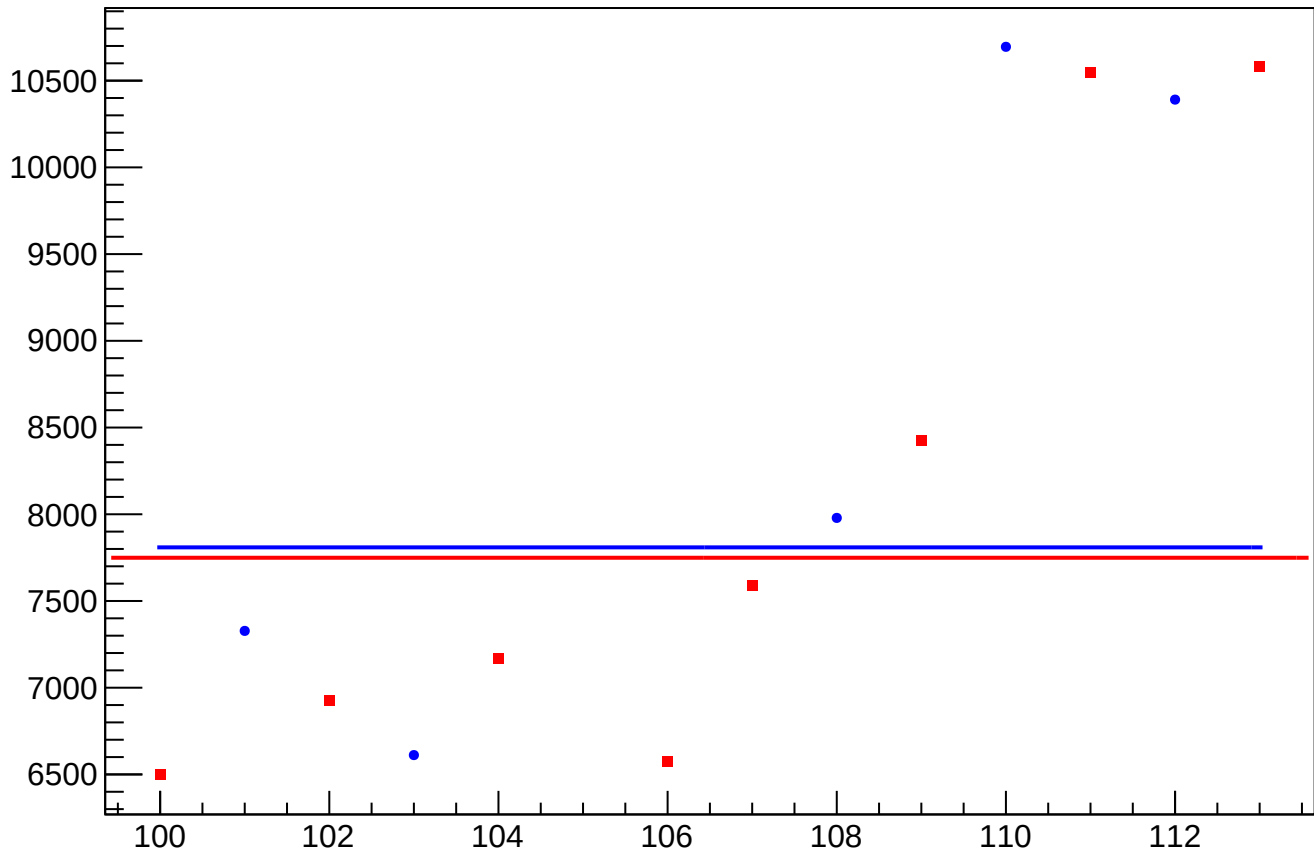
Right: -5.404+/-3.296 χ^2 /NDF: 8.1/12

In: -3.306+/-4.995 χ^2 /NDF:1.5/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -5.404+/-3.296 χ^2 /NDF: 8.1/12

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: 7749.273+/-3.101 χ^2/NDF : 187306.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

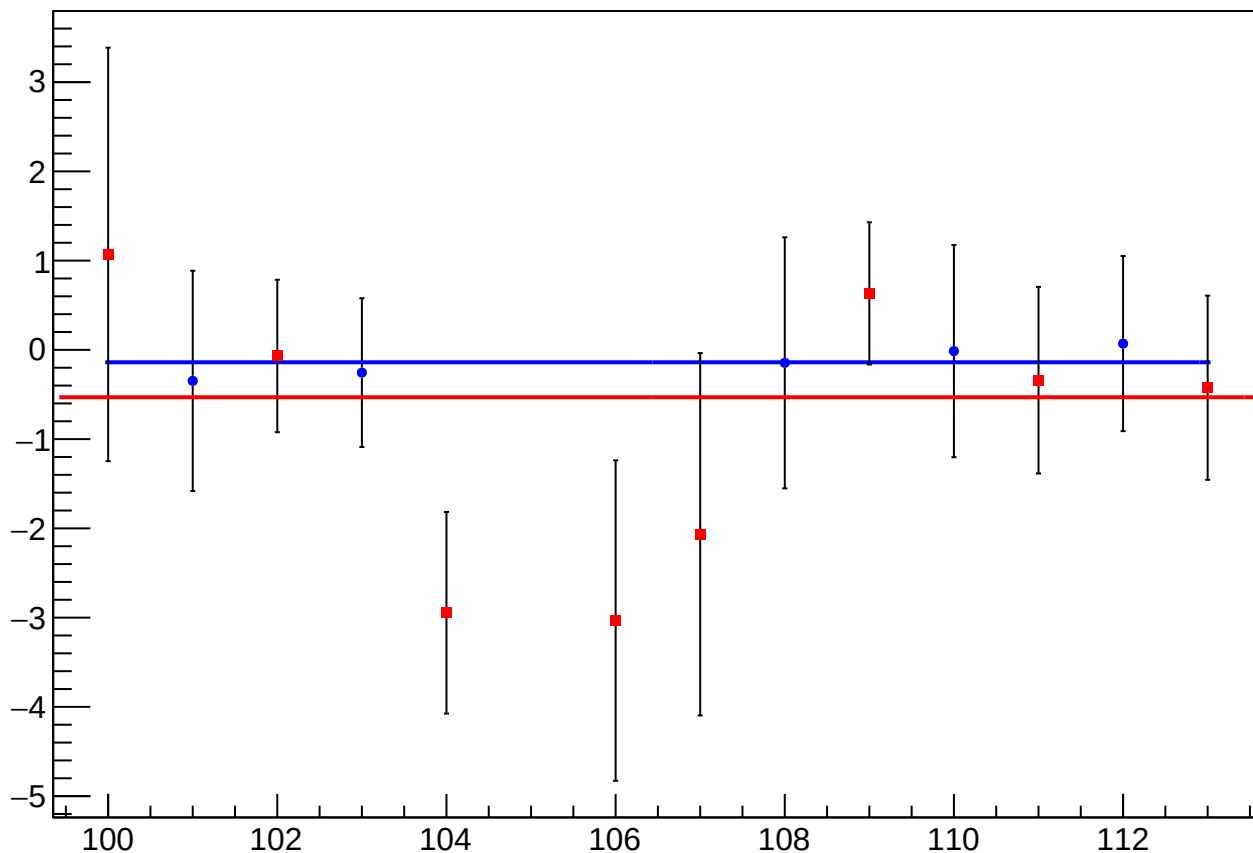
Right: 7775.343+/-2.330 χ^2/NDF : 349254.8/12

In: 7809.150+/-3.532 χ^2/NDF : 161786.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7775.343+/-2.330 χ^2/NDF : 349254.8/12

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: -0.531+/-0.398 χ^2/NDF : 10.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

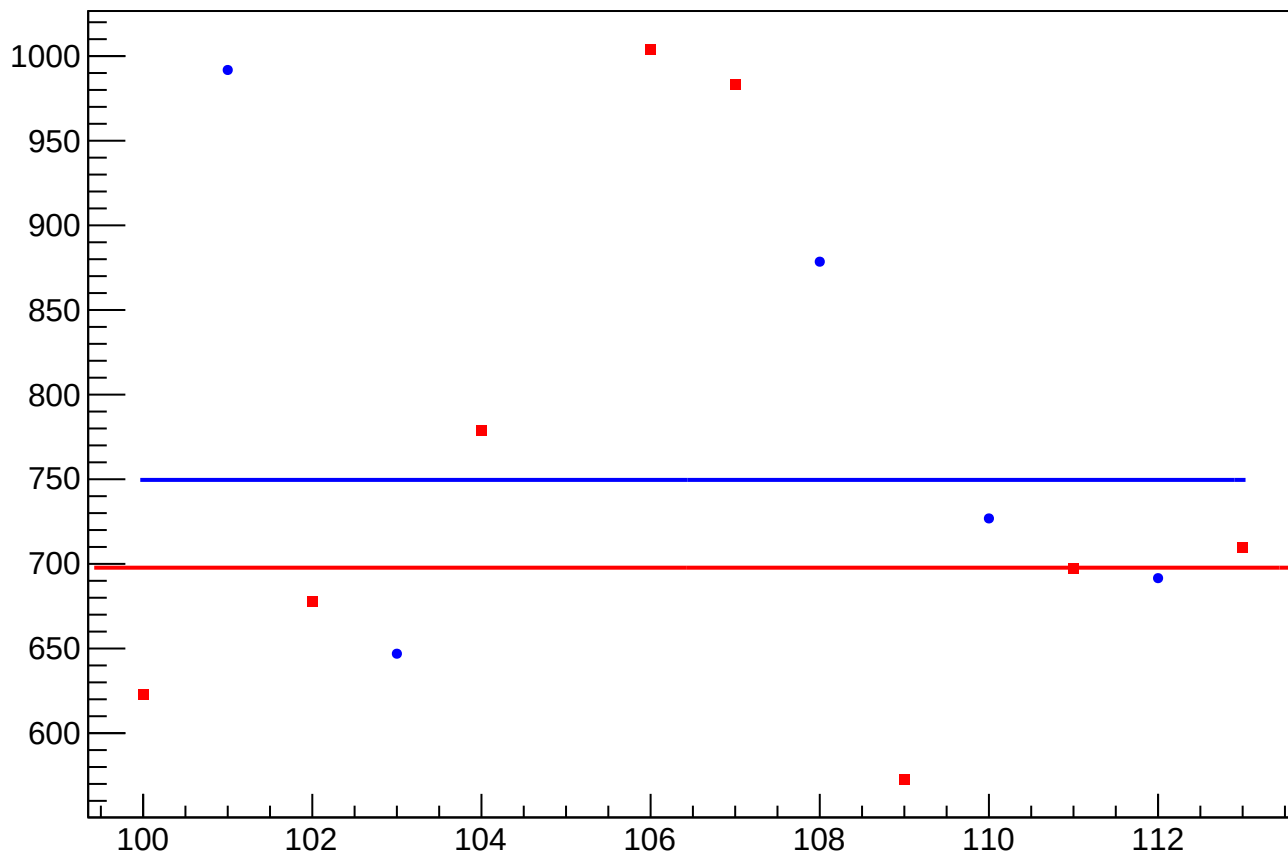
Right: -0.371+/-0.306 χ^2/NDF : 10.5/12

In: -0.139+/-0.480 χ^2/NDF :0.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.371+/-0.306 χ^2/NDF : 10.5/12

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: 697.756 $\pm$ 0.281 χ^2 /NDF: 160940.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

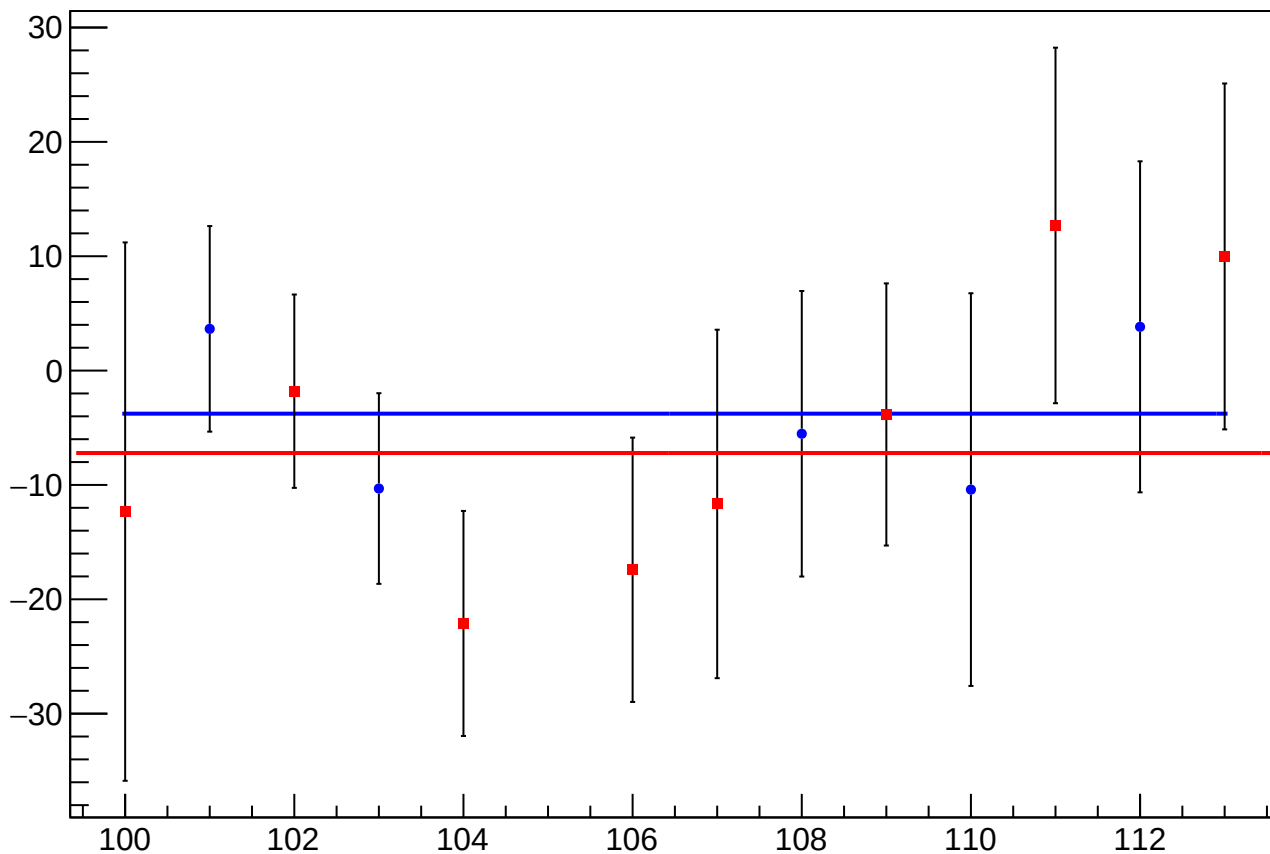
Right: 718.886 $\pm$ 0.216 χ^2 /NDF: 306730.5/12

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: 718.886 $\pm$ 0.216 χ^2 /NDF: 306730.5/12

diff_bpm_4aY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: -3.767+/-4.918 χ^2/NDF : 1.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.207+/-4.302 χ^2/NDF : 6.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

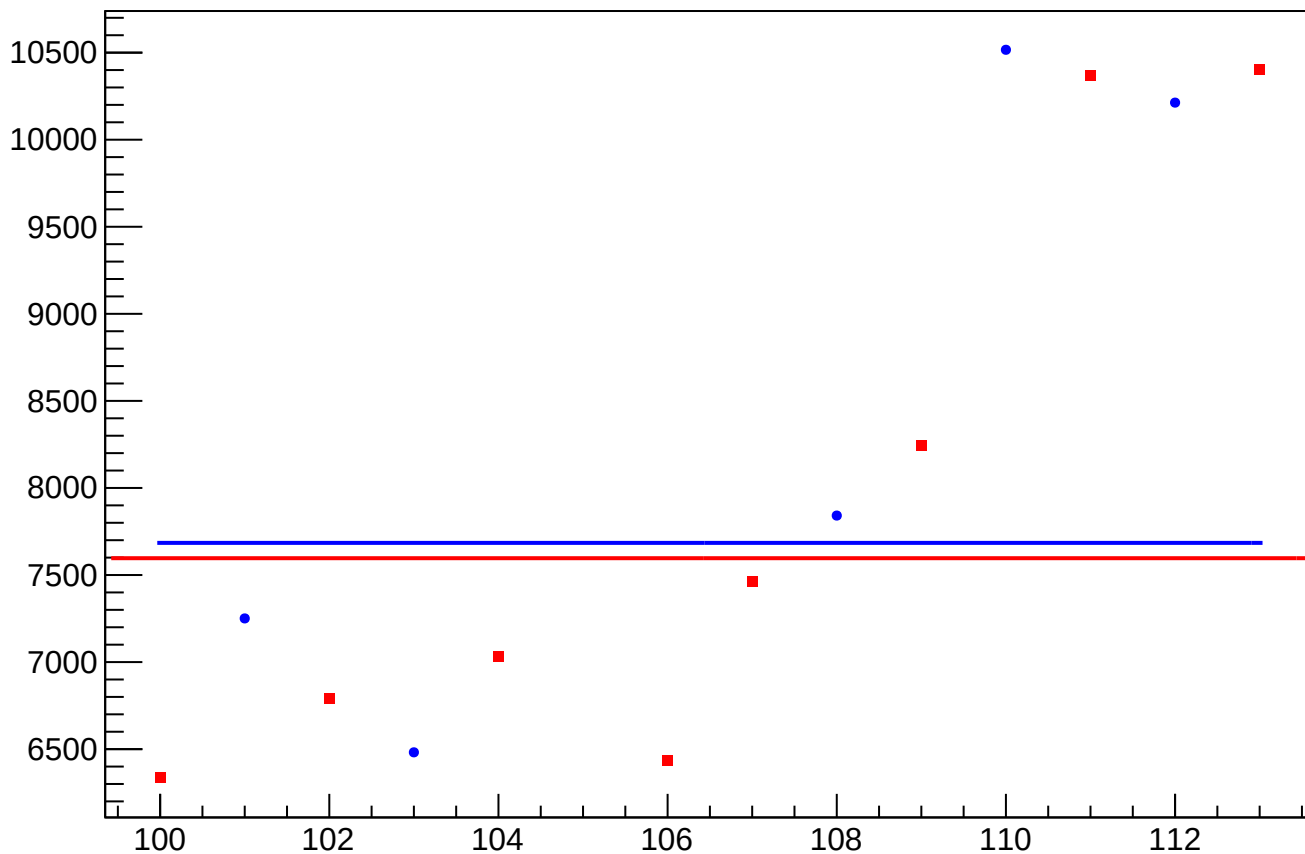
Right: -5.716+/-3.238 χ^2/NDF : 8.7/12

In: -3.767+/-4.918 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.716+/-3.238 χ^2/NDF : 8.7/12

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: 7596.610+/-3.042 χ^2/NDF : 189580.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

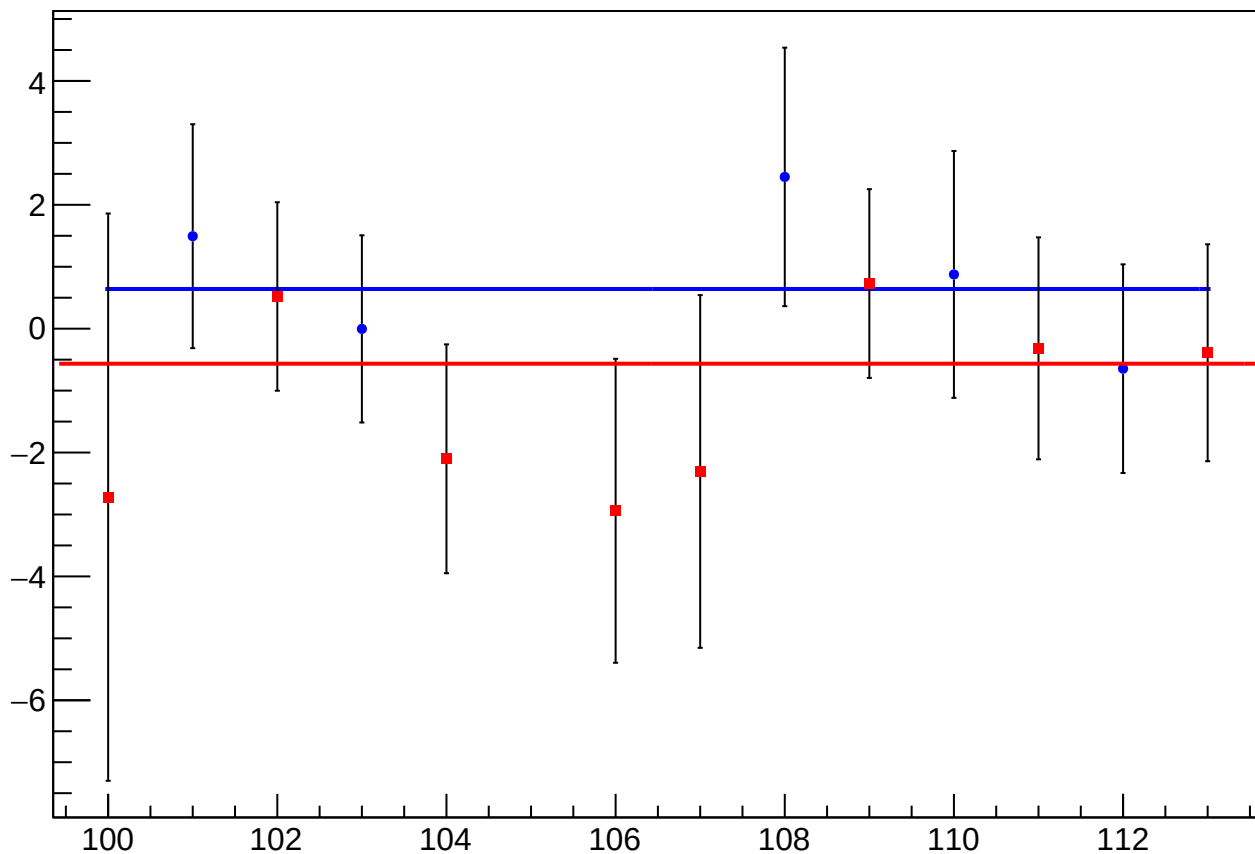
Right: 7634.758+/-2.290 χ^2/NDF : 351986.2/12

In: 7684.614+/-3.477 χ^2/NDF : 162043.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7634.758+/-2.290 χ^2/NDF : 351986.2/12

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: -0.566 $\pm$ 0.685 χ^2 /NDF: 3.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

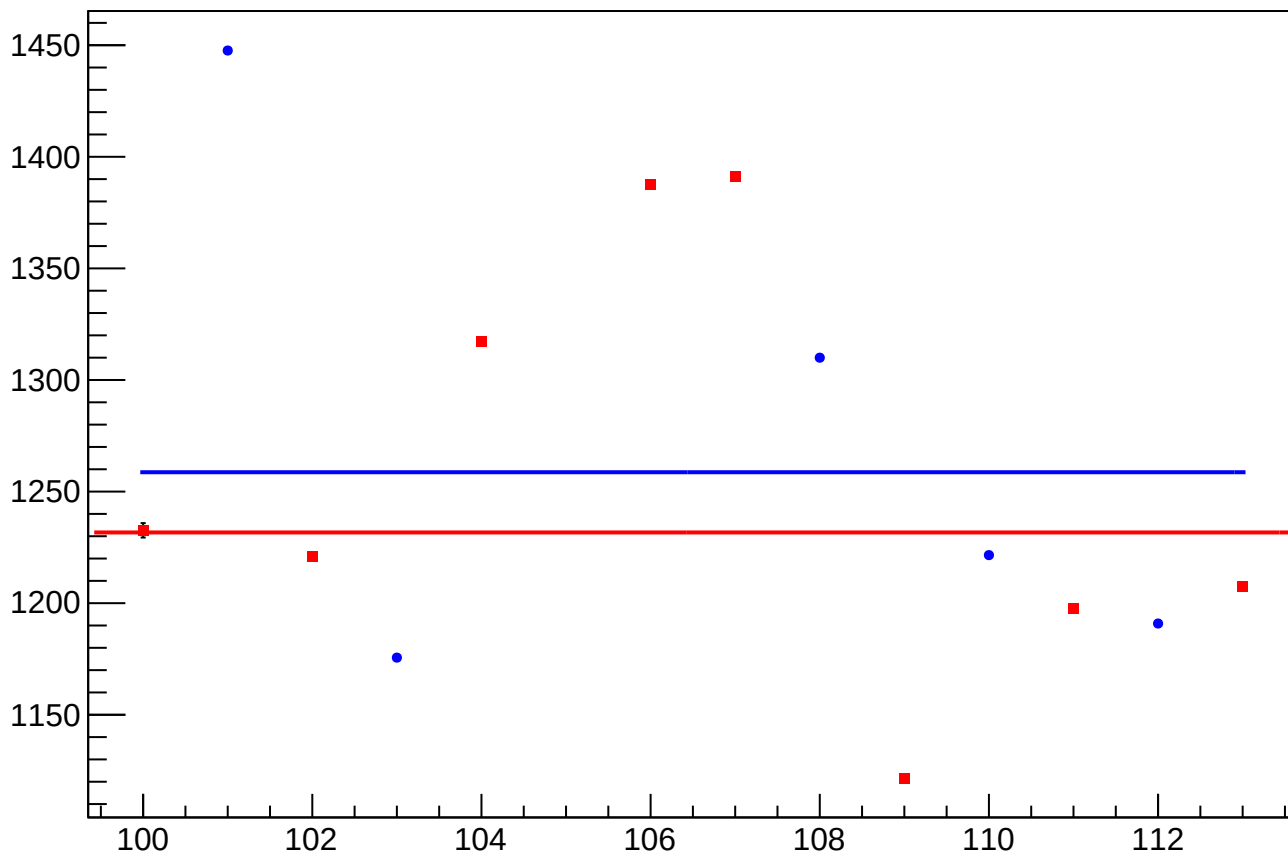
Right: -0.052 $\pm$ 0.519 χ^2 /NDF: 6.6/12

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: -0.052 $\pm$ 0.519 χ^2 /NDF: 6.6/12

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: 1231.693+/-0.485 χ^2/NDF : 30299.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

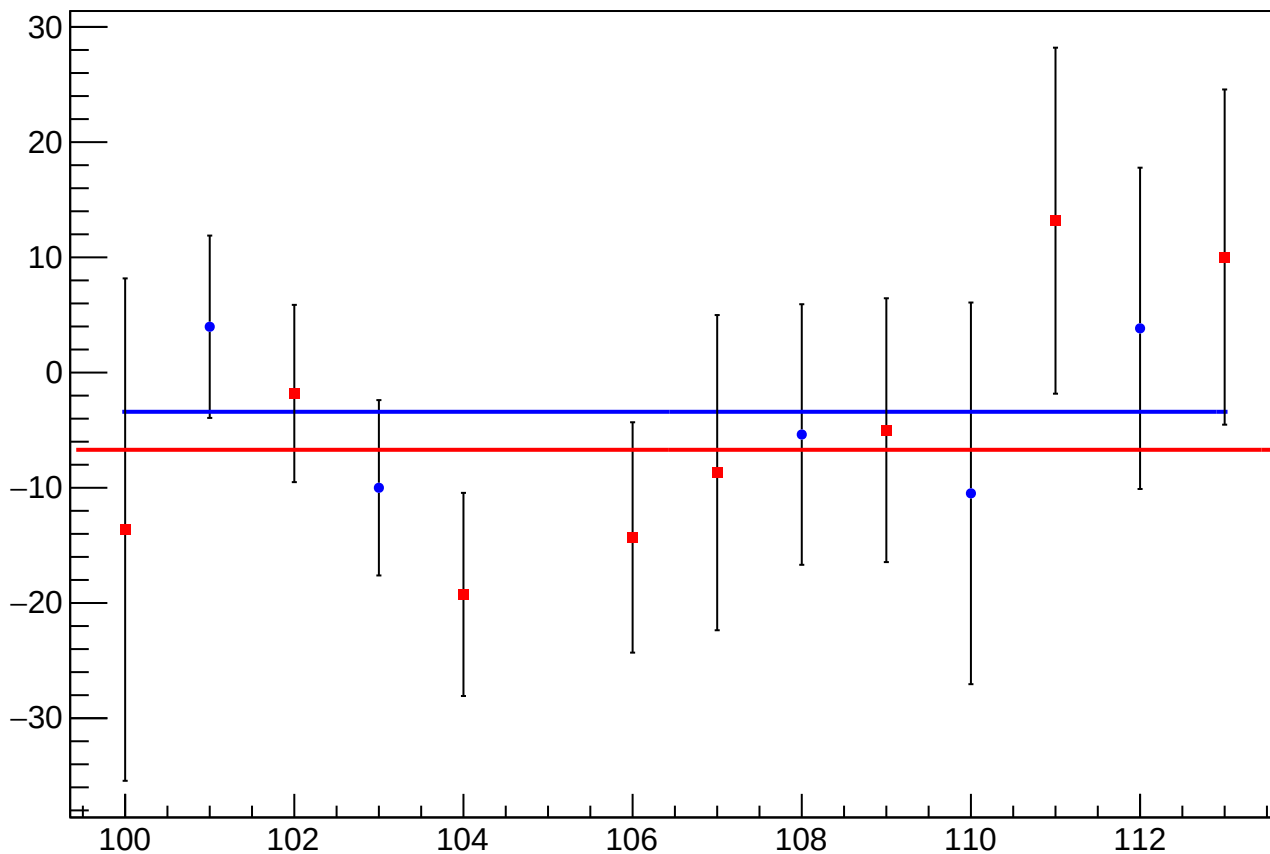
Right: 1243.172+/-0.367 χ^2/NDF : 64647.6/12

In: 1258.671+/-0.563 χ^2/NDF : 33028.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1243.172+/-0.367 χ^2/NDF : 64647.6/12

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: -6.703+/-3.953 χ^2/NDF : 6.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

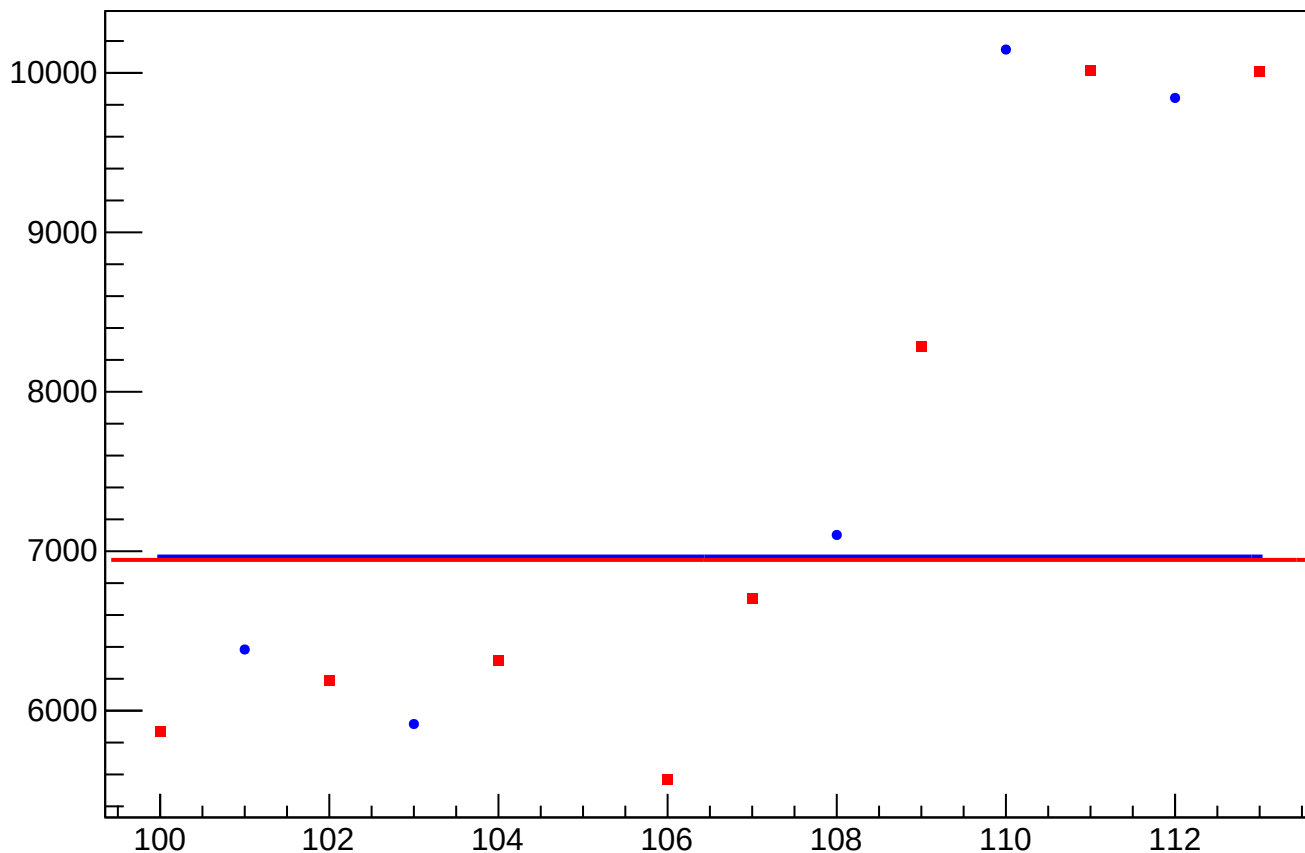
Right: -5.259+/-2.964 χ^2/NDF : 8.6/12

In: -3.404+/-4.479 χ^2/NDF : 2.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.259+/-2.964 χ^2/NDF : 8.6/12

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: 6945.699+/-2.795 χ^2/NDF : 273134.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

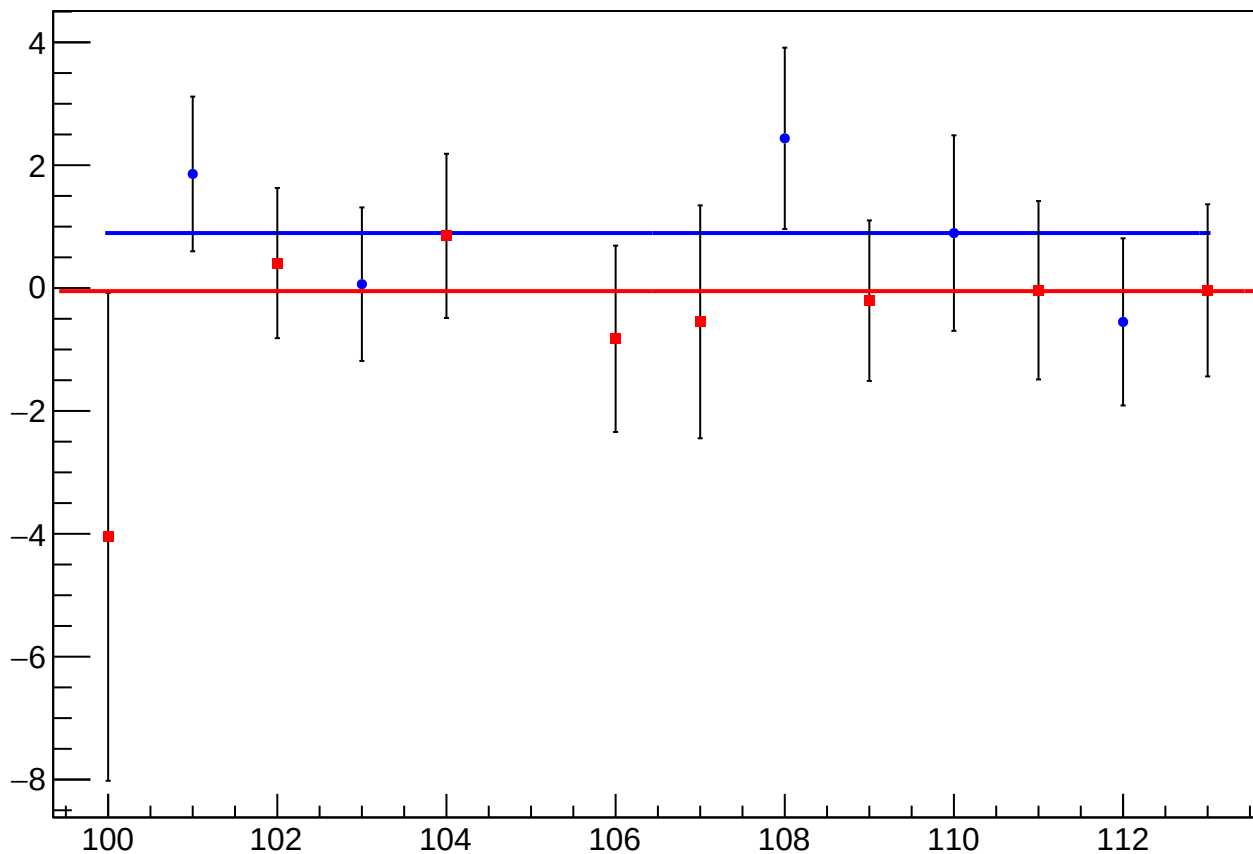
Right: 6954.912+/-2.096 χ^2/NDF : 481231.3/12

In: 6966.744+/-3.167 χ^2/NDF : 208072.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6954.912+/-2.096 χ^2/NDF : 481231.3/12

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: -0.050 $\pm$ 0.529 χ^2 /NDF: 2.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

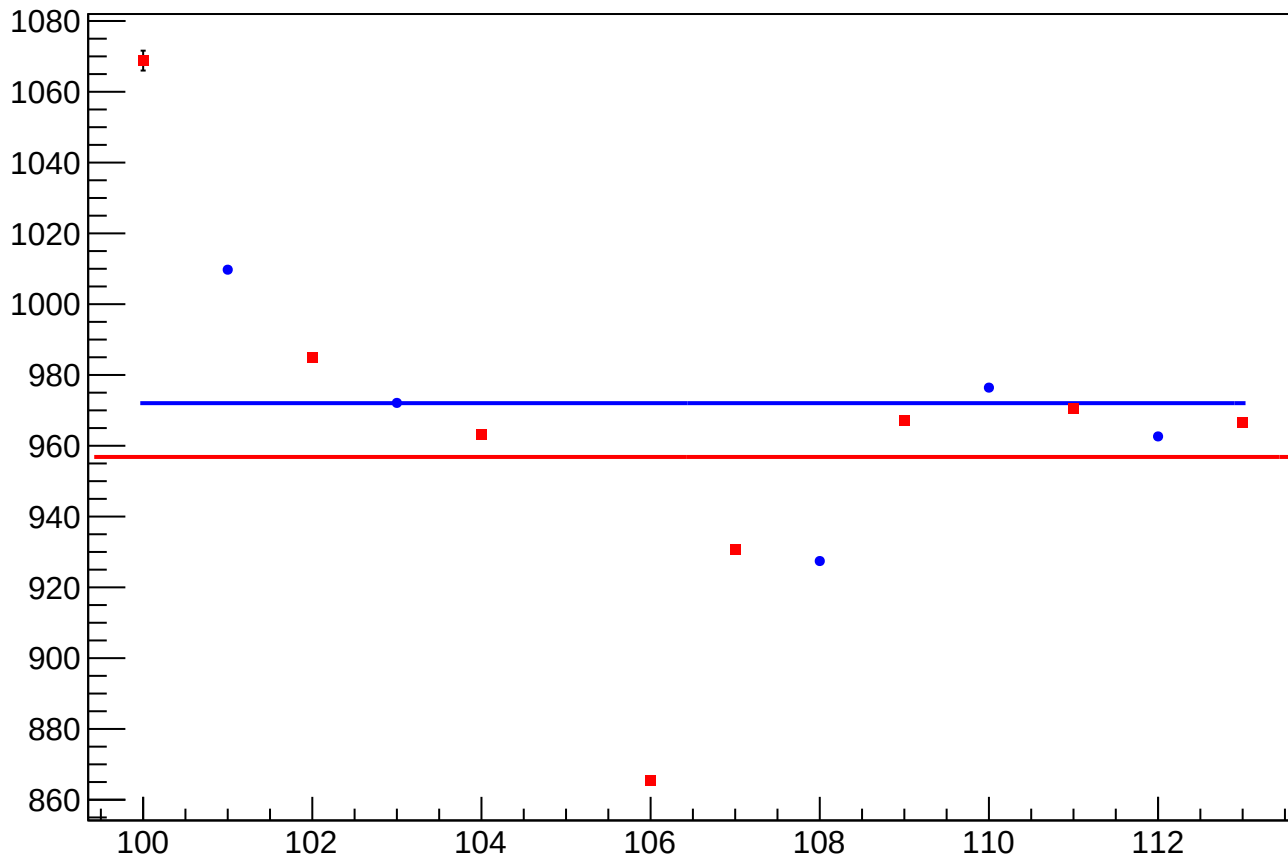
Right: 0.354 $\pm$ 0.400 χ^2 /NDF: 6.6/12

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: 0.354 $\pm$ 0.400 χ^2 /NDF: 6.6/12

diff_bpm_4eY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 972.037 $\pm$ 0.433 χ^2 /NDF: 3732.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 956.840 $\pm$ 0.374 χ^2 /NDF: 10717.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

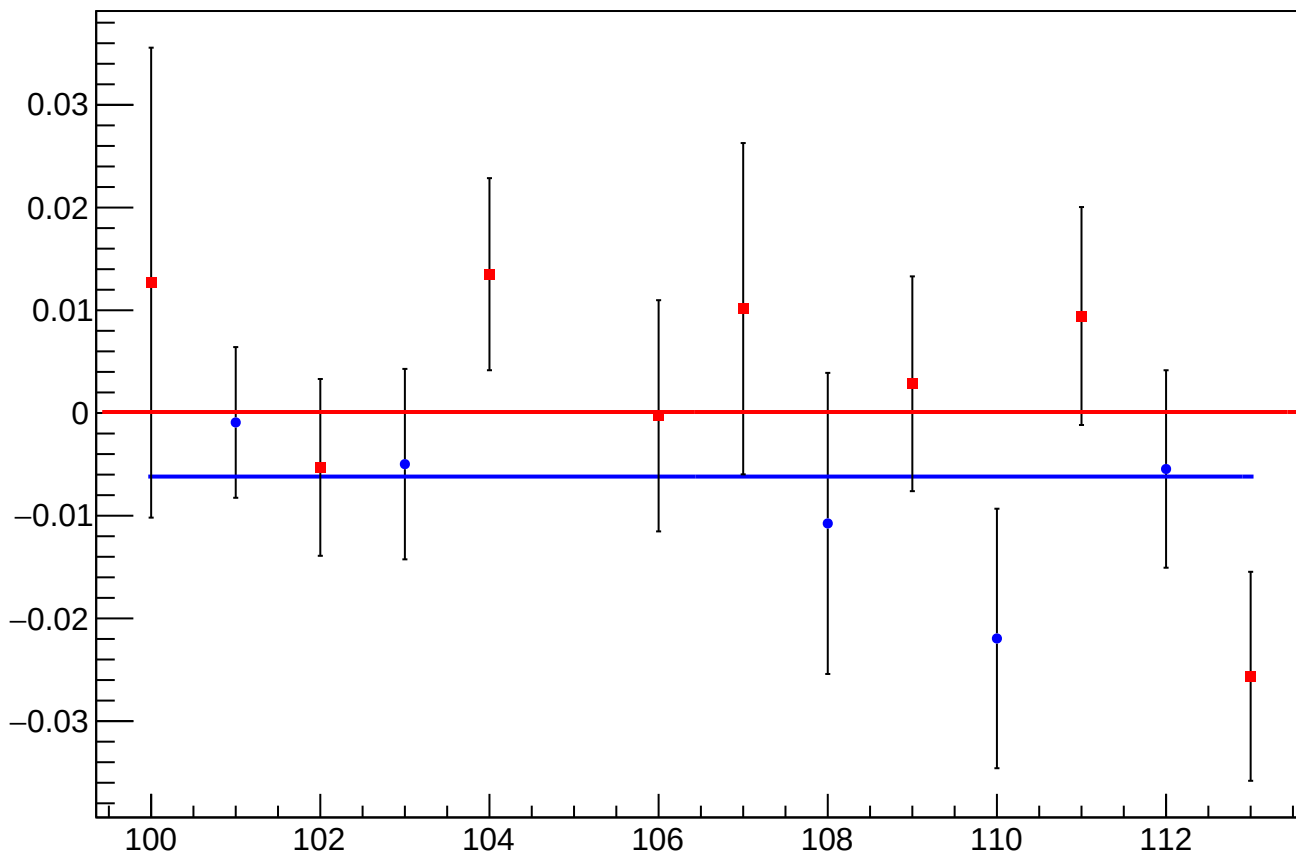
Right: 963.331 $\pm$ 0.283 χ^2 /NDF: 15154.4/12

In: 972.037 $\pm$ 0.433 χ^2 /NDF:3732.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 963.331 $\pm$ 0.283 χ^2 /NDF: 15154.4/12

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: 0.000 $\pm$ 0.004 χ^2 /NDF: 10.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

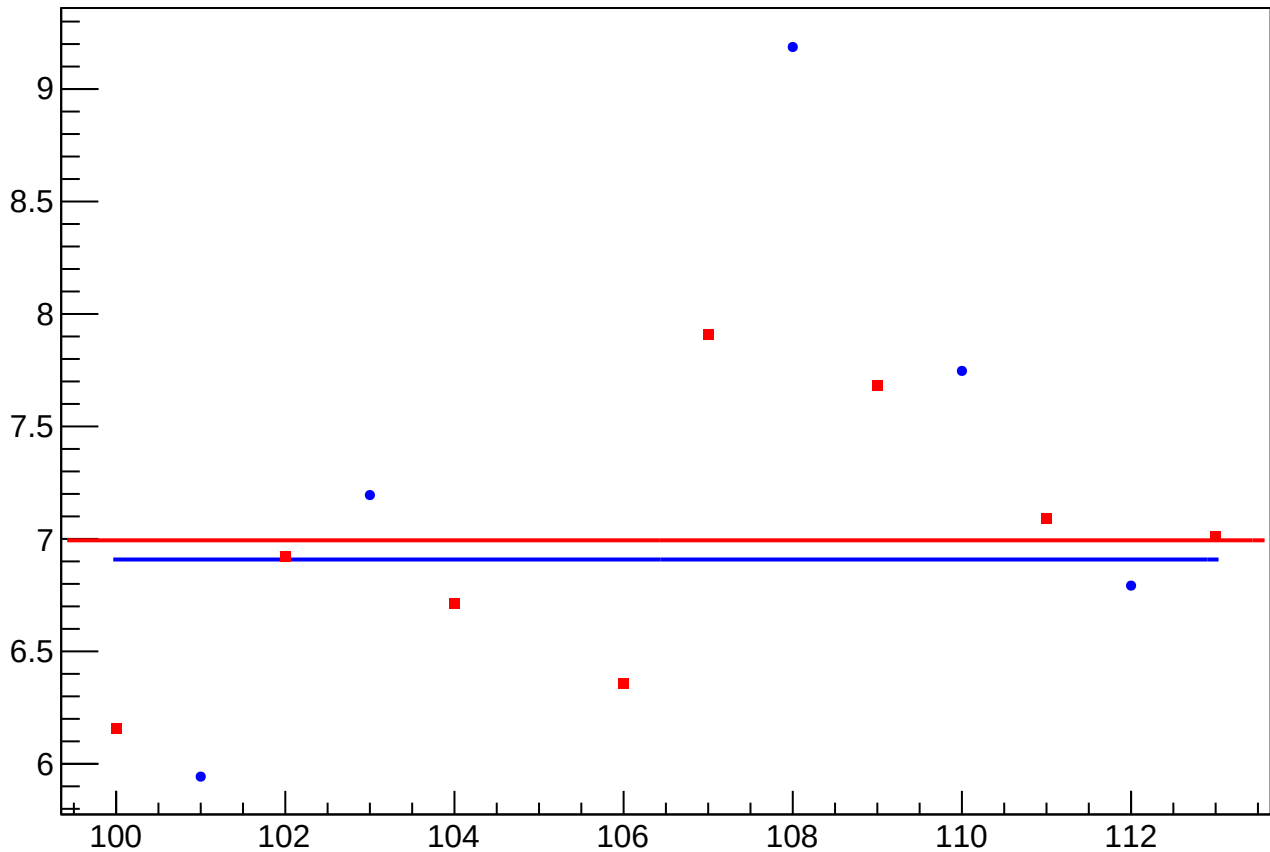
Right: -0.003 $\pm$ 0.003 χ^2 /NDF: 13.7/12

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: -0.003 $\pm$ 0.003 χ^2 /NDF: 13.7/12

diff_dispE_bpm12X_rms vs Slug, Sign Corrected



Right In: 6.908 $\pm$ 0.003 χ^2 /NDF: 93966.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 6.994 $\pm$ 0.003 χ^2 /NDF: 26301.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

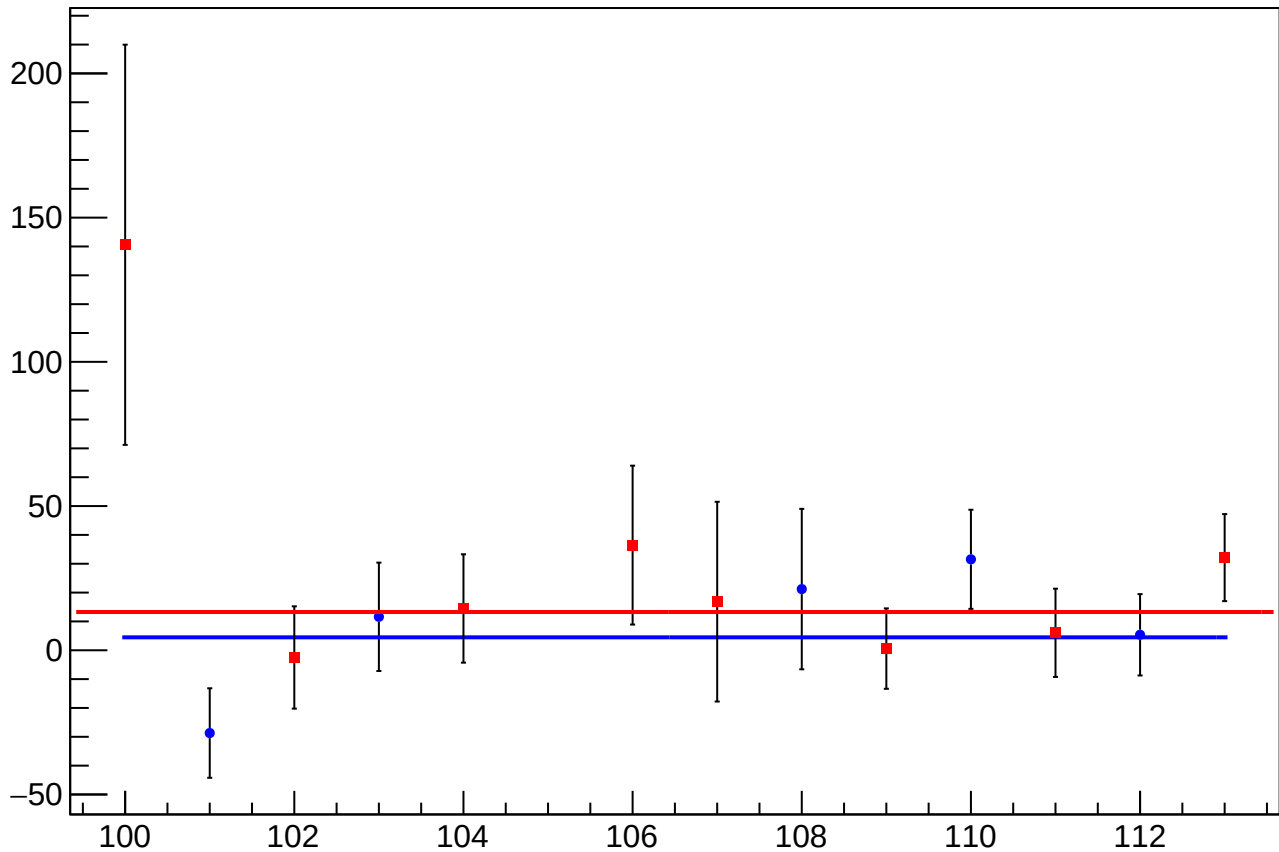
Right: 6.956 $\pm$ 0.002 χ^2 /NDF: 120691.3/12

In: 6.908 $\pm$ 0.003 χ^2 /NDF:93966.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 6.956 $\pm$ 0.002 χ^2 /NDF: 120691.3/12

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: 13.269+/-6.714 χ^2/NDF : 7.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

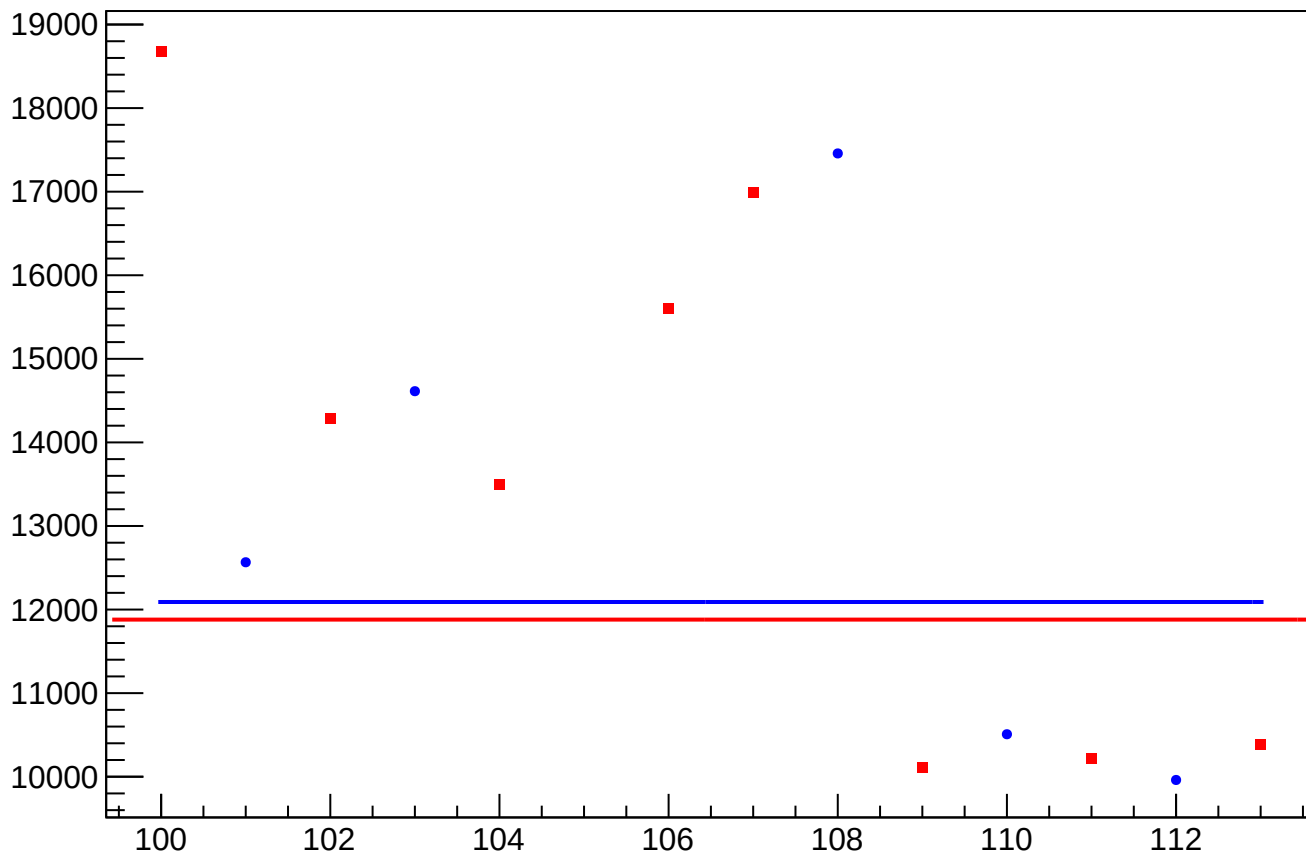
Right: 9.498+/-5.072 χ^2/NDF : 15.8/12

In: 4.487+/-7.740 χ^2/NDF : 7.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.498+/-5.072 χ^2/NDF : 15.8/12

diff_targ_positionX_rms vs Slug, Sign Corrected



Right In: 12090.523 ± 5.473 $\chi^2/\text{NDF}: 174955.0/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 11879.841 ± 4.748 $\chi^2/\text{NDF}: 226417.0/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

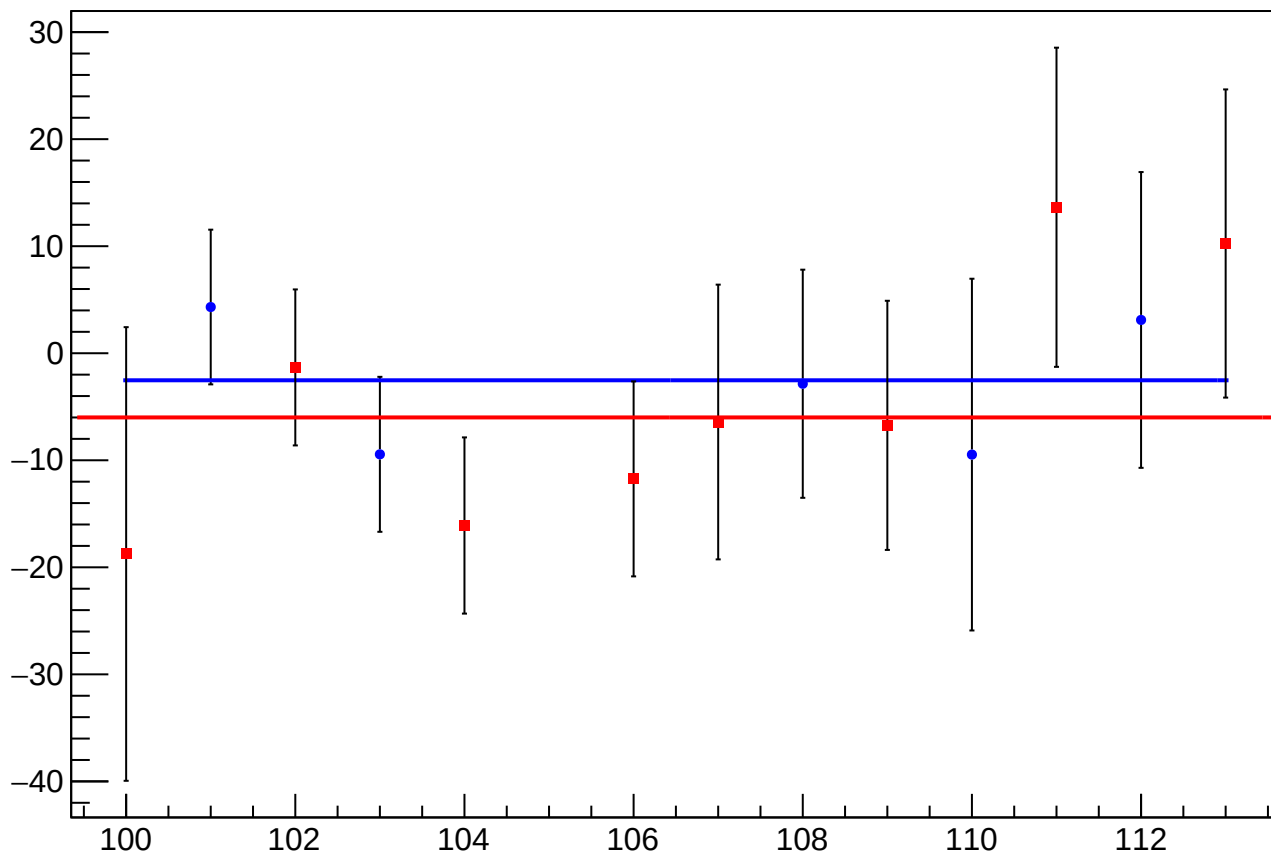
Right: 11970.310 ± 3.586 $\chi^2/\text{NDF}: 402217.5/12$

In: 12090.523 ± 5.473 $\chi^2/\text{NDF}: 174955.0/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 11970.310 ± 3.586 $\chi^2/\text{NDF}: 402217.5/12$

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: -5.997+/-3.762 χ^2/NDF : 5.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

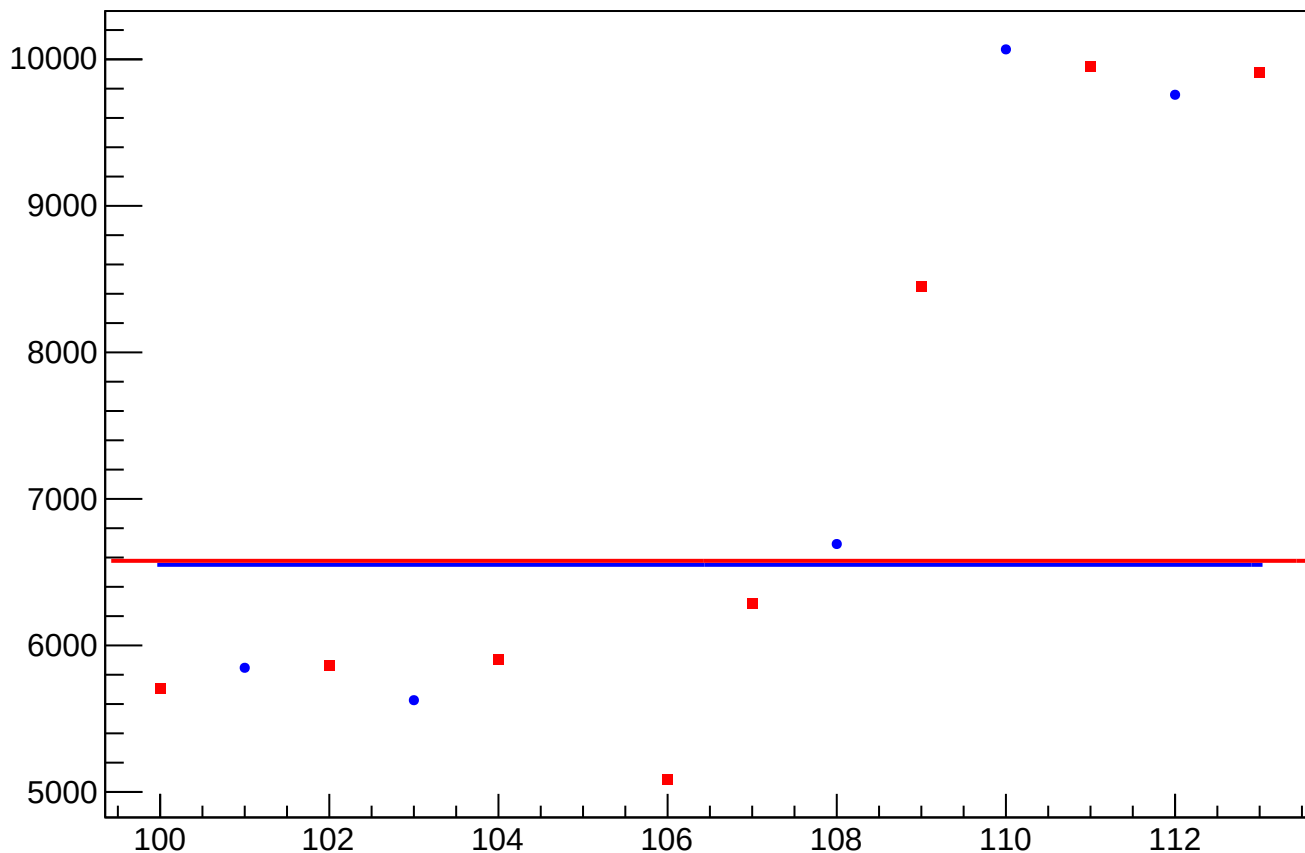
Right: -4.463+/-2.810 χ^2/NDF : 8.2/12

In: -2.527+/-4.227 χ^2/NDF : 2.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.463+/-2.810 χ^2/NDF : 8.2/12

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: 6577.440+/-2.660 χ^2/NDF : 351899.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

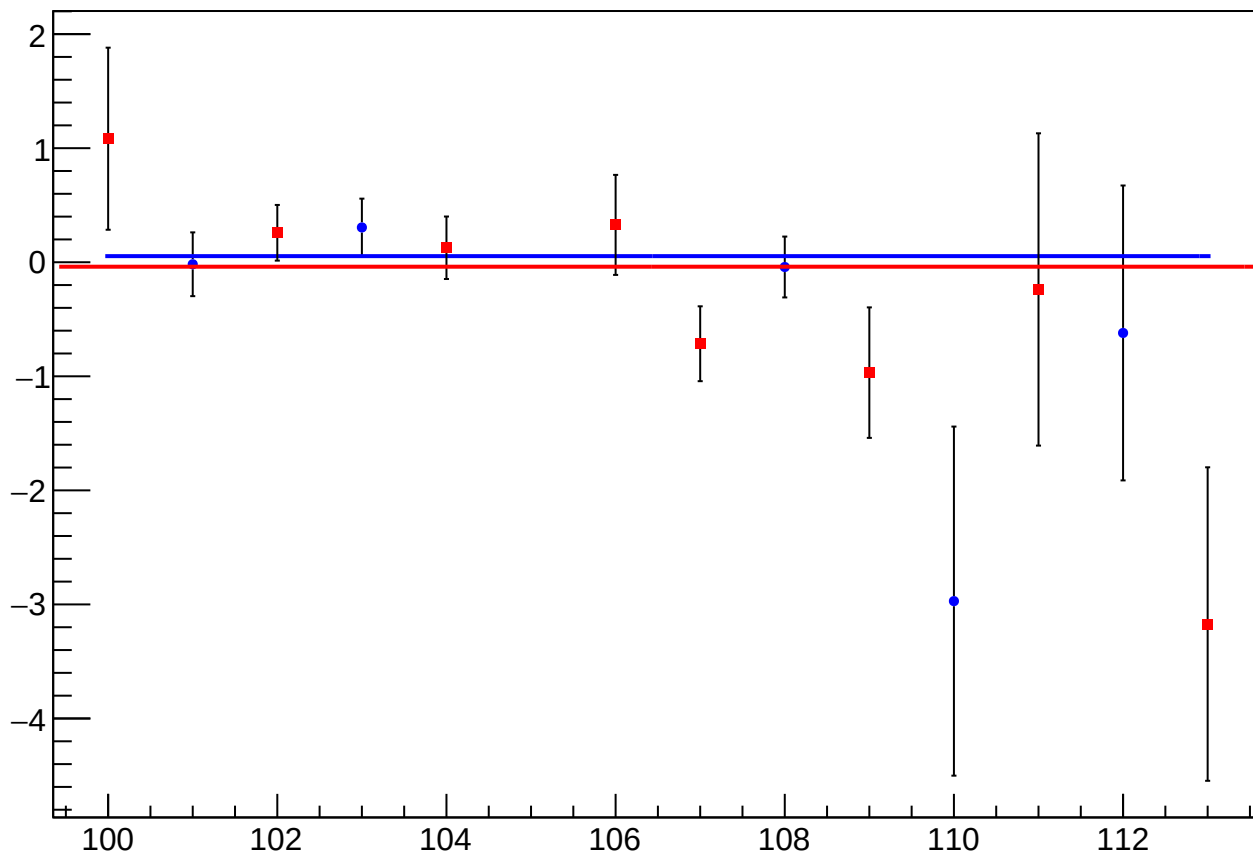
Right: 6565.426+/-1.987 χ^2/NDF : 603281.7/12

In: 6550.262+/-2.989 χ^2/NDF : 251335.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6565.426+/-1.987 χ^2/NDF : 603281.7/12

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: -0.039+/-0.141 χ^2/NDF : 16.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

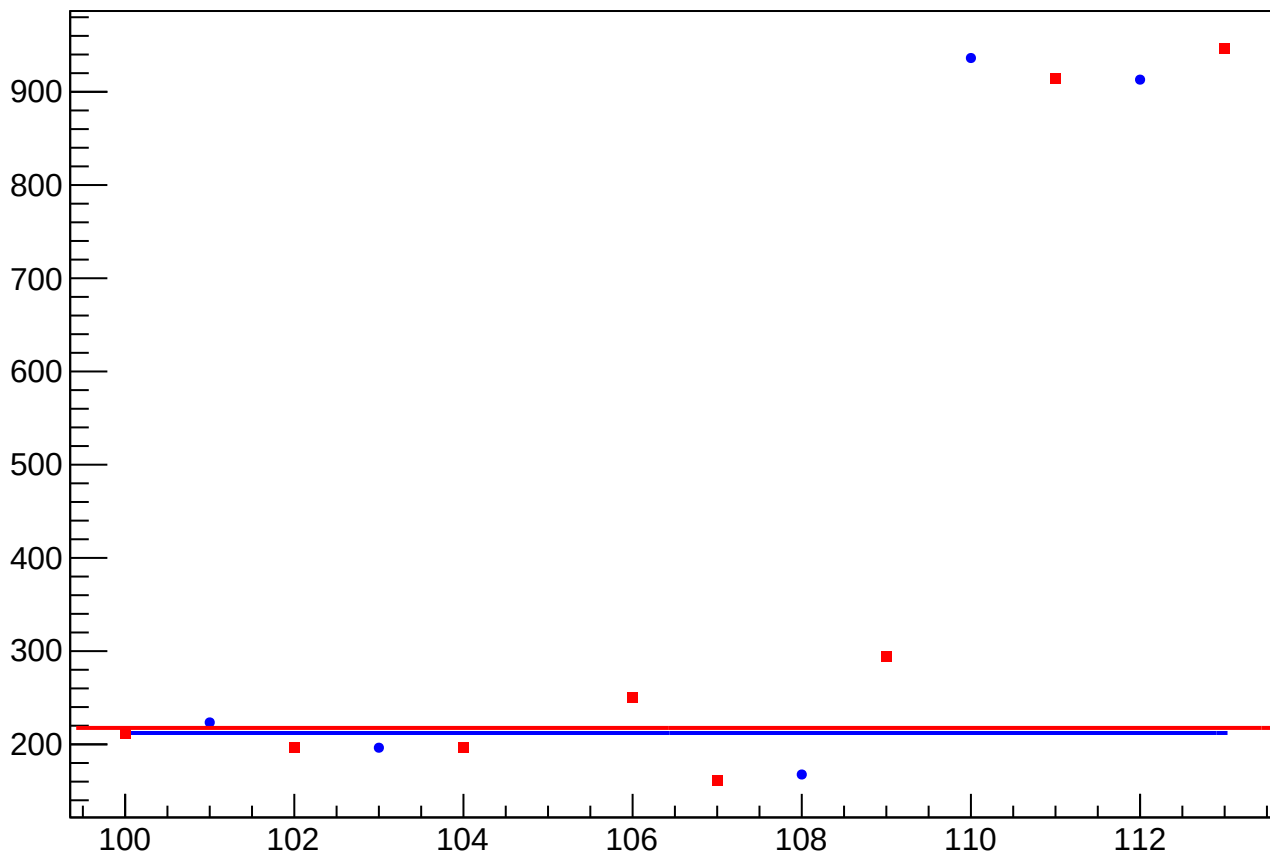
Right: 0.004+/-0.103 χ^2/NDF : 22.2/12

In: 0.054+/-0.152 χ^2/NDF : 5.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.103 χ^2/NDF : 22.2/12

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: 217.623+/-0.100 χ^2/NDF : 1213054.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

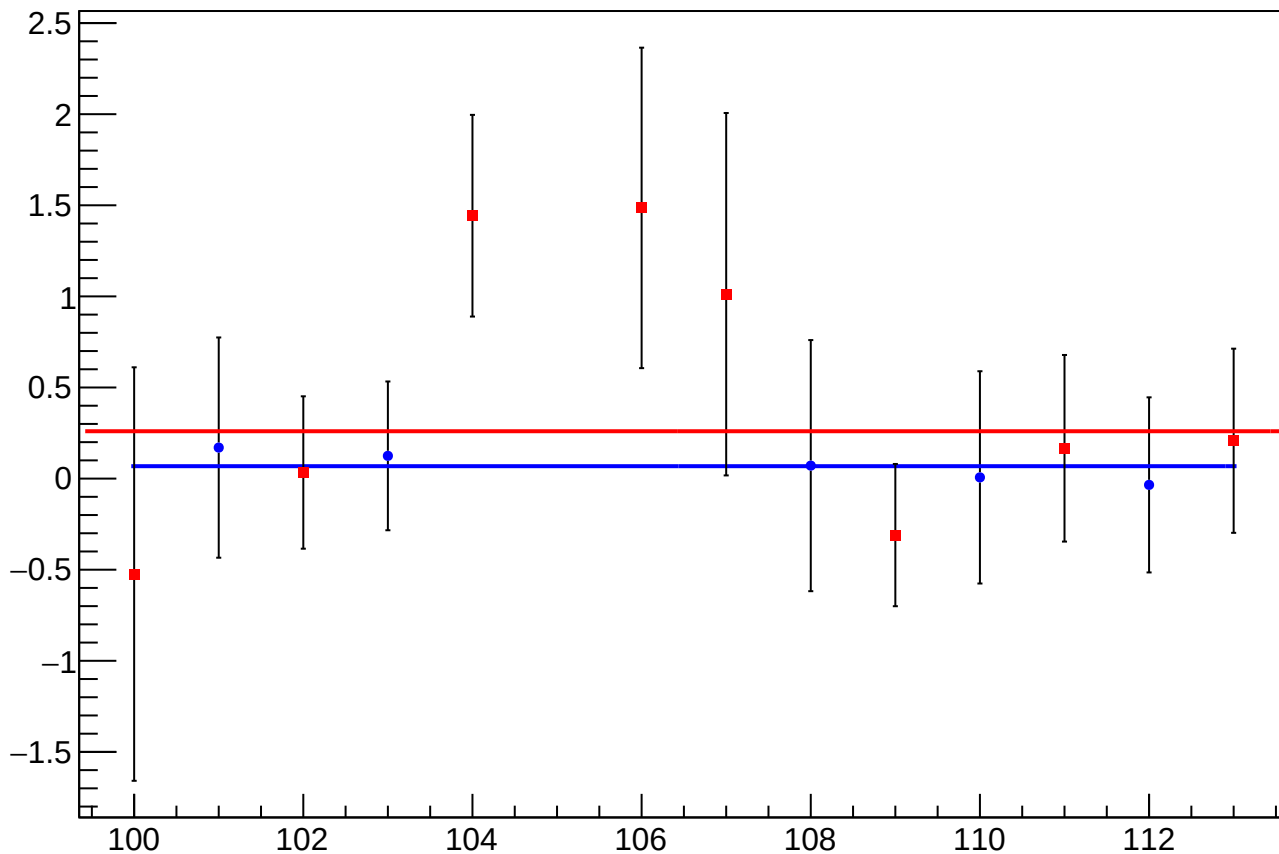
Right: 215.102+/-0.073 χ^2/NDF : 2316916.0/12

In: 212.190+/-0.107 χ^2/NDF : 1102483.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 215.102+/-0.073 χ^2/NDF : 2316916.0/12

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: 0.260 $\pm$ 0.195 χ^2 /NDF: 10.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

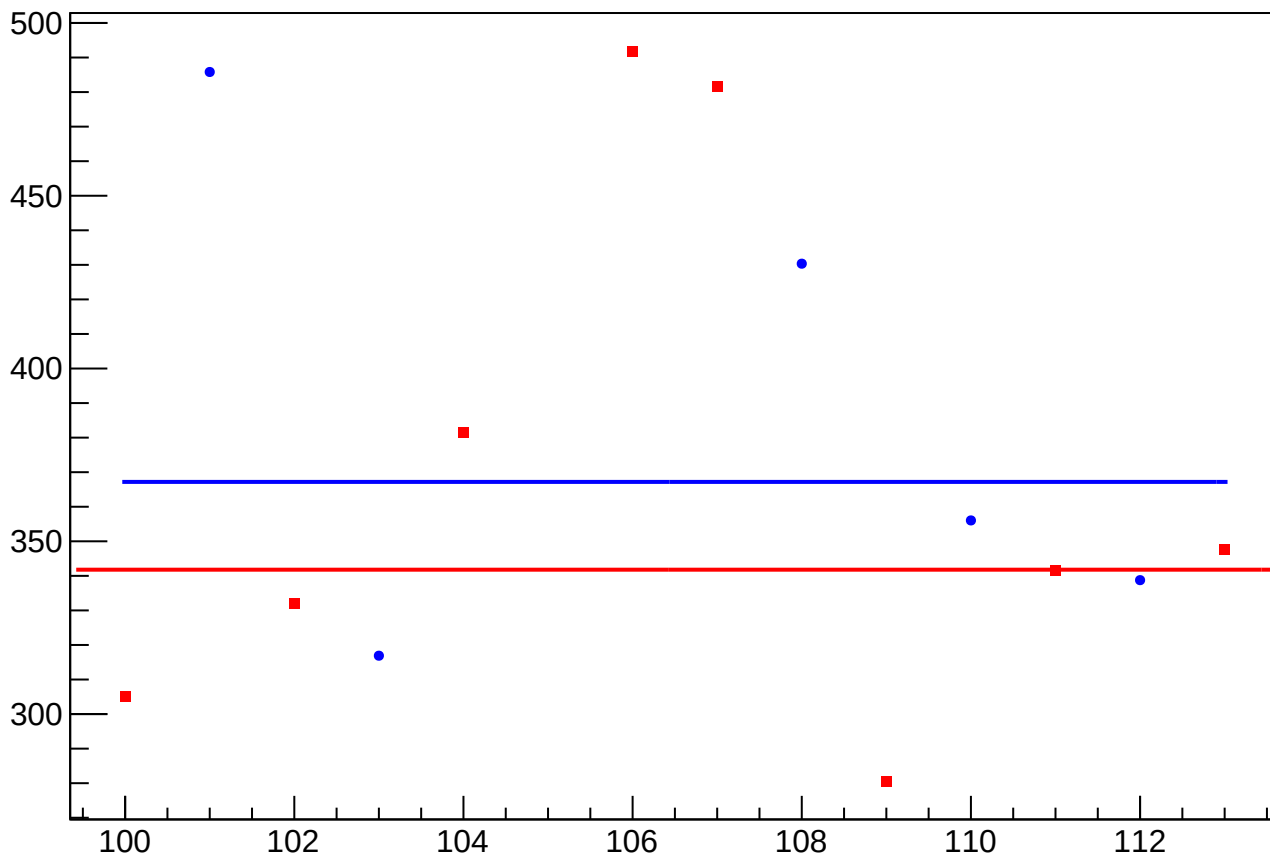
Right: 0.182 $\pm$ 0.150 χ^2 /NDF: 10.5/12

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: 0.182 $\pm$ 0.150 χ^2 /NDF: 10.5/12

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: 341.786+/-0.138 χ^2/NDF : 160940.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

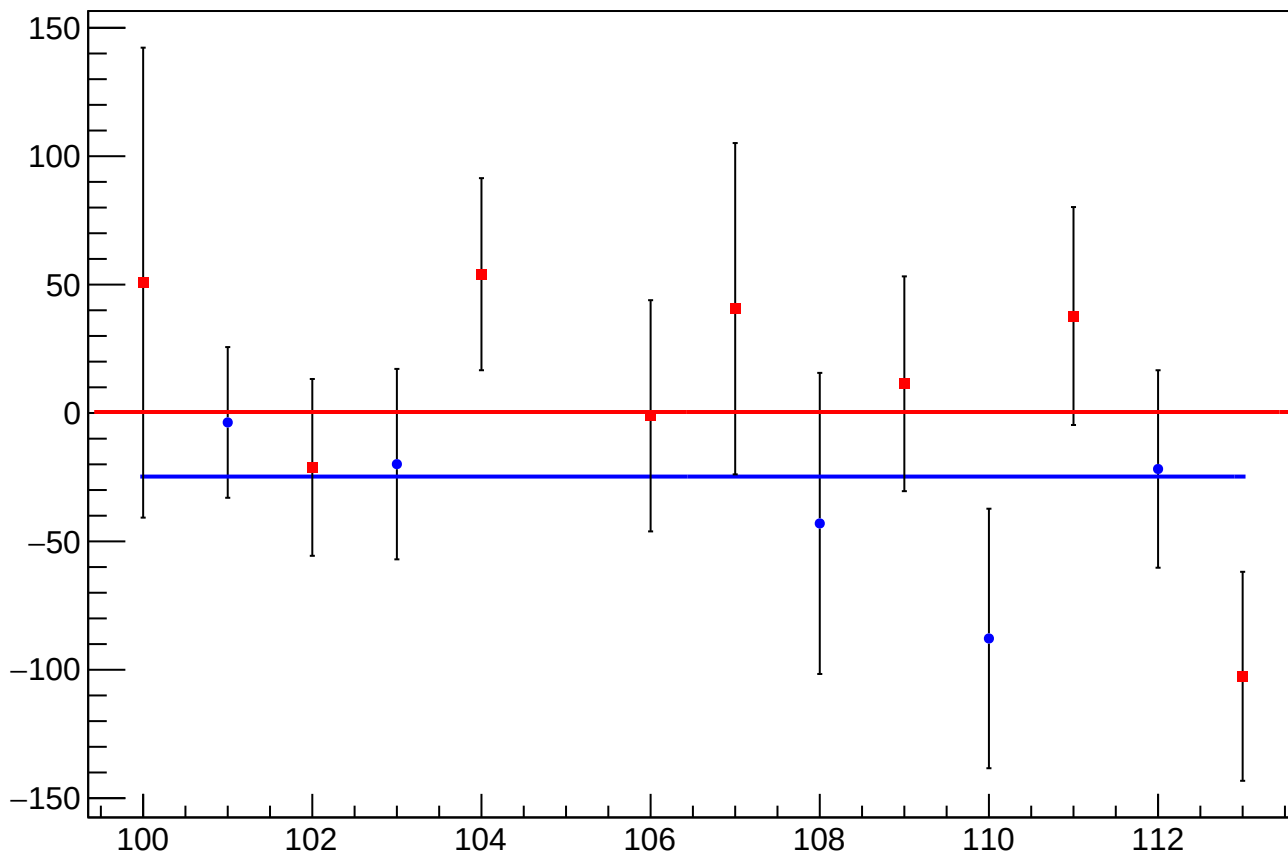
Right: 352.136+/-0.106 χ^2/NDF : 306730.5/12

In: 367.190+/-0.166 χ^2/NDF : 131930.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 352.136+/-0.106 χ^2/NDF : 306730.5/12

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: 0.387 $\pm$ 15.538 χ^2 /NDF: 10.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

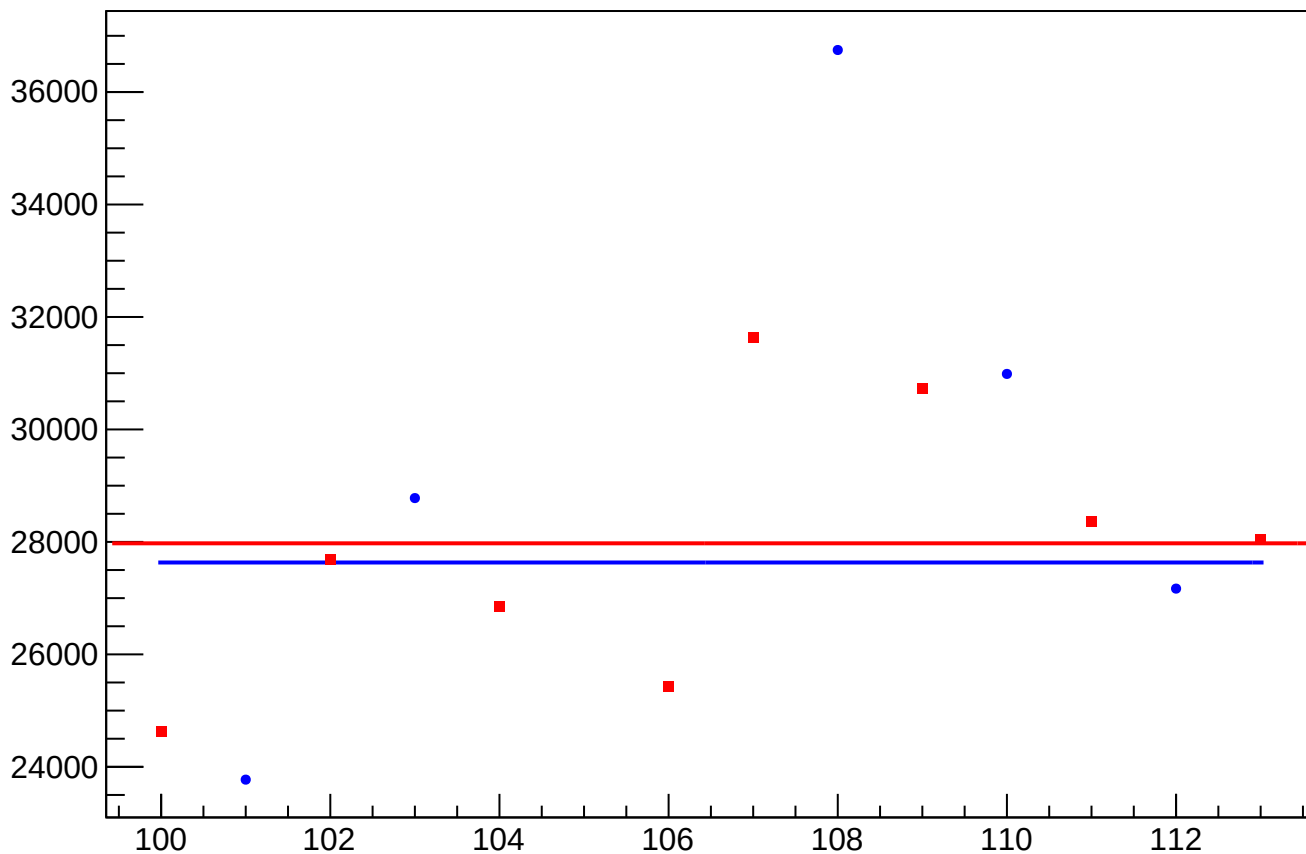
Right: -10.663 $\pm$ 11.633 χ^2 /NDF: 13.7/12

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: -10.663 $\pm$ 11.633 χ^2 /NDF: 13.7/12

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: 27975.041+/-10.987 χ^2/NDF : 26301.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

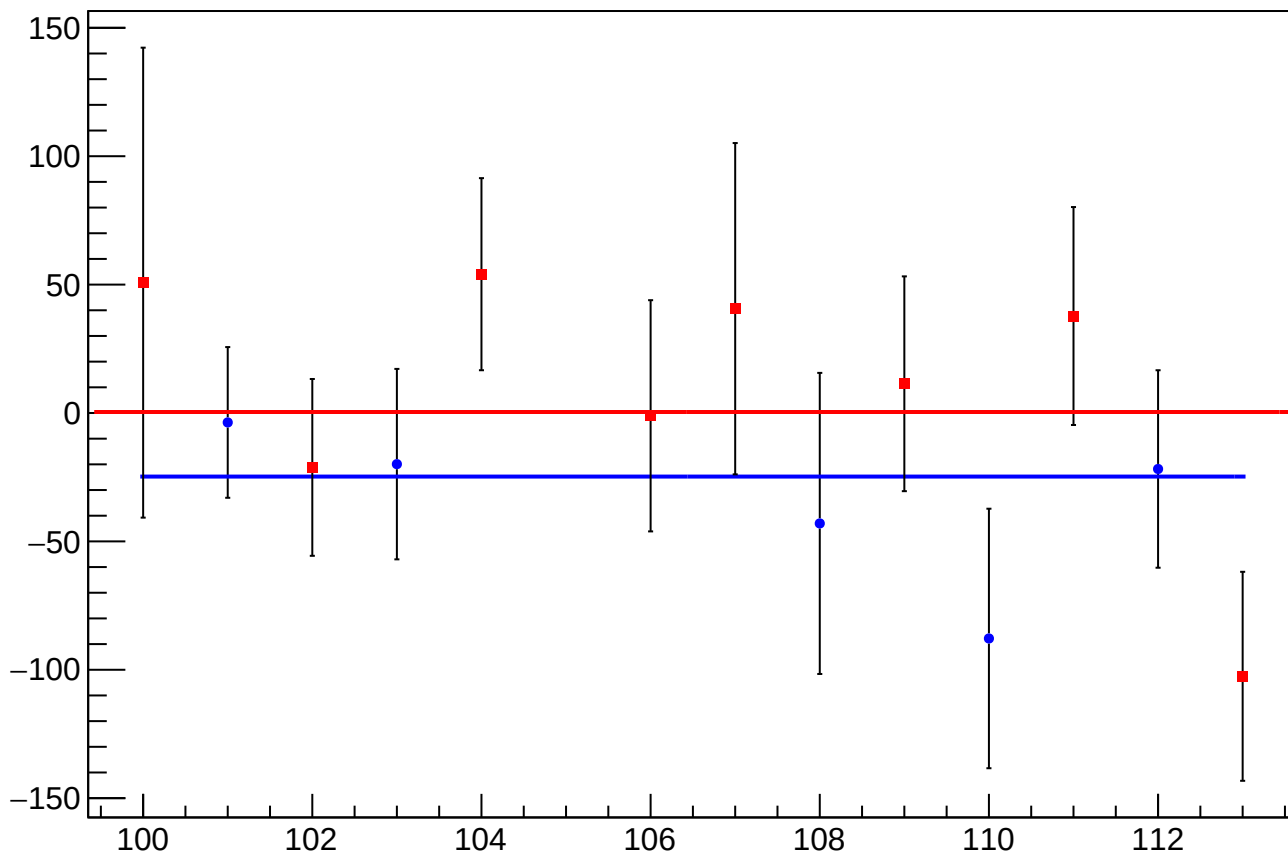
Right: 27825.129+/-8.226 χ^2/NDF : 120691.3/12

In: 27633.906+/-12.409 χ^2/NDF : 93966.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27825.129+/-8.226 χ^2/NDF : 120691.3/12

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: 0.387 $\pm$ 15.538 χ^2 /NDF: 10.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

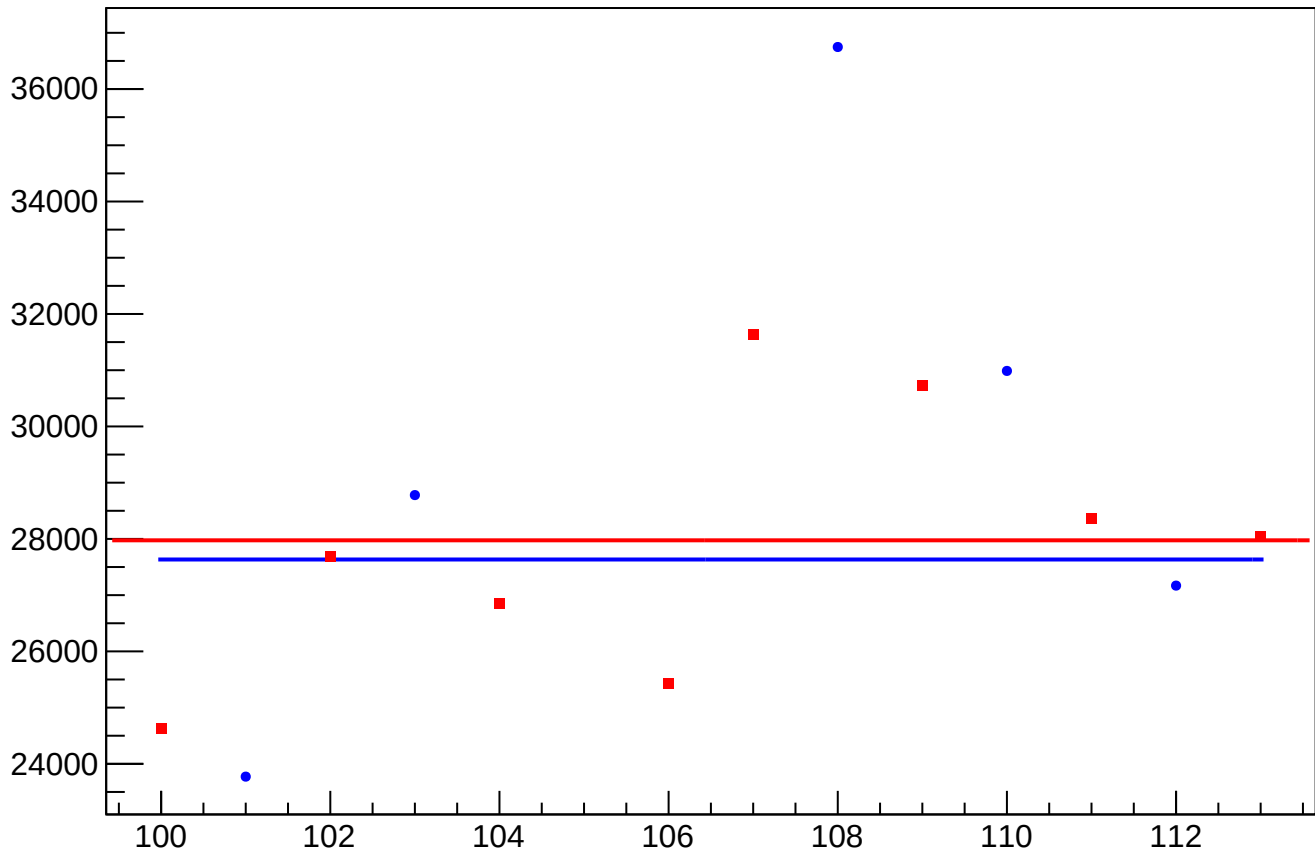
Right: -10.663 $\pm$ 11.633 χ^2 /NDF: 13.7/12

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: -10.663 $\pm$ 11.633 χ^2 /NDF: 13.7/12

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: 27975.041+/-10.987 χ^2/NDF : 26301.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

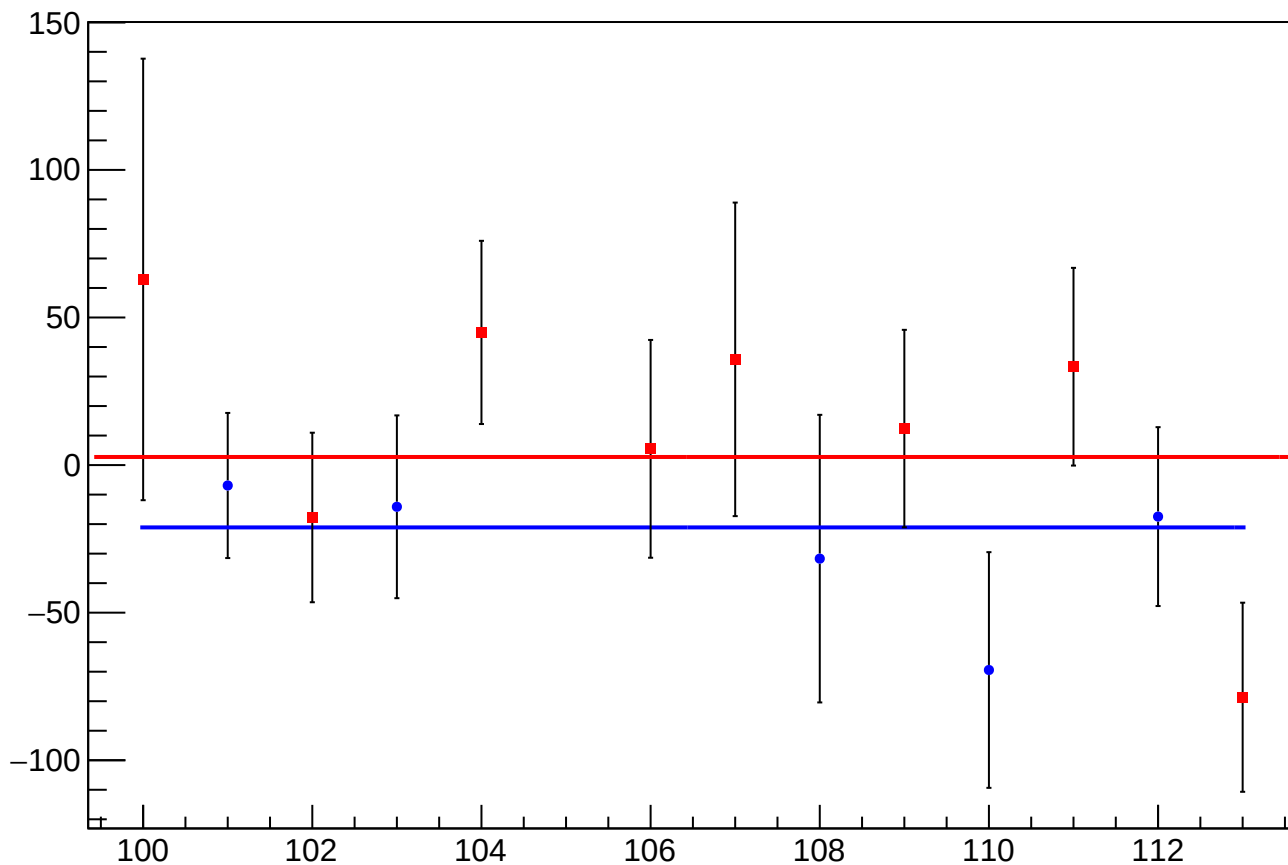
Right: 27825.129+/-8.226 χ^2/NDF : 120691.3/12

In: 27633.906+/-12.409 χ^2/NDF : 93966.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27825.129+/-8.226 χ^2/NDF : 120691.3/12

diff_bpmE_11X12X_mean vs Slug, Sign Corrected



Right In: -21.116 ± 14.381 χ^2/NDF : 1.9/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.744 ± 12.620 χ^2/NDF : 10.8/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

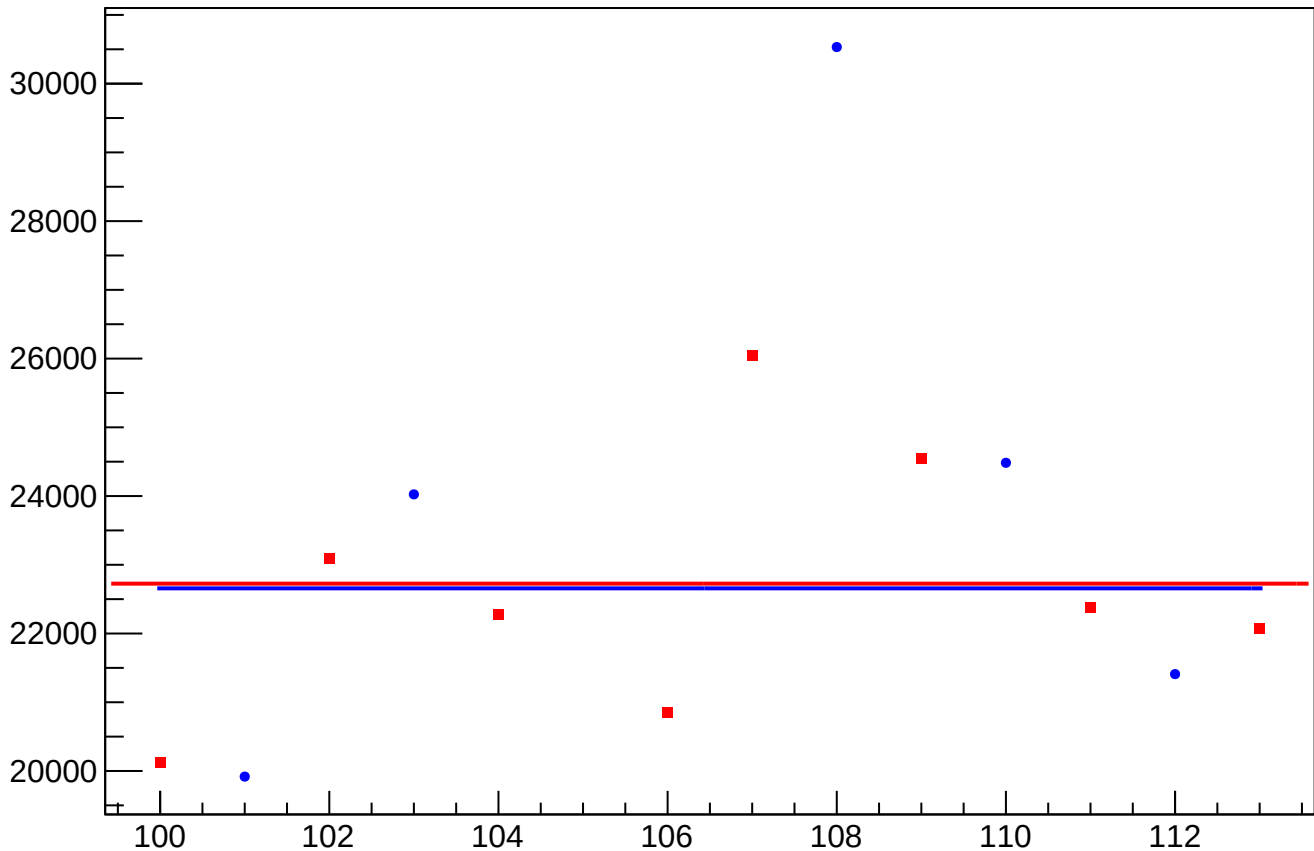
Right: -7.637 ± 9.486 χ^2/NDF : 14.2/12

In: -21.116 ± 14.381 χ^2/NDF : 1.9/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.637 ± 9.486 χ^2/NDF : 14.2/12

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: 22725.608+/-8.924 χ^2/NDF : 23111.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

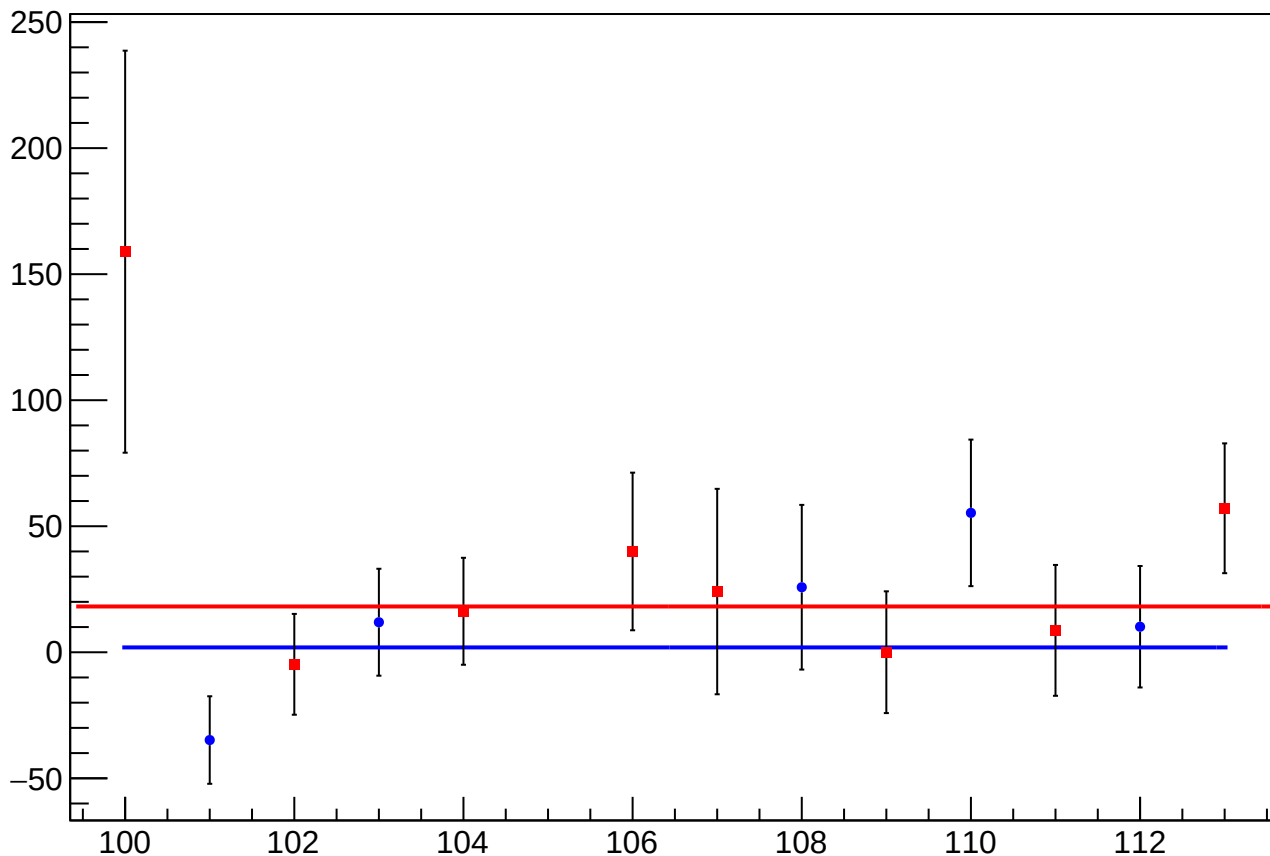
Right: 22695.796+/-6.707 χ^2/NDF : 111707.7/12

In: 22657.088+/-10.169 χ^2/NDF : 88571.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22695.796+/-6.707 χ^2/NDF : 111707.7/12

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: 18.167+/-9.444 χ^2/NDF : 7.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

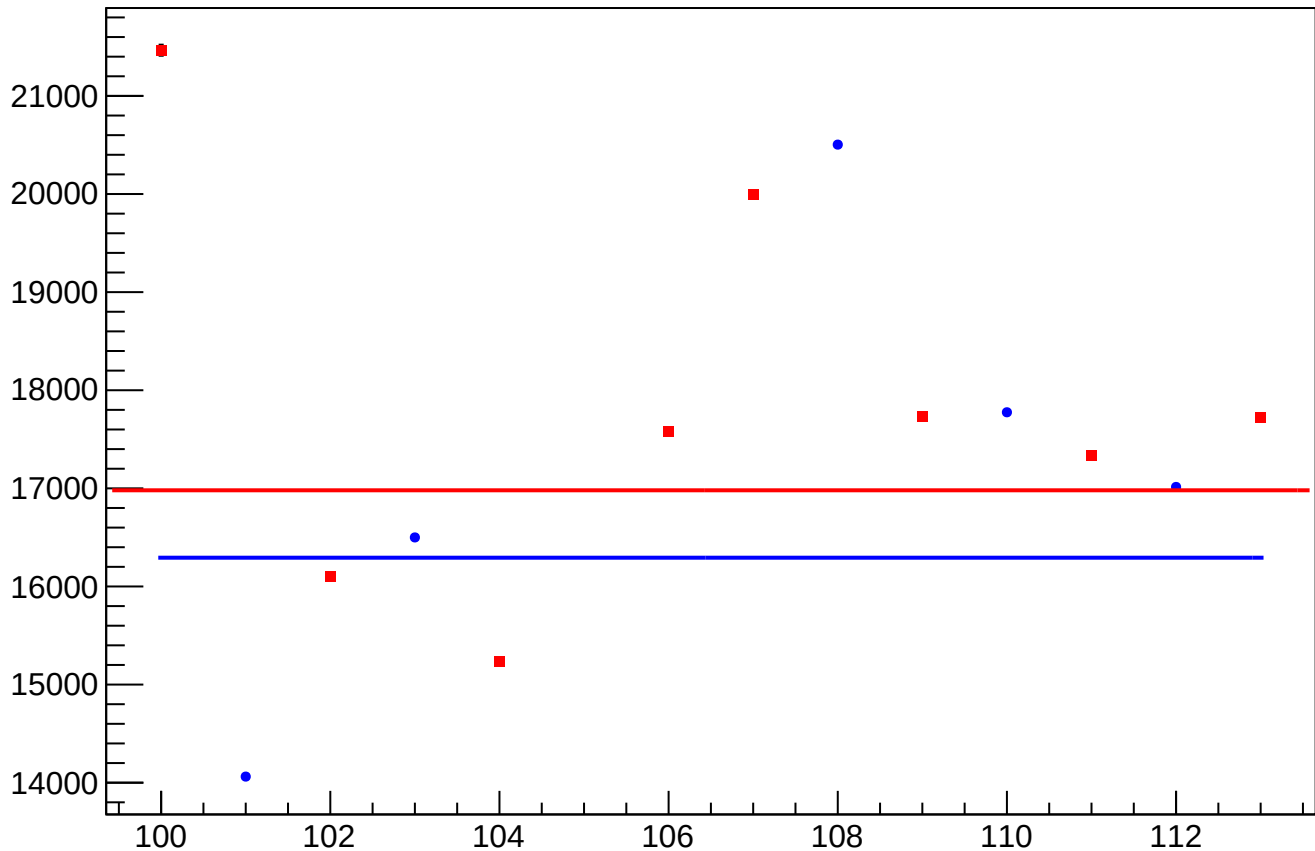
Right: 10.766+/-6.968 χ^2/NDF : 18.0/12

In: 1.924+/-10.324 χ^2/NDF : 8.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.766+/-6.968 χ^2/NDF : 18.0/12

diff_bpm4aesumX_rms vs Slug, Sign Corrected



Right In: 16293.201+/-7.300 χ^2/NDF : 73432.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16980.191+/-6.678 χ^2/NDF : 39301.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

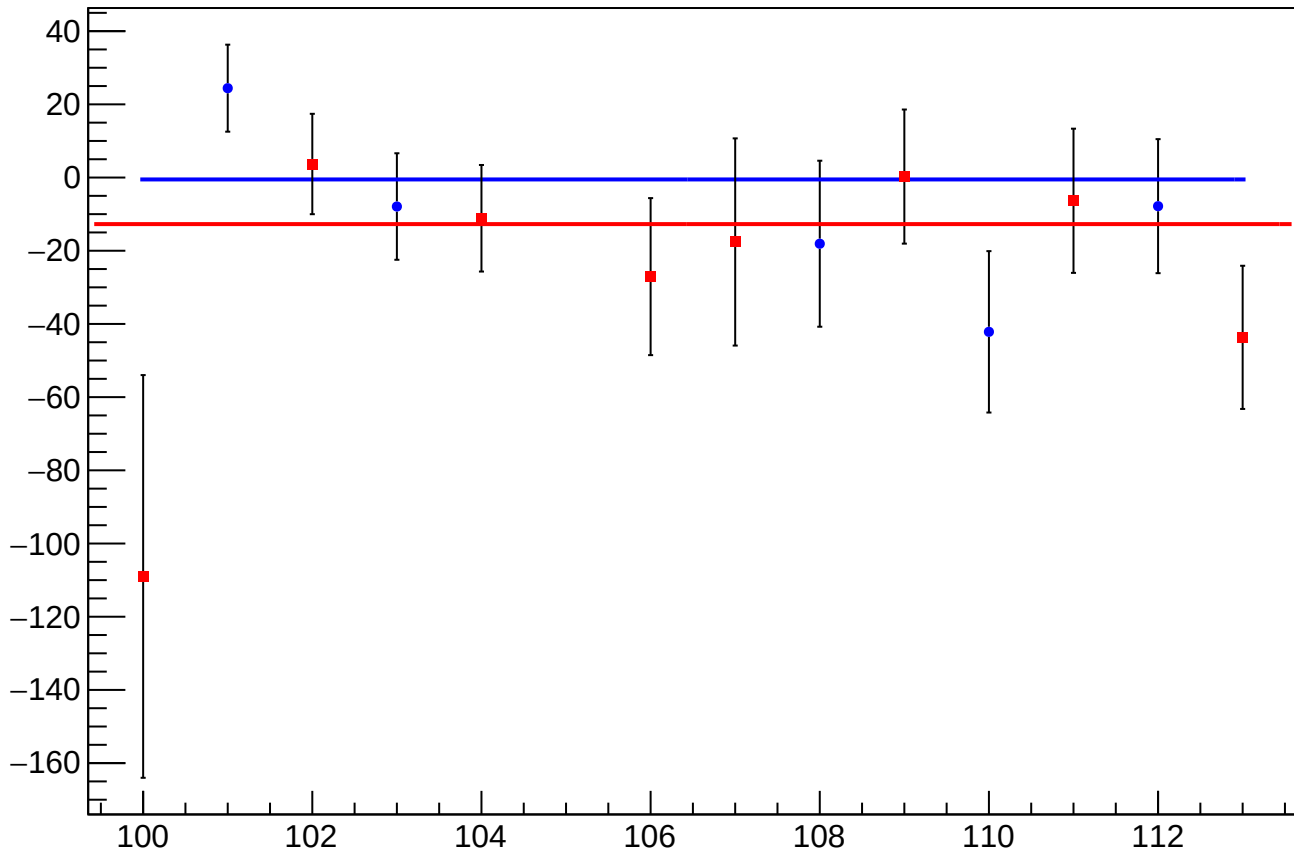
Right: 16667.187+/-4.927 χ^2/NDF : 117555.1/12

In: 16293.201+/-7.300 χ^2/NDF : 73432.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16667.187+/-4.927 χ^2/NDF : 117555.1/12

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: -12.721+/-6.749 χ^2/NDF : 8.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

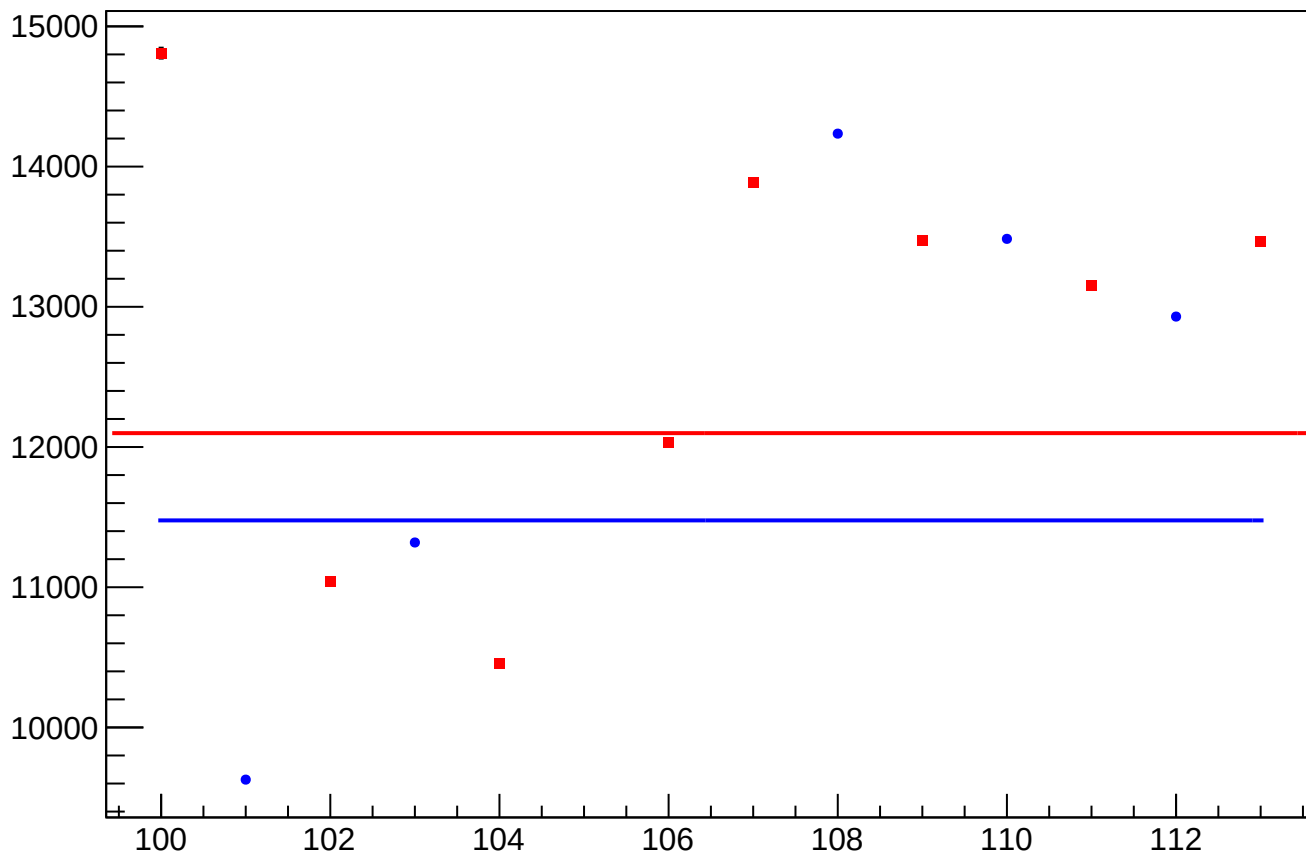
Right: -7.095+/-4.954 χ^2/NDF : 18.6/12

In: -0.519+/-7.297 χ^2/NDF : 9.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.095+/-4.954 χ^2/NDF : 18.6/12

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: 12098.997+/-4.772 χ^2/NDF : 77024.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

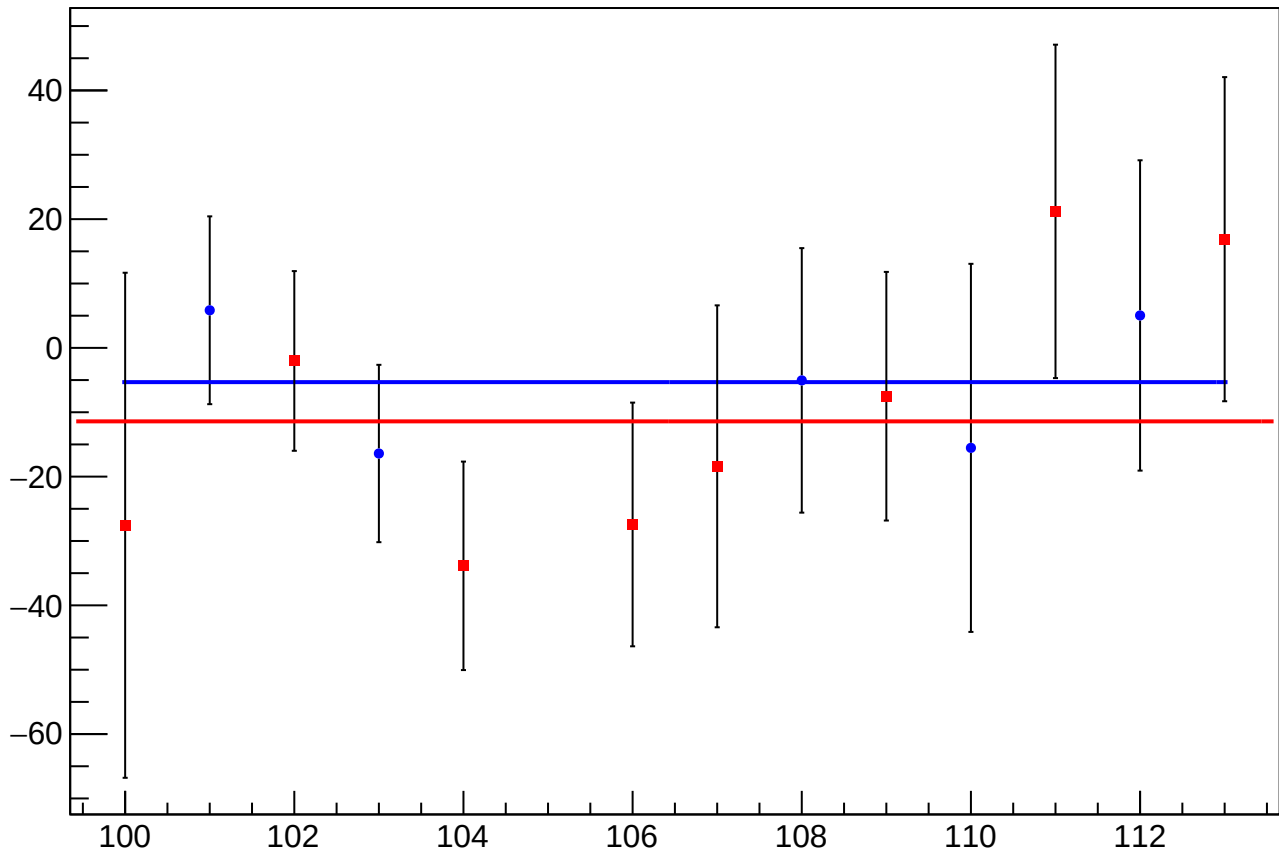
Right: 11812.058+/-3.503 χ^2/NDF : 192251.2/12

In: 11476.644+/-5.159 χ^2/NDF : 107385.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11812.058+/-3.503 χ^2/NDF : 192251.2/12

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: -11.416+/-7.119 χ^2 /NDF: 6.2/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

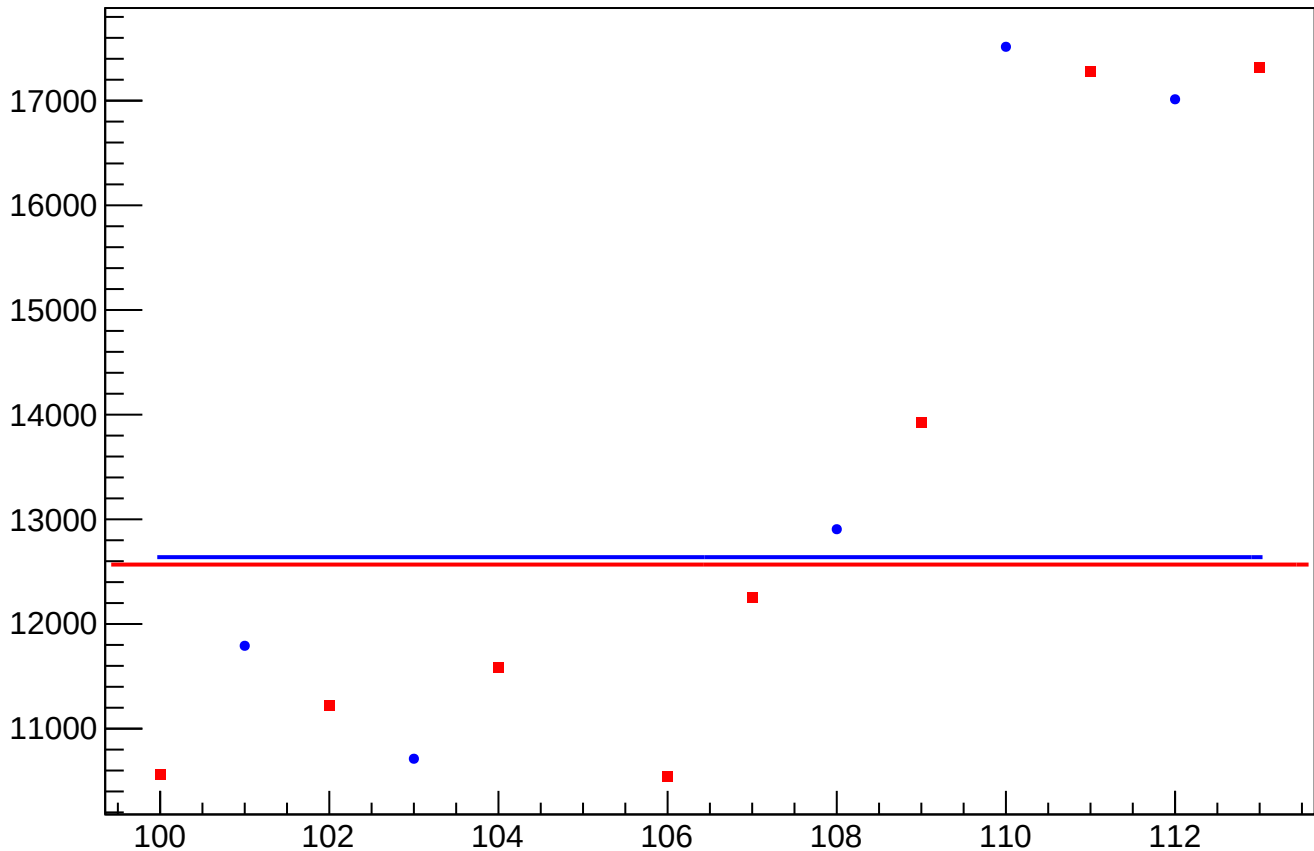
Right: -8.756+/-5.344 χ^2 /NDF: 8.1/12

In: -5.320+/-8.090 χ^2 /NDF:1.5/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -8.756+/-5.344 χ^2 /NDF: 8.1/12

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: 12567.806+/-5.034 χ^2/NDF : 201742.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

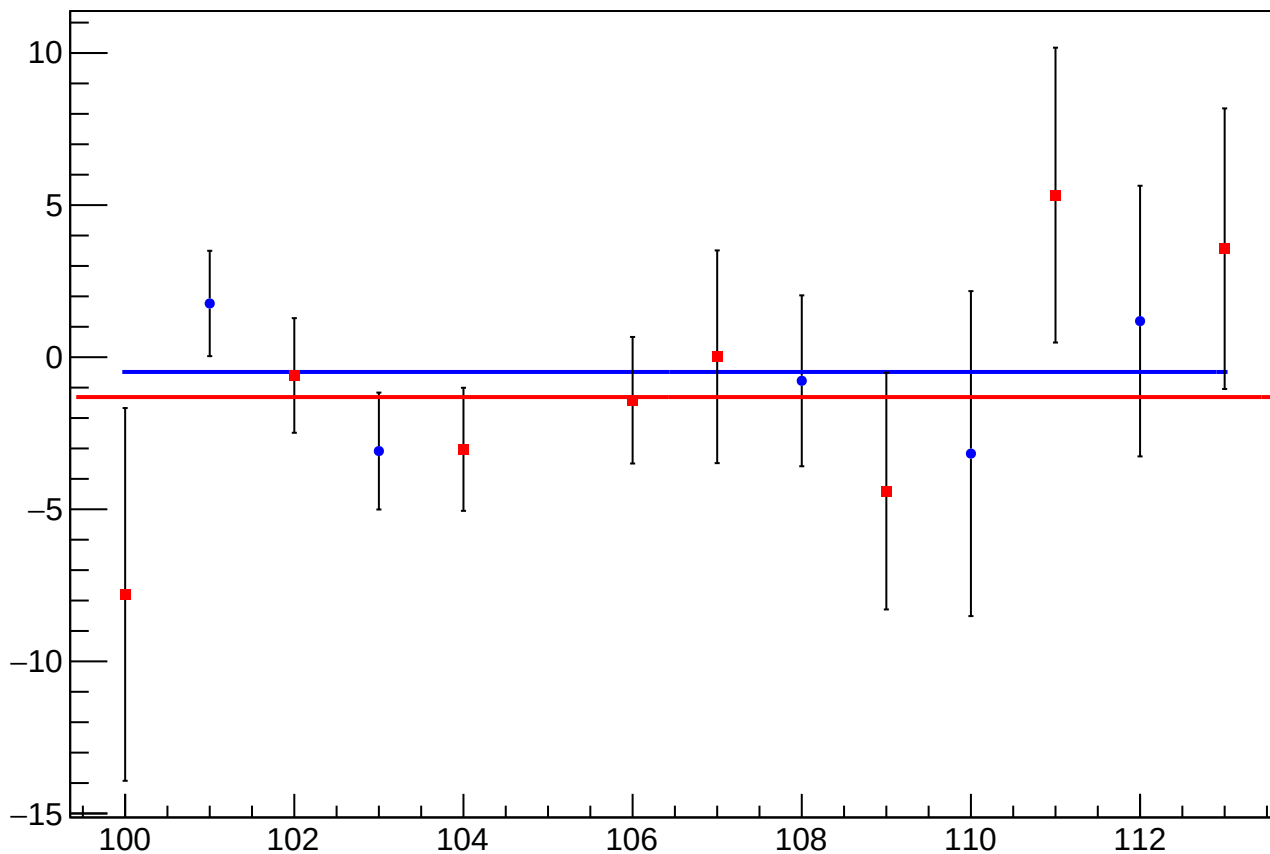
Right: 12598.673+/-3.779 χ^2/NDF : 371998.6/12

In: 12638.538+/-5.721 χ^2/NDF : 170169.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12598.673+/-3.779 χ^2/NDF : 371998.6/12

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: -1.311+/-0.990 χ^2/NDF : 5.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

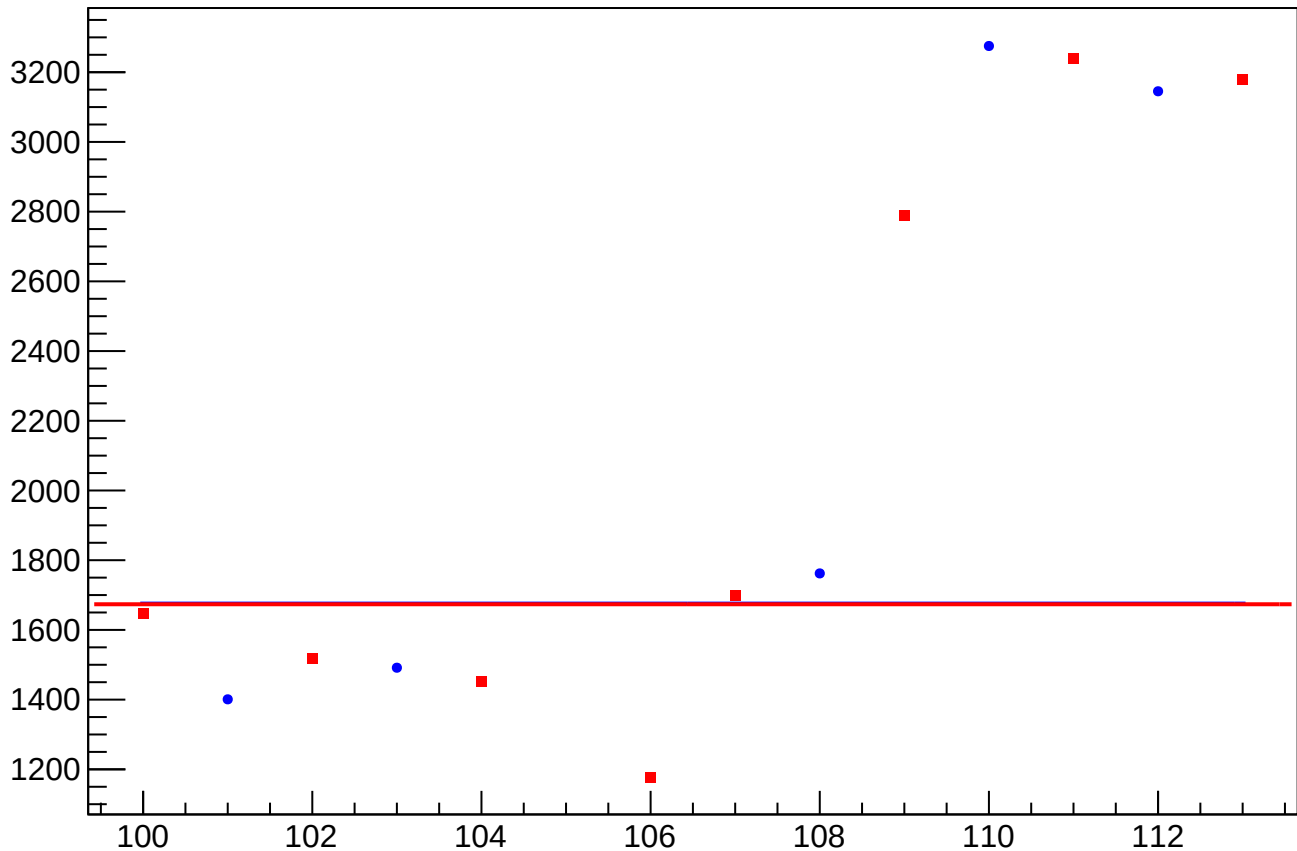
Right: -0.944+/-0.738 χ^2/NDF : 10.0/12

In: -0.485+/-1.107 χ^2/NDF : 3.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.944+/-0.738 χ^2/NDF : 10.0/12

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: 1673.600+/-0.700 χ^2/NDF : 737569.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

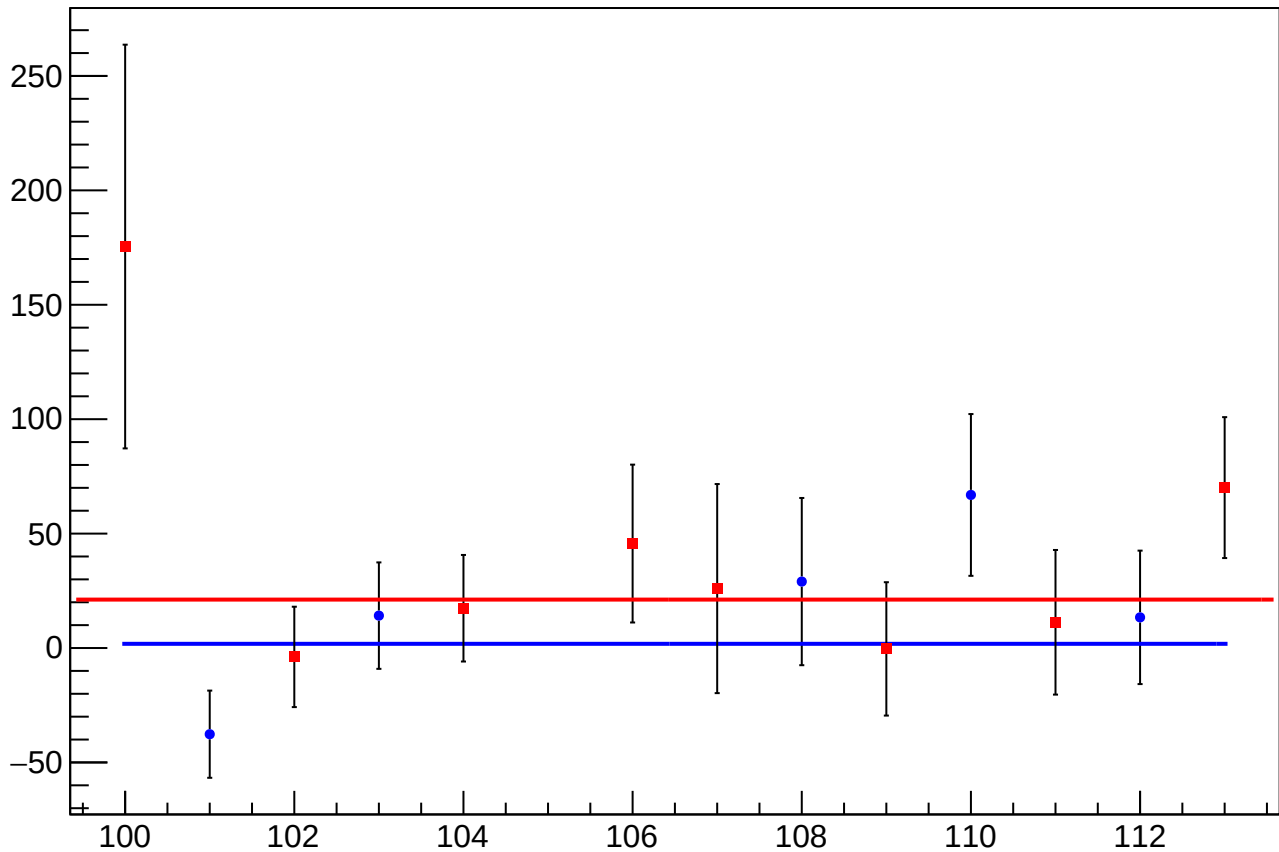
Right: 1674.415+/-0.522 χ^2/NDF : 1205791.2/12

In: 1675.435+/-0.783 χ^2/NDF : 468218.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1674.415+/-0.522 χ^2/NDF : 1205791.2/12

diff_bpmtargetsumX_mean vs Slug, Sign Corrected



Right In: 1.837 $\pm$ 11.681 χ^2 /NDF: 8.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 21.164 $\pm$ 10.780 χ^2 /NDF: 8.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

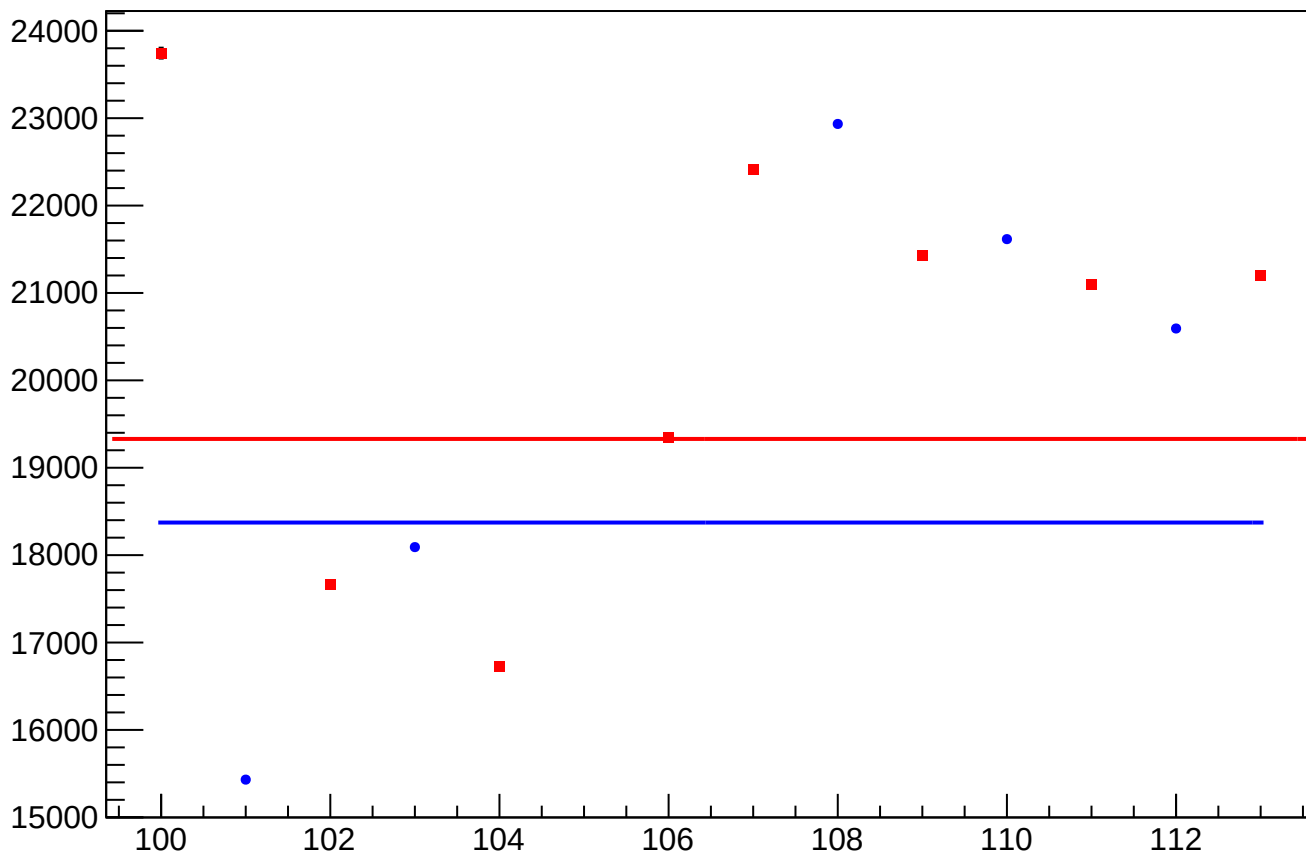
Right: 12.274 $\pm$ 7.922 χ^2 /NDF: 18.2/12

In: 1.837 $\pm$ 11.681 χ^2 /NDF:8.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 12.274 $\pm$ 7.922 χ^2 /NDF: 18.2/12

diff_bpmtargetsumX_rms vs Slug, Sign Corrected



Right In: 18372.962+/-8.260 χ^2/NDF : 107566.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19329.632+/-7.623 χ^2/NDF : 74770.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

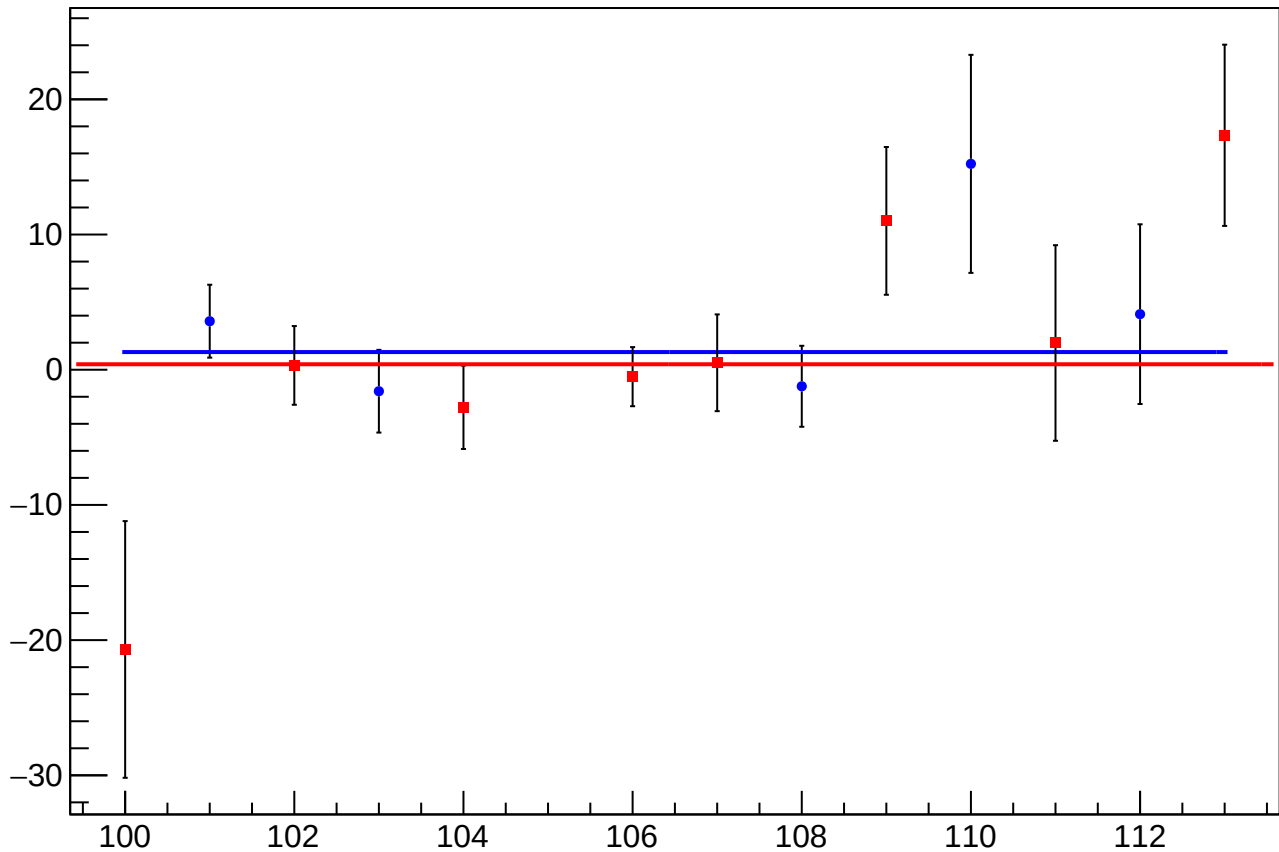
Right: 18889.600+/-5.602 χ^2/NDF : 189581.9/12

In: 18372.962+/-8.260 χ^2/NDF : 107566.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18889.600+/-5.602 χ^2/NDF : 189581.9/12

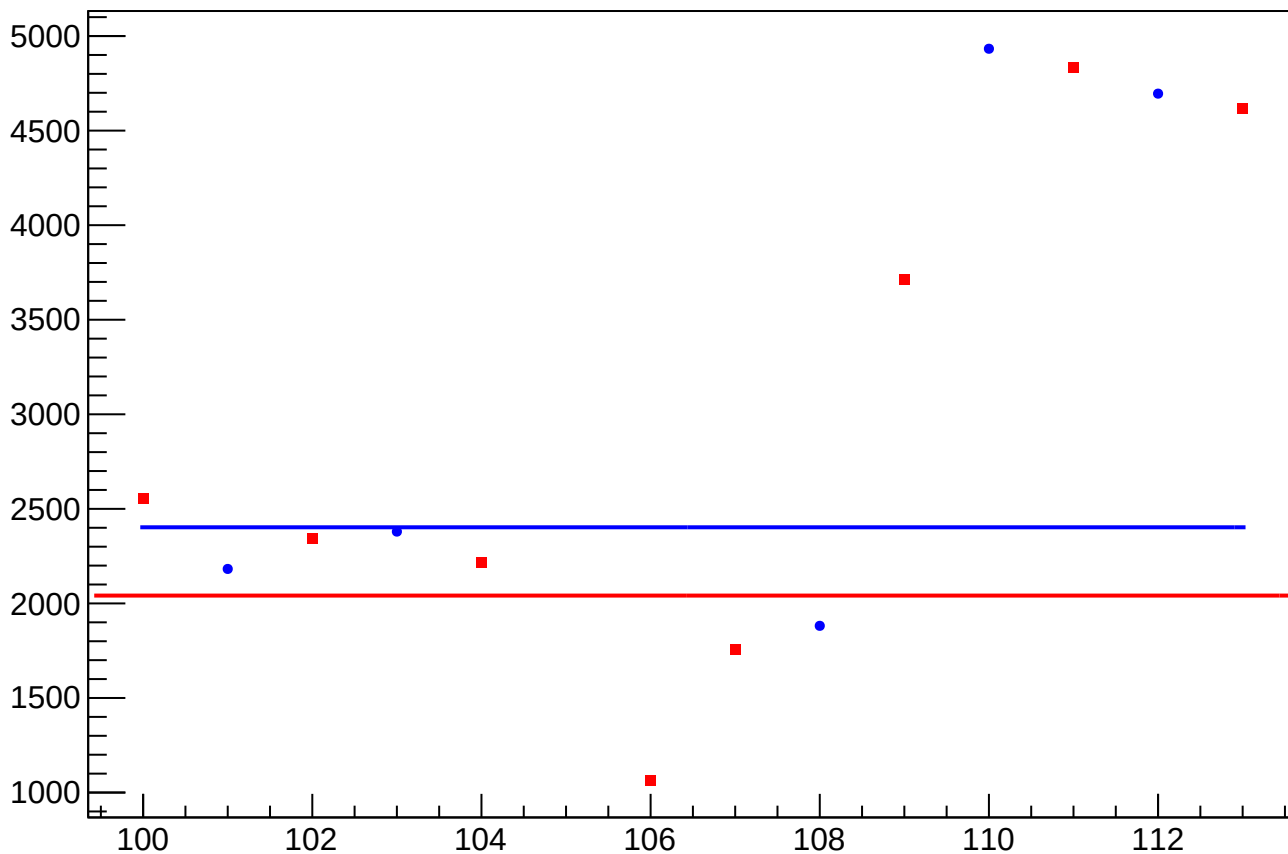
diff_bpmtargetdiffX_mean vs Slug, Sign Corrected



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: 0.405+/-1.295 χ^2/NDF : 16.4/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.764+/-1.005 χ^2/NDF : 22.1/12
 In: 1.307+/-1.593 χ^2/NDF : 5.5/4
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.764+/-1.005 χ^2/NDF : 22.1/12

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: 2041.472+/-0.916 χ^2/NDF : 1228157.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

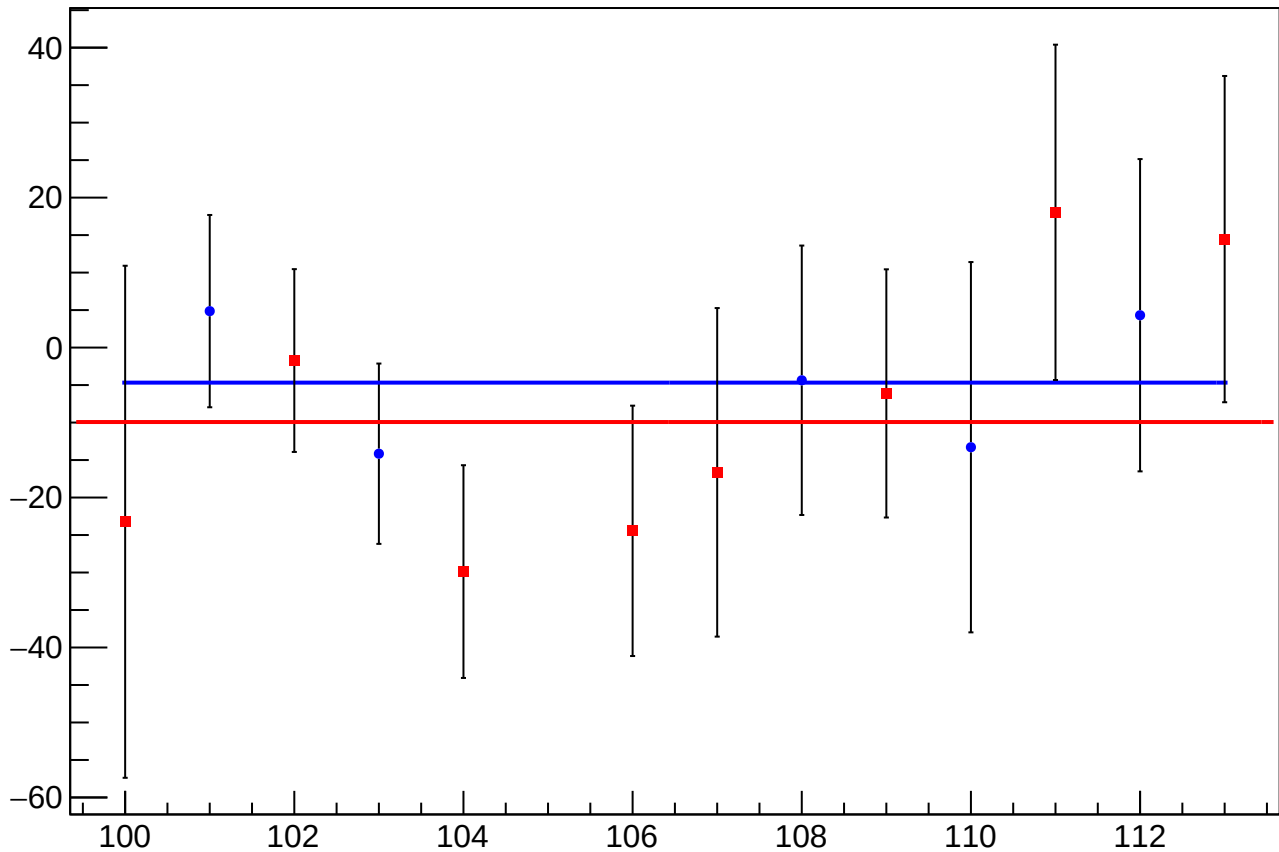
Right: 2185.118+/-0.711 χ^2/NDF : 1799004.7/12

In: 2402.557+/-1.127 χ^2/NDF : 508981.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2185.118+/-0.711 χ^2/NDF : 1799004.7/12

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: -9.930+/-6.203 χ^2/NDF : 6.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

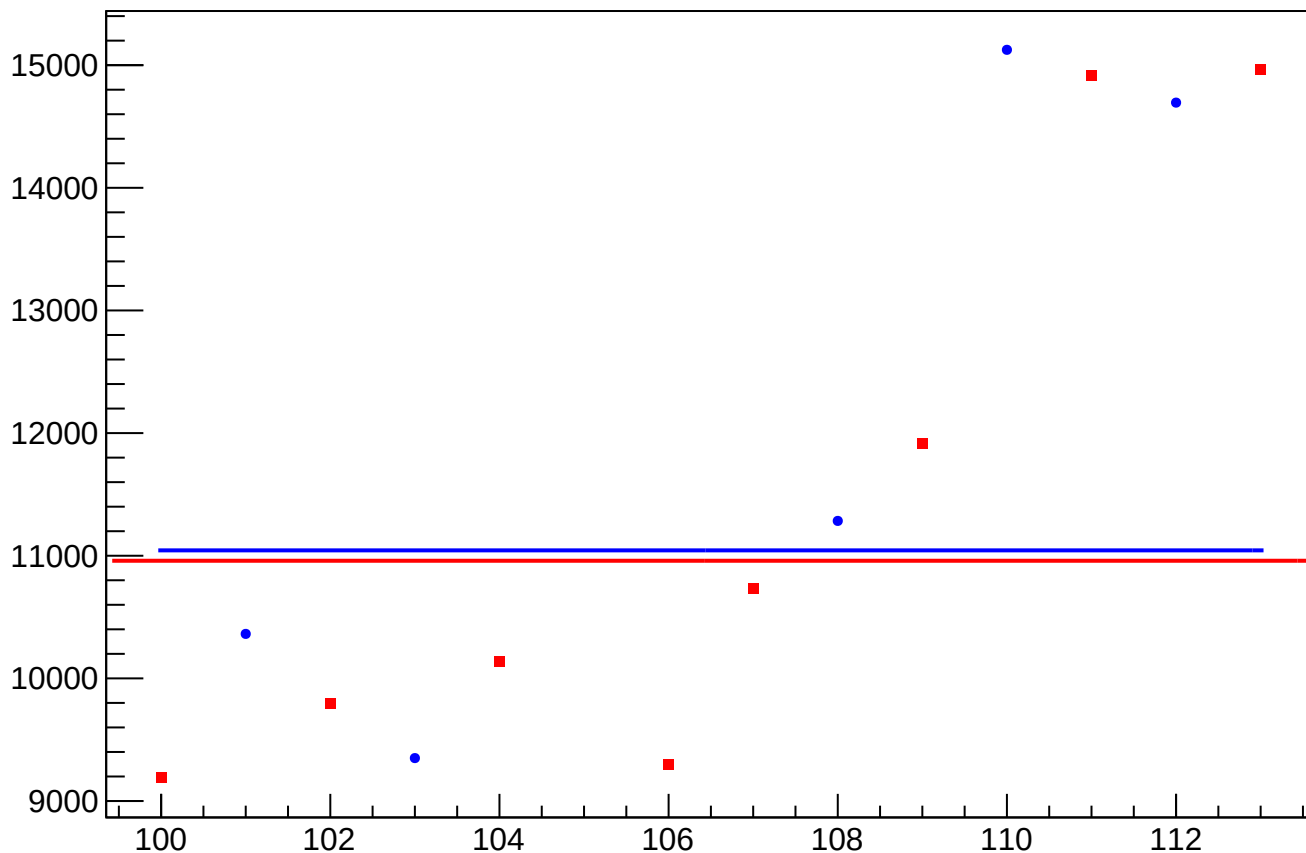
Right: -7.642+/-4.661 χ^2/NDF : 8.1/12

In: -4.675+/-7.064 χ^2/NDF : 1.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.642+/-4.661 χ^2/NDF : 8.1/12

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: 10959.130+/-4.386 χ^2/NDF : 187306.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

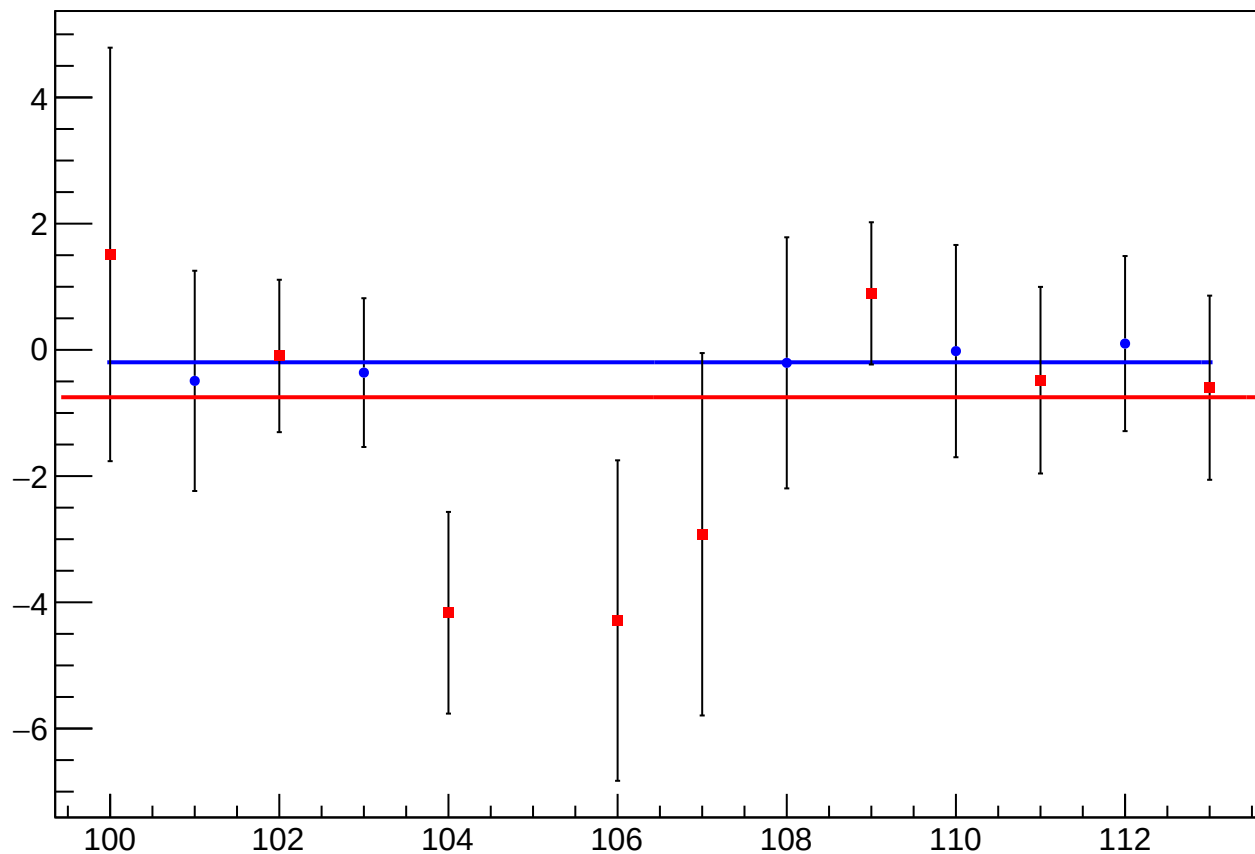
Right: 10995.998+/-3.296 χ^2/NDF : 349254.8/12

In: 11043.809+/-4.995 χ^2/NDF : 161786.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10995.998+/-3.296 χ^2/NDF : 349254.8/12

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: -0.750+/-0.562 χ^2/NDF : 10.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

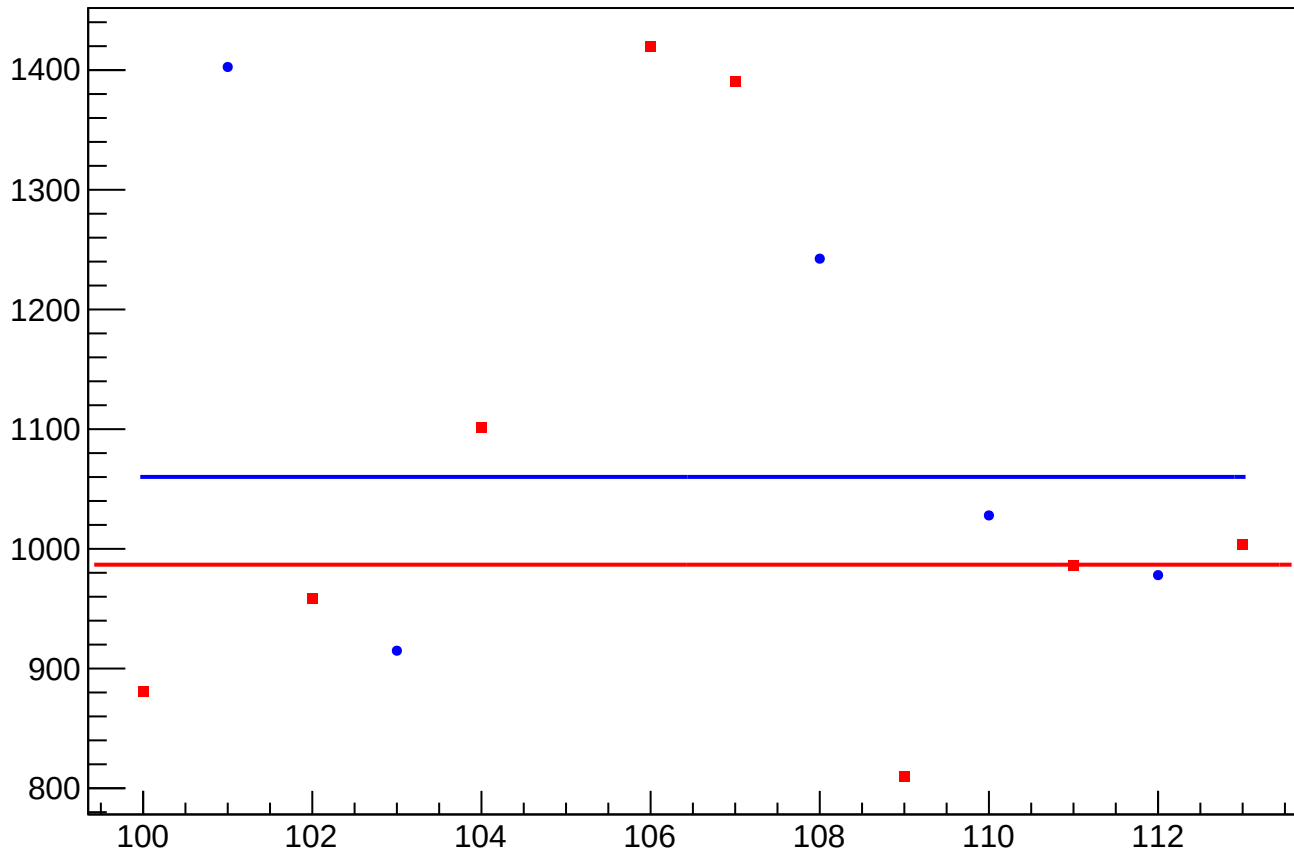
Right: -0.525+/-0.433 χ^2/NDF : 10.5/12

In: -0.197+/-0.678 χ^2/NDF : 0.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.525+/-0.433 χ^2/NDF : 10.5/12

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: 986.776+/-0.398 χ^2/NDF : 160940.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

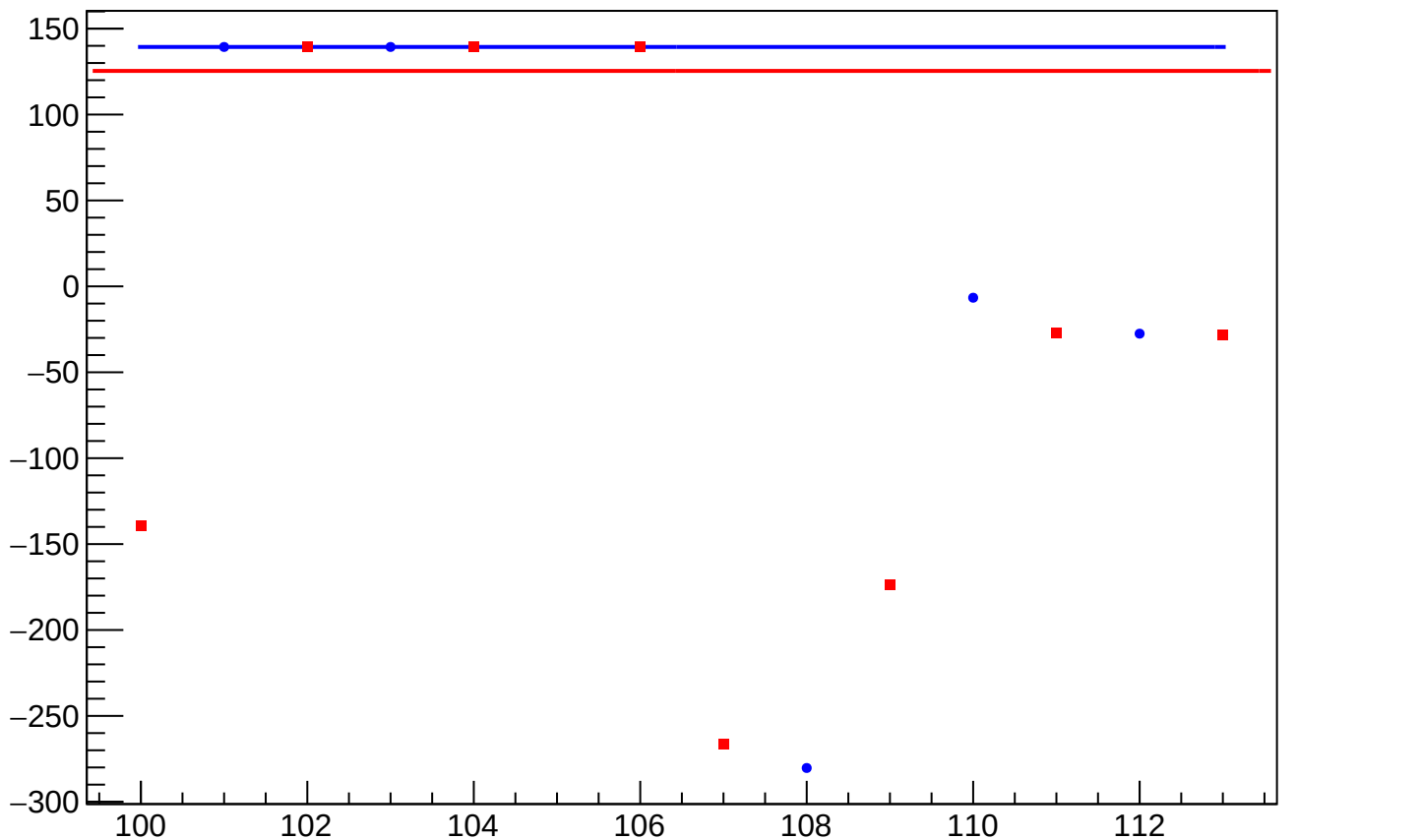
Right: 1016.658+/-0.306 χ^2/NDF : 306730.5/12

In: 1060.120+/-0.480 χ^2/NDF : 131930.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

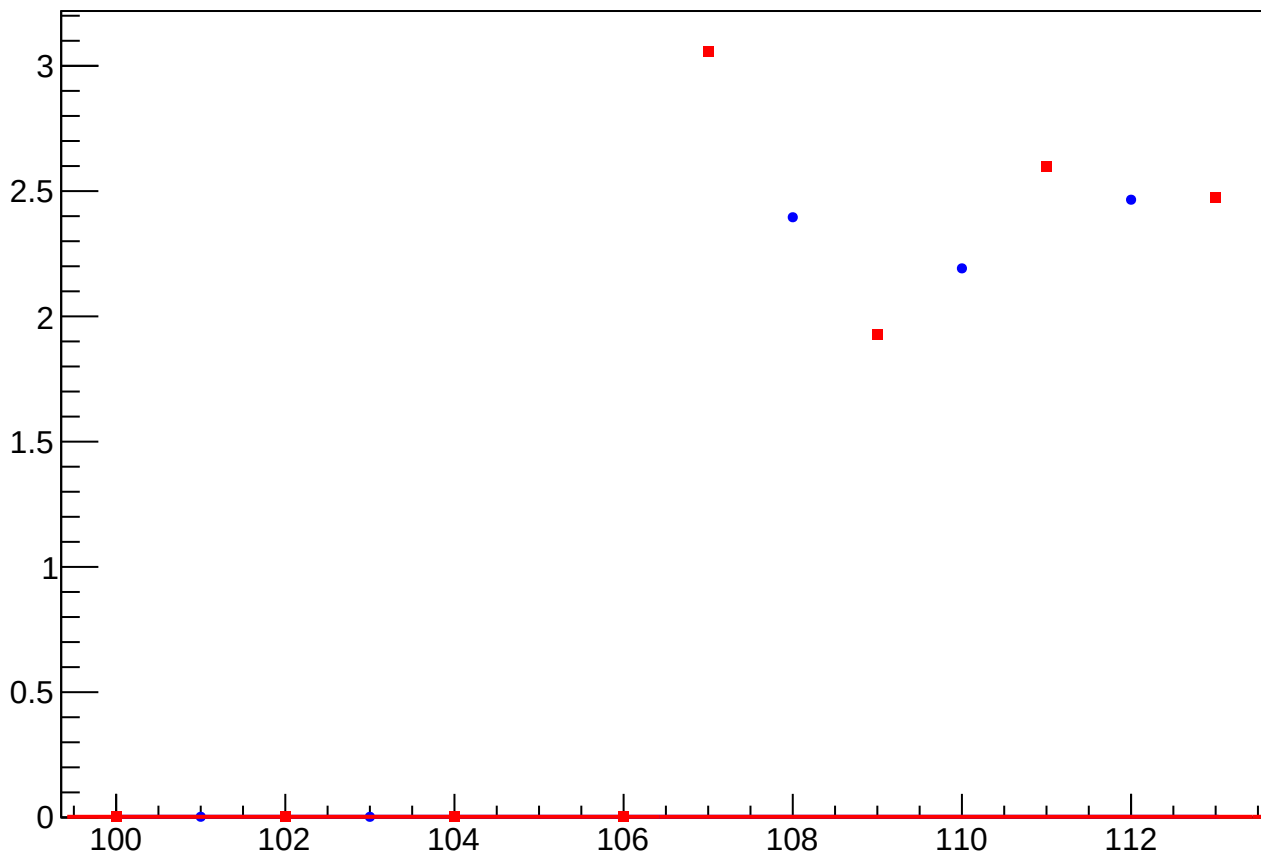
All: 1016.658+/-0.306 χ^2/NDF : 306730.5/12

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 139.338 $\pm$ 0.000 χ^2 /NDF: 12621208307.0/4
 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: 131.819 $\pm$ 0.000 χ^2 /NDF: 792942807000774
 In: 139.338 $\pm$ 0.000 χ^2 /NDF: 12621208307.0/4
 Right Out: 125.393 $\pm$ 0.000 χ^2 /NDF: 774144791778009.8/7
 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: 131.819 $\pm$ 0.000 χ^2 /NDF: 792942807000

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 : 2742681.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

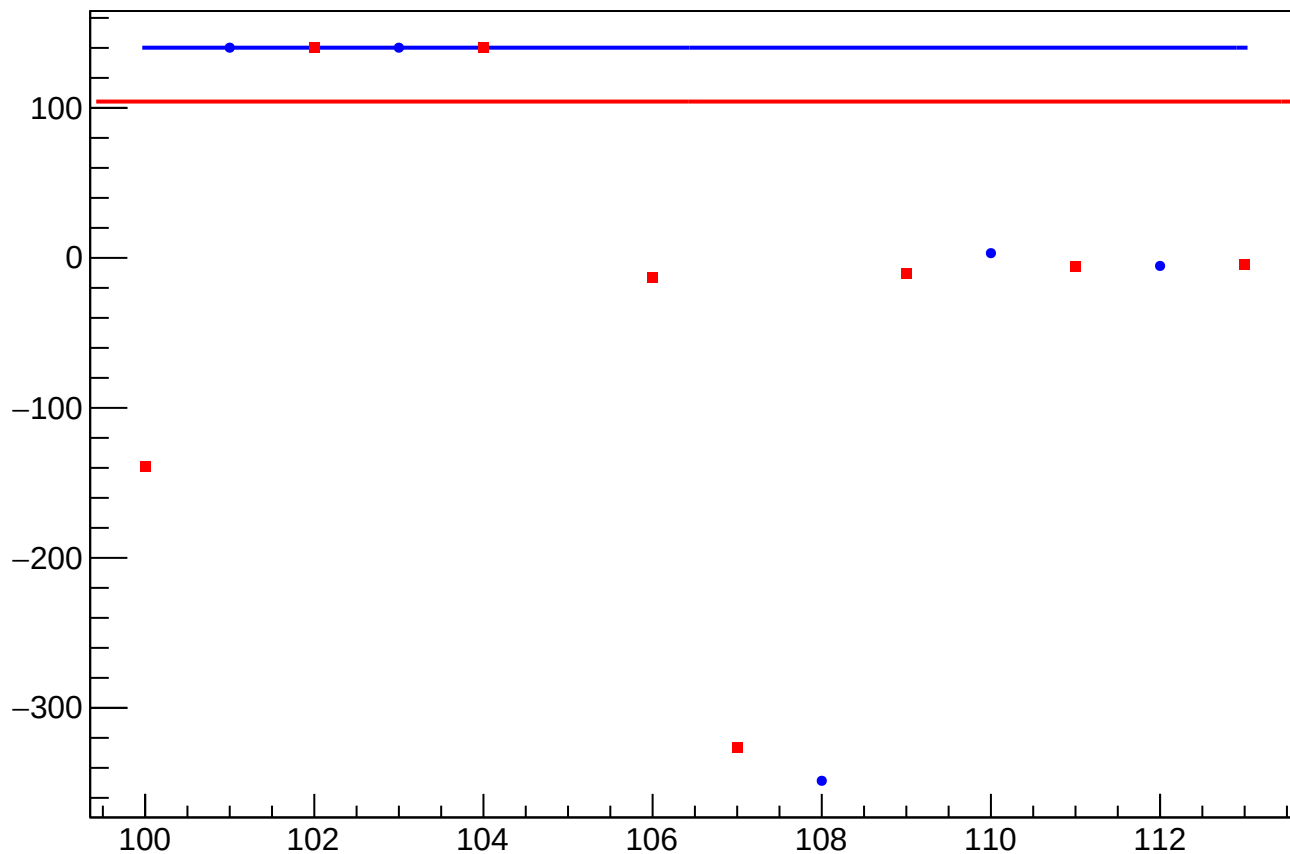
Right: 0.003+/-0.000 χ^2/NDF : 4827798.9/12

In: 0.003+/-0.000 χ^2/NDF : 2084962.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

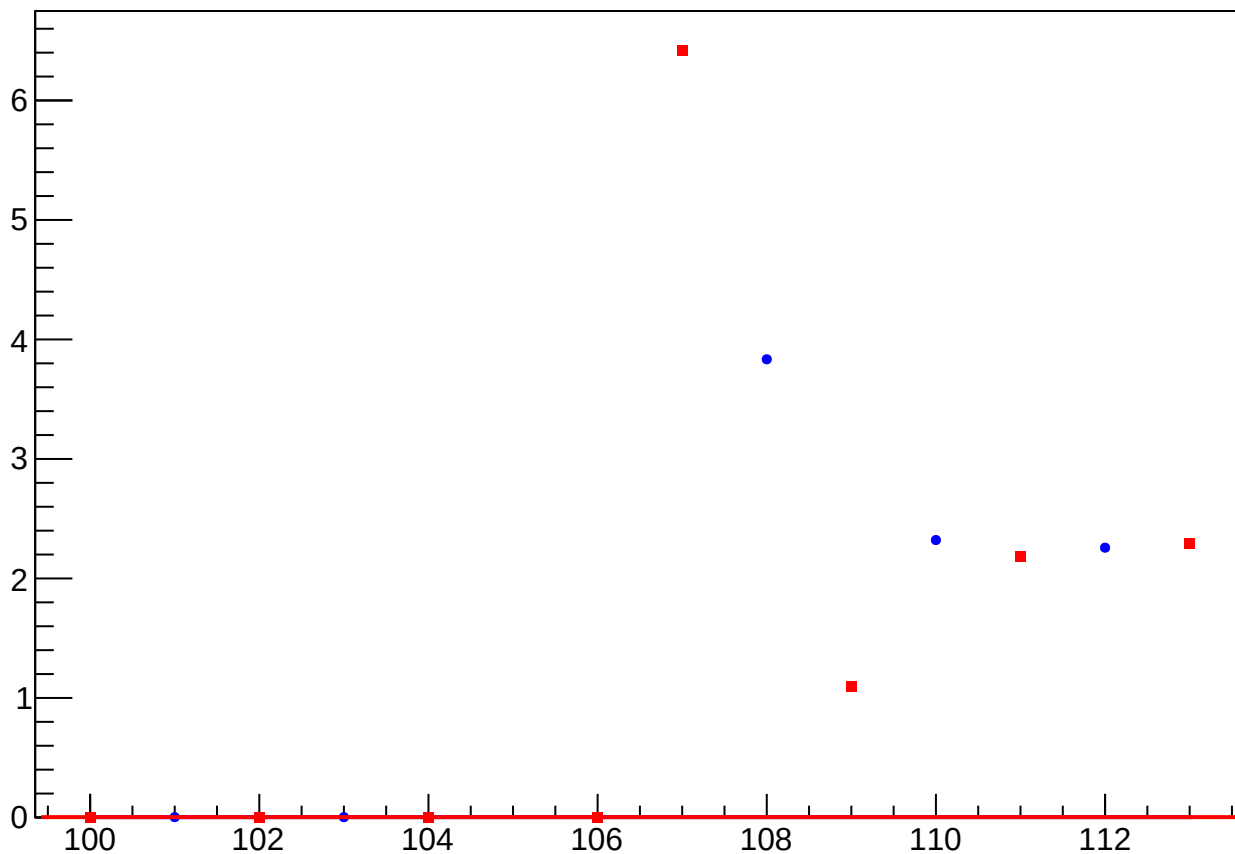
All: 0.003+/-0.000 χ^2/NDF : 4827798.9/12

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 140.149+/-0.000 χ^2/NDF : 7997244712.8/4
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 104.227+/-0.000 χ^2/NDF : 1257299757687132.2/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 120.835+/-0.000 χ^2/NDF : 138062534381695

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 : 2621346.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

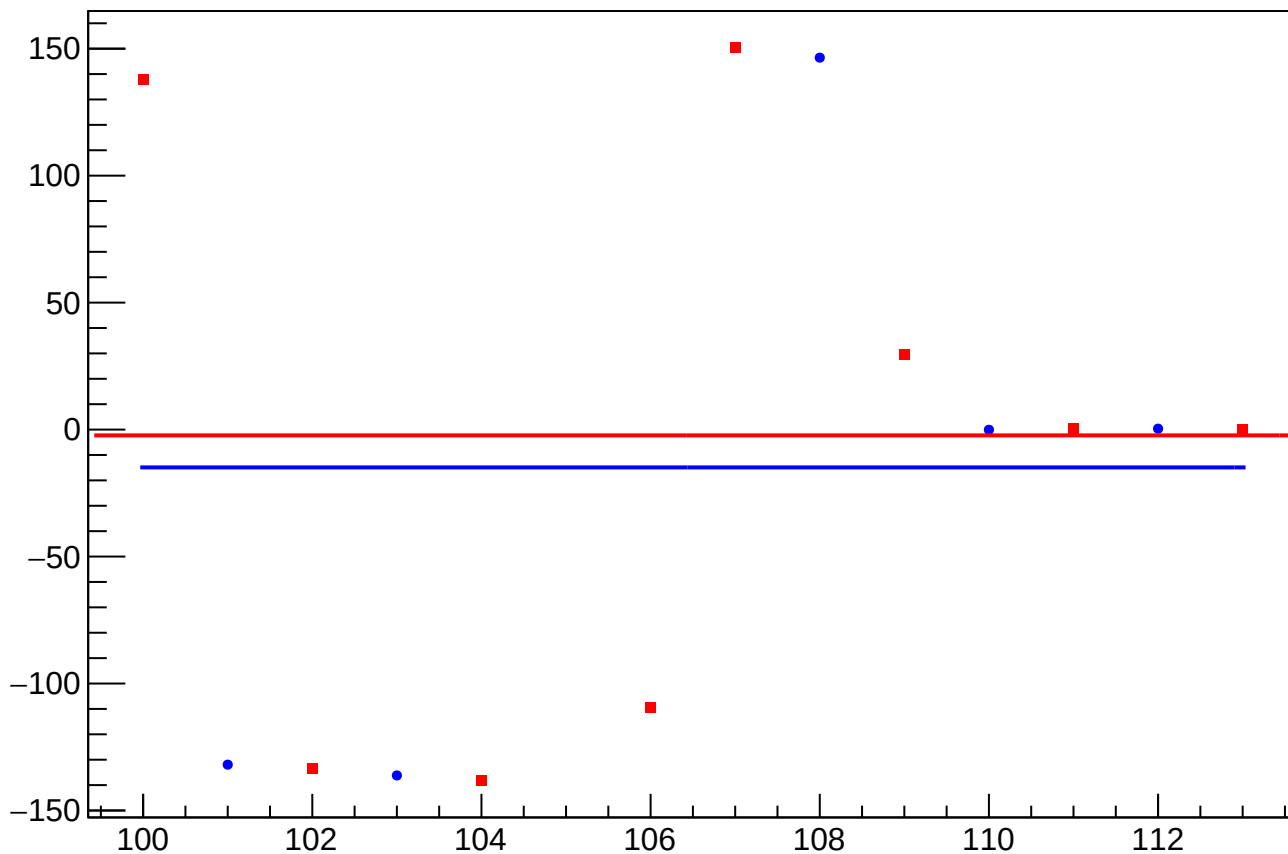
Right: 0.003+/-0.000 χ^2/NDF : 4807967.0/12

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 : 4807967.0/12

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: -2.279+/-0.001 χ^2/NDF : 3584988705.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

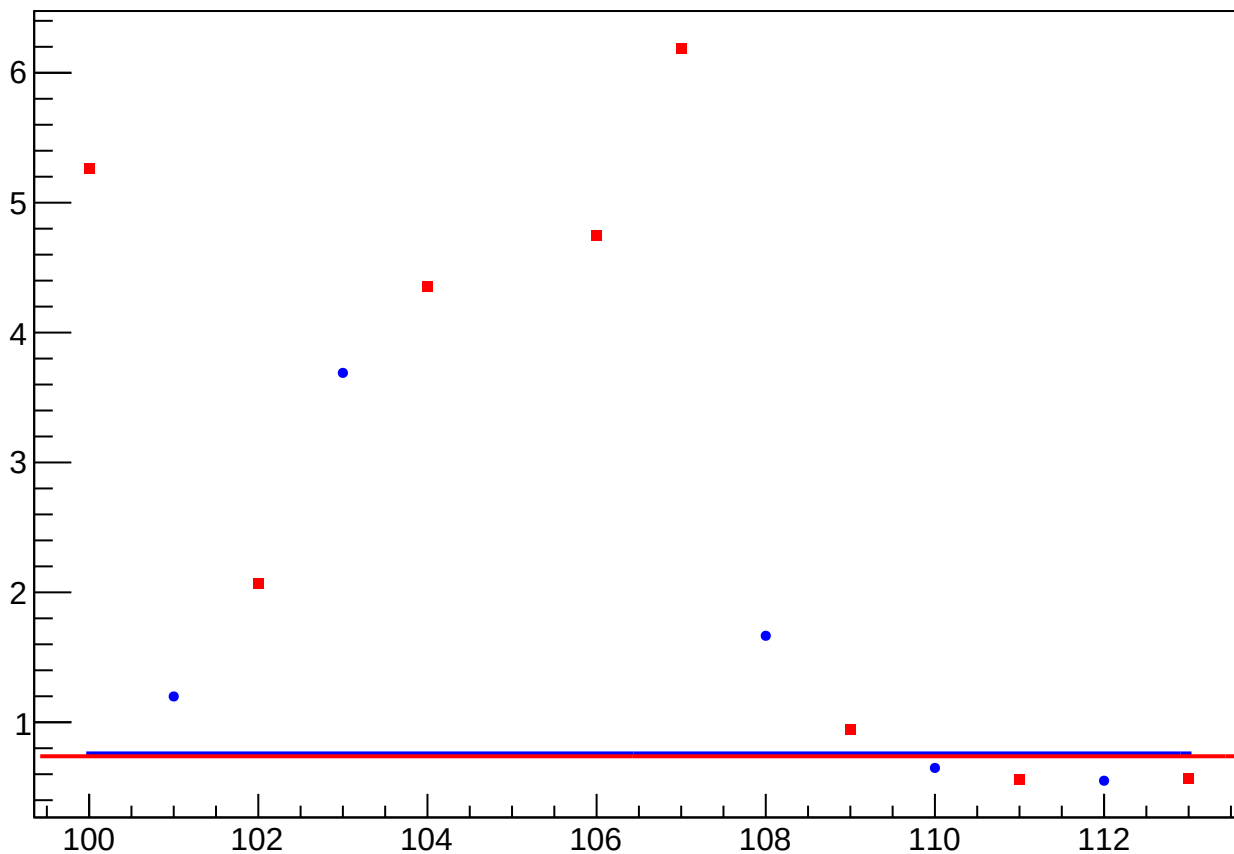
Right: -8.117+/-0.000 χ^2/NDF : 13145538679.7/12

In: -14.891+/-0.001 χ^2/NDF : 9328870255.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.117+/-0.000 χ^2/NDF : 13145538679.7/12

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.760+/-0.000 χ^2/NDF : 1097277.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.738+/-0.000 χ^2/NDF : 2056541.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

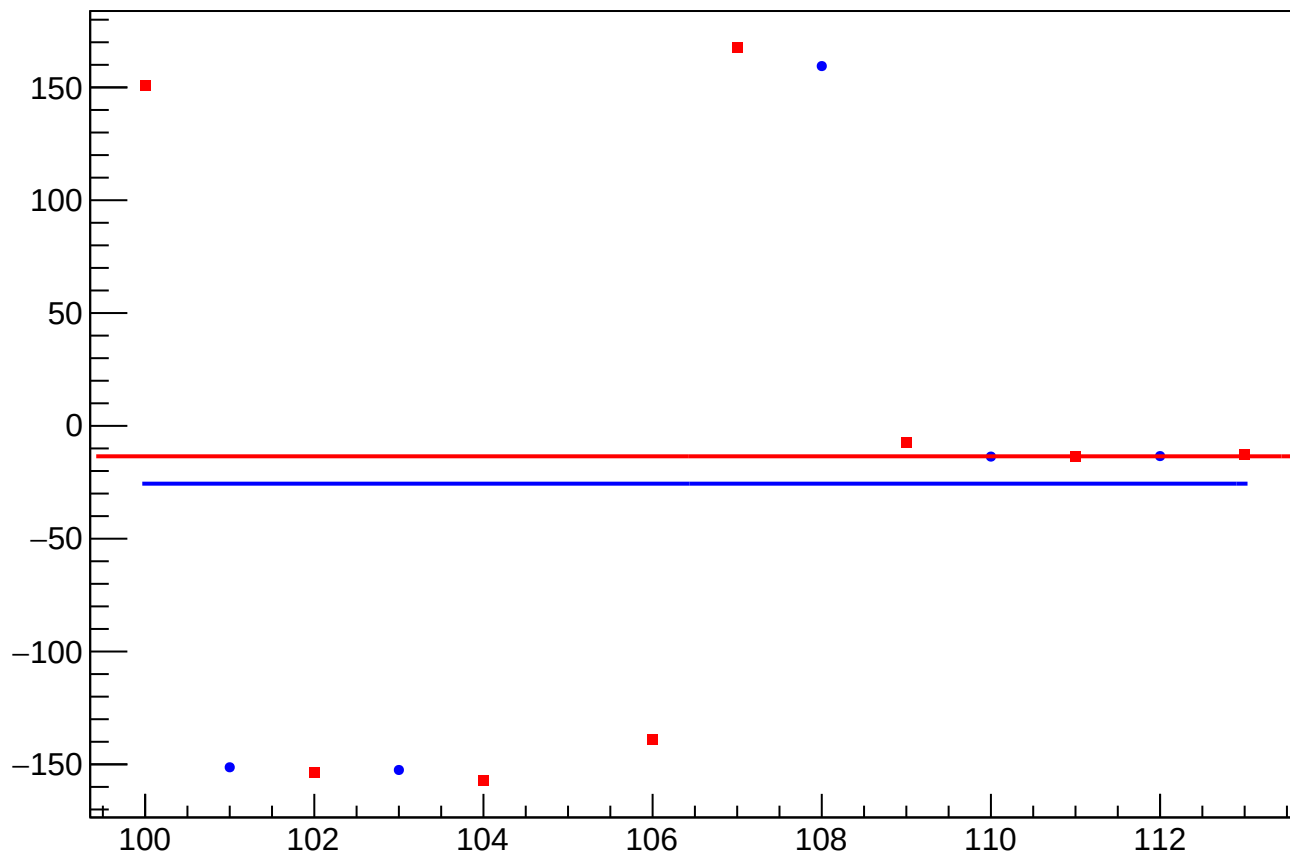
Right: 0.748+/-0.000 χ^2/NDF : 3155218.3/12

In: 0.760+/-0.000 χ^2/NDF : 1097277.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.748+/-0.000 χ^2/NDF : 3155218.3/12

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -25.615+/-0.001 χ^2/NDF : 3208907549.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.487+/-0.001 χ^2/NDF : 1279392948.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

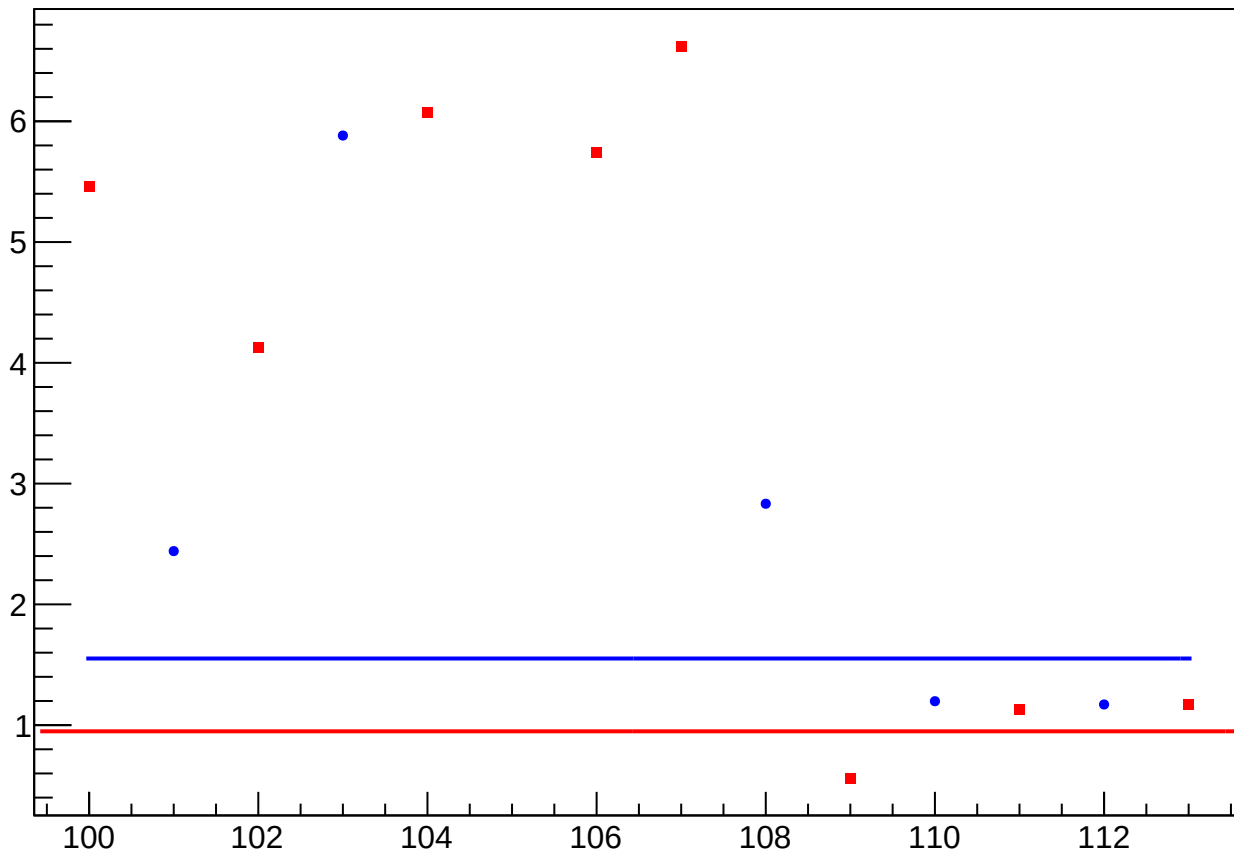
Right: -17.147+/-0.001 χ^2/NDF : 4561889066.4/12

In: -25.615+/-0.001 χ^2/NDF : 3208907549.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.147+/-0.001 χ^2/NDF : 4561889066.4/12

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: 0.949+/-0.001 χ^2/NDF : 2394861.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

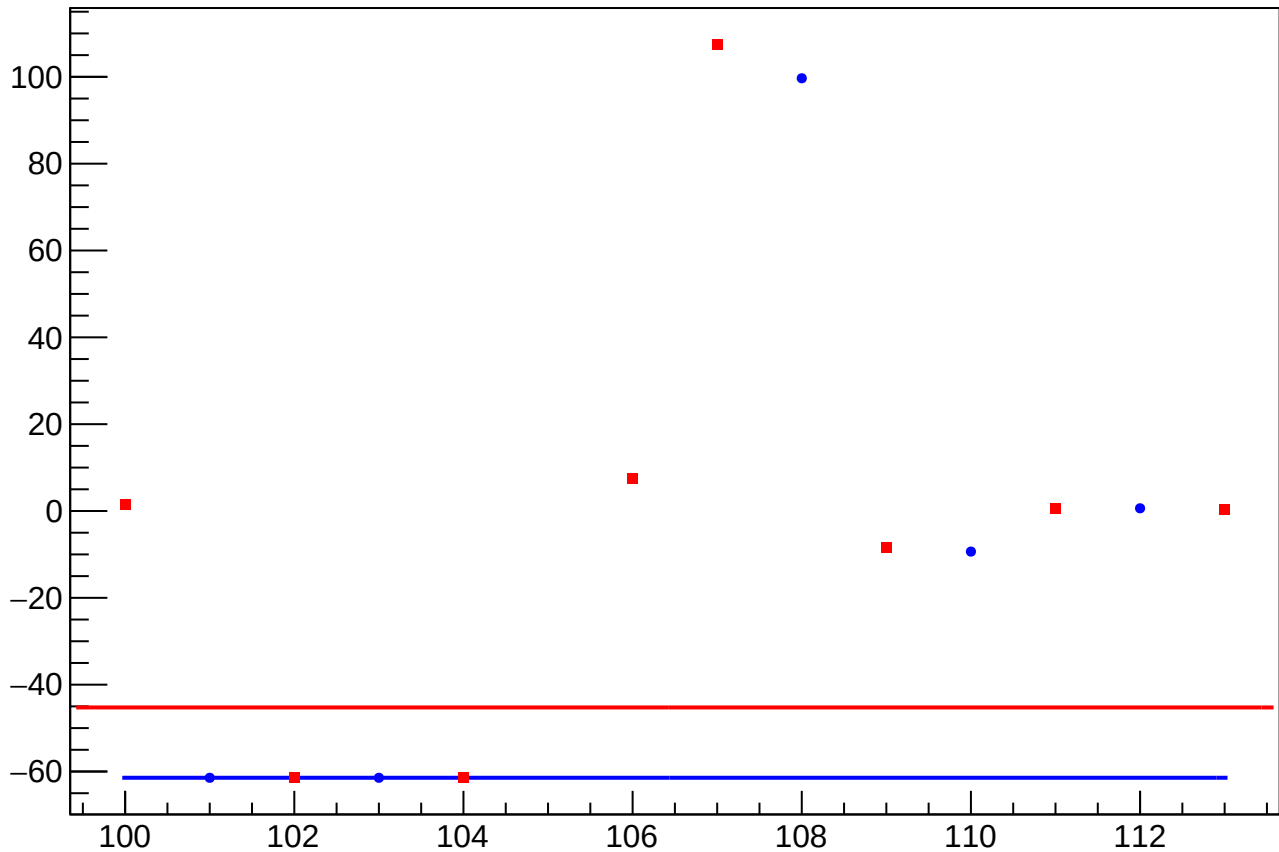
Right: 1.131+/-0.000 χ^2/NDF : 3833480.8/12

In: 1.552+/-0.001 χ^2/NDF : 1074915.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

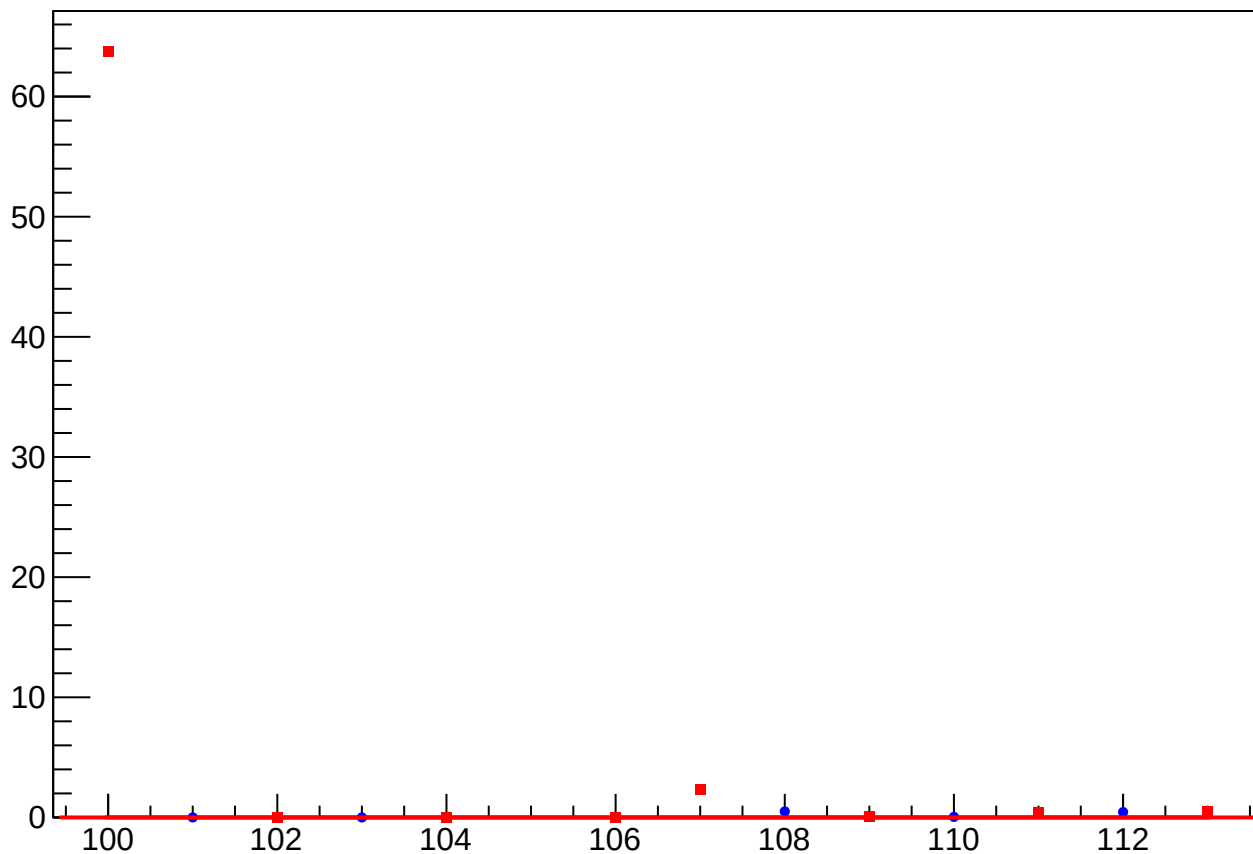
All: 1.131+/-0.000 χ^2/NDF : 3833480.8/12

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -61.439+/-0.000 χ^2/NDF : 197290573963.4/4
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -45.247+/-0.000 χ^2/NDF : 357837903723910.9/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -52.751+/-0.000 χ^2/NDF : 409021664871550

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 : 2463114.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

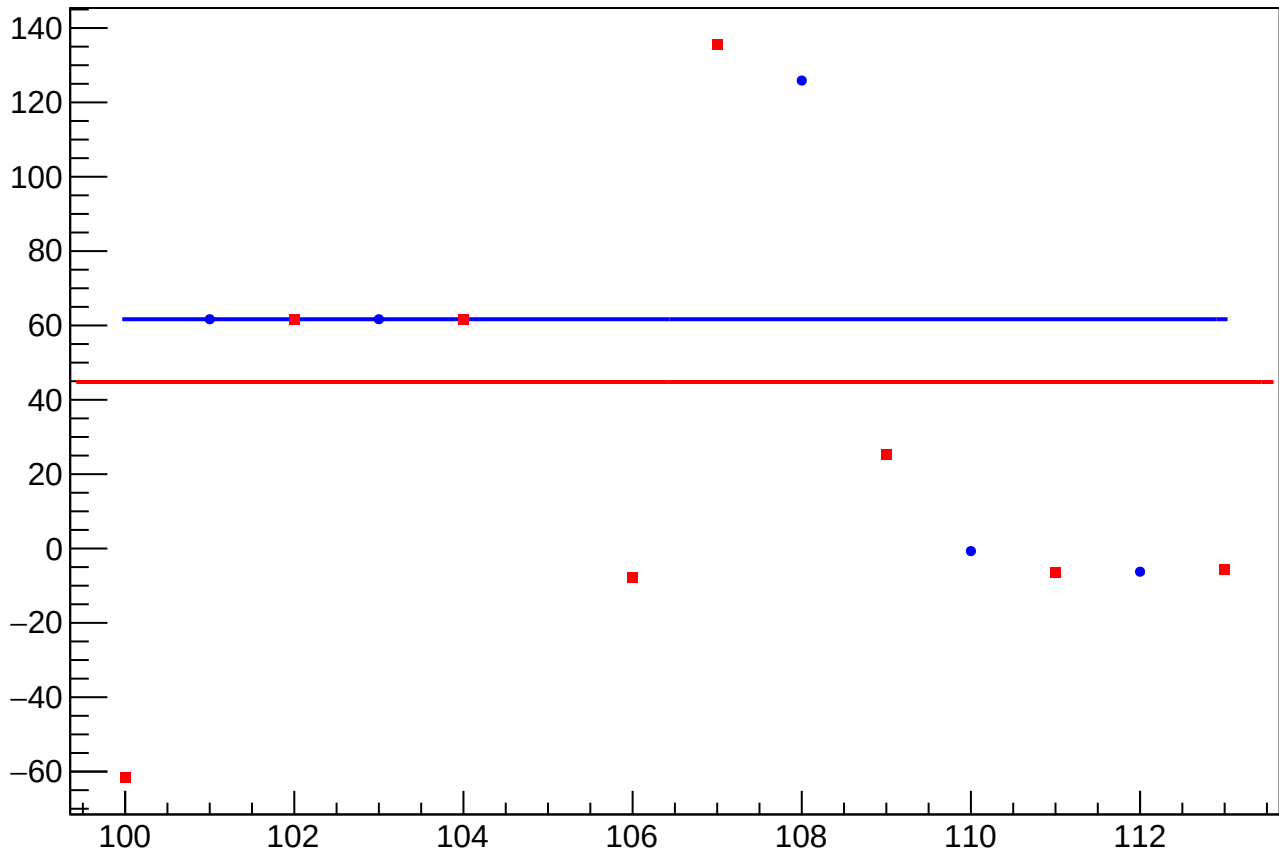
Right: 0.001+/-0.000 χ^2/NDF : 4189163.9/12

In: 0.001+/-0.000 χ^2/NDF : 1726043.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

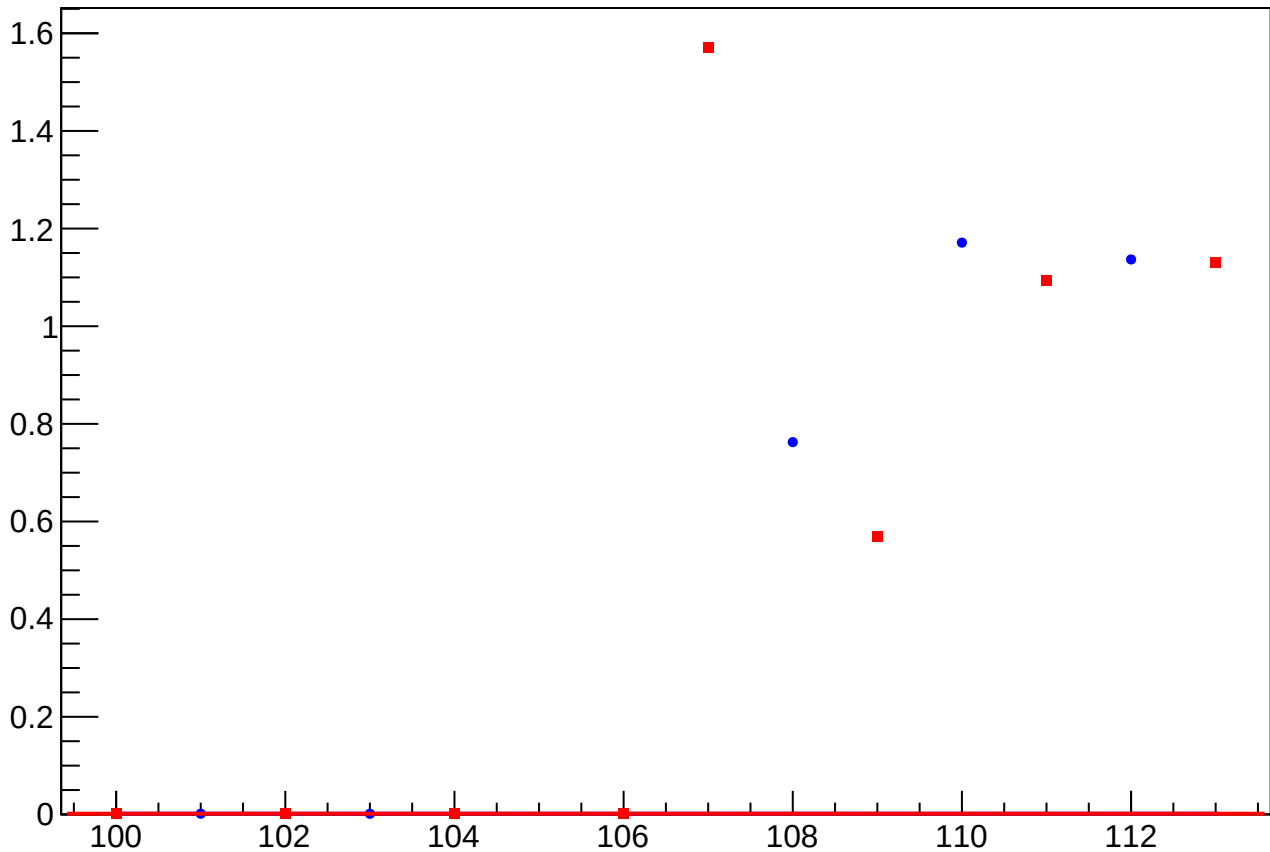
All: 0.001+/-0.000 χ^2/NDF : 4189163.9/12

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 : 416999044417837.8
Right Out: 44.793+/-0.000 χ^2/NDF : 365871895024840.8/7 In: 61.673+/-0.000 χ^2/NDF : 4969789940.2/4
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 52.698+/-0.000 χ^2/NDF : 416999044417837.8

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 : 2642549.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

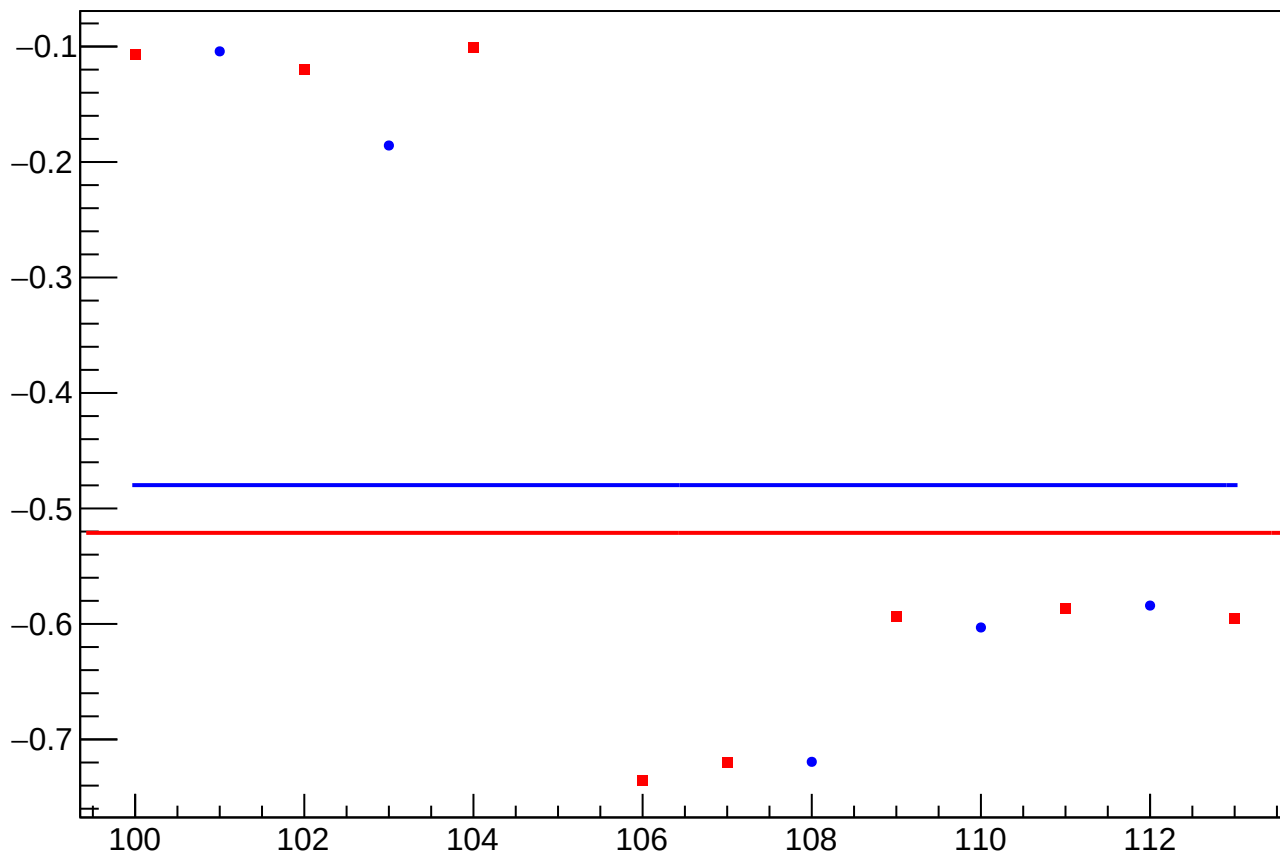
Right: 0.001+/-0.000 χ^2/NDF : 4887320.9/12

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 : 4887320.9/12

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: -0.521+/-0.000 χ^2/NDF : 94548251.2/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

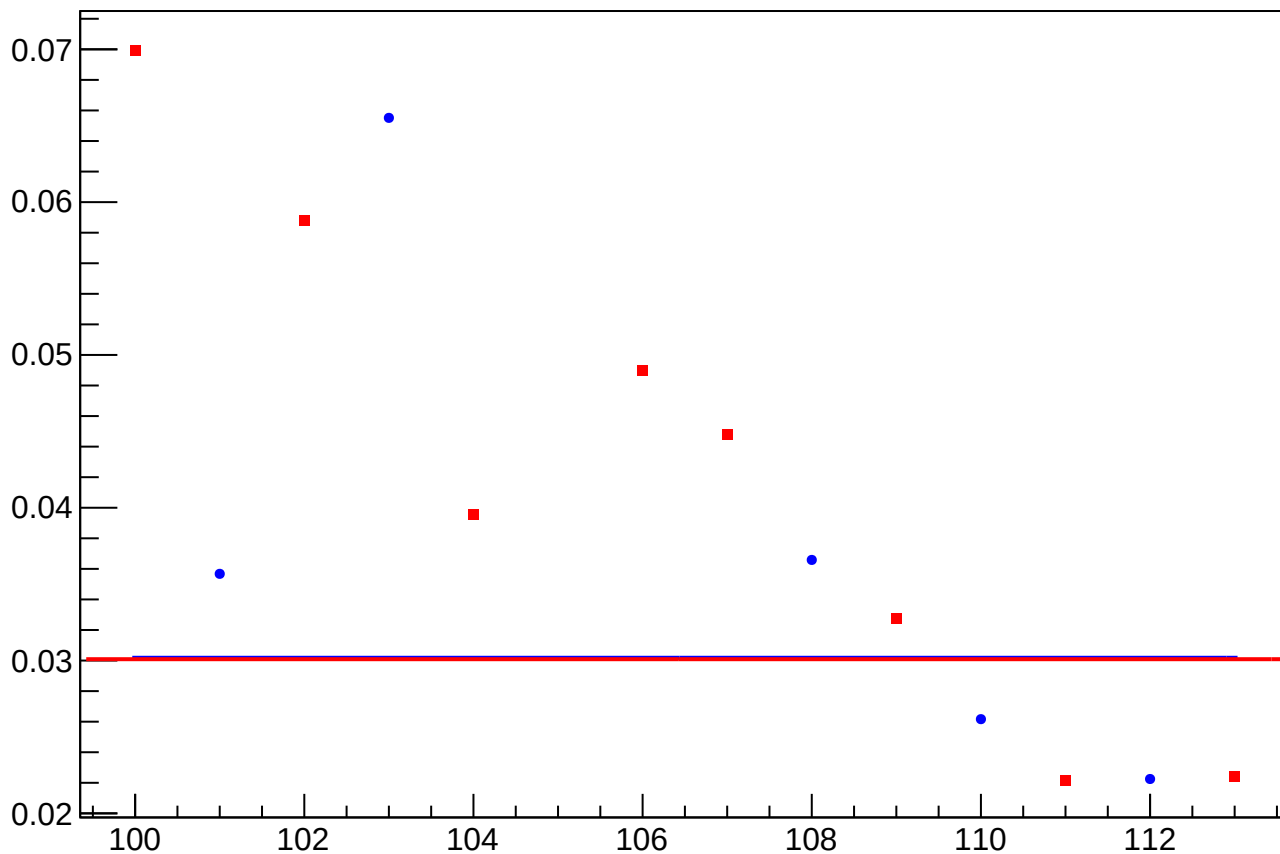
Right: -0.503+/-0.000 χ^2/NDF : 200290993.1/12

In: -0.480+/-0.000 χ^2/NDF :103715805.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.503+/-0.000 χ^2/NDF : 200290993.1/12

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: 0.030+/-0.000 χ^2/NDF : 677365.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

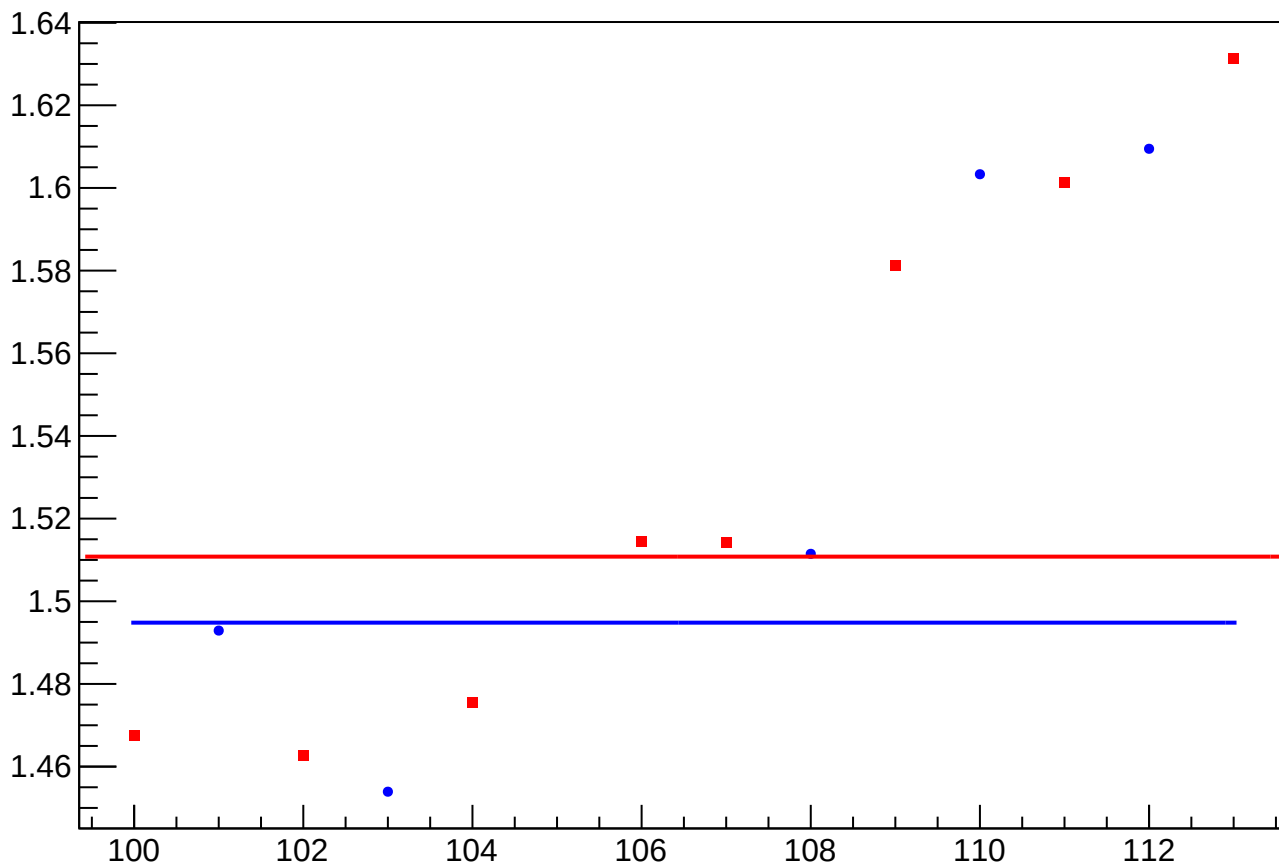
Right: 0.030+/-0.000 χ^2/NDF : 1181597.0/12

In: 0.030+/-0.000 χ^2/NDF :504211.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.030+/-0.000 χ^2/NDF : 1181597.0/12

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: 1.511+/-0.000 χ^2/NDF : 18106943.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

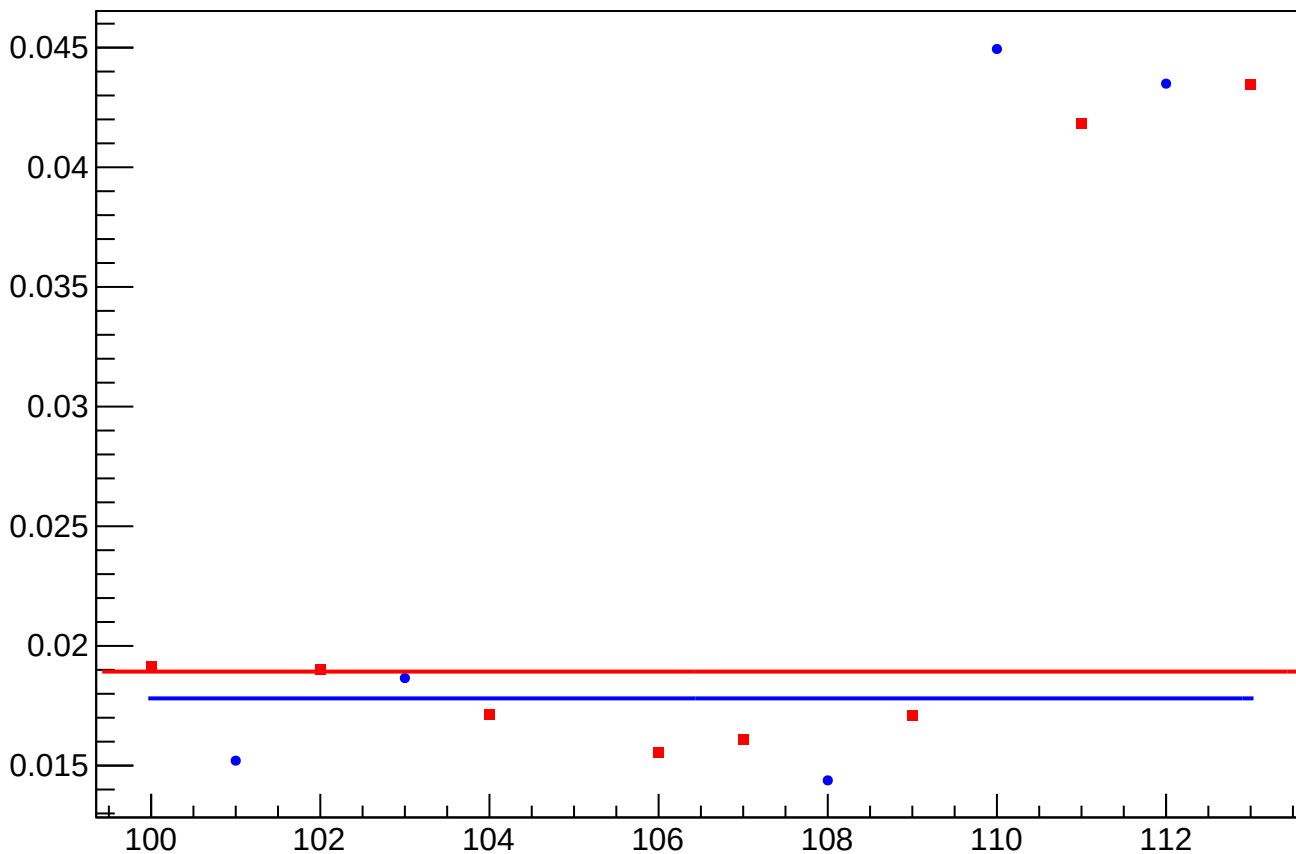
Right: 1.503+/-0.000 χ^2/NDF : 27306896.0/12

In: 1.495+/-0.000 χ^2/NDF : 8346717.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.503+/-0.000 χ^2/NDF : 27306896.0/12

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: 0.019+/-0.000 χ^2/NDF : 592718.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

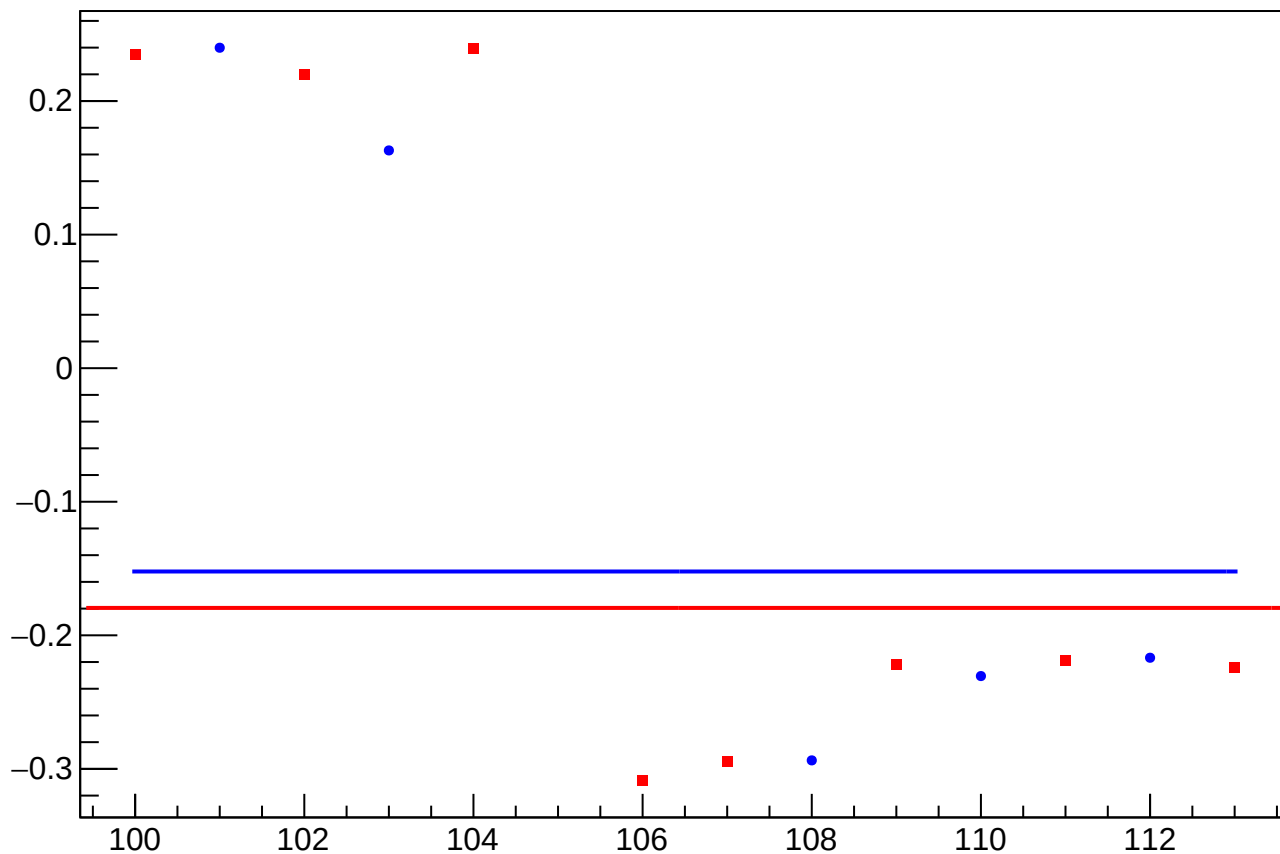
Right: 0.018+/-0.000 χ^2/NDF : 1239059.7/12

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 : 1239059.7/12

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: -0.179+/-0.000 χ^2/NDF : 80580076.3/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

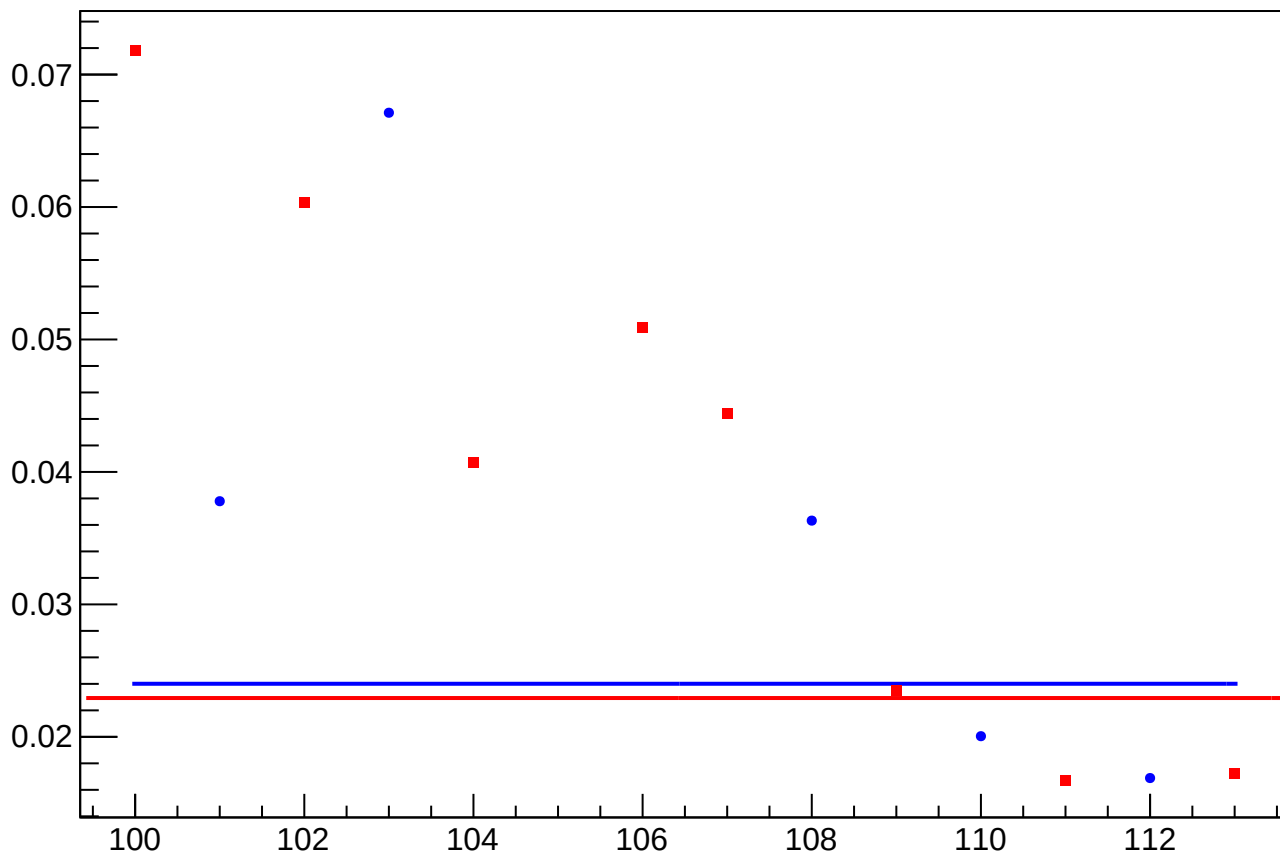
Right: -0.168+/-0.000 χ^2/NDF : 171259784.4/12

In: -0.152+/-0.000 χ^2/NDF :89359913.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.168+/-0.000 χ^2/NDF : 171259784.4/12

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: 0.023+/-0.000 χ^2/NDF : 1095519.5/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

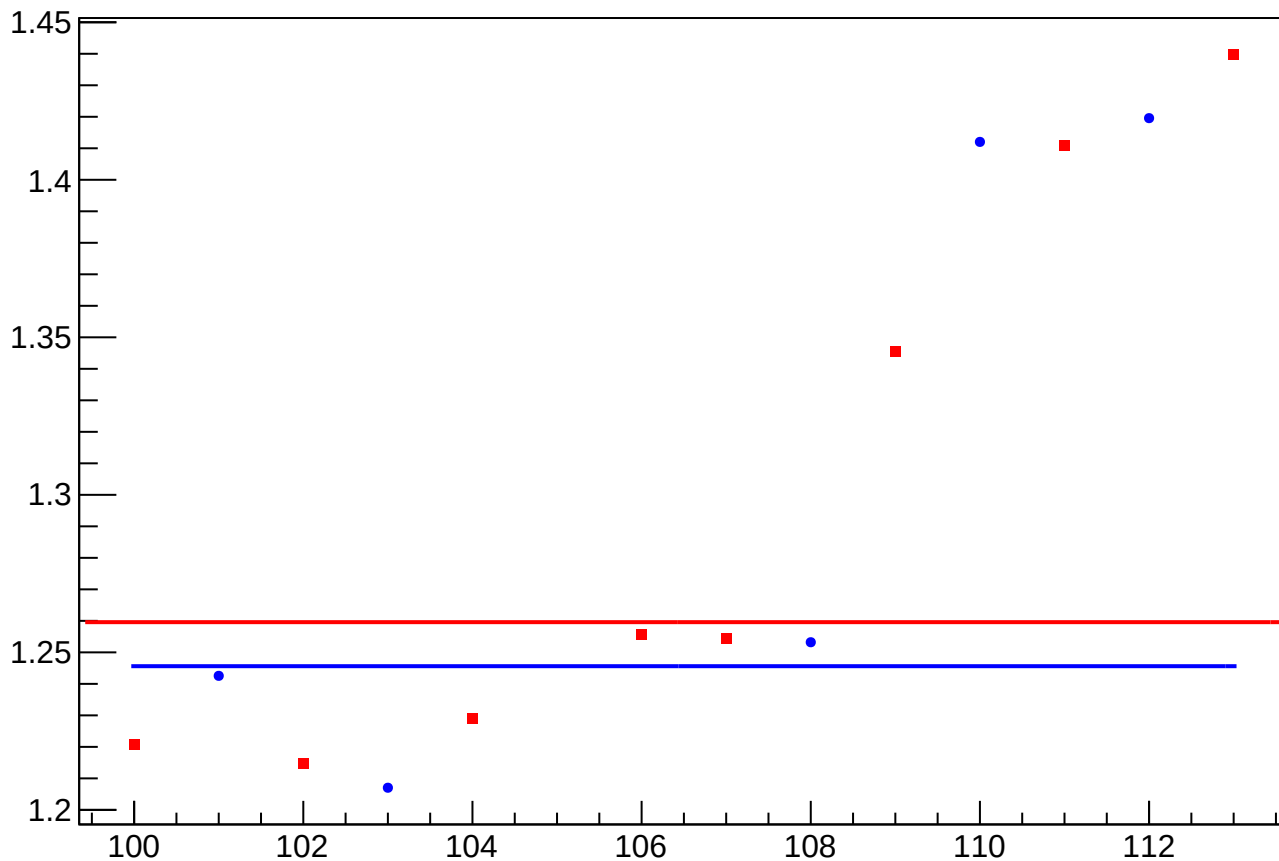
Right: 0.023+/-0.000 χ^2/NDF : 1975729.1/12

In: 0.024+/-0.000 χ^2/NDF :876095.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.023+/-0.000 χ^2/NDF : 1975729.1/12

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: 1.260+/-0.000 χ^2/NDF : 31670960.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

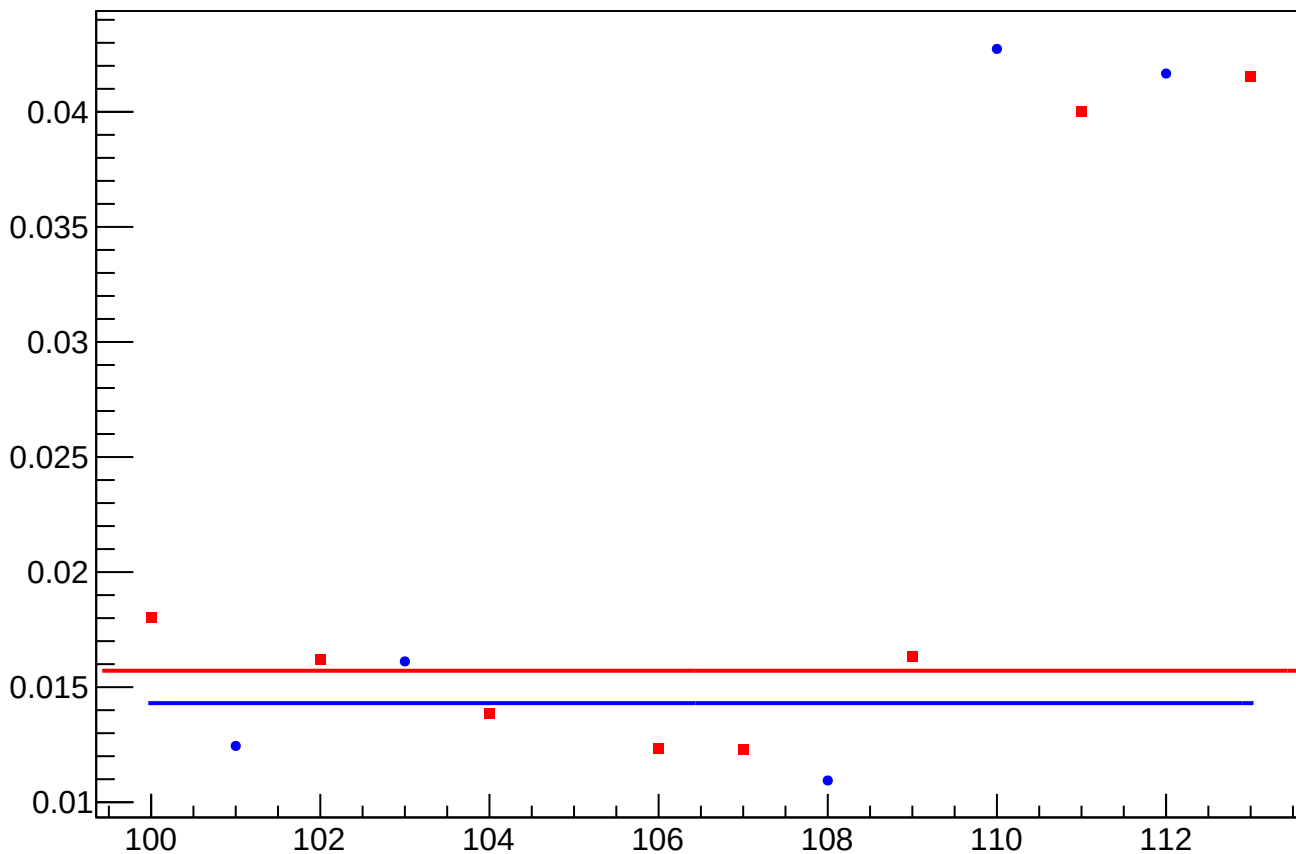
Right: 1.253+/-0.000 χ^2/NDF : 49047393.2/12

In: 1.246+/-0.000 χ^2/NDF : 16437657.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.253+/-0.000 χ^2/NDF : 49047393.2/12

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: 0.016+/-0.000 χ^2/NDF : 743516.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

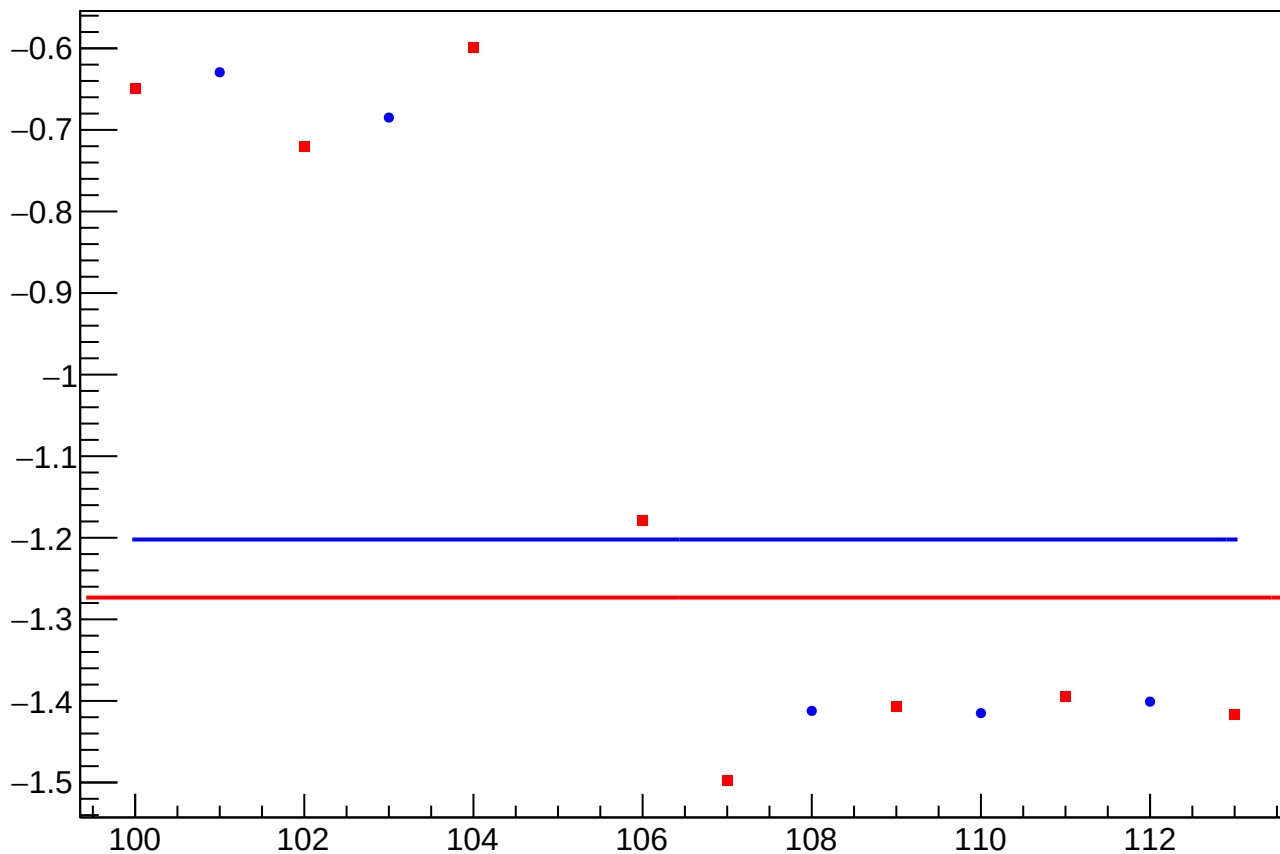
Right: 0.015+/-0.000 χ^2/NDF : 1549457.4/12

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 : 1549457.4/12

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: -1.273+/-0.000 χ^2/NDF : 226787945.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

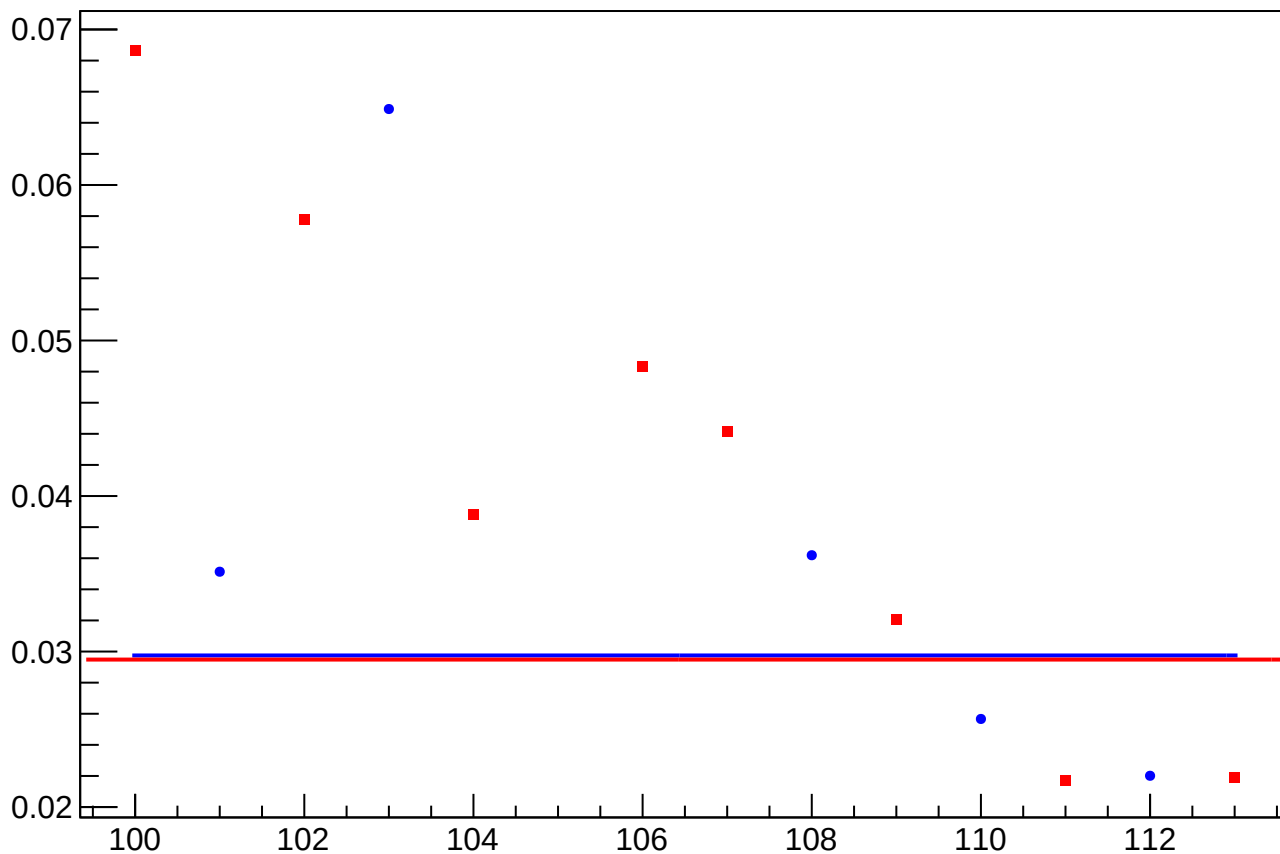
Right: -1.242+/-0.000 χ^2/NDF : 485191325.9/12

In: -1.202+/-0.000 χ^2/NDF :252208552.2/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.242+/-0.000 χ^2/NDF : 485191325.9/12

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: 0.029+/-0.000 χ^2/NDF : 682489.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

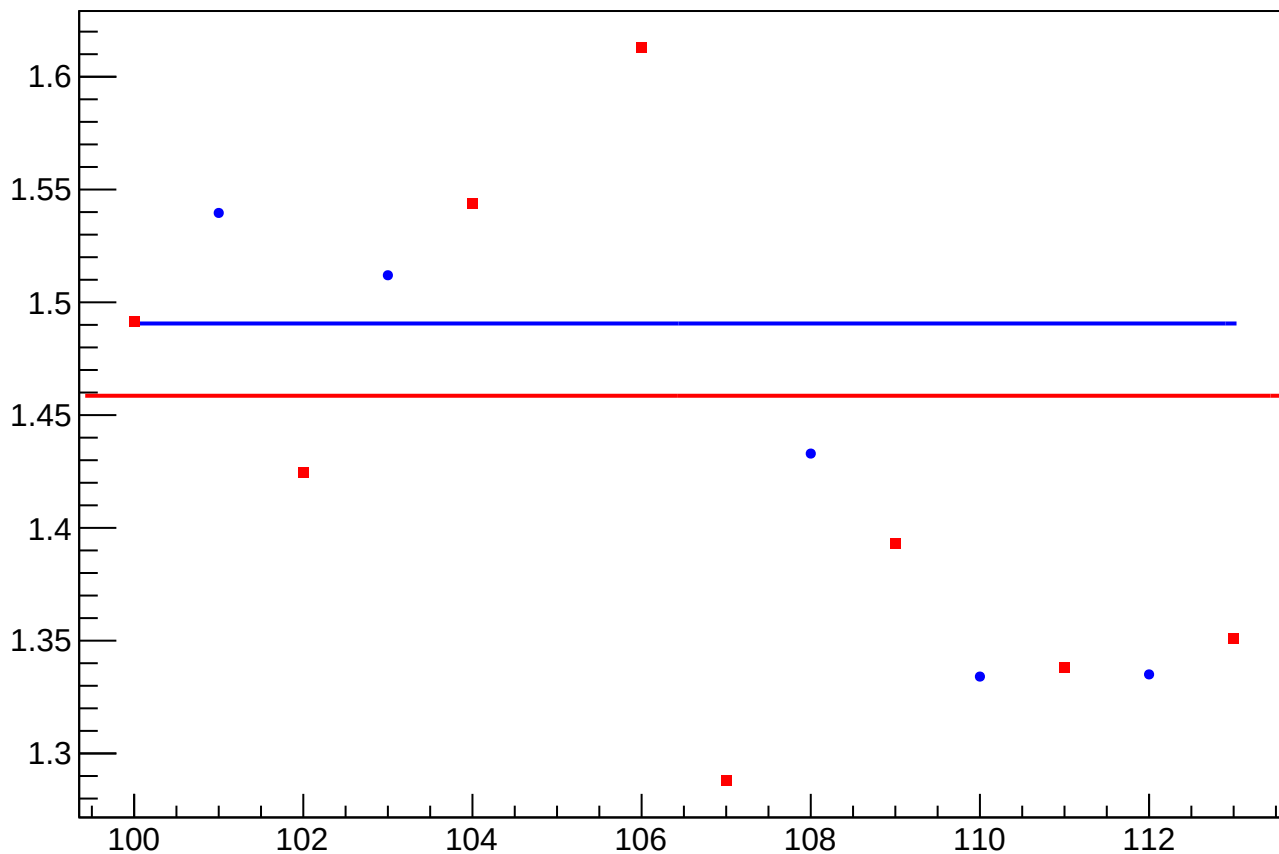
Right: 0.030+/-0.000 χ^2/NDF : 1186957.9/12

In: 0.030+/-0.000 χ^2/NDF :504297.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.030+/-0.000 χ^2/NDF : 1186957.9/12

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: 1.459+/-0.000

χ^2/NDF : 74044103.2/7

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 1.473+/-0.000

χ^2/NDF : 98090000.0/12

In: 1.491+/-0.000

χ^2/NDF : 20822993.0/4

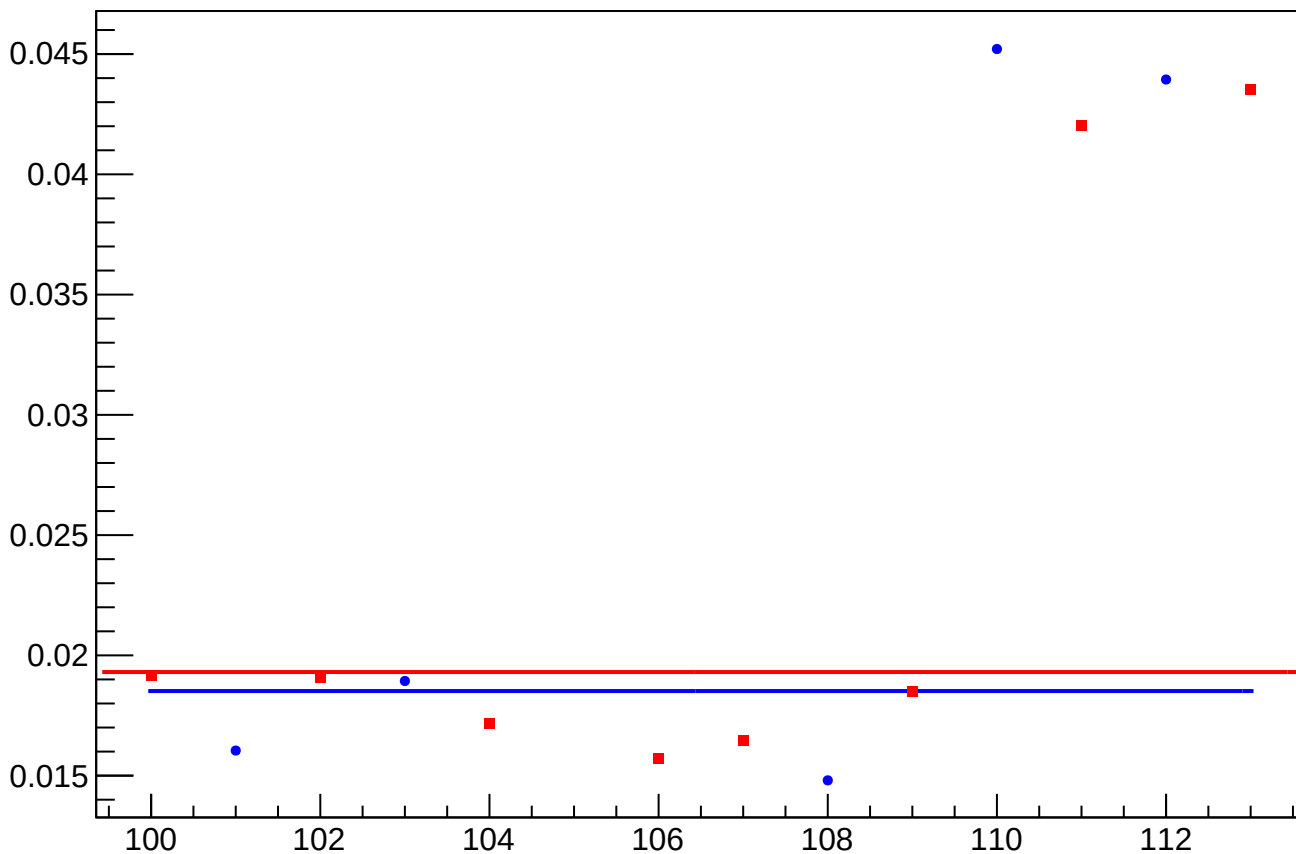
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.473+/-0.000

χ^2/NDF : 98090000.0/12

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: 0.019+/-0.000 χ^2/NDF : 578380.5/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

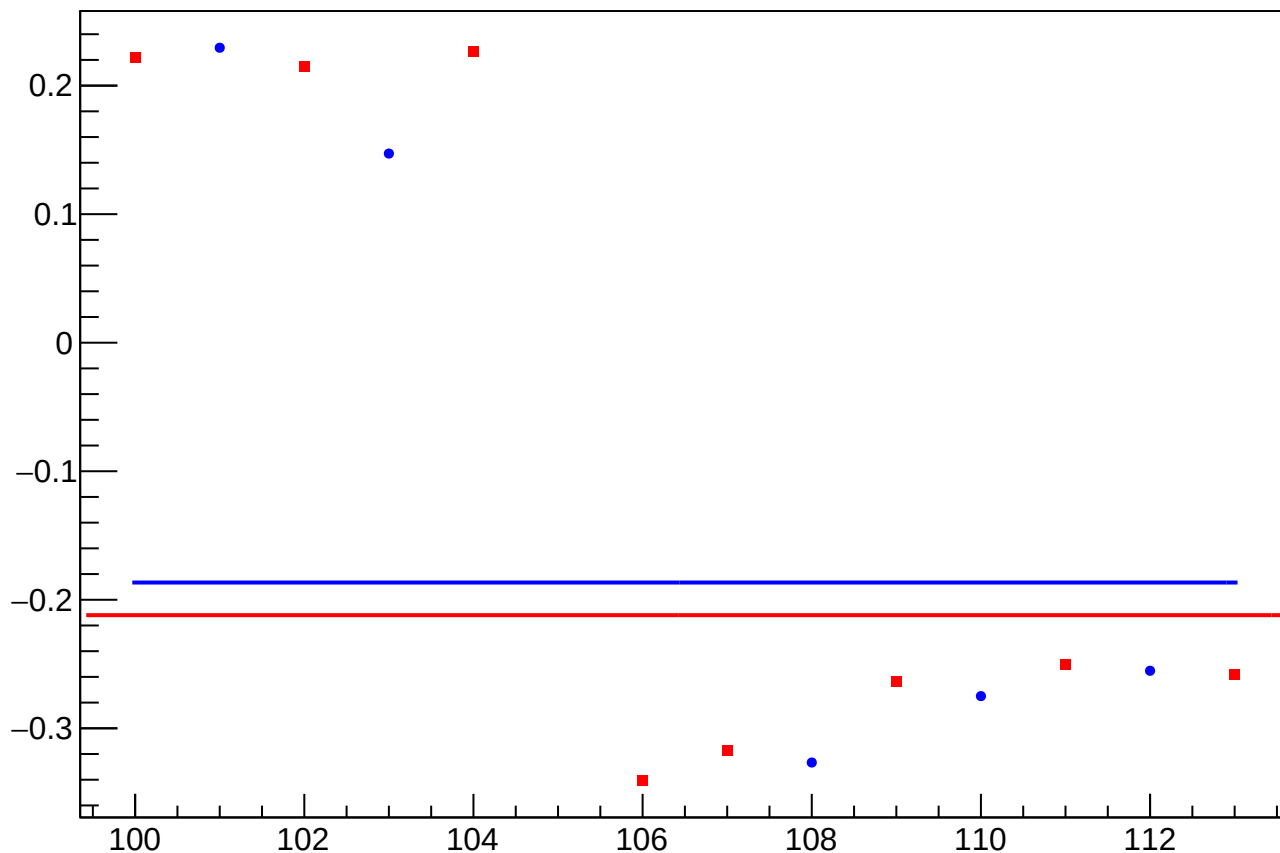
Right: 0.019+/-0.000 χ^2/NDF : 1191146.8/12

In: 0.019+/-0.000 χ^2/NDF :608841.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.019+/-0.000 χ^2/NDF : 1191146.8/12

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: -0.212+/-0.000 χ^2/NDF : 86363945.2/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

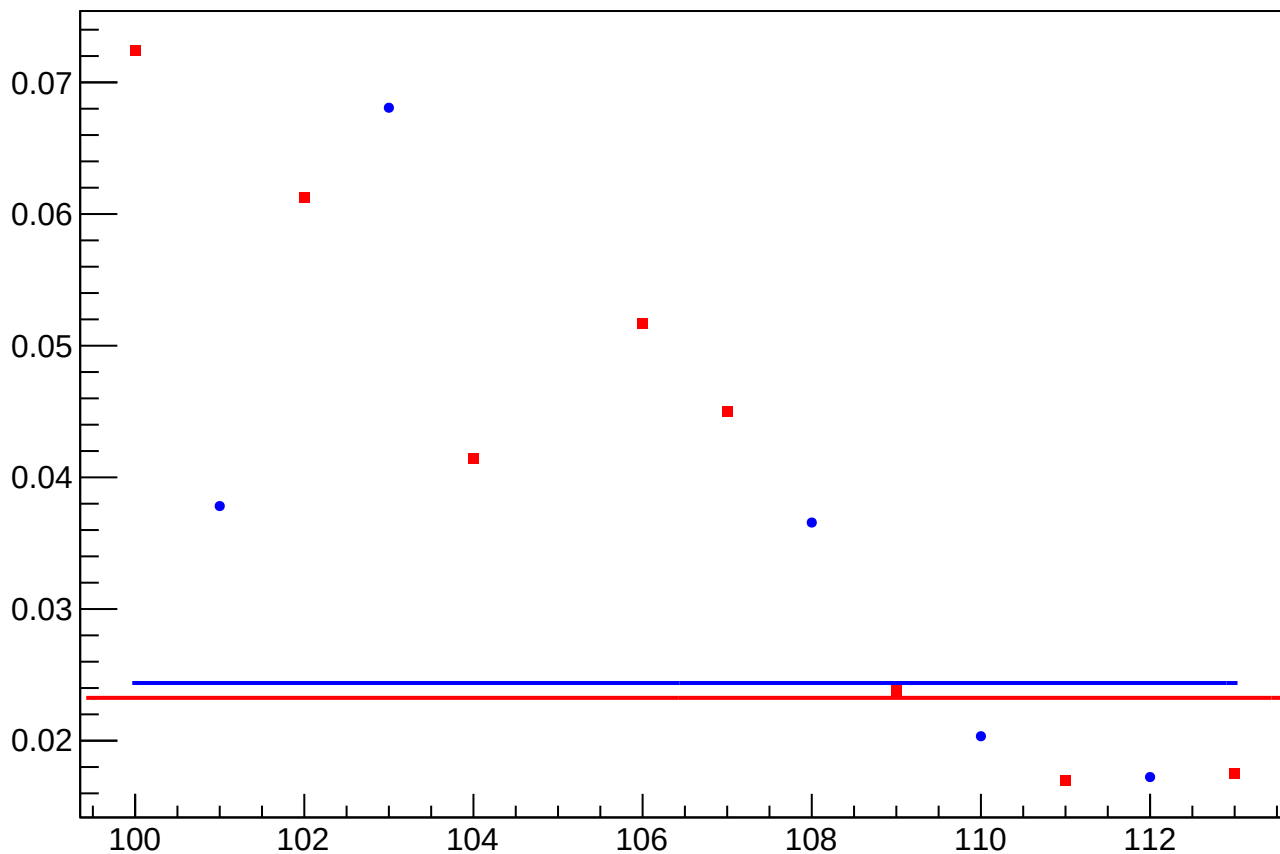
Right: -0.201+/-0.000 χ^2/NDF : 185977757.9/12

In: -0.187+/-0.000 χ^2/NDF :98501846.9/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.201+/-0.000 χ^2/NDF : 185977757.9/12

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: 0.023+/-0.000 χ^2/NDF : 1098605.2/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

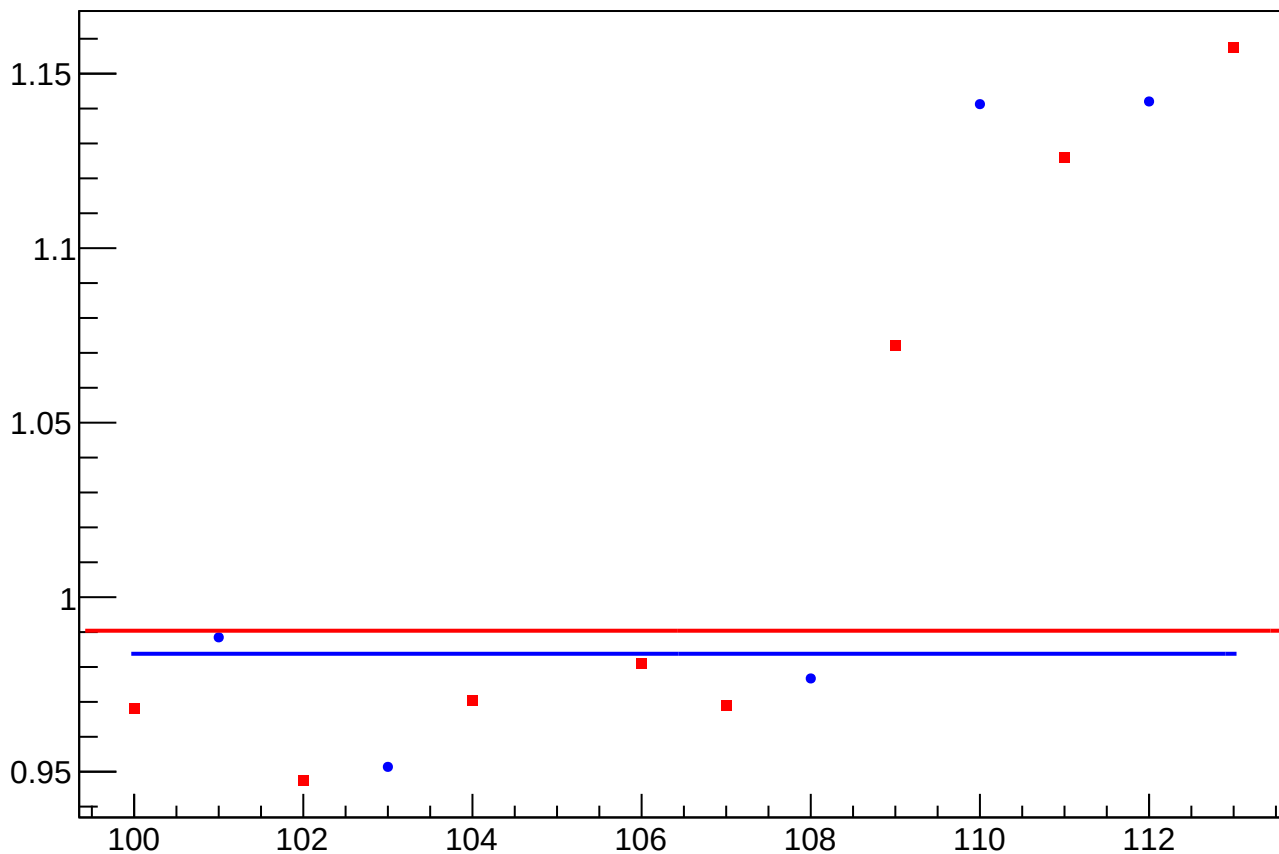
Right: 0.024+/-0.000 χ^2/NDF : 1961879.7/12

In: 0.024+/-0.000 χ^2/NDF :858880.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.024+/-0.000 χ^2/NDF : 1961879.7/12

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: 0.990+/-0.000

χ^2/NDF : 27907515.9/7

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.987+/-0.000

χ^2/NDF : 42122034.9/12

In: 0.984+/-0.000

χ^2/NDF : 14007015.9/4

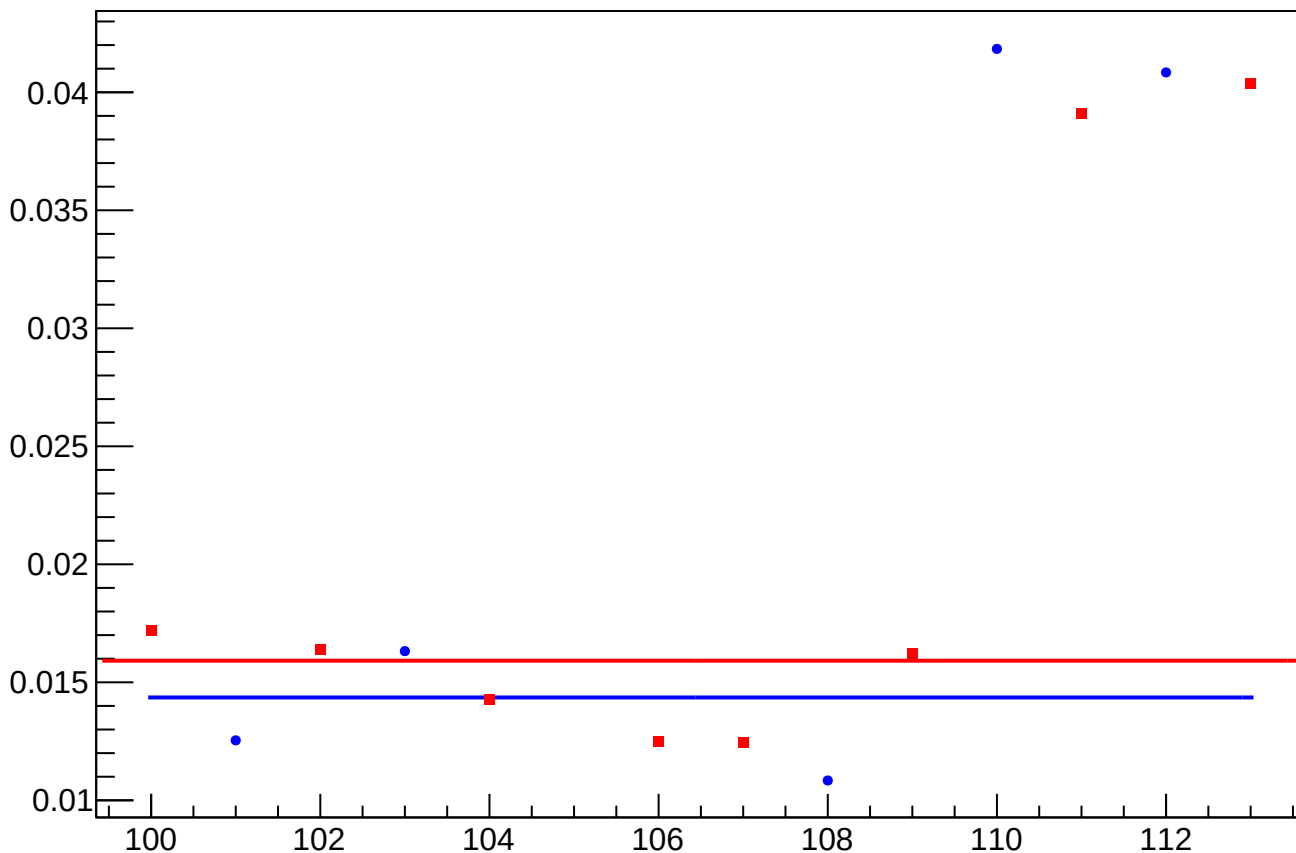
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.987+/-0.000

χ^2/NDF : 42122034.9/12

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: 0.016+/-0.000 χ^2/NDF : 706771.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

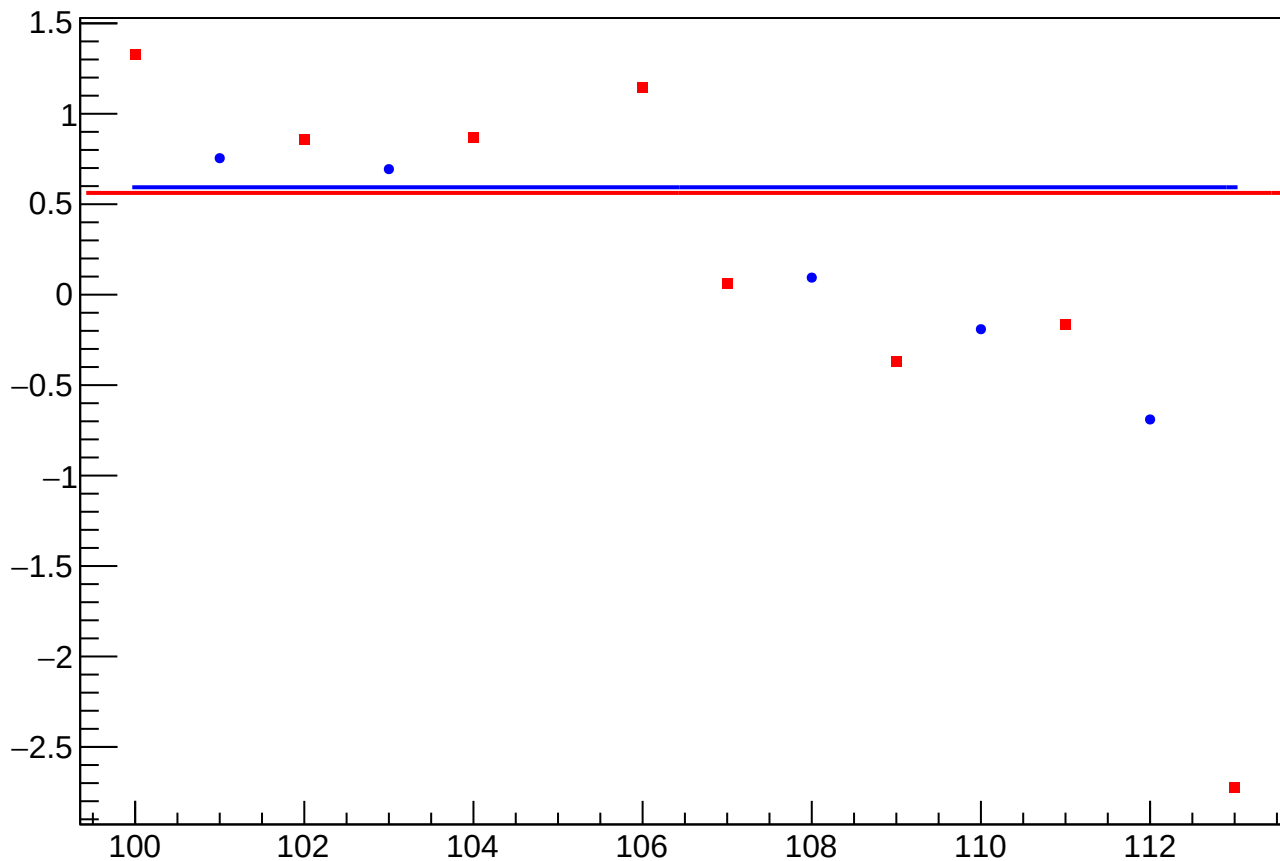
Right: 0.015+/-0.000 χ^2/NDF : 1508261.0/12

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 : 1508261.0/12

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.594+/-0.000 χ^2/NDF : 126471173.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.562+/-0.000 χ^2/NDF : 799281016.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

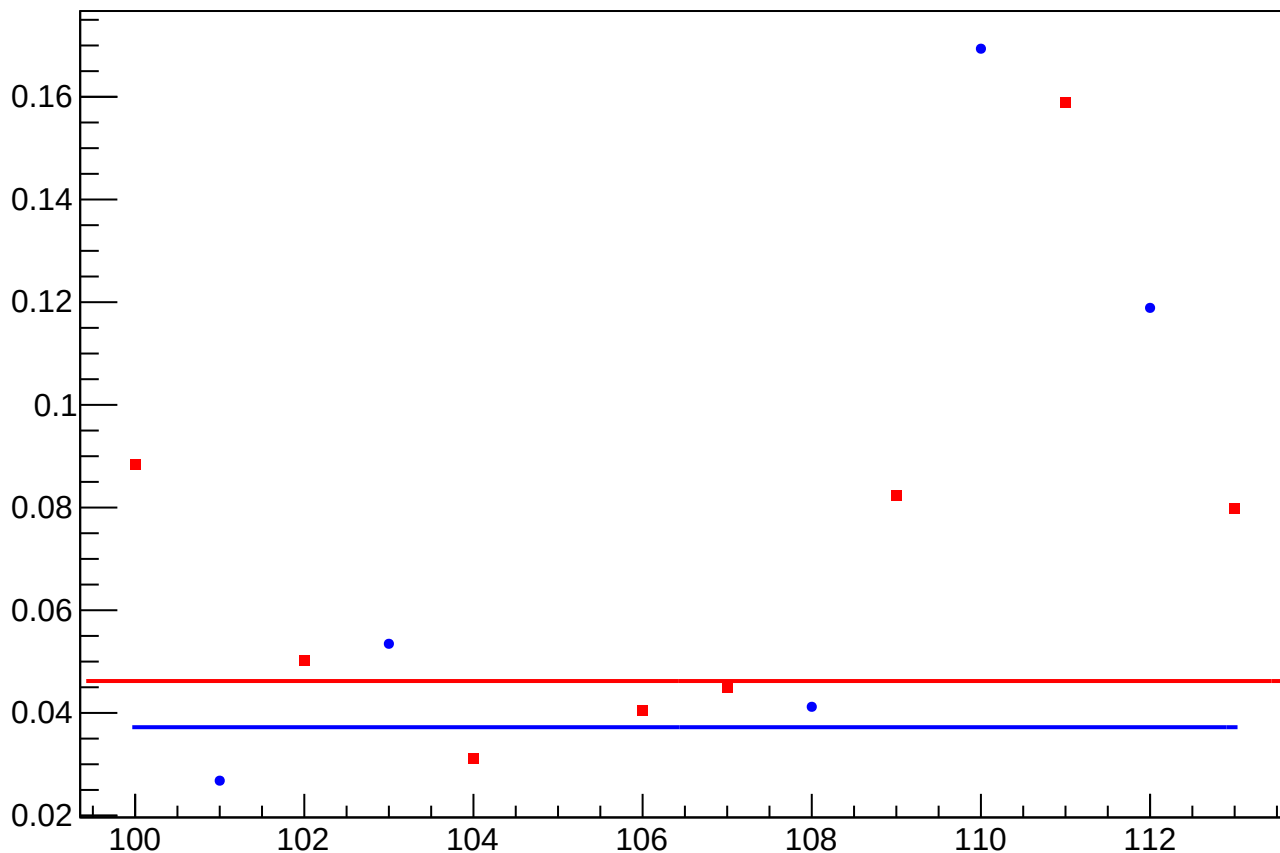
Right: 0.579+/-0.000 χ^2/NDF : 926283185.8/12

In: 0.594+/-0.000 χ^2/NDF : 126471173.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.579+/-0.000 χ^2/NDF : 926283185.8/12

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: 0.046+/-0.000 χ^2/NDF : 950228.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

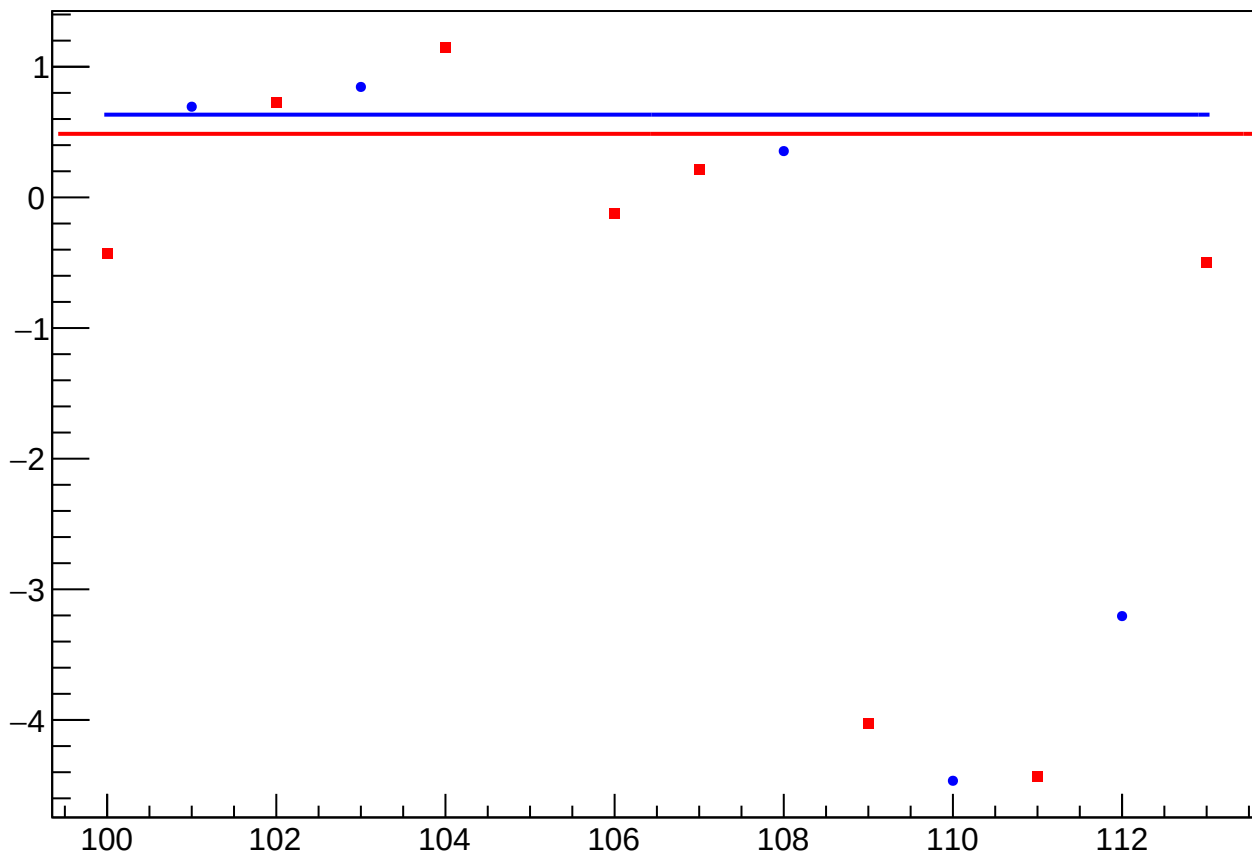
Right: 0.041+/-0.000 χ^2/NDF : 2152661.0/12

In: 0.037+/-0.000 χ^2/NDF : 1114650.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.041+/-0.000 χ^2/NDF : 2152661.0/12

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: 0.487+/-0.000 χ^2/NDF : 3644923339.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

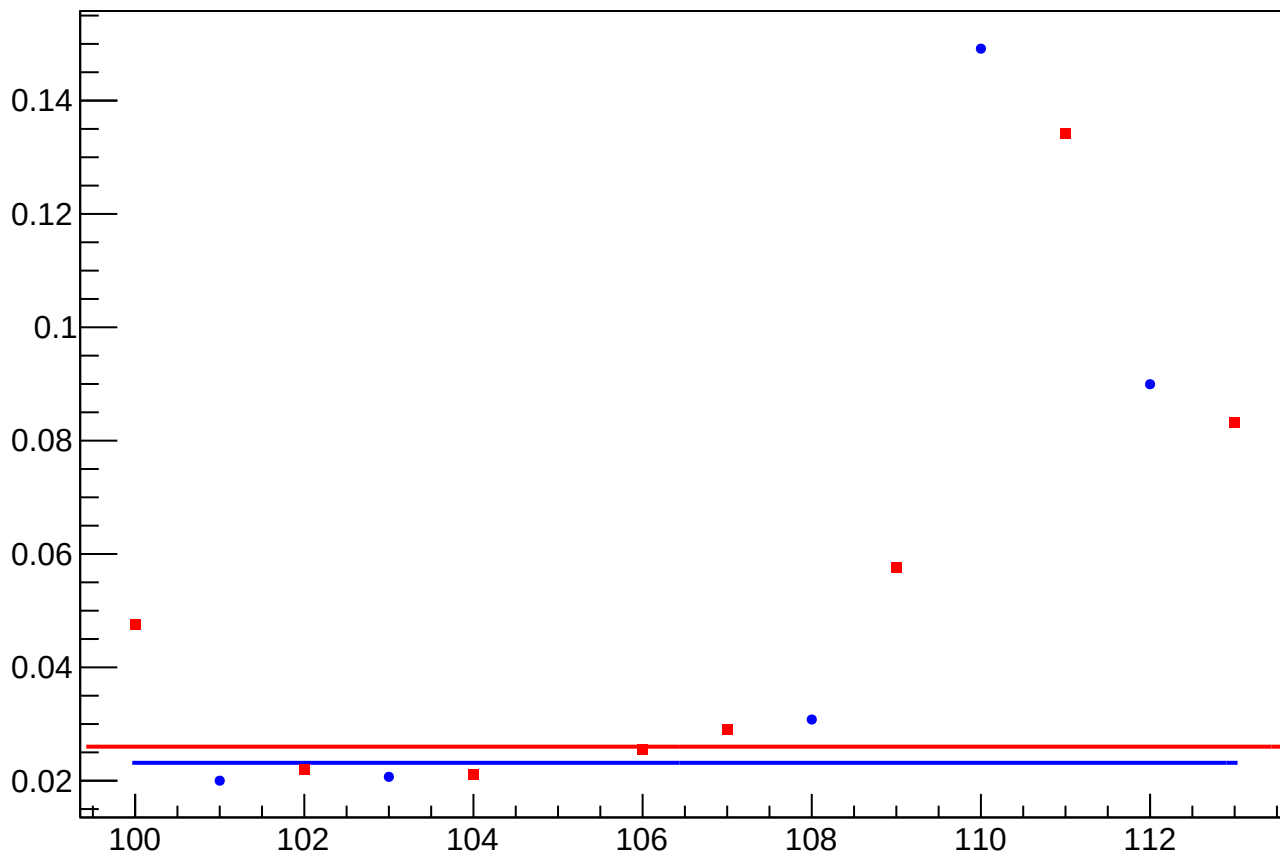
Right: 0.560+/-0.000 χ^2/NDF : 4918796722.0/12

In: 0.633+/-0.000 χ^2/NDF : 1240395991.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.560+/-0.000 χ^2/NDF : 4918796722.0/12

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: 0.026+/-0.000 χ^2/NDF : 1273435.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

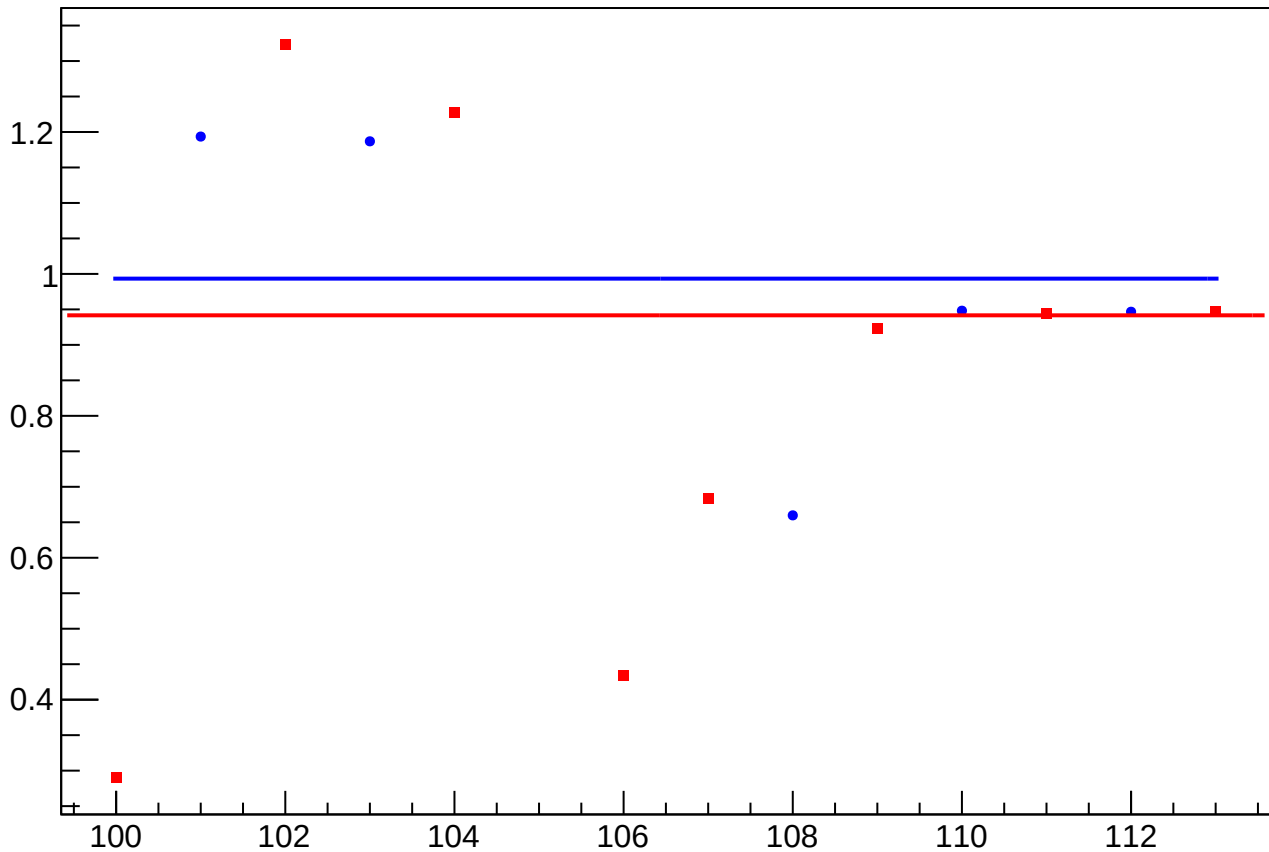
Right: 0.025+/-0.000 χ^2/NDF : 2339799.5/12

In: 0.023+/-0.000 χ^2/NDF : 1041226.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.000 χ^2/NDF : 2339799.5/12

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: 0.942+/-0.000 χ^2/NDF : 440425028.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

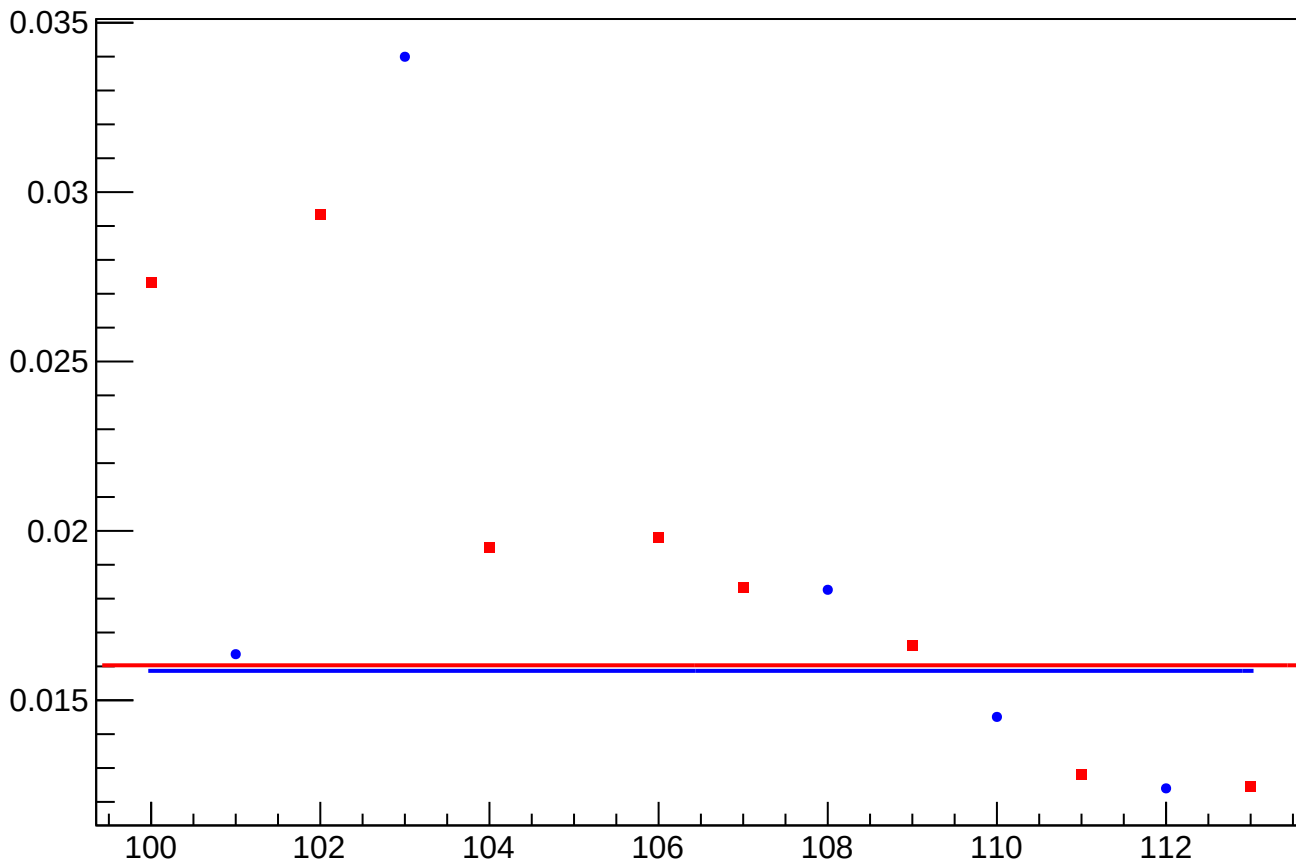
Right: 0.965+/-0.000 χ^2/NDF : 674312753.2/12

In: 0.993+/-0.000 χ^2/NDF : 221853381.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.965+/-0.000 χ^2/NDF : 674312753.2/12

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: 0.016+/-0.000 χ^2/NDF : 431893.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

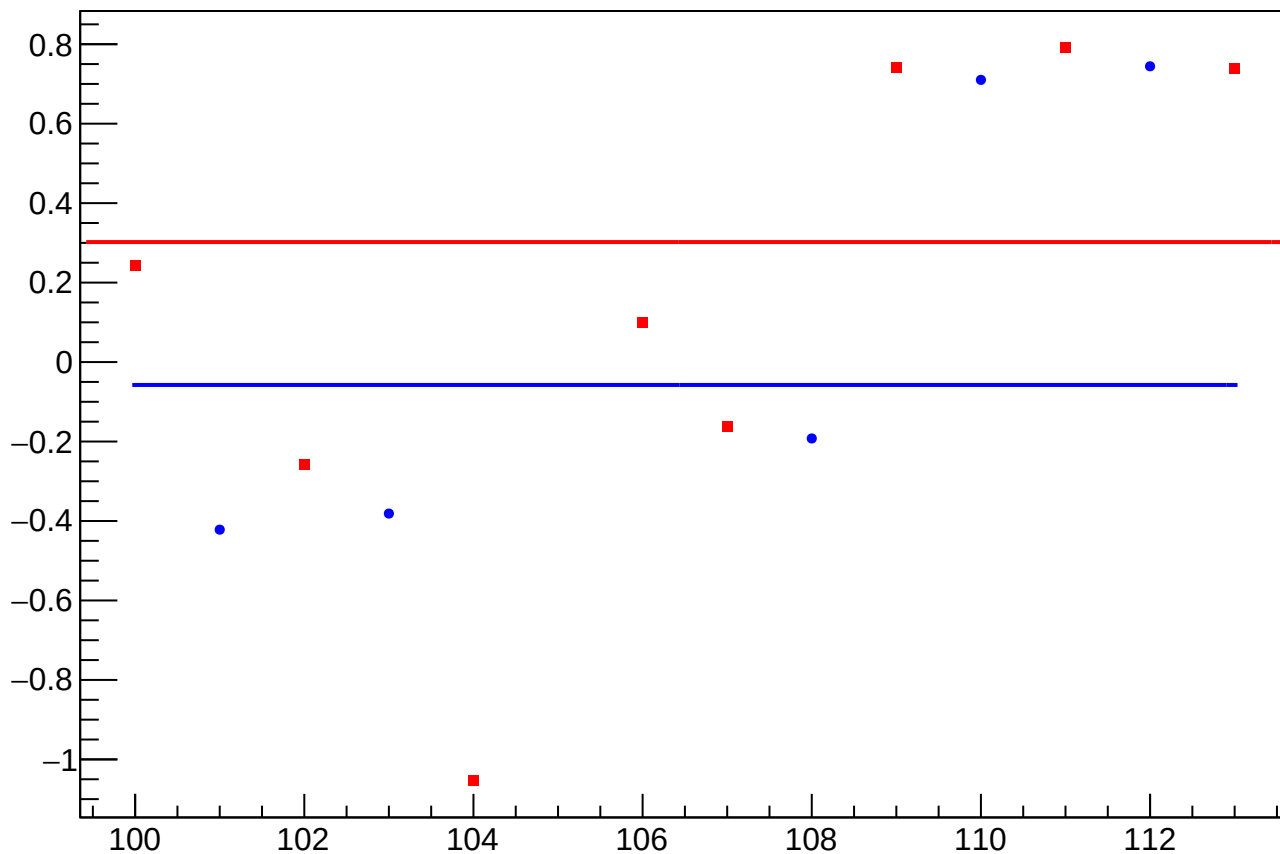
Right: 0.016+/-0.000 χ^2/NDF : 841185.6/12

In: 0.016+/-0.000 χ^2/NDF : 409049.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 841185.6/12

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: 0.302+/-0.000

χ^2/NDF : 5910980814.4/7

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.191+/-0.000

χ^2/NDF : 8136561829.6/12

In: -0.058+/-0.000

χ^2/NDF : 1632714492.6/4

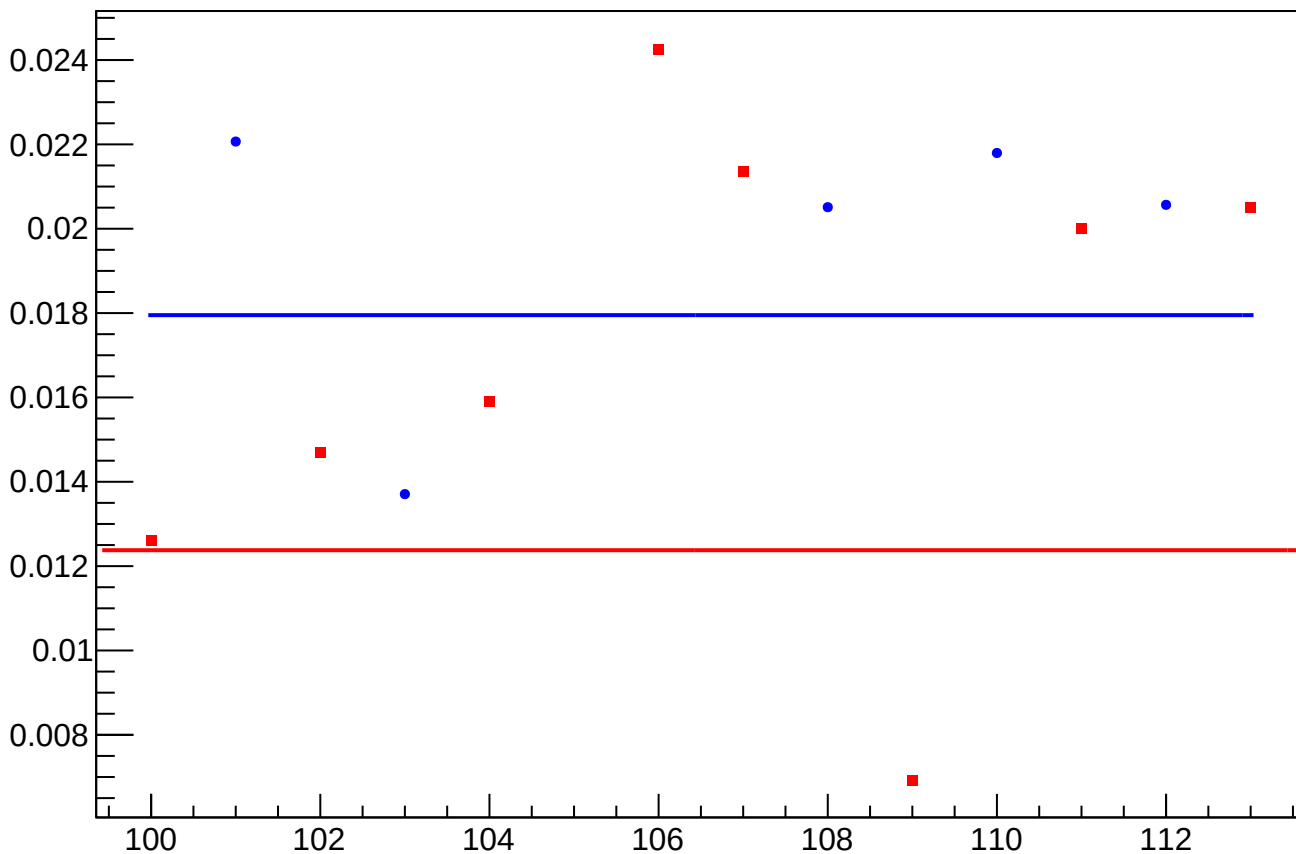
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.191+/-0.000

χ^2/NDF : 8136561829.6/12

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 : 950908.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

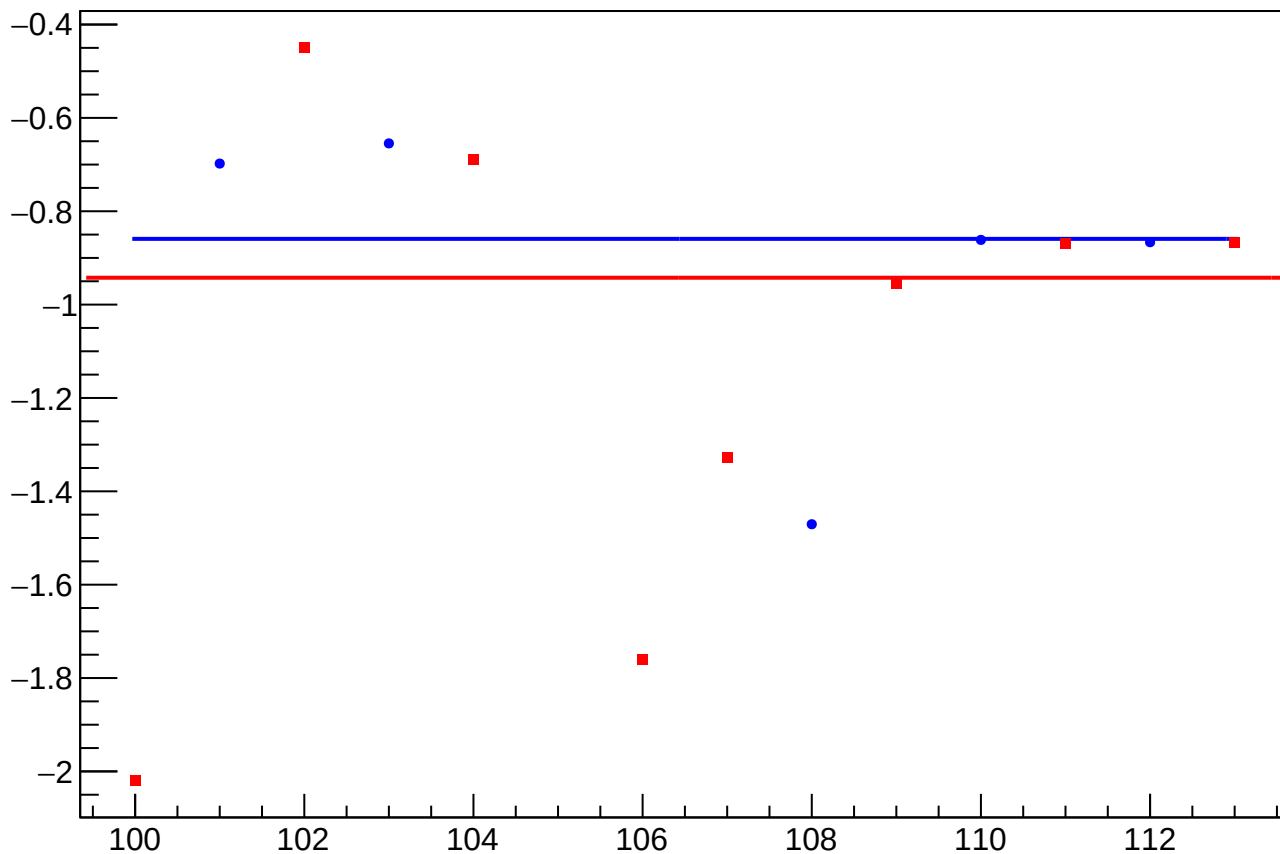
Right: 0.014+/-0.000 χ^2/NDF : 1426960.5/12

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 : 1426960.5/12

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: -0.942+/-0.000 χ^2/NDF : 223778595.3/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

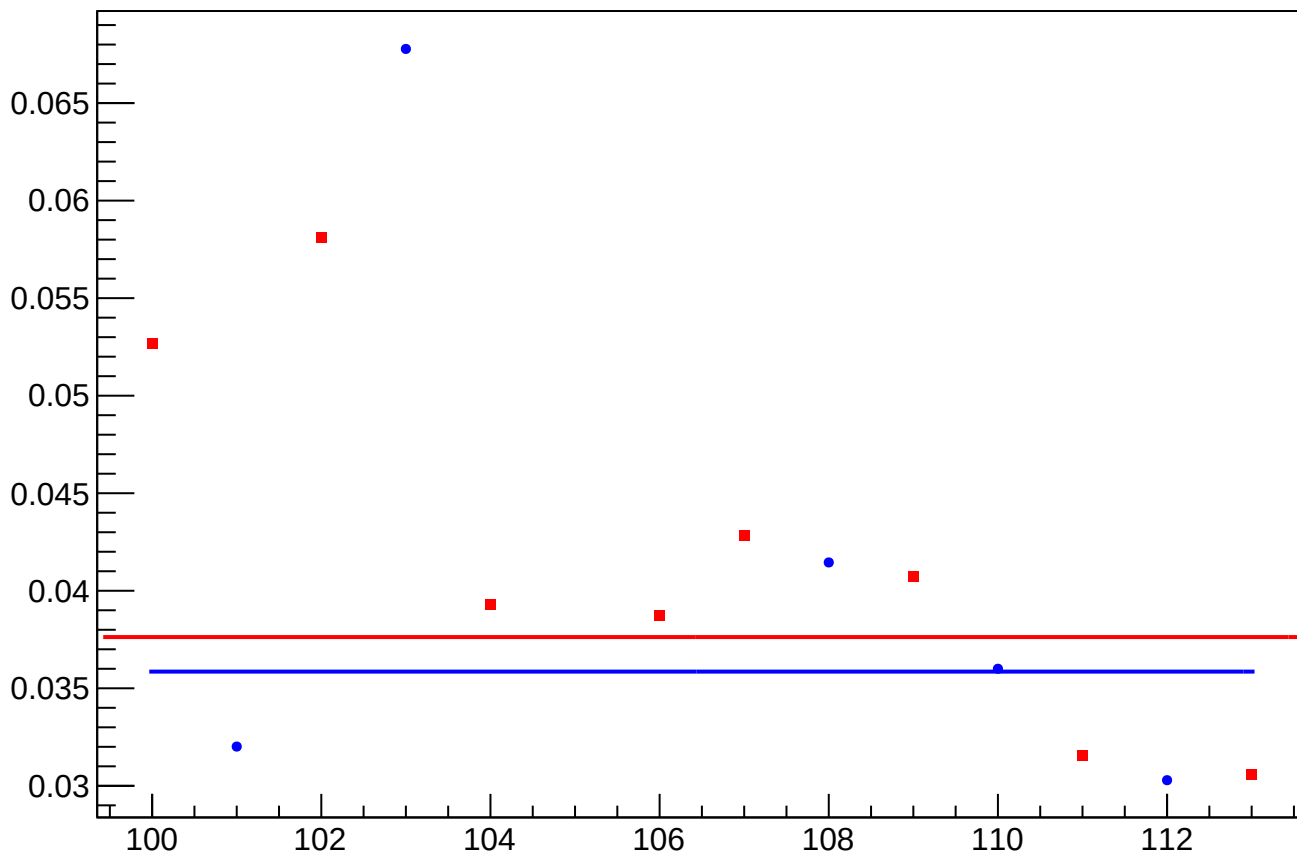
Right: -0.904+/-0.000 χ^2/NDF : 319725629.4/12

In: -0.859+/-0.000 χ^2/NDF :89916599.5/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.904+/-0.000 χ^2/NDF : 319725629.4/12

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: 0.038+/-0.000 χ^2/NDF : 236877.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

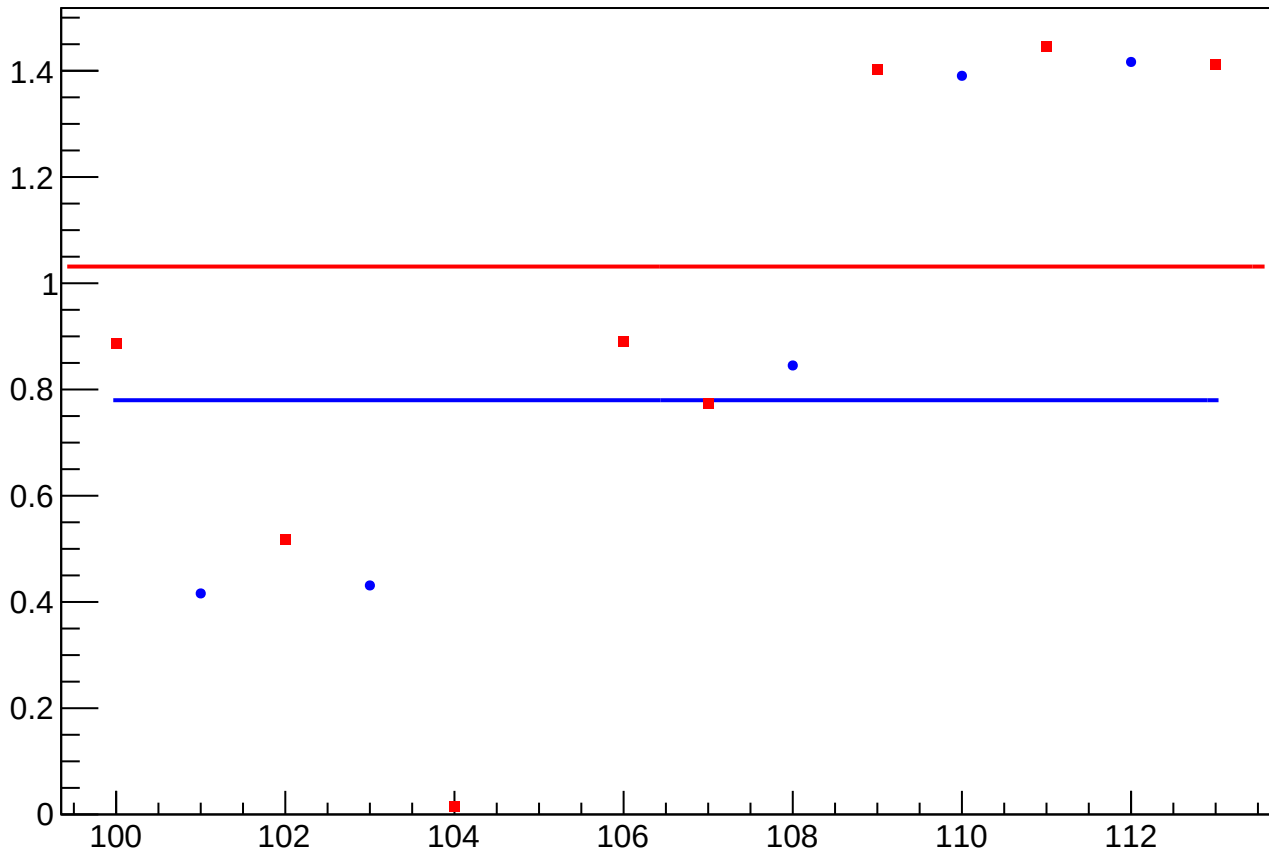
Right: 0.037+/-0.000 χ^2/NDF : 547229.9/12

In: 0.036+/-0.000 χ^2/NDF : 304894.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.037+/-0.000 χ^2/NDF : 547229.9/12

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: 1.031+/-0.000 χ^2/NDF : 6754413226.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

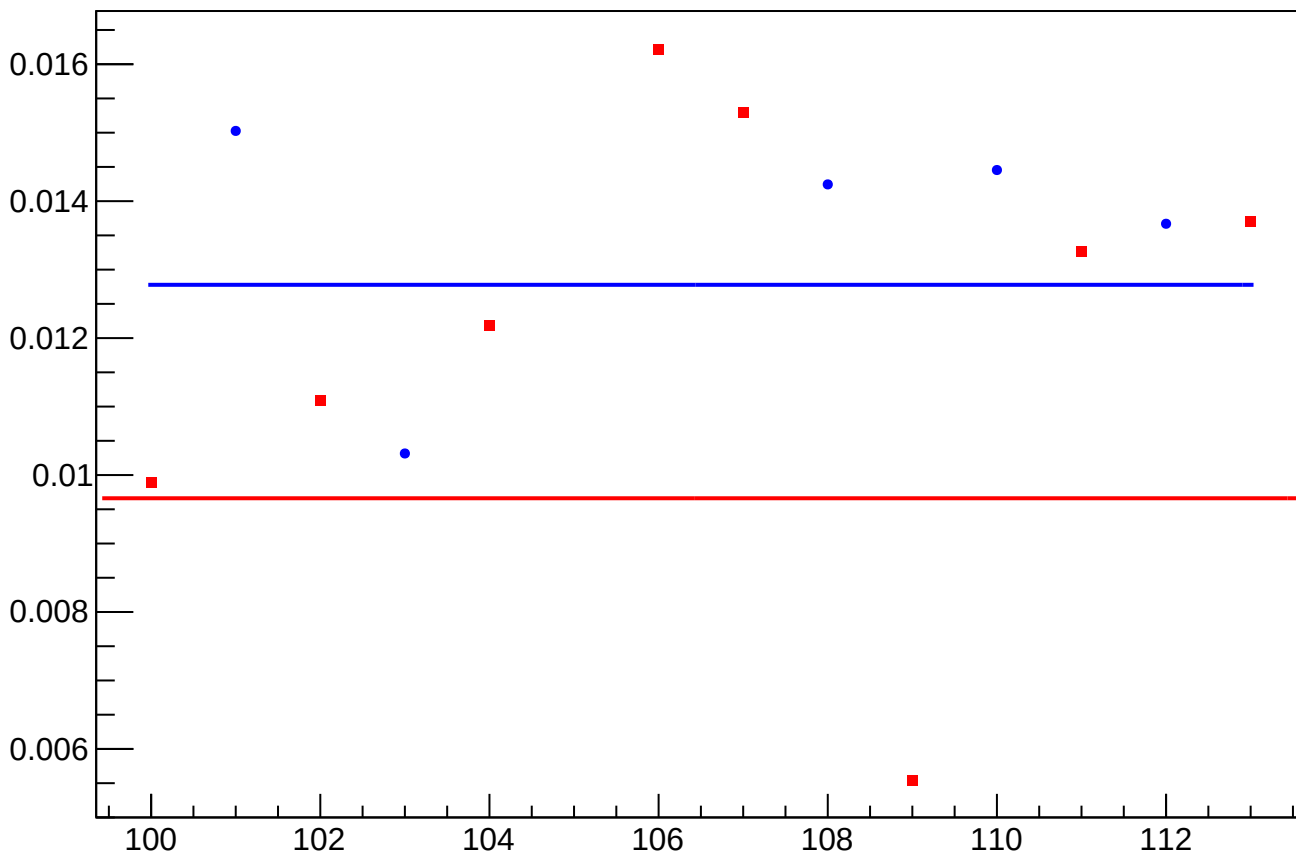
Right: 0.946+/-0.000 χ^2/NDF : 9947548364.8/12

In: 0.780+/-0.000 χ^2/NDF : 2638312377.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.946+/-0.000 χ^2/NDF : 9947548364.8/12

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: 0.010+/-0.000 χ^2/NDF : 700876.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

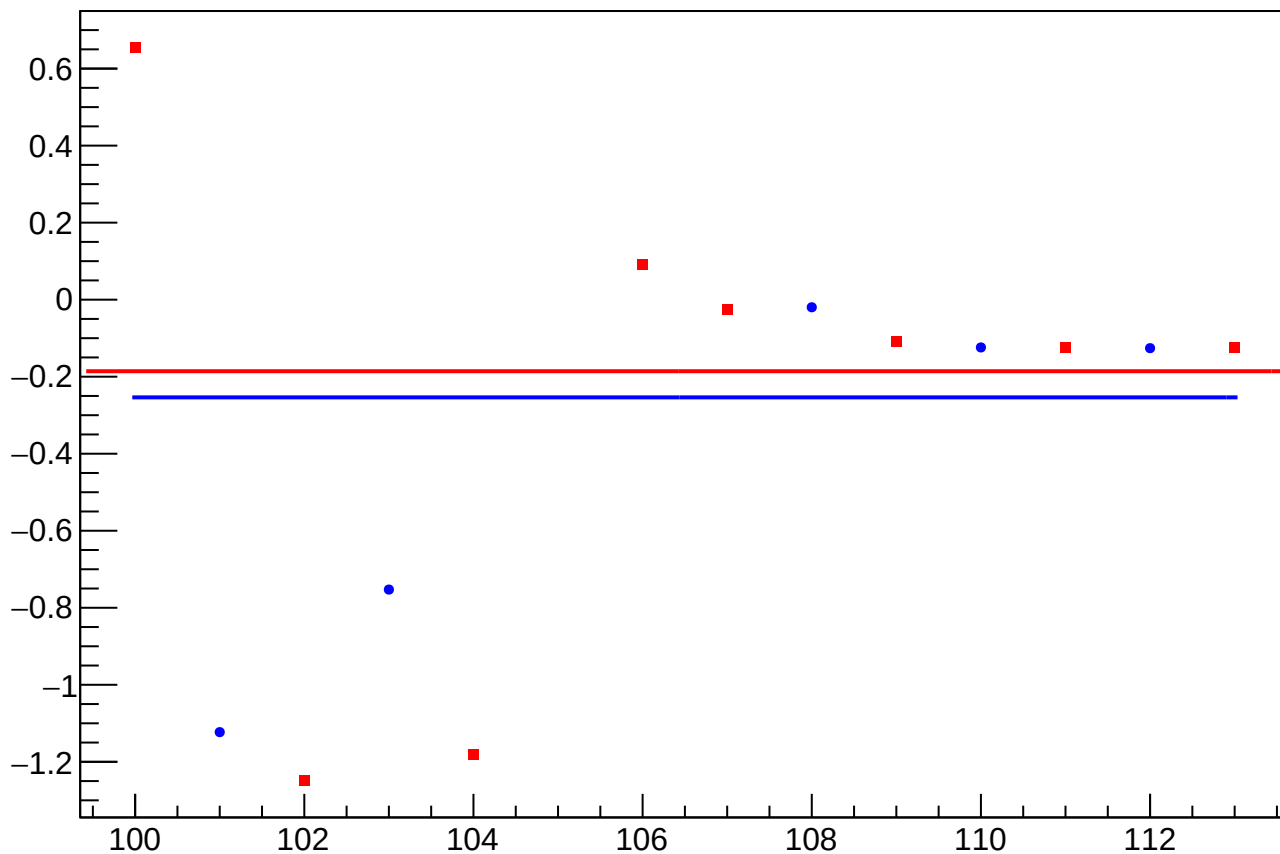
Right: 0.011+/-0.000 χ^2/NDF : 978826.9/12

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 : 978826.9/12

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: -0.186+/-0.000 χ^2/NDF : 496592163.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

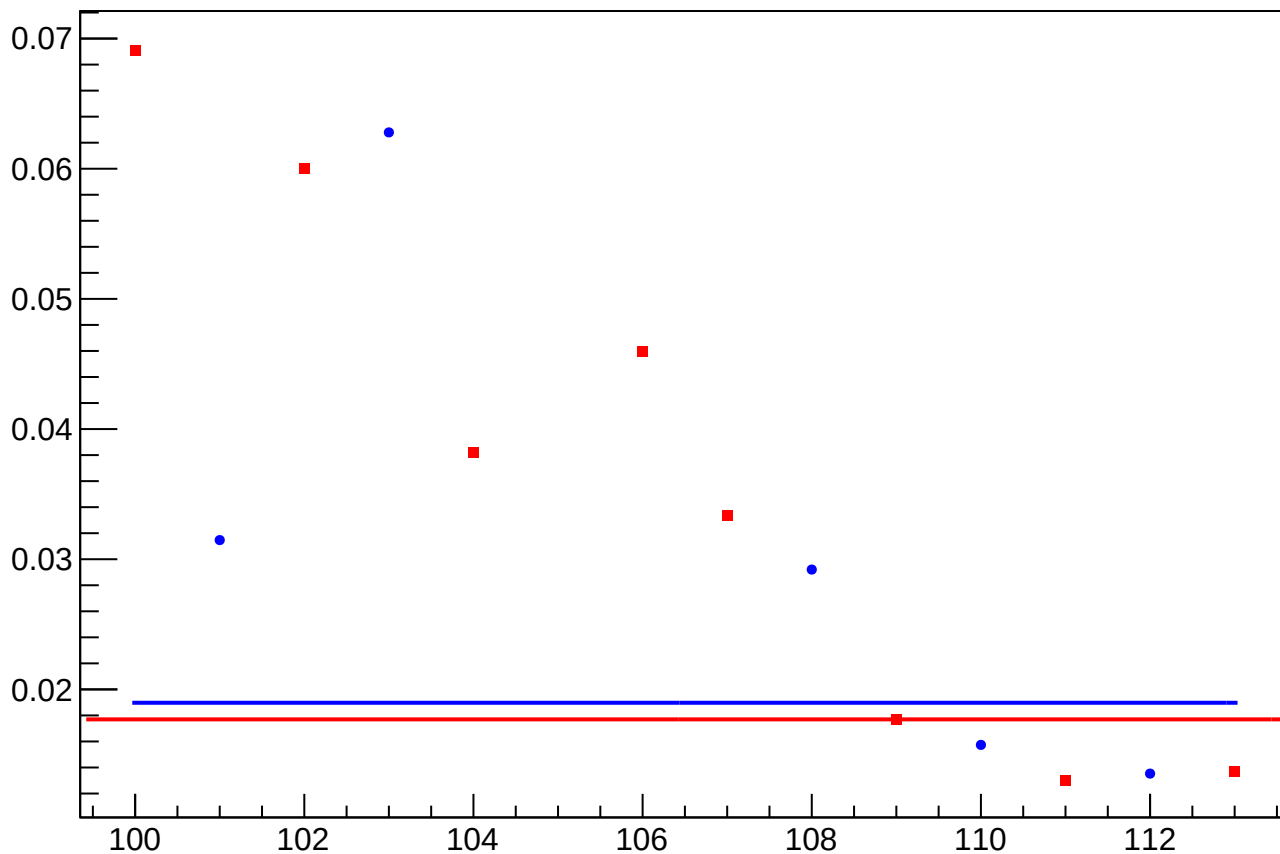
Right: -0.214+/-0.000 χ^2/NDF : 1036120167.3/12

In: -0.254+/-0.000 χ^2/NDF : 527158167.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.214+/-0.000 χ^2/NDF : 1036120167.3/1

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: 0.018+/-0.000 χ^2/NDF : 1301392.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

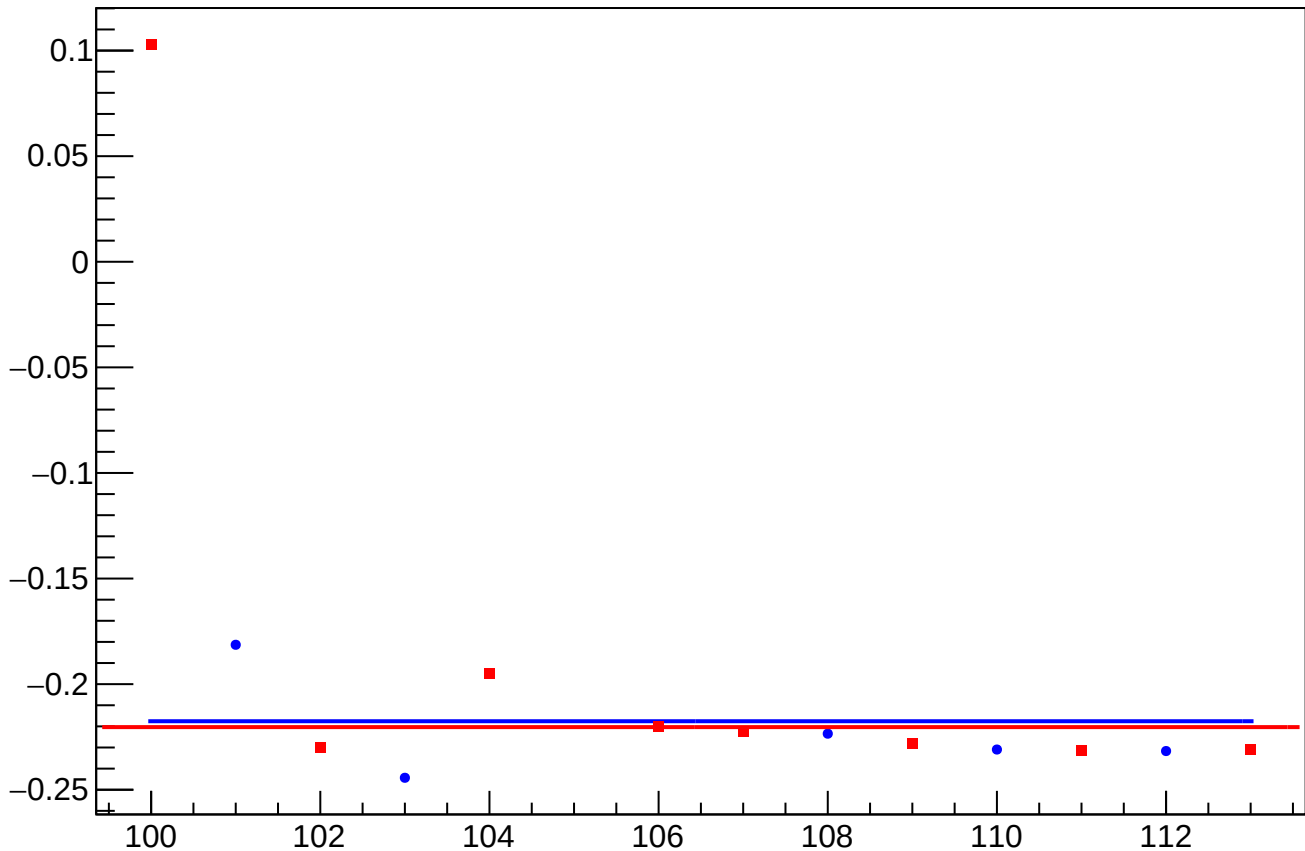
Right: 0.018+/-0.000 χ^2/NDF : 2250430.5/12

In: 0.019+/-0.000 χ^2/NDF : 940301.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.000 χ^2/NDF : 2250430.5/12

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: -0.220+/-0.000 χ^2/NDF : 155640899.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

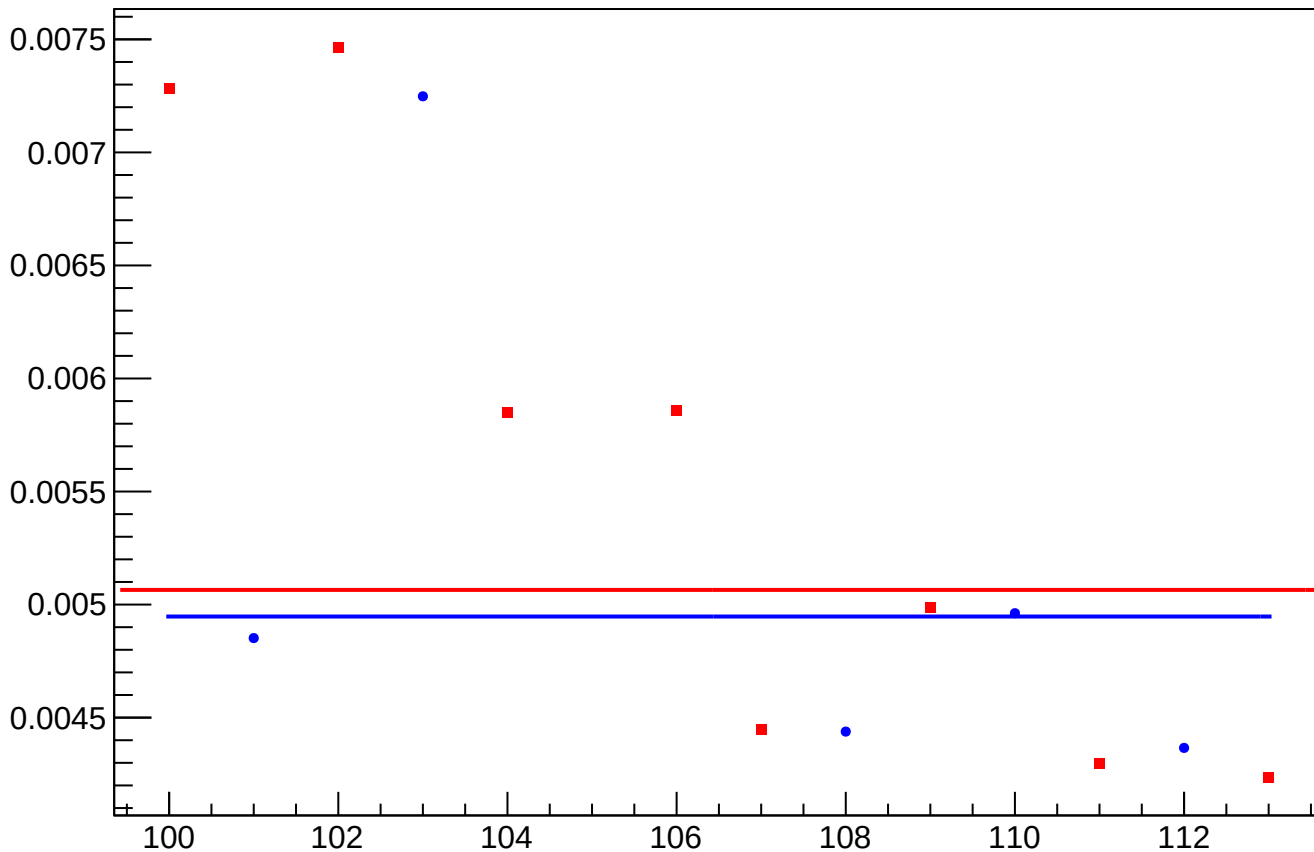
Right: -0.219+/-0.000 χ^2/NDF : 203523210.6/12

In: -0.218+/-0.000 χ^2/NDF : 47501425.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.219+/-0.000 χ^2/NDF : 203523210.6/12

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 : 231625.2/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

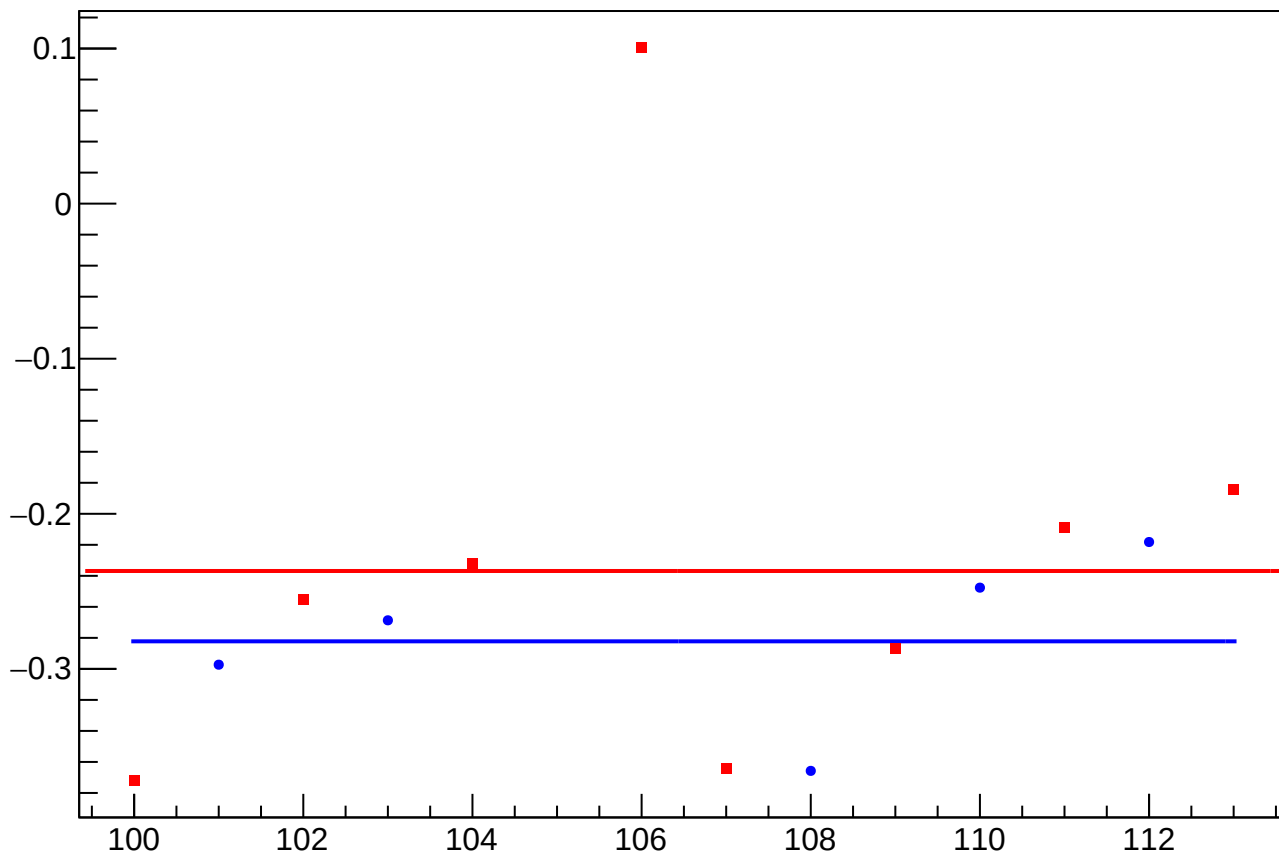
Right: 0.005+/-0.000 χ^2/NDF : 371387.8/12

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 : 371387.8/12

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: -0.237+/-0.000 χ^2/NDF : 557192129.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

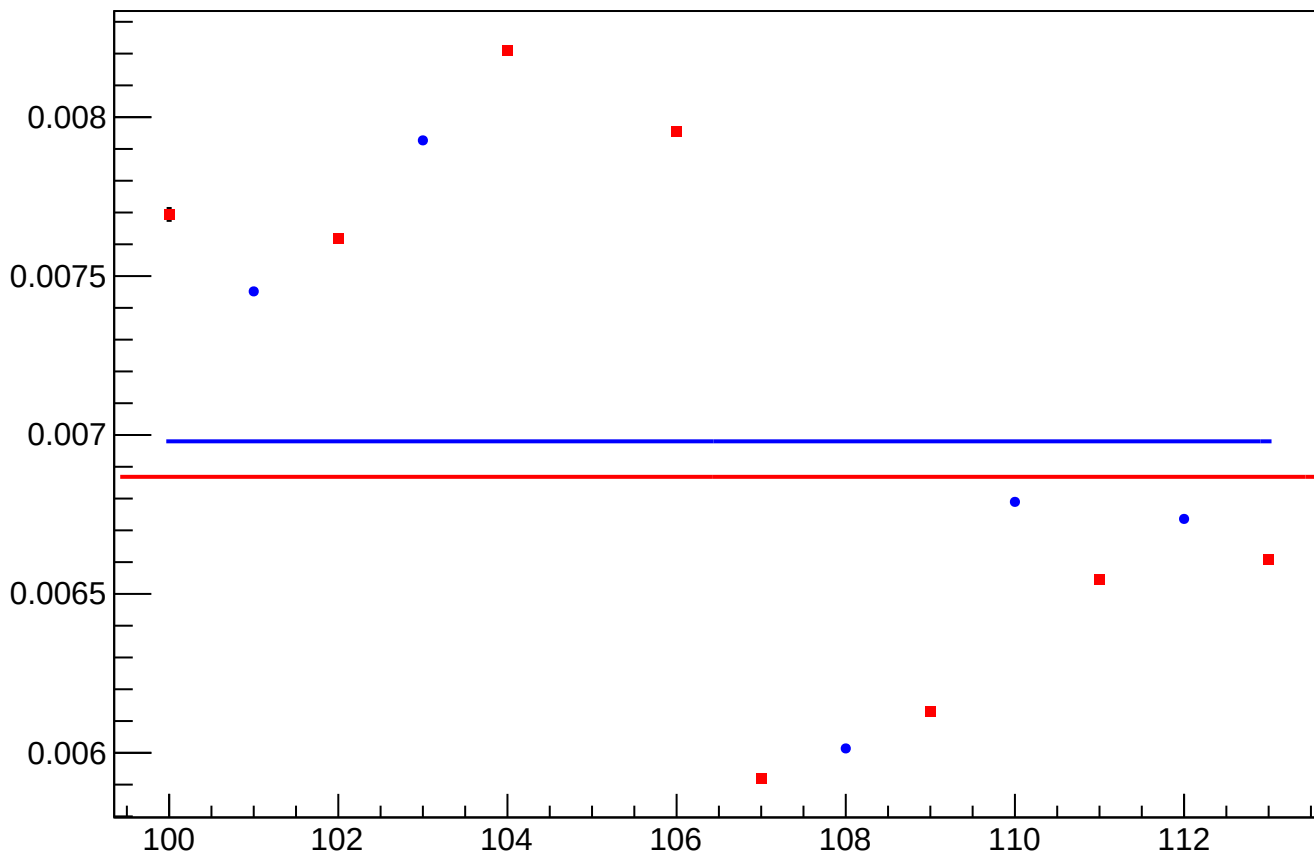
Right: -0.257+/-0.000 χ^2/NDF : 748157470.6/12

In: -0.282+/-0.000 χ^2/NDF : 132698675.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.257+/-0.000 χ^2/NDF : 748157470.6/12

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 : 79548.2/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

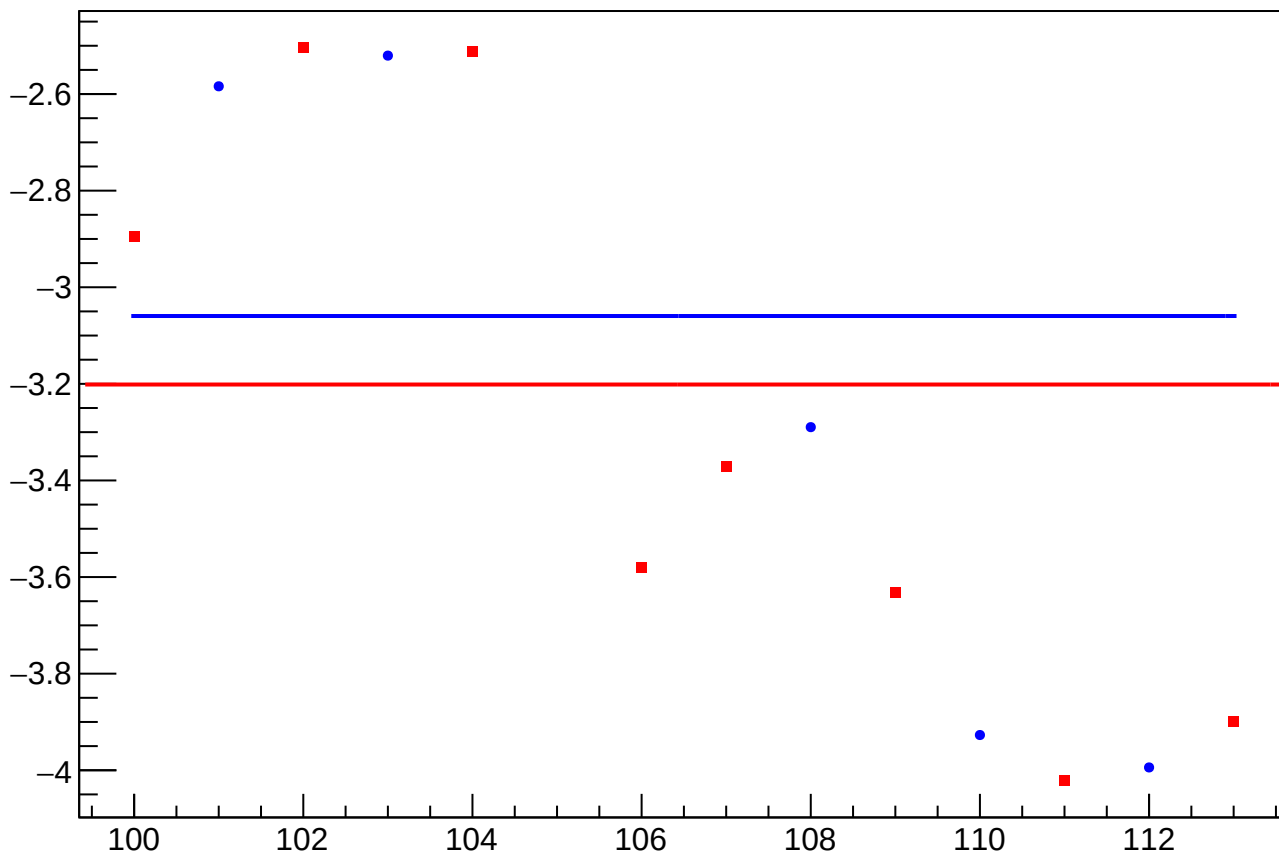
Right: 0.007+/-0.000 χ^2/NDF : 124463.8/12

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 : 124463.8/12

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -3.060+/-0.000

χ^2/NDF : 16559295461.5/4

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: -3.136+/-0.000 χ^2/NDF : 37058161462.8/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: -3.060+/-0.000 χ^2/NDF : 16559295461.5/4

Right Out: -3.201+/-0.000 χ^2/NDF : 20036557255.9/7

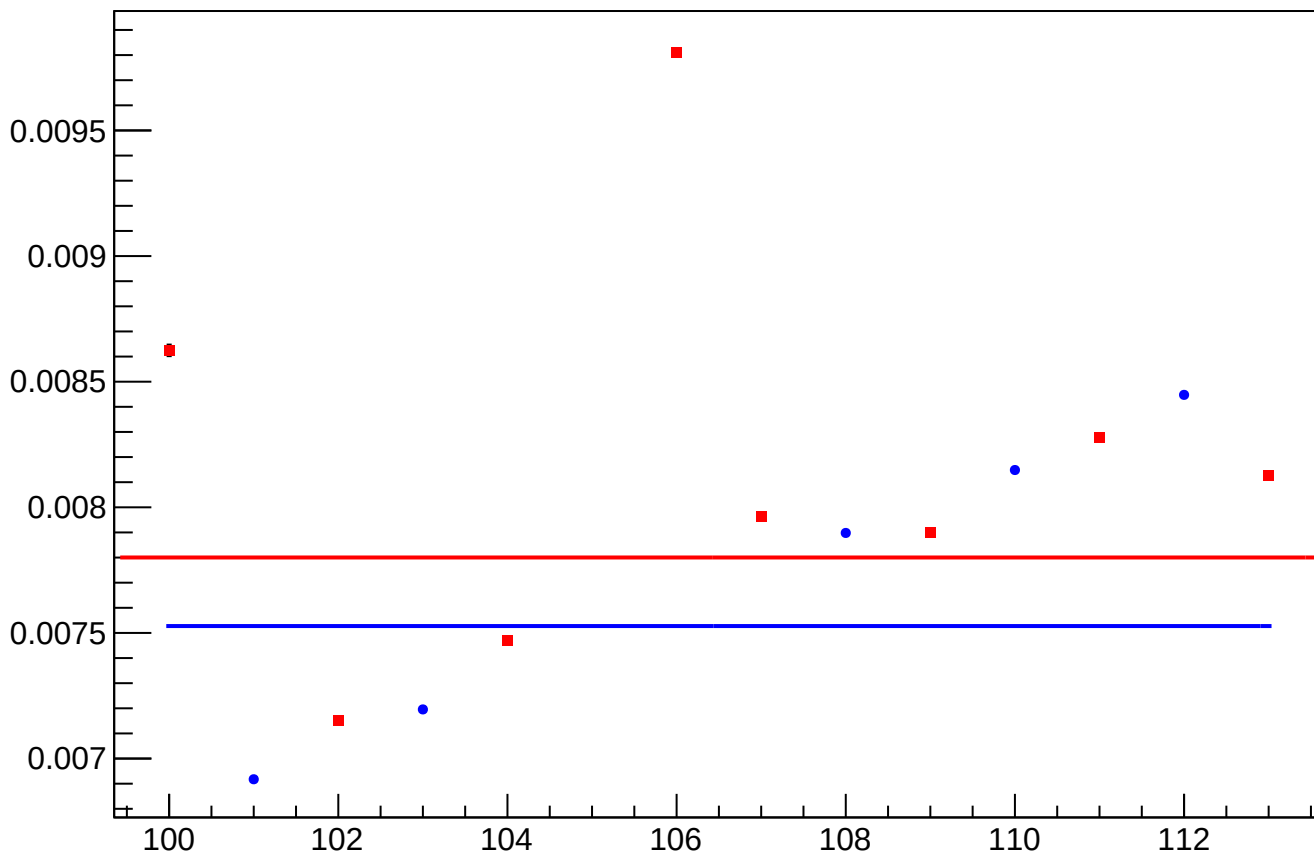
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: -3.136+/-0.000 χ^2/NDF : 37058161462.8/12

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 : 31827.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

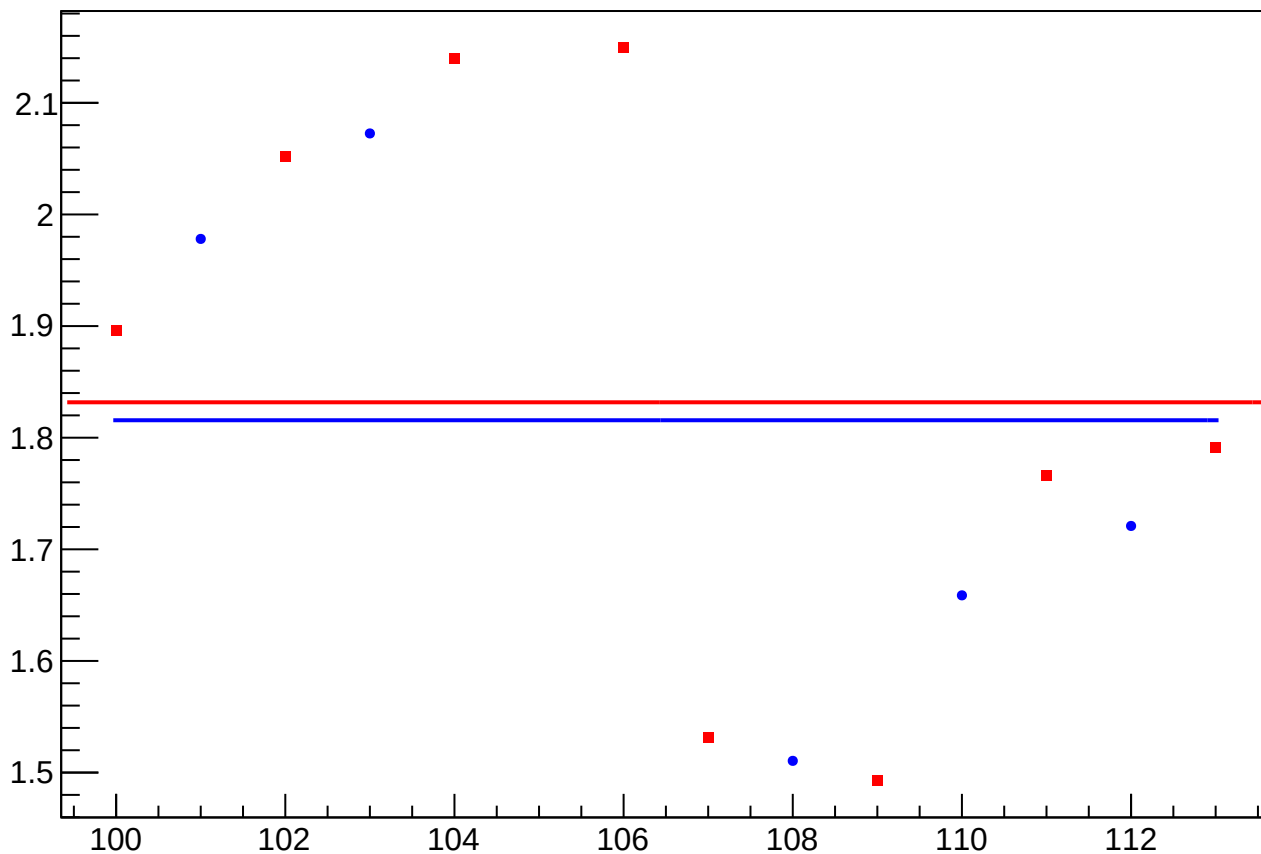
Right: 0.008+/-0.000 χ^2/NDF : 64910.8/12

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 : 64910.8/12

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: 1.832+/-0.000 χ^2/NDF : 1142479048.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

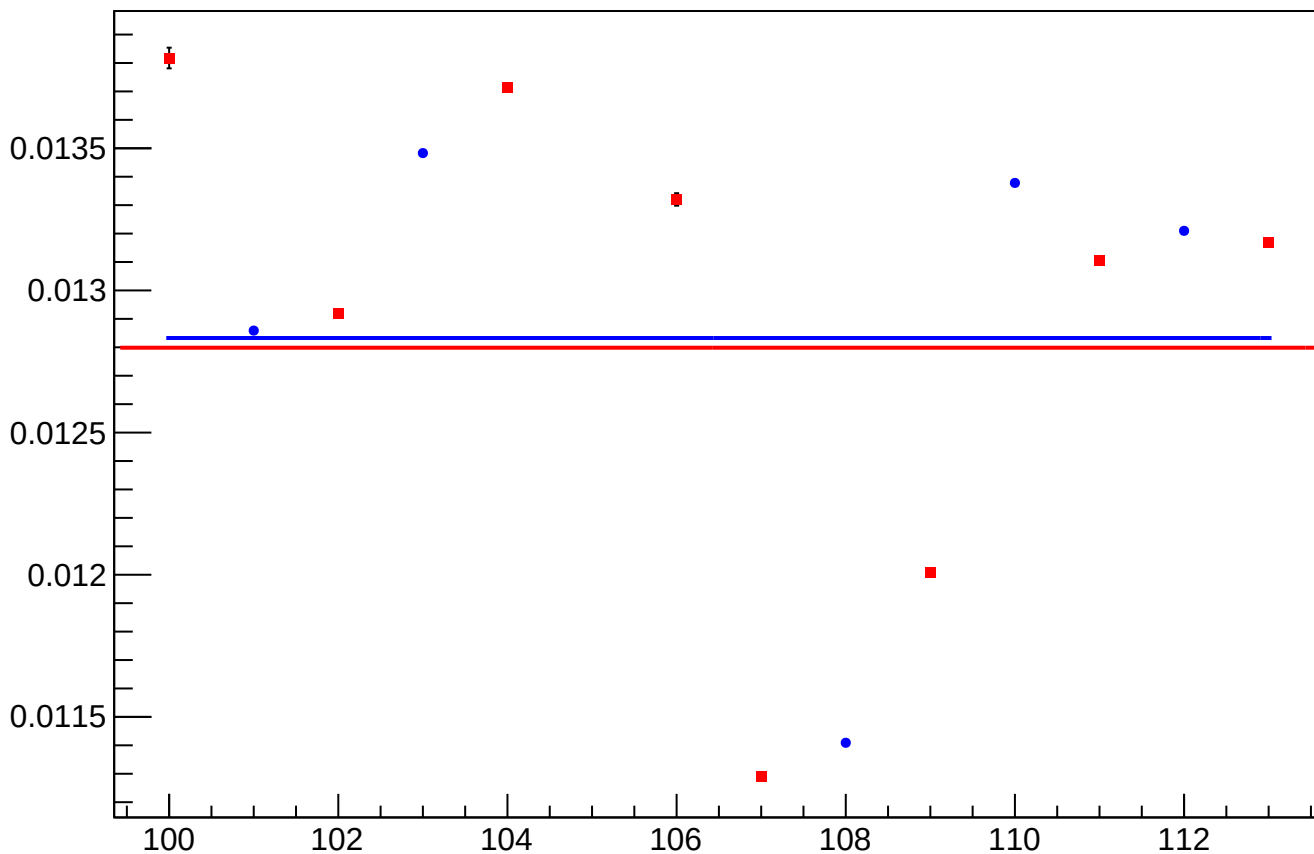
Right: 1.825+/-0.000 χ^2/NDF : 1817757145.8/12

In: 1.816+/-0.000 χ^2/NDF :673140402.9/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.825+/-0.000 χ^2/NDF : 1817757145.8/12

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 : 20196.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

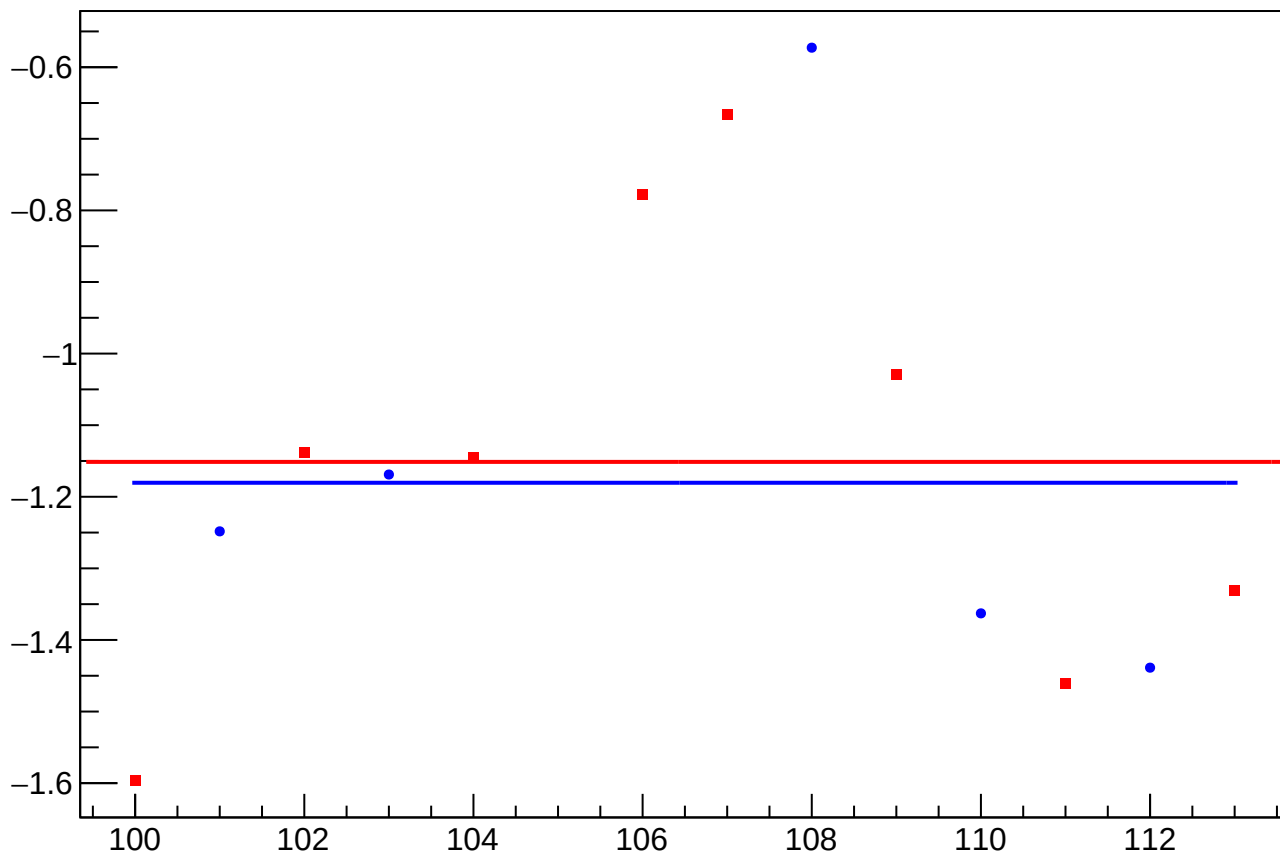
Right: 0.013+/-0.000 χ^2/NDF : 37154.7/12

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 : 37154.7/12

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: -1.151+/-0.000 χ^2/NDF : 1610686769.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

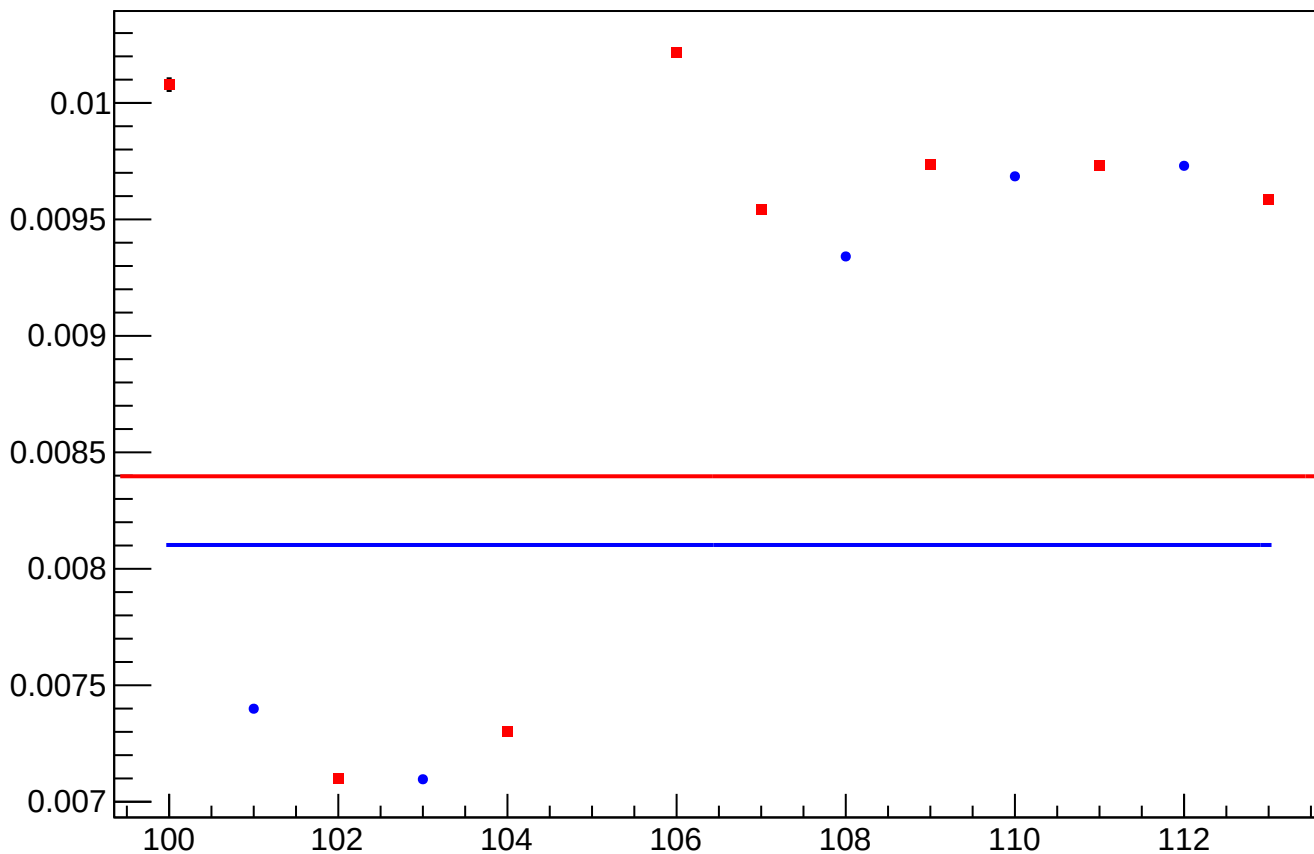
Right: -1.165+/-0.000 χ^2/NDF : 3732536497.4/12

In: -1.180+/-0.000 χ^2/NDF : 2105557960.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.165+/-0.000 χ^2/NDF : 3732536497.4/12

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 : 133160.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

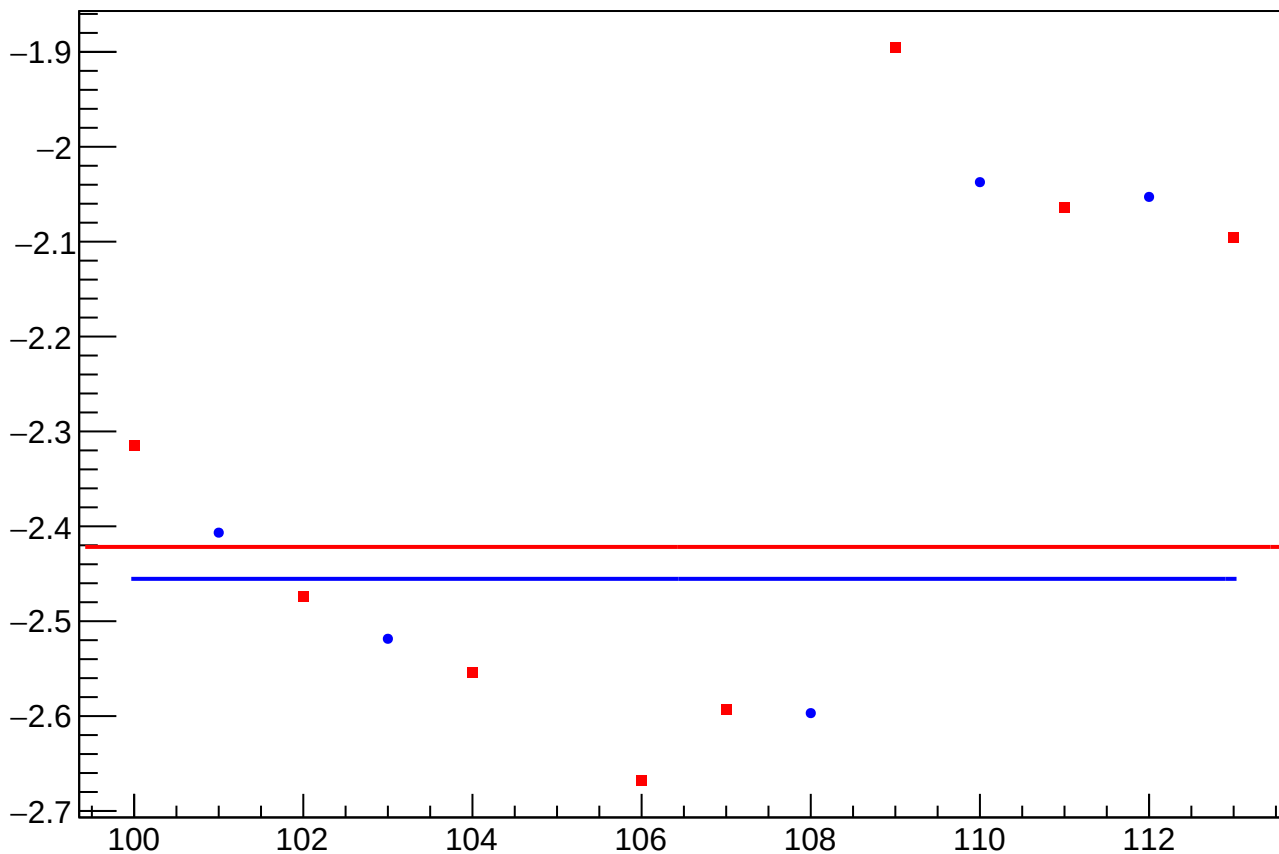
Right: 0.008+/-0.000 χ^2/NDF : 229450.2/12

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 : 229450.2/12

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: -2.422+/-0.000 χ^2/NDF : 2887454172.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

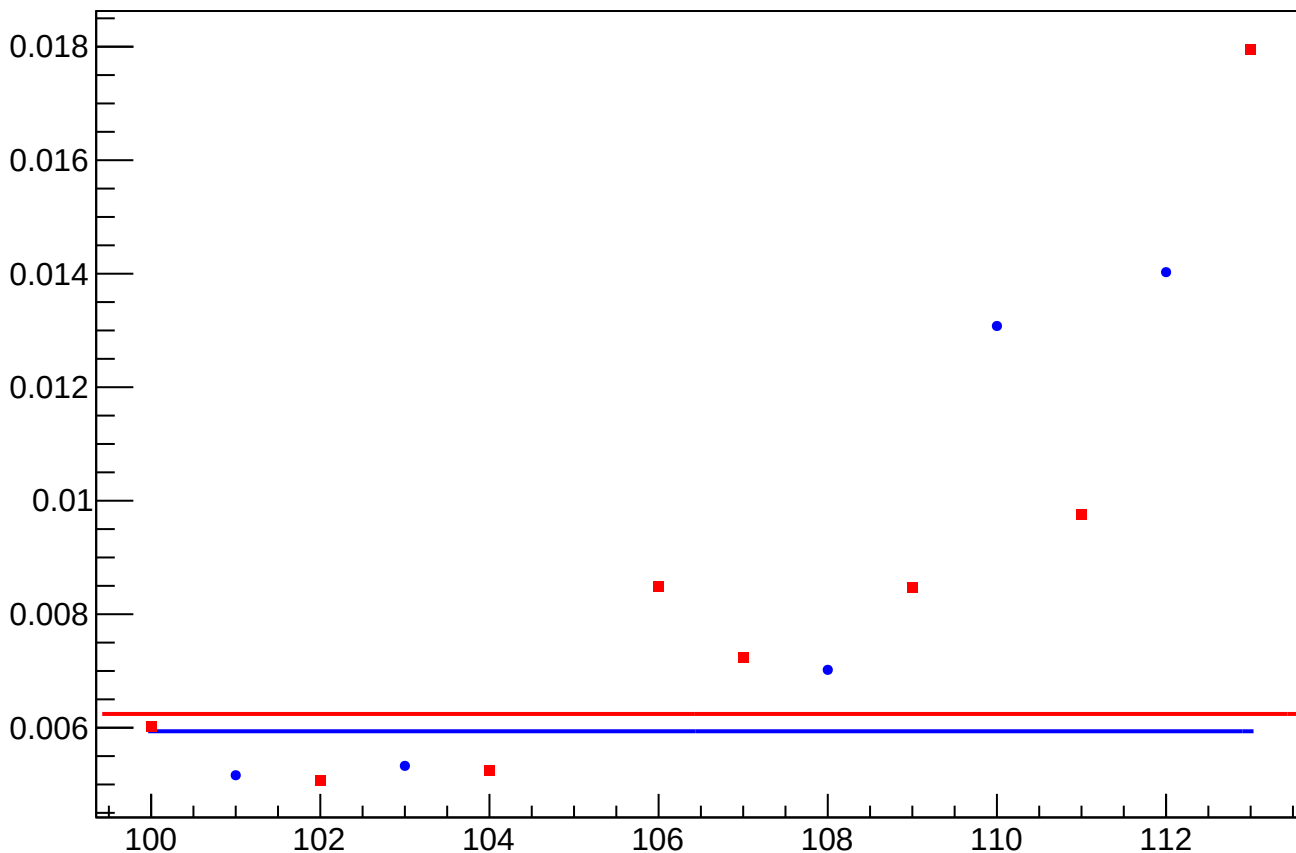
Right: -2.438+/-0.000 χ^2/NDF : 3714589986.7/12

In: -2.455+/-0.000 χ^2/NDF : 794117381.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.438+/-0.000 χ^2/NDF : 3714589986.7/12

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 : 532437.8/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

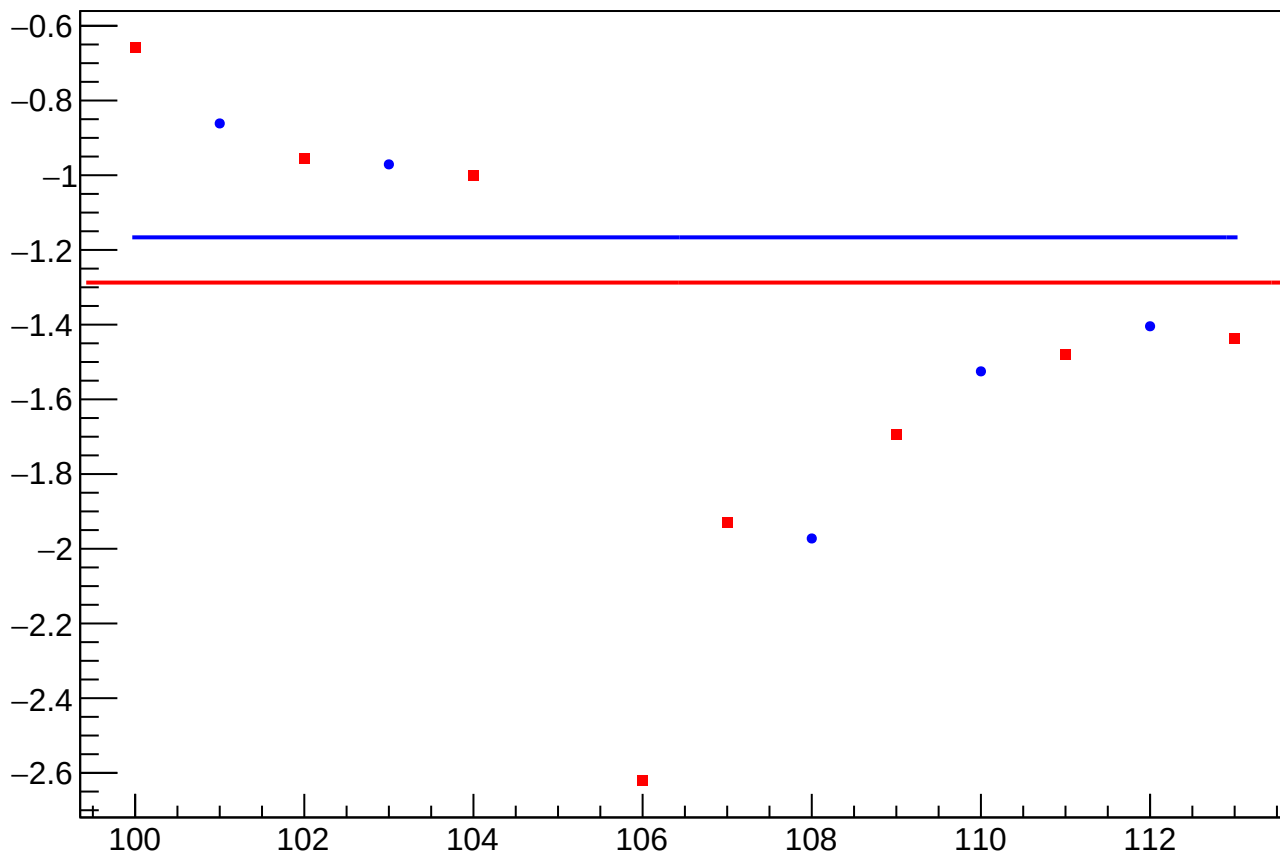
Right: 0.006+/-0.000 χ^2/NDF : 947344.6/12

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 : 947344.6/12

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: -1.287+/-0.000 χ^2/NDF : 16958389143.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

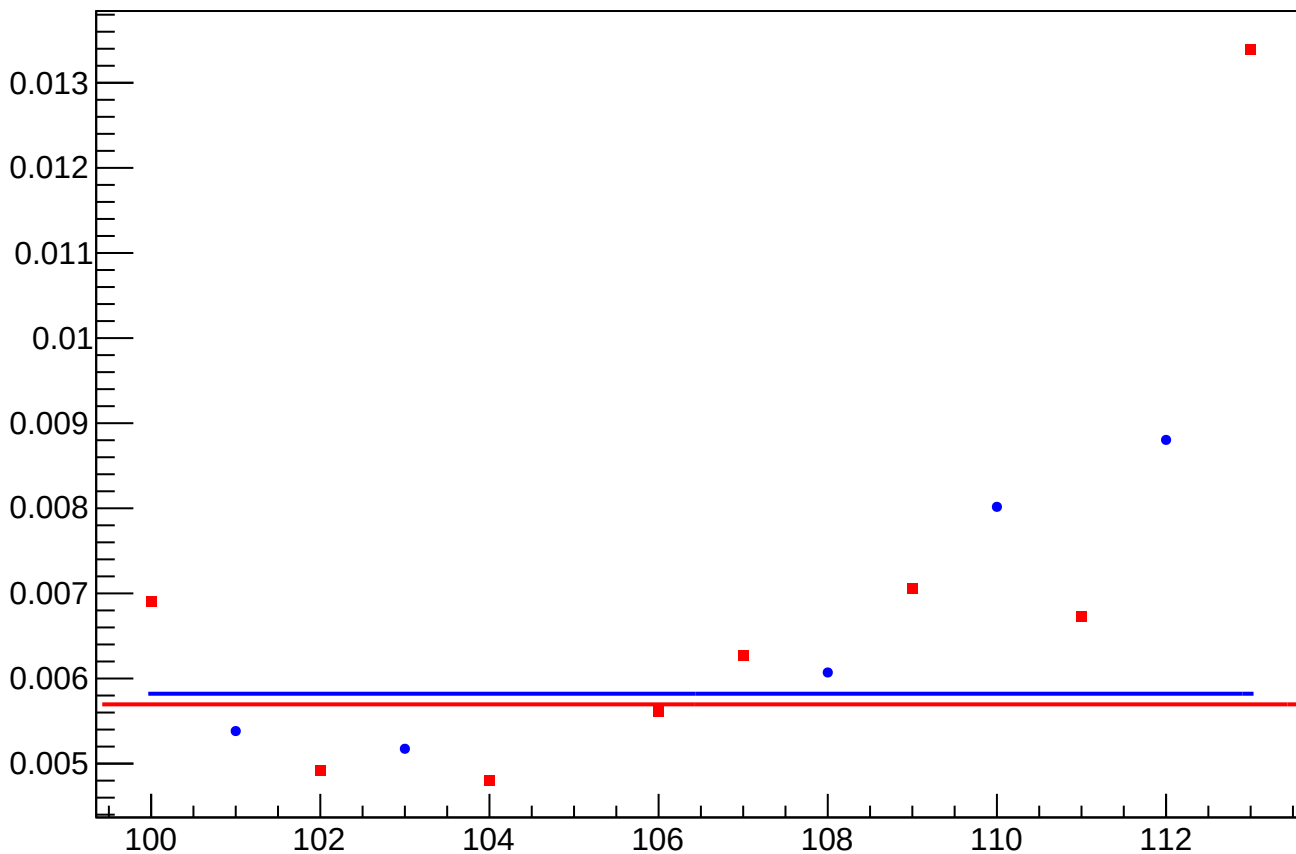
Right: -1.234+/-0.000 χ^2/NDF : 27780320781.4/12

In: -1.166+/-0.000 χ^2/NDF :10318479327.2/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.234+/-0.000 χ^2/NDF : 27780320781.4/12

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 : 298260.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

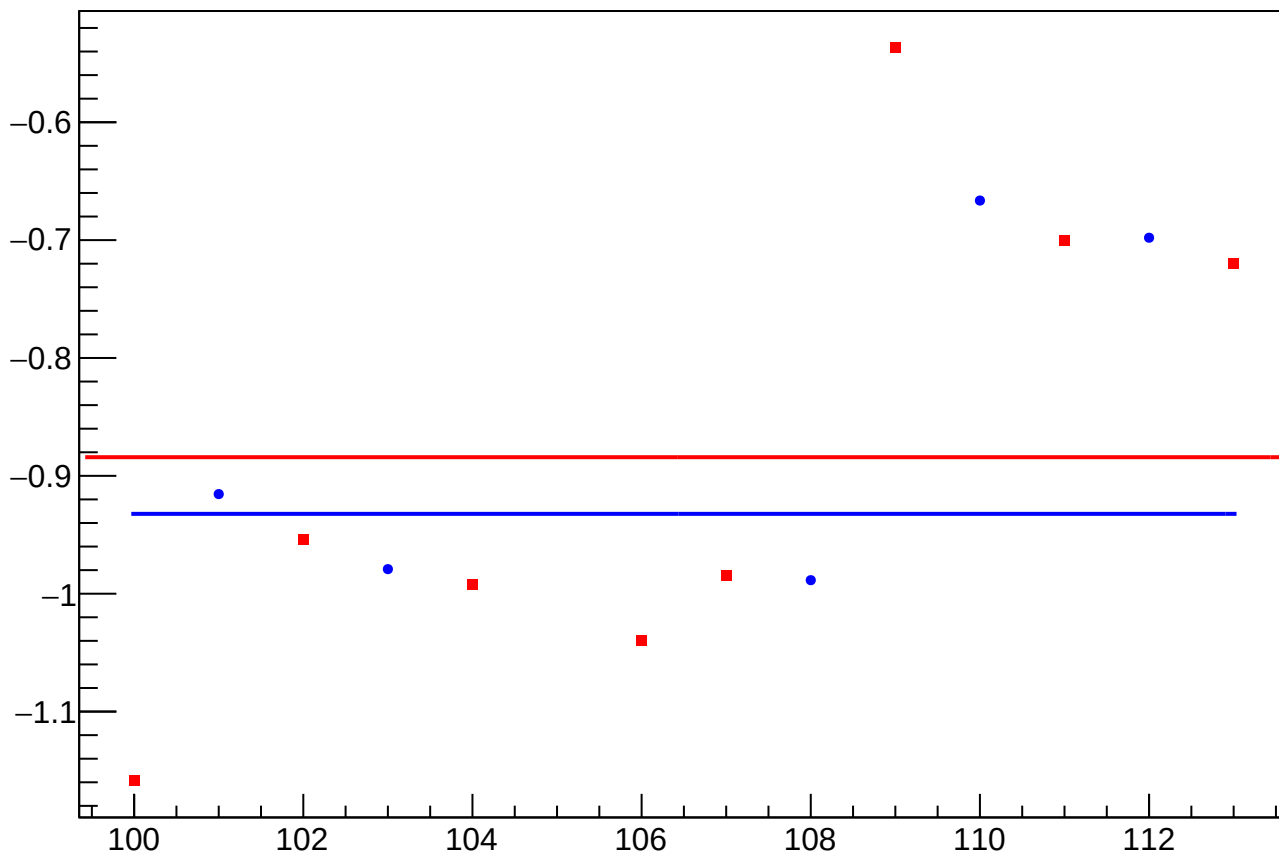
Right: 0.006+/-0.000 χ^2/NDF : 436394.3/12

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 : 436394.3/12

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: -0.884+/-0.000 χ^2/NDF : 3239955807.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

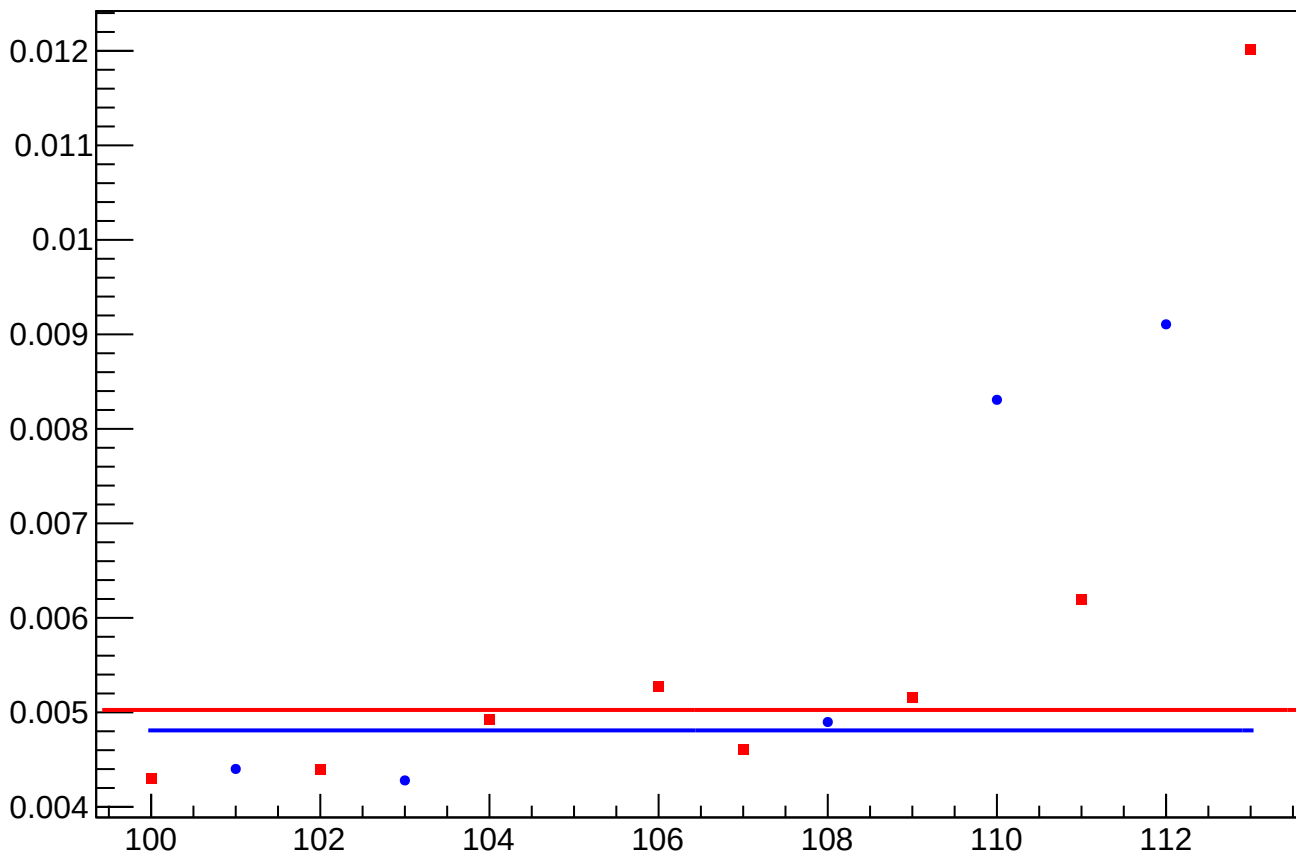
Right: -0.906+/-0.000 χ^2/NDF : 3938099699.9/12

In: -0.932+/-0.000 χ^2/NDF : 589319595.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.906+/-0.000 χ^2/NDF : 3938099699.9/12

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 : 264273.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

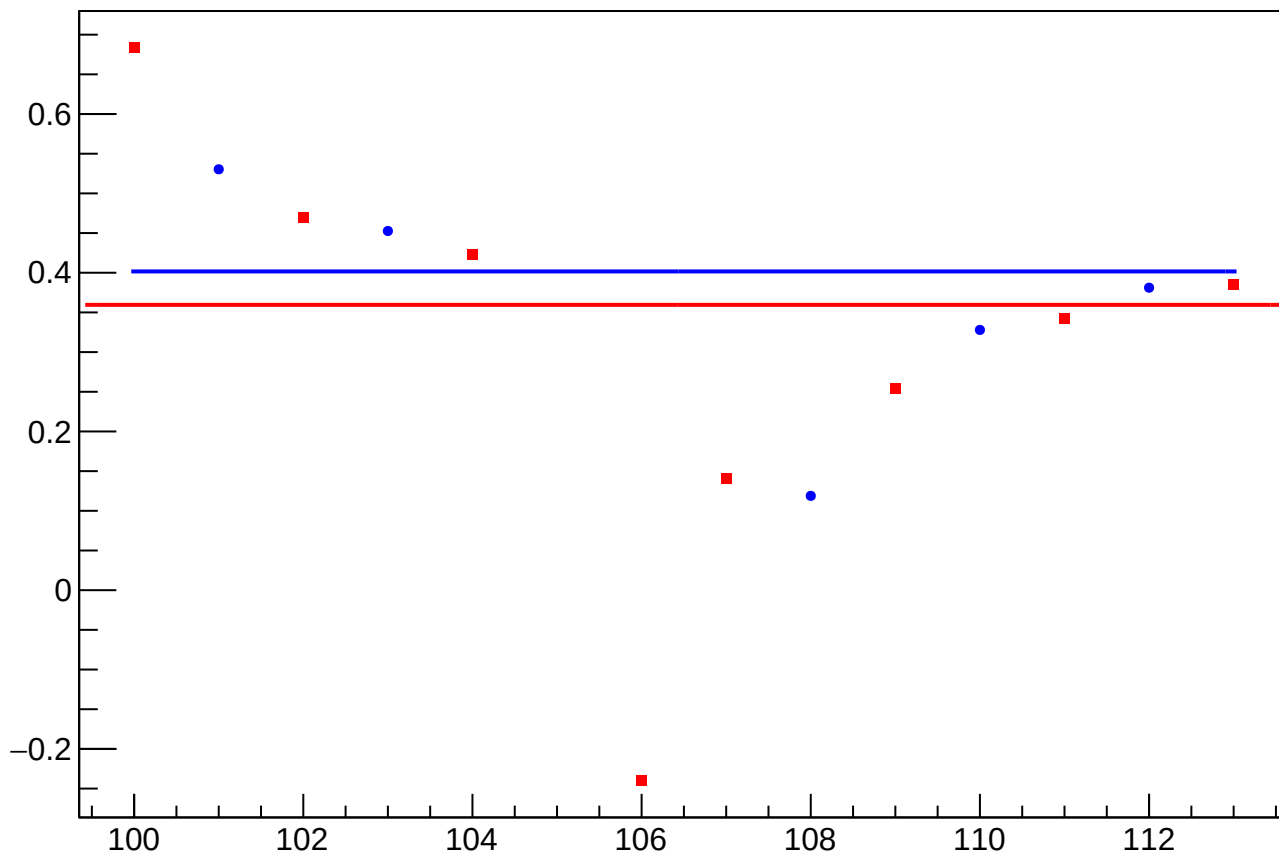
Right: 0.005+/-0.000 χ^2/NDF : 522945.6/12

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 : 522945.6/12

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.402 $\pm$ 0.000 χ^2 /NDF: 3049011193.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.360 $\pm$ 0.000 χ^2 /NDF: 4683998557.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

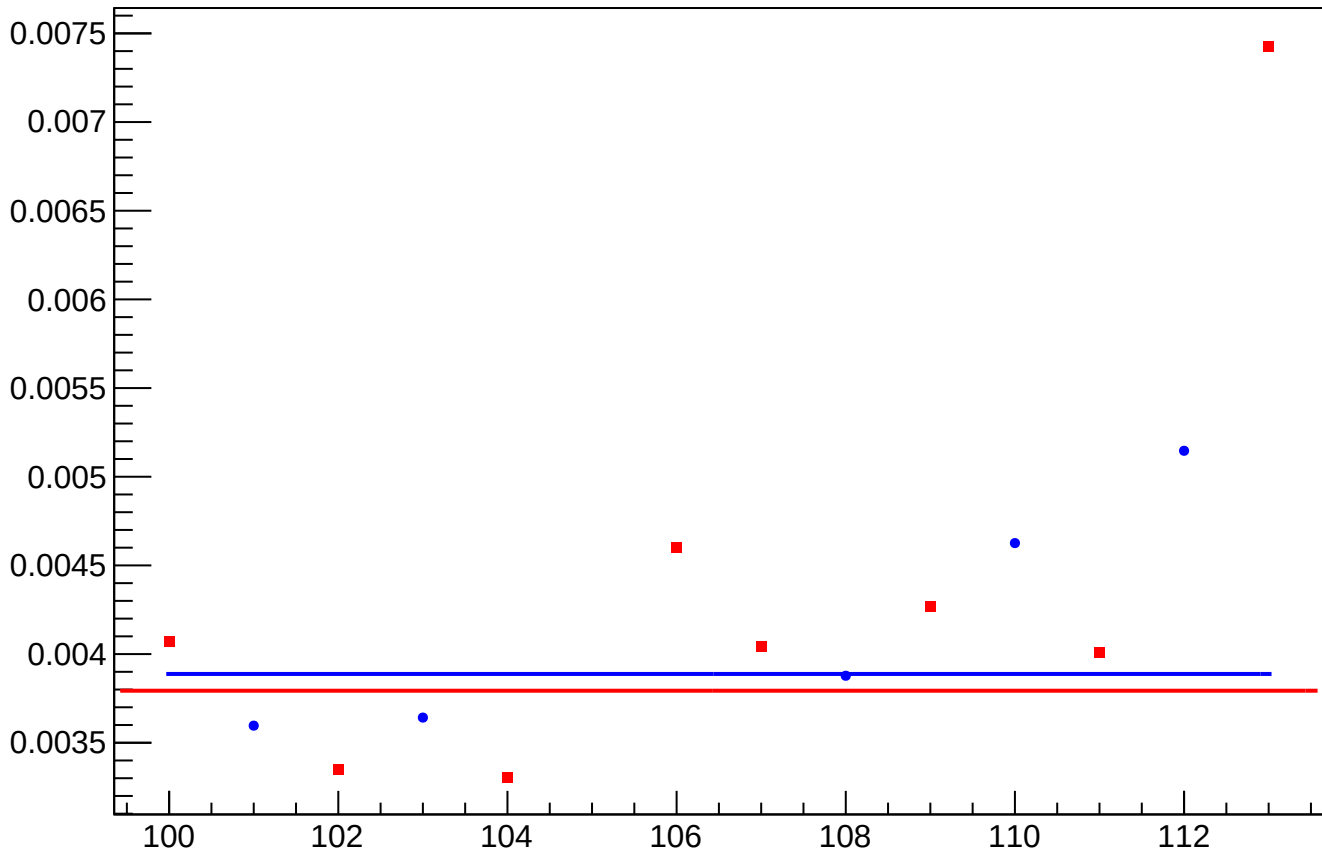
Right: 0.378 $\pm$ 0.000 χ^2 /NDF: 7875049907.2/12

In: 0.402 $\pm$ 0.000 χ^2 /NDF:3049011193.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.378 $\pm$ 0.000 χ^2 /NDF: 7875049907.2/12

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 : 200121.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

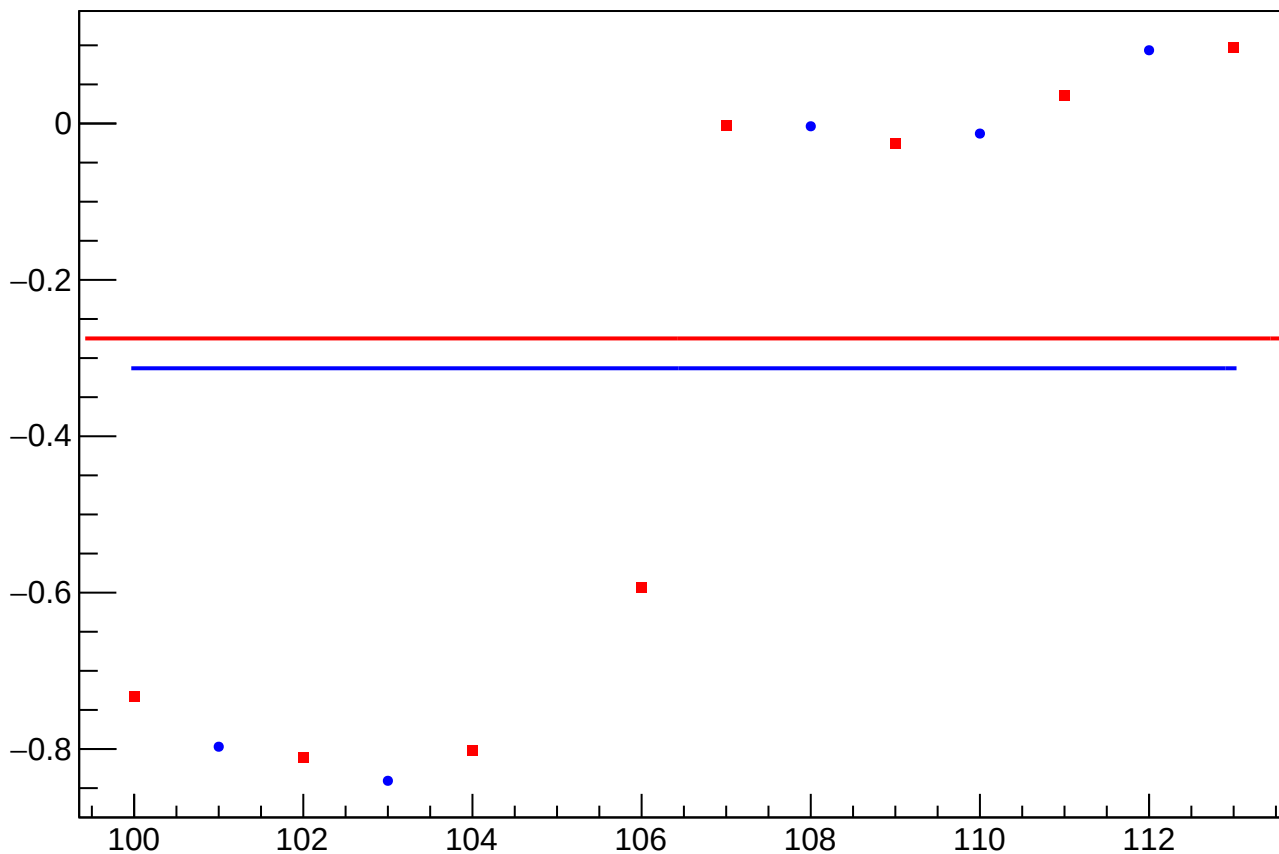
Right: 0.004+/-0.000 χ^2/NDF : 268248.8/12

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 : 268248.8/12

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: -0.275+/-0.000 χ^2/NDF : 4433436930.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

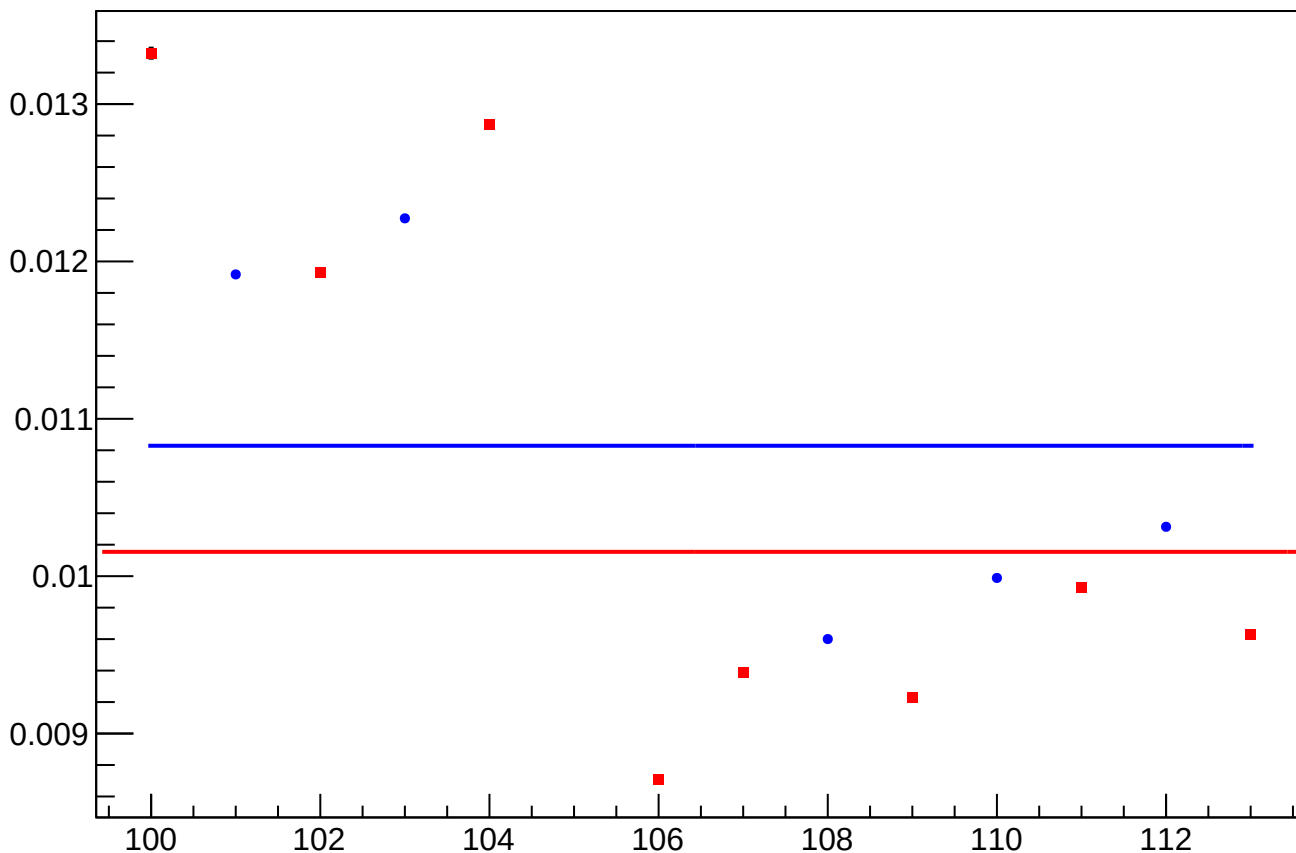
Right: -0.290+/-0.000 χ^2/NDF : 8159570826.8/12

In: -0.313+/-0.000 χ^2/NDF : 3707747015.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.290+/-0.000 χ^2/NDF : 8159570826.8/12

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 : 118006.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

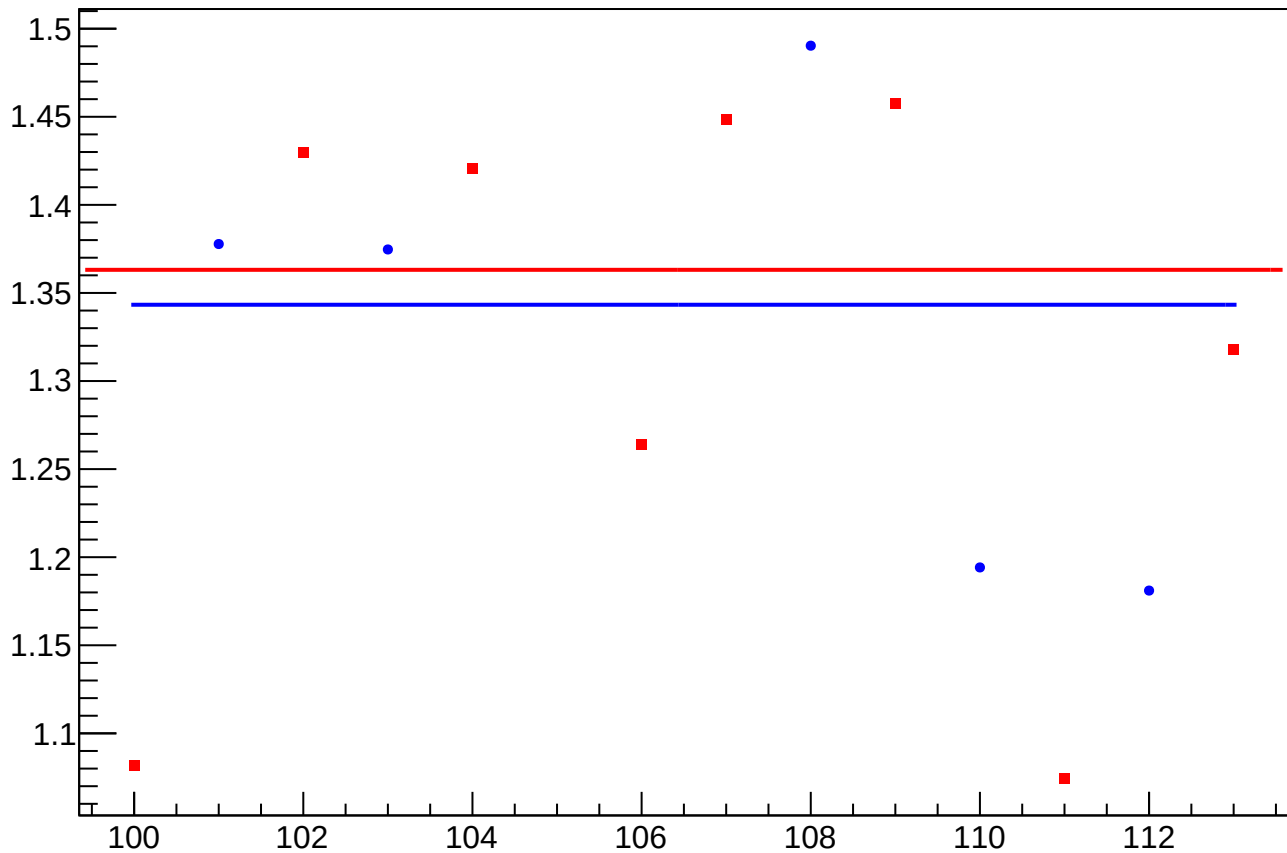
Right: 0.010+/-0.000 χ^2/NDF : 177727.7/12

In: 0.011+/-0.000 χ^2/NDF : 48245.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 177727.7/12

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: 1.363+/-0.000 χ^2/NDF : 1019173190.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

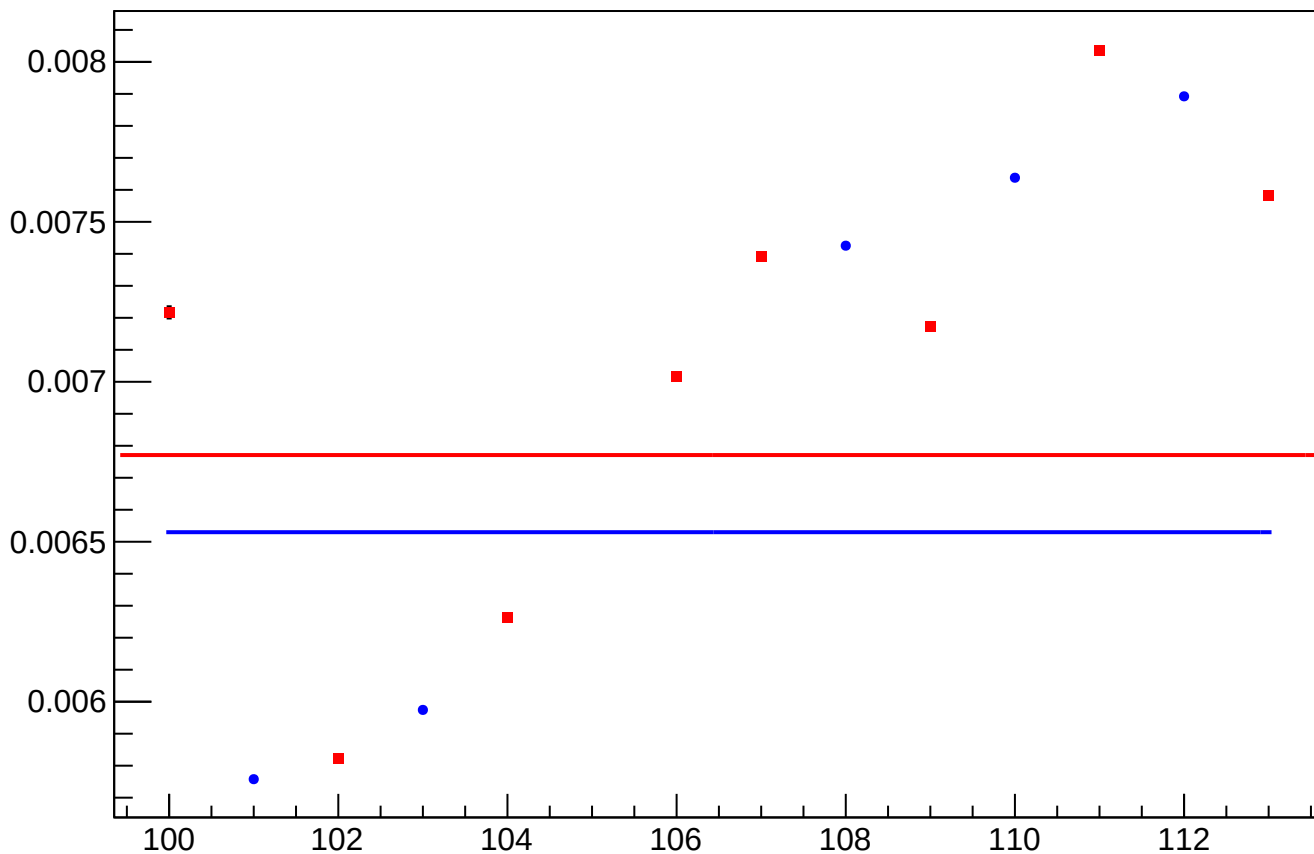
Right: 1.354+/-0.000 χ^2/NDF : 1577805106.1/12

In: 1.343+/-0.000 χ^2/NDF : 546185965.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.354+/-0.000 χ^2/NDF : 1577805106.1/12

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 : 81852.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

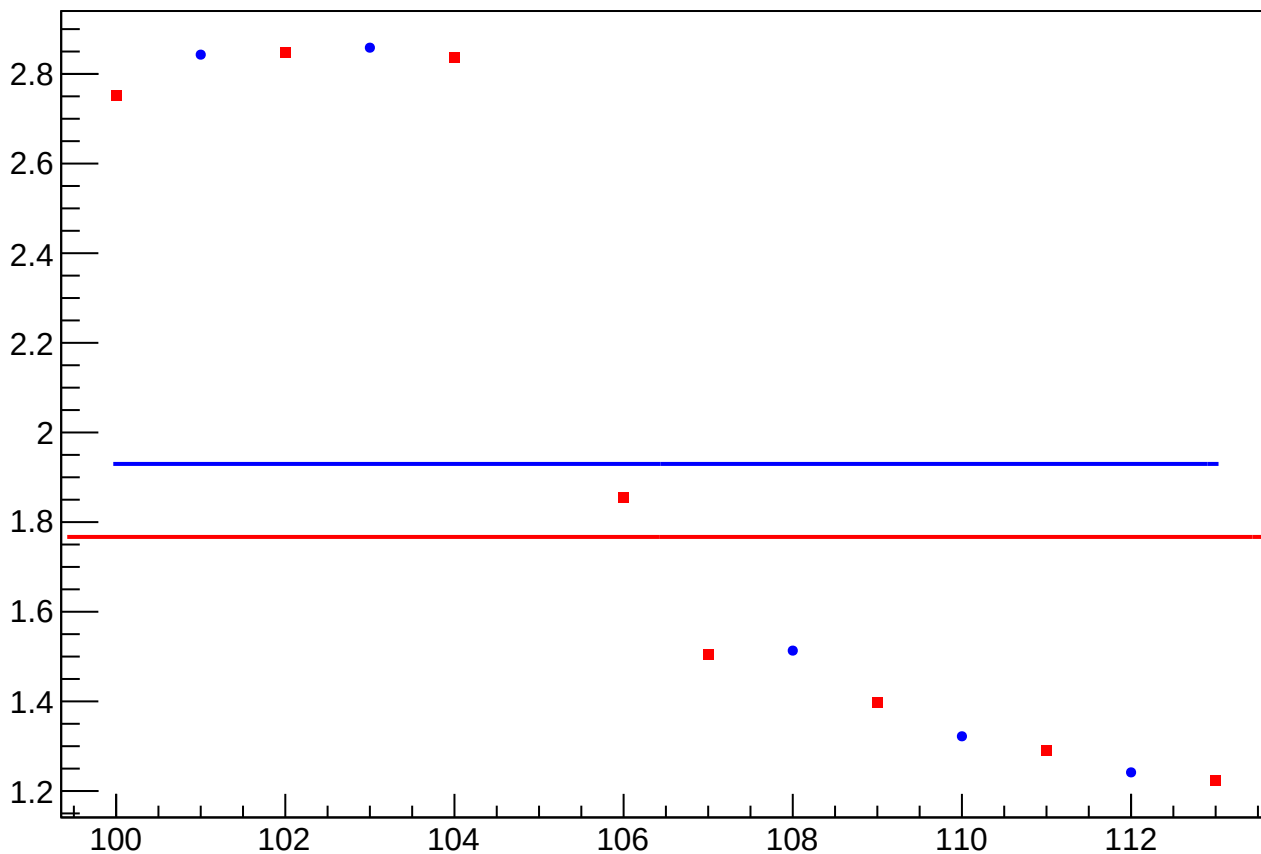
Right: 0.007+/-0.000 χ^2/NDF : 175846.5/12

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 : 175846.5/12

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: 1.767+/-0.000 χ^2/NDF : 29306371897.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

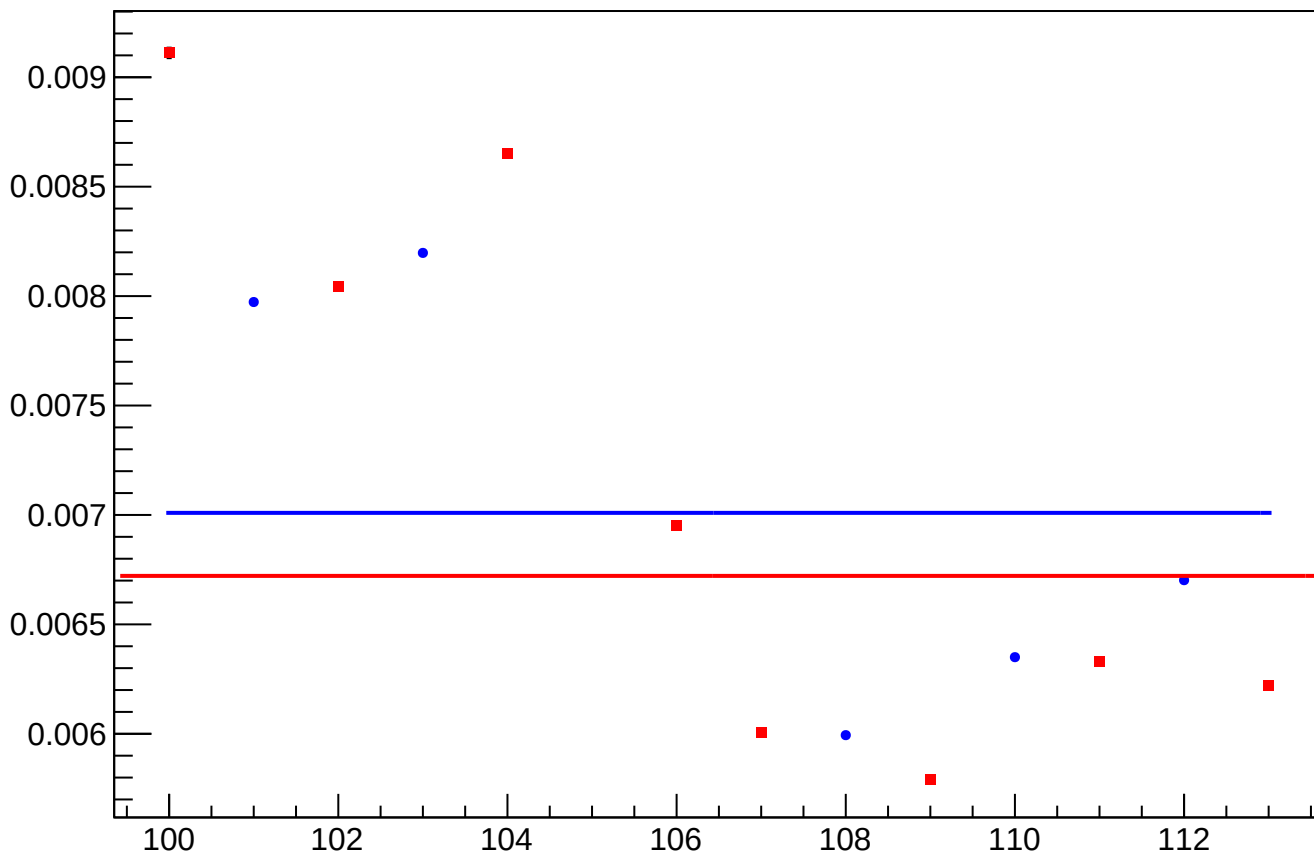
Right: 1.835+/-0.000 χ^2/NDF : 56932533691.1/12

In: 1.930+/-0.000 χ^2/NDF : 26846837235.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.835+/-0.000 χ^2/NDF : 56932533691.1/12

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 : 141292.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

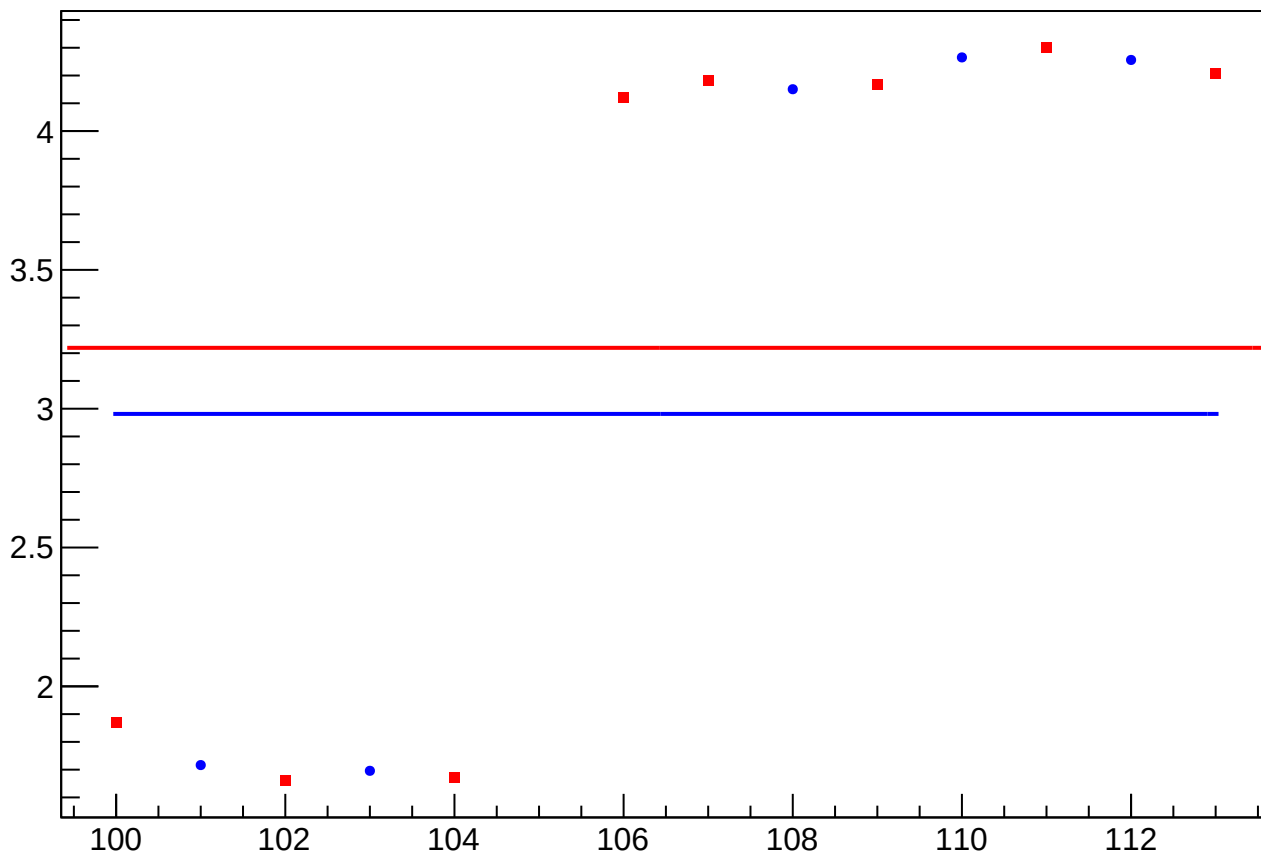
Right: 0.007+/-0.000 χ^2/NDF : 223239.3/12

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 : 223239.3/12

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

Right: 3.113+/-0.000

χ^2/NDF : 322420390906.5/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 2.981+/-0.000

χ^2/NDF : 144889664644.1/4

Right Out: 3.219+/-0.000

χ^2/NDF : 174653403669.9/7

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

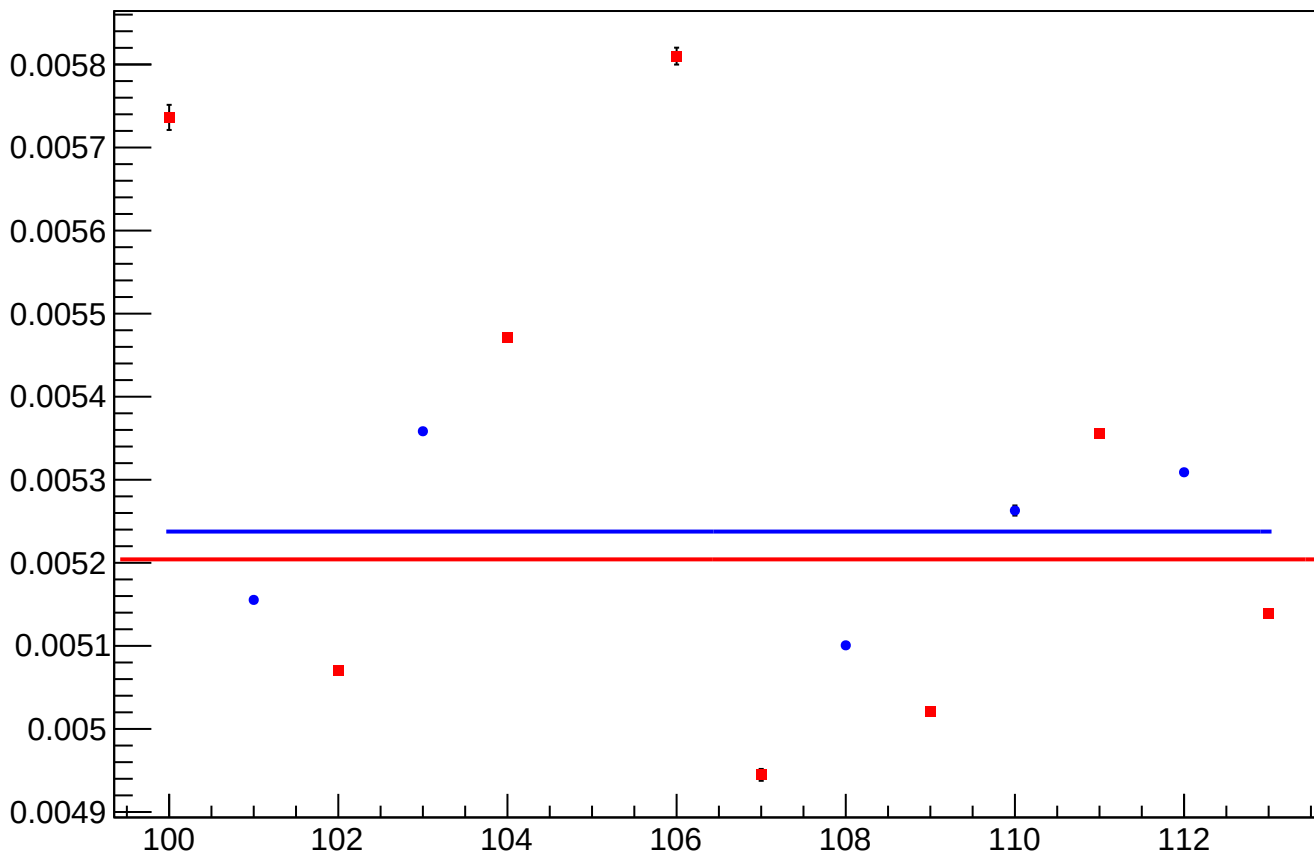
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 3.113+/-0.000

χ^2/NDF : 322420390906.5

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 : 11788.3/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

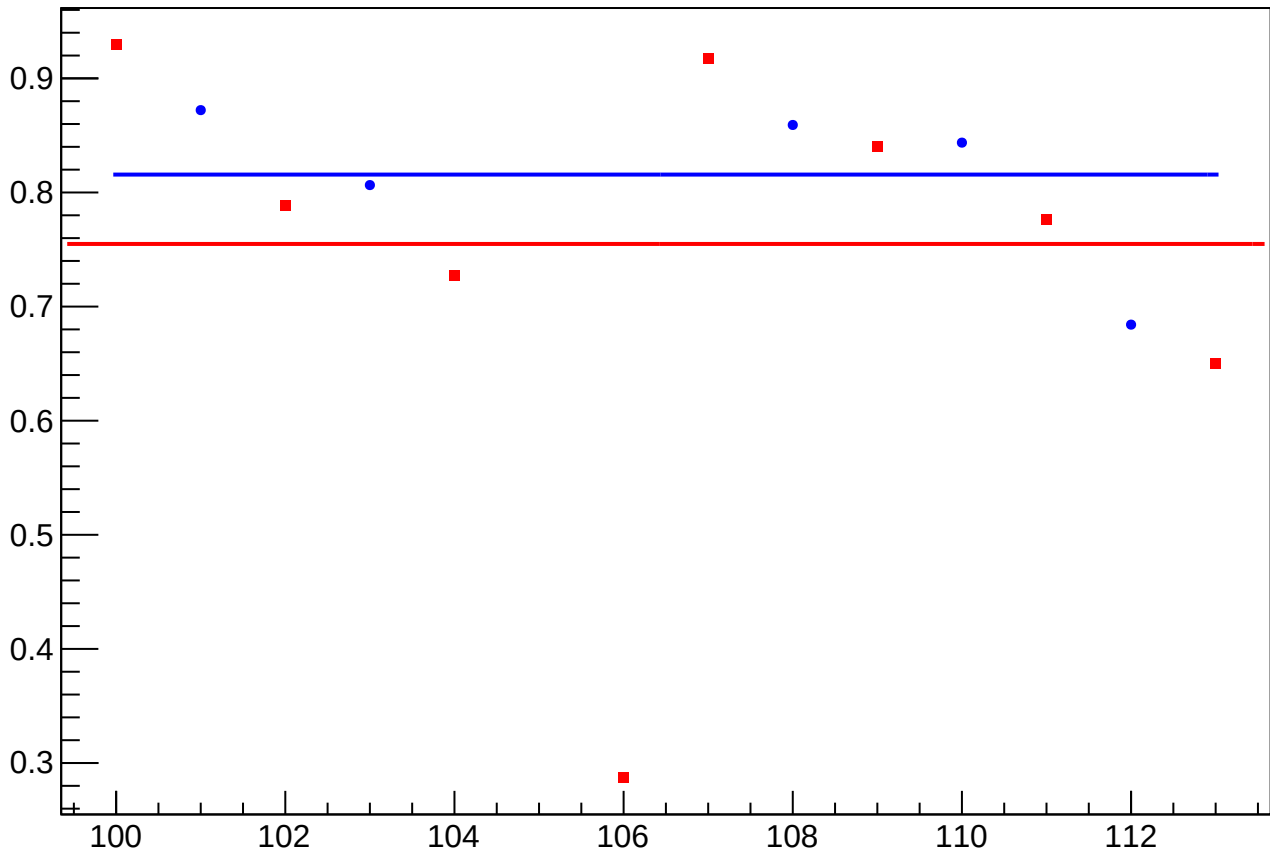
Right: 0.005+/-0.000 χ^2/NDF : 13600.7/12

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 : 13600.7/12

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: 0.755+/-0.000 χ^2/NDF : 252642804.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

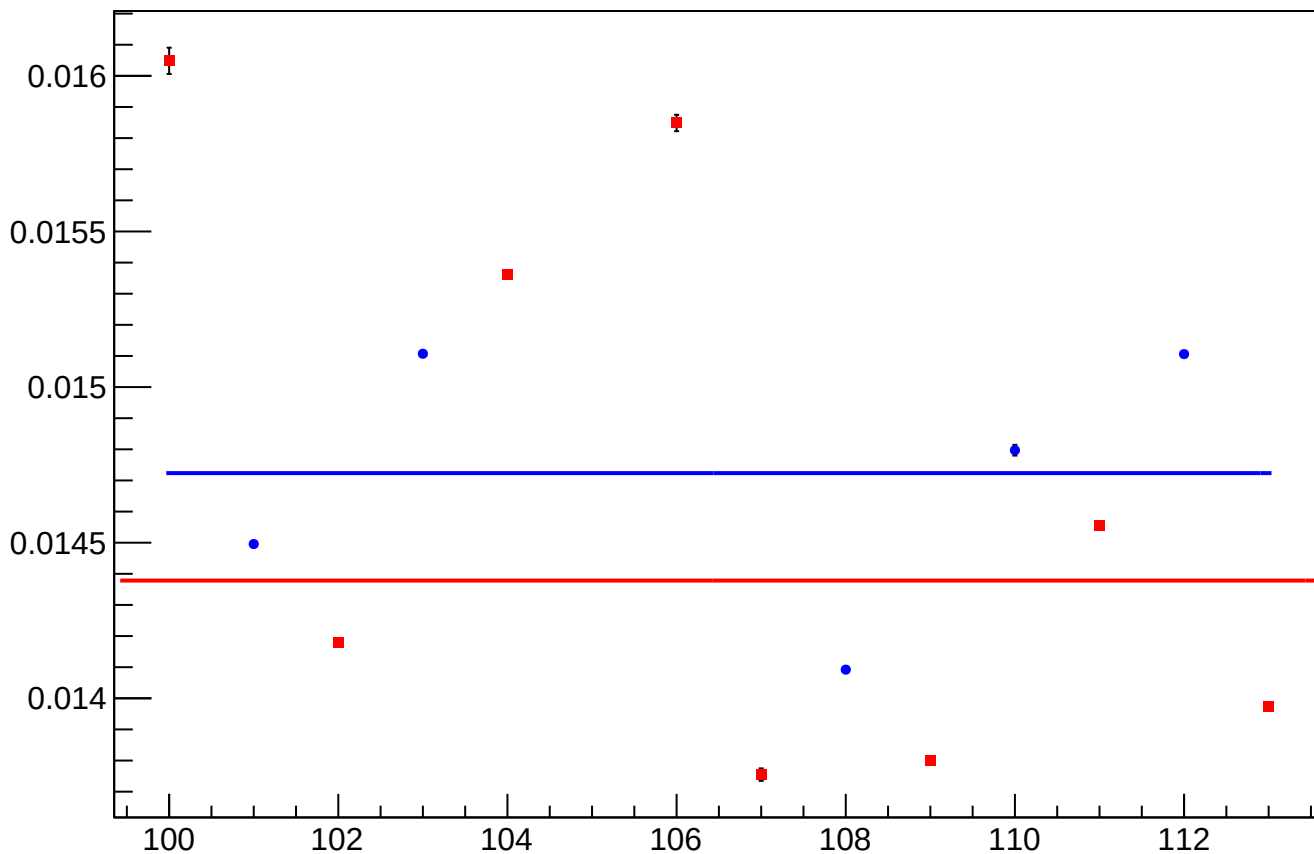
Right: 0.781+/-0.000 χ^2/NDF : 329440378.8/12

In: 0.816+/-0.000 χ^2/NDF : 52667932.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.781+/-0.000 χ^2/NDF : 329440378.8/12

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 : 12950.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

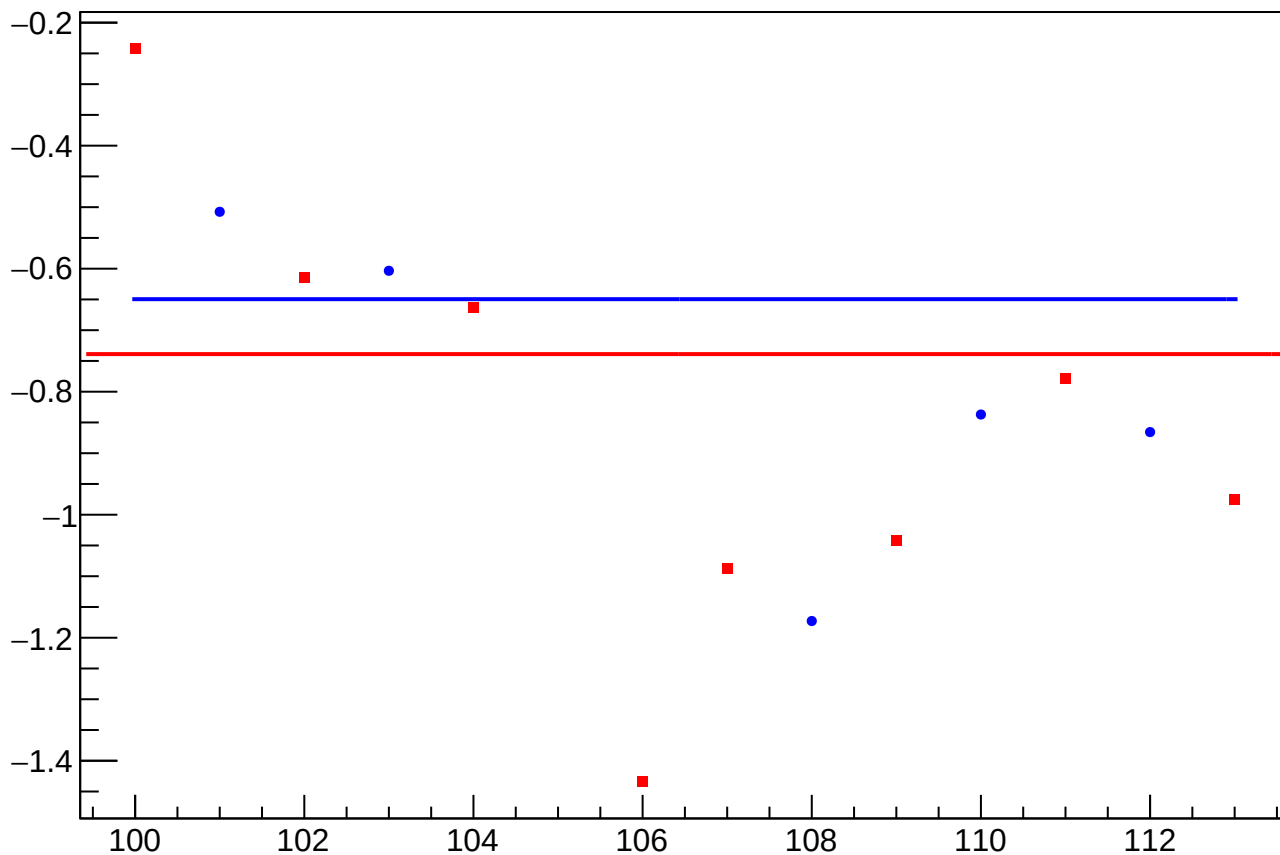
Right: 0.015+/-0.000 χ^2/NDF : 17814.2/12

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 : 17814.2/12

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: -0.739+/-0.000 χ^2/NDF : 5161525136.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

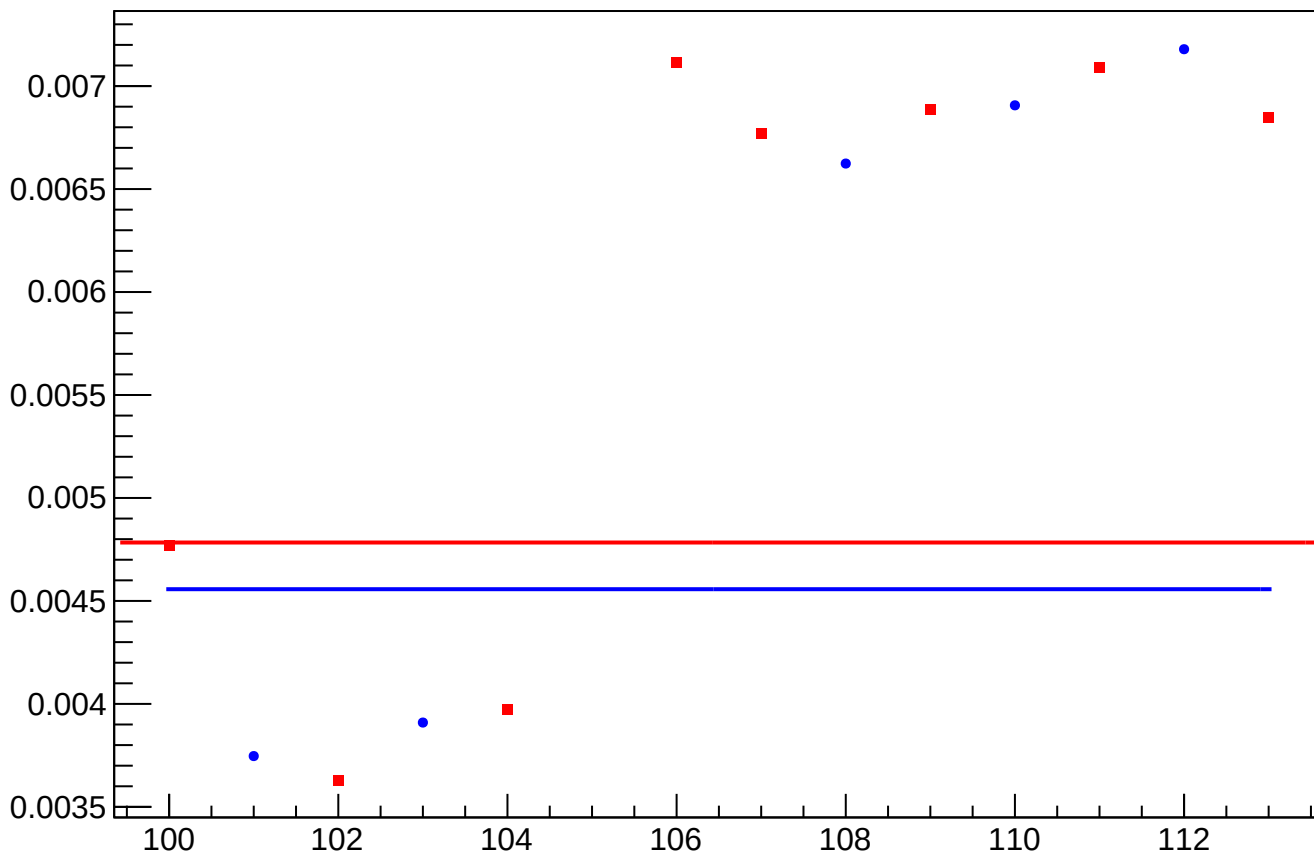
Right: -0.697+/-0.000 χ^2/NDF : 9490206505.1/12

In: -0.650+/-0.000 χ^2/NDF : 3892524299.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.697+/-0.000 χ^2/NDF : 9490206505.1/12

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 : 502750.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

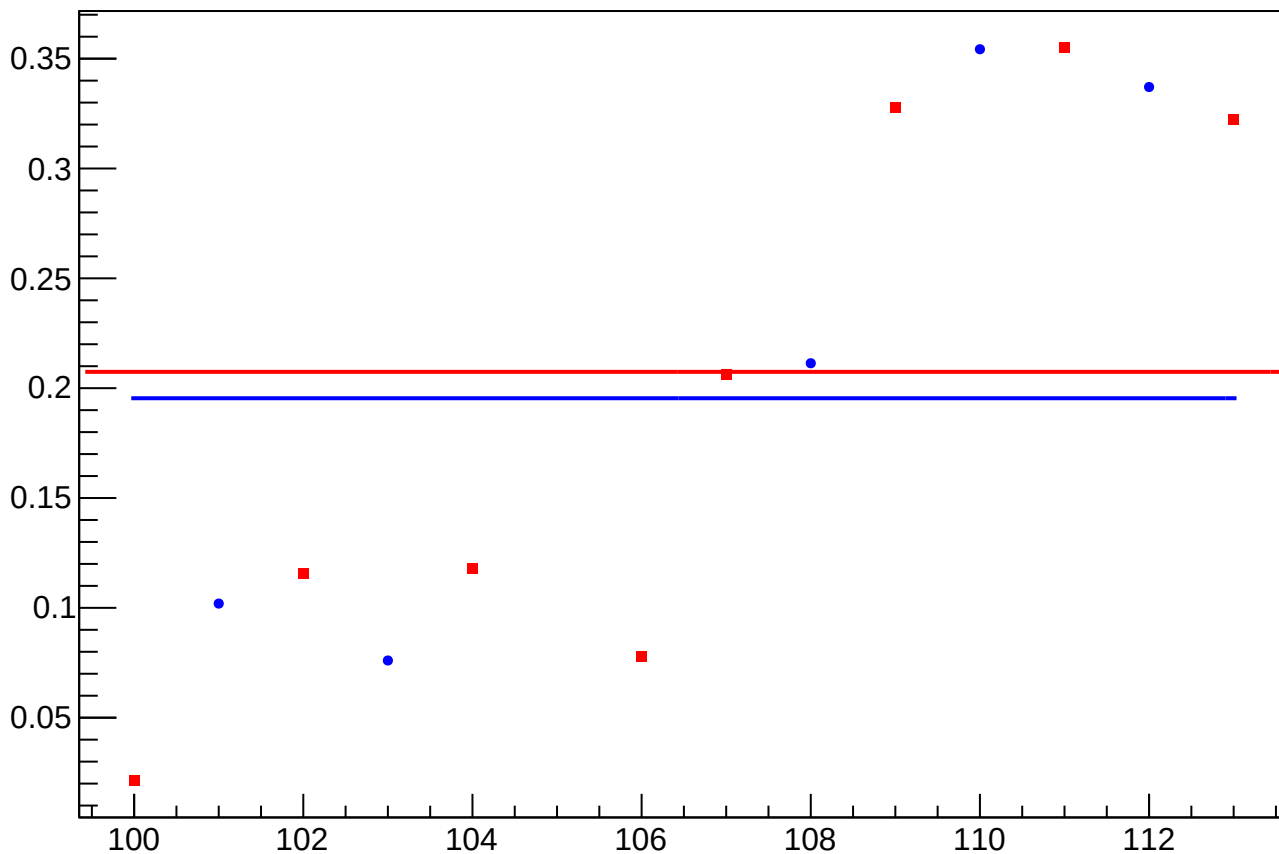
Right: 0.005+/-0.000 χ^2/NDF : 868262.7/12

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 : 868262.7/12

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: 0.203+/-0.000 χ^2/NDF : 31978579378.6/12

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: 0.207+/-0.000 χ^2/NDF : 18873851026.1/7

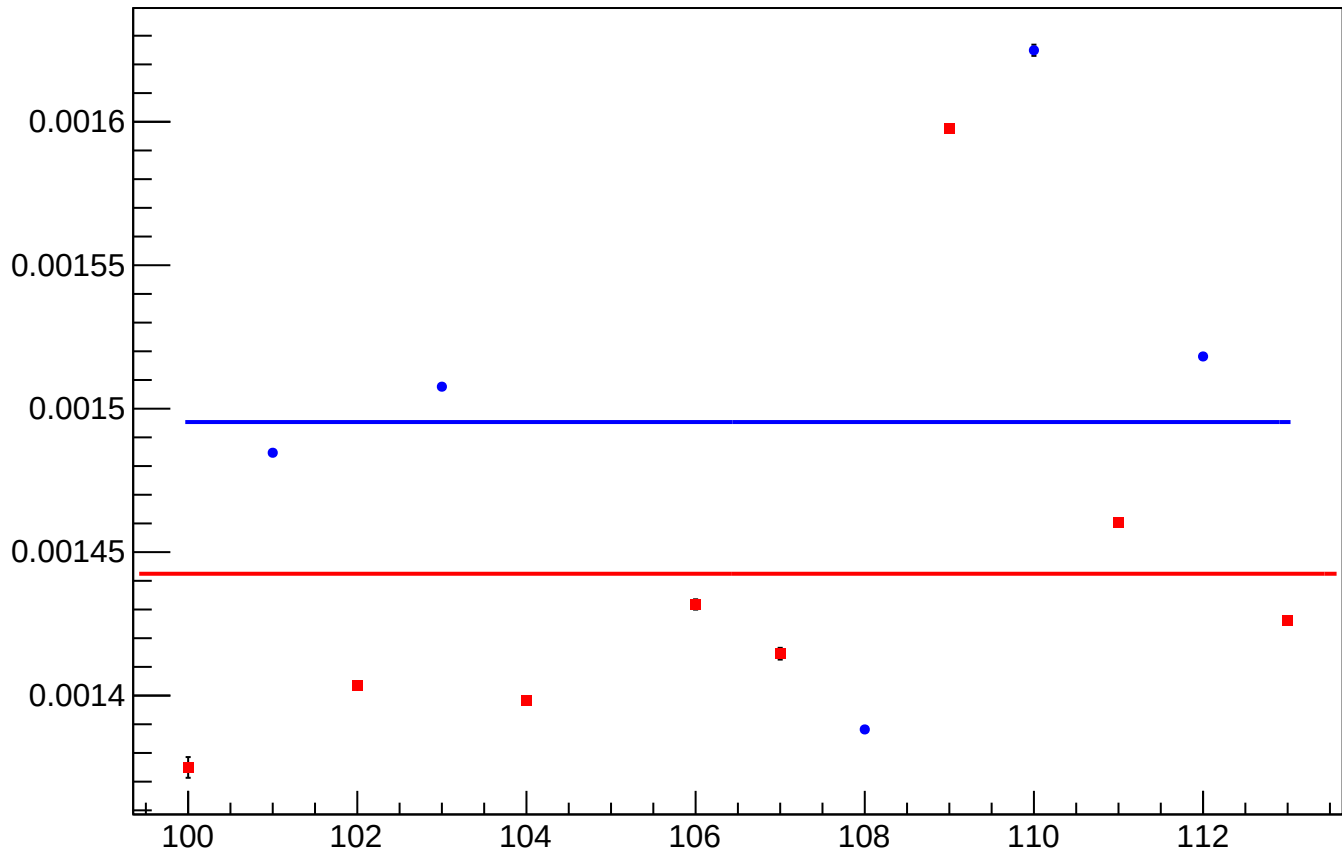
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.203+/-0.000 χ^2/NDF : 31978579378.6/12

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 : 12444.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

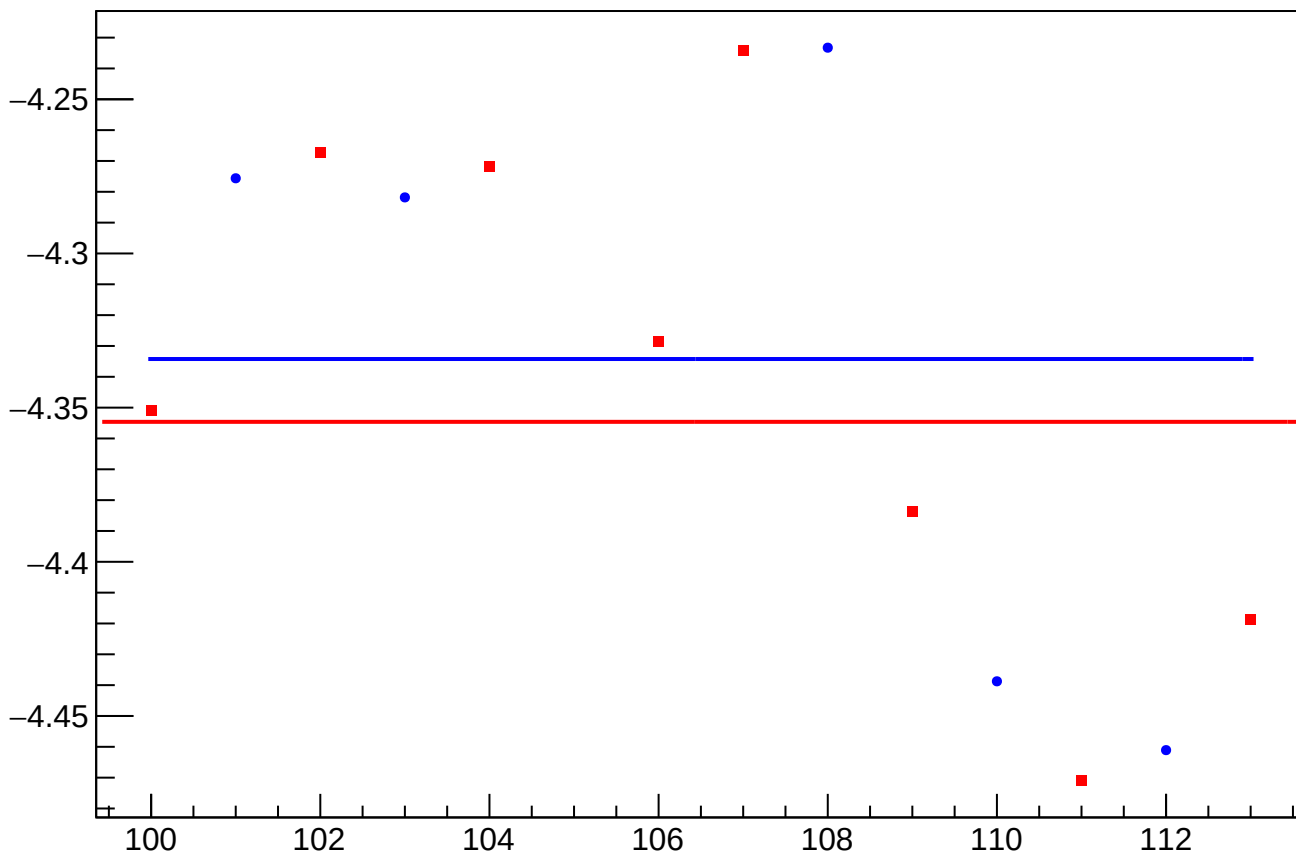
Right: 0.001+/-0.000 χ^2/NDF : 25305.7/12

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 : 25305.7/12

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: -4.355+/-0.000 χ^2/NDF : 7662539858.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

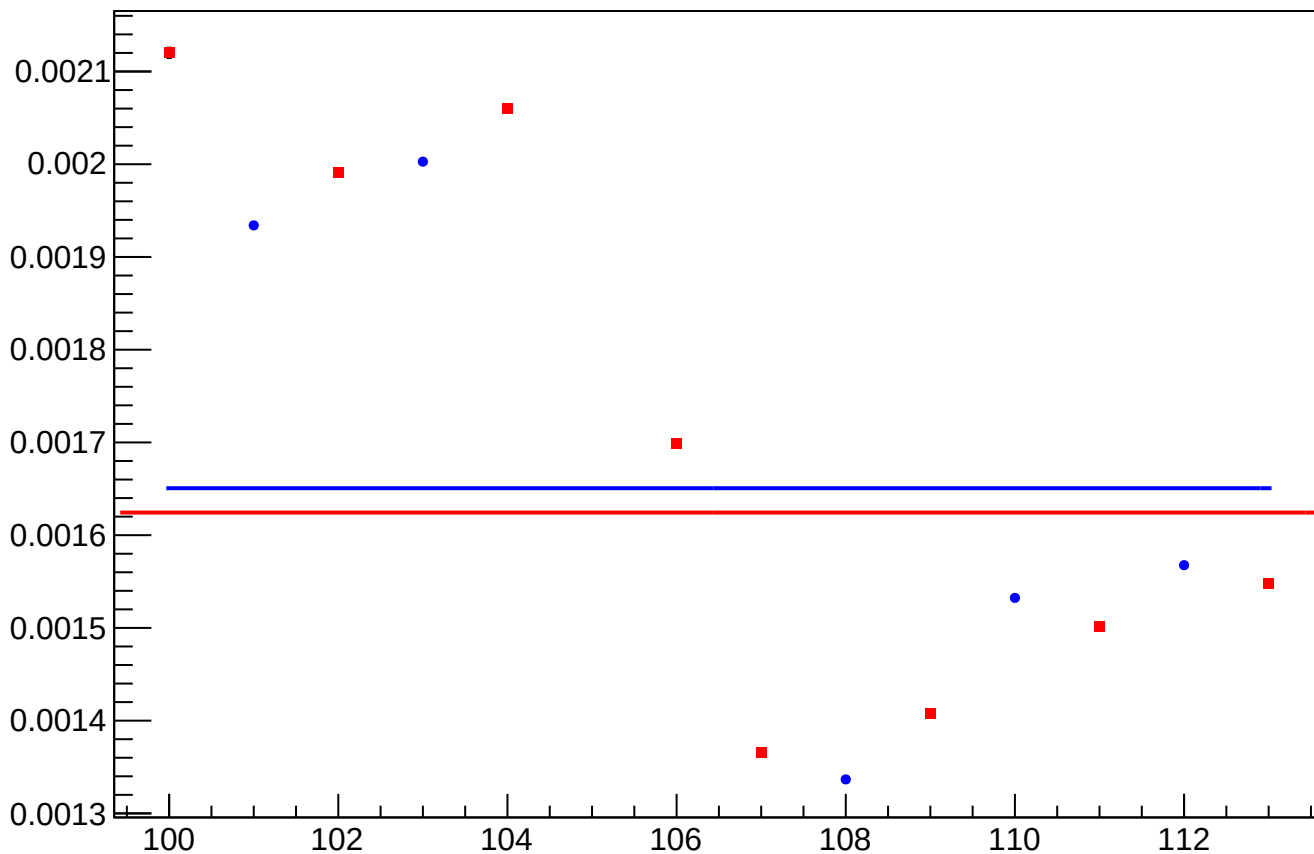
Right: -4.346+/-0.000 χ^2/NDF : 15837450898.2/12

In: -4.334+/-0.000 χ^2/NDF : 7964915662.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.346+/-0.000 χ^2/NDF : 15837450898.2/12

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 : 149200.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

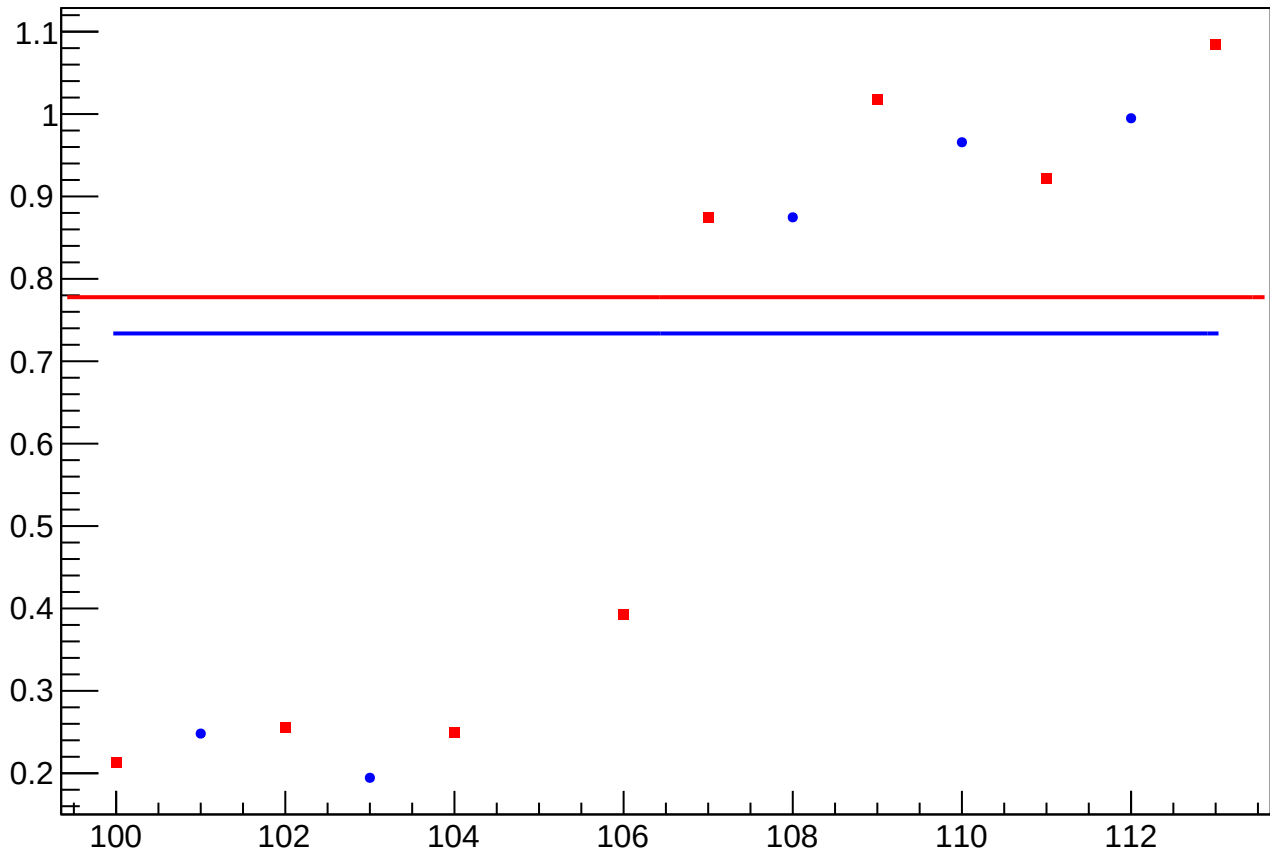
Right: 0.002+/-0.000 χ^2/NDF : 264887.1/12

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 : 264887.1/12

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: 0.778+/-0.000 χ^2/NDF : 9266392151.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

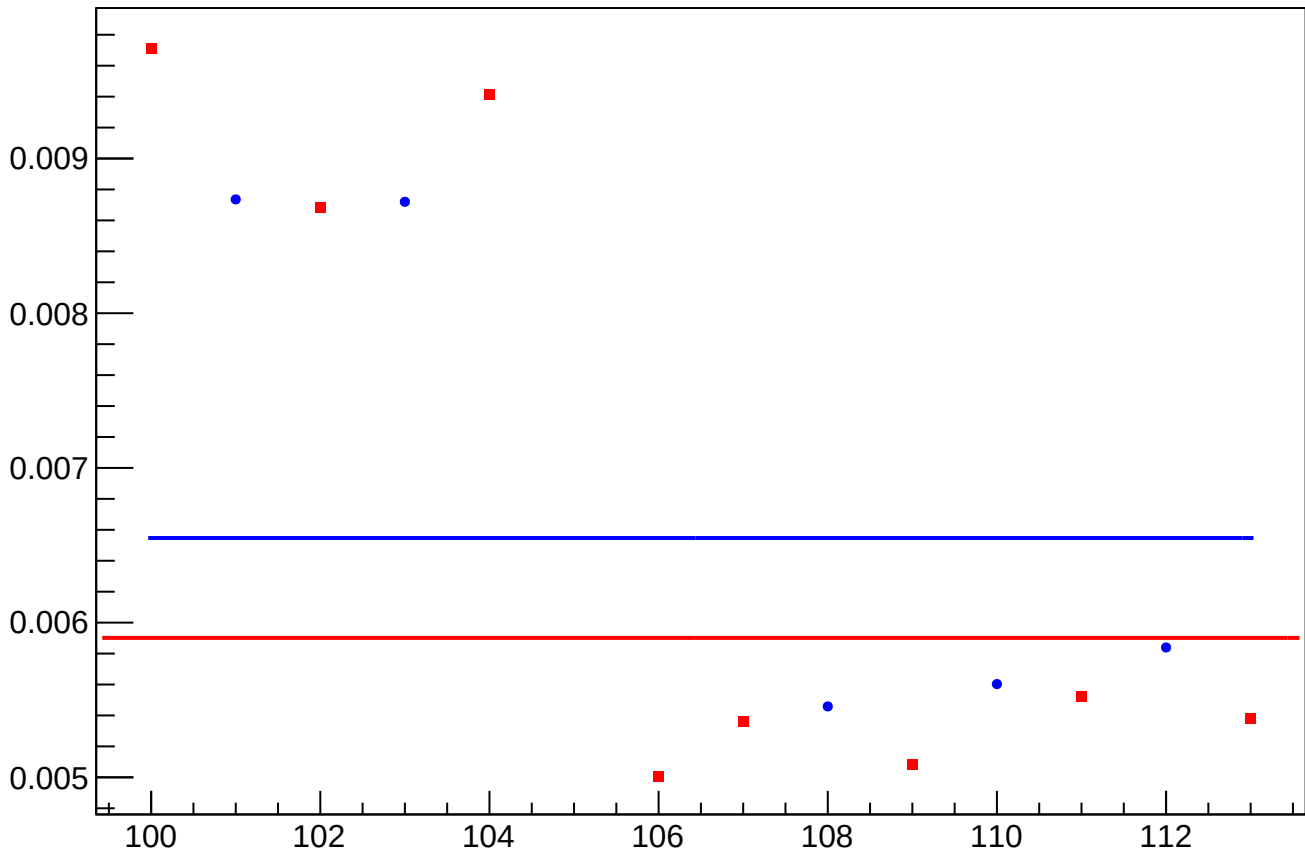
Right: 0.761+/-0.000 χ^2/NDF : 15516995016.8/12

In: 0.734+/-0.000 χ^2/NDF : 6184218840.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.761+/-0.000 χ^2/NDF : 15516995016.8/12

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 : 366565.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

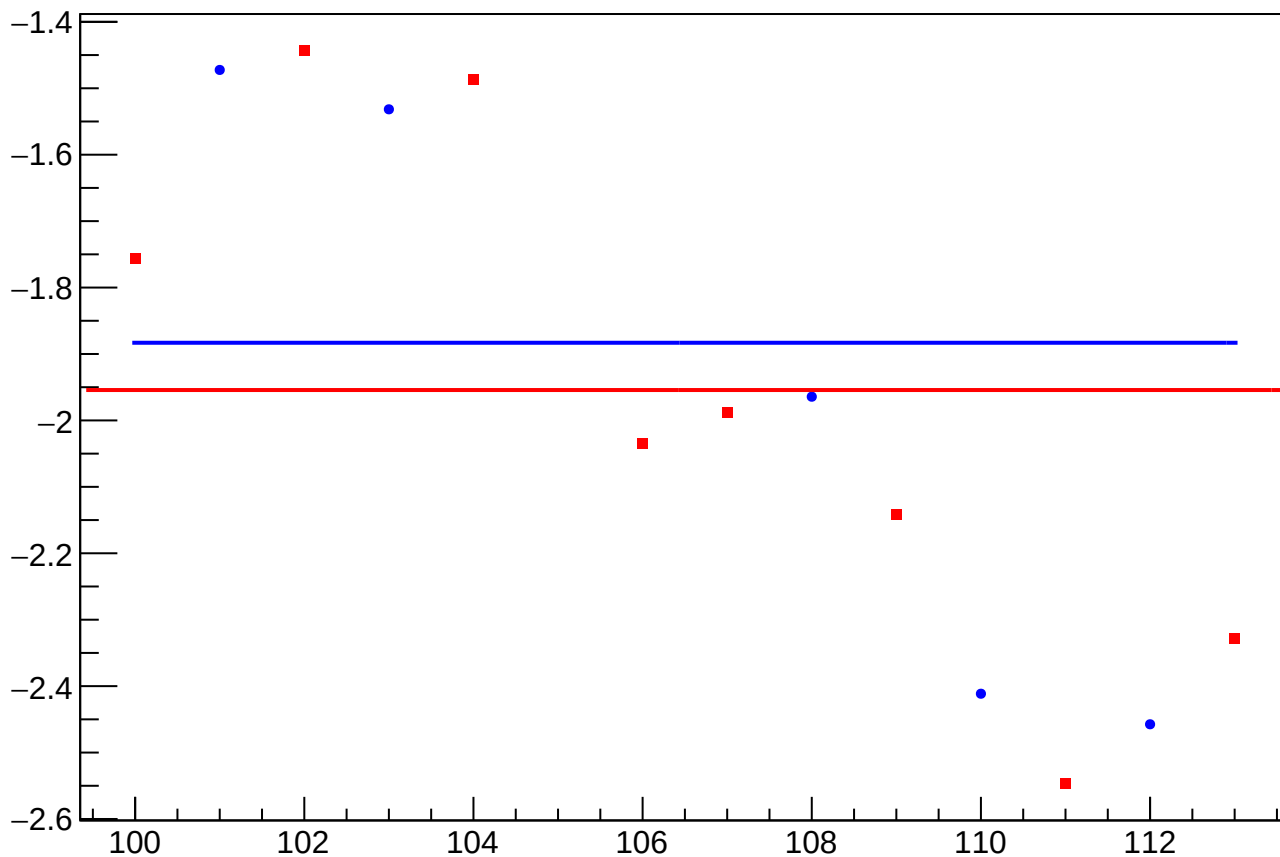
Right: 0.006+/-0.000 χ^2/NDF : 618186.5/12

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 : 618186.5/12

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: -1.954+/-0.000 χ^2/NDF : 15598566535.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

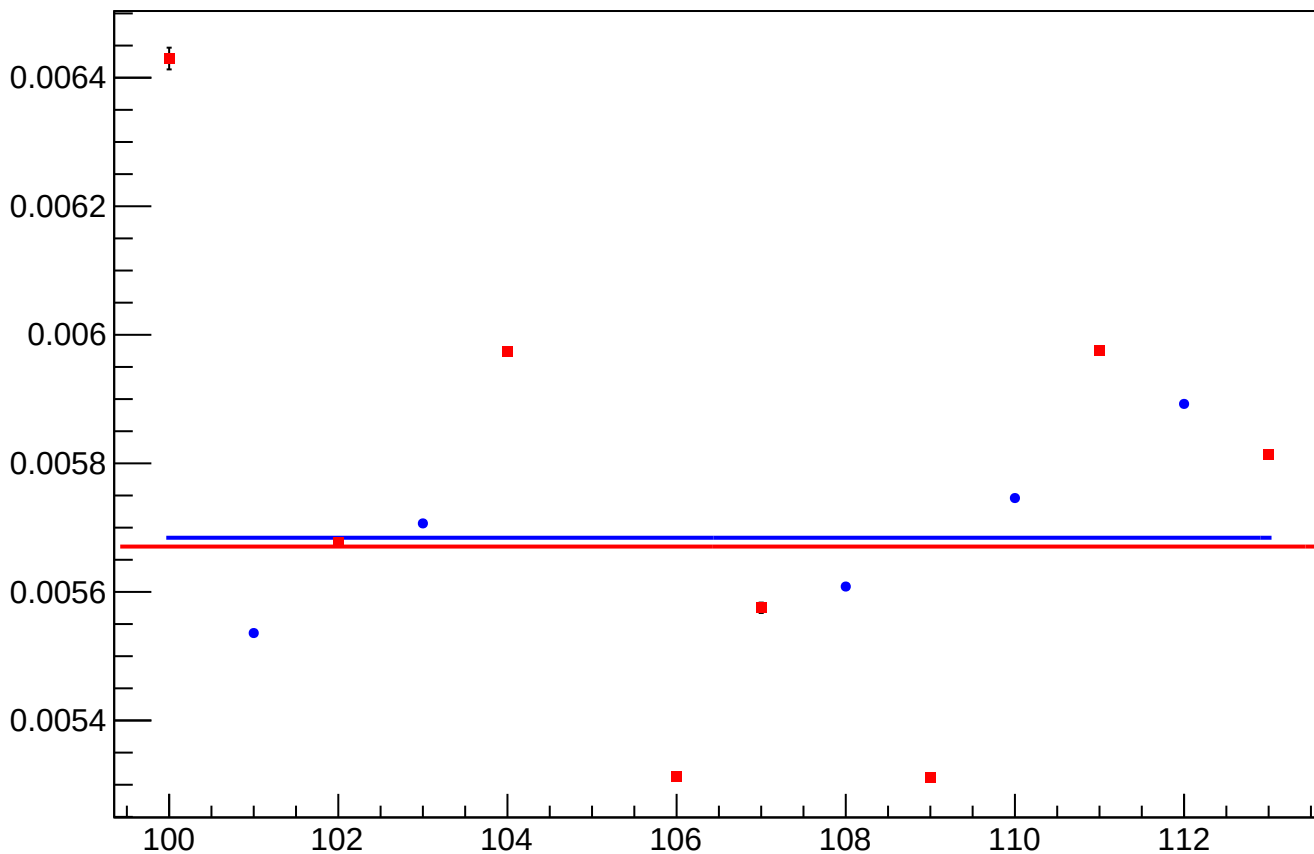
Right: -1.923+/-0.000 χ^2/NDF : 29673609588.4/12

In: -1.883+/-0.000 χ^2/NDF : 13851975659.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.923+/-0.000 χ^2/NDF : 29673609588.4/12

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 : 15576.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

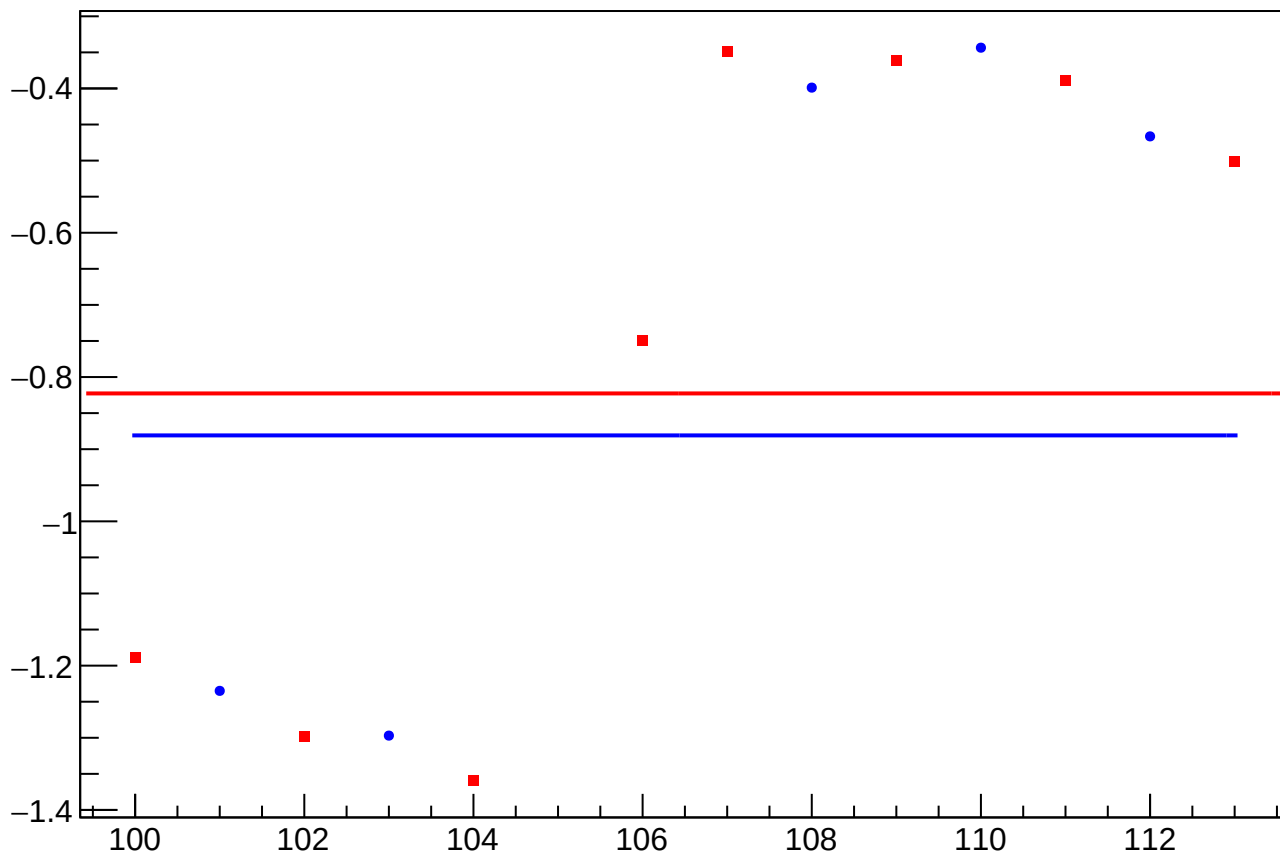
Right: 0.006+/-0.000 χ^2/NDF : 18021.6/12

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 : 18021.6/12

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: -0.823+/-0.000 χ^2/NDF : 5575656274.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

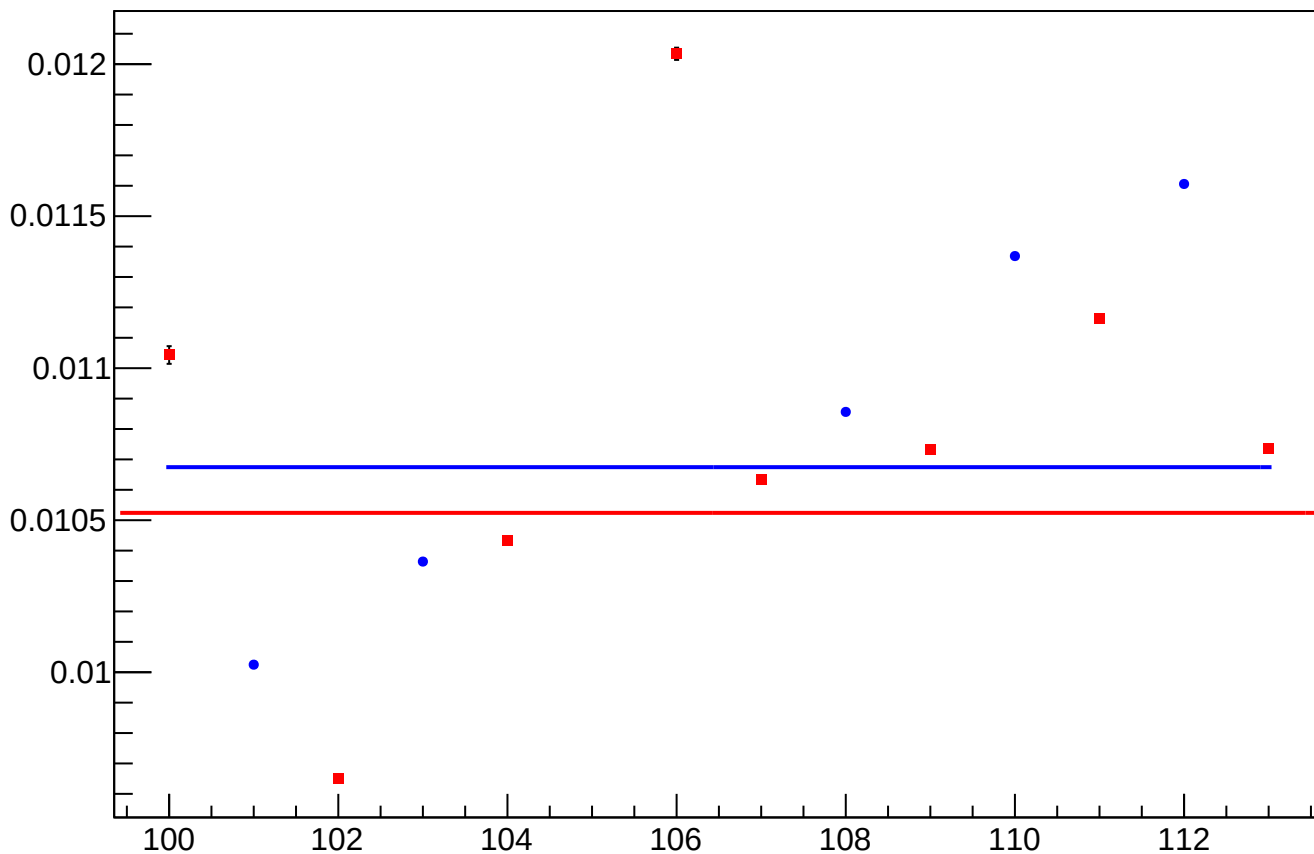
Right: -0.848+/-0.000 χ^2/NDF : 9580771356.4/12

In: -0.881+/-0.000 χ^2/NDF :3963806741.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.848+/-0.000 χ^2/NDF : 9580771356.4/1

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: 0.011+/-0.000 χ^2/NDF : 20364.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

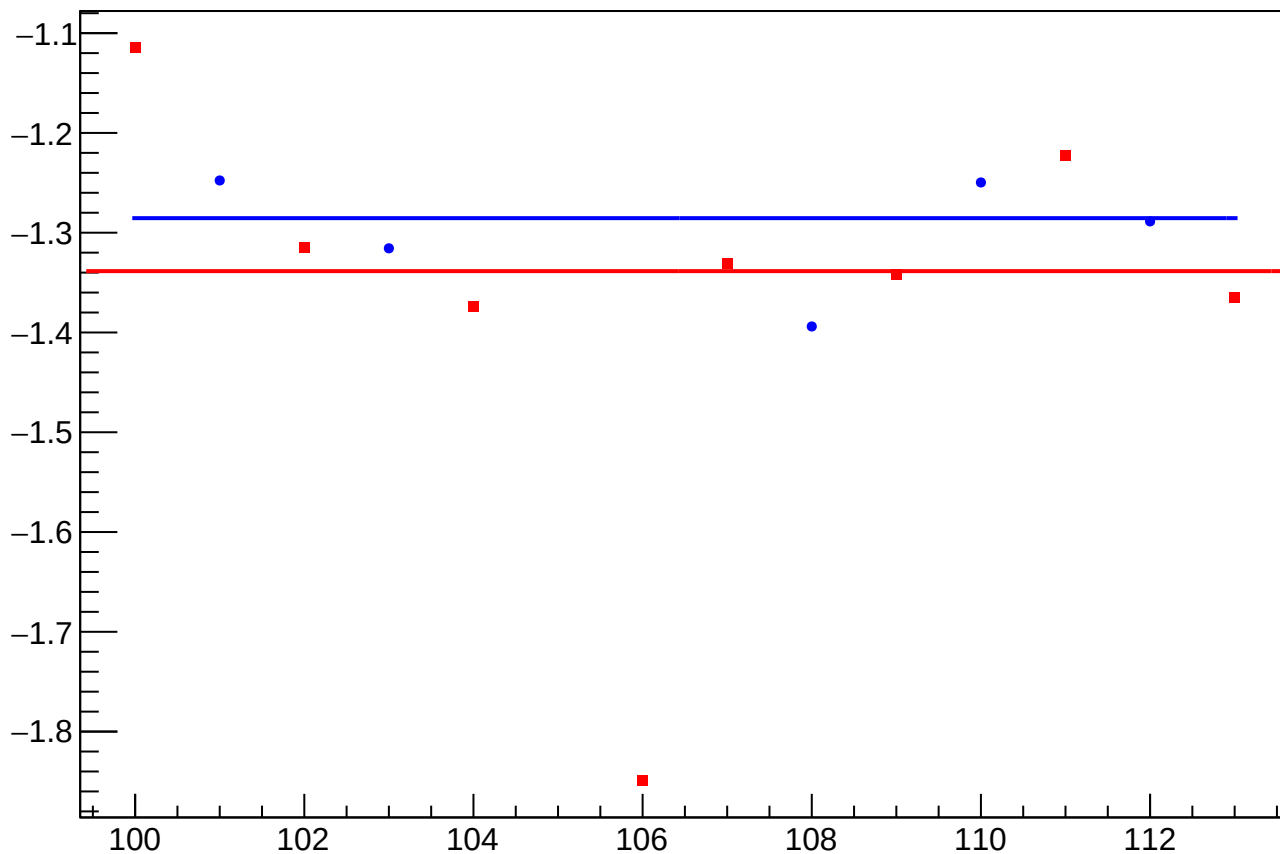
Right: 0.011+/-0.000 χ^2/NDF : 36697.3/12

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 : 36697.3/12

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: -1.339+/-0.000 χ^2/NDF : 5538913820.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

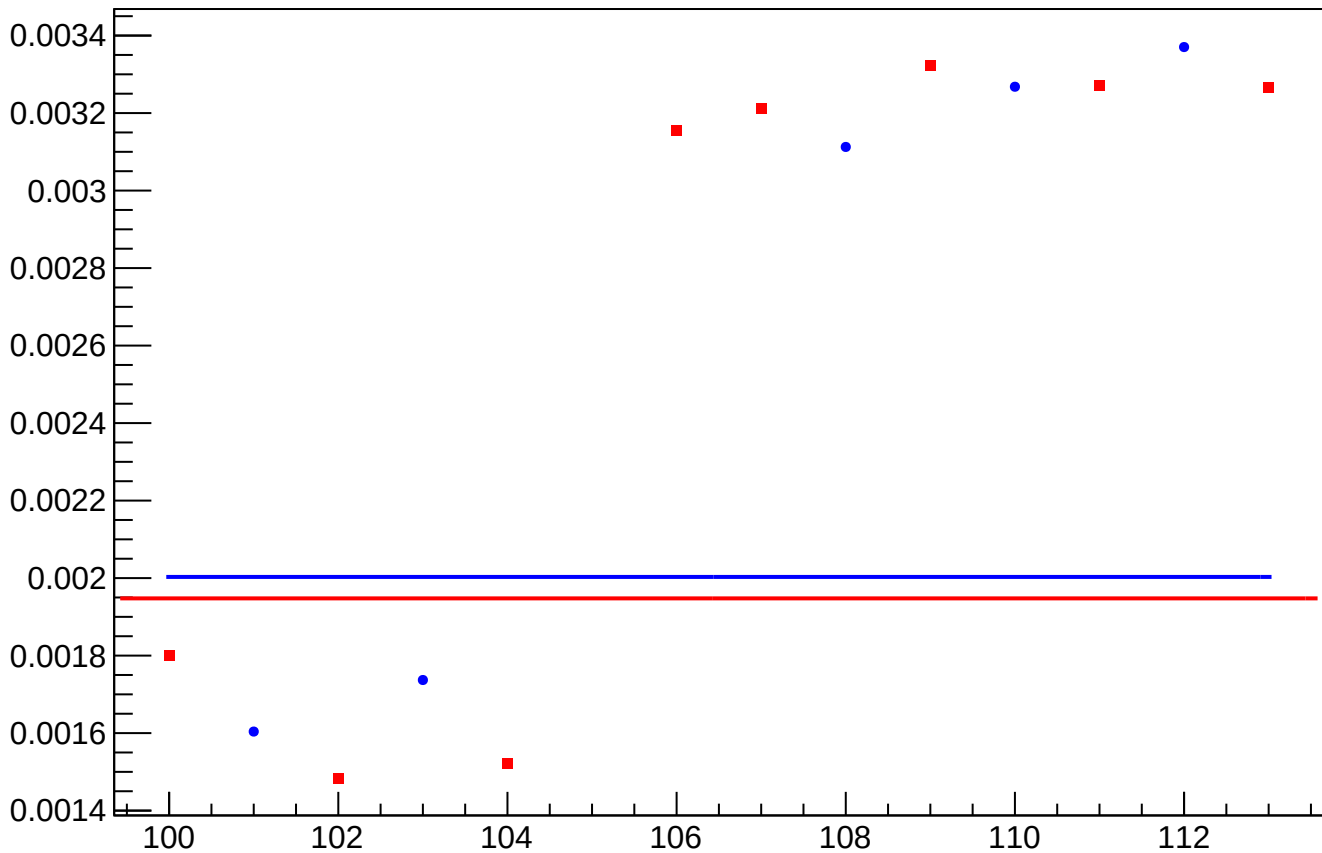
Right: -1.315+/-0.000 χ^2/NDF : 7281918959.6/12

In: -1.285+/-0.000 χ^2/NDF :948716397.0/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.315+/-0.000 χ^2/NDF : 7281918959.6/1

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 : 744300.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

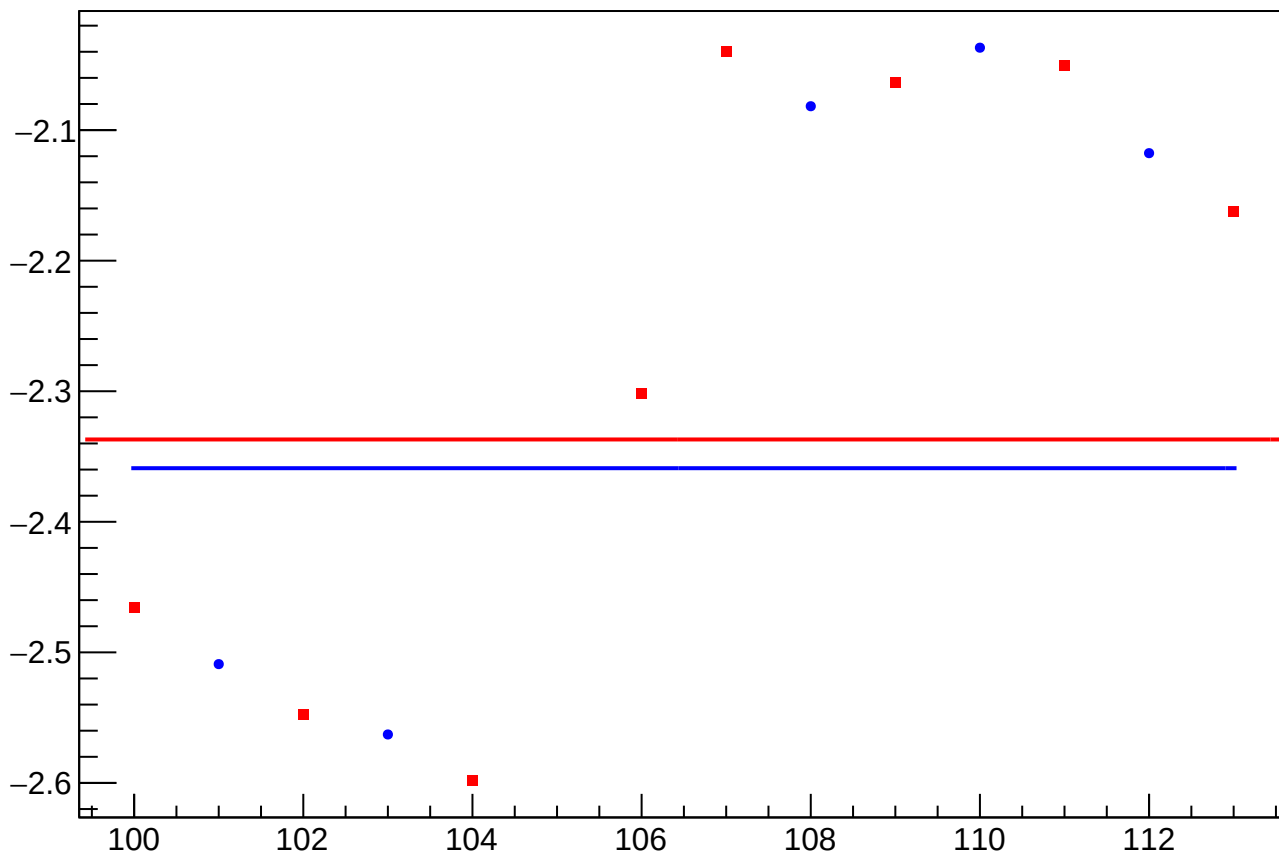
Right: 0.002+/-0.000 χ^2/NDF : 1178131.1/12

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 : 1178131.1/12

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: -2.337+/-0.000 χ^2/NDF : 4428820224.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

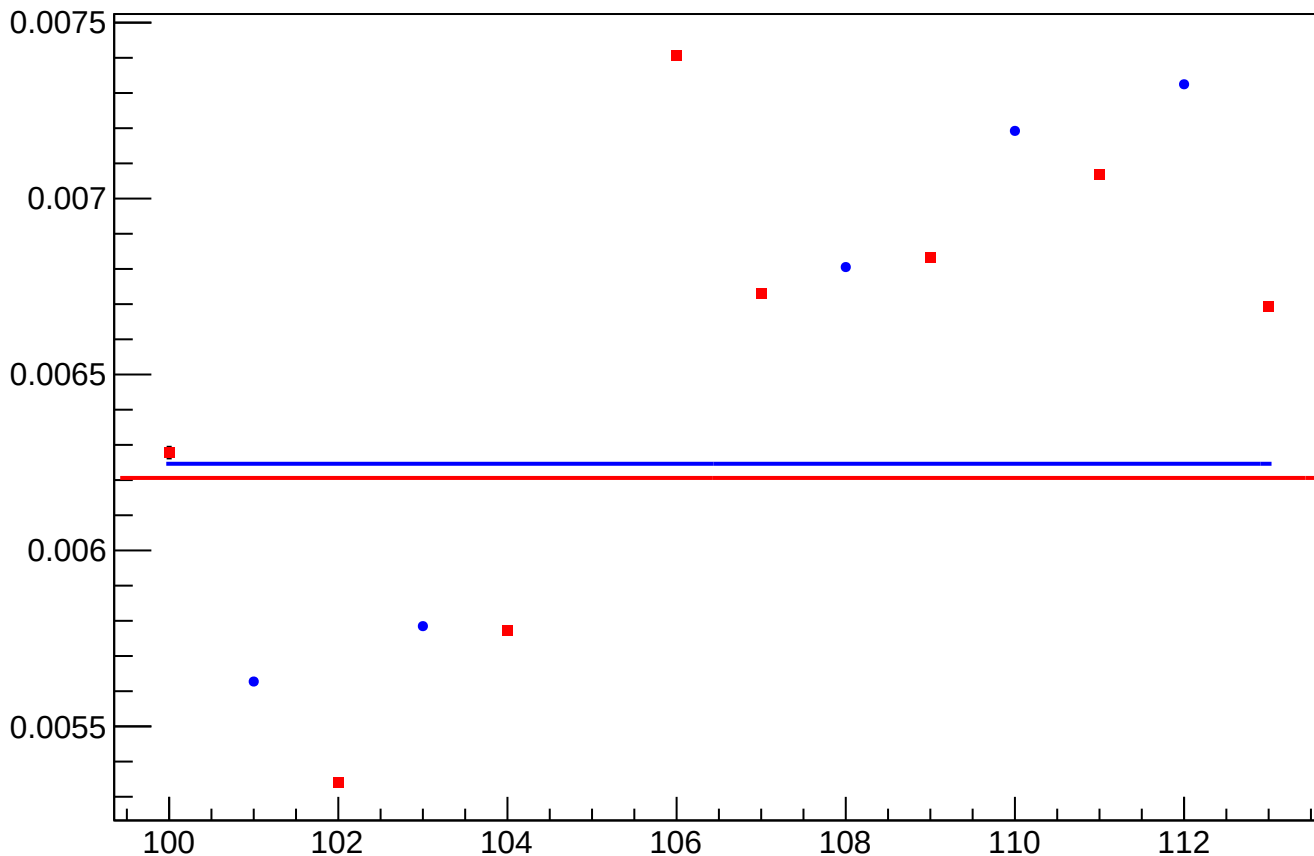
Right: -2.347+/-0.000 χ^2/NDF : 7499457218.0/12

In: -2.359+/-0.000 χ^2/NDF : 3053847069.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.347+/-0.000 χ^2/NDF : 7499457218.0/1

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 : 78514.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

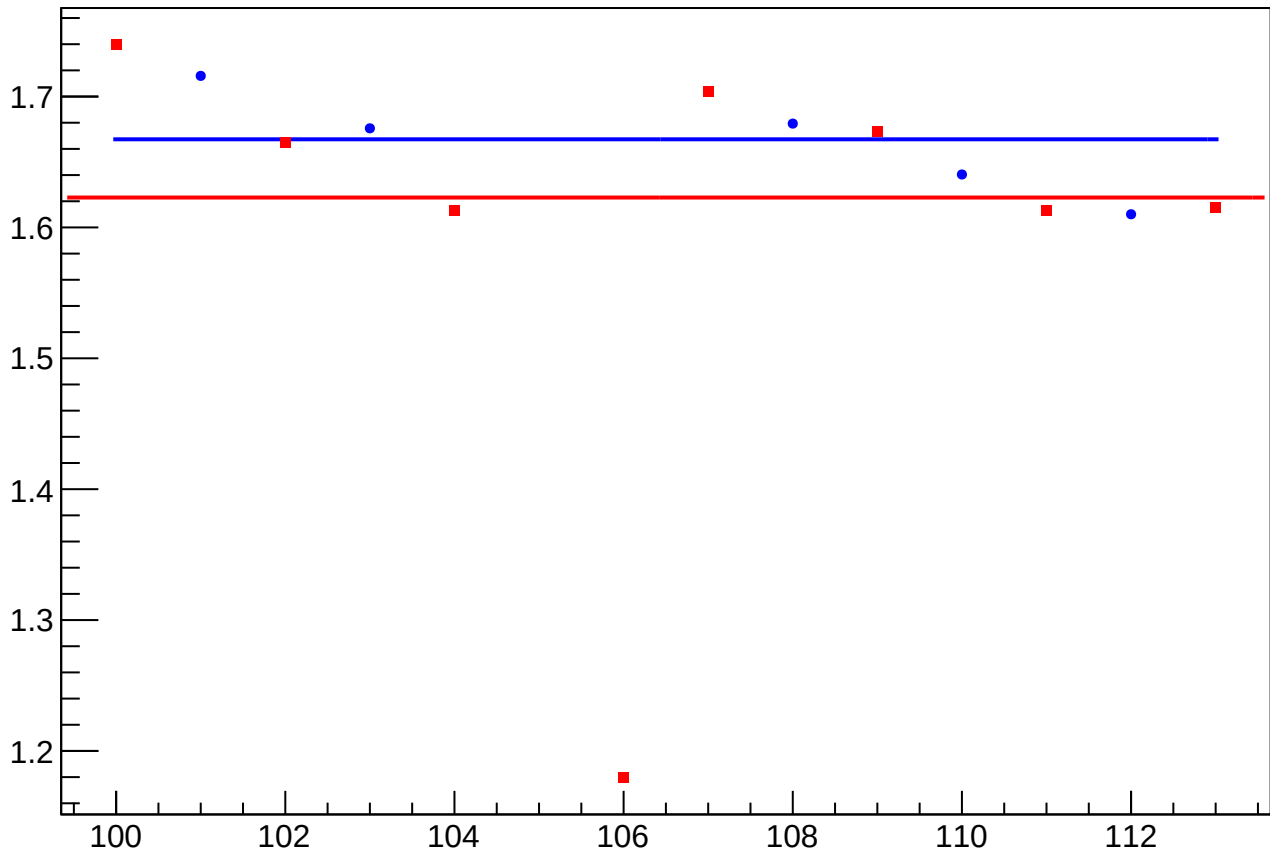
Right: 0.006+/-0.000 χ^2/NDF : 140070.5/12

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 : 140070.5/12

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: 1.623+/-0.000 χ^2/NDF : 7599813856.5/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

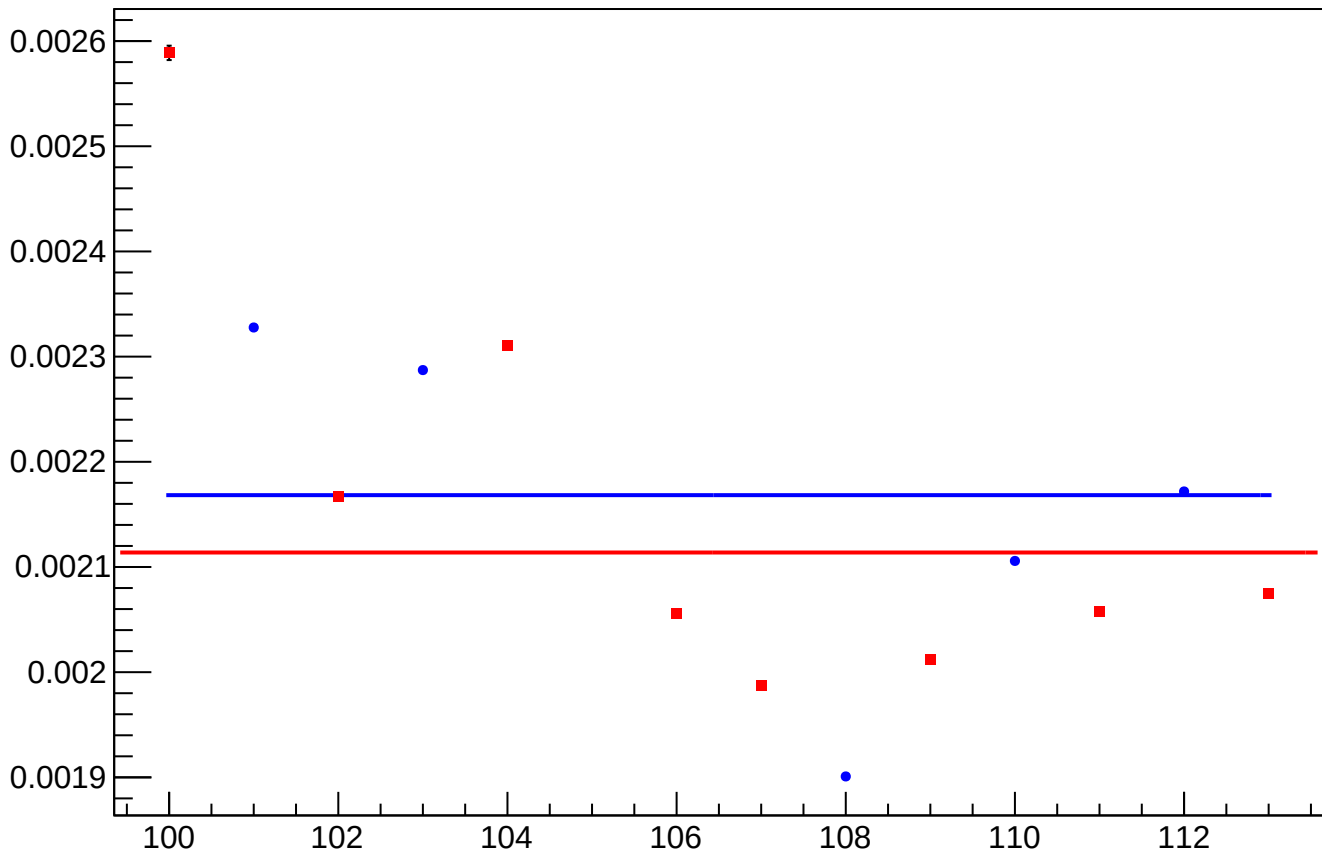
Right: 1.642+/-0.000 χ^2/NDF : 8819430448.2/12

In: 1.667+/-0.000 χ^2/NDF :662395777.9/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.642+/-0.000 χ^2/NDF : 8819430448.2/12

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 : 18189.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

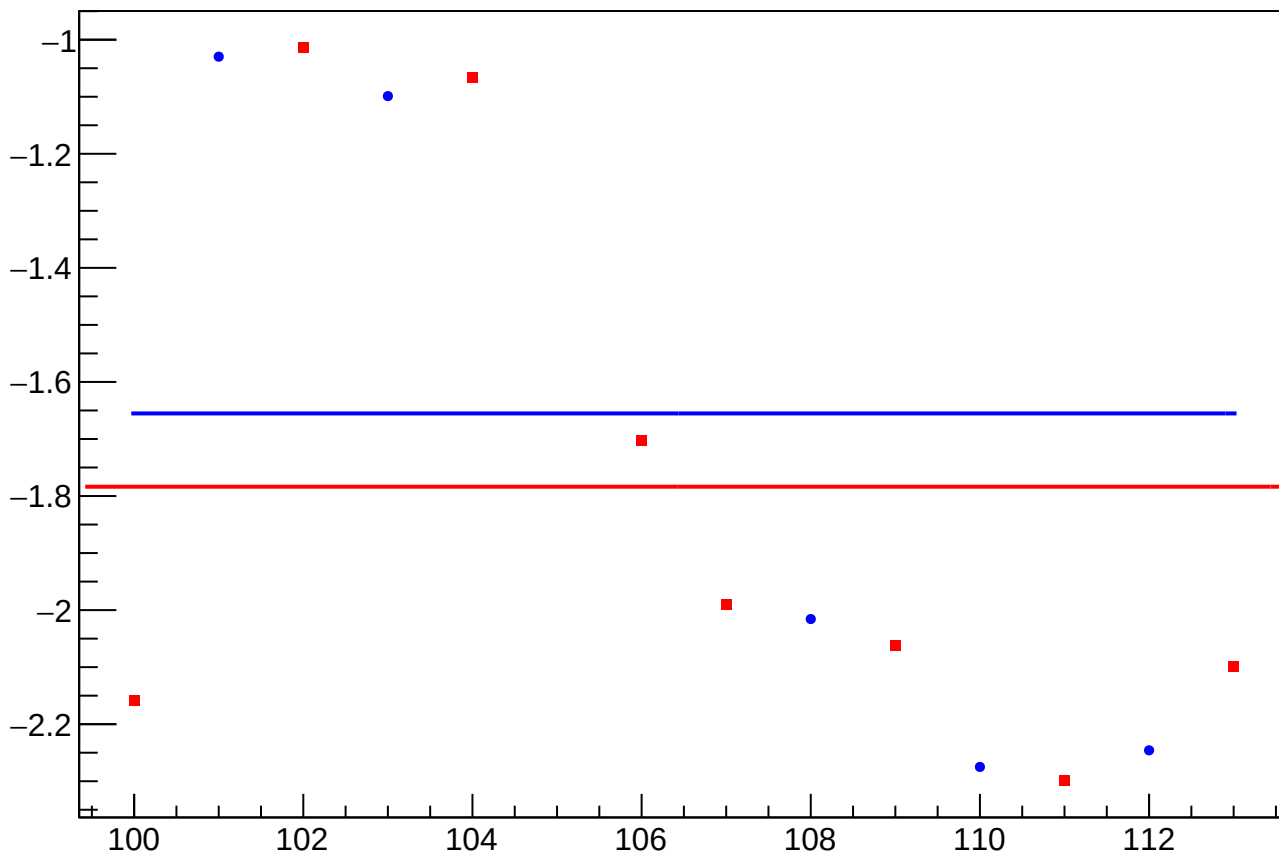
Right: 0.002+/-0.000 χ^2/NDF : 43579.7/12

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 : 43579.7/12

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: -1.784+/-0.000 χ^2/NDF : 18504835161.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

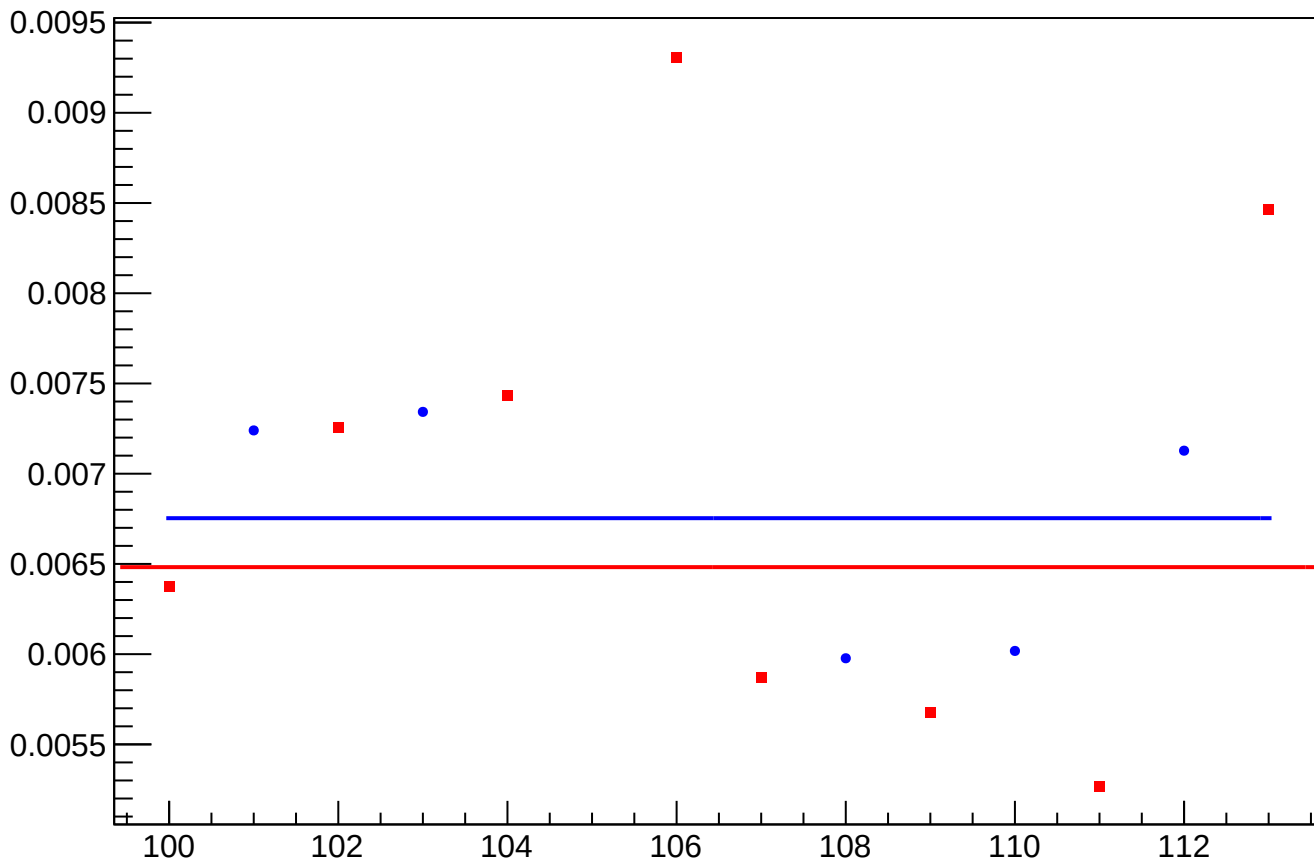
Right: -1.729+/-0.000 χ^2/NDF : 34677877306.2/12

In: -1.655+/-0.000 χ^2/NDF : 15689875337.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.729+/-0.000 χ^2/NDF : 34677877306.2/12

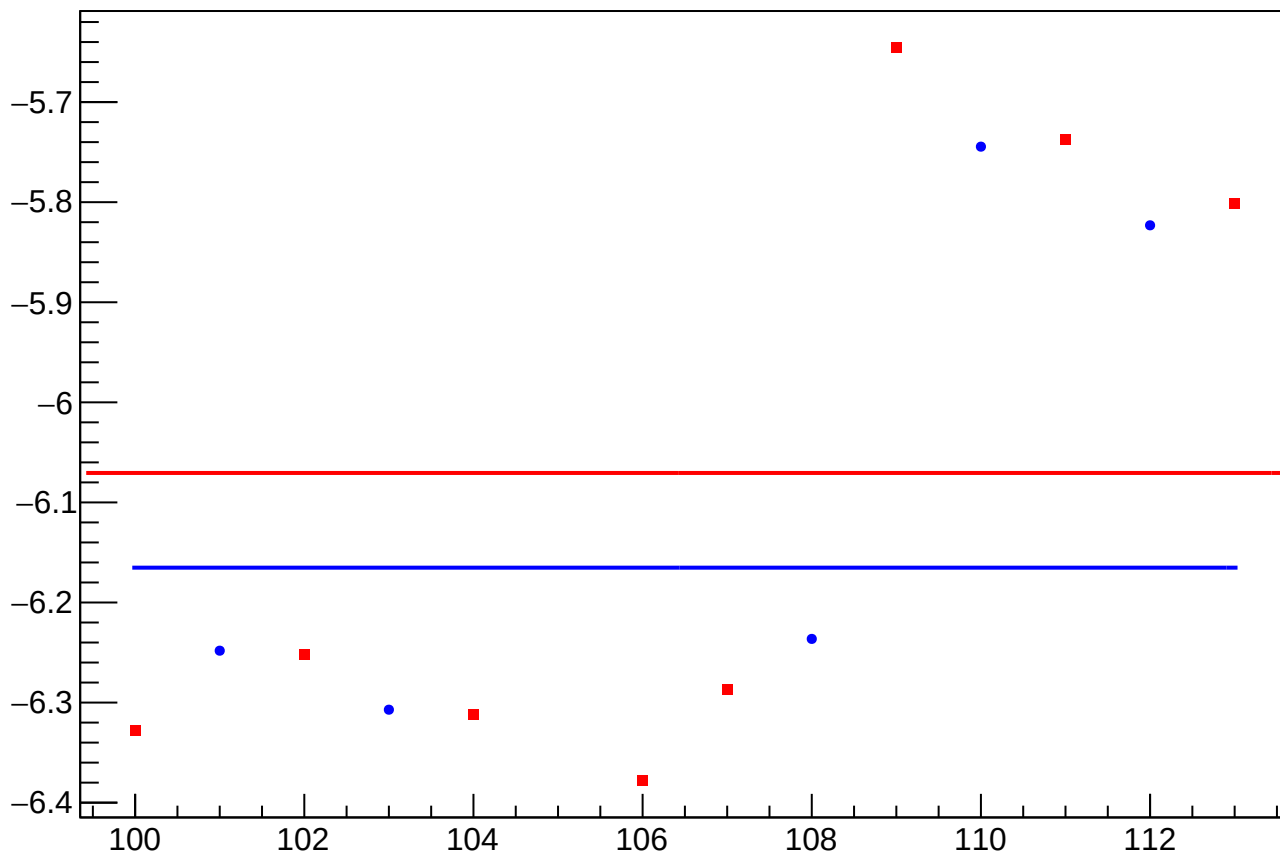
yield_bpm0l01X_rms vs Slug, Sign Corrected



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 : 188305.9/7
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.007+/-0.000 χ^2/NDF : 231196.8/12
 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 : 231196.8/12

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: -6.071+/-0.000 χ^2/NDF : 7614252527.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

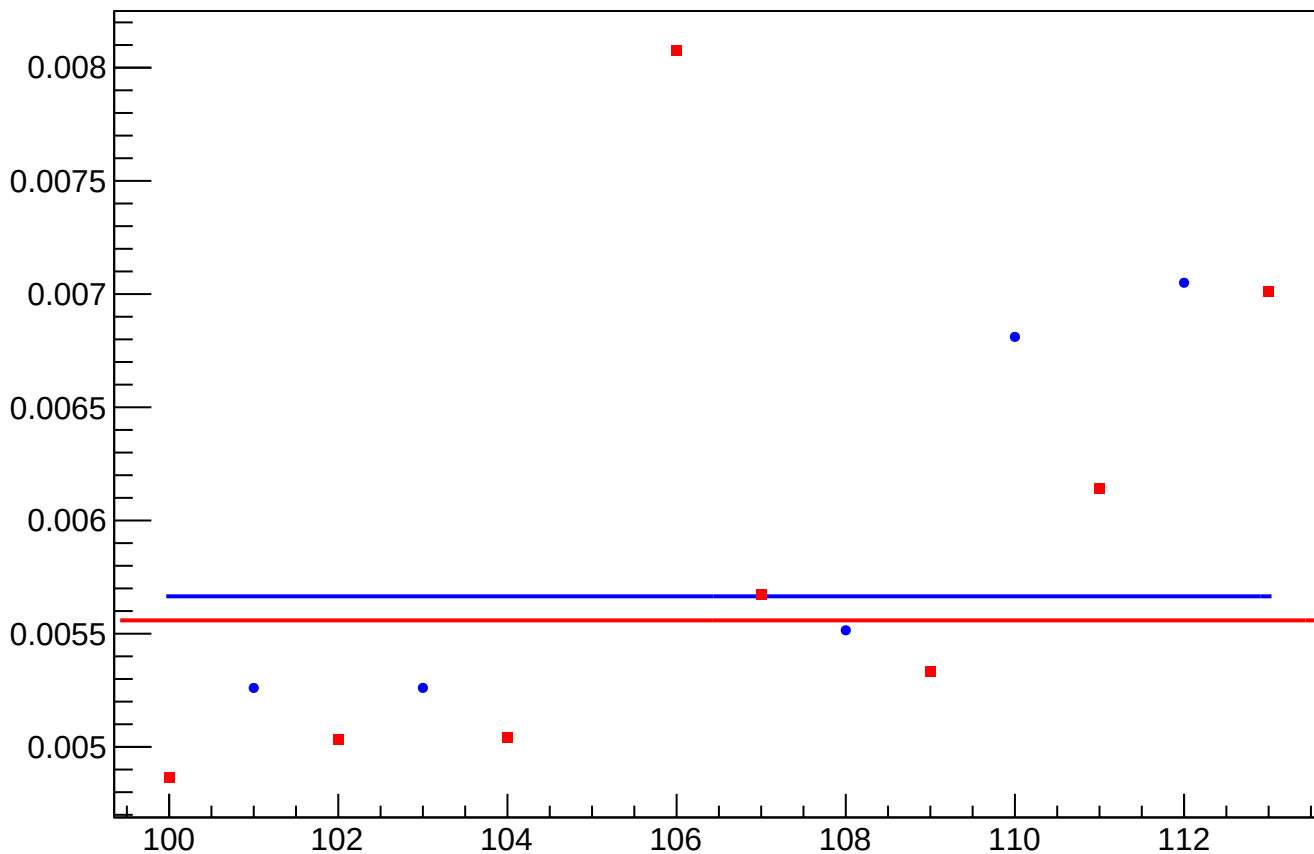
Right: -6.111+/-0.000 χ^2/NDF : 10789028320.5/12

In: -6.165+/-0.000 χ^2/NDF : 2812995841.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.111+/-0.000 χ^2/NDF : 10789028320.5/12

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: 0.006+/-0.000 χ^2/NDF : 121911.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

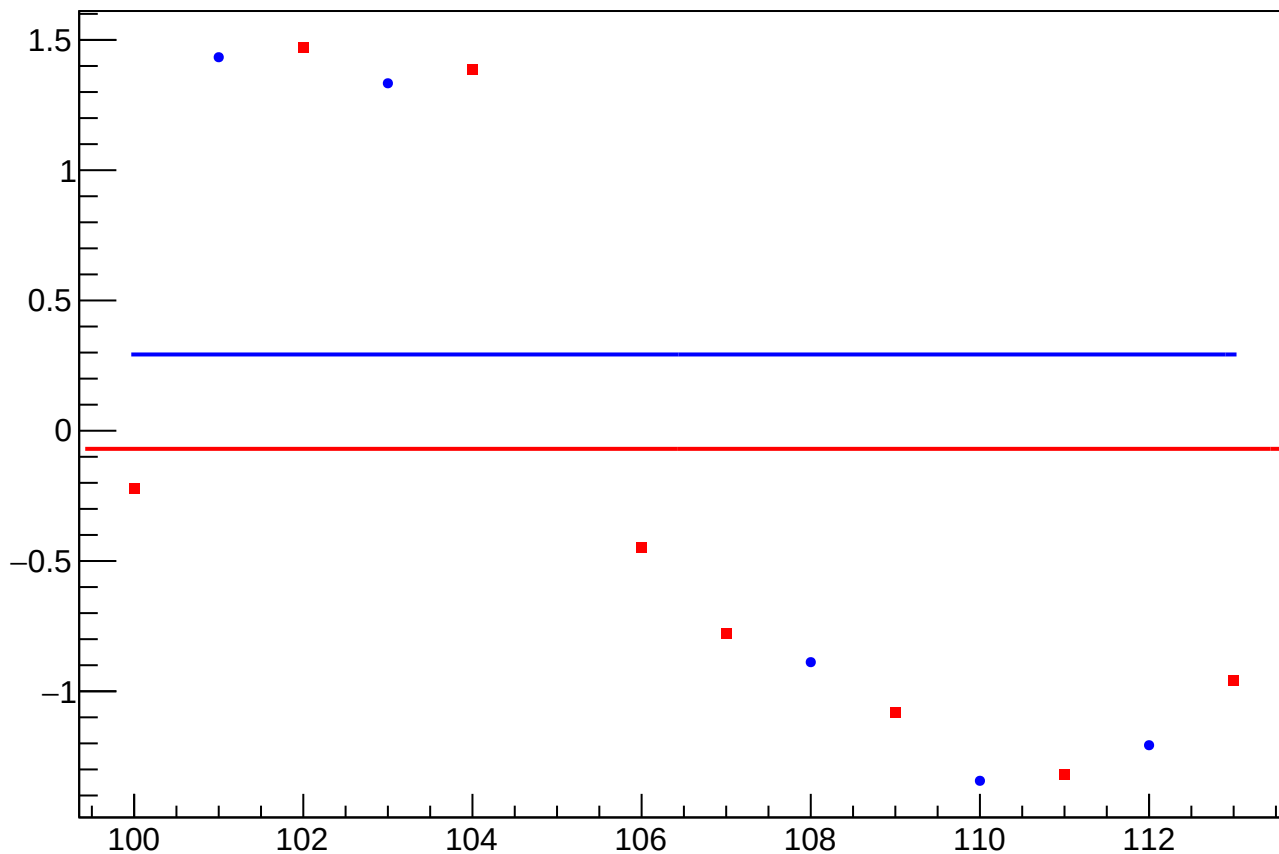
Right: 0.006+/-0.000 χ^2/NDF : 187897.5/12

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 : 187897.5/12

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: -0.070+/-0.000 χ^2/NDF : 20508582629.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

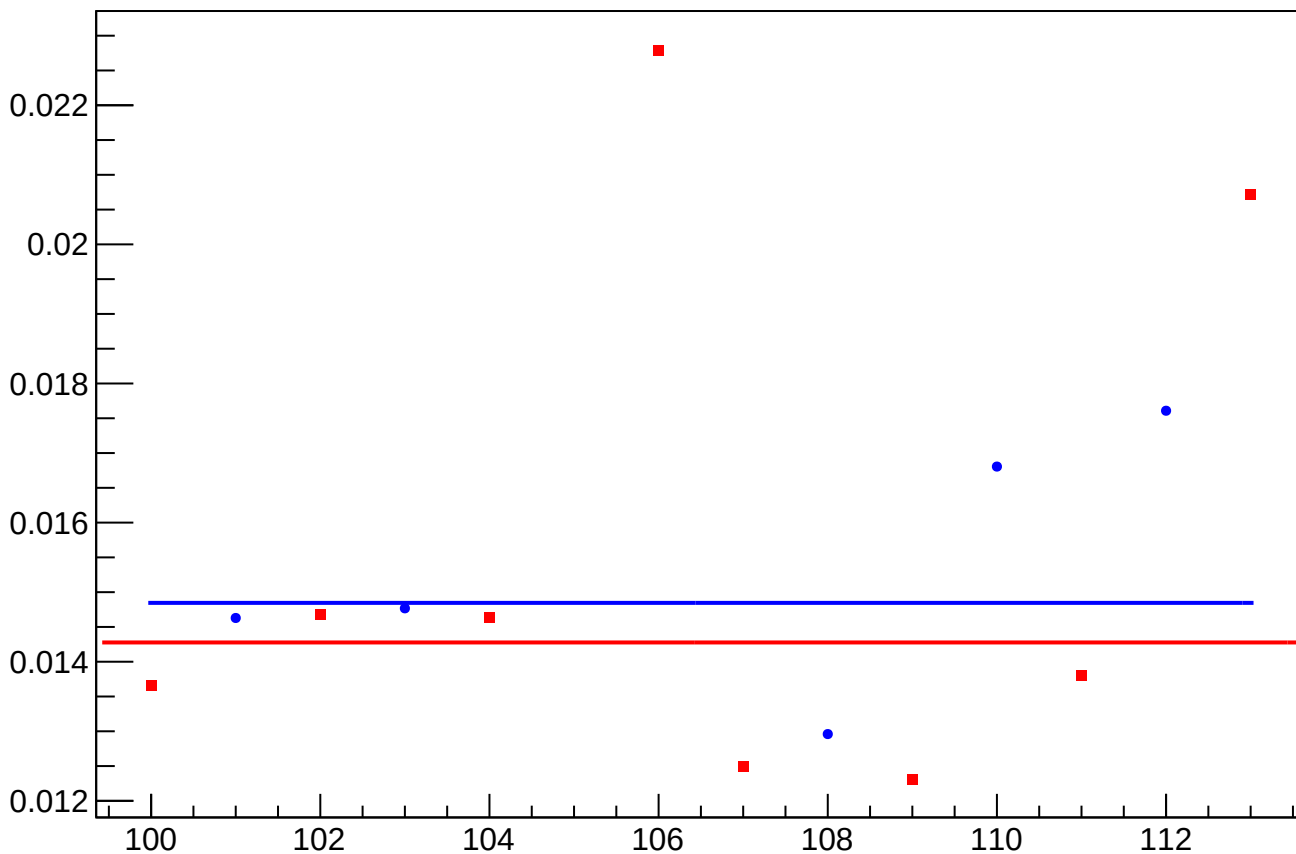
Right: 0.084+/-0.000 χ^2/NDF : 36863046599.4/12

In: 0.293+/-0.000 χ^2/NDF :15577006546.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.084+/-0.000 χ^2/NDF : 36863046599.4/12

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 : 160426.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

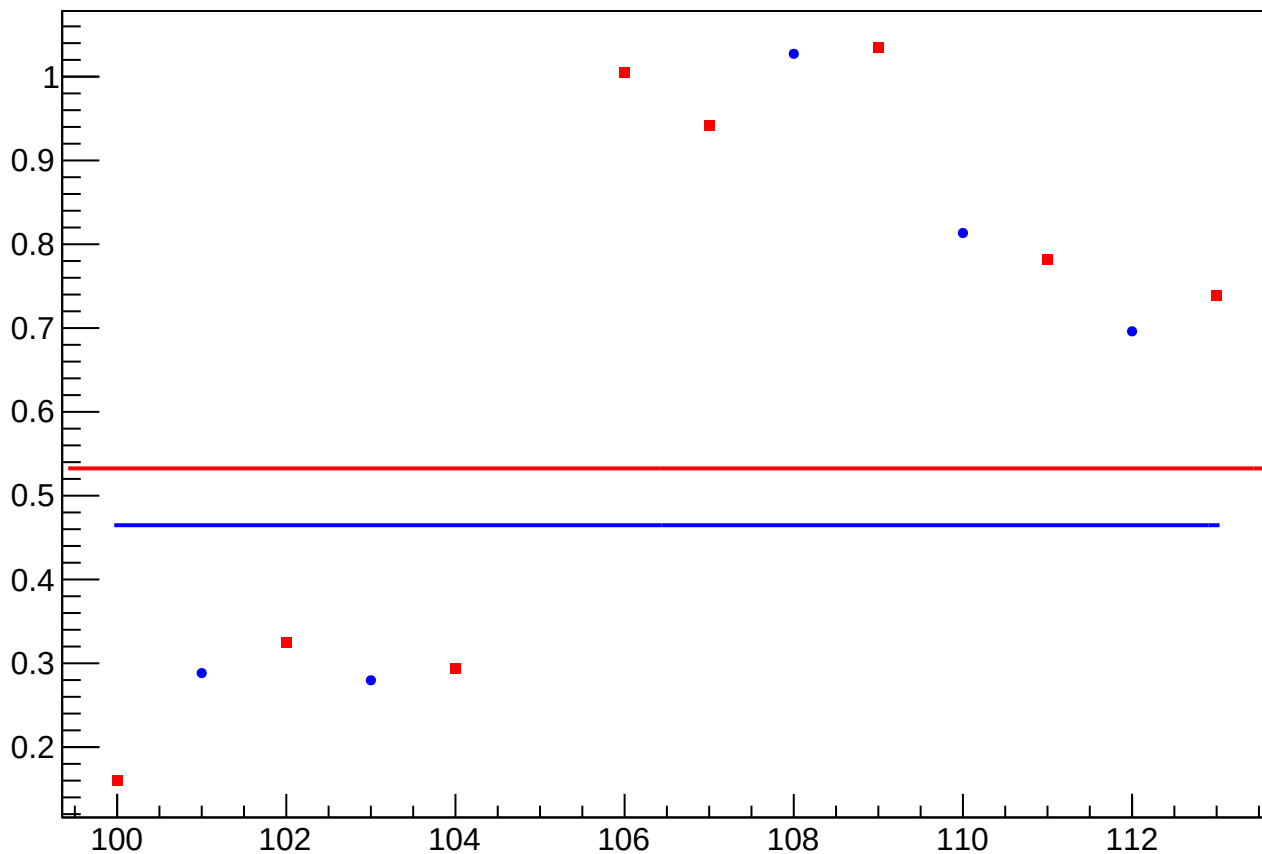
Right: 0.015+/-0.000 χ^2/NDF : 206720.2/12

In: 0.015+/-0.000 χ^2/NDF :42454.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.000 χ^2/NDF : 206720.2/12

yield_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 0.465+/-0.000 χ^2/NDF : 3179083816.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.533+/-0.000 χ^2/NDF : 4432589236.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

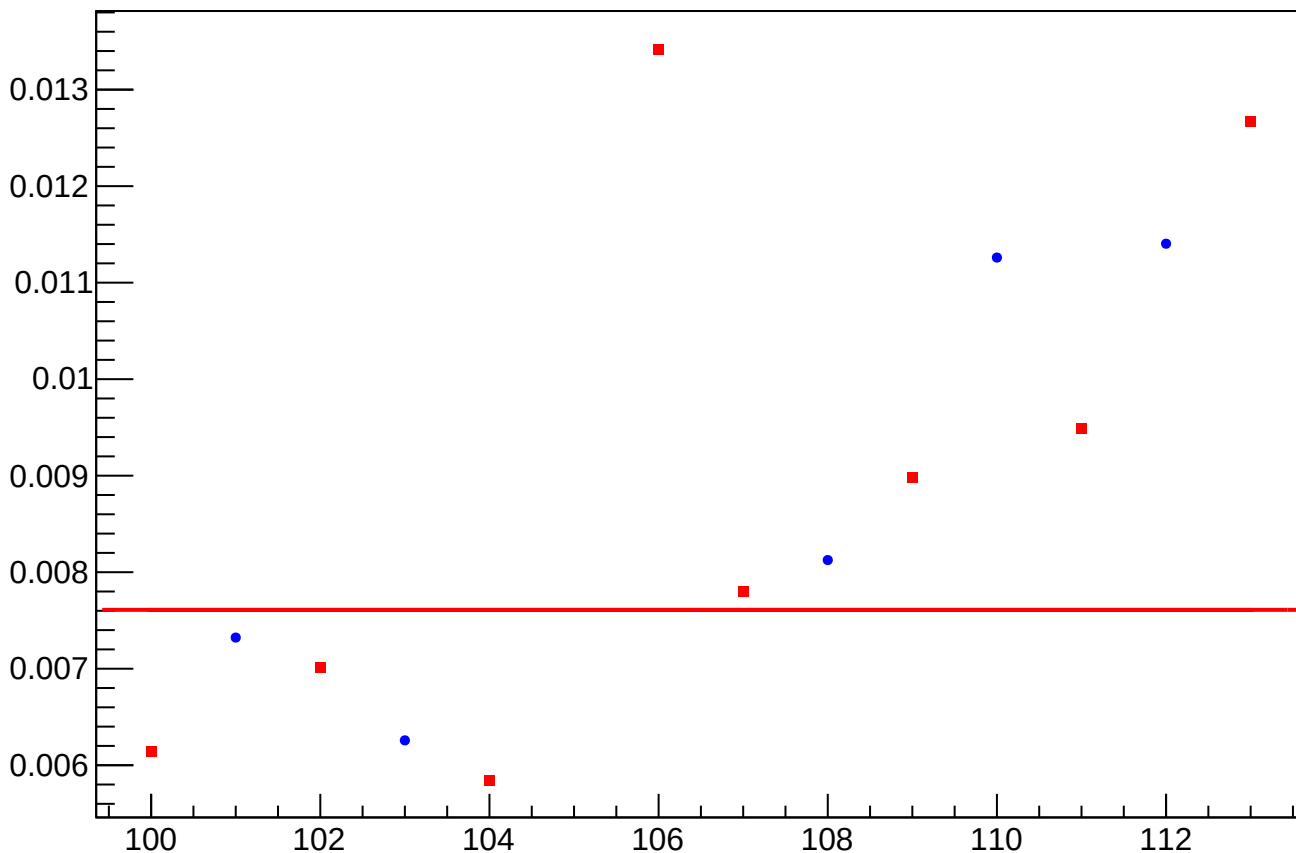
Right: 0.502+/-0.000 χ^2/NDF : 7708041764.5/12

In: 0.465+/-0.000 χ^2/NDF : 3179083816.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.502+/-0.000 χ^2/NDF : 7708041764.5/12

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: 0.008+/-0.000 χ^2/NDF : 351716.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

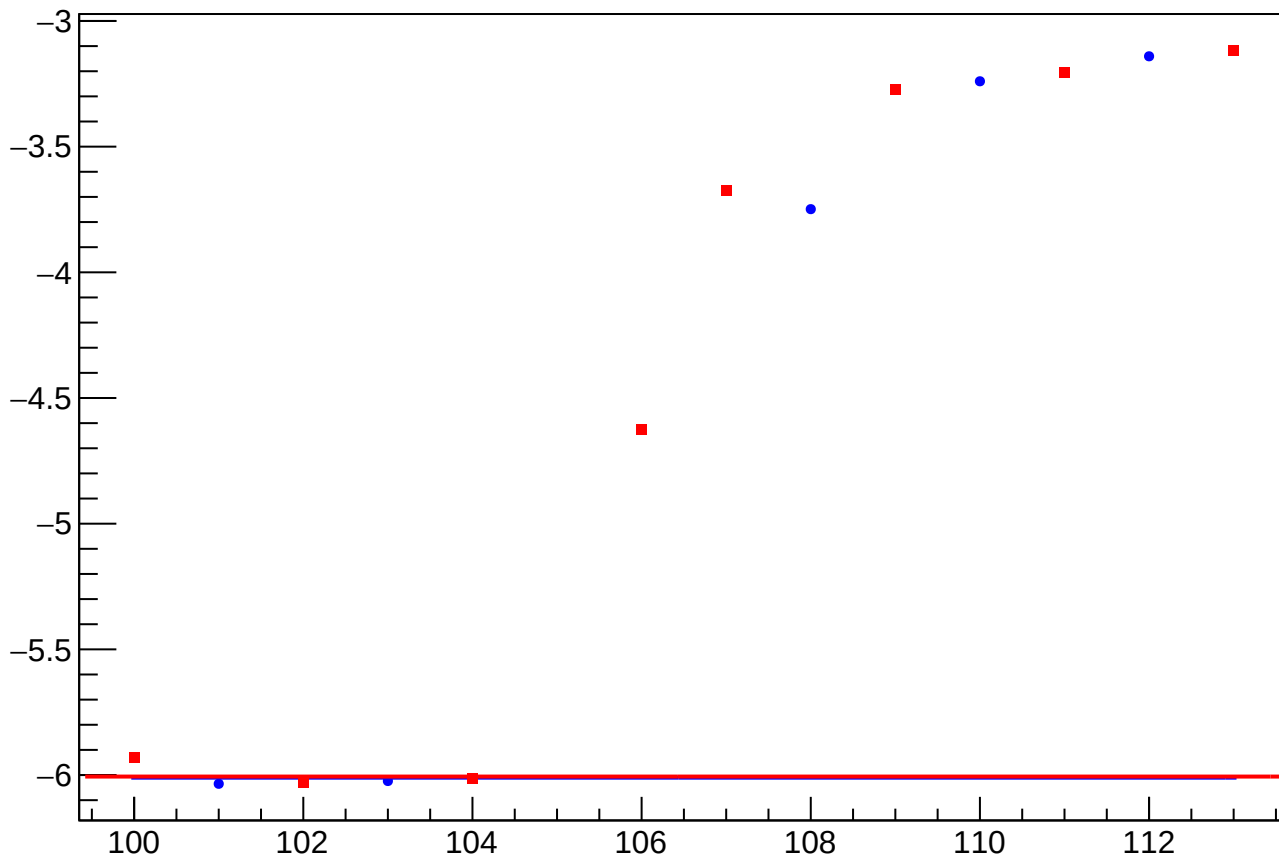
Right: 0.008+/-0.000 χ^2/NDF : 562434.7/12

In: 0.008+/-0.000 χ^2/NDF : 210717.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 562434.7/12

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: -6.006+/-0.000 χ^2/NDF : 1495628726.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

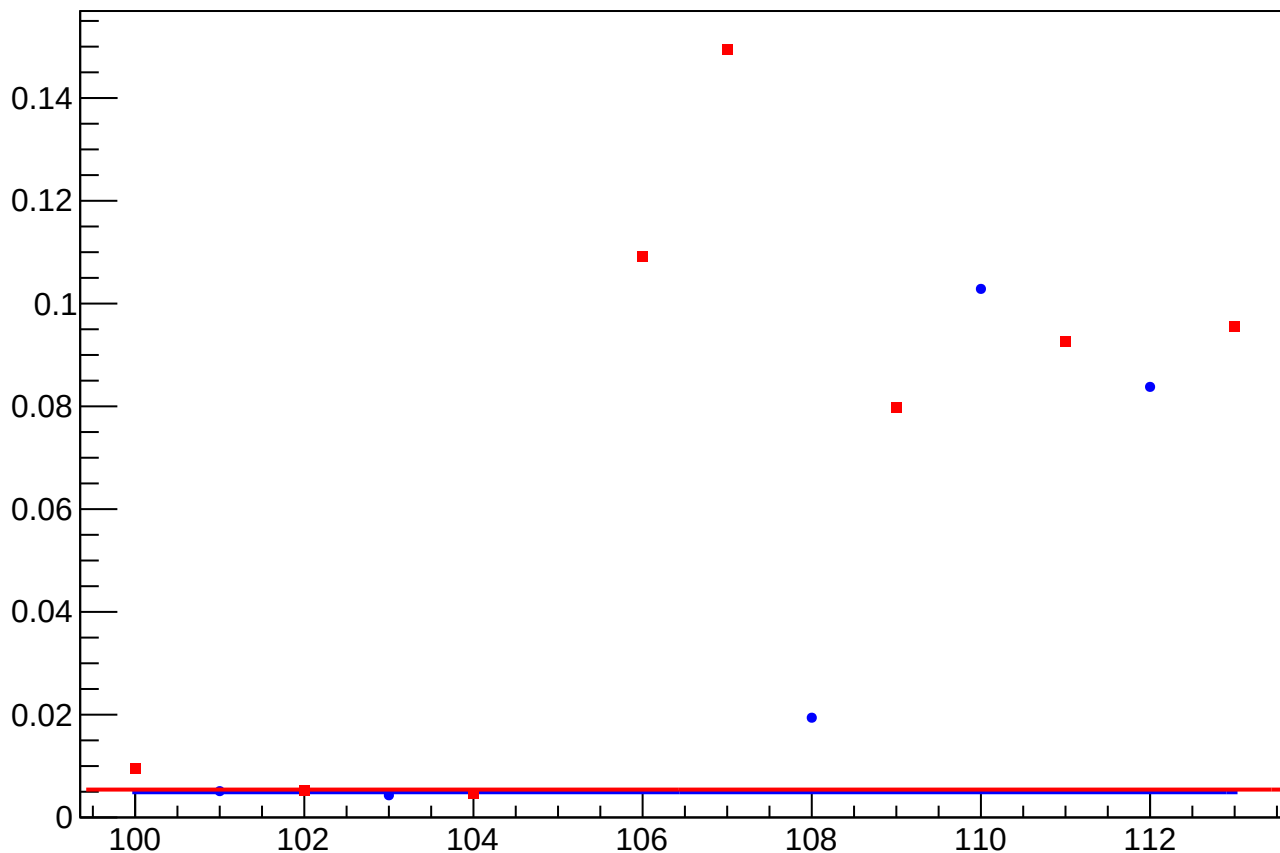
Right: -6.008+/-0.000 χ^2/NDF : 3740339221.2/12

In: -6.010+/-0.000 χ^2/NDF : 2244289307.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.008+/-0.000 χ^2/NDF : 3740339221.2/12

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 : 3397967.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

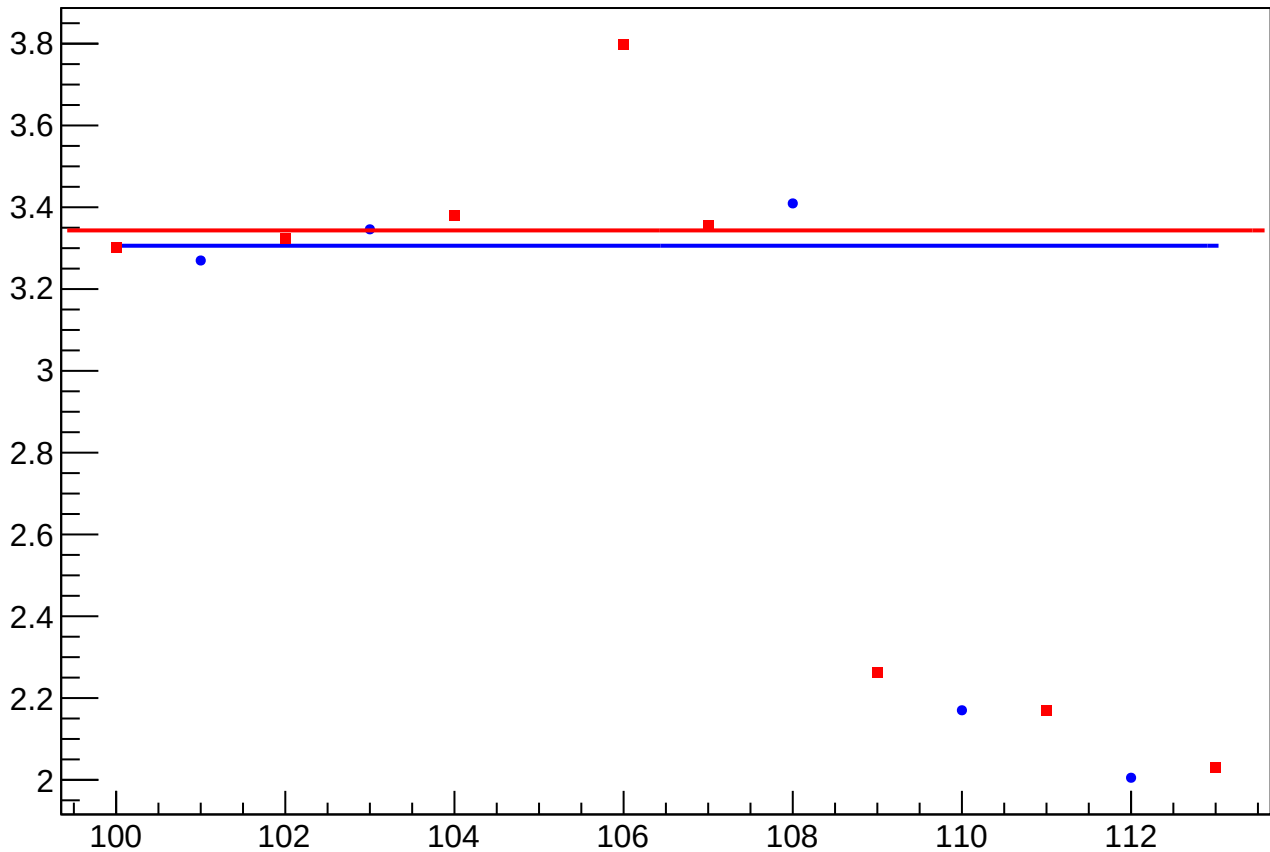
Right: 0.005+/-0.000 χ^2/NDF : 4980733.5/12

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 : 4980733.5/12

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: 3.343+/-0.000 χ^2/NDF : 260836385.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

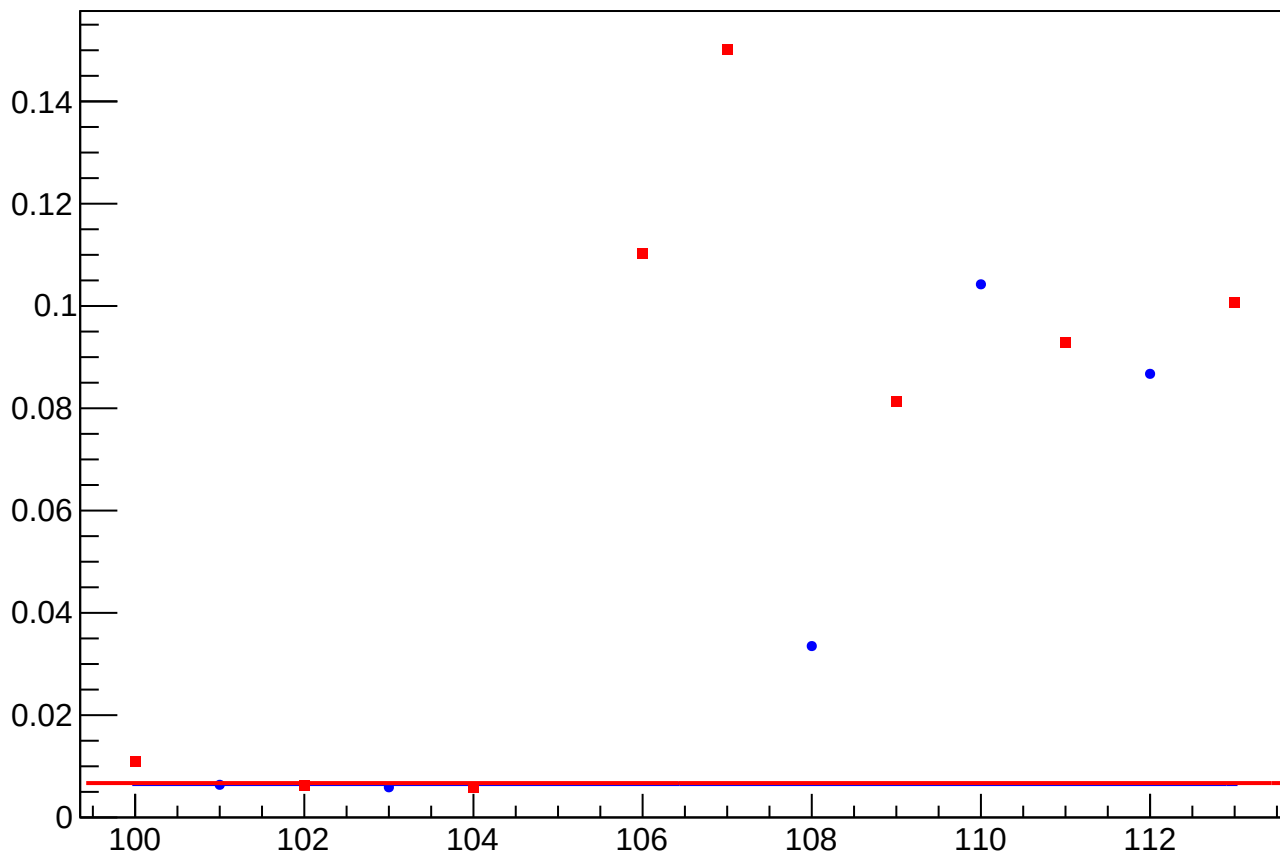
Right: 3.324+/-0.000 χ^2/NDF : 472009241.9/12

In: 3.306+/-0.000 χ^2/NDF :190598509.2/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3.324+/-0.000 χ^2/NDF : 472009241.9/12

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 : 3298881.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

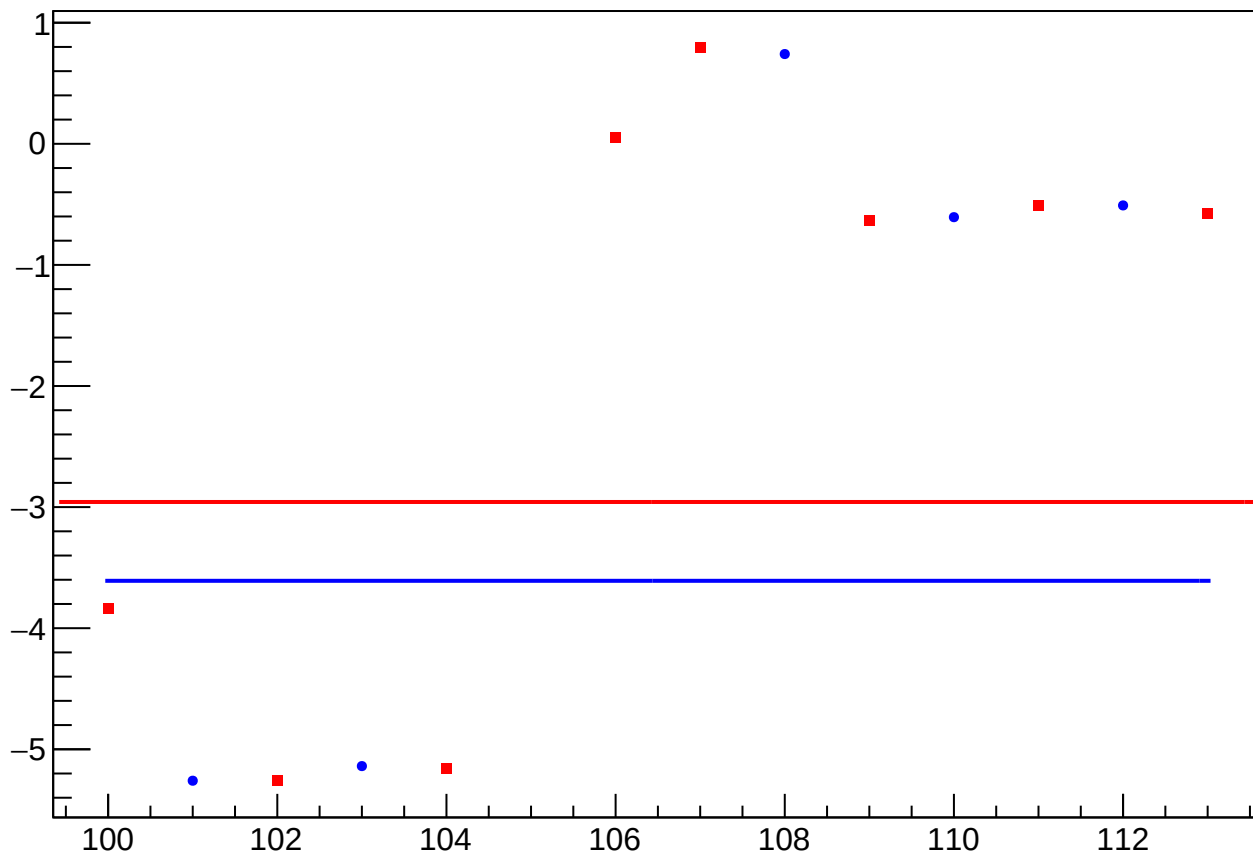
Right: 0.007+/-0.000 χ^2/NDF : 4906738.2/12

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 : 4906738.2/12

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: -2.958+/-0.000 χ^2/NDF : 93021293196.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

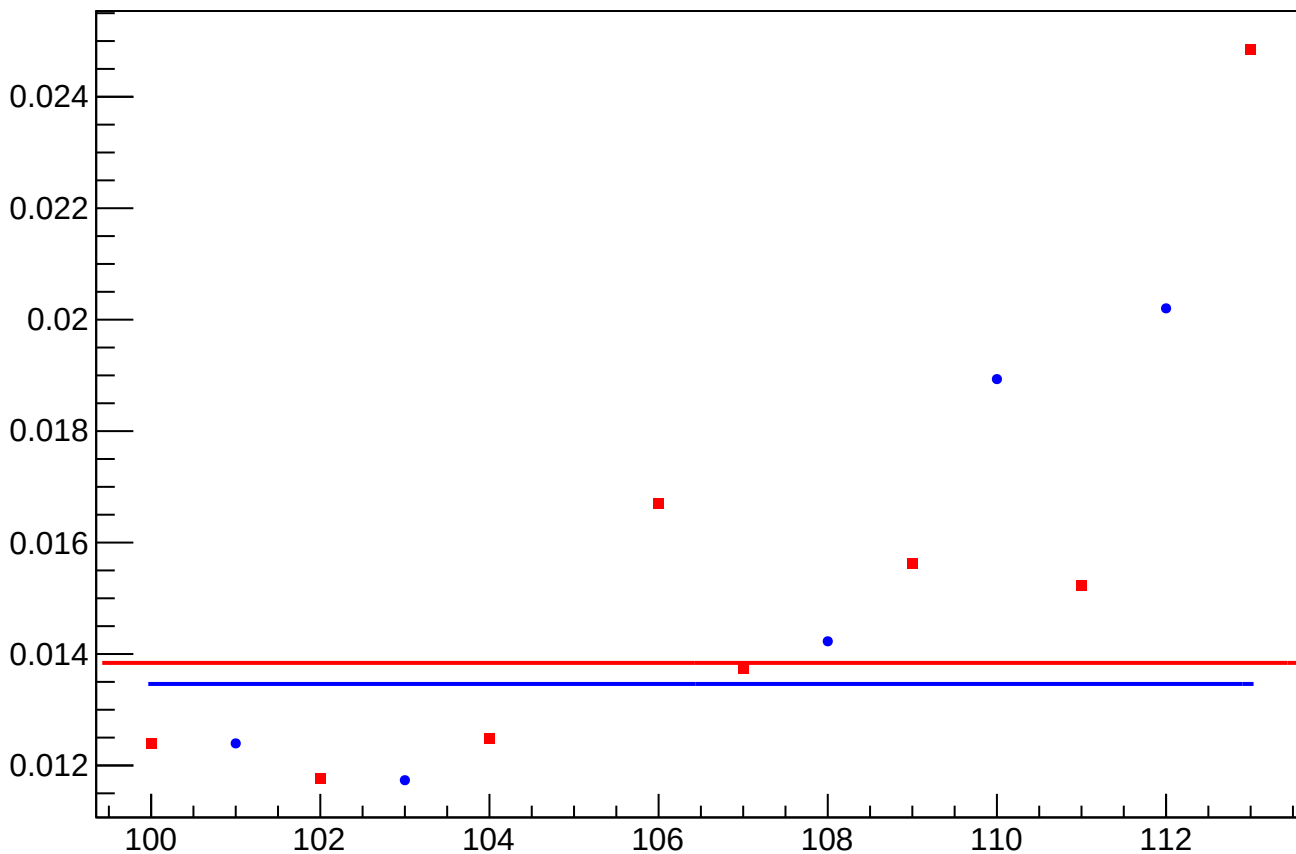
Right: -3.248+/-0.000 χ^2/NDF : 169432934075.8/12

In: -3.609+/-0.000 χ^2/NDF : 73566415239.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.248+/-0.000 χ^2/NDF : 169432934075.8

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: 0.014+/-0.000 χ^2/NDF : 218543.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

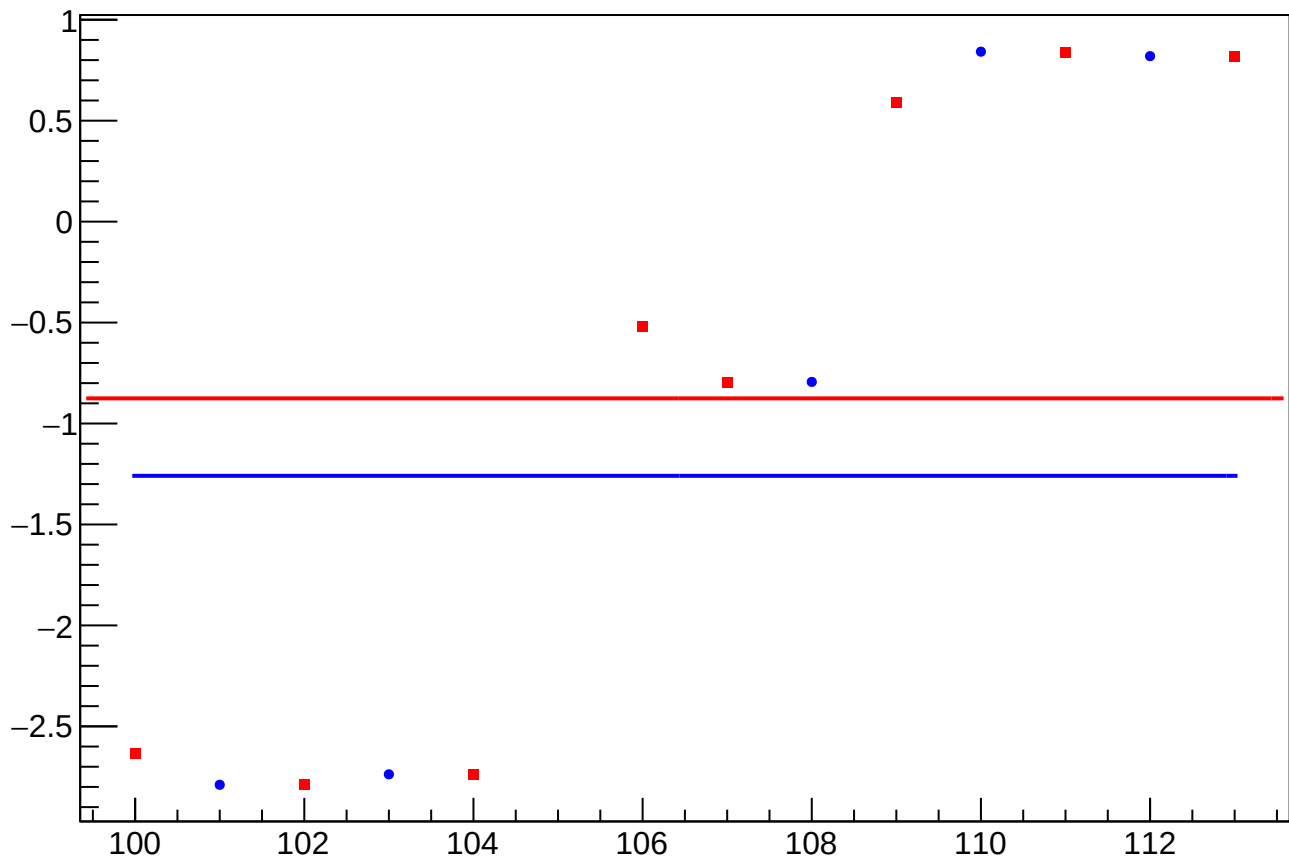
Right: 0.014+/-0.000 χ^2/NDF : 387779.1/12

In: 0.013+/-0.000 χ^2/NDF :167318.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.000 χ^2/NDF : 387779.1/12

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: -0.875+/-0.000 χ^2/NDF : 582110080851.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

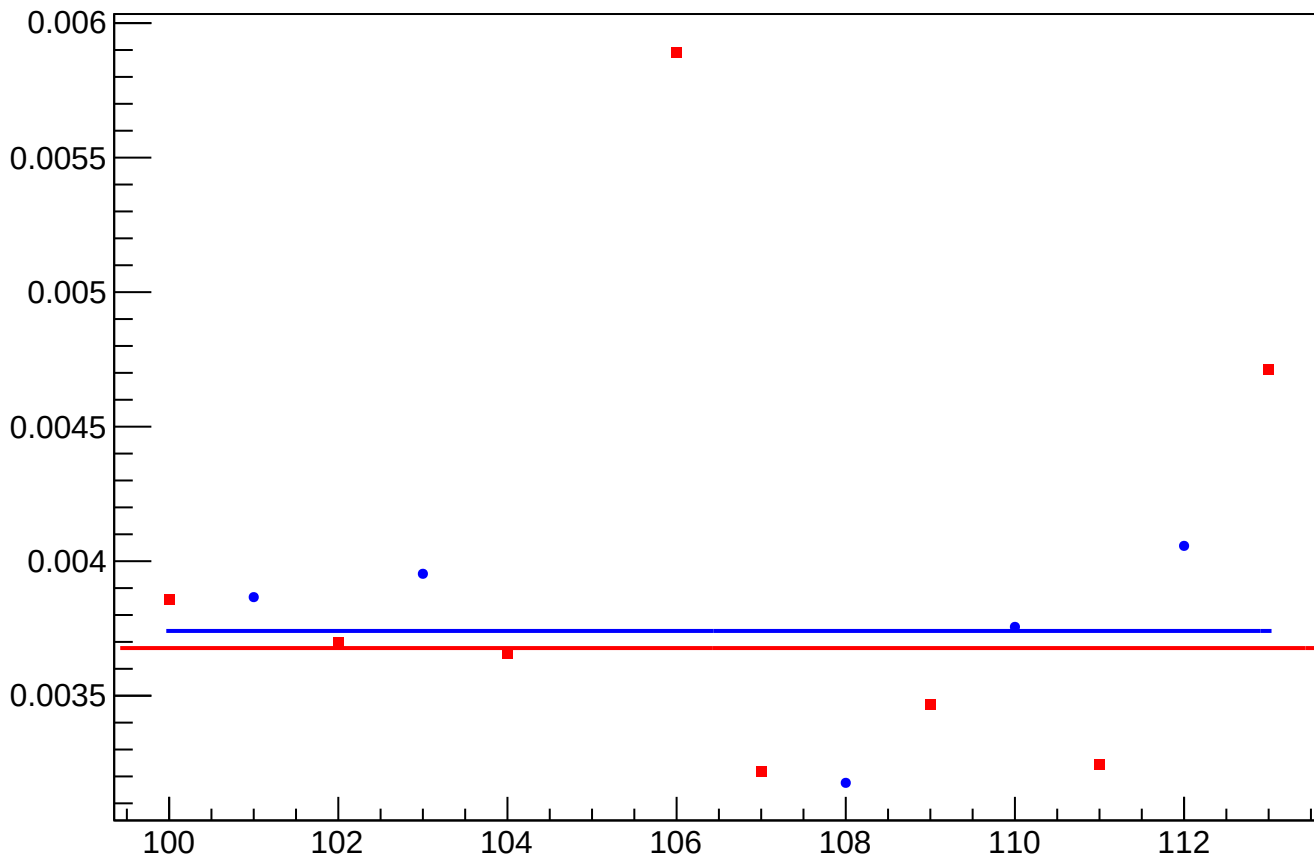
Right: -1.041+/-0.000 χ^2/NDF : 1002861962910.6/1

In: -1.259+/-0.000 χ^2/NDF : 406627315621.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.041+/-0.000 χ^2/NDF : 1002861962910.6/1

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 : 147121.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

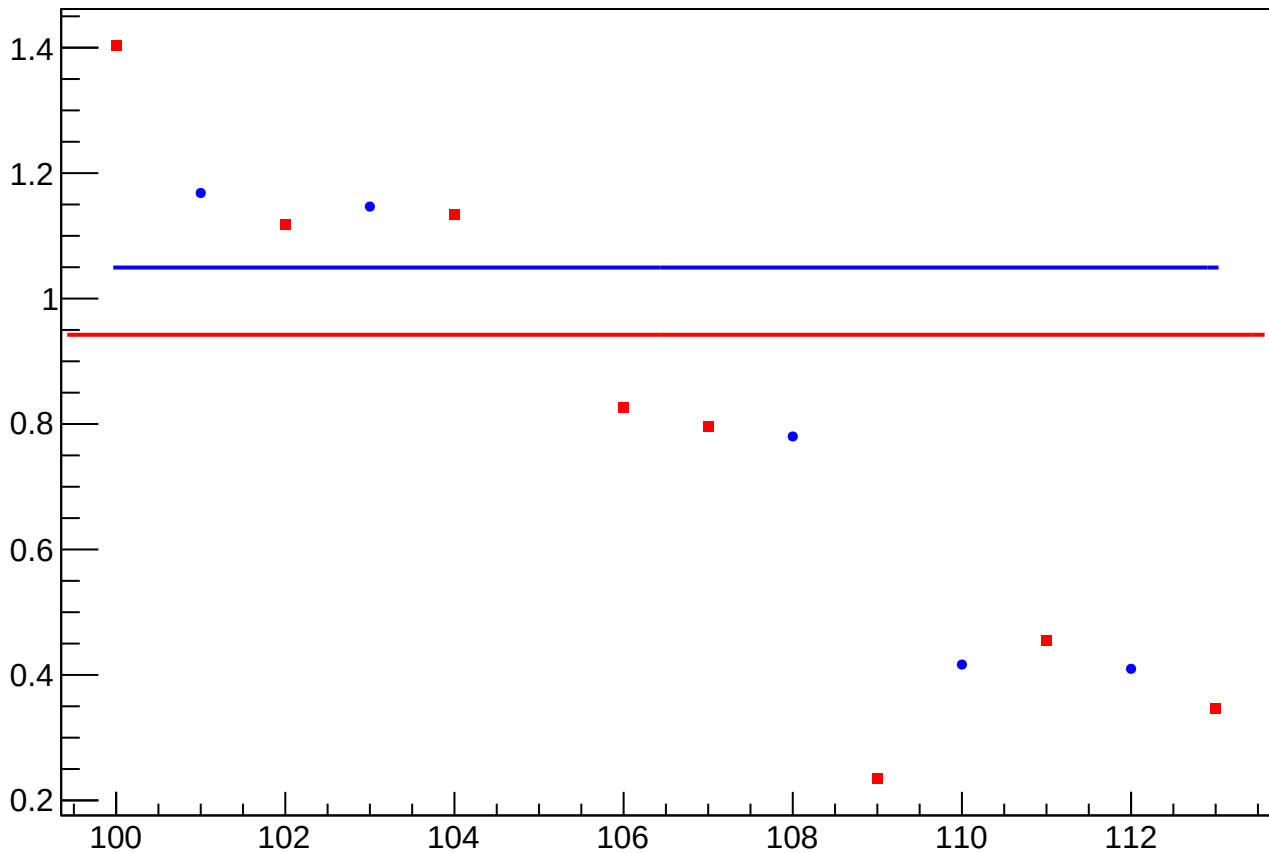
Right: 0.004+/-0.000 χ^2/NDF : 182650.1/12

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 : 182650.1/12

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: 0.942+/-0.000 χ^2/NDF : 10538190829.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

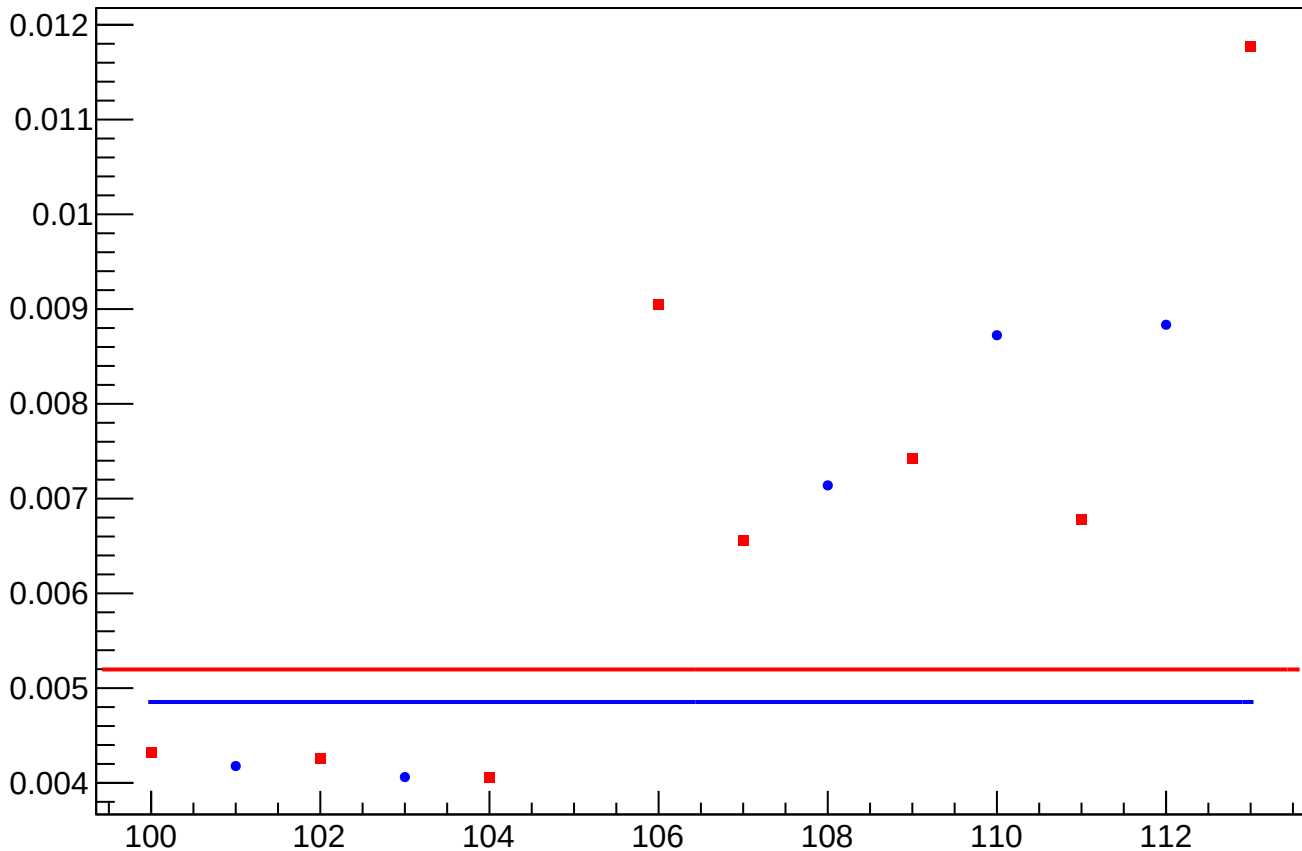
Right: 0.993+/-0.000 χ^2/NDF : 16016817064.9/12

In: 1.049+/-0.000 χ^2/NDF : 4952007716.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.993+/-0.000 χ^2/NDF : 16016817064.9/12

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 : 597761.3/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

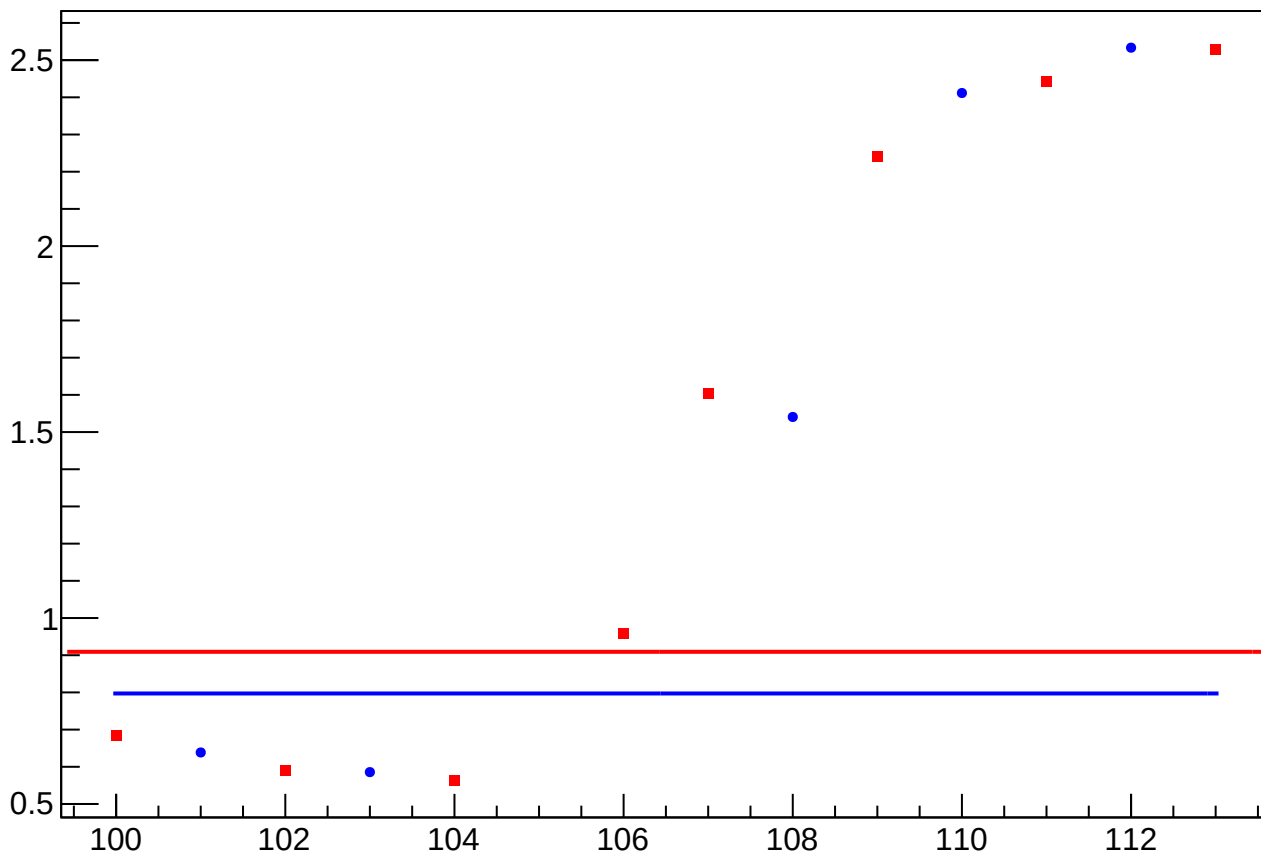
Right: 0.005+/-0.000 χ^2/NDF : 1036352.4/12

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 : 1036352.4/12

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 0.797+/-0.000

χ^2/NDF : 25826491998.4/4

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.856+/-0.000 χ^2/NDF : 75057568634.8/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.797+/-0.000 χ^2/NDF : 25826491998.4/4

Right Out: 0.909+/-0.000

χ^2/NDF : 48566491332.0/7

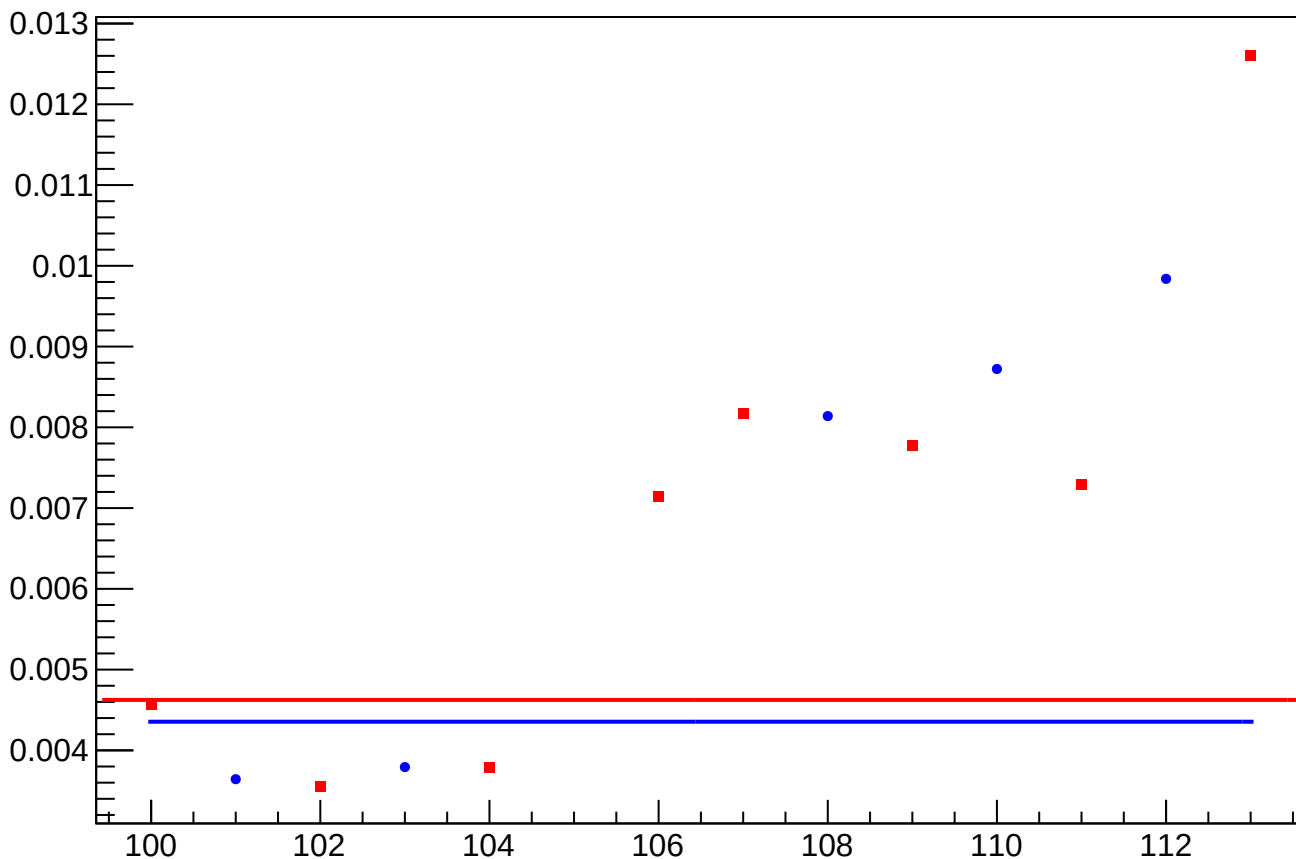
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.856+/-0.000 χ^2/NDF : 75057568634.8/12

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: 0.005+/-0.000 χ^2/NDF : 789647.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

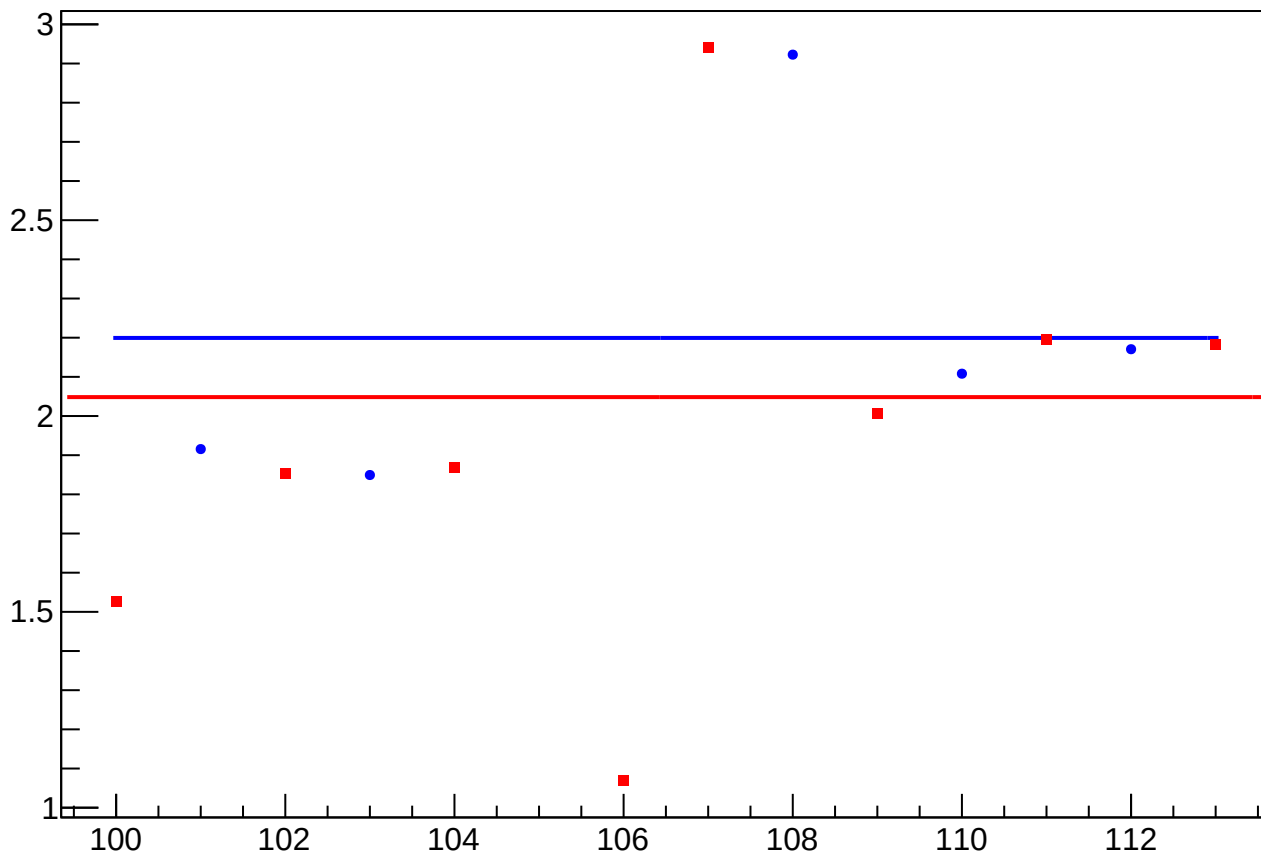
Right: 0.004+/-0.000 χ^2/NDF : 1379443.5/12

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 : 1379443.5/12

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: 2.114+/-0.000 χ^2/NDF : 19361582325.0/12

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: 2.048+/-0.000

χ^2/NDF : 11175274615.1/7

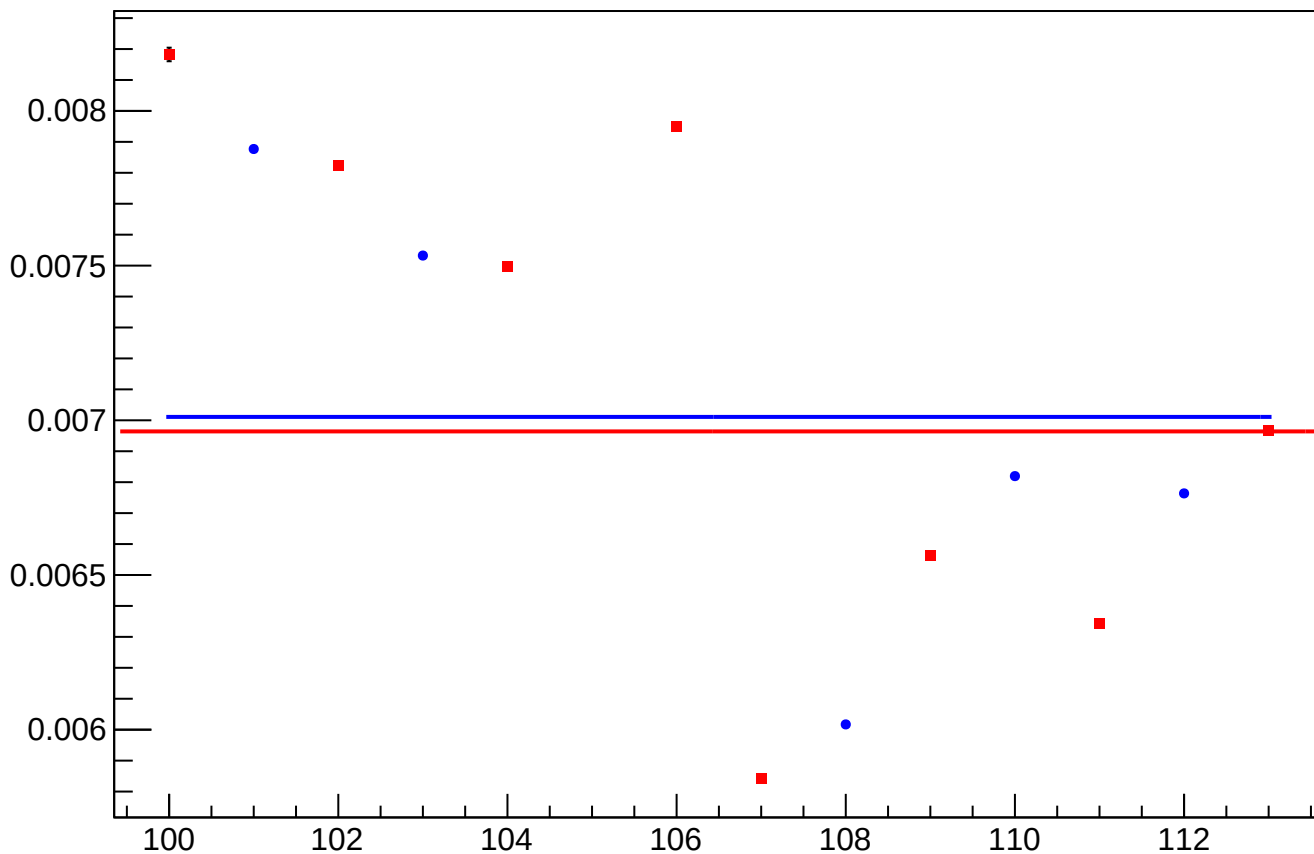
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 2.114+/-0.000 χ^2/NDF : 19361582325.0/12

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 : 61675.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

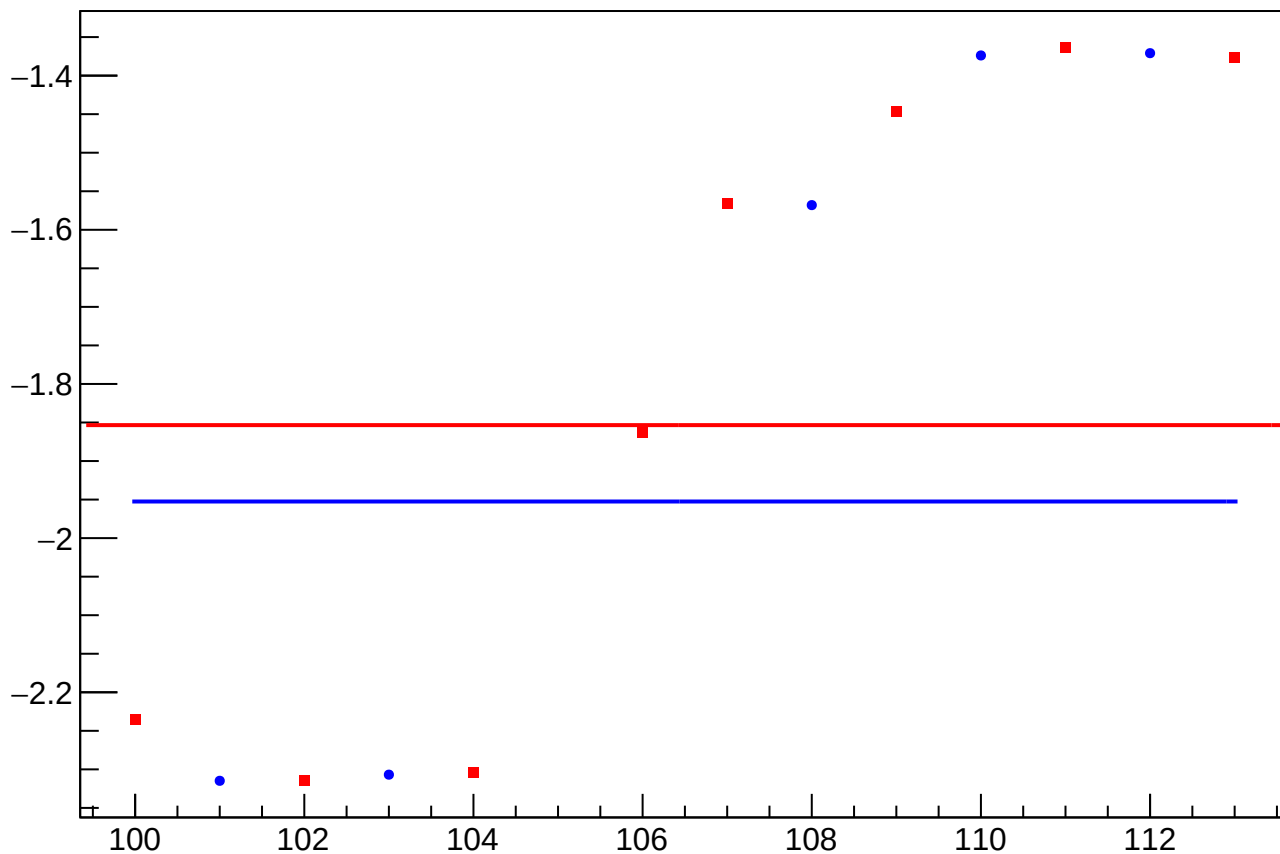
Right: 0.007+/-0.000 χ^2/NDF : 104750.3/12

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 : 104750.3/12

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: -1.853+/-0.000 χ^2/NDF : 82232983067.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

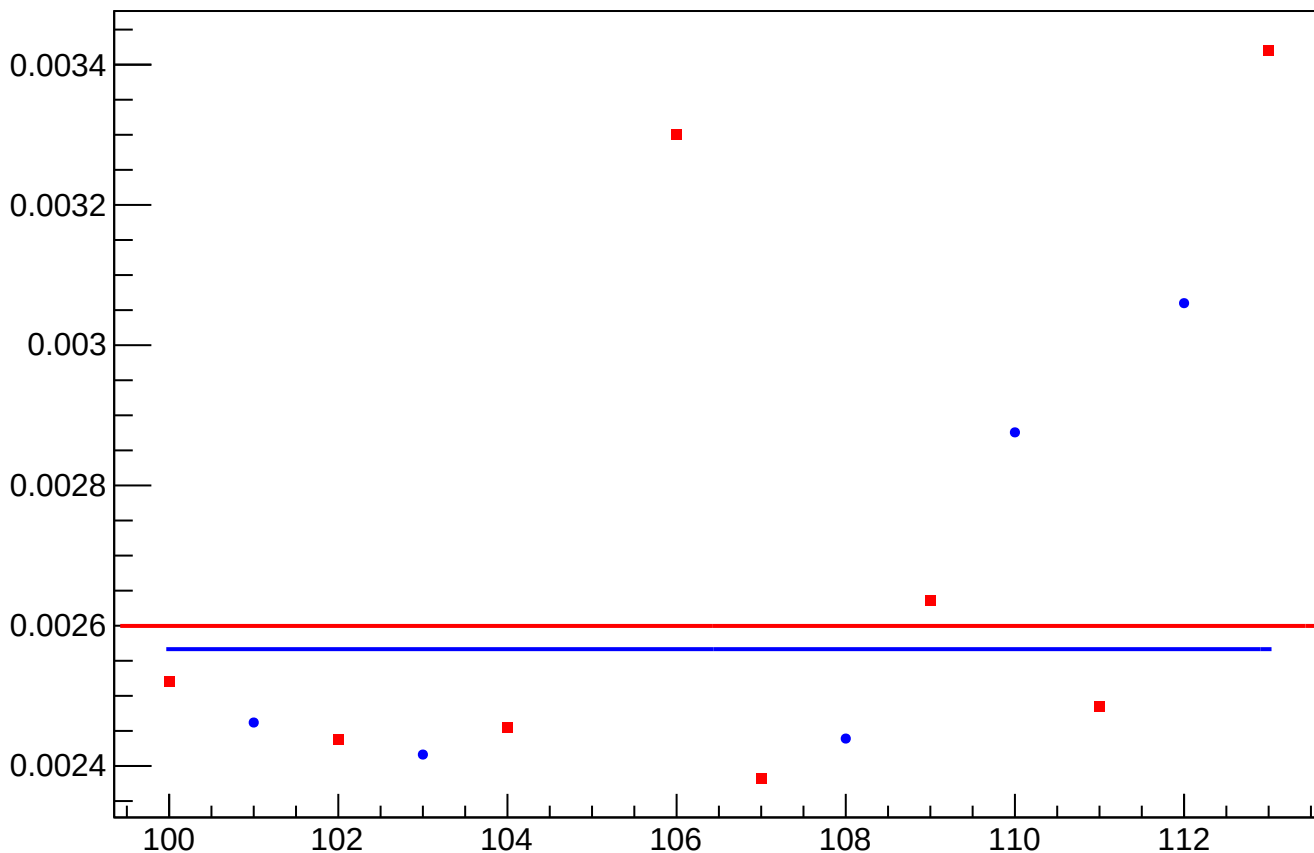
Right: -1.898+/-0.000 χ^2/NDF : 149777751992.5/12

In: -1.952+/-0.000 χ^2/NDF : 65576502475.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.898+/-0.000 χ^2/NDF : 149777751992.5

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 : 85996.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

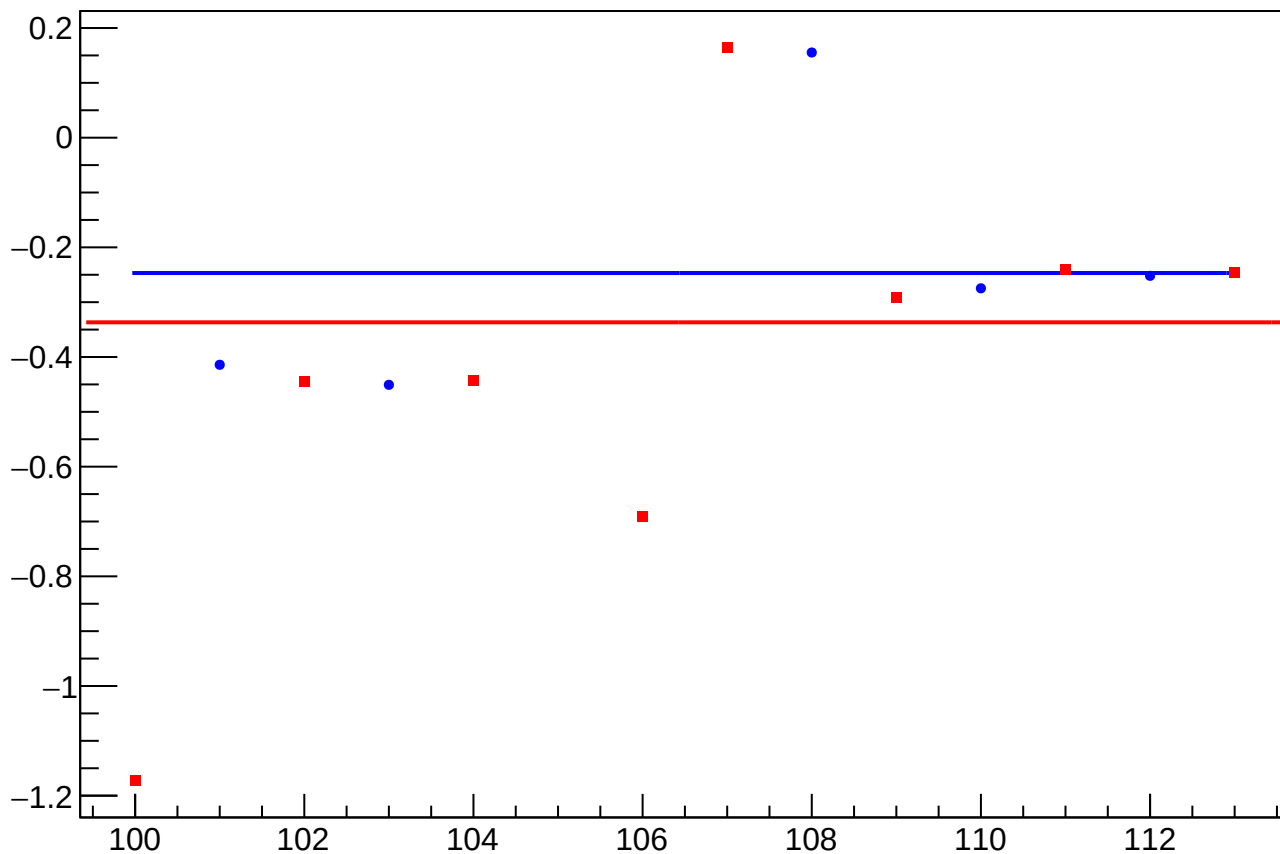
Right: 0.003+/-0.000 χ^2/NDF : 125607.9/12

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 : 125607.9/12

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: -0.337+/-0.000 χ^2/NDF : 1429923274.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

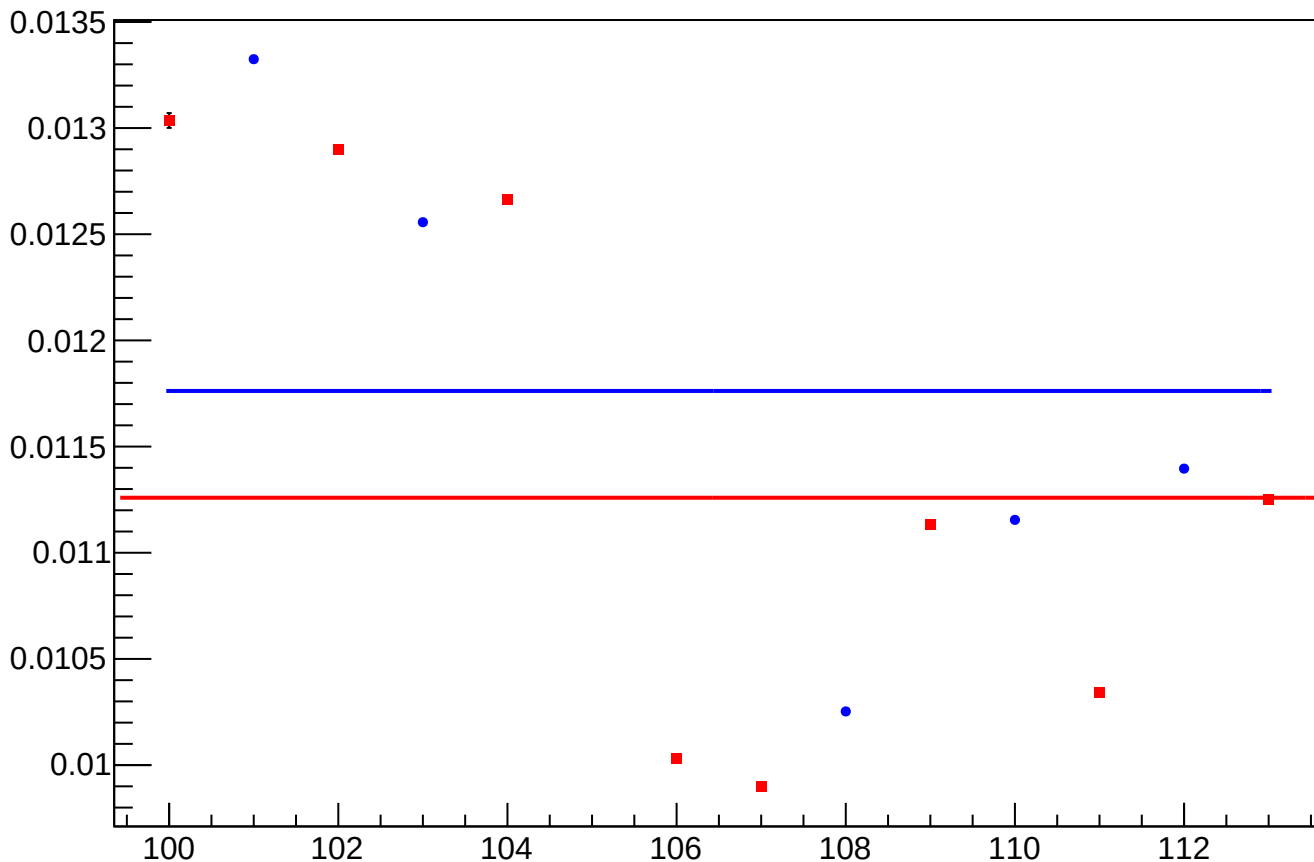
Right: -0.299+/-0.000 χ^2/NDF : 2365367386.0/12

In: -0.247+/-0.000 χ^2/NDF :852128067.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.299+/-0.000 χ^2/NDF : 2365367386.0/1

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 : 60668.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

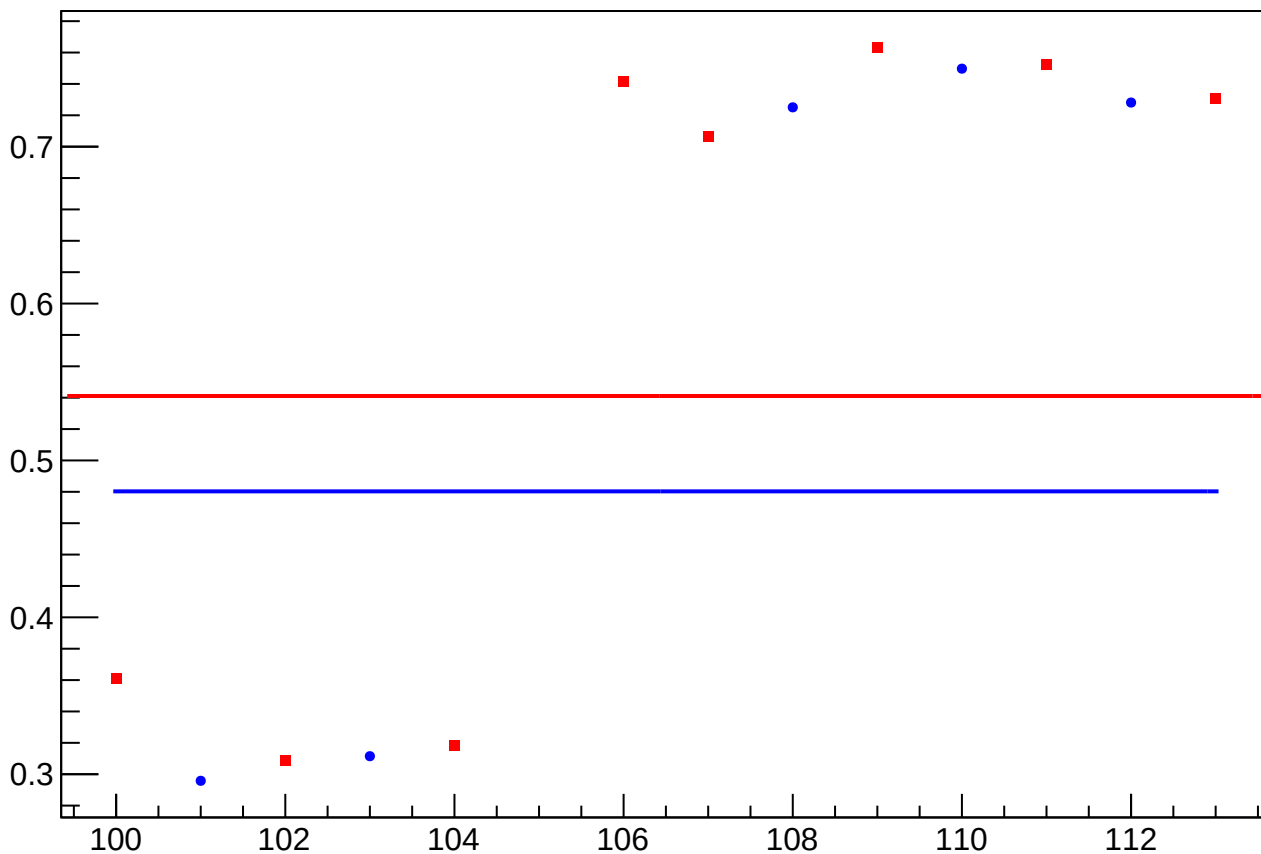
Right: 0.011+/-0.000 χ^2/NDF : 107996.6/12

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 : 107996.6/12

yield_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: 0.480+/-0.000

χ^2/NDF : 16216365187.3/4

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.514+/-0.000 χ^2/NDF : 37133877885.5/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.480+/-0.000 χ^2/NDF : 16216365187.3/4

Right Out: 0.541+/-0.000 χ^2/NDF : 20182962992.9/7

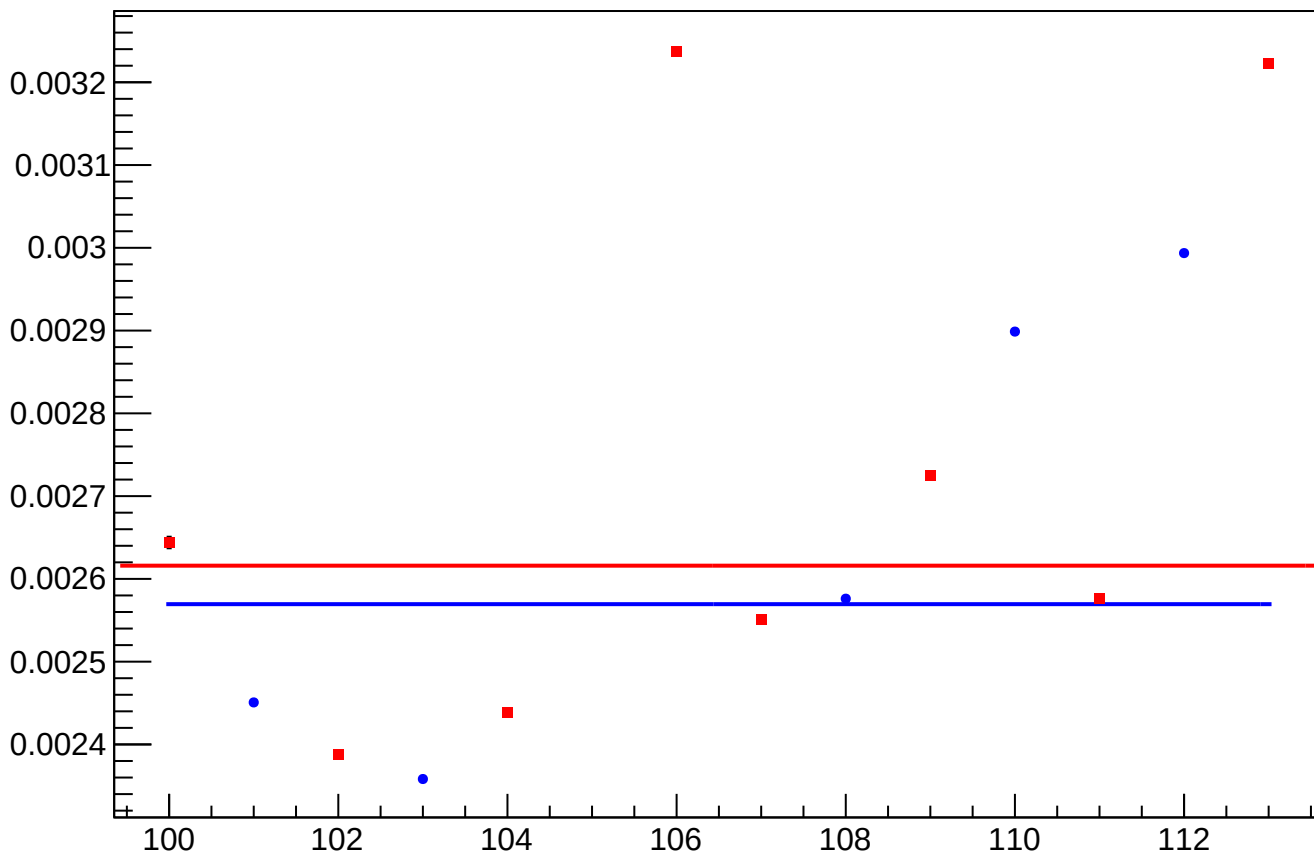
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.514+/-0.000 χ^2/NDF : 37133877885.5/12

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 : 65508.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

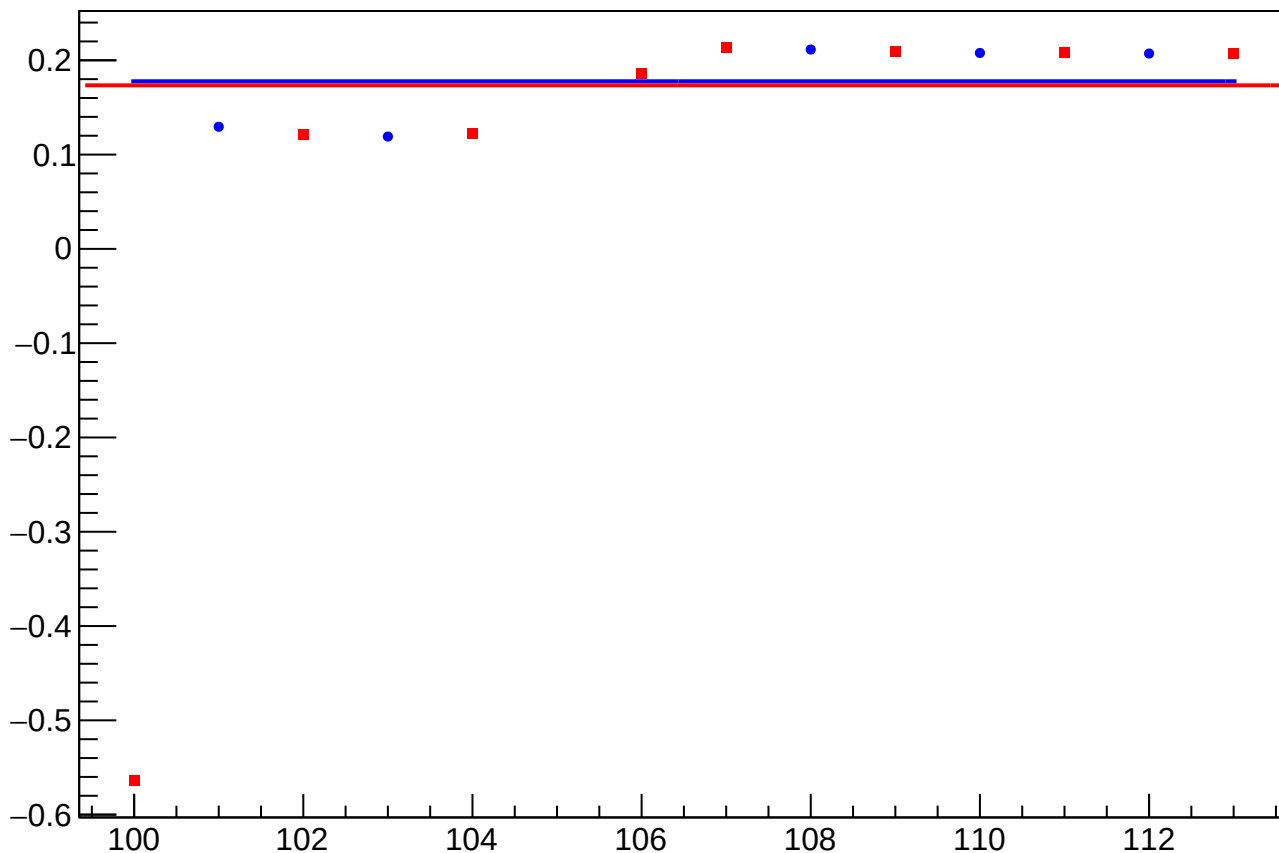
Right: 0.003+/-0.000 χ^2/NDF : 105920.3/12

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 : 105920.3/12

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: 0.173+/-0.000

χ^2/NDF : 322268648.8/7

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.175+/-0.000

χ^2/NDF : 360591583.9/12

In: 0.178+/-0.000

χ^2/NDF : 38073096.5/4

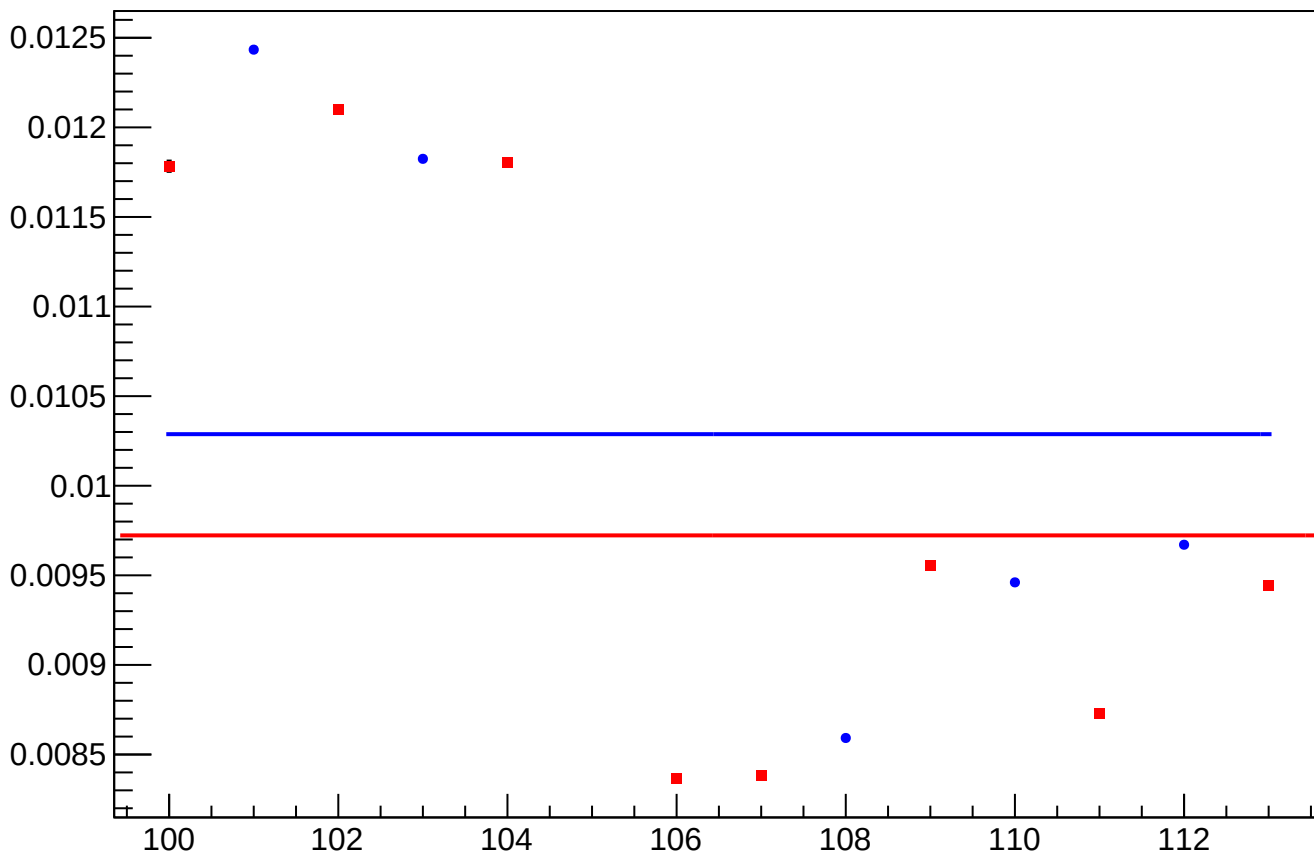
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.175+/-0.000

χ^2/NDF : 360591583.9/12

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 : 125005.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

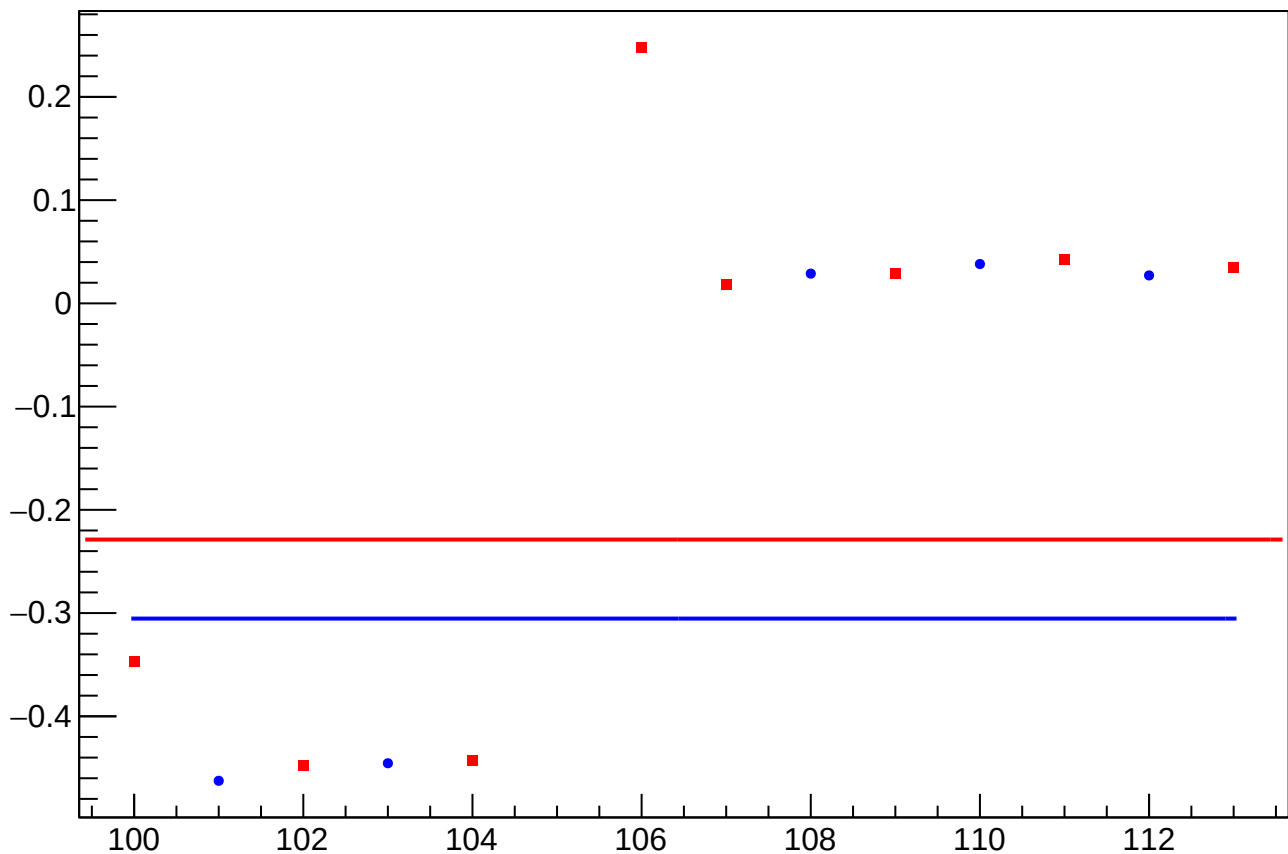
Right: 0.010+/-0.000 χ^2/NDF : 230803.2/12

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 : 230803.2/12

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: -0.229+/-0.000 χ^2/NDF : 10080882642.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

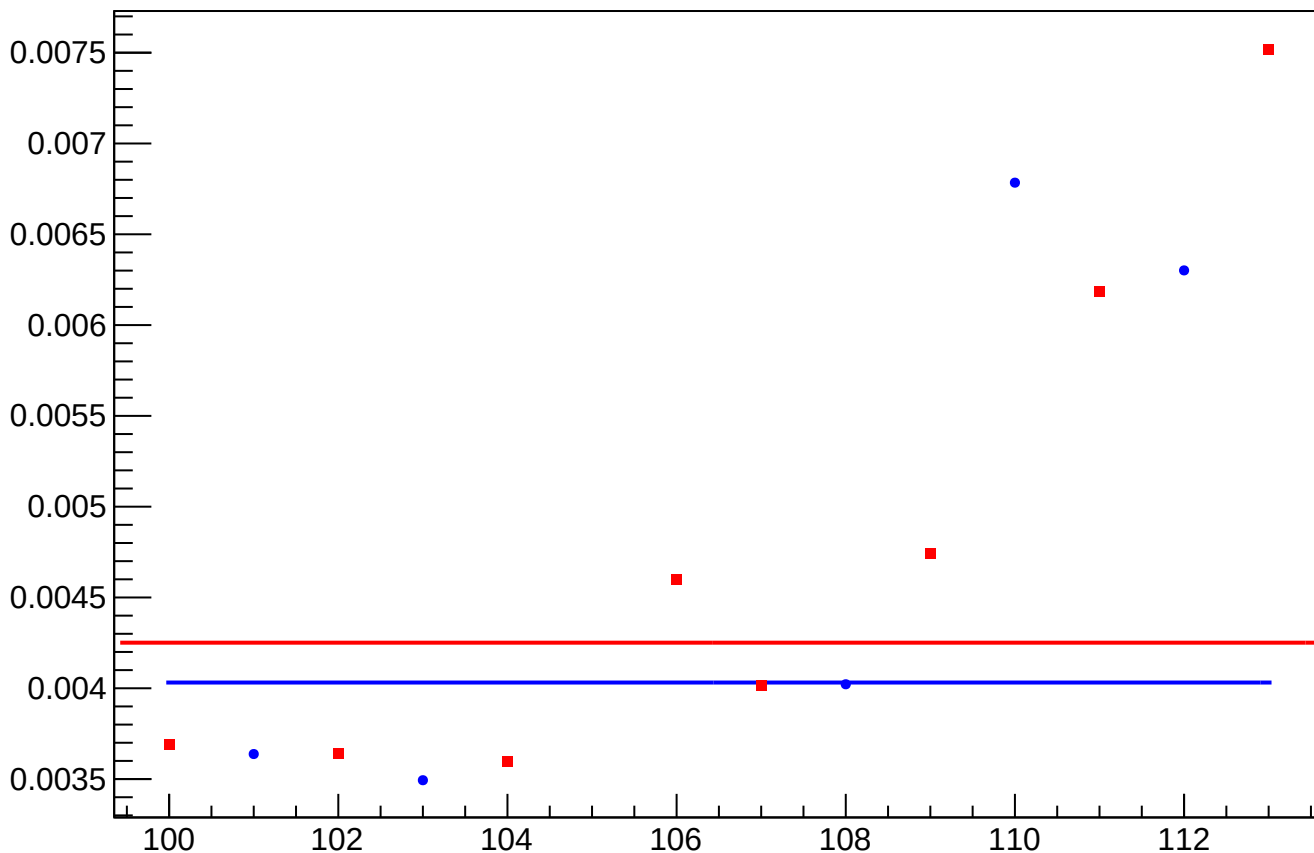
Right: -0.265+/-0.000 χ^2/NDF : 17420703647.5/12

In: -0.305+/-0.000 χ^2/NDF :6908740868.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.265+/-0.000 χ^2/NDF : 17420703647.5/12

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 : 329820.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

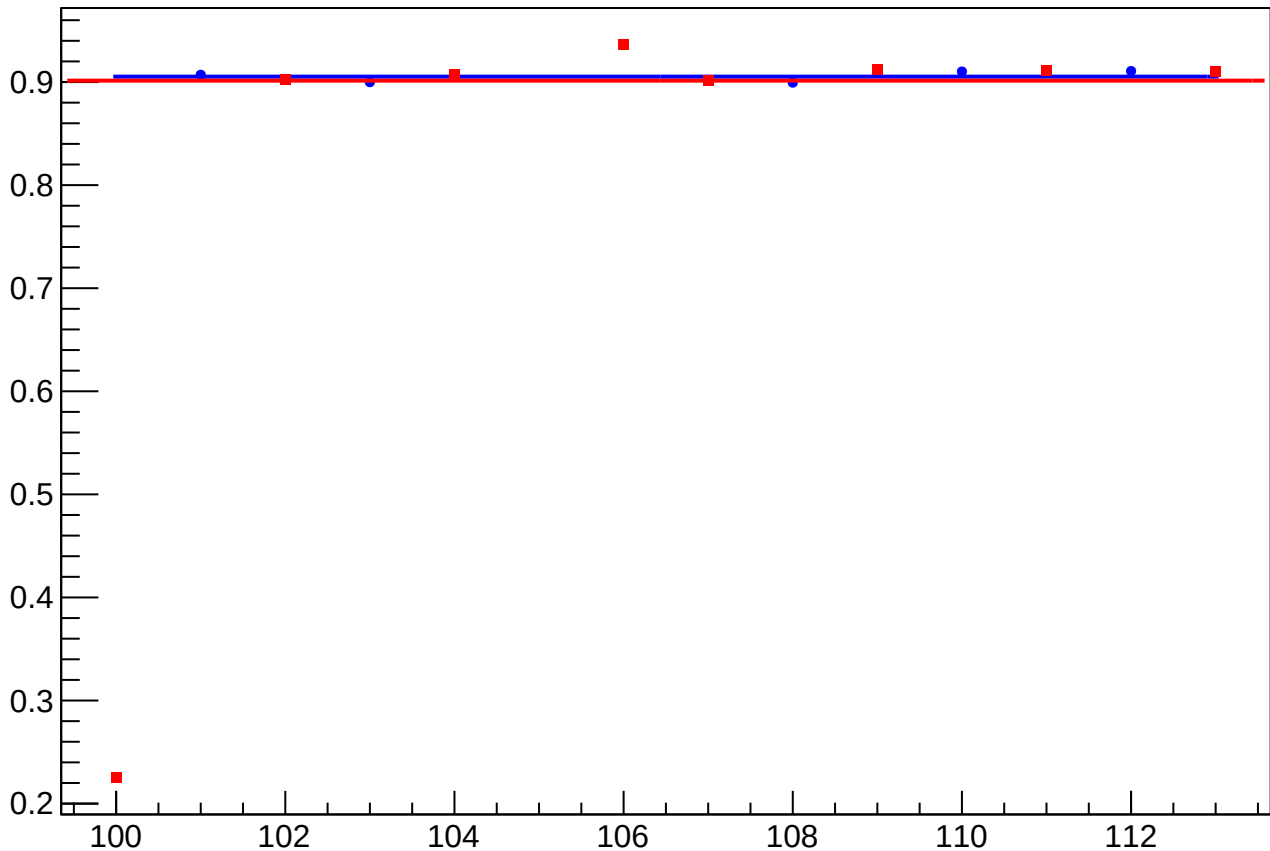
Right: 0.004+/-0.000 χ^2/NDF : 602720.0/12

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 : 602720.0/12

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: 0.901+/-0.000 χ^2/NDF : 216519306.2/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

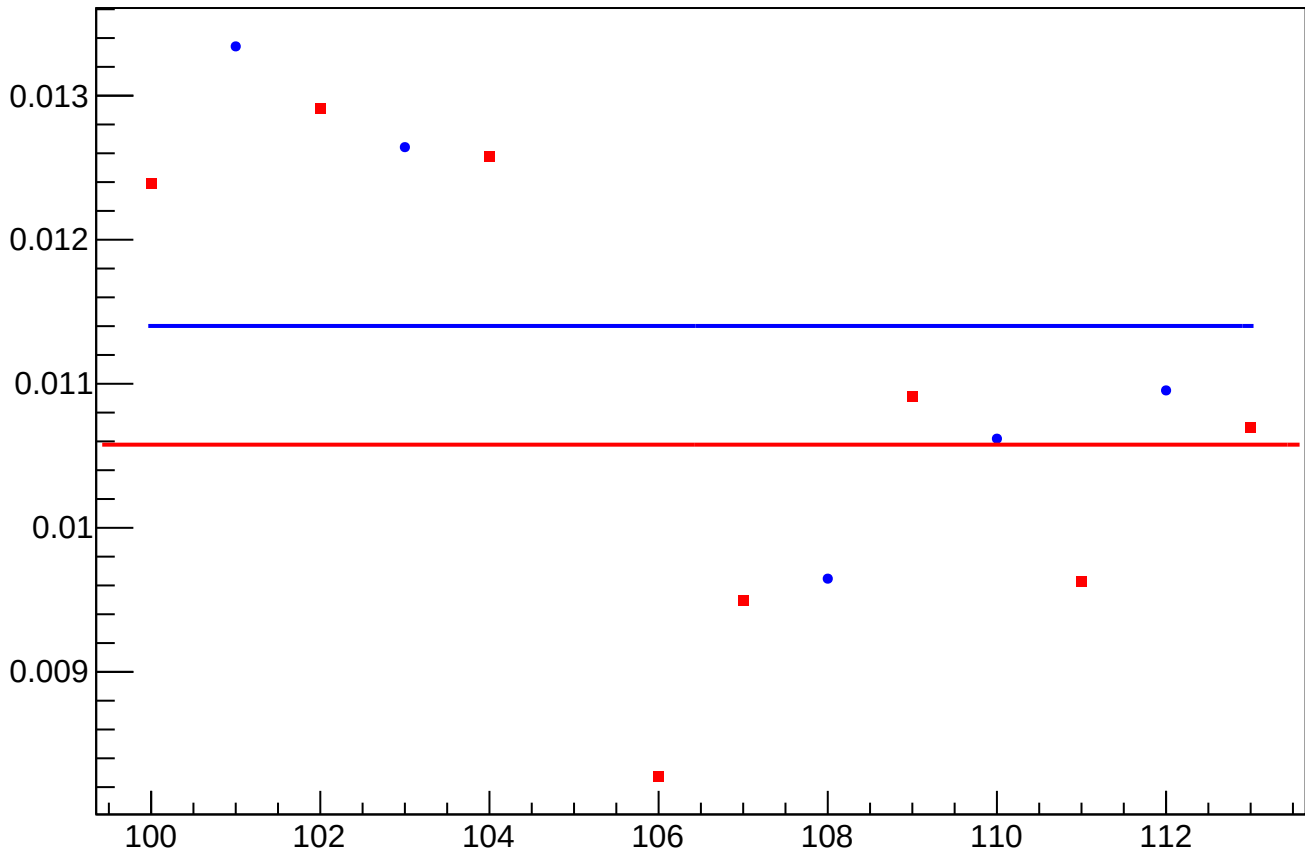
Right: 0.903+/-0.000 χ^2/NDF : 217139289.6/12

In: 0.905+/-0.000 χ^2/NDF :454023.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.903+/-0.000 χ^2/NDF : 217139289.6/12

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 : 133379.8/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

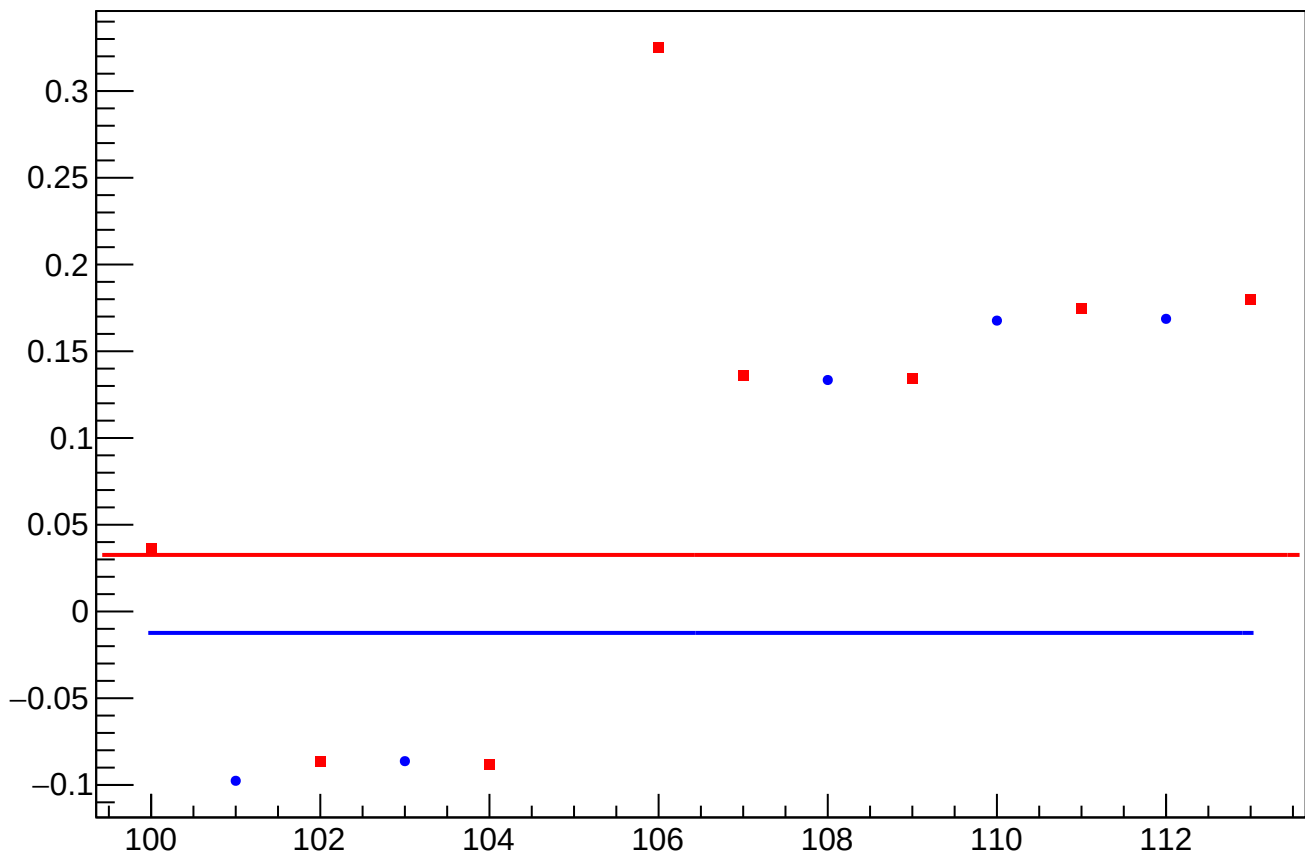
Right: 0.011+/-0.000 χ^2/NDF : 217434.5/12

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 : 217434.5/12

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -0.012+/-0.000

χ^2/NDF : 1507076038.8/4

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.012+/-0.000

χ^2/NDF : 4108518133.9/12

Right Out: 0.033+/-0.000

χ^2/NDF : 2473906185.5/7

In: -0.012+/-0.000

χ^2/NDF : 1507076038.8/4

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

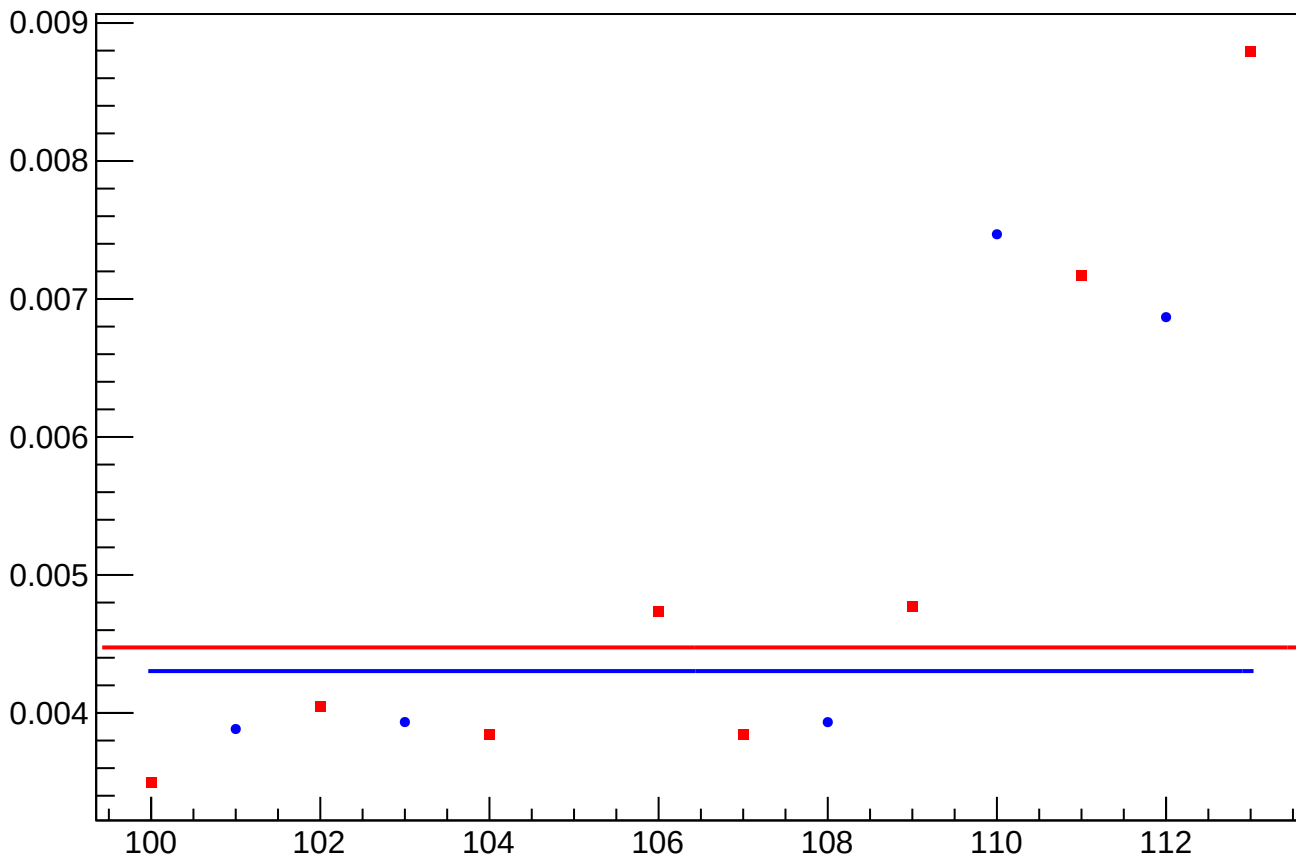
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.012+/-0.000

χ^2/NDF : 4108518133.9/12

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 : 383644.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

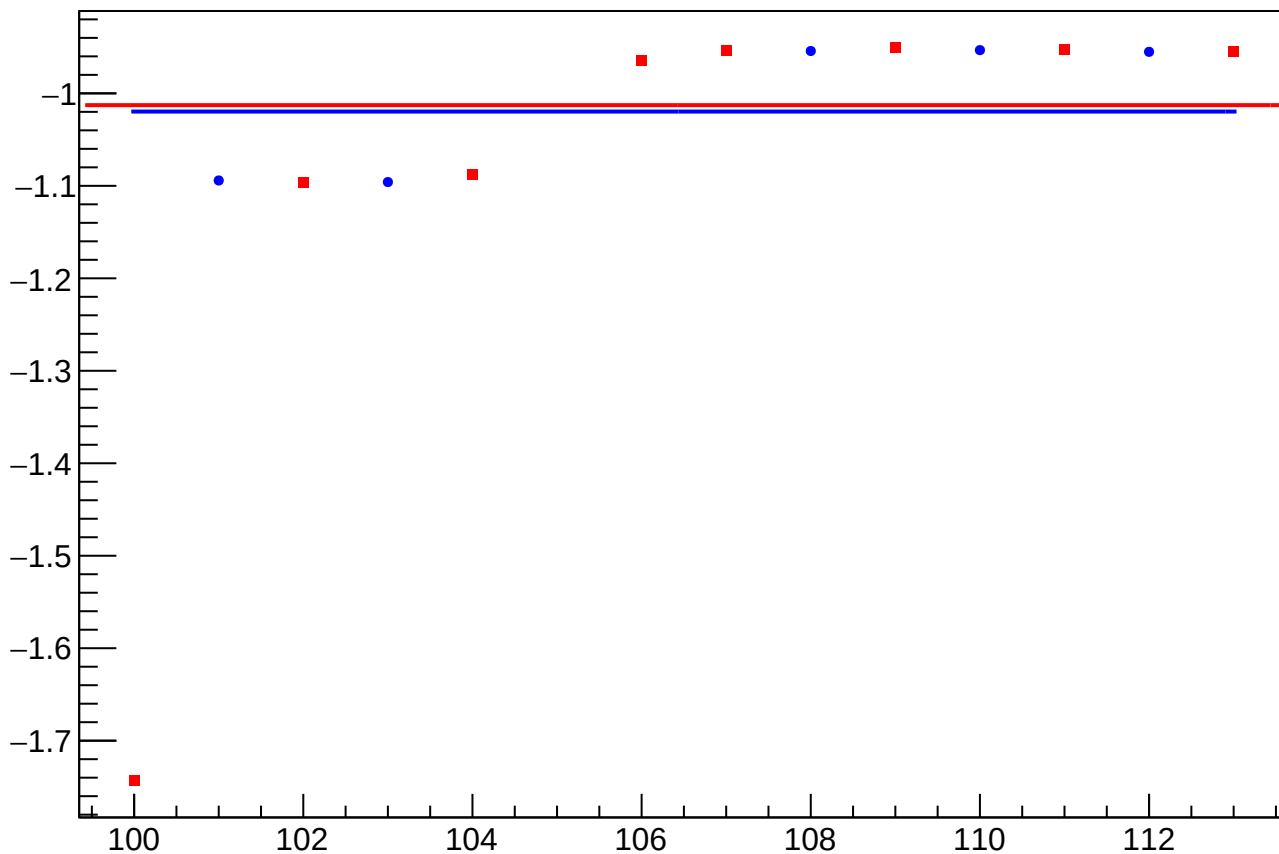
Right: 0.004+/-0.000 χ^2/NDF : 646749.8/12

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 : 646749.8/12

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: -1.013+/-0.000 χ^2/NDF : 387877475.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

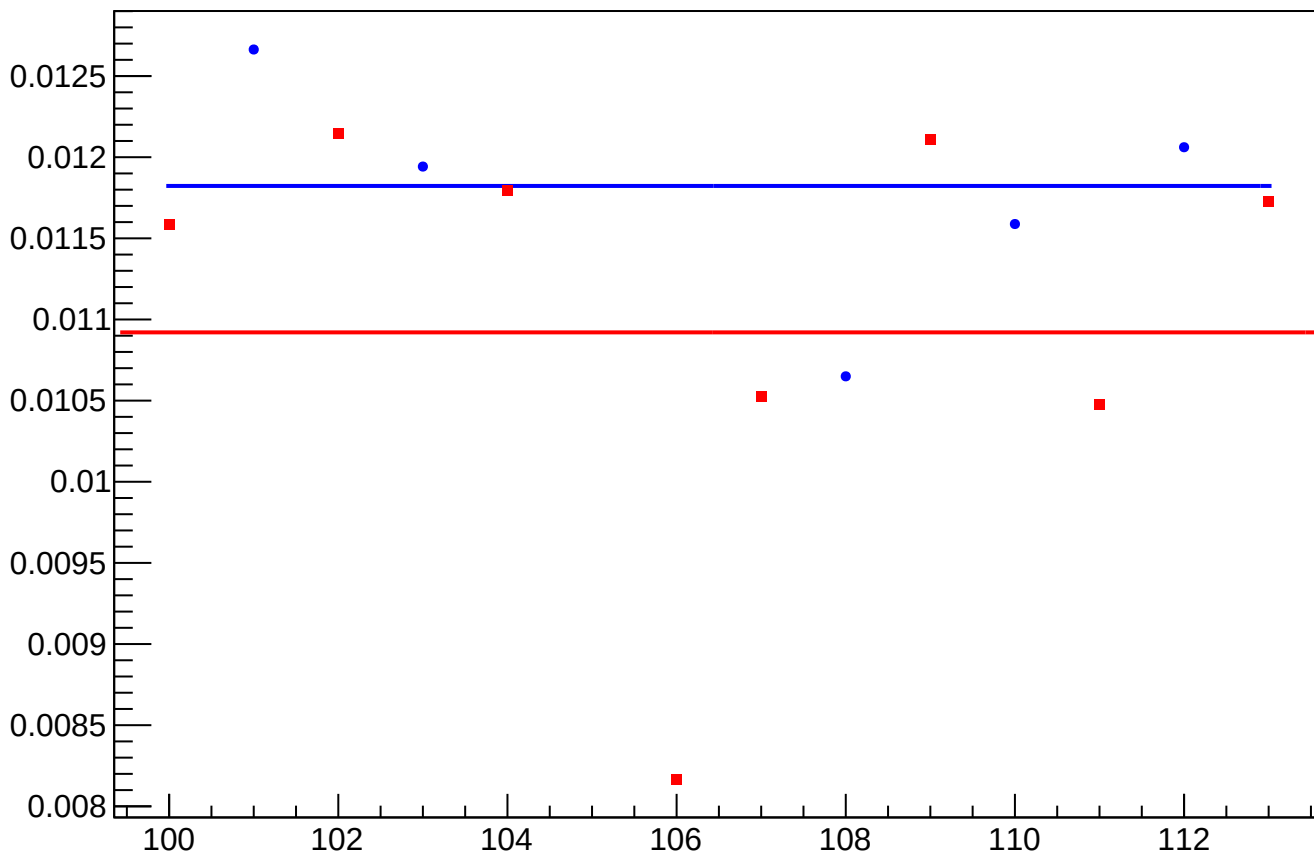
Right: -1.016+/-0.000 χ^2/NDF : 473923225.3/12

In: -1.020+/-0.000 χ^2/NDF : 85546736.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.016+/-0.000 χ^2/NDF : 473923225.3/12

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: 106344.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

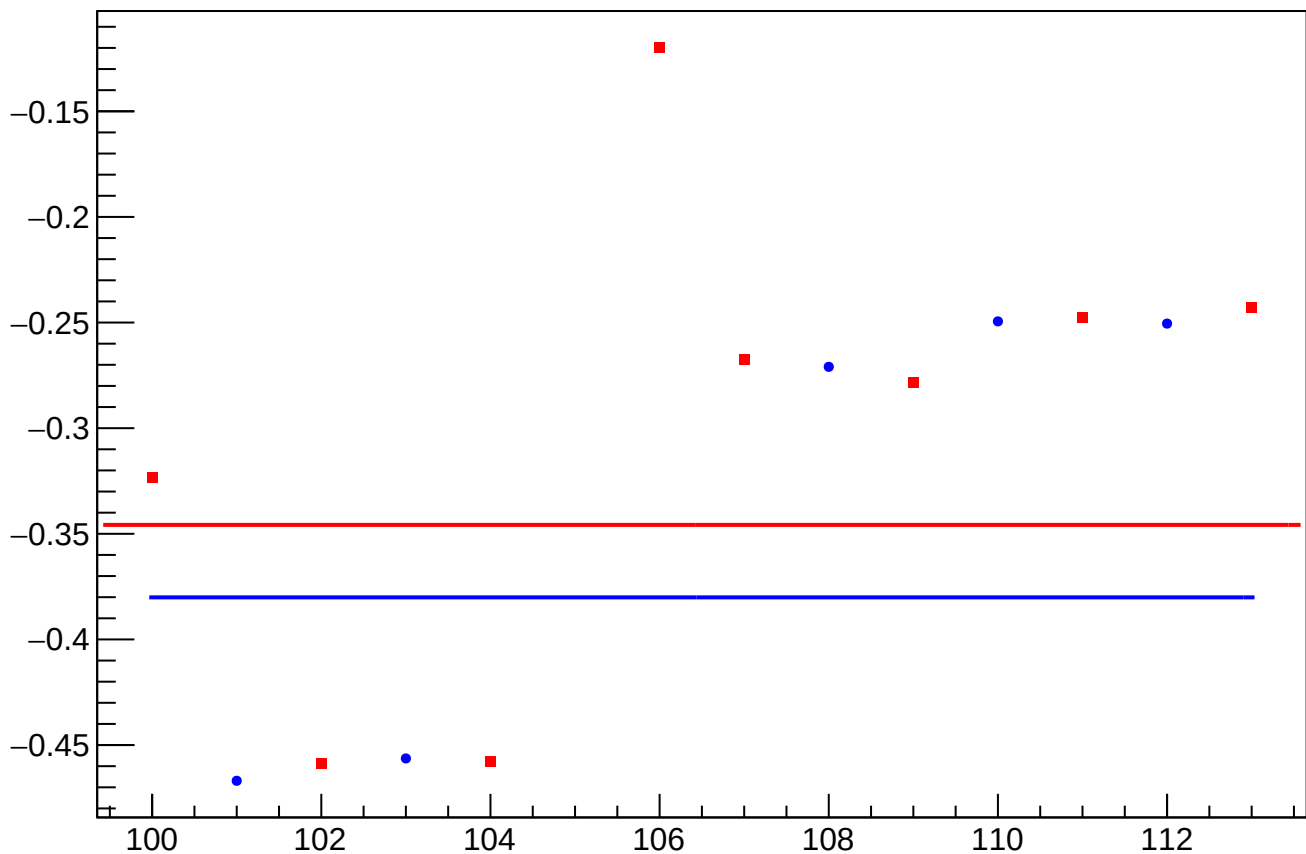
Right: 0.011 $\pm$ 0.000 χ^2 /NDF: 138902.4/12

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: 138902.4/12

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: -0.346+/-0.000 χ^2/NDF : 2040954047.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

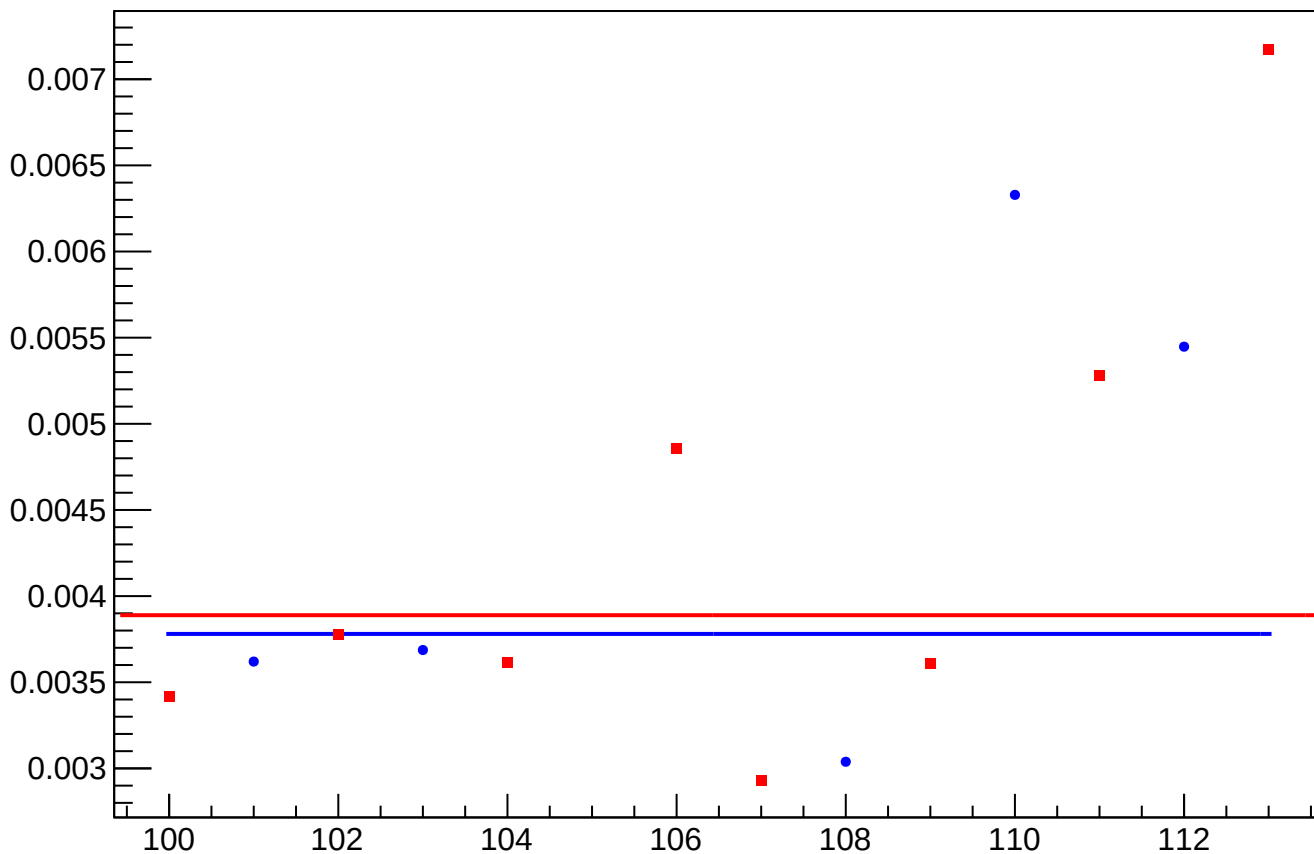
Right: -0.362+/-0.000 χ^2/NDF : 3611912666.0/12

In: -0.380+/-0.000 χ^2/NDF :1472860200.9/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.362+/-0.000 χ^2/NDF : 3611912666.0/1

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 : 312945.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

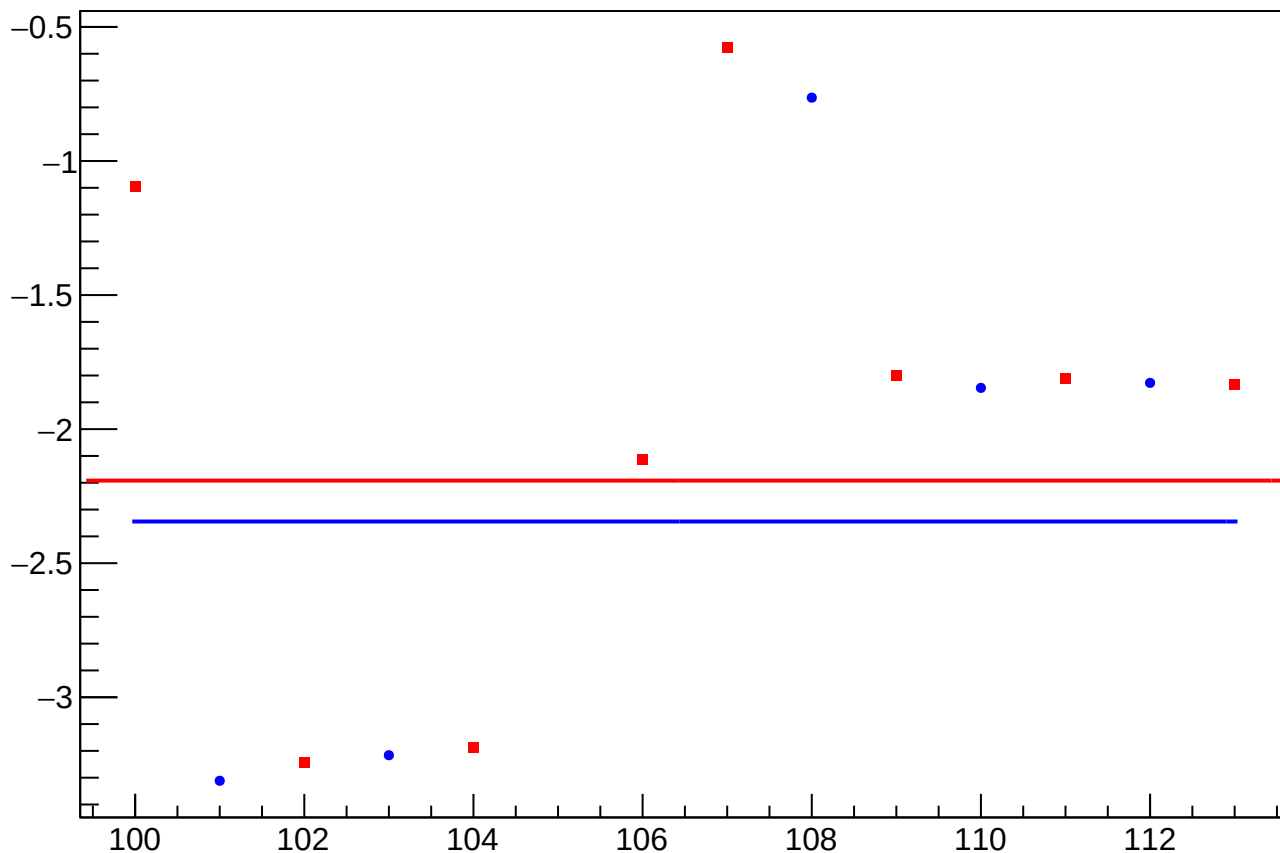
Right: 0.004+/-0.000 χ^2/NDF : 542178.1/12

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 : 542178.1/12

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: -2.192+/-0.000 χ^2/NDF : 417359833.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

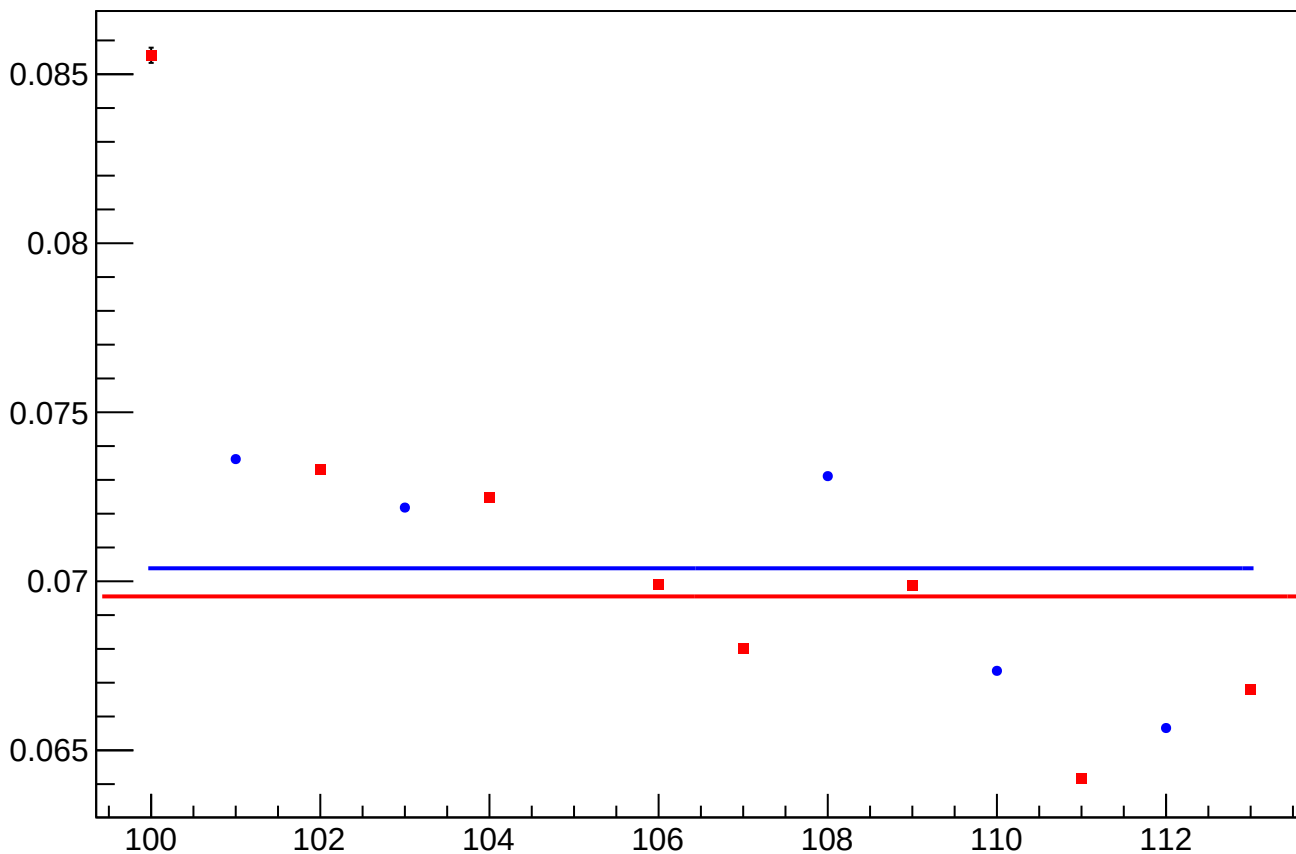
Right: -2.258+/-0.000 χ^2/NDF : 858649125.3/12

In: -2.345+/-0.000 χ^2/NDF :434601434.2/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.258+/-0.000 χ^2/NDF : 858649125.3/12

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 : 18221.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

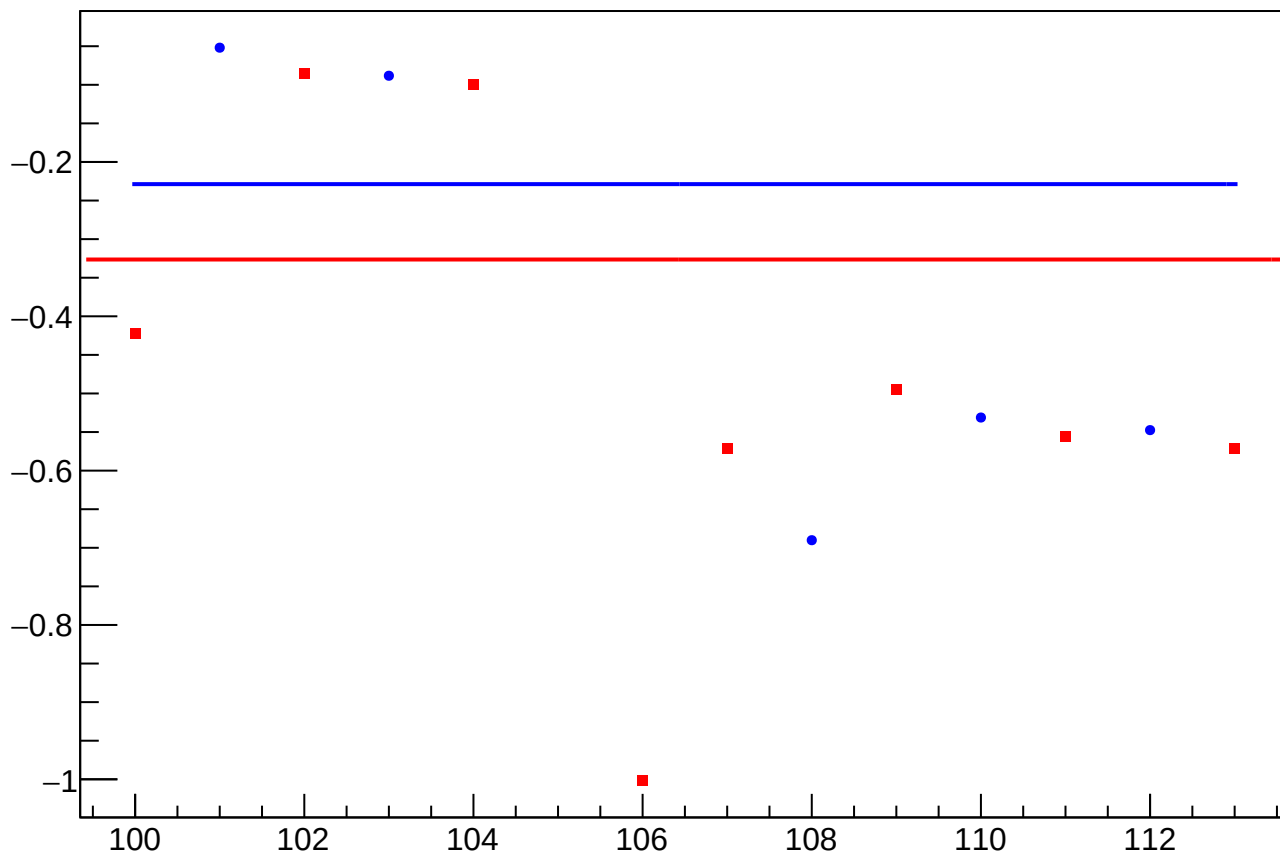
Right: 0.070+/-0.000 χ^2/NDF : 29626.8/12

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 : 29626.8/12

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: -0.326+/-0.000 χ^2/NDF : 2219980696.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

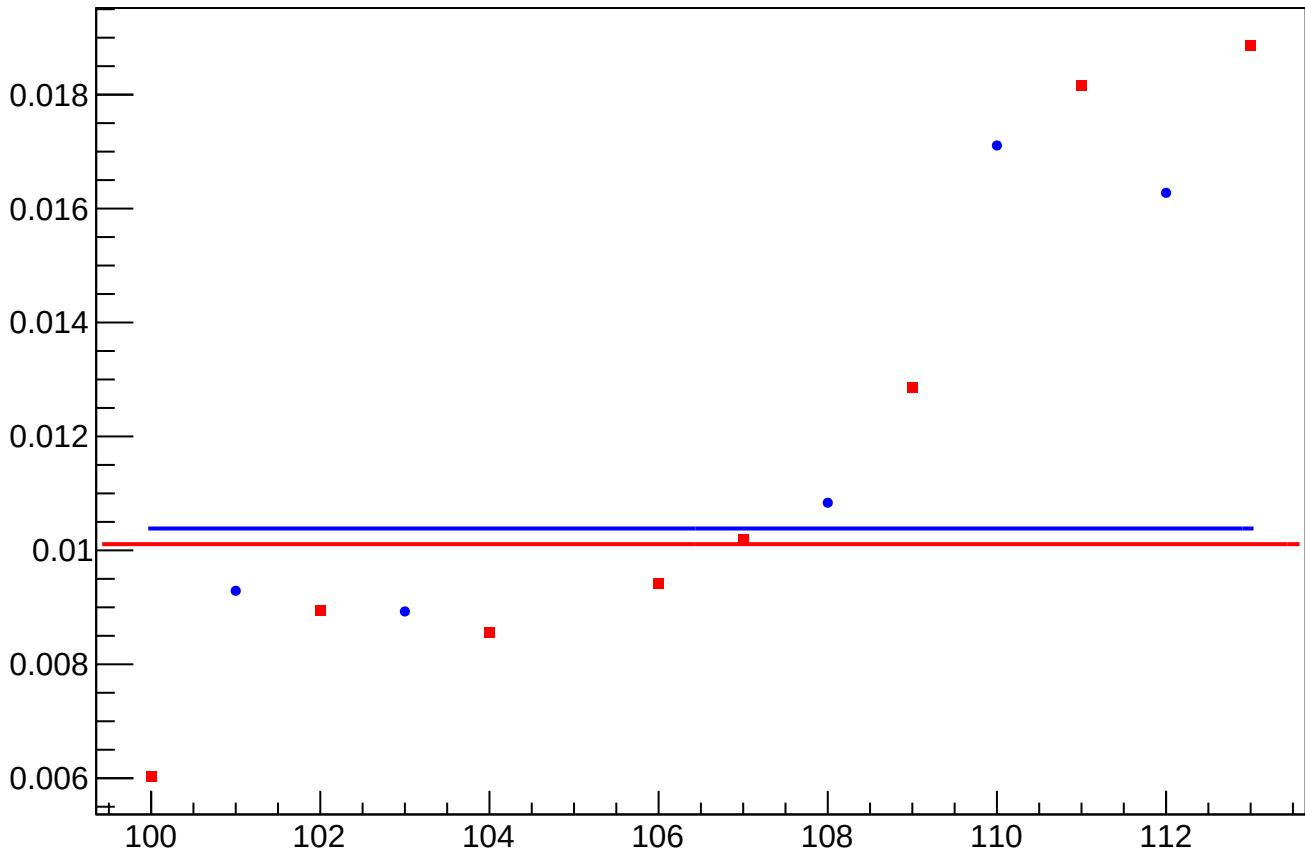
Right: -0.284+/-0.000 χ^2/NDF : 3641056947.4/12

In: -0.229+/-0.000 χ^2/NDF :1310668647.2/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.284+/-0.000 χ^2/NDF : 3641056947.4/12

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 : 515381.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

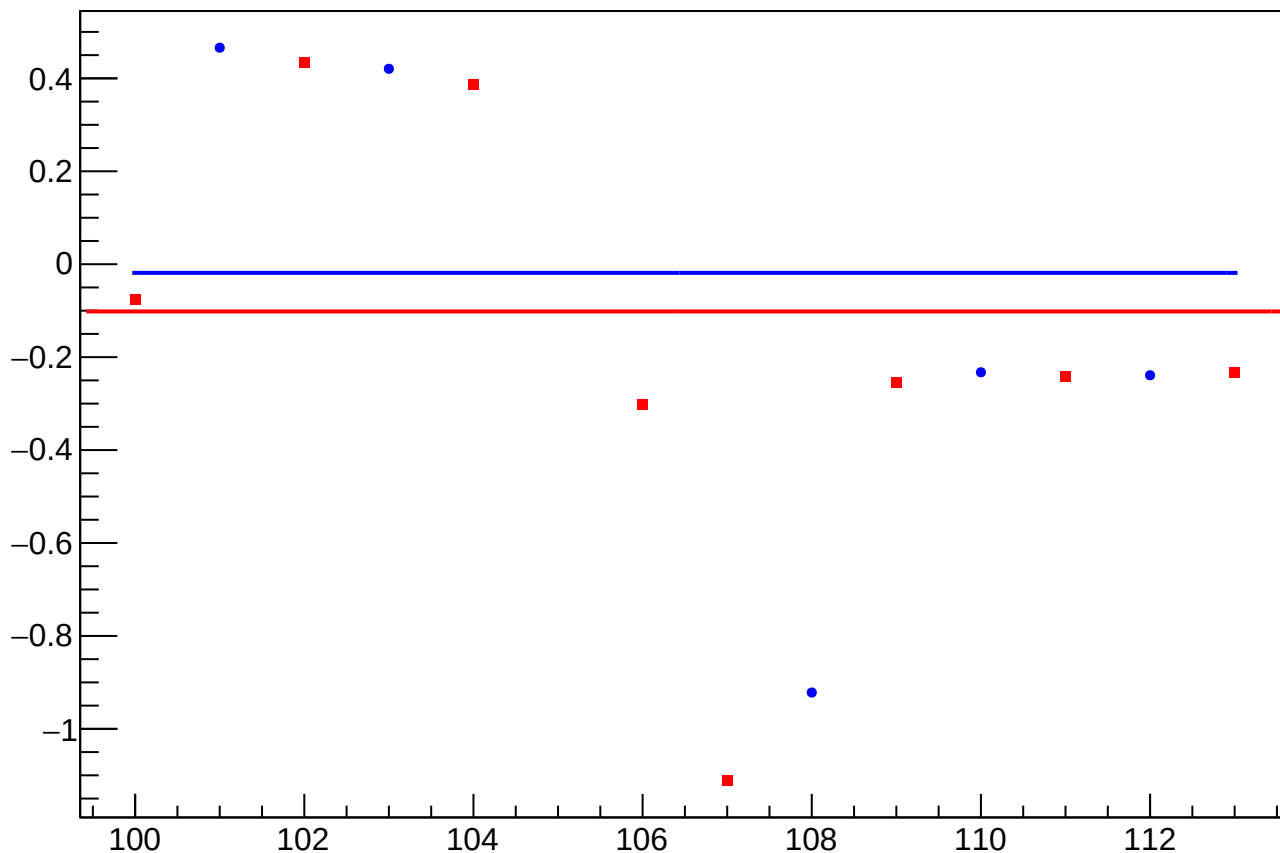
Right: 0.010+/-0.000 χ^2/NDF : 781280.2/12

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 : 781280.2/12

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: -0.102+/-0.000 χ^2/NDF : 78117898.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

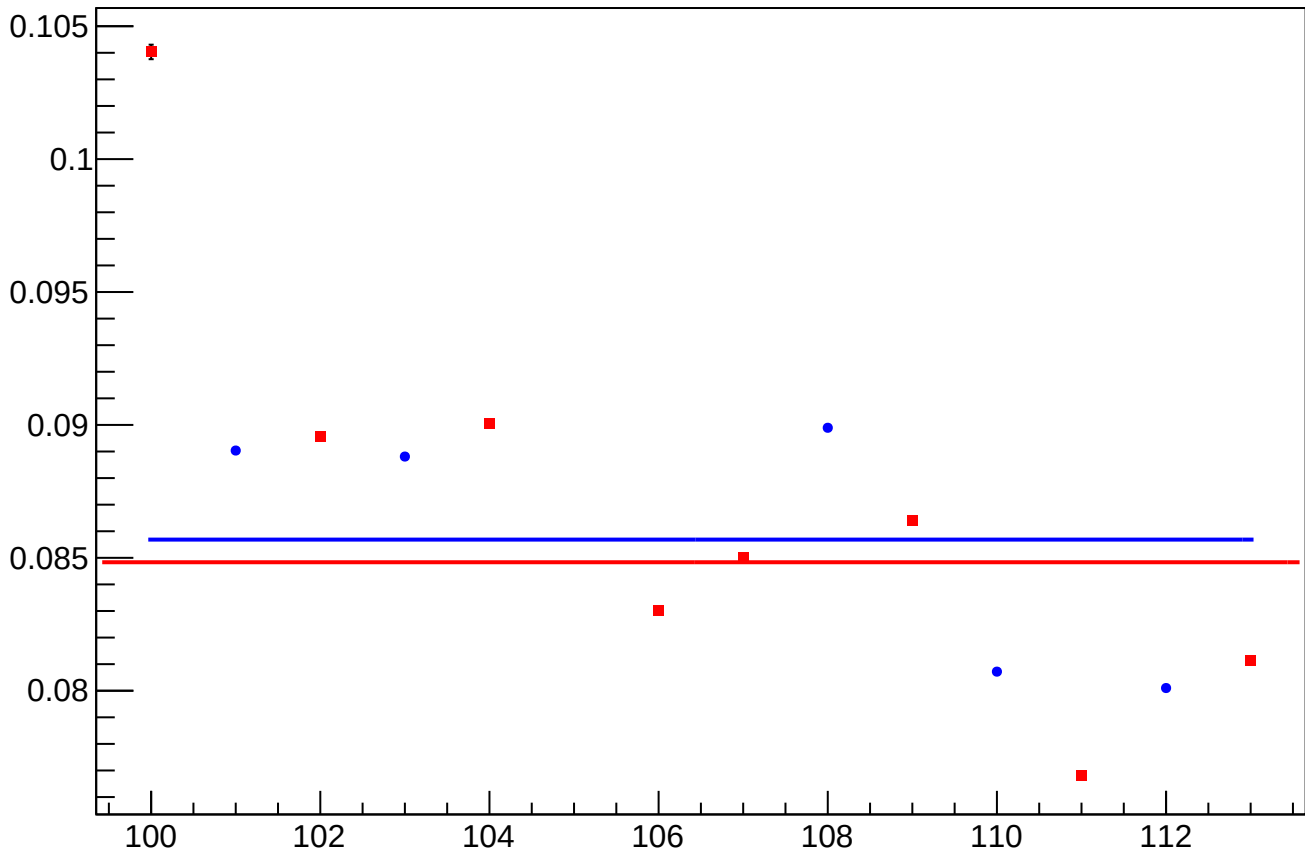
Right: -0.066+/-0.000 χ^2/NDF : 159757381.0/12

In: -0.019+/-0.000 χ^2/NDF : 80296477.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.066+/-0.000 χ^2/NDF : 159757381.0/12

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: 0.085+/-0.000 χ^2/NDF : 24360.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

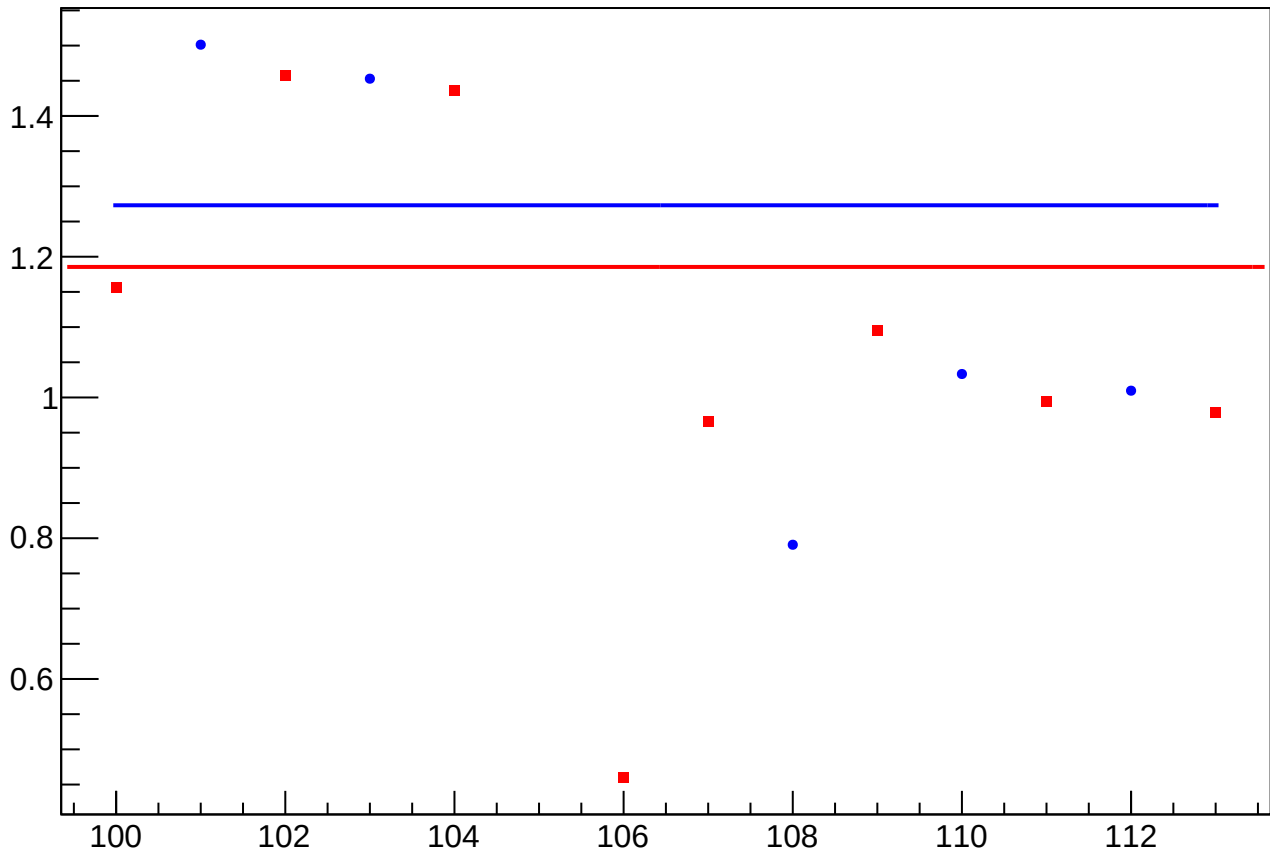
Right: 0.085+/-0.000 χ^2/NDF : 37403.9/12

In: 0.086+/-0.000 χ^2/NDF : 12761.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.085+/-0.000 χ^2/NDF : 37403.9/12

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: 1.185+/-0.000 χ^2/NDF : 1290720206.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

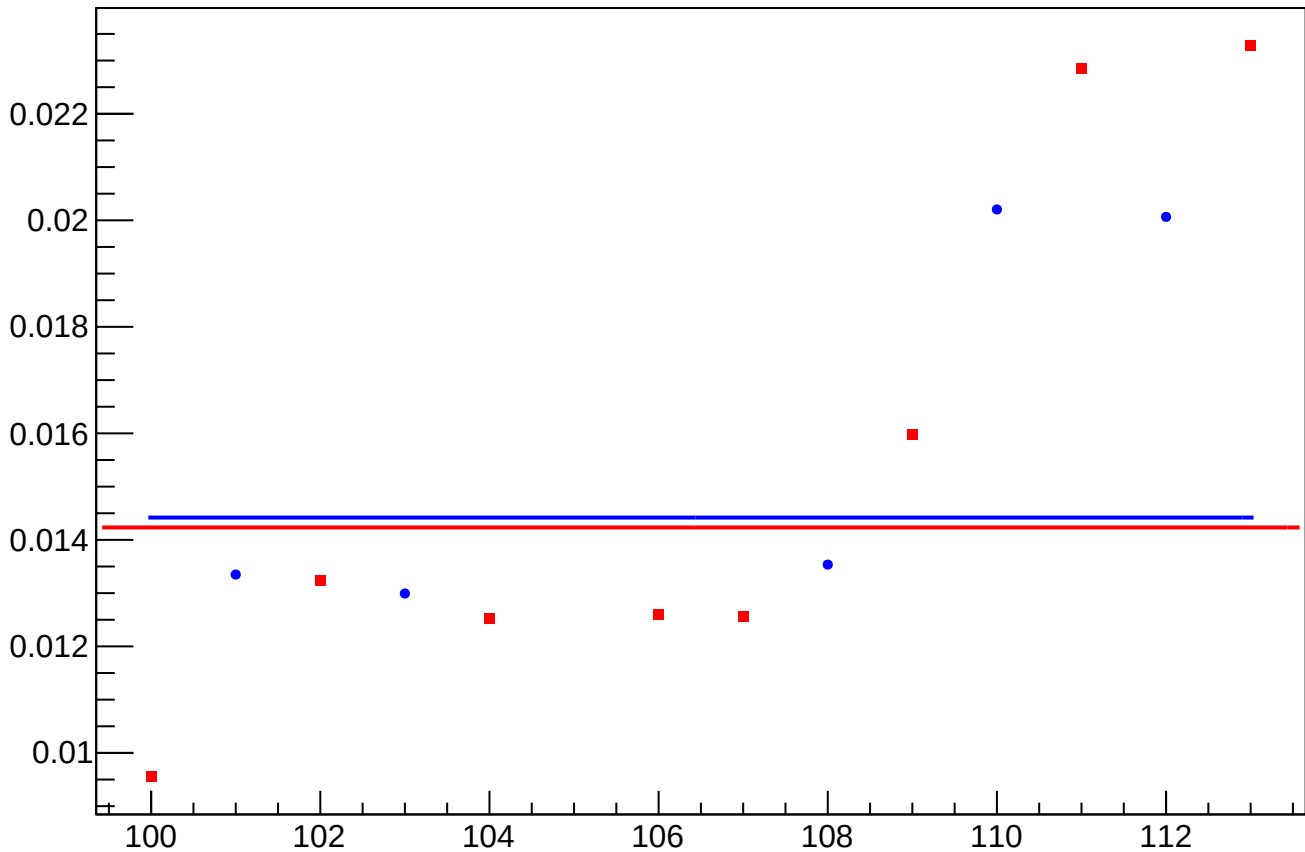
Right: 1.224+/-0.000 χ^2/NDF : 2221128780.5/12

In: 1.273+/-0.000 χ^2/NDF : 883658820.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.224+/-0.000 χ^2/NDF : 2221128780.5/12

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 : 331117.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

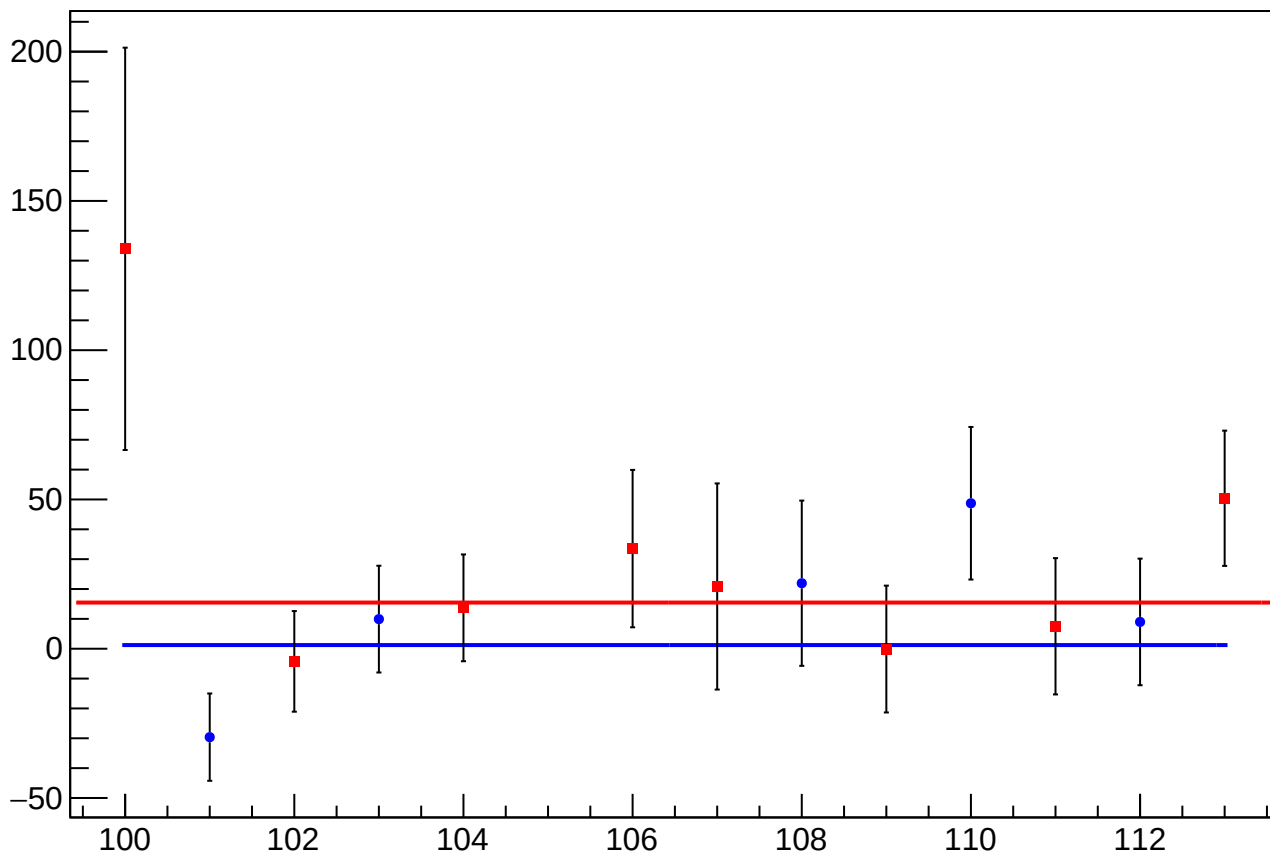
Right: 0.014+/-0.000 χ^2/NDF : 477028.7/12

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 : 477028.7/12

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: 1.223 $\pm$ 8.816 χ^2/NDF : 8.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 15.466 $\pm$ 8.104 χ^2/NDF : 8.0/7

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

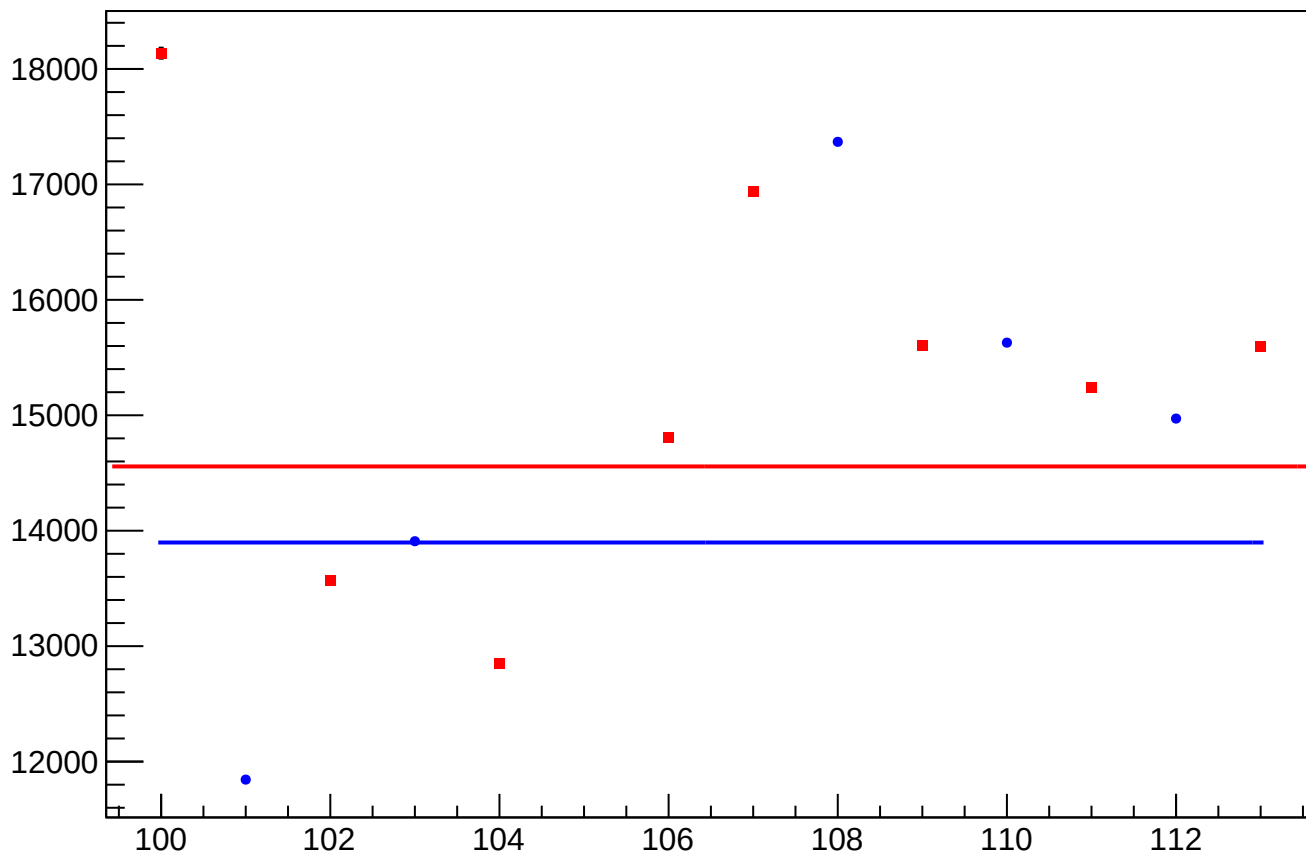
Right: 8.943 $\pm$ 5.966 χ^2/NDF : 18.2/12

In: 1.223 $\pm$ 8.816 χ^2/NDF : 8.8/4

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 8.943 $\pm$ 5.966 χ^2/NDF : 18.2/12

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 13897.989+/-6.234 χ^2/NDF : 85226.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14556.788+/-5.730 χ^2/NDF : 51368.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

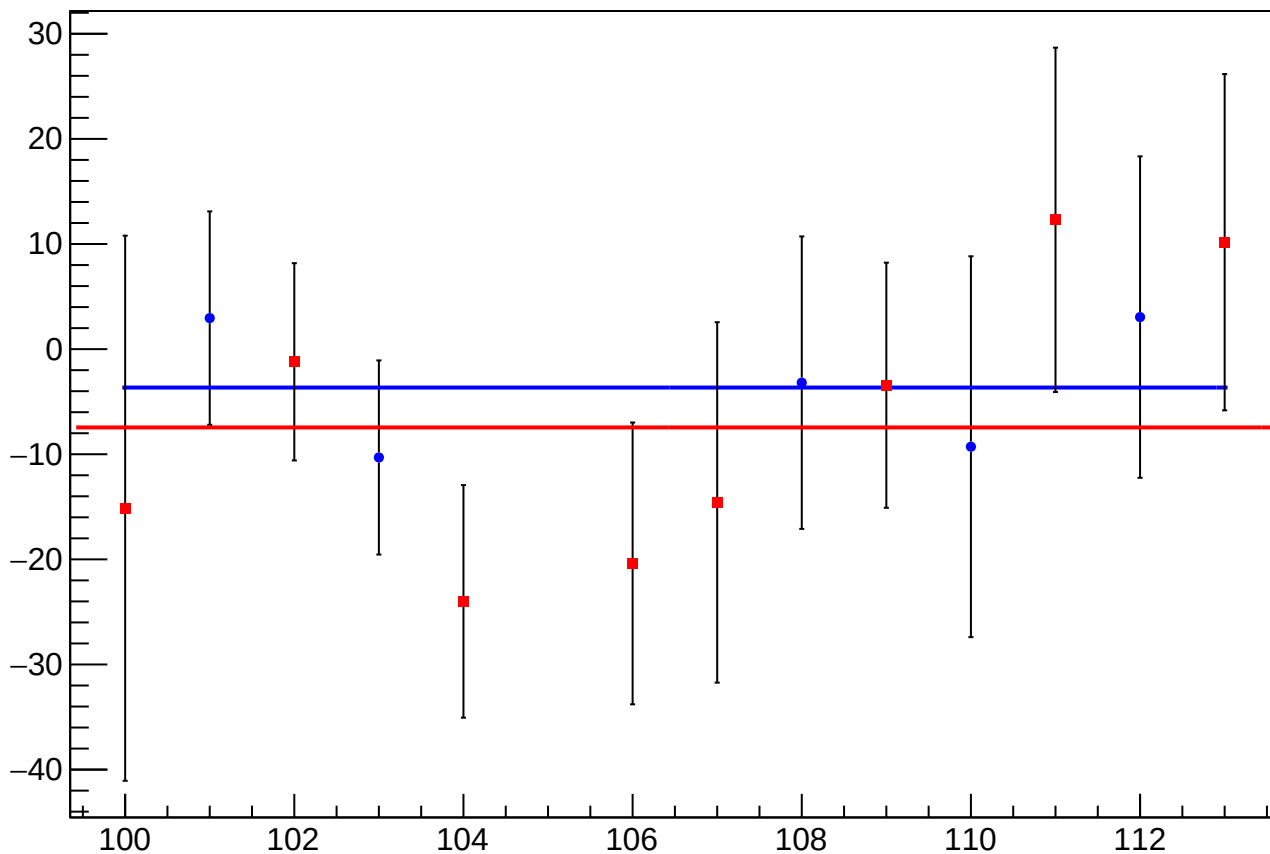
Right: 14255.085+/-4.219 χ^2/NDF : 142647.8/12

In: 13897.989+/-6.234 χ^2/NDF : 85226.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14255.085+/-4.219 χ^2/NDF : 142647.8/12

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: -7.449+/-4.716 χ^2 /NDF: 6.7/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

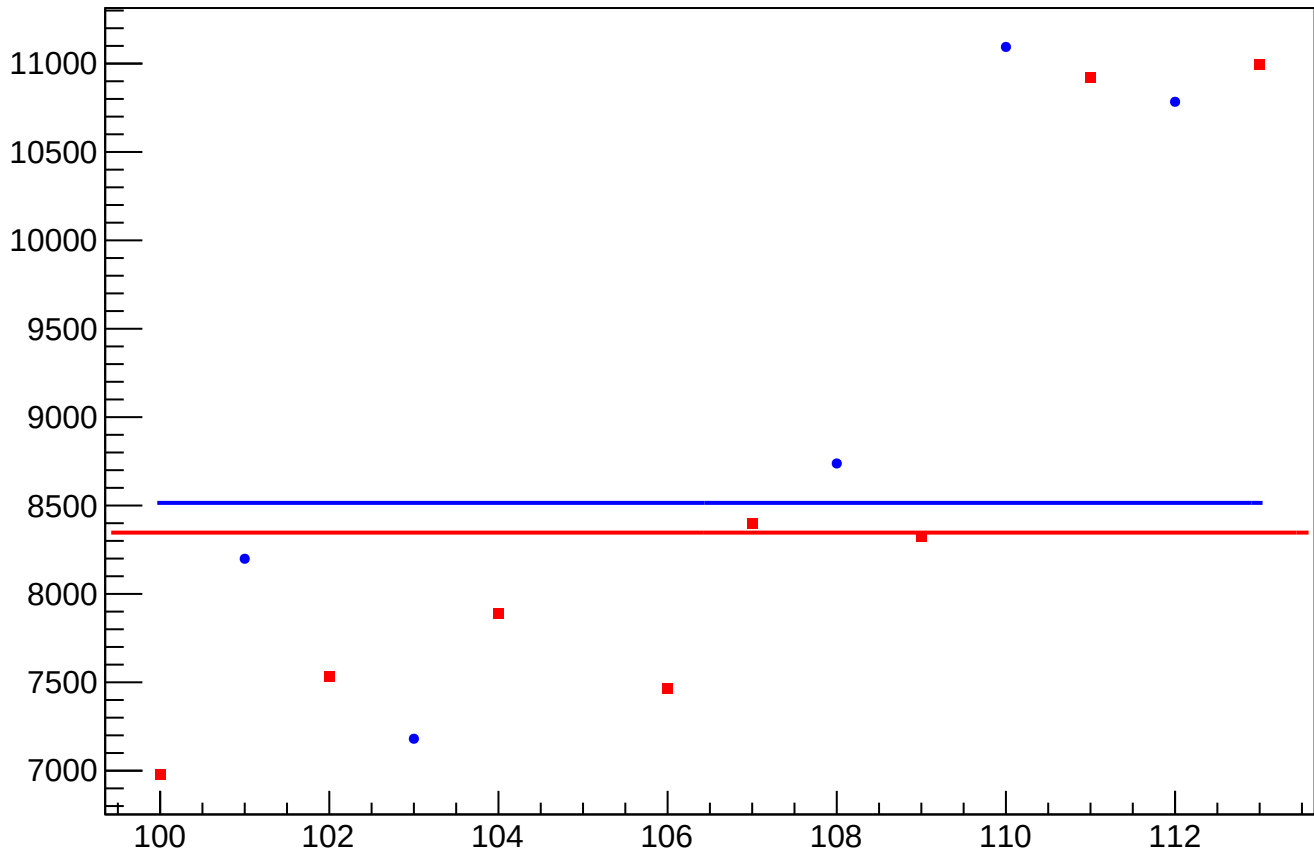
Right: -5.817+/-3.560 χ^2 /NDF: 8.2/12

In: -3.654+/-5.429 χ^2 /NDF:1.2/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -5.817+/-3.560 χ^2 /NDF: 8.2/12

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: 8346.829+/-3.334 χ^2/NDF : 137012.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

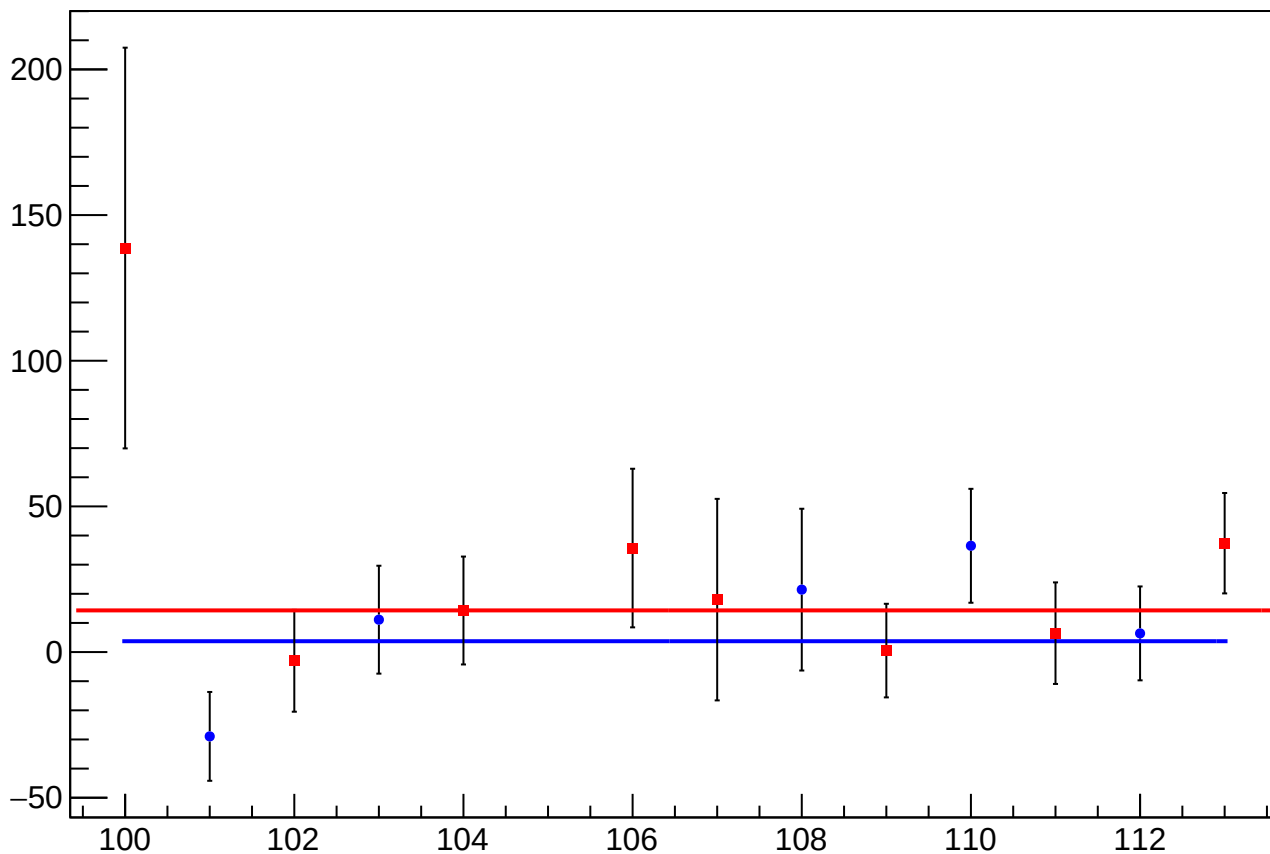
Right: 8419.158+/-2.517 χ^2/NDF : 266889.9/12

In: 8515.043+/-3.839 χ^2/NDF : 128783.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8419.158+/-2.517 χ^2/NDF : 266889.9/12

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: 14.302 $\pm$ 7.232 χ^2 /NDF: 7.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

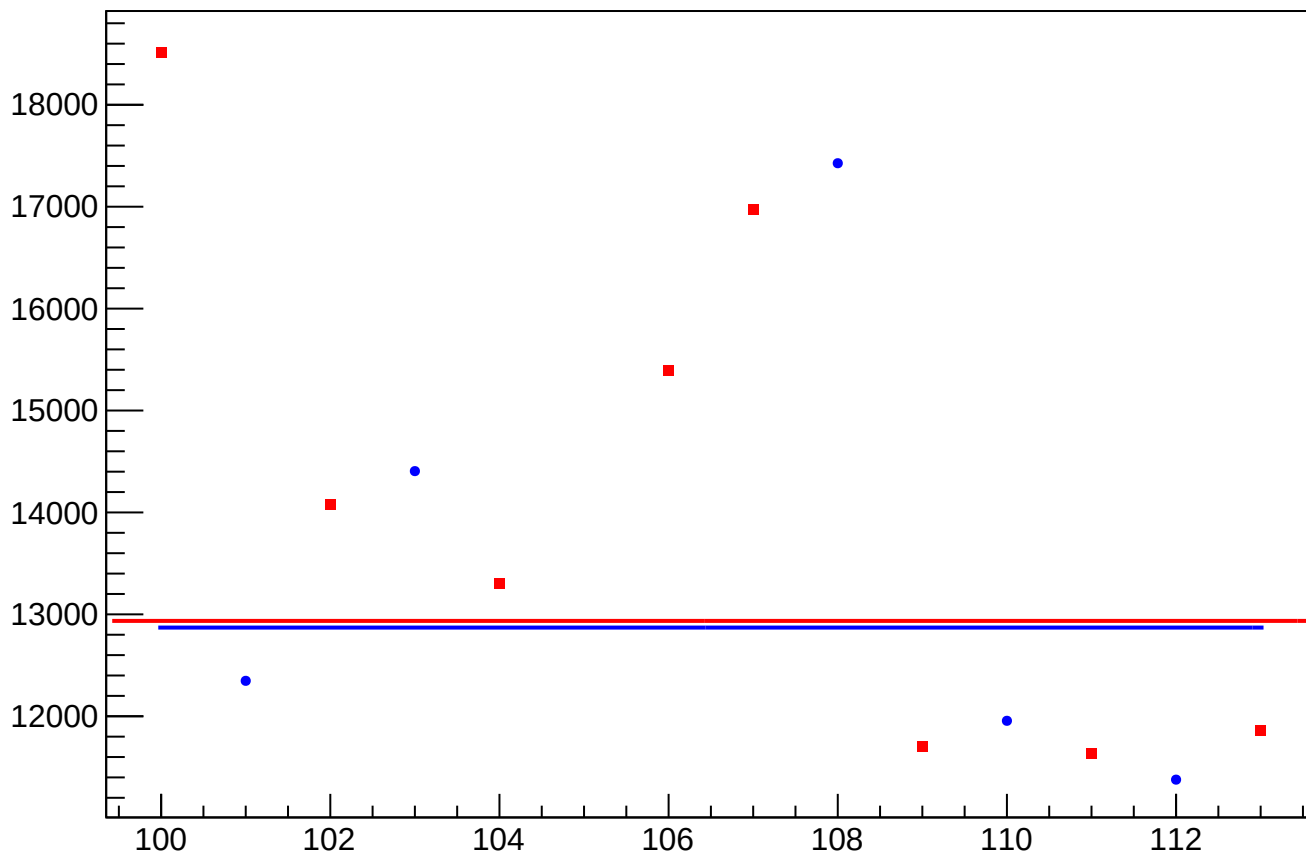
Right: 9.656 $\pm$ 5.415 χ^2 /NDF: 16.5/12

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: 9.656 $\pm$ 5.415 χ^2 /NDF: 16.5/12

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: 12935.767+/-5.114 χ^2/NDF : 96429.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

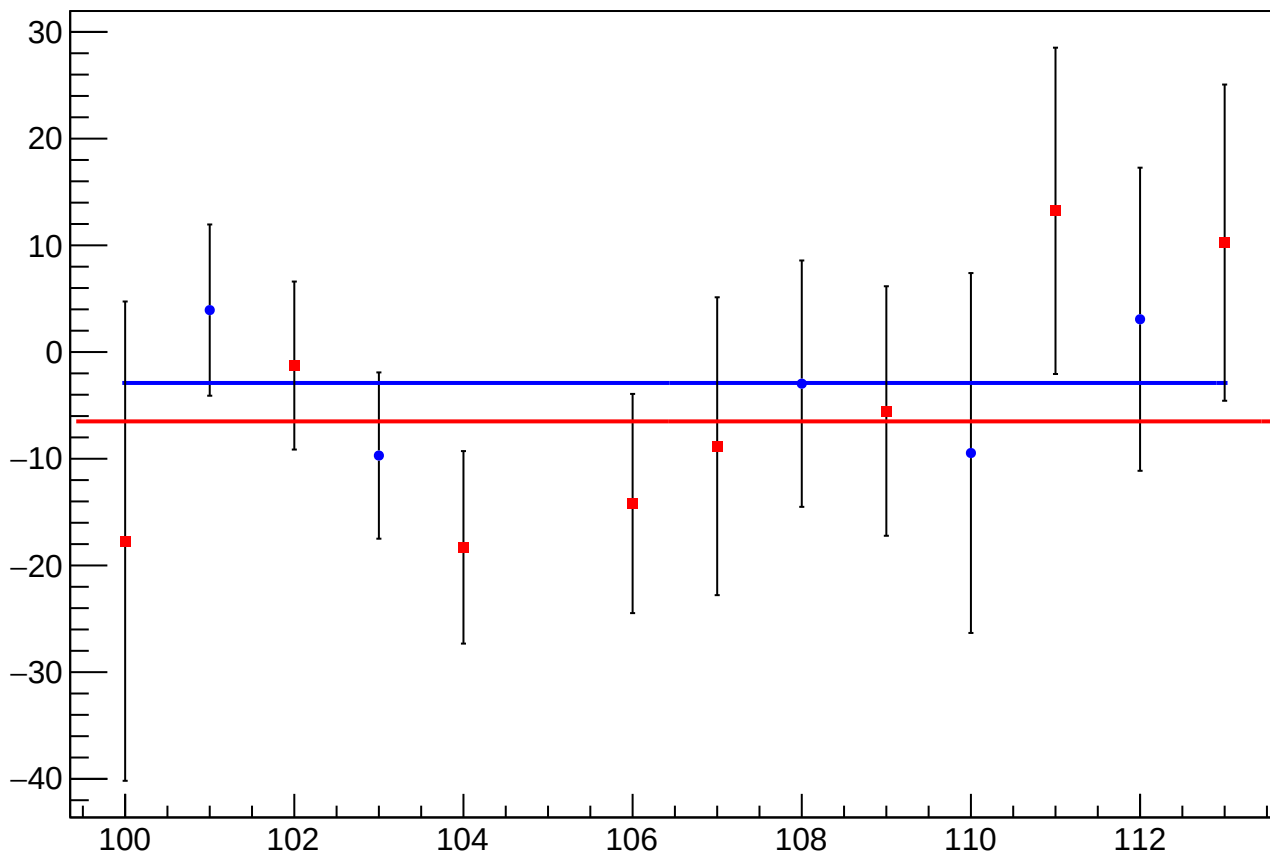
Right: 12906.990+/-3.829 χ^2/NDF : 187993.6/12

In: 12870.268+/-5.777 χ^2/NDF : 91491.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12906.990+/-3.829 χ^2/NDF : 187993.6/12

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -2.897 ± 4.565 χ^2/NDF : 1.8/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -6.498 ± 4.043 χ^2/NDF : 5.9/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

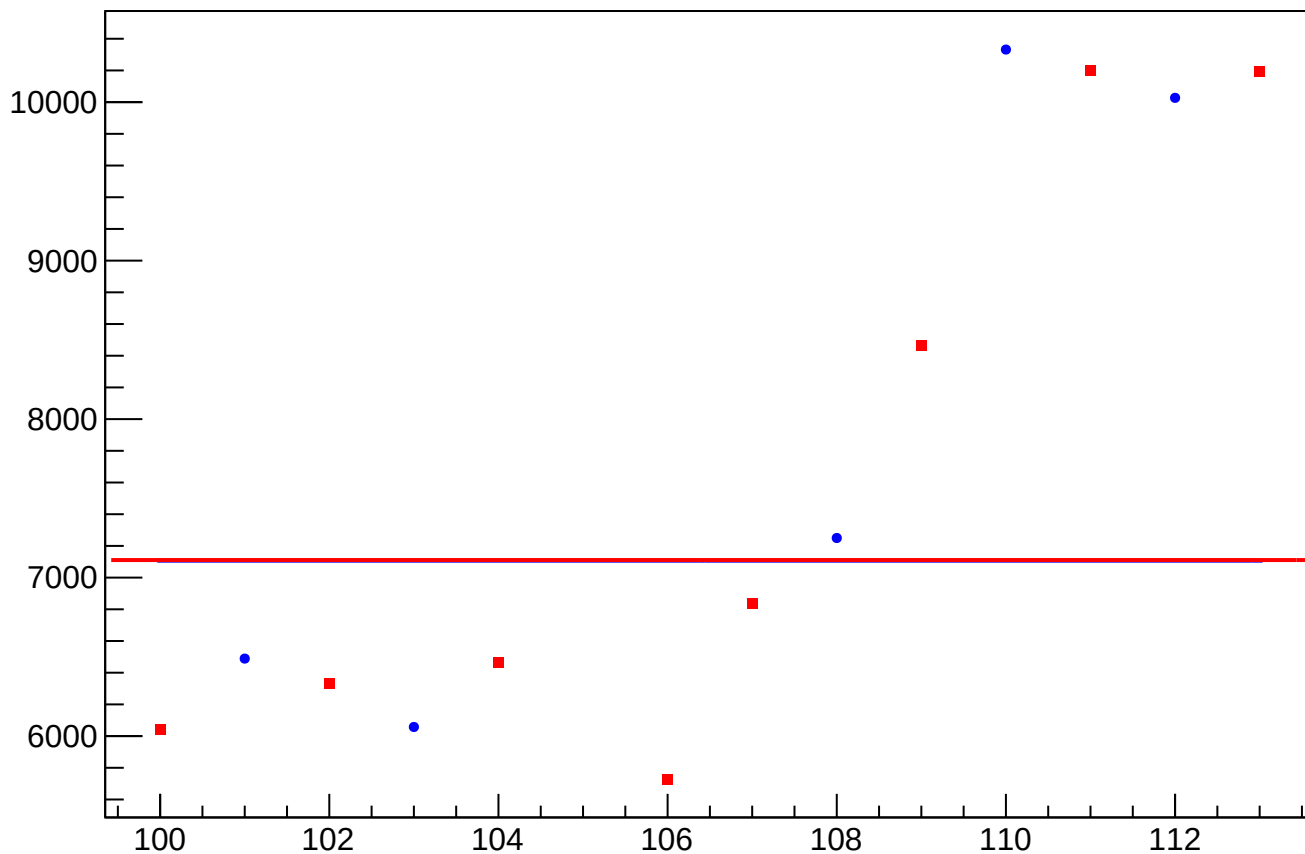
Right: -4.915 ± 3.027 χ^2/NDF : 8.1/12

In: -2.897 ± 4.565 χ^2/NDF : 1.8/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.915 ± 3.027 χ^2/NDF : 8.1/12

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: 7110.757+/-2.859 χ^2/NDF : 266961.2/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

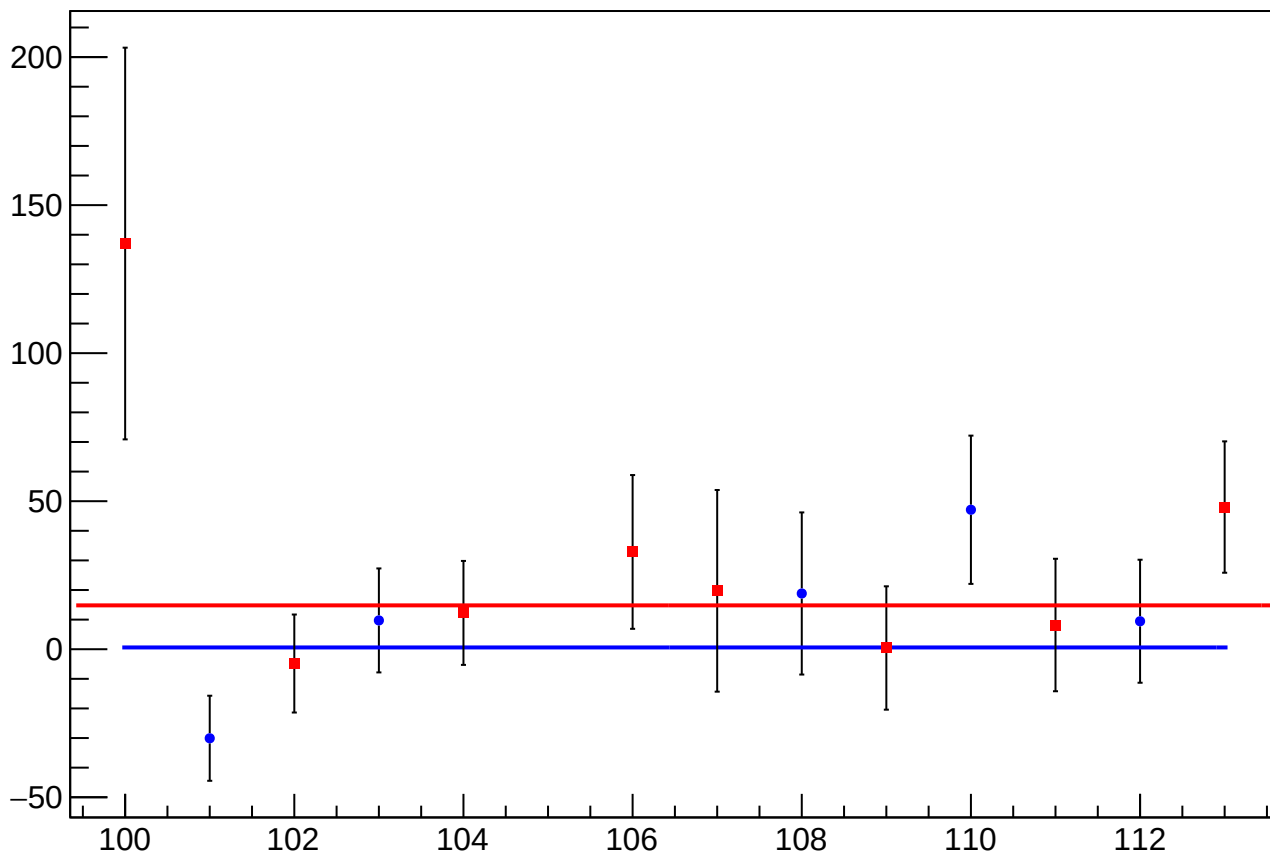
Right: 7109.125+/-2.140 χ^2/NDF : 473090.5/12

In: 7107.046+/-3.228 χ^2/NDF :206128.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7109.125+/-2.140 χ^2/NDF : 473090.5/12

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: 0.601 $\pm$ 8.660 χ^2 /NDF: 8.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 14.813 $\pm$ 7.956 χ^2 /NDF: 8.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

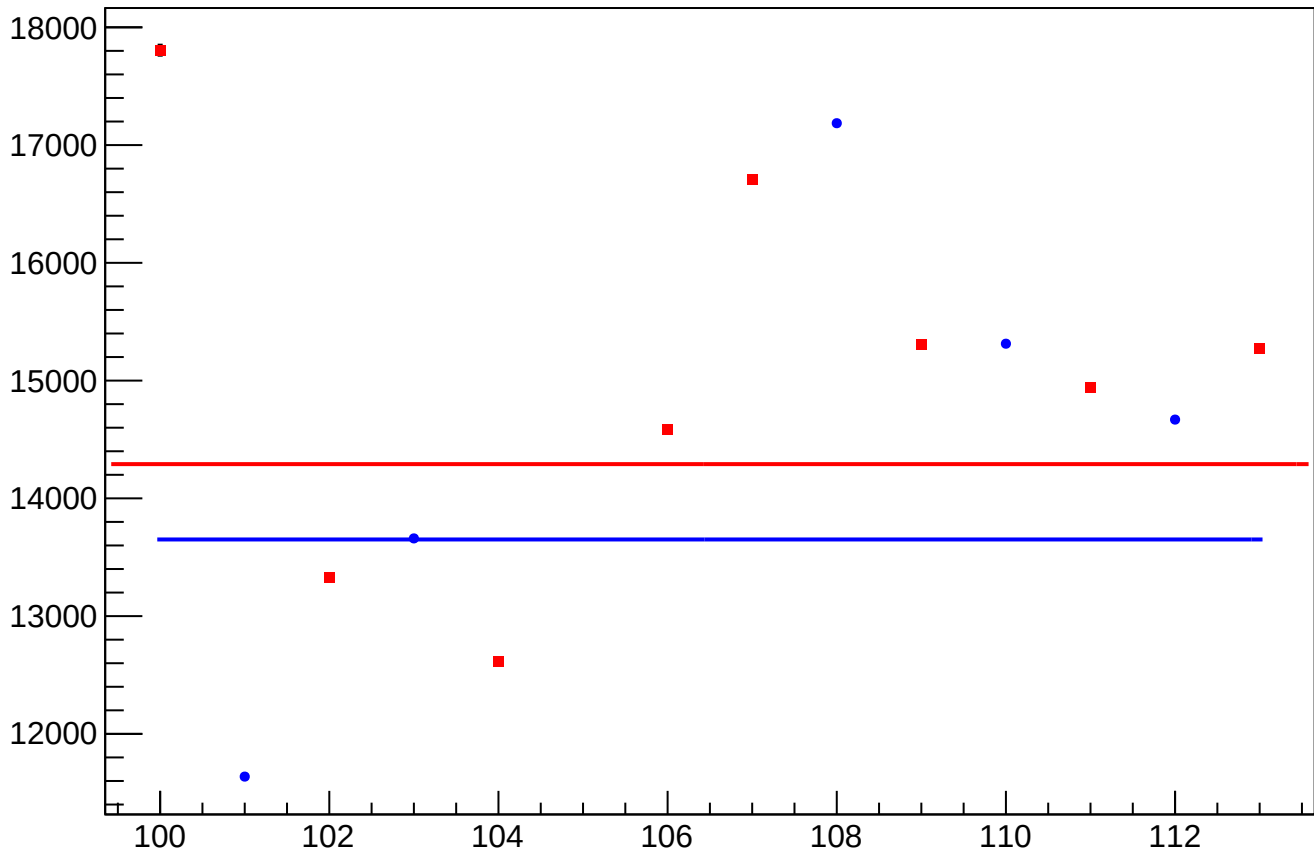
Right: 8.308 $\pm$ 5.859 χ^2 /NDF: 18.5/12

In: 0.601 $\pm$ 8.660 χ^2 /NDF:8.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 8.308 $\pm$ 5.859 χ^2 /NDF: 18.5/12

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: 14290.756 $\pm$ 5.626 χ^2 /NDF: 51405.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

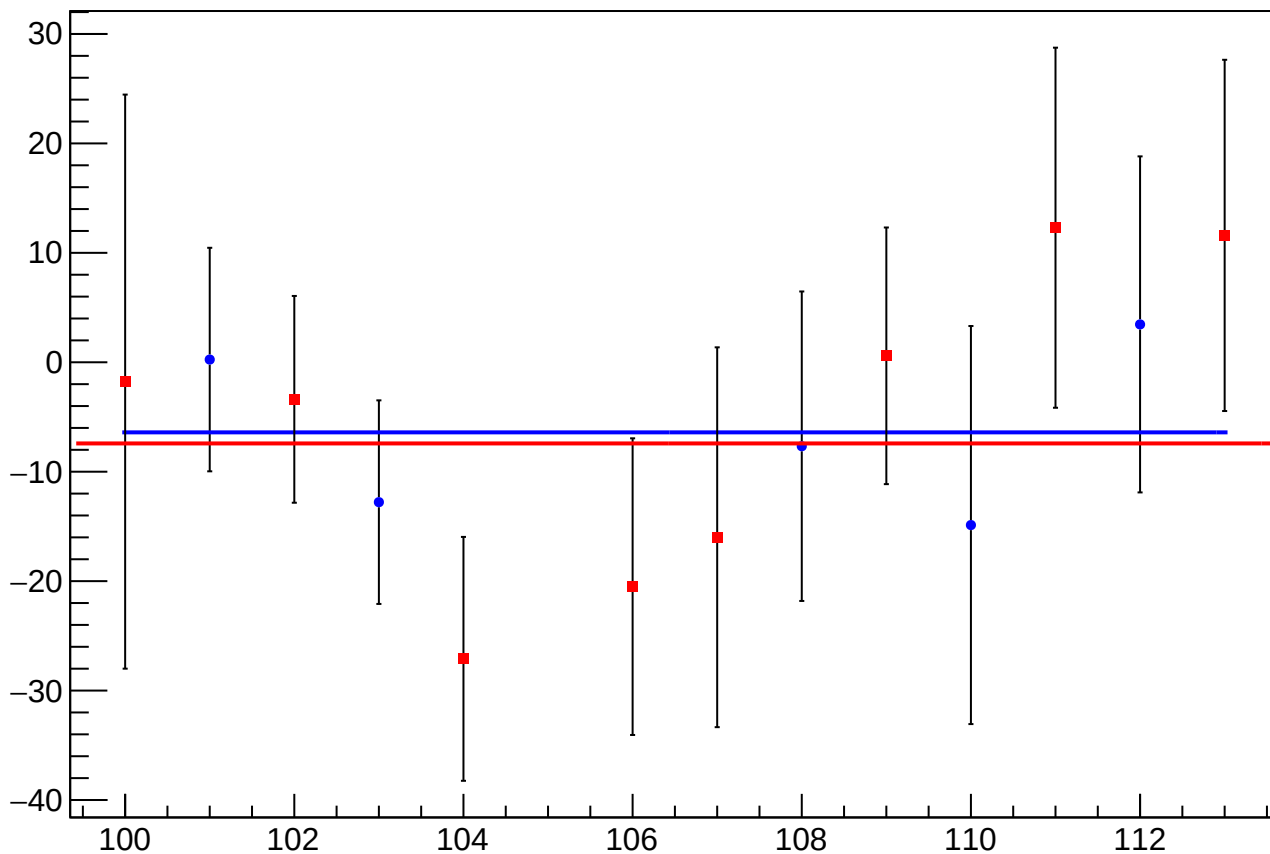
Right: 13997.907 $\pm$ 4.143 χ^2 /NDF: 143563.0/12

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: 13997.907 $\pm$ 4.143 χ^2 /NDF: 143563.0/12

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: -7.417+/-4.750 χ^2/NDF : 7.8/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

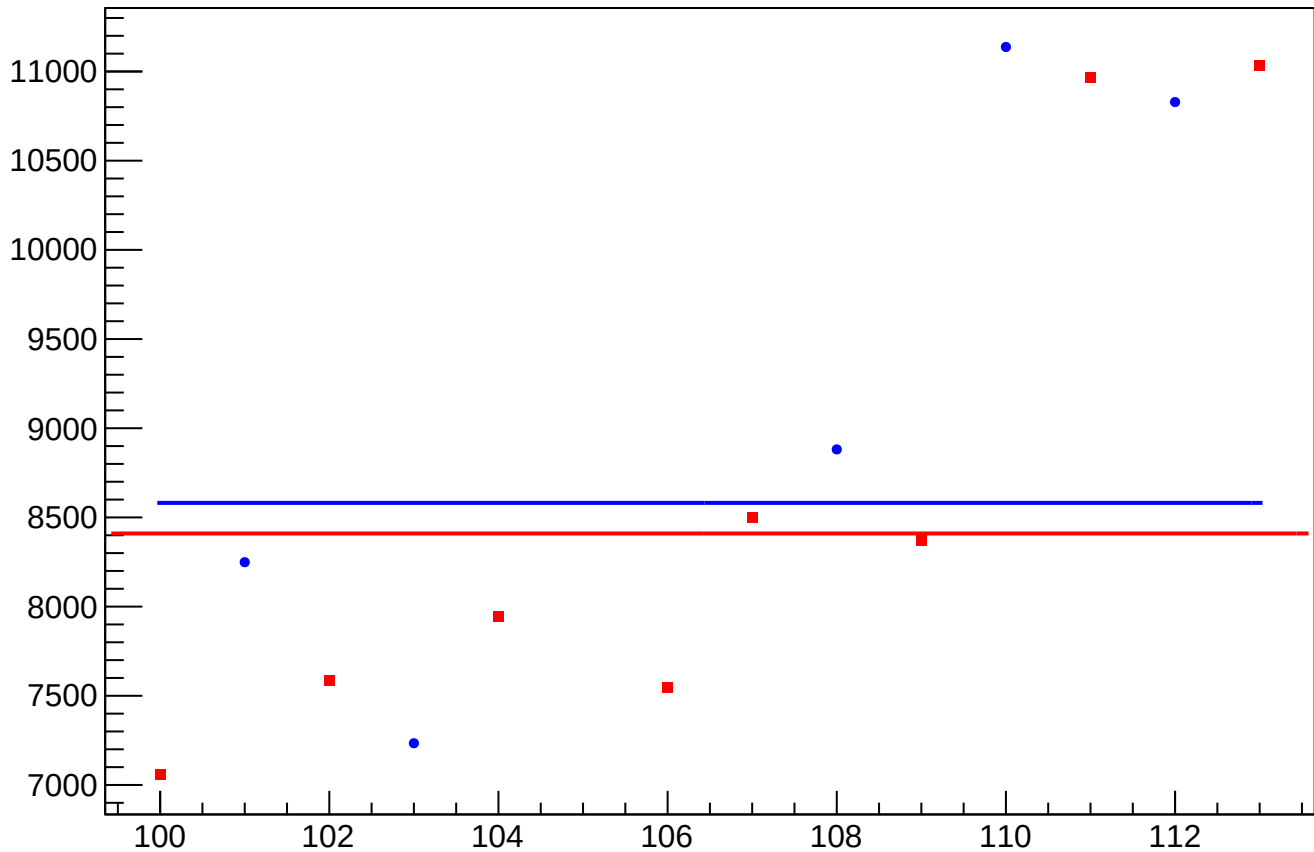
Right: -6.982+/-3.587 χ^2/NDF : 9.4/12

In: -6.405+/-5.471 χ^2/NDF :1.5/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.982+/-3.587 χ^2/NDF : 9.4/12

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: 8410.055+/-3.359 χ^2/NDF : 133946.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

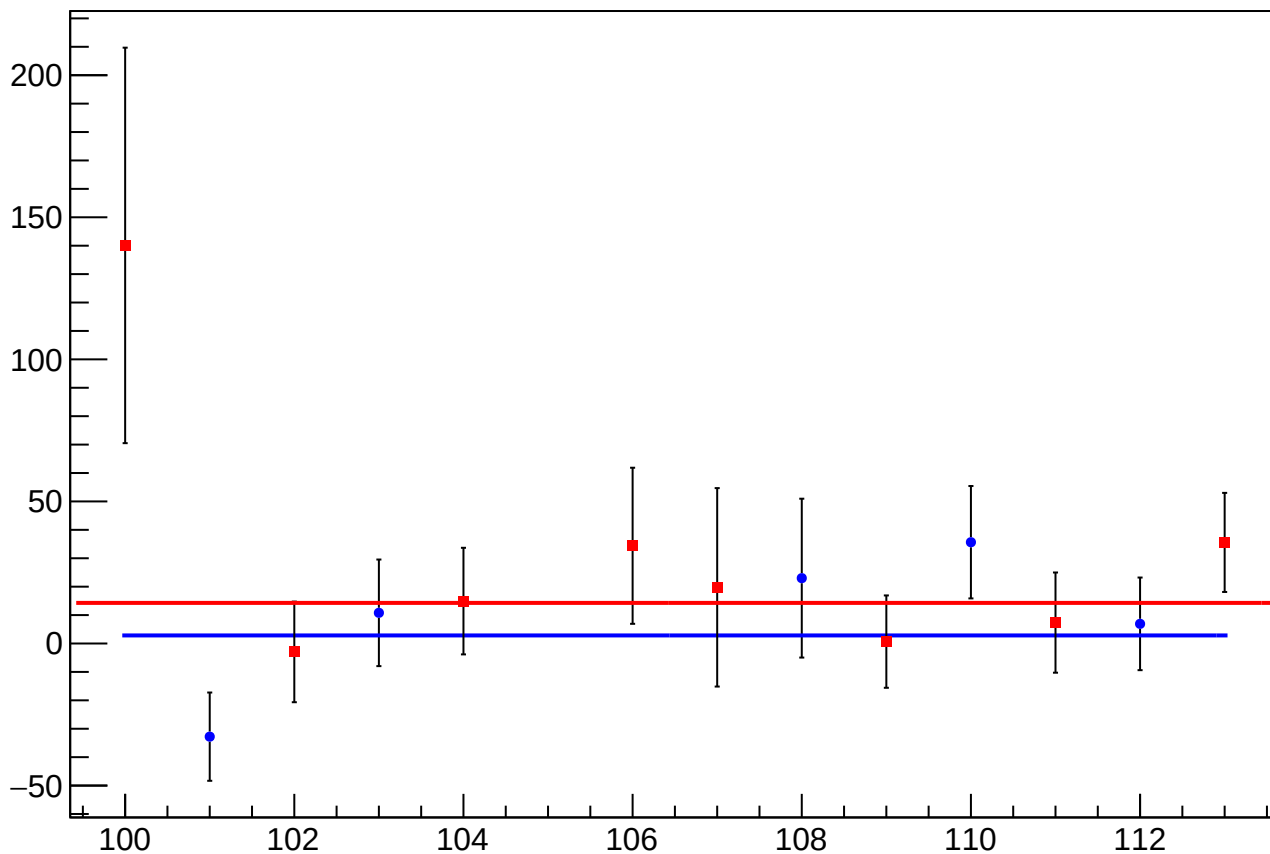
Right: 8483.745+/-2.536 χ^2/NDF : 262394.6/12

In: 8581.503+/-3.869 χ^2/NDF : 127327.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8483.745+/-2.536 χ^2/NDF : 262394.6/12

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: 14.290+/-7.317 χ^2/NDF : 7.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

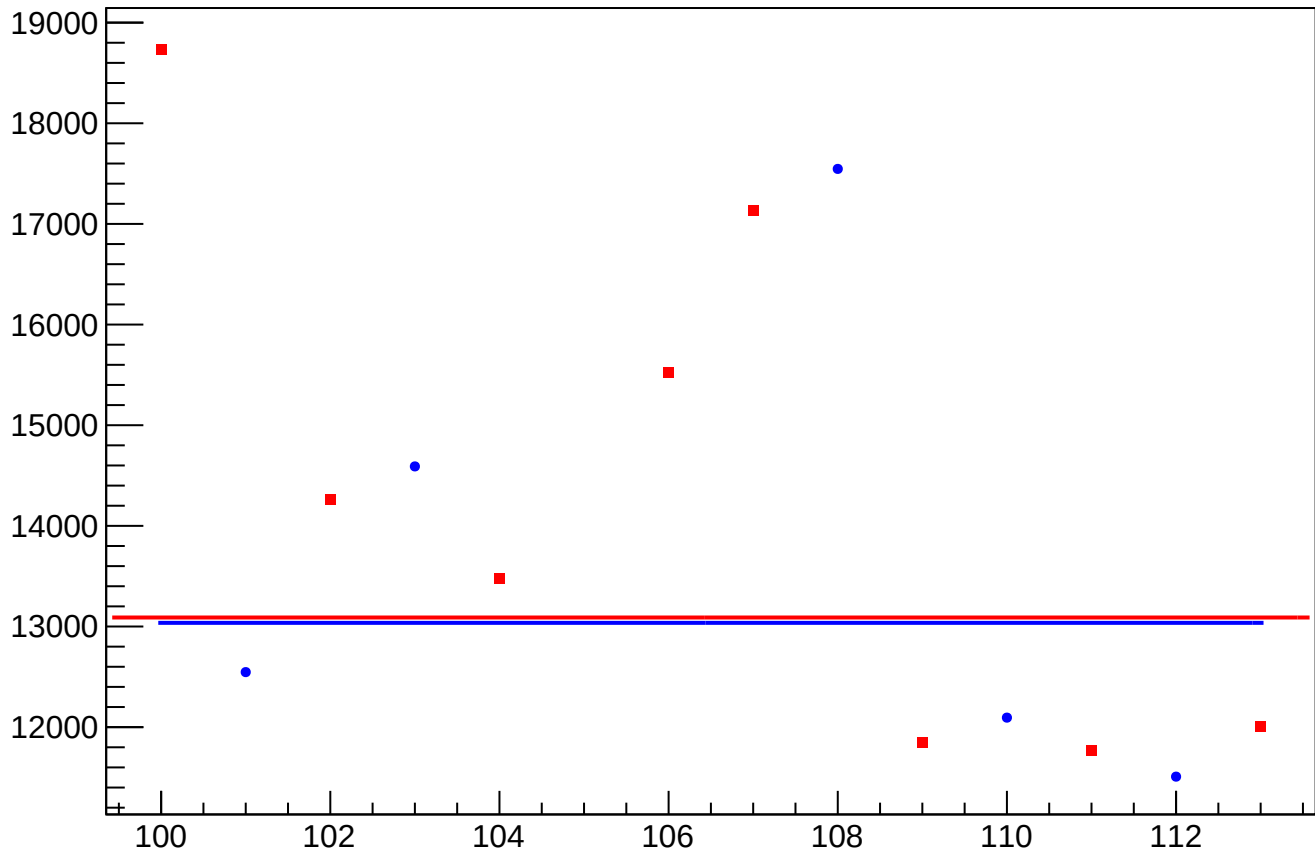
Right: 9.268+/-5.483 χ^2/NDF : 17.0/12

In: 2.839+/-8.279 χ^2/NDF : 8.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.268+/-5.483 χ^2/NDF : 17.0/12

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: 13089.458+/-5.174 χ^2/NDF : 95948.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

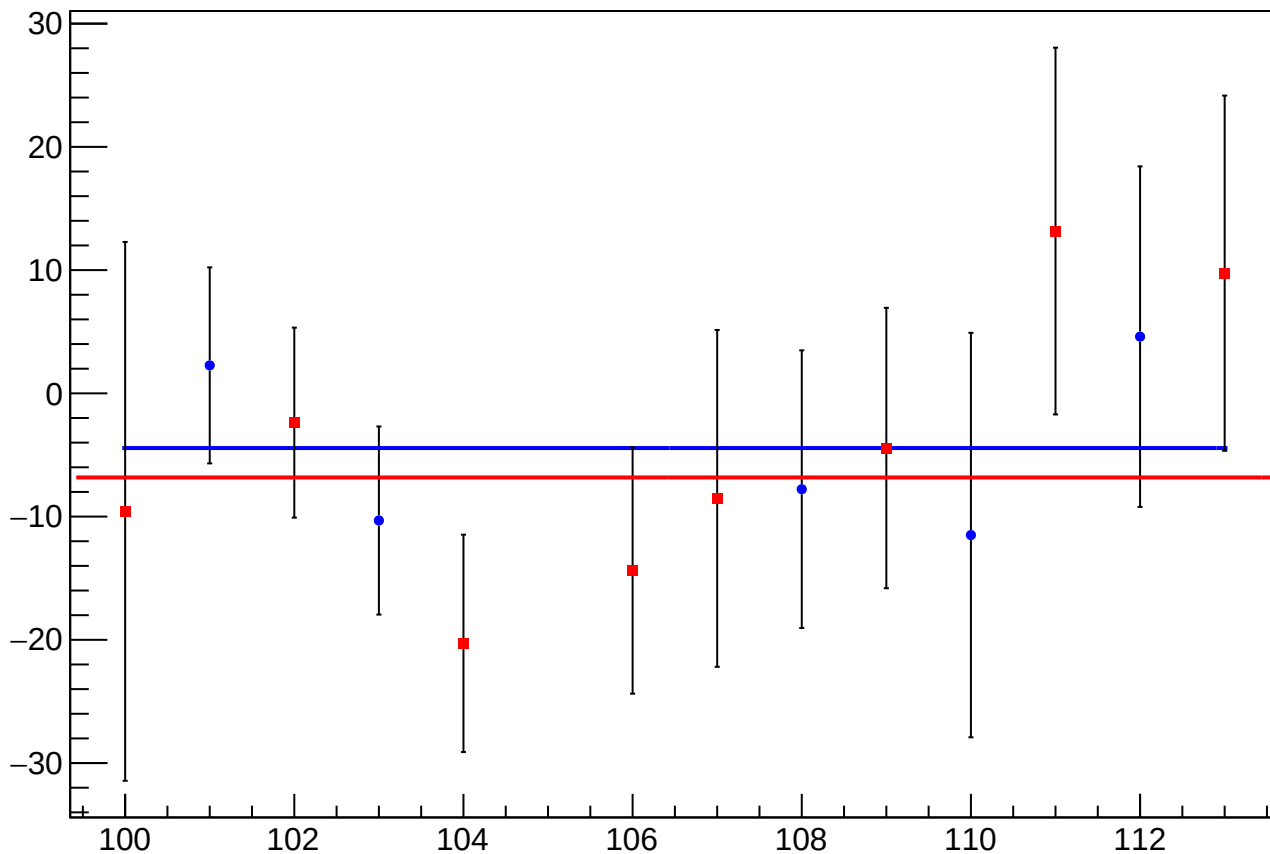
Right: 13066.198+/-3.877 χ^2/NDF : 185892.5/12

In: 13036.421+/-5.854 χ^2/NDF : 89897.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13066.198+/-3.877 χ^2/NDF : 185892.5/12

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: -6.825+/-3.947 χ^2/NDF : 6.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

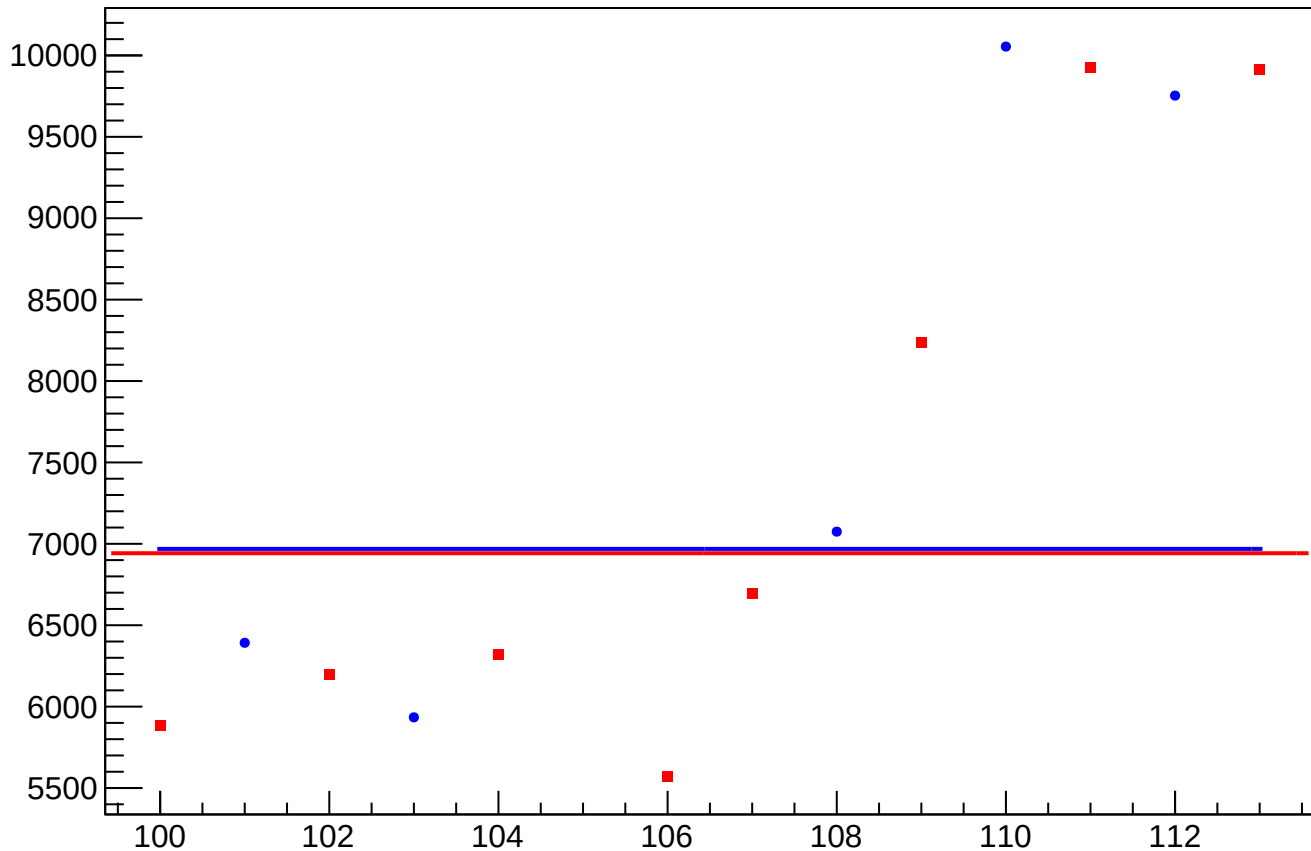
Right: -5.783+/-2.962 χ^2/NDF : 8.6/12

In: -4.439+/-4.481 χ^2/NDF : 2.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.783+/-2.962 χ^2/NDF : 8.6/12

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 6968.968+/-3.169 χ^2/NDF : 199376.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6942.308+/-2.791 χ^2/NDF : 263160.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

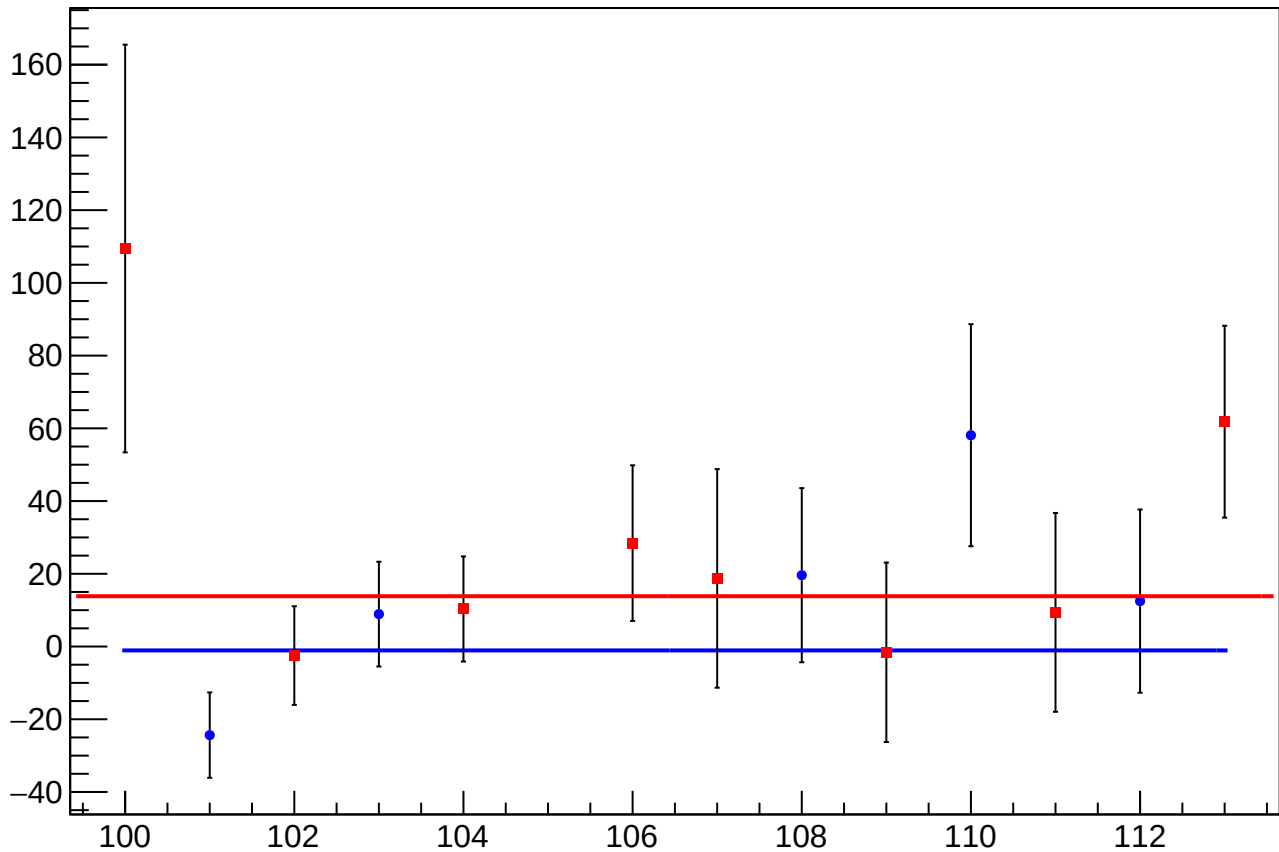
Right: 6953.955+/-2.094 χ^2/NDF : 462576.5/12

In: 6968.968+/-3.169 χ^2/NDF : 199376.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6953.955+/-2.094 χ^2/NDF : 462576.5/12

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: 13.834+/-7.403 χ^2/NDF : 8.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

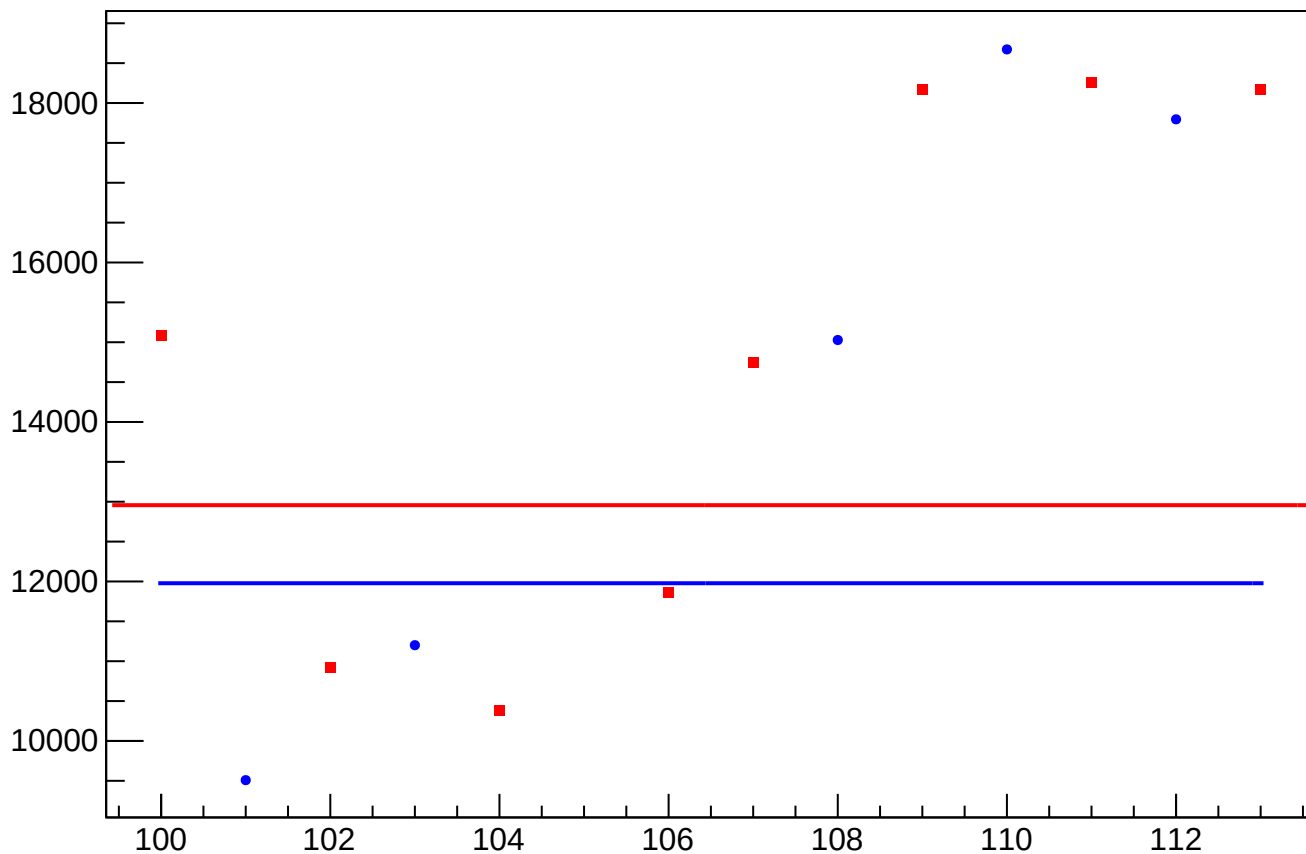
Right: 6.764+/-5.367 χ^2/NDF : 19.8/12

In: -1.069+/-7.792 χ^2/NDF : 9.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.764+/-5.367 χ^2/NDF : 19.8/12

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: 12956.749+/-5.235 χ^2/NDF : 365914.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

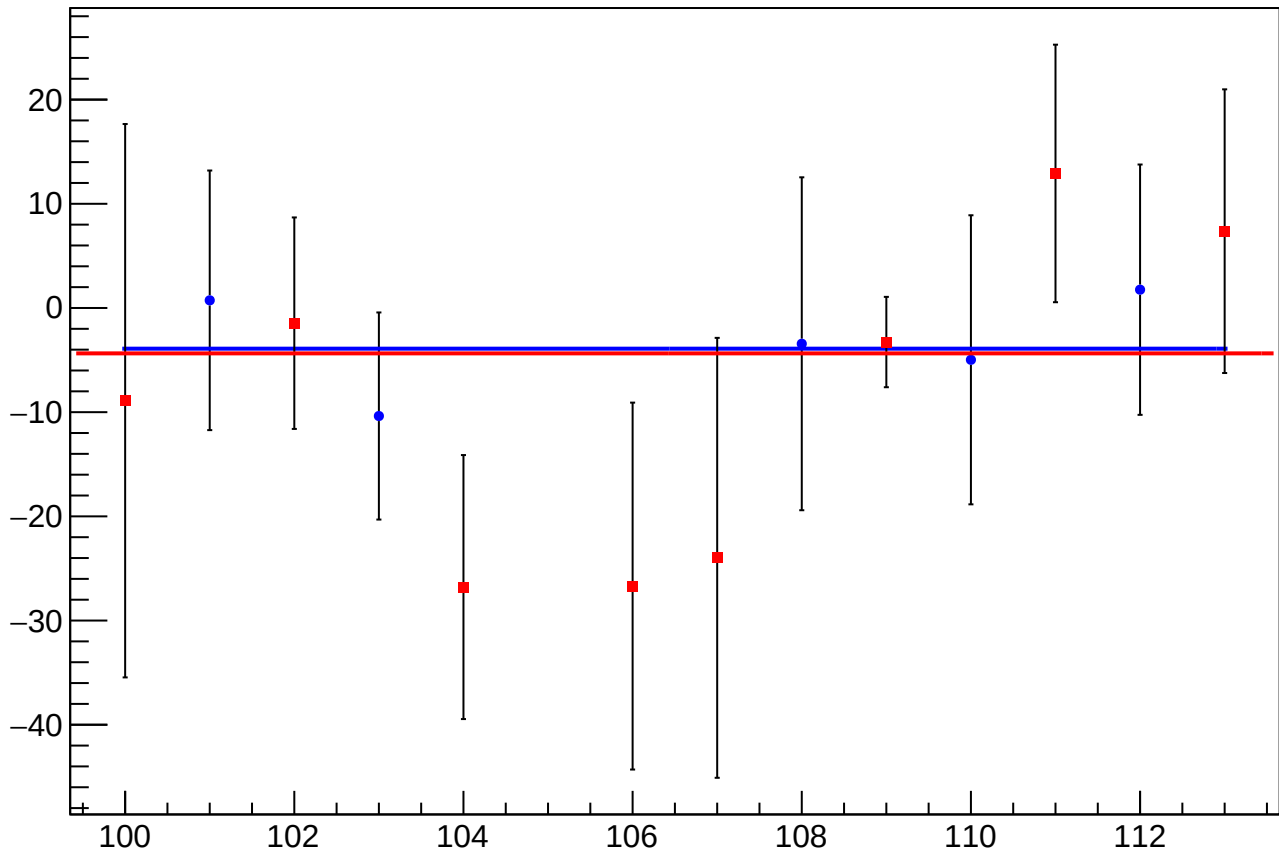
Right: 12492.305+/-3.795 χ^2/NDF : 712052.3/12

In: 11977.797+/-5.510 χ^2/NDF : 329544.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12492.305+/-3.795 χ^2/NDF : 712052.3/12

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: -4.356+/-3.372 χ^2/NDF : 8.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

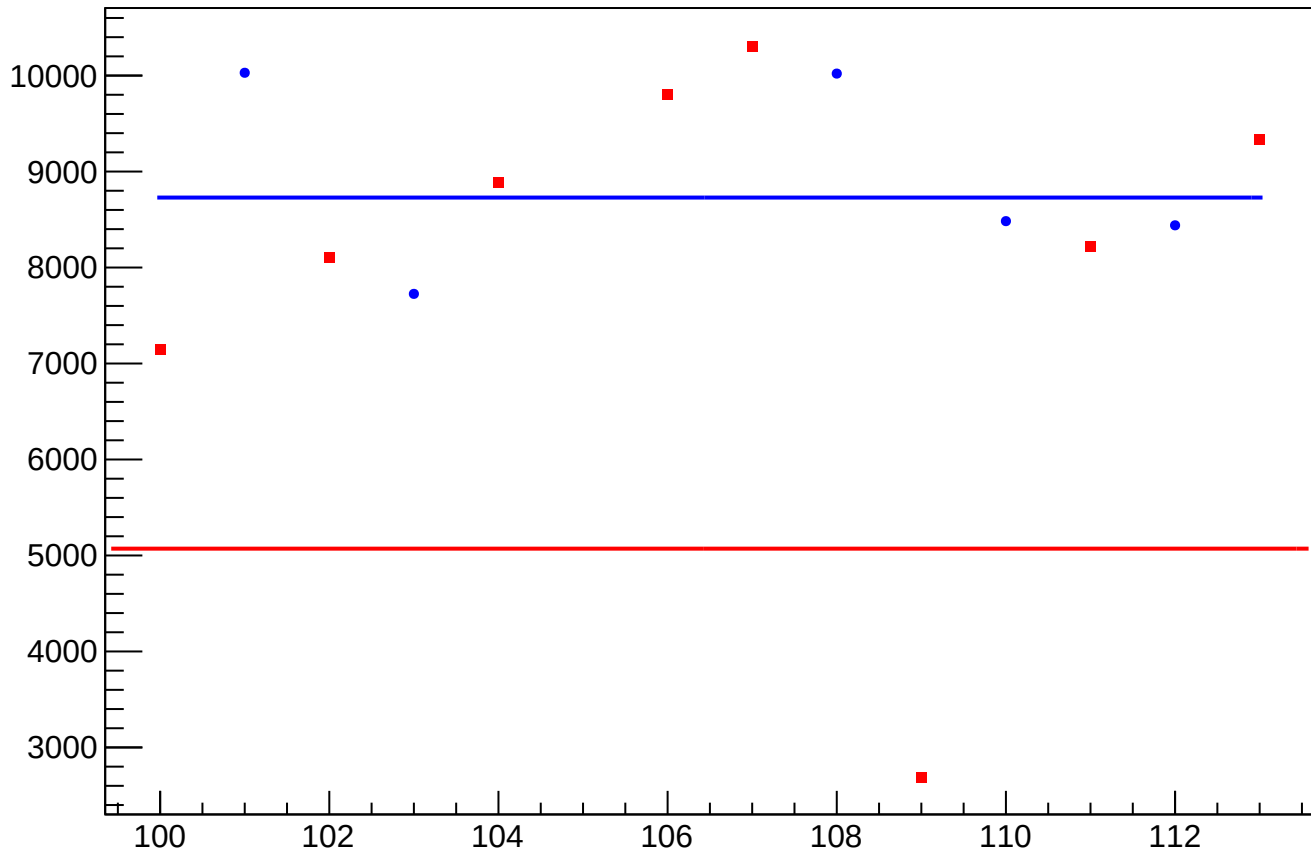
Right: -4.234+/-2.880 χ^2/NDF : 9.3/12

In: -3.905+/-5.538 χ^2/NDF : 0.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.234+/-2.880 χ^2/NDF : 9.3/12

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: 5071.138+/-2.384 χ^2/NDF : 1570378.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

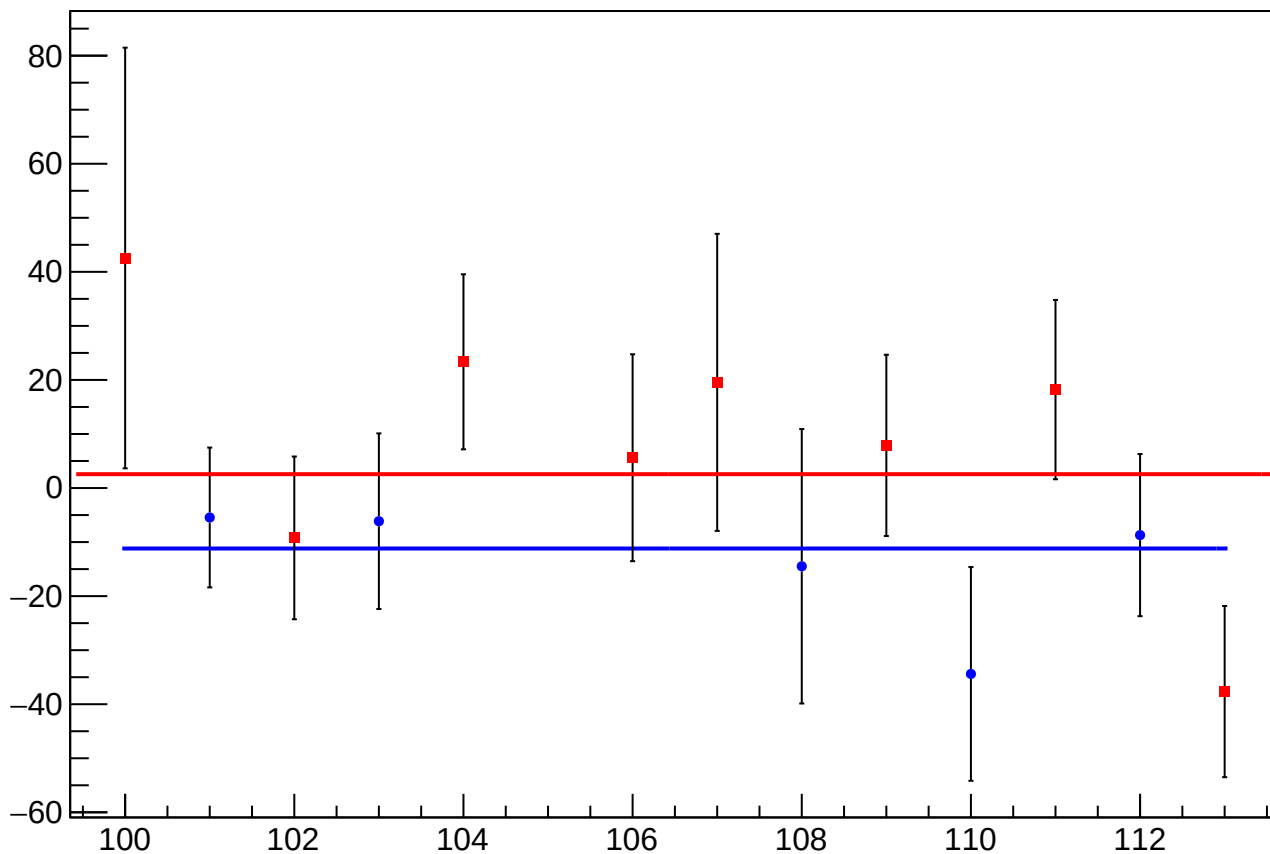
Right: 6060.611+/-2.037 χ^2/NDF : 2263995.1/12

In: 8729.032+/-3.916 χ^2/NDF : 57027.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6060.611+/-2.037 χ^2/NDF : 2263995.1/12

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -11.189+/-7.389 χ^2/NDF : 1.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.564+/-6.440 χ^2/NDF : 11.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

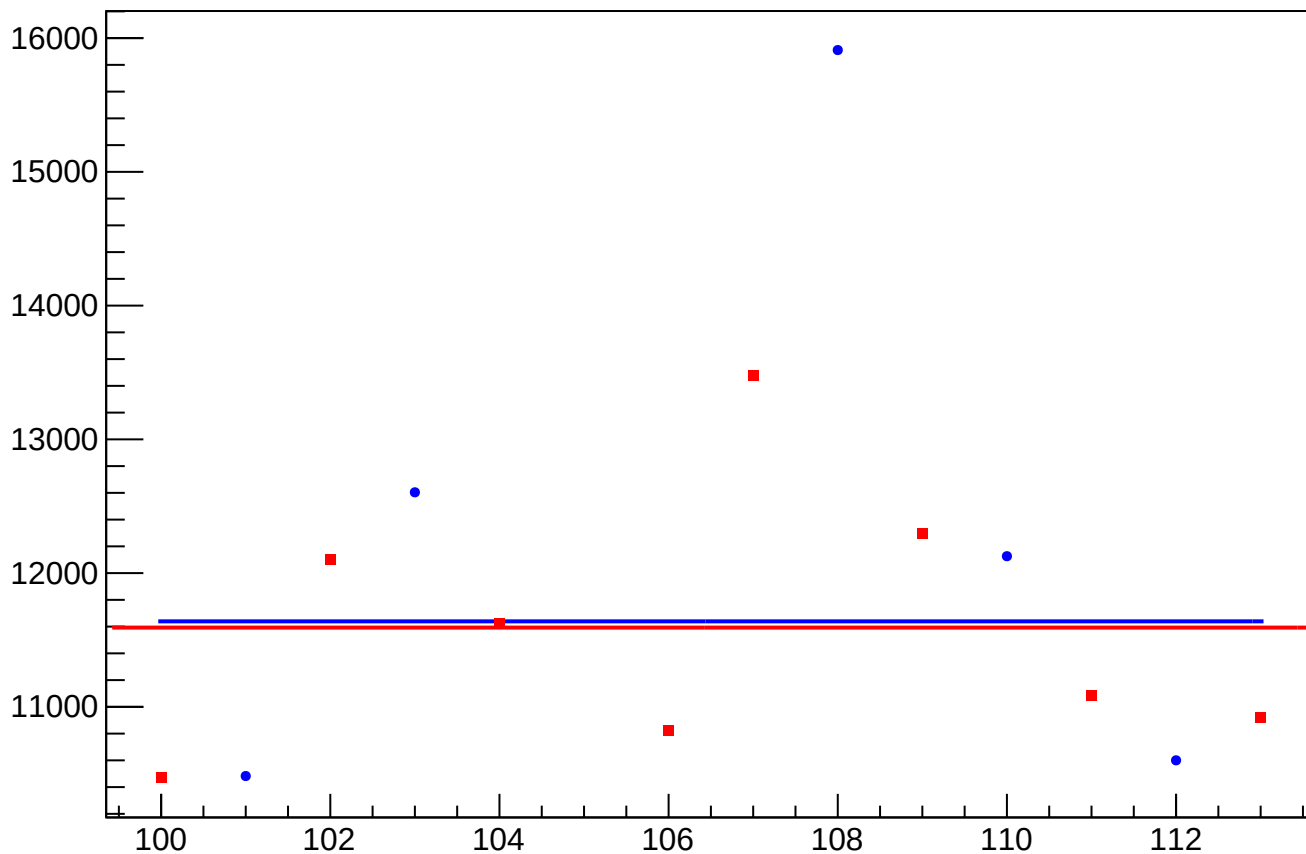
Right: -3.374+/-4.855 χ^2/NDF : 14.8/12

In: -11.189+/-7.389 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.374+/-4.855 χ^2/NDF : 14.8/12

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: 11592.661+/-4.554 χ^2/NDF : 25585.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

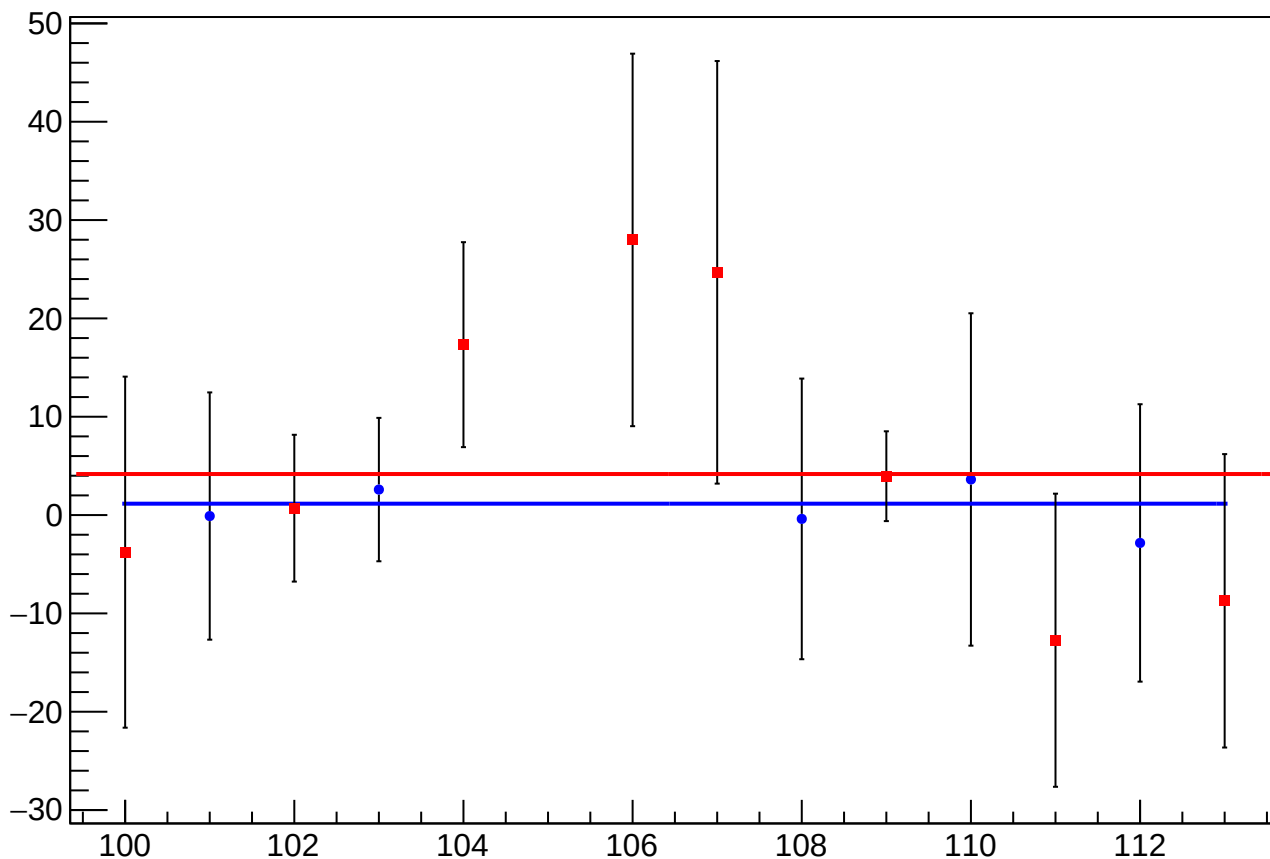
Right: 11612.795+/-3.433 χ^2/NDF : 116079.0/12

In: 11639.301+/-5.225 χ^2/NDF : 90448.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11612.795+/-3.433 χ^2/NDF : 116079.0/12

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: 4.173+/-3.294 χ^2/NDF : 6.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

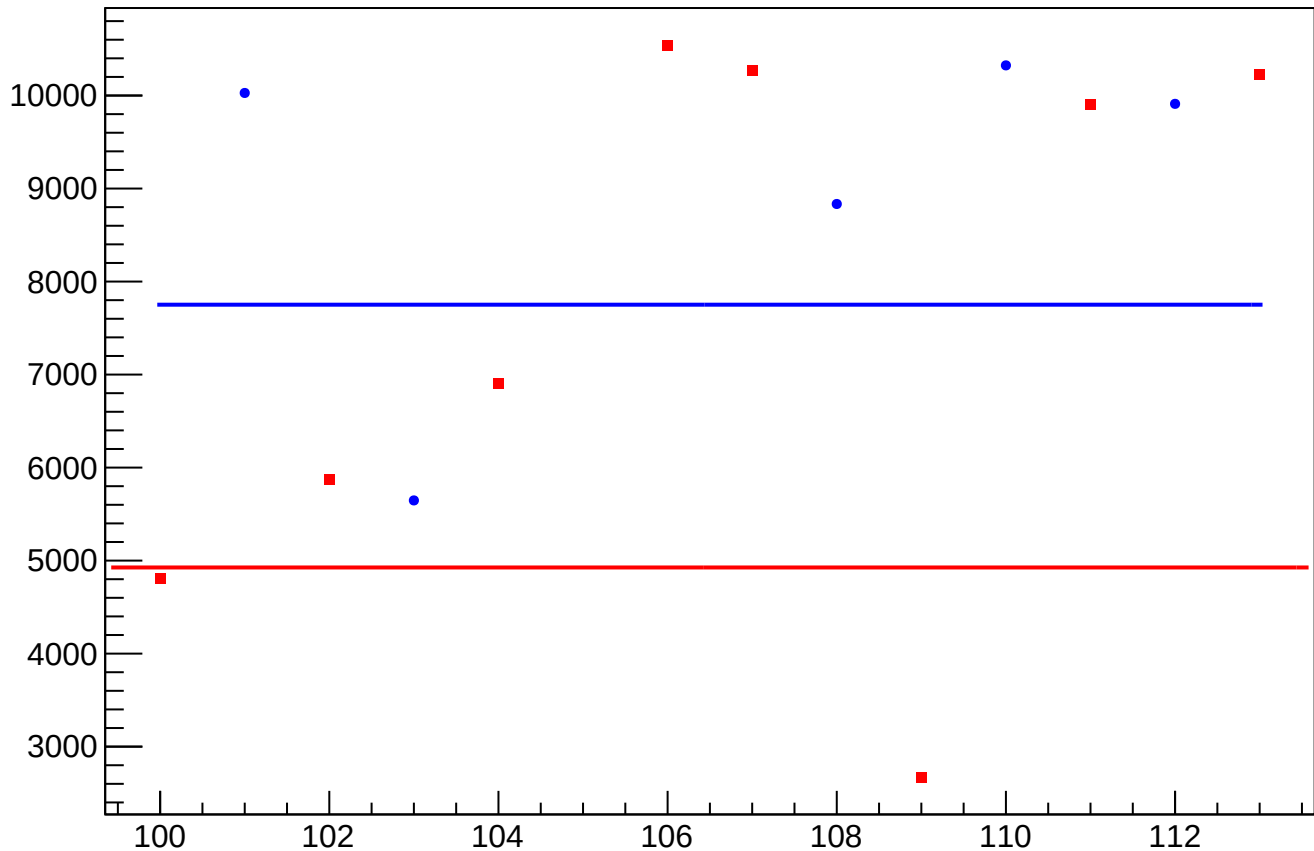
Right: 3.284+/-2.765 χ^2/NDF : 6.9/12

In: 1.157+/-5.092 χ^2/NDF : 0.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.284+/-2.765 χ^2/NDF : 6.9/12

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: 4926.176+/-2.329 χ^2/NDF : 1368085.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

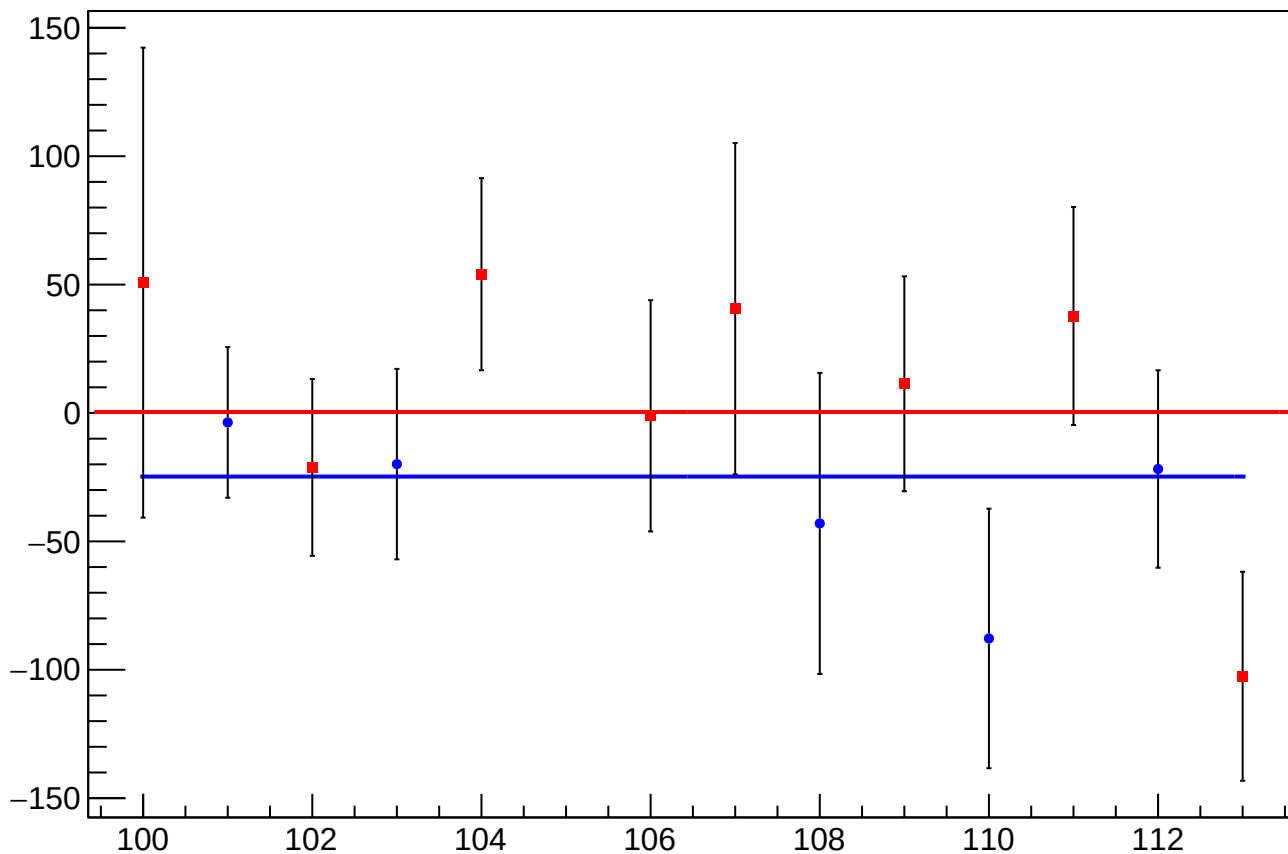
Right: 5759.538+/-1.955 χ^2/NDF : 2139027.5/12

In: 7751.298+/-3.600 χ^2/NDF : 336857.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5759.538+/-1.955 χ^2/NDF : 2139027.5/12

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: 0.387 $\pm$ 15.538 χ^2/NDF : 10.4/7

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

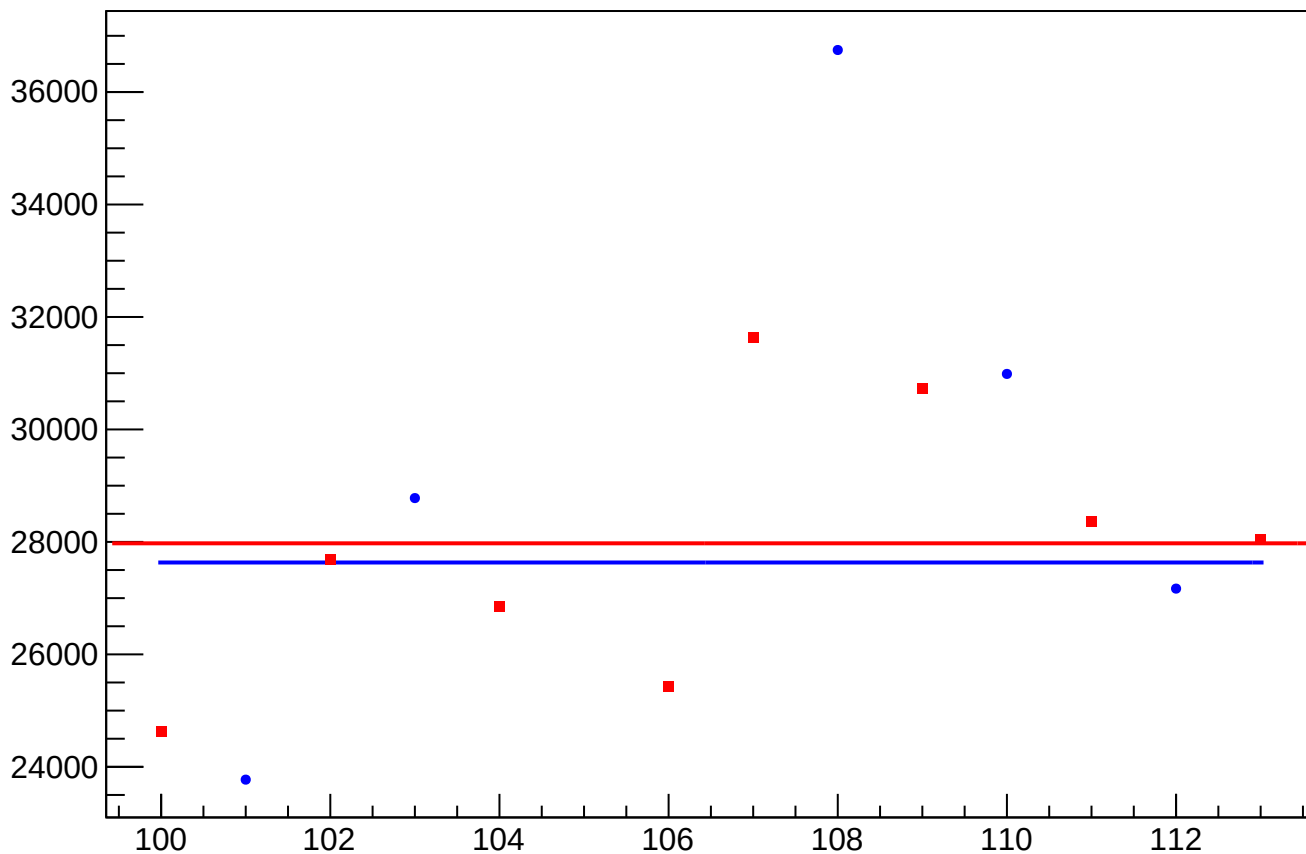
Right: -10.663 $\pm$ 11.633 χ^2/NDF : 13.7/12

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: -10.663 $\pm$ 11.633 χ^2/NDF : 13.7/12

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: 27975.041+/-10.987 χ^2/NDF : 26301.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

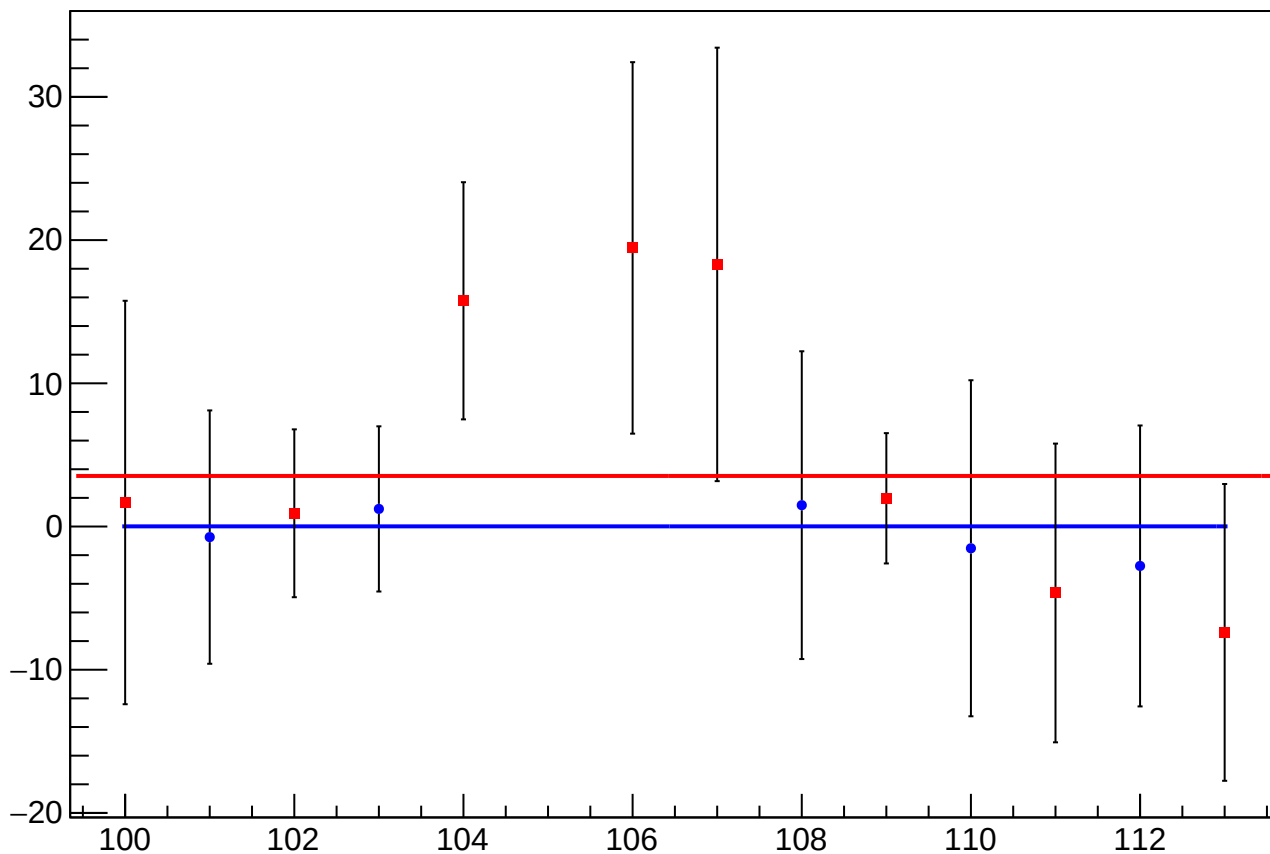
Right: 27825.129+/-8.226 χ^2/NDF : 120691.3/12

In: 27633.906+/-12.409 χ^2/NDF : 93966.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27825.129+/-8.226 χ^2/NDF : 120691.3/12

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: 3.532+/-2.819 χ^2/NDF : 6.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

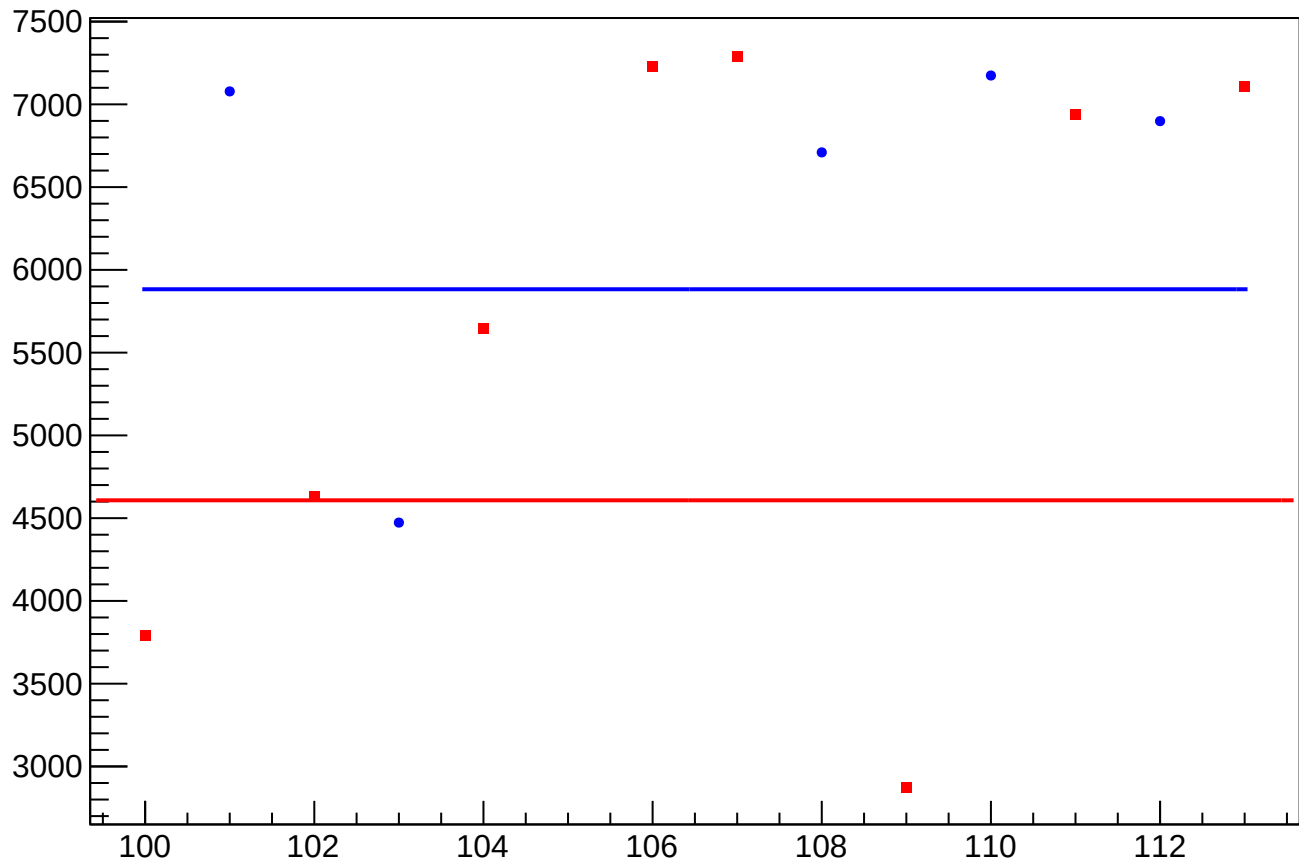
Right: 2.283+/-2.264 χ^2/NDF : 7.4/12

In: 0.011+/-3.802 χ^2/NDF : 0.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.283+/-2.264 χ^2/NDF : 7.4/12

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 5882.937 $\pm$ 2.689 χ^2 /NDF: 213515.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4607.854 $\pm$ 1.993 χ^2 /NDF: 689444.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

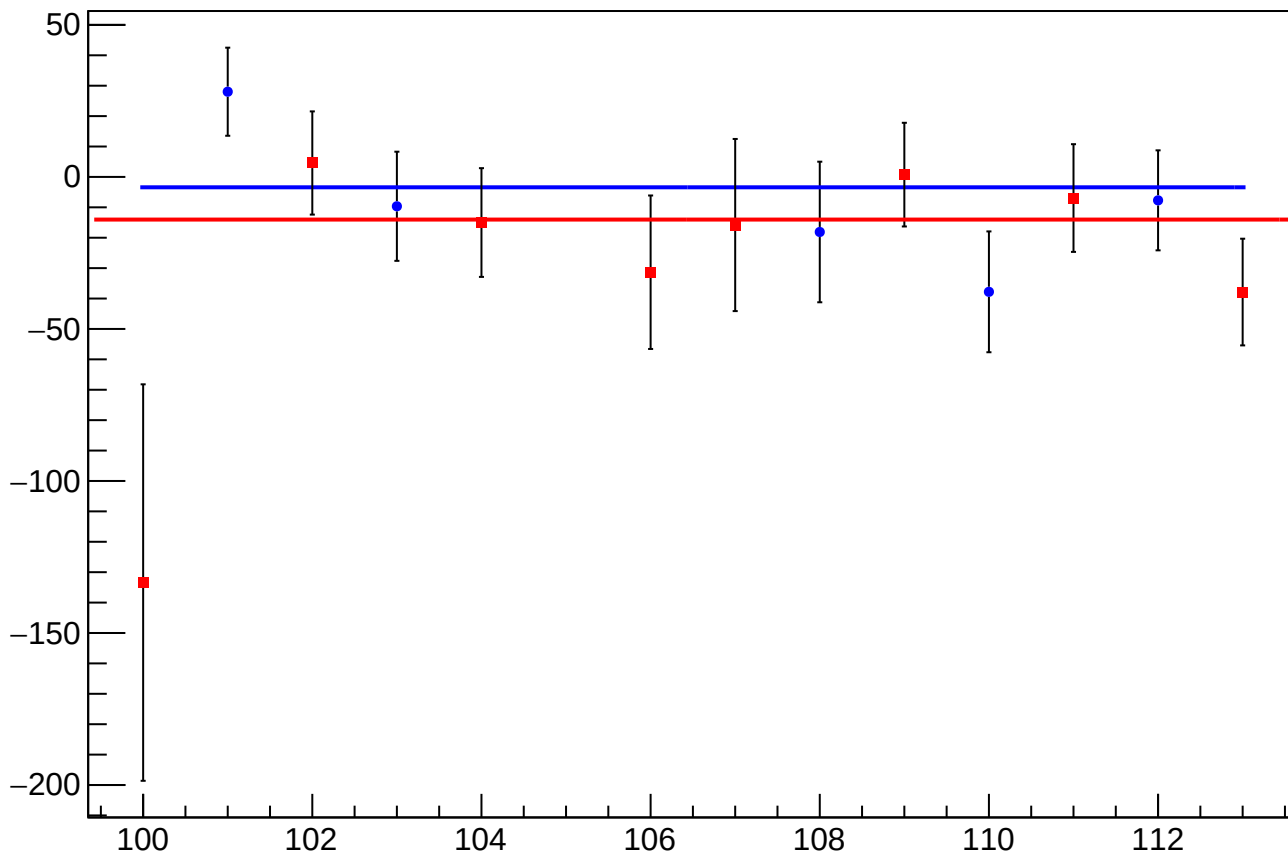
Right: 5060.045 $\pm$ 1.601 χ^2 /NDF: 1048096.6/12

In: 5882.937 $\pm$ 2.689 χ^2 /NDF:213515.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 5060.045 $\pm$ 1.601 χ^2 /NDF: 1048096.6/12

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: -3.414 $\pm$ 7.913 χ^2 /NDF: 8.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -14.027 $\pm$ 7.156 χ^2 /NDF: 7.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

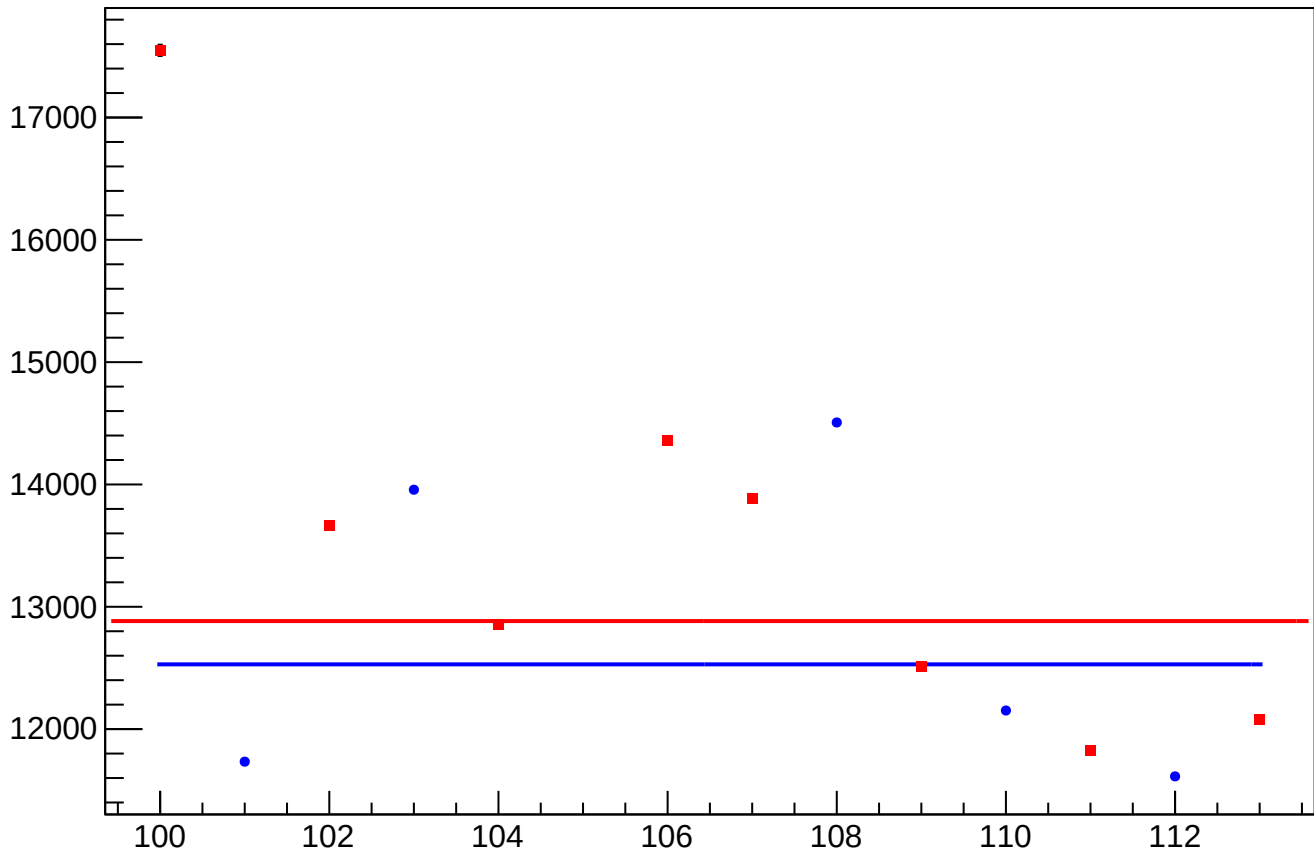
Right: -9.253 $\pm$ 5.308 χ^2 /NDF: 17.1/12

In: -3.414 $\pm$ 7.913 χ^2 /NDF:8.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -9.253 $\pm$ 5.308 χ^2 /NDF: 17.1/12

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: 12883.204+/-5.060 χ^2/NDF : 36102.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

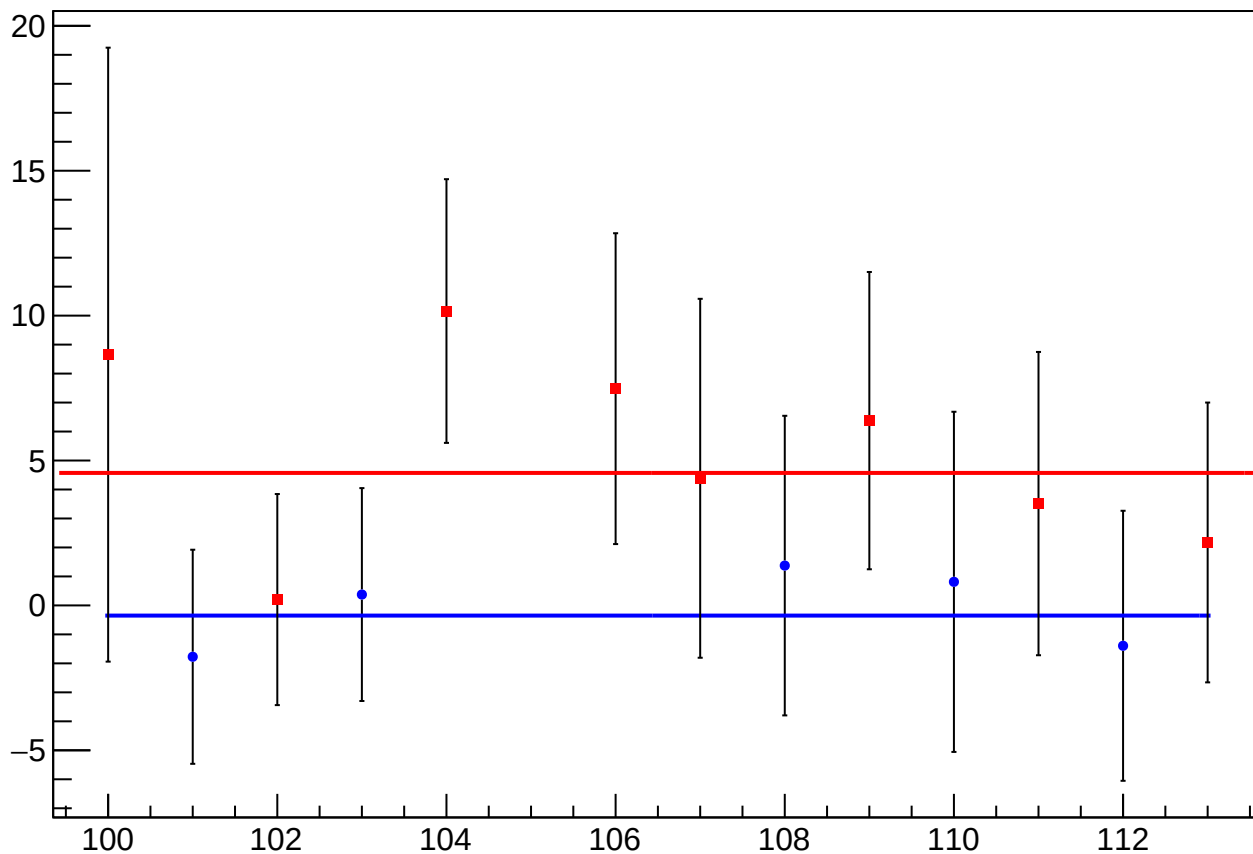
Right: 12723.999+/-3.753 χ^2/NDF : 78544.8/12

In: 12529.315+/-5.596 χ^2/NDF : 40241.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12723.999+/-3.753 χ^2/NDF : 78544.8/12

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: 4.572+/-1.794 χ^2/NDF : 3.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

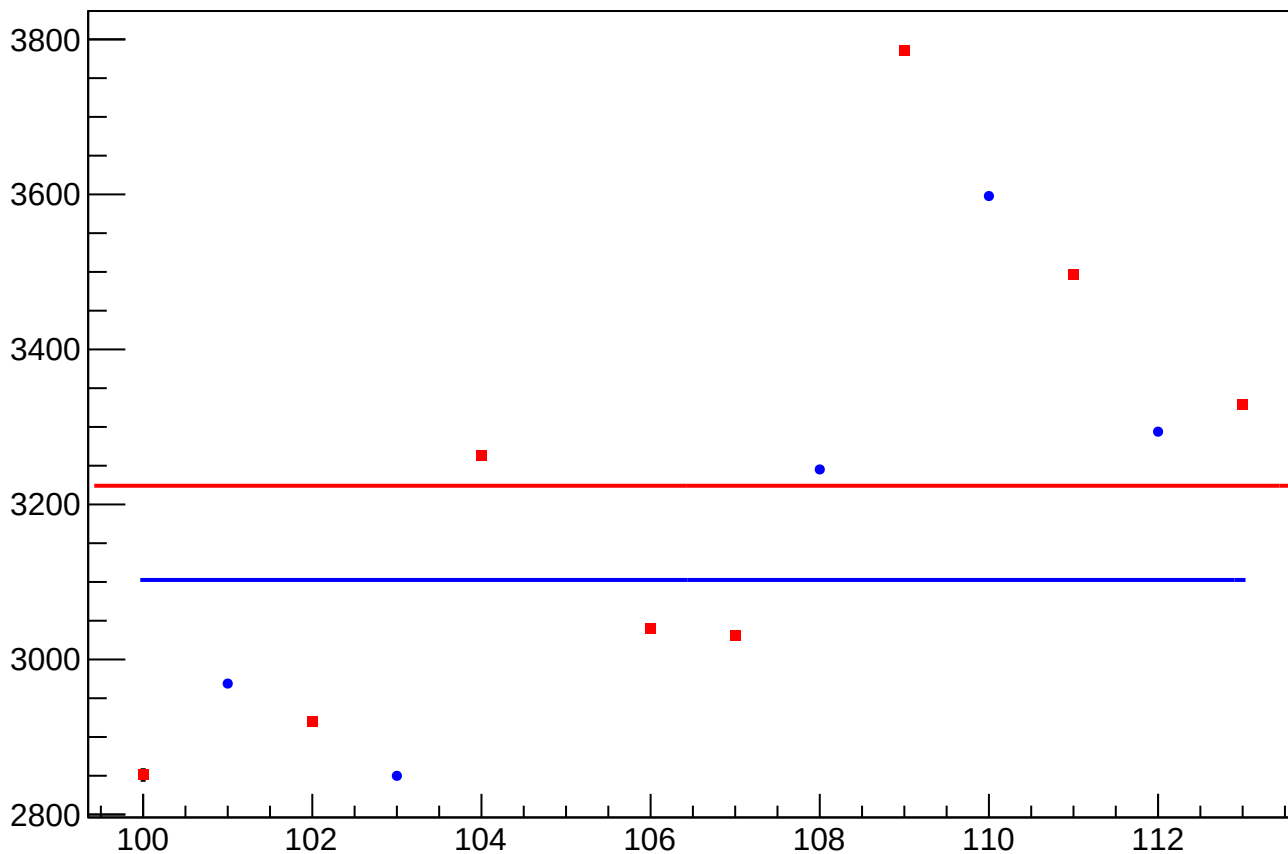
Right: 2.330+/-1.324 χ^2/NDF : 7.6/12

In: -0.351+/-1.961 χ^2/NDF : 0.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.330+/-1.324 χ^2/NDF : 7.6/12

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3102.602+/-1.387 χ^2/NDF : 31221.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3224.131+/-1.268 χ^2/NDF : 51204.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

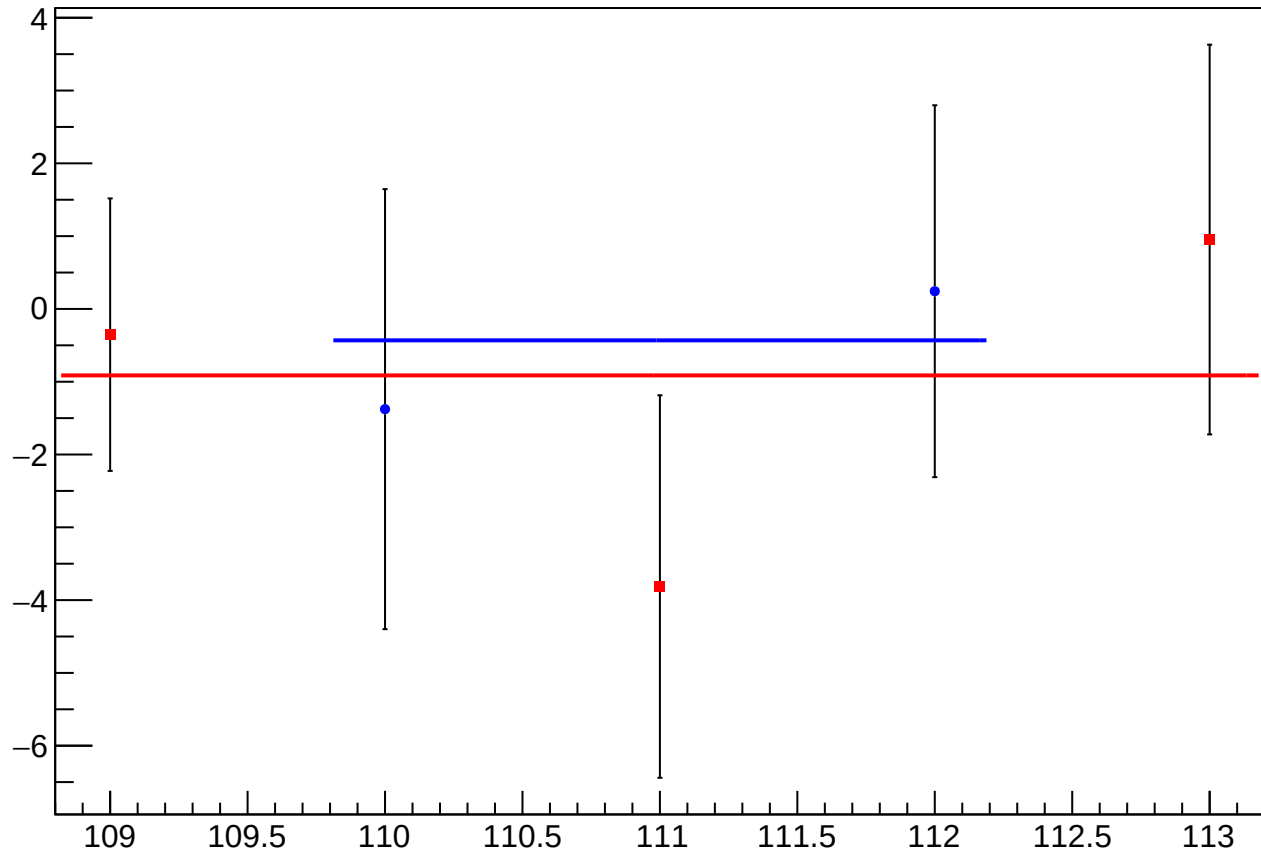
Right: 3168.789+/-0.936 χ^2/NDF : 86606.7/12

In: 3102.602+/-1.387 χ^2/NDF : 31221.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3168.789+/-0.936 χ^2/NDF : 86606.7/12

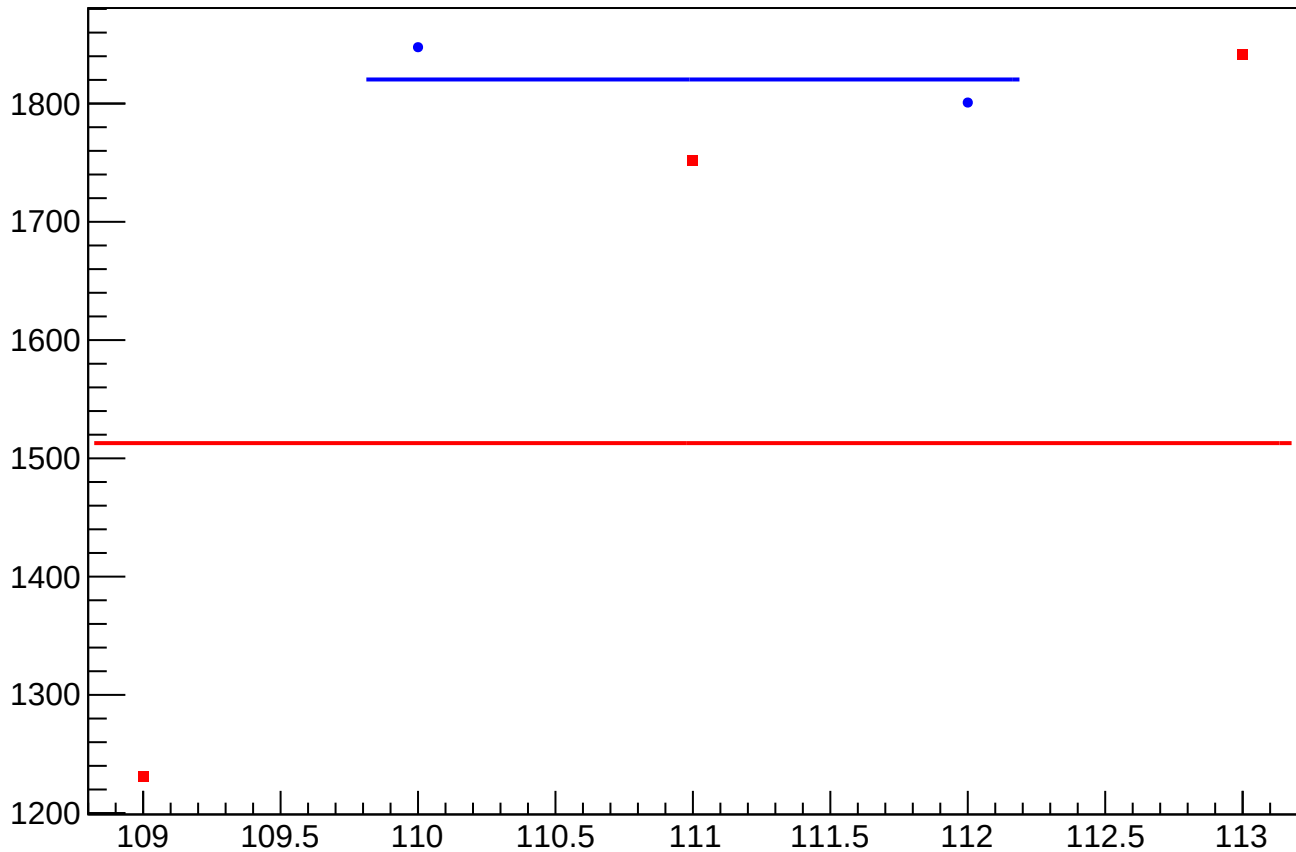
diff_bpm1p02bX_mean vs Slug, Sign Corrected



Right In: -0.432 $\pm$ 1.951 χ^2 /NDF: 0.2/1
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Right Out: -0.913 $\pm$ 1.325 χ^2 /NDF: 1.8/2
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: -0.761 $\pm$ 1.096 χ^2 /NDF: 2.0/4
In: -0.432 $\pm$ 1.951 χ^2 /NDF: 0.2/1
Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
All: -0.761 $\pm$ 1.096 χ^2 /NDF: 2.0/4

diff_bpm1p02bX_rms vs Slug, Sign Corrected



Right In: 1820.356 $\pm$ 1.380 χ^2 /NDF: 279.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1512.883 $\pm$ 0.937 χ^2 /NDF: 91903.6/2

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

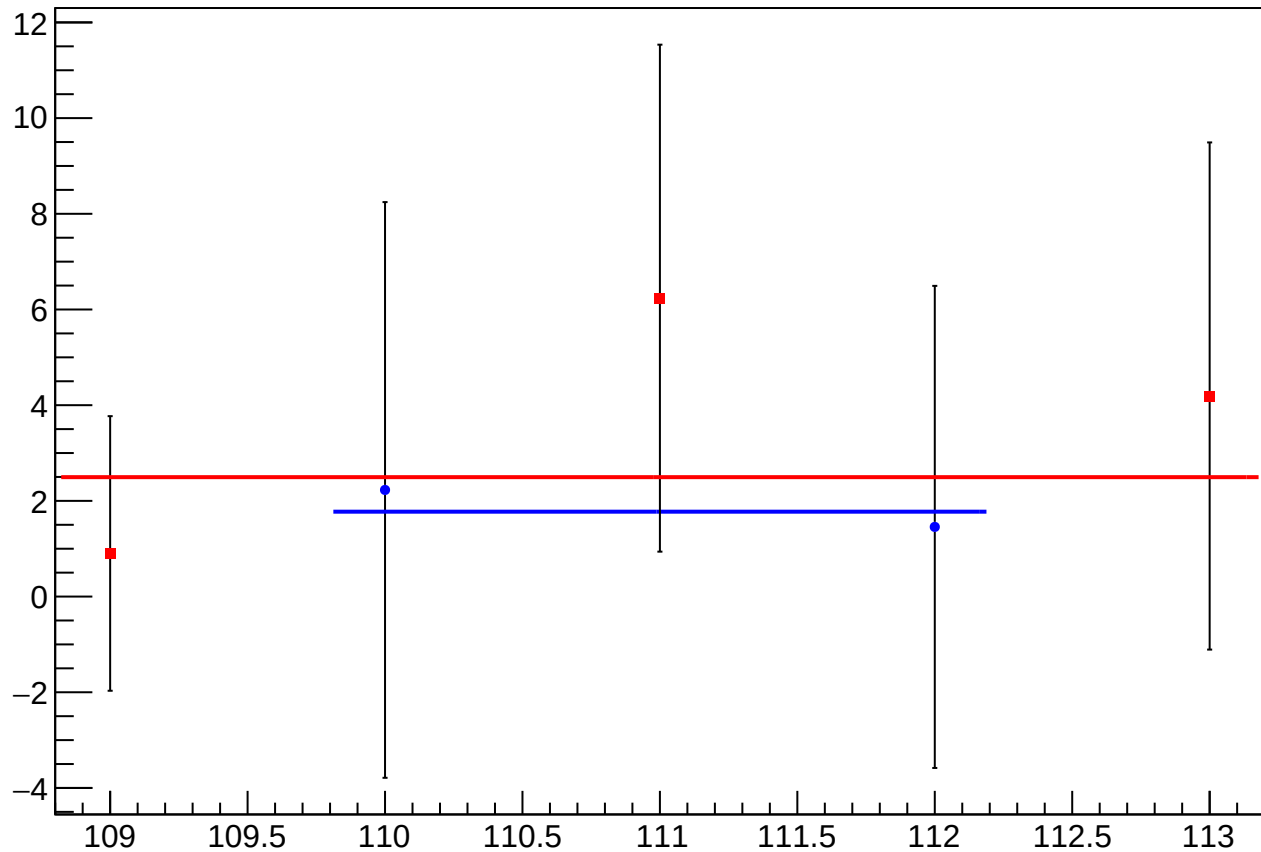
Right: 1609.911 $\pm$ 0.775 χ^2 /NDF: 126184.9/4

In: 1820.356 $\pm$ 1.380 χ^2 /NDF: 279.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1609.911 $\pm$ 0.775 χ^2 /NDF: 126184.9/4

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: 2.496+/-2.278 χ^2/NDF : 0.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

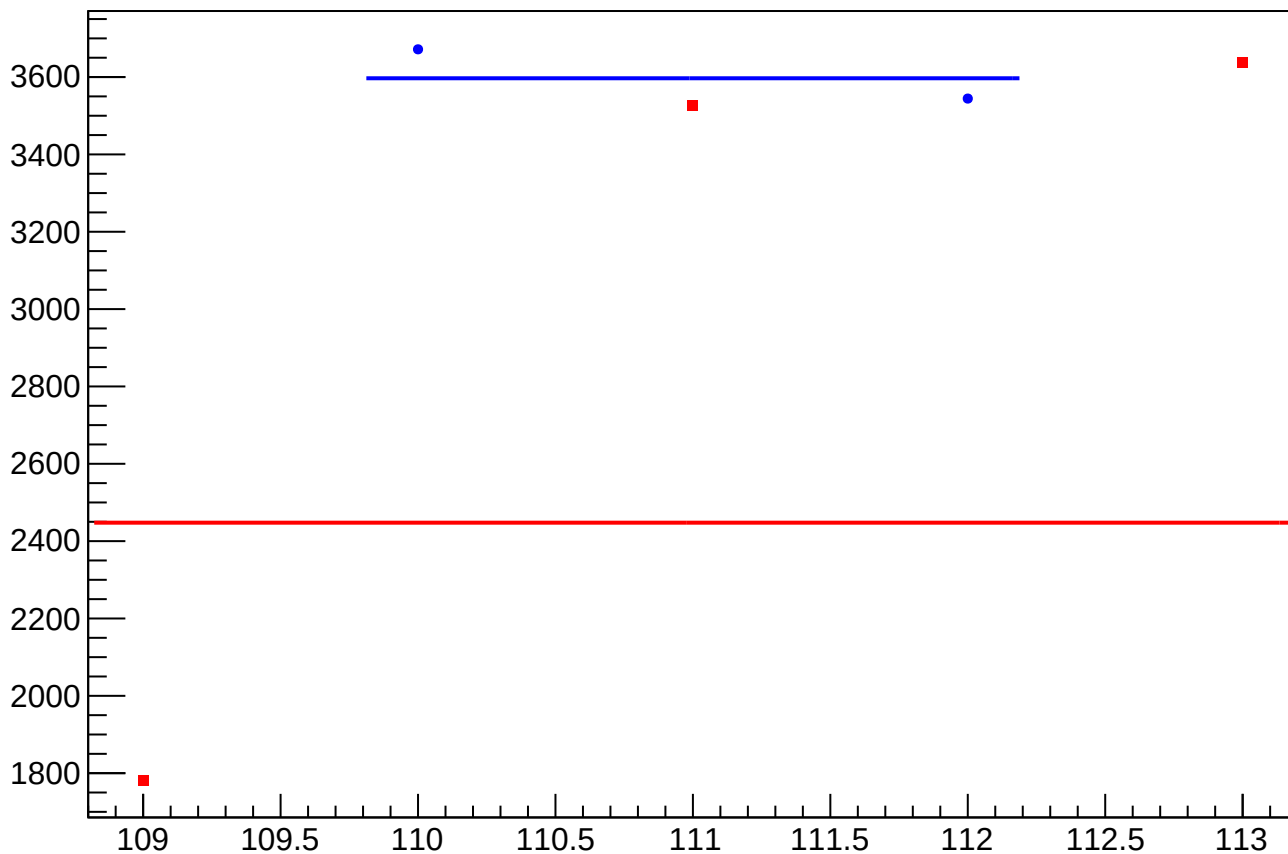
Right: 2.310+/-1.962 χ^2/NDF : 0.9/4

In: 1.774+/-3.863 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.310+/-1.962 χ^2/NDF : 0.9/4

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: 2447.734 $\pm$ 1.611 χ^2 /NDF: 291318.4/2

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

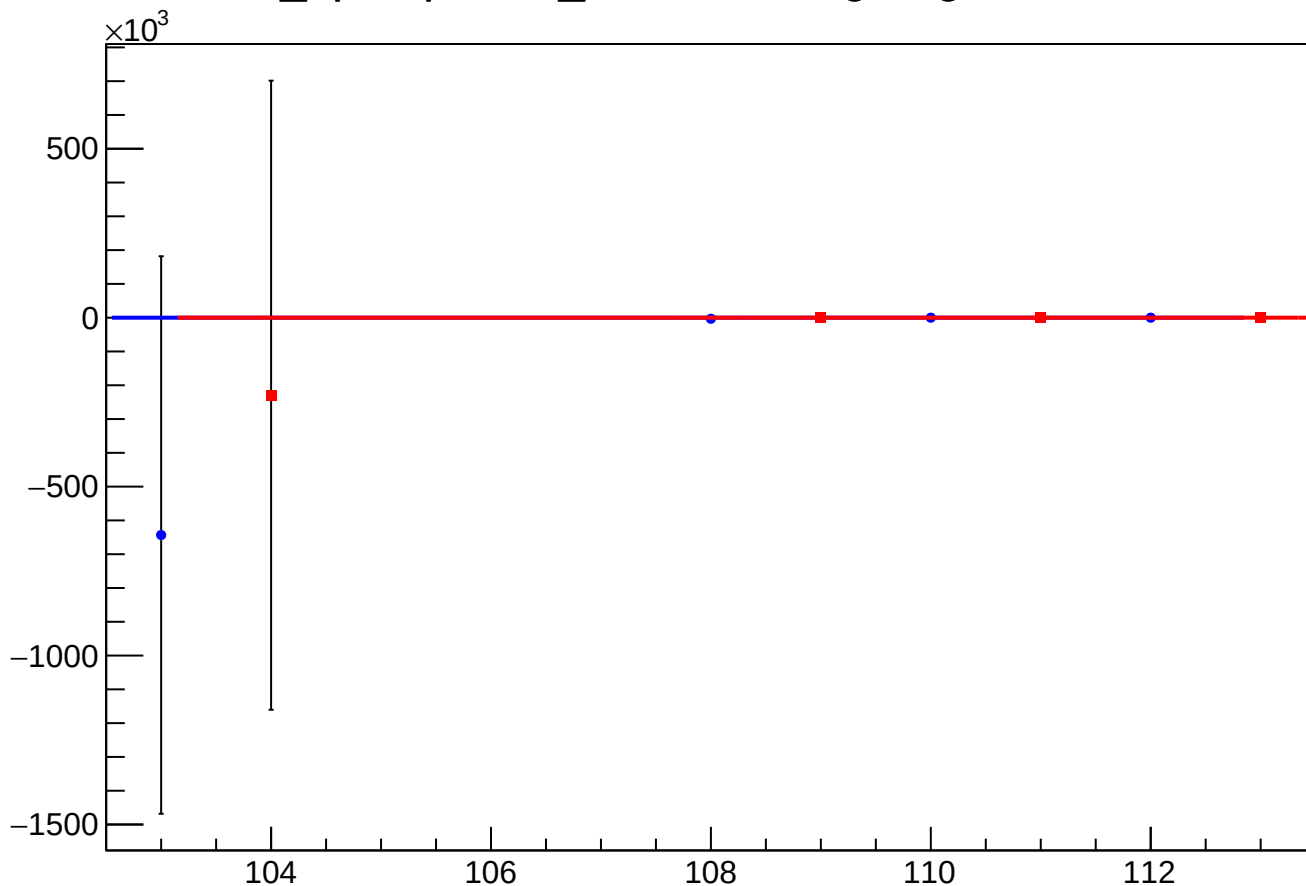
Right: 2744.344 $\pm$ 1.388 χ^2 /NDF: 423177.3/4

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: 2744.344 $\pm$ 1.388 χ^2 /NDF: 423177.3/4

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: 3.781 $\pm$ 2.478 χ^2 /NDF: 4.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

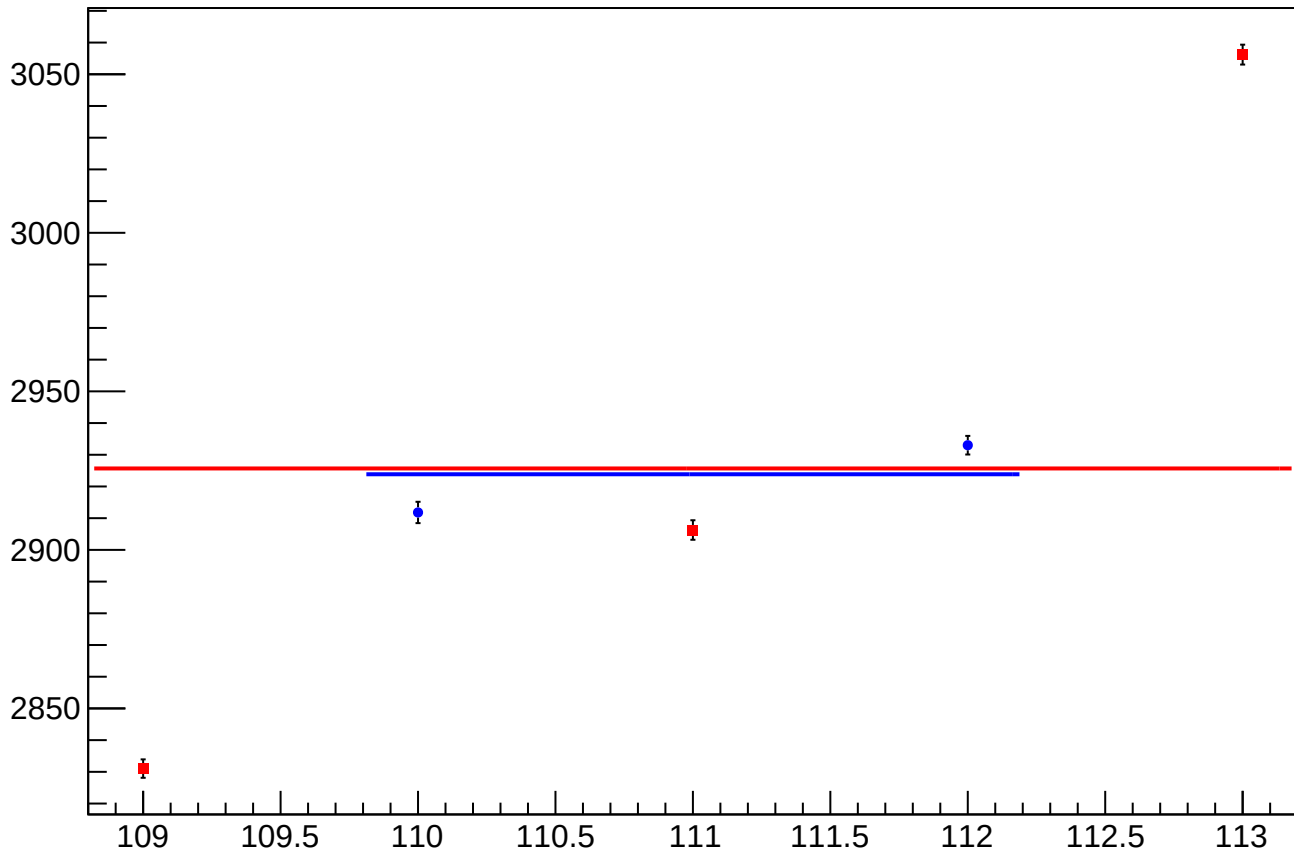
Right: 4.458 $\pm$ 1.942 χ^2 /NDF: 7.2/7

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: 4.458 $\pm$ 1.942 χ^2 /NDF: 7.2/7

diff_bpm1p03aX_rms vs Slug, Sign Corrected



Right In: 2923.849 ± 2.212 $\chi^2/\text{NDF}: 22.6/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 2925.679 ± 1.752 $\chi^2/\text{NDF}: 2832.7/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

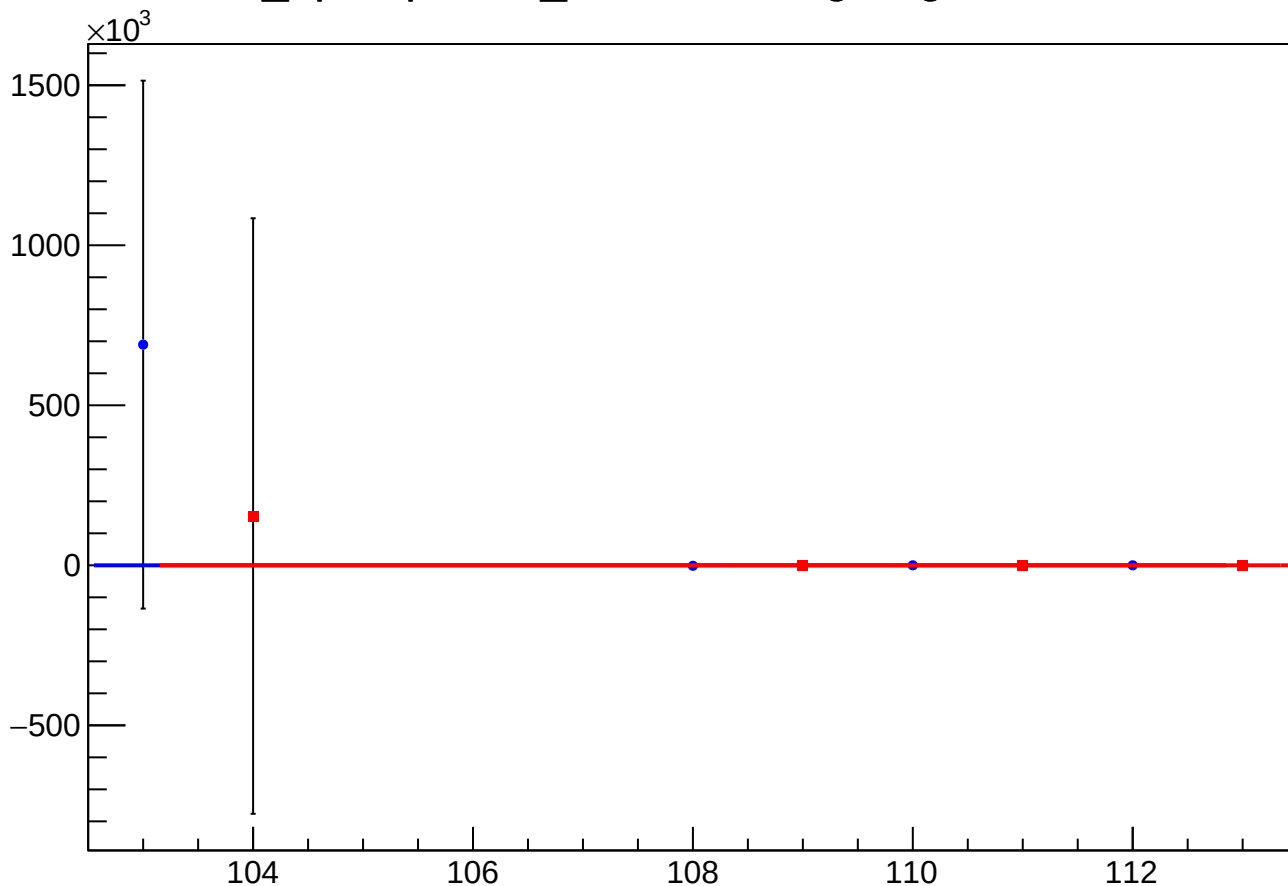
Right: 2924.974 ± 1.373 $\chi^2/\text{NDF}: 2855.7/4$

In: 2923.849 ± 2.212 $\chi^2/\text{NDF}: 22.6/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 2924.974 ± 1.373 $\chi^2/\text{NDF}: 2855.7/4$

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: 2.369+/-1.934 χ^2/NDF : 1.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

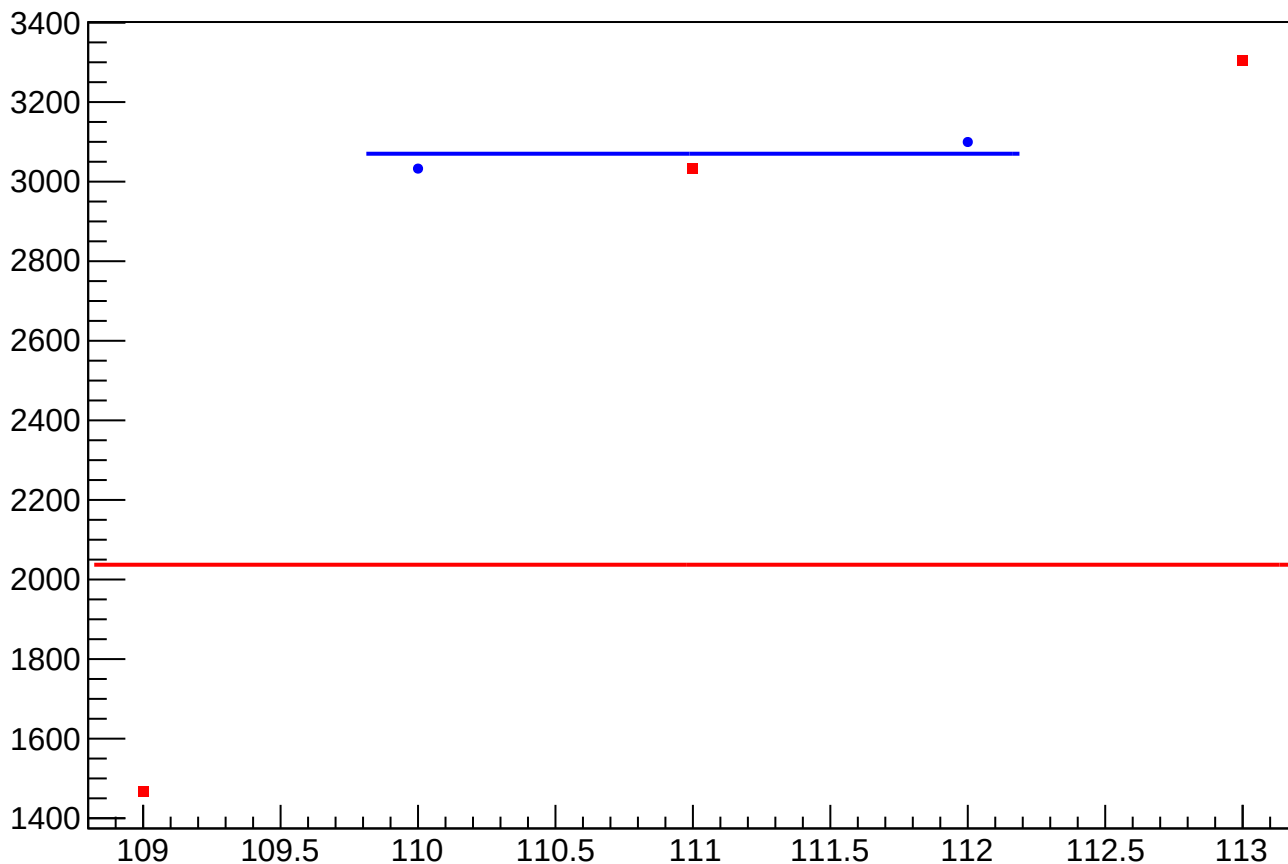
Right: 1.779+/-1.668 χ^2/NDF : 2.5/7

In: 0.067+/-3.296 χ^2/NDF : 1.1/3

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.779+/-1.668 χ^2/NDF : 2.5/7

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: 2037.150+/-1.368 χ^2 /NDF: 345954.3/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

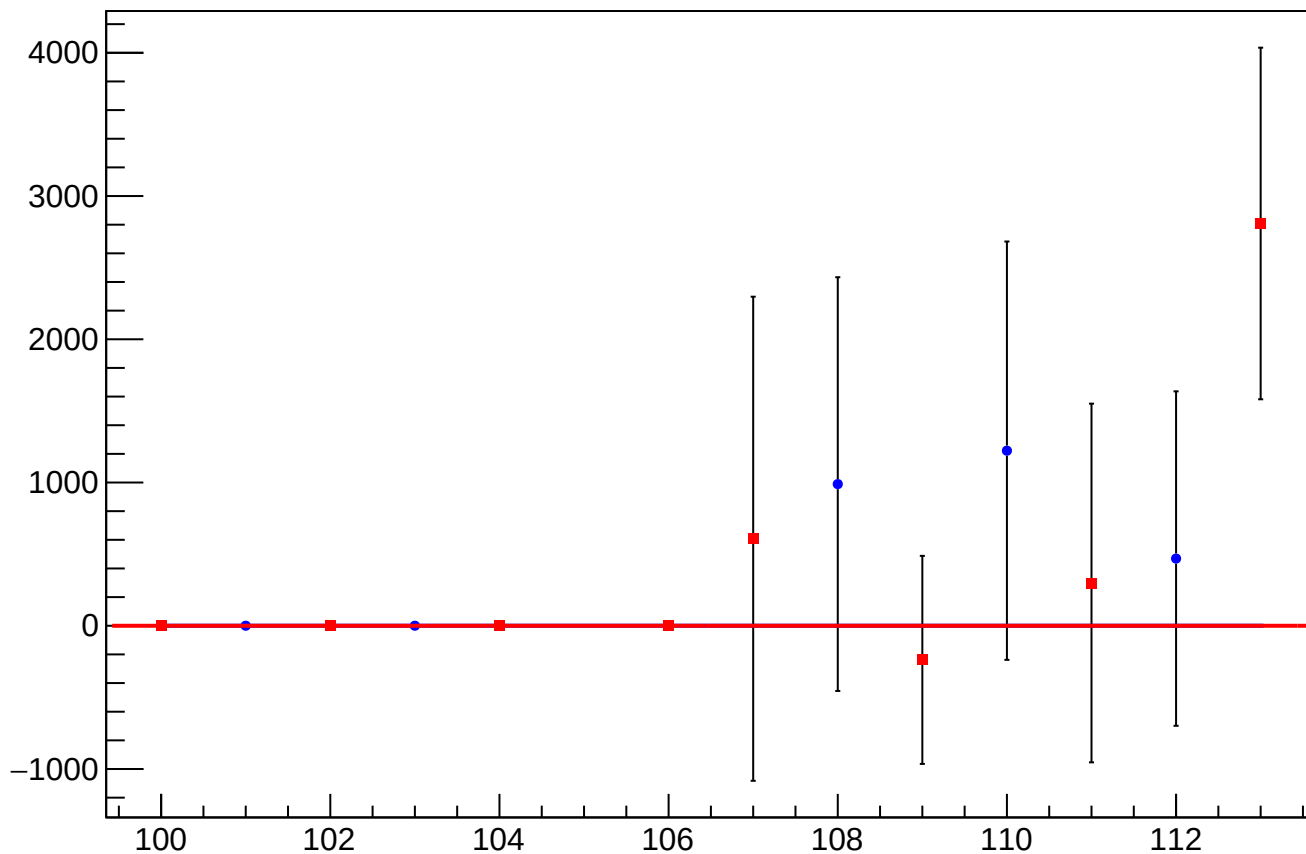
Right: 2301.766+/-1.180 χ^2 /NDF: 492281.9/4

In: 3070.154+/-2.331 χ^2 /NDF:202.9/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2301.766+/-1.180 χ^2 /NDF: 492281.9/4

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 : 9.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

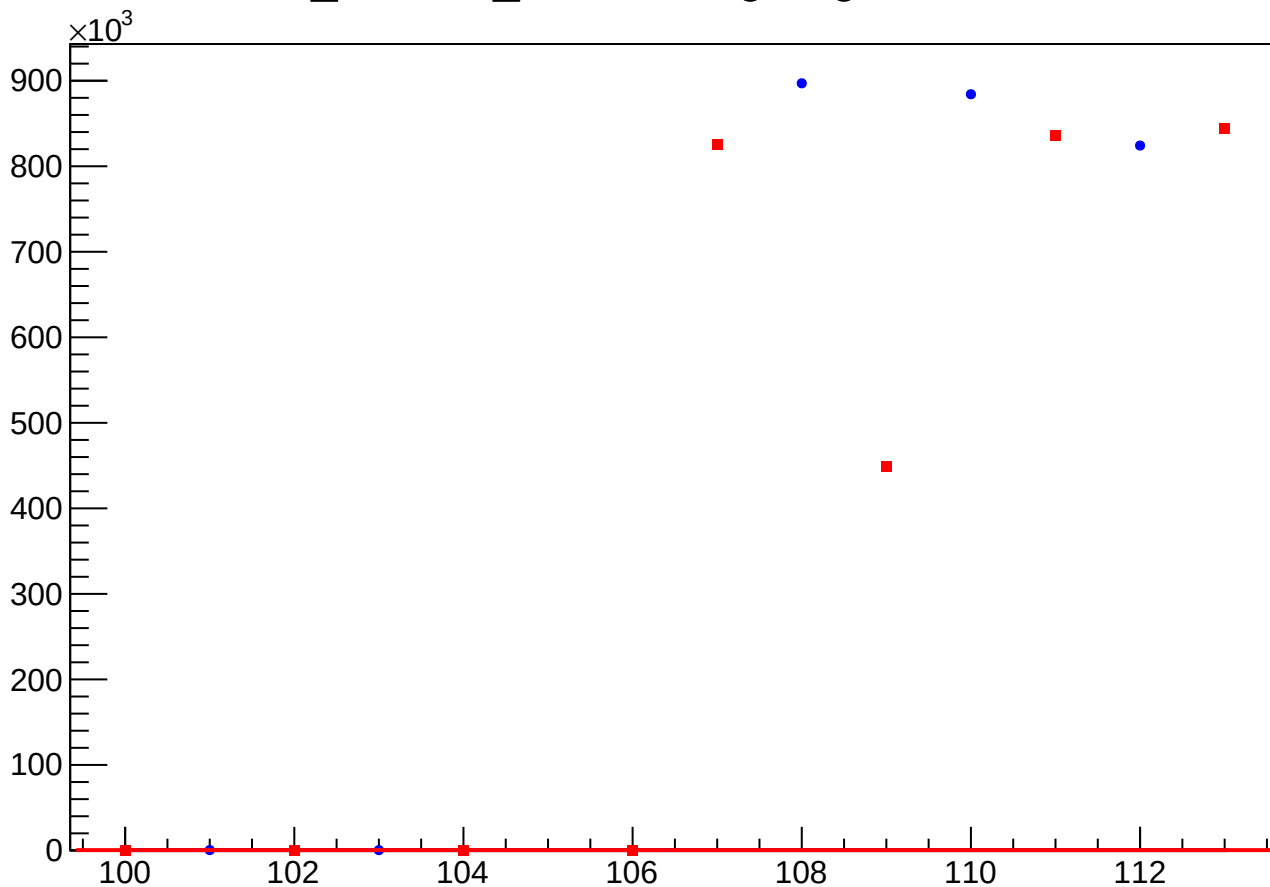
Right: 0.066+/-0.241 χ^2/NDF : 10.9/12

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 : 10.9/12

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: 392.914 $\pm$ 0.232 χ^2/NDF : 3058608.0/7

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

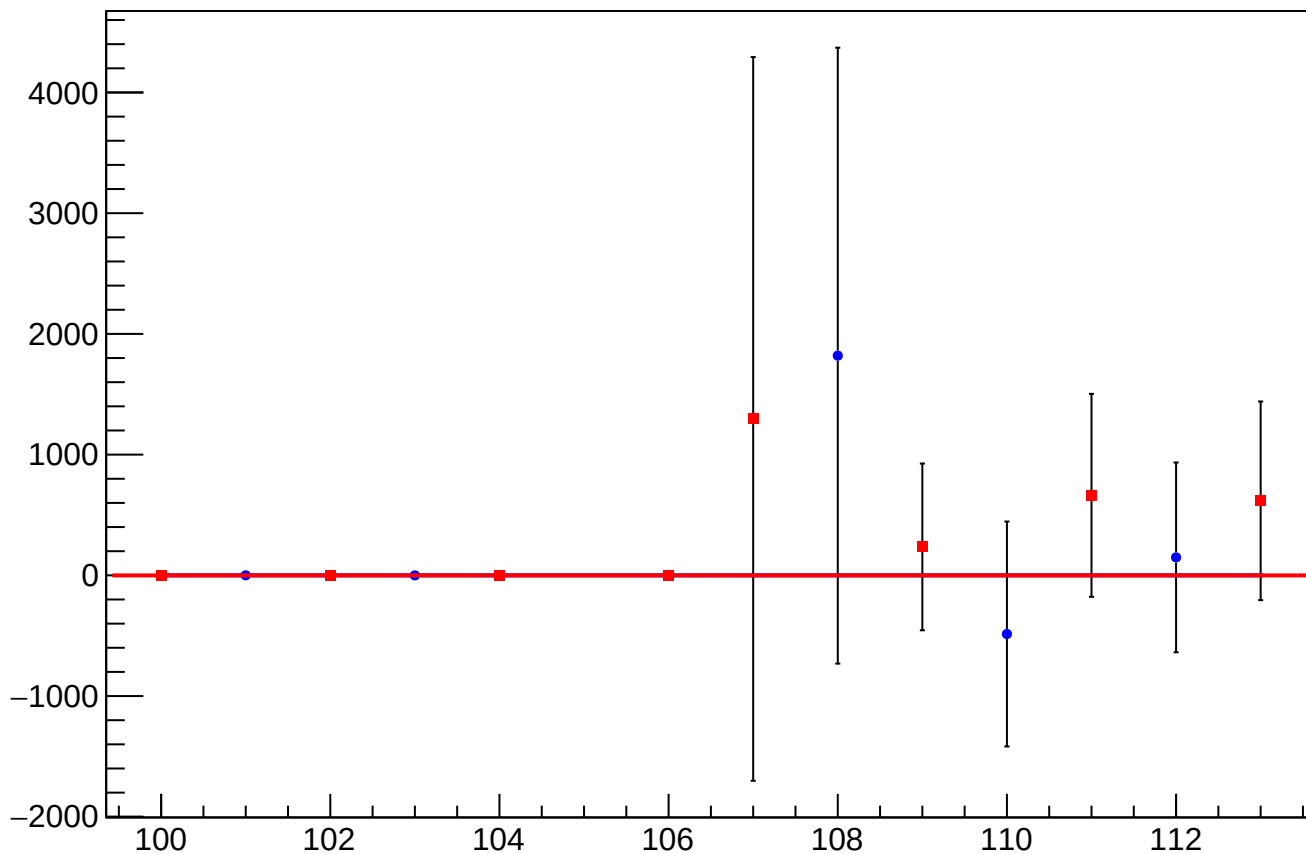
Right: 395.412 $\pm$ 0.170 χ^2/NDF : 5487601.3/12

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: 395.412 $\pm$ 0.170 χ^2/NDF : 5487601.3/12

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 : 1.6/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

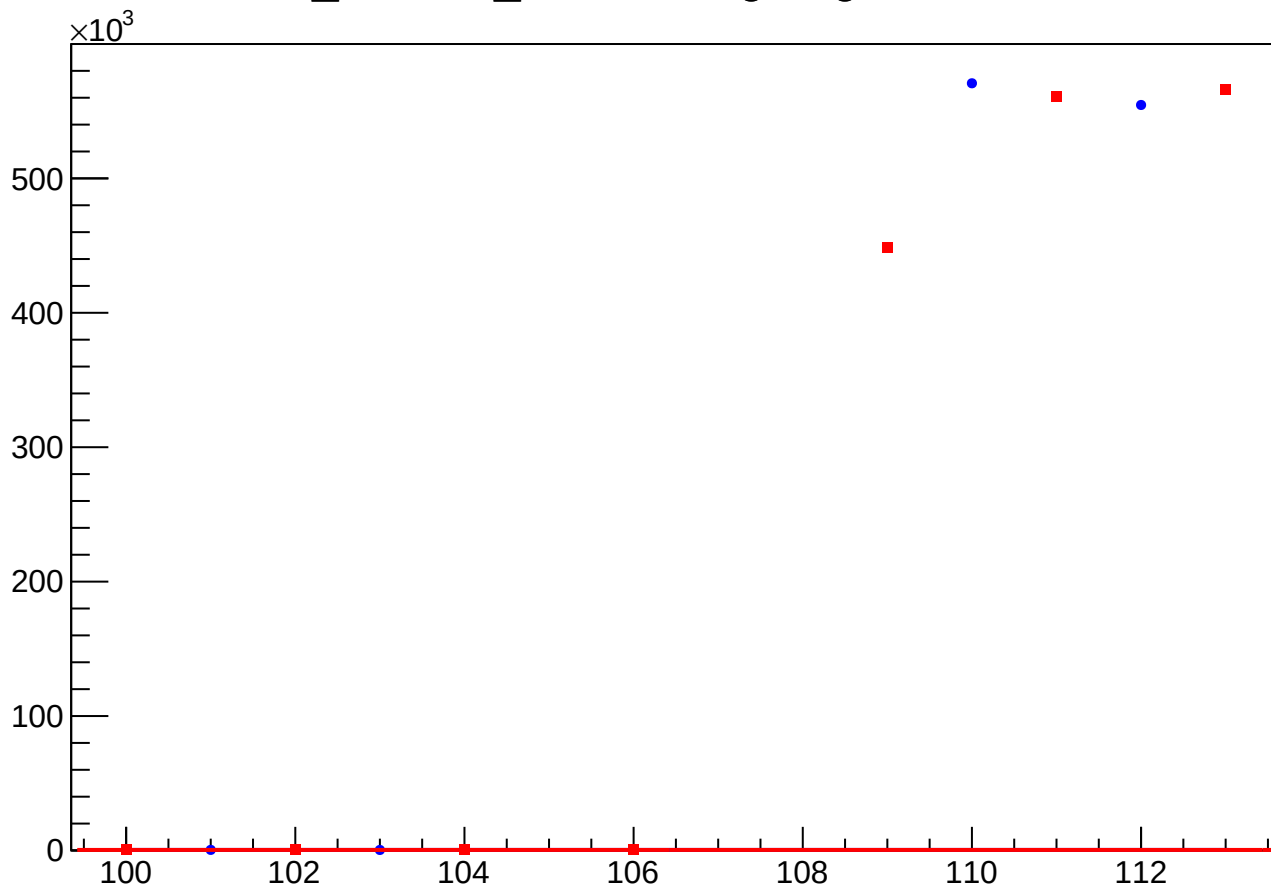
Right: -0.329 ± 0.237 χ^2/NDF : 4.6/12

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 : 4.6/12

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: 386.844 $\pm$ 0.229 χ^2/NDF : 2674055.7/6

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

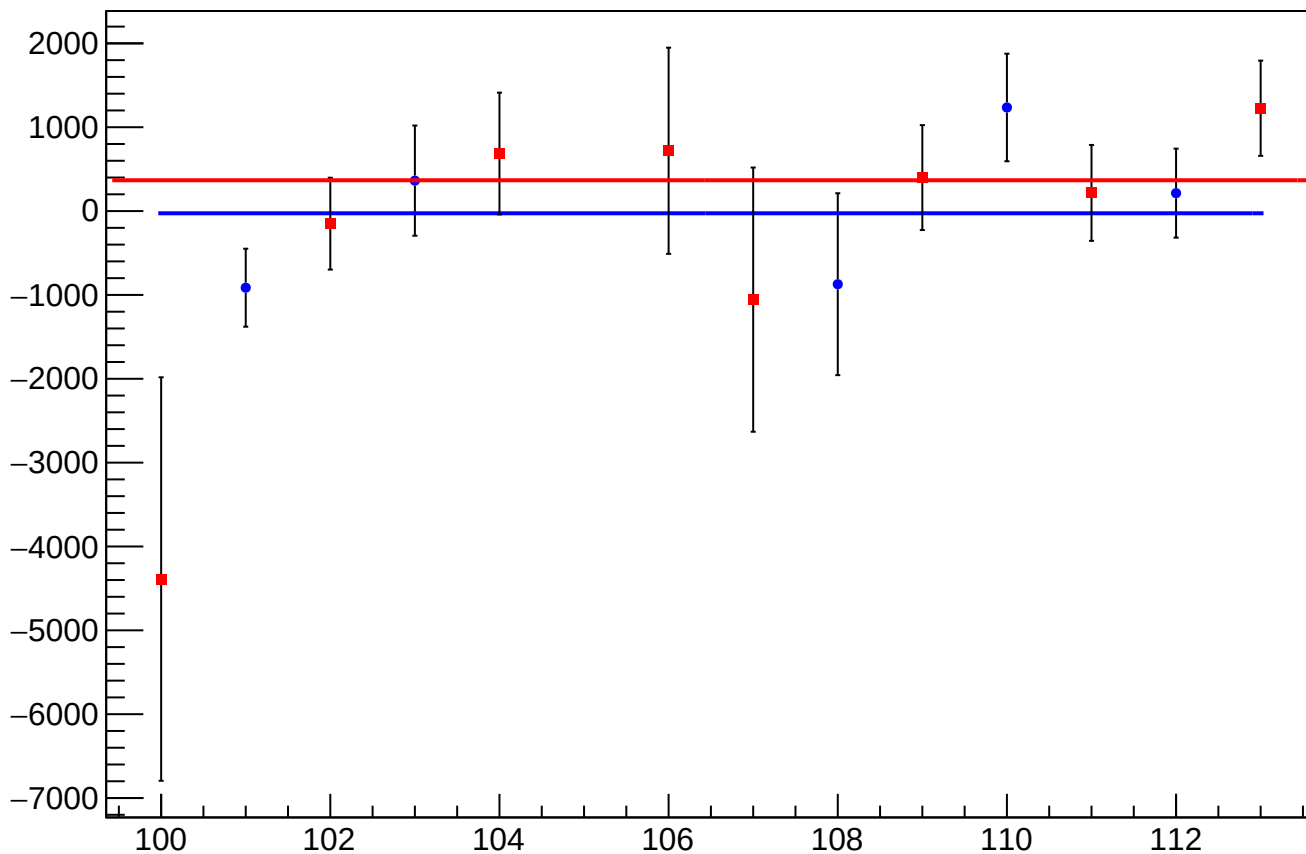
Right: 387.779 $\pm$ 0.167 χ^2/NDF : 4430118.8/10

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: 387.779 $\pm$ 0.167 χ^2/NDF : 4430118.8/10

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: 367.459 ± 256.663 $\chi^2/\text{NDF}: 8.3/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

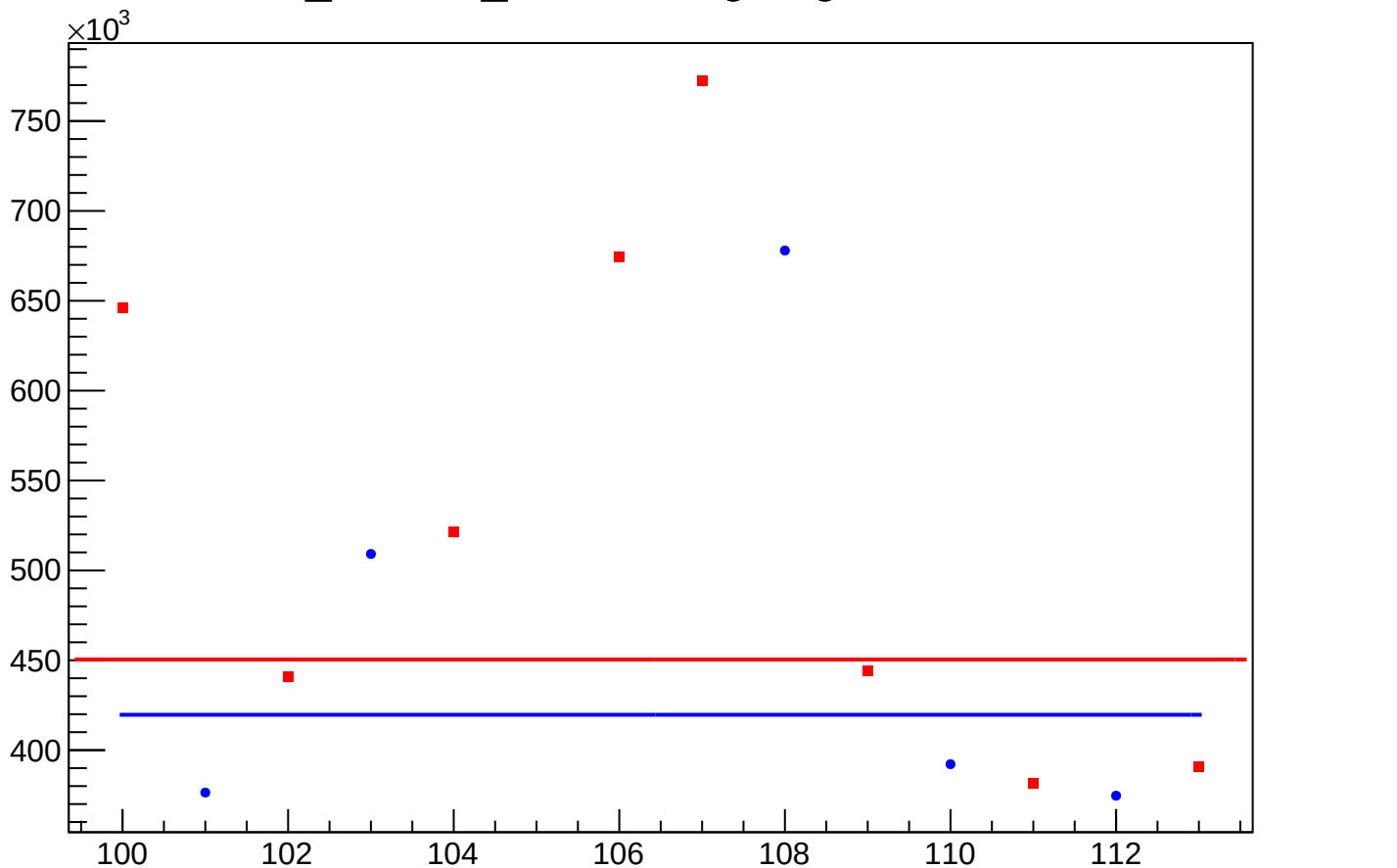
Right: 180.169 ± 185.850 $\chi^2/\text{NDF}: 18.0/12$

In: -26.272 ± 269.466 $\chi^2/\text{NDF}: 8.7/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

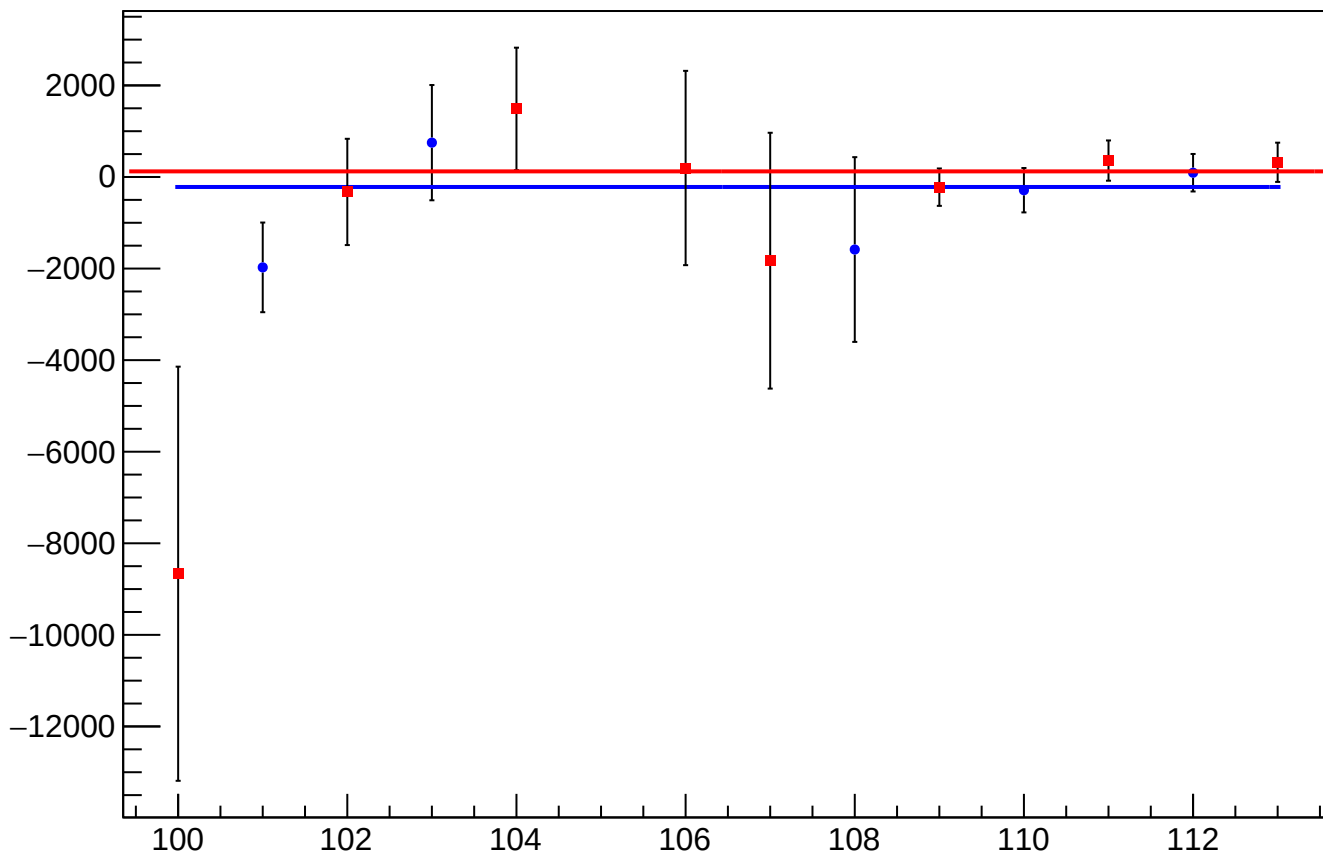
All: 180.169 ± 185.850 $\chi^2/\text{NDF}: 18.0/12$

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: 435800.217 $\pm$ 131.462 χ^2/NDF : 431535.4/12
 Right Out: 450448.937 $\pm$ 181.612 χ^2/NDF : 231989.6/7
 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: 435800.217 $\pm$ 131.462 χ^2/NDF : 431535.4/12

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -218.159 $\pm$ 287.068 χ^2 /NDF: 4.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 122.506 $\pm$ 233.590 χ^2 /NDF: 6.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

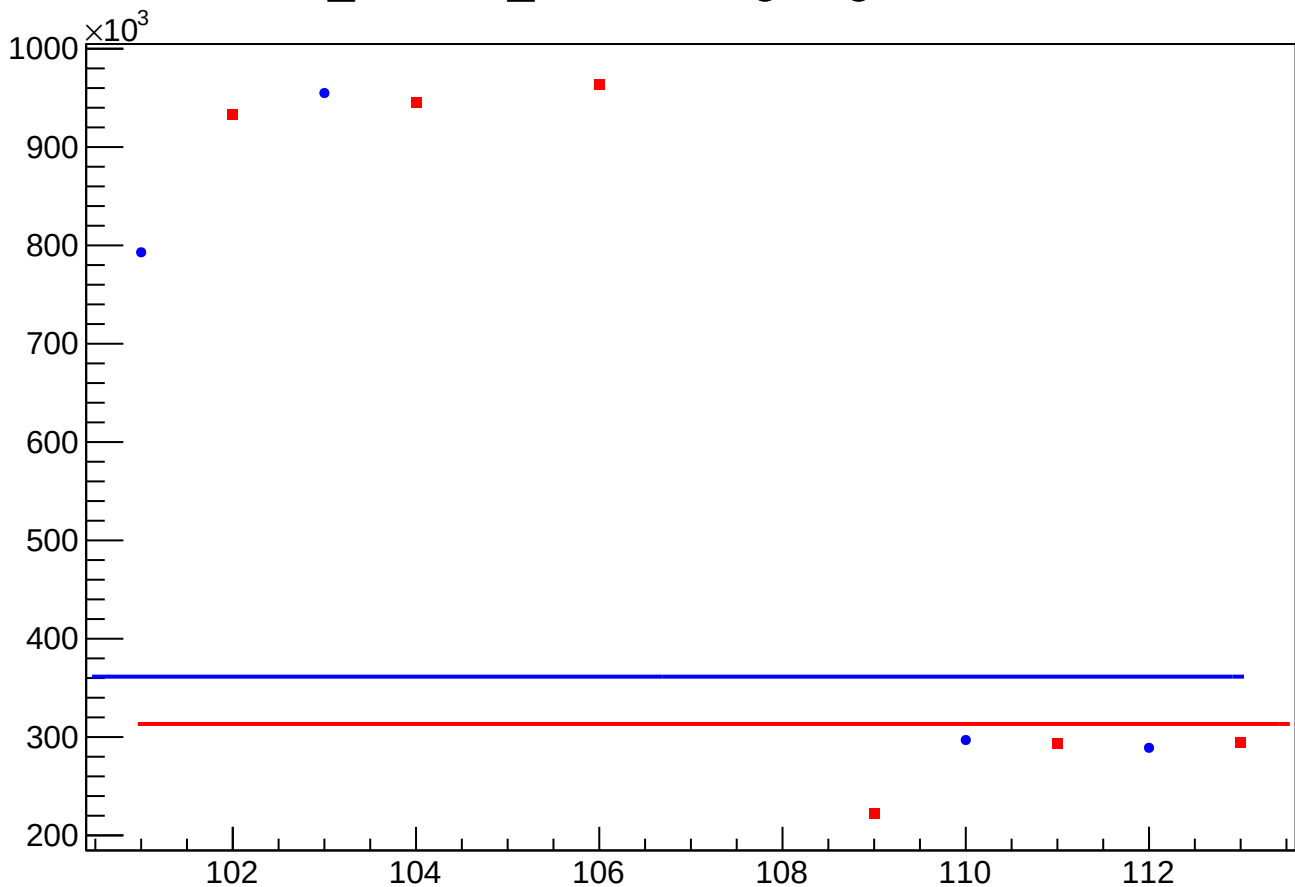
Right: -13.201 $\pm$ 181.185 χ^2 /NDF: 12.4/12

In: -218.159 $\pm$ 287.068 χ^2 /NDF: 4.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -13.201 $\pm$ 181.185 χ^2 /NDF: 12.4/12

diff_cav4cY_rms vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right In: 361441.982+/-206.828 χ^2/NDF : 789525.5/3

Right: 332467.088+/-130.483 χ^2/NDF : 1852584.5/9

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 361441.982+/-206.828 χ^2/NDF : 789525.5/3

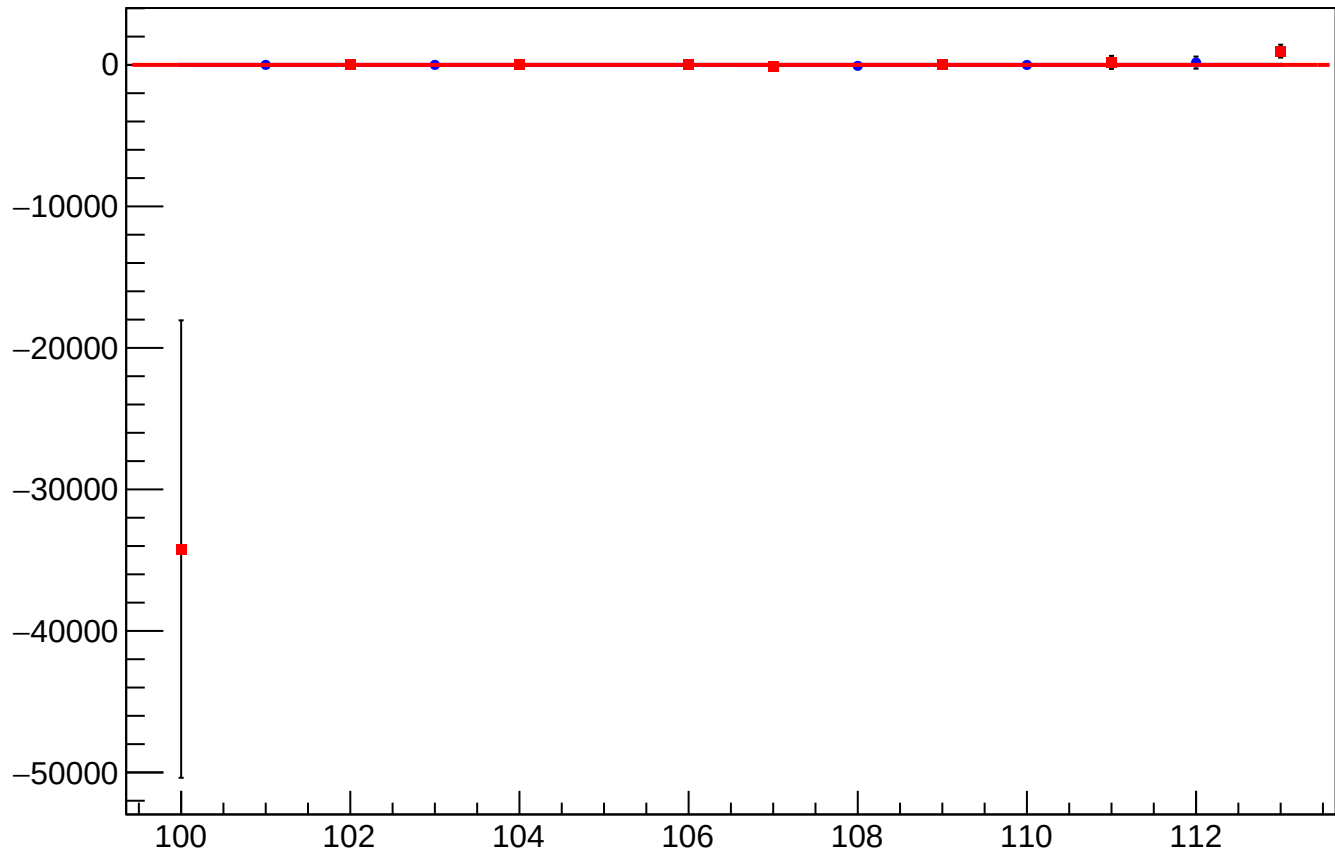
Right Out: 313310.657+/-168.173 χ^2/NDF : 1030458.1/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 332467.088+/-130.483 χ^2/NDF : 1852584.5/9

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 : 9.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

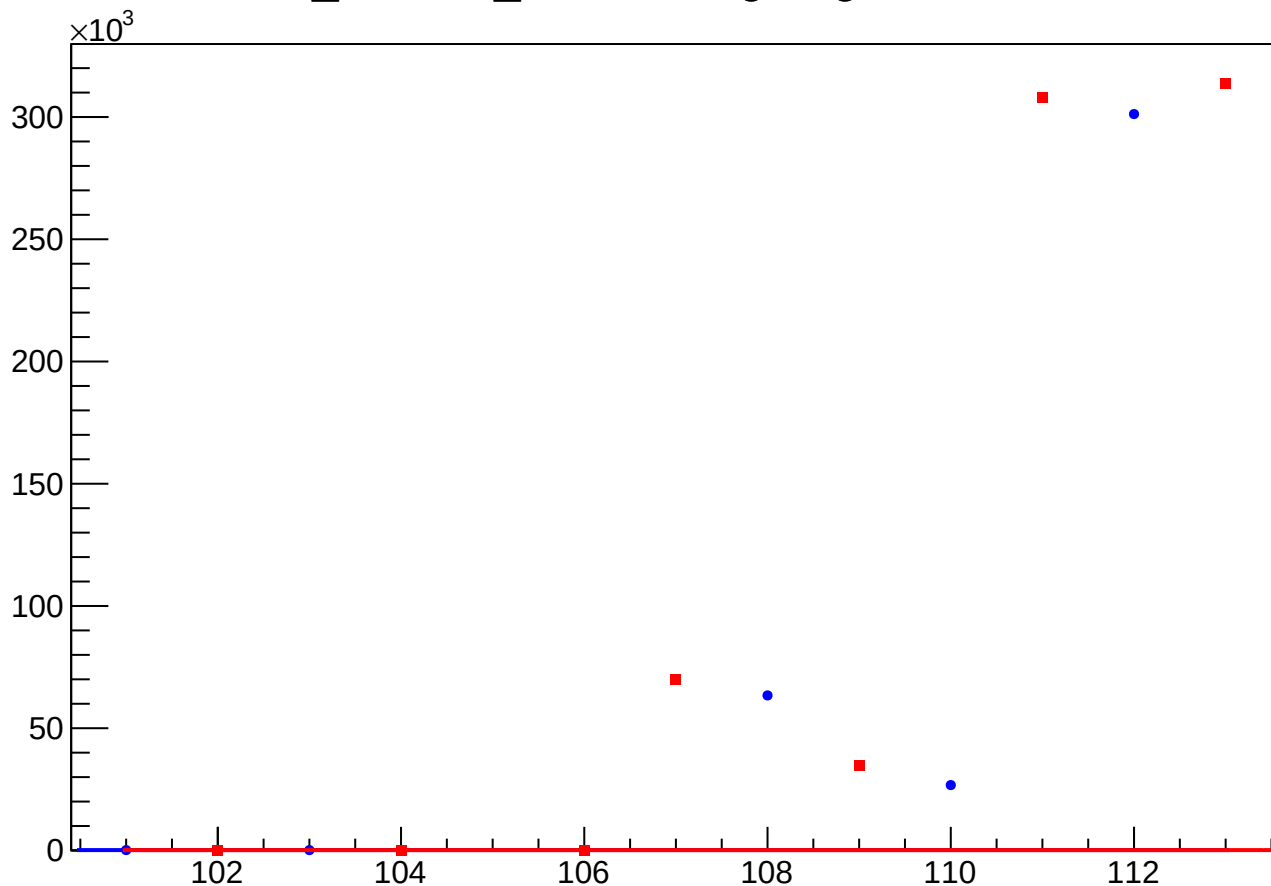
Right: 0.174+/-0.117 χ^2/NDF : 13.9/12

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 : 13.9/12

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: 149.067+/-0.113 χ^2/NDF : 2920954.4/6

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

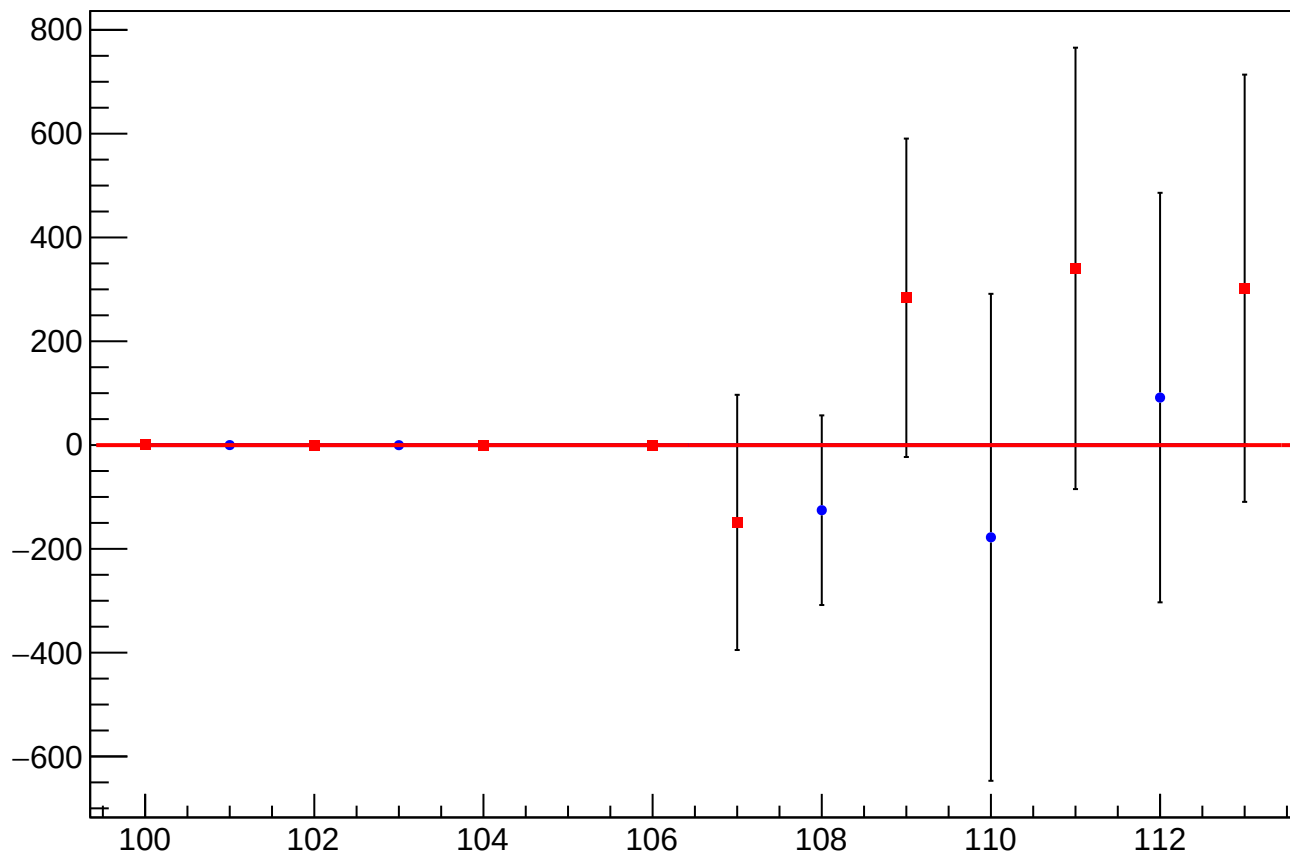
Right: 148.883+/-0.083 χ^2/NDF : 4971376.1/11

In: 148.669+/-0.122 χ^2/NDF : 2050416.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.883+/-0.083 χ^2/NDF : 4971376.1/11

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 : 2.6/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

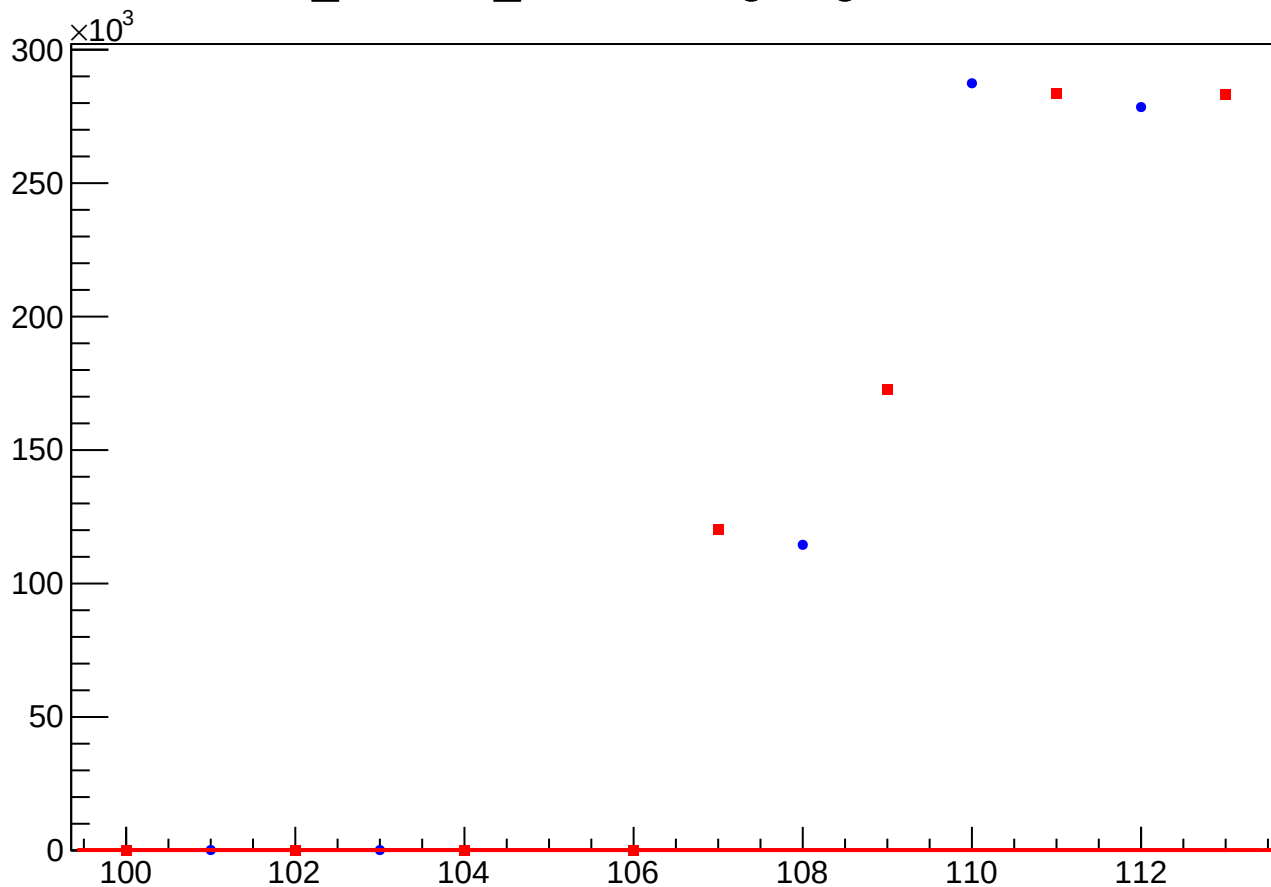
Right: -0.098 ± 0.121 χ^2/NDF : 3.5/12

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 : 3.5/12

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: 155.549 $\pm$ 0.118 χ^2/NDF : 2937158.8/7

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

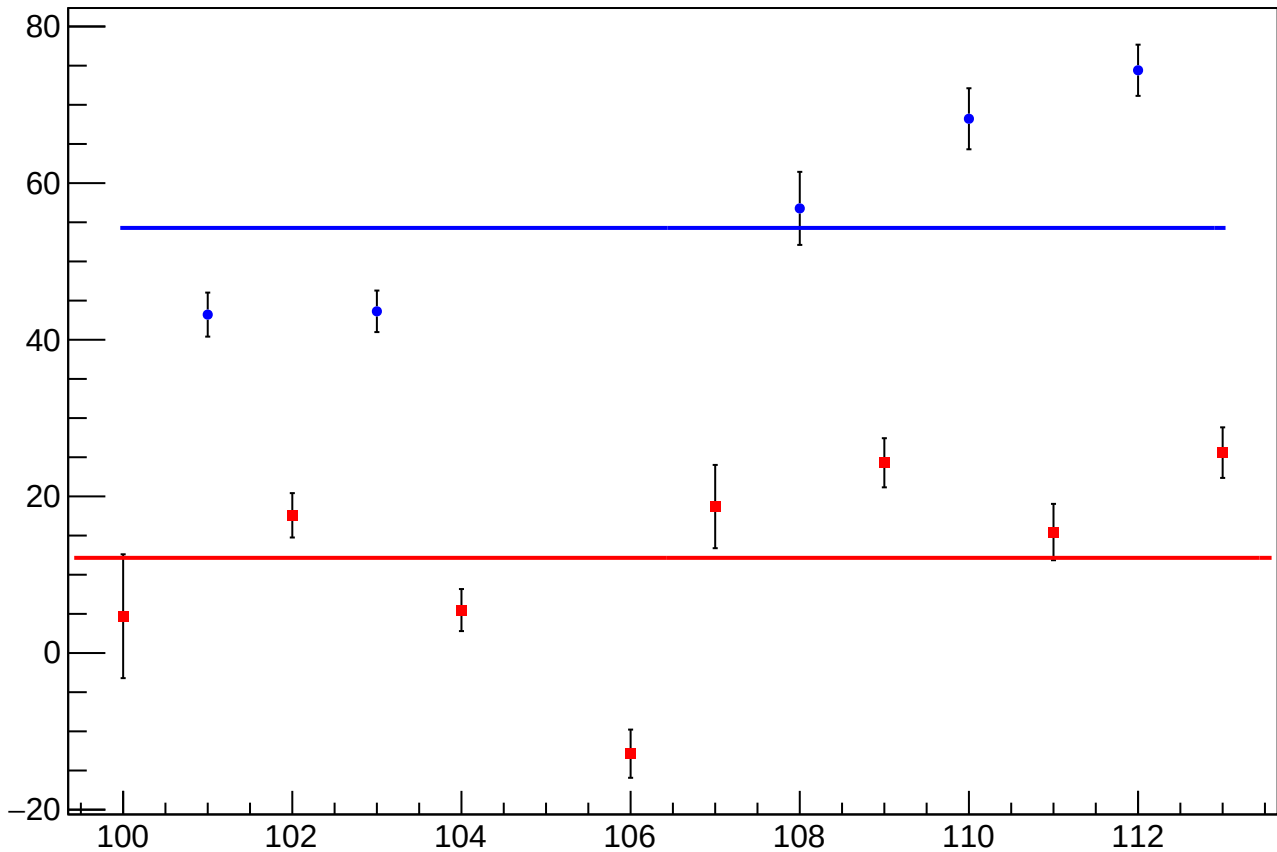
Right: 154.222 $\pm$ 0.086 χ^2/NDF : 5466676.4/12

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: 154.222 $\pm$ 0.086 χ^2/NDF : 5466676.4/12

diff_bpm0i01X_mean vs Slug, Sign Corrected



Right In: 54.281 $\pm$ 1.452 χ^2 /NDF: 82.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 12.154 $\pm$ 1.199 χ^2 /NDF: 111.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

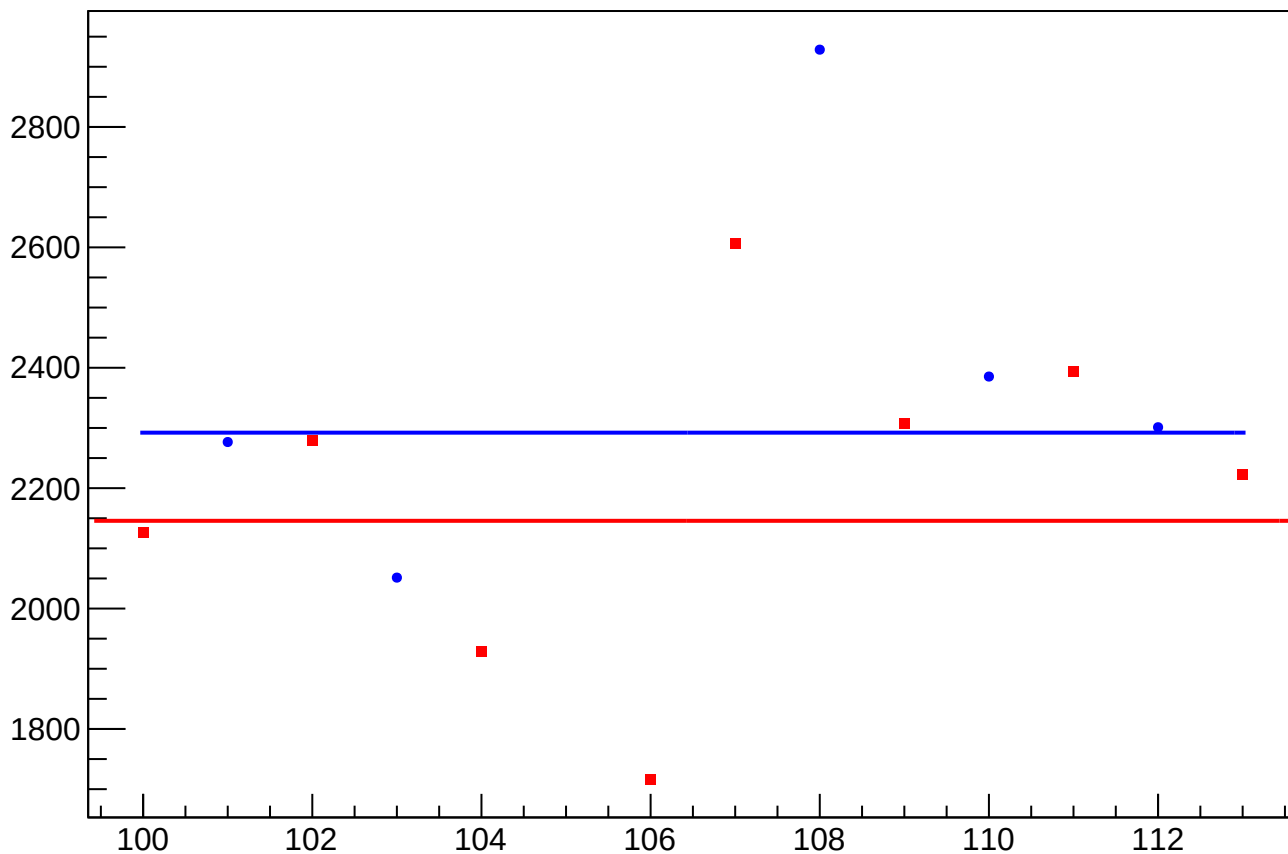
Right: 29.240 $\pm$ 0.925 χ^2 /NDF: 694.4/12

In: 54.281 $\pm$ 1.452 χ^2 /NDF:82.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 29.240 $\pm$ 0.925 χ^2 /NDF: 694.4/12

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: 2145.753+/-0.848 χ^2/NDF : 87523.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

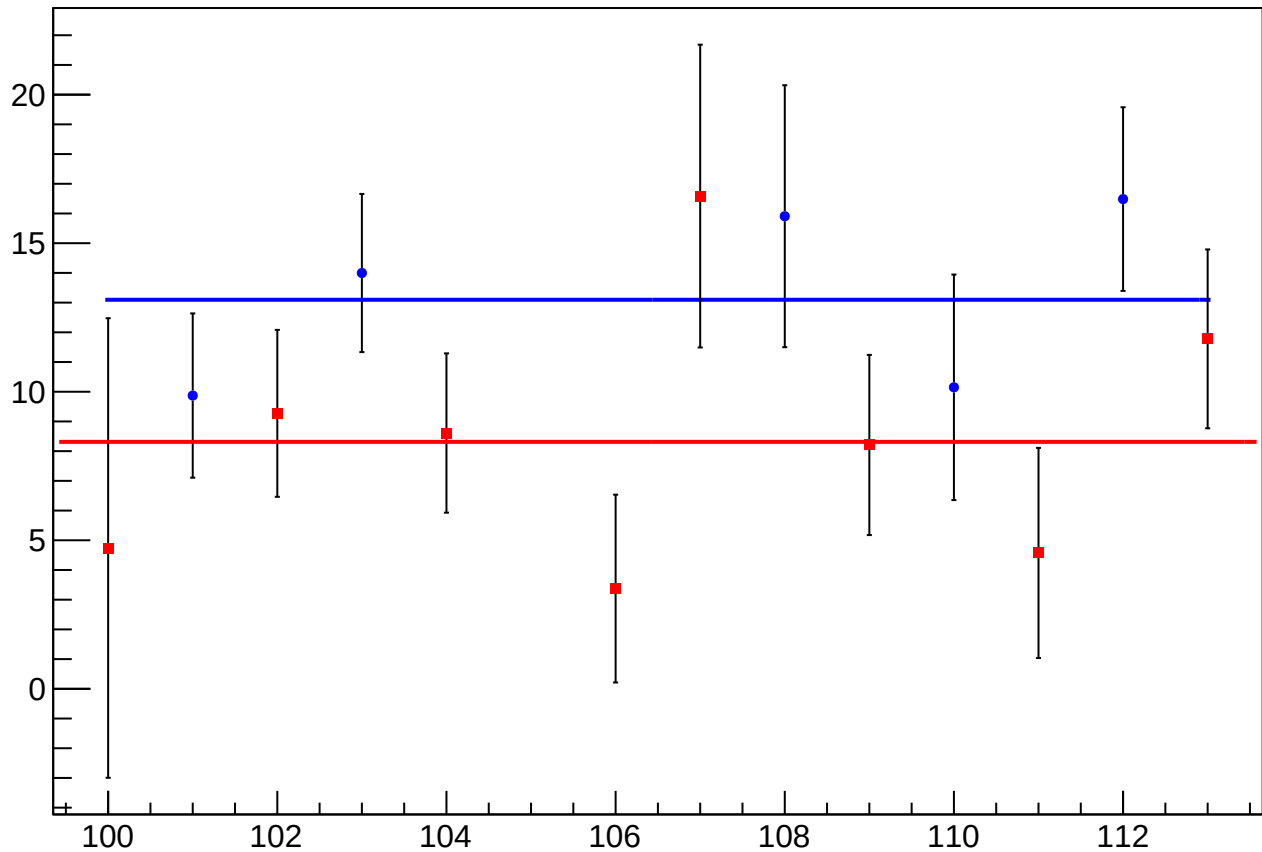
Right: 2205.151+/-0.654 χ^2/NDF : 154556.8/12

In: 2292.205+/-1.027 χ^2/NDF : 54940.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2205.151+/-0.654 χ^2/NDF : 154556.8/12

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: 8.313+/-1.178 χ^2/NDF : 7.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

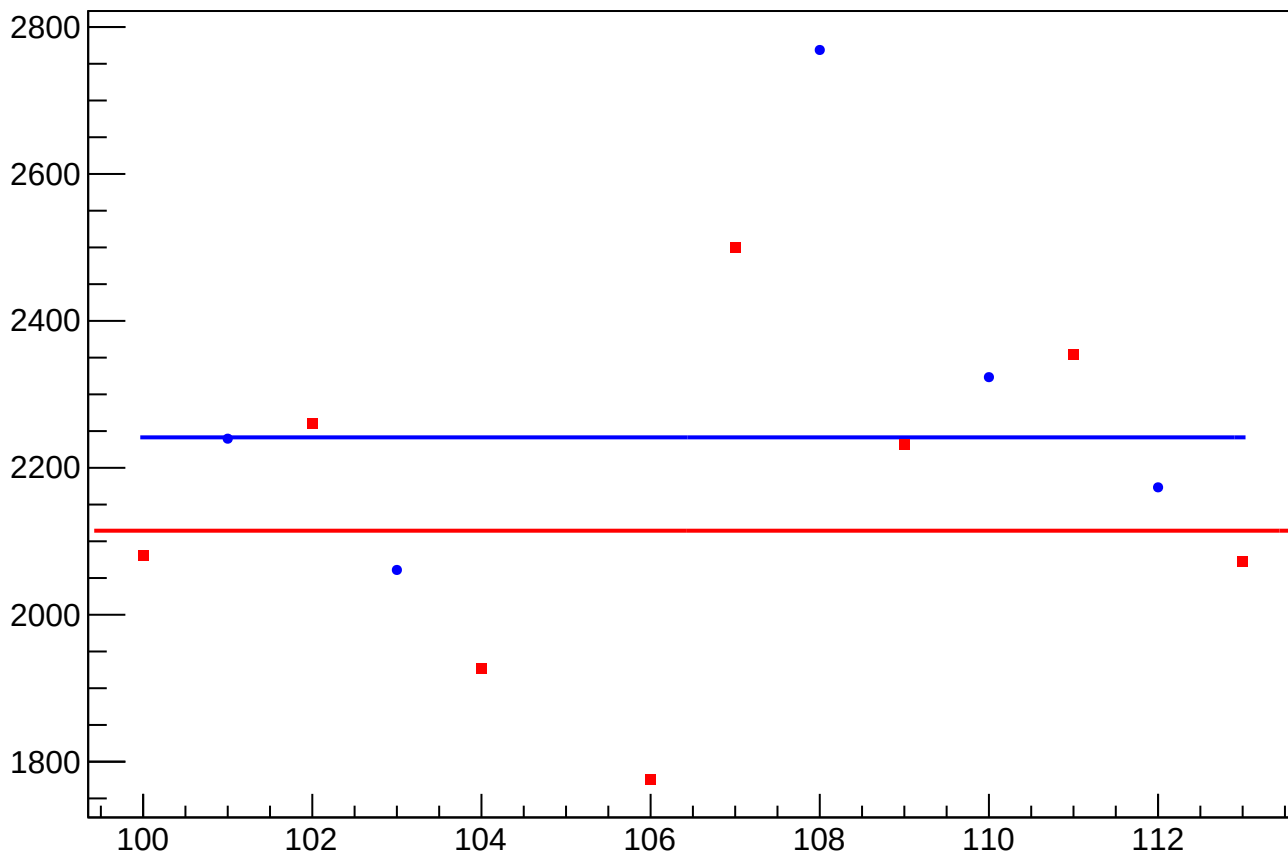
Right: 10.267+/-0.906 χ^2/NDF : 18.3/12

In: 13.096+/-1.418 χ^2/NDF : 3.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.267+/-0.906 χ^2/NDF : 18.3/12

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: 2114.414+/-0.833 χ^2/NDF : 62218.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

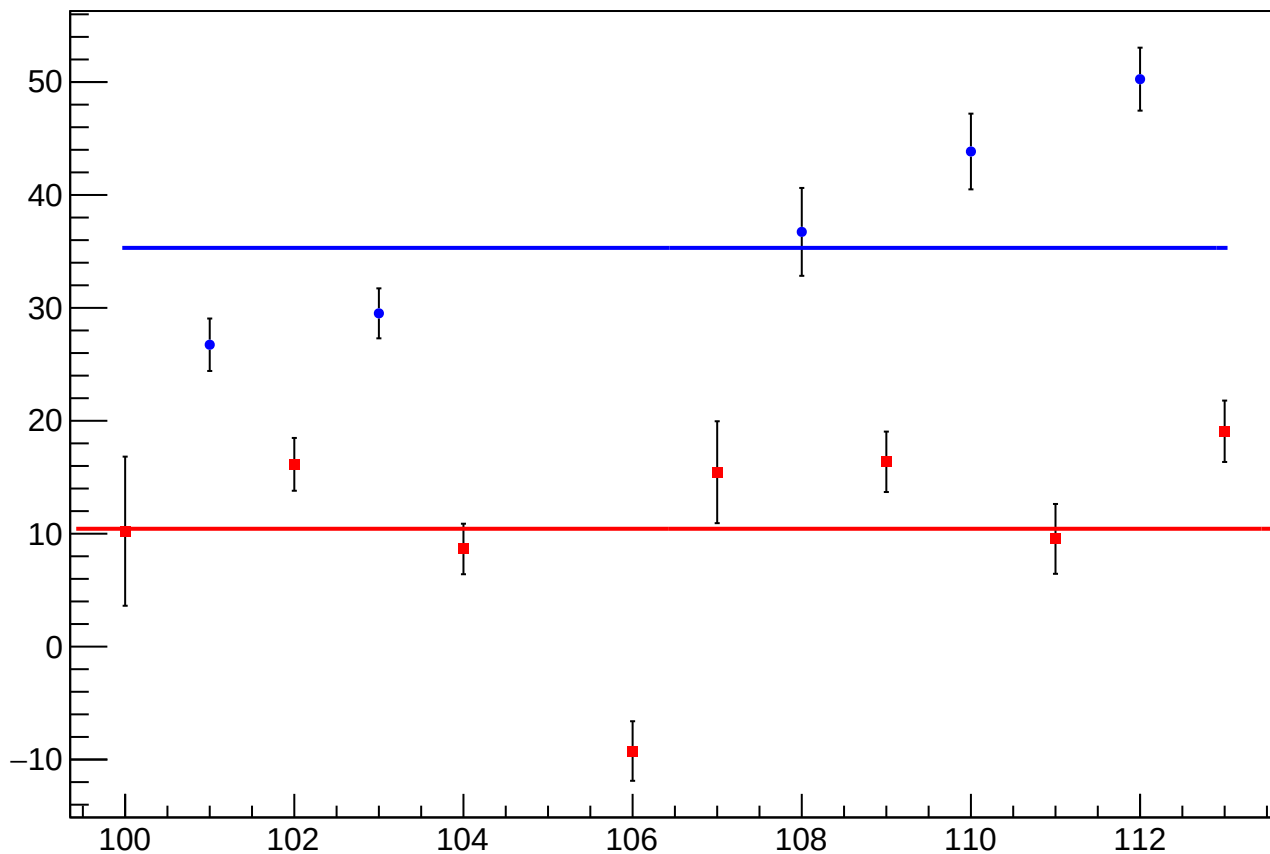
Right: 2166.320+/-0.641 χ^2/NDF : 111420.1/12

In: 2241.471+/-1.003 χ^2/NDF : 39701.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2166.320+/-0.641 χ^2/NDF : 111420.1/12

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: 10.437+/-1.011 χ^2/NDF : 78.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

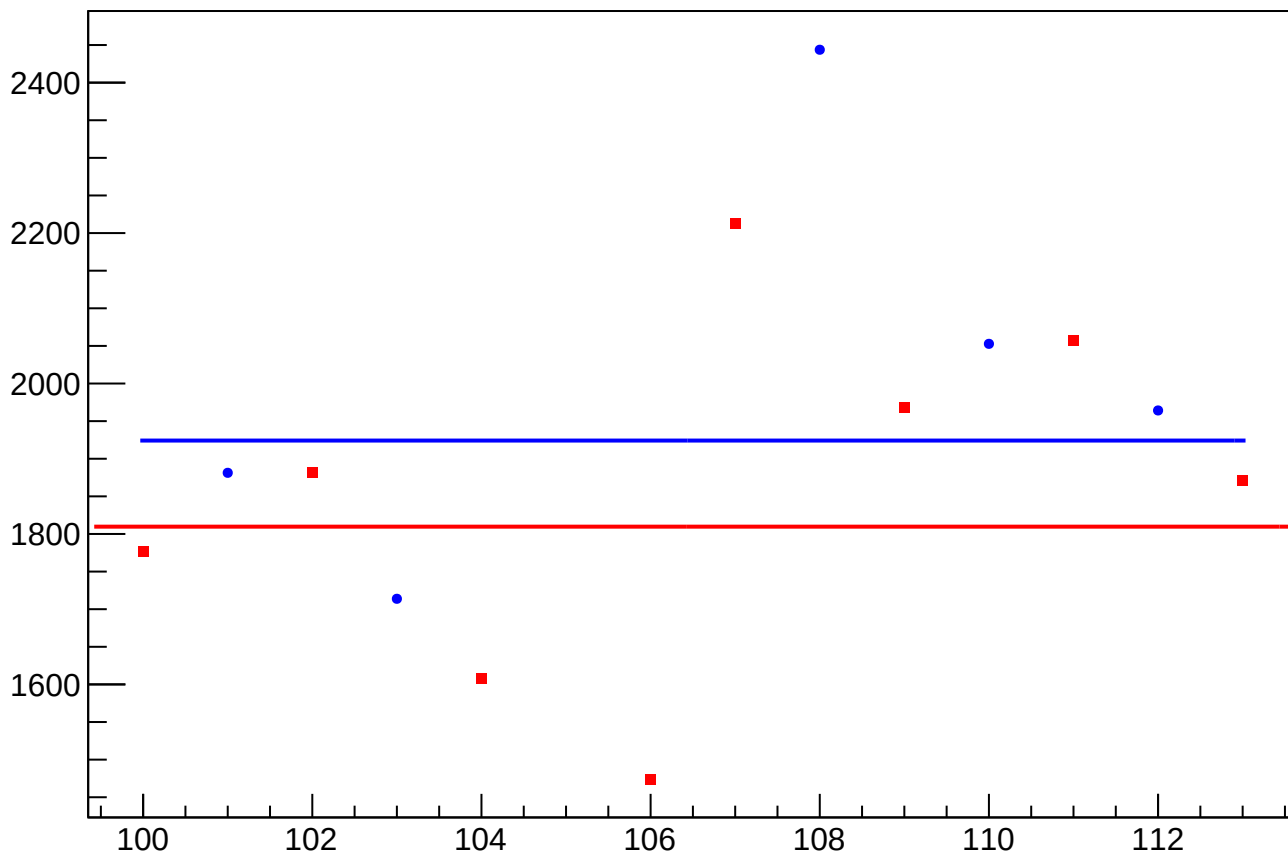
Right: 20.579+/-0.778 χ^2/NDF : 381.2/12

In: 35.314+/-1.219 χ^2/NDF : 55.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.579+/-0.778 χ^2/NDF : 381.2/12

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: 1809.719+/-0.715 χ^2/NDF : 87550.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

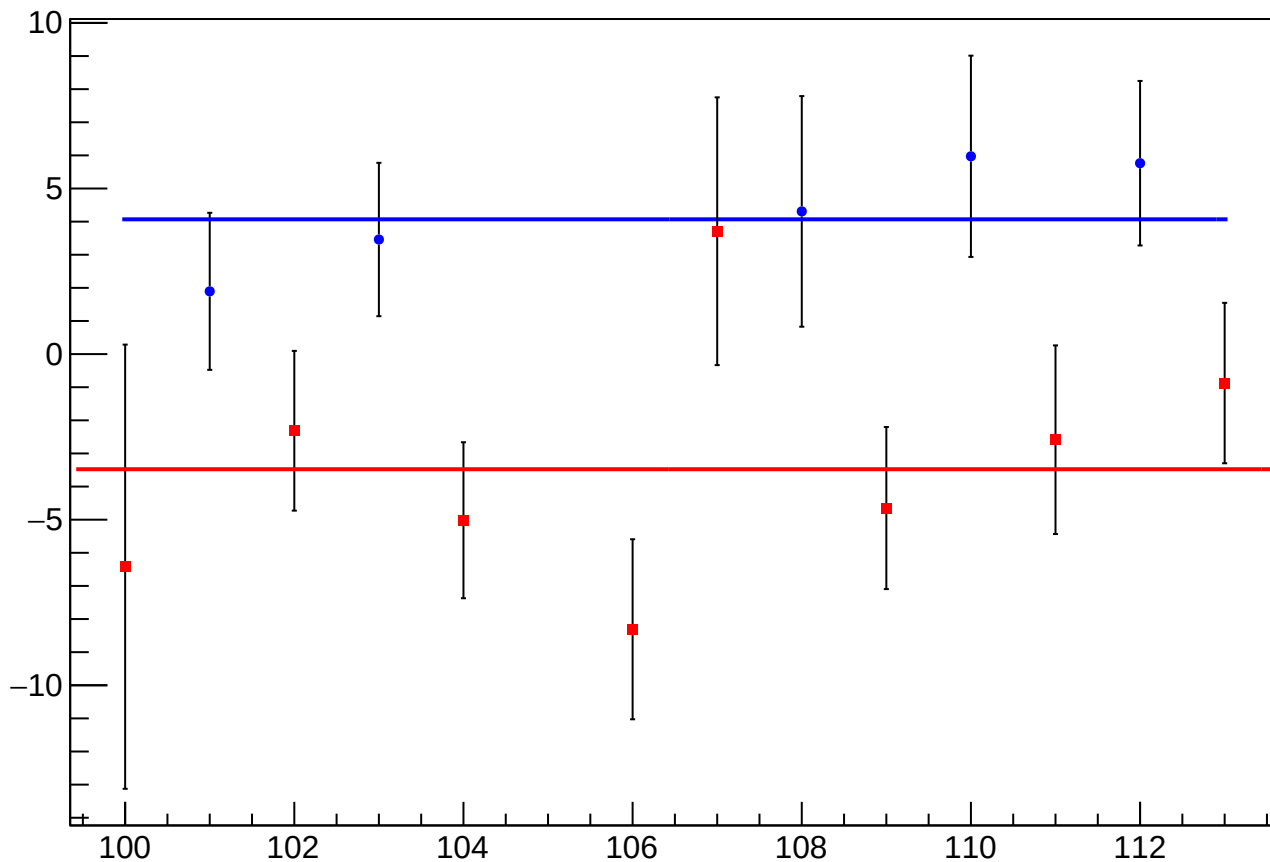
Right: 1856.379+/-0.550 χ^2/NDF : 155744.1/12

In: 1924.175+/-0.862 χ^2/NDF : 57747.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1856.379+/-0.550 χ^2/NDF : 155744.1/12

diff_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 4.070 $\pm$ 1.181 χ^2 /NDF: 1.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.476 $\pm$ 0.985 χ^2 /NDF: 8.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

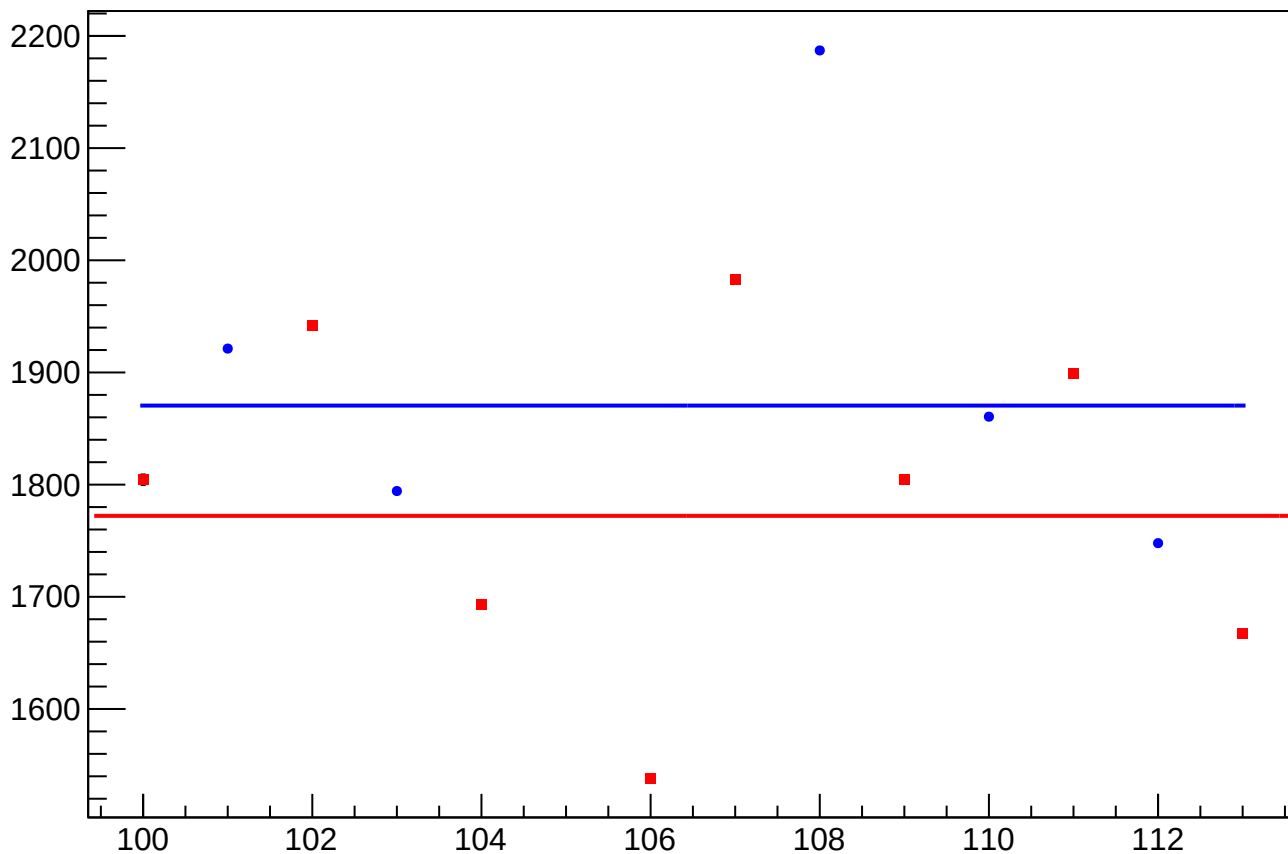
Right: -0.382 $\pm$ 0.756 χ^2 /NDF: 34.5/12

In: 4.070 $\pm$ 1.181 χ^2 /NDF: 1.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.382 $\pm$ 0.756 χ^2 /NDF: 34.5/12

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: 1772.177+/-0.696 χ^2/NDF : 40487.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

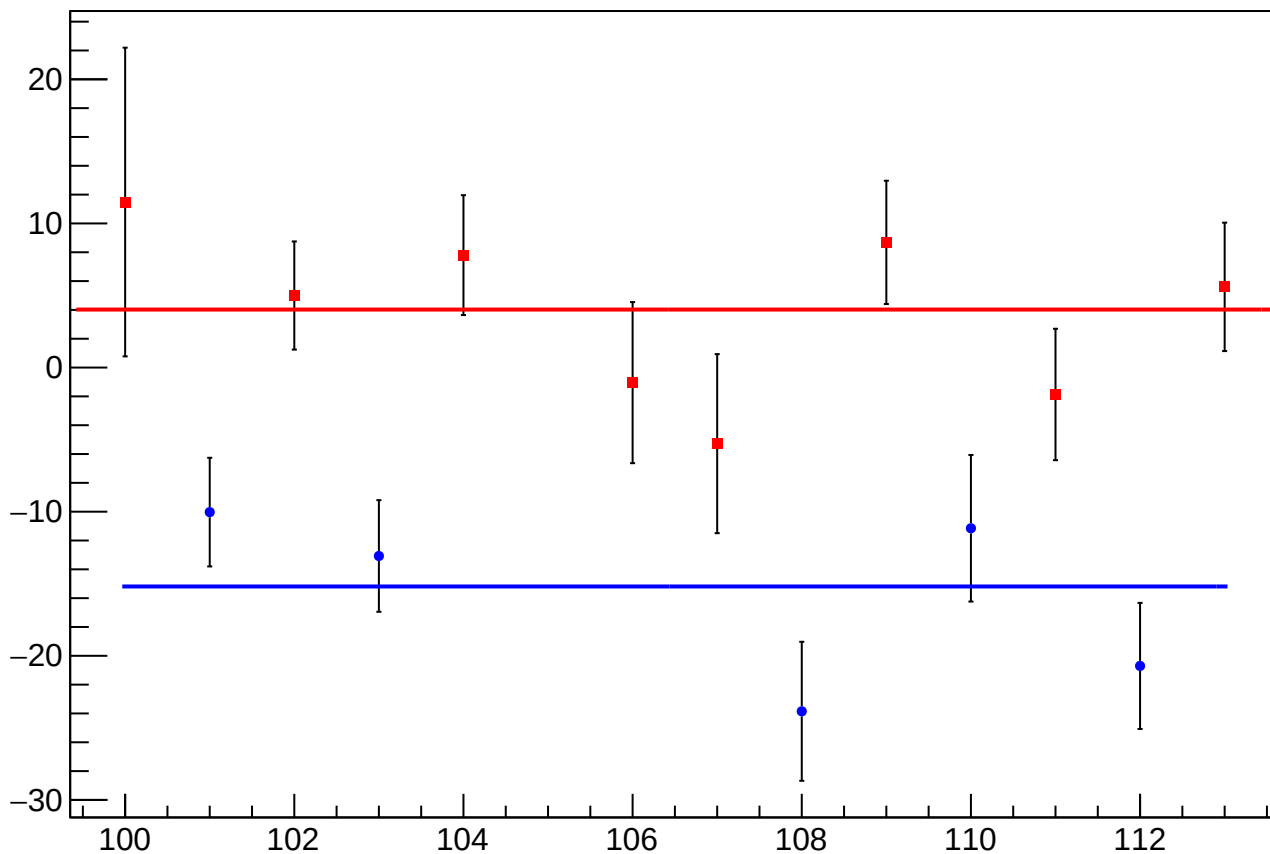
Right: 1812.488+/-0.535 χ^2/NDF : 73177.5/12

In: 1870.475+/-0.835 χ^2/NDF : 24513.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1812.488+/-0.535 χ^2/NDF : 73177.5/12

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: 4.024 $\pm$ 1.694 χ^2 /NDF: 7.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

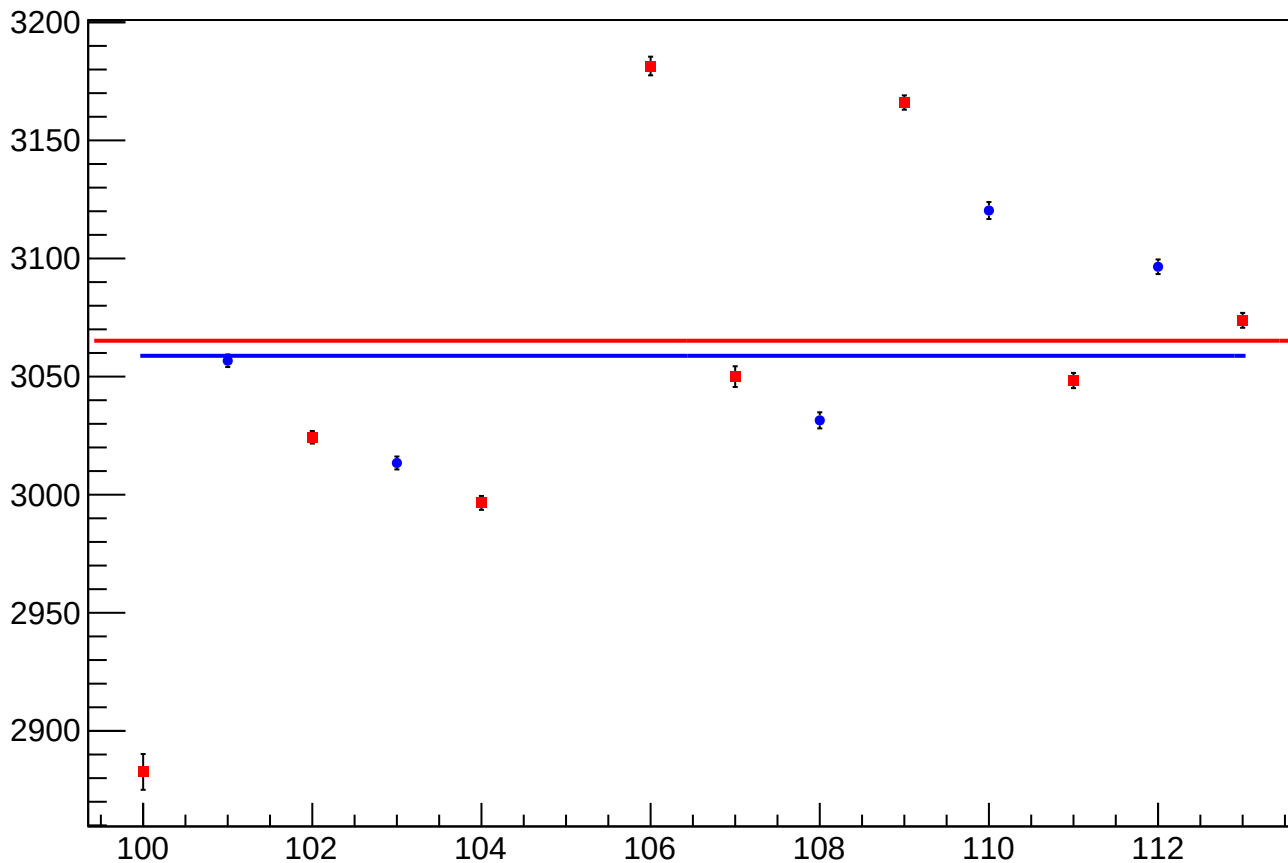
Right: -4.377 $\pm$ 1.270 χ^2 /NDF: 71.3/12

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: -4.377 $\pm$ 1.270 χ^2 /NDF: 71.3/12

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: 3065.181 $\pm$ 1.198 χ^2 /NDF: 3387.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

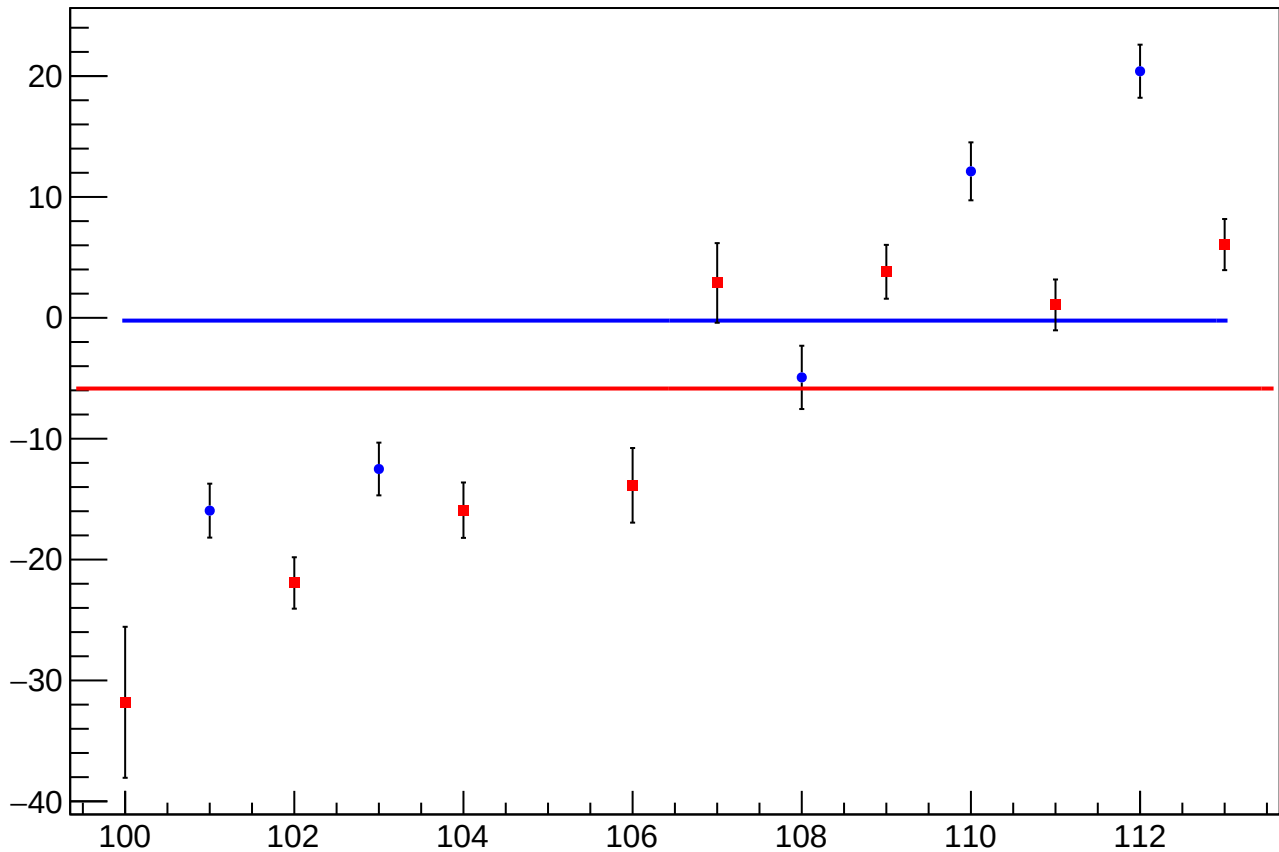
Right: 3062.392 $\pm$ 0.898 χ^2 /NDF: 4180.1/12

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: 3062.392 $\pm$ 0.898 χ^2 /NDF: 4180.1/12

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: -5.849+/-0.882 χ^2/NDF : 168.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

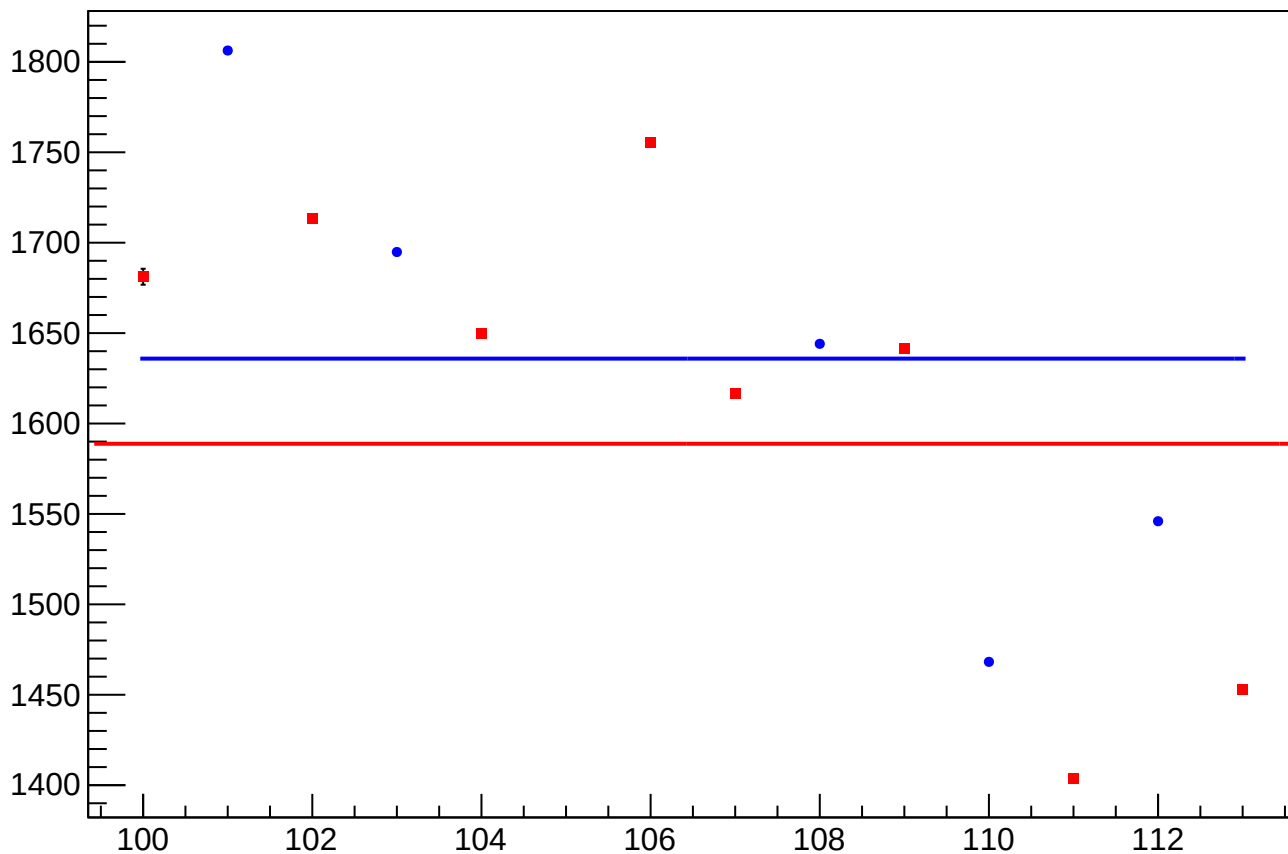
Right: -3.478+/-0.671 χ^2/NDF : 385.3/12

In: -0.229+/-1.032 χ^2/NDF :199.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.478+/-0.671 χ^2/NDF : 385.3/12

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: 1588.812+/-0.624 χ^2/NDF : 39500.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

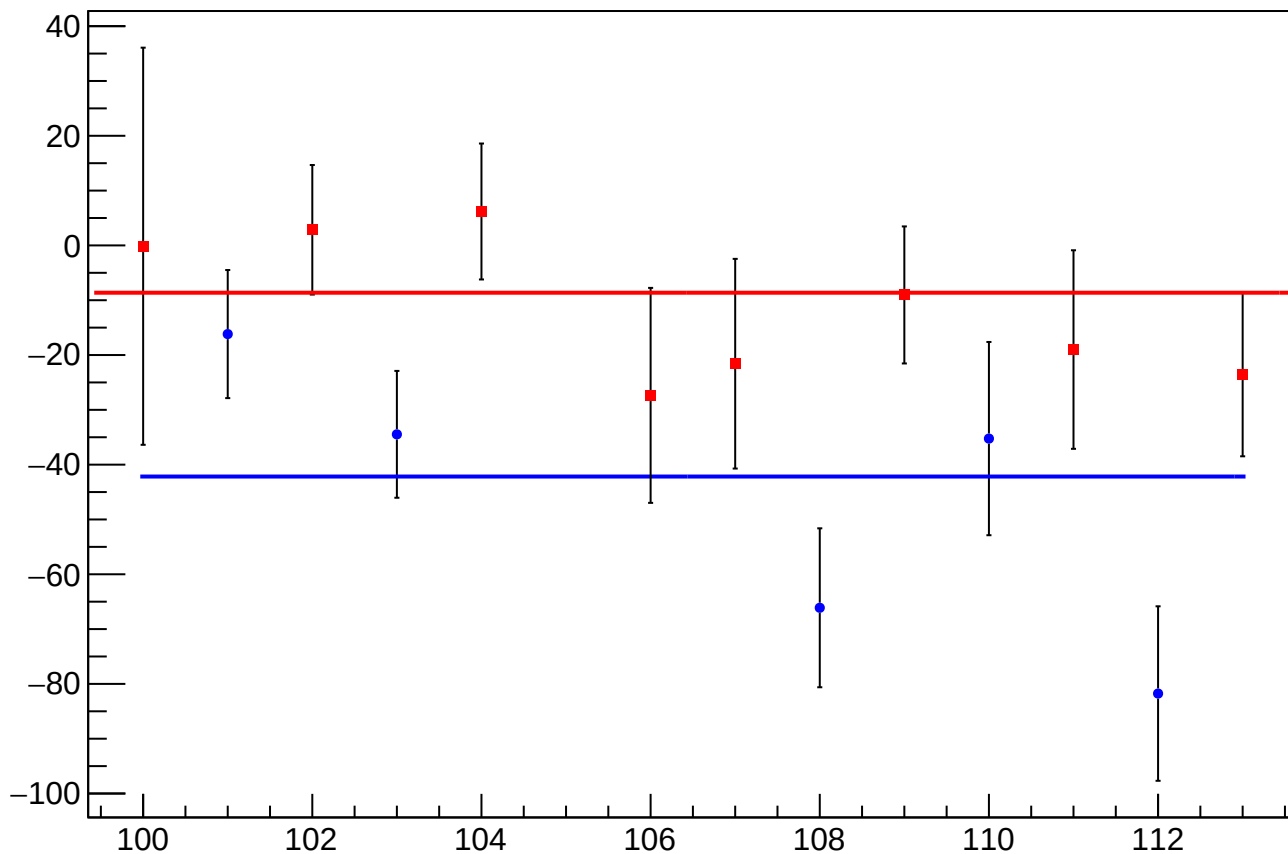
Right: 1608.677+/-0.474 χ^2/NDF : 68184.5/12

In: 1635.894+/-0.730 χ^2/NDF : 26279.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1608.677+/-0.474 χ^2/NDF : 68184.5/12

diff_bpm0l02X_mean vs Slug, Sign Corrected



Right In: -42.168 +/- 6.118 χ^2/NDF : 14.5/4

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -8.629 +/- 5.449 χ^2/NDF : 5.1/7

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

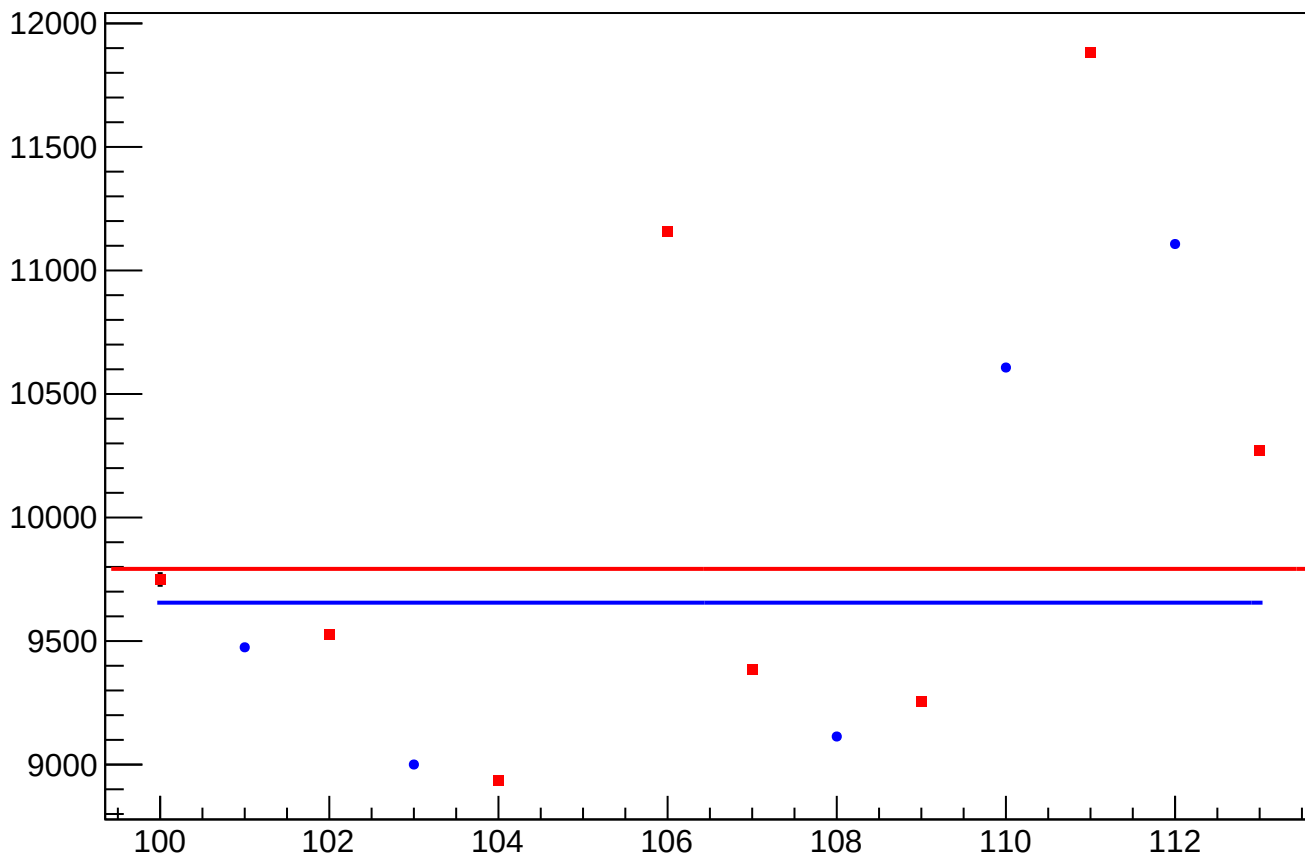
Right: -23.464 +/- 4.069 χ^2/NDF : 36.3/12

In: -42.168 +/- 6.118 χ^2/NDF : 14.5/4

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -23.464 +/- 4.069 χ^2/NDF : 36.3/12

diff_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 9655.354+/-4.326 χ^2/NDF : 32144.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9792.147+/-3.853 χ^2/NDF : 53540.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

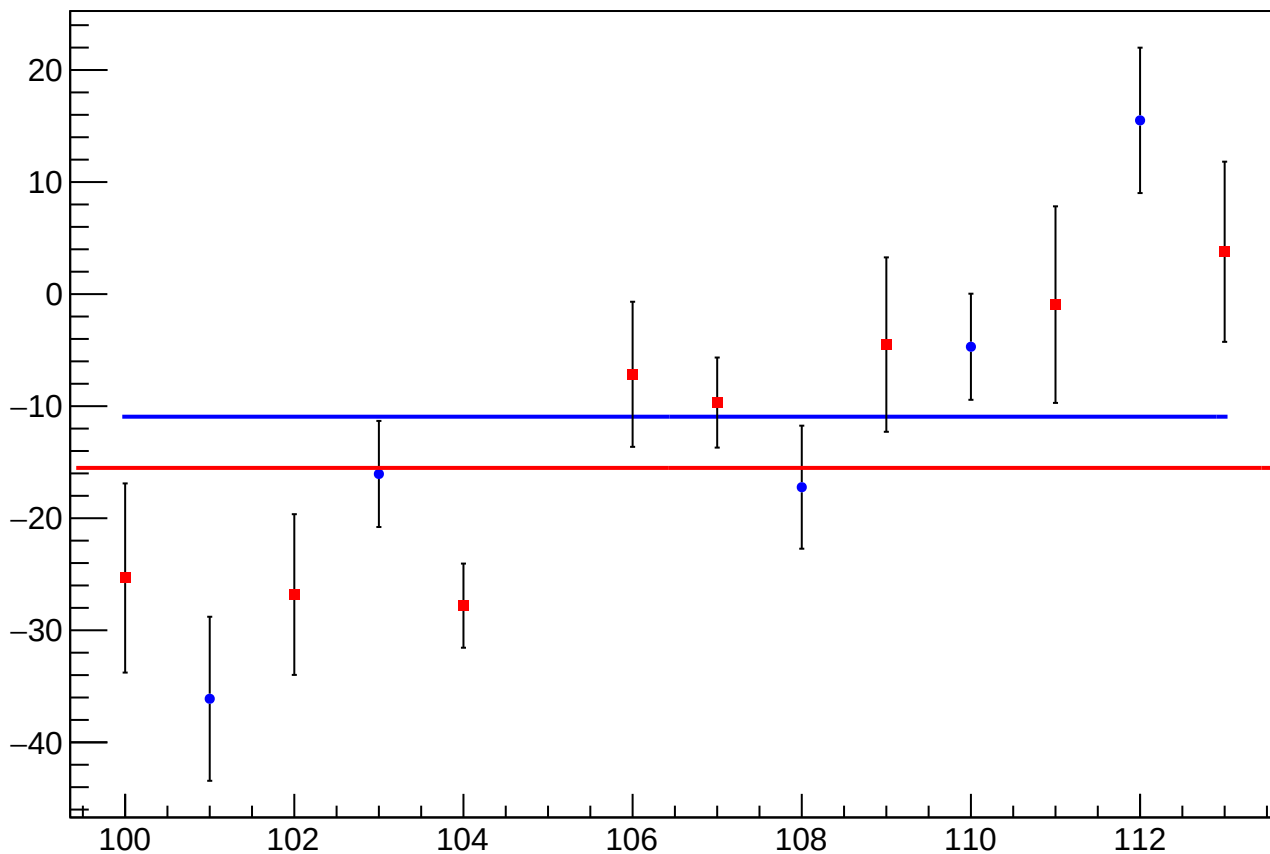
Right: 9731.639+/-2.877 χ^2/NDF : 86242.6/12

In: 9655.354+/-4.326 χ^2/NDF : 32144.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9731.639+/-2.877 χ^2/NDF : 86242.6/12

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: -15.509 ± 2.062 χ^2/NDF : 28.8/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

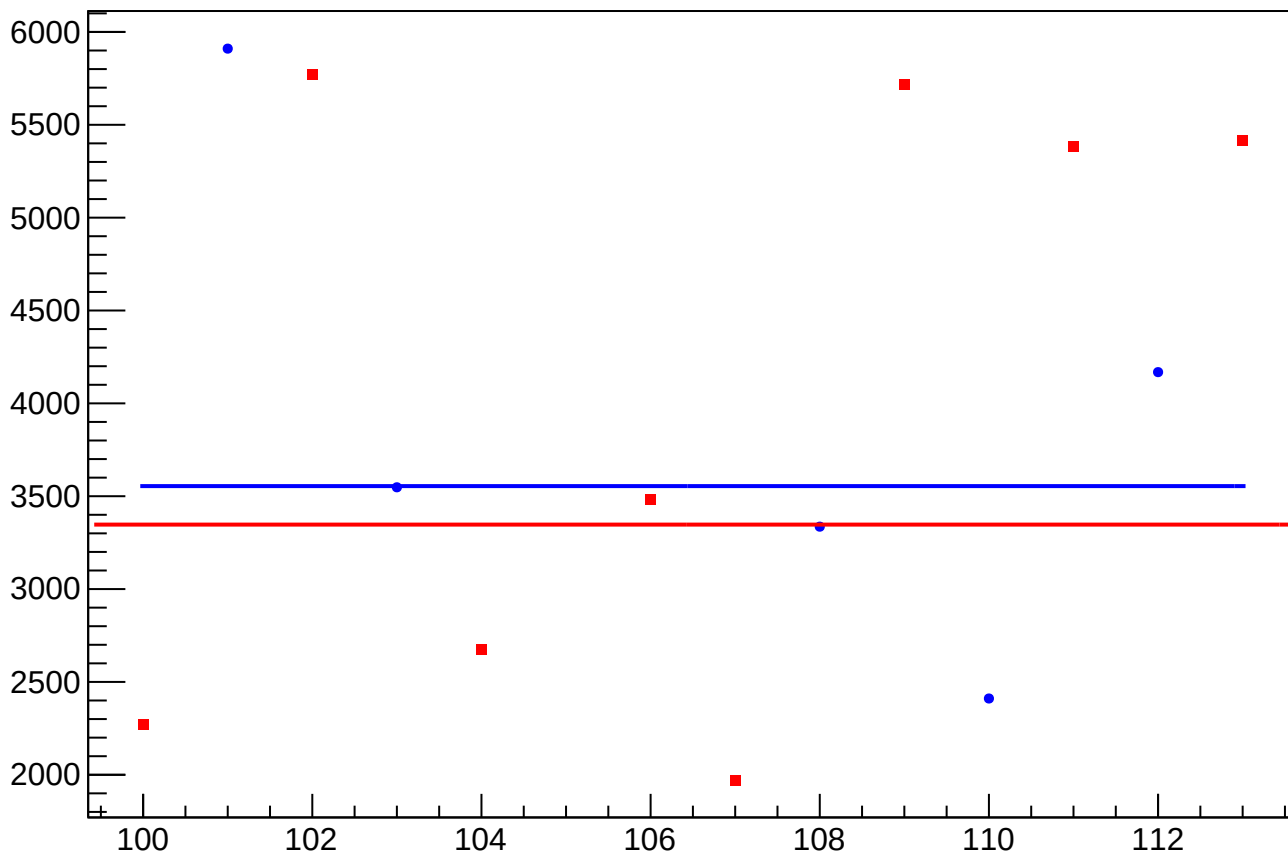
Right: -13.626 ± 1.581 χ^2/NDF : 63.5/12

In: -10.939 ± 2.463 χ^2/NDF : 32.7/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.626 ± 1.581 χ^2/NDF : 63.5/12

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: 3347.148+/-1.458 χ^2/NDF : 985437.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

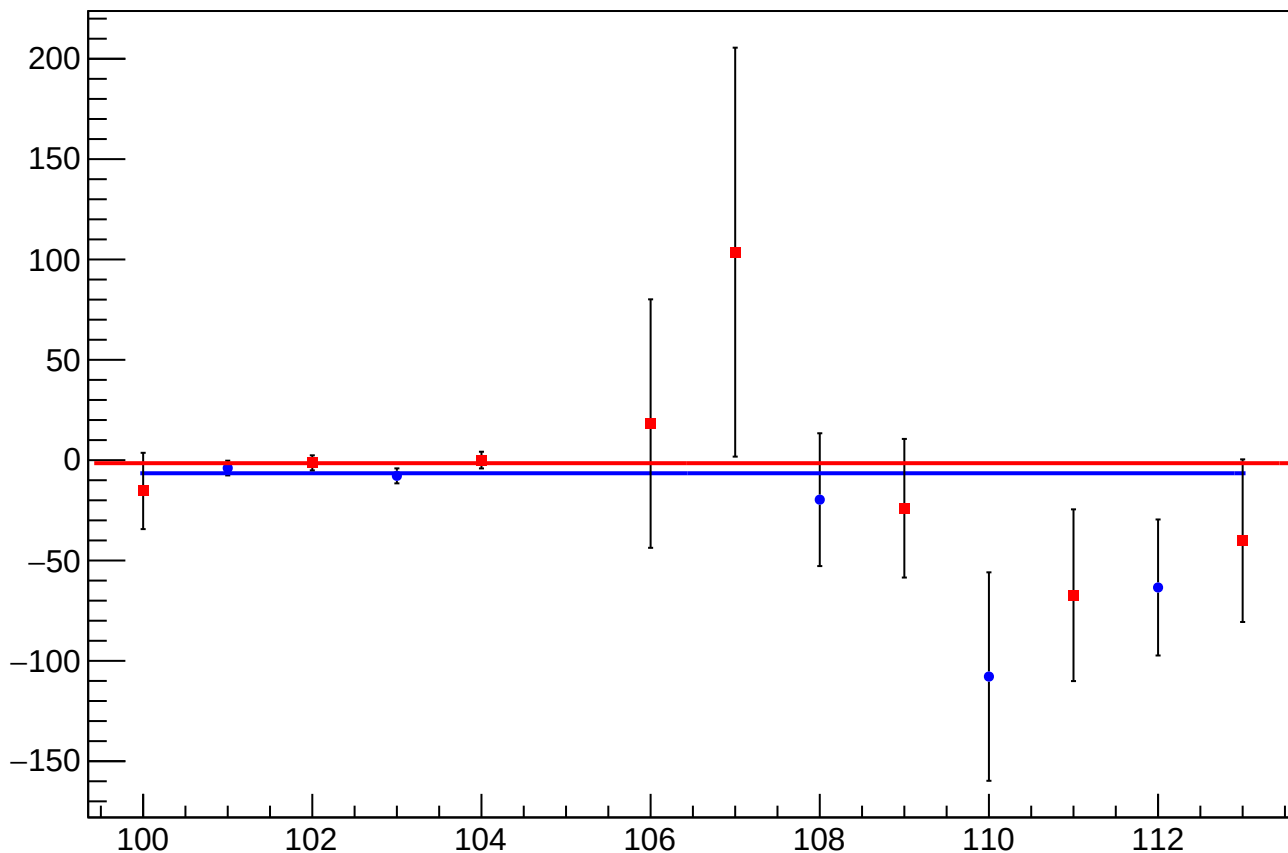
Right: 3432.584+/-1.118 χ^2/NDF : 1338673.7/12

In: 3554.461+/-1.742 χ^2/NDF : 344905.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3432.584+/-1.118 χ^2/NDF : 1338673.7/12

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: -1.504+/-2.732 χ^2/NDF : 5.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

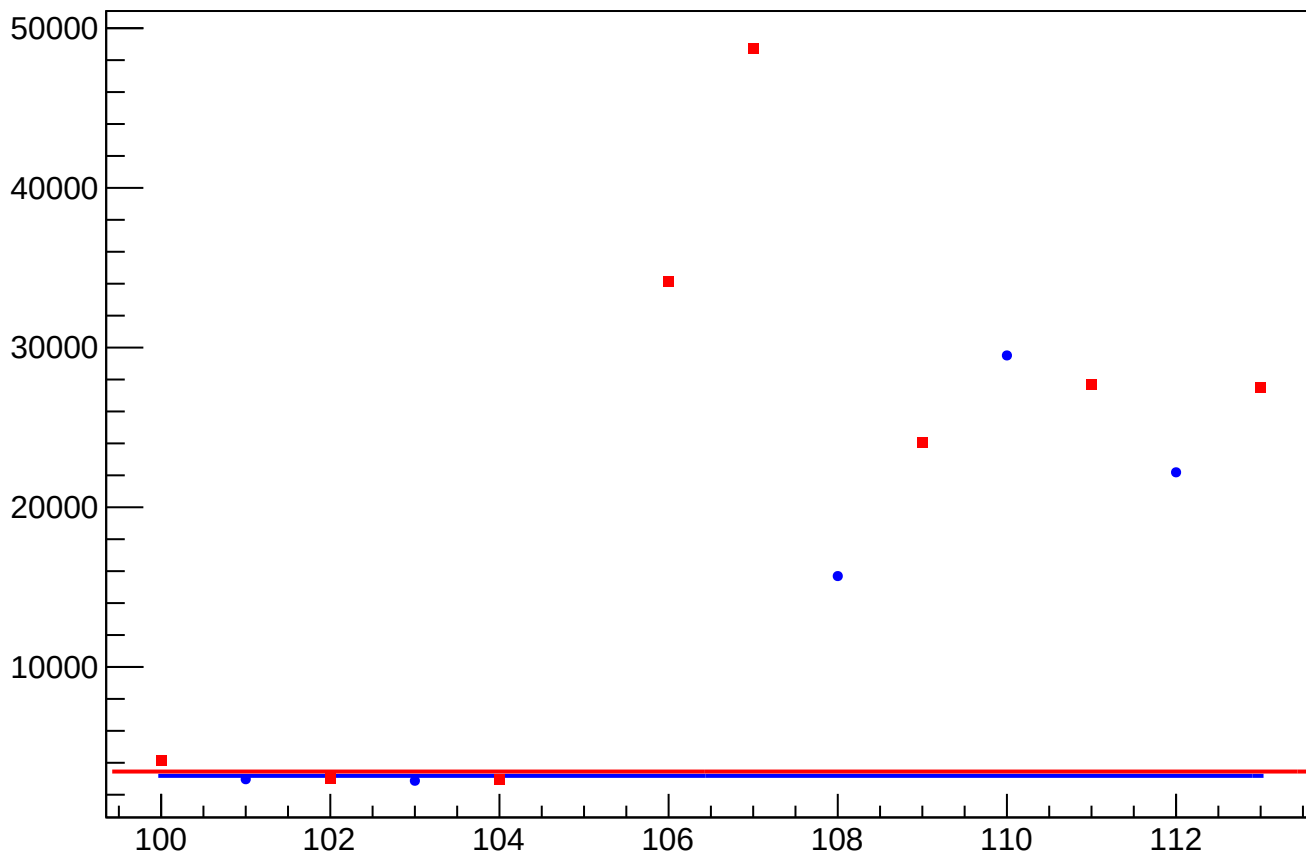
Right: -4.139+/-1.882 χ^2/NDF : 14.7/12

In: -6.519+/-2.596 χ^2/NDF : 7.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.139+/-1.882 χ^2/NDF : 14.7/12

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: 3451.539+/-1.932 χ^2/NDF : 3003104.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

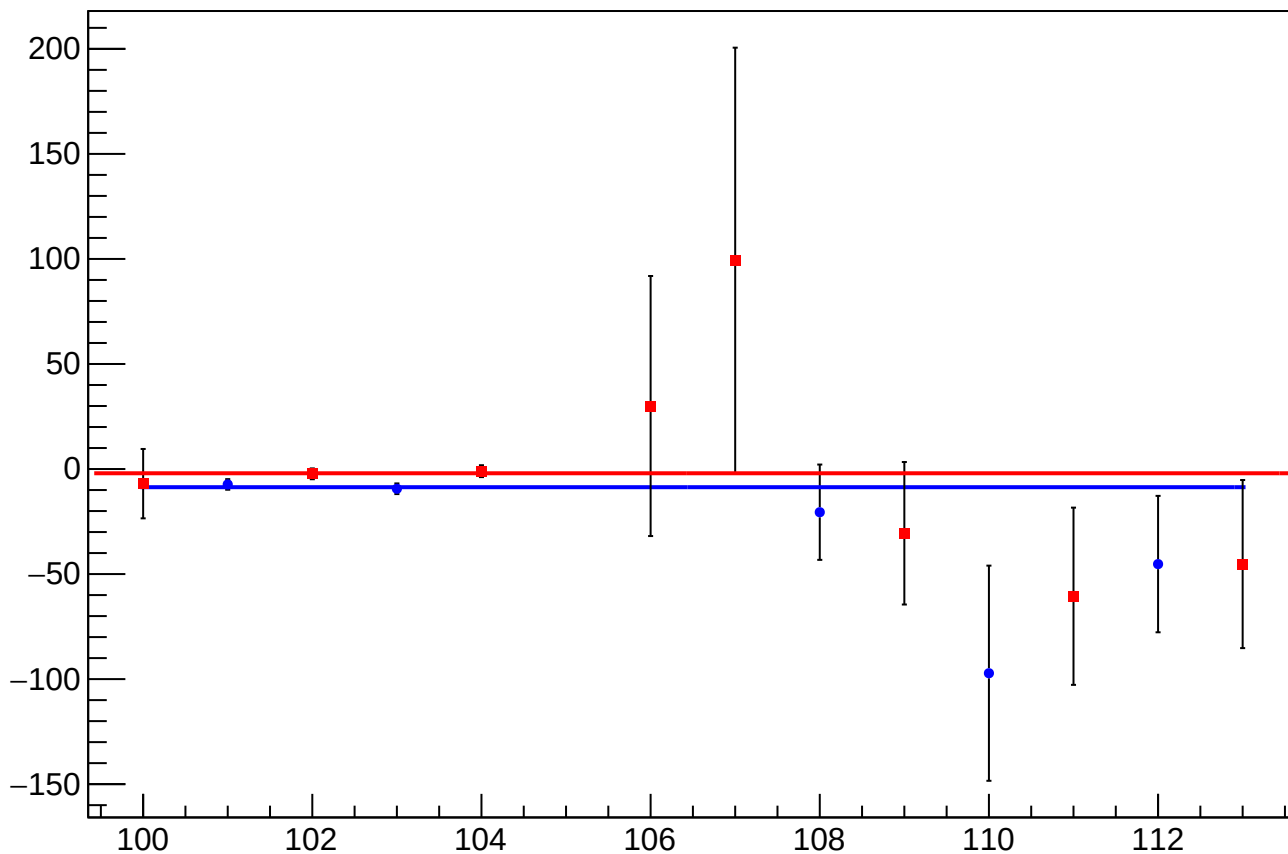
Right: 3309.724+/-1.331 χ^2/NDF : 4462474.0/12

In: 3181.632+/-1.836 χ^2/NDF : 1449112.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3309.724+/-1.331 χ^2/NDF : 4462474.0/12

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: -2.017 $\pm$ 1.882 χ^2/NDF : 5.3/7

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

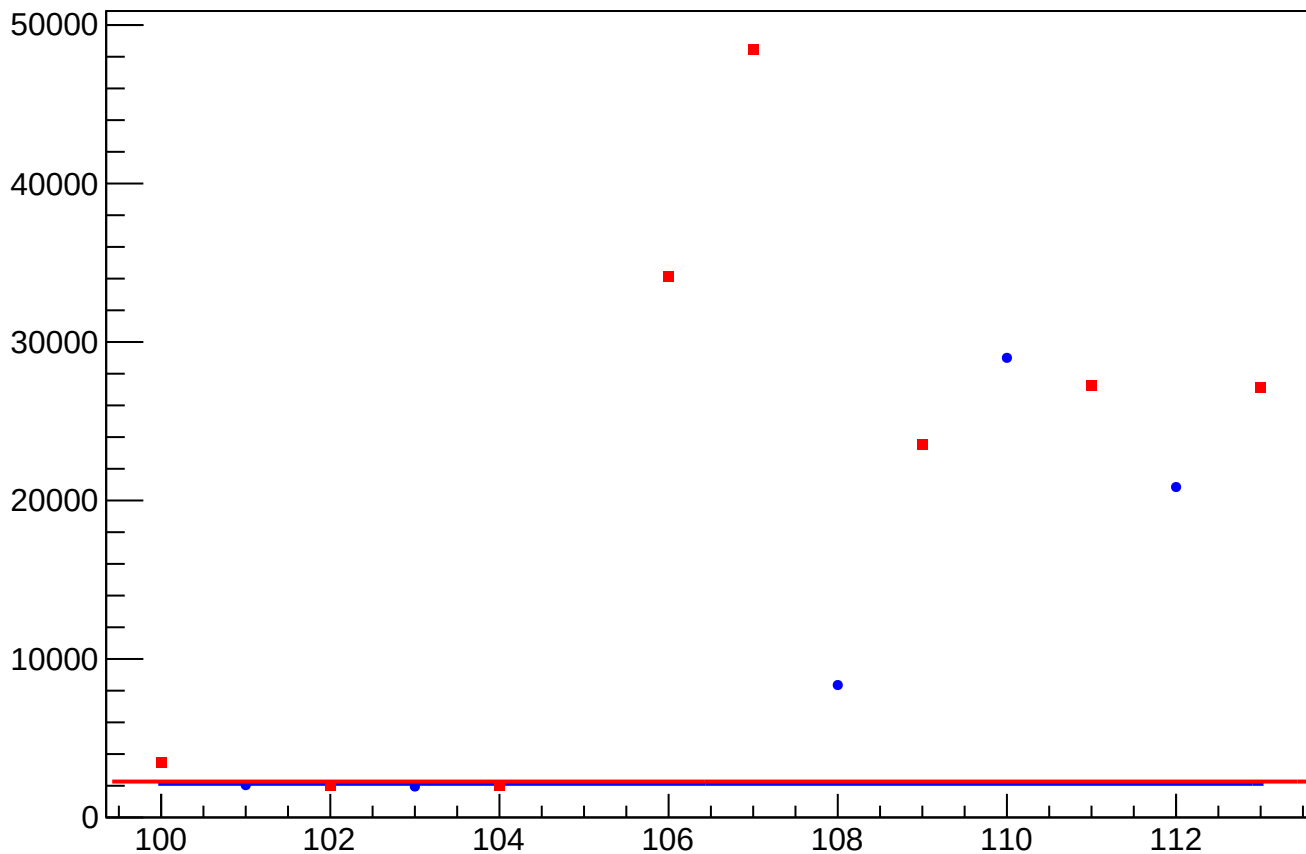
Right: -5.517 $\pm$ 1.293 χ^2/NDF : 16.7/12

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: -5.517 $\pm$ 1.293 χ^2/NDF : 16.7/12

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: 2264.518 $\pm$ 1.331 χ^2/NDF : 3250399.4/7

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

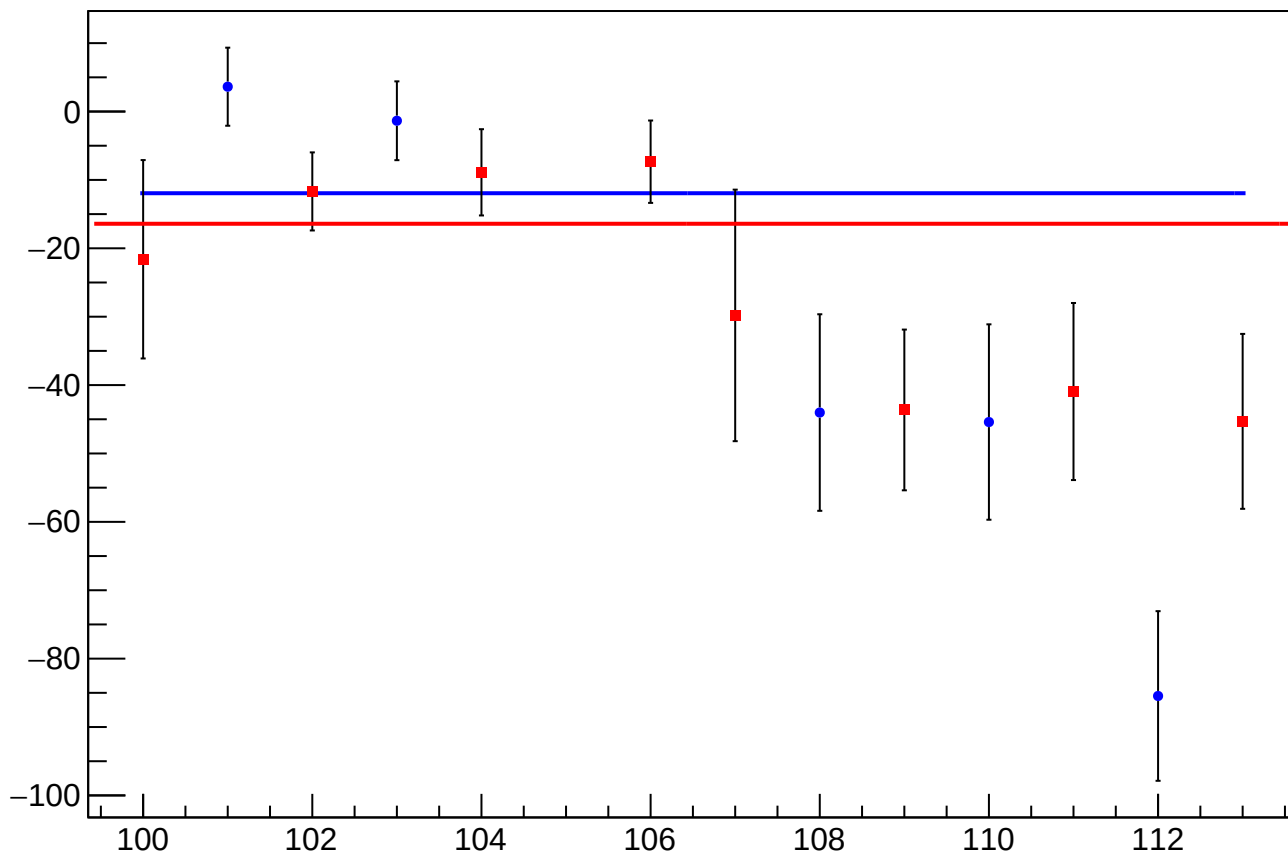
Right: 2190.075 $\pm$ 0.915 χ^2/NDF : 4634924.5/12

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: 2190.075 $\pm$ 0.915 χ^2/NDF : 4634924.5/12

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: -16.412 $\pm$ 3.009 χ^2 /NDF: 19.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

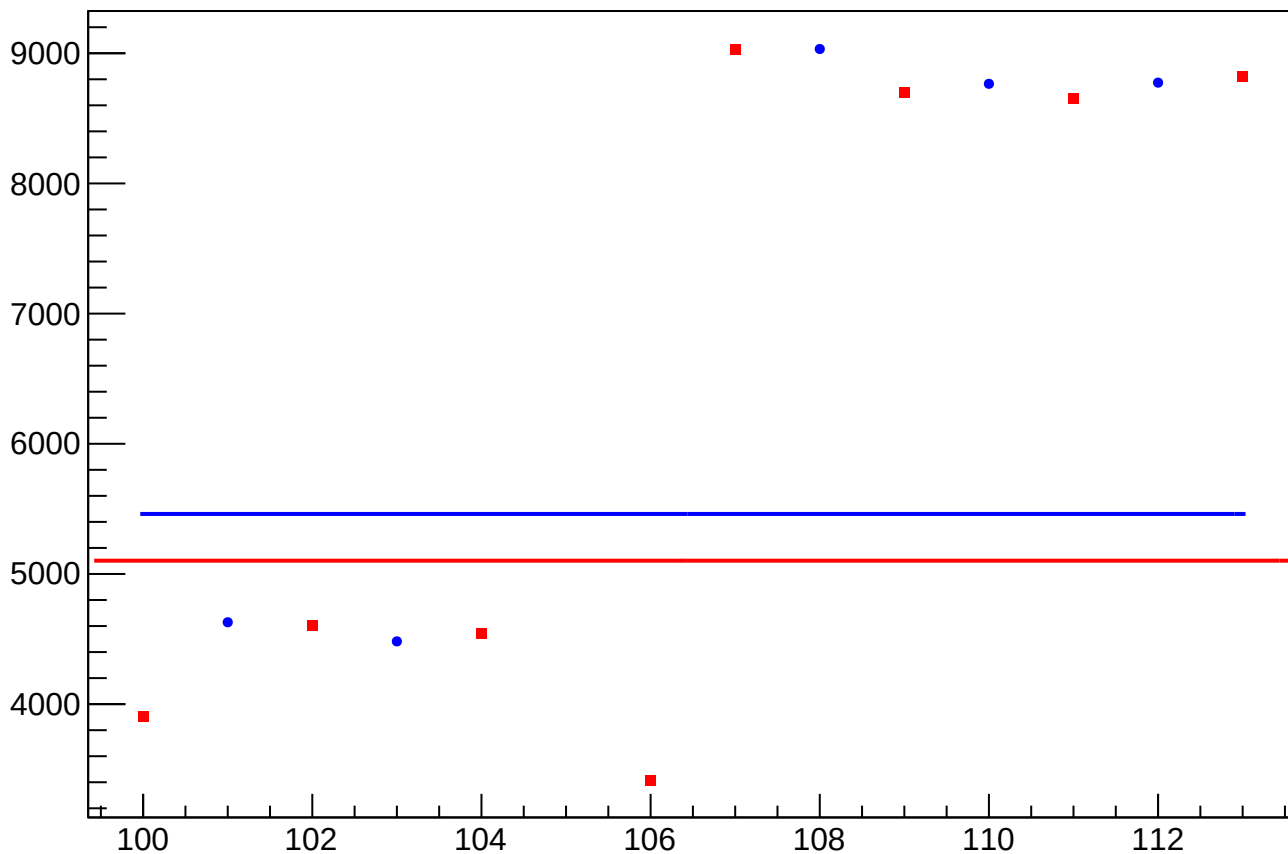
Right: -14.576 $\pm$ 2.309 χ^2 /NDF: 76.4/12

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: -14.576 $\pm$ 2.309 χ^2 /NDF: 76.4/12

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: 5102.166+/-2.128 χ^2/NDF : 799997.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

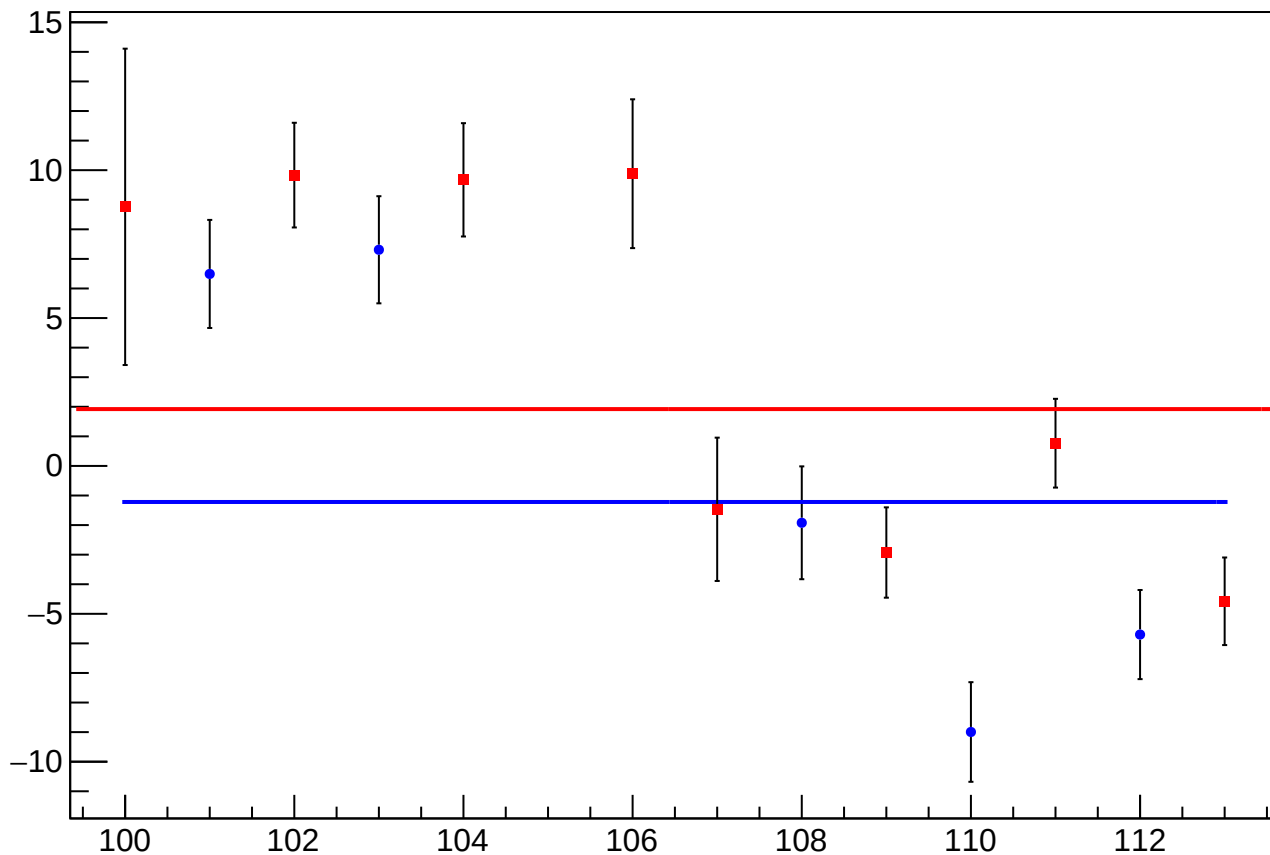
Right: 5249.659+/-1.633 χ^2/NDF : 1285180.6/12

In: 5461.043+/-2.547 χ^2/NDF : 473491.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5249.659+/-1.633 χ^2/NDF : 1285180.6/12

diff_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -1.219 $\pm$ 0.773 χ^2 /NDF: 70.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.922 $\pm$ 0.662 χ^2 /NDF: 79.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

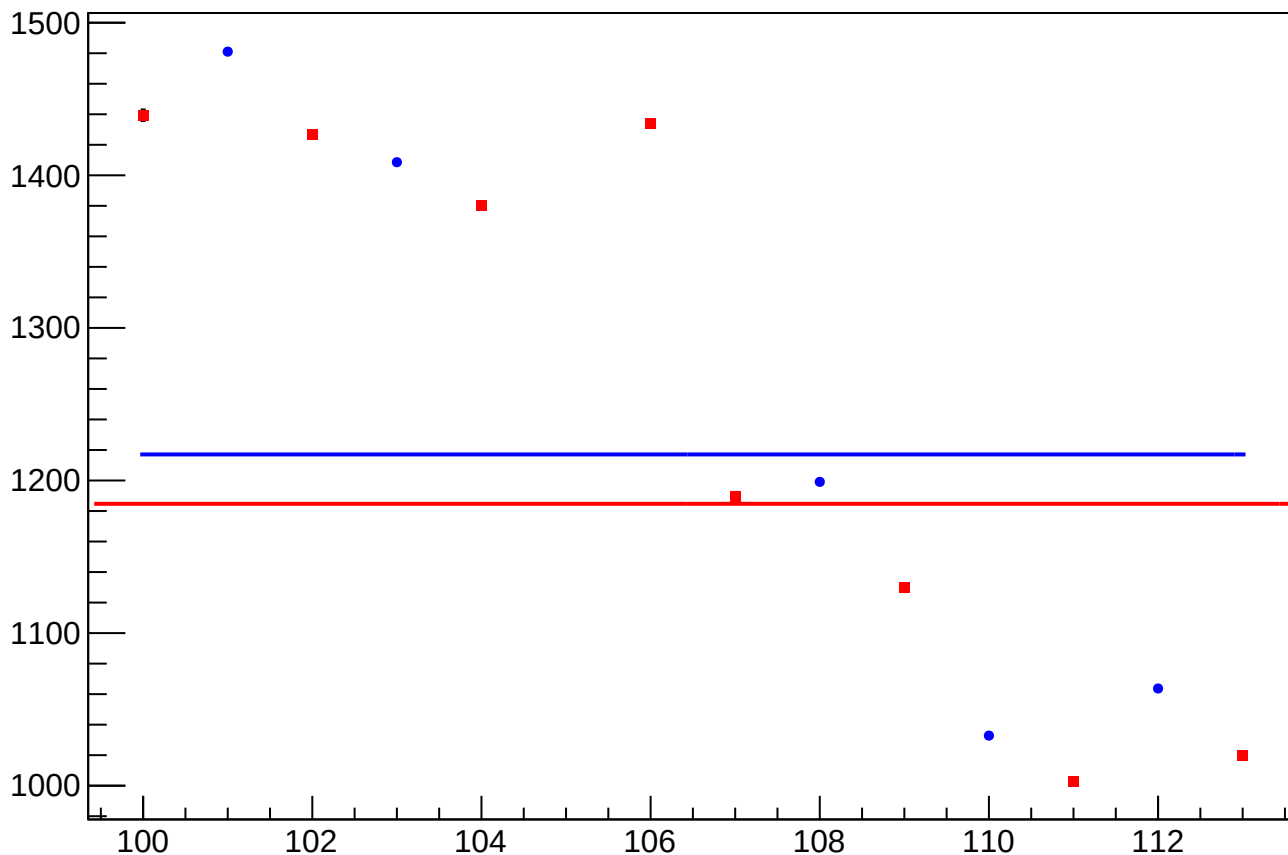
Right: 0.595 $\pm$ 0.503 χ^2 /NDF: 159.7/12

In: -1.219 $\pm$ 0.773 χ^2 /NDF:70.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.595 $\pm$ 0.503 χ^2 /NDF: 159.7/12

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: 1184.733+/-0.468 χ^2/NDF : 139030.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

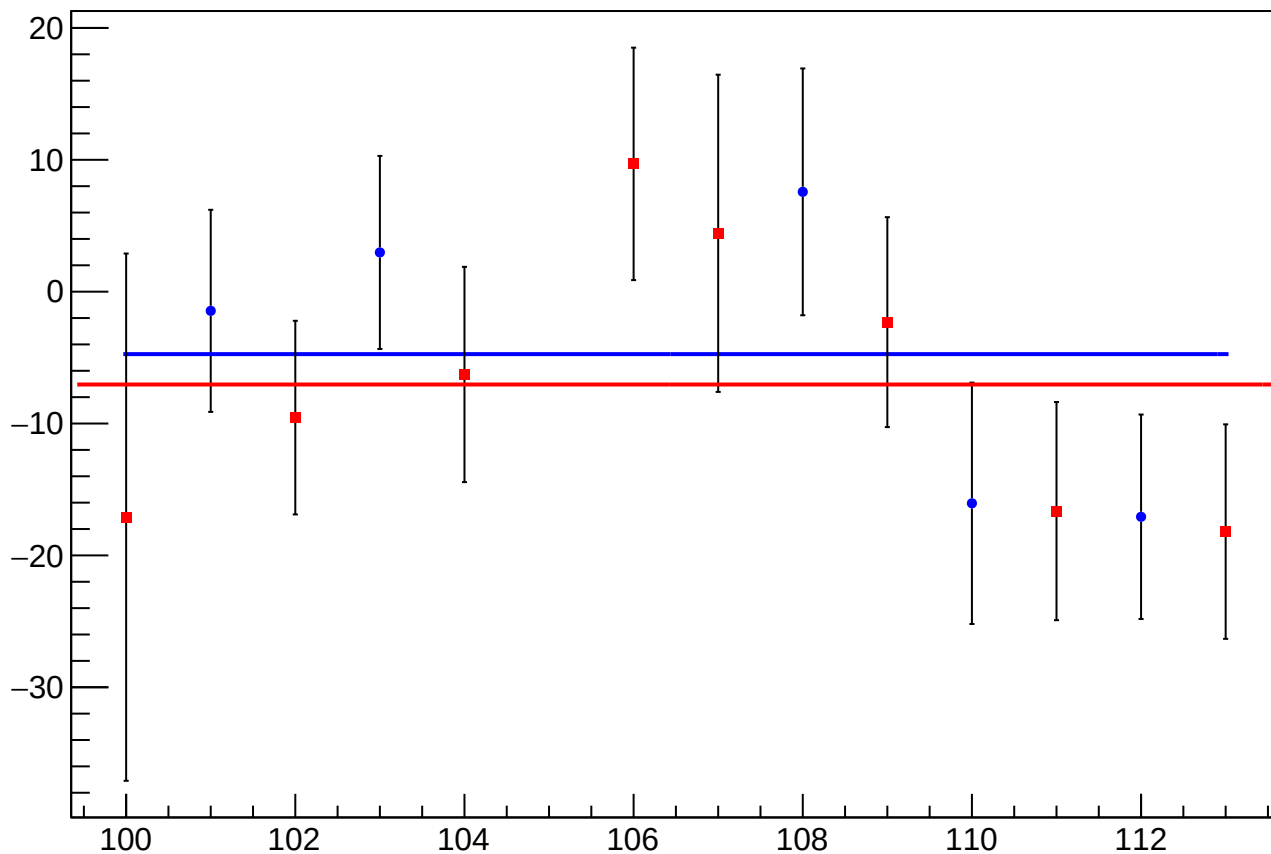
Right: 1198.406+/-0.355 χ^2/NDF : 250002.4/12

In: 1217.083+/-0.547 χ^2/NDF : 108951.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1198.406+/-0.355 χ^2/NDF : 250002.4/12

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: -7.040+/-3.141 χ^2/NDF : 8.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

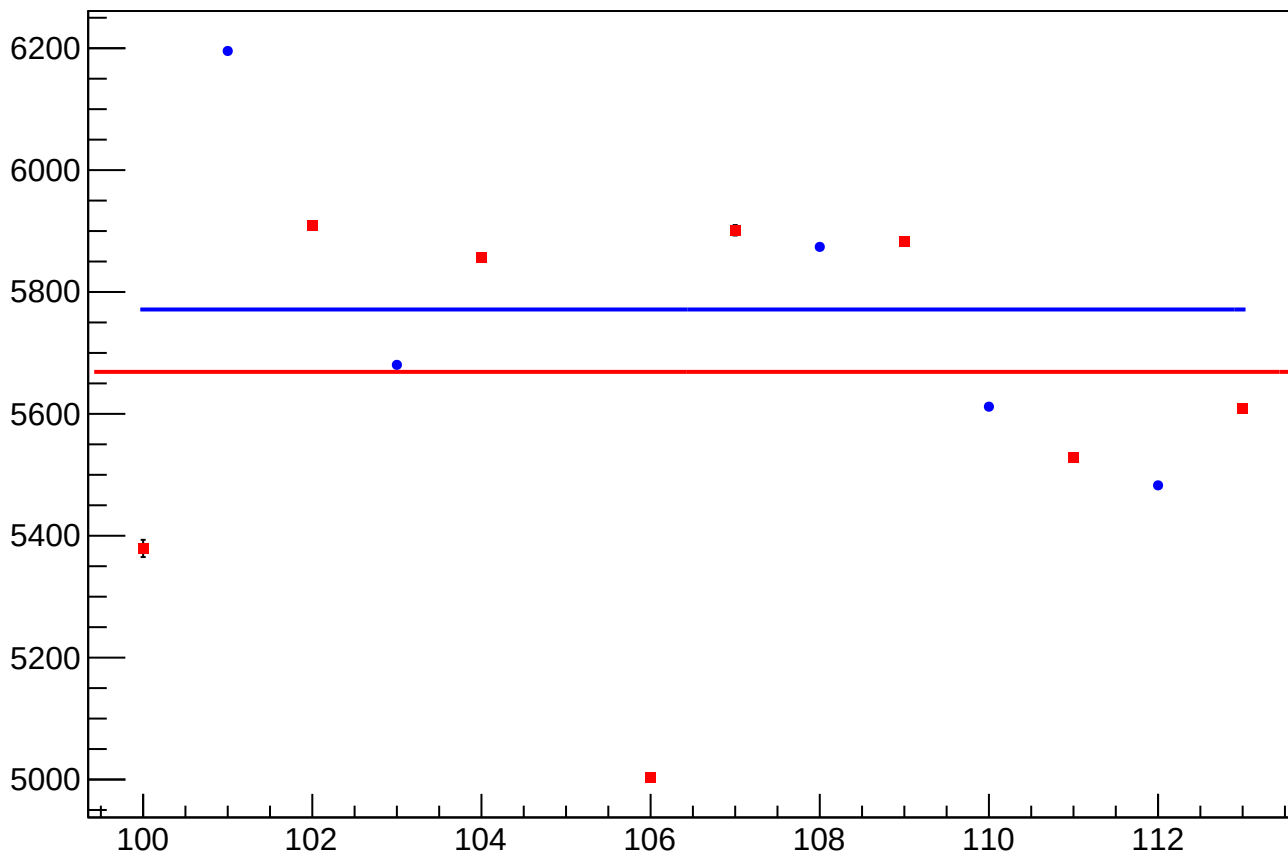
Right: -6.055+/-2.377 χ^2/NDF : 15.8/12

In: -4.736+/-3.635 χ^2/NDF : 7.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.055+/-2.377 χ^2/NDF : 15.8/12

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: 5668.917+/-2.221 χ^2/NDF : 17880.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

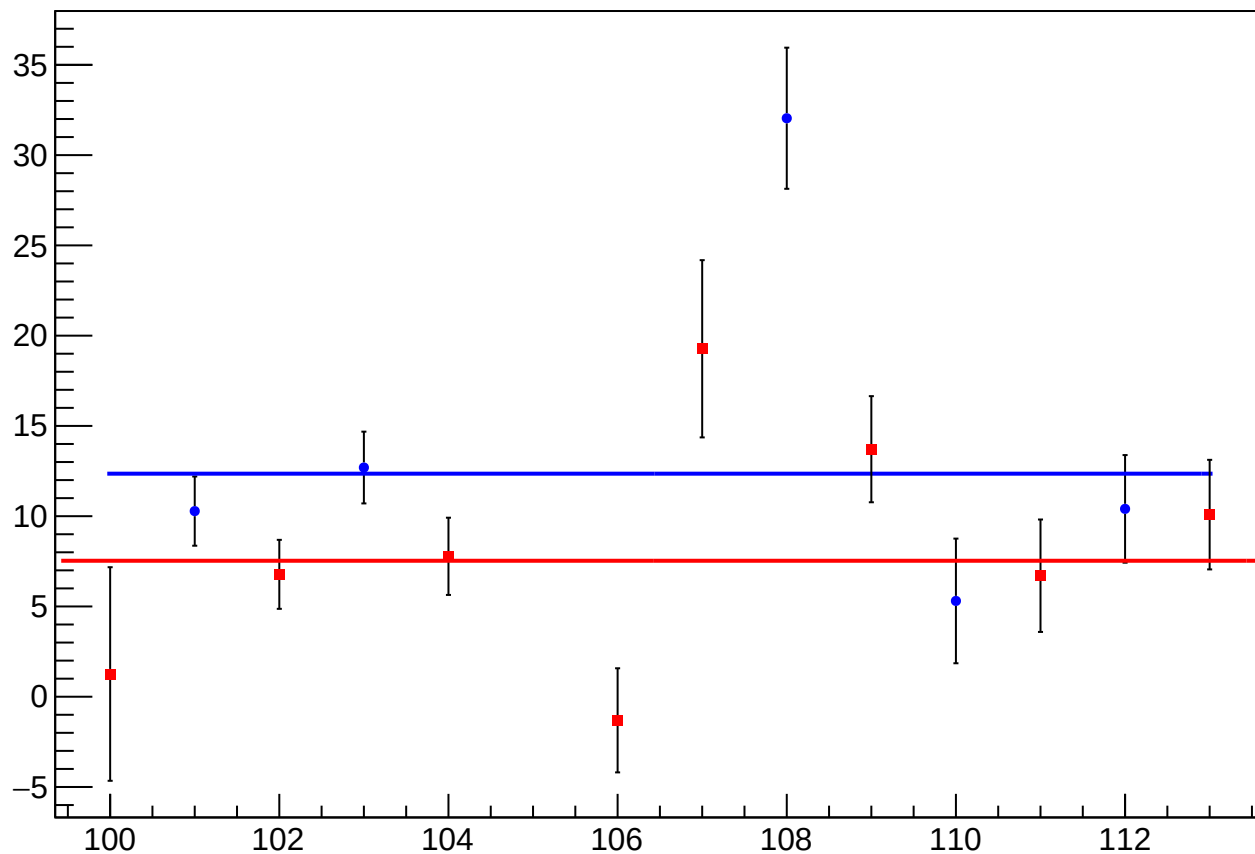
Right: 5712.679+/-1.681 χ^2/NDF : 28845.1/12

In: 5771.286+/-2.570 χ^2/NDF : 10056.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5712.679+/-1.681 χ^2/NDF : 28845.1/12

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: 7.531+/-0.995 χ^2/NDF : 21.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

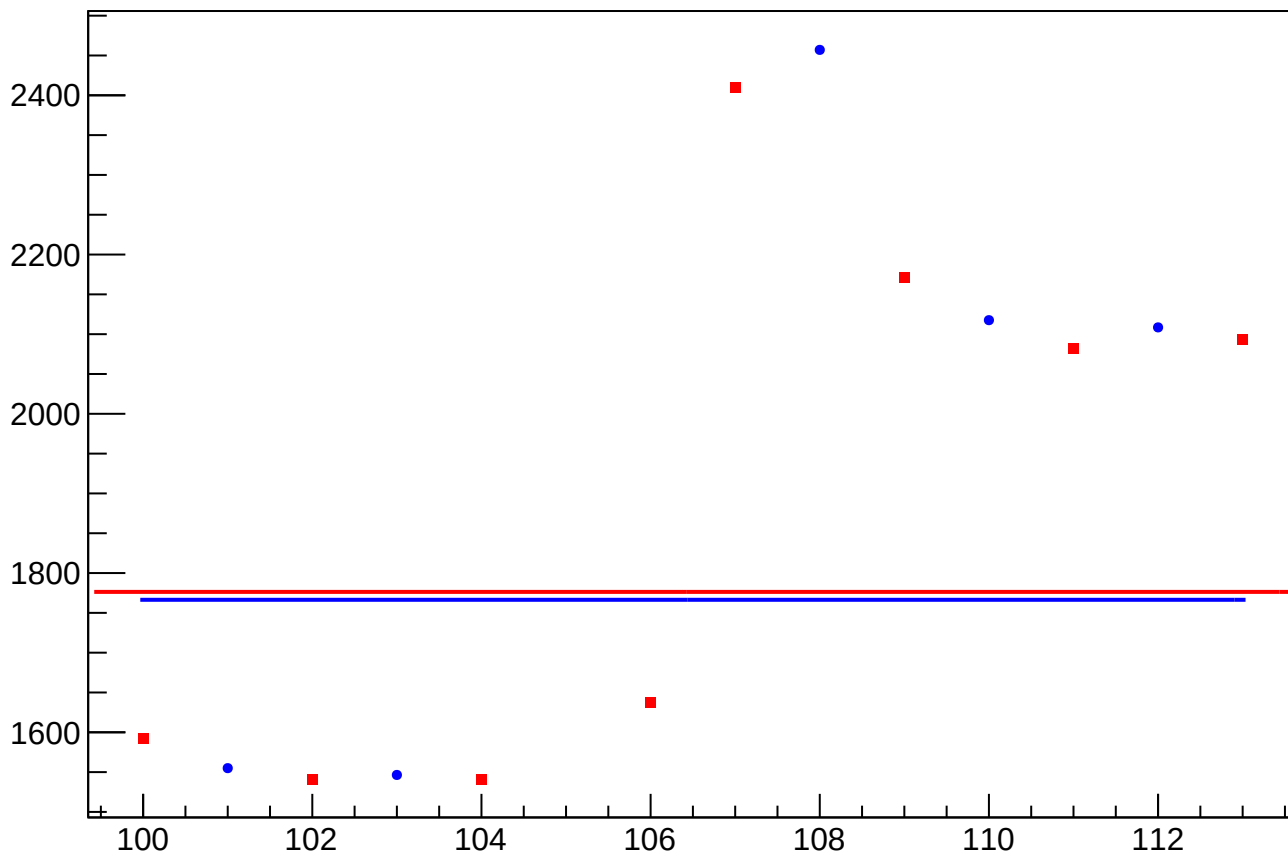
Right: 9.643+/-0.746 χ^2/NDF : 63.1/12

In: 12.355+/-1.127 χ^2/NDF : 31.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.643+/-0.746 χ^2/NDF : 63.1/12

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: 1776.332+/-0.704 χ^2/NDF : 171833.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

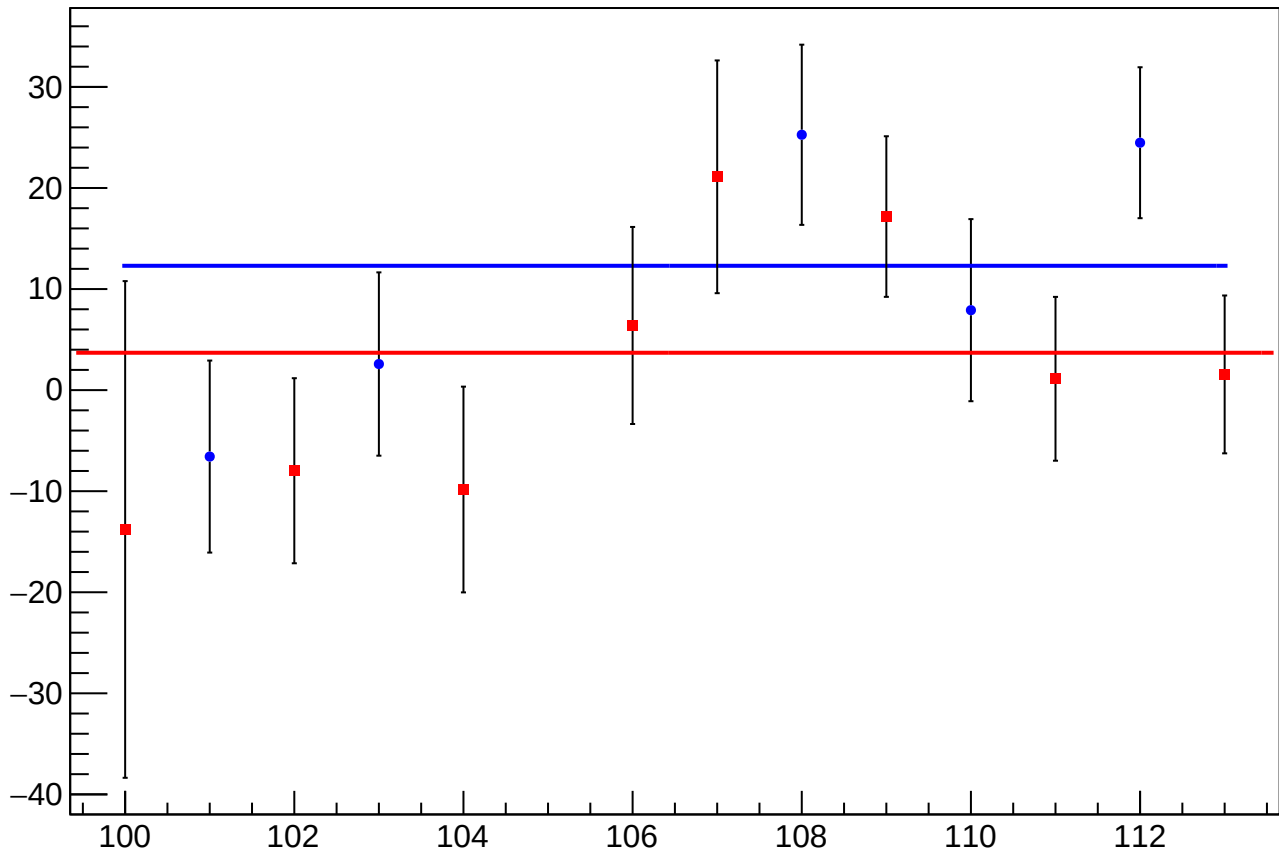
Right: 1771.986+/-0.527 χ^2/NDF : 330211.8/12

In: 1766.408+/-0.797 χ^2/NDF : 158291.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1771.986+/-0.527 χ^2/NDF : 330211.8/12

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: 3.697+/-3.357 χ^2/NDF : 9.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

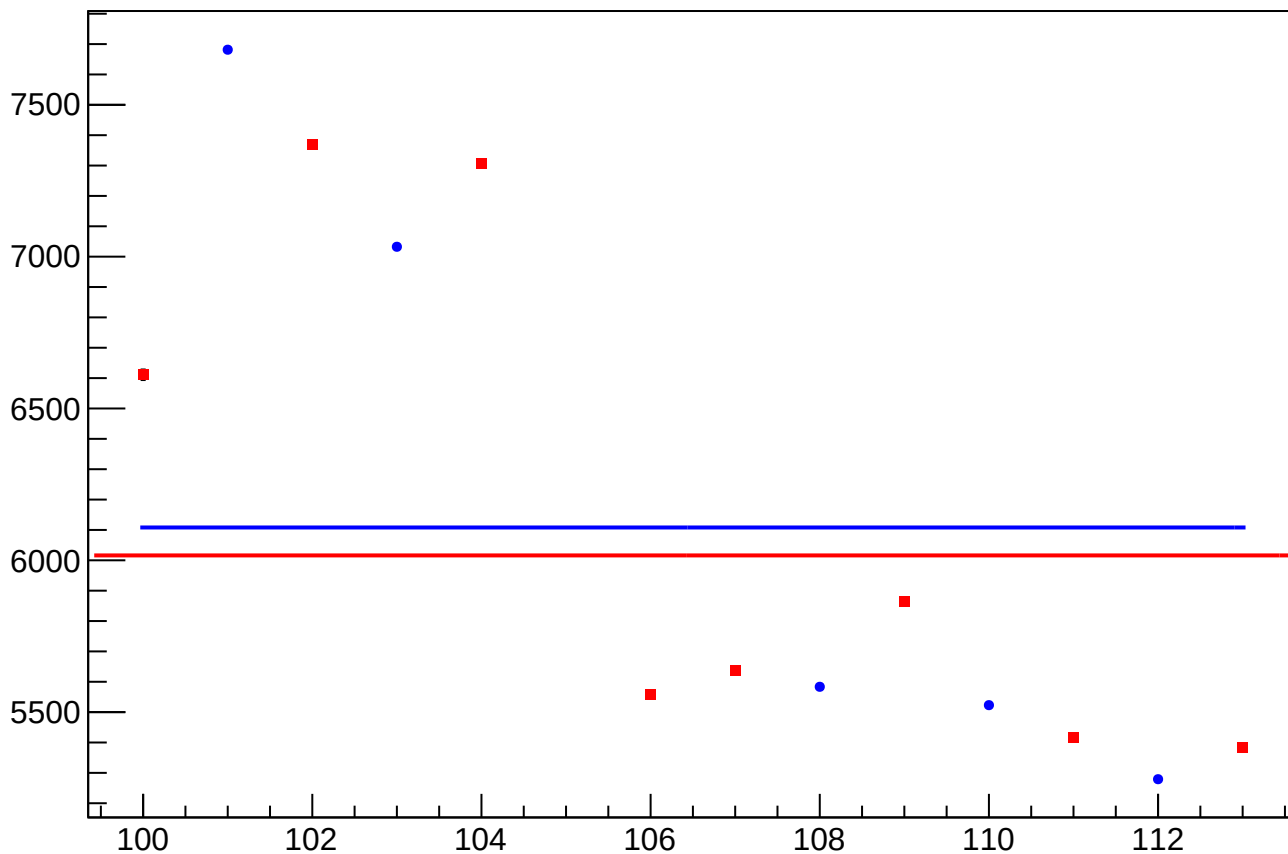
Right: 7.370+/-2.541 χ^2/NDF : 22.2/12

In: 12.303+/-3.890 χ^2/NDF : 10.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.370+/-2.541 χ^2/NDF : 22.2/12

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: 6016.107+/-2.374 χ^2/NDF : 108341.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

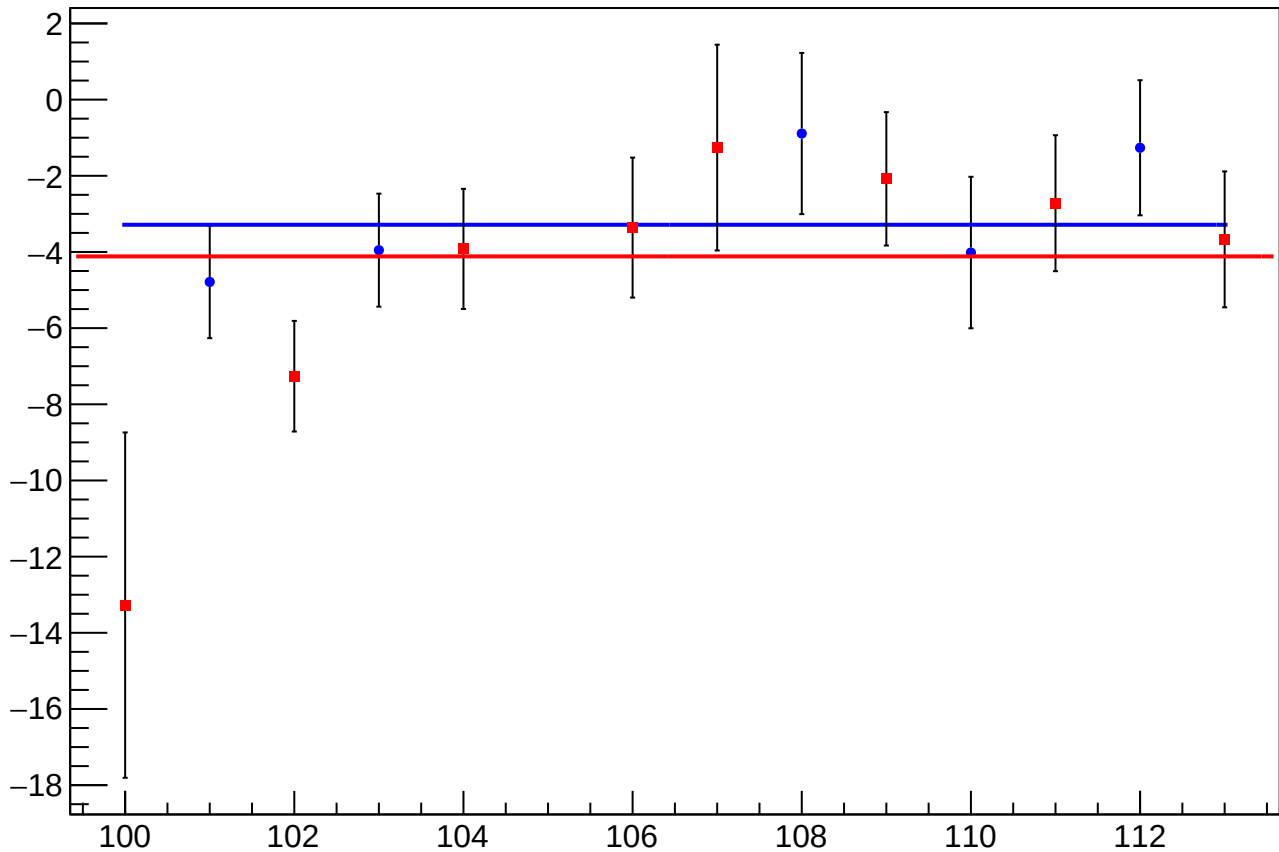
Right: 6055.370+/-1.797 χ^2/NDF : 224624.4/12

In: 6108.112+/-2.751 χ^2/NDF : 115641.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6055.370+/-1.797 χ^2/NDF : 224624.4/12

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: -4.117 $\pm$ 0.658 χ^2 /NDF: 12.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

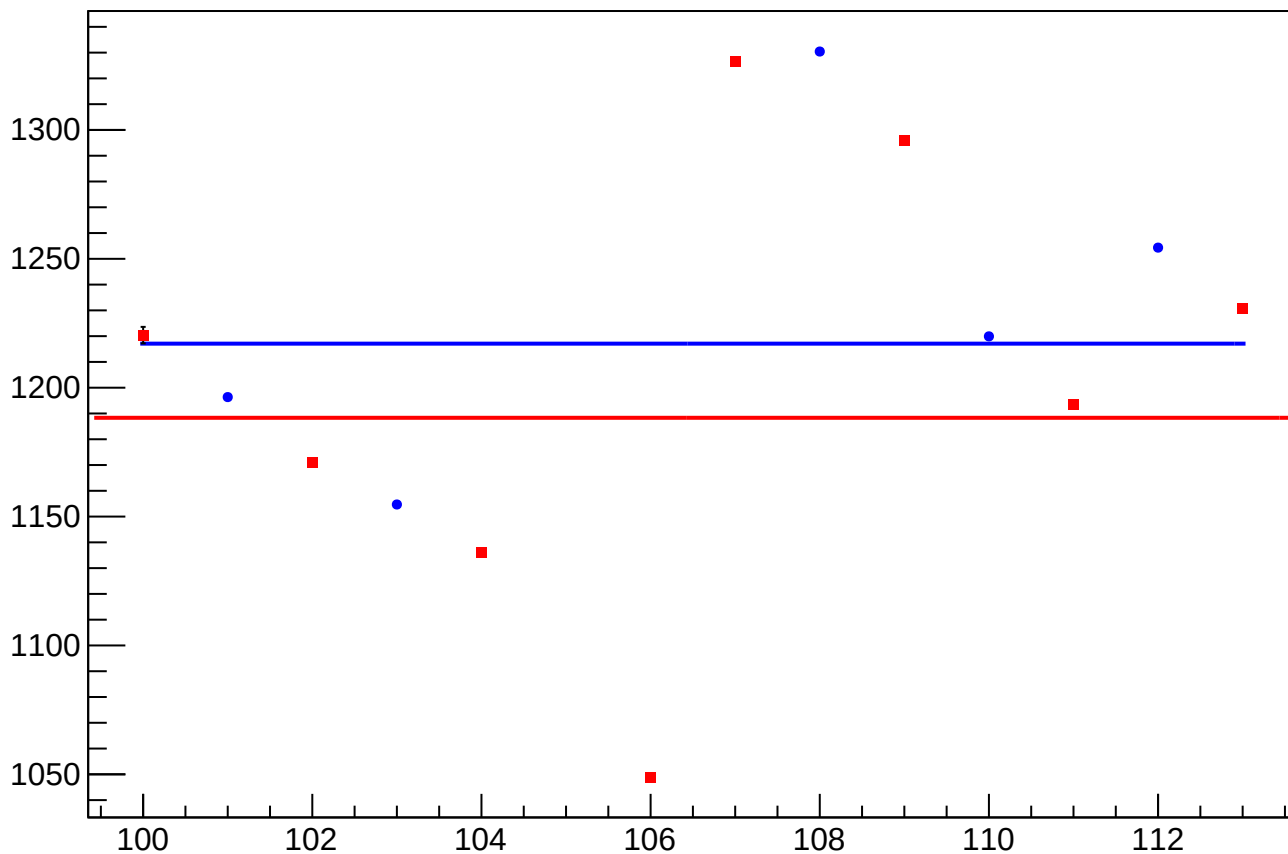
Right: -3.764 $\pm$ 0.499 χ^2 /NDF: 16.7/12

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: -3.764 $\pm$ 0.499 χ^2 /NDF: 16.7/12

diff_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 1217.089 $\pm$ 0.541 χ^2/NDF : 10552.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1188.325 $\pm$ 0.465 χ^2/NDF : 28082.4/7

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

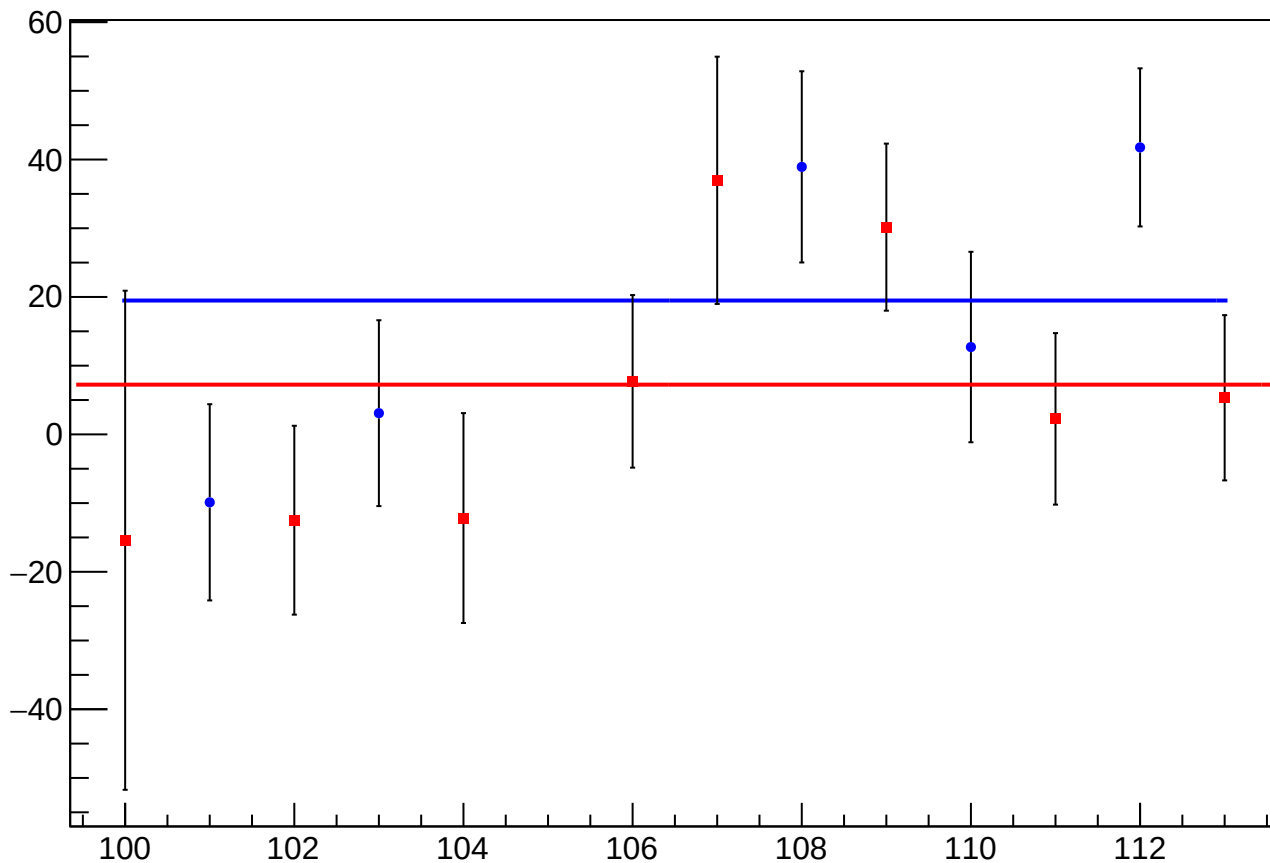
Right: 1200.545 $\pm$ 0.353 χ^2/NDF : 40259.6/12

In: 1217.089 $\pm$ 0.541 χ^2/NDF : 10552.1/4

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1200.545 $\pm$ 0.353 χ^2/NDF : 40259.6/12

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: 7.236+/-5.008 χ^2/NDF : 10.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

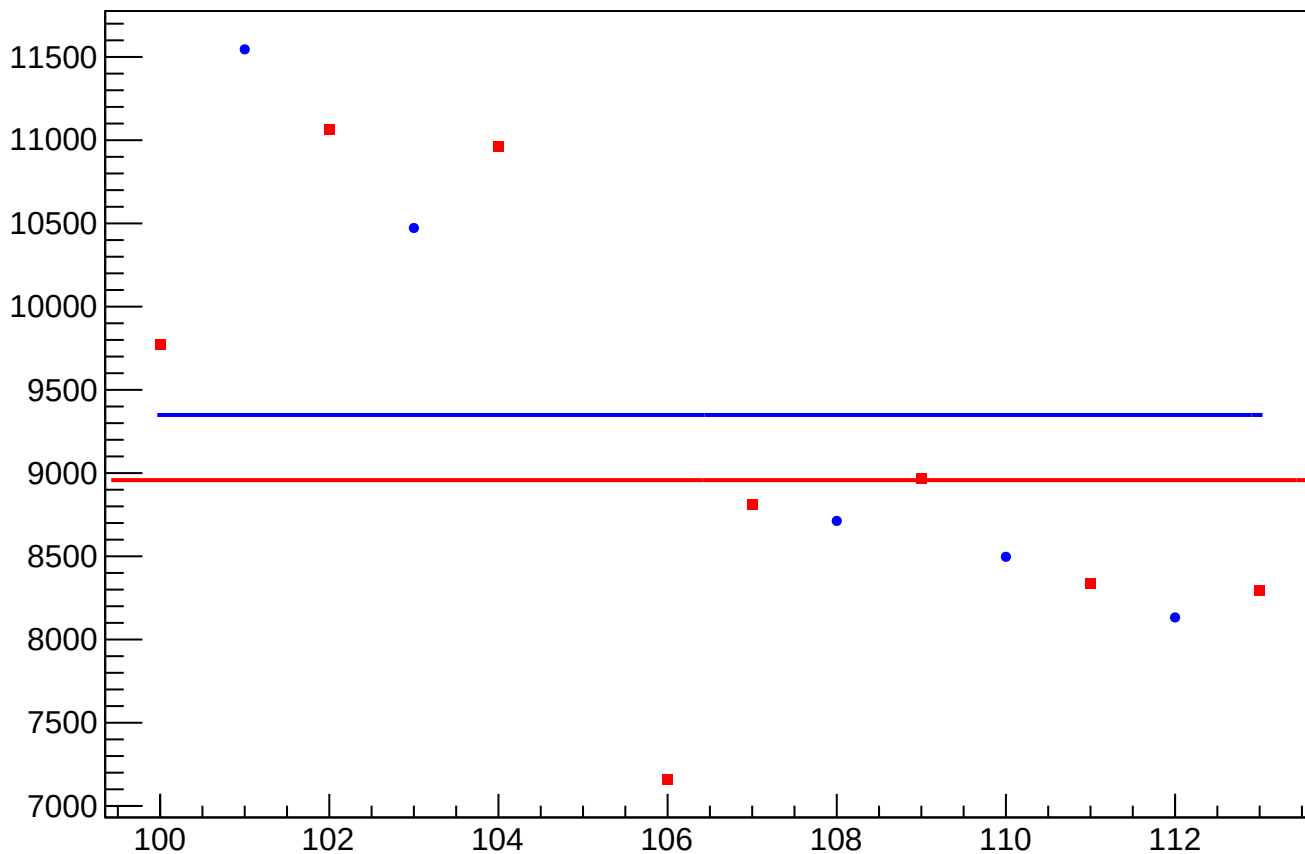
Right: 12.319+/-3.830 χ^2/NDF : 24.7/12

In: 19.480+/-5.945 χ^2/NDF : 11.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.319+/-3.830 χ^2/NDF : 24.7/12

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: 8957.625+/-3.541 χ^2/NDF : 134446.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

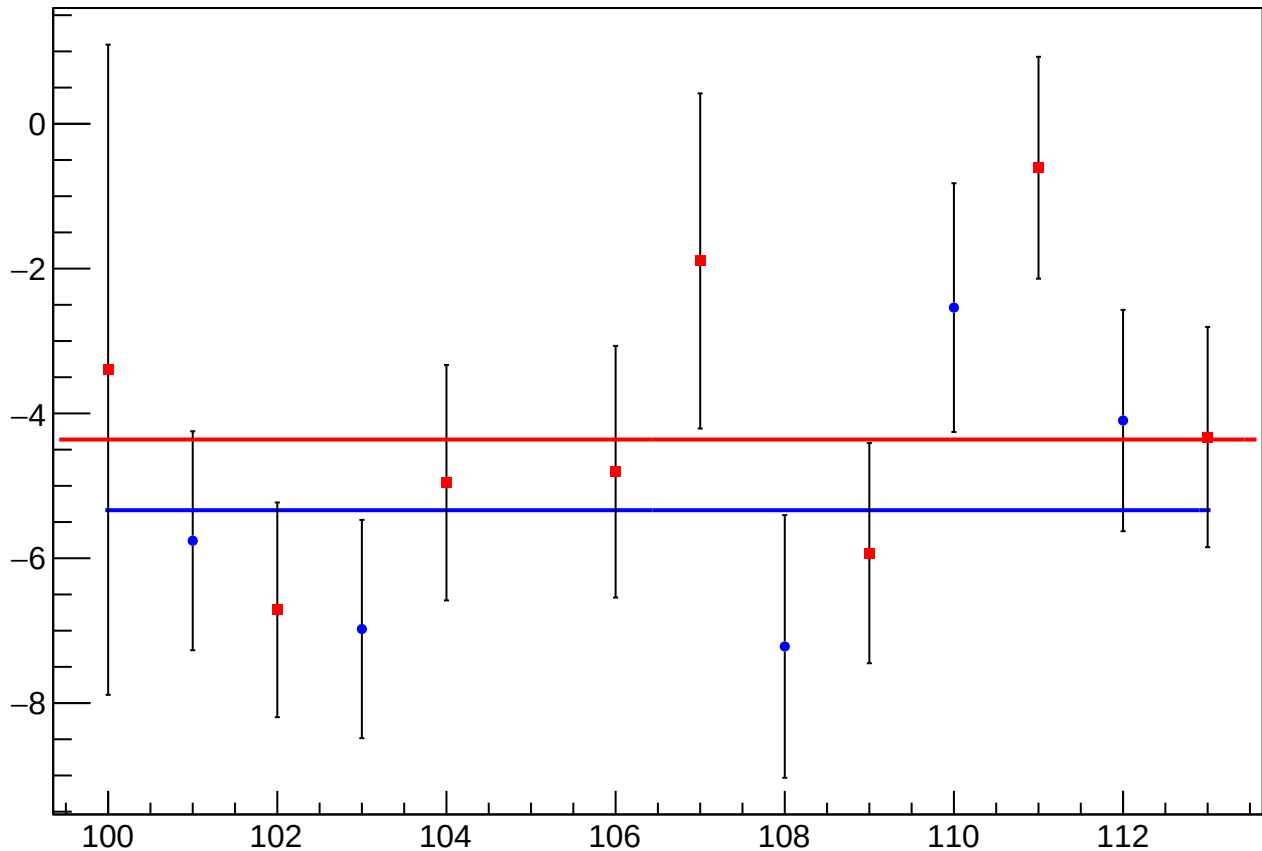
Right: 9120.174+/-2.708 χ^2/NDF : 234760.4/12

In: 9349.190+/-4.203 χ^2/NDF : 95238.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9120.174+/-2.708 χ^2/NDF : 234760.4/12

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: -4.360+/-0.609 χ^2/NDF : 11.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

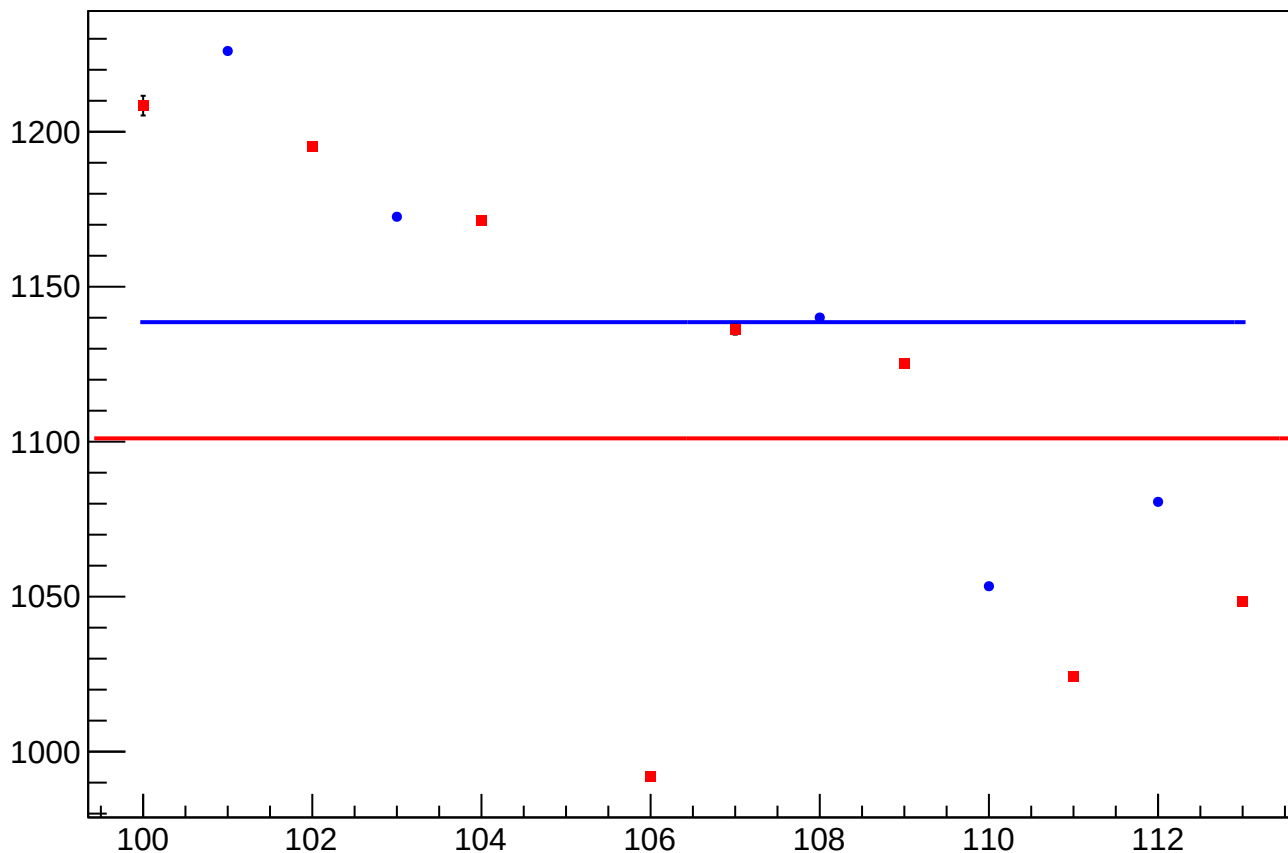
Right: -4.770+/-0.464 χ^2/NDF : 17.7/12

In: -5.336+/-0.716 χ^2/NDF : 5.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.770+/-0.464 χ^2/NDF : 17.7/12

diff_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 1138.568 $\pm$ 0.507 χ^2 /NDF: 15517.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1101.075 $\pm$ 0.431 χ^2 /NDF: 29264.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

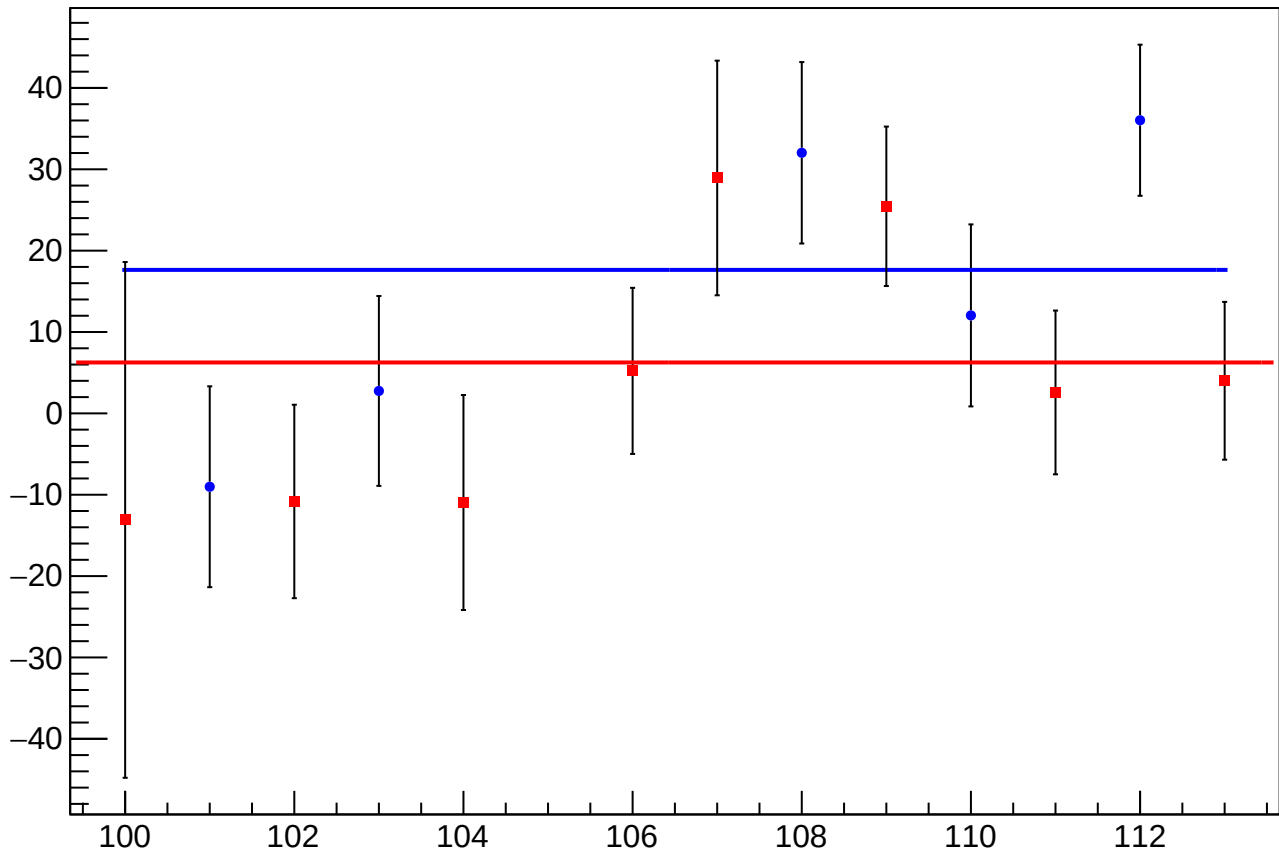
Right: 1116.819 $\pm$ 0.328 χ^2 /NDF: 47959.6/12

In: 1138.568 $\pm$ 0.507 χ^2 /NDF: 15517.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1116.819 $\pm$ 0.328 χ^2 /NDF: 47959.6/12

diff_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 17.636+/-4.907 χ^2/NDF : 12.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.257+/-4.113 χ^2/NDF : 10.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

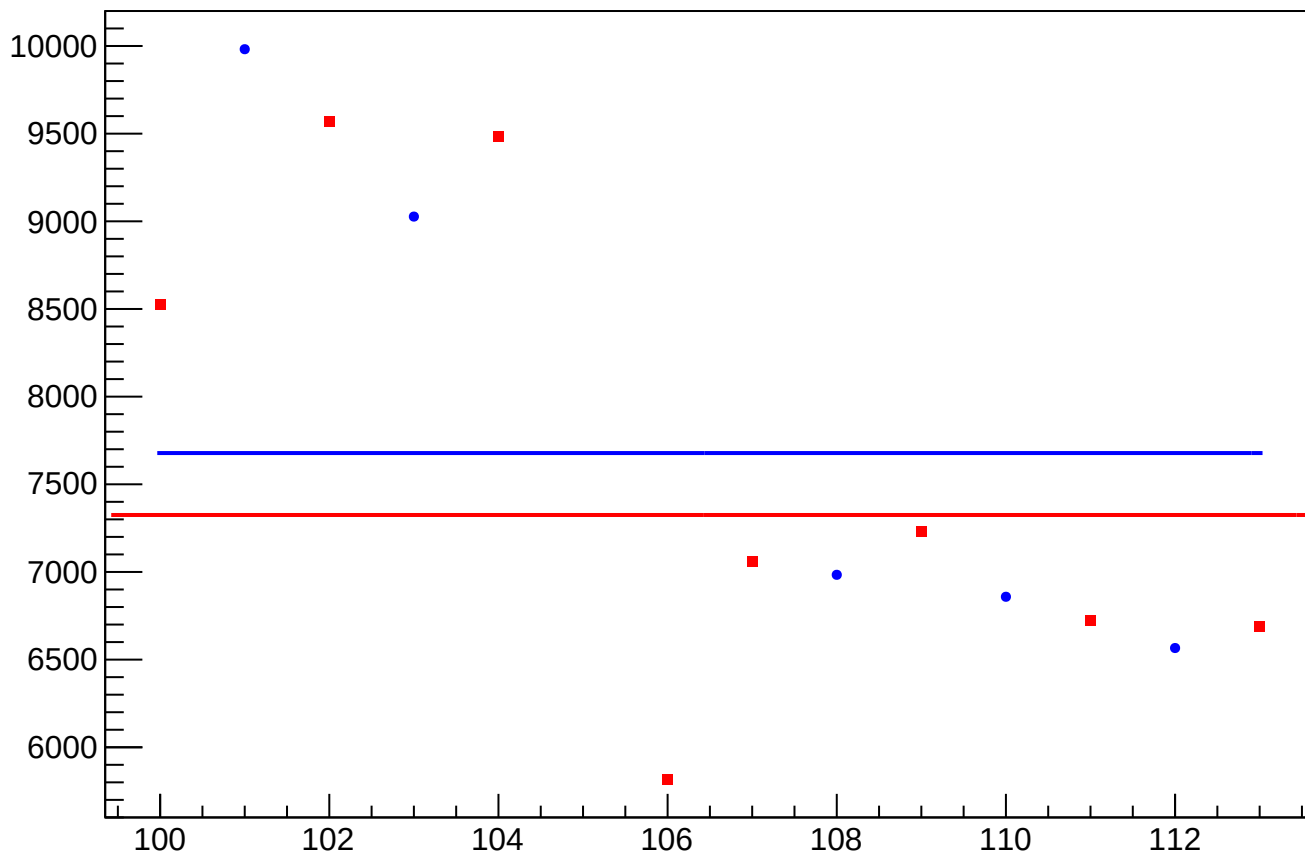
Right: 10.952+/-3.152 χ^2/NDF : 25.9/12

In: 17.636+/-4.907 χ^2/NDF : 12.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.952+/-3.152 χ^2/NDF : 25.9/12

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: 7324.971+/-2.908 χ^2/NDF : 187872.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

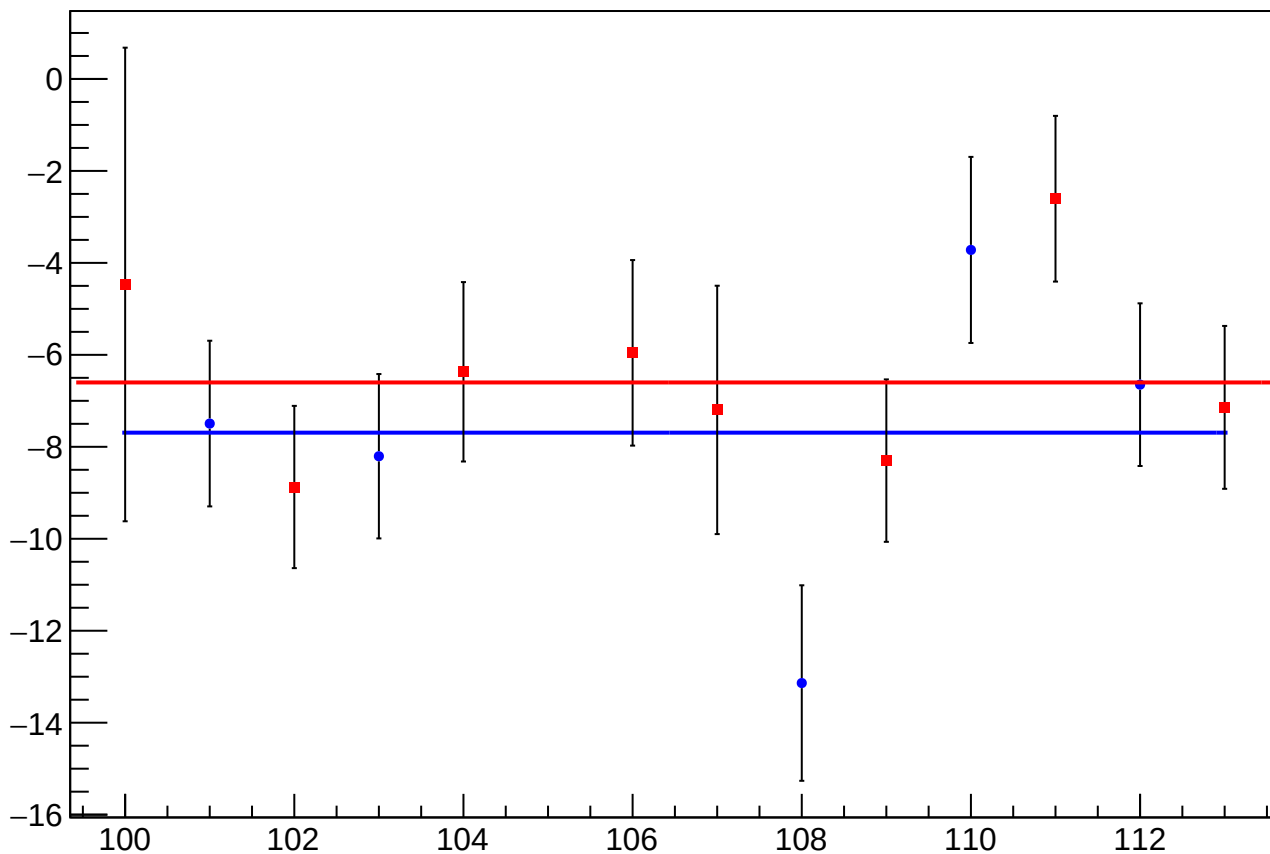
Right: 7470.728+/-2.229 χ^2/NDF : 337490.7/12

In: 7678.222+/-3.470 χ^2/NDF : 143530.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7470.728+/-2.229 χ^2/NDF : 337490.7/12

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: -6.600+/-0.716 χ^2/NDF : 7.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

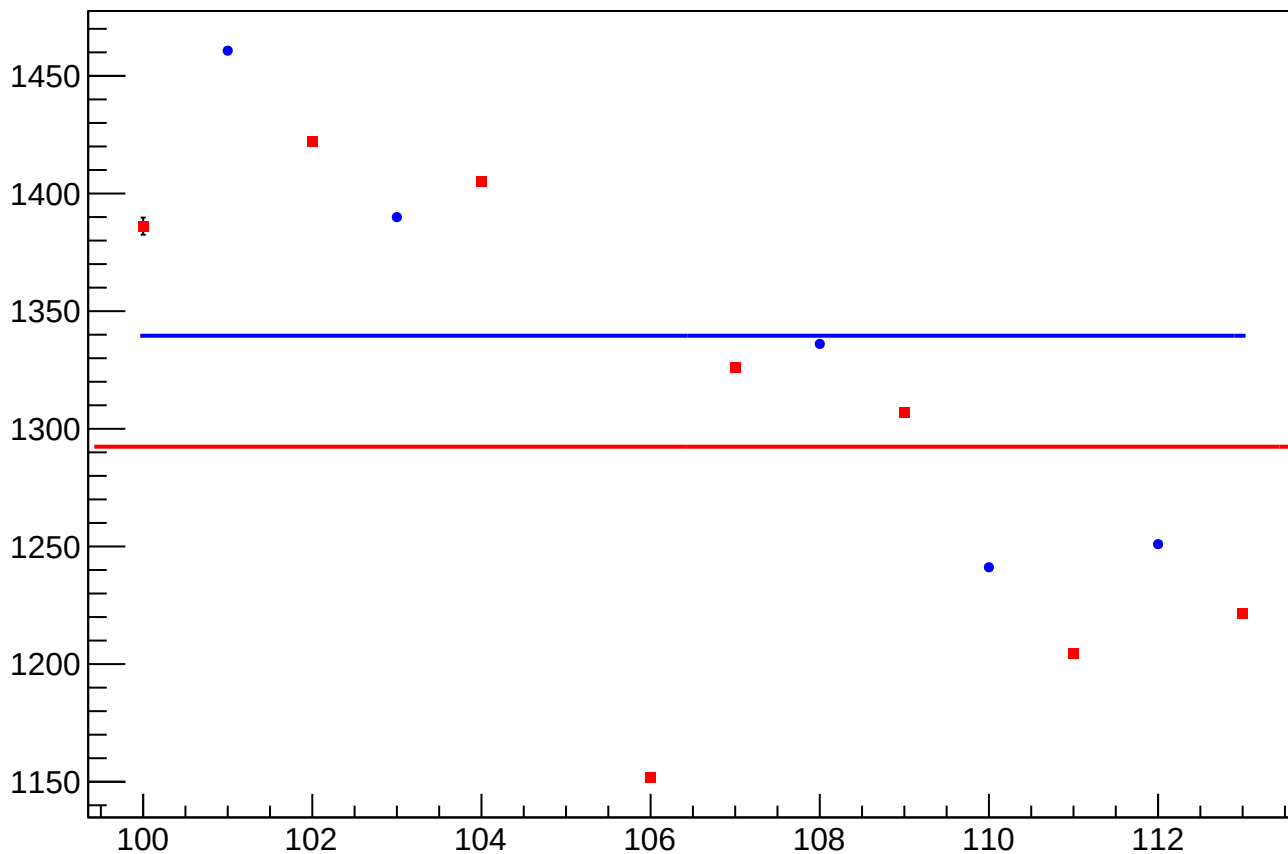
Right: -7.058+/-0.546 χ^2/NDF : 19.8/12

In: -7.692+/-0.843 χ^2/NDF : 10.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.058+/-0.546 χ^2/NDF : 19.8/12

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: 1292.403 $\pm$ 0.506 χ^2 /NDF: 36259.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

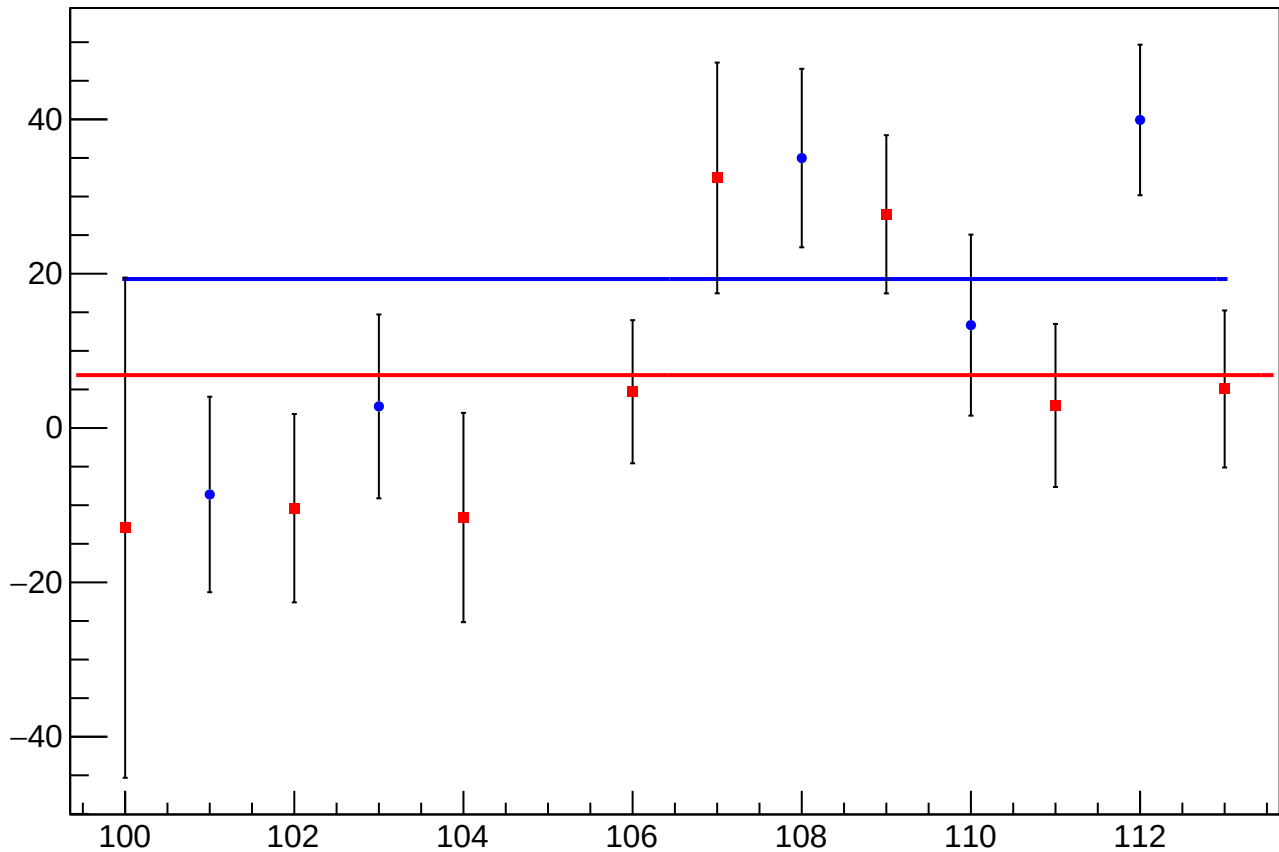
Right: 1312.153 $\pm$ 0.386 χ^2 /NDF: 60282.3/12

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: 1312.153 $\pm$ 0.386 χ^2 /NDF: 60282.3/12

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: 6.860+/-4.176 χ^2/NDF : 11.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

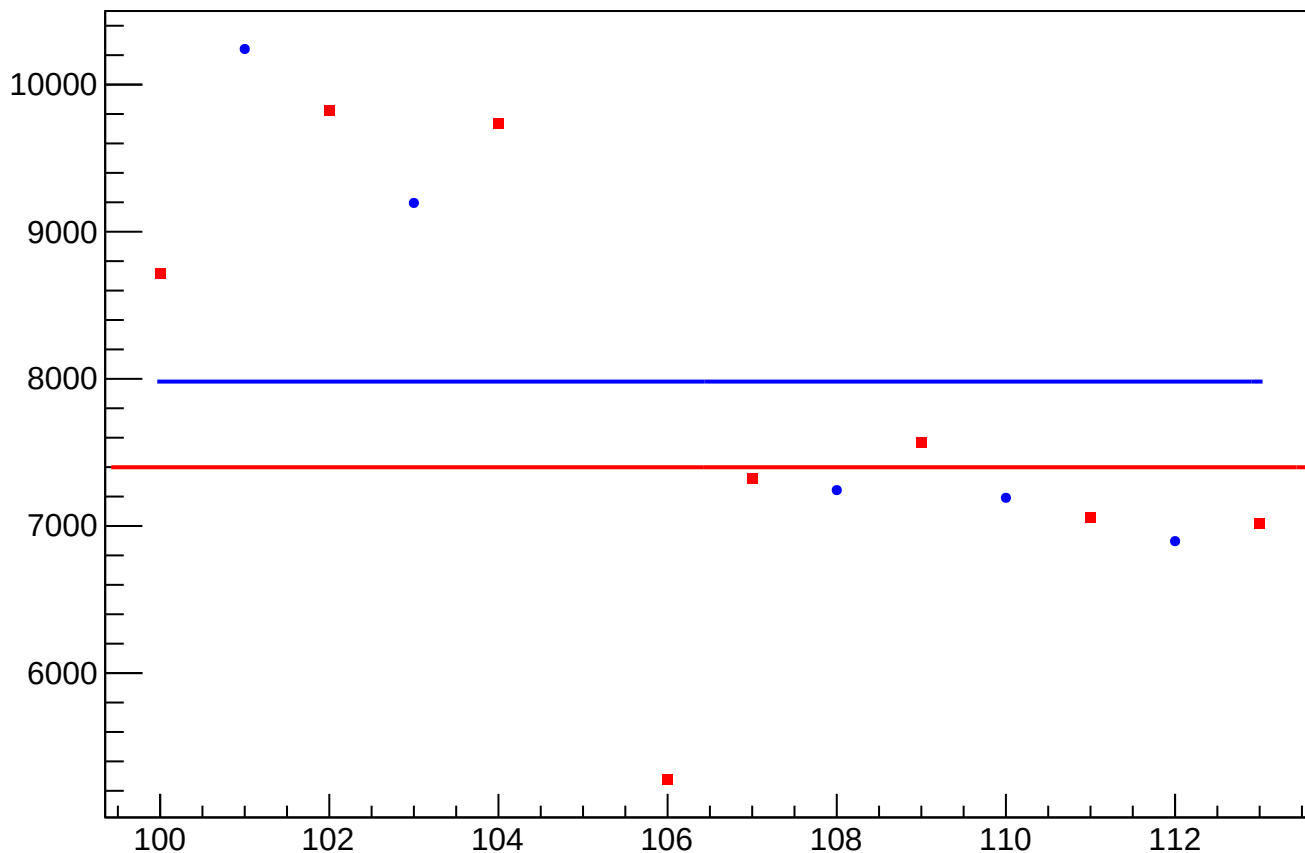
Right: 11.863+/-3.230 χ^2/NDF : 28.4/12

In: 19.309+/-5.094 χ^2/NDF : 13.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.863+/-3.230 χ^2/NDF : 28.4/12

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: 7399.173+/-2.953 χ^2/NDF : 251958.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

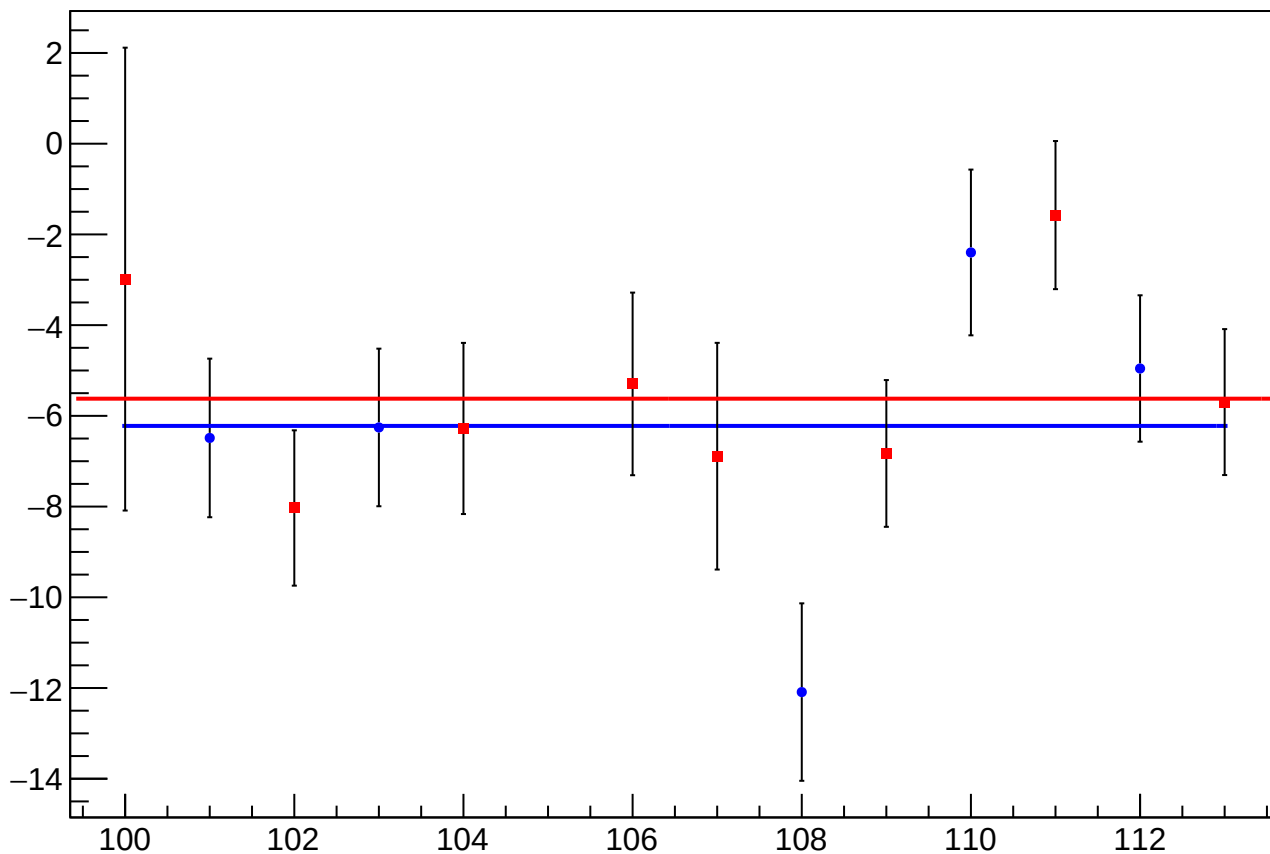
Right: 7633.214+/-2.284 χ^2/NDF : 394001.7/12

In: 7981.503+/-3.602 χ^2/NDF : 126413.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7633.214+/-2.284 χ^2/NDF : 394001.7/12

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: -5.621 $\pm$ 0.673 χ^2 /NDF: 9.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

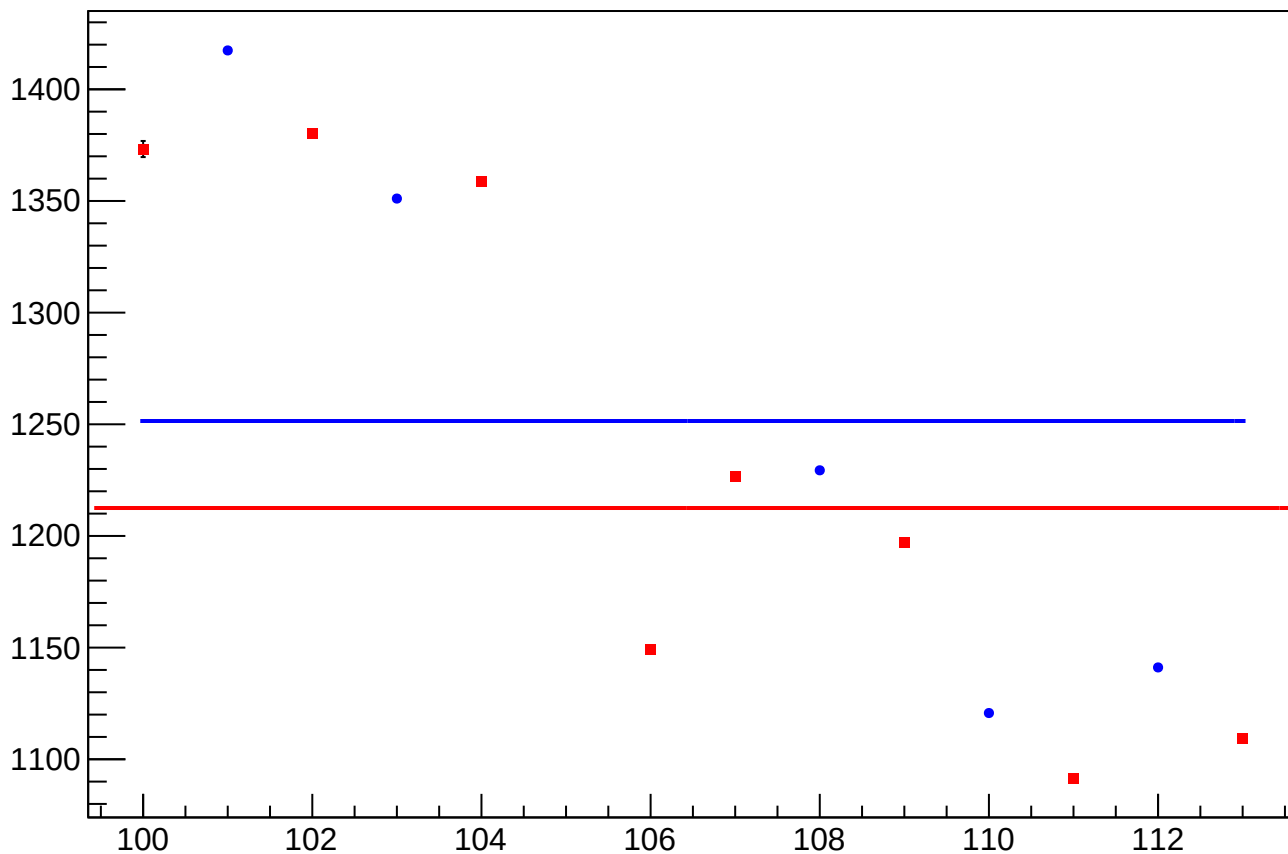
Right: -5.874 $\pm$ 0.512 χ^2 /NDF: 23.7/12

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: -5.874 $\pm$ 0.512 χ^2 /NDF: 23.7/12

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: 1212.513+/-0.476 χ^2/NDF : 54632.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

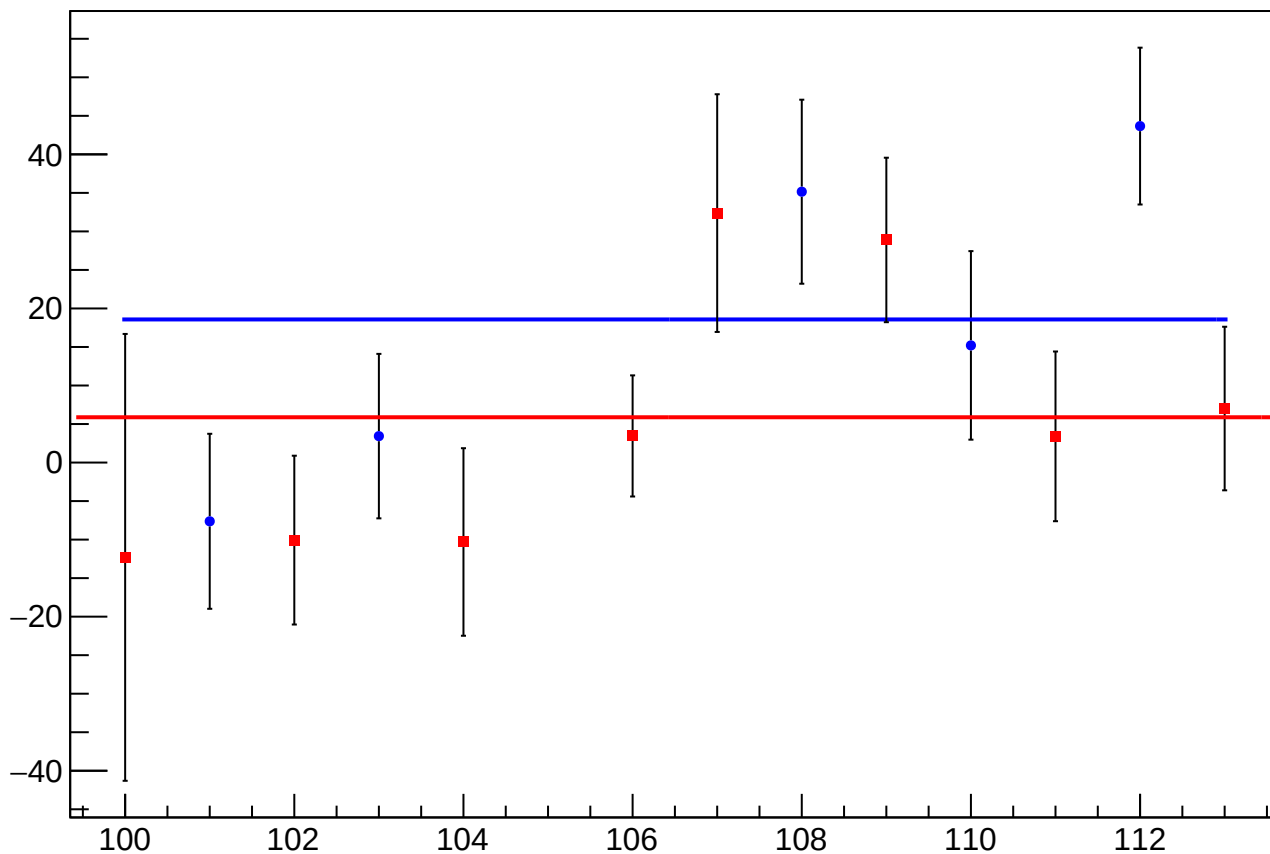
Right: 1228.891+/-0.362 χ^2/NDF : 101904.5/12

In: 1251.474+/-0.558 χ^2/NDF : 44450.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1228.891+/-0.362 χ^2/NDF : 101904.5/12

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: 5.879+/-3.998 χ^2/NDF : 12.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

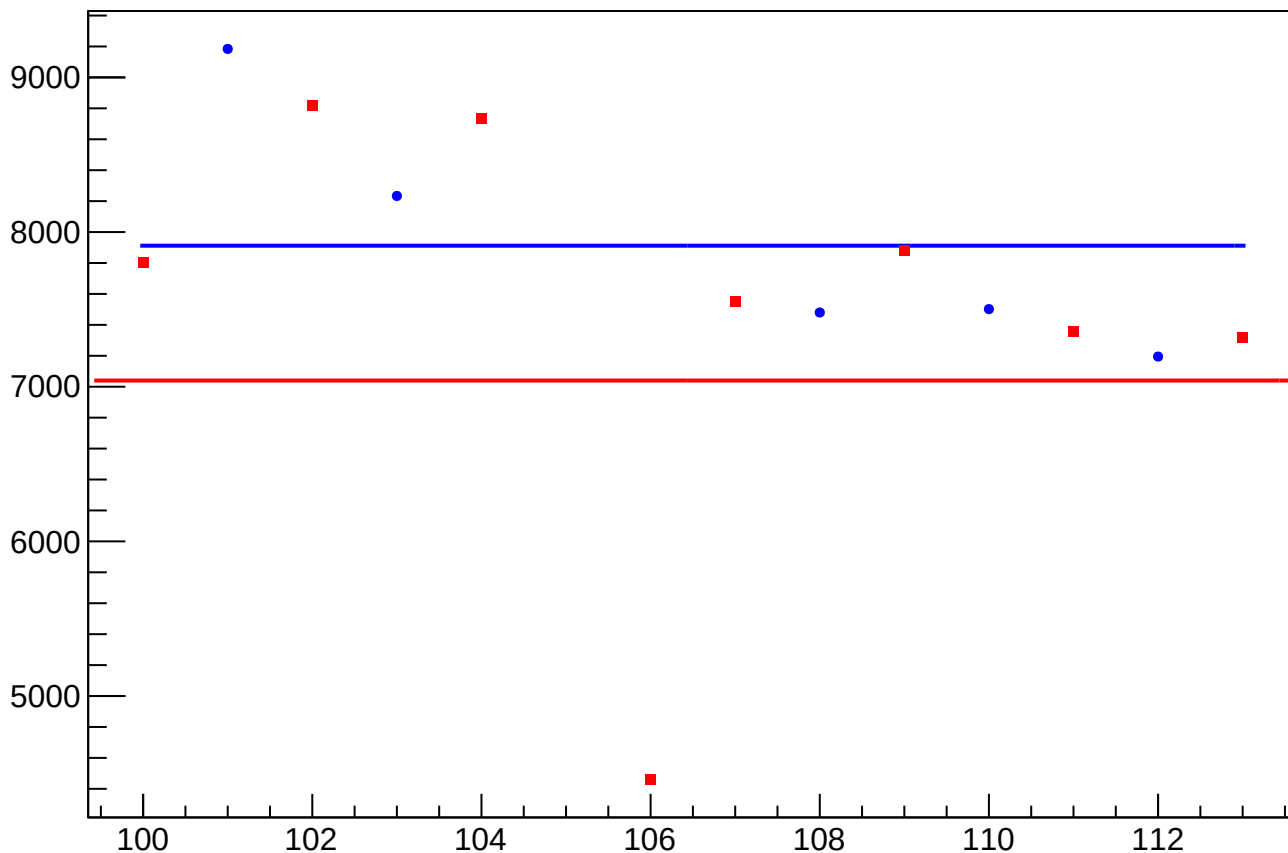
Right: 10.821+/-3.124 χ^2/NDF : 31.4/12

In: 18.574+/-5.008 χ^2/NDF : 15.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.821+/-3.124 χ^2/NDF : 31.4/12

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: 7040.147+/-2.827 χ^2/NDF : 326492.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

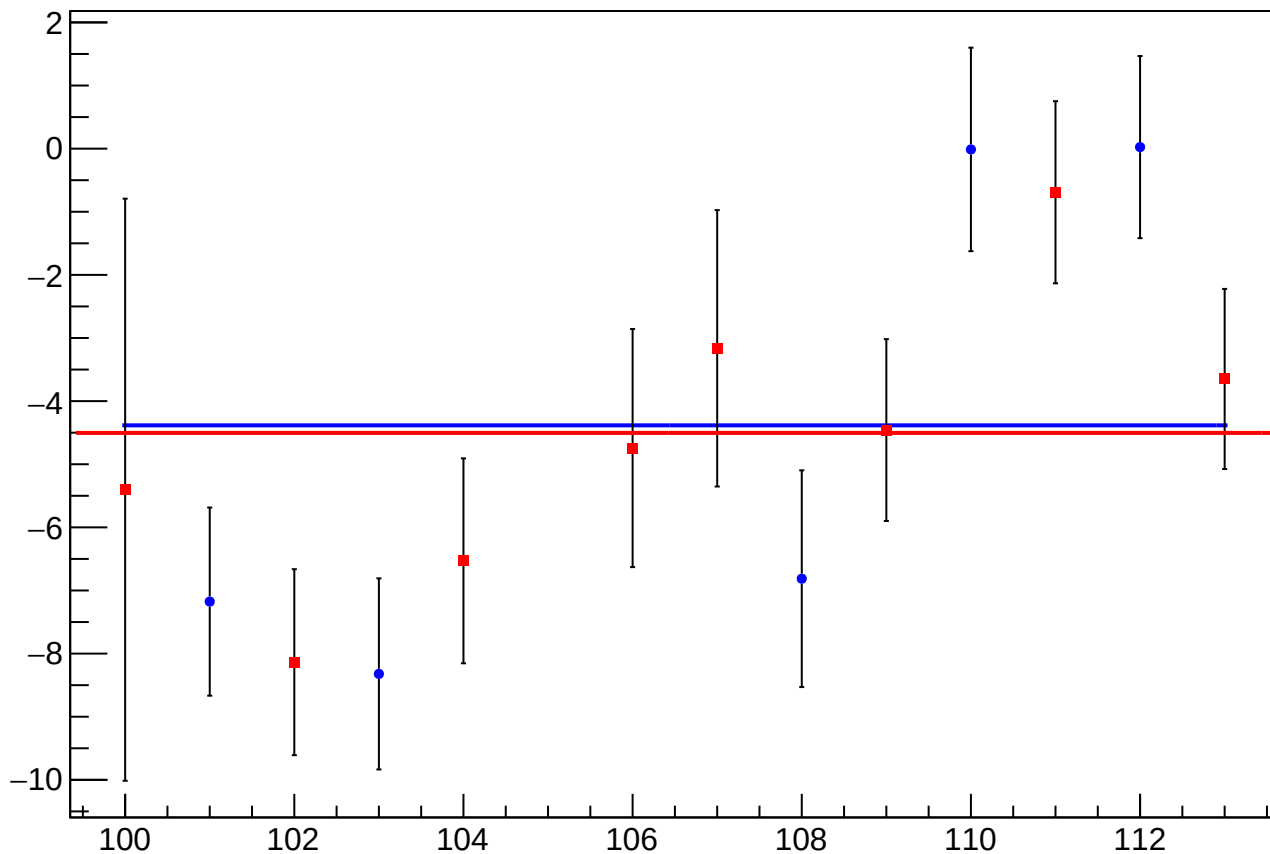
Right: 7379.515+/-2.209 χ^2/NDF : 405217.0/12

In: 7911.872+/-3.541 χ^2/NDF : 41709.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7379.515+/-2.209 χ^2/NDF : 405217.0/12

diff_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -4.384+/-0.692 χ^2/NDF : 29.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.503+/-0.594 χ^2/NDF : 15.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

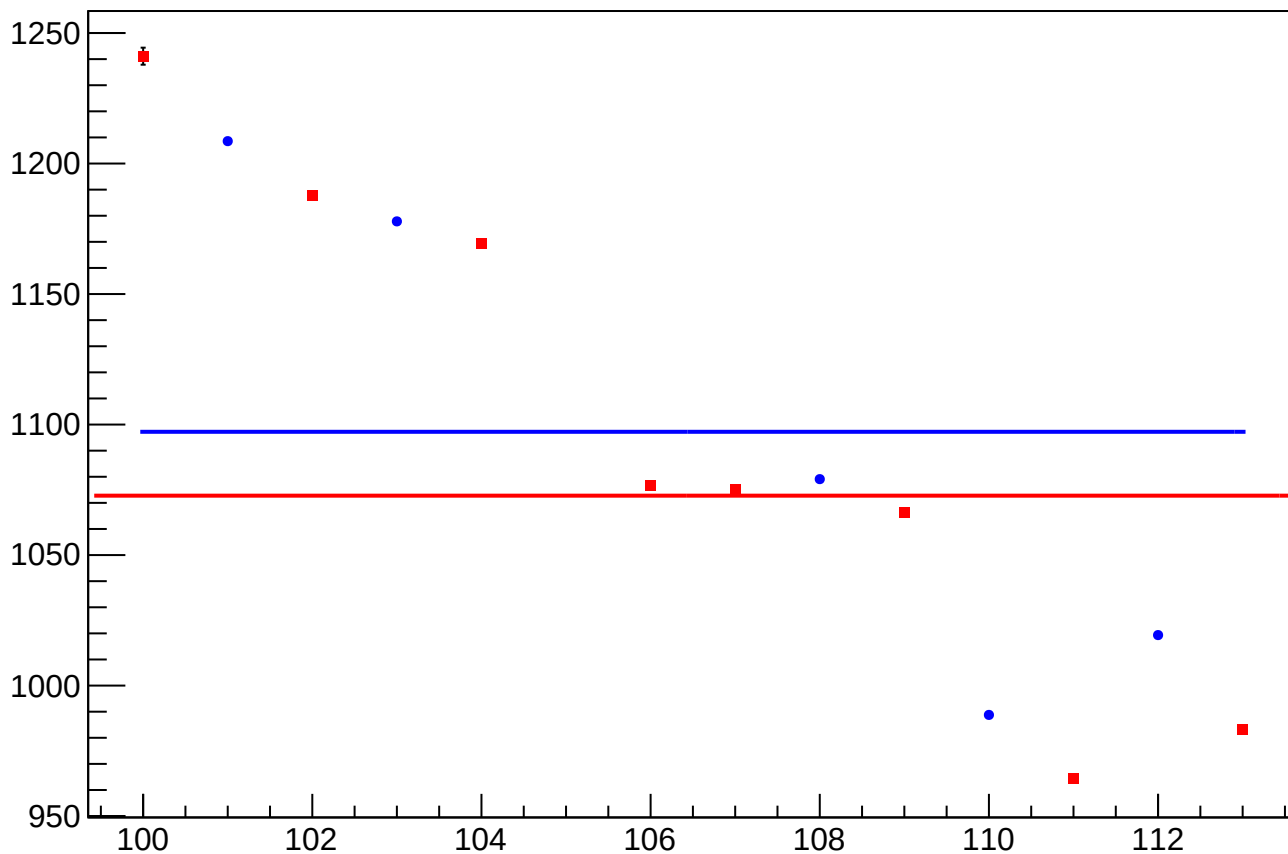
Right: -4.453+/-0.451 χ^2/NDF : 44.4/12

In: -4.384+/-0.692 χ^2/NDF : 29.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.453+/-0.451 χ^2/NDF : 44.4/12

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: 1072.761+/-0.420 χ^2/NDF : 41092.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

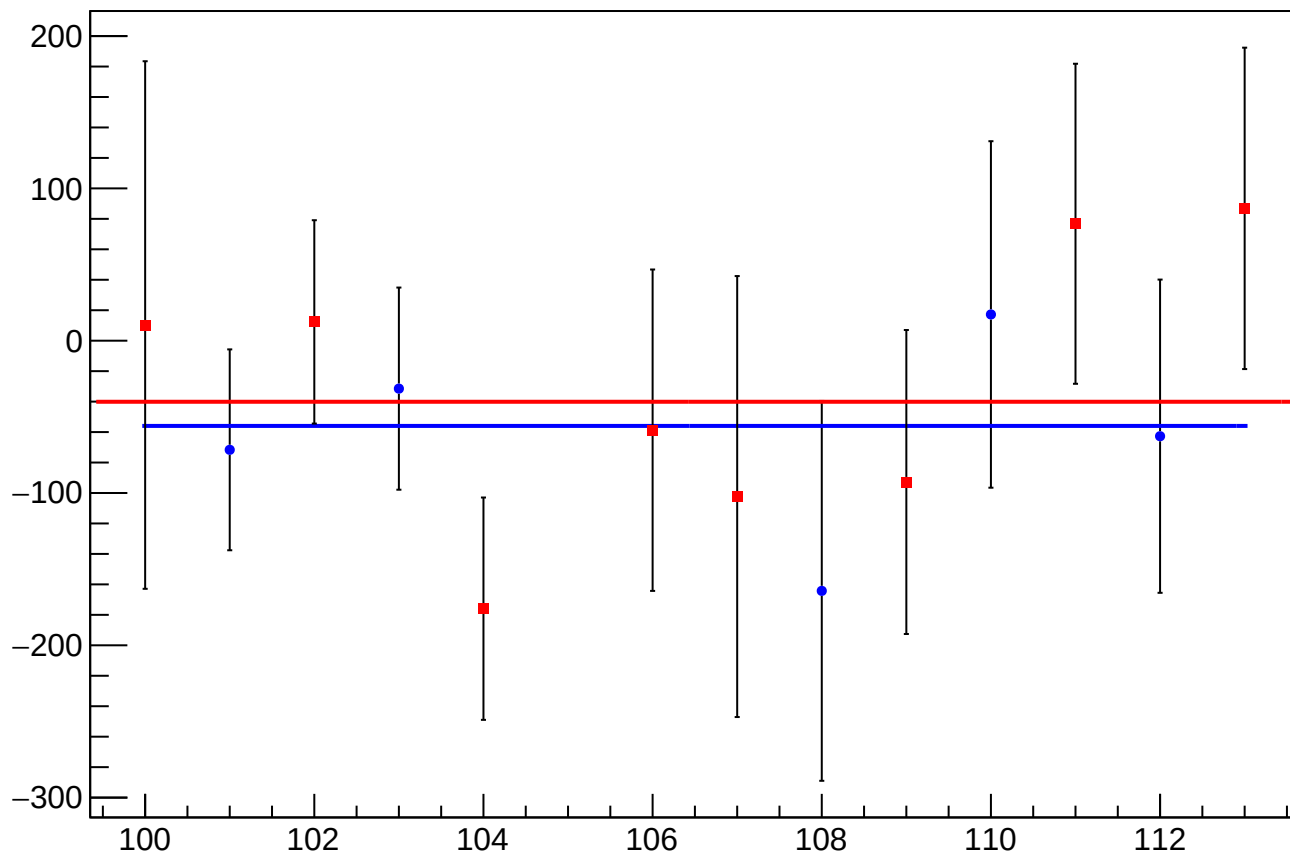
Right: 1083.157+/-0.319 χ^2/NDF : 74472.7/12

In: 1097.228+/-0.489 χ^2/NDF : 31940.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1083.157+/-0.319 χ^2/NDF : 74472.7/12

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: -40.096 $\pm$ 34.025 χ^2 /NDF: 7.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

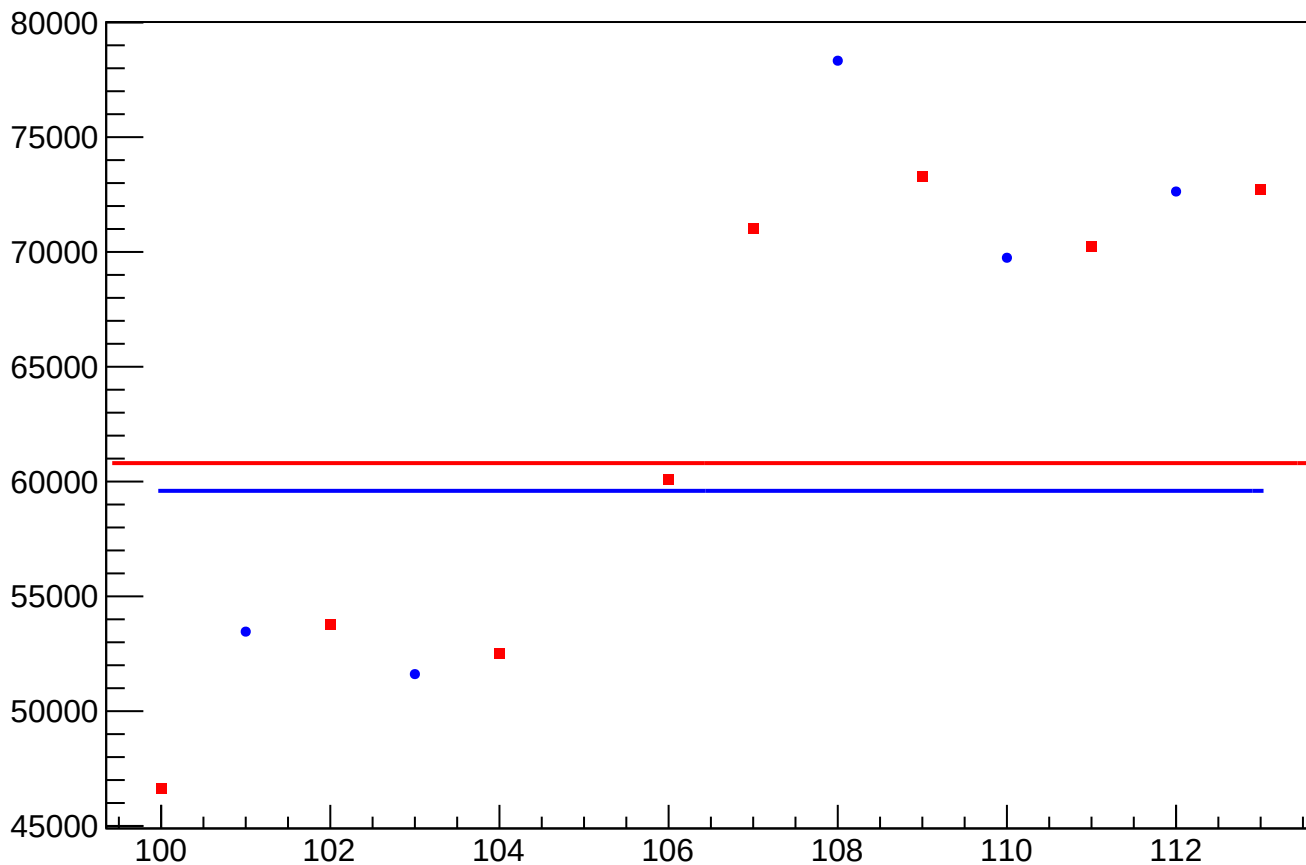
Right: -47.157 $\pm$ 25.344 χ^2 /NDF: 8.8/12

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: -47.157 $\pm$ 25.344 χ^2 /NDF: 8.8/12

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: 60803.146+/-24.059 χ^2/NDF : 144412.2/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

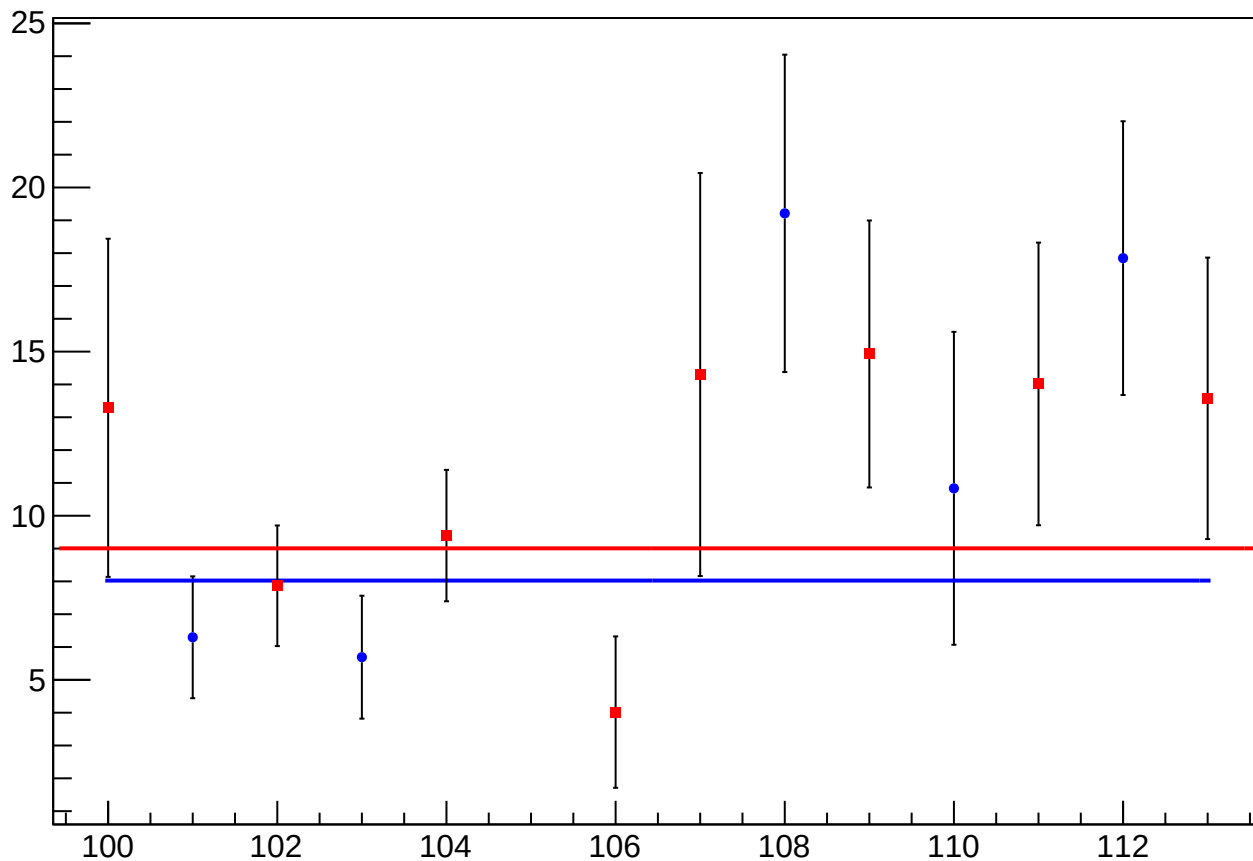
Right: 60265.681+/-17.921 χ^2/NDF : 284969.7/12

In: 59595.923+/-26.858 χ^2/NDF :139436.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 60265.681+/-17.921 χ^2/NDF : 284969.7/12

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: 9.006+/-1.017 χ^2/NDF : 11.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

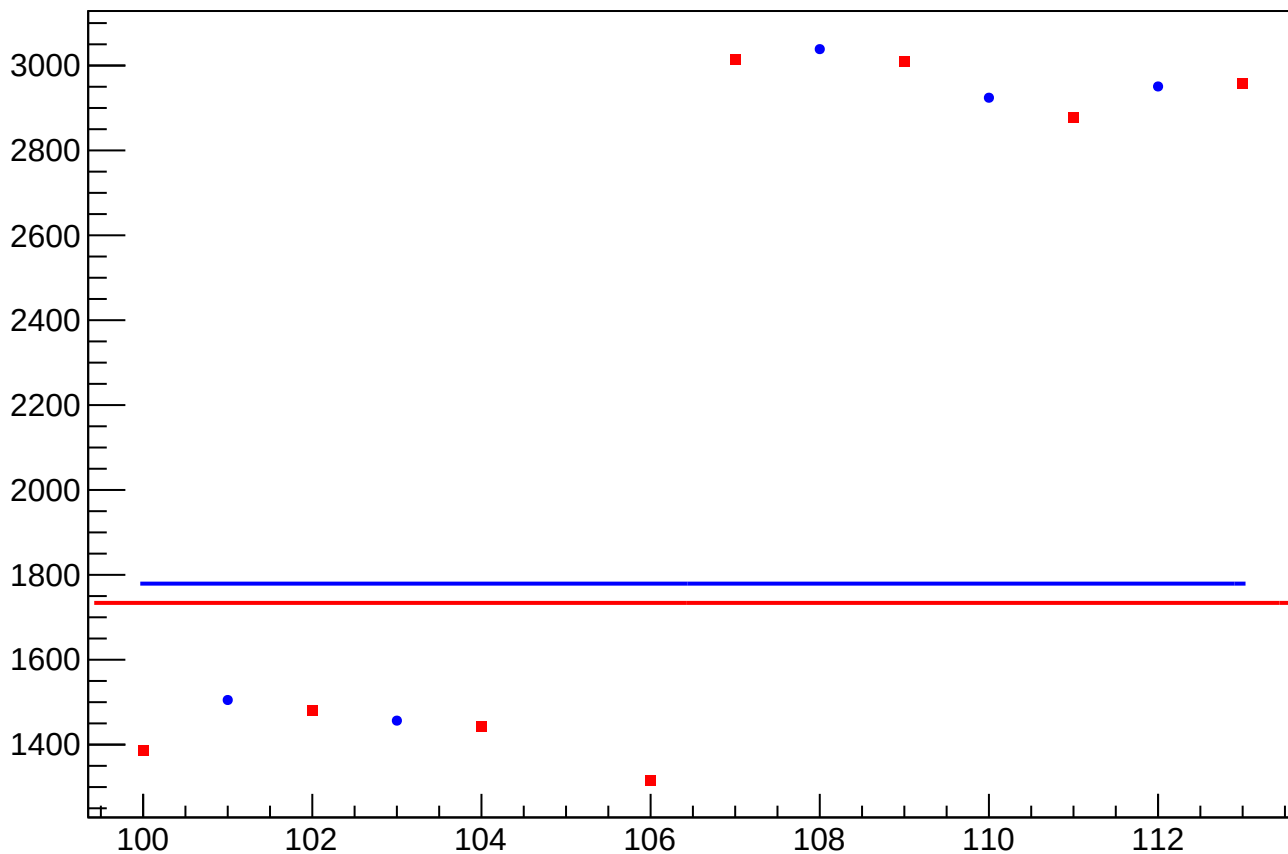
Right: 8.587+/-0.770 χ^2/NDF : 25.2/12

In: 8.025+/-1.179 χ^2/NDF : 13.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.587+/-0.770 χ^2/NDF : 25.2/12

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: 1733.915+/-0.719 χ^2/NDF : 742867.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

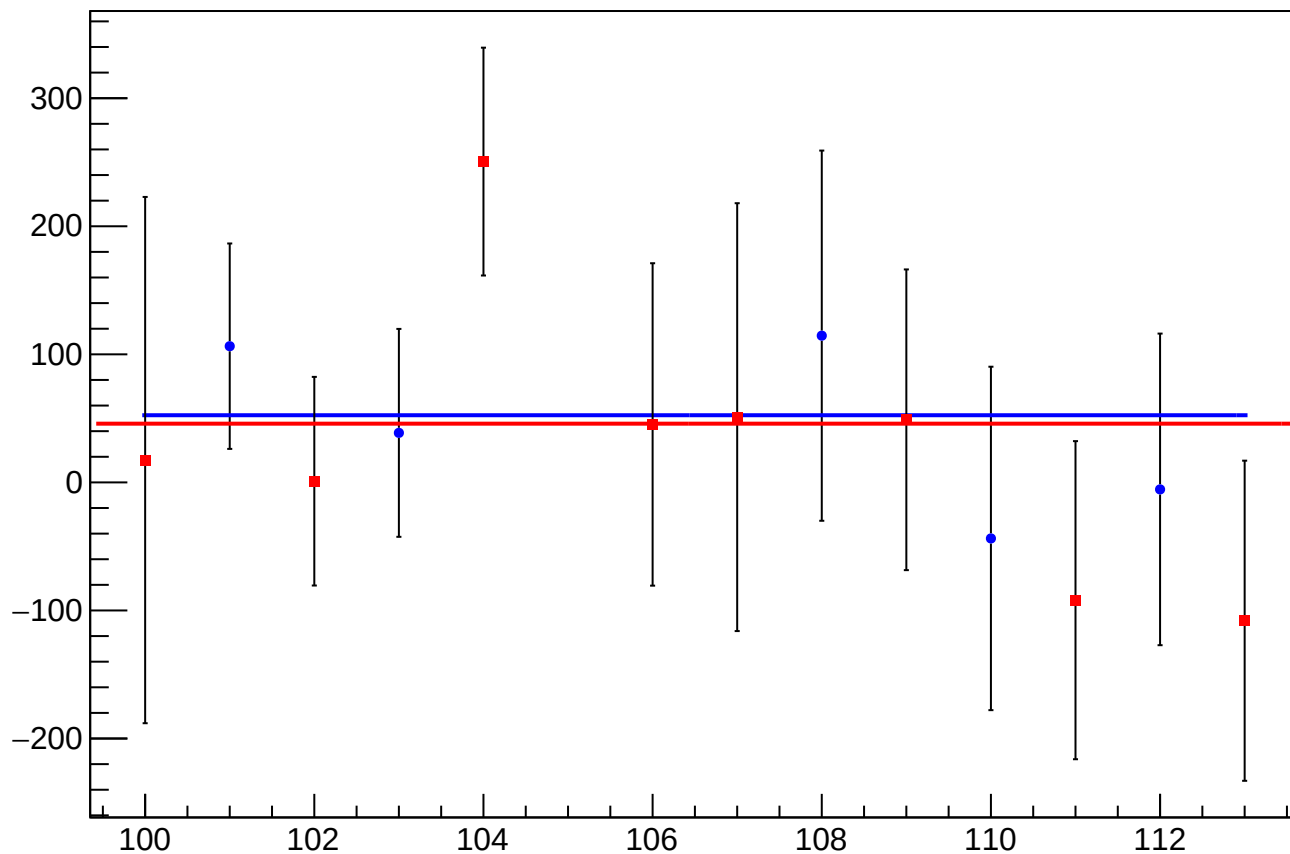
Right: 1753.288+/-0.545 χ^2/NDF : 1256498.7/12

In: 1779.310+/-0.834 χ^2/NDF : 511930.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1753.288+/-0.545 χ^2/NDF : 1256498.7/12

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: 45.856+/-40.788 χ^2/NDF : 8.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

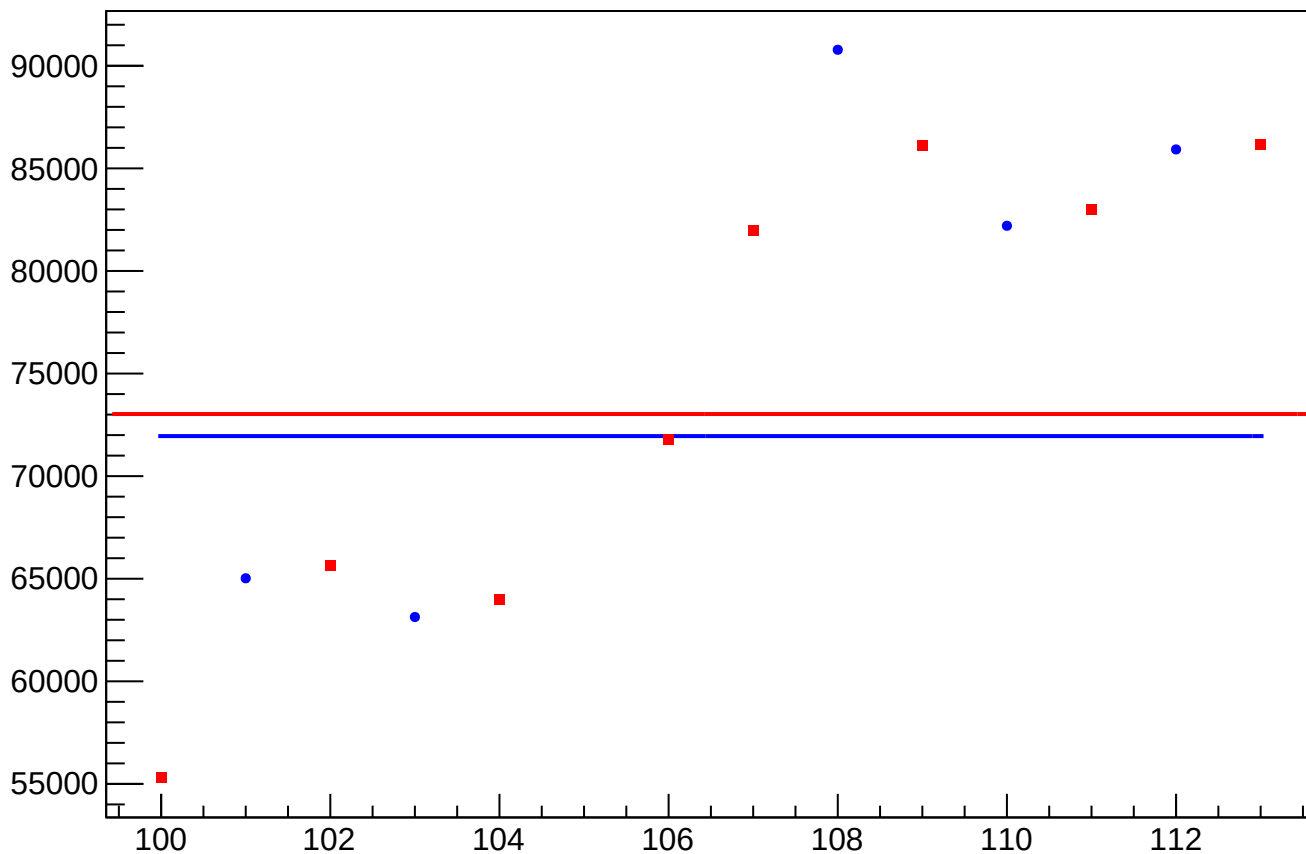
Right: 48.778+/-30.438 χ^2/NDF : 9.8/12

In: 52.451+/-45.727 χ^2/NDF : 1.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.778+/-30.438 χ^2/NDF : 9.8/12

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: 73027.138+/-28.842 χ^2/NDF : 117819.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

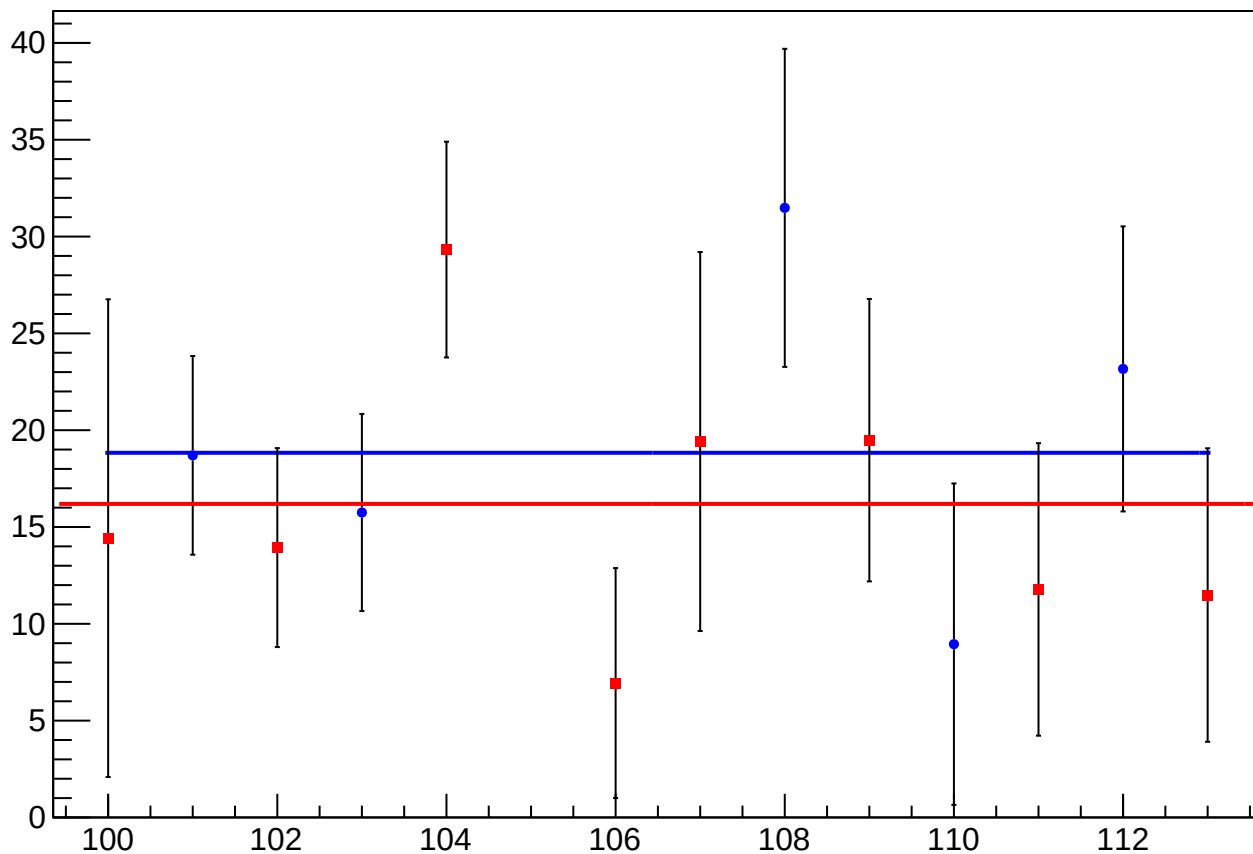
Right: 72550.641+/-21.523 χ^2/NDF : 228976.2/12

In: 71951.779+/-32.334 χ^2/NDF : 110540.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72550.641+/-21.523 χ^2/NDF : 228976.2/12

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: 16.193+/-2.431 χ^2/NDF : 9.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

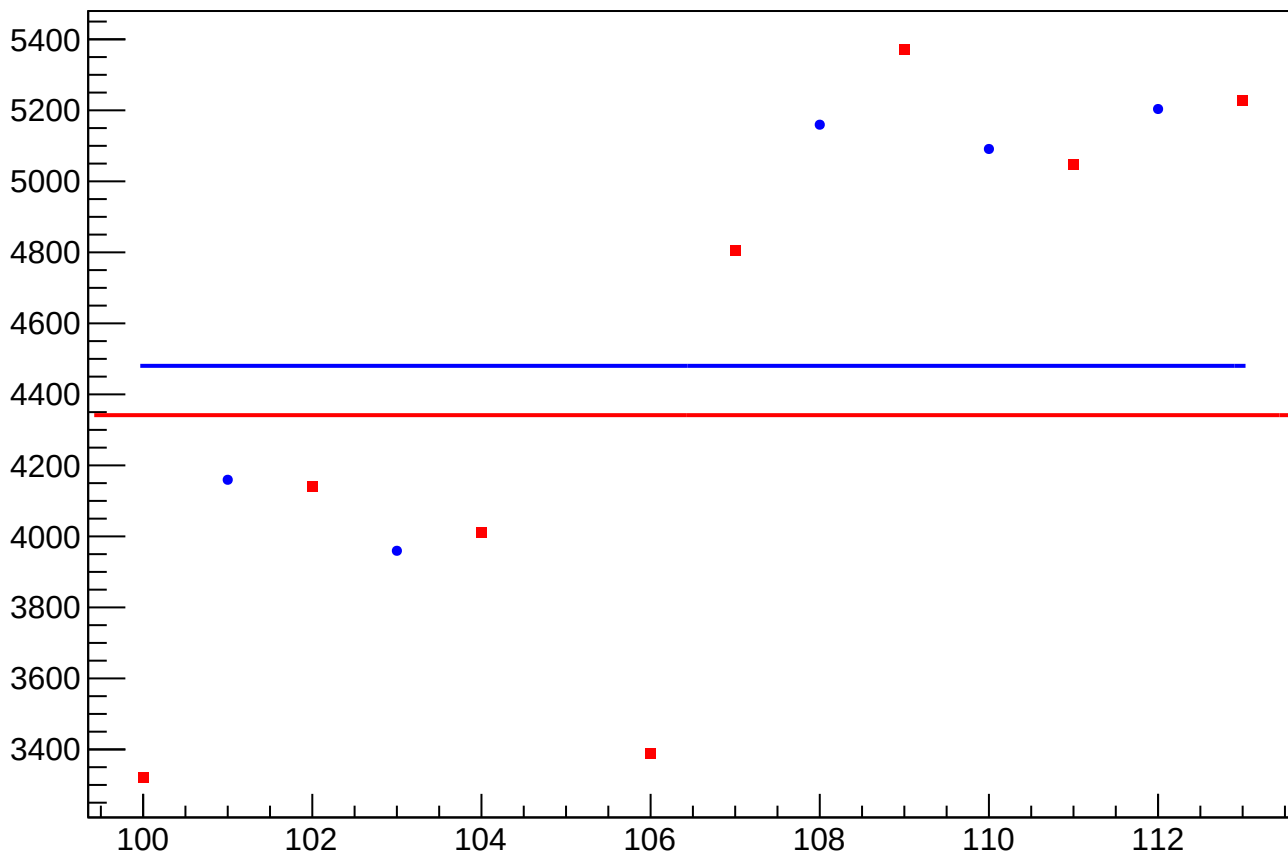
Right: 17.311+/-1.846 χ^2/NDF : 14.2/12

In: 18.833+/-2.836 χ^2/NDF : 4.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.311+/-1.846 χ^2/NDF : 14.2/12

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: 4341.462+/-1.719 χ^2/NDF : 164405.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

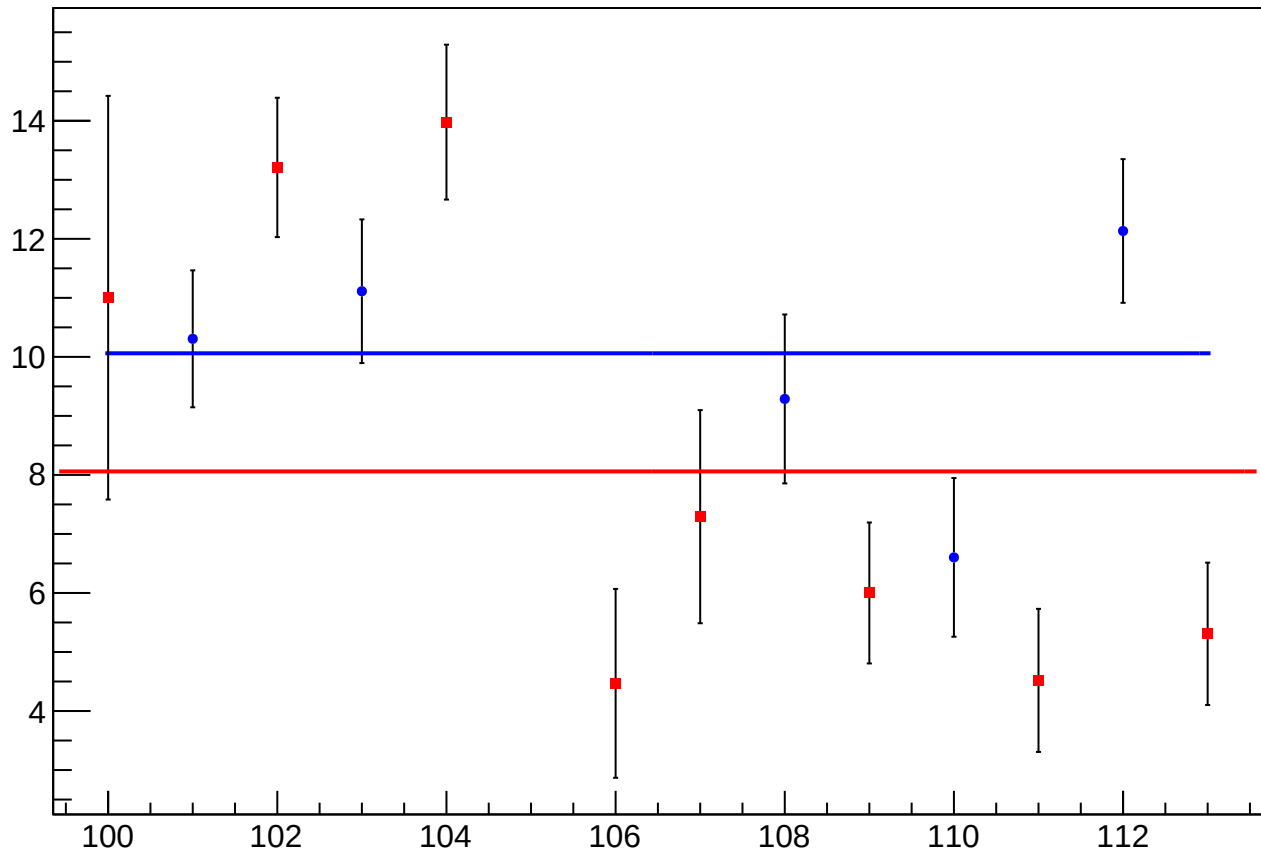
Right: 4400.304+/-1.305 χ^2/NDF : 239745.9/12

In: 4480.366+/-2.005 χ^2/NDF : 72574.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4400.304+/-1.305 χ^2/NDF : 239745.9/12

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: 8.059+/-0.491 χ^2/NDF : 62.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

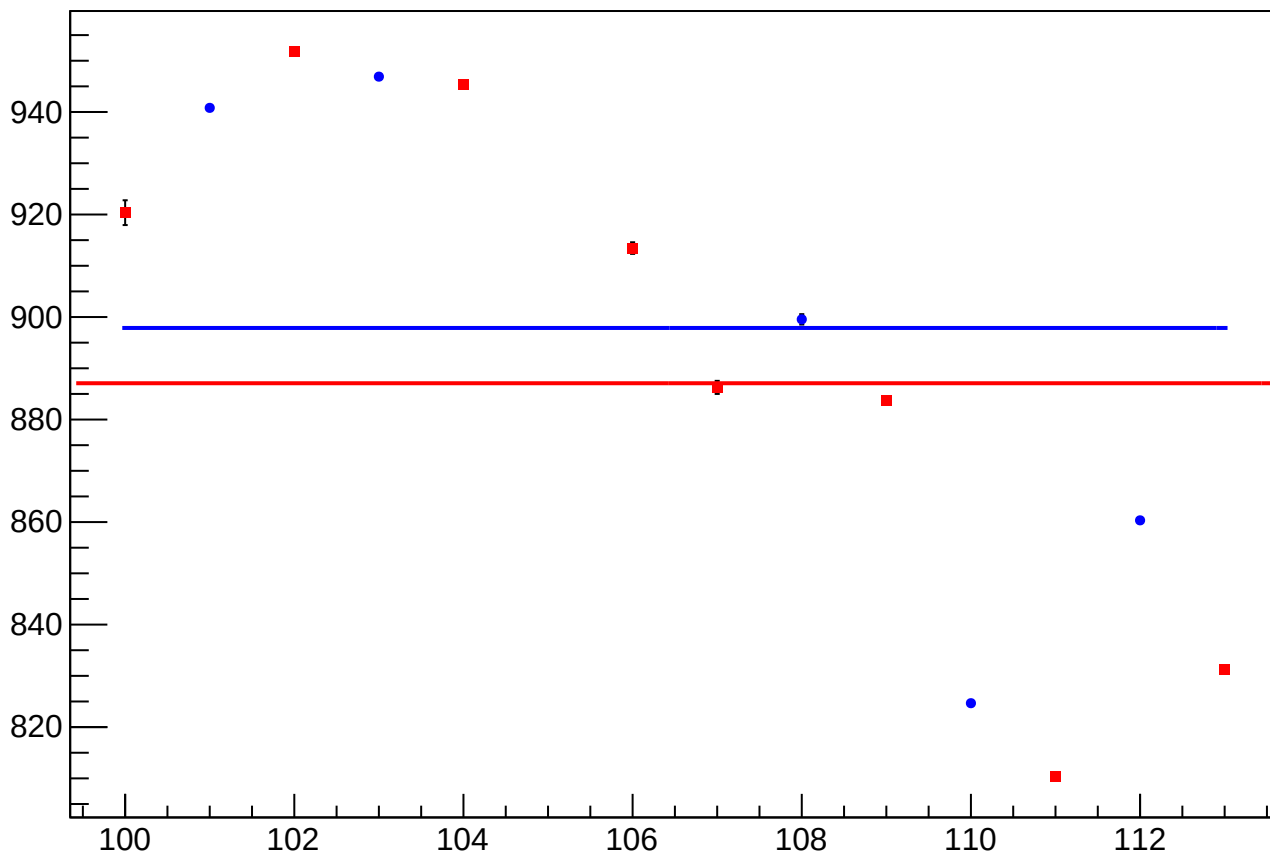
Right: 8.920+/-0.370 χ^2/NDF : 79.8/12

In: 10.061+/-0.565 χ^2/NDF : 10.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.920+/-0.370 χ^2/NDF : 79.8/12

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: 887.085+/-0.347 χ^2/NDF : 22989.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

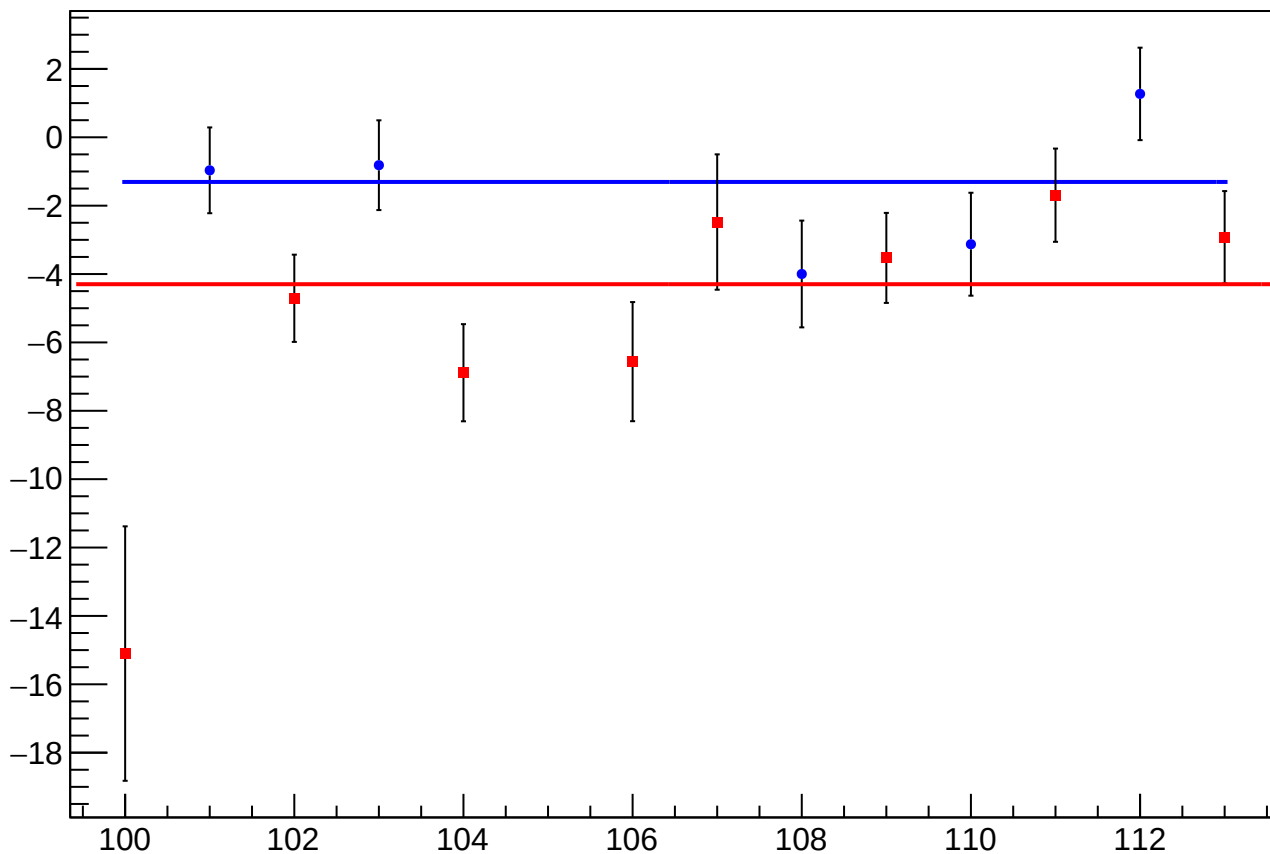
Right: 891.725+/-0.262 χ^2/NDF : 37223.6/12

In: 897.869+/-0.399 χ^2/NDF : 13818.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 891.725+/-0.262 χ^2/NDF : 37223.6/12

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: -4.297+/-0.540 χ^2/NDF : 19.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

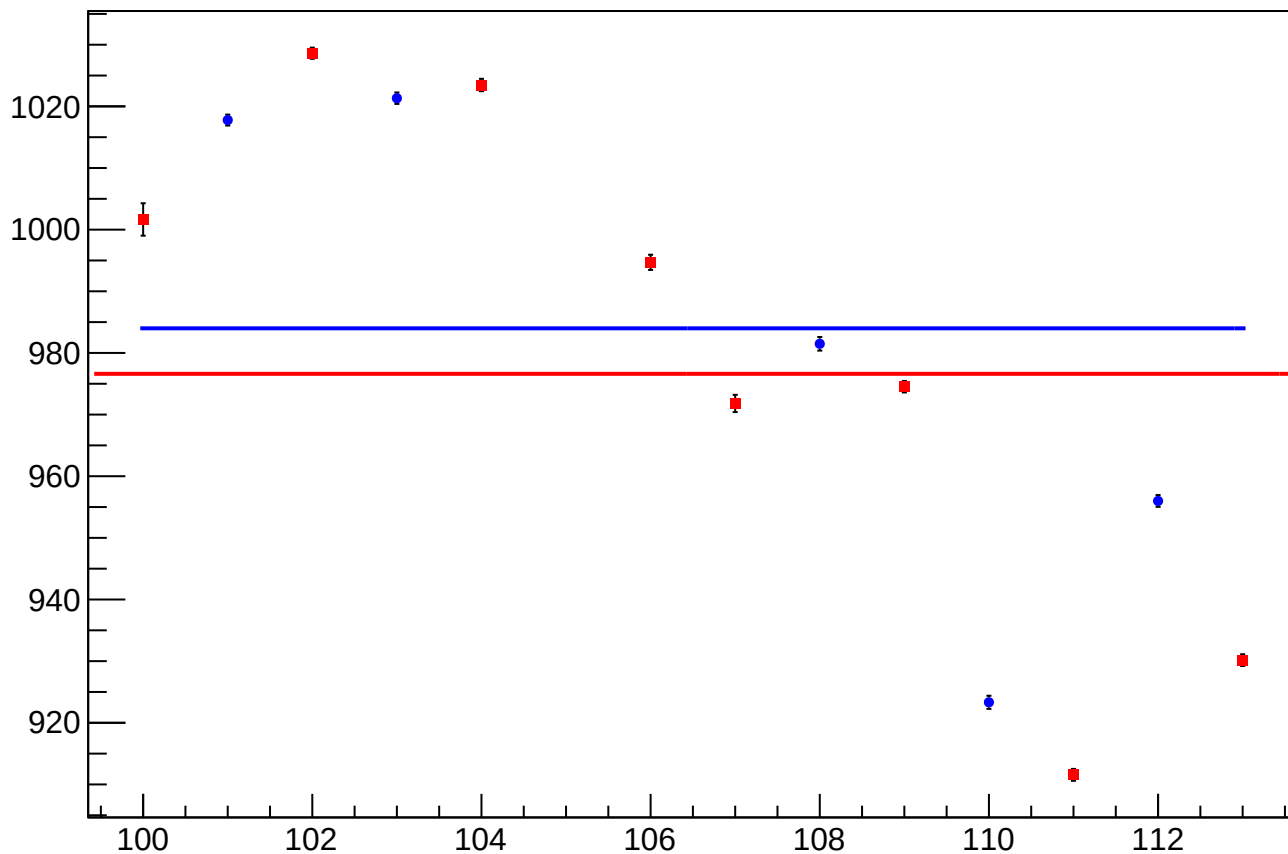
Right: -3.004+/-0.407 χ^2/NDF : 41.0/12

In: -1.306+/-0.619 χ^2/NDF : 8.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.004+/-0.407 χ^2/NDF : 41.0/12

diff_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 983.992 $\pm$ 0.437 χ^2 /NDF: 7178.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 976.611 $\pm$ 0.382 χ^2 /NDF: 12742.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

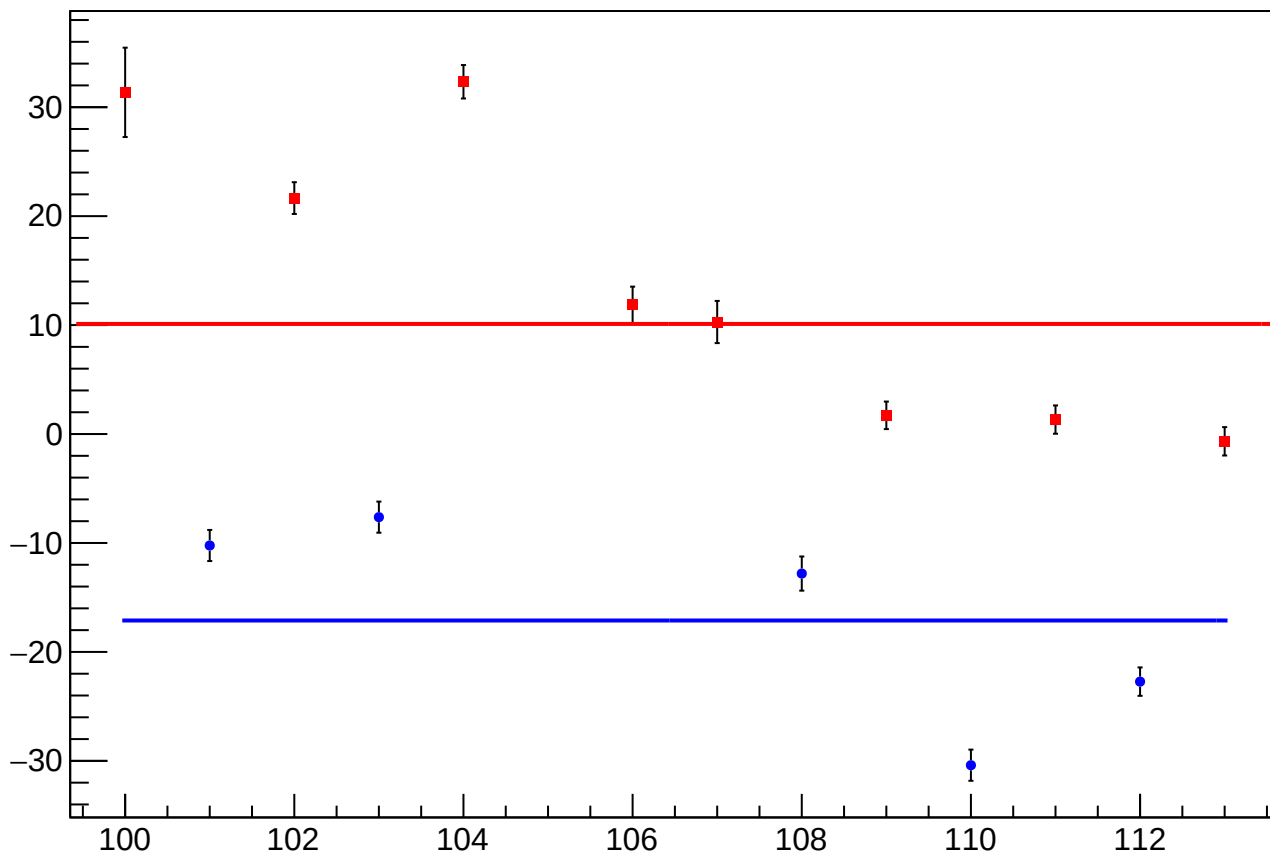
Right: 979.803 $\pm$ 0.288 χ^2 /NDF: 20082.1/12

In: 983.992 $\pm$ 0.437 χ^2 /NDF:7178.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 979.803 $\pm$ 0.288 χ^2 /NDF: 20082.1/12

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: 10.105 $\pm$ 0.544 χ^2 /NDF: 458.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

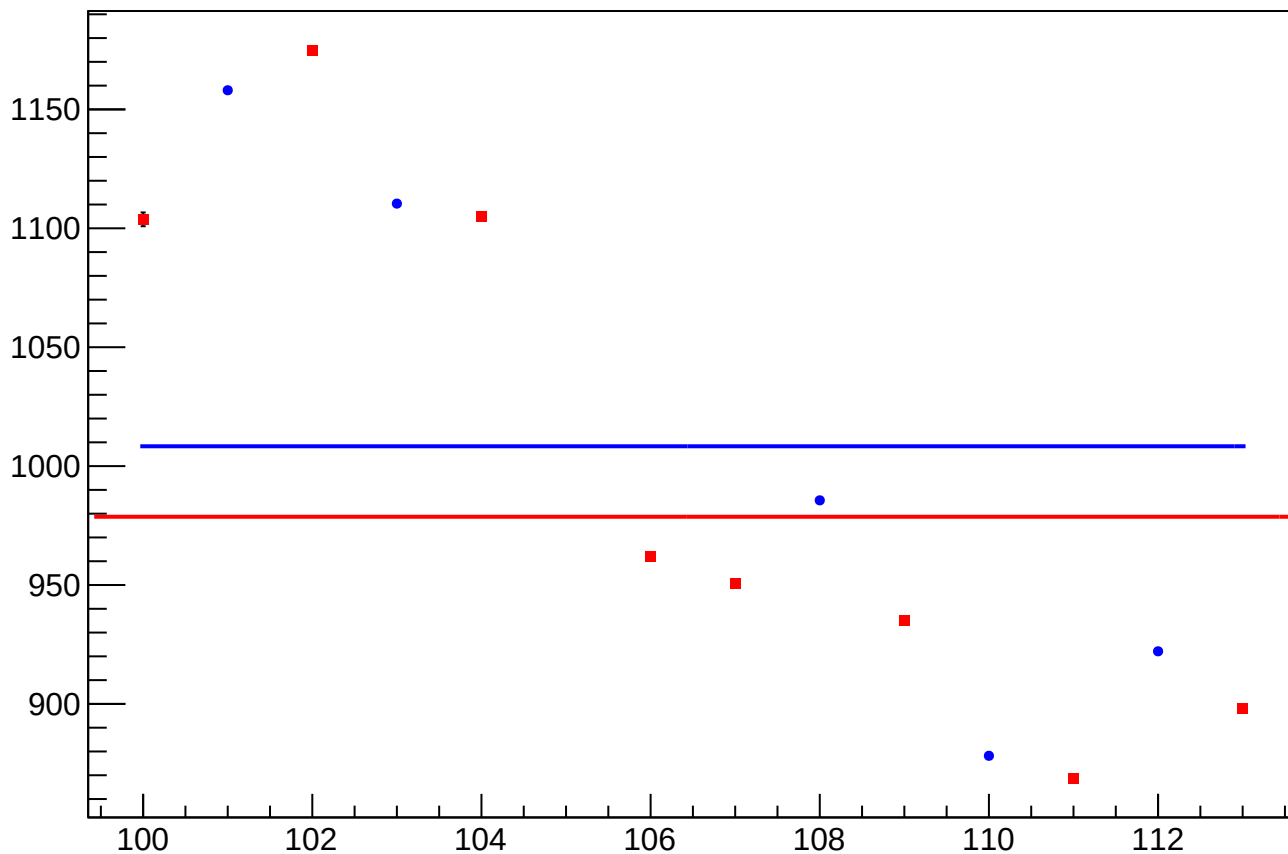
Right: -1.366 $\pm$ 0.414 χ^2 /NDF: 1694.3/12

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: -1.366 $\pm$ 0.414 χ^2 /NDF: 1694.3/12

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: 978.709+/-0.385 χ^2/NDF : 76710.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

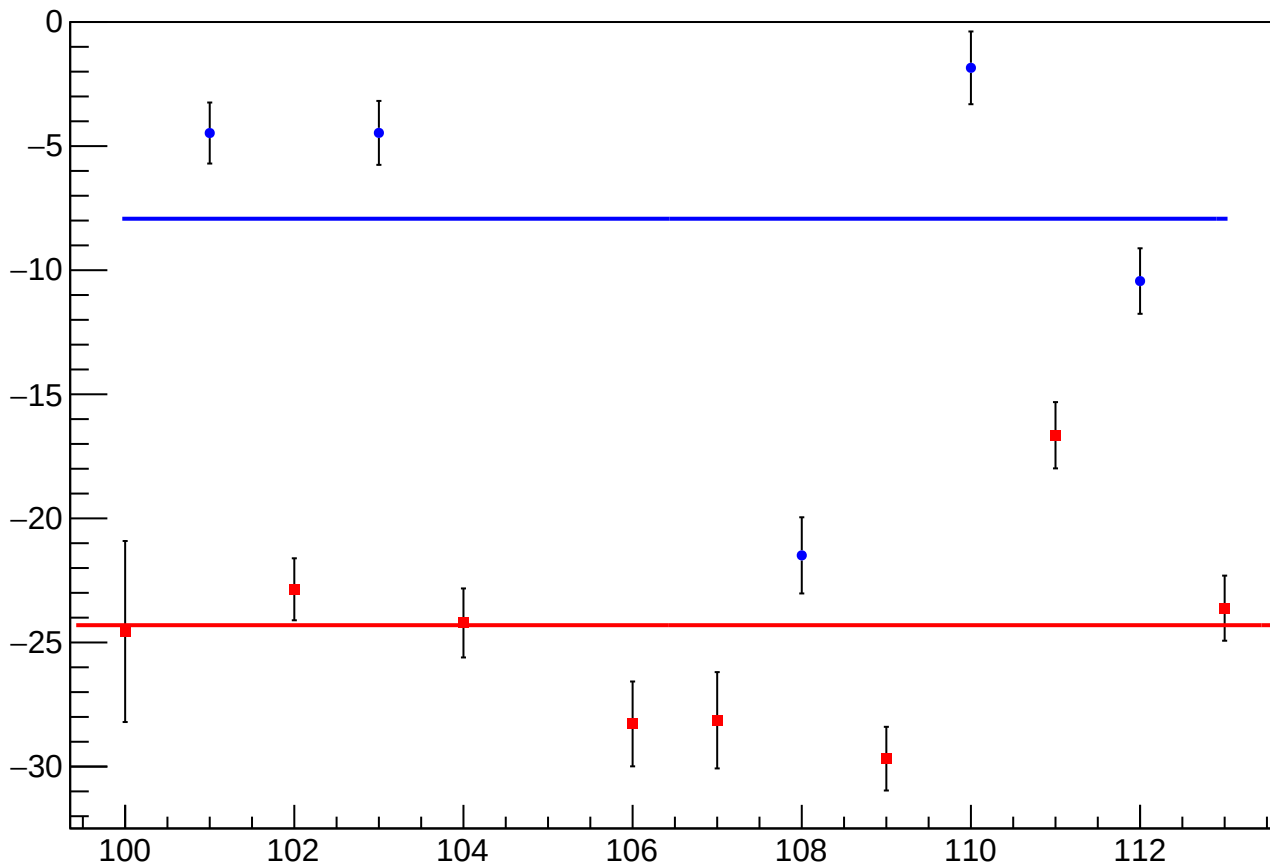
Right: 991.198+/-0.292 χ^2/NDF : 137103.5/12

In: 1008.343+/-0.451 χ^2/NDF : 57889.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 991.198+/-0.292 χ^2/NDF : 137103.5/12

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: -24.303 ± 0.528 χ^2/NDF : 61.4/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

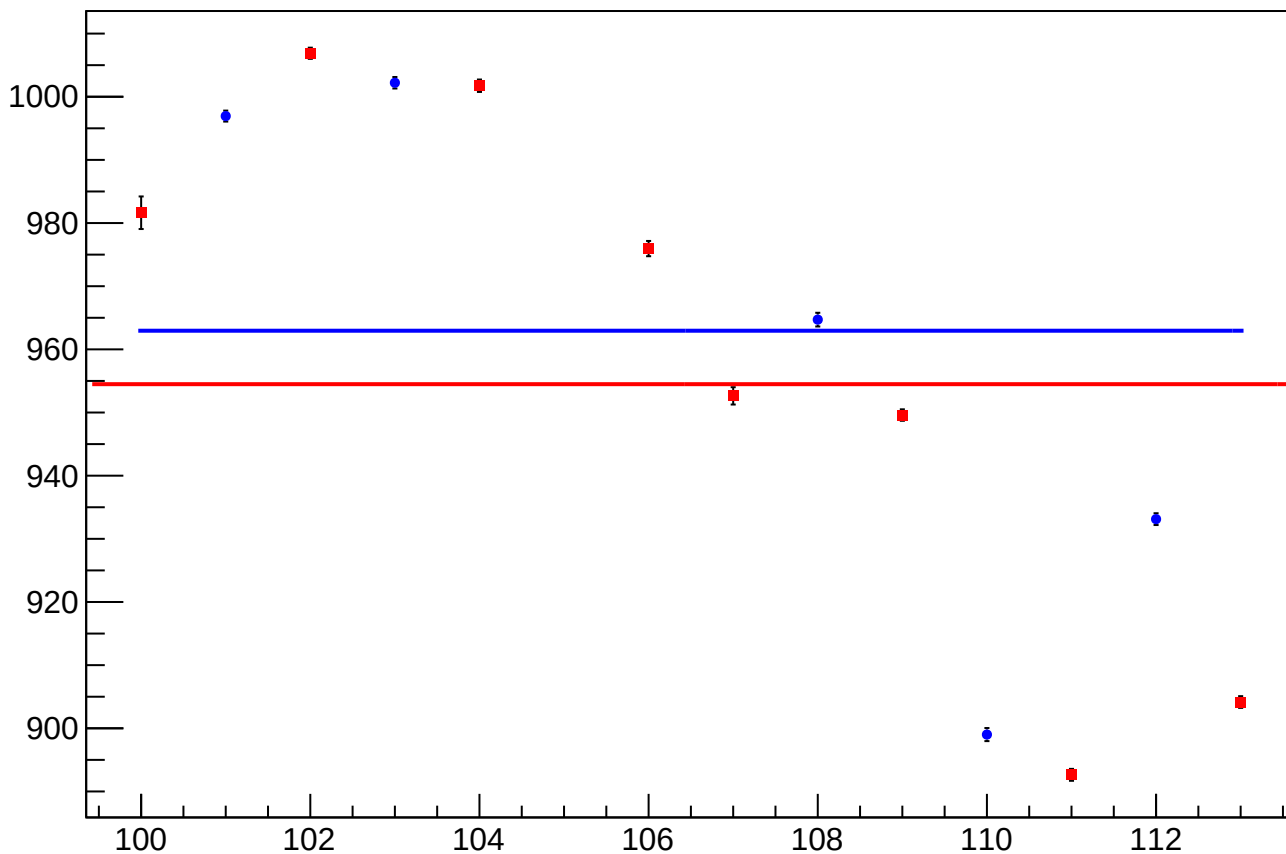
Right: -17.232 ± 0.398 χ^2/NDF : 591.3/12

In: -7.926 ± 0.605 χ^2/NDF : 114.0/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -17.232 ± 0.398 χ^2/NDF : 591.3/12

diff_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 962.952 $\pm$ 0.428 χ^2 /NDF: 8219.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 954.488 $\pm$ 0.373 χ^2 /NDF: 13524.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

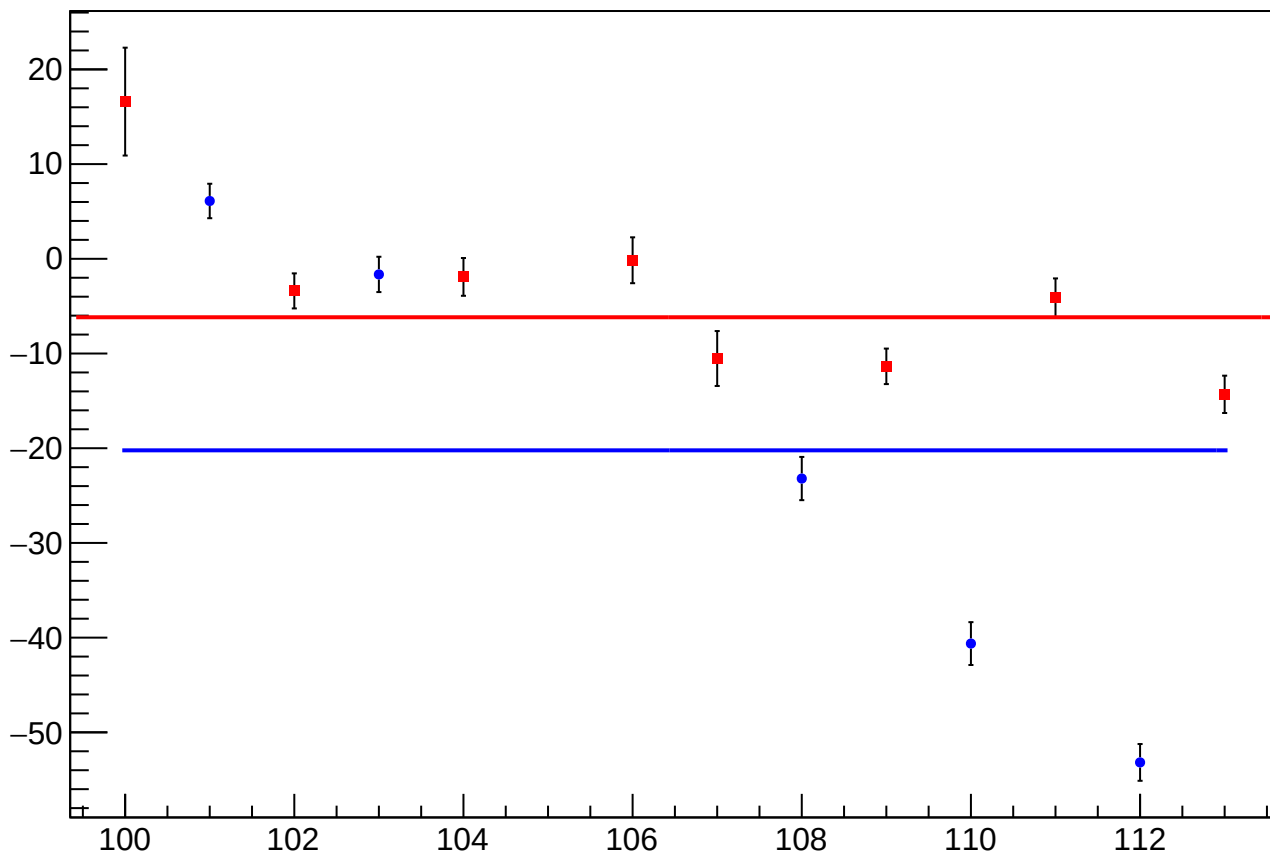
Right: 958.143 $\pm$ 0.281 χ^2 /NDF: 21965.8/12

In: 962.952 $\pm$ 0.428 χ^2 /NDF:8219.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 958.143 $\pm$ 0.281 χ^2 /NDF: 21965.8/12

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: -6.172+/-0.781 χ^2/NDF : 56.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

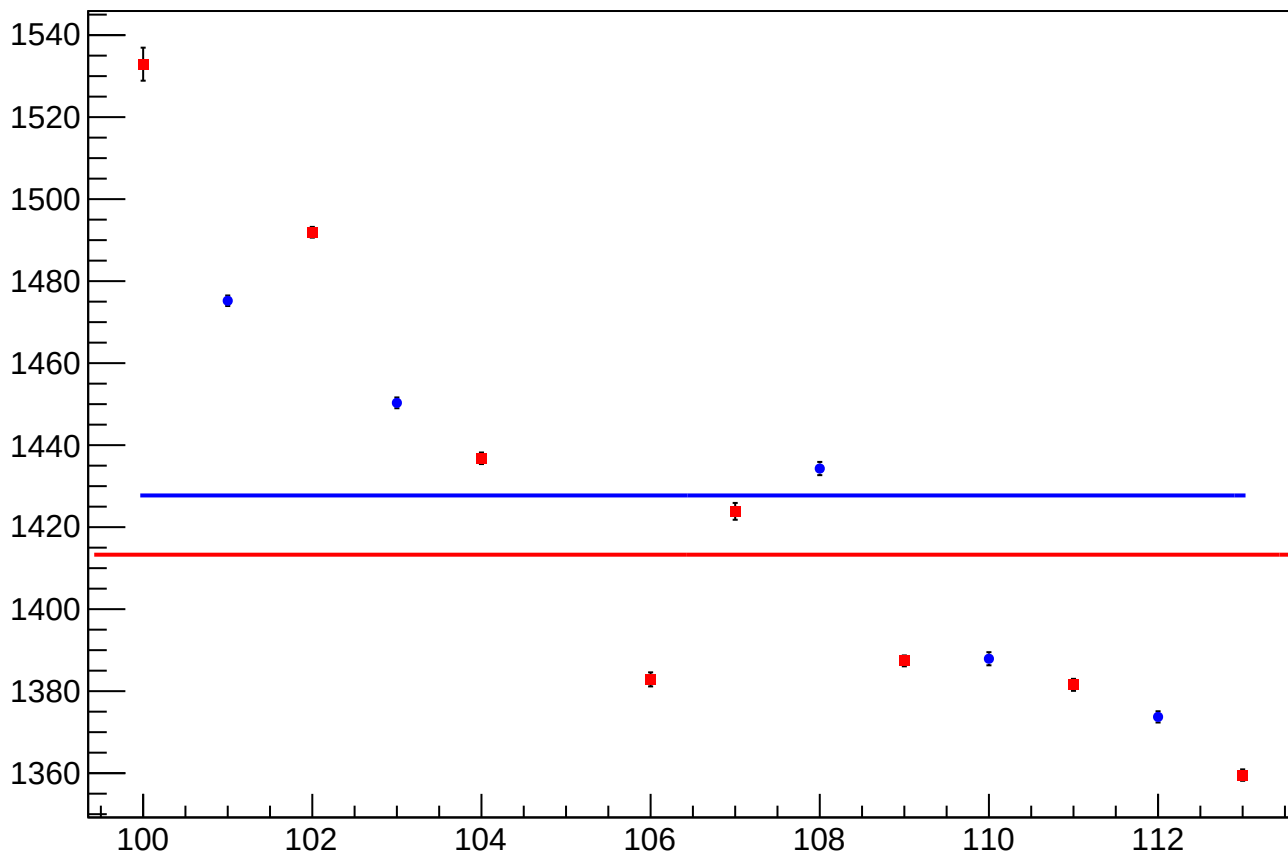
Right: -12.230+/-0.589 χ^2/NDF : 876.3/12

In: -20.223+/-0.897 χ^2/NDF : 679.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.230+/-0.589 χ^2/NDF : 876.3/12

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: 1413.284 $\pm$ 0.552 χ^2 /NDF: 7453.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

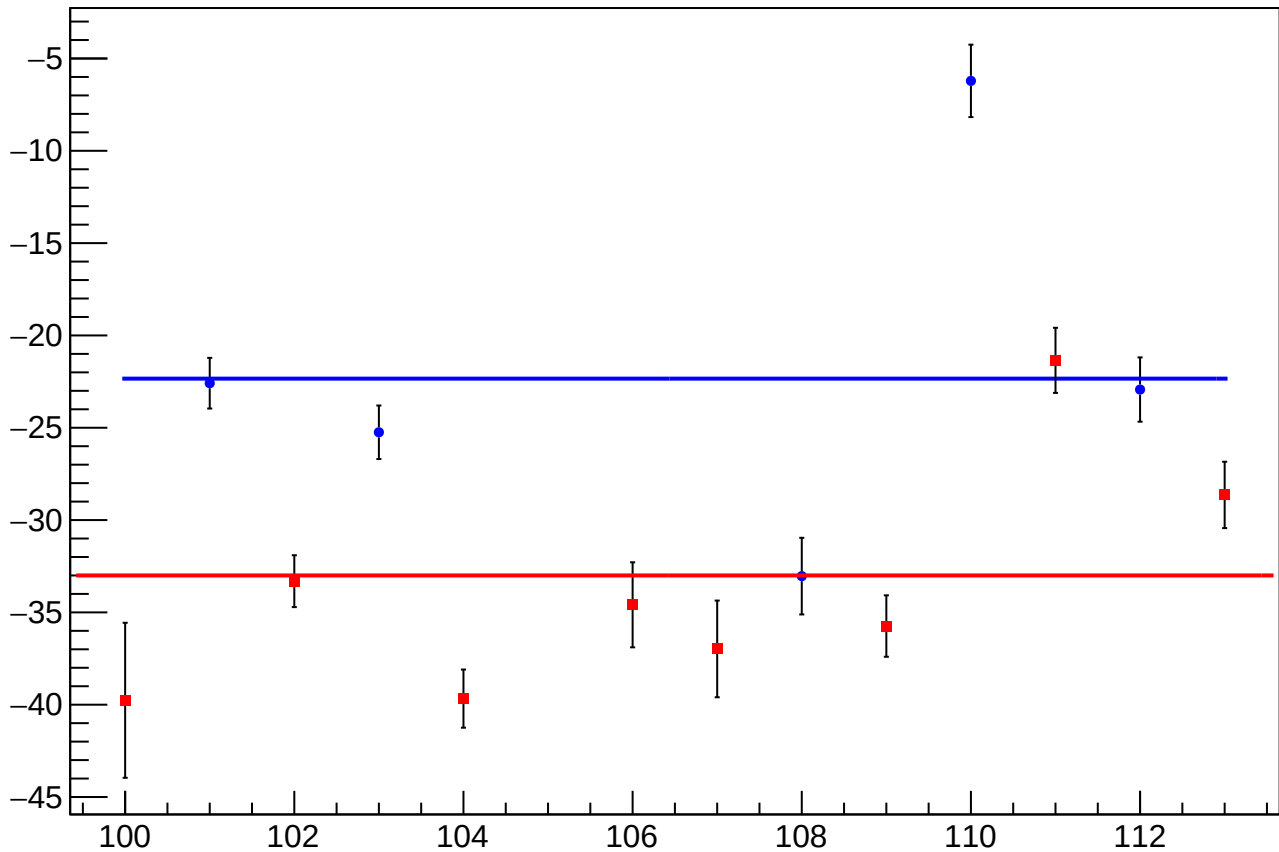
Right: 1419.513 $\pm$ 0.417 χ^2 /NDF: 11589.1/12

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: 1419.513 $\pm$ 0.417 χ^2 /NDF: 11589.1/12

diff_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -22.340 $\pm$ 0.740 χ^2 /NDF: 98.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -32.999 $\pm$ 0.660 χ^2 /NDF: 75.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

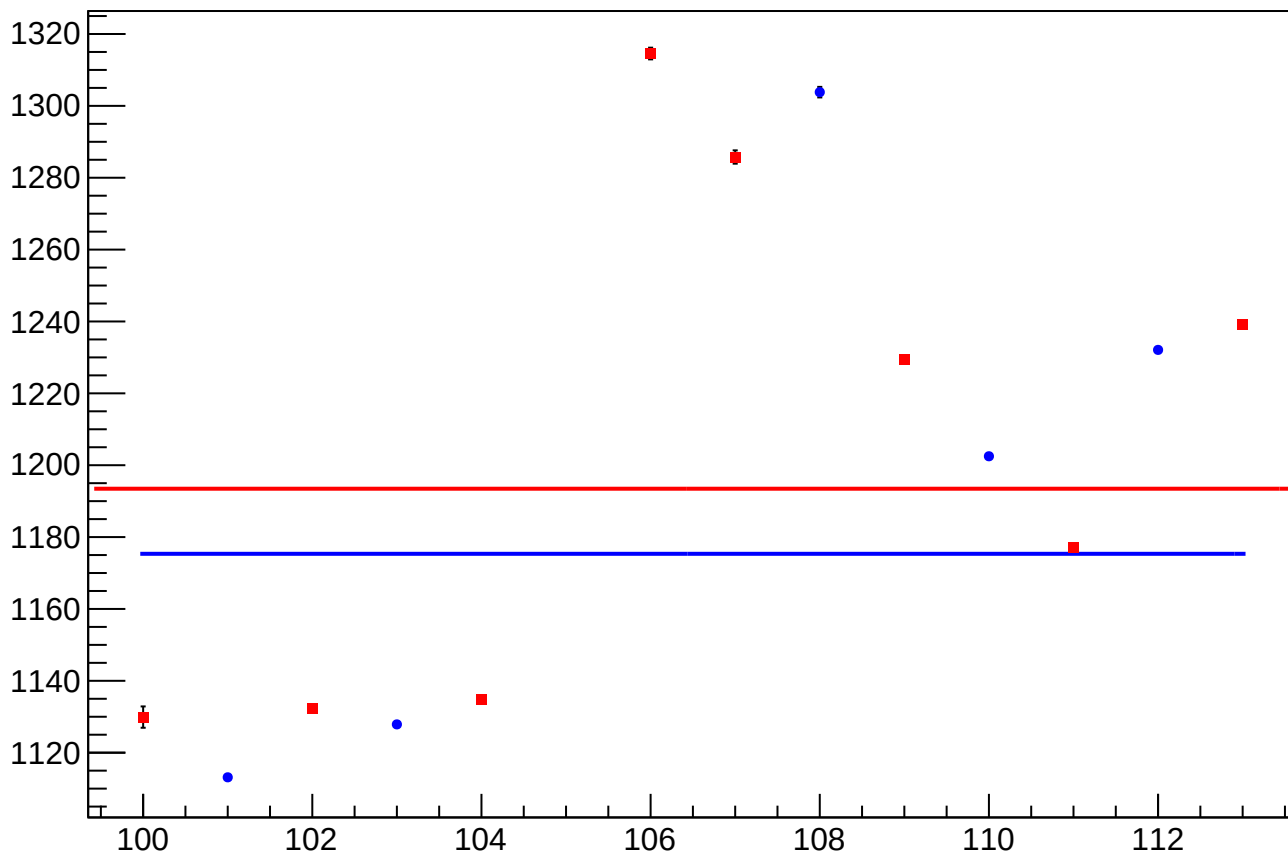
Right: -28.272 $\pm$ 0.493 χ^2 /NDF: 289.6/12

In: -22.340 $\pm$ 0.740 χ^2 /NDF: 98.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -28.272 $\pm$ 0.493 χ^2 /NDF: 289.6/12

diff_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 1175.344+/-0.523 χ^2/NDF : 16422.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1193.458+/-0.467 χ^2/NDF : 17442.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

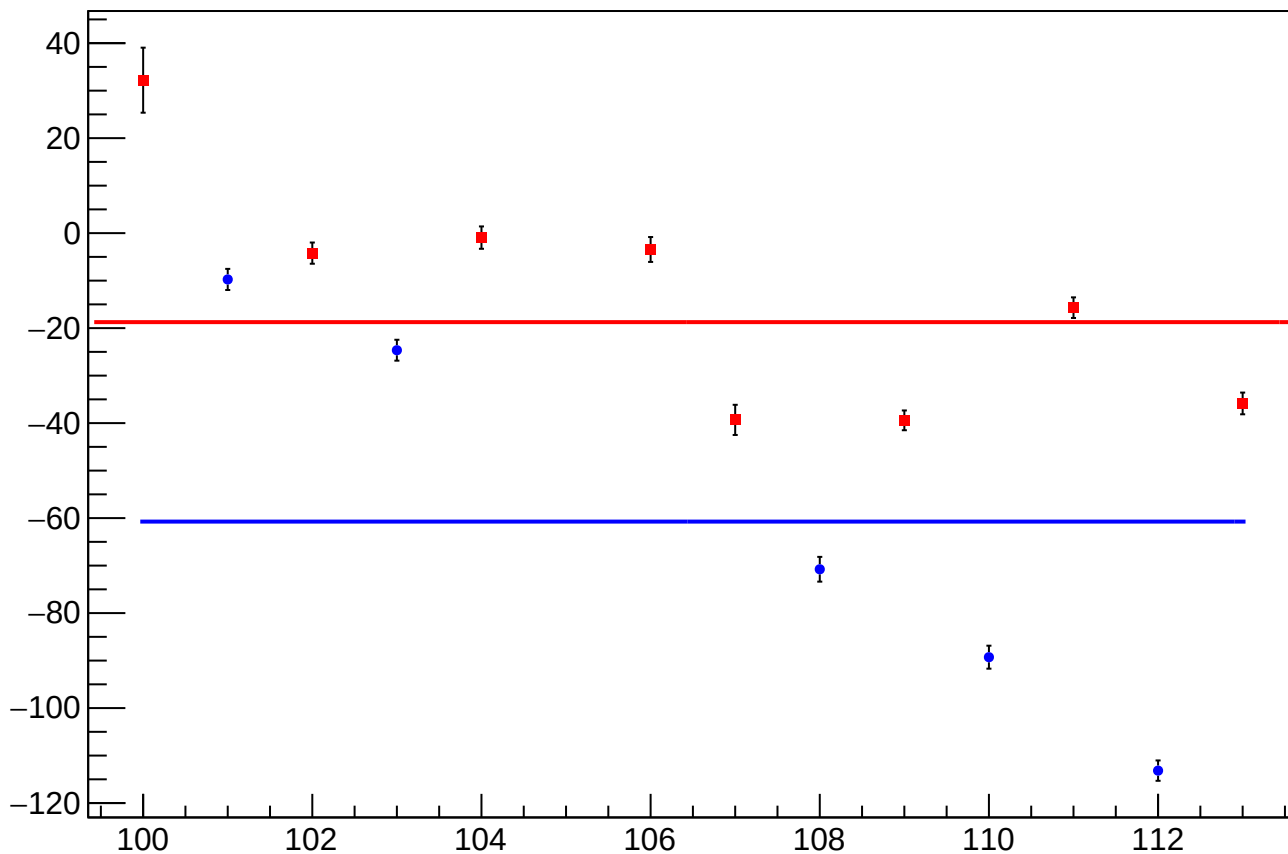
Right: 1185.424+/-0.348 χ^2/NDF : 34532.2/12

In: 1175.344+/-0.523 χ^2/NDF : 16422.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1185.424+/-0.348 χ^2/NDF : 34532.2/12

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: -18.737+/-0.884 χ^2/NDF : 387.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

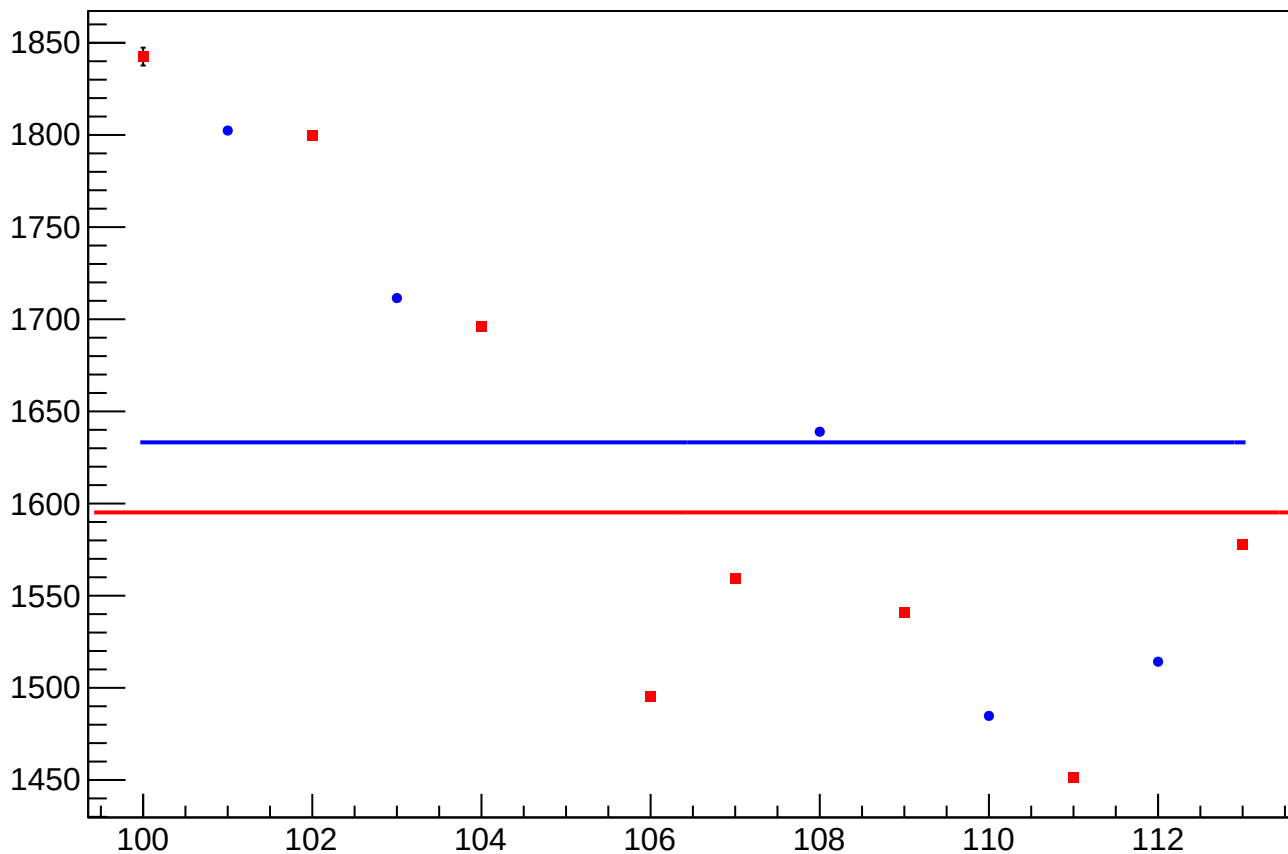
Right: -36.561+/-0.670 χ^2/NDF : 2894.1/12

In: -60.734+/-1.029 χ^2/NDF : 1547.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.561+/-0.670 χ^2/NDF : 2894.1/12

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: 1595.186+/-0.625 χ^2/NDF : 36561.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

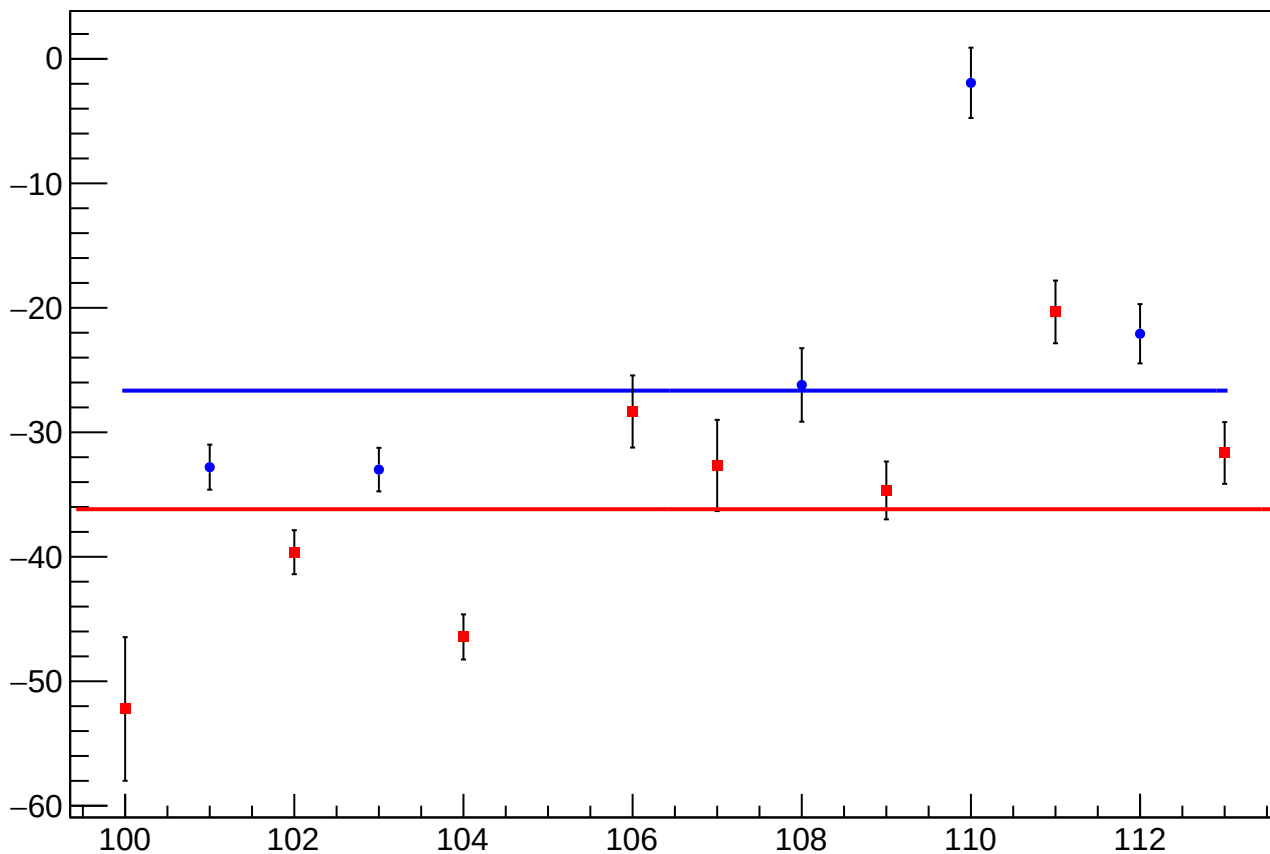
Right: 1611.322+/-0.474 χ^2/NDF : 65954.6/12

In: 1633.206+/-0.728 χ^2/NDF : 27821.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1611.322+/-0.474 χ^2/NDF : 65954.6/12

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: -36.177 ± 0.860 χ^2/NDF : 95.2/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

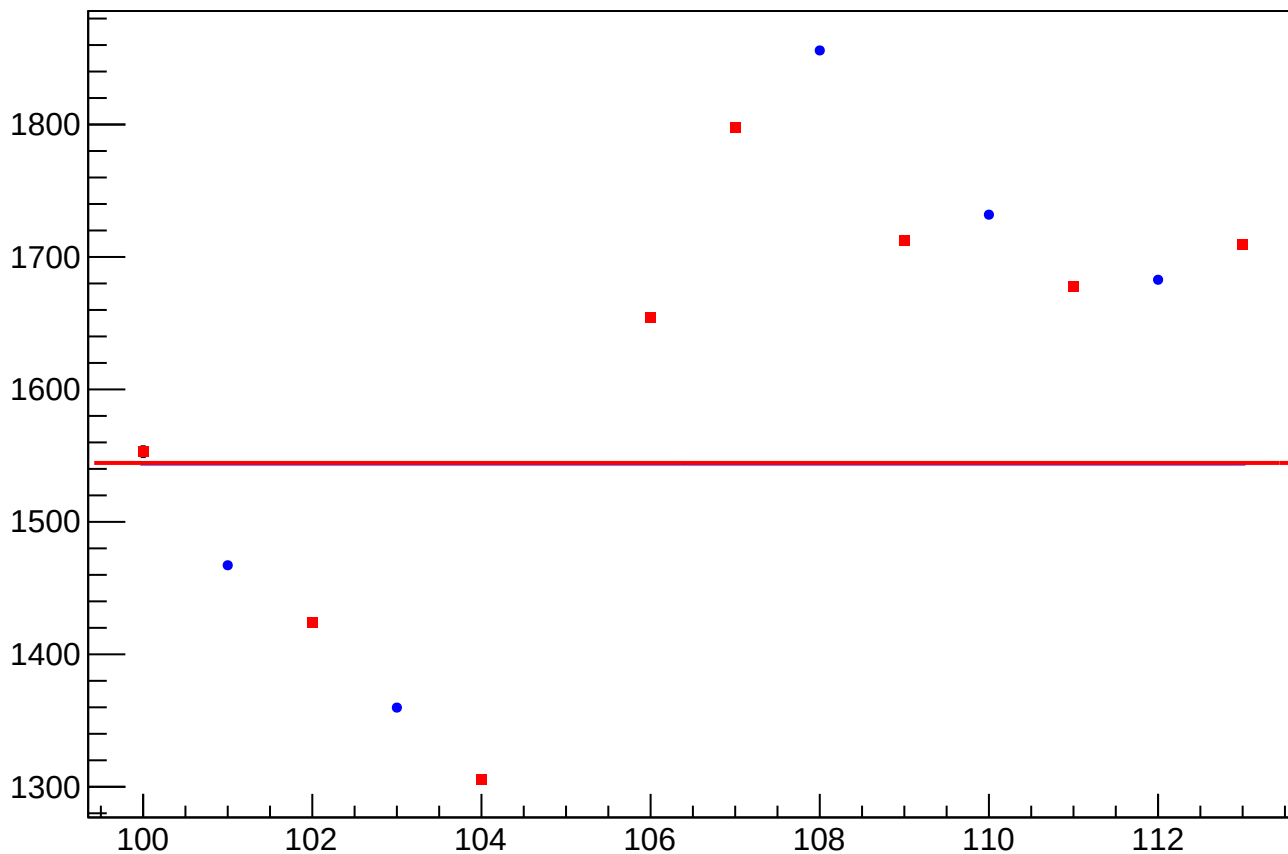
Right: -32.019 ± 0.645 χ^2/NDF : 253.7/12

In: -26.651 ± 0.977 χ^2/NDF : 104.9/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -32.019 ± 0.645 χ^2/NDF : 253.7/12

diff_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 1544.071+/-0.691 χ^2/NDF : 63698.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1544.506+/-0.608 χ^2/NDF : 81198.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

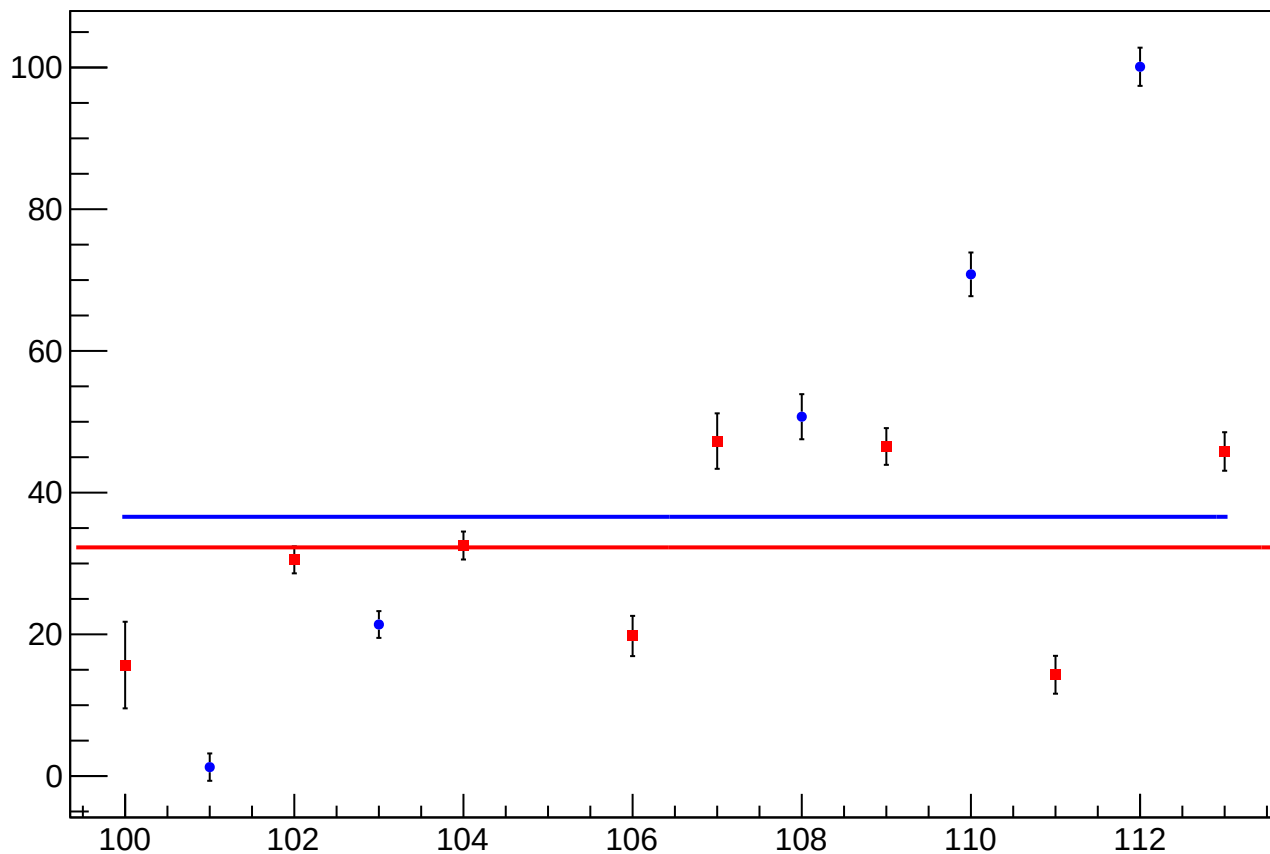
Right: 1544.316+/-0.456 χ^2/NDF : 144896.9/12

In: 1544.071+/-0.691 χ^2/NDF : 63698.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1544.316+/-0.456 χ^2/NDF : 144896.9/12

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: 32.273 $\pm$ 0.923 χ^2 /NDF: 142.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

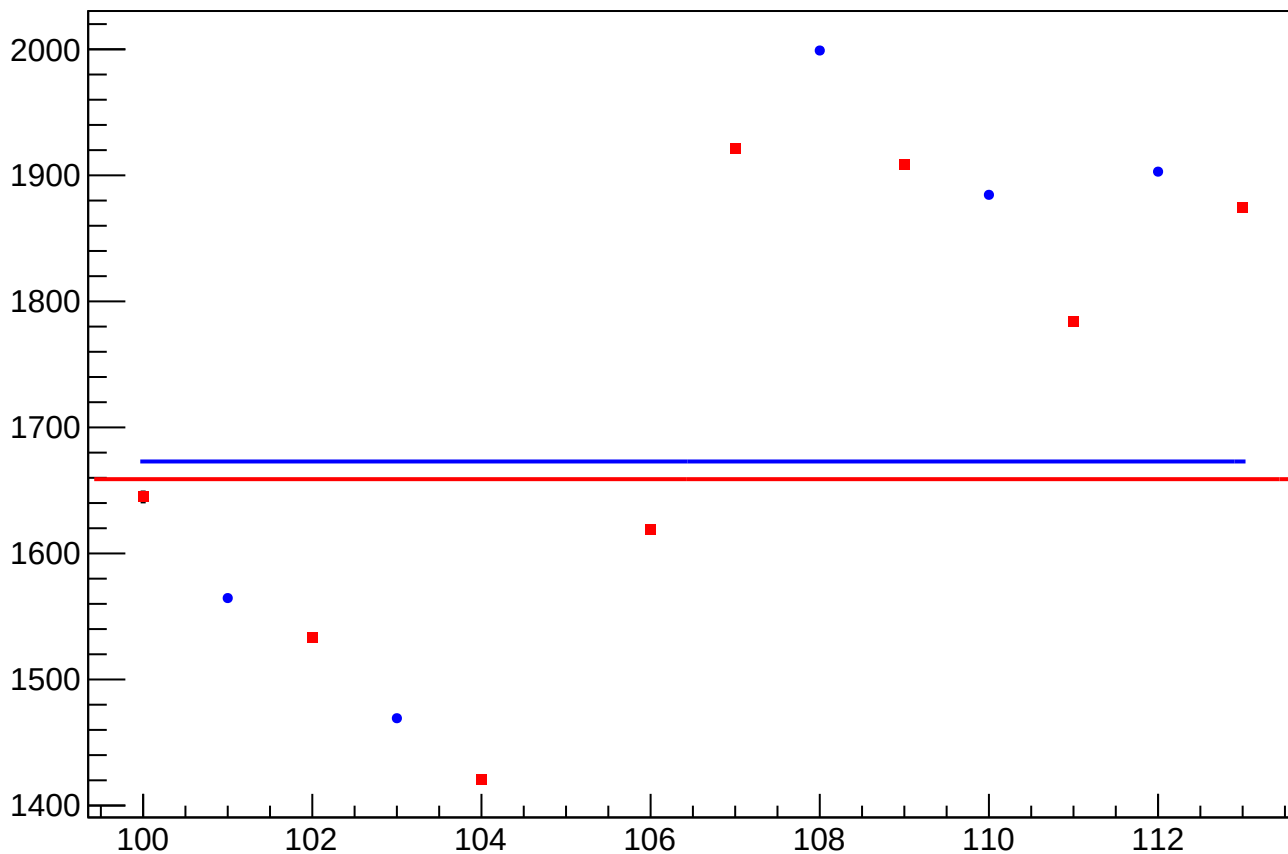
Right: 34.135 $\pm$ 0.696 χ^2 /NDF: 1249.7/12

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: 34.135 $\pm$ 0.696 χ^2 /NDF: 1249.7/12

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: 1658.943 $\pm$ 0.653 χ^2 /NDF: 82809.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

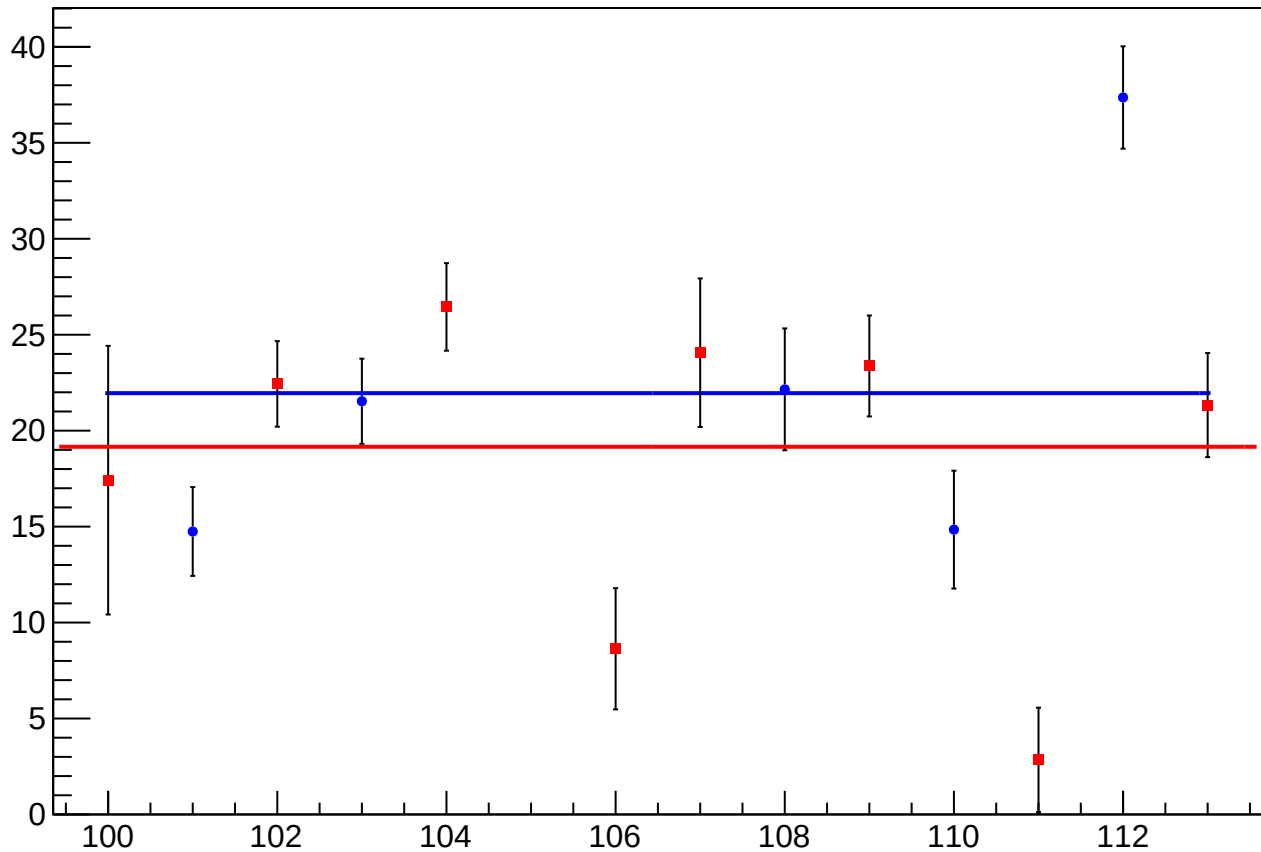
Right: 1664.995 $\pm$ 0.492 χ^2 /NDF: 157531.0/12

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: 1664.995 $\pm$ 0.492 χ^2 /NDF: 157531.0/12

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: 19.62 $\pm$ 1.002 χ^2/NDF : 64.2/7

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

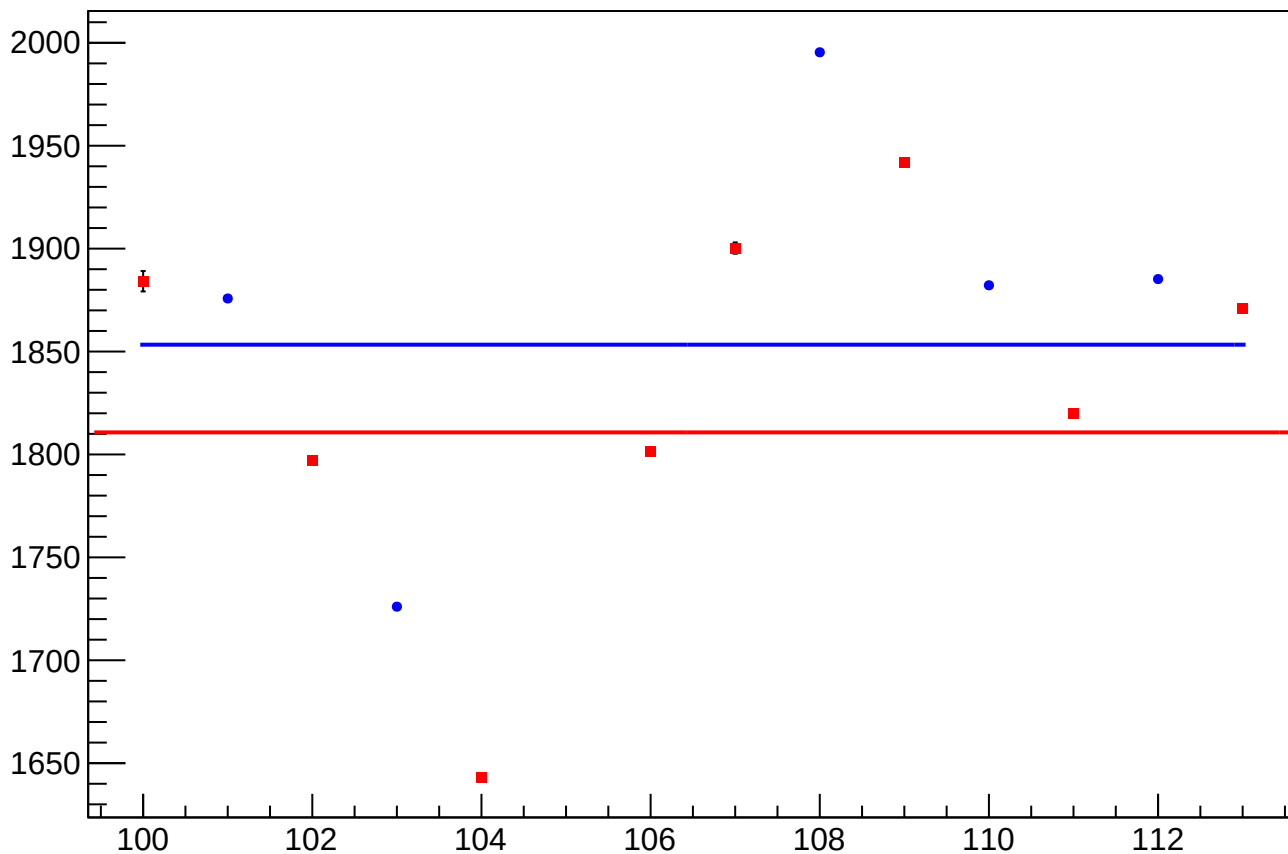
Right: 20.348 $\pm$ 0.760 χ^2/NDF : 116.0/12

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: 20.348 $\pm$ 0.760 χ^2/NDF : 116.0/12

diff_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 1853.332+/-0.825 χ^2/NDF : 11227.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1810.715+/-0.709 χ^2/NDF : 18171.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

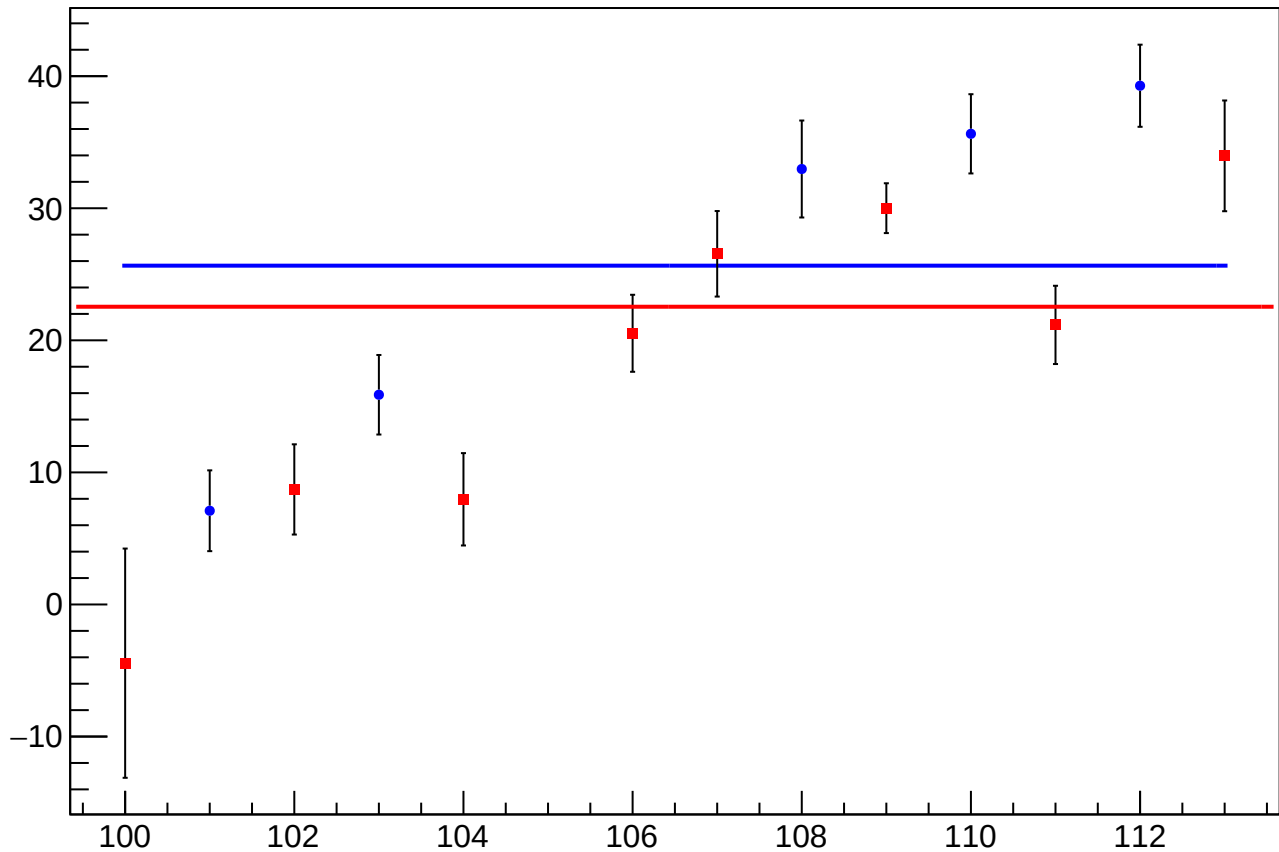
Right: 1828.816+/-0.537 χ^2/NDF : 30935.3/12

In: 1853.332+/-0.825 χ^2/NDF : 11227.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1828.816+/-0.537 χ^2/NDF : 30935.3/12

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: 22.543+/-1.087 χ^2/NDF : 68.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

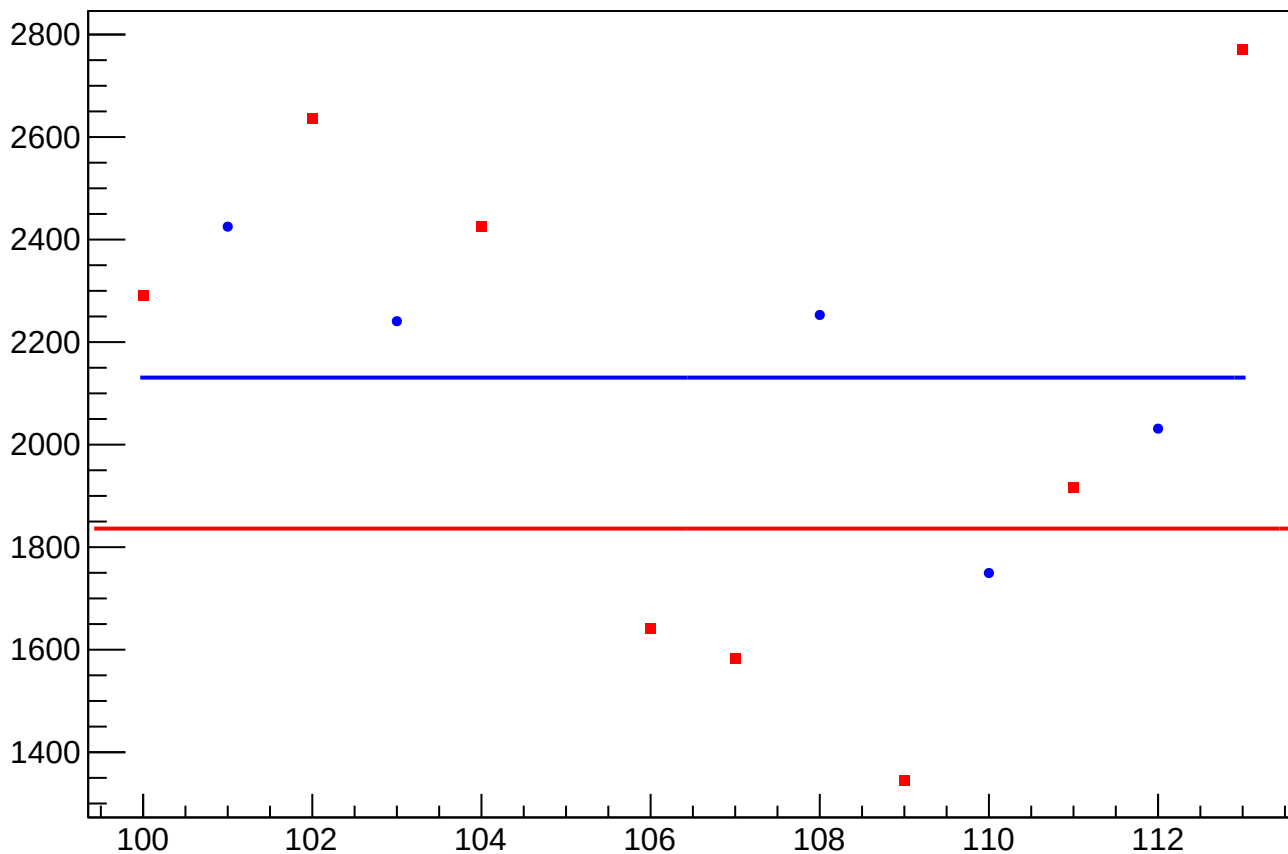
Right: 23.707+/-0.860 χ^2/NDF : 153.4/12

In: 25.653+/-1.406 χ^2/NDF : 81.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.707+/-0.860 χ^2/NDF : 153.4/12

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: 1836.263+/-0.769 χ^2/NDF : 429100.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

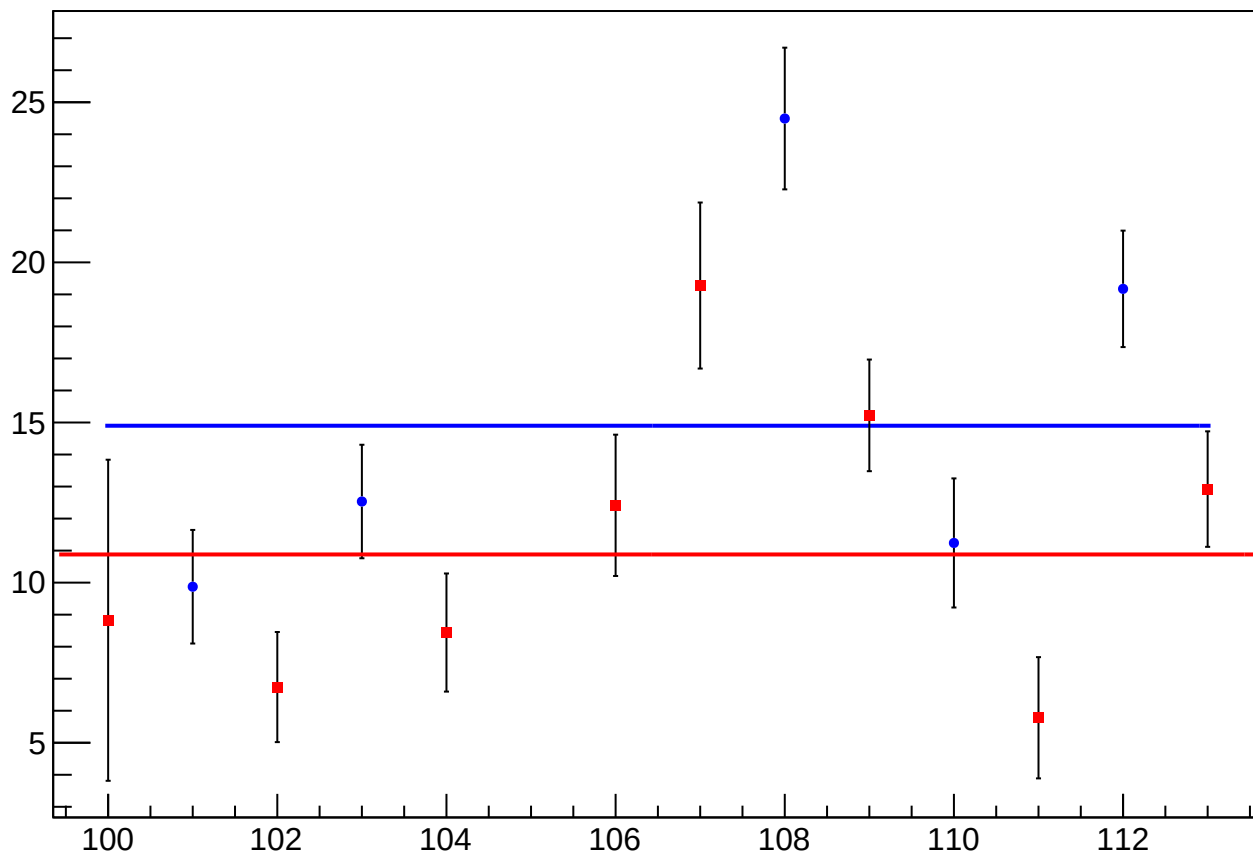
Right: 1946.516+/-0.608 χ^2/NDF : 541791.3/12

In: 2130.793+/-0.994 χ^2/NDF : 57769.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1946.516+/-0.608 χ^2/NDF : 541791.3/12

diff_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 14.899 $\pm$ 0.848 χ^2 /NDF: 37.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.880 $\pm$ 0.718 χ^2 /NDF: 33.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

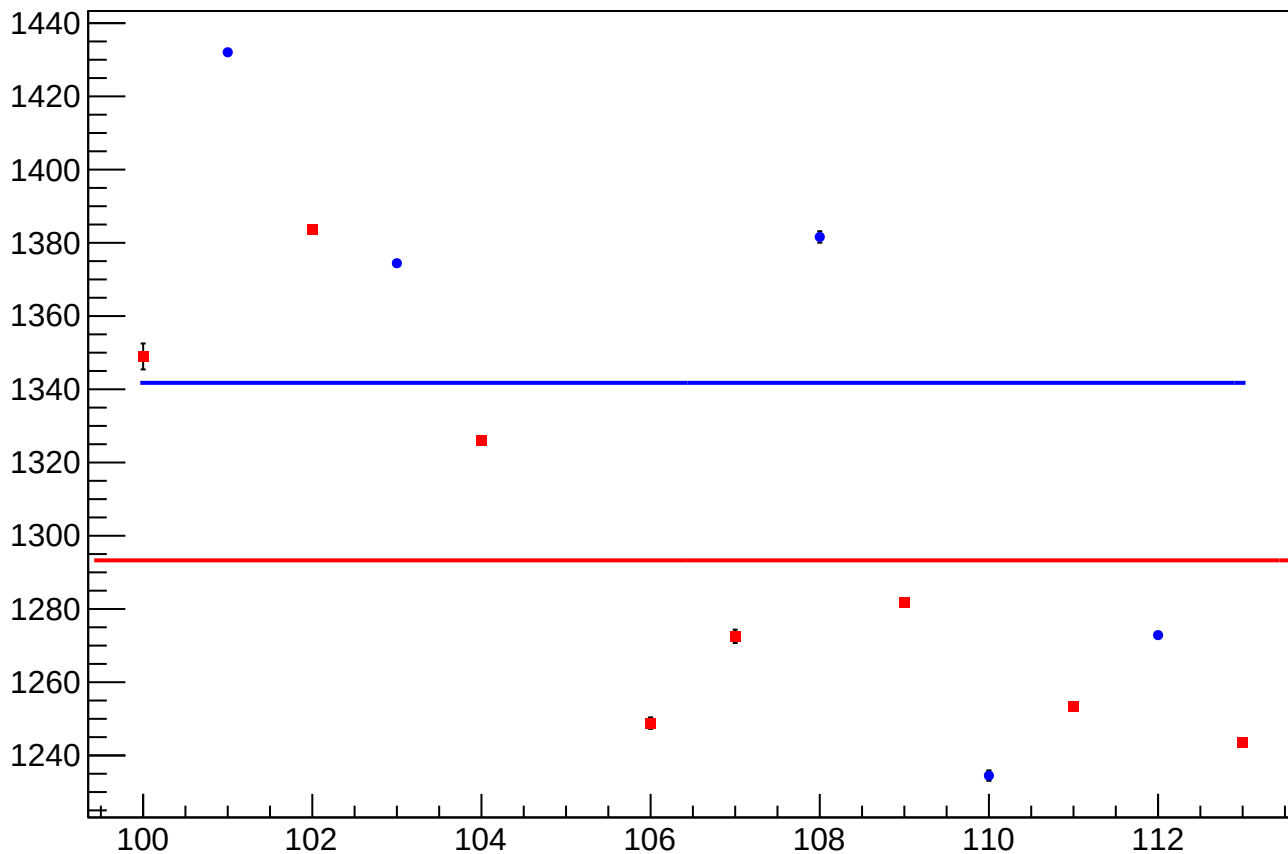
Right: 12.556 $\pm$ 0.548 χ^2 /NDF: 84.0/12

In: 14.899 $\pm$ 0.848 χ^2 /NDF: 37.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.556 $\pm$ 0.548 χ^2 /NDF: 84.0/12

diff_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 1341.761+/-0.600 χ^2/NDF : 15047.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1293.282+/-0.507 χ^2/NDF : 9833.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

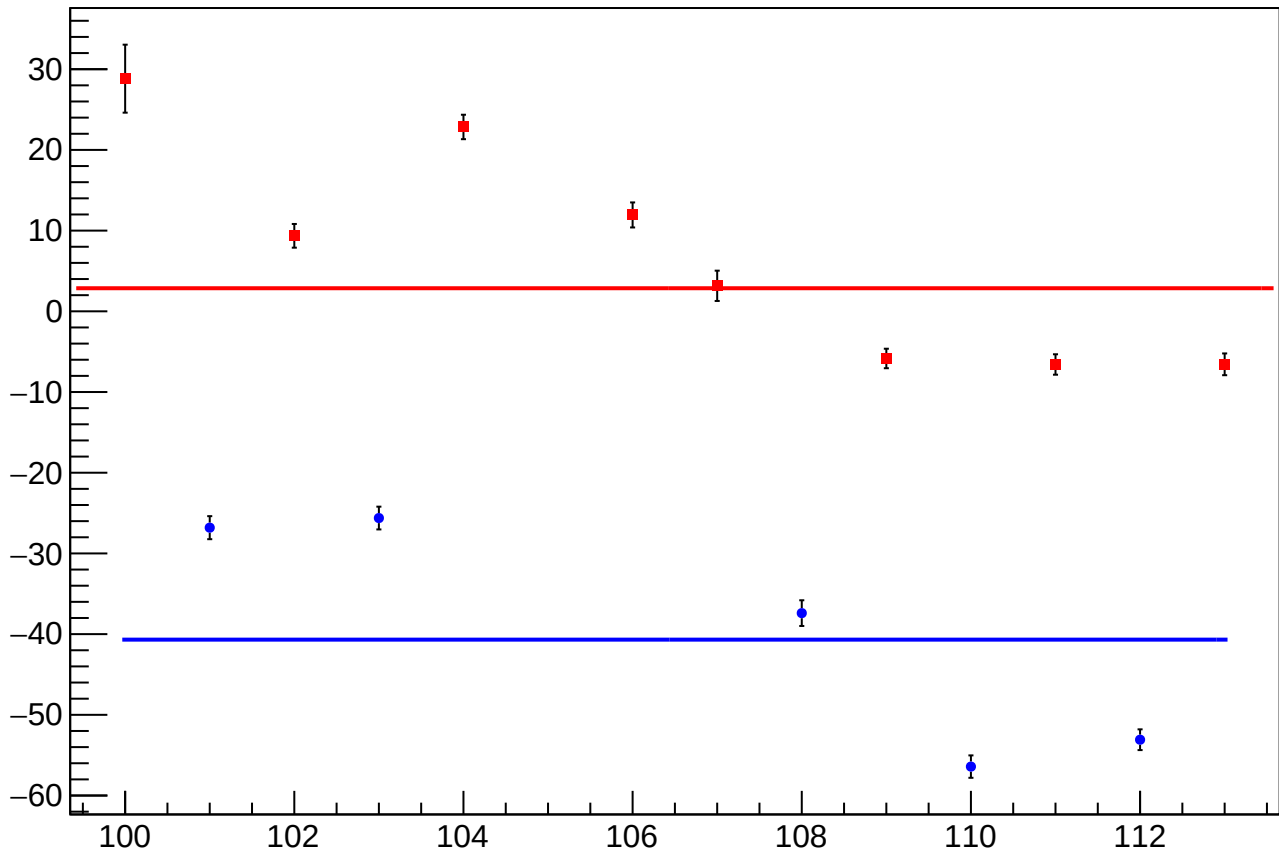
Right: 1313.500+/-0.387 χ^2/NDF : 28688.2/12

In: 1341.761+/-0.600 χ^2/NDF : 15047.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1313.500+/-0.387 χ^2/NDF : 28688.2/12

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: 2.860 ± 0.533 $\chi^2/\text{NDF}: 422.5/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

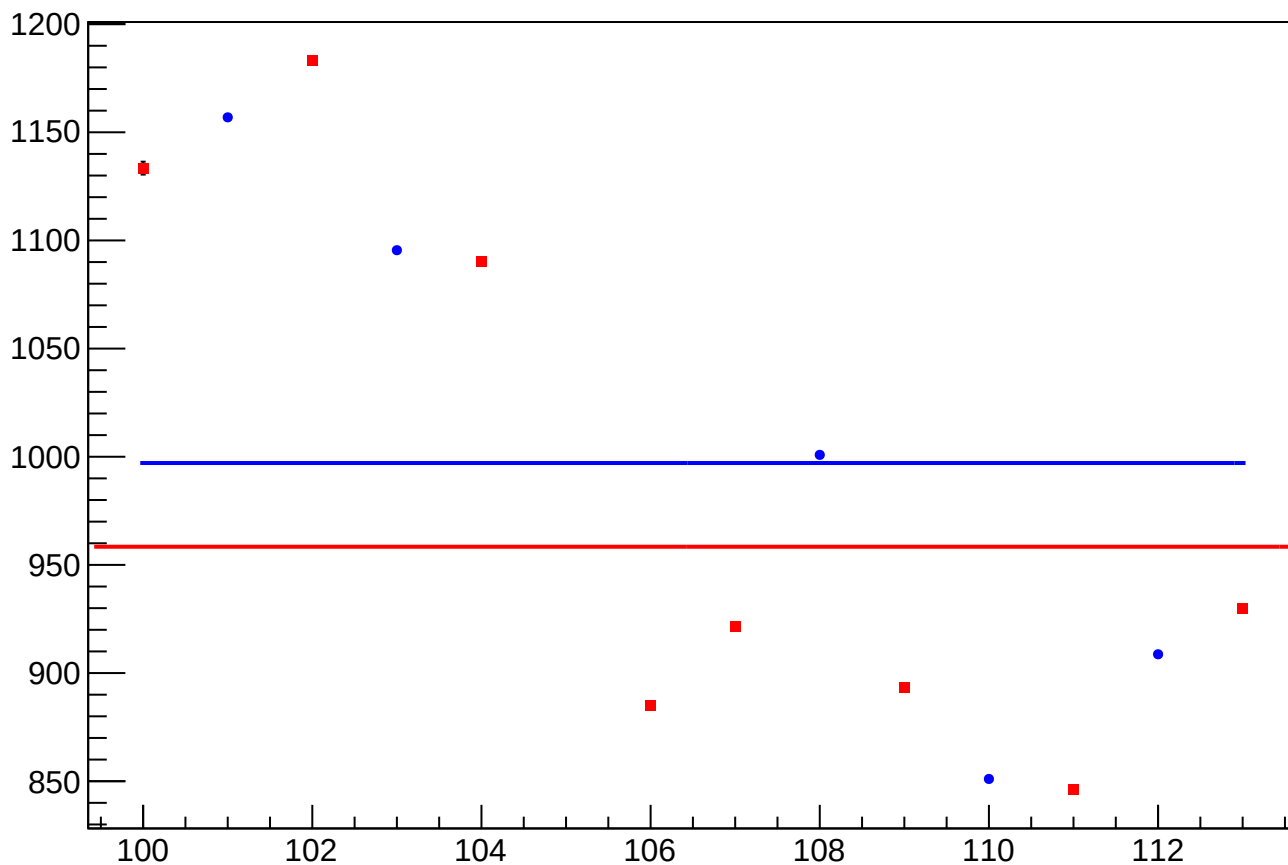
Right: -15.288 ± 0.407 $\chi^2/\text{NDF}: 3634.4/12$

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: -15.288 ± 0.407 $\chi^2/\text{NDF}: 3634.4/12$

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: 958.402+/-0.377 χ^2/NDF : 93107.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

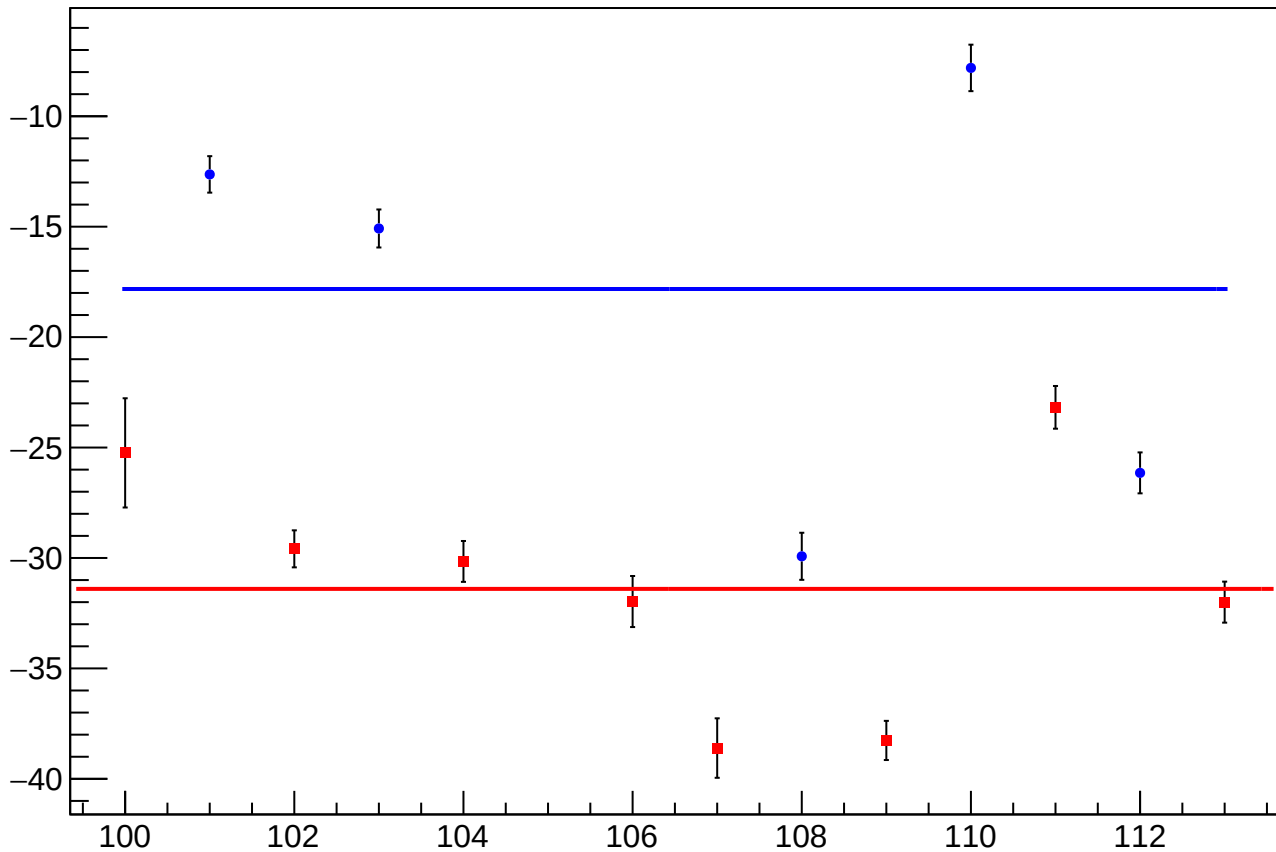
Right: 974.531+/-0.288 χ^2/NDF : 163913.0/12

In: 997.100+/-0.446 χ^2/NDF : 66418.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 974.531+/-0.288 χ^2/NDF : 163913.0/12

diff_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: -17.822 $\pm$ 0.417 χ^2/NDF : 349.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -31.400 $\pm$ 0.364 χ^2/NDF : 174.2/7

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

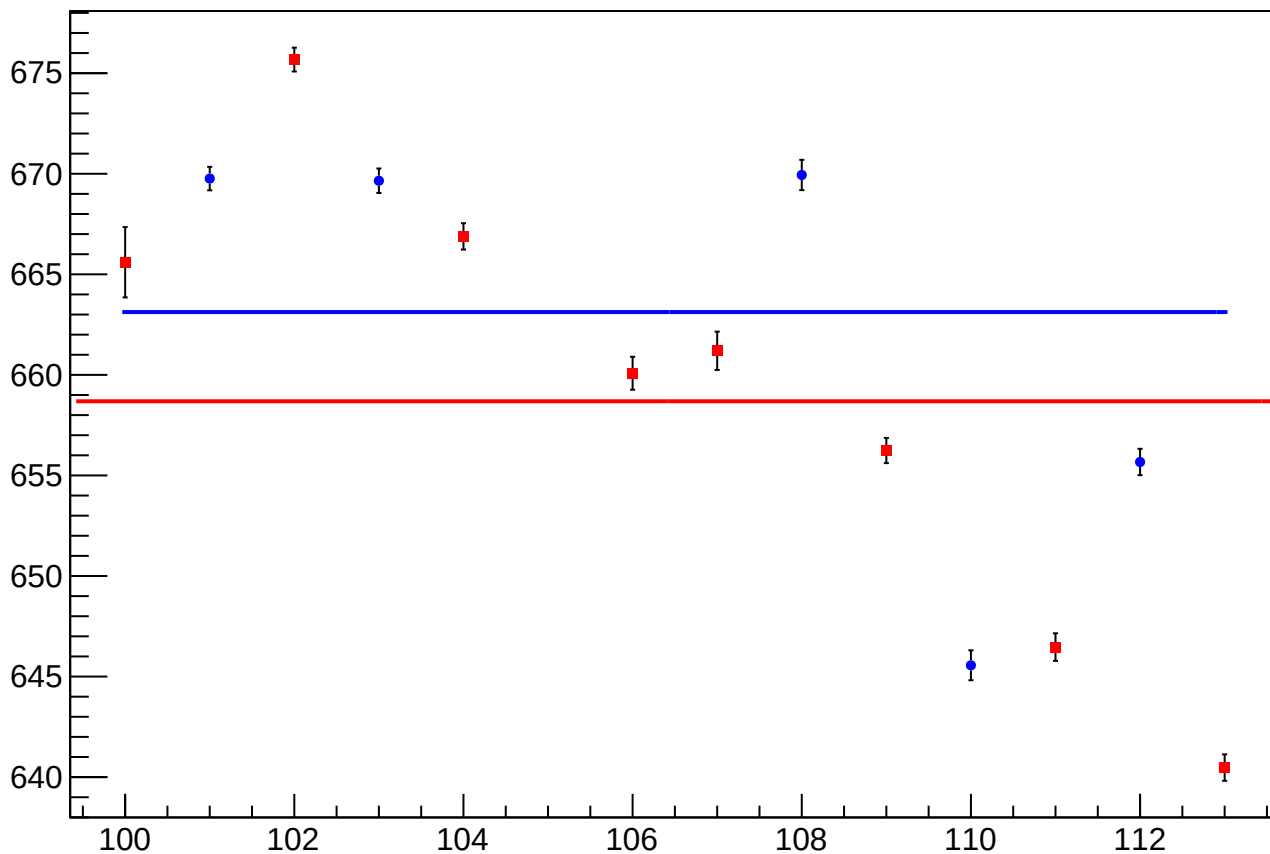
Right: -25.524 $\pm$ 0.274 χ^2/NDF : 1126.7/12

In: -17.822 $\pm$ 0.417 χ^2/NDF : 349.8/4

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -25.524 $\pm$ 0.274 χ^2/NDF : 1126.7/12

diff_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 663.124 $\pm$ 0.295 χ^2 /NDF: 1012.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 658.688 $\pm$ 0.257 χ^2 /NDF: 2108.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

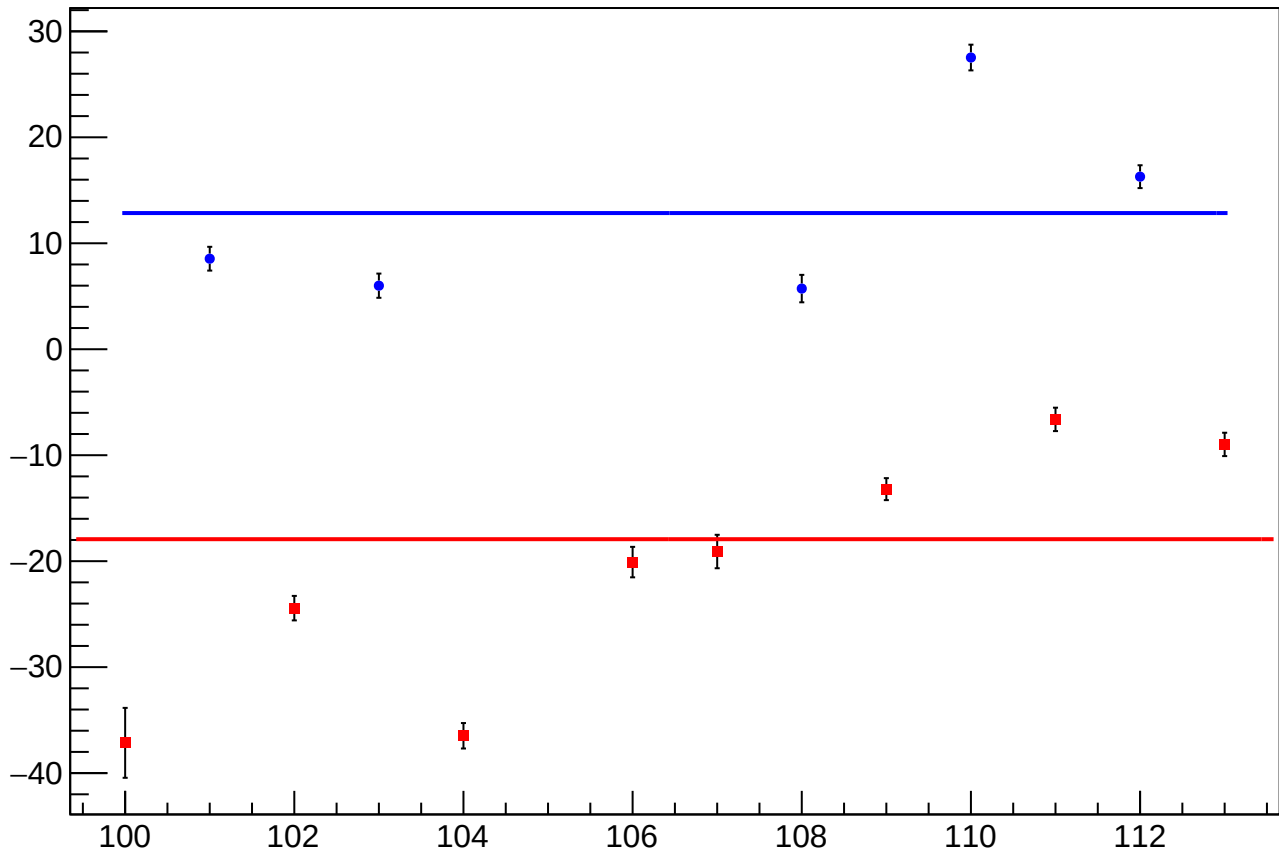
Right: 660.608 $\pm$ 0.194 χ^2 /NDF: 3249.9/12

In: 663.124 $\pm$ 0.295 χ^2 /NDF:1012.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 660.608 $\pm$ 0.194 χ^2 /NDF: 3249.9/12

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: -17.925+/-0.448 χ^2/NDF : 498.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

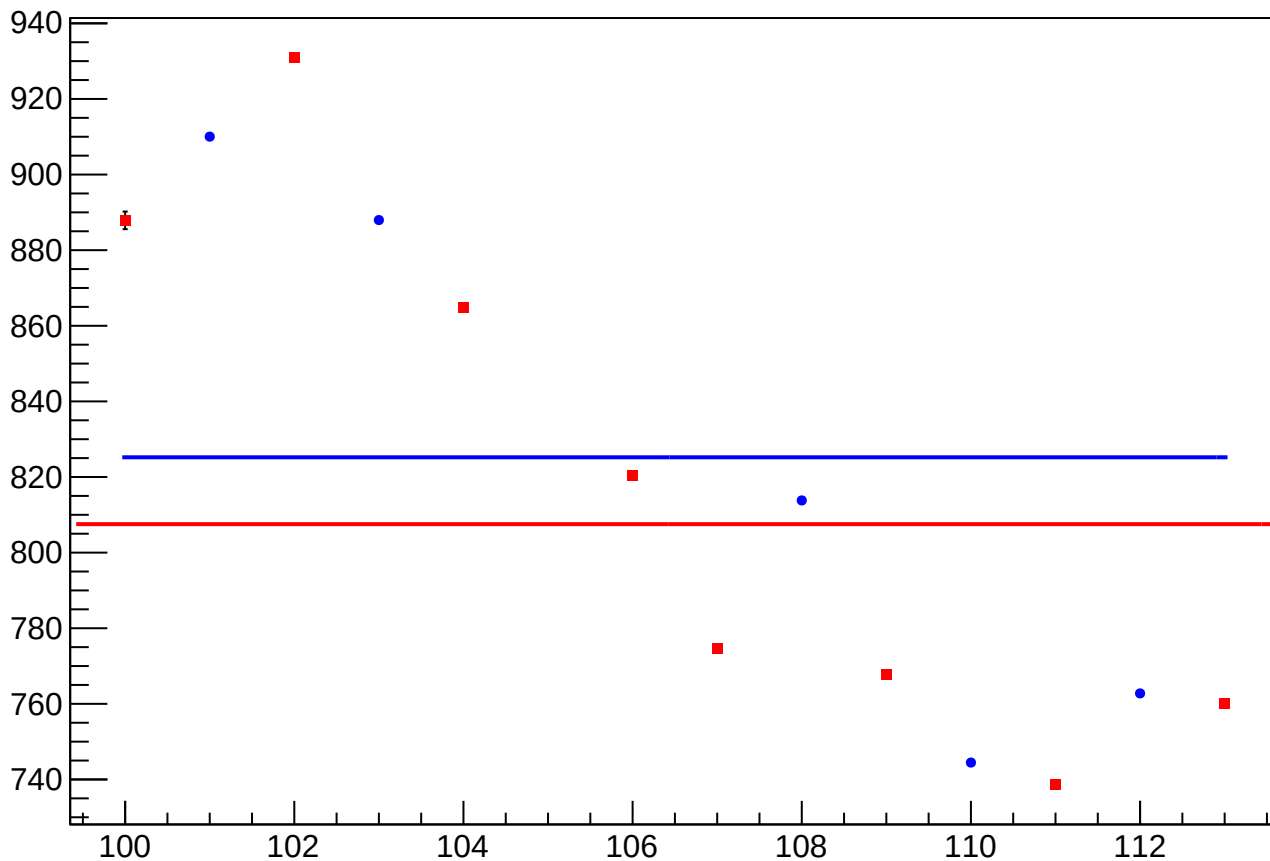
Right: -4.833+/-0.339 χ^2/NDF : 2746.9/12

In: 12.851+/-0.520 χ^2/NDF : 237.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.833+/-0.339 χ^2/NDF : 2746.9/12

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: 807.533+/-0.317 χ^2/NDF : 43985.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

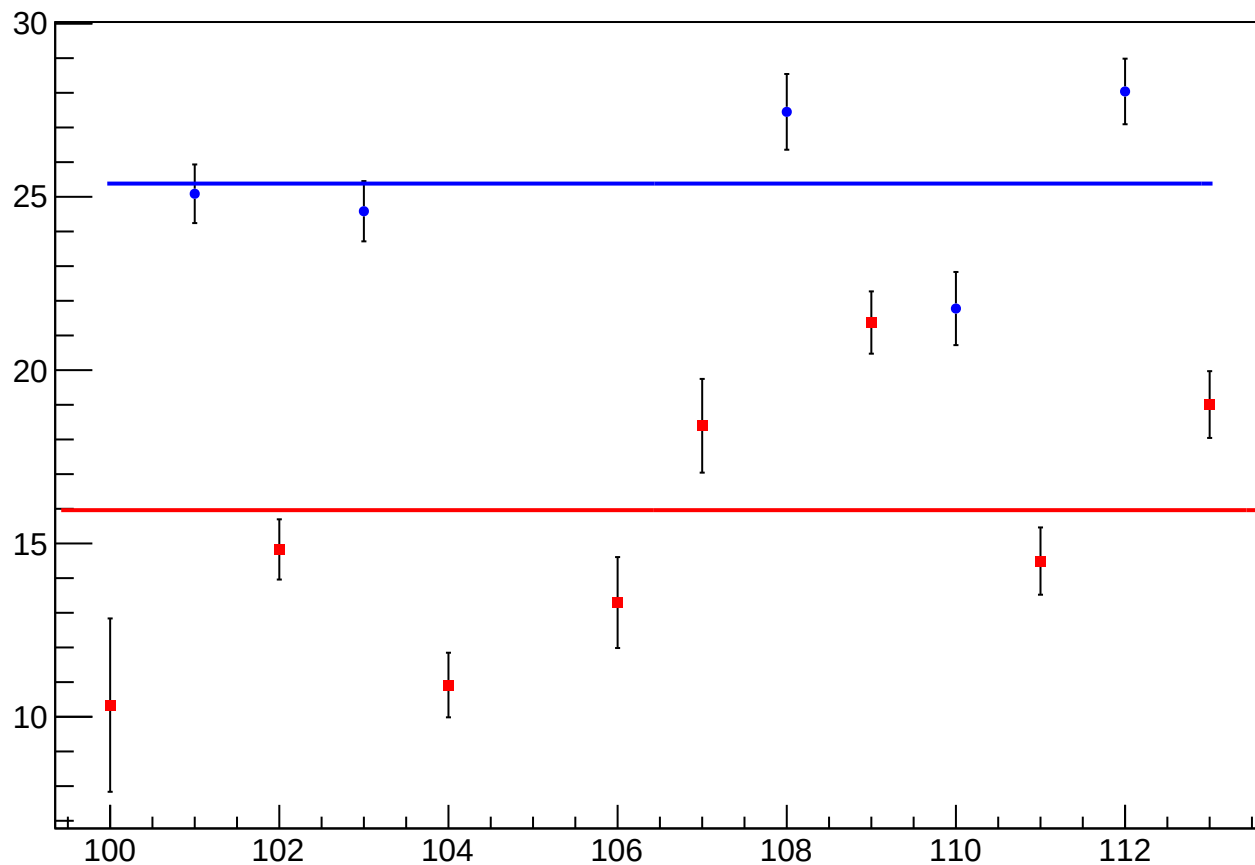
Right: 815.055+/-0.240 χ^2/NDF : 78480.4/12

In: 825.214+/-0.368 χ^2/NDF : 33167.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 815.055+/-0.240 χ^2/NDF : 78480.4/12

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: 15.961 $\pm$ 0.374 χ^2 /NDF: 92.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

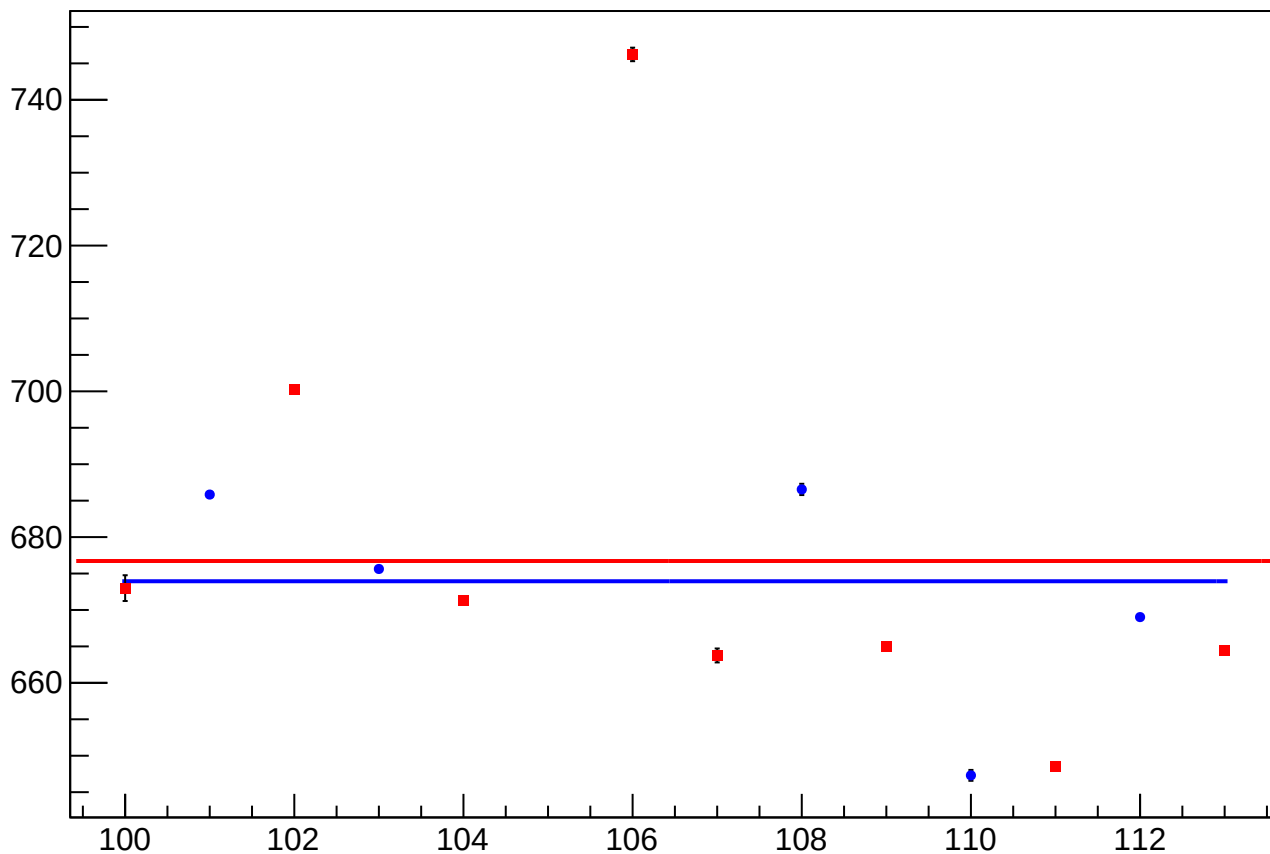
Right: 20.091 $\pm$ 0.280 χ^2 /NDF: 394.1/12

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: 20.091 $\pm$ 0.280 χ^2 /NDF: 394.1/12

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: 676.720 $\pm$ 0.265 χ^2 /NDF: 9696.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

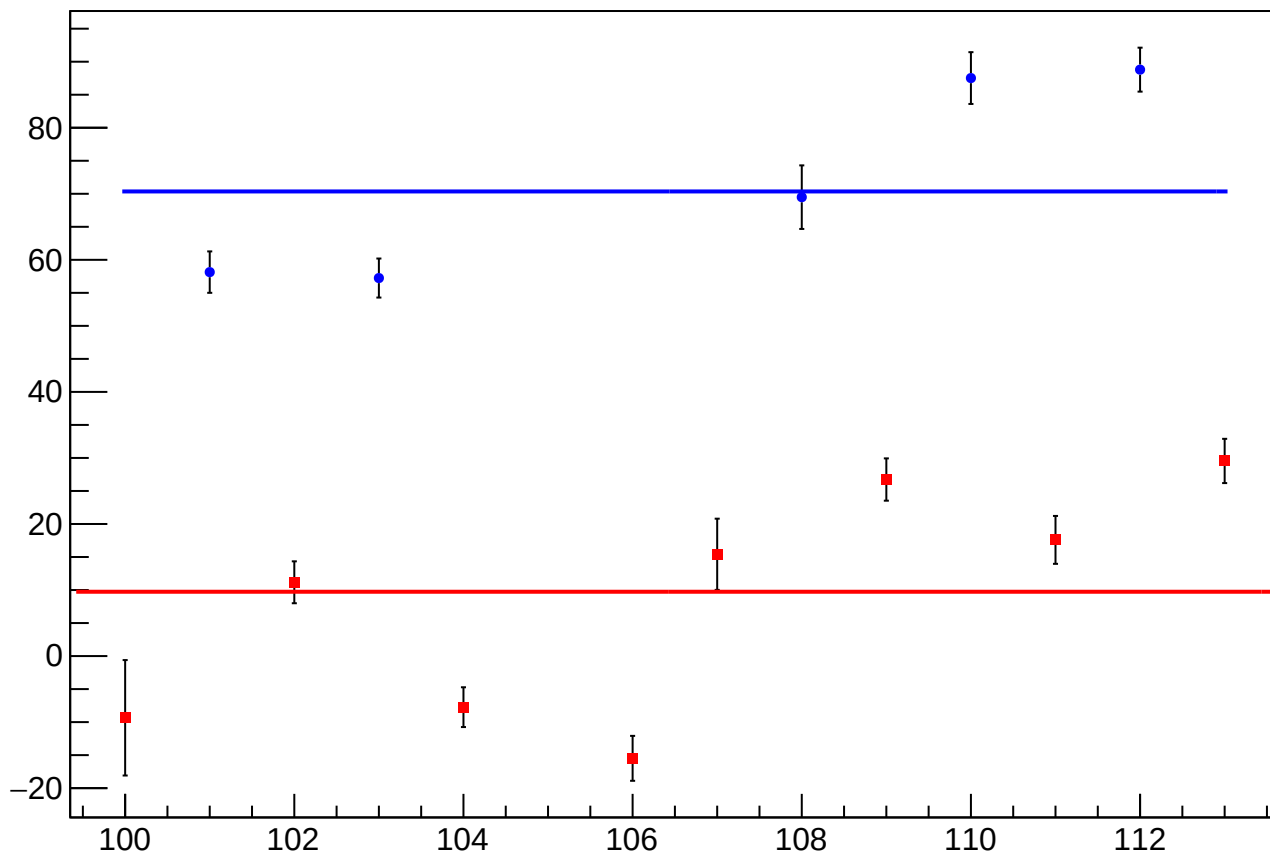
Right: 675.502 $\pm$ 0.198 χ^2 /NDF: 11742.2/12

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: 675.502 $\pm$ 0.198 χ^2 /NDF: 11742.2/12

diff_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 70.354+/-1.553 χ^2/NDF : 84.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.740+/-1.285 χ^2/NDF : 162.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

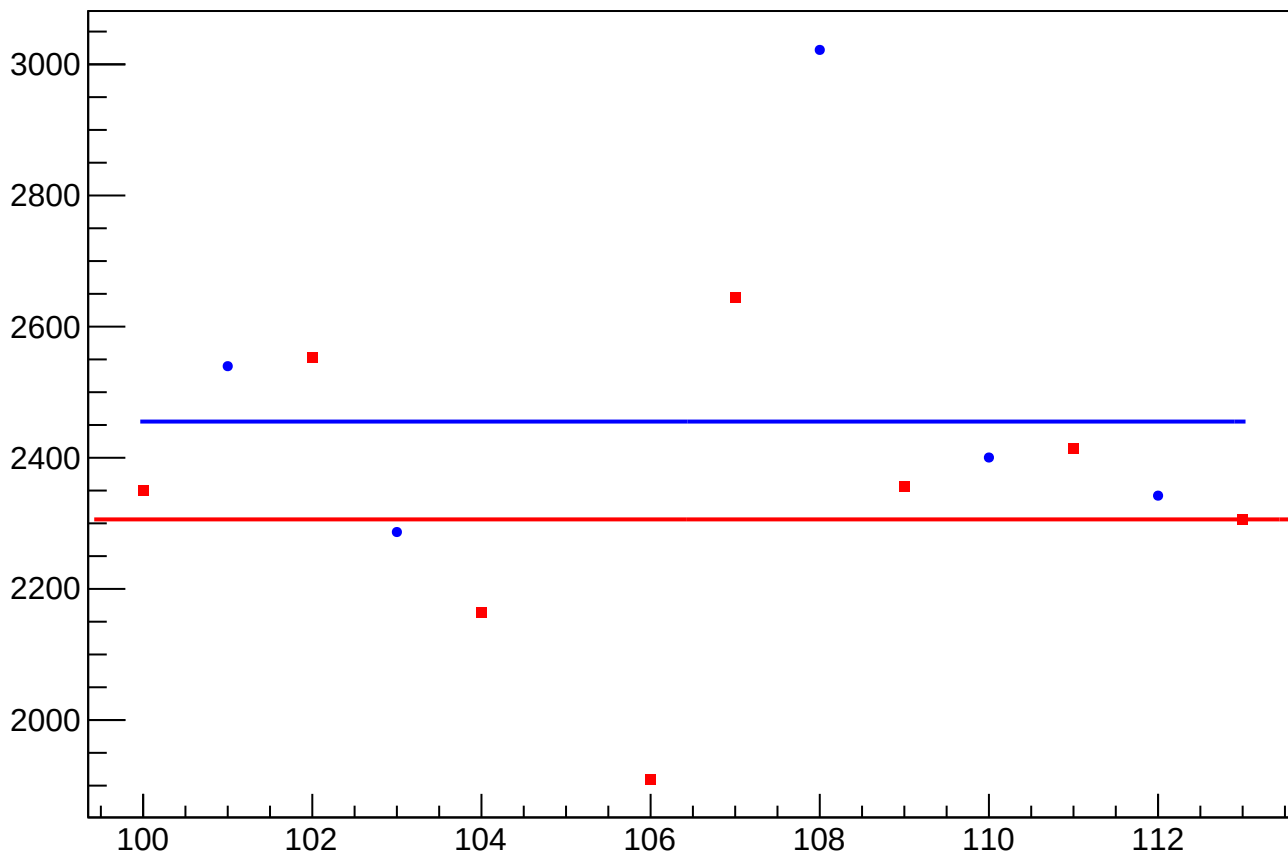
Right: 34.368+/-0.990 χ^2/NDF : 1151.8/12

In: 70.354+/-1.553 χ^2/NDF : 84.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.368+/-0.990 χ^2/NDF : 1151.8/12

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: 2306.015+/-0.908 χ^2/NDF : 53974.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

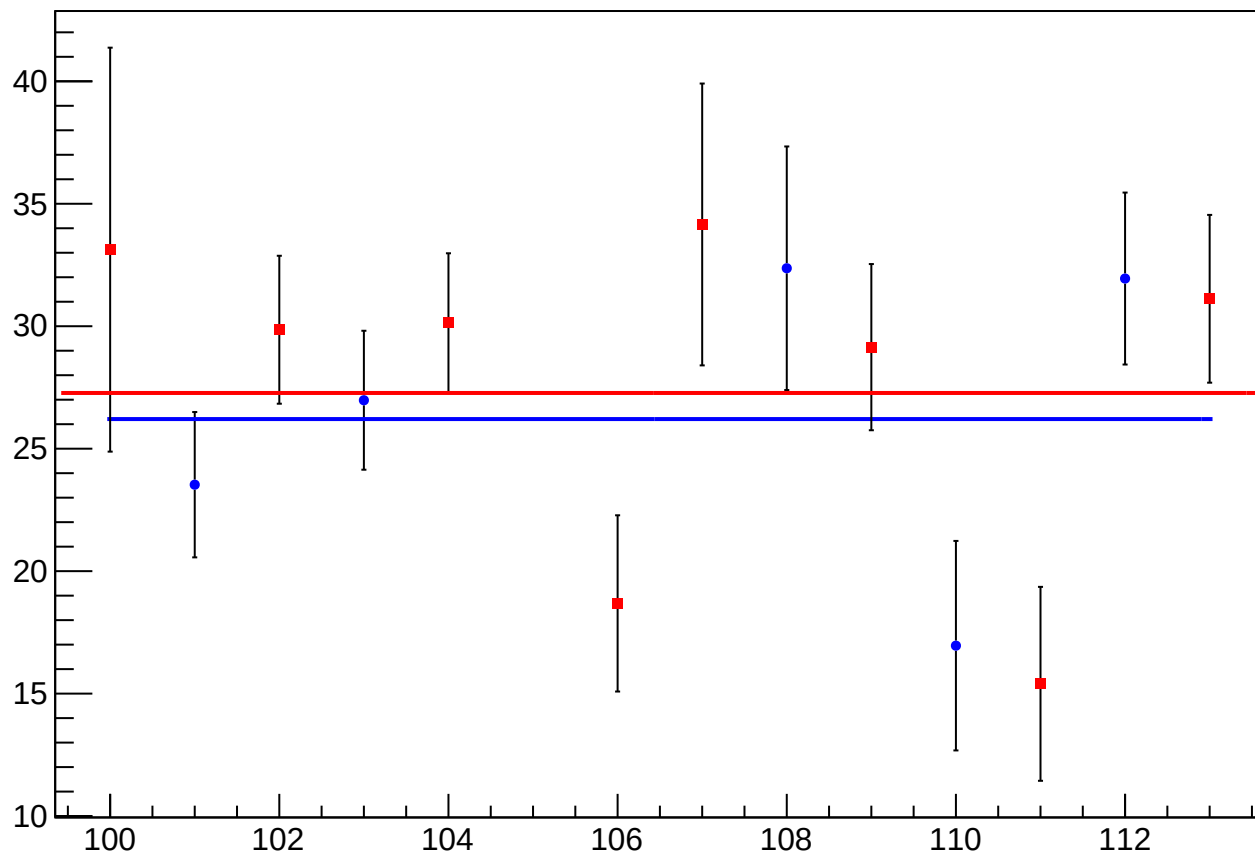
Right: 2366.640+/-0.700 χ^2/NDF : 103324.1/12

In: 2455.227+/-1.098 χ^2/NDF : 38386.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2366.640+/-0.700 χ^2/NDF : 103324.1/12

diff_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: 26.209 $\pm$ 1.554 χ^2 /NDF: 9.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.275 $\pm$ 1.300 χ^2 /NDF: 19.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

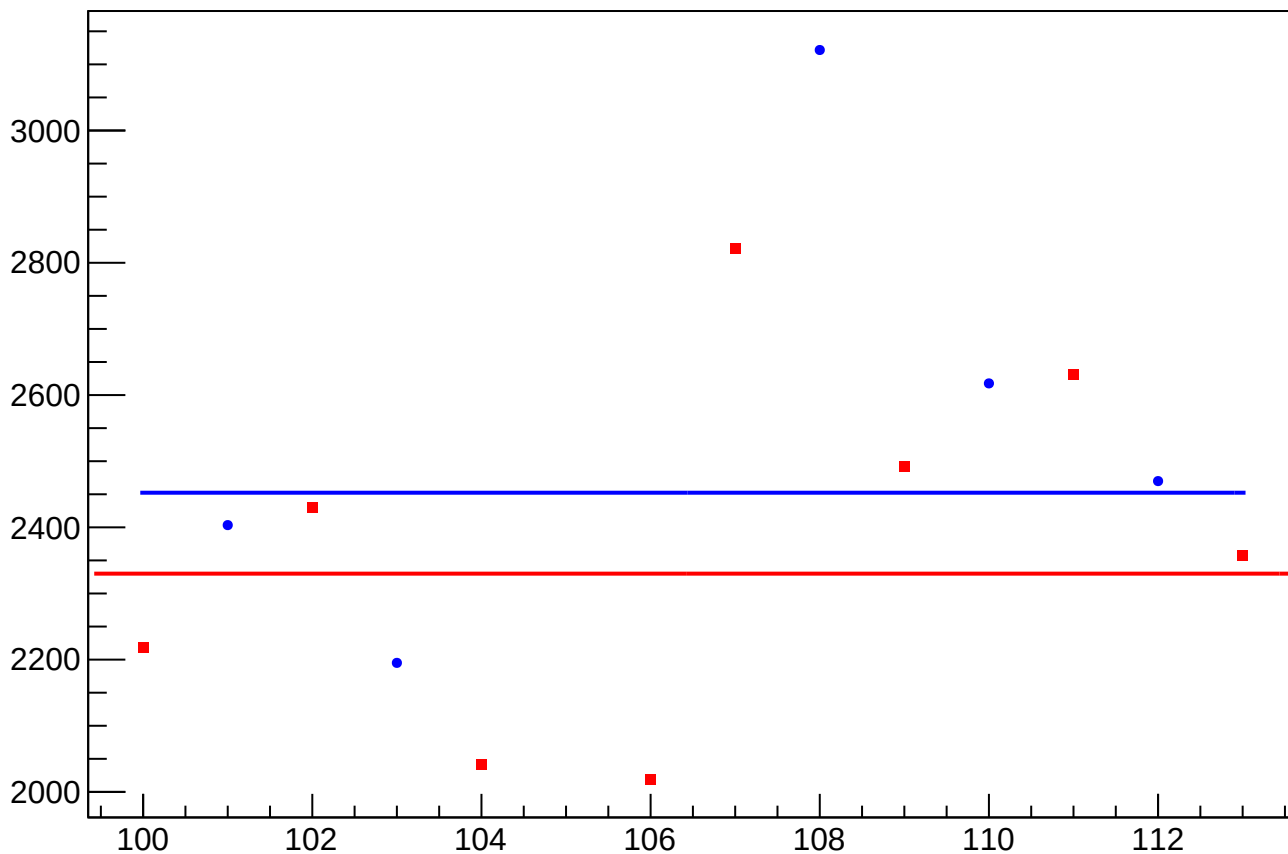
Right: 26.836 $\pm$ 0.997 χ^2 /NDF: 30.0/12

In: 26.209 $\pm$ 1.554 χ^2 /NDF: 9.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 26.836 $\pm$ 0.997 χ^2 /NDF: 30.0/12

diff_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 2452.365 $\pm$ 1.099 χ^2/NDF : 56286.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 2329.995 $\pm$ 0.919 χ^2/NDF : 69056.1/7

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

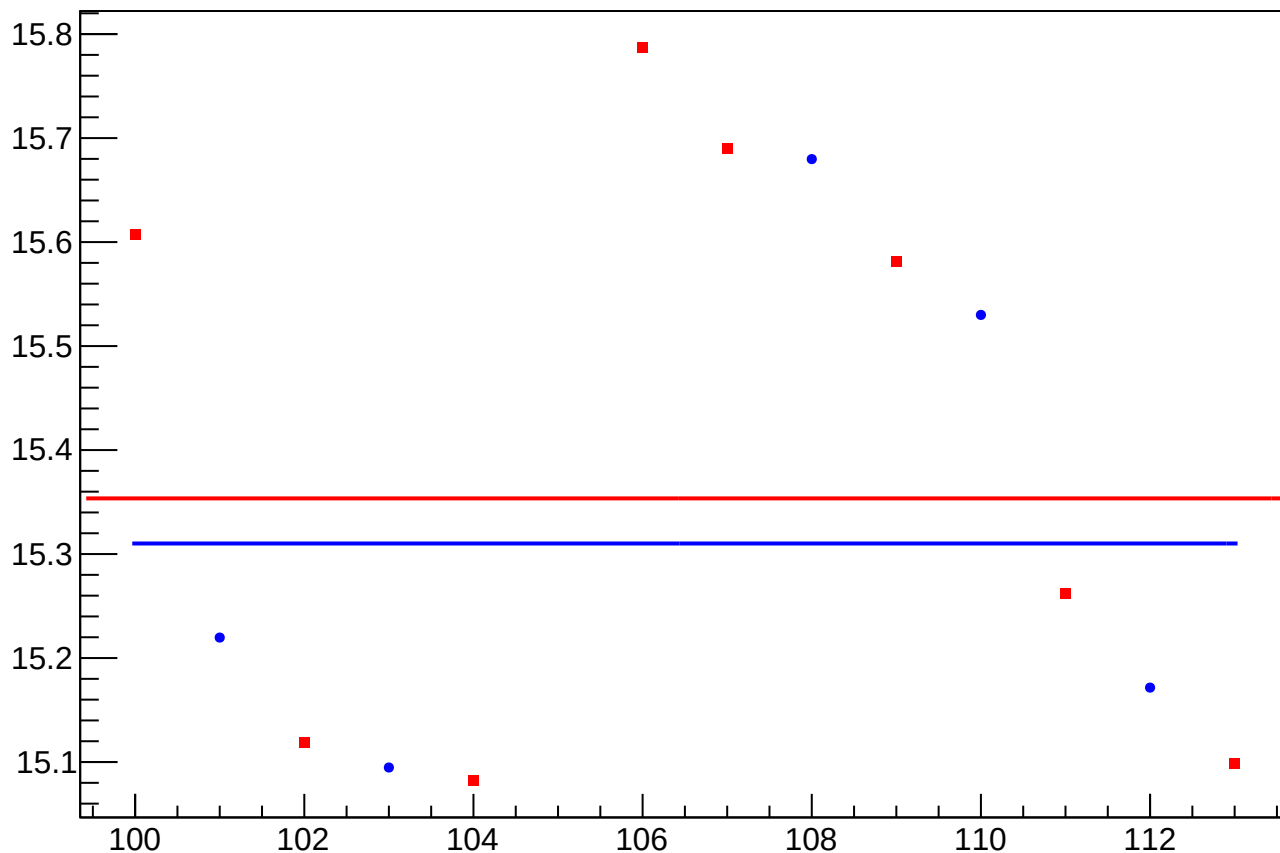
Right: 2380.391 $\pm$ 0.705 χ^2/NDF : 132637.4/12

In: 2452.365 $\pm$ 1.099 χ^2/NDF : 56286.0/4

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 2380.391 $\pm$ 0.705 χ^2/NDF : 132637.4/12

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: 15.354+/-0.000 χ^2/NDF : 334467298.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

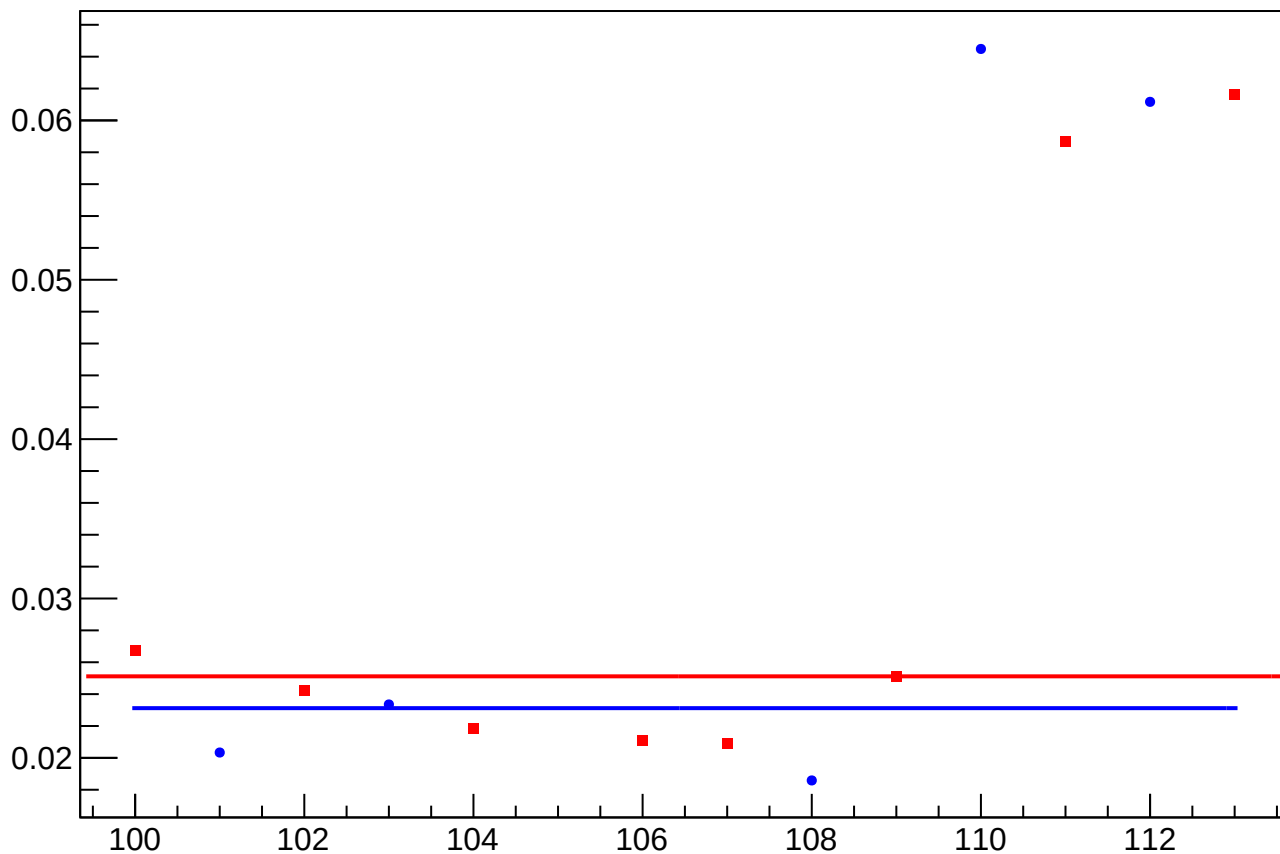
Right: 15.333+/-0.000 χ^2/NDF : 534012467.1/12

In: 15.310+/-0.000 χ^2/NDF : 195984407.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.333+/-0.000 χ^2/NDF : 534012467.1/12

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: 0.025+/-0.000 χ^2/NDF : 643762.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

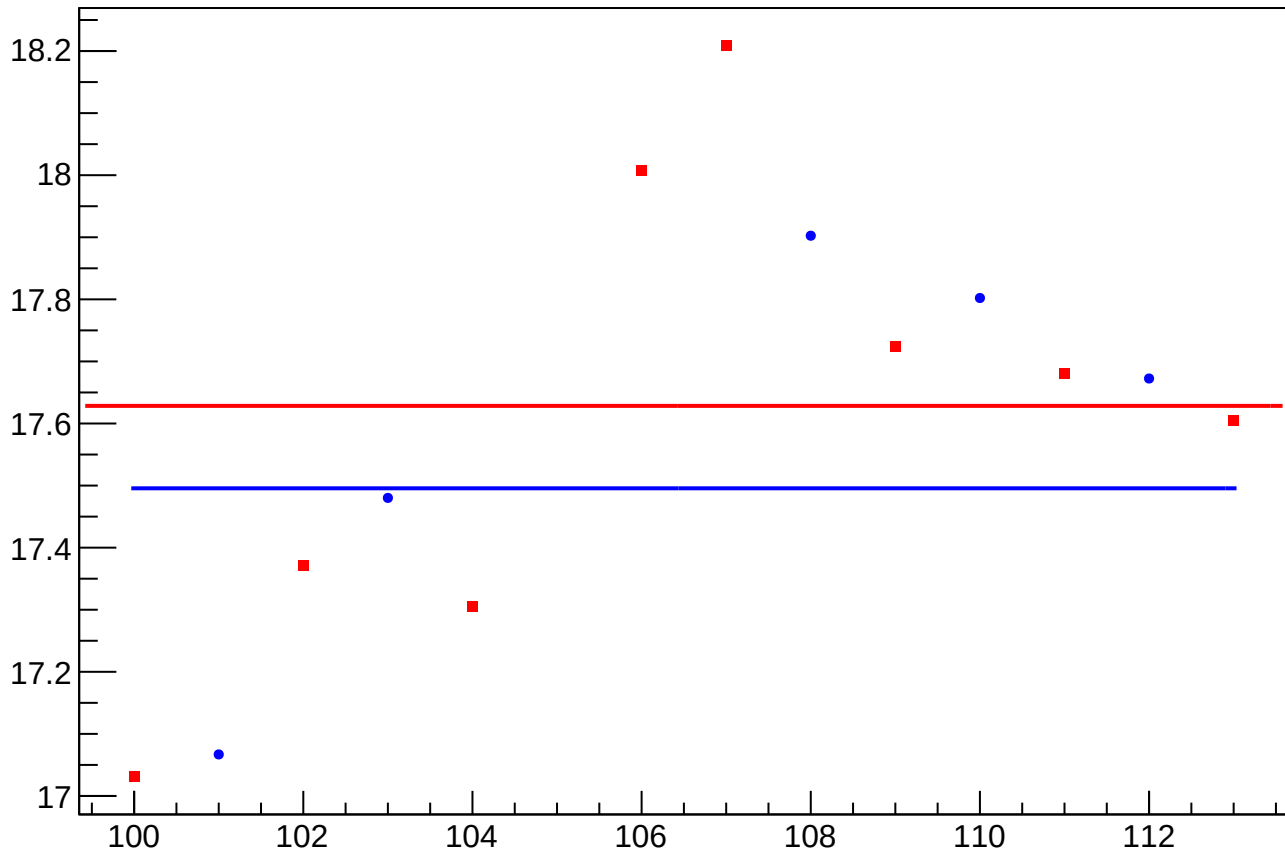
Right: 0.024+/-0.000 χ^2/NDF : 1348536.0/12

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 : 1348536.0/12

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: 17.628+/-0.000 χ^2/NDF : 3131822.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

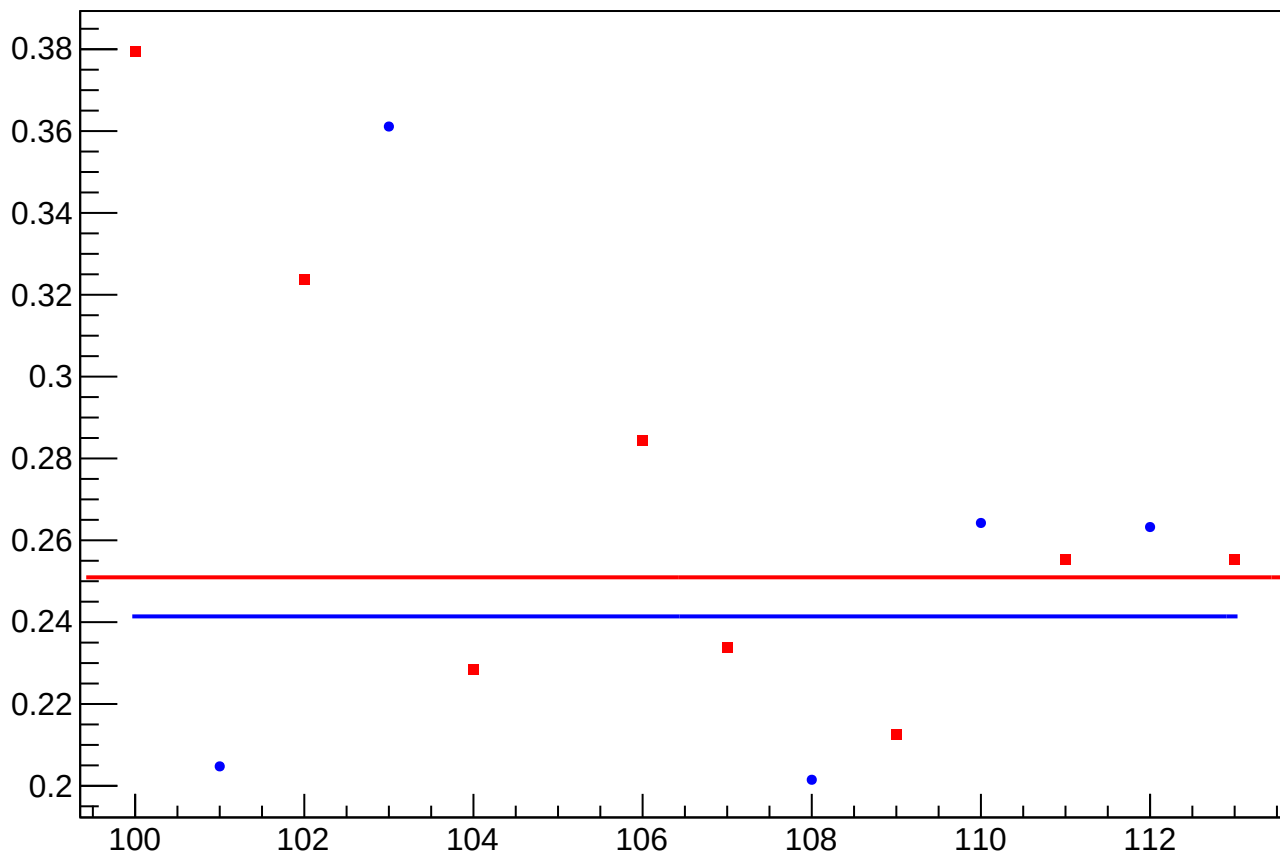
Right: 17.568+/-0.000 χ^2/NDF : 7874182.9/12

In: 17.496+/-0.000 χ^2/NDF : 4386935.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.568+/-0.000 χ^2/NDF : 7874182.9/12

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: 0.251+/-0.000 χ^2/NDF : 123064.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

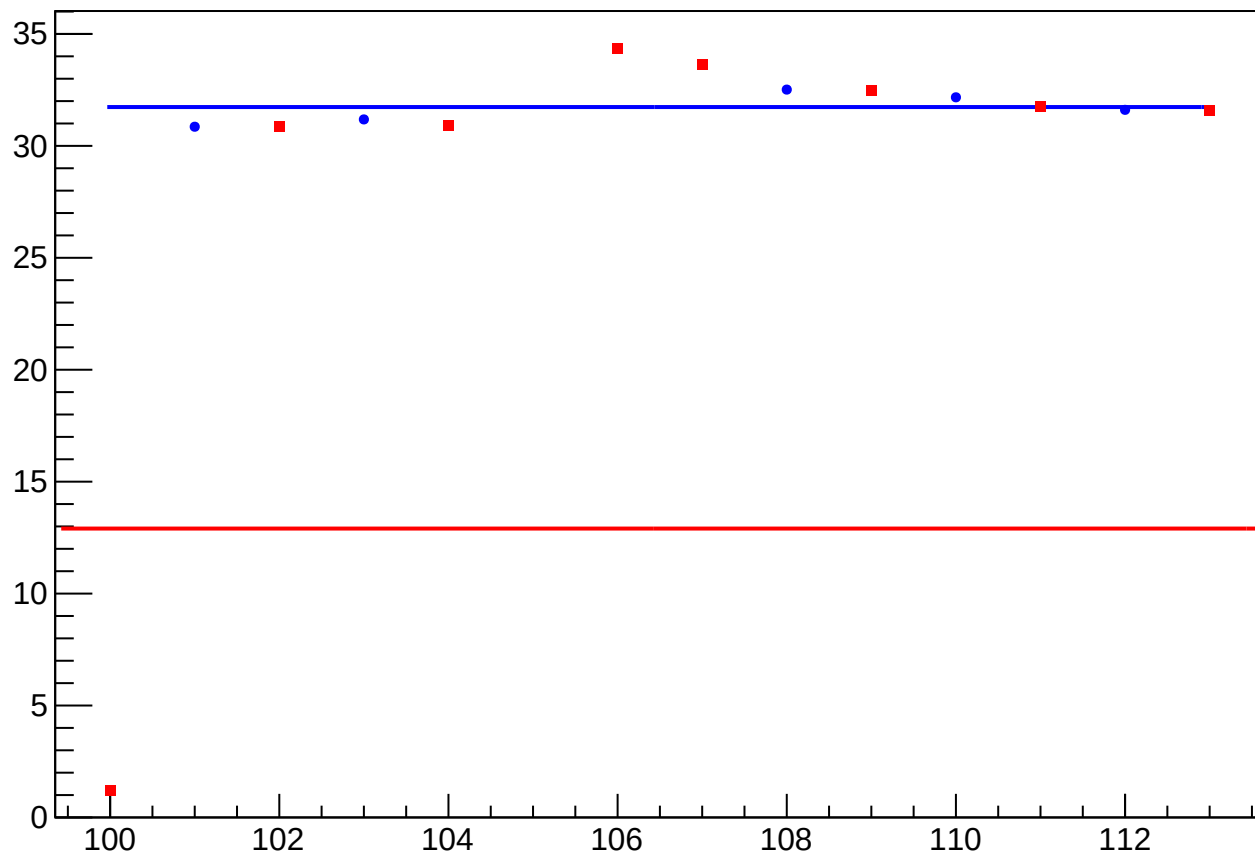
Right: 0.247+/-0.000 χ^2/NDF : 329193.9/12

In: 0.241+/-0.000 χ^2/NDF : 202453.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.247+/-0.000 χ^2/NDF : 329193.9/12

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: 12.905+/-0.000 χ^2/NDF : 140421437757.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

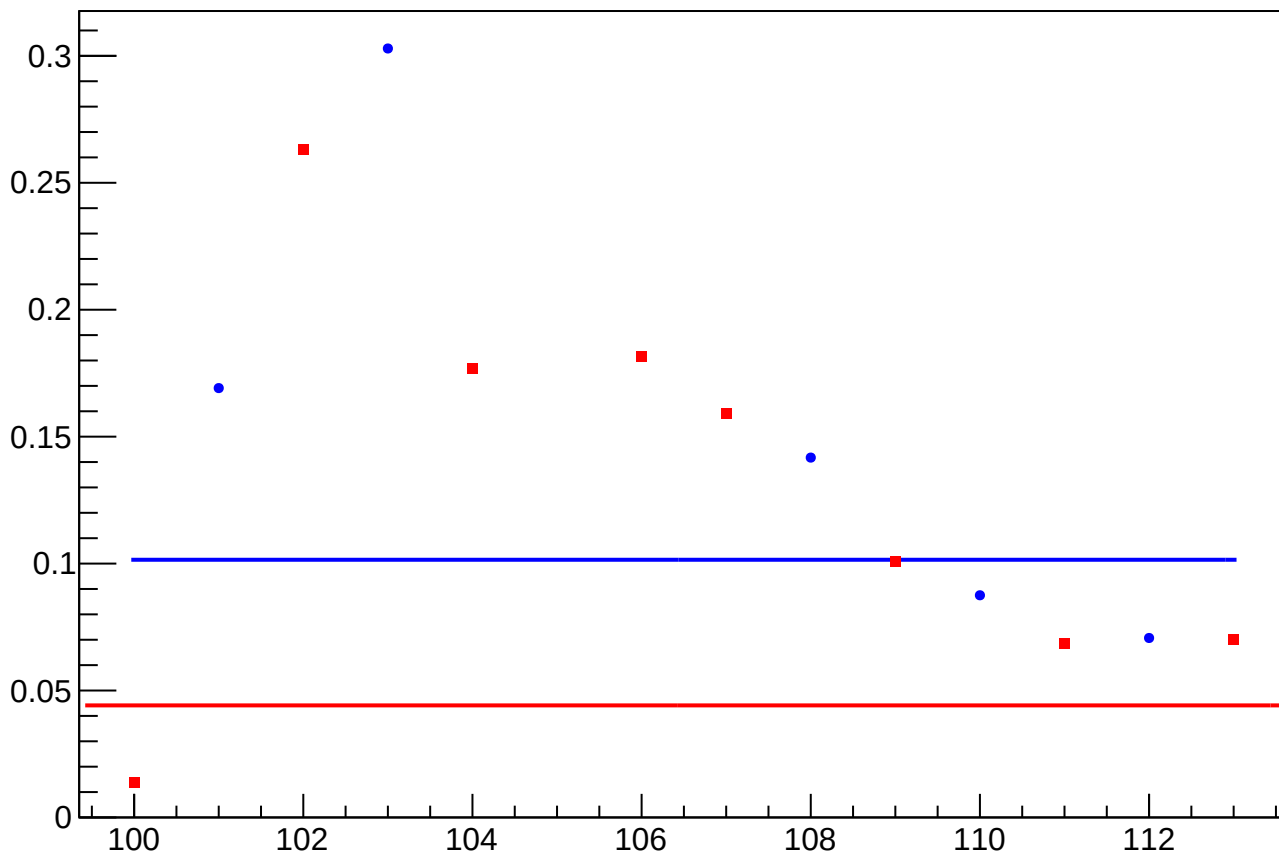
Right: 16.854+/-0.000 χ^2/NDF : 187400274826.4/12

In: 31.735+/-0.000 χ^2/NDF : 35400098.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.854+/-0.000 χ^2/NDF : 187400274826.4/12

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: 0.044+/-0.000 χ^2/NDF : 2917829.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

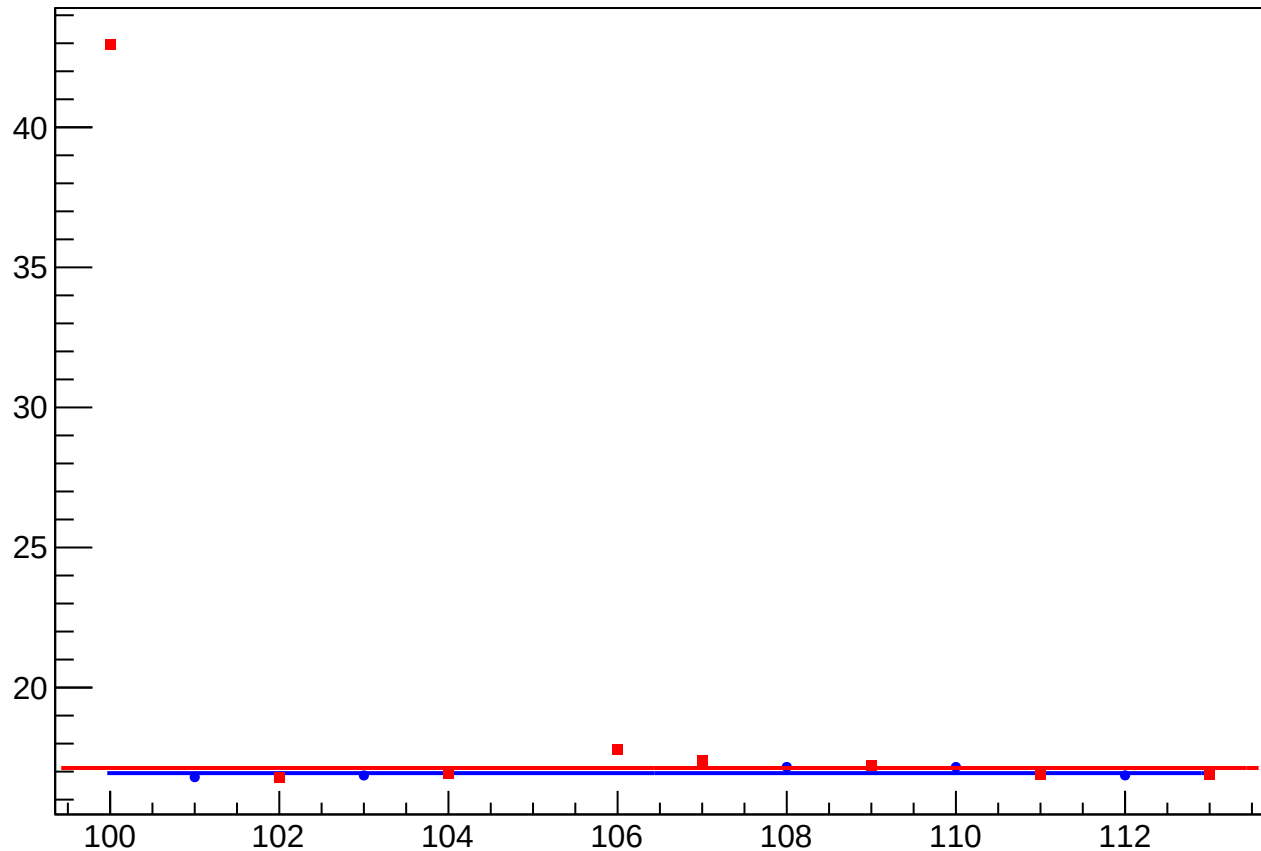
Right: 0.056+/-0.000 χ^2/NDF : 4704677.5/12

In: 0.102+/-0.000 χ^2/NDF : 915388.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.056+/-0.000 χ^2/NDF : 4704677.5/12

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: 17.130+/-0.000 χ^2/NDF : 259030839.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

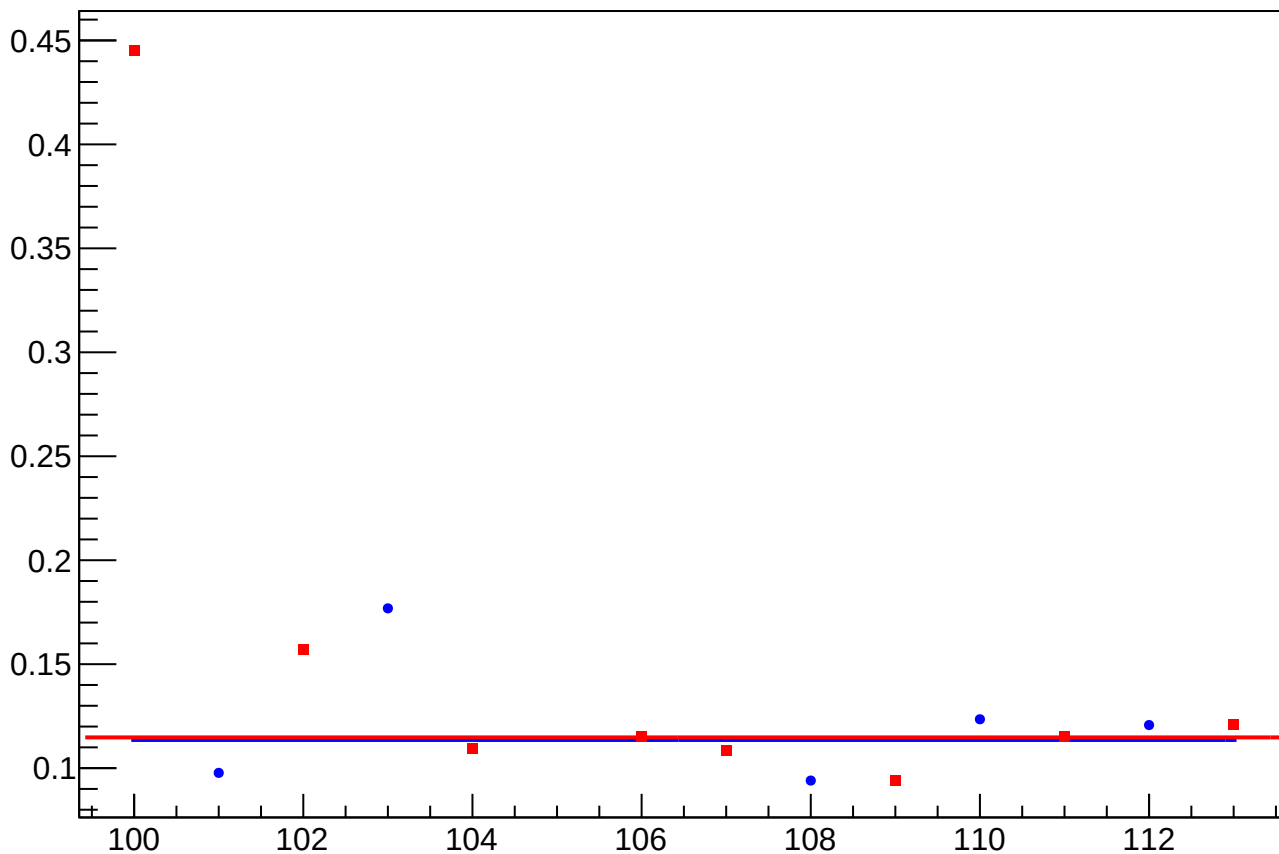
Right: 17.048+/-0.000 χ^2/NDF : 266381997.6/12

In: 16.946+/-0.000 χ^2/NDF : 4257835.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.048+/-0.000 χ^2/NDF : 266381997.6/12

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: 0.115+/-0.000 χ^2/NDF : 210190.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

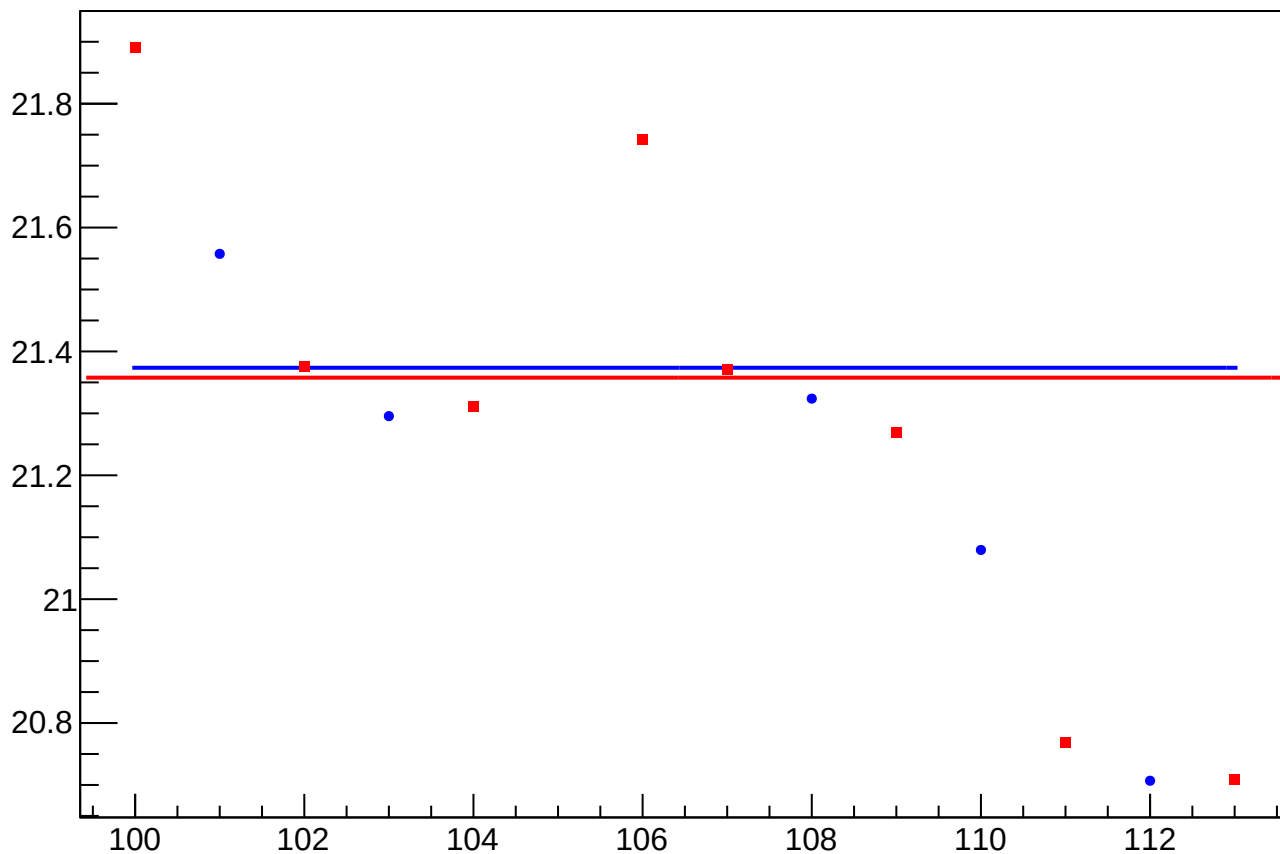
Right: 0.114+/-0.000 χ^2/NDF : 424601.7/12

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 : 424601.7/12

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: 21.358+/-0.000 χ^2/NDF : 184832928.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

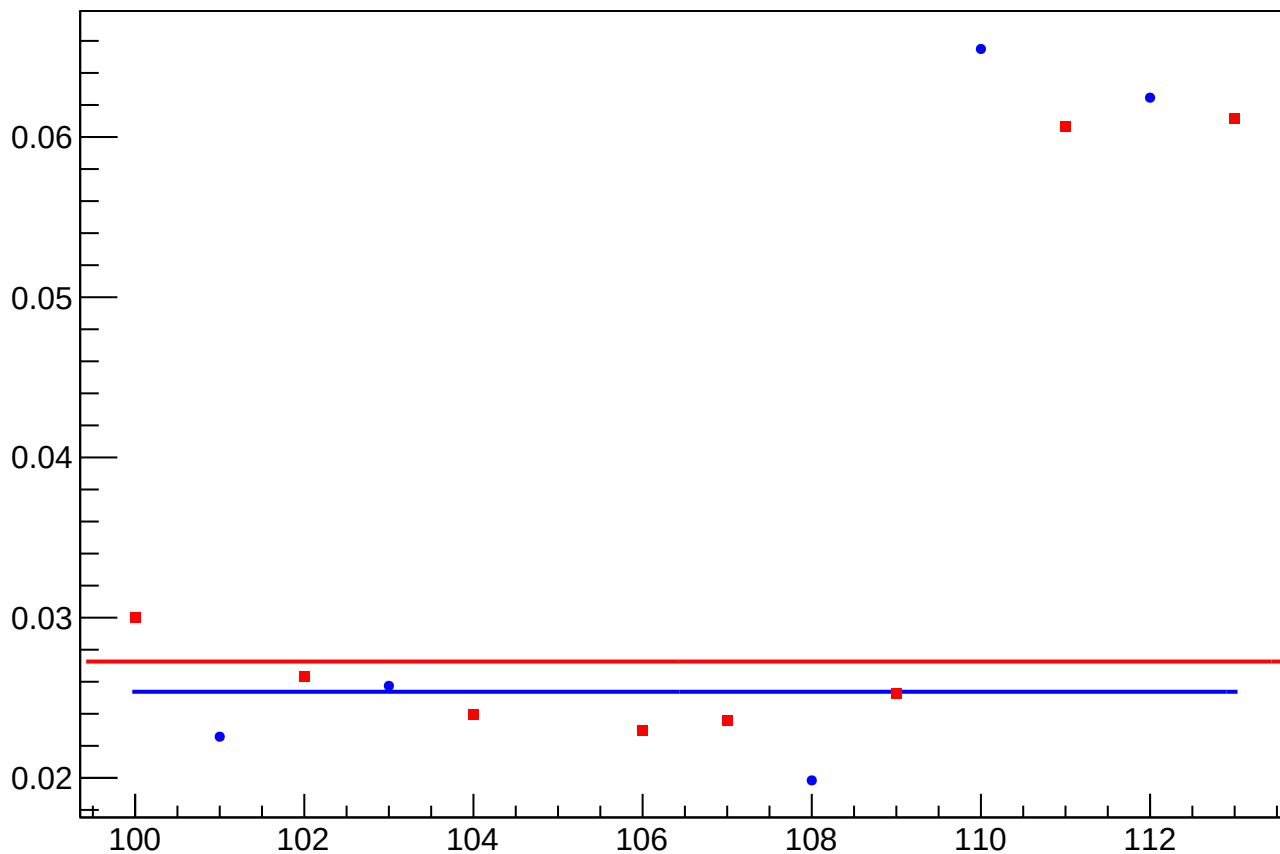
Right: 21.365+/-0.000 χ^2/NDF : 290794471.7/12

In: 21.374+/-0.000 χ^2/NDF : 105553073.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.365+/-0.000 χ^2/NDF : 290794471.7/12

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: 0.027+/-0.000 χ^2/NDF : 577849.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

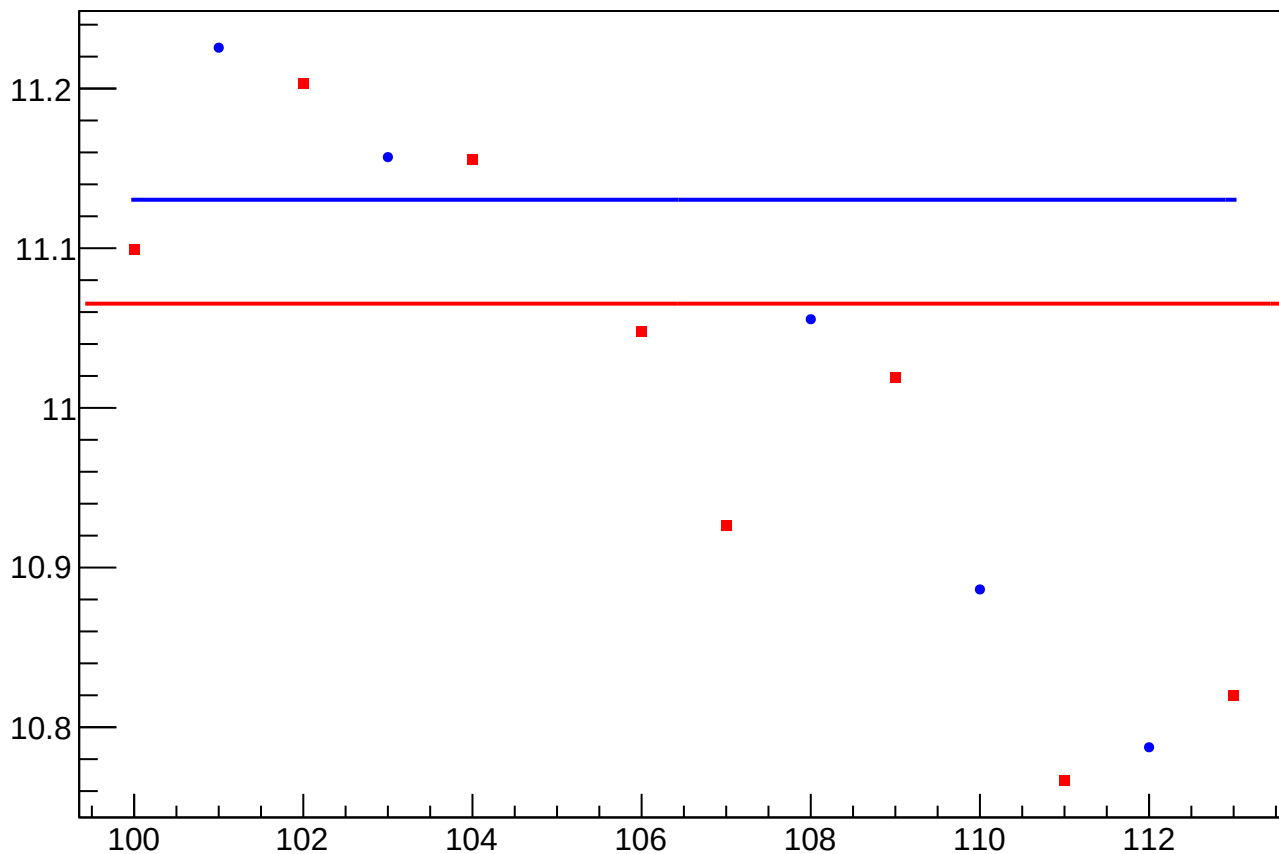
Right: 0.026+/-0.000 χ^2/NDF : 1228764.4/12

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 : 1228764.4/12

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: 11.065+/-0.000 χ^2/NDF : 284646492.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

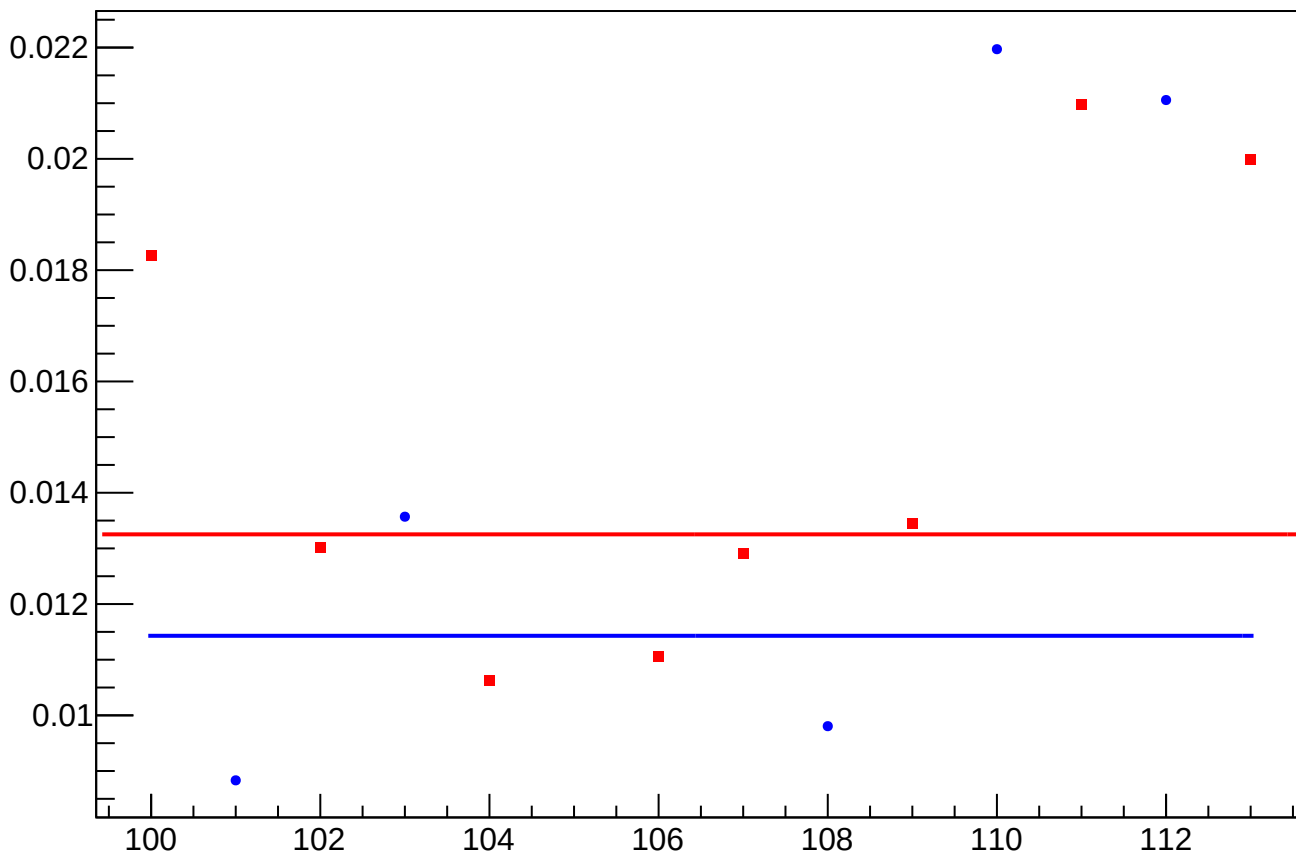
Right: 11.098+/-0.000 χ^2/NDF : 567716015.2/12

In: 11.130+/-0.000 χ^2/NDF : 250250569.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.098+/-0.000 χ^2/NDF : 567716015.2/12

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 : 304376.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

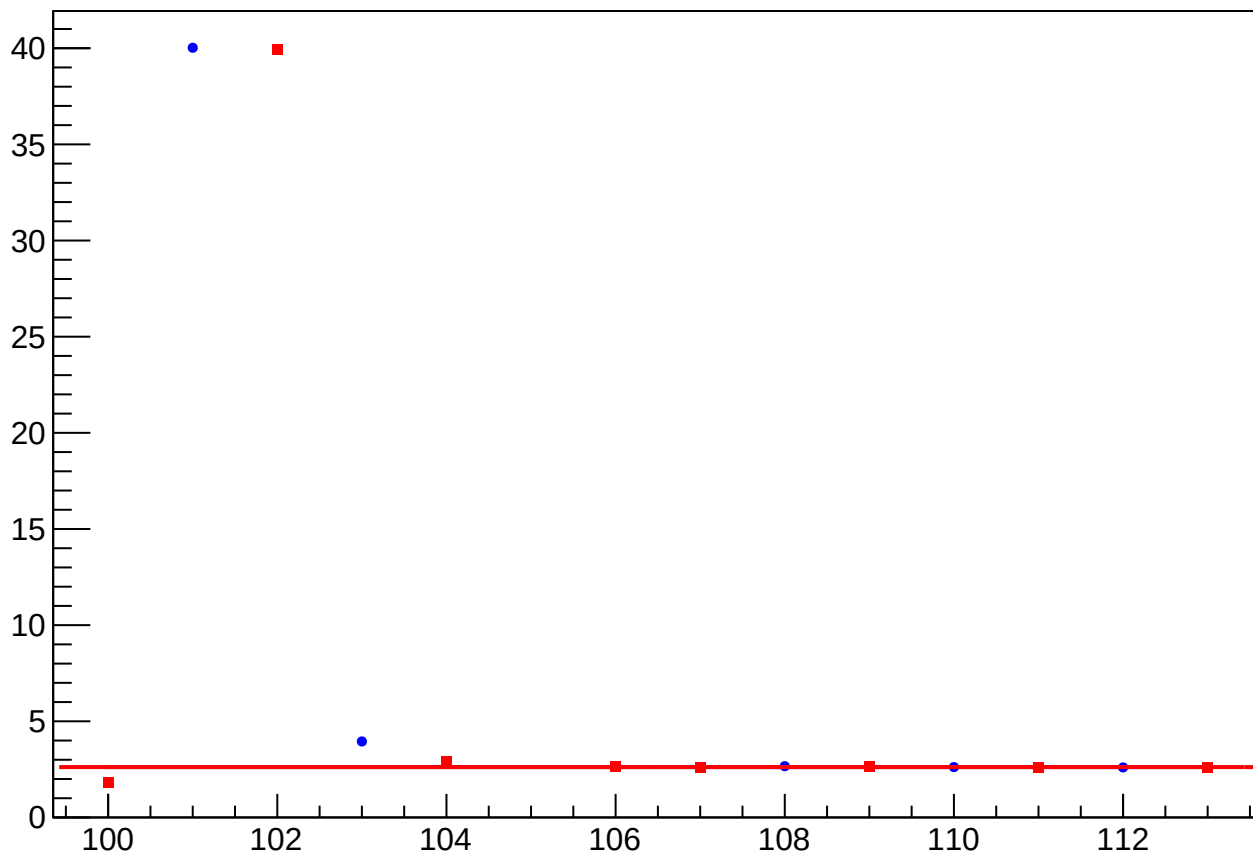
Right: 0.012+/-0.000 χ^2/NDF : 845089.5/12

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 : 845089.5/12

yield_sam7_mean vs Slug, Sign Corrected



Right In: 2.618+/-0.000

χ^2/NDF : 62122518607.7/4

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 2.619+/-0.000 χ^2/NDF : 122681677408.7/12

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 2.618+/-0.000 χ^2/NDF : 62122518607.7/4

Right Out: 2.619+/-0.000 χ^2/NDF : 60558899702.0/7

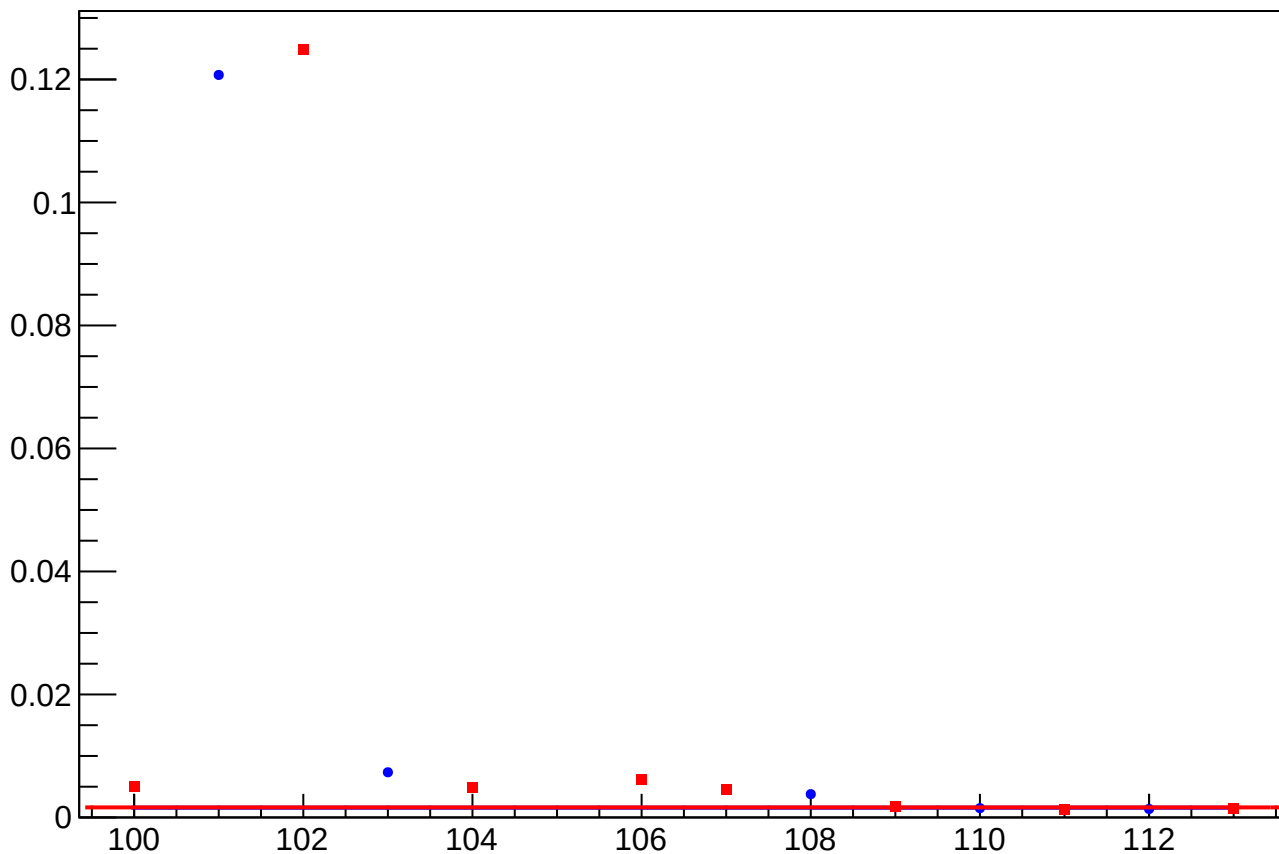
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 2.619+/-0.000 χ^2/NDF : 122681677408.7

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 : 2100580.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

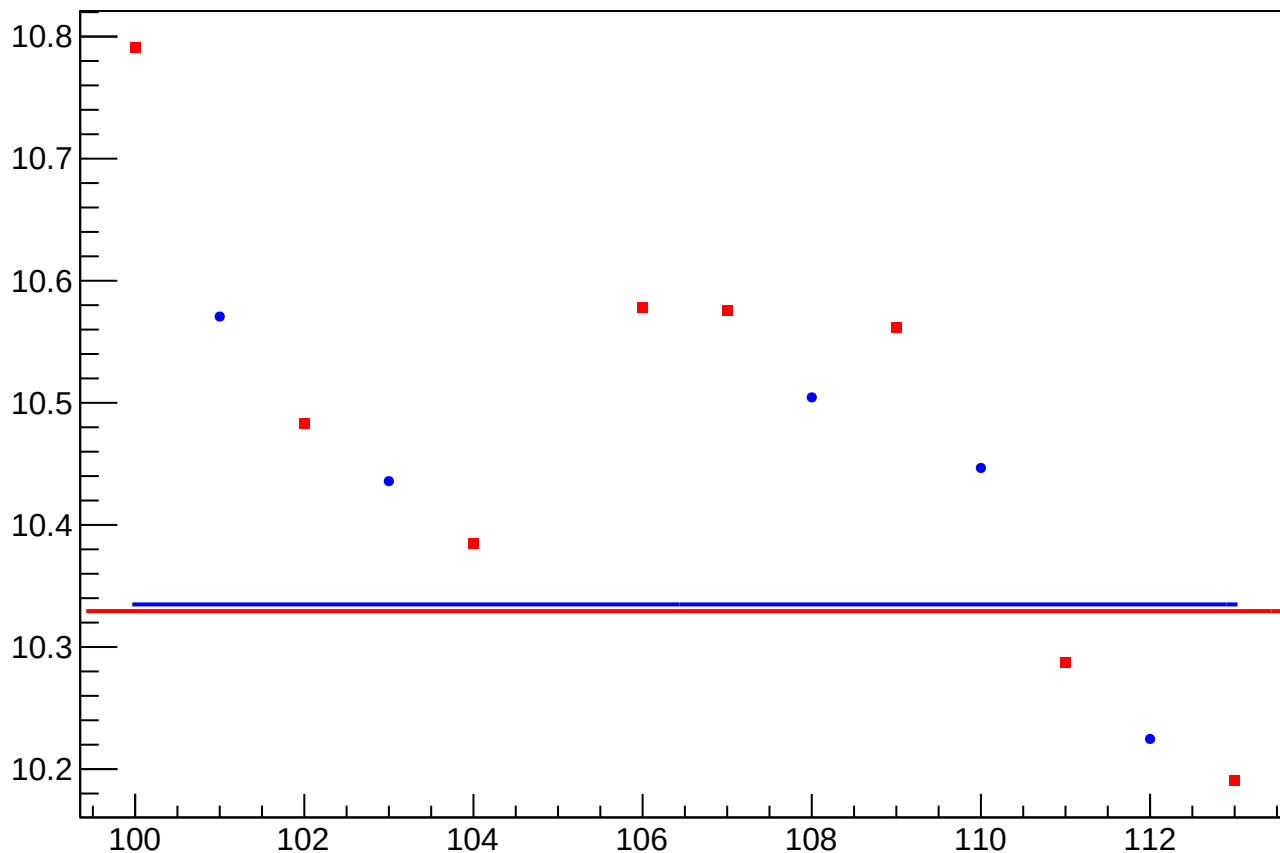
Right: 0.002+/-0.000 χ^2/NDF : 3632707.4/12

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 : 3632707.4/12

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: 10.329+/-0.000 χ^2/NDF : 2123406609.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

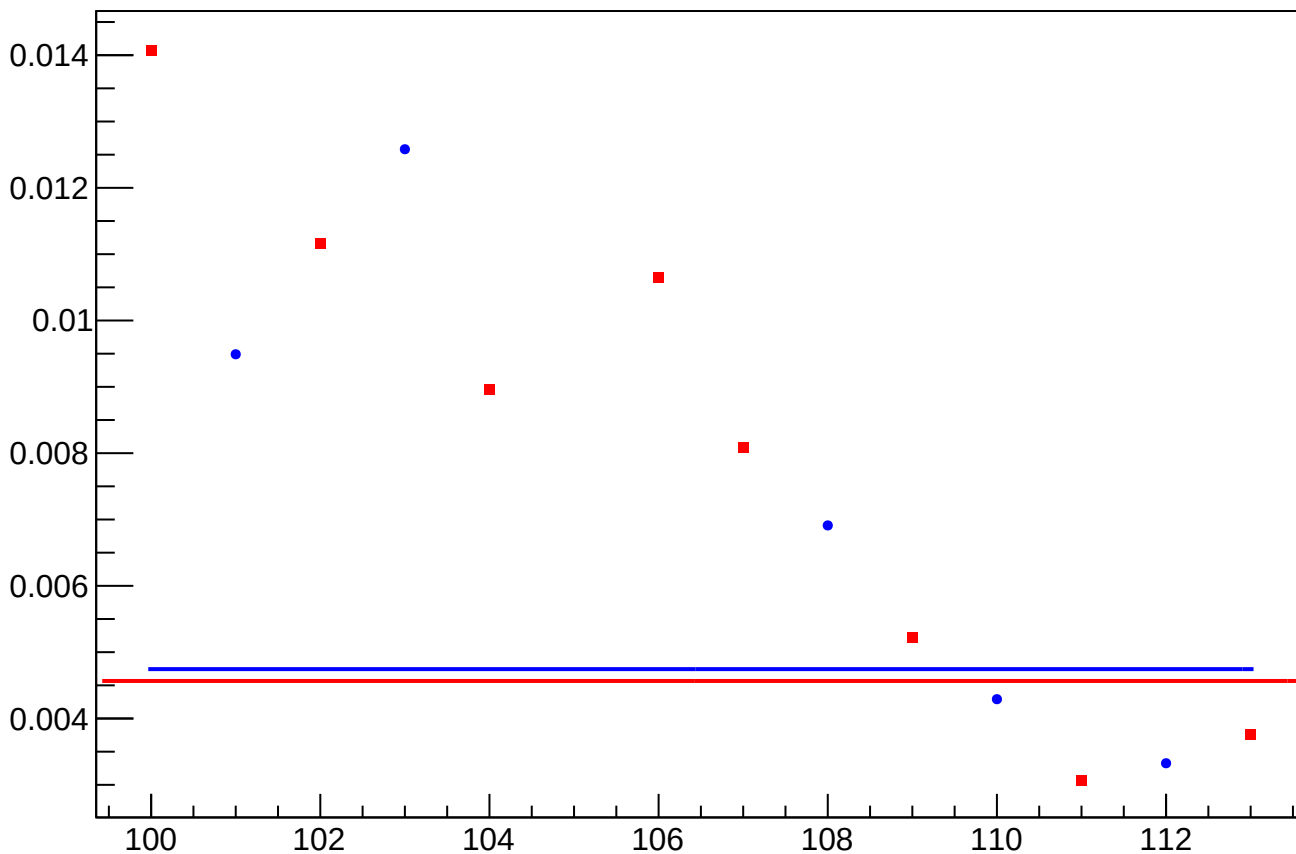
Right: 10.332+/-0.000 χ^2/NDF : 3415765371.7/12

In: 10.335+/-0.000 χ^2/NDF : 1291000095.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.332+/-0.000 χ^2/NDF : 3415765371.7/12

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 : 1212478.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

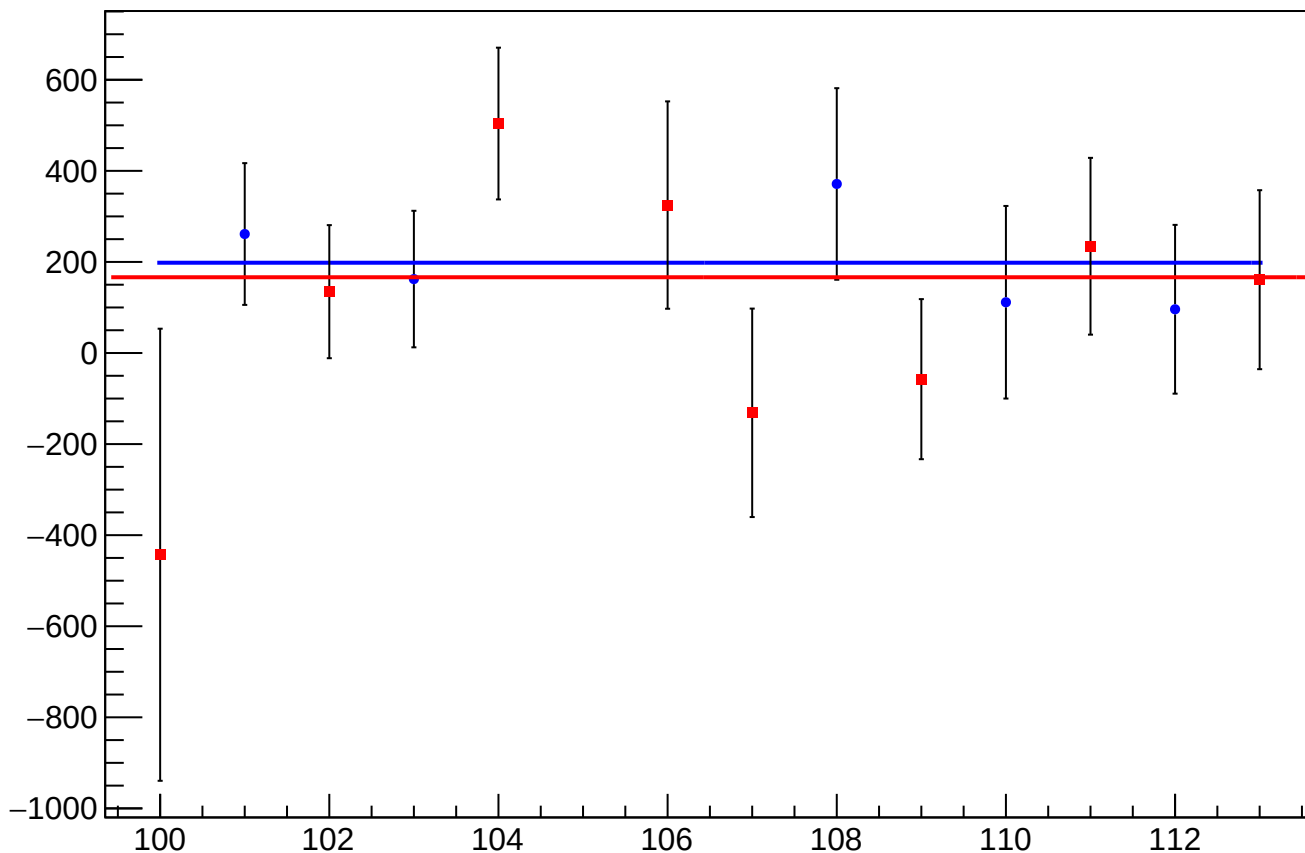
Right: 0.005+/-0.000 χ^2/NDF : 2169248.6/12

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 : 2169248.6/12

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: 166.373 $\pm$ 68.993 χ^2 /NDF: 9.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

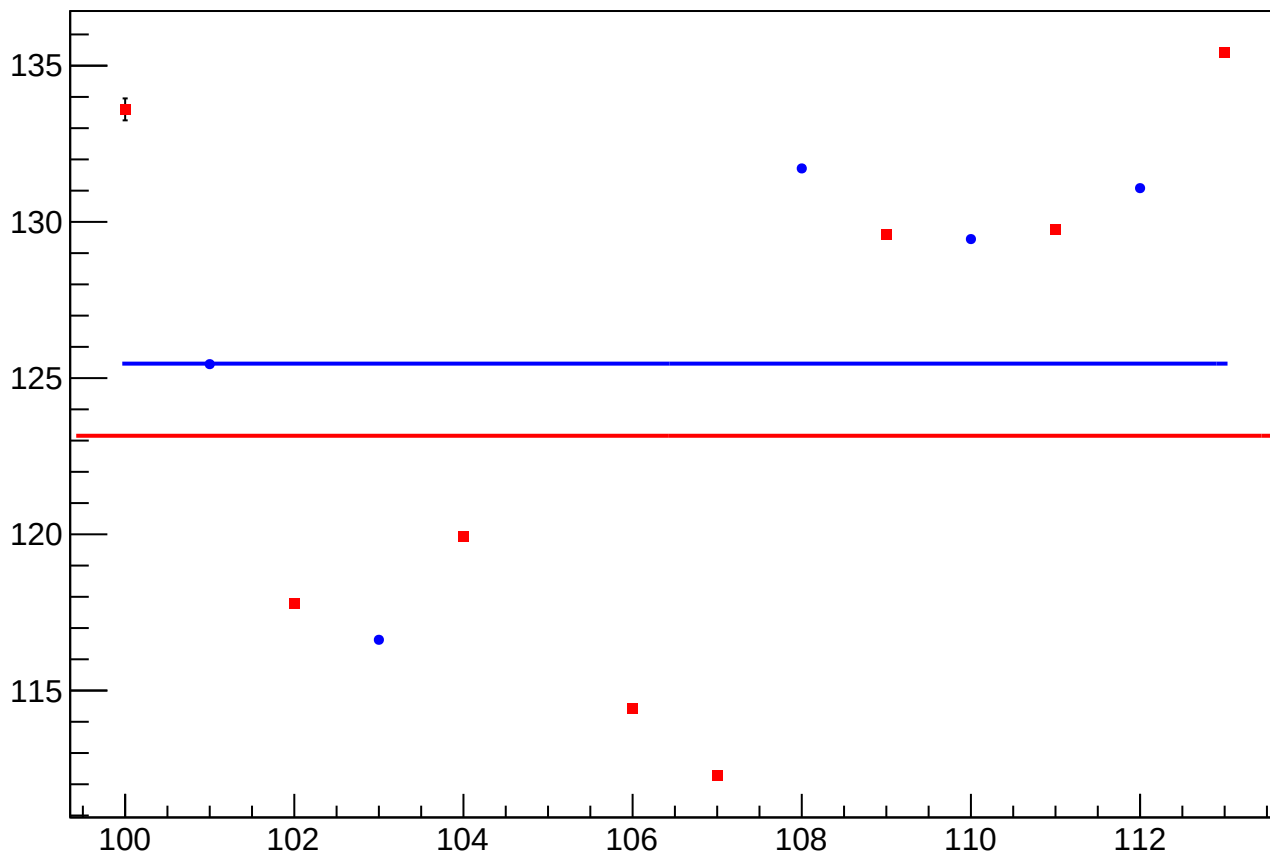
Right: 180.153 $\pm$ 51.992 χ^2 /NDF: 11.0/12

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: 180.153 $\pm$ 51.992 χ^2 /NDF: 11.0/12

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 125.464 $\pm$ 0.056 χ^2 /NDF: 11266.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 123.155 $\pm$ 0.049 χ^2 /NDF: 24615.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

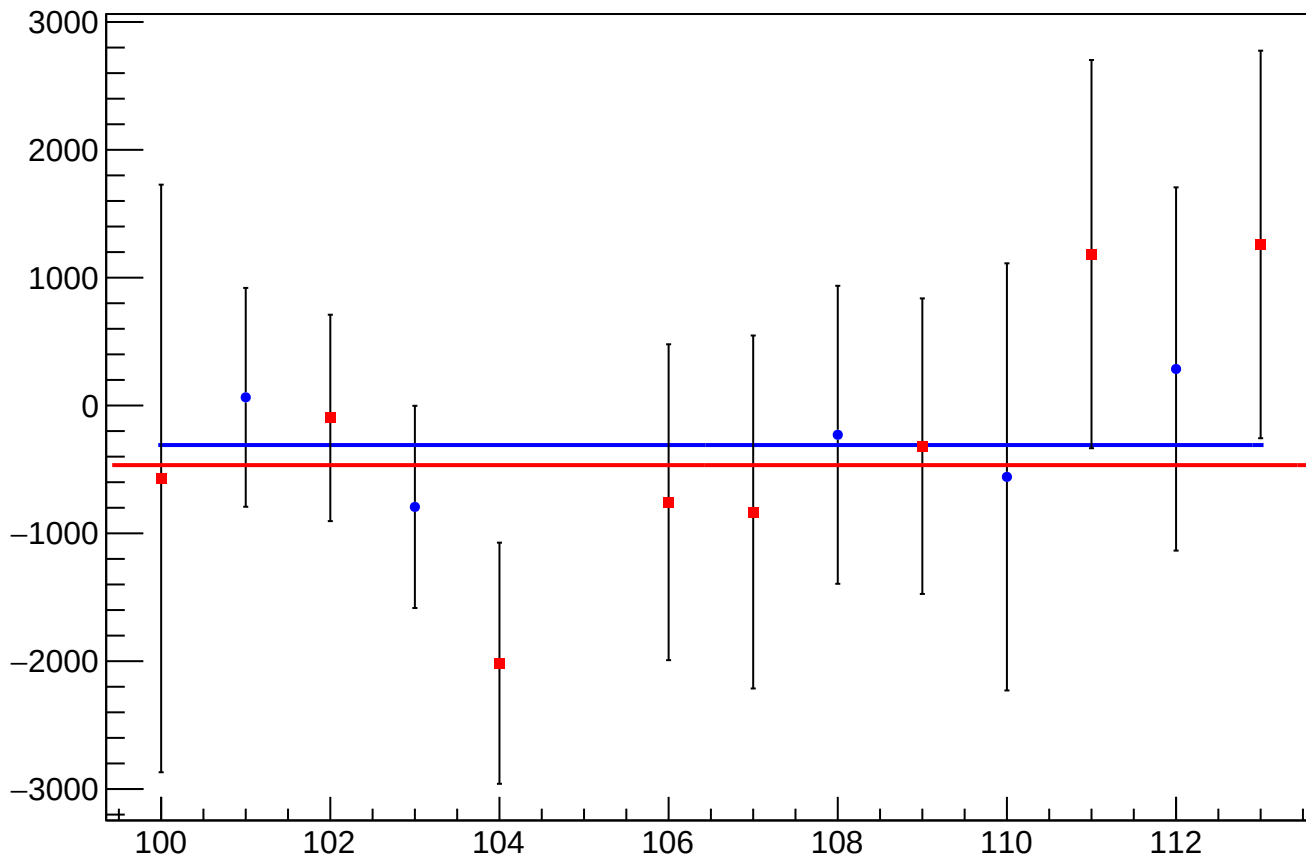
Right: 124.152 $\pm$ 0.037 χ^2 /NDF: 36849.0/12

In: 125.464 $\pm$ 0.056 χ^2 /NDF:11266.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 124.152 $\pm$ 0.037 χ^2 /NDF: 36849.0/12

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: -466.271+/-420.870 χ^2/NDF : 5.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

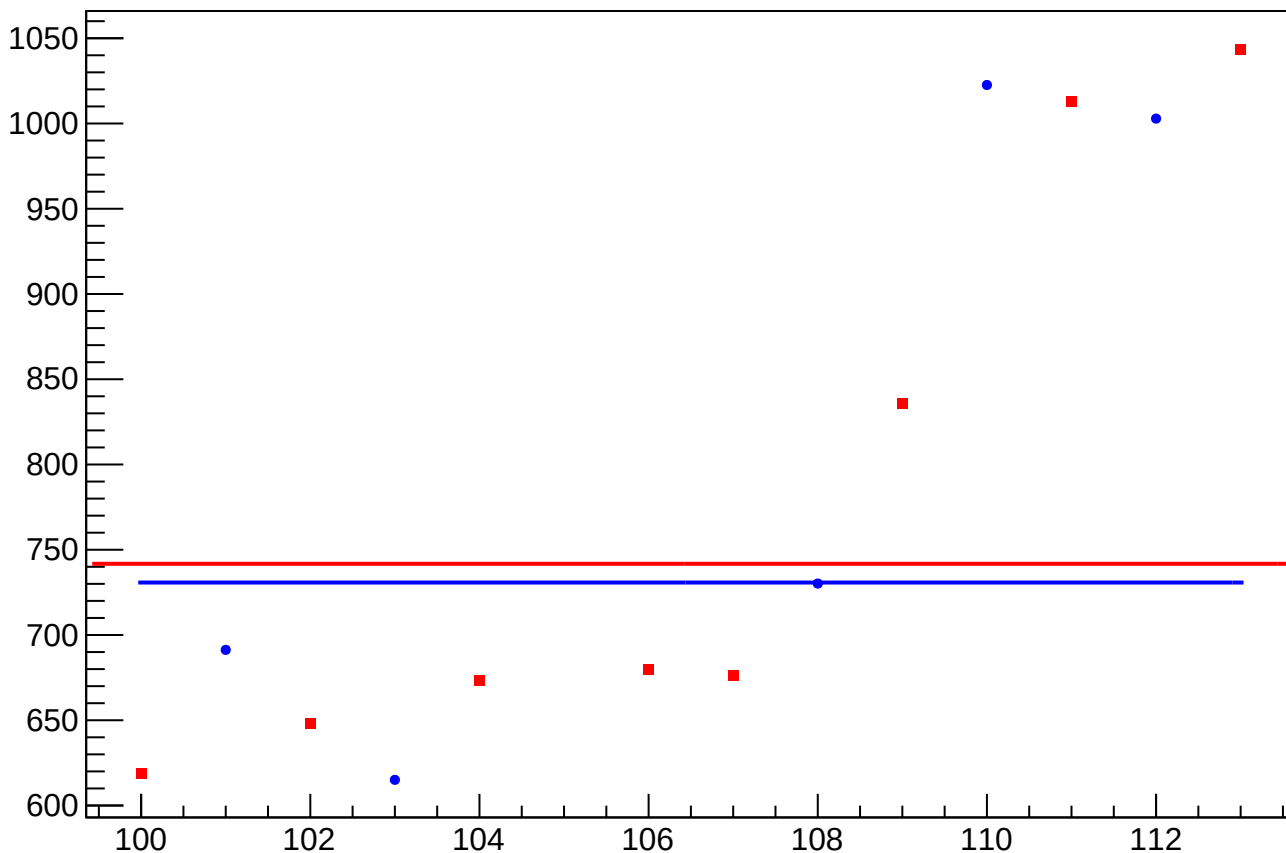
Right: -396.181+/-313.125 χ^2/NDF : 6.4/12

In: -309.285+/-468.619 χ^2/NDF : 0.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -396.181+/-313.125 χ^2/NDF : 6.4/12

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: 741.769+/-0.298 χ^2/NDF : 209198.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

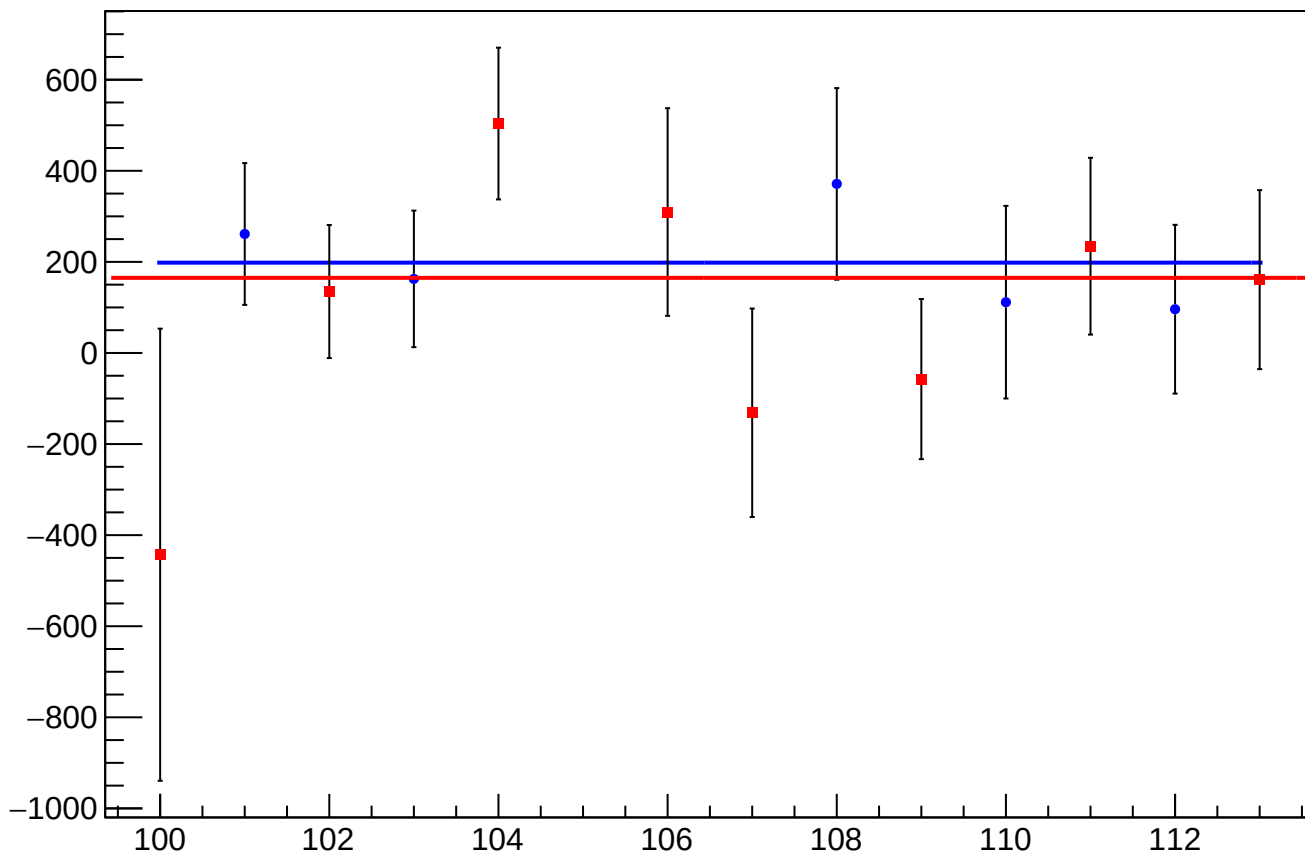
Right: 736.858+/-0.221 χ^2/NDF : 391260.2/12

In: 730.770+/-0.331 χ^2/NDF : 181451.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 736.858+/-0.221 χ^2/NDF : 391260.2/12

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: 164.954 $\pm$ 69.003 χ^2 /NDF: 9.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

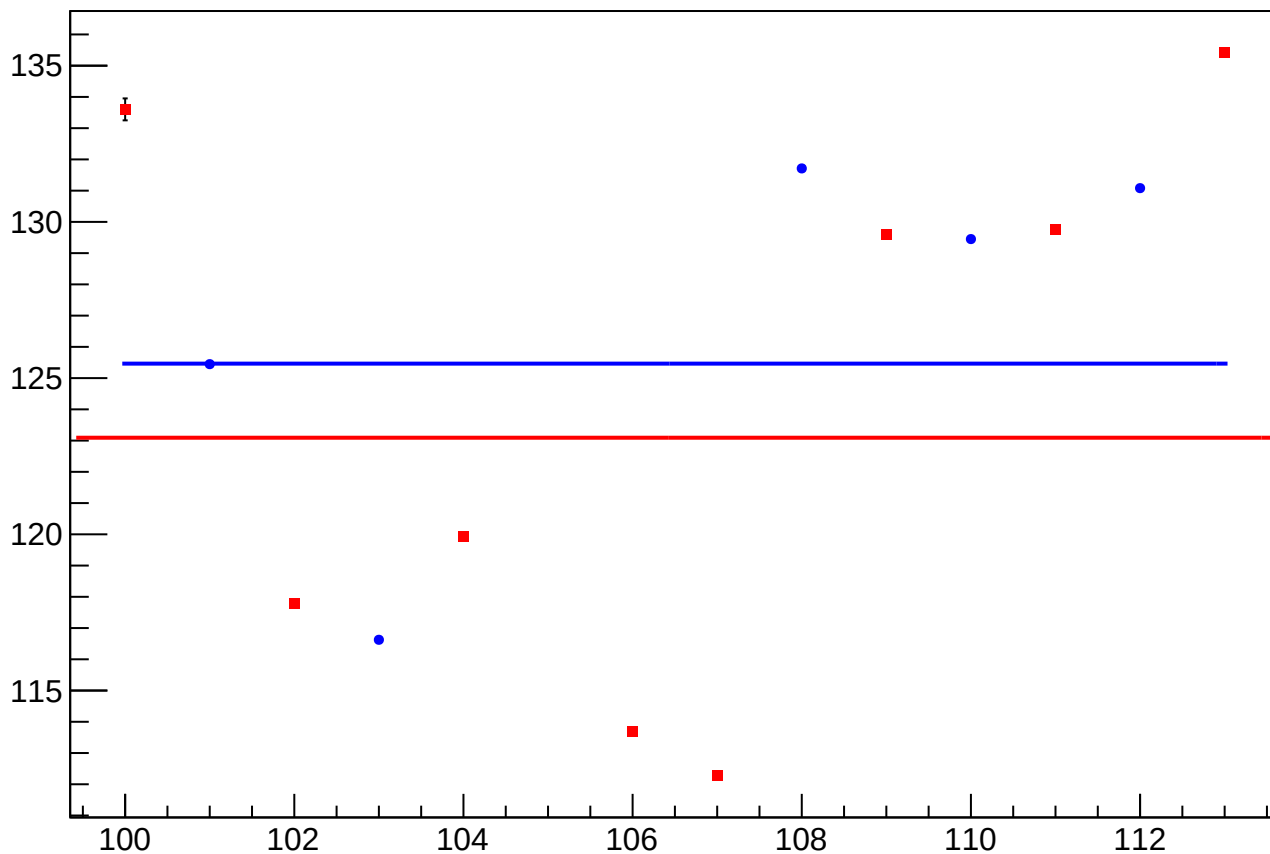
Right: 179.383 $\pm$ 51.996 χ^2 /NDF: 11.0/12

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: 179.383 $\pm$ 51.996 χ^2 /NDF: 11.0/12

cor_asym_sam1_rms vs Slug, Sign Corrected



Right In: 125.464 $\pm$ 0.056 χ^2 /NDF: 11266.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 123.092 $\pm$ 0.049 χ^2 /NDF: 25108.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

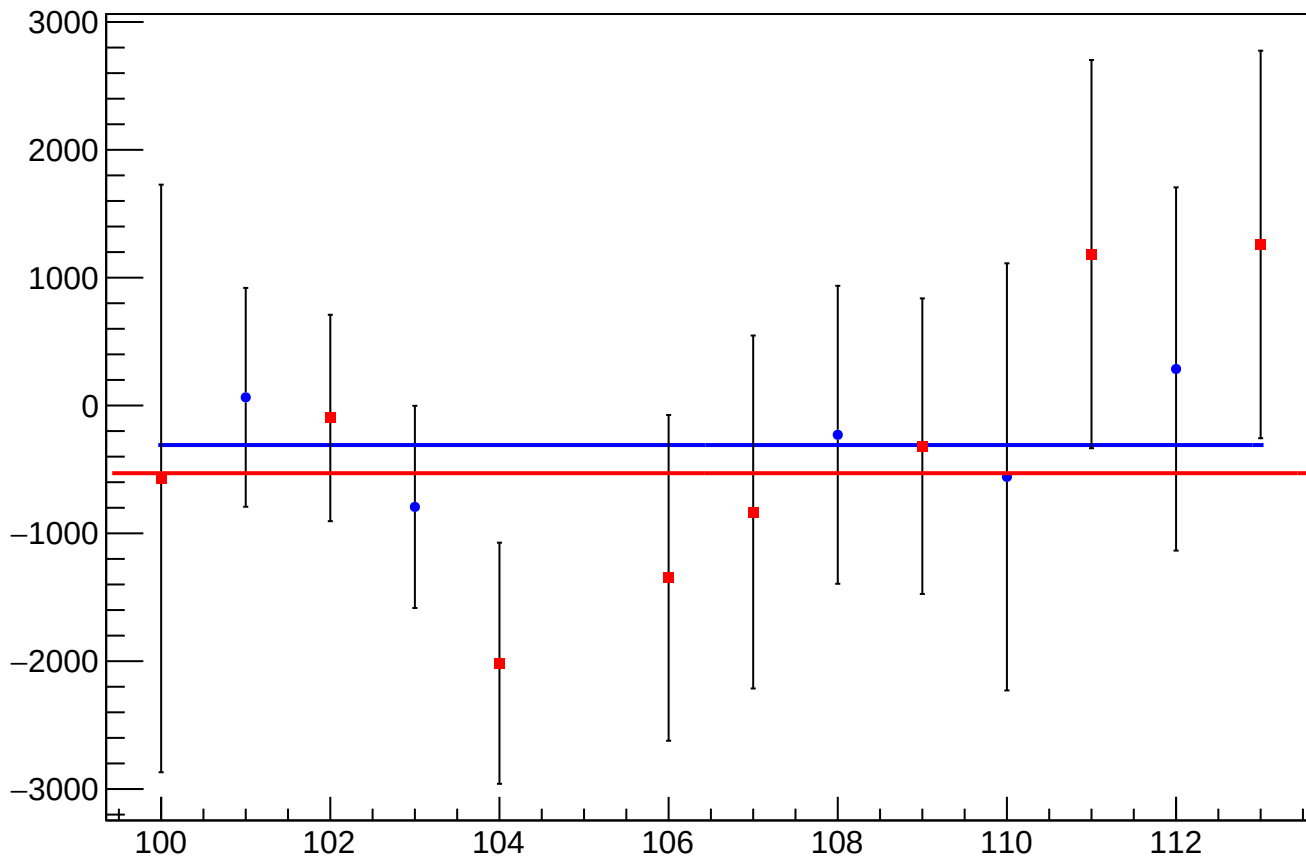
Right: 124.117 $\pm$ 0.037 χ^2 /NDF: 37395.8/12

In: 125.464 $\pm$ 0.056 χ^2 /NDF:11266.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 124.117 $\pm$ 0.037 χ^2 /NDF: 37395.8/12

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: -529.417+/-422.346 χ^2/NDF : 5.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

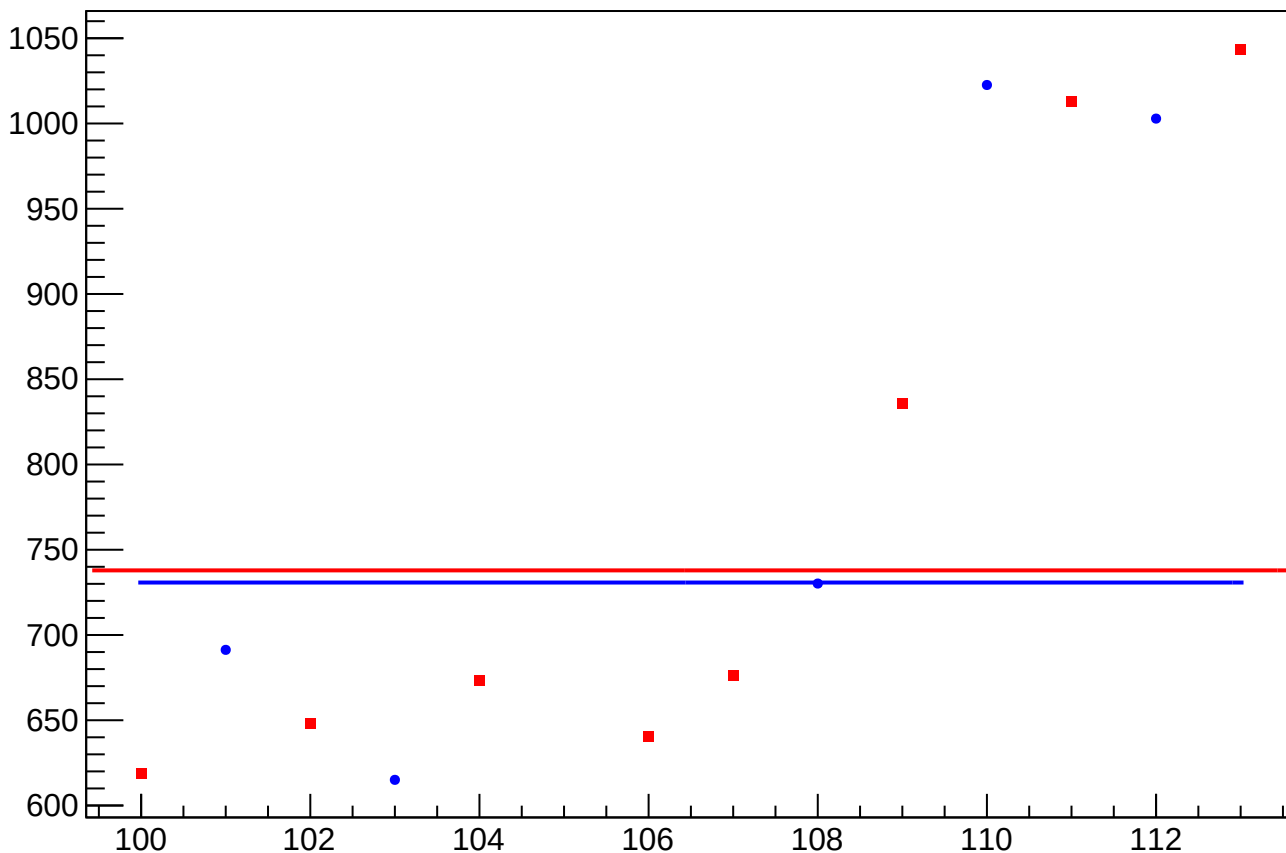
Right: -430.742+/-313.731 χ^2/NDF : 6.8/12

In: -309.262+/-468.618 χ^2/NDF : 0.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -430.742+/-313.731 χ^2/NDF : 6.8/12

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: 737.895+/-0.299 χ^2/NDF : 216632.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

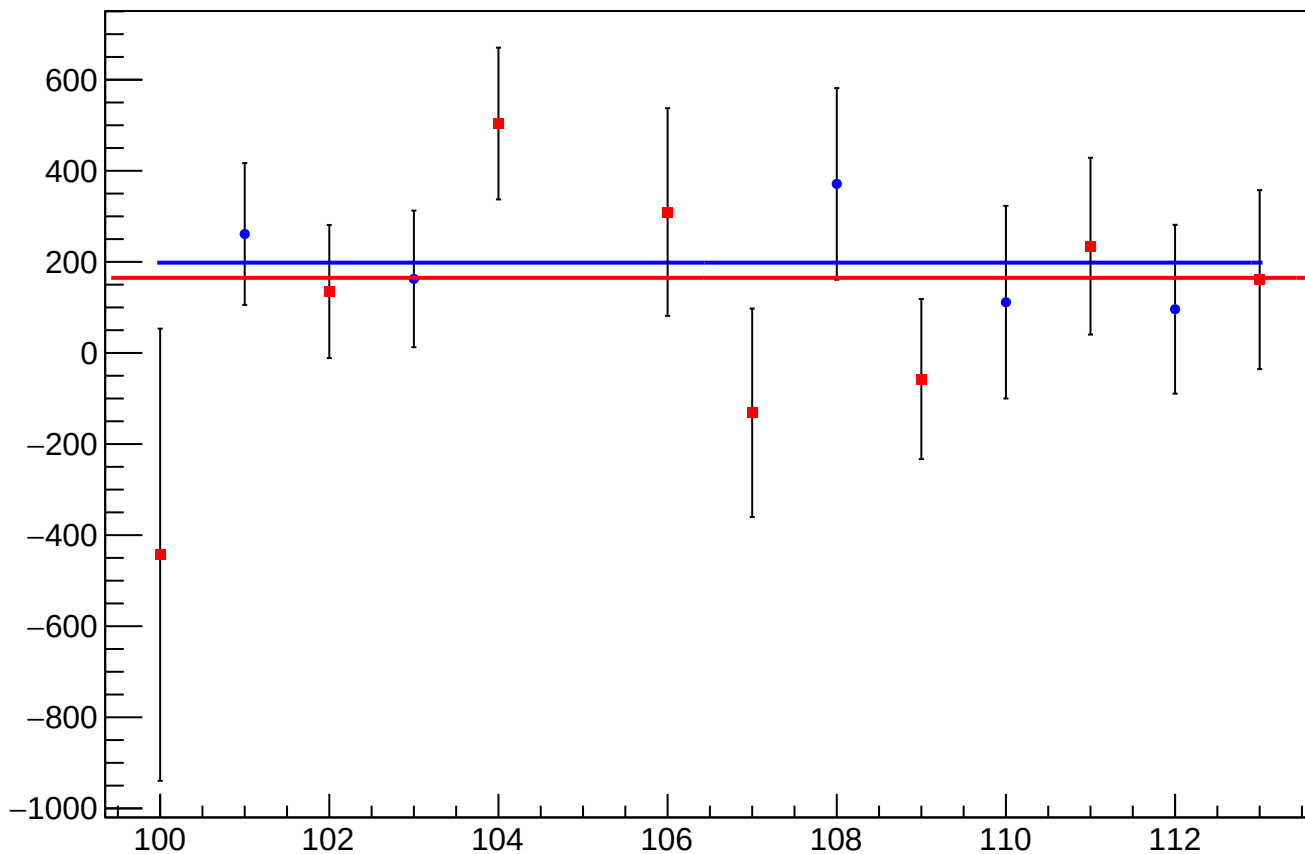
Right: 734.701+/-0.222 χ^2/NDF : 398343.9/12

In: 730.768+/-0.331 χ^2/NDF : 181456.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 734.701+/-0.222 χ^2/NDF : 398343.9/12

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: 164.954 $\pm$ 69.003 χ^2 /NDF: 9.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

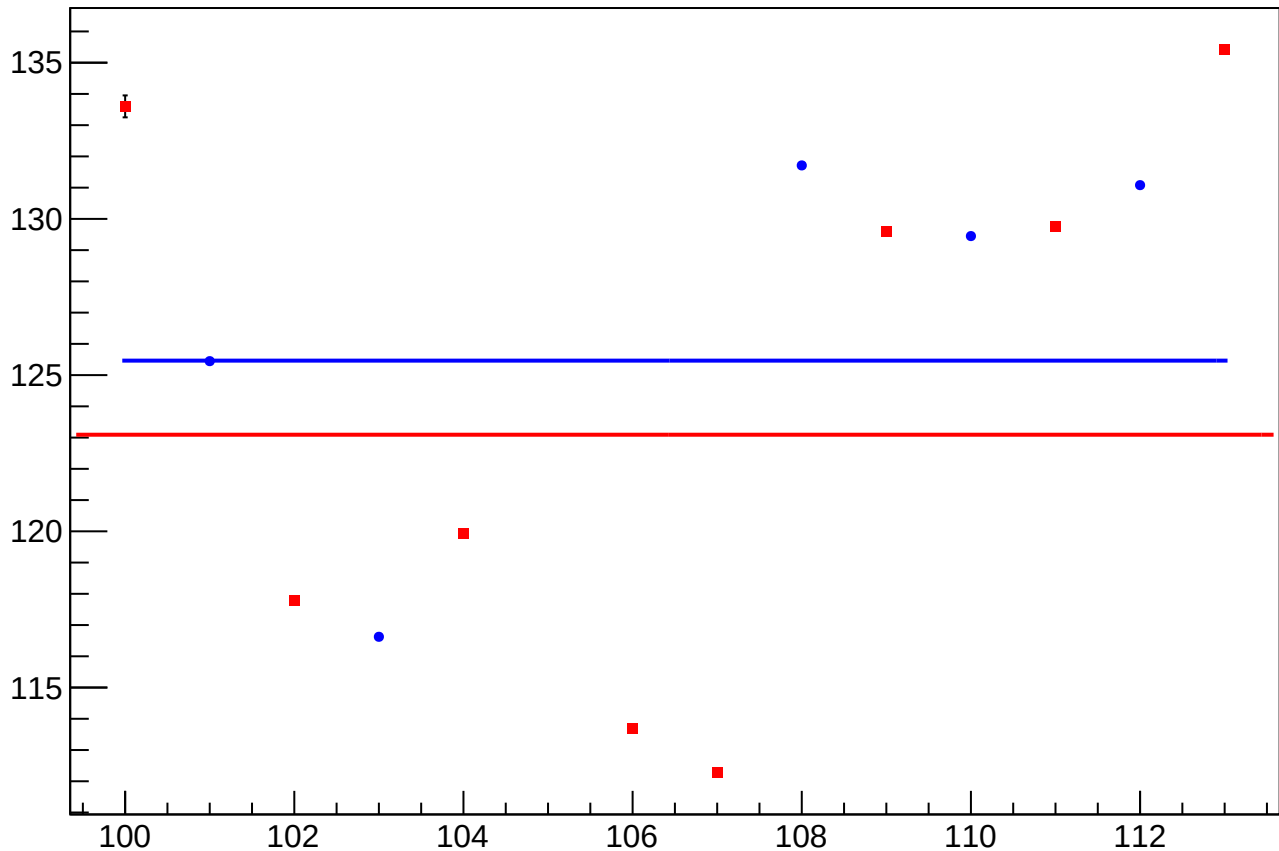
Right: 179.383 $\pm$ 51.996 χ^2 /NDF: 11.0/12

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: 179.383 $\pm$ 51.996 χ^2 /NDF: 11.0/12

eigen_cor_asym_sam1_rms vs Slug, Sign Corrected



Right In: 125.464 $\pm$ 0.056 χ^2 /NDF: 11266.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 123.092 $\pm$ 0.049 χ^2 /NDF: 25108.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

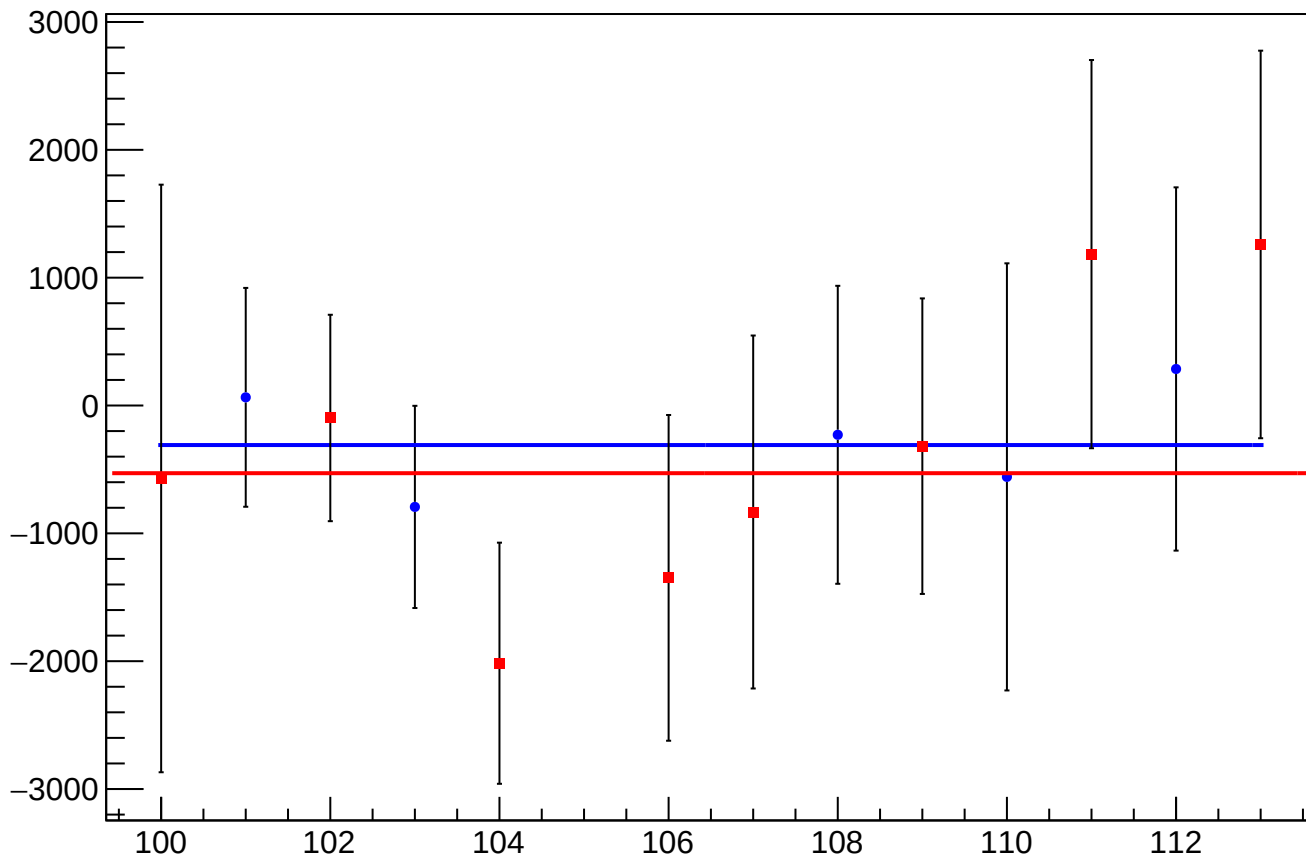
Right: 124.117 $\pm$ 0.037 χ^2 /NDF: 37395.8/12

In: 125.464 $\pm$ 0.056 χ^2 /NDF:11266.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 124.117 $\pm$ 0.037 χ^2 /NDF: 37395.8/12

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: -529.417+/-422.346 χ^2/NDF : 5.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

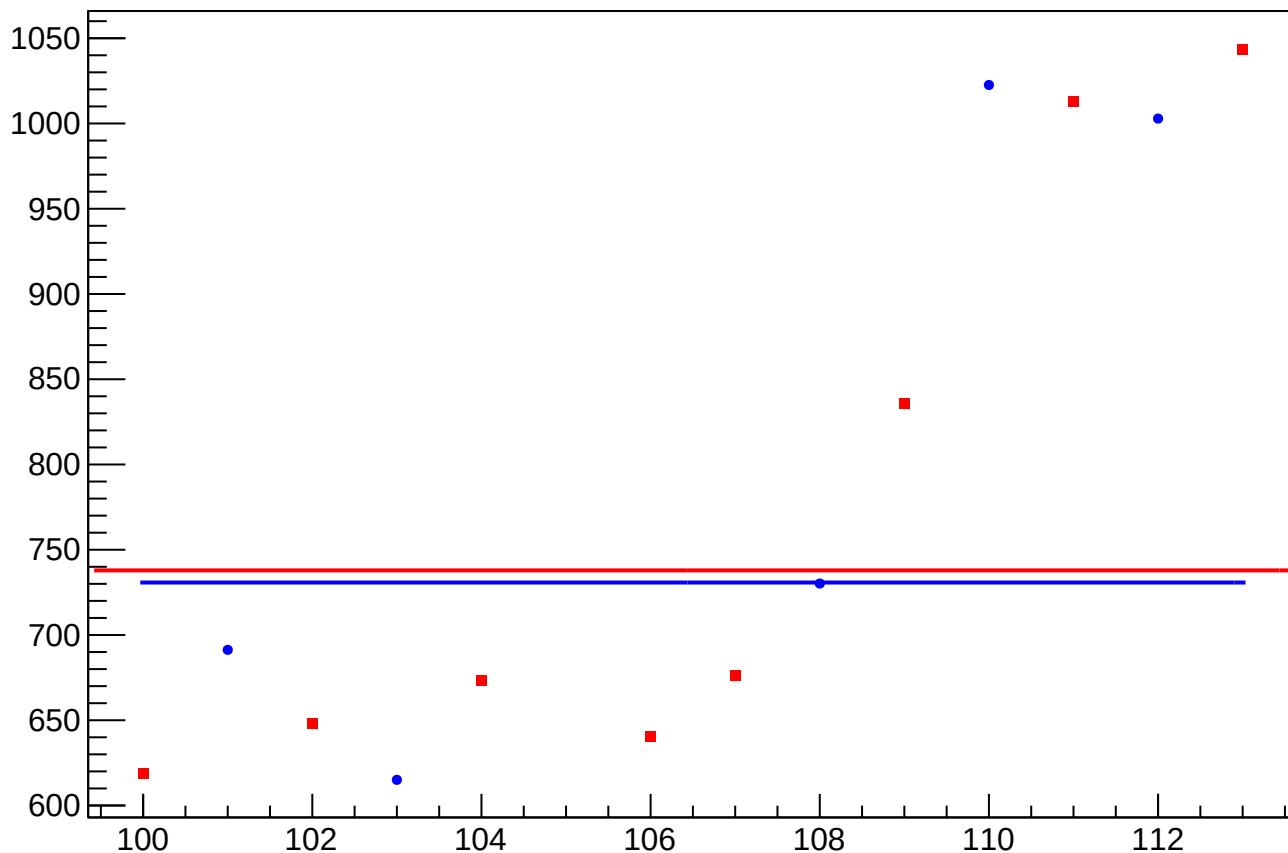
Right: -430.742+/-313.731 χ^2/NDF : 6.8/12

In: -309.262+/-468.618 χ^2/NDF : 0.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -430.742+/-313.731 χ^2/NDF : 6.8/12

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: 737.895+/-0.299 χ^2/NDF : 216632.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

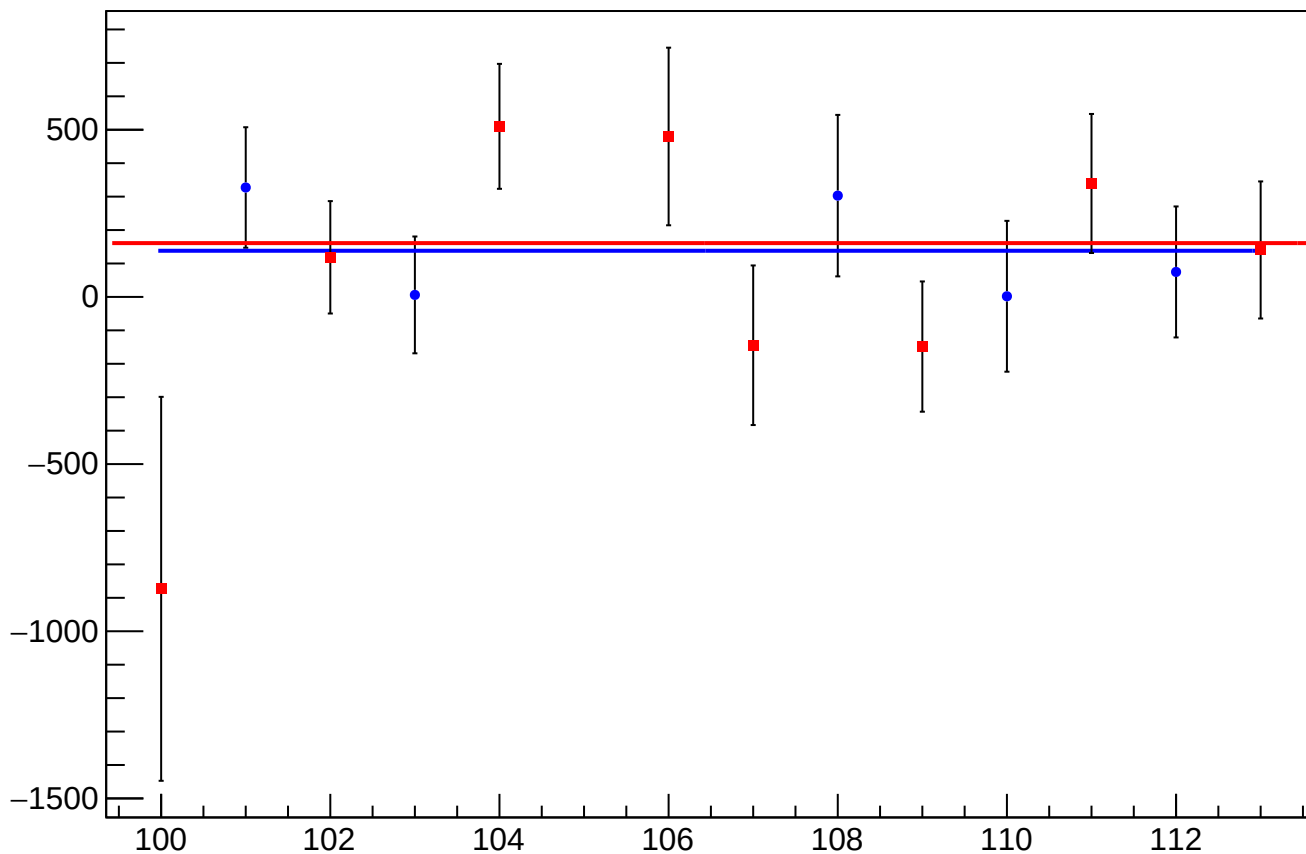
Right: 734.701+/-0.222 χ^2/NDF : 398343.9/12

In: 730.768+/-0.331 χ^2/NDF : 181456.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 734.701+/-0.222 χ^2/NDF : 398343.9/12

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: 160.954 $\pm$ 76.235 χ^2 /NDF: 13.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

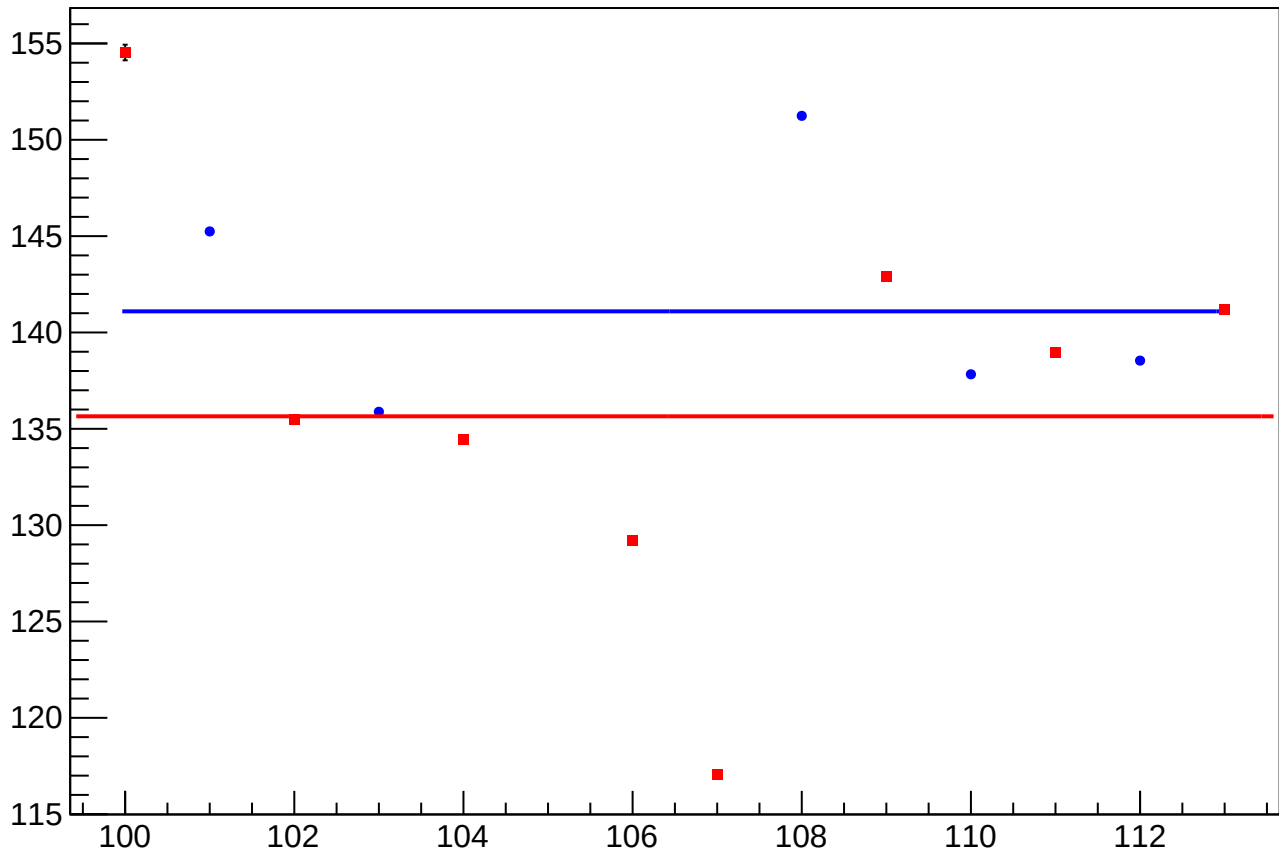
Right: 151.259 $\pm$ 57.883 χ^2 /NDF: 15.8/12

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: 151.259 $\pm$ 57.883 χ^2 /NDF: 15.8/12

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: 135.649 $\pm$ 0.054 χ^2 /NDF: 20292.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

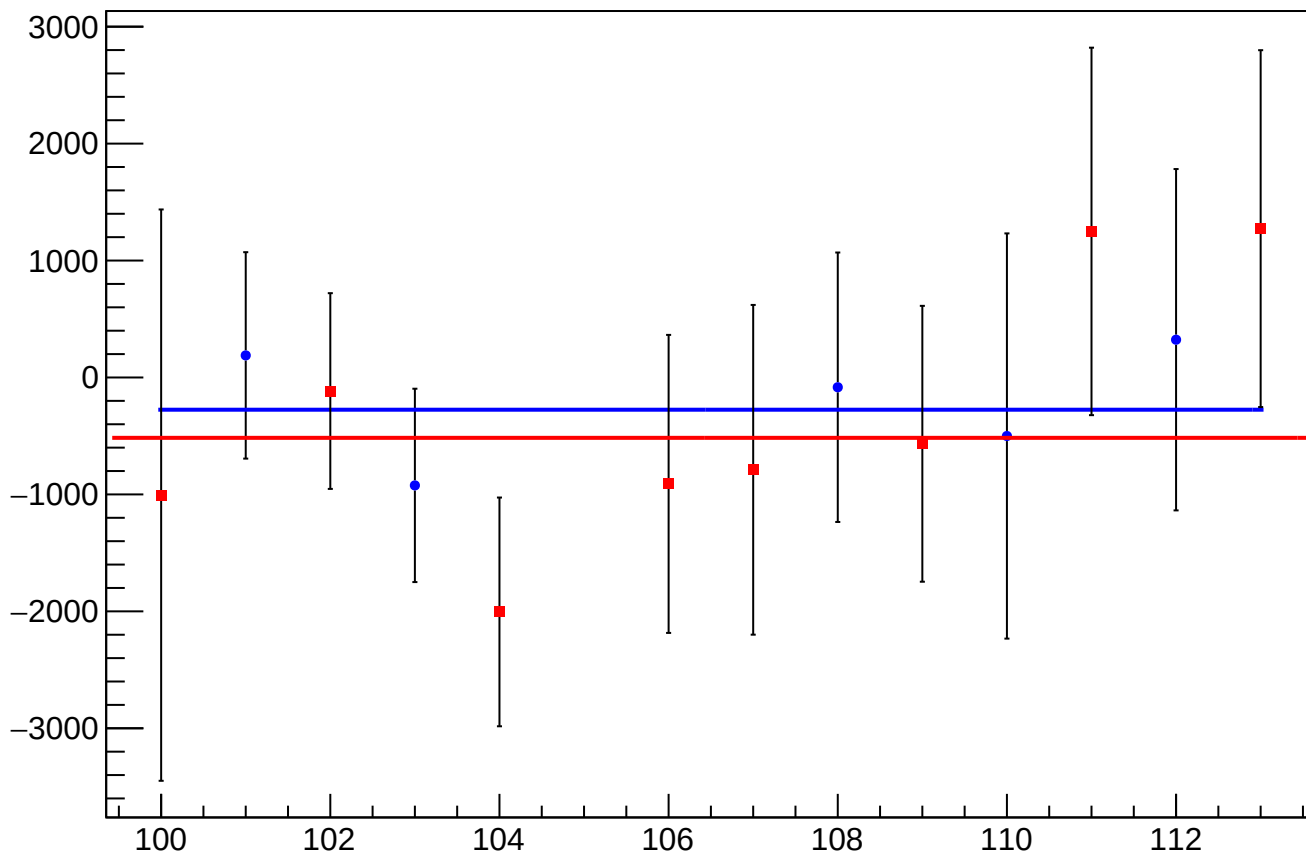
Right: 137.956 $\pm$ 0.041 χ^2 /NDF: 31748.1/12

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: 137.956 $\pm$ 0.041 χ^2 /NDF: 31748.1/12

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: -516.164+/-433.873 χ^2/NDF : 5.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

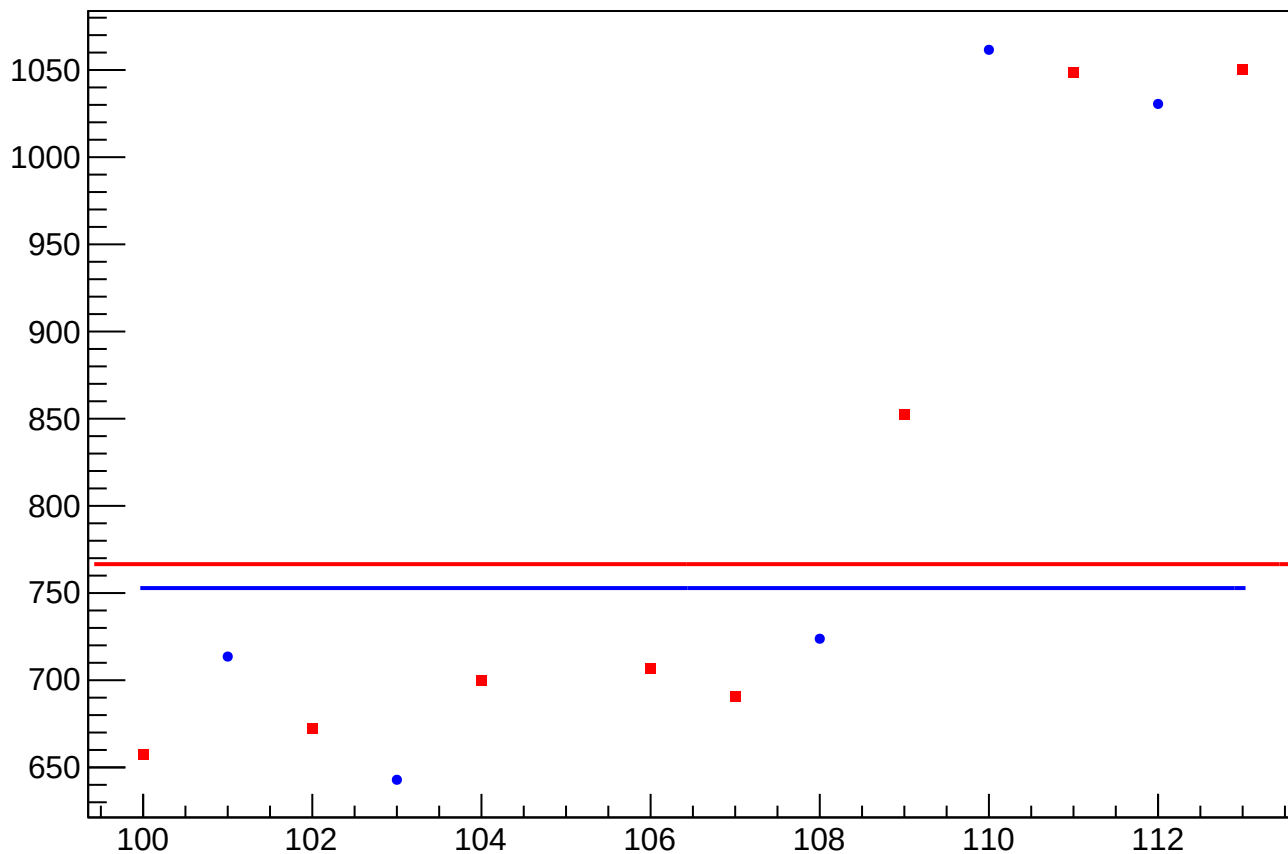
Right: -408.525+/-322.506 χ^2/NDF : 6.6/12

In: -275.618+/-482.118 χ^2/NDF : 1.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -408.525+/-322.506 χ^2/NDF : 6.6/12

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: 766.572+/-0.307 χ^2/NDF : 192974.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

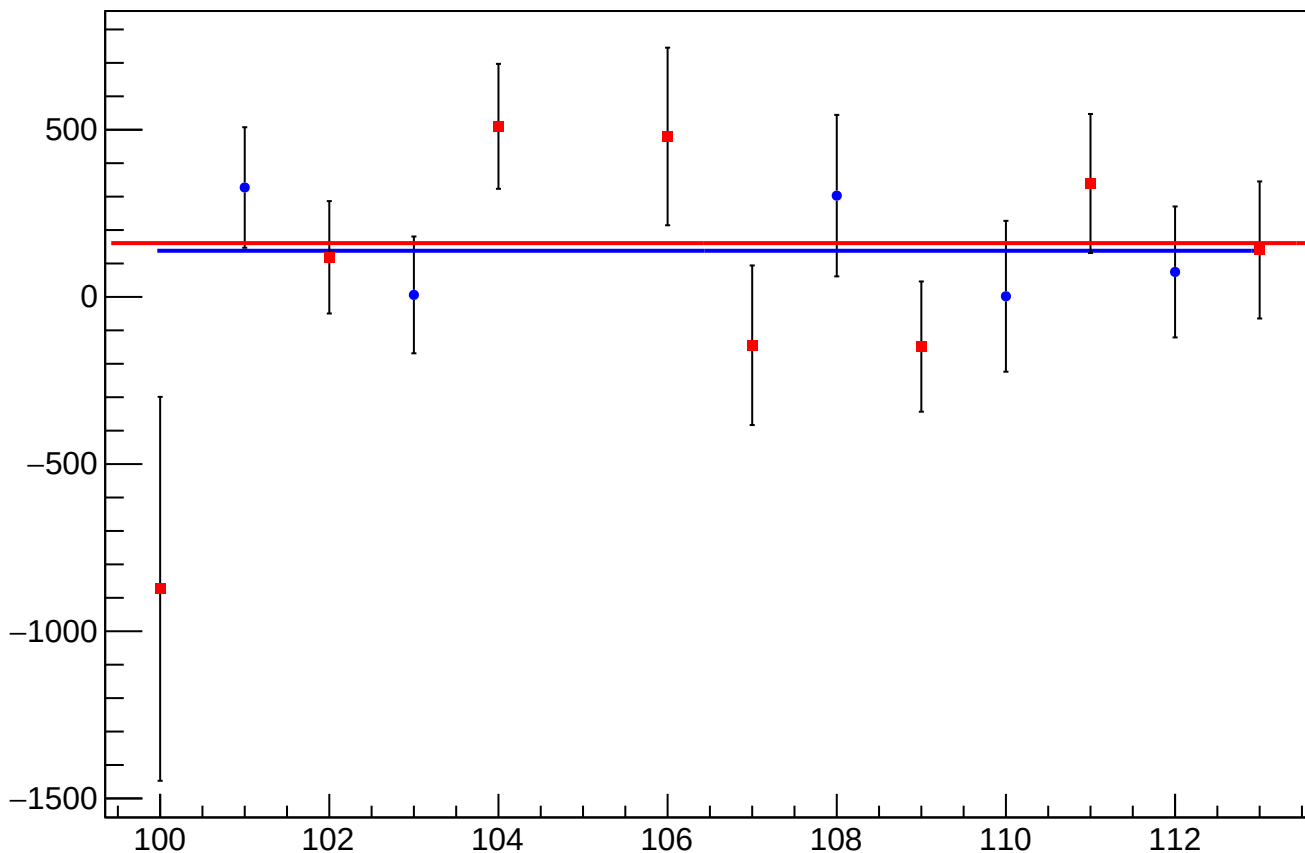
Right: 760.433+/-0.228 χ^2/NDF : 370365.7/12

In: 752.854+/-0.341 χ^2/NDF :176496.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 760.433+/-0.228 χ^2/NDF : 370365.7/12

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: 160.953 $\pm$ 76.235 χ^2 /NDF: 13.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

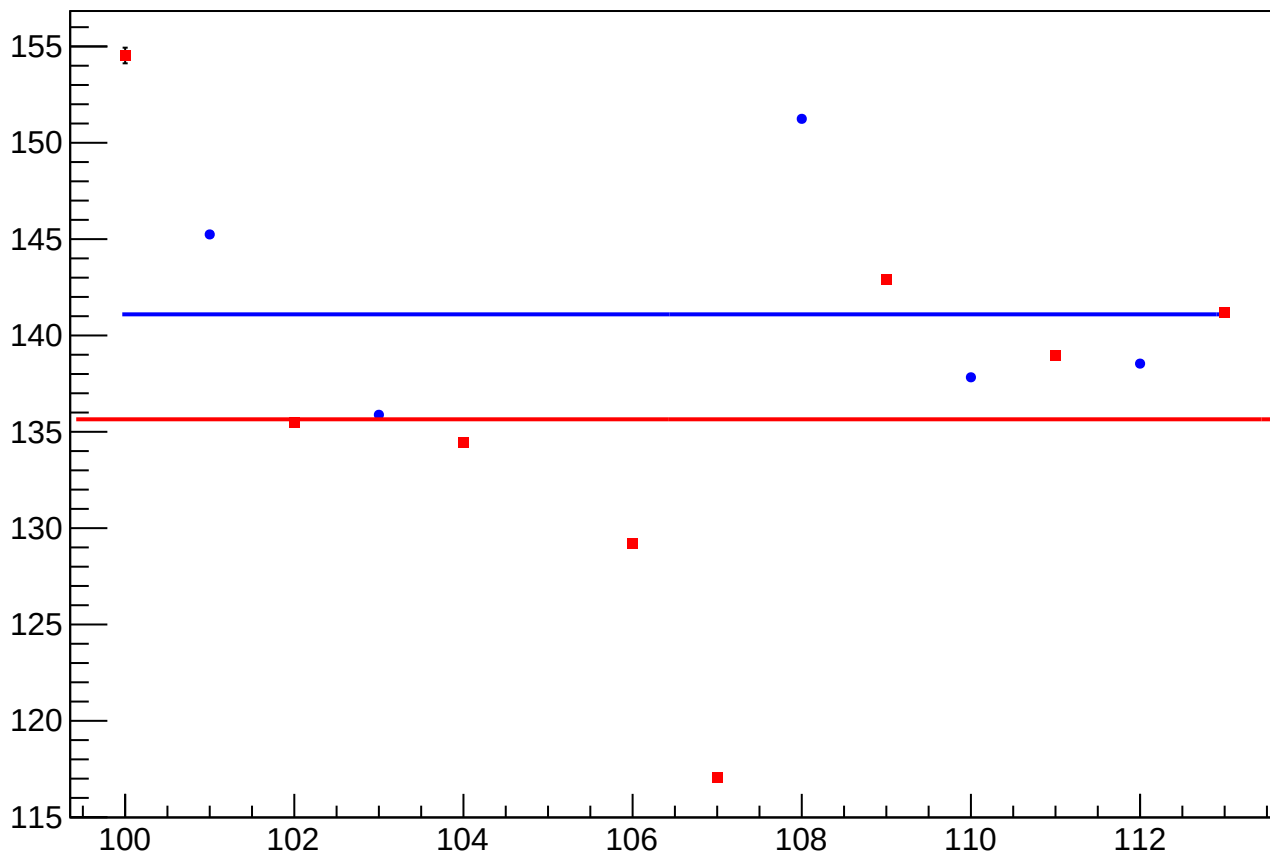
Right: 151.258 $\pm$ 57.883 χ^2 /NDF: 15.8/12

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: 151.258 $\pm$ 57.883 χ^2 /NDF: 15.8/12

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: 135.649 $\pm$ 0.054 χ^2 /NDF: 20292.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

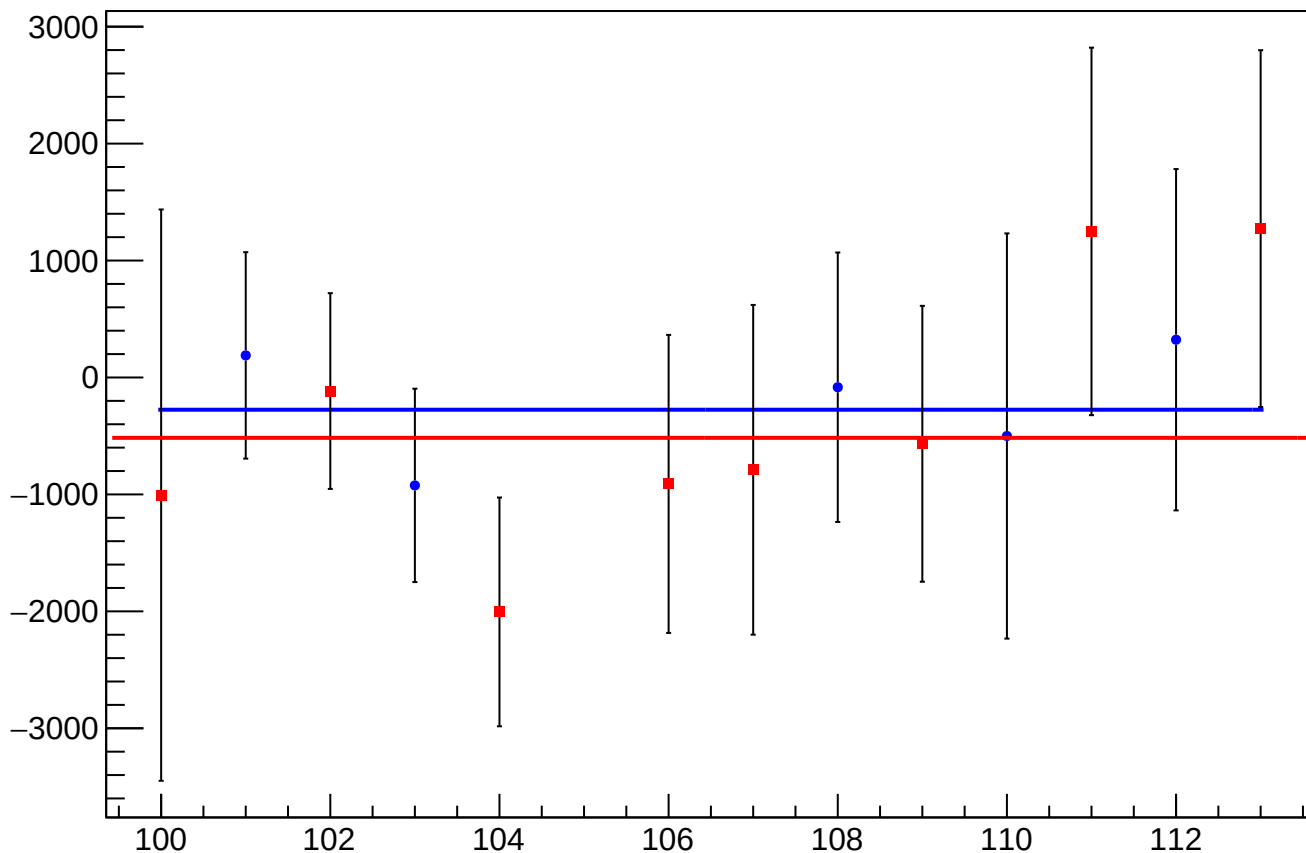
Right: 137.956 $\pm$ 0.041 χ^2 /NDF: 31747.8/12

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: 137.956 $\pm$ 0.041 χ^2 /NDF: 31747.8/12

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: -516.164+/-433.873 χ^2/NDF : 5.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

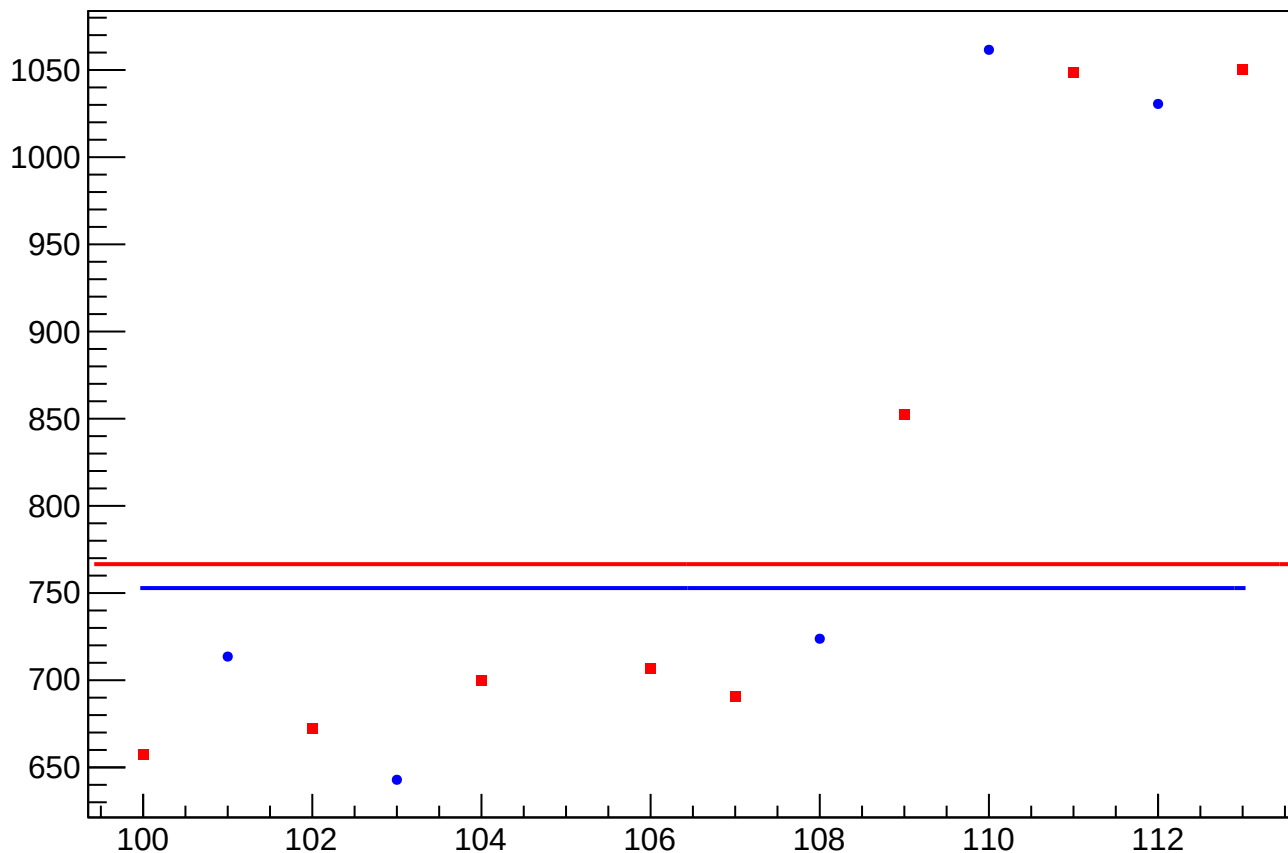
Right: -408.525+/-322.506 χ^2/NDF : 6.6/12

In: -275.618+/-482.117 χ^2/NDF : 1.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -408.525+/-322.506 χ^2/NDF : 6.6/12

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: 766.571+/-0.307 χ^2/NDF : 192974.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

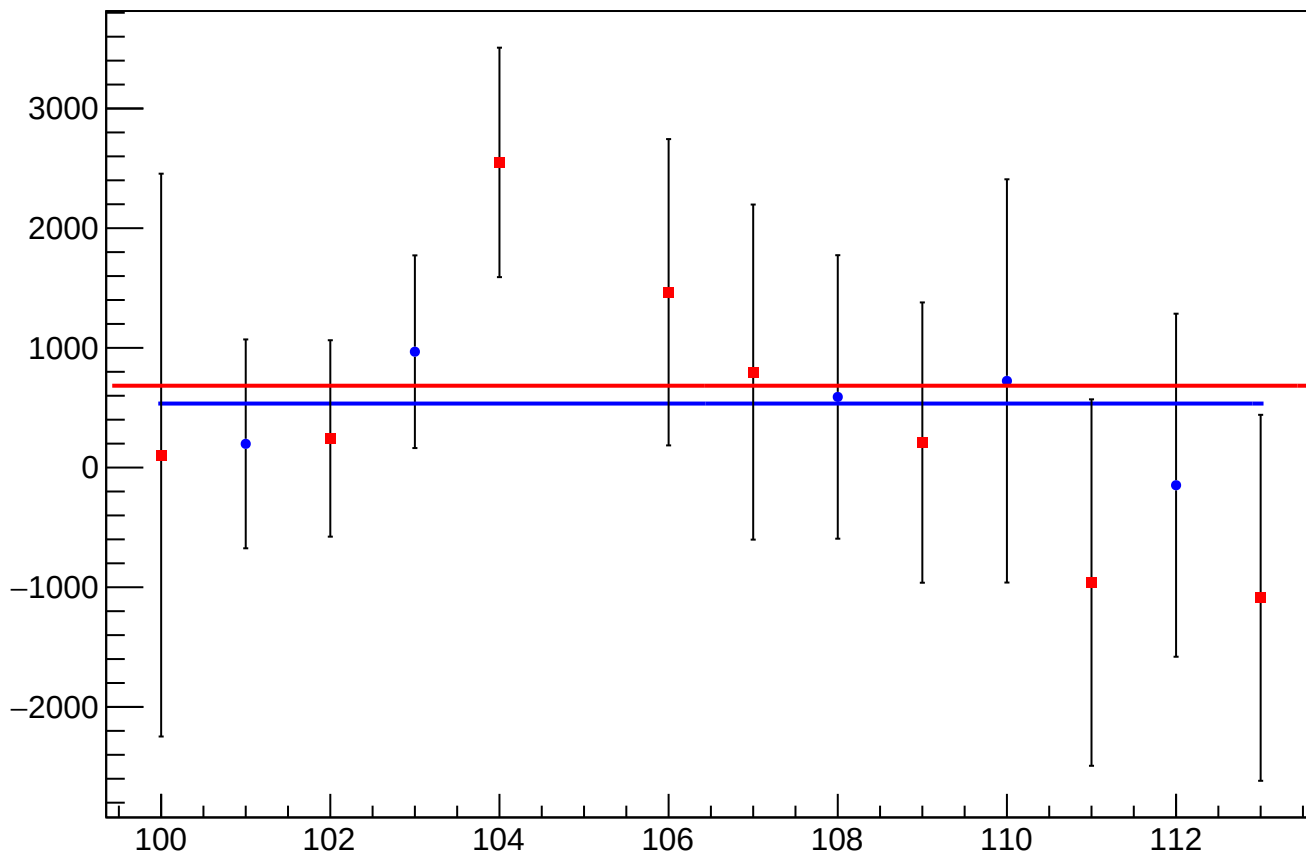
Right: 760.433+/-0.228 χ^2/NDF : 370365.1/12

In: 752.853+/-0.341 χ^2/NDF : 176496.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 760.433+/-0.228 χ^2/NDF : 370365.1/12

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: 683.814+/-427.999 χ^2/NDF : 7.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

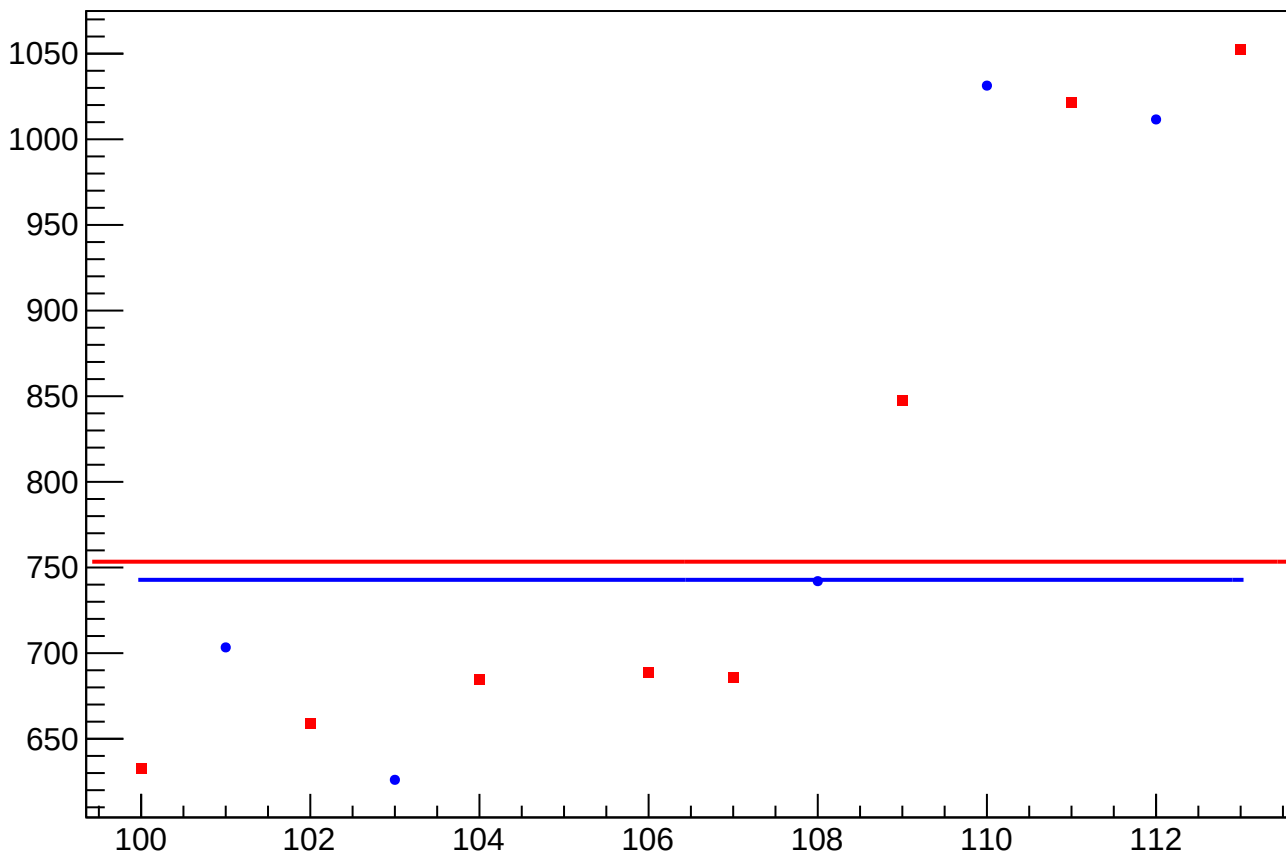
Right: 617.217+/-318.338 χ^2/NDF : 7.9/12

In: 534.757+/-476.254 χ^2/NDF : 0.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 617.217+/-318.338 χ^2/NDF : 7.9/12

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: 753.392+/-0.303 χ^2/NDF : 202623.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

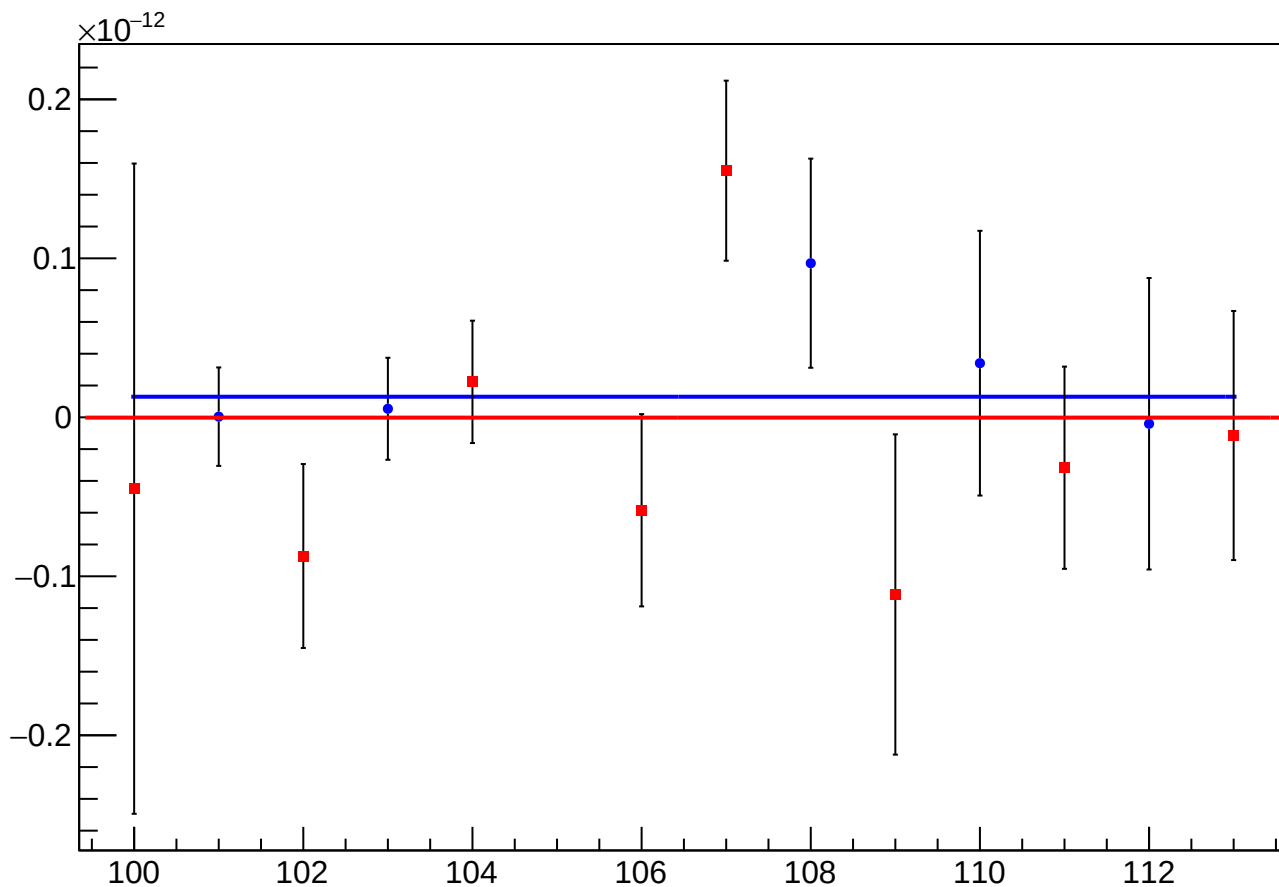
Right: 748.662+/-0.225 χ^2/NDF : 378362.0/12

In: 742.806+/-0.337 χ^2/NDF : 175192.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 748.662+/-0.225 χ^2/NDF : 378362.0/12

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 : 12.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

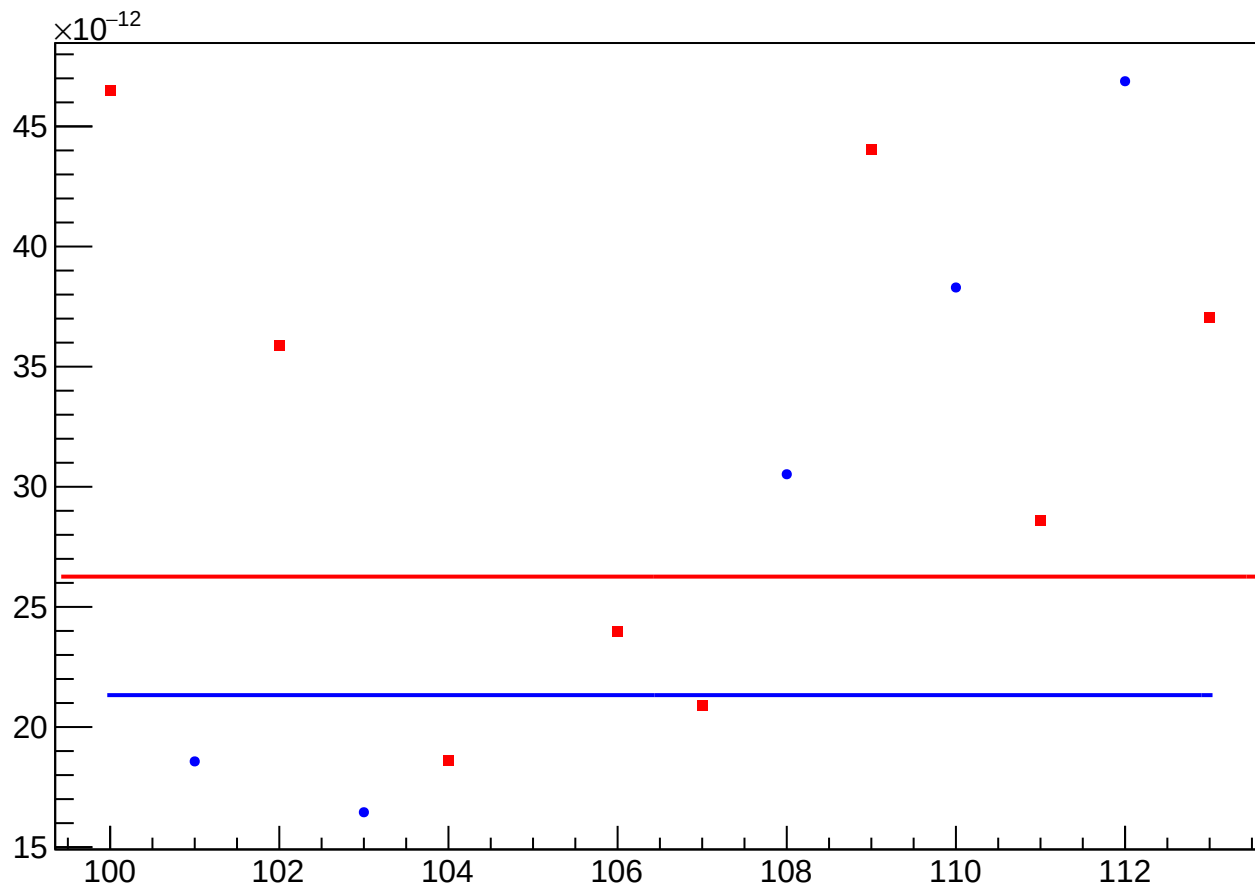
Right: 0.000+/-0.000 χ^2/NDF : 14.7/12

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 : 14.7/12

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 : 277827.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

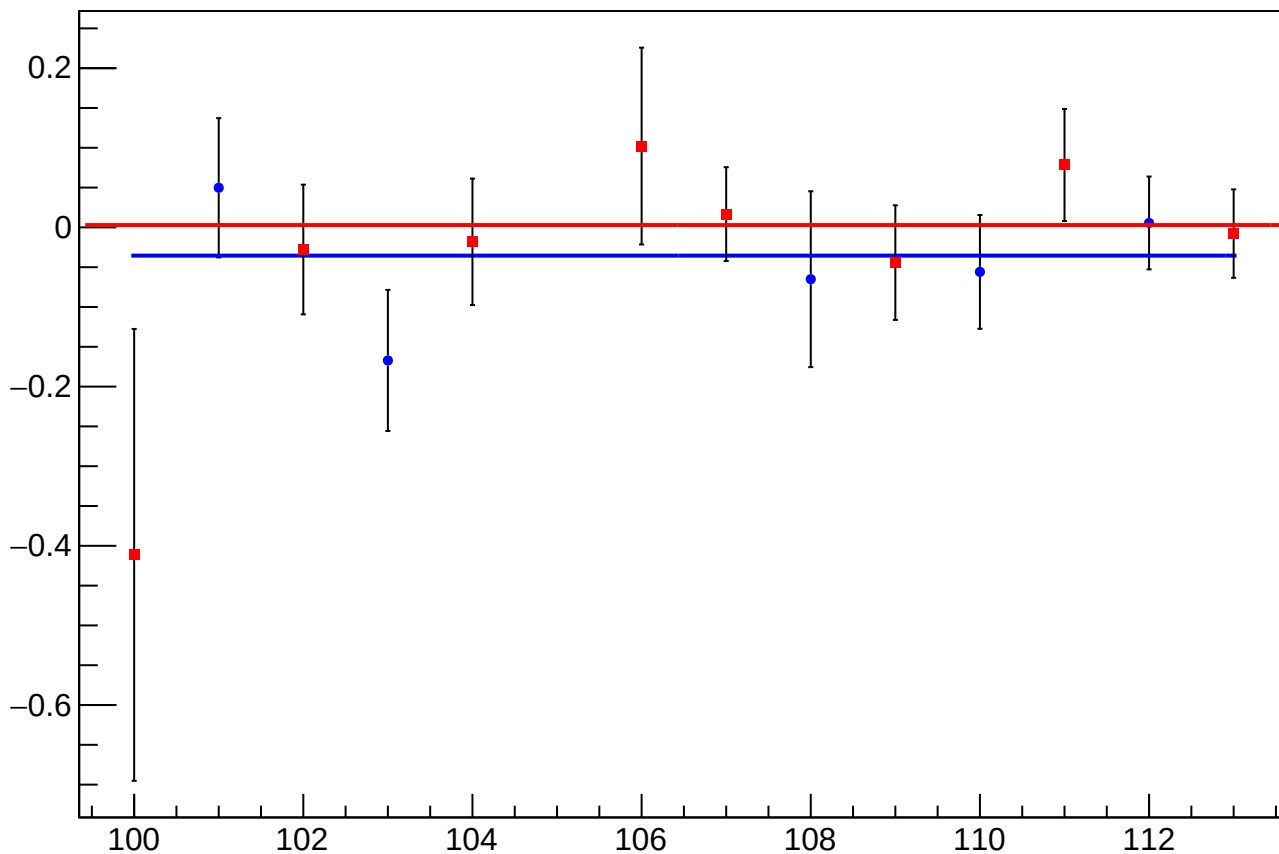
Right: 0.000+/-0.000 χ^2/NDF : 672931.1/12

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 : 672931.1/12

asym_sam1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.035 $\pm$ 0.035 χ^2/NDF : 3.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.003 $\pm$ 0.027 χ^2/NDF : 4.7/7

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

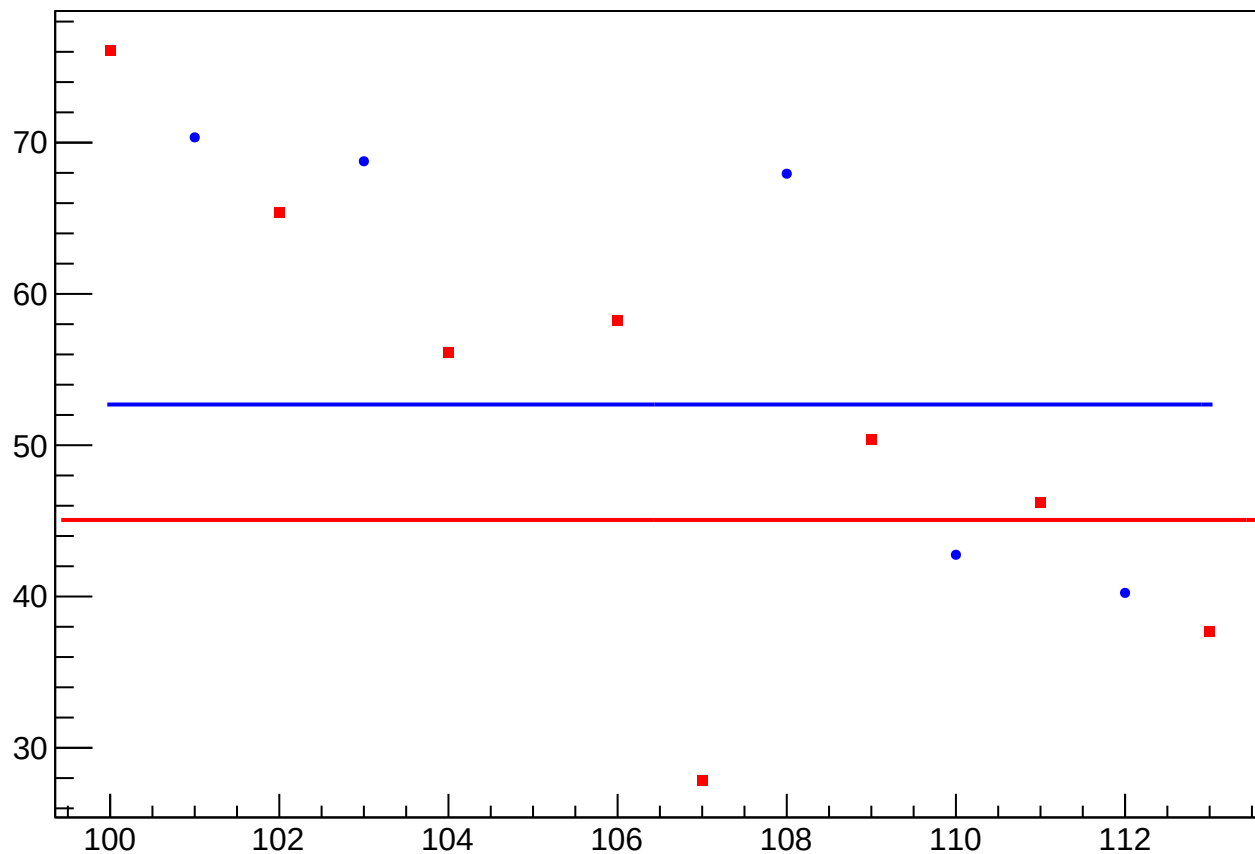
Right: -0.011 $\pm$ 0.021 χ^2/NDF : 9.2/12

In: -0.035 $\pm$ 0.035 χ^2/NDF : 3.8/4

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.011 $\pm$ 0.021 χ^2/NDF : 9.2/12

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: 45.060+/-0.019 χ^2/NDF : 426327.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

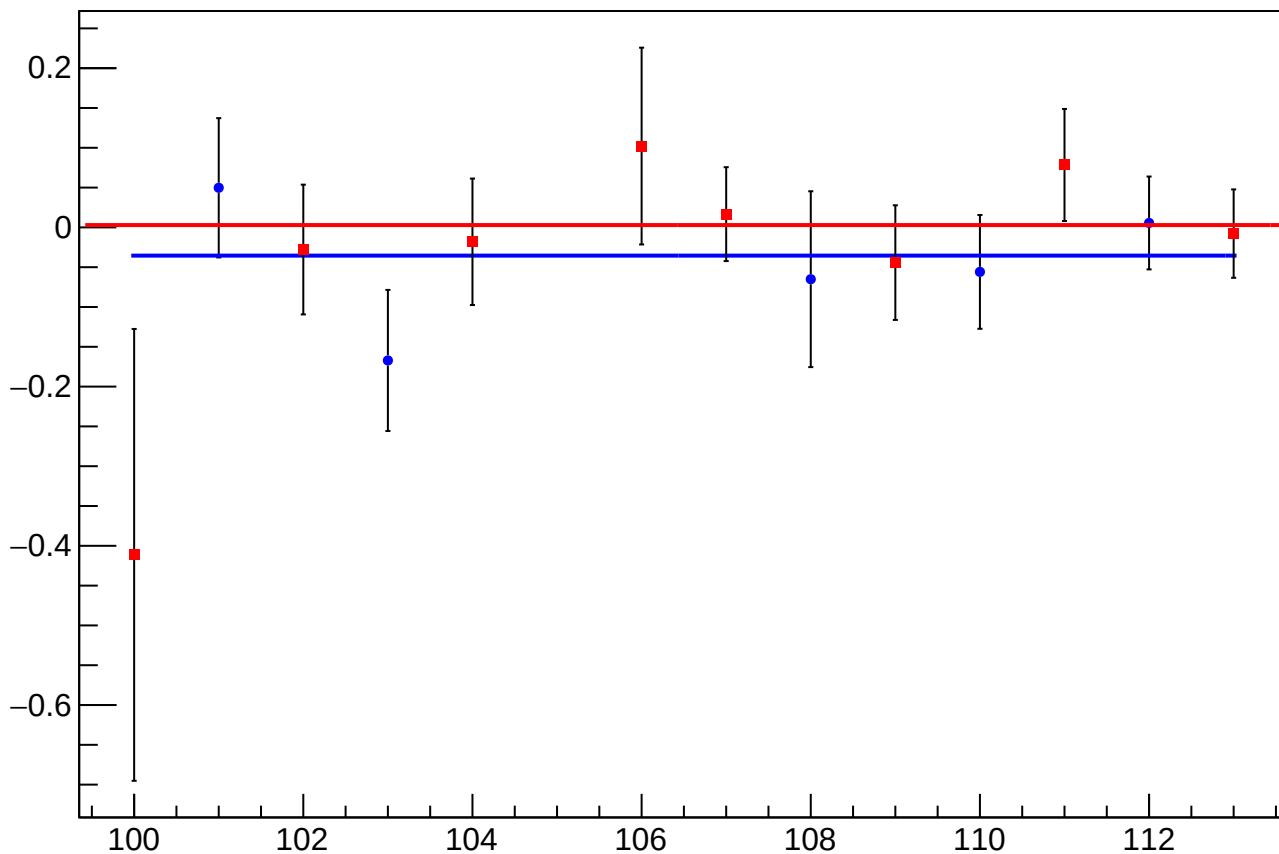
Right: 47.908+/-0.015 χ^2/NDF : 802113.7/12

In: 52.691+/-0.025 χ^2/NDF : 315218.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.908+/-0.015 χ^2/NDF : 802113.7/12

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: 0.003 ± 0.027 χ^2/NDF : 4.7/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

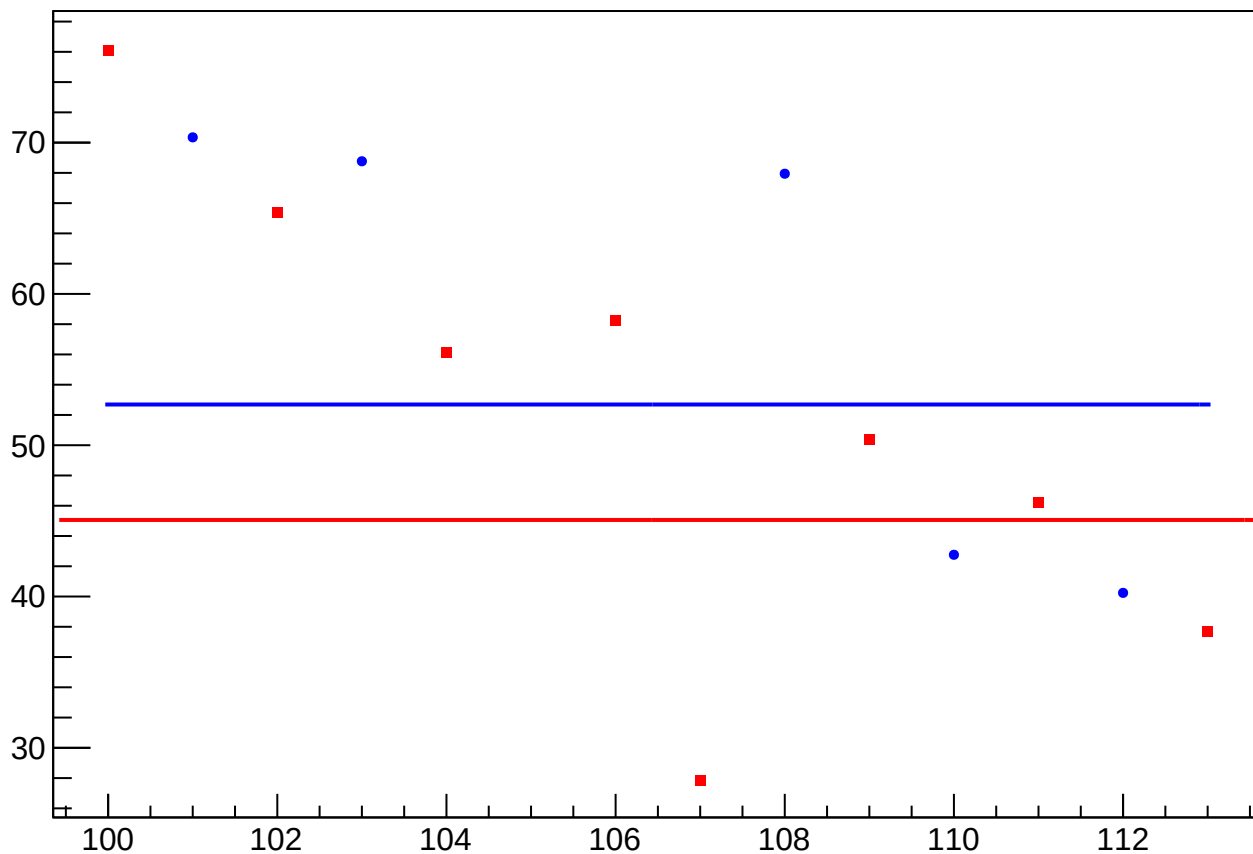
Right: -0.011 ± 0.021 χ^2/NDF : 9.2/12

In: -0.035 ± 0.035 χ^2/NDF : 3.8/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.021 χ^2/NDF : 9.2/12

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: 45.060+/-0.019 χ^2/NDF : 426327.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

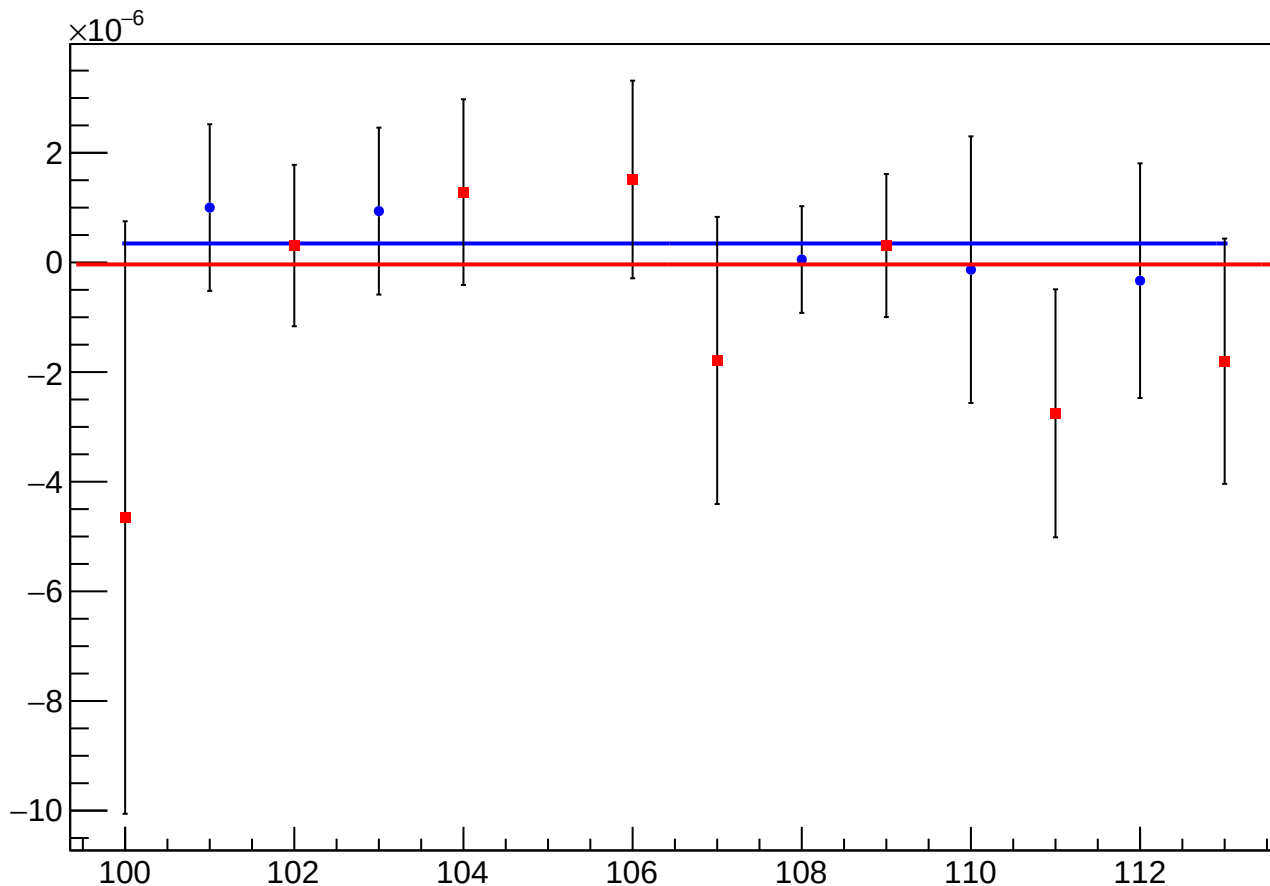
Right: 47.908+/-0.015 χ^2/NDF : 802113.7/12

In: 52.691+/-0.025 χ^2/NDF : 315218.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.908+/-0.015 χ^2/NDF : 802113.7/12

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 : 4.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

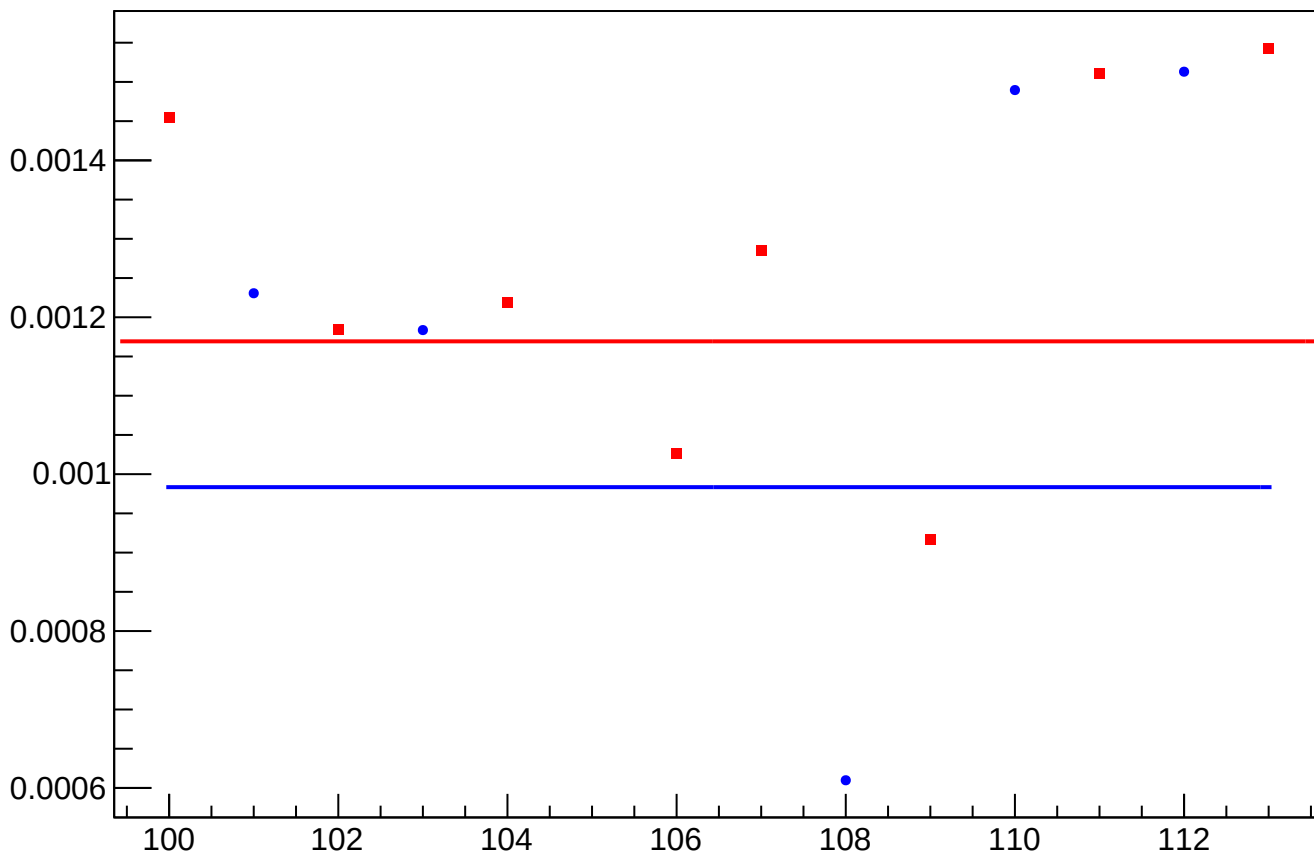
Right: 0.000+/-0.000 χ^2/NDF : 5.4/12

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 : 5.4/12

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 : 200225.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

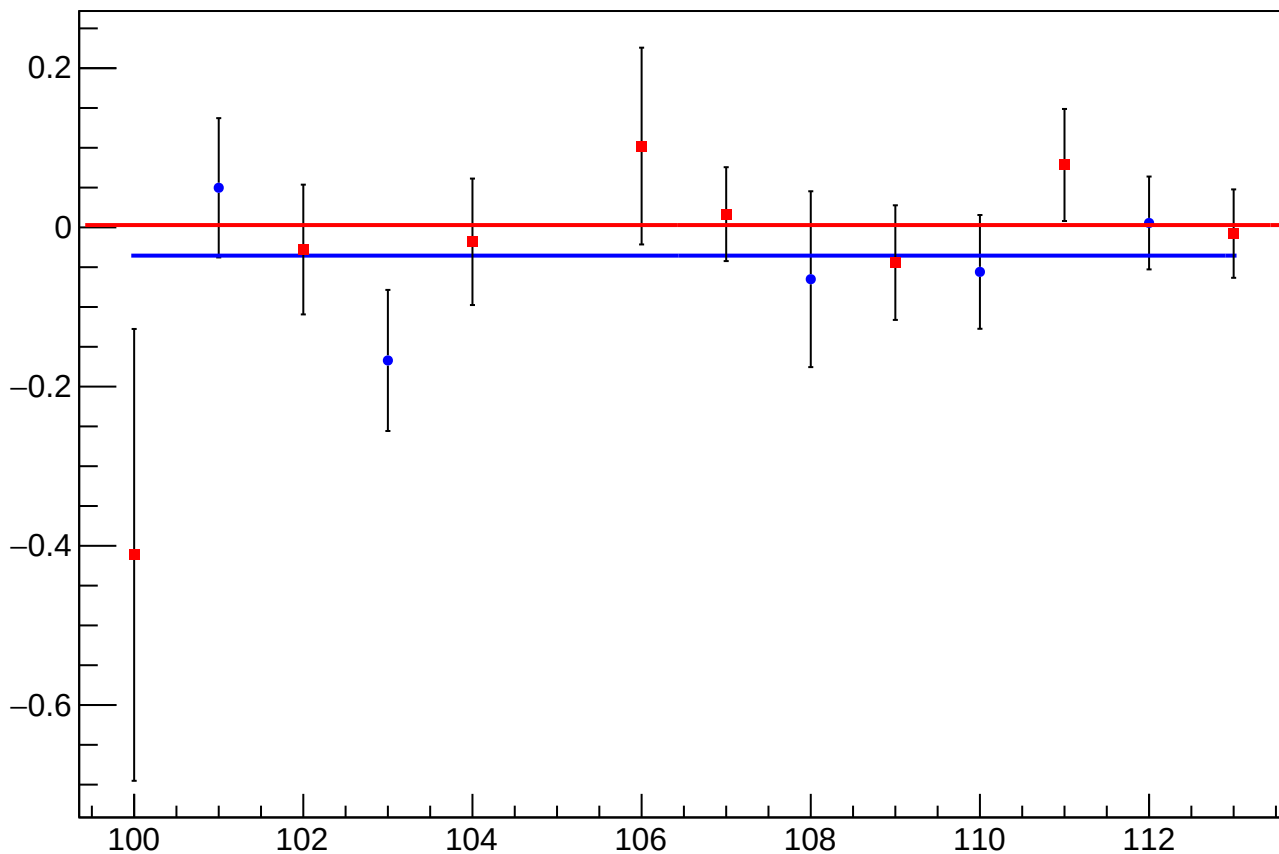
Right: 0.001+/-0.000 χ^2/NDF : 871013.2/12

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 : 871013.2/12

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: 0.003 ± 0.027 χ^2/NDF : 4.7/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

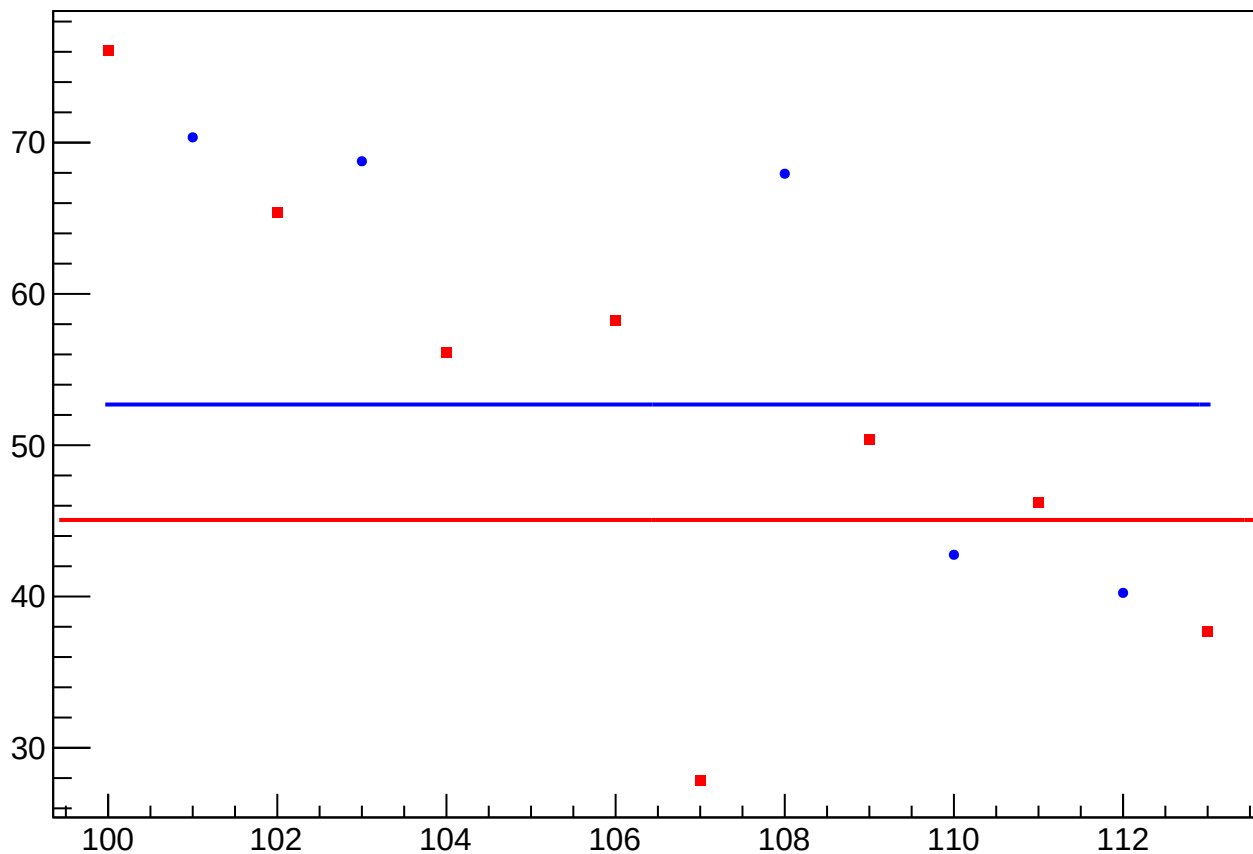
Right: -0.011 ± 0.021 χ^2/NDF : 9.2/12

In: -0.035 ± 0.035 χ^2/NDF : 3.8/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.021 χ^2/NDF : 9.2/12

asym_sam1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.690 $\pm$ 0.025 χ^2 /NDF: 315228.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 45.060 $\pm$ 0.019 χ^2 /NDF: 426328.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

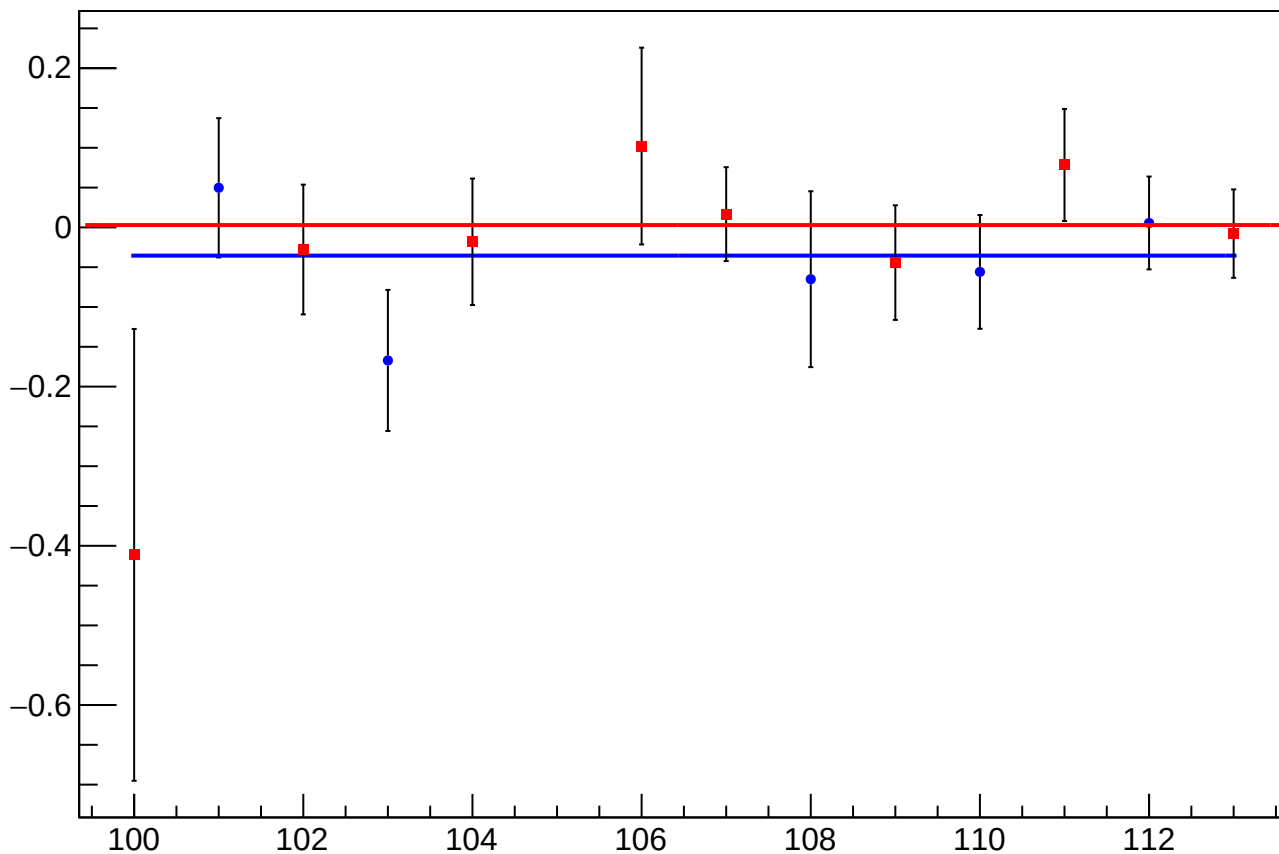
Right: 47.907 $\pm$ 0.015 χ^2 /NDF: 802123.6/12

In: 52.690 $\pm$ 0.025 χ^2 /NDF:315228.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 47.907 $\pm$ 0.015 χ^2 /NDF: 802123.6/12

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: 0.003+/-0.027 χ^2/NDF : 4.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

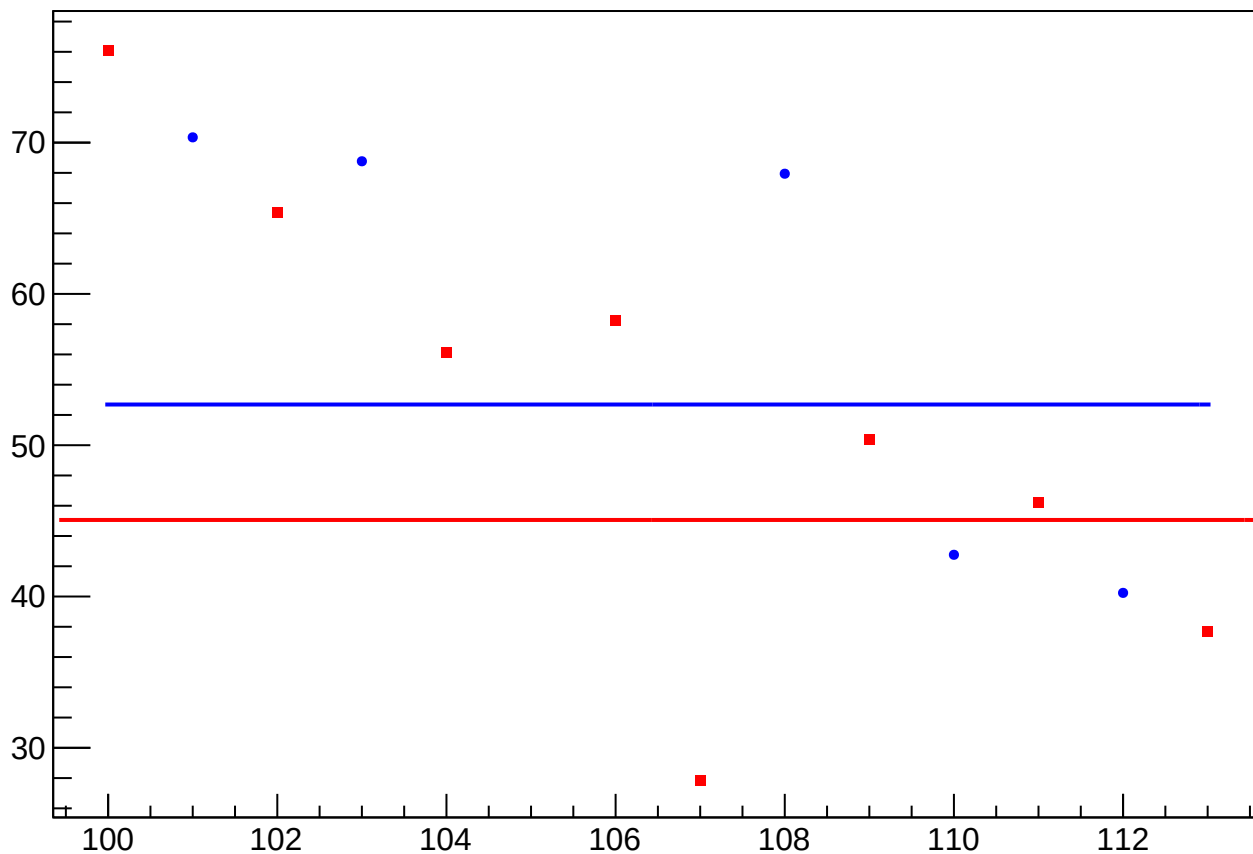
Right: -0.011+/-0.021 χ^2/NDF : 9.2/12

In: -0.035+/-0.035 χ^2/NDF : 3.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.021 χ^2/NDF : 9.2/12

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: 45.060+/-0.019 χ^2/NDF : 426328.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

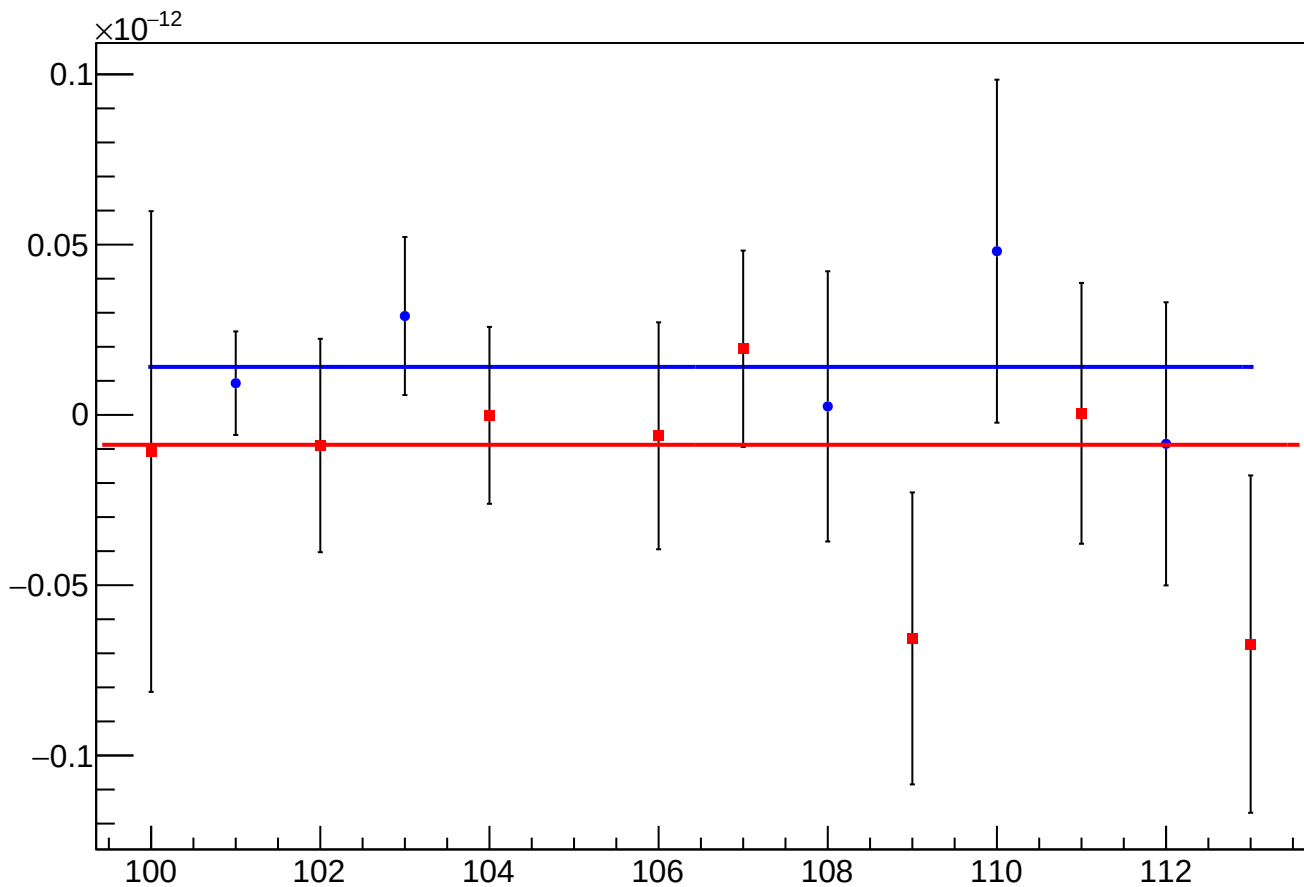
Right: 47.907+/-0.015 χ^2/NDF : 802123.6/12

In: 52.690+/-0.025 χ^2/NDF : 315228.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.907+/-0.015 χ^2/NDF : 802123.6/12

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 : 4.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

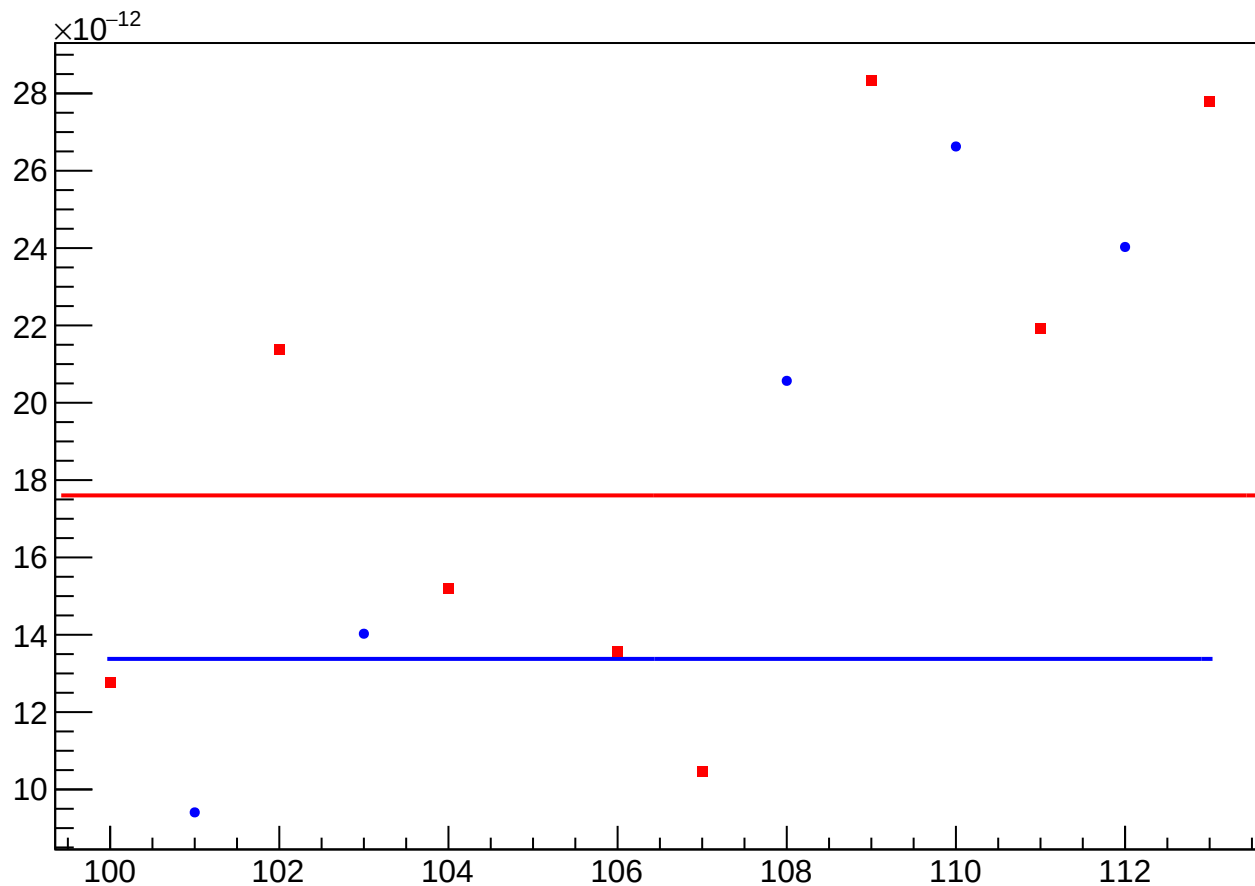
Right: 0.000+/-0.000 χ^2/NDF : 7.5/12

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 : 7.5/12

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 : 442078.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

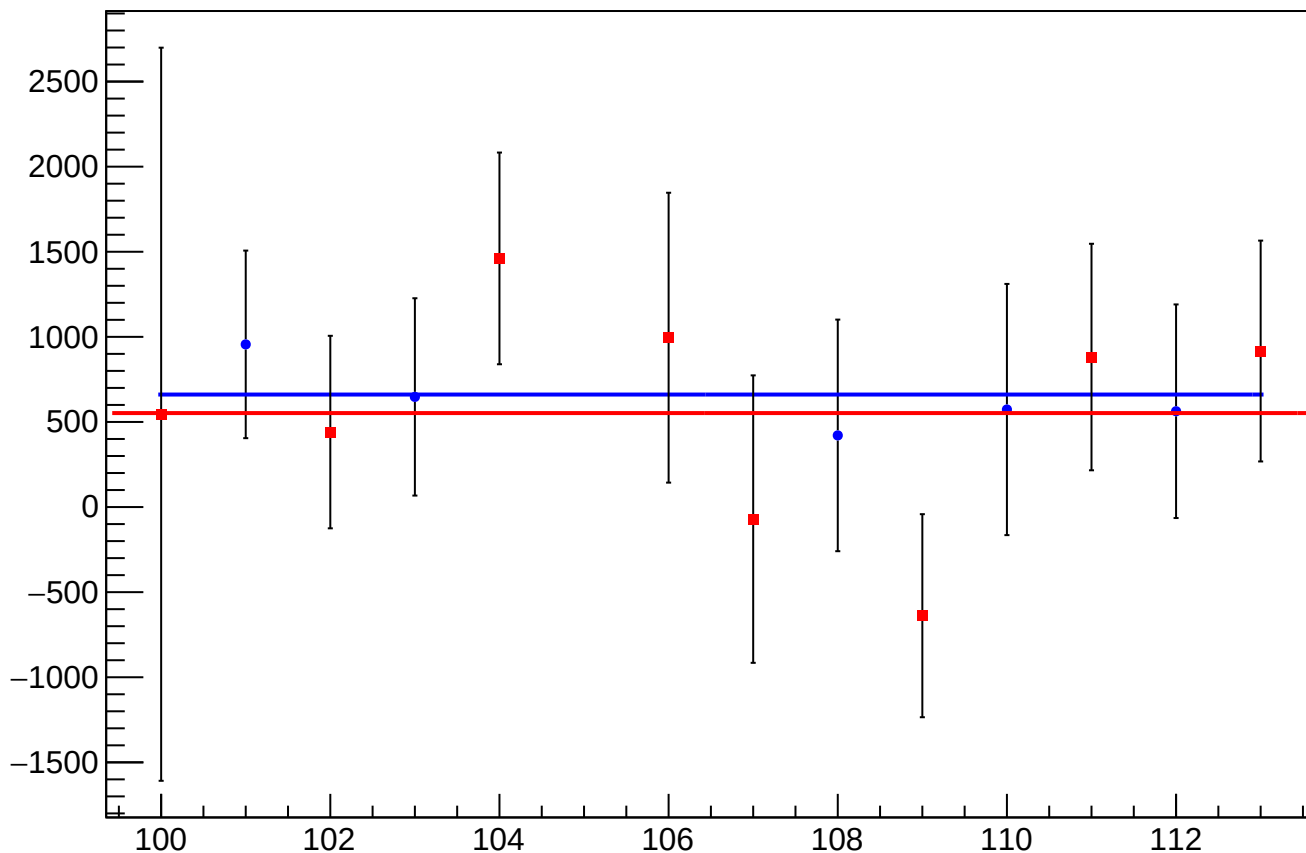
Right: 0.000+/-0.000 χ^2/NDF : 1041605.3/12

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 : 1041605.3/12

reg_asym_sam2_mean vs Slug, Sign Corrected



Right In: 661.071+/-279.451 χ^2/NDF : 0.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 552.189+/-248.817 χ^2/NDF : 7.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

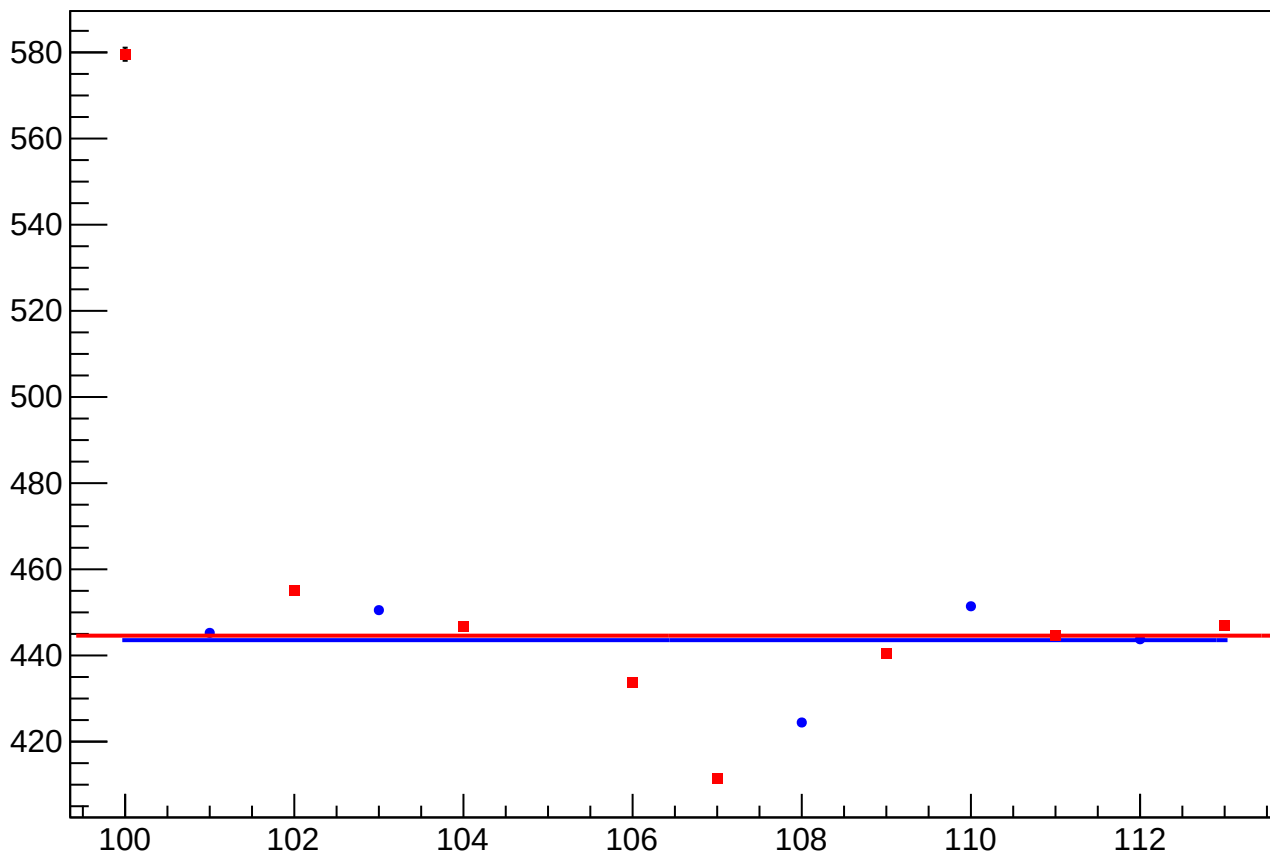
Right: 600.337+/-185.831 χ^2/NDF : 8.1/12

In: 661.071+/-279.451 χ^2/NDF : 0.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 600.337+/-185.831 χ^2/NDF : 8.1/12

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: 444.599+/-0.176 χ^2/NDF : 12069.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

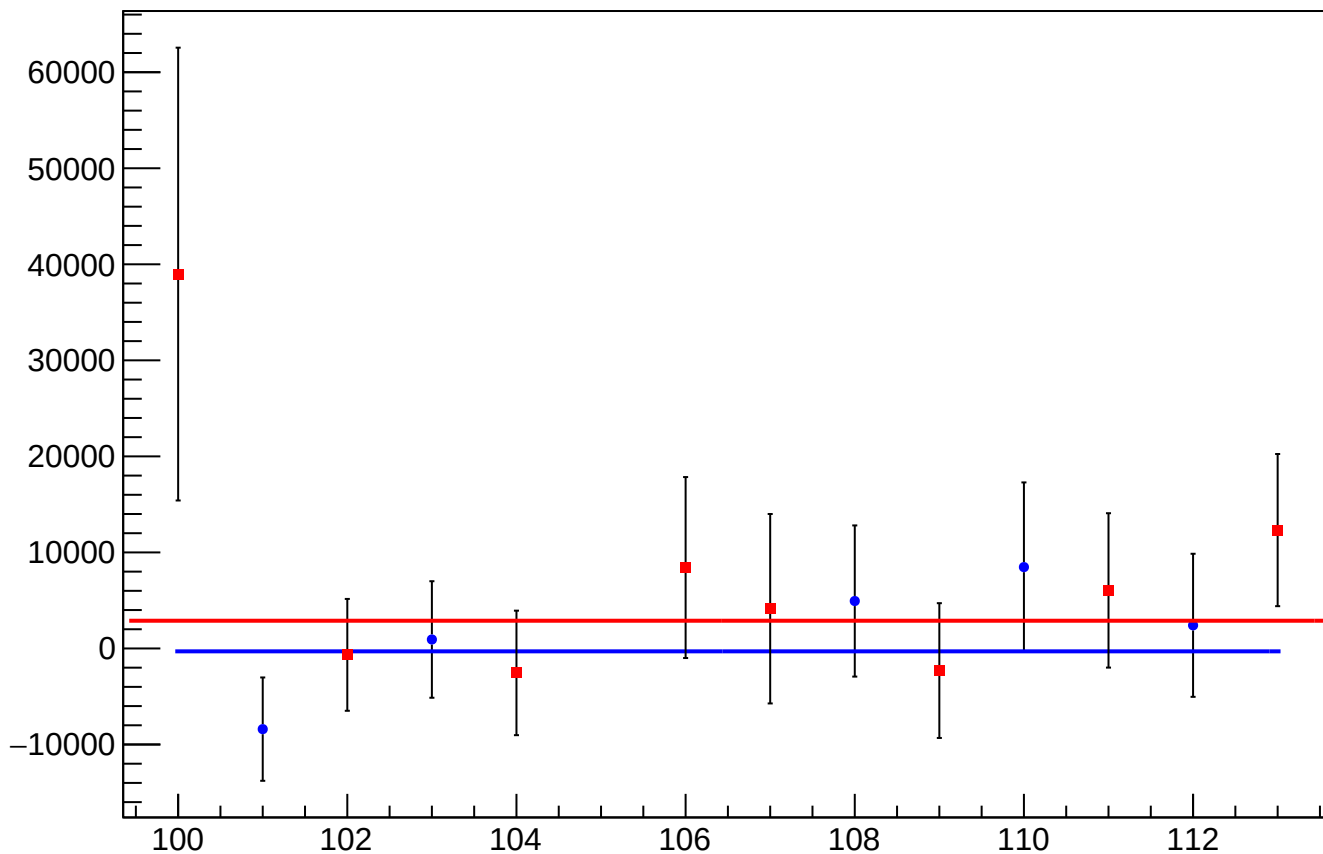
Right: 444.136+/-0.131 χ^2/NDF : 14199.2/12

In: 443.552+/-0.198 χ^2/NDF : 2113.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 444.136+/-0.131 χ^2/NDF : 14199.2/12

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: 2886.867+/-2791.257 χ^2/NDF : 5.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

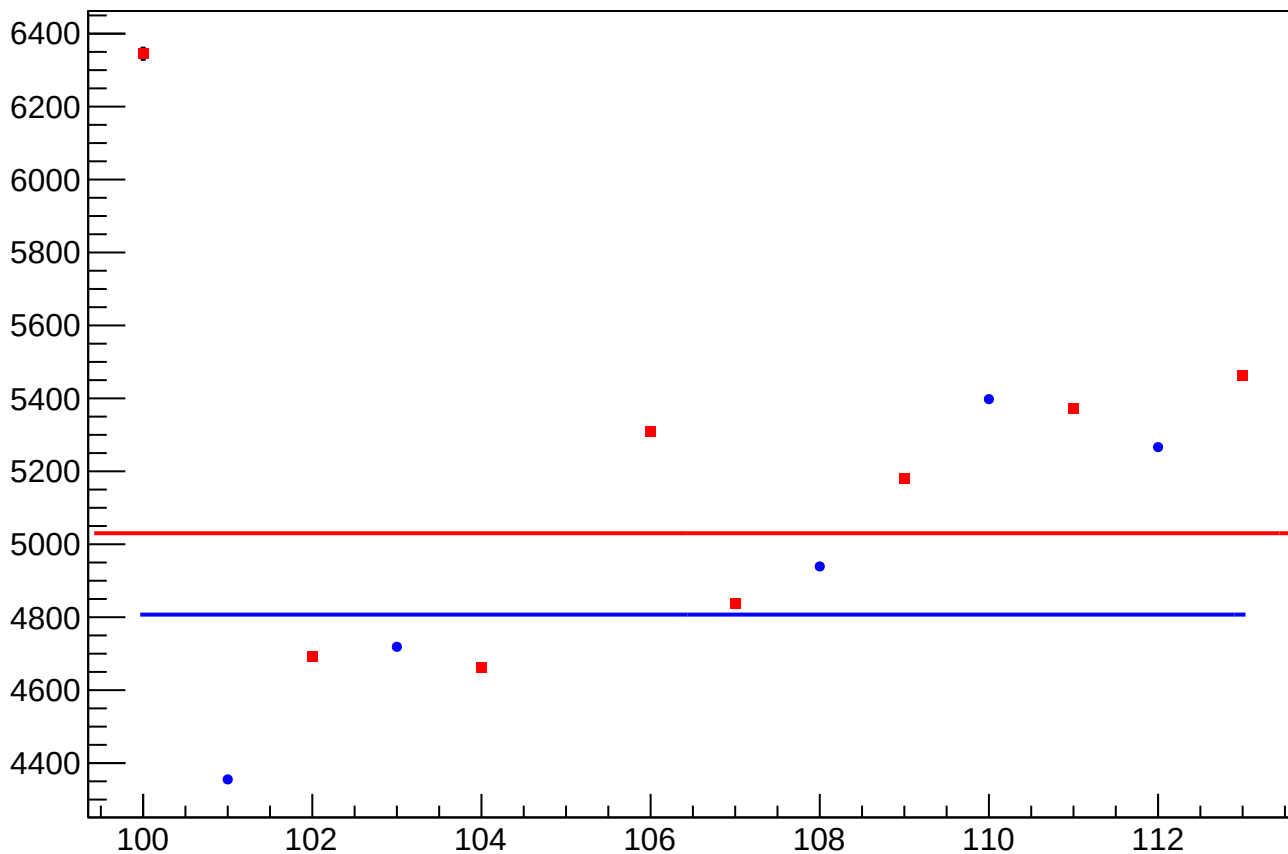
Right: 1424.947+/-2053.649 χ^2/NDF : 10.4/12

In: -300.355+/-3032.289 χ^2/NDF : 3.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1424.947+/-2053.649 χ^2/NDF : 10.4/12

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: 5030.287+/-1.974 χ^2/NDF : 32416.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

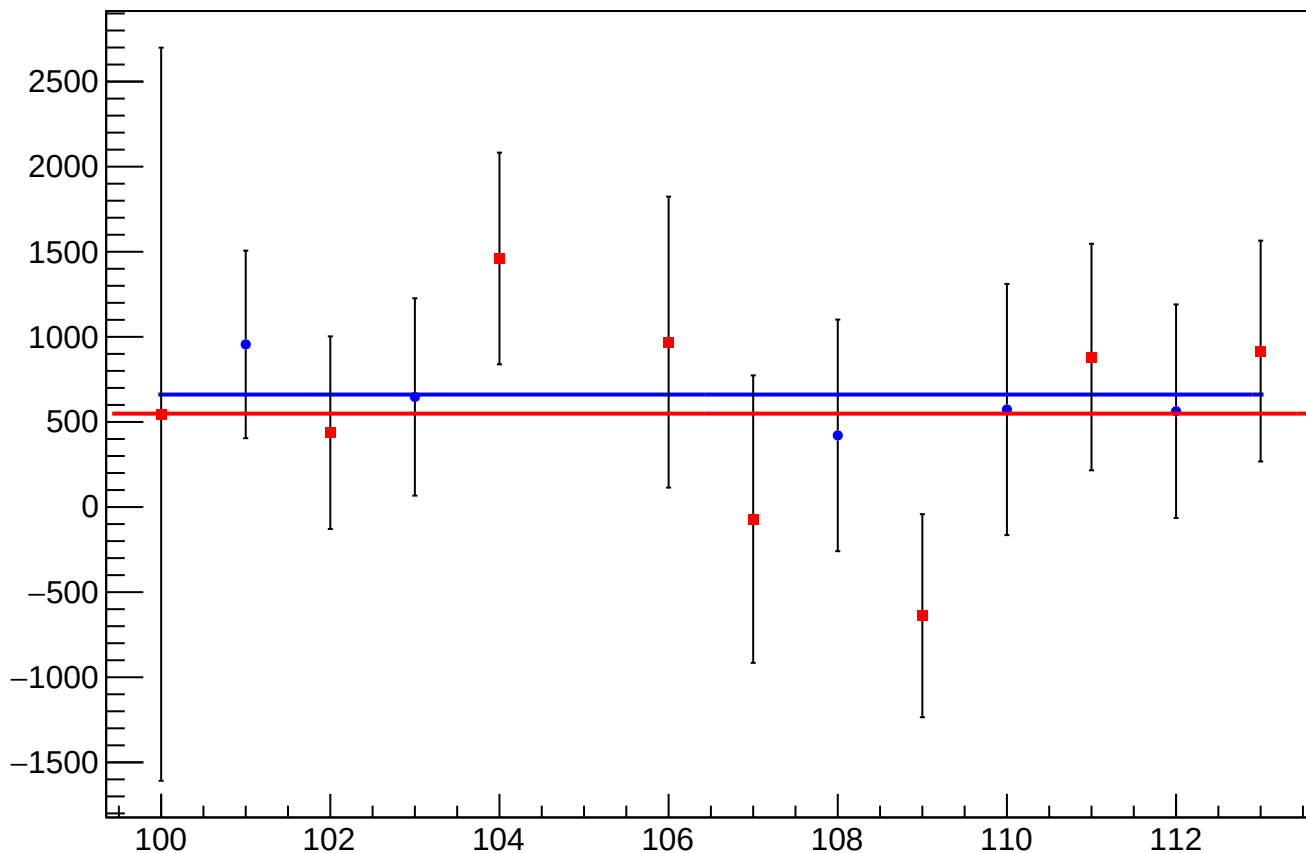
Right: 4927.927+/-1.452 χ^2/NDF : 69962.4/12

In: 4807.126+/-2.144 χ^2/NDF : 31682.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4927.927+/-1.452 χ^2/NDF : 69962.4/12

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: 548.994 $\pm$ 248.917 χ^2 /NDF: 7.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

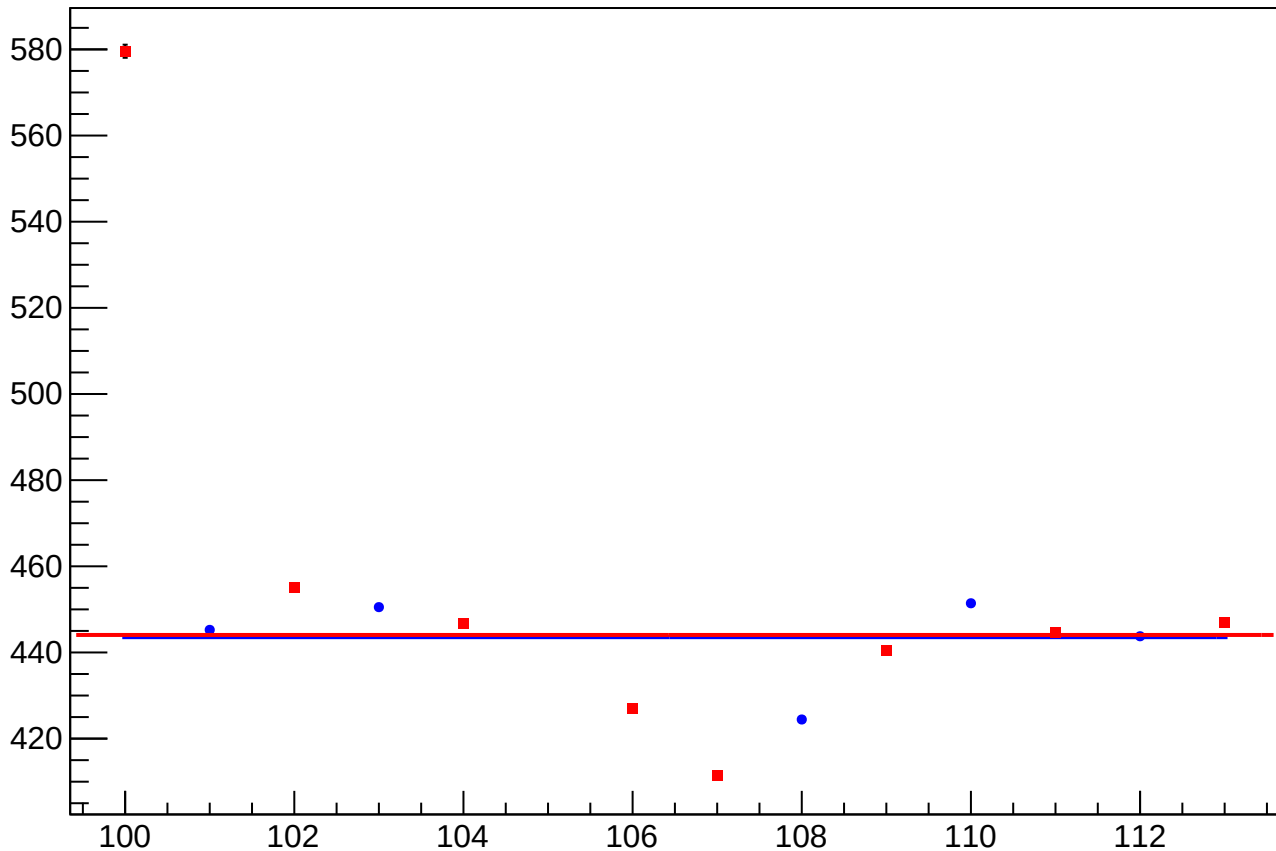
Right: 598.573 $\pm$ 185.872 χ^2 /NDF: 8.0/12

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: 598.573 $\pm$ 185.872 χ^2 /NDF: 8.0/12

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: 444.064+/-0.176 χ^2/NDF : 12612.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

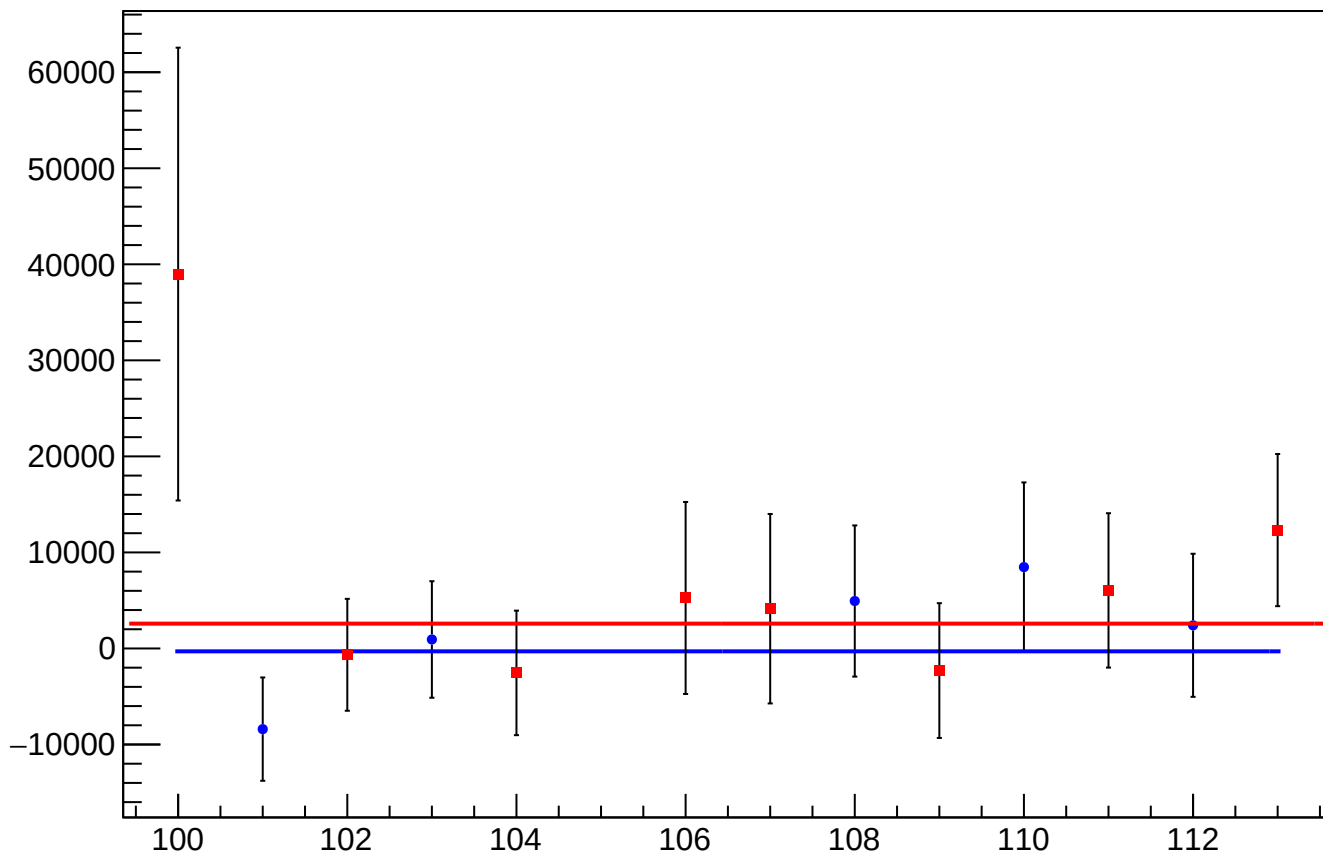
Right: 443.838+/-0.131 χ^2/NDF : 14730.6/12

In: 443.553+/-0.198 χ^2/NDF : 2113.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 443.838+/-0.131 χ^2/NDF : 14730.6/12

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: 2585.166 ± 2805.351 χ^2/NDF : 5.6/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

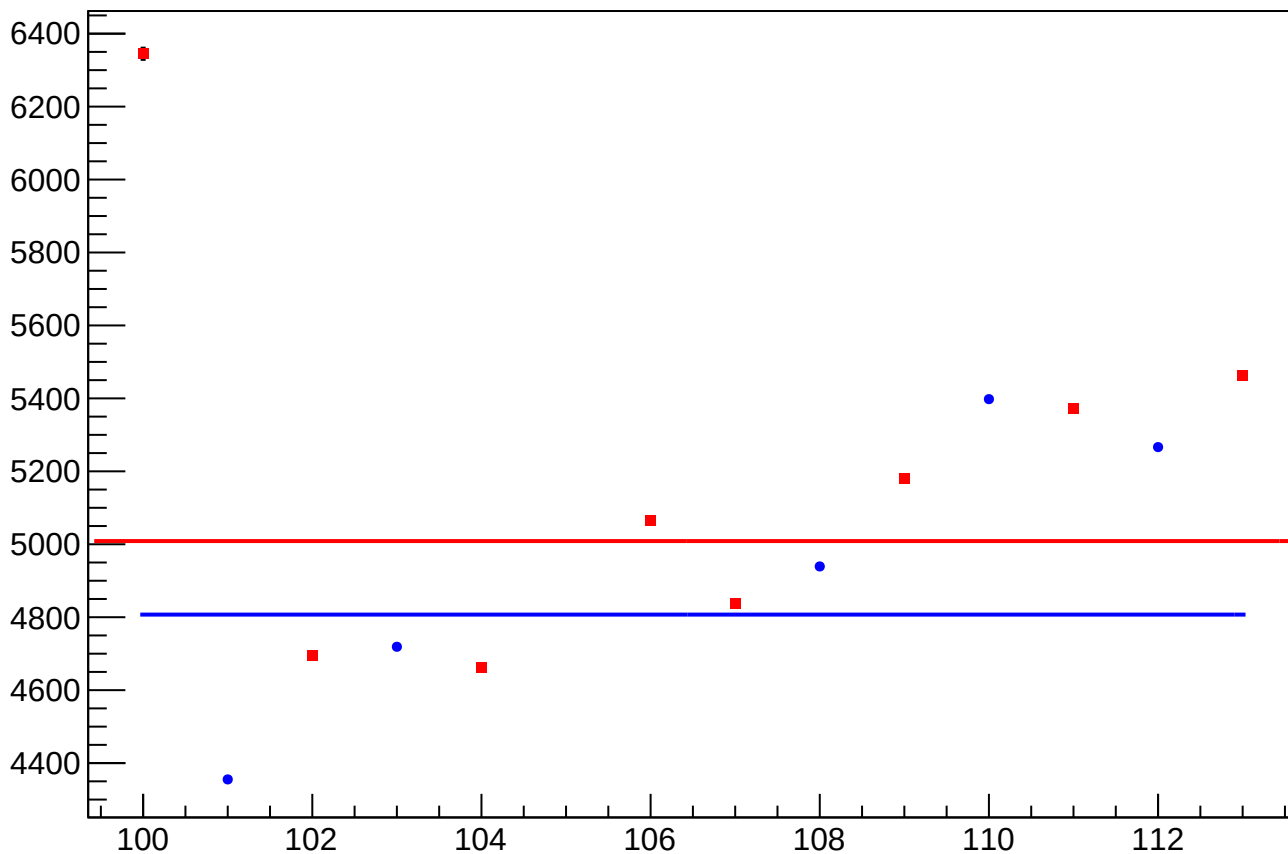
Right: 1254.639 ± 2059.252 χ^2/NDF : 10.0/12

In: -299.890 ± 3032.319 χ^2/NDF : 3.9/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1254.639 ± 2059.252 χ^2/NDF : 10.0/12

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: 5008.794+/-1.984 χ^2/NDF : 30453.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

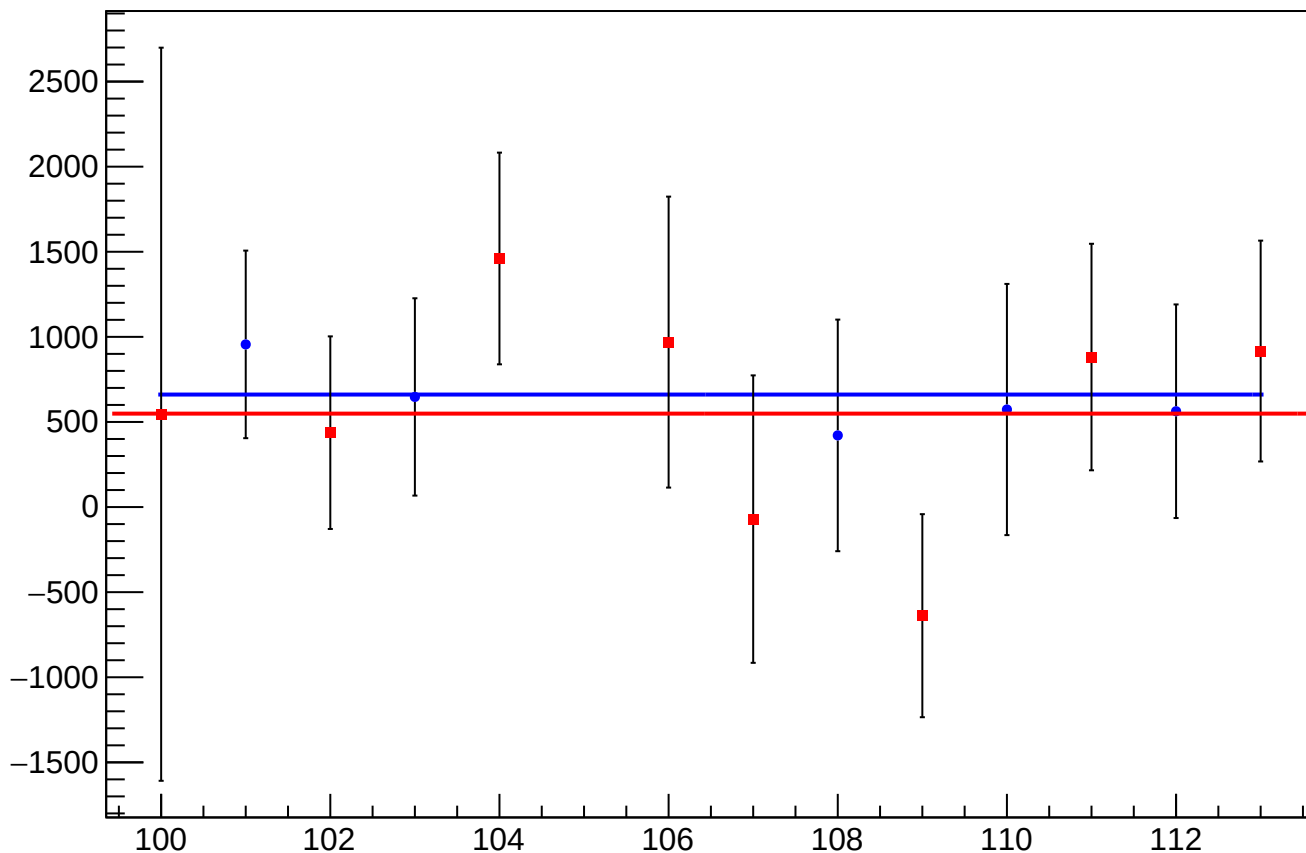
Right: 4915.810+/-1.456 χ^2/NDF : 66897.9/12

In: 4807.173+/-2.144 χ^2/NDF : 31680.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4915.810+/-1.456 χ^2/NDF : 66897.9/12

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: 548.994 $\pm$ 248.917 χ^2 /NDF: 7.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

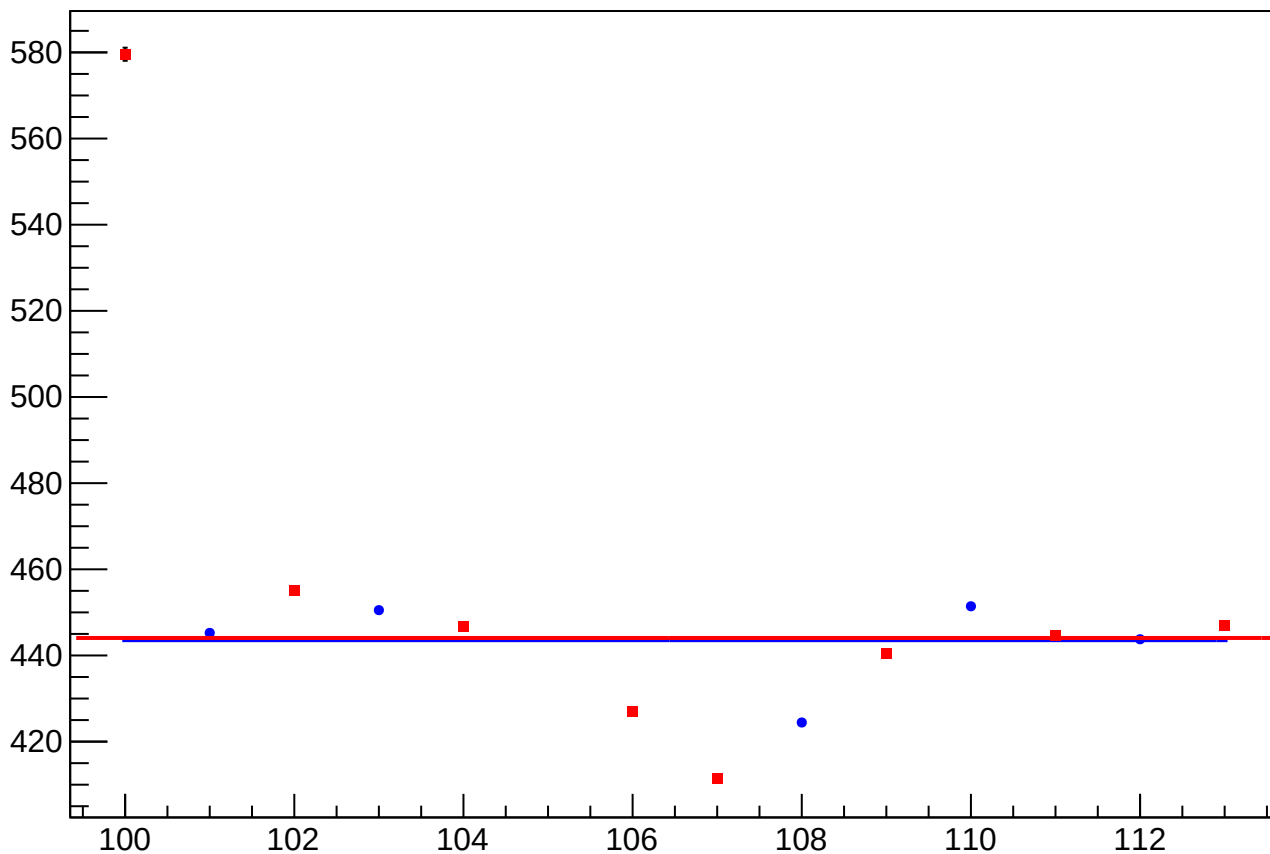
Right: 598.573 $\pm$ 185.872 χ^2 /NDF: 8.0/12

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: 598.573 $\pm$ 185.872 χ^2 /NDF: 8.0/12

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: 444.064+/-0.176 χ^2/NDF : 12612.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

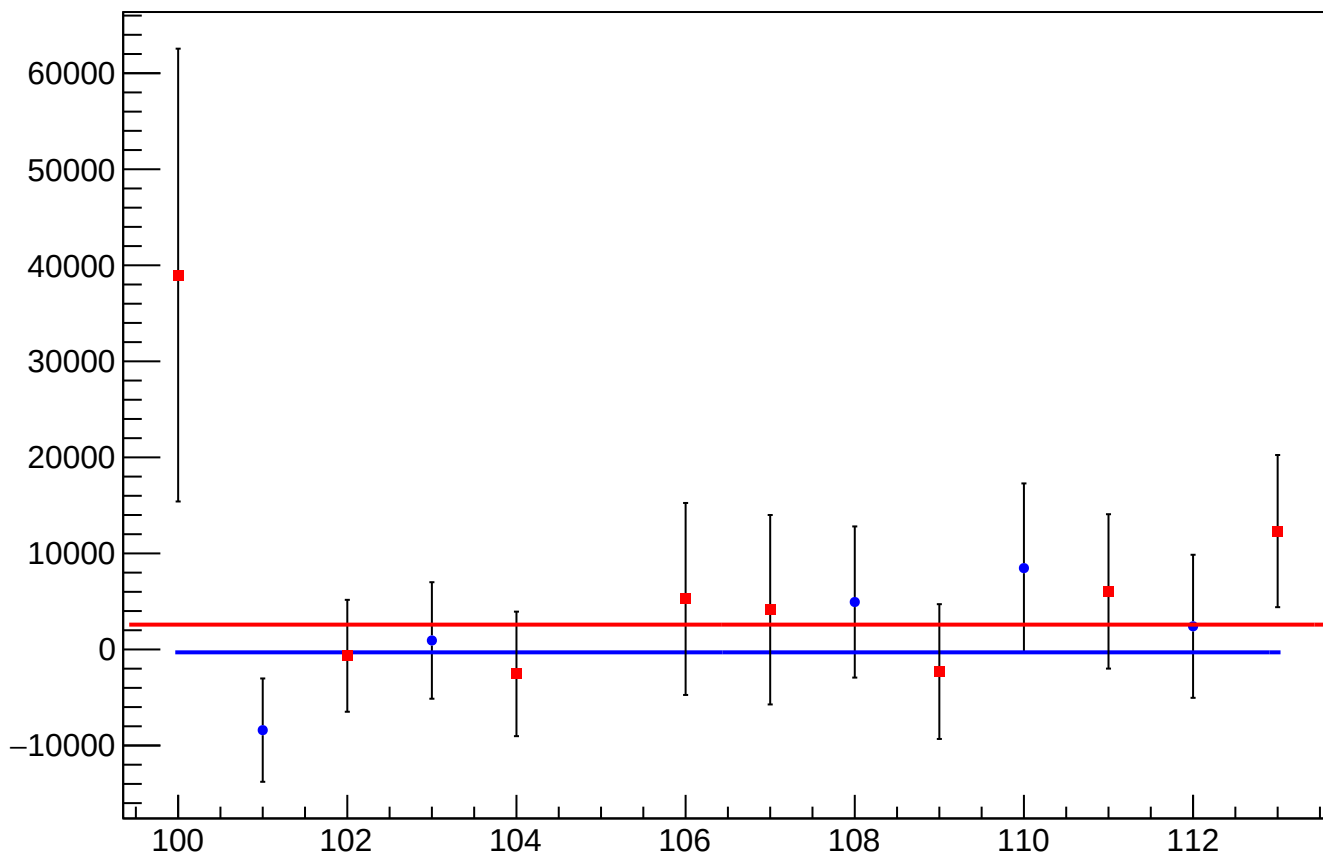
Right: 443.838+/-0.131 χ^2/NDF : 14730.6/12

In: 443.553+/-0.198 χ^2/NDF : 2113.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 443.838+/-0.131 χ^2/NDF : 14730.6/12

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: 2585.166 ± 2805.351 χ^2/NDF : 5.6/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

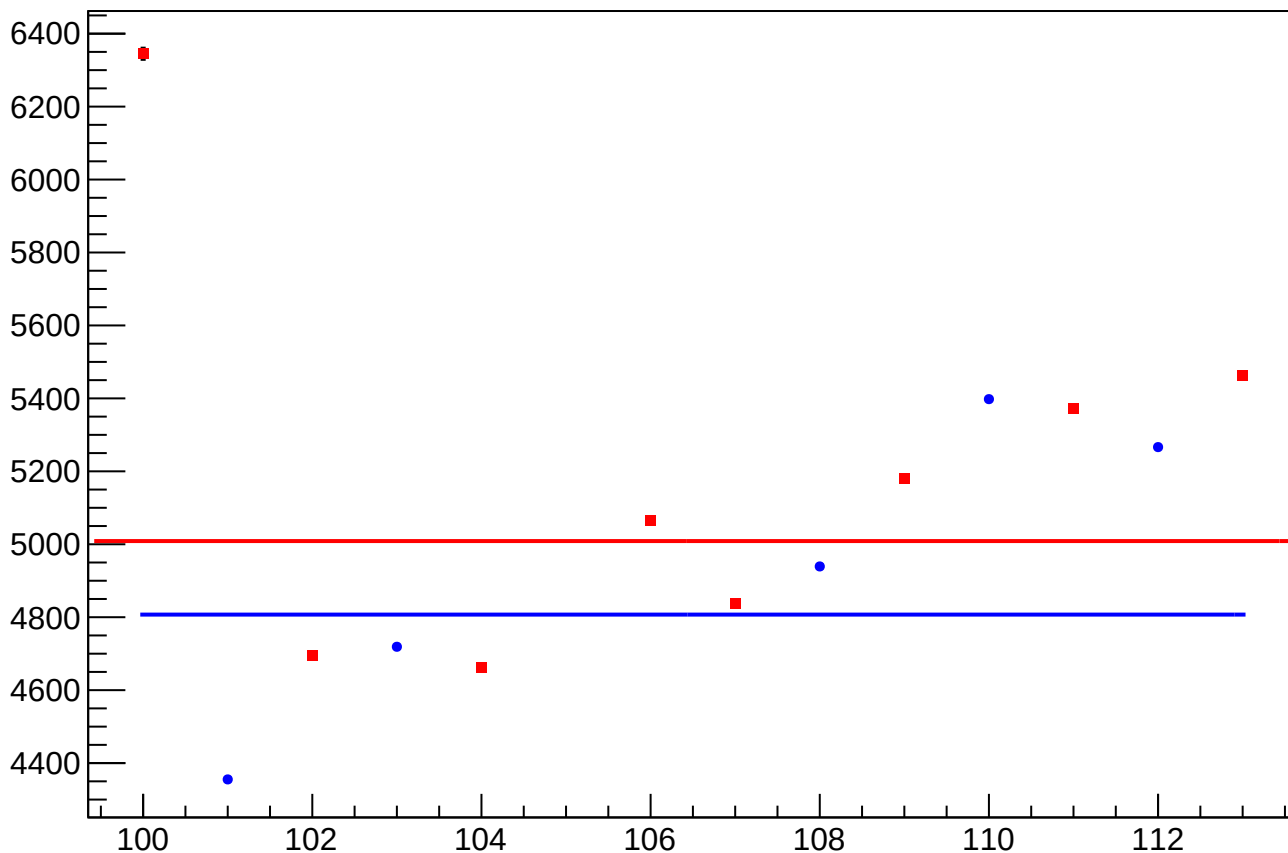
Right: 1254.639 ± 2059.252 χ^2/NDF : 10.0/12

In: -299.890 ± 3032.319 χ^2/NDF : 3.9/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1254.639 ± 2059.252 χ^2/NDF : 10.0/12

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: 5008.794+/-1.984 χ^2/NDF : 30453.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

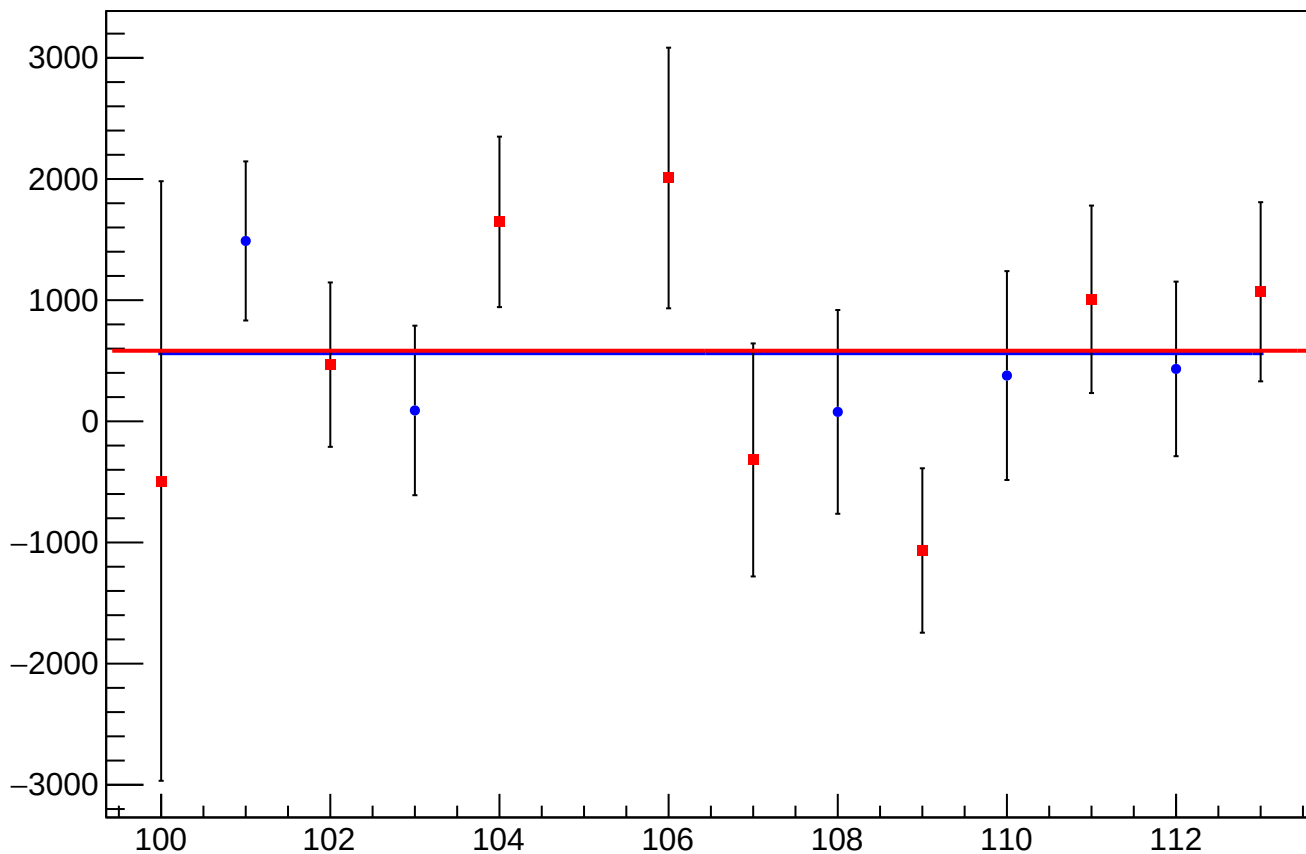
Right: 4915.810+/-1.456 χ^2/NDF : 66897.9/12

In: 4807.173+/-2.144 χ^2/NDF : 31680.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4915.810+/-1.456 χ^2/NDF : 66897.9/12

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 562.397+/-332.424 χ^2/NDF : 2.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 582.680+/-288.989 χ^2/NDF : 11.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

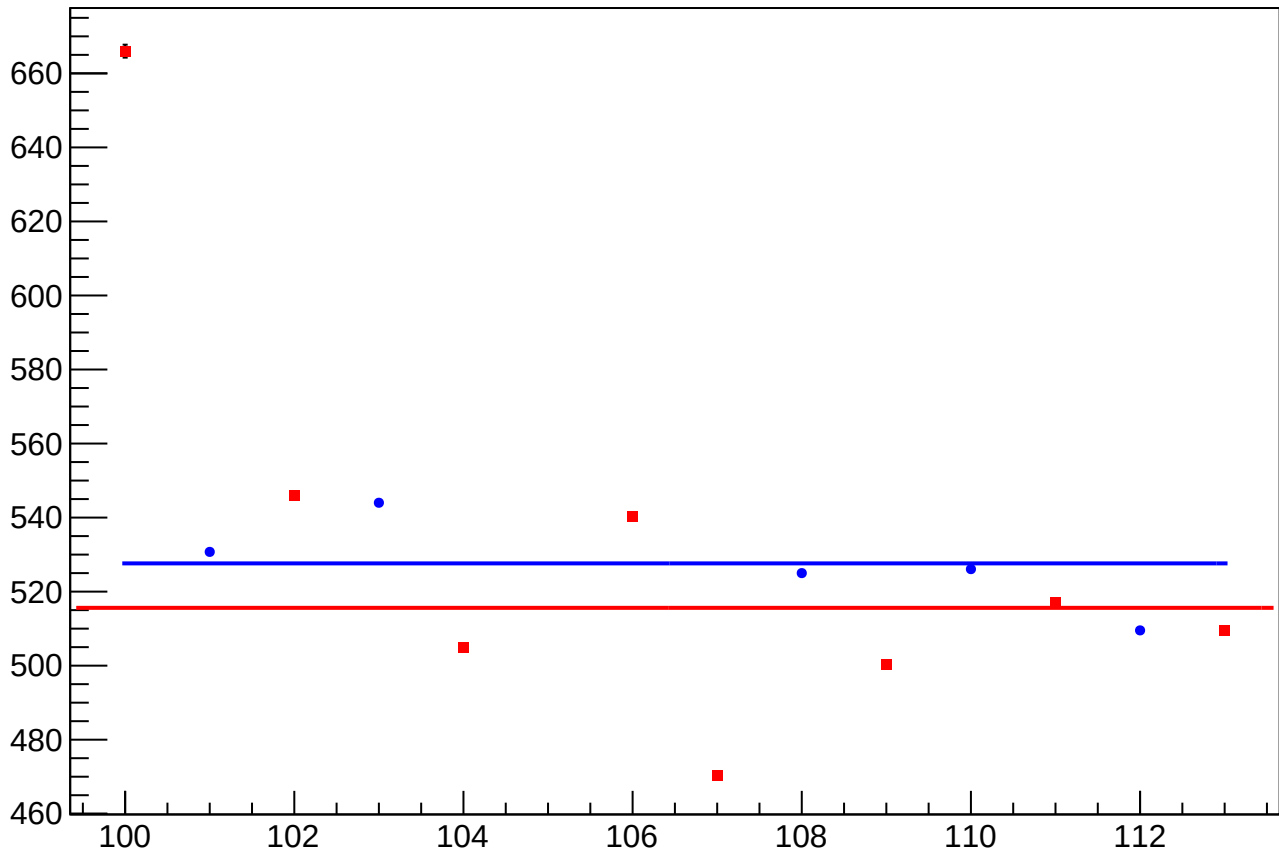
Right: 573.950+/-218.097 χ^2/NDF : 14.6/12

In: 562.397+/-332.424 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 573.950+/-218.097 χ^2/NDF : 14.6/12

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 527.627 $\pm$ 0.235 χ^2 /NDF: 2429.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 515.618 $\pm$ 0.204 χ^2 /NDF: 18503.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

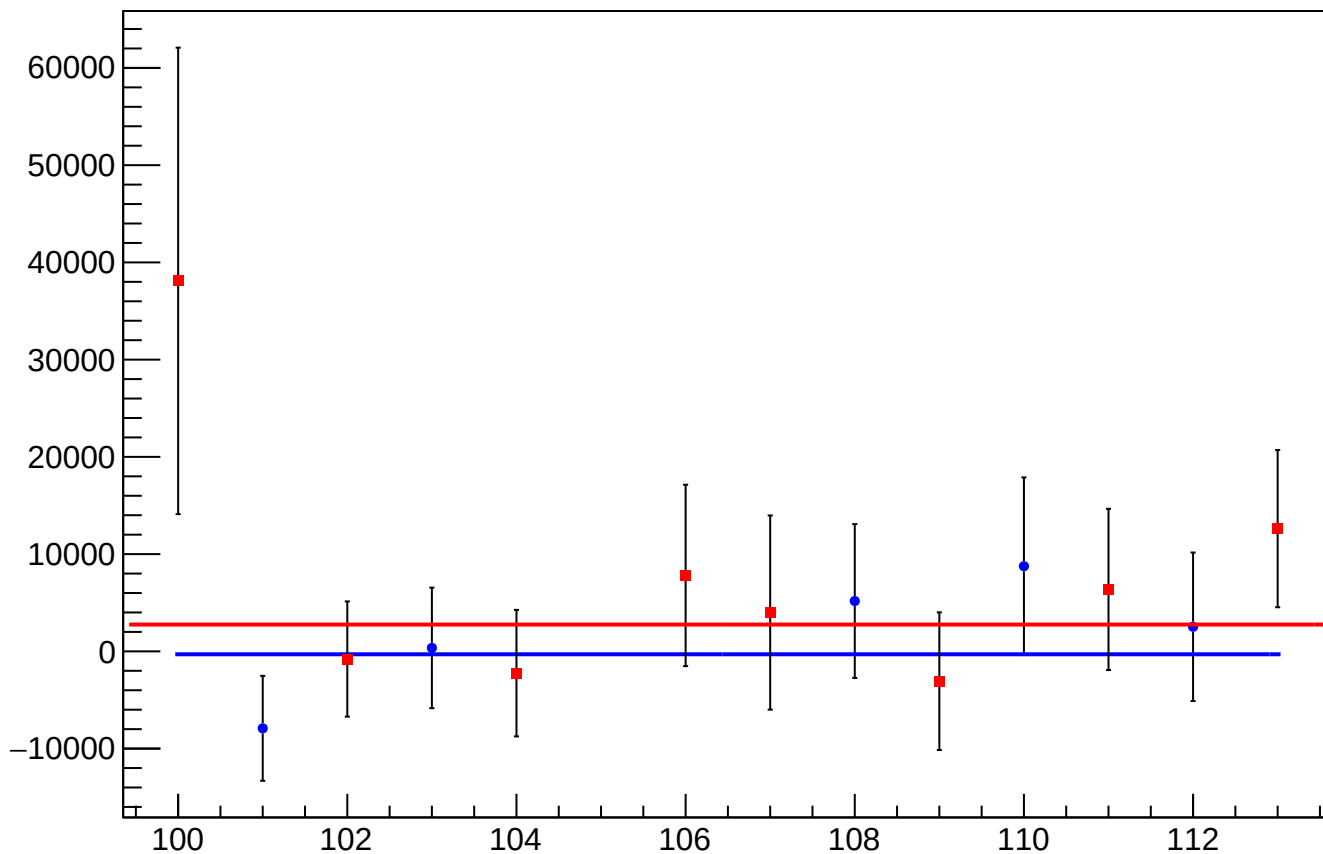
Right: 520.787 $\pm$ 0.154 χ^2 /NDF: 22418.9/12

In: 527.627 $\pm$ 0.235 χ^2 /NDF:2429.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 520.787 $\pm$ 0.154 χ^2 /NDF: 22418.9/12

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: 2757.438+/-2826.458 χ^2/NDF : 5.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

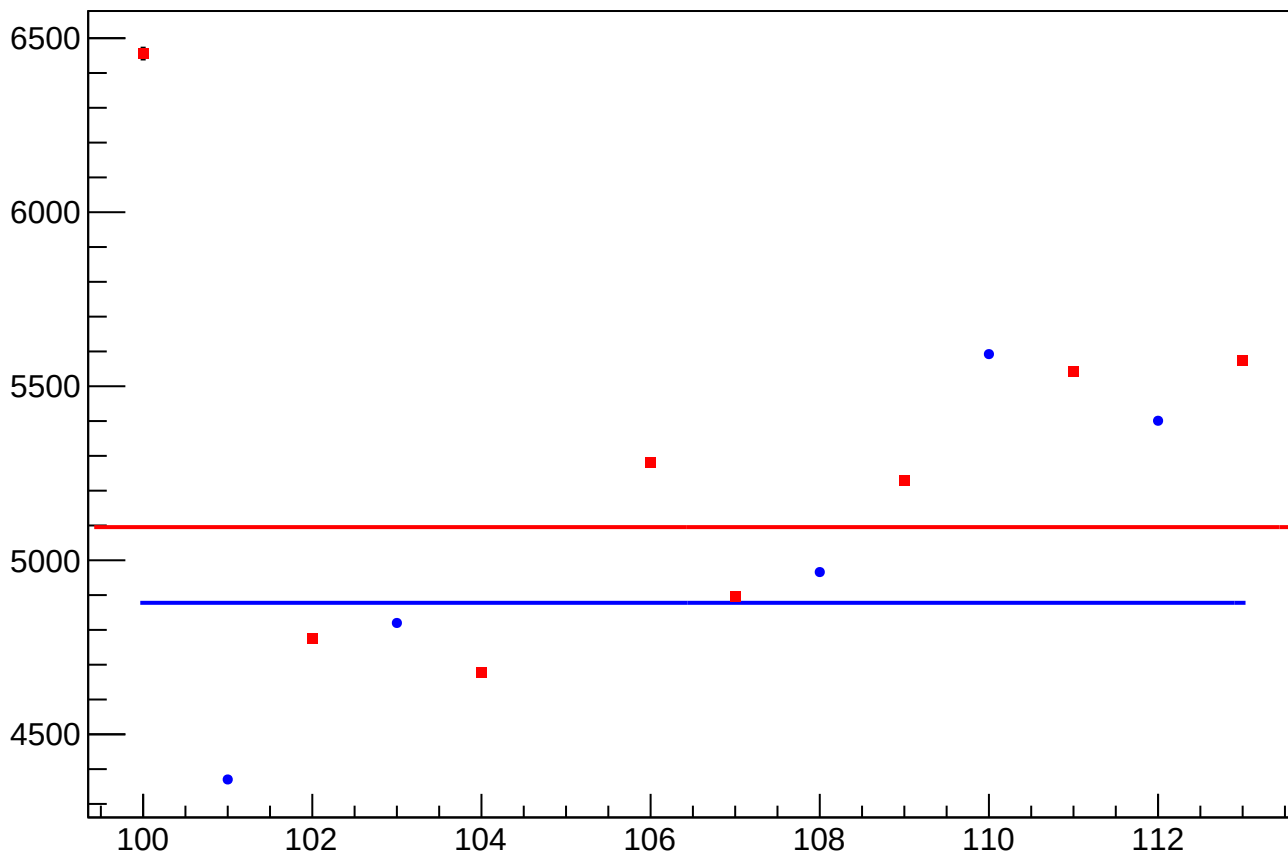
Right: 1358.918+/-2082.067 χ^2/NDF : 9.9/12

In: -300.309+/-3078.655 χ^2/NDF : 3.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1358.918+/-2082.067 χ^2/NDF : 9.9/12

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: 5095.302+/-1.999 χ^2/NDF : 35580.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

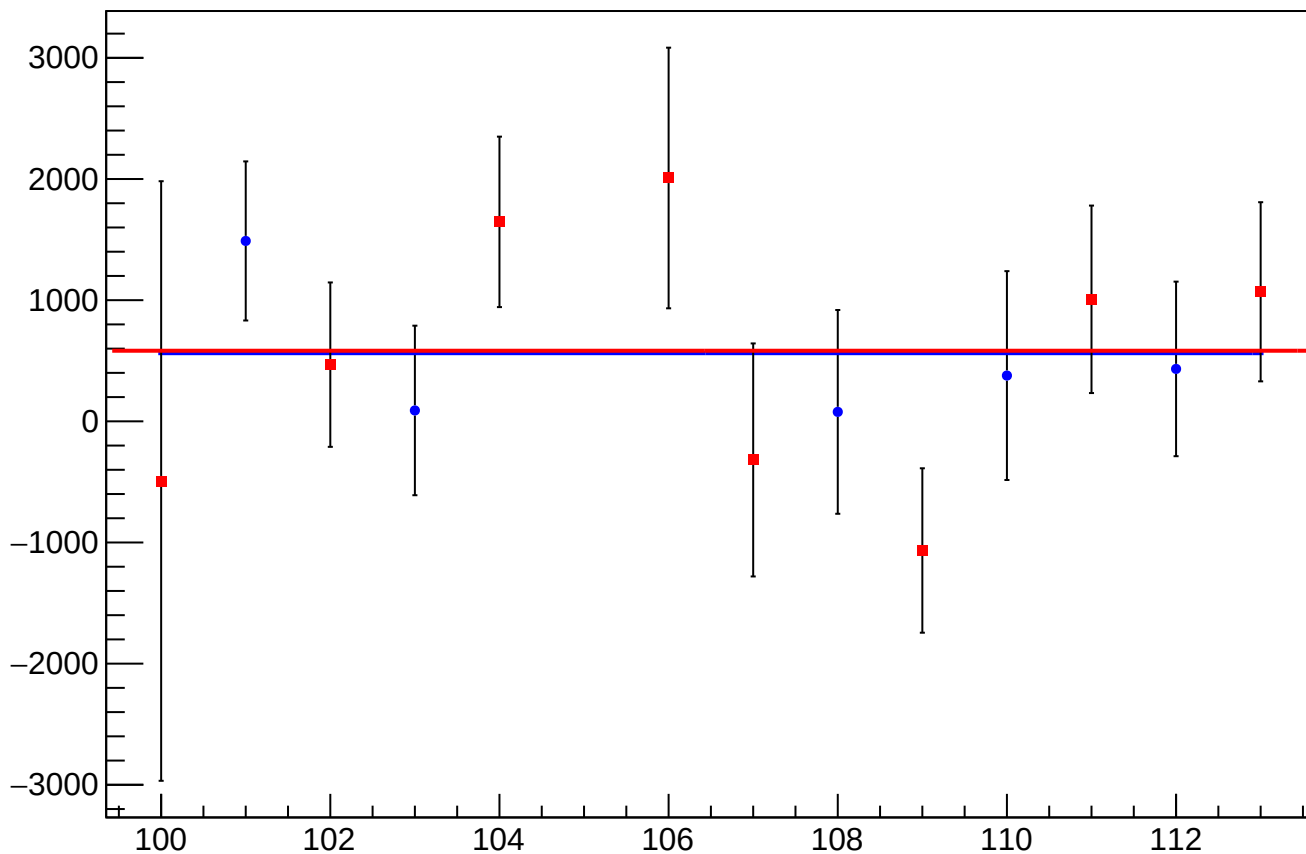
Right: 4995.834+/-1.472 χ^2/NDF : 80734.3/12

In: 4877.824+/-2.177 χ^2/NDF : 39737.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4995.834+/-1.472 χ^2/NDF : 80734.3/12

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: 582.668+/-288.987 χ^2/NDF : 11.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

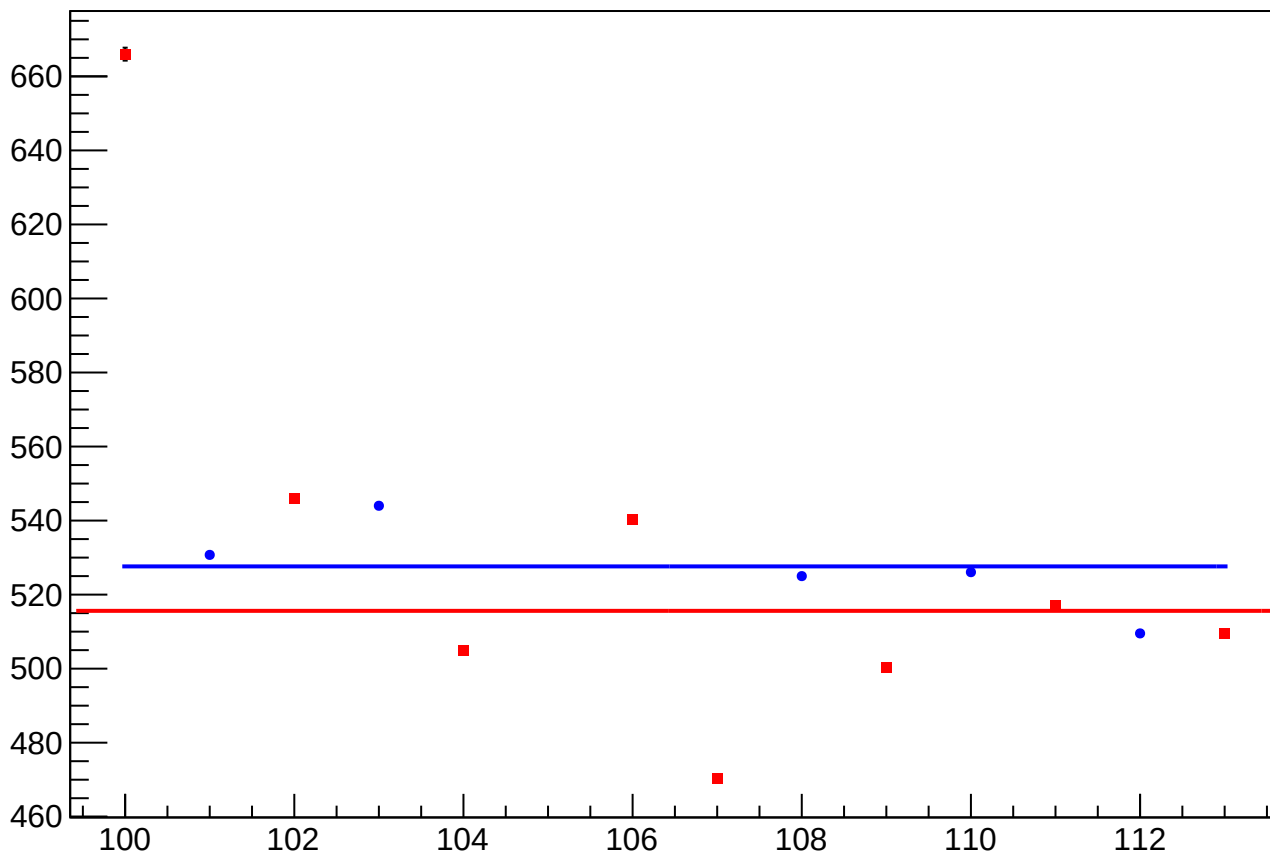
Right: 573.934+/-218.096 χ^2/NDF : 14.6/12

In: 562.378+/-332.422 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 573.934+/-218.096 χ^2/NDF : 14.6/12

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: 515.615+/-0.204 χ^2/NDF : 18503.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

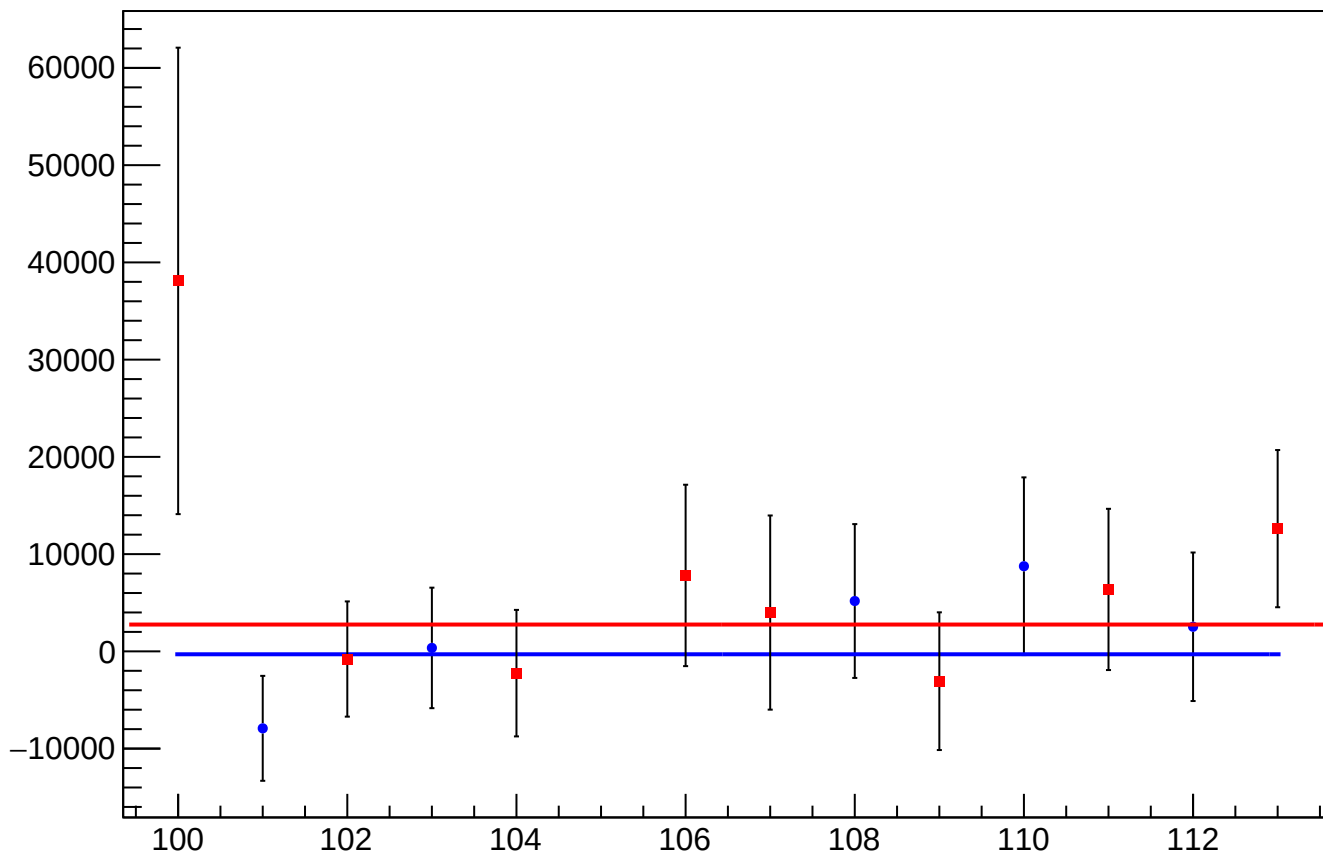
Right: 520.784+/-0.154 χ^2/NDF : 22419.2/12

In: 527.623+/-0.235 χ^2/NDF : 2429.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 520.784+/-0.154 χ^2/NDF : 22419.2/12

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: 2757.430+/-2826.449 χ^2/NDF : 5.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

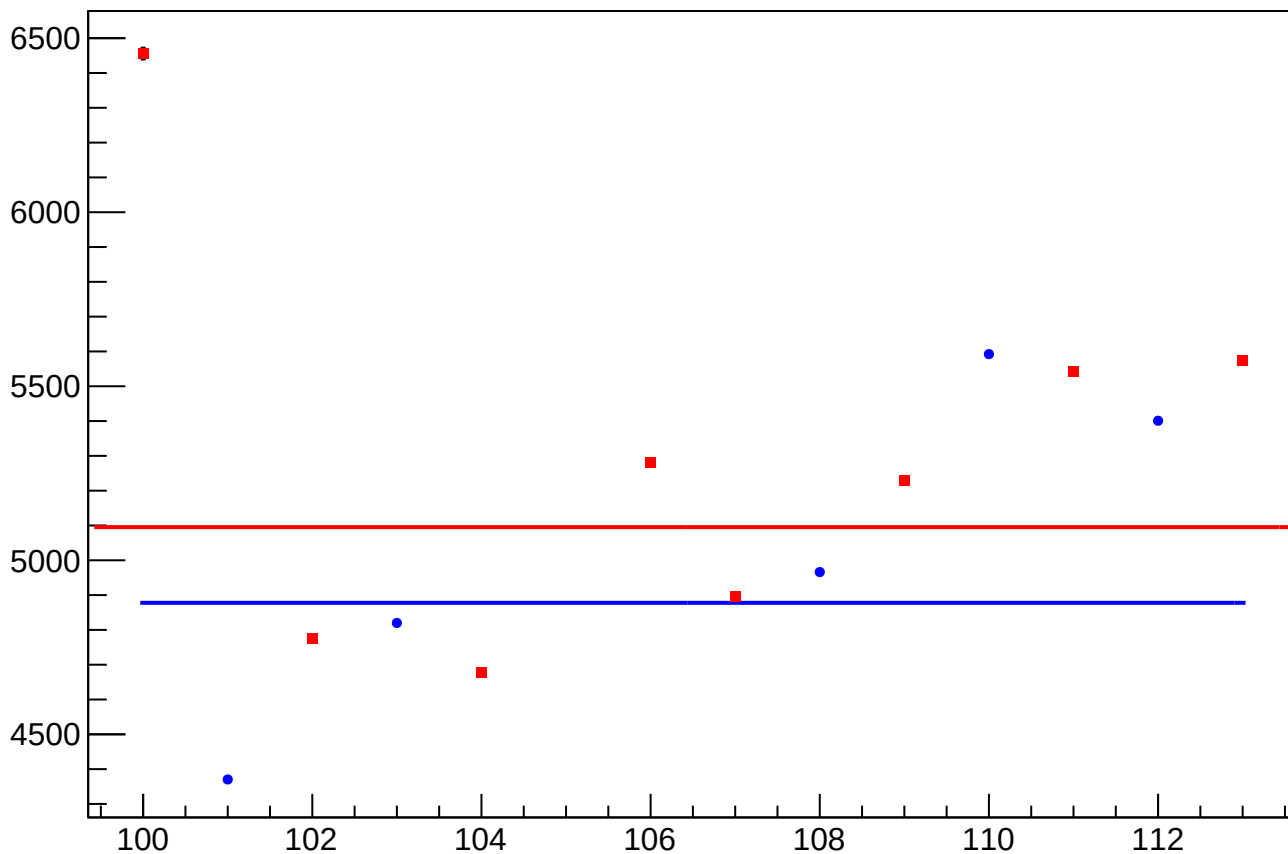
Right: 1358.914+/-2082.060 χ^2/NDF : 9.9/12

In: -300.310+/-3078.646 χ^2/NDF : 3.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1358.914+/-2082.060 χ^2/NDF : 9.9/12

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: 5095.286+/-1.999 χ^2/NDF : 35580.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

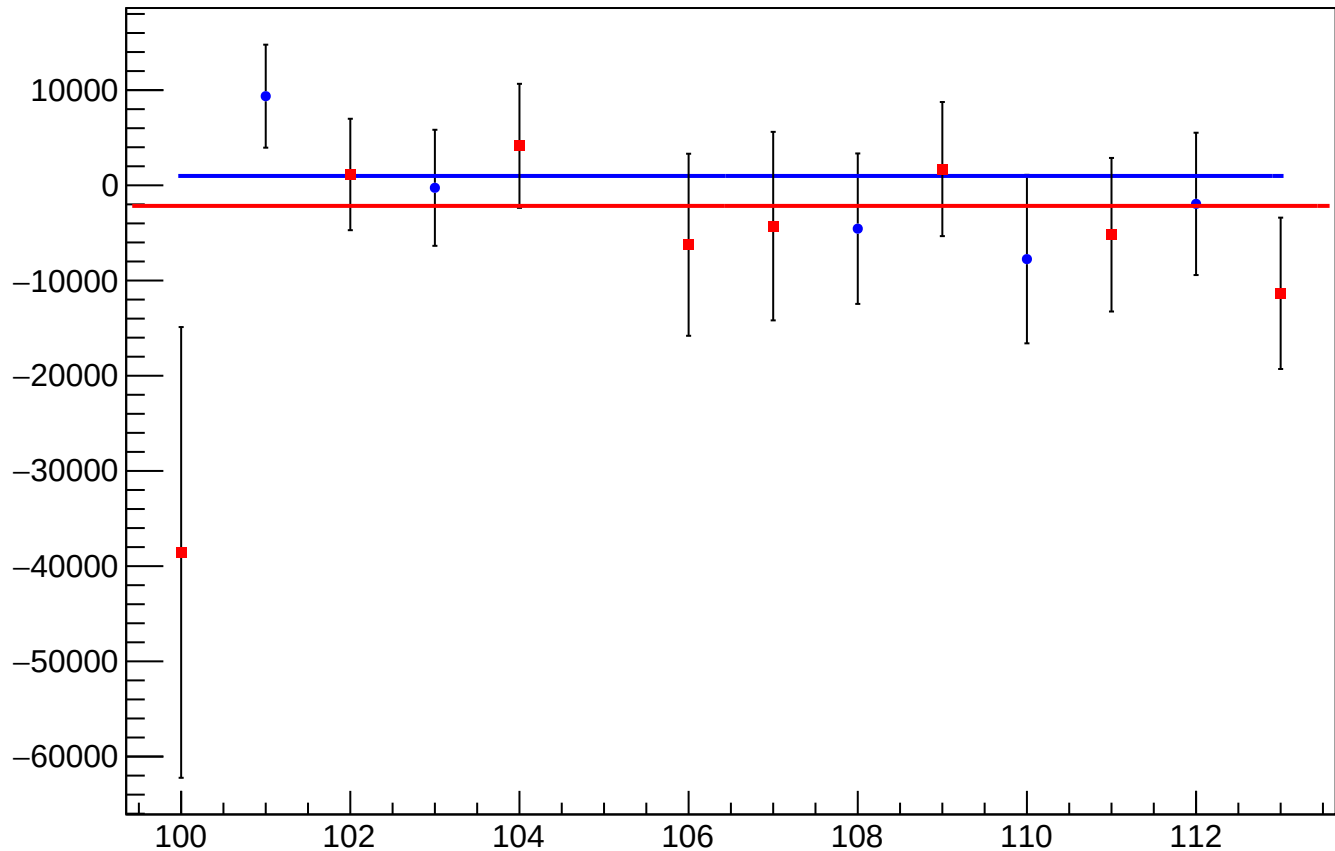
Right: 4995.819+/-1.472 χ^2/NDF : 80732.1/12

In: 4877.811+/-2.177 χ^2/NDF : 39736.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4995.819+/-1.472 χ^2/NDF : 80732.1/12

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: -2161.027+/-2805.353 χ^2/NDF : 5.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

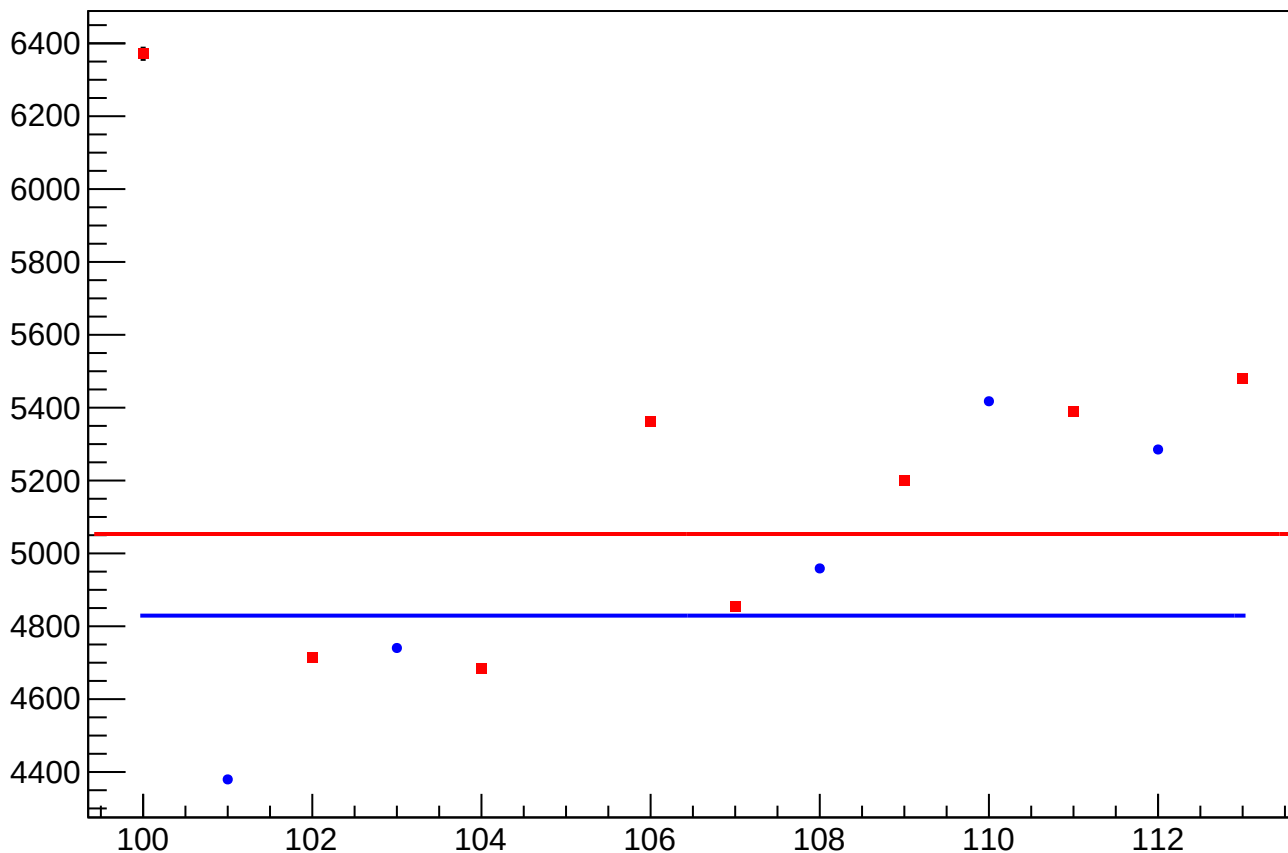
Right: -717.048+/-2063.522 χ^2/NDF : 10.3/12

In: 985.289+/-3045.999 χ^2/NDF : 4.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -717.048+/-2063.522 χ^2/NDF : 10.3/12

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: 5053.269+/-1.984 χ^2/NDF : 32359.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

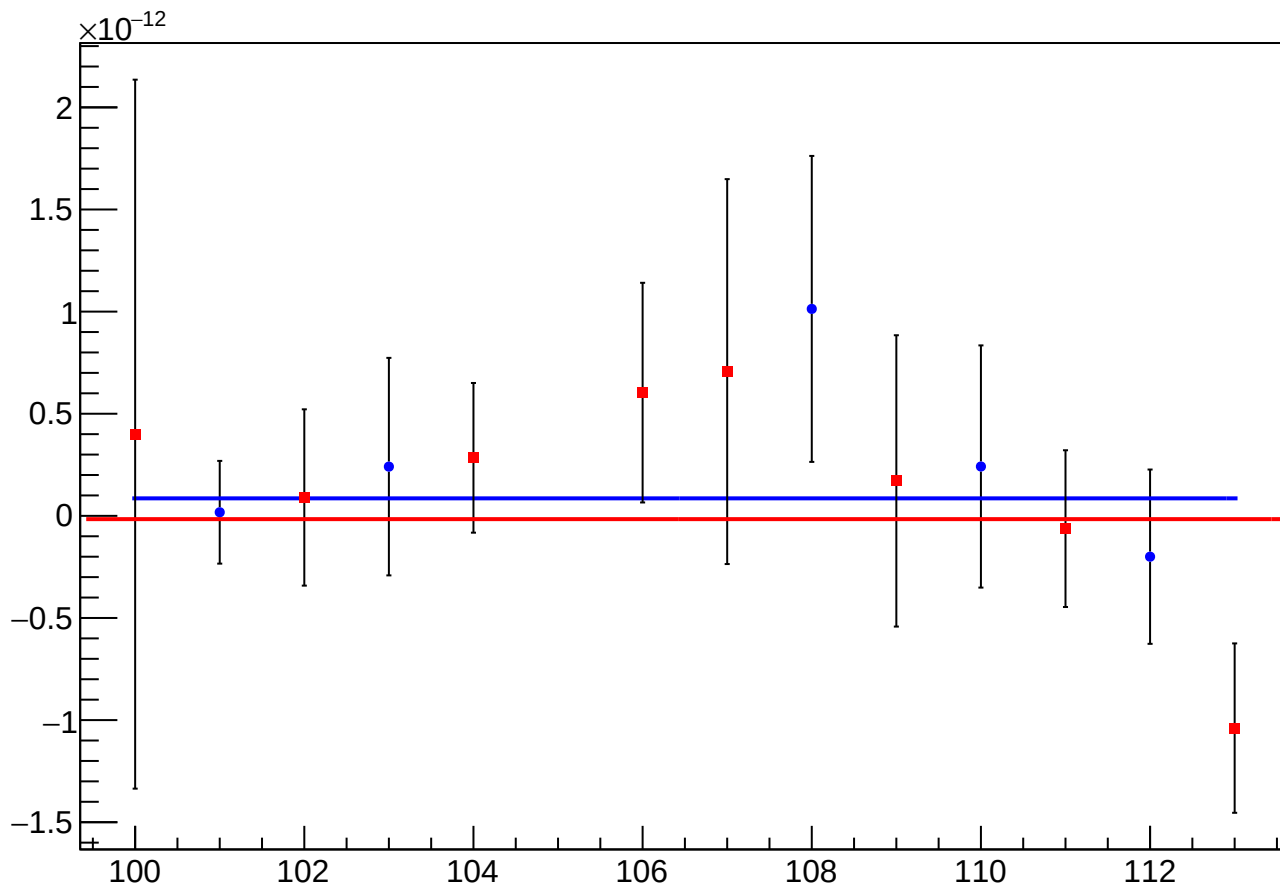
Right: 4950.447+/-1.459 χ^2/NDF : 69273.4/12

In: 4829.228+/-2.154 χ^2/NDF : 31059.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4950.447+/-1.459 χ^2/NDF : 69273.4/12

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 : 8.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

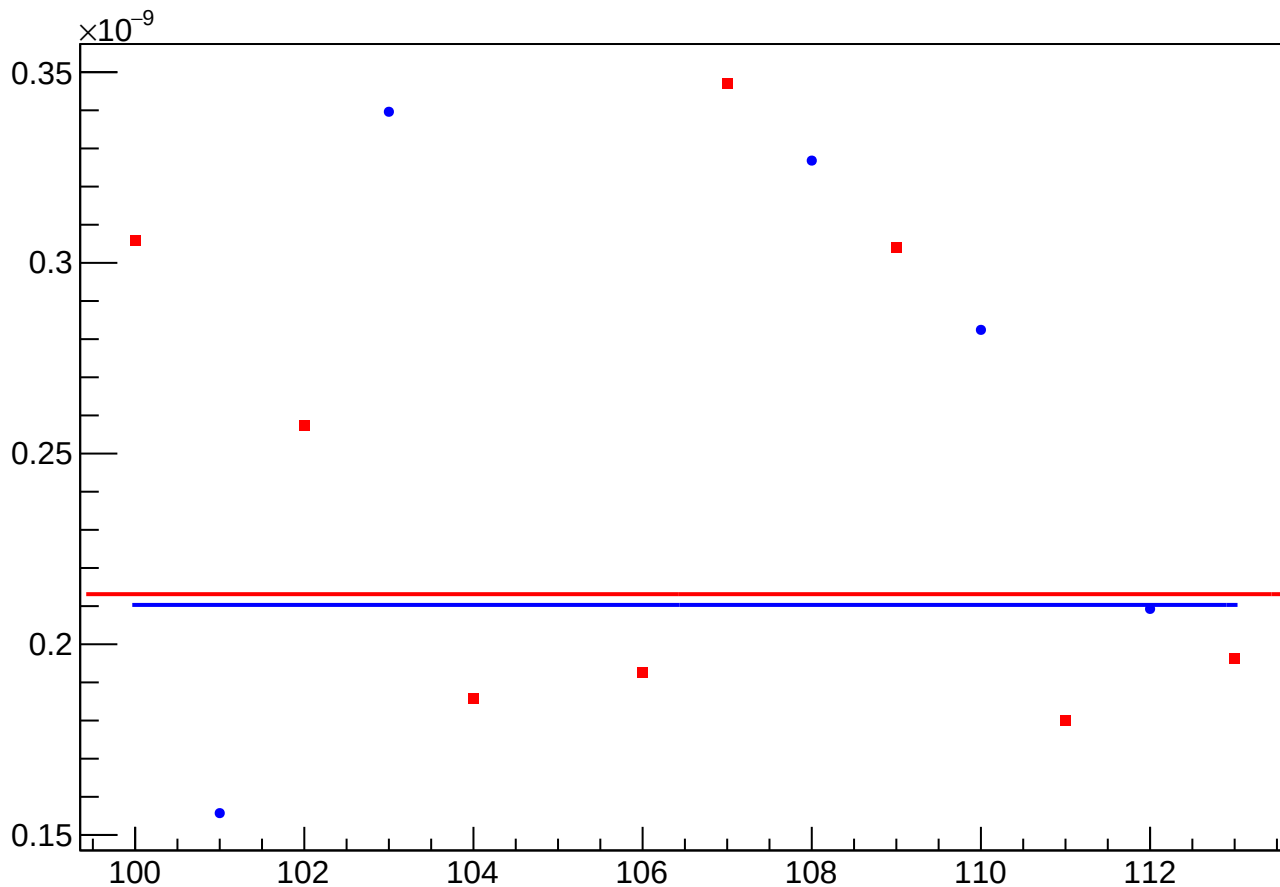
Right: 0.000+/-0.000 χ^2/NDF : 11.2/12

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 : 11.2/12

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 : 131704.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

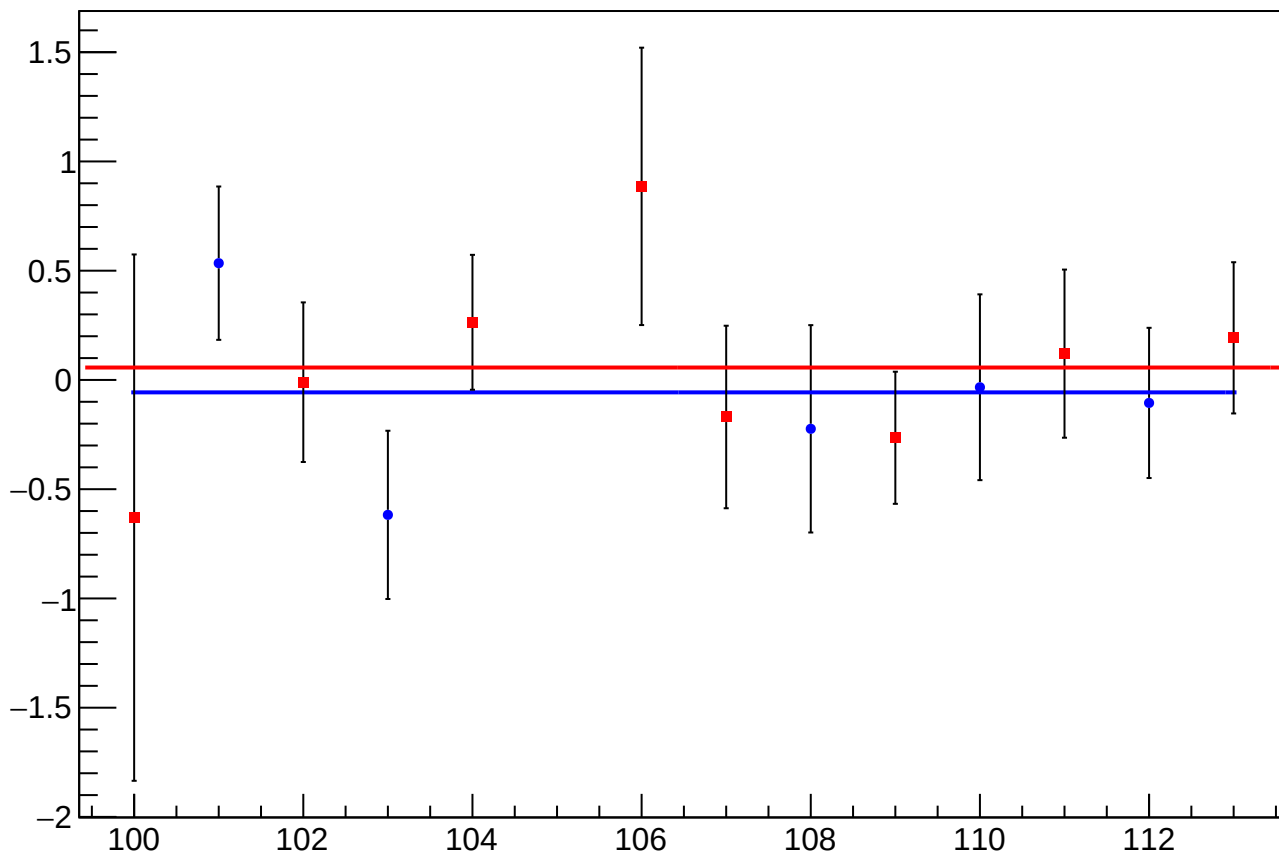
Right: 0.000+/-0.000 χ^2/NDF : 422085.1/12

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 : 422085.1/12

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: 0.057+/-0.137 χ^2/NDF : 4.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

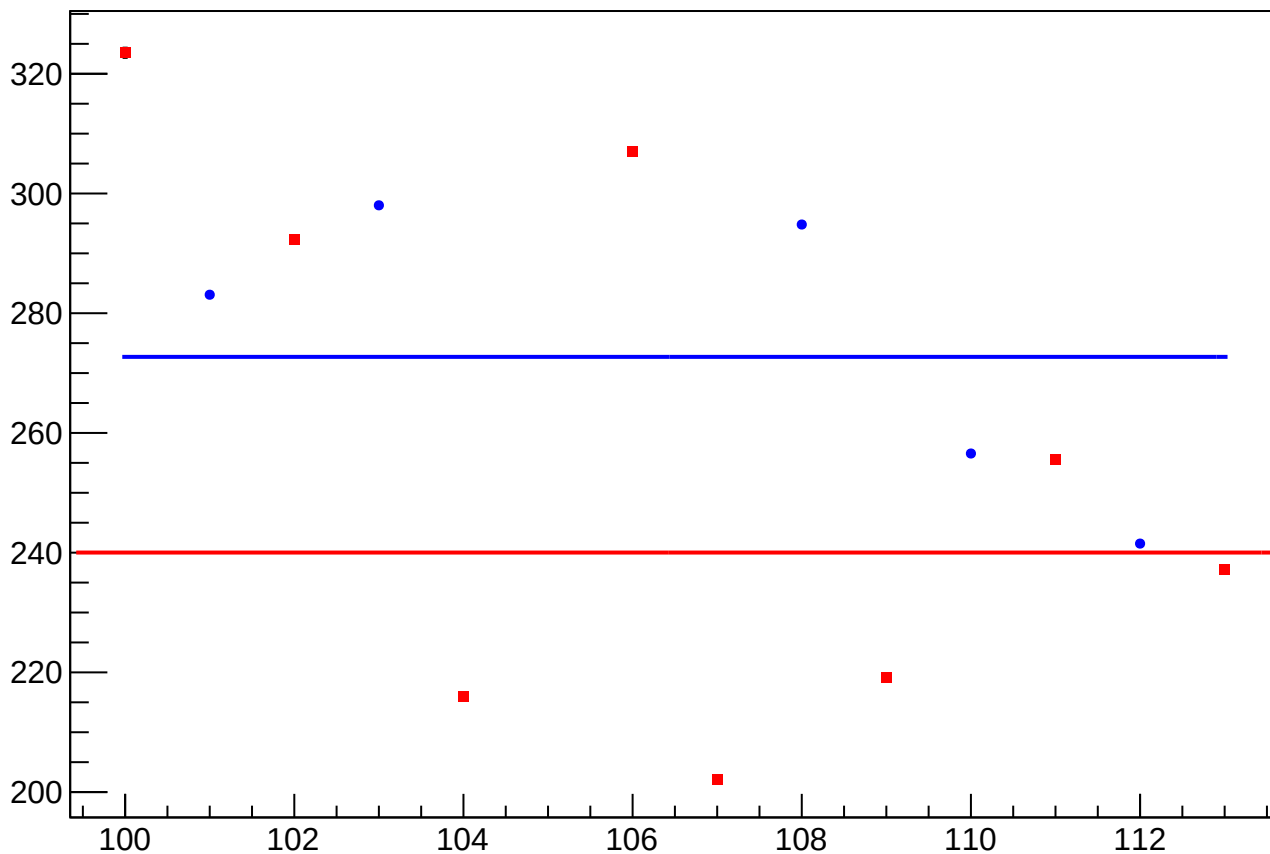
Right: 0.013+/-0.108 χ^2/NDF : 9.5/12

In: -0.057+/-0.173 χ^2/NDF : 5.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.108 χ^2/NDF : 9.5/12

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: 240.019+/-0.097 χ^2/NDF : 114267.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

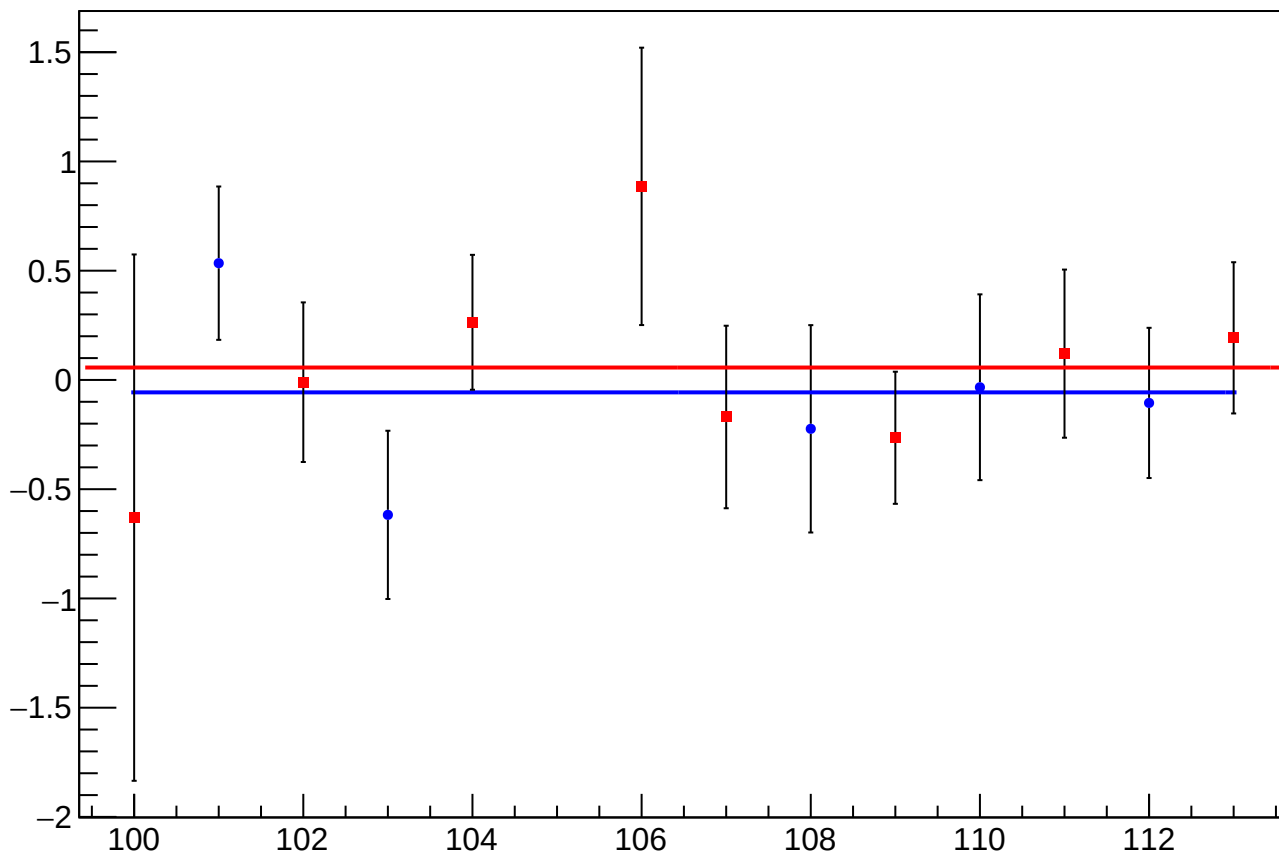
Right: 252.643+/-0.076 χ^2/NDF : 192055.6/12

In: 272.708+/-0.123 χ^2/NDF : 34097.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 252.643+/-0.076 χ^2/NDF : 192055.6/12

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: 0.057+/-0.137 χ^2/NDF : 4.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

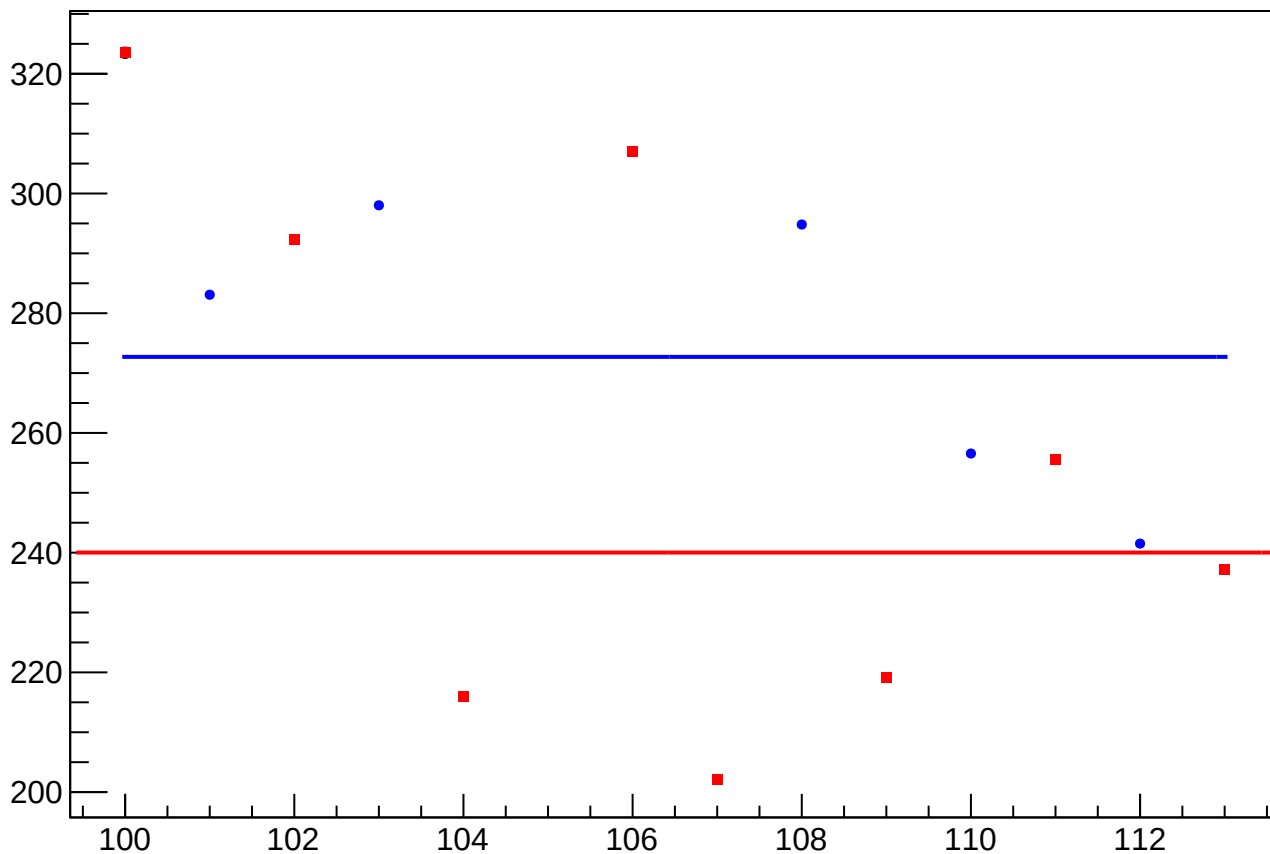
Right: 0.013+/-0.108 χ^2/NDF : 9.5/12

In: -0.057+/-0.173 χ^2/NDF : 5.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.108 χ^2/NDF : 9.5/12

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: 240.019 $\pm$ 0.097 χ^2 /NDF: 114267.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

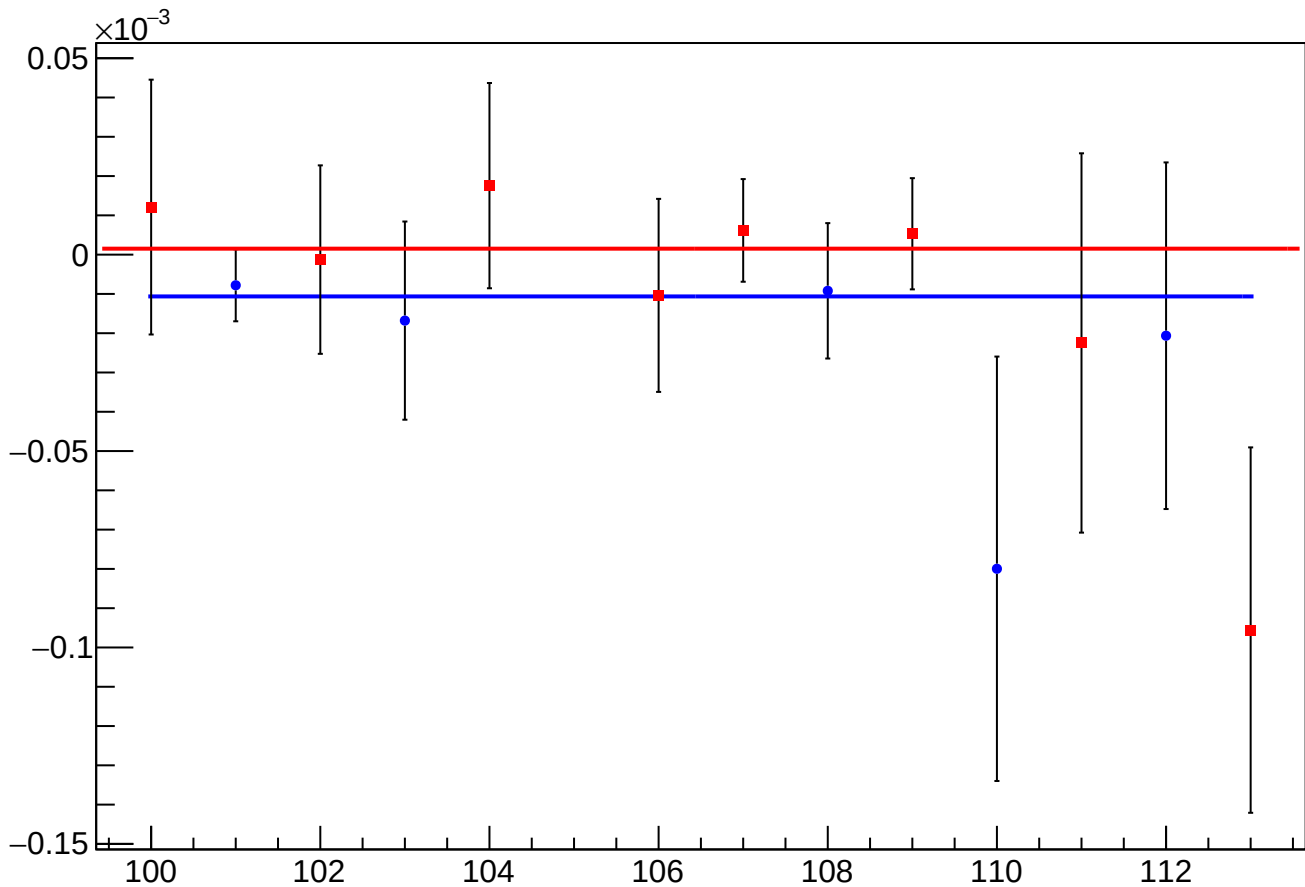
Right: 252.643 $\pm$ 0.076 χ^2 /NDF: 192055.6/12

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: 252.643 $\pm$ 0.076 χ^2 /NDF: 192055.6/12

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 : 5.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

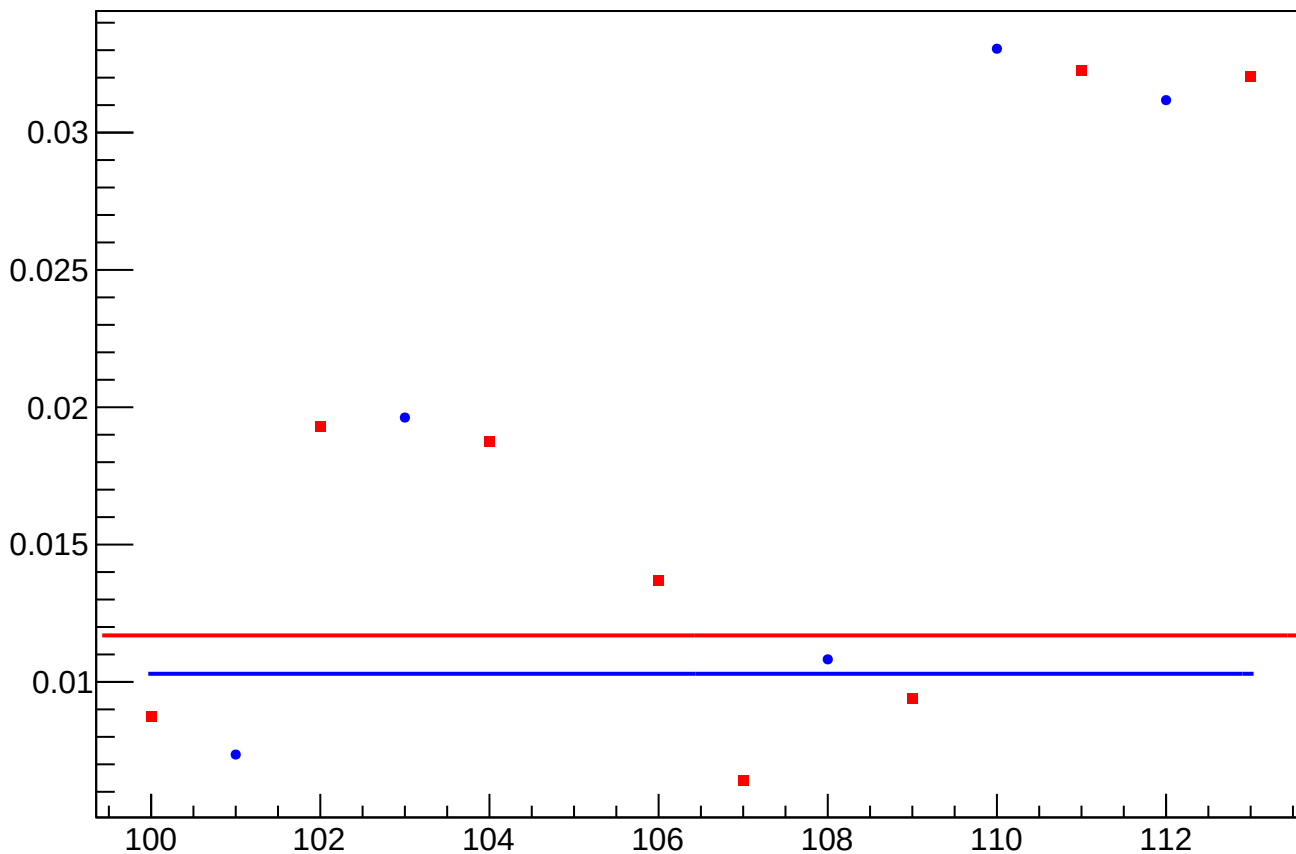
Right: -0.000+/-0.000 χ^2/NDF : 8.7/12

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 : 8.7/12

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: 0.012+/-0.000 χ^2/NDF : 1503189.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

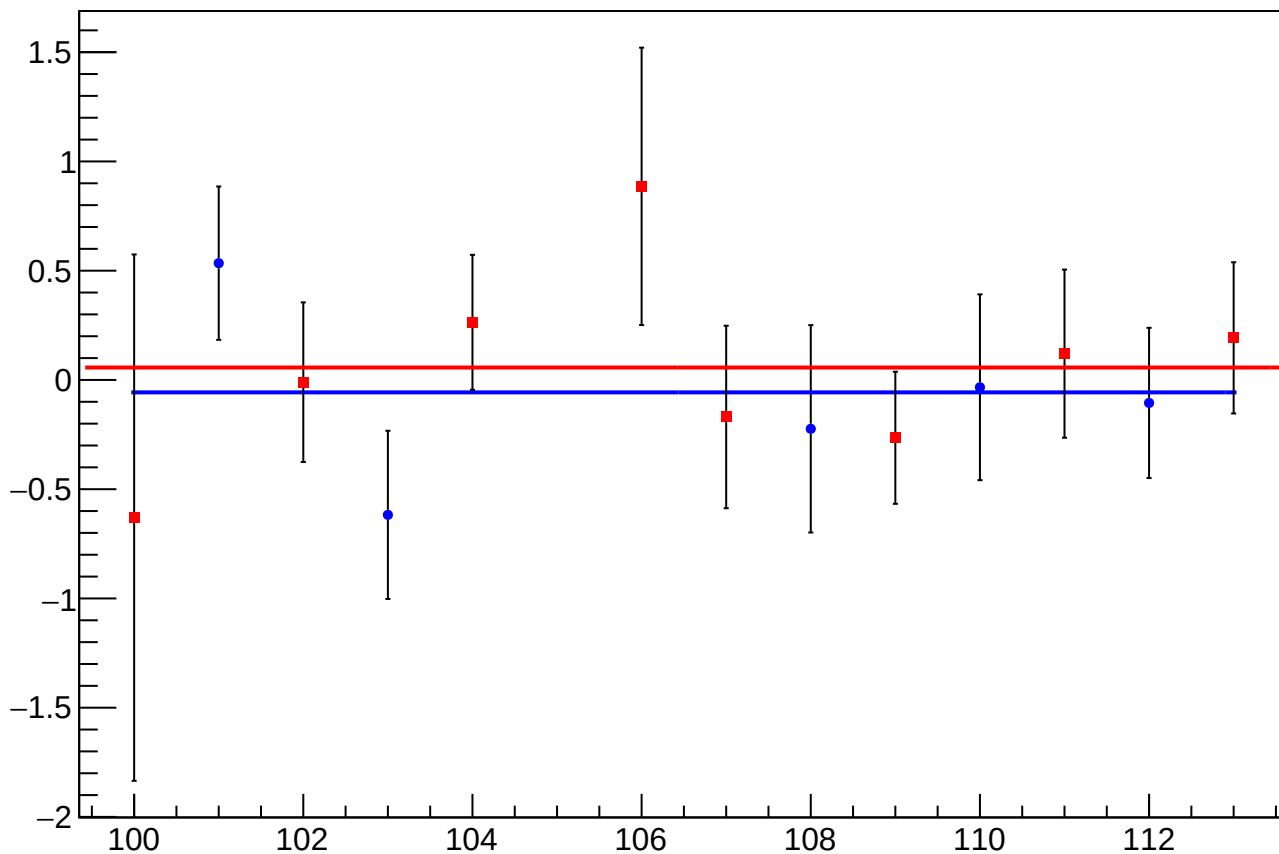
Right: 0.011+/-0.000 χ^2/NDF : 2821583.8/12

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 : 2821583.8/12

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: 0.057+/-0.137 χ^2/NDF : 4.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

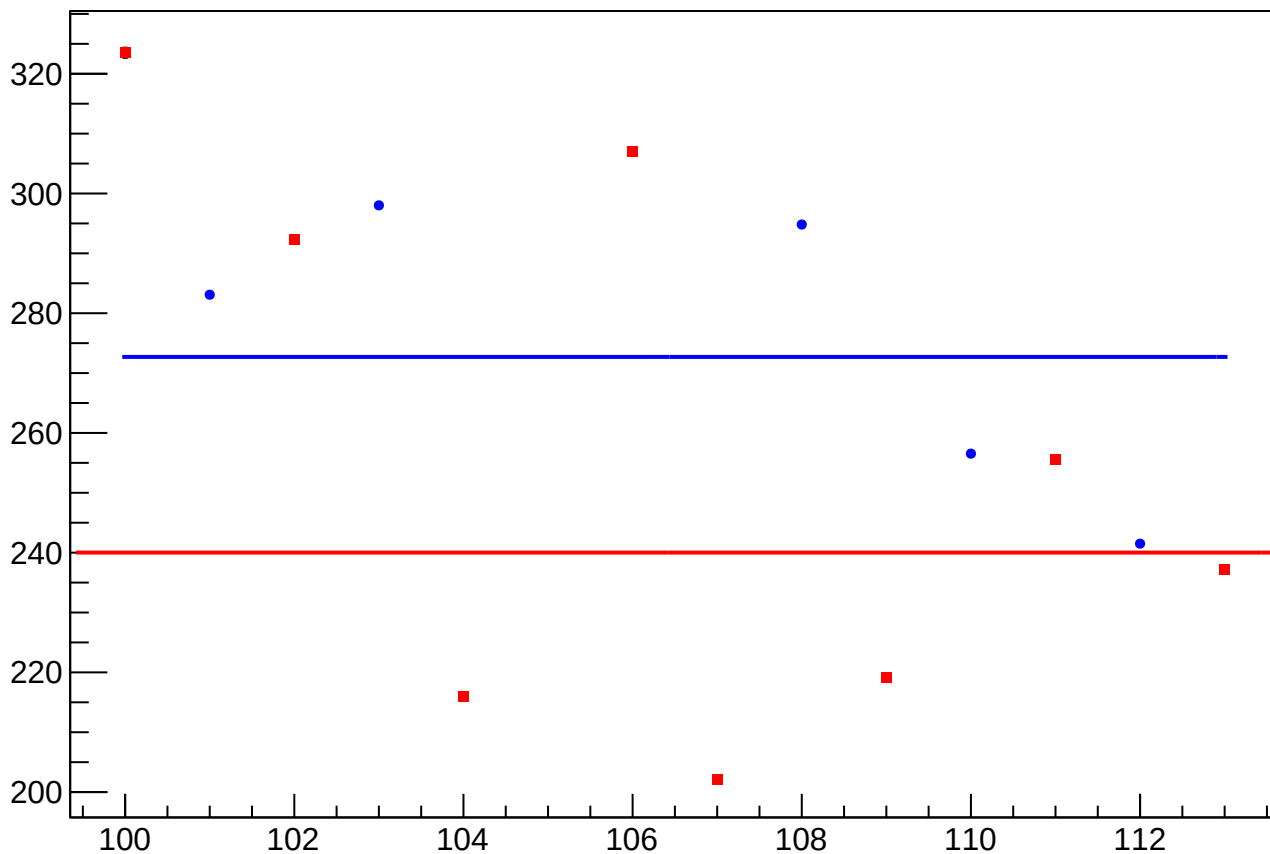
Right: 0.013+/-0.108 χ^2/NDF : 9.5/12

In: -0.057+/-0.173 χ^2/NDF :5.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.013+/-0.108 χ^2/NDF : 9.5/12

asym_sam2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 272.700 $\pm$ 0.123 χ^2 /NDF: 34115.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 240.013 $\pm$ 0.097 χ^2 /NDF: 114263.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

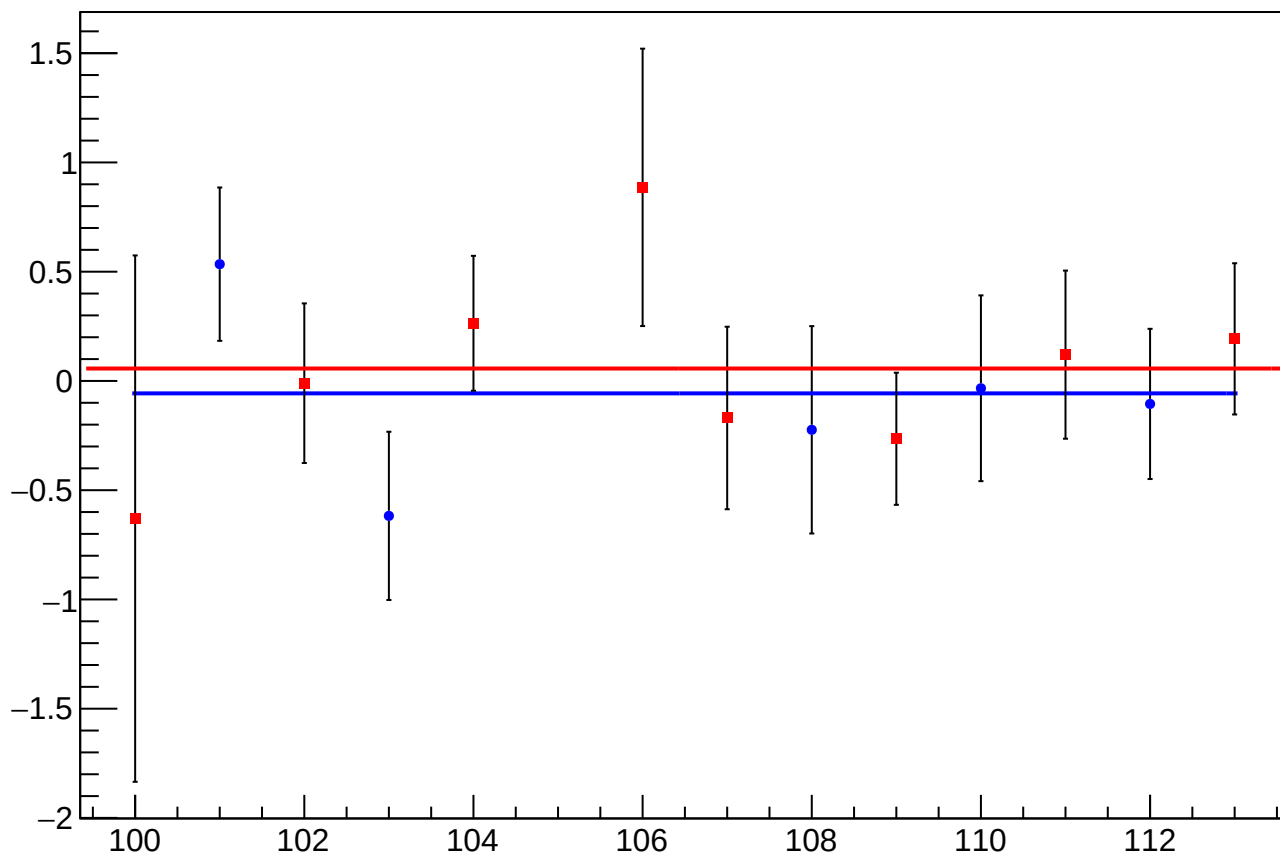
Right: 252.636 $\pm$ 0.076 χ^2 /NDF: 192065.4/12

In: 272.700 $\pm$ 0.123 χ^2 /NDF:34115.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 252.636 $\pm$ 0.076 χ^2 /NDF: 192065.4/12

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: 0.057+/-0.137 χ^2/NDF : 4.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

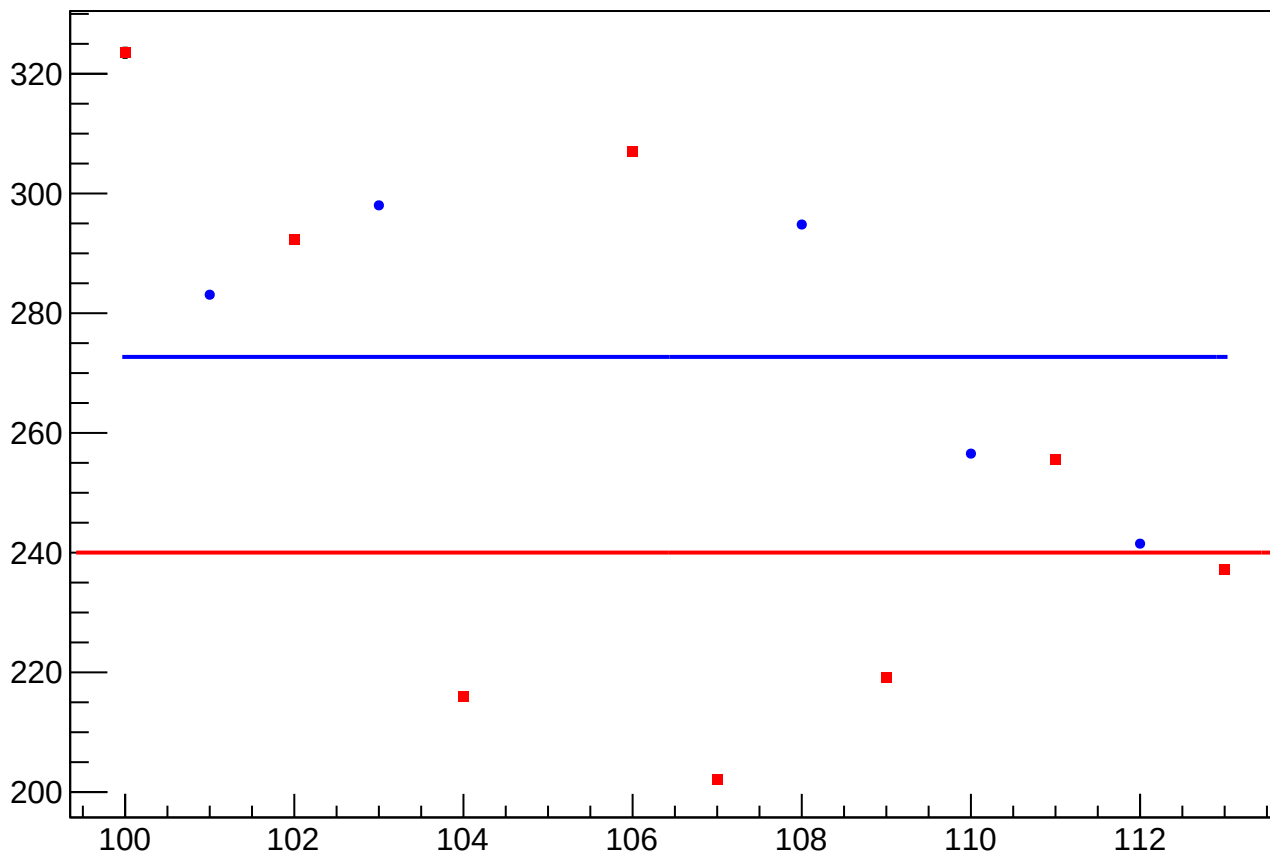
Right: 0.013+/-0.108 χ^2/NDF : 9.5/12

In: -0.057+/-0.173 χ^2/NDF : 5.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.108 χ^2/NDF : 9.5/12

asym_sam2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 272.700 $\pm$ 0.123 χ^2 /NDF: 34115.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 240.013 $\pm$ 0.097 χ^2 /NDF: 114263.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

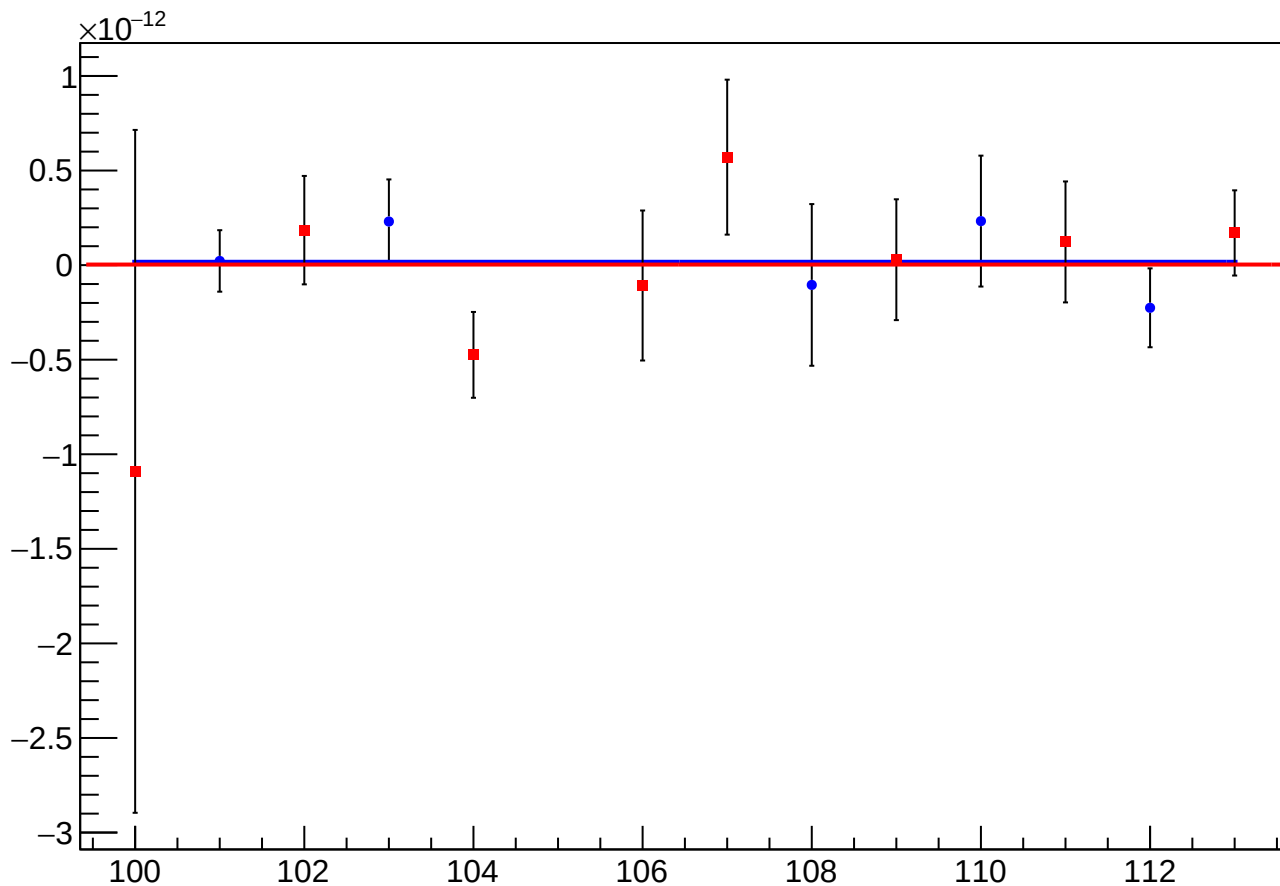
Right: 252.636 $\pm$ 0.076 χ^2 /NDF: 192065.4/12

In: 272.700 $\pm$ 0.123 χ^2 /NDF:34115.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 252.636 $\pm$ 0.076 χ^2 /NDF: 192065.4/12

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 : 7.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

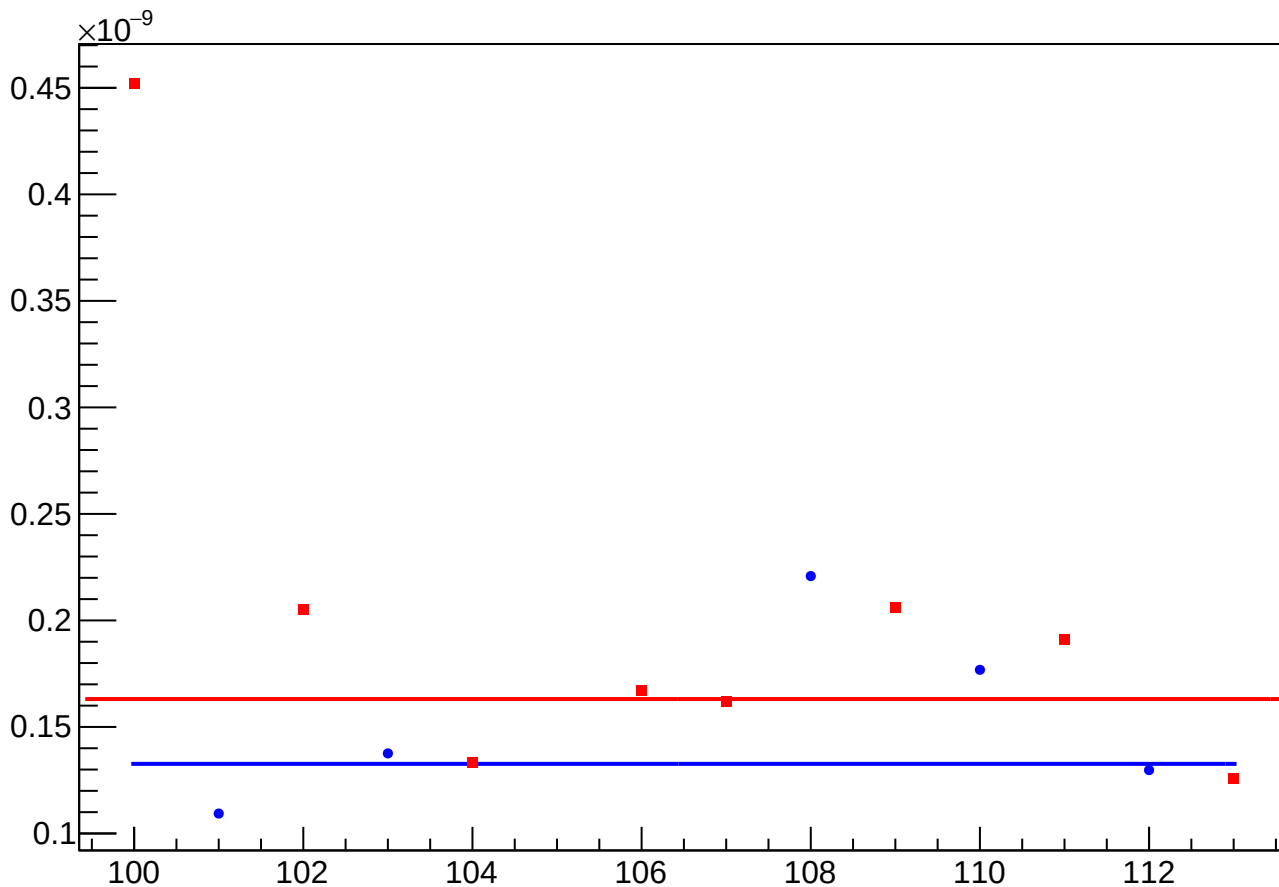
Right: 0.000+/-0.000 χ^2/NDF : 10.6/12

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 : 10.6/12

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 : 235300.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

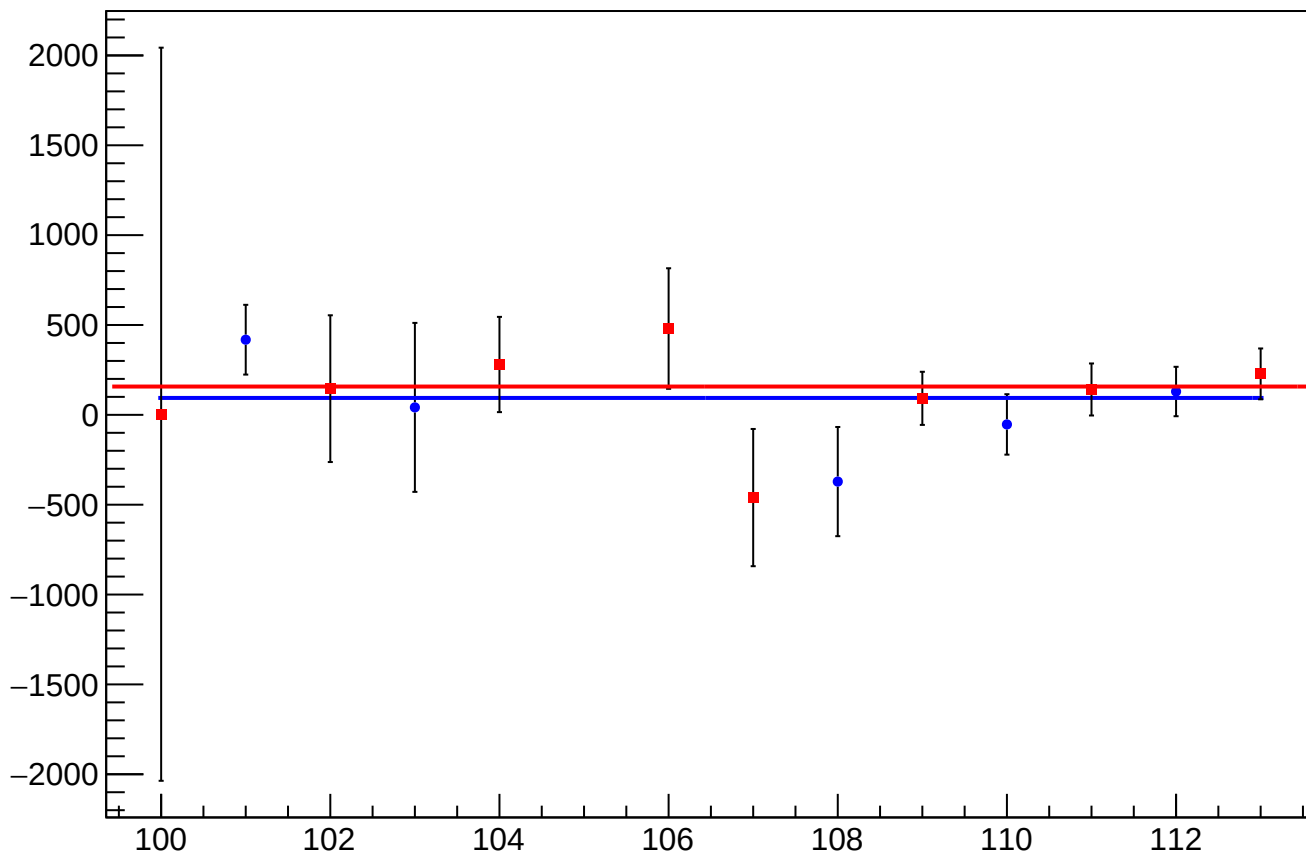
Right: 0.000+/-0.000 χ^2/NDF : 477658.6/12

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 : 477658.6/12

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: 157.495+/-74.598 χ^2/NDF : 4.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

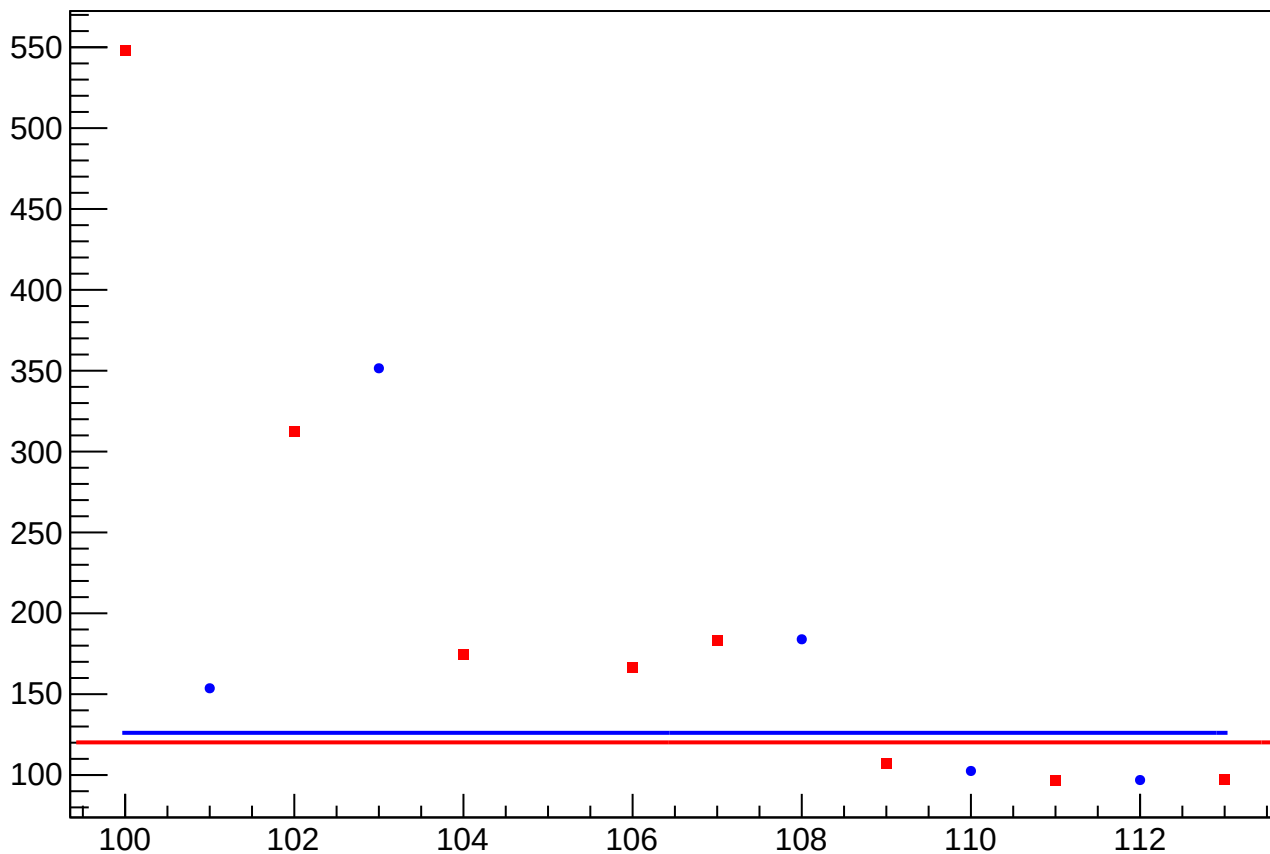
Right: 130.859+/-56.810 χ^2/NDF : 10.5/12

In: 94.085+/-87.654 χ^2/NDF : 6.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.859+/-56.810 χ^2/NDF : 10.5/12

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: 120.191+/-0.053 χ^2/NDF : 829027.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

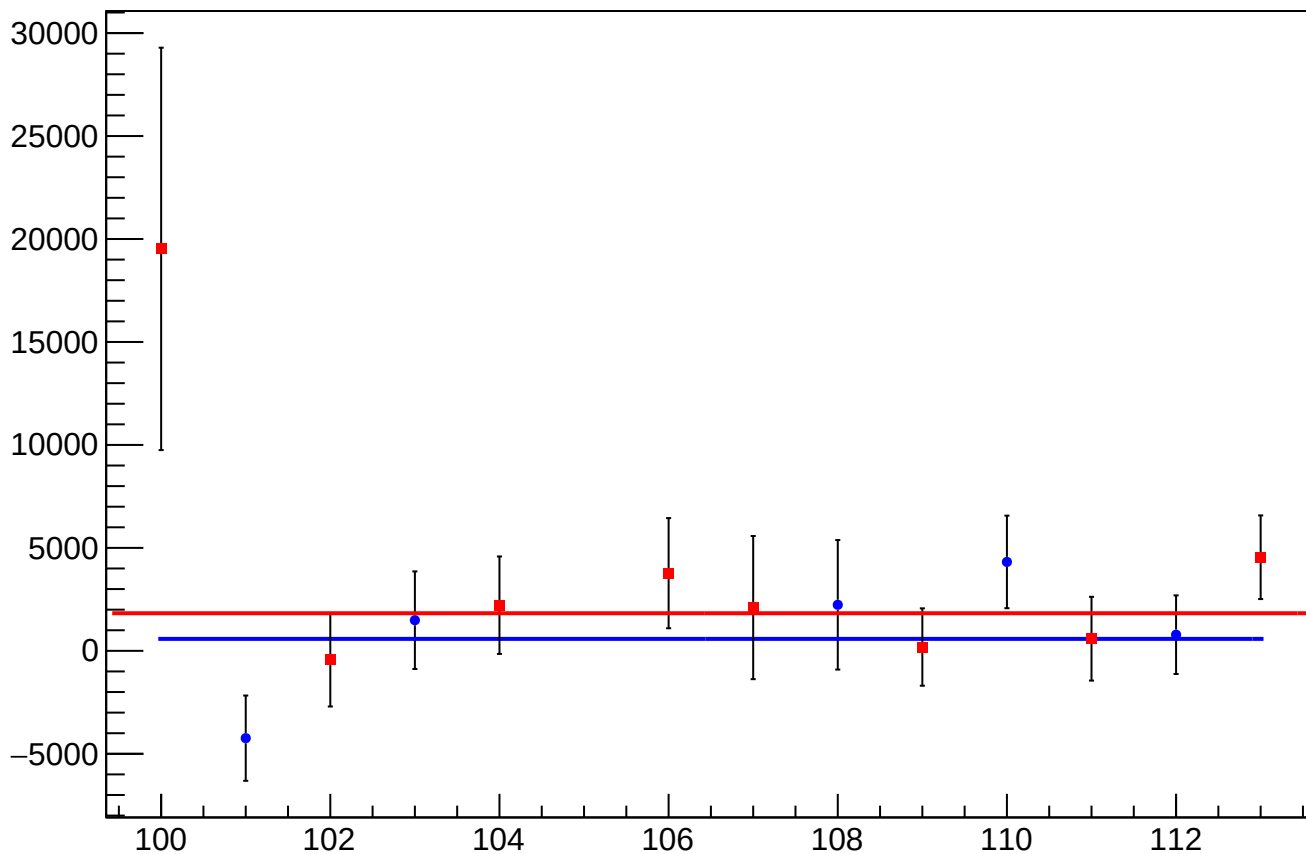
Right: 122.673+/-0.040 χ^2/NDF : 1536276.7/12

In: 126.100+/-0.062 χ^2/NDF : 701978.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.673+/-0.040 χ^2/NDF : 1536276.7/12

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: 1826.633+/-852.907 χ^2/NDF : 7.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

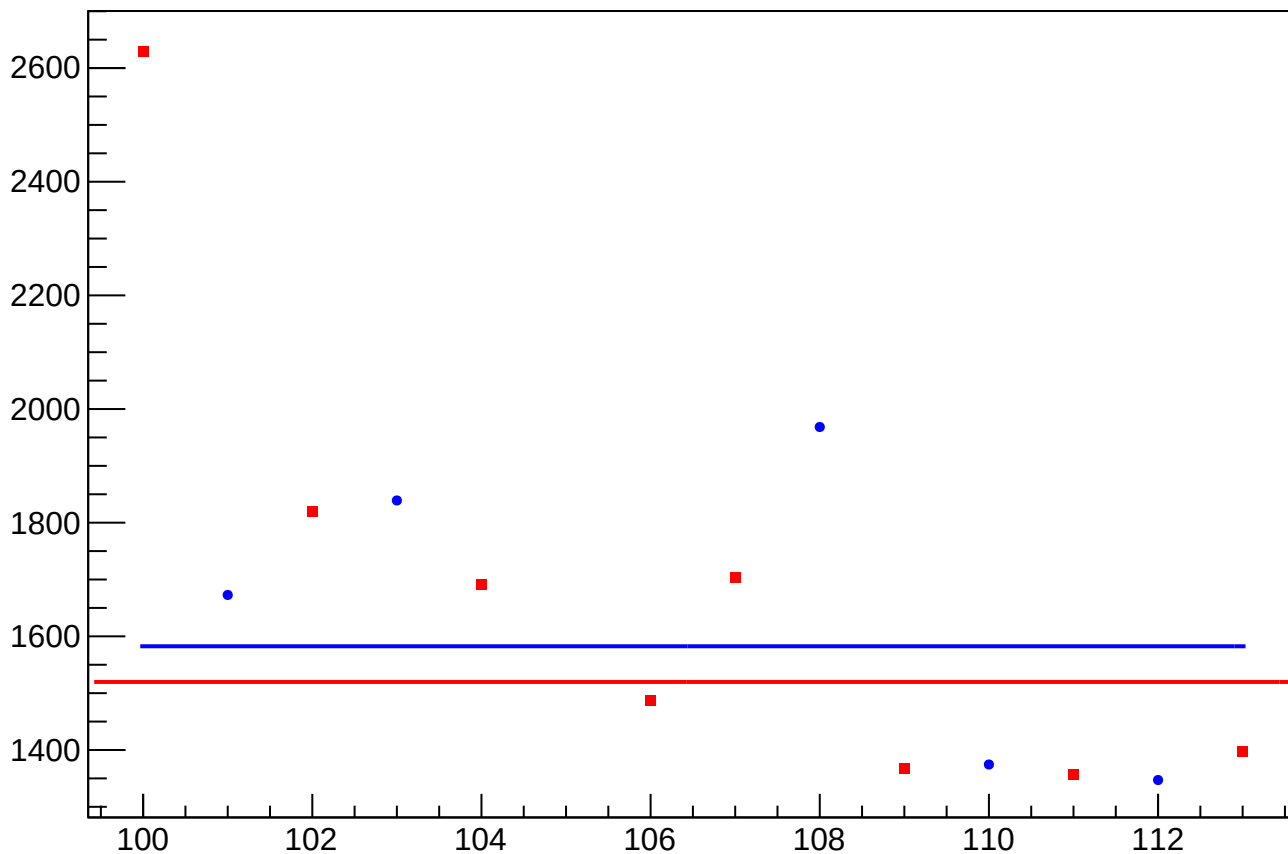
Right: 1306.807+/-651.008 χ^2/NDF : 17.3/12

In: 581.250+/-1007.648 χ^2/NDF : 8.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1306.807+/-651.008 χ^2/NDF : 17.3/12

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: 1519.749+/-0.603 χ^2/NDF : 110229.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

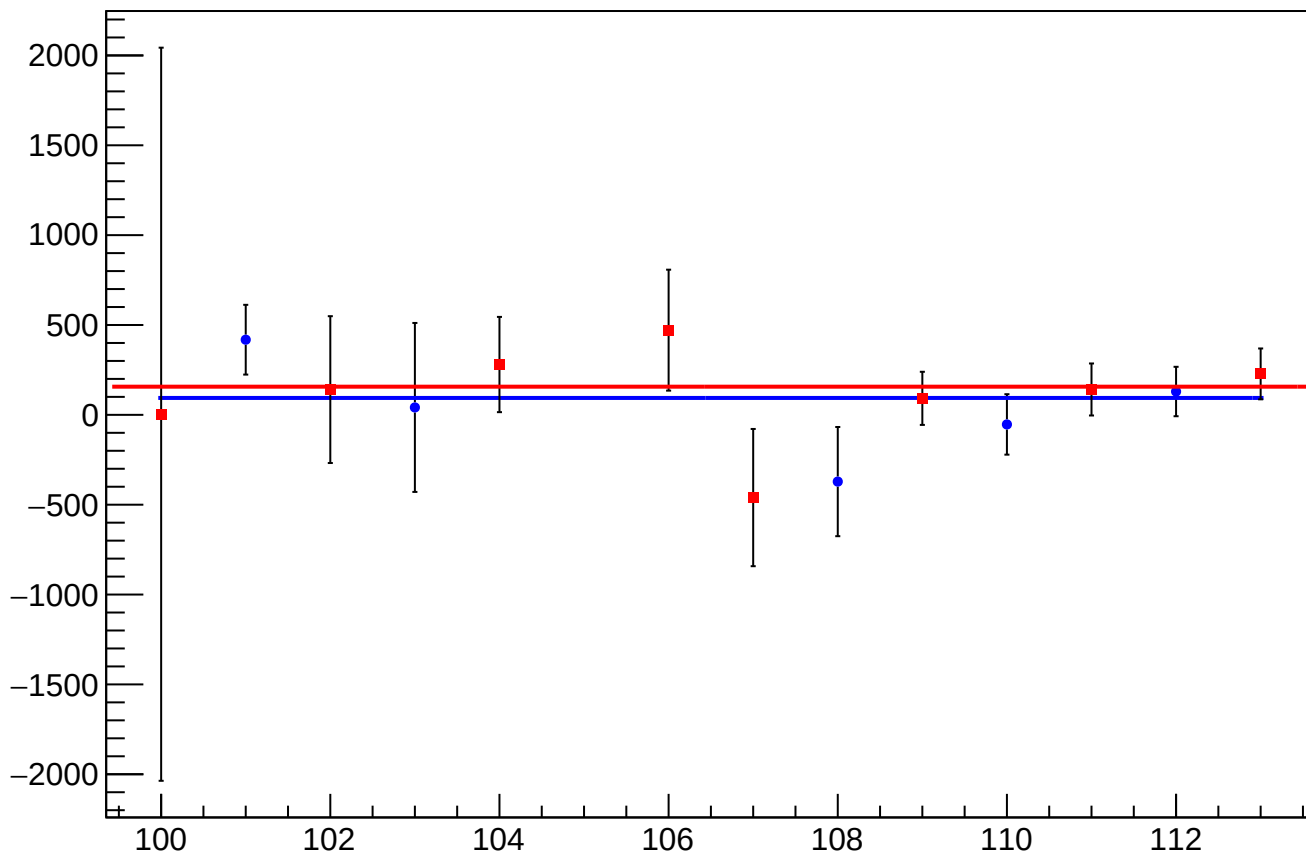
Right: 1545.943+/-0.460 χ^2/NDF : 219666.8/12

In: 1582.505+/-0.713 χ^2/NDF : 104917.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1545.943+/-0.460 χ^2/NDF : 219666.8/12

cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 94.060+/-87.654 χ^2/NDF : 6.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.764+/-74.611 χ^2/NDF : 4.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

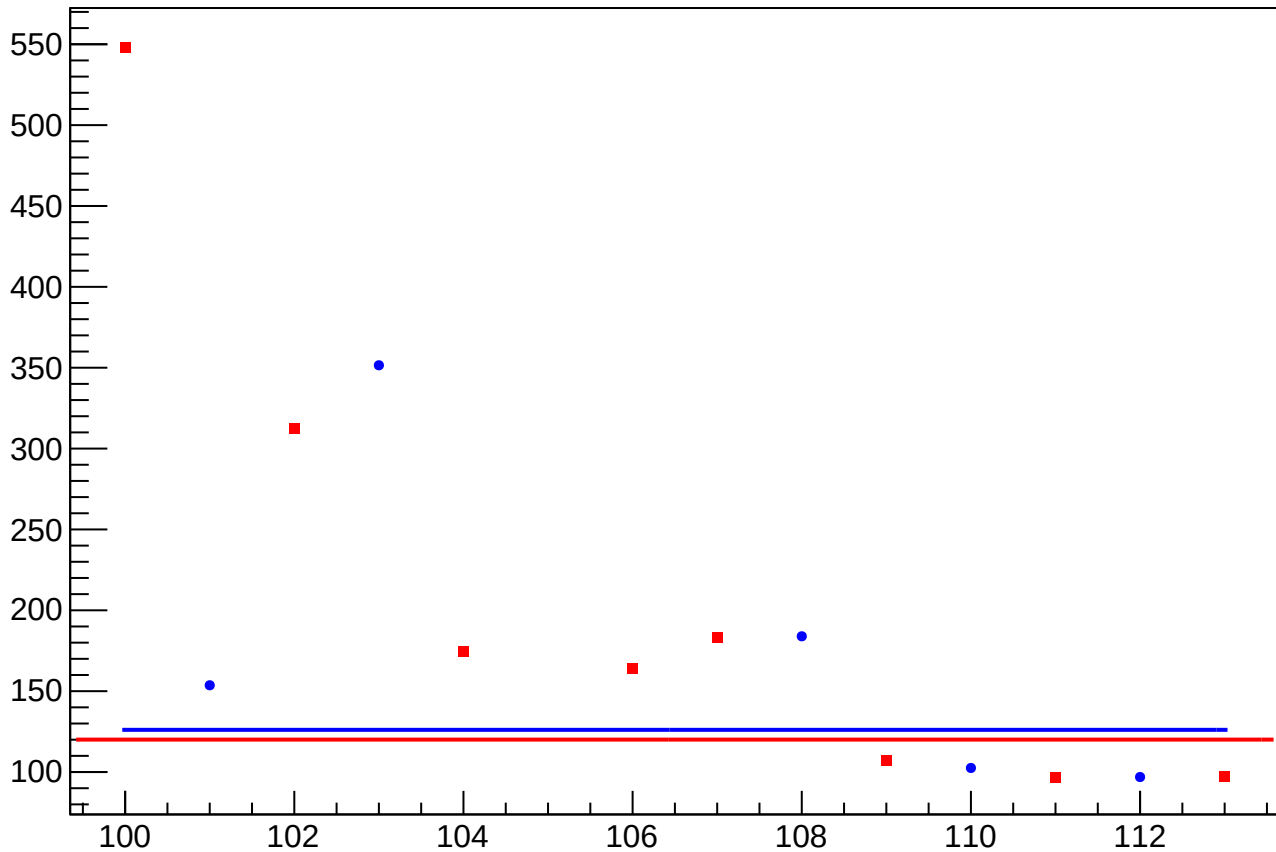
Right: 130.420+/-56.815 χ^2/NDF : 10.4/12

In: 94.060+/-87.654 χ^2/NDF : 6.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.420+/-56.815 χ^2/NDF : 10.4/12

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: 120.054+/-0.053 χ^2/NDF : 825038.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

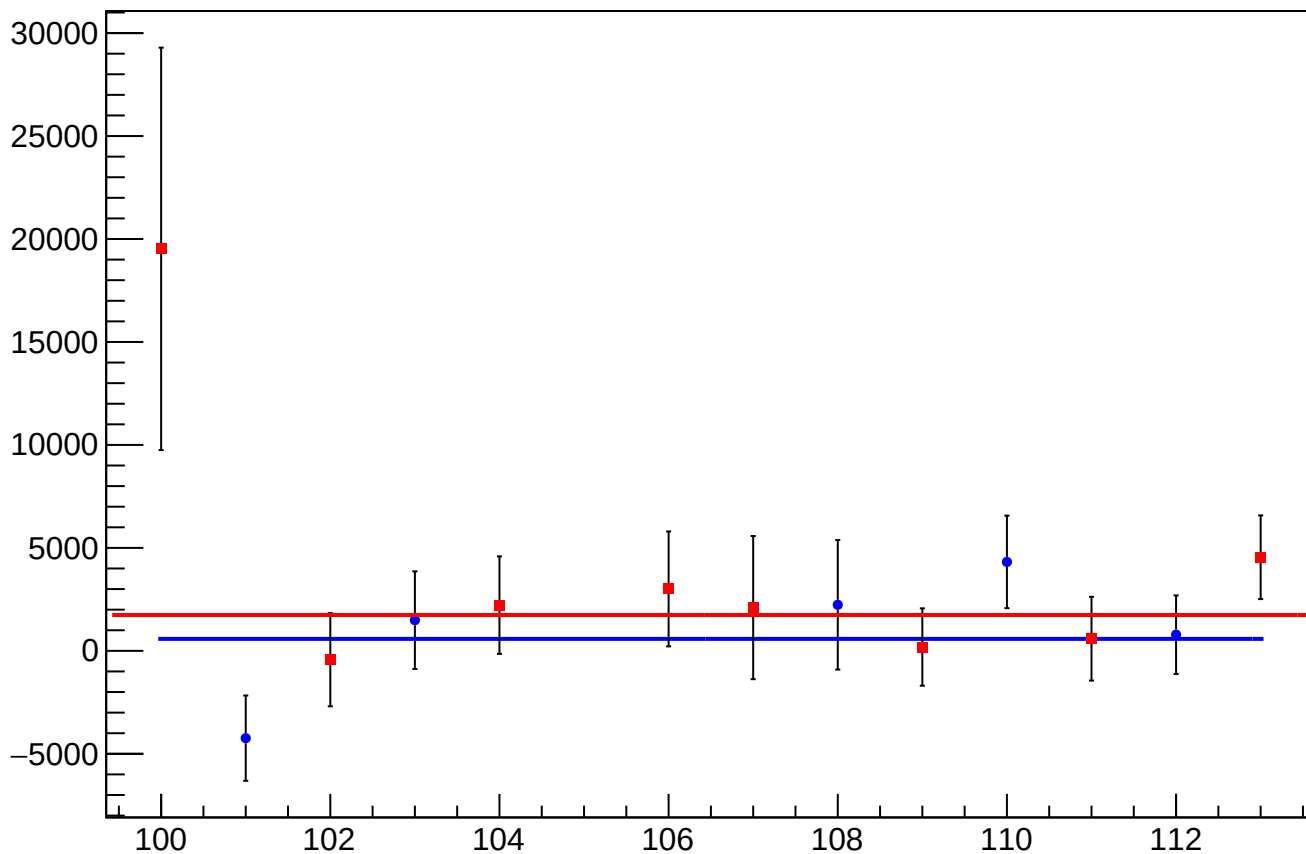
Right: 122.594+/-0.040 χ^2/NDF : 1532536.1/12

In: 126.100+/-0.062 χ^2/NDF : 701980.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.594+/-0.040 χ^2/NDF : 1532536.1/12

asym_sam3_cor_correction_mean vs Slug, Sign Corrected



Right In: 581.332 $\pm$ 1007.668 χ^2 /NDF: 8.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1741.137 $\pm$ 856.542 χ^2 /NDF: 7.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

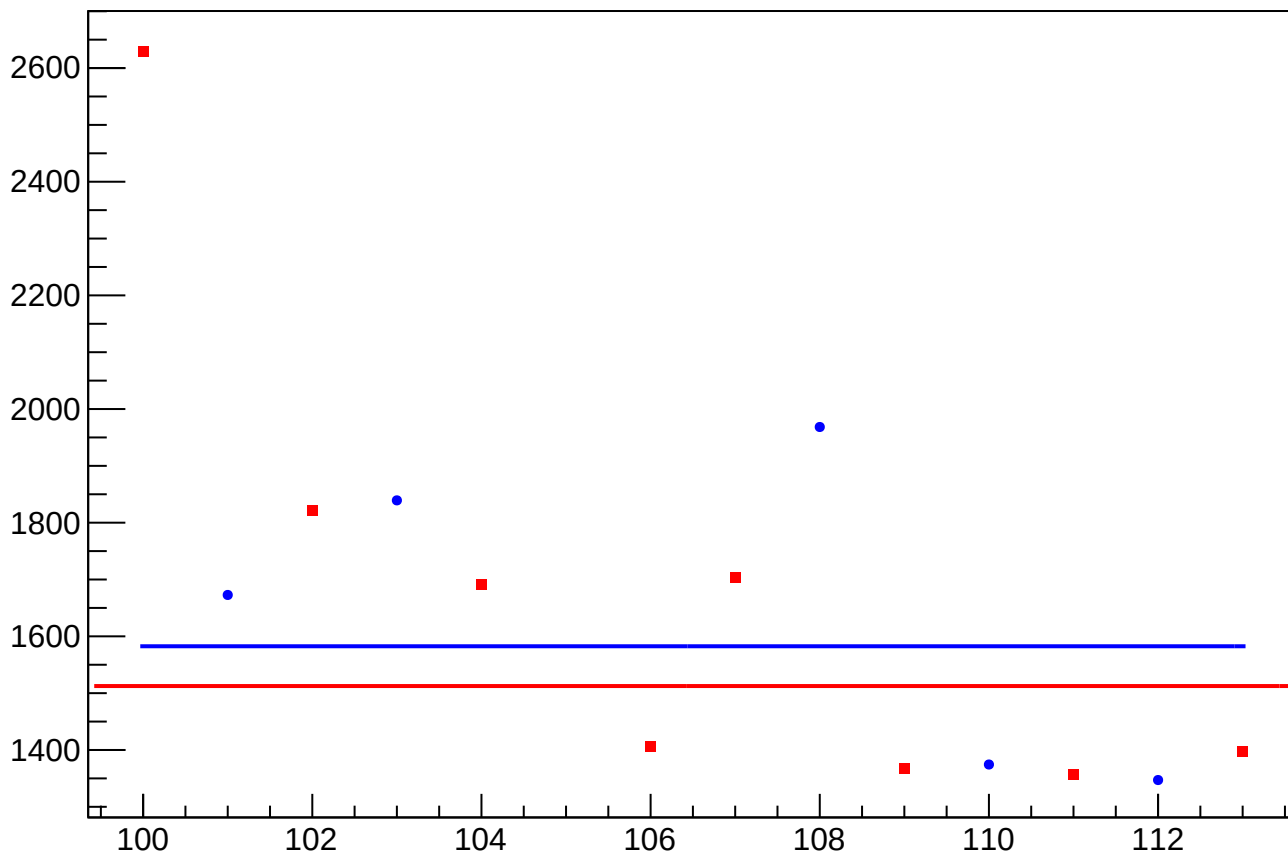
Right: 1254.642 $\pm$ 652.625 χ^2 /NDF: 16.8/12

In: 581.332 $\pm$ 1007.668 χ^2 /NDF: 8.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1254.642 $\pm$ 652.625 χ^2 /NDF: 16.8/12

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: 1512.519+/-0.606 χ^2/NDF : 113391.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

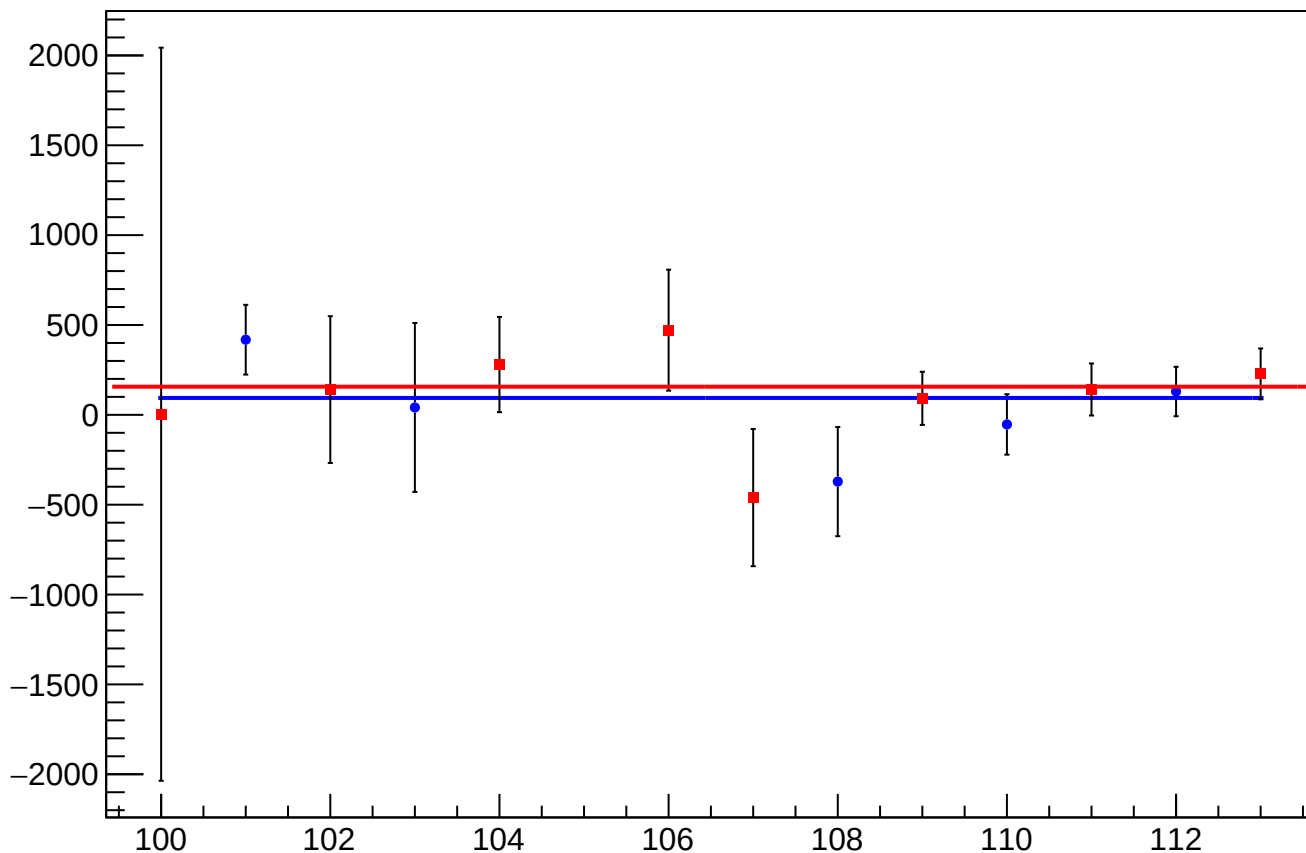
Right: 1541.886+/-0.461 χ^2/NDF : 223944.9/12

In: 1582.530+/-0.713 χ^2/NDF : 104948.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1541.886+/-0.461 χ^2/NDF : 223944.9/12

eigen_cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 94.060+/-87.654 χ^2/NDF : 6.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.764+/-74.611 χ^2/NDF : 4.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

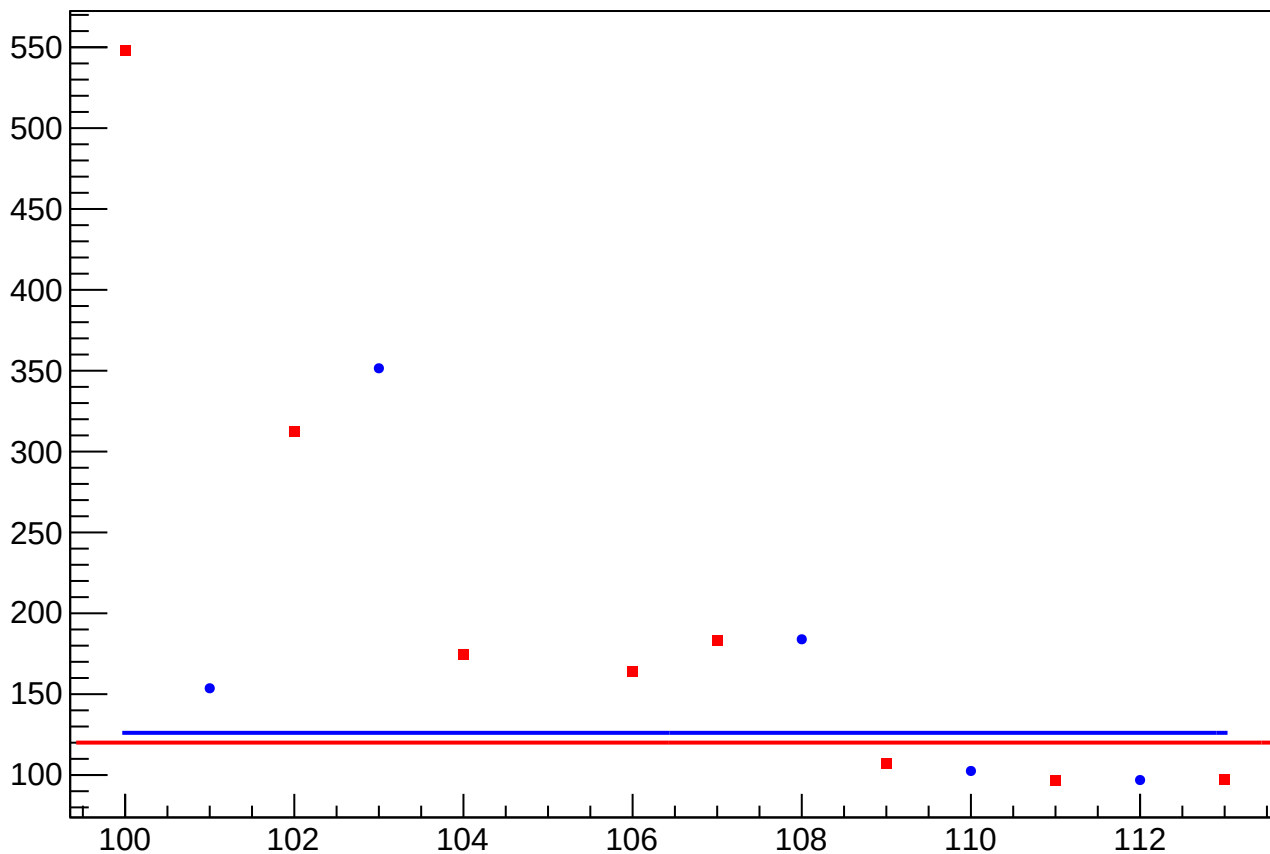
Right: 130.420+/-56.815 χ^2/NDF : 10.4/12

In: 94.060+/-87.654 χ^2/NDF : 6.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.420+/-56.815 χ^2/NDF : 10.4/12

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: 120.054+/-0.053 χ^2/NDF : 825038.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

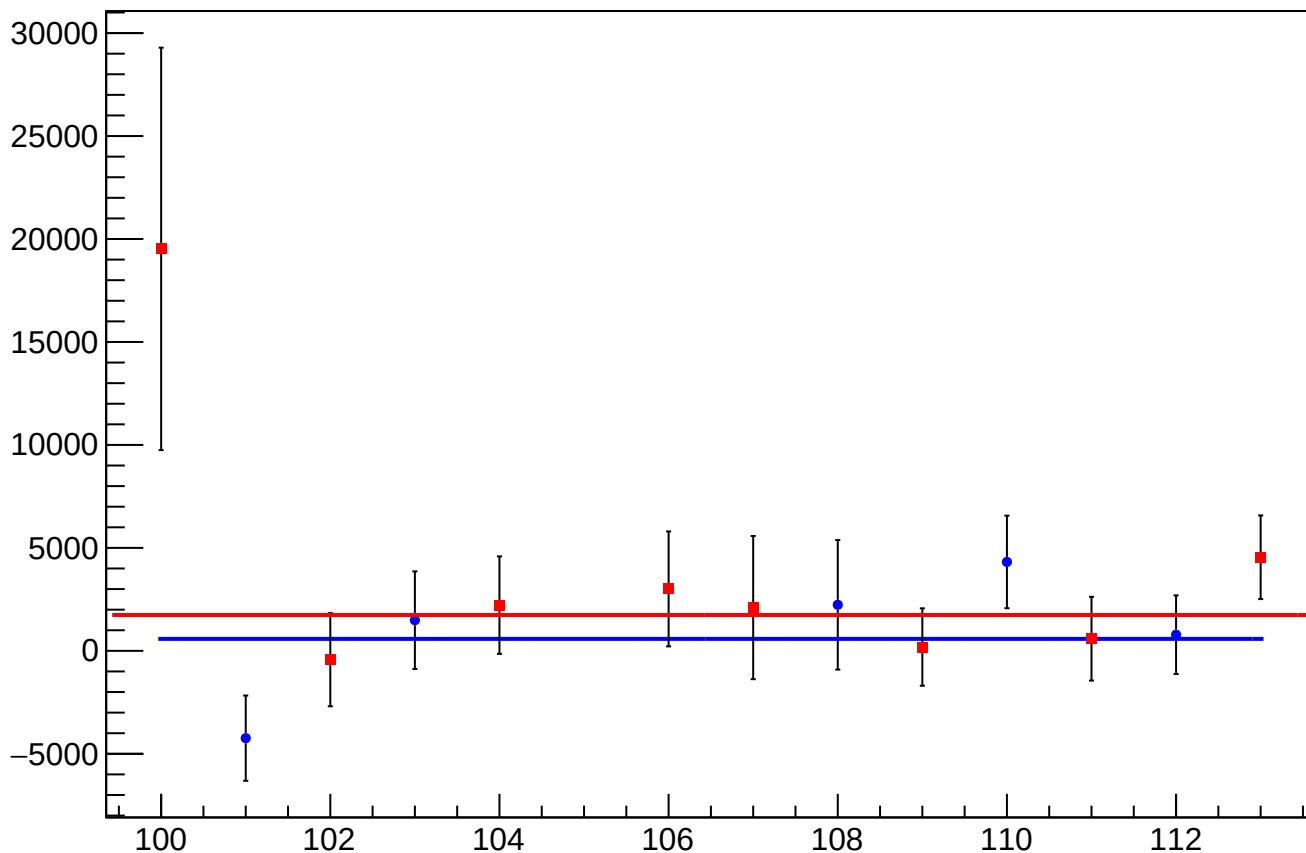
Right: 122.594+/-0.040 χ^2/NDF : 1532536.1/12

In: 126.100+/-0.062 χ^2/NDF : 701980.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.594+/-0.040 χ^2/NDF : 1532536.1/12

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: 1741.137+/-856.542 χ^2/NDF : 7.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

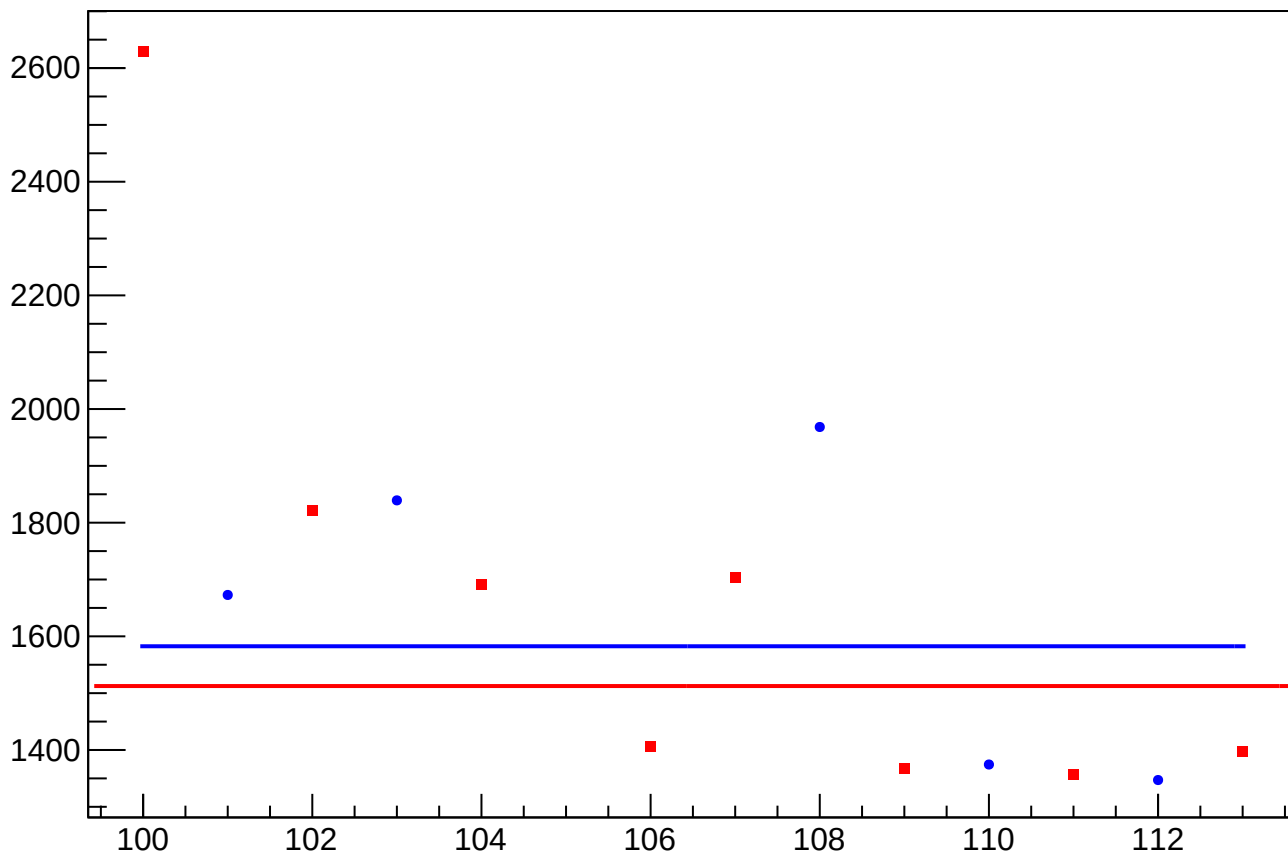
Right: 1254.642+/-652.625 χ^2/NDF : 16.8/12

In: 581.332+/-1007.668 χ^2/NDF : 8.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1254.642+/-652.625 χ^2/NDF : 16.8/12

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: 1512.519+/-0.606 χ^2/NDF : 113391.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

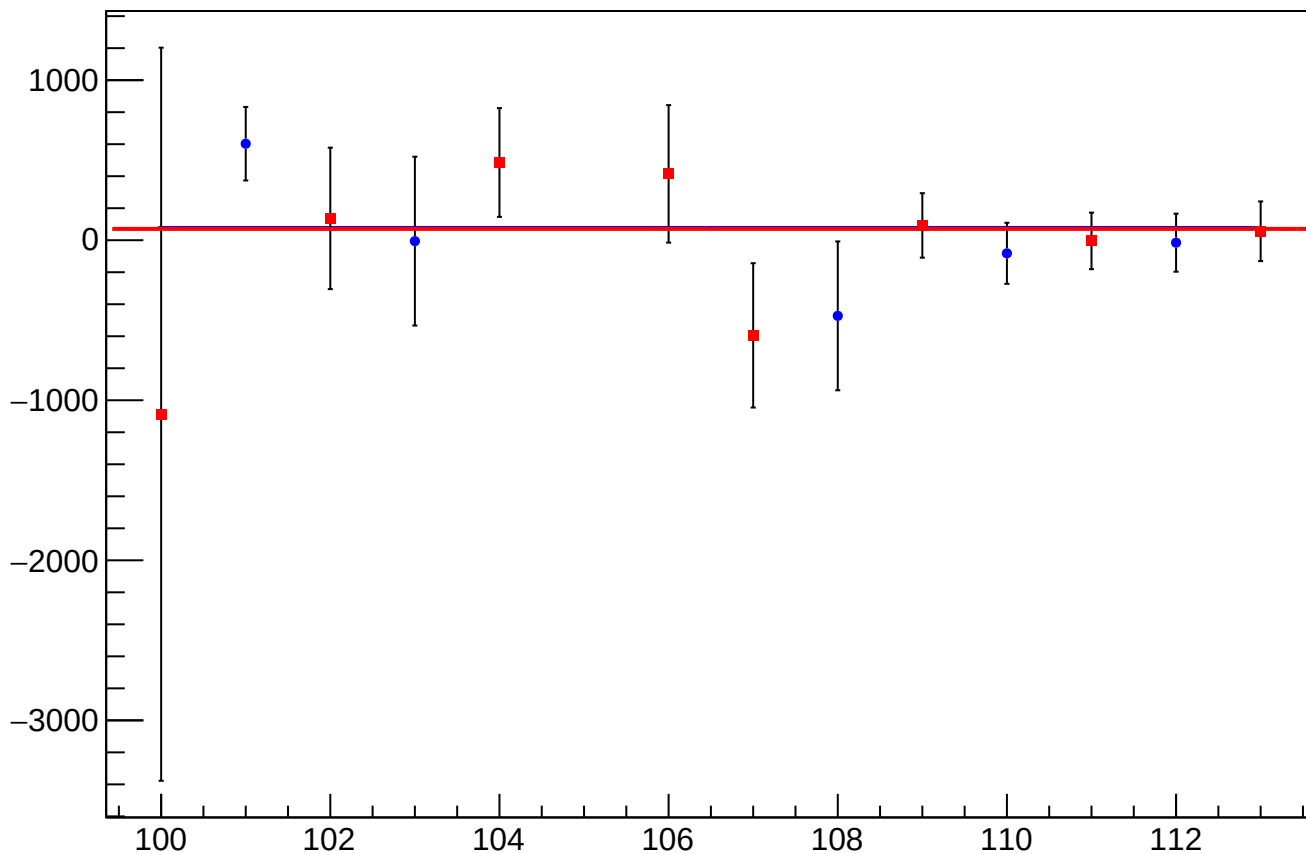
Right: 1541.886+/-0.461 χ^2/NDF : 223944.9/12

In: 1582.530+/-0.713 χ^2/NDF : 104948.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1541.886+/-0.461 χ^2/NDF : 223944.9/12

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: 70.769+/-95.451 χ^2/NDF : 4.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

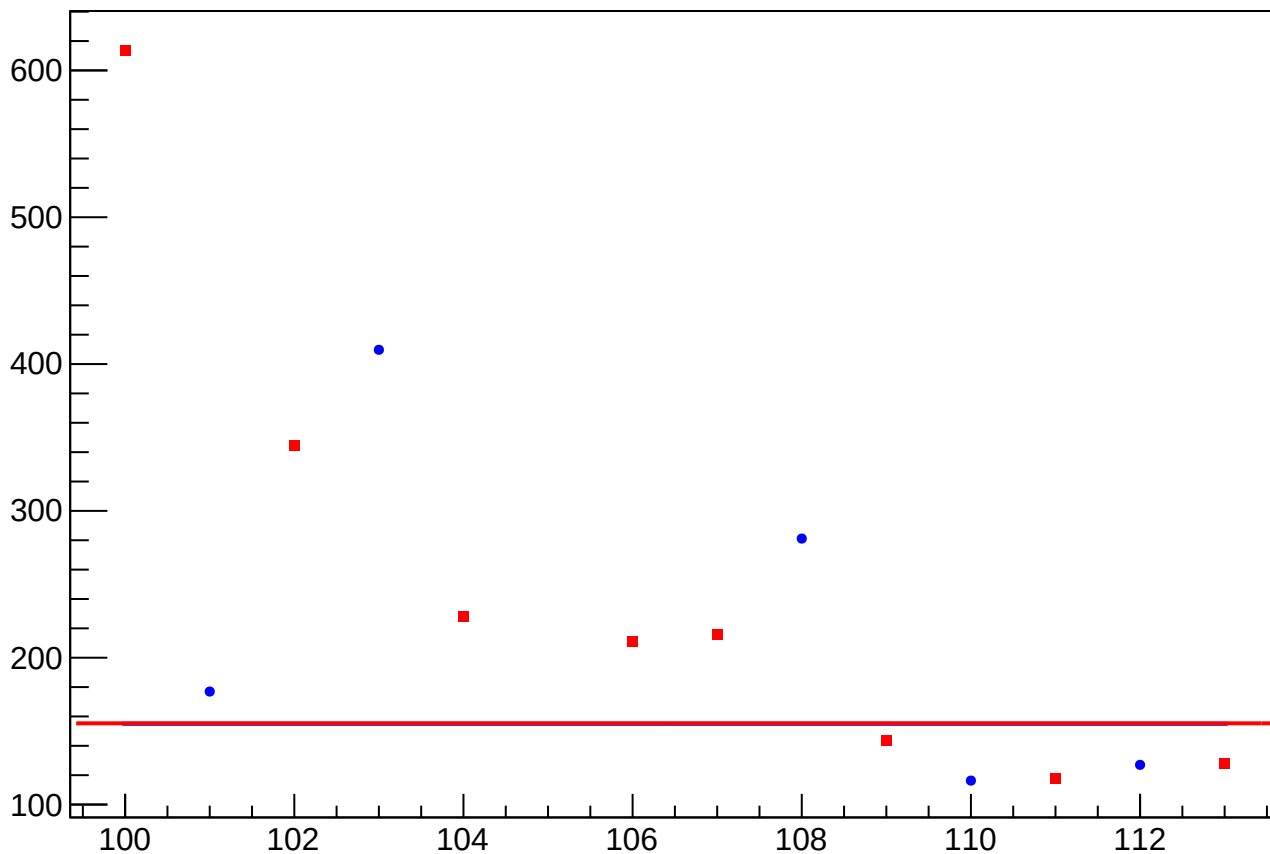
Right: 73.286+/-71.646 χ^2/NDF : 12.4/12

In: 76.535+/-108.433 χ^2/NDF : 7.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.286+/-71.646 χ^2/NDF : 12.4/12

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 155.018 $\pm$ 0.077 χ^2 /NDF: 761676.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 155.312 $\pm$ 0.067 χ^2 /NDF: 750117.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

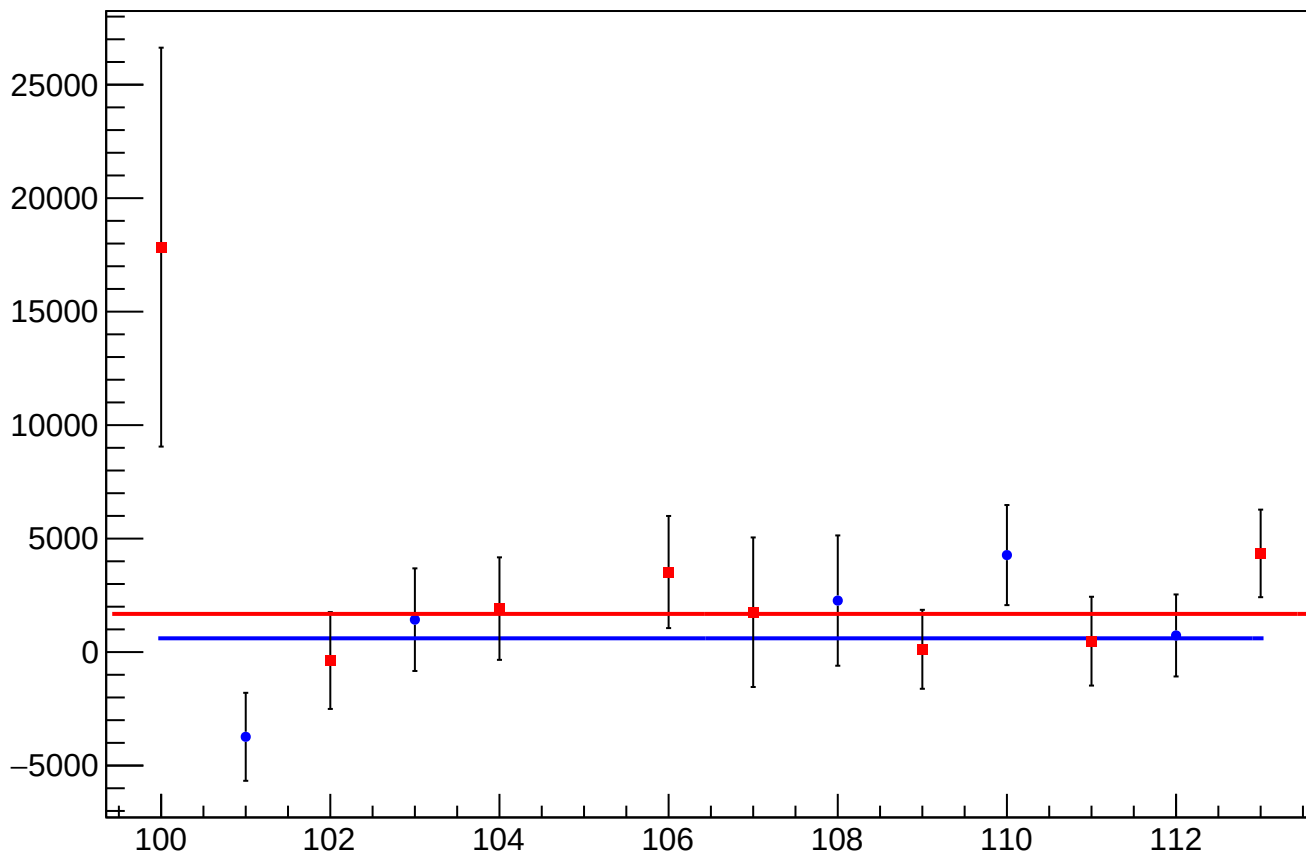
Right: 155.184 $\pm$ 0.051 χ^2 /NDF: 1511801.8/12

In: 155.018 $\pm$ 0.077 χ^2 /NDF:761676.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 155.184 $\pm$ 0.051 χ^2 /NDF: 1511801.8/12

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: 1682.131+/-804.495 χ^2/NDF : 8.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

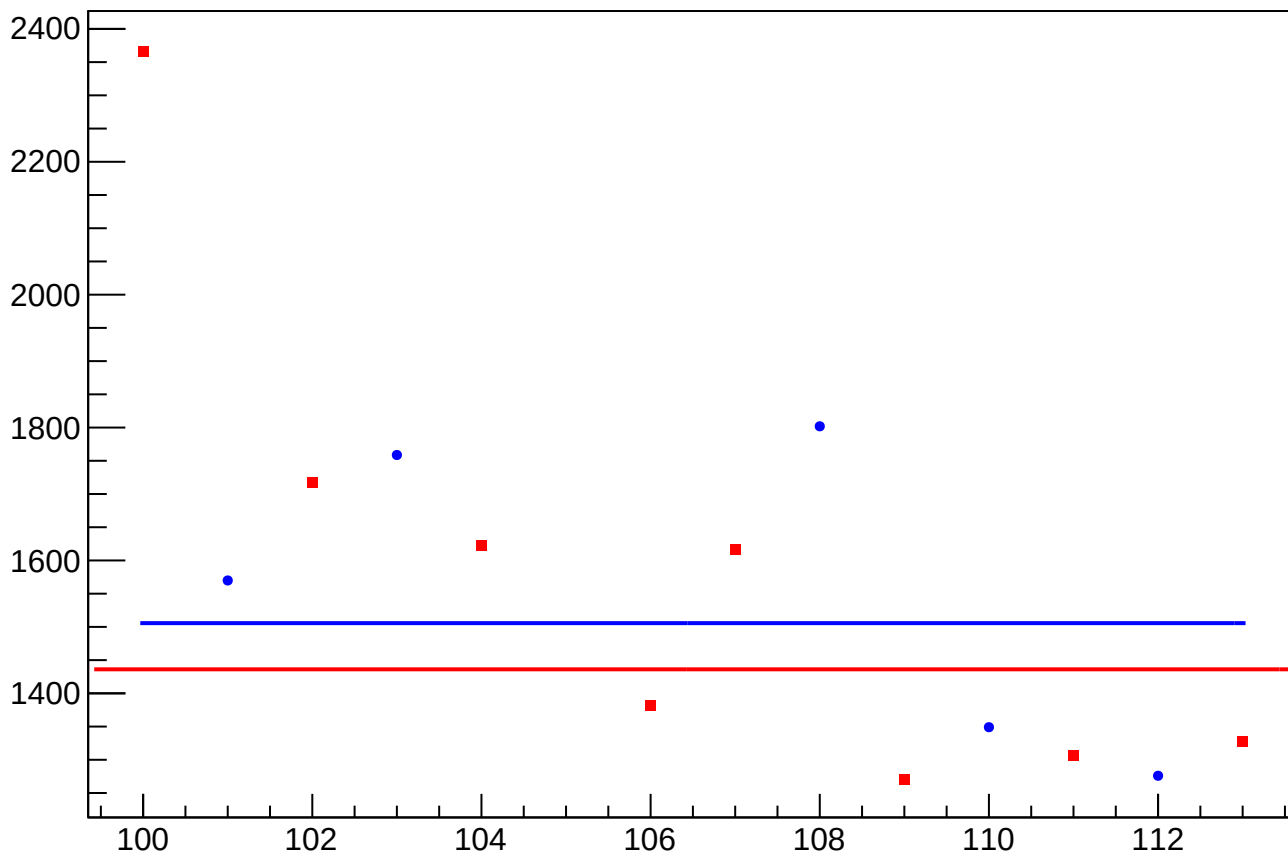
Right: 1236.086+/-615.437 χ^2/NDF : 17.0/12

In: 606.749+/-955.599 χ^2/NDF : 8.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1236.086+/-615.437 χ^2/NDF : 17.0/12

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: 1436.158+/-0.569 χ^2/NDF : 111215.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

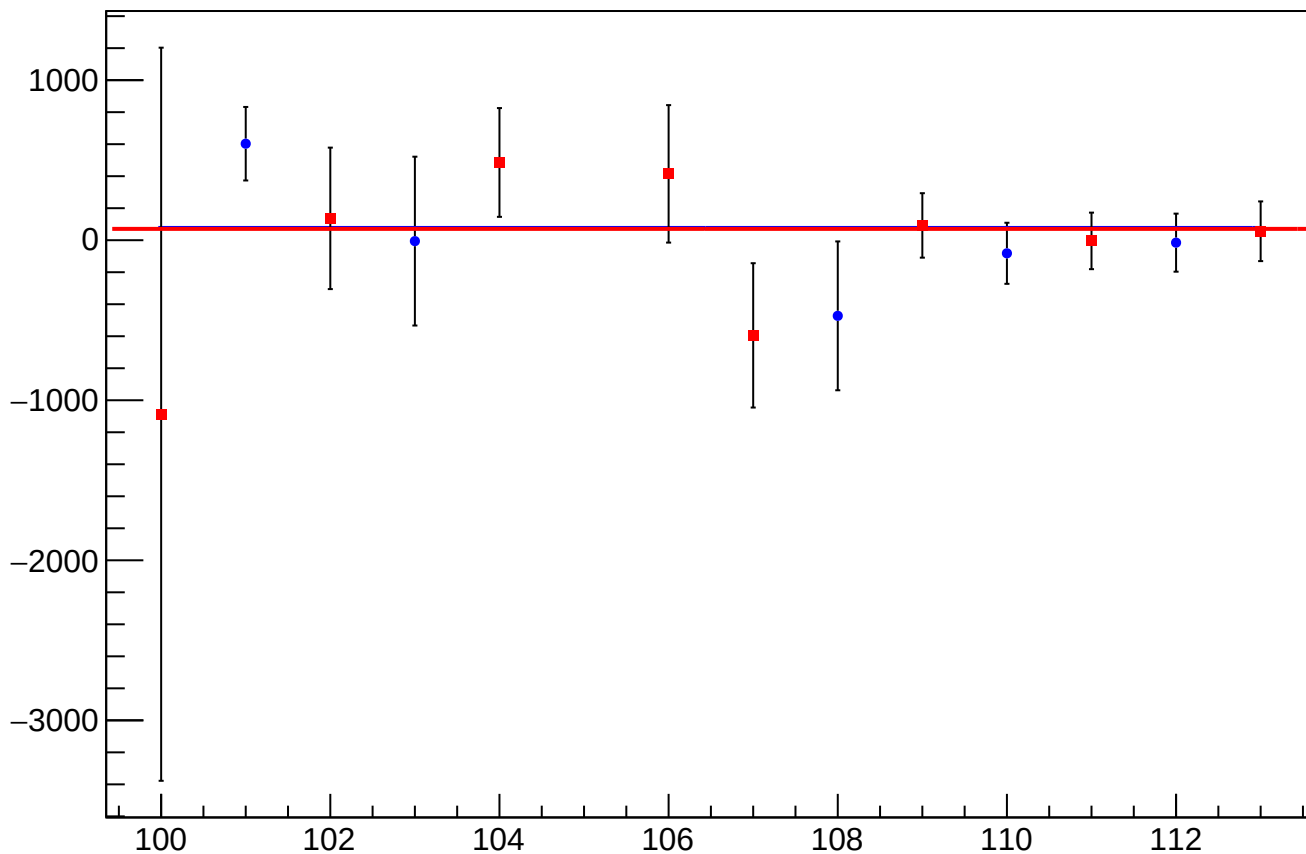
Right: 1464.982+/-0.435 χ^2/NDF : 208366.5/12

In: 1505.651+/-0.676 χ^2/NDF : 90961.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1464.982+/-0.435 χ^2/NDF : 208366.5/12

eigen_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: 70.767+/-95.452 χ^2/NDF : 4.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

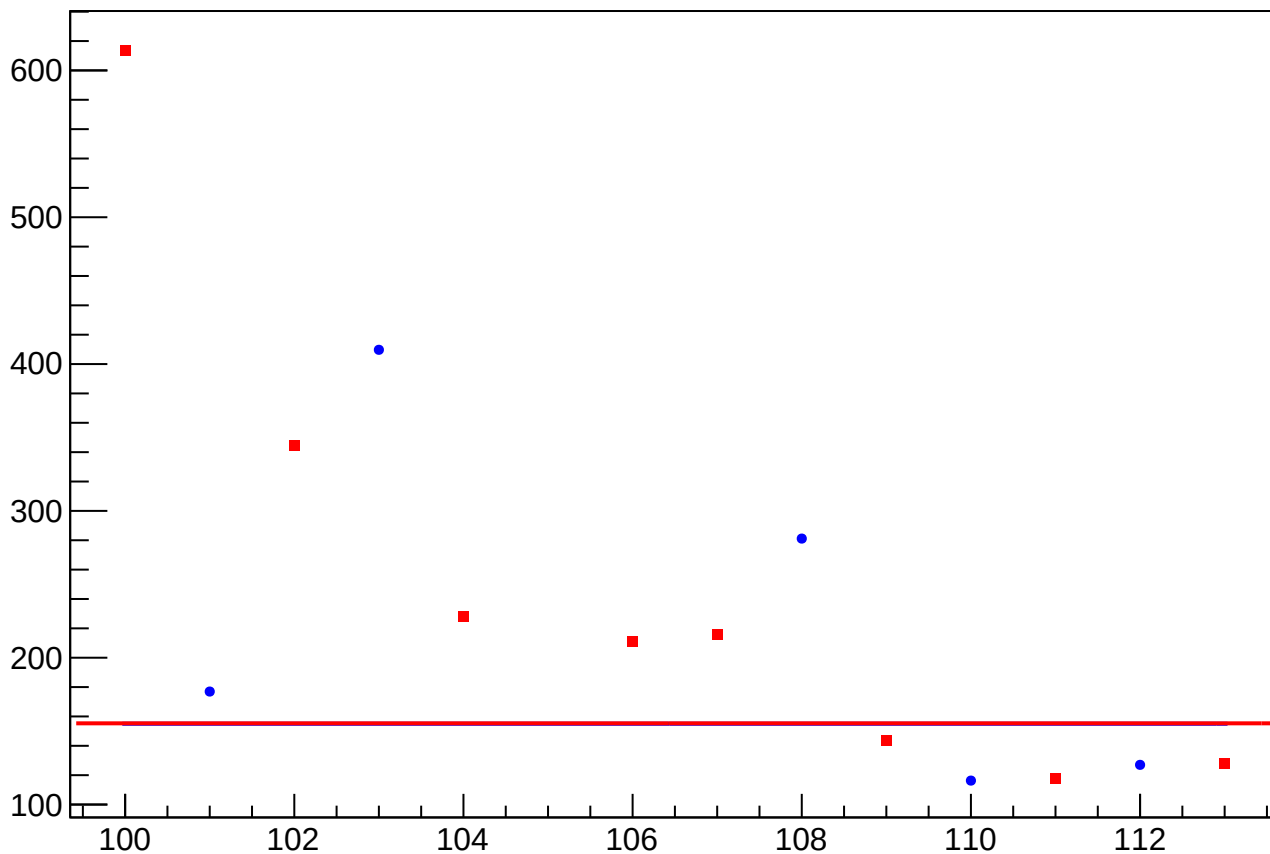
Right: 73.285+/-71.647 χ^2/NDF : 12.4/12

In: 76.535+/-108.433 χ^2/NDF : 7.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.285+/-71.647 χ^2/NDF : 12.4/12

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: 155.313+/-0.067 χ^2/NDF : 750123.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

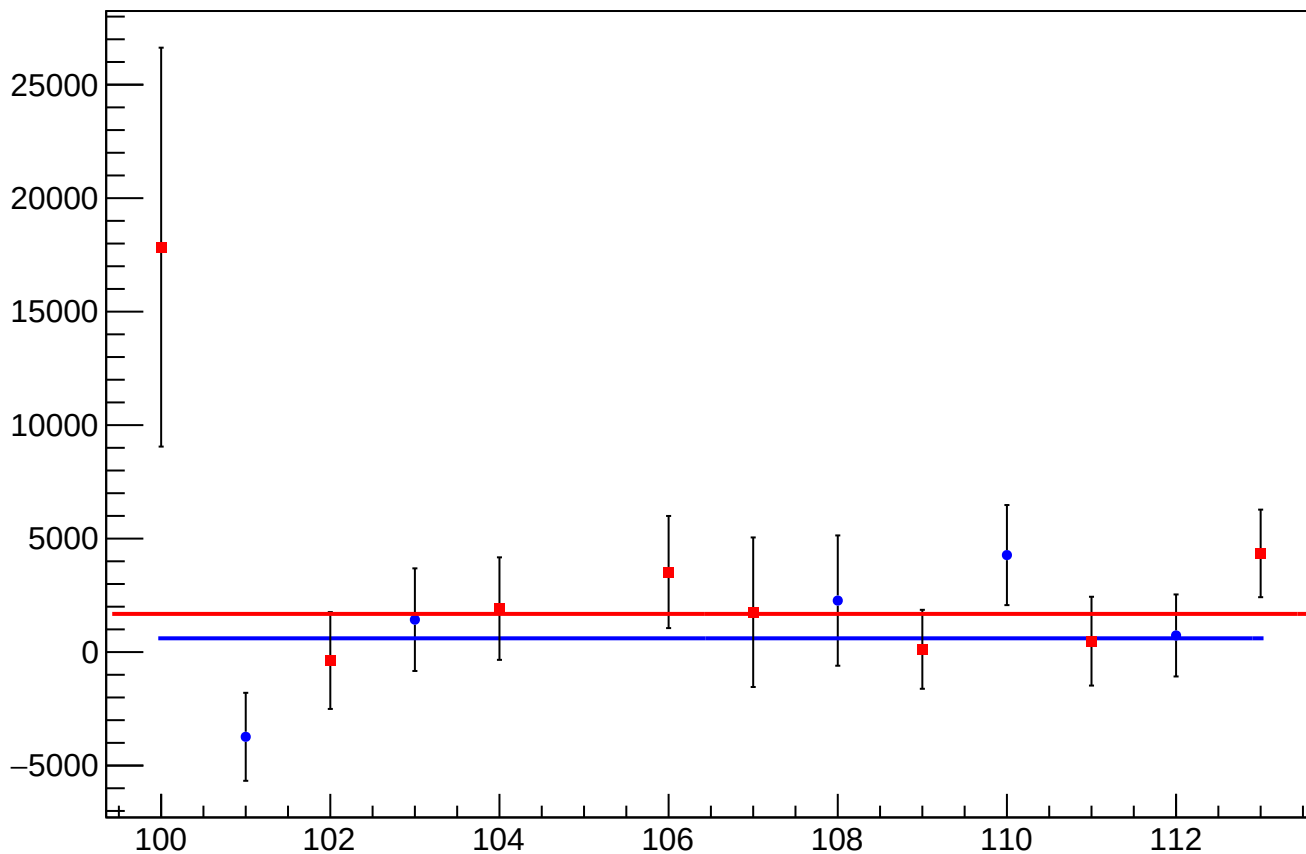
Right: 155.185+/-0.051 χ^2/NDF : 1511810.1/12

In: 155.019+/-0.077 χ^2/NDF : 761678.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.185+/-0.051 χ^2/NDF : 1511810.1/12

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: 1682.127+/-804.494 χ^2/NDF : 8.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

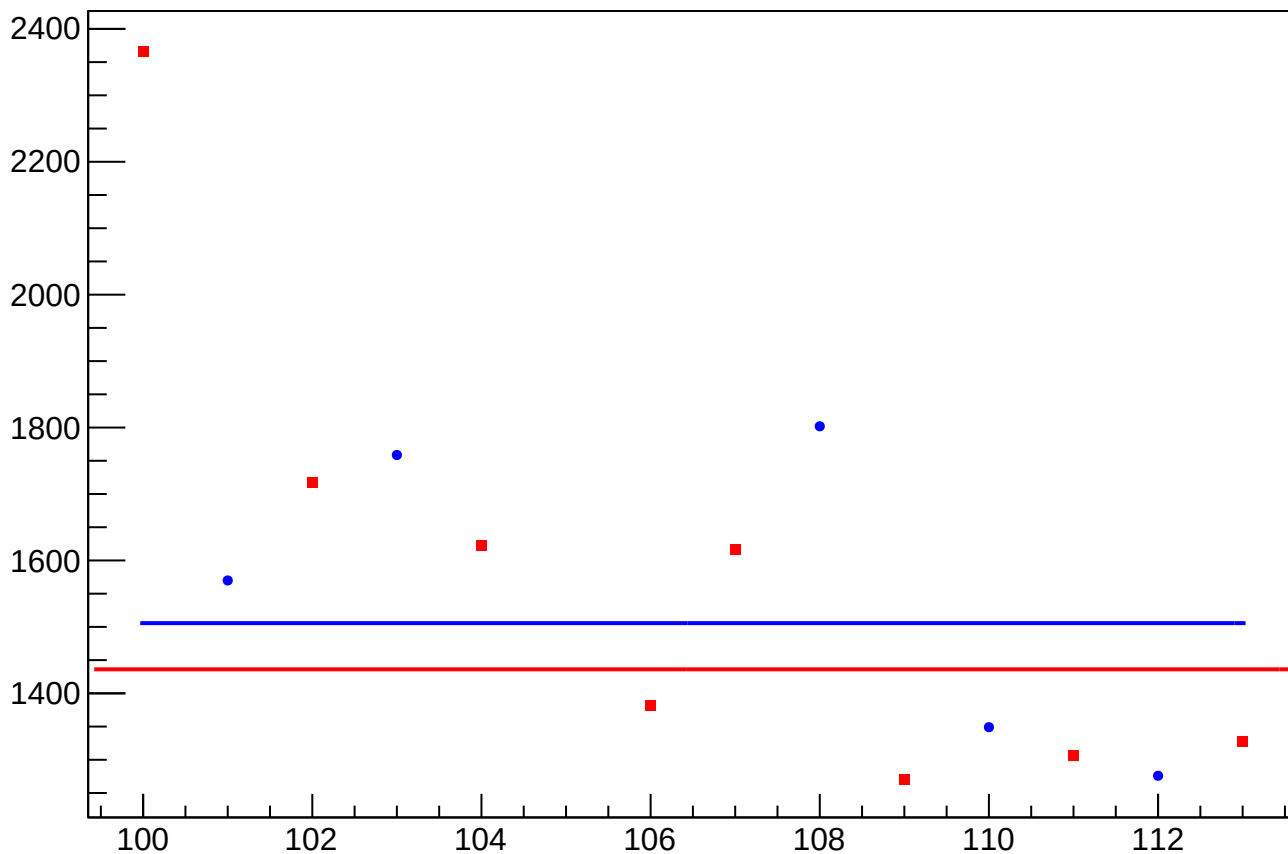
Right: 1236.081+/-615.436 χ^2/NDF : 17.0/12

In: 606.745+/-955.597 χ^2/NDF : 8.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1236.081+/-615.436 χ^2/NDF : 17.0/12

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: 1436.155+/-0.569 χ^2/NDF : 111213.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

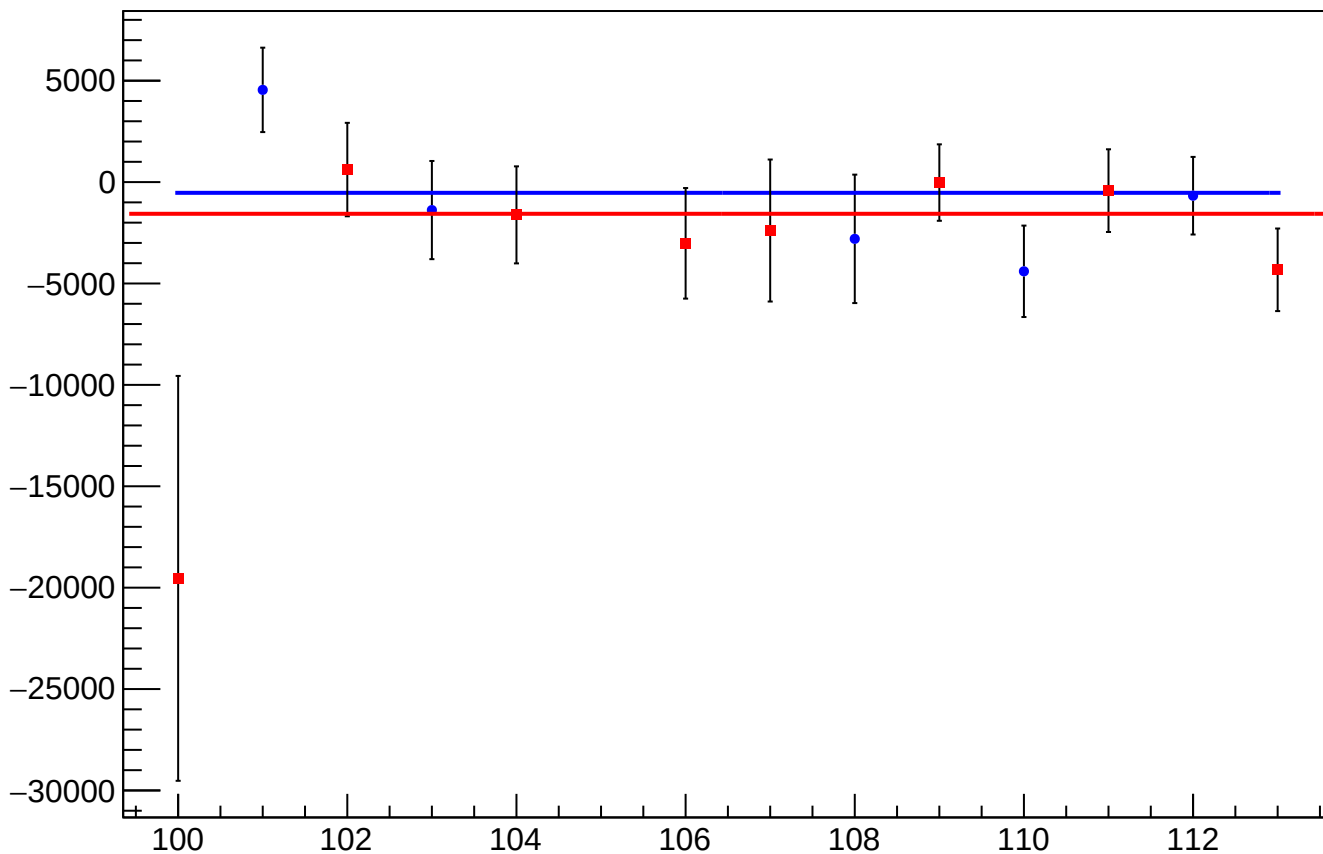
Right: 1464.979+/-0.435 χ^2/NDF : 208362.6/12

In: 1505.648+/-0.676 χ^2/NDF : 90959.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1464.979+/-0.435 χ^2/NDF : 208362.6/12

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: -1563.187+/-859.926 χ^2/NDF : 7.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

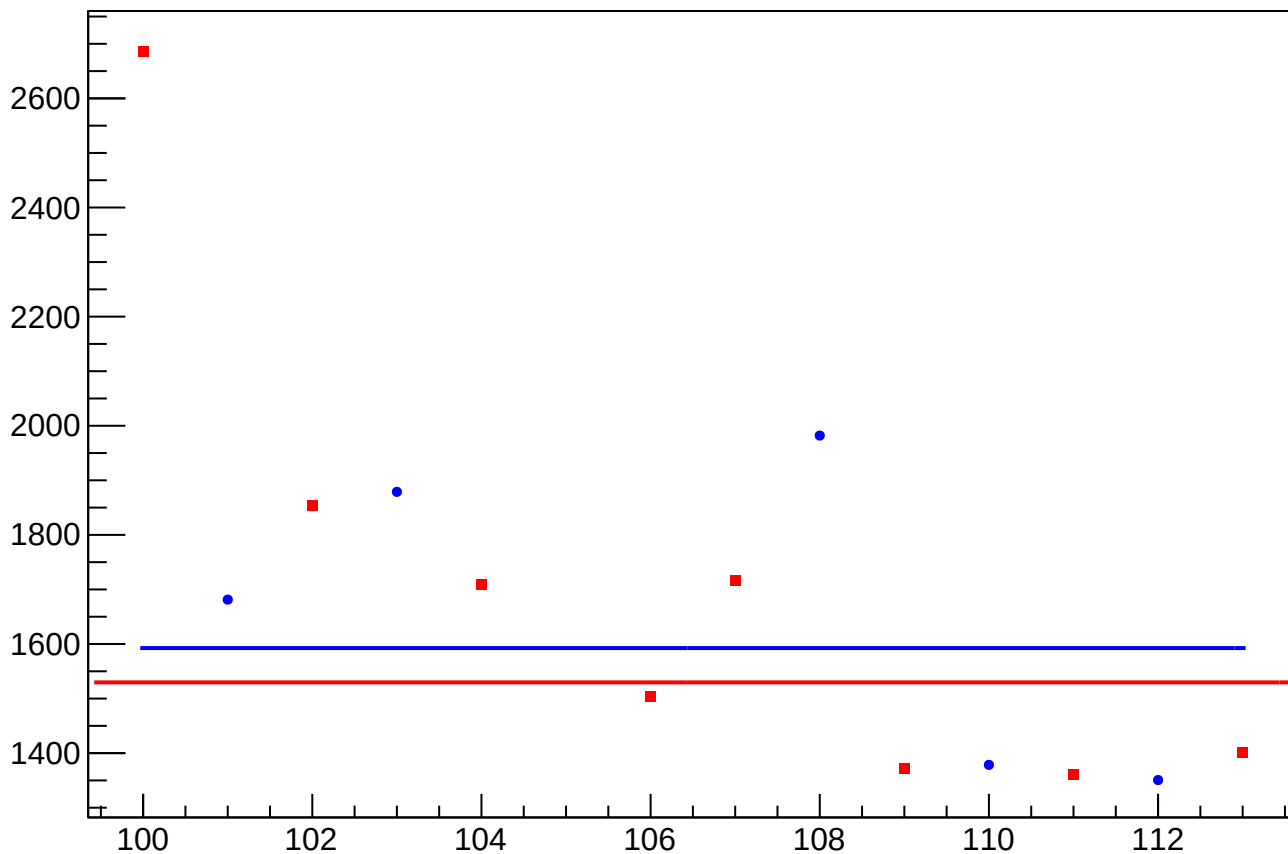
Right: -1131.015+/-656.067 χ^2/NDF : 17.4/12

In: -529.112+/-1014.836 χ^2/NDF : 9.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1131.015+/-656.067 χ^2/NDF : 17.4/12

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: 1529.693+/-0.608 χ^2/NDF : 119113.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

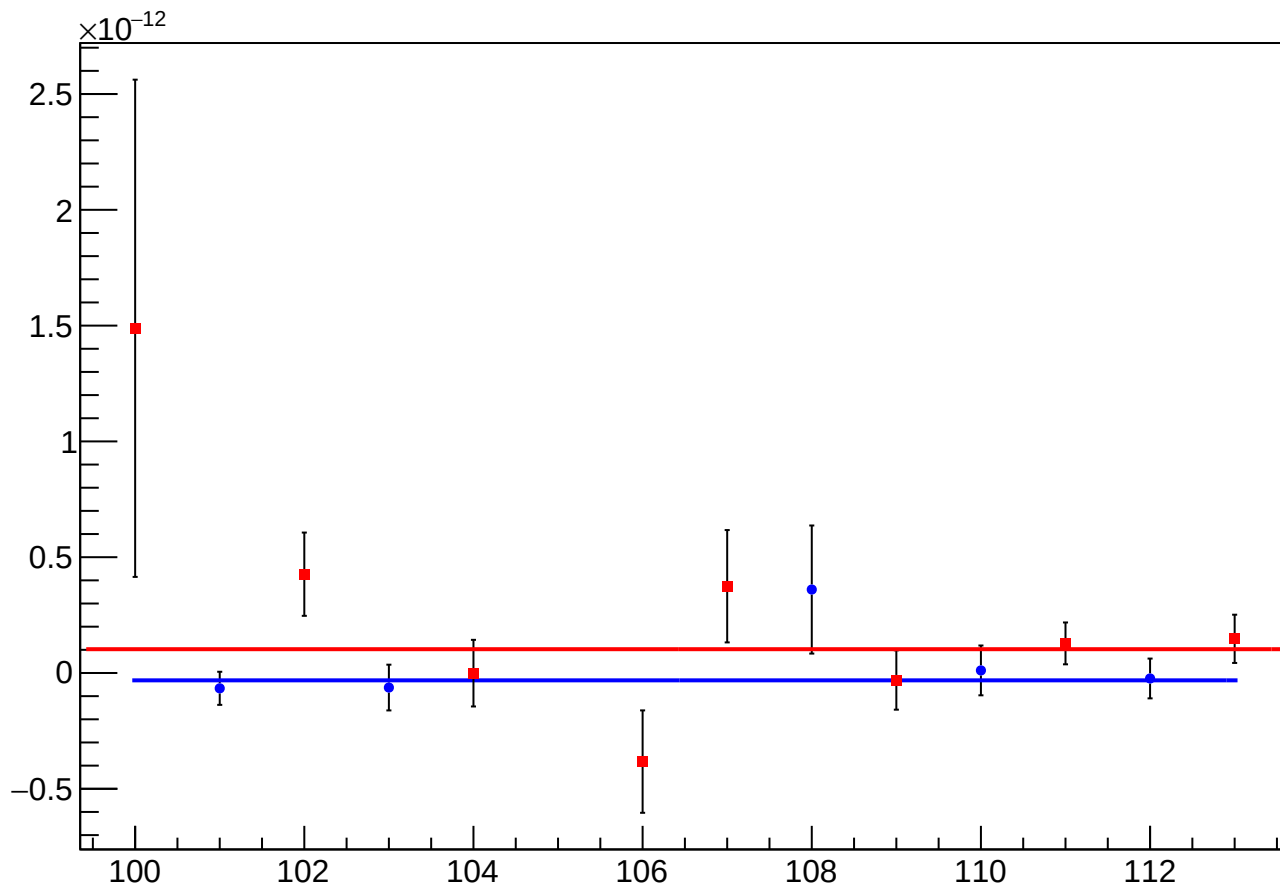
Right: 1555.973+/-0.464 χ^2/NDF : 235424.9/12

In: 1592.574+/-0.718 χ^2/NDF : 111842.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1555.973+/-0.464 χ^2/NDF : 235424.9/12

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 : 12.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

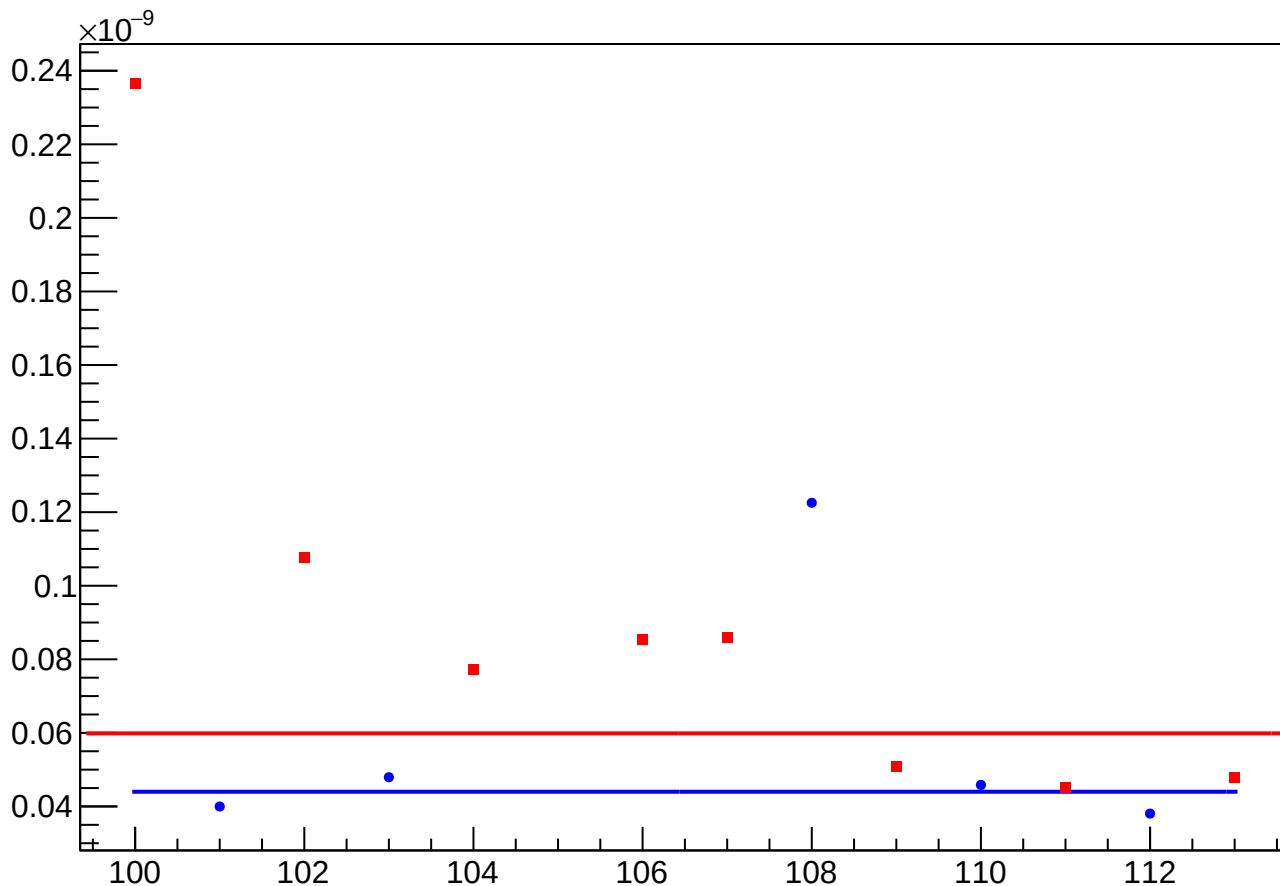
Right: 0.000+/-0.000 χ^2/NDF : 19.4/12

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 : 19.4/12

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 : 363442.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

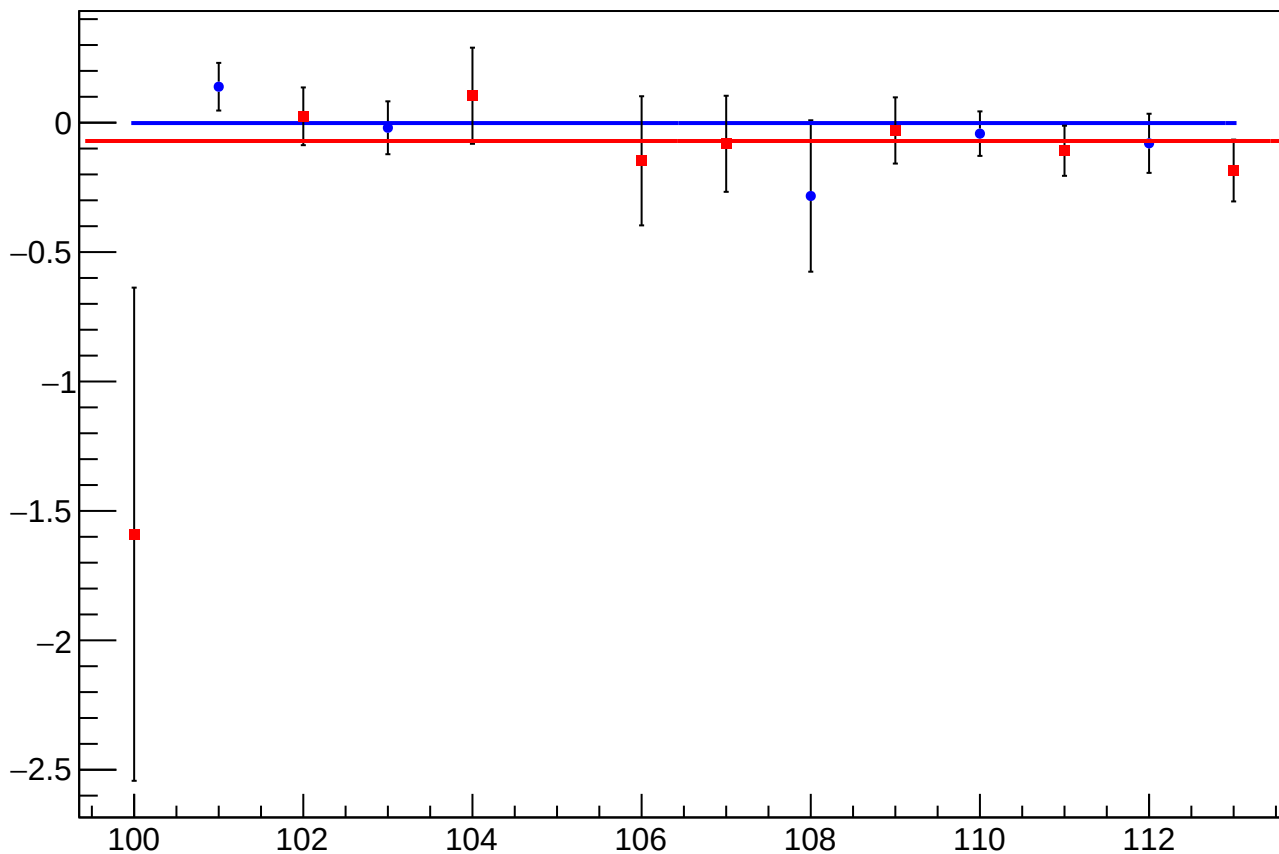
Right: 0.000+/-0.000 χ^2/NDF : 658517.4/12

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 : 658517.4/12

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: -0.071+/-0.050 χ^2 /NDF: 5.4/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

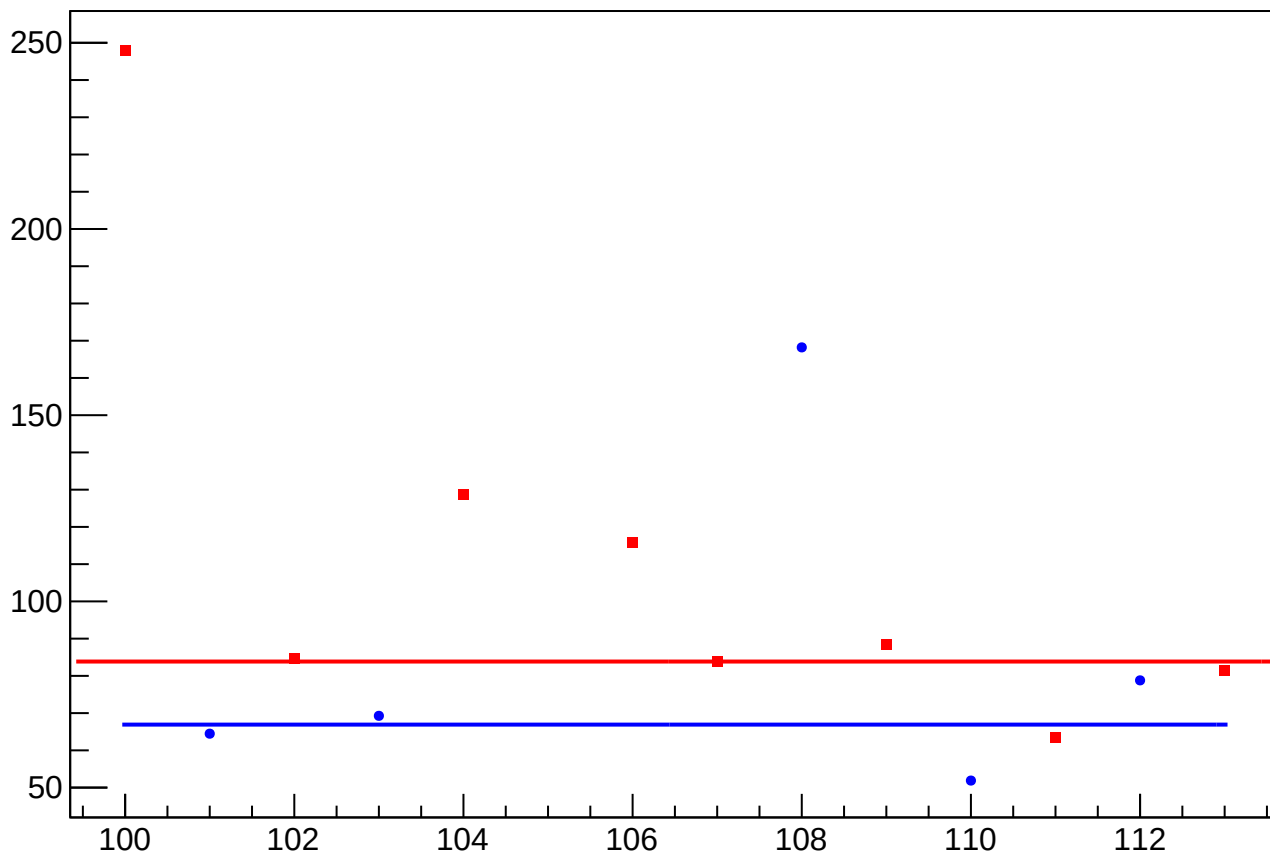
Right: -0.034+/-0.035 χ^2 /NDF: 10.4/12

In: -0.002+/-0.048 χ^2 /NDF:4.0/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.034+/-0.035 χ^2 /NDF: 10.4/12

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: 83.849+/-0.036 χ^2/NDF : 302154.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

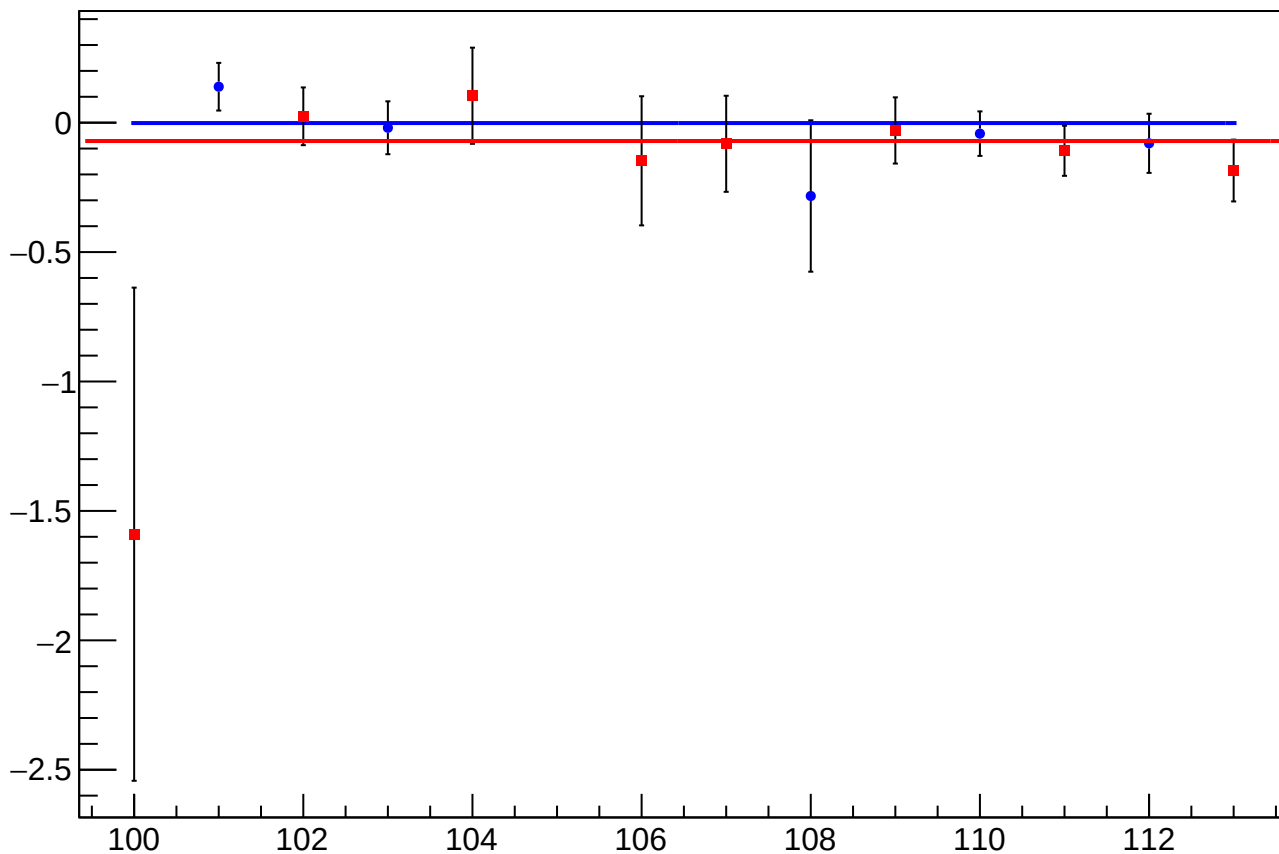
Right: 74.933+/-0.025 χ^2/NDF : 746104.5/12

In: 66.913+/-0.034 χ^2/NDF : 325121.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.933+/-0.025 χ^2/NDF : 746104.5/12

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: -0.071 ± 0.050 χ^2/NDF : 5.4/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

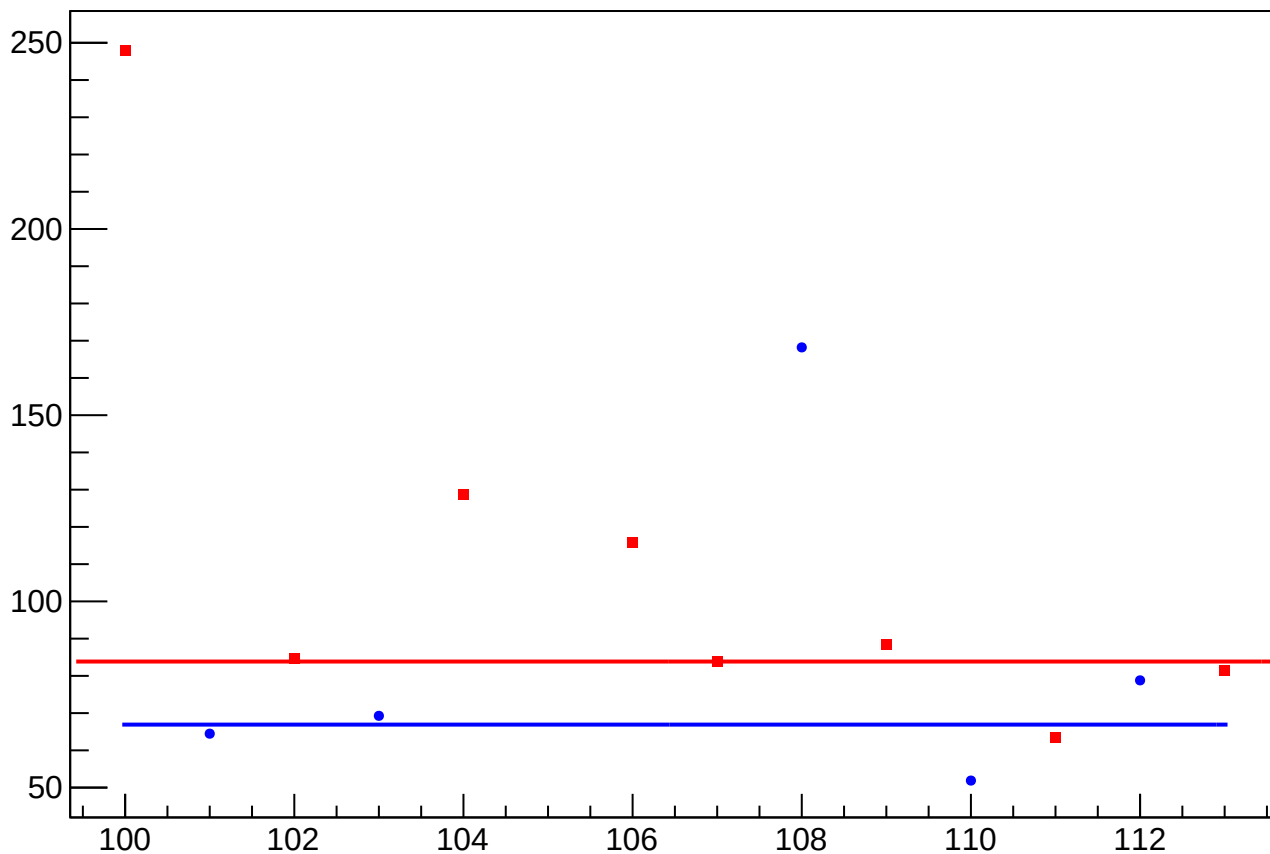
Right: -0.034 ± 0.035 χ^2/NDF : 10.4/12

In: -0.002 ± 0.048 χ^2/NDF : 4.0/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.034 ± 0.035 χ^2/NDF : 10.4/12

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: 83.849+/-0.036 χ^2/NDF : 302154.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

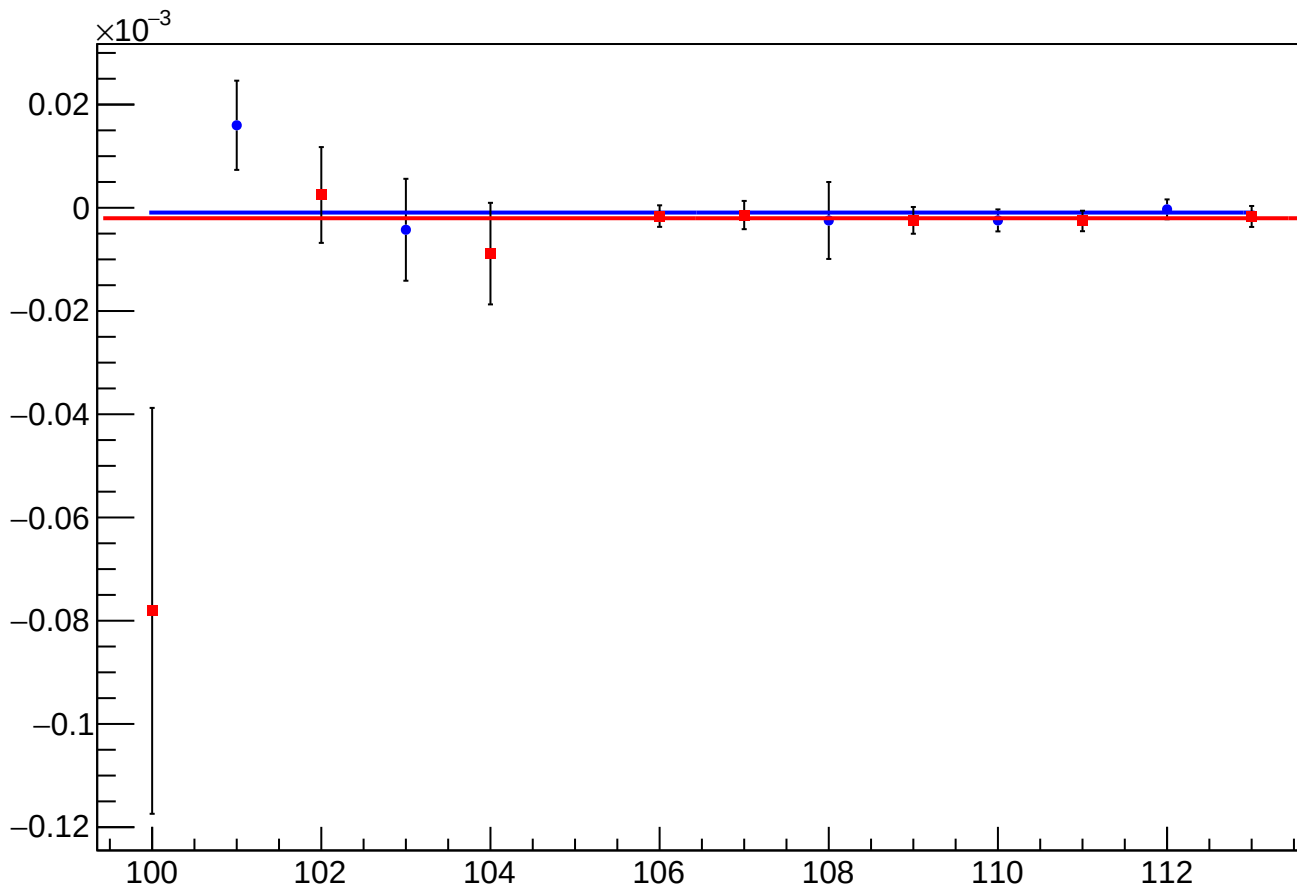
Right: 74.933+/-0.025 χ^2/NDF : 746104.5/12

In: 66.913+/-0.034 χ^2/NDF : 325121.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.933+/-0.025 χ^2/NDF : 746104.5/12

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 : 4.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

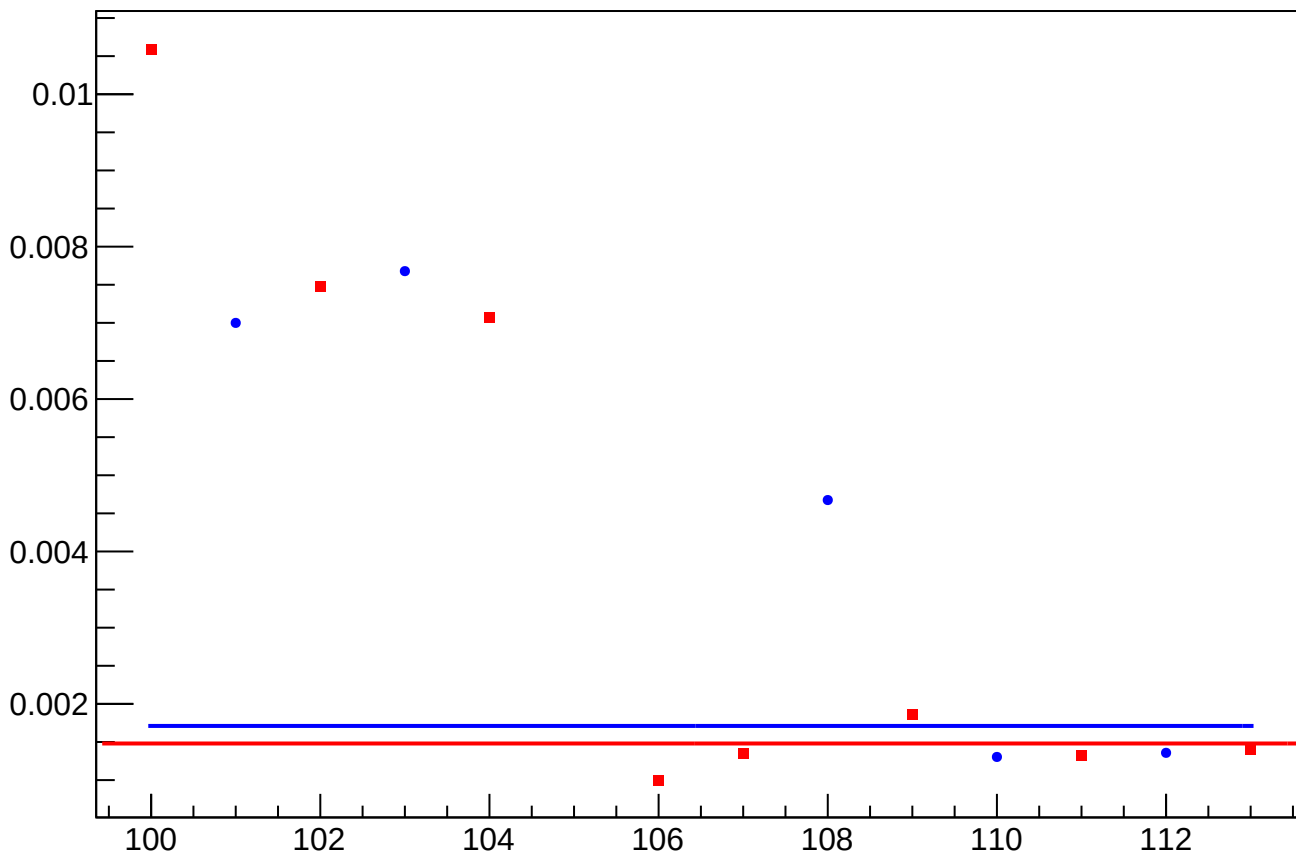
Right: -0.000+/-0.000 χ^2/NDF : 9.7/12

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 : 9.7/12

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: 0.001+/-0.000 χ^2/NDF : 1757118.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

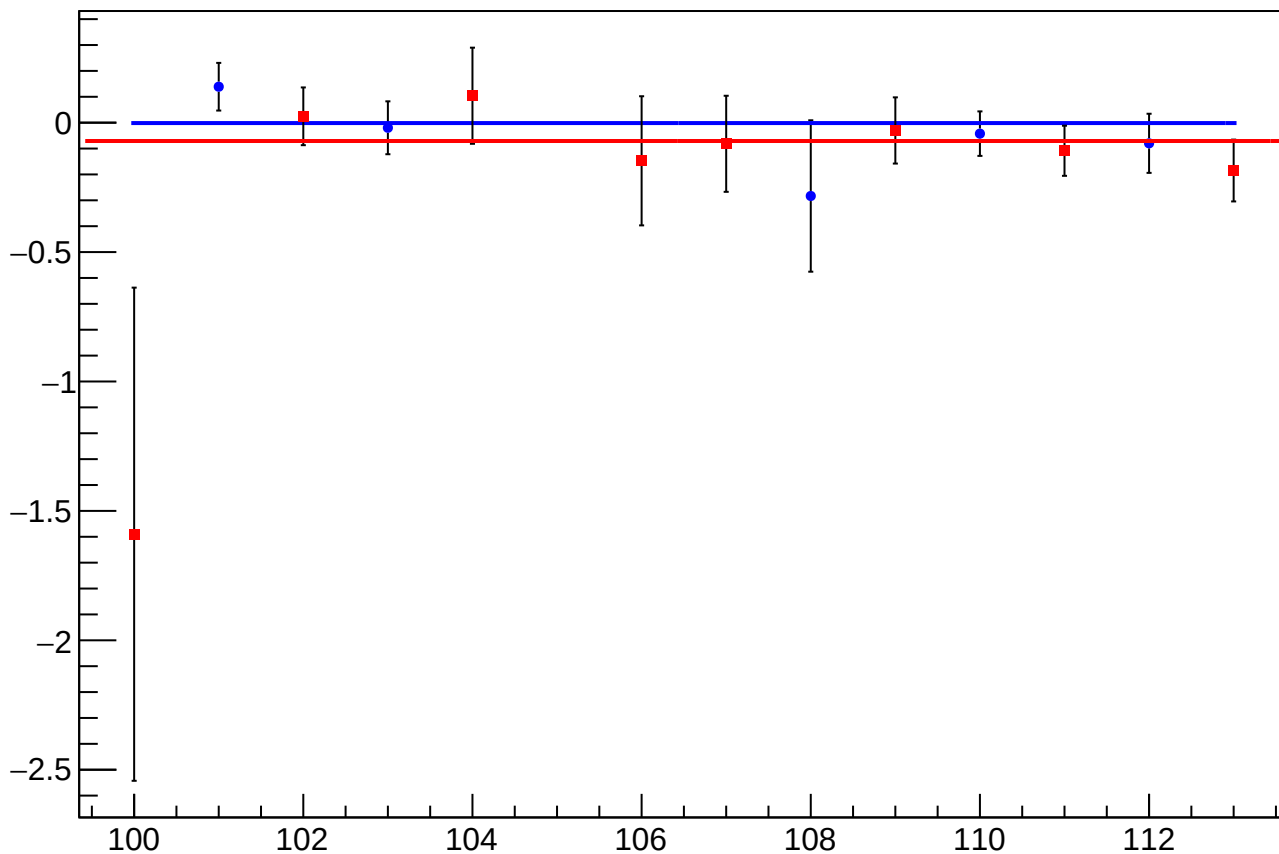
Right: 0.002+/-0.000 χ^2/NDF : 3731209.6/12

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 : 3731209.6/12

asym_sam3_eigen_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: -0.071 ± 0.050 χ^2/NDF : 5.4/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

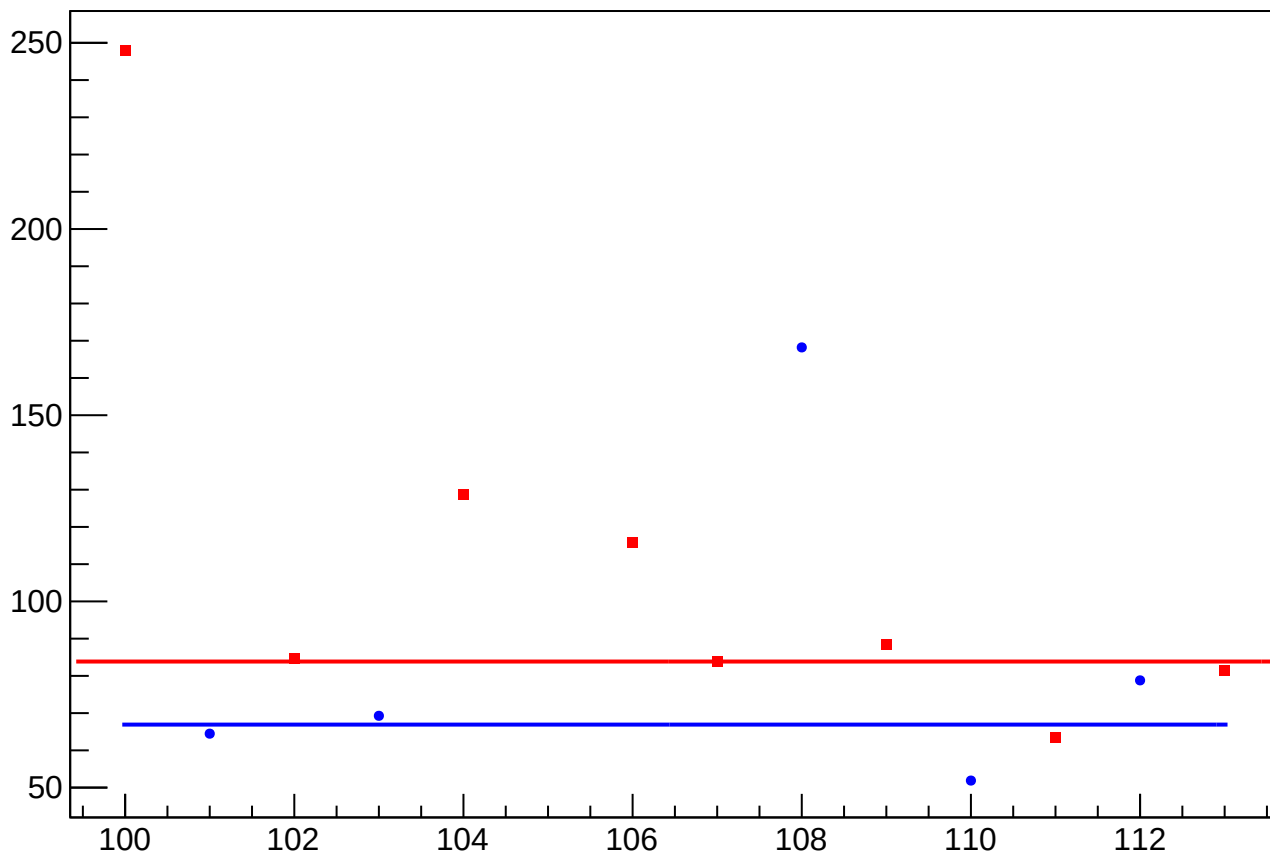
Right: -0.034 ± 0.035 χ^2/NDF : 10.4/12

In: -0.002 ± 0.048 χ^2/NDF : 4.0/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.034 ± 0.035 χ^2/NDF : 10.4/12

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: 83.852+/-0.036 χ^2/NDF : 302173.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

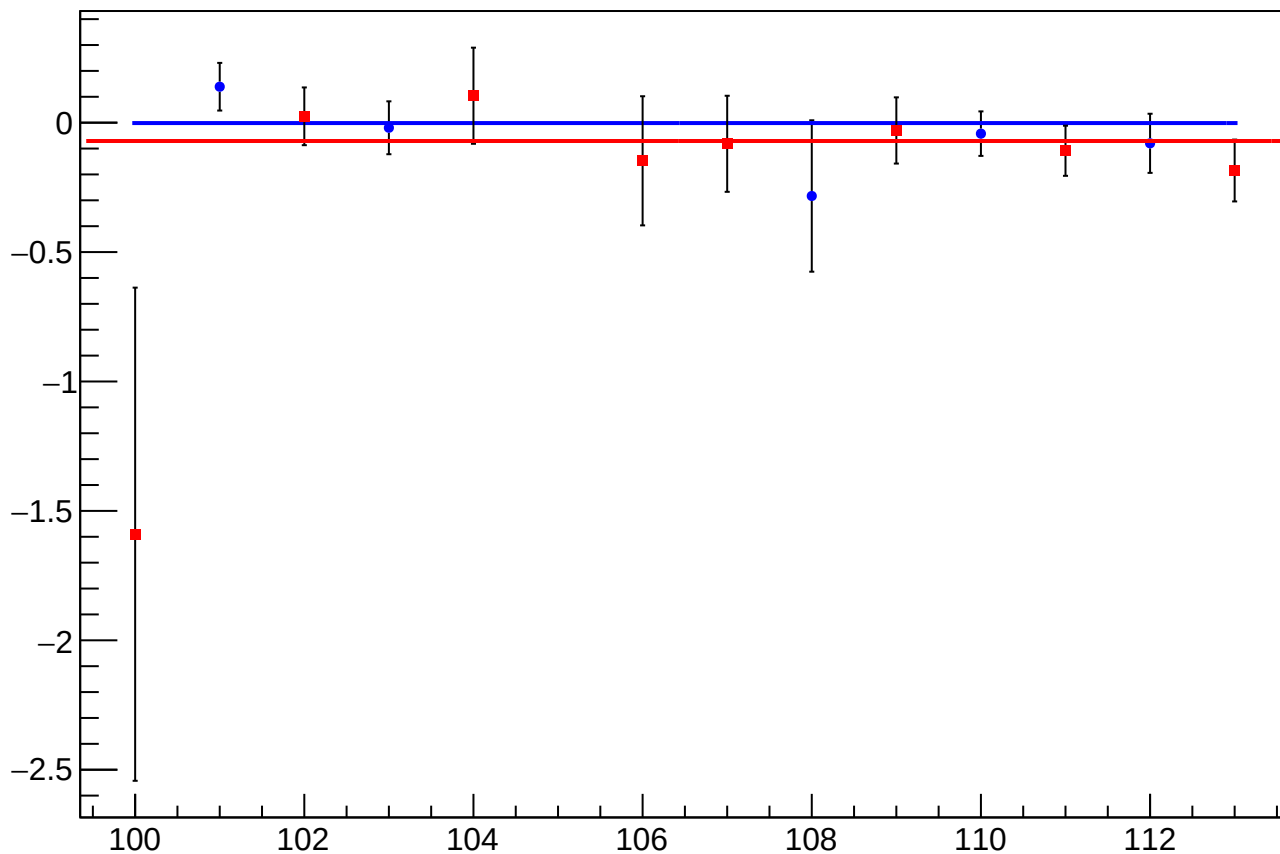
Right: 74.936+/-0.025 χ^2/NDF : 746101.9/12

In: 66.917+/-0.034 χ^2/NDF : 325118.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.936+/-0.025 χ^2/NDF : 746101.9/12

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: -0.071 ± 0.050 χ^2/NDF : 5.4/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

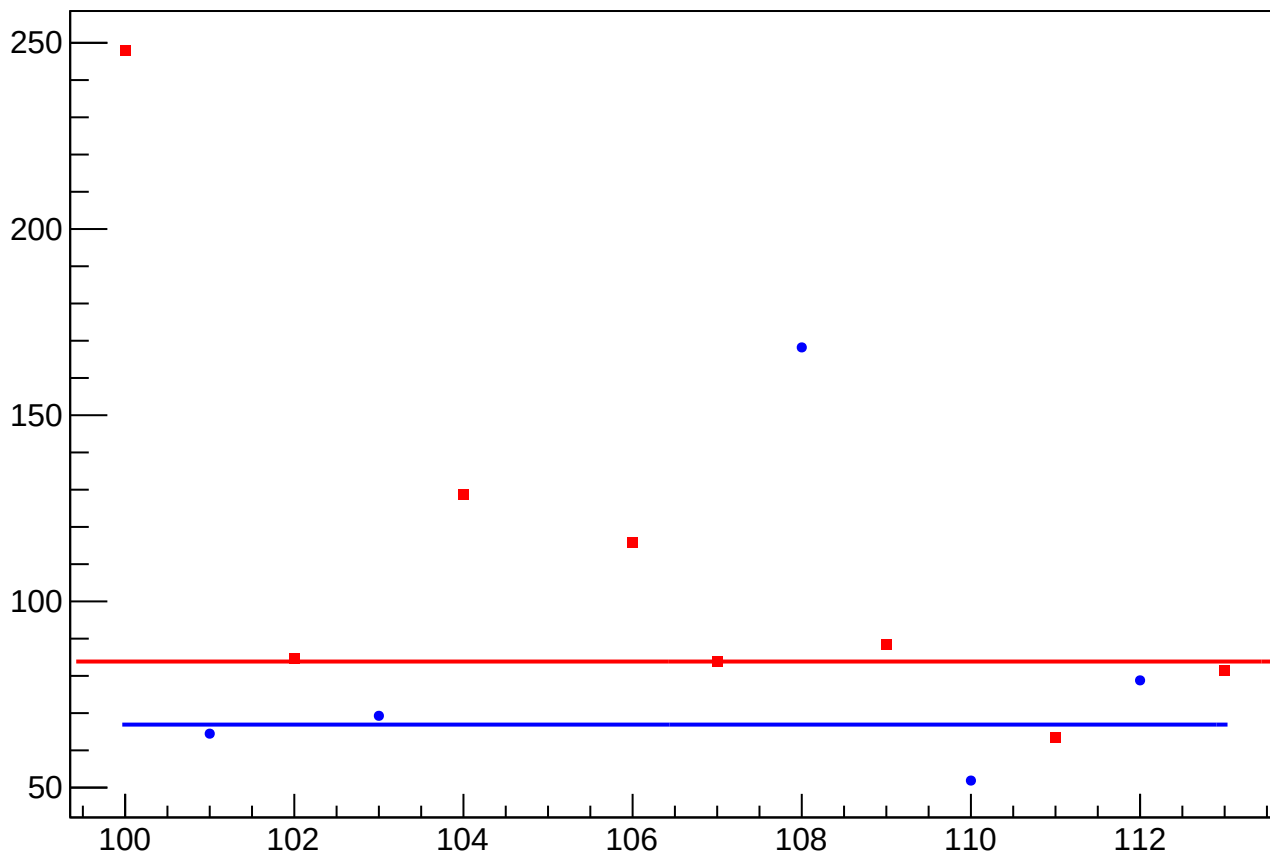
Right: -0.034 ± 0.035 χ^2/NDF : 10.4/12

In: -0.002 ± 0.048 χ^2/NDF : 4.0/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.034 ± 0.035 χ^2/NDF : 10.4/12

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: 83.852+/-0.036 χ^2/NDF : 302173.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

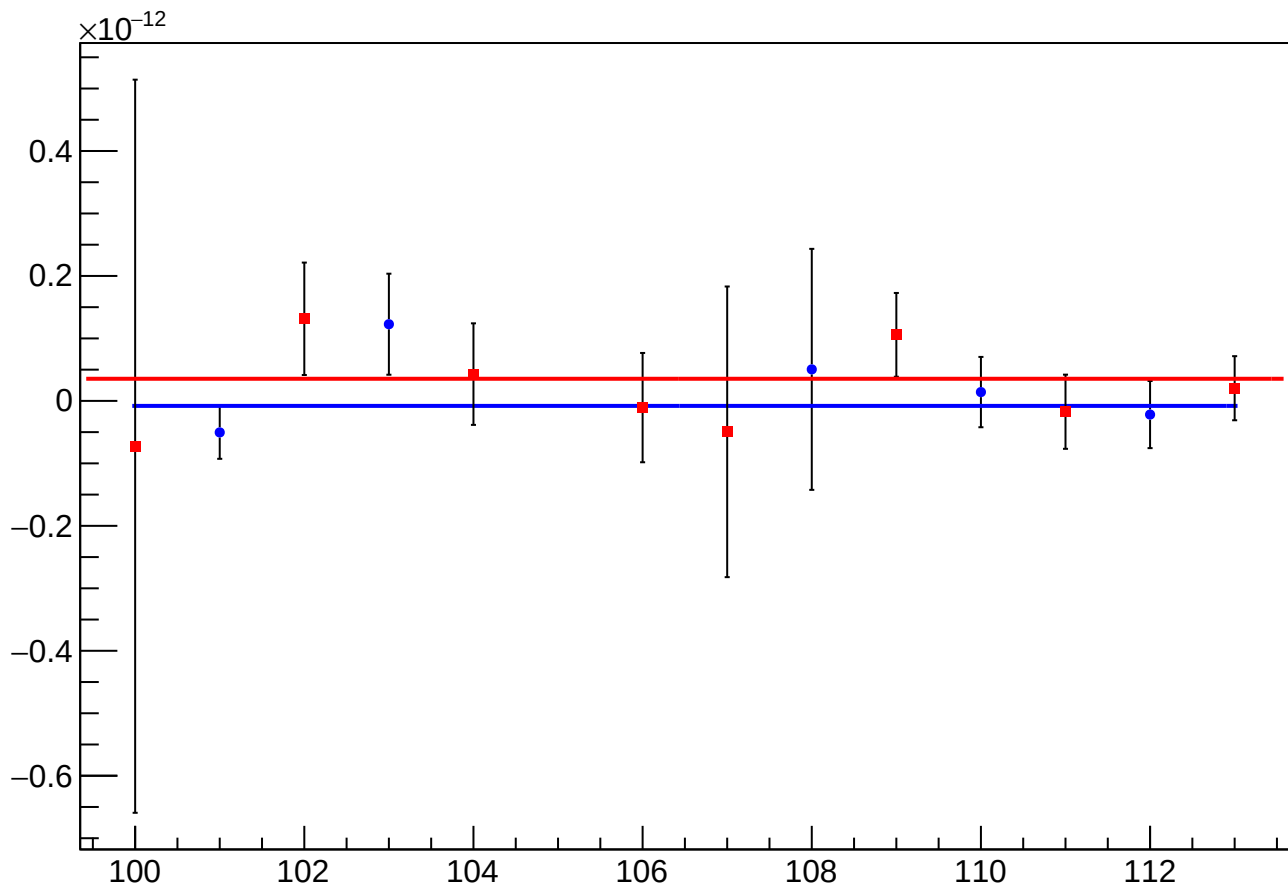
Right: 74.936+/-0.025 χ^2/NDF : 746101.9/12

In: 66.917+/-0.034 χ^2/NDF : 325118.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.936+/-0.025 χ^2/NDF : 746101.9/12

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 : 3.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

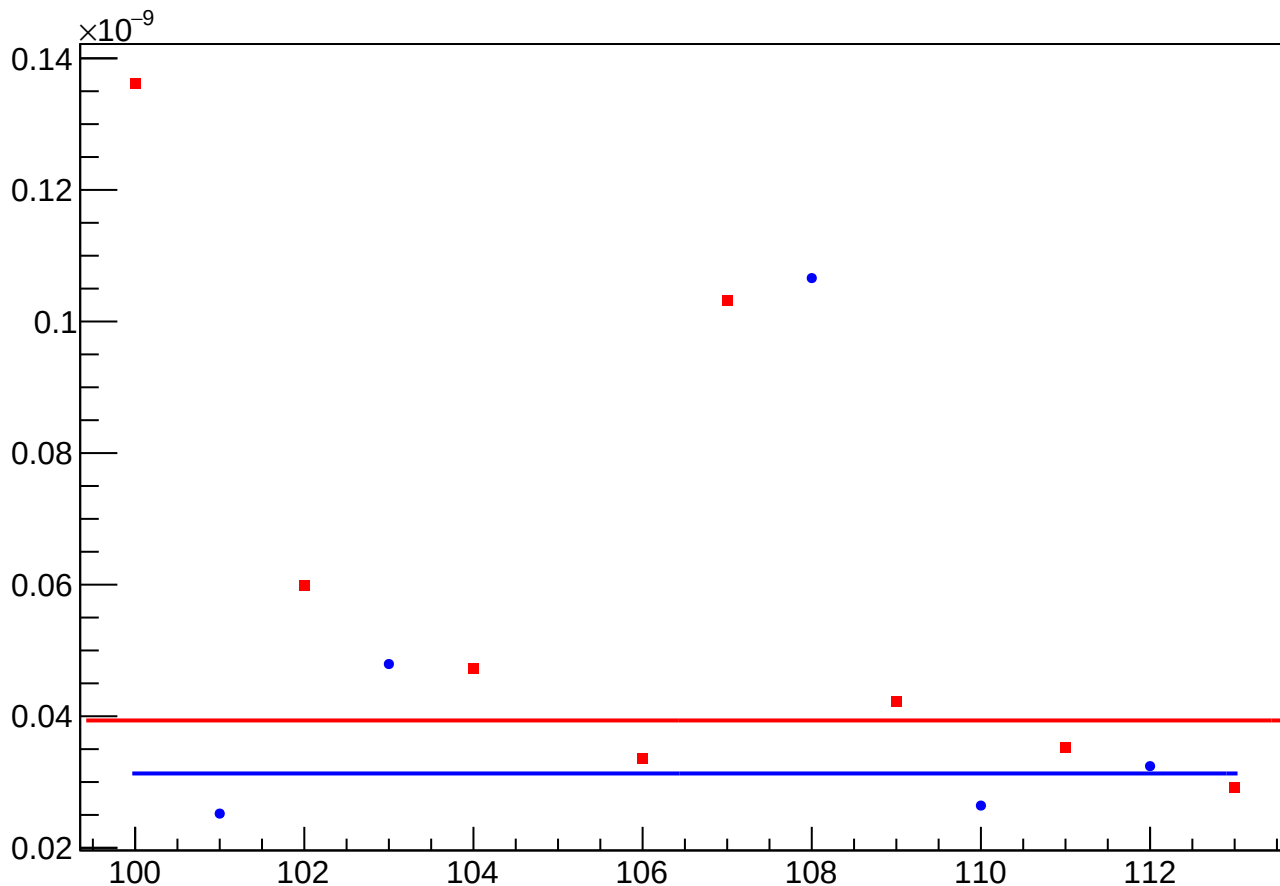
Right: 0.000+/-0.000 χ^2/NDF : 8.8/12

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 : 8.8/12

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 : 429397.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

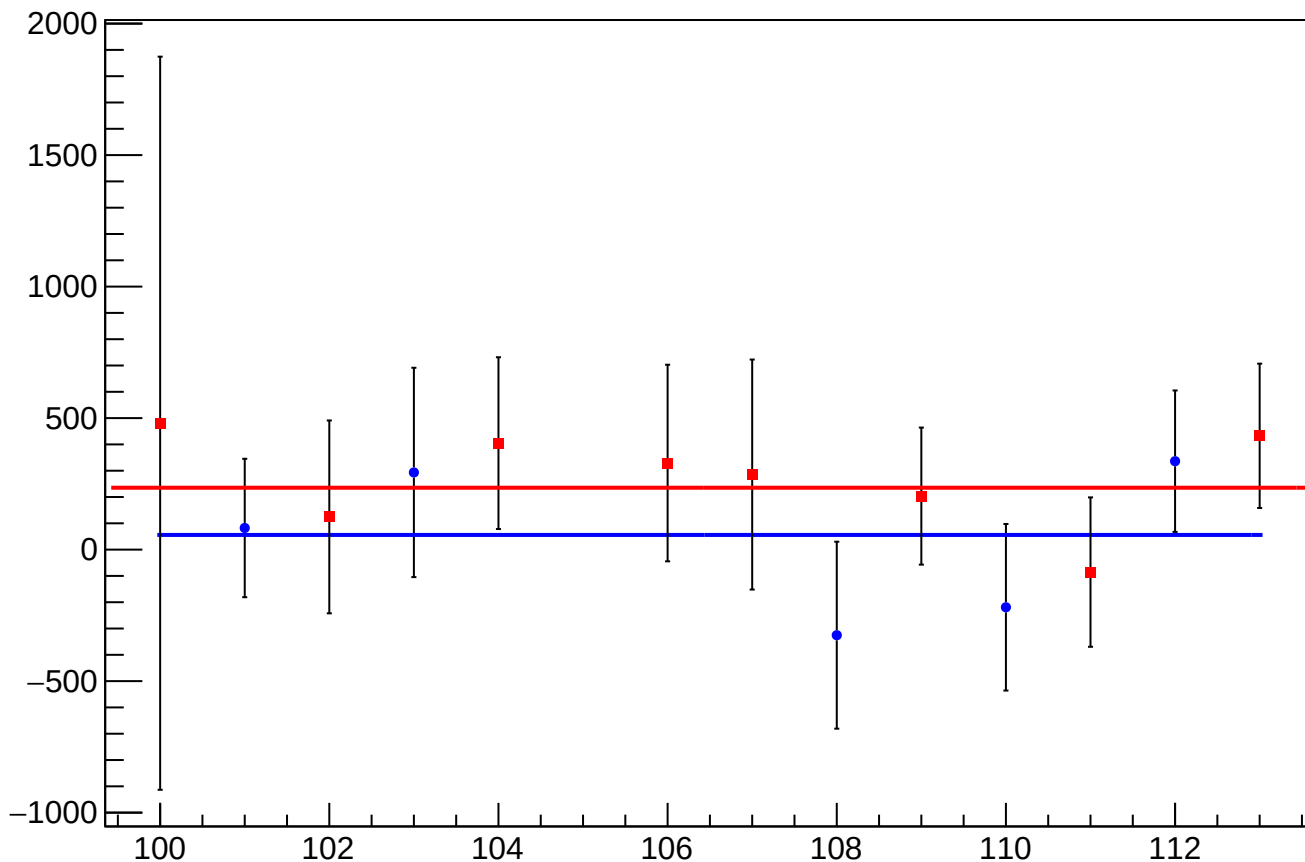
Right: 0.000+/-0.000 χ^2/NDF : 964374.7/12

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 : 964374.7/12

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: 235.324+/-119.414 χ^2/NDF : 2.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

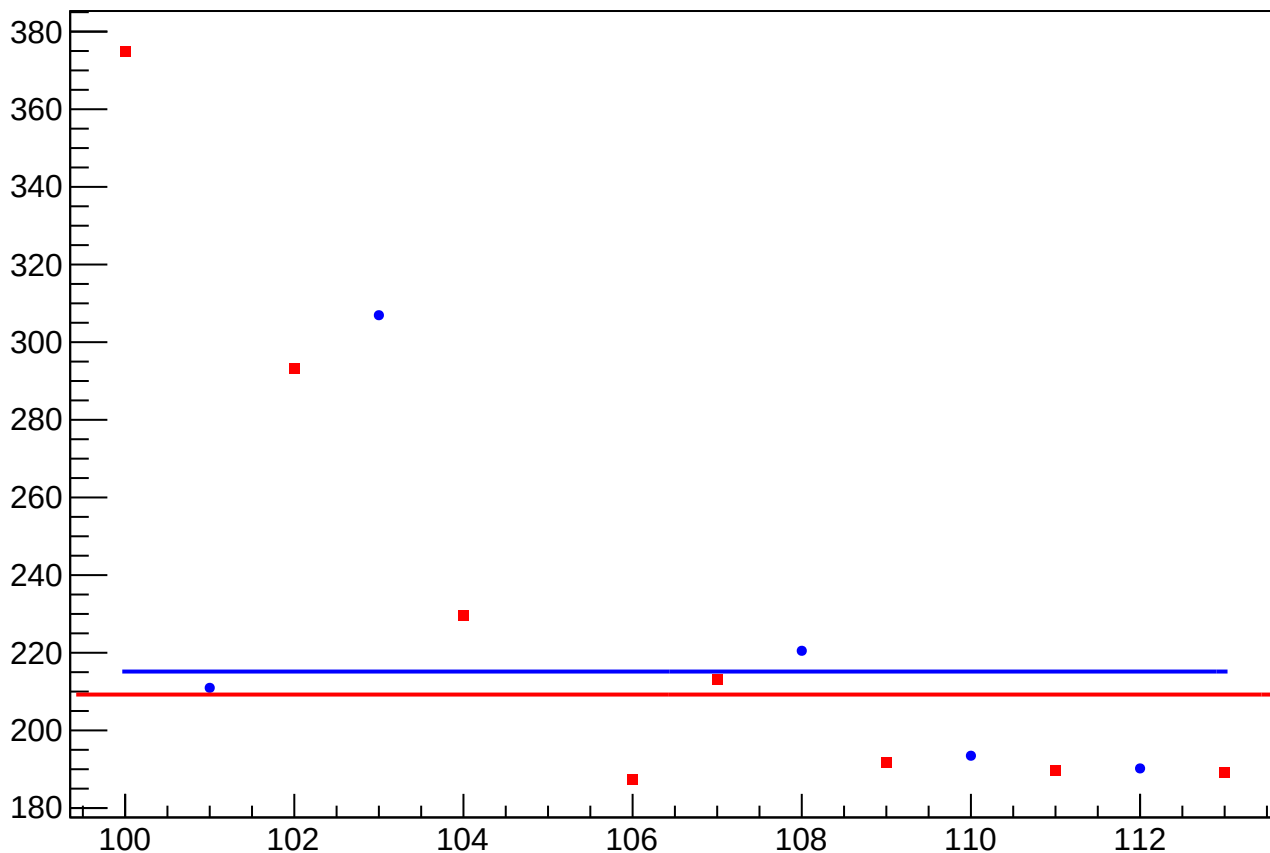
Right: 158.508+/-90.316 χ^2/NDF : 6.6/12

In: 55.835+/-138.057 χ^2/NDF : 3.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.508+/-90.316 χ^2/NDF : 6.6/12

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 215.162+/-0.098 χ^2/NDF : 133947.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 209.235+/-0.084 χ^2/NDF : 176941.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

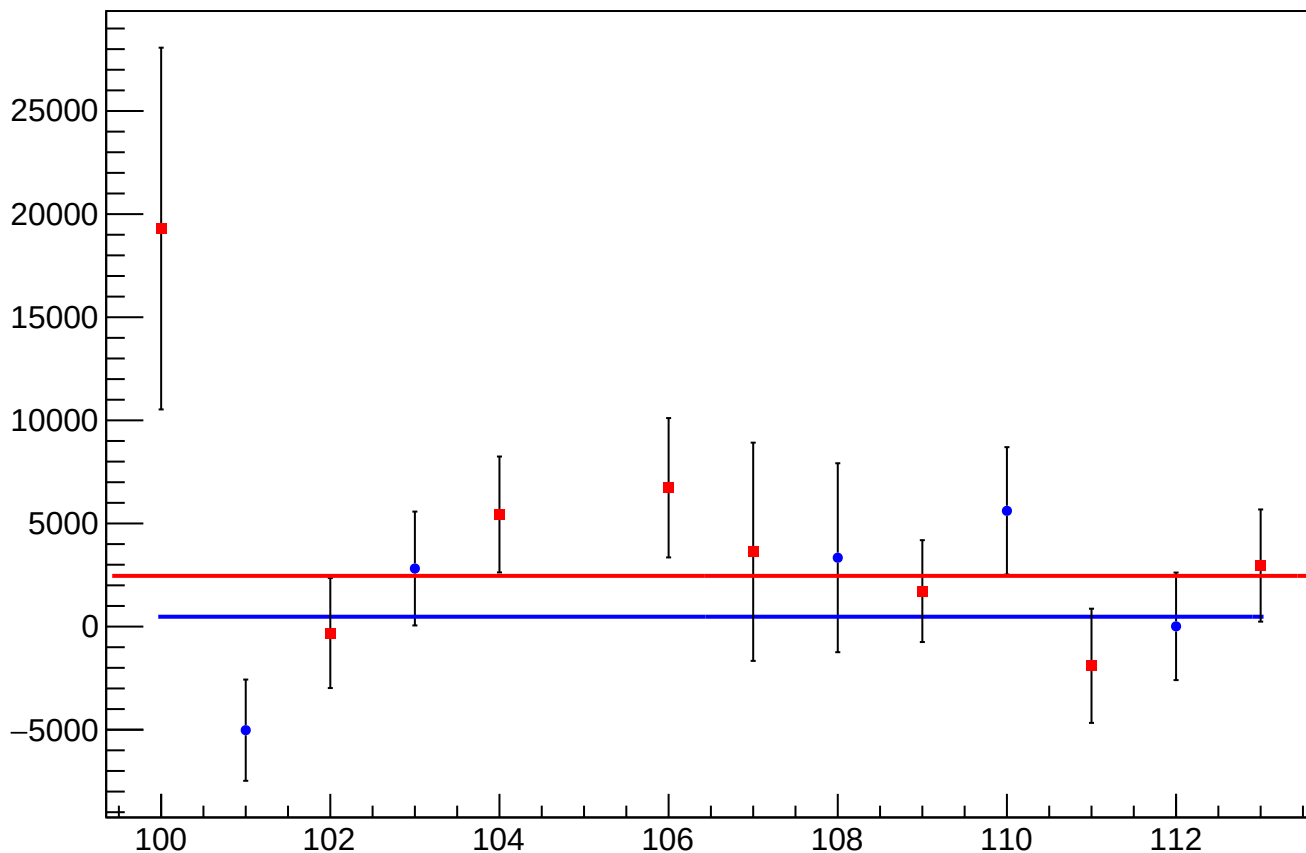
Right: 211.771+/-0.064 χ^2/NDF : 312997.7/12

In: 215.162+/-0.098 χ^2/NDF : 133947.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 211.771+/-0.064 χ^2/NDF : 312997.7/12

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: 2459.359+/-1095.581 χ^2/NDF : 10.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

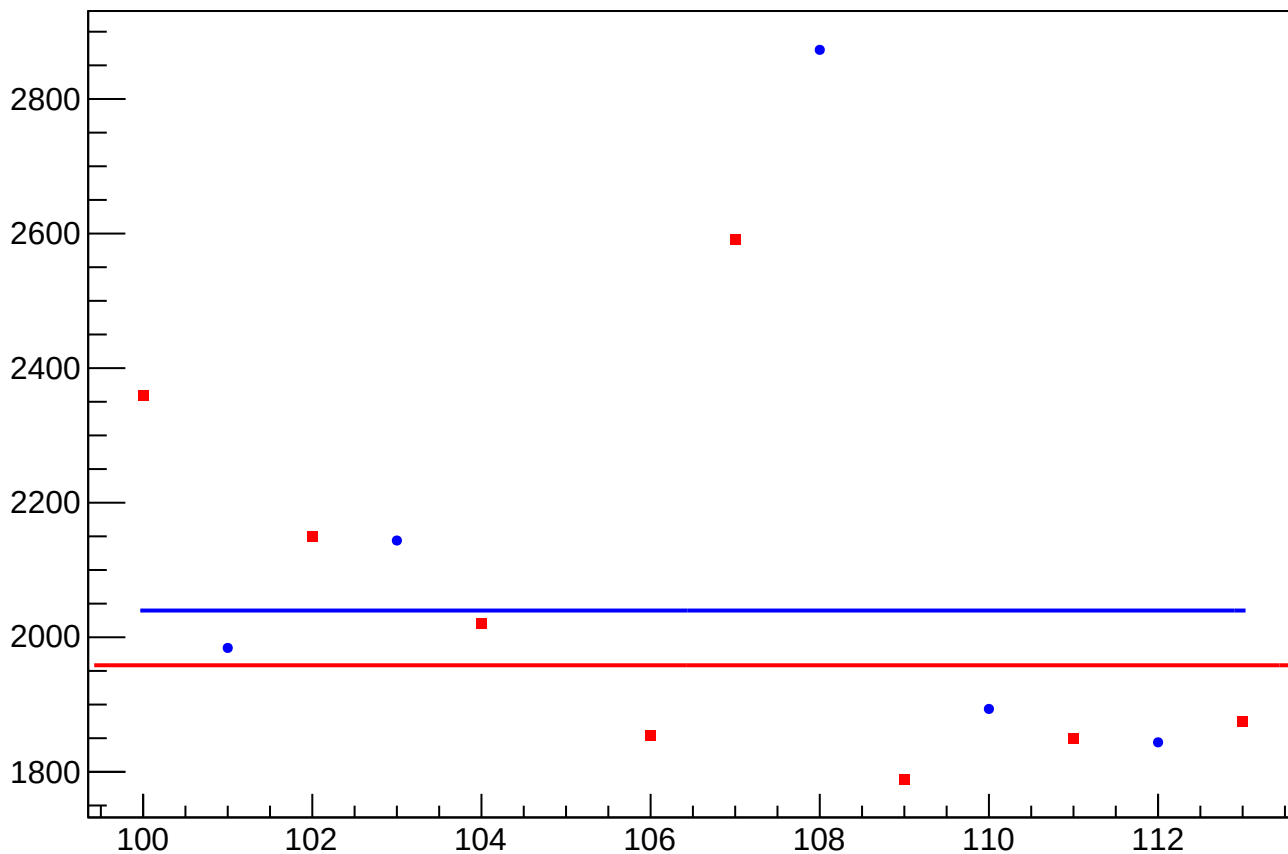
Right: 1632.479+/-836.246 χ^2/NDF : 20.4/12

In: 478.280+/-1294.386 χ^2/NDF : 8.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1632.479+/-836.246 χ^2/NDF : 20.4/12

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: 1958.397+/-0.775 χ^2/NDF : 60452.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

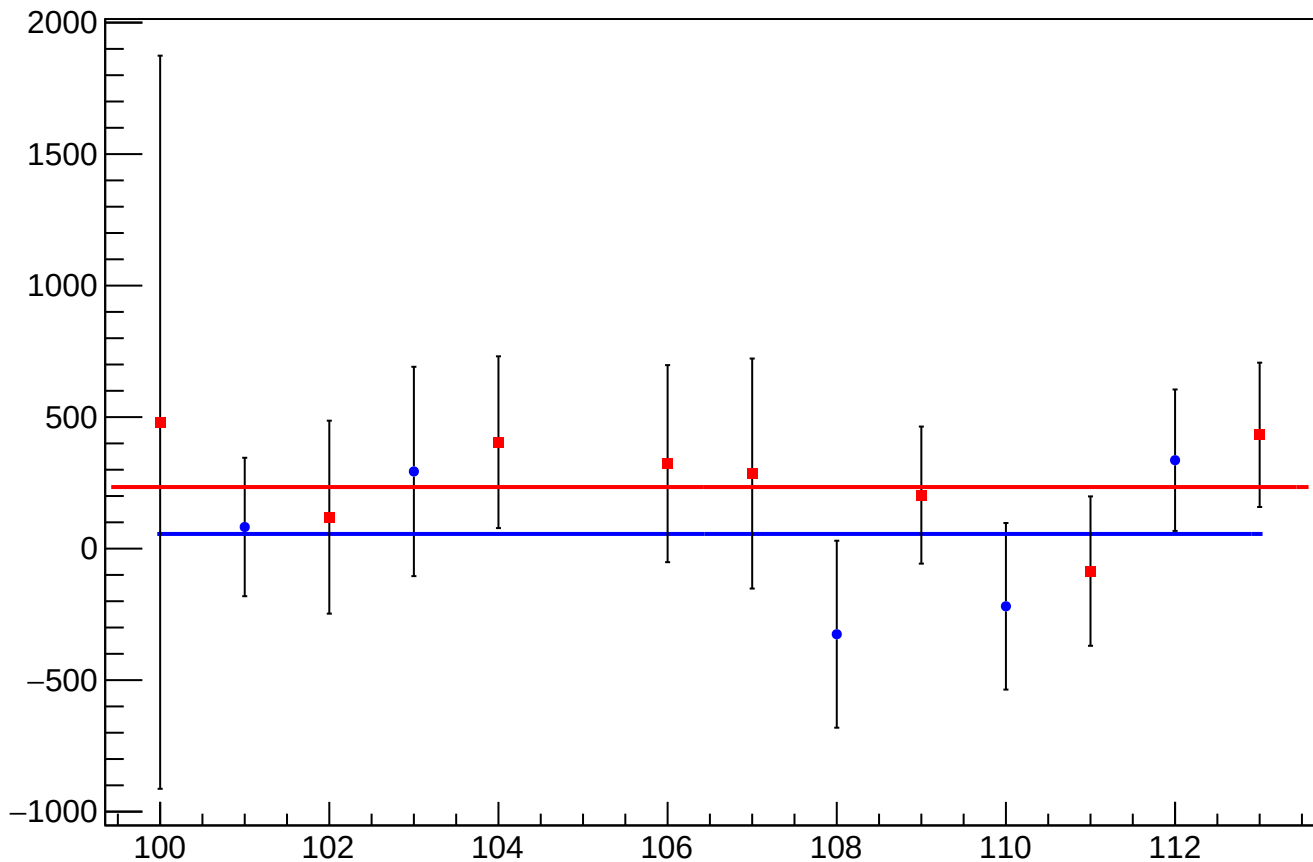
Right: 1992.348+/-0.591 χ^2/NDF : 150873.2/12

In: 2039.739+/-0.915 χ^2/NDF : 85819.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1992.348+/-0.591 χ^2/NDF : 150873.2/12

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: 234.125+/-119.449 χ^2/NDF : 2.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

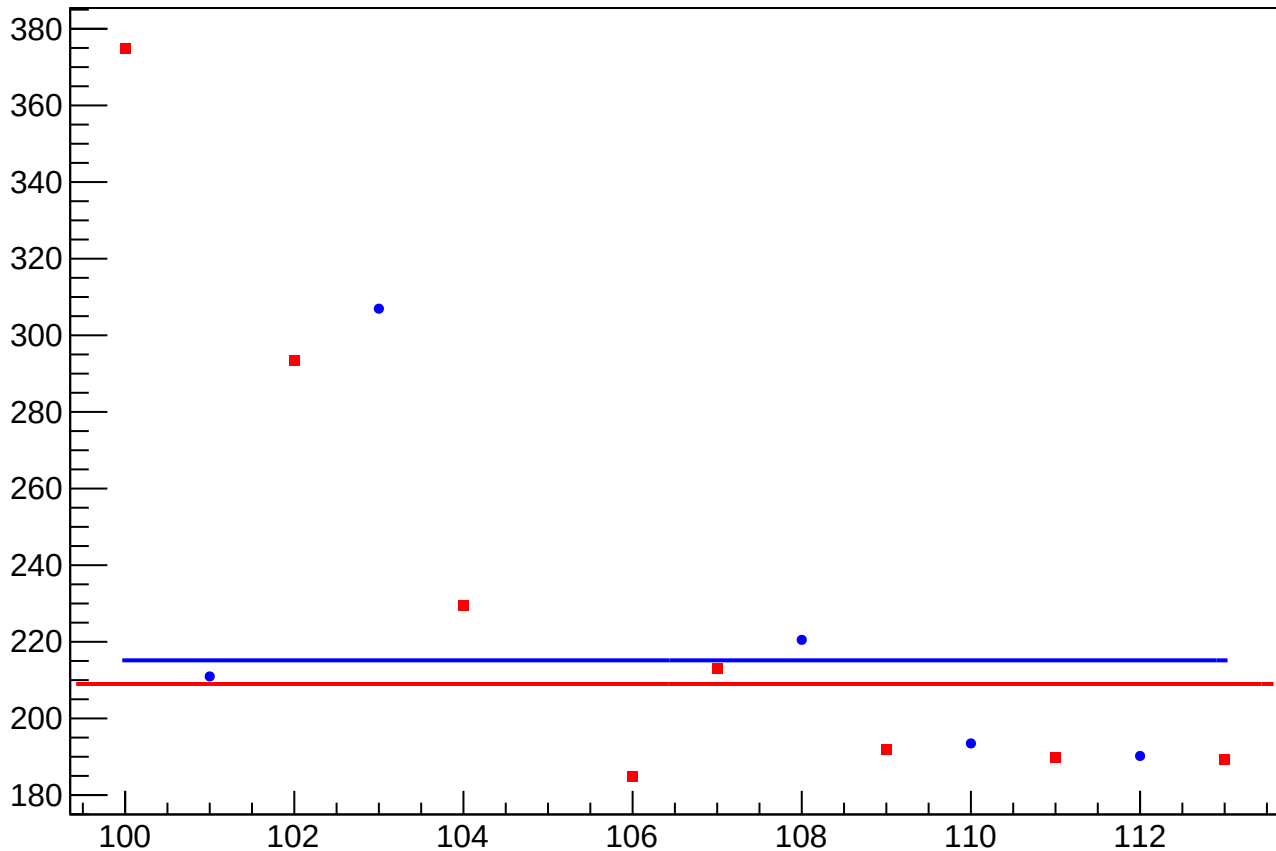
Right: 157.780+/-90.331 χ^2/NDF : 6.6/12

In: 55.794+/-138.057 χ^2/NDF : 3.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.780+/-90.331 χ^2/NDF : 6.6/12

cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 215.162 $\pm$ 0.098 χ^2 /NDF: 133950.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 208.995 $\pm$ 0.084 χ^2 /NDF: 178793.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

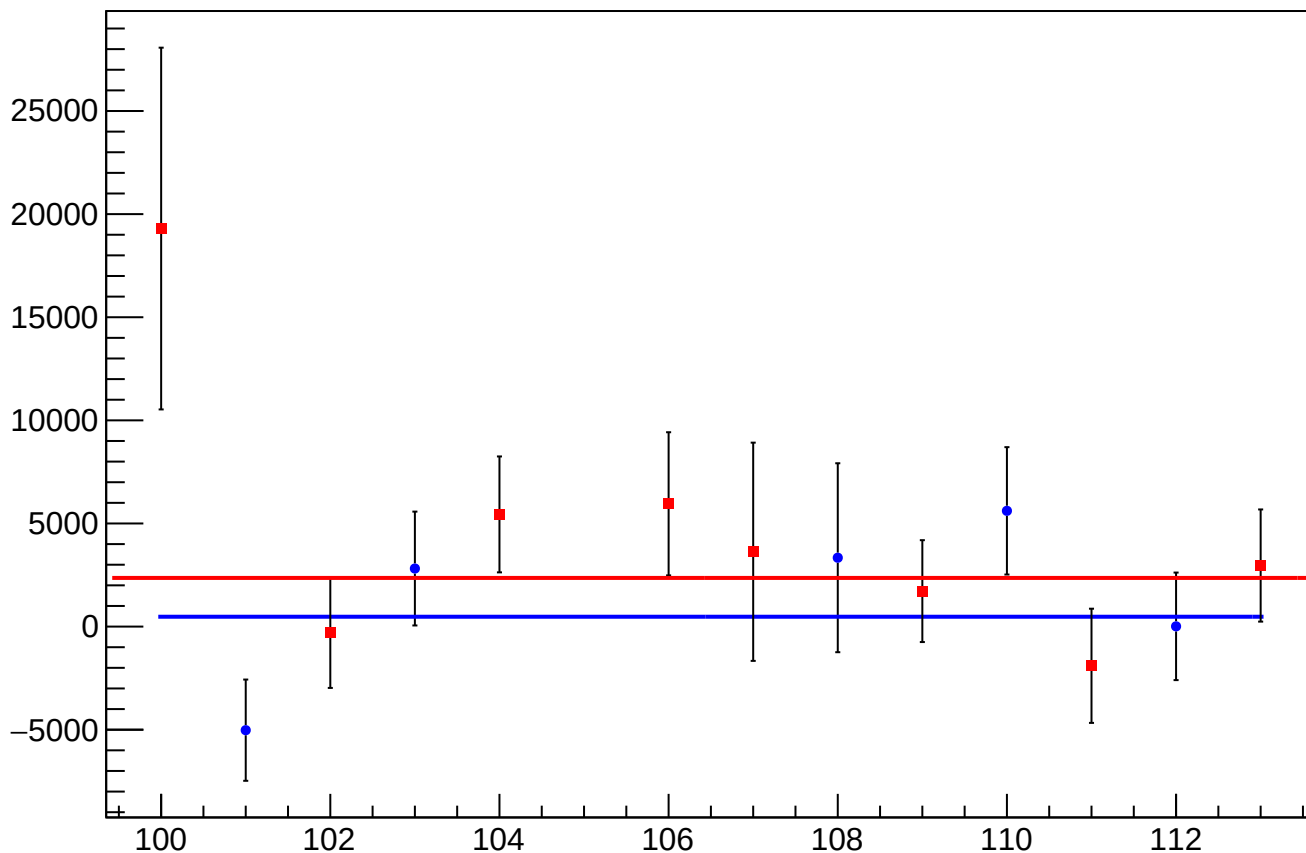
Right: 211.635 $\pm$ 0.064 χ^2 /NDF: 315025.6/12

In: 215.162 $\pm$ 0.098 χ^2 /NDF: 133950.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 211.635 $\pm$ 0.064 χ^2 /NDF: 315025.6/12

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: 2359.682+/-1098.697 χ^2/NDF : 9.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

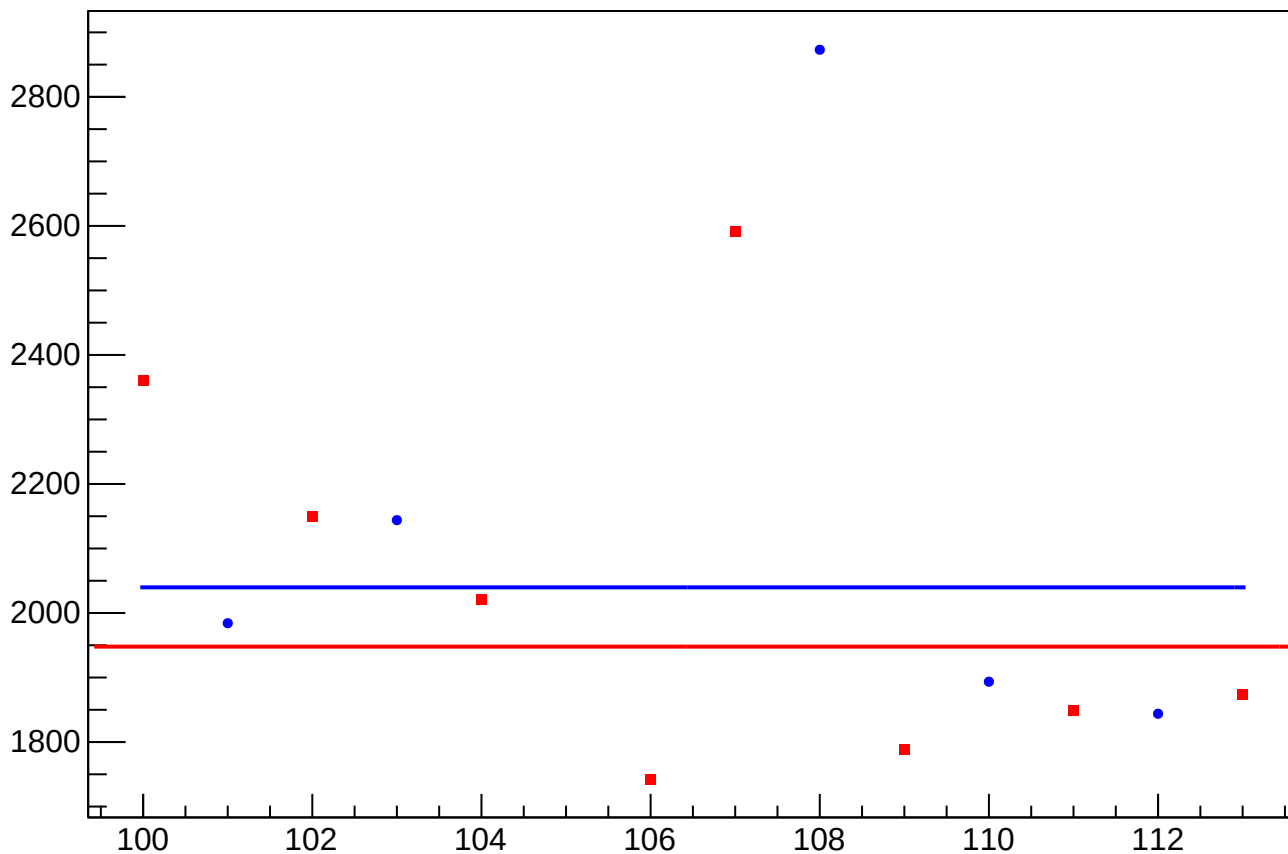
Right: 1571.693+/-837.635 χ^2/NDF : 19.7/12

In: 477.972+/-1294.408 χ^2/NDF : 8.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1571.693+/-837.635 χ^2/NDF : 19.7/12

asym_sam4_cor_correction_rms vs Slug, Sign Corrected



Right In: 2039.772 $\pm$ 0.915 χ^2 /NDF: 85827.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1947.916 $\pm$ 0.777 χ^2 /NDF: 66200.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

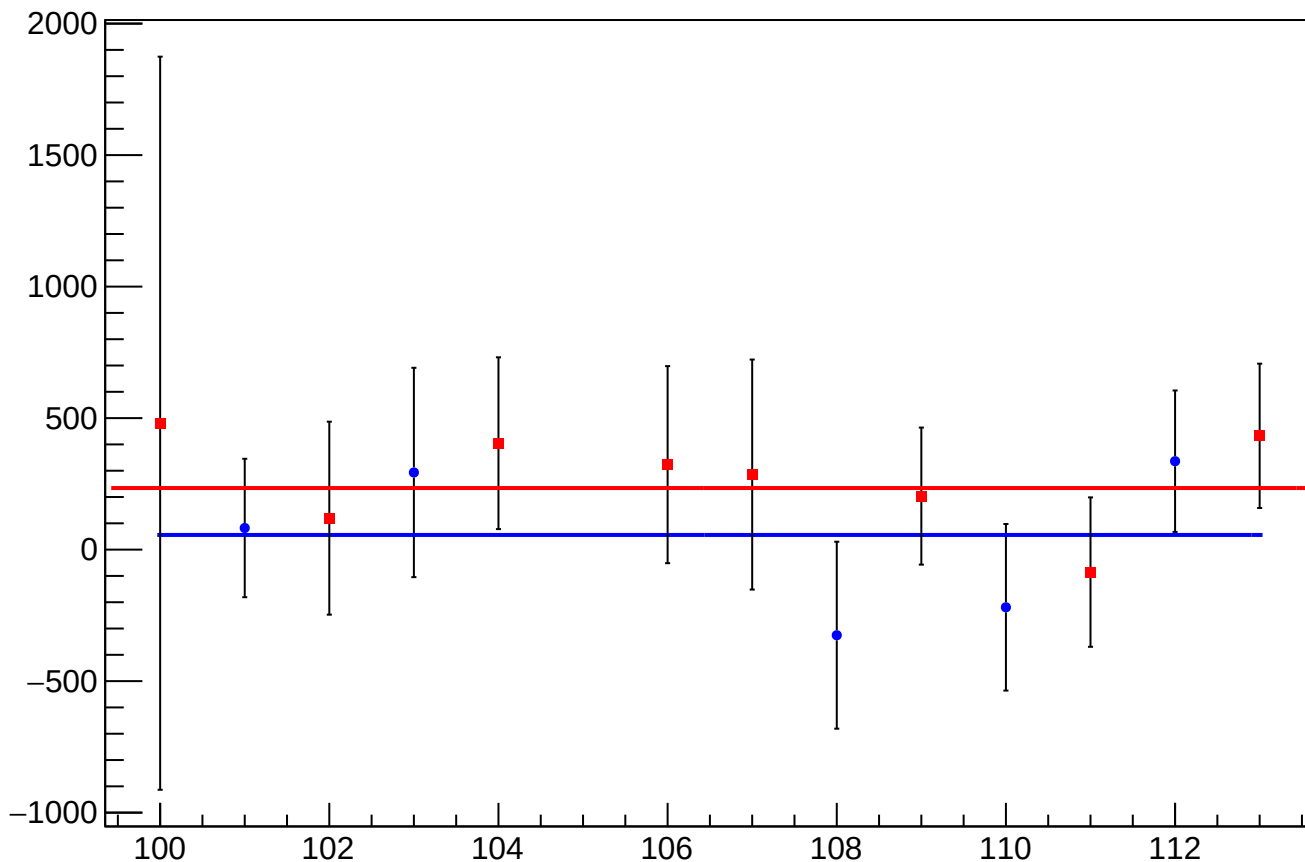
Right: 1986.382 $\pm$ 0.592 χ^2 /NDF: 157882.6/12

In: 2039.772 $\pm$ 0.915 χ^2 /NDF: 85827.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1986.382 $\pm$ 0.592 χ^2 /NDF: 157882.6/12

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: 234.125+/-119.449 χ^2/NDF : 2.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

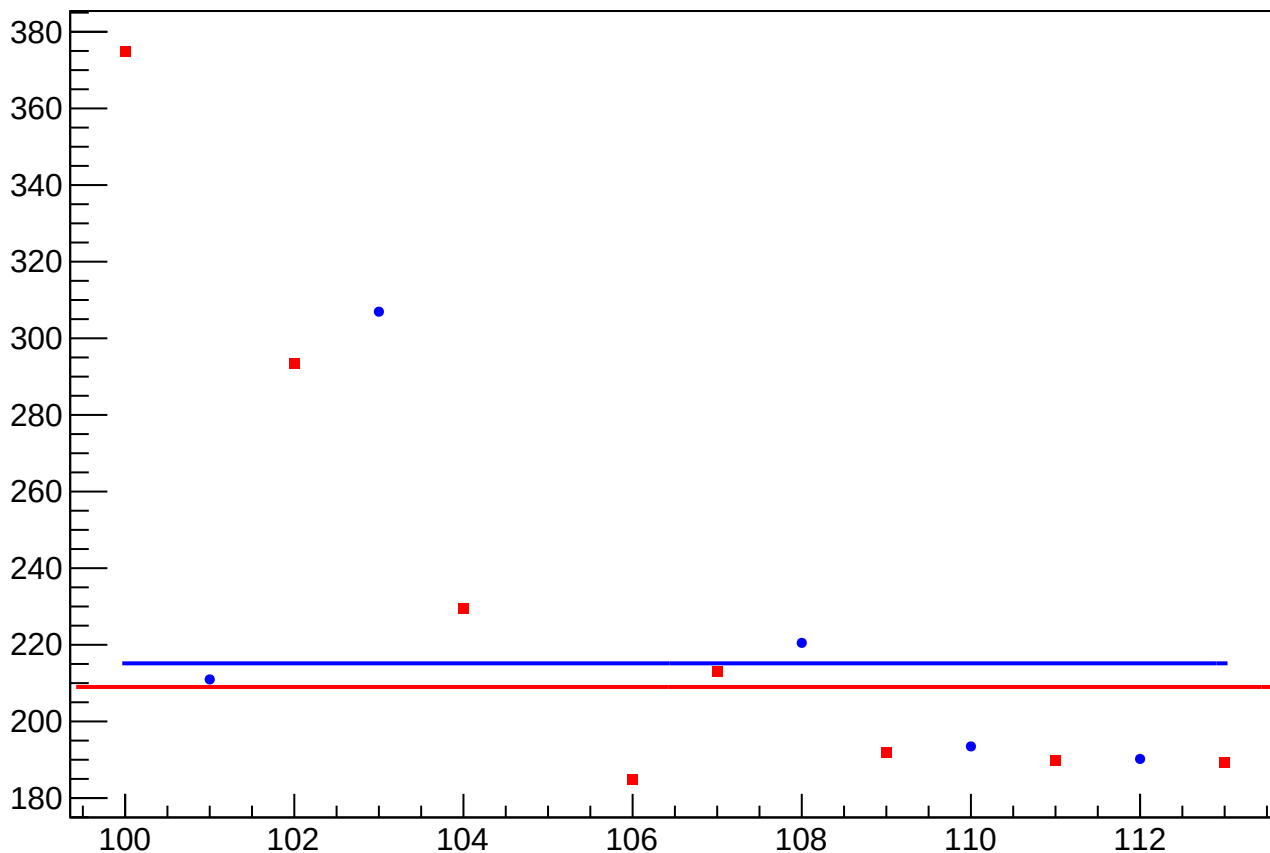
Right: 157.780+/-90.331 χ^2/NDF : 6.6/12

In: 55.794+/-138.057 χ^2/NDF : 3.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.780+/-90.331 χ^2/NDF : 6.6/12

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: 208.995+/-0.084 χ^2/NDF : 178793.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

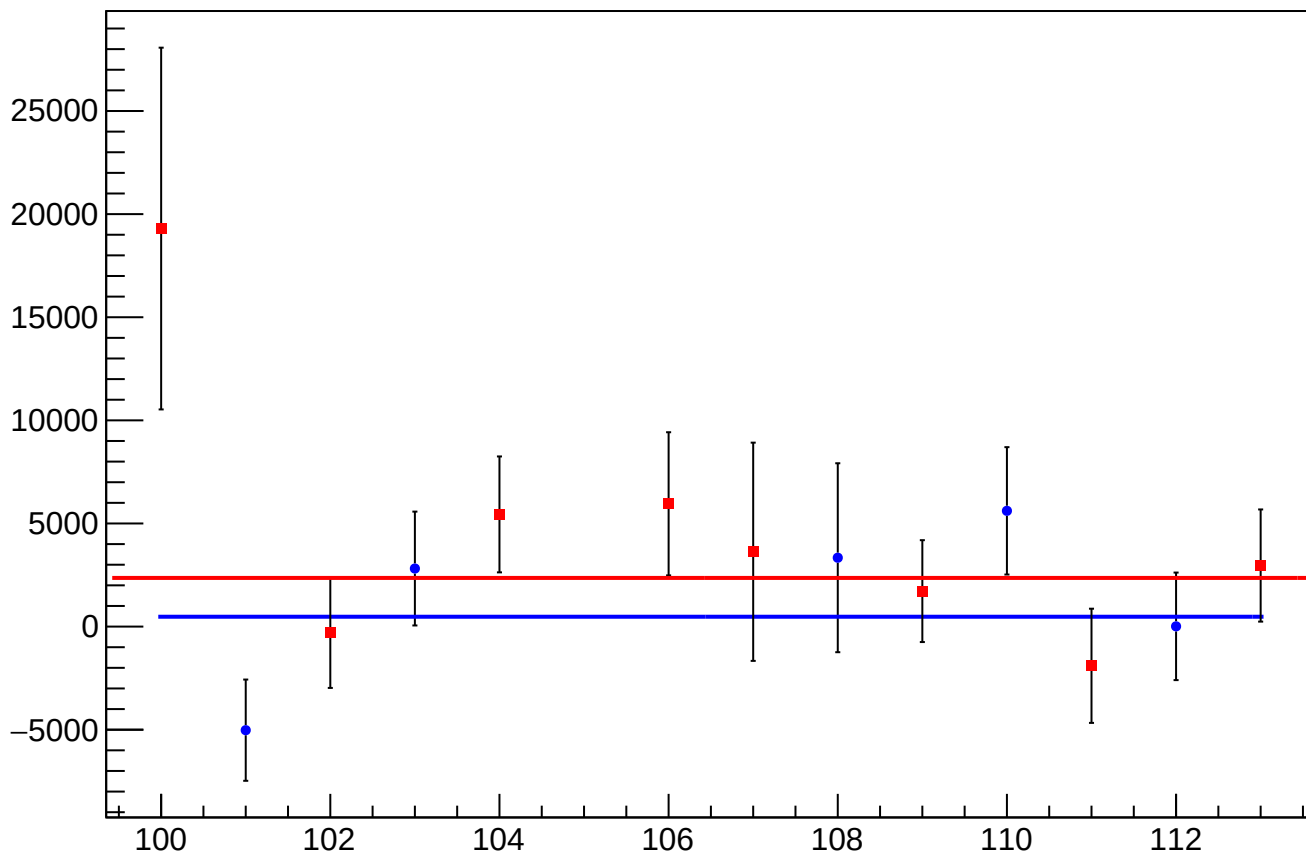
Right: 211.635+/-0.064 χ^2/NDF : 315025.6/12

In: 215.162+/-0.098 χ^2/NDF : 133950.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 211.635+/-0.064 χ^2/NDF : 315025.6/12

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: 2359.682+/-1098.697 χ^2/NDF : 9.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

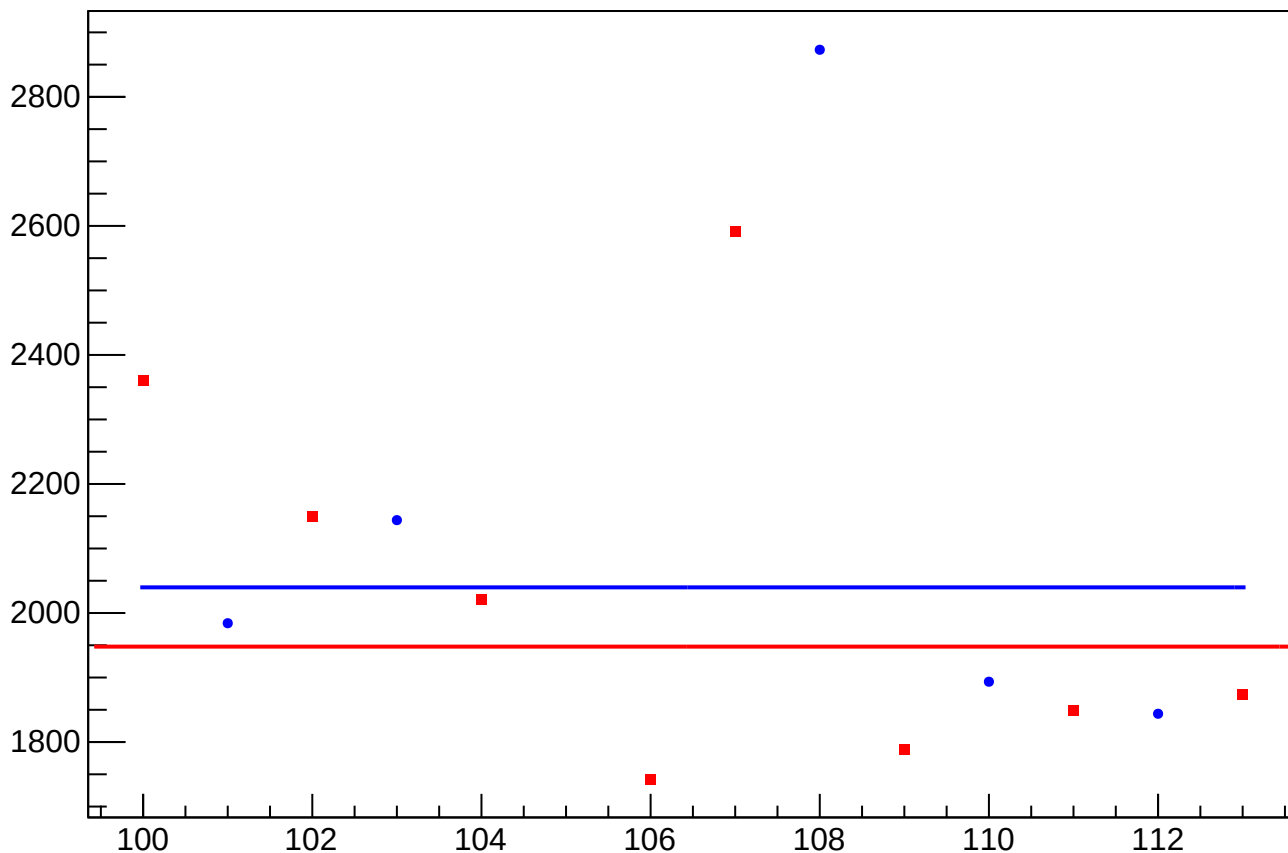
Right: 1571.693+/-837.635 χ^2/NDF : 19.7/12

In: 477.972+/-1294.408 χ^2/NDF : 8.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1571.693+/-837.635 χ^2/NDF : 19.7/12

asym_sam4_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2039.772 $\pm$ 0.915 χ^2 /NDF: 85827.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1947.916 $\pm$ 0.777 χ^2 /NDF: 66200.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

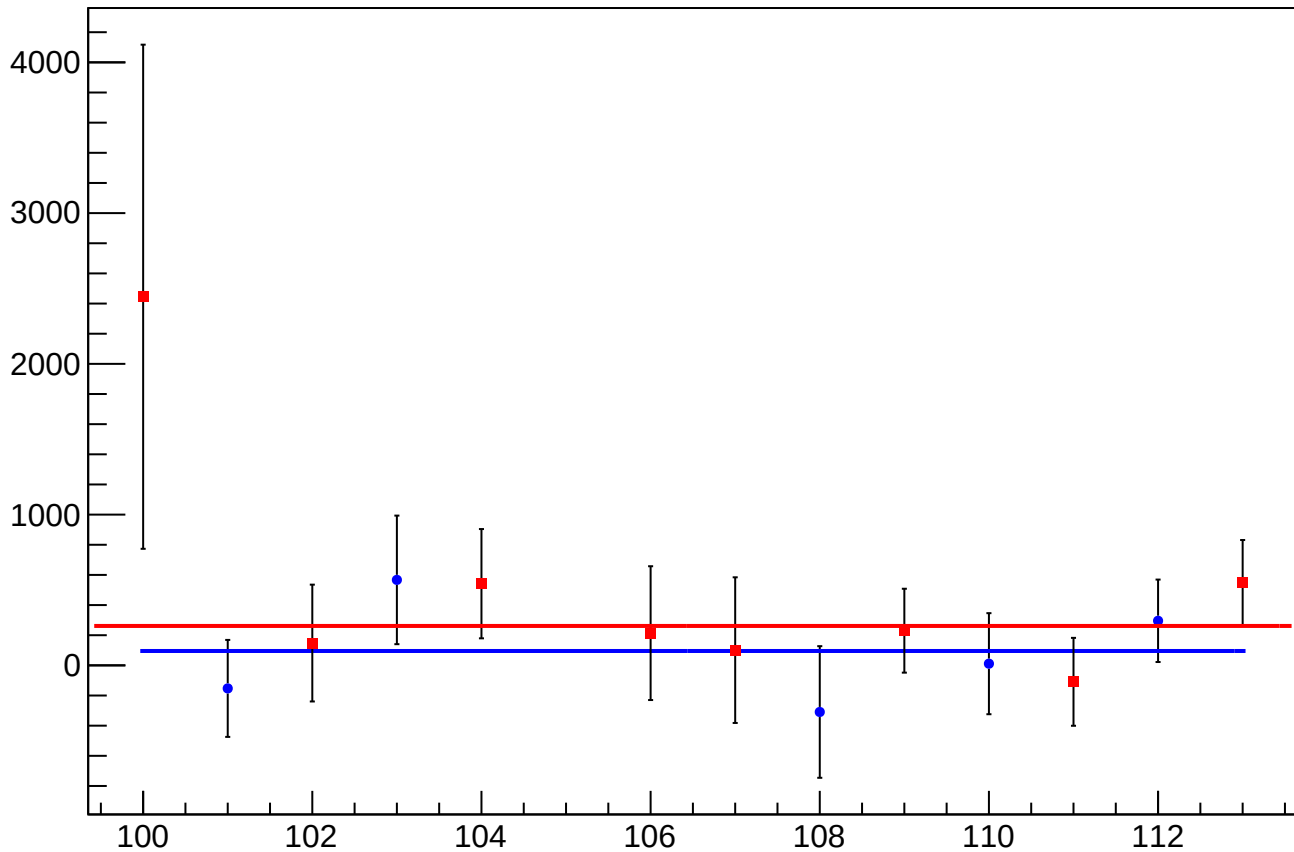
Right: 1986.382 $\pm$ 0.592 χ^2 /NDF: 157882.6/12

In: 2039.772 $\pm$ 0.915 χ^2 /NDF:85827.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1986.382 $\pm$ 0.592 χ^2 /NDF: 157882.6/12

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: 261.496+/-127.982 χ^2/NDF : 5.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

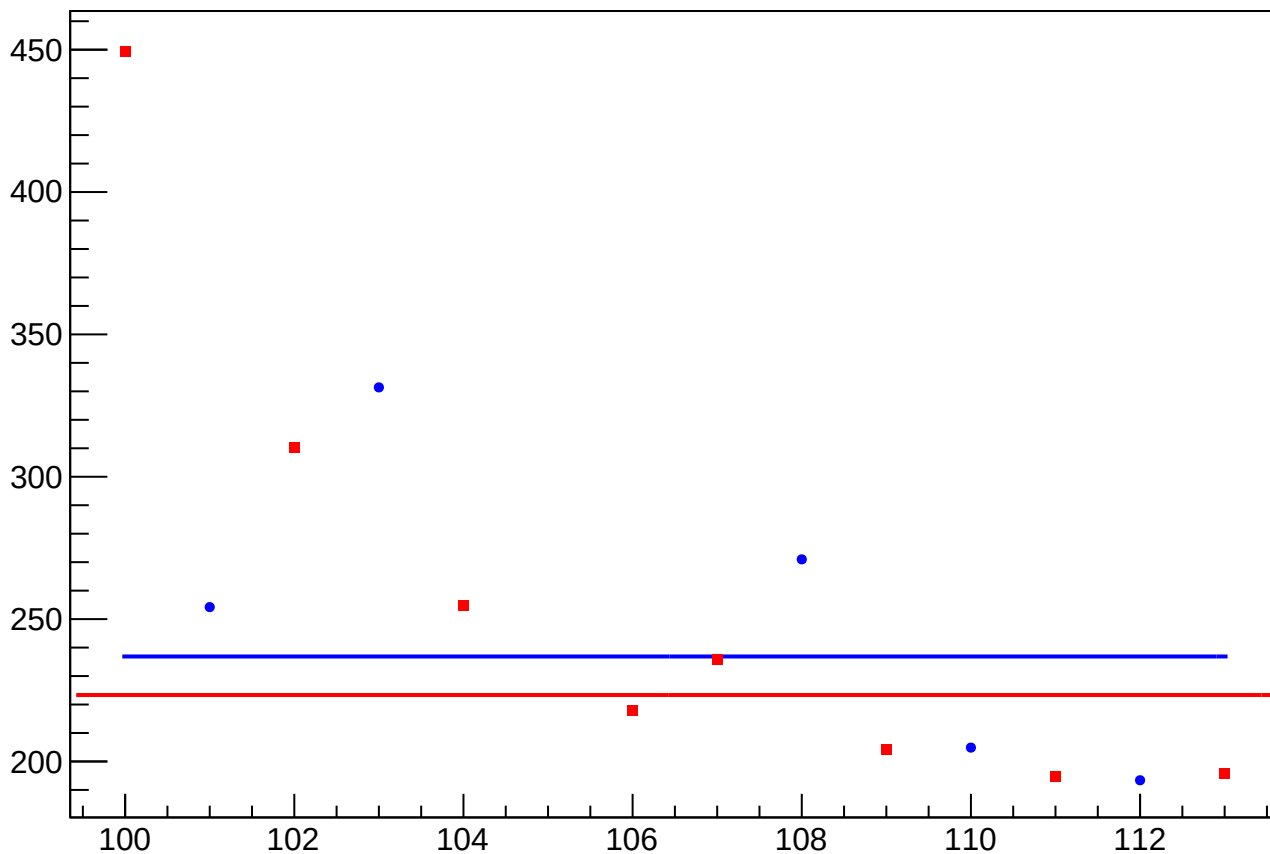
Right: 193.144+/-98.181 χ^2/NDF : 9.1/12

In: 95.384+/-153.056 χ^2/NDF : 3.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 193.144+/-98.181 χ^2/NDF : 9.1/12

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 236.876 $\pm$ 0.108 χ^2 /NDF: 185051.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 223.341 $\pm$ 0.090 χ^2 /NDF: 201424.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

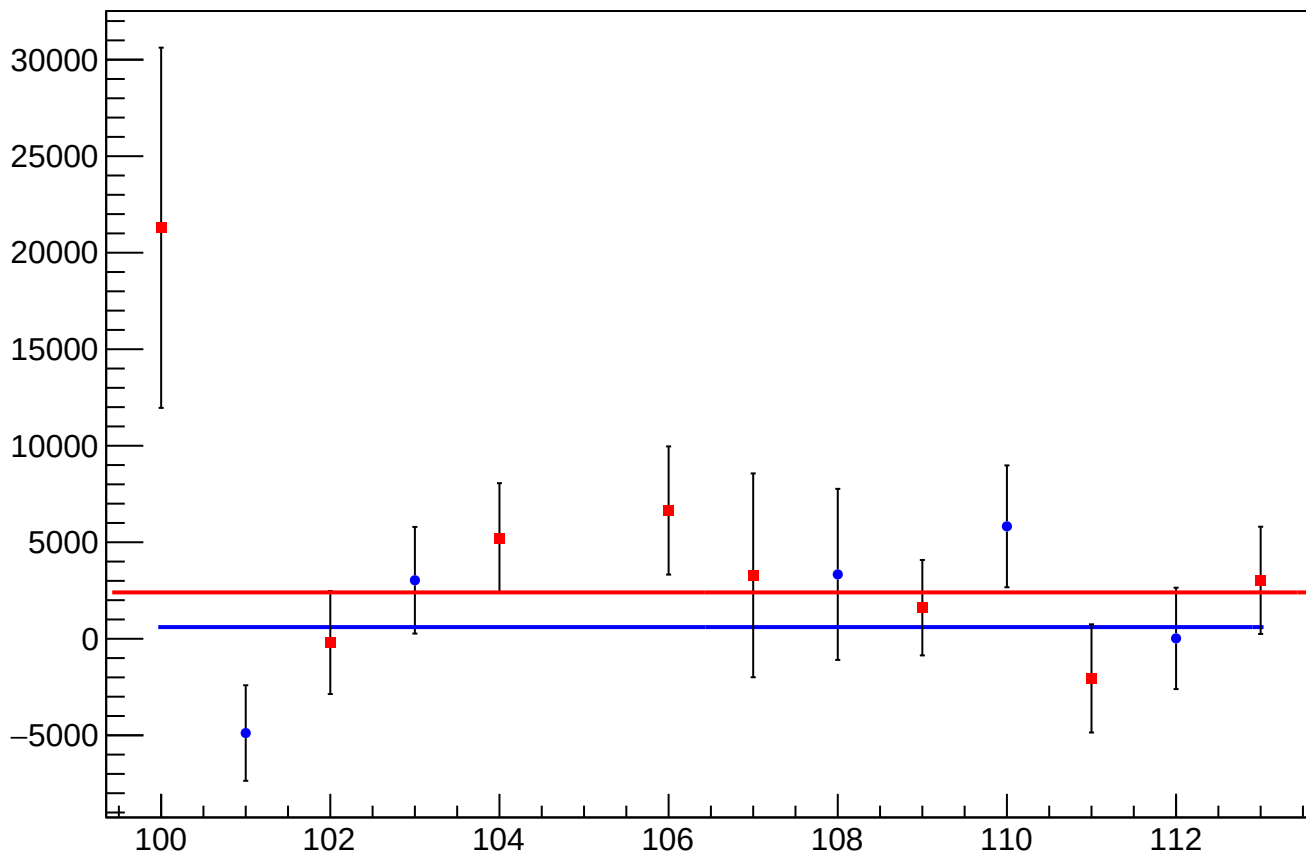
Right: 228.910 $\pm$ 0.069 χ^2 /NDF: 395681.2/12

In: 236.876 $\pm$ 0.108 χ^2 /NDF:185051.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 228.910 $\pm$ 0.069 χ^2 /NDF: 395681.2/12

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: 2402.644+/-1102.532 χ^2/NDF : 10.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

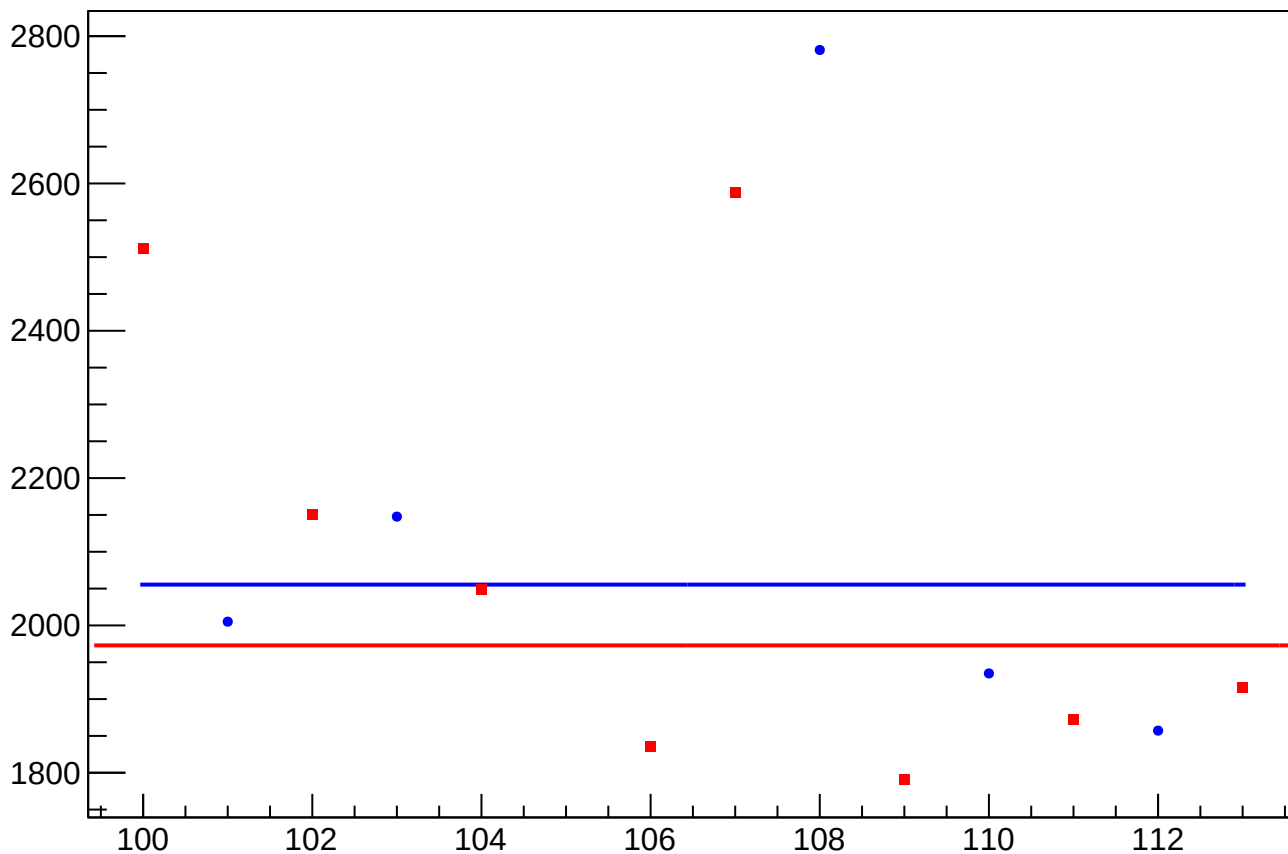
Right: 1651.645+/-841.165 χ^2/NDF : 20.3/12

In: 605.670+/-1301.165 χ^2/NDF : 8.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1651.645+/-841.165 χ^2/NDF : 20.3/12

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: 1972.885 $\pm$ 0.780 χ^2 /NDF: 61778.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

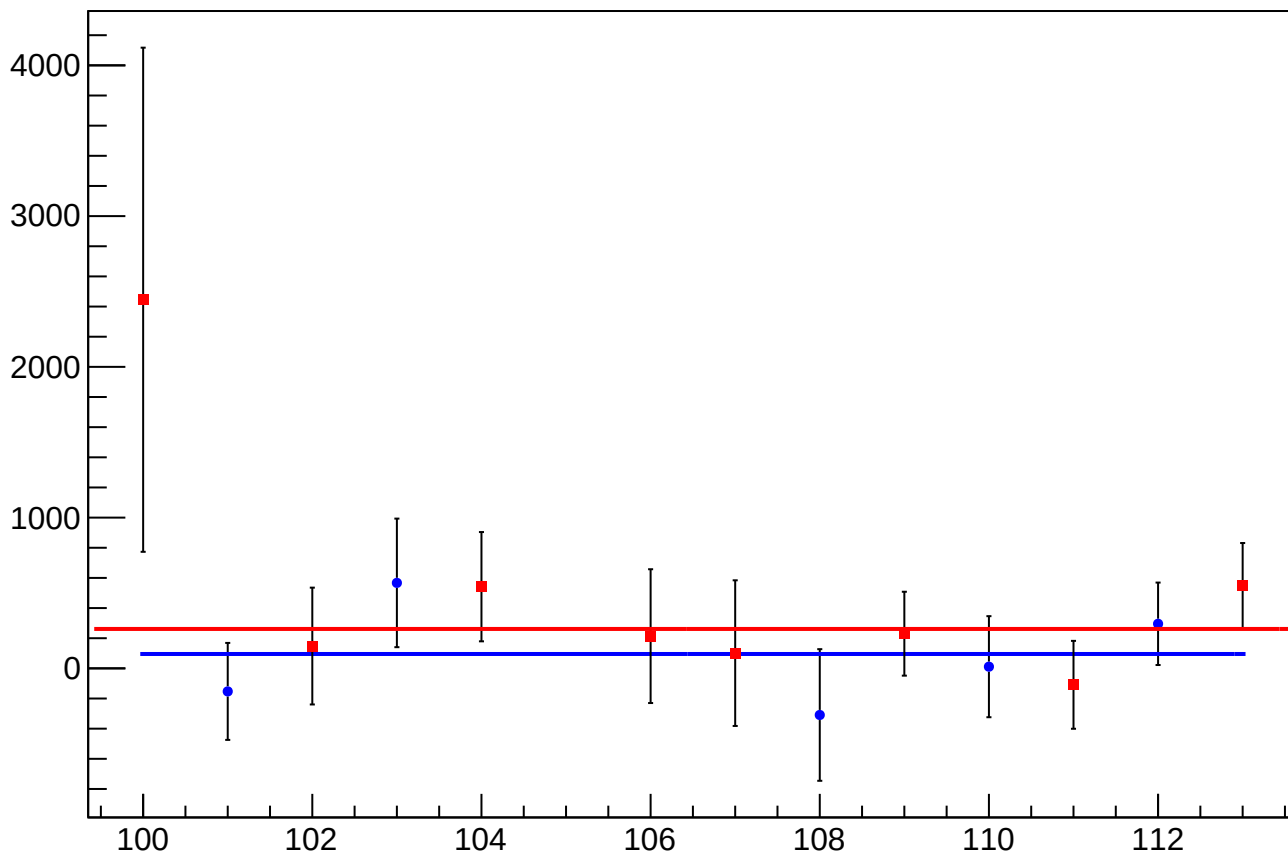
Right: 2007.373 $\pm$ 0.595 χ^2 /NDF: 137498.8/12

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: 2007.373 $\pm$ 0.595 χ^2 /NDF: 137498.8/12

eigen_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: 261.494+/-127.982 χ^2/NDF : 5.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

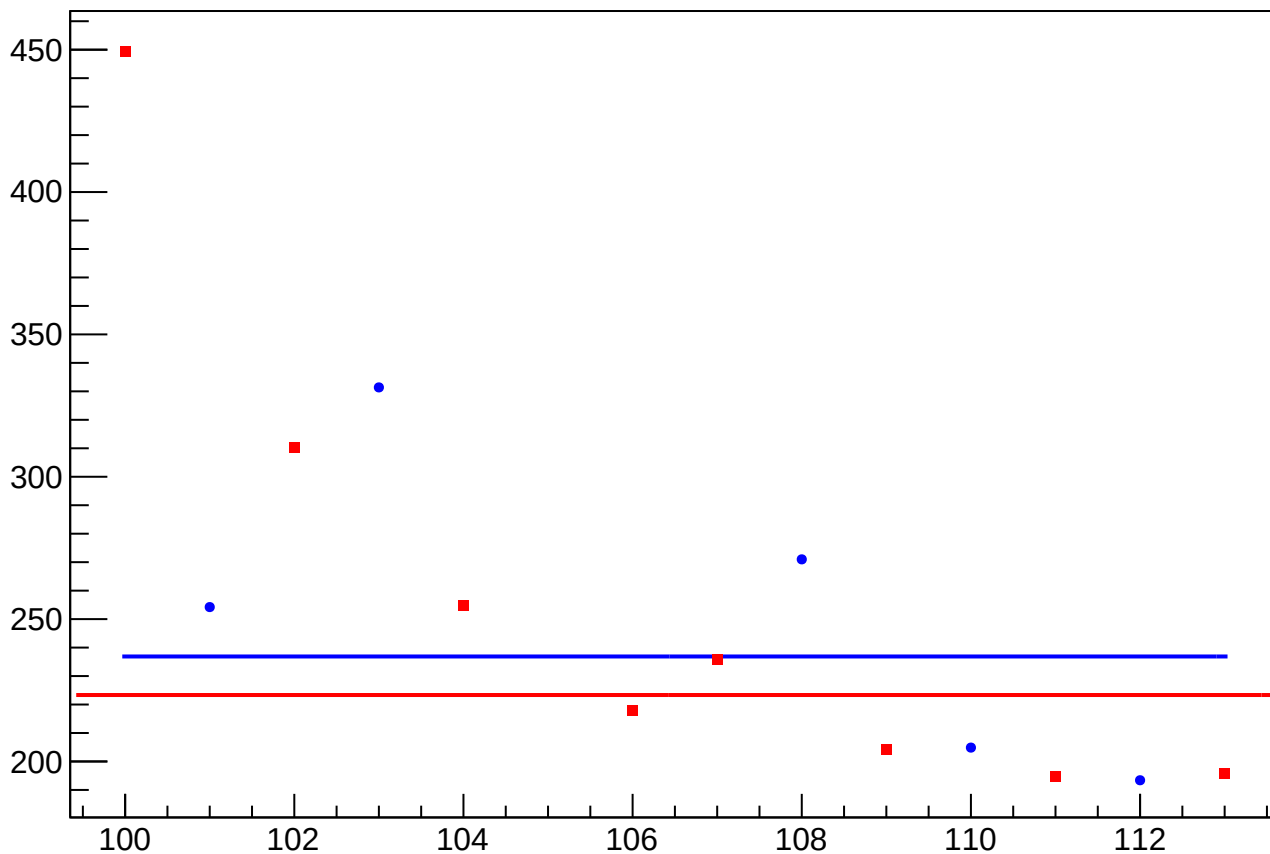
Right: 193.142+/-98.181 χ^2/NDF : 9.1/12

In: 95.384+/-153.056 χ^2/NDF : 3.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 193.142+/-98.181 χ^2/NDF : 9.1/12

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: 223.340+/-0.090 χ^2/NDF : 201425.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

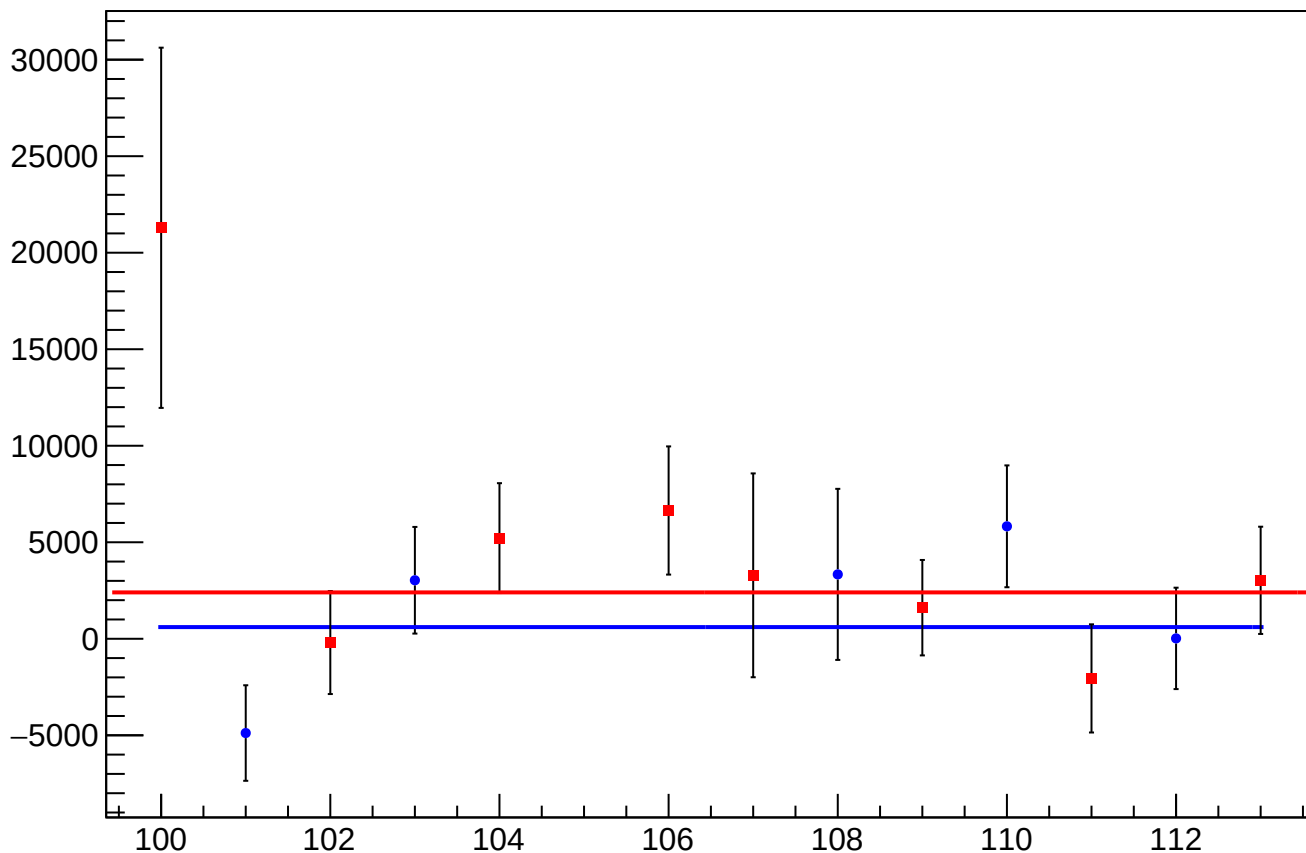
Right: 228.910+/-0.069 χ^2/NDF : 395686.8/12

In: 236.876+/-0.108 χ^2/NDF : 185055.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.910+/-0.069 χ^2/NDF : 395686.8/12

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: 2402.641+/-1102.532 χ^2/NDF : 10.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

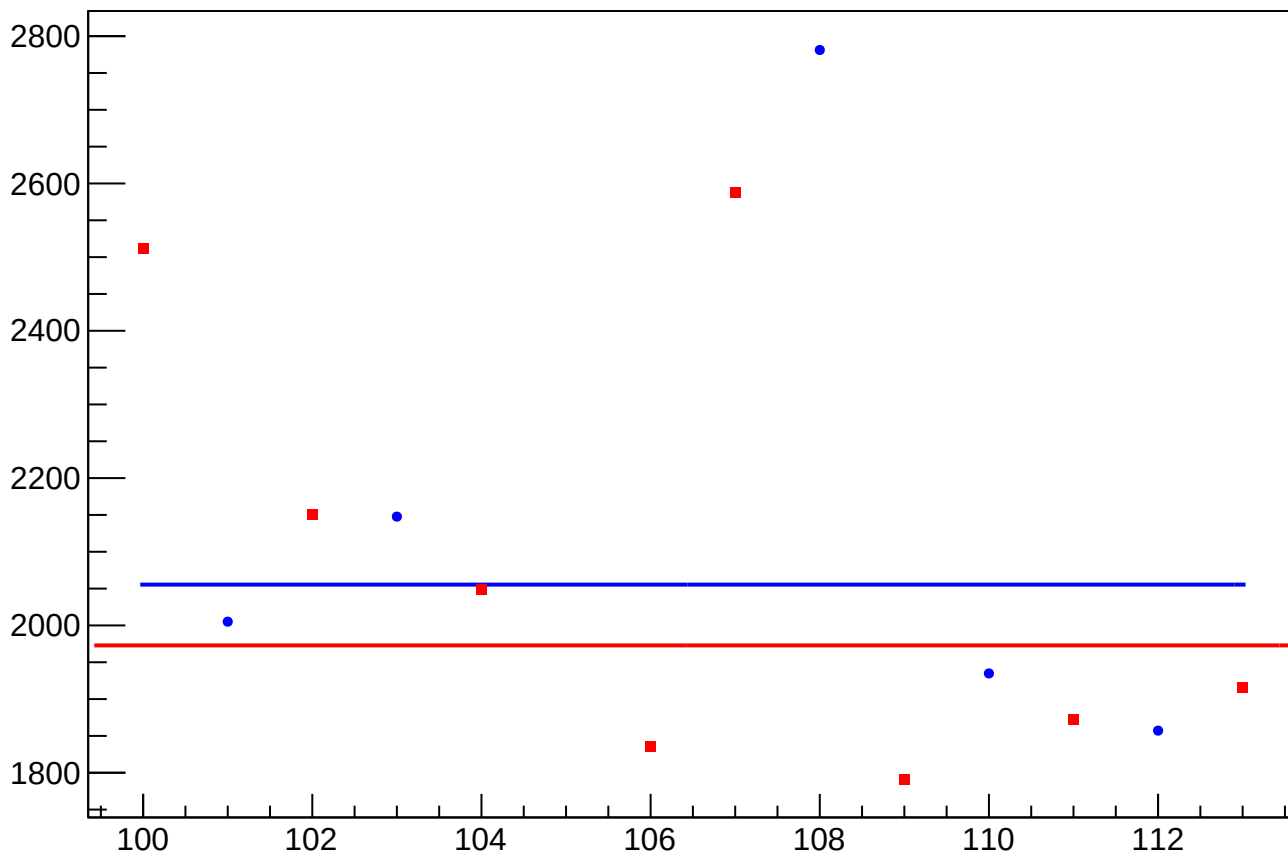
Right: 1651.644+/-841.164 χ^2/NDF : 20.3/12

In: 605.671+/-1301.165 χ^2/NDF : 8.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1651.644+/-841.164 χ^2/NDF : 20.3/12

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: 1972.883 $\pm$ 0.780 χ^2 /NDF: 61778.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

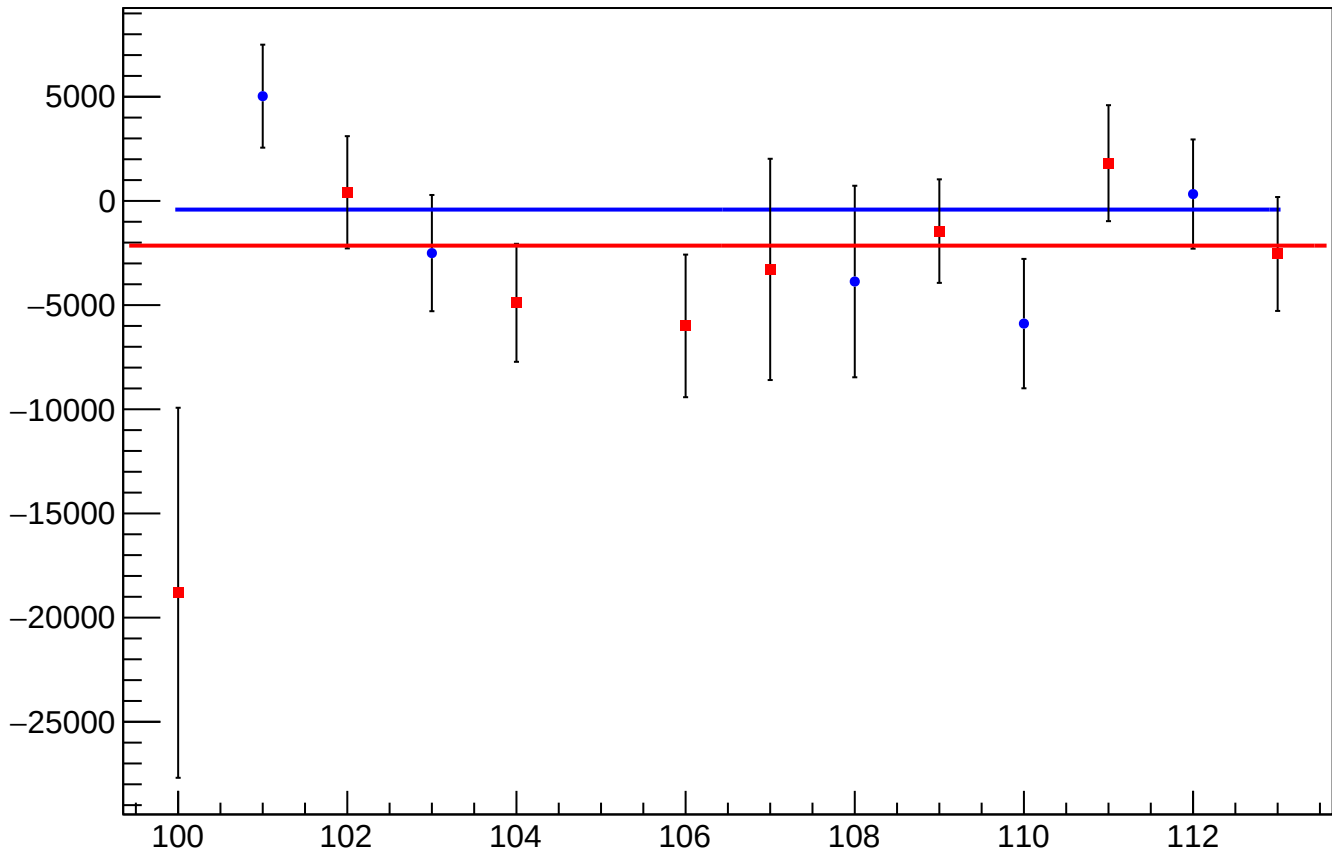
Right: 2007.372 $\pm$ 0.595 χ^2 /NDF: 137500.1/12

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: 2007.372 $\pm$ 0.595 χ^2 /NDF: 137500.1/12

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: -2145.159+/-1103.670 χ^2/NDF : 8.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

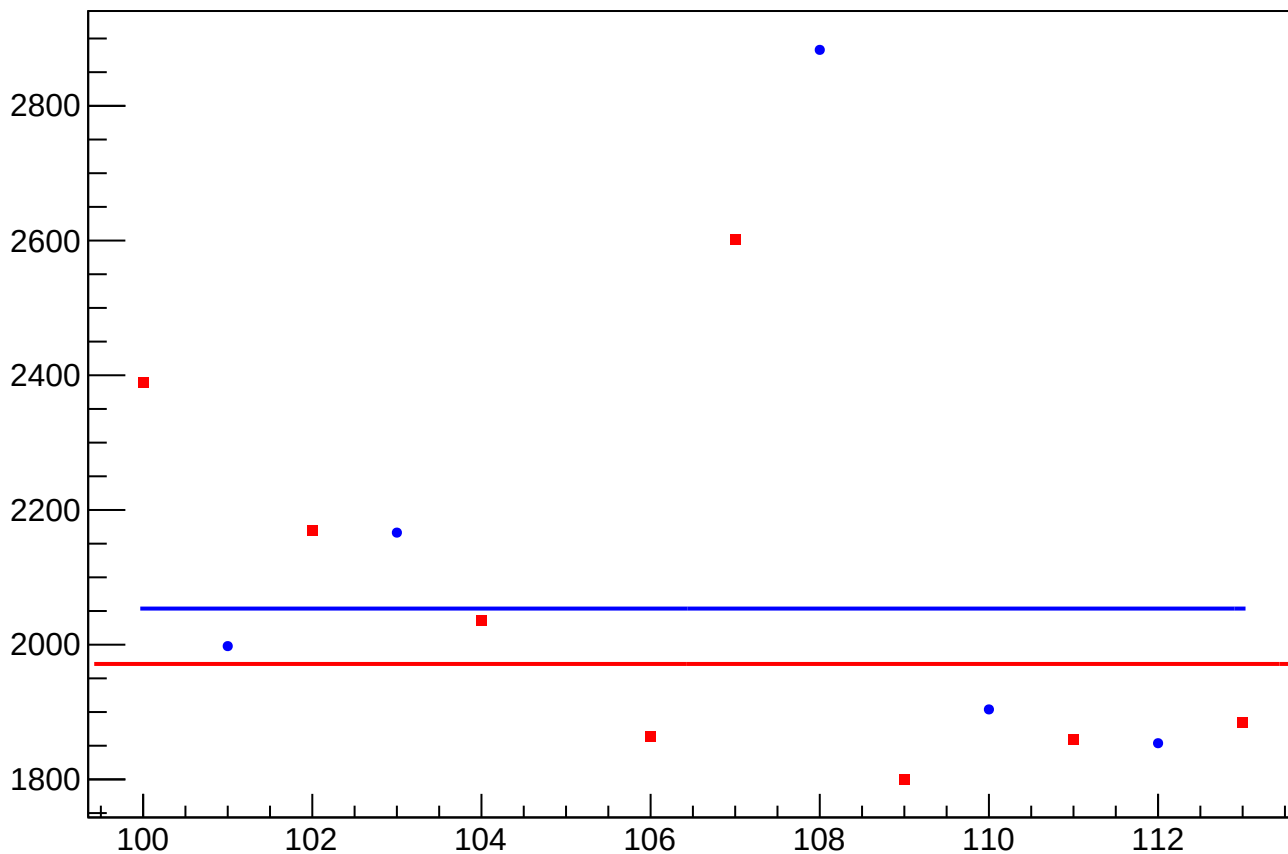
Right: -1422.661+/-842.223 χ^2/NDF : 19.0/12

In: -415.296+/-1303.210 χ^2/NDF : 9.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1422.661+/-842.223 χ^2/NDF : 19.0/12

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: 1971.401+/-0.780 χ^2/NDF : 61294.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

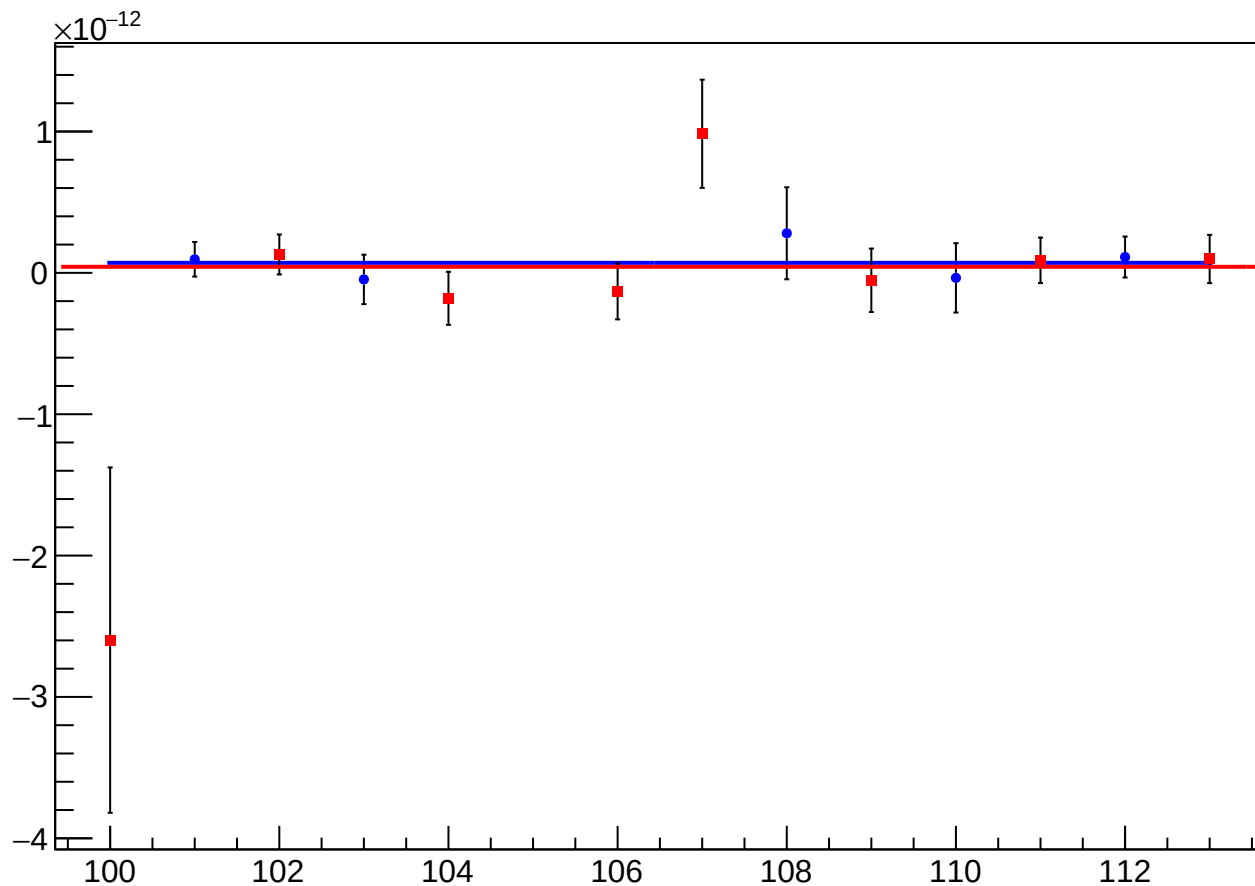
Right: 2005.743+/-0.596 χ^2/NDF : 151622.4/12

In: 2053.627+/-0.922 χ^2/NDF : 85691.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2005.743+/-0.596 χ^2/NDF : 151622.4/12

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 : 13.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

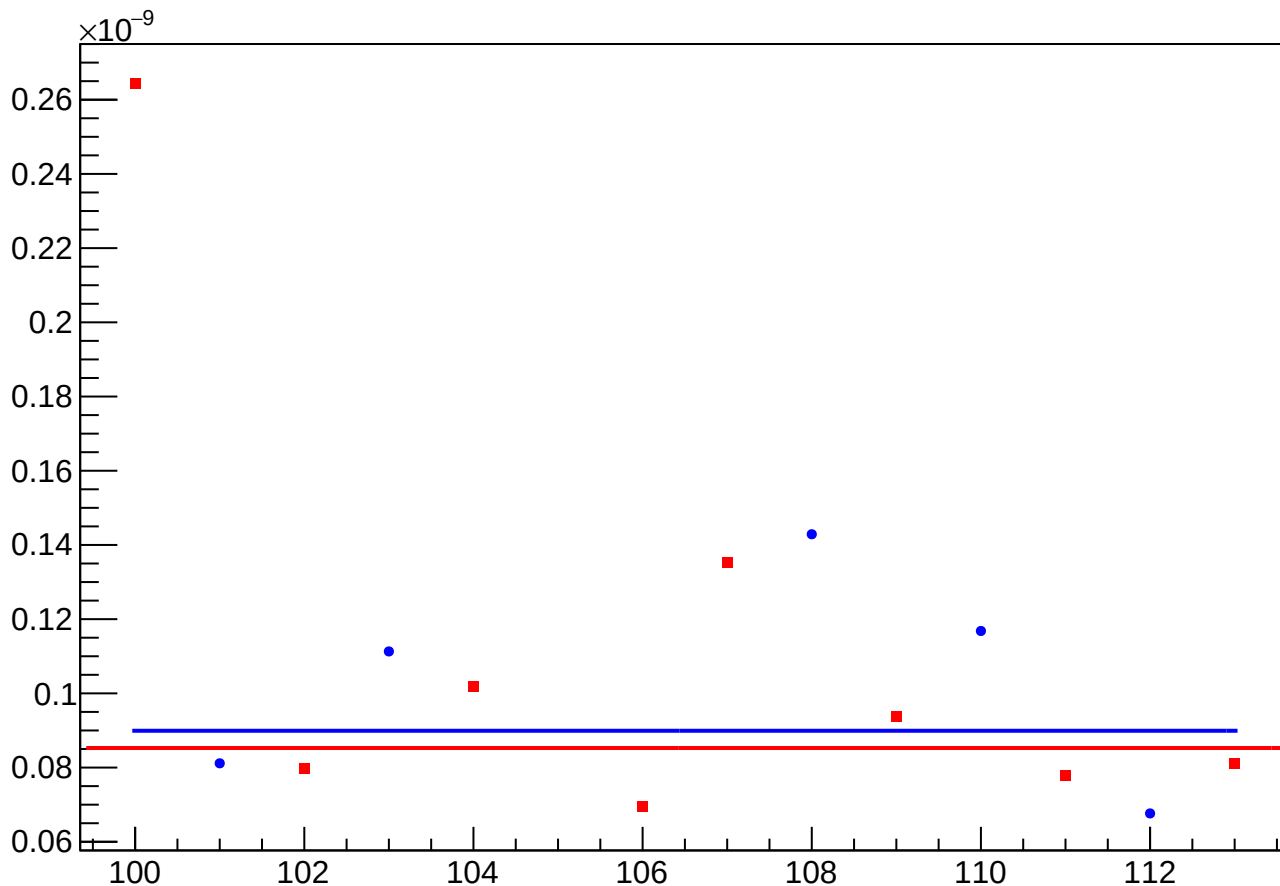
Right: 0.000+/-0.000 χ^2/NDF : 14.9/12

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 : 14.9/12

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 : 116858.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

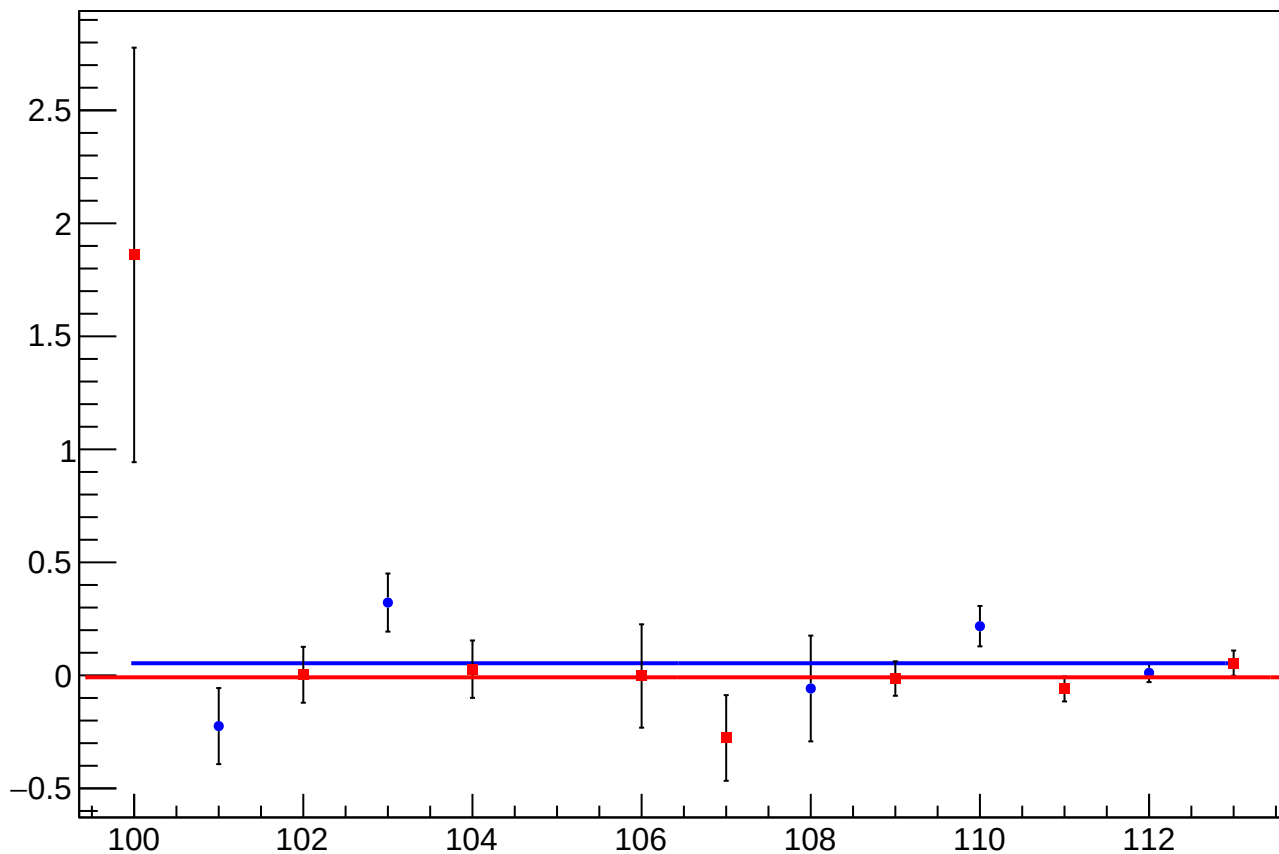
Right: 0.000+/-0.000 χ^2/NDF : 285419.8/12

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 : 285419.8/12

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: -0.009+/-0.032 χ^2/NDF : 8.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

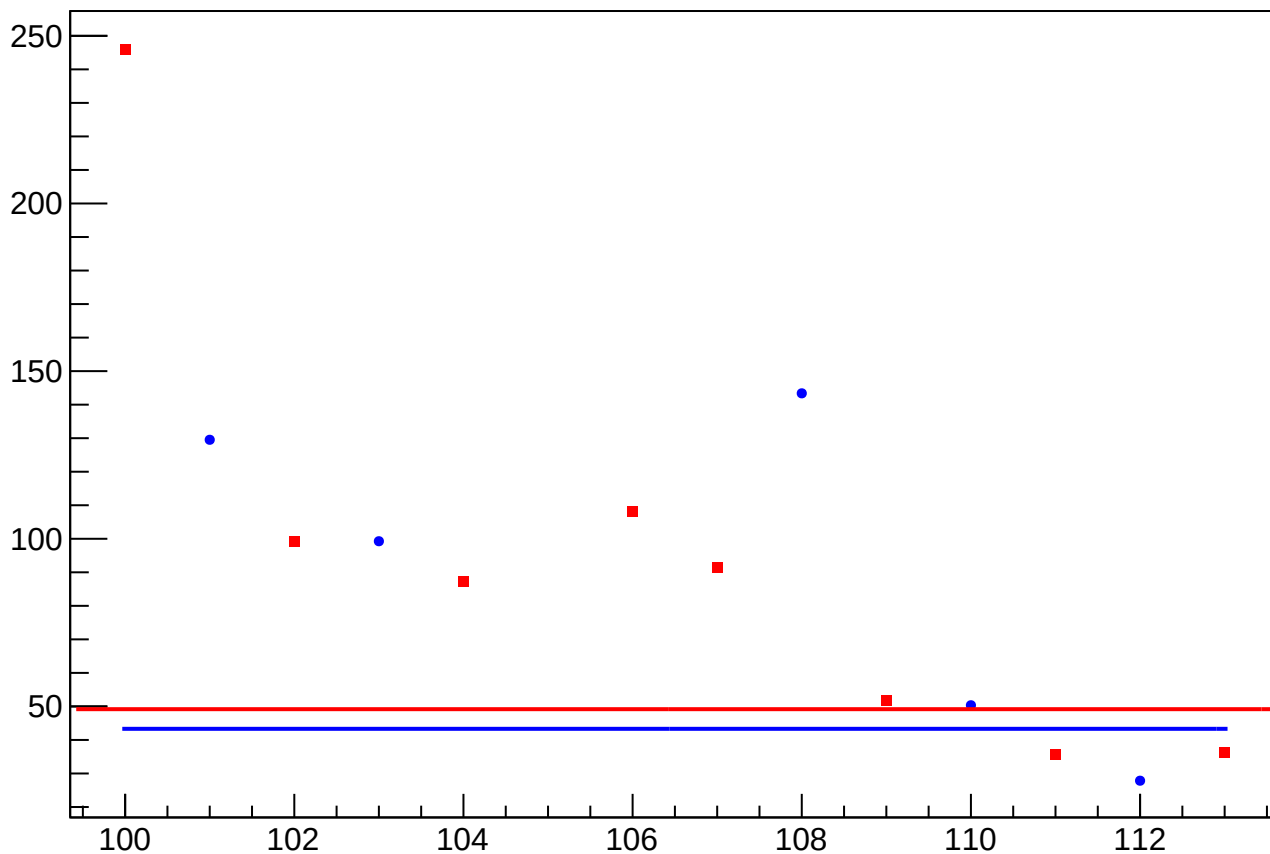
Right: 0.020+/-0.023 χ^2/NDF : 21.9/12

In: 0.054+/-0.035 χ^2/NDF : 11.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.023 χ^2/NDF : 21.9/12

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: 49.181+/-0.022 χ^2/NDF : 1065535.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

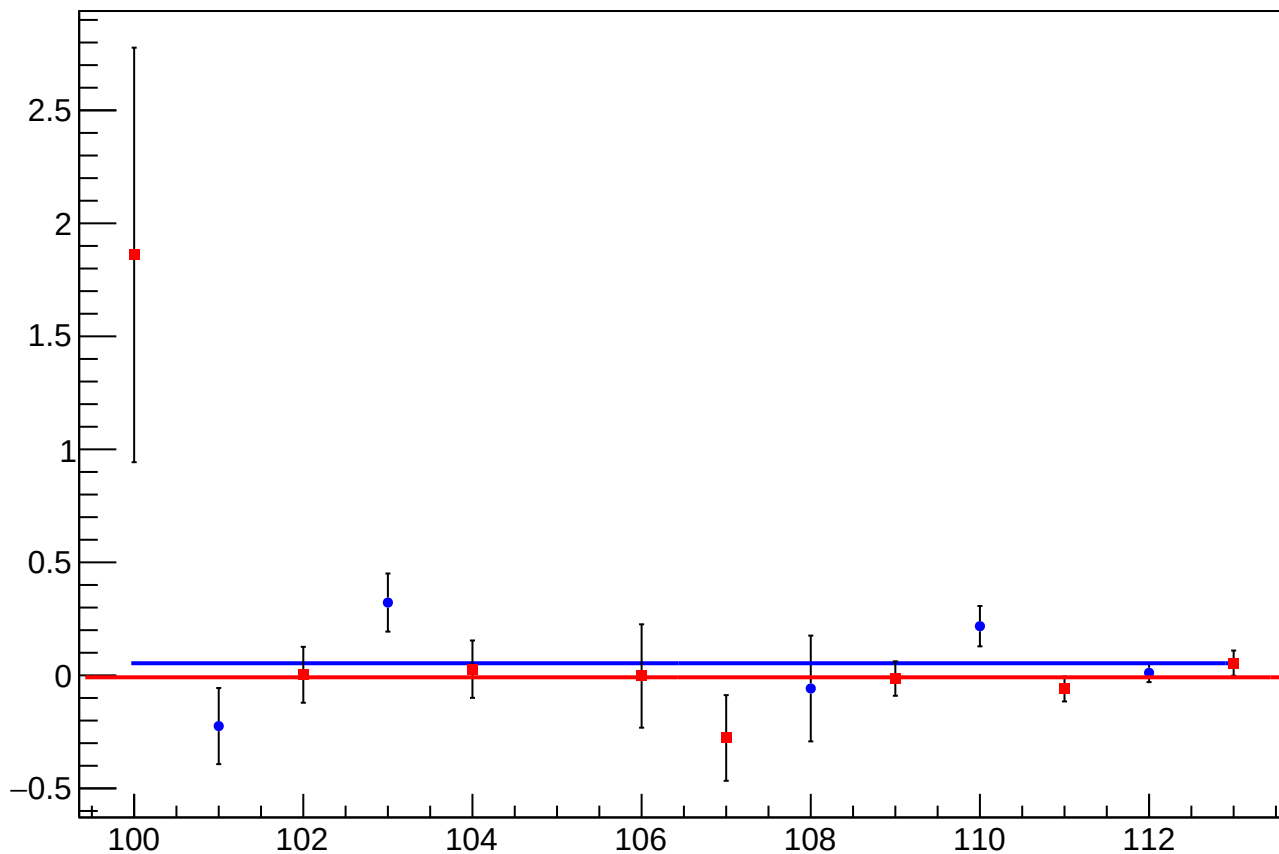
Right: 46.521+/-0.017 χ^2/NDF : 2660819.1/12

In: 43.321+/-0.025 χ^2/NDF : 1564148.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.521+/-0.017 χ^2/NDF : 2660819.1/12

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: -0.009+/-0.032 χ^2/NDF : 8.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

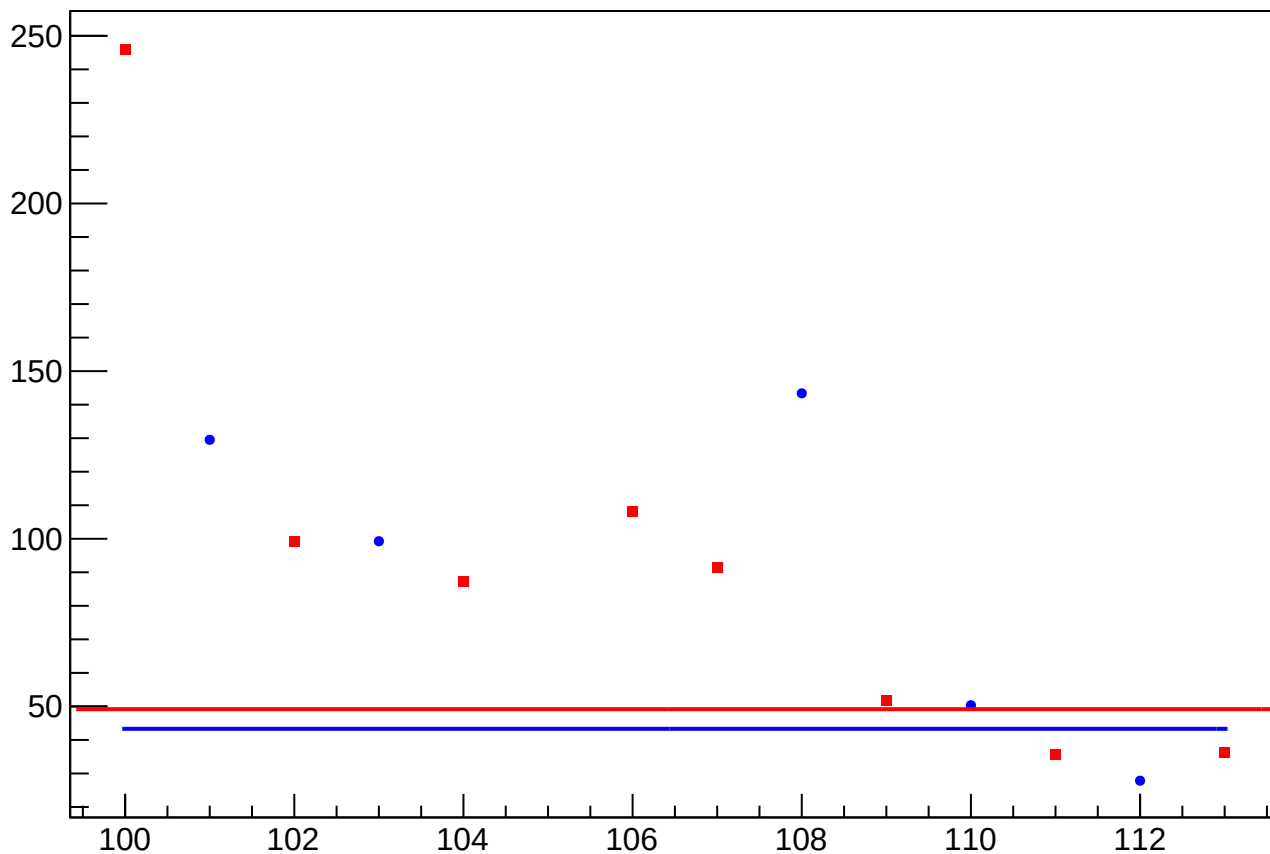
Right: 0.020+/-0.023 χ^2/NDF : 21.9/12

In: 0.054+/-0.035 χ^2/NDF : 11.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.023 χ^2/NDF : 21.9/12

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: 49.181+/-0.022 χ^2/NDF : 1065535.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

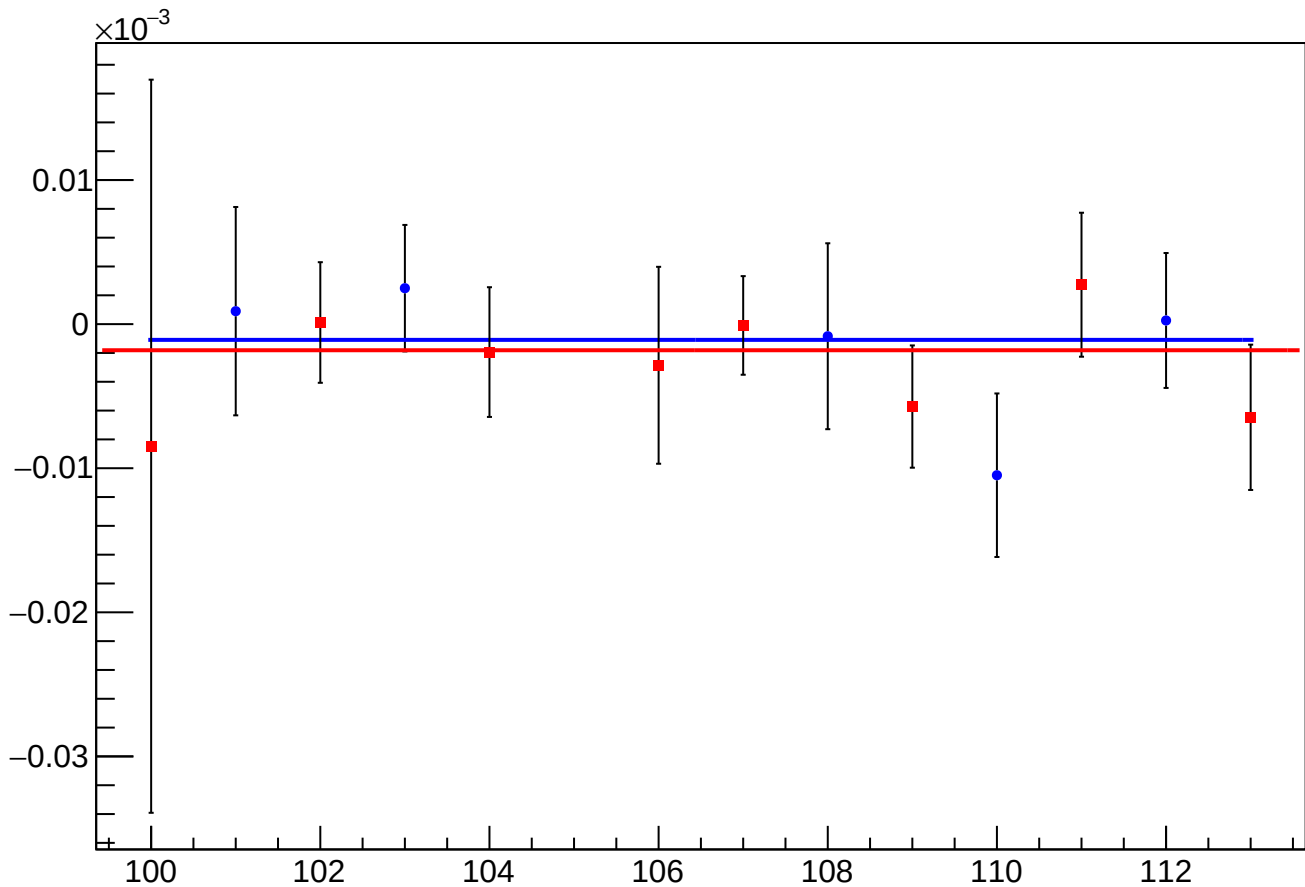
Right: 46.521+/-0.017 χ^2/NDF : 2660819.1/12

In: 43.321+/-0.025 χ^2/NDF : 1564148.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.521+/-0.017 χ^2/NDF : 2660819.1/12

asym_sam4_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ -0.000 χ^2 /NDF: 3.6/4

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ -0.000 χ^2 /NDF: 3.1/7

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

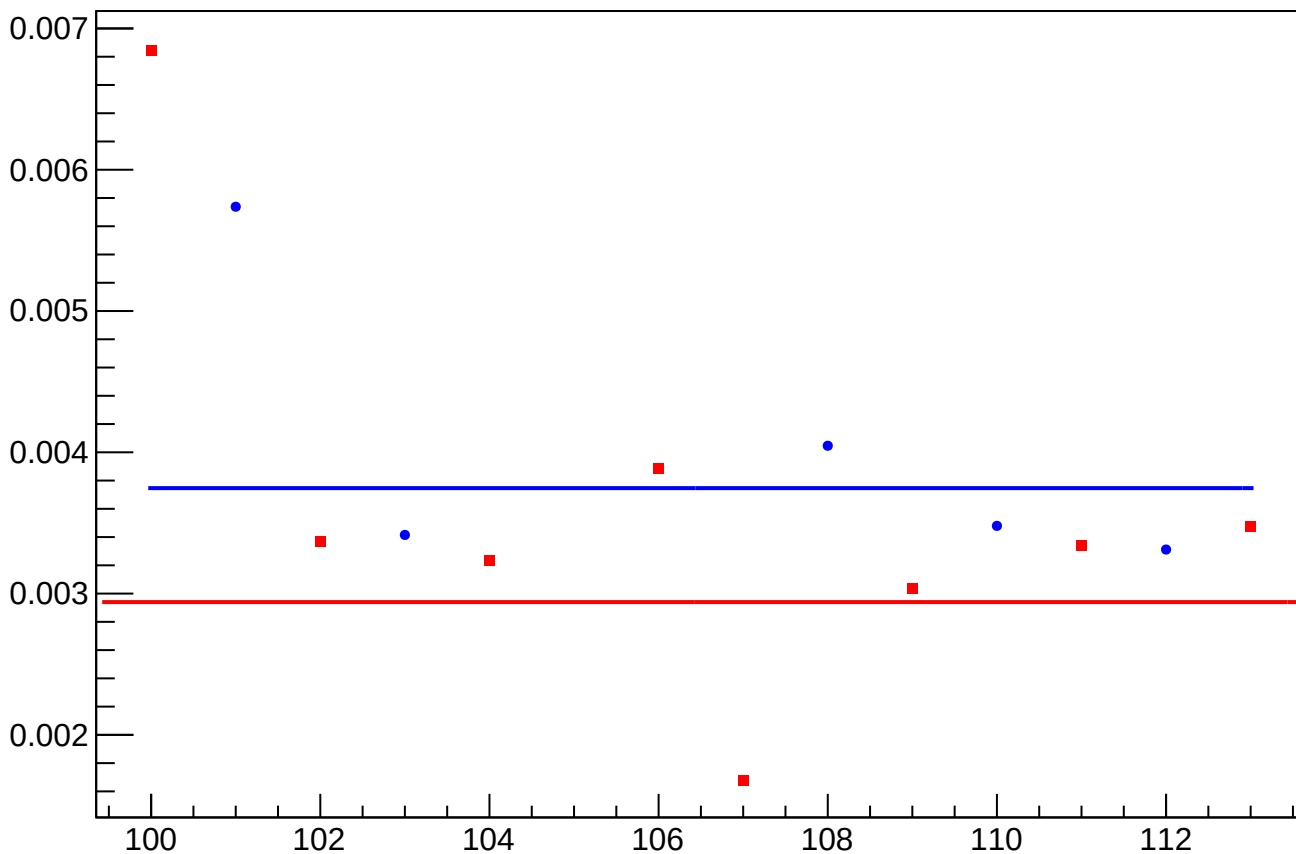
Right: -0.000 $\pm$ -0.000 χ^2 /NDF: 6.7/12

In: -0.000 $\pm$ -0.000 χ^2 /NDF:3.6/4

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ -0.000 χ^2 /NDF: 6.7/12

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 : 423636.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

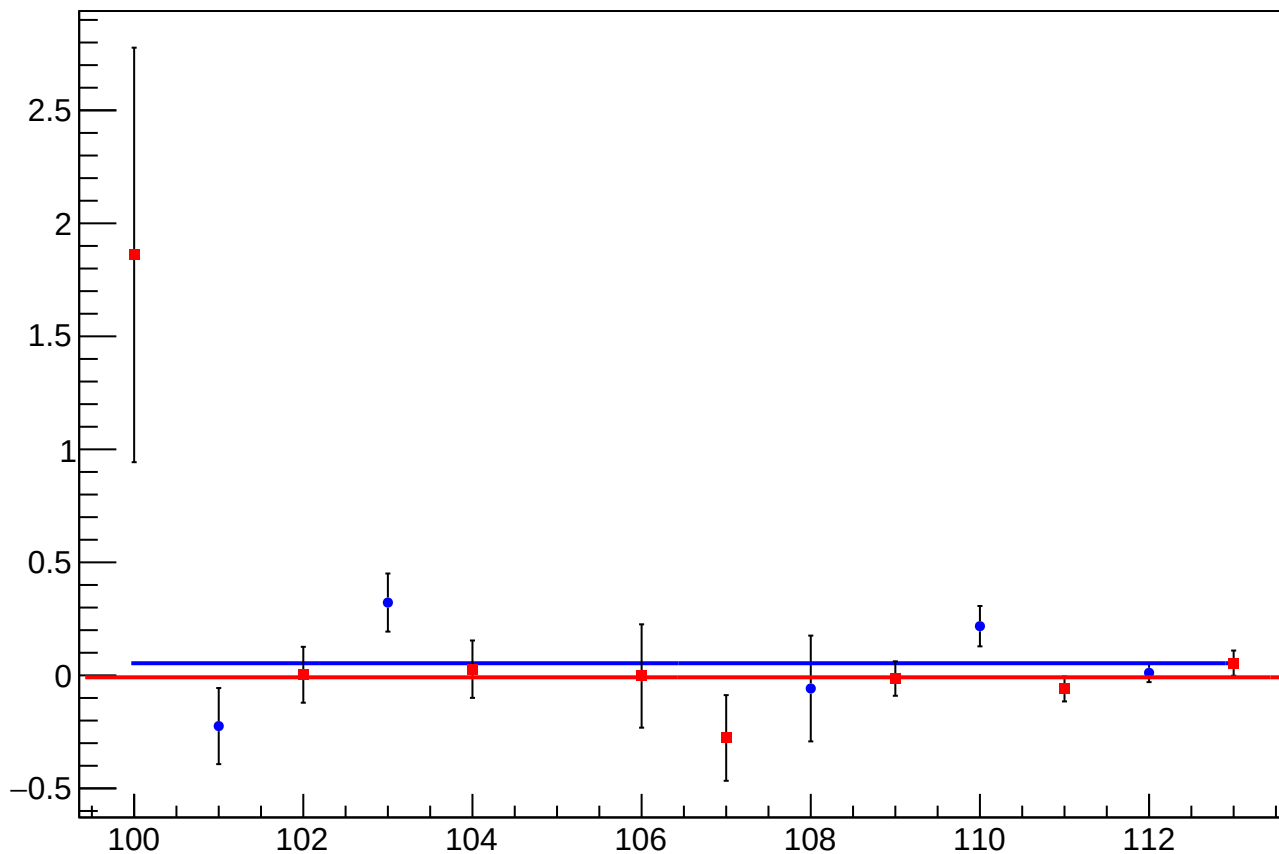
Right: 0.003+/-0.000 χ^2/NDF : 762665.6/12

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 : 762665.6/12

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: -0.009+/-0.032 χ^2/NDF : 8.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

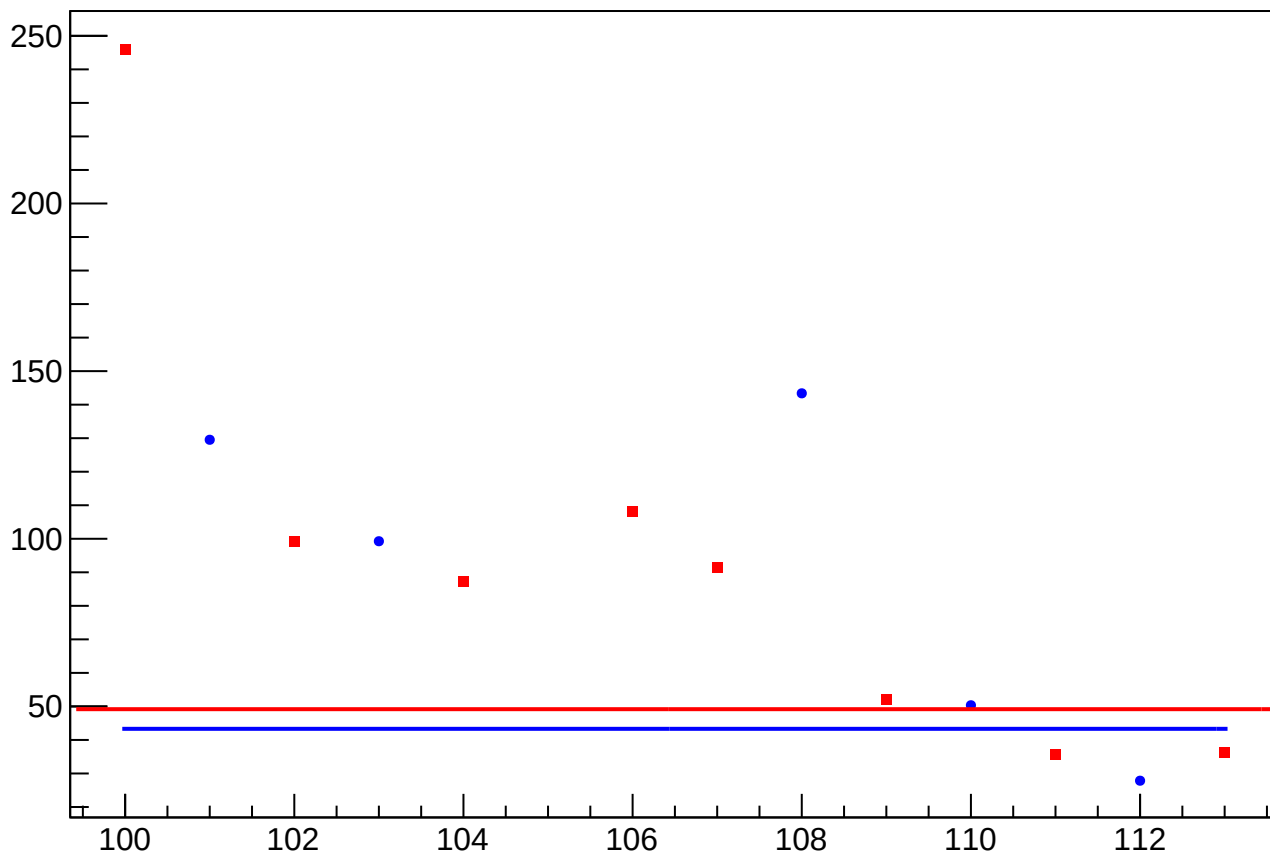
Right: 0.020+/-0.023 χ^2/NDF : 21.9/12

In: 0.054+/-0.035 χ^2/NDF : 11.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.023 χ^2/NDF : 21.9/12

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: 49.179+/-0.022 χ^2/NDF : 1065630.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

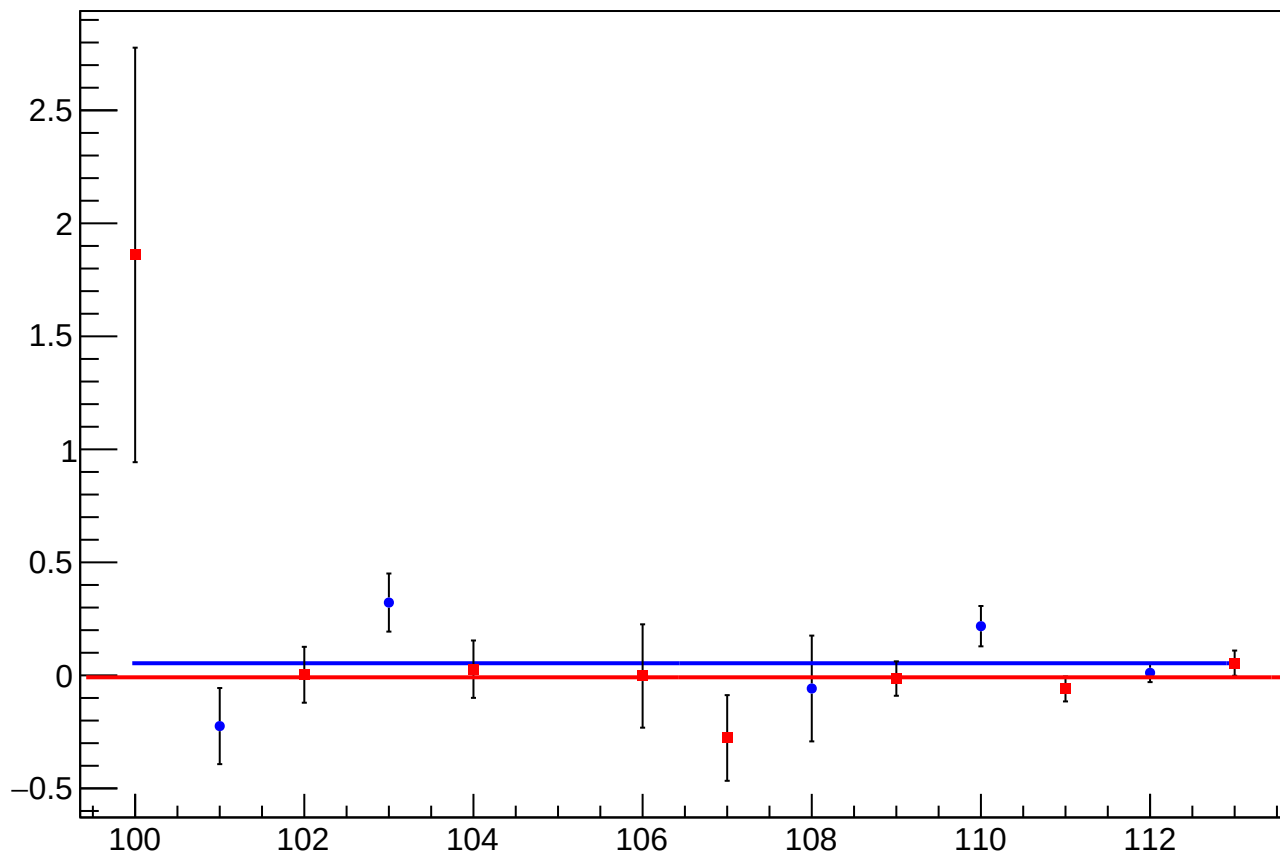
Right: 46.519+/-0.017 χ^2/NDF : 2660993.6/12

In: 43.319+/-0.025 χ^2/NDF : 1564224.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.519+/-0.017 χ^2/NDF : 2660993.6/12

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: -0.009+/-0.032 χ^2/NDF : 8.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

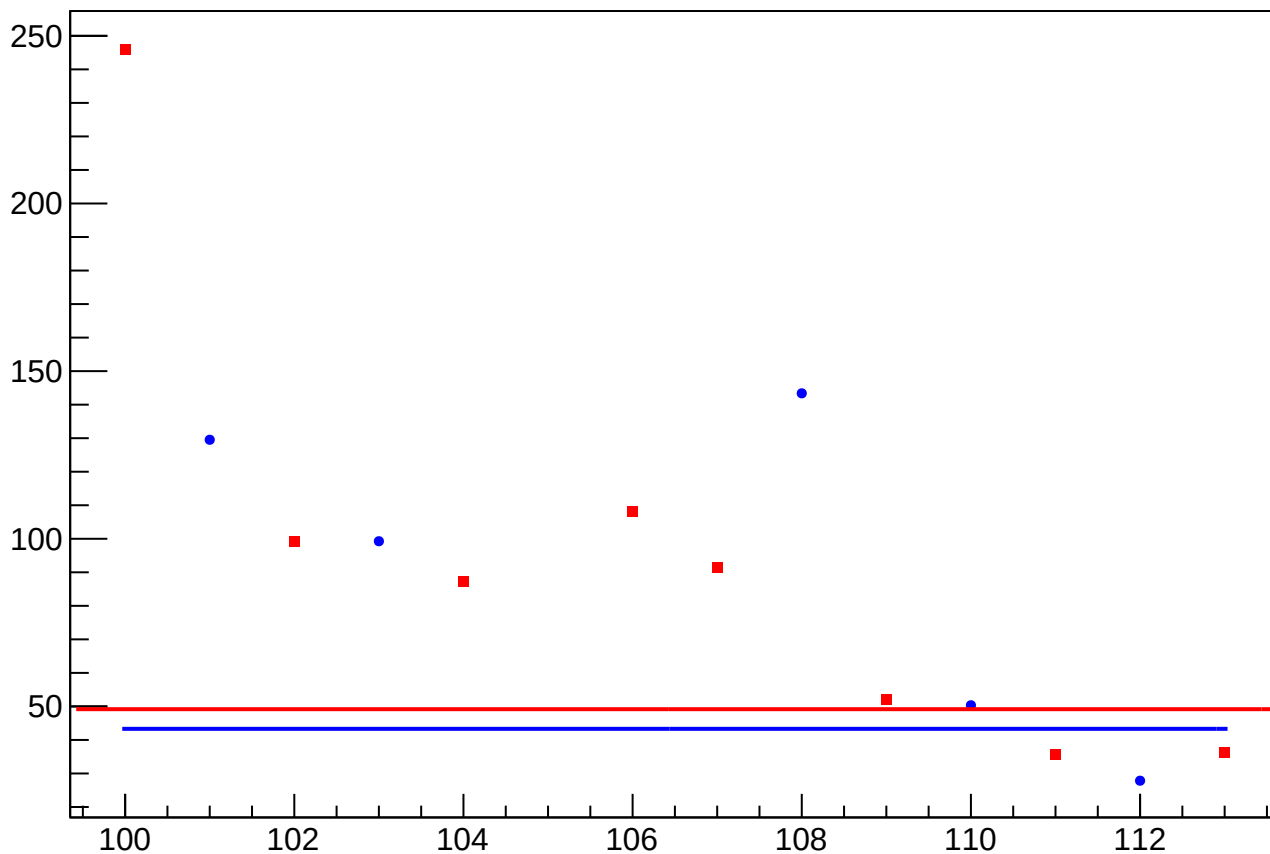
Right: 0.020+/-0.023 χ^2/NDF : 21.9/12

In: 0.054+/-0.035 χ^2/NDF : 11.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.023 χ^2/NDF : 21.9/12

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: 49.179+/-0.022 χ^2/NDF : 1065630.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

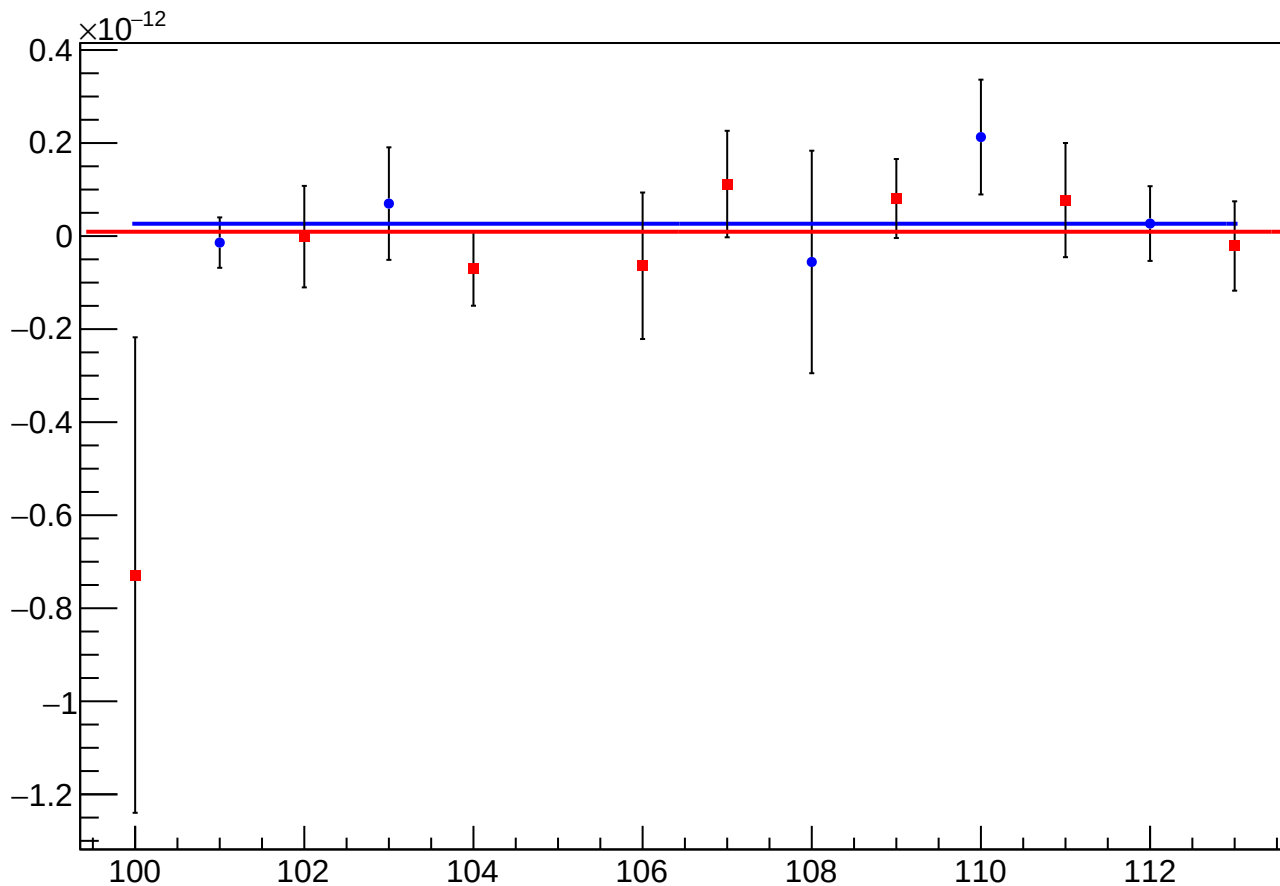
Right: 46.519+/-0.017 χ^2/NDF : 2660993.6/12

In: 43.319+/-0.025 χ^2/NDF : 1564224.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.519+/-0.017 χ^2/NDF : 2660993.6/12

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 : 5.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

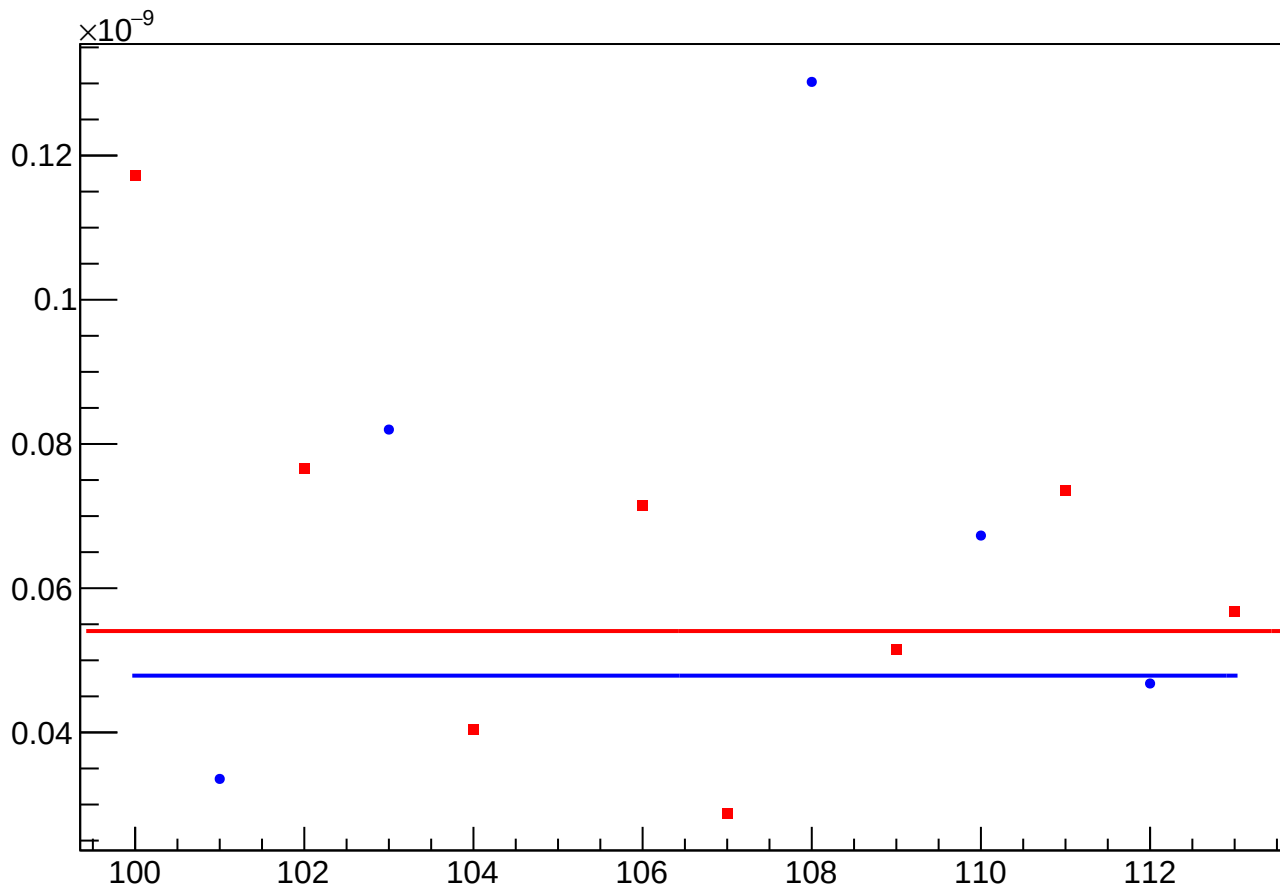
Right: 0.000+/-0.000 χ^2/NDF : 8.4/12

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 : 8.4/12

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 : 349583.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

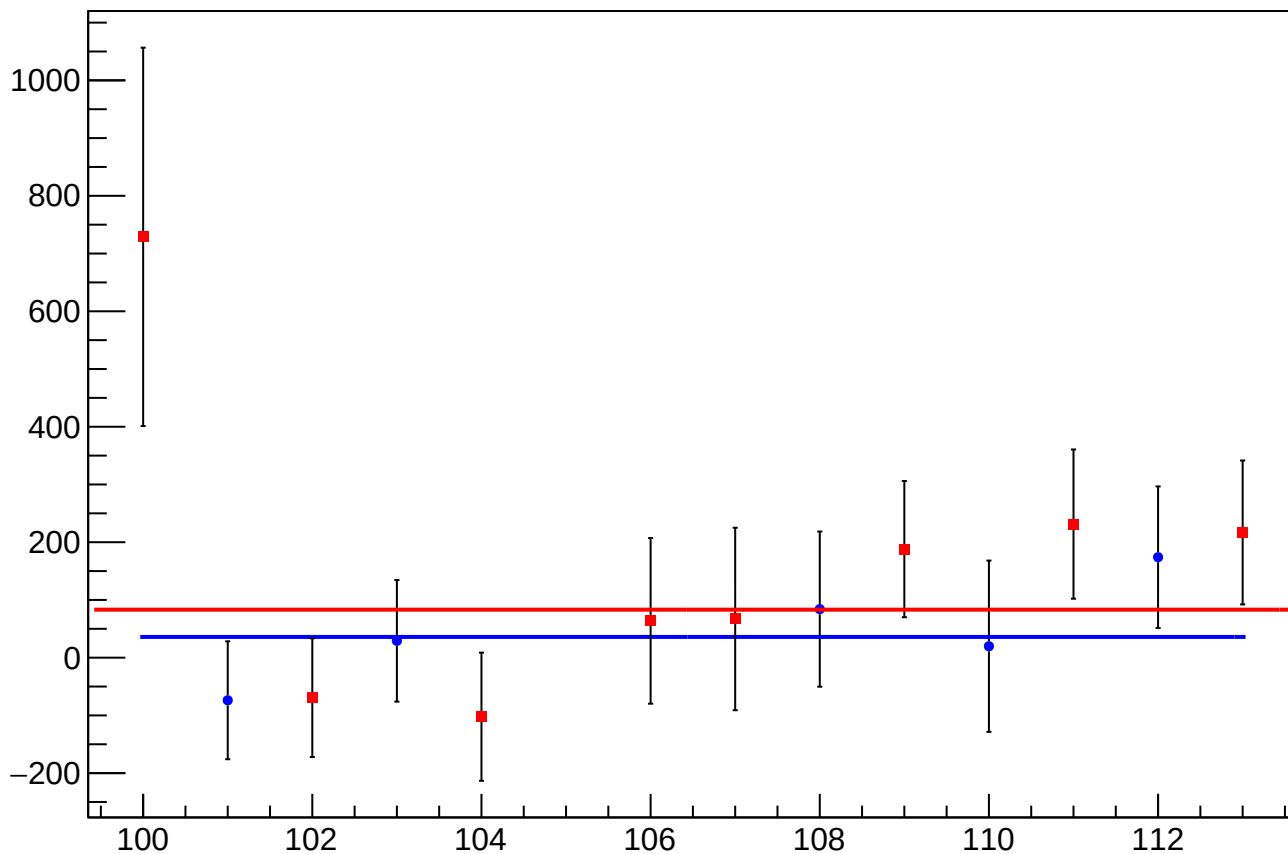
Right: 0.000+/-0.000 χ^2/NDF : 960773.2/12

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 : 960773.2/12

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: 83.143+/-46.144 χ^2/NDF : 12.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

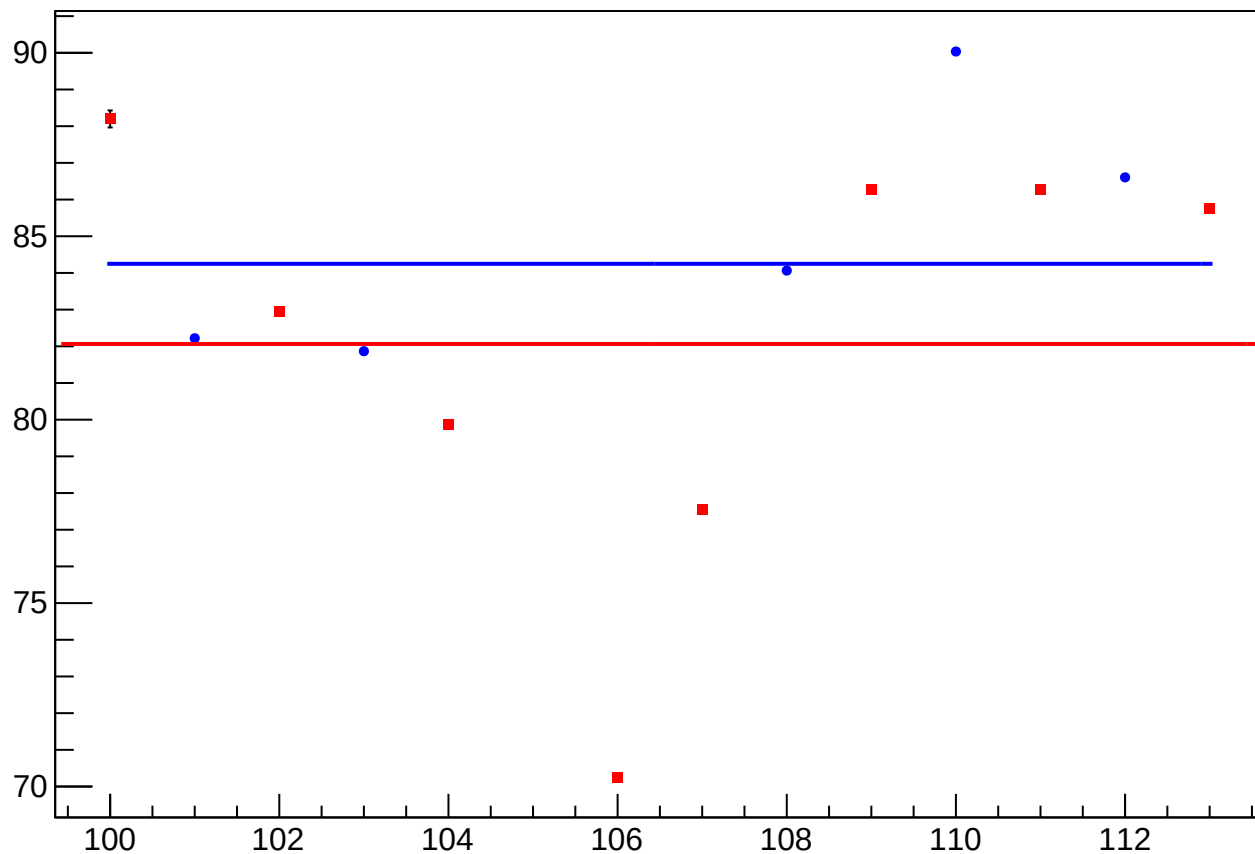
Right: 62.865+/-34.858 χ^2/NDF : 15.2/12

In: 35.914+/-53.197 χ^2/NDF : 2.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.865+/-34.858 χ^2/NDF : 15.2/12

reg_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: 82.063 $\pm$ 0.033 χ^2 /NDF: 23218.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

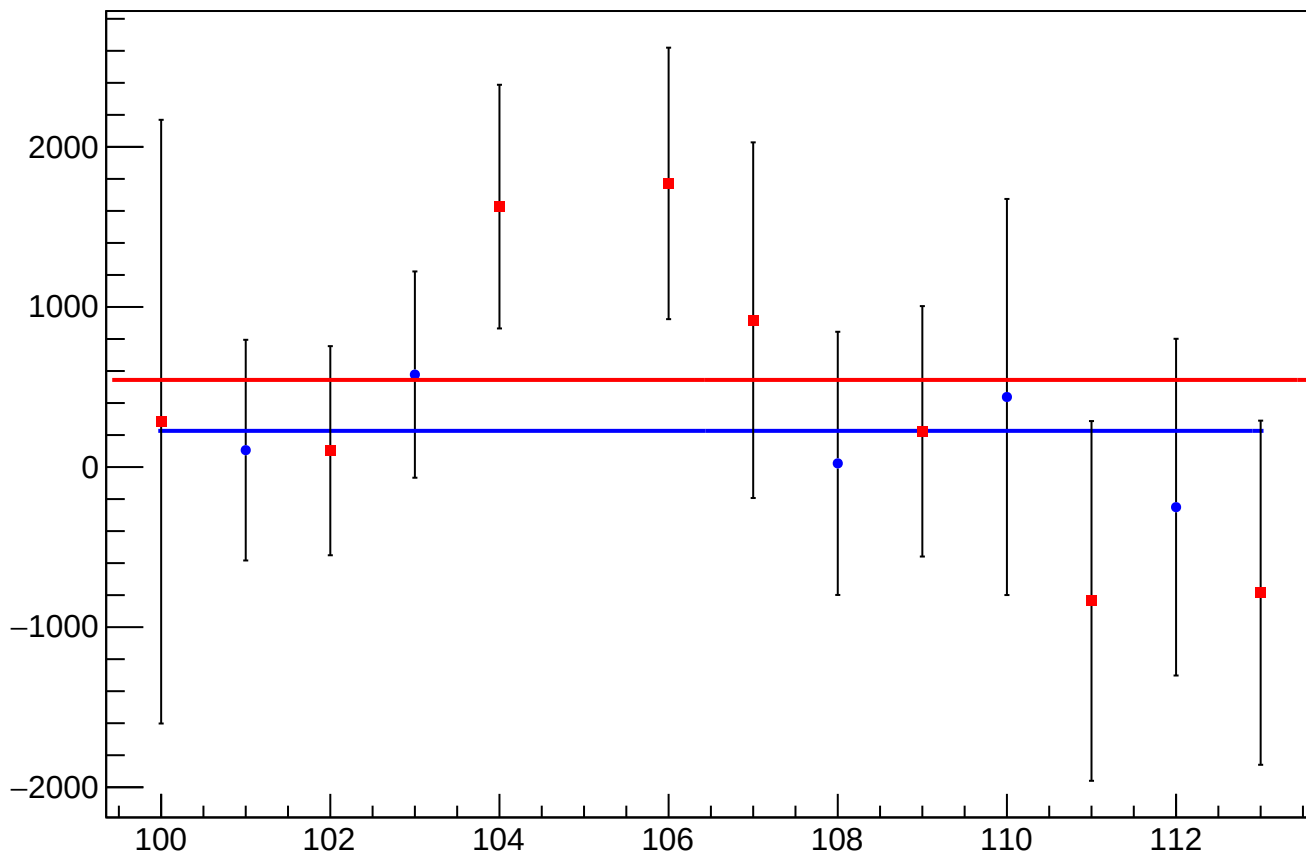
Right: 83.002 $\pm$ 0.025 χ^2 /NDF: 30743.2/12

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: 83.002 $\pm$ 0.025 χ^2 /NDF: 30743.2/12

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: 544.338+/-318.693 χ^2/NDF : 7.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

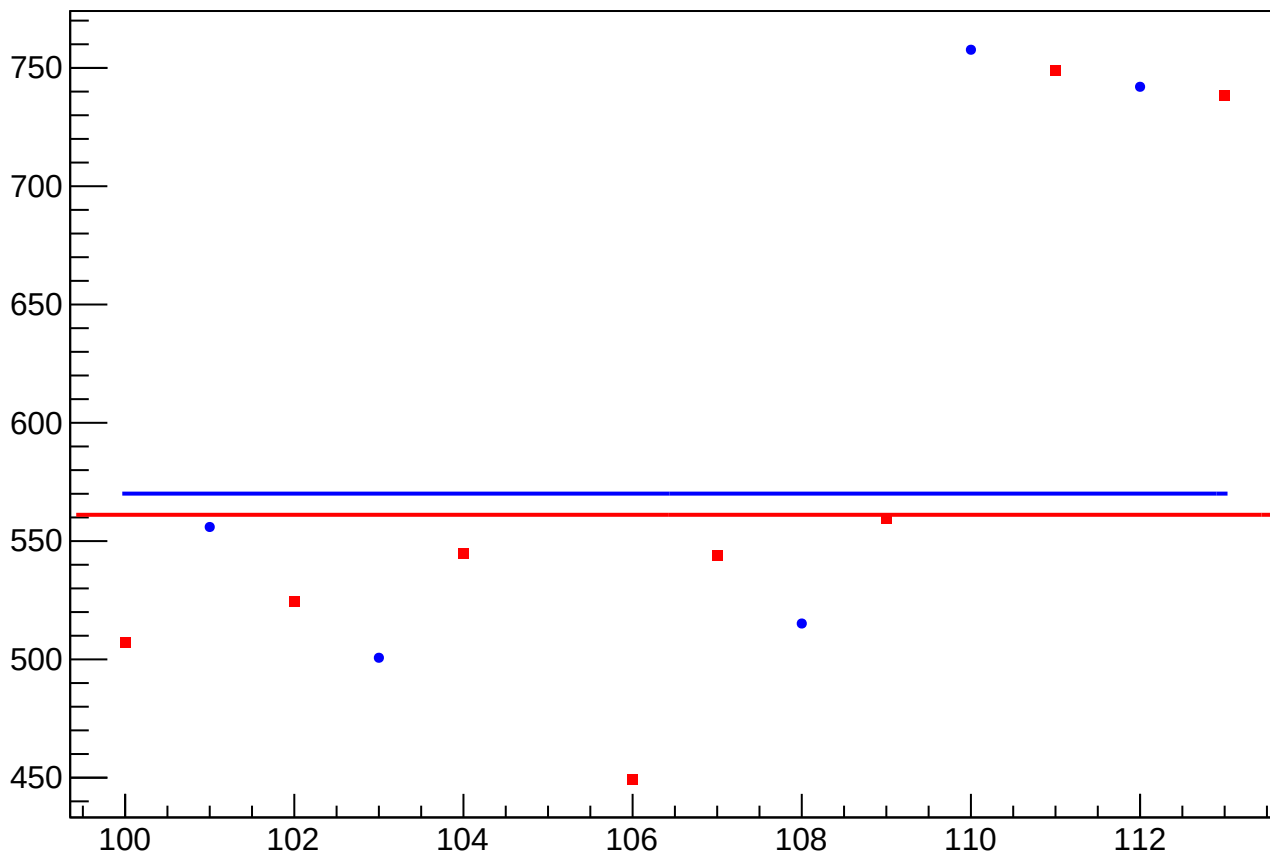
Right: 406.234+/-239.749 χ^2/NDF : 9.0/12

In: 226.170+/-363.900 χ^2/NDF : 0.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 406.234+/-239.749 χ^2/NDF : 9.0/12

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: 561.117+/-0.225 χ^2/NDF : 154358.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

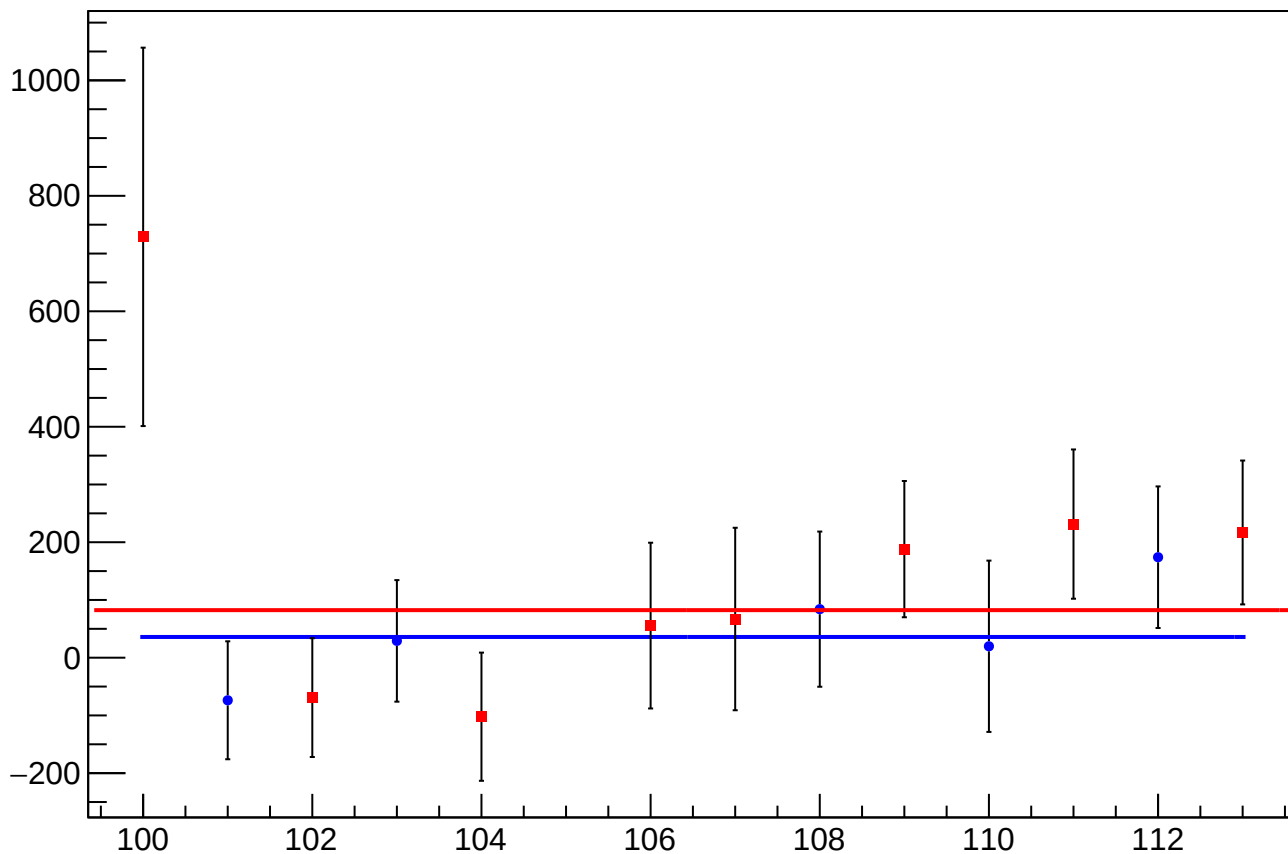
Right: 565.004+/-0.170 χ^2/NDF : 287468.4/12

In: 570.071+/-0.257 χ^2/NDF : 132424.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 565.004+/-0.170 χ^2/NDF : 287468.4/12

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: 82.350+/-46.149 χ^2/NDF : 12.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

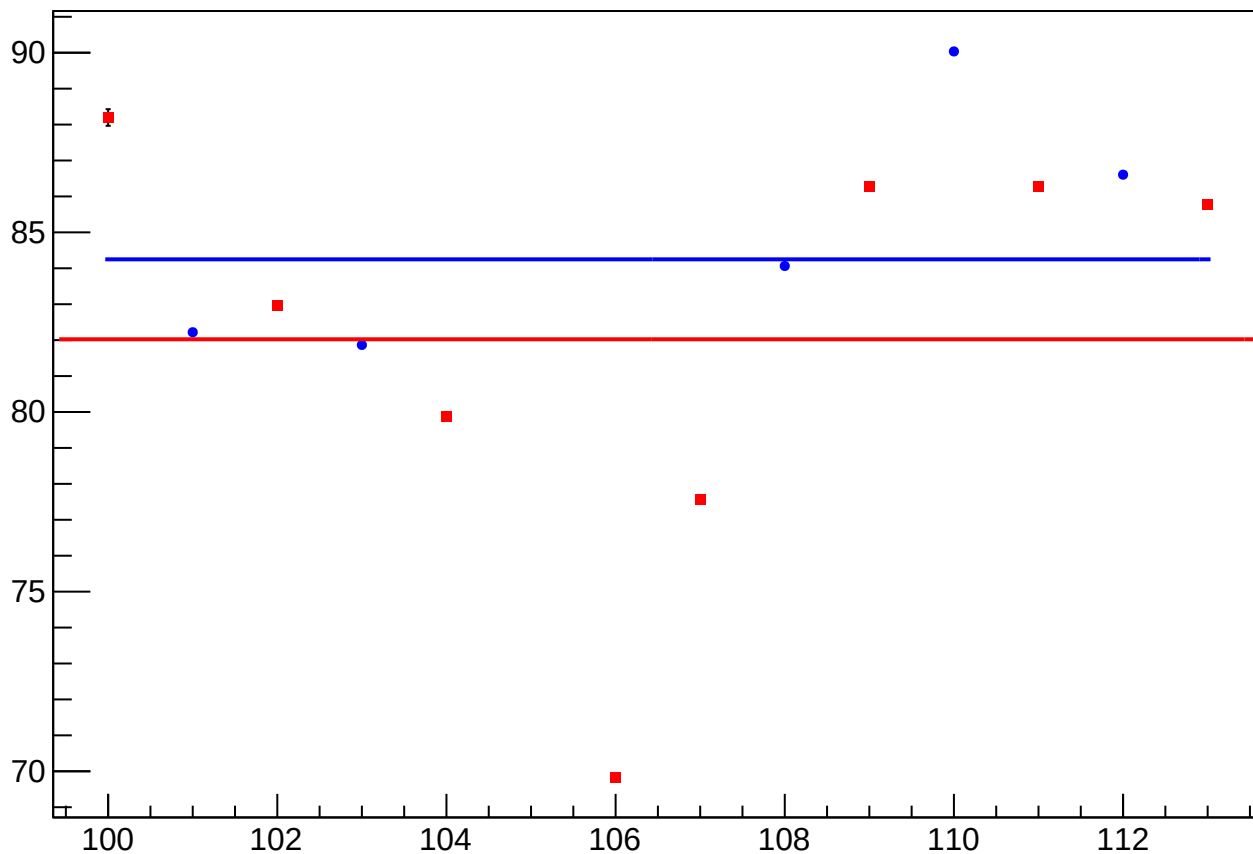
Right: 62.401+/-34.860 χ^2/NDF : 15.2/12

In: 35.894+/-53.197 χ^2/NDF : 2.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.401+/-34.860 χ^2/NDF : 15.2/12

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: 82.024 $\pm$ 0.033 χ^2 /NDF: 24185.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

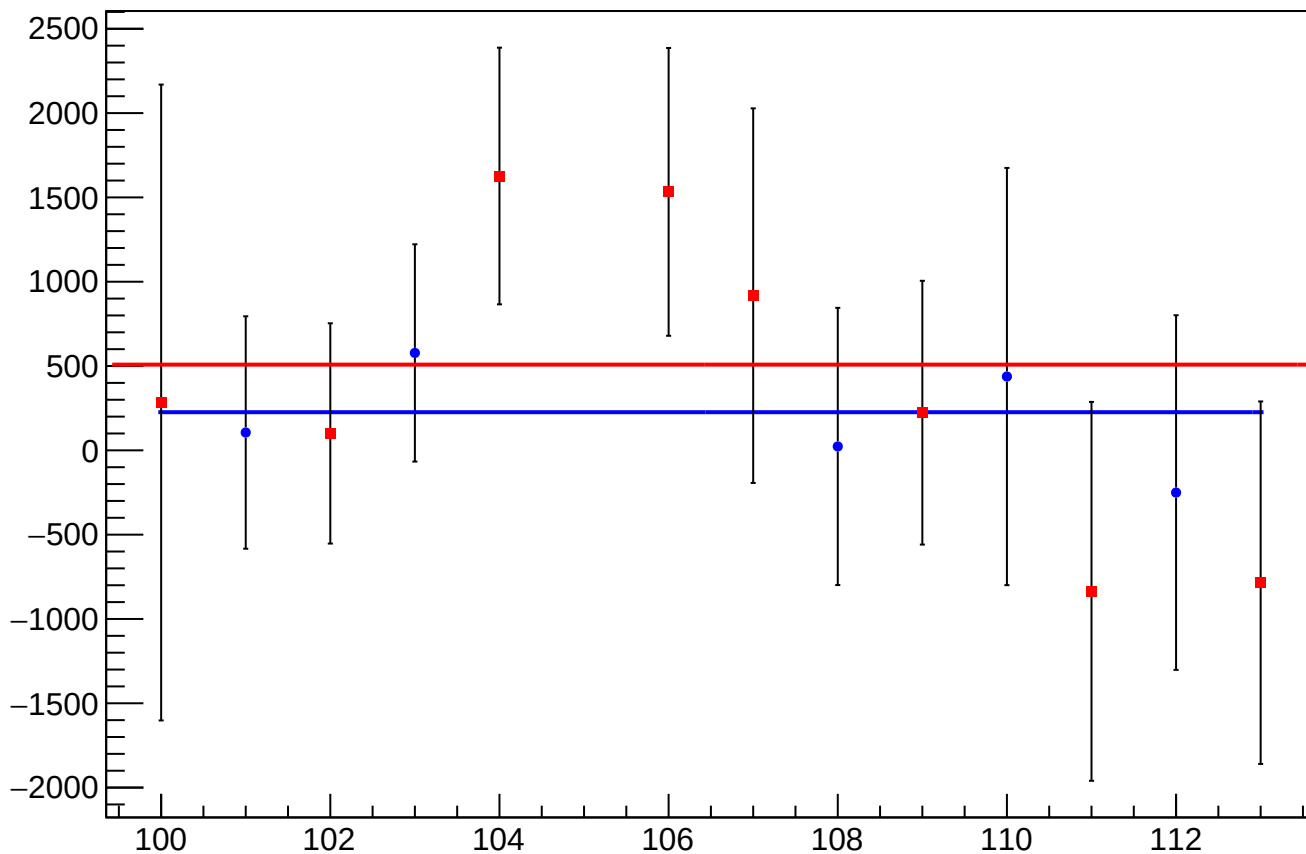
Right: 82.980 $\pm$ 0.025 χ^2 /NDF: 31779.4/12

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: 82.980 $\pm$ 0.025 χ^2 /NDF: 31779.4/12

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: 508.280+/-318.987 χ^2/NDF : 7.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

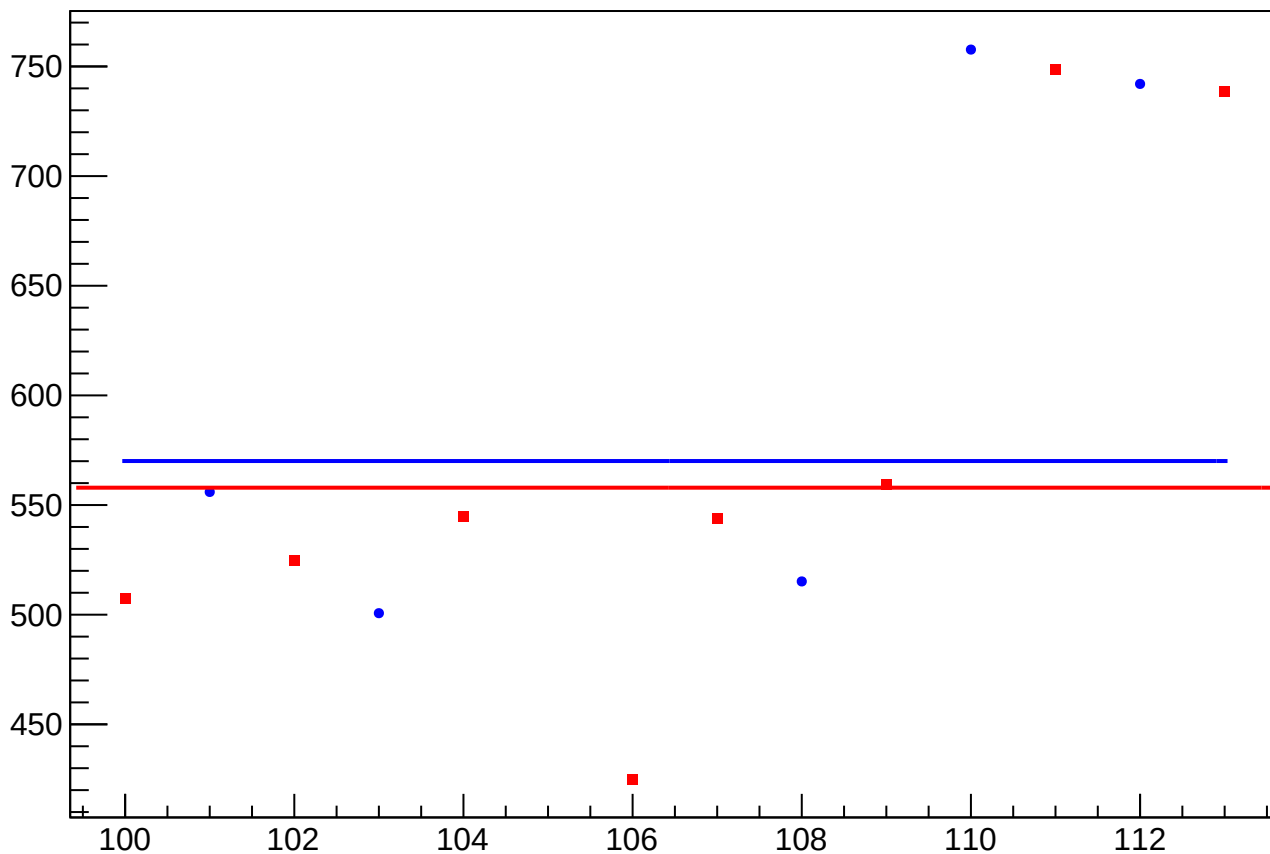
Right: 385.698+/-239.874 χ^2/NDF : 8.1/12

In: 226.167+/-363.900 χ^2/NDF : 0.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 385.698+/-239.874 χ^2/NDF : 8.1/12

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: 557.916+/-0.226 χ^2/NDF : 170341.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

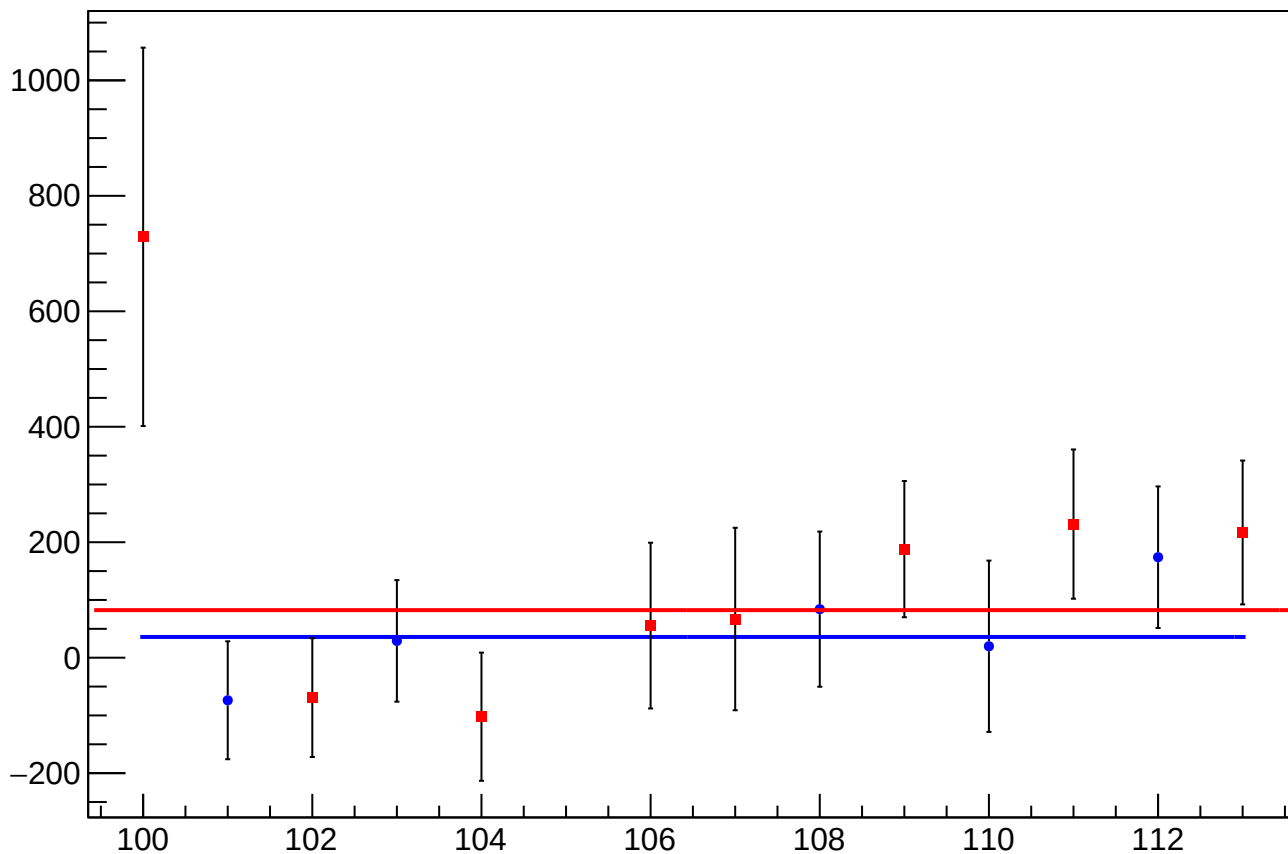
Right: 563.197+/-0.170 χ^2/NDF : 304029.9/12

In: 570.071+/-0.257 χ^2/NDF : 132426.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 563.197+/-0.170 χ^2/NDF : 304029.9/12

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: 82.350+/-46.149 χ^2/NDF : 12.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

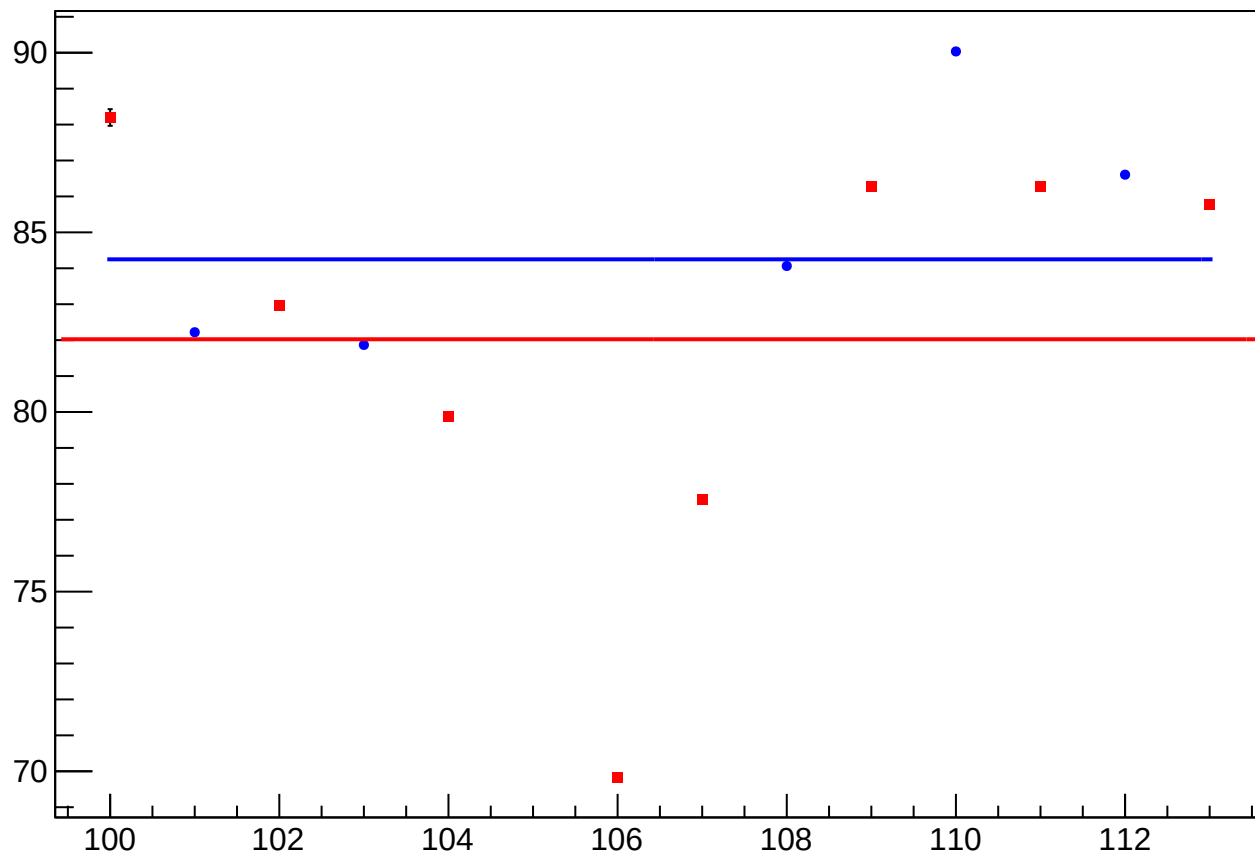
Right: 62.401+/-34.860 χ^2/NDF : 15.2/12

In: 35.894+/-53.197 χ^2/NDF : 2.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.401+/-34.860 χ^2/NDF : 15.2/12

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: 82.024 $\pm$ 0.033 χ^2 /NDF: 24185.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

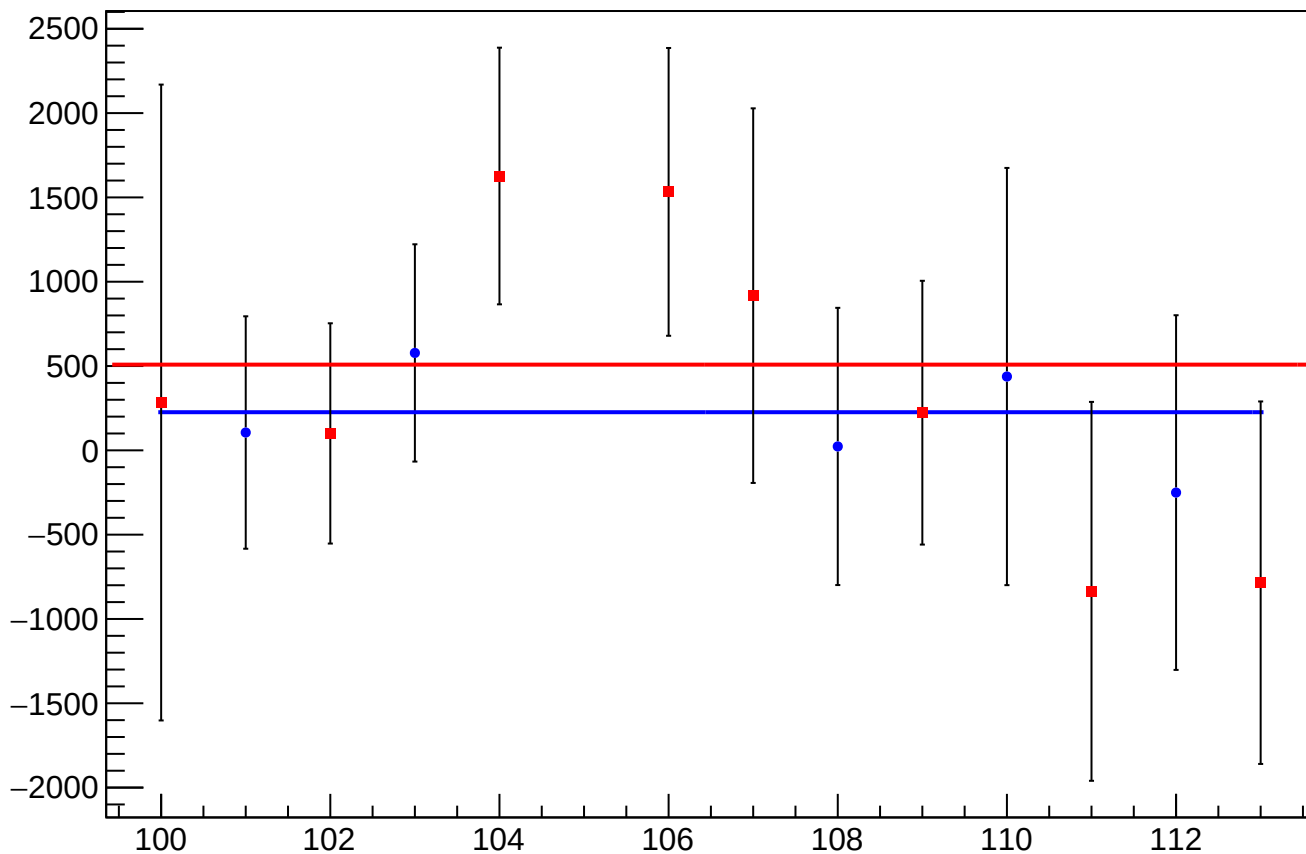
Right: 82.980 $\pm$ 0.025 χ^2 /NDF: 31779.4/12

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: 82.980 $\pm$ 0.025 χ^2 /NDF: 31779.4/12

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: 508.280+/-318.987 χ^2/NDF : 7.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

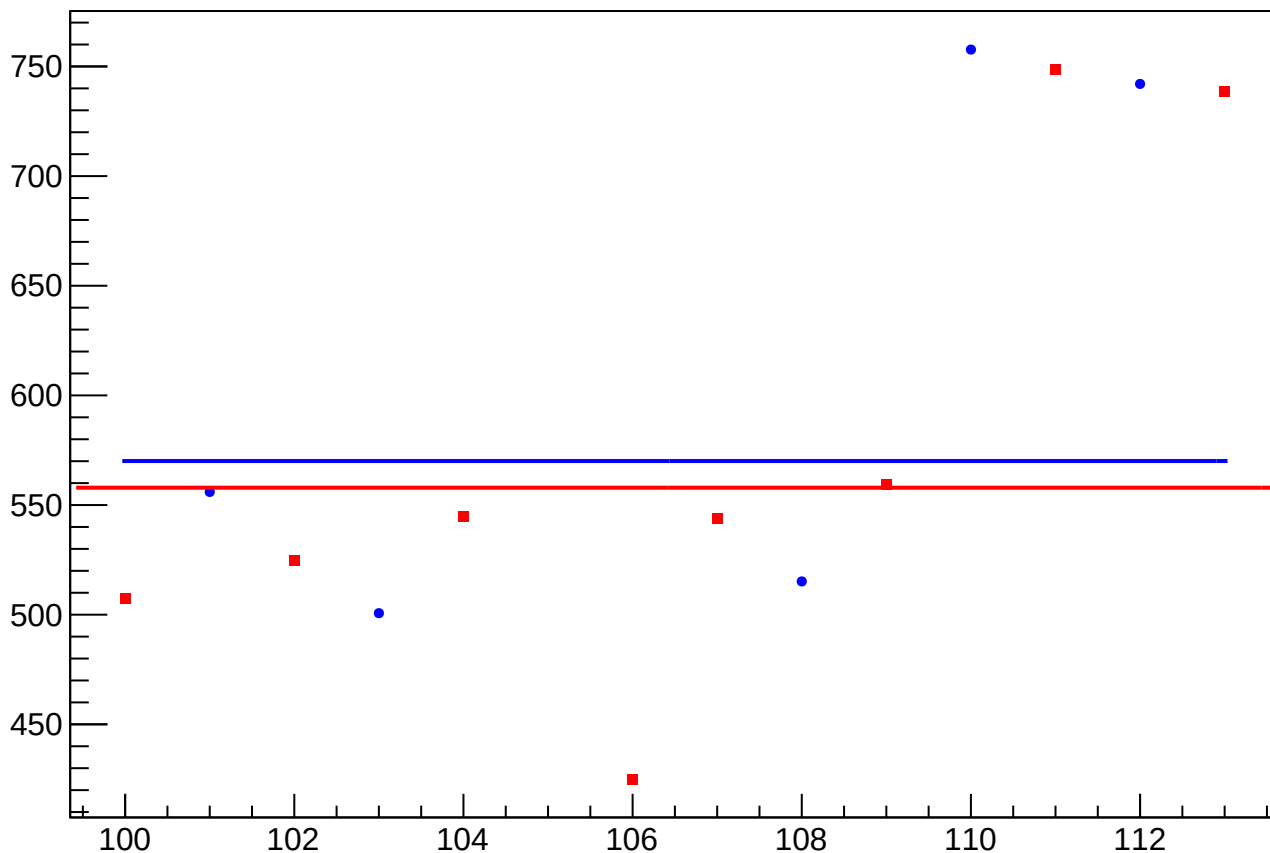
Right: 385.698+/-239.874 χ^2/NDF : 8.1/12

In: 226.167+/-363.900 χ^2/NDF : 0.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 385.698+/-239.874 χ^2/NDF : 8.1/12

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: 557.916+/-0.226 χ^2/NDF : 170341.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

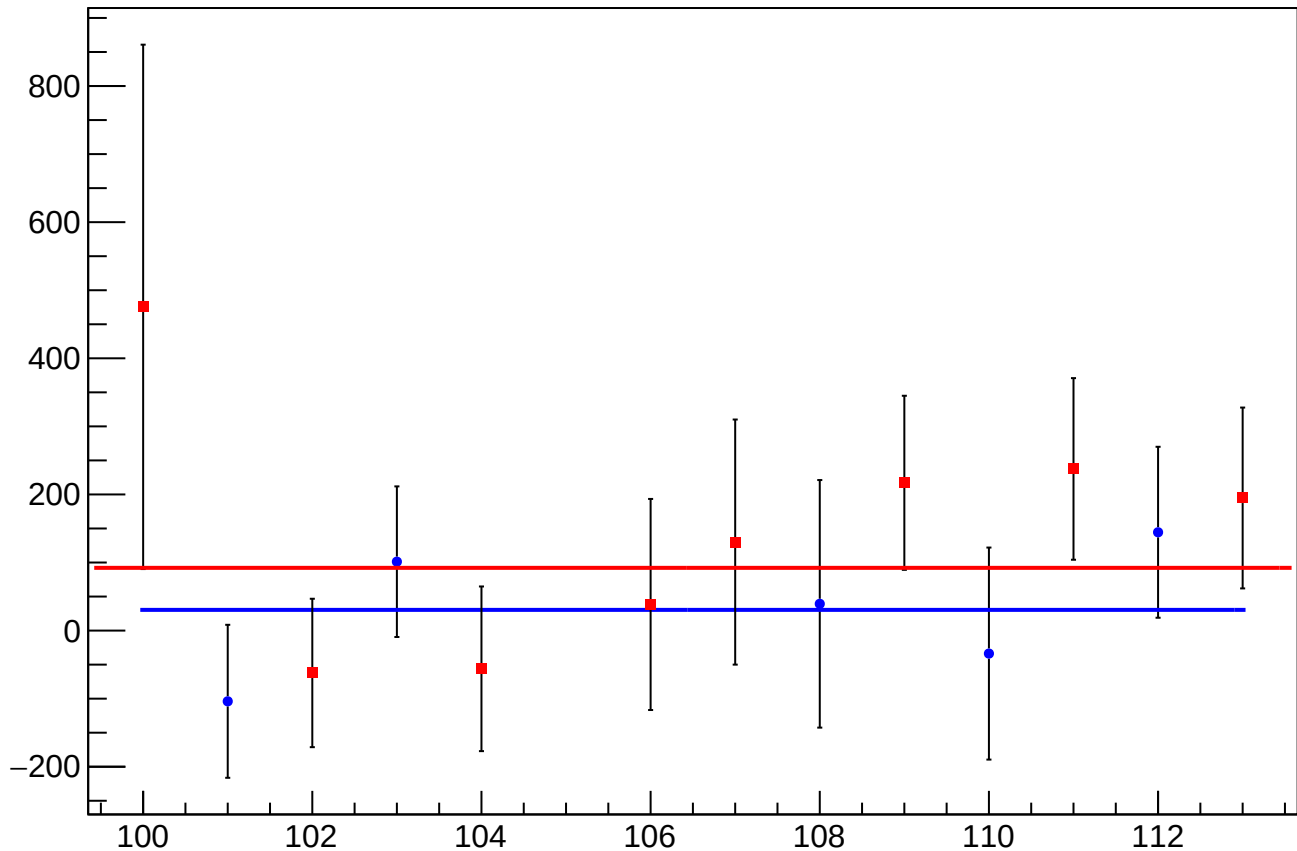
Right: 563.197+/-0.170 χ^2/NDF : 304029.9/12

In: 570.071+/-0.257 χ^2/NDF : 132426.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 563.197+/-0.170 χ^2/NDF : 304029.9/12

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: 92.180+/-49.647 χ^2/NDF : 7.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

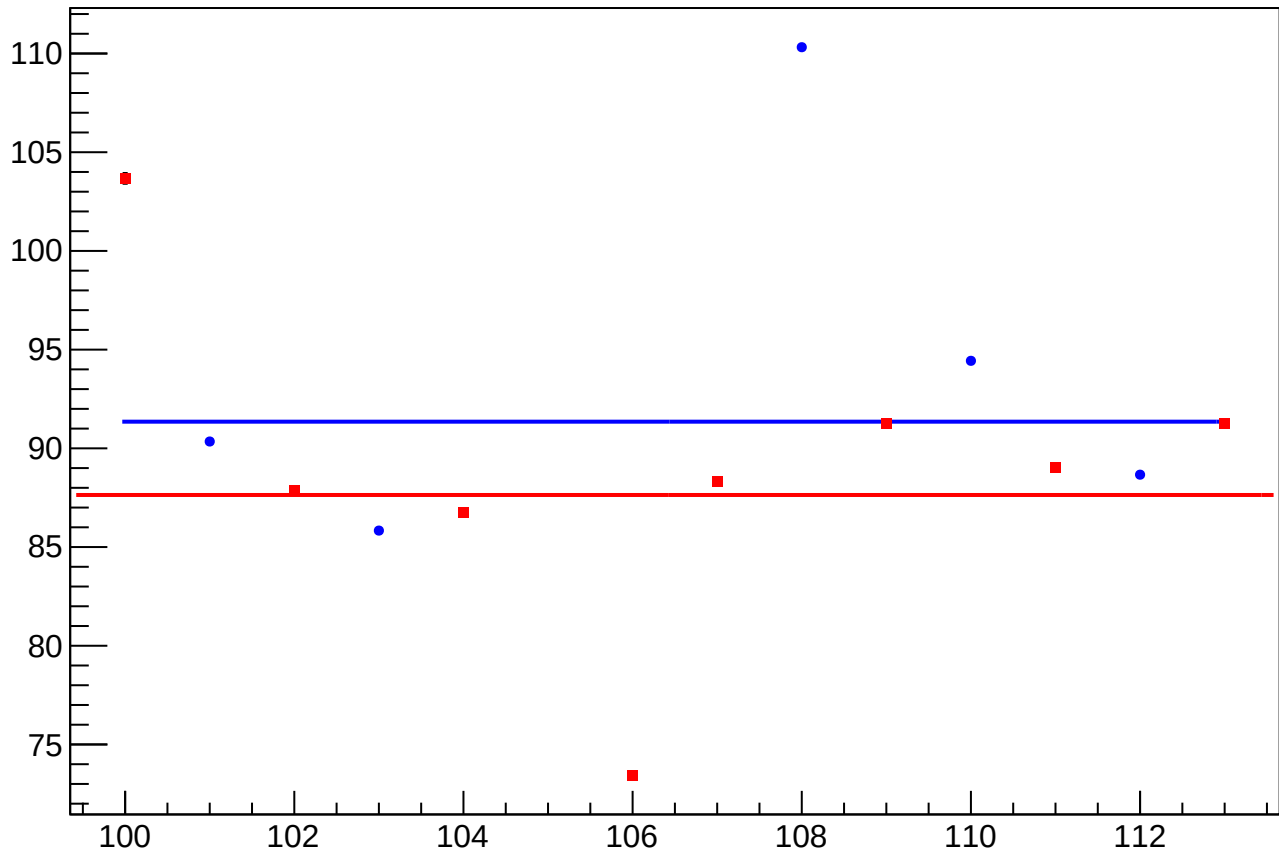
Right: 66.144+/-37.756 χ^2/NDF : 10.9/12

In: 30.429+/-58.146 χ^2/NDF : 2.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.144+/-37.756 χ^2/NDF : 10.9/12

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 91.351 $\pm$ 0.041 χ^2 /NDF: 28590.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 87.637 $\pm$ 0.035 χ^2 /NDF: 23706.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

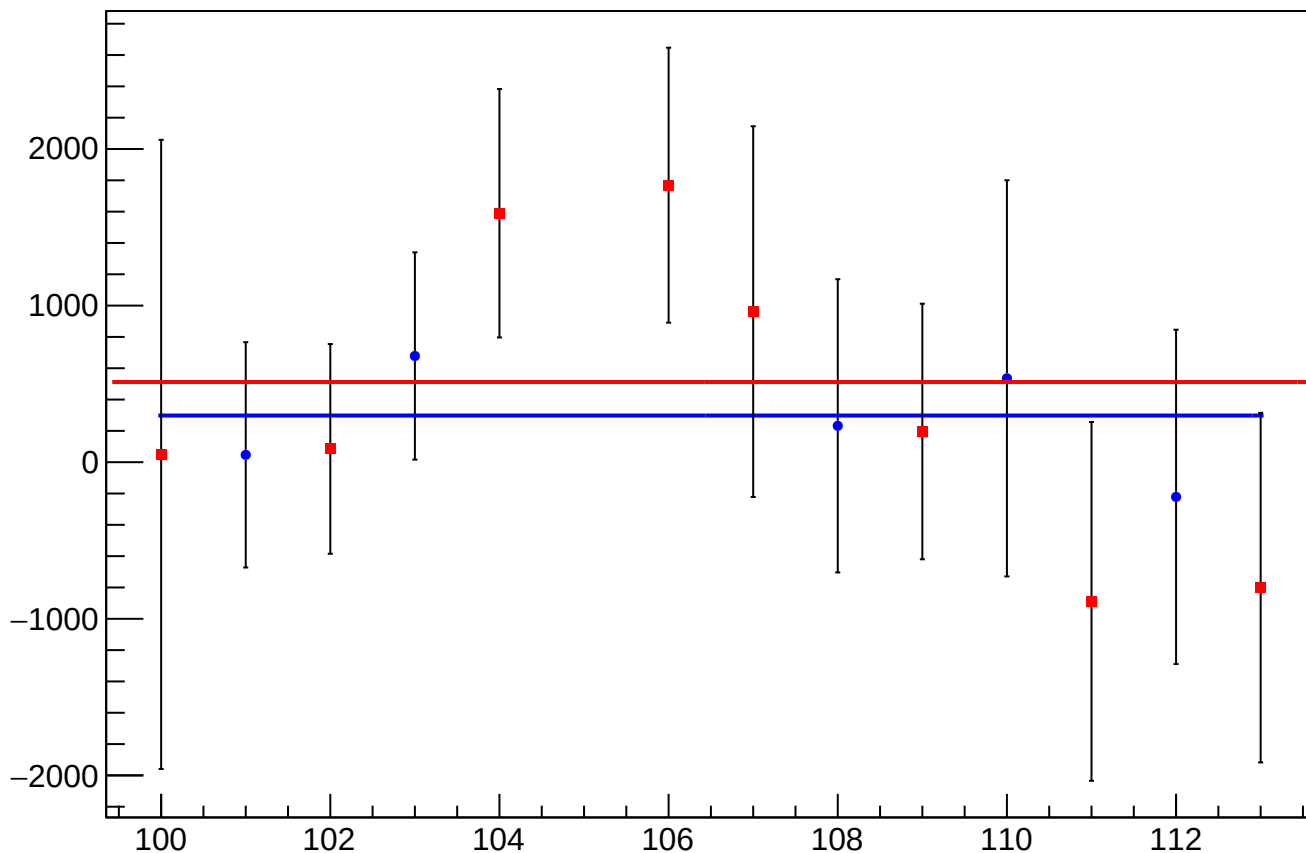
Right: 89.203 $\pm$ 0.027 χ^2 /NDF: 57015.0/12

In: 91.351 $\pm$ 0.041 χ^2 /NDF: 28590.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 89.203 $\pm$ 0.027 χ^2 /NDF: 57015.0/12

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: 512.169+/-330.694 χ^2/NDF : 7.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

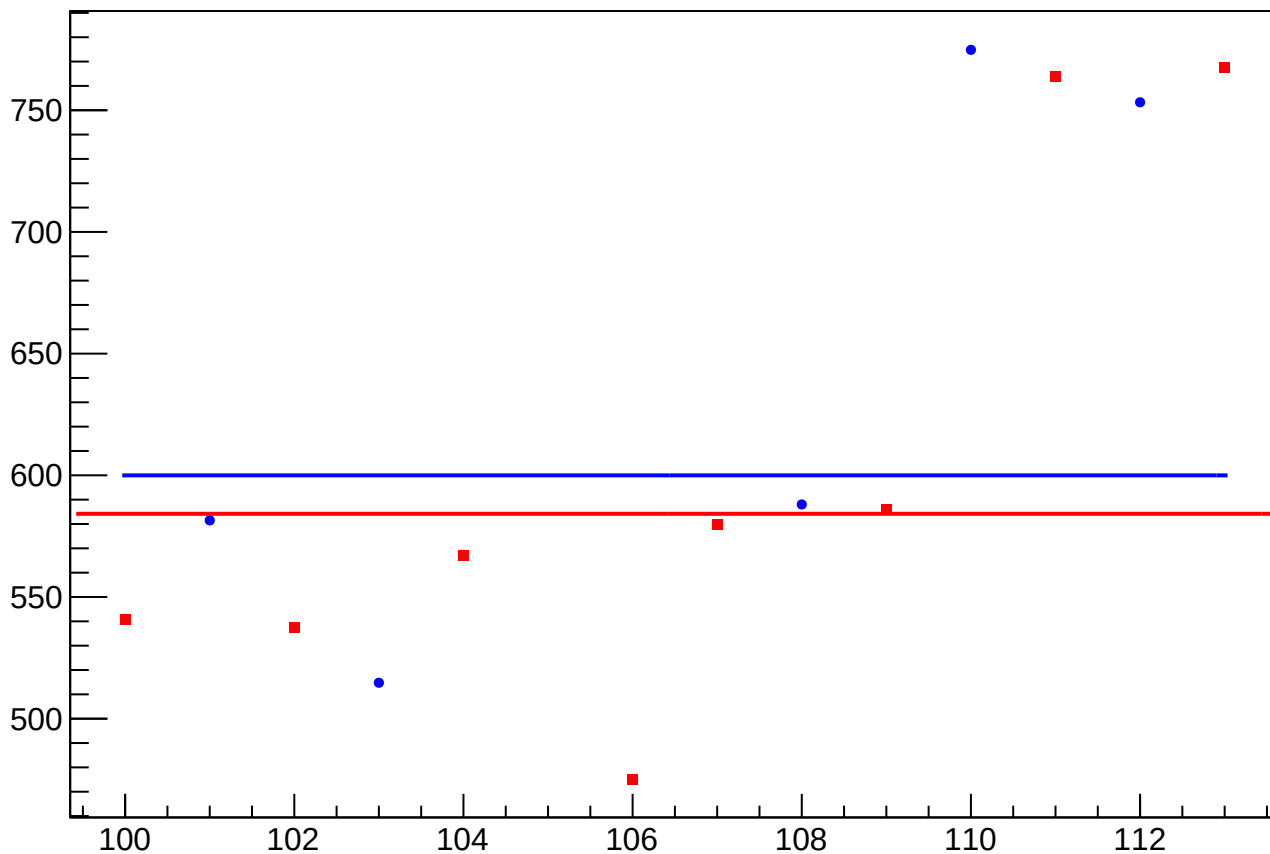
Right: 420.425+/-249.991 χ^2/NDF : 8.4/12

In: 298.076+/-381.888 χ^2/NDF : 0.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 420.425+/-249.991 χ^2/NDF : 8.4/12

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: 584.185+/-0.234 χ^2/NDF : 145836.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

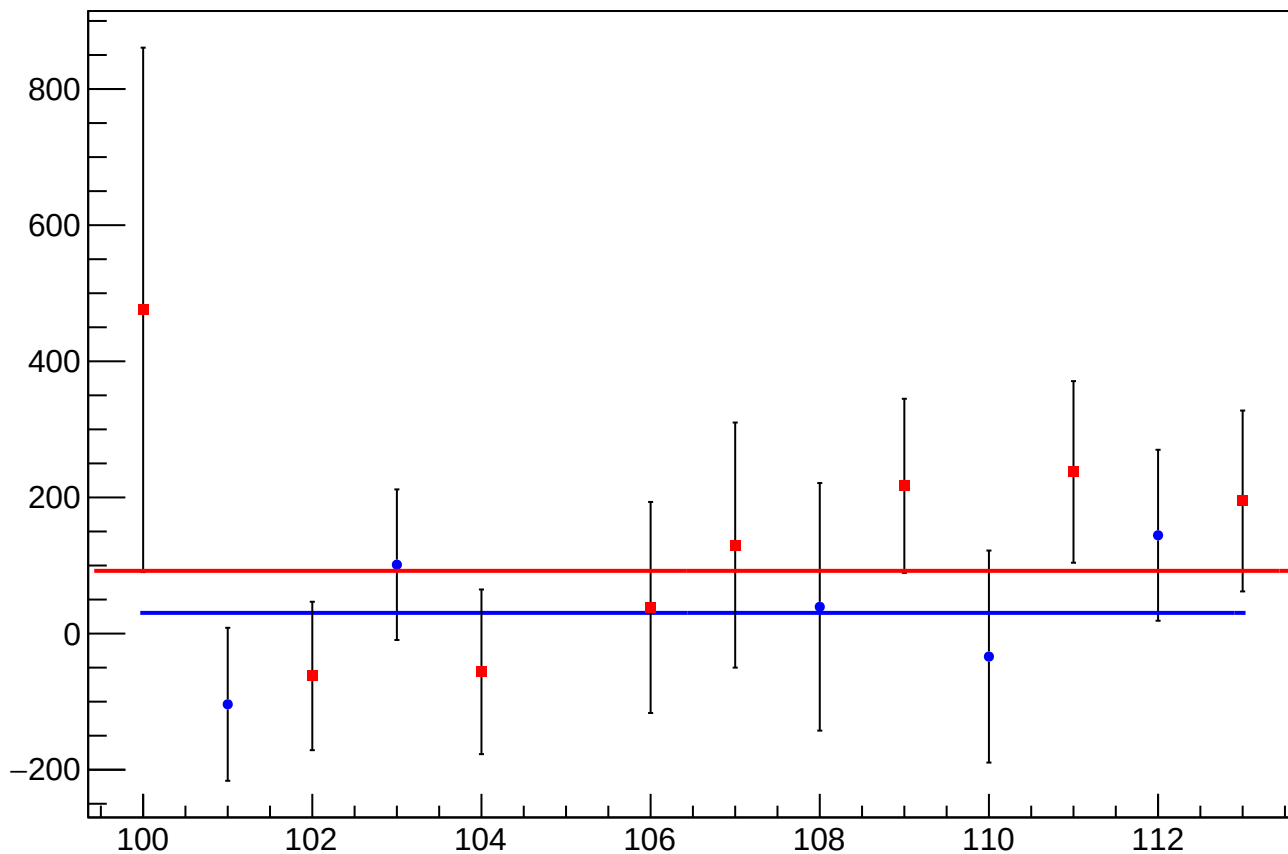
Right: 590.950+/-0.177 χ^2/NDF : 262021.5/12

In: 599.973+/-0.270 χ^2/NDF : 114231.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 590.950+/-0.177 χ^2/NDF : 262021.5/12

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: 92.181+/-49.646 χ^2/NDF : 7.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

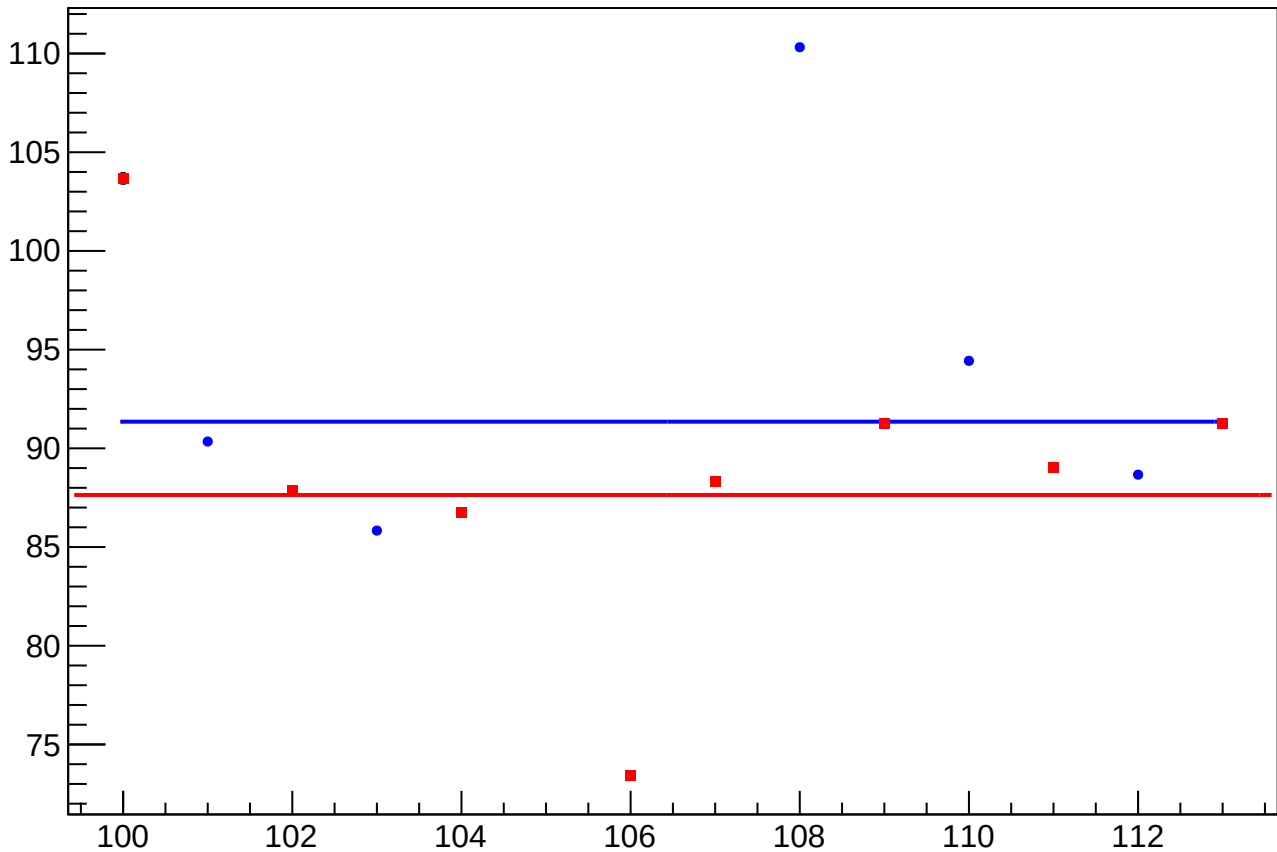
Right: 66.144+/-37.756 χ^2/NDF : 10.9/12

In: 30.427+/-58.146 χ^2/NDF : 2.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.144+/-37.756 χ^2/NDF : 10.9/12

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: 87.637+/-0.035 χ^2/NDF : 23706.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

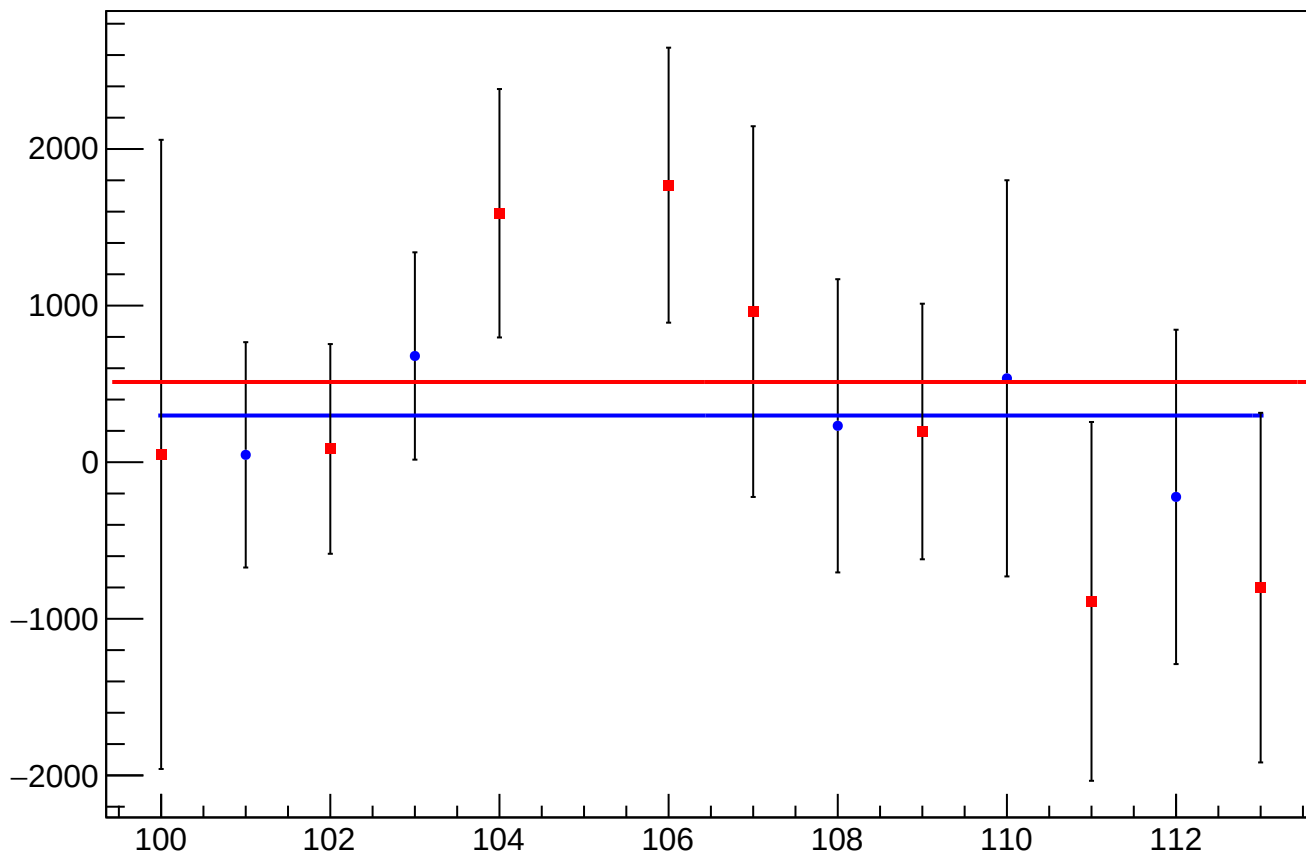
Right: 89.203+/-0.027 χ^2/NDF : 57014.5/12

In: 91.351+/-0.041 χ^2/NDF : 28590.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.203+/-0.027 χ^2/NDF : 57014.5/12

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: 512.169+/-330.693 χ^2/NDF : 7.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

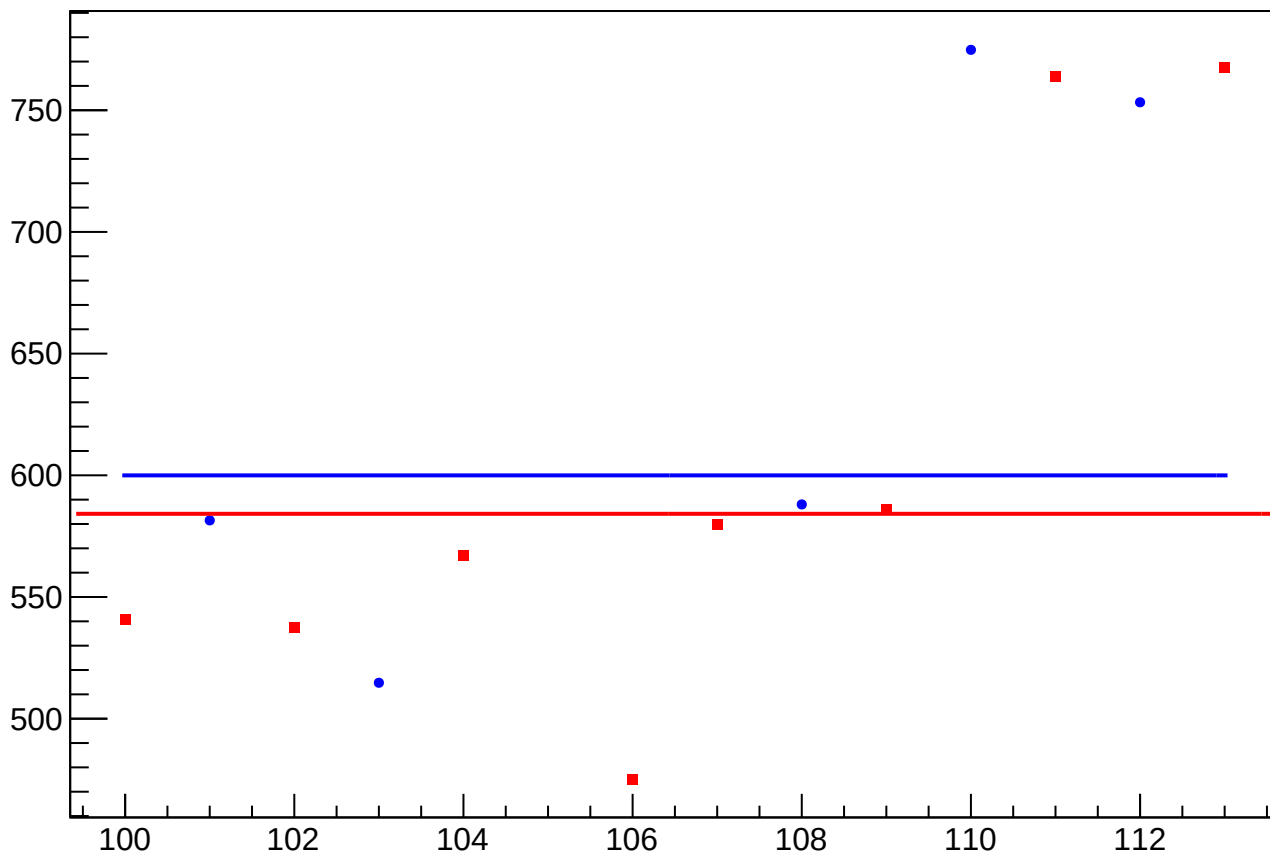
Right: 420.424+/-249.991 χ^2/NDF : 8.4/12

In: 298.074+/-381.888 χ^2/NDF : 0.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 420.424+/-249.991 χ^2/NDF : 8.4/12

asym_sam5_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 599.972 $\pm$ 0.270 χ^2 /NDF: 114231.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 584.184 $\pm$ 0.234 χ^2 /NDF: 145836.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

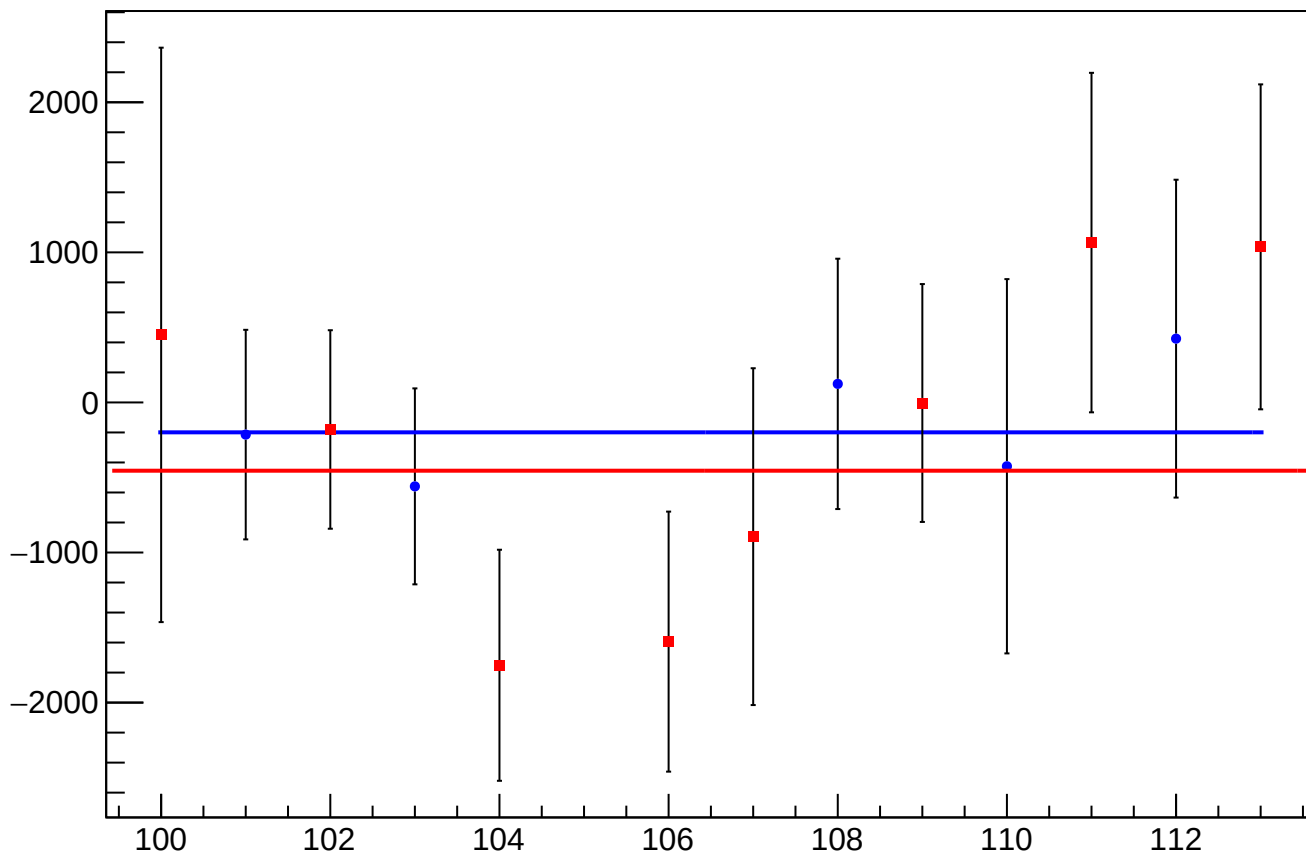
Right: 590.950 $\pm$ 0.177 χ^2 /NDF: 262020.9/12

In: 599.972 $\pm$ 0.270 χ^2 /NDF:114231.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 590.950 $\pm$ 0.177 χ^2 /NDF: 262020.9/12

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: -454.896+/-322.744 χ^2/NDF : 9.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

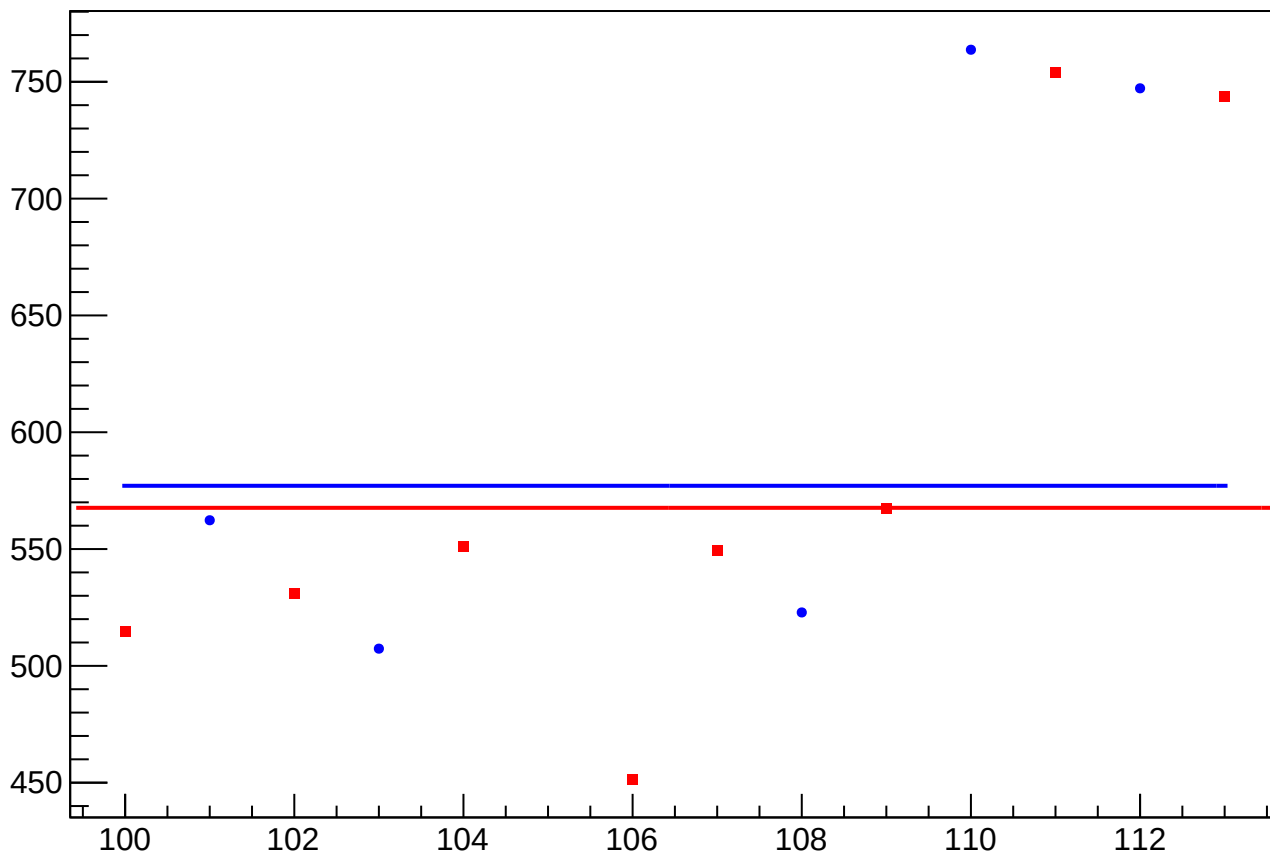
Right: -343.872+/-242.749 χ^2/NDF : 10.2/12

In: -199.245+/-368.360 χ^2/NDF : 0.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -343.872+/-242.749 χ^2/NDF : 10.2/12

asym_sam5_rms vs Slug, Sign Corrected



Right In: 577.082 $\pm$ 0.260 χ^2 /NDF: 128579.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 567.649 $\pm$ 0.228 χ^2 /NDF: 152250.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

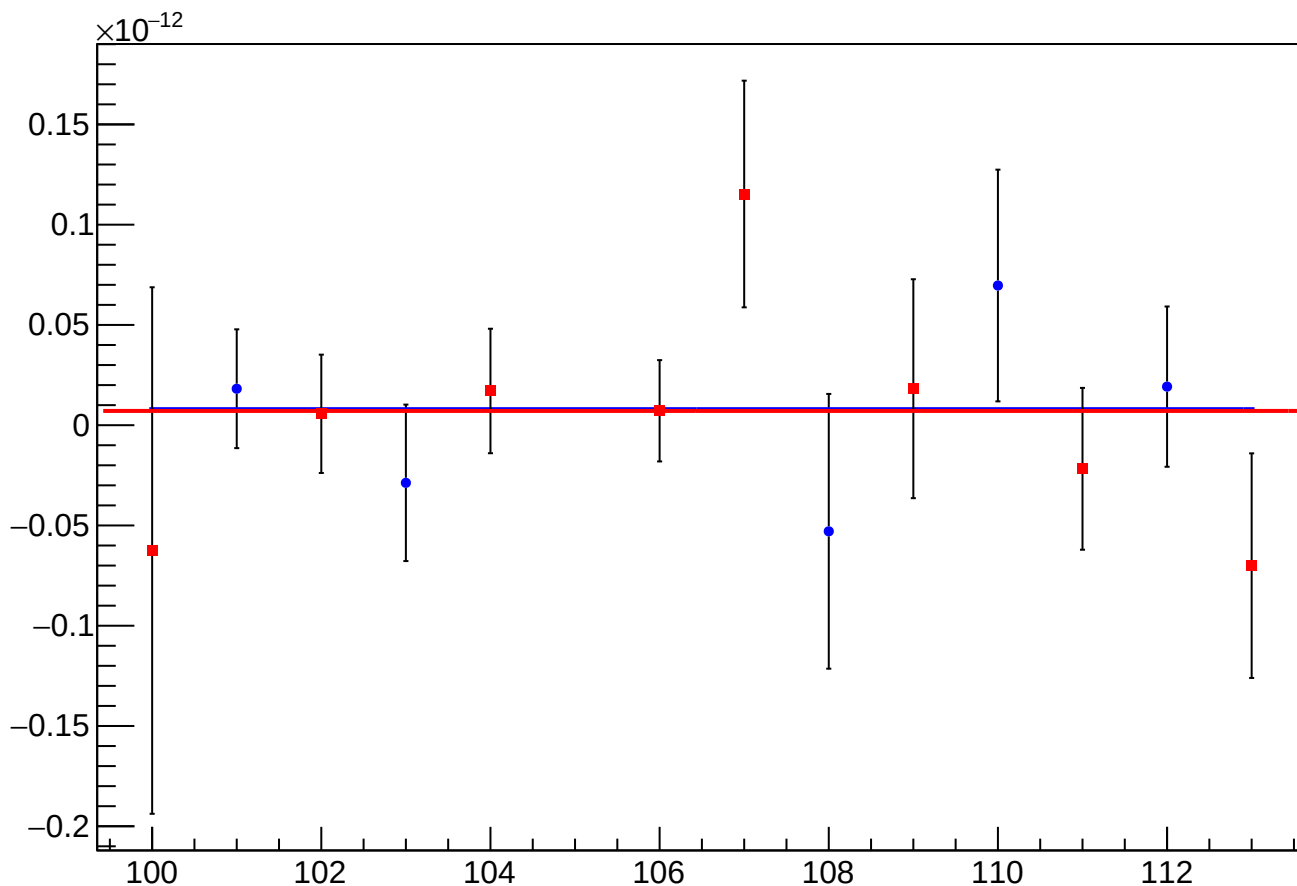
Right: 571.746 $\pm$ 0.172 χ^2 /NDF: 281572.4/12

In: 577.082 $\pm$ 0.260 χ^2 /NDF: 128579.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 571.746 $\pm$ 0.172 χ^2 /NDF: 281572.4/12

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 : 6.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

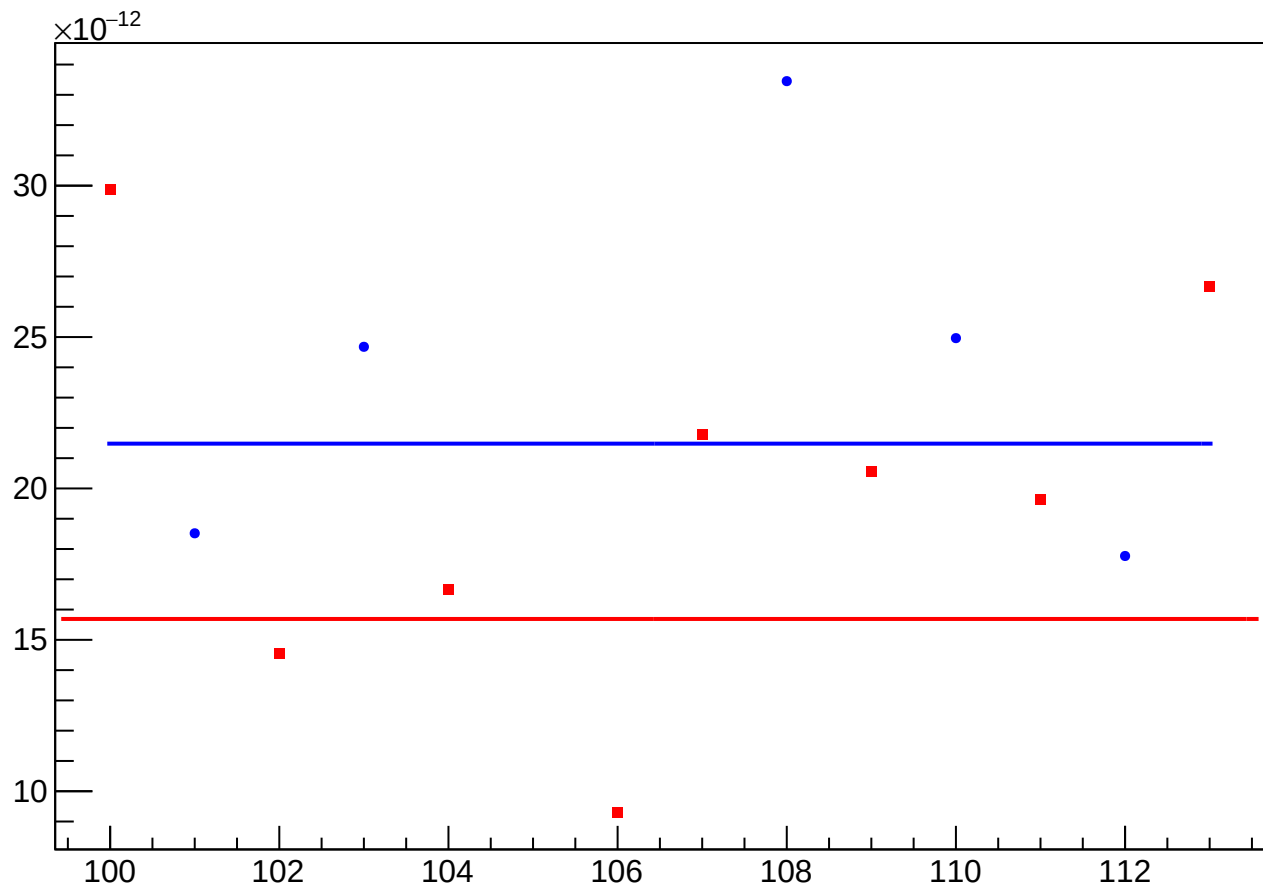
Right: 0.000+/-0.000 χ^2/NDF : 9.5/12

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 : 9.5/12

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 : 291449.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

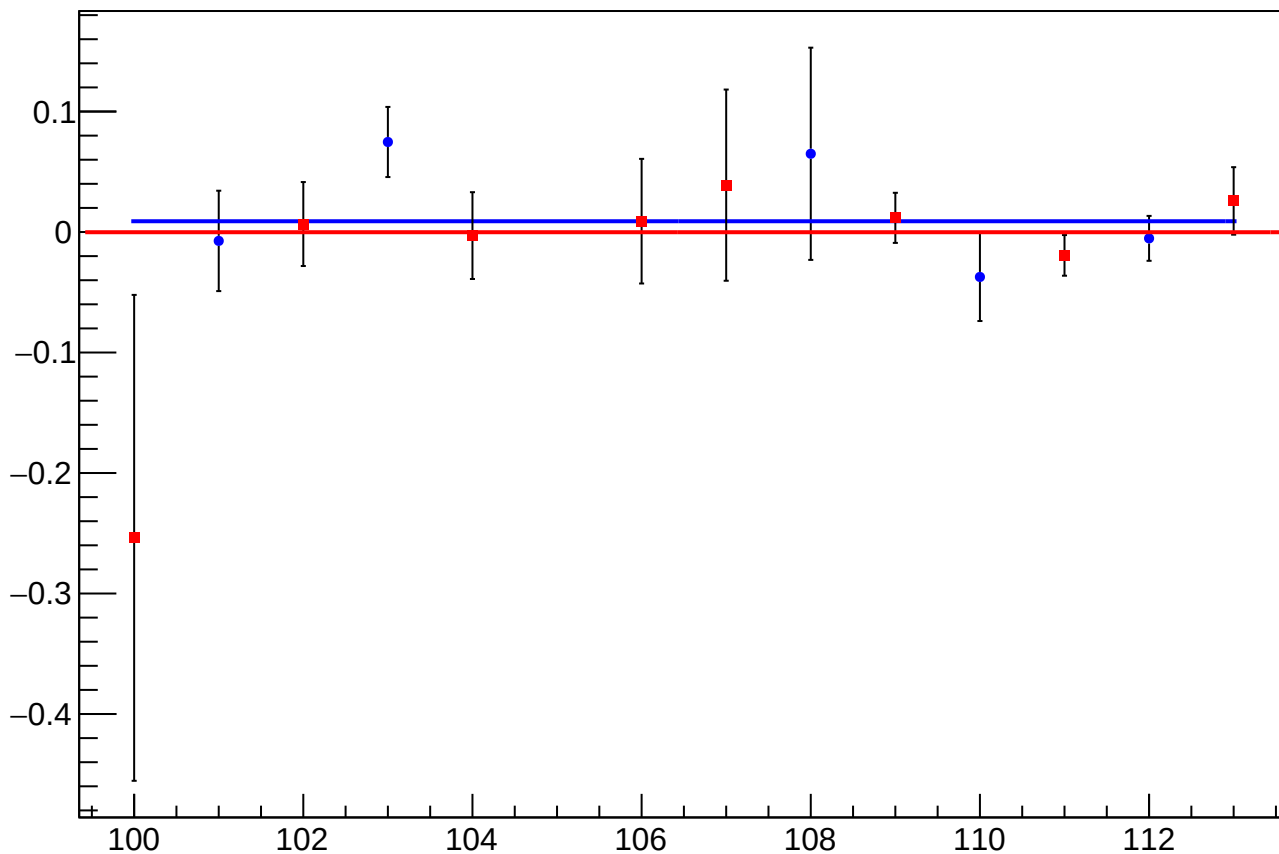
Right: 0.000+/-0.000 χ^2/NDF : 537891.5/12

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 : 537891.5/12

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: -0.000+/-0.010 χ^2/NDF : 4.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

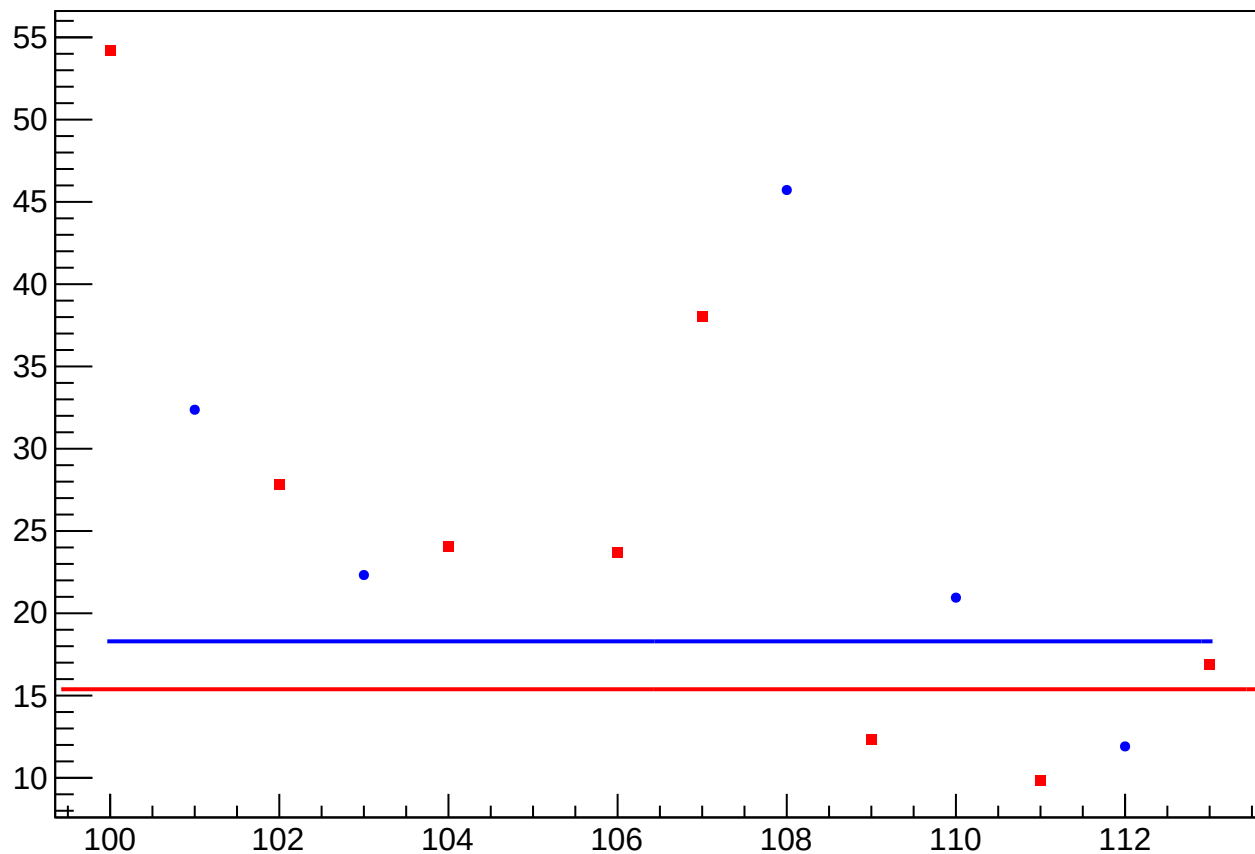
Right: 0.003+/-0.008 χ^2/NDF : 12.5/12

In: 0.009+/-0.013 χ^2/NDF : 7.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.008 χ^2/NDF : 12.5/12

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: 15.384+/-0.007 χ^2/NDF : 924953.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

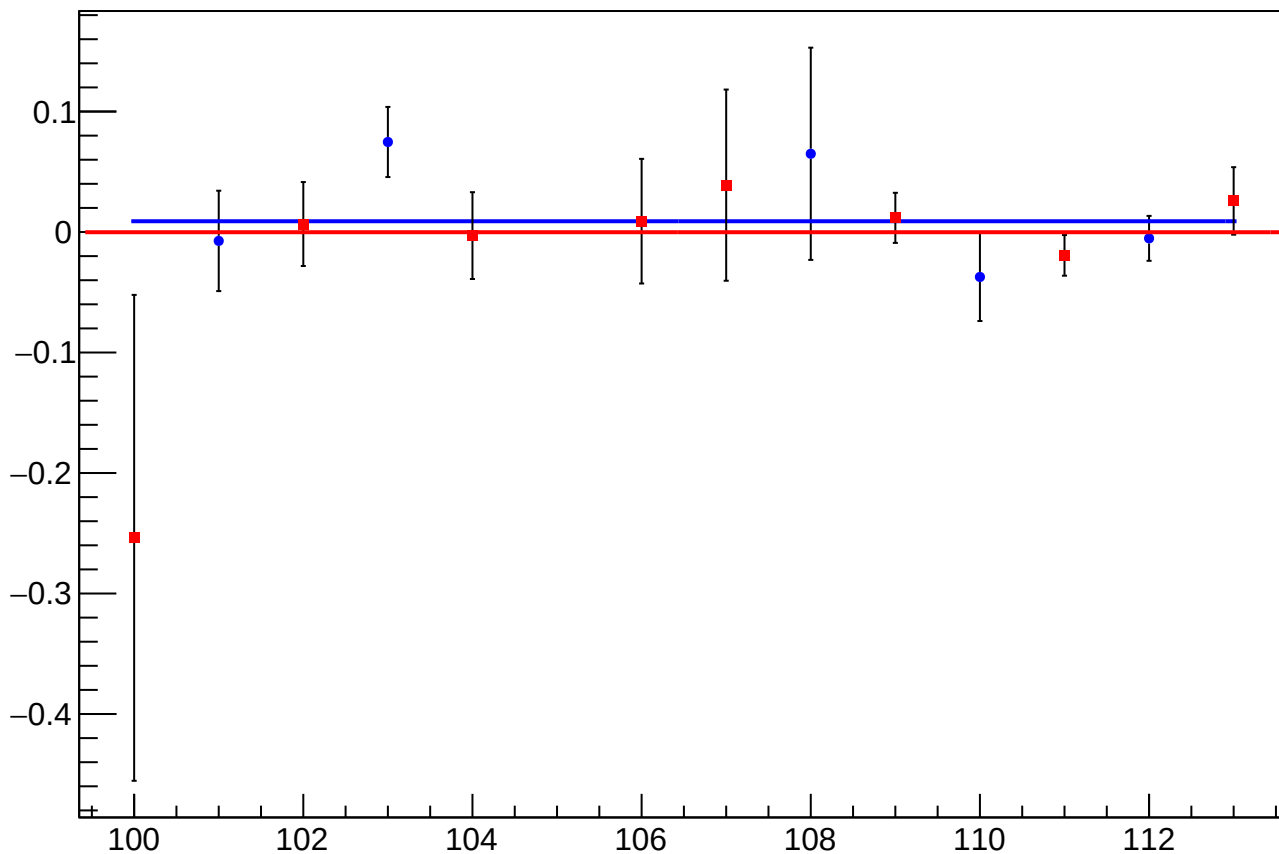
Right: 16.471+/-0.006 χ^2/NDF : 1689611.3/12

In: 18.296+/-0.010 χ^2/NDF :706056.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 16.471+/-0.006 χ^2/NDF : 1689611.3/12

asym_sam5_dit_vs_eigen_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: -0.000+/-0.010 χ^2/NDF : 4.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

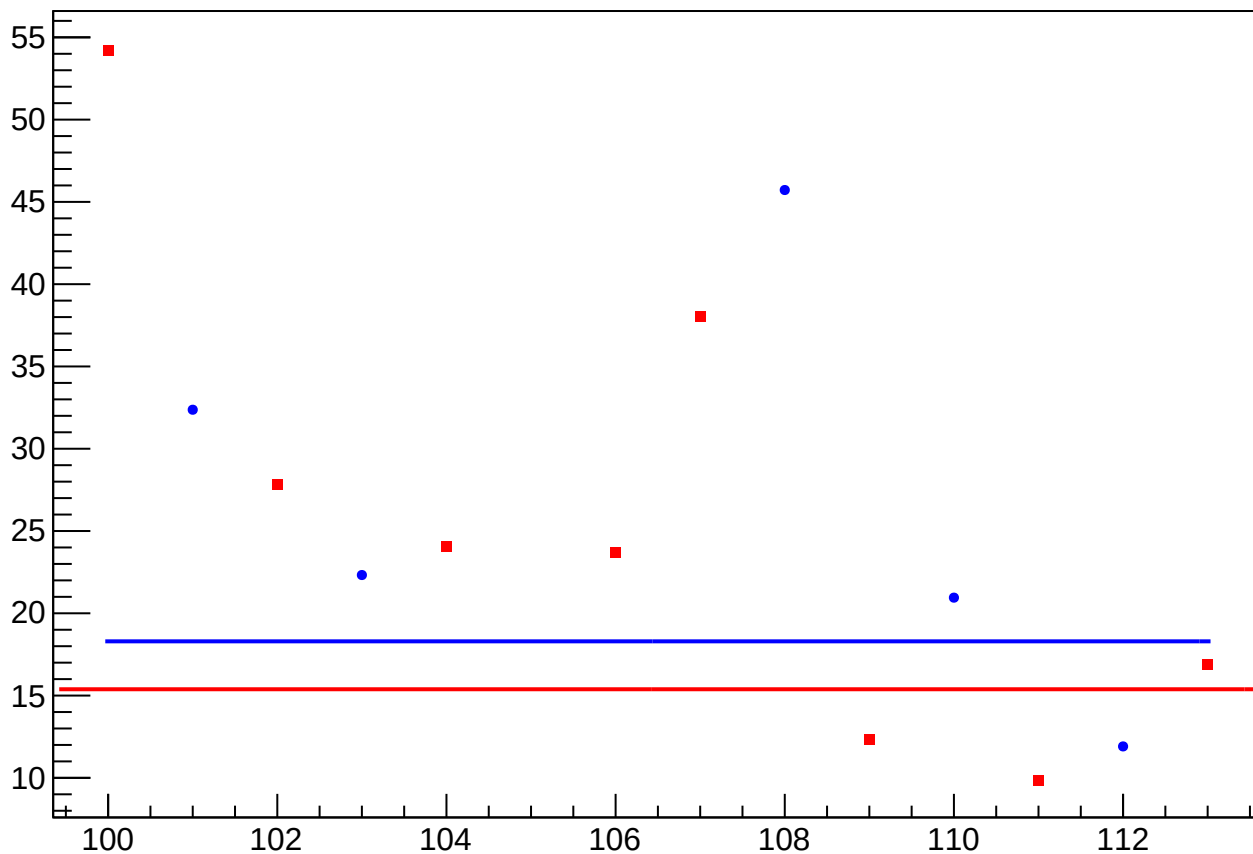
Right: 0.003+/-0.008 χ^2/NDF : 12.5/12

In: 0.009+/-0.013 χ^2/NDF : 7.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.008 χ^2/NDF : 12.5/12

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: 15.384+/-0.007 χ^2/NDF : 924953.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

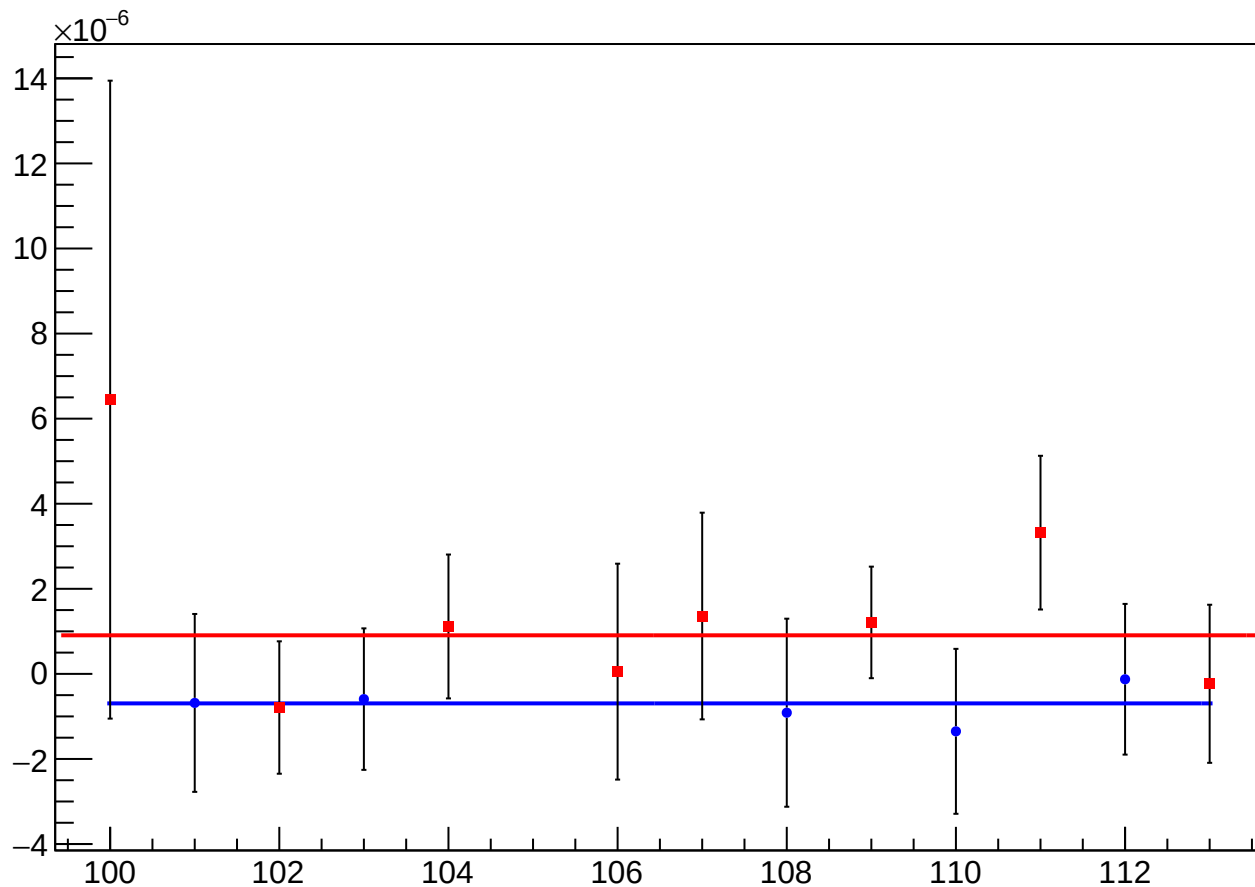
Right: 16.471+/-0.006 χ^2/NDF : 1689611.3/12

In: 18.296+/-0.010 χ^2/NDF : 706056.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.471+/-0.006 χ^2/NDF : 1689611.3/12

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 : 4.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

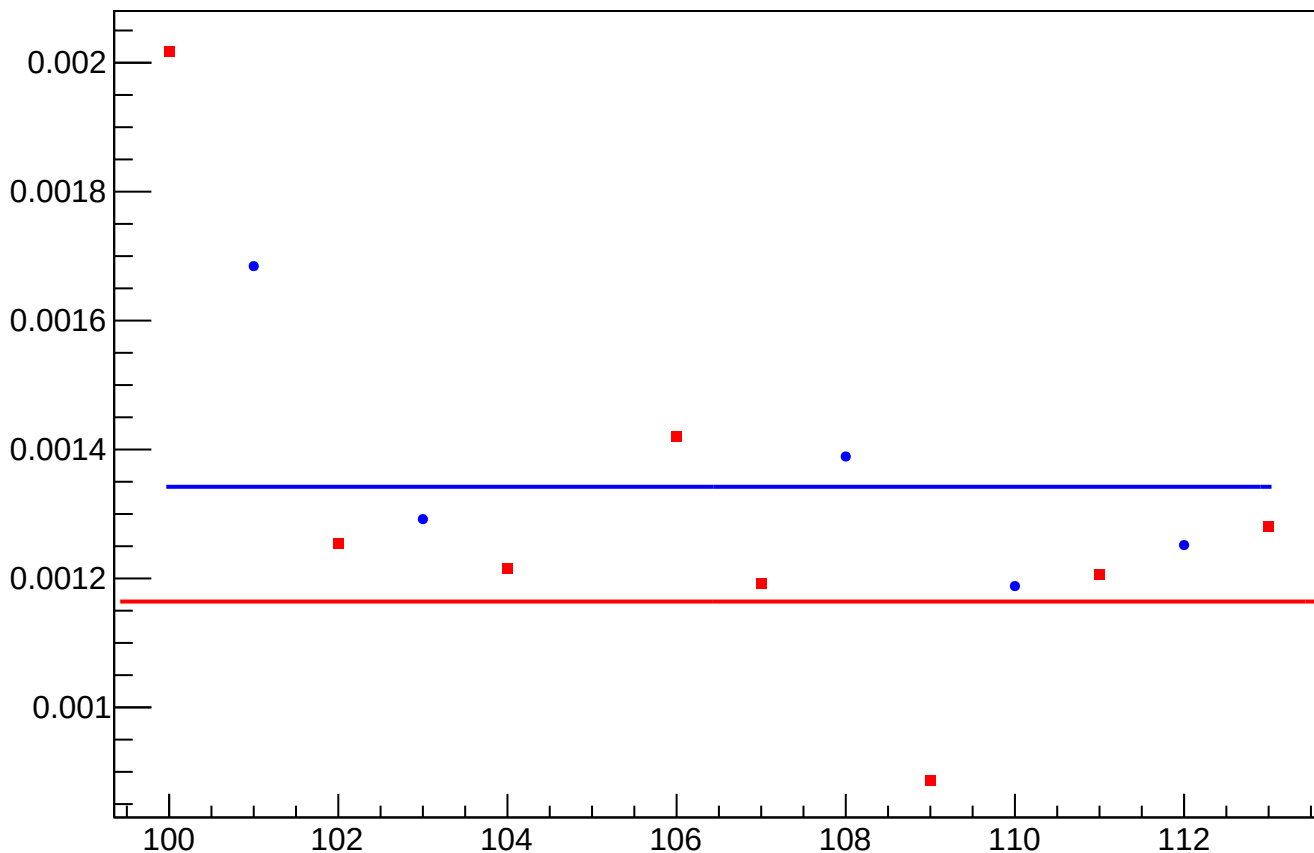
Right: 0.000+/-0.000 χ^2/NDF : 6.5/12

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 : 6.5/12

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 : 153267.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

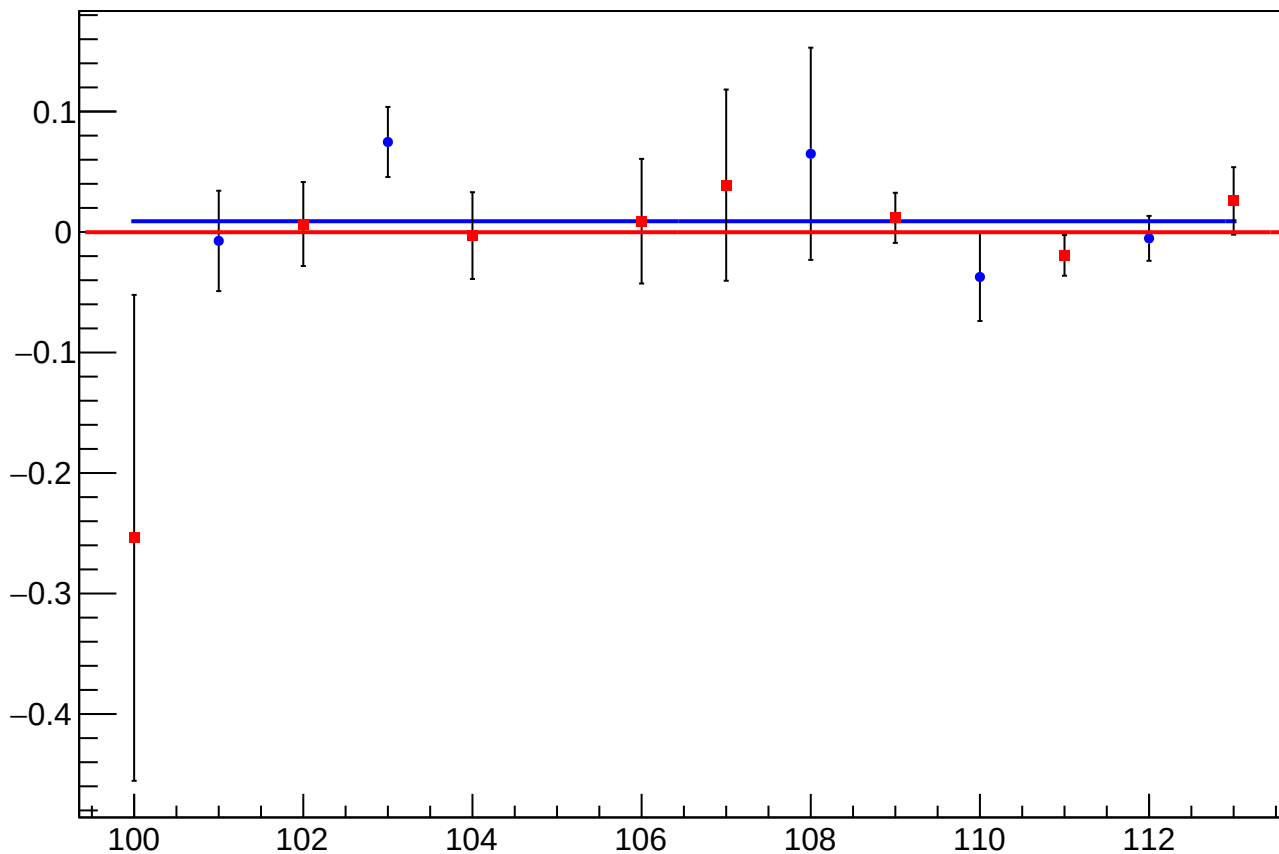
Right: 0.001+/-0.000 χ^2/NDF : 281900.0/12

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 : 281900.0/12

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: -0.000 $\pm$ 0.010 χ^2 /NDF: 4.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

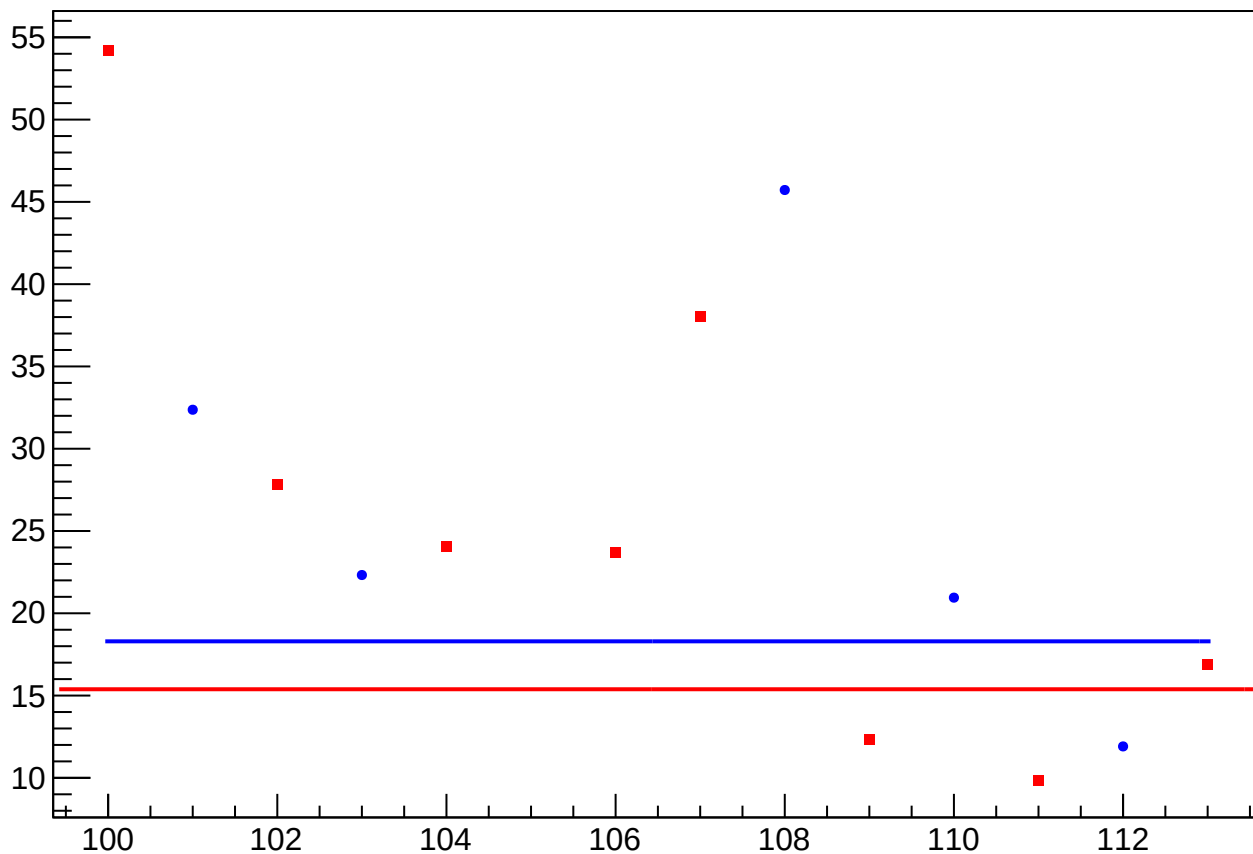
Right: 0.003 $\pm$ 0.008 χ^2 /NDF: 12.5/12

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: 0.003 $\pm$ 0.008 χ^2 /NDF: 12.5/12

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: 15.384+/-0.007 χ^2/NDF : 924983.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

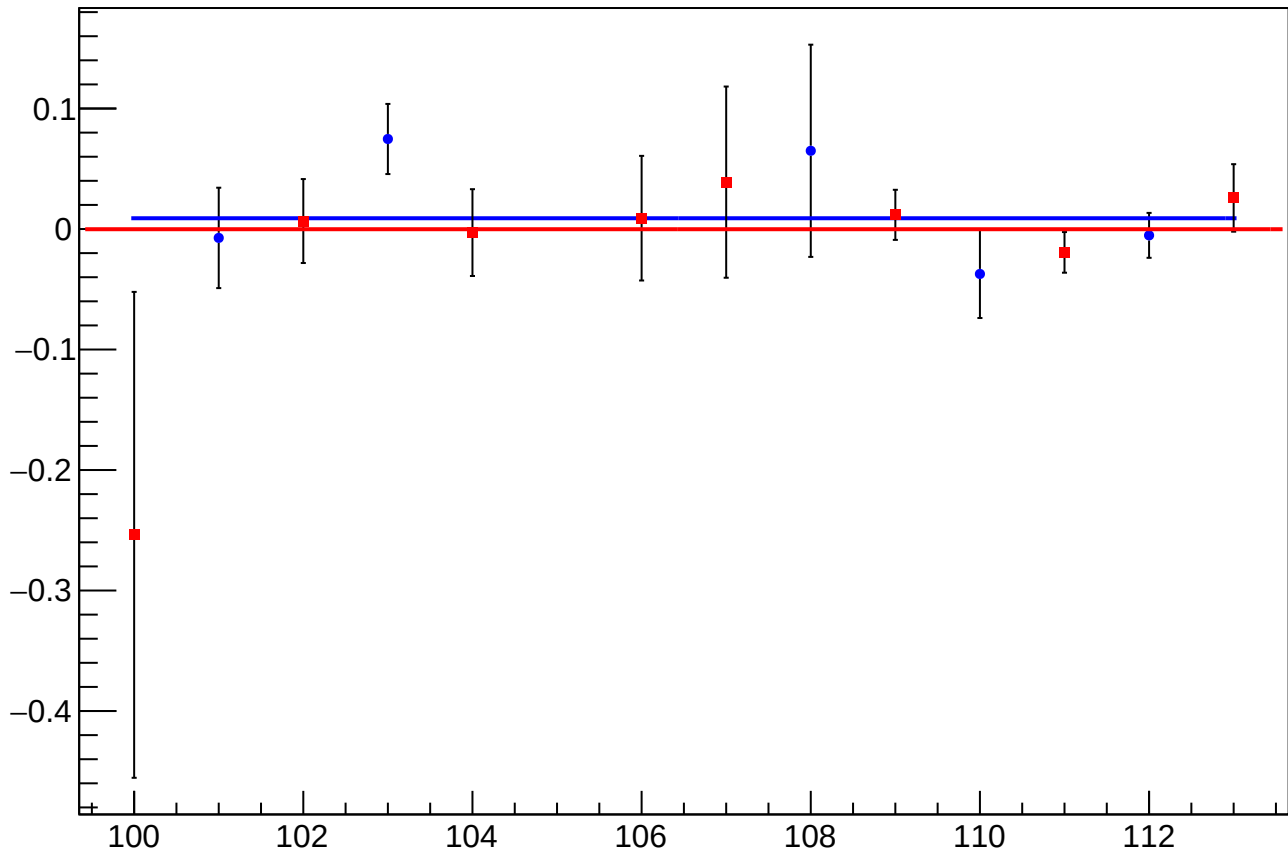
Right: 16.471+/-0.006 χ^2/NDF : 1689636.3/12

In: 18.296+/-0.010 χ^2/NDF : 706044.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.471+/-0.006 χ^2/NDF : 1689636.3/12

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: -0.000 $\pm$ 0.010 χ^2 /NDF: 4.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

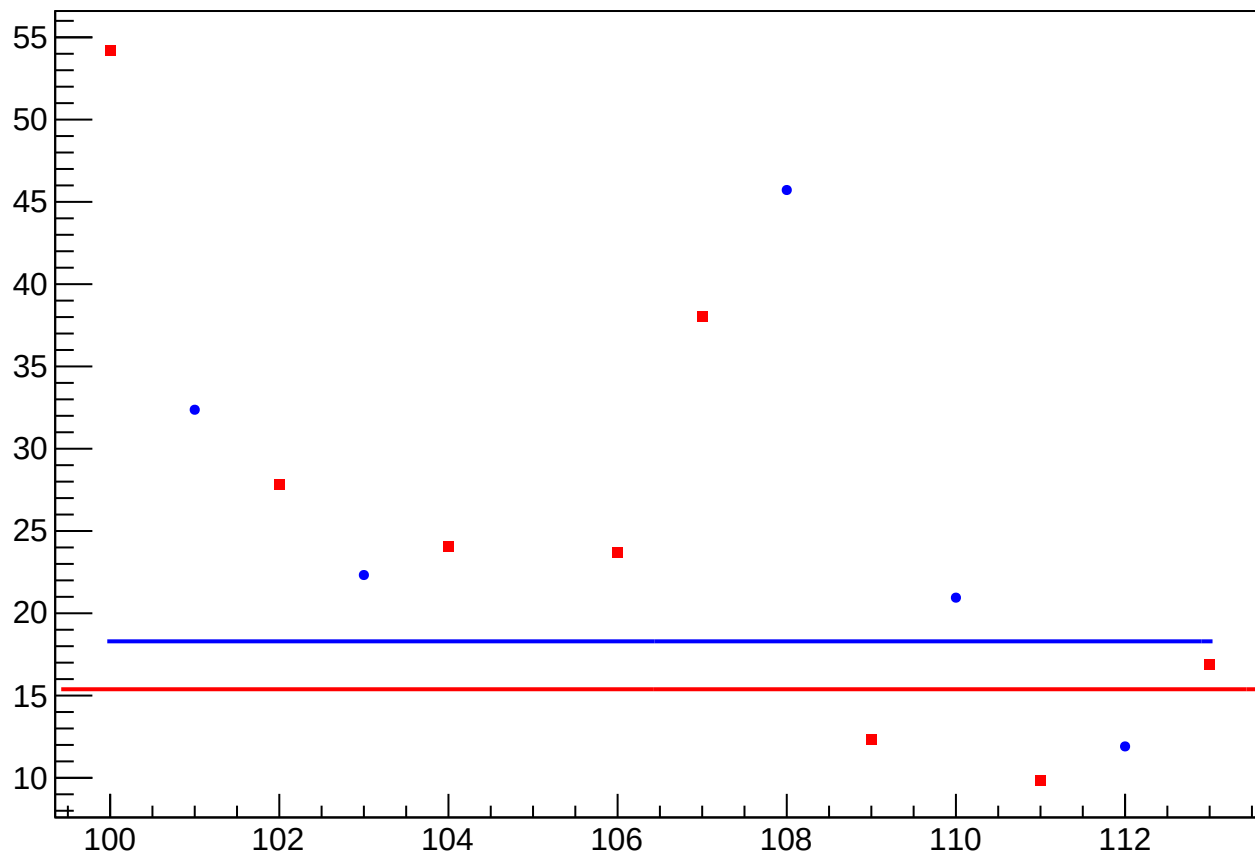
Right: 0.003 $\pm$ 0.008 χ^2 /NDF: 12.5/12

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: 0.003 $\pm$ 0.008 χ^2 /NDF: 12.5/12

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: 15.384+/-0.007 χ^2/NDF : 924983.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

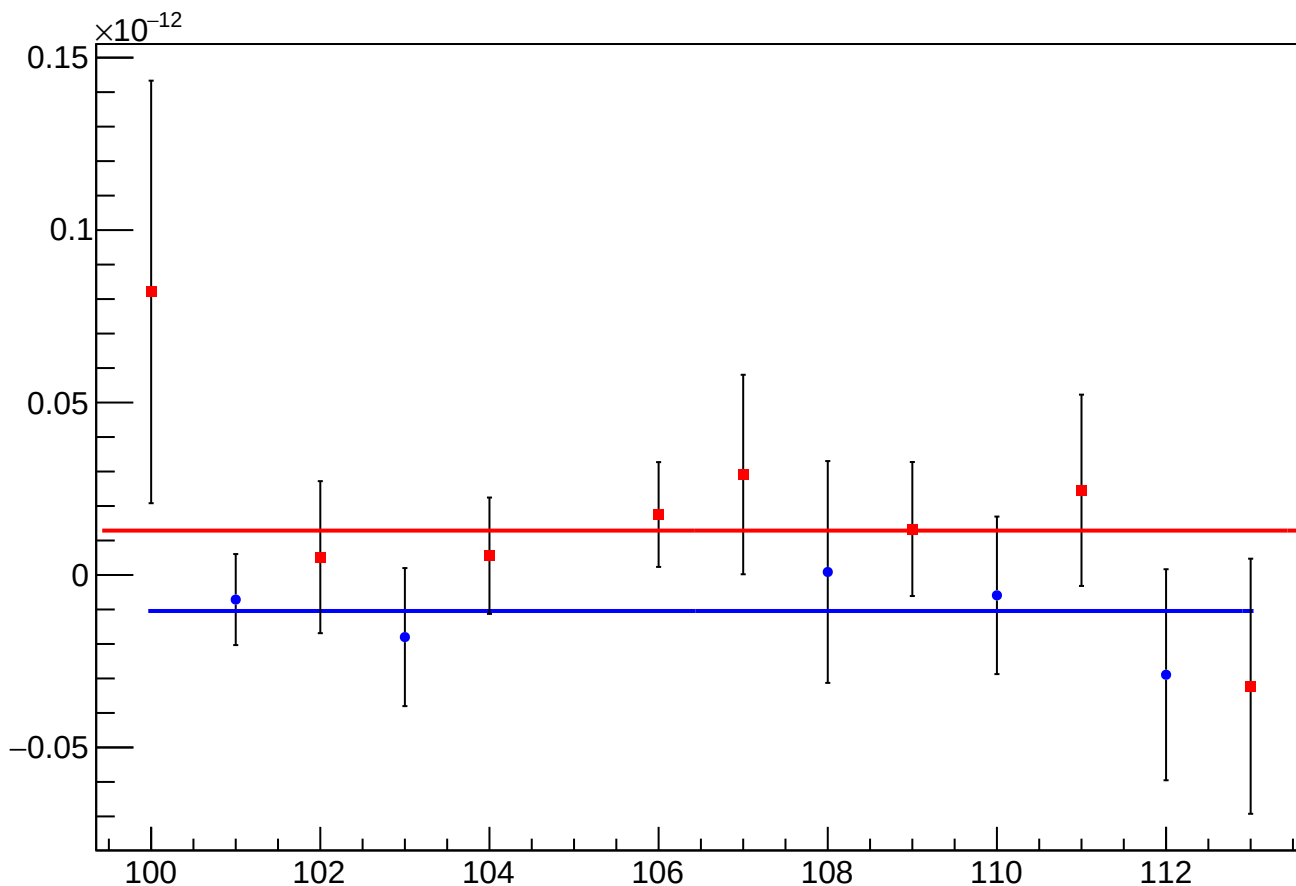
Right: 16.471+/-0.006 χ^2/NDF : 1689636.3/12

In: 18.296+/-0.010 χ^2/NDF : 706044.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.471+/-0.006 χ^2/NDF : 1689636.3/12

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 : 3.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

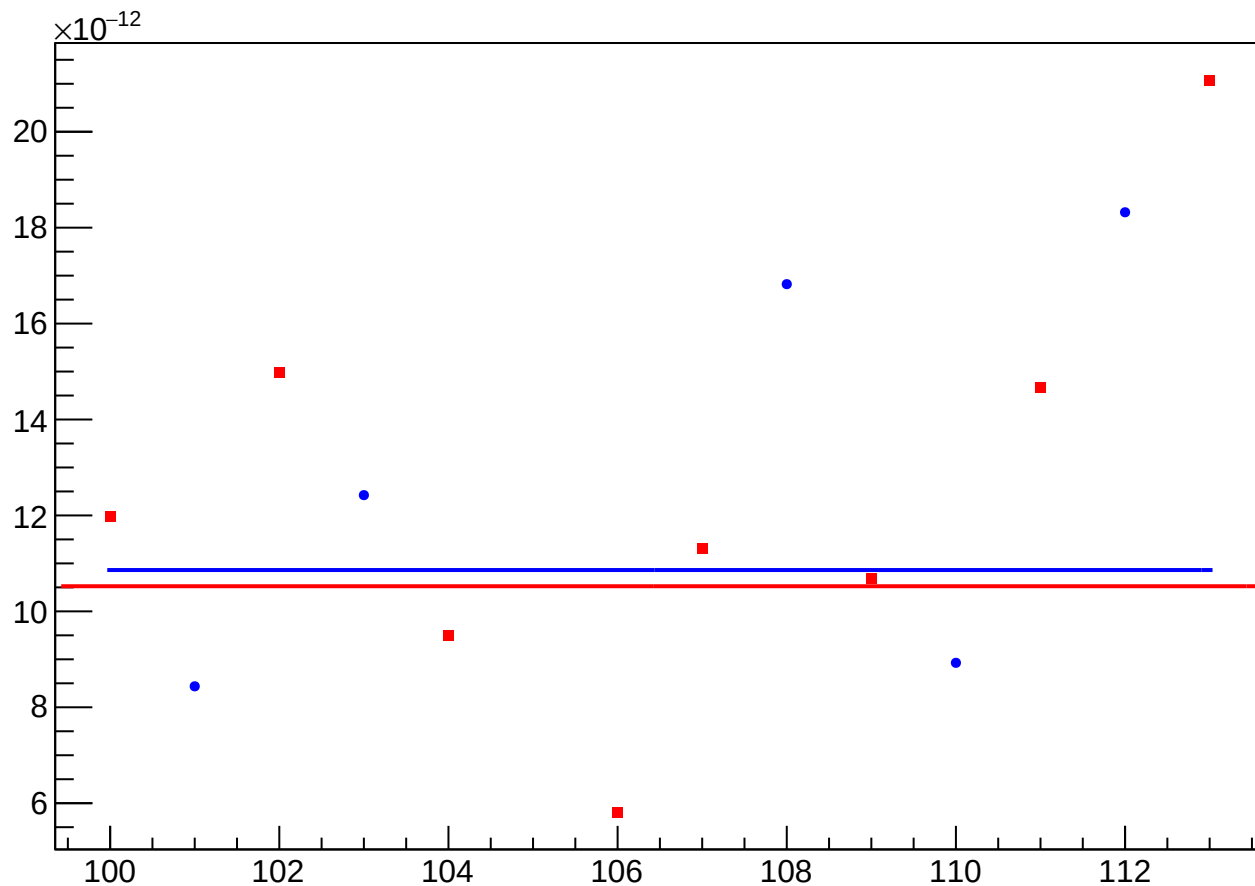
Right: 0.000+/-0.000 χ^2/NDF : 8.2/12

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 : 8.2/12

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 : 490942.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

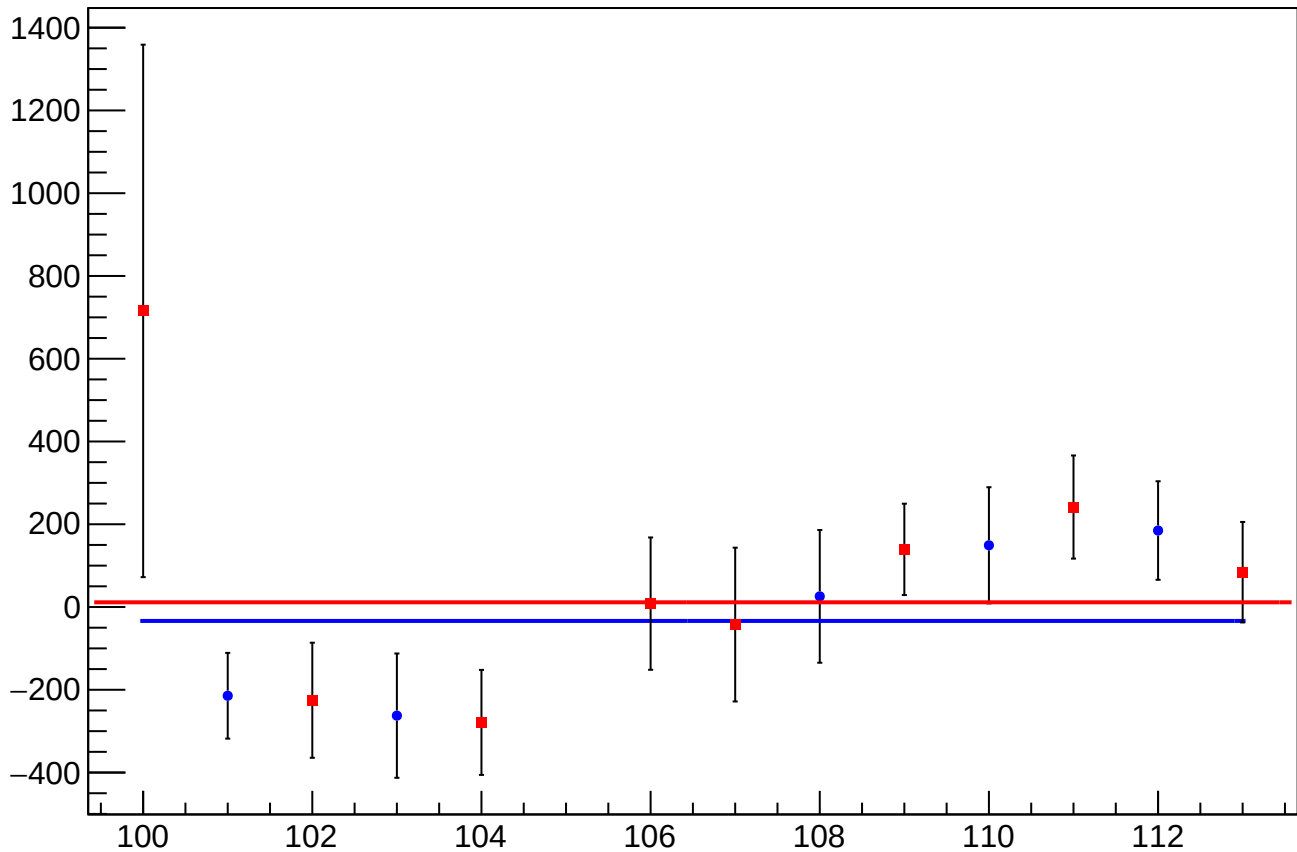
Right: 0.000+/-0.000 χ^2/NDF : 774153.6/12

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 : 774153.6/12

reg_asym_sam6_mean vs Slug, Sign Corrected



Right In: -33.643+/-57.955 χ^2/NDF : 10.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.383+/-50.086 χ^2/NDF : 14.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

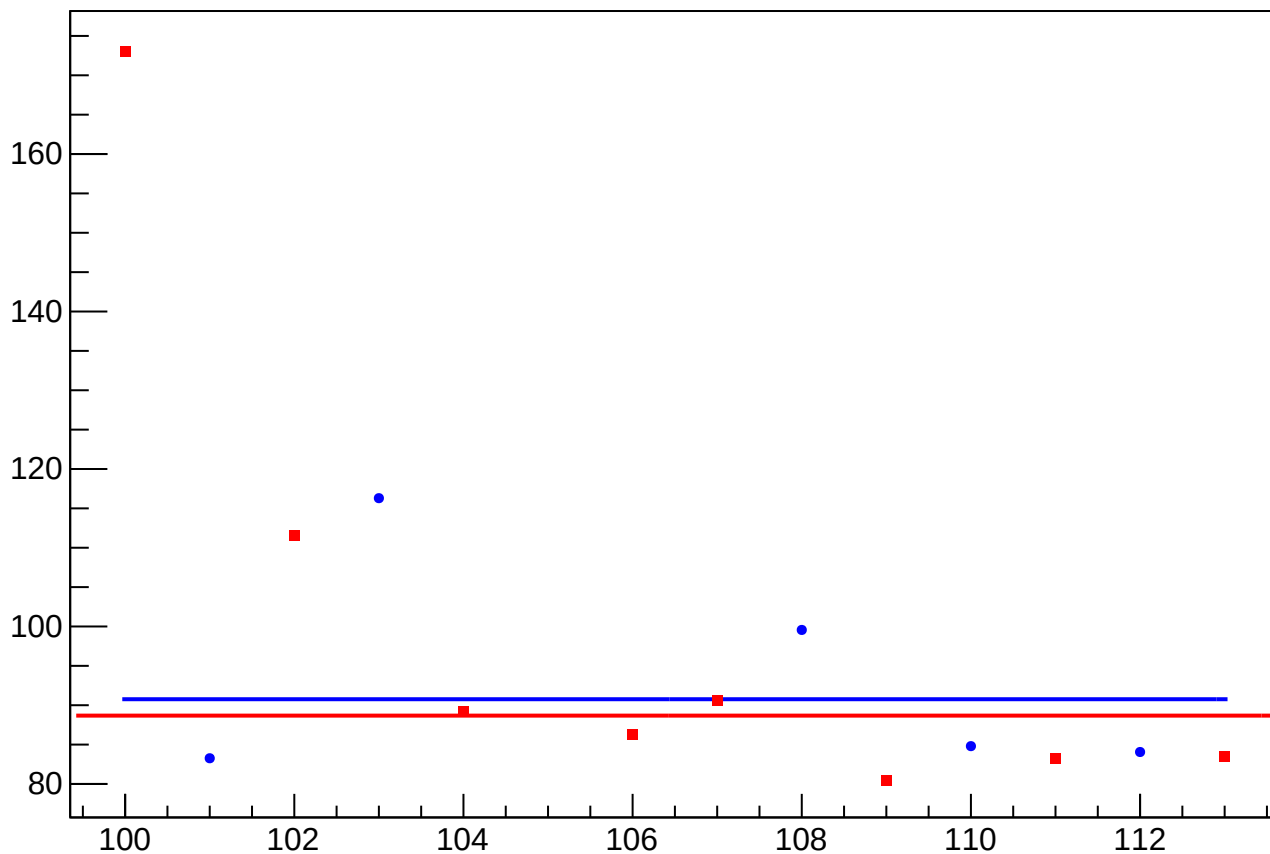
Right: -7.868+/-37.895 χ^2/NDF : 25.4/12

In: -33.643+/-57.955 χ^2/NDF : 10.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.868+/-37.895 χ^2/NDF : 25.4/12

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: 88.679 $\pm$ 0.035 χ^2 /NDF: 107547.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

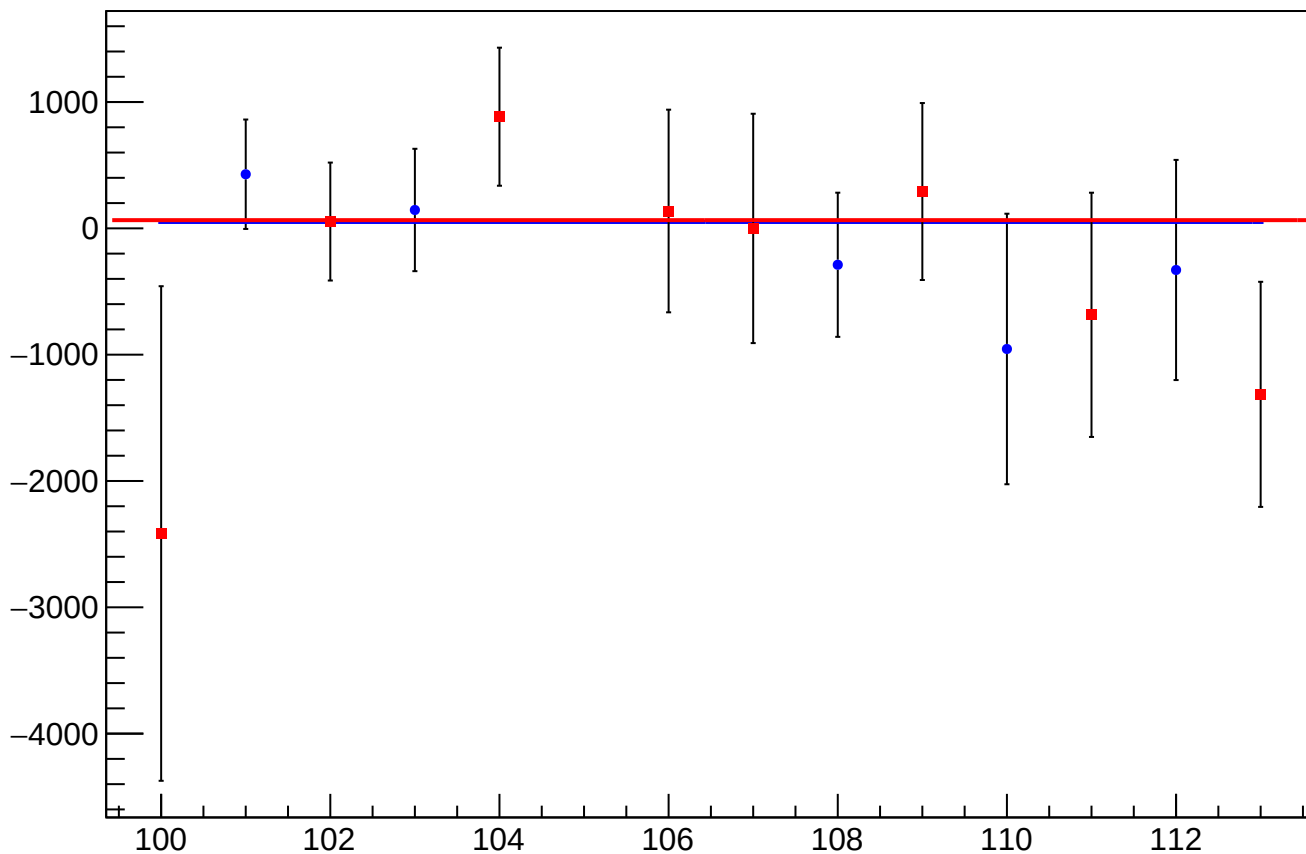
Right: 89.570 $\pm$ 0.027 χ^2 /NDF: 193280.2/12

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: 89.570 $\pm$ 0.027 χ^2 /NDF: 193280.2/12

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: 64.928+/-255.387 χ^2/NDF : 7.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

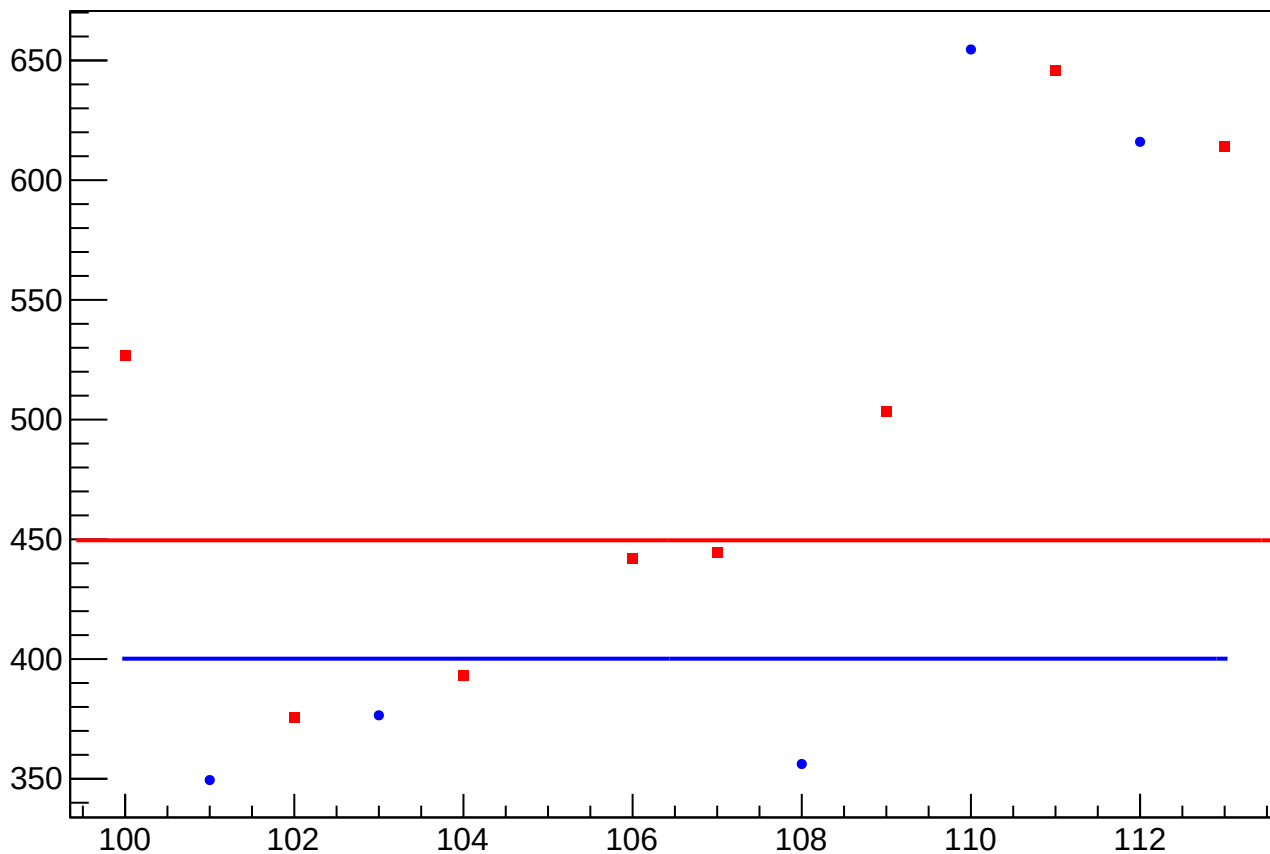
Right: 57.875+/-182.014 χ^2/NDF : 9.2/12

In: 50.593+/-259.475 χ^2/NDF : 2.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.875+/-182.014 χ^2/NDF : 9.2/12

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: 449.601+/-0.181 χ^2/NDF : 237369.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

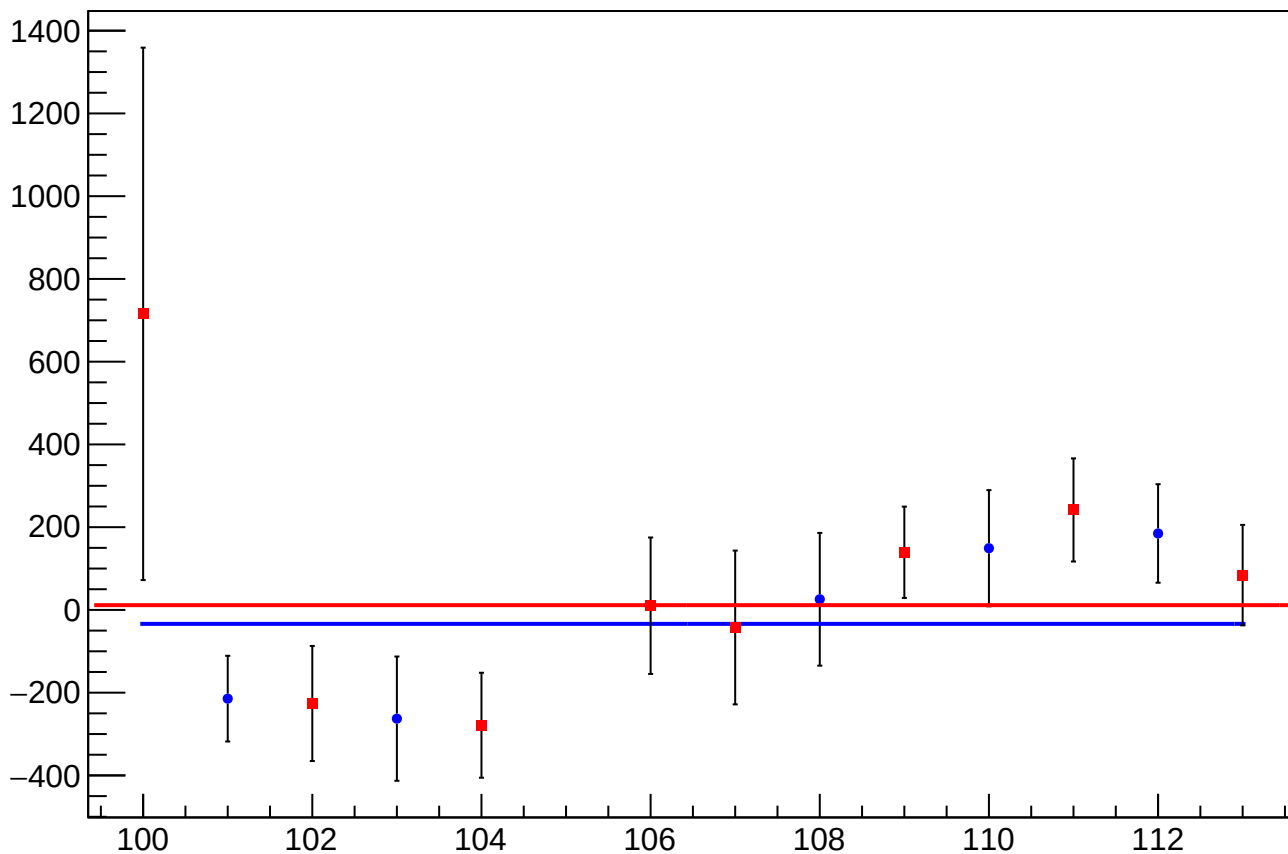
Right: 425.273+/-0.129 χ^2/NDF : 553907.7/12

In: 400.160+/-0.183 χ^2/NDF : 279655.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 425.273+/-0.129 χ^2/NDF : 553907.7/12

cor_asym_sam6_mean vs Slug, Sign Corrected



Right In: -33.687+/-57.955 χ^2/NDF : 10.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.517+/-50.237 χ^2/NDF : 14.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

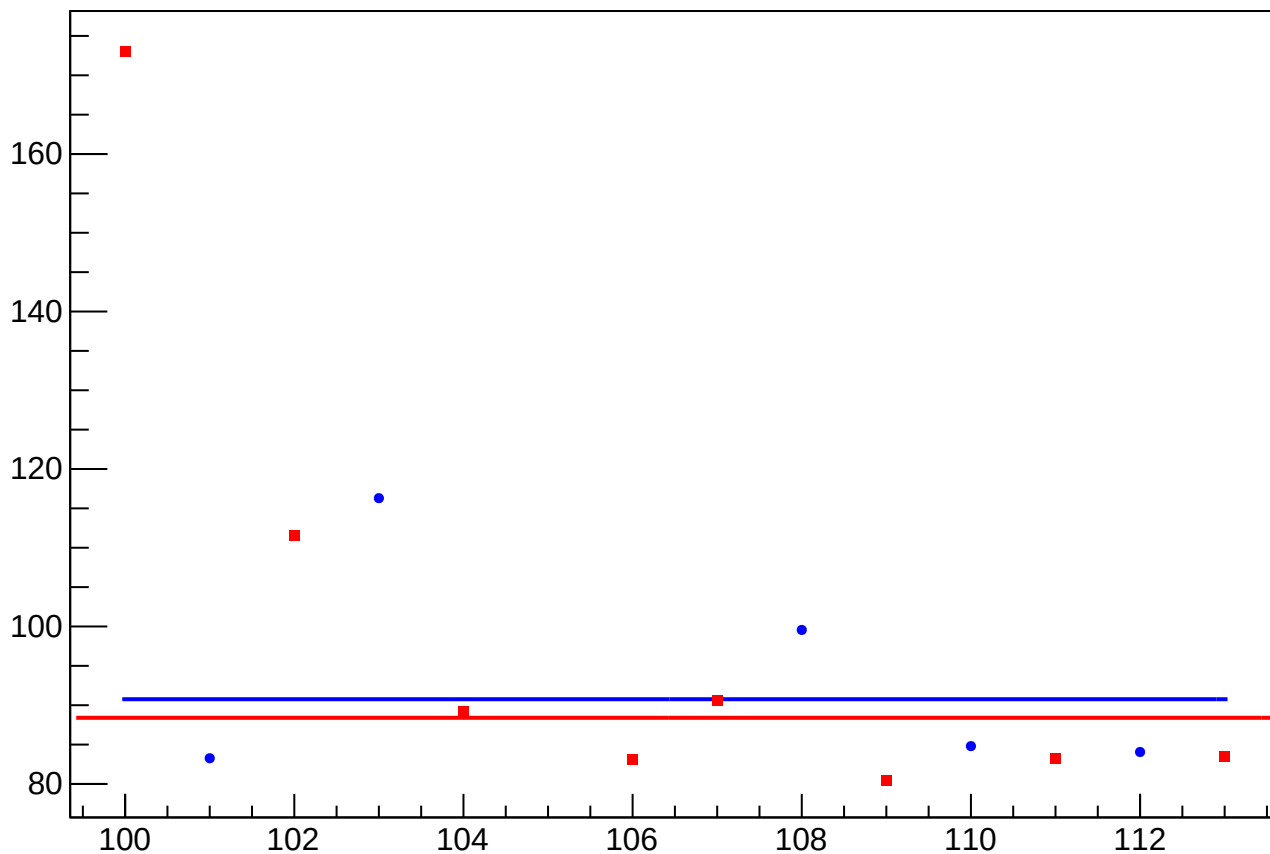
Right: -7.876+/-37.960 χ^2/NDF : 25.5/12

In: -33.687+/-57.955 χ^2/NDF : 10.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.876+/-37.960 χ^2/NDF : 25.5/12

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: 88.403 $\pm$ 0.036 χ^2 /NDF: 109458.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

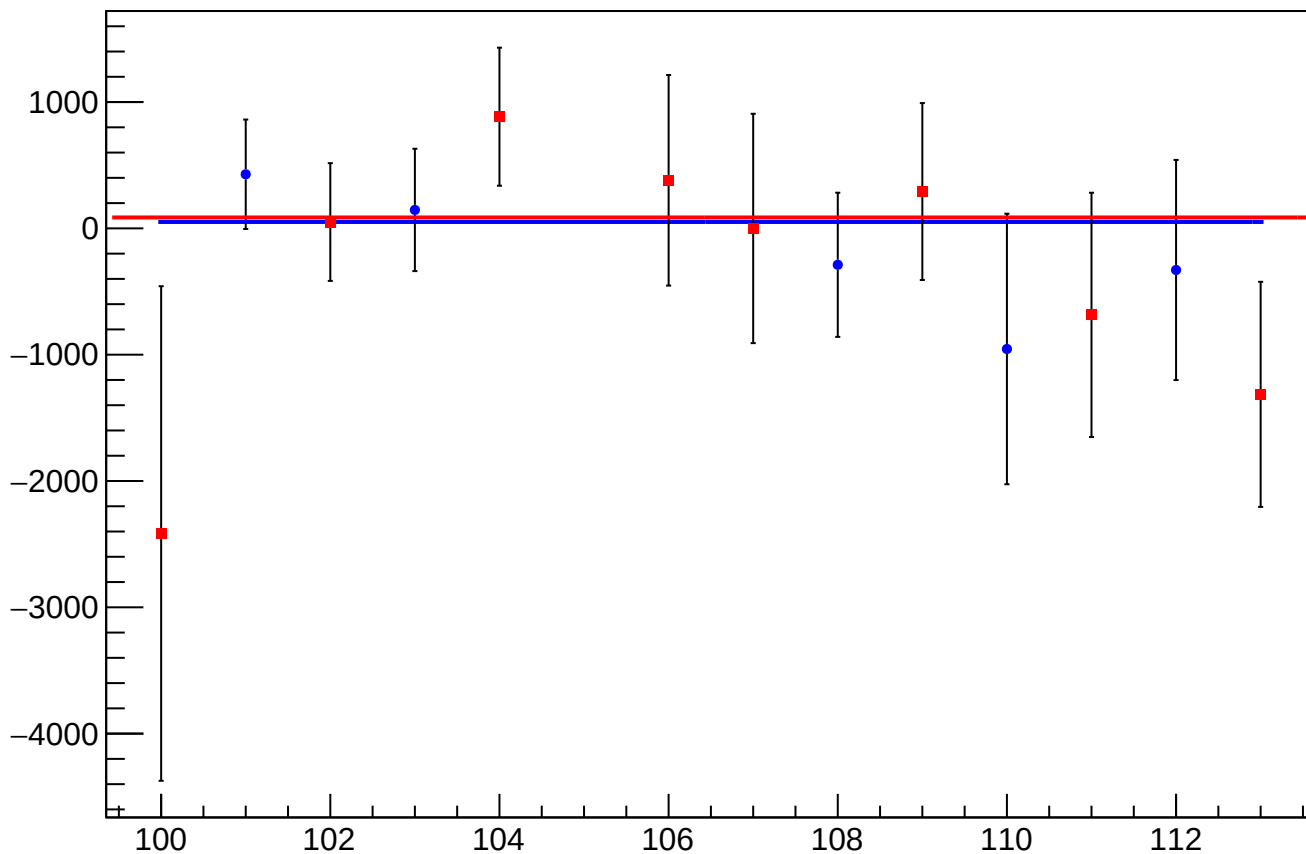
Right: 89.415 $\pm$ 0.027 χ^2 /NDF: 195607.2/12

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: 89.415 $\pm$ 0.027 χ^2 /NDF: 195607.2/12

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: 86.339+/-256.222 χ^2/NDF : 7.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

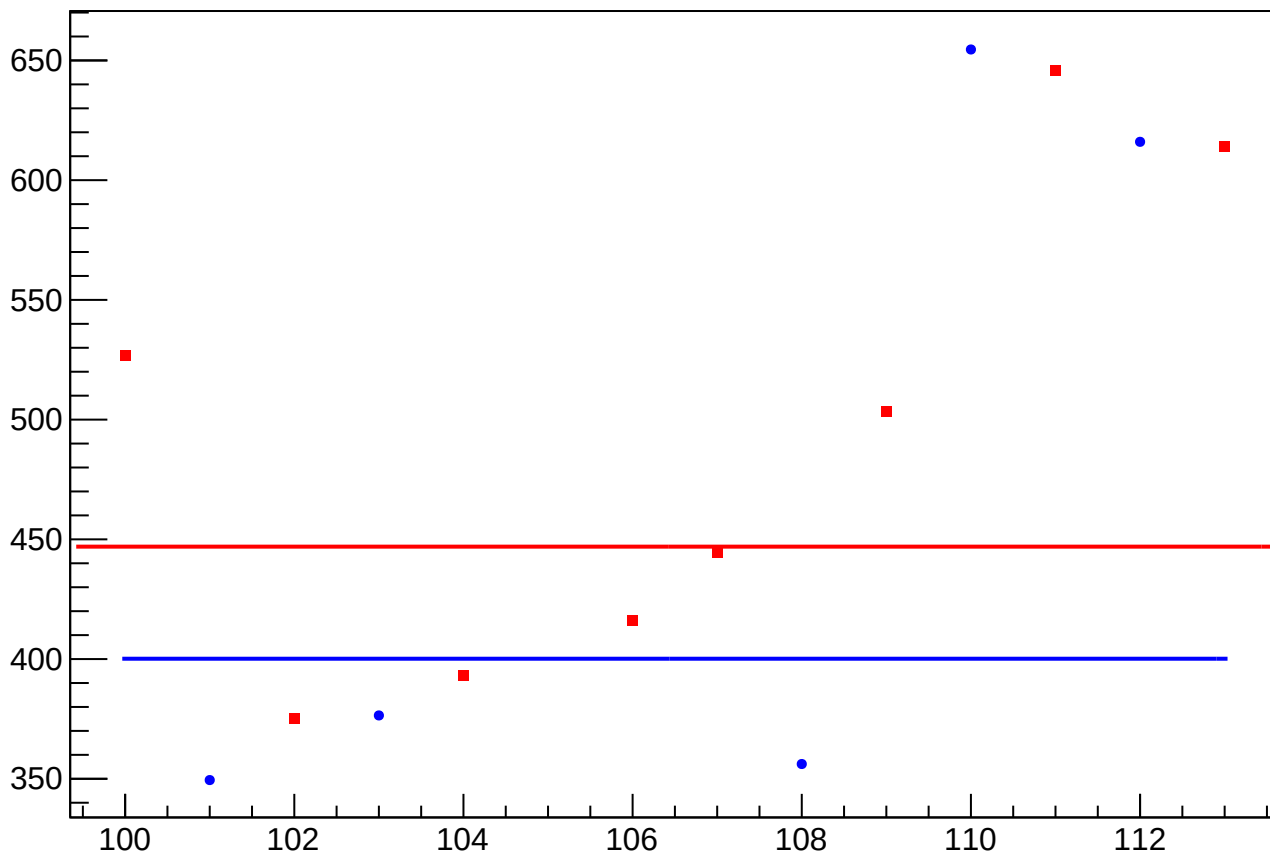
Right: 68.787+/-182.312 χ^2/NDF : 9.3/12

In: 50.787+/-259.465 χ^2/NDF : 2.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.787+/-182.312 χ^2/NDF : 9.3/12

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: 446.951+/-0.181 χ^2/NDF : 241246.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

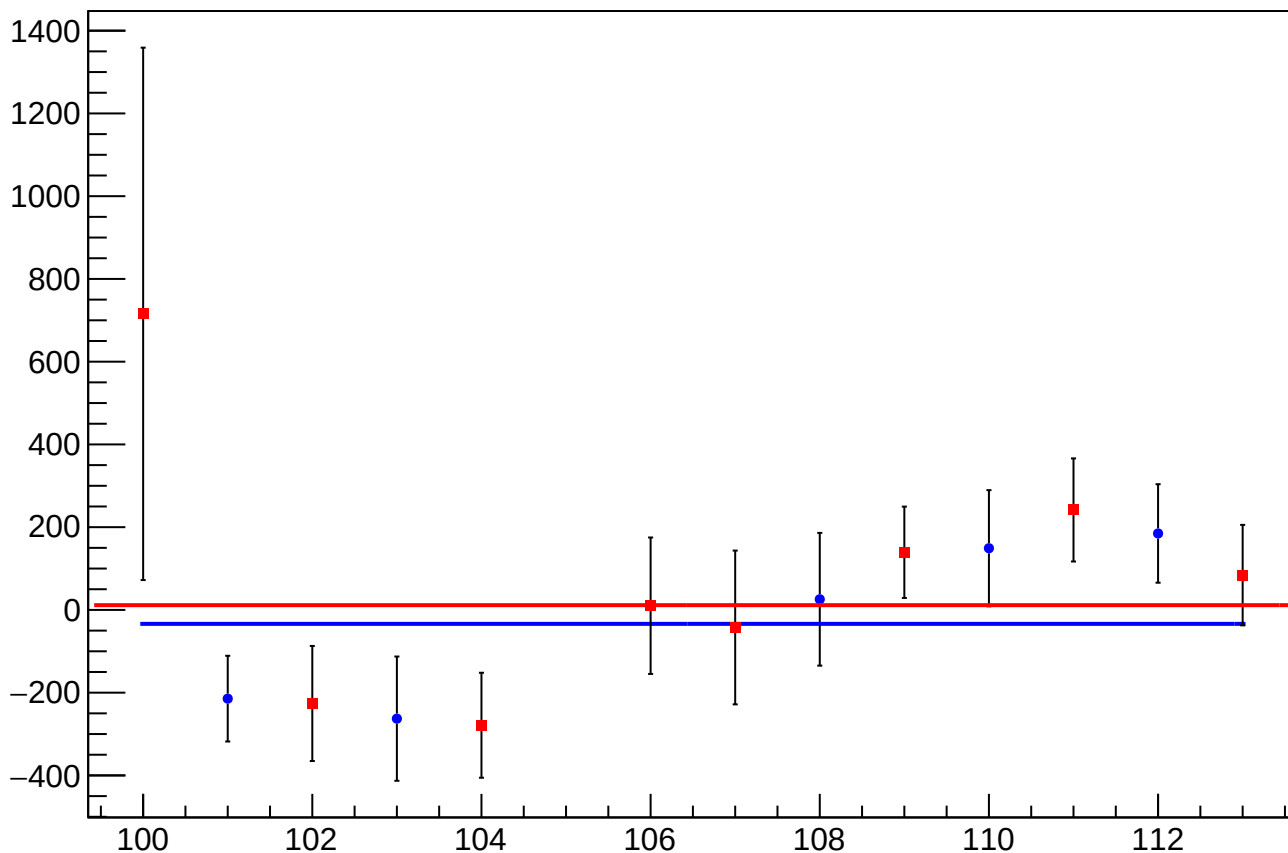
Right: 423.841+/-0.129 χ^2/NDF : 553877.7/12

In: 400.143+/-0.183 χ^2/NDF : 279677.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 423.841+/-0.129 χ^2/NDF : 553877.7/12

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: 11.517 $\pm$ 50.237 χ^2 /NDF: 14.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

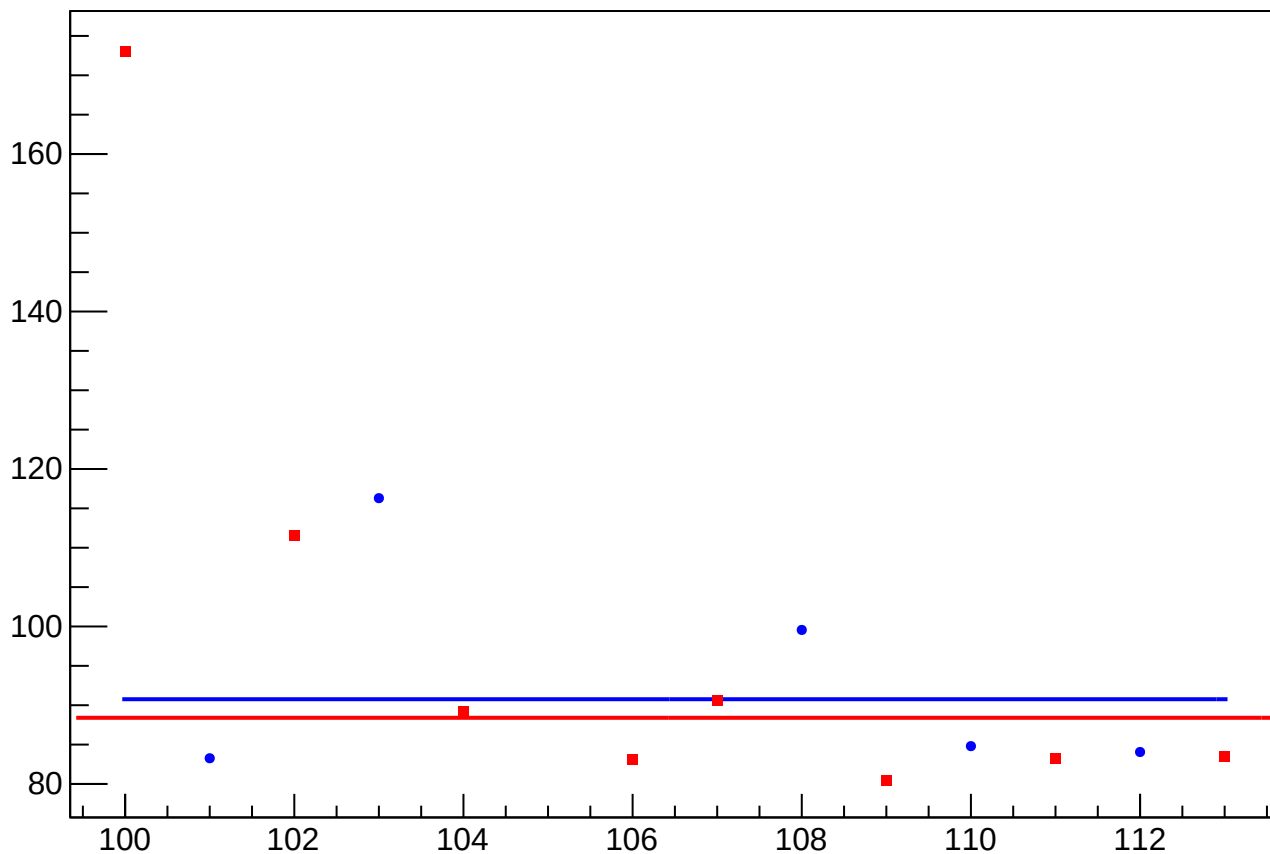
Right: -7.876 $\pm$ 37.960 χ^2 /NDF: 25.5/12

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: -7.876 $\pm$ 37.960 χ^2 /NDF: 25.5/12

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: 88.403 $\pm$ 0.036 χ^2 /NDF: 109458.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

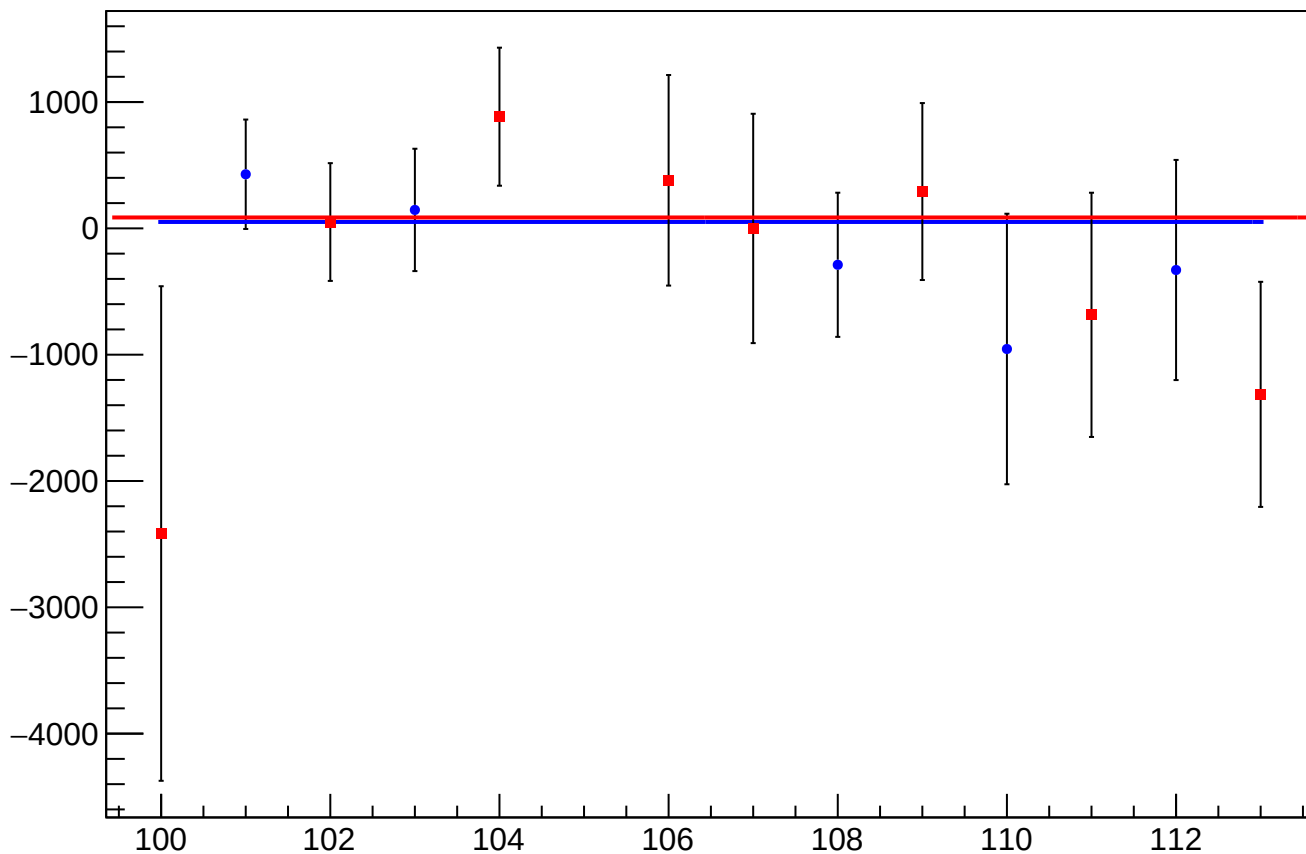
Right: 89.415 $\pm$ 0.027 χ^2 /NDF: 195607.2/12

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: 89.415 $\pm$ 0.027 χ^2 /NDF: 195607.2/12

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: 86.339+/-256.222 χ^2/NDF : 7.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

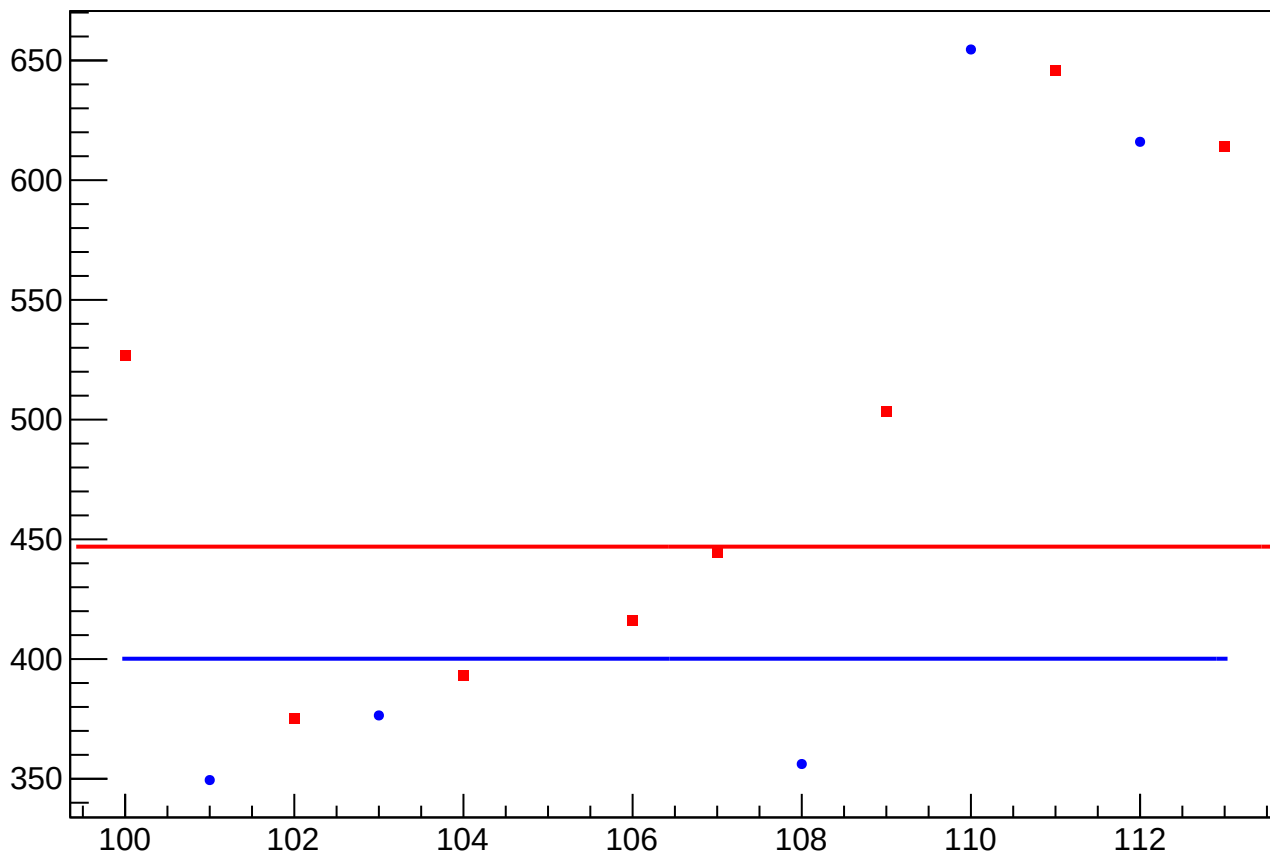
Right: 68.787+/-182.312 χ^2/NDF : 9.3/12

In: 50.787+/-259.465 χ^2/NDF : 2.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.787+/-182.312 χ^2/NDF : 9.3/12

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: 446.951+/-0.181 χ^2/NDF : 241246.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

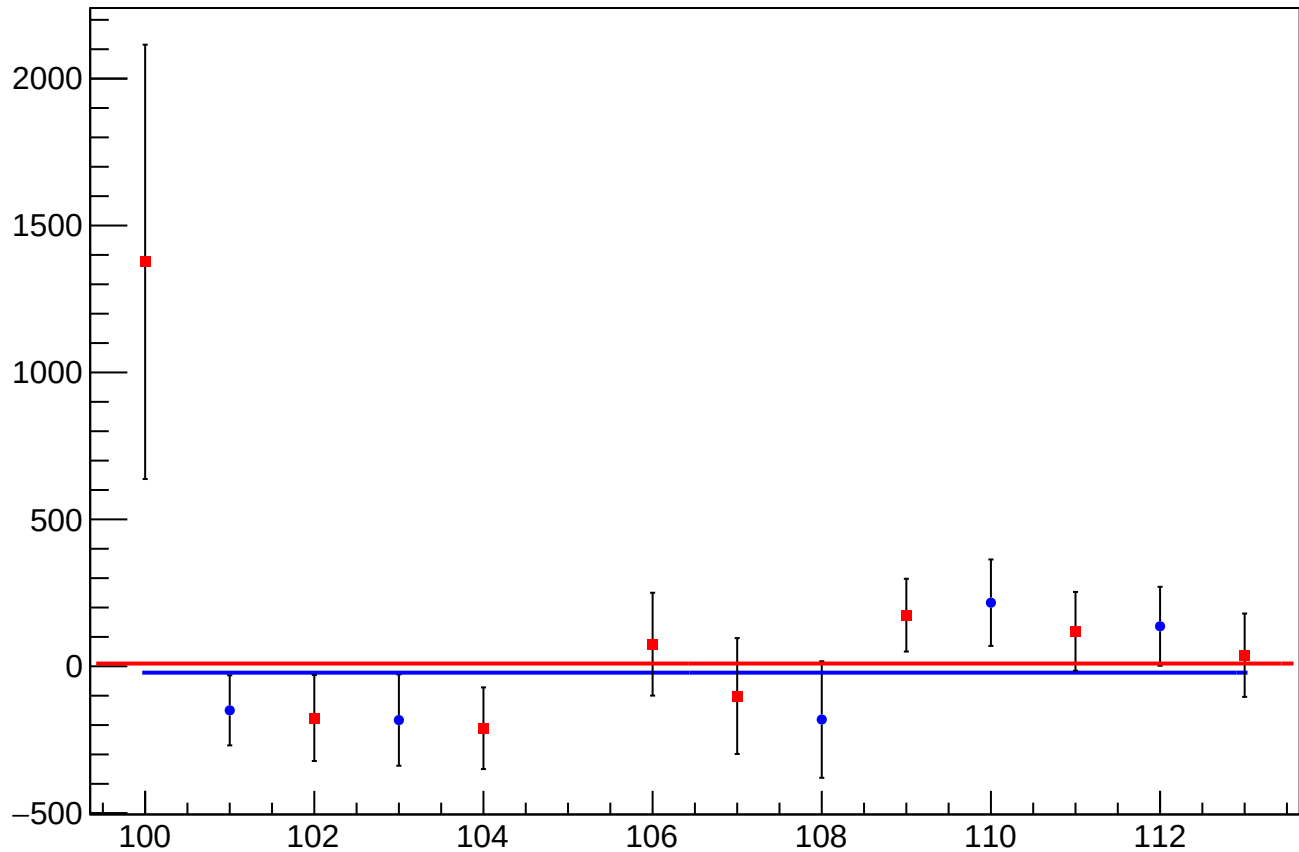
Right: 423.841+/-0.129 χ^2/NDF : 553877.7/12

In: 400.143+/-0.183 χ^2/NDF : 279677.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 423.841+/-0.129 χ^2/NDF : 553877.7/12

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -21.638 $\pm$ 64.710 χ^2 /NDF: 6.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 9.368 $\pm$ 55.109 χ^2 /NDF: 10.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

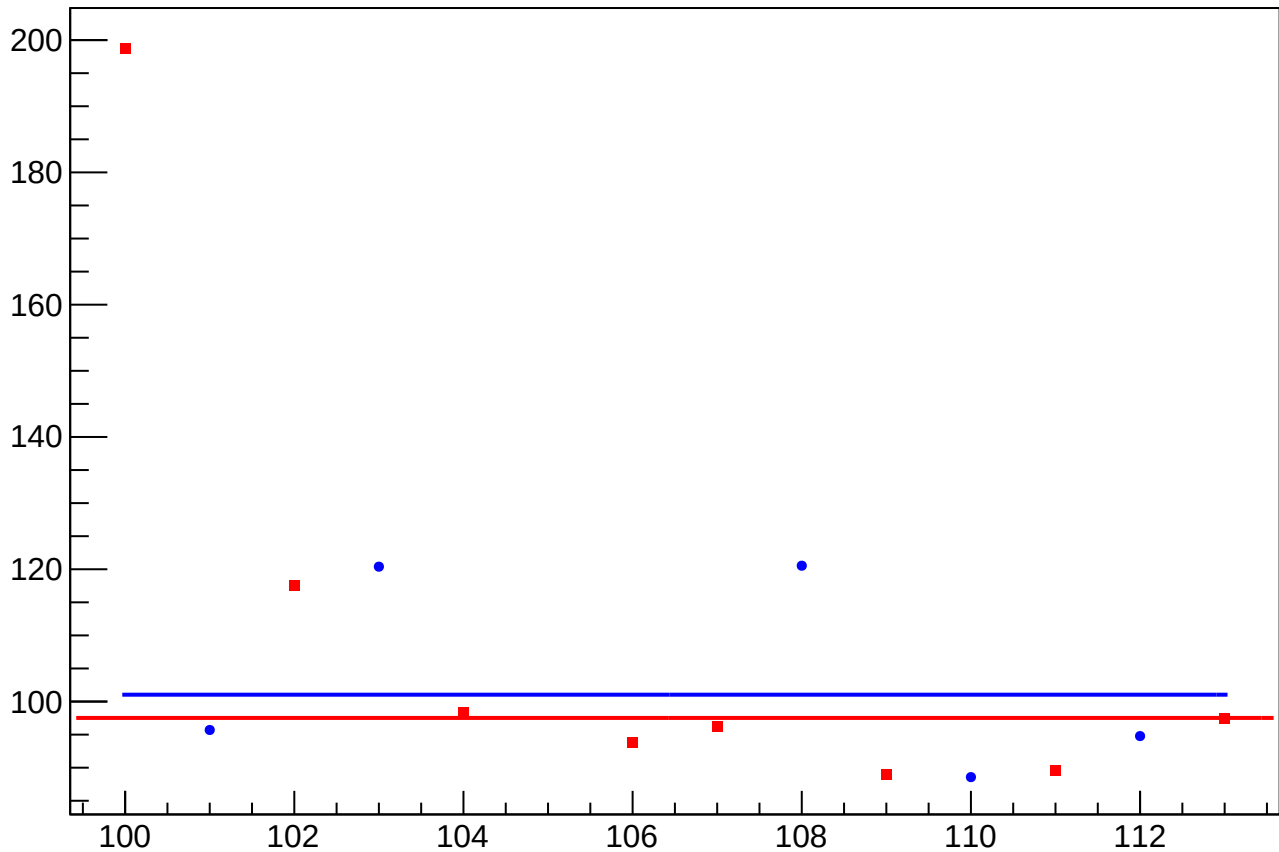
Right: -3.666 $\pm$ 41.956 χ^2 /NDF: 17.5/12

In: -21.638 $\pm$ 64.710 χ^2 /NDF:6.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -3.666 $\pm$ 41.956 χ^2 /NDF: 17.5/12

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: 97.523+/-0.039 χ^2/NDF : 92622.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

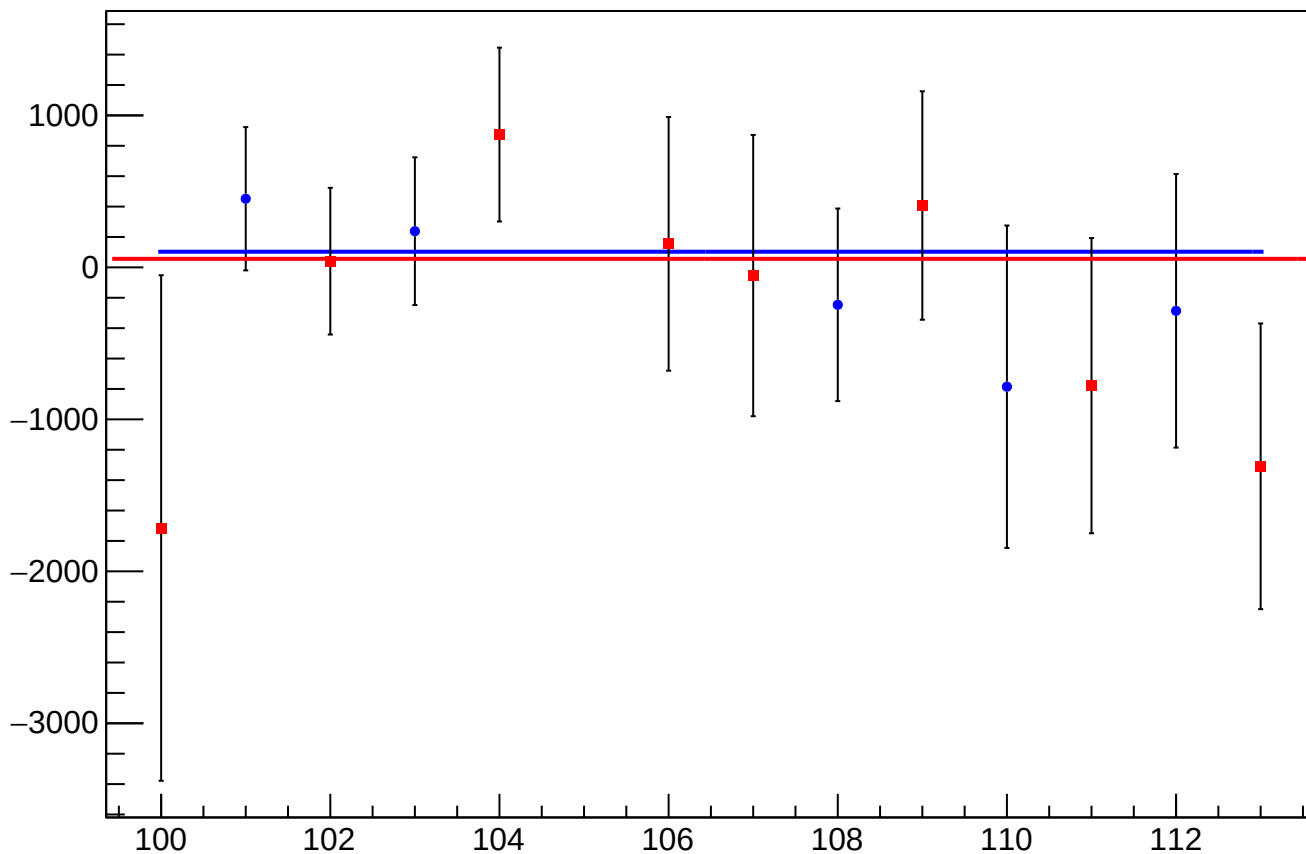
Right: 99.000+/-0.030 χ^2/NDF : 169107.9/12

In: 101.036+/-0.046 χ^2/NDF : 73069.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.000+/-0.030 χ^2/NDF : 169107.9/12

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: 56.122 $\pm$ 264.617 χ^2 /NDF: 6.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

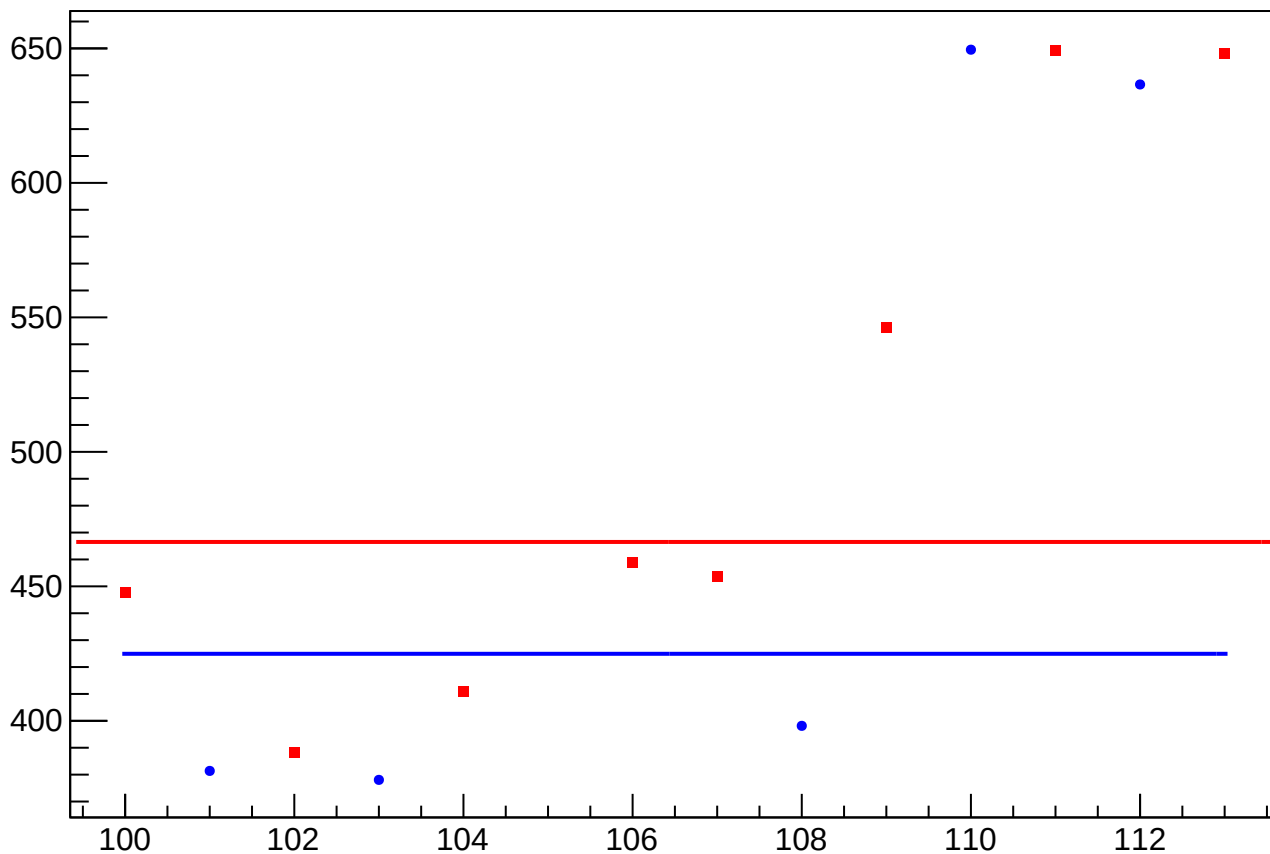
Right: 78.762 $\pm$ 190.257 χ^2 /NDF: 8.1/12

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: 78.762 $\pm$ 190.257 χ^2 /NDF: 8.1/12

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: 466.507+/-0.187 χ^2/NDF : 240490.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

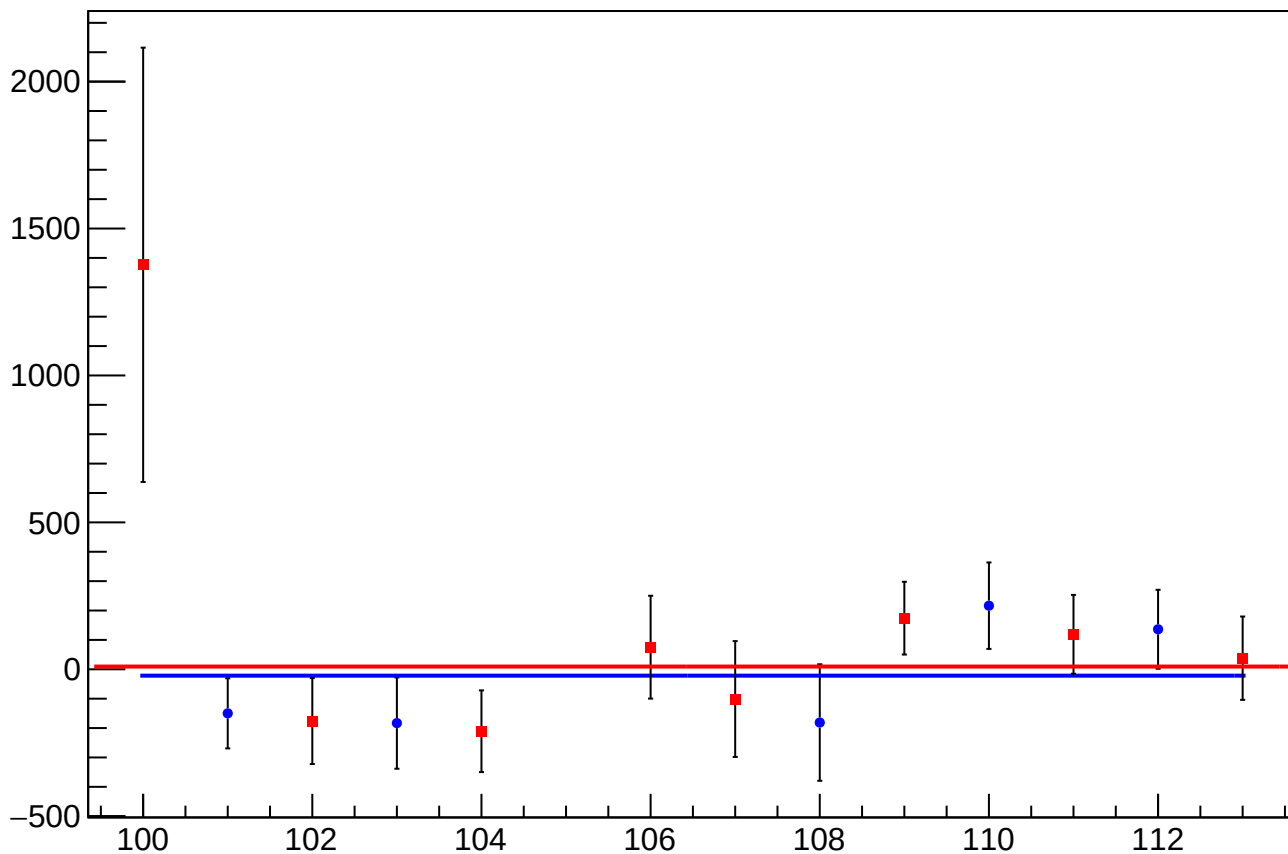
Right: 446.420+/-0.135 χ^2/NDF : 503862.7/12

In: 424.924+/-0.194 χ^2/NDF : 239515.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 446.420+/-0.135 χ^2/NDF : 503862.7/12

eigen_dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -21.640 $\pm$ 64.710 χ^2 /NDF: 6.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 9.370 $\pm$ 55.109 χ^2 /NDF: 10.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

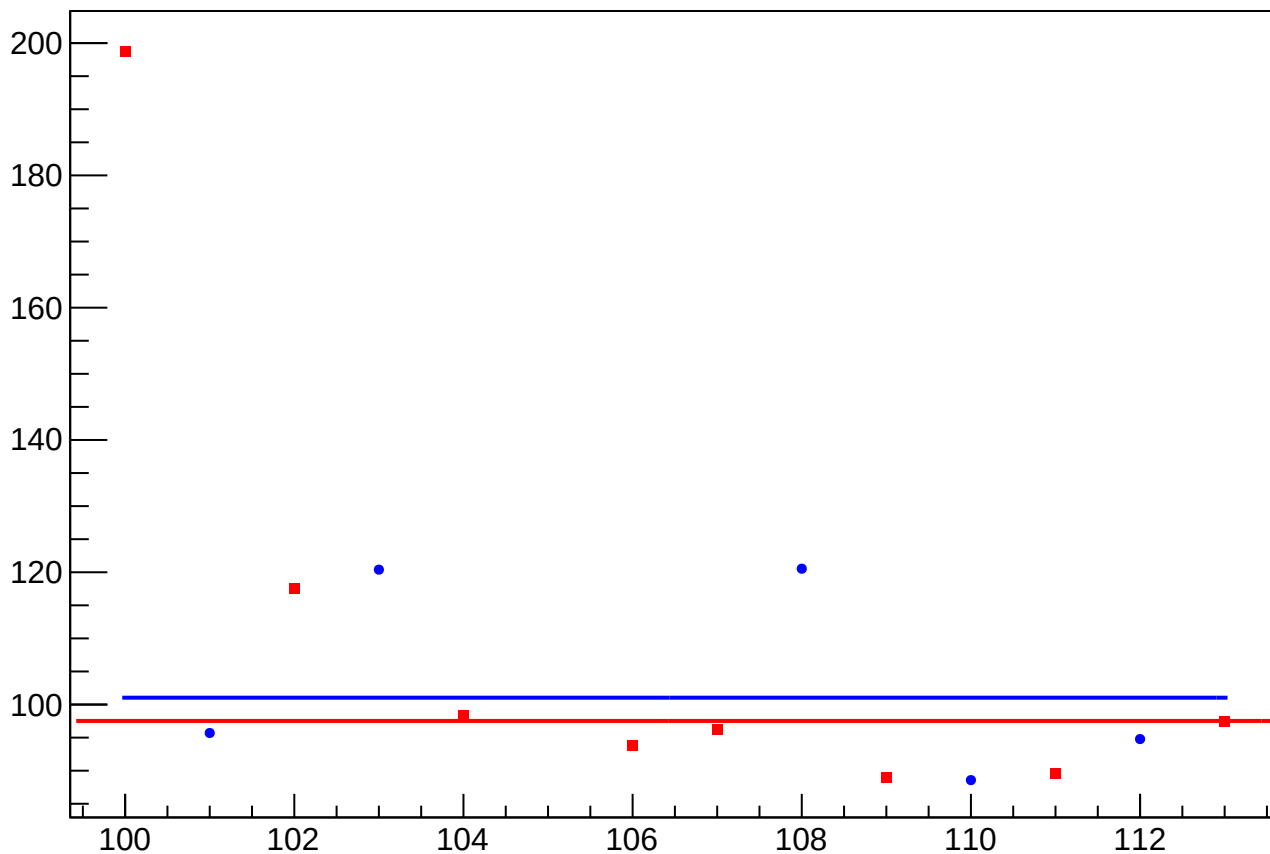
Right: -3.666 $\pm$ 41.956 χ^2 /NDF: 17.5/12

In: -21.640 $\pm$ 64.710 χ^2 /NDF:6.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -3.666 $\pm$ 41.956 χ^2 /NDF: 17.5/12

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: 97.523+/-0.039 χ^2/NDF : 92623.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

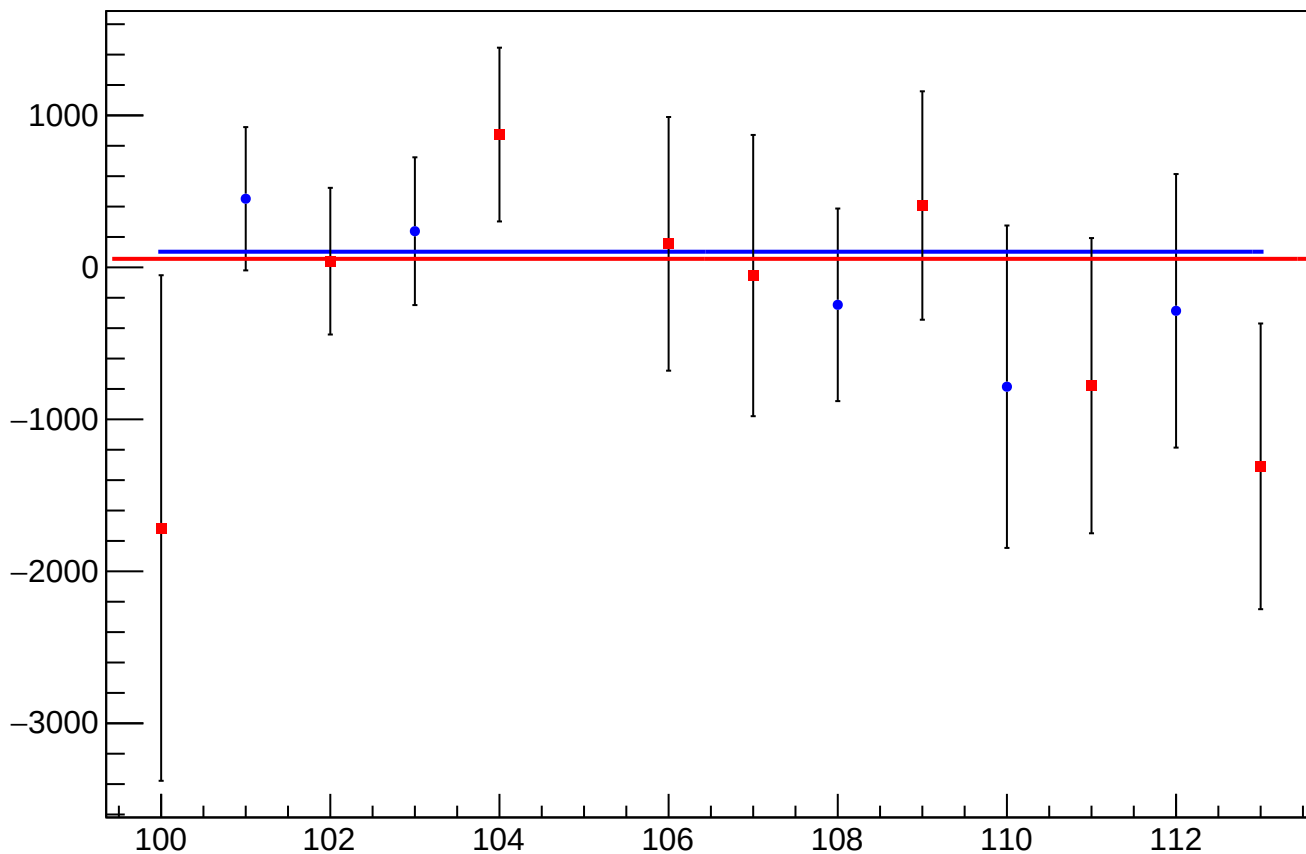
Right: 99.000+/-0.030 χ^2/NDF : 169111.3/12

In: 101.036+/-0.046 χ^2/NDF : 73071.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.000+/-0.030 χ^2/NDF : 169111.3/12

asym_sam6_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 102.991+/-273.743 χ^2/NDF : 1.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.124+/-264.616 χ^2/NDF : 6.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

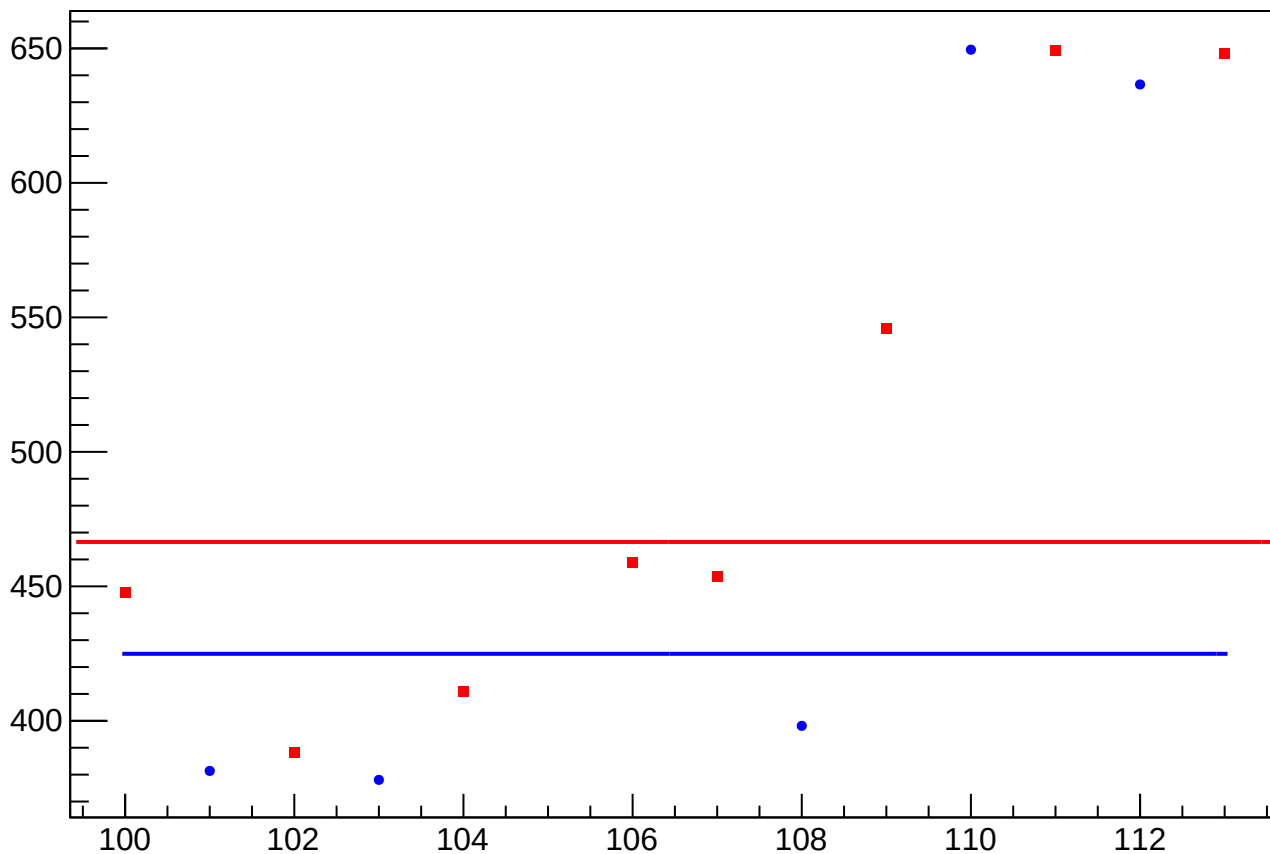
Right: 78.763+/-190.257 χ^2/NDF : 8.1/12

In: 102.991+/-273.743 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.763+/-190.257 χ^2/NDF : 8.1/12

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: 466.506+/-0.187 χ^2/NDF : 240491.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

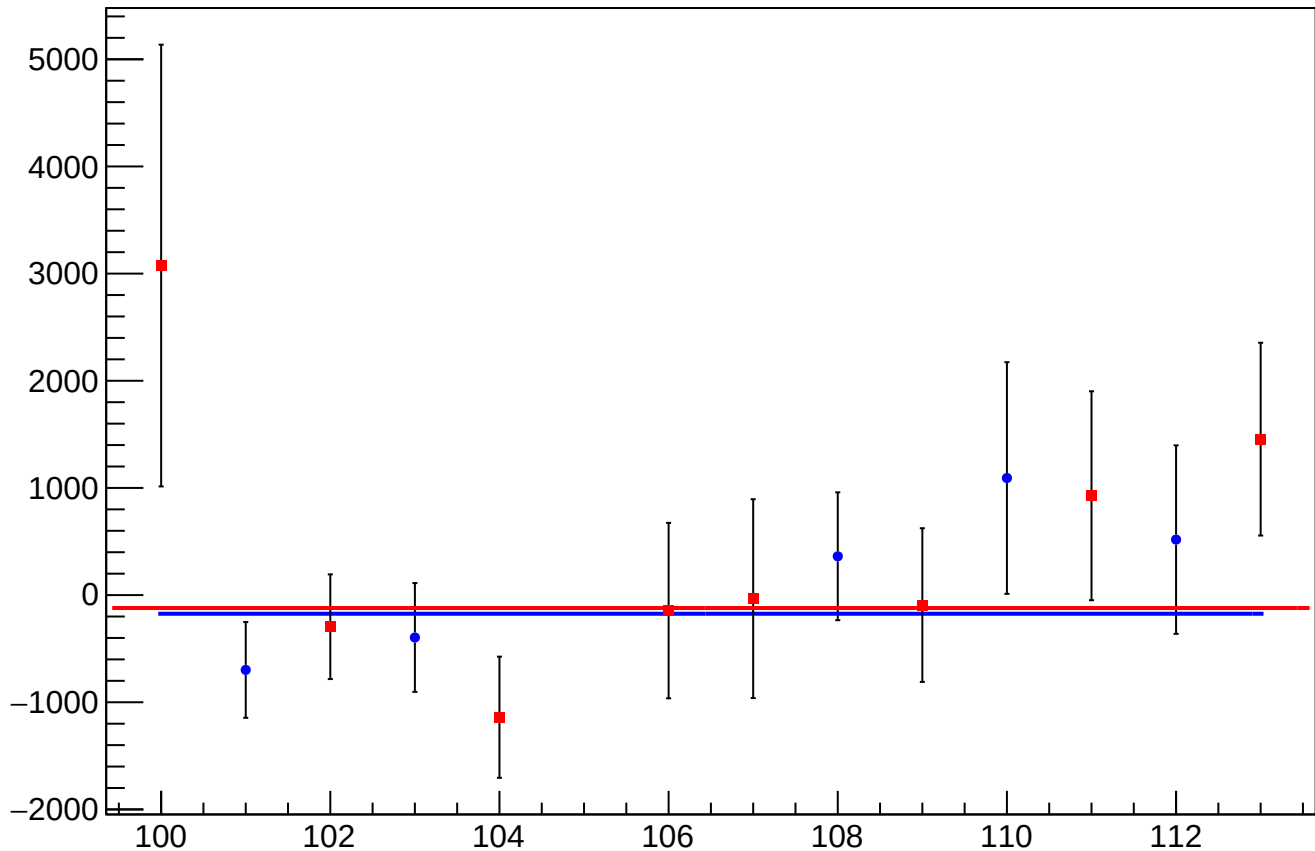
Right: 446.420+/-0.135 χ^2/NDF : 503865.4/12

In: 424.923+/-0.194 χ^2/NDF : 239517.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 446.420+/-0.135 χ^2/NDF : 503865.4/12

asym_sam6_mean vs Slug, Sign Corrected



Right In: -174.024 $\pm$ 268.733 χ^2 /NDF: 4.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -120.574 $\pm$ 263.117 χ^2 /NDF: 10.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

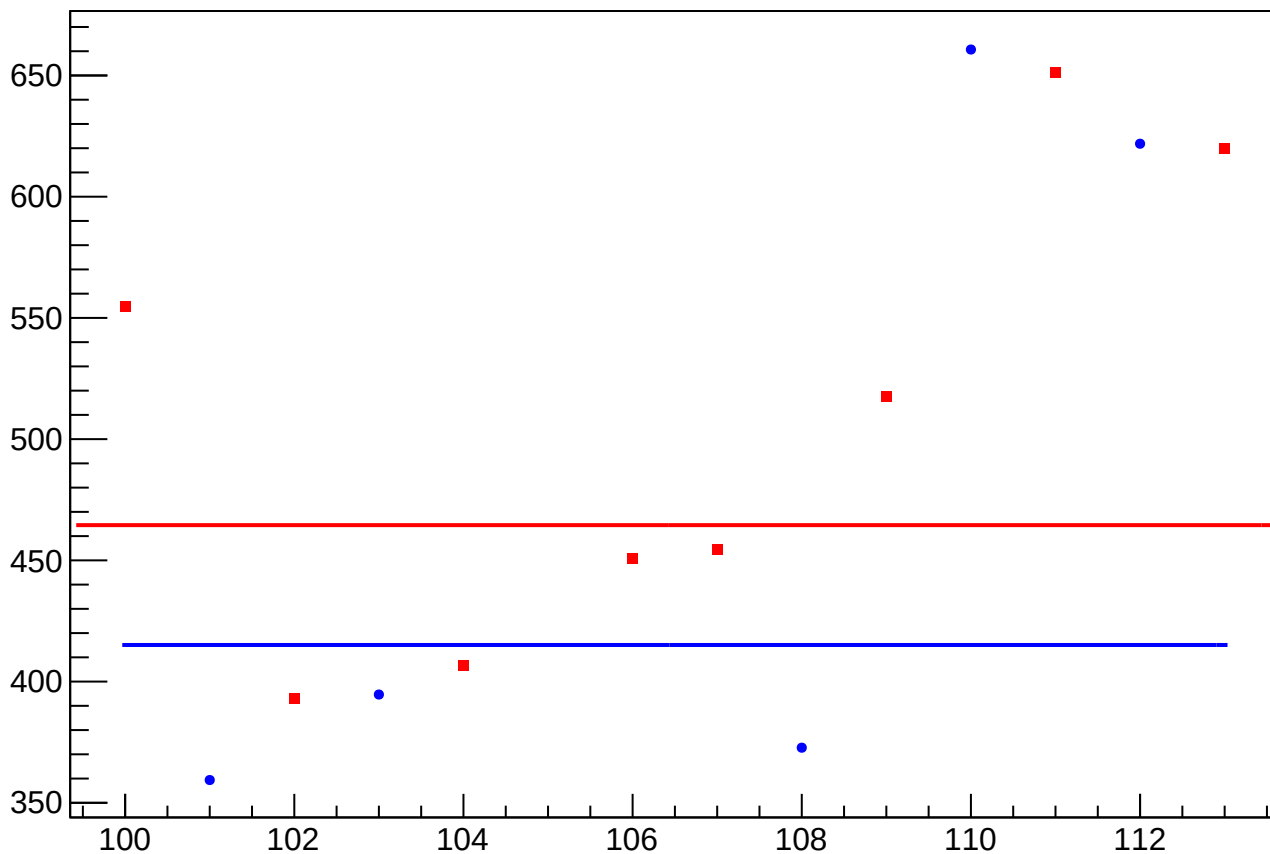
Right: -146.735 $\pm$ 188.006 χ^2 /NDF: 14.4/12

In: -174.024 $\pm$ 268.733 χ^2 /NDF:4.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -146.735 $\pm$ 188.006 χ^2 /NDF: 14.4/12

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: 464.528+/-0.186 χ^2/NDF : 212568.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

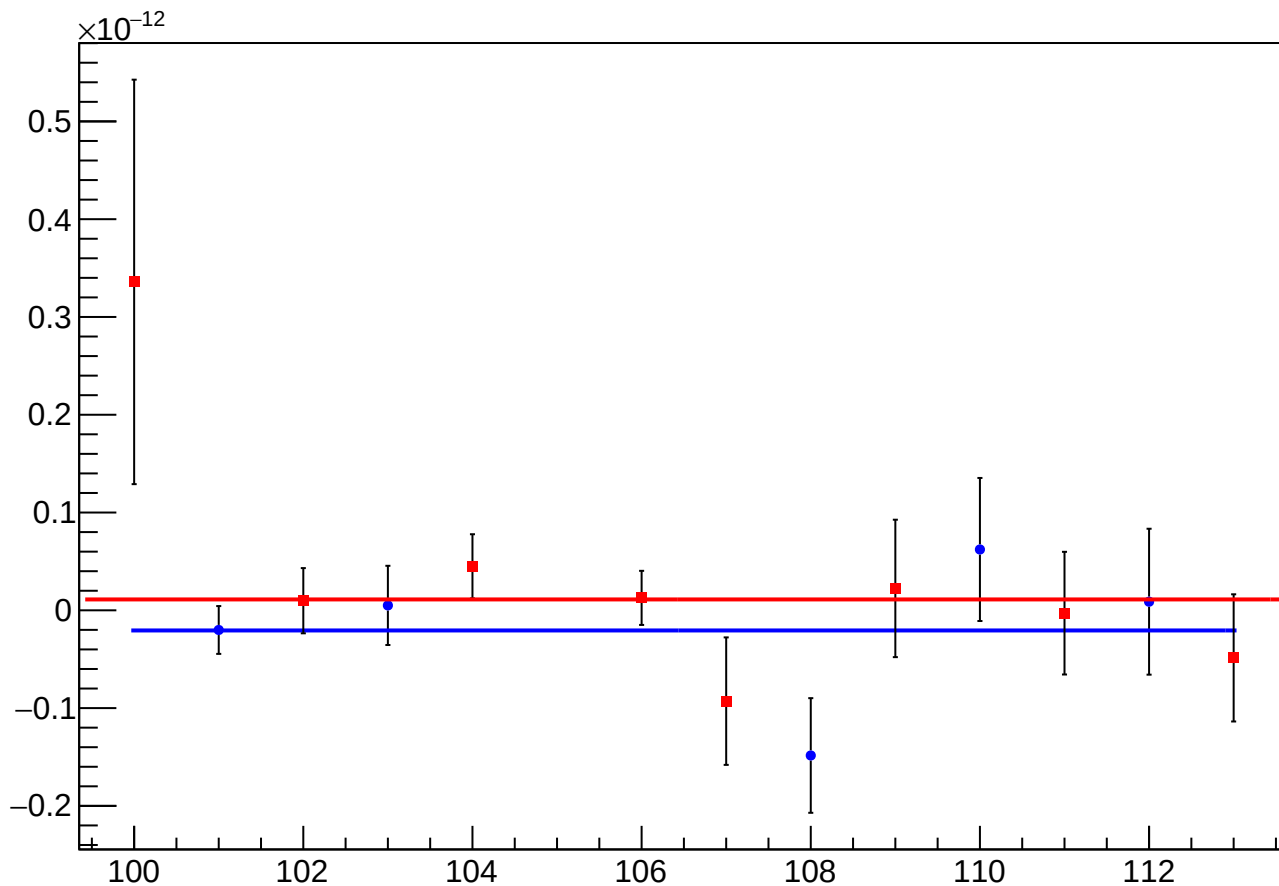
Right: 440.334+/-0.133 χ^2/NDF : 505265.4/12

In: 415.097+/-0.190 χ^2/NDF : 258147.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 440.334+/-0.133 χ^2/NDF : 505265.4/12

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 : 7.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

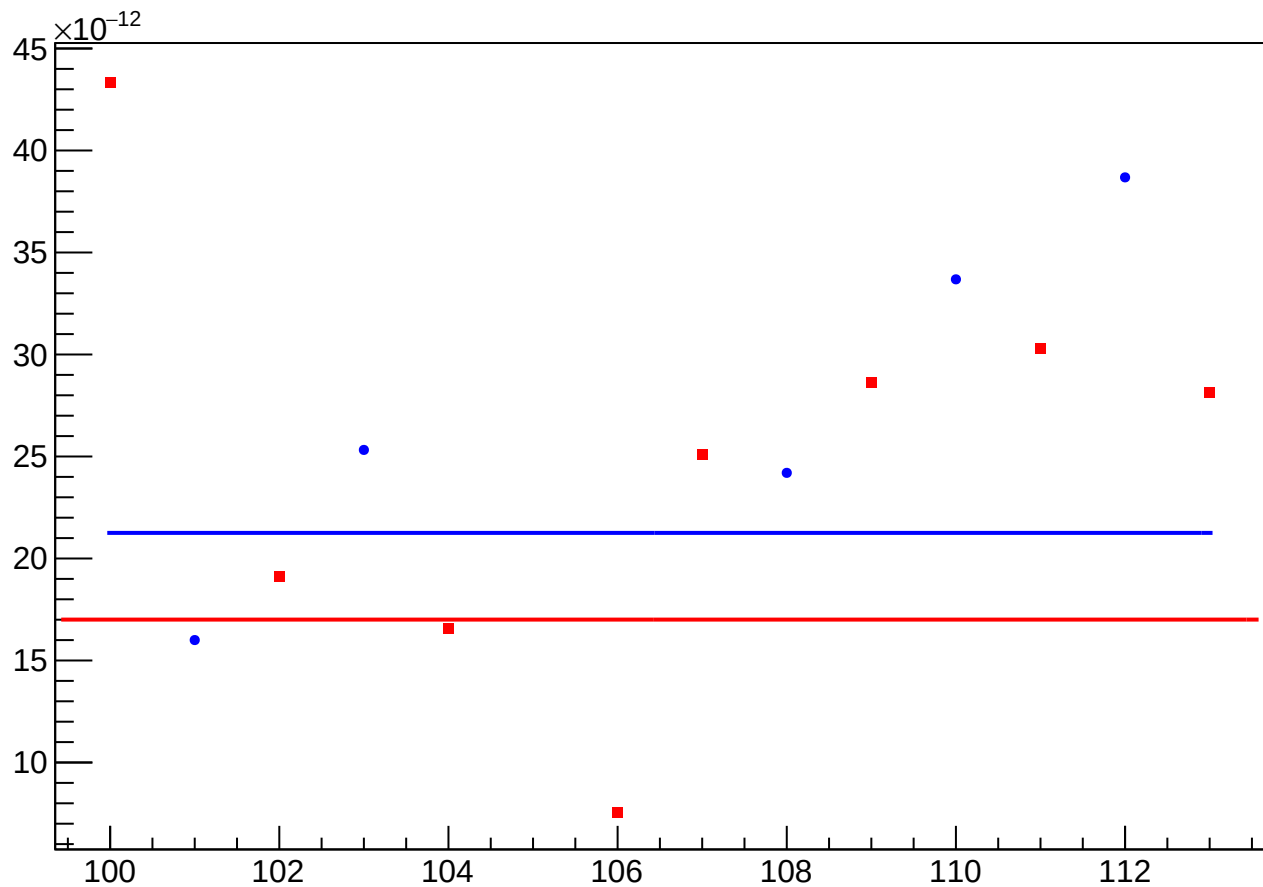
Right: -0.000+/-0.000 χ^2/NDF : 15.3/12

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 : 15.3/12

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 : 507542.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

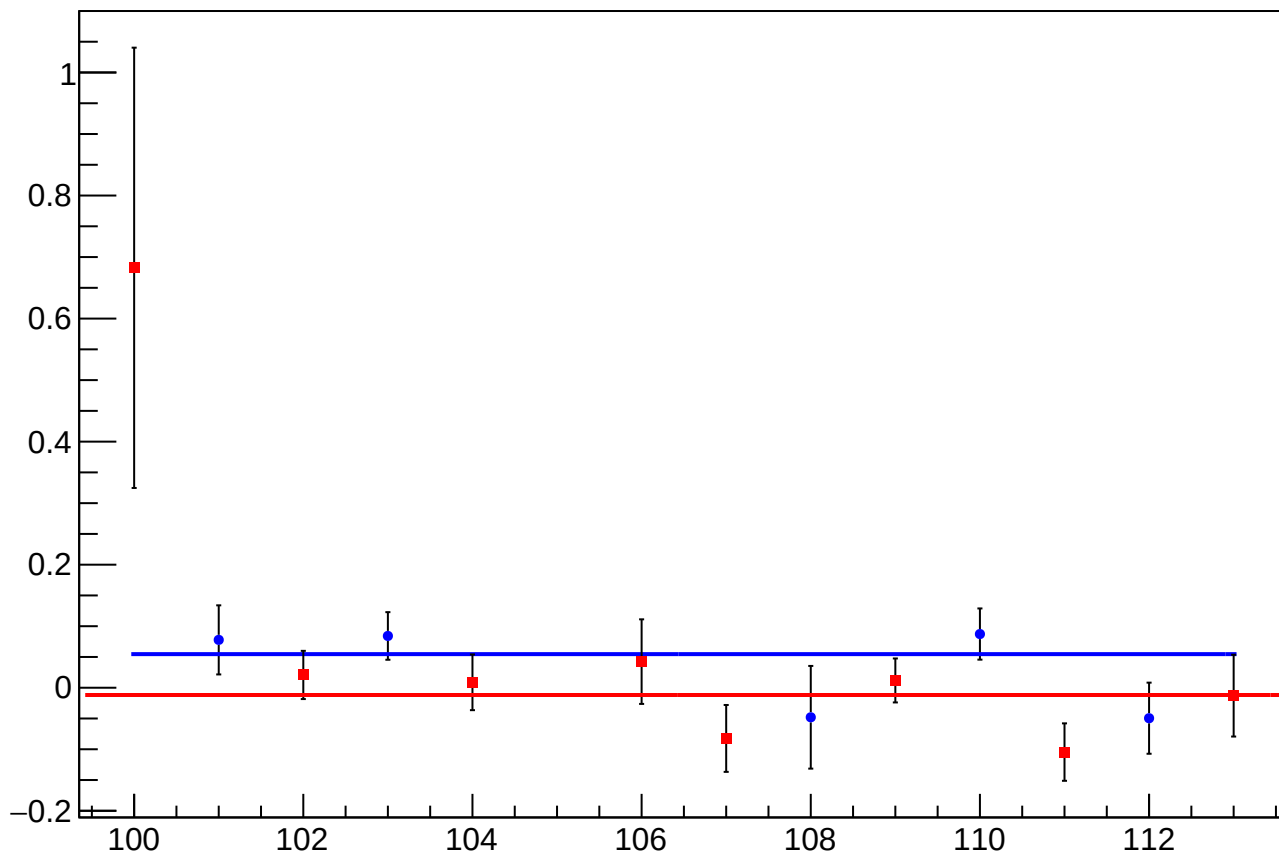
Right: 0.000+/-0.000 χ^2/NDF : 853743.5/12

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 : 853743.5/12

asym_sam6_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.055+/-0.022 χ^2/NDF : 6.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-0.018 χ^2/NDF : 11.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

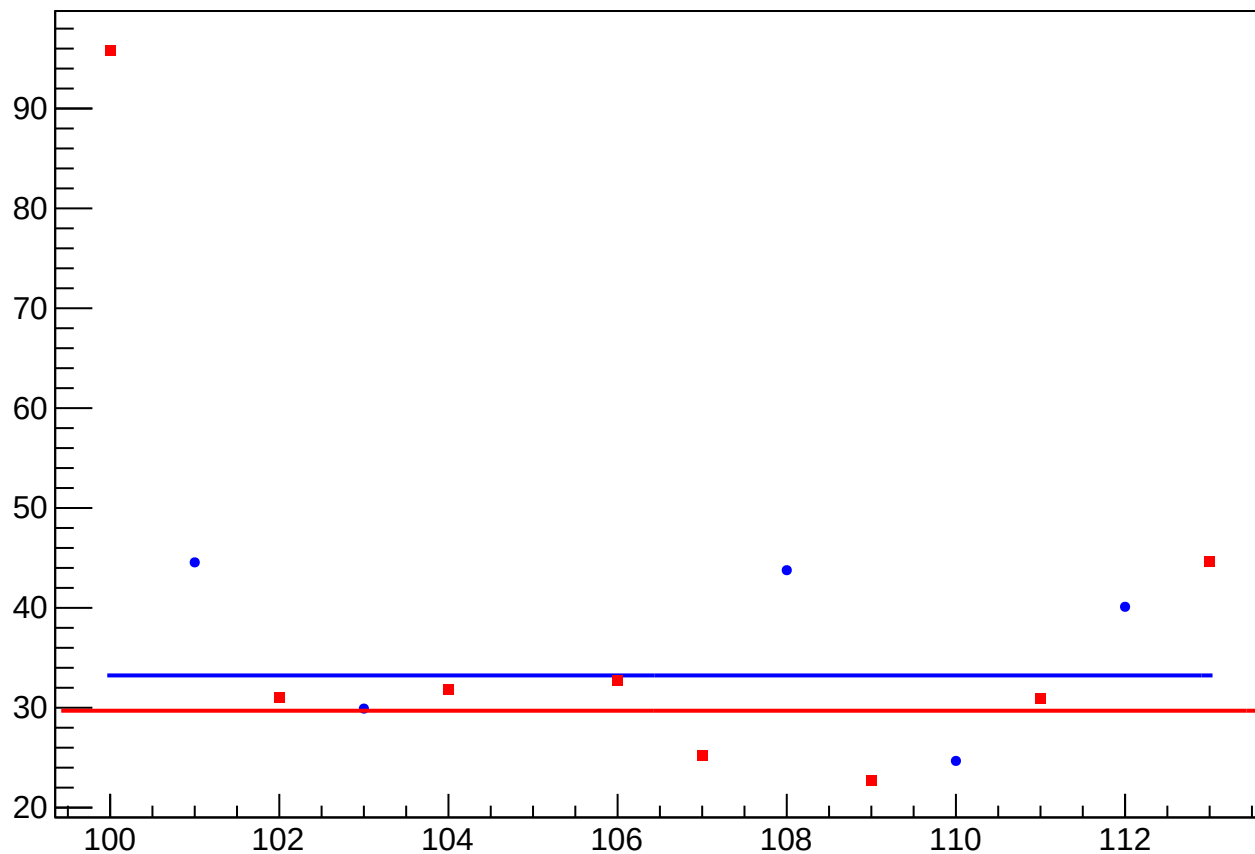
Right: 0.014+/-0.014 χ^2/NDF : 22.9/12

In: 0.055+/-0.022 χ^2/NDF : 6.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.014 χ^2/NDF : 22.9/12

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: 29.701+/-0.013 χ^2/NDF : 271132.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

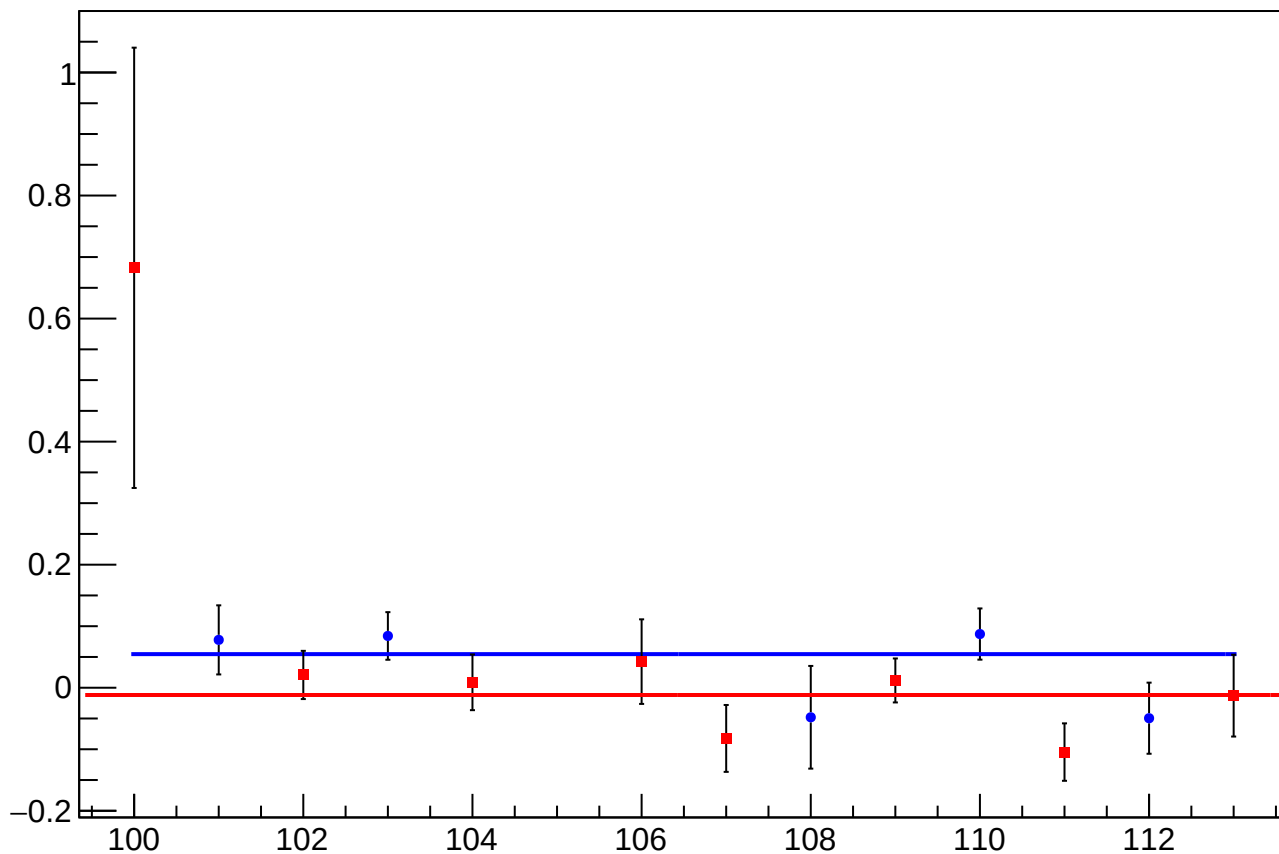
Right: 31.072+/-0.010 χ^2/NDF : 542608.0/12

In: 33.235+/-0.016 χ^2/NDF : 240804.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.072+/-0.010 χ^2/NDF : 542608.0/12

asym_sam6_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.055+/-0.022 χ^2/NDF : 6.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-0.018 χ^2/NDF : 11.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

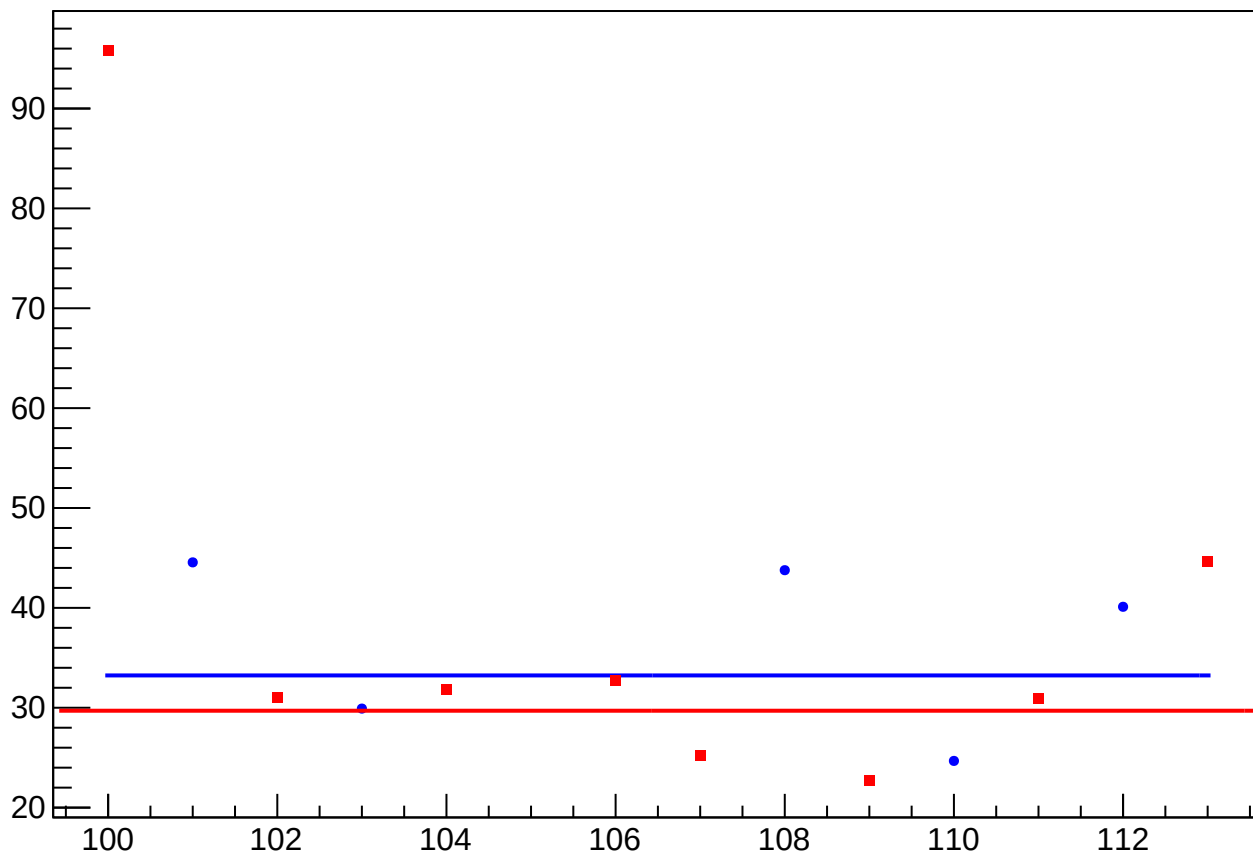
Right: 0.014+/-0.014 χ^2/NDF : 22.9/12

In: 0.055+/-0.022 χ^2/NDF : 6.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.014 χ^2/NDF : 22.9/12

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: 29.701+/-0.013 χ^2/NDF : 271132.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

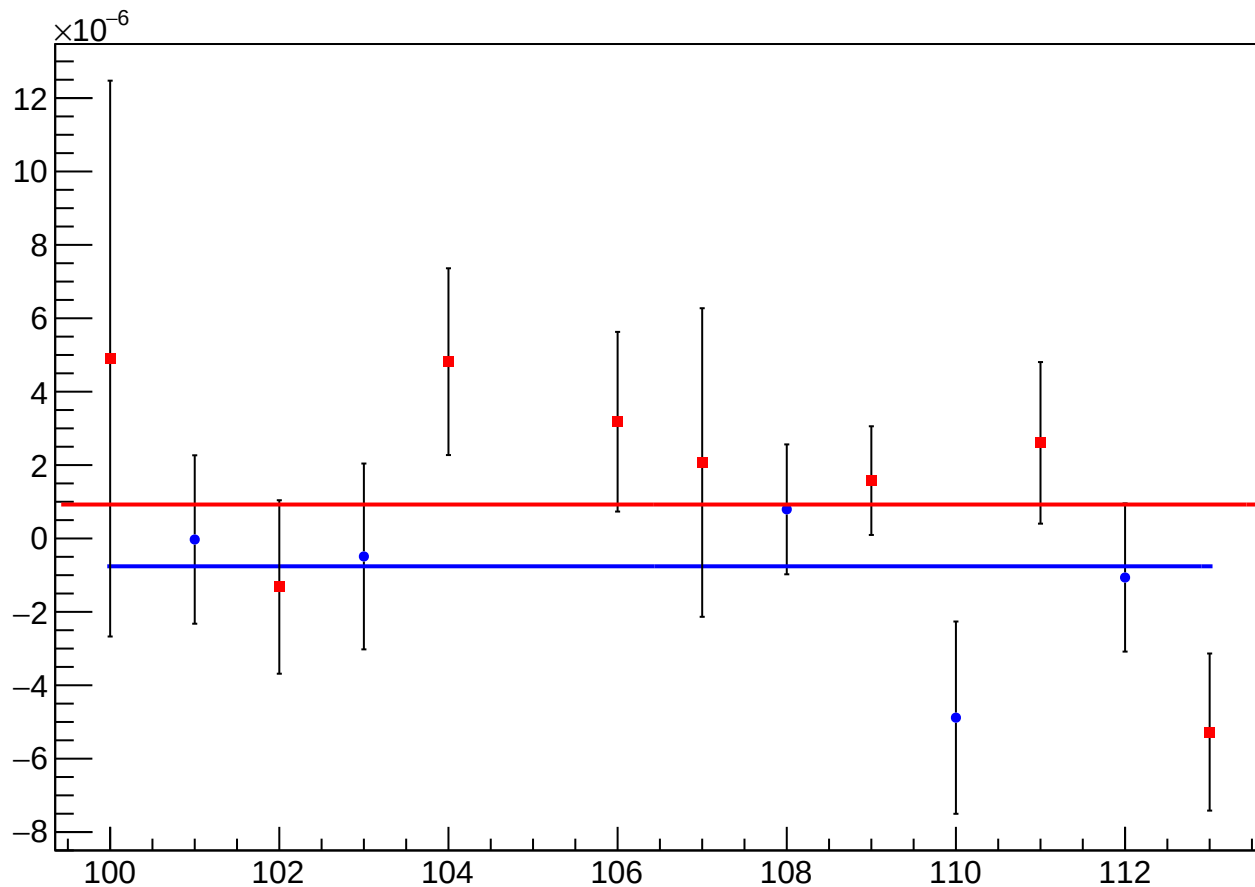
Right: 31.072+/-0.010 χ^2/NDF : 542608.0/12

In: 33.235+/-0.016 χ^2/NDF :240804.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 31.072+/-0.010 χ^2/NDF : 542608.0/12

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 : 13.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

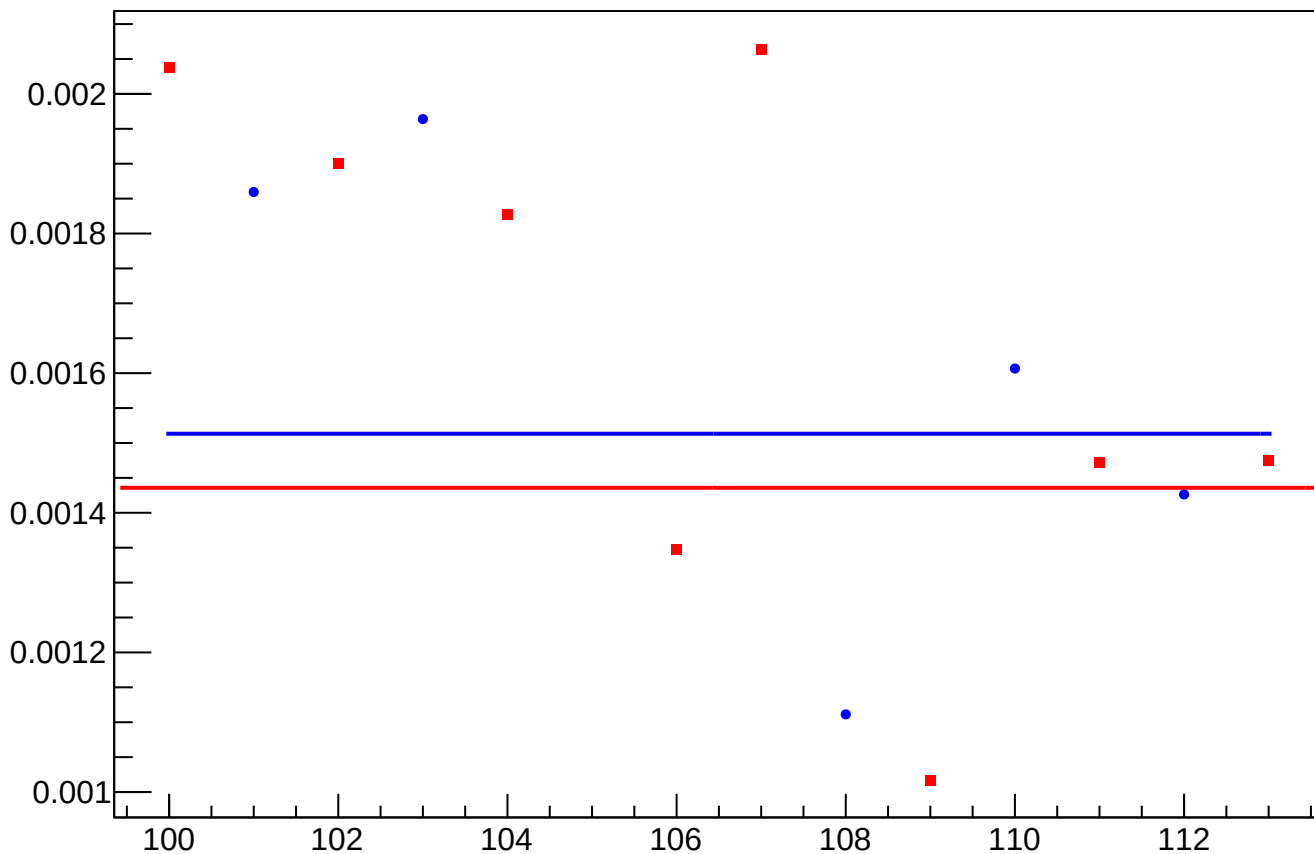
Right: 0.000+/-0.000 χ^2/NDF : 18.7/12

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 : 18.7/12

asym_sam6_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 218330.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.000 χ^2 /NDF: 345600.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

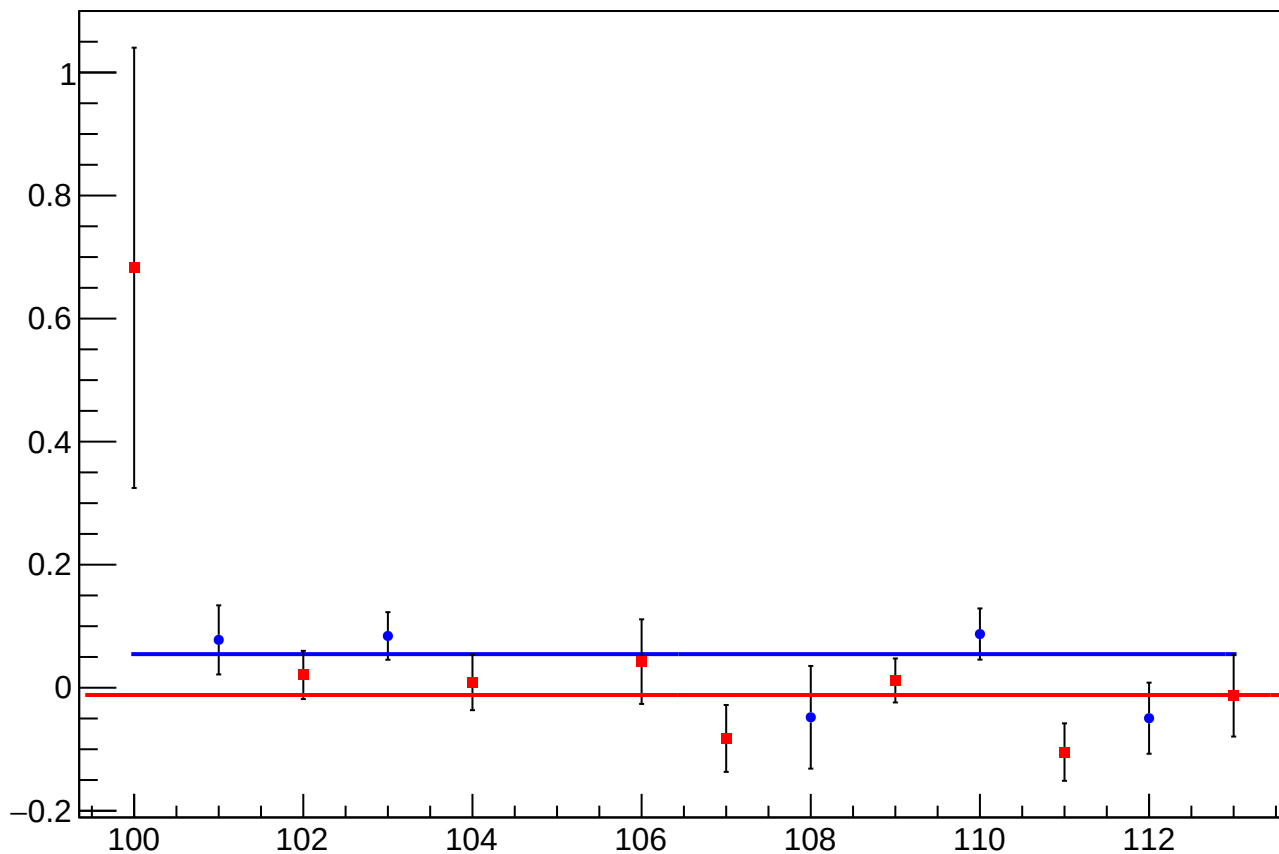
Right: 0.001 $\pm$ 0.000 χ^2 /NDF: 571252.0/12

In: 0.002 $\pm$ 0.000 χ^2 /NDF:218330.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.000 χ^2 /NDF: 571252.0/12

asym_sam6_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.055+/-0.022 χ^2/NDF : 6.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-0.018 χ^2/NDF : 11.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

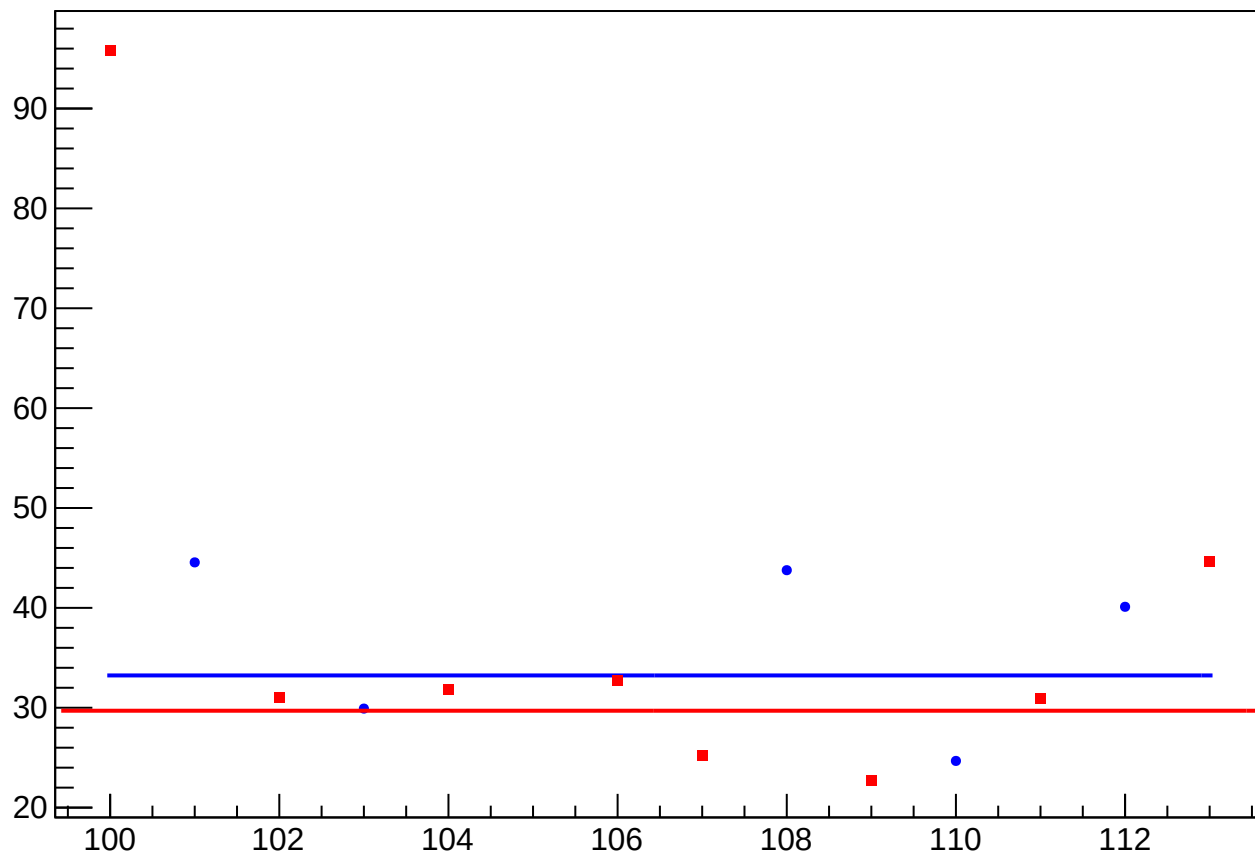
Right: 0.014+/-0.014 χ^2/NDF : 22.9/12

In: 0.055+/-0.022 χ^2/NDF : 6.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.014 χ^2/NDF : 22.9/12

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: 29.701+/-0.013 χ^2/NDF : 271134.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

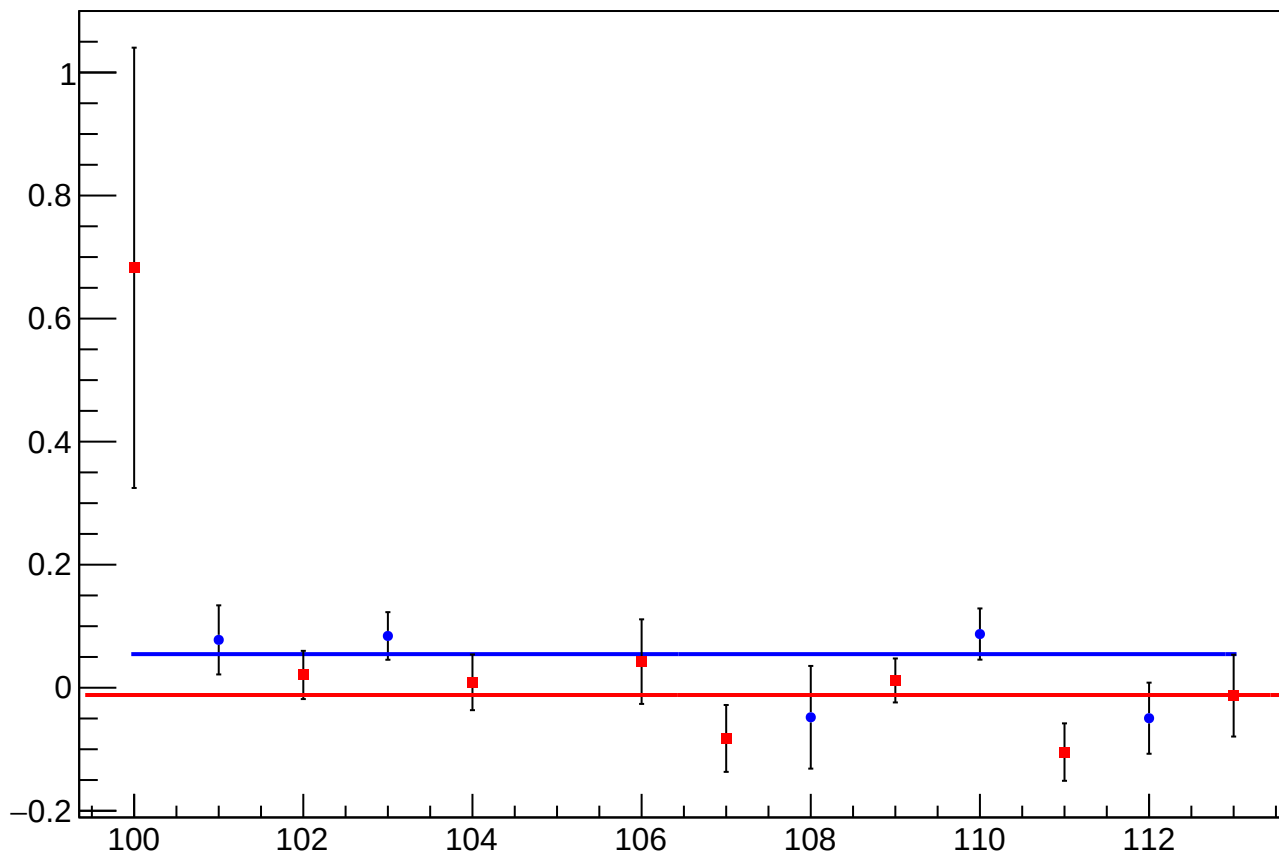
Right: 31.071+/-0.010 χ^2/NDF : 542606.2/12

In: 33.235+/-0.016 χ^2/NDF : 240803.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.071+/-0.010 χ^2/NDF : 542606.2/12

asym_sam6_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.055+/-0.022 χ^2/NDF : 6.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-0.018 χ^2/NDF : 11.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

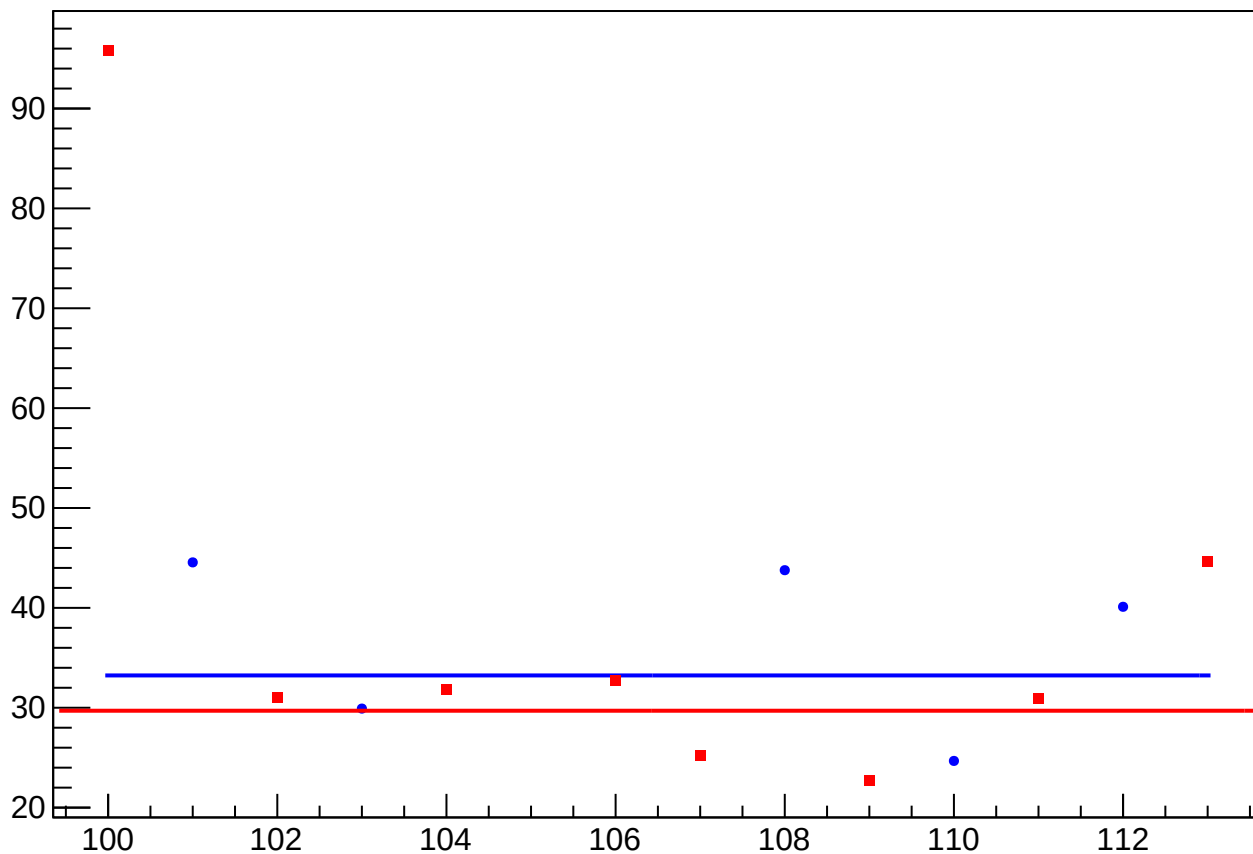
Right: 0.014+/-0.014 χ^2/NDF : 22.9/12

In: 0.055+/-0.022 χ^2/NDF : 6.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.014 χ^2/NDF : 22.9/12

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: 29.701+/-0.013 χ^2/NDF : 271134.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

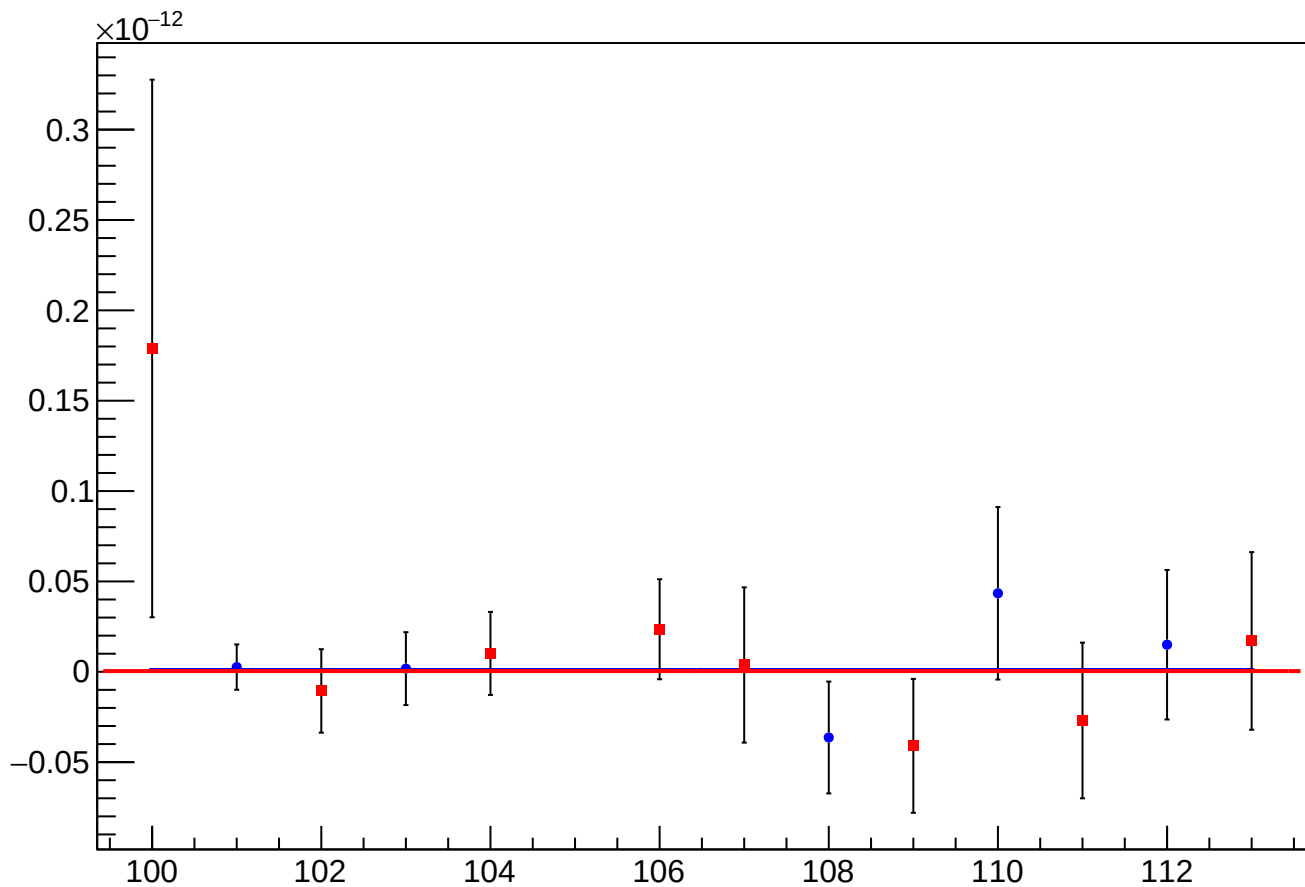
Right: 31.071+/-0.010 χ^2/NDF : 542606.2/12

In: 33.235+/-0.016 χ^2/NDF : 240803.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.071+/-0.010 χ^2/NDF : 542606.2/12

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 : 4.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

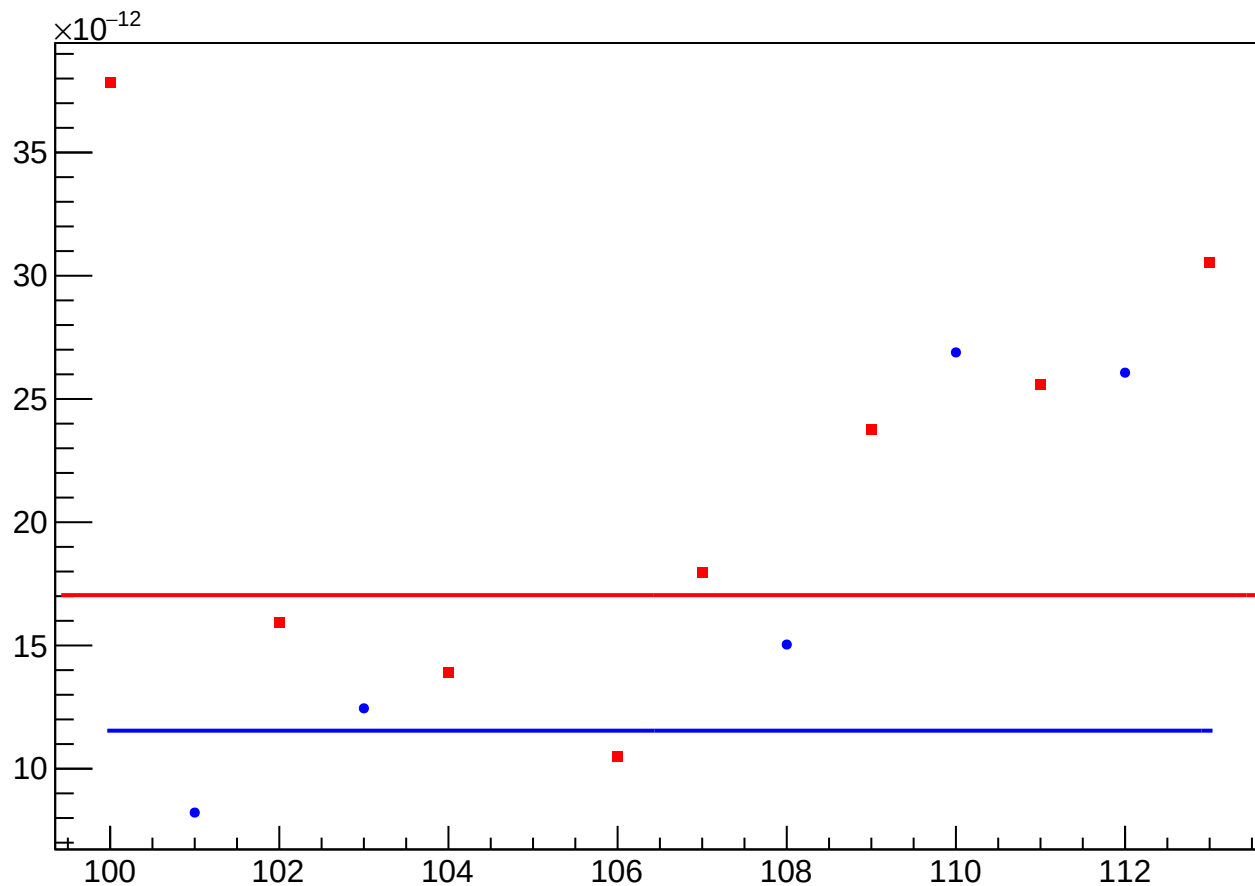
Right: 0.000+/-0.000 χ^2/NDF : 6.7/12

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 : 6.7/12

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 : 489136.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

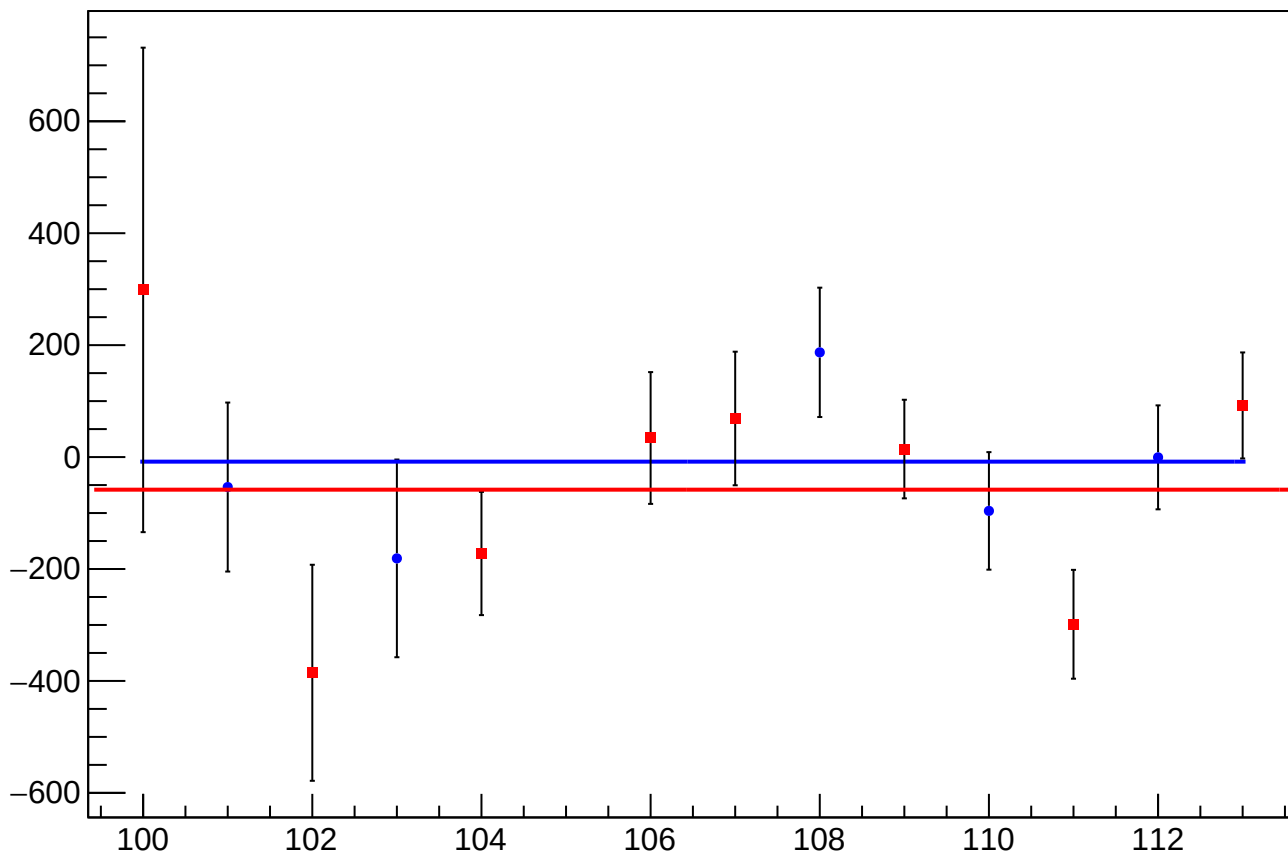
Right: 0.000+/-0.000 χ^2/NDF : 1377394.5/12

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 : 1377394.5/12

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: -58.250+/-40.718 χ^2/NDF : 15.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

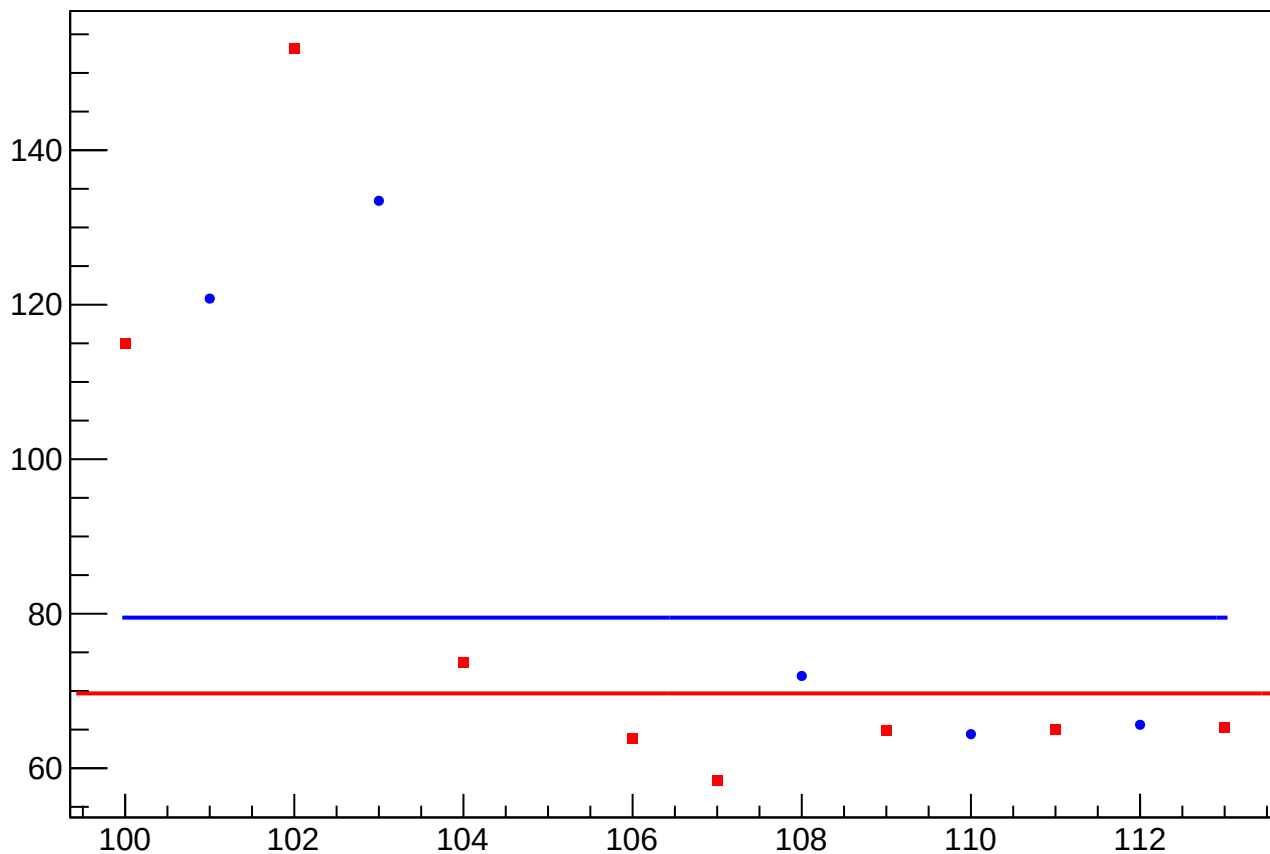
Right: -39.617+/-32.265 χ^2/NDF : 20.9/12

In: -8.172+/-52.896 χ^2/NDF : 4.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.617+/-32.265 χ^2/NDF : 20.9/12

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: 69.686+/-0.029 χ^2/NDF : 435785.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

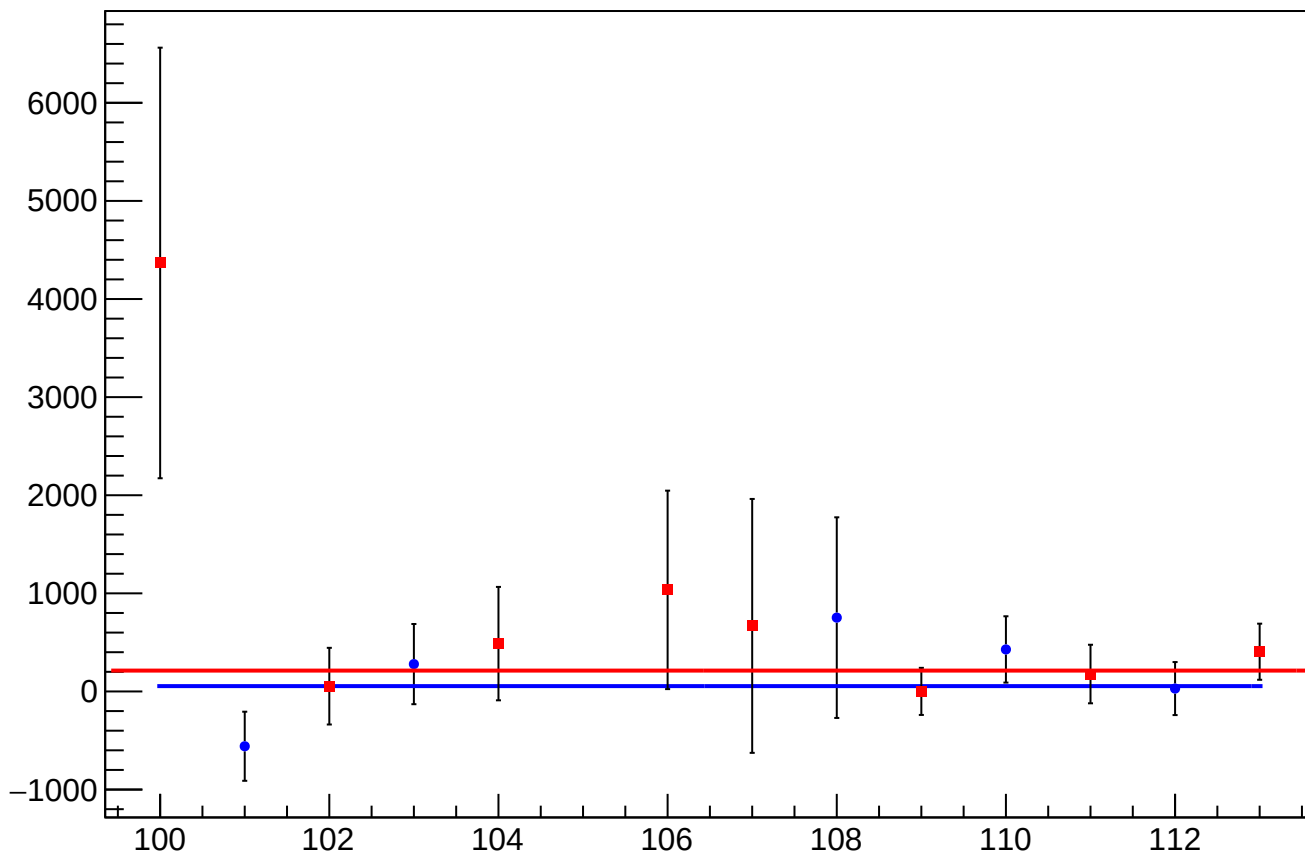
Right: 73.336+/-0.023 χ^2/NDF : 909628.7/12

In: 79.495+/-0.037 χ^2/NDF : 430660.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.336+/-0.023 χ^2/NDF : 909628.7/12

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: 212.653+/-138.499 χ^2/NDF : 6.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

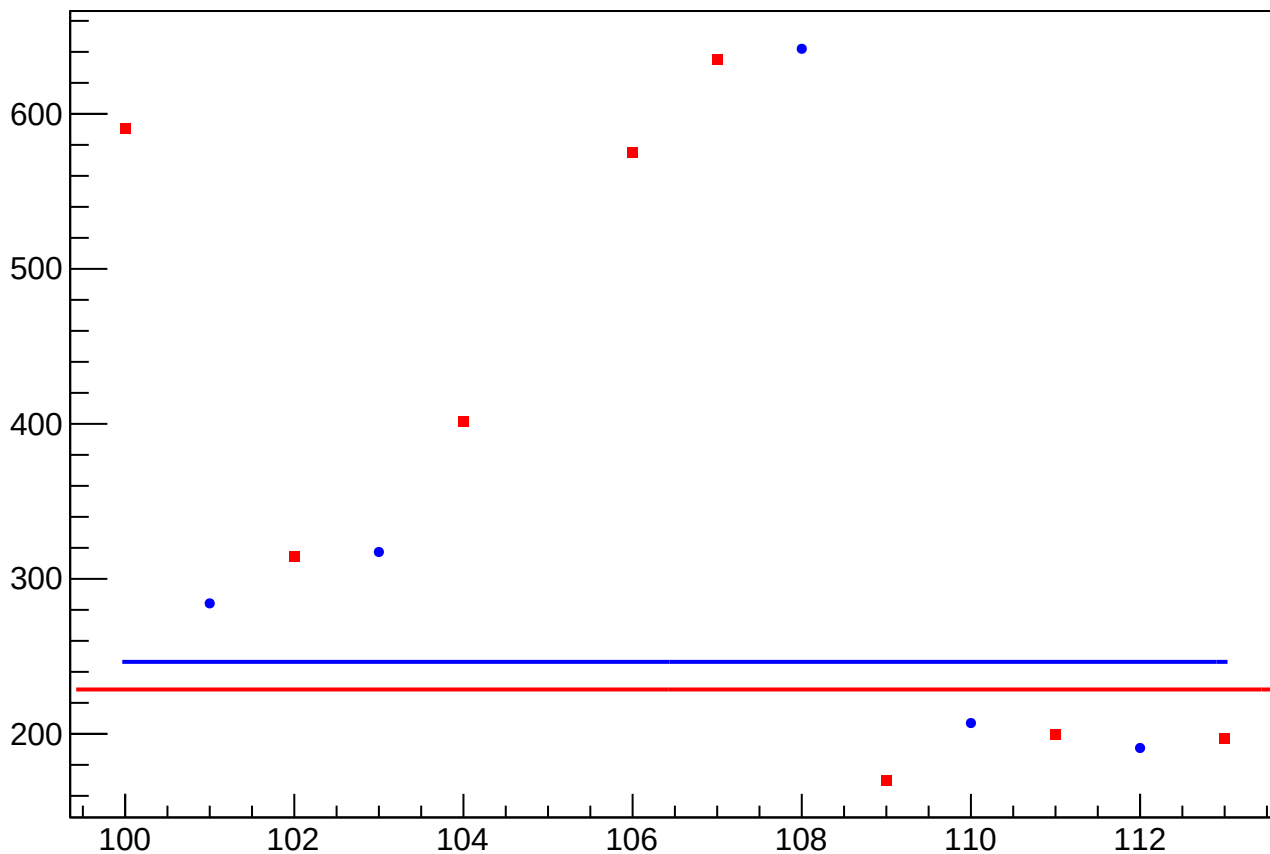
Right: 146.489+/-105.648 χ^2/NDF : 11.6/12

In: 54.410+/-163.386 χ^2/NDF : 5.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 146.489+/-105.648 χ^2/NDF : 11.6/12

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: 228.637+/-0.098 χ^2/NDF : 924671.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

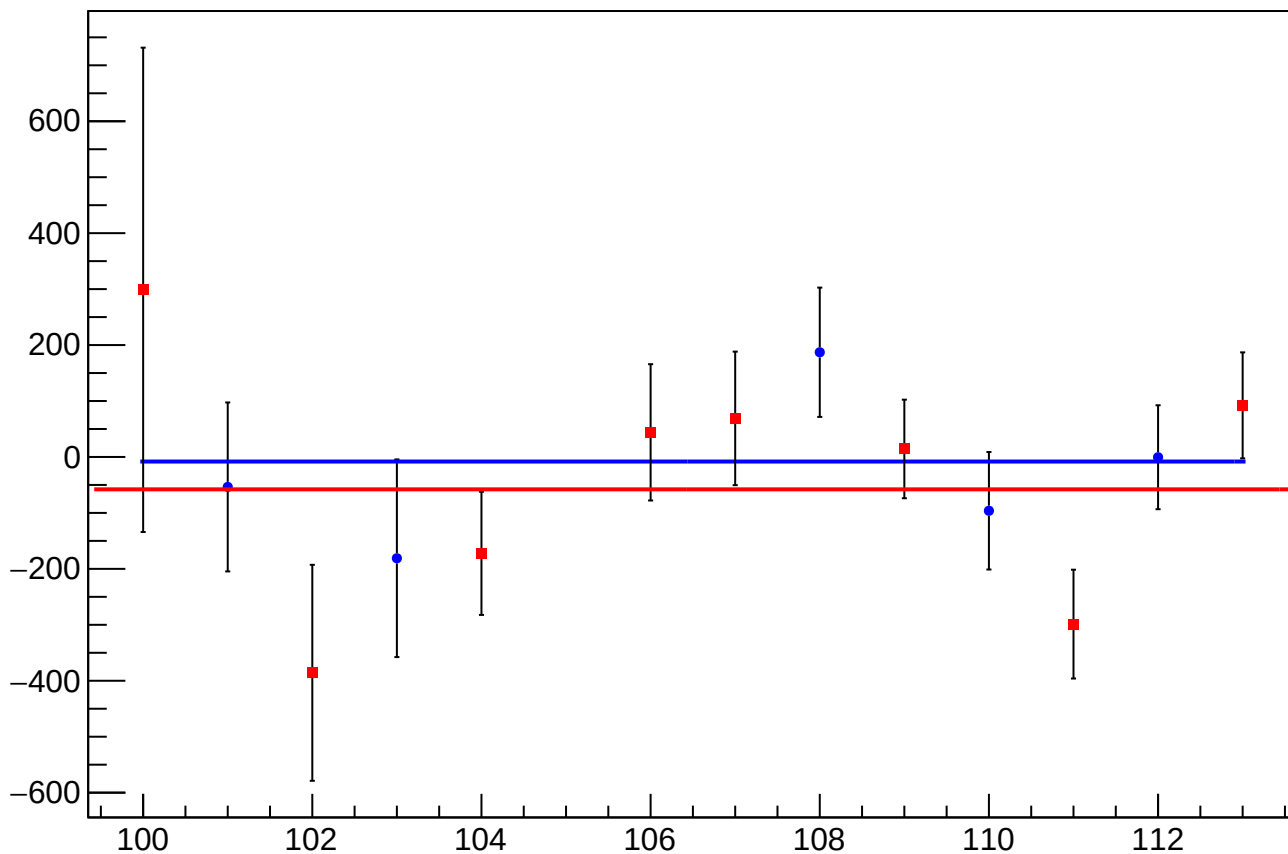
Right: 236.087+/-0.075 χ^2/NDF : 1432755.1/12

In: 246.455+/-0.116 χ^2/NDF : 494244.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 236.087+/-0.075 χ^2/NDF : 1432755.1/12

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: -57.875+/-40.879 χ^2/NDF : 15.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

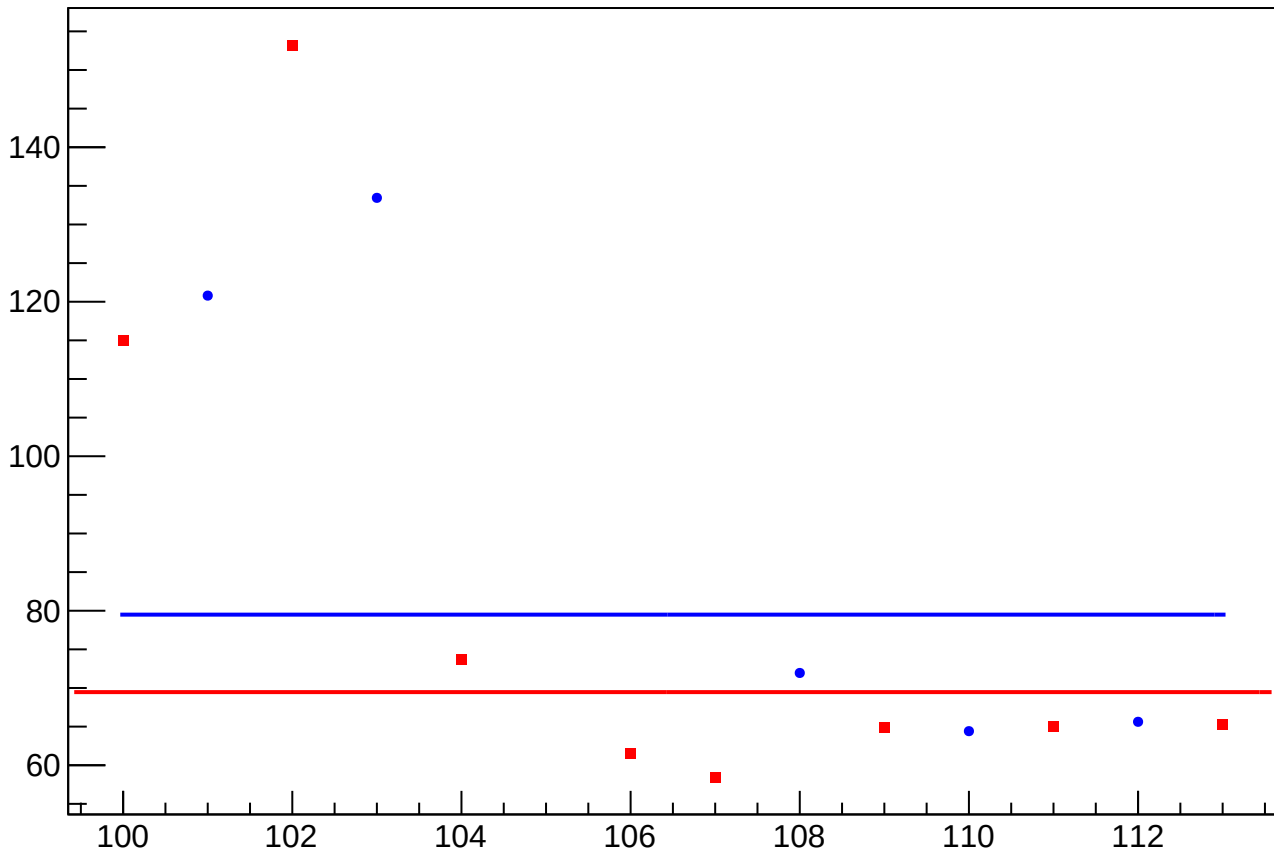
Right: -39.290+/-32.345 χ^2/NDF : 21.0/12

In: -8.173+/-52.896 χ^2/NDF : 4.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.290+/-32.345 χ^2/NDF : 21.0/12

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: 69.466+/-0.029 χ^2/NDF : 439861.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

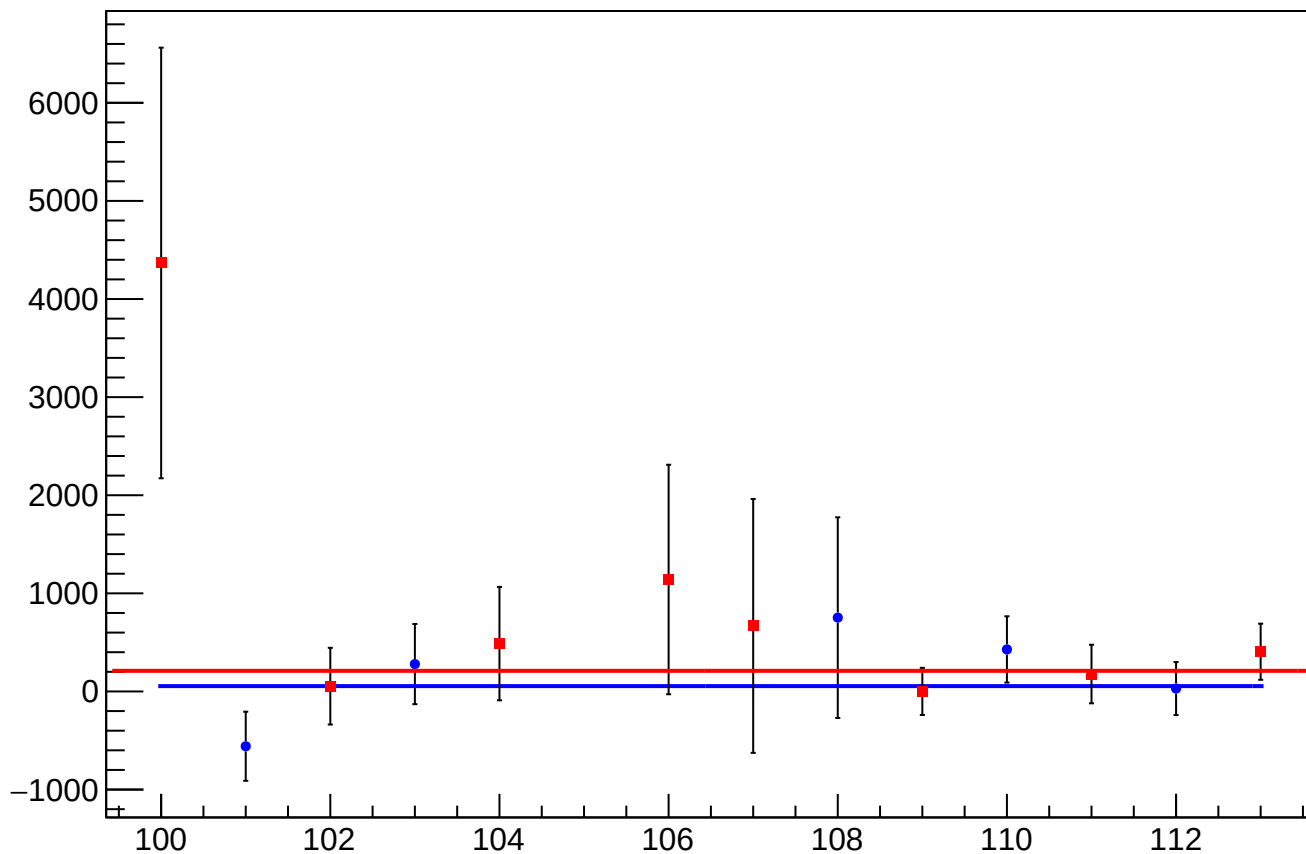
Right: 73.216+/-0.023 χ^2/NDF : 915533.1/12

In: 79.495+/-0.037 χ^2/NDF : 430660.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.216+/-0.023 χ^2/NDF : 915533.1/12

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: 210.242+/-138.835 χ^2/NDF : 6.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

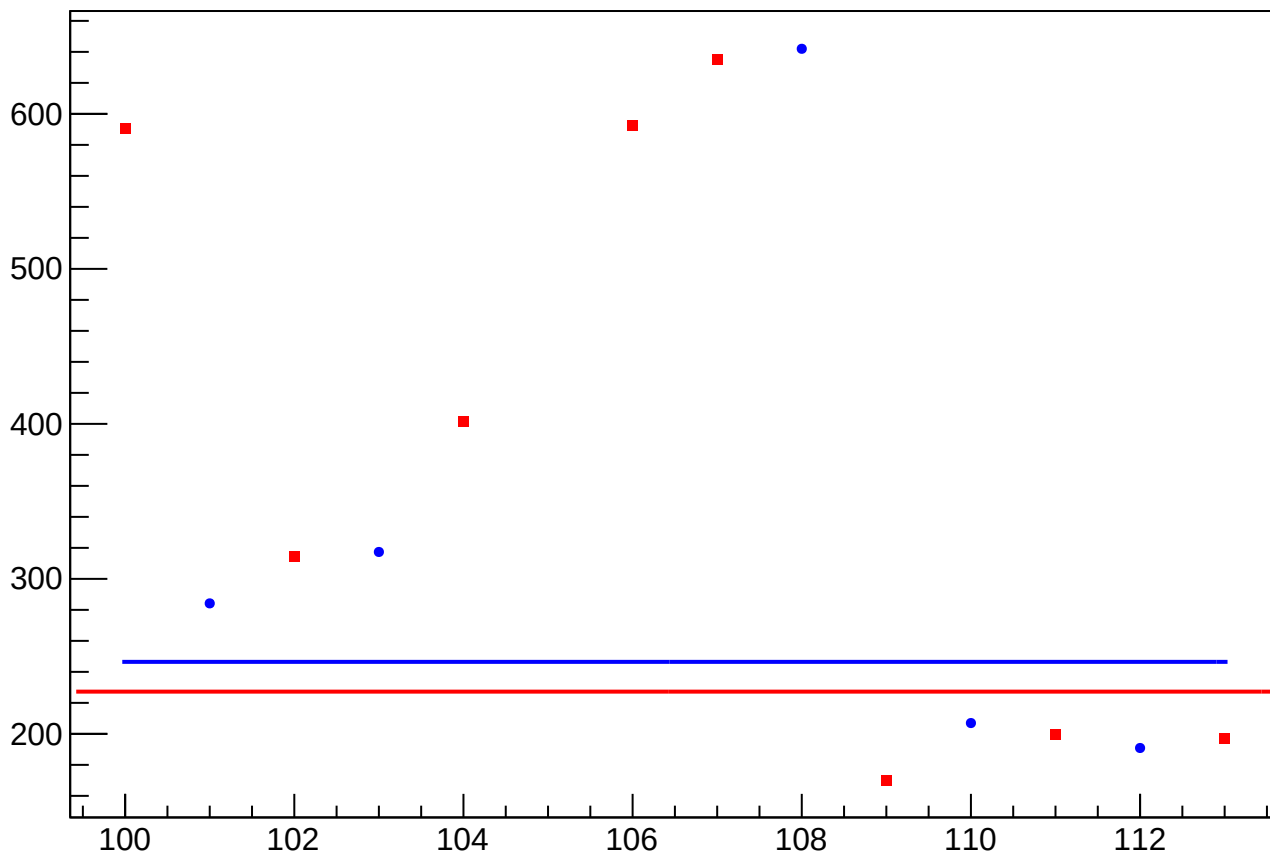
Right: 144.906+/-105.798 χ^2/NDF : 11.5/12

In: 54.418+/-163.388 χ^2/NDF : 5.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.906+/-105.798 χ^2/NDF : 11.5/12

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: 227.251+/-0.098 χ^2/NDF : 884098.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

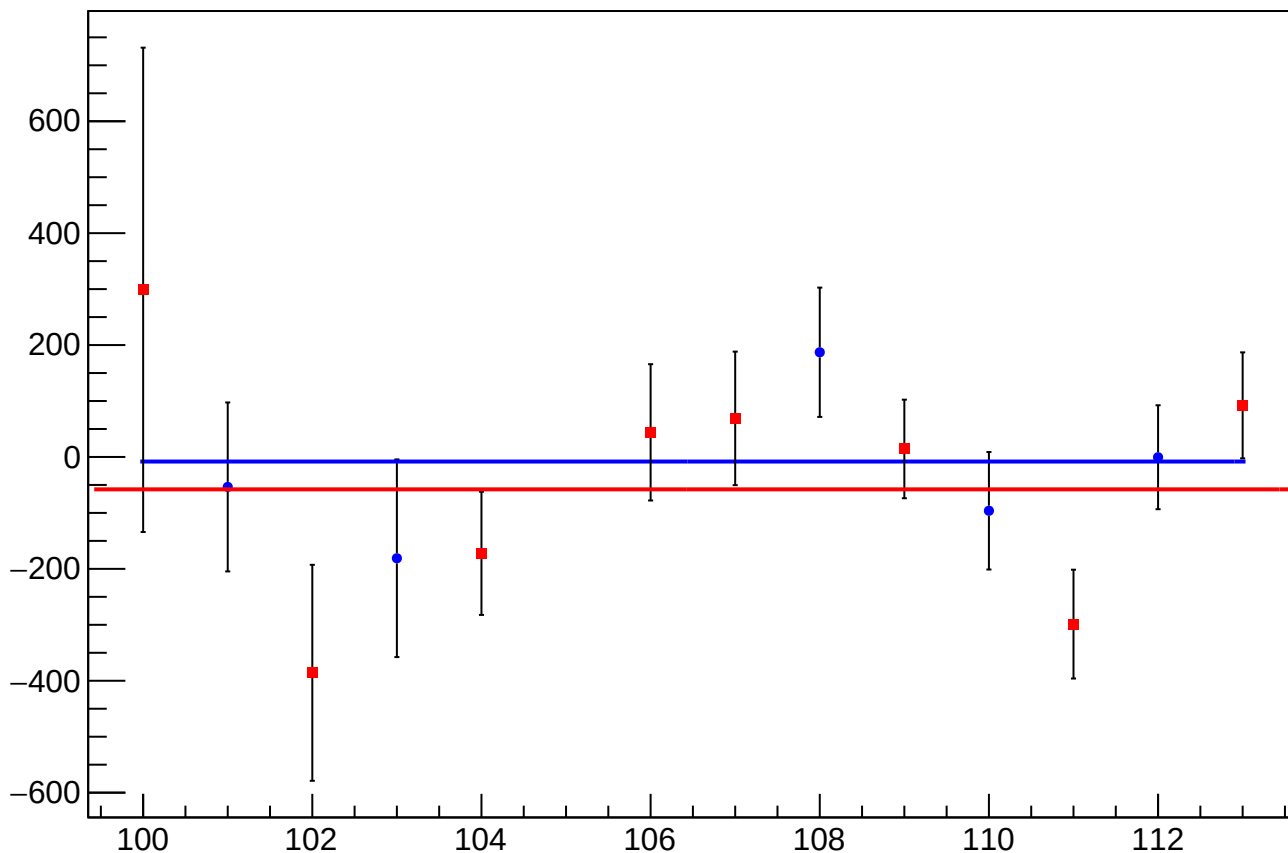
Right: 235.304+/-0.075 χ^2/NDF : 1394417.5/12

In: 246.457+/-0.116 χ^2/NDF : 494271.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 235.304+/-0.075 χ^2/NDF : 1394417.5/12

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: -57.875+/-40.879 χ^2/NDF : 15.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

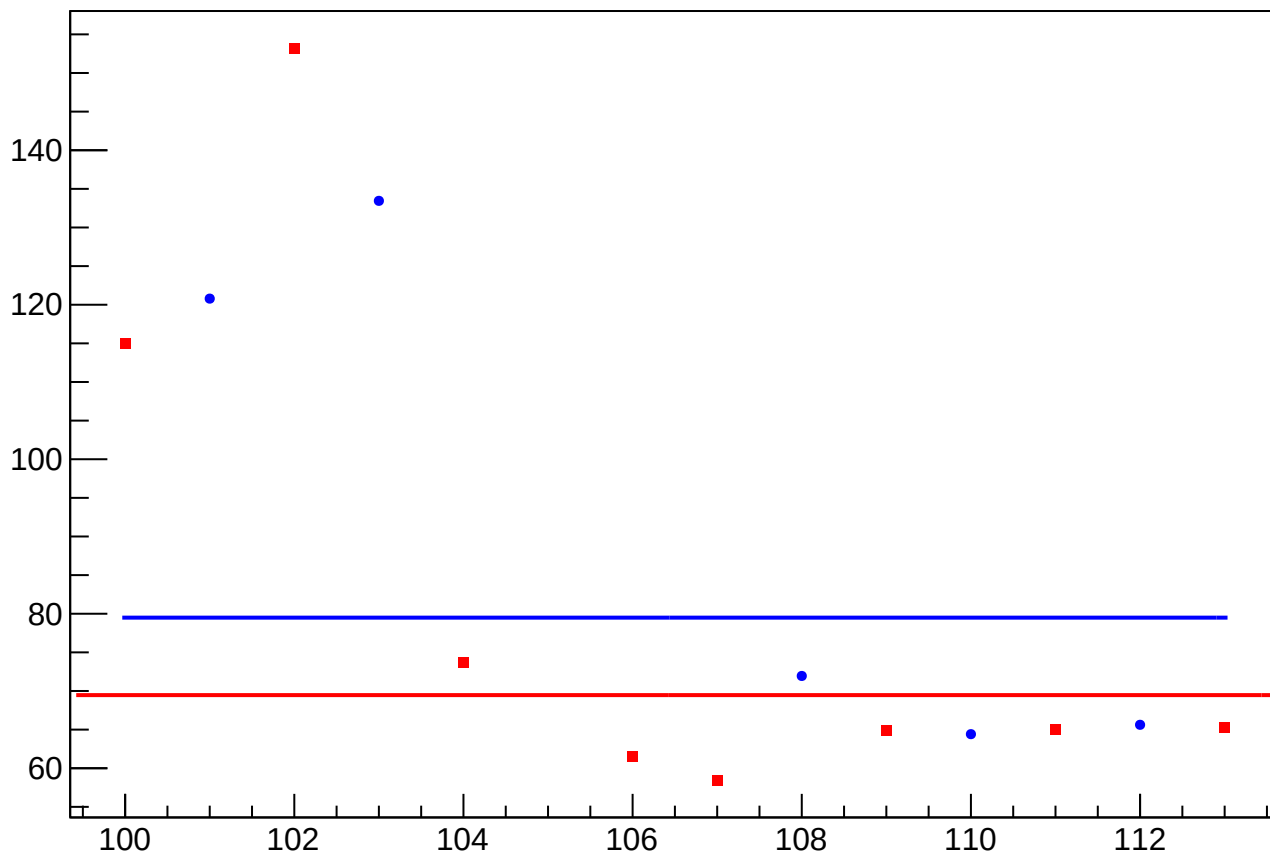
Right: -39.290+/-32.345 χ^2/NDF : 21.0/12

In: -8.173+/-52.896 χ^2/NDF : 4.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.290+/-32.345 χ^2/NDF : 21.0/12

eigen_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: 69.466+/-0.029 χ^2/NDF : 439861.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

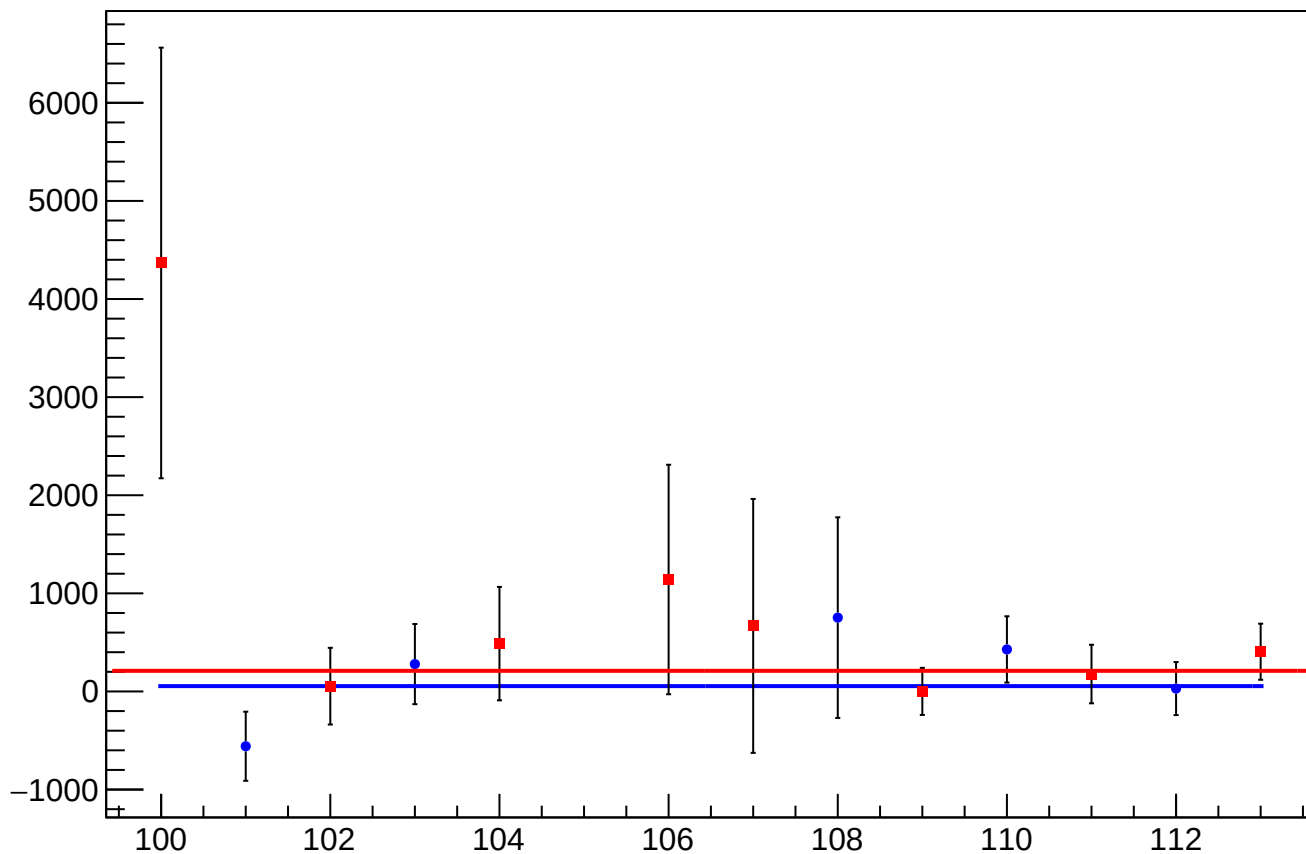
Right: 73.216+/-0.023 χ^2/NDF : 915533.1/12

In: 79.495+/-0.037 χ^2/NDF : 430660.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.216+/-0.023 χ^2/NDF : 915533.1/12

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: 210.242+/-138.835 χ^2/NDF : 6.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

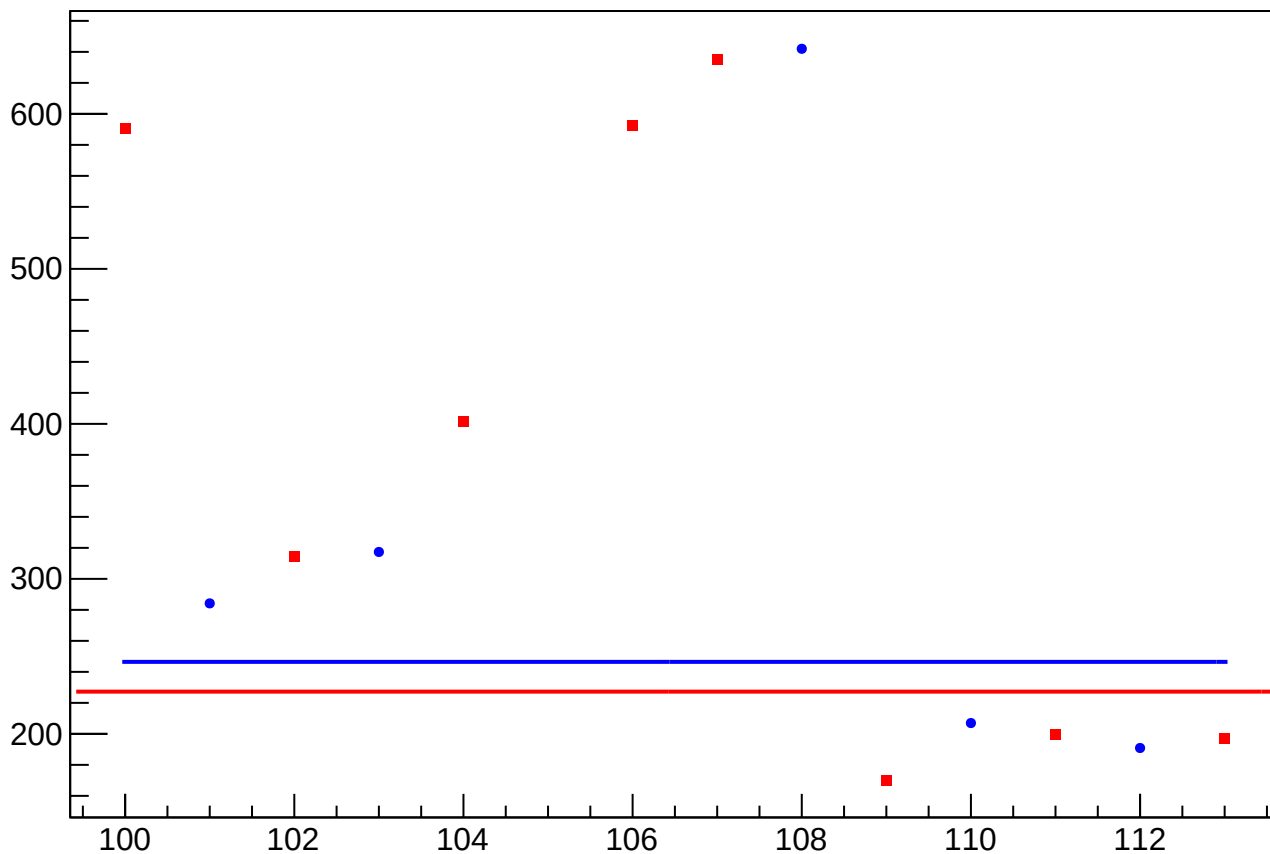
Right: 144.906+/-105.798 χ^2/NDF : 11.5/12

In: 54.418+/-163.388 χ^2/NDF : 5.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.906+/-105.798 χ^2/NDF : 11.5/12

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: 227.251+/-0.098 χ^2/NDF : 884098.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

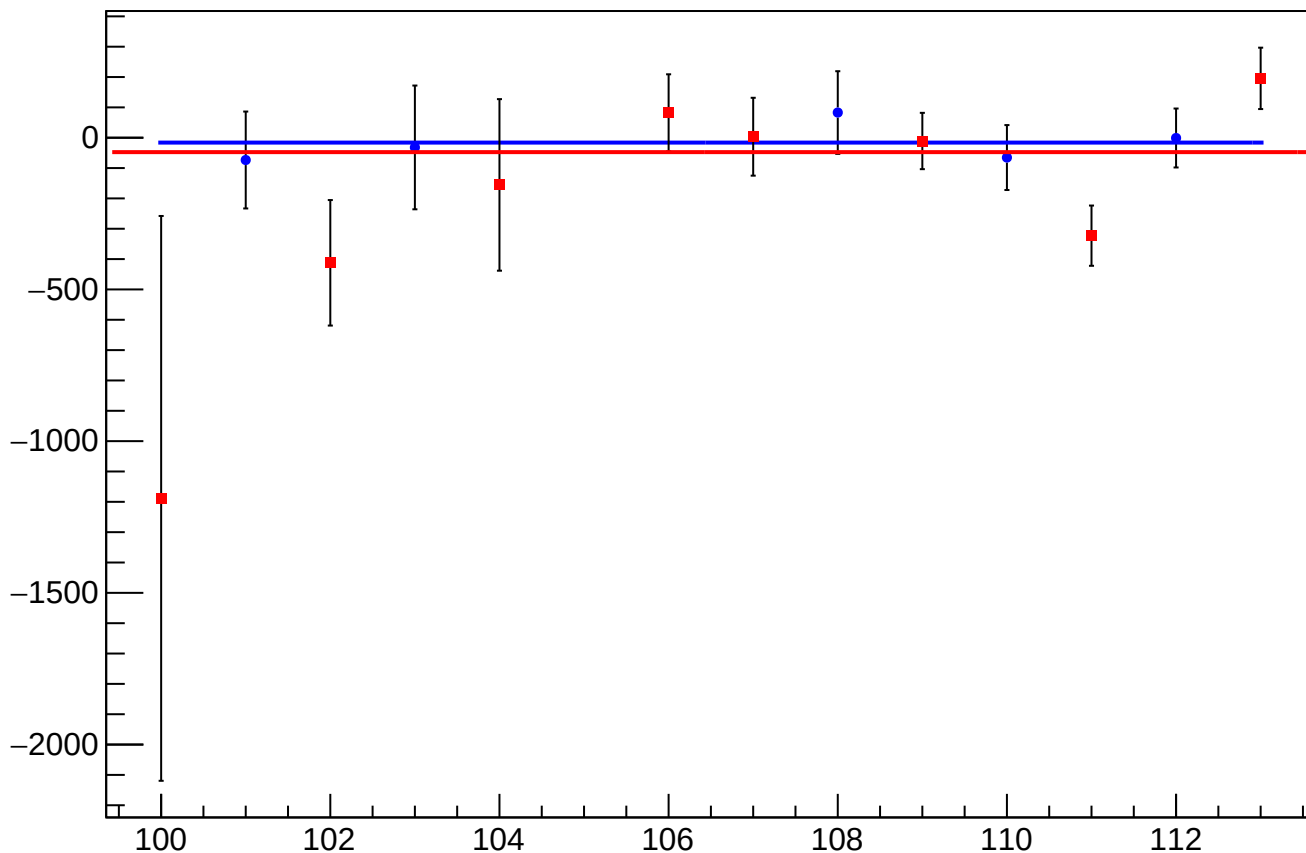
Right: 235.304+/-0.075 χ^2/NDF : 1394417.5/12

In: 246.457+/-0.116 χ^2/NDF : 494271.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 235.304+/-0.075 χ^2/NDF : 1394417.5/12

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: -47.488+/-45.881 χ^2/NDF : 19.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

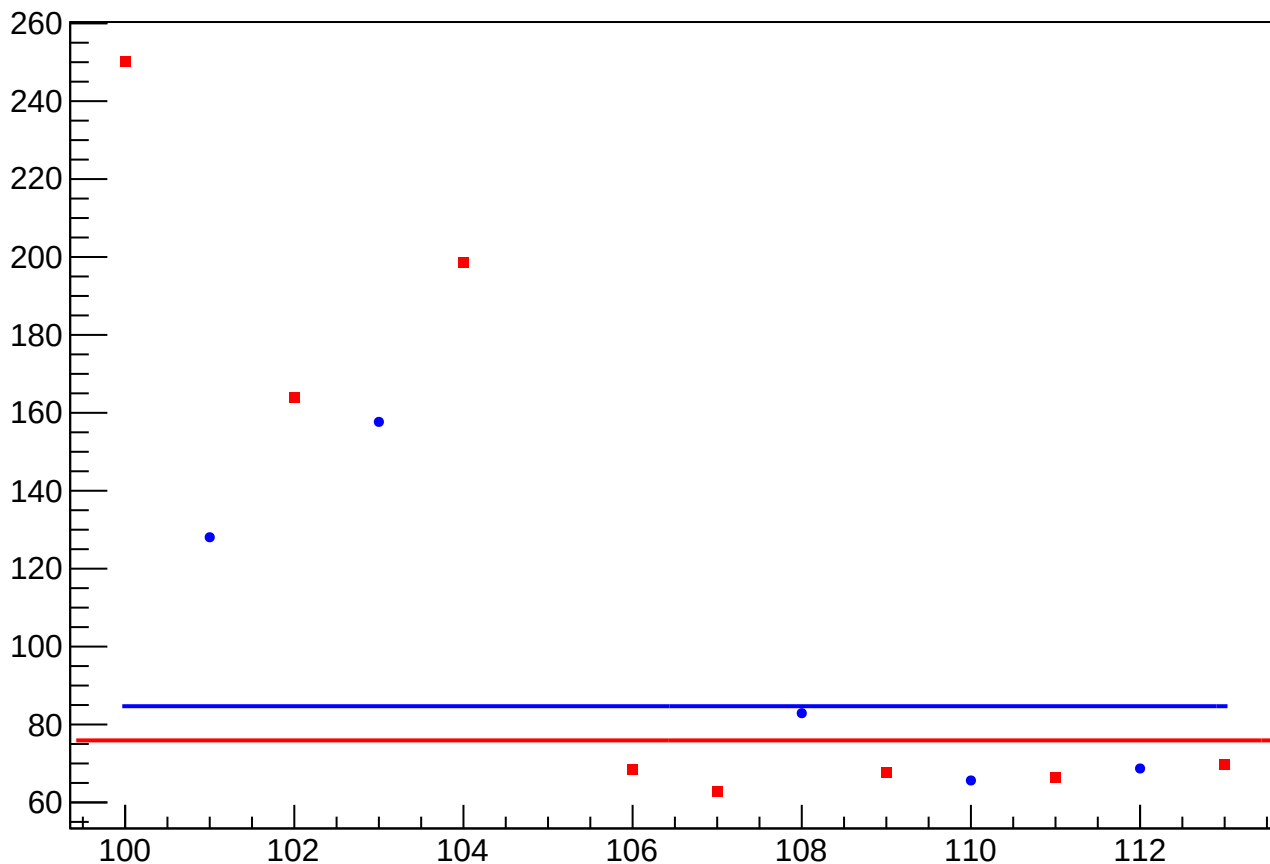
Right: -35.056+/-35.679 χ^2/NDF : 20.7/12

In: -16.035+/-56.750 χ^2/NDF : 0.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.056+/-35.679 χ^2/NDF : 20.7/12

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: 75.919+/-0.032 χ^2/NDF : 878679.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

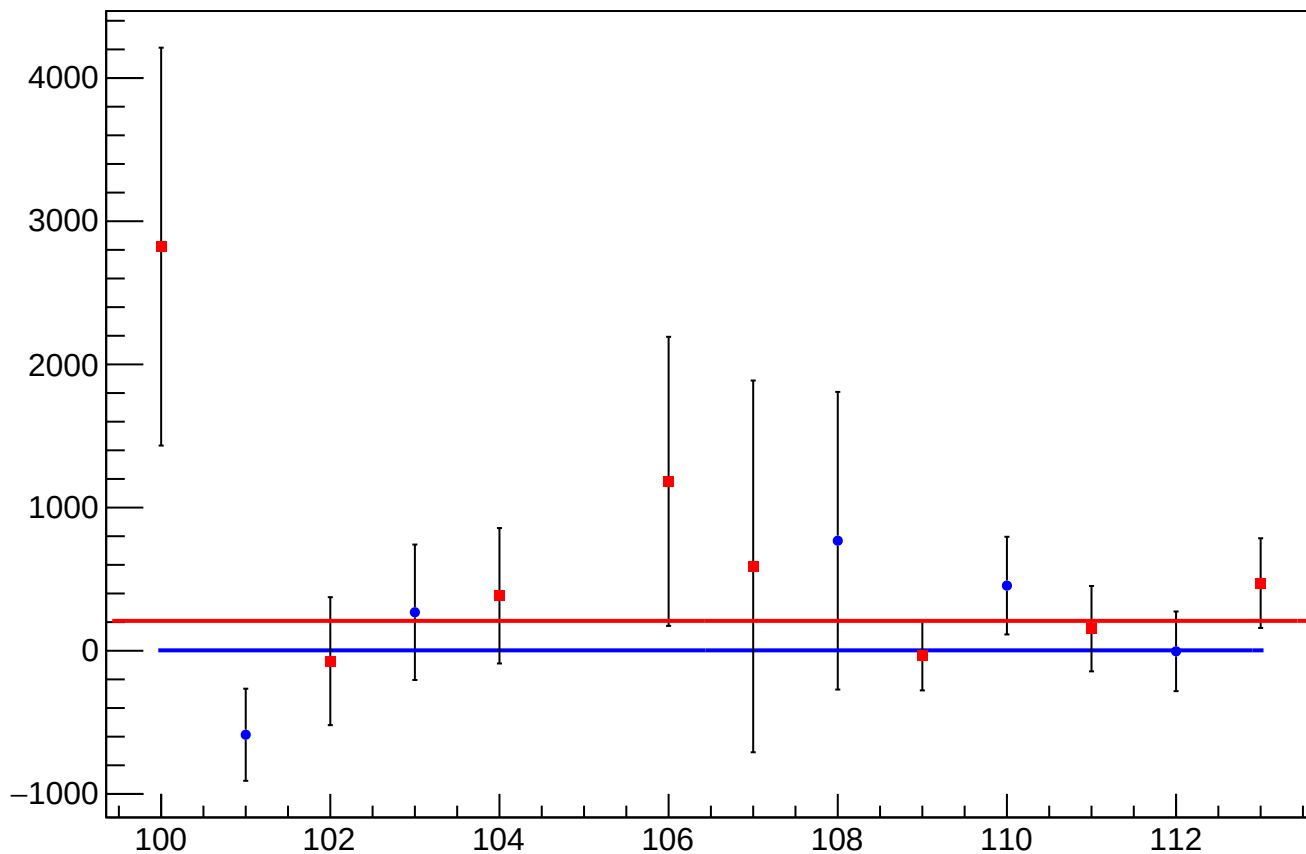
Right: 79.387+/-0.025 χ^2/NDF : 1429191.4/12

In: 84.694+/-0.040 χ^2/NDF : 521595.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.387+/-0.025 χ^2/NDF : 1429191.4/12

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: 208.717+/-141.972 χ^2/NDF : 6.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

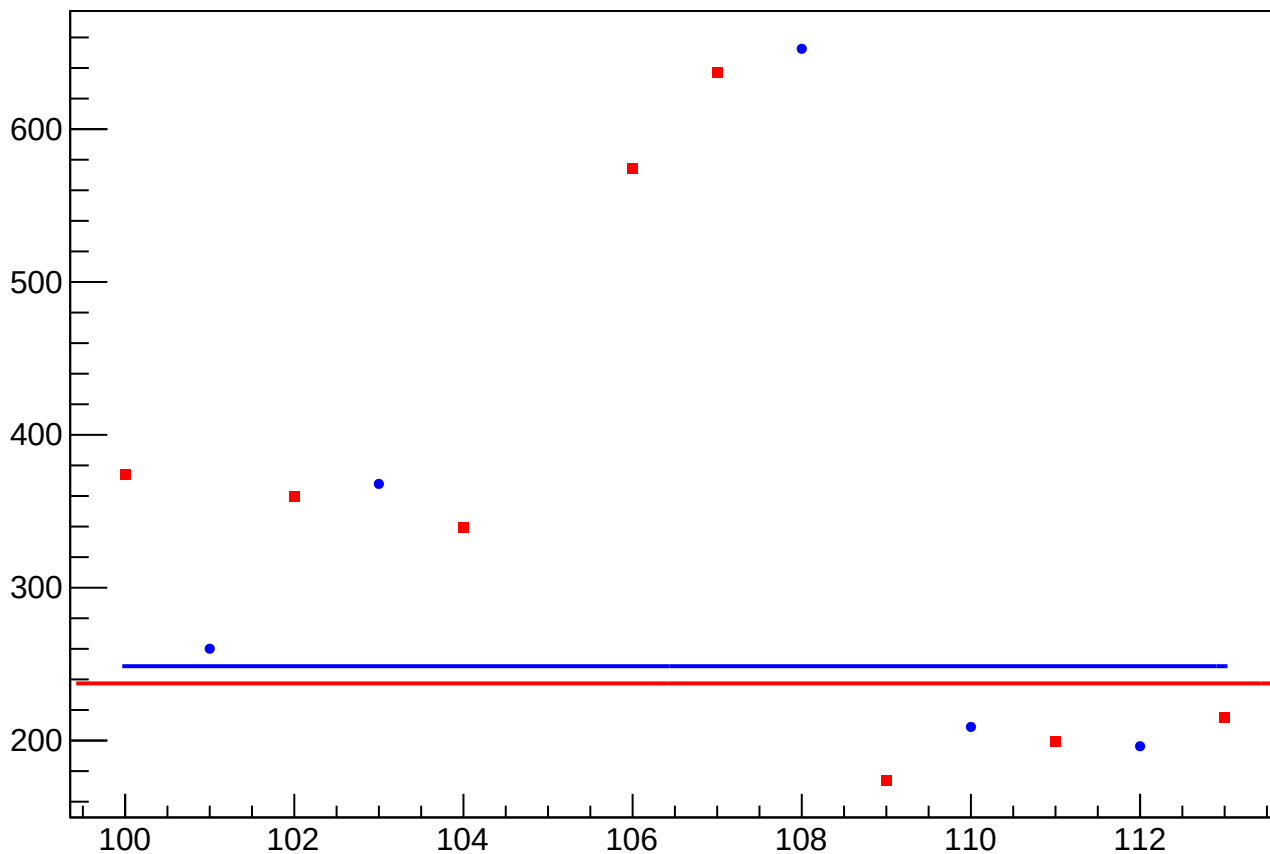
Right: 121.343+/-107.716 χ^2/NDF : 13.7/12

In: 2.814+/-165.356 χ^2/NDF : 6.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.343+/-107.716 χ^2/NDF : 13.7/12

asym_sam7_dit_correction_rms vs Slug, Sign Corrected



Right In: 248.644+/-0.117 χ^2/NDF : 529618.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 237.391+/-0.100 χ^2/NDF : 852654.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

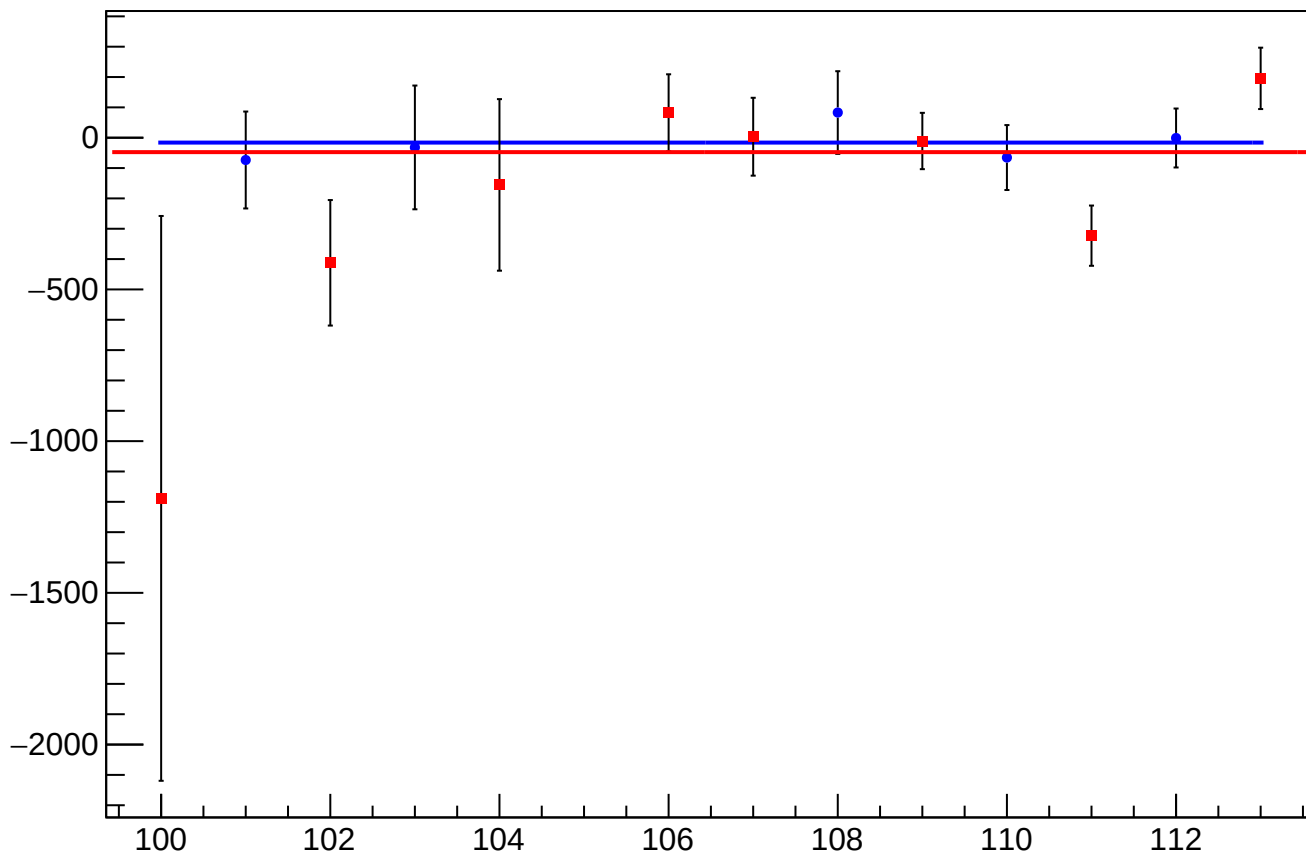
Right: 242.166+/-0.076 χ^2/NDF : 1387605.0/12

In: 248.644+/-0.117 χ^2/NDF : 529618.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 242.166+/-0.076 χ^2/NDF : 1387605.0/12

eigen_dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -16.038 $\pm$ 56.750 χ^2 /NDF: 0.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -47.489 $\pm$ 45.881 χ^2 /NDF: 19.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

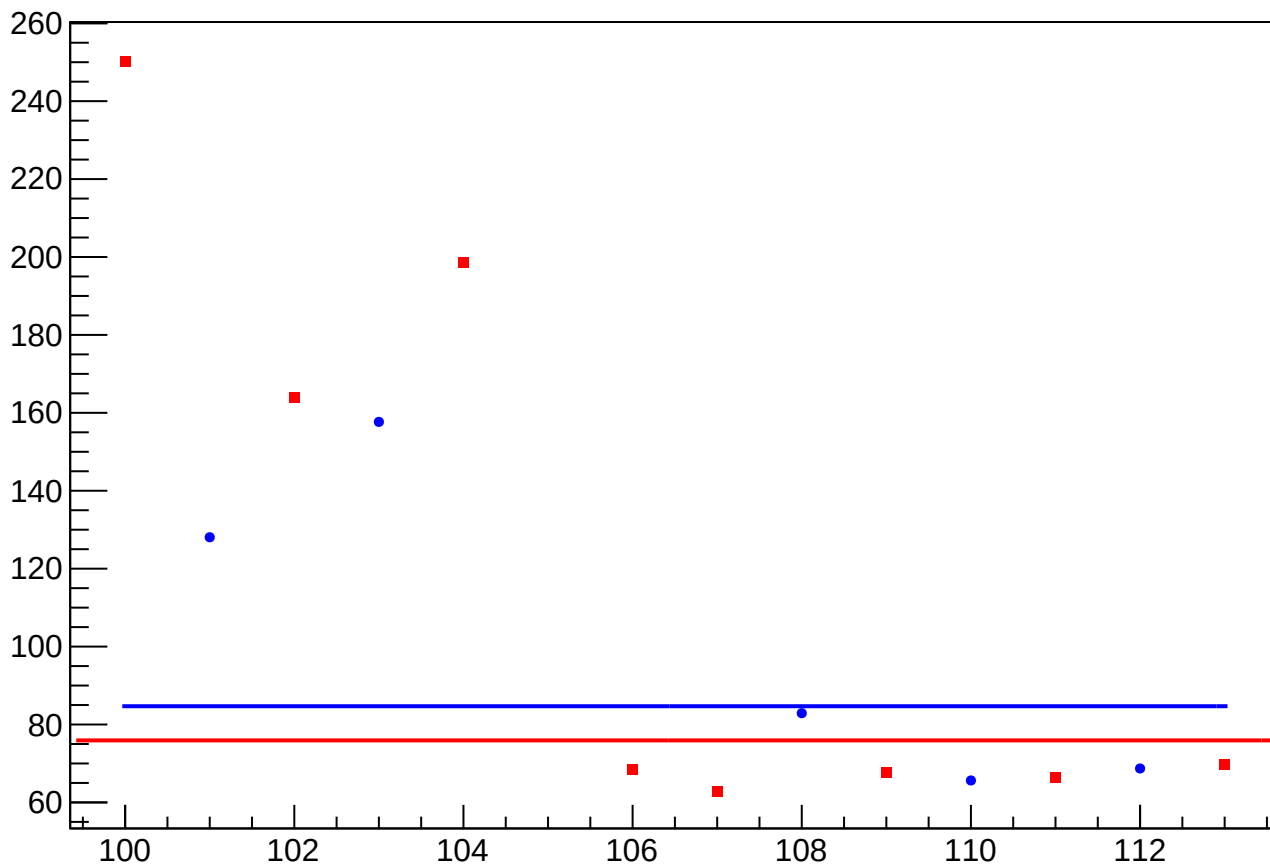
Right: -35.057 $\pm$ 35.679 χ^2 /NDF: 20.7/12

In: -16.038 $\pm$ 56.750 χ^2 /NDF:0.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -35.057 $\pm$ 35.679 χ^2 /NDF: 20.7/12

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: 75.919+/-0.032 χ^2/NDF : 878680.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

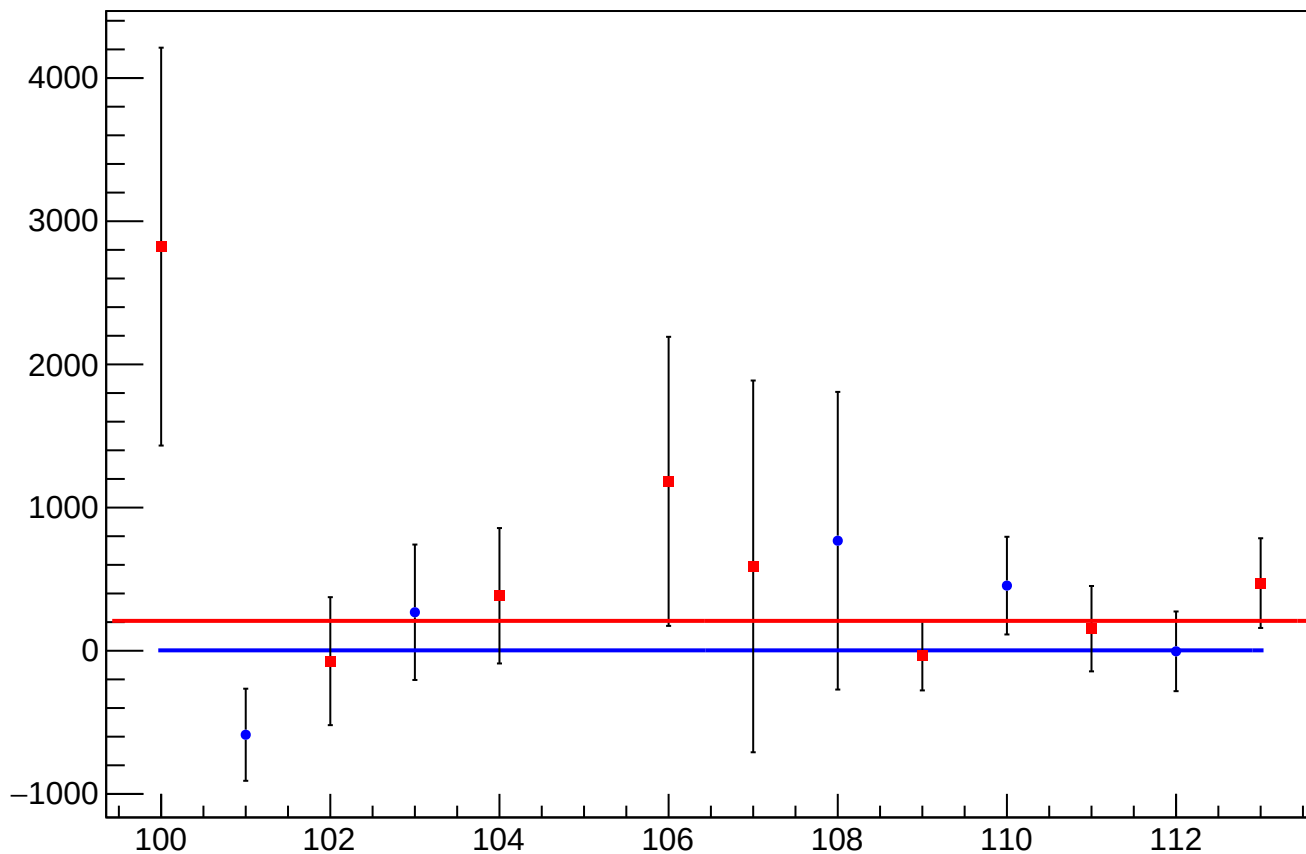
Right: 79.387+/-0.025 χ^2/NDF : 1429194.9/12

In: 84.694+/-0.040 χ^2/NDF : 521597.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.387+/-0.025 χ^2/NDF : 1429194.9/12

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: 208.716+/-141.971 χ^2/NDF : 6.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

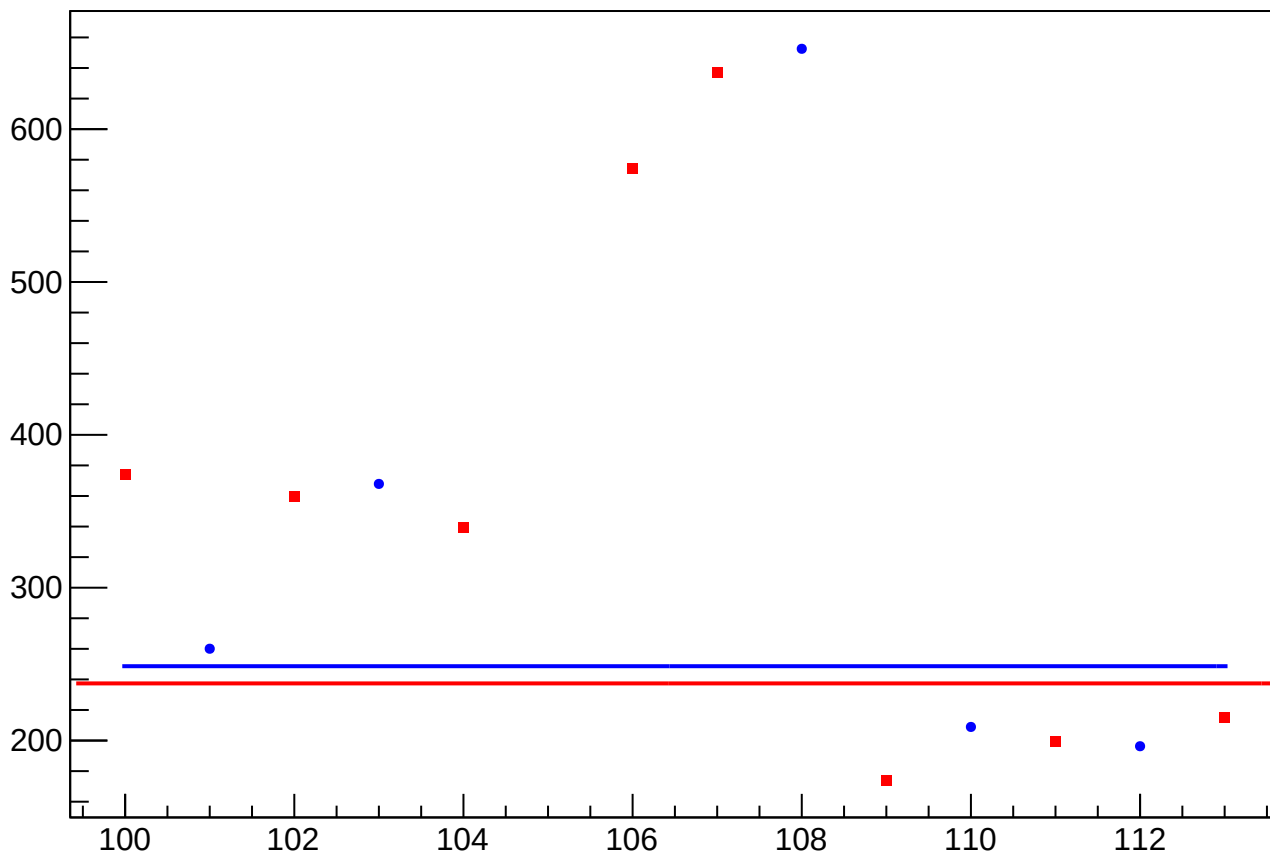
Right: 121.342+/-107.716 χ^2/NDF : 13.7/12

In: 2.814+/-165.355 χ^2/NDF : 6.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.342+/-107.716 χ^2/NDF : 13.7/12

asym_sam7_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 248.642 $\pm$ 0.117 χ^2 /NDF: 529630.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 237.389 $\pm$ 0.100 χ^2 /NDF: 852658.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

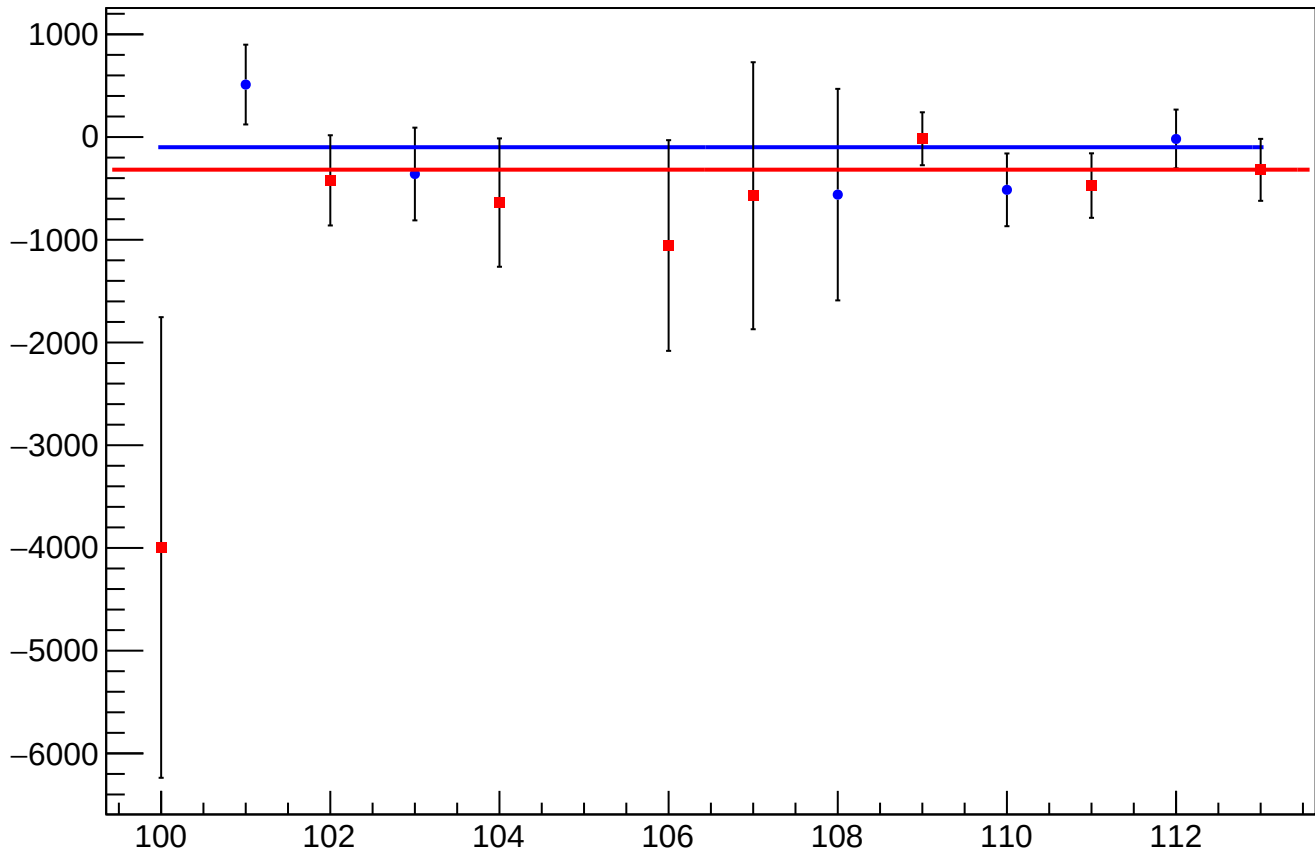
Right: 242.164 $\pm$ 0.076 χ^2 /NDF: 1387620.1/12

In: 248.642 $\pm$ 0.117 χ^2 /NDF:529630.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 242.164 $\pm$ 0.076 χ^2 /NDF: 1387620.1/12

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: -317.540+/-147.956 χ^2/NDF : 5.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

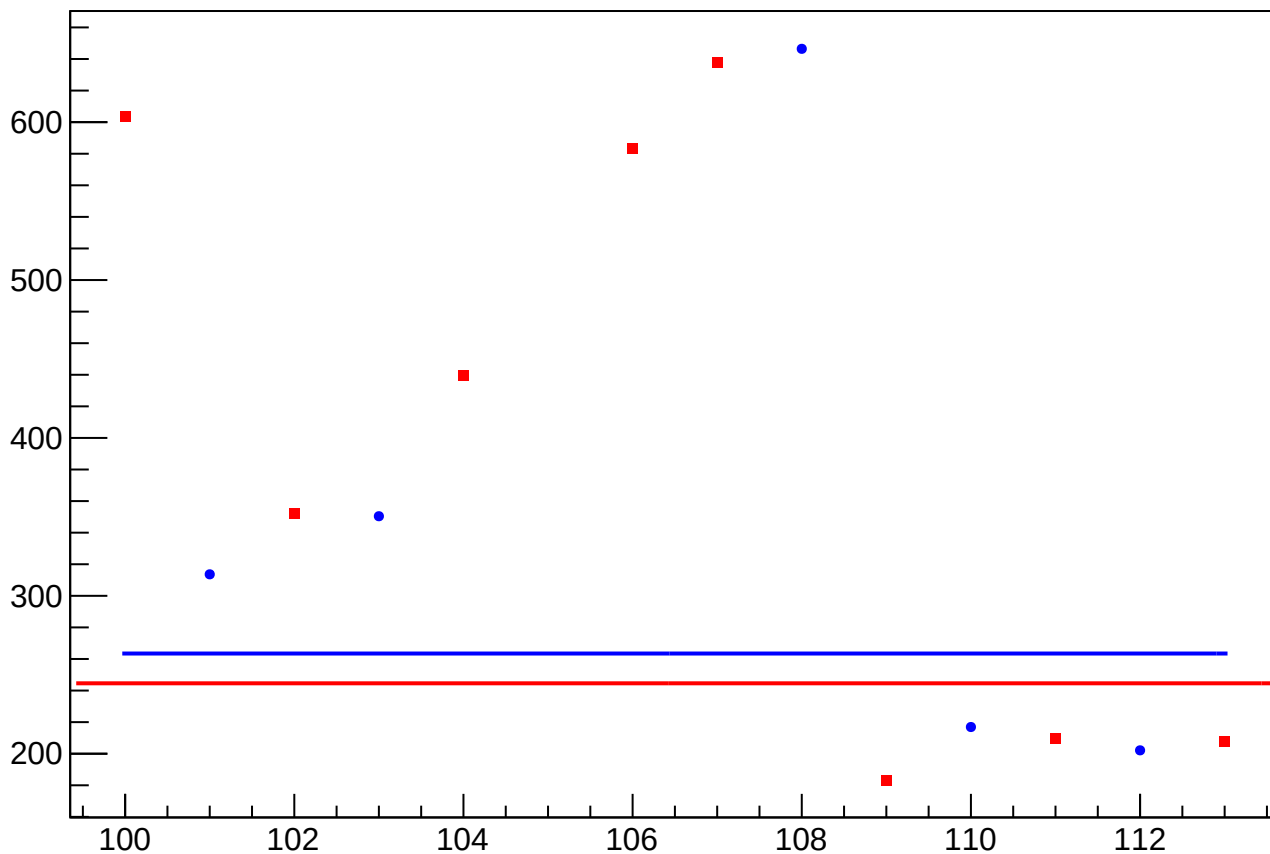
Right: -226.361+/-112.964 χ^2/NDF : 10.5/12

In: -98.921+/-174.918 χ^2/NDF : 4.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -226.361+/-112.964 χ^2/NDF : 10.5/12

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: 244.594+/-0.105 χ^2/NDF : 935718.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

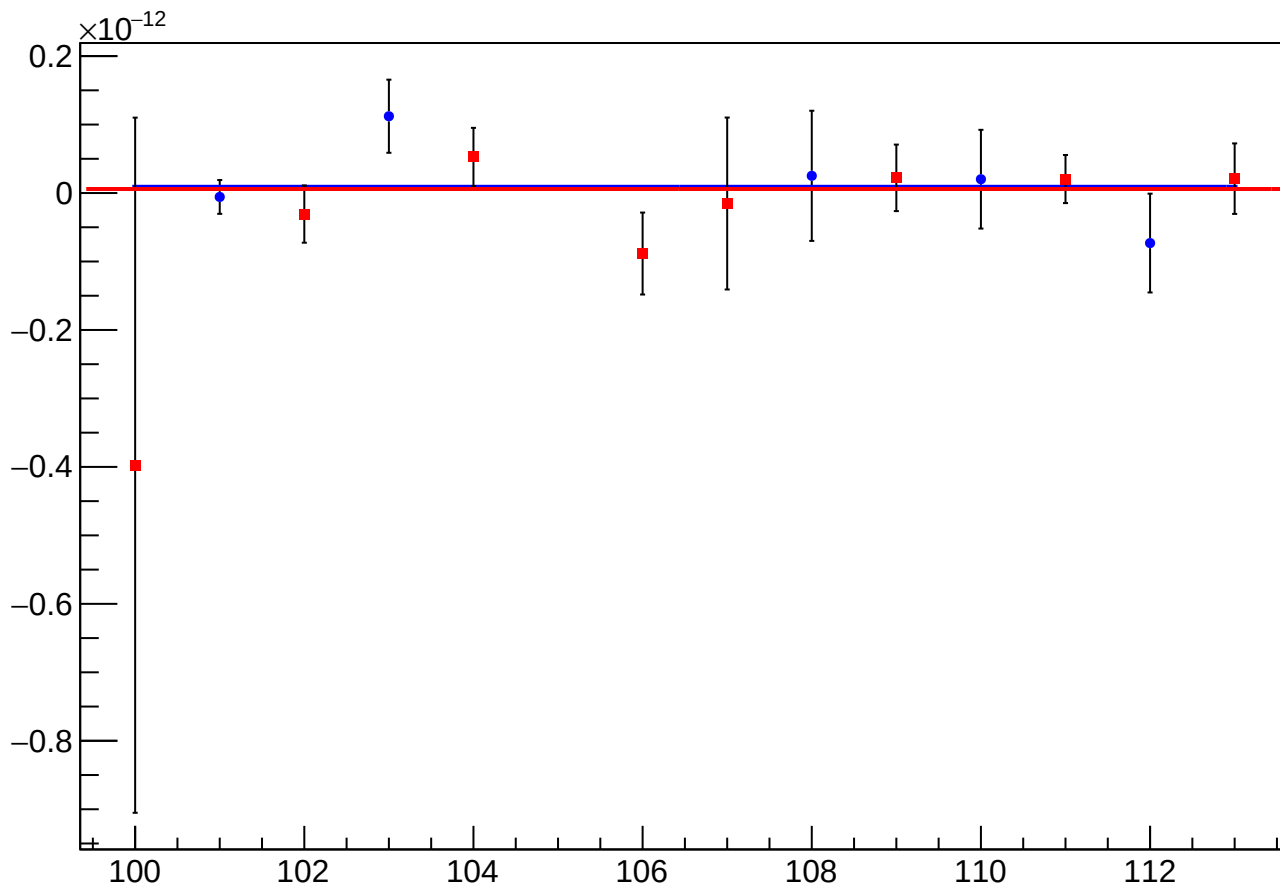
Right: 252.461+/-0.080 χ^2/NDF : 1460085.8/12

In: 263.457+/-0.124 χ^2/NDF : 510809.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 252.461+/-0.080 χ^2/NDF : 1460085.8/12

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 : 5.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

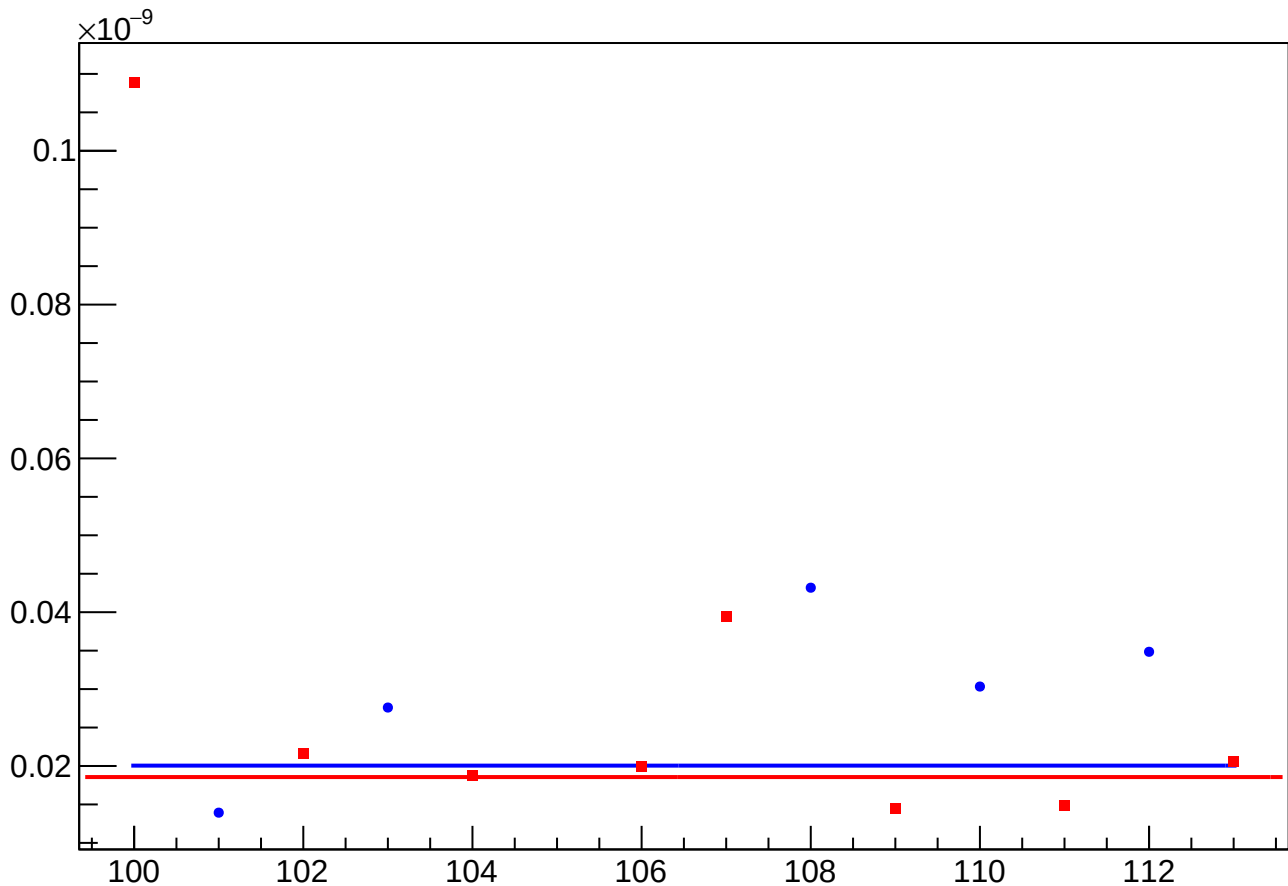
Right: 0.000+/-0.000 χ^2/NDF : 10.9/12

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 : 10.9/12

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 : 169853.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

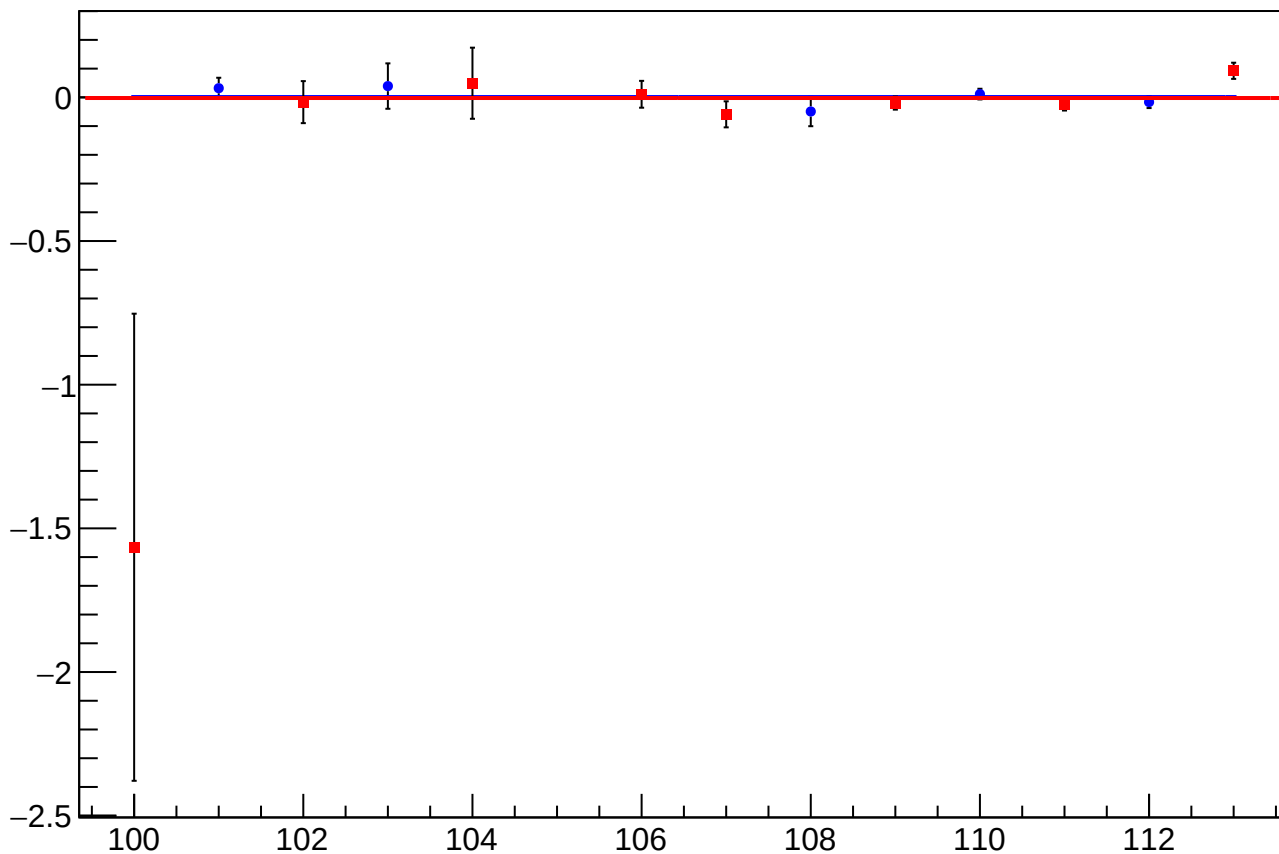
Right: 0.000+/-0.000 χ^2/NDF : 582110.3/12

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 : 582110.3/12

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: -0.002+/-0.012 χ^2/NDF : 19.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

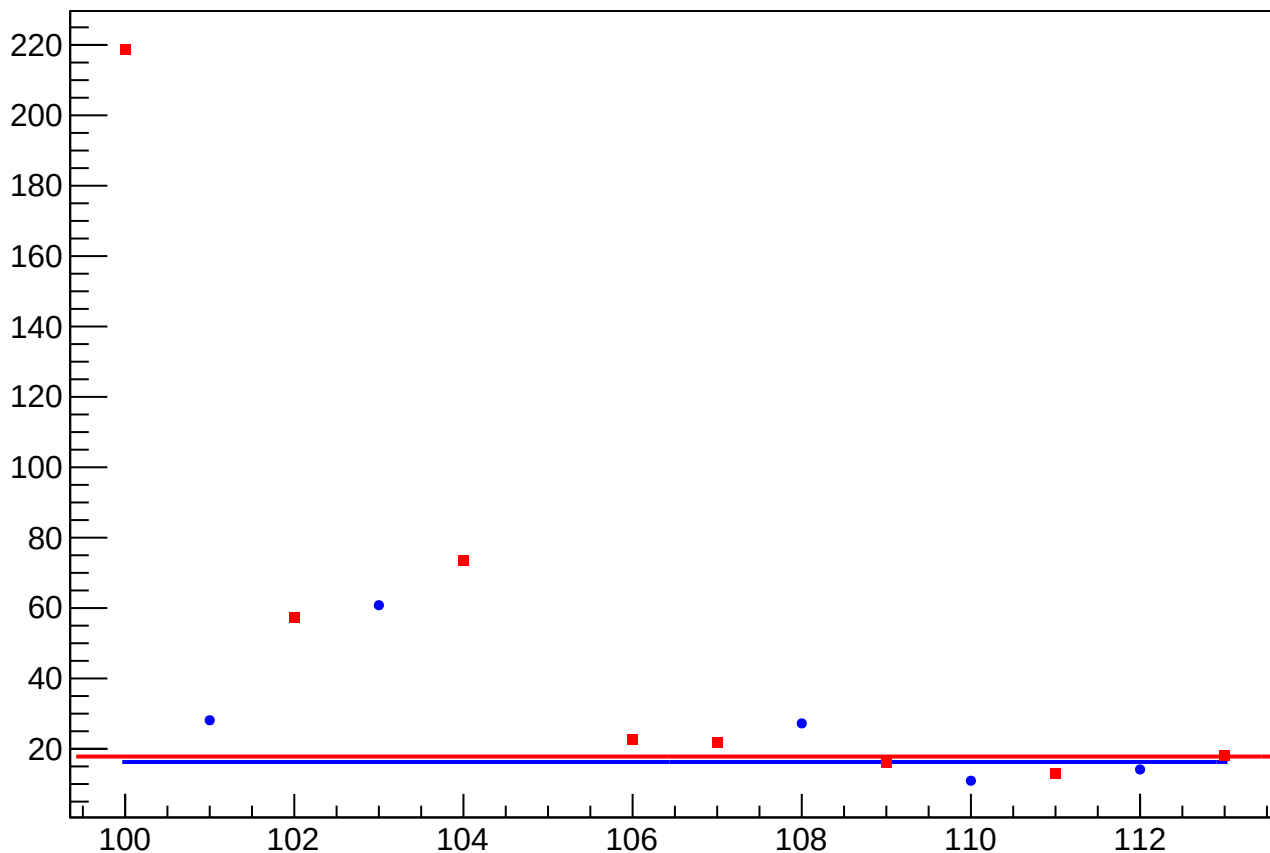
Right: -0.001+/-0.009 χ^2/NDF : 21.9/12

In: 0.001+/-0.012 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.009 χ^2/NDF : 21.9/12

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: 17.812+/-0.008 χ^2/NDF : 1282289.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

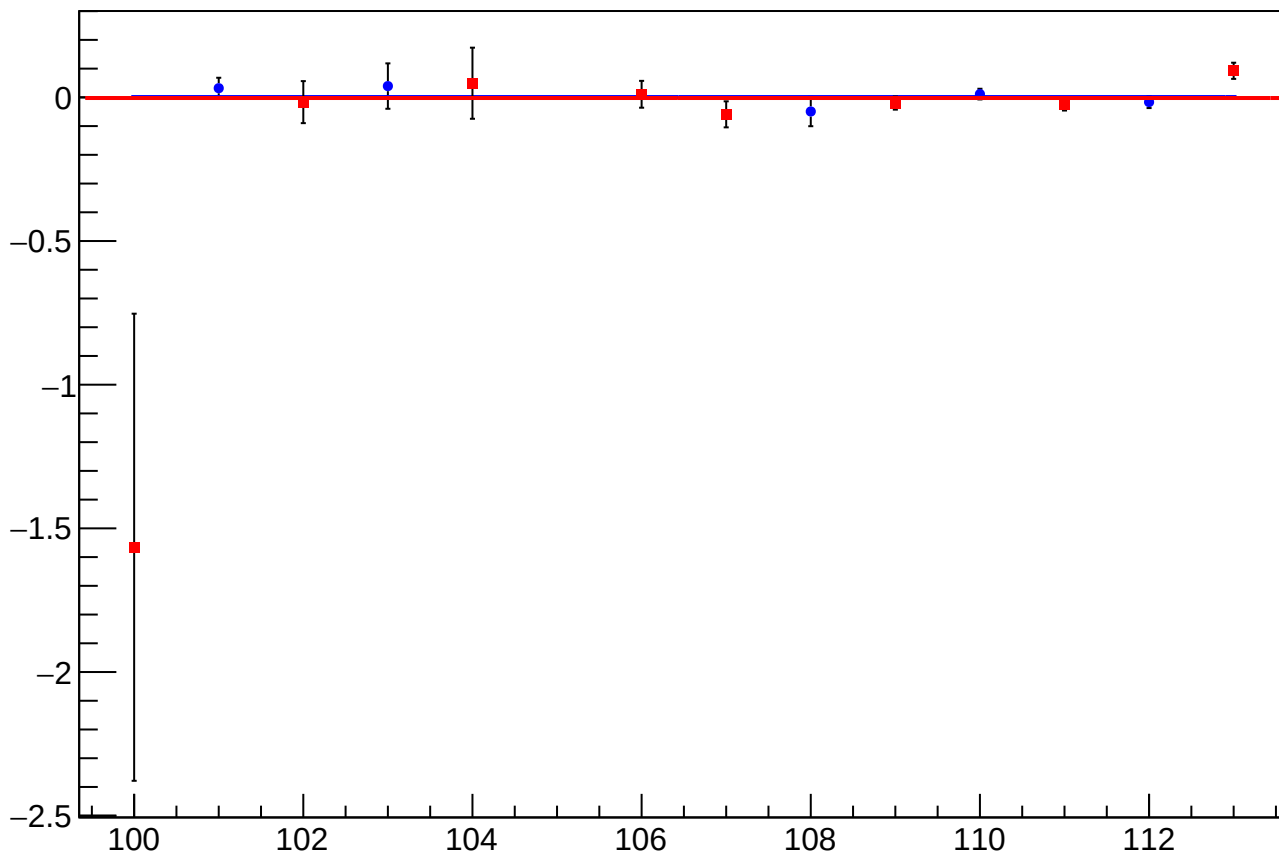
Right: 17.068+/-0.006 χ^2/NDF : 2424743.9/12

In: 16.268+/-0.009 χ^2/NDF : 1126409.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.068+/-0.006 χ^2/NDF : 2424743.9/12

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: -0.002 $\pm$ 0.012 χ^2 /NDF: 19.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

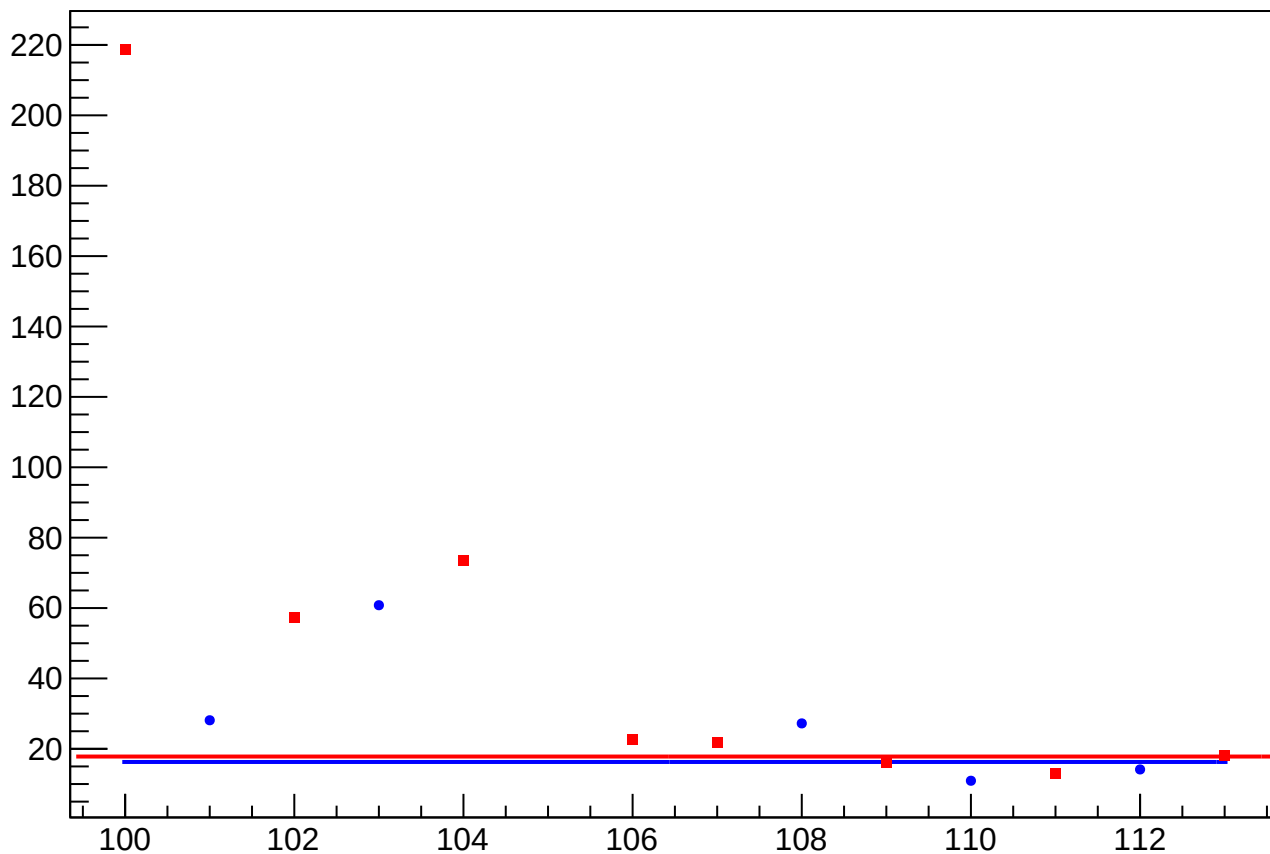
Right: -0.001 $\pm$ 0.009 χ^2 /NDF: 21.9/12

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: -0.001 $\pm$ 0.009 χ^2 /NDF: 21.9/12

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: 17.812+/-0.008 χ^2/NDF : 1282289.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

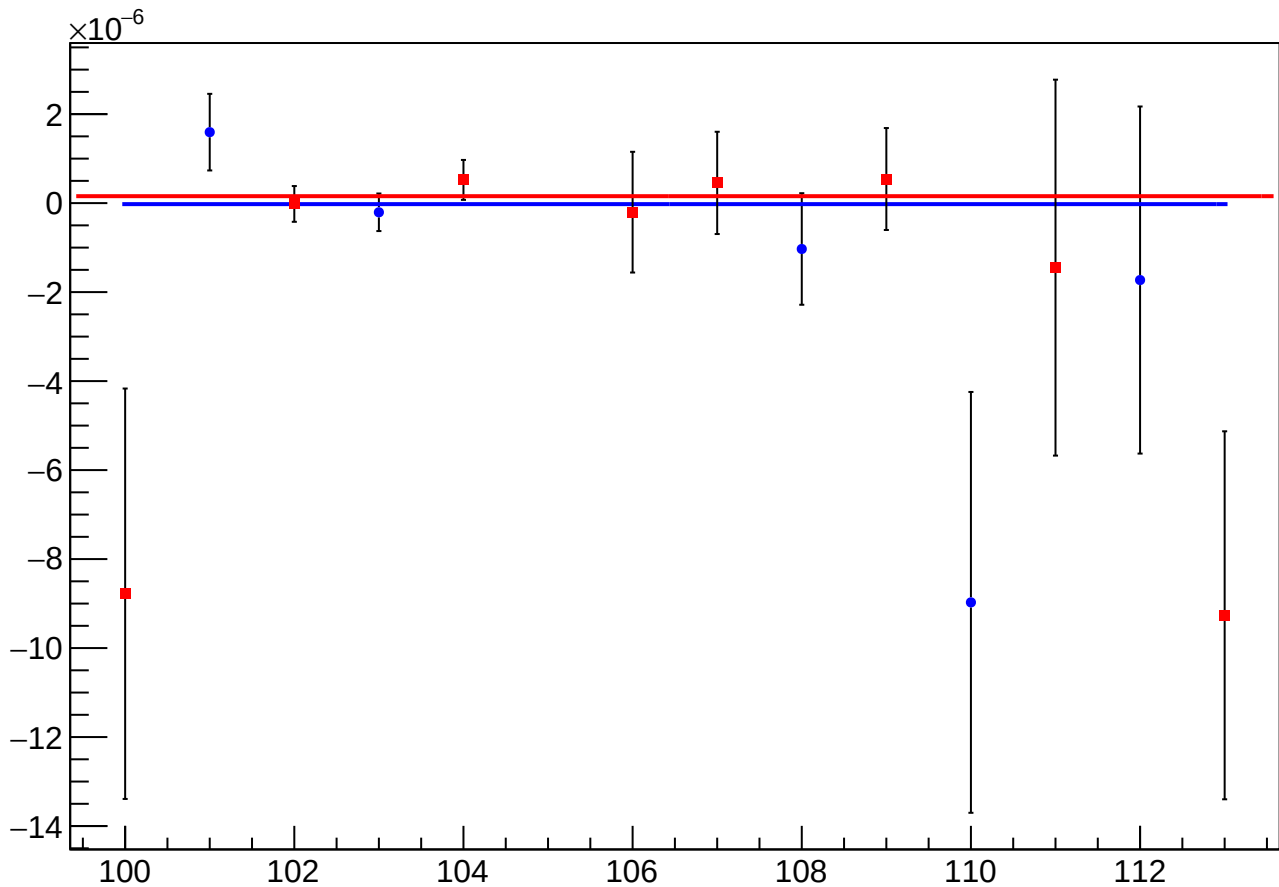
Right: 17.068+/-0.006 χ^2/NDF : 2424743.9/12

In: 16.268+/-0.009 χ^2/NDF : 1126409.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.068+/-0.006 χ^2/NDF : 2424743.9/12

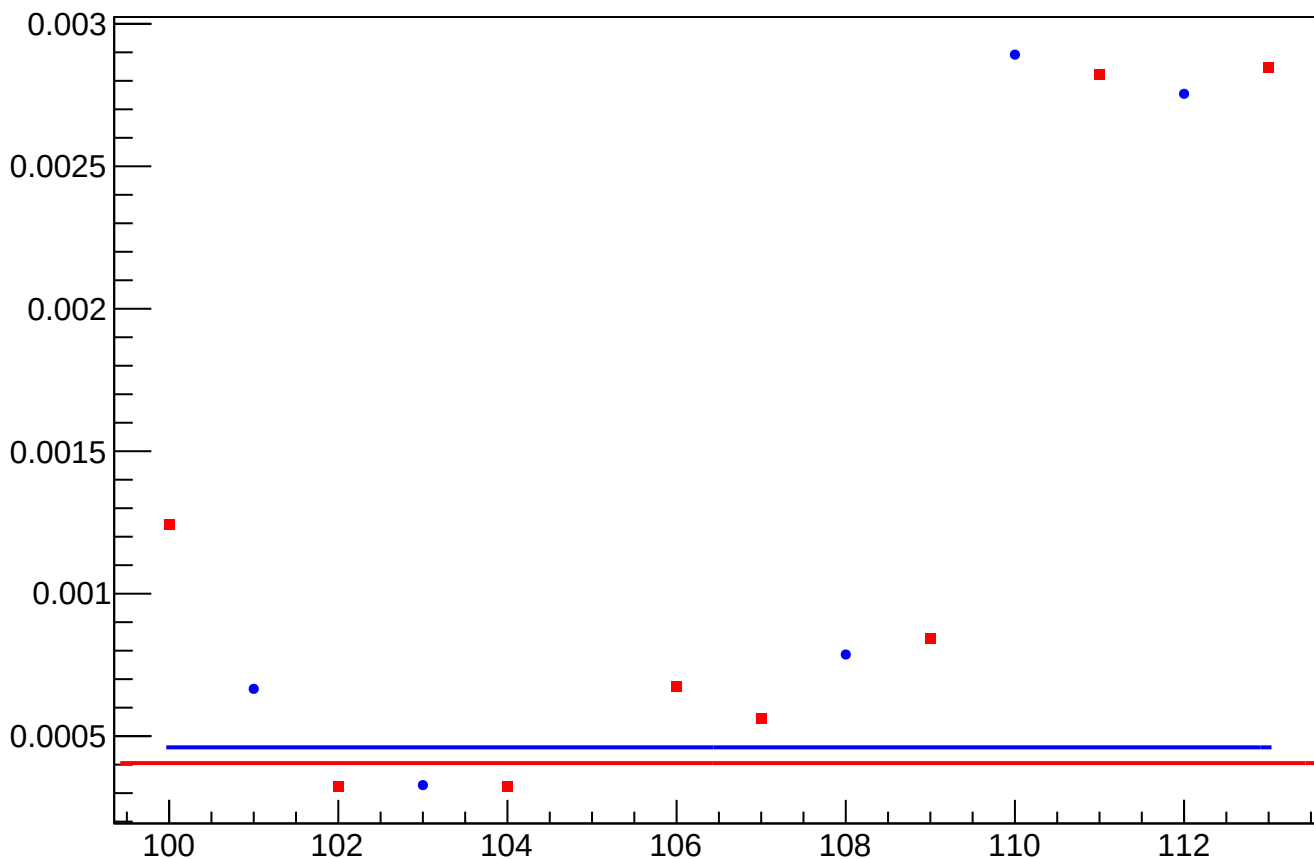
asym_sam7_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 10.2/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 18.5/12
 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 : 18.5/12

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 : 1977855.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

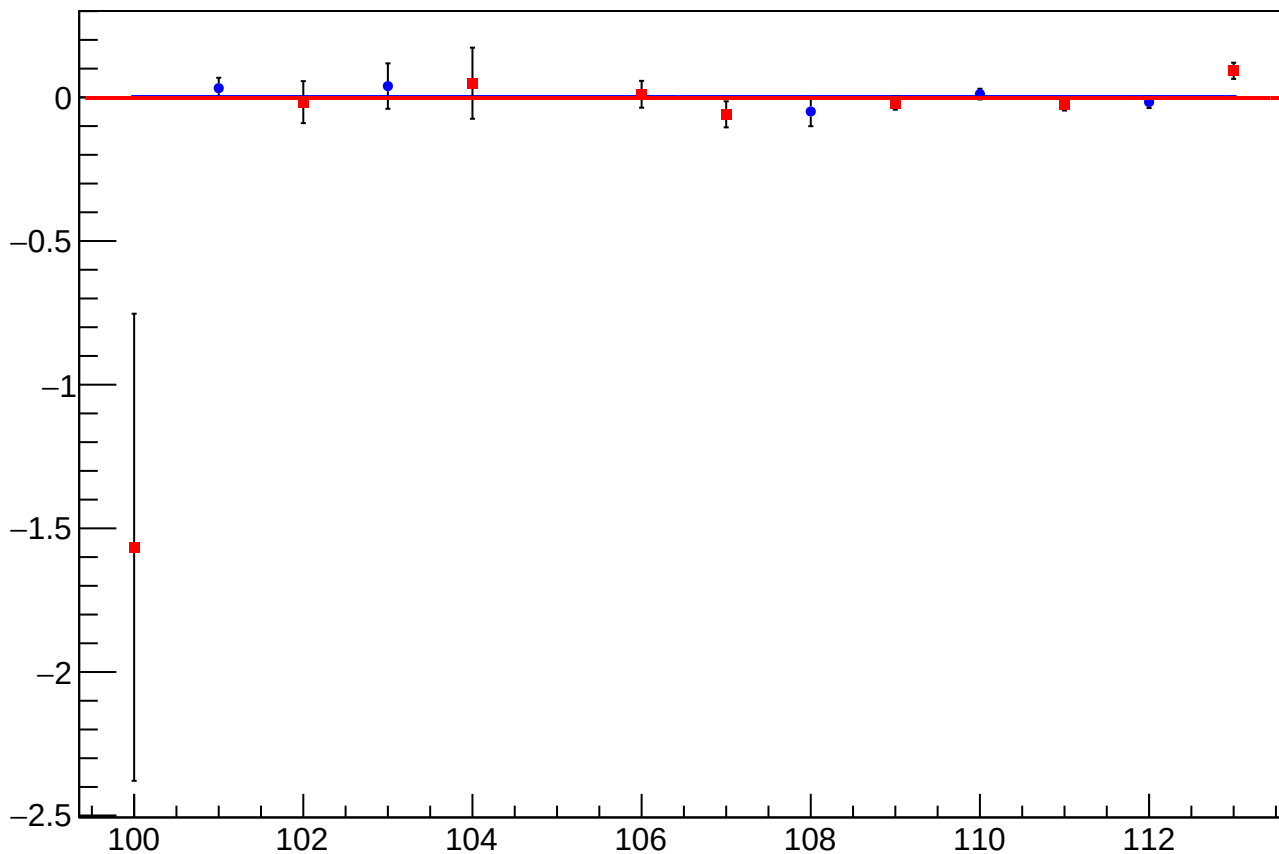
Right: 0.000+/-0.000 χ^2/NDF : 3674174.9/12

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 : 3674174.9/12

asym_sam7_eigen_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: -0.002+/-0.012 χ^2/NDF : 19.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

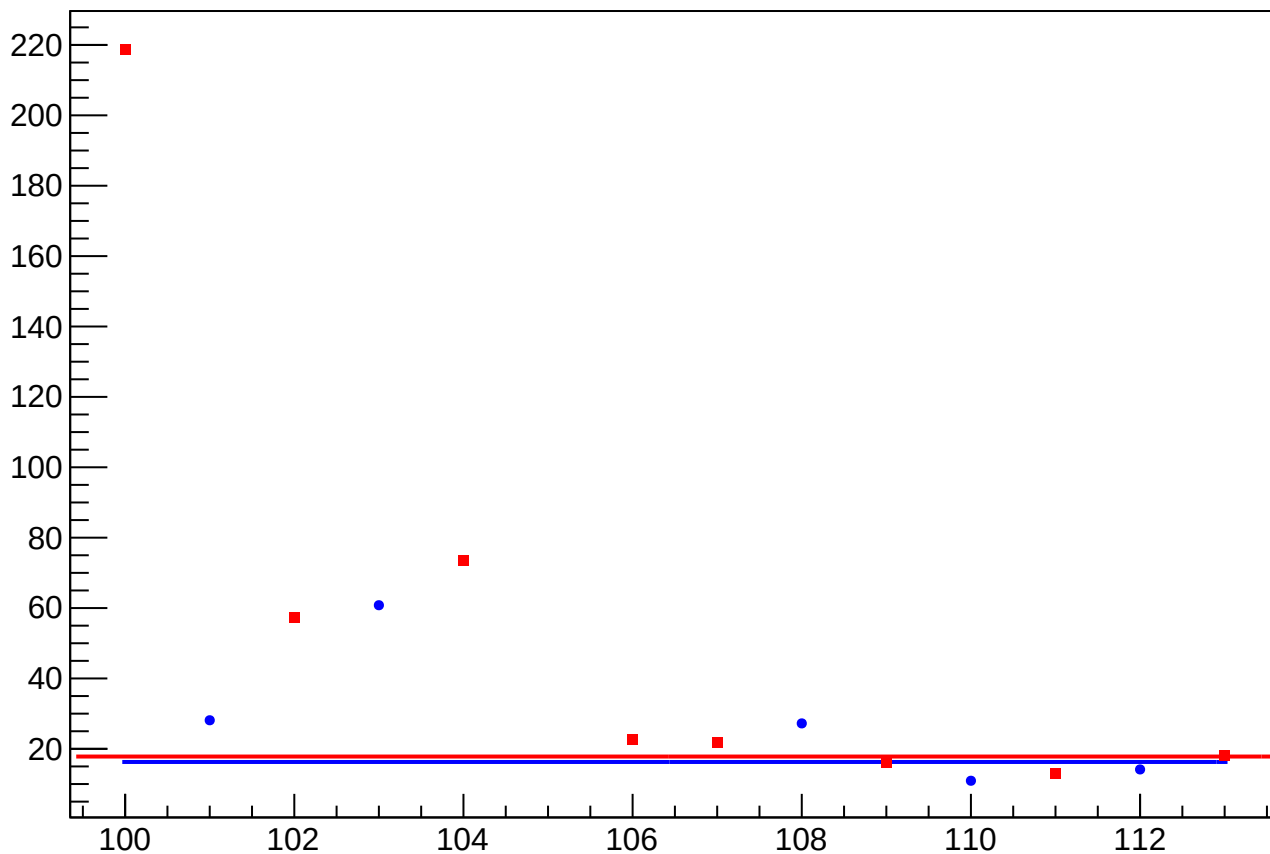
Right: -0.001+/-0.009 χ^2/NDF : 21.9/12

In: 0.001+/-0.012 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.009 χ^2/NDF : 21.9/12

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: 17.813+/-0.008 χ^2/NDF : 1282246.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

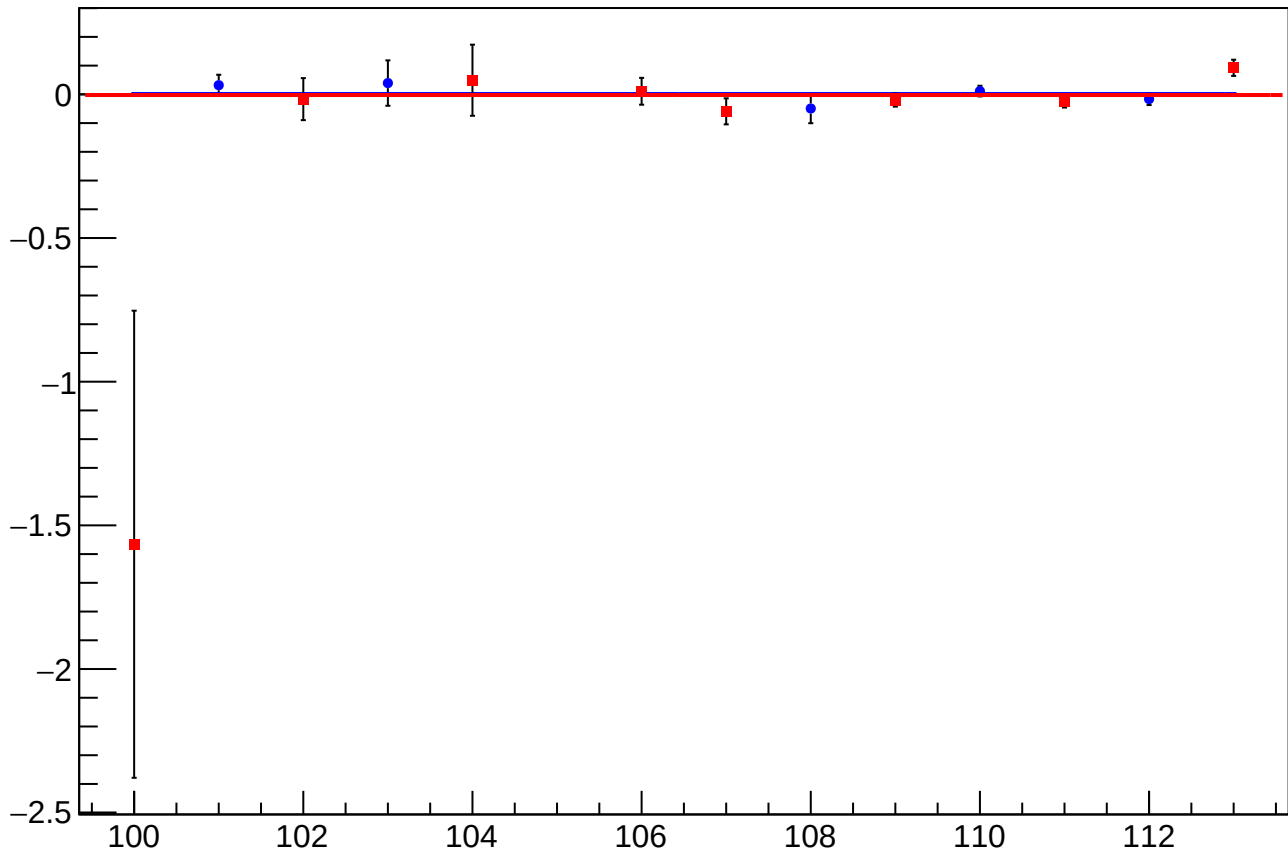
Right: 17.068+/-0.006 χ^2/NDF : 2424634.8/12

In: 16.269+/-0.009 χ^2/NDF : 1126355.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.068+/-0.006 χ^2/NDF : 2424634.8/12

asym_sam7_eigen_dit_vs_eigen_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: -0.002+/-0.012 χ^2/NDF : 19.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

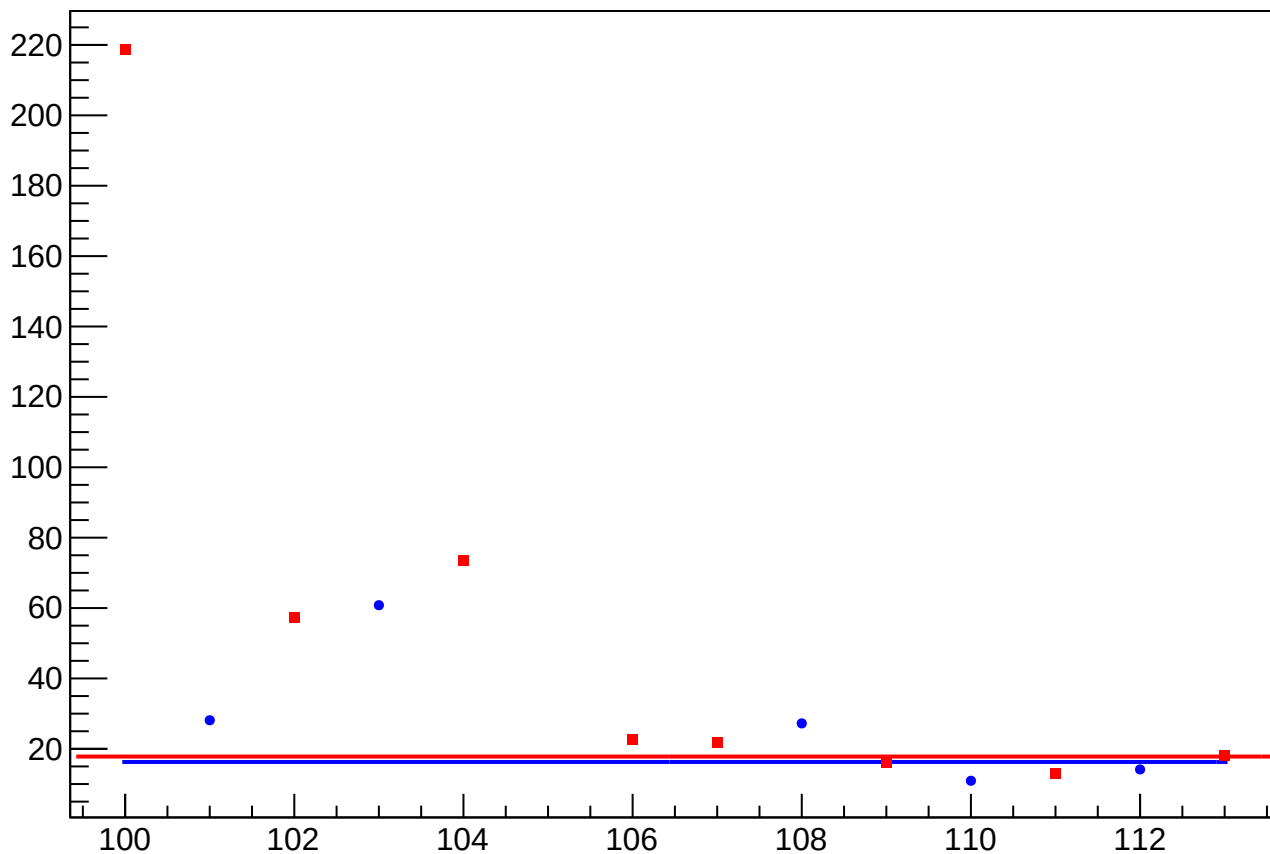
Right: -0.001+/-0.009 χ^2/NDF : 21.9/12

In: 0.001+/-0.012 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.009 χ^2/NDF : 21.9/12

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: 17.813+/-0.008 χ^2/NDF : 1282246.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

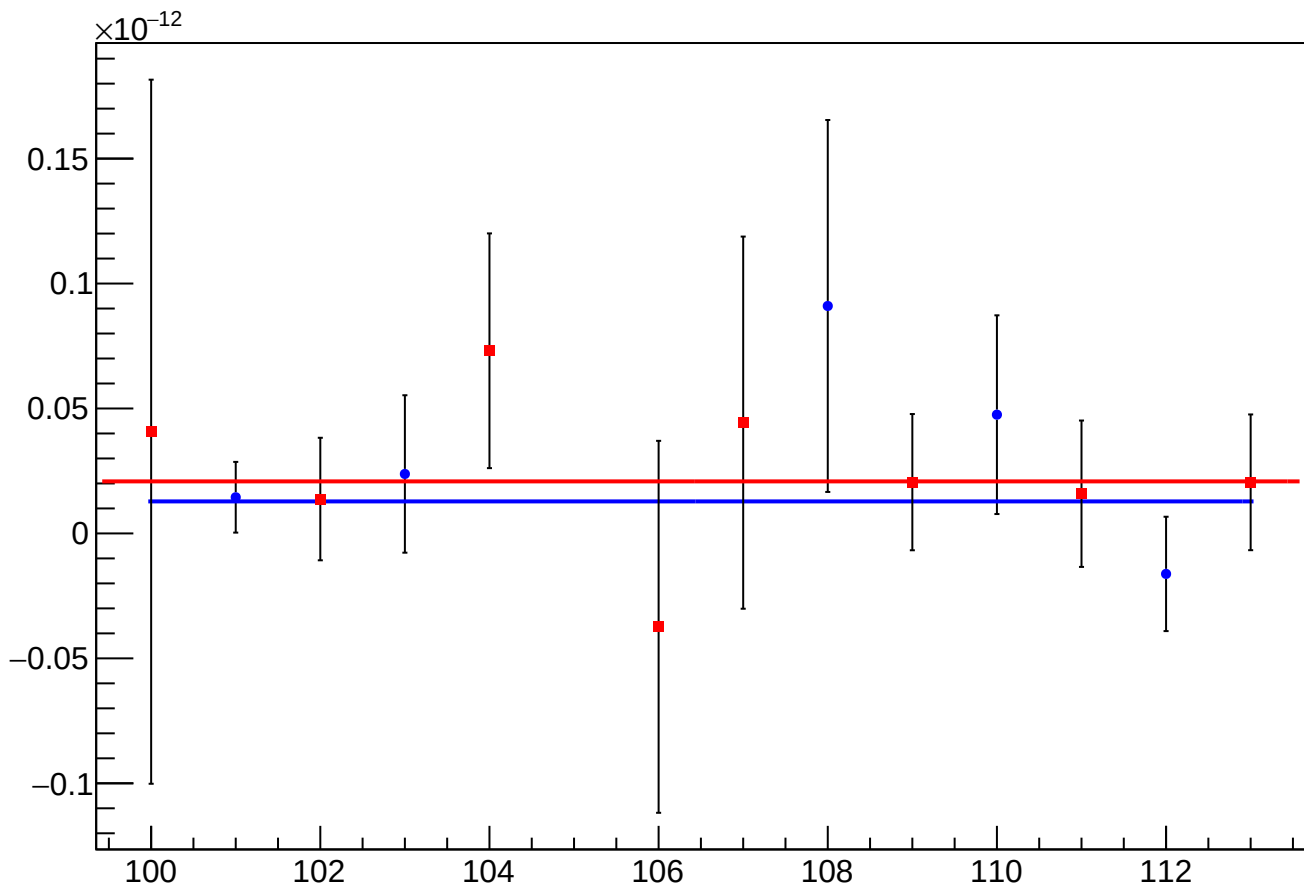
Right: 17.068+/-0.006 χ^2/NDF : 2424634.8/12

In: 16.269+/-0.009 χ^2/NDF : 1126355.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.068+/-0.006 χ^2/NDF : 2424634.8/12

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 : 2.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

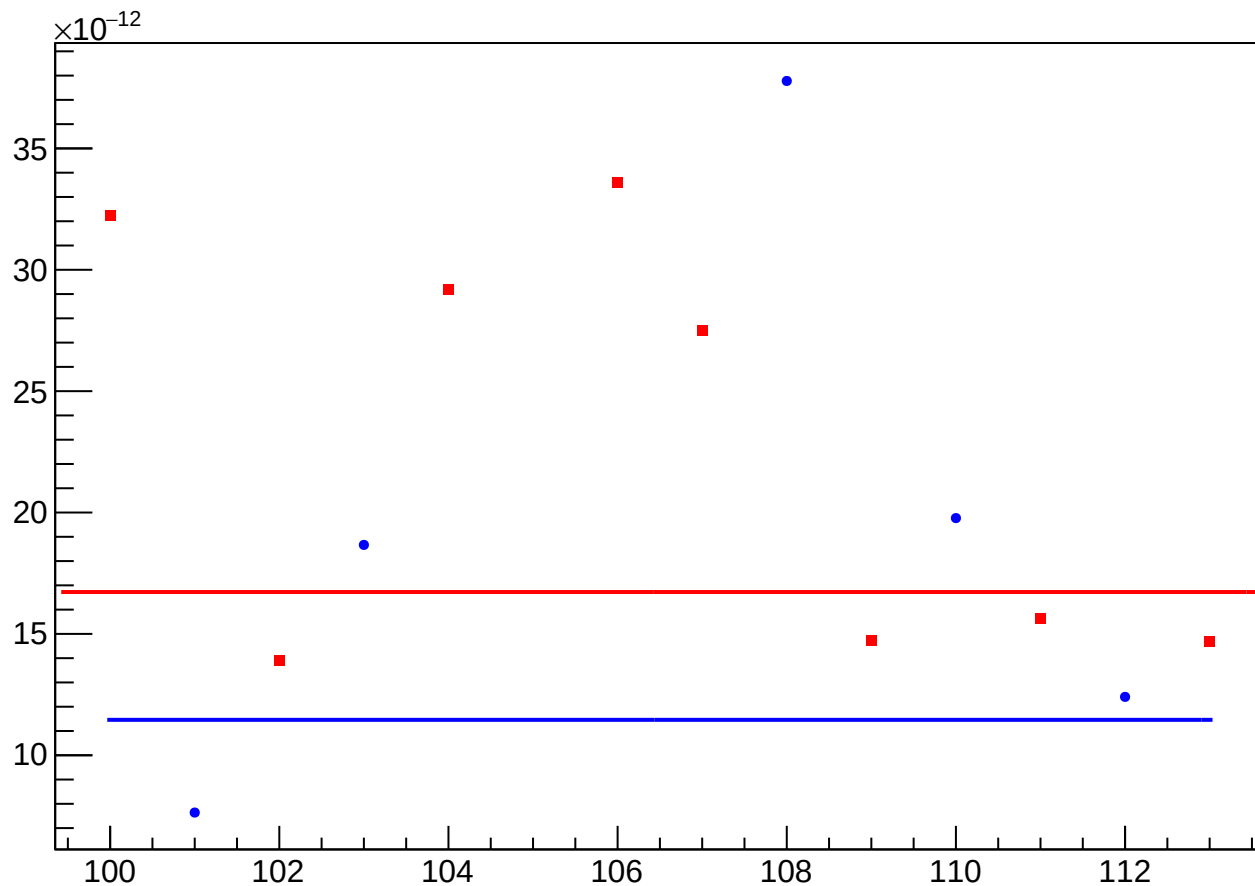
Right: 0.000+/-0.000 χ^2/NDF : 5.9/12

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 : 5.9/12

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 : 361381.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

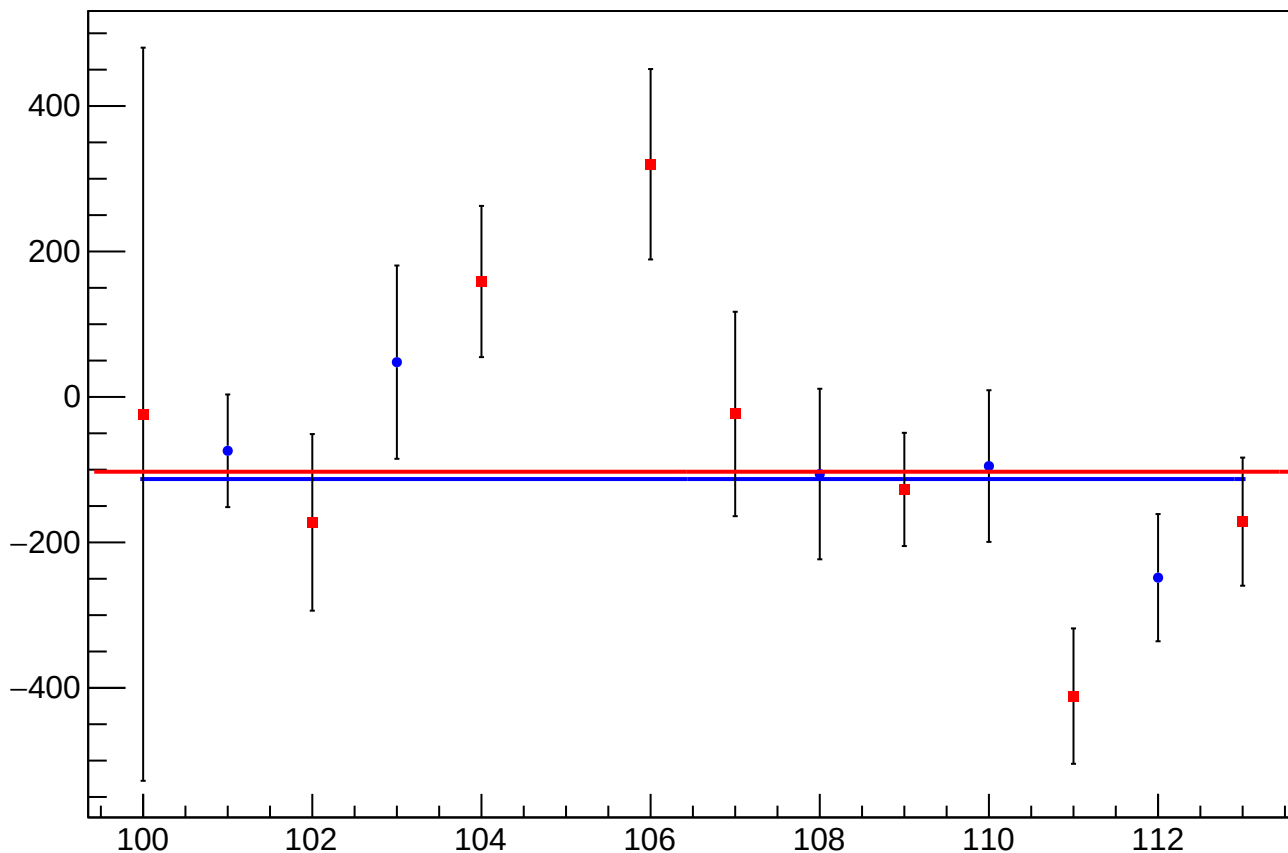
Right: 0.000+/-0.000 χ^2/NDF : 1157358.8/12

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 : 1157358.8/12

reg_asym_sam8_mean vs Slug, Sign Corrected



Right In: -112.897 ± 43.897 χ^2/NDF : 4.2/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -102.817 ± 38.273 χ^2/NDF : 29.1/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

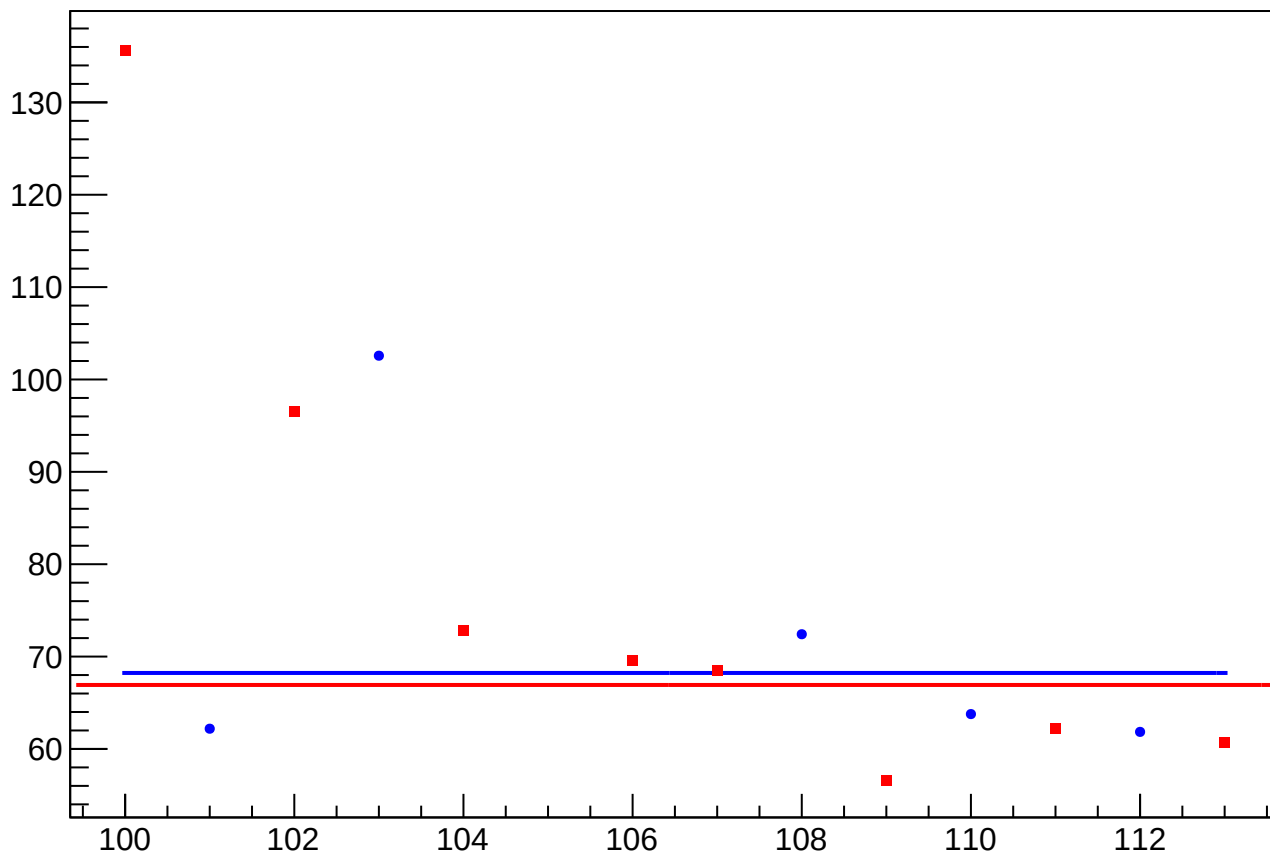
Right: -107.170 ± 28.848 χ^2/NDF : 33.3/12

In: -112.897 ± 43.897 χ^2/NDF : 4.2/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -107.170 ± 28.848 χ^2/NDF : 33.3/12

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: 66.927+/-0.027 χ^2/NDF : 213974.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

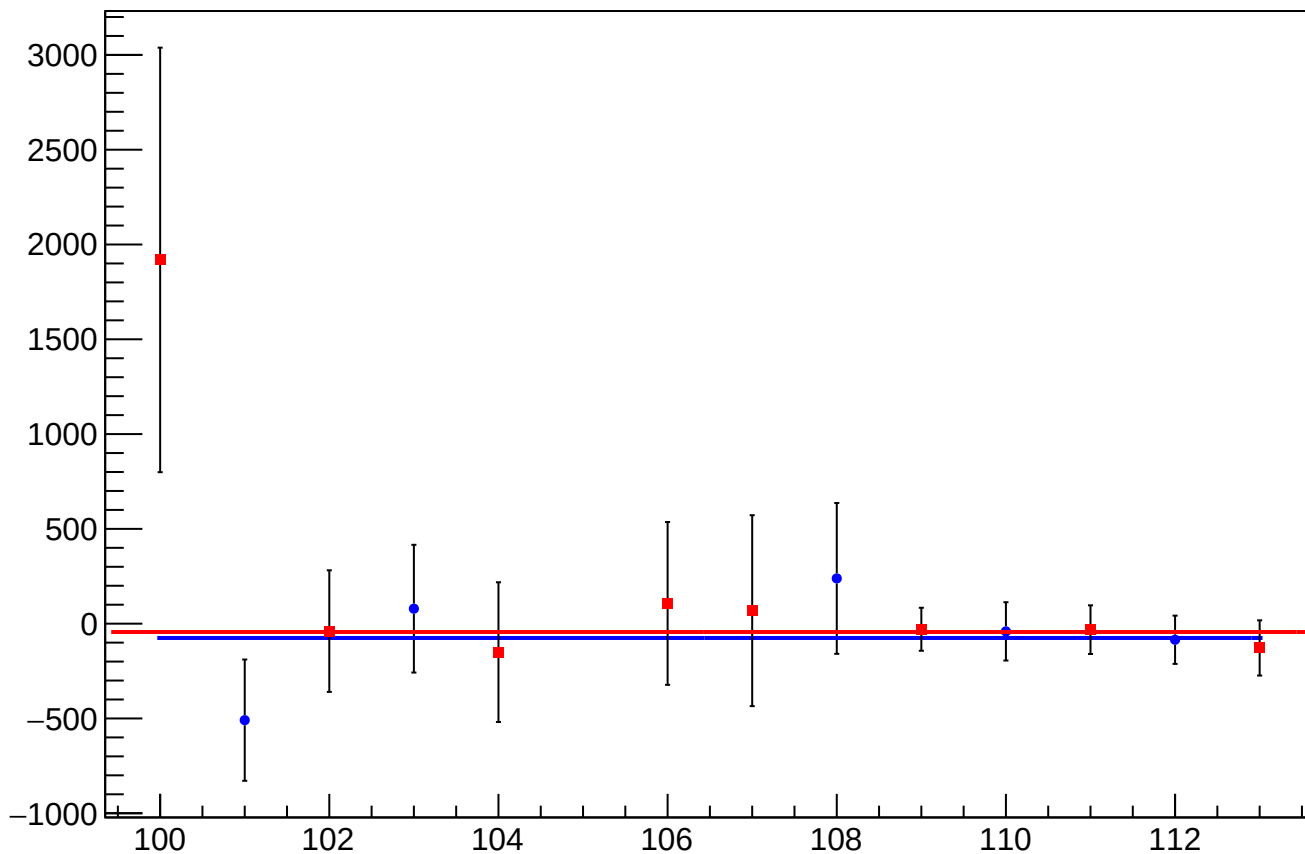
Right: 67.488+/-0.020 χ^2/NDF : 377613.4/12

In: 68.227+/-0.031 χ^2/NDF : 162642.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.488+/-0.020 χ^2/NDF : 377613.4/12

asym_sam8_reg_correction_mean vs Slug, Sign Corrected



Right In: -75.476 $\pm$ 88.066 χ^2 /NDF: 2.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -43.965 $\pm$ 68.542 χ^2 /NDF: 3.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

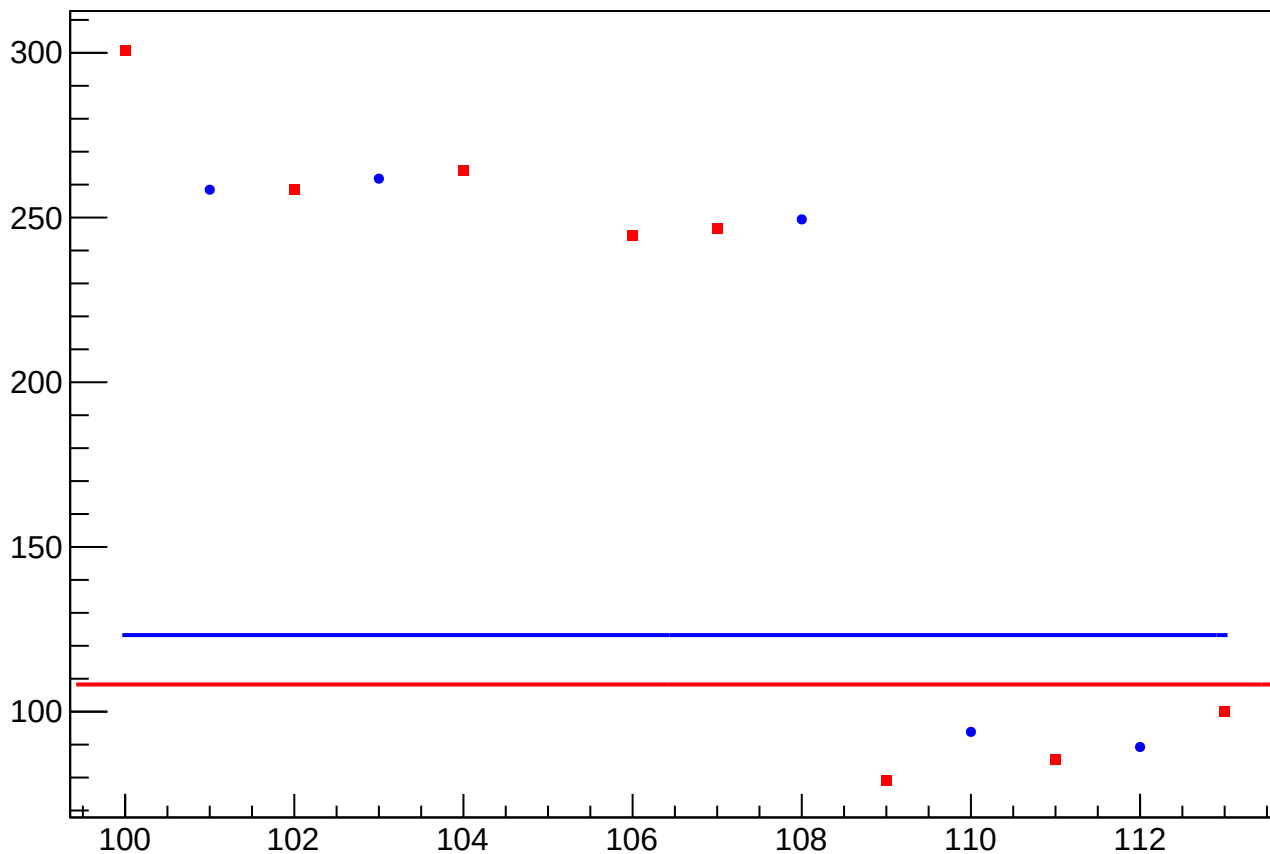
Right: -55.852 $\pm$ 54.090 χ^2 /NDF: 6.5/12

In: -75.476 $\pm$ 88.066 χ^2 /NDF:2.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -55.852 $\pm$ 54.090 χ^2 /NDF: 6.5/12

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: 108.251+/-0.048 χ^2/NDF : 1411010.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

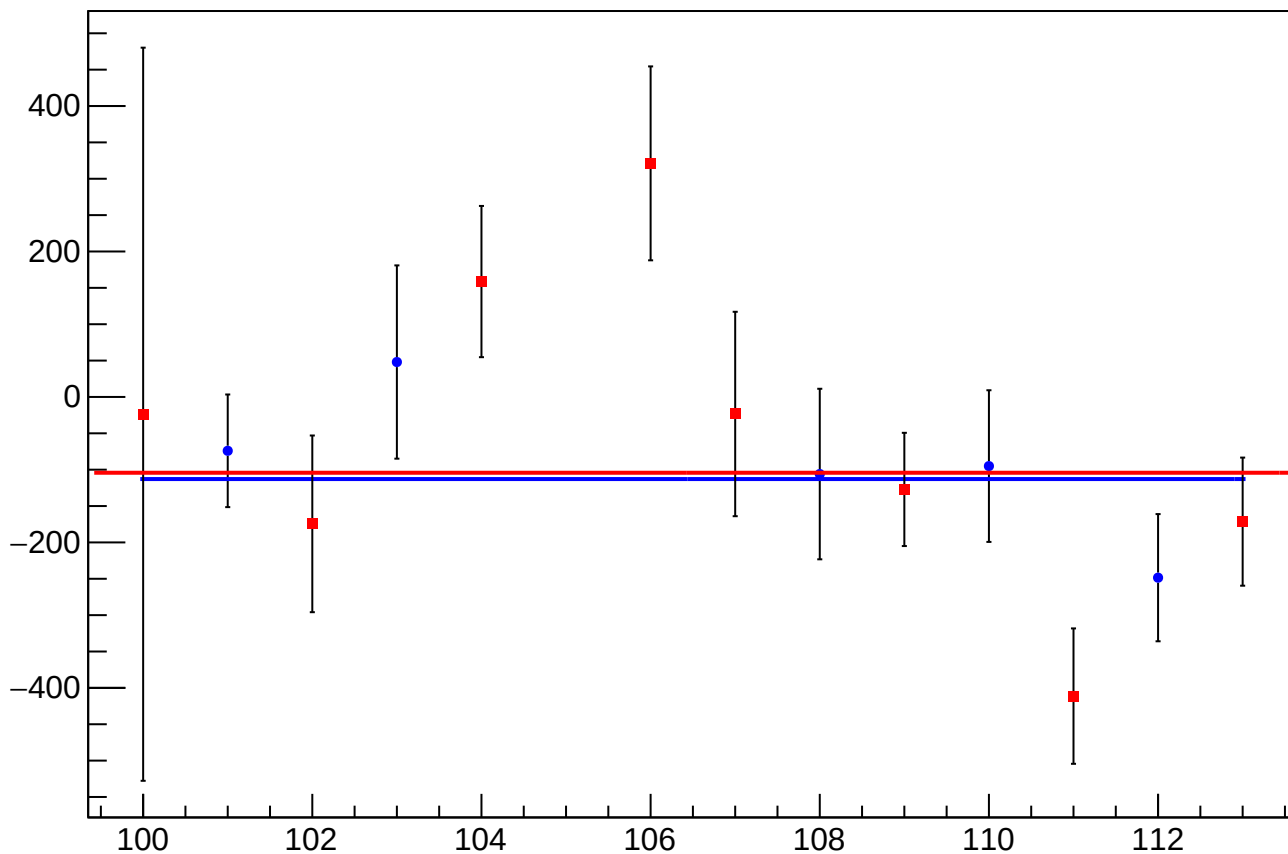
Right: 113.909+/-0.038 χ^2/NDF : 2559583.5/12

In: 123.248+/-0.062 χ^2/NDF : 1112457.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.909+/-0.038 χ^2/NDF : 2559583.5/12

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: -104.219 ± 38.334 χ^2/NDF : 28.8/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

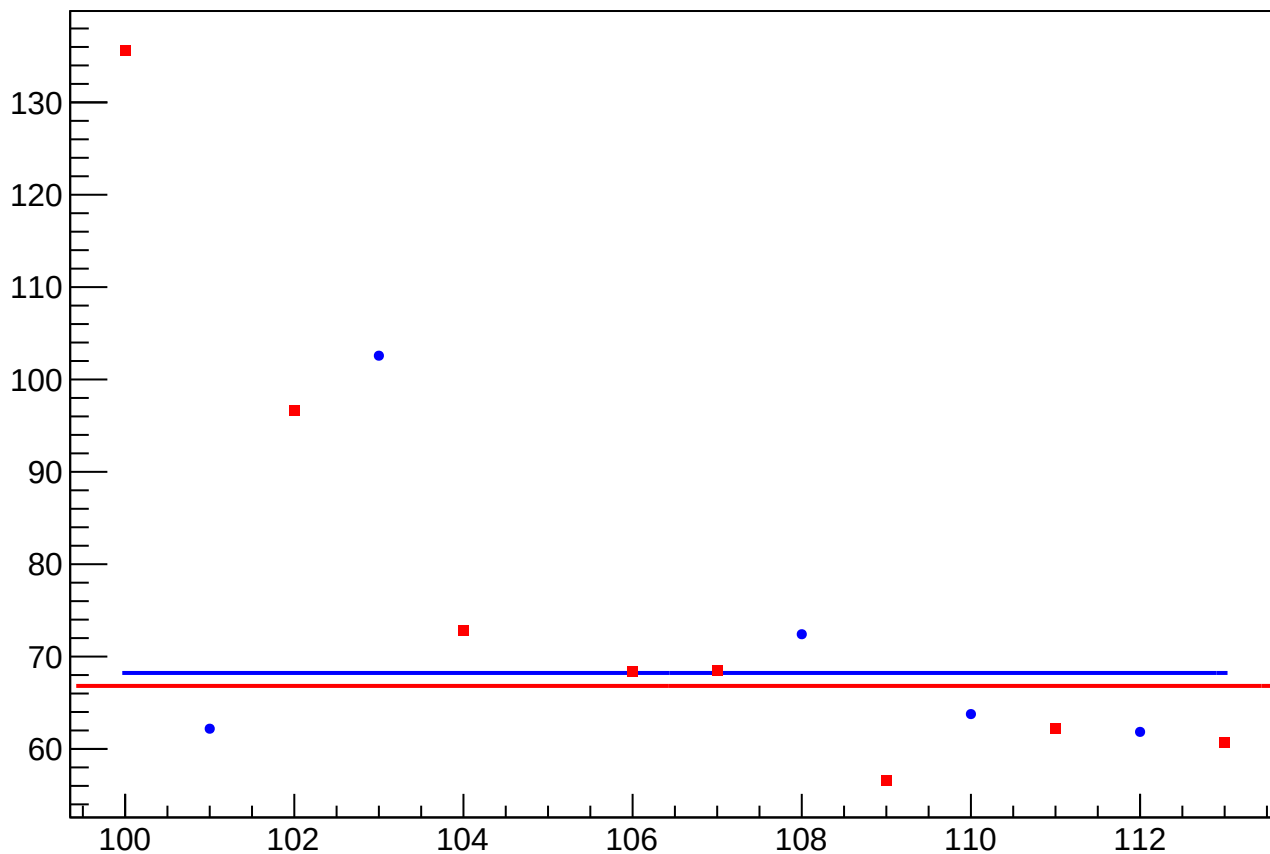
Right: -107.970 ± 28.874 χ^2/NDF : 33.0/12

In: -112.890 ± 43.897 χ^2/NDF : 4.2/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -107.970 ± 28.874 χ^2/NDF : 33.0/12

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: 66.823+/-0.027 χ^2/NDF : 213566.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

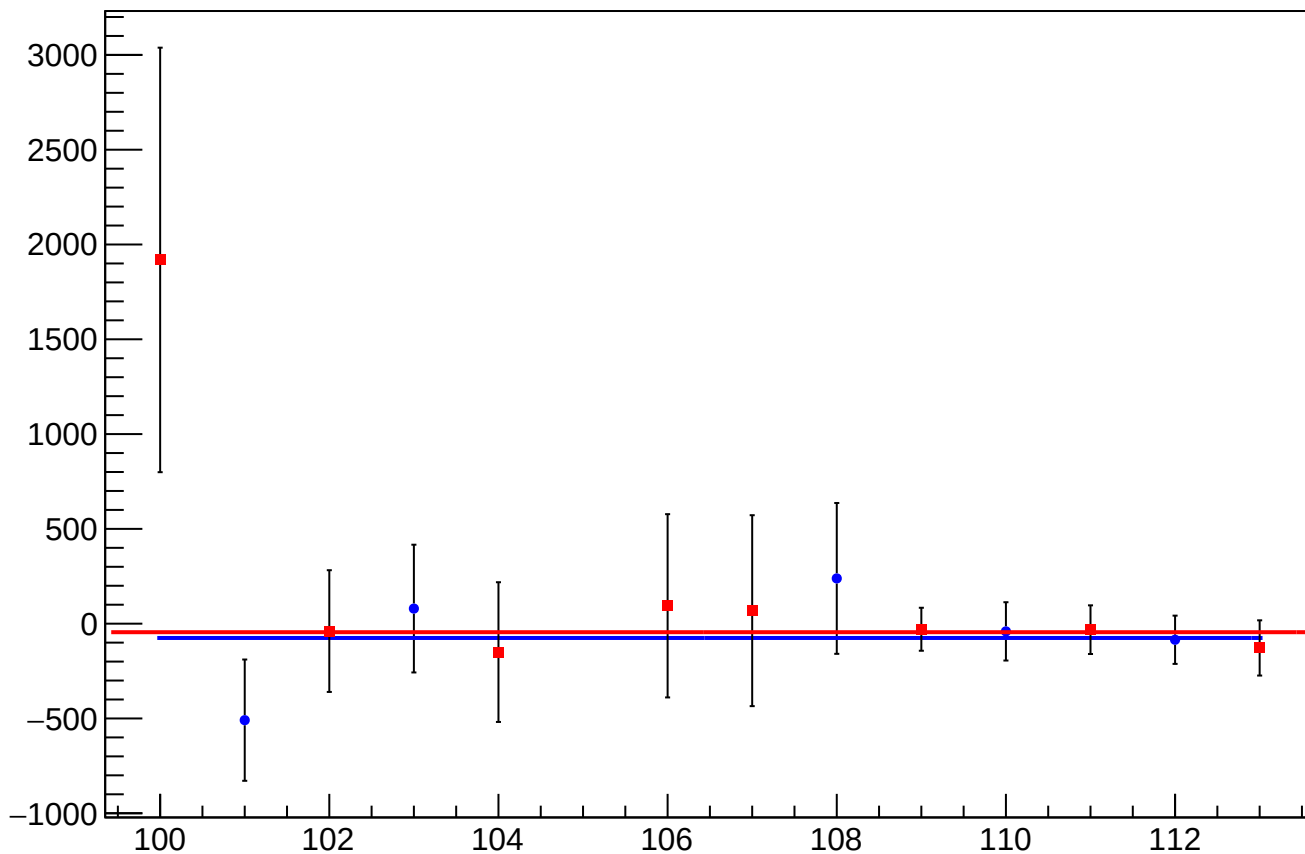
Right: 67.430+/-0.020 χ^2/NDF : 377370.8/12

In: 68.227+/-0.031 χ^2/NDF : 162644.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.430+/-0.020 χ^2/NDF : 377370.8/12

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: -45.011+/-68.730 χ^2/NDF : 3.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

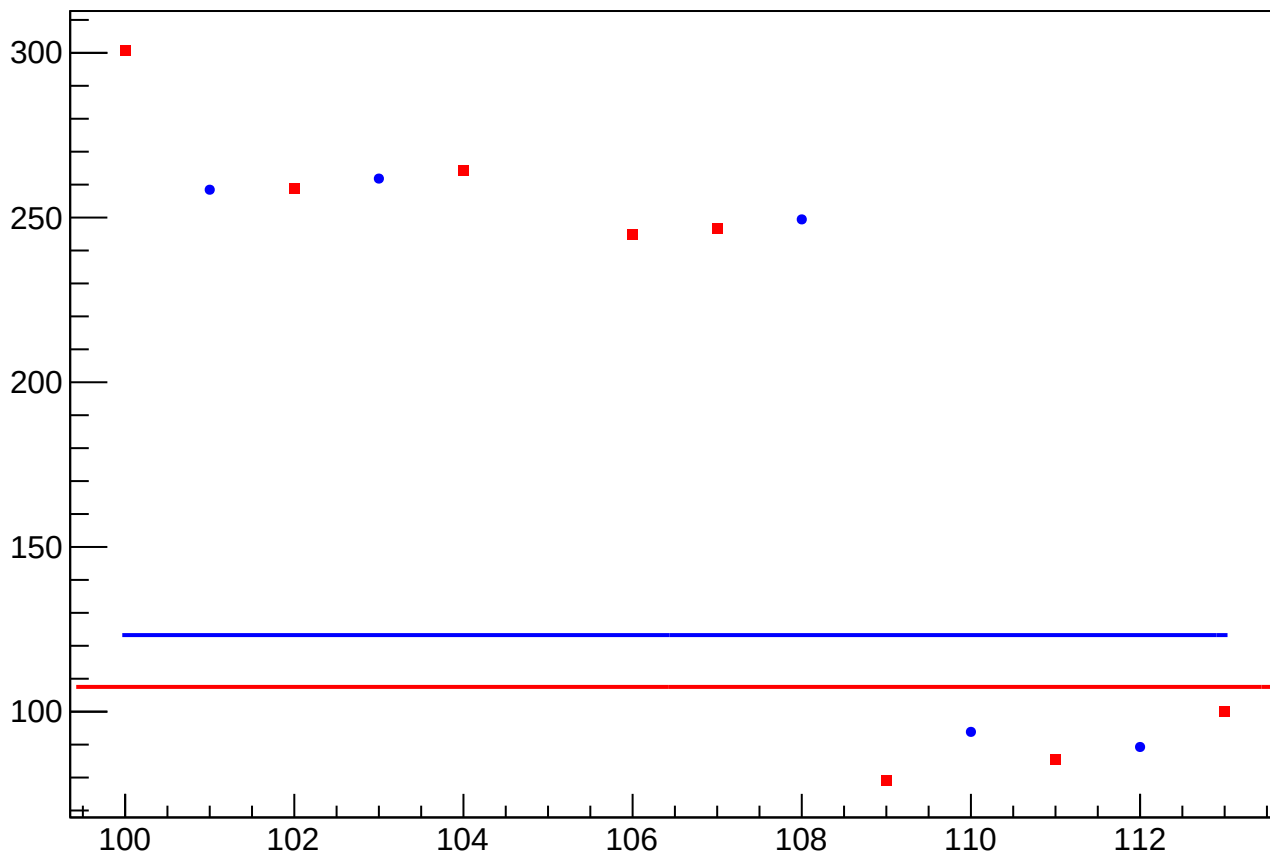
Right: -56.532+/-54.182 χ^2/NDF : 6.4/12

In: -75.448+/-88.067 χ^2/NDF : 2.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.532+/-54.182 χ^2/NDF : 6.4/12

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: 107.517+/-0.049 χ^2/NDF : 1369558.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

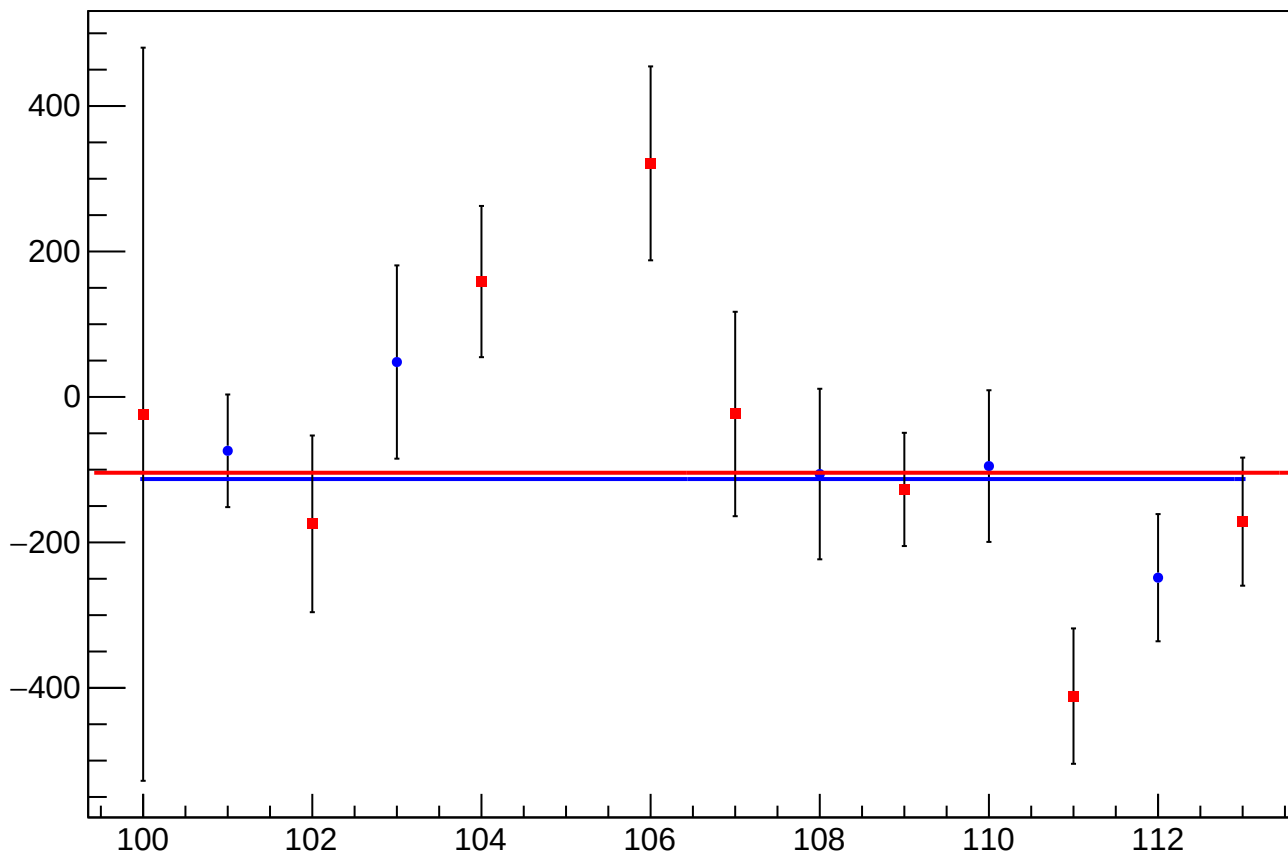
Right: 113.472+/-0.038 χ^2/NDF : 2521724.3/12

In: 123.248+/-0.062 χ^2/NDF : 1112510.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.472+/-0.038 χ^2/NDF : 2521724.3/12

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: -104.219 ± 38.334 χ^2/NDF : 28.8/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

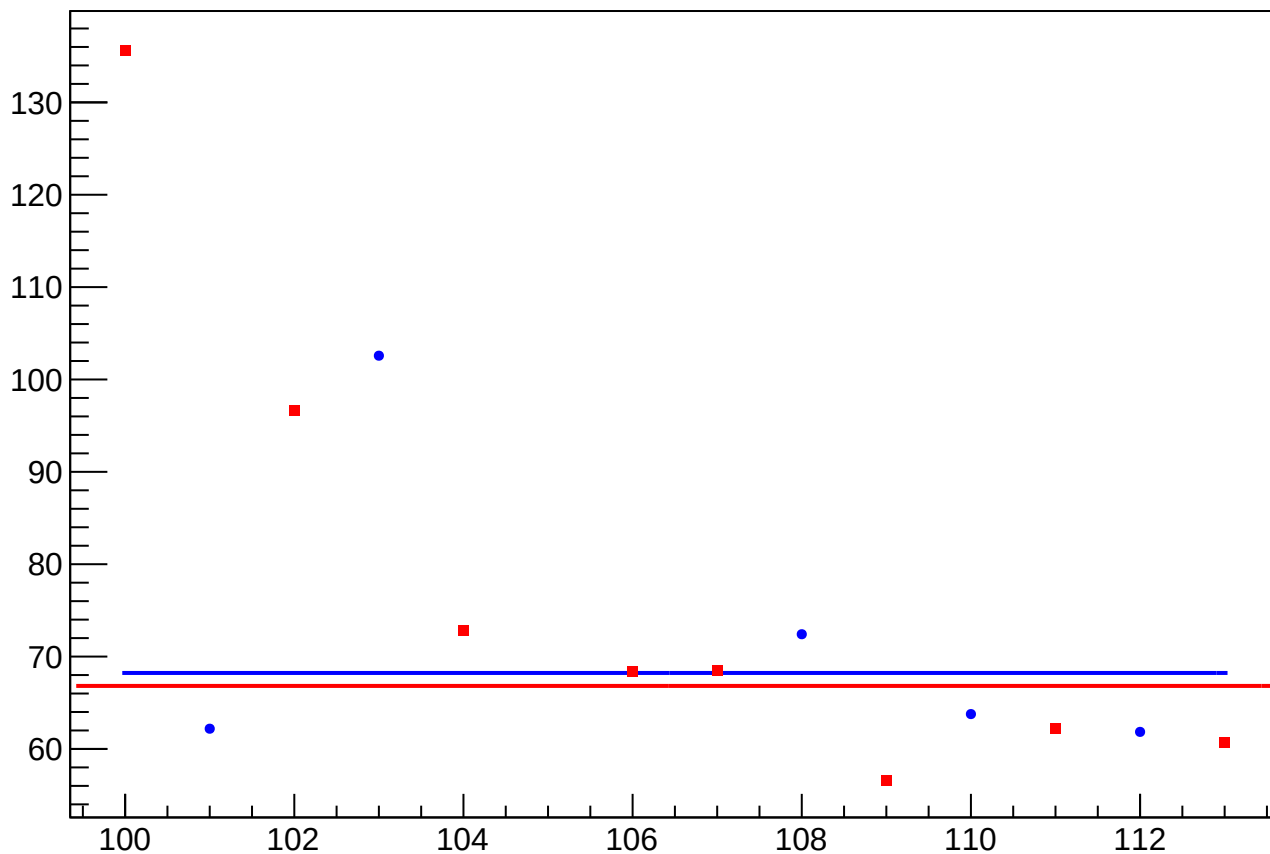
Right: -107.970 ± 28.874 χ^2/NDF : 33.0/12

In: -112.890 ± 43.897 χ^2/NDF : 4.2/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -107.970 ± 28.874 χ^2/NDF : 33.0/12

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: 66.823 $\pm$ 0.027 χ^2 /NDF: 213566.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

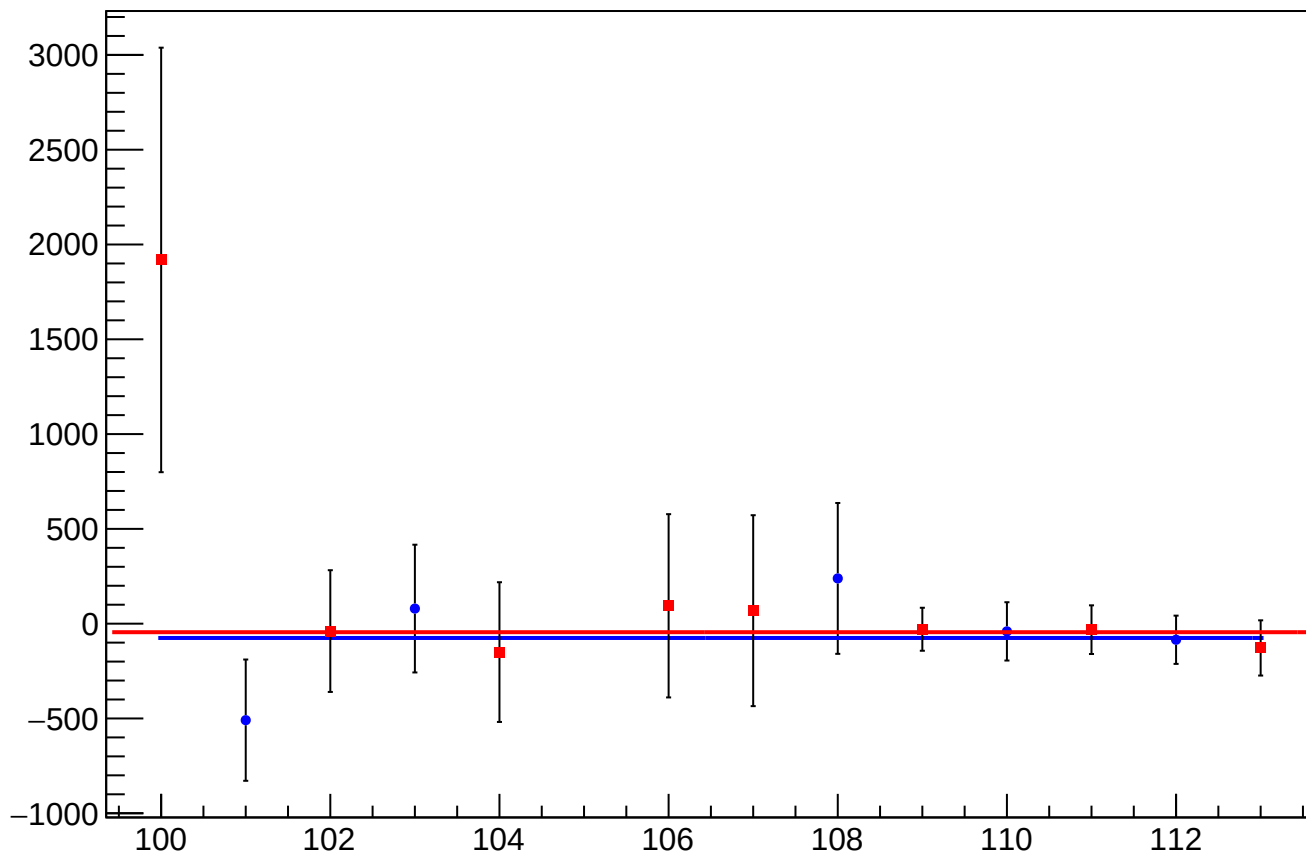
Right: 67.430 $\pm$ 0.020 χ^2 /NDF: 377370.8/12

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: 67.430 $\pm$ 0.020 χ^2 /NDF: 377370.8/12

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: -45.011 $\pm$ 68.730 χ^2 /NDF: 3.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

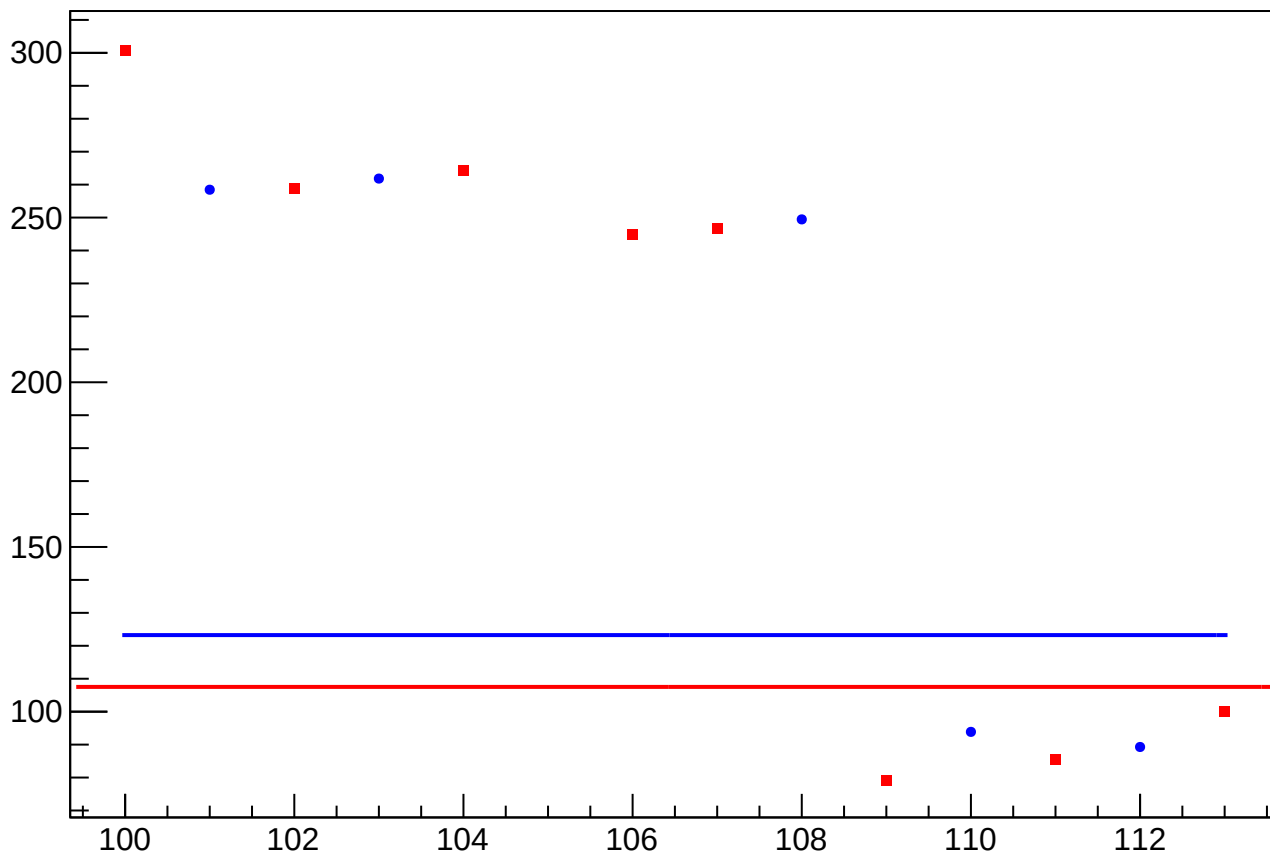
Right: -56.532 $\pm$ 54.182 χ^2 /NDF: 6.4/12

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: -56.532 $\pm$ 54.182 χ^2 /NDF: 6.4/12

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: 107.517+/-0.049 χ^2/NDF : 1369558.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

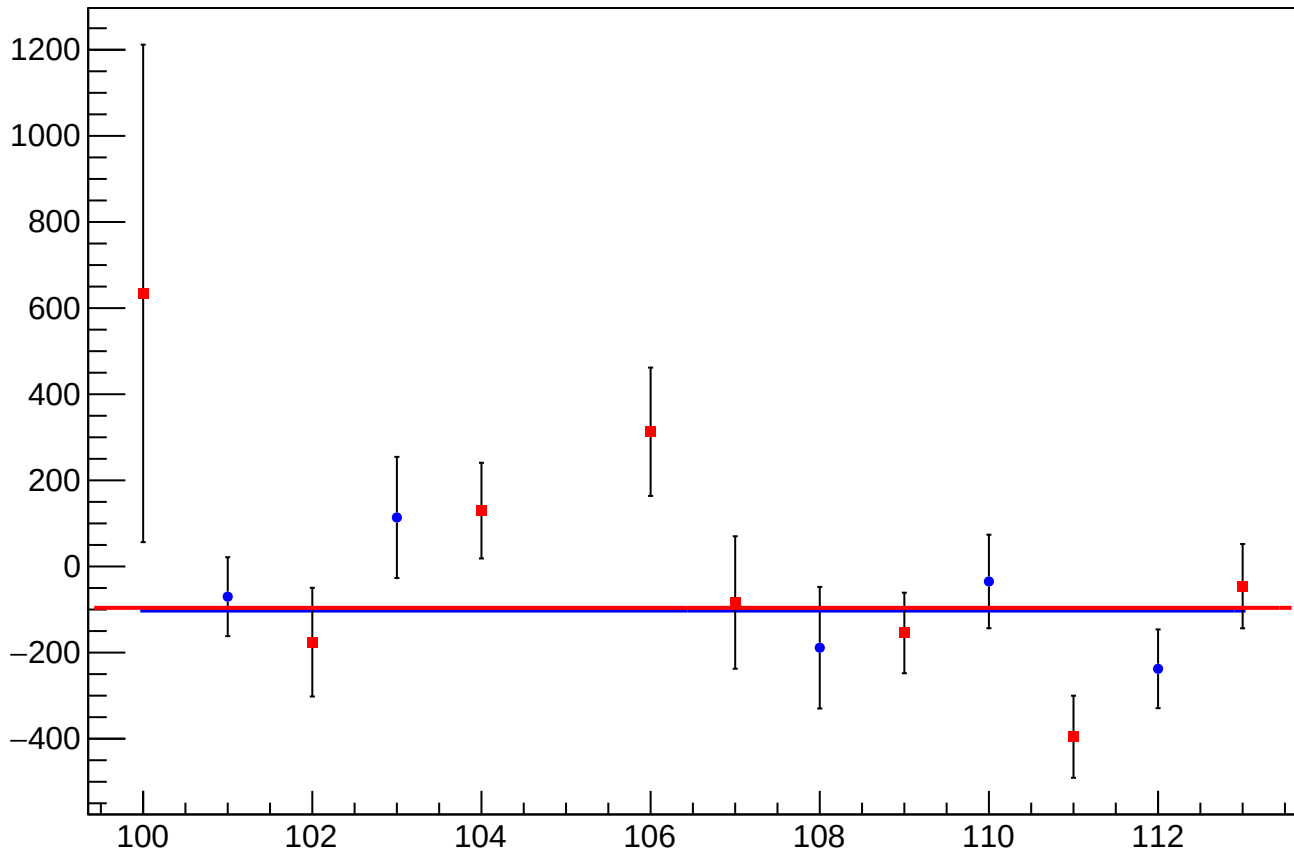
Right: 113.472+/-0.038 χ^2/NDF : 2521724.3/12

In: 123.248+/-0.062 χ^2/NDF : 1112510.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.472+/-0.038 χ^2/NDF : 2521724.3/12

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: -96.010+/-42.157 χ^2/NDF : 24.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

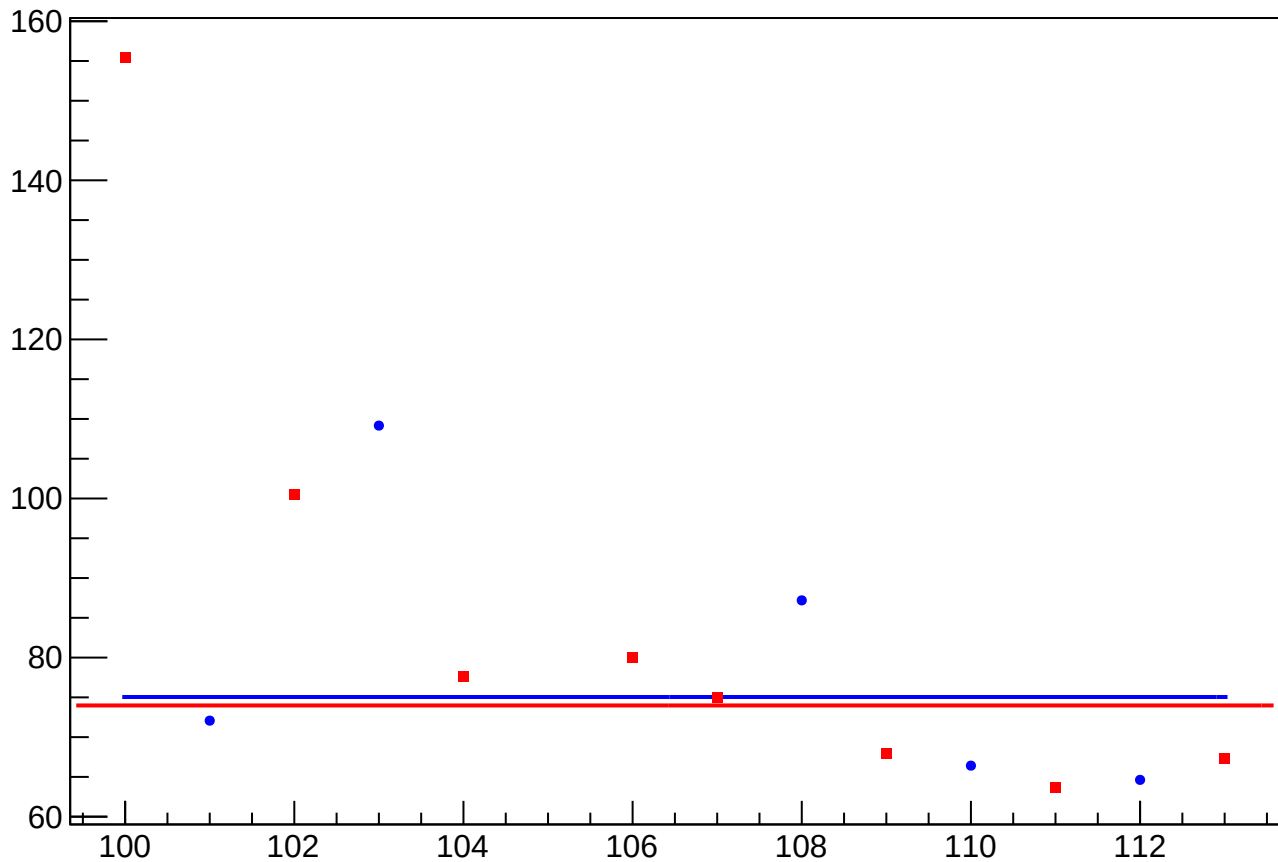
Right: -98.756+/-31.832 χ^2/NDF : 29.6/12

In: -102.398+/-48.551 χ^2/NDF : 5.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -98.756+/-31.832 χ^2/NDF : 29.6/12

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: 73.984+/-0.030 χ^2/NDF : 174050.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

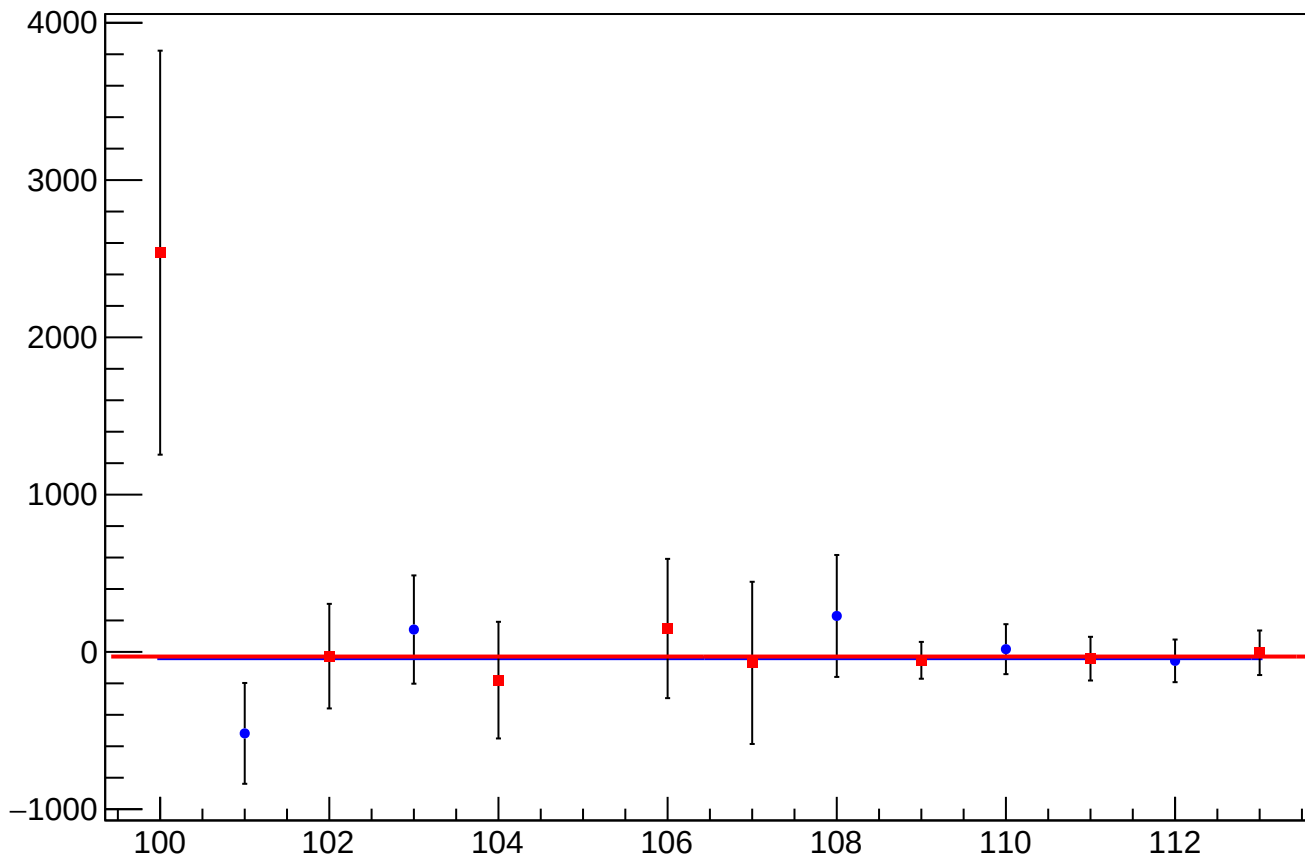
Right: 74.440+/-0.023 χ^2/NDF : 347703.0/12

In: 75.046+/-0.034 χ^2/NDF : 173106.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.440+/-0.023 χ^2/NDF : 347703.0/12

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: -29.539 ± 70.652 χ^2/NDF : 4.4/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

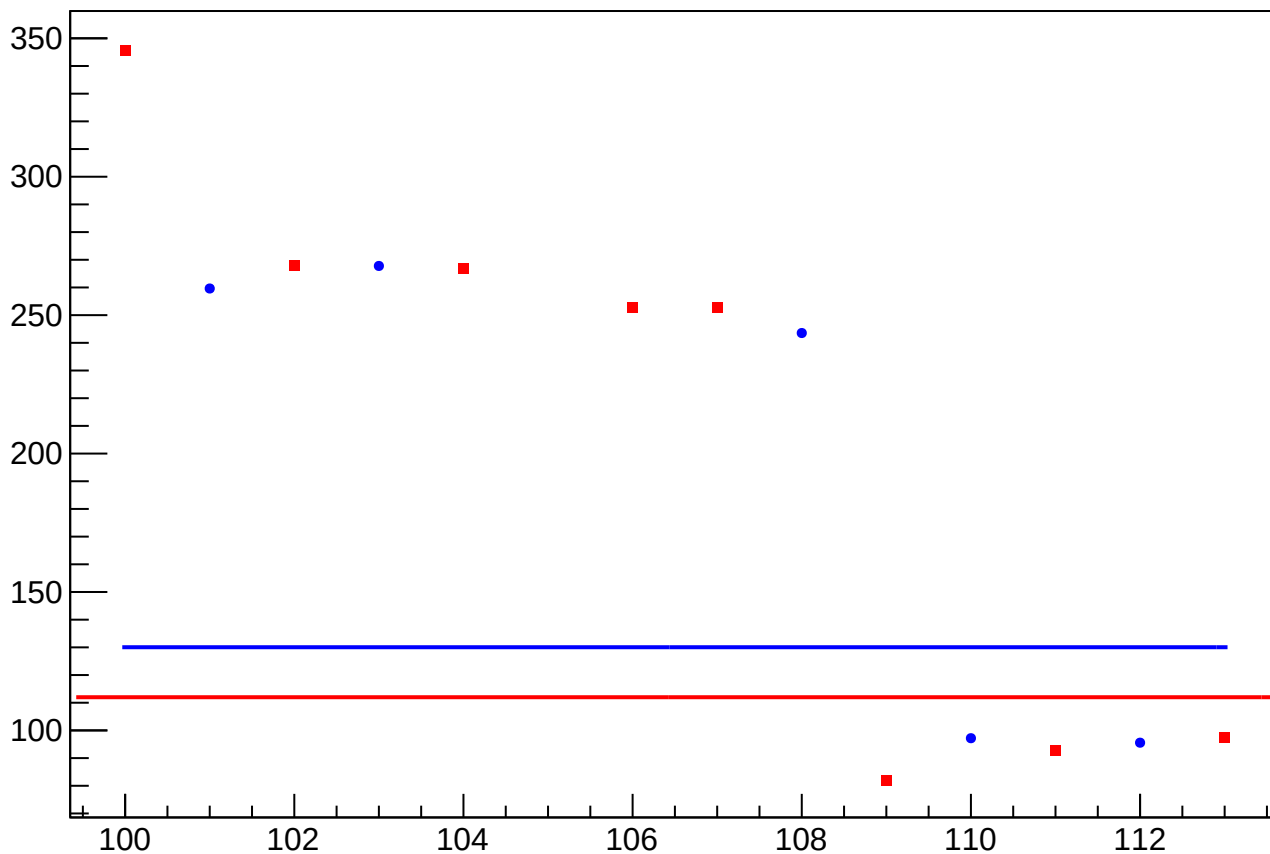
Right: -33.346 ± 55.972 χ^2/NDF : 7.5/12

In: -39.762 ± 91.721 χ^2/NDF : 3.1/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -33.346 ± 55.972 χ^2/NDF : 7.5/12

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: 111.987+/-0.050 χ^2/NDF : 1398503.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

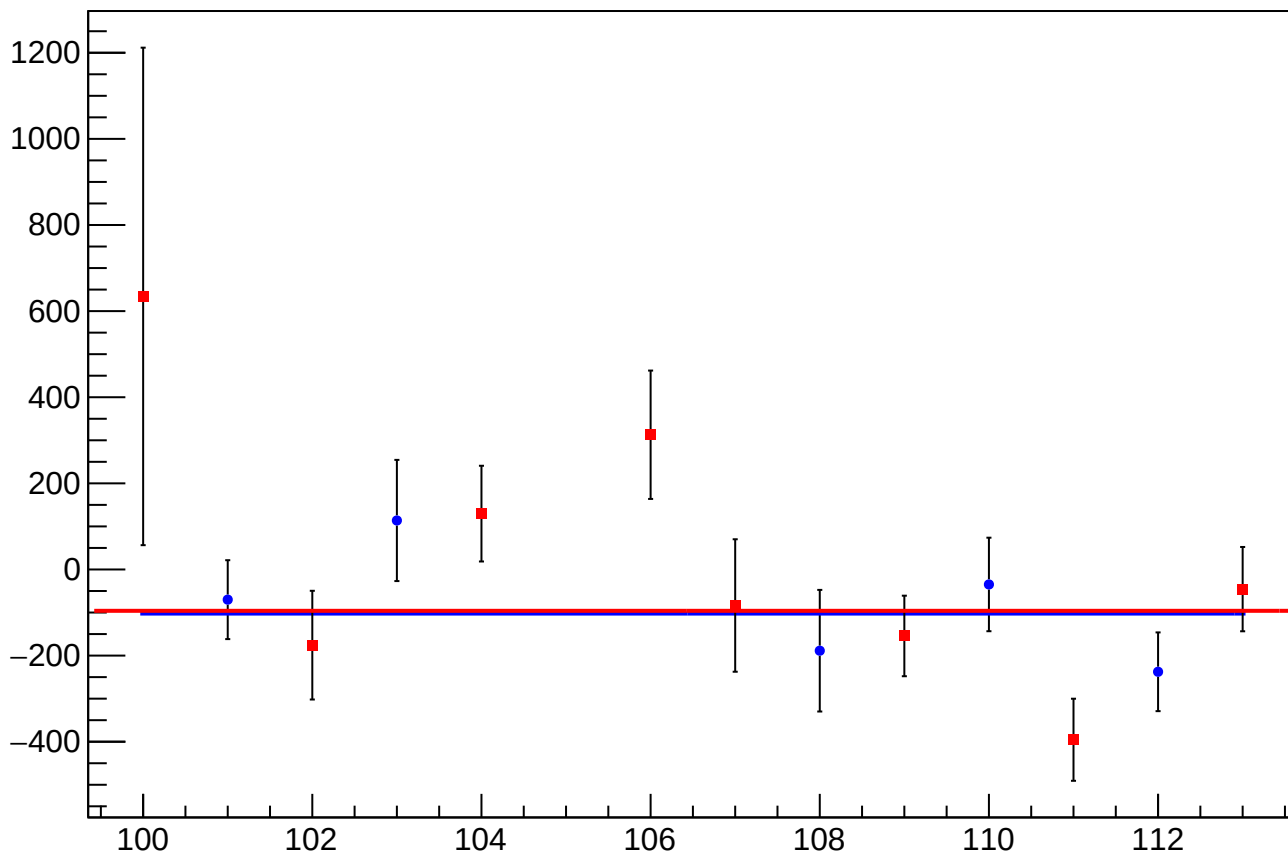
Right: 118.712+/-0.040 χ^2/NDF : 2480520.6/12

In: 130.047+/-0.065 χ^2/NDF : 1033353.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.712+/-0.040 χ^2/NDF : 2480520.6/12

eigen_dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -102.396+/-48.551 χ^2/NDF : 5.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -96.012+/-42.157 χ^2/NDF : 24.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

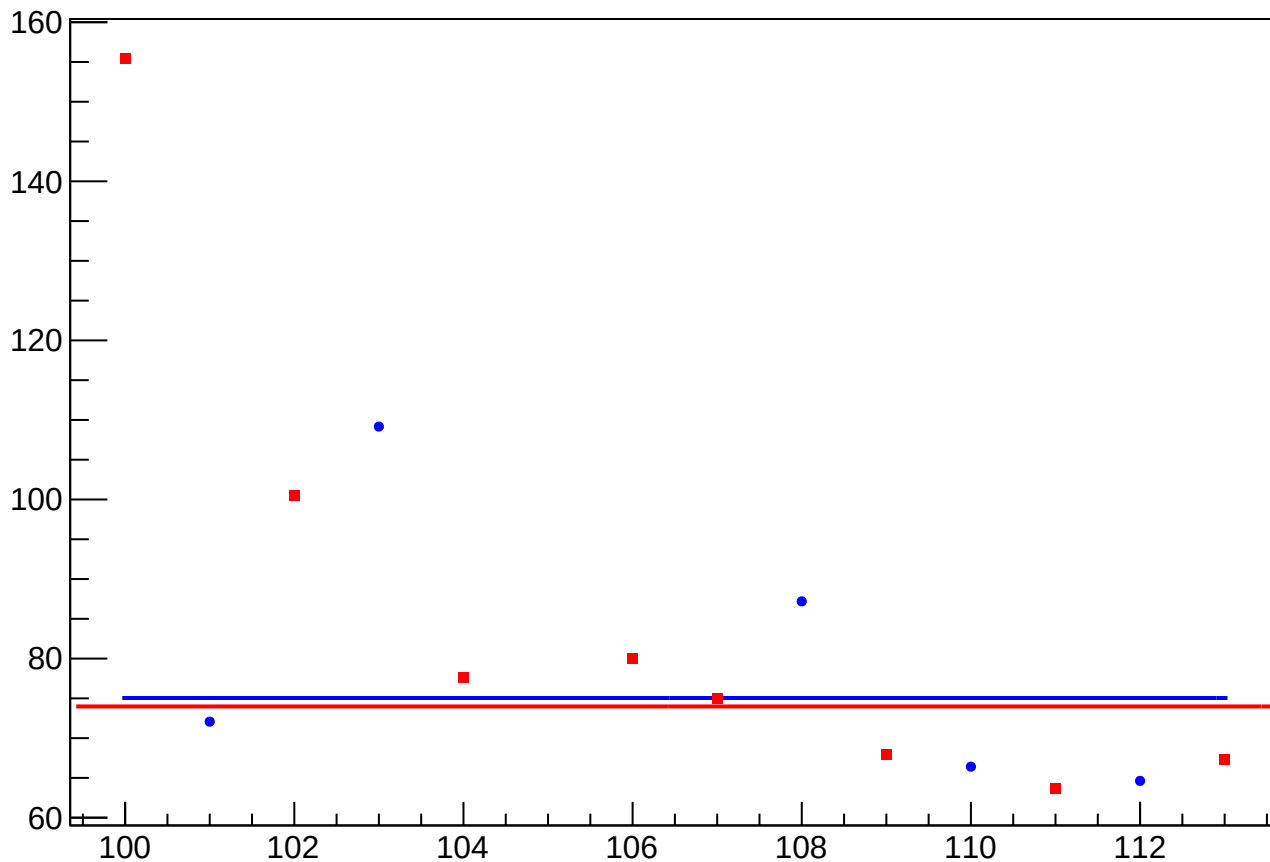
Right: -98.756+/-31.832 χ^2/NDF : 29.6/12

In: -102.396+/-48.551 χ^2/NDF : 5.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -98.756+/-31.832 χ^2/NDF : 29.6/12

eigen_dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 75.046+/-0.034 χ^2/NDF : 173107.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.984+/-0.030 χ^2/NDF : 174052.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

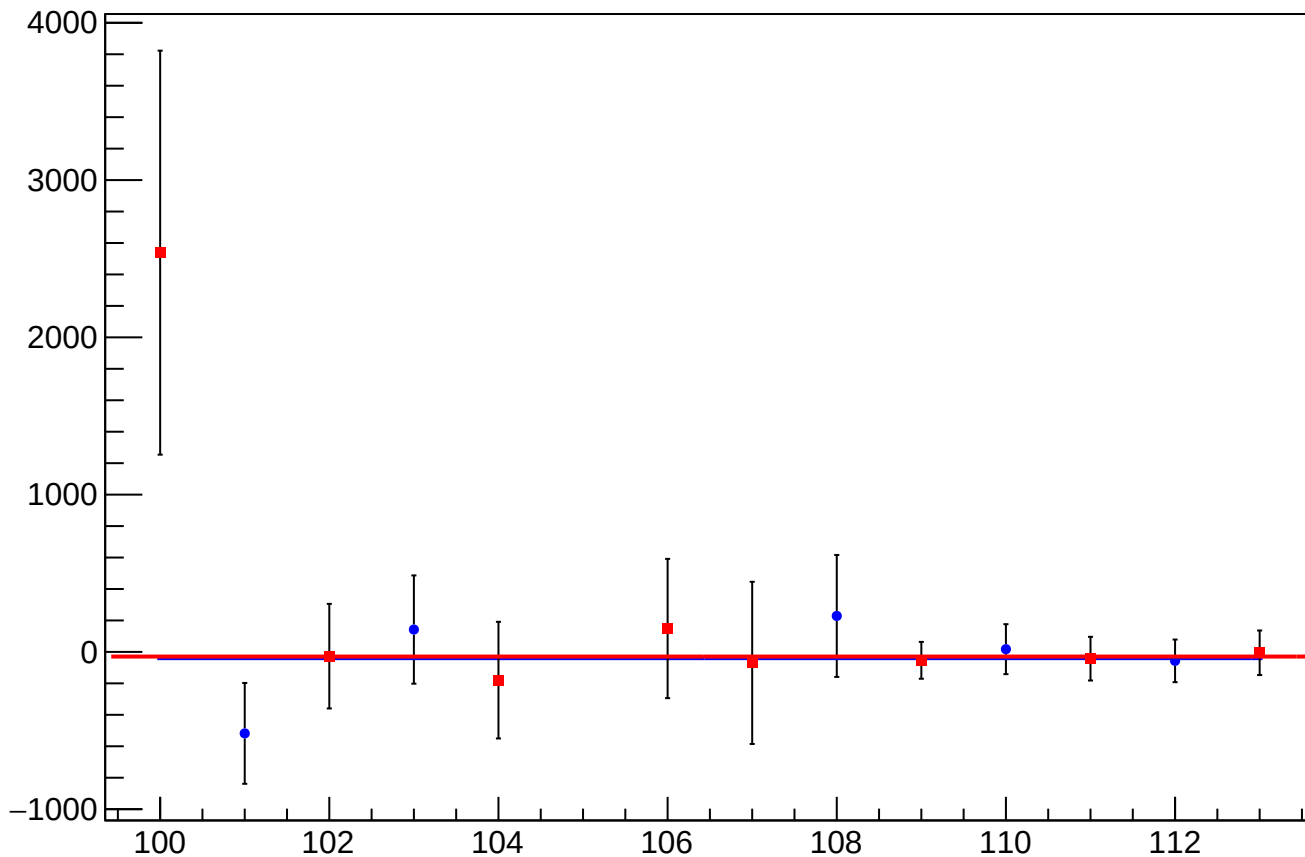
Right: 74.440+/-0.023 χ^2/NDF : 347706.1/12

In: 75.046+/-0.034 χ^2/NDF : 173107.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.440+/-0.023 χ^2/NDF : 347706.1/12

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: -29.541 ± 70.652 χ^2/NDF : 4.4/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

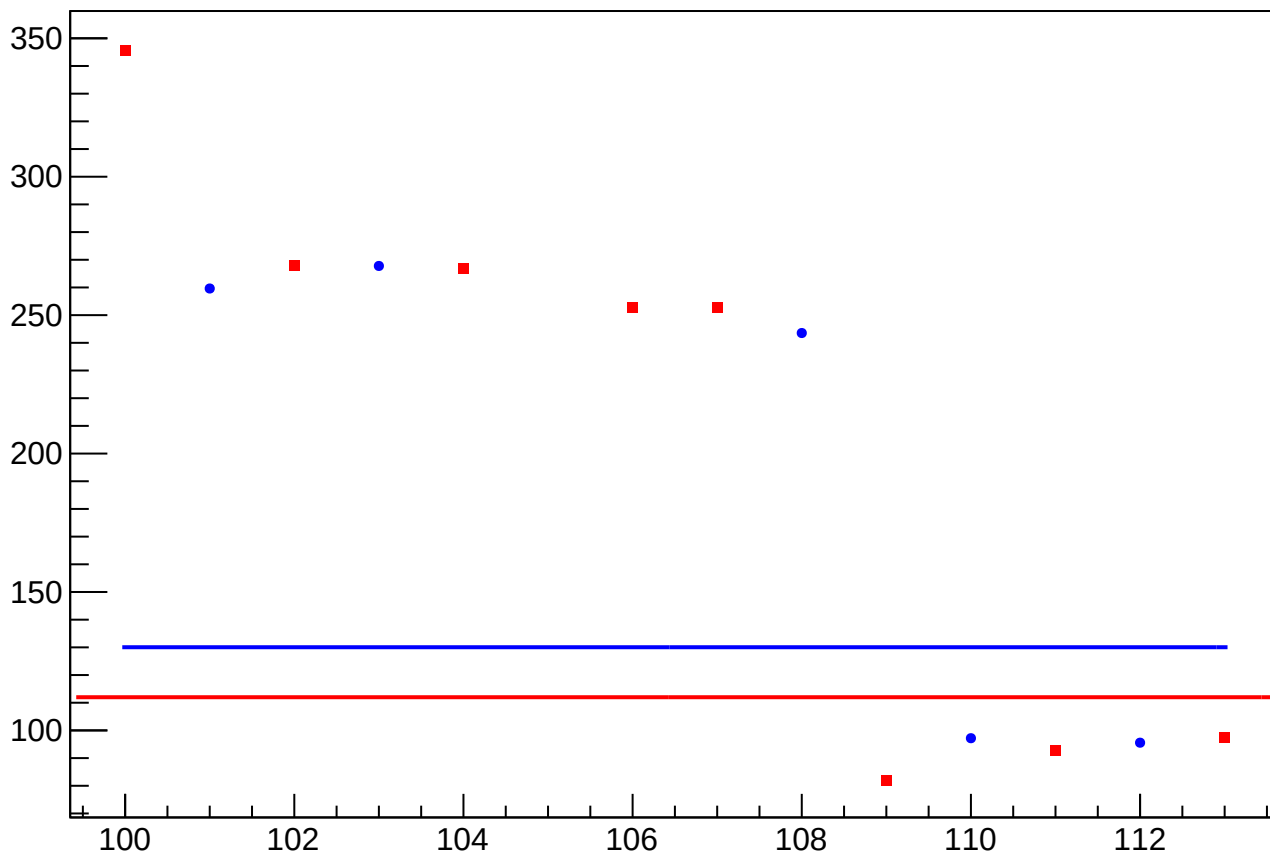
Right: -33.347 ± 55.971 χ^2/NDF : 7.5/12

In: -39.762 ± 91.720 χ^2/NDF : 3.1/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -33.347 ± 55.971 χ^2/NDF : 7.5/12

asym_sam8_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 130.046 $\pm$ 0.065 χ^2 /NDF: 1033354.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 111.987 $\pm$ 0.050 χ^2 /NDF: 1398489.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

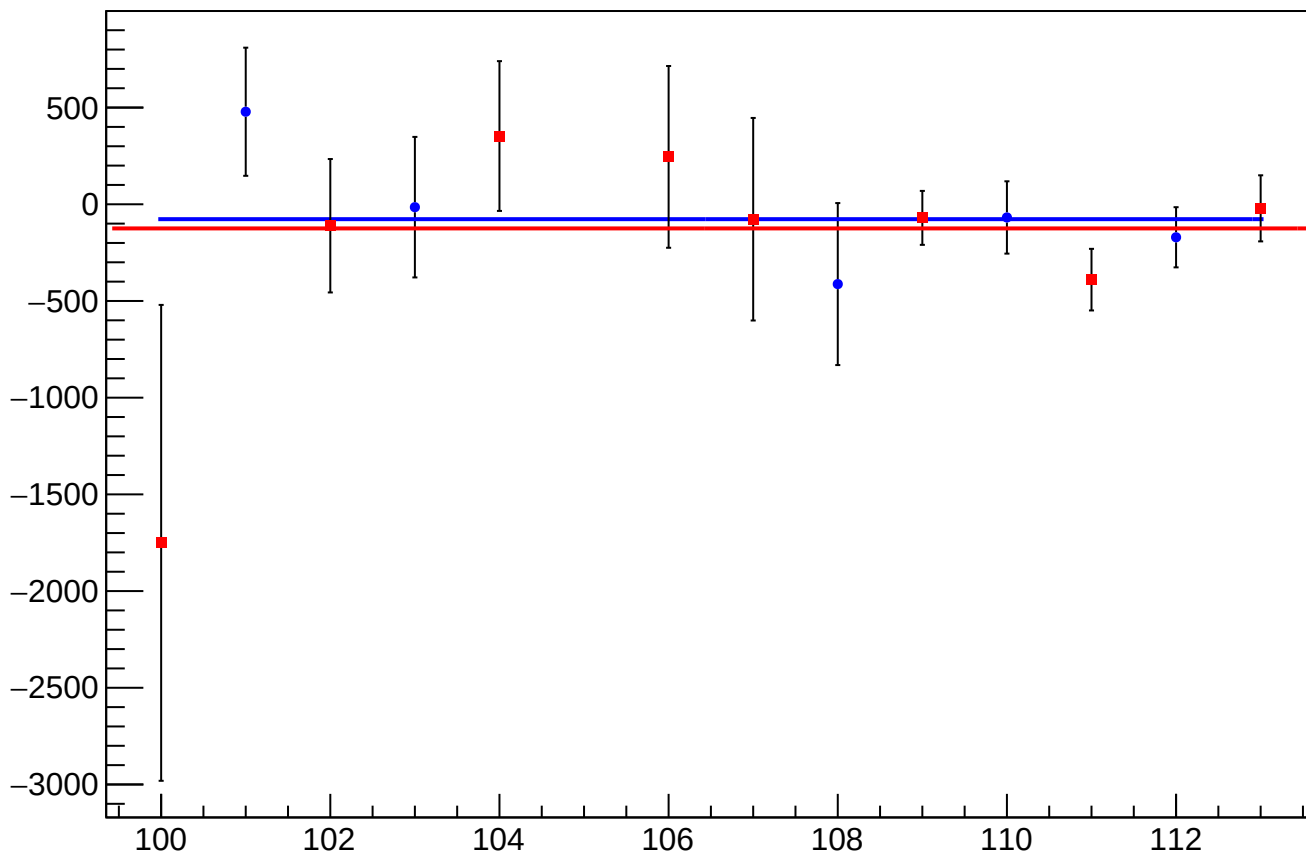
Right: 118.712 $\pm$ 0.040 χ^2 /NDF: 2480503.3/12

In: 130.046 $\pm$ 0.065 χ^2 /NDF:1033354.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 118.712 $\pm$ 0.040 χ^2 /NDF: 2480503.3/12

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: -124.859 ± 81.926 χ^2/NDF : 7.2/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

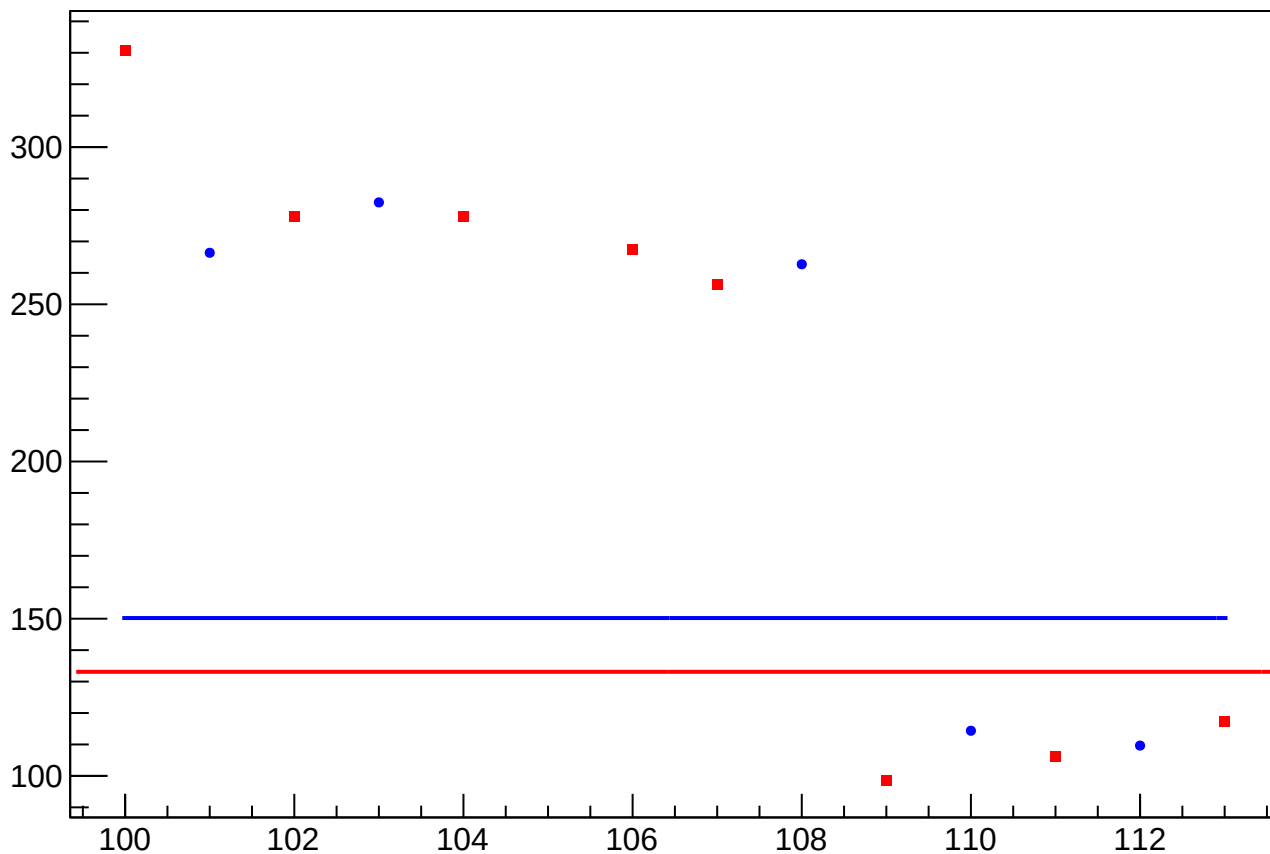
Right: -106.545 ± 64.377 χ^2/NDF : 11.2/12

In: -76.984 ± 104.086 χ^2/NDF : 3.8/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -106.545 ± 64.377 χ^2/NDF : 11.2/12

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: 133.109+/-0.058 χ^2/NDF : 1155126.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

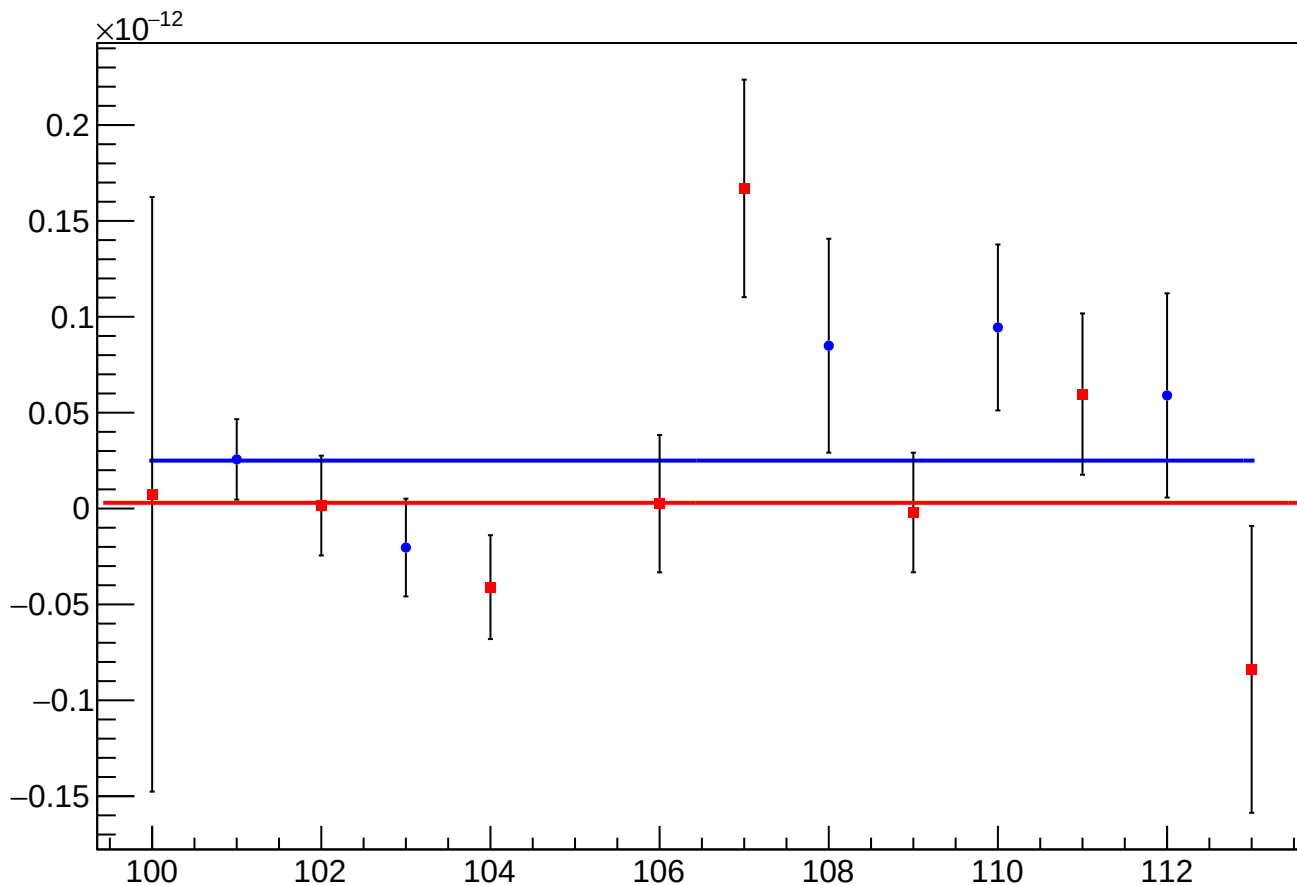
Right: 139.651+/-0.046 χ^2/NDF : 2053122.2/12

In: 150.211+/-0.074 χ^2/NDF : 864656.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.651+/-0.046 χ^2/NDF : 2053122.2/12

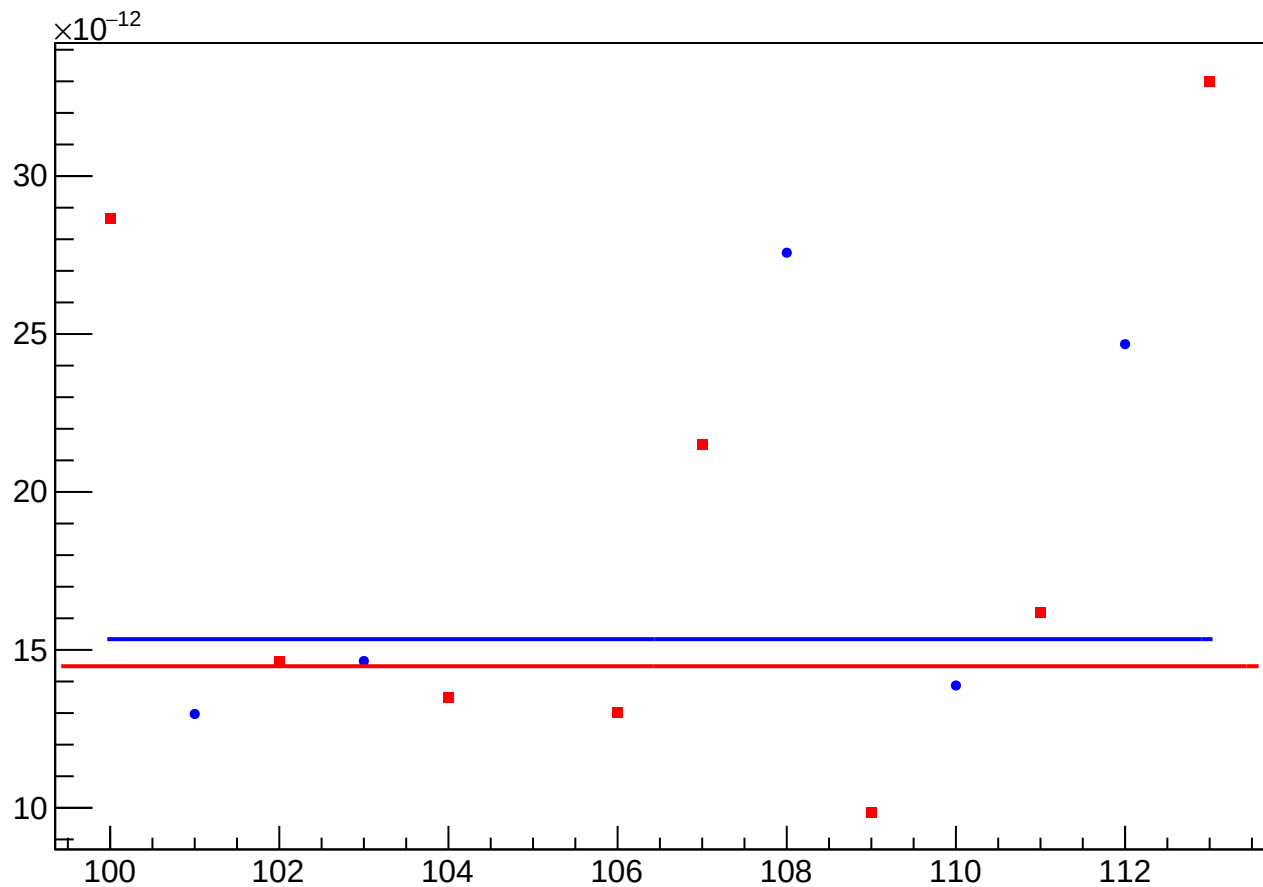
asym_sam8_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 14.2/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 22.8/12
 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 : 22.8/12

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 : 223087.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

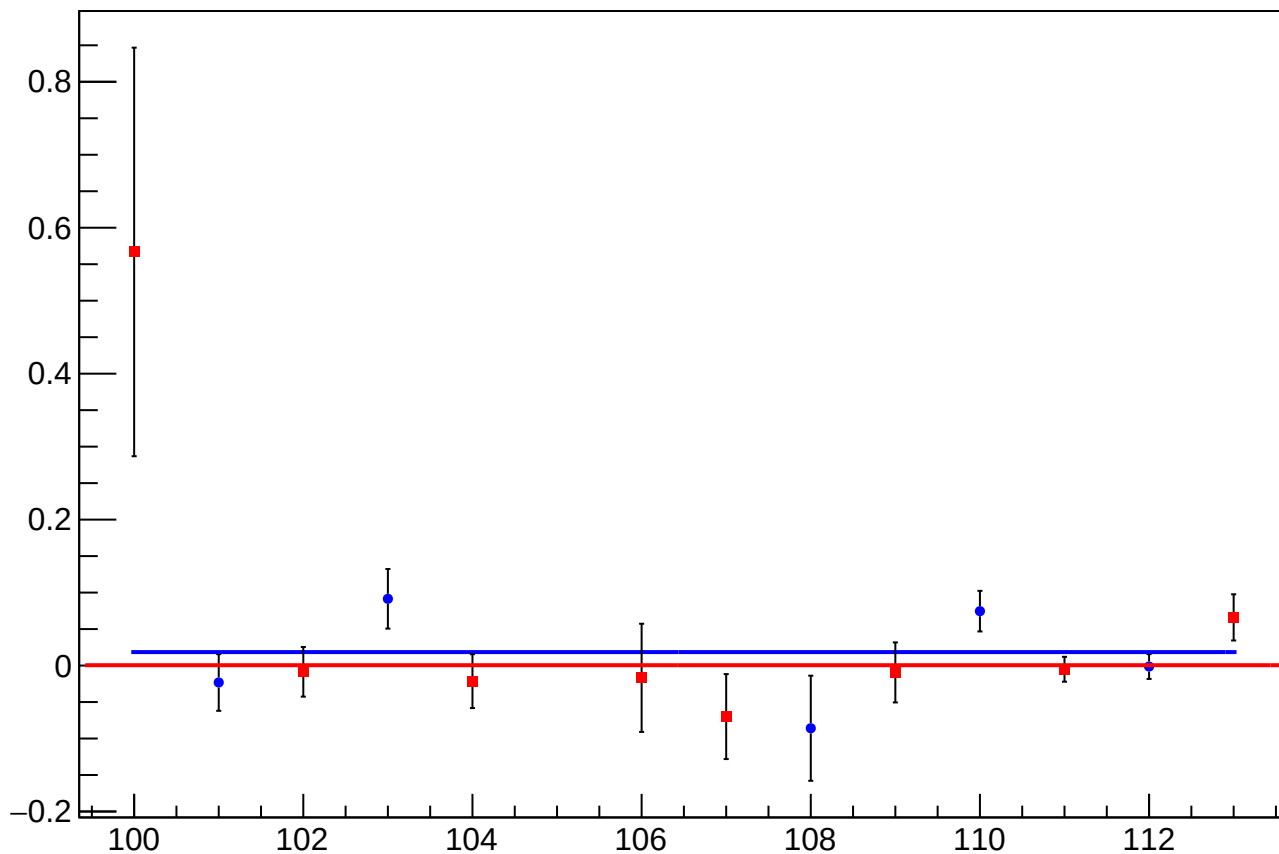
Right: 0.000+/-0.000 χ^2/NDF : 414048.4/12

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 : 414048.4/12

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: 0.000+/-0.012 χ^2/NDF : 10.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

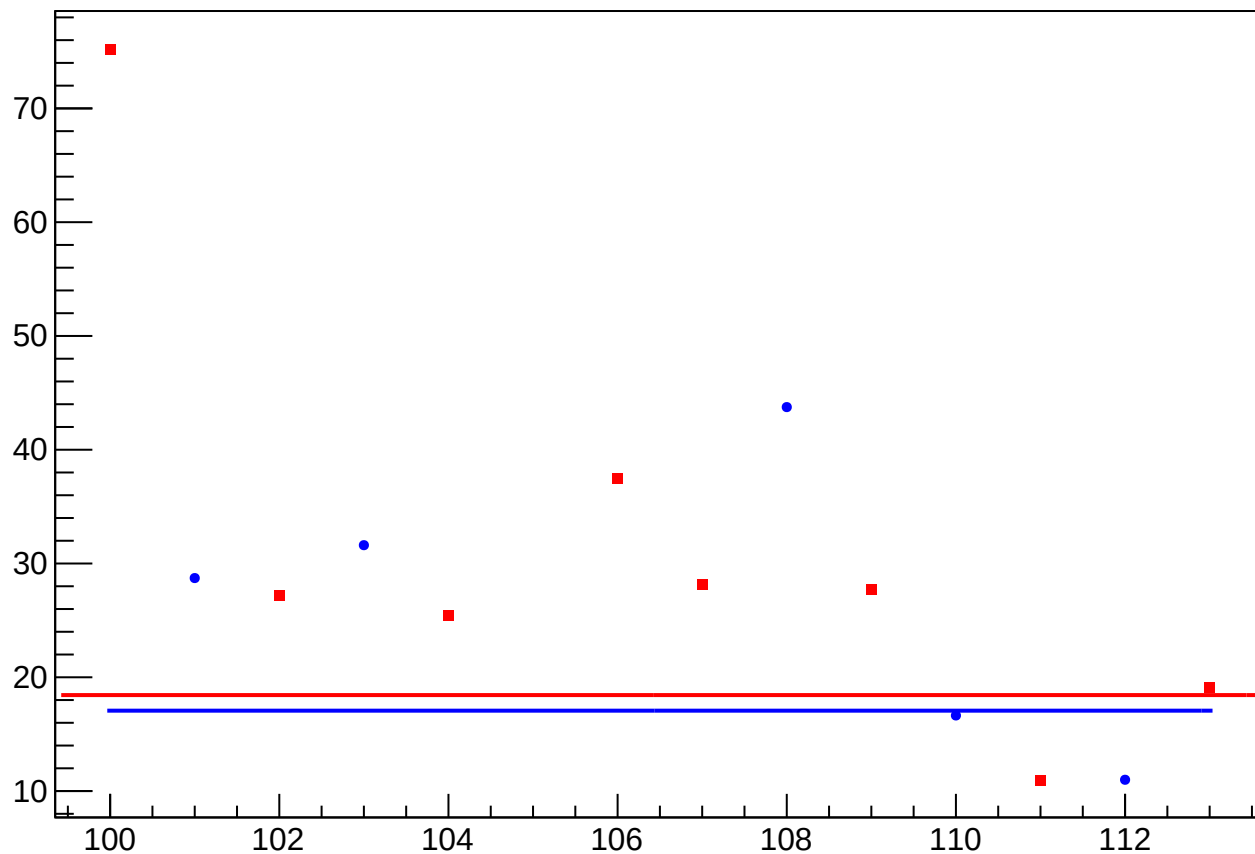
Right: 0.009+/-0.009 χ^2/NDF : 23.4/12

In: 0.018+/-0.013 χ^2/NDF : 11.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.009 χ^2/NDF : 23.4/12

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: 18.436+/-0.008 χ^2/NDF : 966256.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

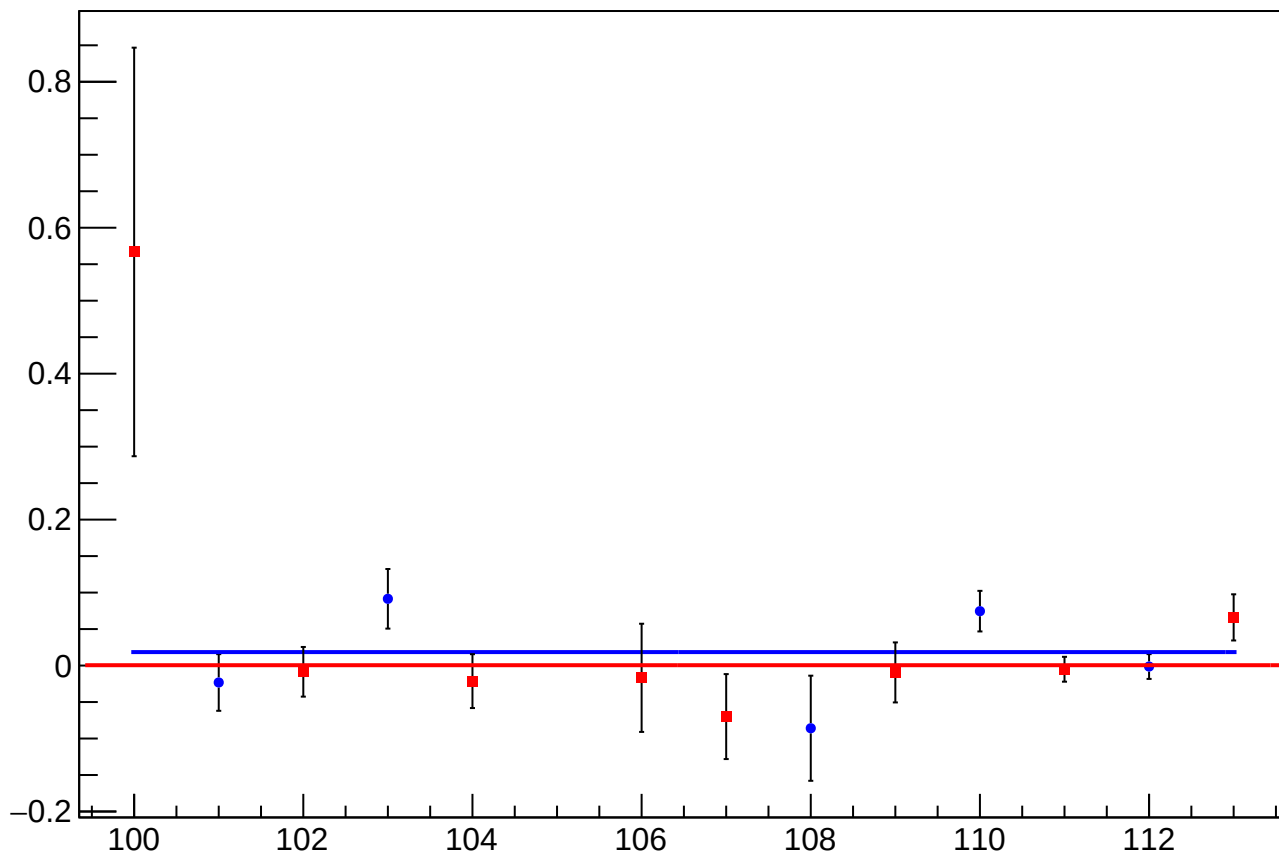
Right: 17.797+/-0.006 χ^2/NDF : 1943032.3/12

In: 17.066+/-0.009 χ^2/NDF : 964319.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.797+/-0.006 χ^2/NDF : 1943032.3/12

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: 0.000+/-0.012 χ^2/NDF : 10.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

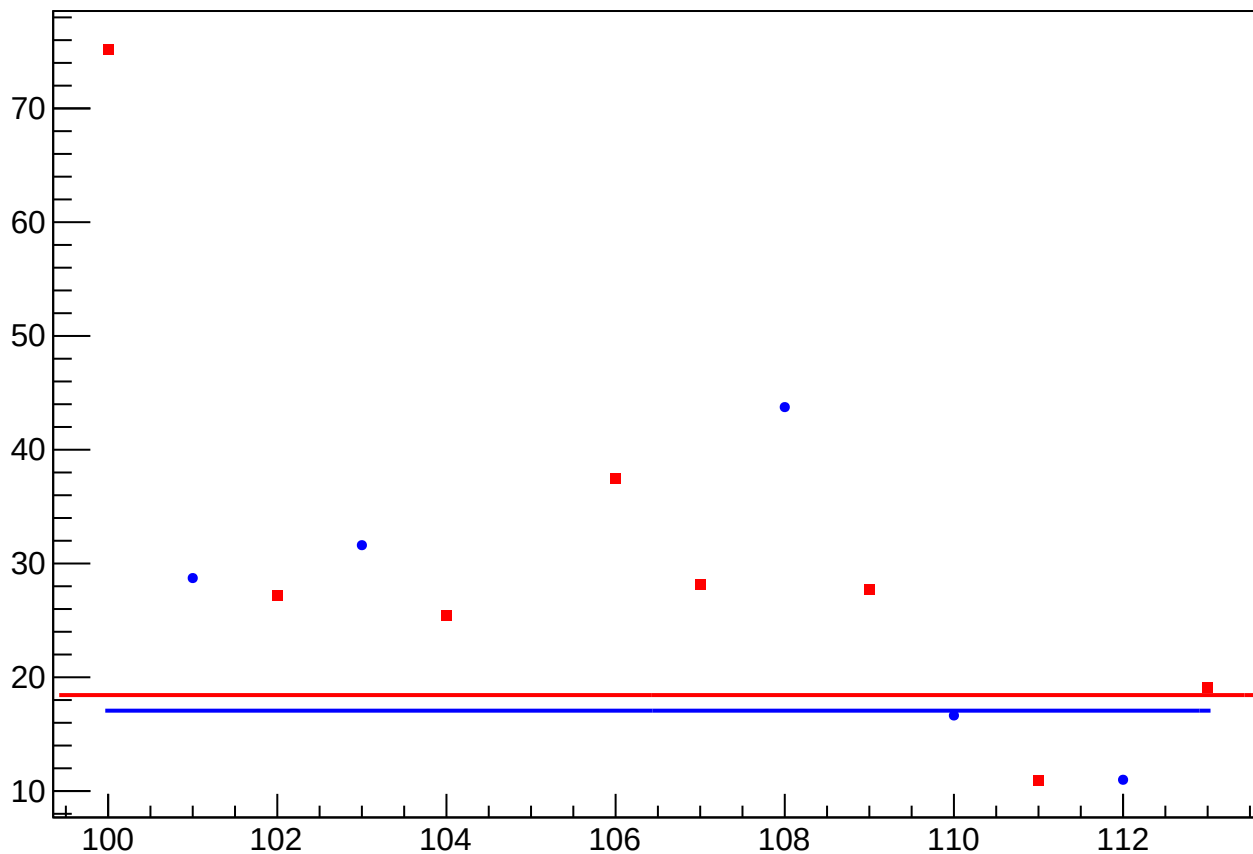
Right: 0.009+/-0.009 χ^2/NDF : 23.4/12

In: 0.018+/-0.013 χ^2/NDF : 11.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.009 χ^2/NDF : 23.4/12

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: 18.436+/-0.008 χ^2/NDF : 966256.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

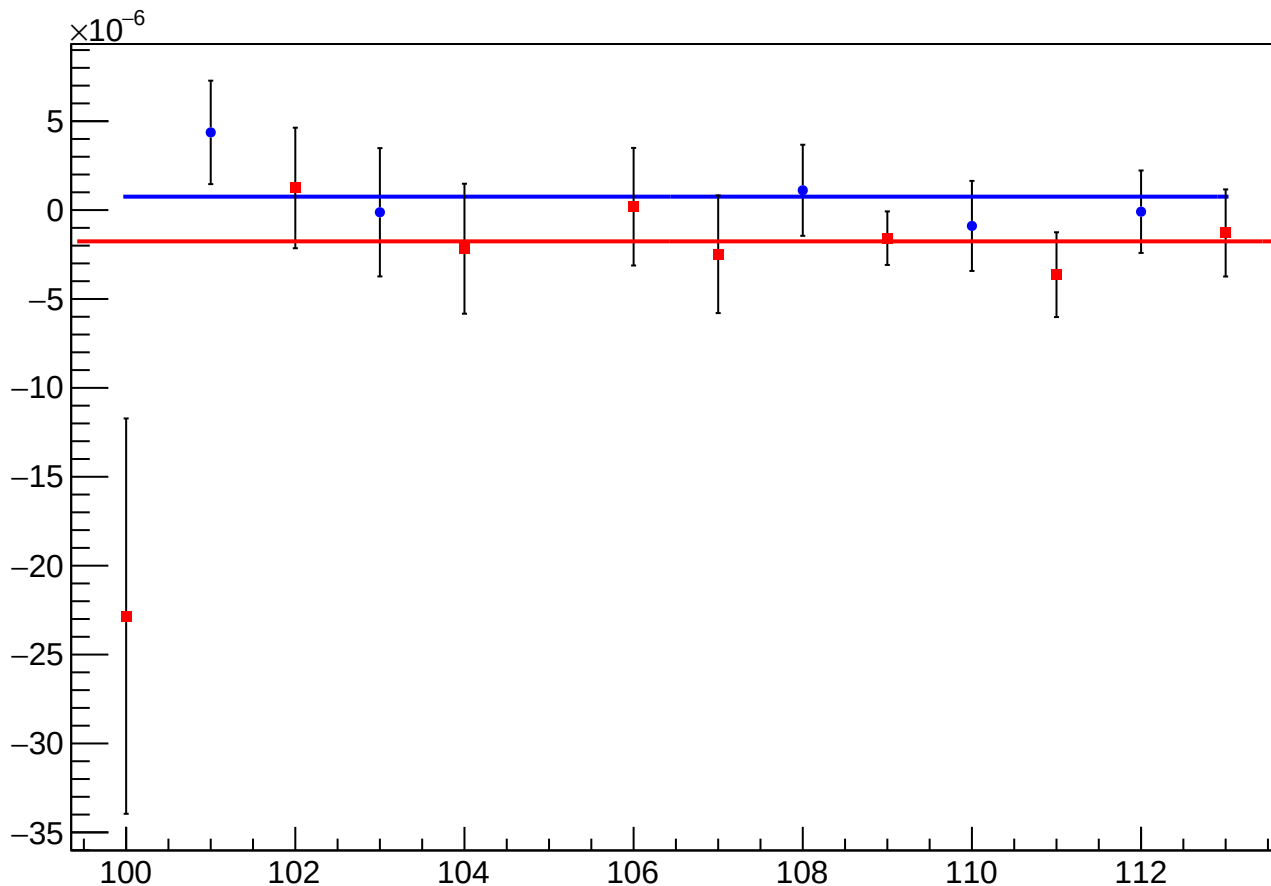
Right: 17.797+/-0.006 χ^2/NDF : 1943032.3/12

In: 17.066+/-0.009 χ^2/NDF : 964319.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.797+/-0.006 χ^2/NDF : 1943032.3/12

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 : 5.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

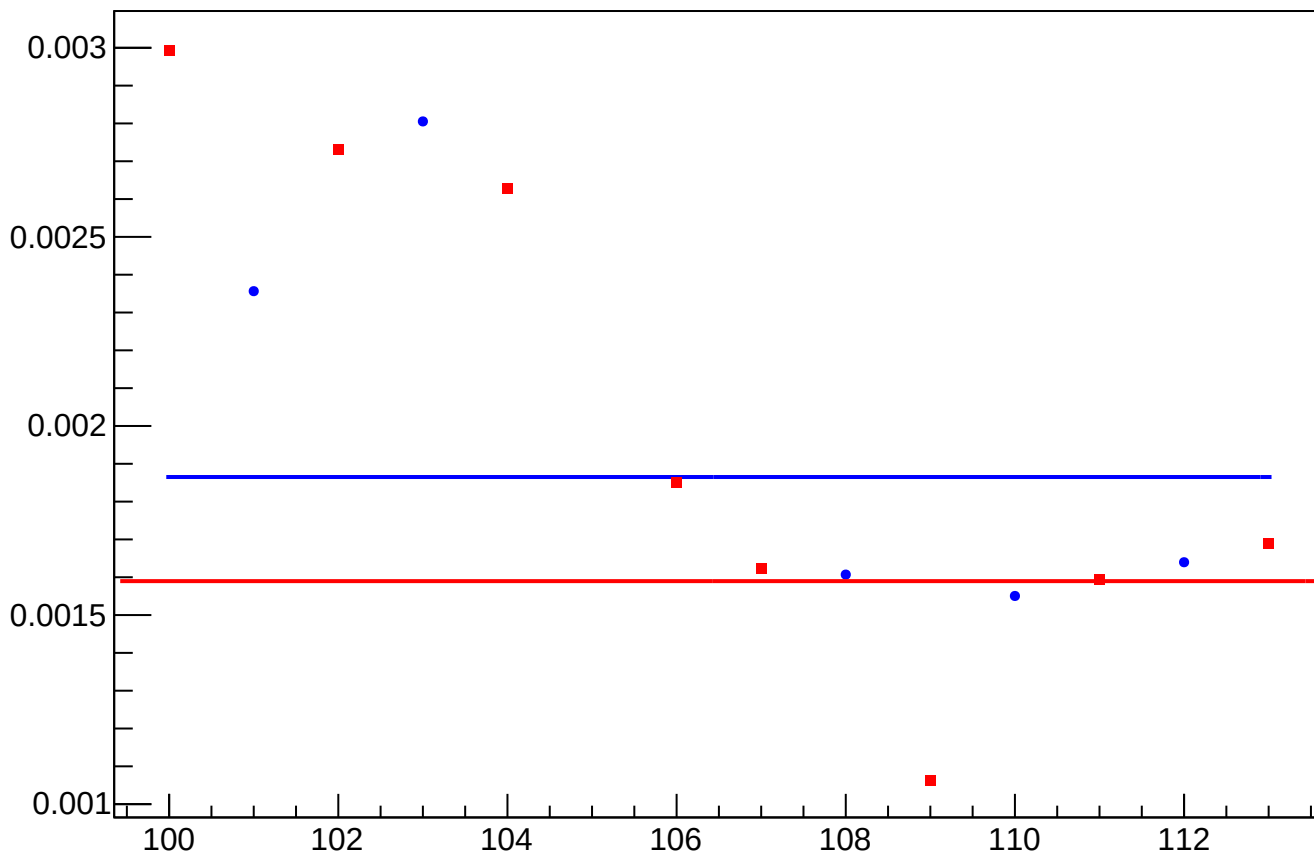
Right: -0.000+/-0.000 χ^2/NDF : 10.3/12

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 : 10.3/12

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 : 680738.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

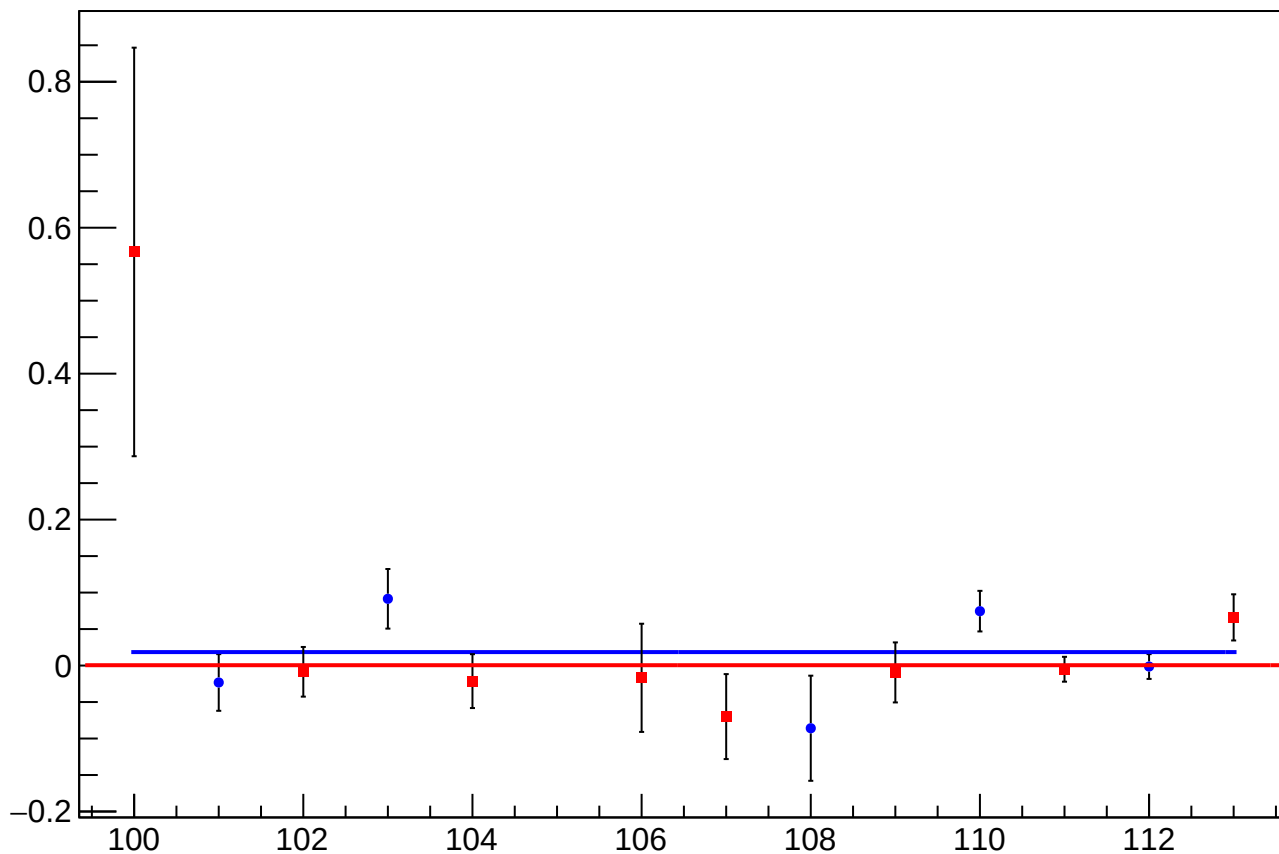
Right: 0.002+/-0.000 χ^2/NDF : 1008754.3/12

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 : 1008754.3/12

asym_sam8_eigen_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: 0.000+/-0.012 χ^2/NDF : 10.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

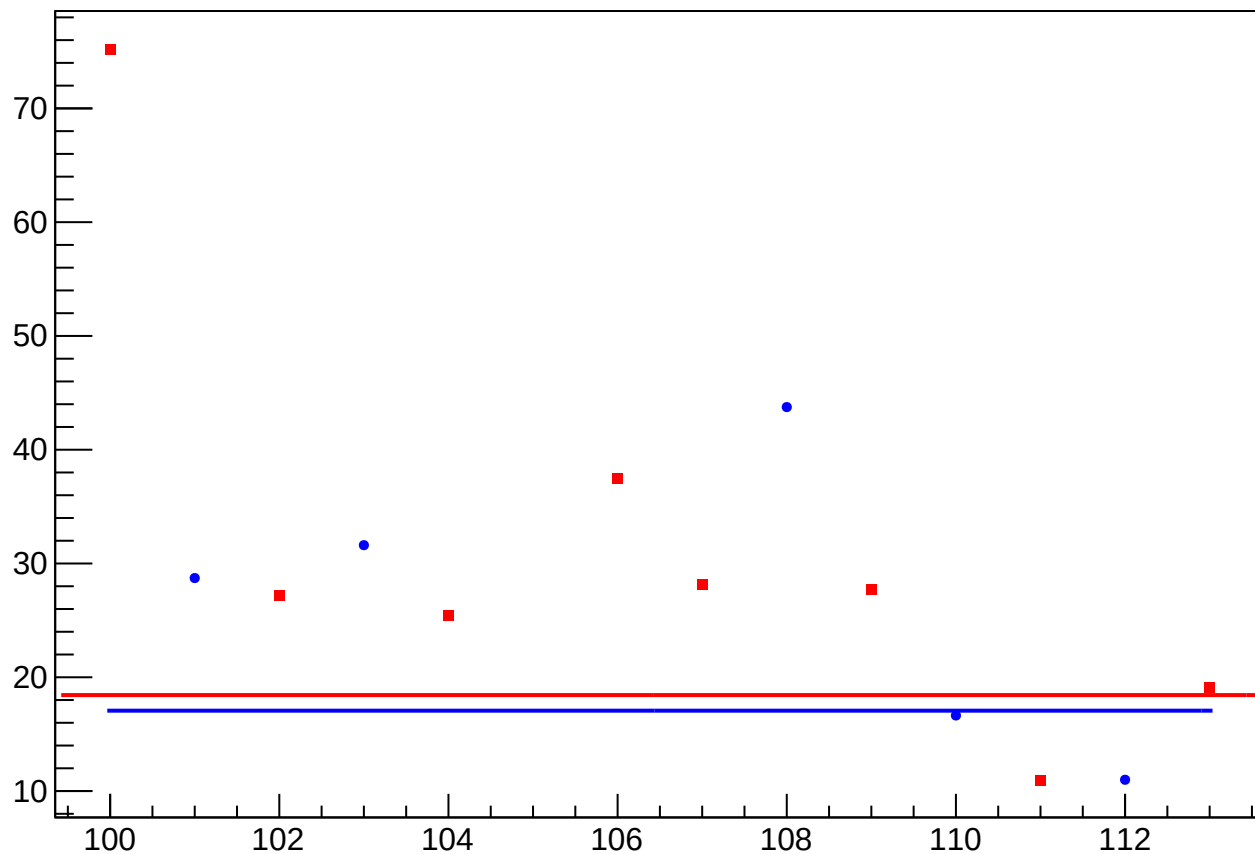
Right: 0.009+/-0.009 χ^2/NDF : 23.4/12

In: 0.018+/-0.013 χ^2/NDF : 11.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.009 χ^2/NDF : 23.4/12

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: 18.435+/-0.008 χ^2/NDF : 966369.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

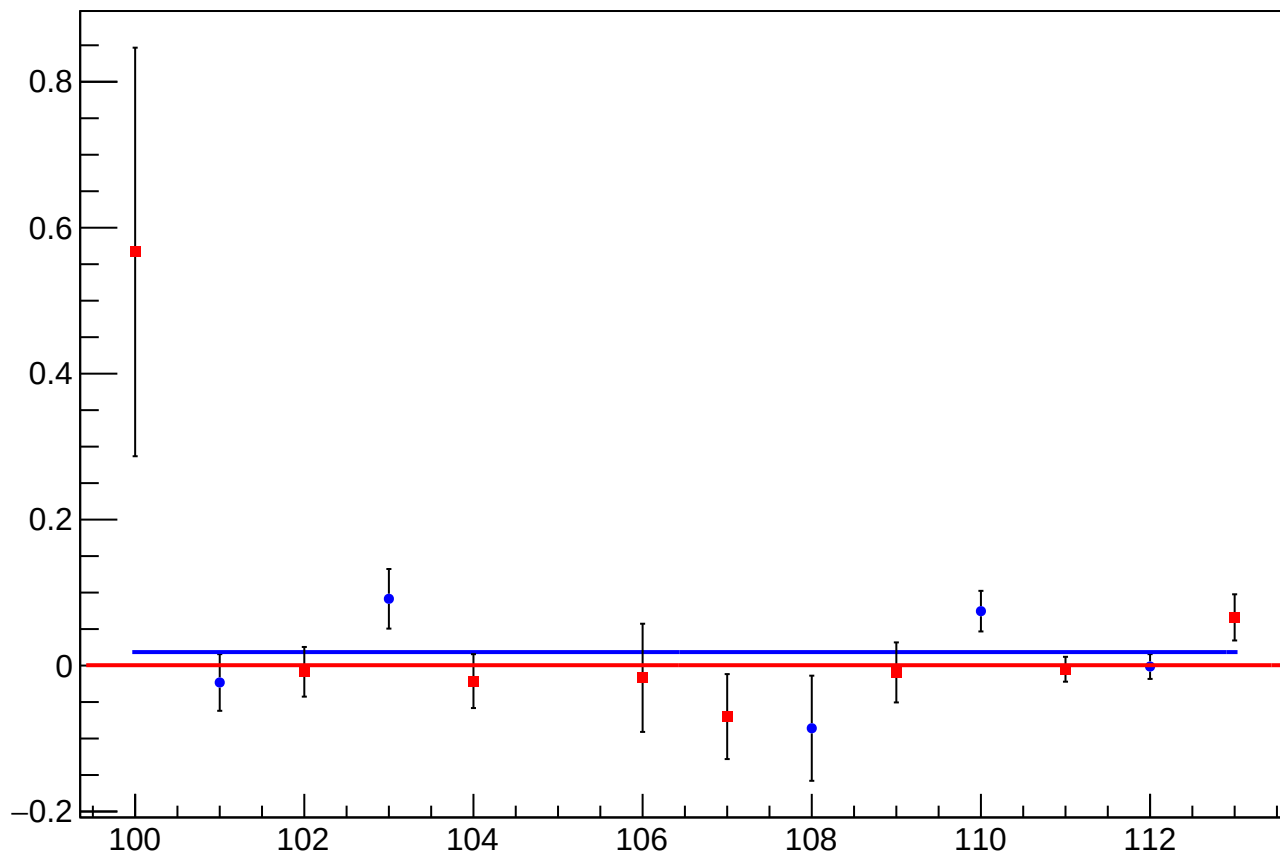
Right: 17.796+/-0.006 χ^2/NDF : 1943237.4/12

In: 17.065+/-0.009 χ^2/NDF : 964408.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.796+/-0.006 χ^2/NDF : 1943237.4/12

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: 0.000+/-0.012 χ^2/NDF : 10.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

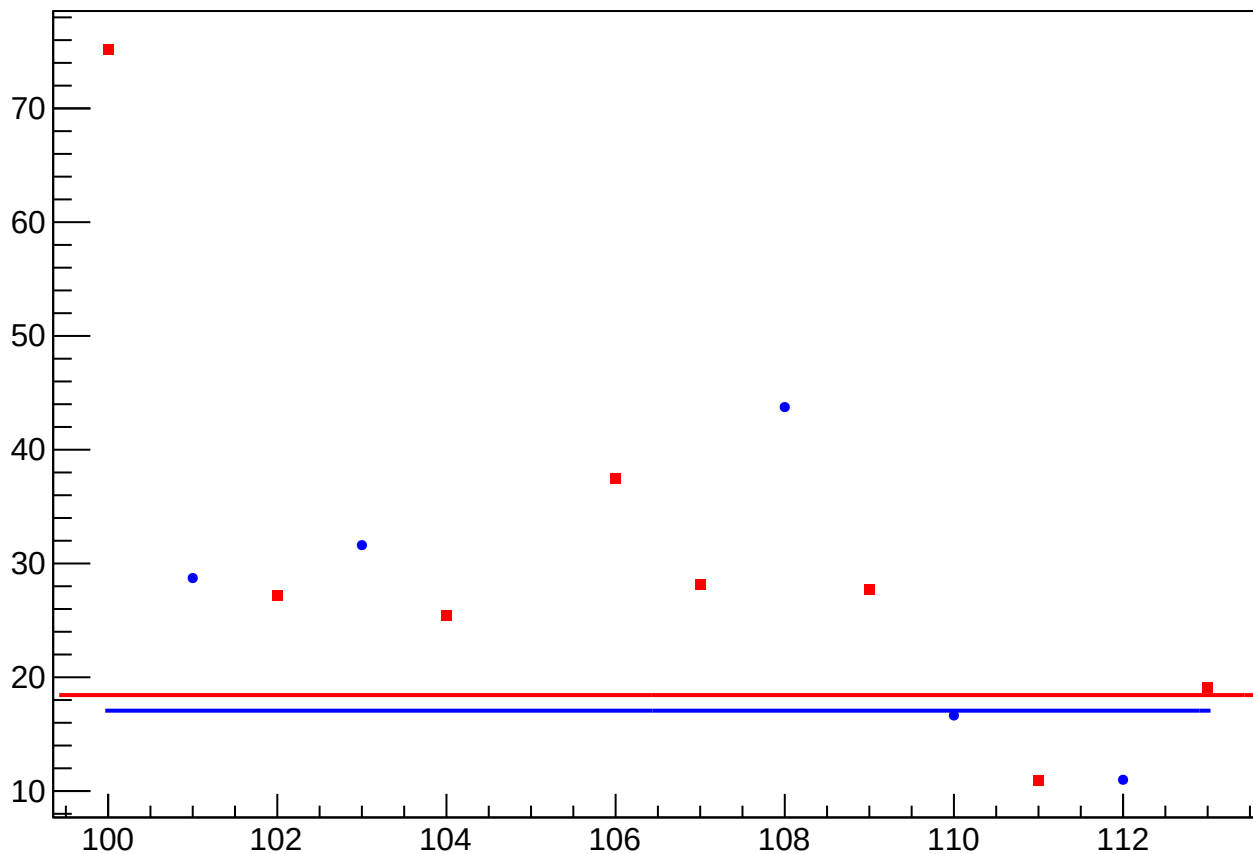
Right: 0.009+/-0.009 χ^2/NDF : 23.4/12

In: 0.018+/-0.013 χ^2/NDF : 11.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.009 χ^2/NDF : 23.4/12

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: 18.435+/-0.008 χ^2/NDF : 966369.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

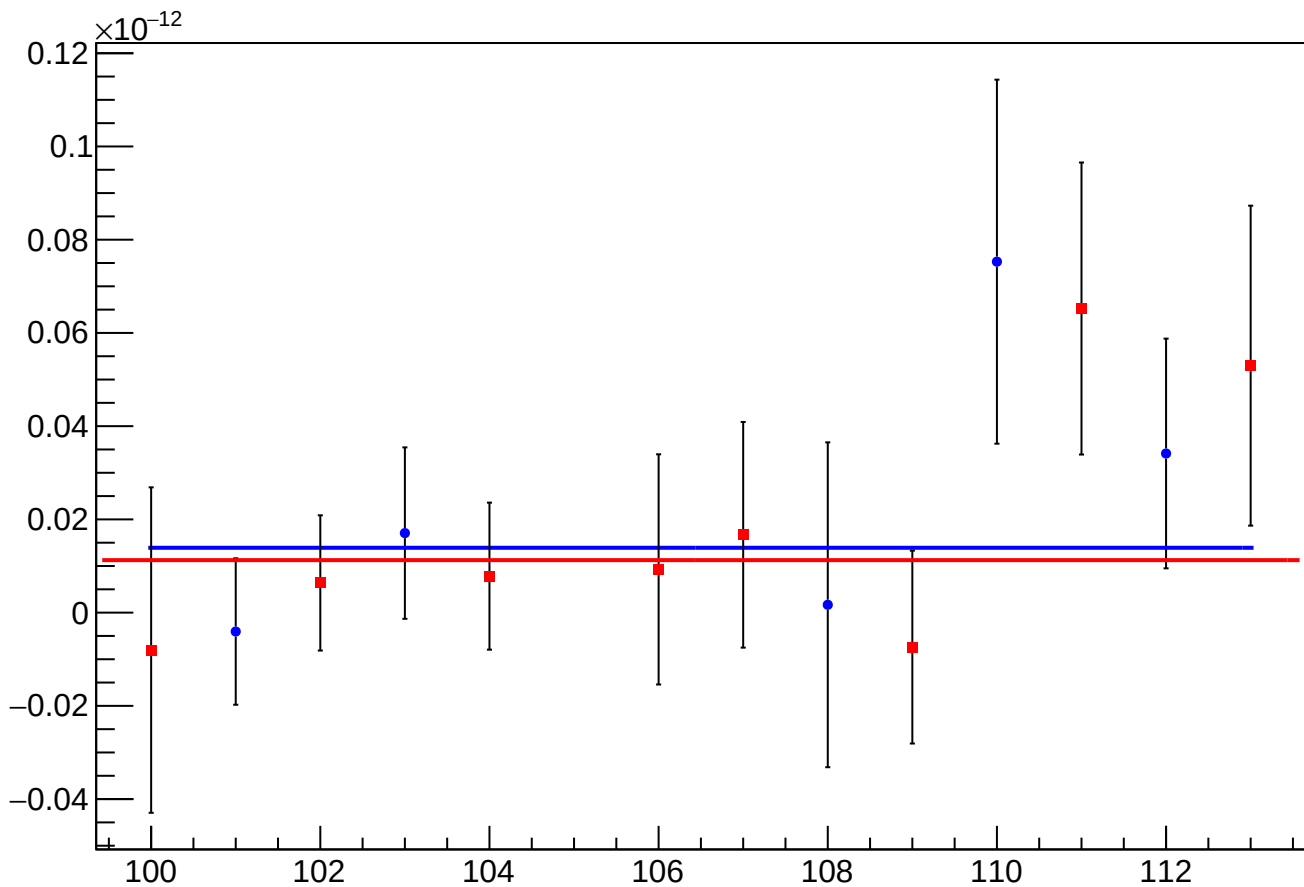
Right: 17.796+/-0.006 χ^2/NDF : 1943237.4/12

In: 17.065+/-0.009 χ^2/NDF : 964408.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.796+/-0.006 χ^2/NDF : 1943237.4/12

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 : 5.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

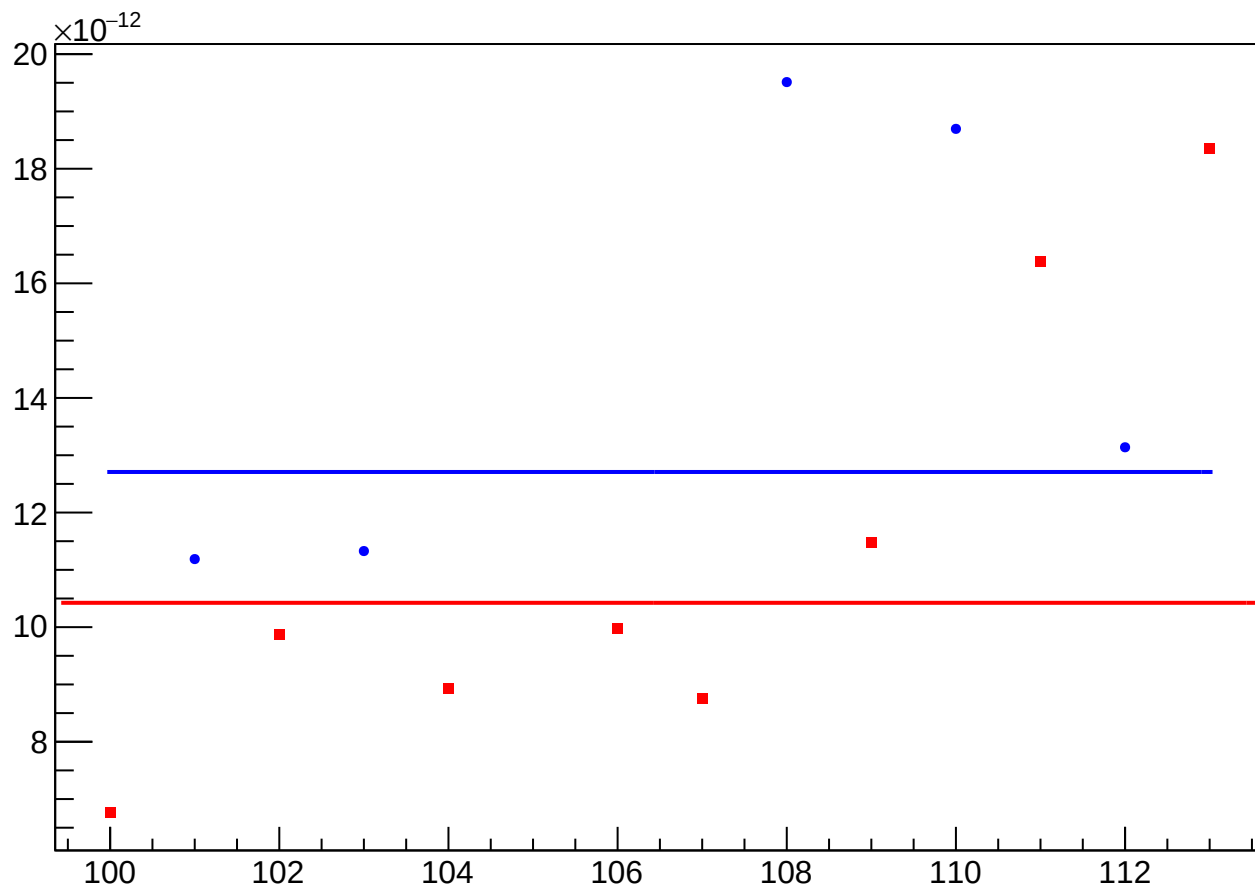
Right: 0.000+/-0.000 χ^2/NDF : 10.4/12

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 : 10.4/12

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 : 237477.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

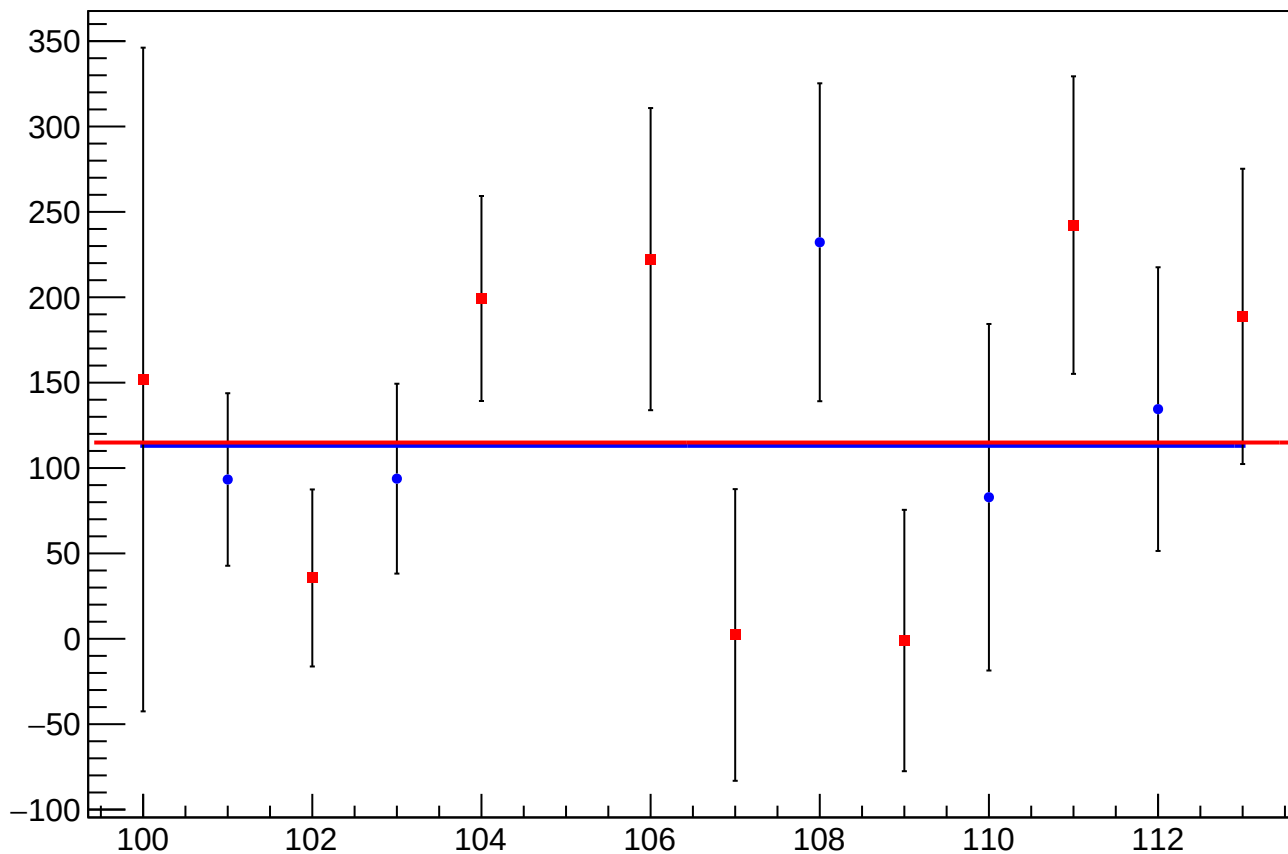
Right: 0.000+/-0.000 χ^2/NDF : 457814.7/12

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 : 457814.7/12

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: 114.936 $\pm$ 26.945 χ^2 /NDF: 12.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

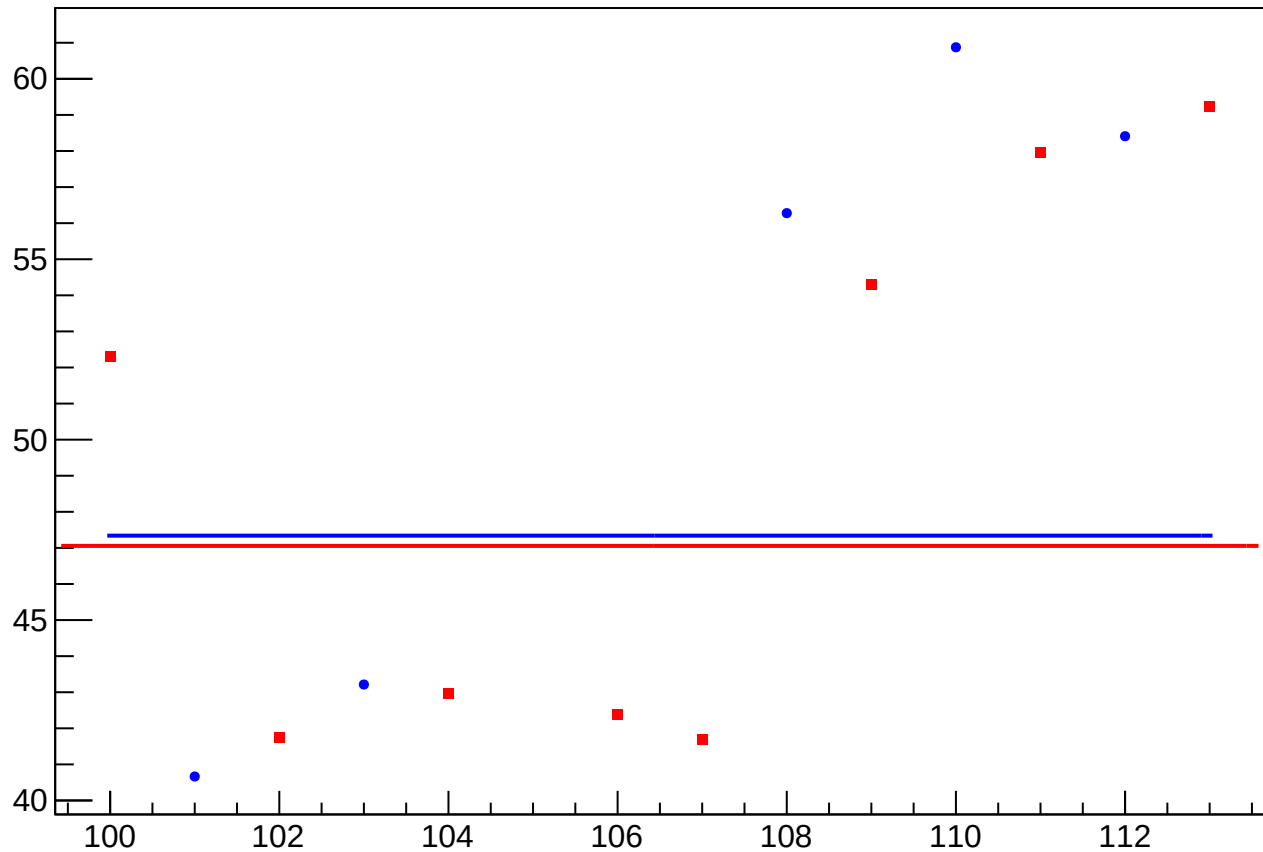
Right: 114.091 $\pm$ 20.202 χ^2 /NDF: 14.8/12

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: 114.091 $\pm$ 20.202 χ^2 /NDF: 14.8/12

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: 47.056+/-0.019 χ^2/NDF : 134066.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

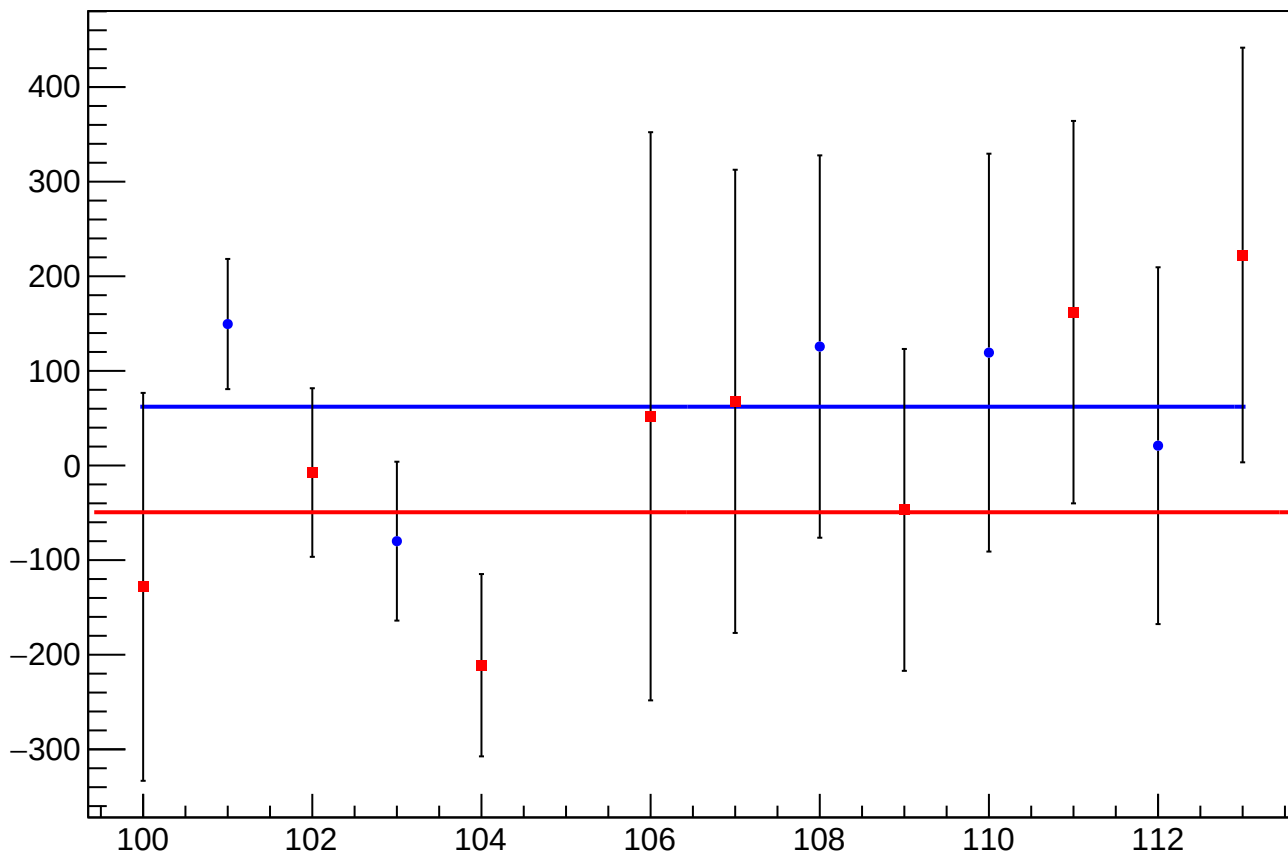
Right: 47.180+/-0.014 χ^2/NDF : 269650.3/12

In: 47.340+/-0.022 χ^2/NDF : 135486.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.180+/-0.014 χ^2/NDF : 269650.3/12

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: -49.408+/-52.334 χ^2/NDF : 6.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

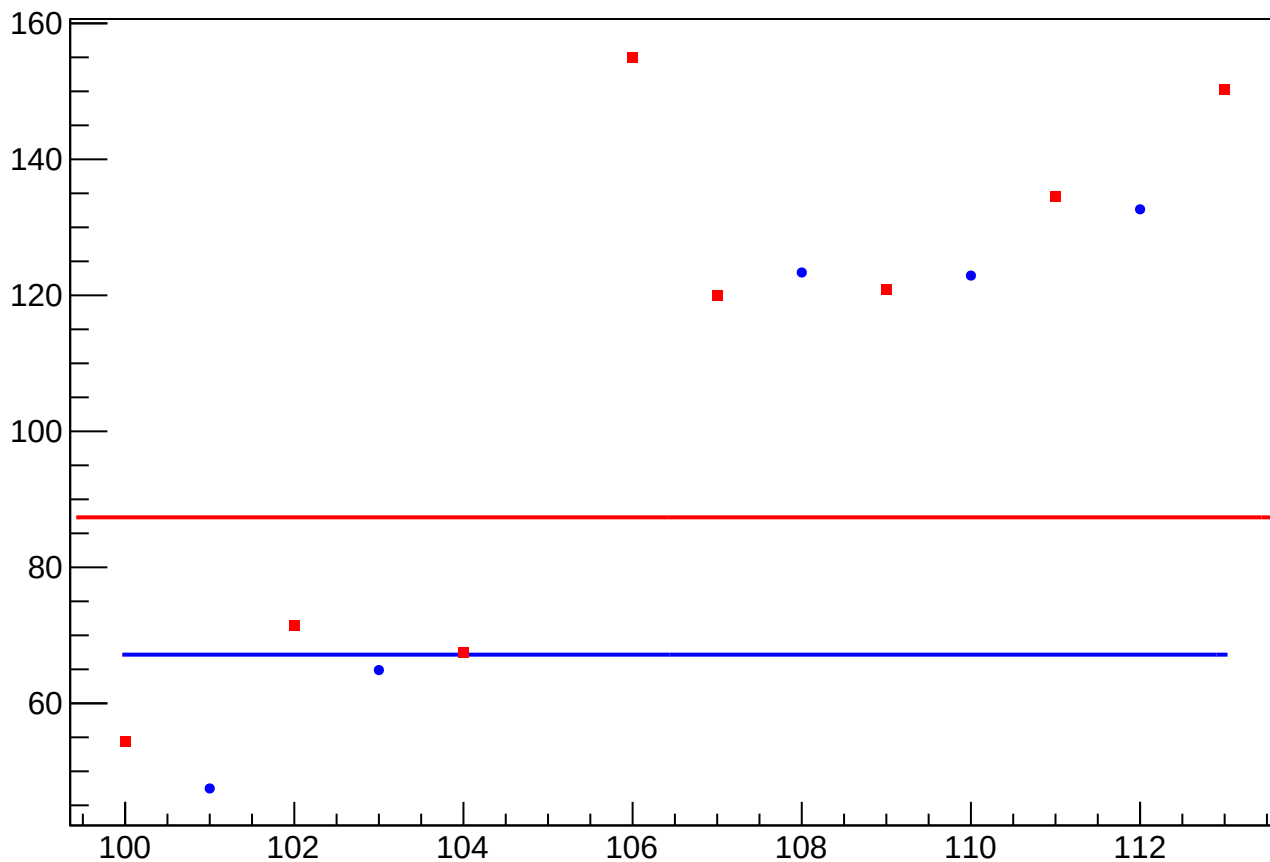
Right: 10.808+/-35.501 χ^2/NDF : 13.3/12

In: 62.135+/-48.317 χ^2/NDF : 4.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.808+/-35.501 χ^2/NDF : 13.3/12

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: 87.351+/-0.037 χ^2/NDF : 688623.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

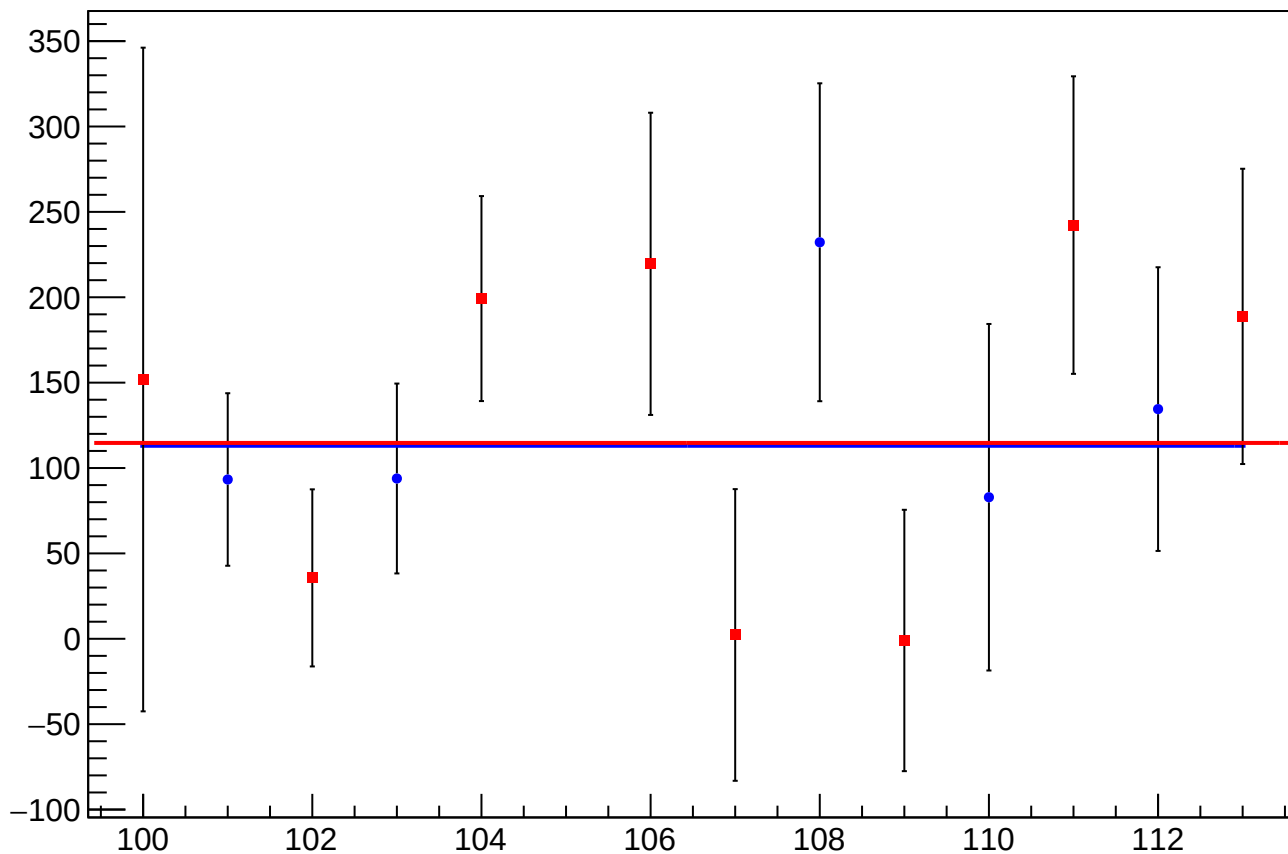
Right: 76.451+/-0.025 χ^2/NDF : 1550972.4/12

In: 67.160+/-0.034 χ^2/NDF : 701638.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.451+/-0.025 χ^2/NDF : 1550972.4/12

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: 114.694 $\pm$ 26.949 χ^2 /NDF: 12.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

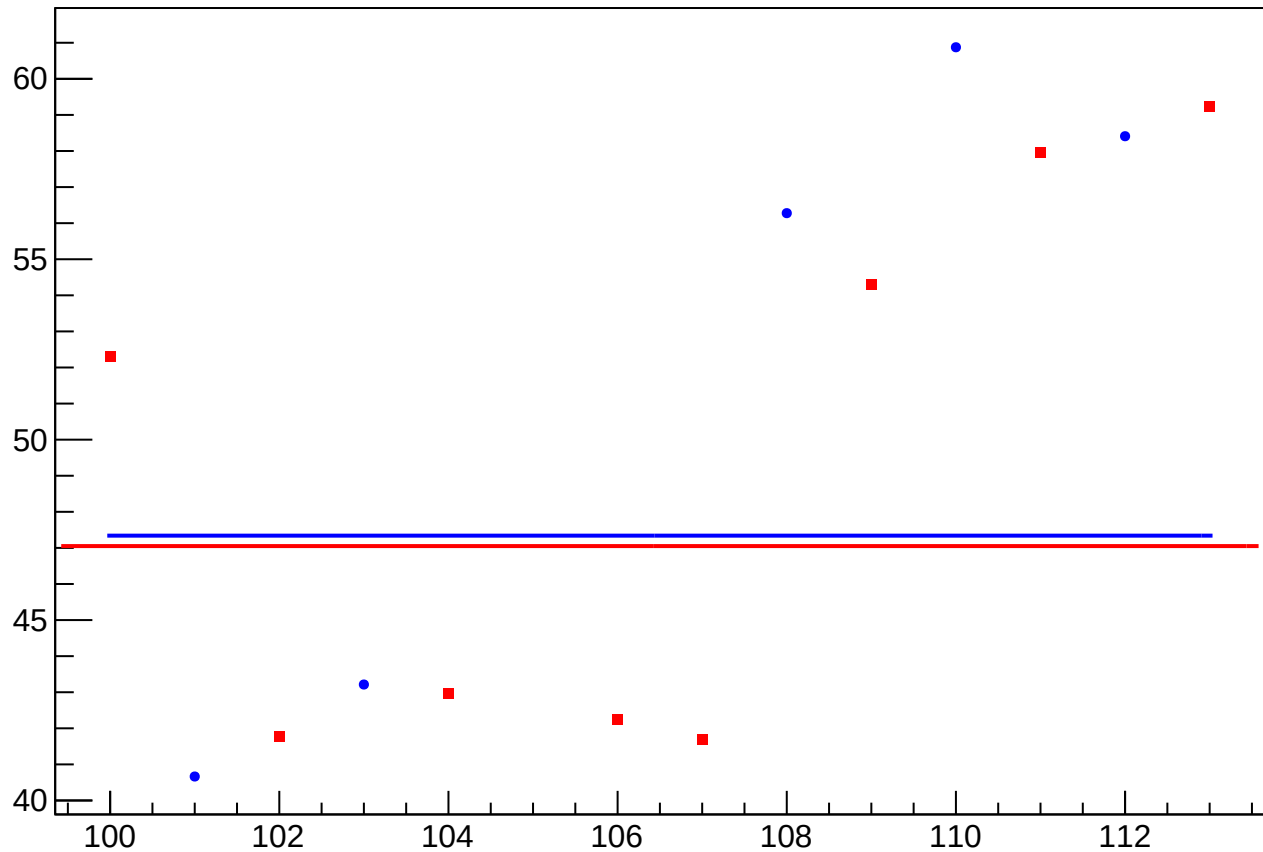
Right: 113.966 $\pm$ 20.204 χ^2 /NDF: 14.7/12

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: 113.966 $\pm$ 20.204 χ^2 /NDF: 14.7/12

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: 47.050+/-0.019 χ^2/NDF : 134216.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

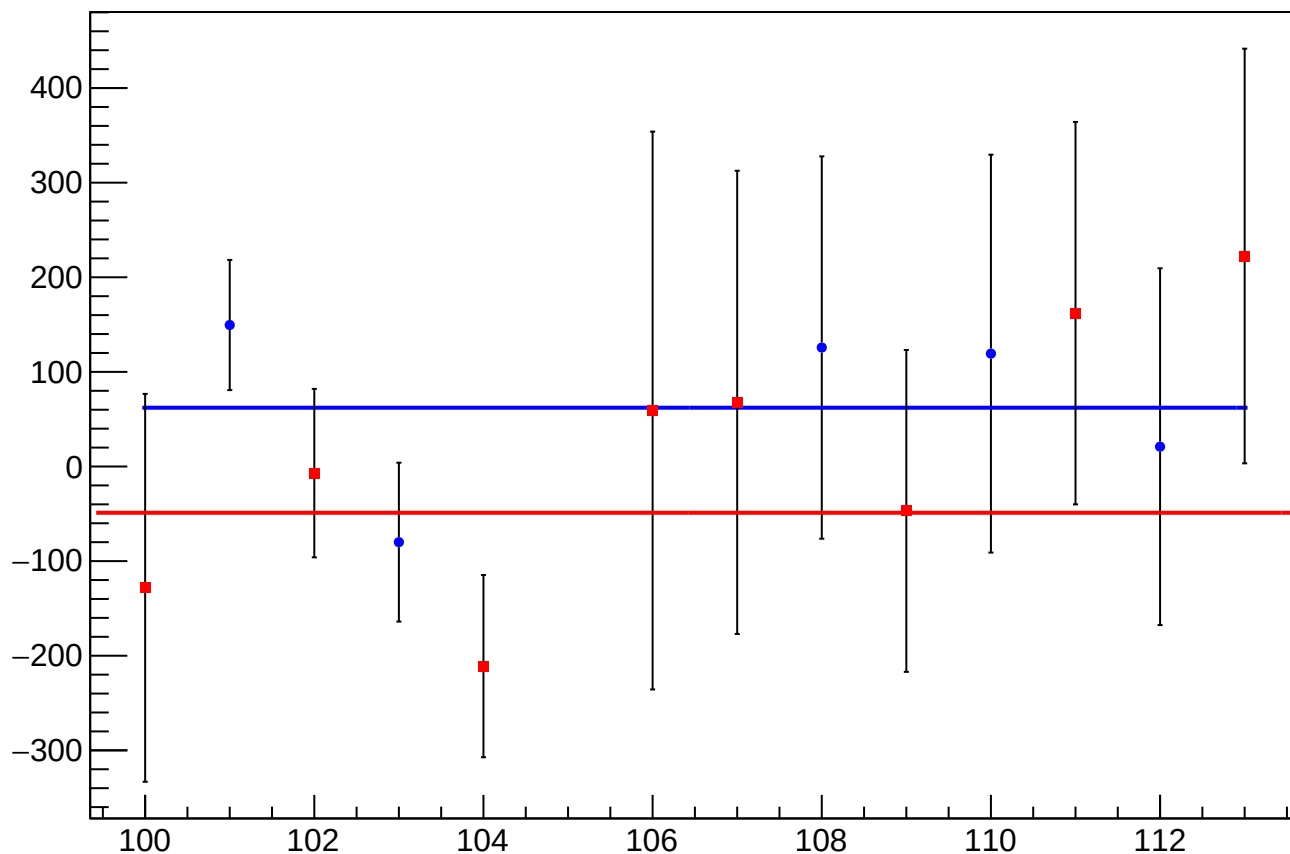
Right: 47.177+/-0.014 χ^2/NDF : 269804.0/12

In: 47.340+/-0.022 χ^2/NDF : 135486.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.177+/-0.014 χ^2/NDF : 269804.0/12

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: -48.887+/-52.286 χ^2/NDF : 6.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

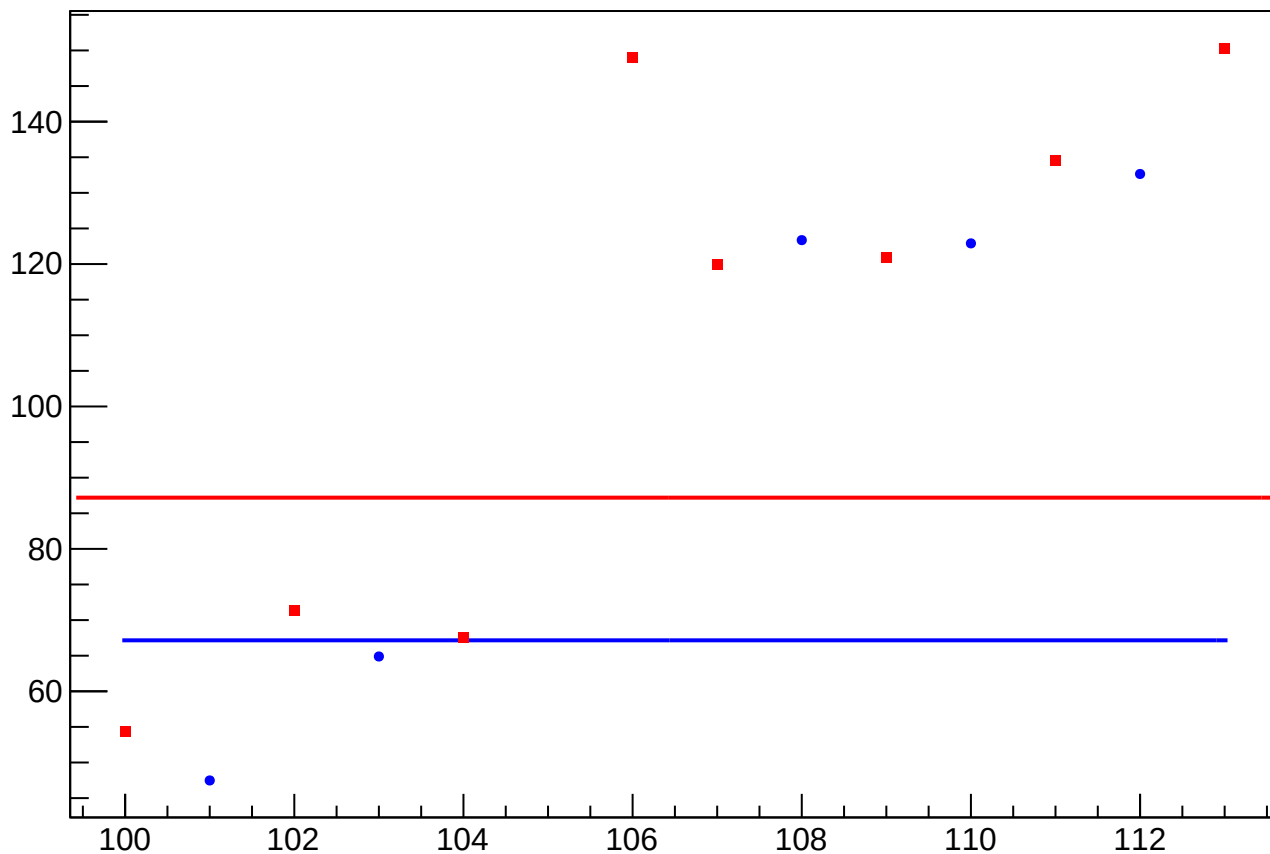
Right: 11.000+/-35.485 χ^2/NDF : 13.3/12

In: 62.138+/-48.316 χ^2/NDF : 4.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.000+/-35.485 χ^2/NDF : 13.3/12

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: 87.196+/-0.037 χ^2/NDF : 675299.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

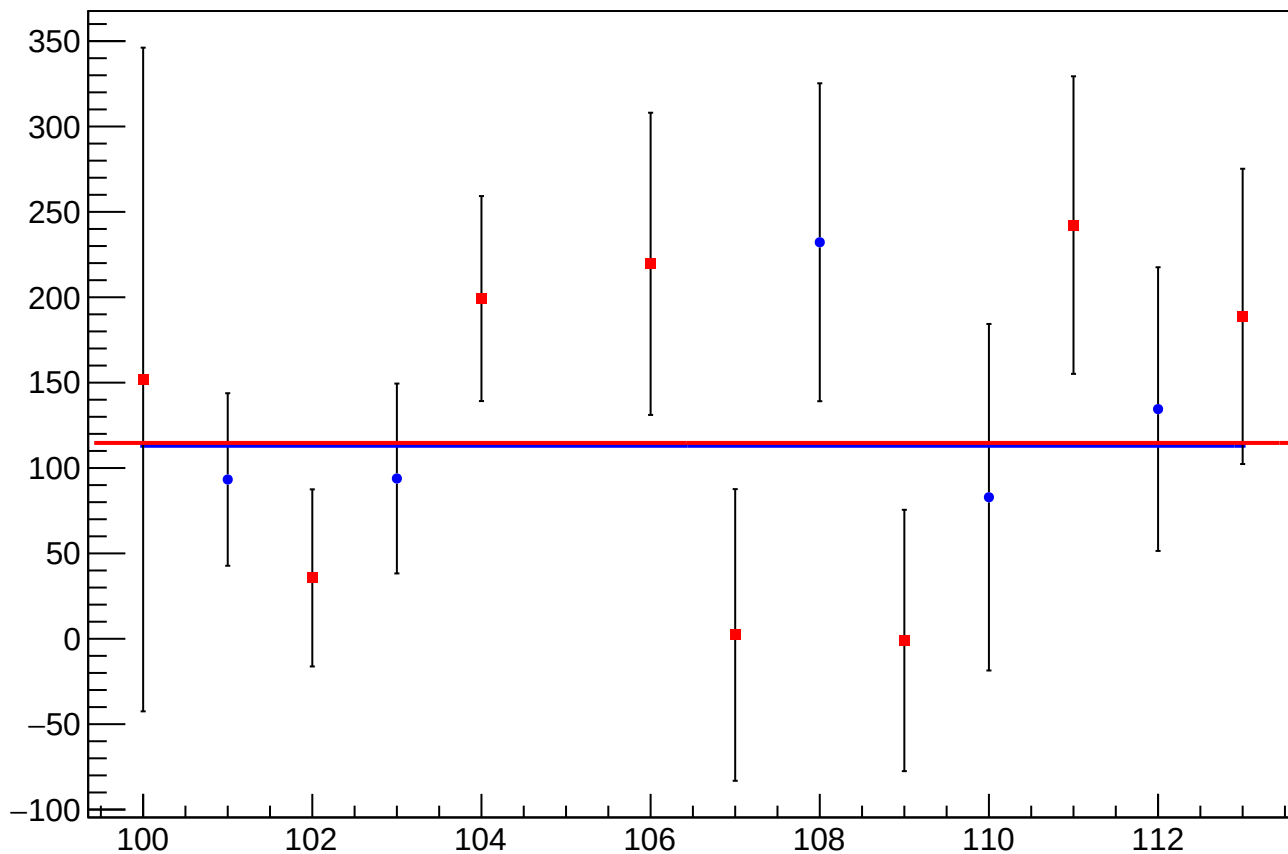
Right: 76.388+/-0.025 χ^2/NDF : 1535386.1/12

In: 67.158+/-0.034 χ^2/NDF : 701641.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.388+/-0.025 χ^2/NDF : 1535386.1/12

eigen_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: 114.694 $\pm$ 26.949 χ^2 /NDF: 12.6/7

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

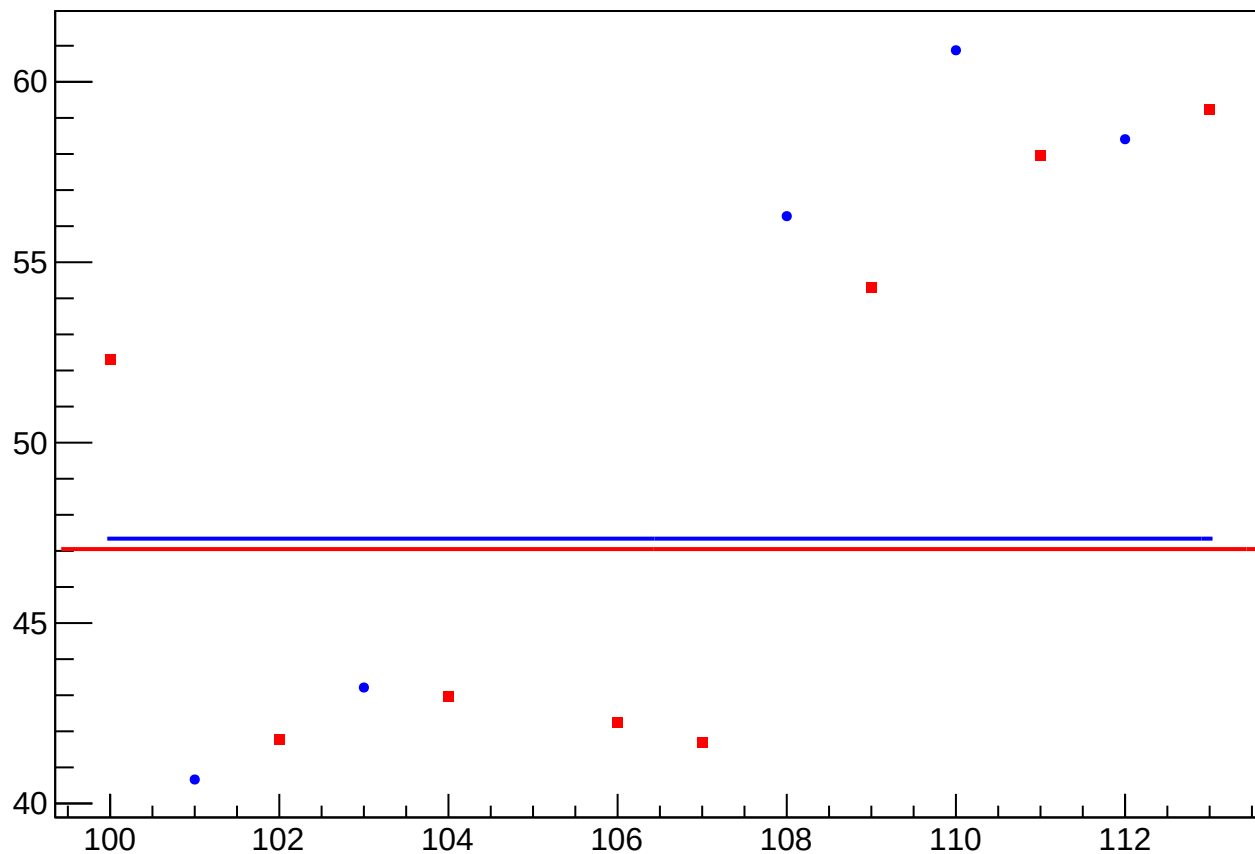
Right: 113.966 $\pm$ 20.204 χ^2 /NDF: 14.7/12

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: 113.966 $\pm$ 20.204 χ^2 /NDF: 14.7/12

eigen_cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 47.340 $\pm$ 0.022 χ^2 /NDF: 135486.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 47.050 $\pm$ 0.019 χ^2 /NDF: 134216.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

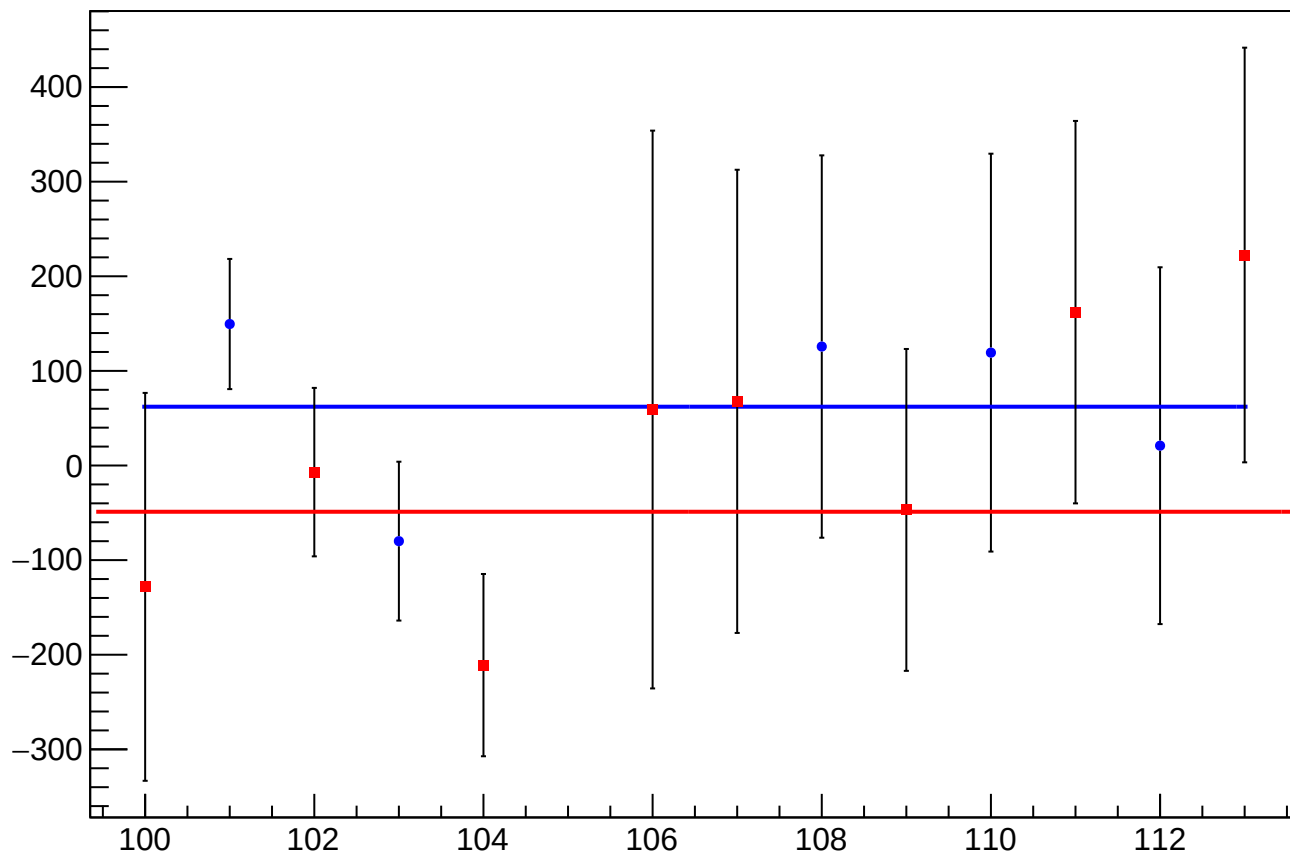
Right: 47.177 $\pm$ 0.014 χ^2 /NDF: 269804.0/12

In: 47.340 $\pm$ 0.022 χ^2 /NDF:135486.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 47.177 $\pm$ 0.014 χ^2 /NDF: 269804.0/12

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: -48.887+/-52.286 χ^2/NDF : 6.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

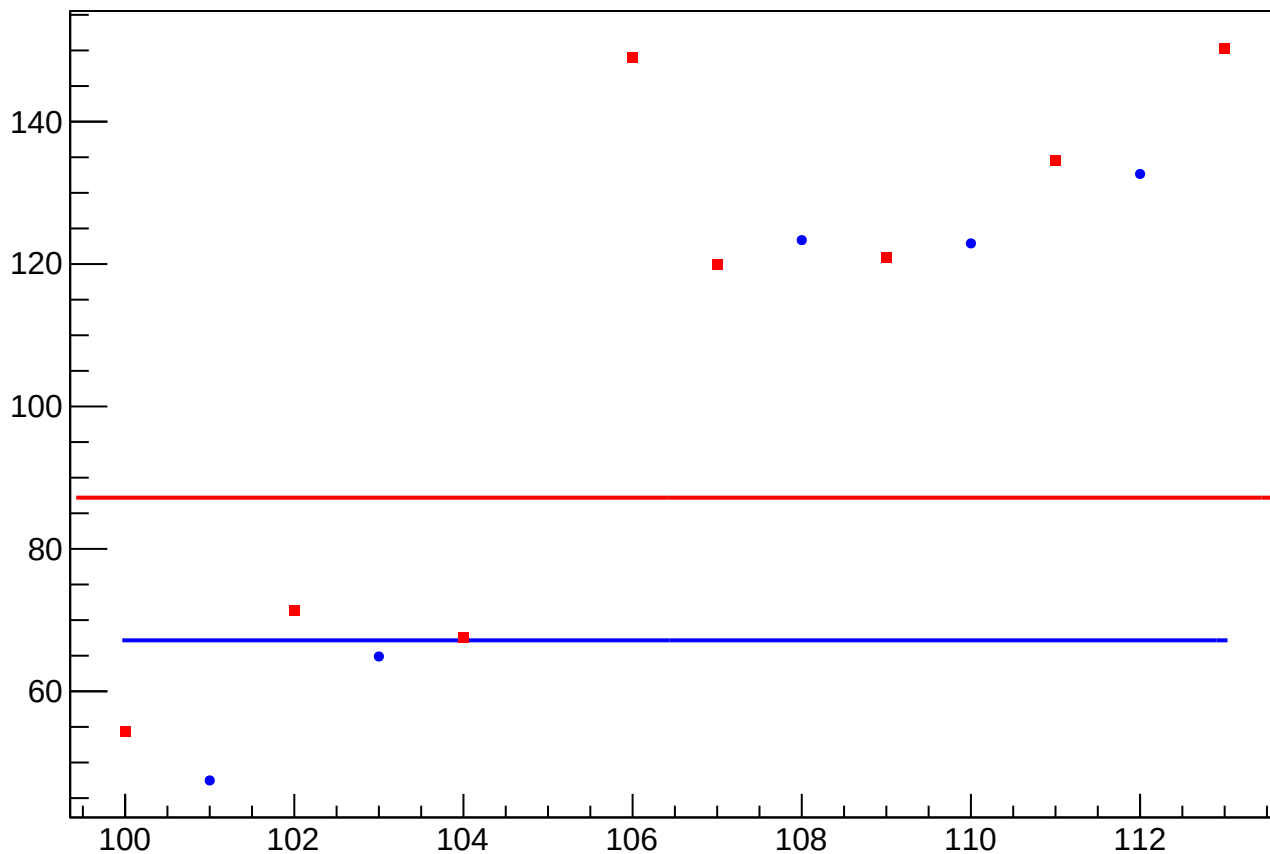
Right: 11.000+/-35.485 χ^2/NDF : 13.3/12

In: 62.138+/-48.316 χ^2/NDF : 4.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.000+/-35.485 χ^2/NDF : 13.3/12

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: 87.196+/-0.037 χ^2/NDF : 675299.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

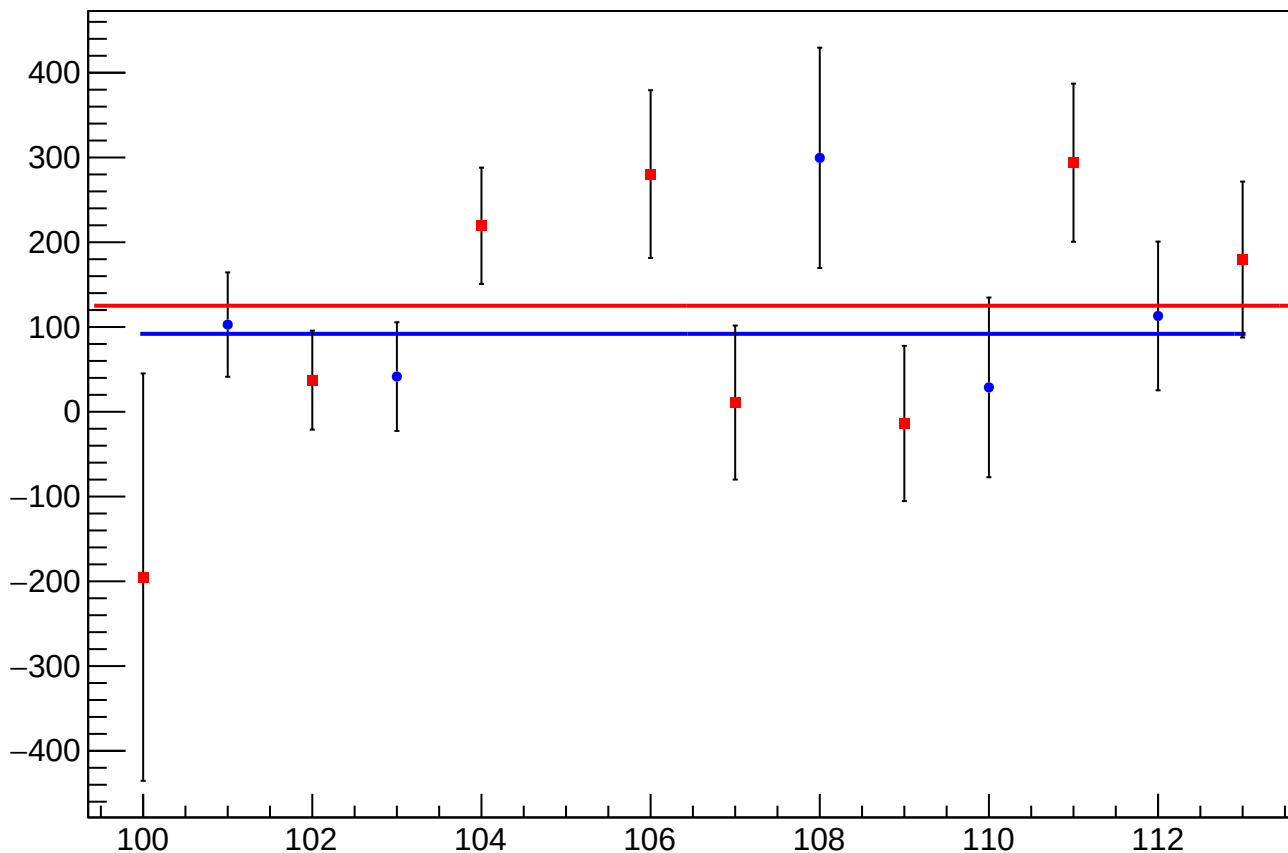
Right: 76.388+/-0.025 χ^2/NDF : 1535386.1/12

In: 67.158+/-0.034 χ^2/NDF : 701641.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.388+/-0.025 χ^2/NDF : 1535386.1/12

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: 125.138 $\pm$ 30.164 χ^2 /NDF: 15.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

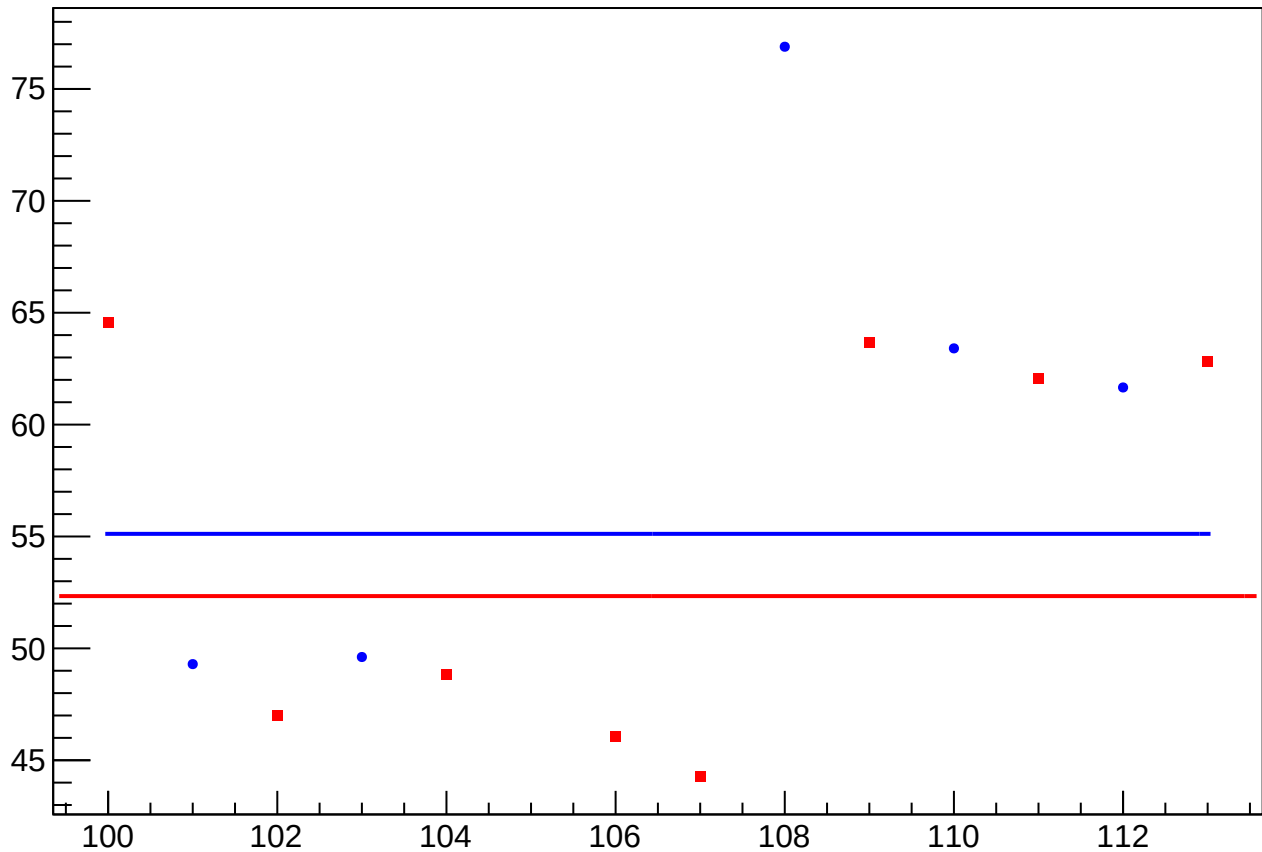
Right: 111.314 $\pm$ 23.037 χ^2 /NDF: 20.0/12

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: 111.314 $\pm$ 23.037 χ^2 /NDF: 20.0/12

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: 52.336+/-0.021 χ^2/NDF : 129173.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

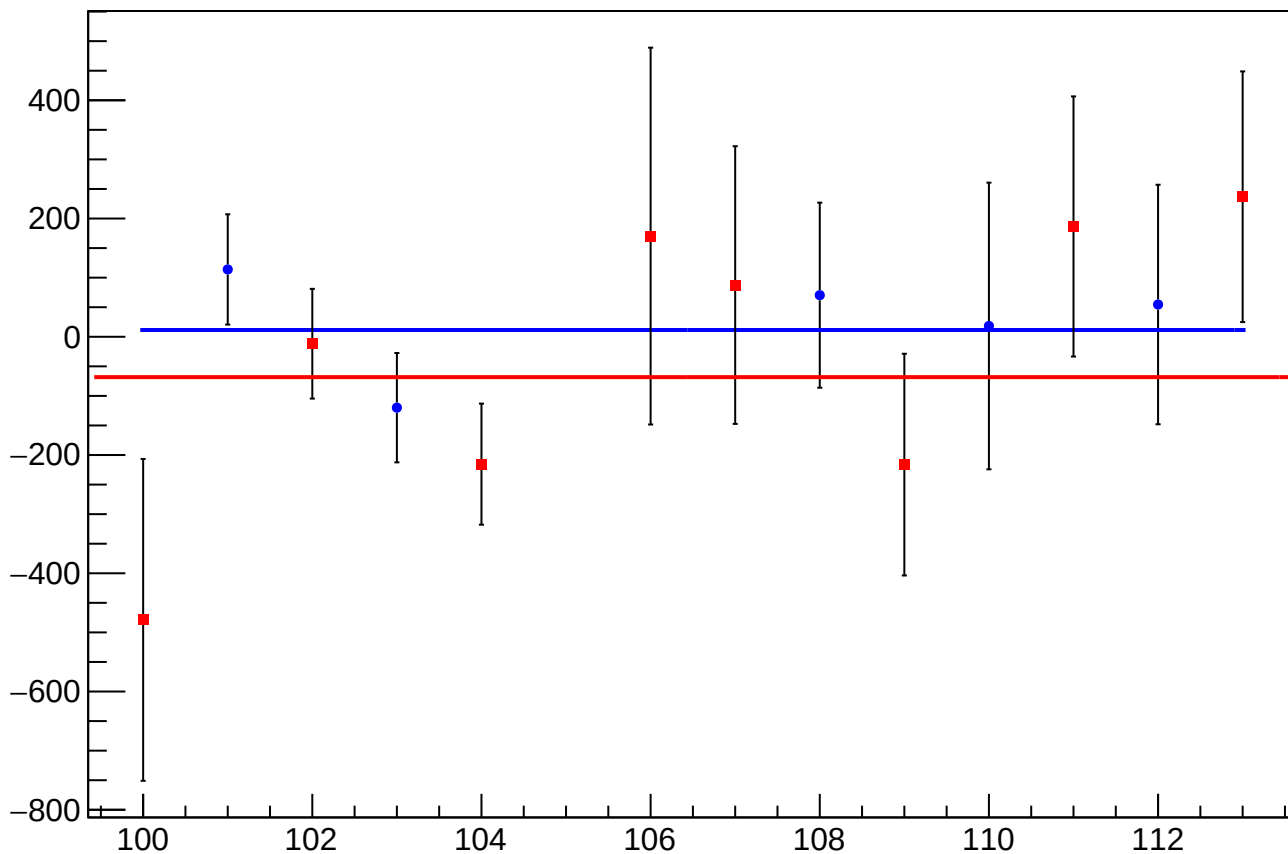
Right: 53.496+/-0.016 χ^2/NDF : 248323.5/12

In: 55.118+/-0.025 χ^2/NDF : 112062.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.496+/-0.016 χ^2/NDF : 248323.5/12

asym_sam_15_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 11.446 $\pm$ 56.426 χ^2/NDF : 3.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -68.249 $\pm$ 55.529 χ^2/NDF : 9.7/7

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

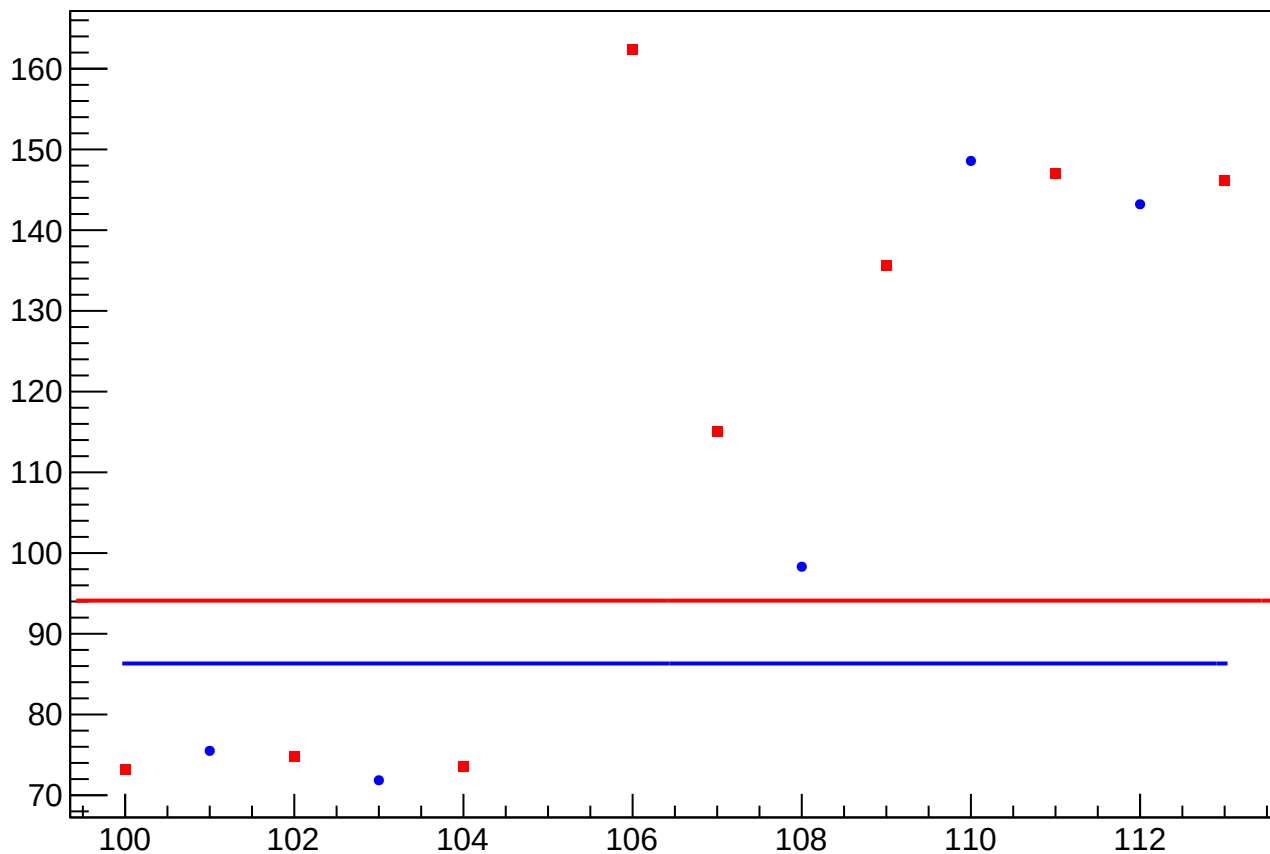
Right: -29.040 $\pm$ 39.578 χ^2/NDF : 14.2/12

In: 11.446 $\pm$ 56.426 χ^2/NDF : 3.4/4

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -29.040 $\pm$ 39.578 χ^2/NDF : 14.2/12

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: 94.104+/-0.039 χ^2/NDF : 620898.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

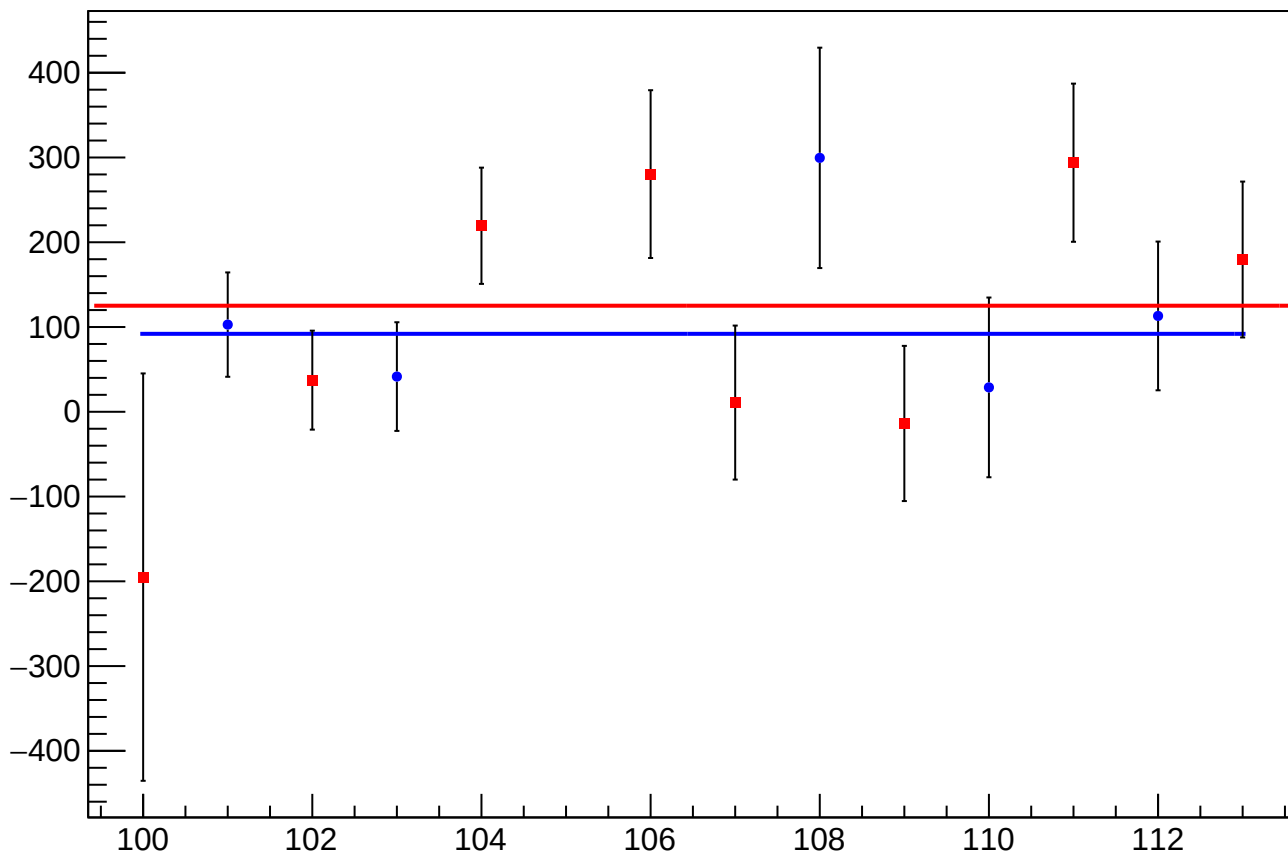
Right: 90.274+/-0.028 χ^2/NDF : 1017455.6/12

In: 86.319+/-0.040 χ^2/NDF : 377215.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.274+/-0.028 χ^2/NDF : 1017455.6/12

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: 125.138+/-30.164 χ^2/NDF : 15.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

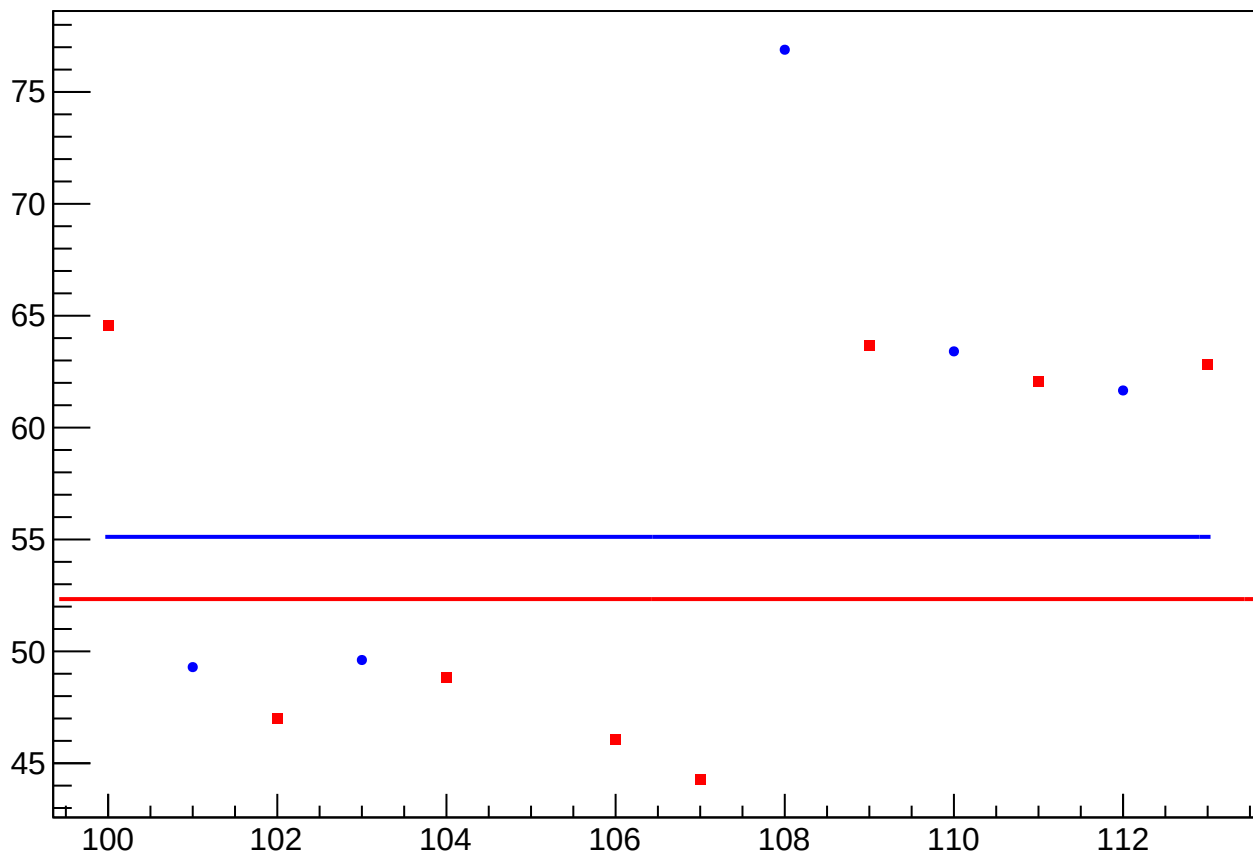
Right: 111.314+/-23.037 χ^2/NDF : 20.0/12

In: 91.966+/-35.685 χ^2/NDF : 3.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.314+/-23.037 χ^2/NDF : 20.0/12

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: 52.336+/-0.021 χ^2/NDF : 129173.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

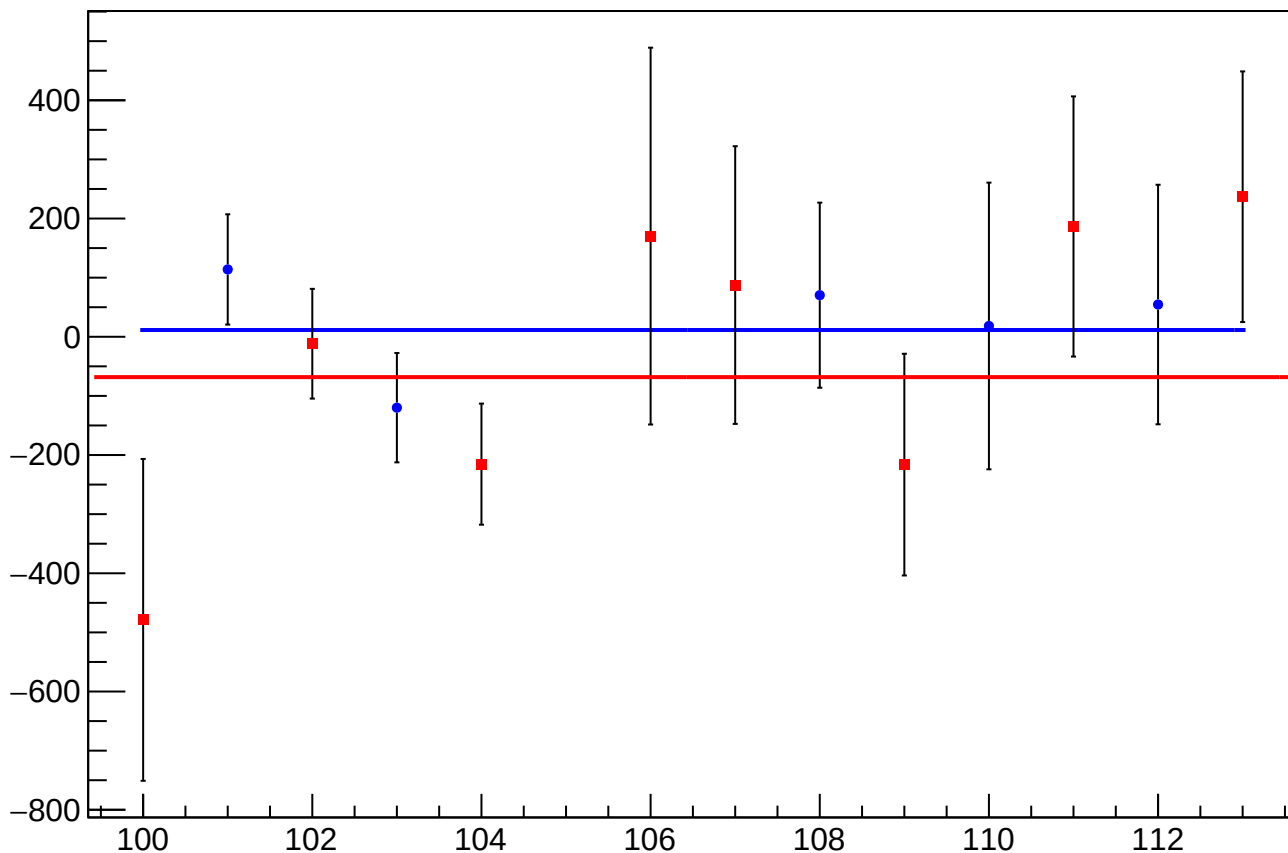
Right: 53.496+/-0.016 χ^2/NDF : 248323.6/12

In: 55.118+/-0.025 χ^2/NDF : 112062.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.496+/-0.016 χ^2/NDF : 248323.6/12

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: -68.249+/-55.529 χ^2/NDF : 9.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

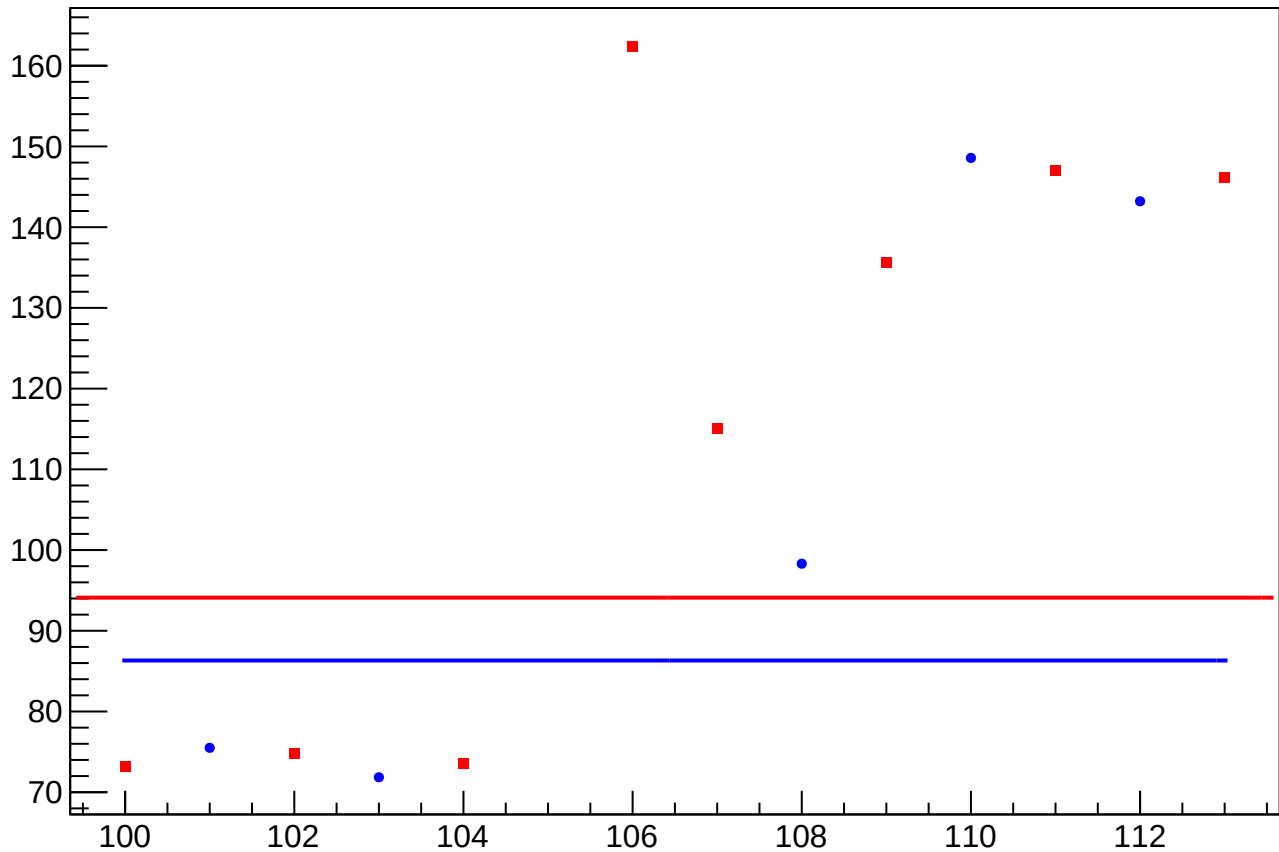
Right: -29.040+/-39.578 χ^2/NDF : 14.2/12

In: 11.445+/-56.425 χ^2/NDF : 3.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.040+/-39.578 χ^2/NDF : 14.2/12

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: 94.104+/-0.039 χ^2/NDF : 620903.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

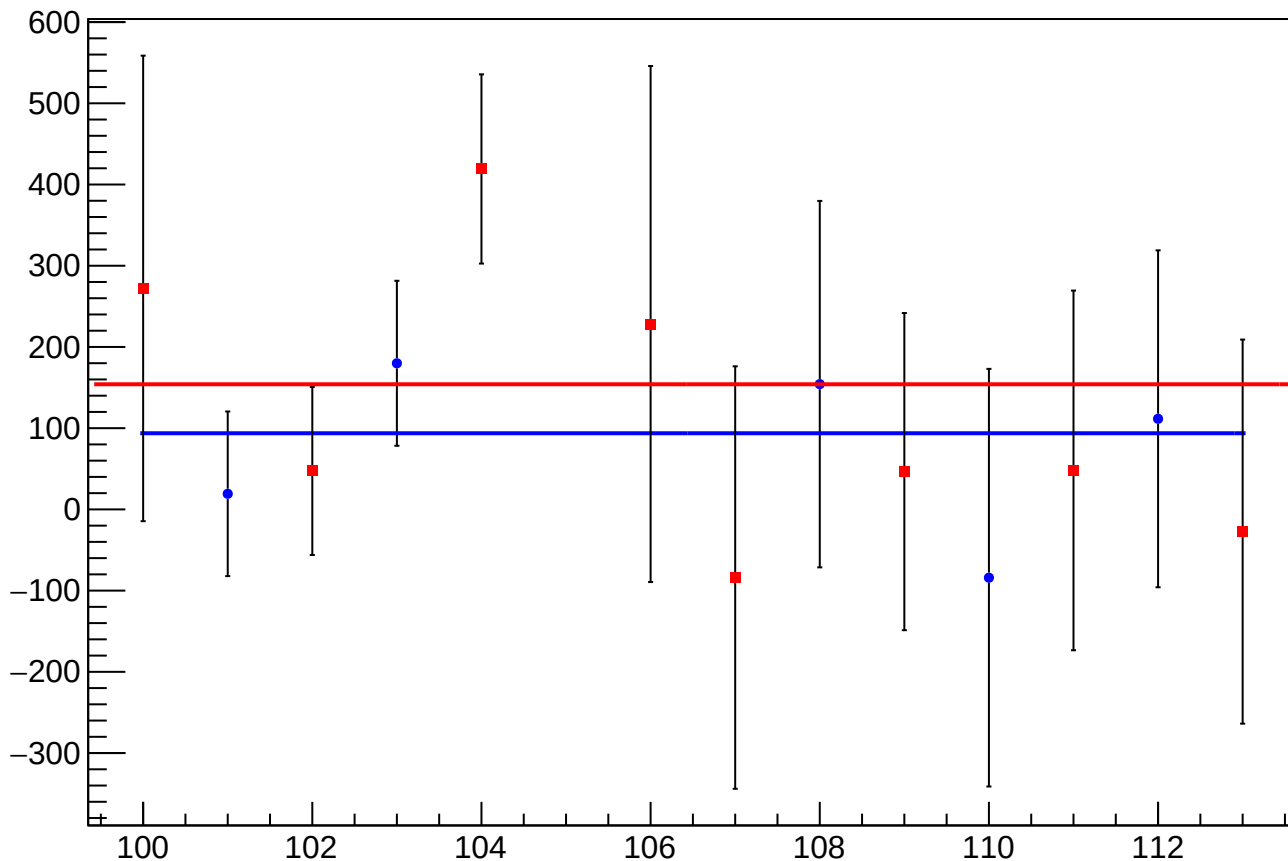
Right: 90.274+/-0.028 χ^2/NDF : 1017462.7/12

In: 86.319+/-0.040 χ^2/NDF : 377216.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.274+/-0.028 χ^2/NDF : 1017462.7/12

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: 154.054+/-61.029 χ^2/NDF : 8.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

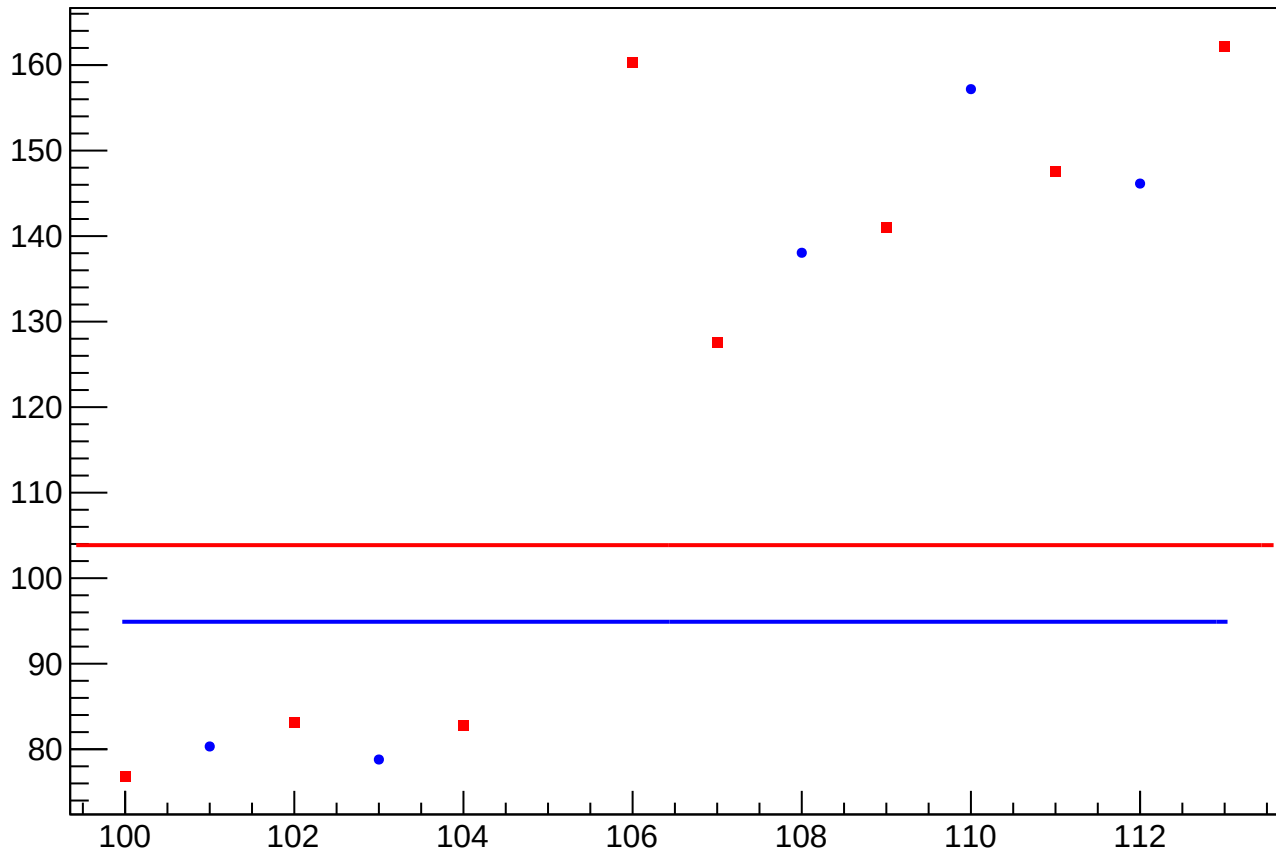
Right: 124.842+/-43.820 χ^2/NDF : 10.7/12

In: 93.756+/-62.957 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.842+/-43.820 χ^2/NDF : 10.7/12

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: 103.863+/-0.043 χ^2/NDF : 515182.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

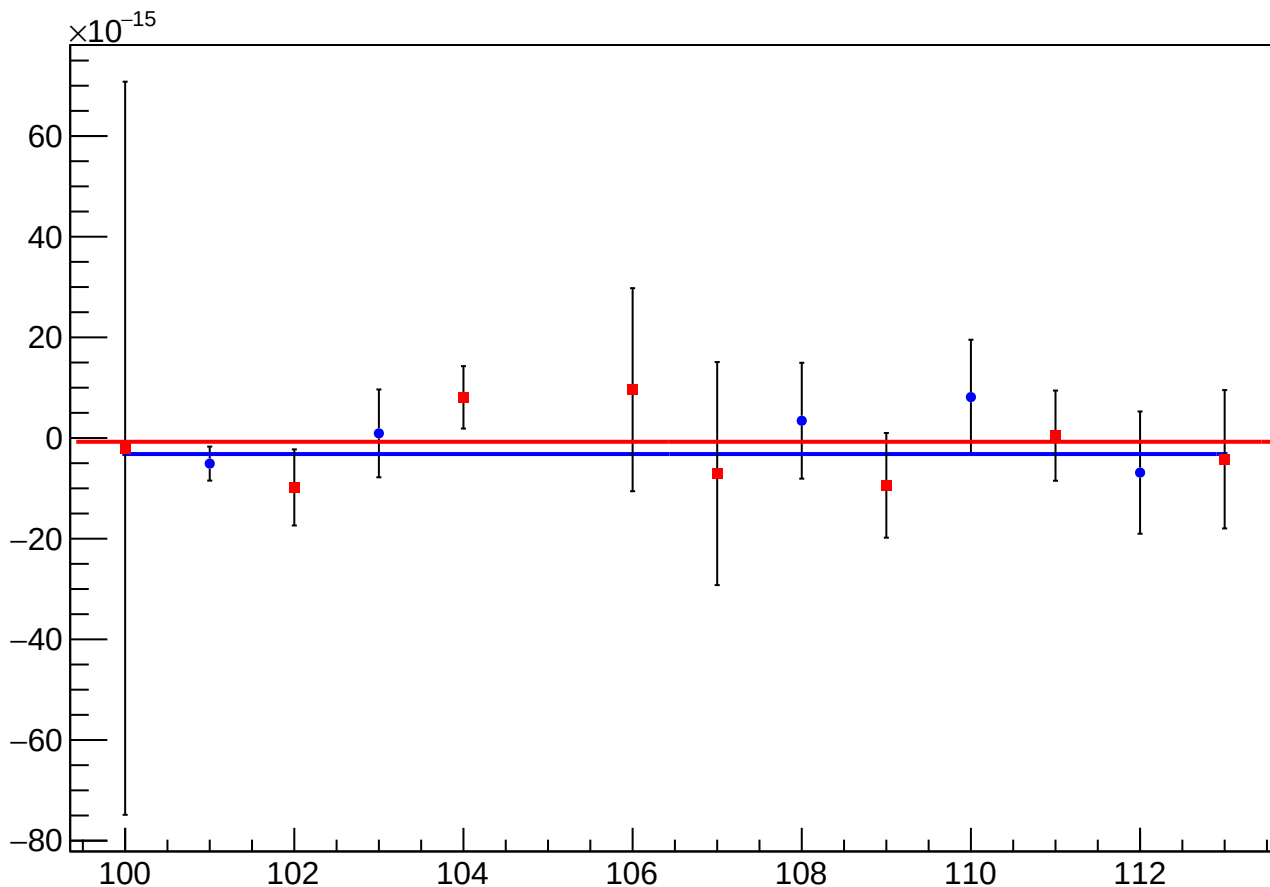
Right: 99.523+/-0.031 χ^2/NDF : 940336.7/12

In: 94.905+/-0.045 χ^2/NDF : 404278.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.523+/-0.031 χ^2/NDF : 940336.7/12

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 : 4.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

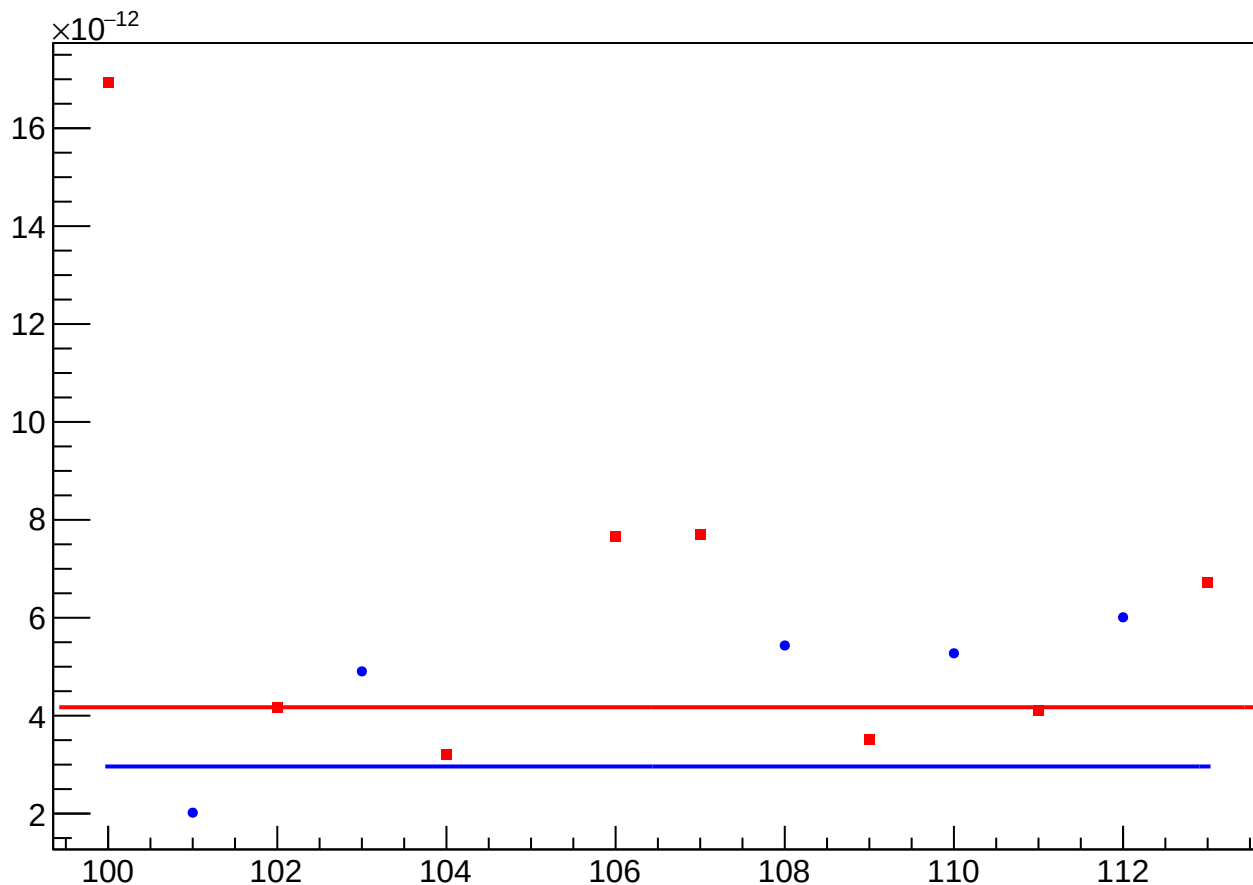
Right: -0.000+/-0.000 χ^2/NDF : 6.8/12

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 : 6.8/12

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 : 296205.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

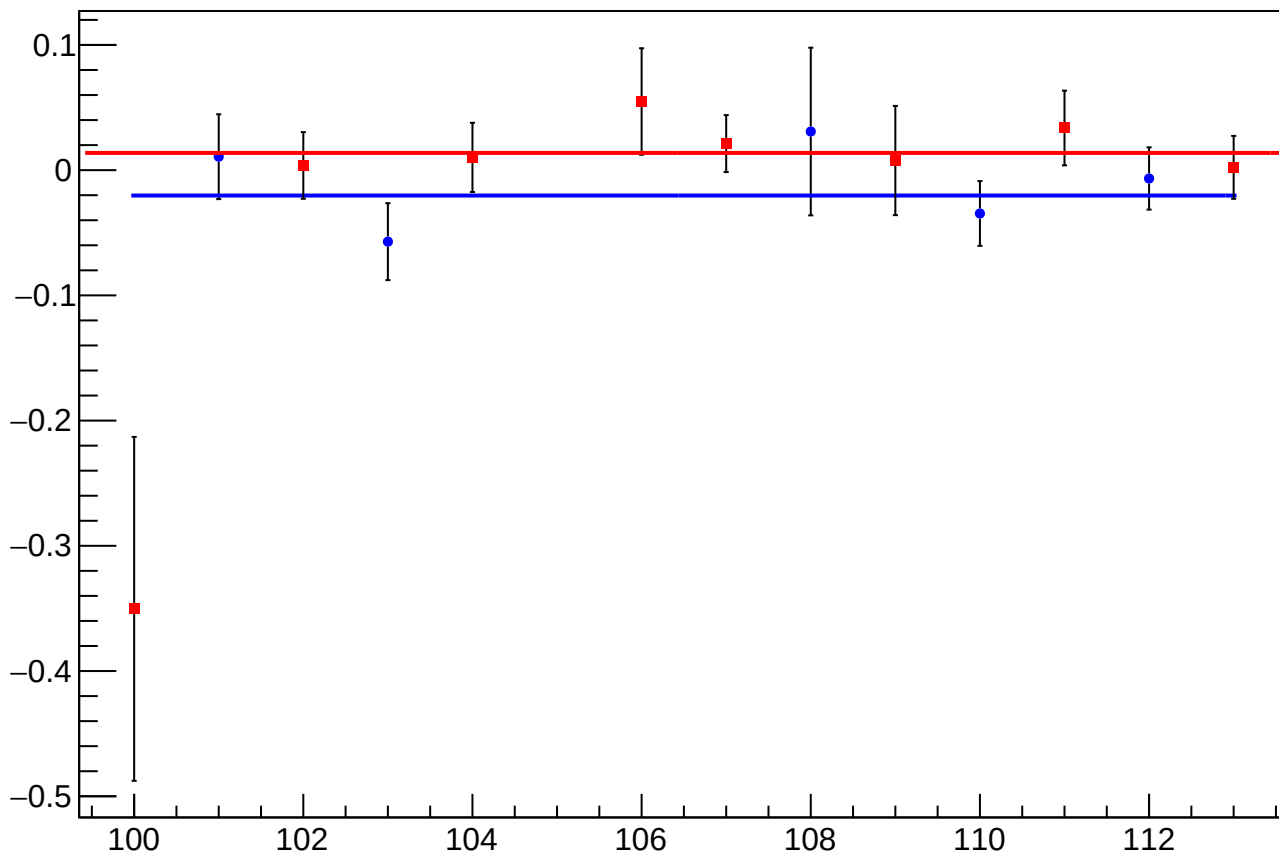
Right: 0.000+/-0.000 χ^2/NDF : 988109.1/12

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 : 988109.1/12

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: 0.014 ± 0.011 χ^2/NDF : 8.9/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

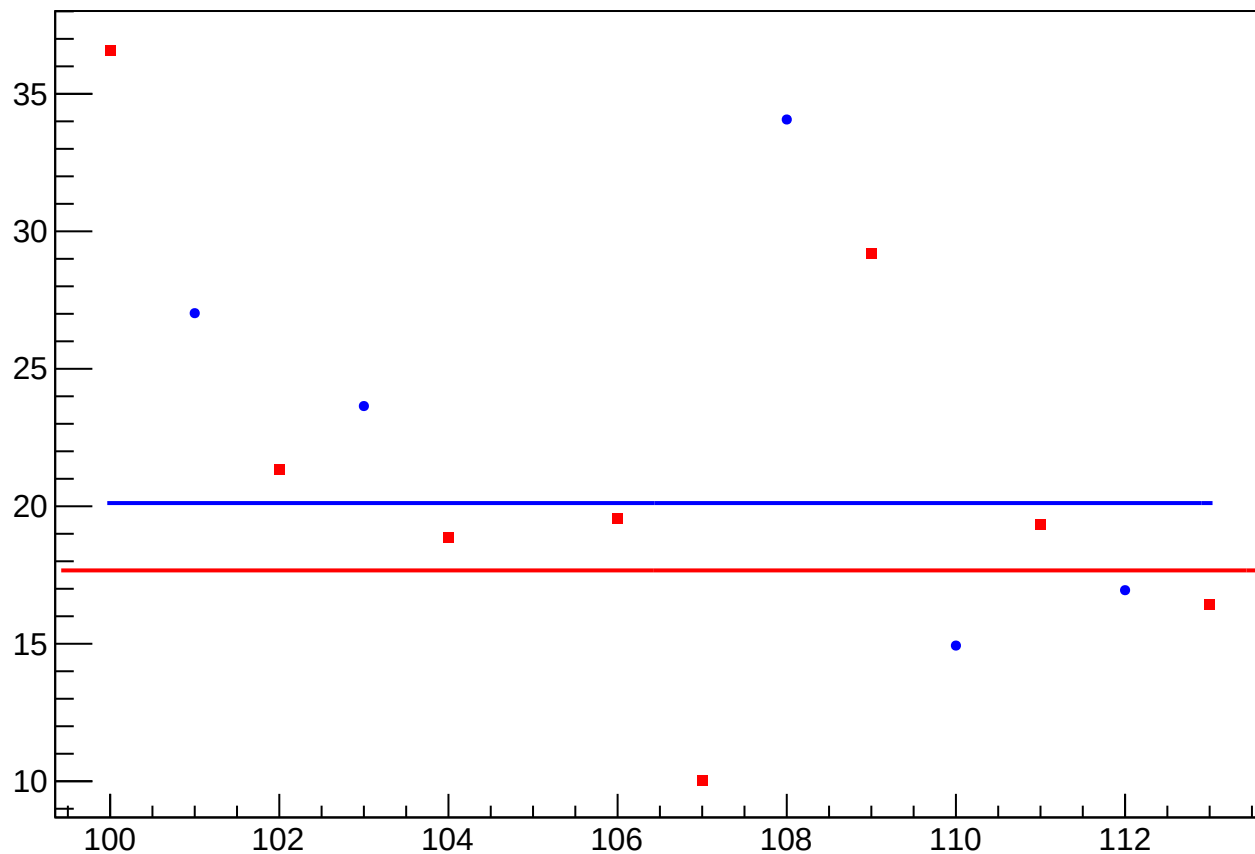
Right: 0.001 ± 0.009 χ^2/NDF : 16.1/12

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 : 16.1/12

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: 17.668+/-0.008 χ^2/NDF : 459988.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

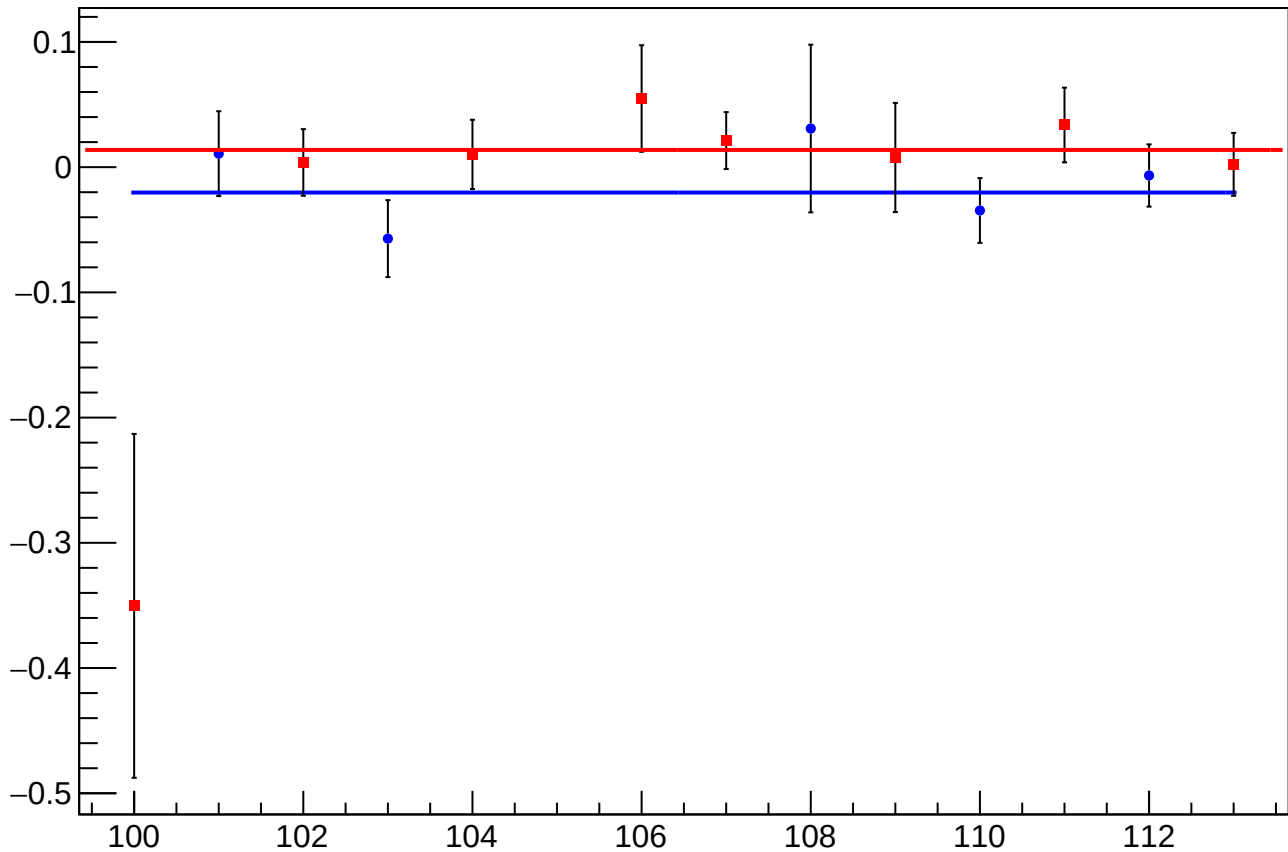
Right: 18.605+/-0.006 χ^2/NDF : 808086.7/12

In: 20.117+/-0.010 χ^2/NDF : 309098.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.605+/-0.006 χ^2/NDF : 808086.7/12

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: 0.014 ± 0.011 χ^2/NDF : 8.9/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

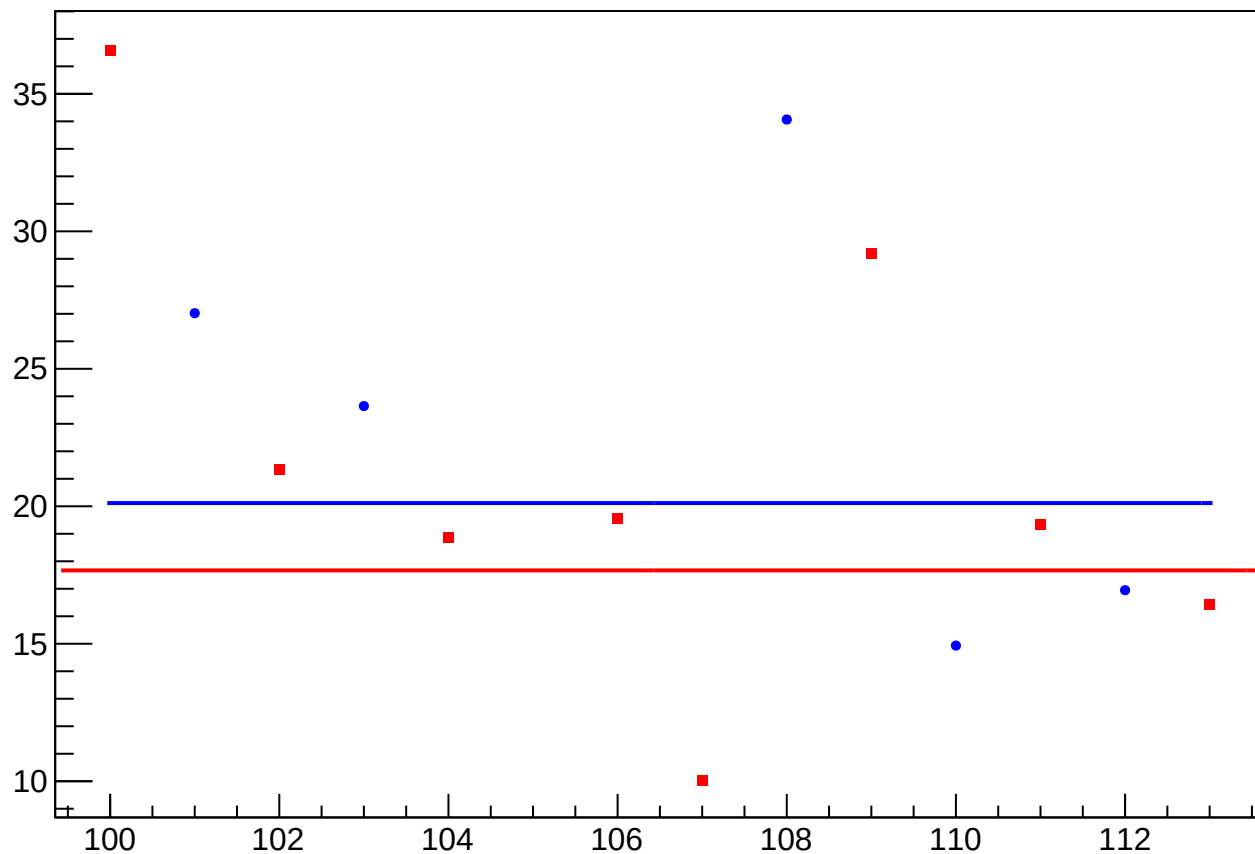
Right: 0.001 ± 0.009 χ^2/NDF : 16.1/12

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 : 16.1/12

asym_sam_15_avg_dit_vs_eigen_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: 17.668+/-0.008 χ^2/NDF : 459988.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

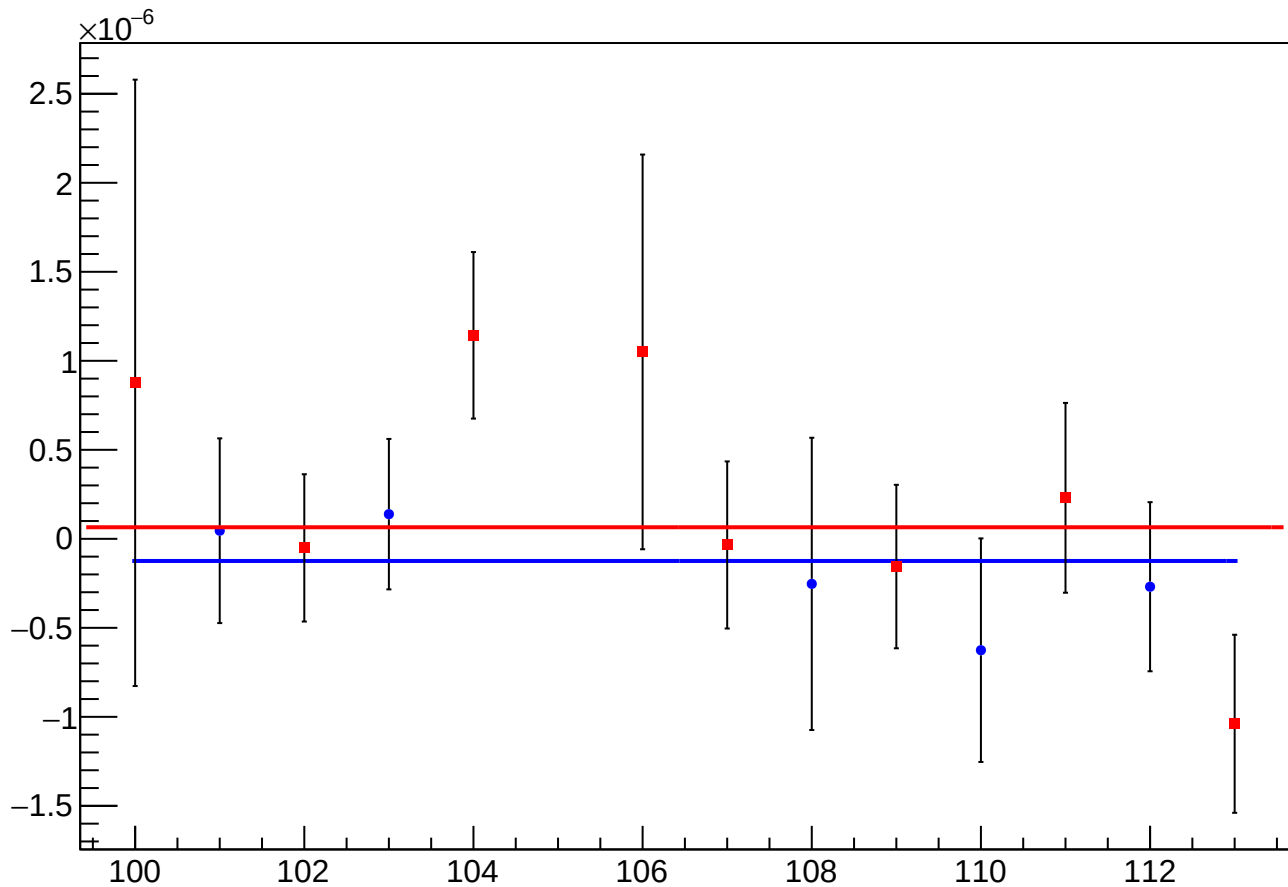
Right: 18.605+/-0.006 χ^2/NDF : 808086.7/12

In: 20.117+/-0.010 χ^2/NDF : 309098.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.605+/-0.006 χ^2/NDF : 808086.7/12

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 : 11.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

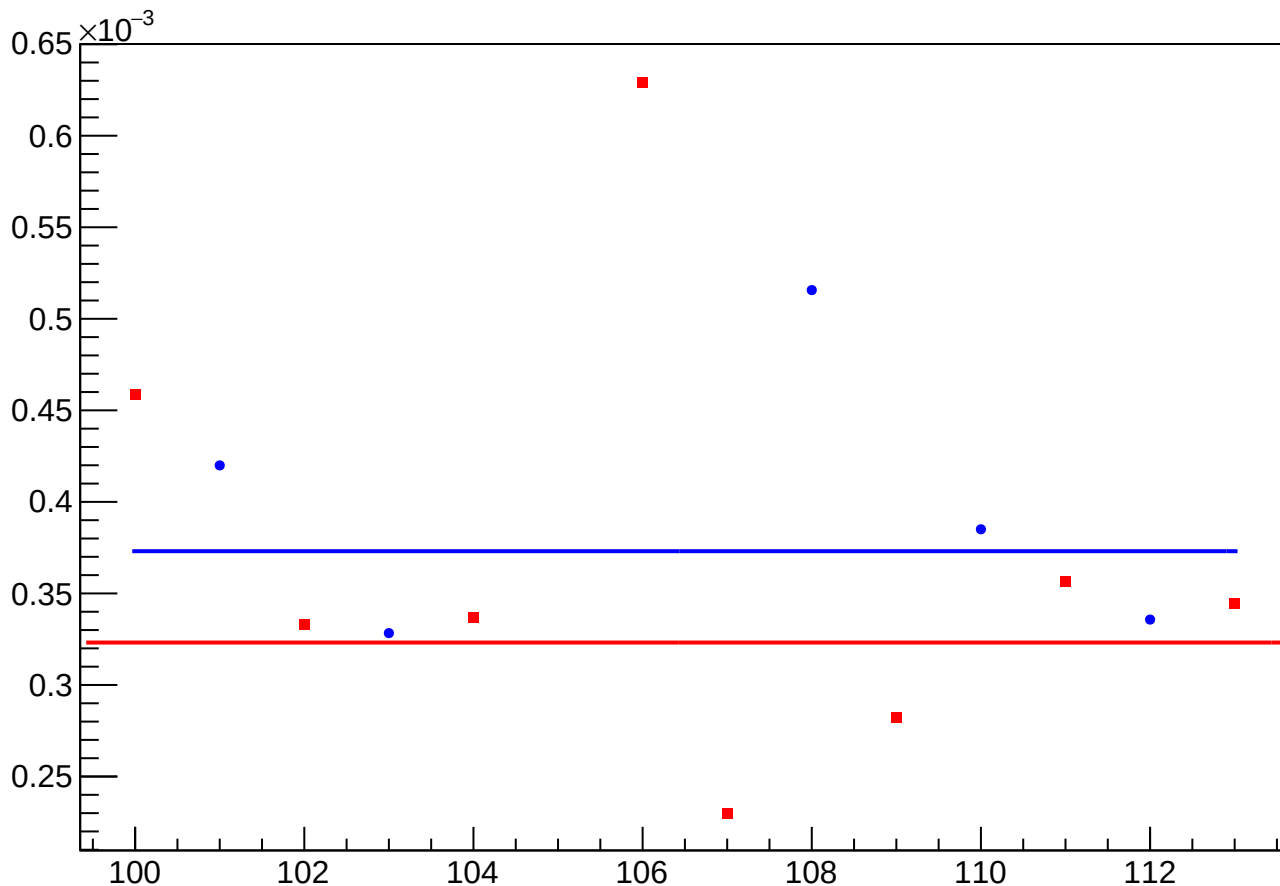
Right: -0.000+/-0.000 χ^2/NDF : 13.3/12

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 : 13.3/12

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 : 274112.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

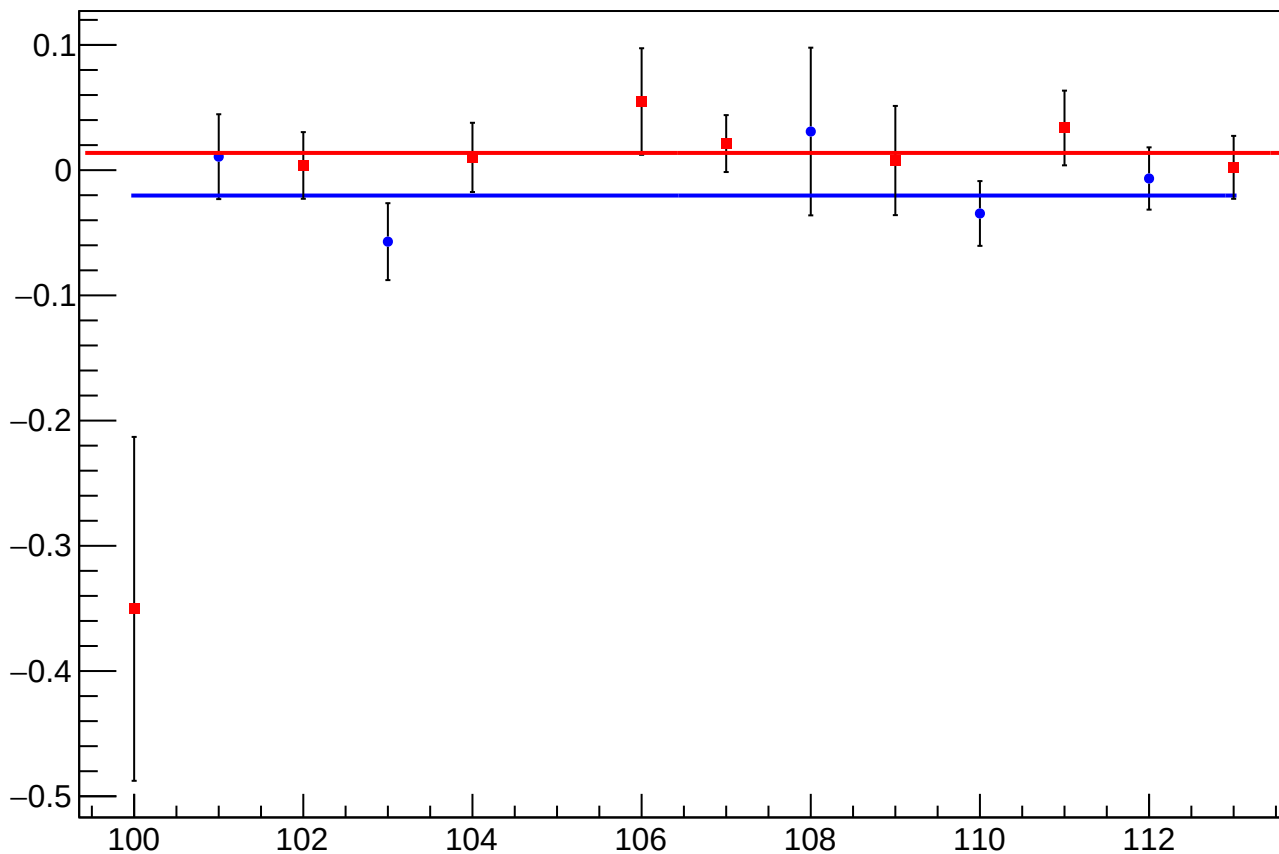
Right: 0.000+/-0.000 χ^2/NDF : 440712.1/12

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 : 440712.1/12

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: 0.014 ± 0.011 χ^2/NDF : 8.9/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

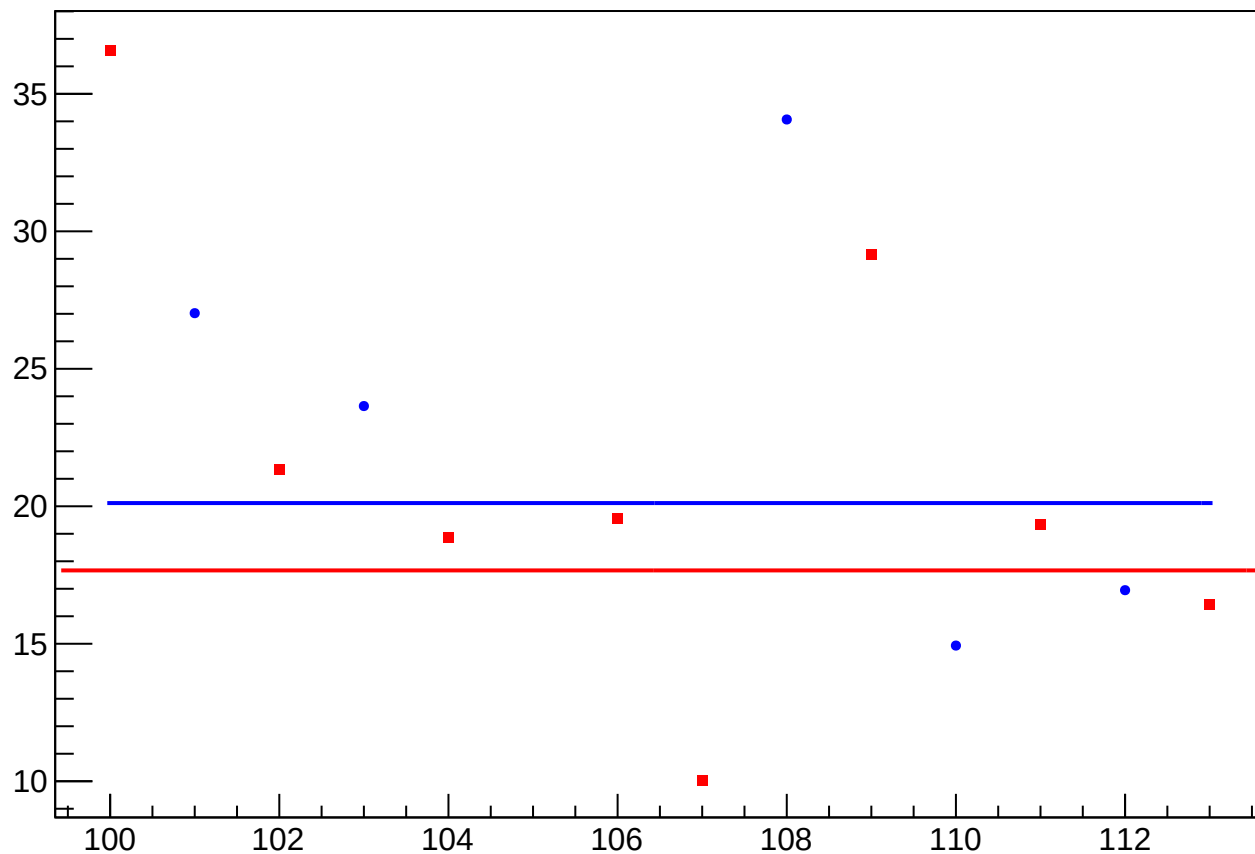
Right: 0.001 ± 0.009 χ^2/NDF : 16.1/12

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 : 16.1/12

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: 17.668+/-0.008 χ^2/NDF : 459997.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

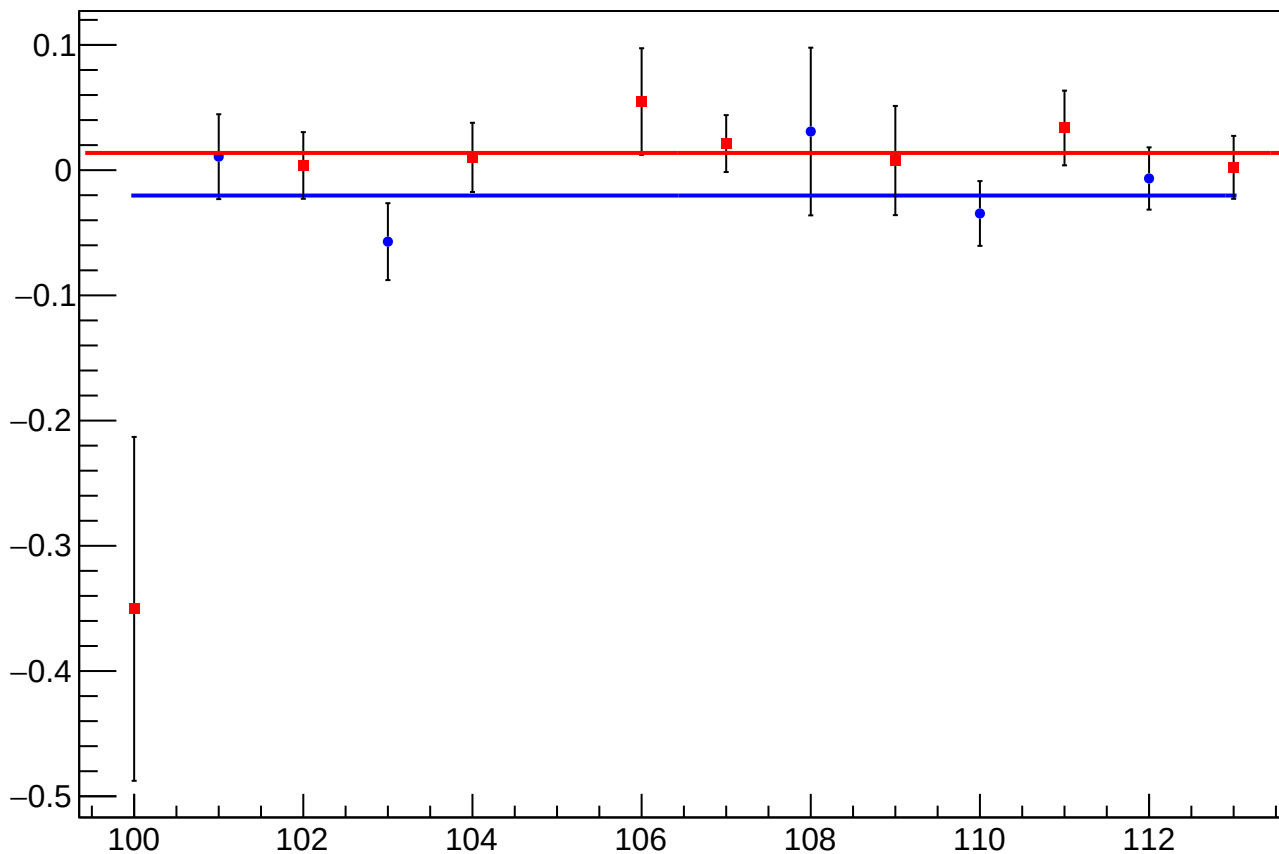
Right: 18.605+/-0.006 χ^2/NDF : 808102.4/12

In: 20.117+/-0.010 χ^2/NDF : 309102.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.605+/-0.006 χ^2/NDF : 808102.4/12

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 $\pm$ 0.014 χ^2 /NDF: 3.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.014 $\pm$ 0.011 χ^2 /NDF: 8.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

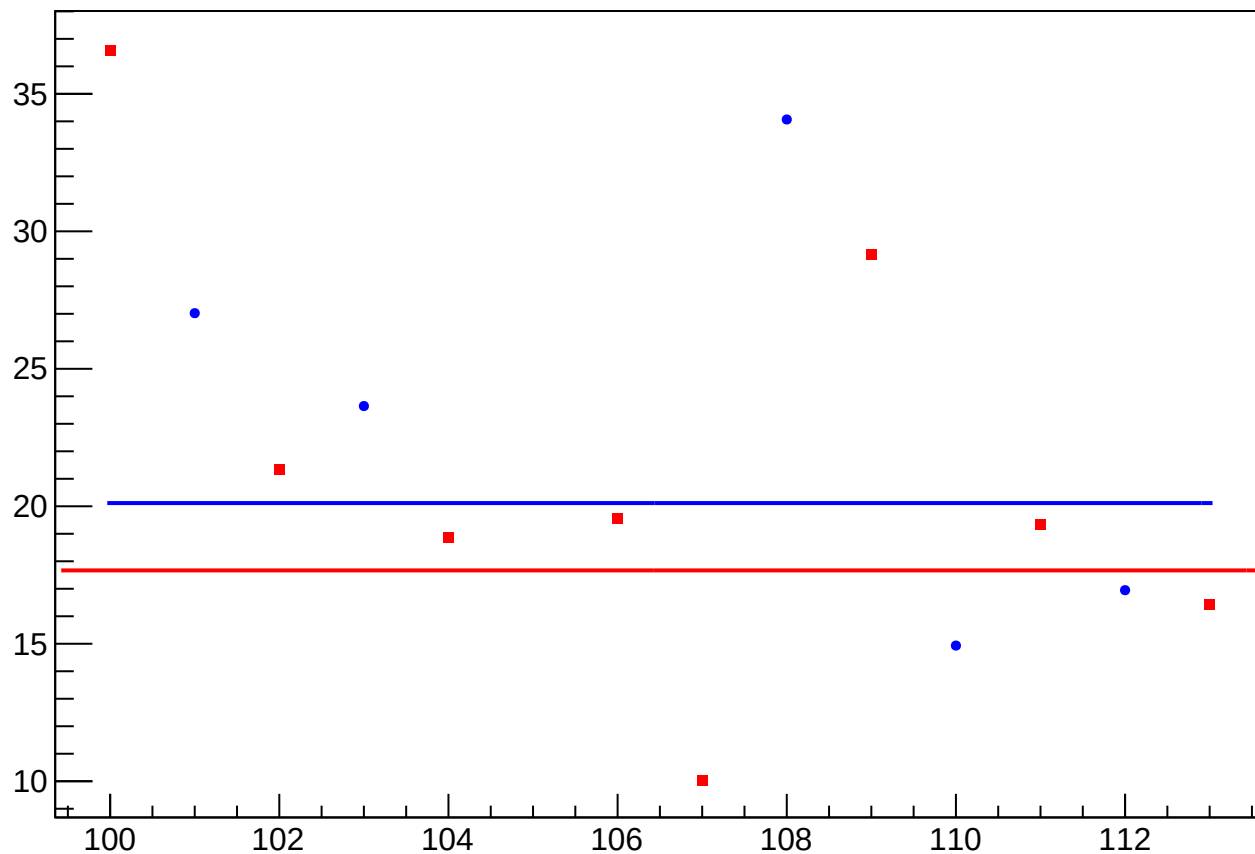
Right: 0.001 $\pm$ 0.009 χ^2 /NDF: 16.1/12

In: -0.020 $\pm$ 0.014 χ^2 /NDF:3.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.009 χ^2 /NDF: 16.1/12

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: 17.668+/-0.008 χ^2/NDF : 459997.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

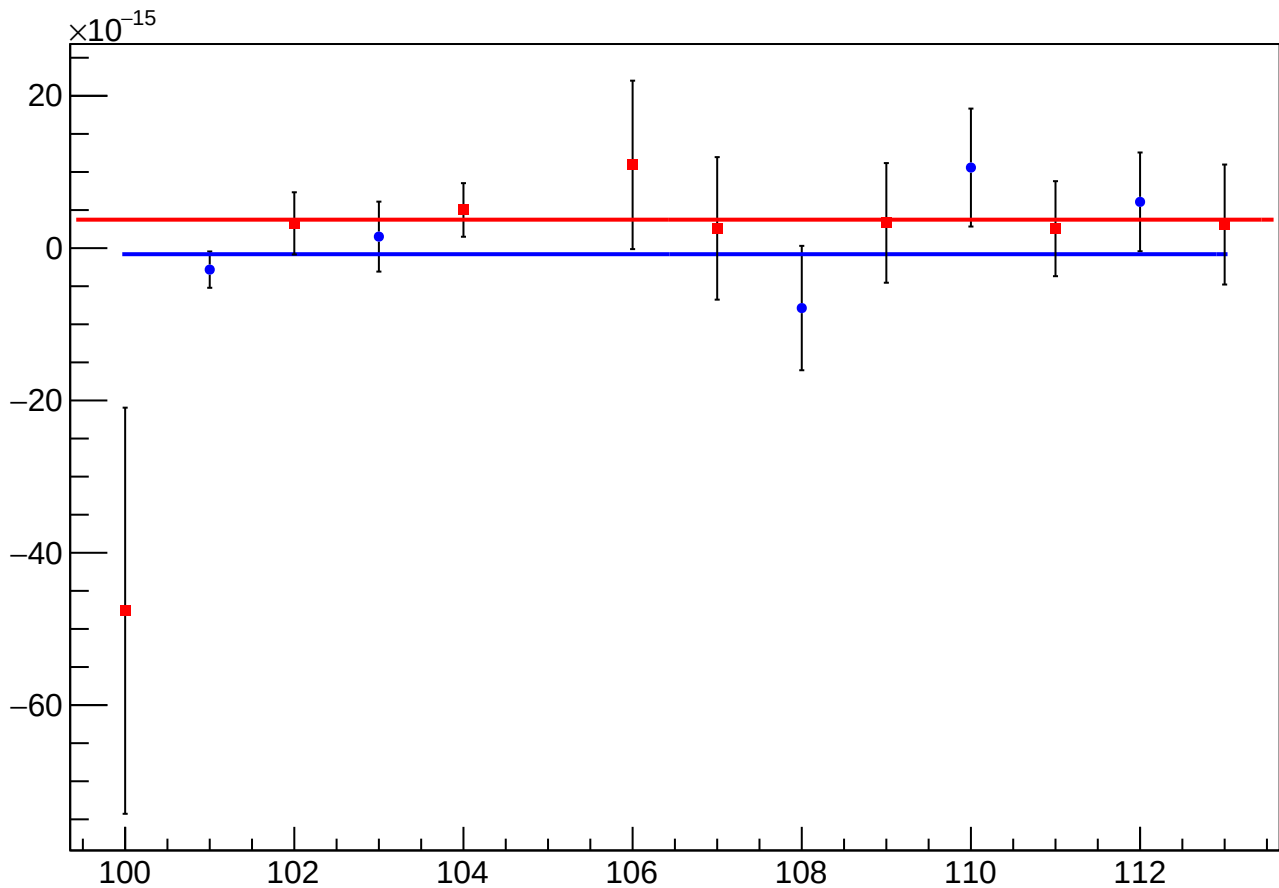
Right: 18.605+/-0.006 χ^2/NDF : 808102.4/12

In: 20.117+/-0.010 χ^2/NDF : 309102.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.605+/-0.006 χ^2/NDF : 808102.4/12

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 : 4.3/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

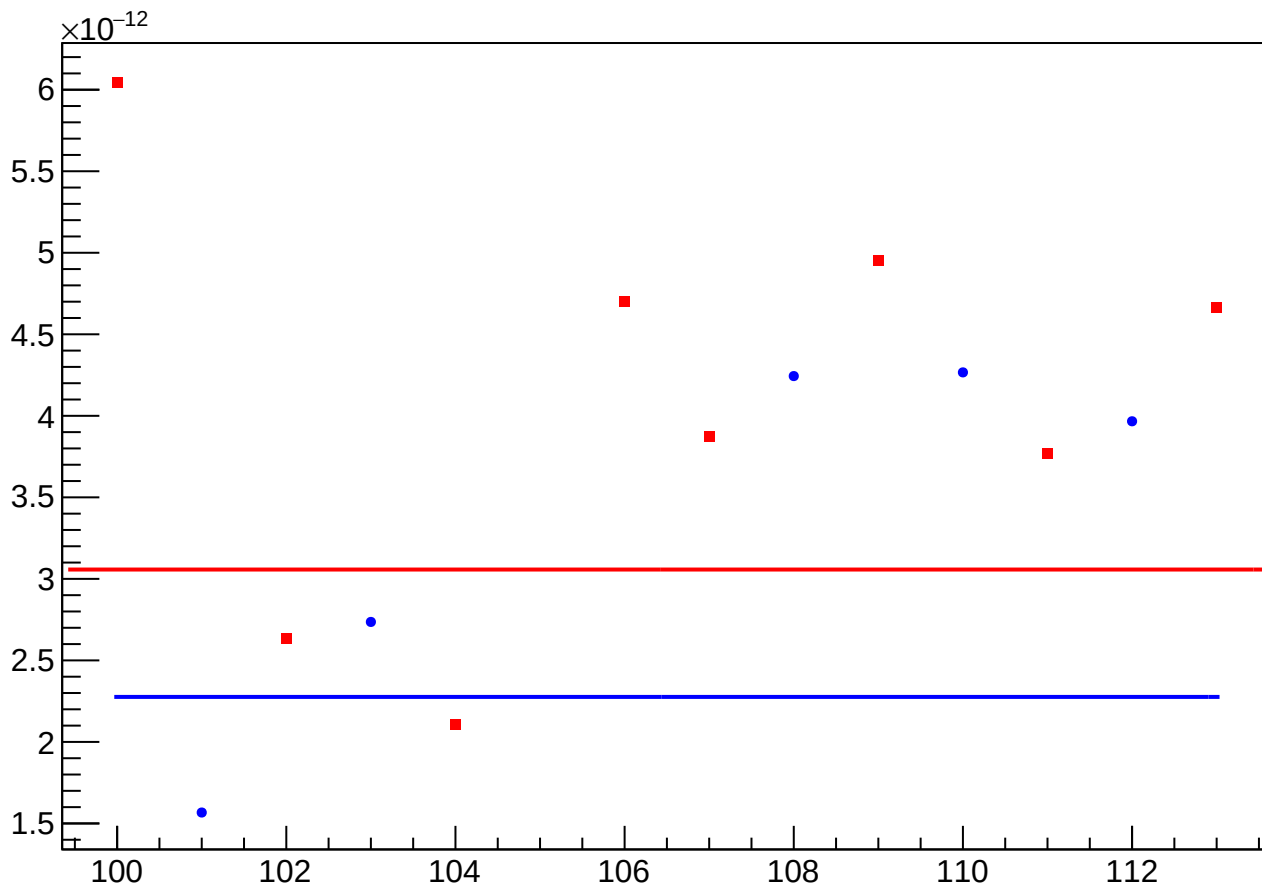
Right: 0.000 ± 0.000 χ^2/NDF : 11.9/12

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 : 11.9/12

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 : 476211.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

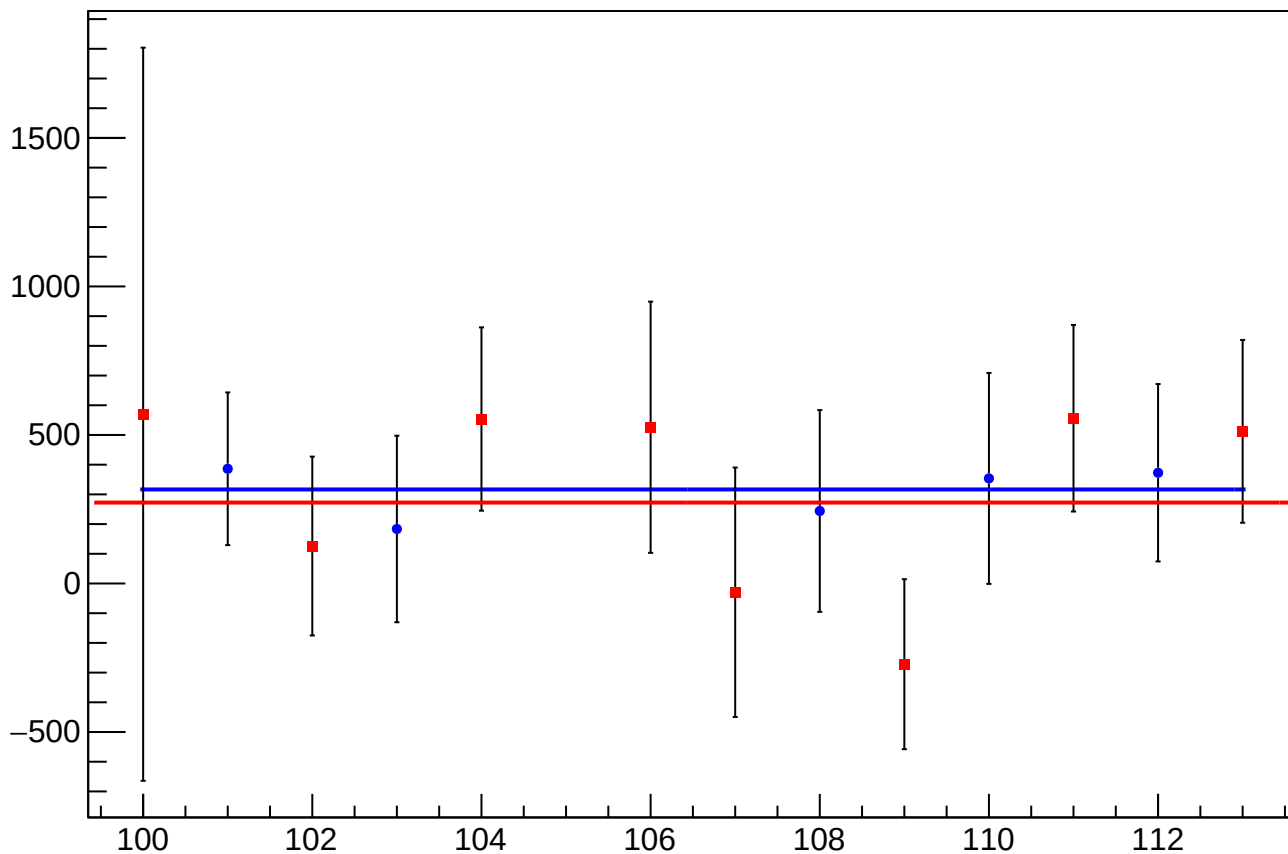
Right: 0.000+/-0.000 χ^2/NDF : 1207356.2/12

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 : 1207356.2/12

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: 272.450+/-122.740 χ^2/NDF : 7.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

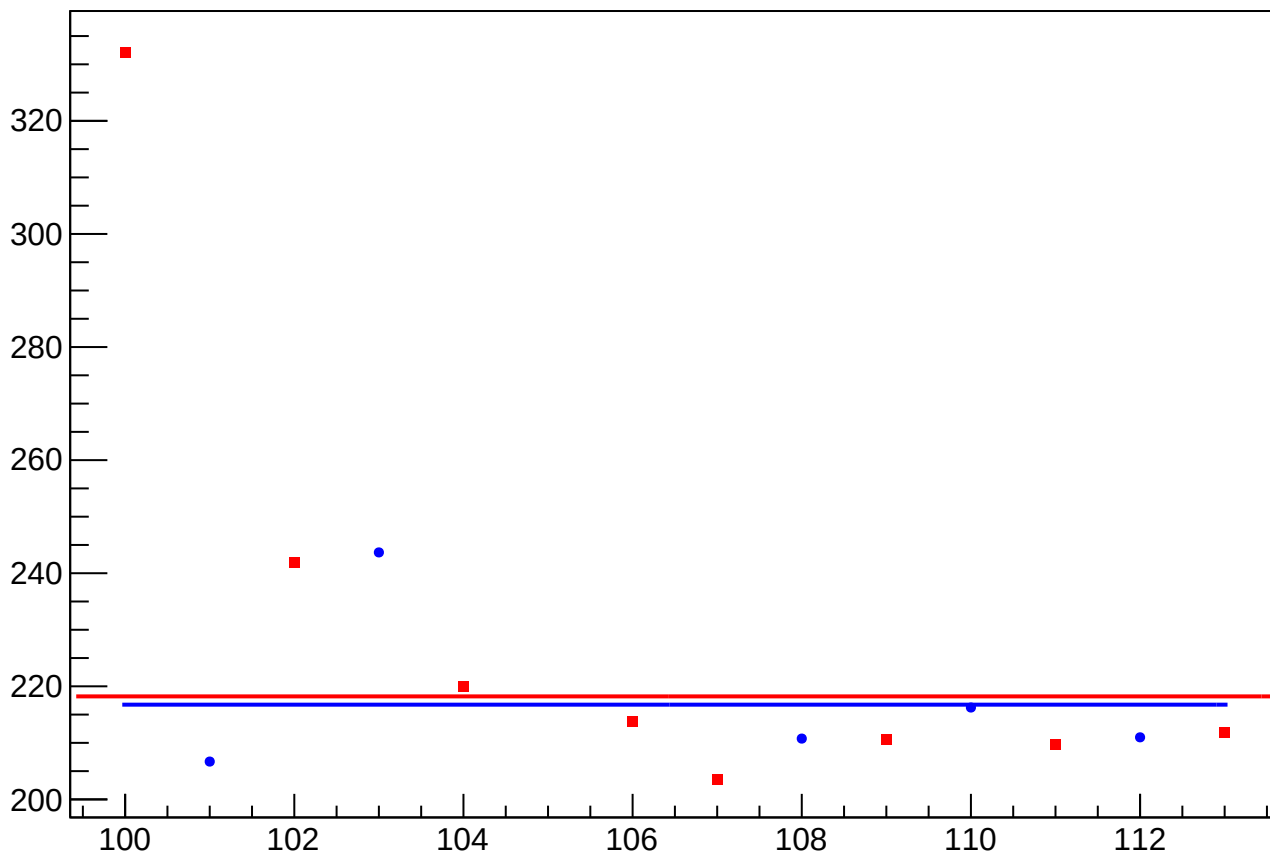
Right: 292.069+/-91.484 χ^2/NDF : 7.4/12

In: 316.593+/-137.225 χ^2/NDF : 0.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 292.069+/-91.484 χ^2/NDF : 7.4/12

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: 218.219+/-0.087 χ^2/NDF : 35776.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

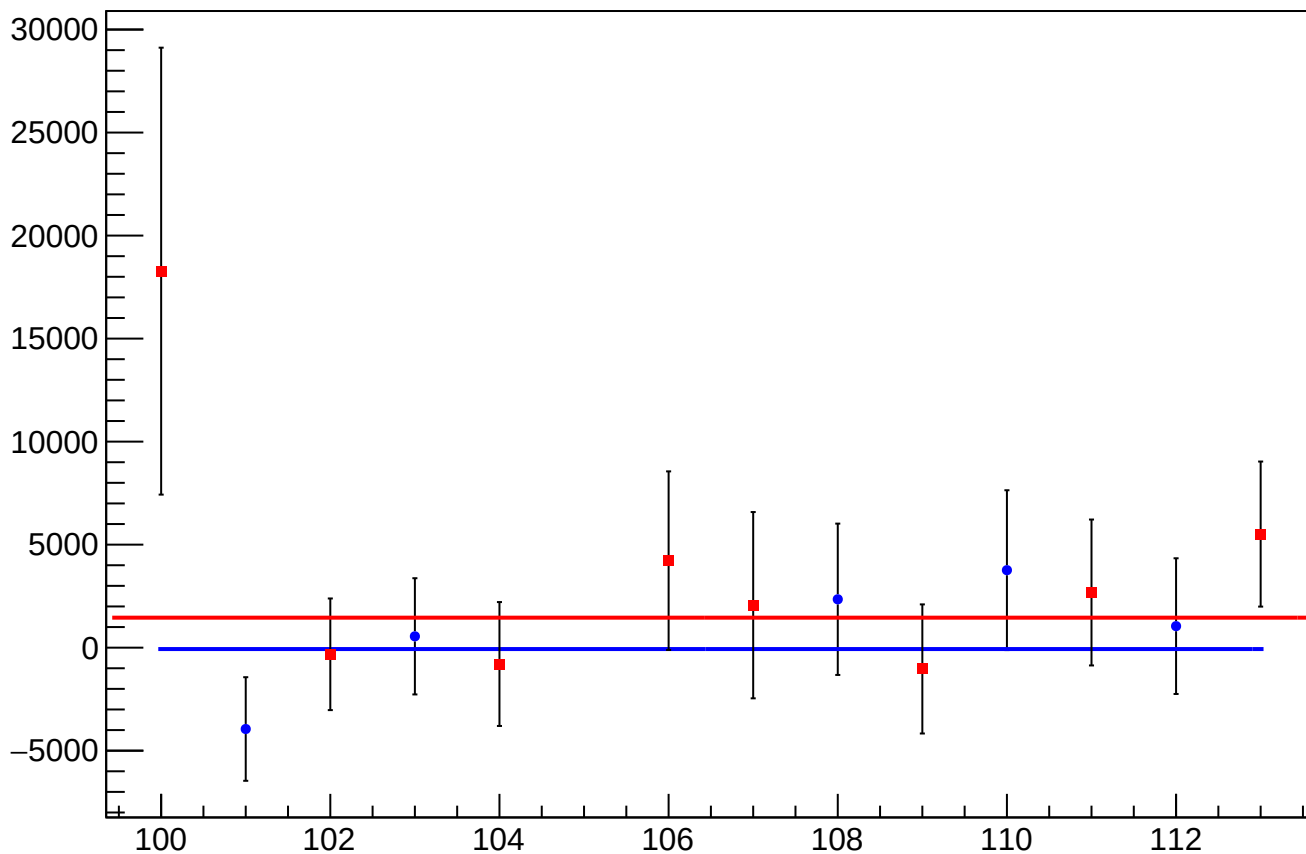
Right: 217.568+/-0.065 χ^2/NDF : 55056.6/12

In: 216.755+/-0.097 χ^2/NDF : 19153.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 217.568+/-0.065 χ^2/NDF : 55056.6/12

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: 1456.040 ± 1270.129 χ^2/NDF : 5.9/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

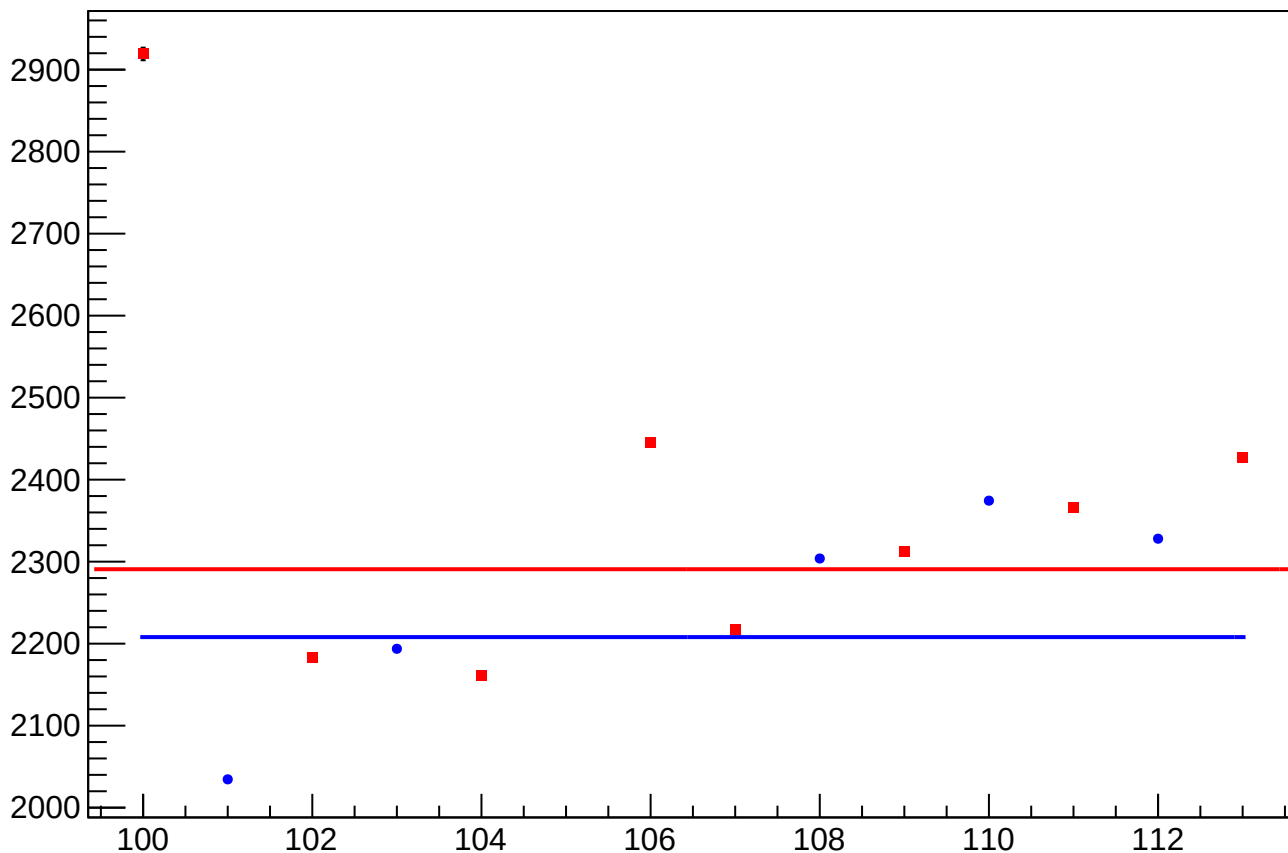
Right: 763.347 ± 937.959 χ^2/NDF : 10.5/12

In: -67.523 ± 1391.053 χ^2/NDF : 4.0/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 763.347 ± 937.959 χ^2/NDF : 10.5/12

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: 2290.761+/-0.898 χ^2/NDF : 20637.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

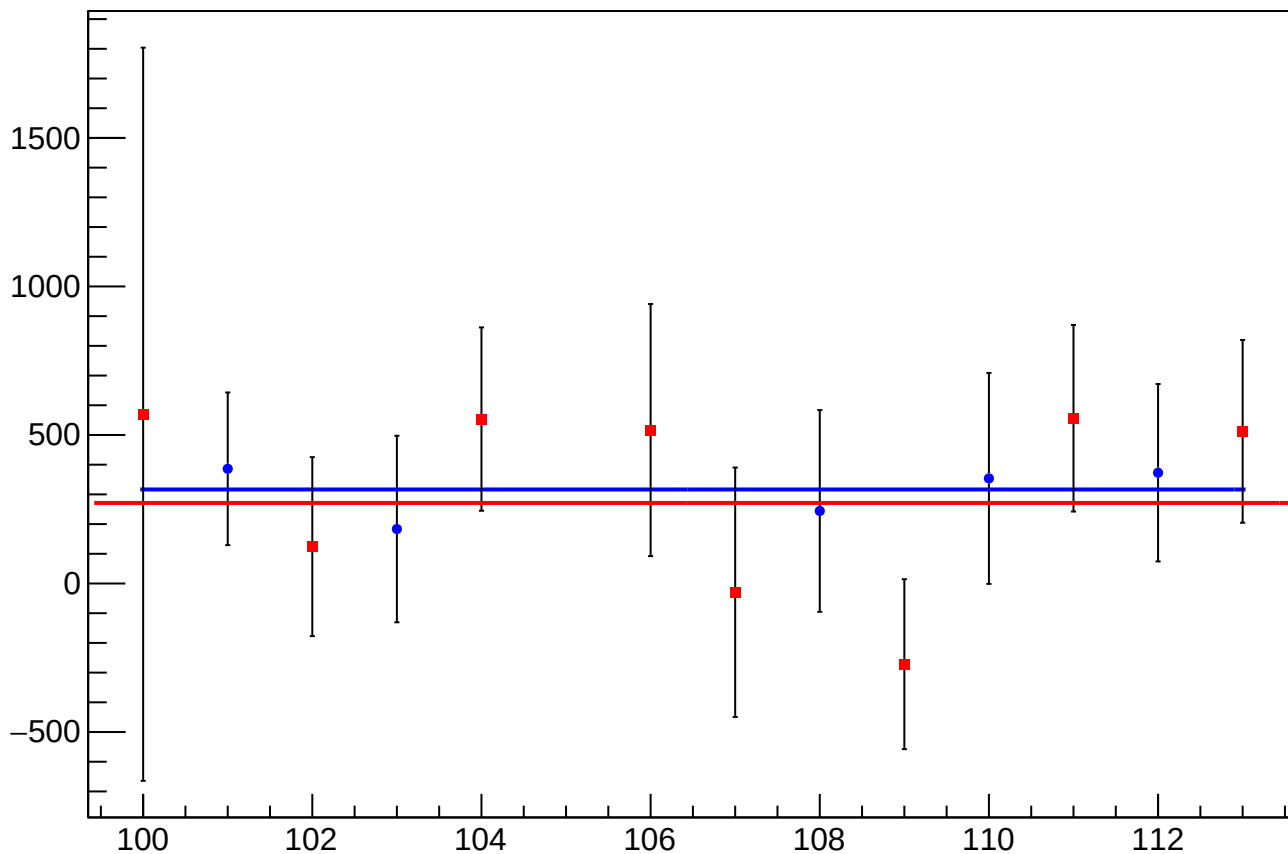
Right: 2253.131+/-0.663 χ^2/NDF : 41769.8/12

In: 2207.995+/-0.984 χ^2/NDF : 17271.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2253.131+/-0.663 χ^2/NDF : 41769.8/12

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: 271.209 $\pm$ 122.787 χ^2 /NDF: 7.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

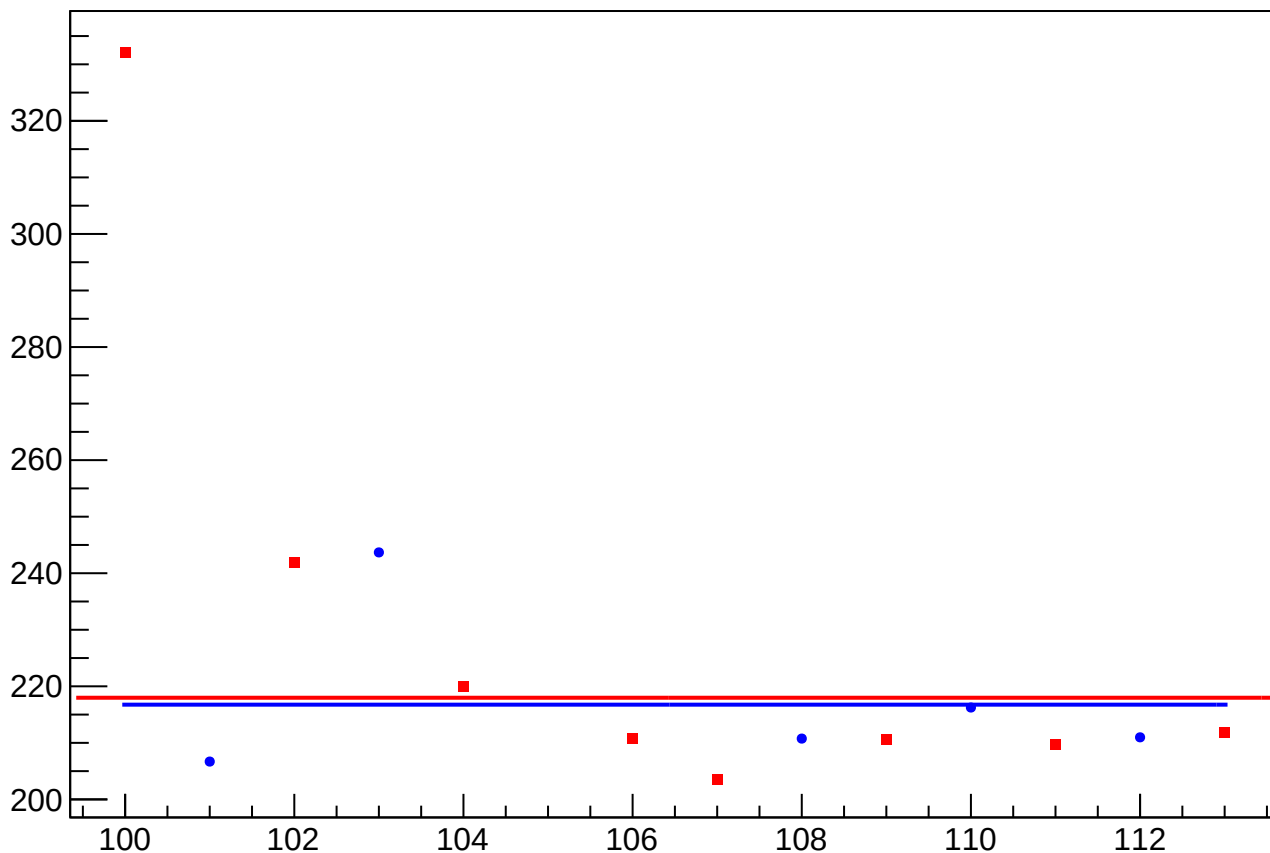
Right: 291.375 $\pm$ 91.504 χ^2 /NDF: 7.4/12

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: 291.375 $\pm$ 91.504 χ^2 /NDF: 7.4/12

cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 216.755+/-0.097 χ^2/NDF : 19154.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 217.980+/-0.087 χ^2/NDF : 36302.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

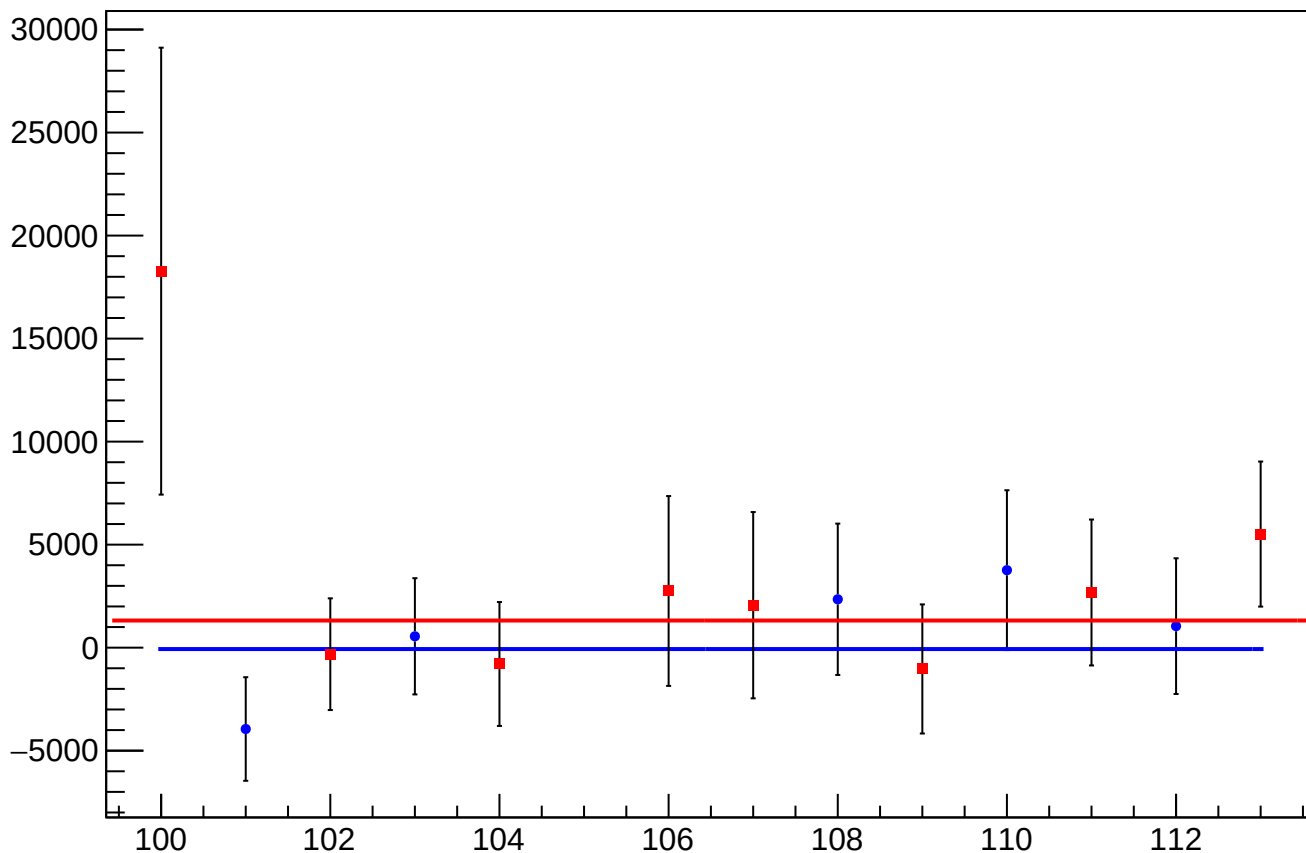
Right: 217.435+/-0.065 χ^2/NDF : 55545.4/12

In: 216.755+/-0.097 χ^2/NDF : 19154.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 217.435+/-0.065 χ^2/NDF : 55545.4/12

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: 1317.270 ± 1276.623 χ^2/NDF : 5.6/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

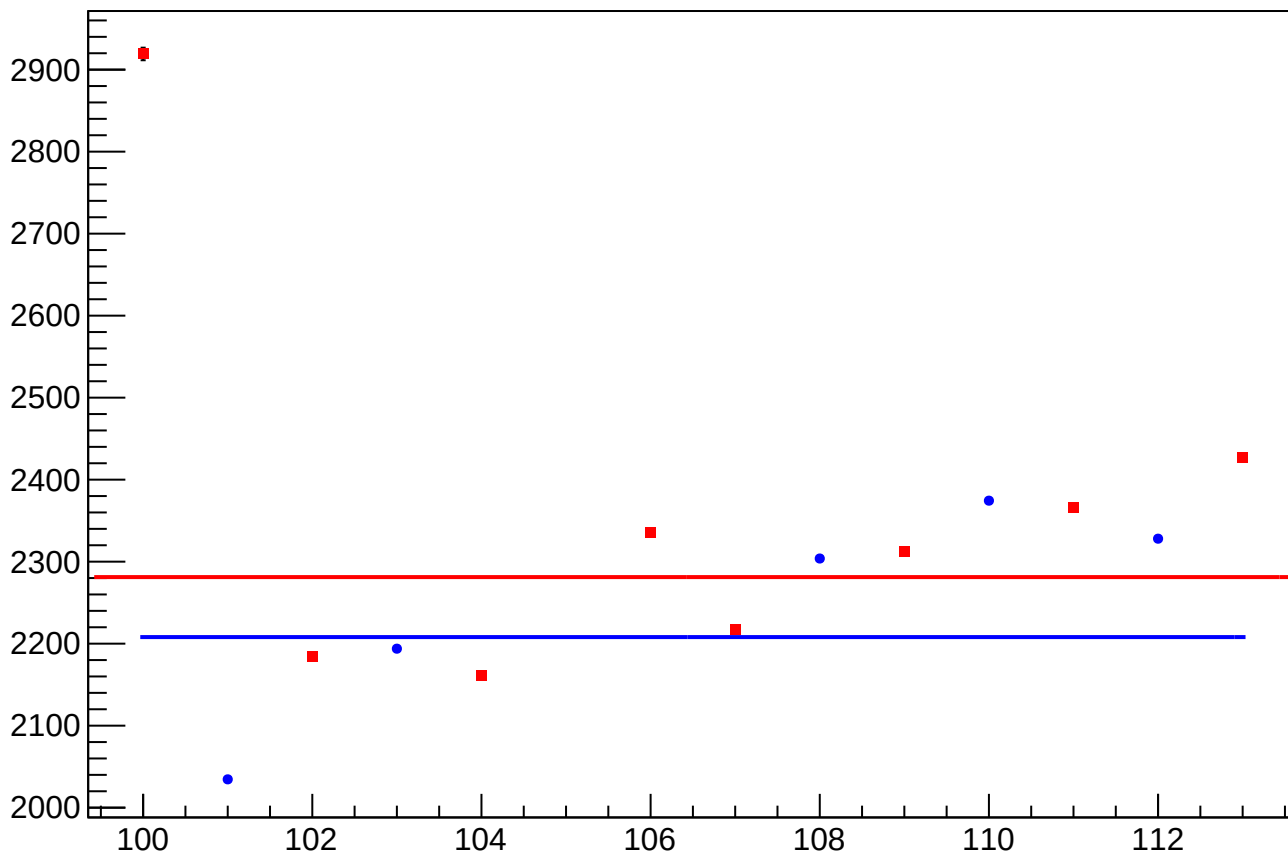
Right: 684.297 ± 940.571 χ^2/NDF : 10.0/12

In: -67.255 ± 1391.072 χ^2/NDF : 4.0/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 684.297 ± 940.571 χ^2/NDF : 10.0/12

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: 2281.180+/-0.903 χ^2/NDF : 18094.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

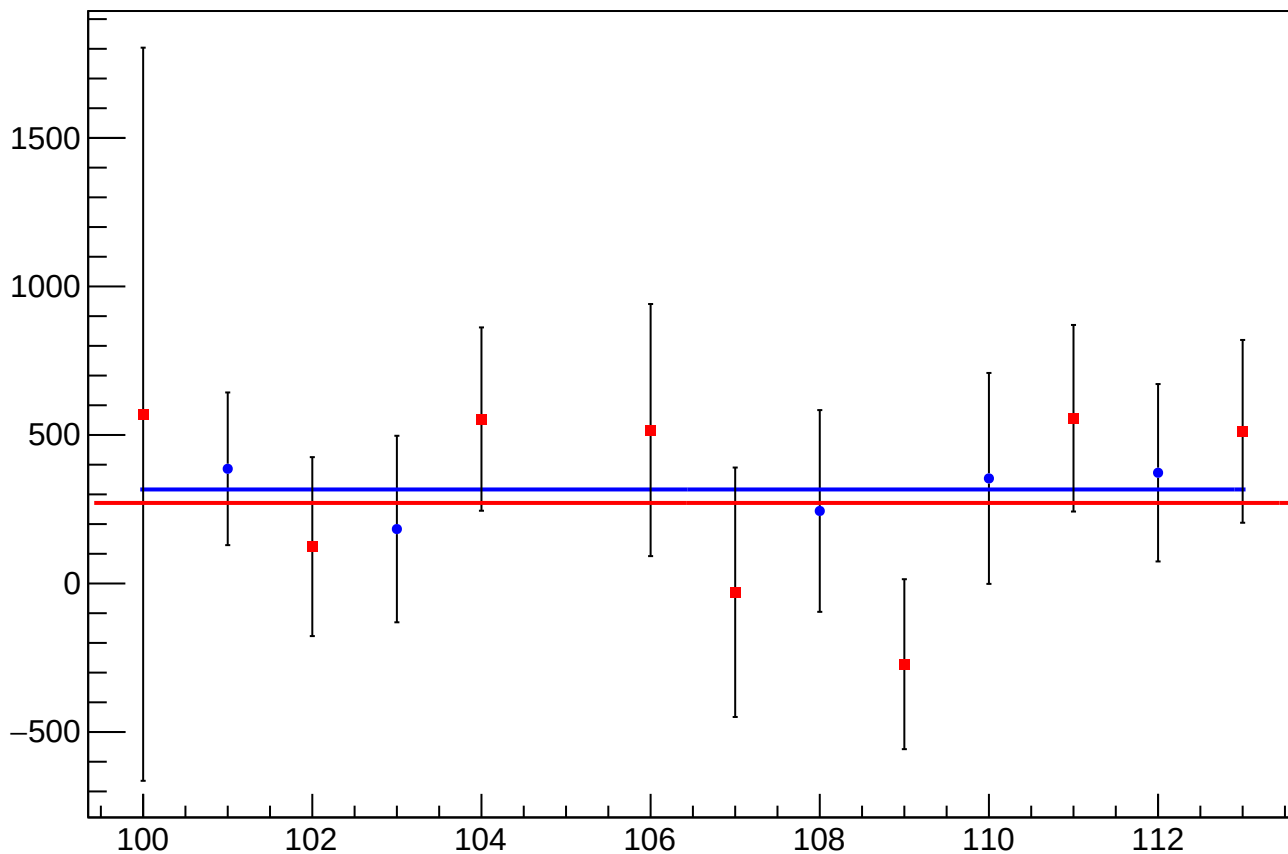
Right: 2247.735+/-0.665 χ^2/NDF : 38367.2/12

In: 2208.023+/-0.984 χ^2/NDF : 17270.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2247.735+/-0.665 χ^2/NDF : 38367.2/12

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: 271.209 $\pm$ 122.787 χ^2 /NDF: 7.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

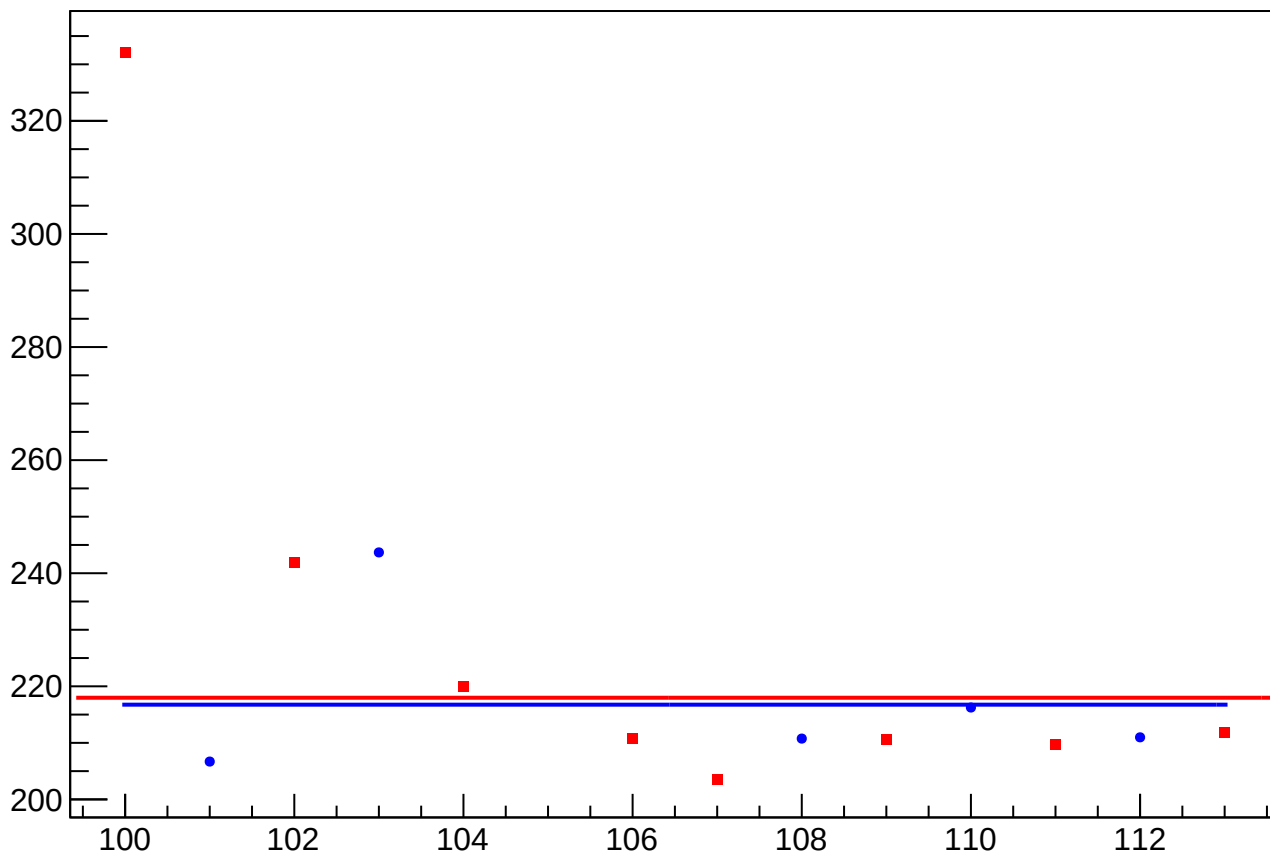
Right: 291.375 $\pm$ 91.504 χ^2 /NDF: 7.4/12

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: 291.375 $\pm$ 91.504 χ^2 /NDF: 7.4/12

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: 217.980 $\pm$ 0.087 χ^2 /NDF: 36302.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

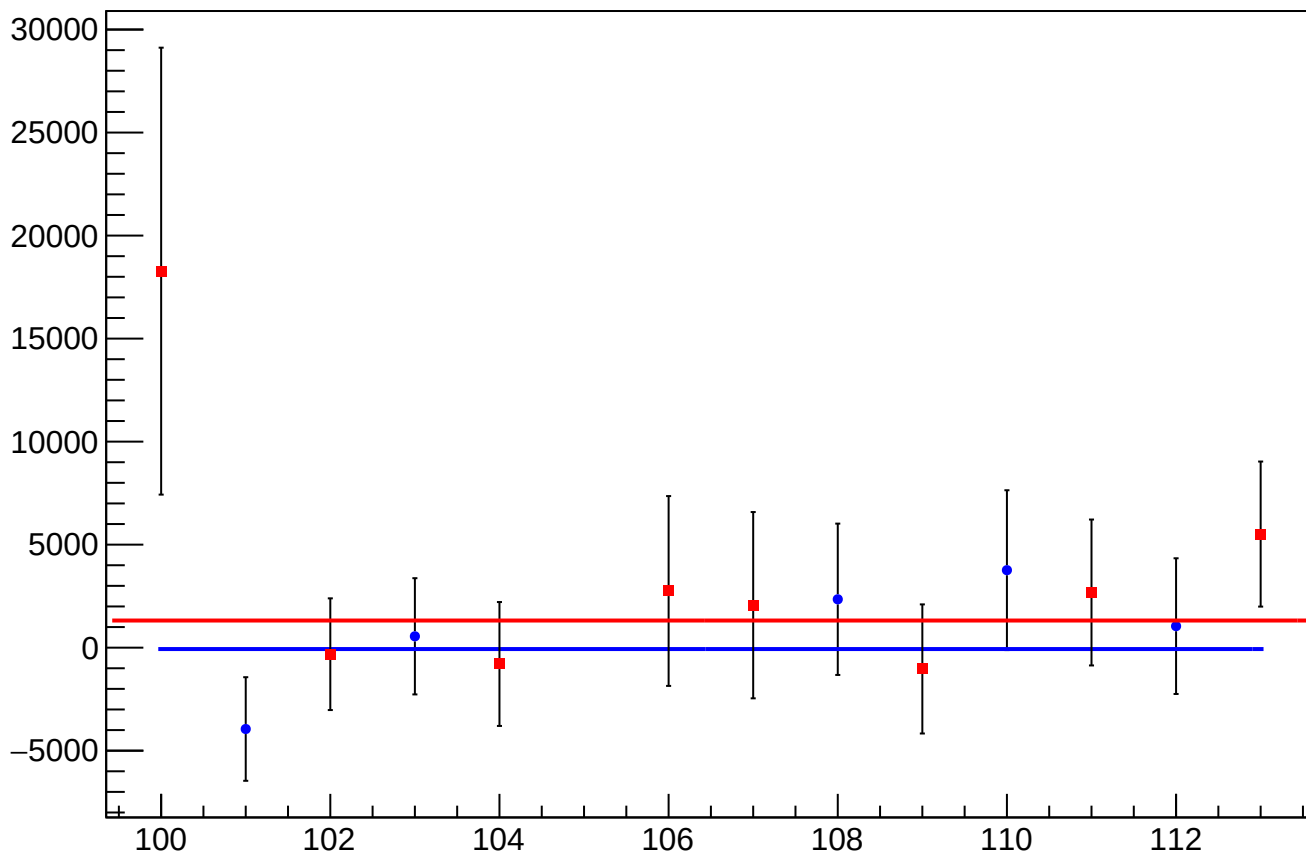
Right: 217.435 $\pm$ 0.065 χ^2 /NDF: 55545.4/12

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: 217.435 $\pm$ 0.065 χ^2 /NDF: 55545.4/12

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: 1317.270+/-1276.623 χ^2/NDF : 5.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

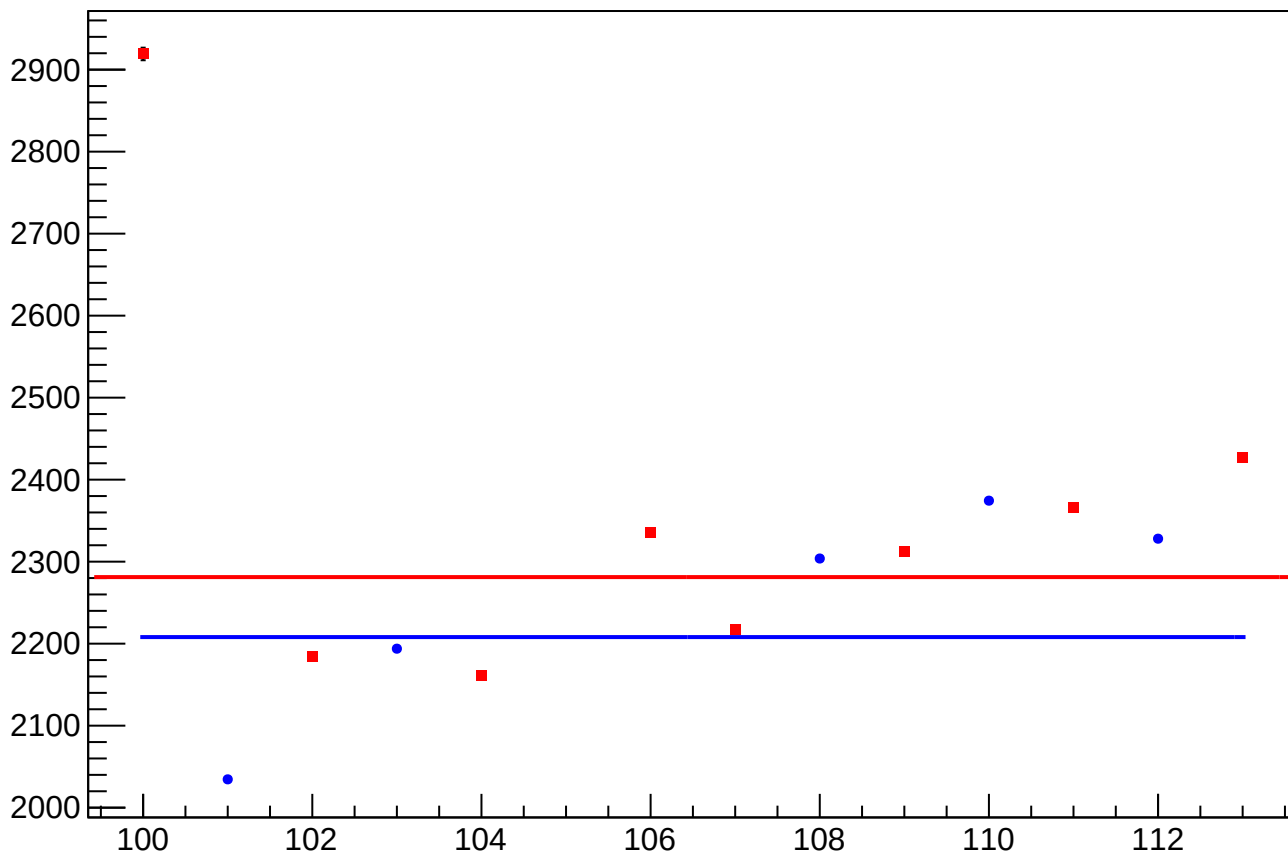
Right: 684.297+/-940.571 χ^2/NDF : 10.0/12

In: -67.255+/-1391.072 χ^2/NDF : 4.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 684.297+/-940.571 χ^2/NDF : 10.0/12

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: 2281.180+/-0.903 χ^2/NDF : 18094.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

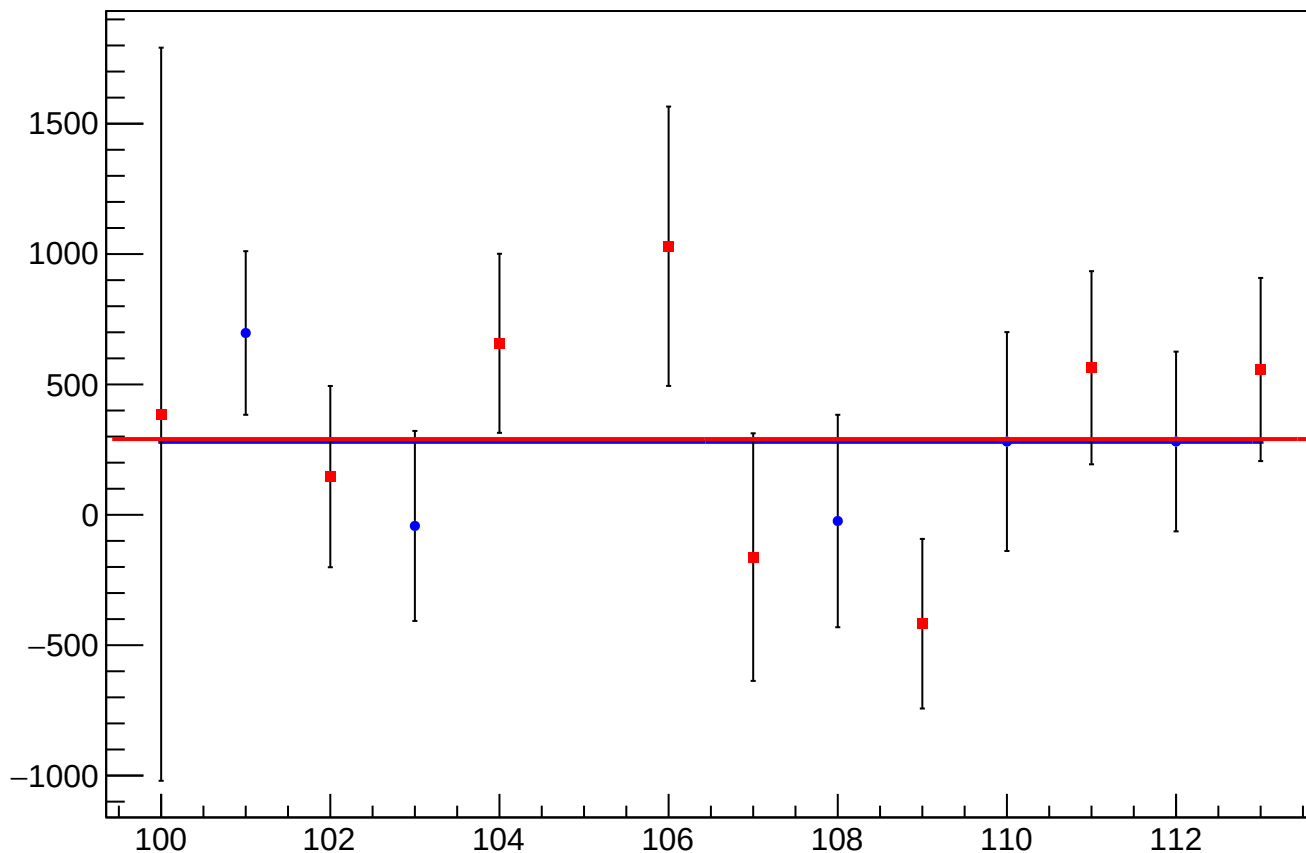
Right: 2247.735+/-0.665 χ^2/NDF : 38367.2/12

In: 2208.023+/-0.984 χ^2/NDF : 17270.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2247.735+/-0.665 χ^2/NDF : 38367.2/12

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 279.850 $\pm$ 162.622 χ^2 /NDF: 3.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 290.581 $\pm$ 141.374 χ^2 /NDF: 10.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

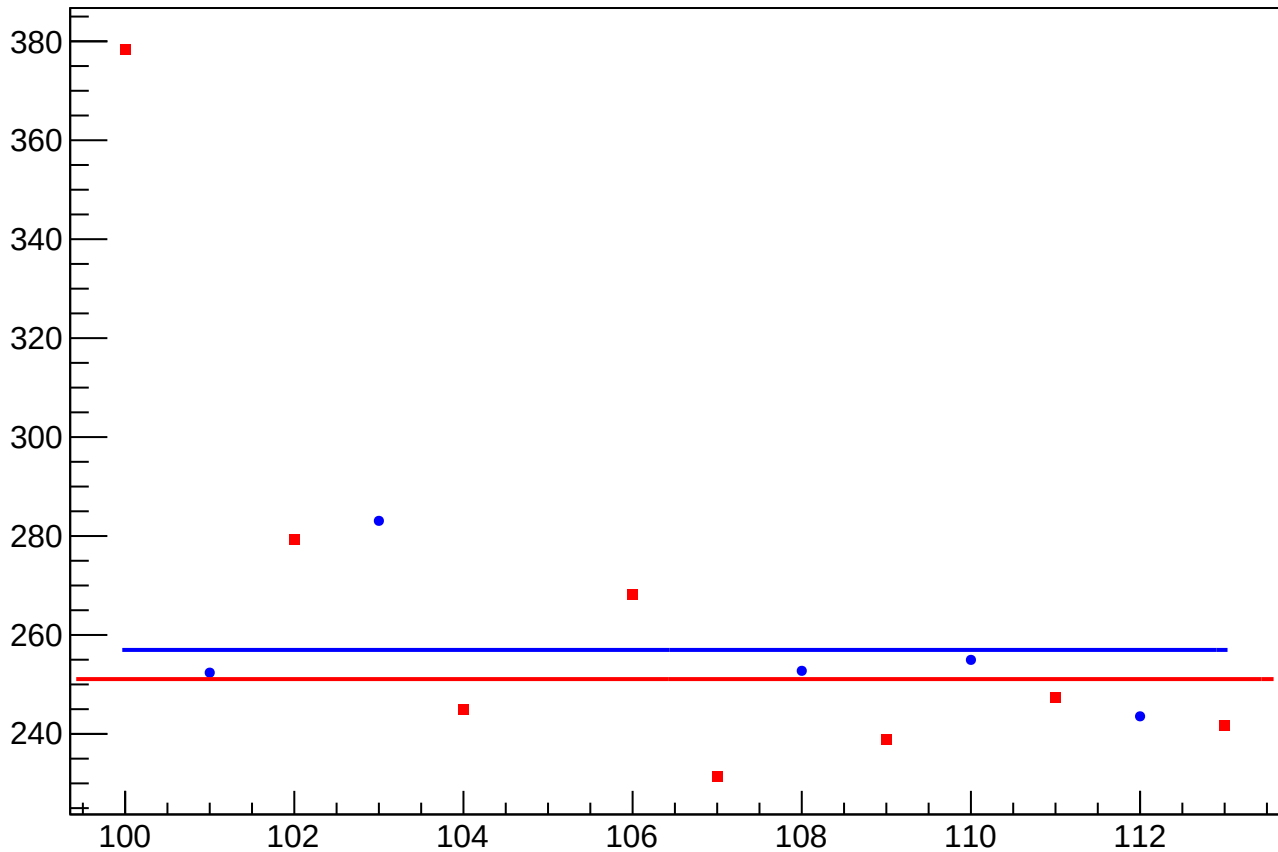
Right: 285.962 $\pm$ 106.693 χ^2 /NDF: 13.1/12

In: 279.850 $\pm$ 162.622 χ^2 /NDF:3.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 285.962 $\pm$ 106.693 χ^2 /NDF: 13.1/12

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 256.977+/-0.115 χ^2/NDF : 13980.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 251.082+/-0.100 χ^2/NDF : 40082.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

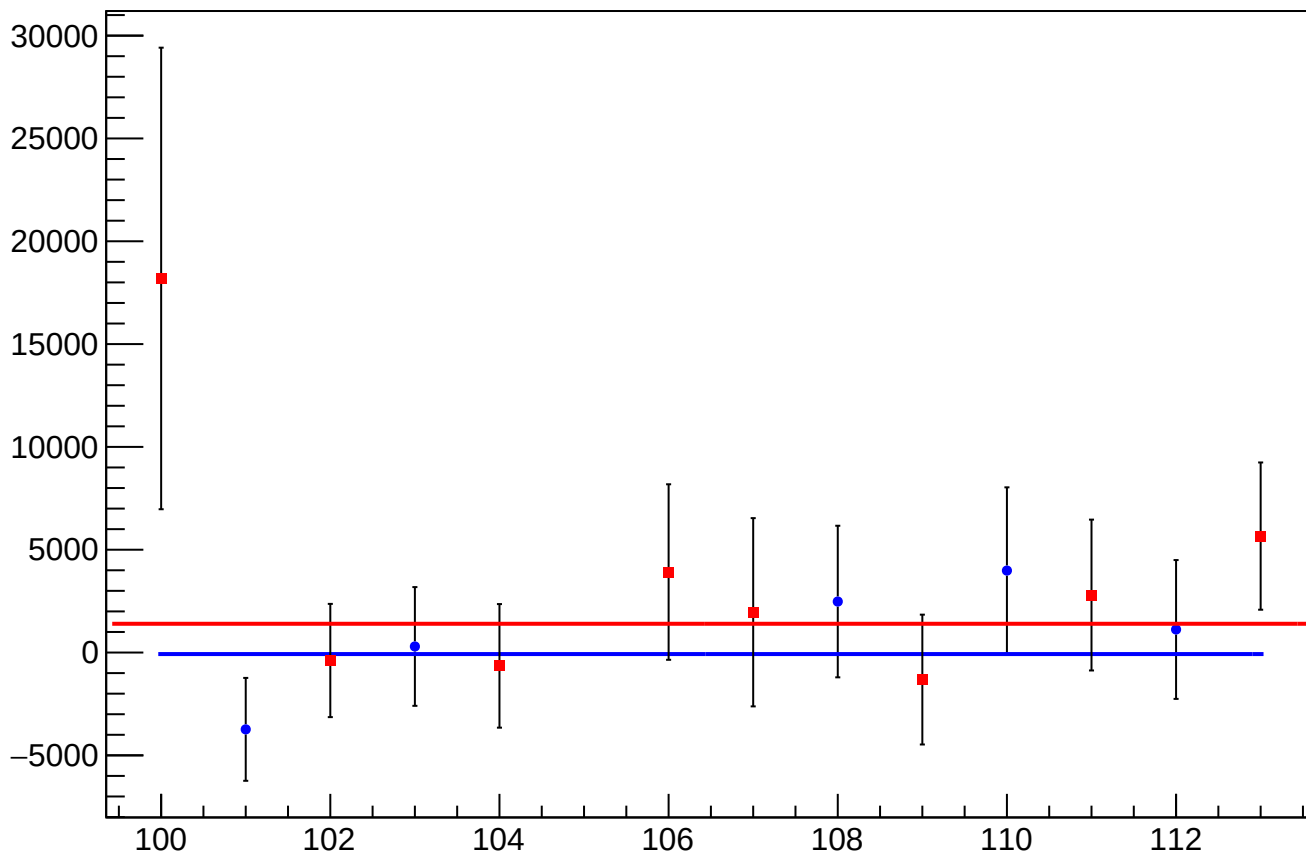
Right: 253.620+/-0.075 χ^2/NDF : 55560.1/12

In: 256.977+/-0.115 χ^2/NDF : 13980.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 253.620+/-0.075 χ^2/NDF : 55560.1/12

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: 1398.894+/-1284.708 χ^2/NDF : 5.8/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

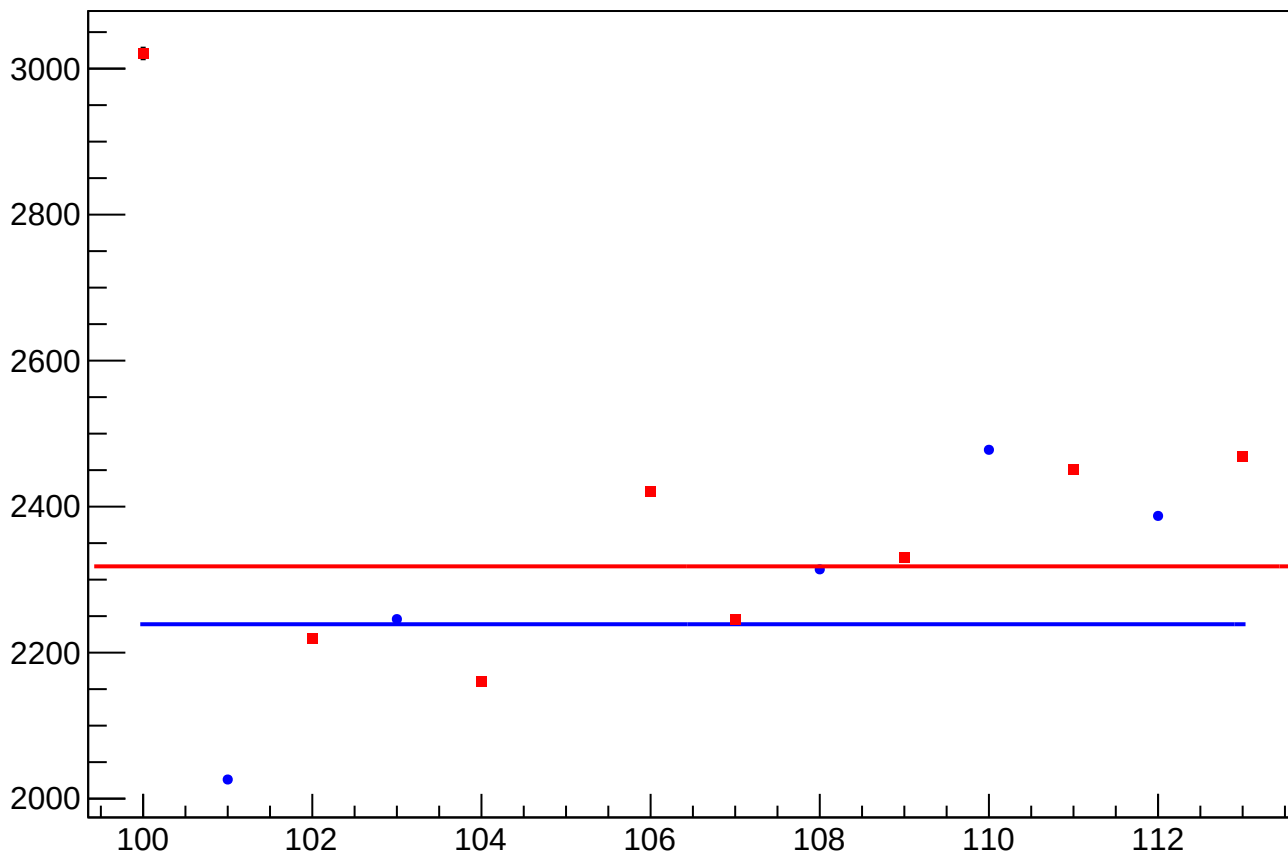
Right: 731.325+/-950.015 χ^2/NDF : 10.2/12

In: -74.212+/-1411.235 χ^2/NDF :3.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 731.325+/-950.015 χ^2/NDF : 10.2/12

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: 2318.200+/-0.908 χ^2/NDF : 23834.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

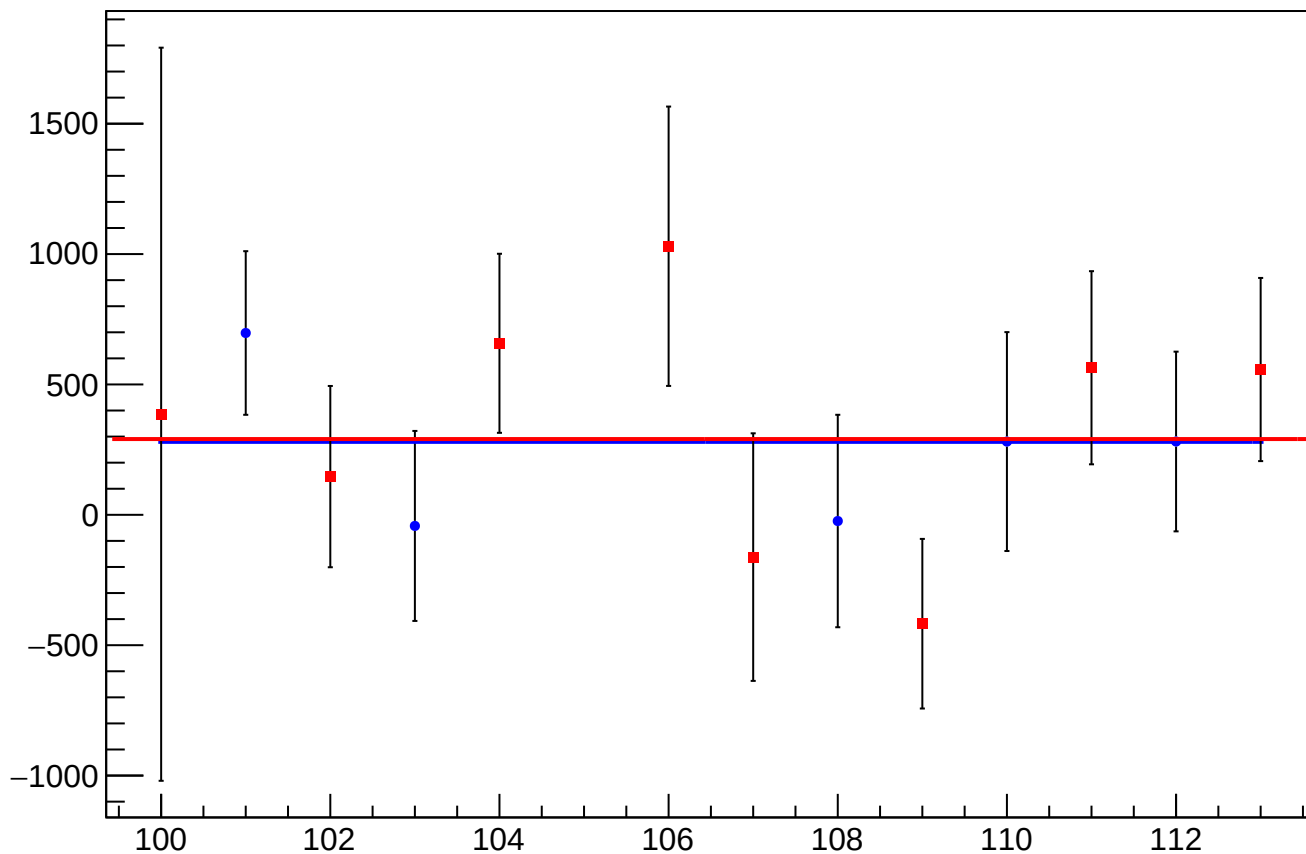
Right: 2282.263+/-0.672 χ^2/NDF : 53421.7/12

In: 2238.899+/-0.998 χ^2/NDF : 26133.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2282.263+/-0.672 χ^2/NDF : 53421.7/12

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: 290.577+/-141.373 χ^2/NDF : 10.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

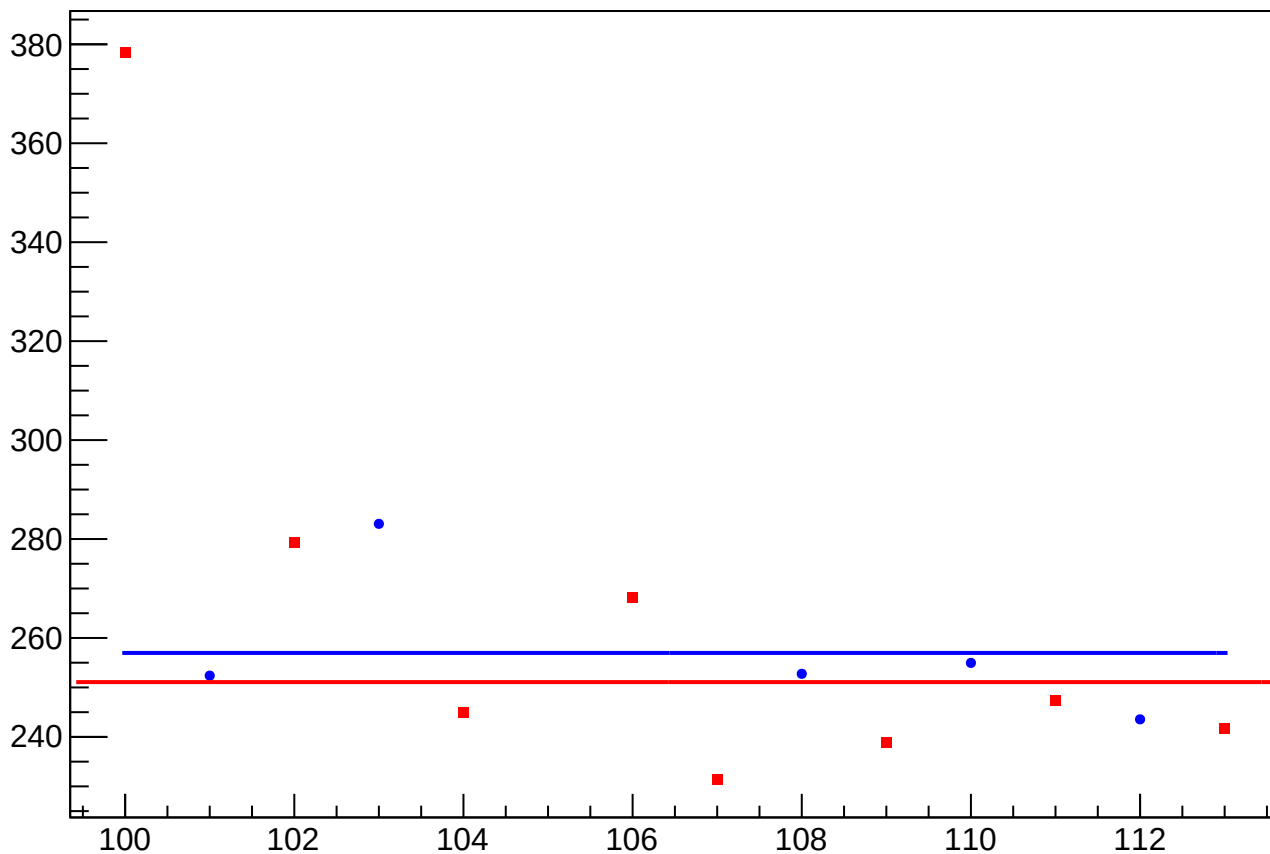
Right: 285.956+/-106.693 χ^2/NDF : 13.1/12

In: 279.841+/-162.621 χ^2/NDF :3.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 285.956+/-106.693 χ^2/NDF : 13.1/12

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: 251.080+/-0.100 χ^2/NDF : 40082.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

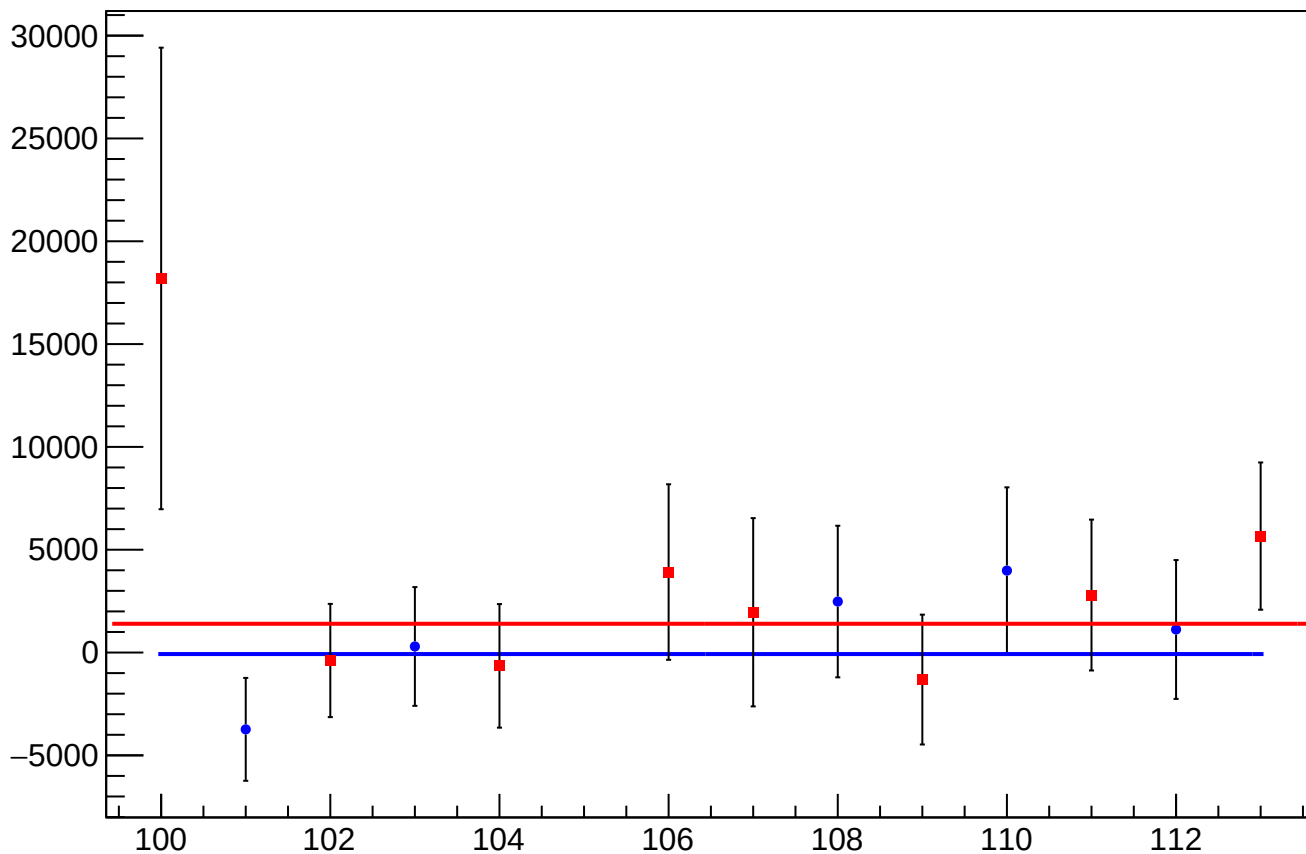
Right: 253.618+/-0.075 χ^2/NDF : 55561.2/12

In: 256.975+/-0.115 χ^2/NDF : 13981.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 253.618+/-0.075 χ^2/NDF : 55561.2/12

asym_sam_26_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -74.212 $\pm$ 1411.230 χ^2 /NDF: 3.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1398.891 $\pm$ 1284.704 χ^2 /NDF: 5.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

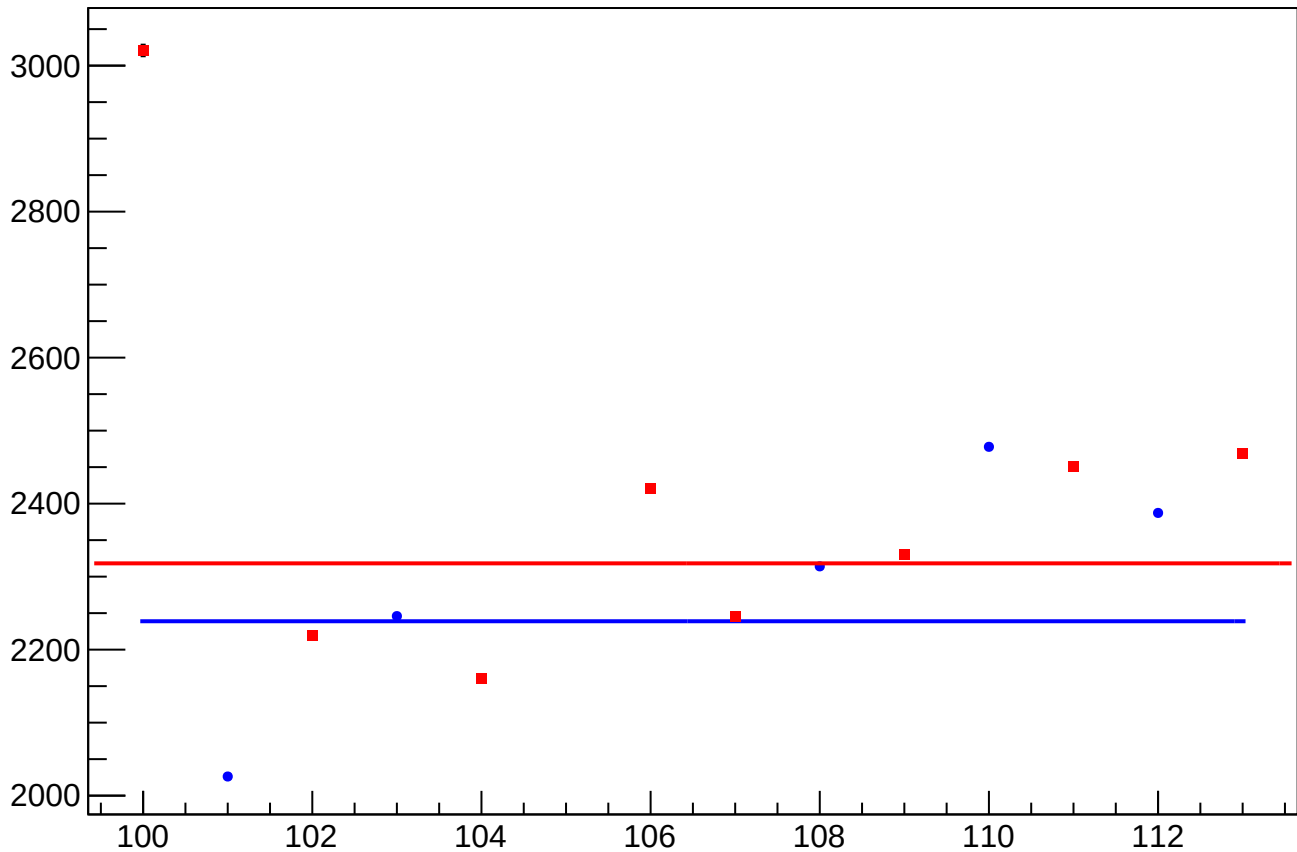
Right: 731.323 $\pm$ 950.011 χ^2 /NDF: 10.2/12

In: -74.212 $\pm$ 1411.230 χ^2 /NDF:3.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 731.323 $\pm$ 950.011 χ^2 /NDF: 10.2/12

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: 2318.192+/-0.908 χ^2/NDF : 23834.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

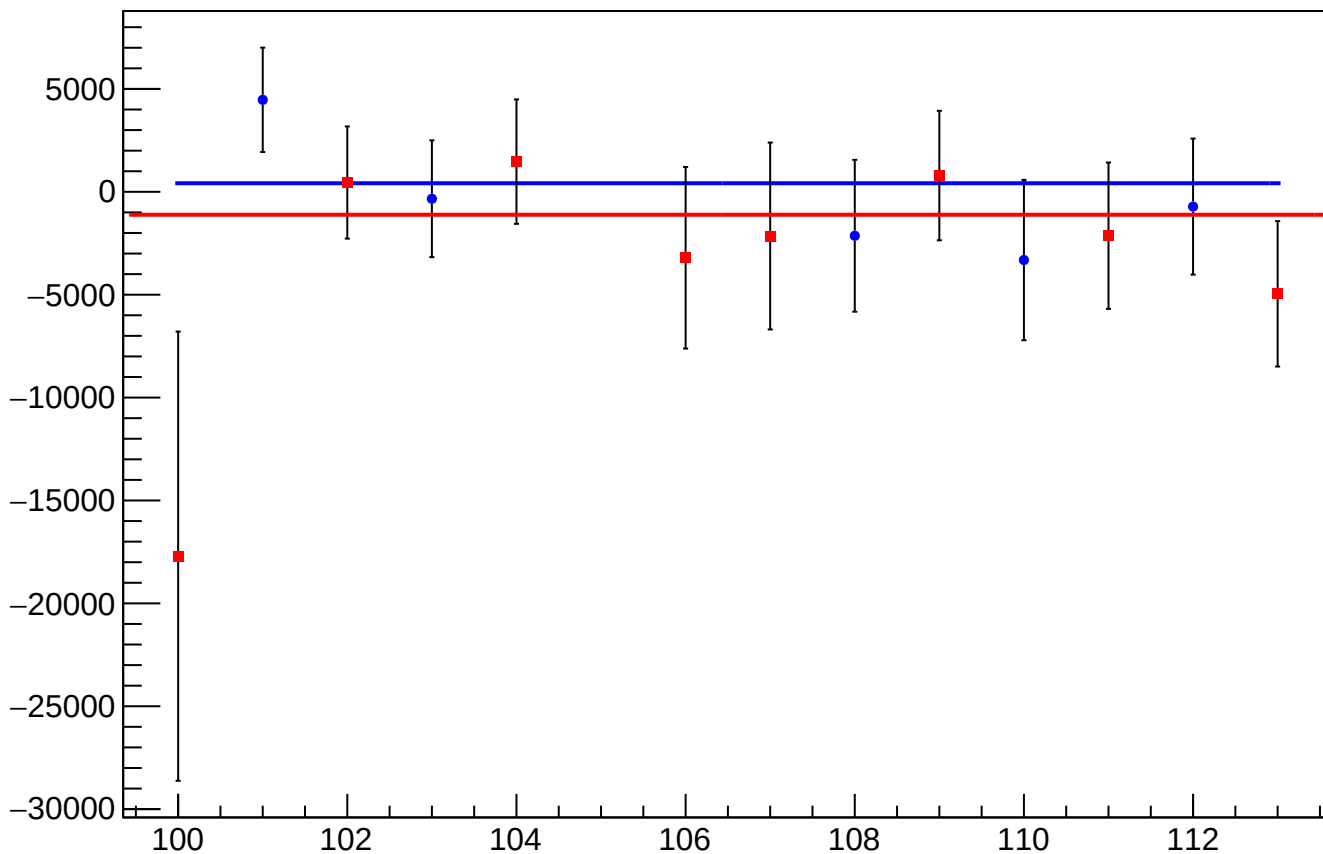
Right: 2282.256+/-0.672 χ^2/NDF : 53419.7/12

In: 2238.892+/-0.998 χ^2/NDF : 26132.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2282.256+/-0.672 χ^2/NDF : 53419.7/12

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: -1113.338+/-1277.880 χ^2/NDF : 5.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

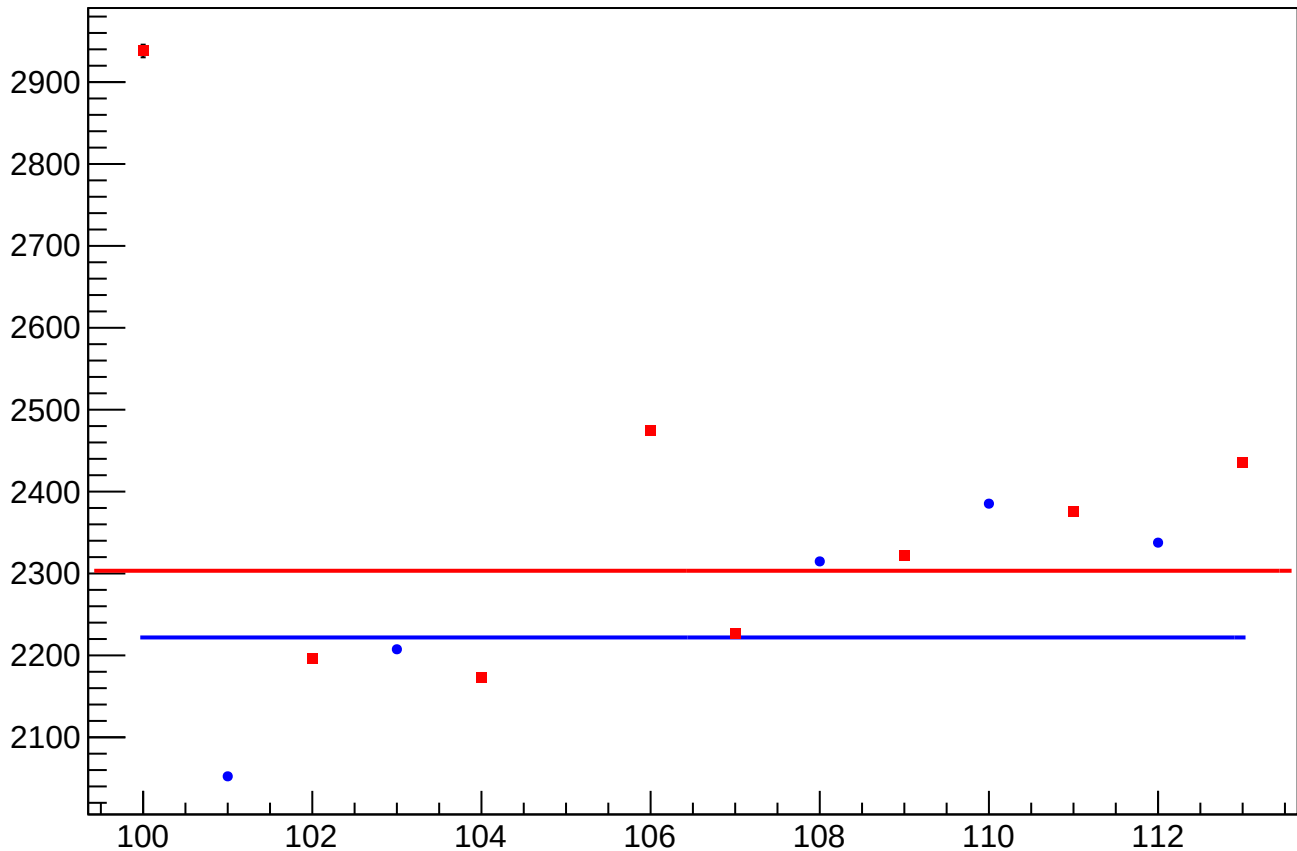
Right: -417.983+/-943.693 χ^2/NDF : 10.1/12

In: 416.119+/-1399.575 χ^2/NDF : 4.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -417.983+/-943.693 χ^2/NDF : 10.1/12

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: 2303.333+/-0.904 χ^2/NDF : 20811.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

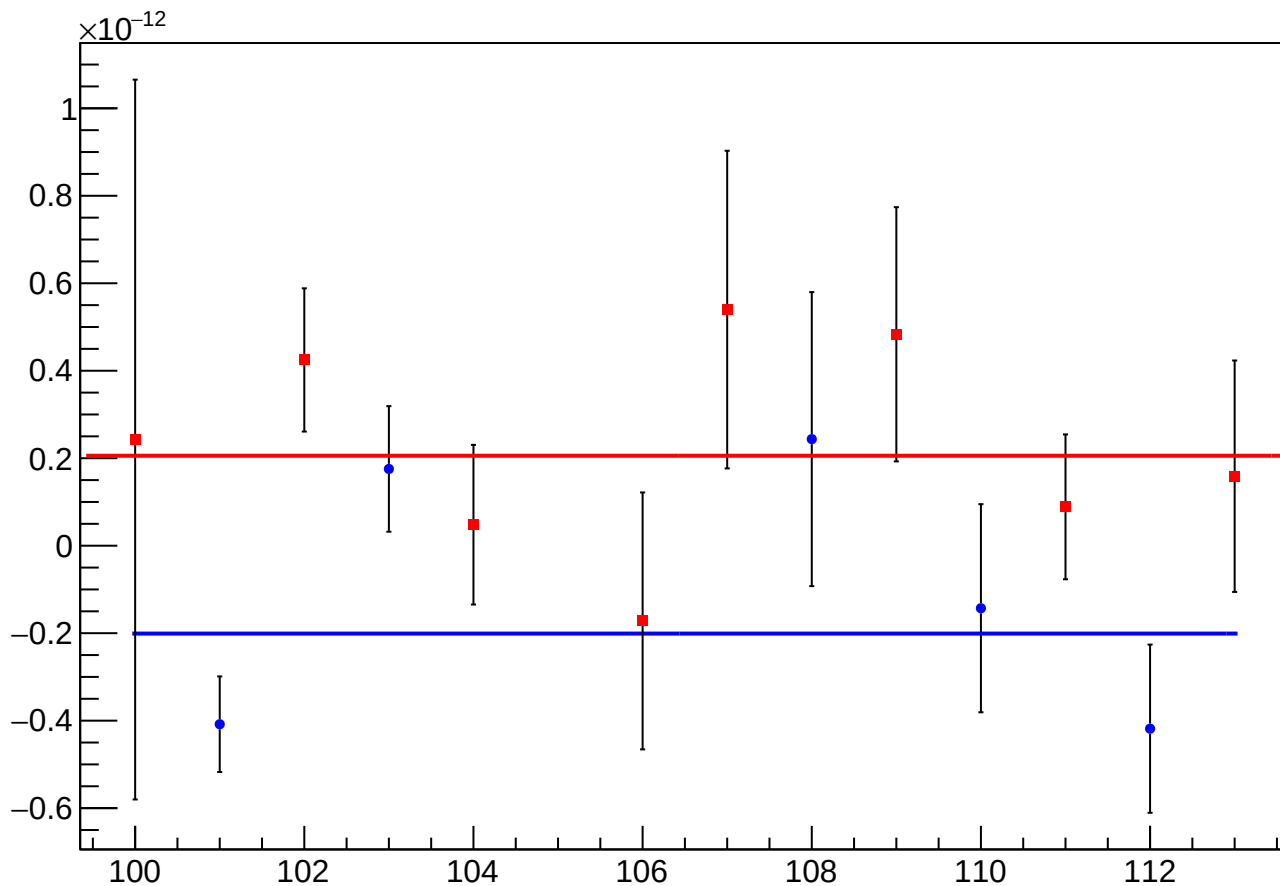
Right: 2266.313+/-0.667 χ^2/NDF : 40736.1/12

In: 2221.905+/-0.990 χ^2/NDF : 16232.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2266.313+/-0.667 χ^2/NDF : 40736.1/12

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 : 6.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

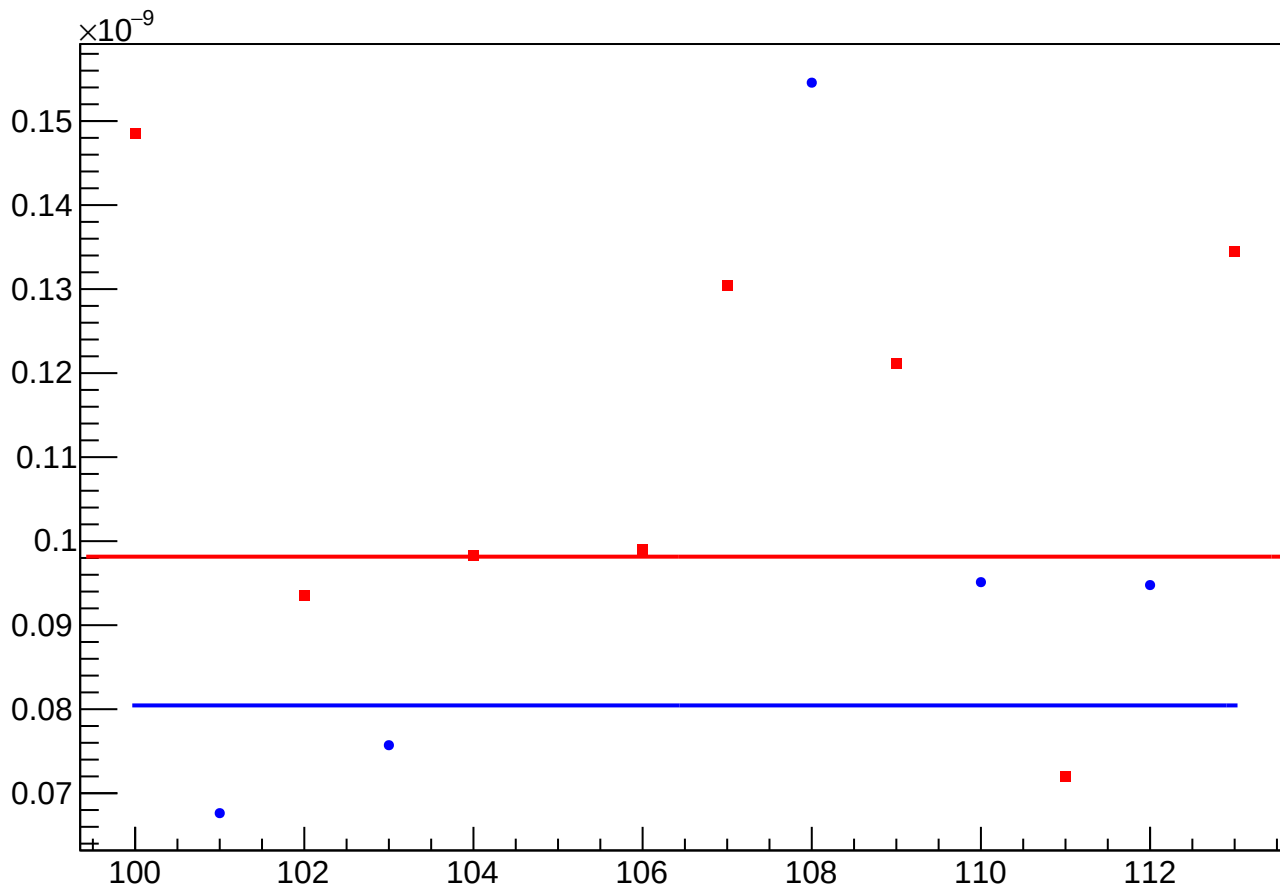
Right: -0.000+/-0.000 χ^2/NDF : 33.8/12

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 : 33.8/12

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 : 124782.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

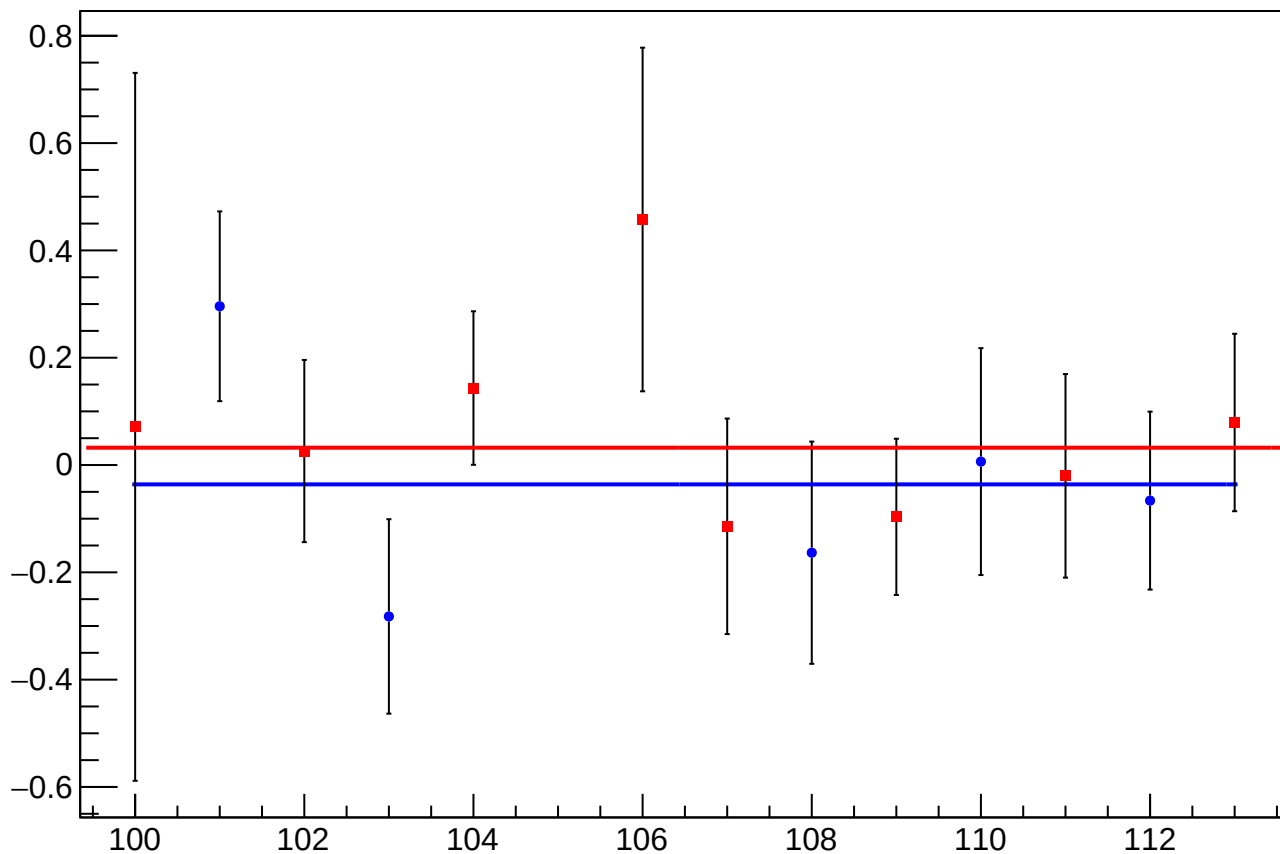
Right: 0.000+/-0.000 χ^2/NDF : 322588.5/12

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 : 322588.5/12

asym_sam_26_avg_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: 0.032 $\pm$ 0.066 χ^2 /NDF: 3.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

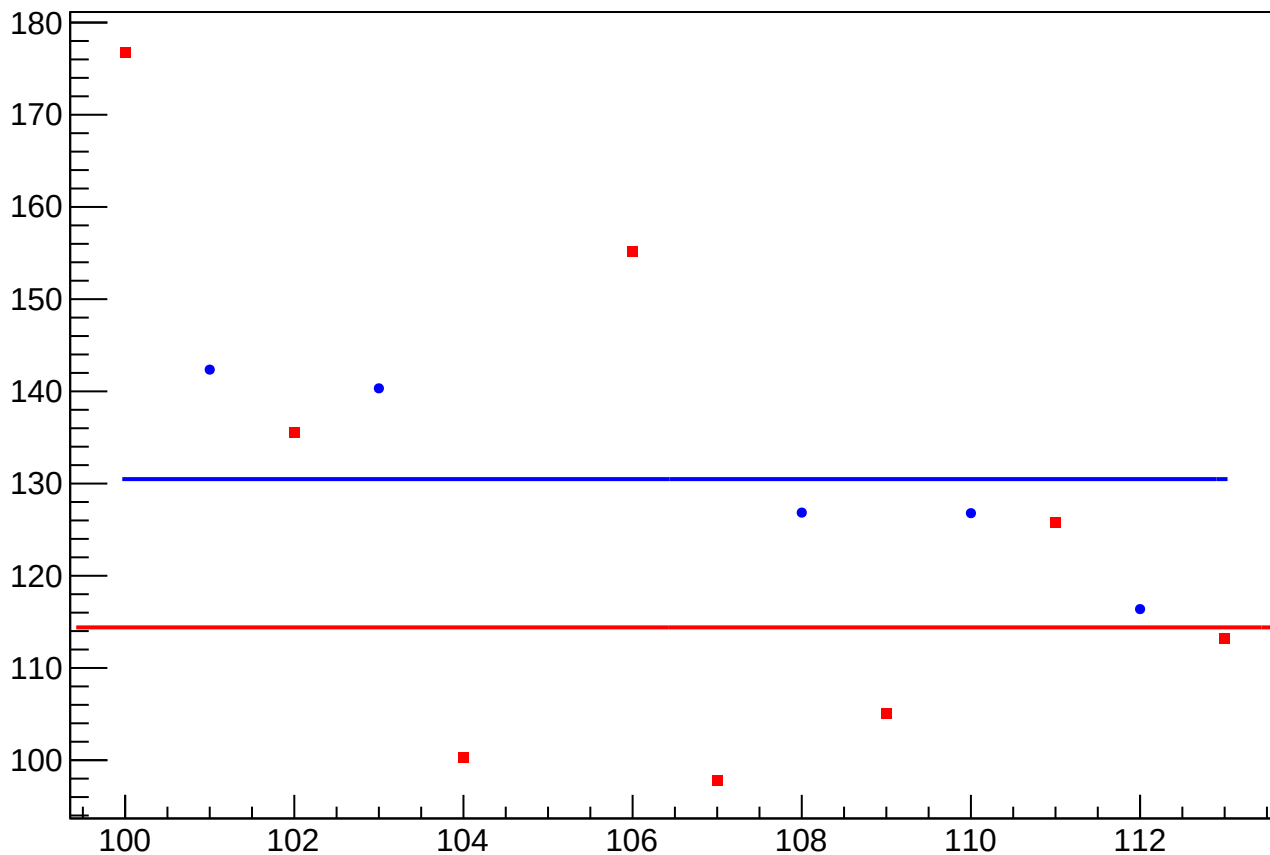
Right: 0.006 $\pm$ 0.052 χ^2 /NDF: 10.1/12

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: 0.006 $\pm$ 0.052 χ^2 /NDF: 10.1/12

asym_sam_26_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.482 $\pm$ 0.059 χ^2 /NDF: 30599.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 114.402 $\pm$ 0.046 χ^2 /NDF: 130039.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

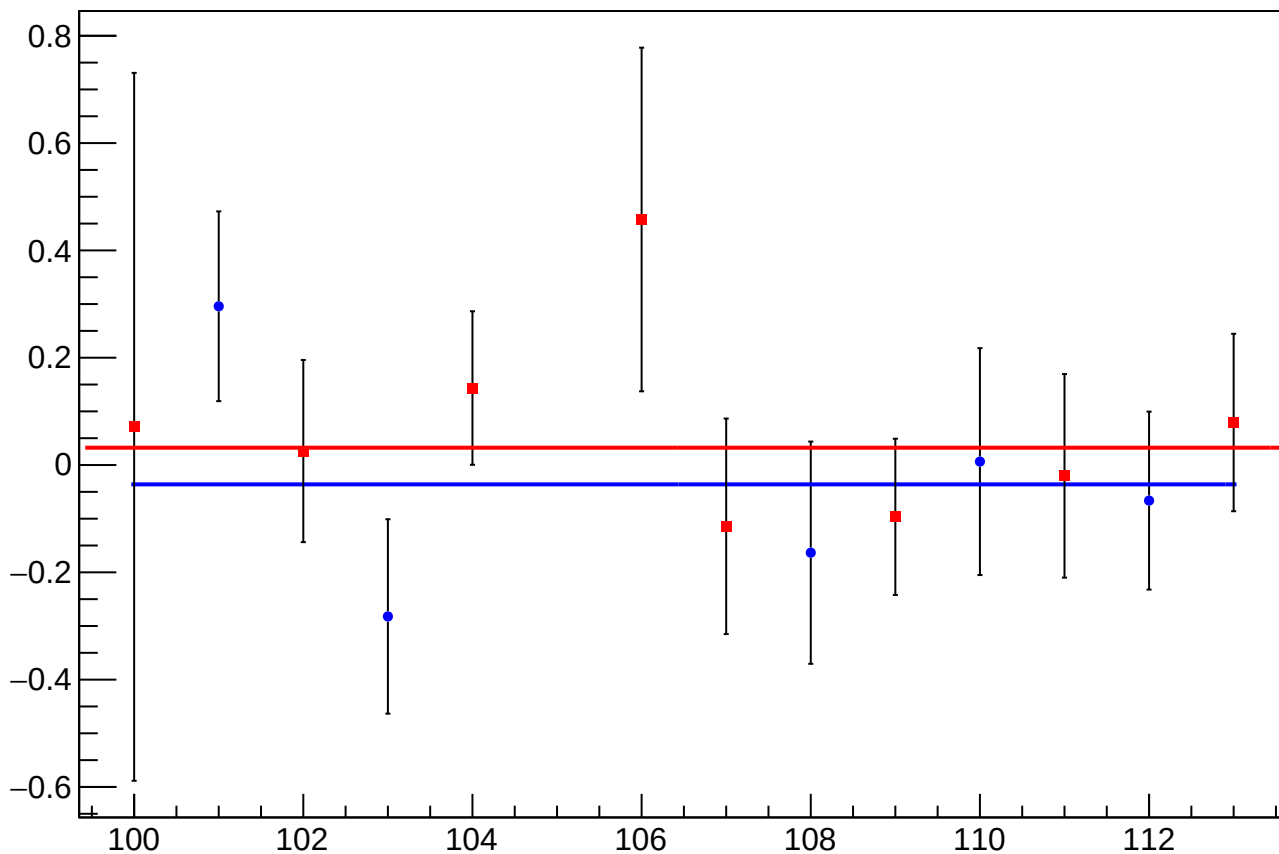
Right: 120.574 $\pm$ 0.036 χ^2 /NDF: 206676.0/12

In: 130.482 $\pm$ 0.059 χ^2 /NDF:30599.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 120.574 $\pm$ 0.036 χ^2 /NDF: 206676.0/12

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: 0.032 $\pm$ 0.066 χ^2 /NDF: 3.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

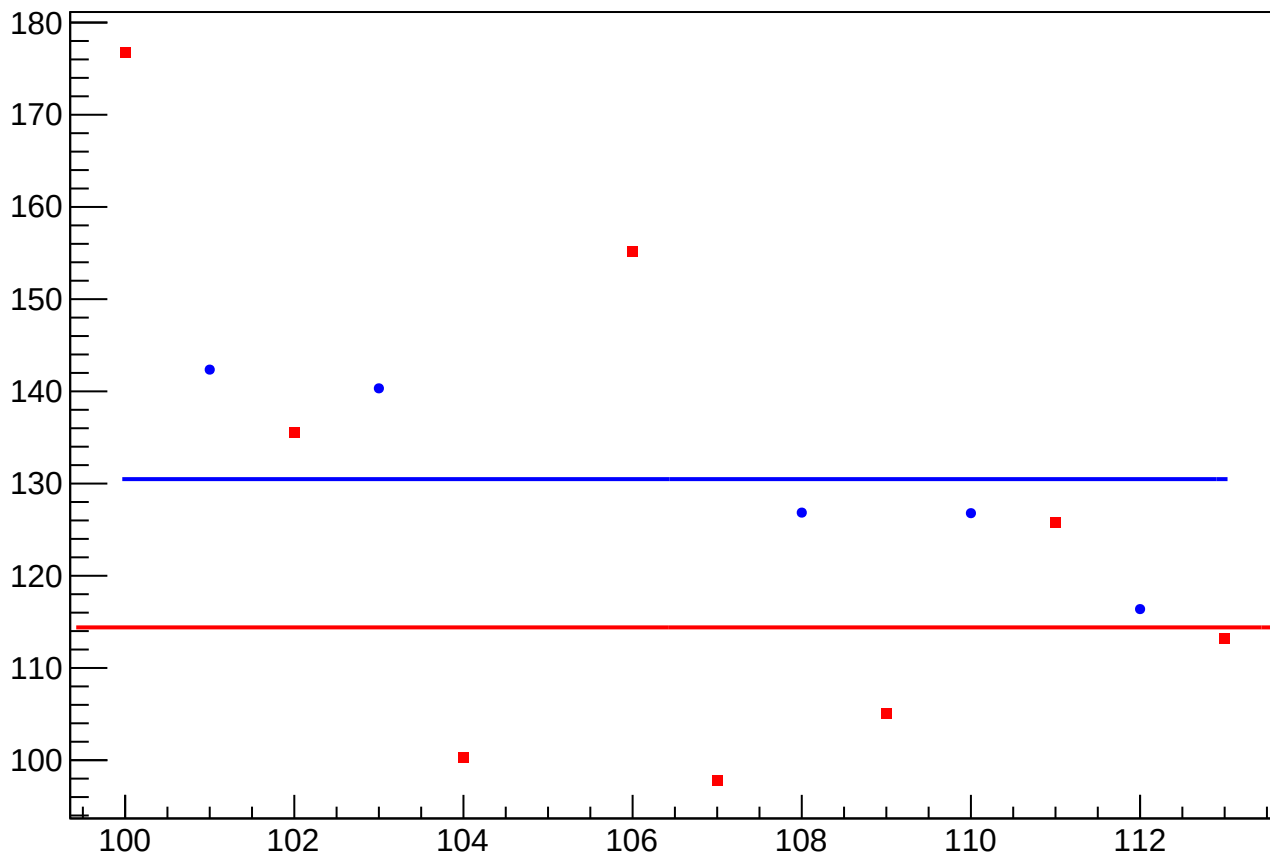
Right: 0.006 $\pm$ 0.052 χ^2 /NDF: 10.1/12

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: 0.006 $\pm$ 0.052 χ^2 /NDF: 10.1/12

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: 114.402+/-0.046 χ^2/NDF : 130039.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

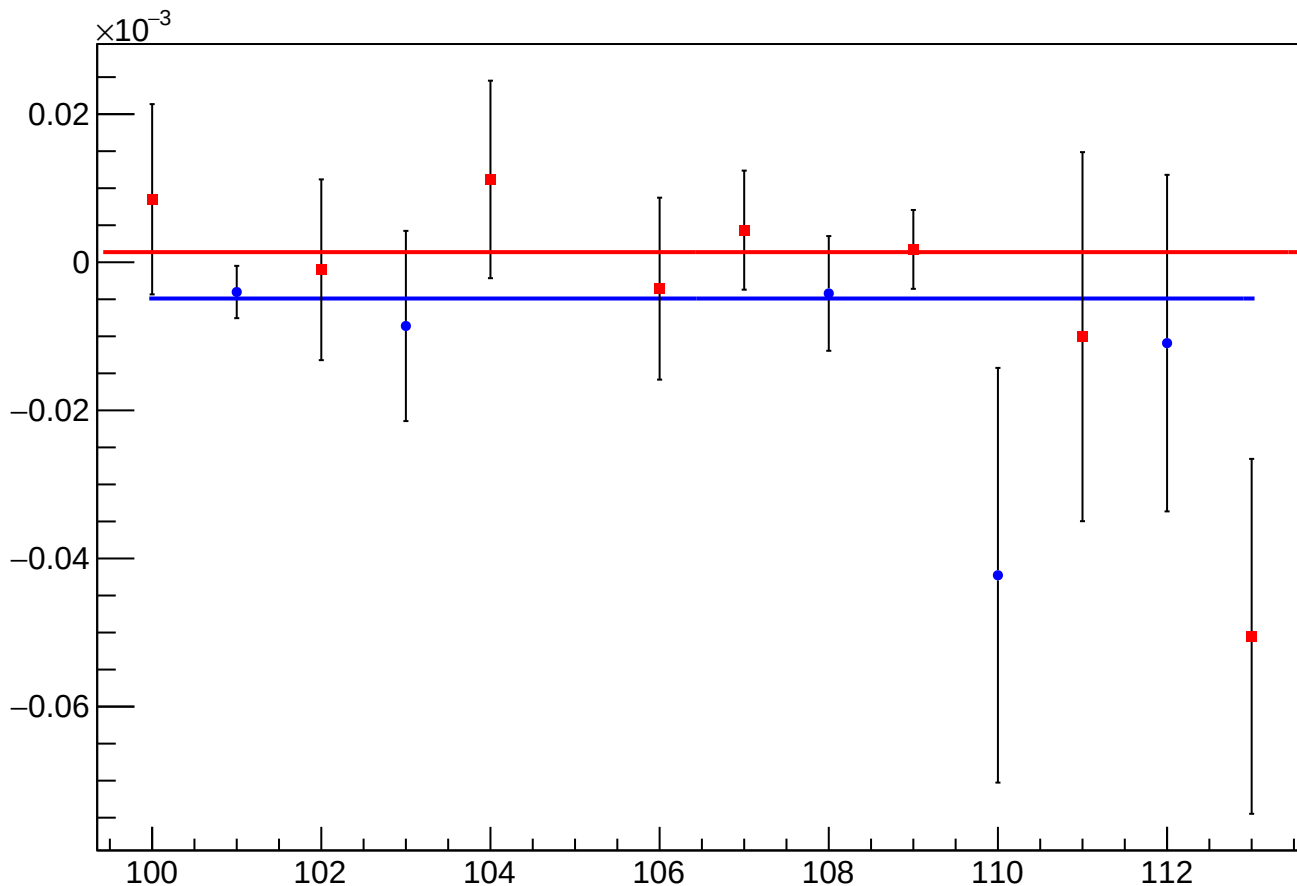
Right: 120.574+/-0.036 χ^2/NDF : 206676.0/12

In: 130.482+/-0.059 χ^2/NDF :30599.9/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 120.574+/-0.036 χ^2/NDF : 206676.0/12

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 : 6.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

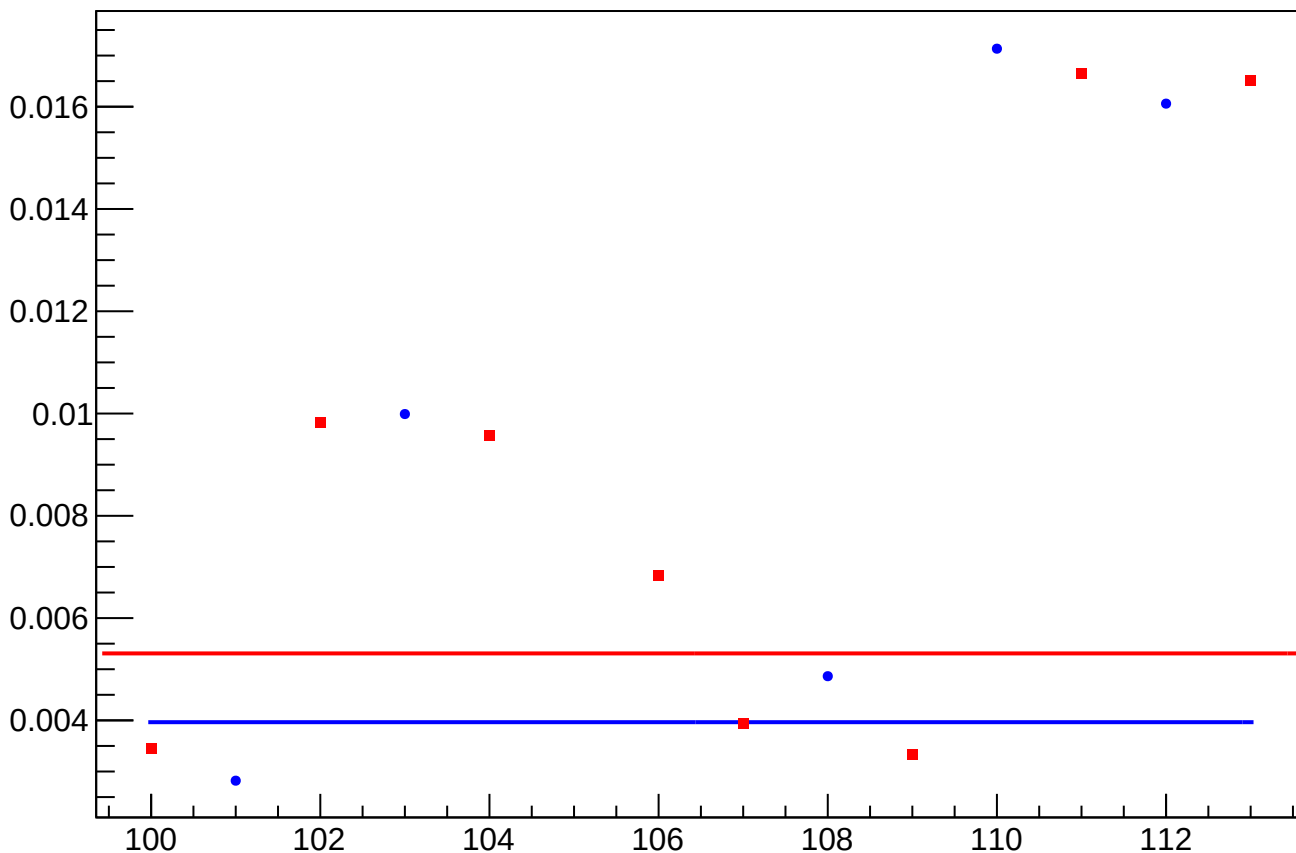
Right: -0.000+/-0.000 χ^2/NDF : 9.9/12

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 : 9.9/12

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 : 1735650.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

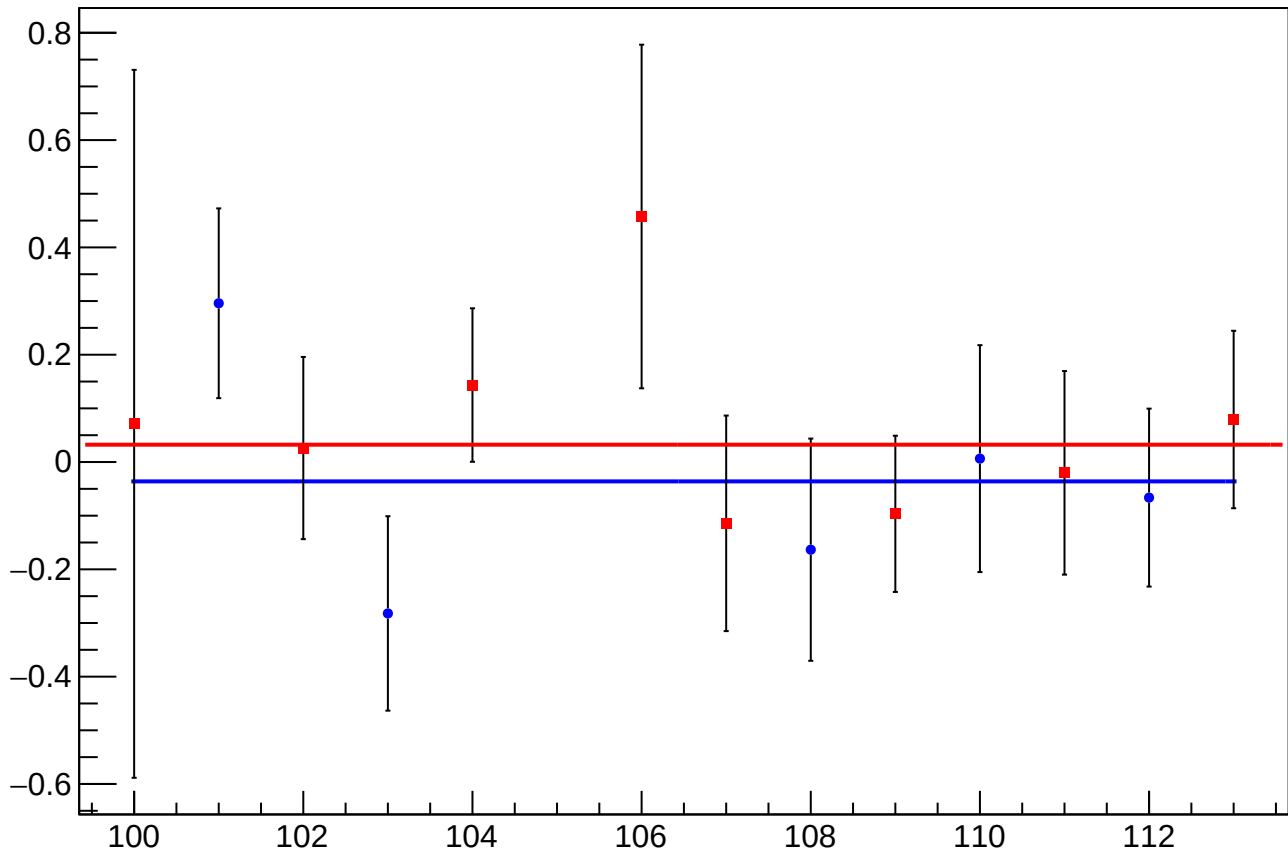
Right: 0.005+/-0.000 χ^2/NDF : 3585946.6/12

In: 0.004+/-0.000 χ^2/NDF :1686317.2/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 3585946.6/12

asym_sam_26_avg_eigen_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: 0.032+/-0.066 χ^2/NDF : 3.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

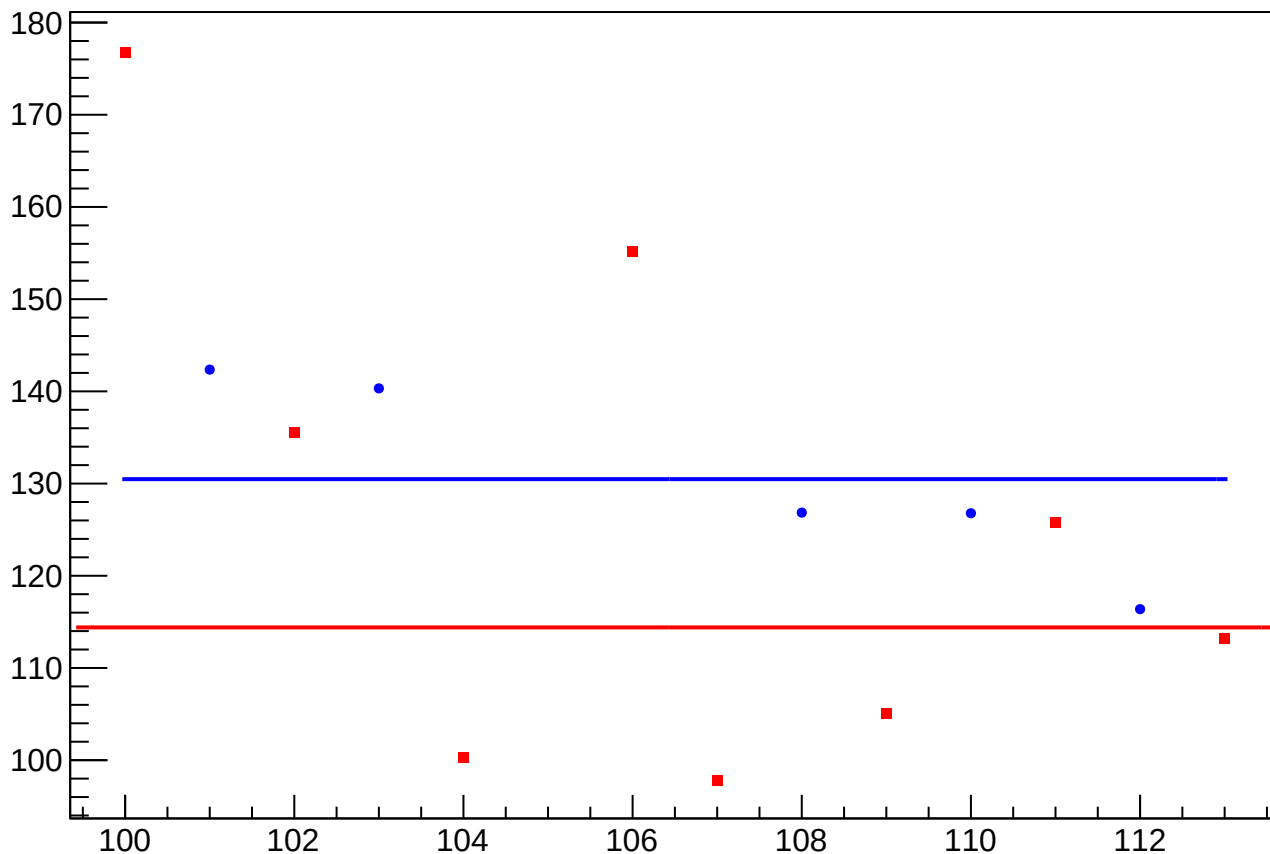
Right: 0.006+/-0.052 χ^2/NDF : 10.1/12

In: -0.036+/-0.083 χ^2/NDF : 5.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.052 χ^2/NDF : 10.1/12

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: 114.399+/-0.046 χ^2/NDF : 130029.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

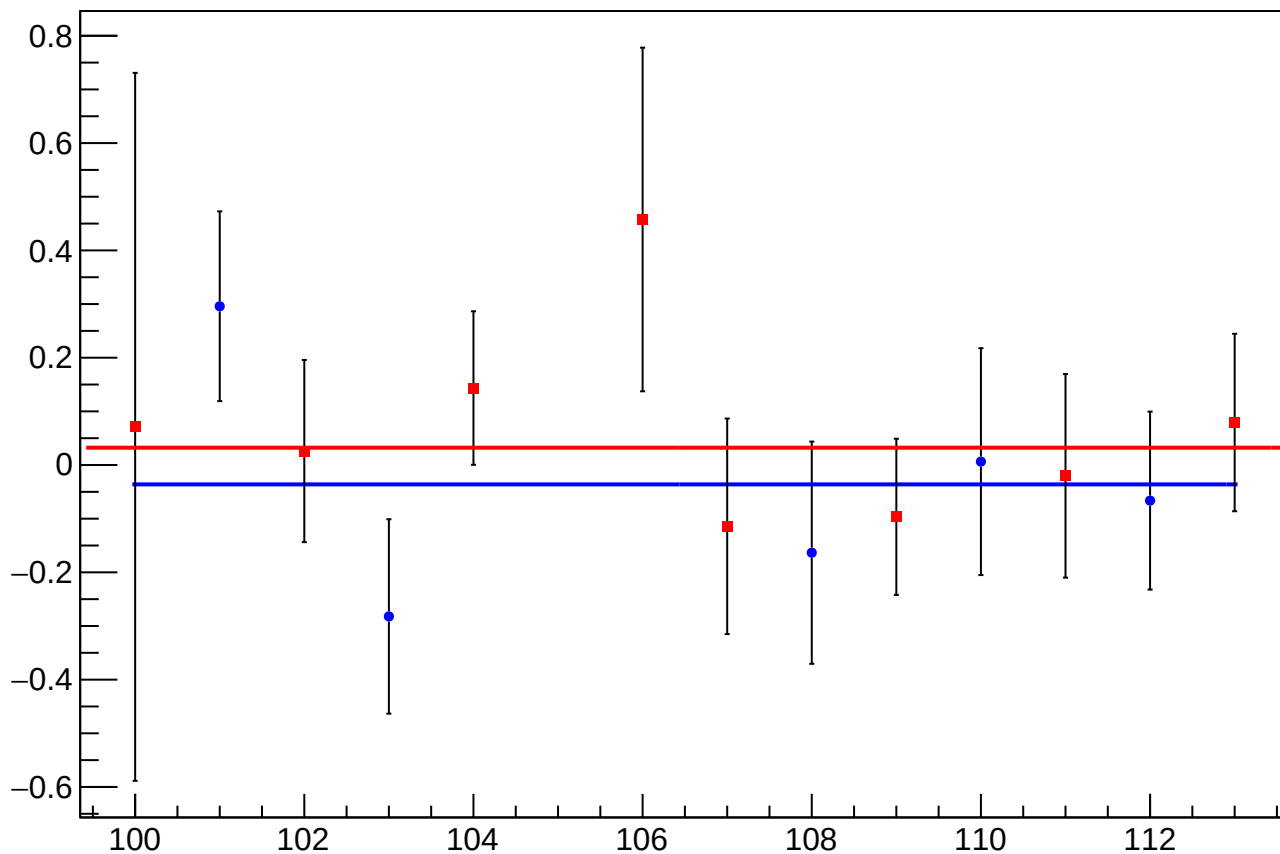
Right: 120.571+/-0.036 χ^2/NDF : 206673.7/12

In: 130.478+/-0.059 χ^2/NDF : 30611.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.571+/-0.036 χ^2/NDF : 206673.7/12

asym_sam_26_avg_eigen_dit_vs_eigen_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: 0.032+/-0.066 χ^2/NDF : 3.8/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

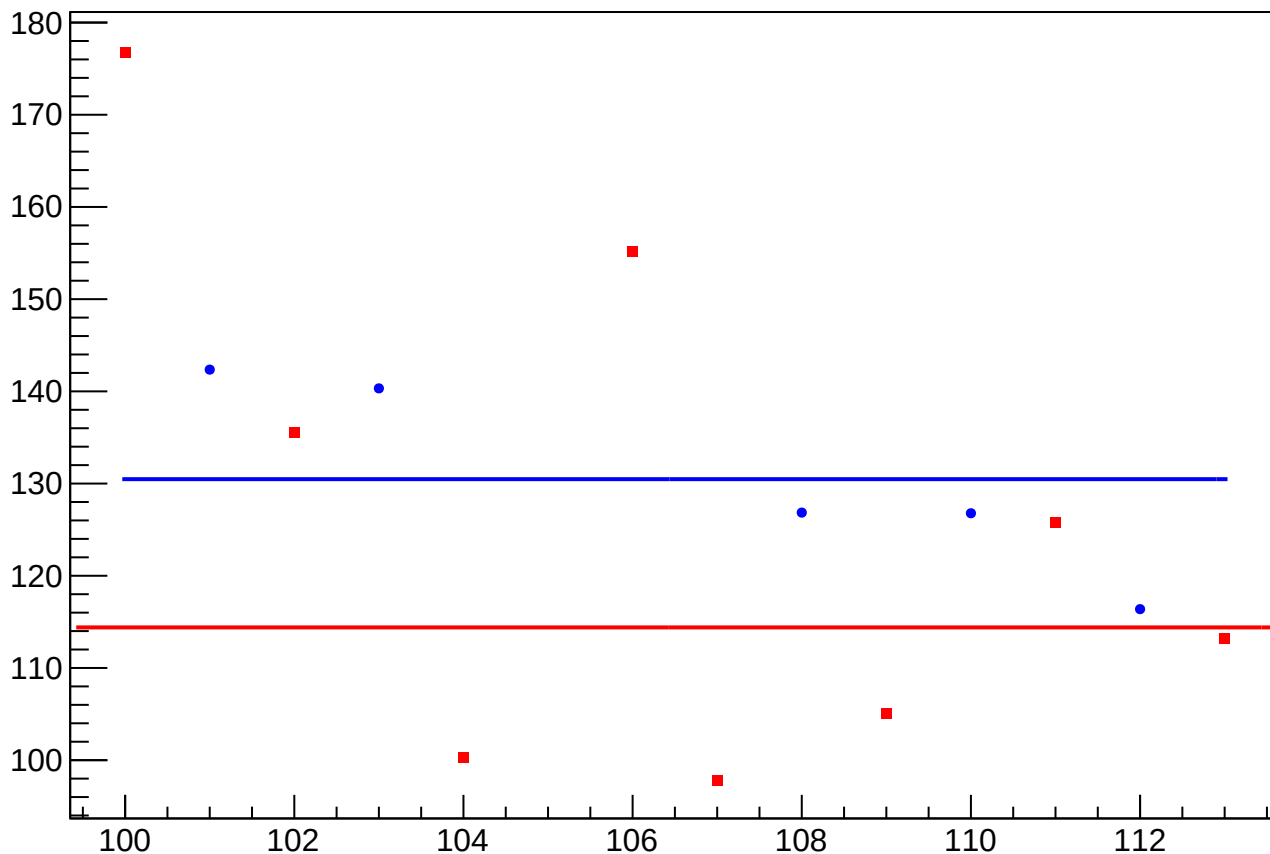
Right: 0.006+/-0.052 χ^2/NDF : 10.1/12

In: -0.036+/-0.083 χ^2/NDF :5.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.052 χ^2/NDF : 10.1/12

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: 114.399+/-0.046 χ^2/NDF : 130029.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

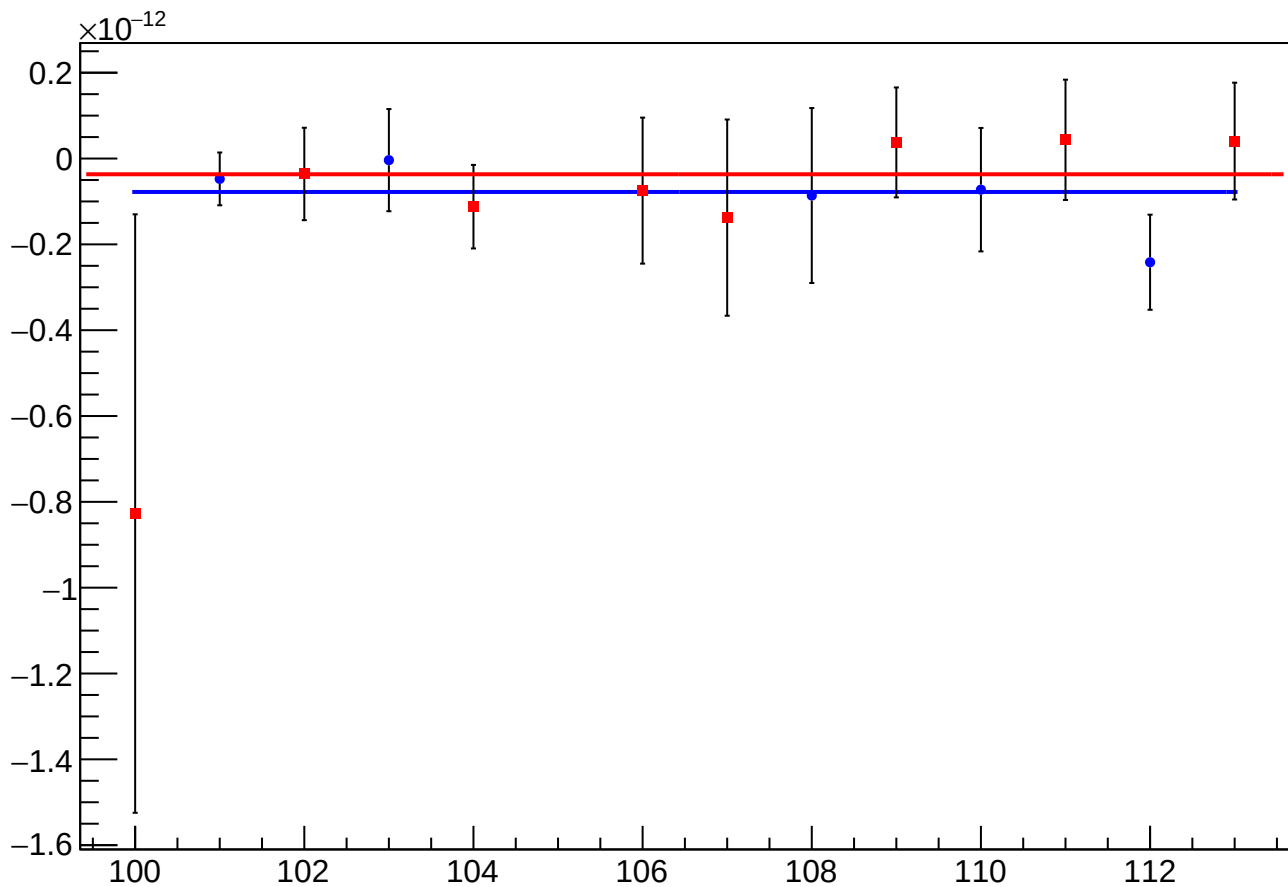
Right: 120.571+/-0.036 χ^2/NDF : 206673.7/12

In: 130.478+/-0.059 χ^2/NDF : 30611.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.571+/-0.036 χ^2/NDF : 206673.7/12

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: 3.1/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

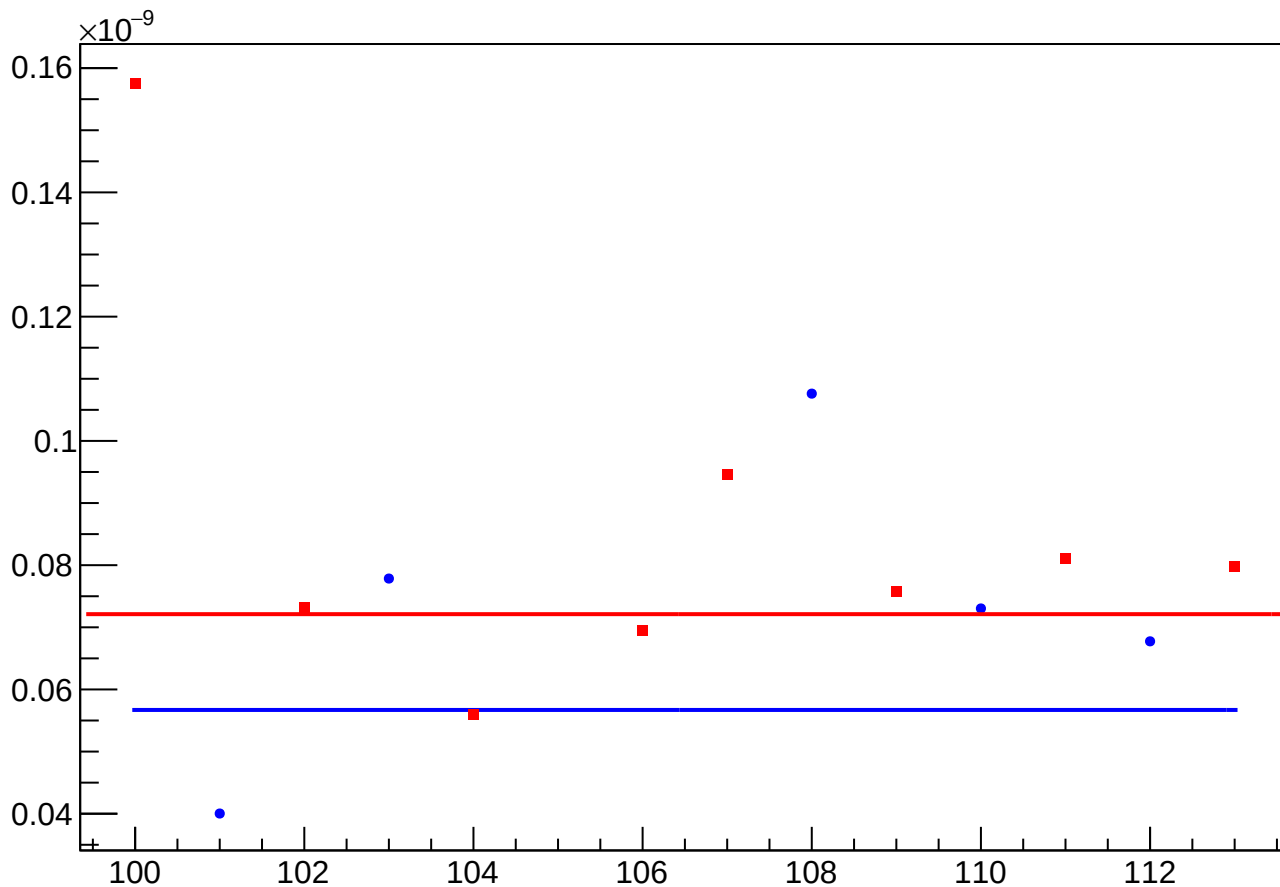
Right: -0.000+/-0.000 χ^2 /NDF: 6.3/12

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: 6.3/12

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 : 121261.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

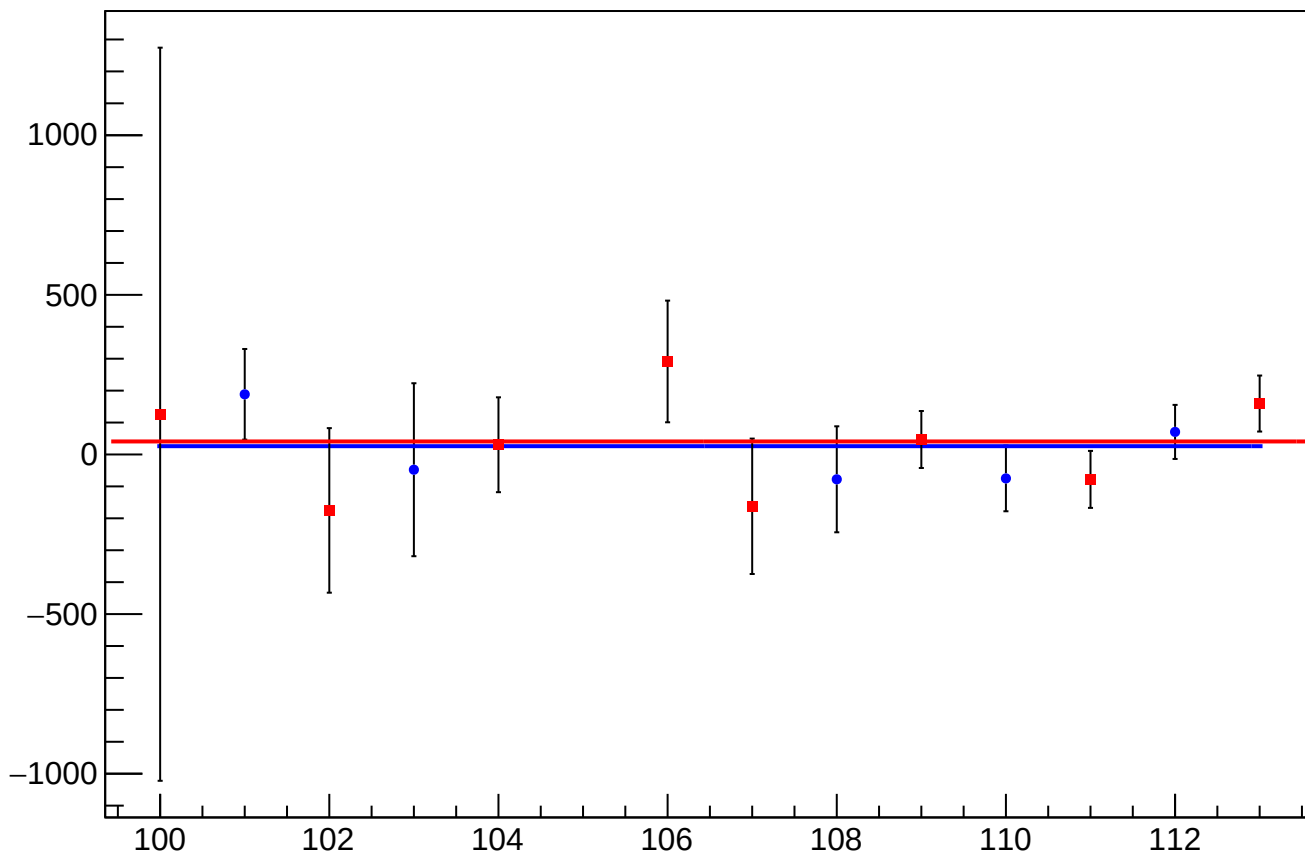
Right: 0.000+/-0.000 χ^2/NDF : 608193.4/12

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 : 608193.4/12

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: 40.793+/-45.087 χ^2/NDF : 7.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

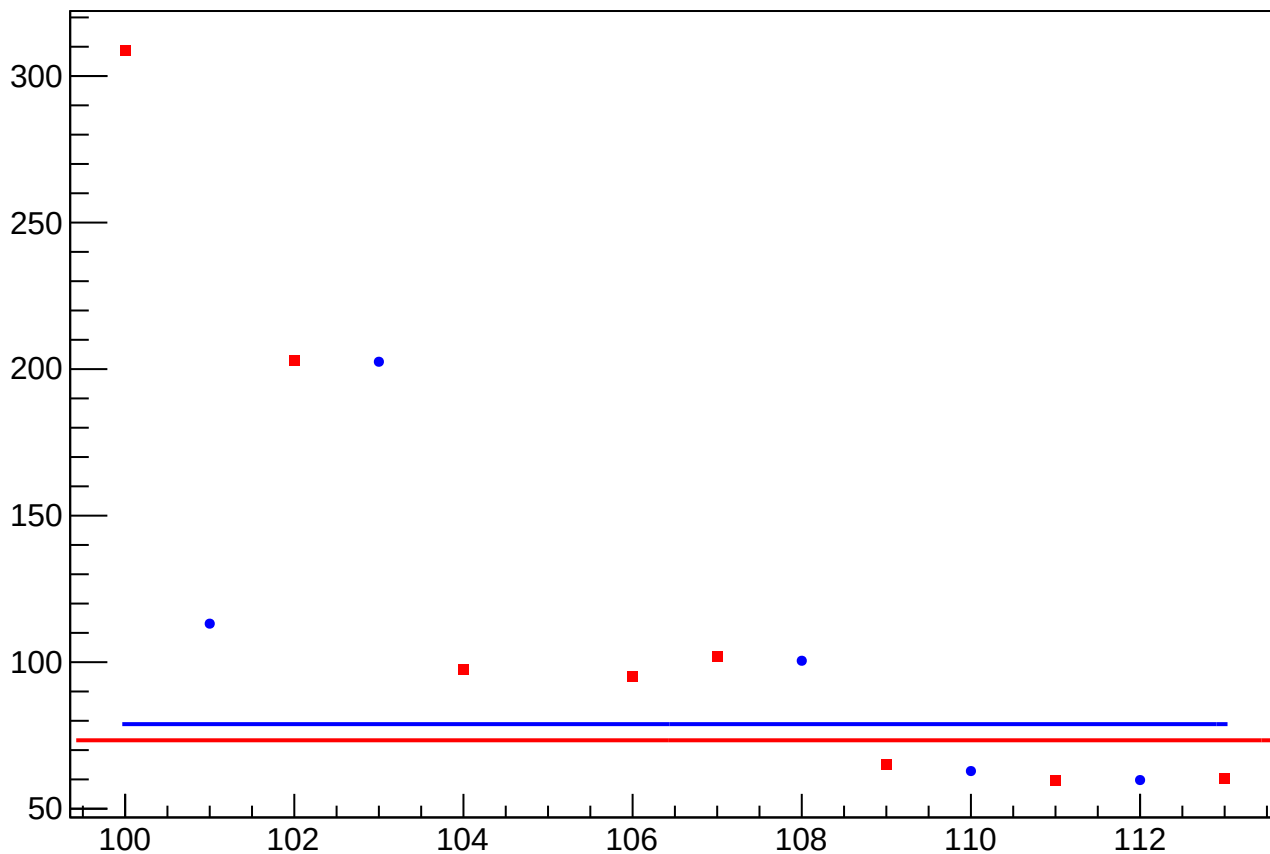
Right: 34.806+/-34.809 χ^2/NDF : 10.0/12

In: 25.972+/-54.769 χ^2/NDF : 3.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.806+/-34.809 χ^2/NDF : 10.0/12

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 78.860 $\pm$ 0.039 χ^2 /NDF: 717135.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 73.348 $\pm$ 0.032 χ^2 /NDF: 811215.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

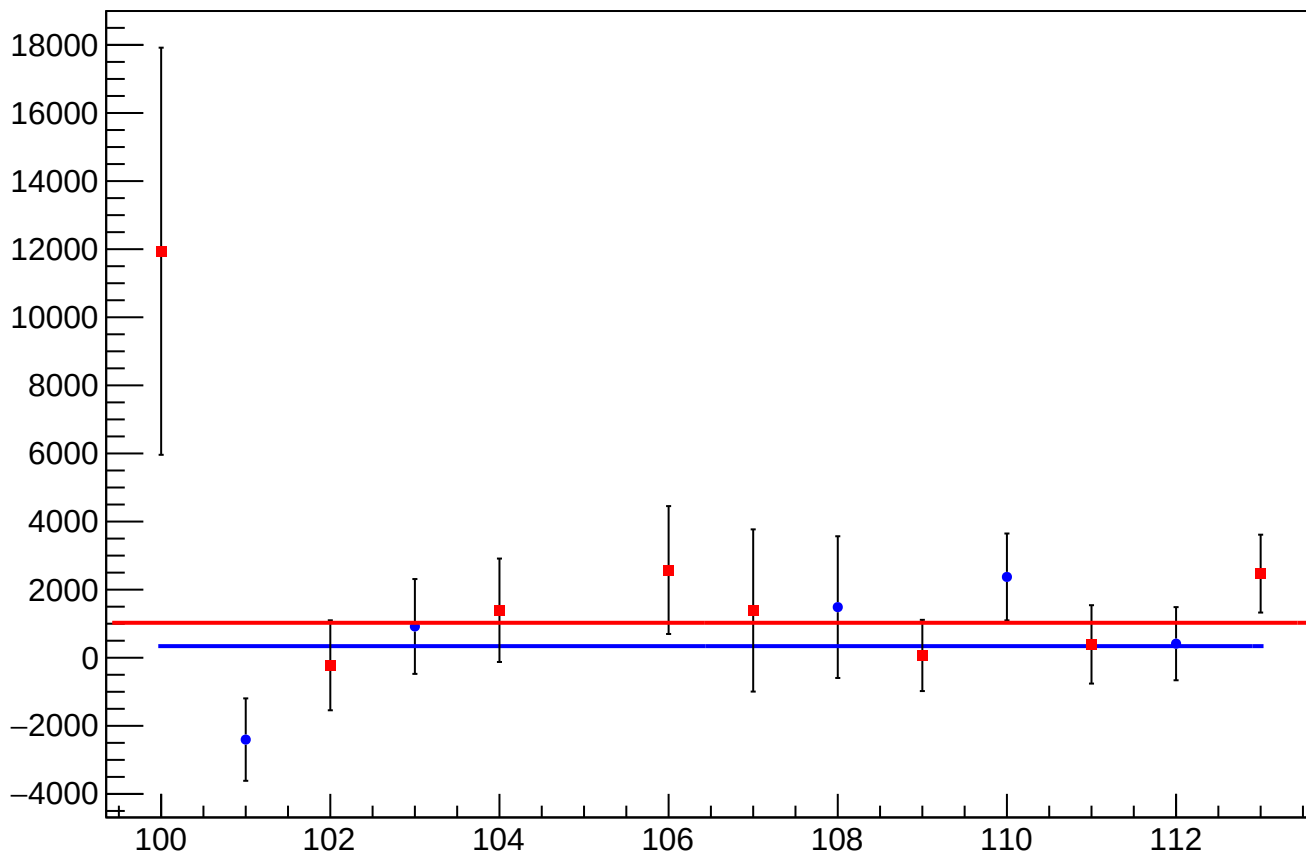
Right: 75.575 $\pm$ 0.025 χ^2 /NDF: 1540426.8/12

In: 78.860 $\pm$ 0.039 χ^2 /NDF: 717135.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 75.575 $\pm$ 0.025 χ^2 /NDF: 1540426.8/12

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: 1026.762+/-504.589 χ^2/NDF : 7.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

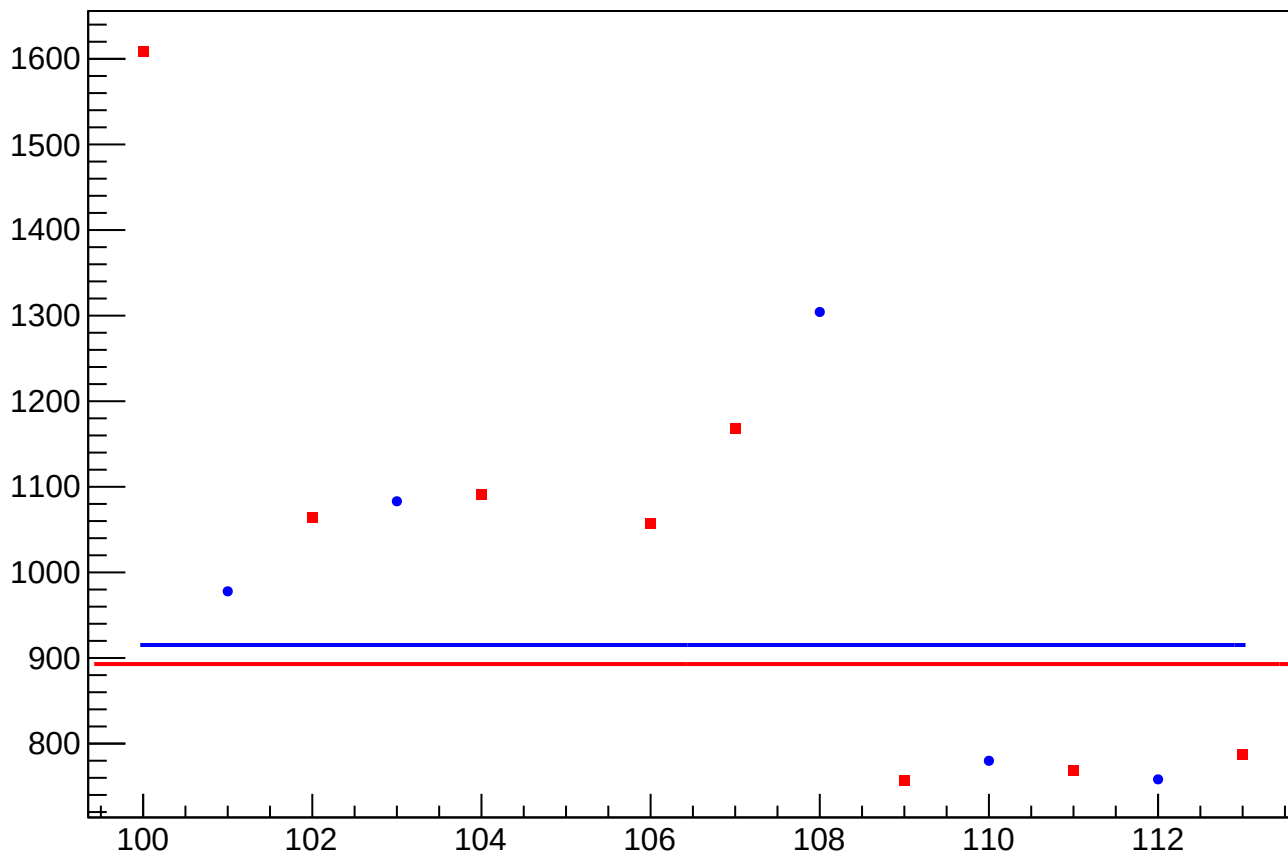
Right: 734.924+/-382.420 χ^2/NDF : 16.7/12

In: 341.069+/-586.185 χ^2/NDF : 8.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 734.924+/-382.420 χ^2/NDF : 16.7/12

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: 892.933+/-0.357 χ^2/NDF : 212465.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

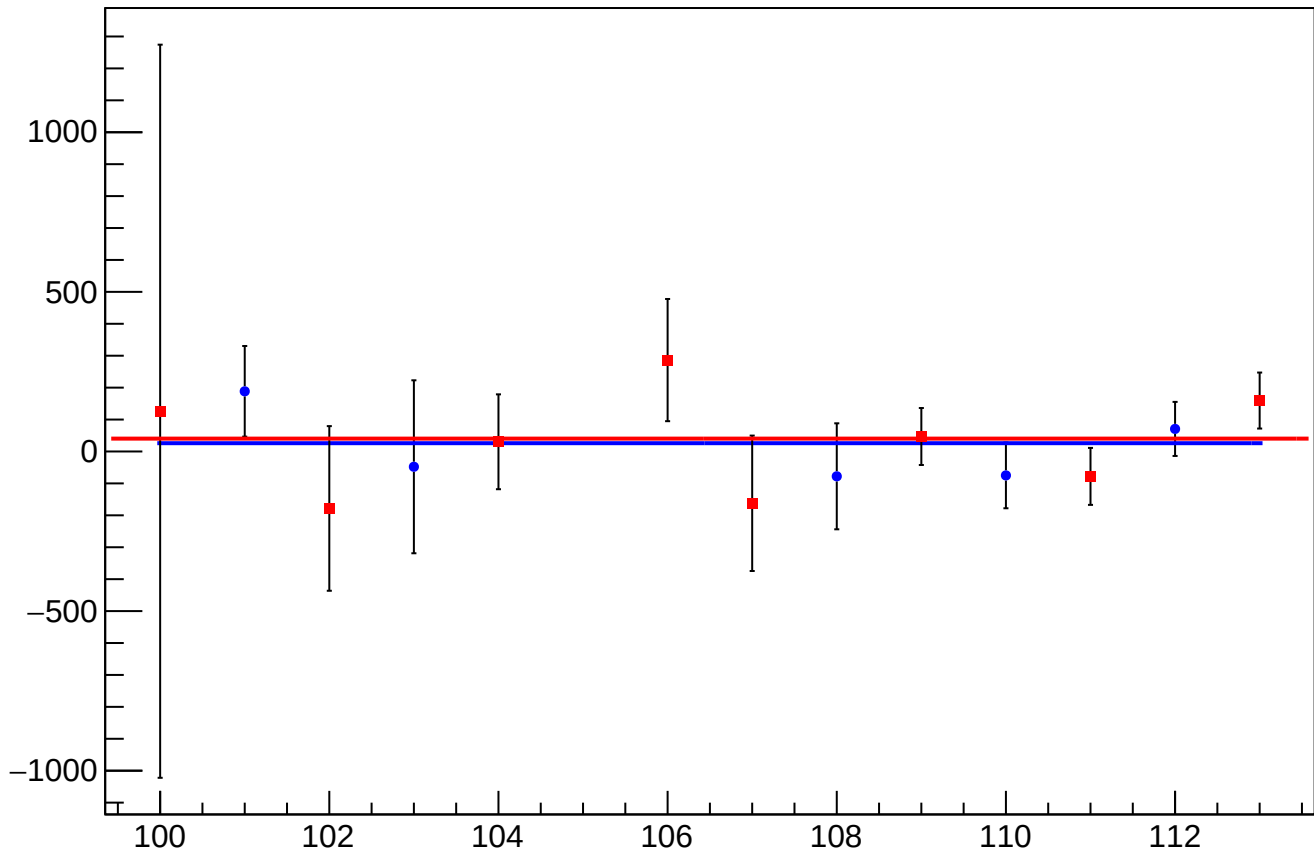
Right: 902.409+/-0.270 χ^2/NDF : 383647.2/12

In: 915.198+/-0.414 χ^2/NDF : 169524.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 902.409+/-0.270 χ^2/NDF : 383647.2/12

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: 40.291+/-45.098 χ^2/NDF : 6.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

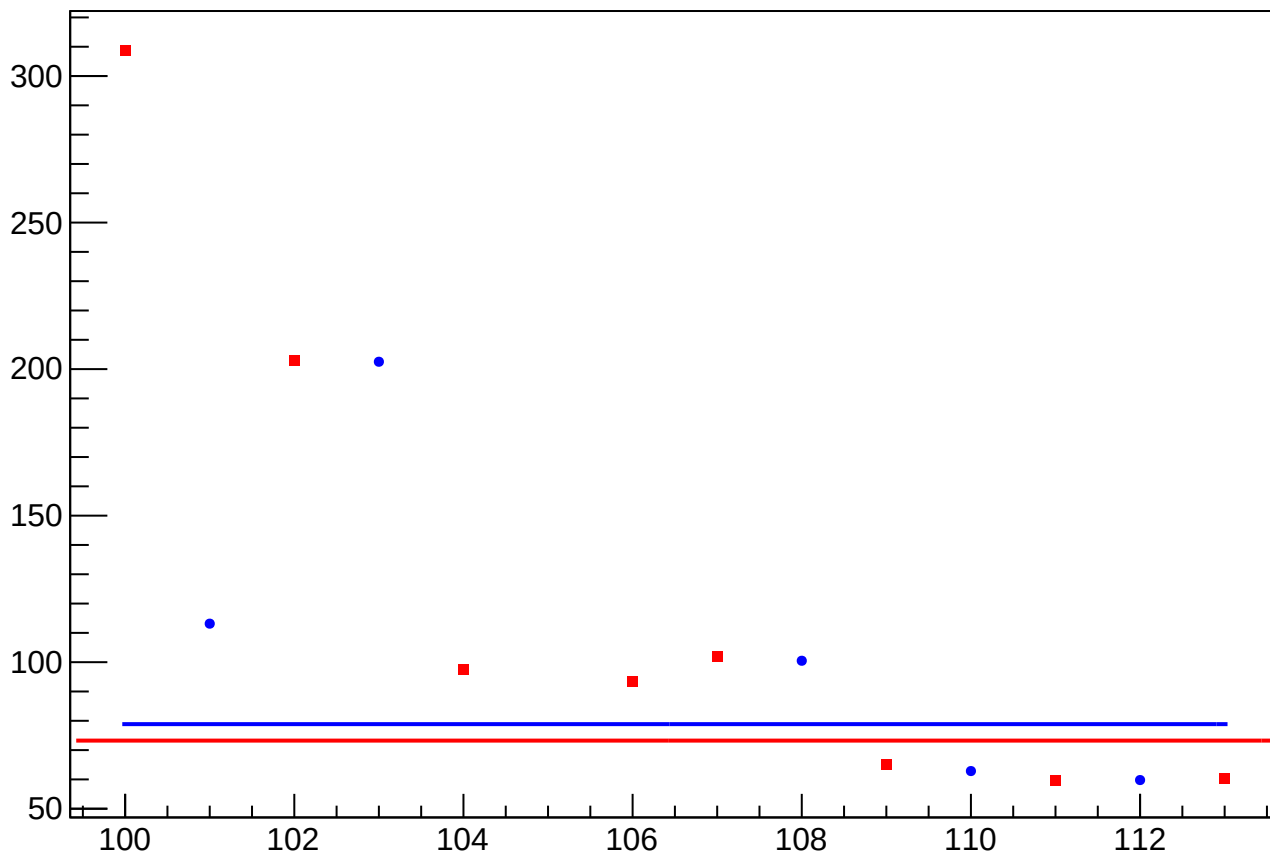
Right: 34.499+/-34.814 χ^2/NDF : 10.0/12

In: 25.958+/-54.769 χ^2/NDF : 3.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.499+/-34.814 χ^2/NDF : 10.0/12

cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 78.860 $\pm$ 0.039 χ^2 /NDF: 717137.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 73.243 $\pm$ 0.032 χ^2 /NDF: 807327.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

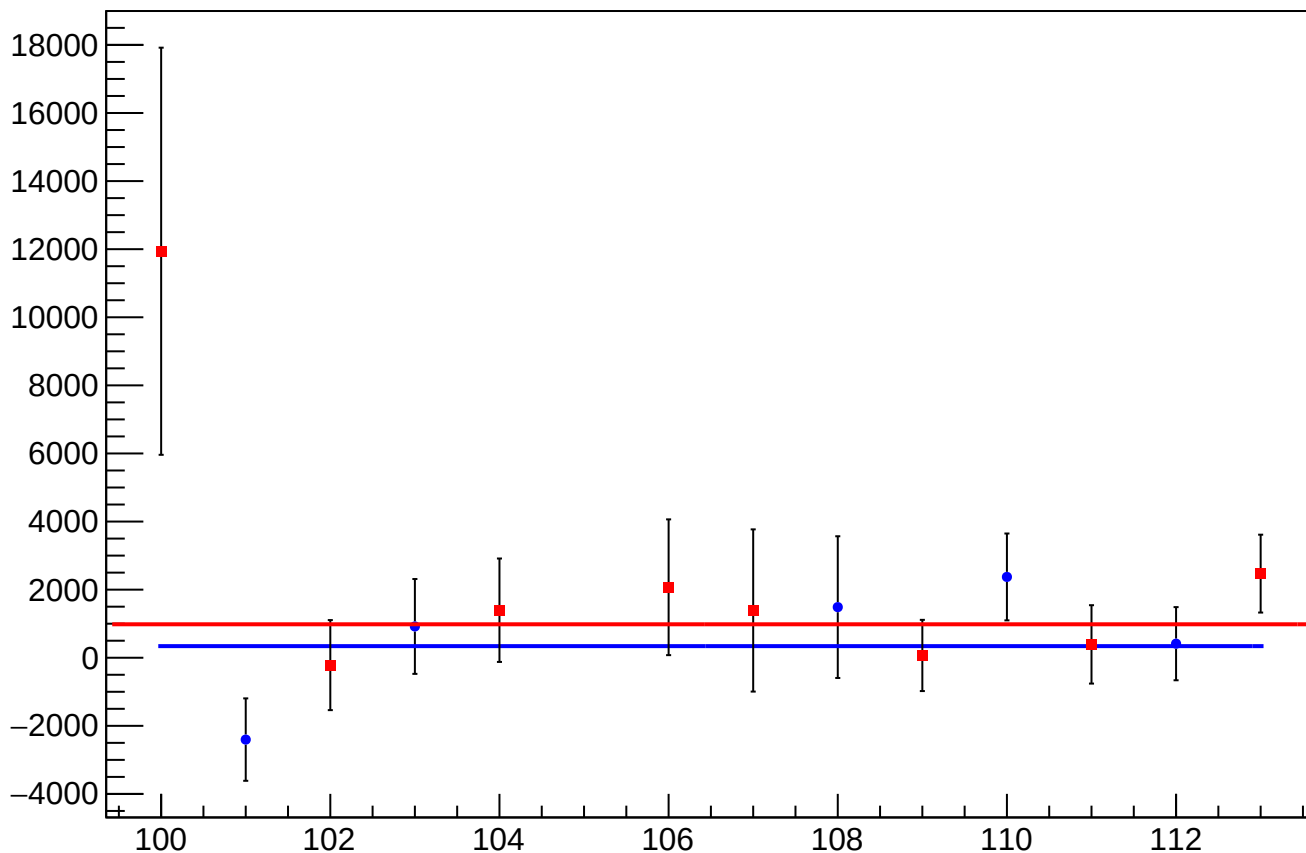
Right: 75.513 $\pm$ 0.025 χ^2 /NDF: 1537004.1/12

In: 78.860 $\pm$ 0.039 χ^2 /NDF:717137.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 75.513 $\pm$ 0.025 χ^2 /NDF: 1537004.1/12

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: 982.682+/-506.721 χ^2/NDF : 7.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

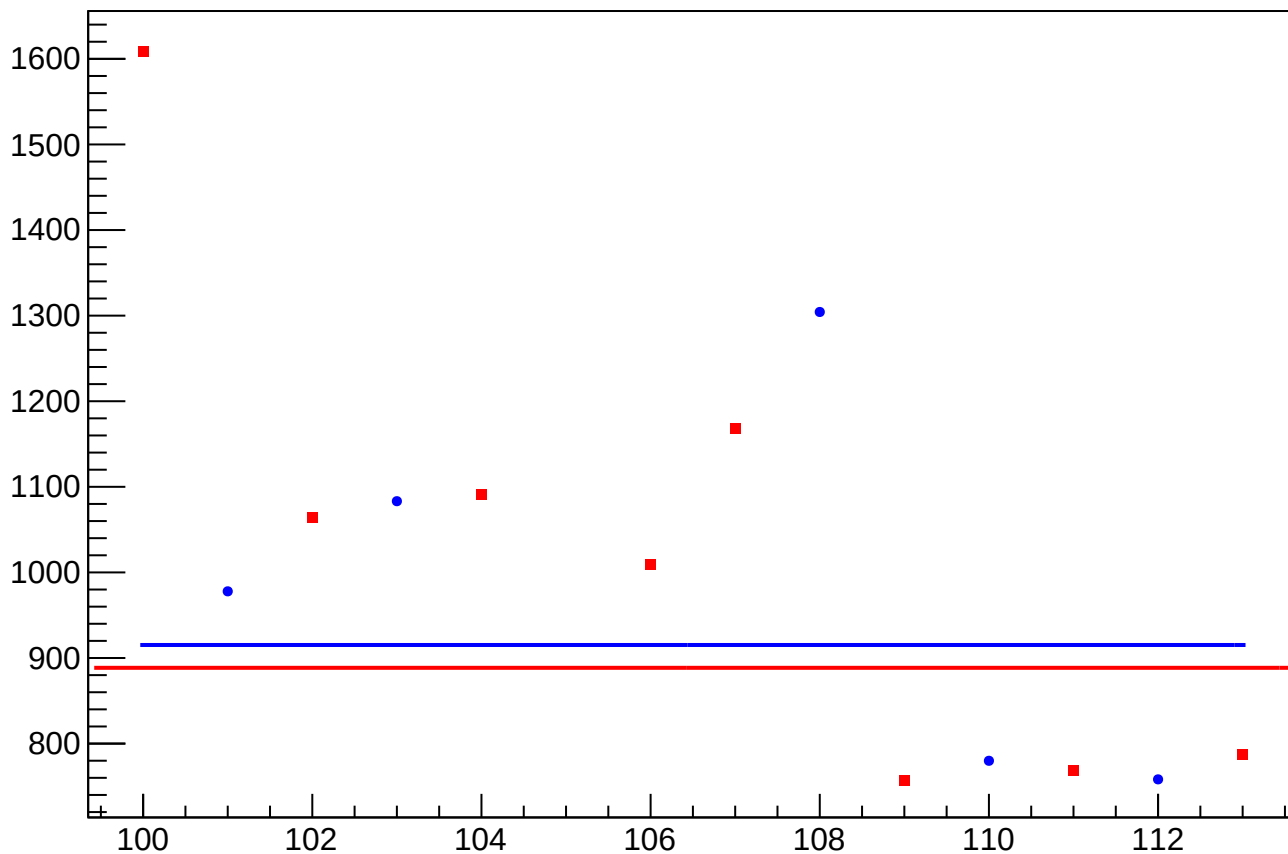
Right: 708.310+/-383.349 χ^2/NDF : 16.2/12

In: 341.122+/-586.196 χ^2/NDF : 8.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 708.310+/-383.349 χ^2/NDF : 16.2/12

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: 888.544 ± 0.358 χ^2/NDF : 204034.9/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

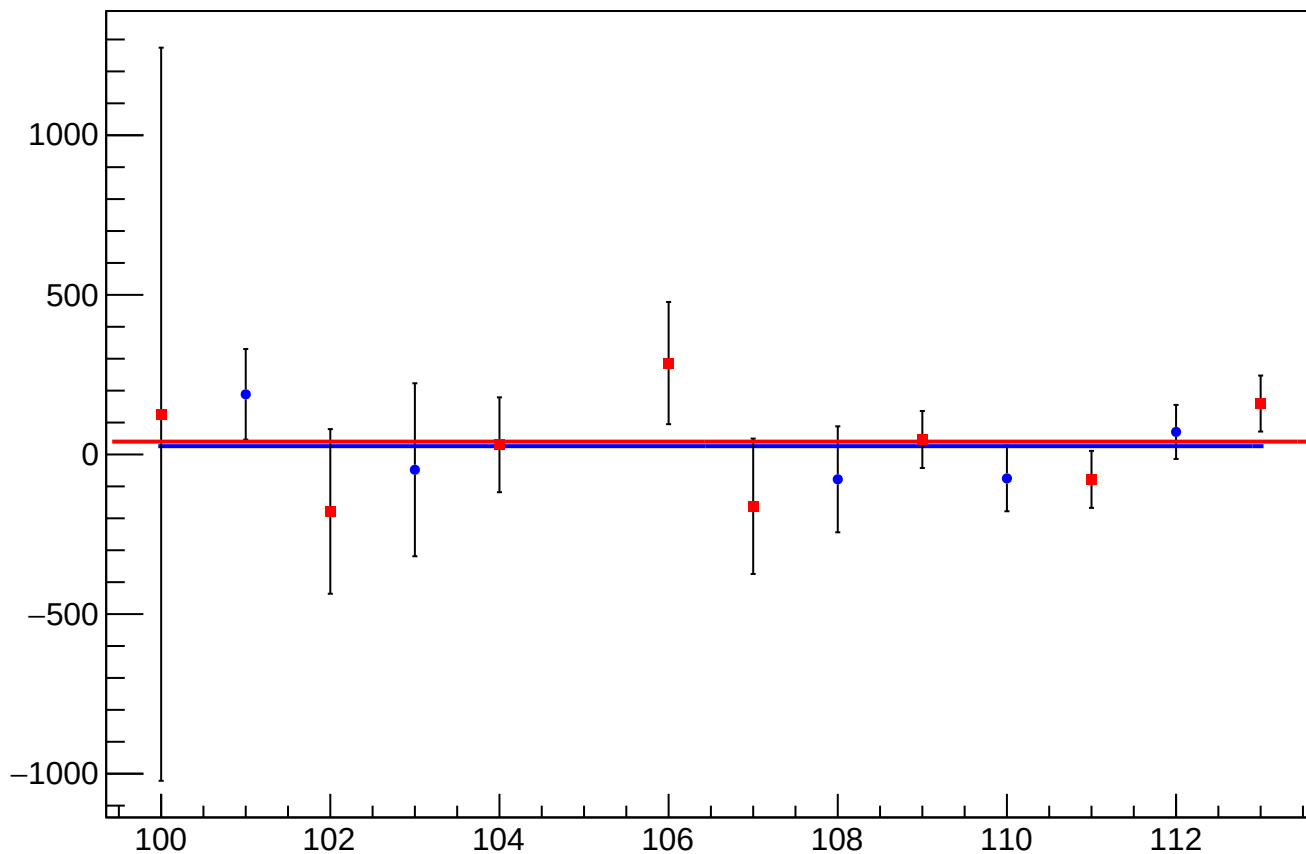
Right: 899.948 ± 0.271 χ^2/NDF : 375960.8/12

In: 915.211 ± 0.415 χ^2/NDF : 169556.9/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 899.948 ± 0.271 χ^2/NDF : 375960.8/12

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: 40.291+/-45.098 χ^2/NDF : 6.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

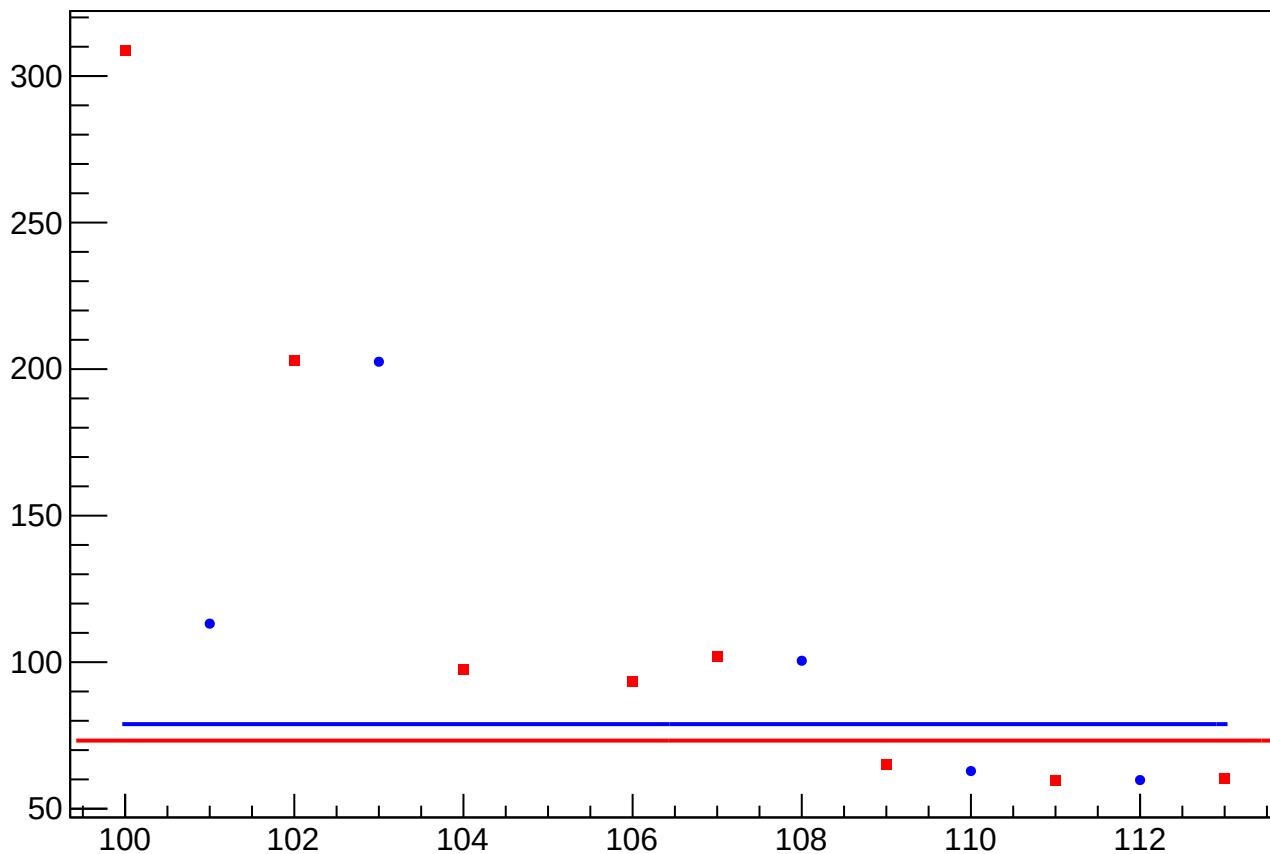
Right: 34.499+/-34.814 χ^2/NDF : 10.0/12

In: 25.958+/-54.769 χ^2/NDF : 3.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.499+/-34.814 χ^2/NDF : 10.0/12

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: 73.243+/-0.032 χ^2/NDF : 807327.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

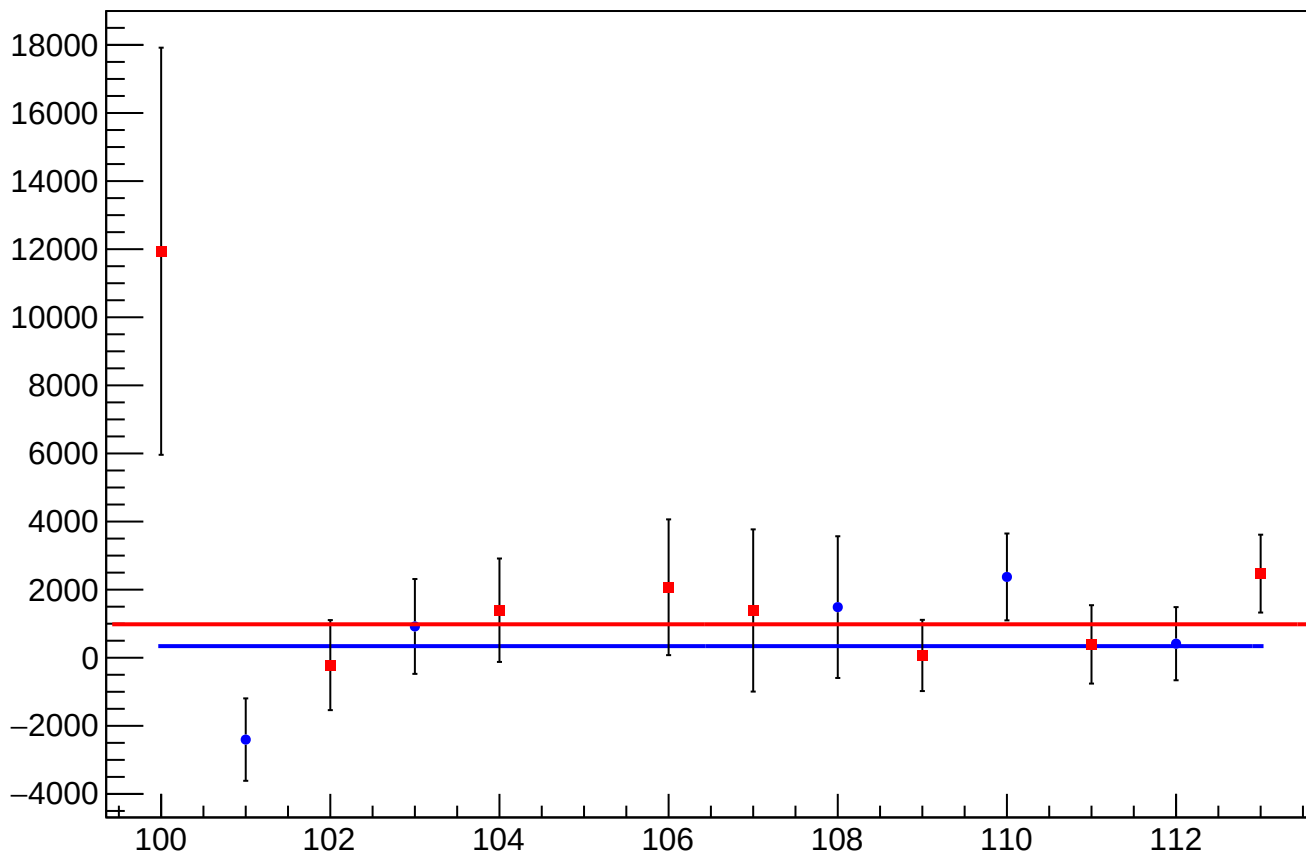
Right: 75.513+/-0.025 χ^2/NDF : 1537004.1/12

In: 78.860+/-0.039 χ^2/NDF : 717137.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.513+/-0.025 χ^2/NDF : 1537004.1/12

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: 982.682+/-506.721 χ^2/NDF : 7.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

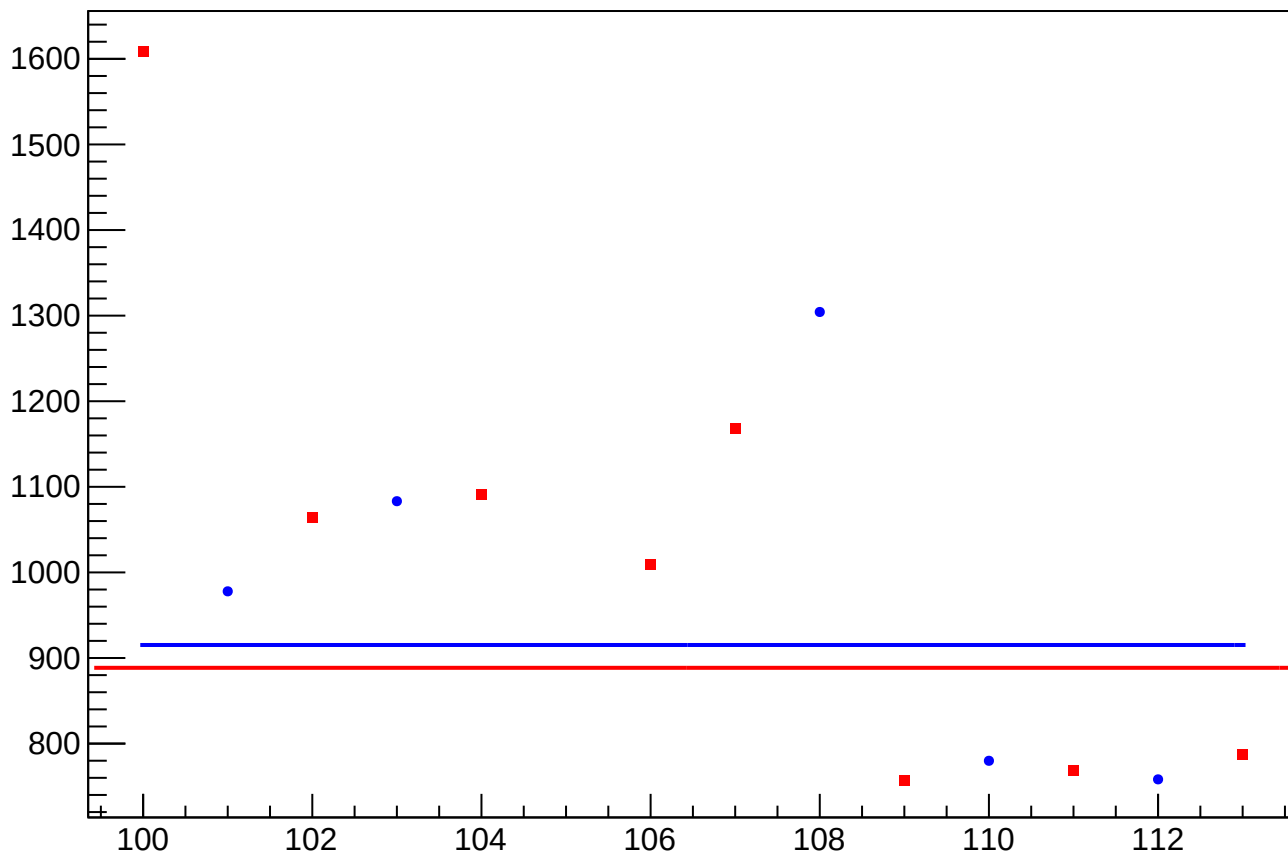
Right: 708.310+/-383.349 χ^2/NDF : 16.2/12

In: 341.122+/-586.196 χ^2/NDF : 8.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 708.310+/-383.349 χ^2/NDF : 16.2/12

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: 888.544+/-0.358 χ^2/NDF : 204034.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

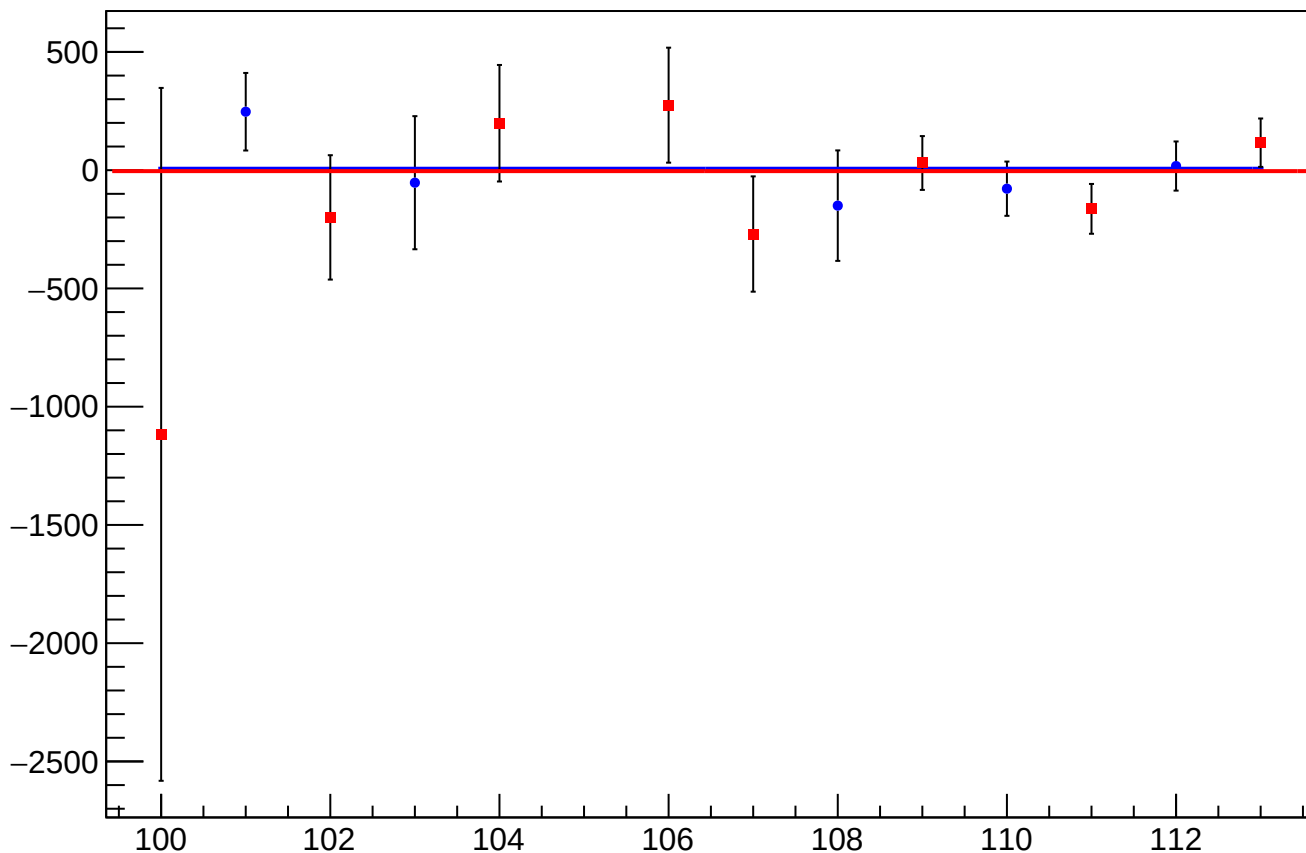
Right: 899.948+/-0.271 χ^2/NDF : 375960.8/12

In: 915.211+/-0.415 χ^2/NDF : 169556.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 899.948+/-0.271 χ^2/NDF : 375960.8/12

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 6.118 $\pm$ 64.993 χ^2 /NDF: 3.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.981 $\pm$ 55.213 χ^2 /NDF: 8.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

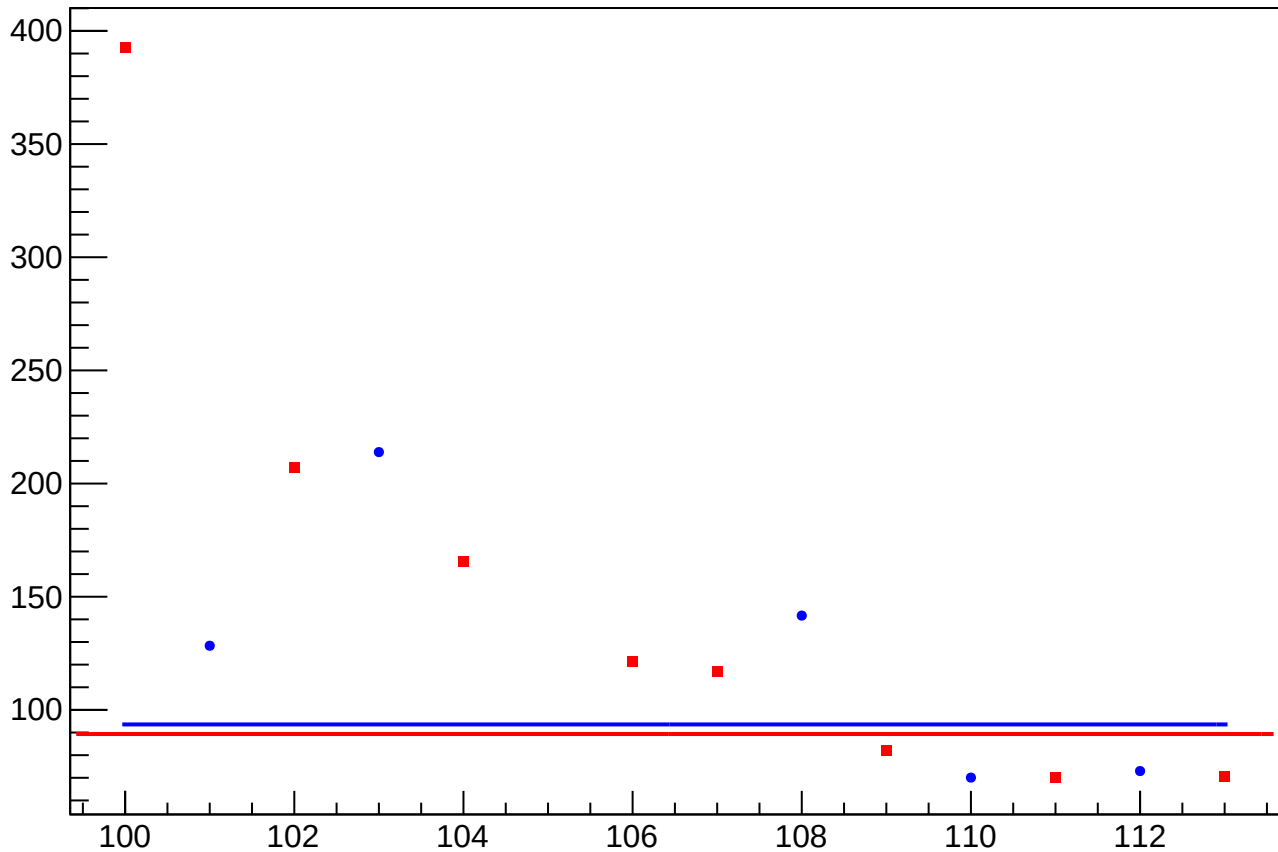
Right: 0.252 $\pm$ 42.079 χ^2 /NDF: 11.3/12

In: 6.118 $\pm$ 64.993 χ^2 /NDF: 3.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.252 $\pm$ 42.079 χ^2 /NDF: 11.3/12

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: 89.344+/-0.039 χ^2/NDF : 881839.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

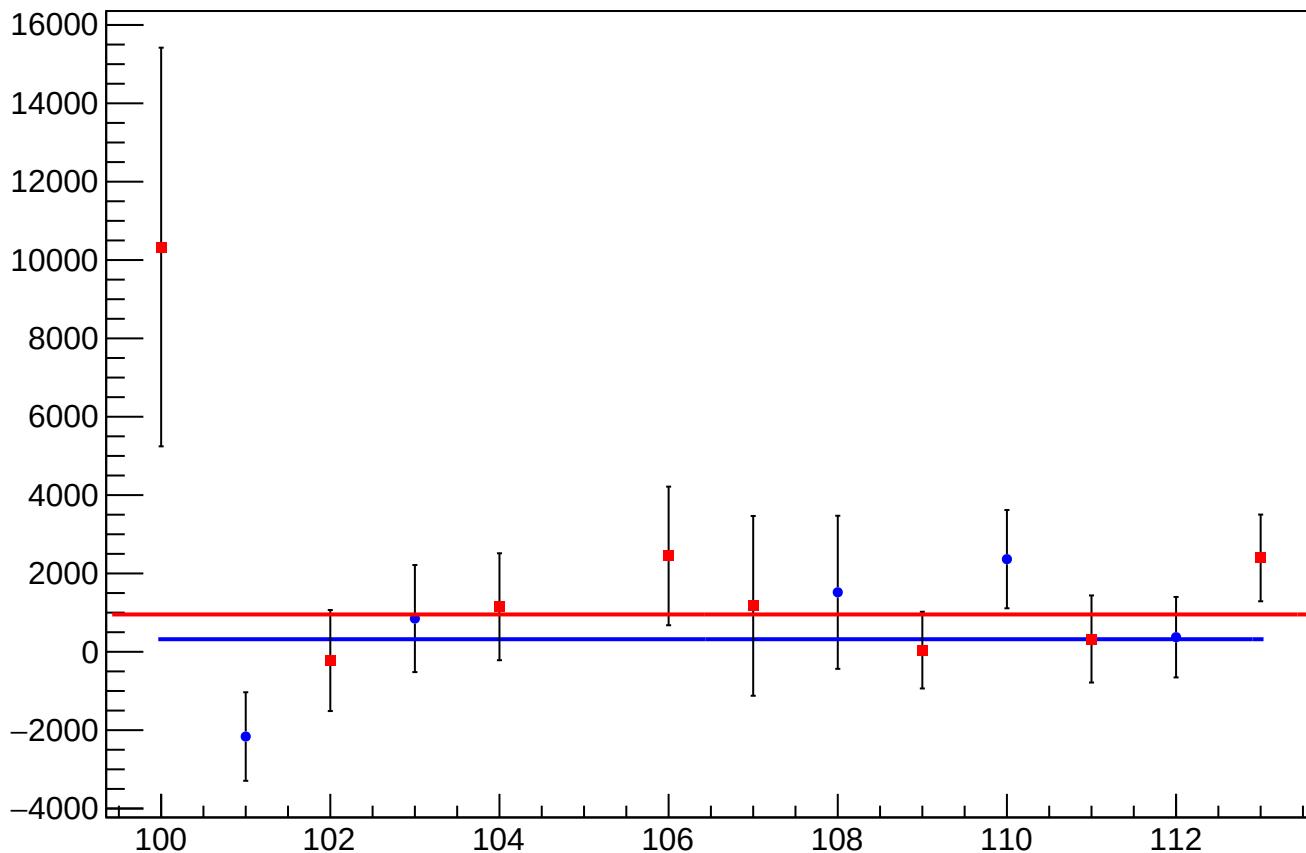
Right: 91.121+/-0.030 χ^2/NDF : 1589550.8/12

In: 93.583+/-0.046 χ^2/NDF : 702768.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.121+/-0.030 χ^2/NDF : 1589550.8/12

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: 953.449+/-479.114 χ^2/NDF : 7.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

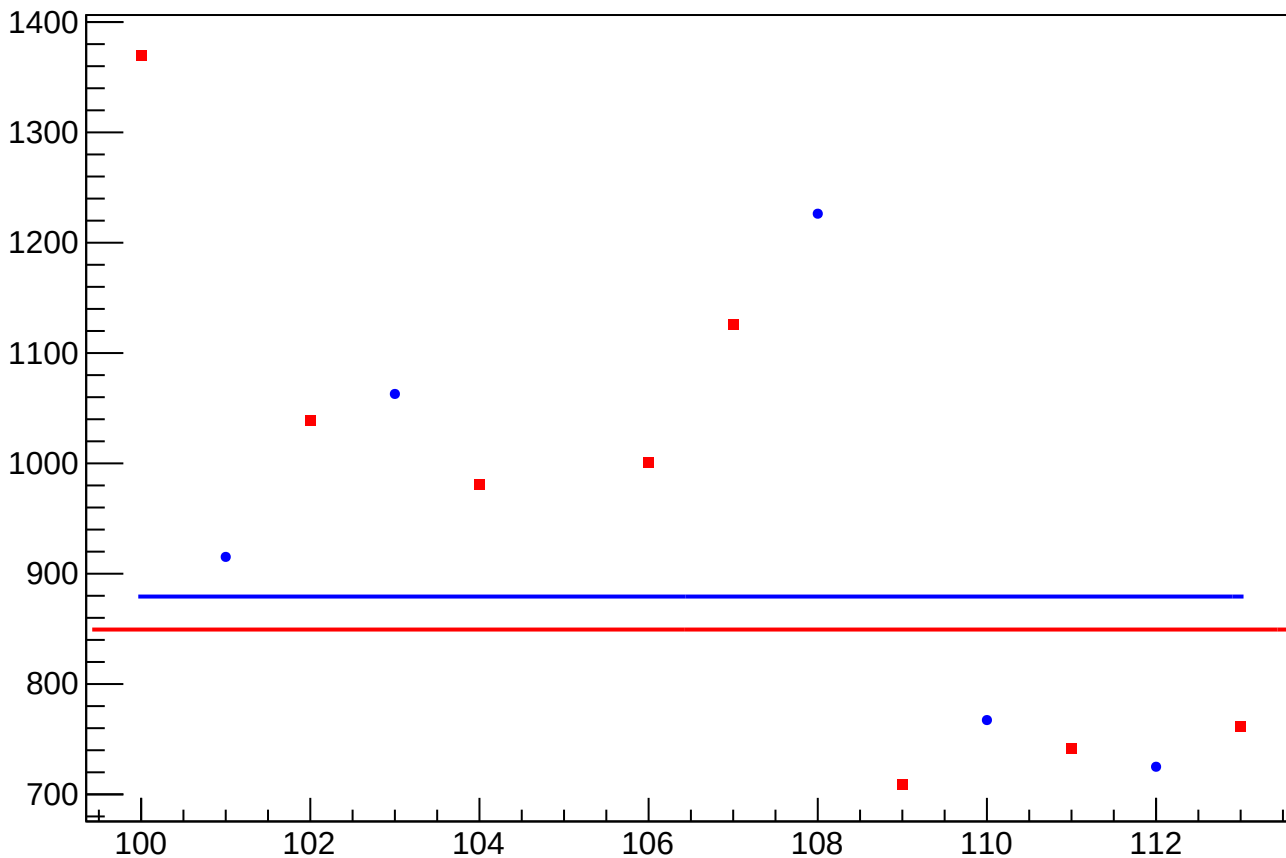
Right: 687.415+/-364.646 χ^2/NDF : 16.6/12

In: 321.164+/-562.159 χ^2/NDF : 8.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 687.415+/-364.646 χ^2/NDF : 16.6/12

asym_sam_37_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 879.302+/-0.398 χ^2/NDF : 162298.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 849.395+/-0.339 χ^2/NDF : 198188.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

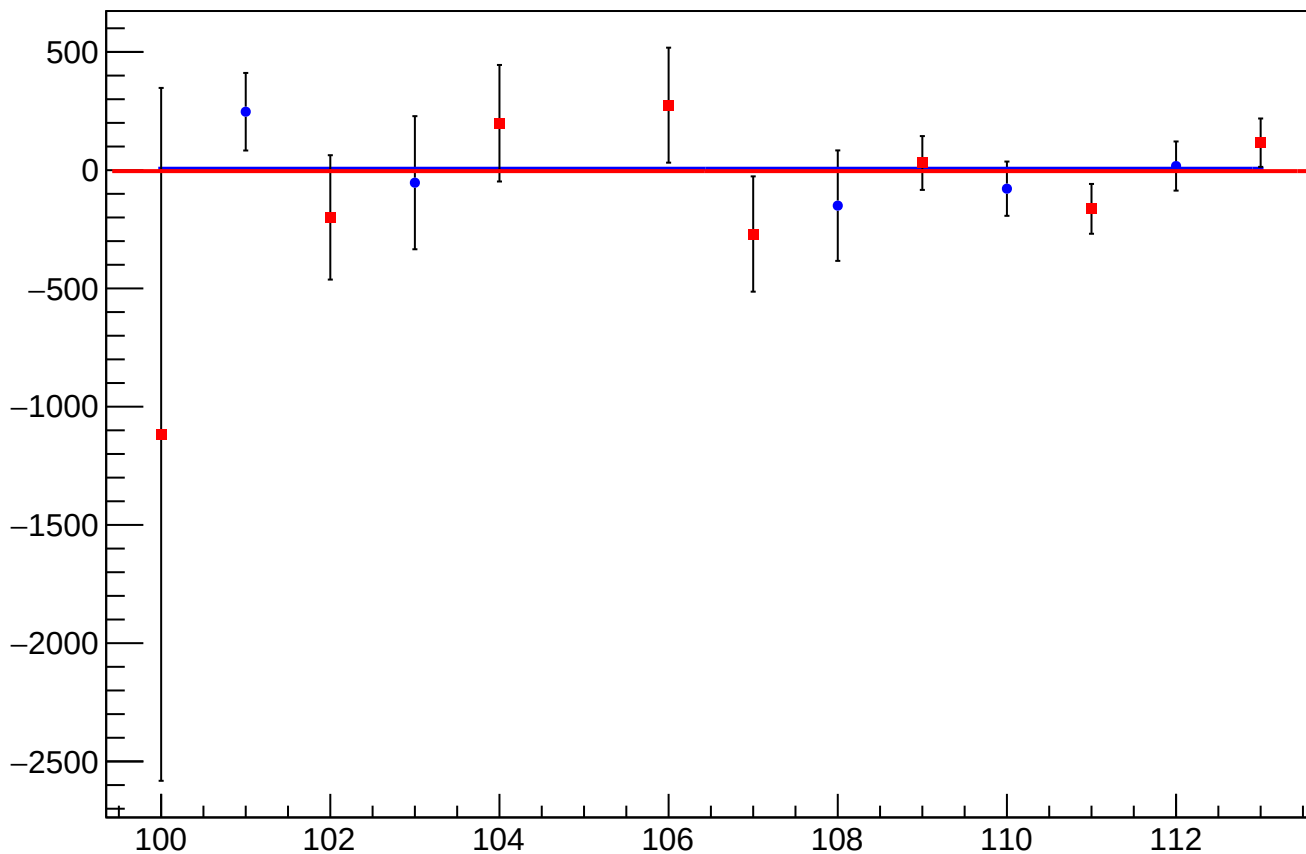
Right: 861.978+/-0.258 χ^2/NDF : 363765.8/12

In: 879.302+/-0.398 χ^2/NDF : 162298.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 861.978+/-0.258 χ^2/NDF : 363765.8/12

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: -3.984+/-55.213 χ^2 /NDF: 8.1/7

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

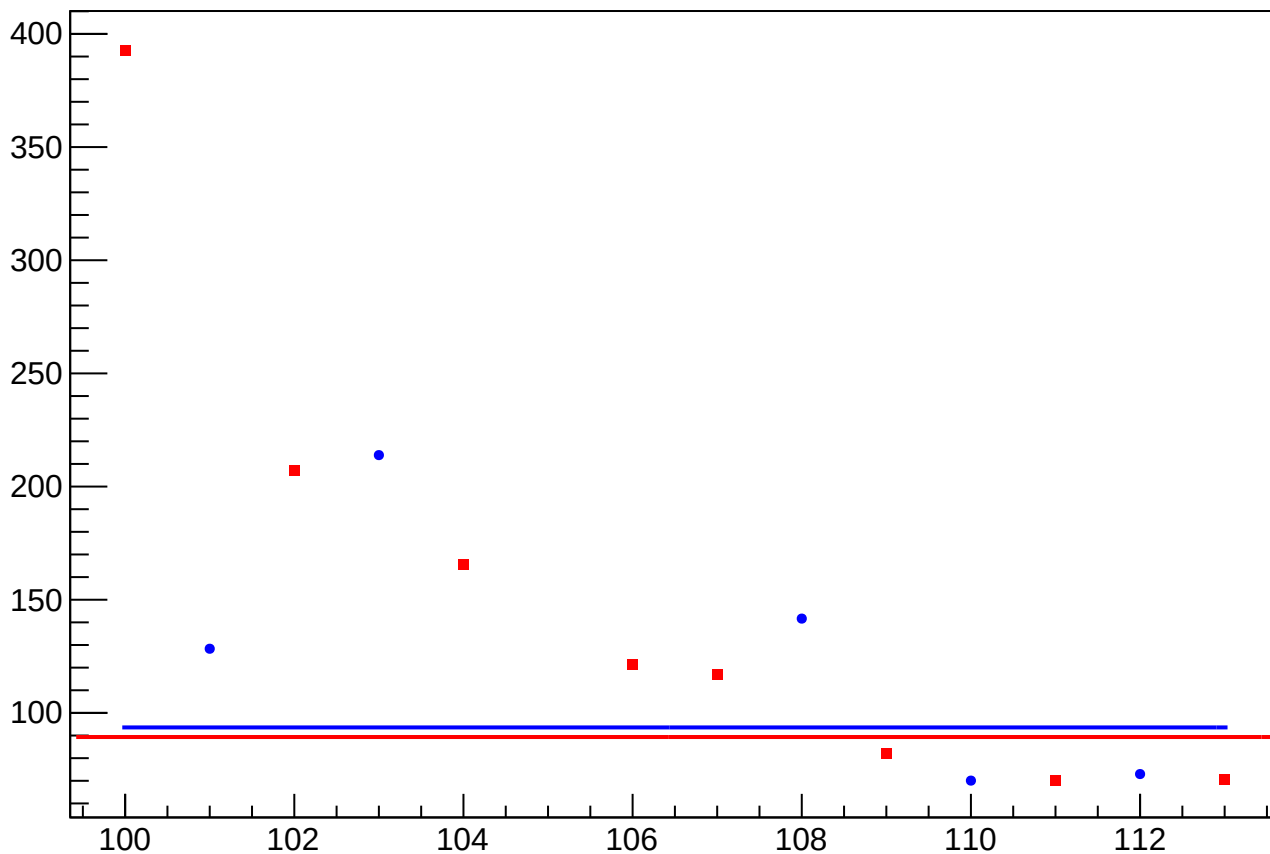
Right: 0.250+/-42.079 χ^2 /NDF: 11.3/12

In: 6.117+/-64.994 χ^2 /NDF: 3.2/4

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.250+/-42.079 χ^2 /NDF: 11.3/12

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: 89.344+/-0.039 χ^2/NDF : 881834.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

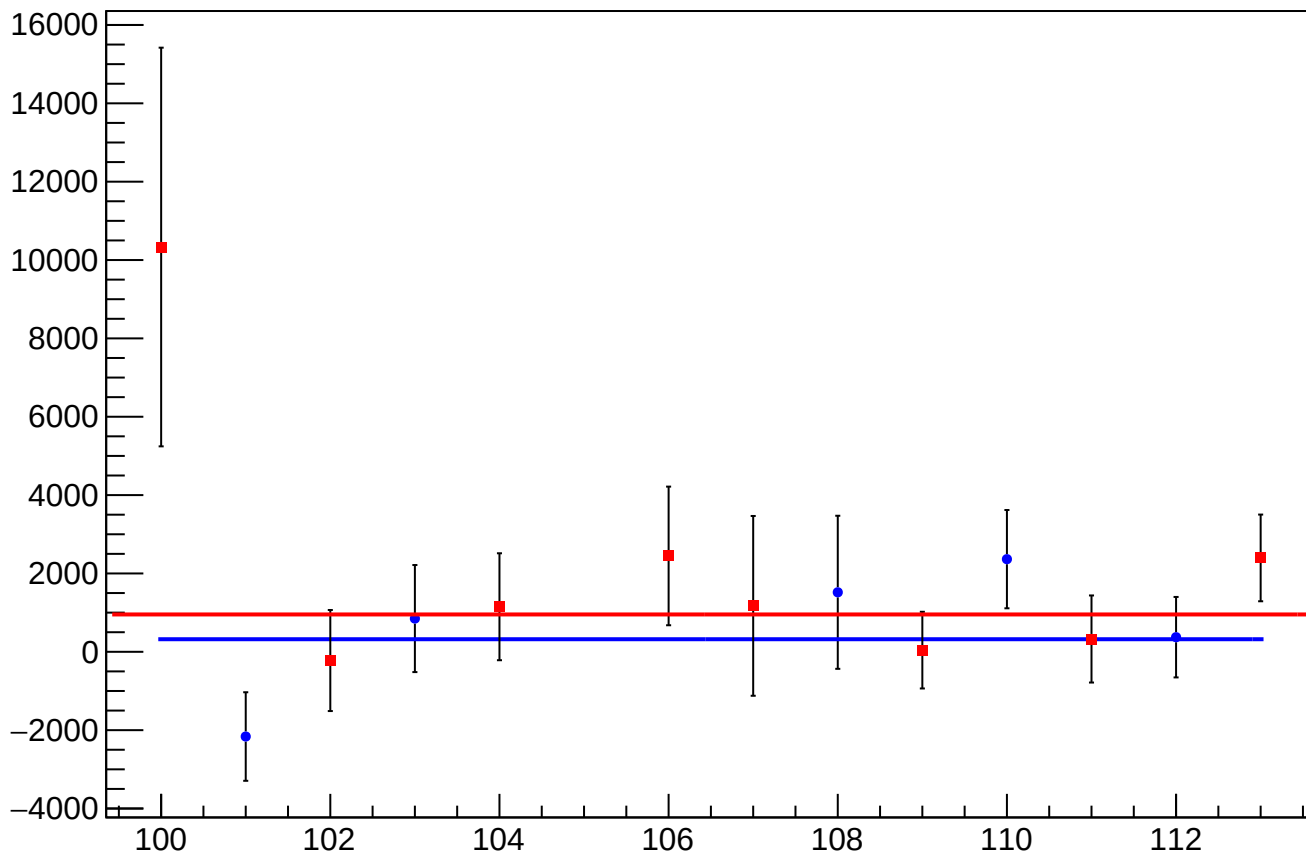
Right: 91.121+/-0.030 χ^2/NDF : 1589537.4/12

In: 93.584+/-0.046 χ^2/NDF : 702760.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.121+/-0.030 χ^2/NDF : 1589537.4/12

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: 953.447+/-479.113 χ^2/NDF : 7.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

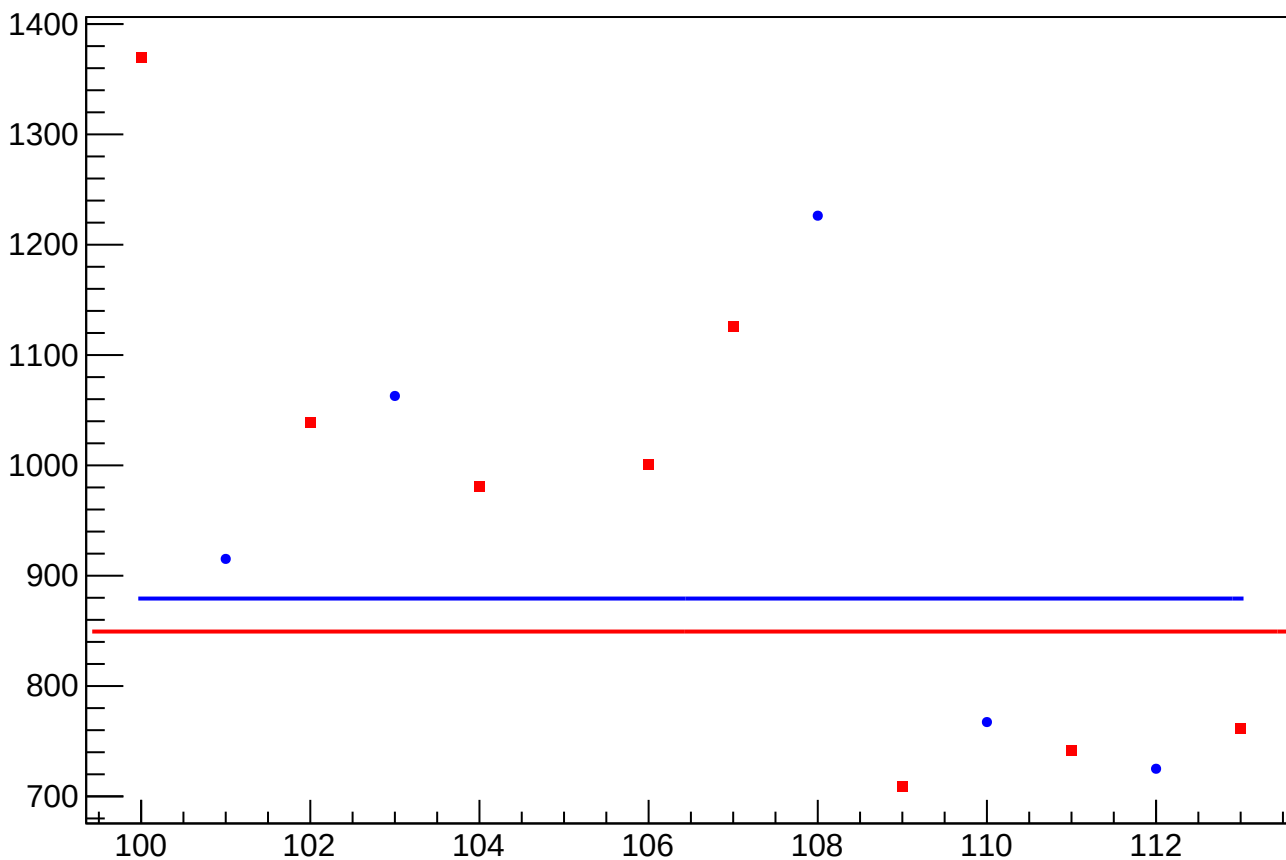
Right: 687.412+/-364.645 χ^2/NDF : 16.6/12

In: 321.162+/-562.157 χ^2/NDF : 8.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 687.412+/-364.645 χ^2/NDF : 16.6/12

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: 849.393+/-0.339 χ^2/NDF : 198187.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

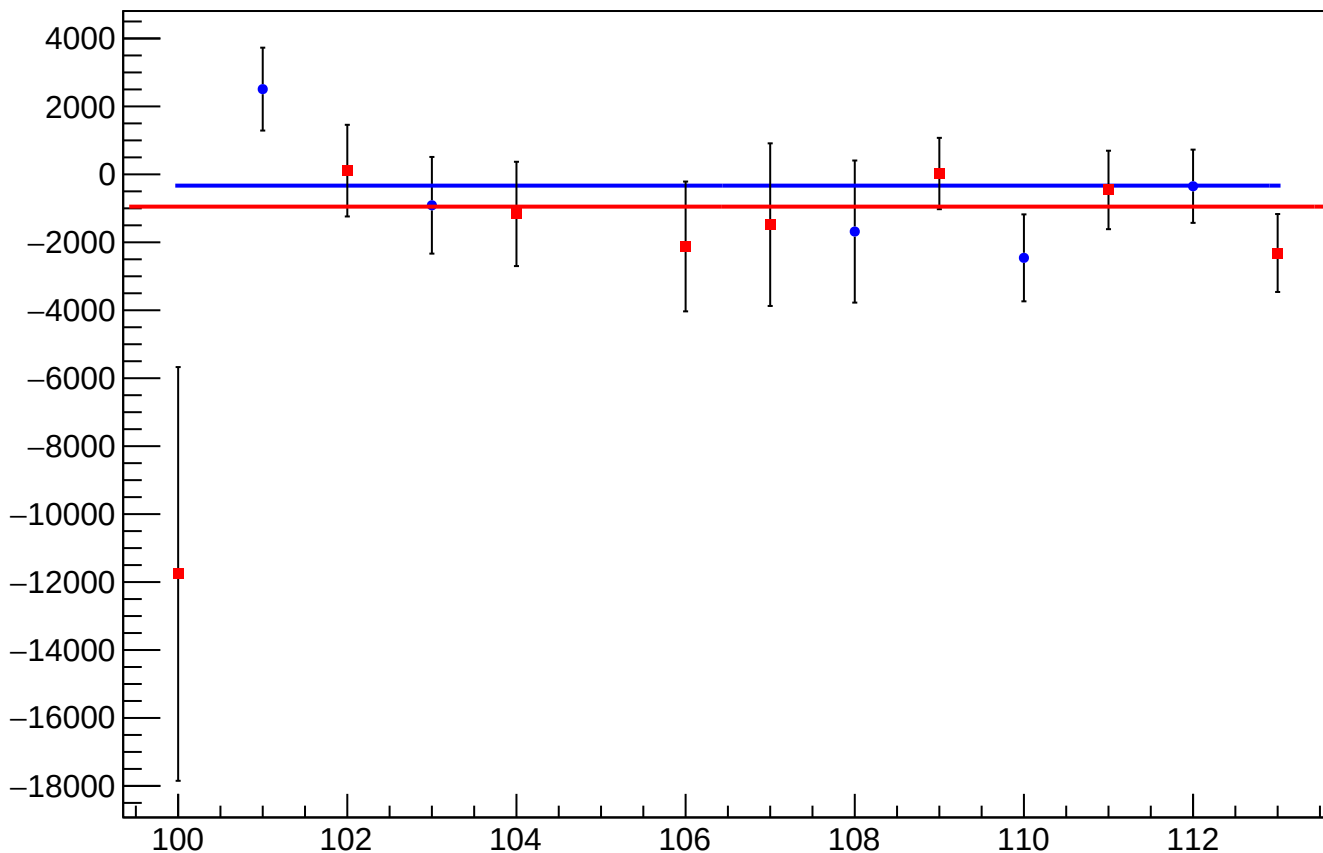
Right: 861.976+/-0.258 χ^2/NDF : 363764.3/12

In: 879.299+/-0.398 χ^2/NDF : 162298.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 861.976+/-0.258 χ^2/NDF : 363764.3/12

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: -949.474+/-508.528 χ^2/NDF : 6.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

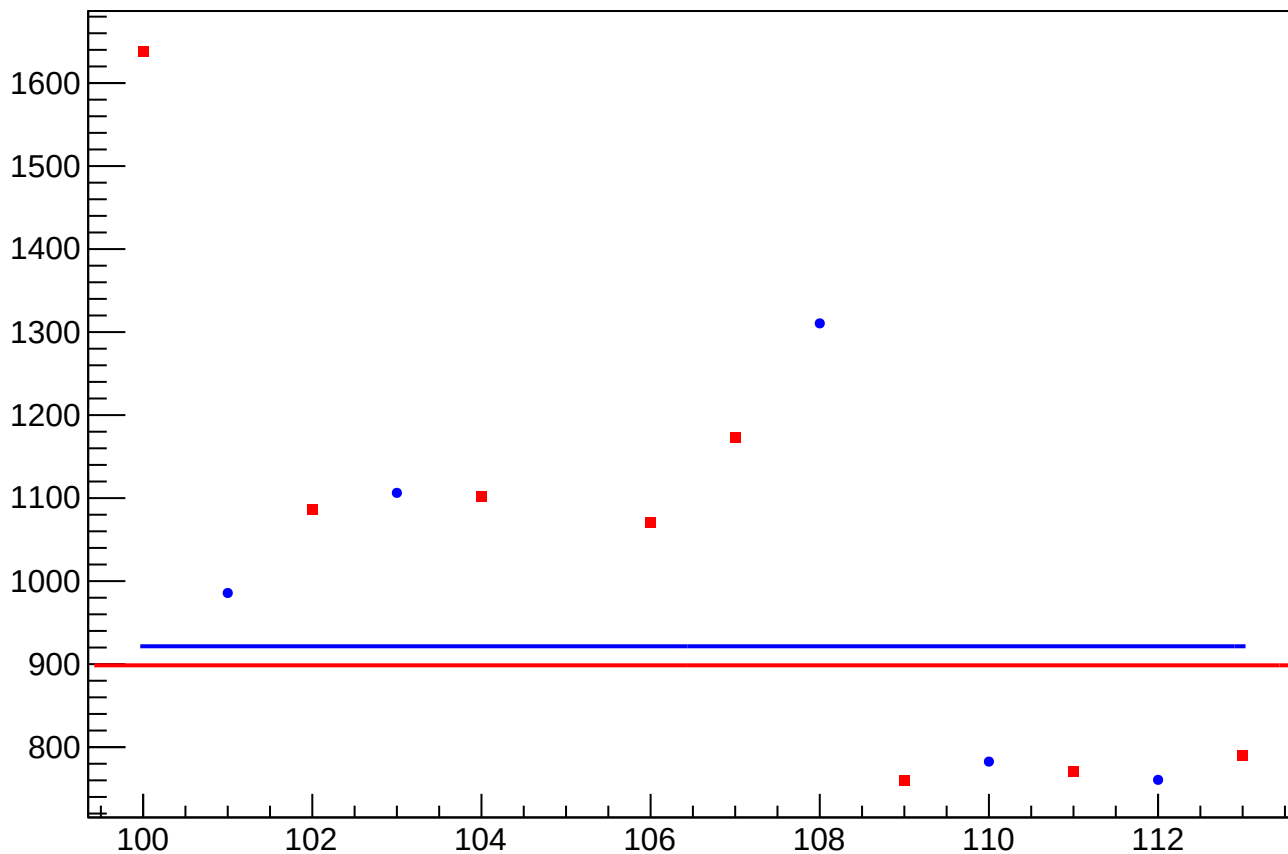
Right: -686.444+/-385.380 χ^2/NDF : 16.1/12

In: -331.579+/-590.669 χ^2/NDF : 8.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -686.444+/-385.380 χ^2/NDF : 16.1/12

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: 898.570+/-0.360 χ^2/NDF : 223355.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

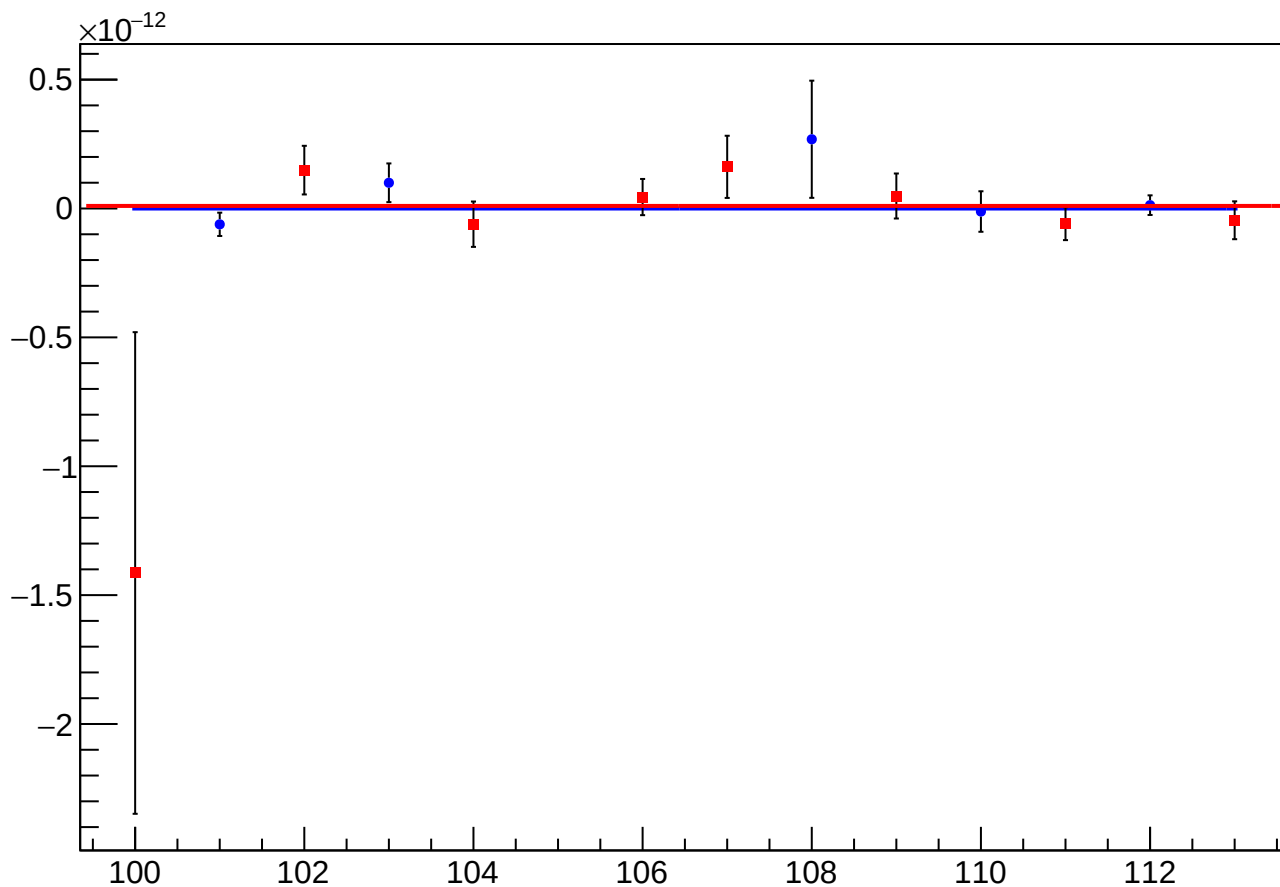
Right: 908.336+/-0.273 χ^2/NDF : 401738.8/12

In: 921.511+/-0.418 χ^2/NDF : 176650.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 908.336+/-0.273 χ^2/NDF : 401738.8/12

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 : 8.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

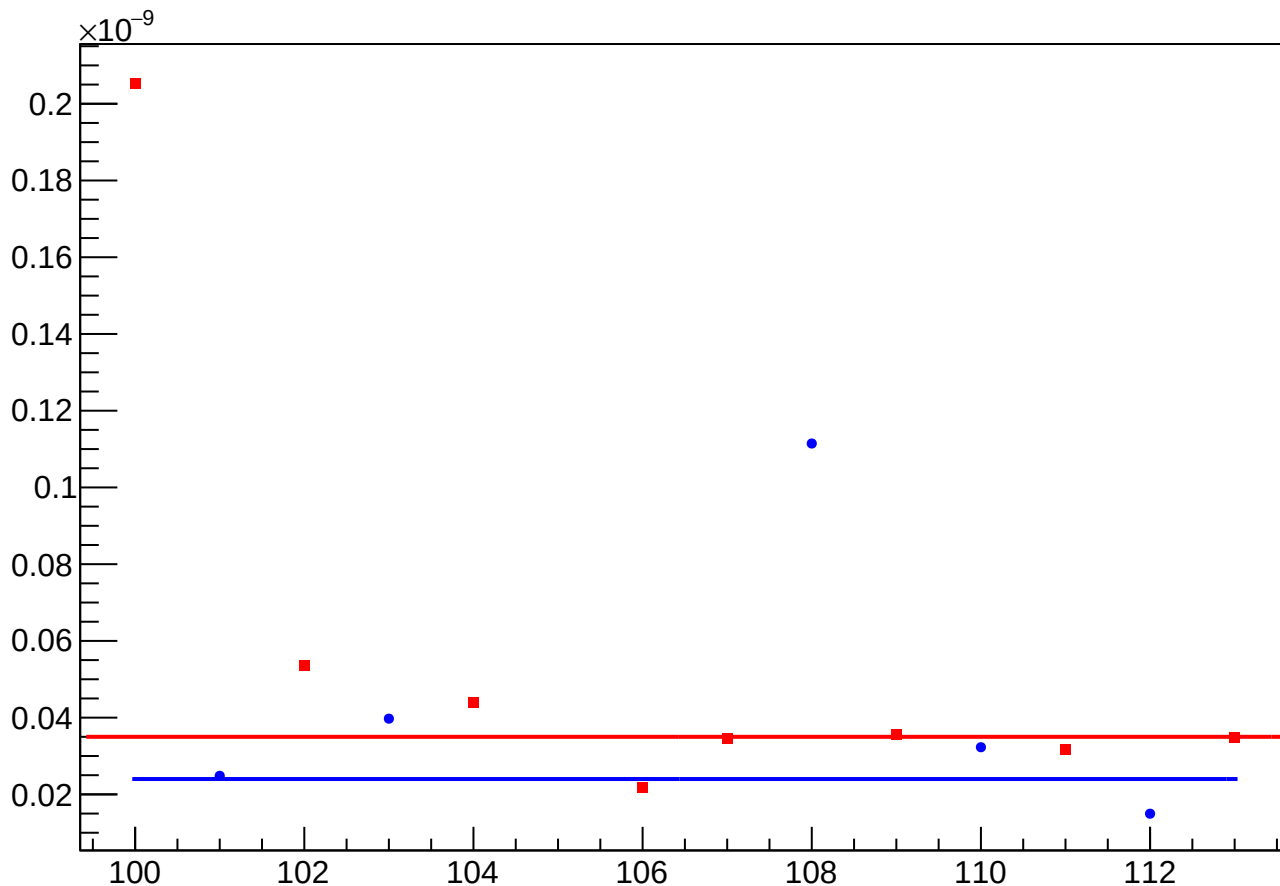
Right: 0.000+/-0.000 χ^2/NDF : 14.1/12

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 : 14.1/12

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 : 241033.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

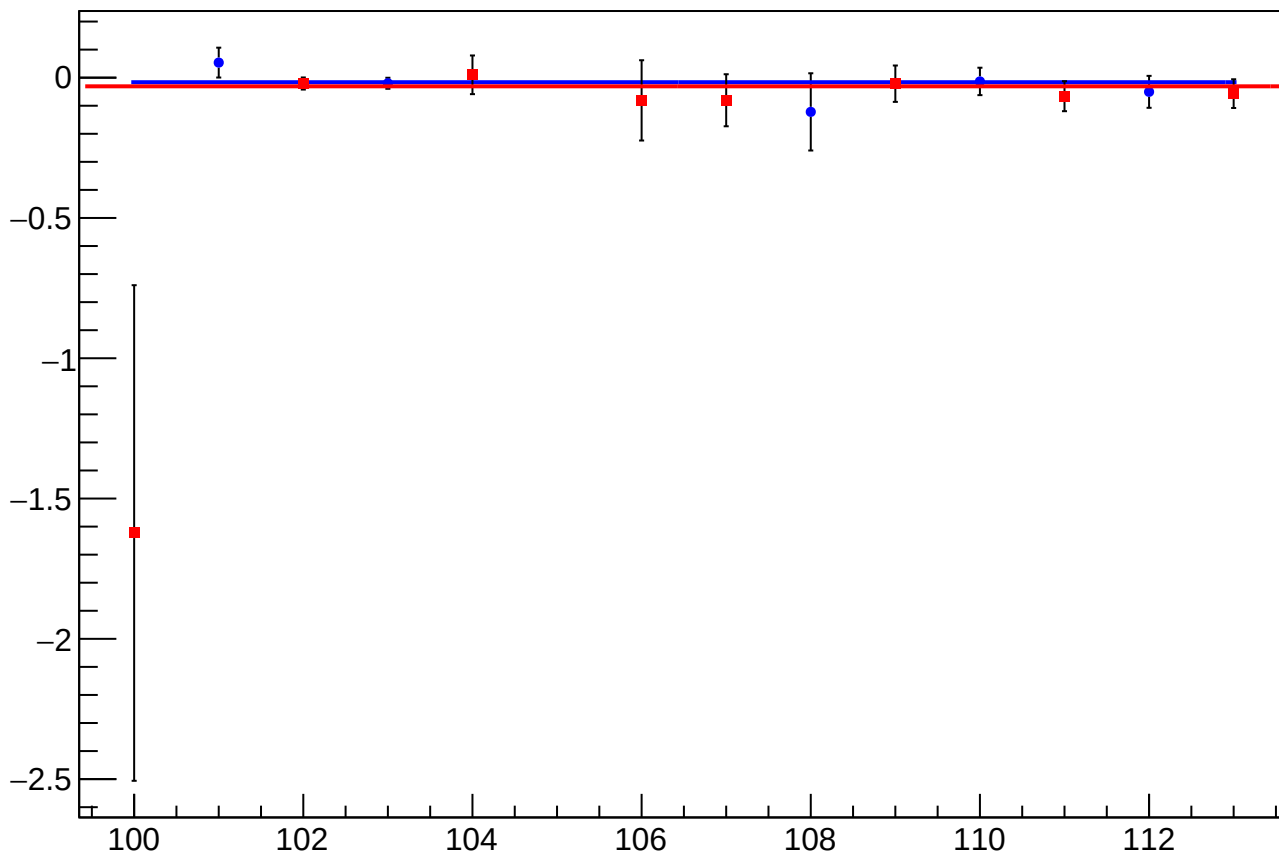
Right: 0.000+/-0.000 χ^2/NDF : 913530.7/12

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 : 913530.7/12

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: -0.031 $\pm$ 0.017 χ^2 /NDF: 4.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

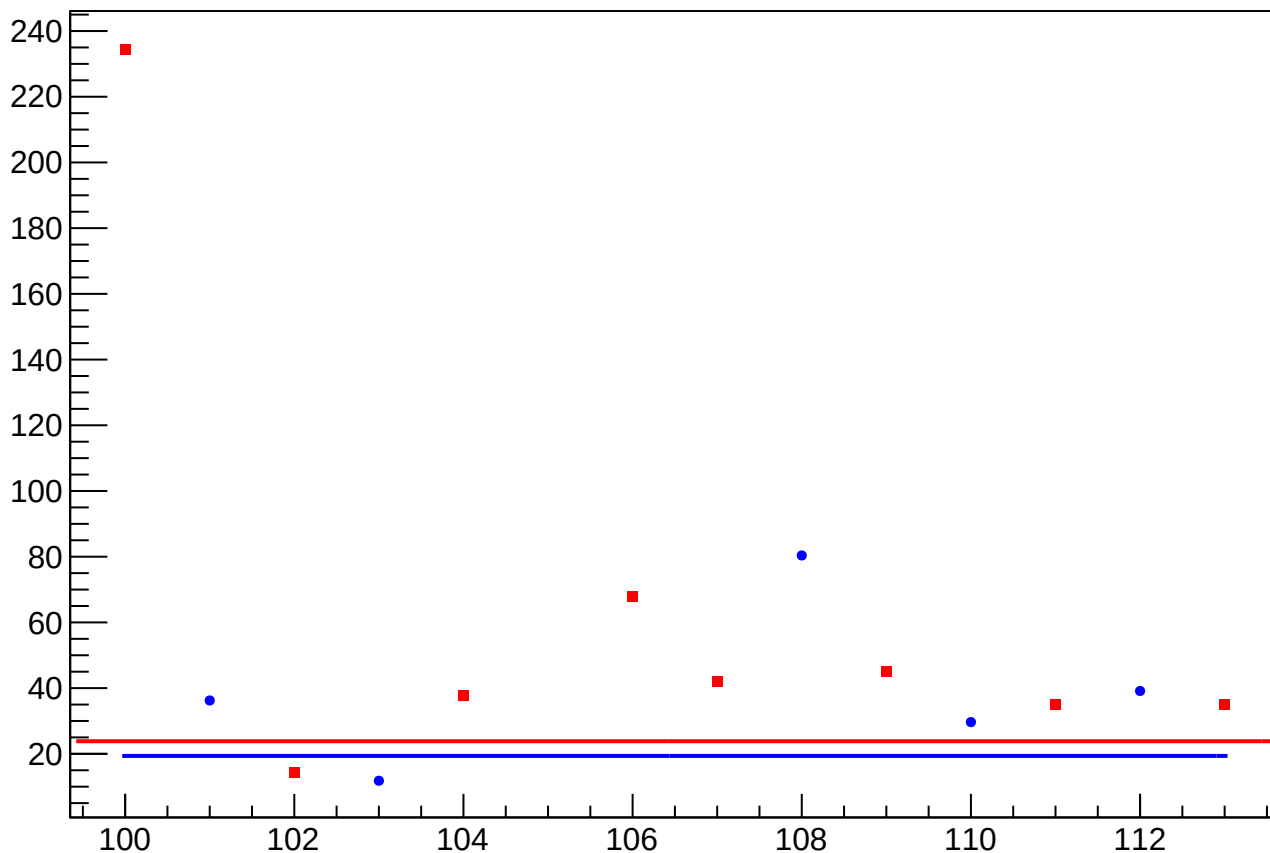
Right: -0.023 $\pm$ 0.012 χ^2 /NDF: 8.0/12

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: -0.023 $\pm$ 0.012 χ^2 /NDF: 8.0/12

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: 23.839+/-0.012 χ^2/NDF : 1254466.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

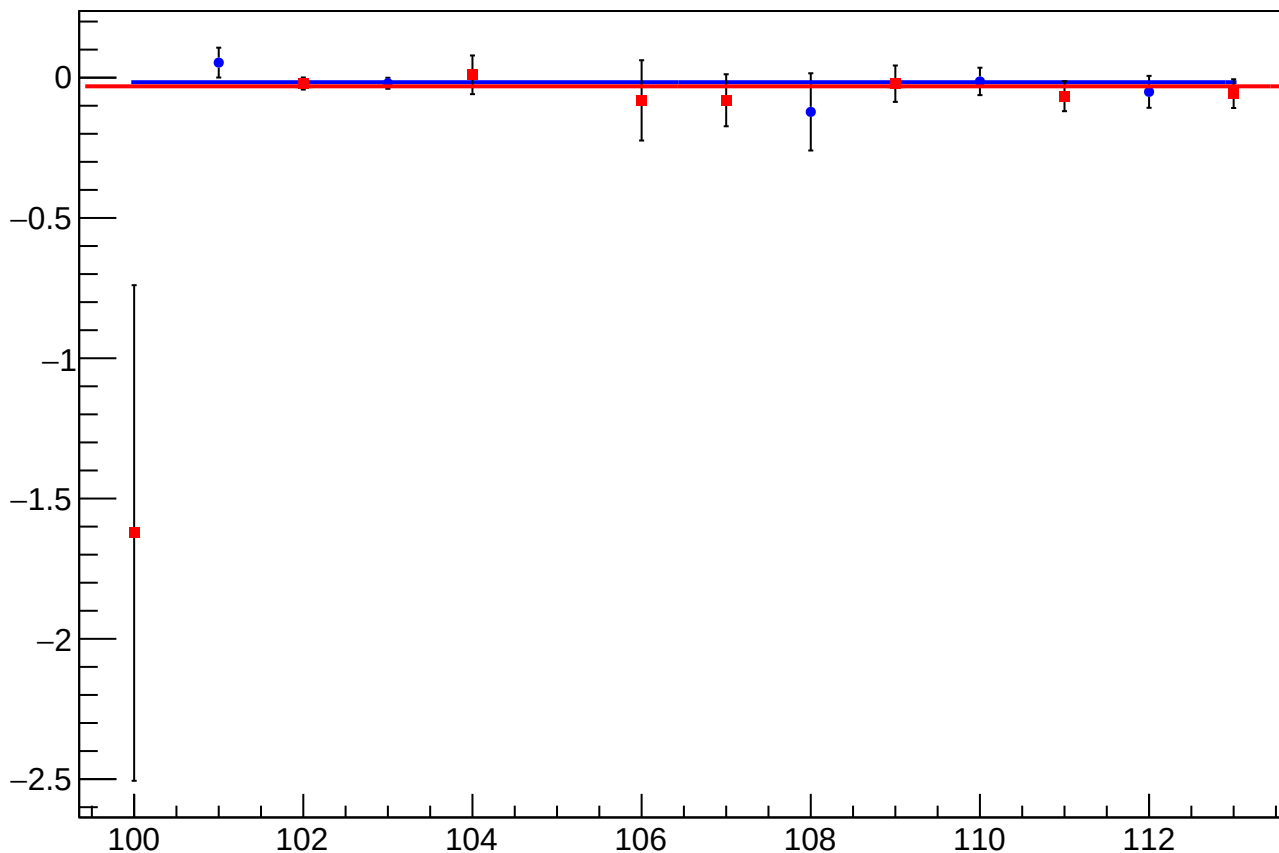
Right: 21.532+/-0.008 χ^2/NDF : 2547426.2/12

In: 19.363+/-0.012 χ^2/NDF : 1220606.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.532+/-0.008 χ^2/NDF : 2547426.2/12

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: -0.031 $\pm$ 0.017 χ^2 /NDF: 4.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

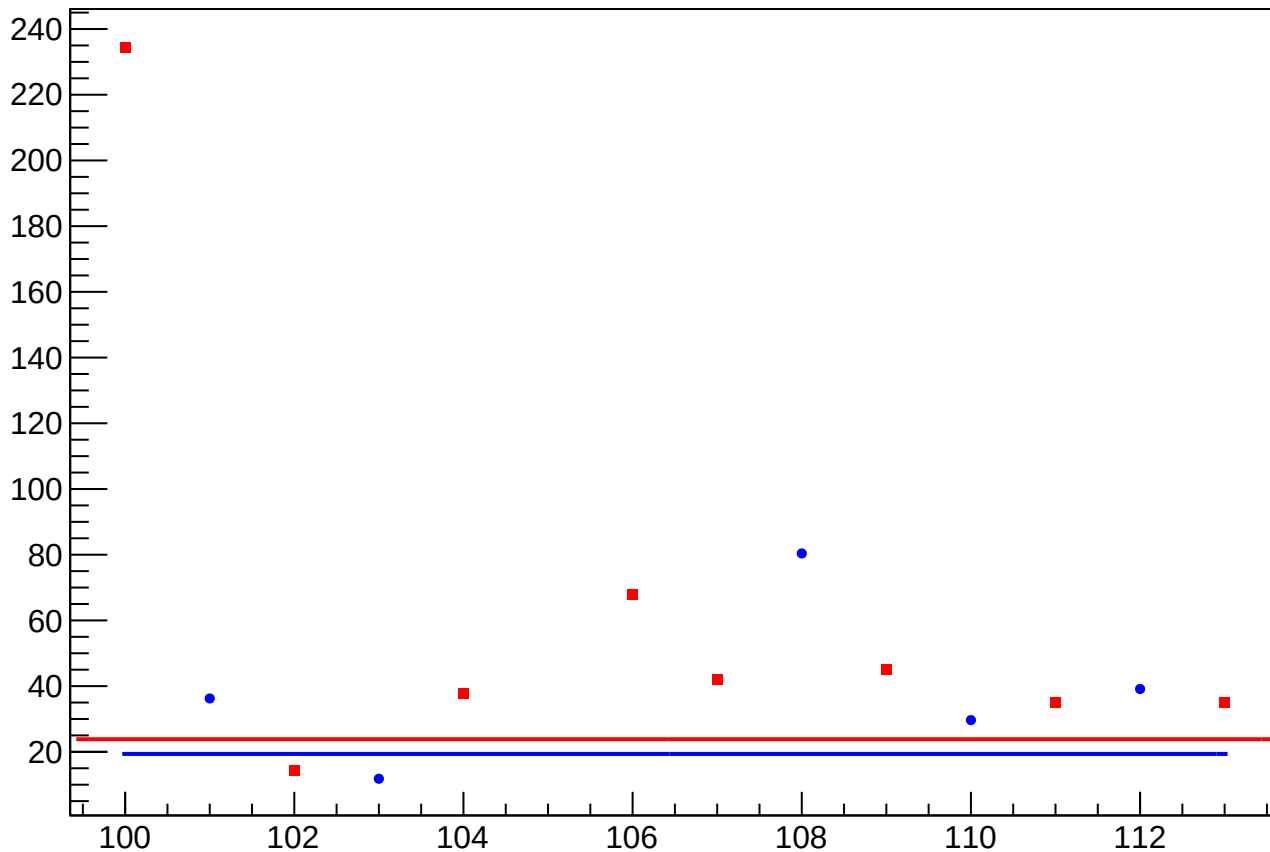
Right: -0.023 $\pm$ 0.012 χ^2 /NDF: 8.0/12

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: -0.023 $\pm$ 0.012 χ^2 /NDF: 8.0/12

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: 23.839+/-0.012 χ^2/NDF : 1254466.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

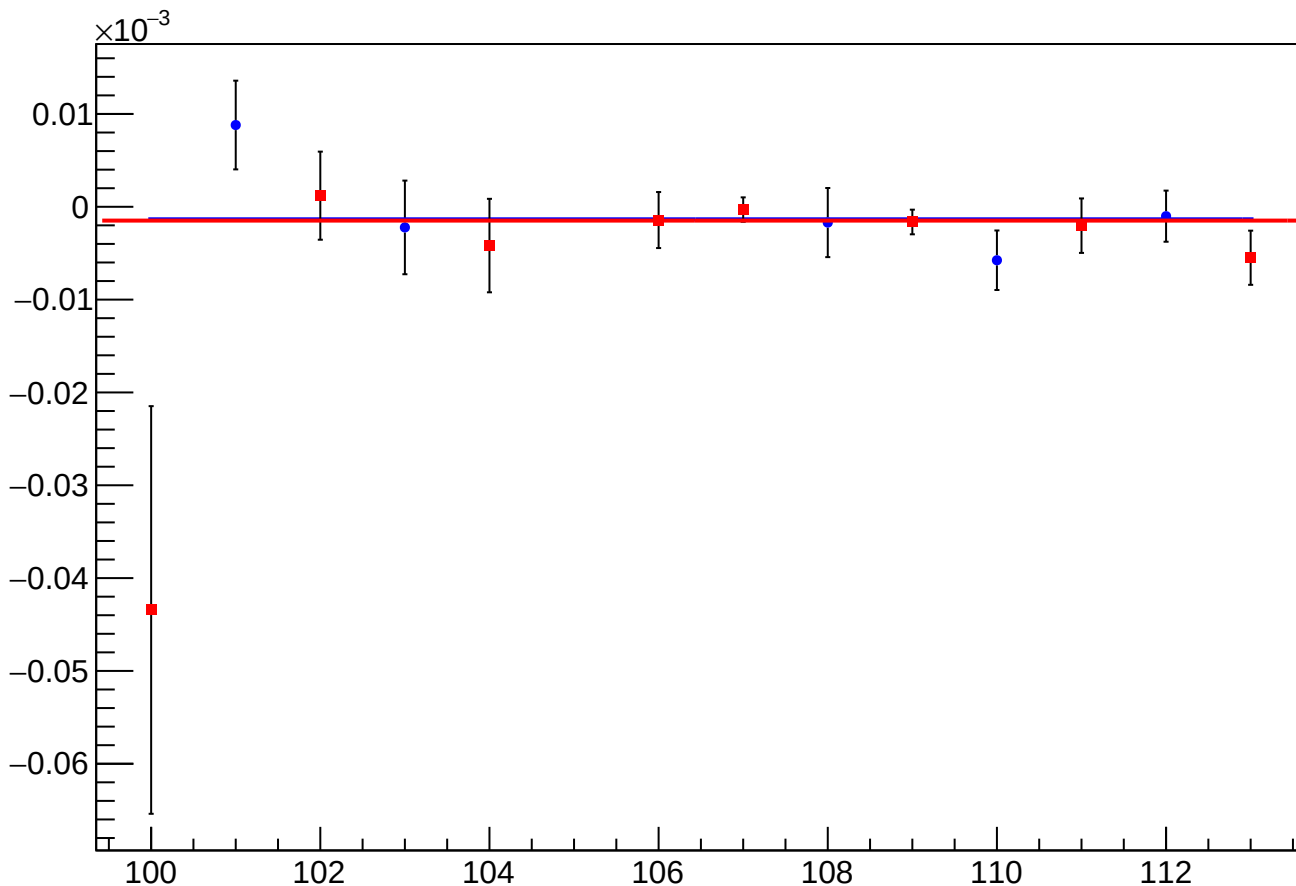
Right: 21.532+/-0.008 χ^2/NDF : 2547426.2/12

In: 19.363+/-0.012 χ^2/NDF : 1220606.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.532+/-0.008 χ^2/NDF : 2547426.2/12

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: 7.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

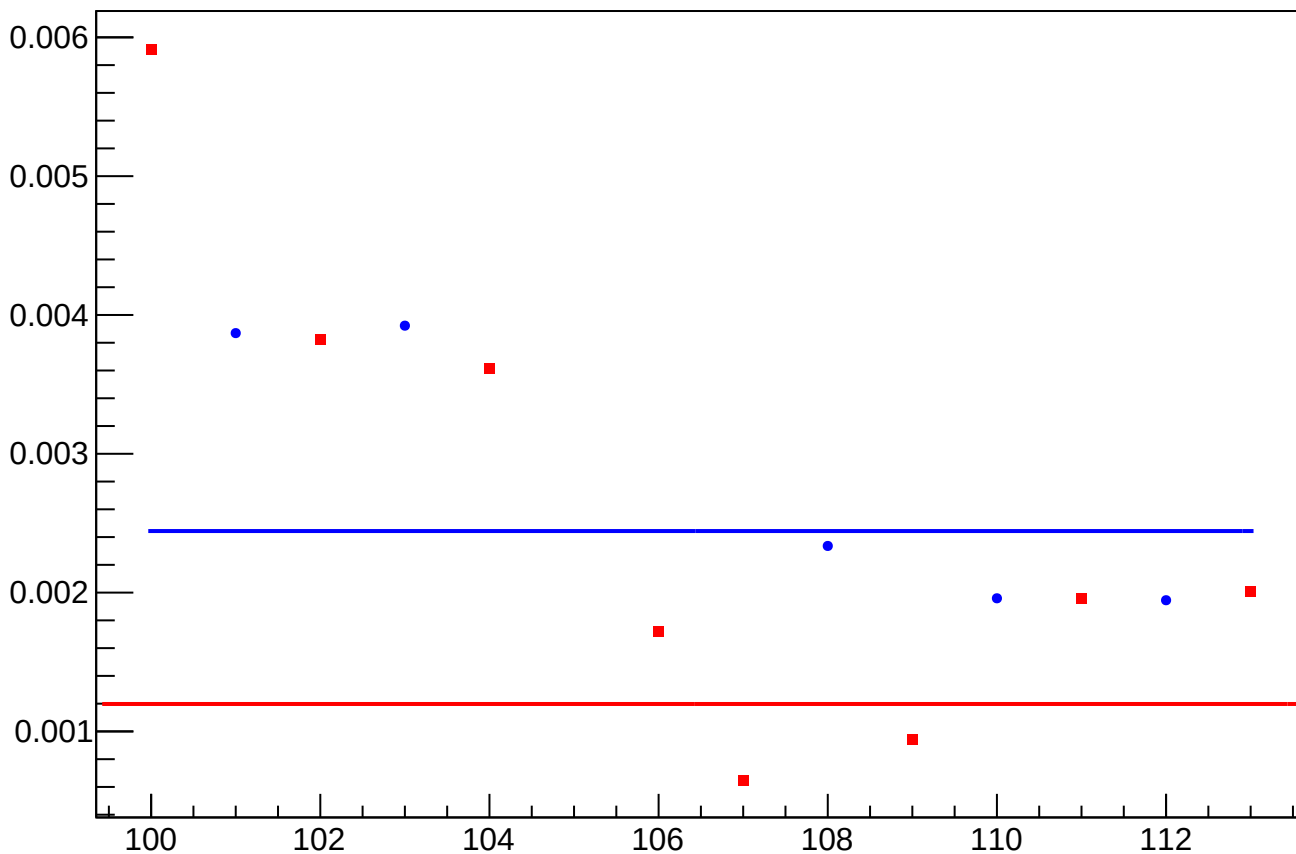
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.5/12

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: 13.5/12

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 : 1940638.8/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

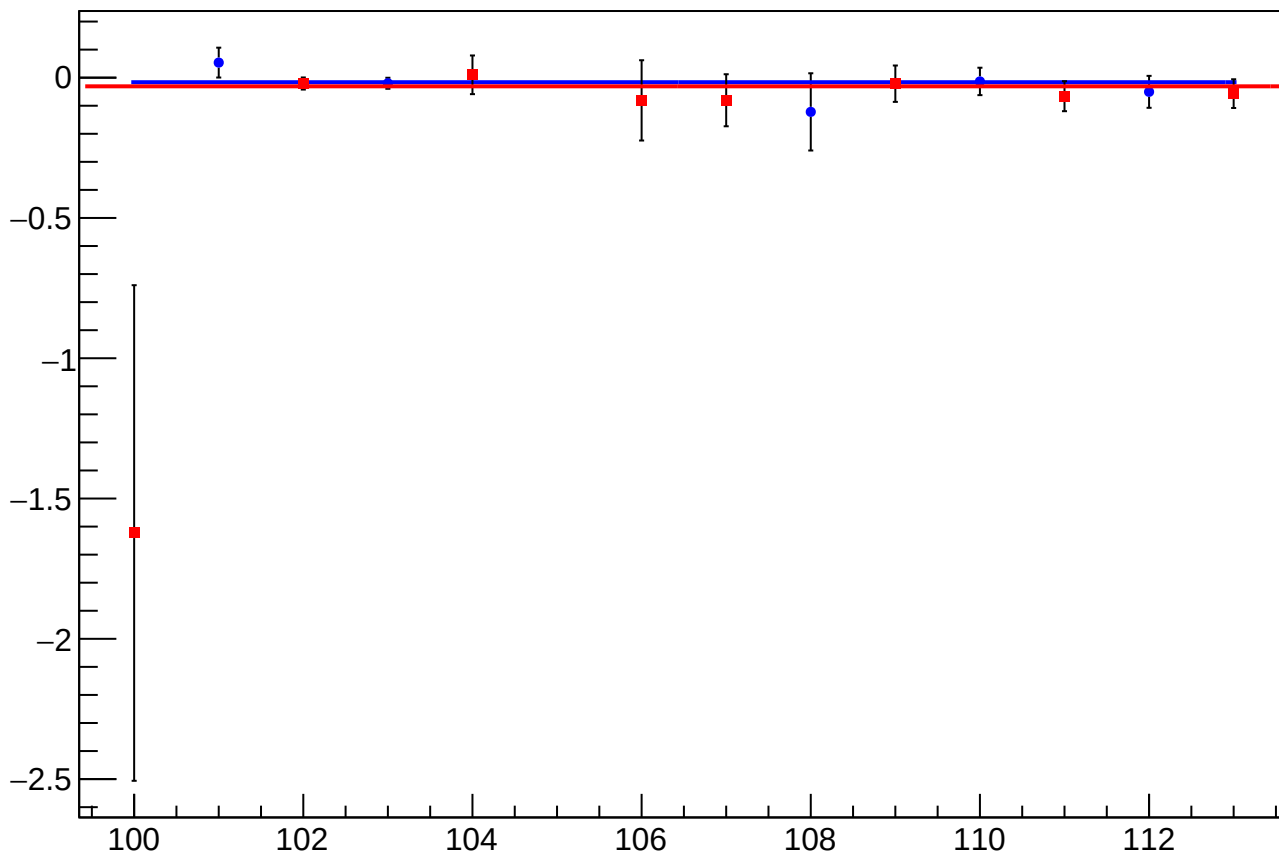
Right: 0.001+/-0.000 χ^2/NDF : 3363022.1/12

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 : 3363022.1/12

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: -0.031 $\pm$ 0.017 χ^2 /NDF: 4.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

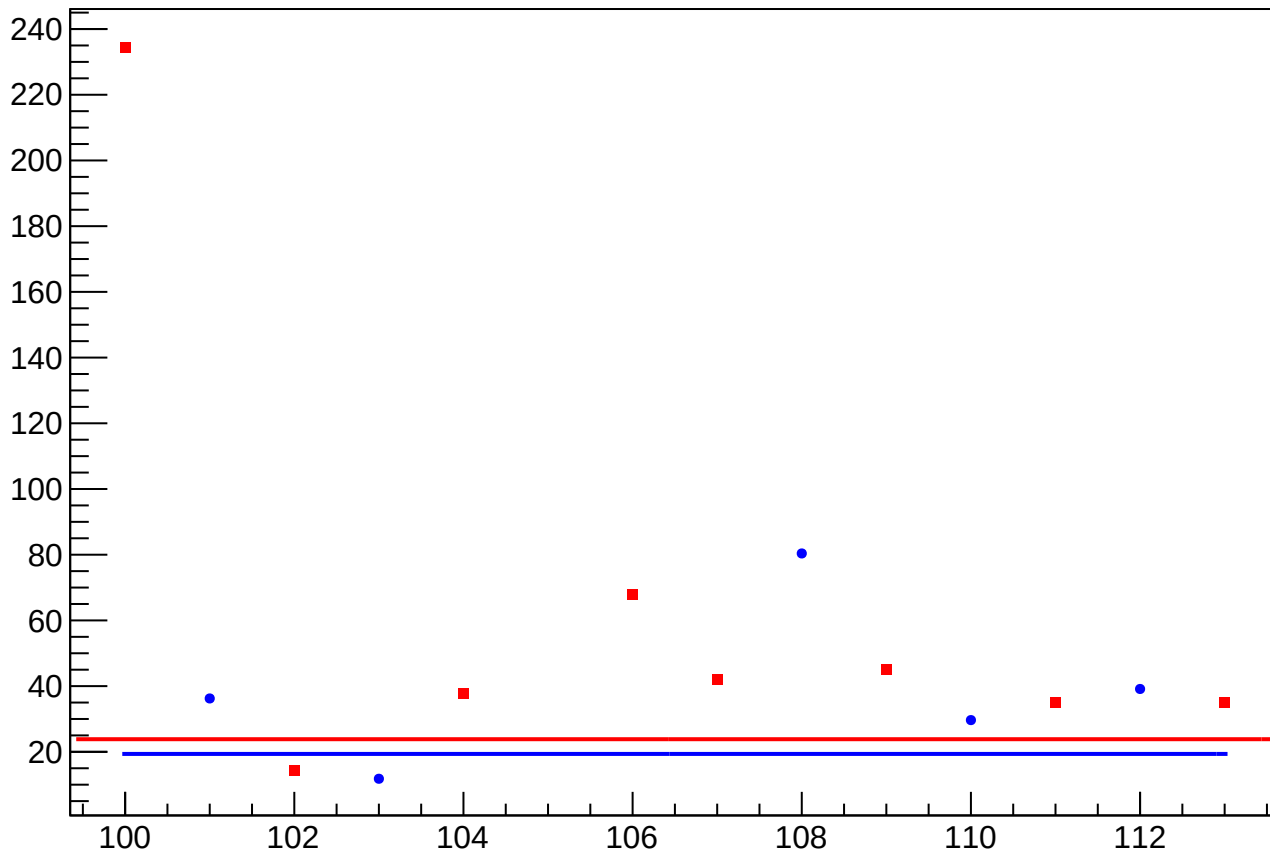
Right: -0.023 $\pm$ 0.012 χ^2 /NDF: 8.0/12

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: -0.023 $\pm$ 0.012 χ^2 /NDF: 8.0/12

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: 23.843+/-0.012 χ^2/NDF : 1254168.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

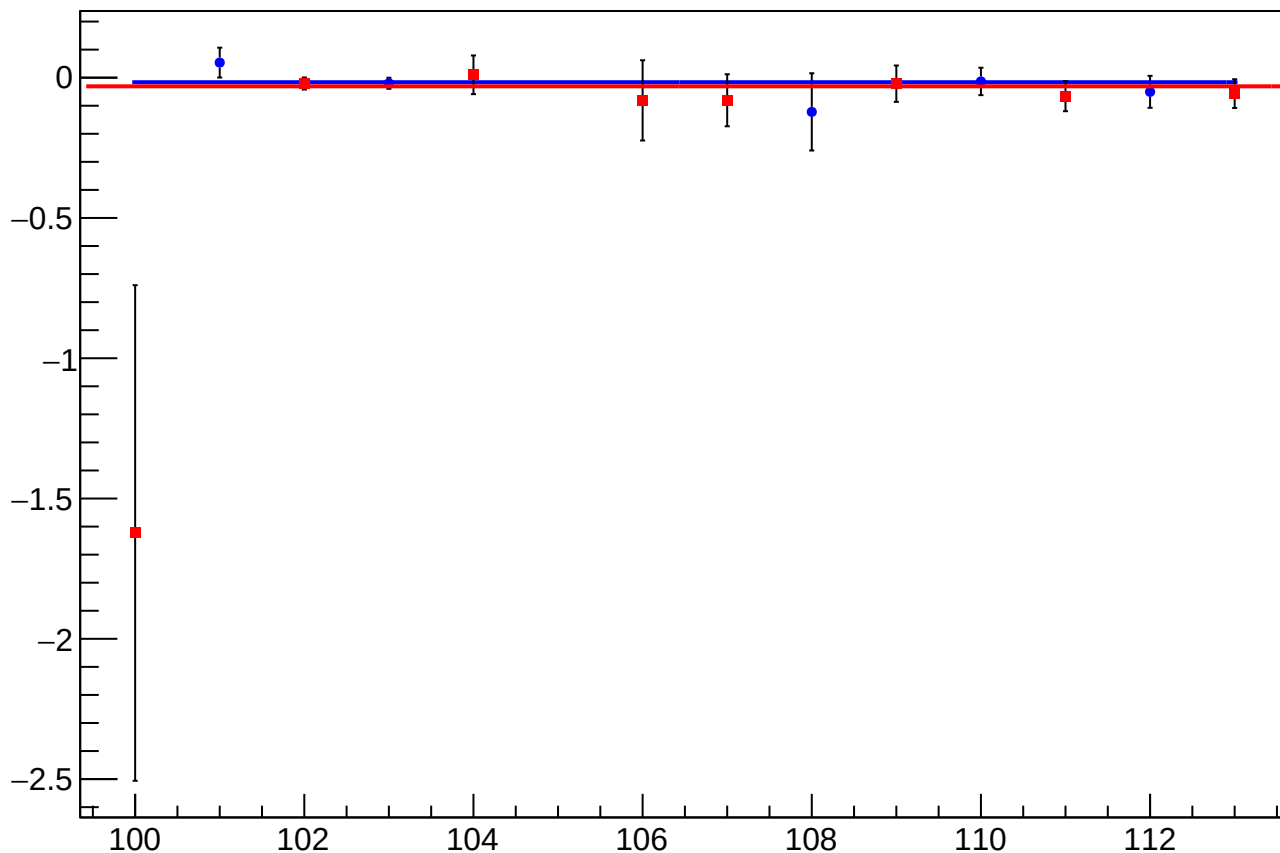
Right: 21.533+/-0.008 χ^2/NDF : 2547450.9/12

In: 19.362+/-0.012 χ^2/NDF : 1220777.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.533+/-0.008 χ^2/NDF : 2547450.9/12

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: -0.031 $\pm$ 0.017 χ^2 /NDF: 4.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

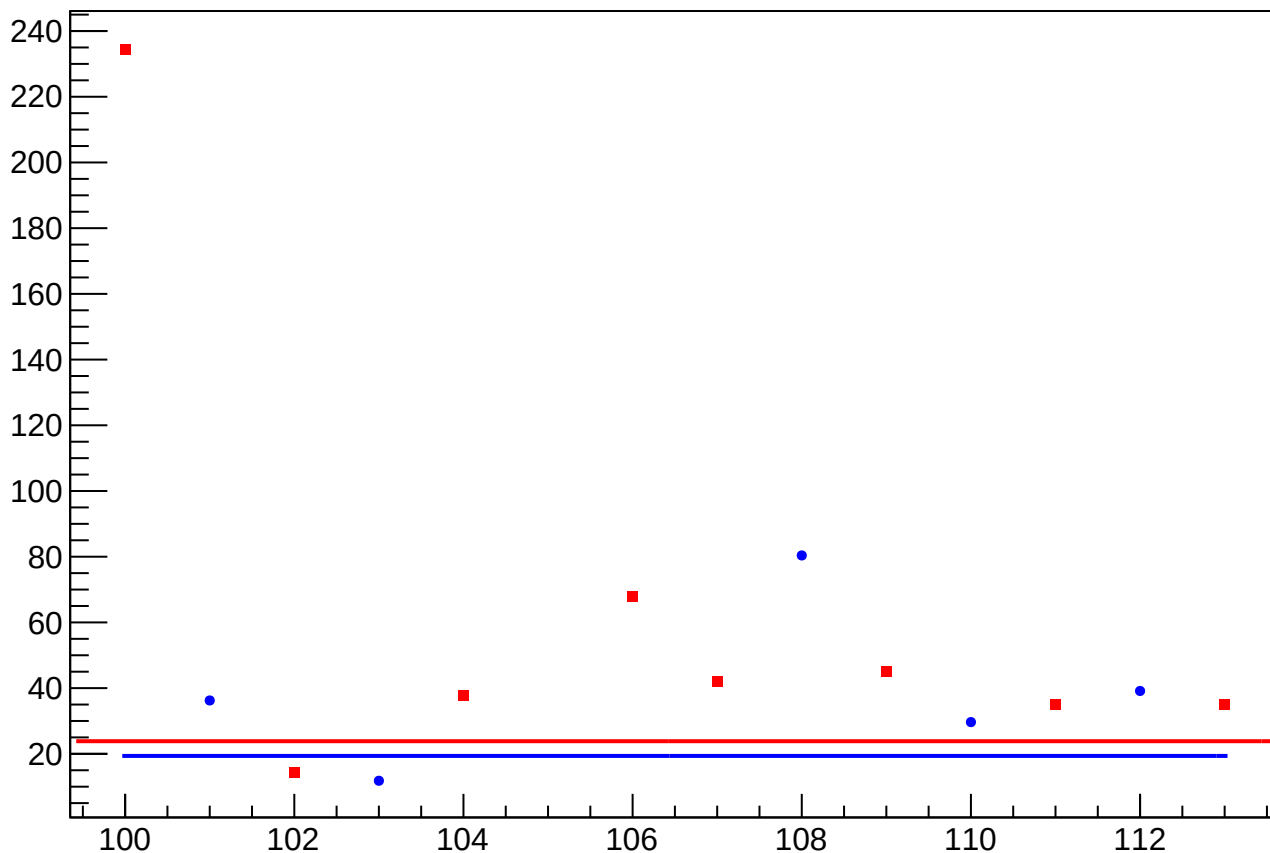
Right: -0.023 $\pm$ 0.012 χ^2 /NDF: 8.0/12

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: -0.023 $\pm$ 0.012 χ^2 /NDF: 8.0/12

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: 23.843+/-0.012 χ^2/NDF : 1254168.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

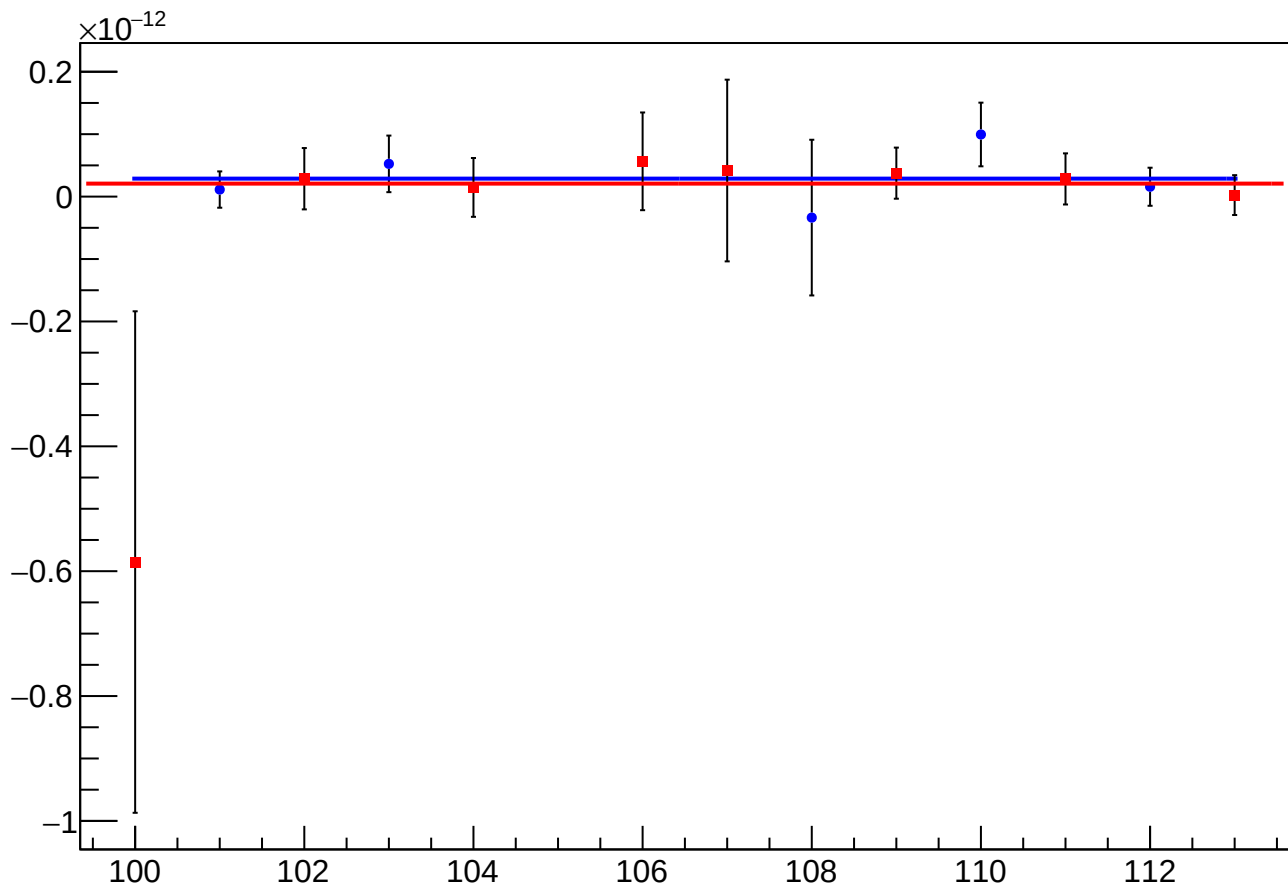
Right: 21.533+/-0.008 χ^2/NDF : 2547450.9/12

In: 19.362+/-0.012 χ^2/NDF : 1220777.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.533+/-0.008 χ^2/NDF : 2547450.9/12

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 : 3.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

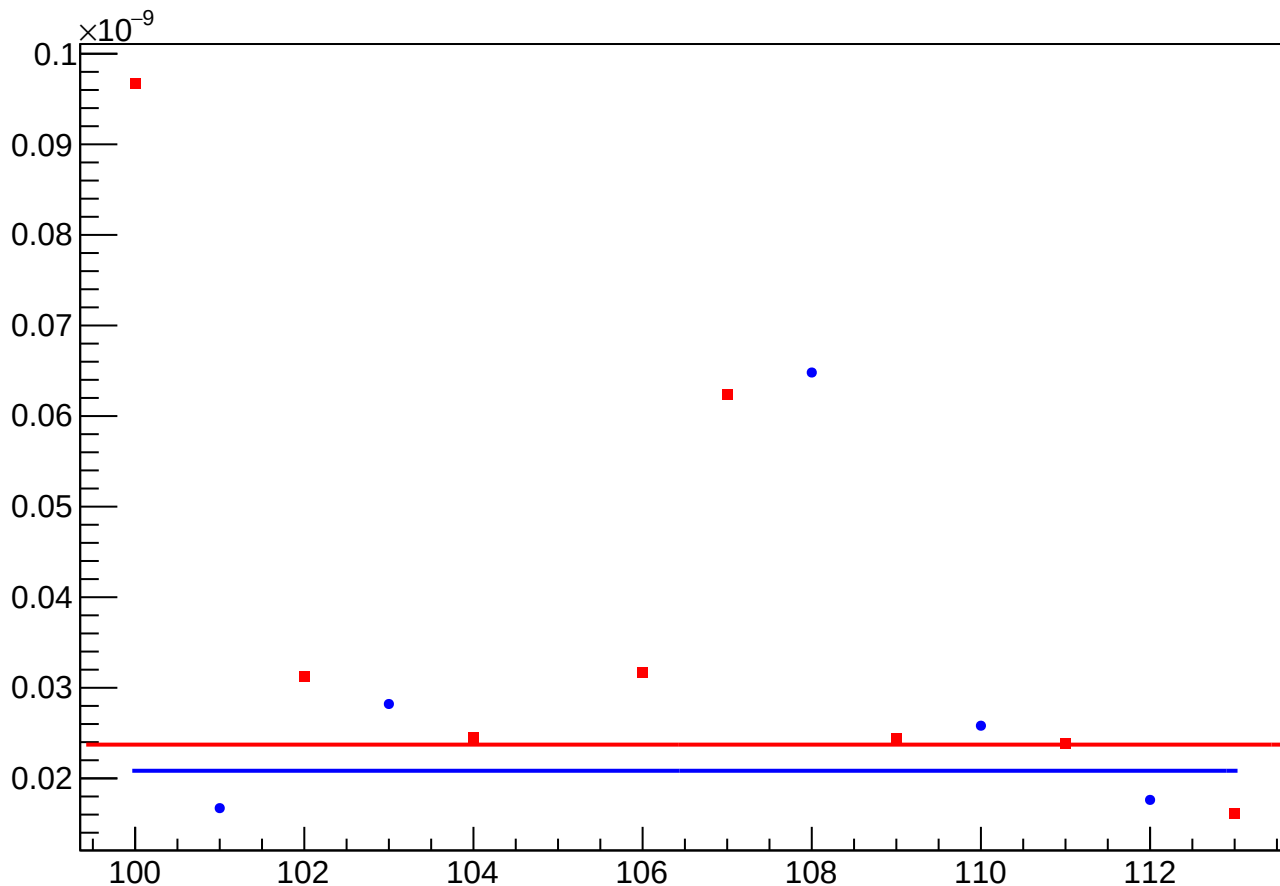
Right: 0.000+/-0.000 χ^2/NDF : 6.2/12

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 : 6.2/12

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 : 389467.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

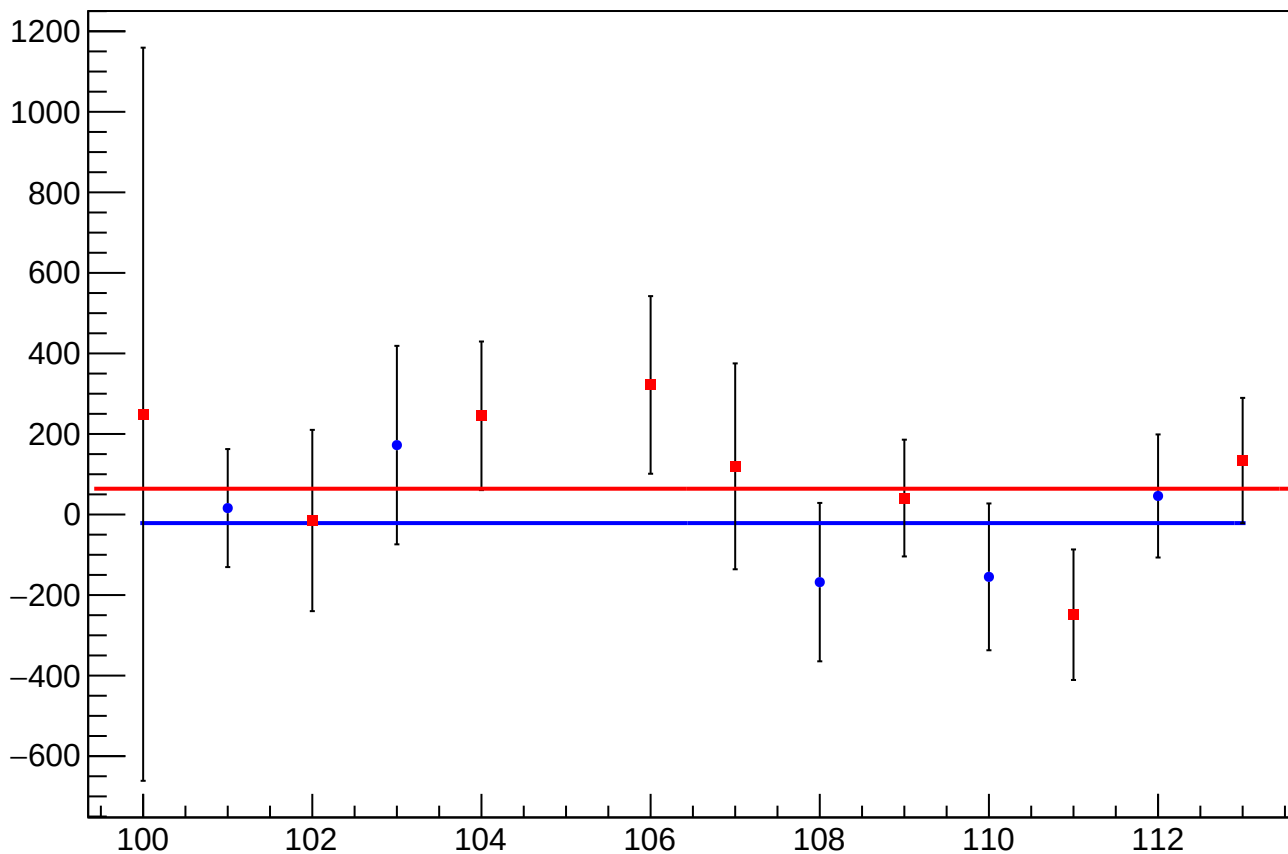
Right: 0.000+/-0.000 χ^2/NDF : 799427.5/12

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 : 799427.5/12

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: 64.056 ± 68.502 χ^2/NDF : 6.5/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

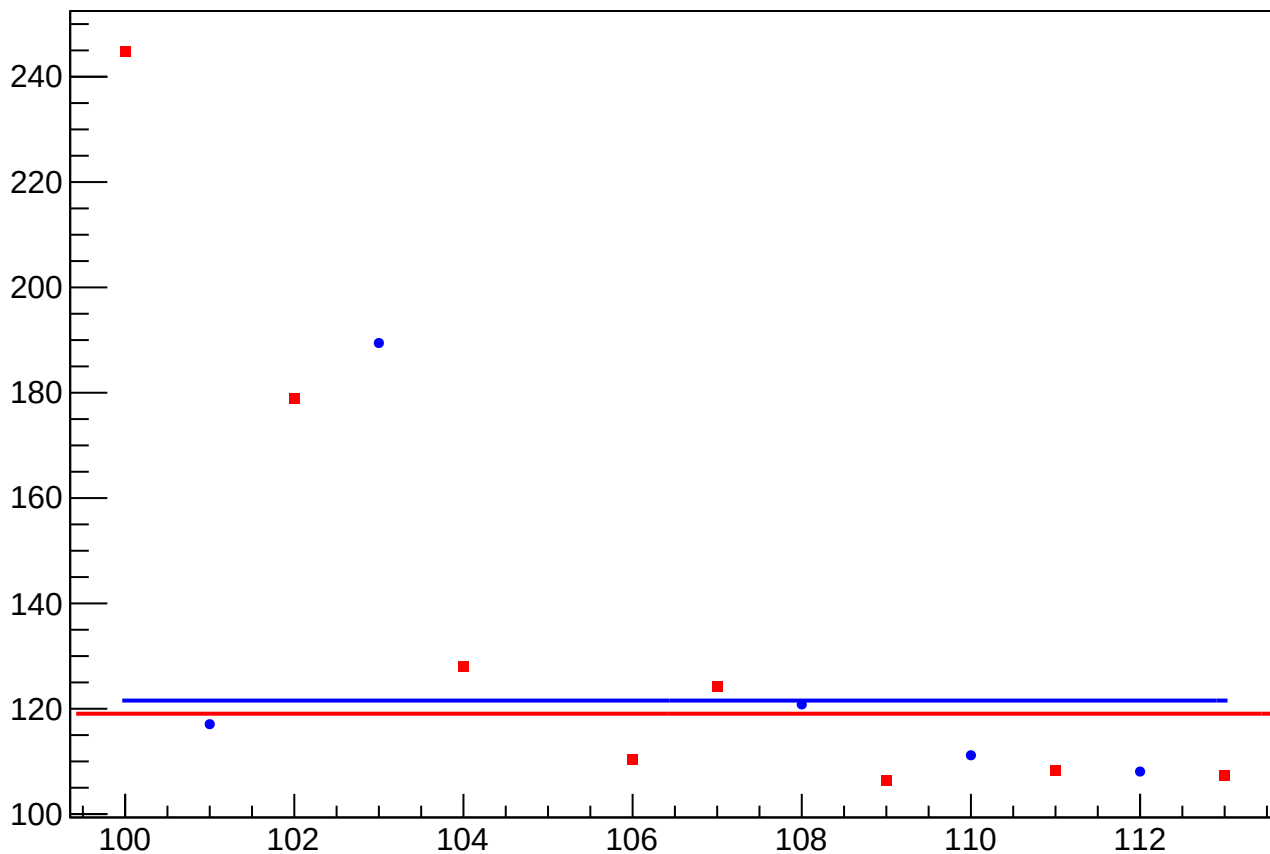
Right: 27.217 ± 51.646 χ^2/NDF : 9.1/12

In: -21.304 ± 78.616 χ^2/NDF : 2.0/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 27.217 ± 51.646 χ^2/NDF : 9.1/12

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: 119.058+/-0.048 χ^2/NDF : 223910.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

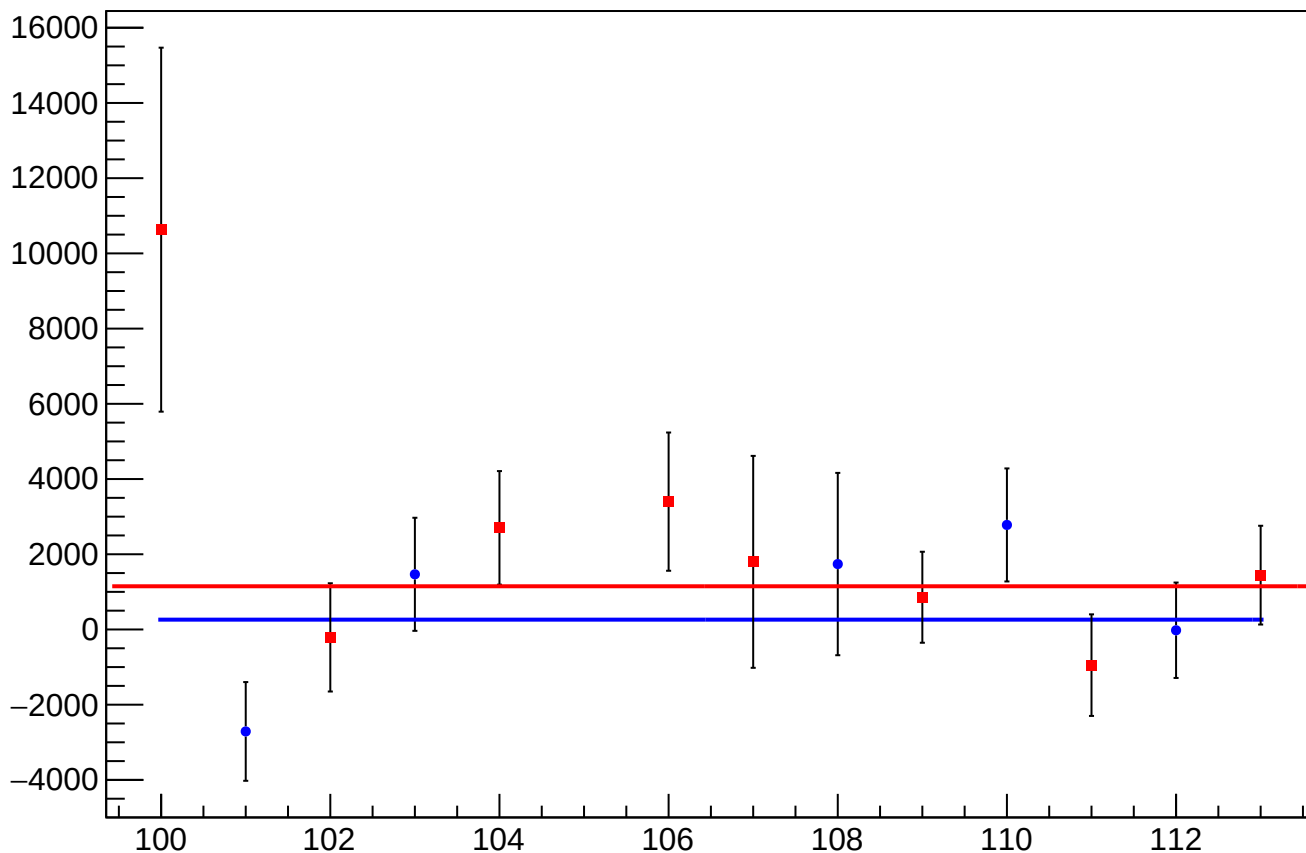
Right: 120.136+/-0.037 χ^2/NDF : 400788.9/12

In: 121.556+/-0.056 χ^2/NDF : 175731.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.136+/-0.037 χ^2/NDF : 400788.9/12

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: 1148.723+/-559.230 χ^2/NDF : 9.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

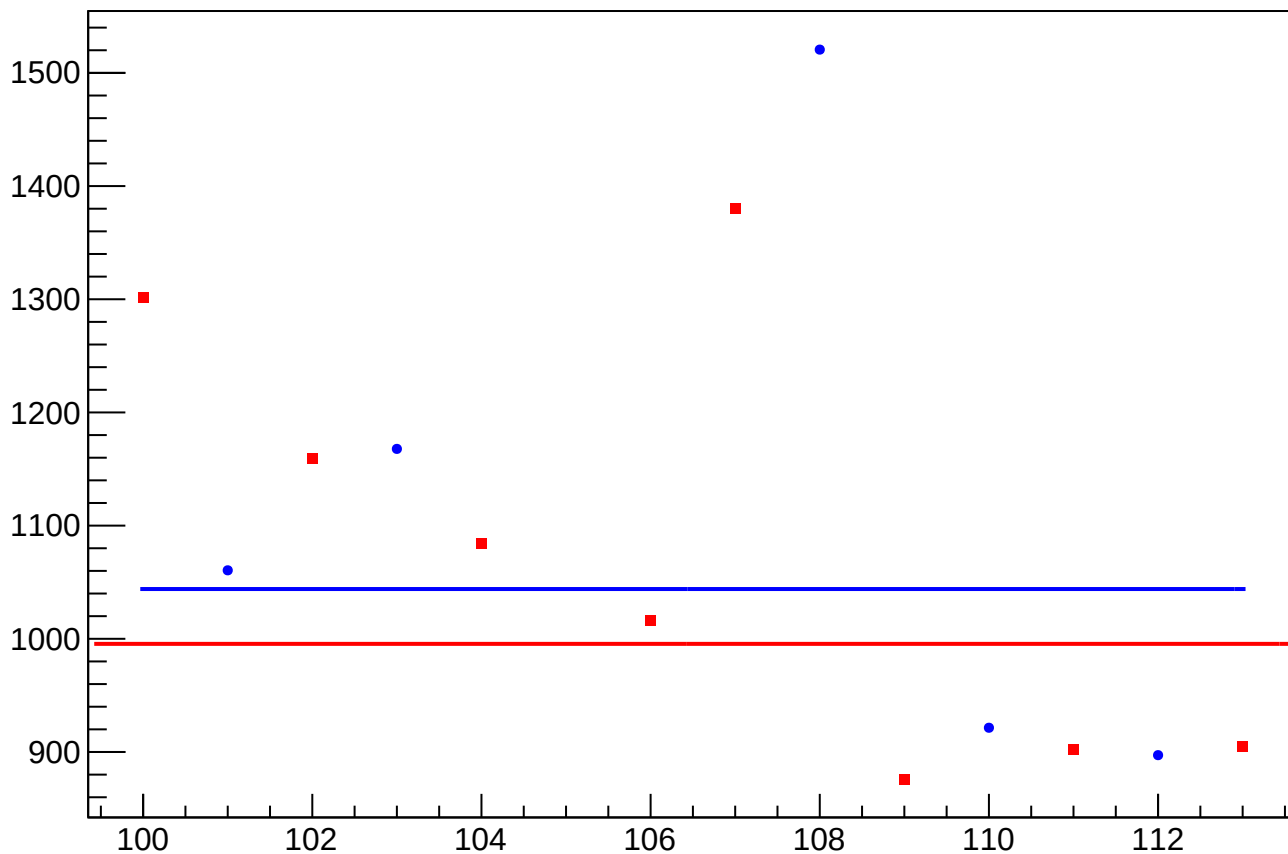
Right: 781.428+/-428.159 χ^2/NDF : 19.9/12

In: 261.156+/-665.576 χ^2/NDF : 9.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 781.428+/-428.159 χ^2/NDF : 19.9/12

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: 995.526+/-0.395 χ^2/NDF : 117203.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

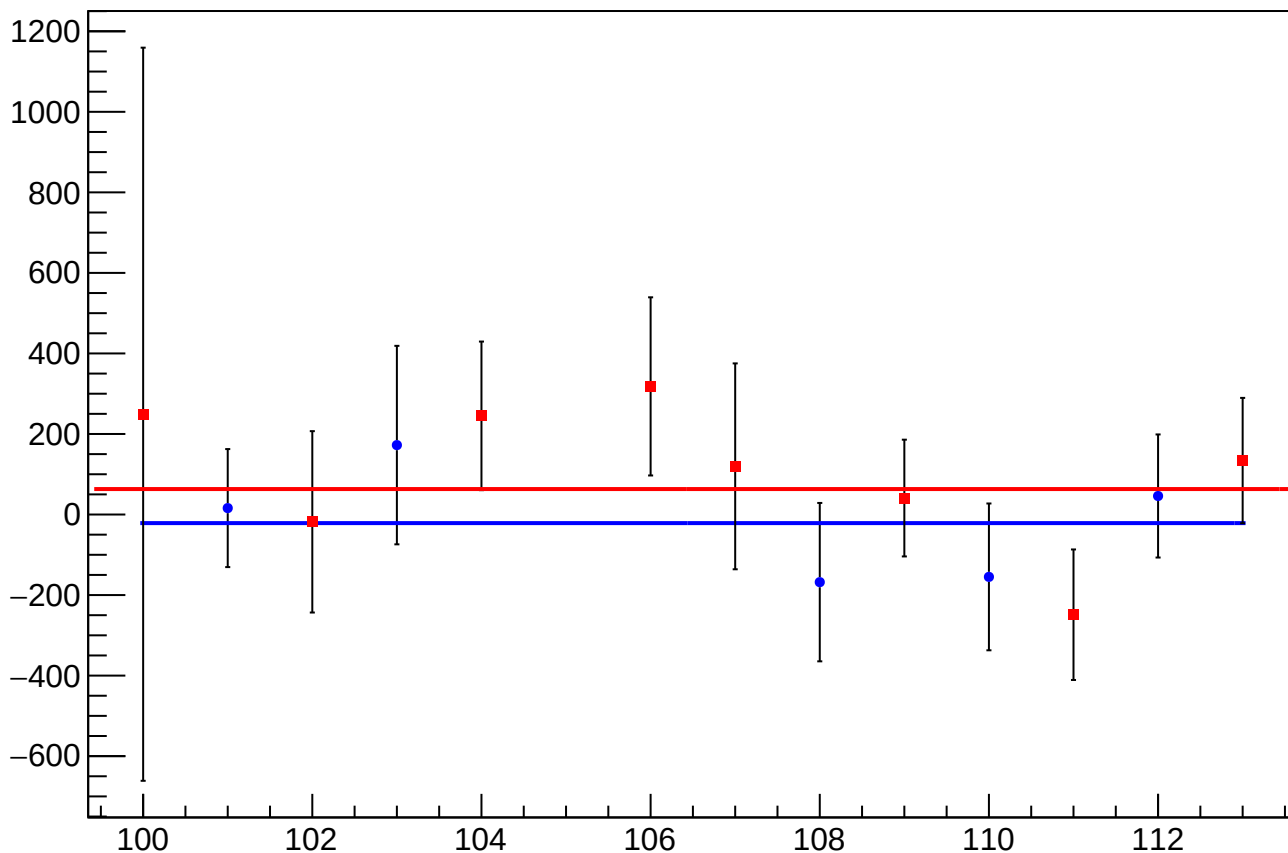
Right: 1015.576+/-0.303 χ^2/NDF : 254694.9/12

In: 1043.976+/-0.471 χ^2/NDF : 131278.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1015.576+/-0.303 χ^2/NDF : 254694.9/12

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: 63.245+/-68.526 χ^2/NDF : 6.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

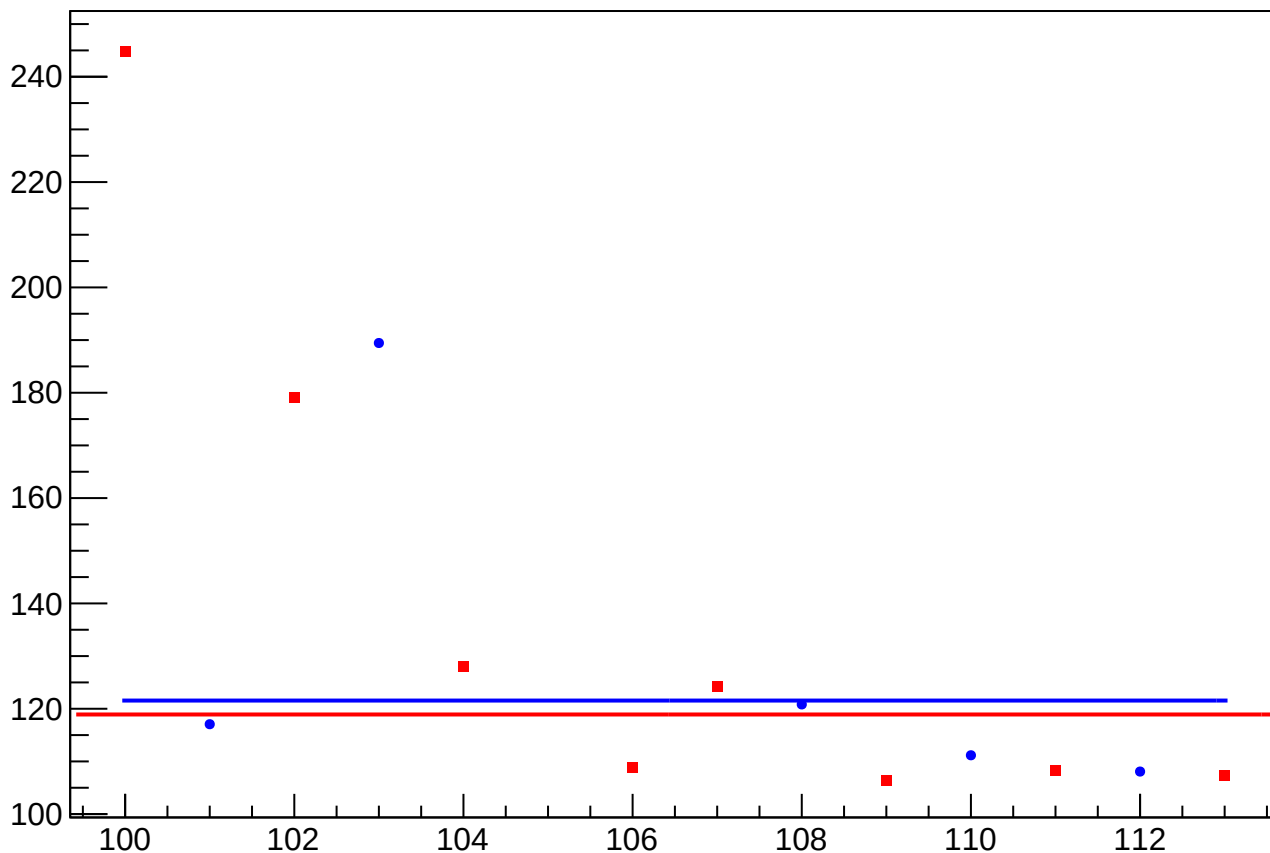
Right: 26.734+/-51.657 χ^2/NDF : 9.1/12

In: -21.321+/-78.616 χ^2/NDF : 2.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.734+/-51.657 χ^2/NDF : 9.1/12

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: 118.912+/-0.048 χ^2/NDF : 225359.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

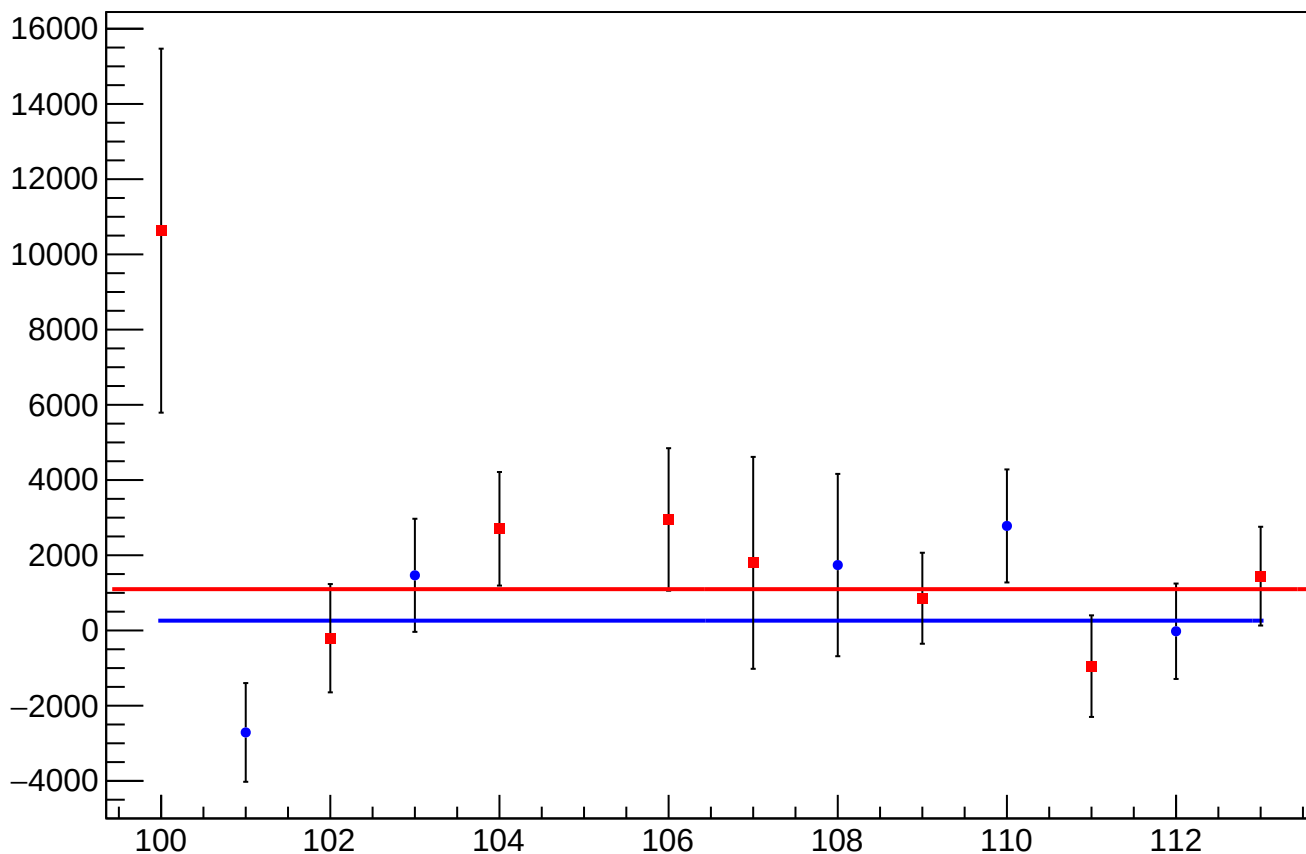
Right: 120.054+/-0.037 χ^2/NDF : 402379.1/12

In: 121.556+/-0.056 χ^2/NDF : 175734.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.054+/-0.037 χ^2/NDF : 402379.1/12

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: 1098.453+/-560.804 χ^2/NDF : 9.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

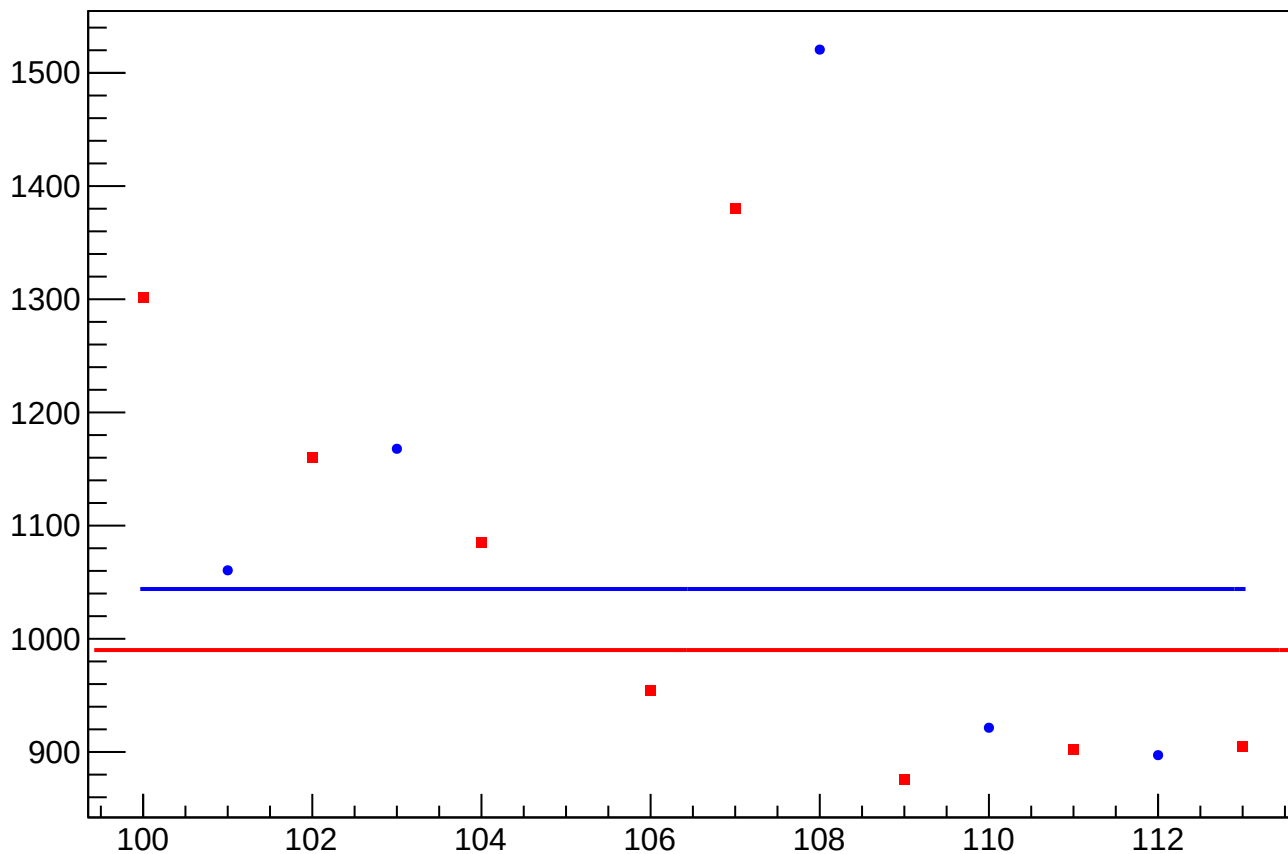
Right: 750.778+/-428.867 χ^2/NDF : 19.2/12

In: 261.043+/-665.587 χ^2/NDF : 9.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 750.778+/-428.867 χ^2/NDF : 19.2/12

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: 990.059+/-0.397 χ^2/NDF : 117890.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

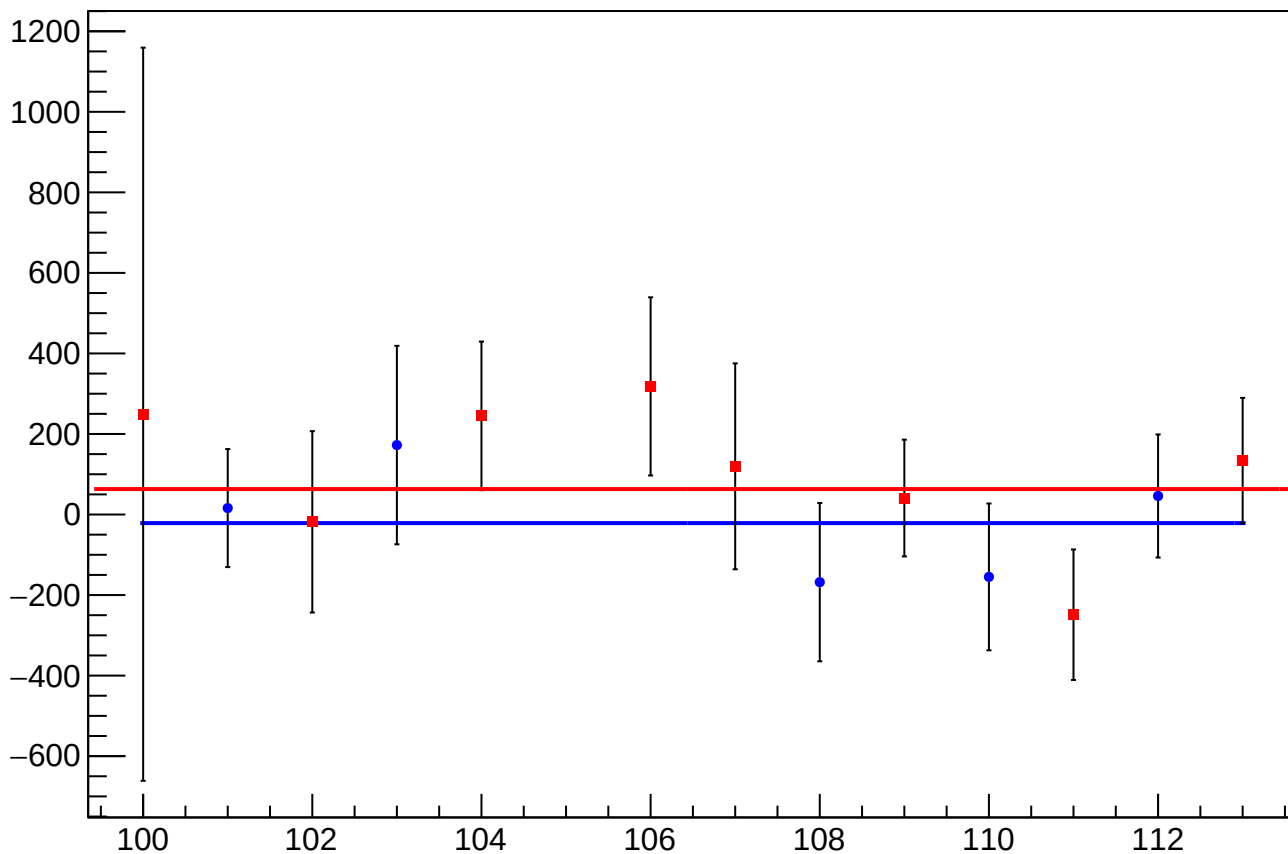
Right: 1012.451+/-0.303 χ^2/NDF : 256869.4/12

In: 1043.992+/-0.471 χ^2/NDF : 131298.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1012.451+/-0.303 χ^2/NDF : 256869.4/12

eigen_cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -21.321 $\pm$ 78.616 χ^2 /NDF: 2.0/4

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 63.245 $\pm$ -68.526 χ^2 /NDF: 6.5/7

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

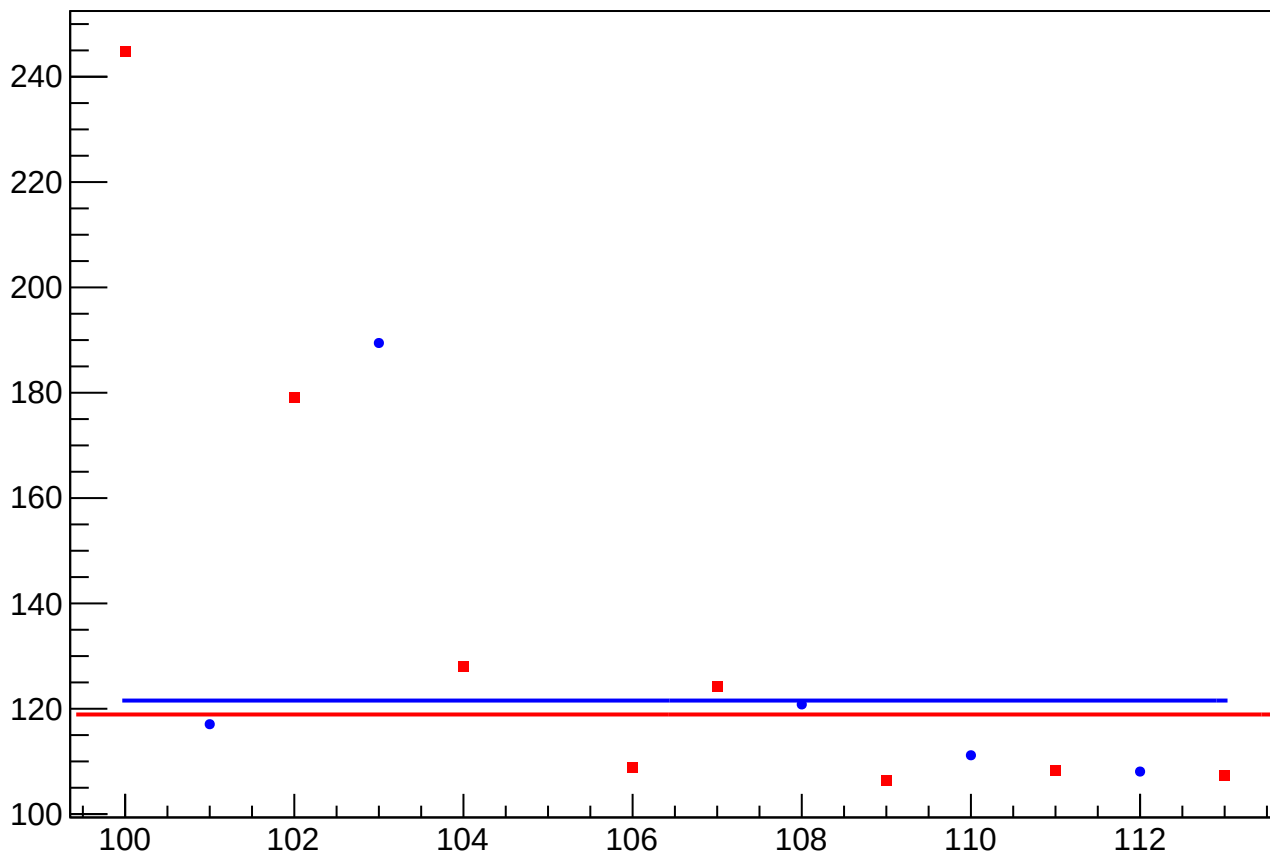
Right: 26.734 $\pm$ -51.657 χ^2 /NDF: 9.1/12

In: -21.321 $\pm$ -78.616 χ^2 /NDF:2.0/4

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 26.734 $\pm$ -51.657 χ^2 /NDF: 9.1/12

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: 118.912+/-0.048 χ^2/NDF : 225359.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

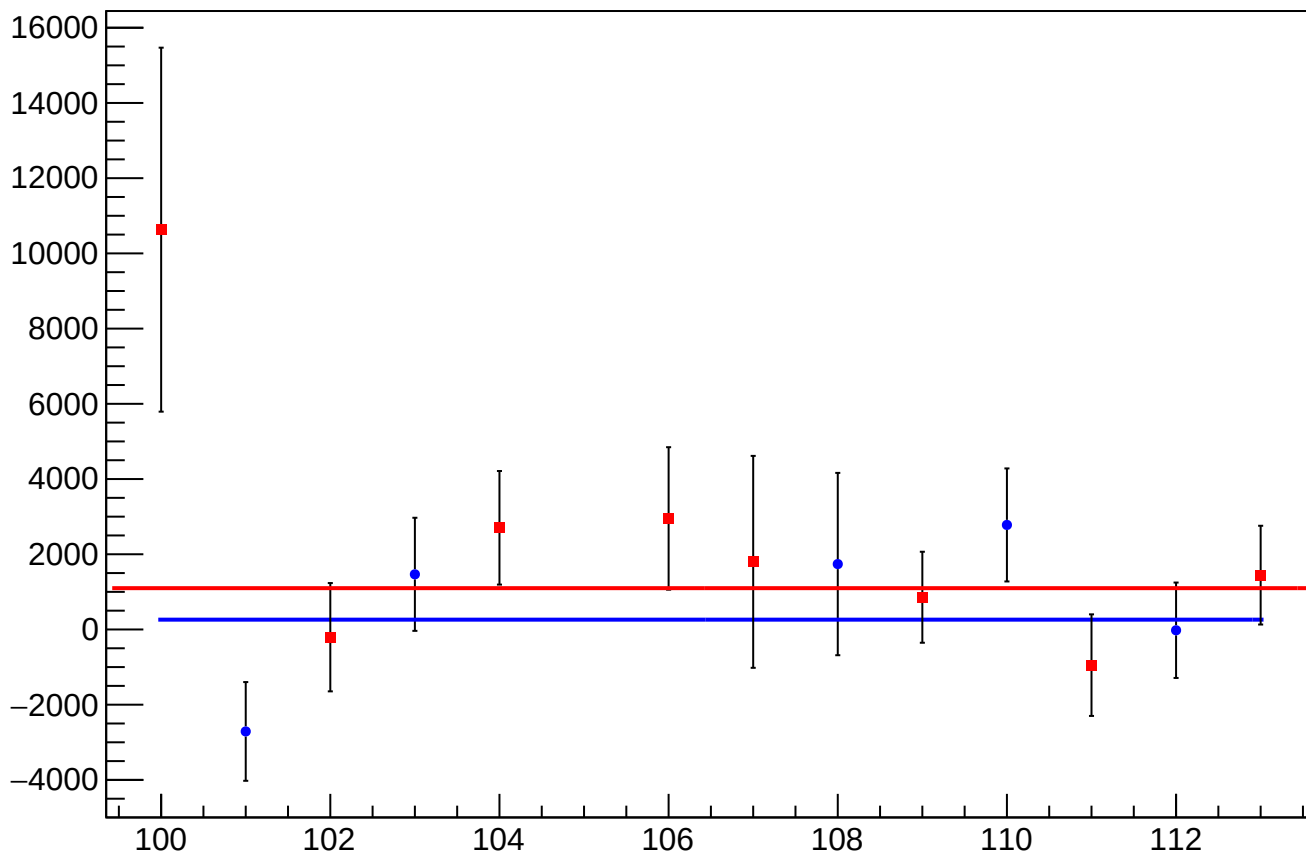
Right: 120.054+/-0.037 χ^2/NDF : 402379.1/12

In: 121.556+/-0.056 χ^2/NDF : 175734.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.054+/-0.037 χ^2/NDF : 402379.1/12

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: 1098.453+/-560.804 χ^2/NDF : 9.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

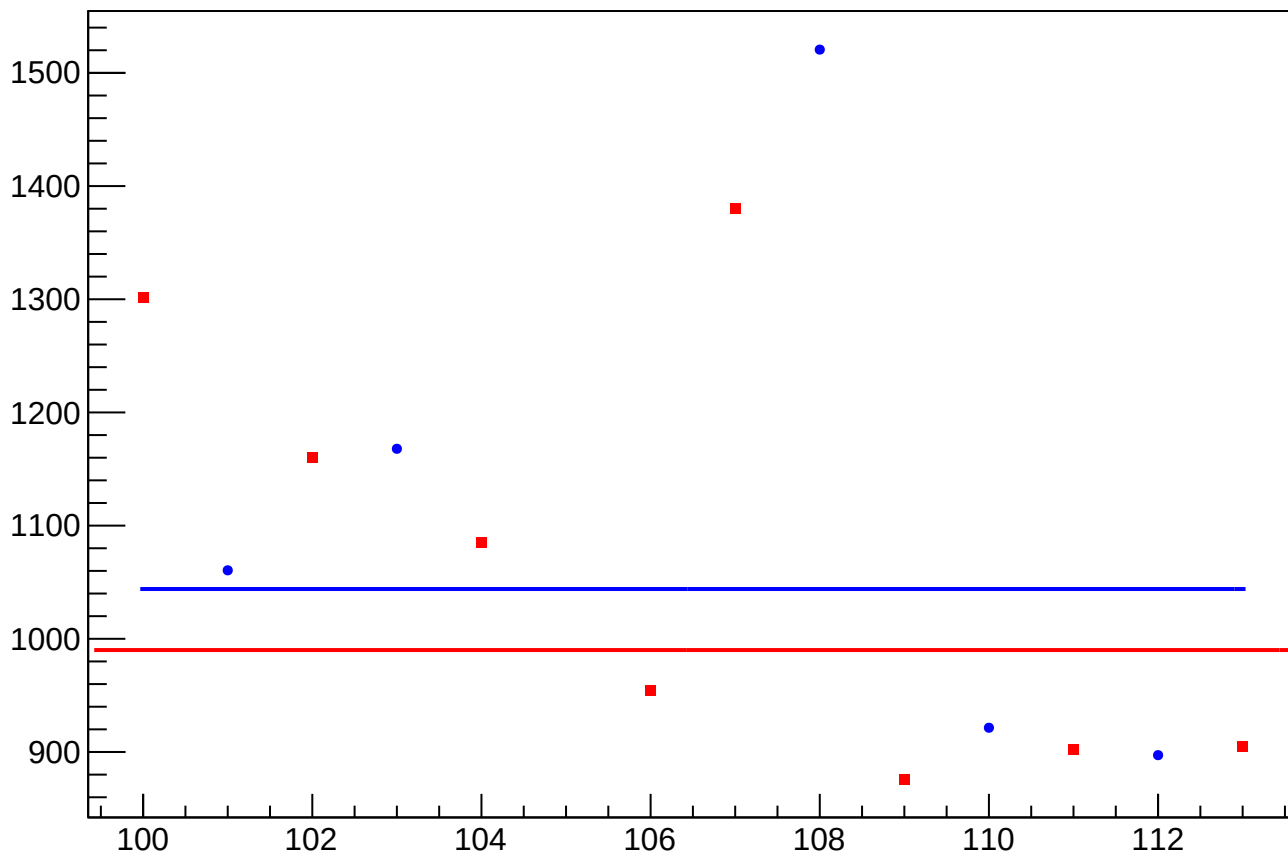
Right: 750.778+/-428.867 χ^2/NDF : 19.2/12

In: 261.043+/-665.587 χ^2/NDF : 9.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 750.778+/-428.867 χ^2/NDF : 19.2/12

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: 990.059+/-0.397 χ^2/NDF : 117890.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

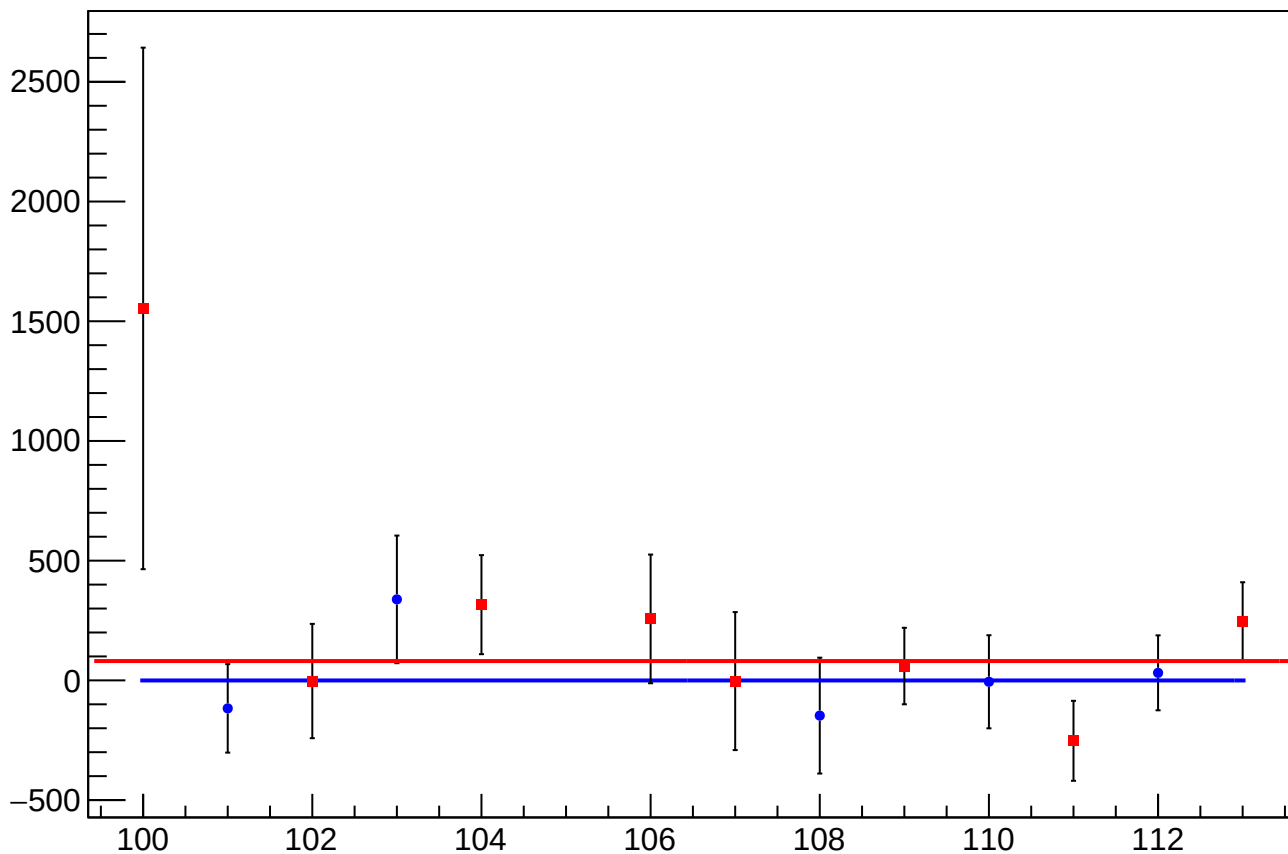
Right: 1012.451+/-0.303 χ^2/NDF : 256869.4/12

In: 1043.992+/-0.471 χ^2/NDF : 131298.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1012.451+/-0.303 χ^2/NDF : 256869.4/12

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: 80.743 ± 74.642 $\chi^2/\text{NDF}: 8.8/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

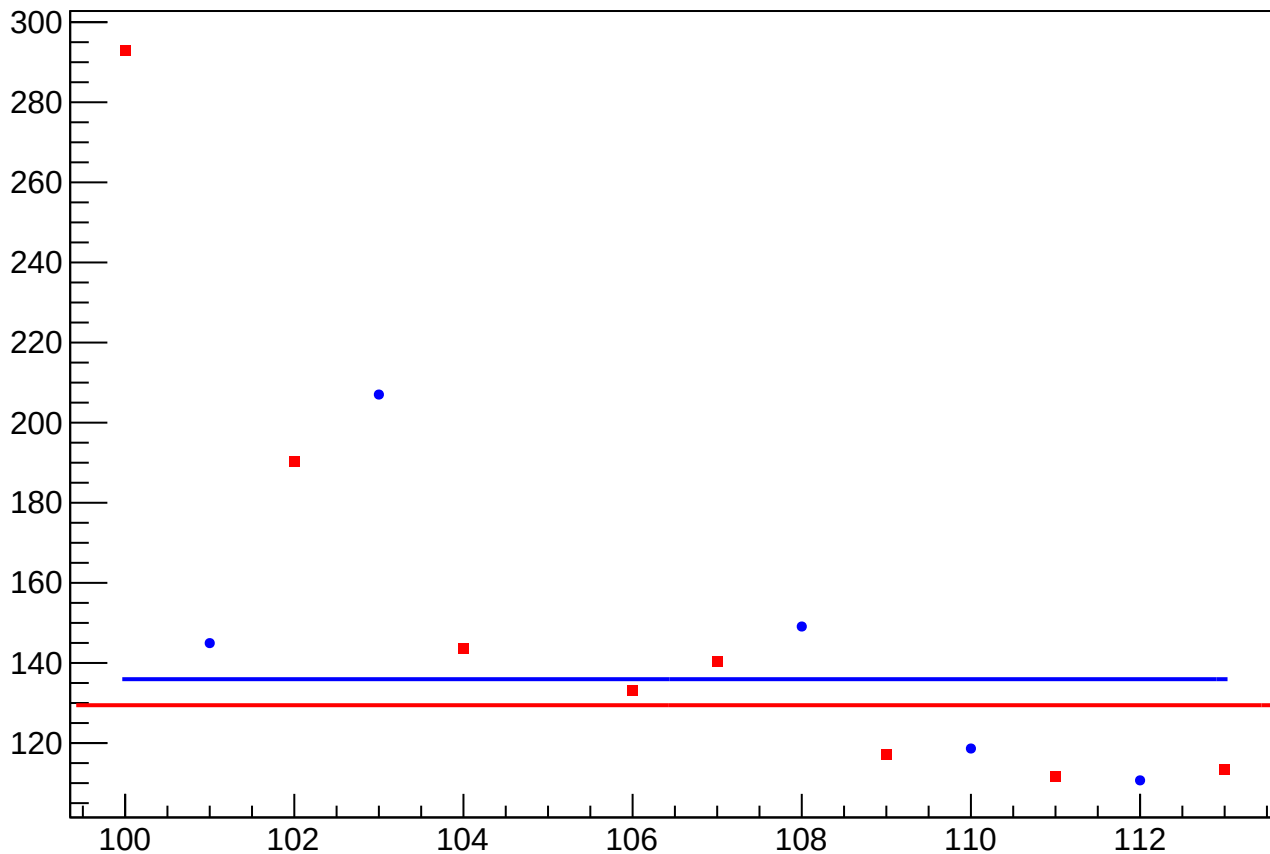
Right: 47.021 ± 57.056 $\chi^2/\text{NDF}: 11.7/12$

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: 47.021 ± 57.056 $\chi^2/\text{NDF}: 11.7/12$

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 135.949+/-0.063 χ^2/NDF : 220799.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.451+/-0.053 χ^2/NDF : 241285.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

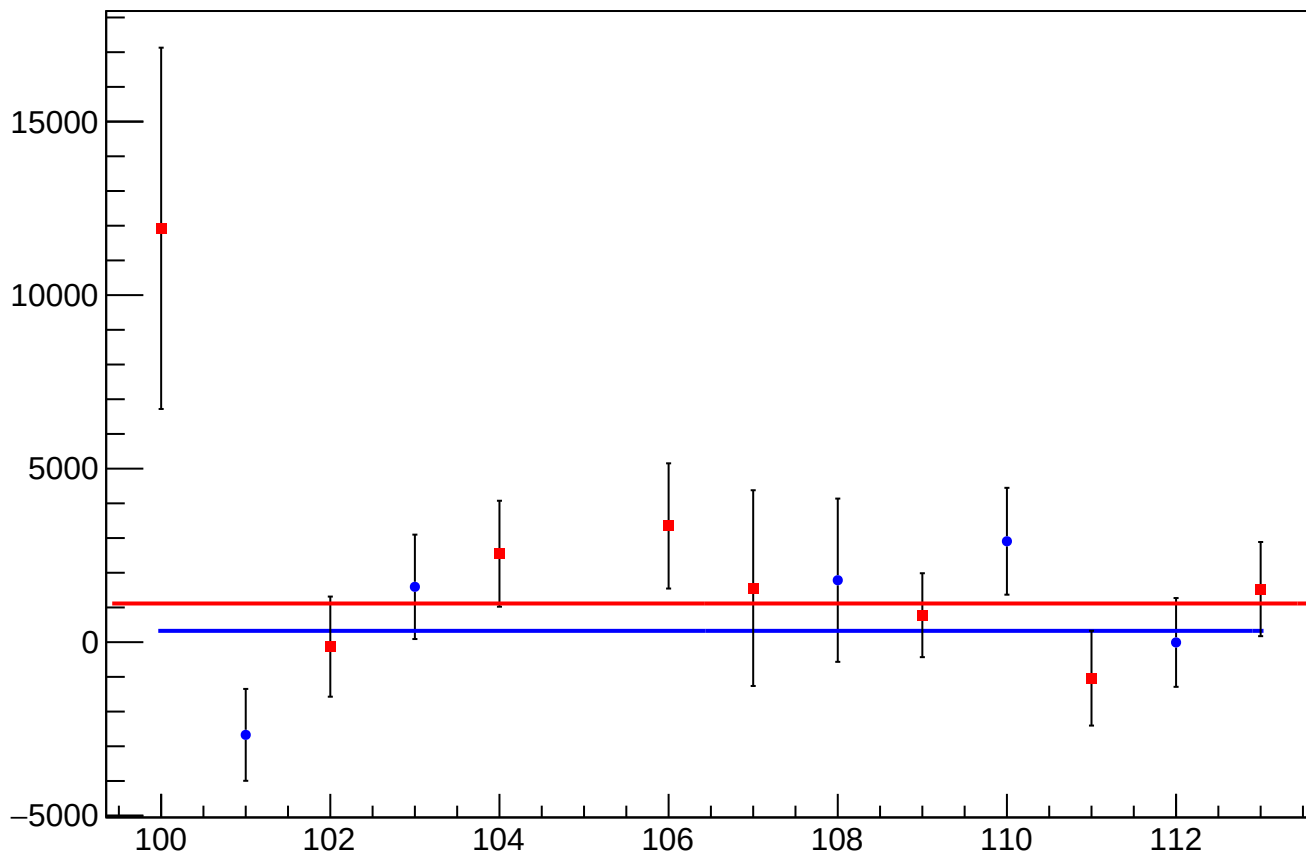
Right: 132.152+/-0.040 χ^2/NDF : 468385.8/12

In: 135.949+/-0.063 χ^2/NDF : 220799.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.152+/-0.040 χ^2/NDF : 468385.8/12

asym_sam_48_avg_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: 1114.303+/-564.018 χ^2/NDF : 10.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

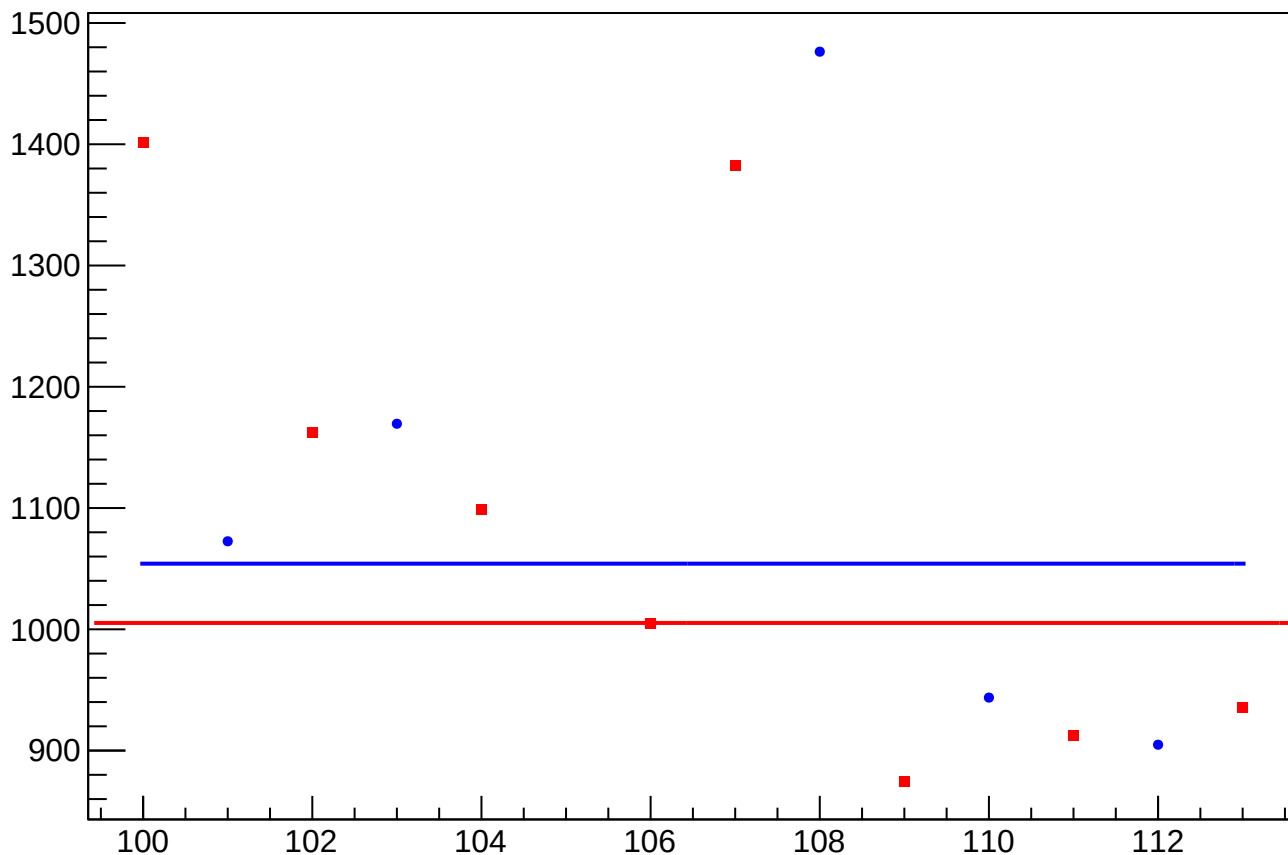
Right: 787.420+/-431.531 χ^2/NDF : 20.1/12

In: 325.910+/-670.173 χ^2/NDF : 9.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 787.420+/-431.531 χ^2/NDF : 20.1/12

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: 1005.238 $\pm$ 0.399 χ^2 /NDF: 116516.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

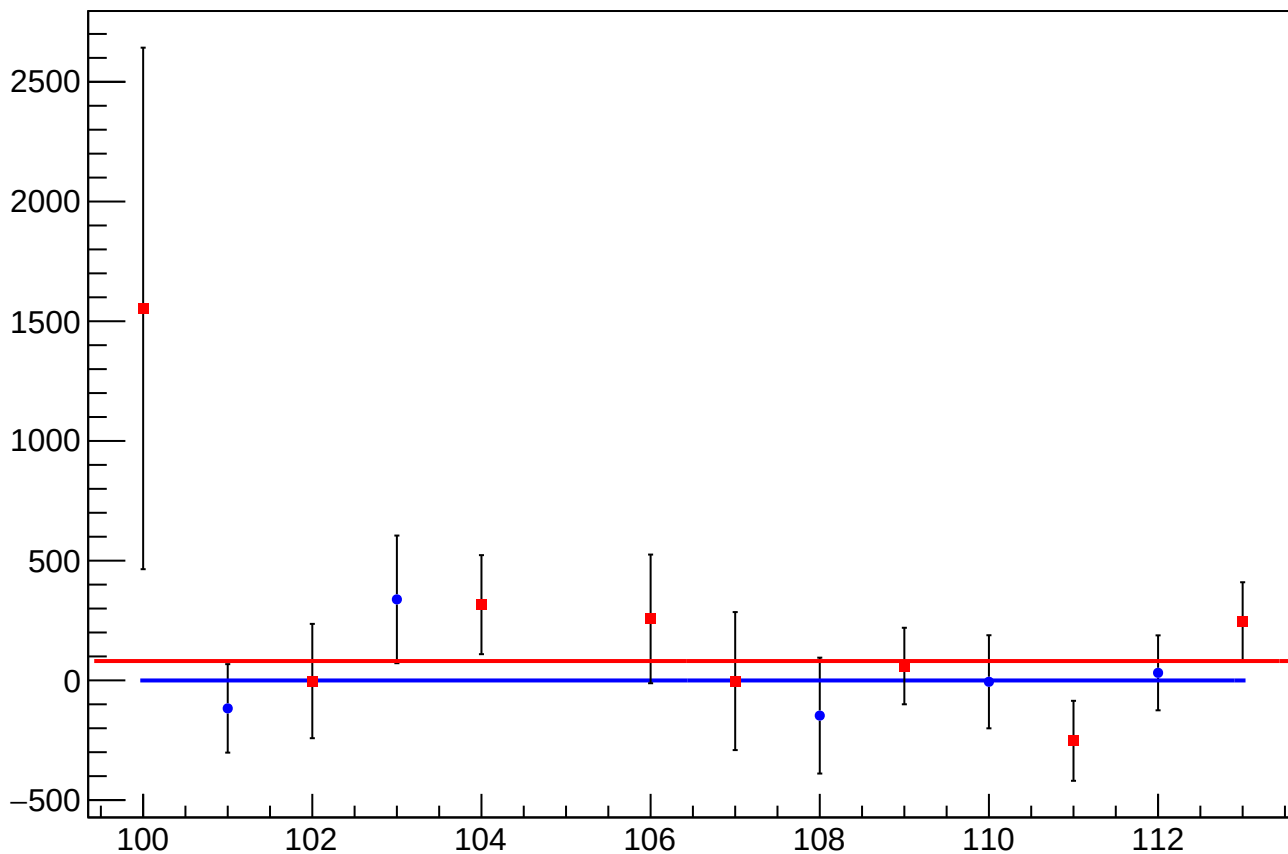
Right: 1025.514 $\pm$ 0.305 χ^2 /NDF: 236889.9/12

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: 1025.514 $\pm$ 0.305 χ^2 /NDF: 236889.9/12

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: 80.741 ± 74.642 $\chi^2/\text{NDF}: 8.8/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

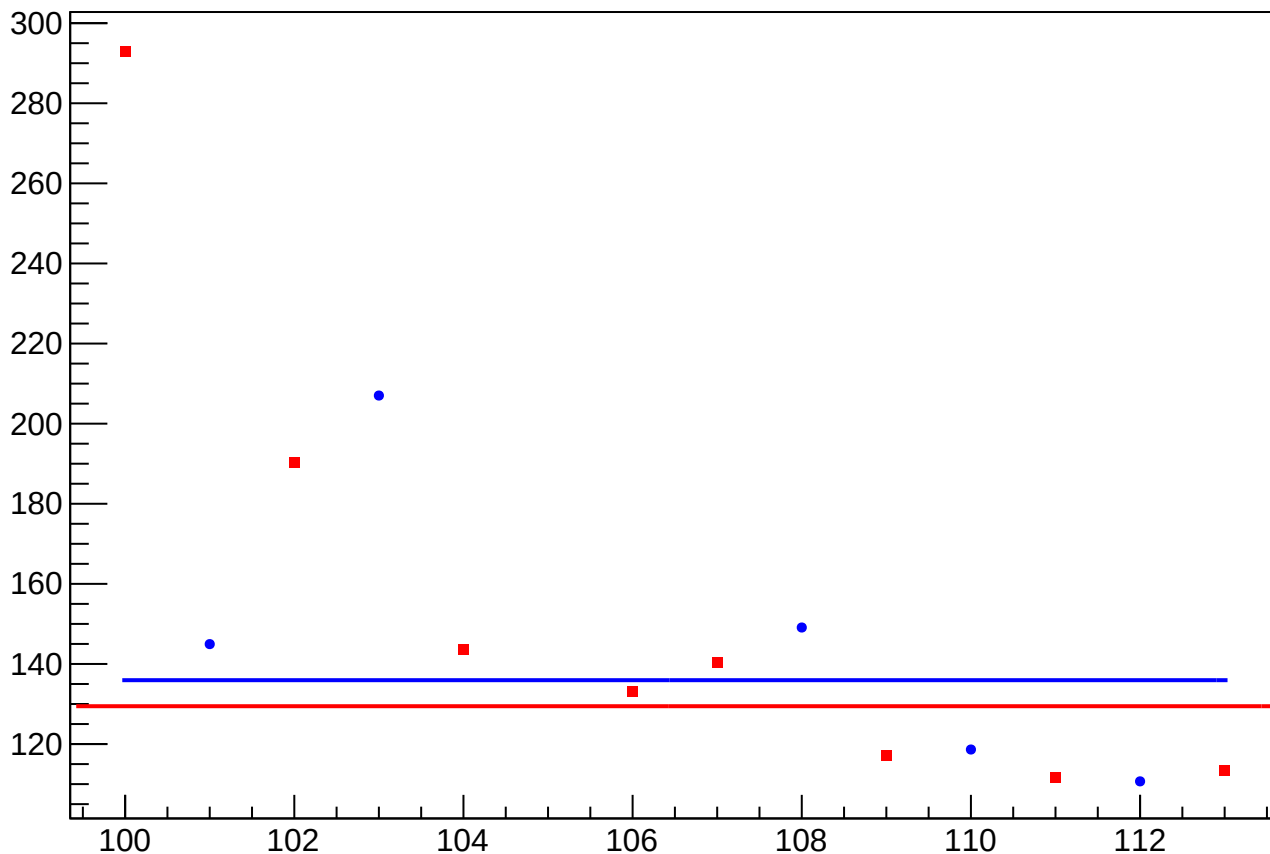
Right: 47.020 ± 57.056 $\chi^2/\text{NDF}: 11.7/12$

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: 47.020 ± 57.056 $\chi^2/\text{NDF}: 11.7/12$

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: 129.451+/-0.053 χ^2/NDF : 241287.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

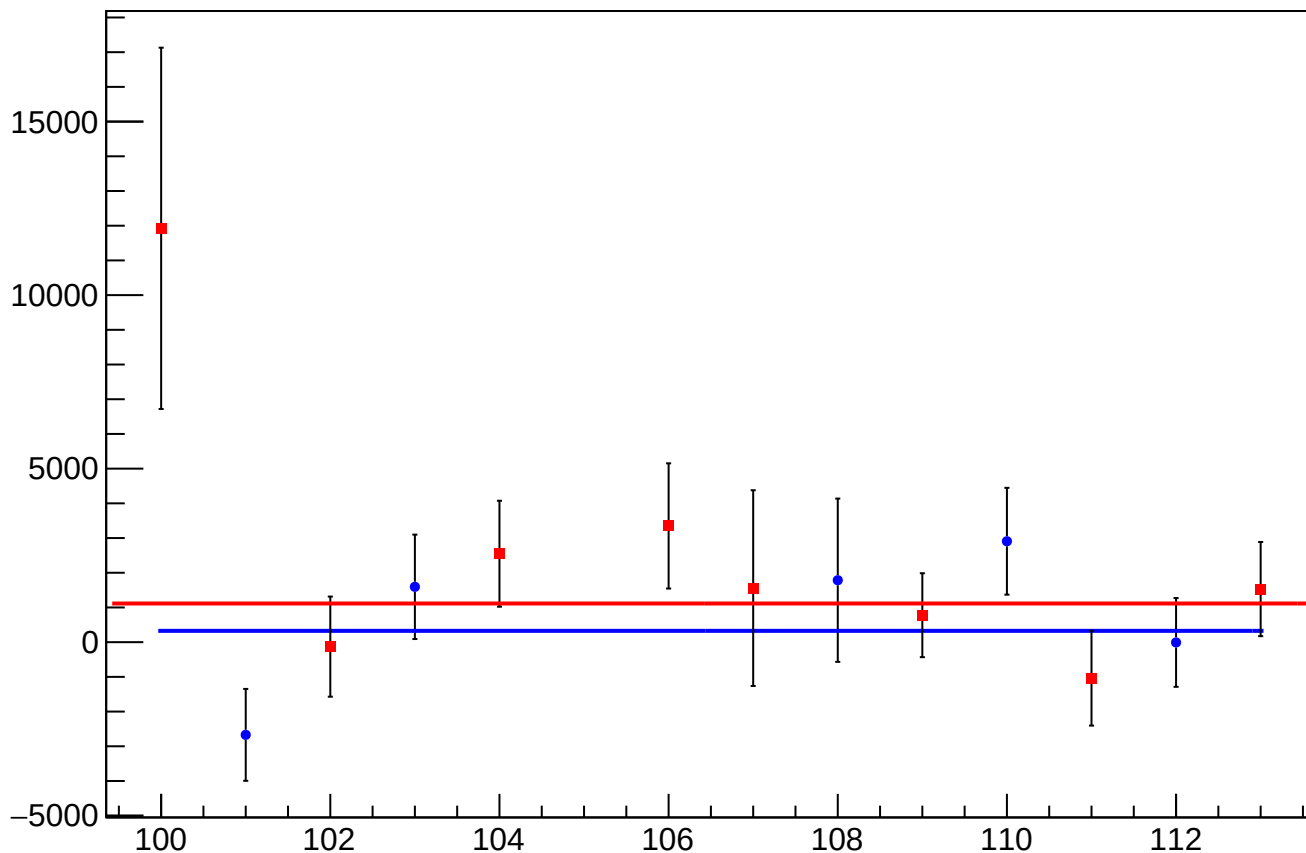
Right: 132.152+/-0.040 χ^2/NDF : 468391.5/12

In: 135.949+/-0.063 χ^2/NDF : 220802.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.152+/-0.040 χ^2/NDF : 468391.5/12

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: 1114.301+/-564.018 χ^2/NDF : 10.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

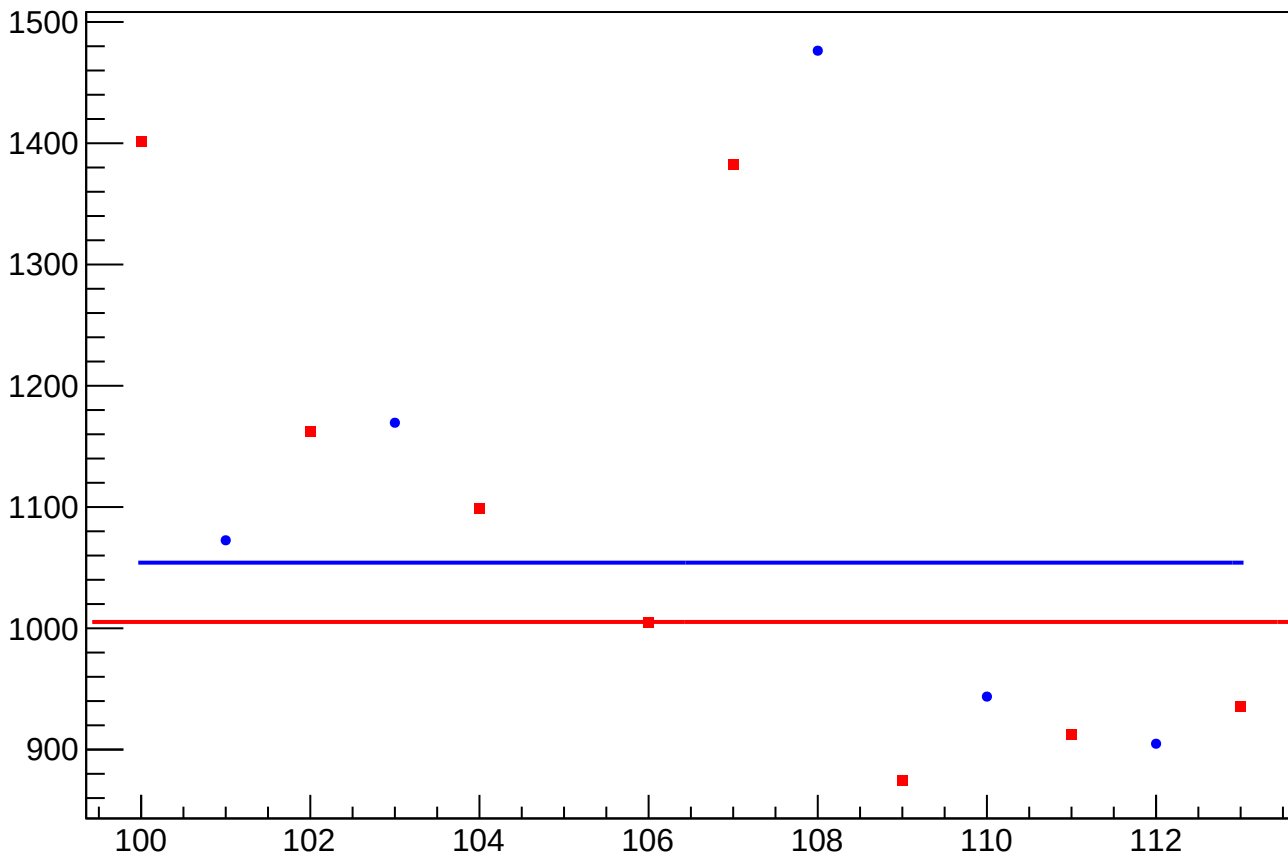
Right: 787.419+/-431.531 χ^2/NDF : 20.1/12

In: 325.910+/-670.173 χ^2/NDF : 9.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 787.419+/-431.531 χ^2/NDF : 20.1/12

asym_sam_48_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1054.141+/-0.474 χ^2/NDF : 114139.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1005.236+/-0.399 χ^2/NDF : 116517.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

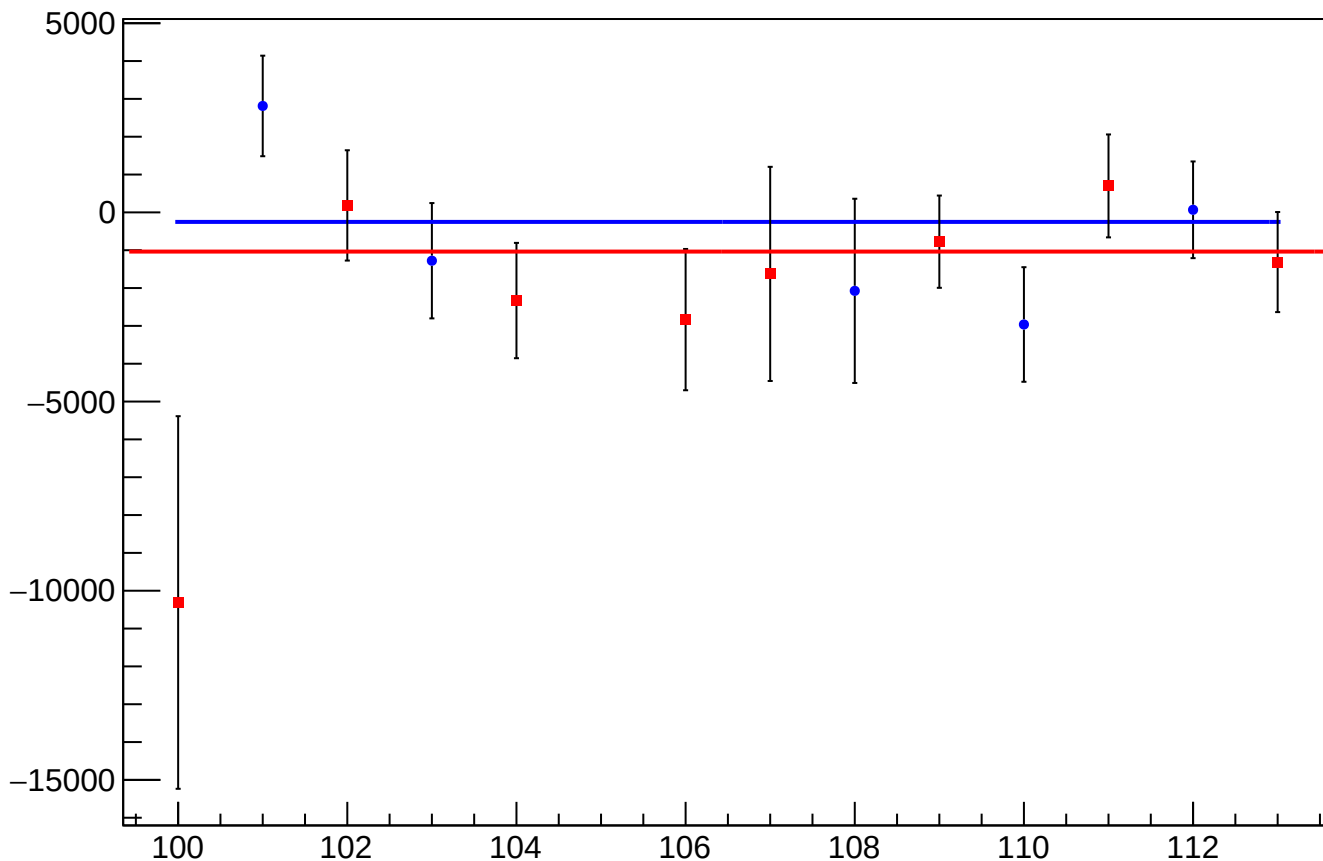
Right: 1025.513+/-0.305 χ^2/NDF : 236891.5/12

In: 1054.141+/-0.474 χ^2/NDF : 114139.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1025.513+/-0.305 χ^2/NDF : 236891.5/12

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: -1035.880+/-564.451 χ^2/NDF : 7.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

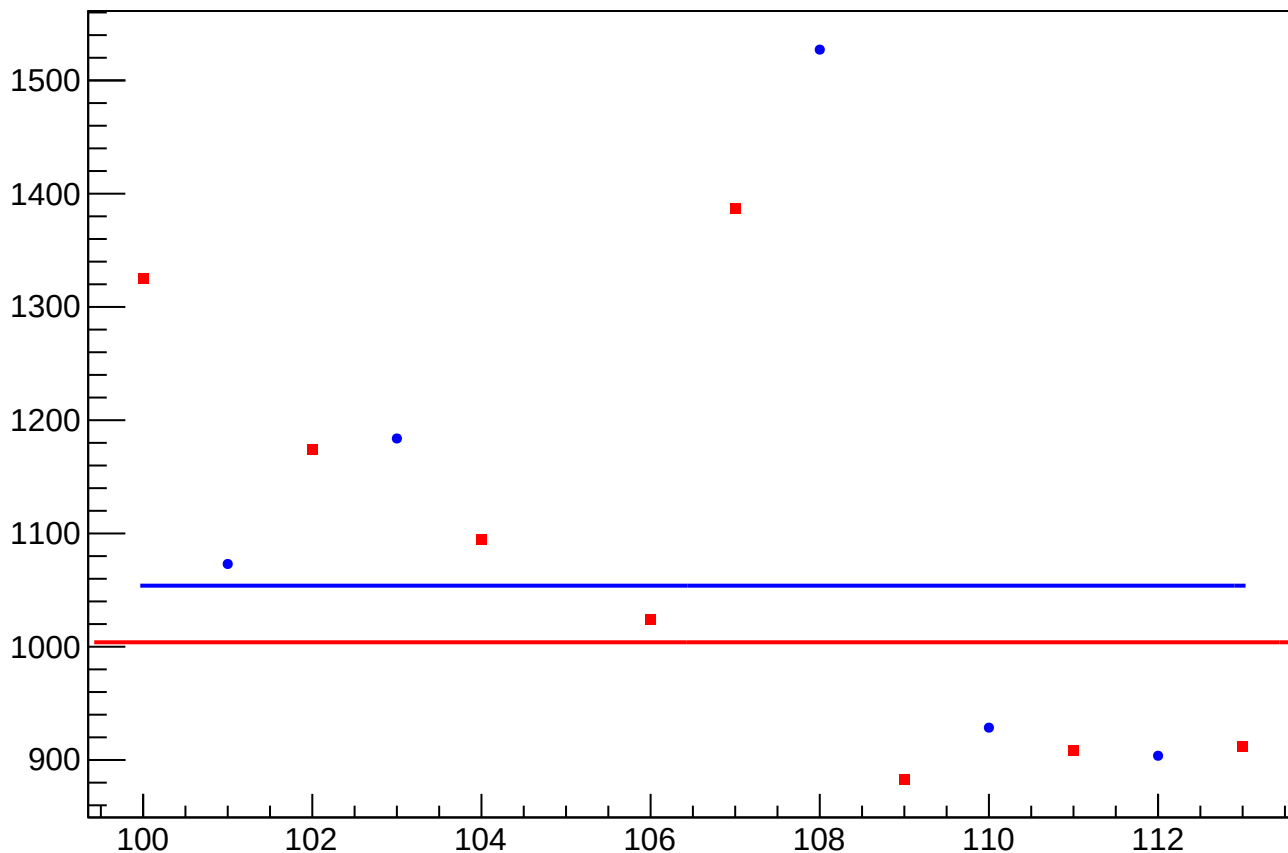
Right: -711.494+/-432.227 χ^2/NDF : 18.1/12

In: -251.640+/-672.056 χ^2/NDF : 9.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -711.494+/-432.227 χ^2/NDF : 18.1/12

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: 1003.924+/-0.399 χ^2/NDF : 118978.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

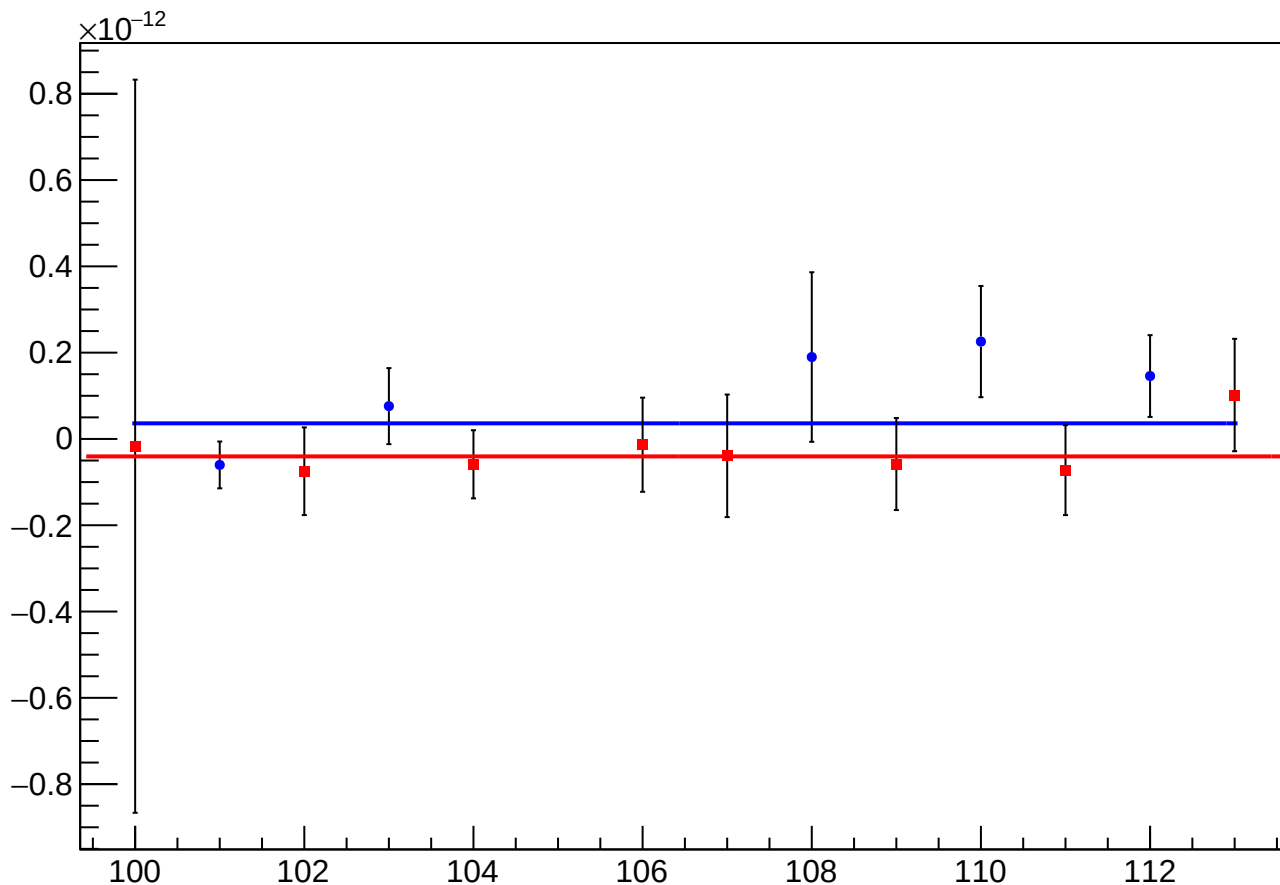
Right: 1024.600+/-0.306 χ^2/NDF : 257341.8/12

In: 1053.909+/-0.475 χ^2/NDF : 131875.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1024.600+/-0.306 χ^2/NDF : 257341.8/12

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 : 1.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

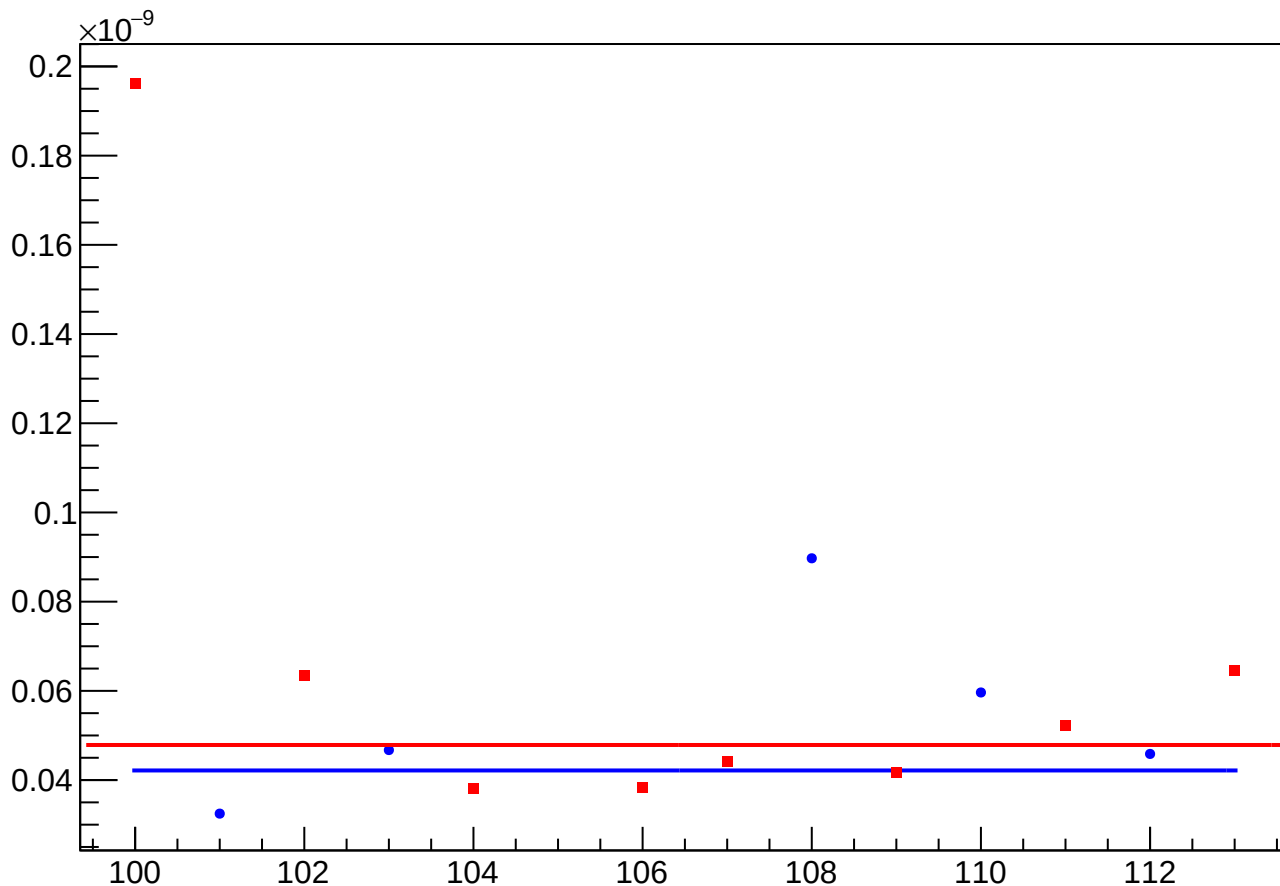
Right: -0.000+/-0.000 χ^2/NDF : 10.9/12

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 : 10.9/12

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 : 199048.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

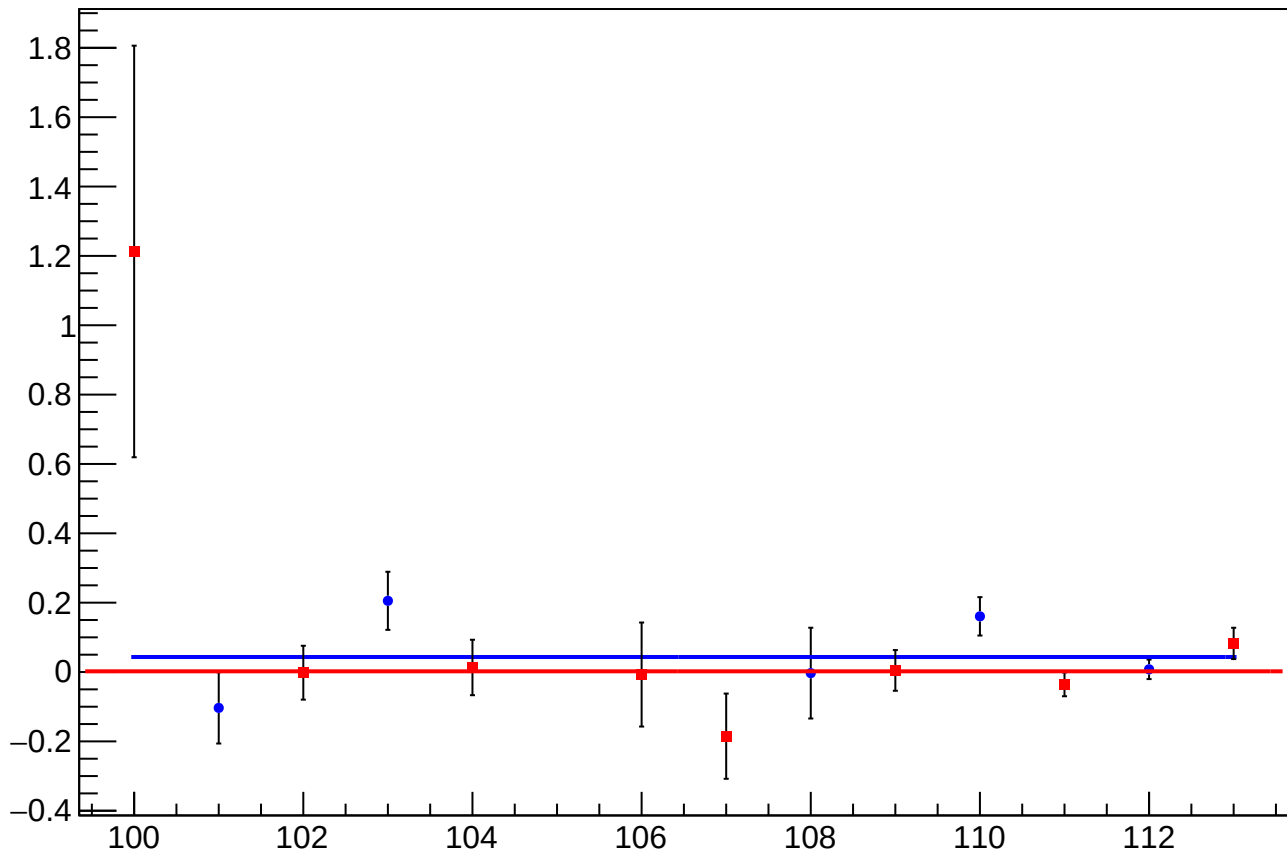
Right: 0.000+/-0.000 χ^2/NDF : 446309.6/12

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 : 446309.6/12

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: 0.002+/-0.022 χ^2/NDF : 10.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

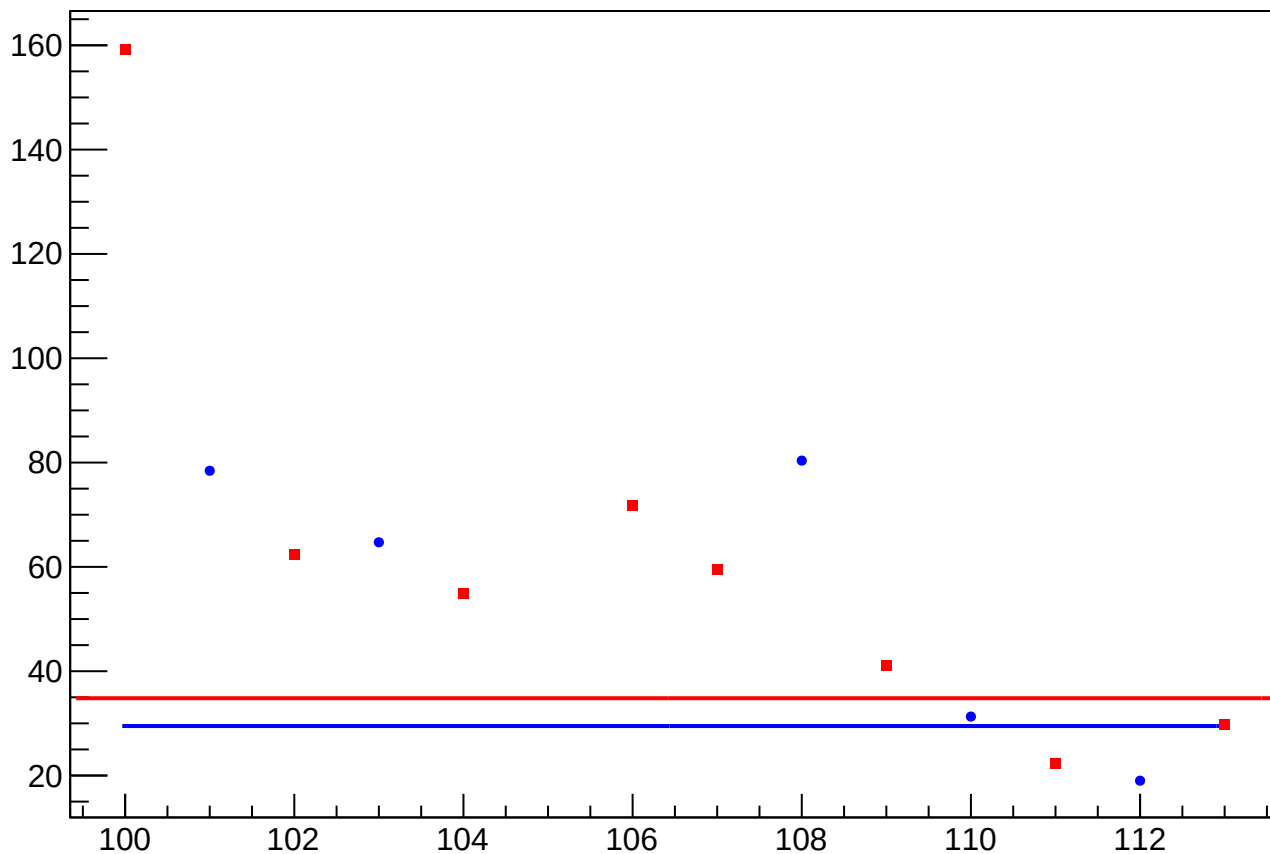
Right: 0.022+/-0.016 χ^2/NDF : 24.5/12

In: 0.043+/-0.023 χ^2/NDF : 12.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.016 χ^2/NDF : 24.5/12

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: 34.821+/-0.016 χ^2/NDF : 983414.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

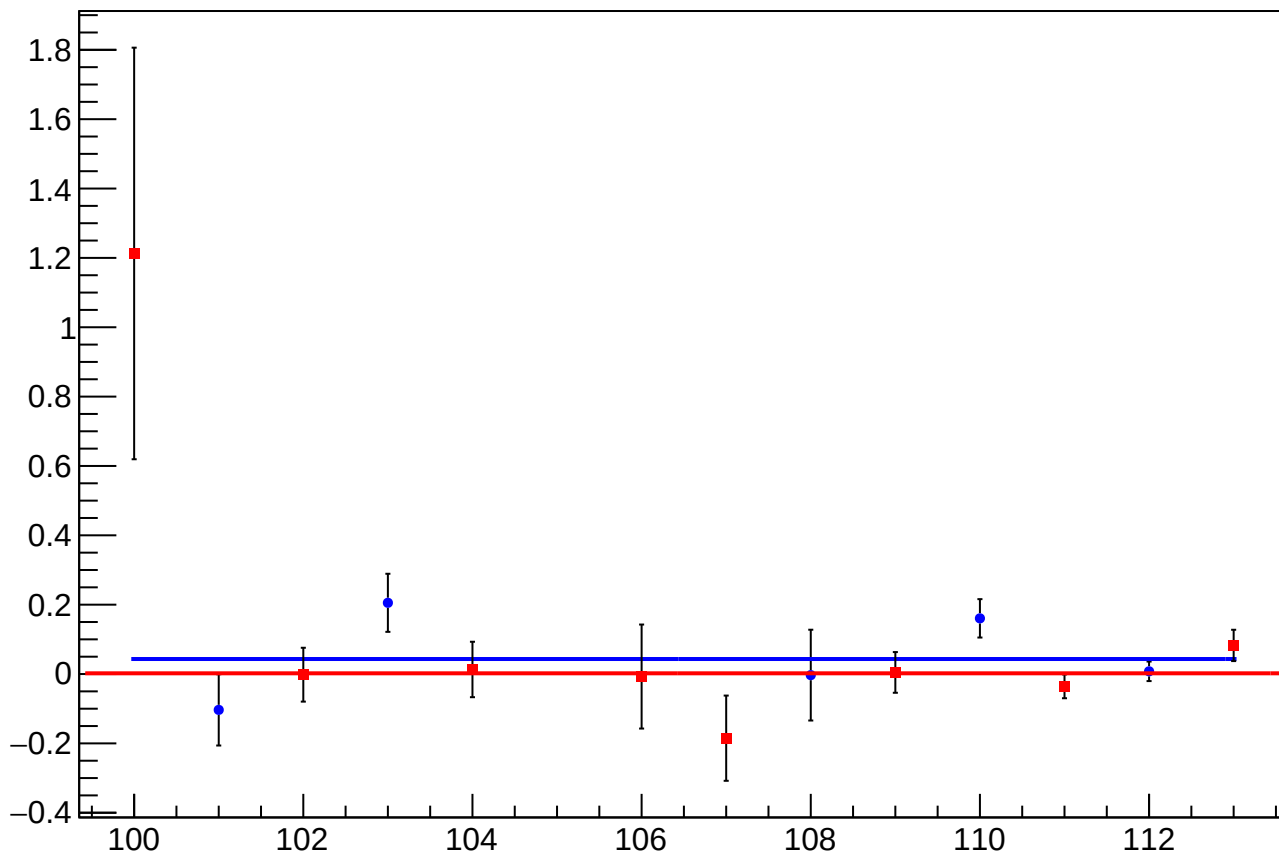
Right: 32.278+/-0.011 χ^2/NDF : 2428906.7/12

In: 29.488+/-0.016 χ^2/NDF : 1389446.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.278+/-0.011 χ^2/NDF : 2428906.7/12

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: 0.002+/-0.022 χ^2/NDF : 10.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

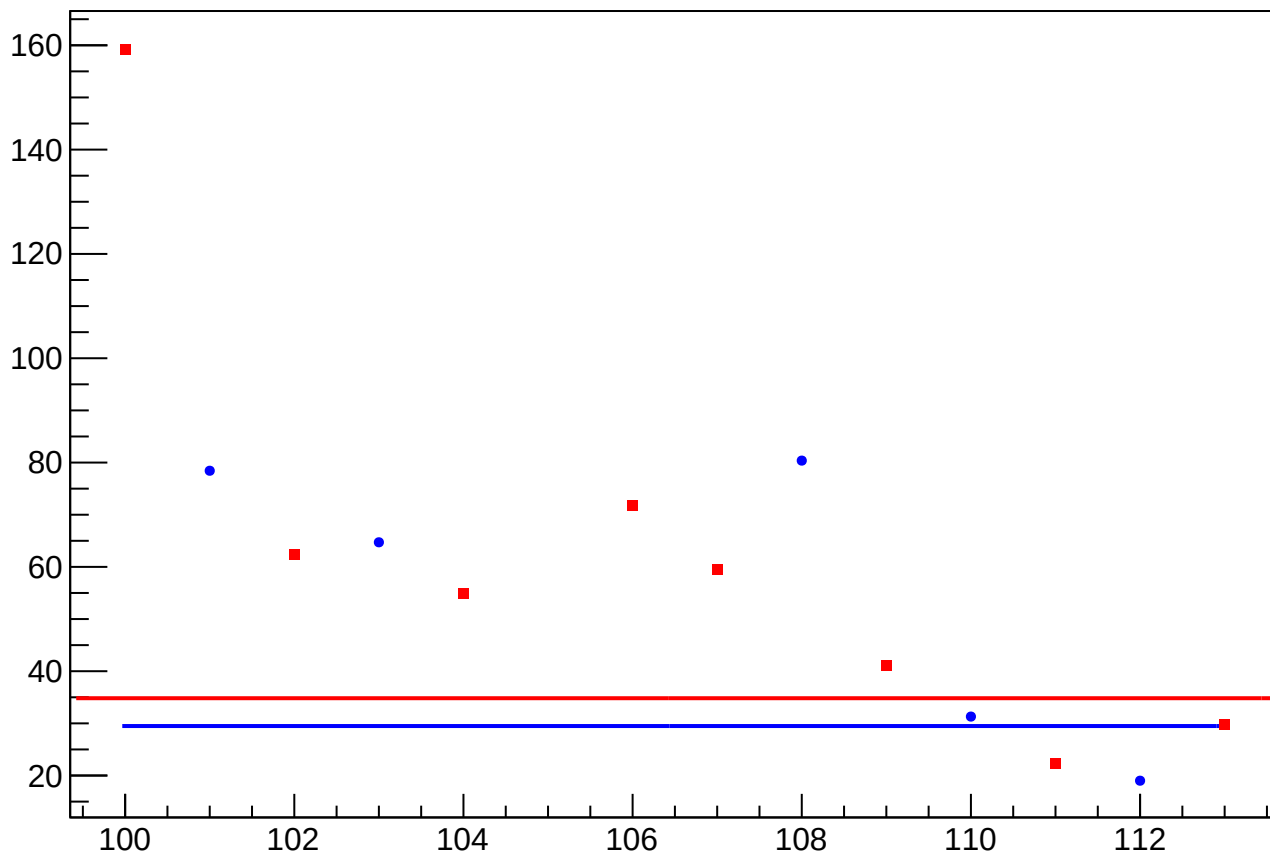
Right: 0.022+/-0.016 χ^2/NDF : 24.5/12

In: 0.043+/-0.023 χ^2/NDF : 12.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.016 χ^2/NDF : 24.5/12

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: 34.821+/-0.016 χ^2/NDF : 983414.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

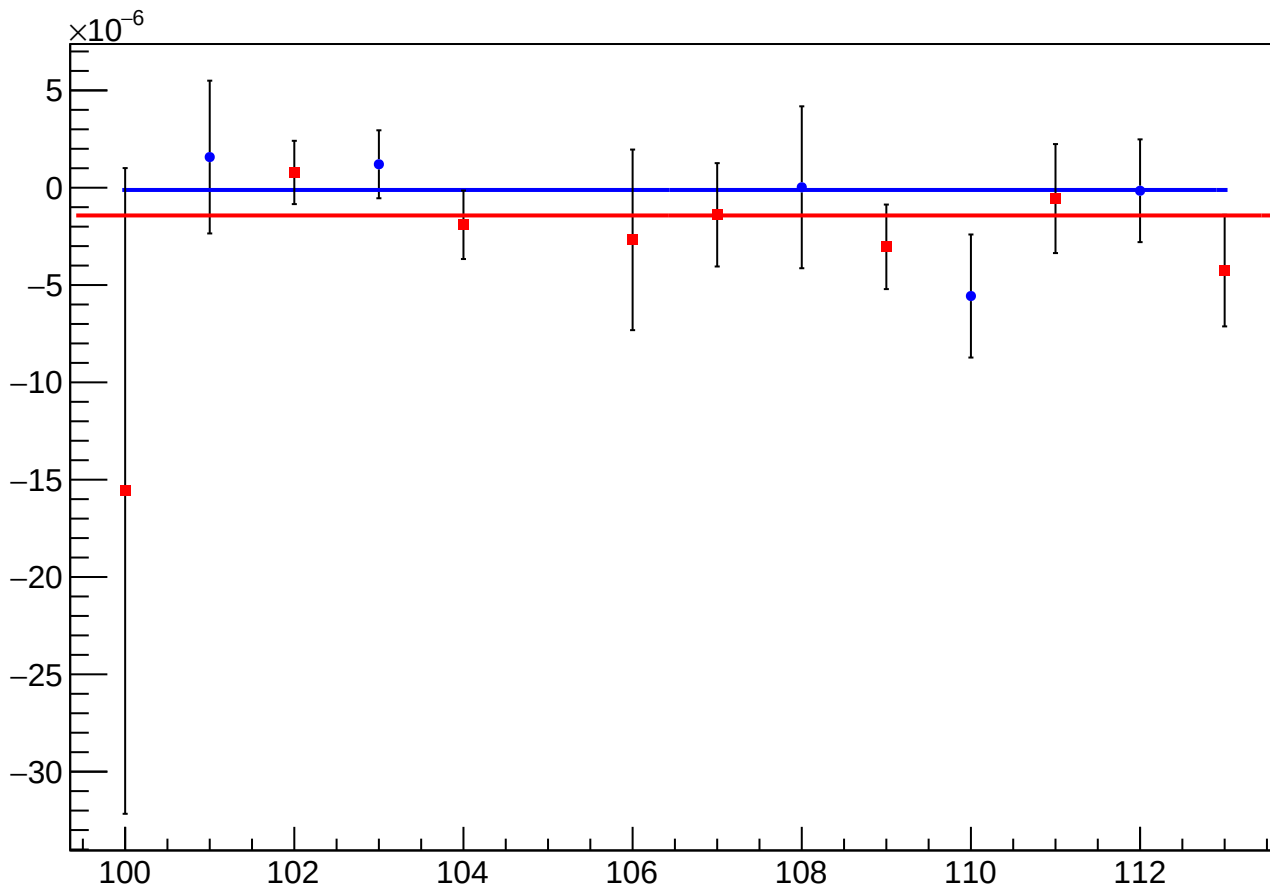
Right: 32.278+/-0.011 χ^2/NDF : 2428906.7/12

In: 29.488+/-0.016 χ^2/NDF : 1389446.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.278+/-0.011 χ^2/NDF : 2428906.7/12

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 : 4.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

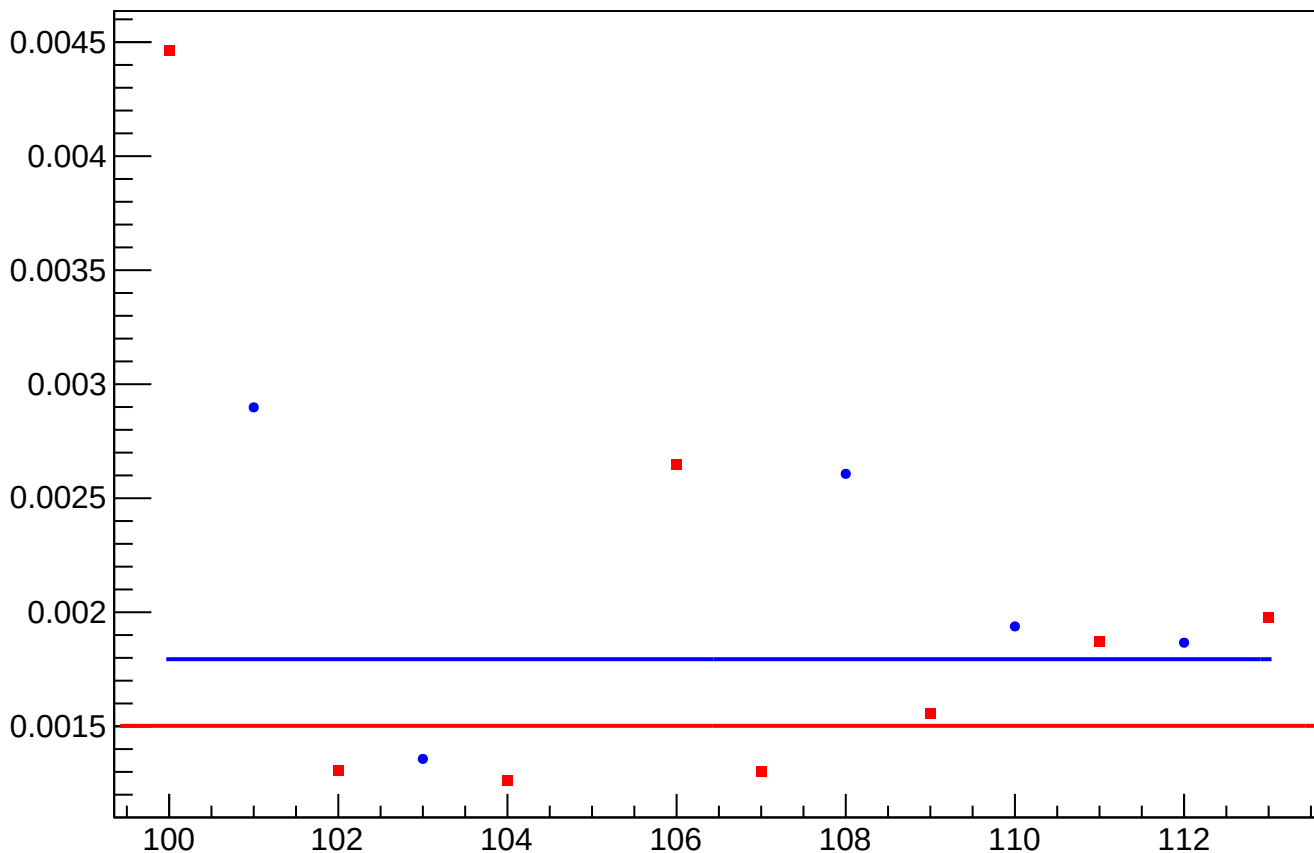
Right: -0.000+/-0.000 χ^2/NDF : 8.9/12

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 : 8.9/12

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: 0.002+/-0.000 χ^2/NDF : 353574.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

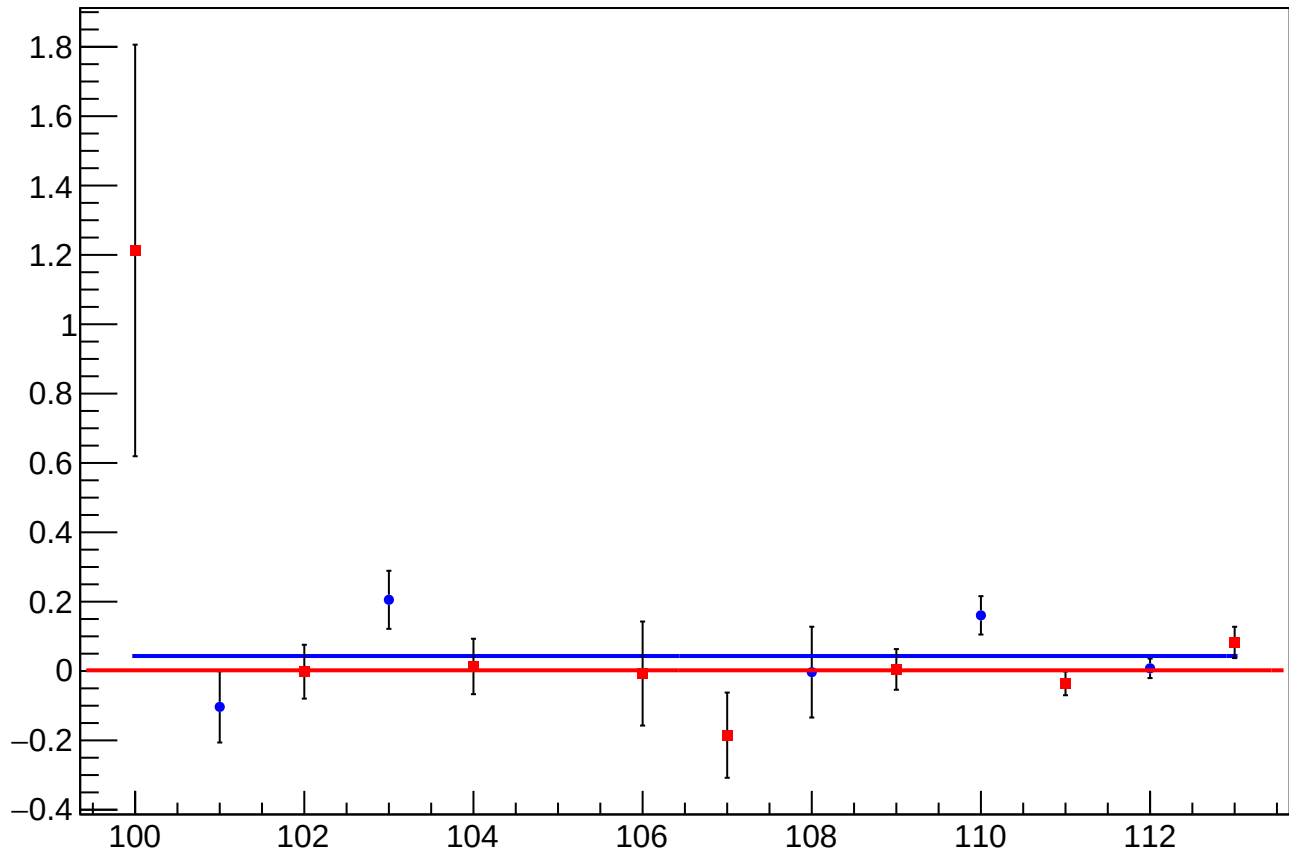
Right: 0.002+/-0.000 χ^2/NDF : 797804.0/12

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 : 797804.0/12

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: 0.002+/-0.022 χ^2/NDF : 10.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

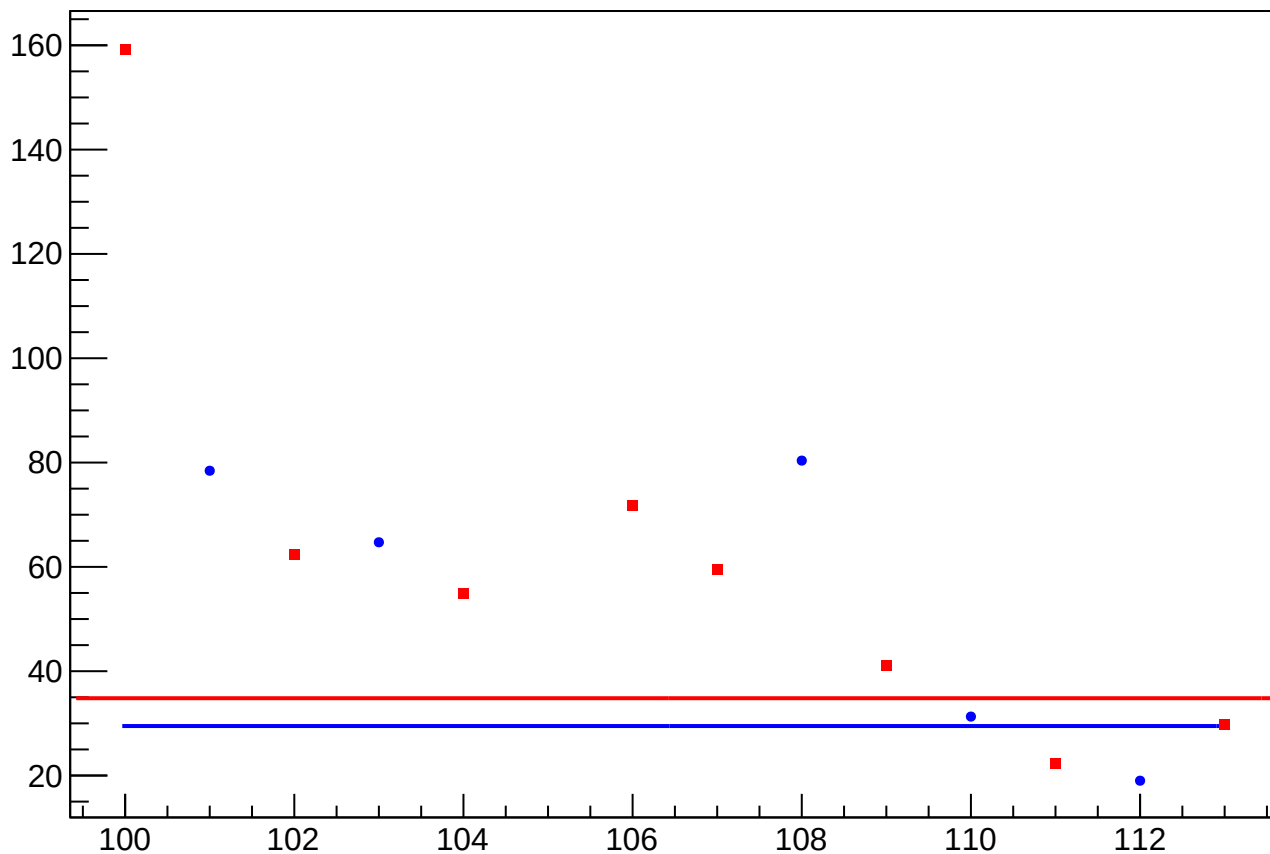
Right: 0.022+/-0.016 χ^2/NDF : 24.5/12

In: 0.043+/-0.023 χ^2/NDF : 12.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.016 χ^2/NDF : 24.5/12

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: 34.820+/-0.016 χ^2/NDF : 983486.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

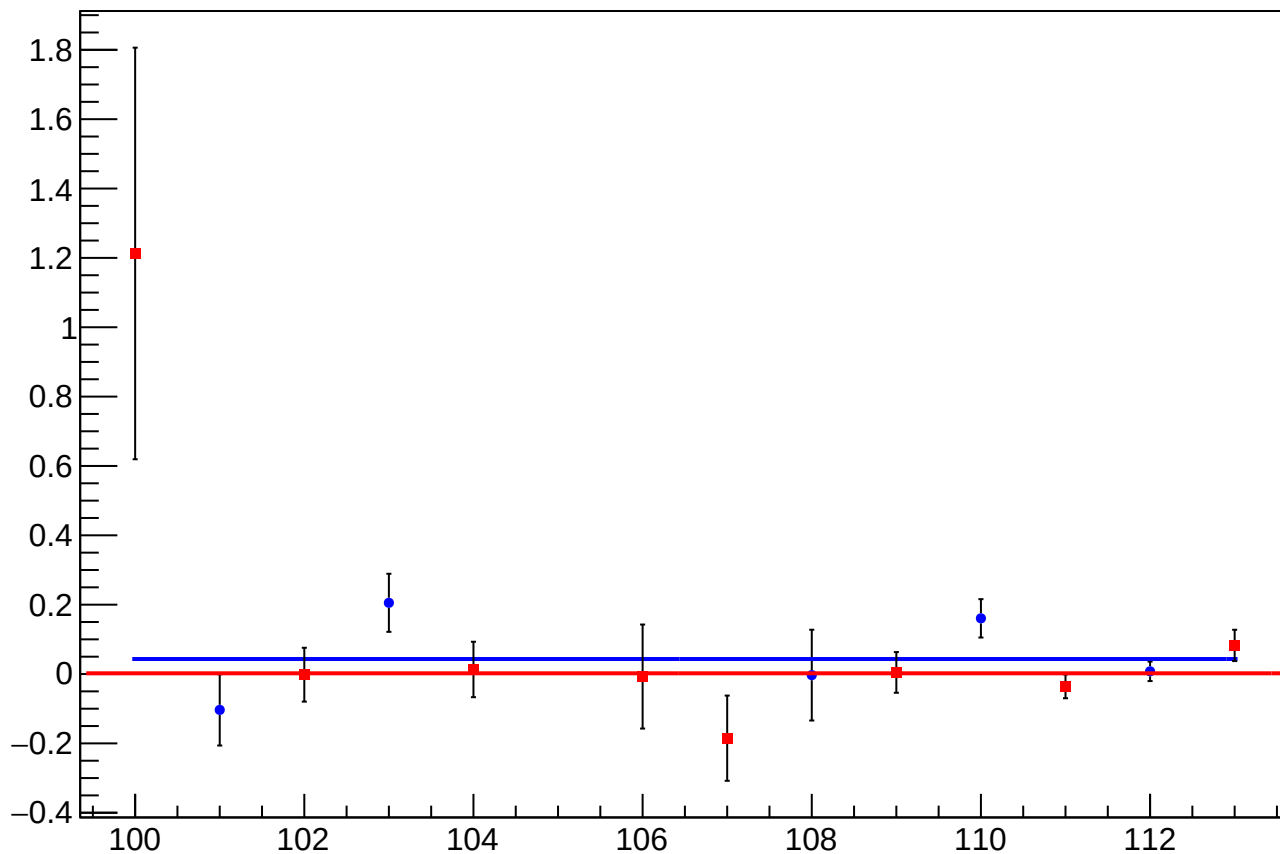
Right: 32.277+/-0.011 χ^2/NDF : 2429046.2/12

In: 29.488+/-0.016 χ^2/NDF : 1389514.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.277+/-0.011 χ^2/NDF : 2429046.2/12

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.043 $\pm$ 0.023 χ^2 /NDF: 12.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.022 χ^2 /NDF: 10.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

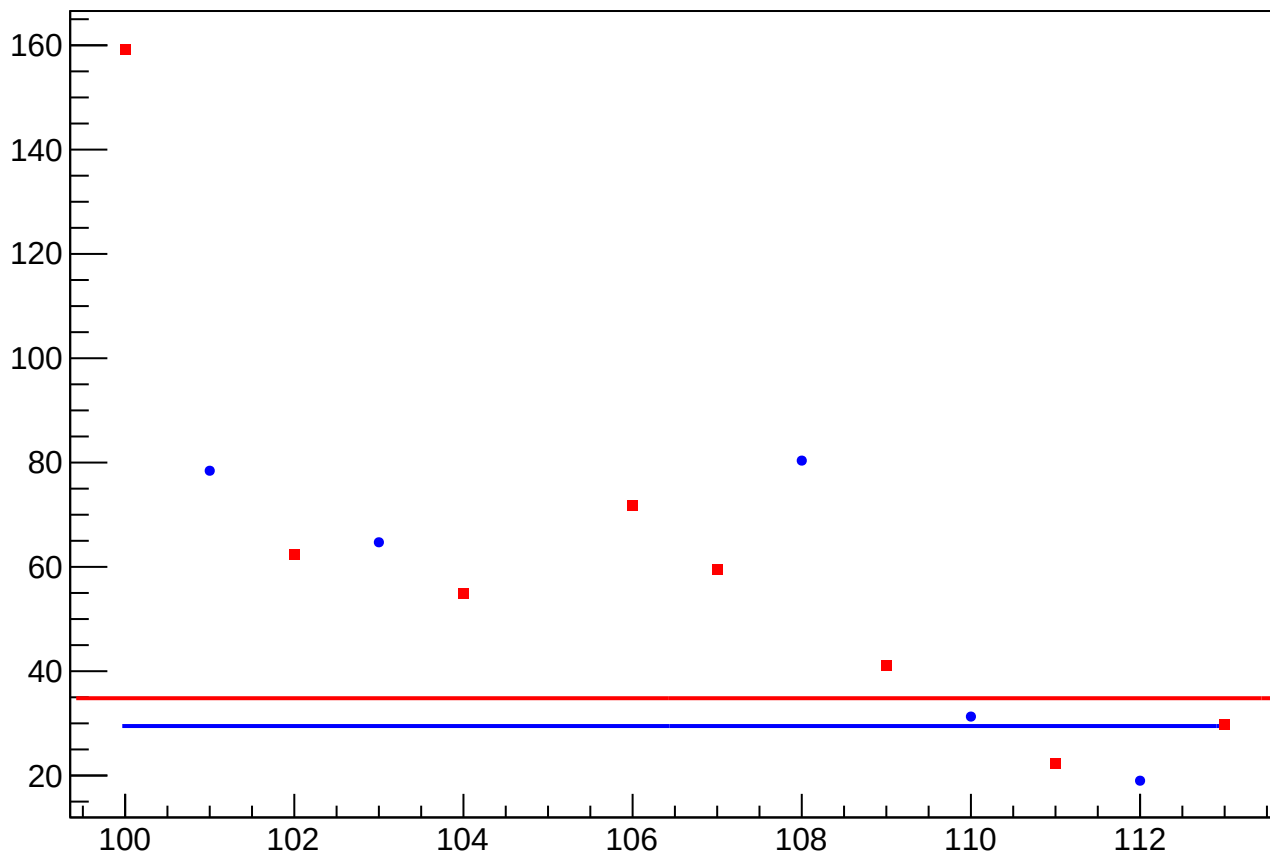
Right: 0.022 $\pm$ 0.016 χ^2 /NDF: 24.5/12

In: 0.043 $\pm$ 0.023 χ^2 /NDF:12.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.022 $\pm$ 0.016 χ^2 /NDF: 24.5/12

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: 34.820+/-0.016 χ^2/NDF : 983486.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

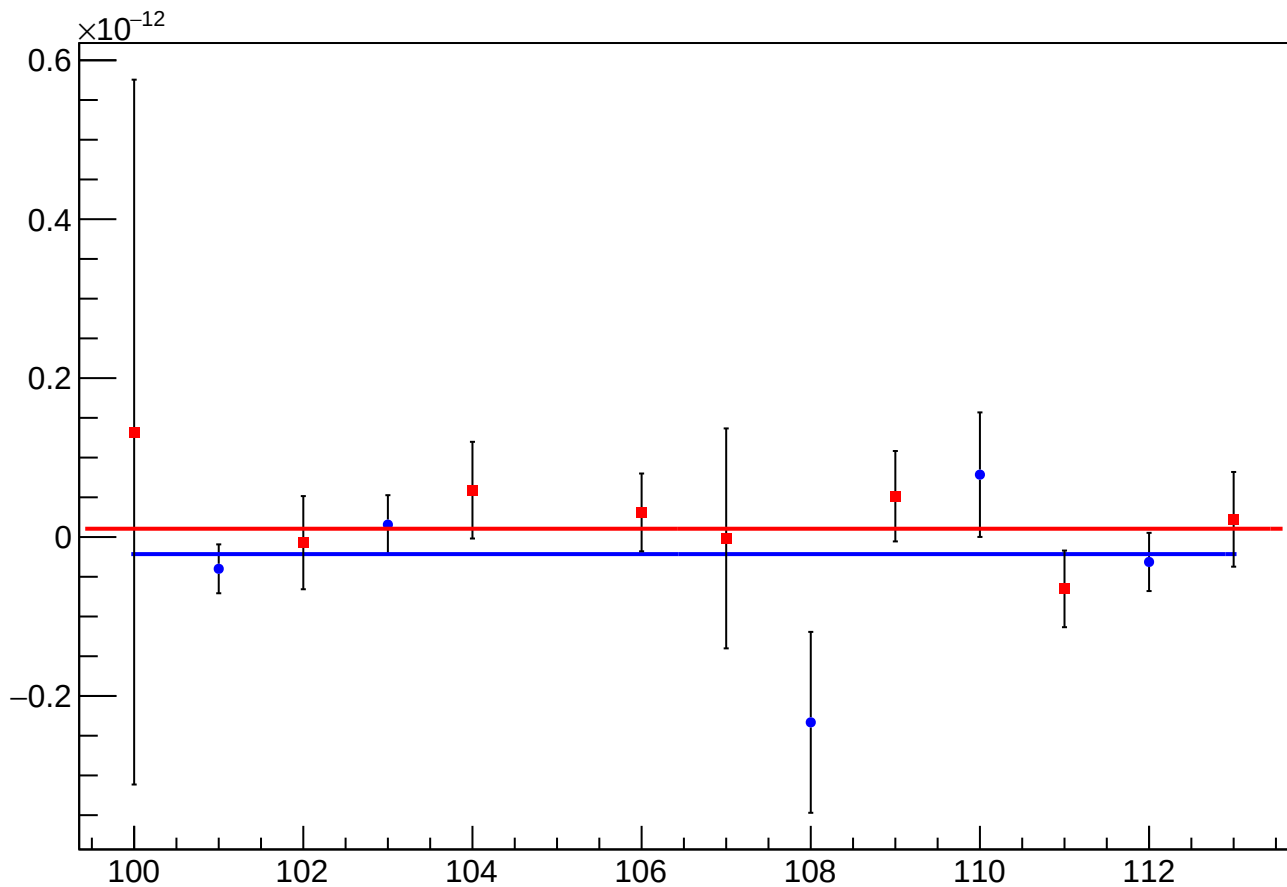
Right: 32.277+/-0.011 χ^2/NDF : 2429046.2/12

In: 29.488+/-0.016 χ^2/NDF : 1389514.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.277+/-0.011 χ^2/NDF : 2429046.2/12

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 : 4.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

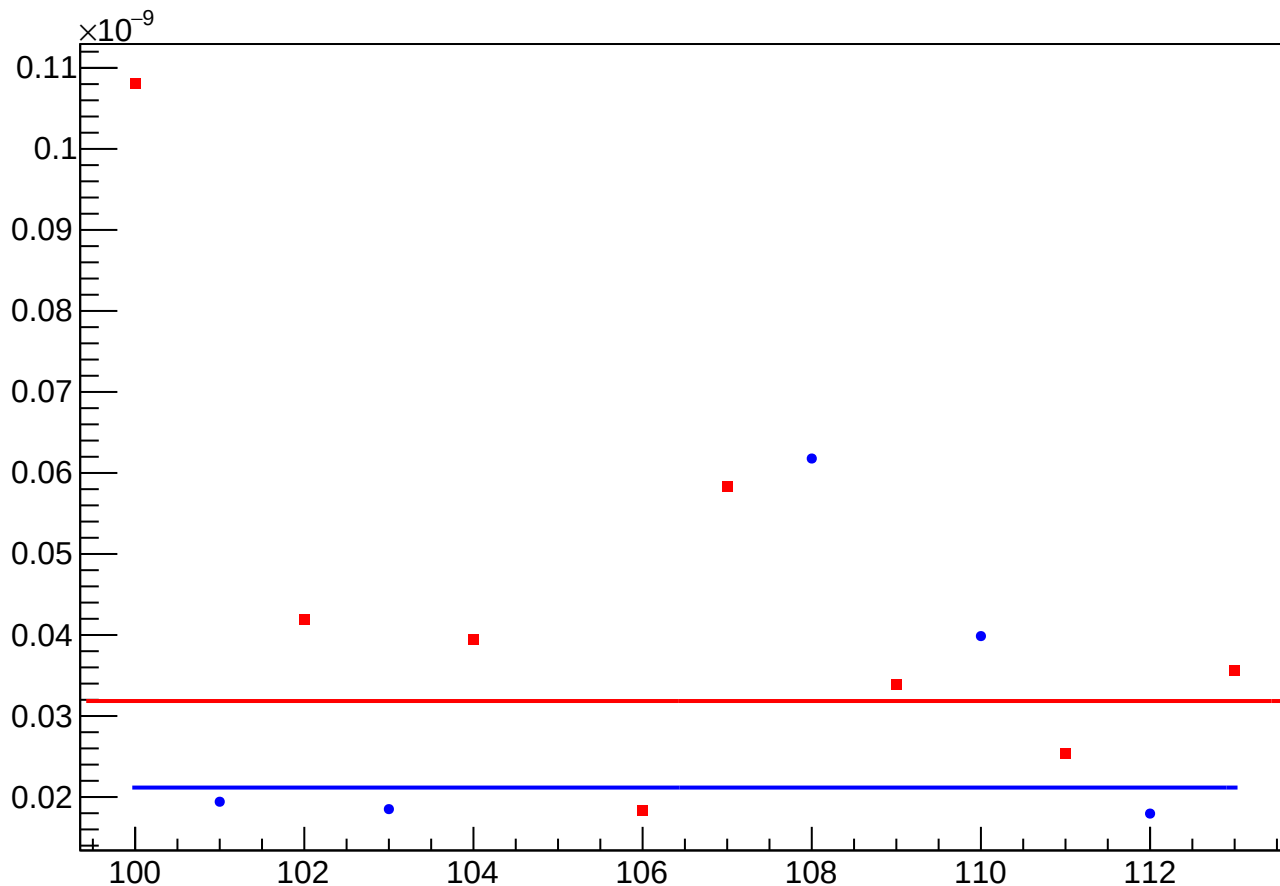
Right: -0.000+/-0.000 χ^2/NDF : 11.7/12

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 : 11.7/12

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 : 421464.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

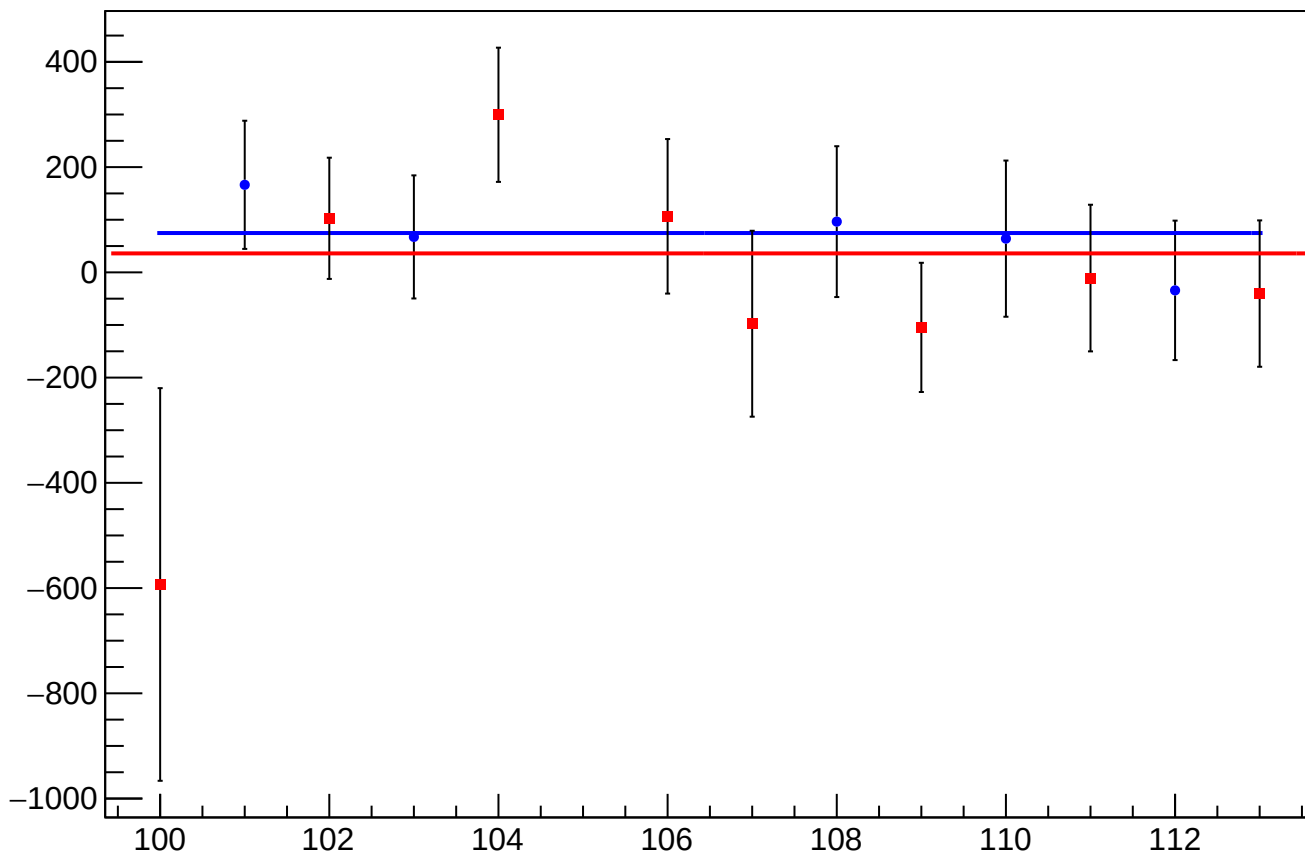
Right: 0.000+/-0.000 χ^2/NDF : 1091509.5/12

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 : 1091509.5/12

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: 36.023+/-50.509 χ^2/NDF : 10.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

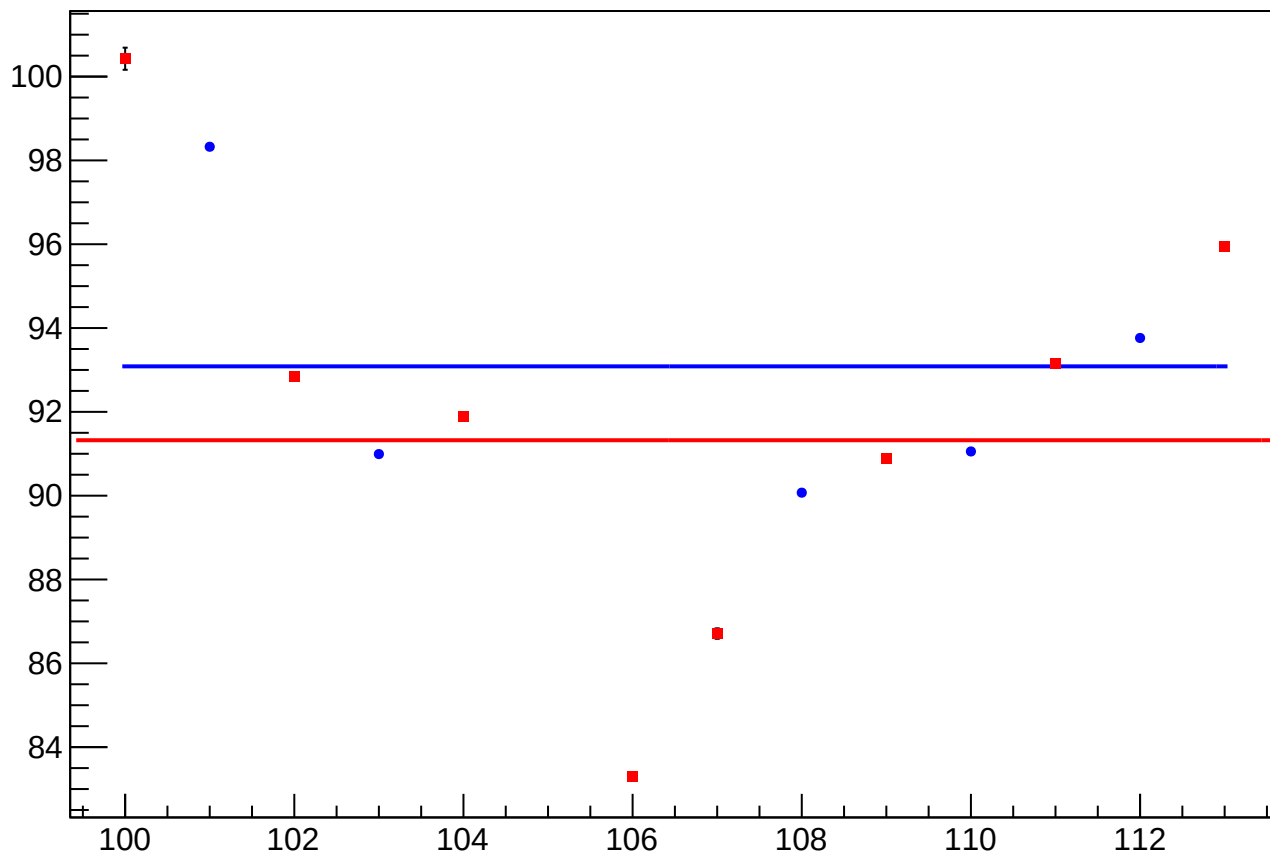
Right: 52.538+/-38.249 χ^2/NDF : 11.5/12

In: 74.742+/-58.566 χ^2/NDF : 1.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.538+/-38.249 χ^2/NDF : 11.5/12

reg_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 93.086 $\pm$ 0.041 χ^2 /NDF: 5653.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 91.323 $\pm$ 0.036 χ^2 /NDF: 11505.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

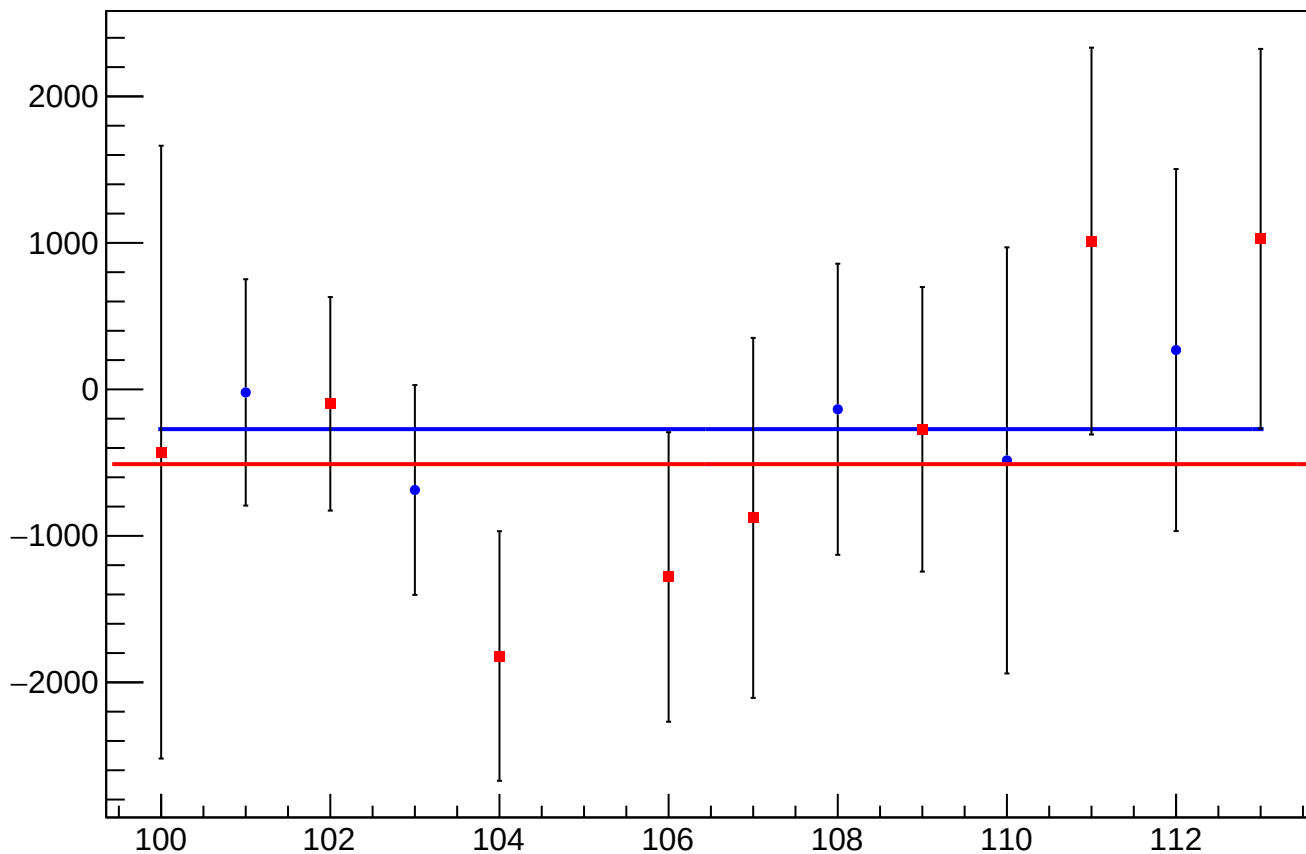
Right: 92.075 $\pm$ 0.027 χ^2 /NDF: 18197.6/12

In: 93.086 $\pm$ 0.041 χ^2 /NDF:5653.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 92.075 $\pm$ 0.027 χ^2 /NDF: 18197.6/12

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: -510.450+/-367.506 χ^2/NDF : 6.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

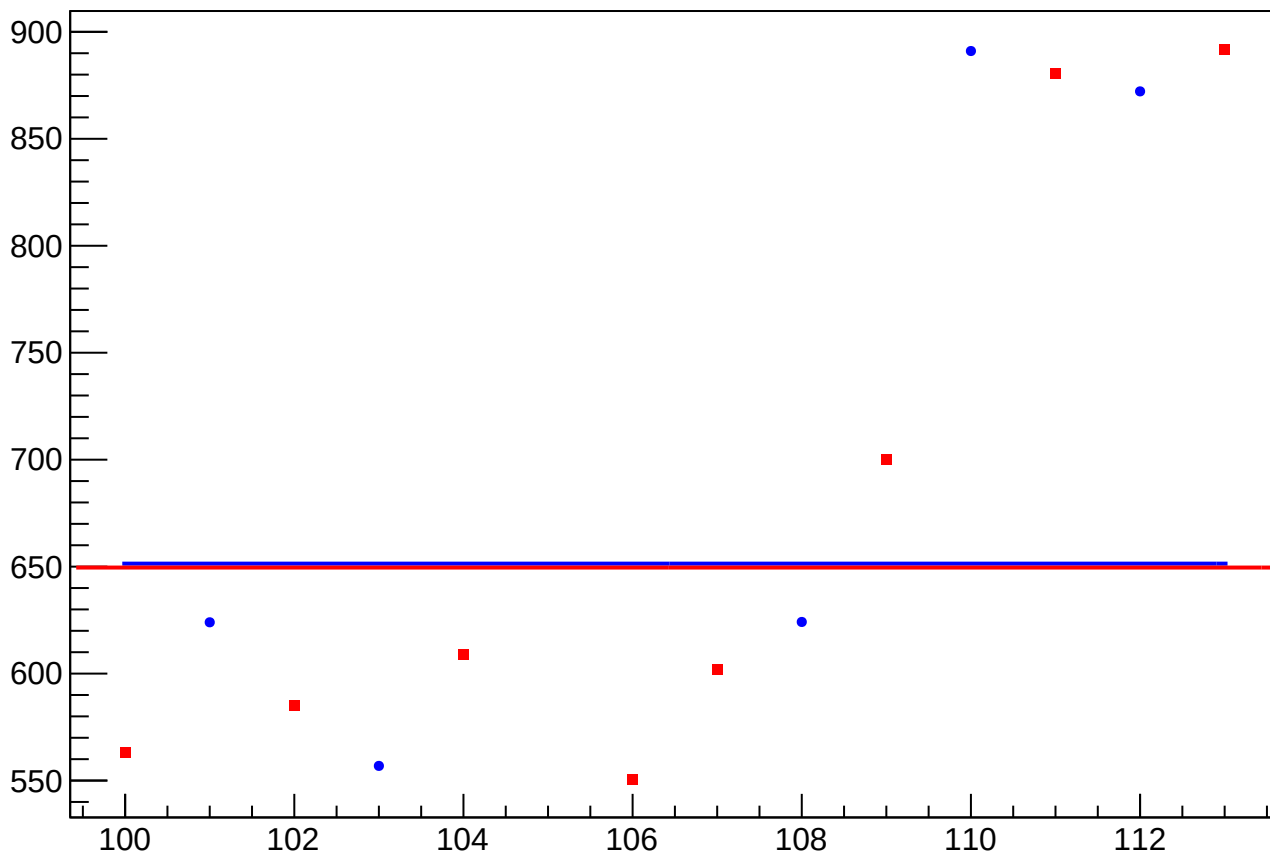
Right: -405.766+/-275.567 χ^2/NDF : 7.0/12

In: -271.312+/-416.498 χ^2/NDF : 0.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -405.766+/-275.567 χ^2/NDF : 7.0/12

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: 649.574+/-0.260 χ^2/NDF : 183164.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

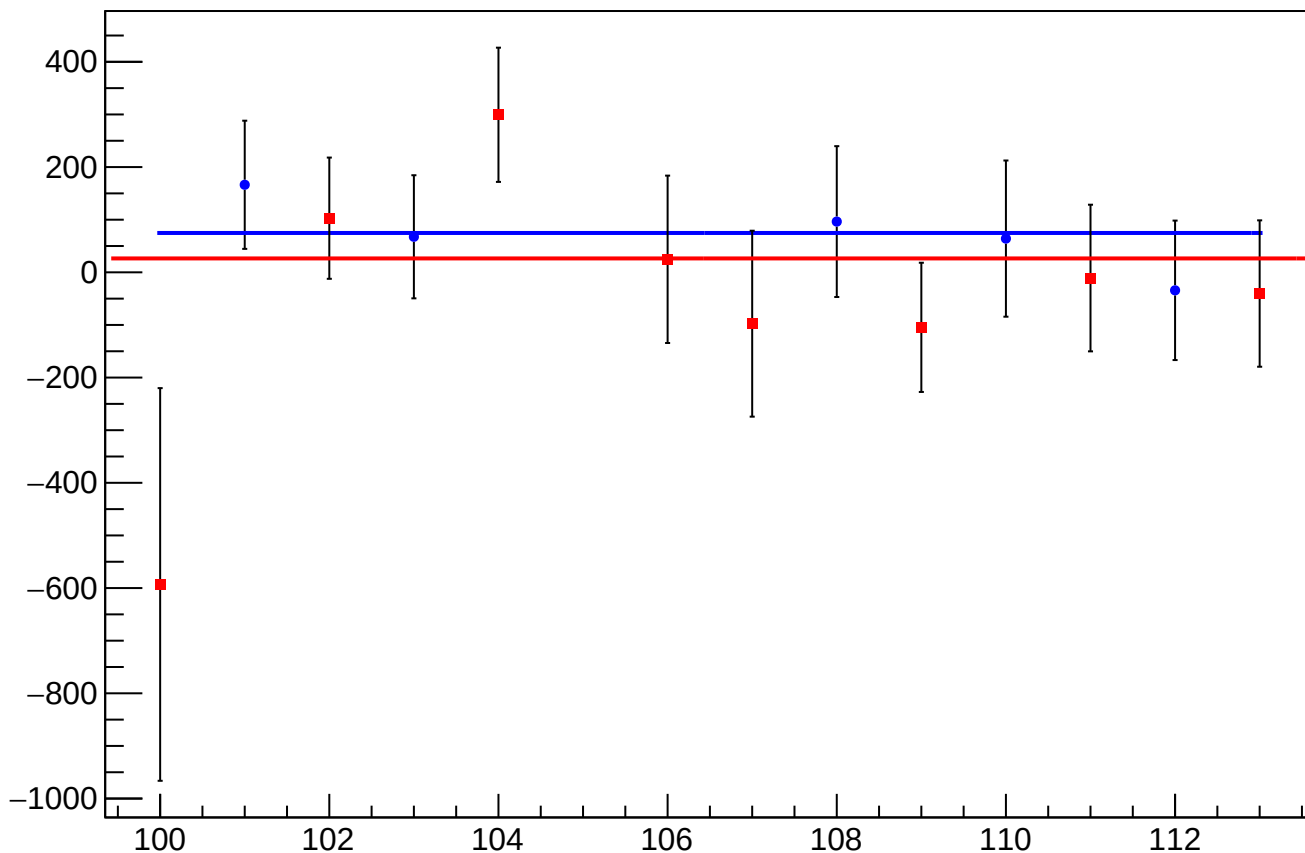
Right: 650.375+/-0.195 χ^2/NDF : 340186.8/12

In: 651.404+/-0.295 χ^2/NDF : 157000.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 650.375+/-0.195 χ^2/NDF : 340186.8/12

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: 26.392+/-50.957 χ^2/NDF : 9.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

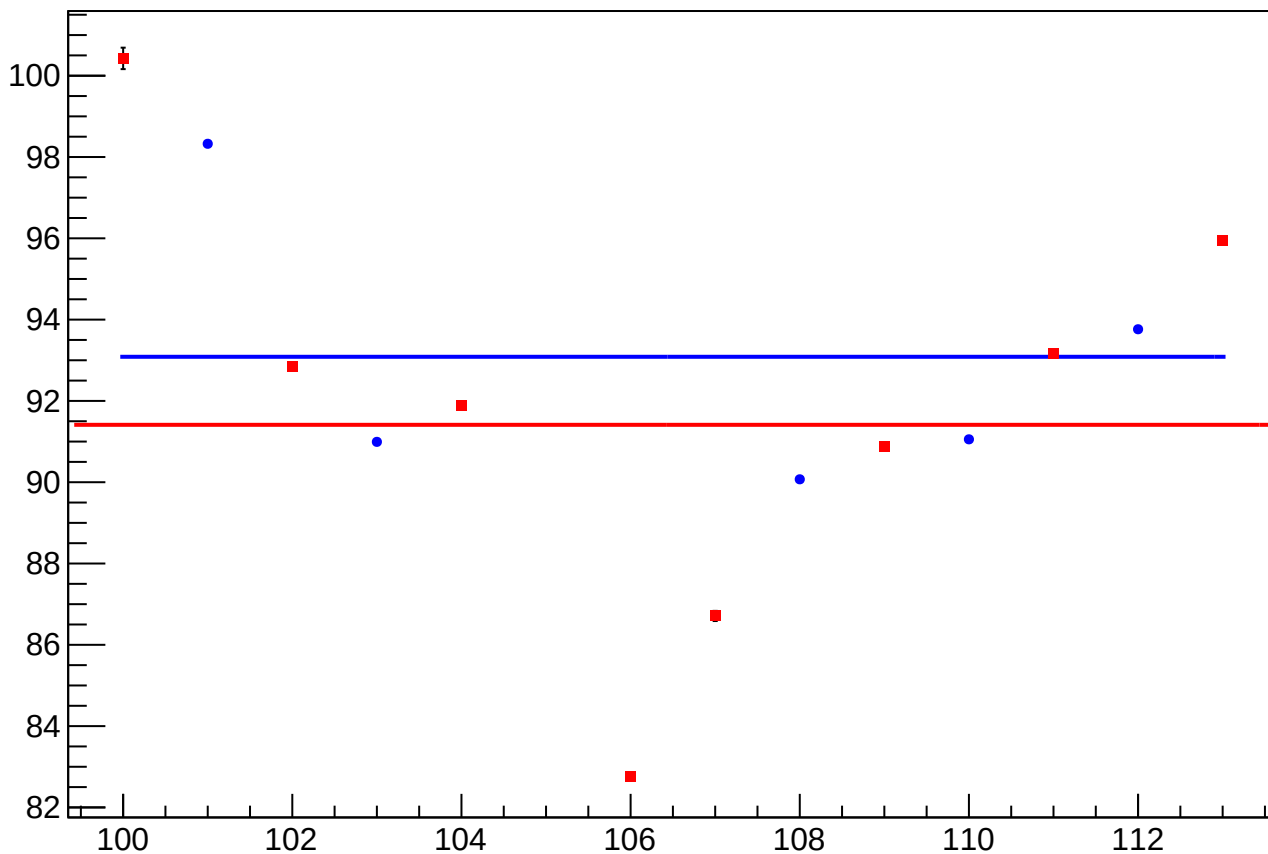
Right: 47.244+/-38.443 χ^2/NDF : 11.4/12

In: 74.788+/-58.566 χ^2/NDF : 1.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.244+/-38.443 χ^2/NDF : 11.4/12

cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 93.086 $\pm$ 0.041 χ^2 /NDF: 5653.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 91.412 $\pm$ 0.036 χ^2 /NDF: 11319.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

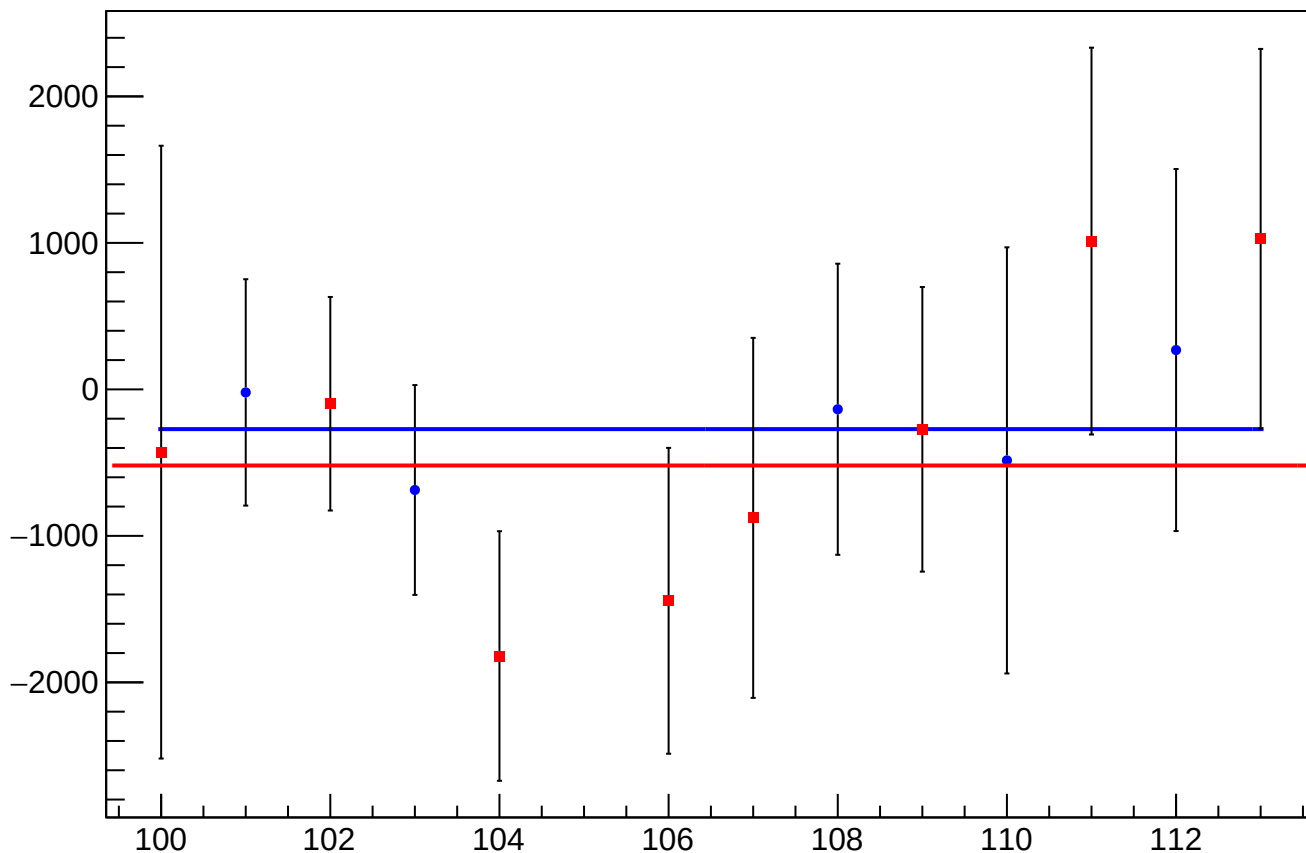
Right: 92.133 $\pm$ 0.027 χ^2 /NDF: 17902.6/12

In: 93.086 $\pm$ 0.041 χ^2 /NDF:5653.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 92.133 $\pm$ 0.027 χ^2 /NDF: 17902.6/12

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: -519.557+/-370.186 χ^2/NDF : 6.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

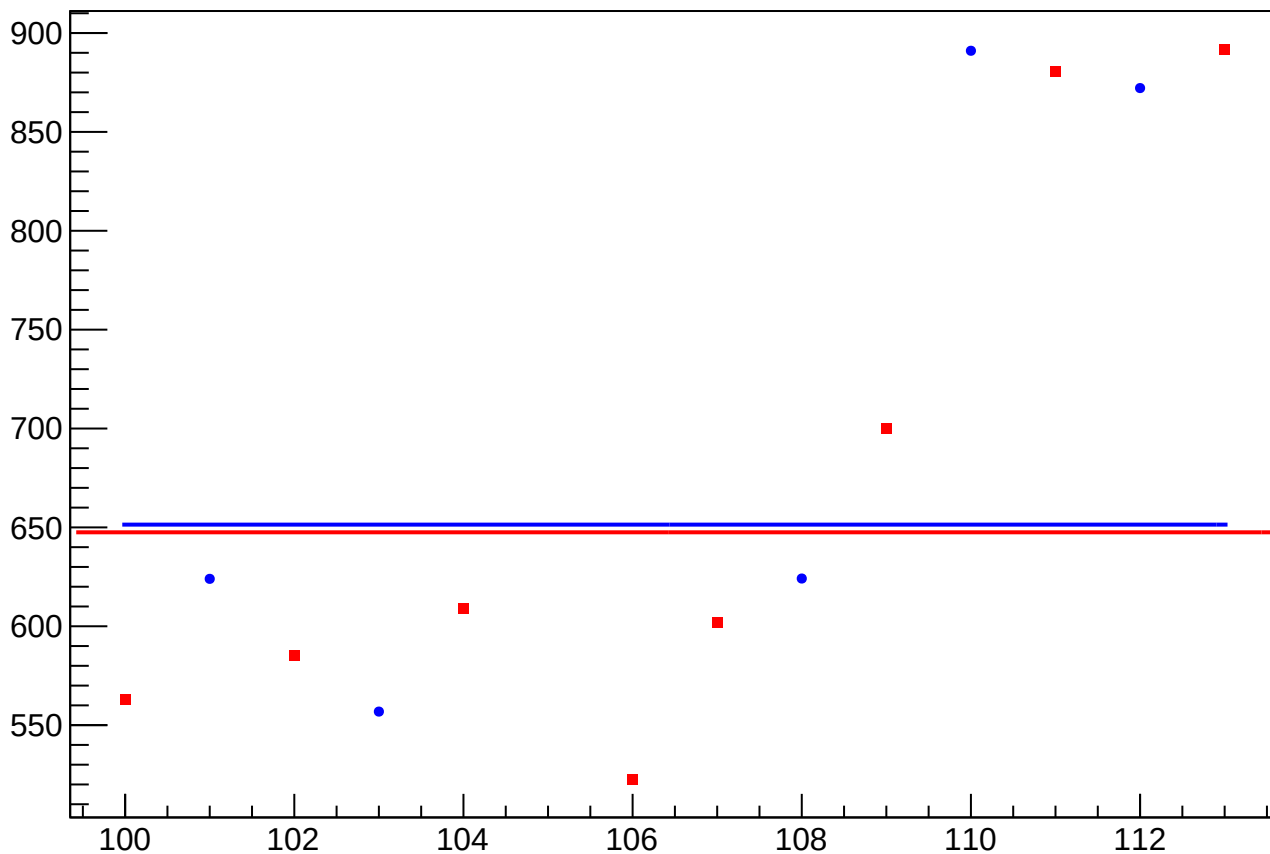
Right: -409.991+/-276.692 χ^2/NDF : 7.2/12

In: -271.297+/-416.497 χ^2/NDF : 0.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -409.991+/-276.692 χ^2/NDF : 7.2/12

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: 647.515+/-0.262 χ^2/NDF : 192595.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

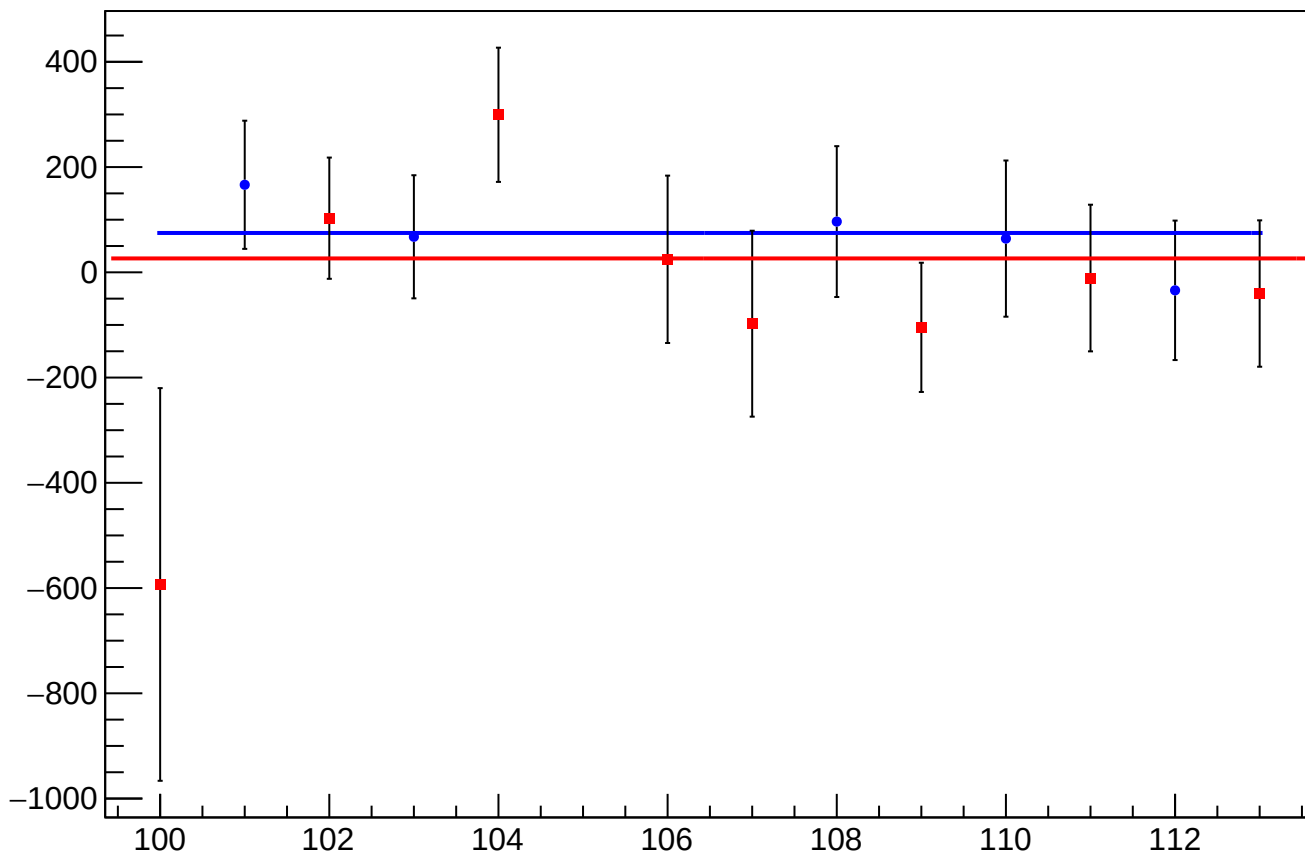
Right: 649.231+/-0.196 χ^2/NDF : 349695.8/12

In: 651.402+/-0.295 χ^2/NDF : 157003.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 649.231+/-0.196 χ^2/NDF : 349695.8/12

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: 26.392+/-50.957 χ^2/NDF : 9.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

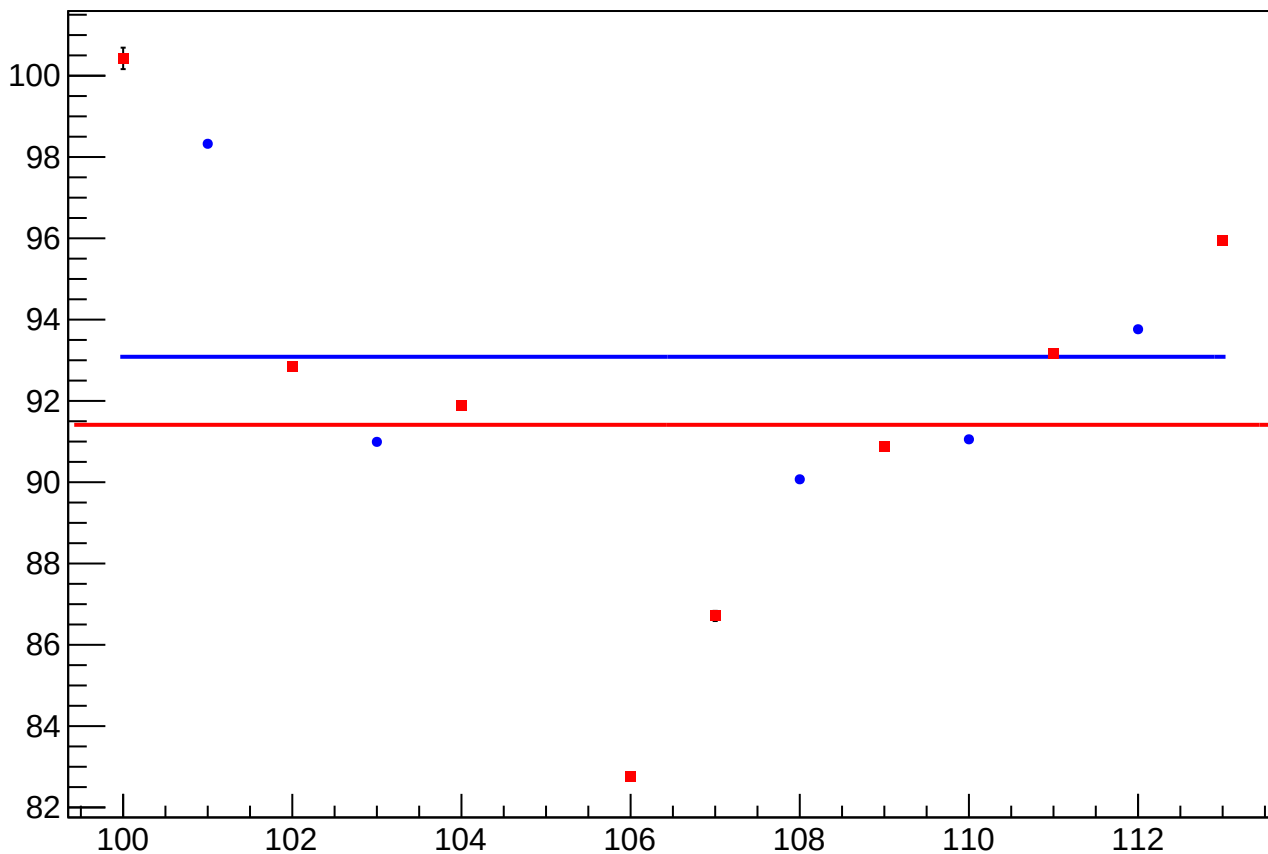
Right: 47.244+/-38.443 χ^2/NDF : 11.4/12

In: 74.788+/-58.566 χ^2/NDF : 1.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.244+/-38.443 χ^2/NDF : 11.4/12

eigen_cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 93.086 $\pm$ 0.041 χ^2 /NDF: 5653.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 91.412 $\pm$ 0.036 χ^2 /NDF: 11319.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

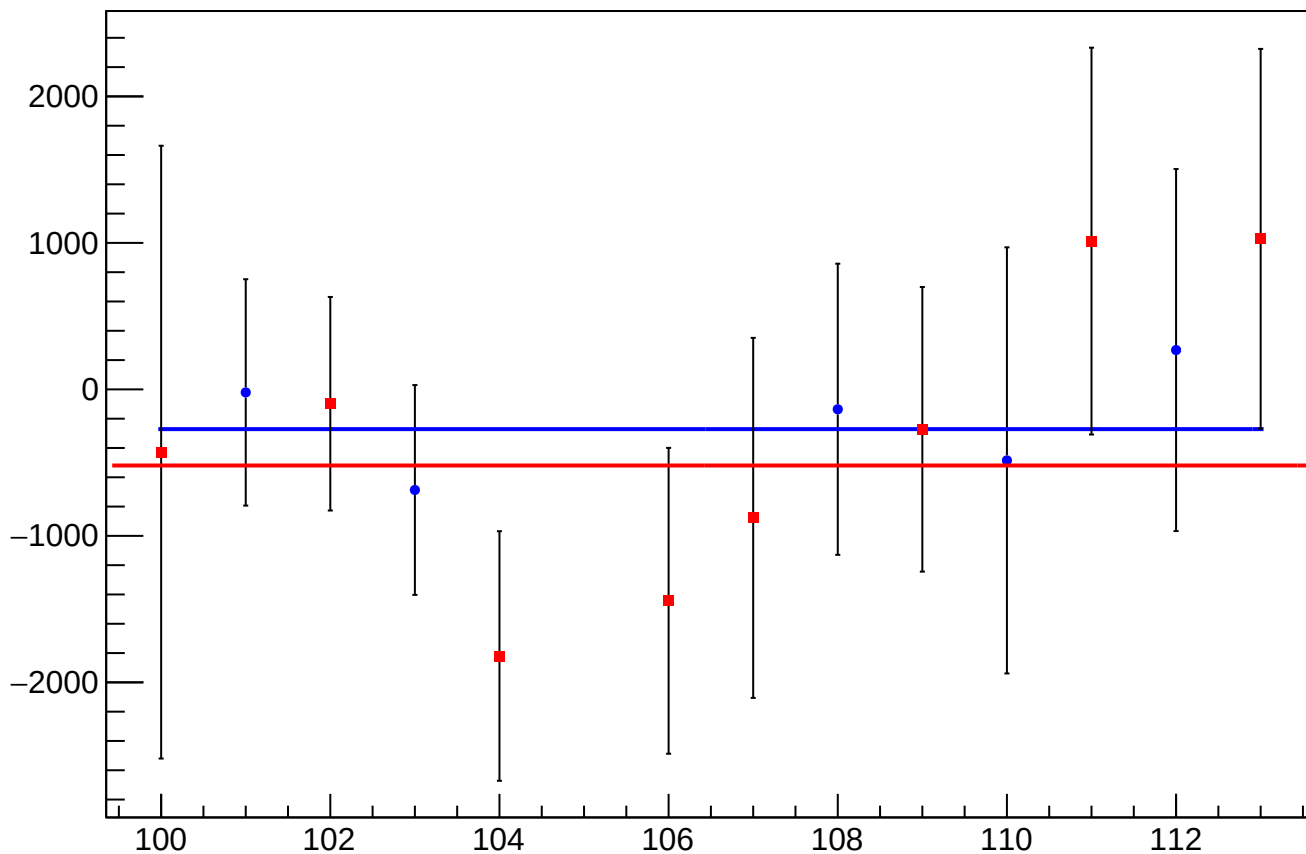
Right: 92.133 $\pm$ 0.027 χ^2 /NDF: 17902.6/12

In: 93.086 $\pm$ 0.041 χ^2 /NDF:5653.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 92.133 $\pm$ 0.027 χ^2 /NDF: 17902.6/12

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: -519.557+/-370.186 χ^2/NDF : 6.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

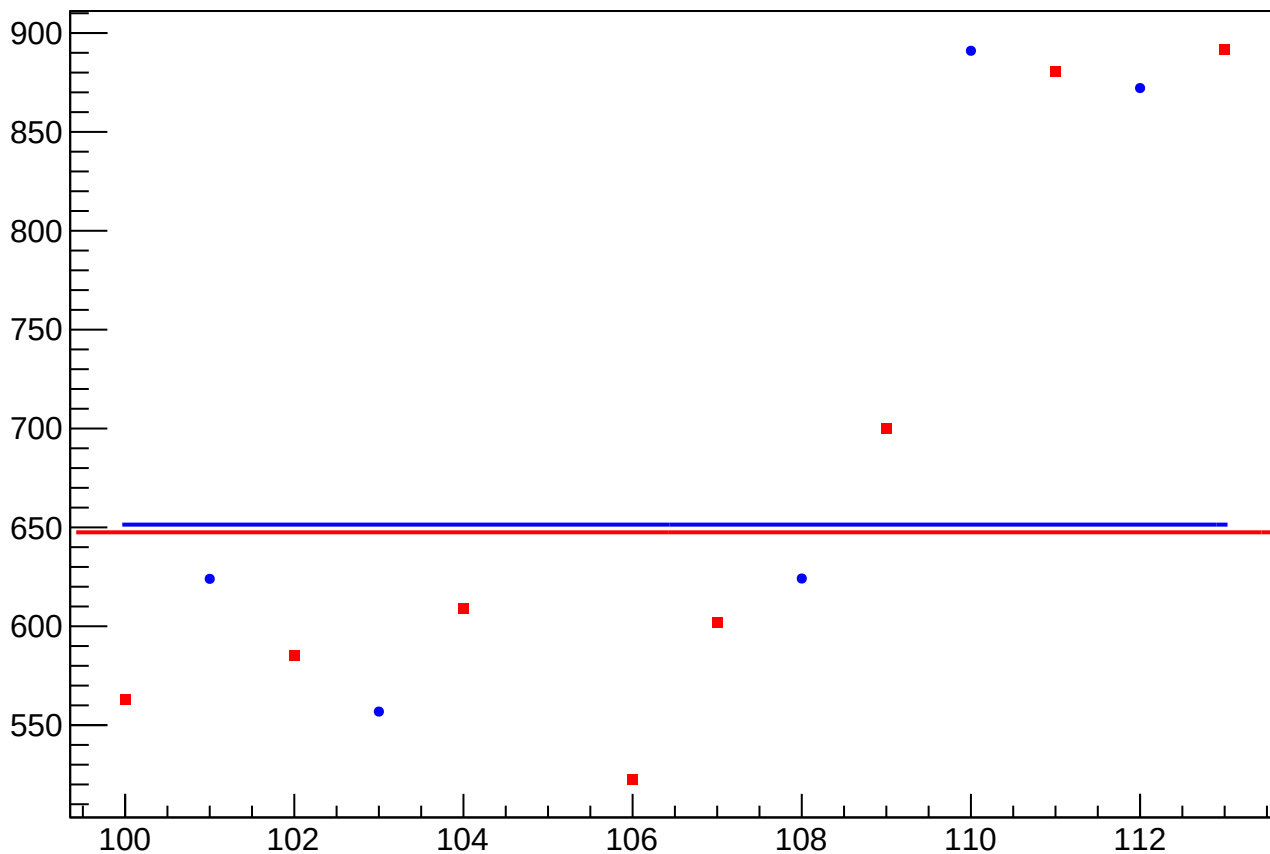
Right: -409.991+/-276.692 χ^2/NDF : 7.2/12

In: -271.297+/-416.497 χ^2/NDF : 0.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -409.991+/-276.692 χ^2/NDF : 7.2/12

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: 647.515+/-0.262 χ^2/NDF : 192595.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

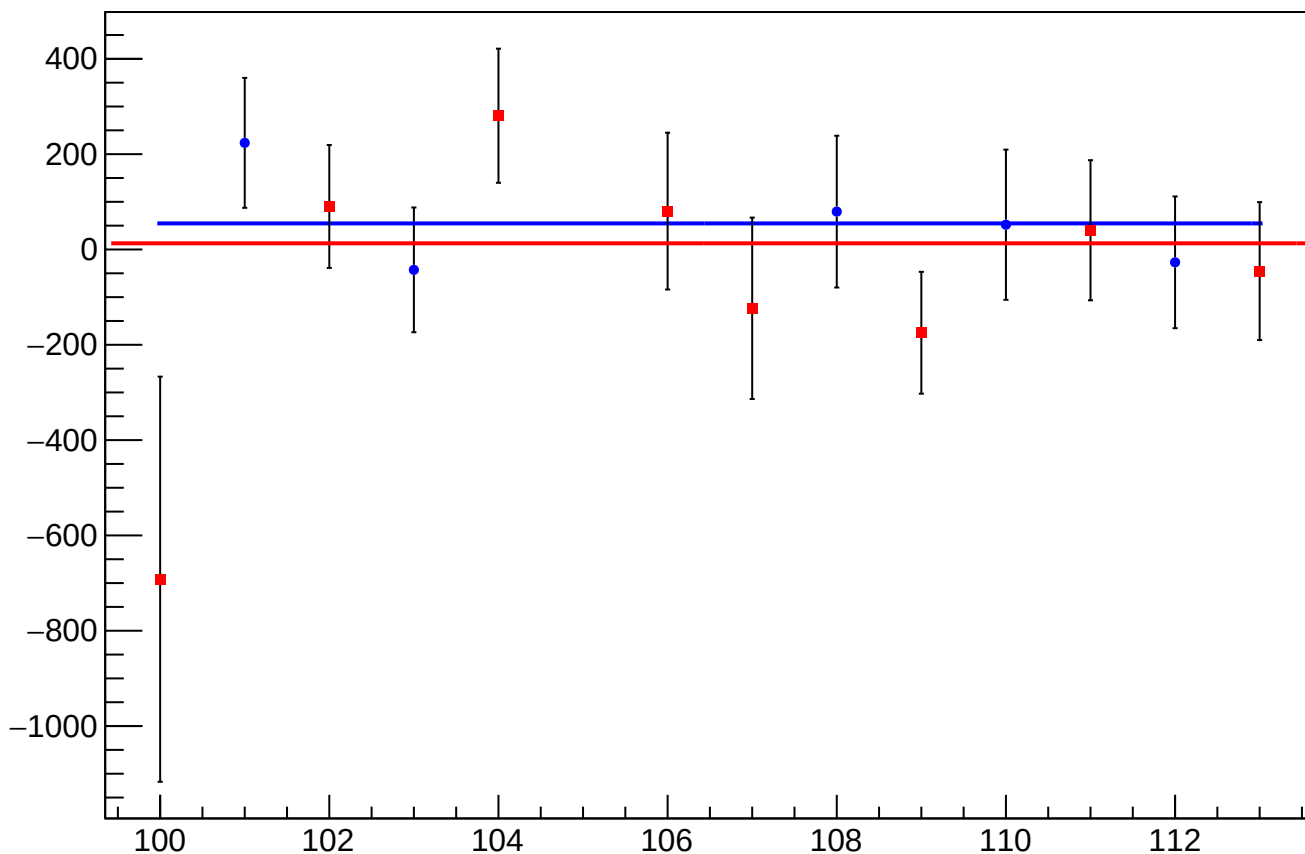
Right: 649.231+/-0.196 χ^2/NDF : 349695.8/12

In: 651.402+/-0.295 χ^2/NDF : 157003.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 649.231+/-0.196 χ^2/NDF : 349695.8/12

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: 12.952+/-54.561 χ^2/NDF : 9.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

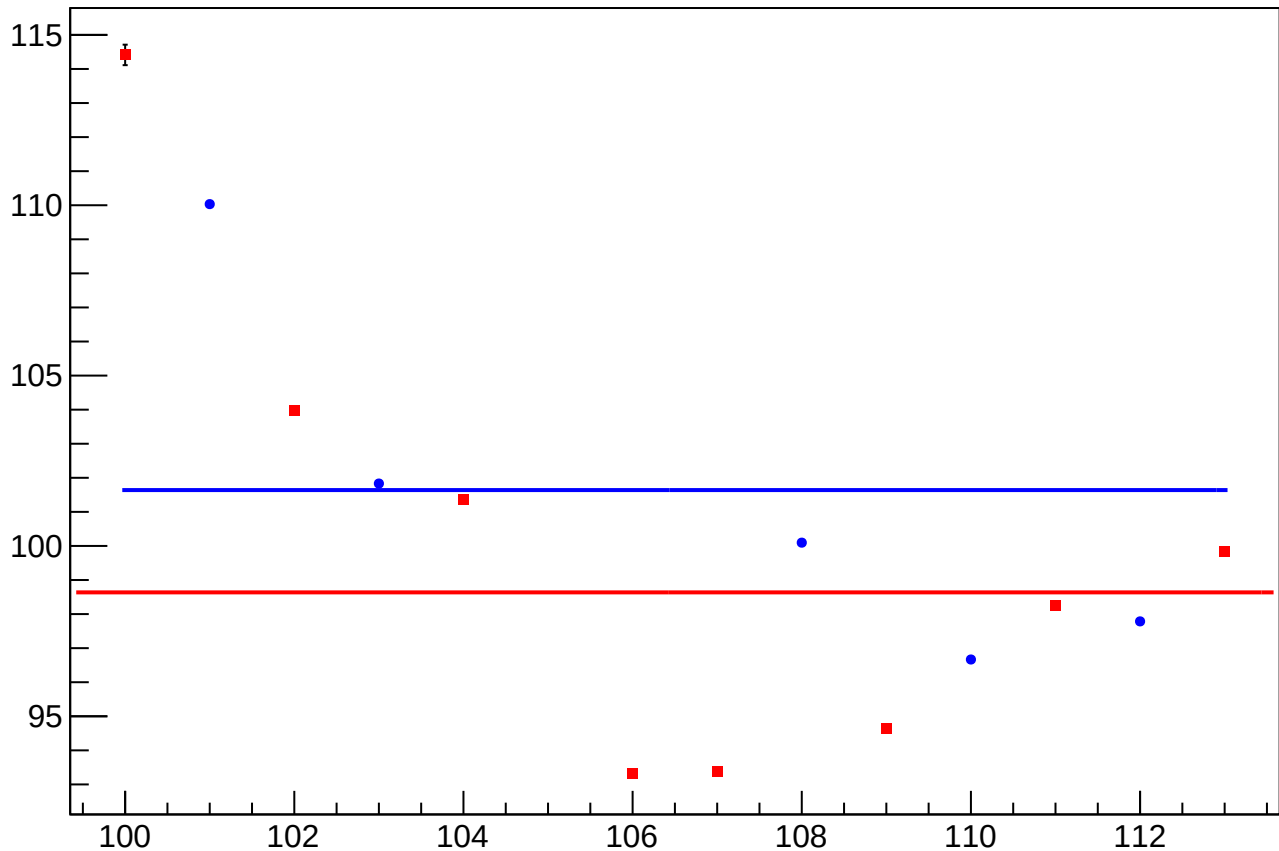
Right: 30.523+/-41.516 χ^2/NDF : 12.5/12

In: 54.688+/-63.983 χ^2/NDF : 2.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.523+/-41.516 χ^2/NDF : 12.5/12

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: 98.637 $\pm$ 0.039 χ^2 /NDF: 12661.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

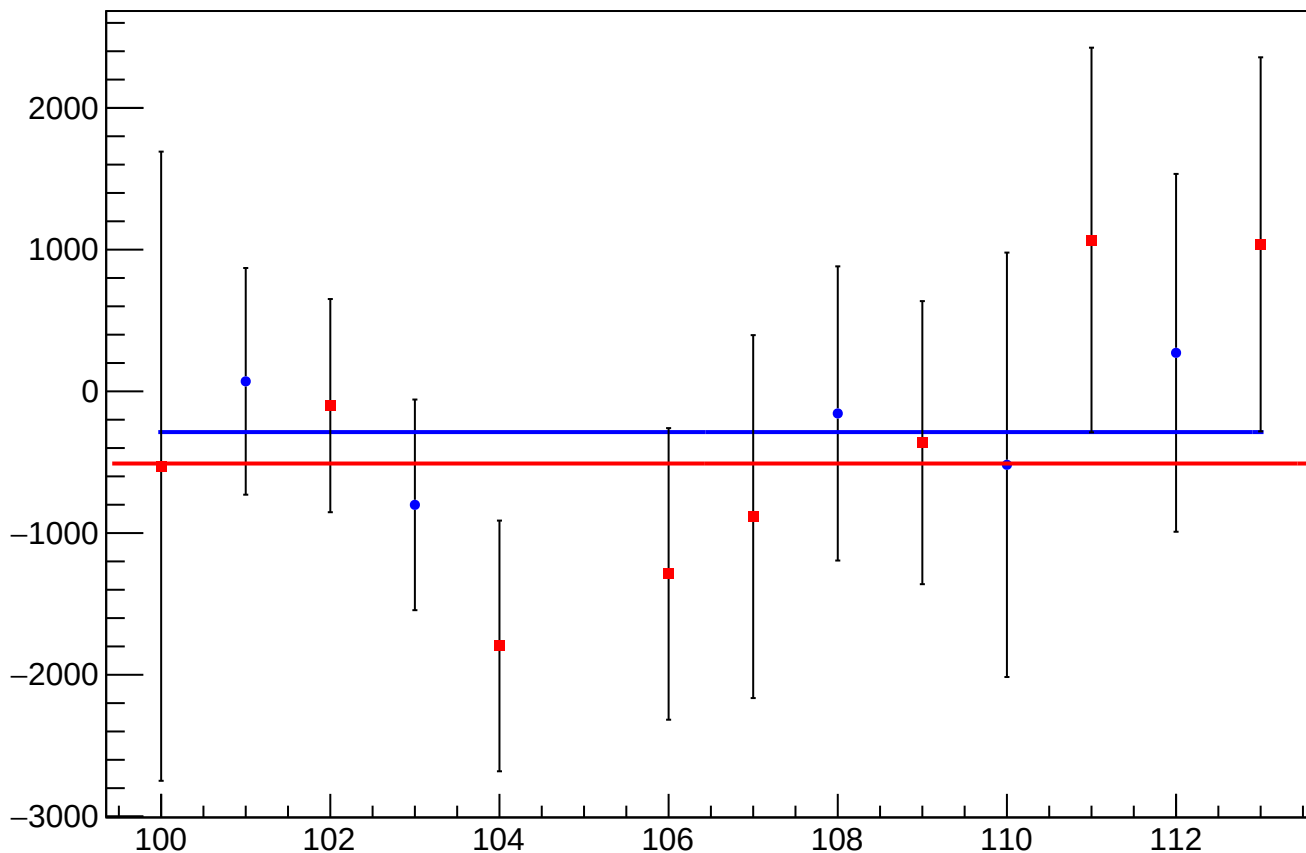
Right: 99.901 $\pm$ 0.029 χ^2 /NDF: 26535.4/12

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: 99.901 $\pm$ 0.029 χ^2 /NDF: 26535.4/12

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: -509.233+/-380.077 χ^2/NDF : 5.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

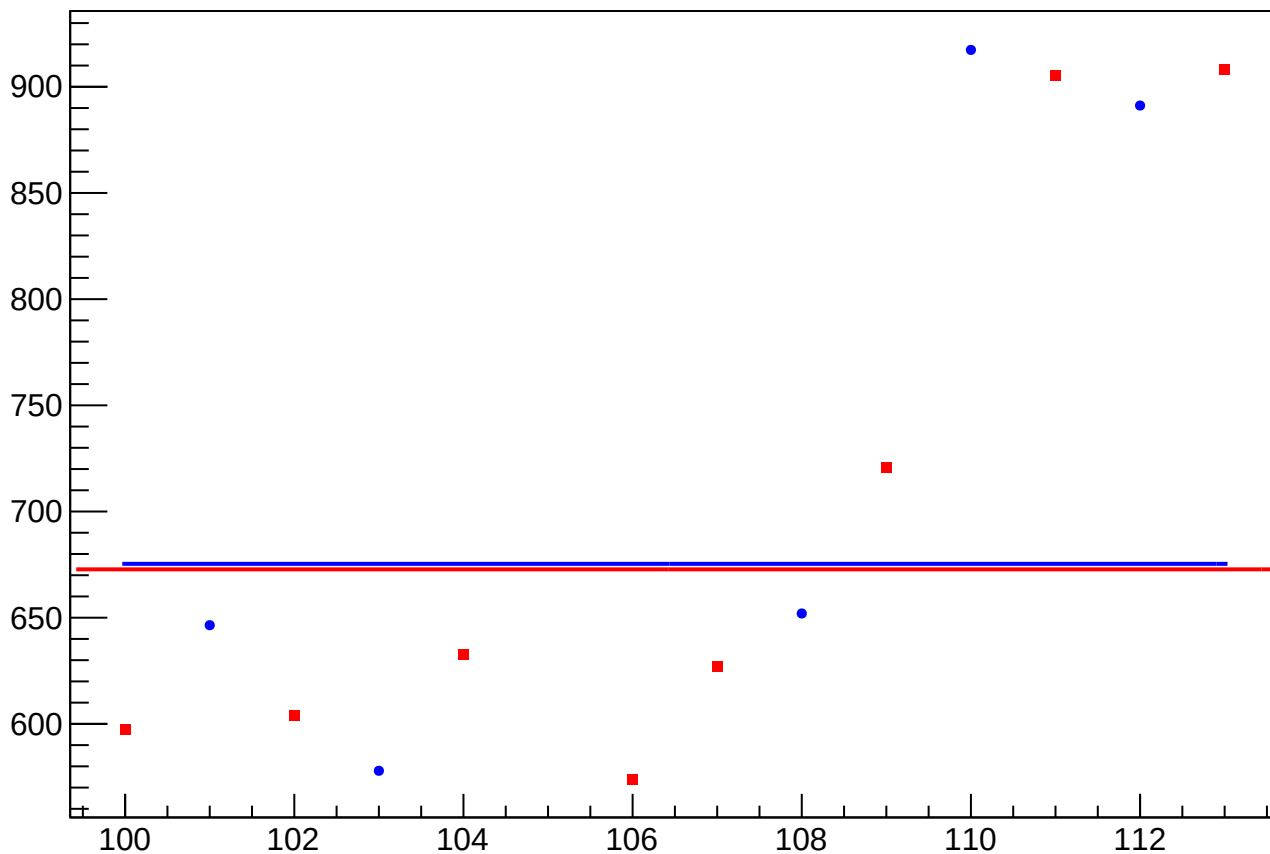
Right: -412.278+/-285.159 χ^2/NDF : 6.9/12

In: -287.419+/-431.317 χ^2/NDF : 0.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -412.278+/-285.159 χ^2/NDF : 6.9/12

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: 672.767+/-0.269 χ^2/NDF : 171092.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

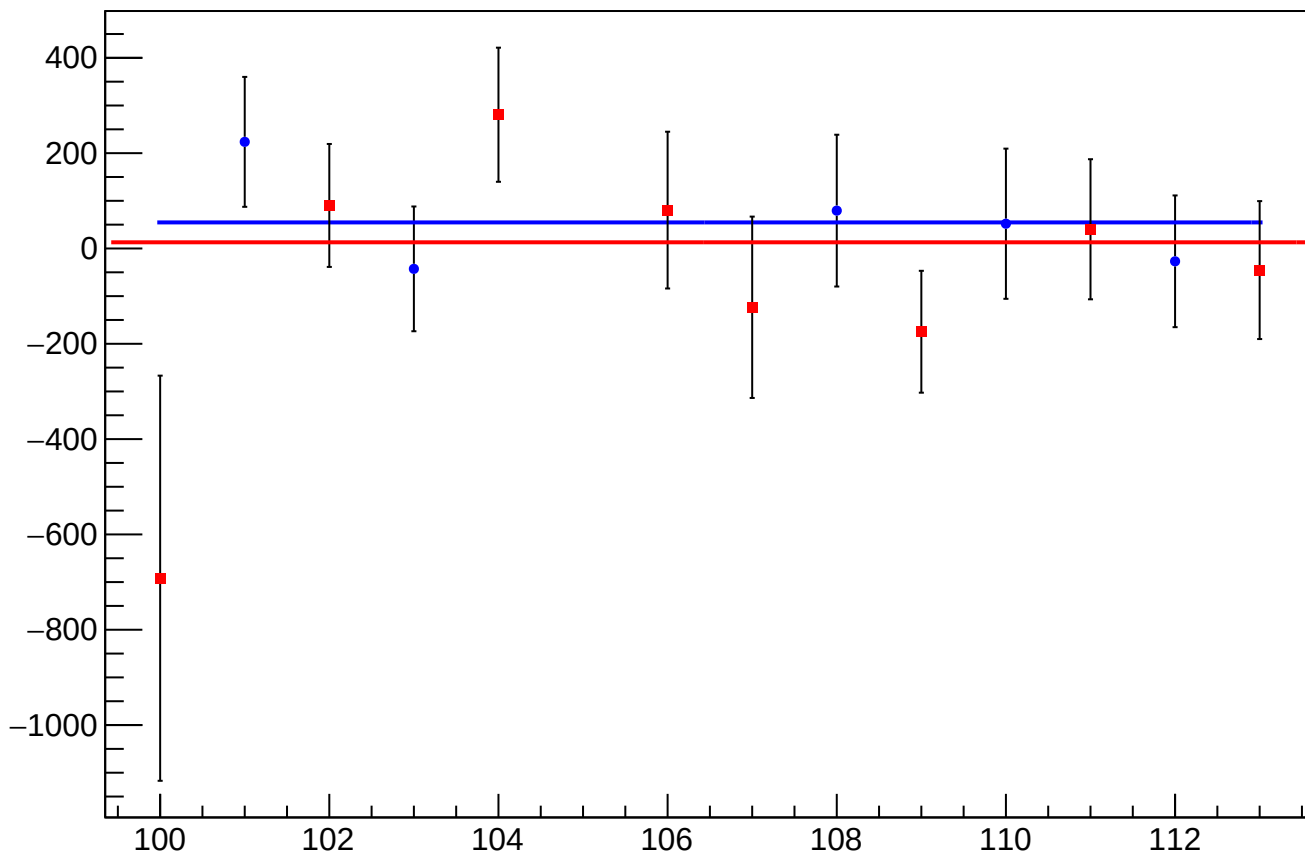
Right: 673.903+/-0.202 χ^2/NDF : 319814.3/12

In: 675.365+/-0.305 χ^2/NDF : 148681.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 673.903+/-0.202 χ^2/NDF : 319814.3/12

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: 12.951+/-54.561 χ^2/NDF : 9.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

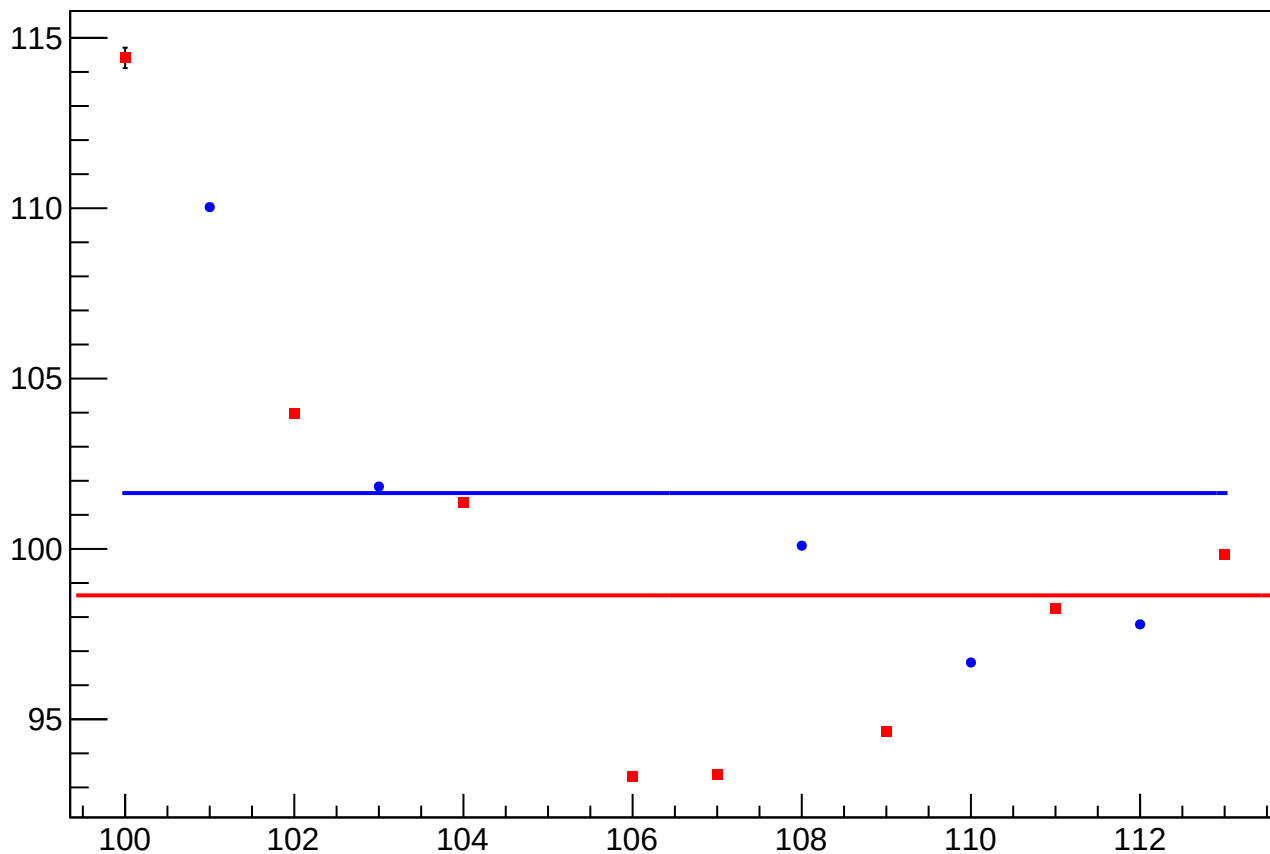
Right: 30.523+/-41.516 χ^2/NDF : 12.5/12

In: 54.688+/-63.983 χ^2/NDF : 2.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.523+/-41.516 χ^2/NDF : 12.5/12

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: 98.637 $\pm$ 0.039 χ^2 /NDF: 12660.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

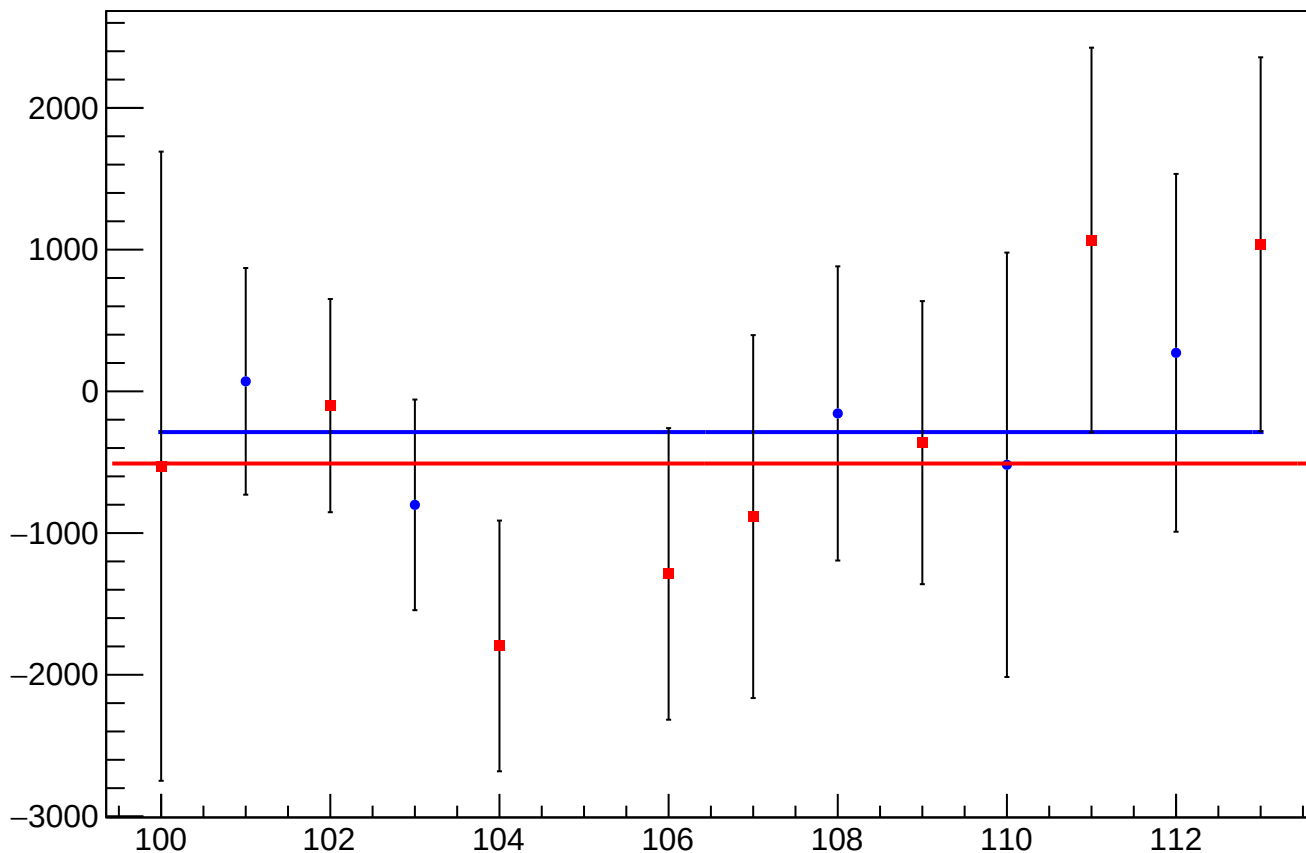
Right: 99.901 $\pm$ 0.029 χ^2 /NDF: 26535.2/12

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: 99.901 $\pm$ 0.029 χ^2 /NDF: 26535.2/12

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: -509.233+/-380.077 χ^2/NDF : 5.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

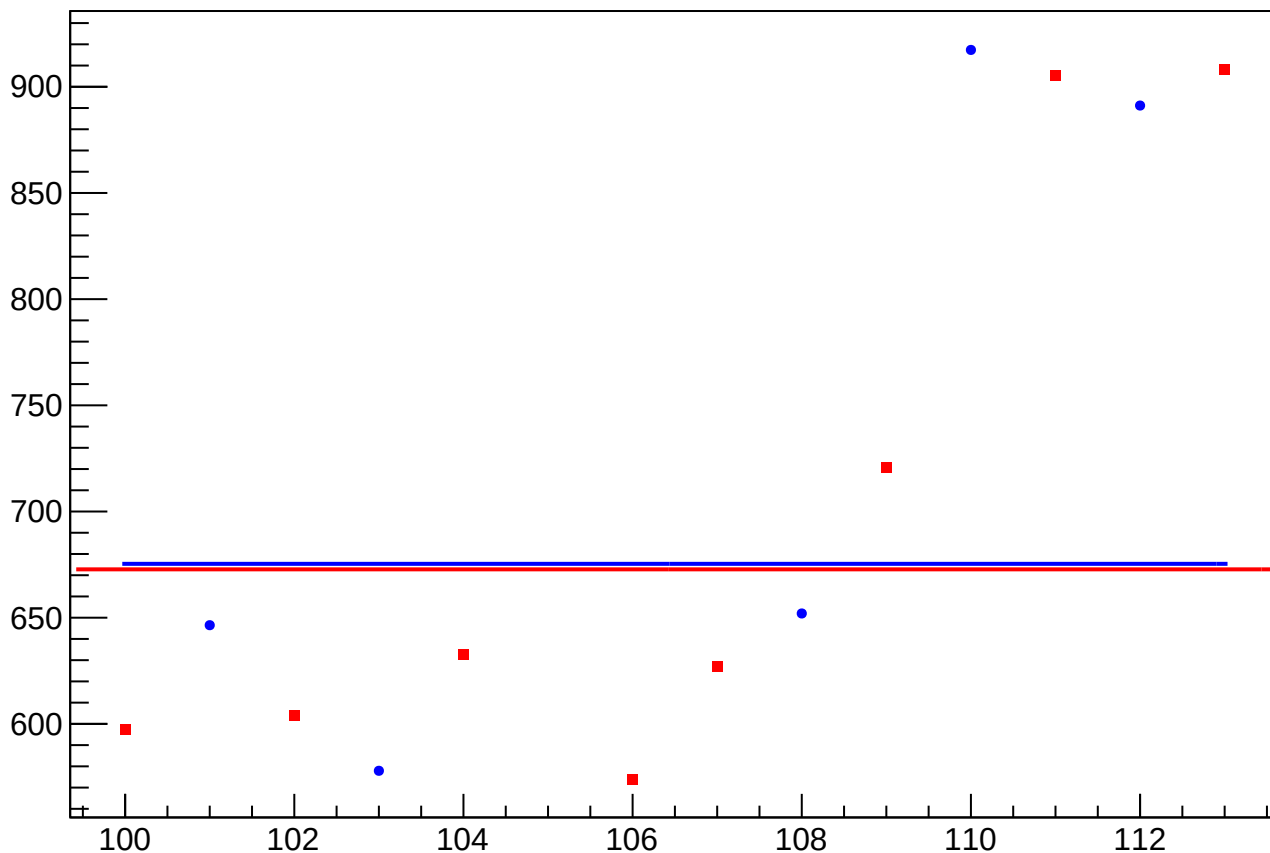
Right: -412.277+/-285.159 χ^2/NDF : 6.9/12

In: -287.418+/-431.317 χ^2/NDF : 0.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -412.277+/-285.159 χ^2/NDF : 6.9/12

asym_sam_15_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 675.364 $\pm$ 0.305 χ^2 /NDF: 148681.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 672.766 $\pm$ 0.269 χ^2 /NDF: 171091.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

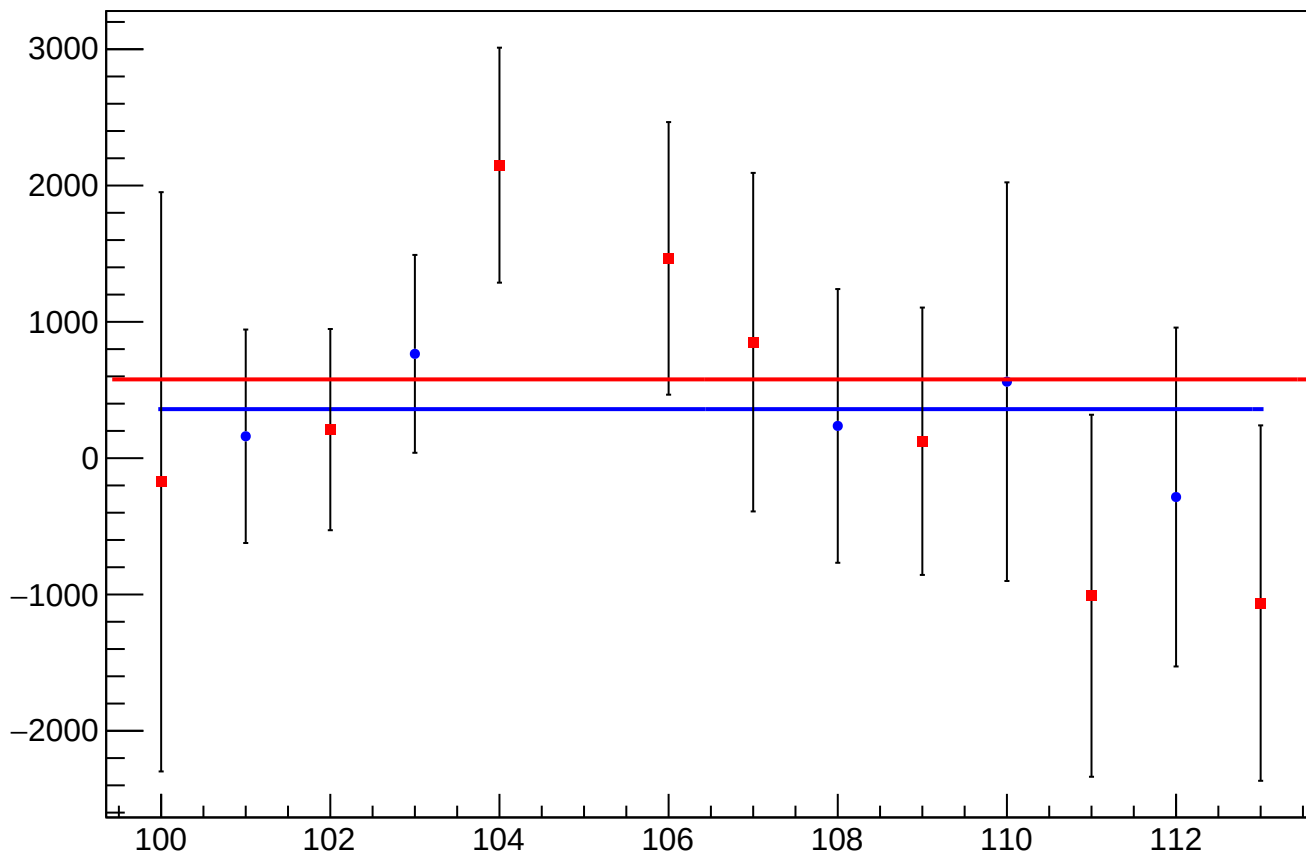
Right: 673.902 $\pm$ 0.202 χ^2 /NDF: 319813.6/12

In: 675.364 $\pm$ 0.305 χ^2 /NDF:148681.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 673.902 $\pm$ 0.202 χ^2 /NDF: 319813.6/12

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 359.768+/-421.184 χ^2/NDF : 0.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 577.959+/-371.450 χ^2/NDF : 7.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

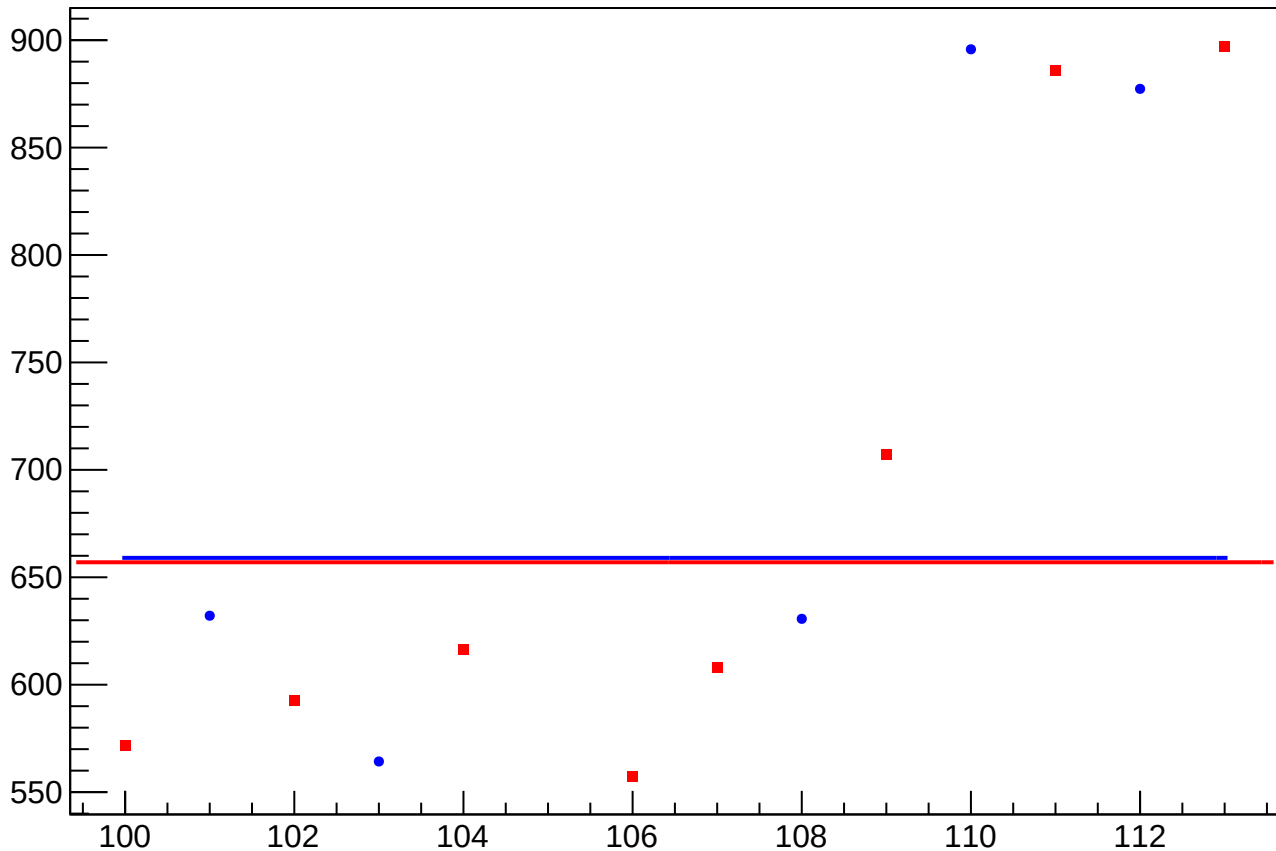
Right: 482.501+/-278.587 χ^2/NDF : 8.6/12

In: 359.768+/-421.184 χ^2/NDF : 0.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 482.501+/-278.587 χ^2/NDF : 8.6/12

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: 656.989 $\pm$ 0.263 χ^2 /NDF: 178201.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

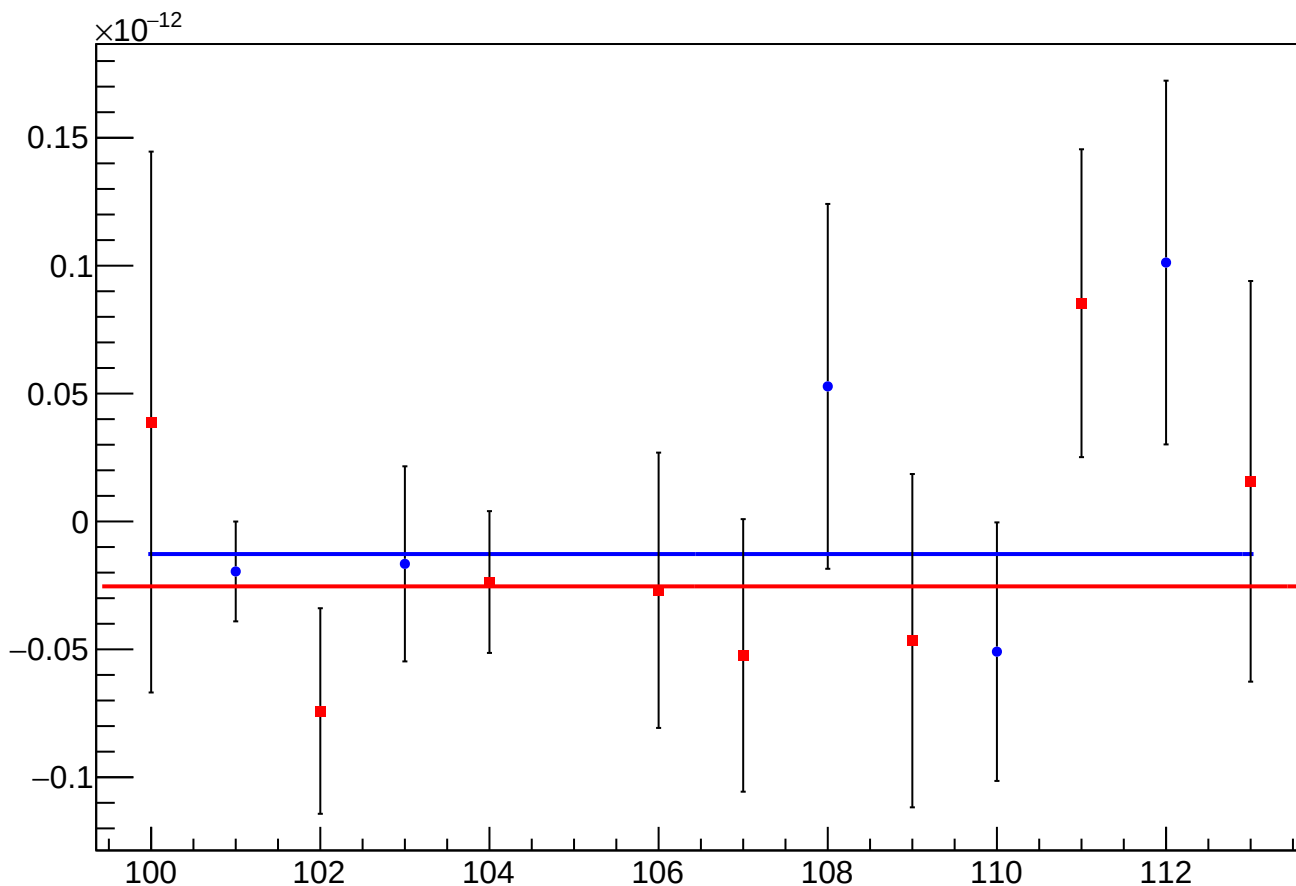
Right: 657.886 $\pm$ 0.197 χ^2 /NDF: 330404.6/12

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: 657.886 $\pm$ 0.197 χ^2 /NDF: 330404.6/12

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 : 5.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

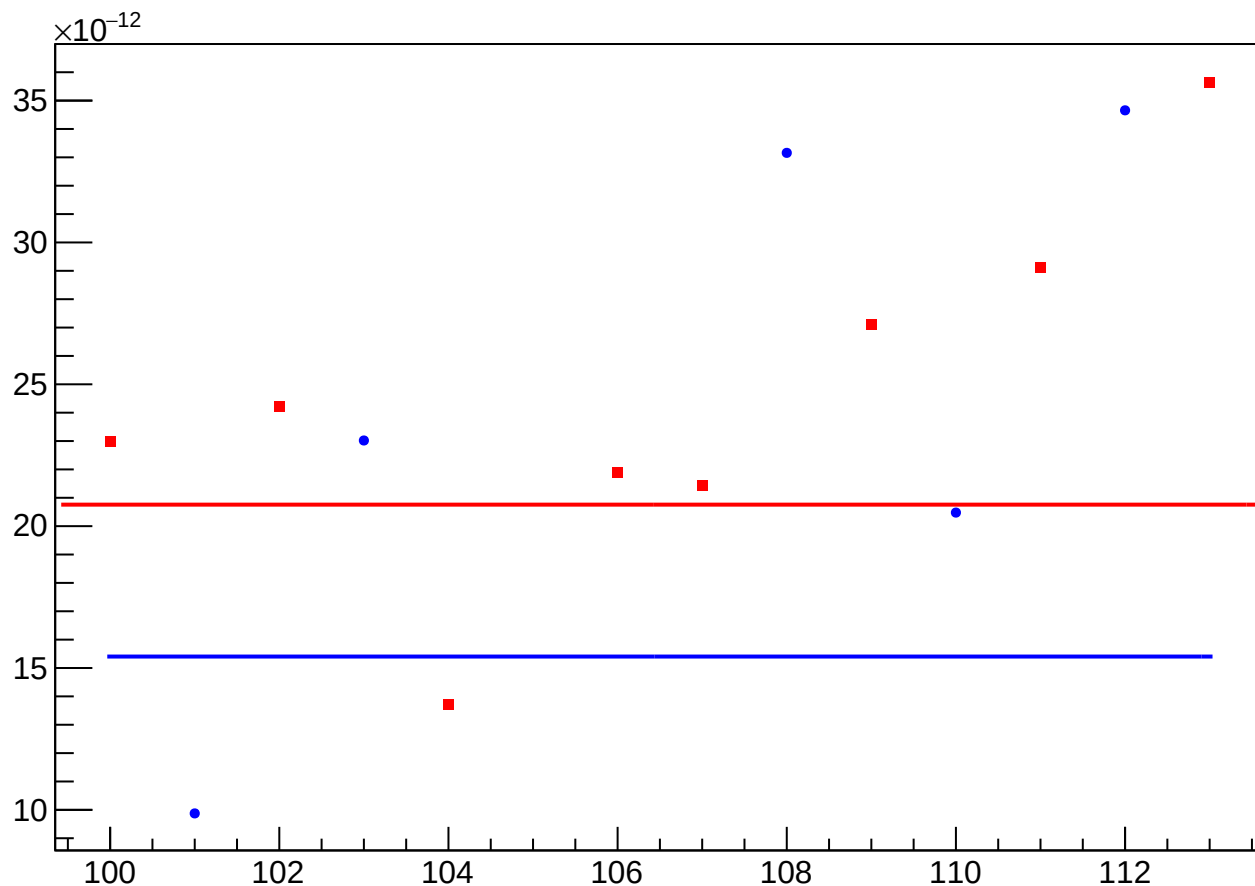
Right: -0.000+/-0.000 χ^2/NDF : 10.3/12

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 : 10.3/12

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 : 276112.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

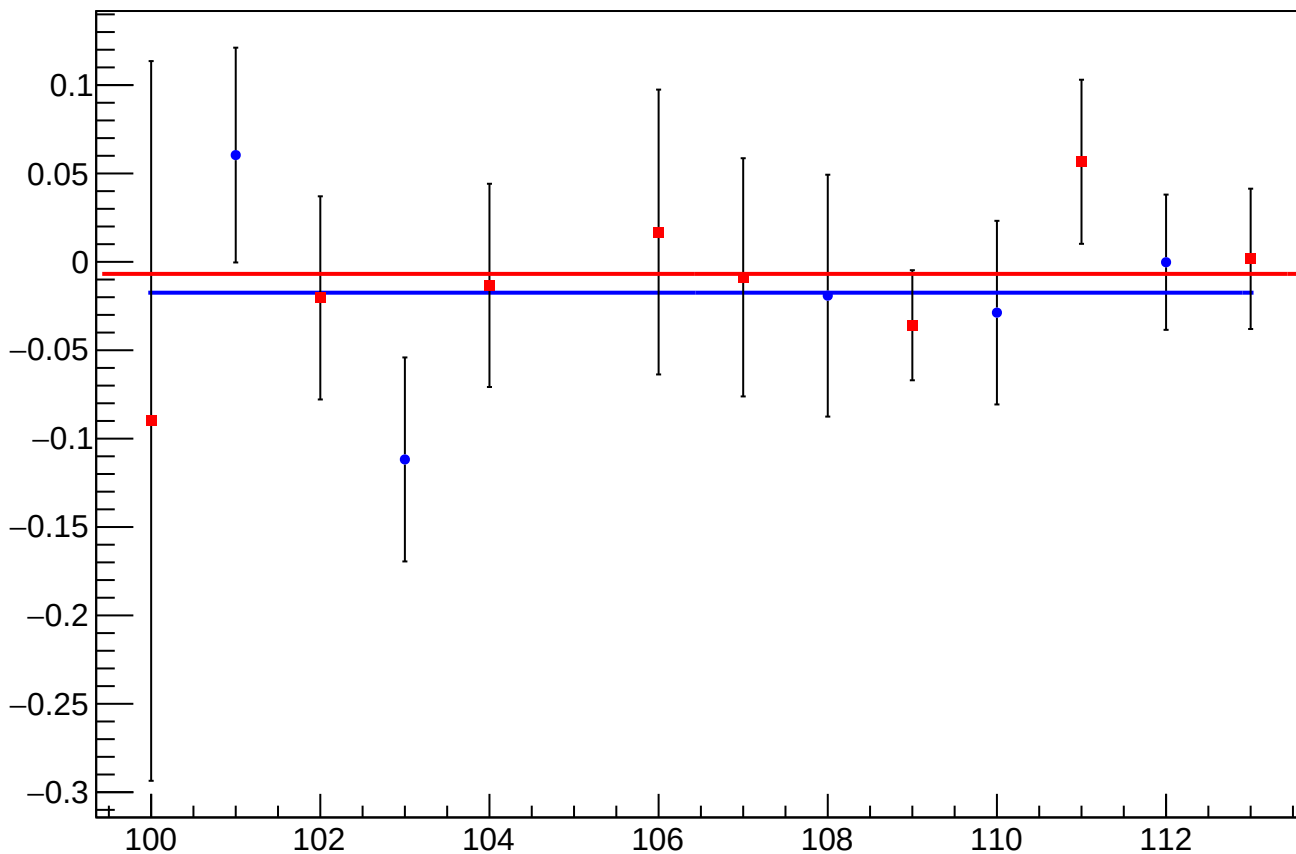
Right: 0.000+/-0.000 χ^2/NDF : 913441.6/12

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 : 913441.6/12

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: -0.007 $\pm$ 0.018 χ^2 /NDF: 3.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

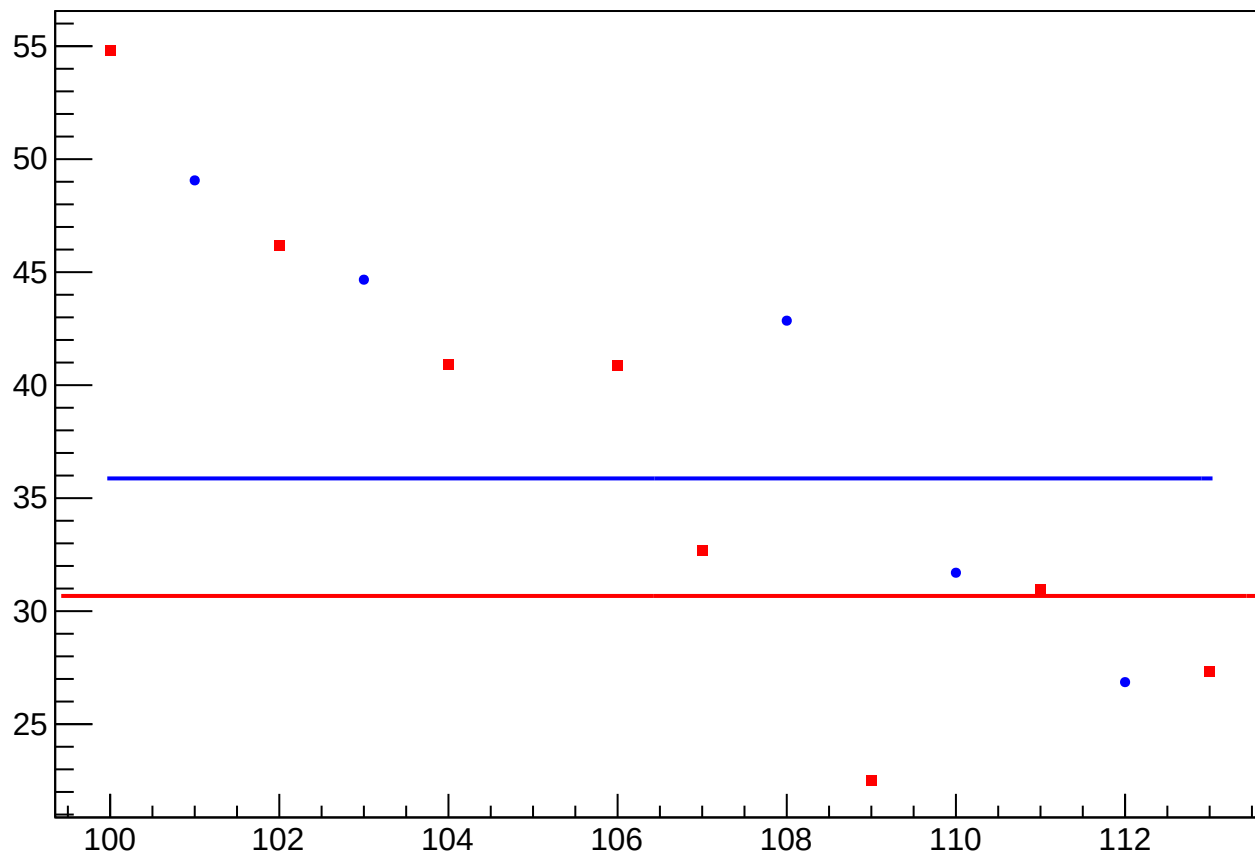
Right: -0.011 $\pm$ 0.014 χ^2 /NDF: 7.8/12

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: -0.011 $\pm$ 0.014 χ^2 /NDF: 7.8/12

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: 30.673+/-0.013 χ^2/NDF : 423109.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

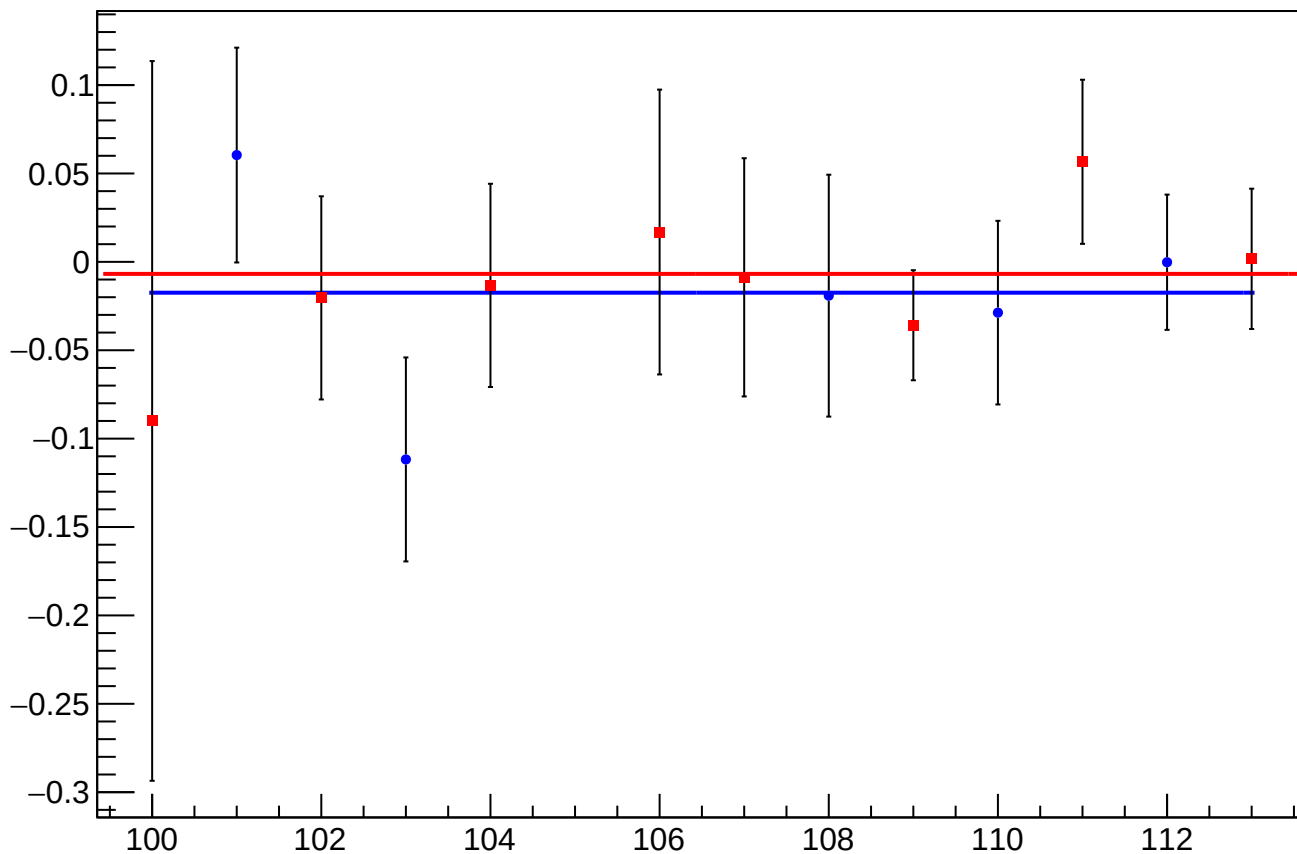
Right: 32.596+/-0.010 χ^2/NDF : 771275.9/12

In: 35.873+/-0.016 χ^2/NDF : 285484.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.596+/-0.010 χ^2/NDF : 771275.9/12

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: -0.007 $\pm$ 0.018 χ^2 /NDF: 3.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

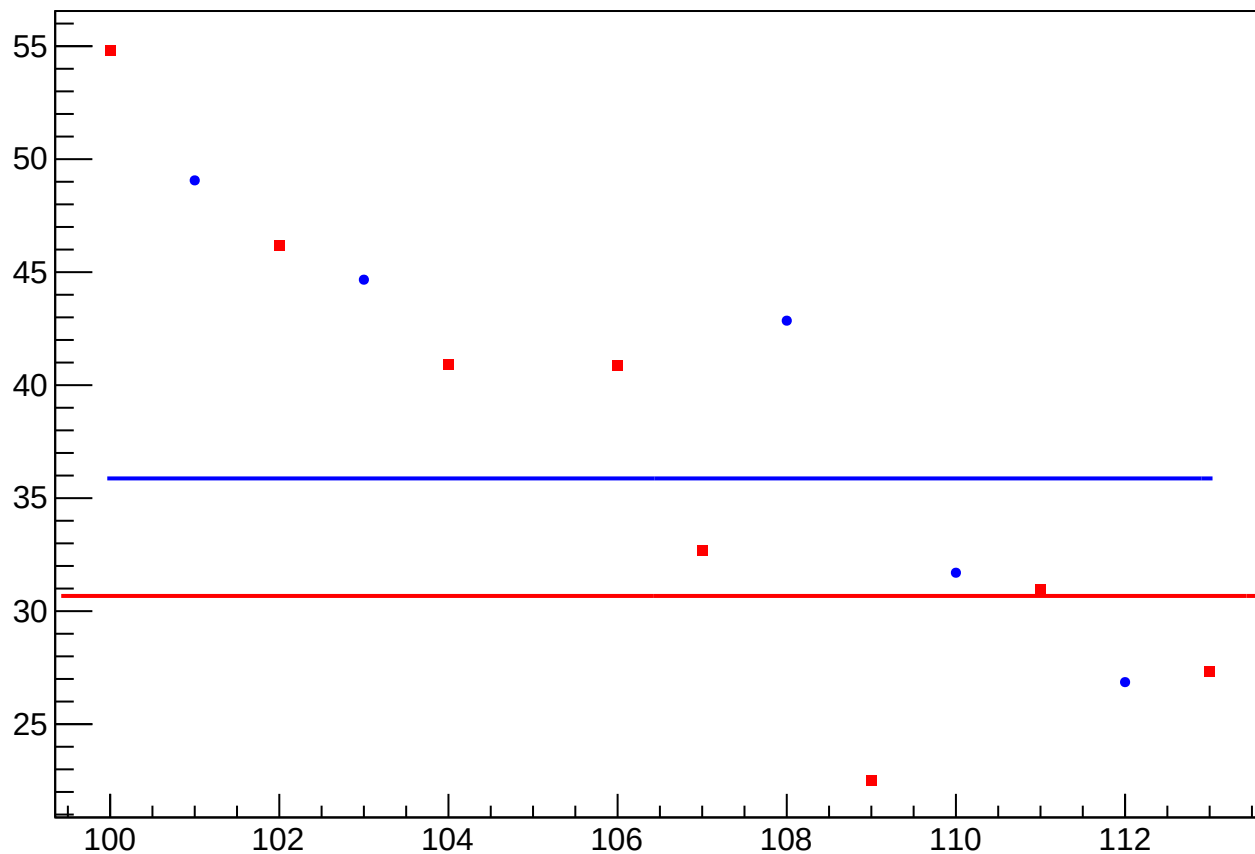
Right: -0.011 $\pm$ 0.014 χ^2 /NDF: 7.8/12

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: -0.011 $\pm$ 0.014 χ^2 /NDF: 7.8/12

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: 30.673+/-0.013 χ^2/NDF : 423109.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

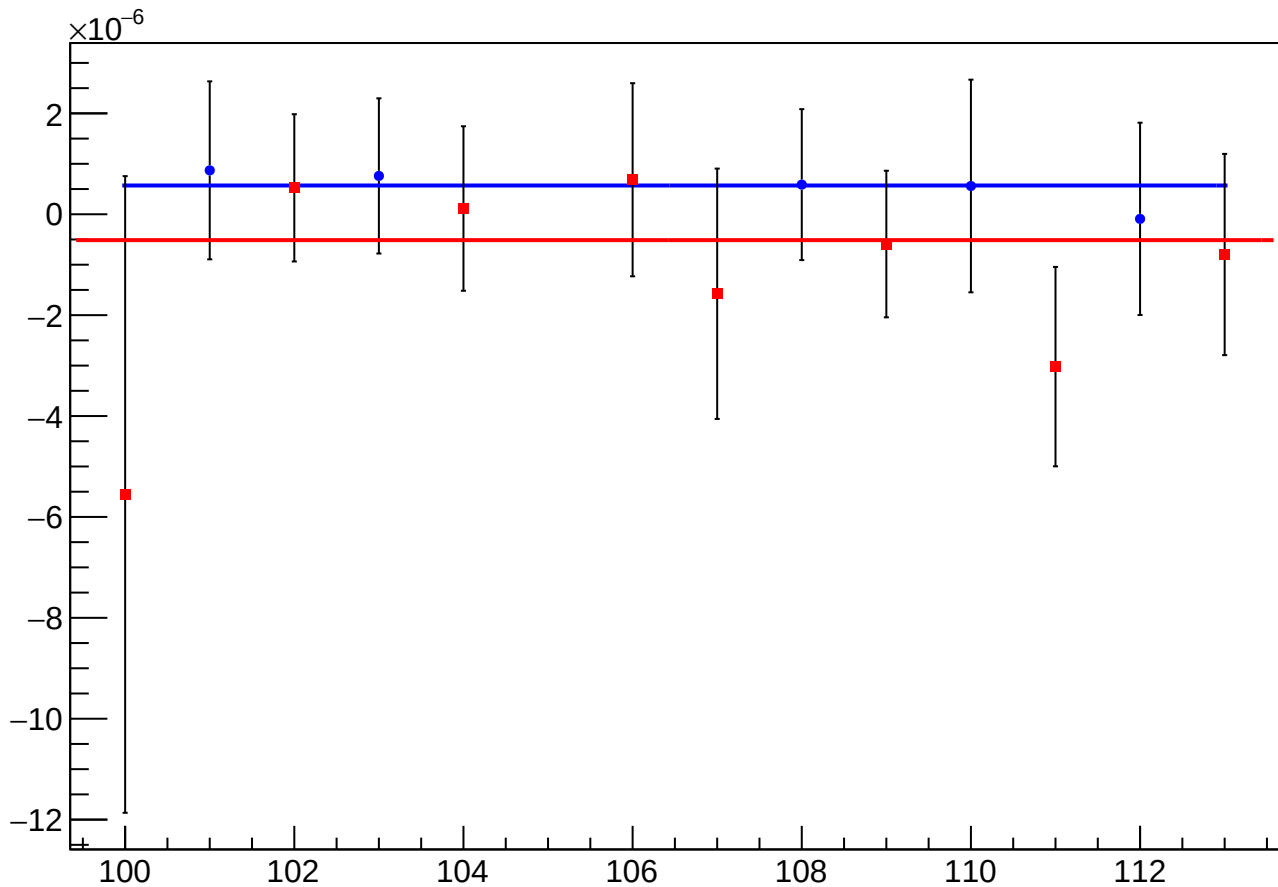
Right: 32.596+/-0.010 χ^2/NDF : 771275.9/12

In: 35.873+/-0.016 χ^2/NDF : 285484.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.596+/-0.010 χ^2/NDF : 771275.9/12

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 : 3.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

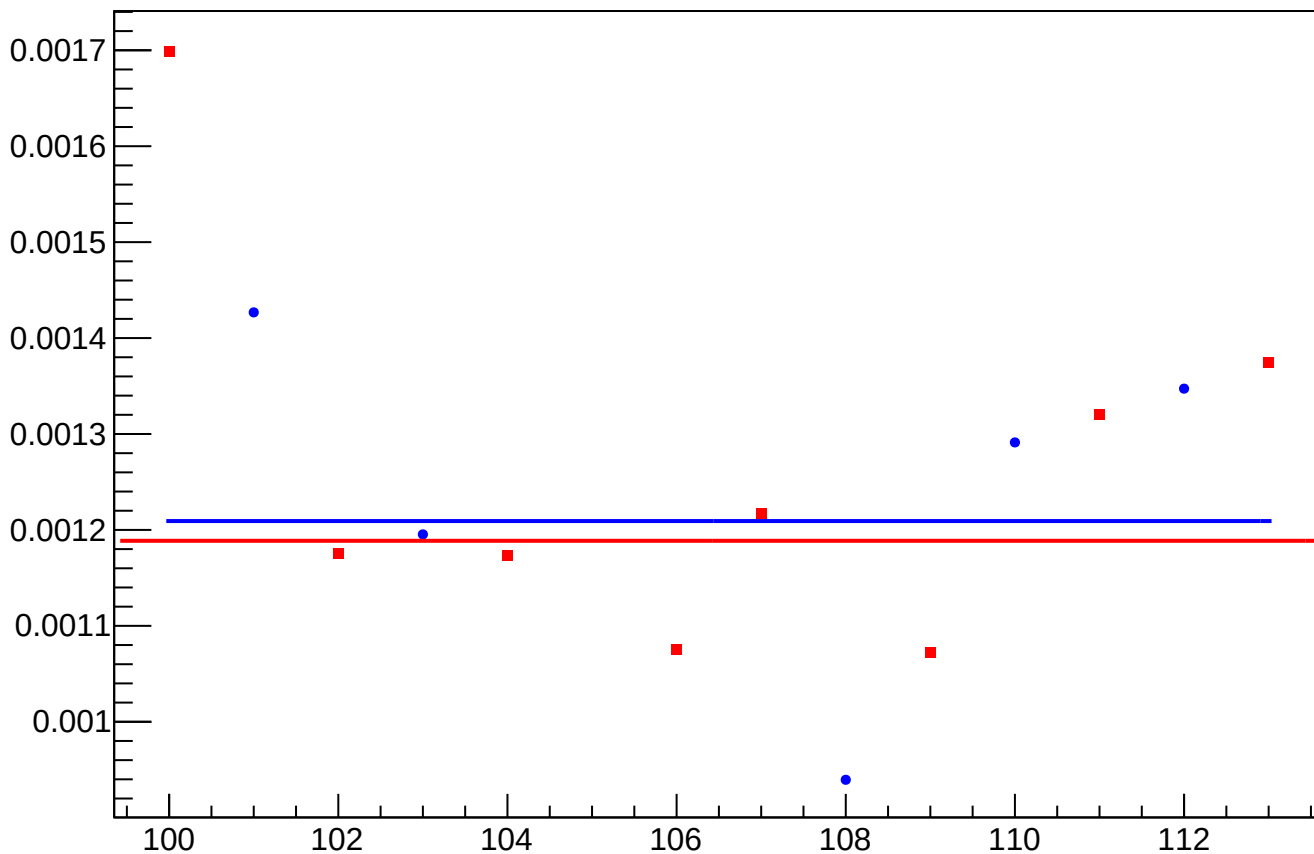
Right: -0.000+/-0.000 χ^2/NDF : 4.8/12

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 : 4.8/12

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 : 59721.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

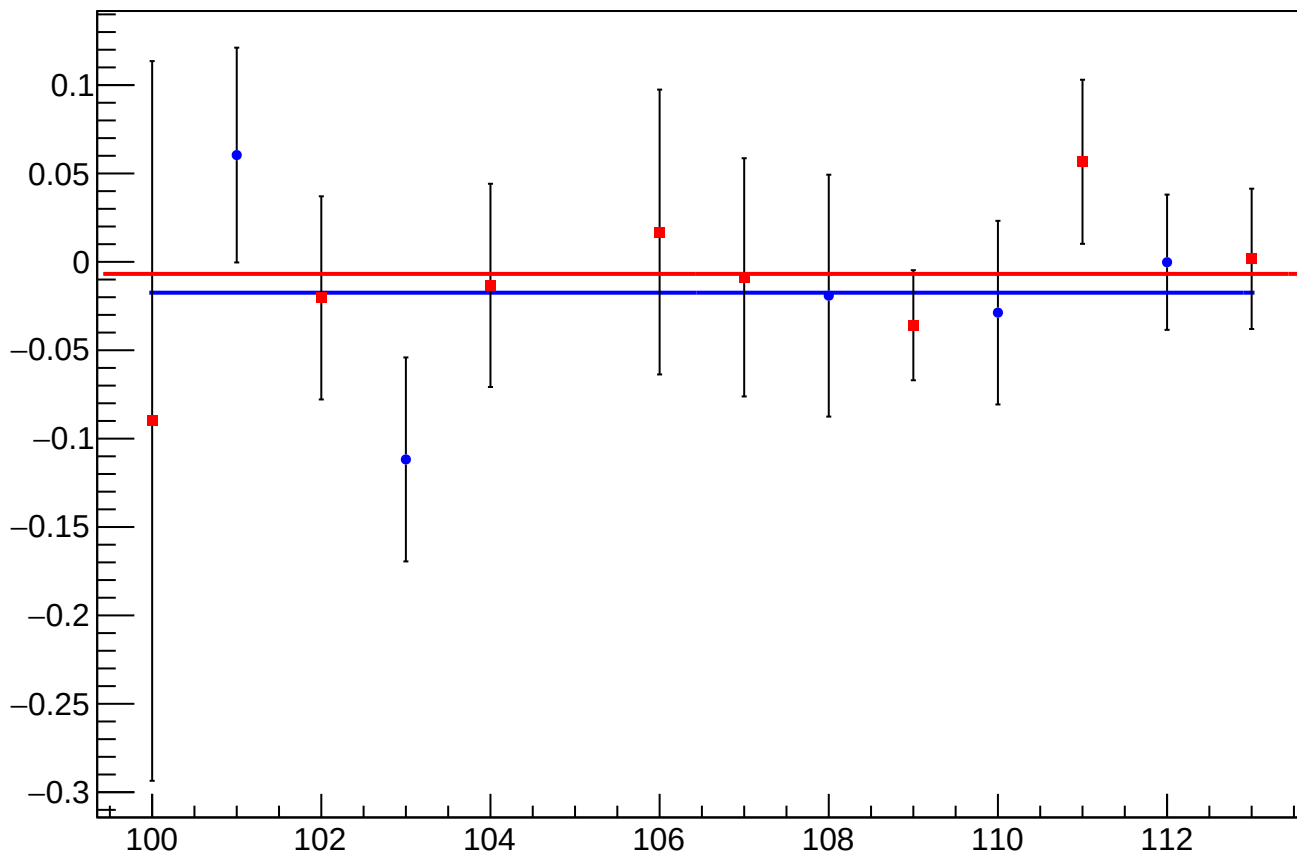
Right: 0.001+/-0.000 χ^2/NDF : 169633.0/12

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 : 169633.0/12

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: -0.007 $\pm$ 0.018 χ^2 /NDF: 3.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

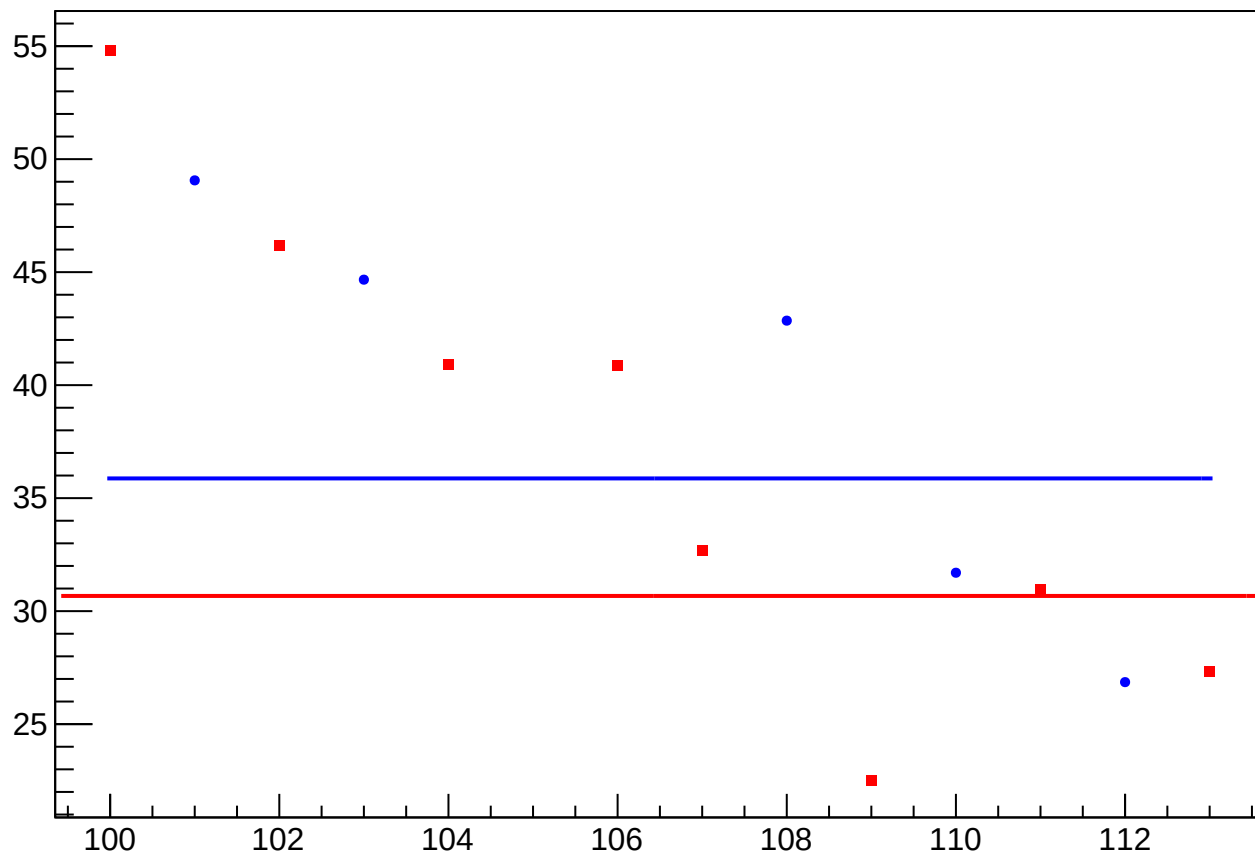
Right: -0.011 $\pm$ 0.014 χ^2 /NDF: 7.8/12

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: -0.011 $\pm$ 0.014 χ^2 /NDF: 7.8/12

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: 30.672+/-0.013 χ^2/NDF : 423137.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

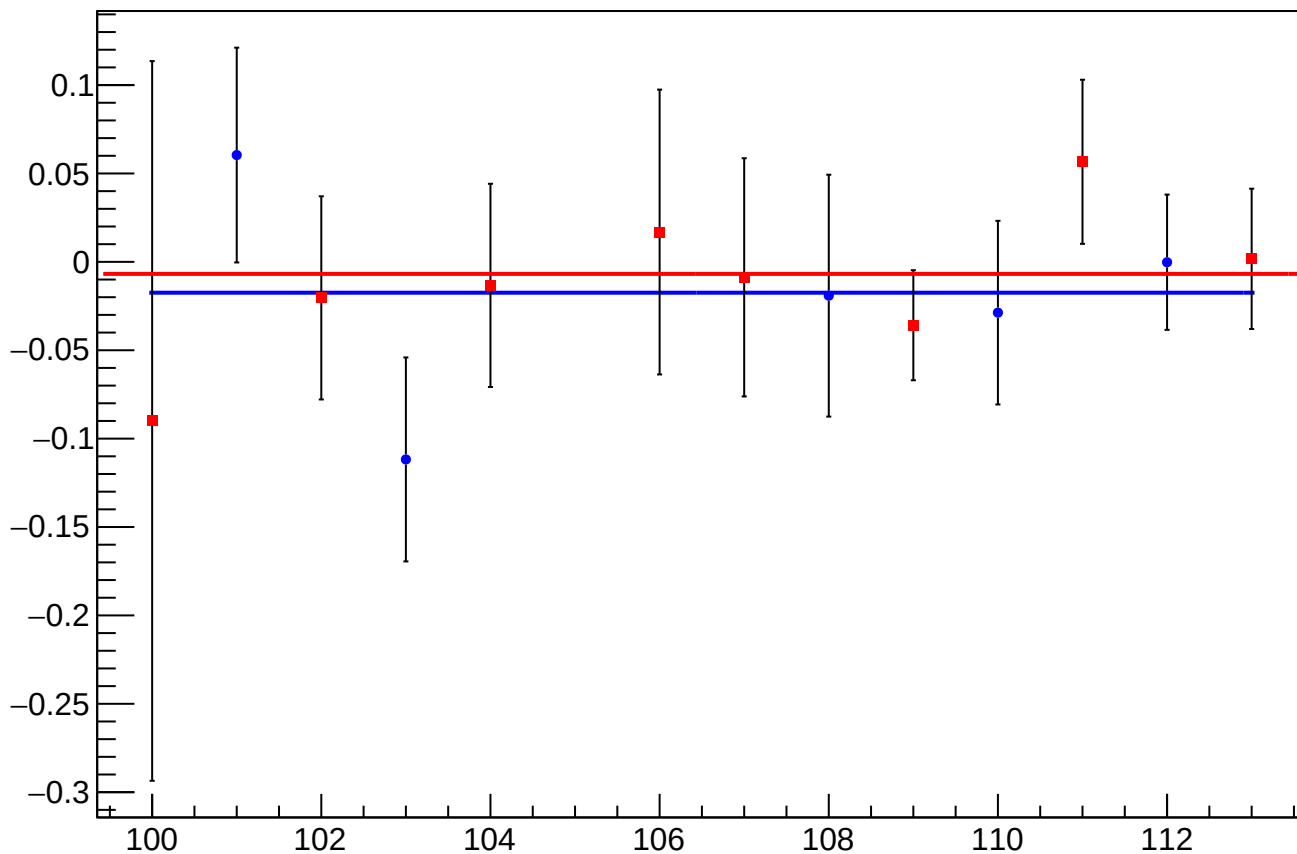
Right: 32.595+/-0.010 χ^2/NDF : 771326.2/12

In: 35.872+/-0.016 χ^2/NDF : 285504.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.595+/-0.010 χ^2/NDF : 771326.2/12

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: -0.007 $\pm$ 0.018 χ^2 /NDF: 3.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

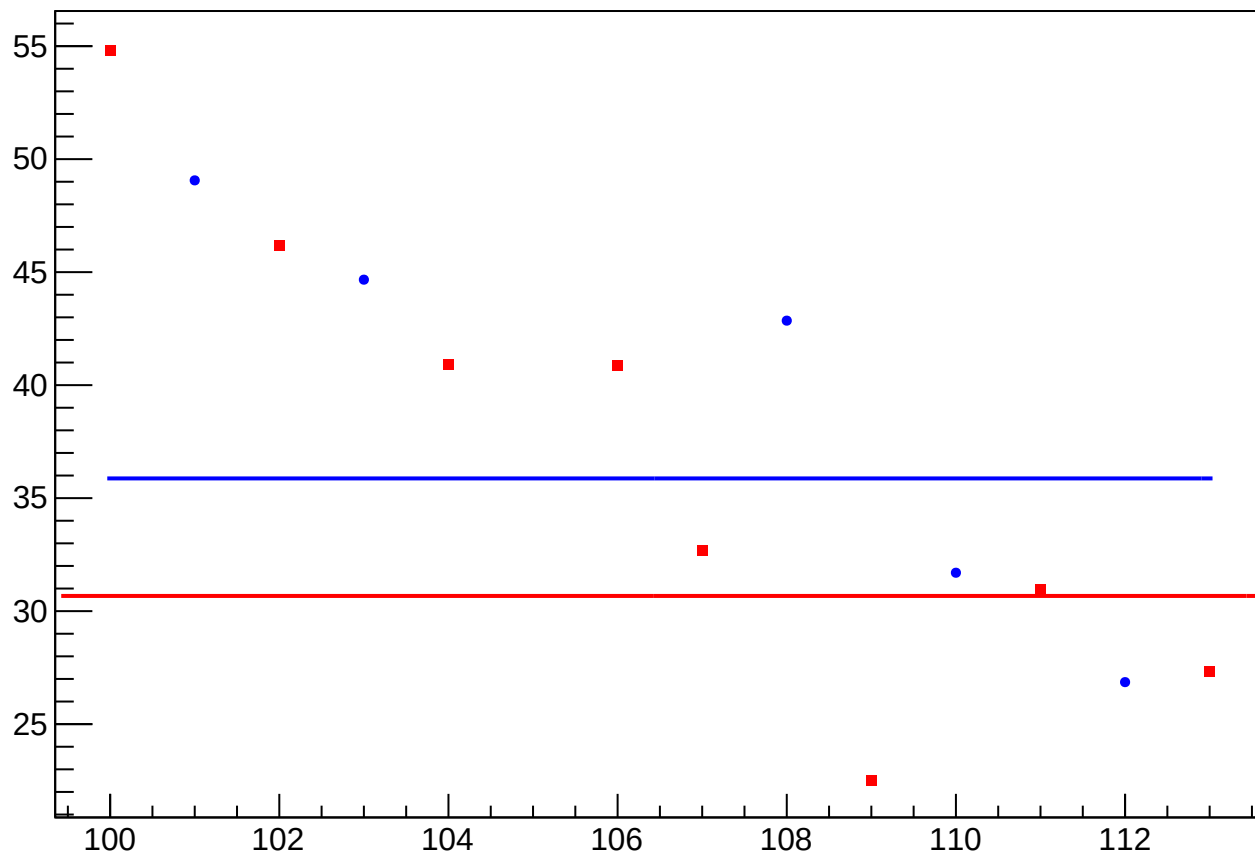
Right: -0.011 $\pm$ 0.014 χ^2 /NDF: 7.8/12

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: -0.011 $\pm$ 0.014 χ^2 /NDF: 7.8/12

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.872 $\pm$ 0.016 χ^2 /NDF: 285504.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 30.672 $\pm$ 0.013 χ^2 /NDF: 423137.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

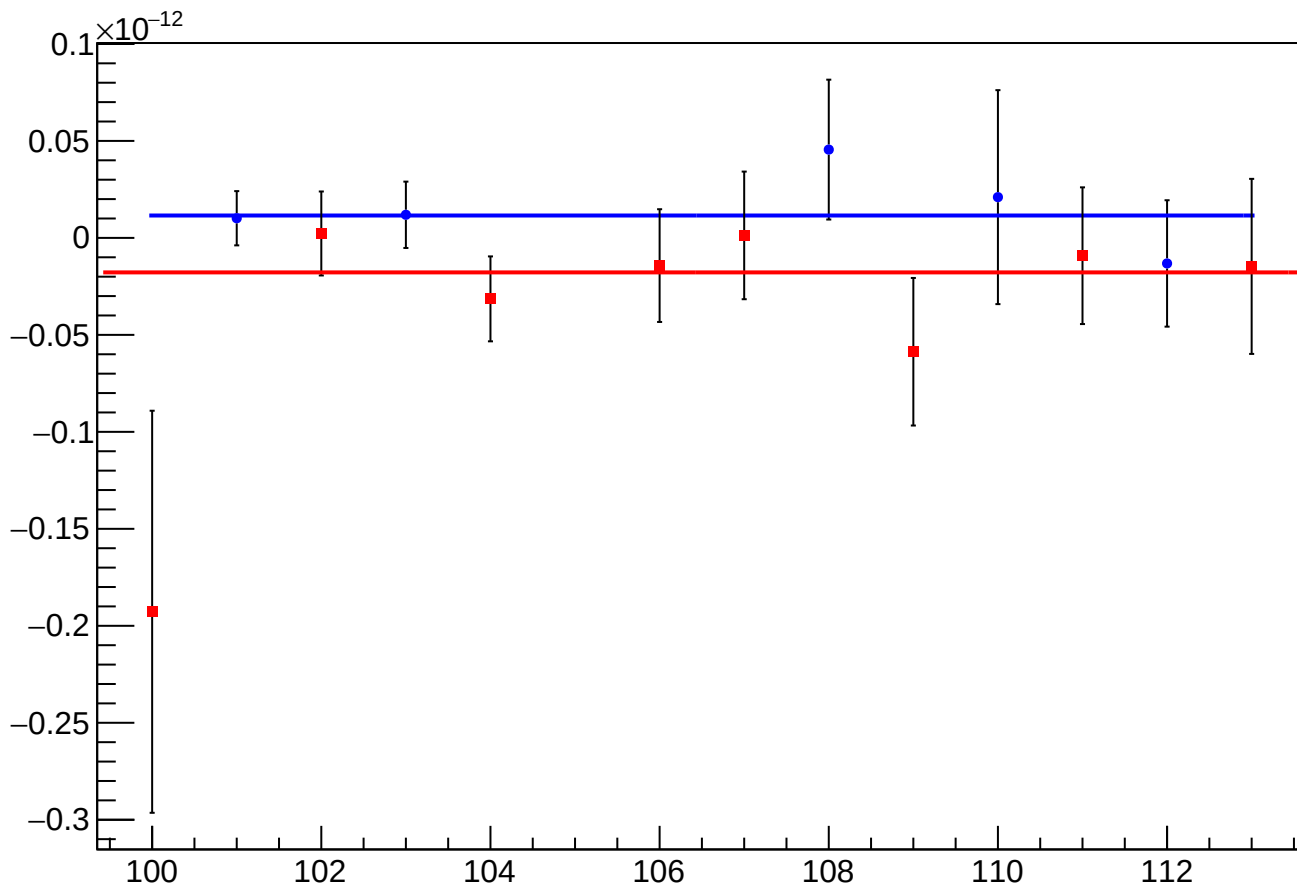
Right: 32.595 $\pm$ 0.010 χ^2 /NDF: 771326.2/12

In: 35.872 $\pm$ 0.016 χ^2 /NDF:285504.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 32.595 $\pm$ 0.010 χ^2 /NDF: 771326.2/12

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 : 5.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

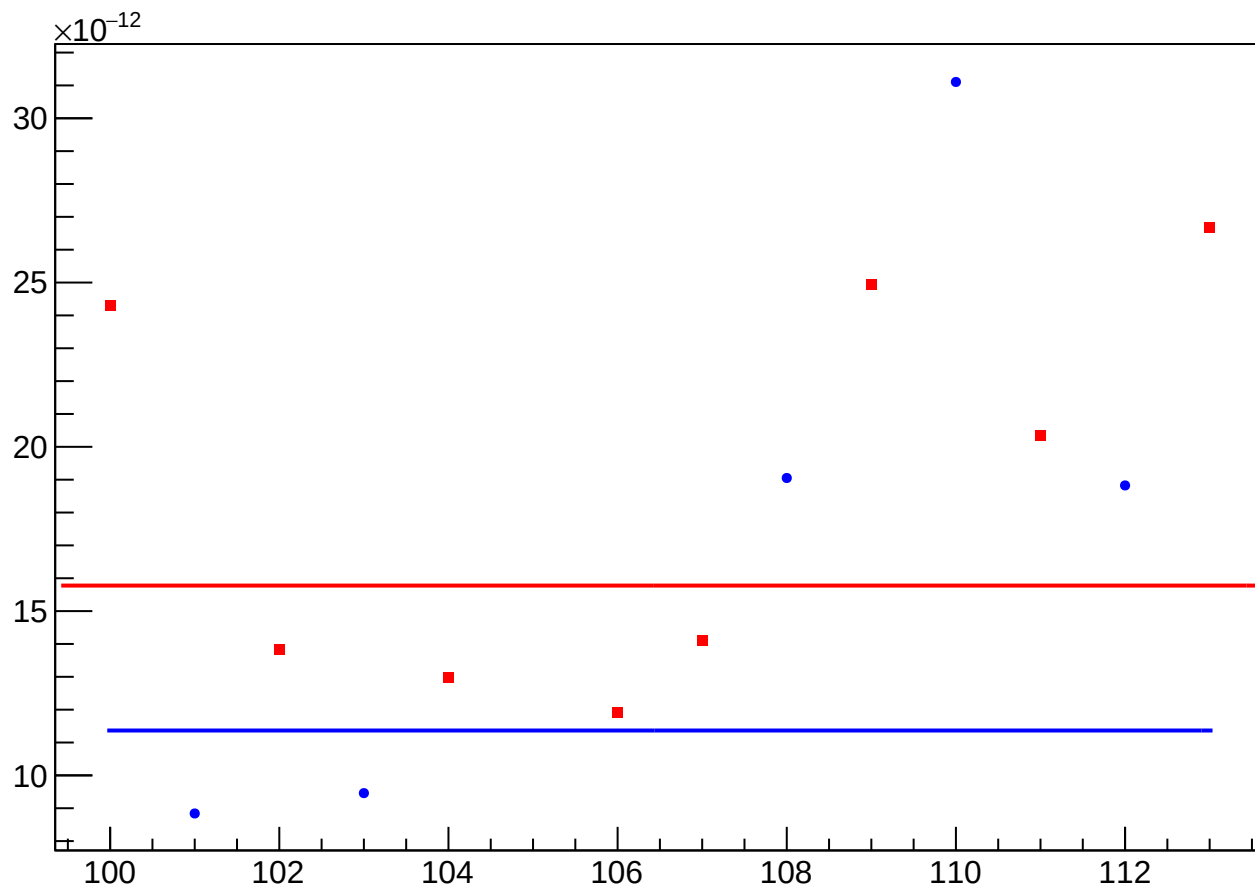
Right: -0.000+/-0.000 χ^2/NDF : 11.2/12

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 : 11.2/12

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 : 369570.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

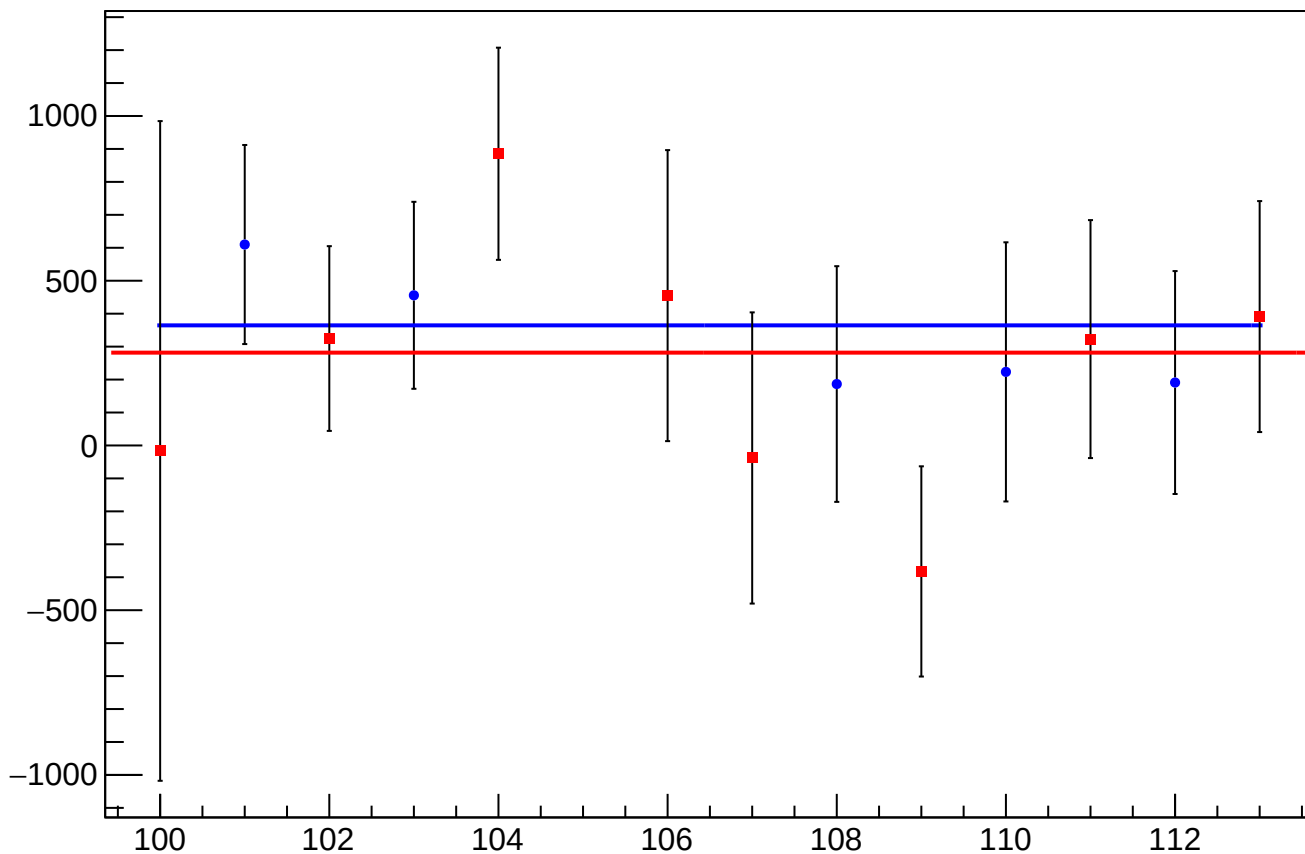
Right: 0.000+/-0.000 χ^2/NDF : 1093714.8/12

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 : 1093714.8/12

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: 281.742 $\pm$ 129.923 χ^2 /NDF: 8.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

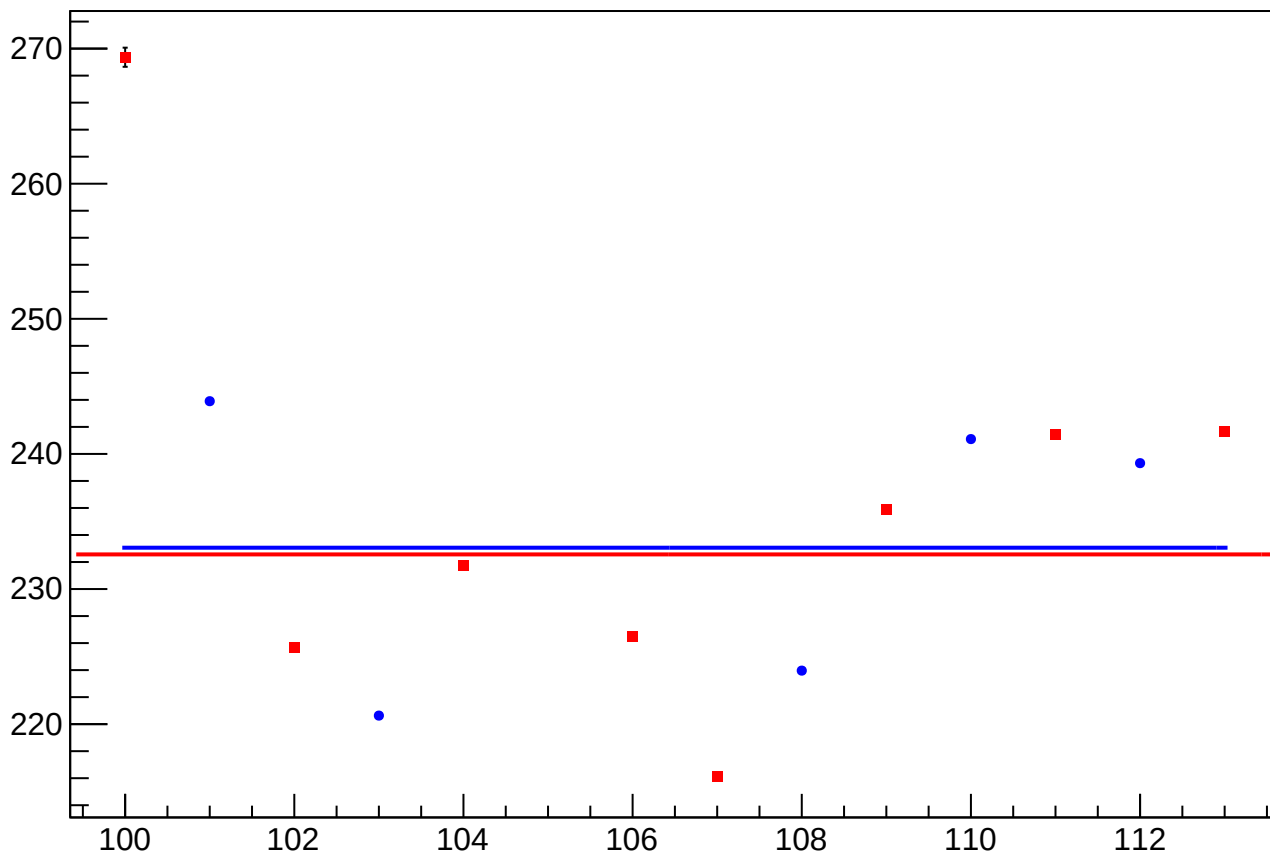
Right: 318.104 $\pm$ 97.295 χ^2 /NDF: 10.3/12

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: 318.104 $\pm$ 97.295 χ^2 /NDF: 10.3/12

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: 232.563+/-0.092 χ^2/NDF : 9844.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

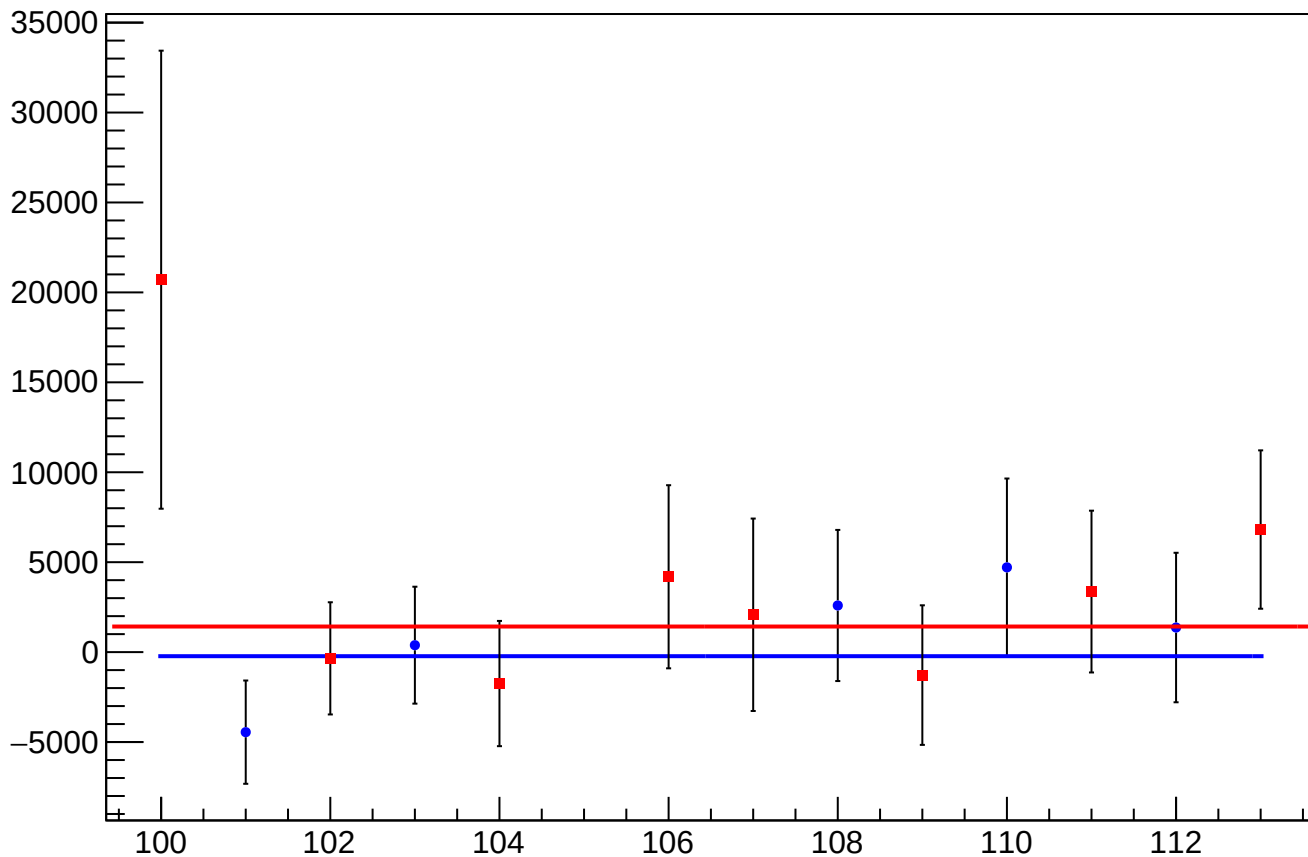
Right: 232.781+/-0.069 χ^2/NDF : 19084.5/12

In: 233.060+/-0.104 χ^2/NDF : 9226.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 232.781+/-0.069 χ^2/NDF : 19084.5/12

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: 1422.418+/-1520.728 χ^2/NDF : 5.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

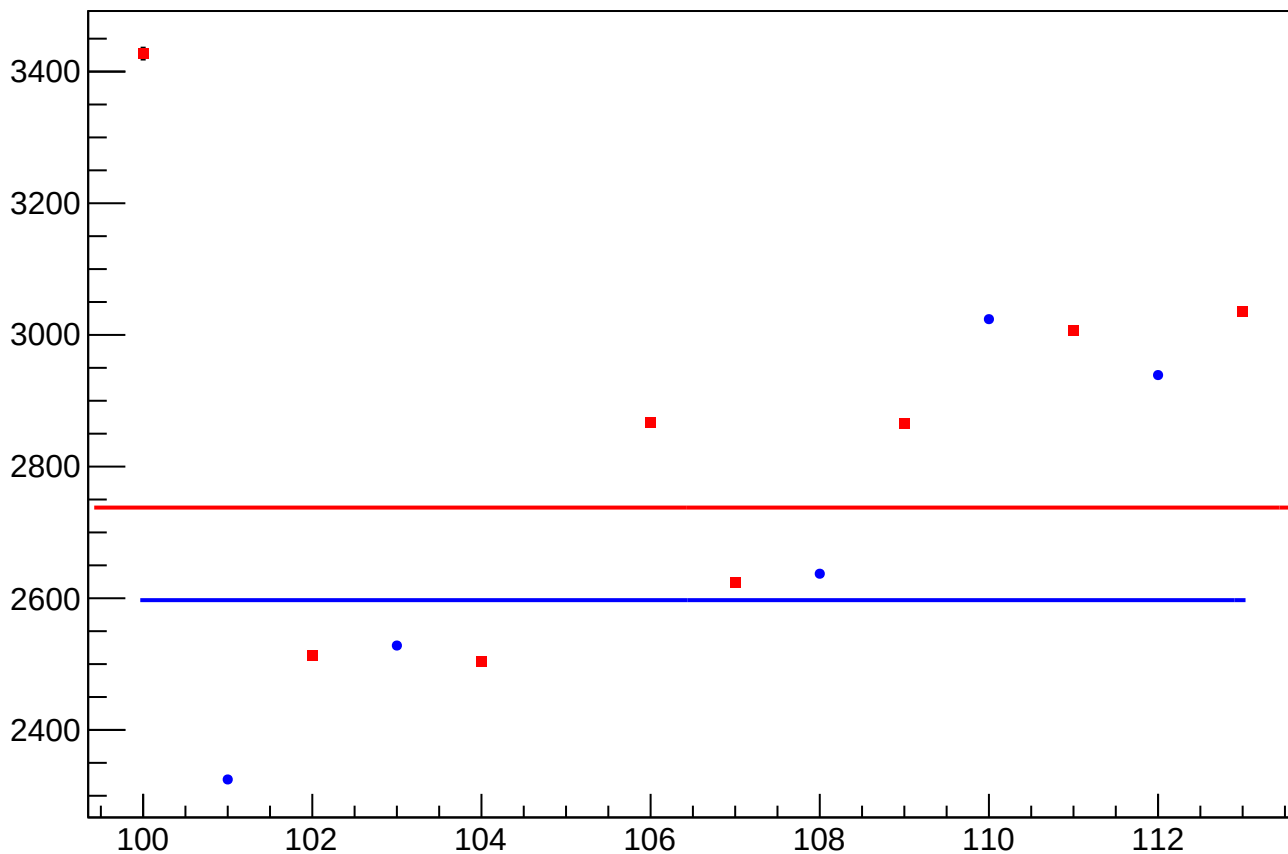
Right: 660.342+/-1115.314 χ^2/NDF : 10.3/12

In: -226.694+/-1640.678 χ^2/NDF :3.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 660.342+/-1115.314 χ^2/NDF : 10.3/12

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: 2737.755+/-1.075 χ^2/NDF : 45837.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

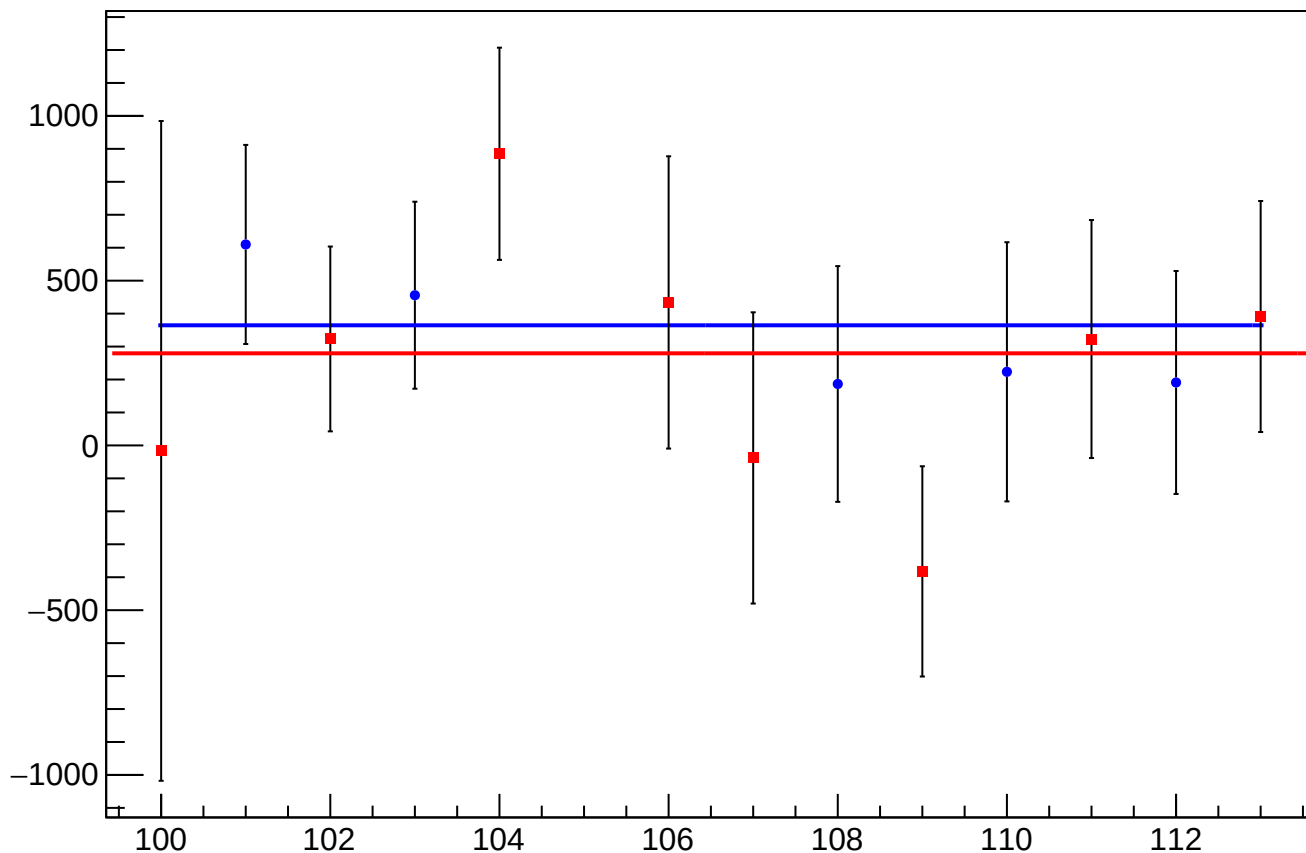
Right: 2672.771+/-0.789 χ^2/NDF : 101290.2/12

In: 2597.132+/-1.160 χ^2/NDF : 47549.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2672.771+/-0.789 χ^2/NDF : 101290.2/12

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: 279.473 $\pm$ 129.977 χ^2 /NDF: 8.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

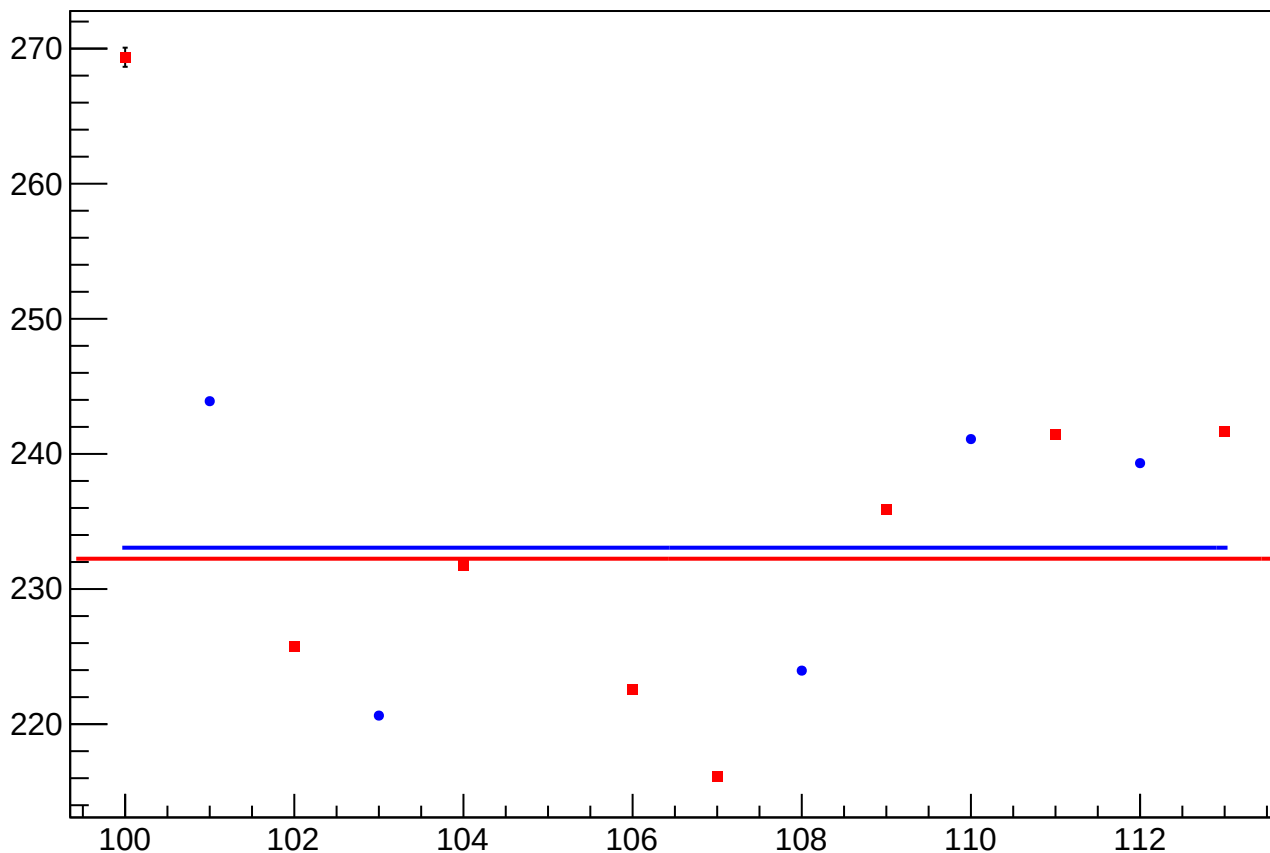
Right: 316.863 $\pm$ 97.318 χ^2 /NDF: 10.3/12

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: 316.863 $\pm$ 97.318 χ^2 /NDF: 10.3/12

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: 232.244 $\pm$ 0.092 χ^2 /NDF: 10451.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

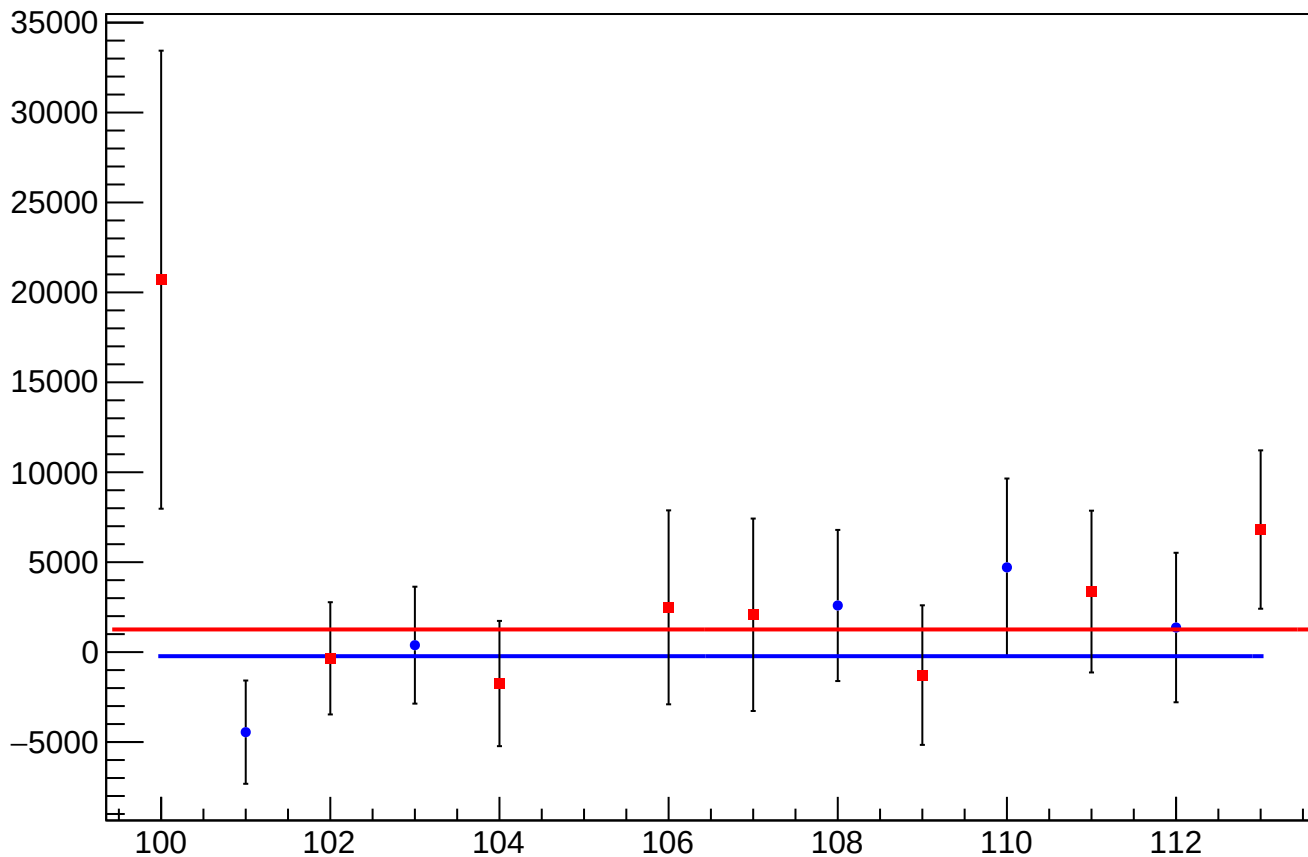
Right: 232.603 $\pm$ 0.069 χ^2 /NDF: 19712.8/12

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: 232.603 $\pm$ 0.069 χ^2 /NDF: 19712.8/12

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: 1259.646+/-1528.290 χ^2/NDF : 5.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

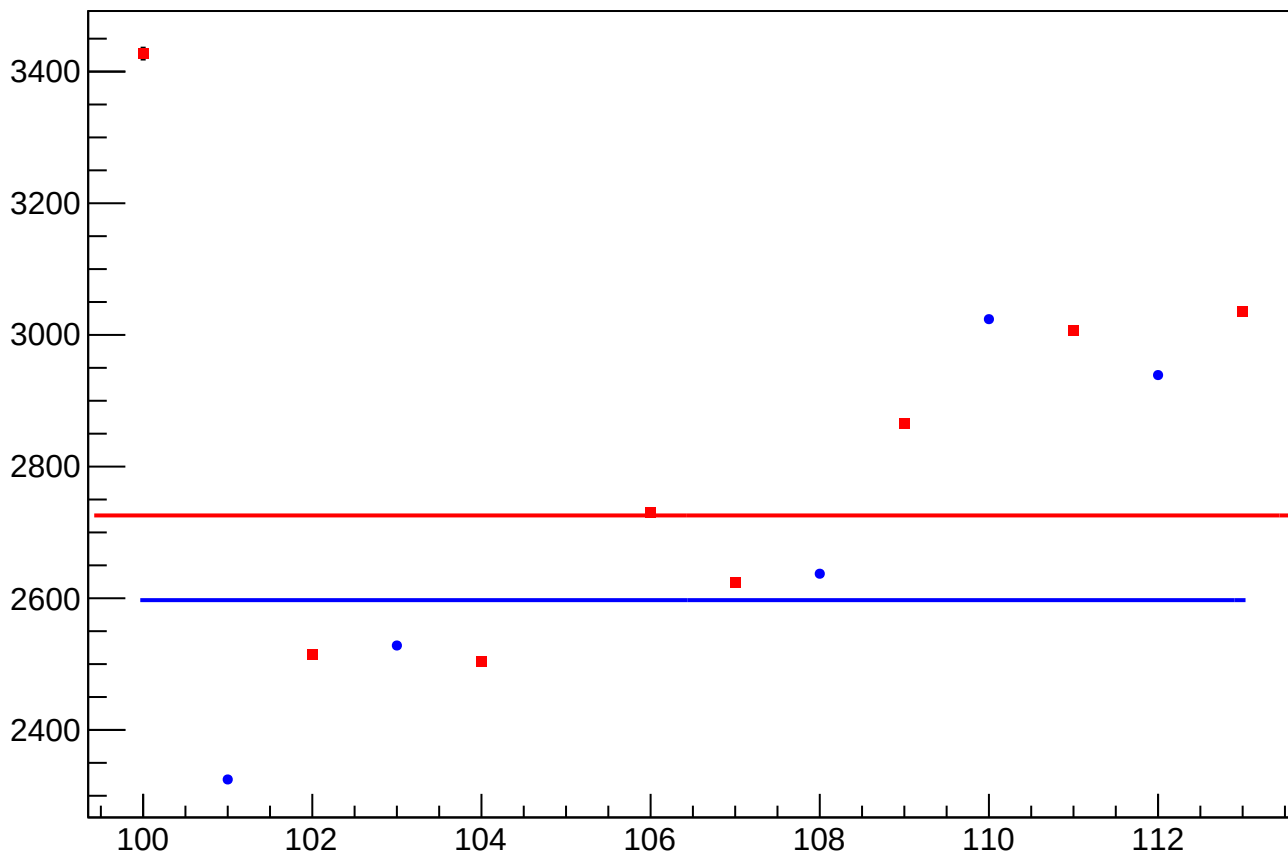
Right: 569.213+/-1118.290 χ^2/NDF : 9.9/12

In: -226.511+/-1640.689 χ^2/NDF : 3.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 569.213+/-1118.290 χ^2/NDF : 9.9/12

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: 2725.800+/-1.081 χ^2/NDF : 44341.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

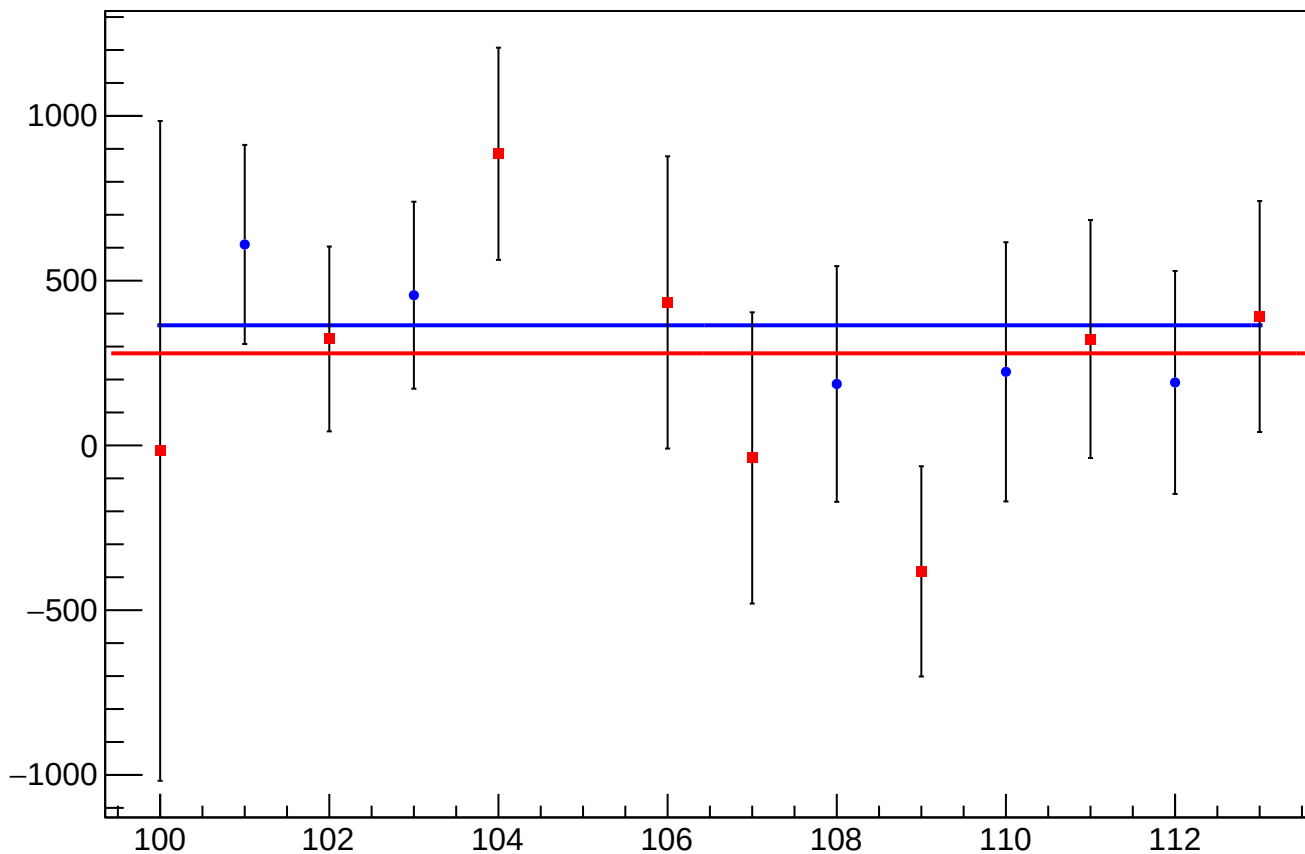
Right: 2666.032+/-0.791 χ^2/NDF : 98473.5/12

In: 2597.149+/-1.160 χ^2/NDF : 47547.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2666.032+/-0.791 χ^2/NDF : 98473.5/12

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: 279.473 $\pm$ 129.977 χ^2 /NDF: 8.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

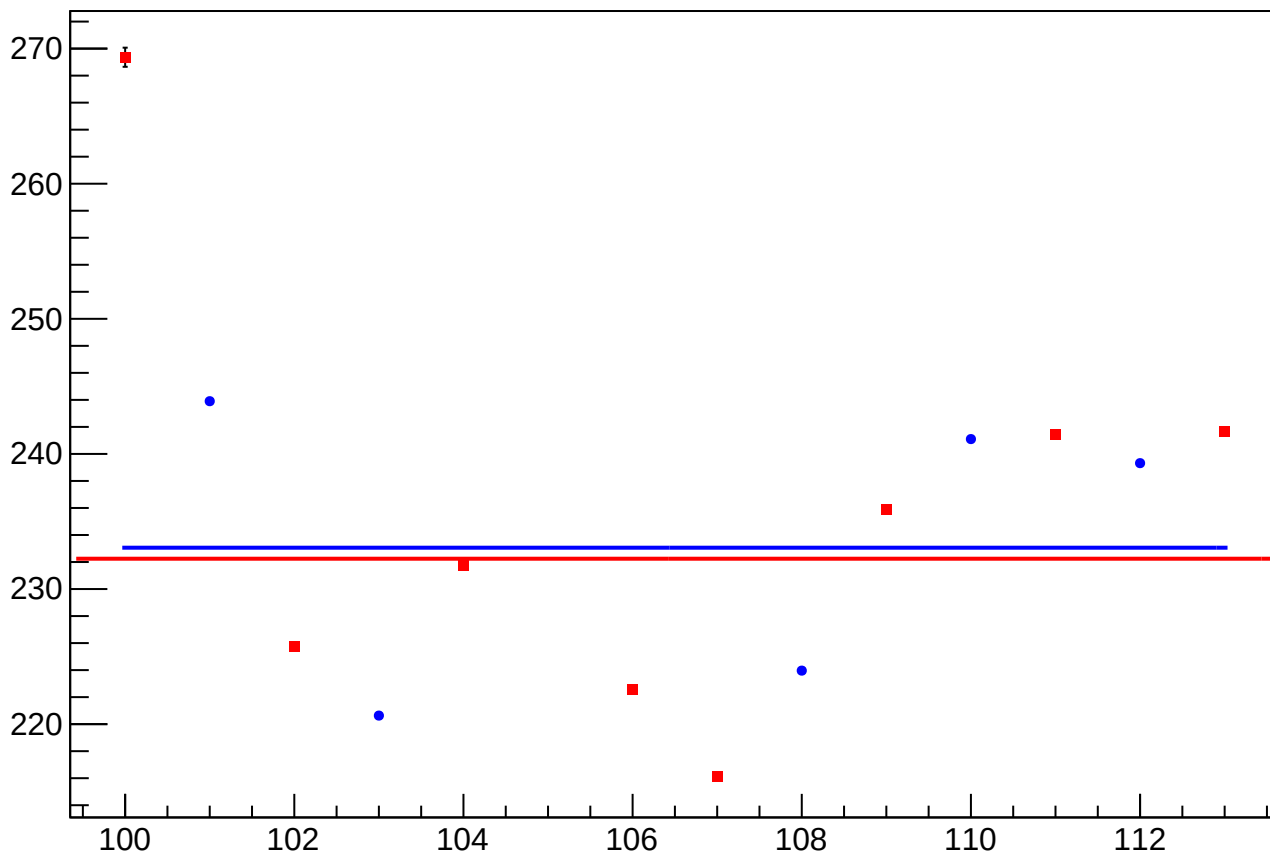
Right: 316.863 $\pm$ 97.318 χ^2 /NDF: 10.3/12

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: 316.863 $\pm$ 97.318 χ^2 /NDF: 10.3/12

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: 232.244 $\pm$ 0.092 χ^2 /NDF: 10451.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

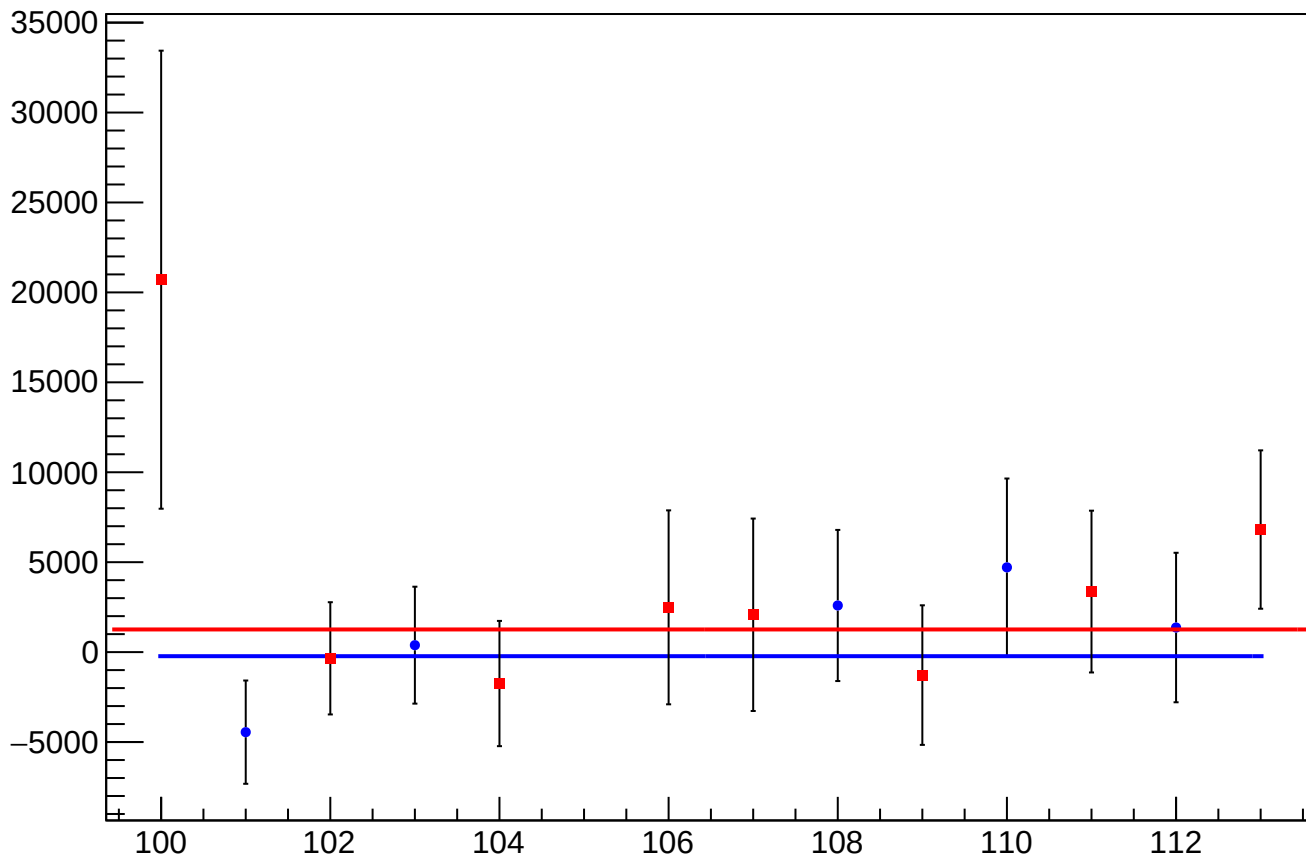
Right: 232.603 $\pm$ 0.069 χ^2 /NDF: 19712.8/12

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: 232.603 $\pm$ 0.069 χ^2 /NDF: 19712.8/12

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: 1259.646+/-1528.290 χ^2/NDF : 5.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

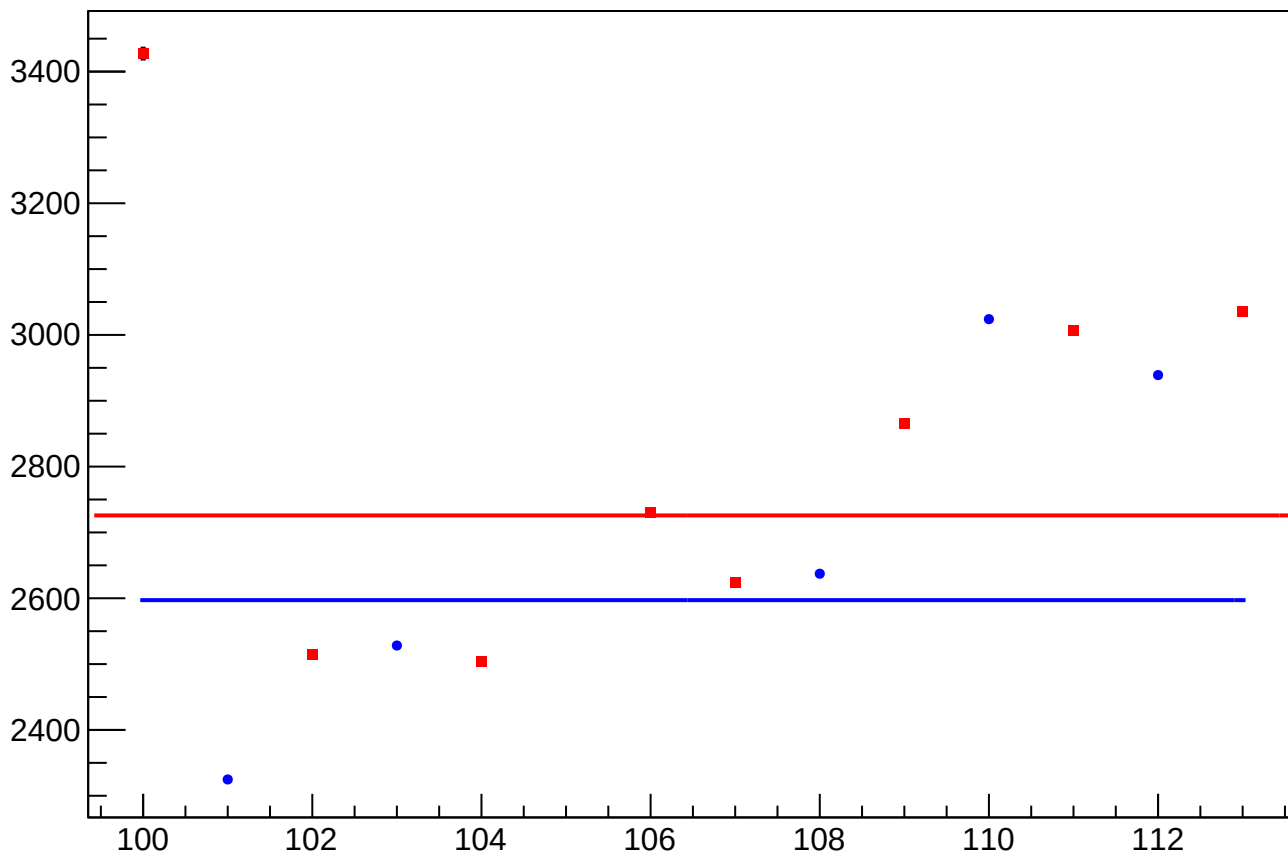
Right: 569.213+/-1118.290 χ^2/NDF : 9.9/12

In: -226.511+/-1640.689 χ^2/NDF : 3.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 569.213+/-1118.290 χ^2/NDF : 9.9/12

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: 2725.800+/-1.081 χ^2/NDF : 44341.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

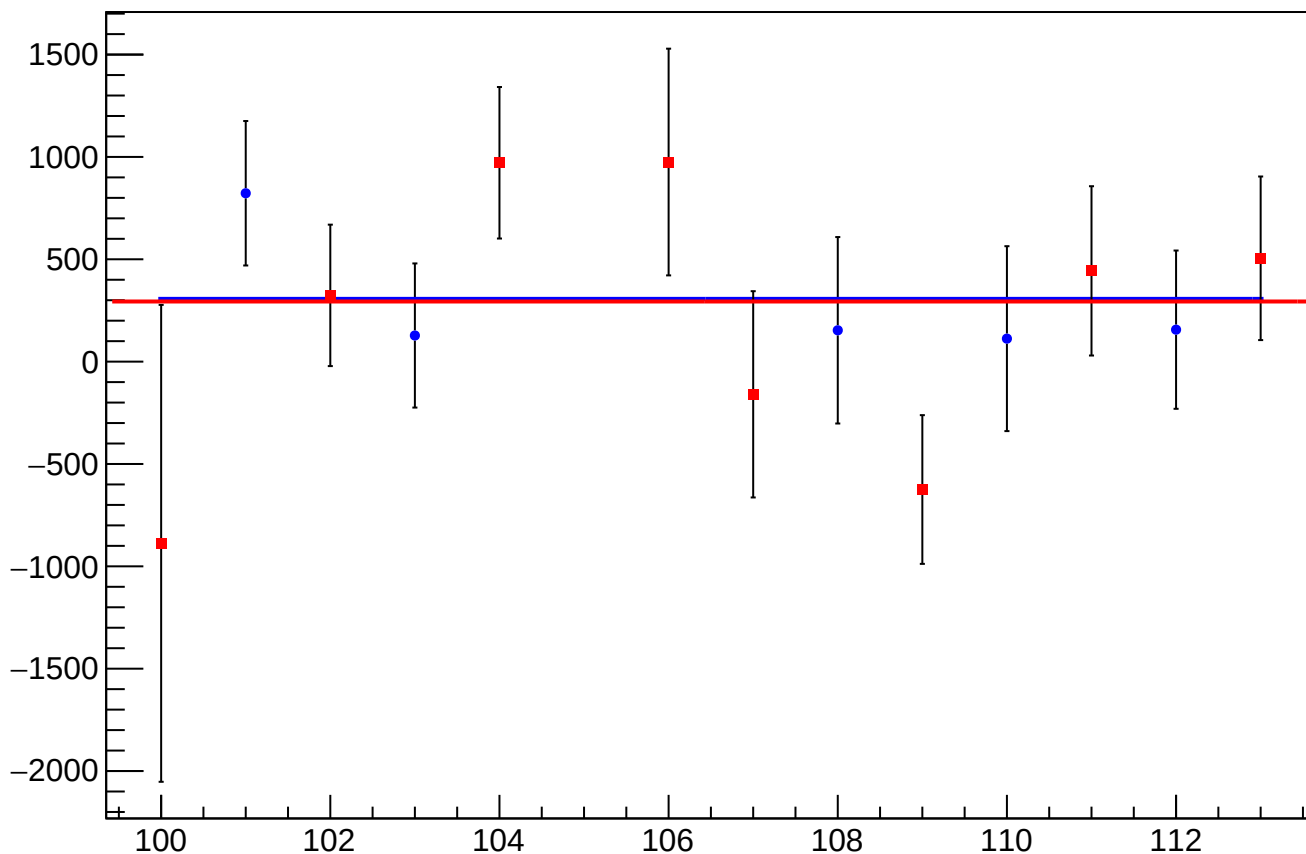
Right: 2666.032+/-0.791 χ^2/NDF : 98473.5/12

In: 2597.149+/-1.160 χ^2/NDF : 47547.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2666.032+/-0.791 χ^2/NDF : 98473.5/12

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: 293.771 $\pm$ 151.958 χ^2 /NDF: 13.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

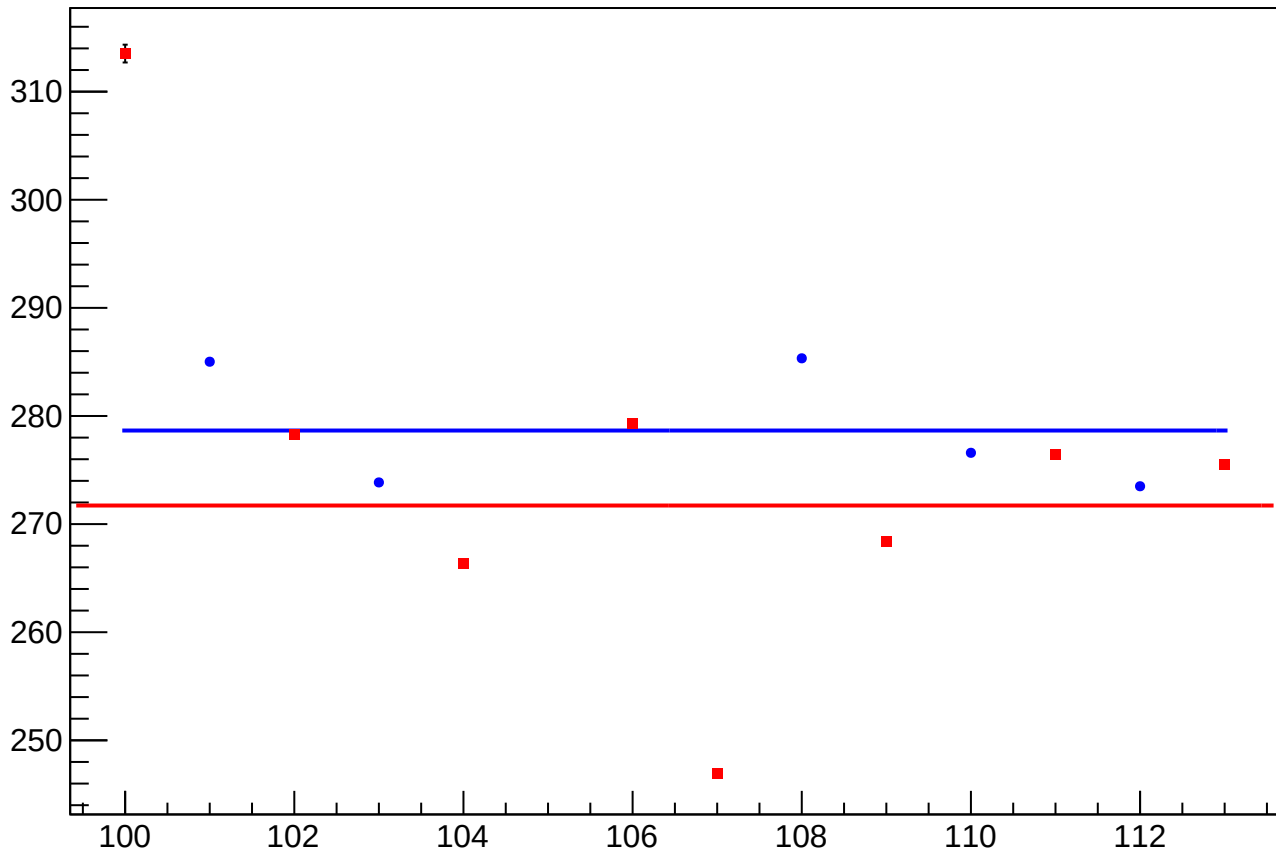
Right: 299.287 $\pm$ 114.845 χ^2 /NDF: 16.4/12

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: 299.287 $\pm$ 114.845 χ^2 /NDF: 16.4/12

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: 271.719+/-0.107 χ^2/NDF : 9566.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

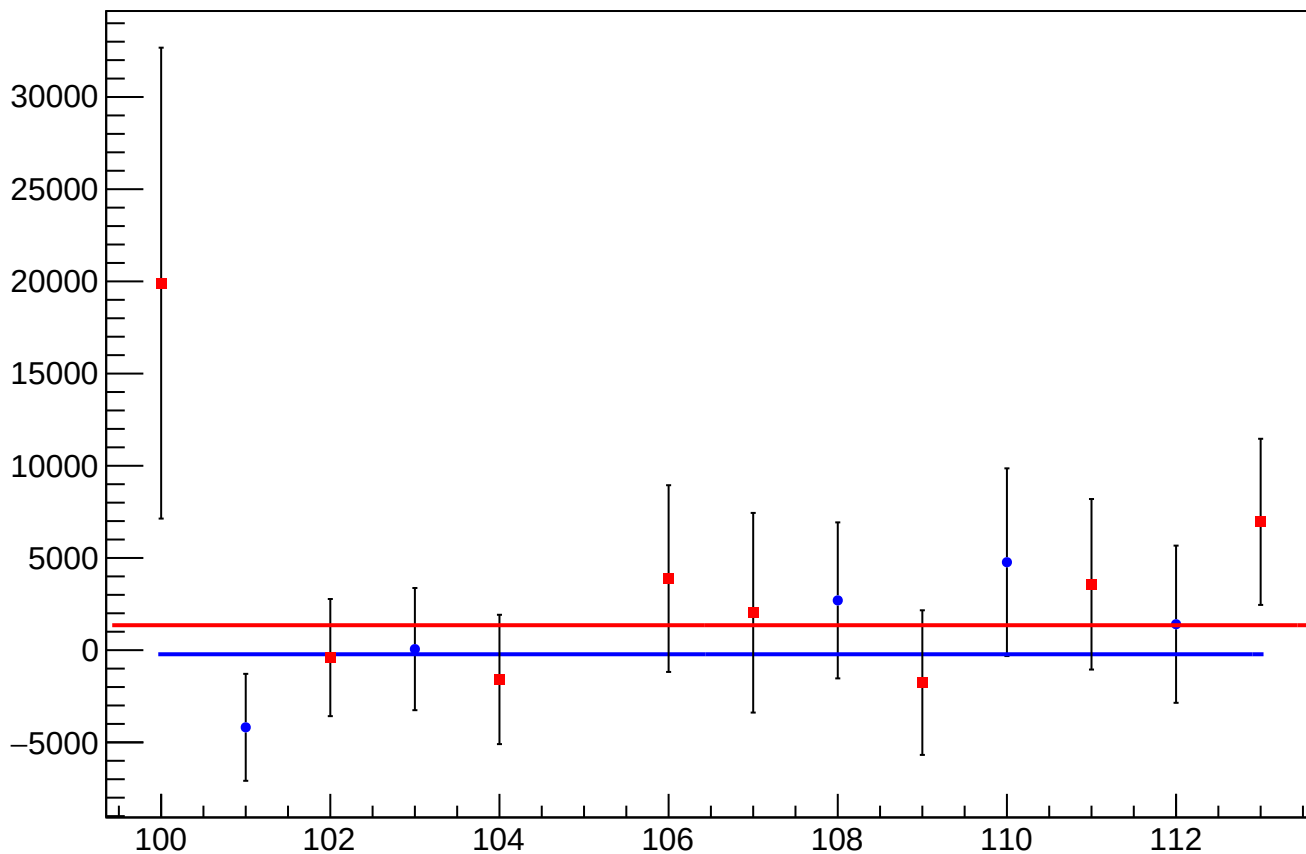
Right: 274.693+/-0.081 χ^2/NDF : 13203.8/12

In: 278.655+/-0.124 χ^2/NDF : 1849.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 274.693+/-0.081 χ^2/NDF : 13203.8/12

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: 1353.061+/-1541.730 χ^2/NDF : 5.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

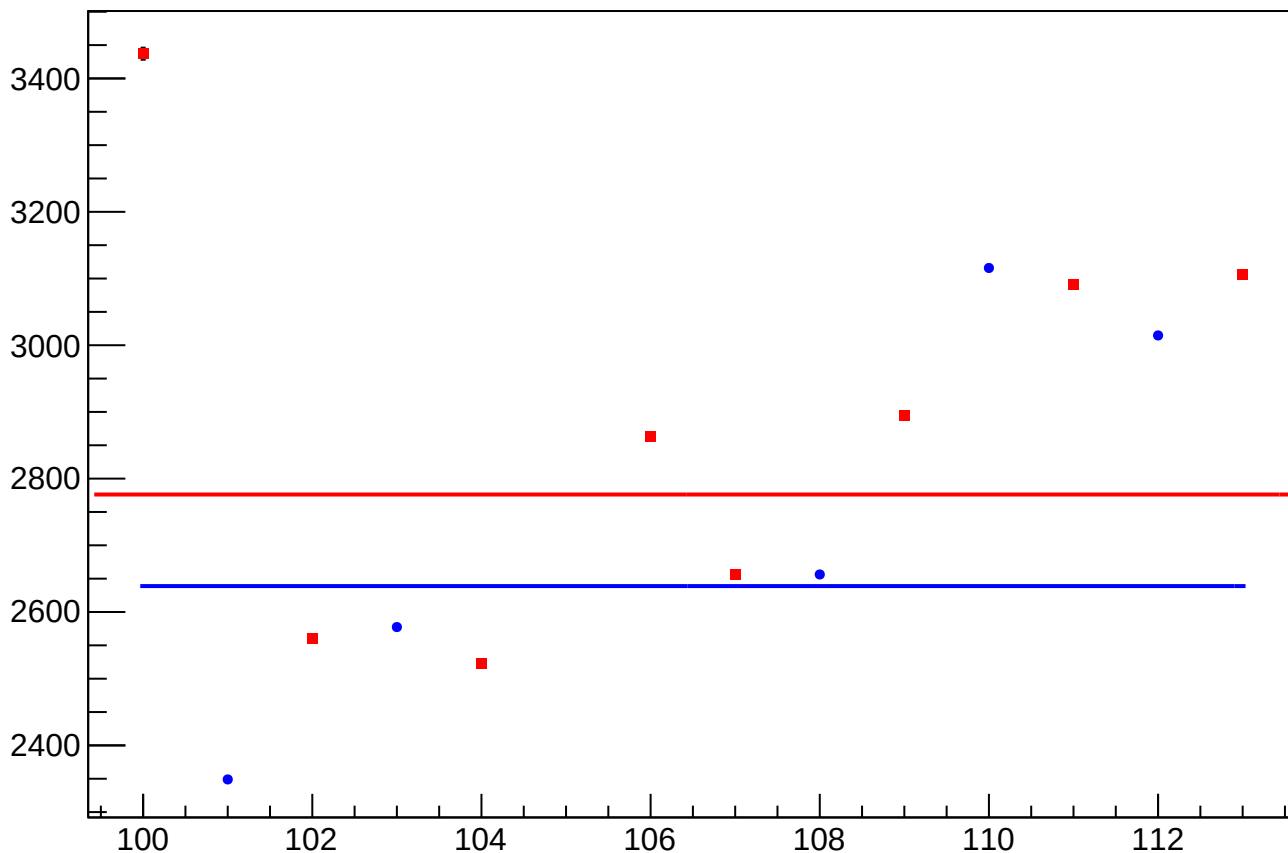
Right: 627.170+/-1132.123 χ^2/NDF : 9.7/12

In: -222.310+/-1667.820 χ^2/NDF : 3.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 627.170+/-1132.123 χ^2/NDF : 9.7/12

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: 2776.164+/-1.090 χ^2/NDF : 48499.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

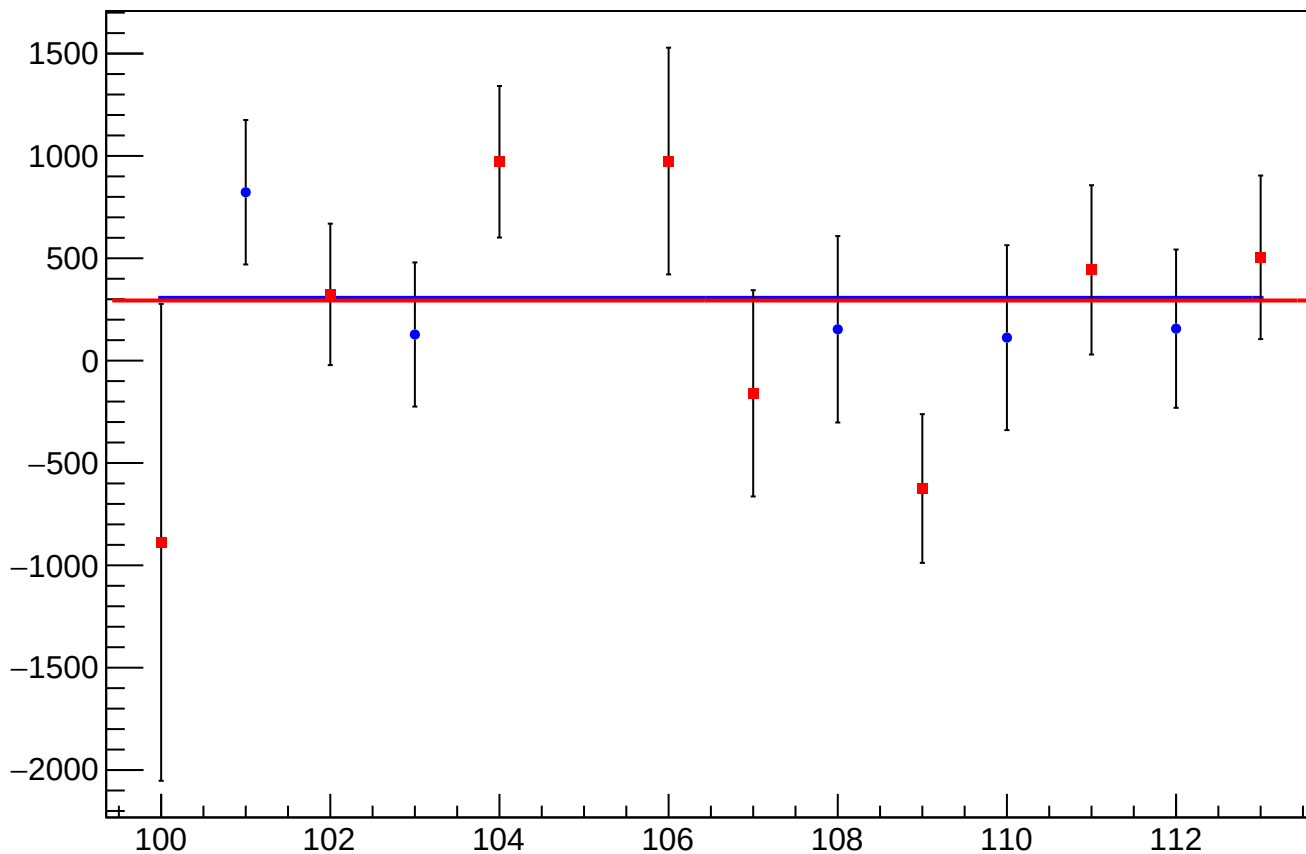
Right: 2712.900+/-0.801 χ^2/NDF : 109624.8/12

In: 2638.866+/-1.179 χ^2/NDF : 53816.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2712.900+/-0.801 χ^2/NDF : 109624.8/12

eigen_dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 306.624 $\pm$ 175.377 χ^2 /NDF: 2.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 293.764 $\pm$ 151.958 χ^2 /NDF: 13.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

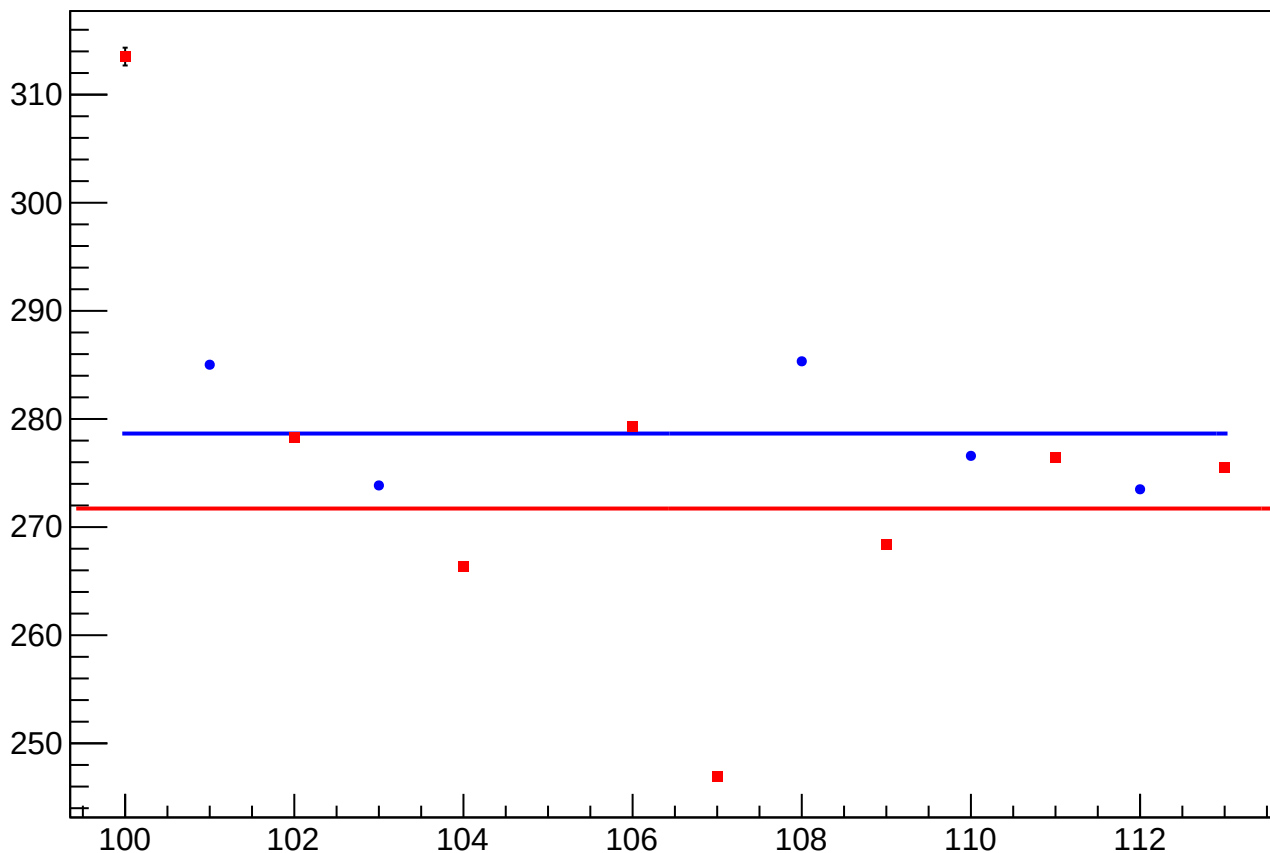
Right: 299.278 $\pm$ 114.844 χ^2 /NDF: 16.4/12

In: 306.624 $\pm$ 175.377 χ^2 /NDF:2.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 299.278 $\pm$ 114.844 χ^2 /NDF: 16.4/12

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: 271.717+/-0.107 χ^2/NDF : 9565.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

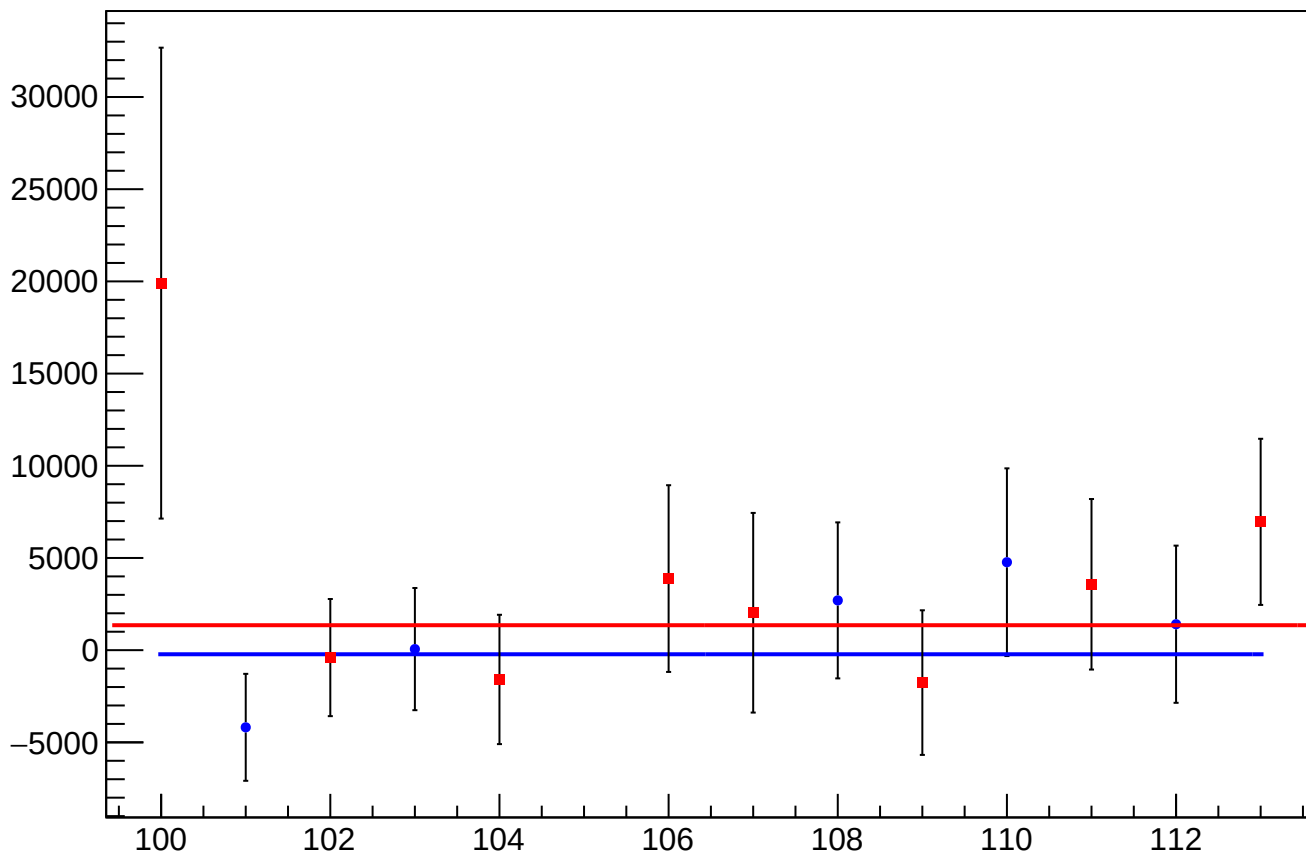
Right: 274.691+/-0.081 χ^2/NDF : 13203.7/12

In: 278.653+/-0.124 χ^2/NDF : 1850.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 274.691+/-0.081 χ^2/NDF : 13203.7/12

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: 1353.056+/-1541.725 χ^2/NDF : 5.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

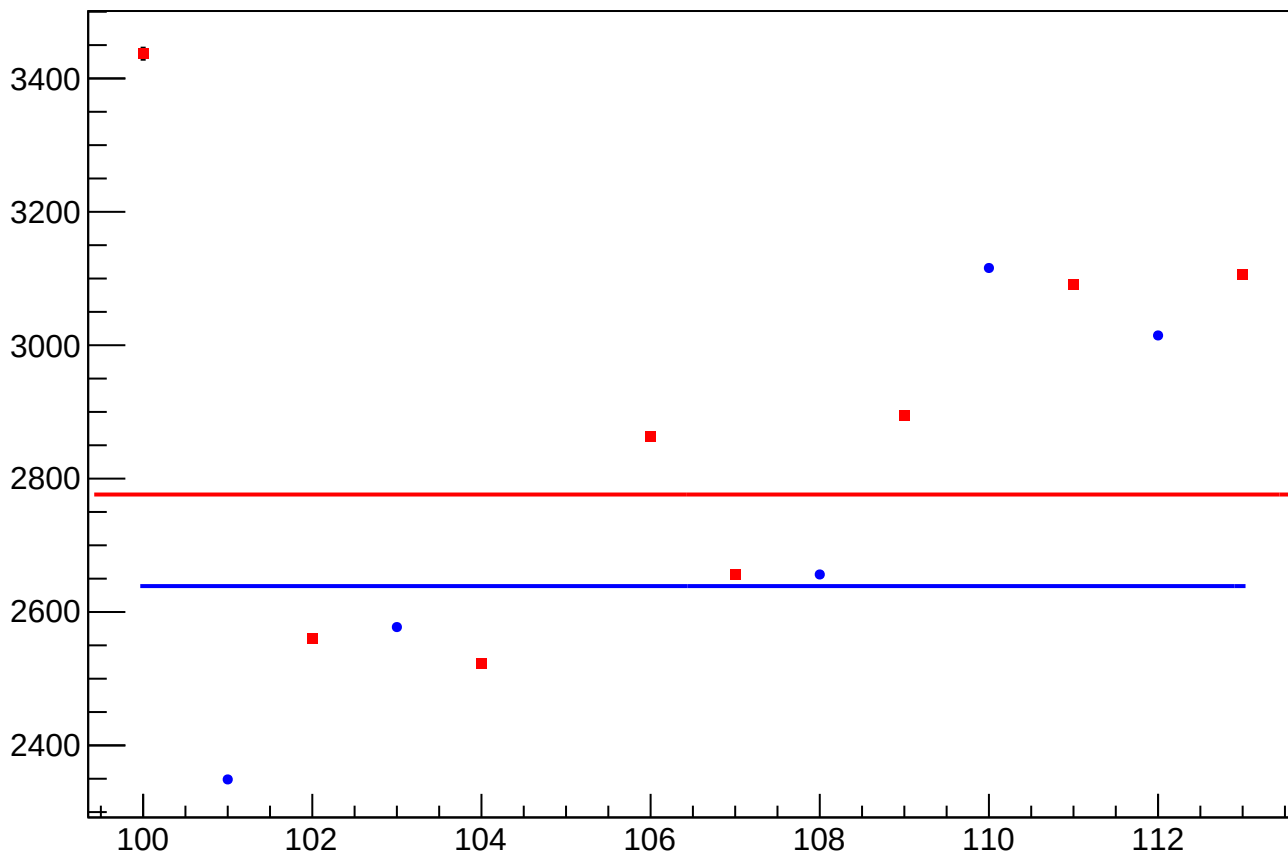
Right: 627.167+/-1132.120 χ^2/NDF : 9.7/12

In: -222.311+/-1667.816 χ^2/NDF : 3.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 627.167+/-1132.120 χ^2/NDF : 9.7/12

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: 2776.156+/-1.090 χ^2/NDF : 48499.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

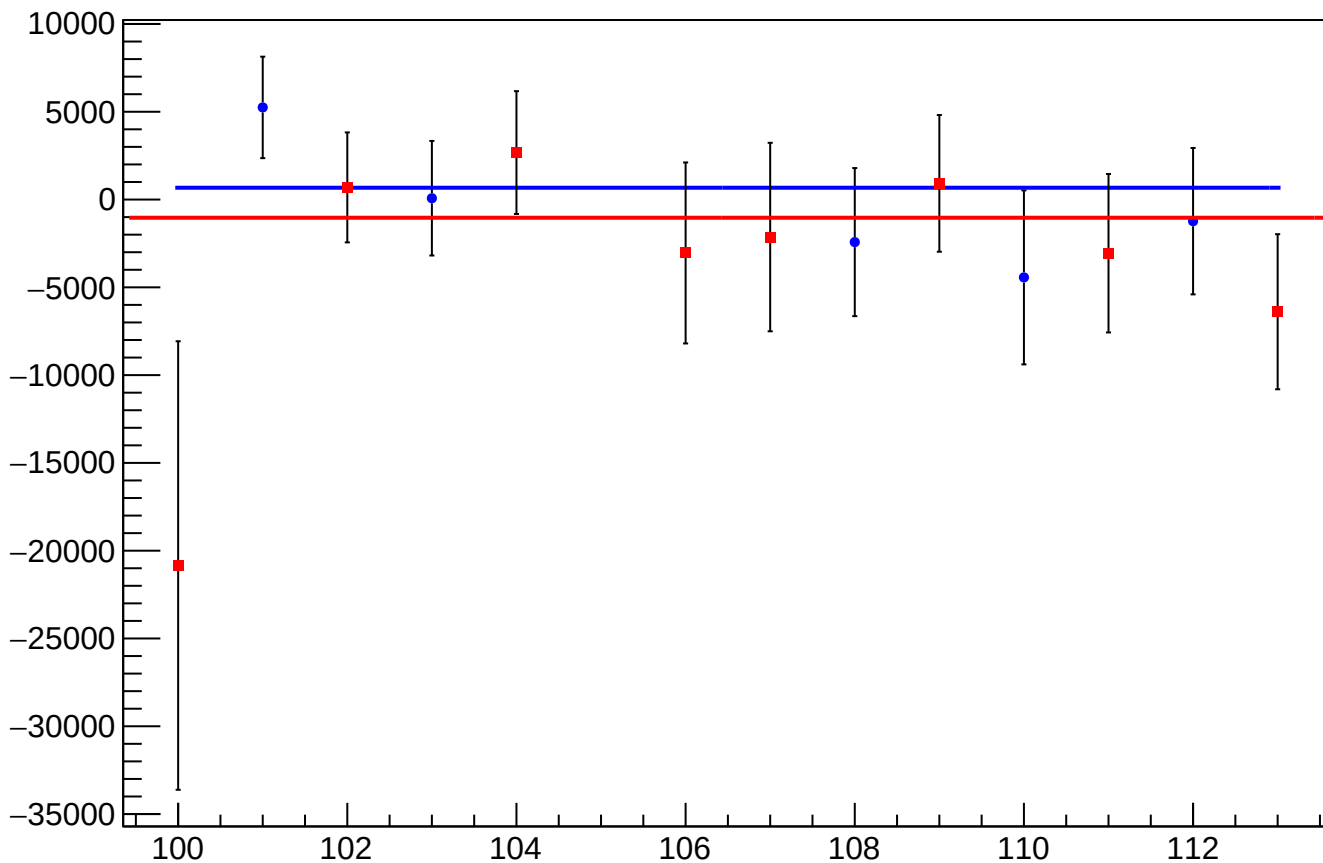
Right: 2712.893+/-0.801 χ^2/NDF : 109622.8/12

In: 2638.859+/-1.179 χ^2/NDF : 53815.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2712.893+/-0.801 χ^2/NDF : 109622.8/12

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: -1035.519+/-1527.609 χ^2/NDF : 6.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

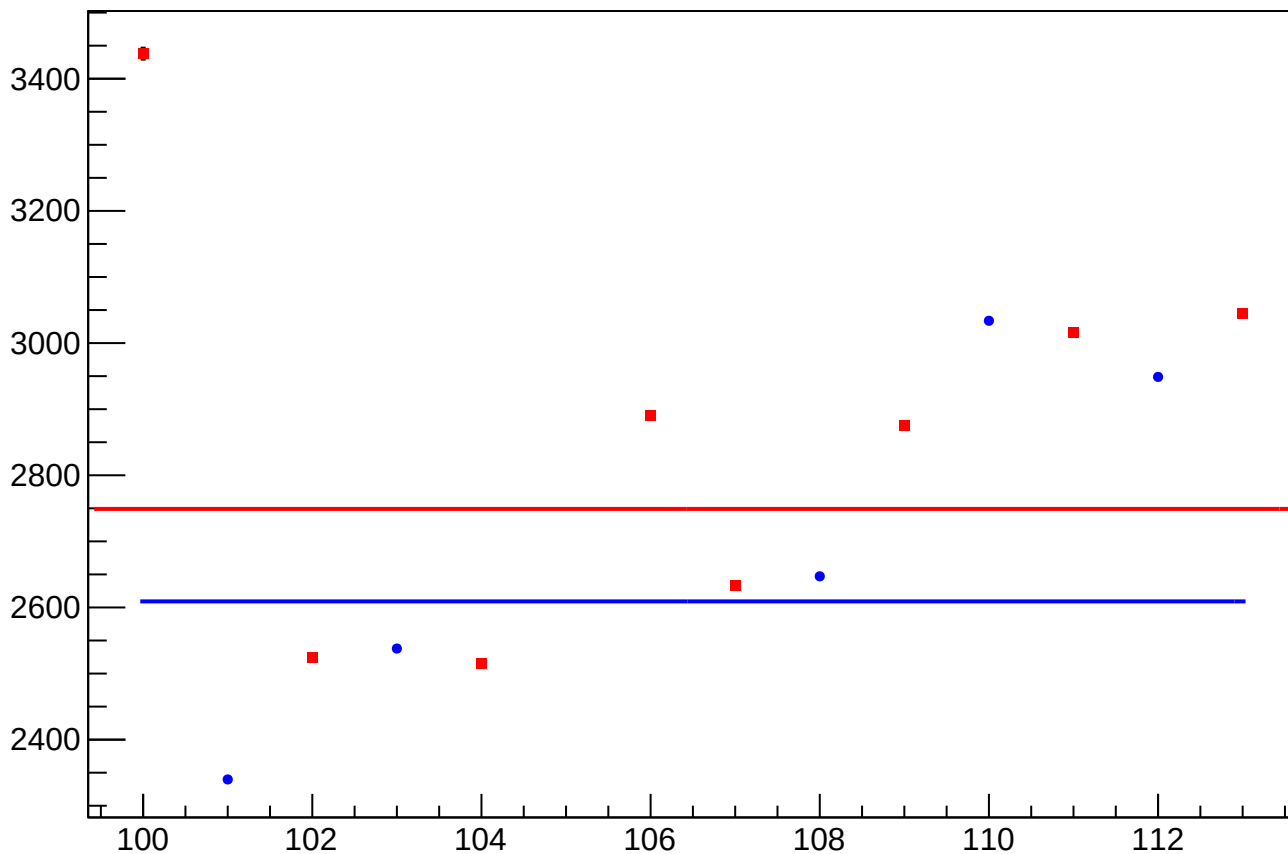
Right: -245.736+/-1120.355 χ^2/NDF : 10.9/12

In: 673.530+/-1648.082 χ^2/NDF : 4.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -245.736+/-1120.355 χ^2/NDF : 10.9/12

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: 2749.100+/-1.080 χ^2/NDF : 45658.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

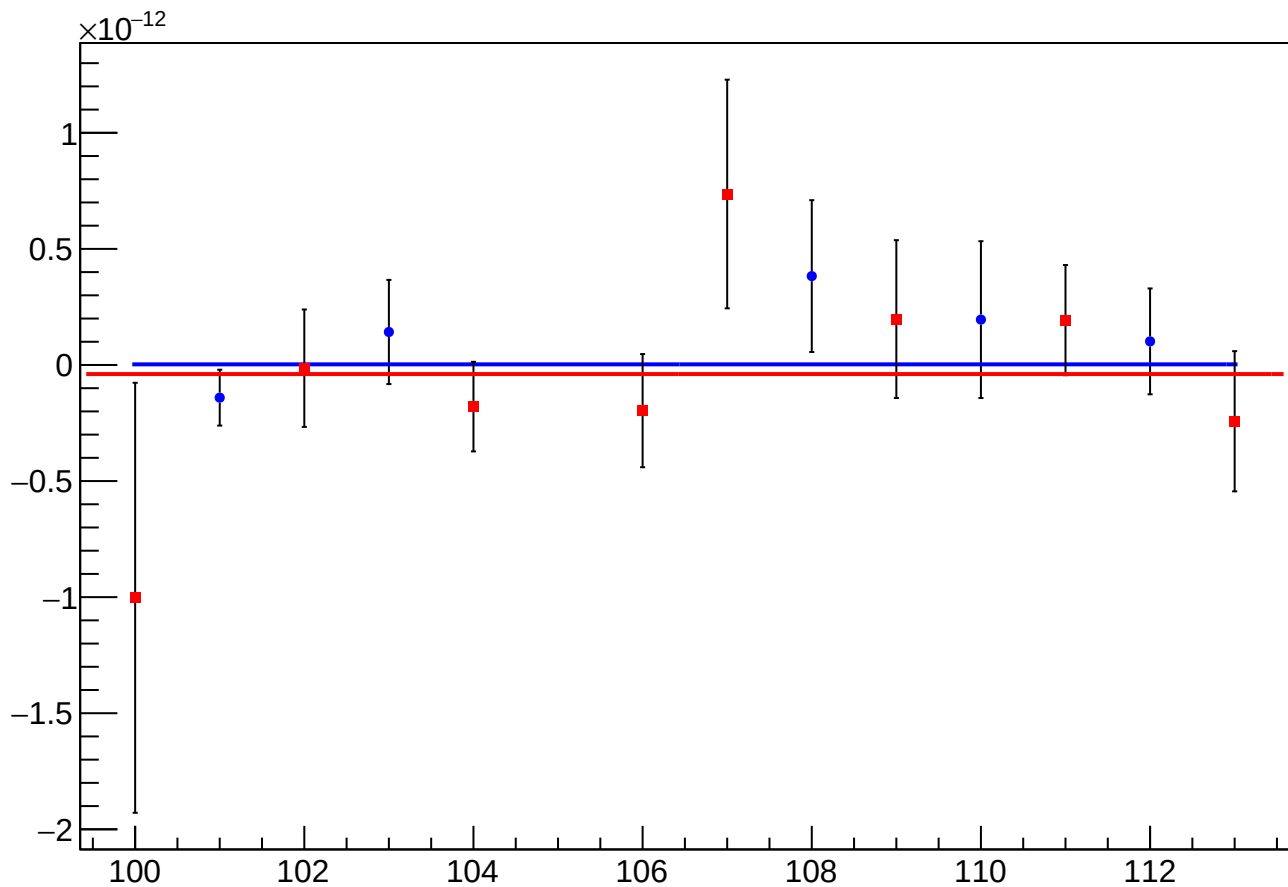
Right: 2684.437+/-0.792 χ^2/NDF : 99867.8/12

In: 2609.174+/-1.165 χ^2/NDF : 46455.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2684.437+/-0.792 χ^2/NDF : 99867.8/12

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 : 6.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

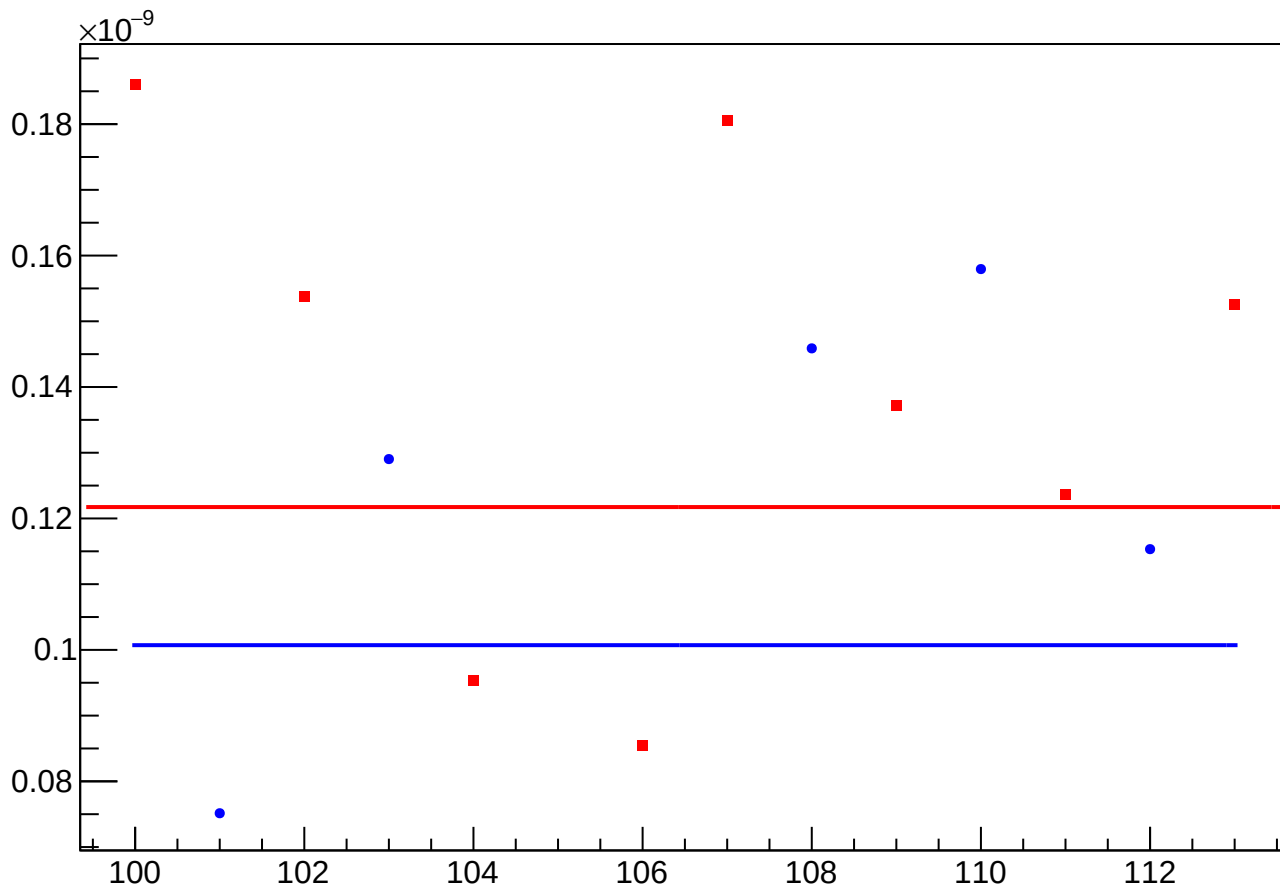
Right: -0.000+/-0.000 χ^2/NDF : 10.2/12

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 : 10.2/12

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 : 177223.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

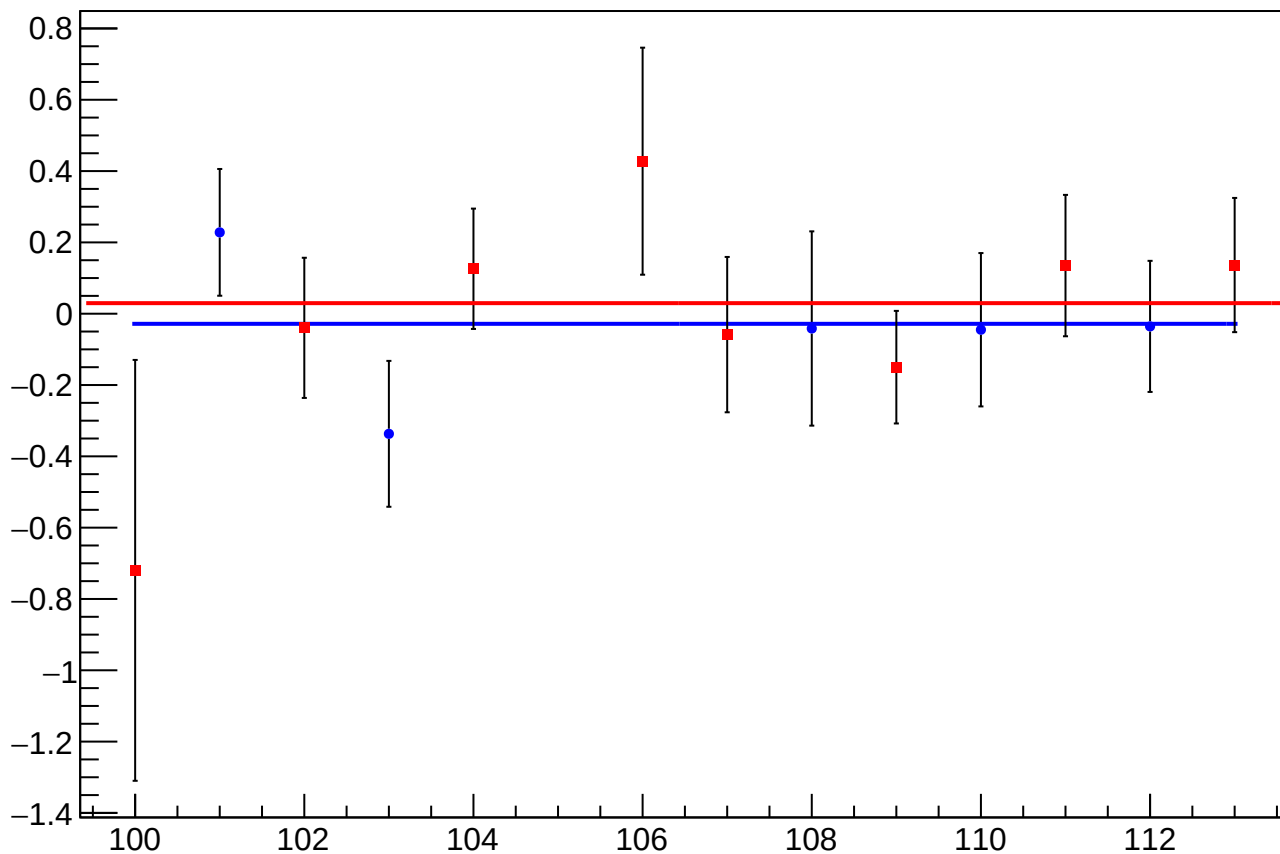
Right: 0.000+/-0.000 χ^2/NDF : 453192.5/12

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 : 453192.5/12

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: 0.030 $\pm$ 0.073 χ^2 /NDF: 5.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

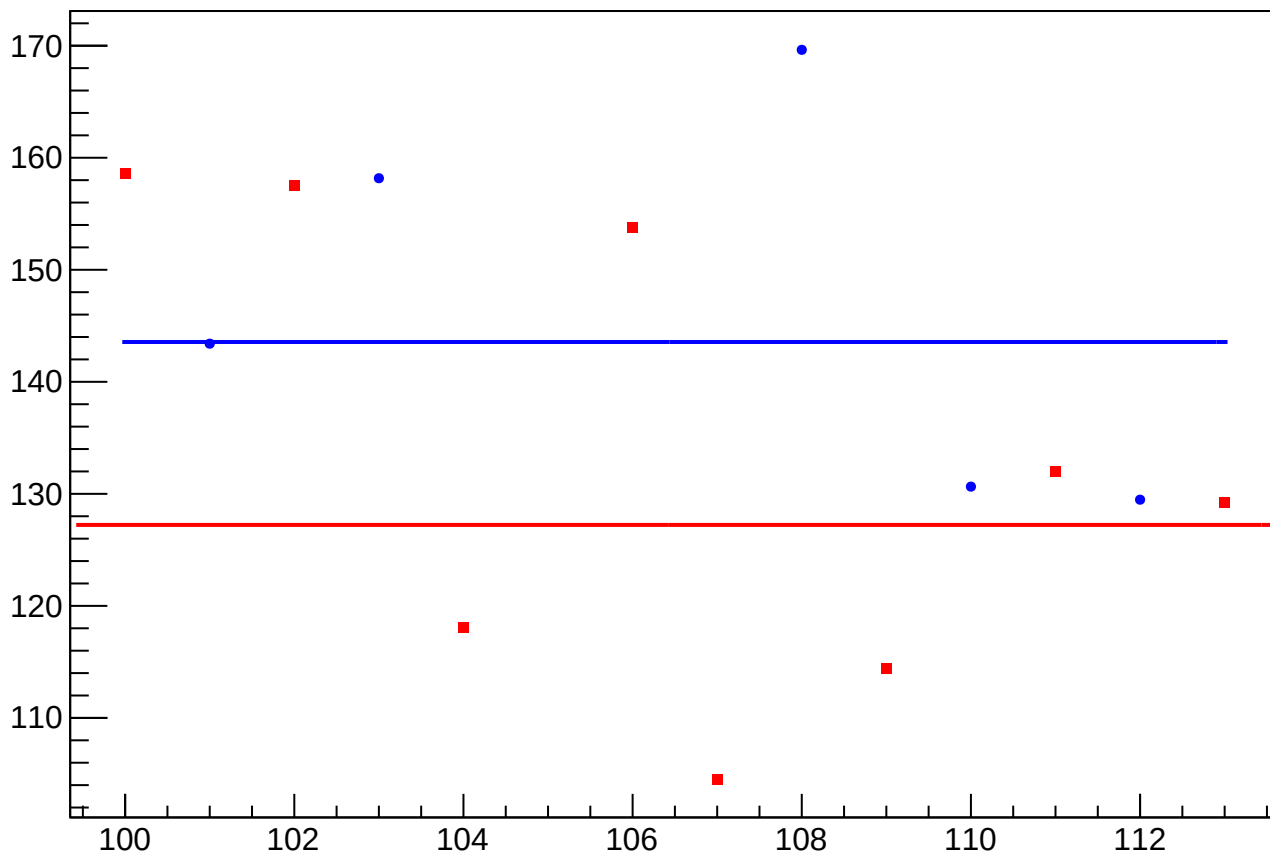
Right: 0.007 $\pm$ 0.057 χ^2 /NDF: 10.3/12

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: 0.007 $\pm$ 0.057 χ^2 /NDF: 10.3/12

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: 127.226 $\pm$ 0.051 χ^2 /NDF: 109072.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

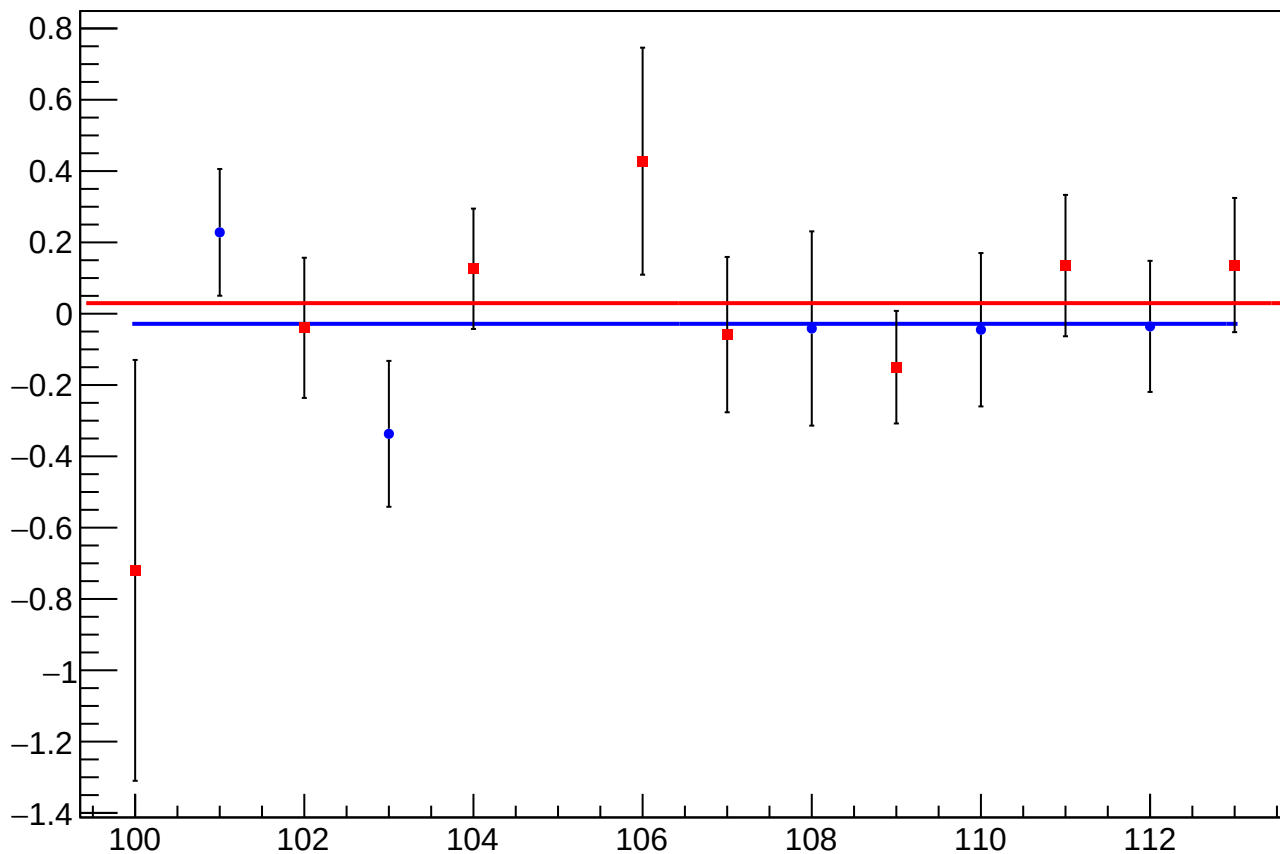
Right: 133.584 $\pm$ 0.040 χ^2 /NDF: 195708.4/12

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: 133.584 $\pm$ 0.040 χ^2 /NDF: 195708.4/12

asym_sam_26_dd_dit_vs_eigen_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: 0.030 $\pm$ 0.073 χ^2 /NDF: 5.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

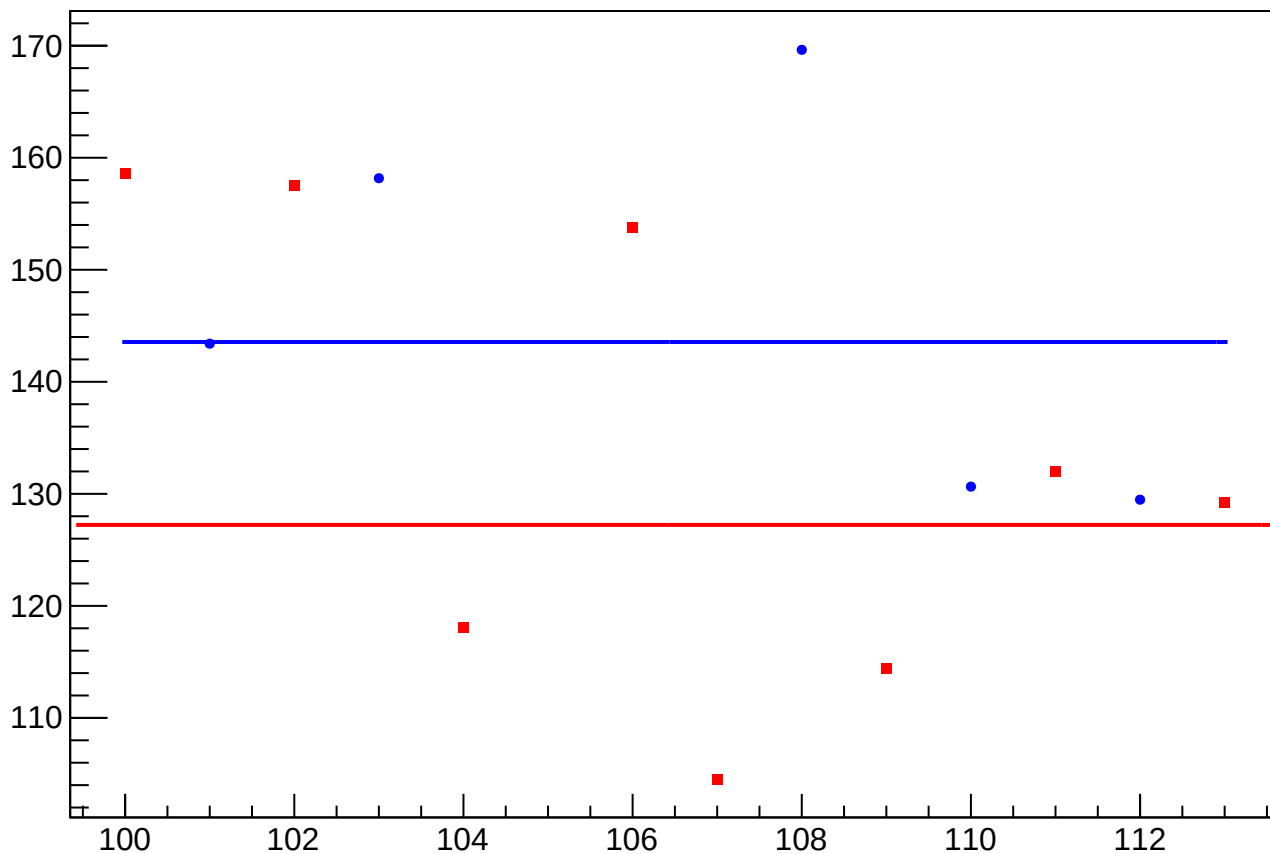
Right: 0.007 $\pm$ 0.057 χ^2 /NDF: 10.3/12

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: 0.007 $\pm$ 0.057 χ^2 /NDF: 10.3/12

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: 127.226+/-0.051 χ^2/NDF : 109072.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

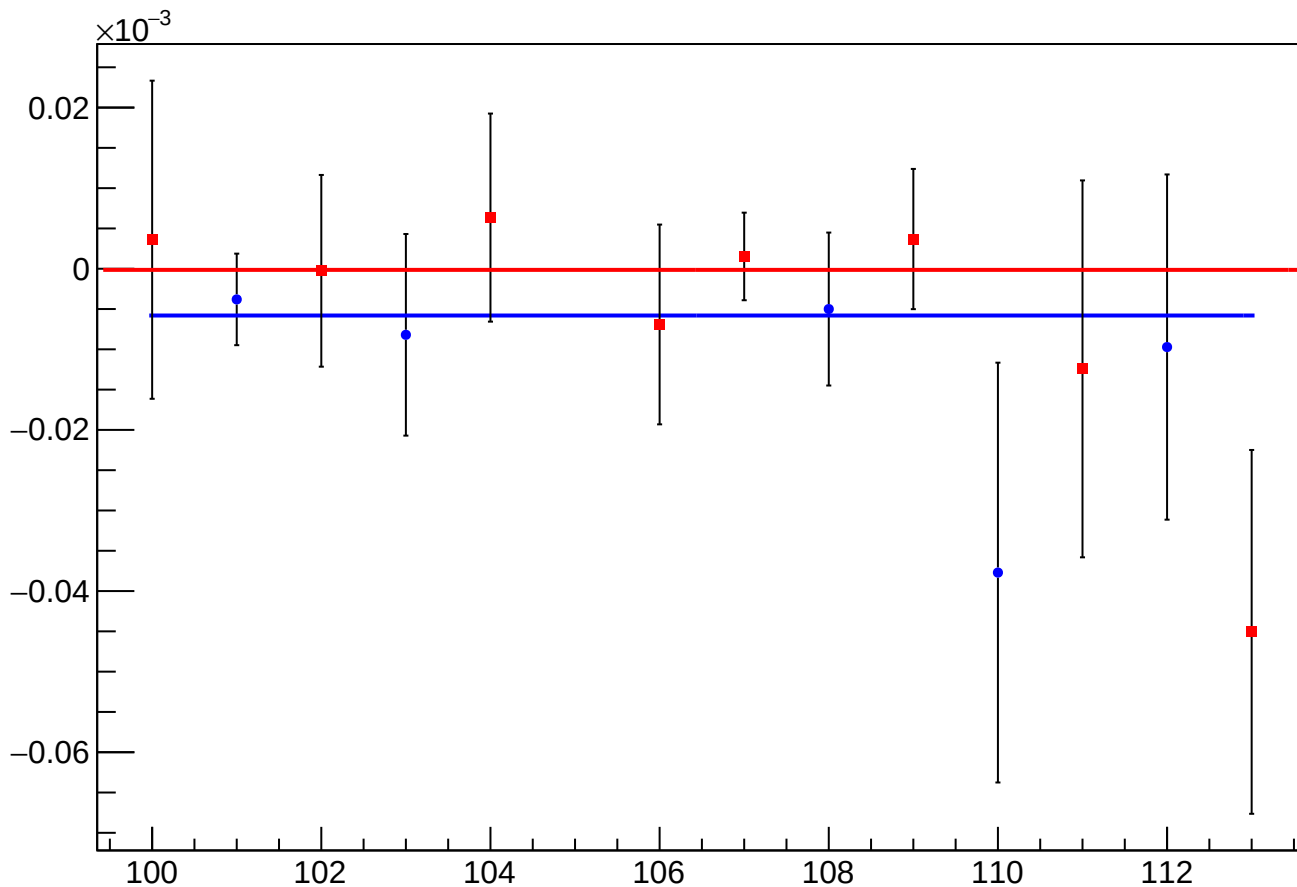
Right: 133.584+/-0.040 χ^2/NDF : 195708.4/12

In: 143.555+/-0.064 χ^2/NDF : 47476.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.584+/-0.040 χ^2/NDF : 195708.4/12

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 : 5.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

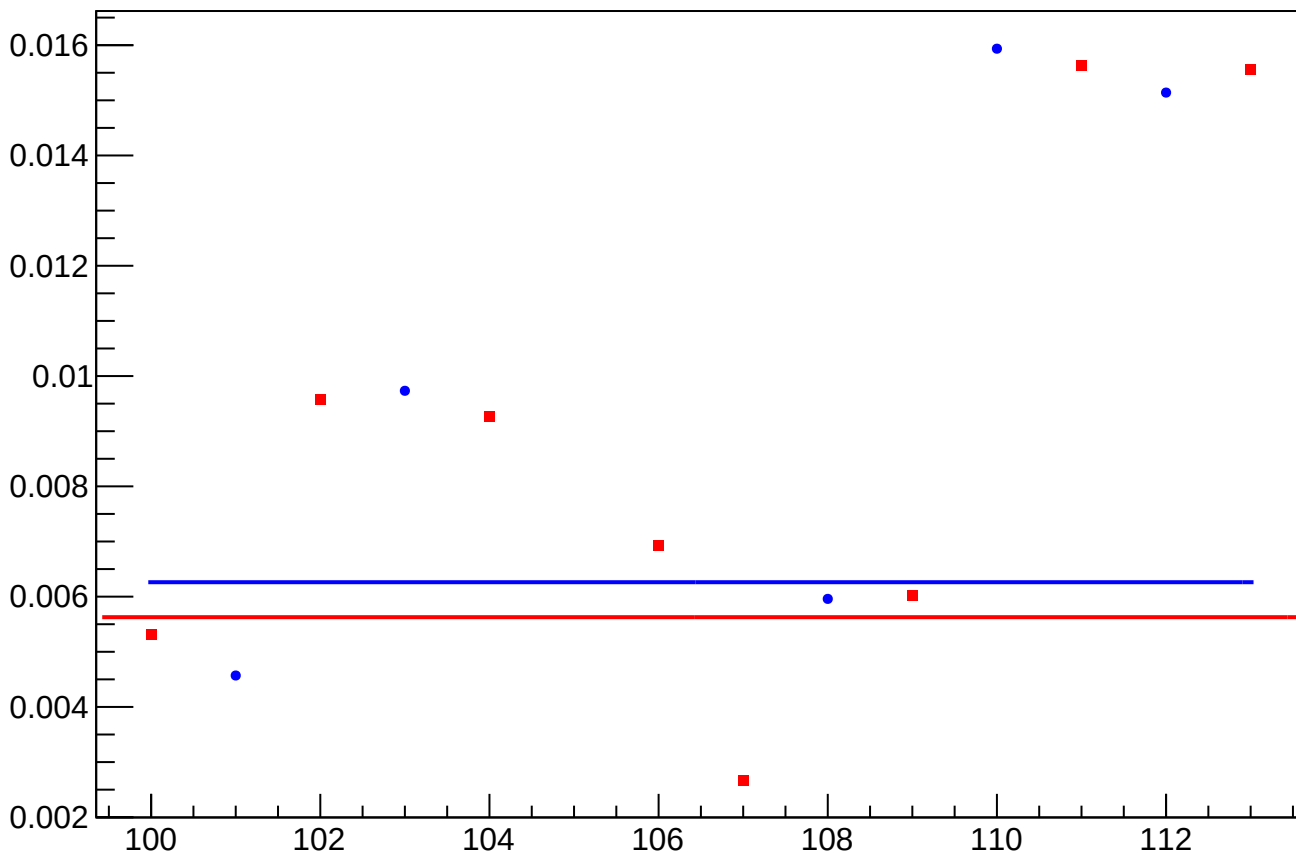
Right: -0.000+/-0.000 χ^2/NDF : 7.8/12

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 : 7.8/12

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: 0.006+/-0.000 χ^2/NDF : 1753874.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

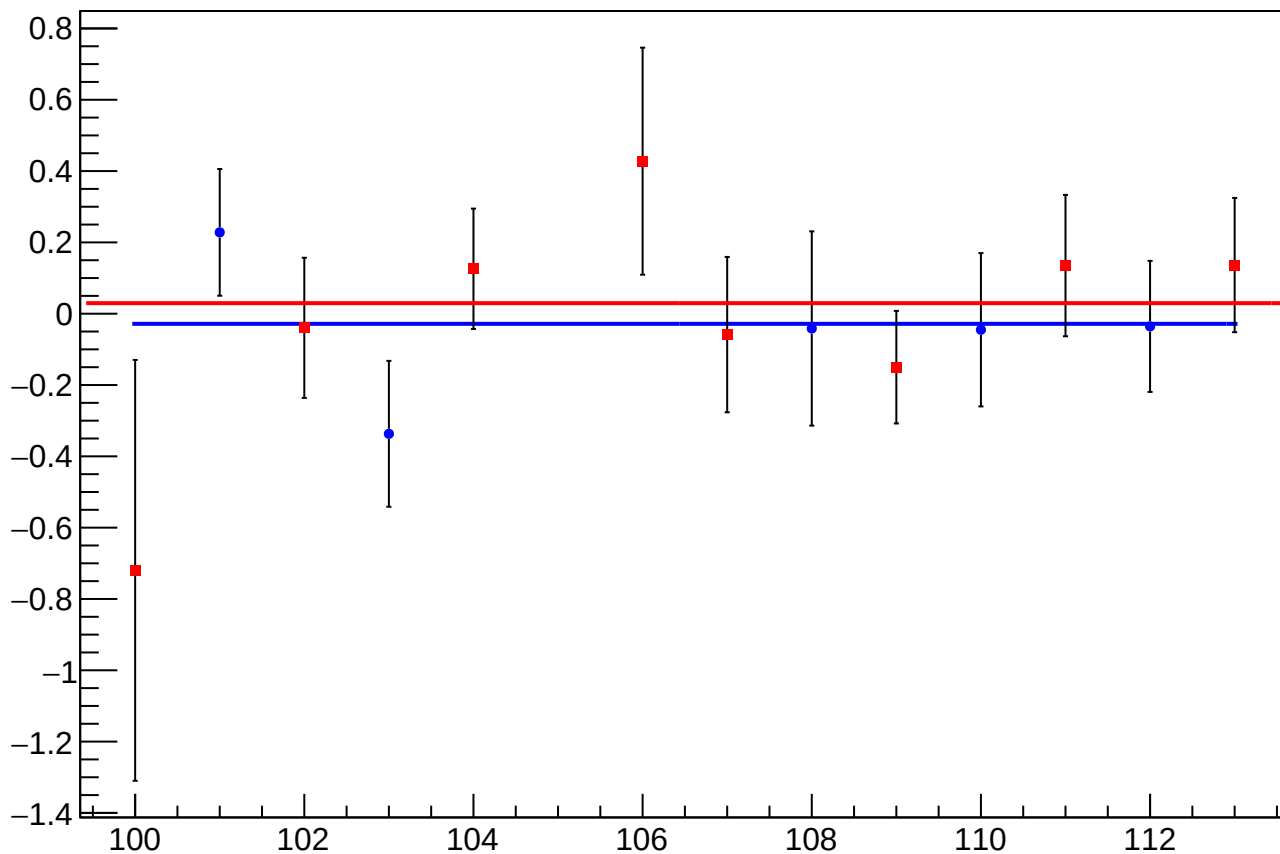
Right: 0.006+/-0.000 χ^2/NDF : 2731276.0/12

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 : 2731276.0/12

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: 0.030 $\pm$ 0.073 χ^2 /NDF: 5.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

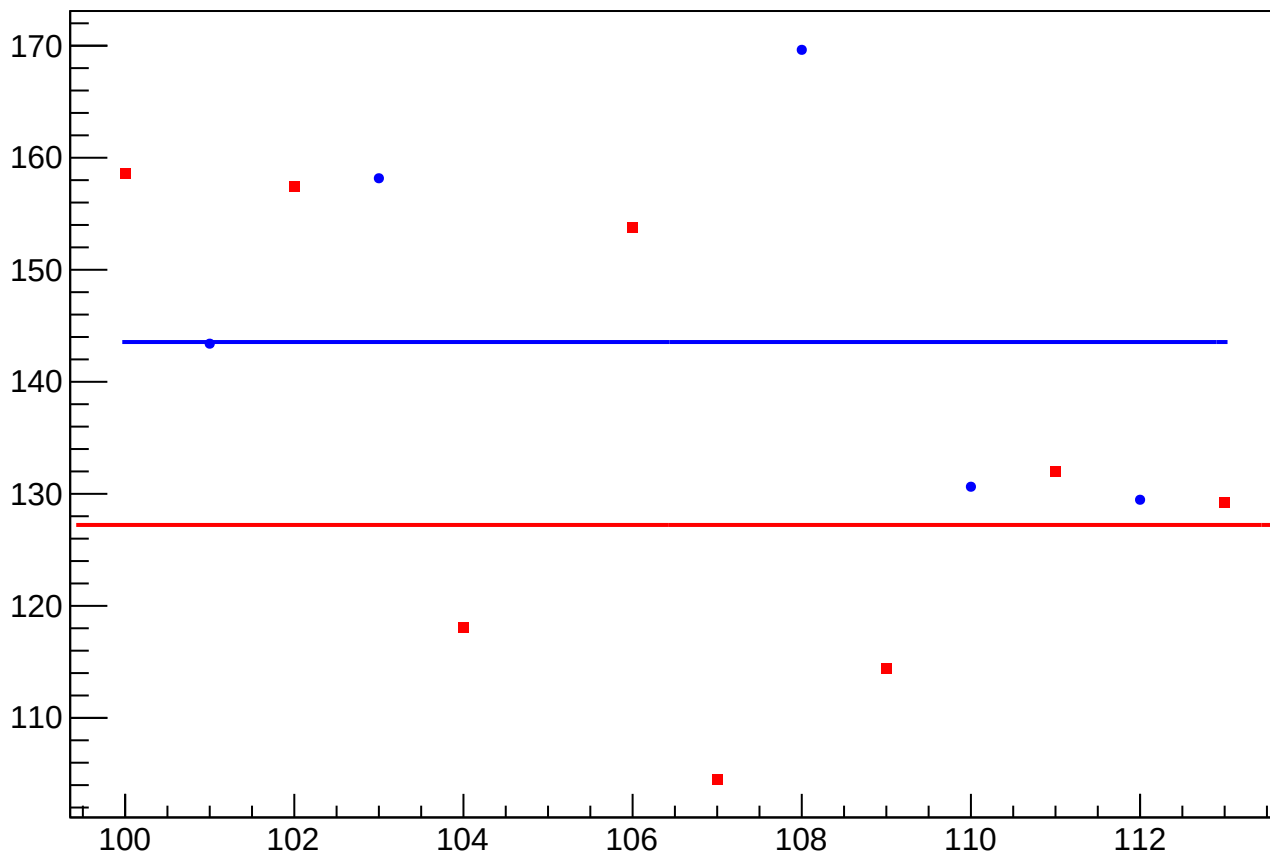
Right: 0.007 $\pm$ 0.057 χ^2 /NDF: 10.3/12

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: 0.007 $\pm$ 0.057 χ^2 /NDF: 10.3/12

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: 127.223+/-0.051 χ^2/NDF : 109071.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

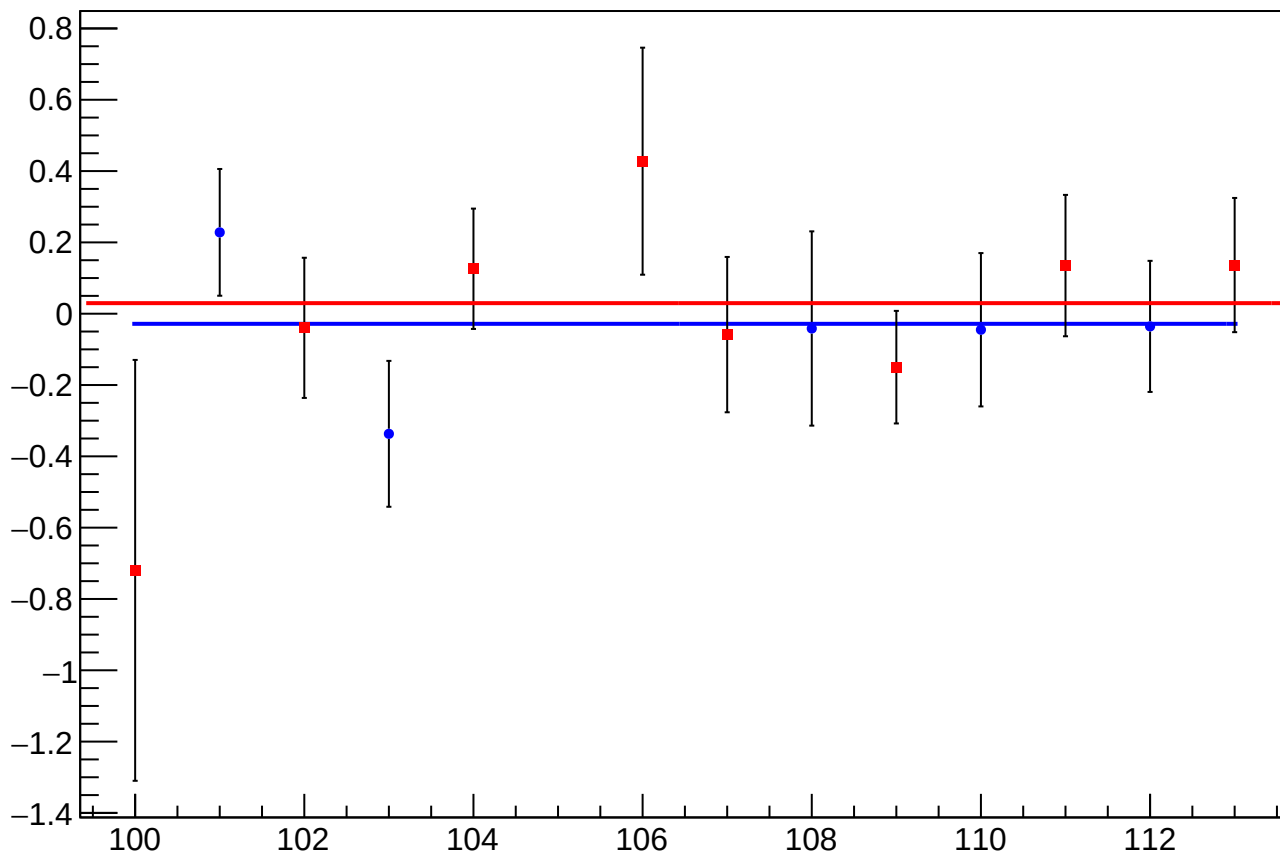
Right: 133.580+/-0.040 χ^2/NDF : 195723.7/12

In: 143.551+/-0.064 χ^2/NDF : 47496.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.580+/-0.040 χ^2/NDF : 195723.7/12

asym_sam_26_dd_eigen_dit_vs_eigen_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: 0.030 $\pm$ 0.073 χ^2 /NDF: 5.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

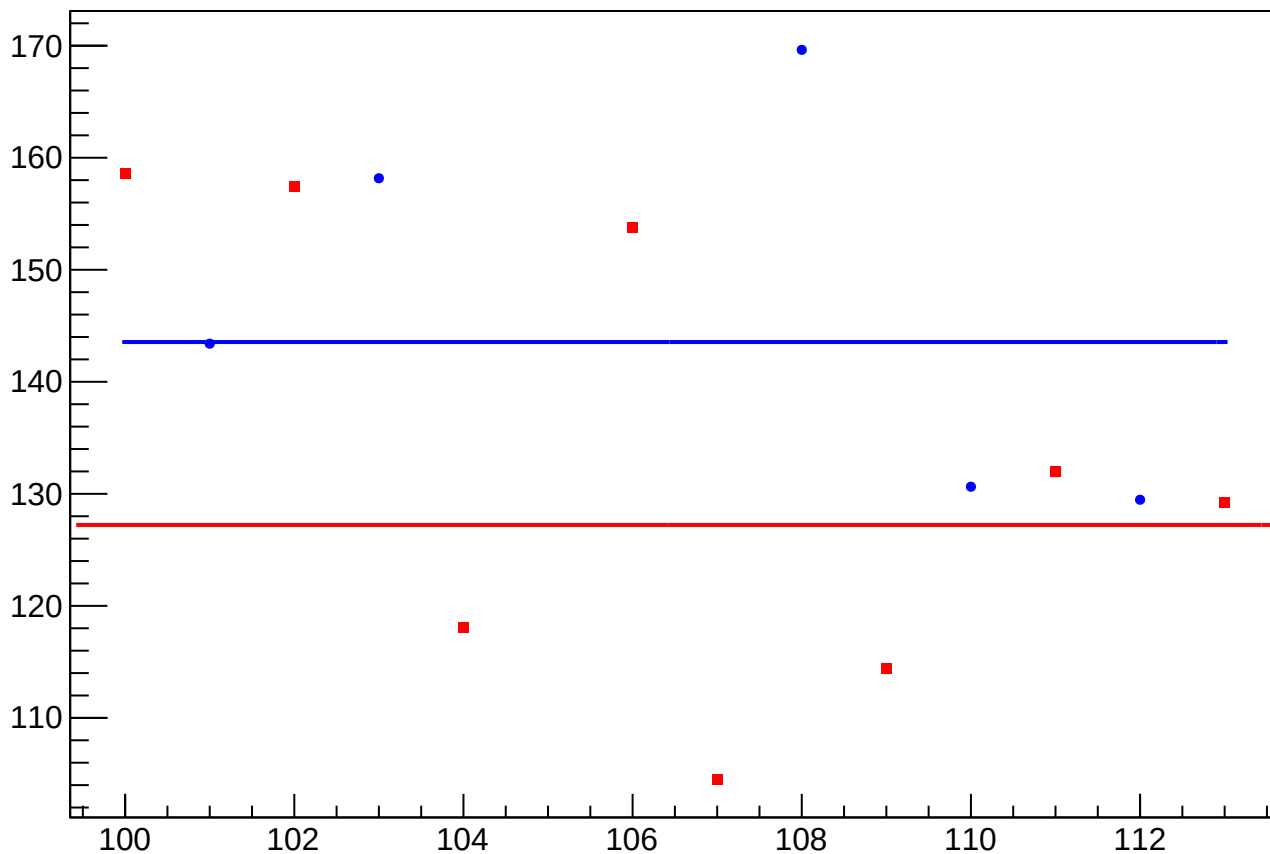
Right: 0.007 $\pm$ 0.057 χ^2 /NDF: 10.3/12

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: 0.007 $\pm$ 0.057 χ^2 /NDF: 10.3/12

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: 127.223+/-0.051 χ^2/NDF : 109071.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

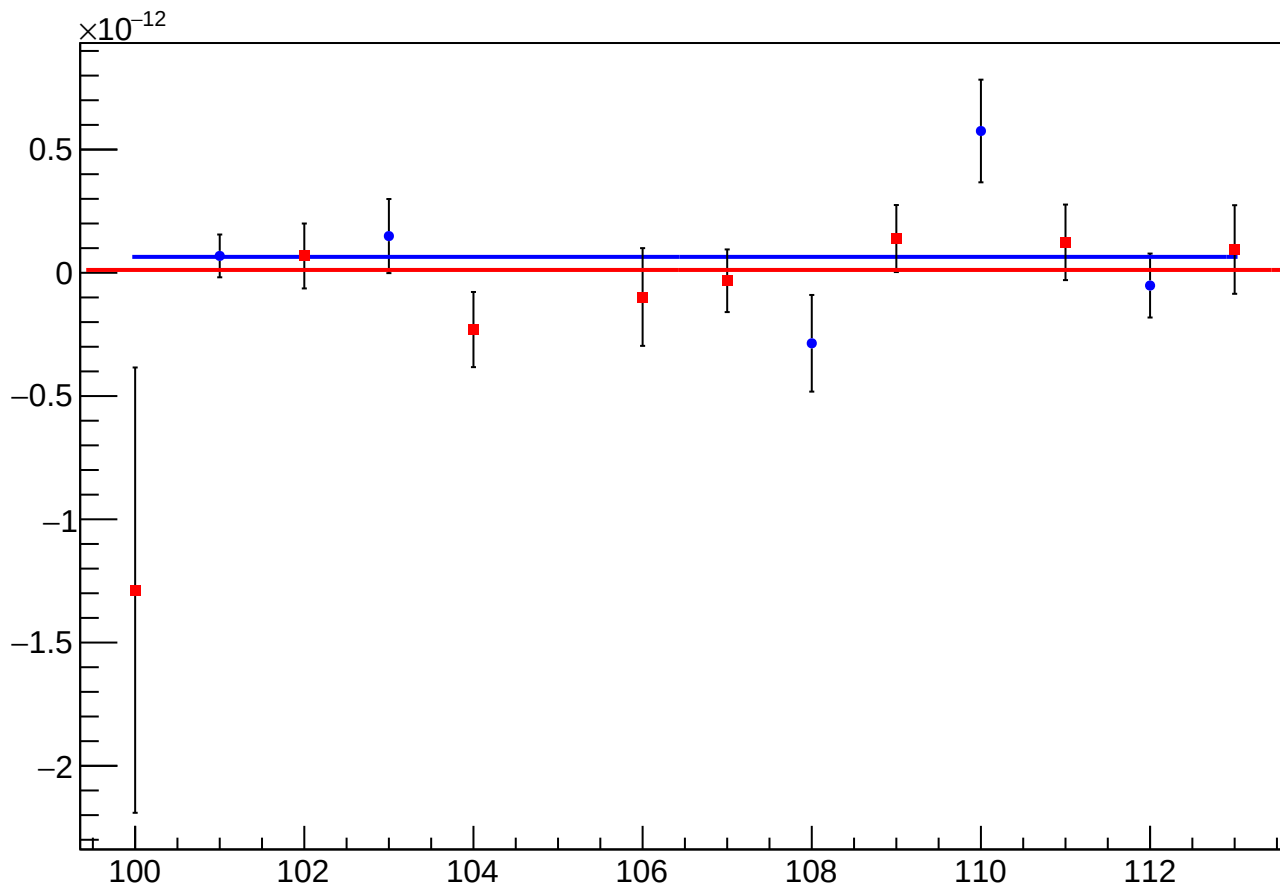
Right: 133.580+/-0.040 χ^2/NDF : 195723.7/12

In: 143.551+/-0.064 χ^2/NDF :47496.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 133.580+/-0.040 χ^2/NDF : 195723.7/12

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 : 6.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

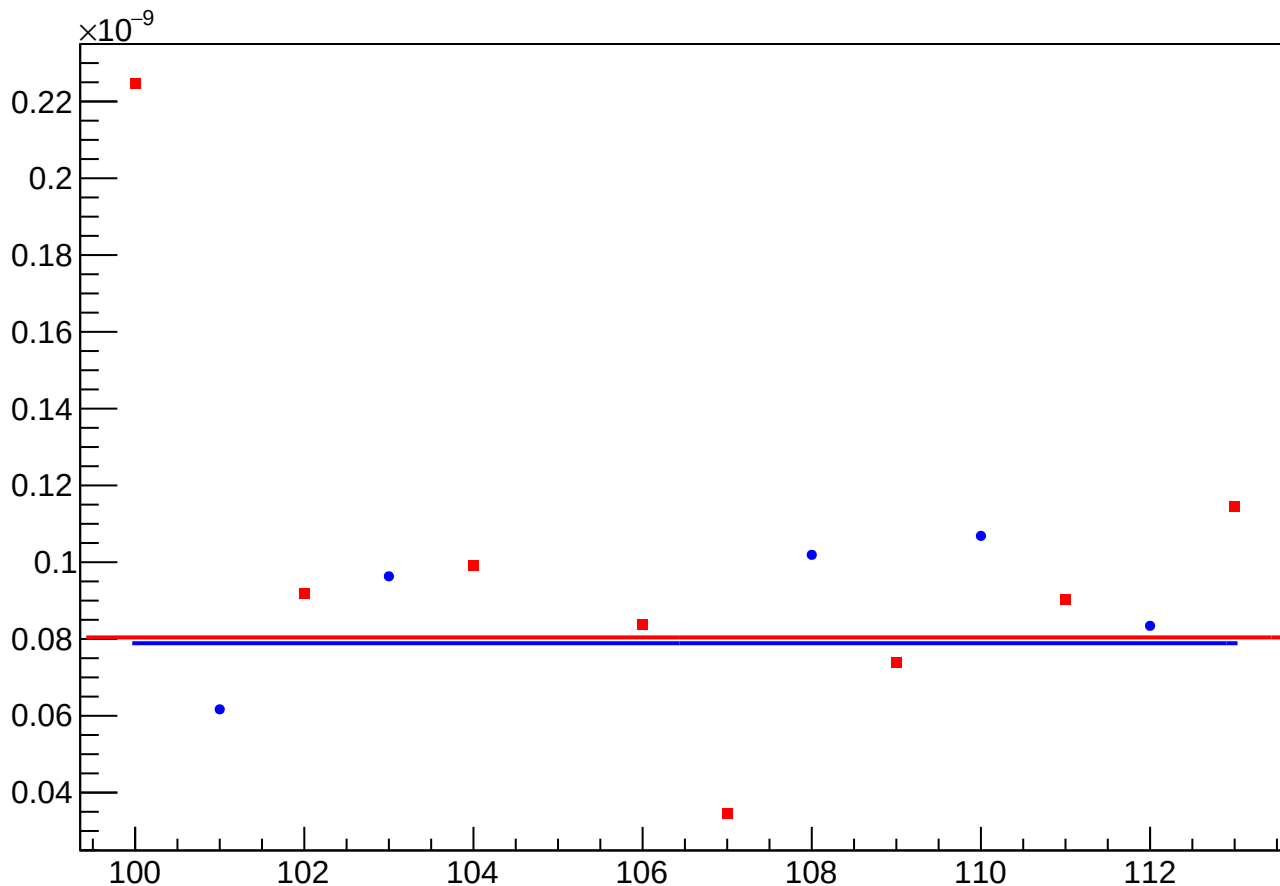
Right: 0.000+/-0.000 χ^2/NDF : 17.6/12

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 : 17.6/12

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 : 441505.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

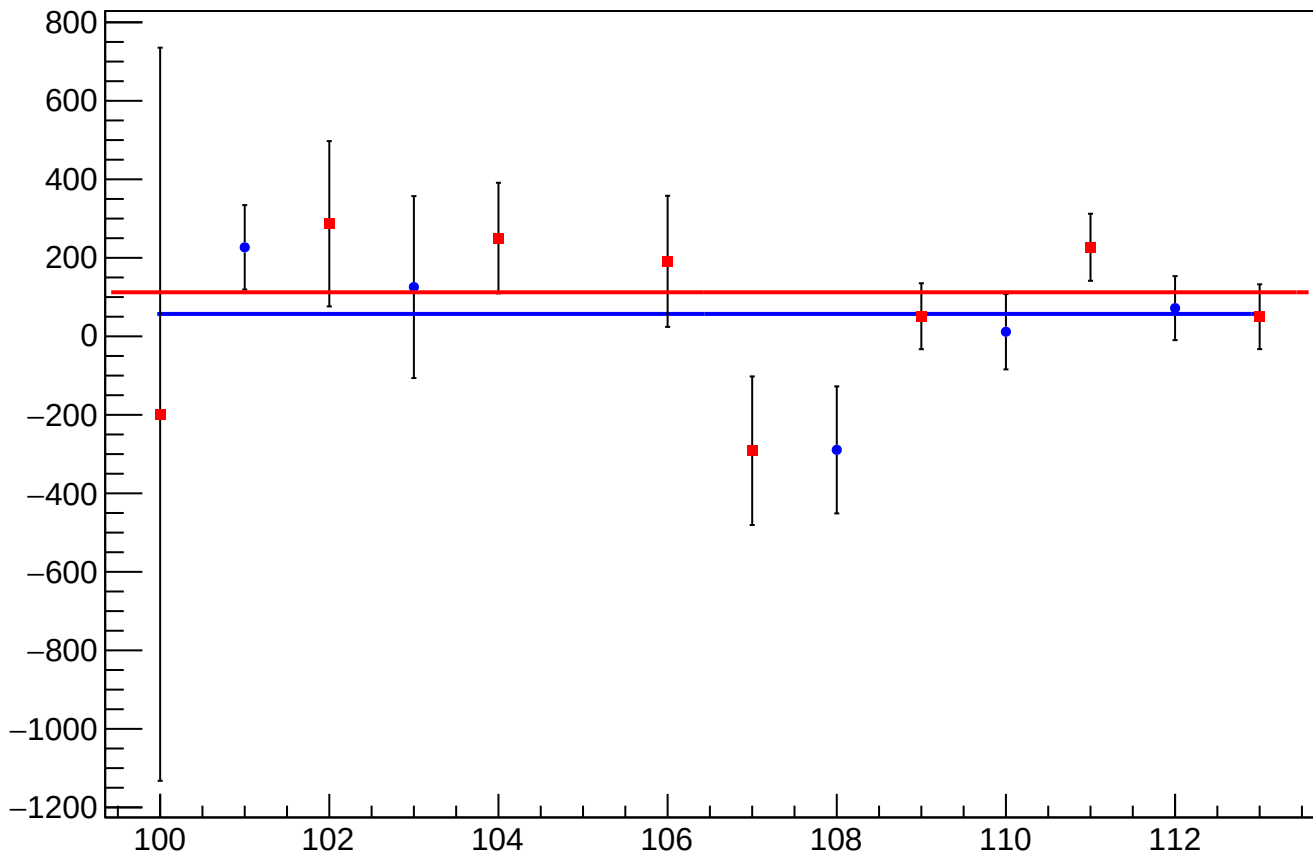
Right: 0.000+/-0.000 χ^2/NDF : 613882.1/12

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 : 613882.1/12

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: 112.251+/-42.120 χ^2/NDF : 9.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

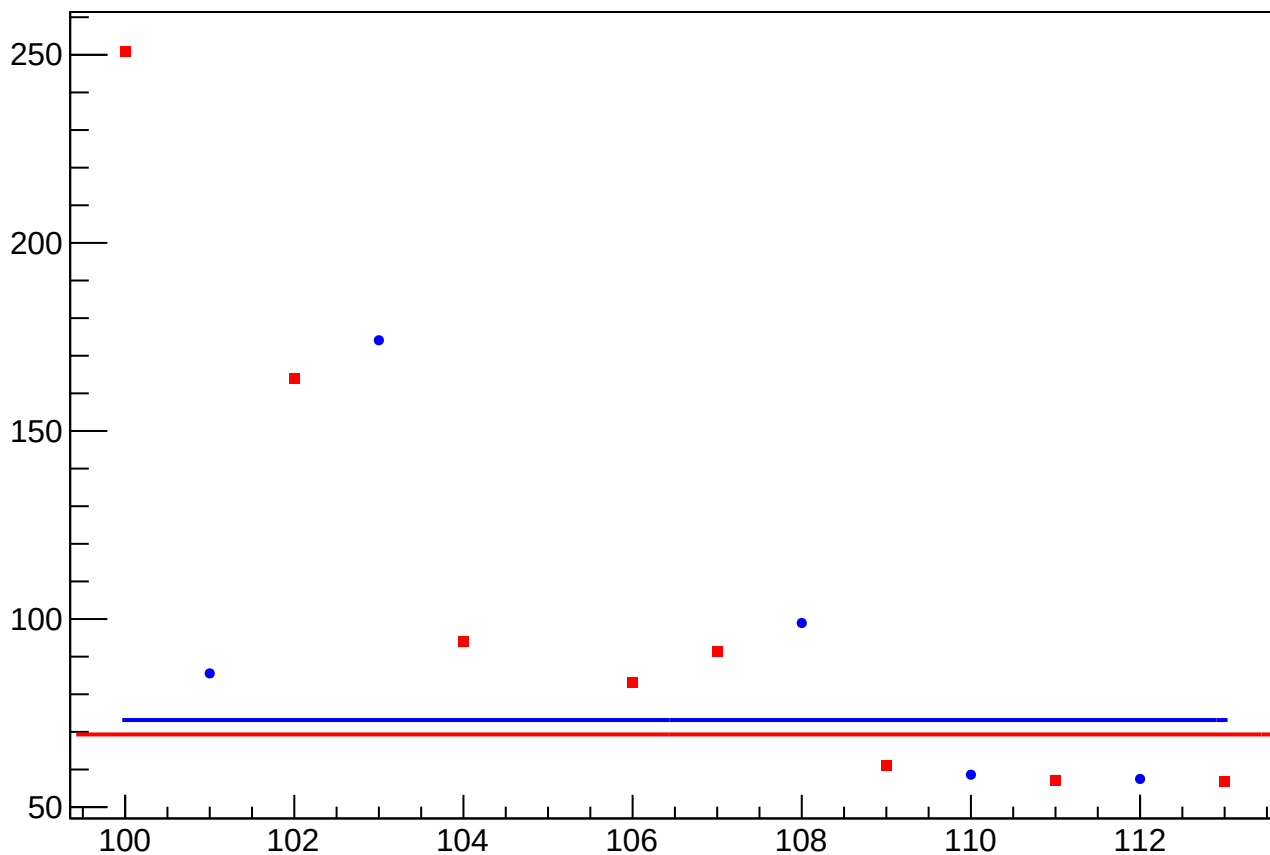
Right: 89.277+/-32.173 χ^2/NDF : 17.6/12

In: 57.101+/-49.848 χ^2/NDF : 7.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.277+/-32.173 χ^2/NDF : 17.6/12

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: 69.321+/-0.030 χ^2/NDF : 689336.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

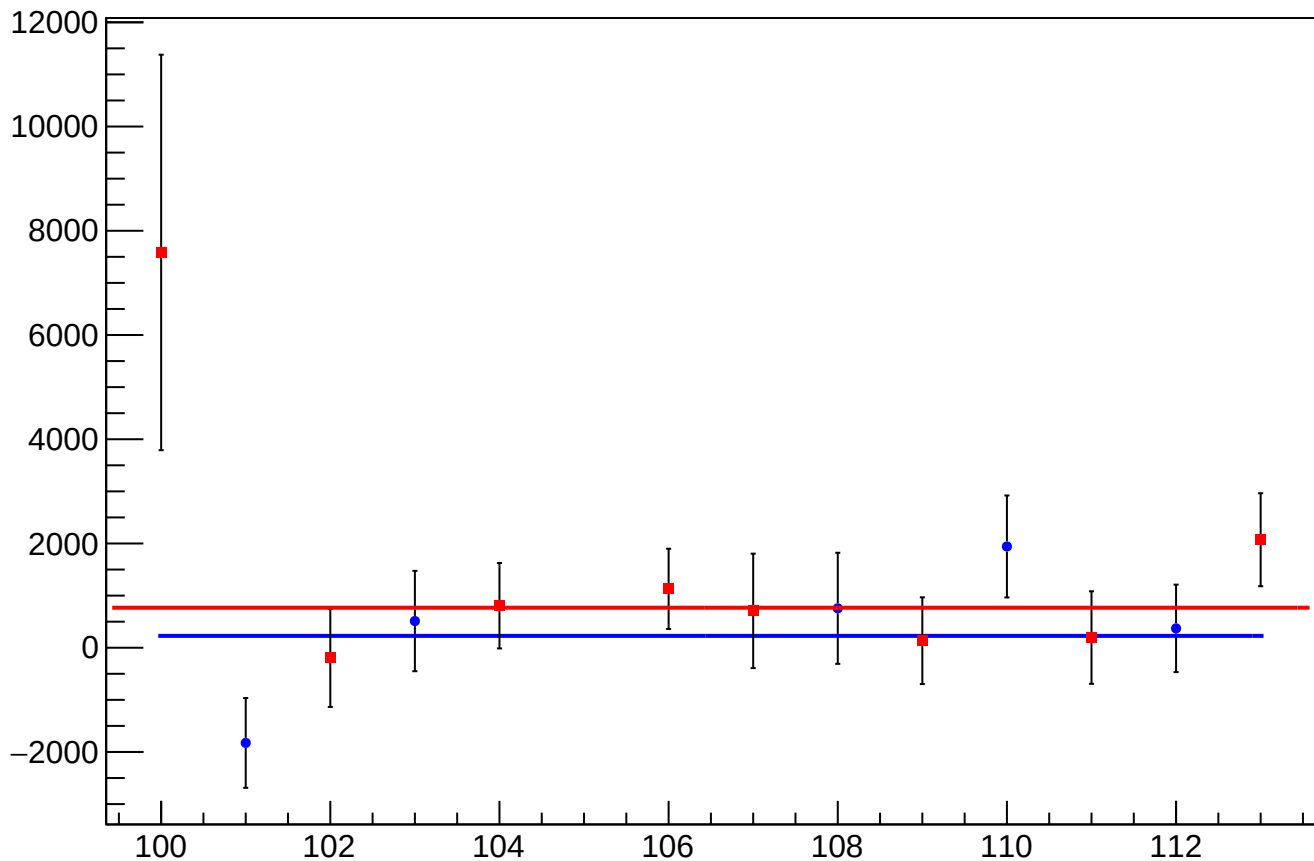
Right: 70.918+/-0.023 χ^2/NDF : 1273084.2/12

In: 73.155+/-0.035 χ^2/NDF : 576843.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.918+/-0.023 χ^2/NDF : 1273084.2/12

asym_sam_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 227.504 $\pm$ 416.187 χ^2 /NDF: 9.1/4

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 767.690 $\pm$ 330.176 χ^2 /NDF: 7.6/7

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

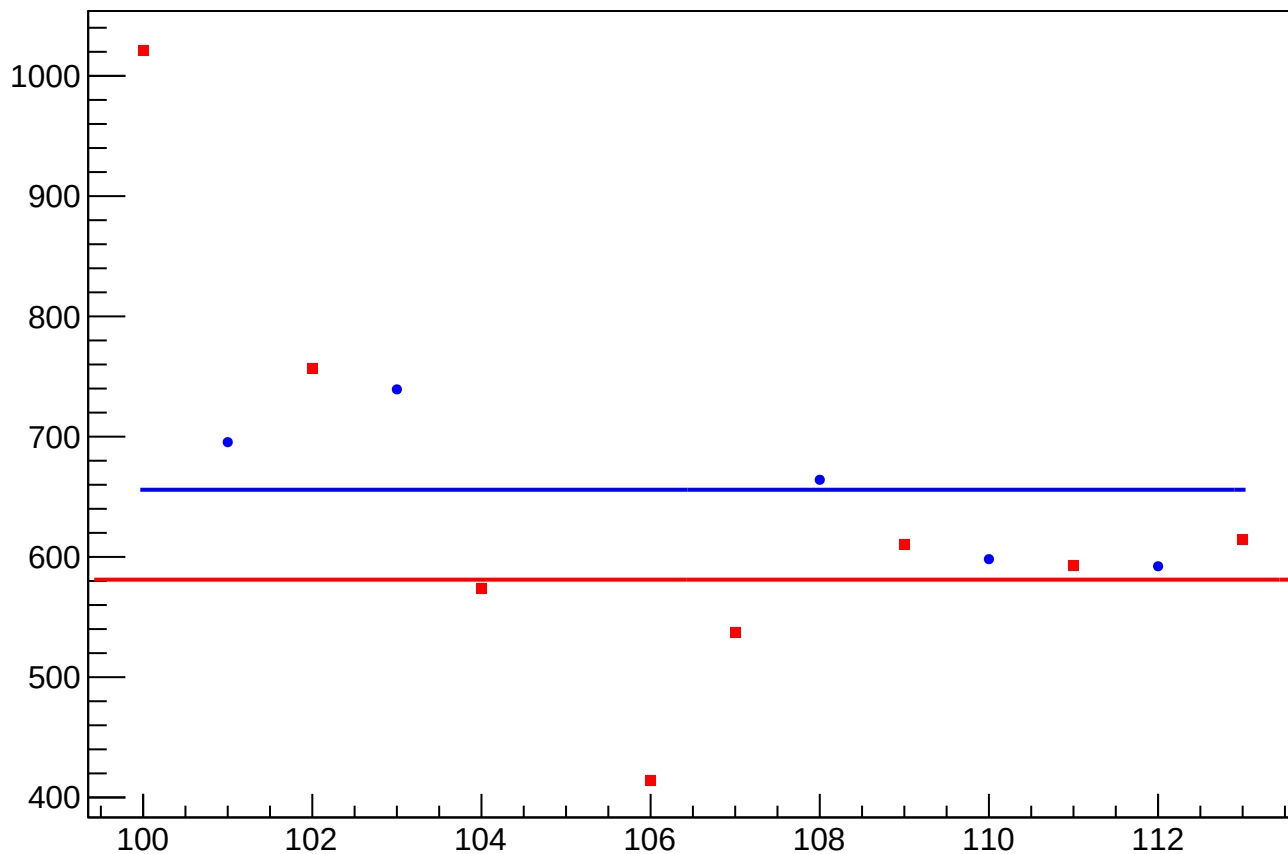
Right: 559.032 $\pm$ 258.663 χ^2 /NDF: 17.8/12

In: 227.504 $\pm$ 416.187 χ^2 /NDF:9.1/4

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 559.032 $\pm$ 258.663 χ^2 /NDF: 17.8/12

asym_sam_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 655.858 $\pm$ 0.294 χ^2 /NDF: 37830.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 581.087 $\pm$ 0.233 χ^2 /NDF: 199459.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

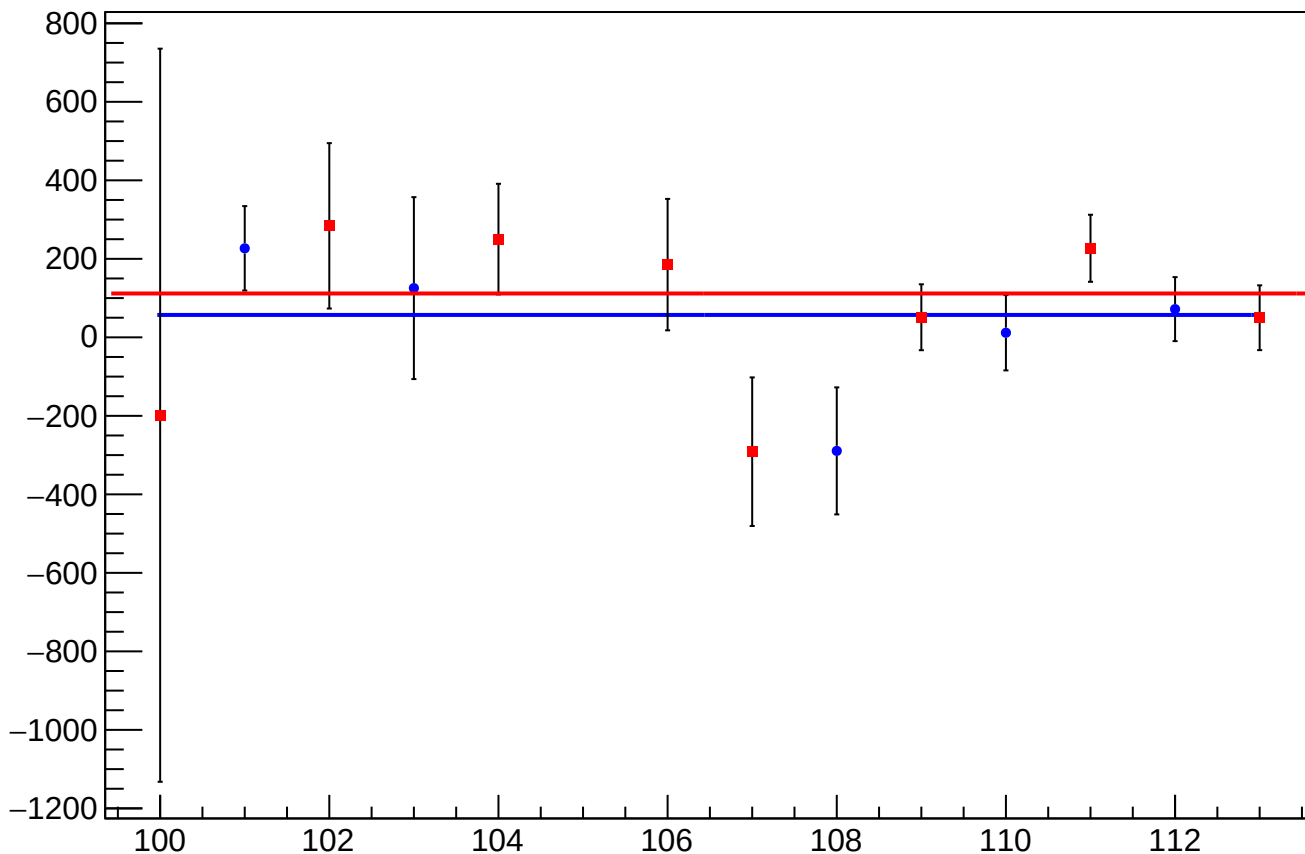
Right: 609.969 $\pm$ 0.183 χ^2 /NDF: 276908.8/12

In: 655.858 $\pm$ 0.294 χ^2 /NDF:37830.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 609.969 $\pm$ 0.183 χ^2 /NDF: 276908.8/12

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: 111.735+/-42.128 χ^2/NDF : 9.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

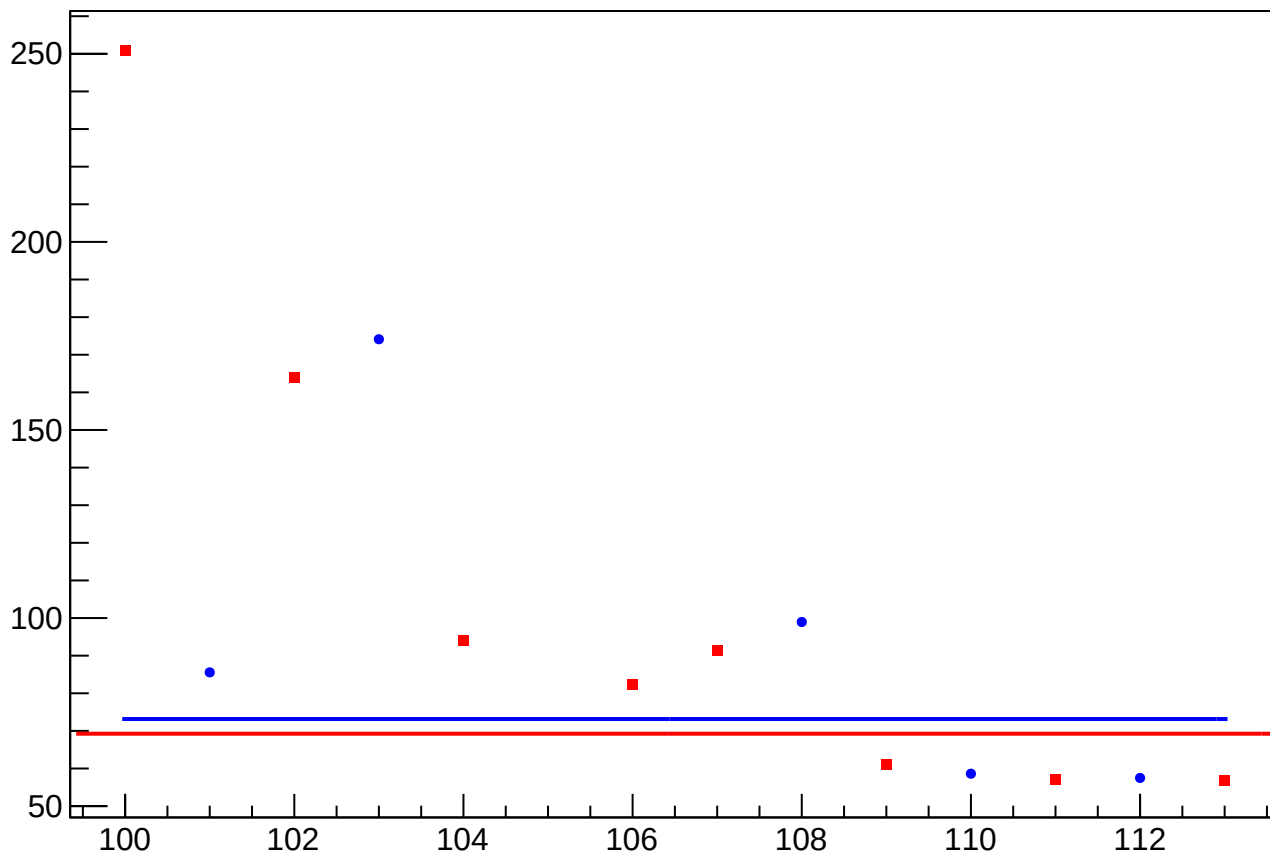
Right: 88.966+/-32.176 χ^2/NDF : 17.5/12

In: 57.087+/-49.848 χ^2/NDF : 7.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.966+/-32.176 χ^2/NDF : 17.5/12

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: 69.251+/-0.030 χ^2/NDF : 687482.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

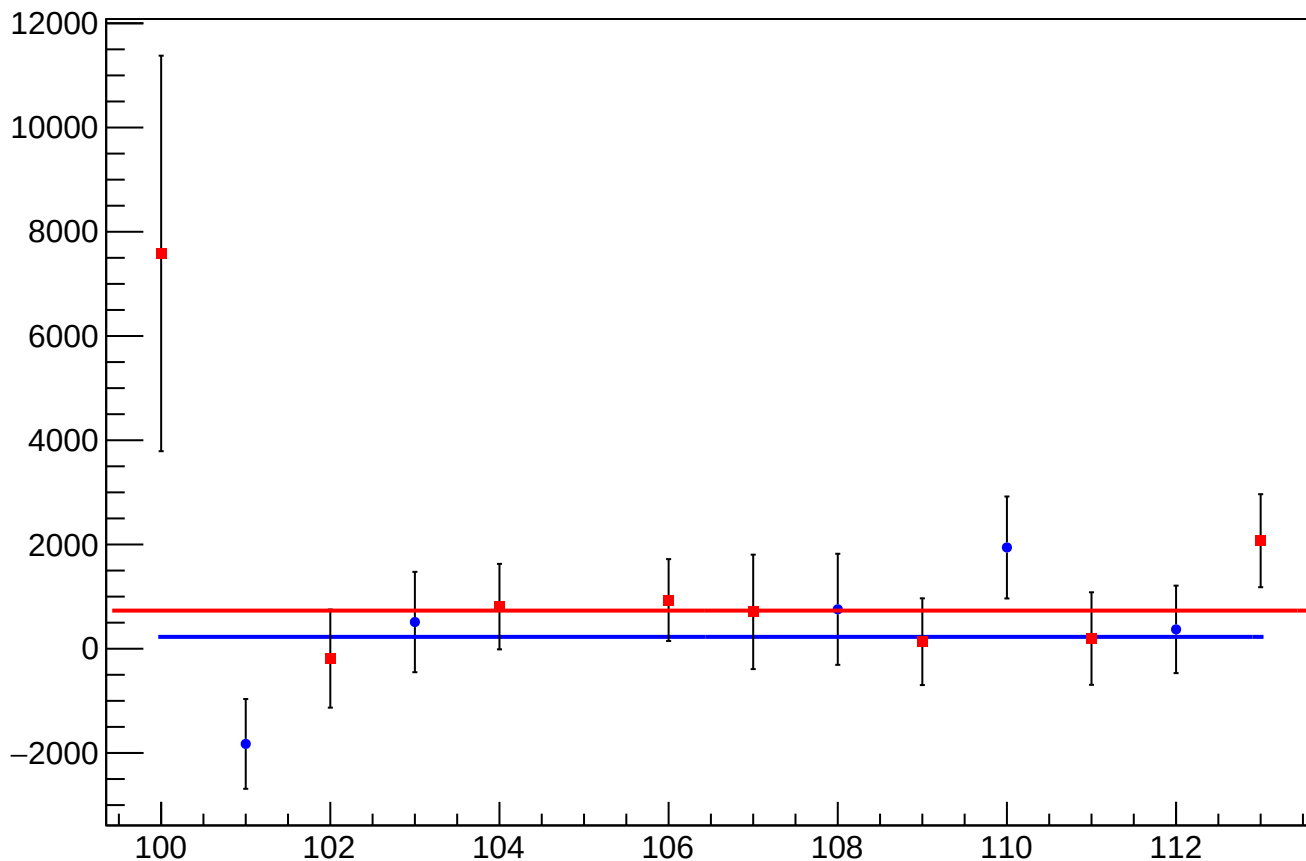
Right: 70.878+/-0.023 χ^2/NDF : 1271485.1/12

In: 73.155+/-0.035 χ^2/NDF : 576845.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.878+/-0.023 χ^2/NDF : 1271485.1/12

asym_sam_37_dd_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: 731.556+/-331.412 χ^2/NDF : 7.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

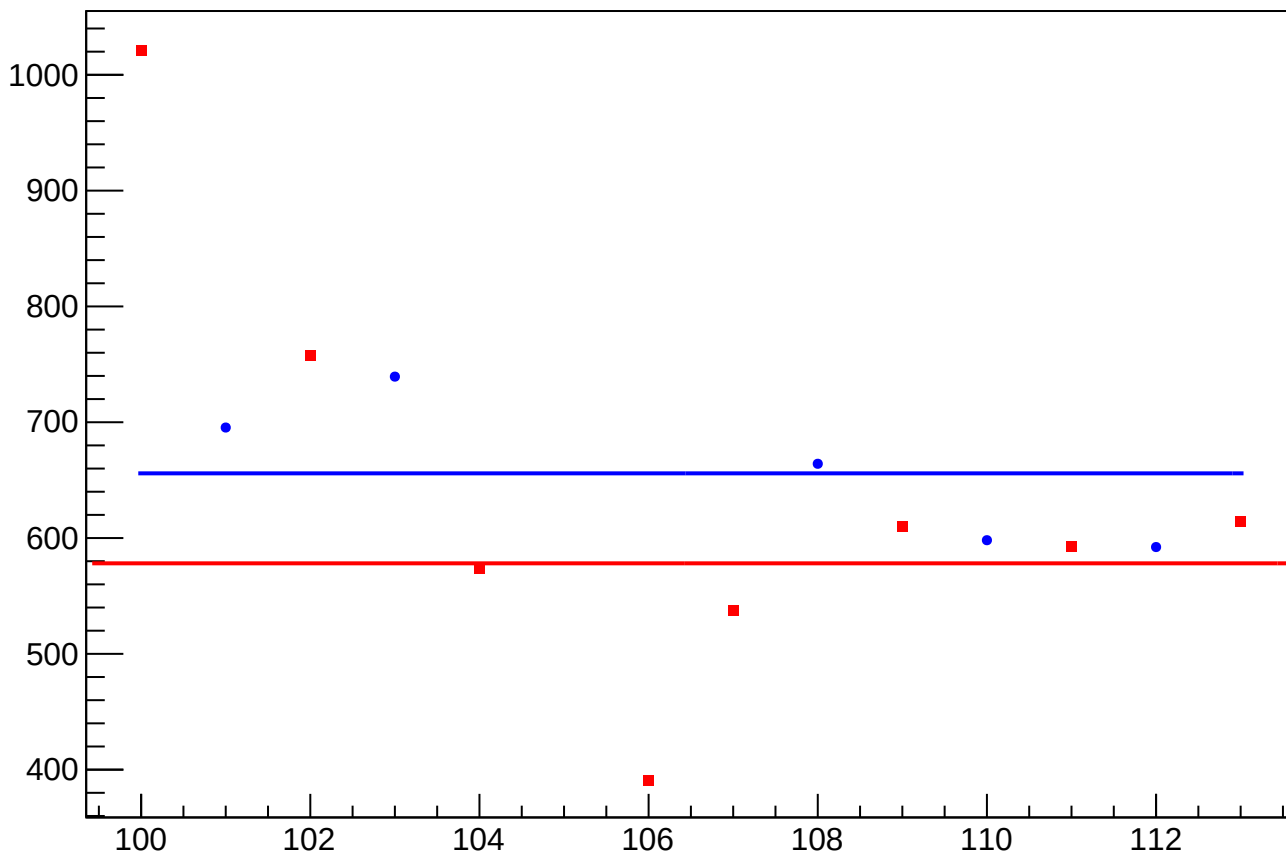
Right: 535.976+/-259.258 χ^2/NDF : 17.5/12

In: 227.527+/-416.196 χ^2/NDF : 9.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 535.976+/-259.258 χ^2/NDF : 17.5/12

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: 578.170+/-0.234 χ^2/NDF : 223184.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

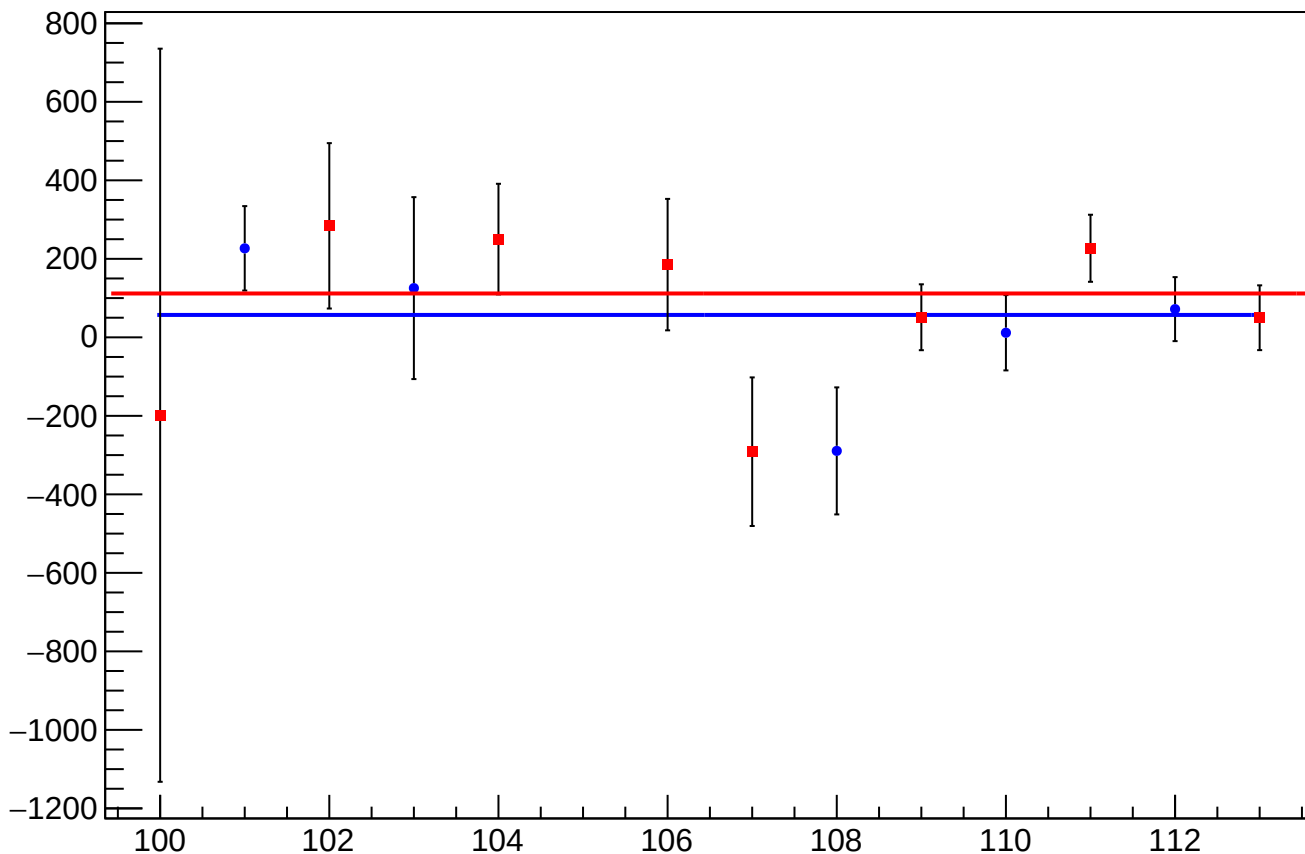
Right: 608.320+/-0.183 χ^2/NDF : 303697.3/12

In: 655.869+/-0.294 χ^2/NDF : 37855.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 608.320+/-0.183 χ^2/NDF : 303697.3/12

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: 111.735+/-42.128 χ^2/NDF : 9.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

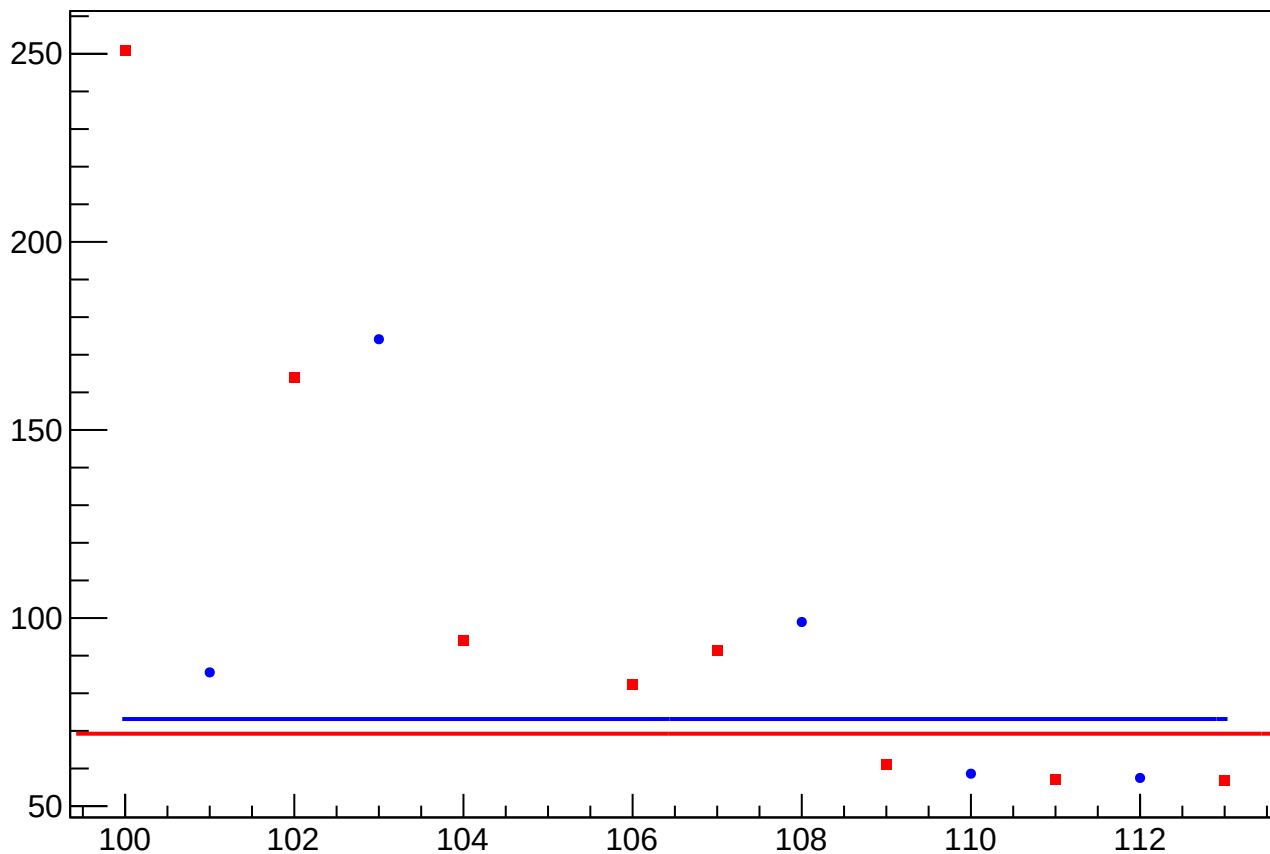
Right: 88.966+/-32.176 χ^2/NDF : 17.5/12

In: 57.087+/-49.848 χ^2/NDF : 7.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.966+/-32.176 χ^2/NDF : 17.5/12

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: 69.251+/-0.030 χ^2/NDF : 687482.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

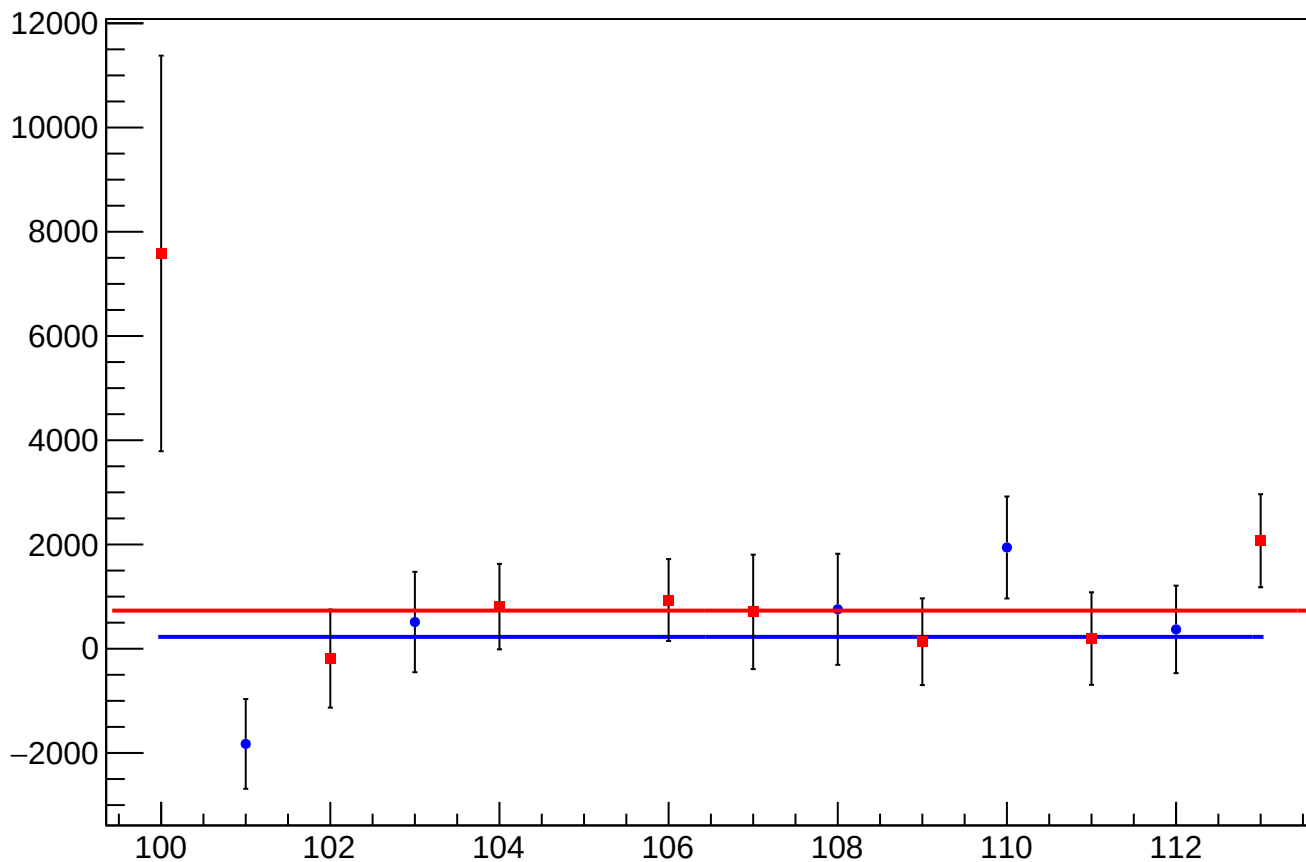
Right: 70.878+/-0.023 χ^2/NDF : 1271485.1/12

In: 73.155+/-0.035 χ^2/NDF : 576845.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.878+/-0.023 χ^2/NDF : 1271485.1/12

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: 731.556+/-331.412 χ^2/NDF : 7.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

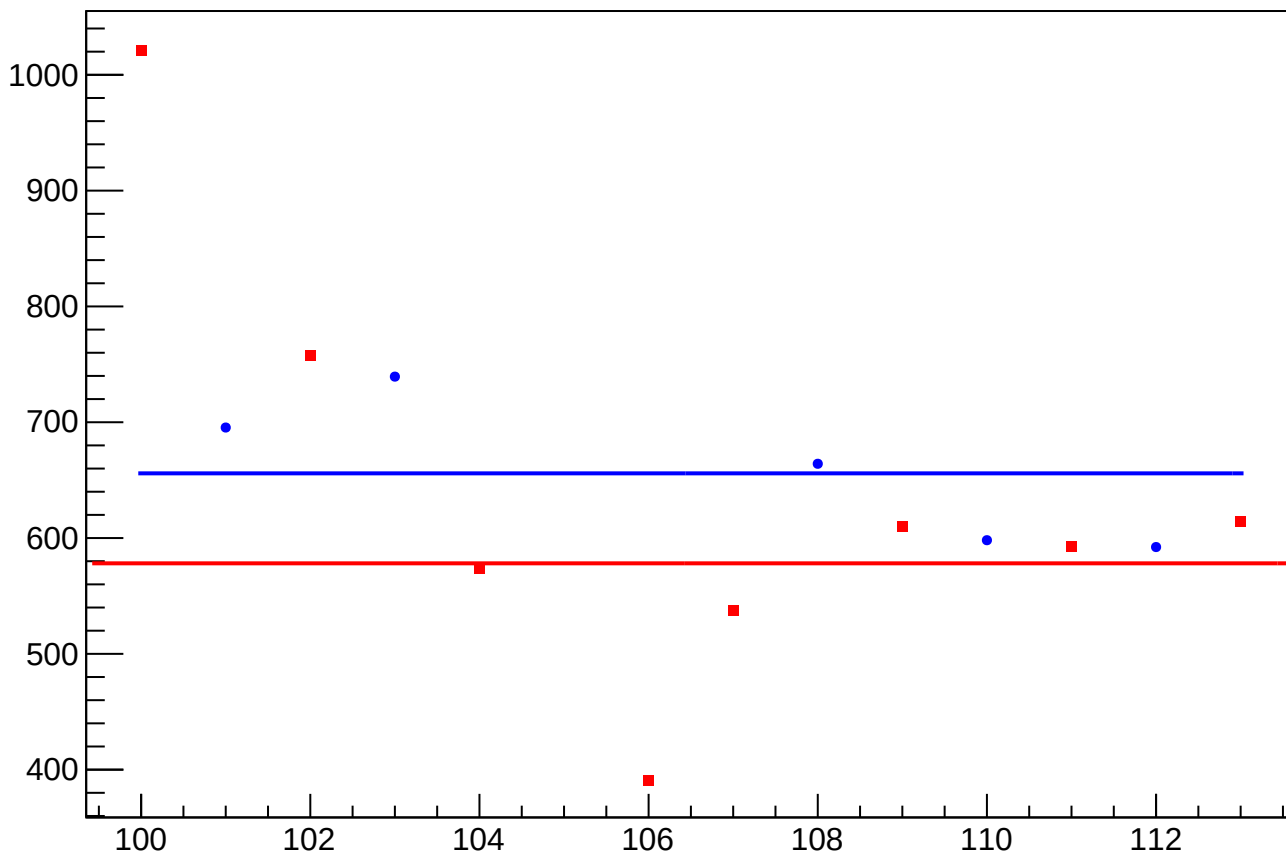
Right: 535.976+/-259.258 χ^2/NDF : 17.5/12

In: 227.527+/-416.196 χ^2/NDF : 9.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 535.976+/-259.258 χ^2/NDF : 17.5/12

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: 578.170+/-0.234 χ^2/NDF : 223184.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

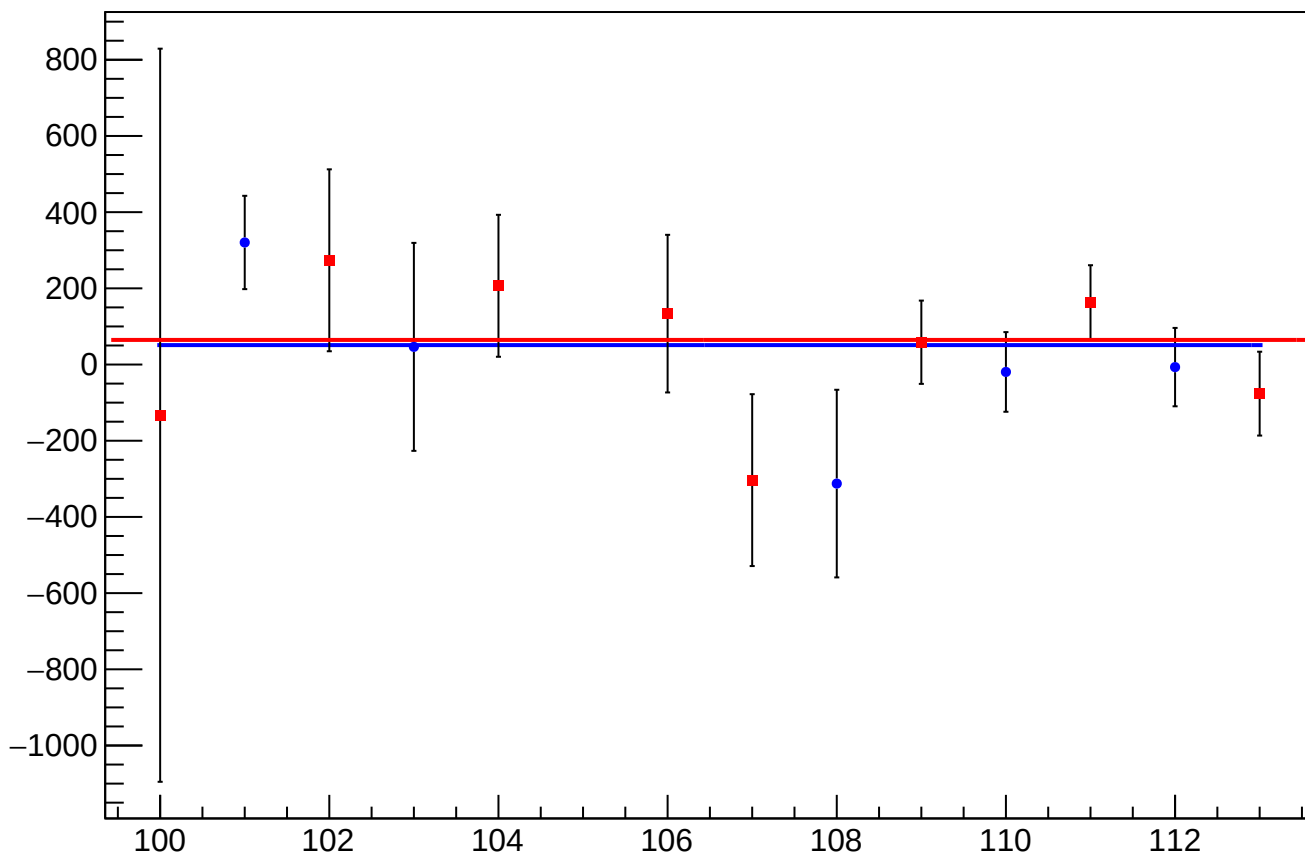
Right: 608.320+/-0.183 χ^2/NDF : 303697.3/12

In: 655.869+/-0.294 χ^2/NDF : 37855.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 608.320+/-0.183 χ^2/NDF : 303697.3/12

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: 64.629+/-52.639 χ^2/NDF : 6.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

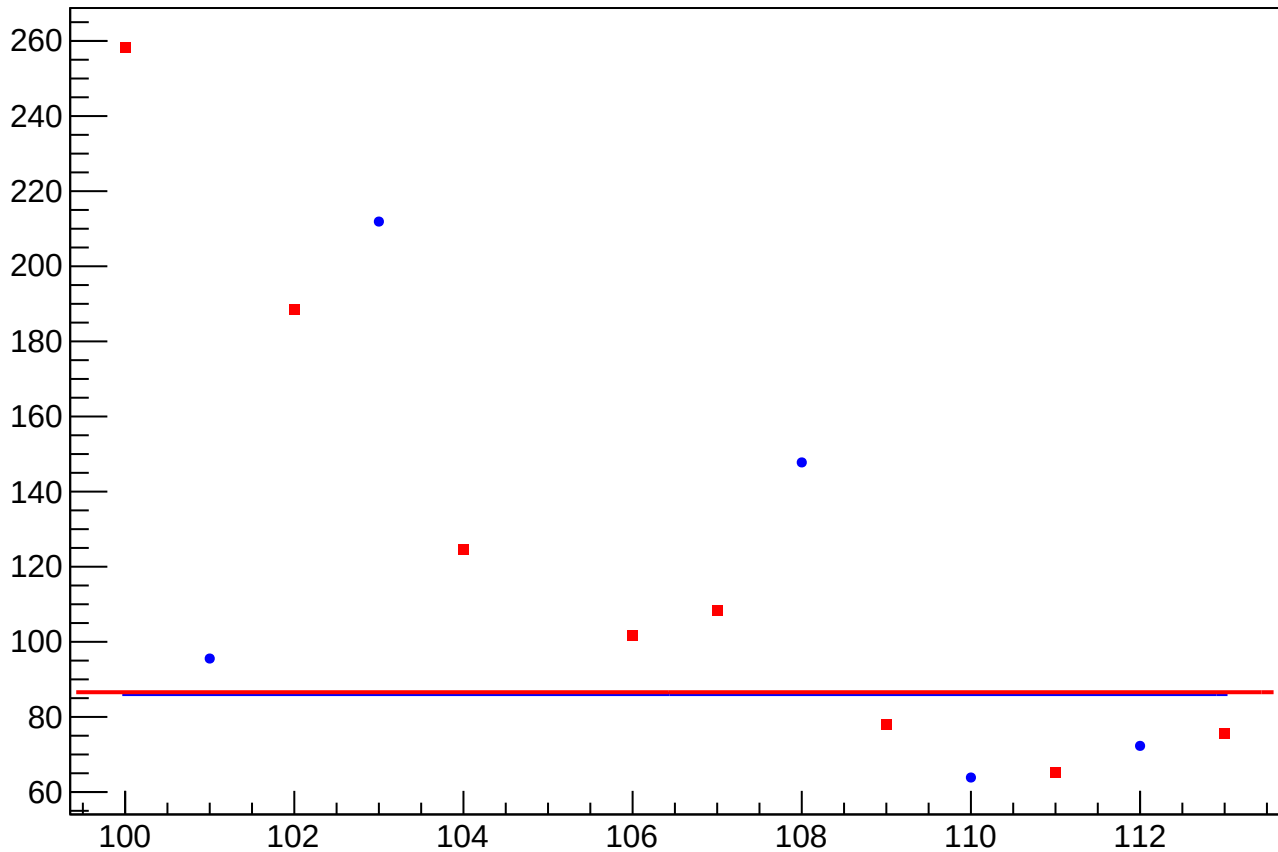
Right: 58.657+/-39.422 χ^2/NDF : 14.6/12

In: 51.029+/-59.489 χ^2/NDF : 7.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.657+/-39.422 χ^2/NDF : 14.6/12

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: 86.581+/-0.037 χ^2/NDF : 667566.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

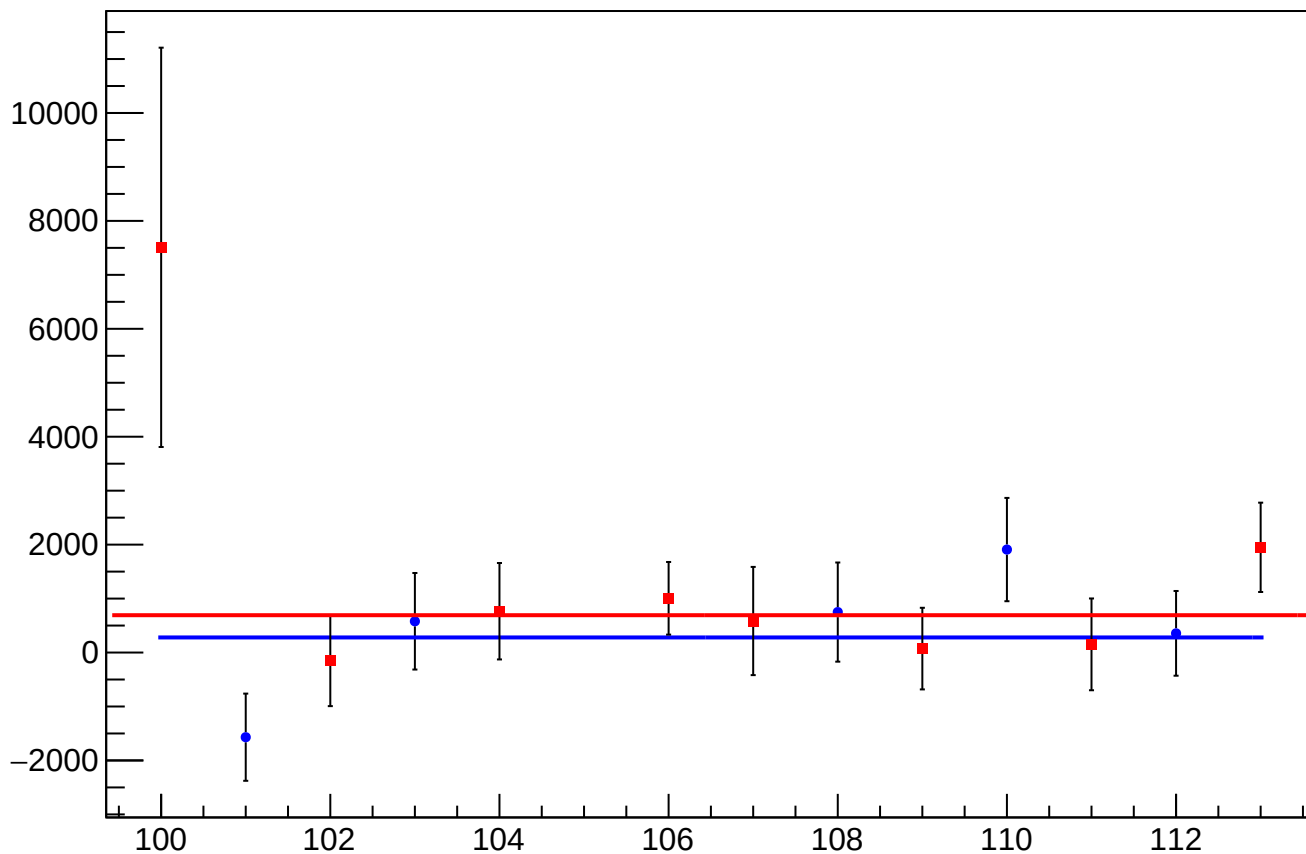
Right: 86.365+/-0.028 χ^2/NDF : 1356360.6/12

In: 86.088+/-0.042 χ^2/NDF : 688716.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.365+/-0.028 χ^2/NDF : 1356360.6/12

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: 692.043+/-308.309 χ^2/NDF : 8.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

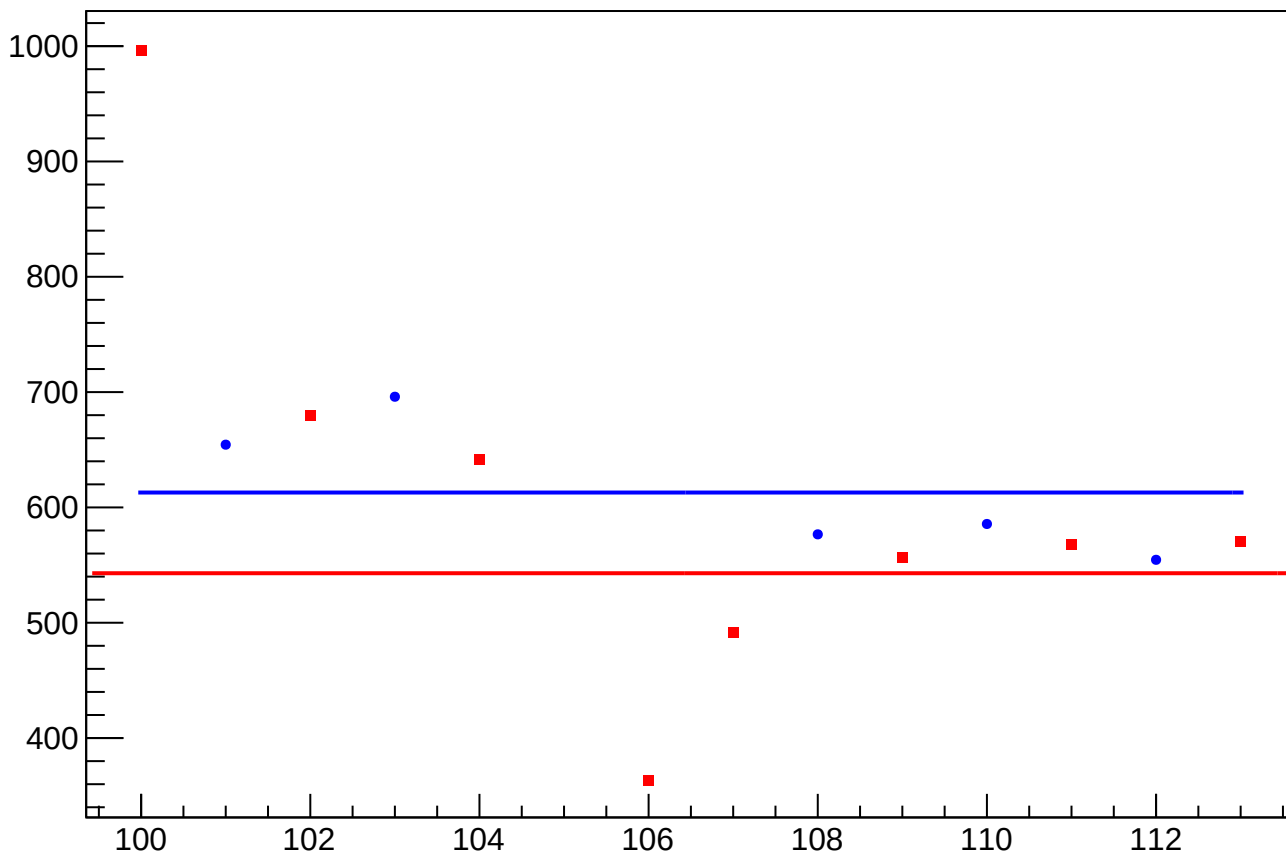
Right: 531.926+/-241.125 χ^2/NDF : 17.2/12

In: 279.729+/-386.934 χ^2/NDF : 8.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 531.926+/-241.125 χ^2/NDF : 17.2/12

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: 542.939+/-0.218 χ^2/NDF : 258933.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

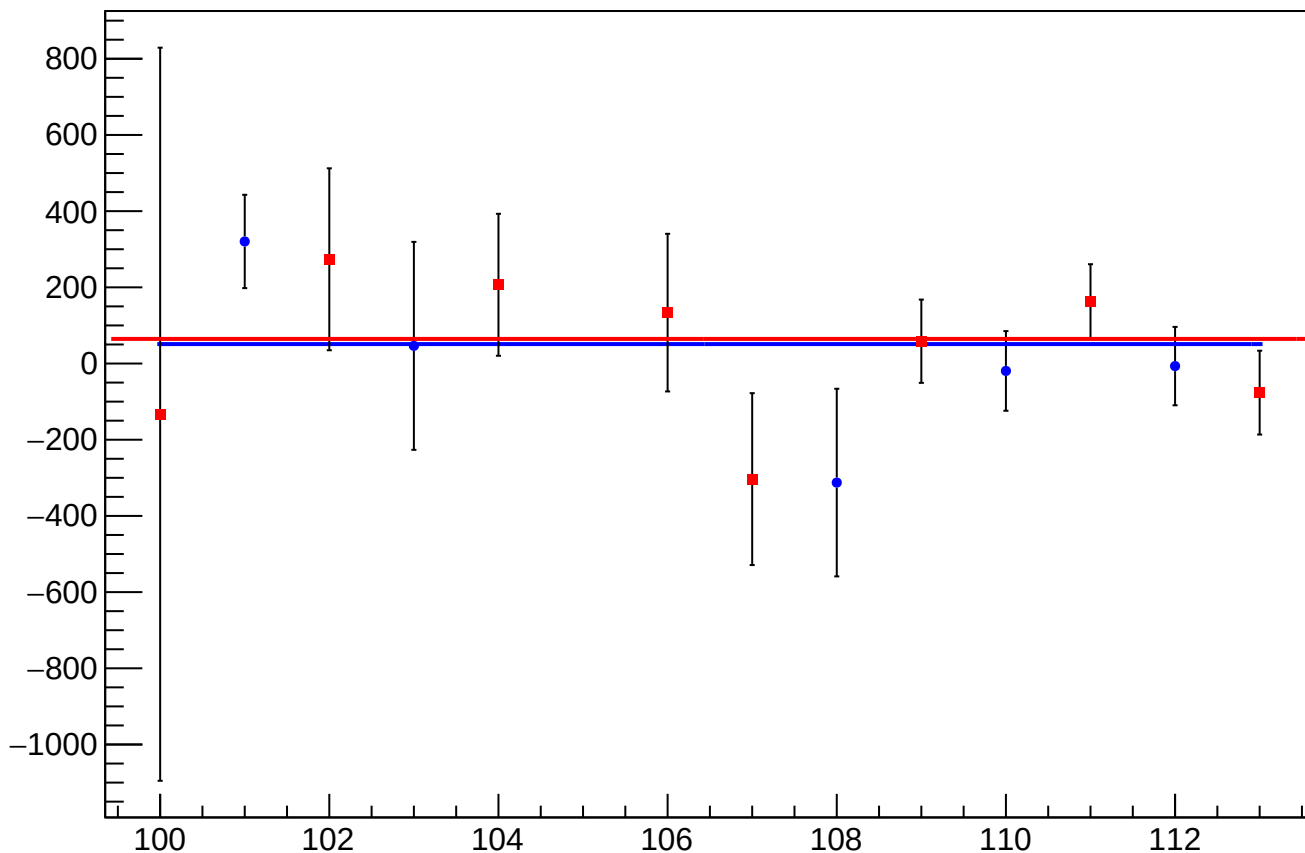
Right: 570.114+/-0.171 χ^2/NDF : 337239.4/12

In: 612.915+/-0.274 χ^2/NDF : 38295.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 570.114+/-0.171 χ^2/NDF : 337239.4/12

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: 64.629+/-52.639 χ^2/NDF : 6.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

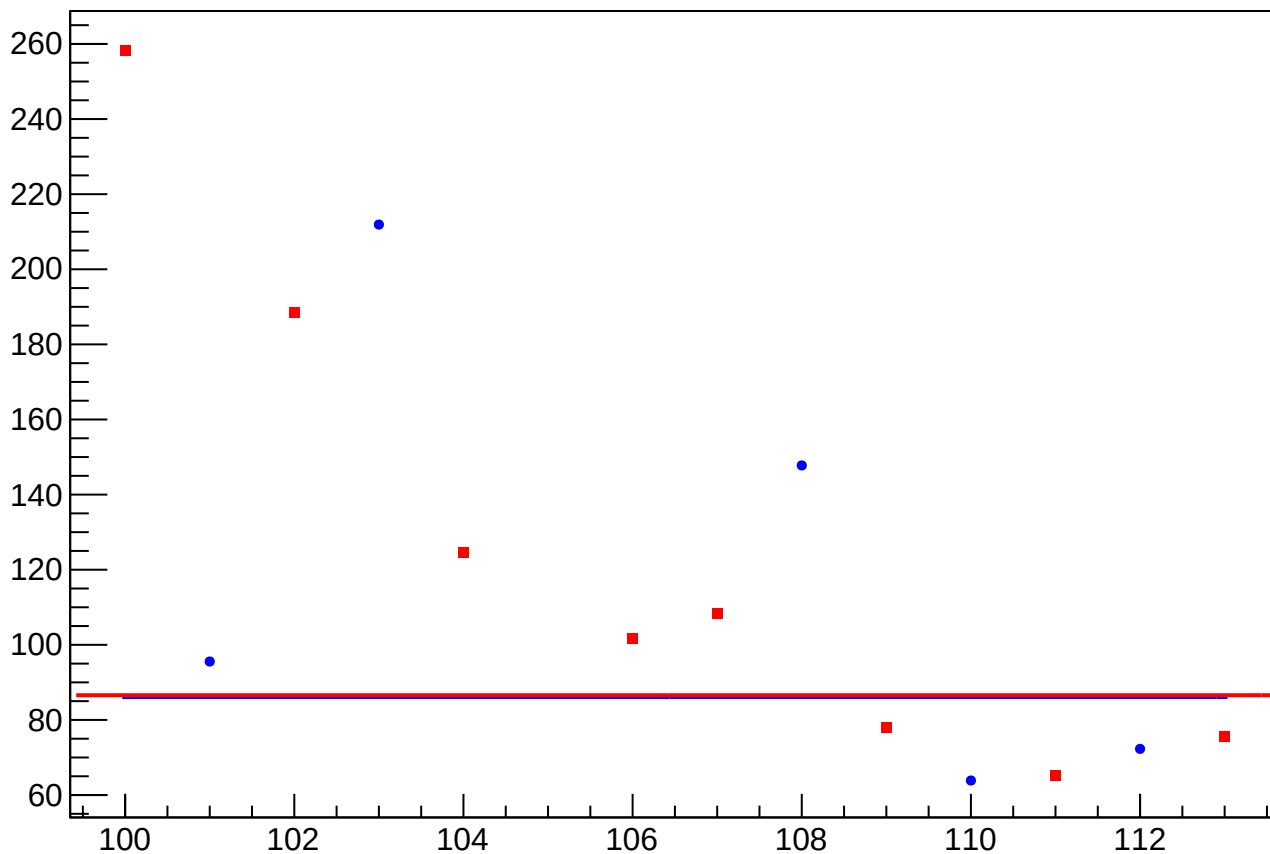
Right: 58.658+/-39.422 χ^2/NDF : 14.6/12

In: 51.031+/-59.489 χ^2/NDF : 7.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.658+/-39.422 χ^2/NDF : 14.6/12

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: 86.581+/-0.037 χ^2/NDF : 667569.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

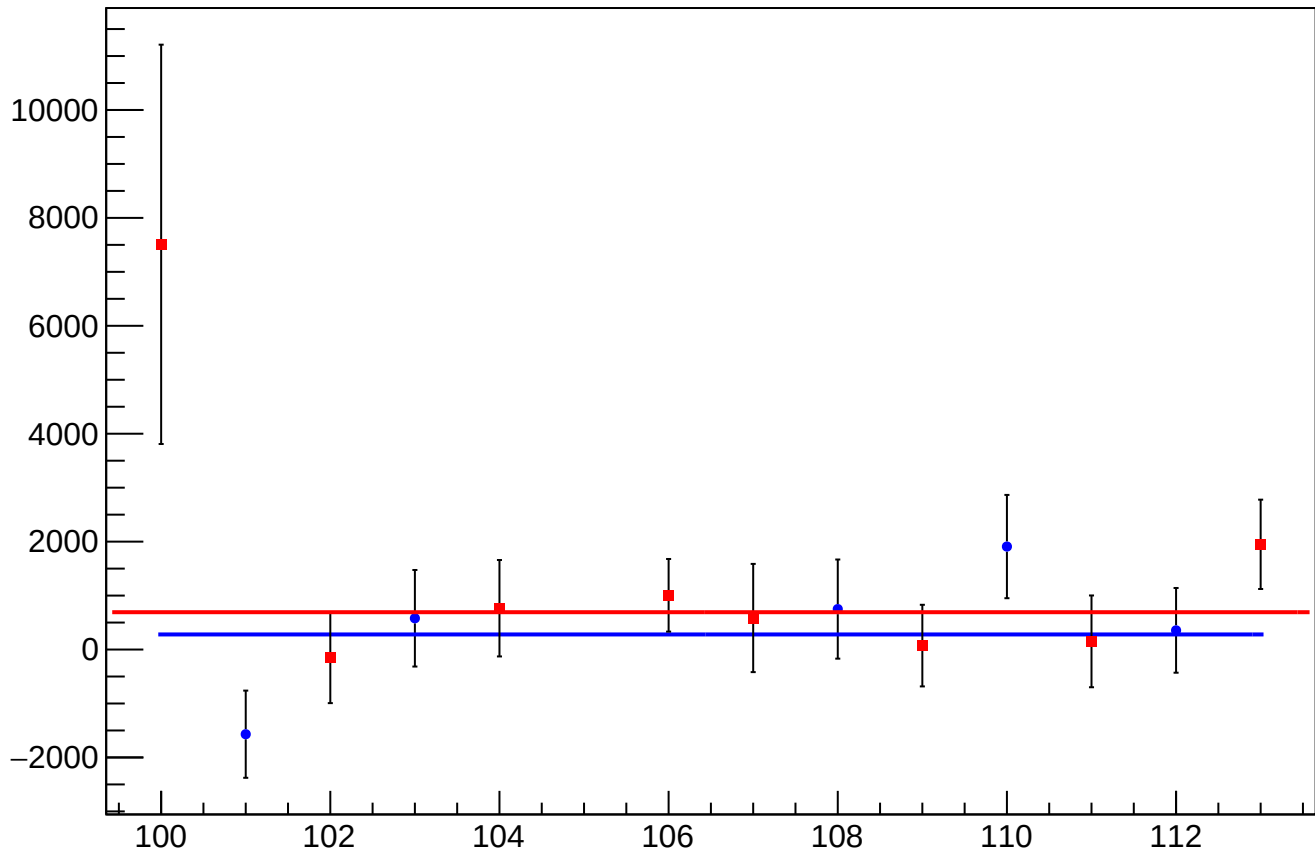
Right: 86.365+/-0.028 χ^2/NDF : 1356373.6/12

In: 86.088+/-0.042 χ^2/NDF : 688727.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.365+/-0.028 χ^2/NDF : 1356373.6/12

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: 692.041+/-308.308 χ^2/NDF : 8.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

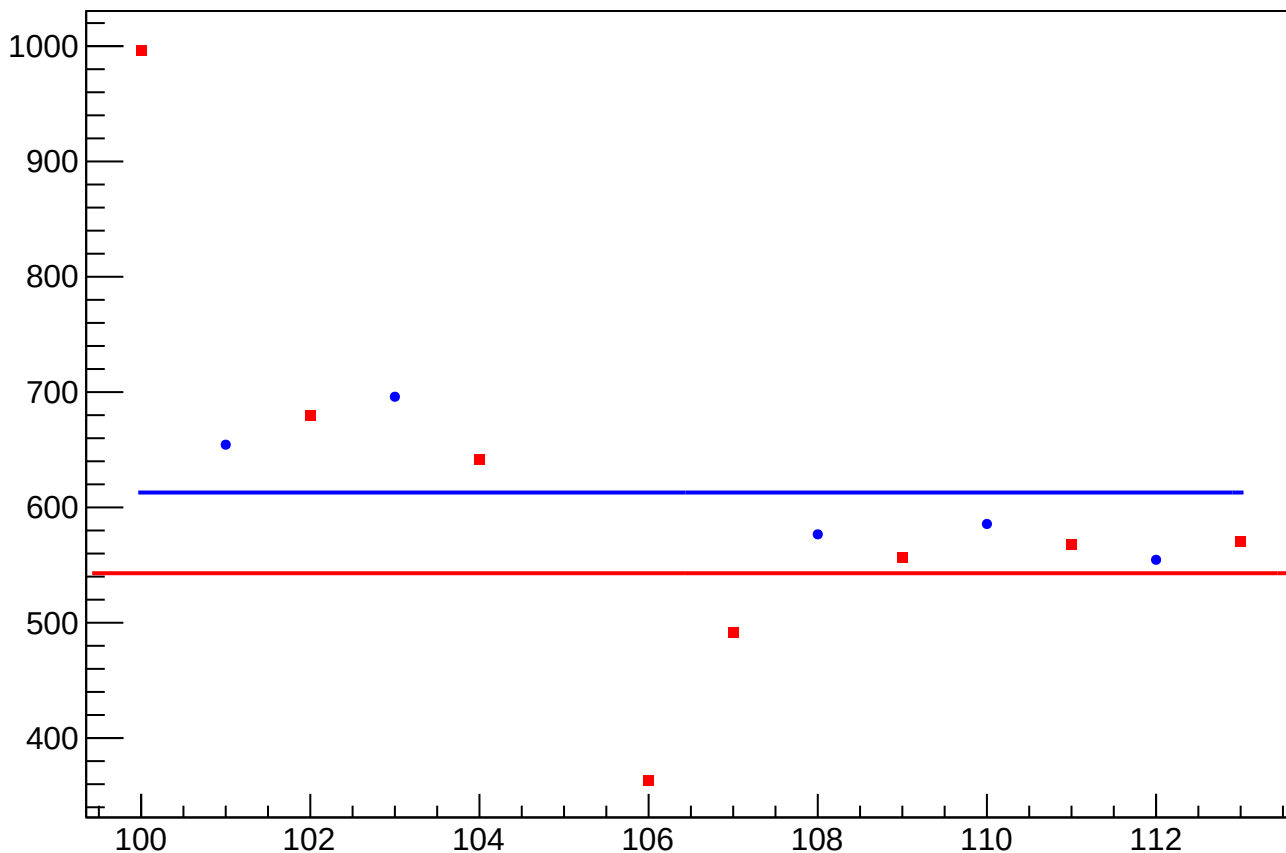
Right: 531.924+/-241.124 χ^2/NDF : 17.2/12

In: 279.727+/-386.933 χ^2/NDF : 8.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 531.924+/-241.124 χ^2/NDF : 17.2/12

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: 542.938+/-0.218 χ^2/NDF : 258931.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

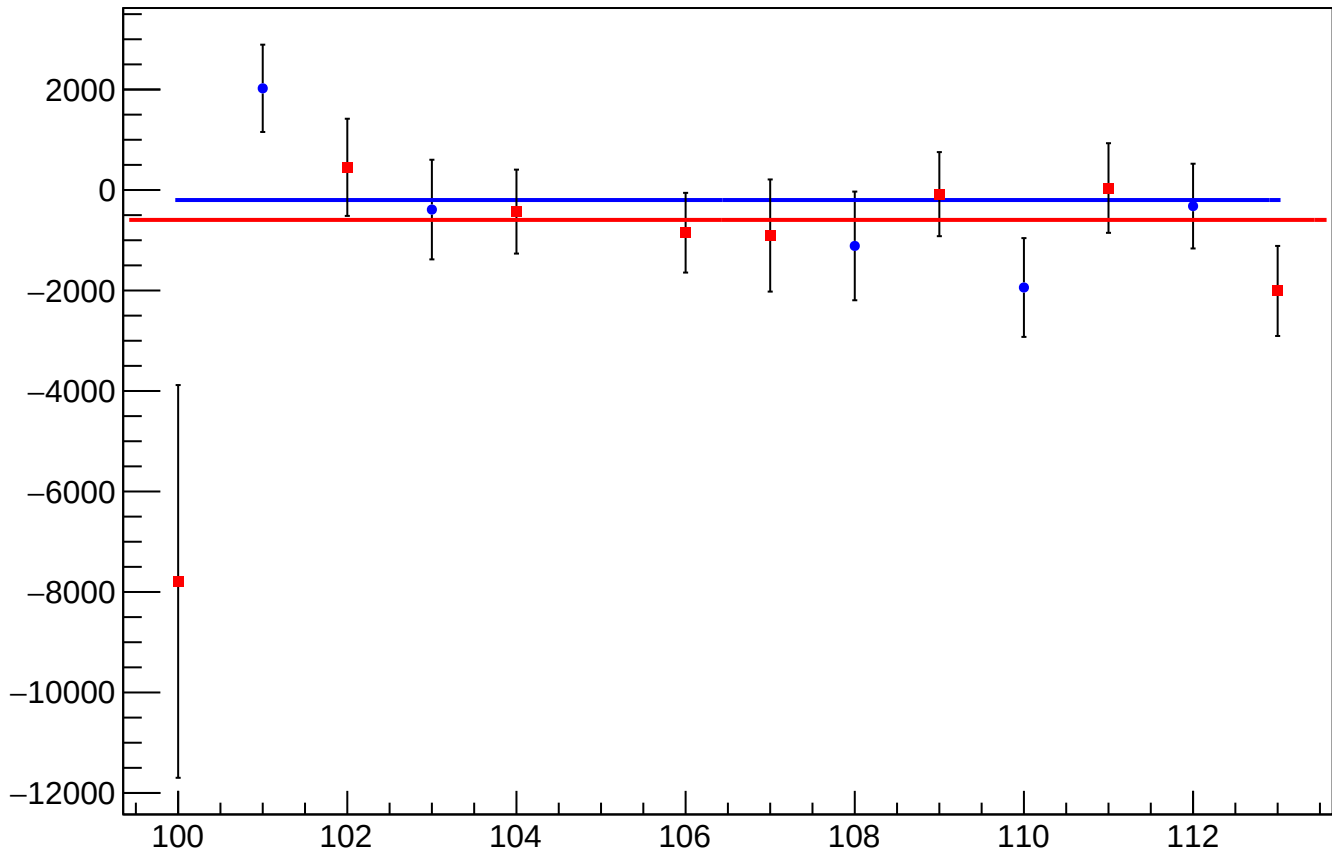
Right: 570.113+/-0.171 χ^2/NDF : 337234.8/12

In: 612.914+/-0.274 χ^2/NDF : 38293.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 570.113+/-0.171 χ^2/NDF : 337234.8/12

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: -595.049+/-335.390 χ^2/NDF : 8.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

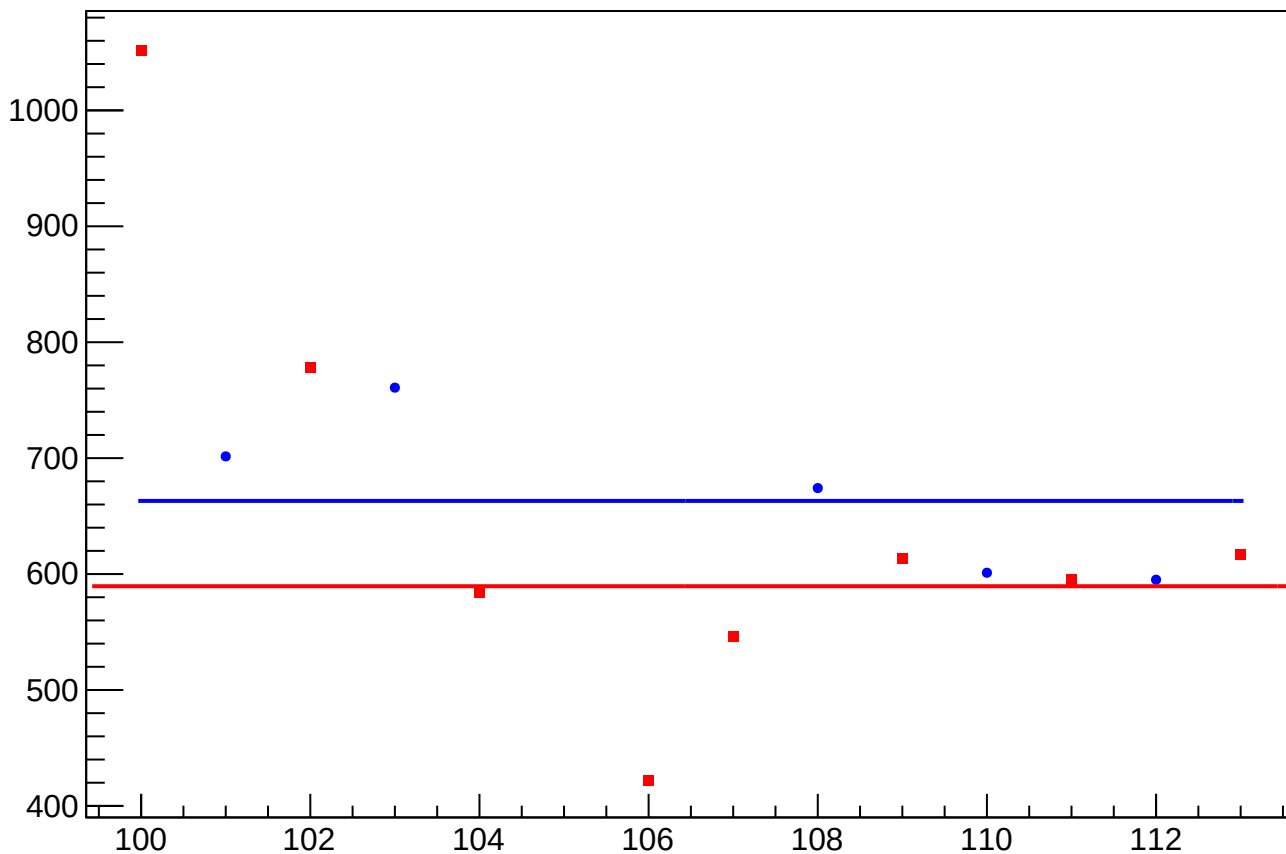
Right: -441.527+/-262.354 χ^2/NDF : 19.1/12

In: -199.485+/-421.125 χ^2/NDF : 10.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -441.527+/-262.354 χ^2/NDF : 19.1/12

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: 589.515+/-0.237 χ^2/NDF : 199697.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

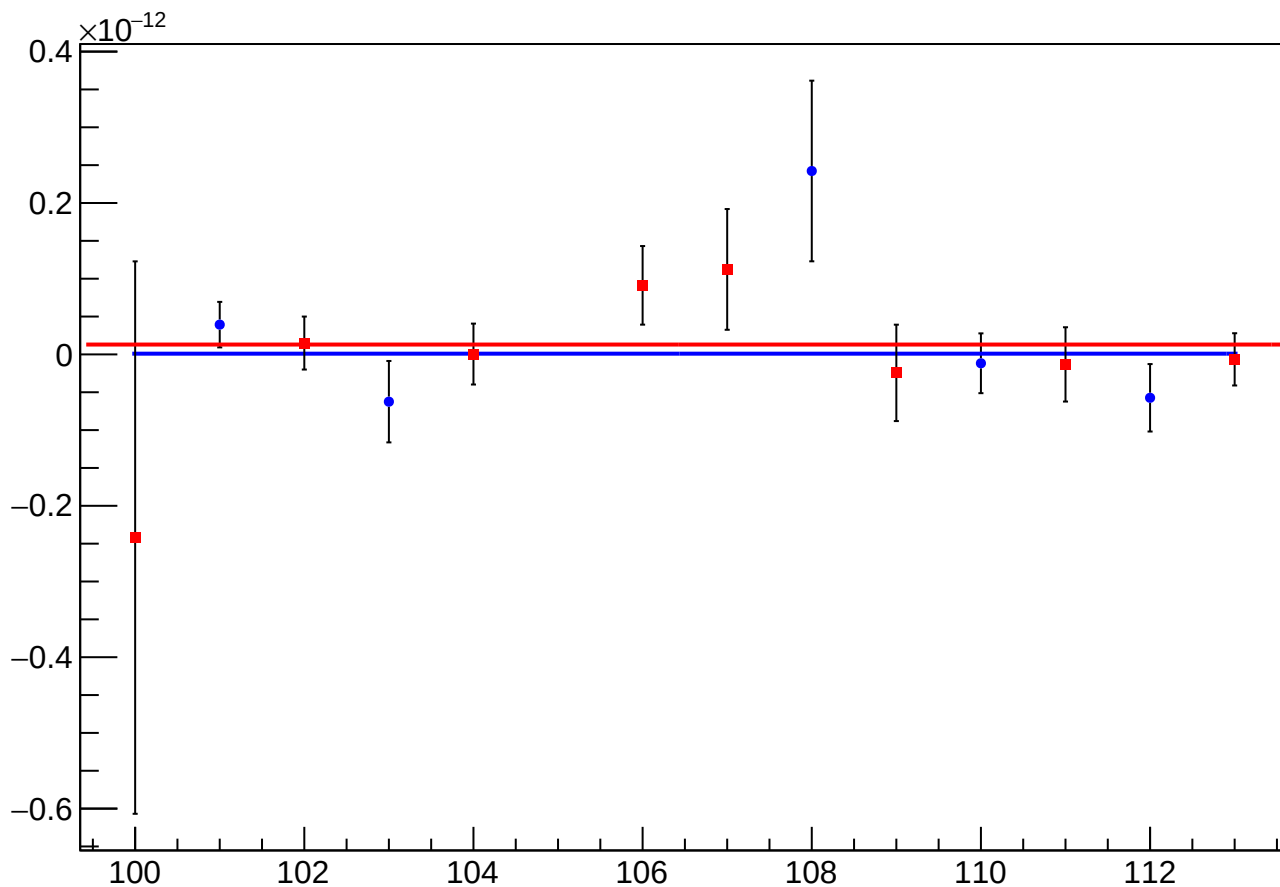
Right: 618.076+/-0.186 χ^2/NDF : 281555.1/12

In: 663.106+/-0.298 χ^2/NDF : 44487.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 618.076+/-0.186 χ^2/NDF : 281555.1/12

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 : 5.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

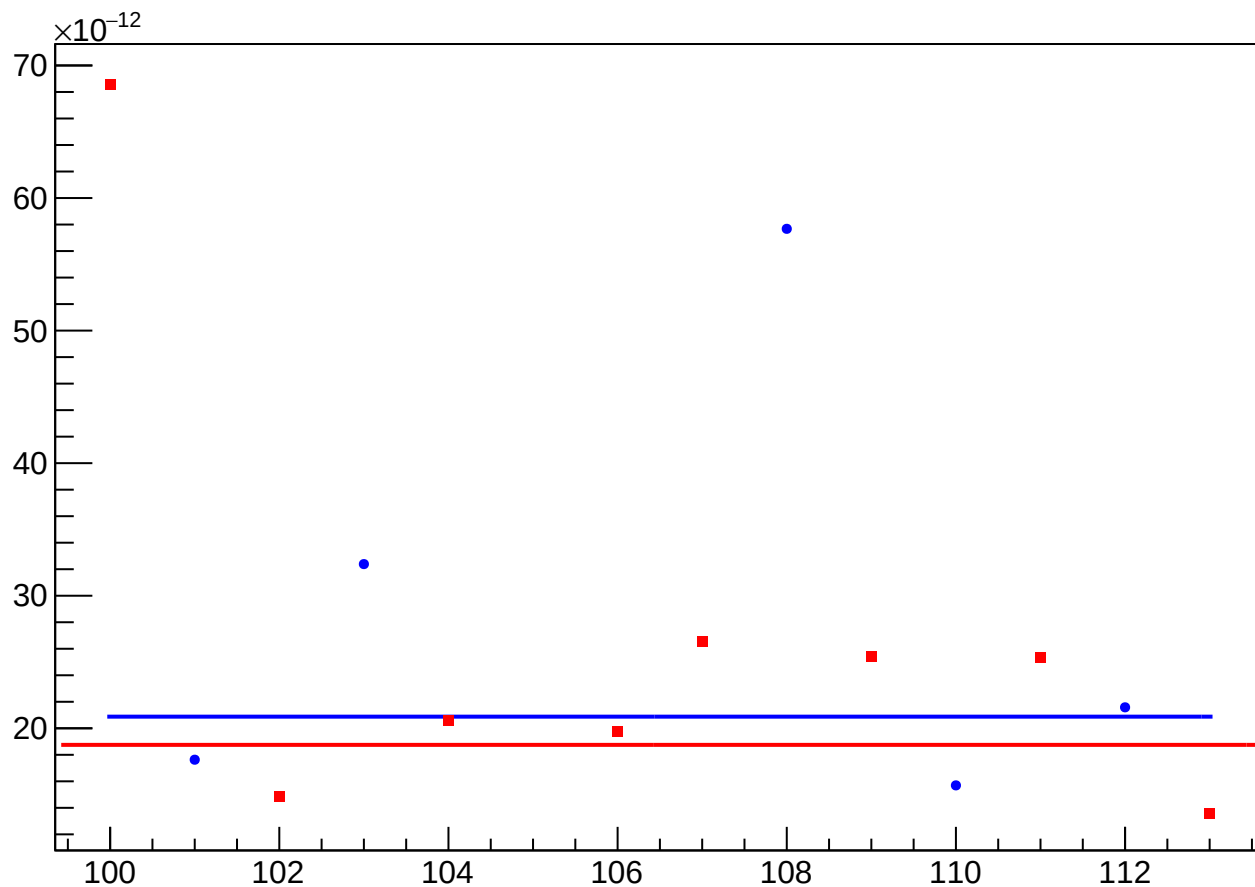
Right: 0.000+/-0.000 χ^2/NDF : 14.5/12

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 : 14.5/12

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 : 189150.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

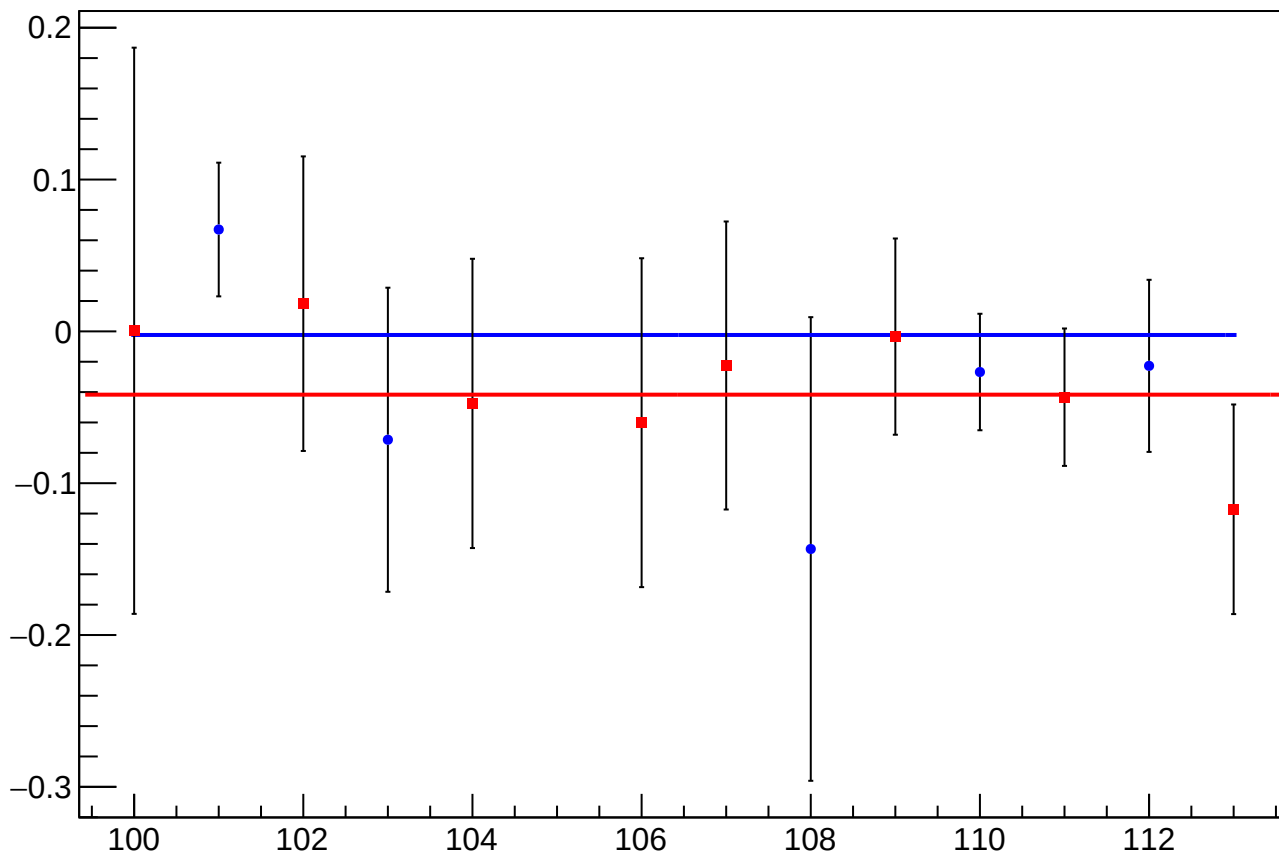
Right: 0.000+/-0.000 χ^2/NDF : 542987.5/12

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 : 542987.5/12

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: -0.042 $\pm$ 0.027 χ^2 /NDF: 2.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

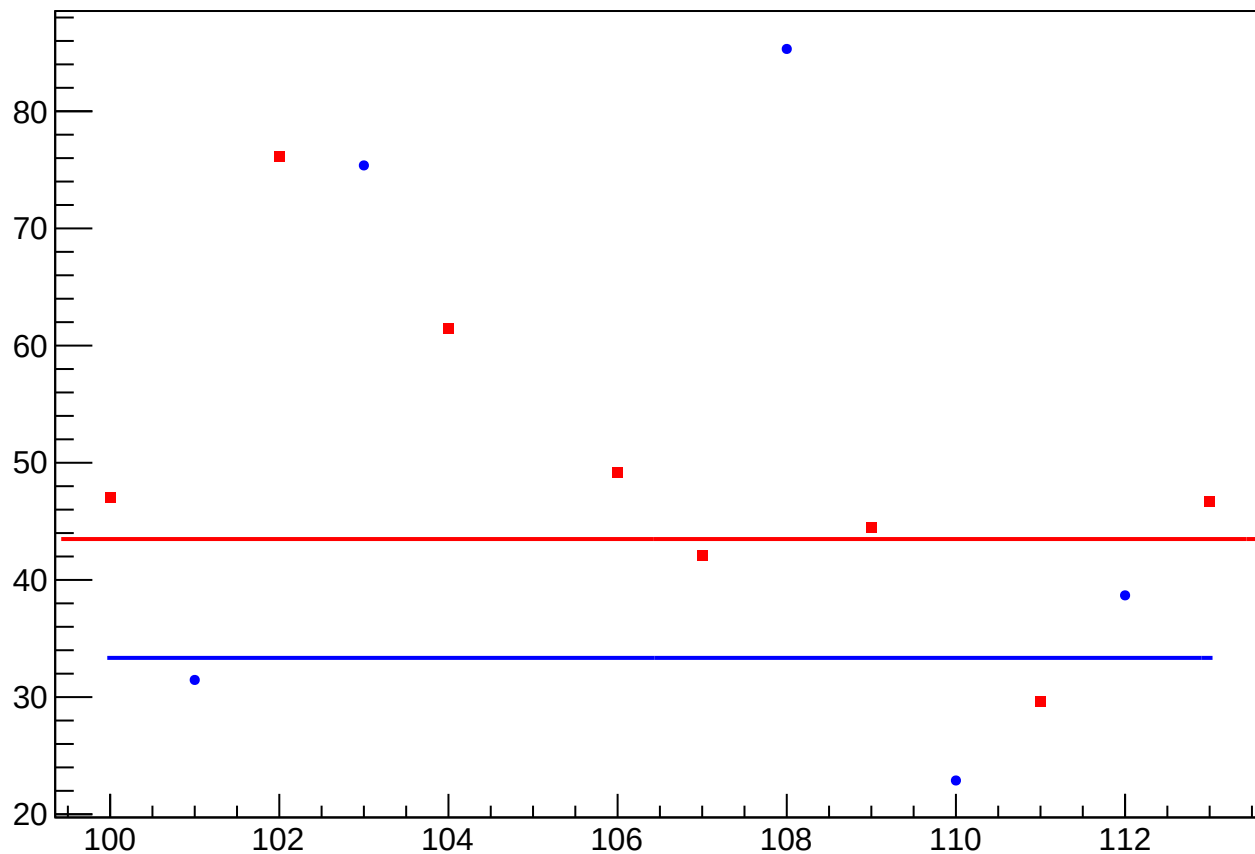
Right: -0.020 $\pm$ 0.018 χ^2 /NDF: 7.6/12

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: -0.020 $\pm$ 0.018 χ^2 /NDF: 7.6/12

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: 43.490+/-0.019 χ^2/NDF : 496871.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

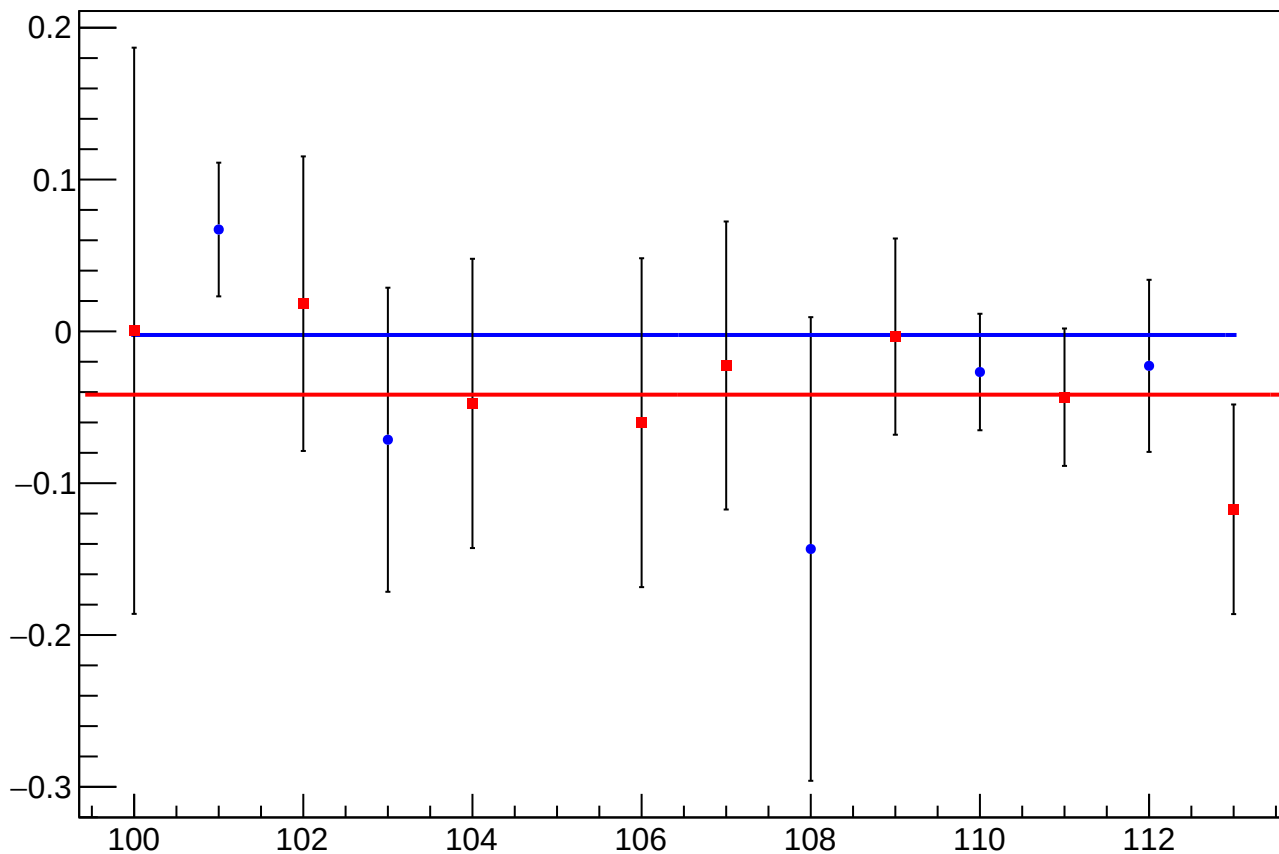
Right: 37.966+/-0.013 χ^2/NDF : 1405582.1/12

In: 33.347+/-0.017 χ^2/NDF : 754170.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.966+/-0.013 χ^2/NDF : 1405582.1/12

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: -0.042 $\pm$ 0.027 χ^2 /NDF: 2.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

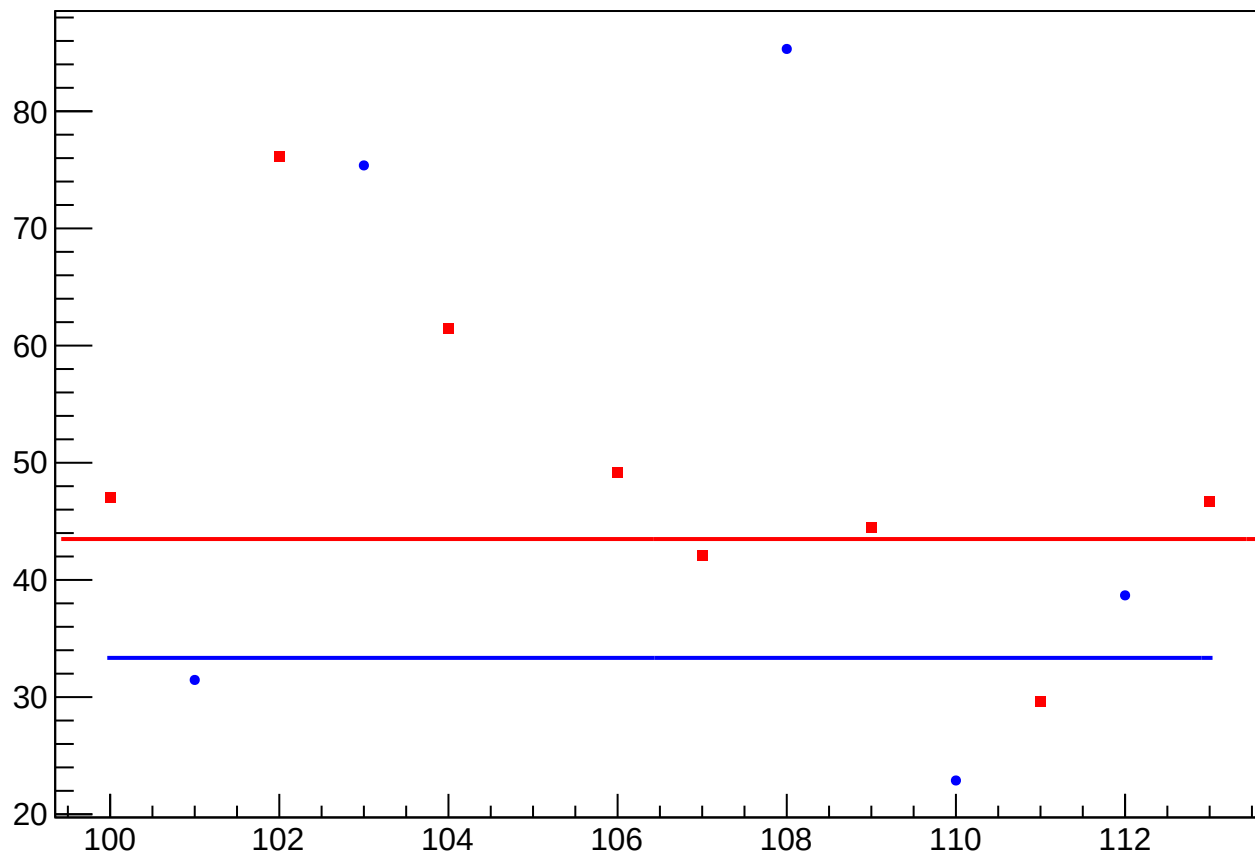
Right: -0.020 $\pm$ 0.018 χ^2 /NDF: 7.6/12

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: -0.020 $\pm$ 0.018 χ^2 /NDF: 7.6/12

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: 43.490+/-0.019 χ^2/NDF : 496871.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

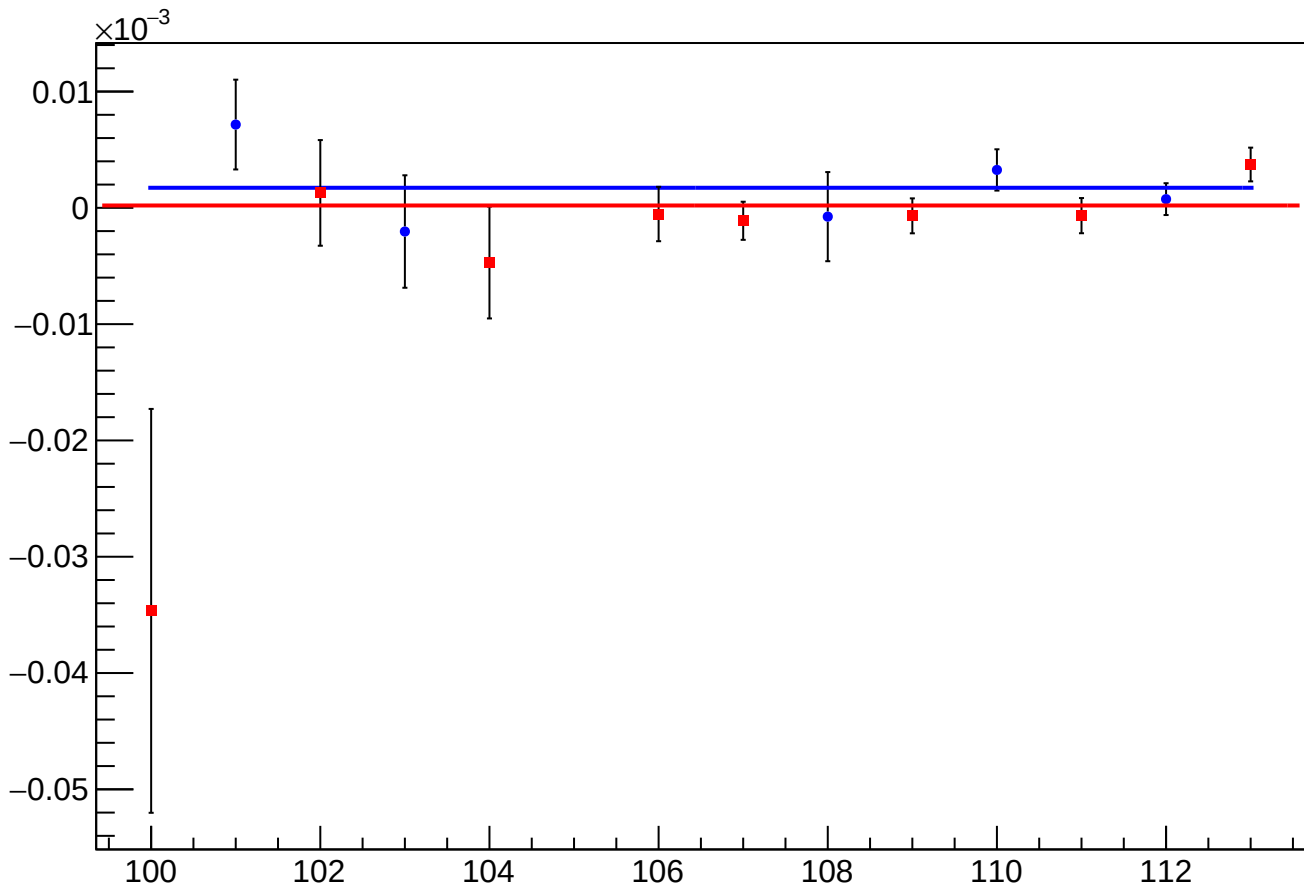
Right: 37.966+/-0.013 χ^2/NDF : 1405582.1/12

In: 33.347+/-0.017 χ^2/NDF : 754170.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.966+/-0.013 χ^2/NDF : 1405582.1/12

asym_sam_37_dd_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 : 12.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

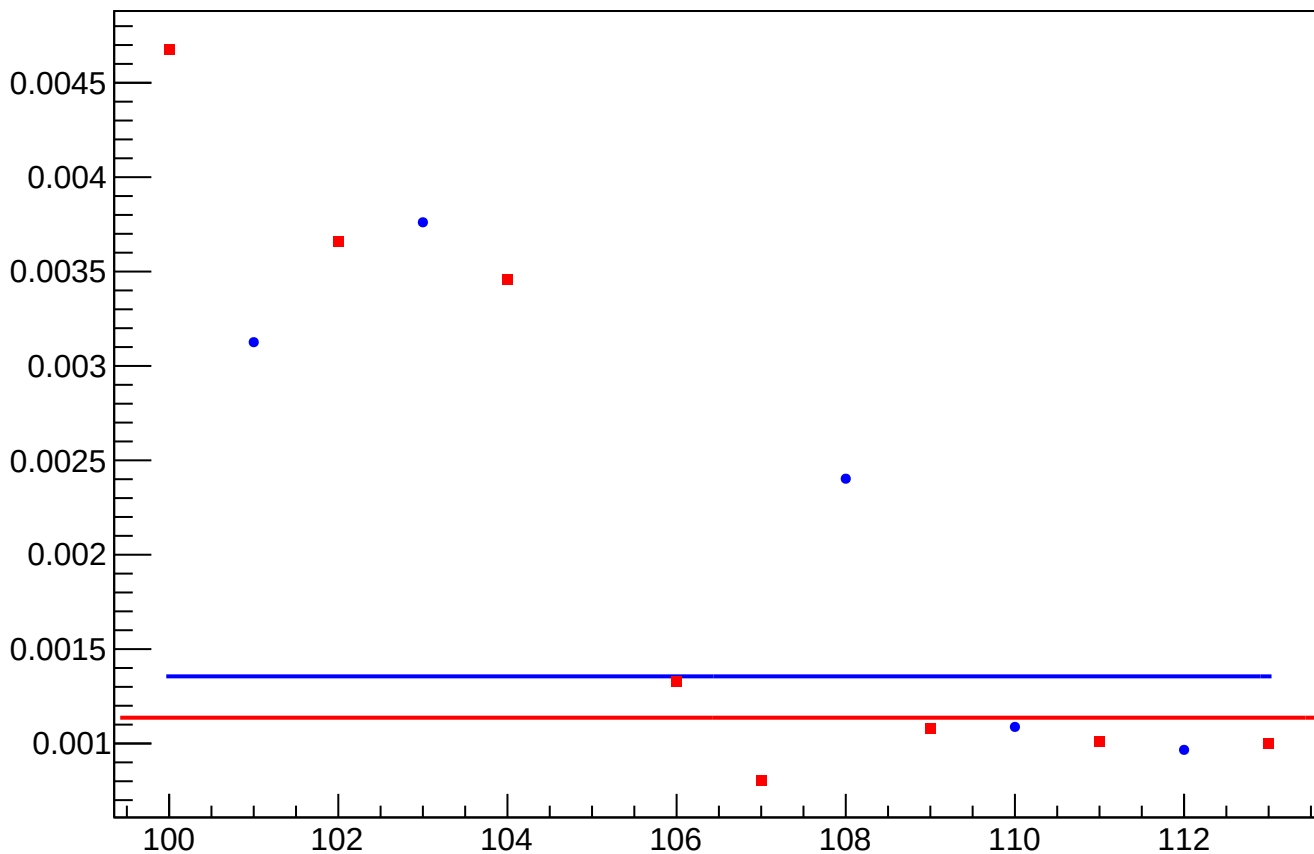
Right: 0.000+/-0.000 χ^2/NDF : 18.3/12

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 : 18.3/12

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 : 1295074.8/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

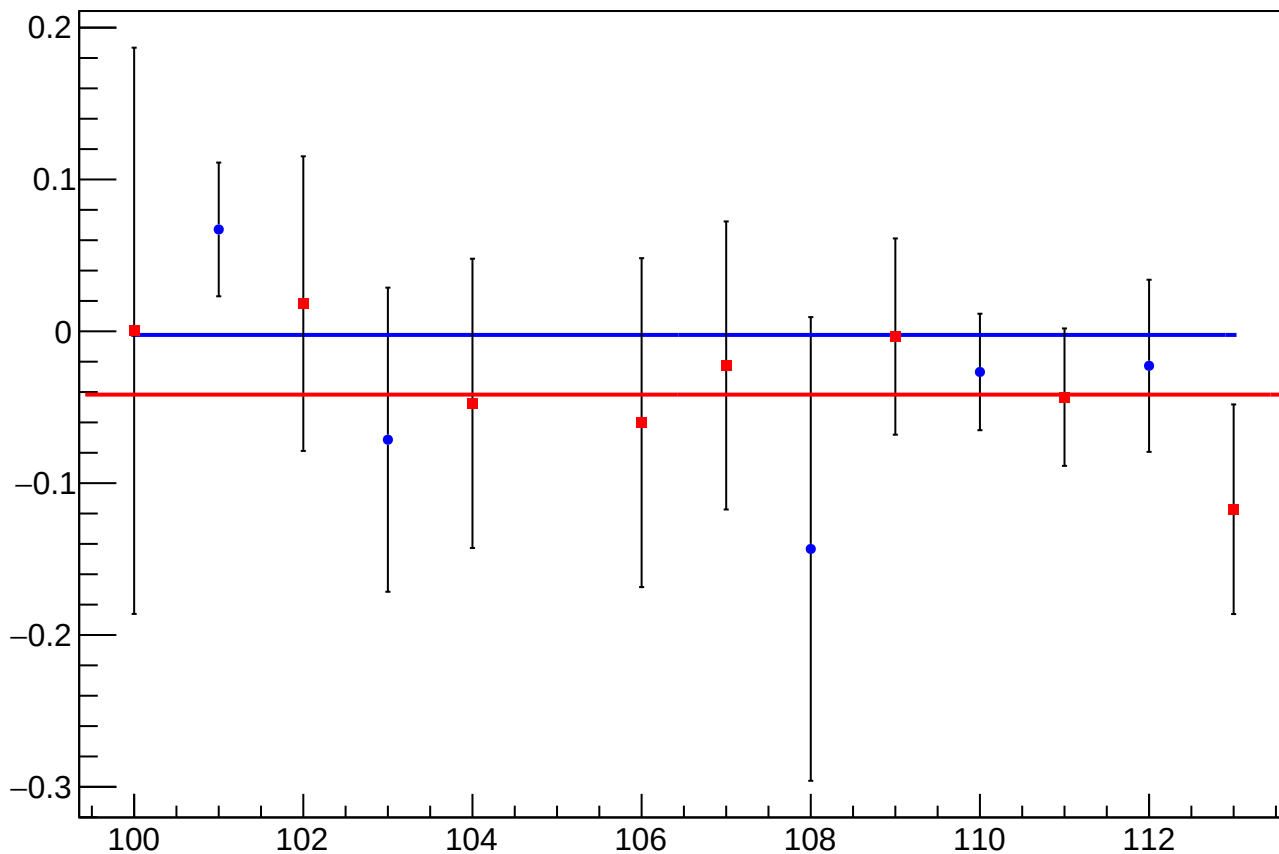
Right: 0.001+/-0.000 χ^2/NDF : 2632533.4/12

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 : 2632533.4/12

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: -0.042 $\pm$ 0.027 χ^2 /NDF: 2.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

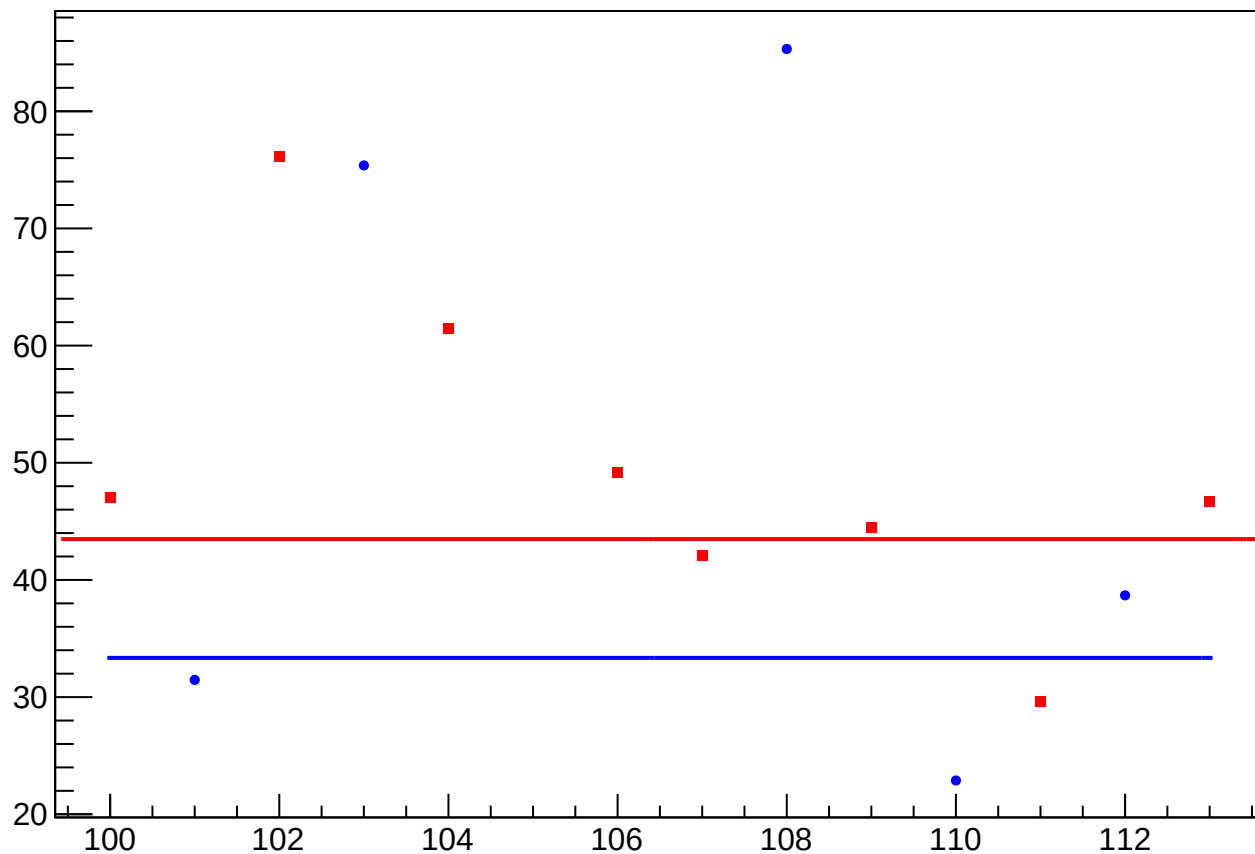
Right: -0.020 $\pm$ 0.018 χ^2 /NDF: 7.6/12

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: -0.020 $\pm$ 0.018 χ^2 /NDF: 7.6/12

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: 43.490+/-0.019 χ^2/NDF : 496891.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

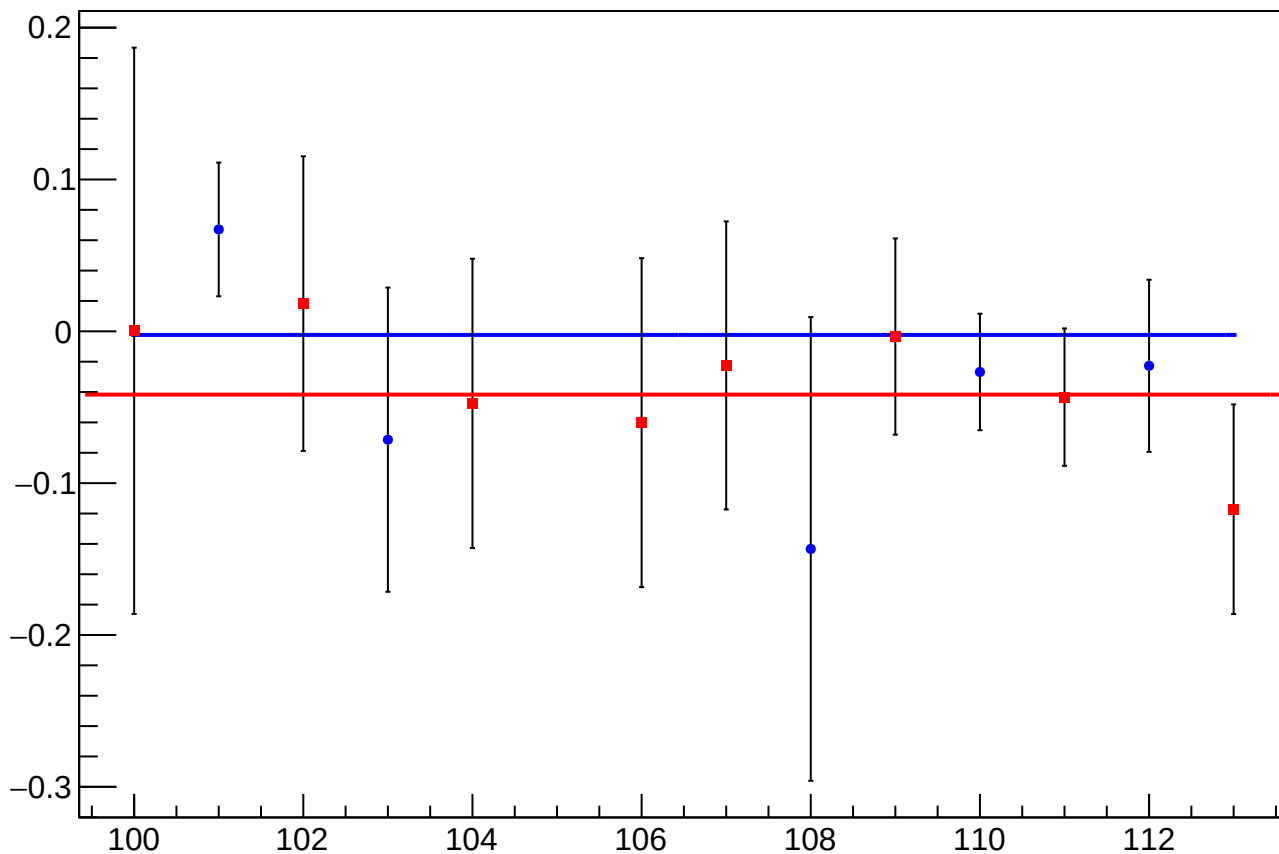
Right: 37.966+/-0.013 χ^2/NDF : 1405606.5/12

In: 33.348+/-0.017 χ^2/NDF : 754194.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.966+/-0.013 χ^2/NDF : 1405606.5/12

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: -0.042 $\pm$ 0.027 χ^2 /NDF: 2.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

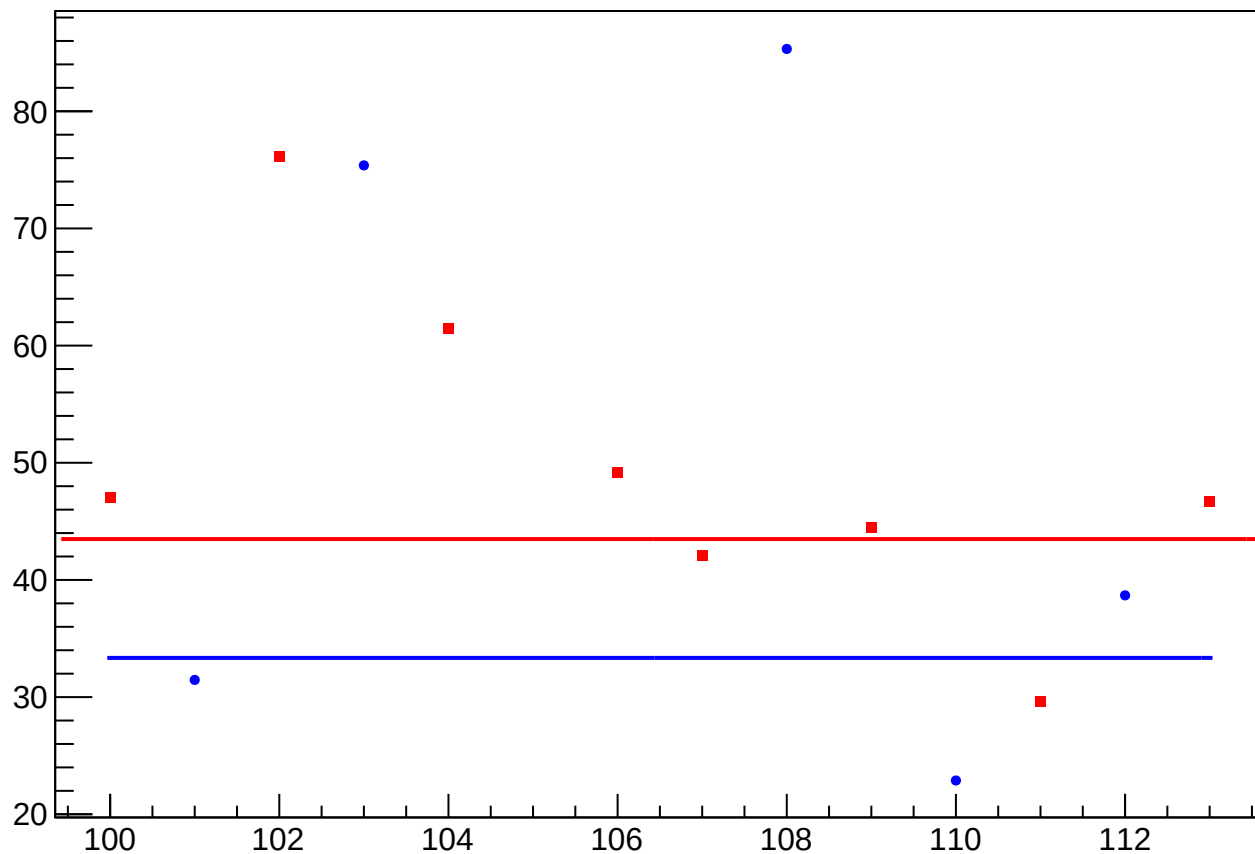
Right: -0.020 $\pm$ 0.018 χ^2 /NDF: 7.6/12

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: -0.020 $\pm$ 0.018 χ^2 /NDF: 7.6/12

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: 43.490+/-0.019 χ^2/NDF : 496891.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

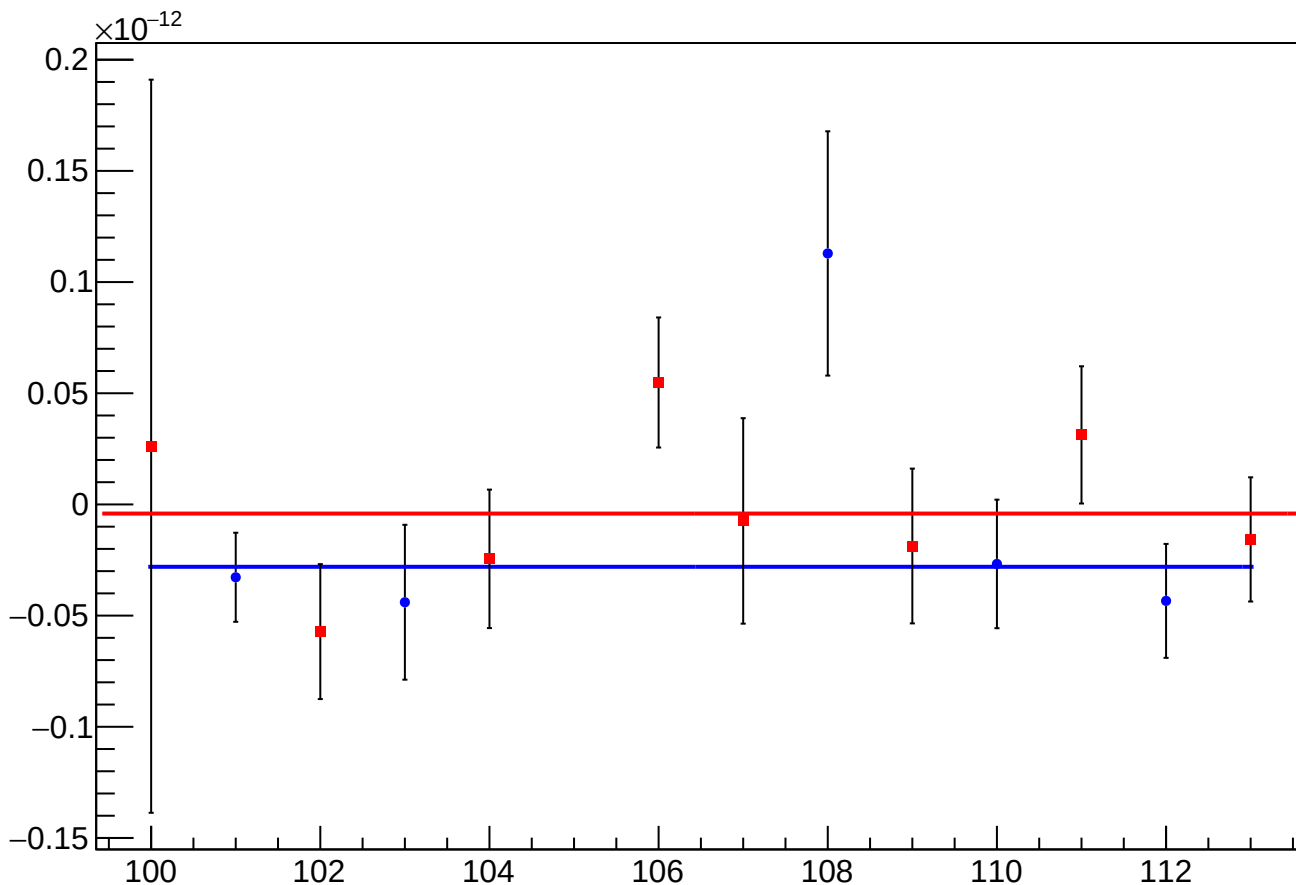
Right: 37.966+/-0.013 χ^2/NDF : 1405606.5/12

In: 33.348+/-0.017 χ^2/NDF : 754194.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.966+/-0.013 χ^2/NDF : 1405606.5/12

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 : 9.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

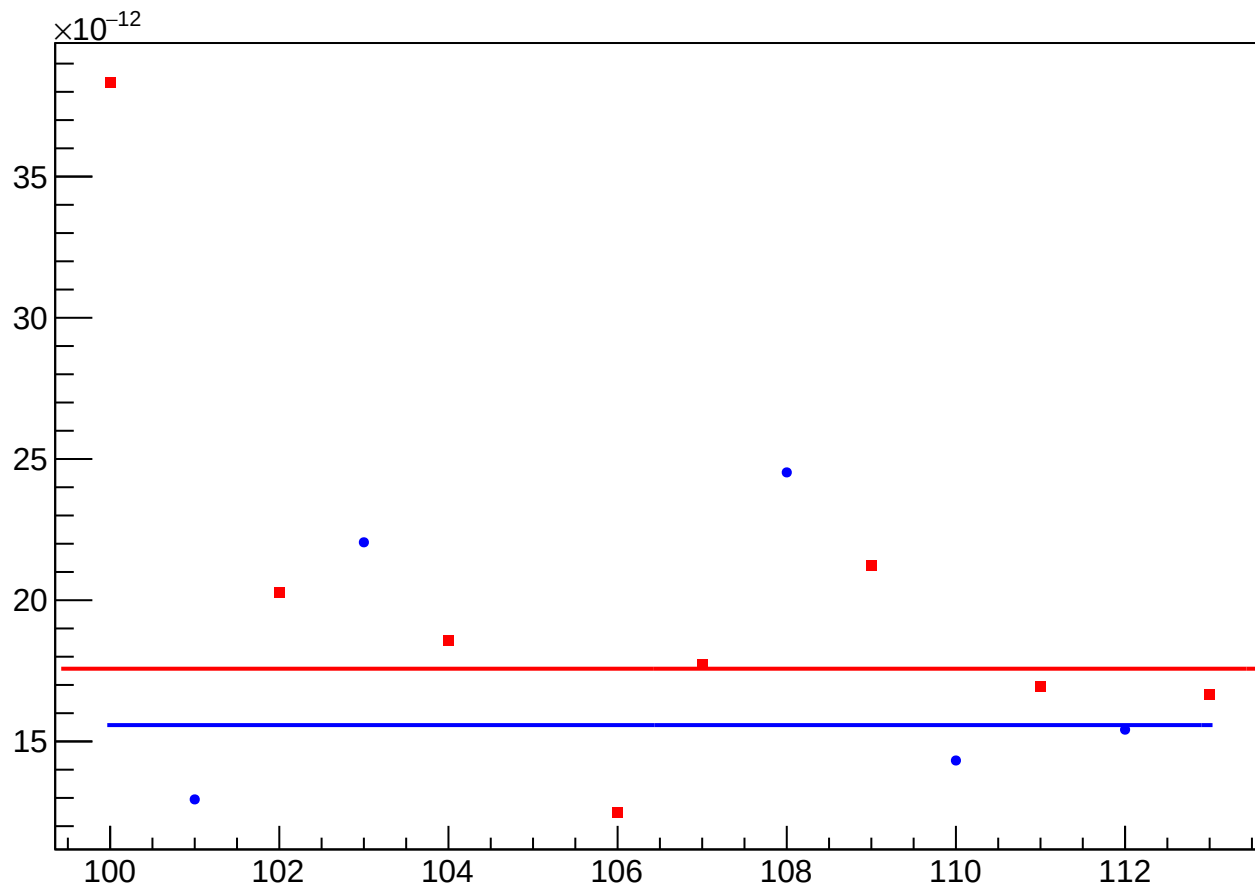
Right: -0.000+/-0.000 χ^2/NDF : 18.4/12

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 : 18.4/12

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 : 134880.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

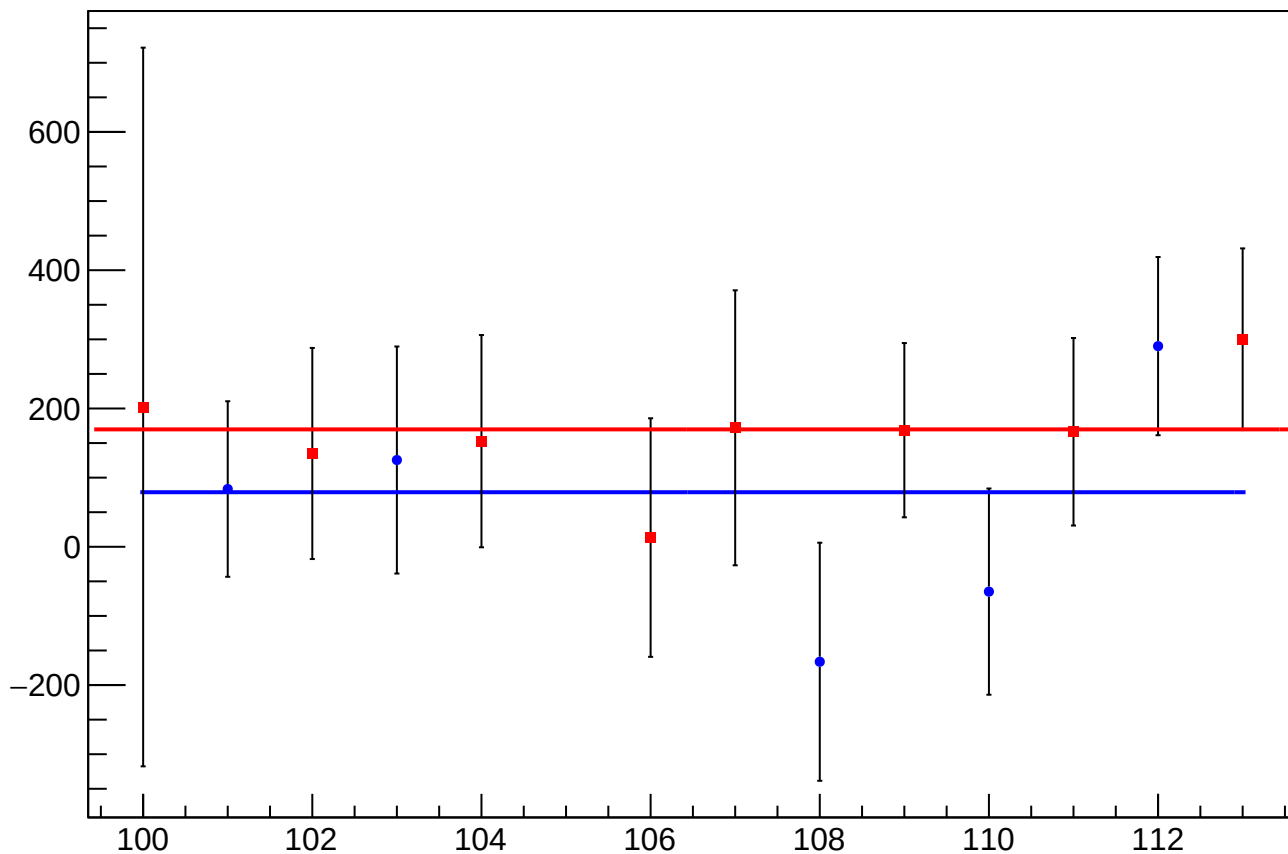
Right: 0.000+/-0.000 χ^2/NDF : 321849.3/12

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 : 321849.3/12

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: 169.778+/-55.616 χ^2/NDF : 1.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

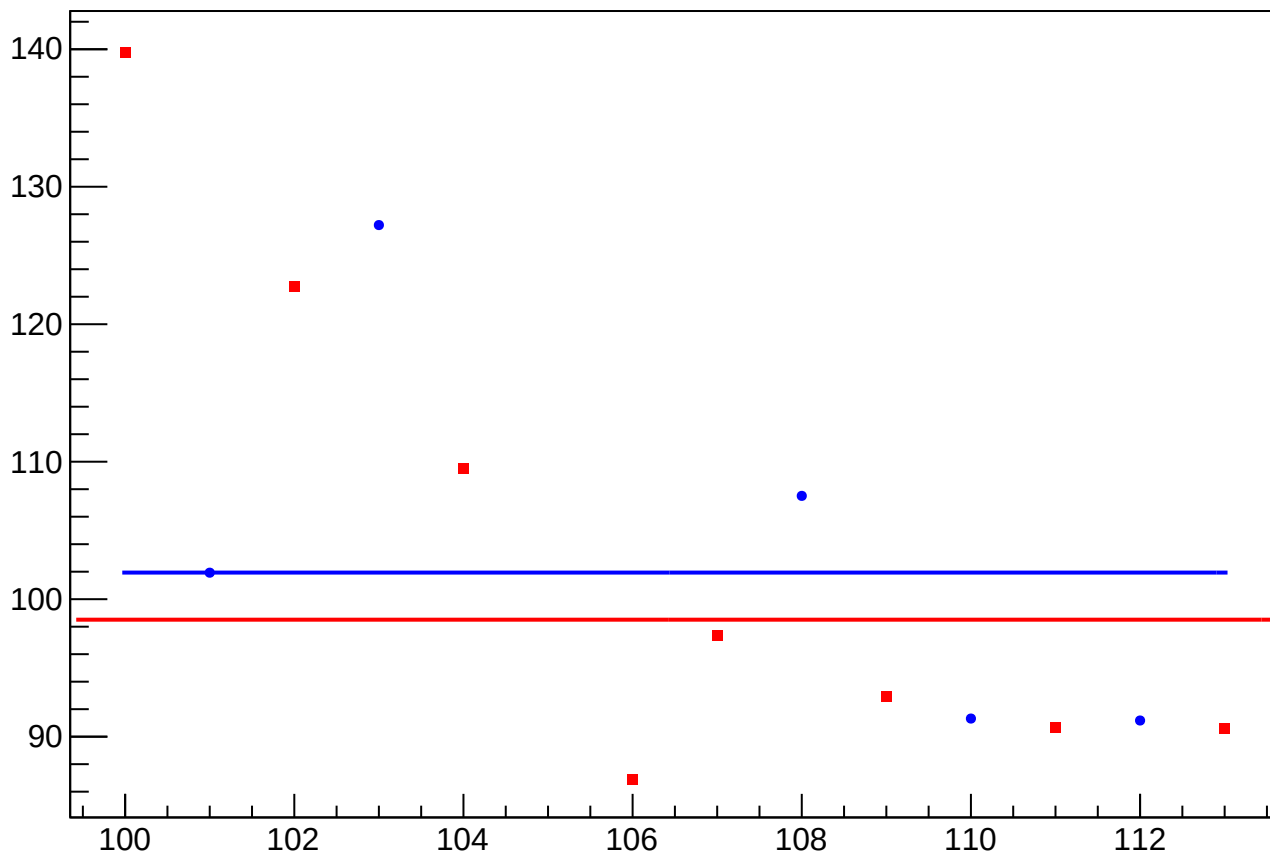
Right: 131.242+/-42.206 χ^2/NDF : 8.7/12

In: 78.913+/-64.810 χ^2/NDF : 5.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.242+/-42.206 χ^2/NDF : 8.7/12

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: 98.509+/-0.039 χ^2/NDF : 100269.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

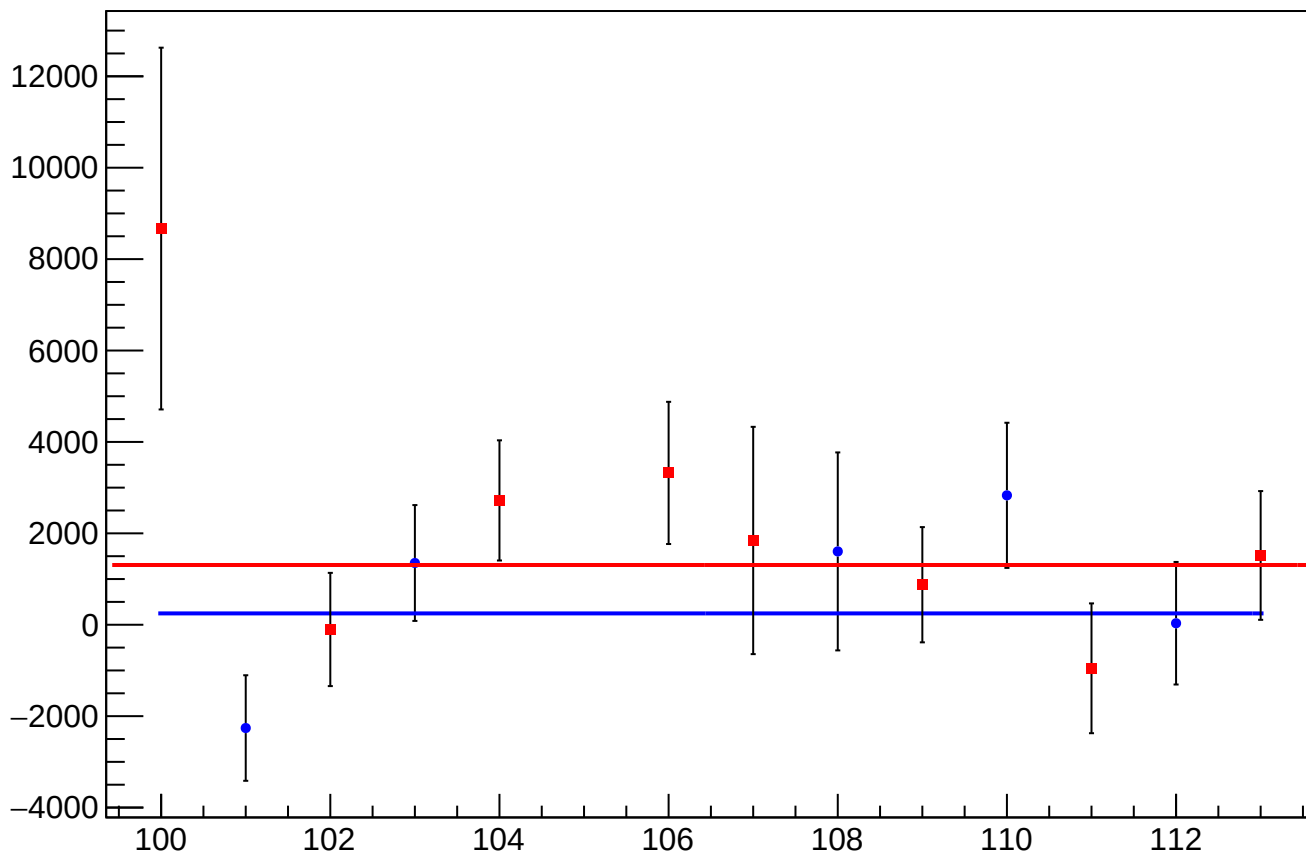
Right: 99.963+/-0.030 χ^2/NDF : 177076.0/12

In: 101.936+/-0.046 χ^2/NDF : 73587.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.963+/-0.030 χ^2/NDF : 177076.0/12

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: 1307.473+/-534.677 χ^2/NDF : 10.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

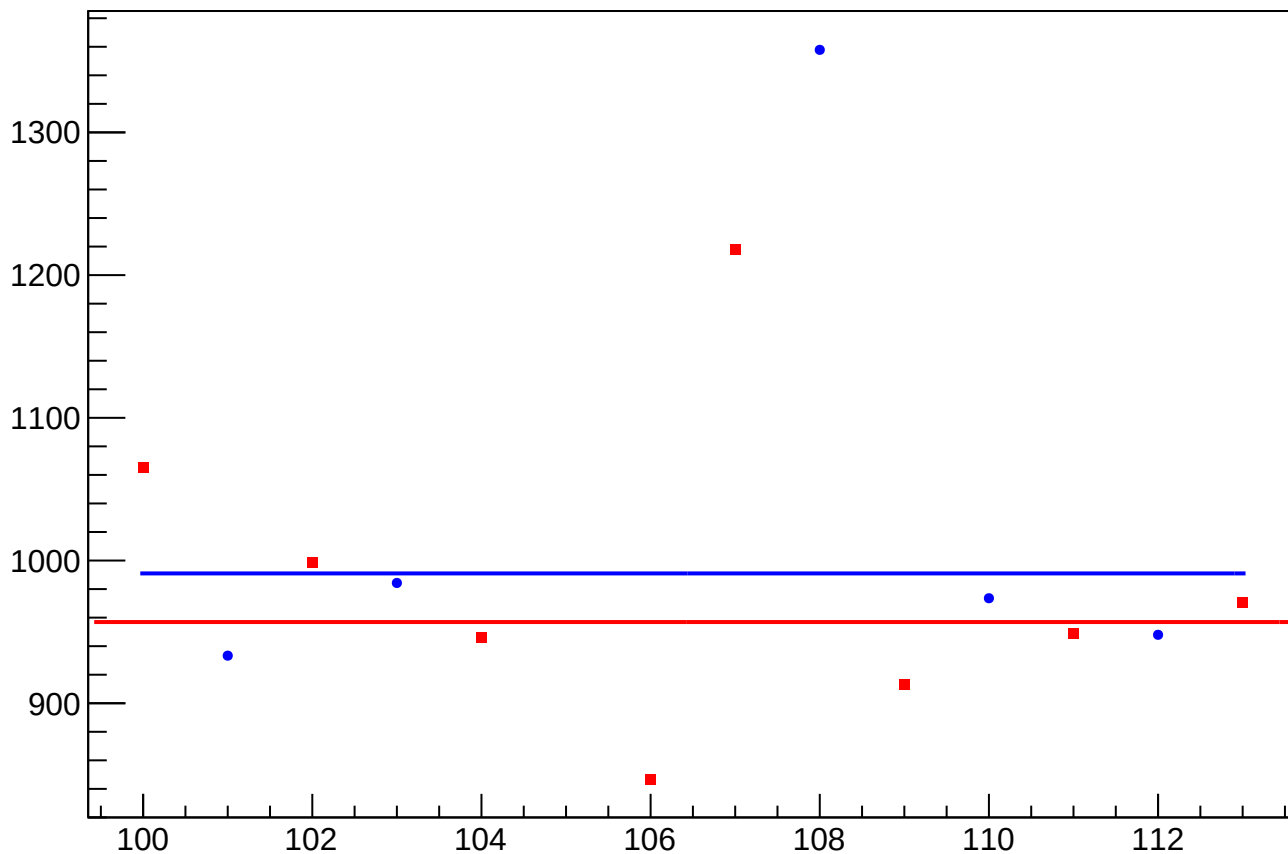
Right: 861.998+/-407.003 χ^2/NDF : 20.5/12

In: 248.215+/-627.606 χ^2/NDF : 8.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 861.998+/-407.003 χ^2/NDF : 20.5/12

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: 956.906+/-0.378 χ^2/NDF : 38592.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

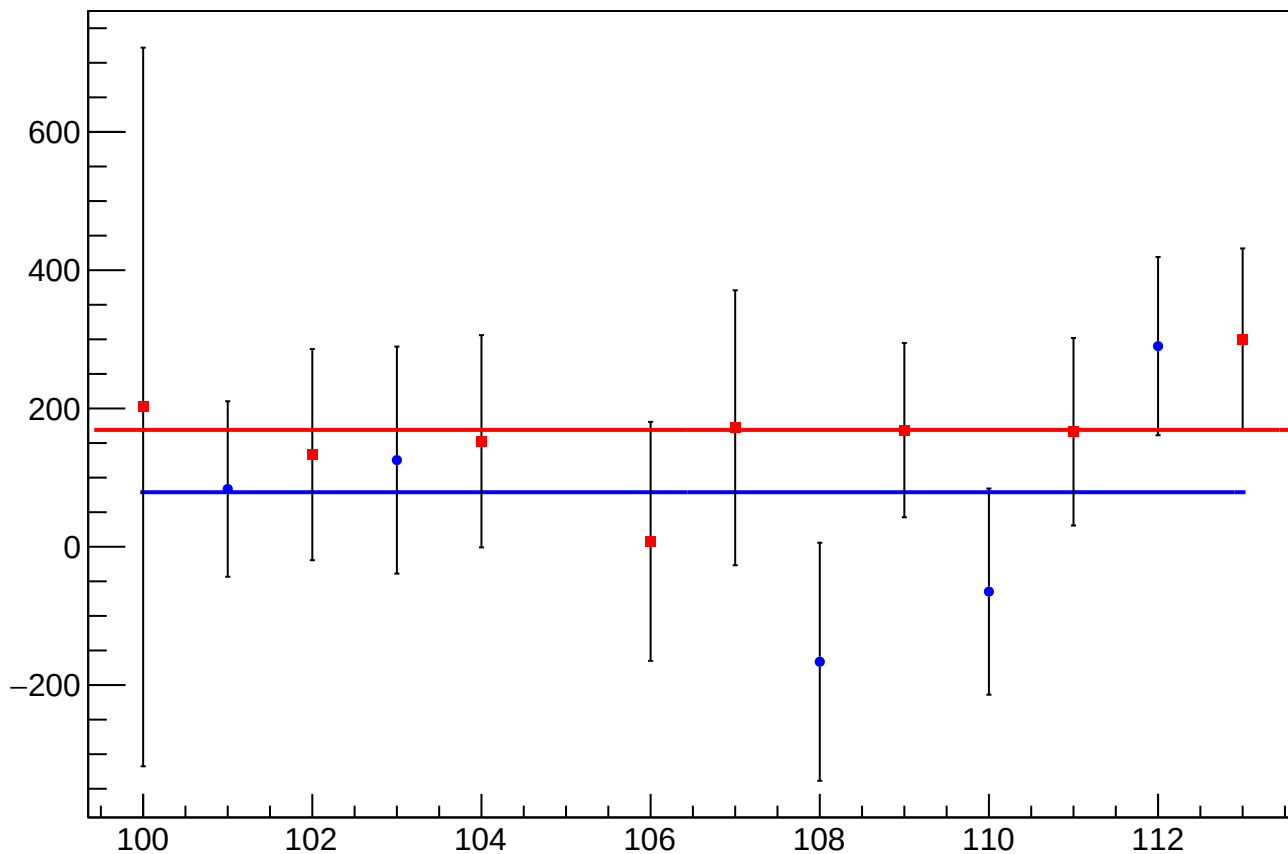
Right: 971.236+/-0.288 χ^2/NDF : 106725.9/12

In: 990.979+/-0.444 χ^2/NDF : 64718.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 971.236+/-0.288 χ^2/NDF : 106725.9/12

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: 169.041+/-55.630 χ^2/NDF : 1.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

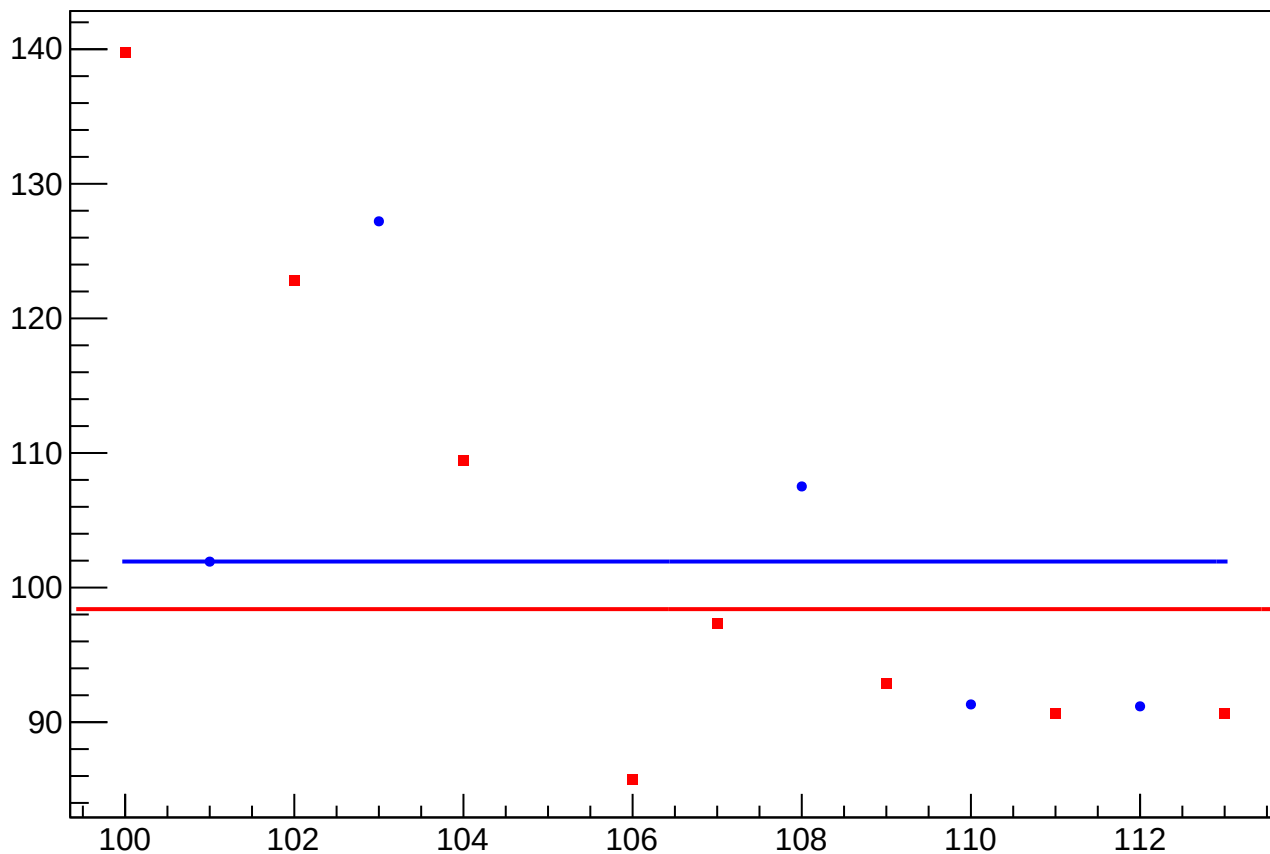
Right: 130.795+/-42.212 χ^2/NDF : 8.8/12

In: 78.886+/-64.810 χ^2/NDF : 5.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.795+/-42.212 χ^2/NDF : 8.8/12

cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 101.936 $\pm$ 0.046 χ^2 /NDF: 73588.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 98.399 $\pm$ 0.039 χ^2 /NDF: 102249.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

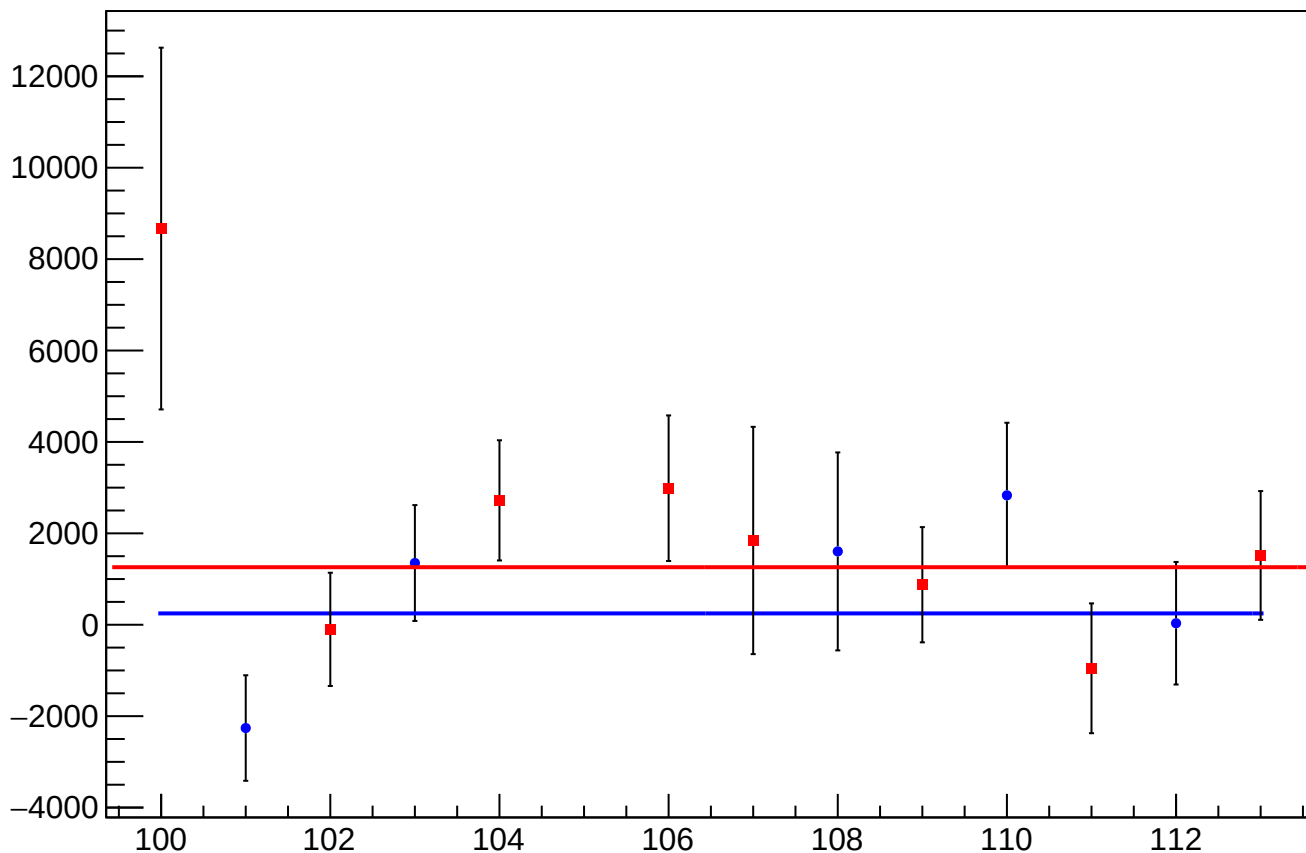
Right: 99.899 $\pm$ 0.030 χ^2 /NDF: 179268.1/12

In: 101.936 $\pm$ 0.046 χ^2 /NDF:73588.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 99.899 $\pm$ 0.030 χ^2 /NDF: 179268.1/12

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: 1259.318+/-536.164 χ^2/NDF : 9.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

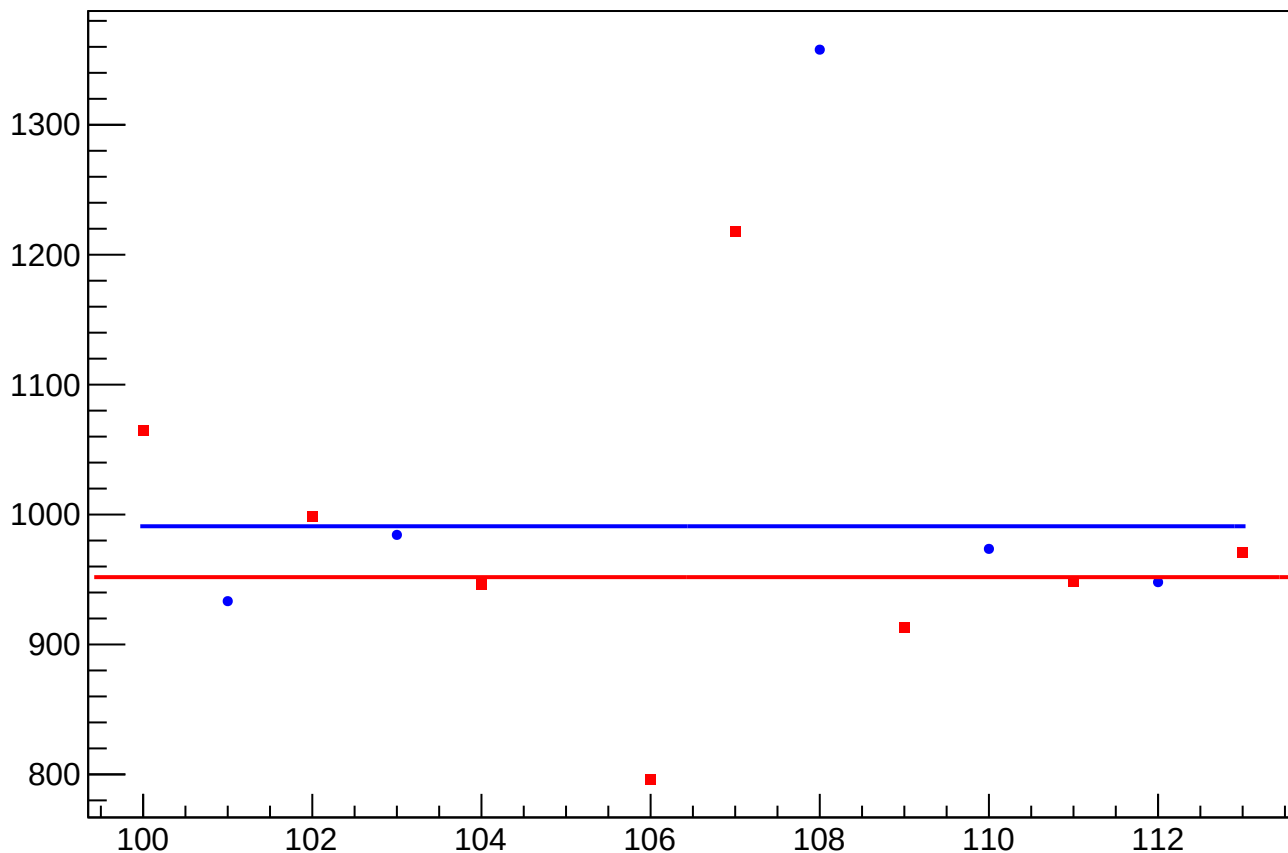
Right: 832.656+/-407.661 χ^2/NDF : 19.8/12

In: 248.032+/-627.615 χ^2/NDF : 8.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 832.656+/-407.661 χ^2/NDF : 19.8/12

asym_sam_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 990.994 $\pm$ 0.444 χ^2 /NDF: 64717.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 951.832 $\pm$ 0.379 χ^2 /NDF: 48783.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

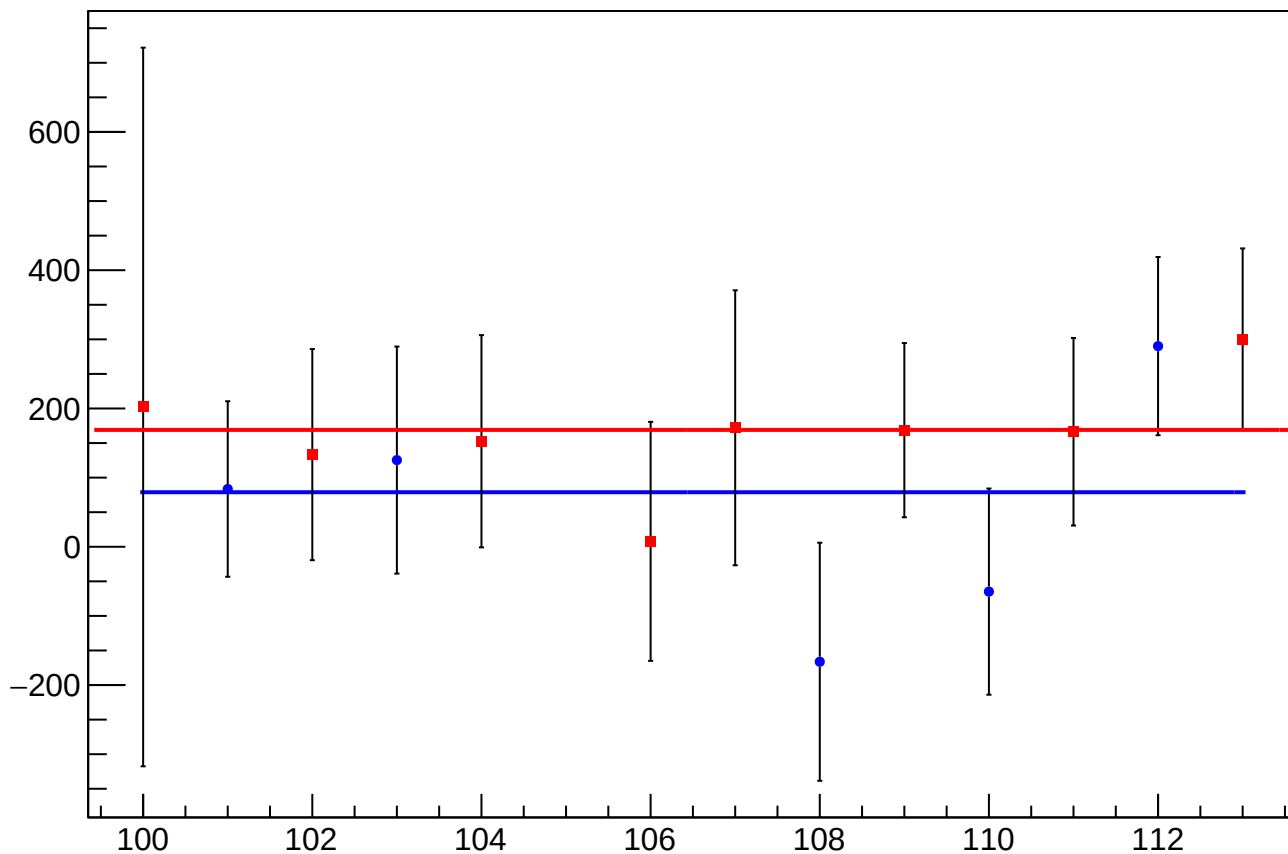
Right: 968.354 $\pm$ 0.288 χ^2 /NDF: 118002.2/12

In: 990.994 $\pm$ 0.444 χ^2 /NDF: 64717.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 968.354 $\pm$ 0.288 χ^2 /NDF: 118002.2/12

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: 169.041+/-55.630 χ^2/NDF : 1.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

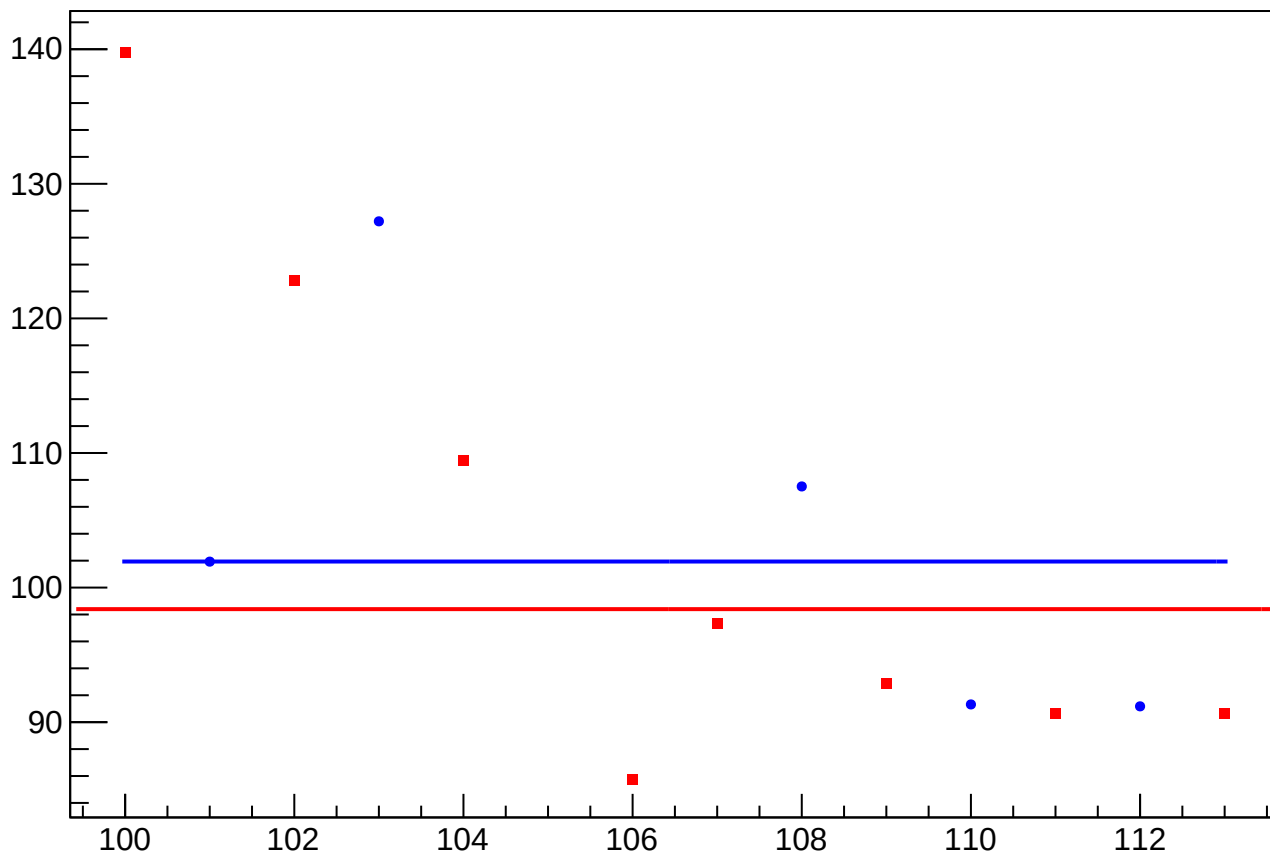
Right: 130.795+/-42.212 χ^2/NDF : 8.8/12

In: 78.886+/-64.810 χ^2/NDF : 5.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.795+/-42.212 χ^2/NDF : 8.8/12

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: 98.399+/-0.039 χ^2/NDF : 102249.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

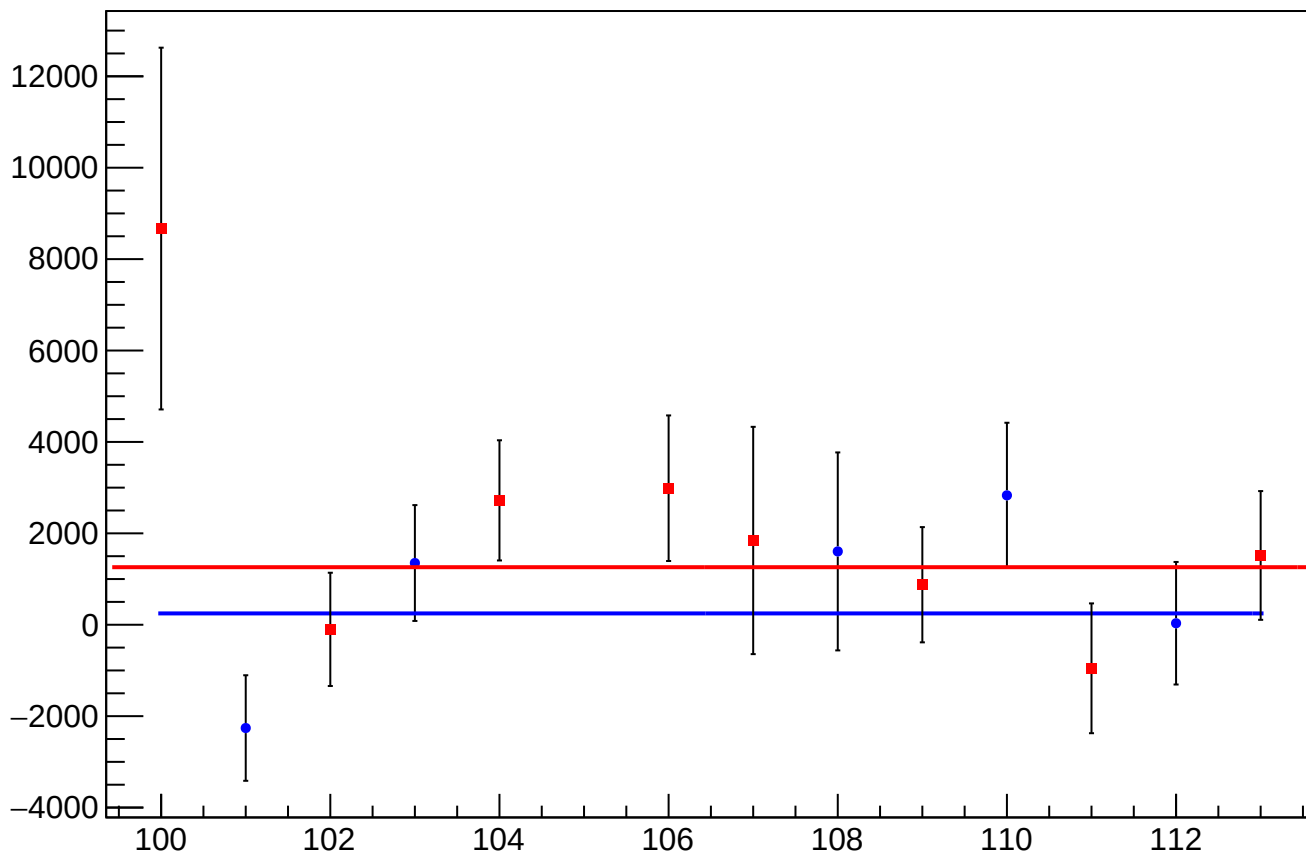
Right: 99.899+/-0.030 χ^2/NDF : 179268.1/12

In: 101.936+/-0.046 χ^2/NDF : 73588.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.899+/-0.030 χ^2/NDF : 179268.1/12

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: 1259.318+/-536.164 χ^2/NDF : 9.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

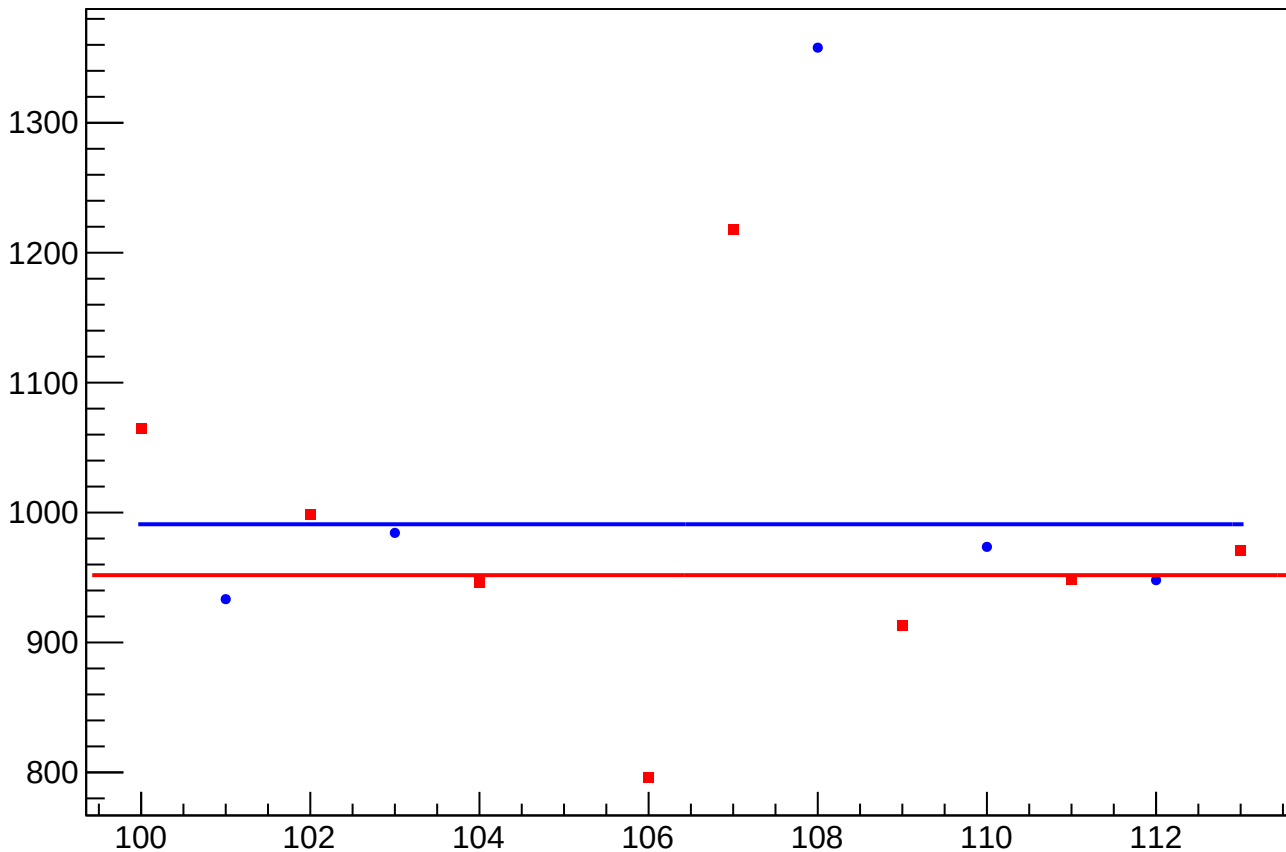
Right: 832.656+/-407.661 χ^2/NDF : 19.8/12

In: 248.032+/-627.615 χ^2/NDF : 8.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 832.656+/-407.661 χ^2/NDF : 19.8/12

asym_sam_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 990.994 $\pm$ 0.444 χ^2 /NDF: 64717.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 951.832 $\pm$ 0.379 χ^2 /NDF: 48783.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

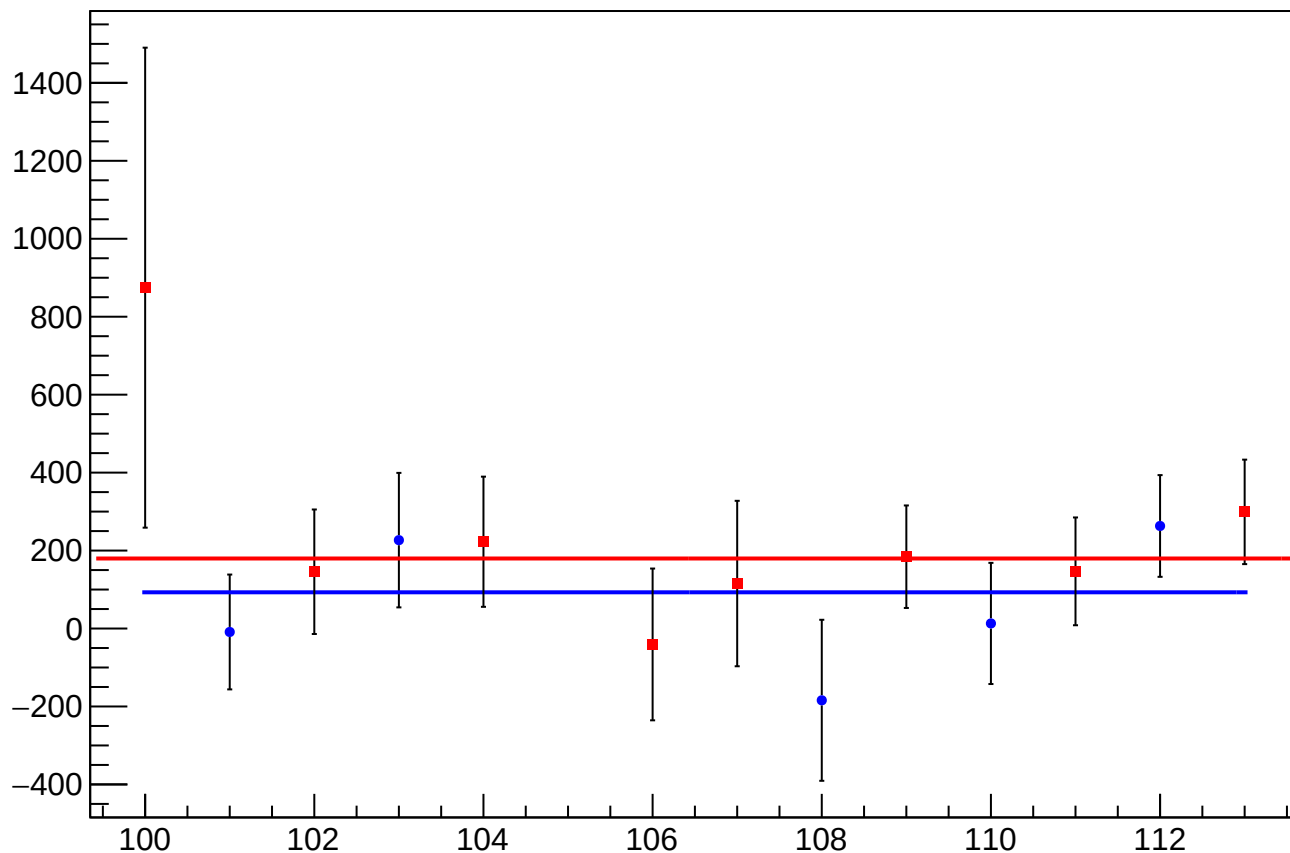
Right: 968.354 $\pm$ 0.288 χ^2 /NDF: 118002.2/12

In: 990.994 $\pm$ 0.444 χ^2 /NDF:64717.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 968.354 $\pm$ 0.288 χ^2 /NDF: 118002.2/12

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 92.924+/-70.146 χ^2/NDF : 4.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 179.659+/-58.514 χ^2/NDF : 3.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

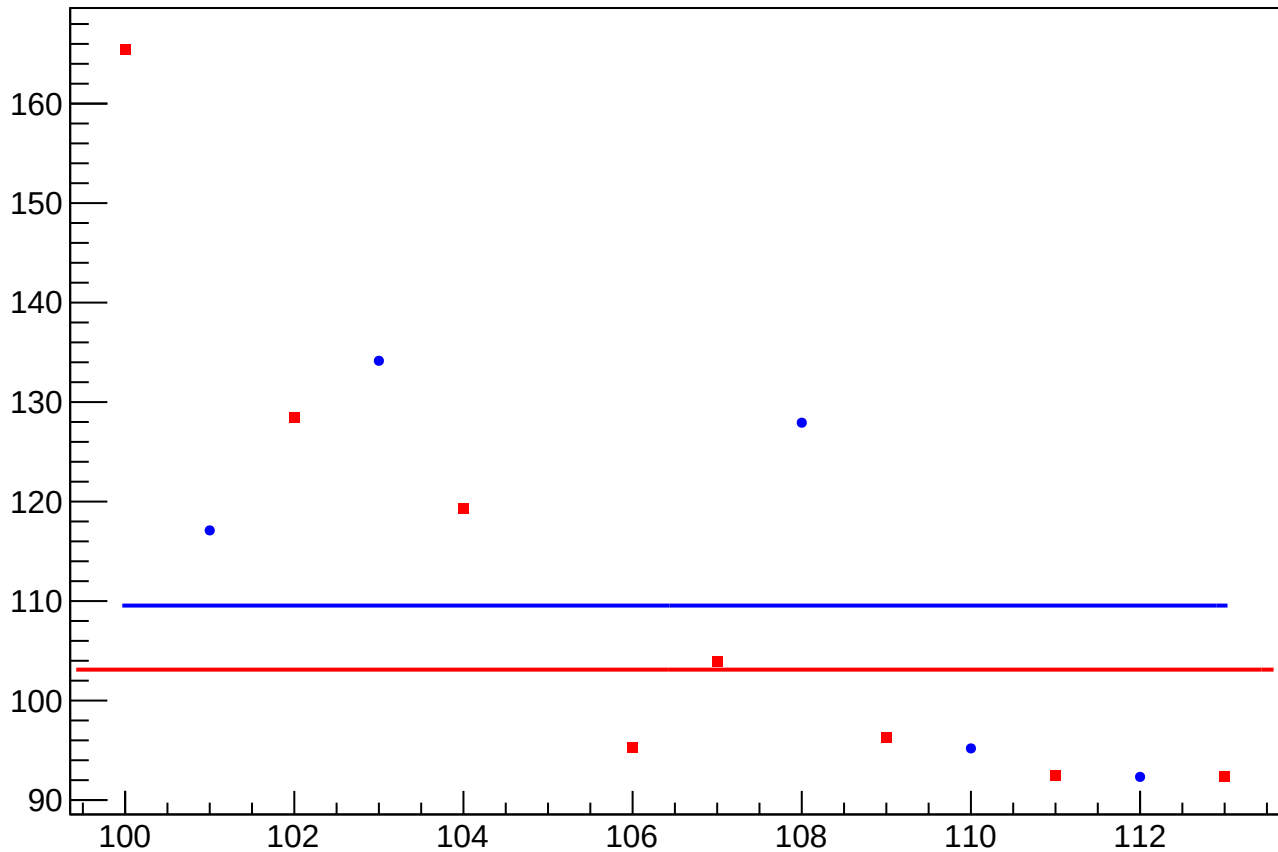
Right: 144.070+/-44.933 χ^2/NDF : 9.4/12

In: 92.924+/-70.146 χ^2/NDF : 4.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.070+/-44.933 χ^2/NDF : 9.4/12

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: 103.109+/-0.041 χ^2/NDF : 122901.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

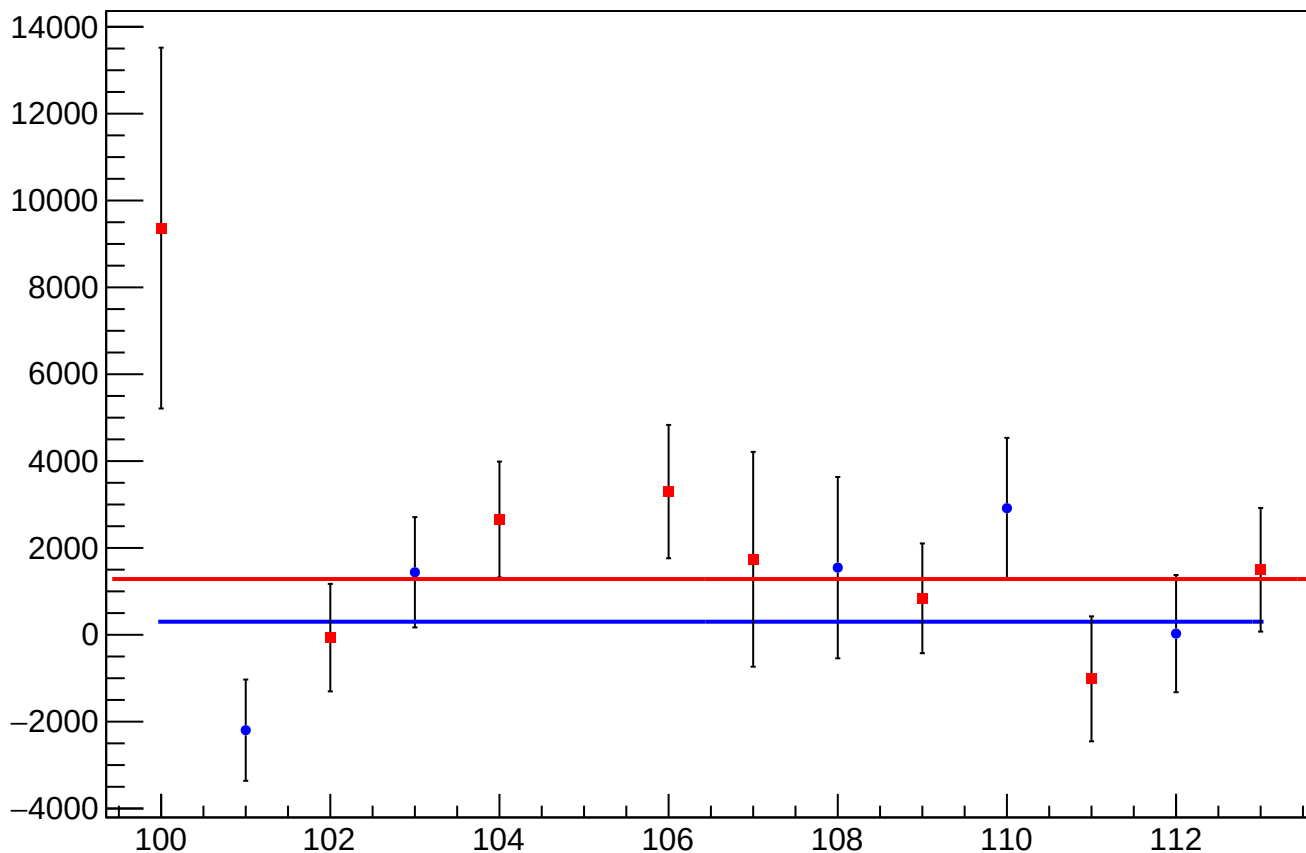
Right: 105.751+/-0.032 χ^2/NDF : 246485.2/12

In: 109.548+/-0.050 χ^2/NDF : 113646.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.751+/-0.032 χ^2/NDF : 246485.2/12

asym_sam_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 301.248 $\pm$ 630.497 χ^2 /NDF: 8.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1284.522 $\pm$ 537.406 χ^2 /NDF: 10.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

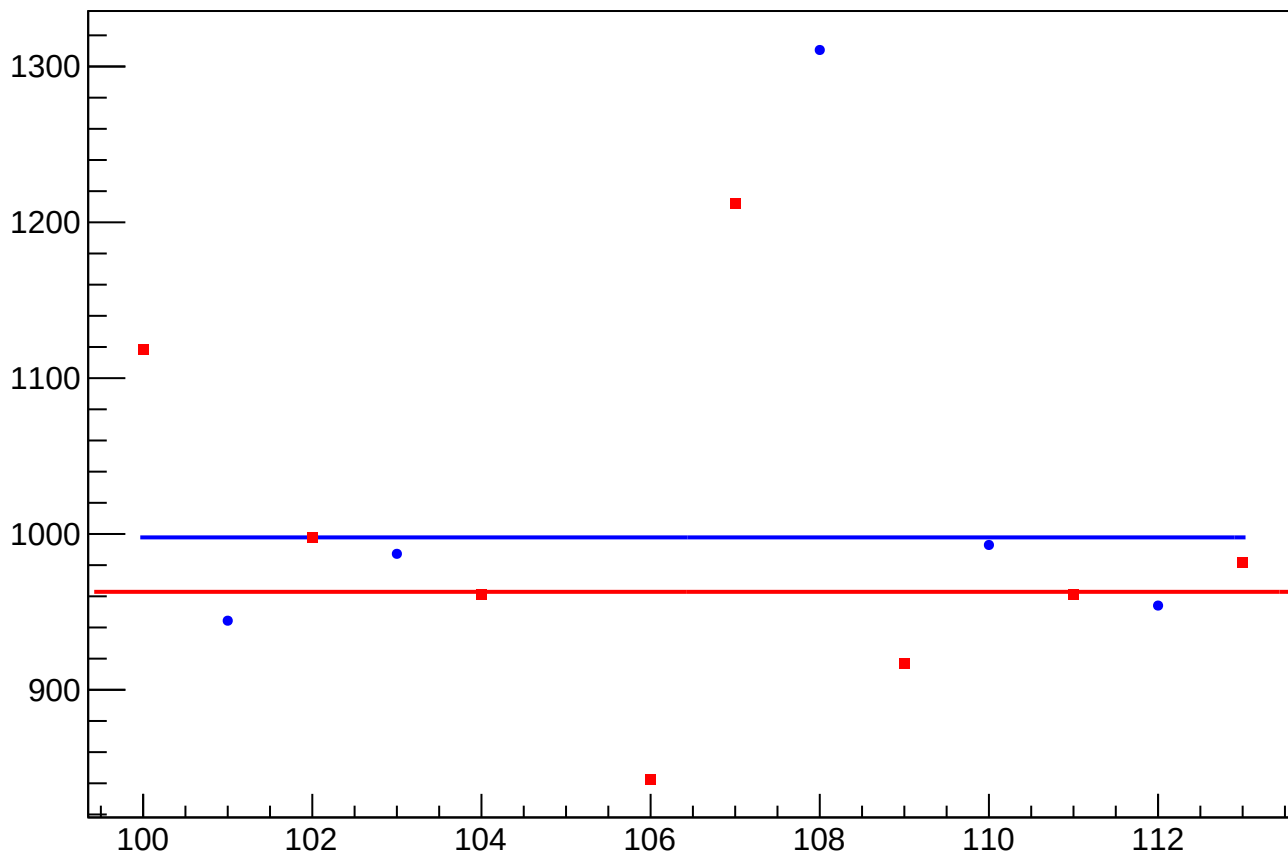
Right: 870.765 $\pm$ 408.995 χ^2 /NDF: 20.3/12

In: 301.248 $\pm$ 630.497 χ^2 /NDF:8.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 870.765 $\pm$ 408.995 χ^2 /NDF: 20.3/12

asym_sam_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 997.812+/-0.446 χ^2/NDF : 51350.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 962.874+/-0.380 χ^2/NDF : 39955.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

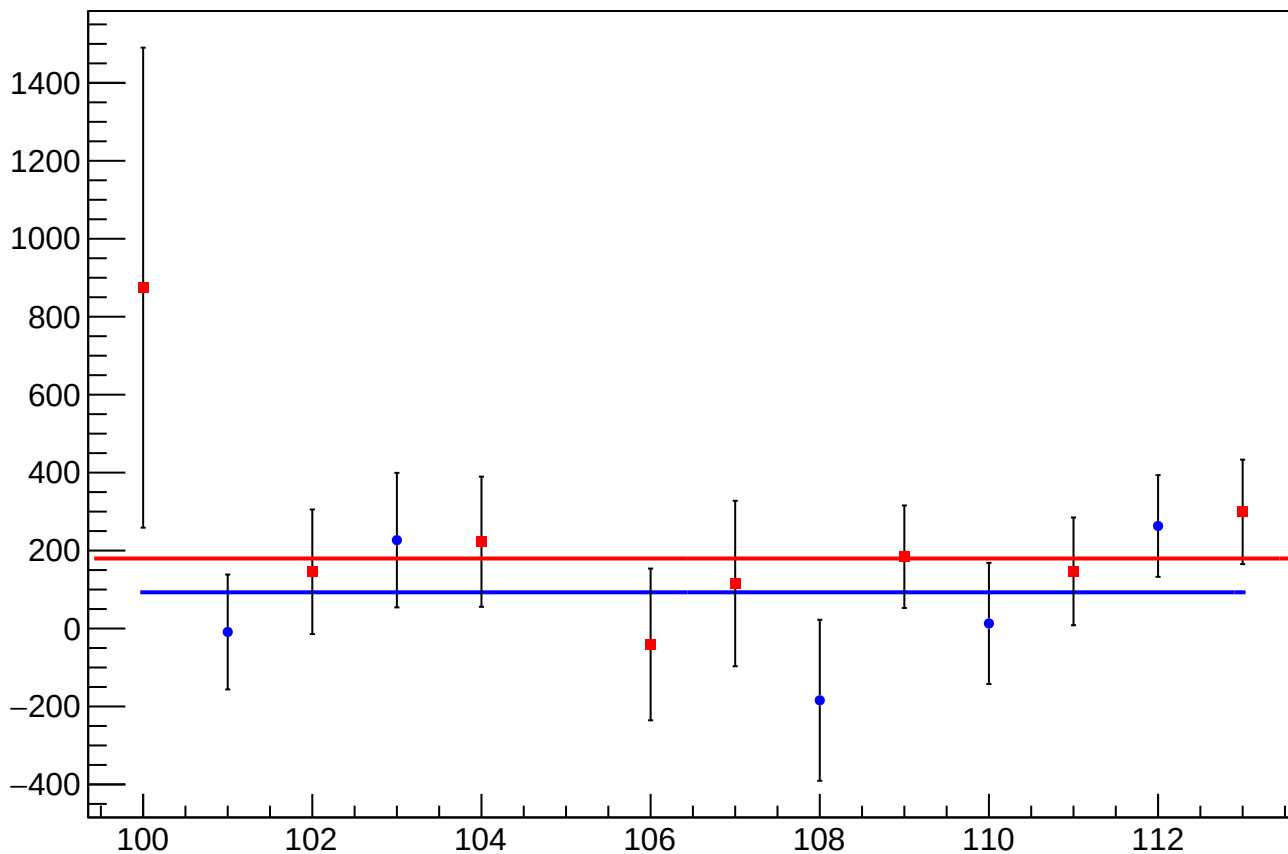
Right: 977.576+/-0.289 χ^2/NDF : 94863.3/12

In: 997.812+/-0.446 χ^2/NDF : 51350.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 977.576+/-0.289 χ^2/NDF : 94863.3/12

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: 179.659+/-58.514 χ^2/NDF : 3.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

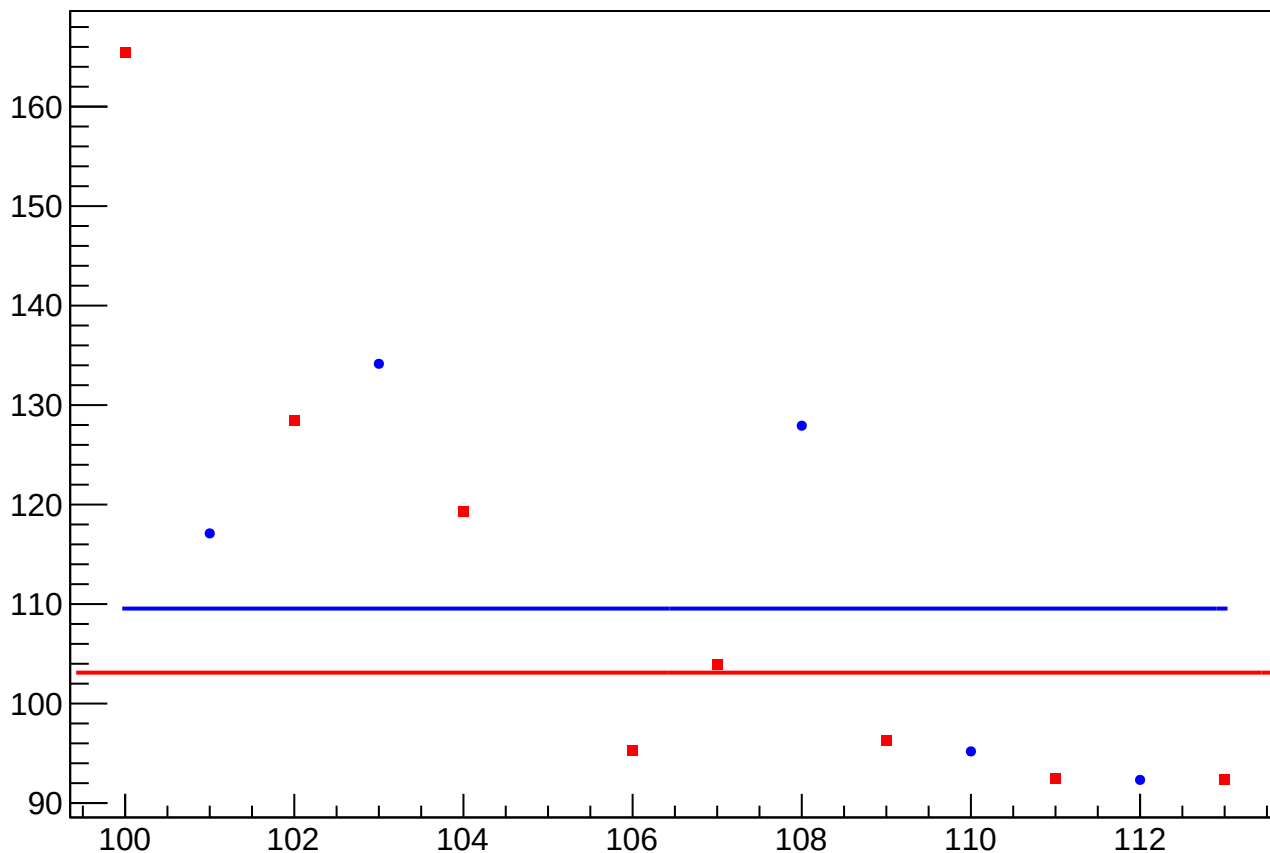
Right: 144.069+/-44.933 χ^2/NDF : 9.4/12

In: 92.923+/-70.146 χ^2/NDF : 4.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.069+/-44.933 χ^2/NDF : 9.4/12

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: 103.109+/-0.041 χ^2/NDF : 122902.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

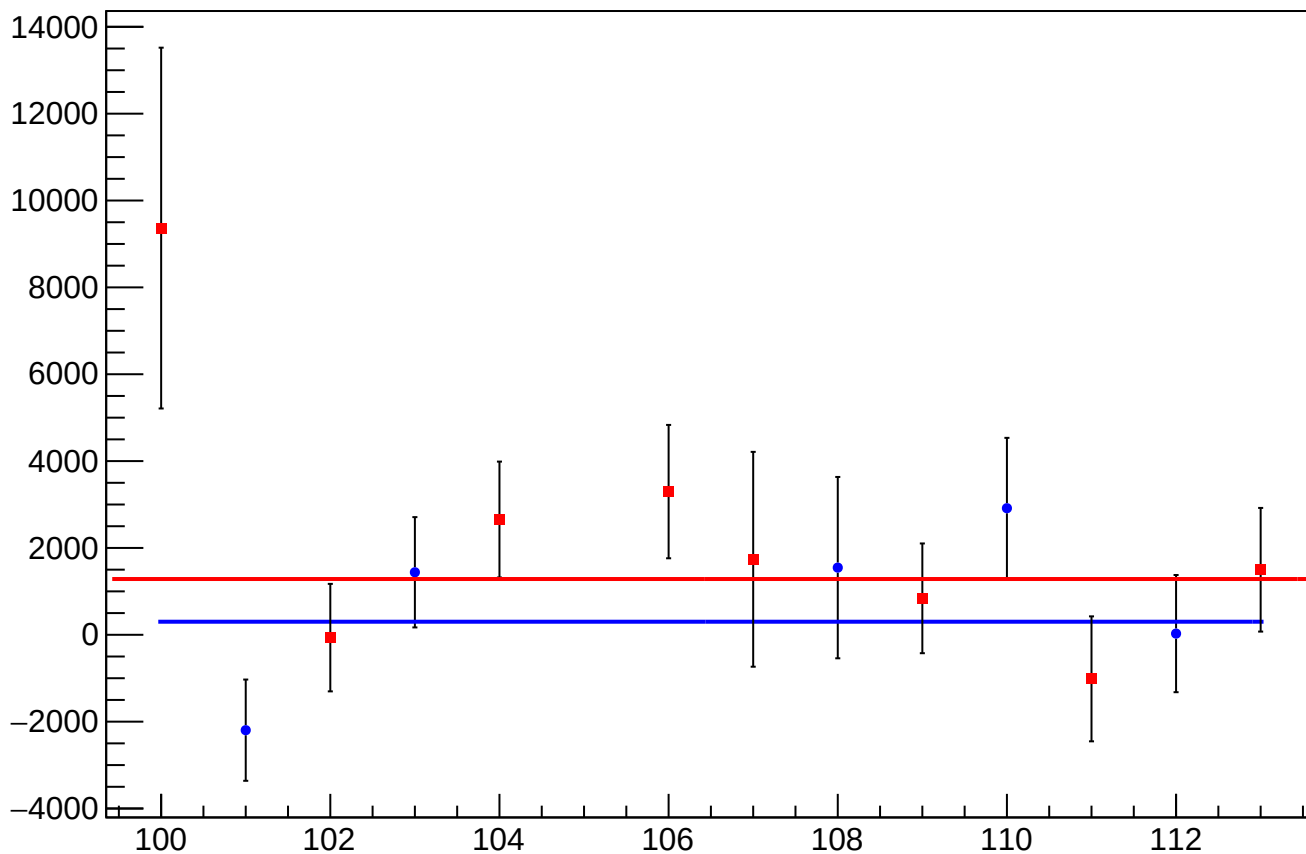
Right: 105.751+/-0.032 χ^2/NDF : 246489.6/12

In: 109.548+/-0.050 χ^2/NDF : 113649.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.751+/-0.032 χ^2/NDF : 246489.6/12

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: 1284.521+/-537.406 χ^2/NDF : 10.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

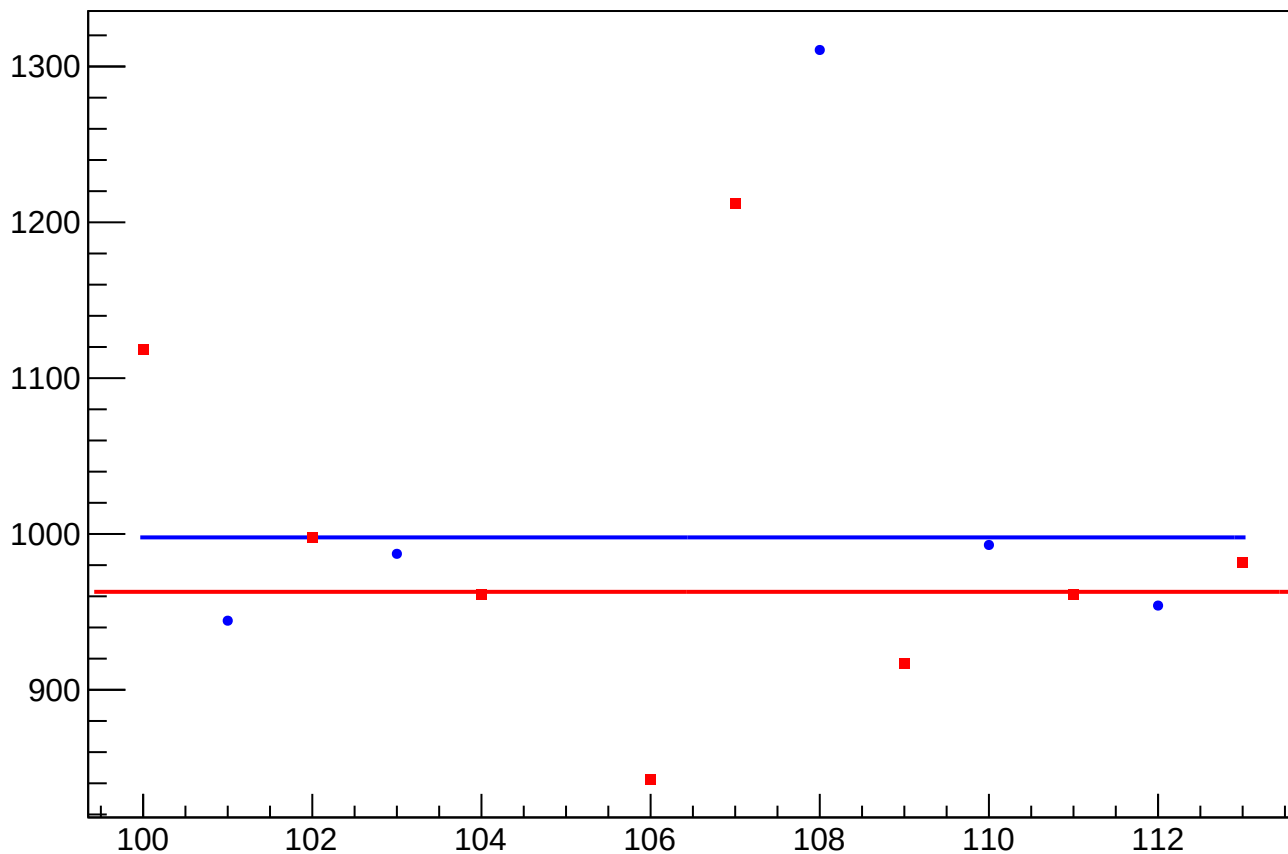
Right: 870.765+/-408.995 χ^2/NDF : 20.3/12

In: 301.249+/-630.497 χ^2/NDF : 8.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 870.765+/-408.995 χ^2/NDF : 20.3/12

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: 962.874+/-0.380 χ^2/NDF : 39956.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

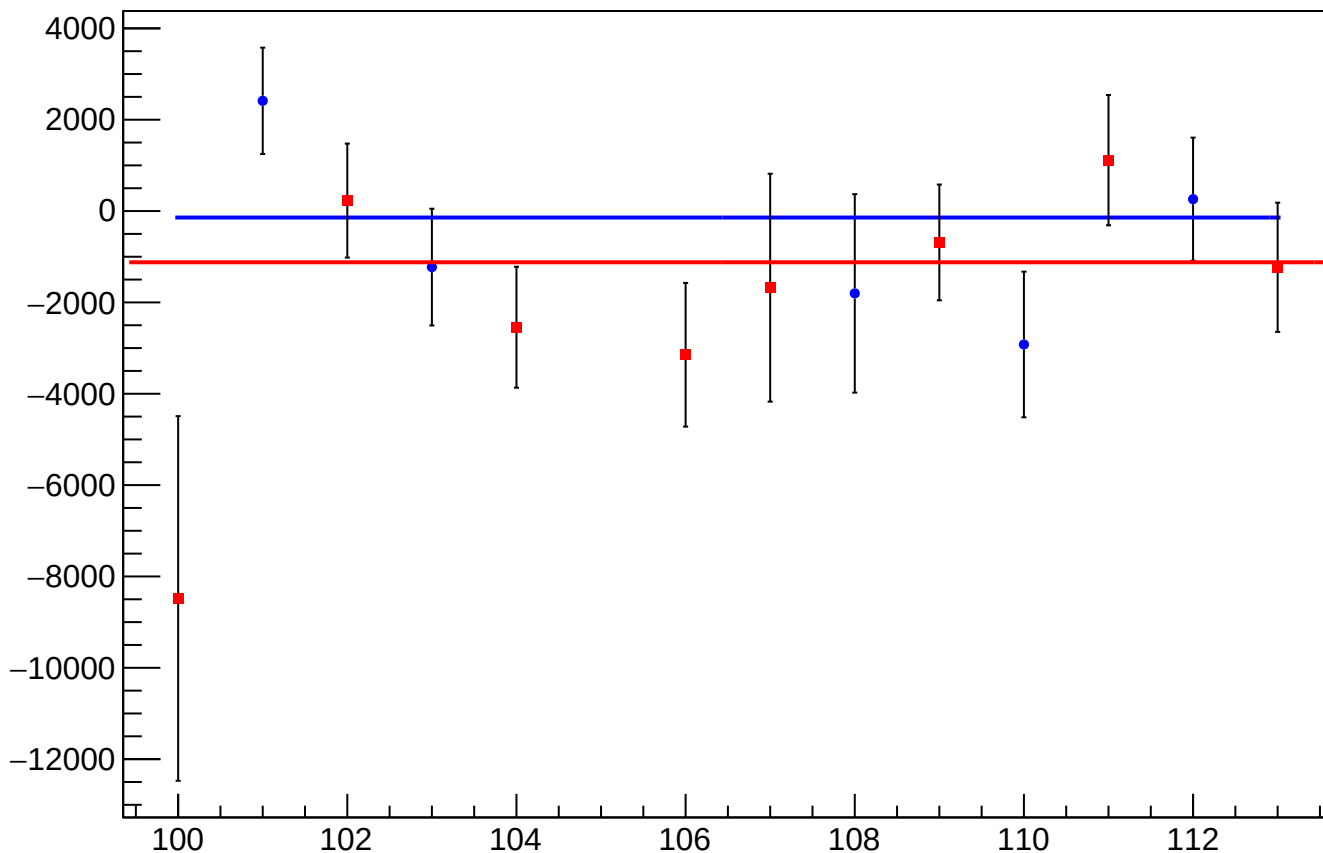
Right: 977.576+/-0.289 χ^2/NDF : 94863.4/12

In: 997.813+/-0.446 χ^2/NDF : 51349.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 977.576+/-0.289 χ^2/NDF : 94863.4/12

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: -1121.275+/-538.164 χ^2/NDF : 10.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

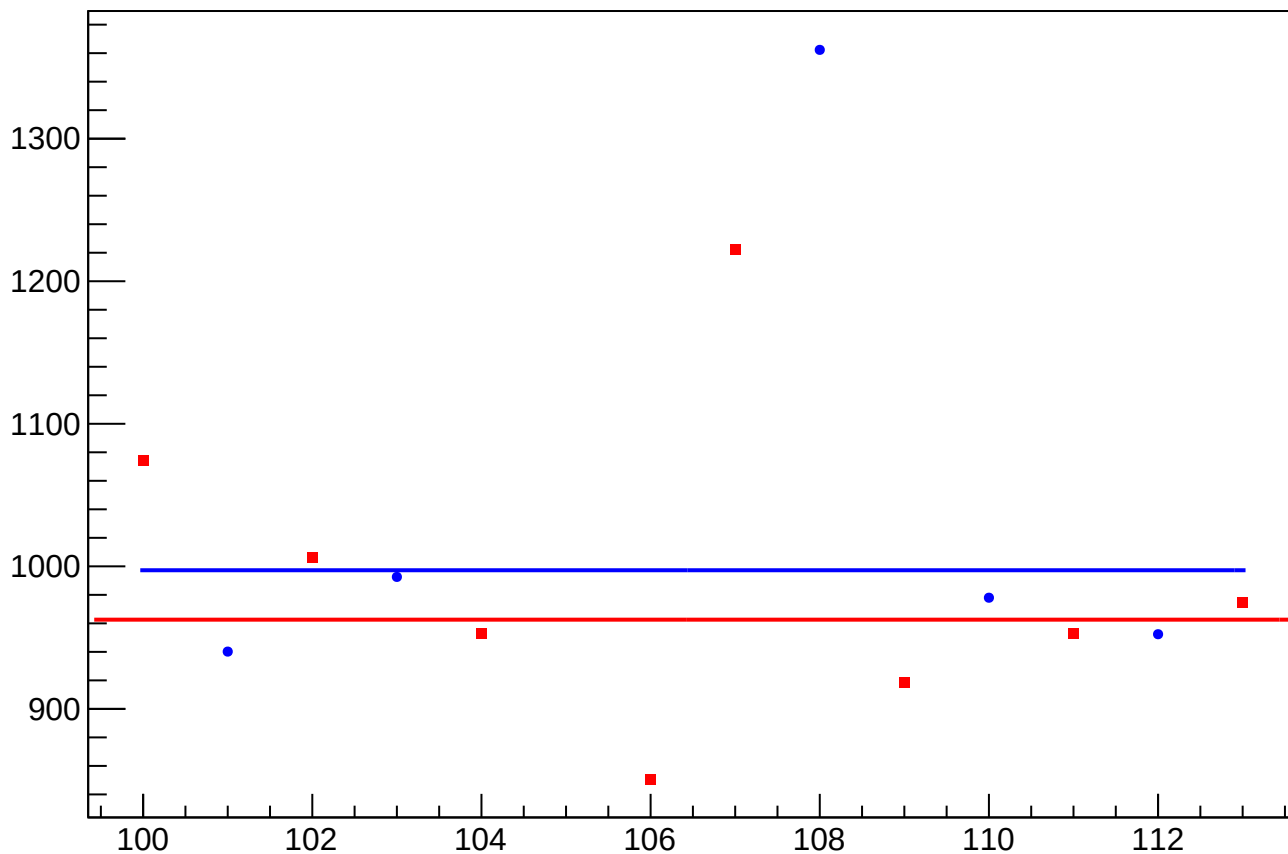
Right: -709.198+/-409.628 χ^2/NDF : 20.7/12

In: -141.624+/-631.591 χ^2/NDF : 9.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -709.198+/-409.628 χ^2/NDF : 20.7/12

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 997.260+/-0.447 χ^2/NDF : 63794.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 962.596+/-0.381 χ^2/NDF : 38498.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

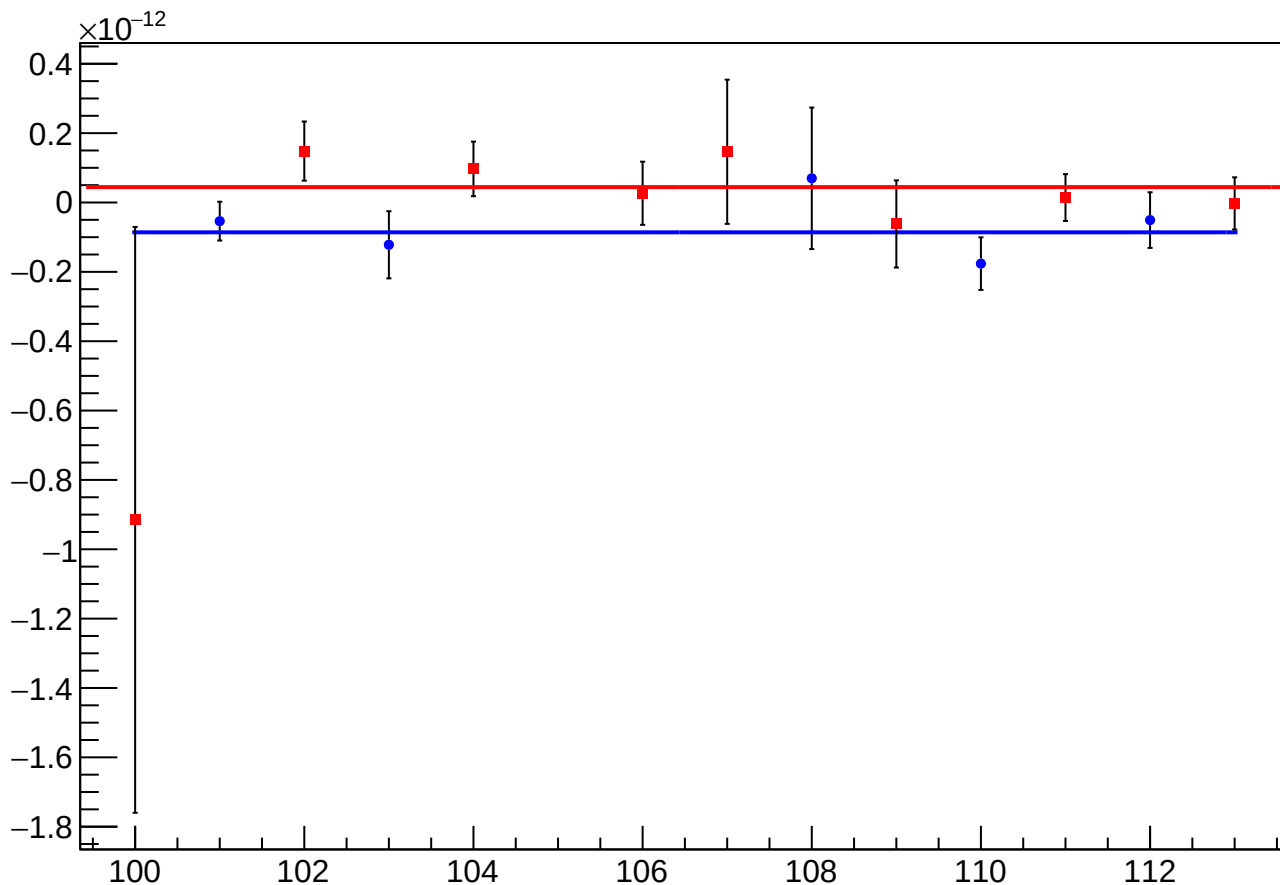
Right: 977.177+/-0.290 χ^2/NDF : 105783.1/12

In: 997.260+/-0.447 χ^2/NDF : 63794.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 977.177+/-0.290 χ^2/NDF : 105783.1/12

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 : 4.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

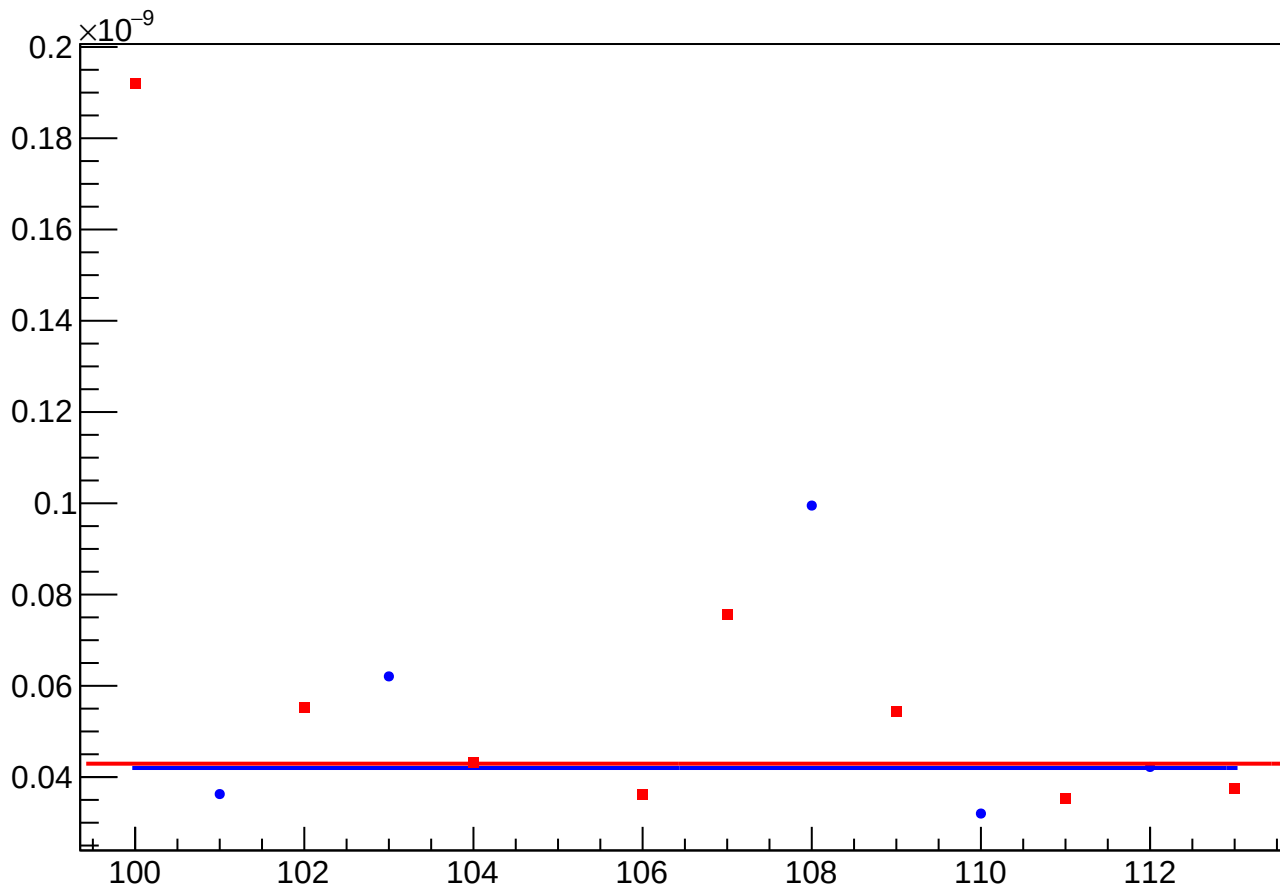
Right: -0.000+/-0.000 χ^2/NDF : 14.6/12

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 : 14.6/12

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 : 216210.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

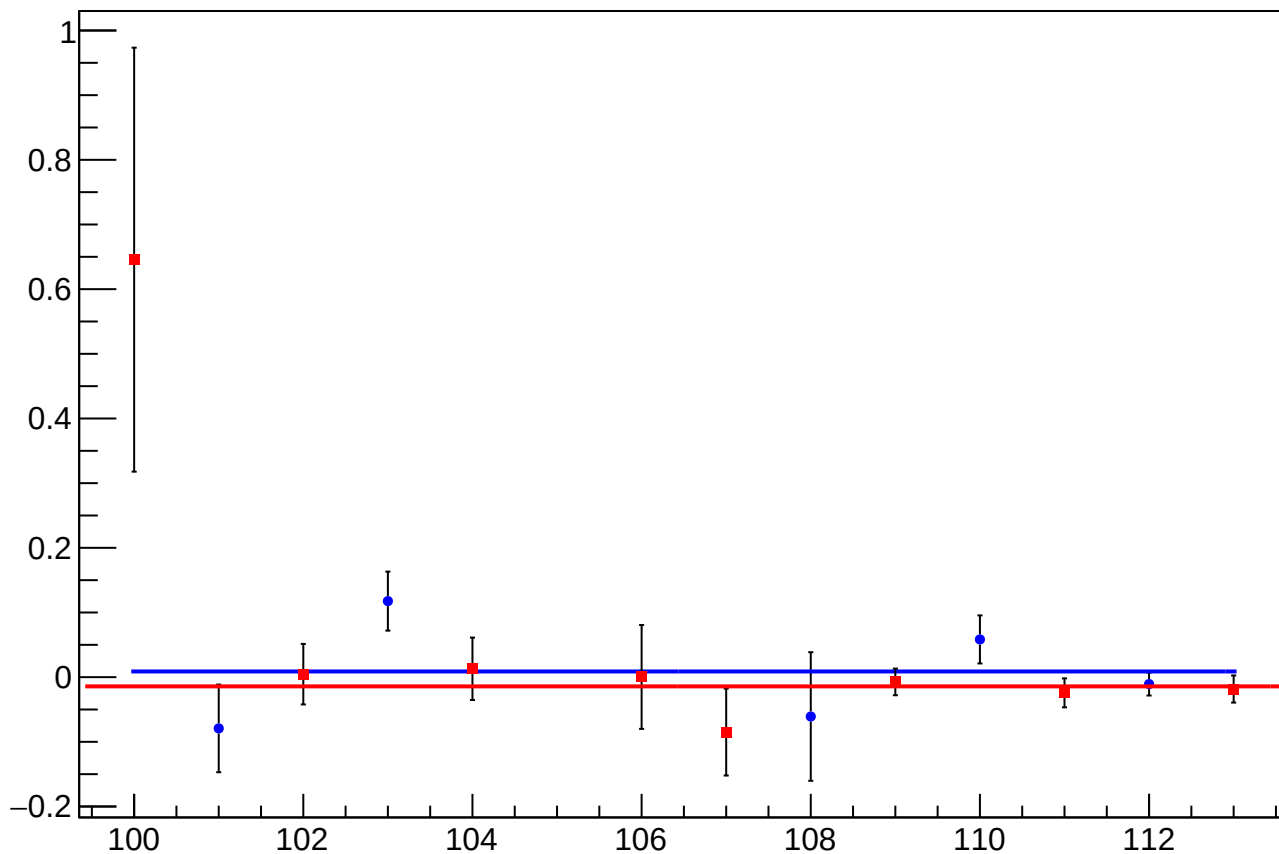
Right: 0.000+/-0.000 χ^2/NDF : 517268.7/12

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 : 517268.7/12

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: -0.014+/-0.011 χ^2/NDF : 6.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

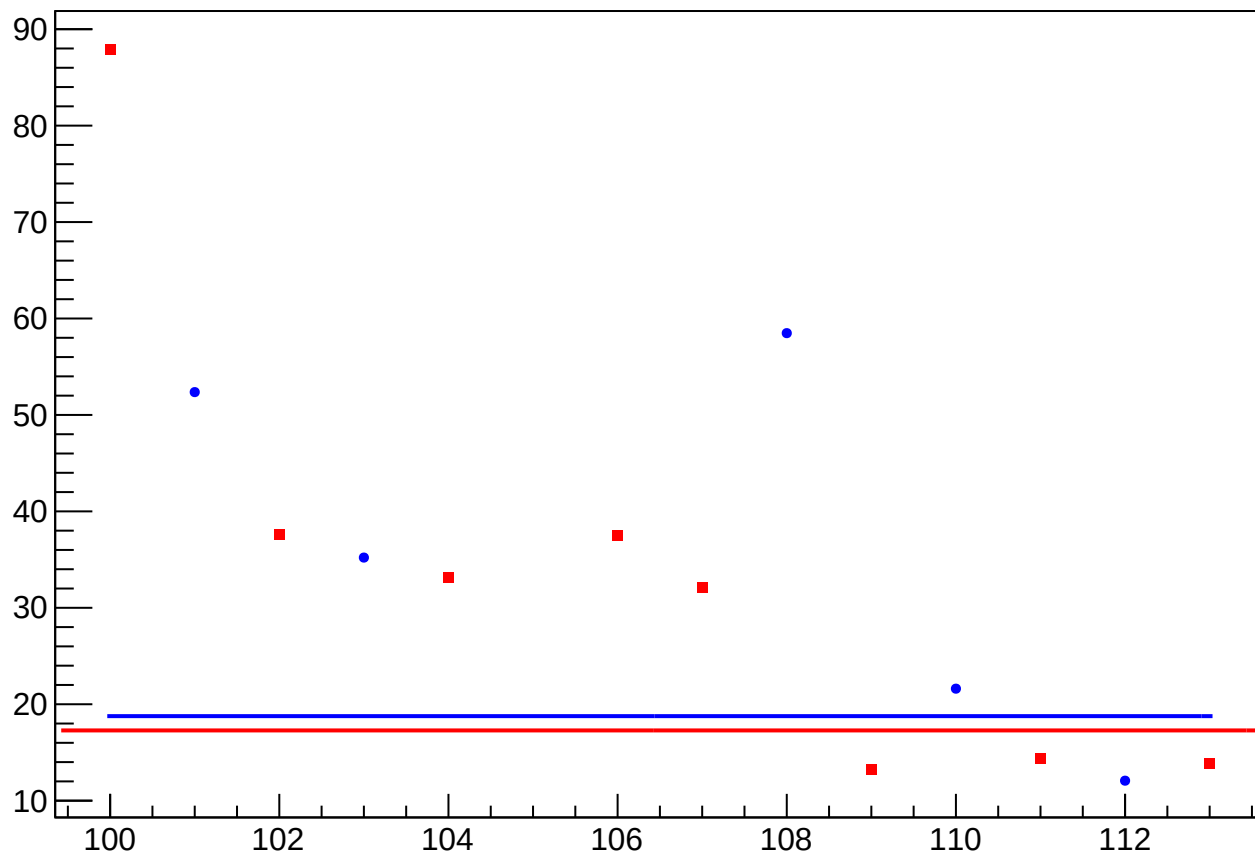
Right: -0.006+/-0.009 χ^2/NDF : 18.4/12

In: 0.009+/-0.015 χ^2/NDF : 10.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.009 χ^2/NDF : 18.4/12

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: 17.285+/-0.008 χ^2/NDF : 1074518.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

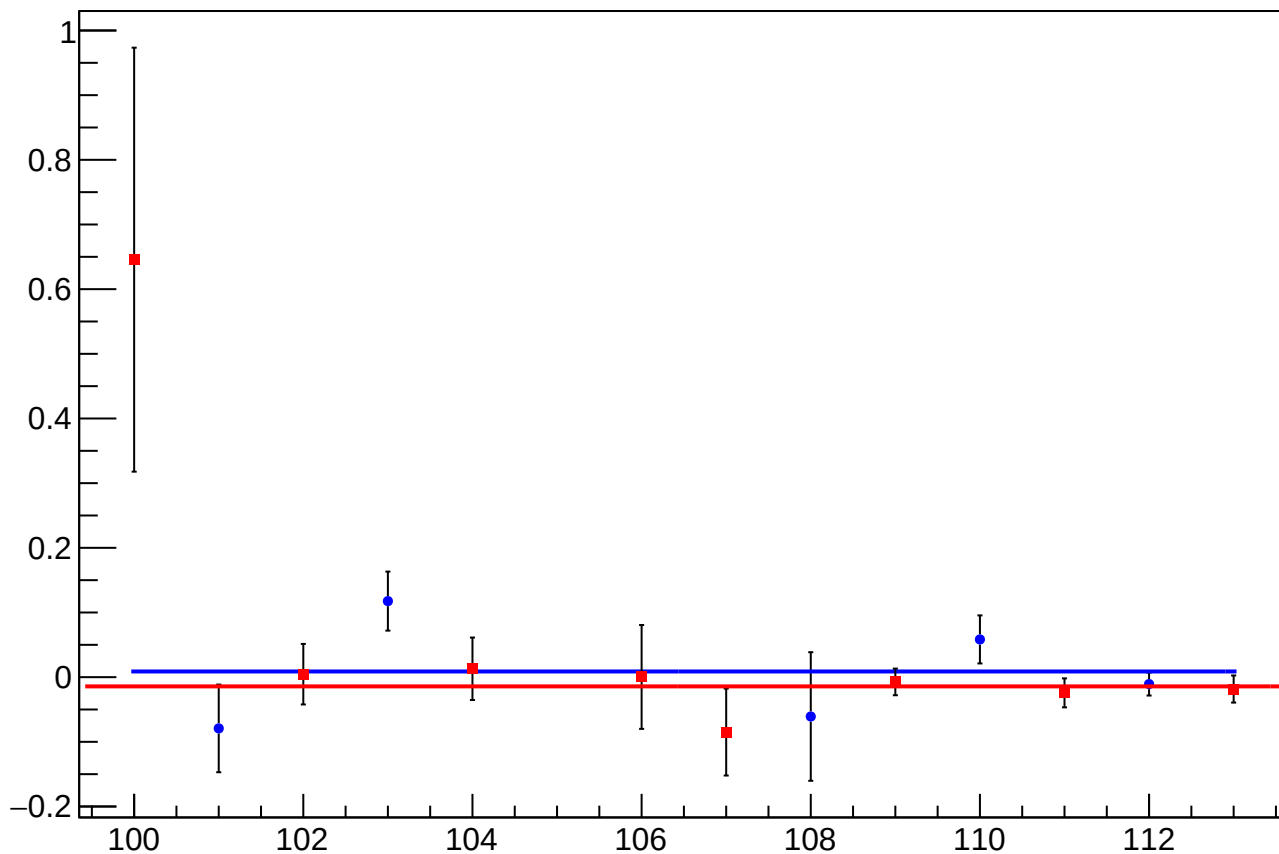
Right: 17.838+/-0.006 χ^2/NDF : 2454270.8/12

In: 18.767+/-0.010 χ^2/NDF : 1366803.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.838+/-0.006 χ^2/NDF : 2454270.8/12

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: -0.014+/-0.011 χ^2/NDF : 6.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

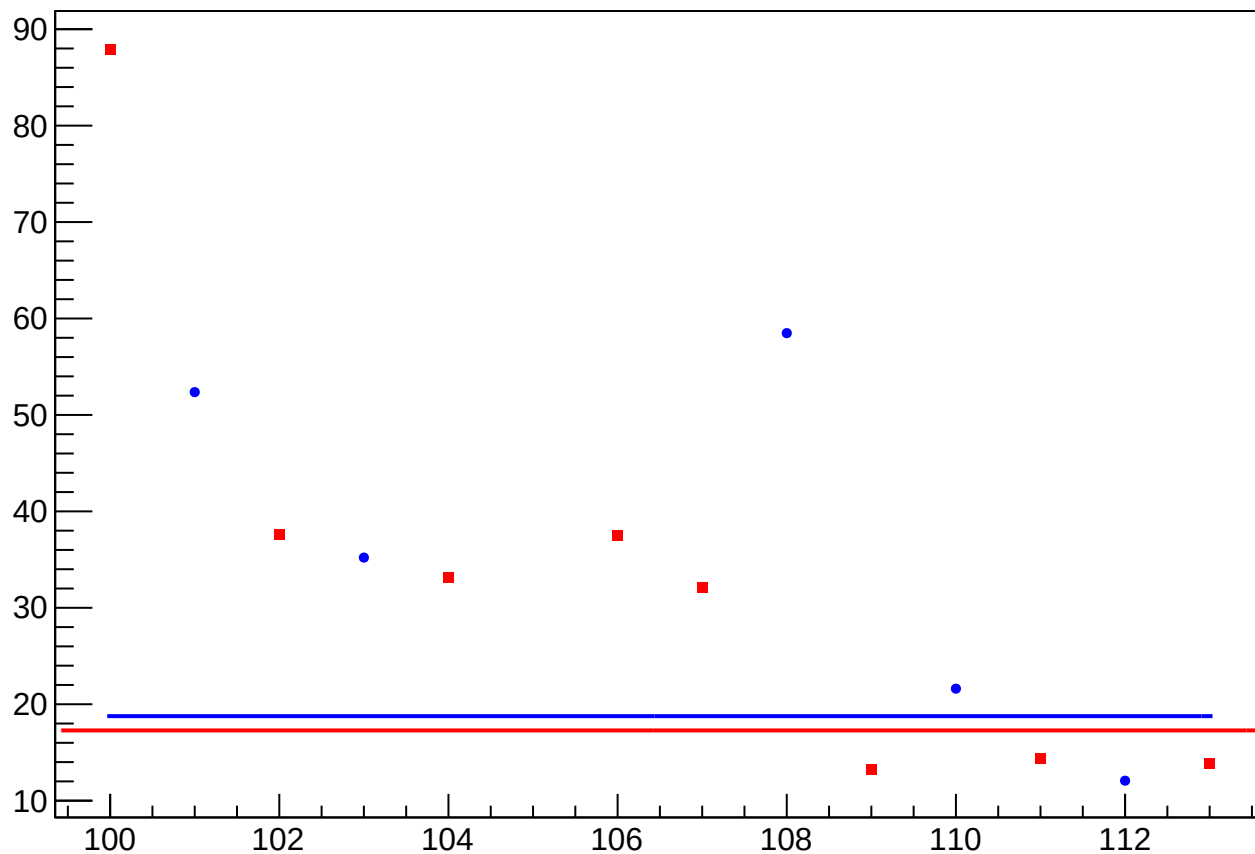
Right: -0.006+/-0.009 χ^2/NDF : 18.4/12

In: 0.009+/-0.015 χ^2/NDF : 10.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.009 χ^2/NDF : 18.4/12

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: 17.285+/-0.008 χ^2/NDF : 1074518.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

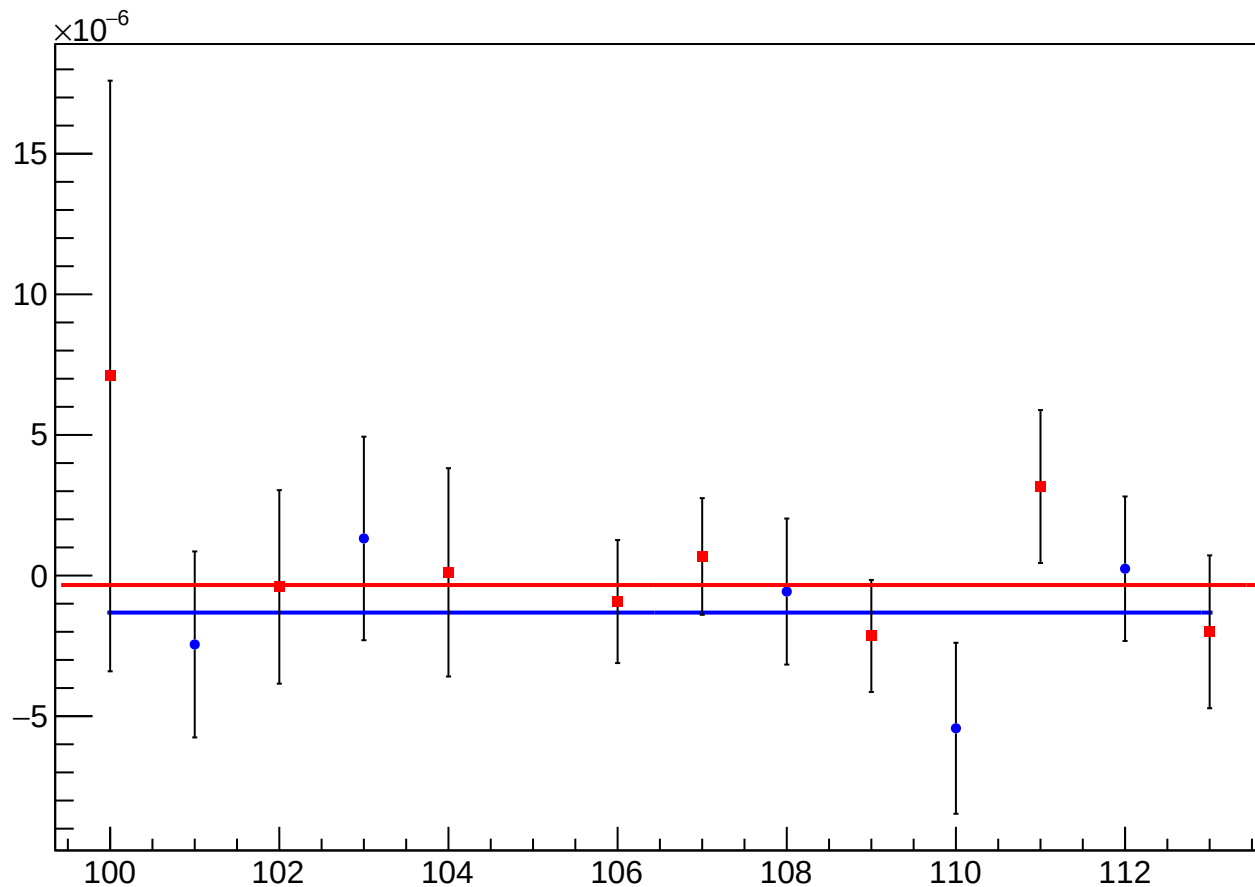
Right: 17.838+/-0.006 χ^2/NDF : 2454270.8/12

In: 18.767+/-0.010 χ^2/NDF : 1366803.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.838+/-0.006 χ^2/NDF : 2454270.8/12

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 : 3.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

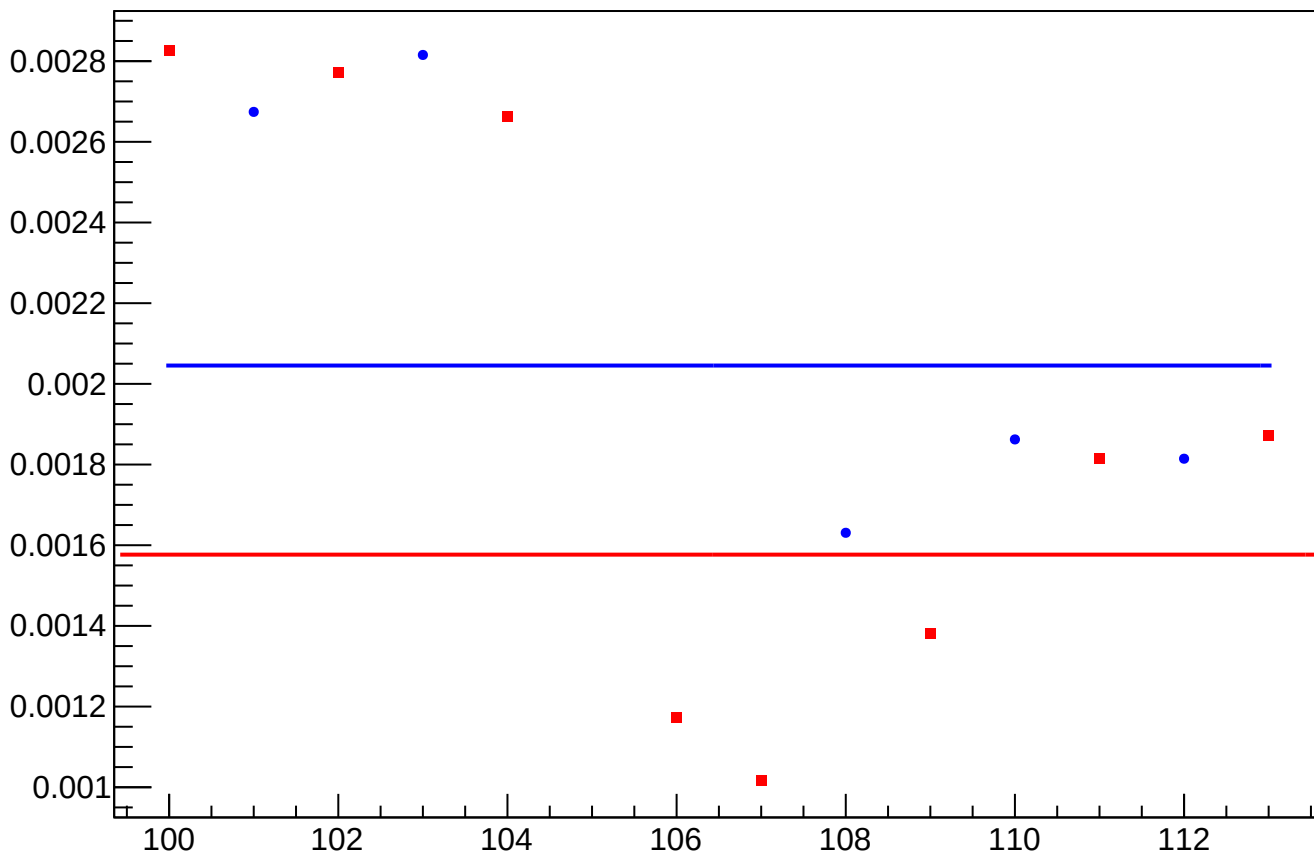
Right: -0.000+/-0.000 χ^2/NDF : 7.0/12

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 : 7.0/12

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 : 713205.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

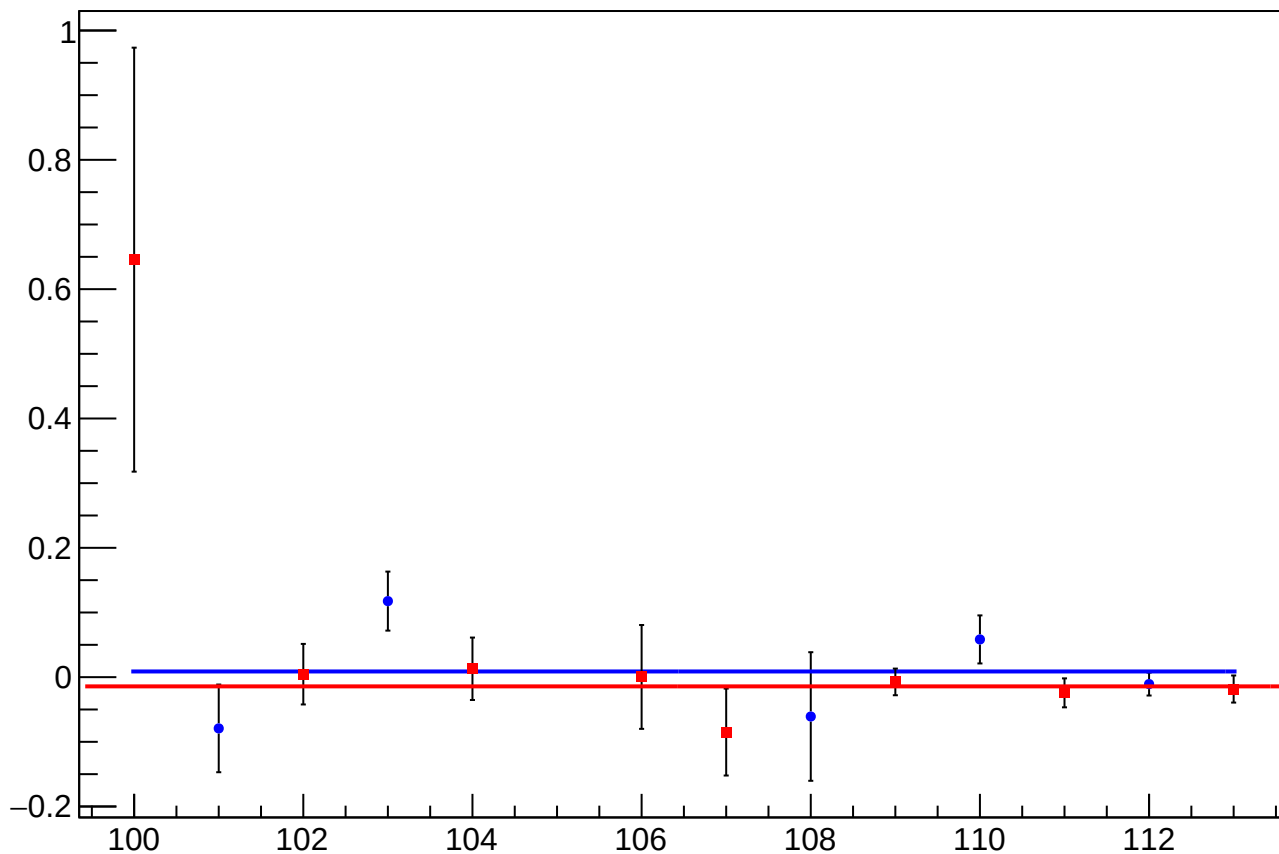
Right: 0.002+/-0.000 χ^2/NDF : 1118115.1/12

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 : 1118115.1/12

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: -0.014+/-0.011 χ^2/NDF : 6.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

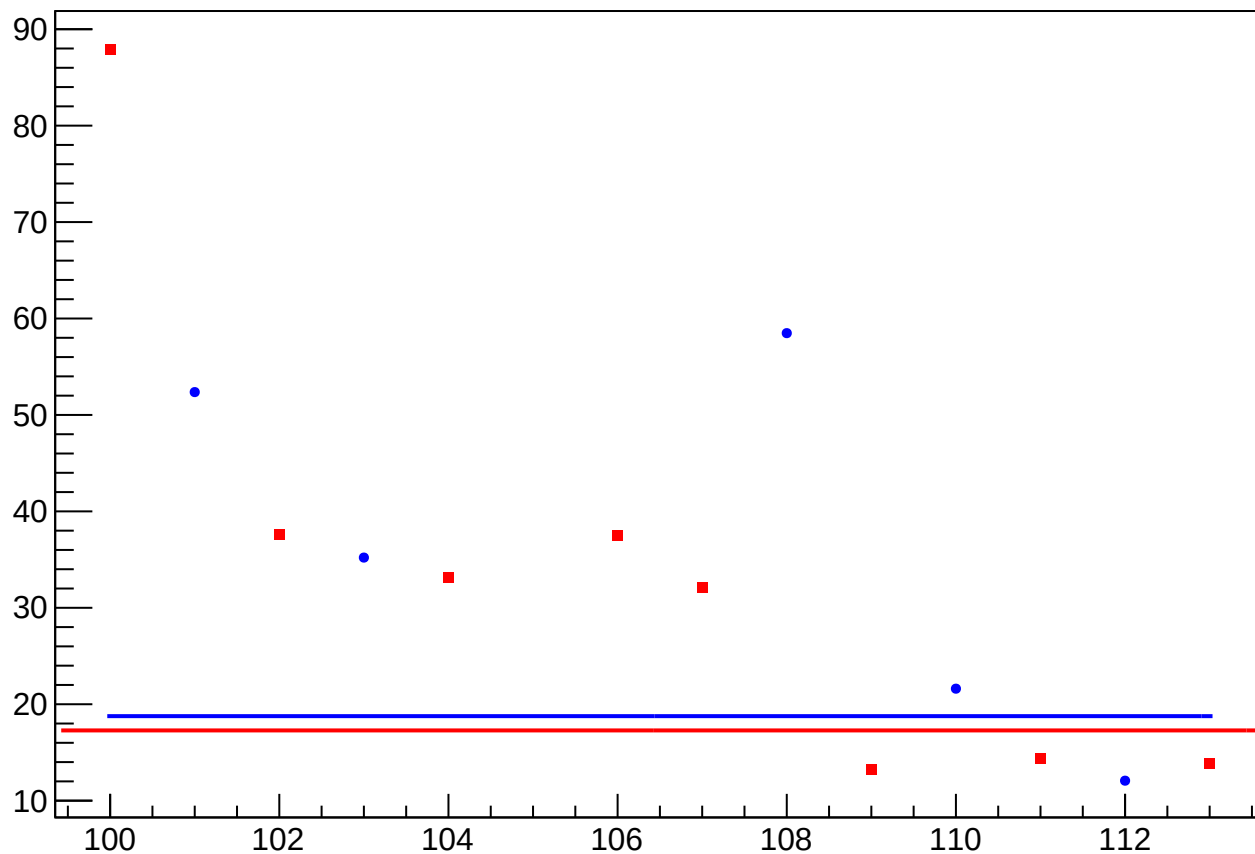
Right: -0.006+/-0.009 χ^2/NDF : 18.4/12

In: 0.009+/-0.015 χ^2/NDF : 10.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.009 χ^2/NDF : 18.4/12

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: 17.285+/-0.008 χ^2/NDF : 1074514.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

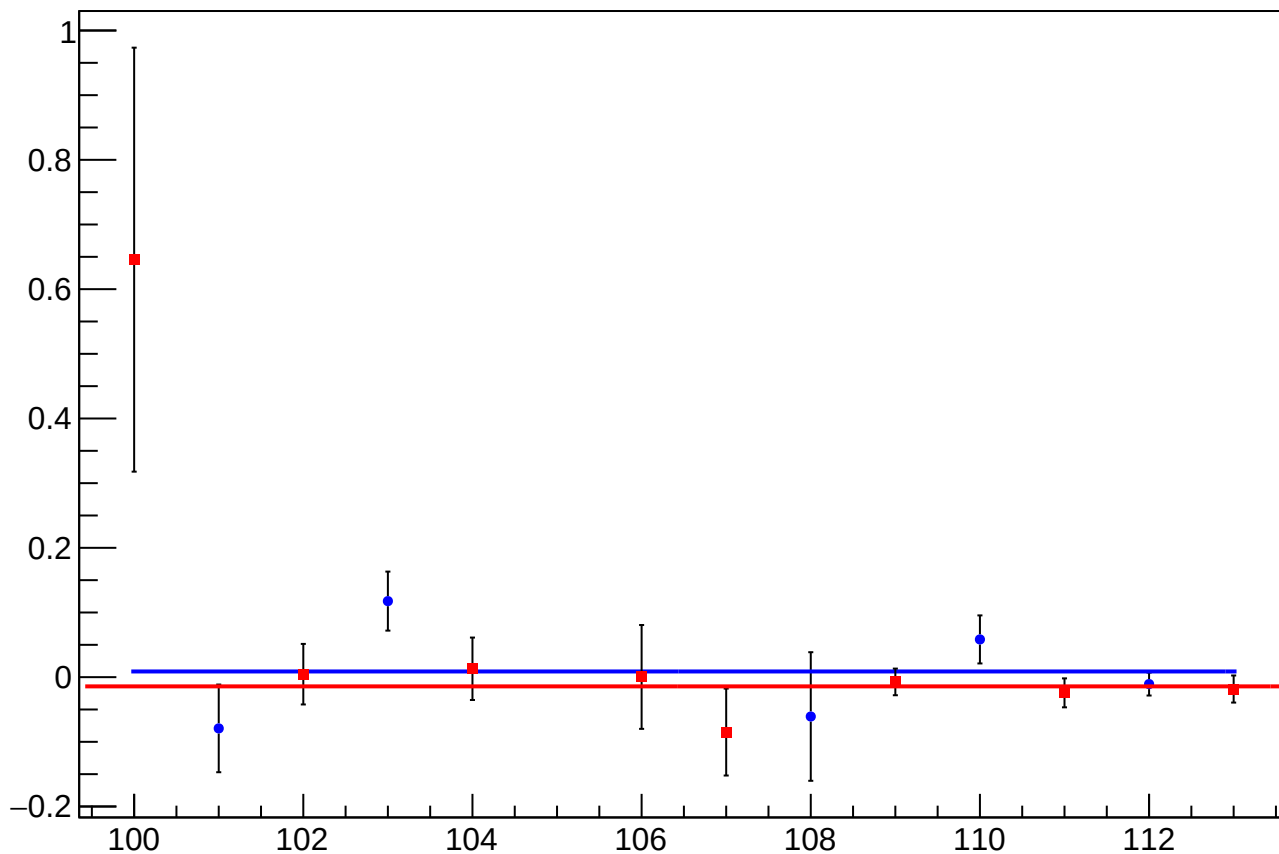
Right: 17.837+/-0.006 χ^2/NDF : 2454378.6/12

In: 18.765+/-0.010 χ^2/NDF : 1366936.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.837+/-0.006 χ^2/NDF : 2454378.6/12

asym_sam_48_dd_eigen_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: -0.014+/-0.011 χ^2/NDF : 6.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

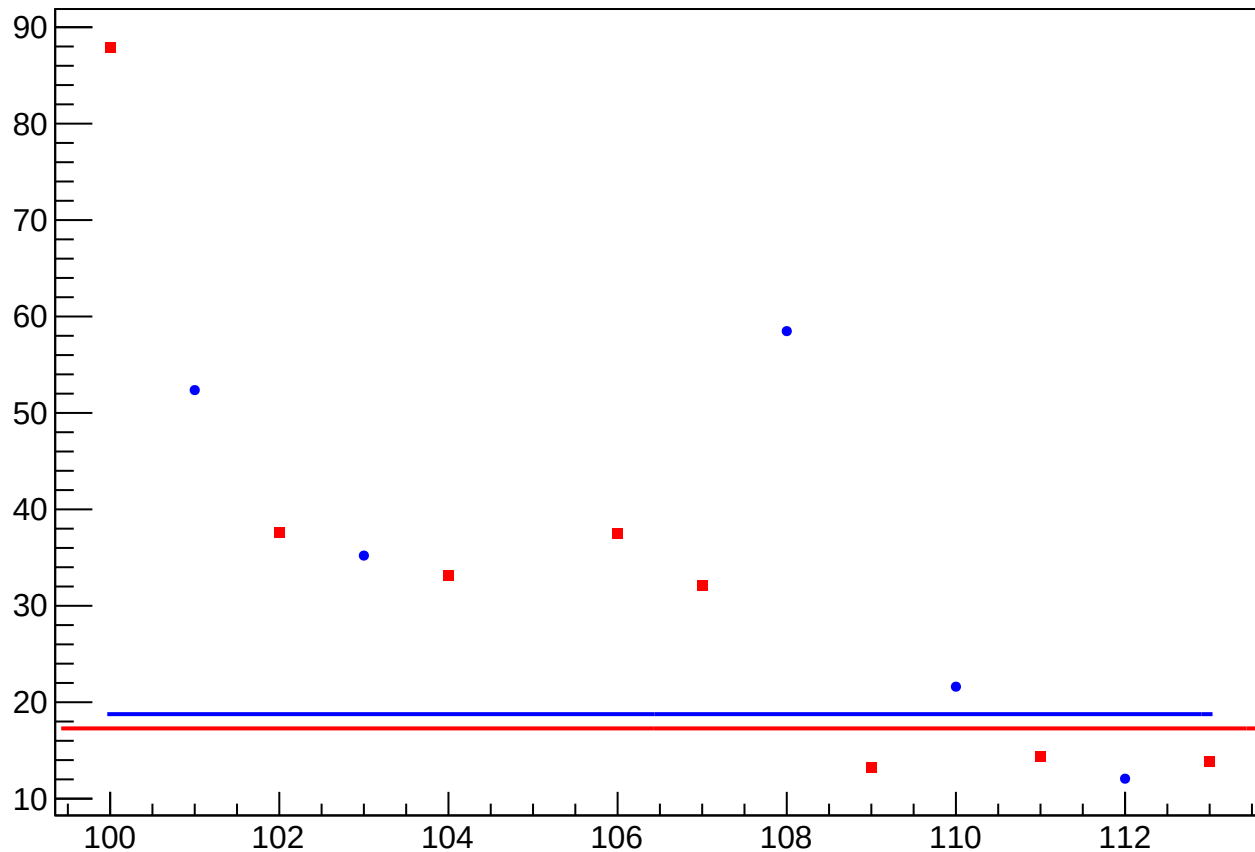
Right: -0.006+/-0.009 χ^2/NDF : 18.4/12

In: 0.009+/-0.015 χ^2/NDF : 10.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.009 χ^2/NDF : 18.4/12

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: 17.285+/-0.008 χ^2/NDF : 1074514.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

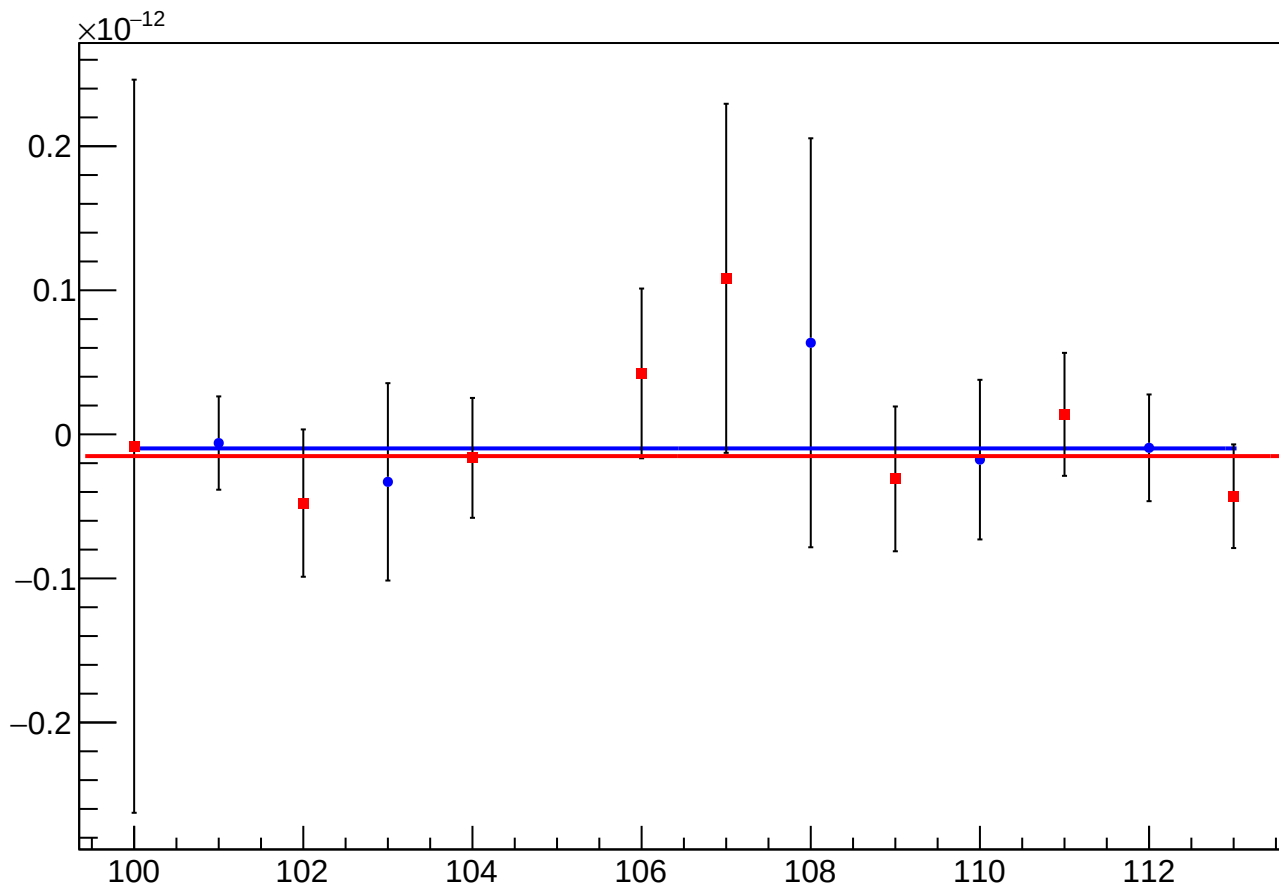
Right: 17.837+/-0.006 χ^2/NDF : 2454378.6/12

In: 18.765+/-0.010 χ^2/NDF : 1366936.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.837+/-0.006 χ^2/NDF : 2454378.6/12

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: 3.6/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

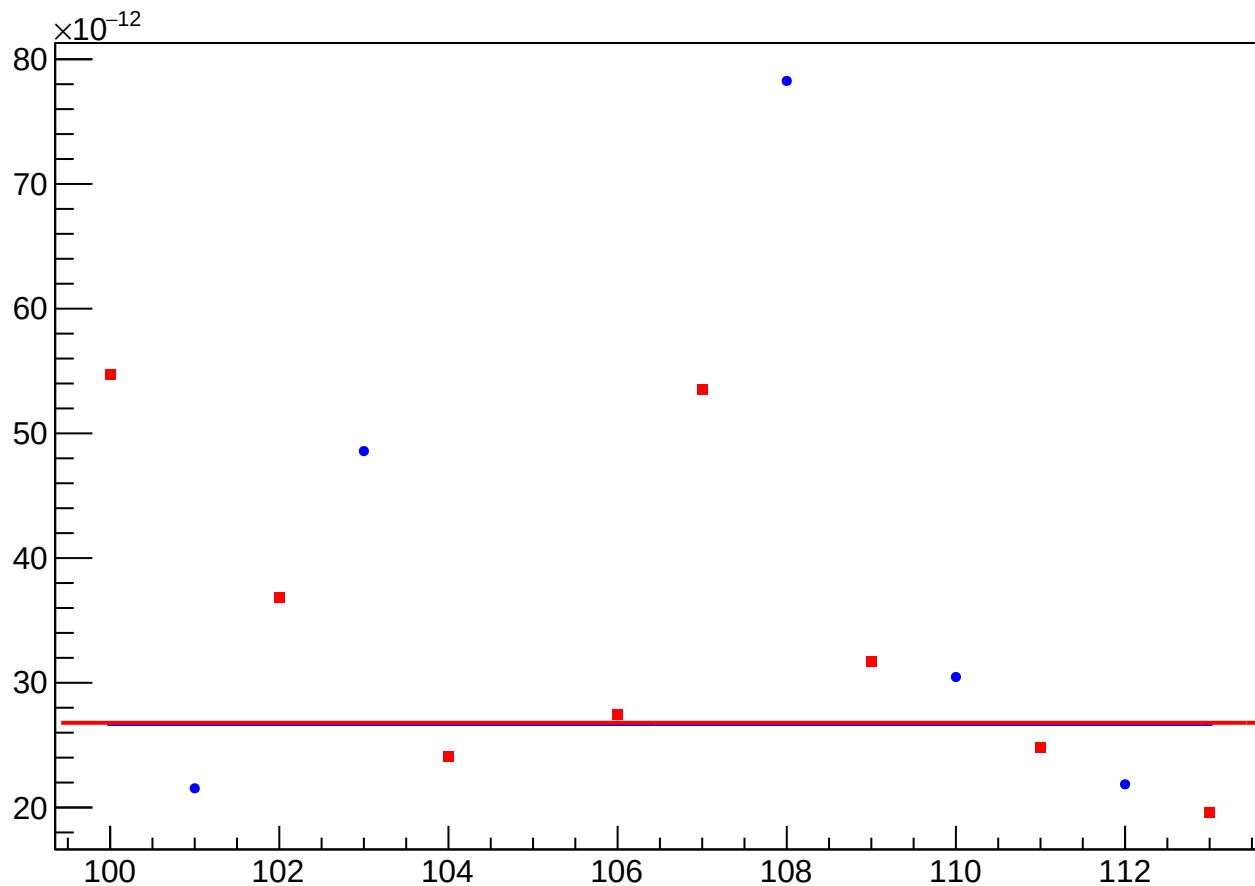
Right: -0.000+/-0.000 χ^2 /NDF: 4.0/12

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: 4.0/12

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 : 310796.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

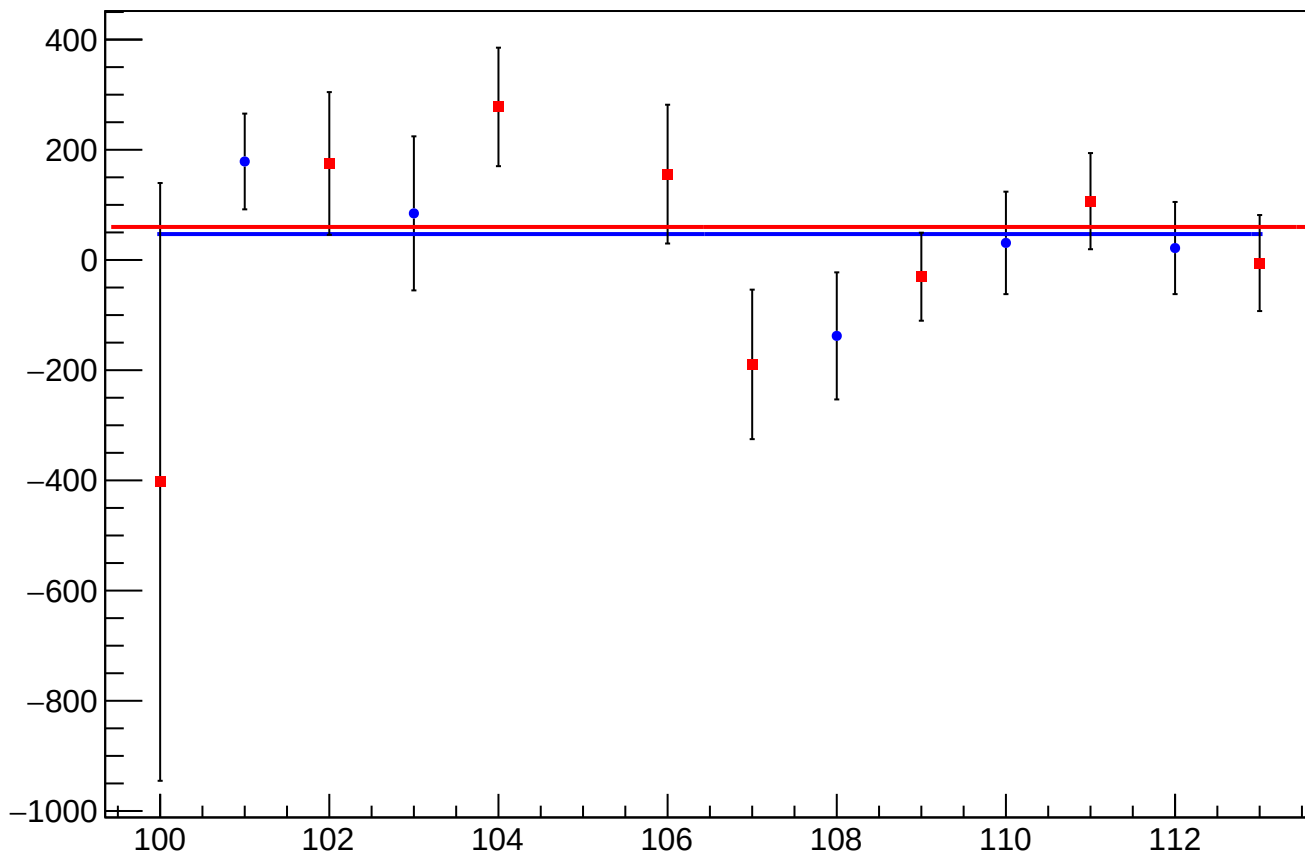
Right: 0.000+/-0.000 χ^2/NDF : 872952.6/12

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 : 872952.6/12

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: 59.941+/-38.161 χ^2/NDF : 11.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

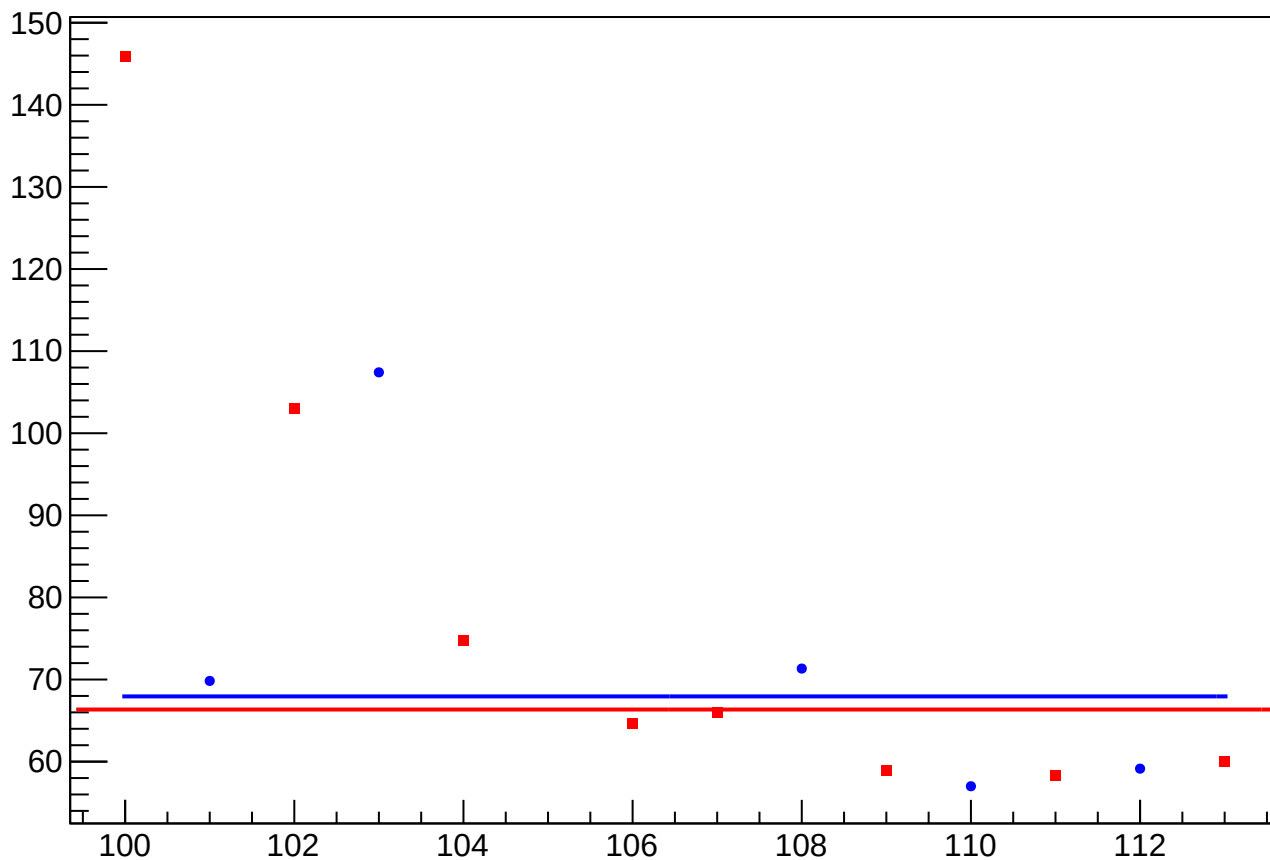
Right: 54.389+/-28.817 χ^2/NDF : 16.8/12

In: 47.022+/-43.956 χ^2/NDF : 5.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.389+/-28.817 χ^2/NDF : 16.8/12

reg_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 67.945 $\pm$ 0.031 χ^2 /NDF: 212001.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 66.347 $\pm$ 0.027 χ^2 /NDF: 261138.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

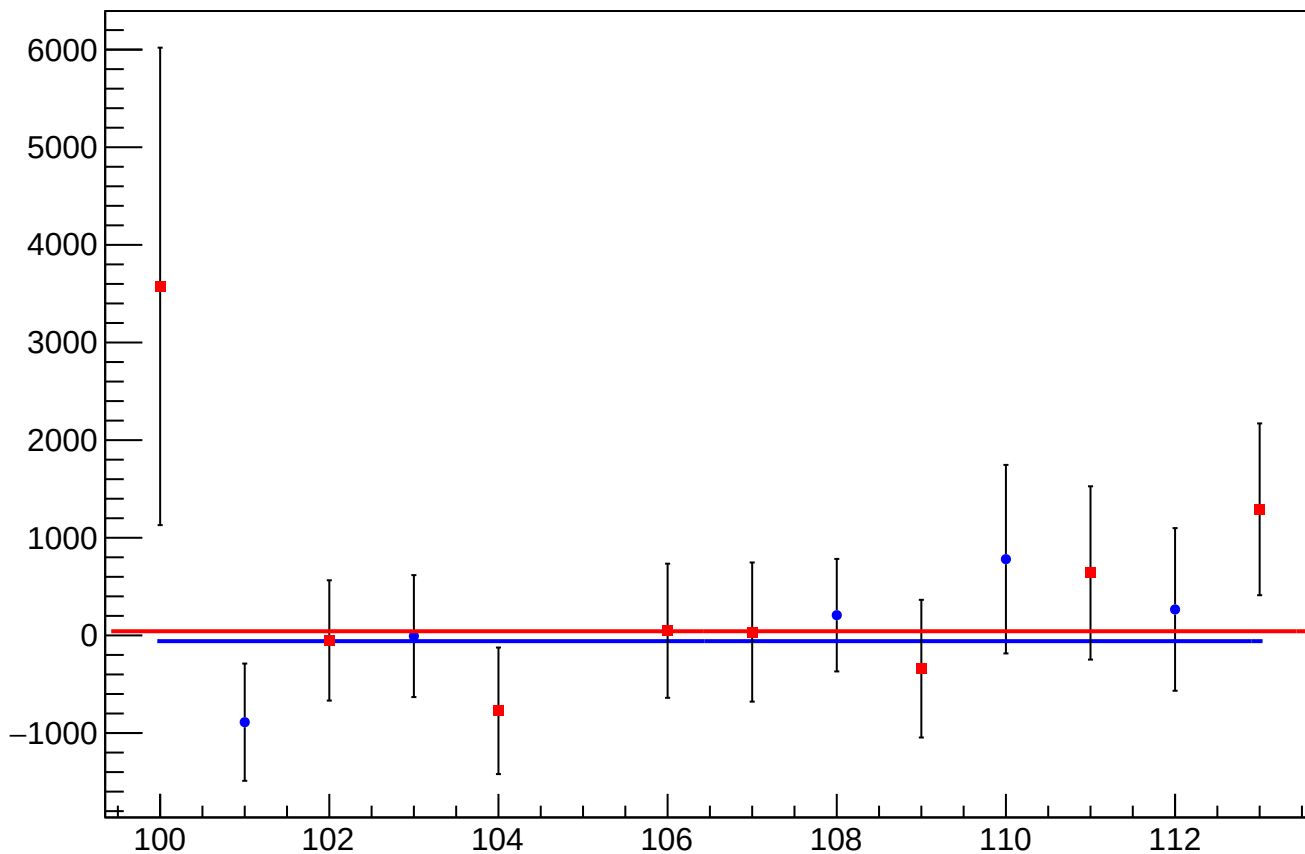
Right: 67.034 $\pm$ 0.020 χ^2 /NDF: 474647.2/12

In: 67.945 $\pm$ 0.031 χ^2 /NDF:212001.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 67.034 $\pm$ 0.020 χ^2 /NDF: 474647.2/12

asym_sam_13_57_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -58.757 $\pm$ 303.416 χ^2 /NDF: 3.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 42.532 $\pm$ 268.759 χ^2 /NDF: 6.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

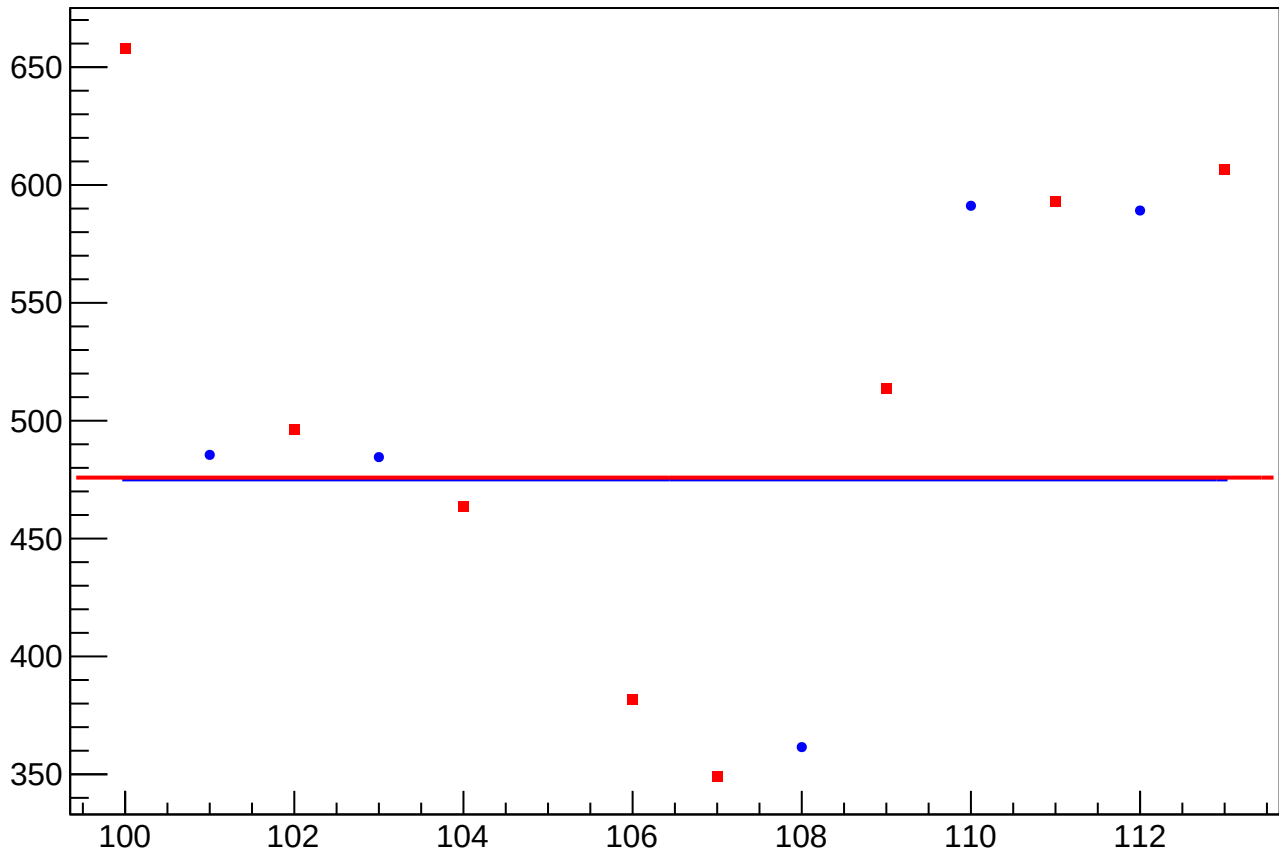
Right: -1.999 $\pm$ 201.184 χ^2 /NDF: 9.6/12

In: -58.757 $\pm$ 303.416 χ^2 /NDF:3.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.999 $\pm$ 201.184 χ^2 /NDF: 9.6/12

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: 475.867+/-0.190 χ^2/NDF : 199761.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

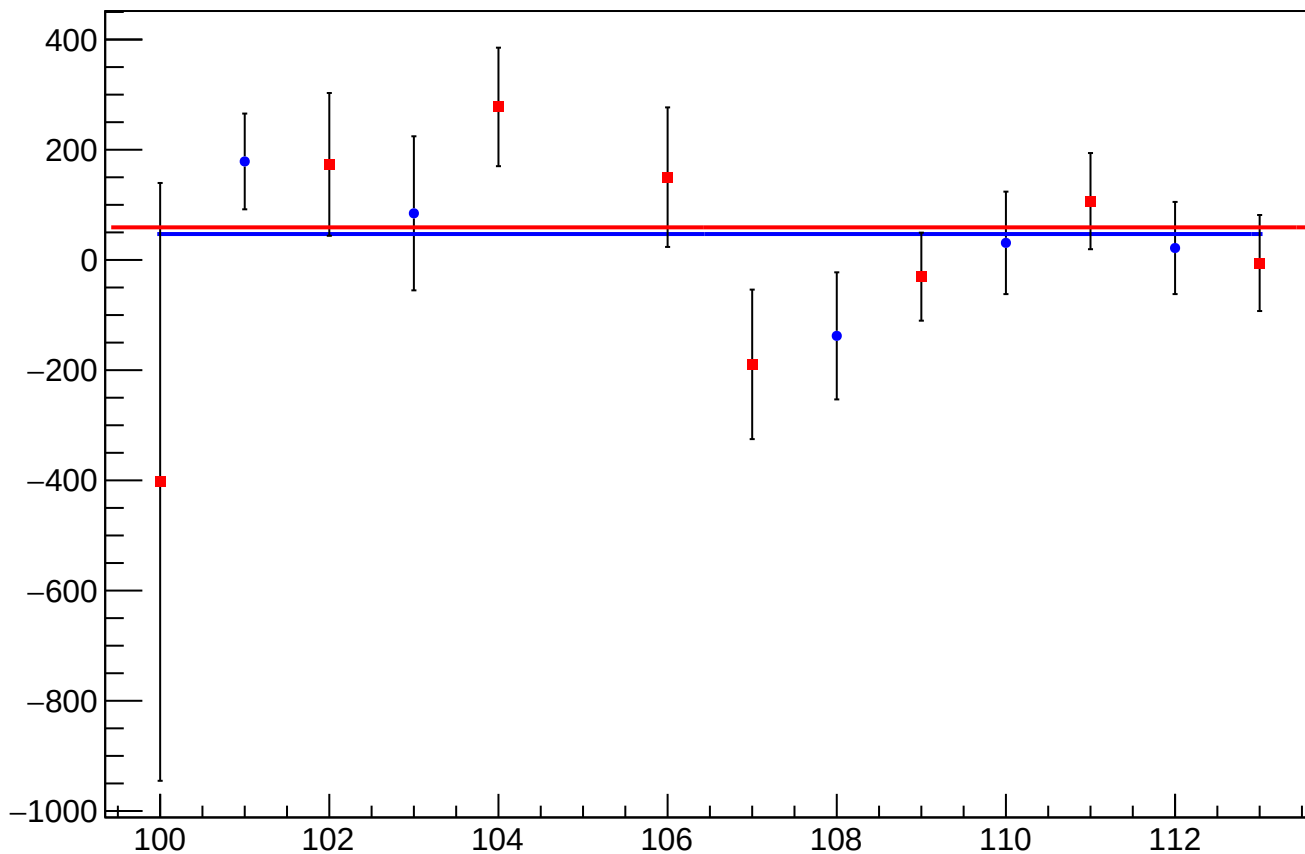
Right: 475.534+/-0.142 χ^2/NDF : 344914.0/12

In: 475.109+/-0.215 χ^2/NDF : 145146.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 475.534+/-0.142 χ^2/NDF : 344914.0/12

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: 59.169+/-38.182 χ^2/NDF : 11.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

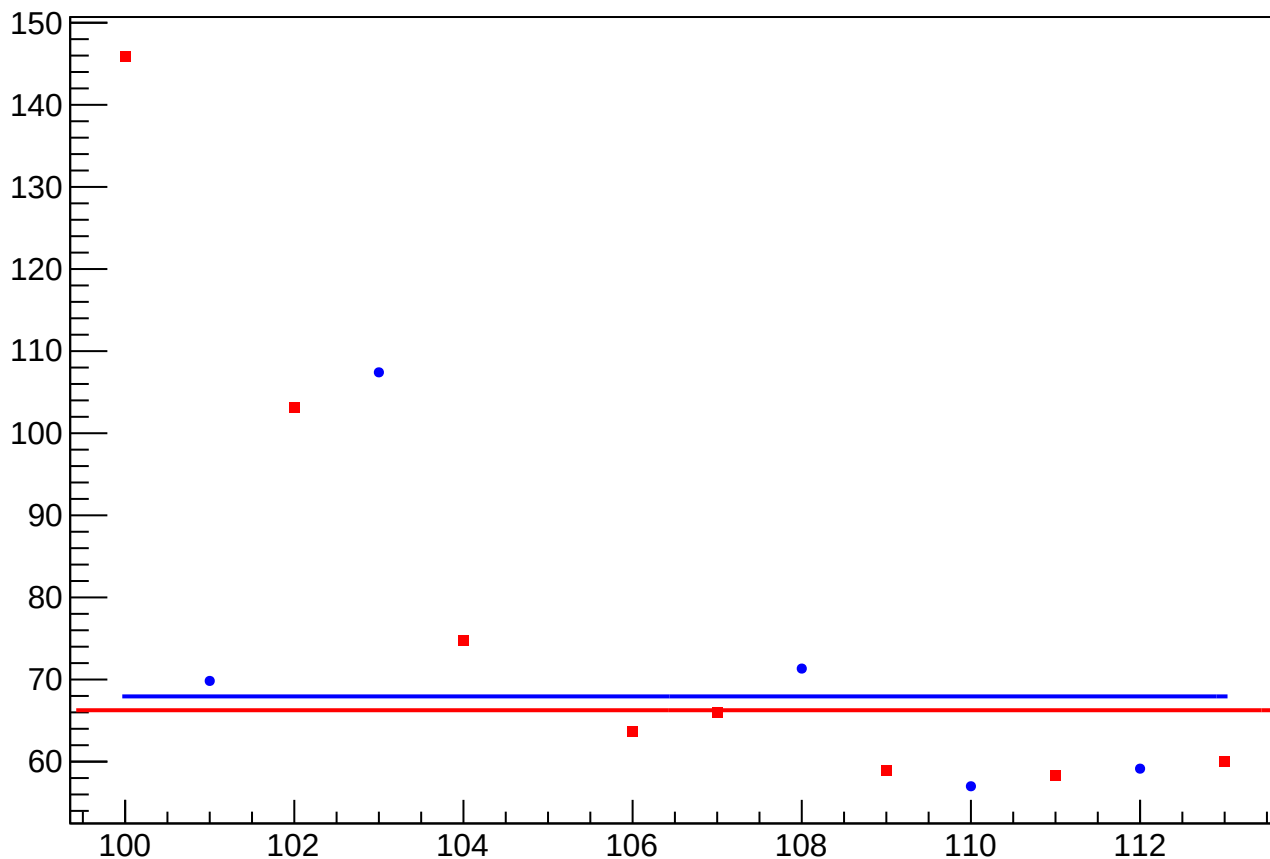
Right: 53.945+/-28.826 χ^2/NDF : 16.7/12

In: 47.023+/-43.956 χ^2/NDF : 5.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.945+/-28.826 χ^2/NDF : 16.7/12

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: 66.260+/-0.027 χ^2/NDF : 261893.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

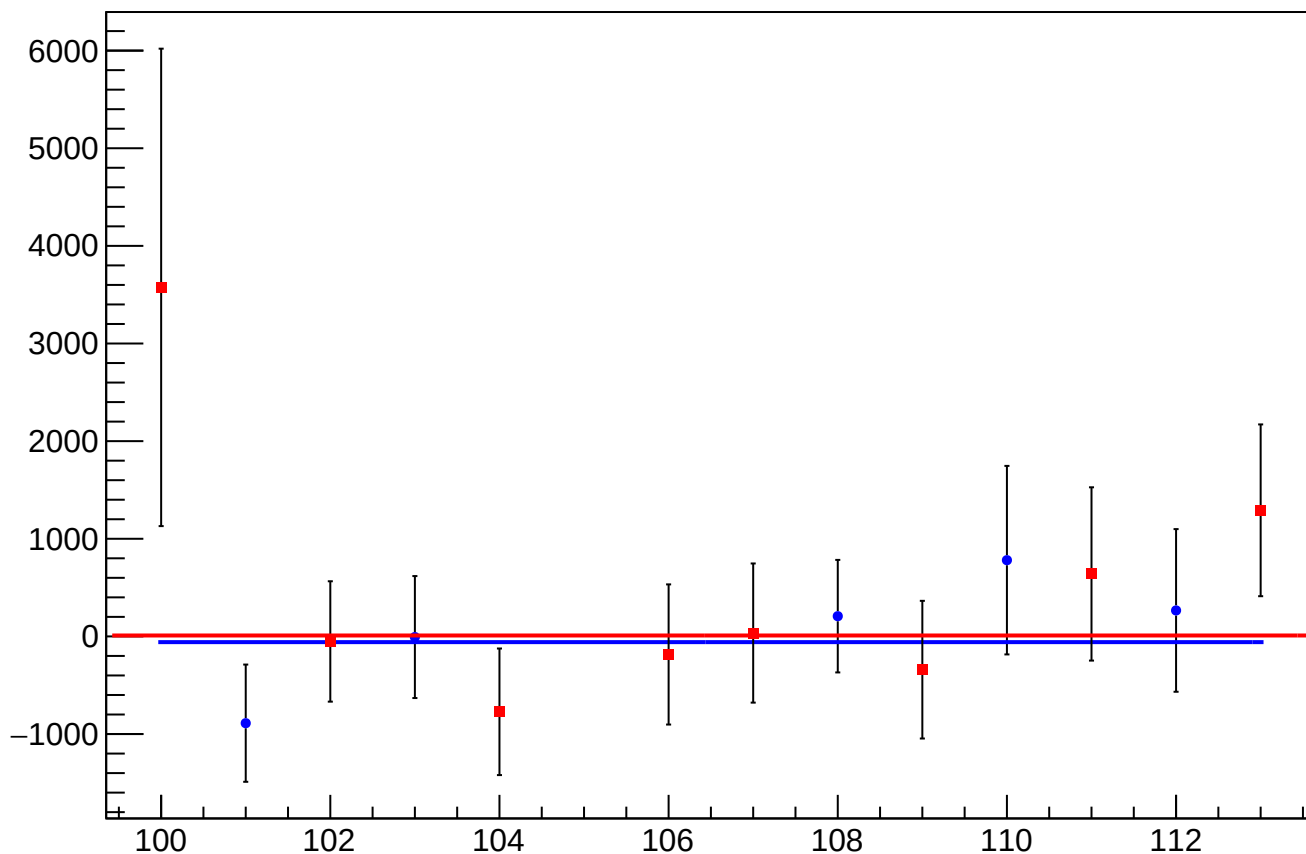
Right: 66.985+/-0.020 χ^2/NDF : 475572.2/12

In: 67.945+/-0.031 χ^2/NDF : 212003.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.985+/-0.020 χ^2/NDF : 475572.2/12

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: 9.434 $\pm$ 270.556 χ^2 /NDF: 6.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

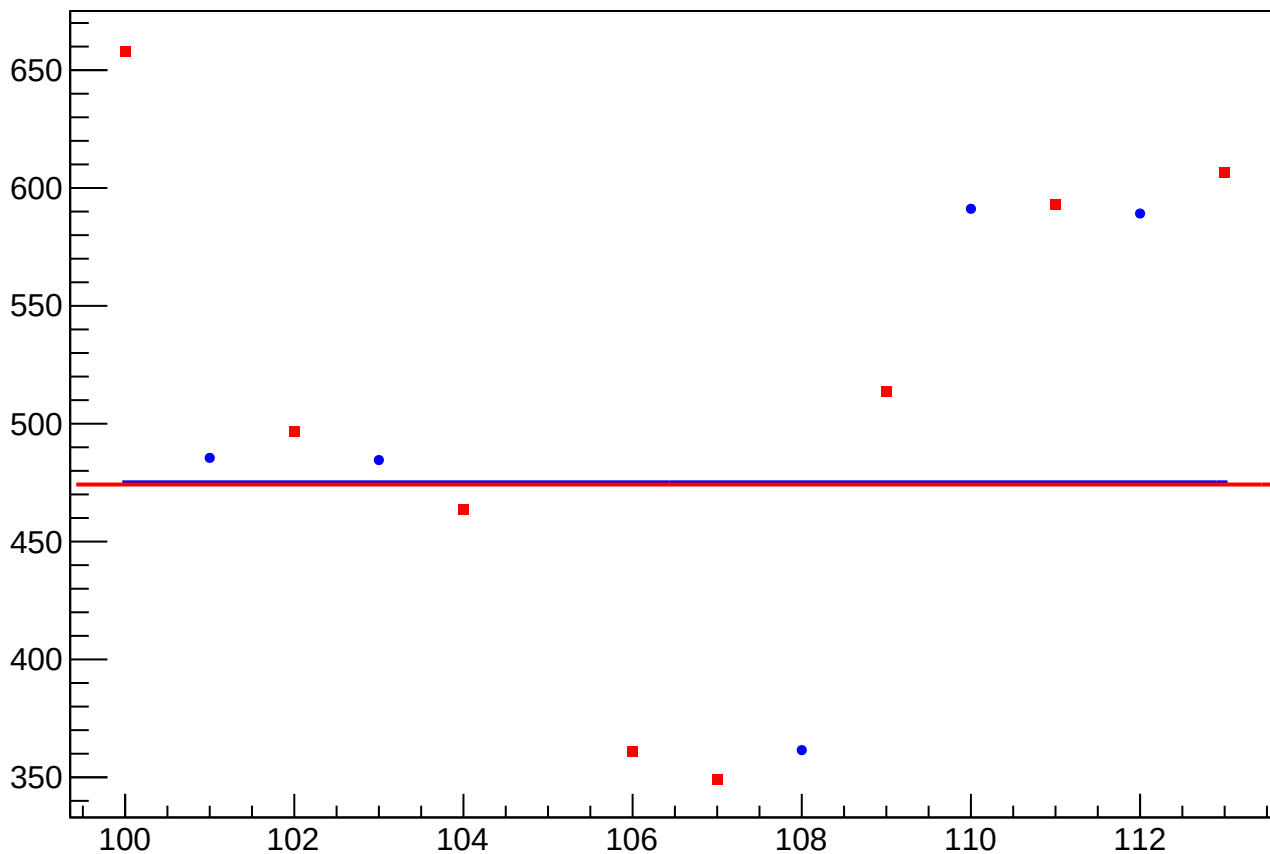
Right: -20.719 $\pm$ 201.936 χ^2 /NDF: 9.6/12

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: -20.719 $\pm$ 201.936 χ^2 /NDF: 9.6/12

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: 474.208+/-0.191 χ^2/NDF : 213614.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

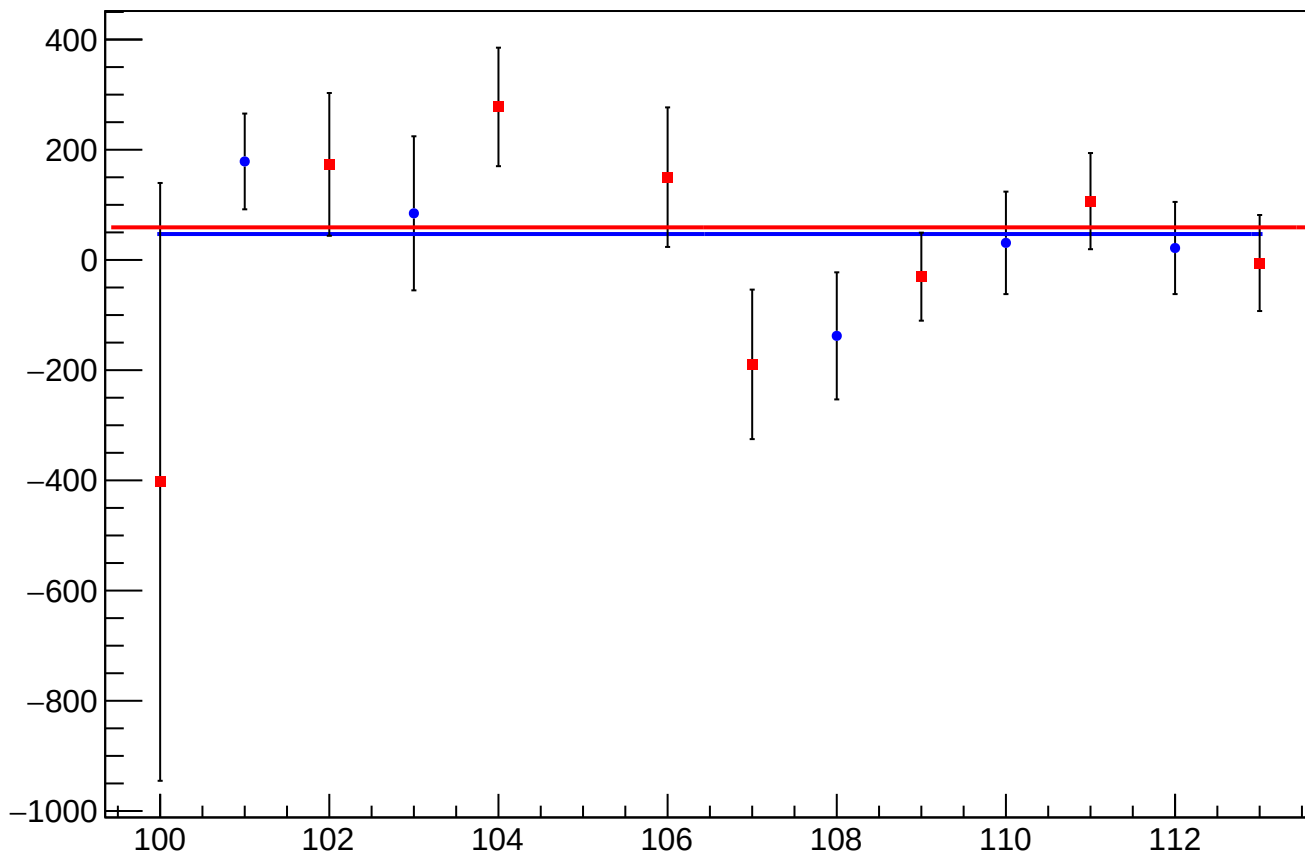
Right: 474.610+/-0.143 χ^2/NDF : 358773.6/12

In: 475.116+/-0.215 χ^2/NDF : 145148.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 474.610+/-0.143 χ^2/NDF : 358773.6/12

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: 59.169+/-38.182 χ^2/NDF : 11.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

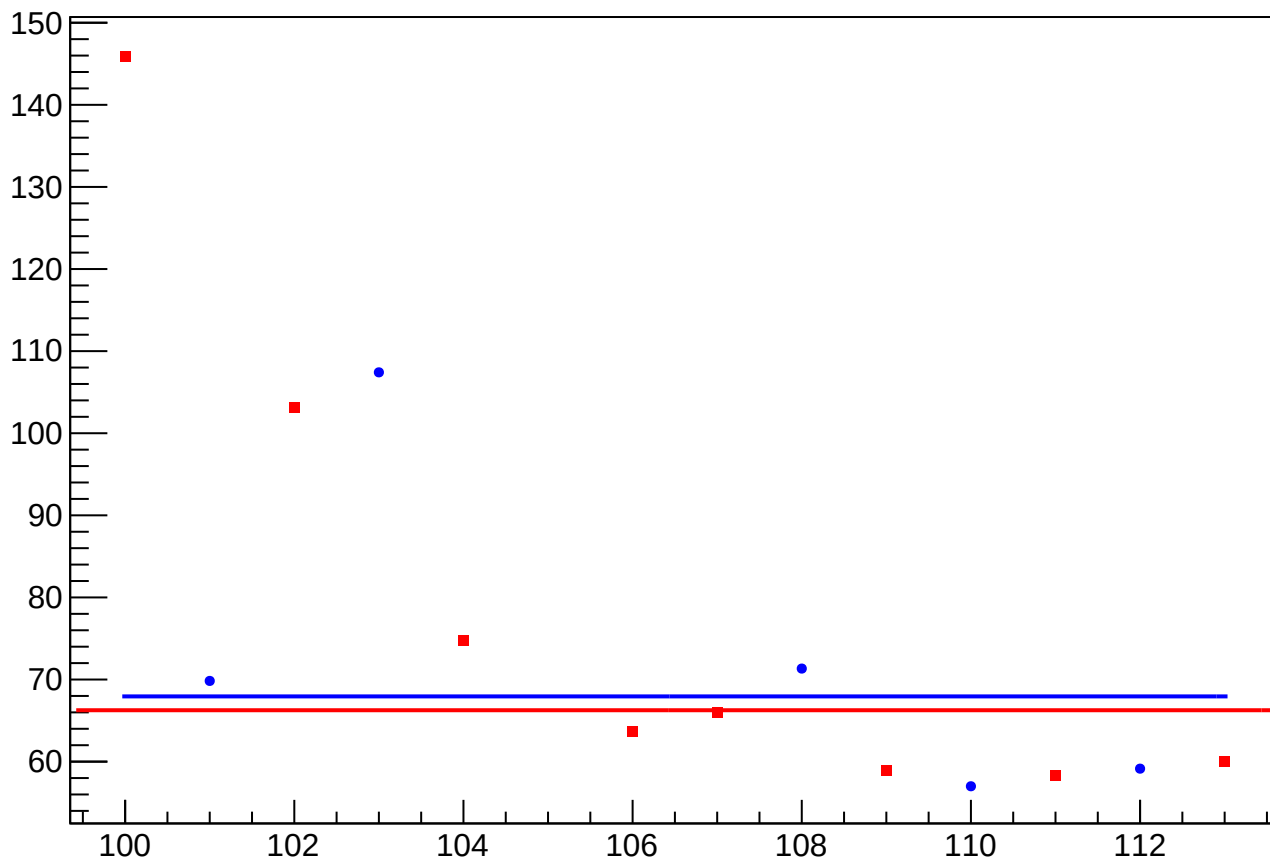
Right: 53.945+/-28.826 χ^2/NDF : 16.7/12

In: 47.023+/-43.956 χ^2/NDF : 5.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.945+/-28.826 χ^2/NDF : 16.7/12

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: 66.260+/-0.027 χ^2/NDF : 261893.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

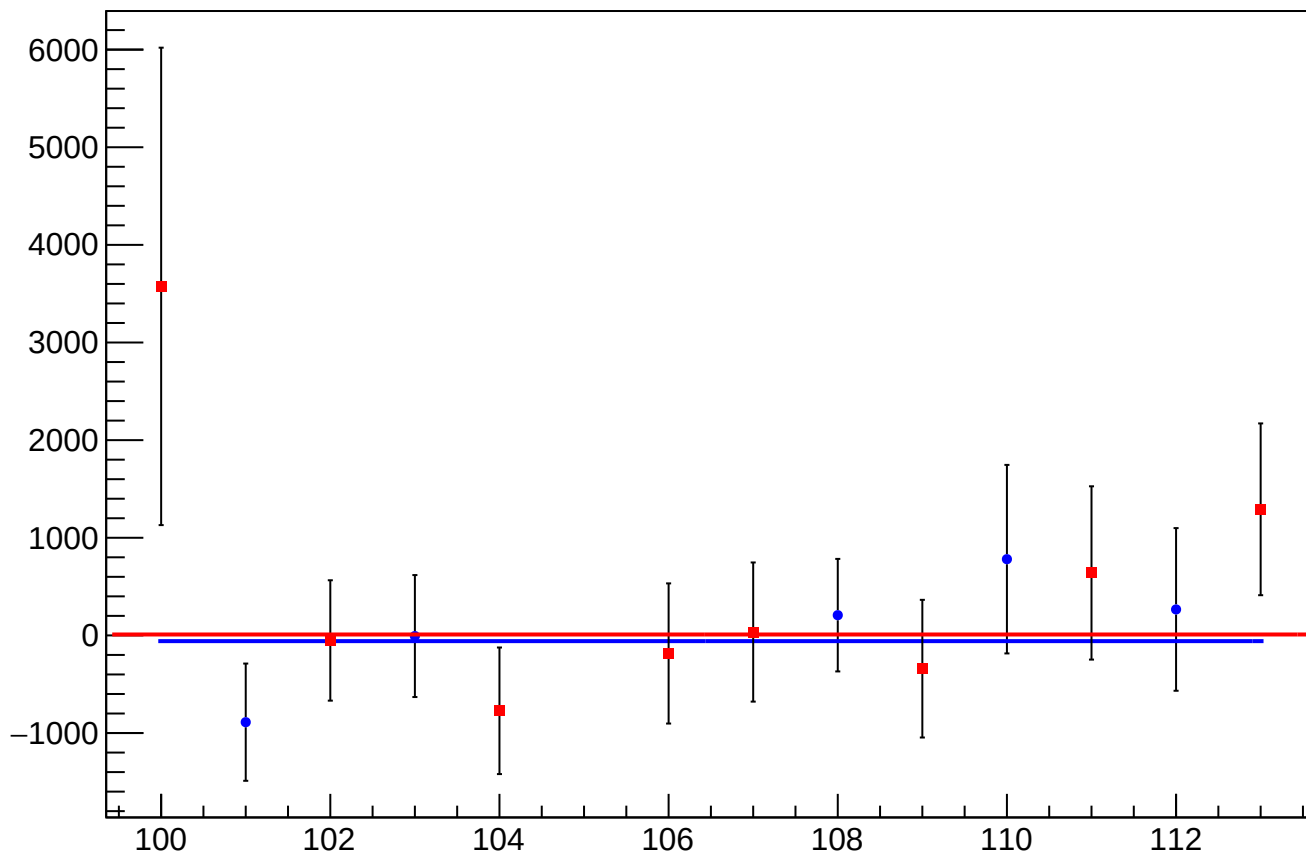
Right: 66.985+/-0.020 χ^2/NDF : 475572.2/12

In: 67.945+/-0.031 χ^2/NDF : 212003.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.985+/-0.020 χ^2/NDF : 475572.2/12

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: 9.434 $\pm$ 270.556 χ^2 /NDF: 6.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

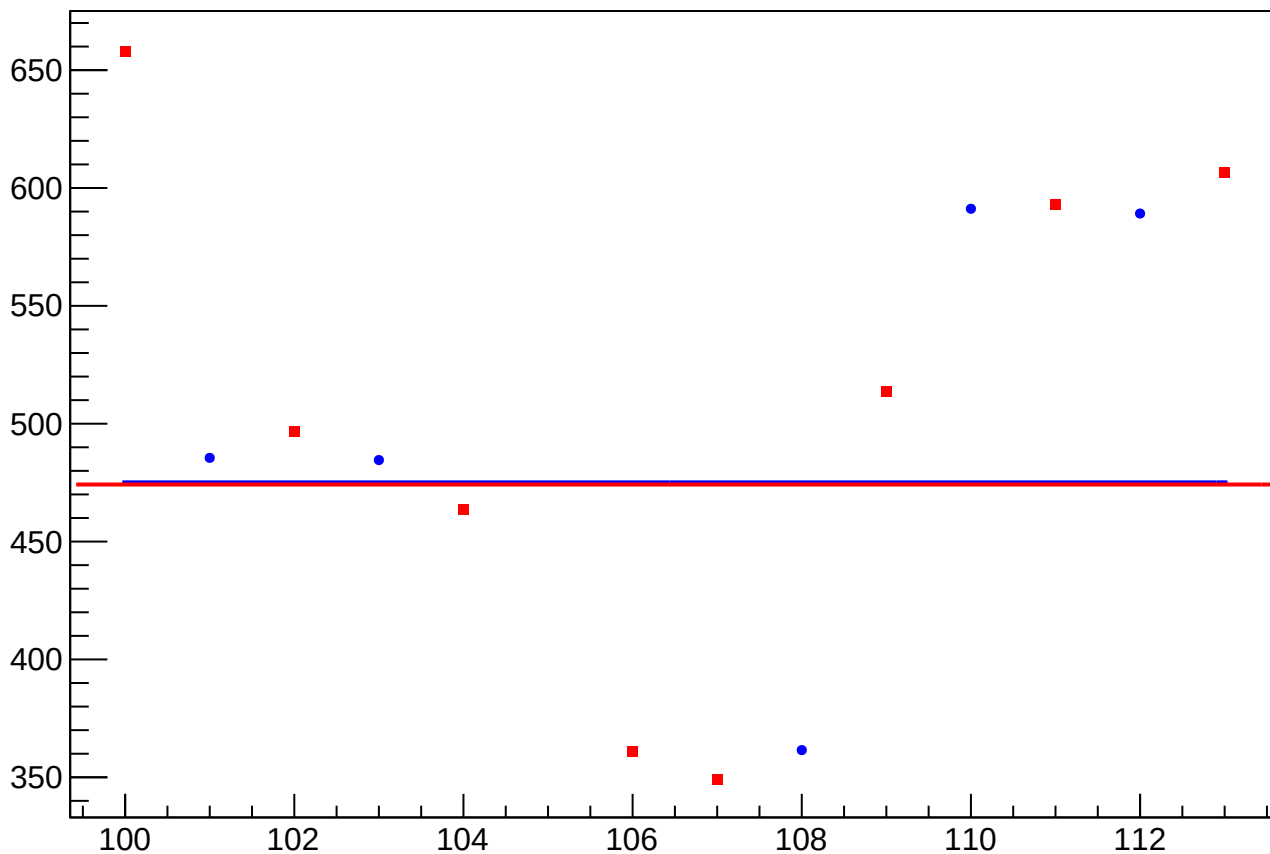
Right: -20.719 $\pm$ 201.936 χ^2 /NDF: 9.6/12

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: -20.719 $\pm$ 201.936 χ^2 /NDF: 9.6/12

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: 474.208+/-0.191 χ^2/NDF : 213614.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

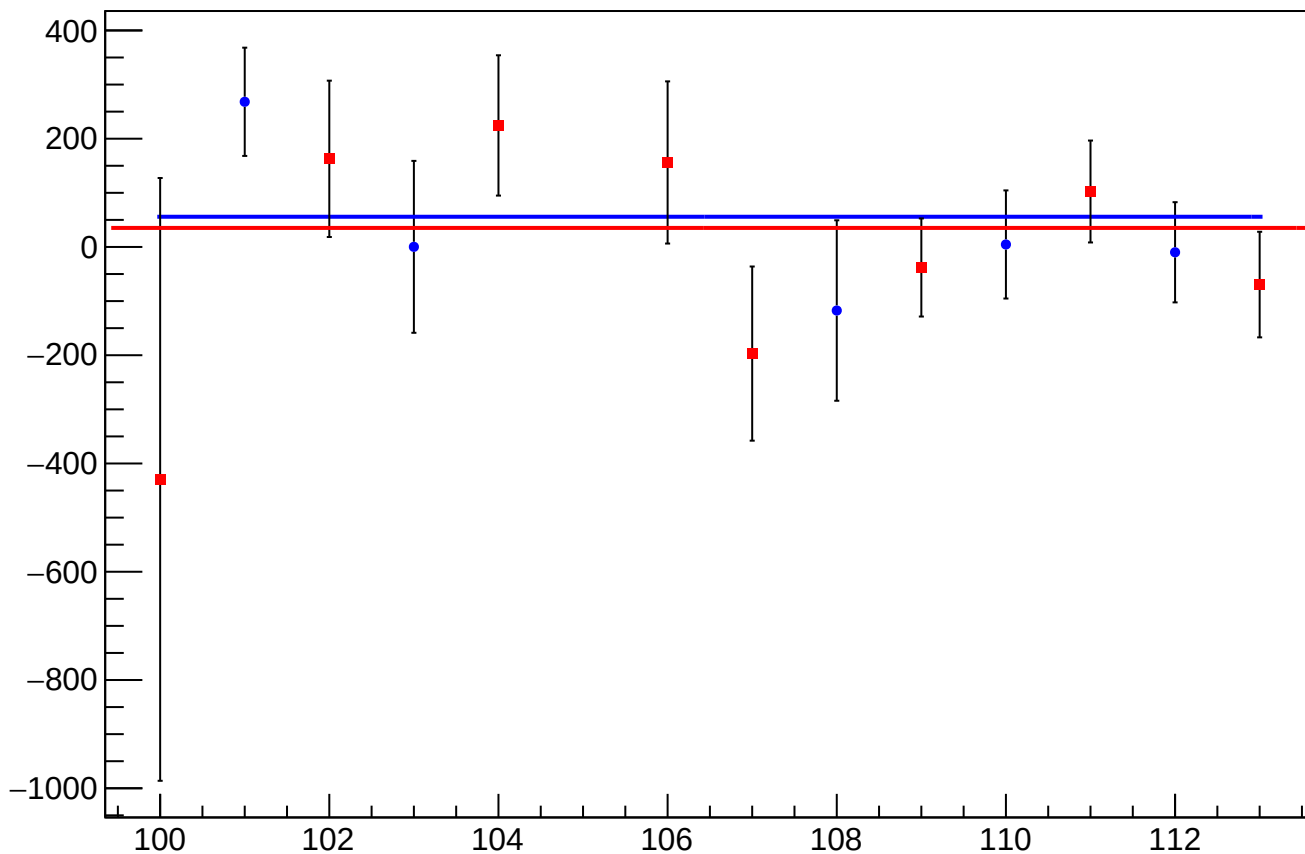
Right: 474.610+/-0.143 χ^2/NDF : 358773.6/12

In: 475.116+/-0.215 χ^2/NDF : 145148.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 474.610+/-0.143 χ^2/NDF : 358773.6/12

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 55.814 $\pm$ 50.468 χ^2 /NDF: 6.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 35.171 $\pm$ 43.287 χ^2 /NDF: 8.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

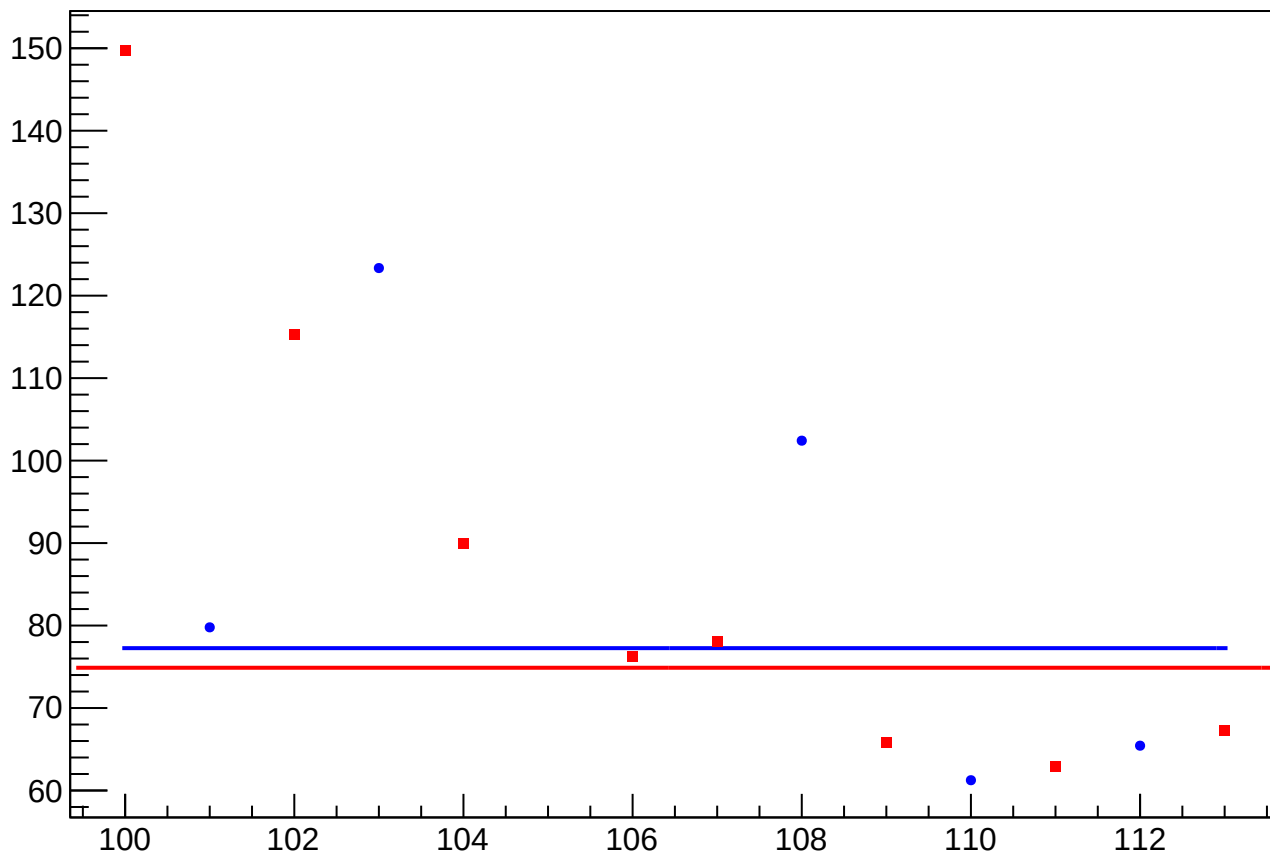
Right: 43.921 $\pm$ 32.857 χ^2 /NDF: 15.2/12

In: 55.814 $\pm$ 50.468 χ^2 /NDF: 6.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 43.921 $\pm$ 32.857 χ^2 /NDF: 15.2/12

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 77.260+/-0.036 χ^2/NDF : 299366.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.883+/-0.031 χ^2/NDF : 285163.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

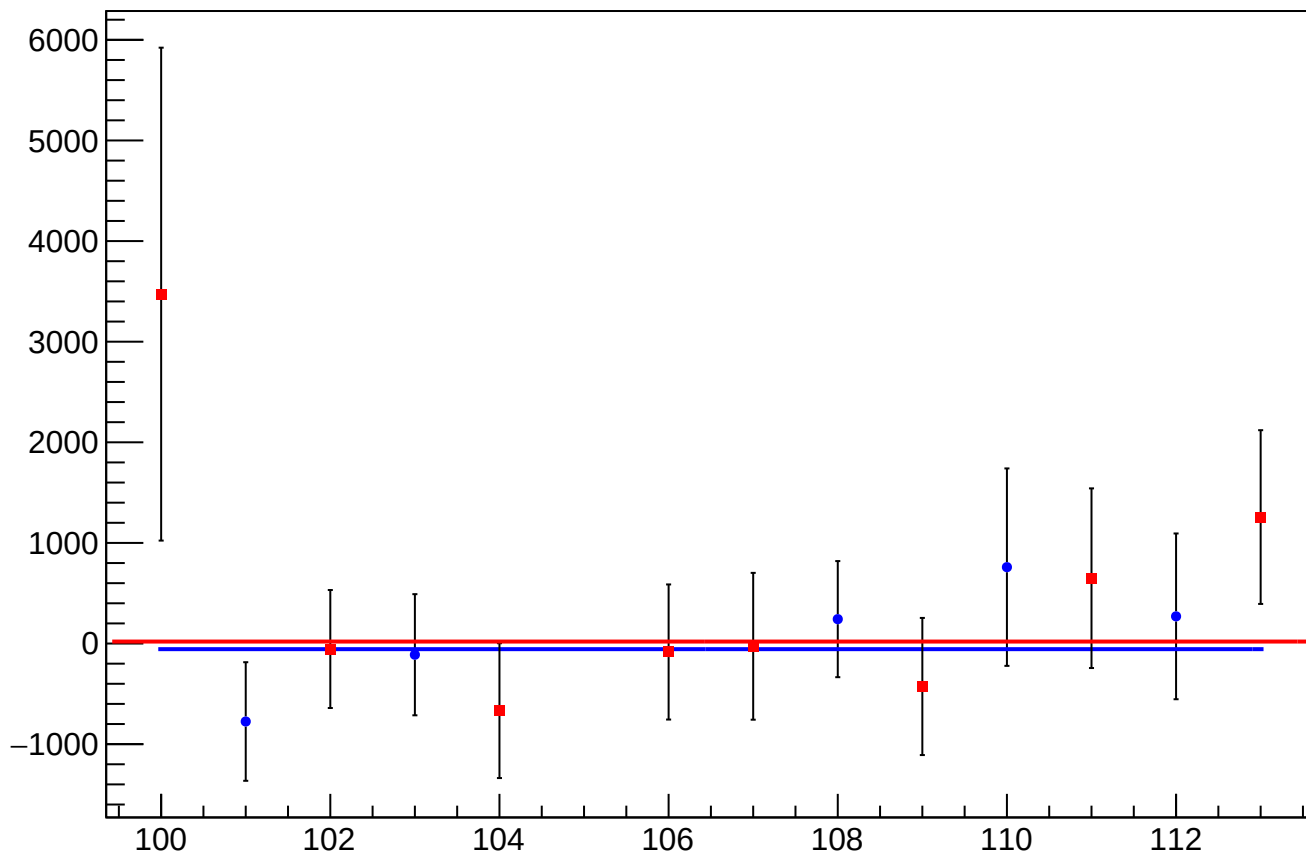
Right: 75.890+/-0.023 χ^2/NDF : 587086.4/12

In: 77.260+/-0.036 χ^2/NDF : 299366.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.890+/-0.023 χ^2/NDF : 587086.4/12

asym_sam_13_57_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -55.872 $\pm$ 299.414 χ^2 /NDF: 2.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 19.701 $\pm$ 265.854 χ^2 /NDF: 6.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

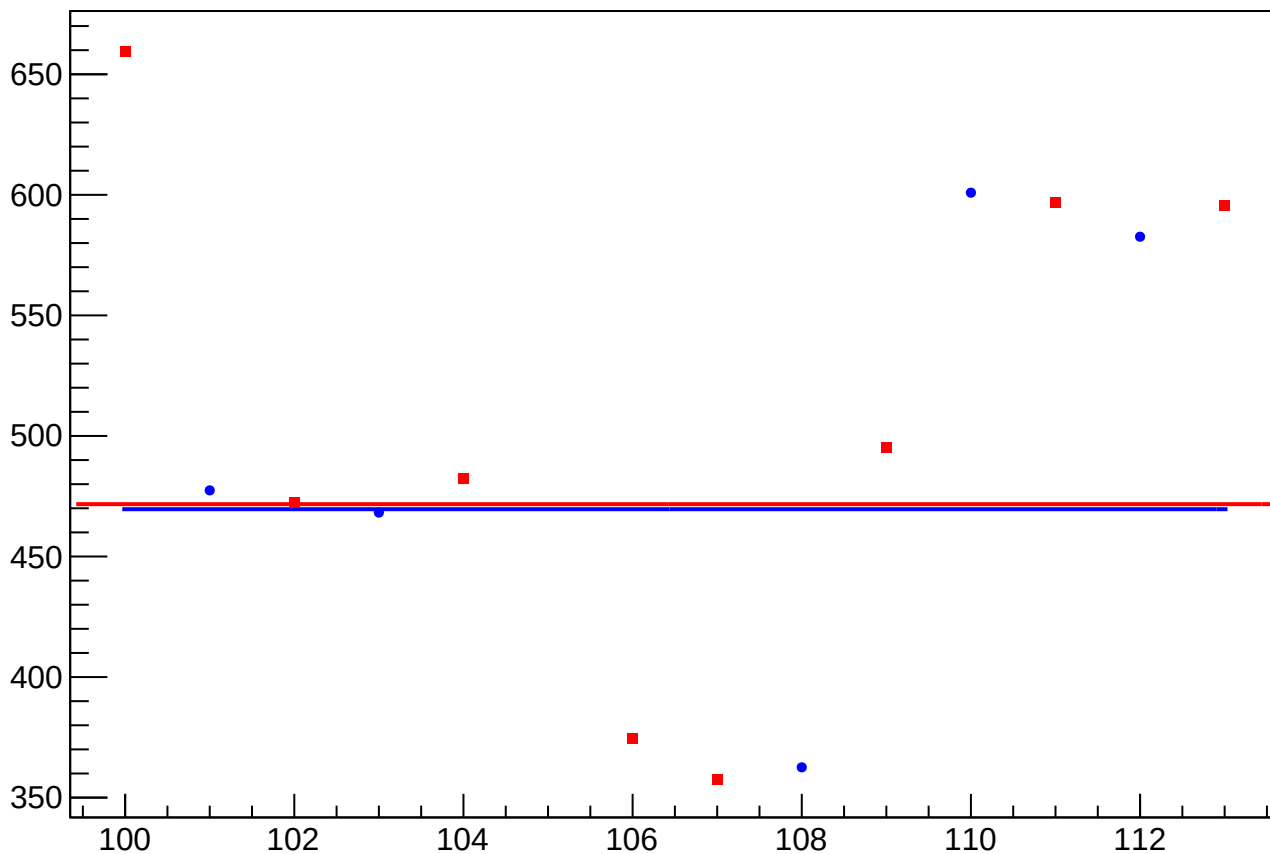
Right: -13.615 $\pm$ 198.798 χ^2 /NDF: 8.7/12

In: -55.872 $\pm$ 299.414 χ^2 /NDF: 2.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -13.615 $\pm$ 198.798 χ^2 /NDF: 8.7/12

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: 471.711 $\pm$ 0.188 χ^2 /NDF: 185875.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

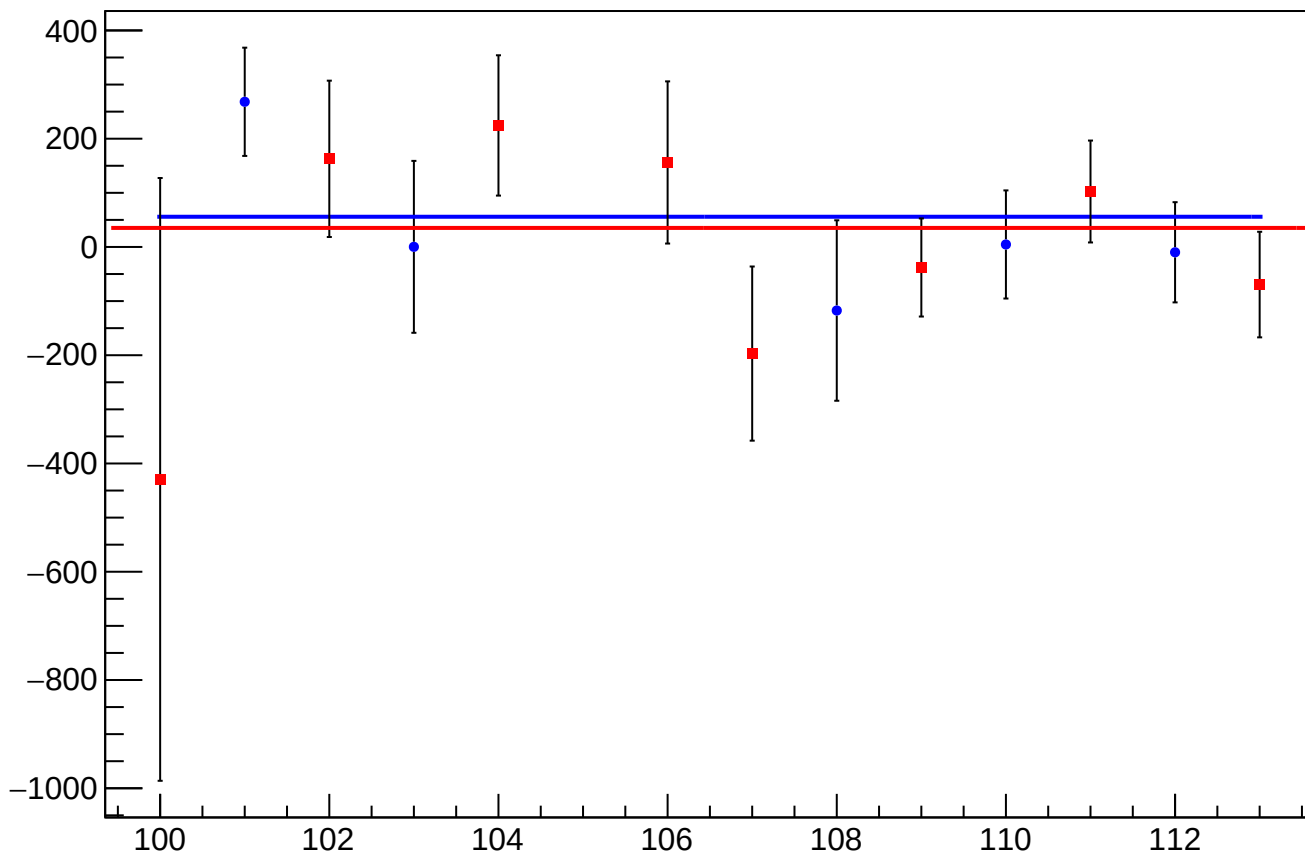
Right: 470.788 $\pm$ 0.141 χ^2 /NDF: 328588.7/12

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: 470.788 $\pm$ 0.141 χ^2 /NDF: 328588.7/12

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: 35.171+/-43.287 χ^2/NDF : 8.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

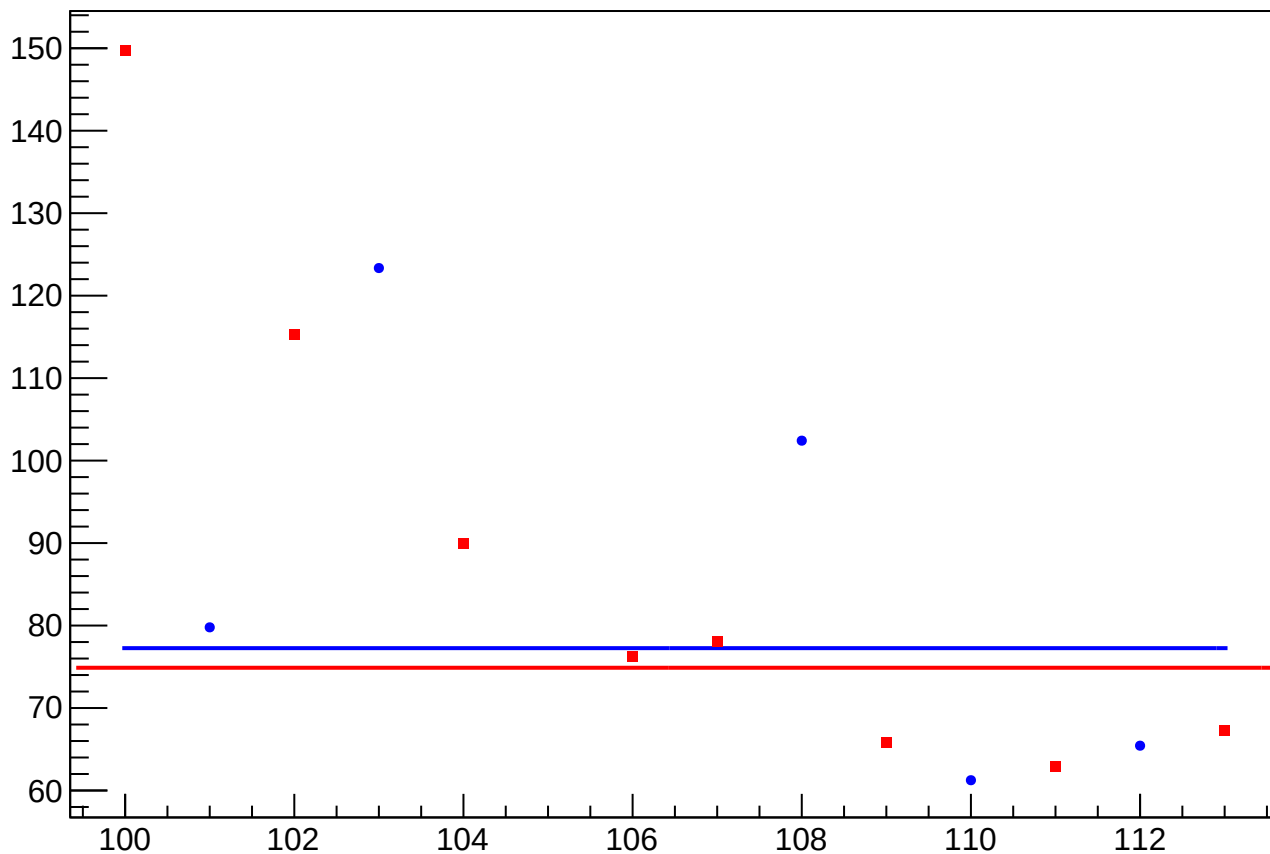
Right: 43.921+/-32.857 χ^2/NDF : 15.2/12

In: 55.816+/-50.468 χ^2/NDF : 6.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.921+/-32.857 χ^2/NDF : 15.2/12

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: 74.883+/-0.031 χ^2/NDF : 285164.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

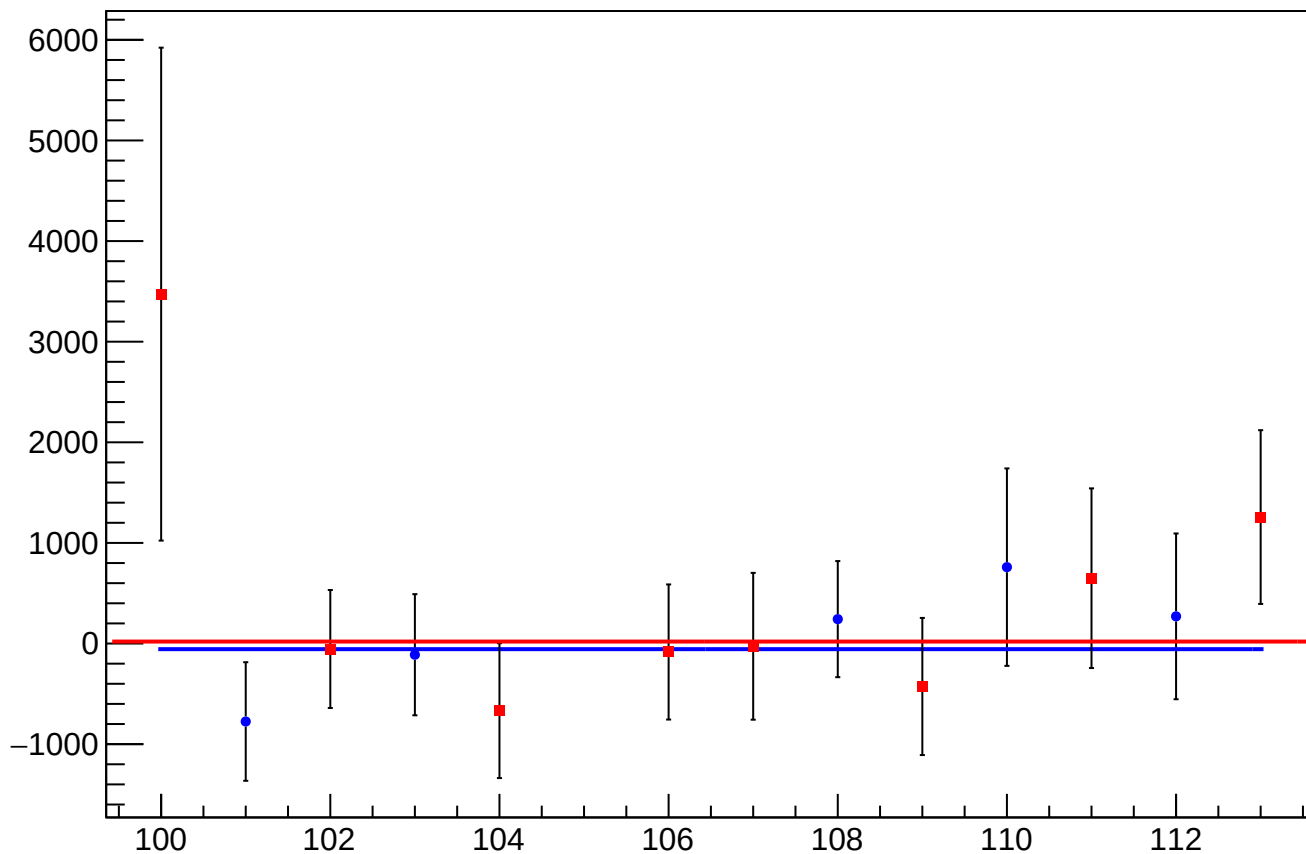
Right: 75.890+/-0.023 χ^2/NDF : 587093.2/12

In: 77.260+/-0.036 χ^2/NDF : 299372.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.890+/-0.023 χ^2/NDF : 587093.2/12

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: 19.700 $\pm$ 265.854 χ^2 /NDF: 6.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

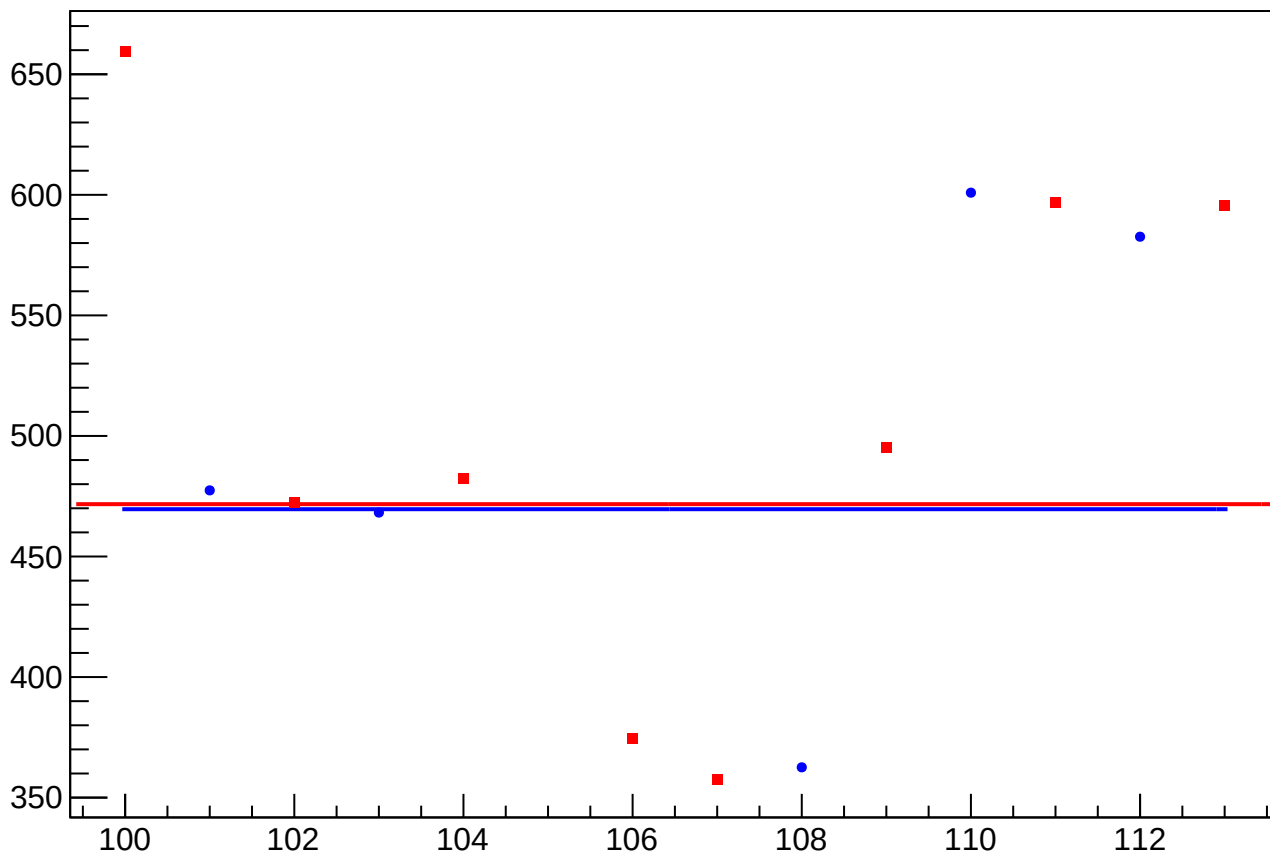
Right: -13.615 $\pm$ 198.798 χ^2 /NDF: 8.7/12

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: -13.615 $\pm$ 198.798 χ^2 /NDF: 8.7/12

asym_sam_13_57_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 469.616 $\pm$ 0.212 χ^2 /NDF: 142659.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 471.710 $\pm$ 0.188 χ^2 /NDF: 185874.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

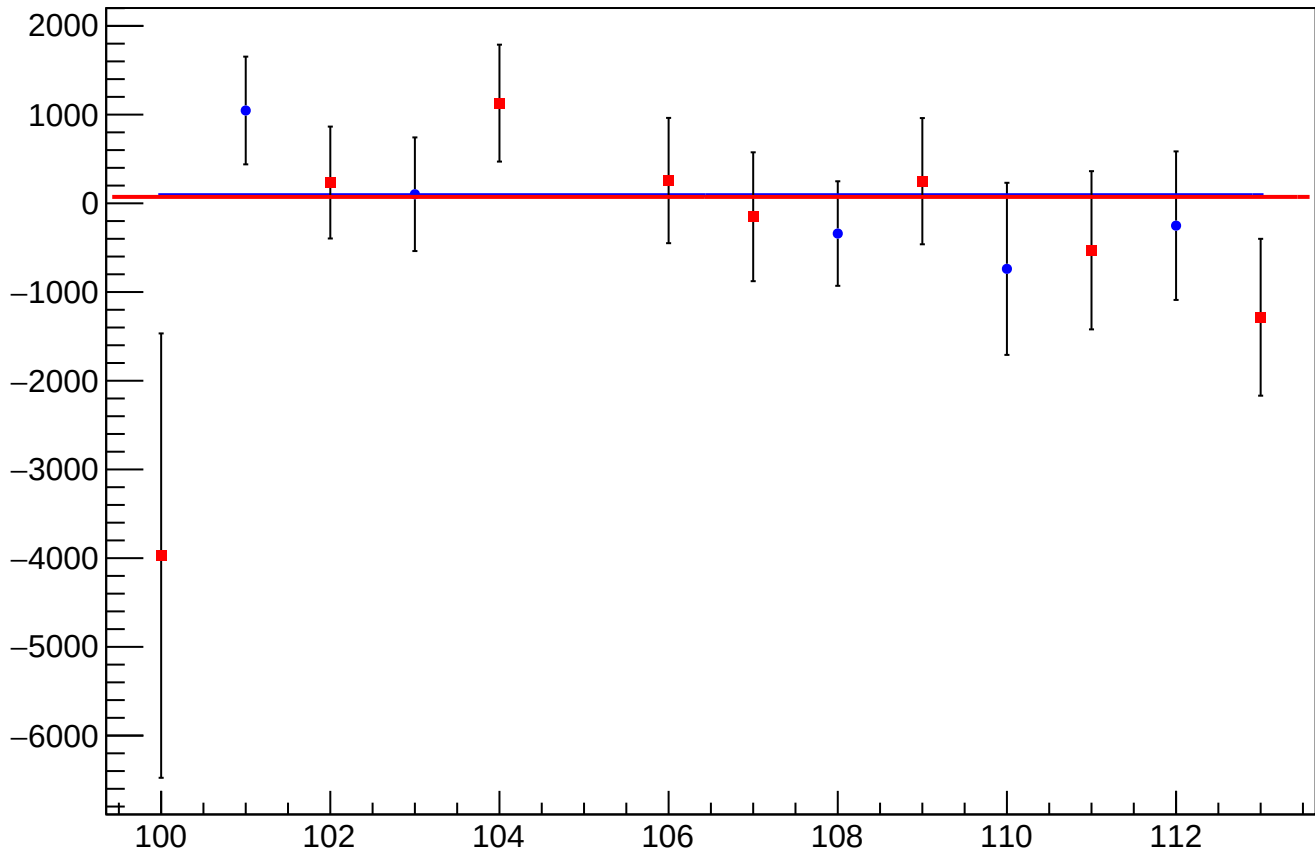
Right: 470.787 $\pm$ 0.141 χ^2 /NDF: 328588.9/12

In: 469.616 $\pm$ 0.212 χ^2 /NDF:142659.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 470.787 $\pm$ 0.141 χ^2 /NDF: 328588.9/12

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: 72.375+/-273.292 χ^2/NDF : 8.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

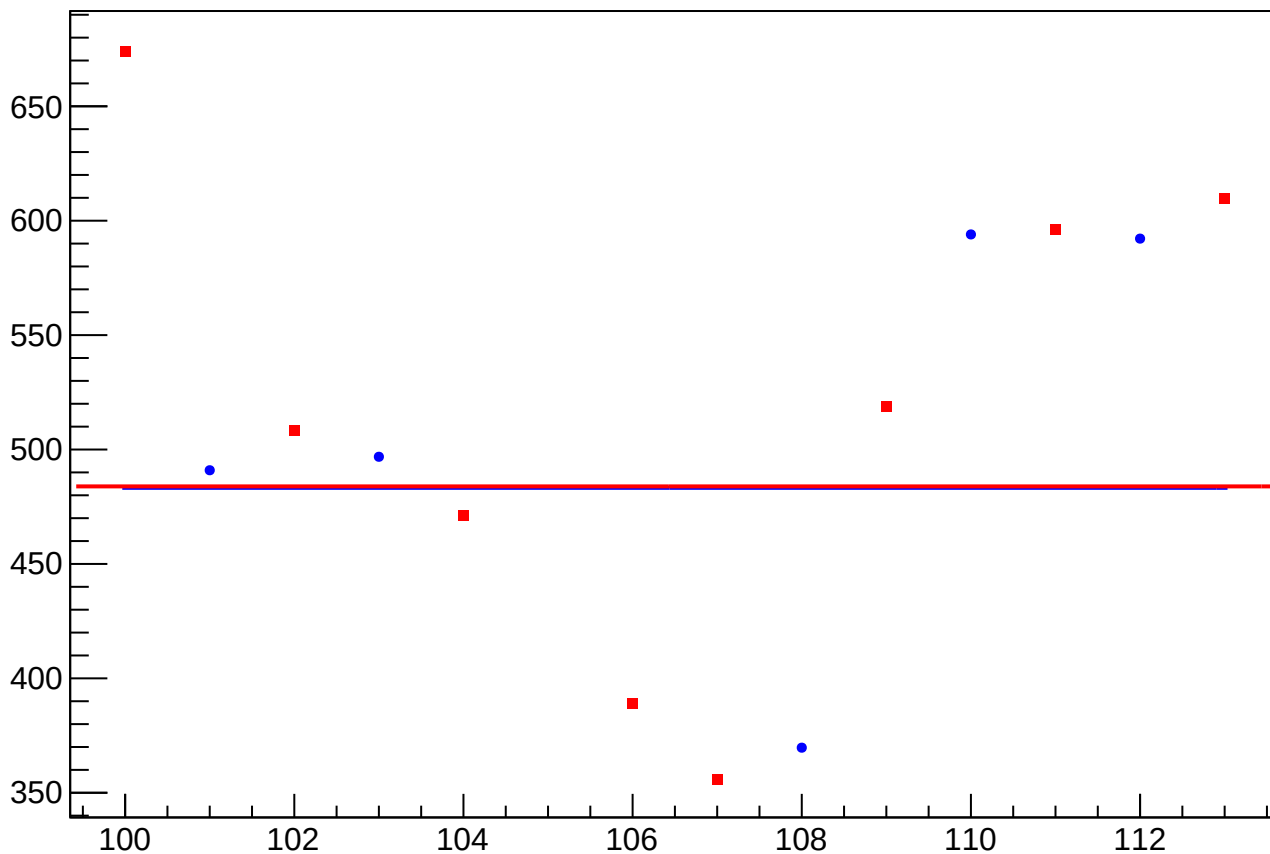
Right: 80.804+/-204.520 χ^2/NDF : 12.2/12

In: 91.534+/-308.340 χ^2/NDF : 3.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.804+/-204.520 χ^2/NDF : 12.2/12

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: 483.889+/-0.193 χ^2/NDF : 190616.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

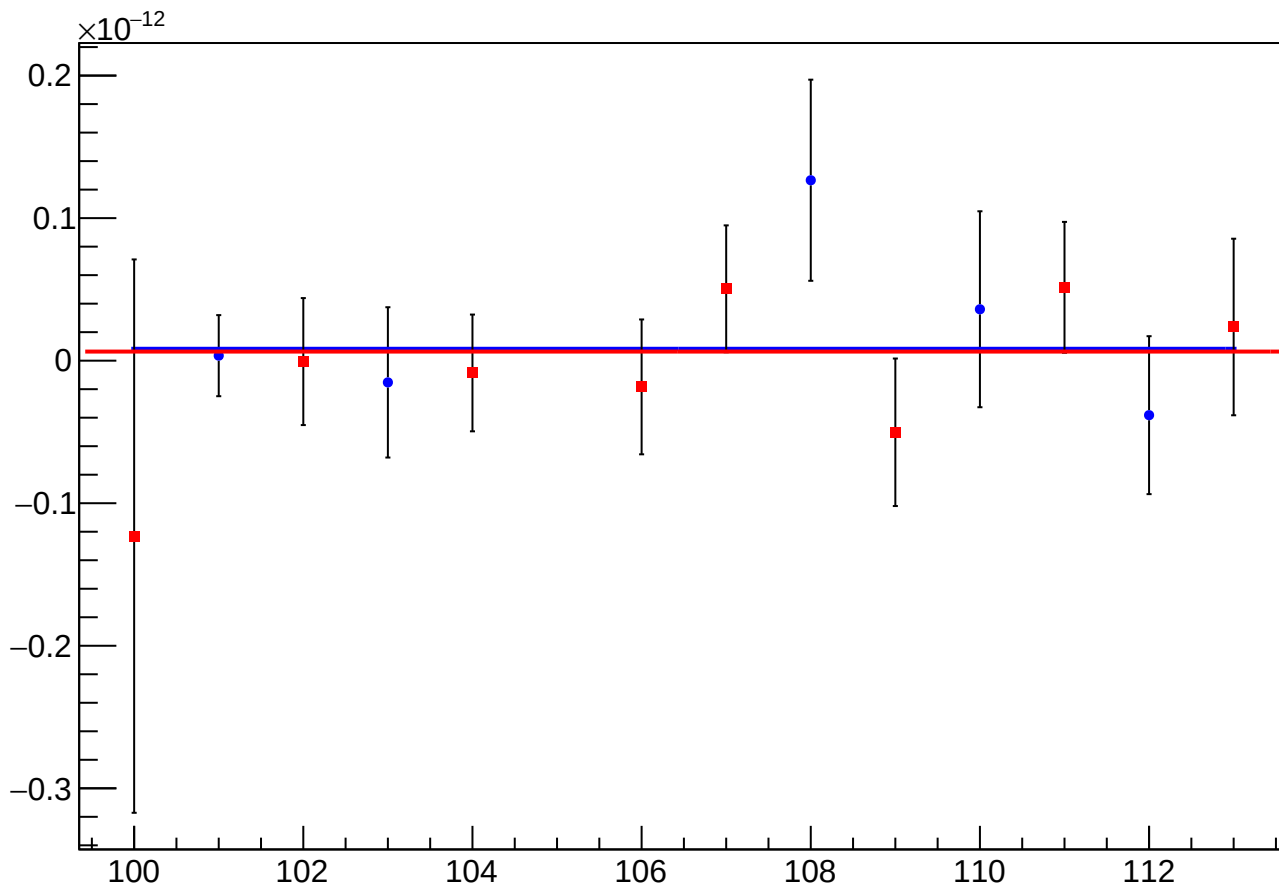
Right: 483.614+/-0.145 χ^2/NDF : 326003.4/12

In: 483.264+/-0.218 χ^2/NDF : 135382.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 483.614+/-0.145 χ^2/NDF : 326003.4/12

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 : 4.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

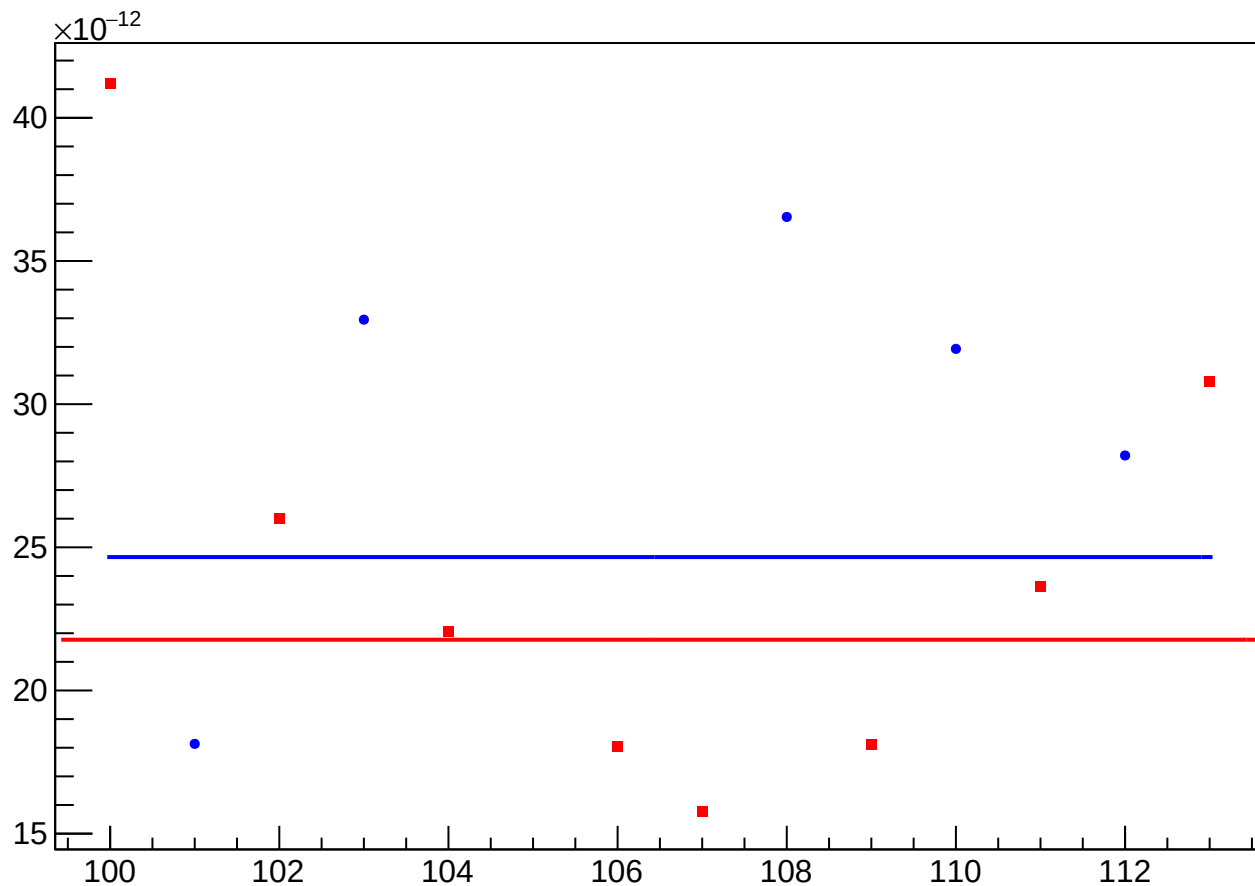
Right: 0.000+/-0.000 χ^2/NDF : 8.0/12

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 : 8.0/12

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 : 142640.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

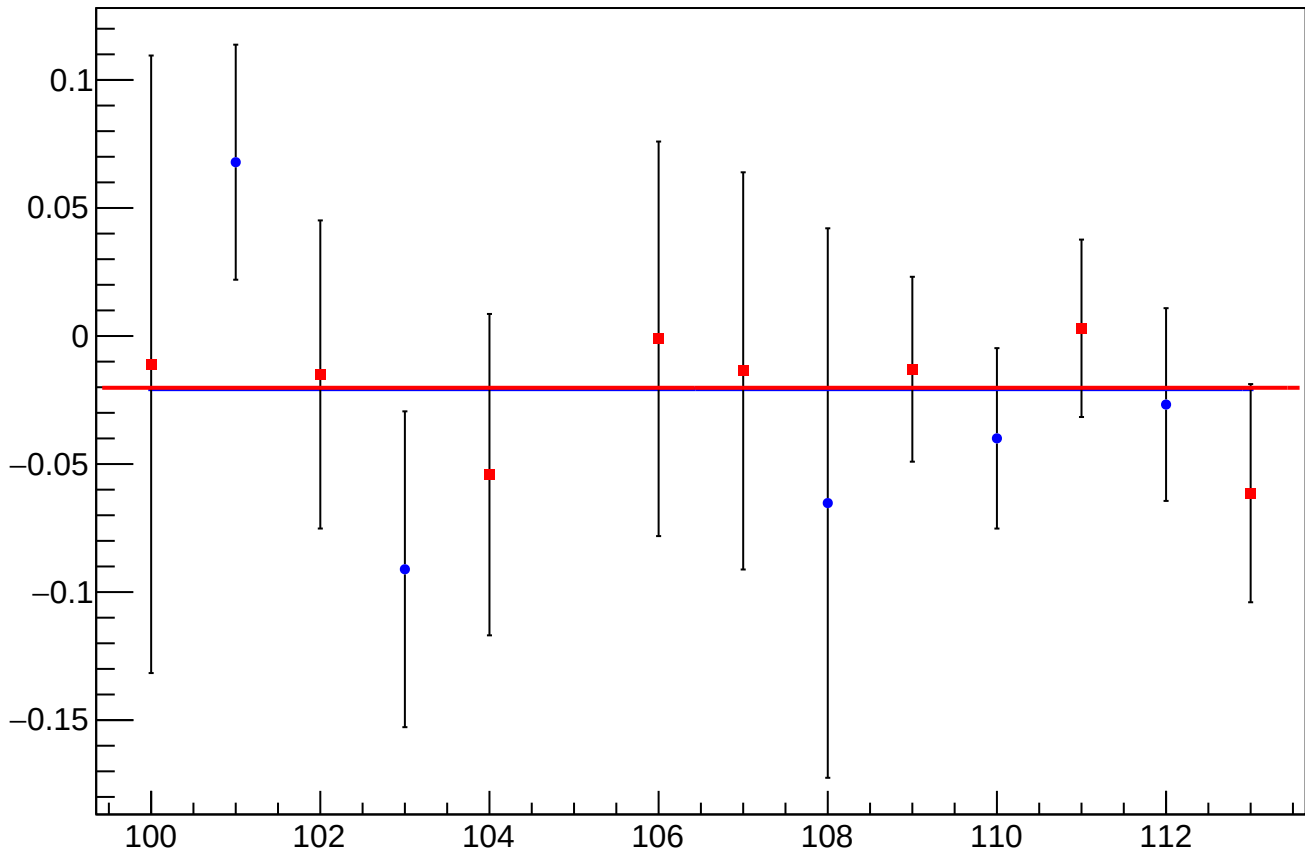
Right: 0.000+/-0.000 χ^2/NDF : 407039.7/12

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 : 407039.7/12

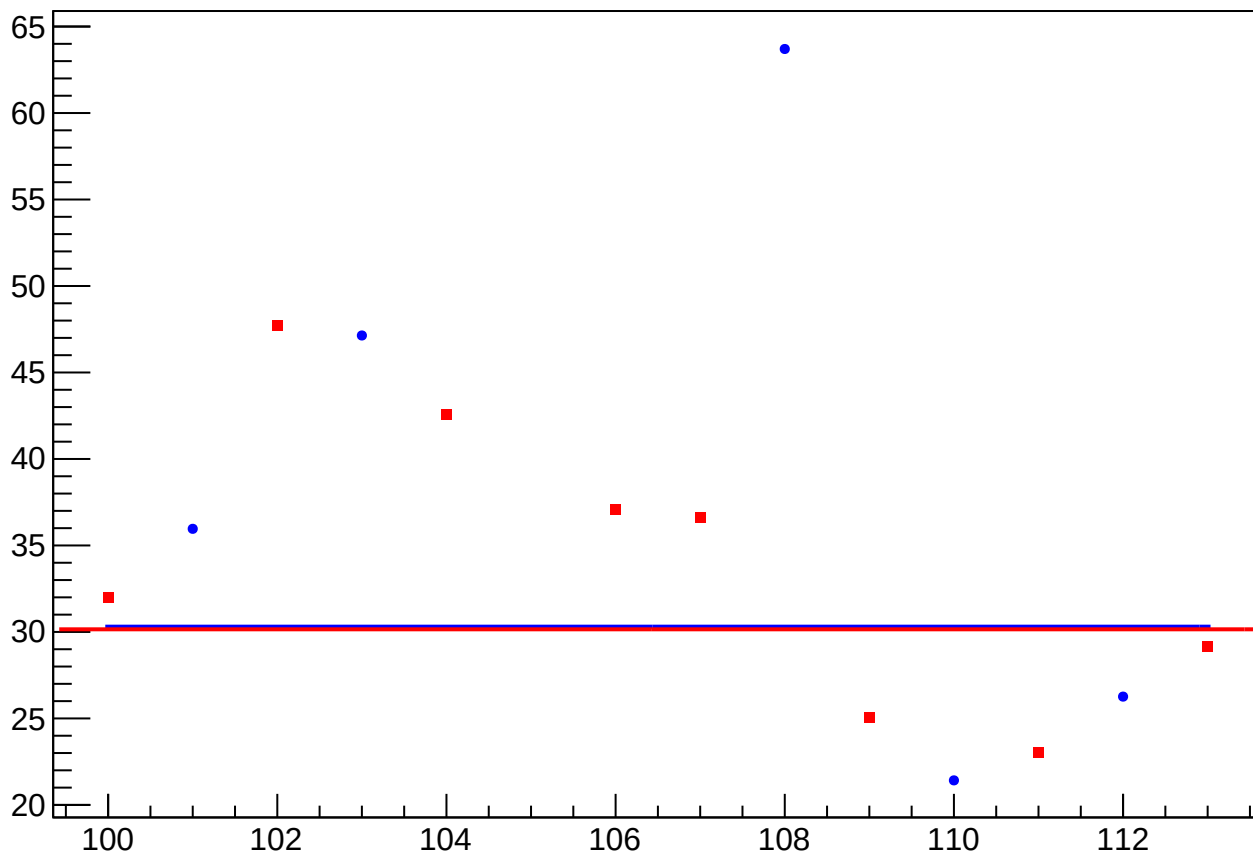
asym_sam_13_57_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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: -0.020 $\pm$ 0.018 χ^2 /NDF: 1.8/7
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.020 $\pm$ 0.014 χ^2 /NDF: 7.3/12
 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: -0.020 $\pm$ 0.014 χ^2 /NDF: 7.3/12

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: 30.152+/-0.013 χ^2/NDF : 405255.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

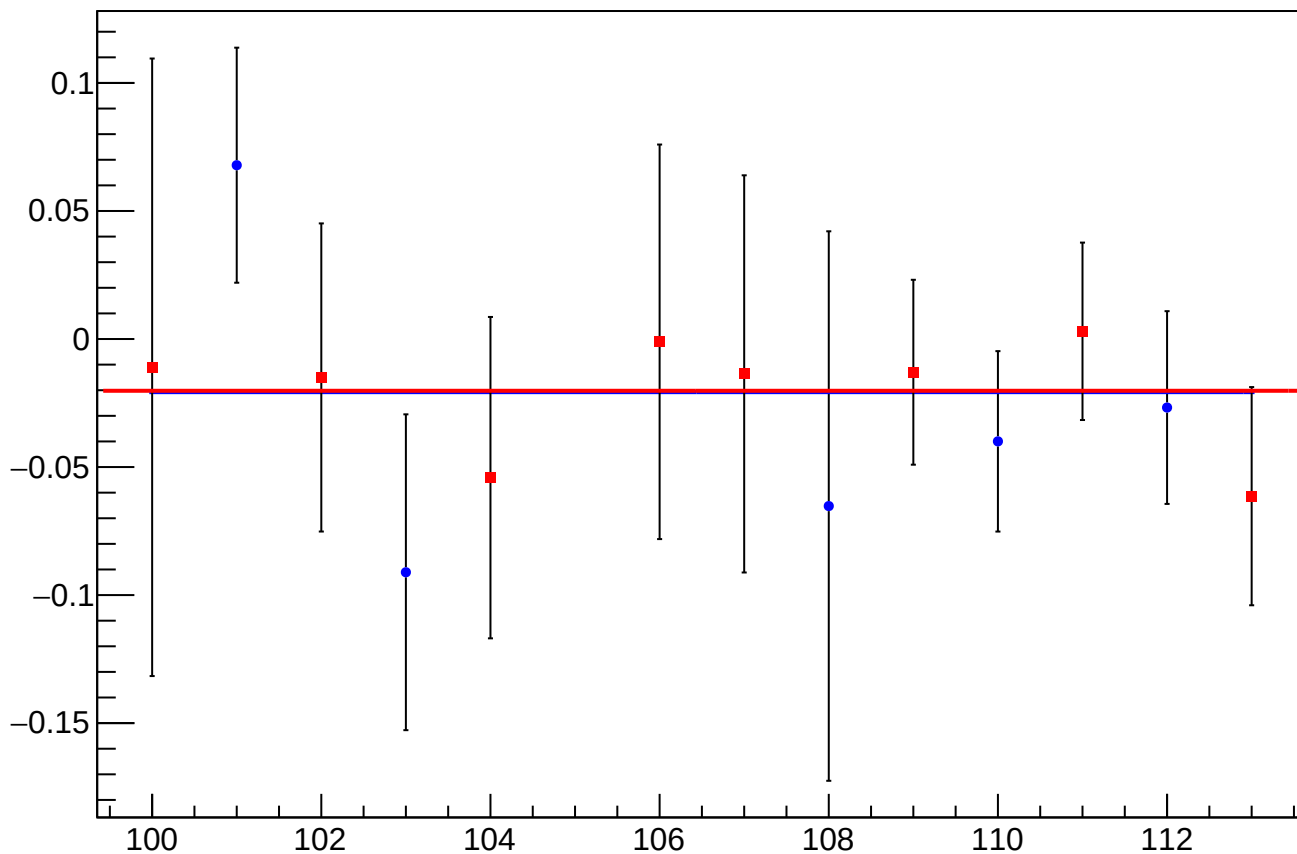
Right: 30.218+/-0.010 χ^2/NDF : 928807.0/12

In: 30.305+/-0.015 χ^2/NDF : 523489.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.218+/-0.010 χ^2/NDF : 928807.0/12

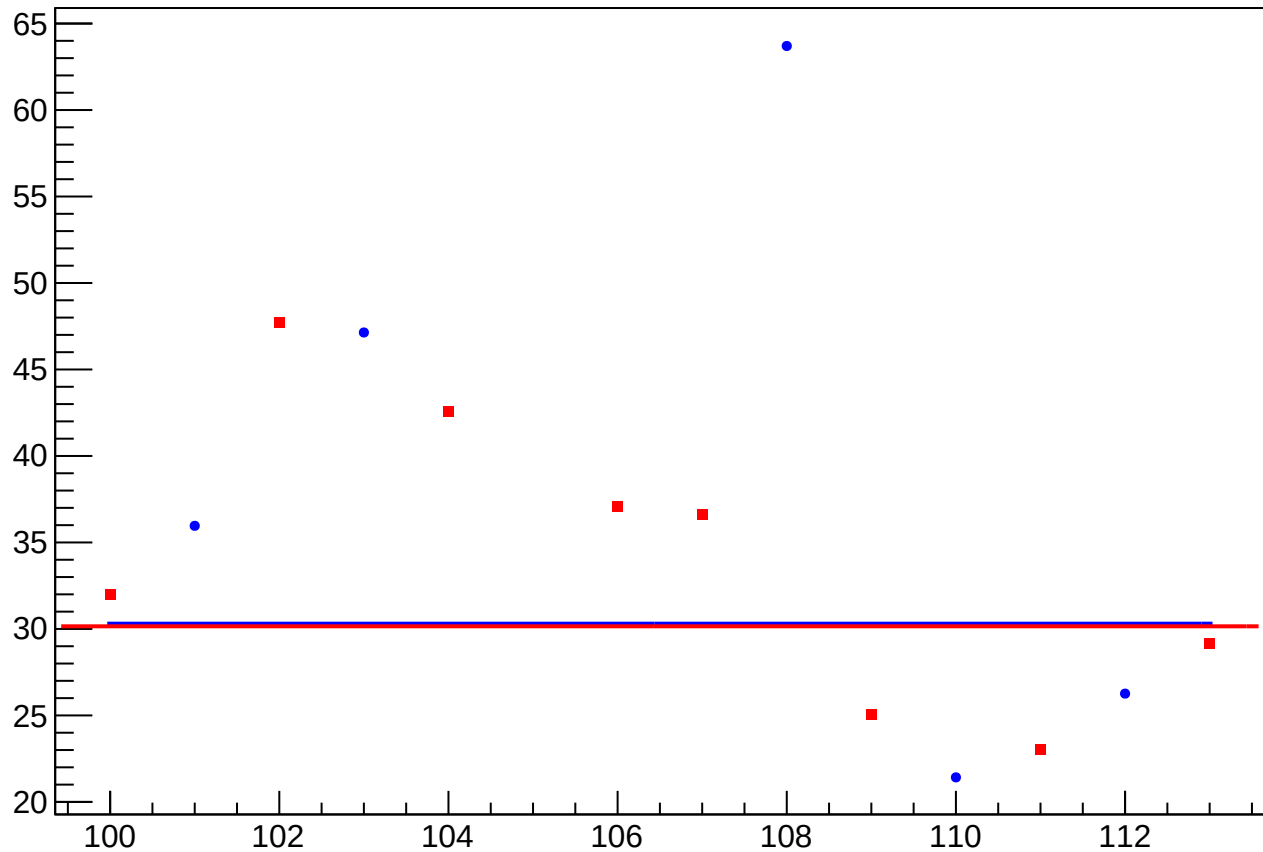
asym_sam_13_57_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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: -0.020+/-0.018 χ^2/NDF : 1.8/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.020+/-0.014 χ^2/NDF : 7.3/12
 In: -0.021+/-0.021 χ^2/NDF : 5.5/4
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.020+/-0.014 χ^2/NDF : 7.3/12

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: 30.152+/-0.013 χ^2/NDF : 405255.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

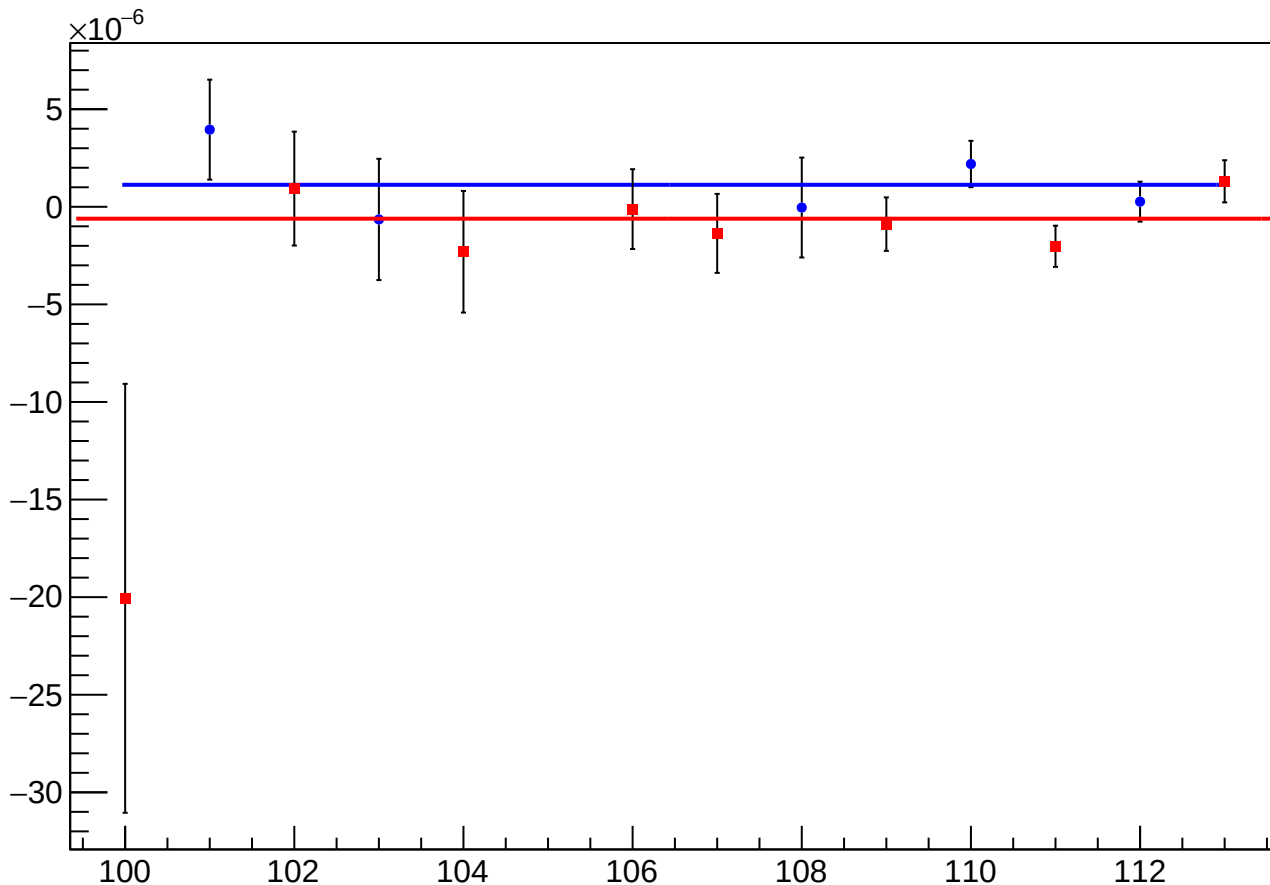
Right: 30.218+/-0.010 χ^2/NDF : 928807.0/12

In: 30.305+/-0.015 χ^2/NDF : 523489.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.218+/-0.010 χ^2/NDF : 928807.0/12

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 : 8.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

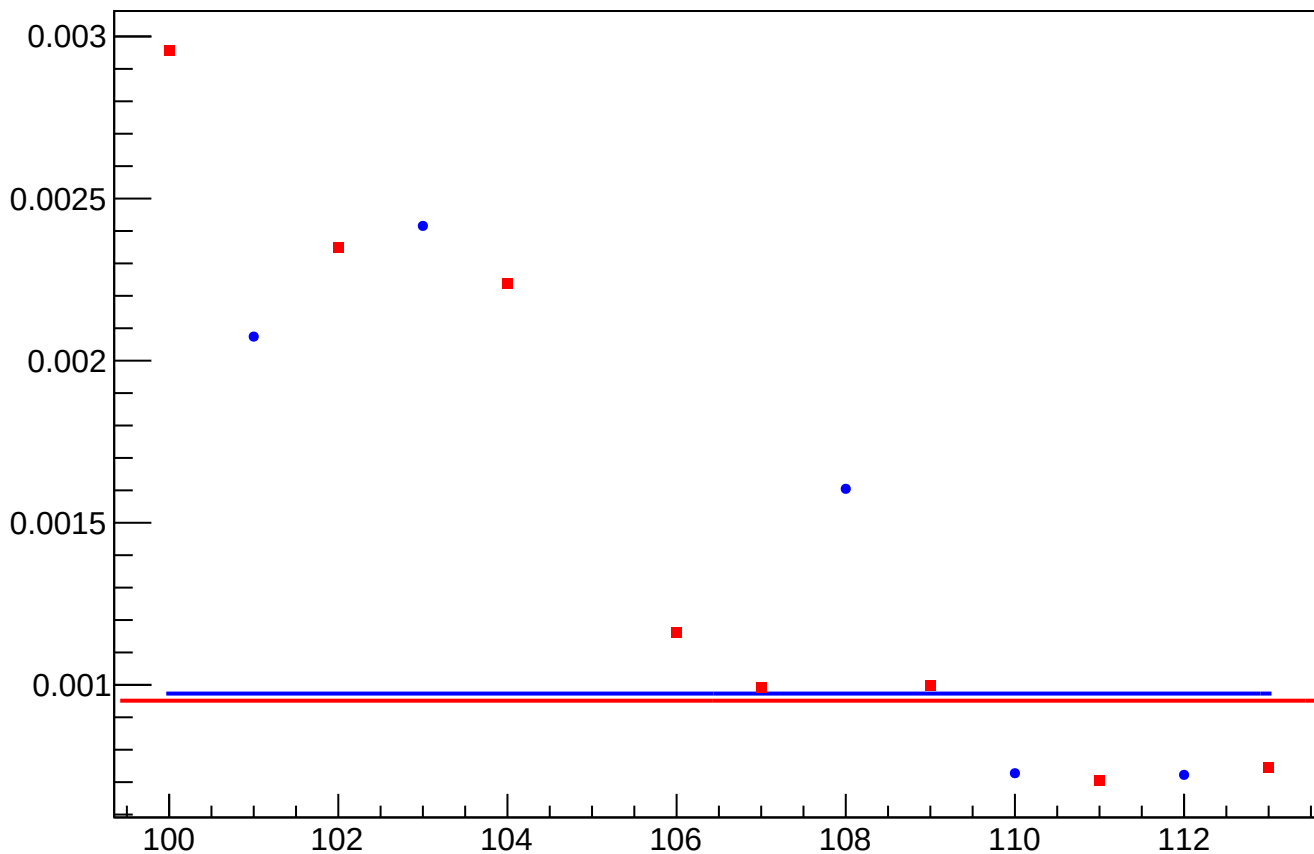
Right: 0.000+/-0.000 χ^2/NDF : 15.8/12

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 : 15.8/12

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 : 1074178.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

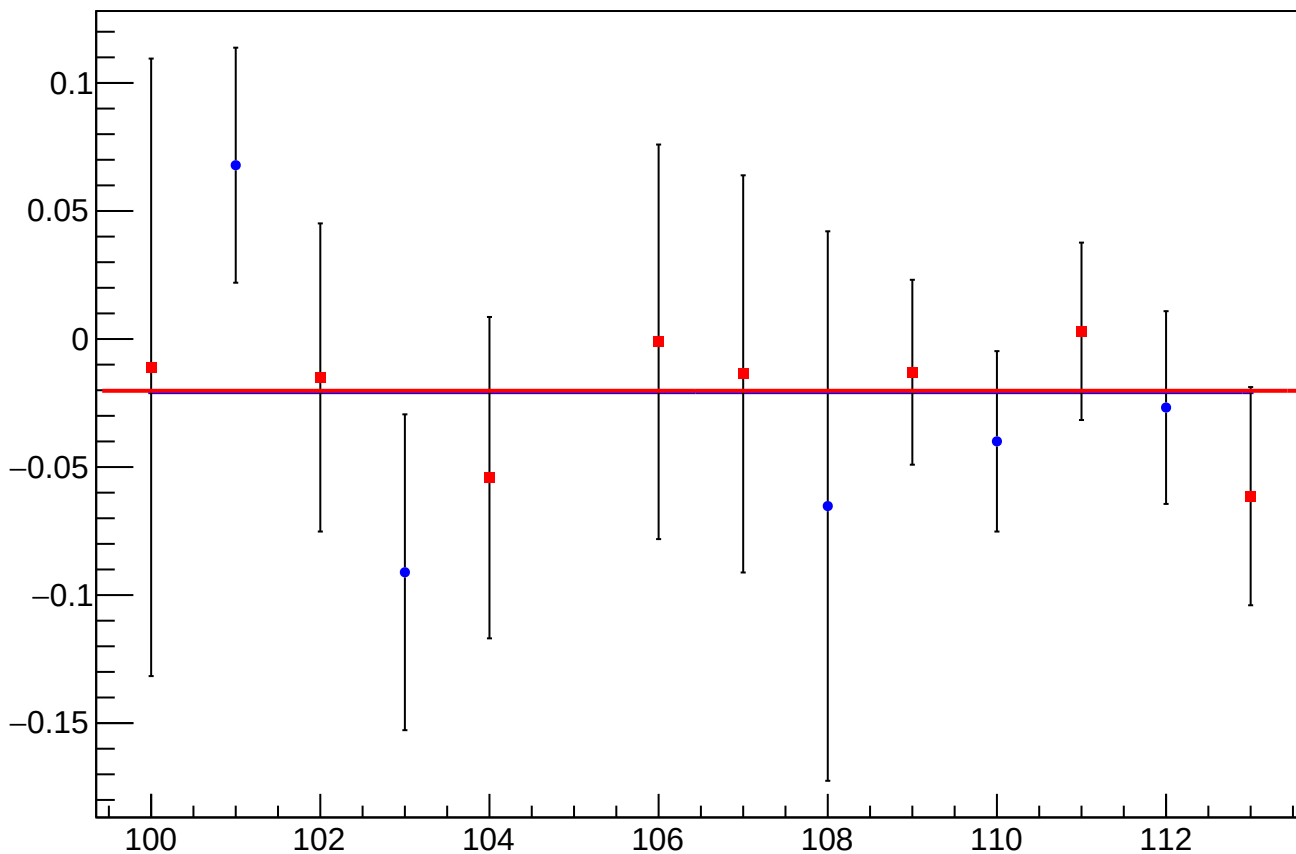
Right: 0.001+/-0.000 χ^2/NDF : 2204008.5/12

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 : 2204008.5/12

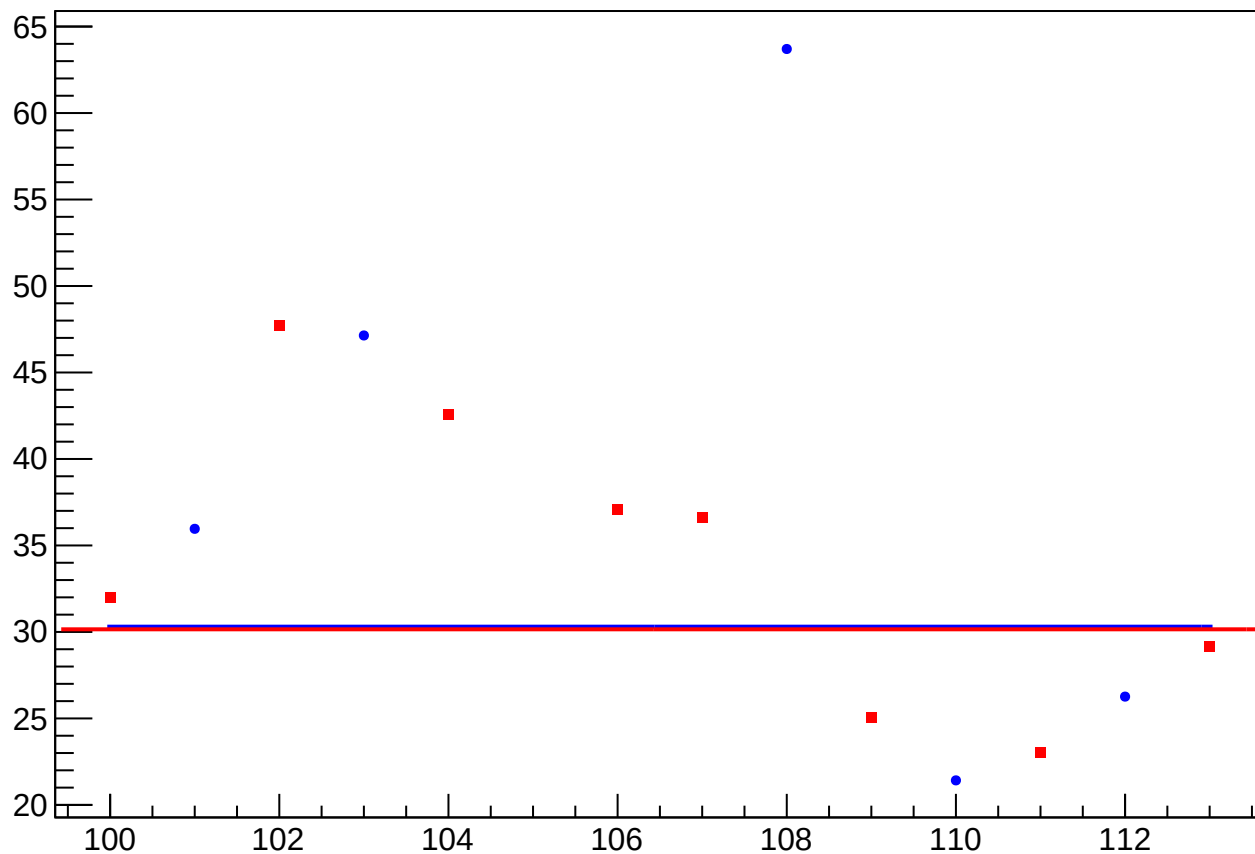
asym_sam_13_57_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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: -0.020+/-0.018 χ^2/NDF : 1.8/7
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.020+/-0.014 χ^2/NDF : 7.3/12
 In: -0.021+/-0.021 χ^2/NDF :5.5/4
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -0.020+/-0.014 χ^2/NDF : 7.3/12

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: 30.152+/-0.013 χ^2/NDF : 405263.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

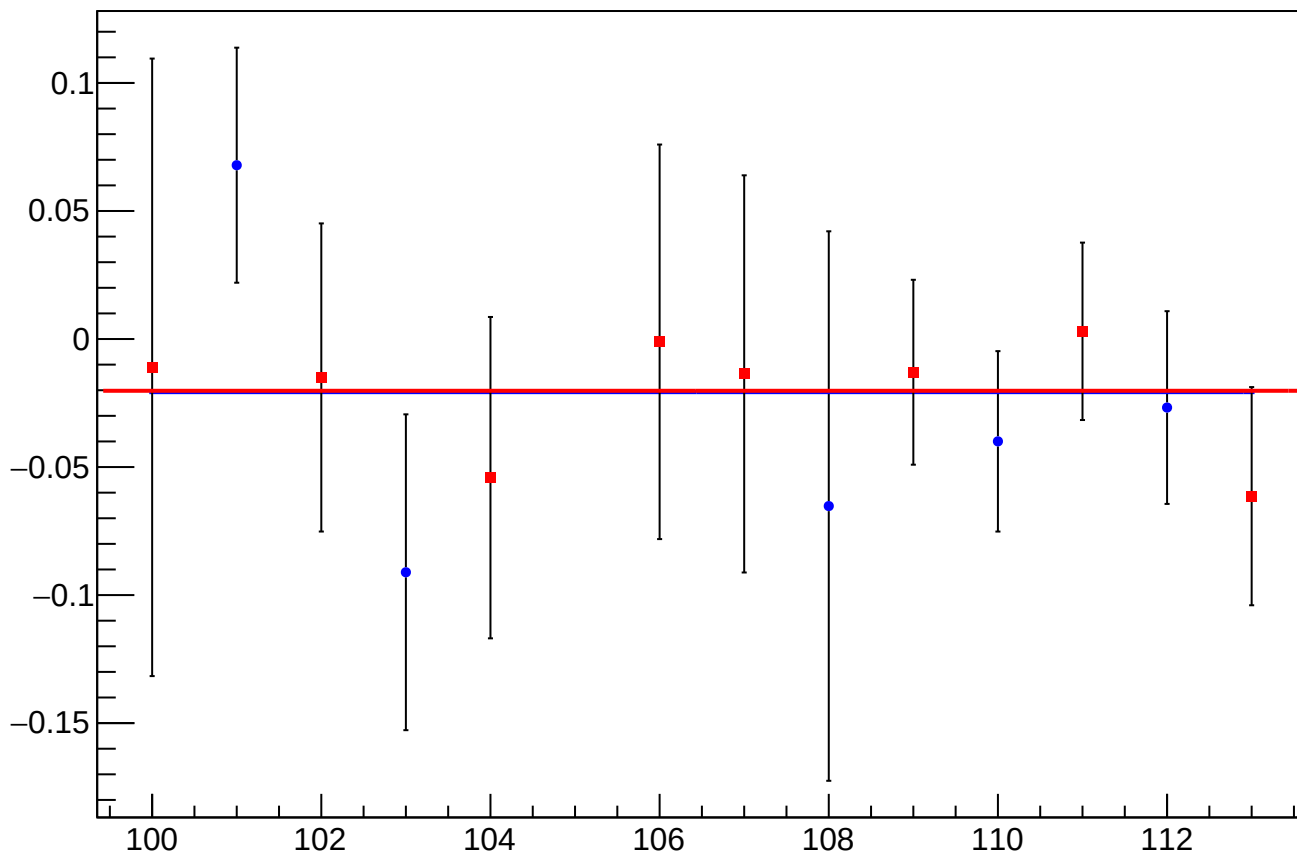
Right: 30.218+/-0.010 χ^2/NDF : 928846.4/12

In: 30.305+/-0.015 χ^2/NDF : 523521.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.218+/-0.010 χ^2/NDF : 928846.4/12

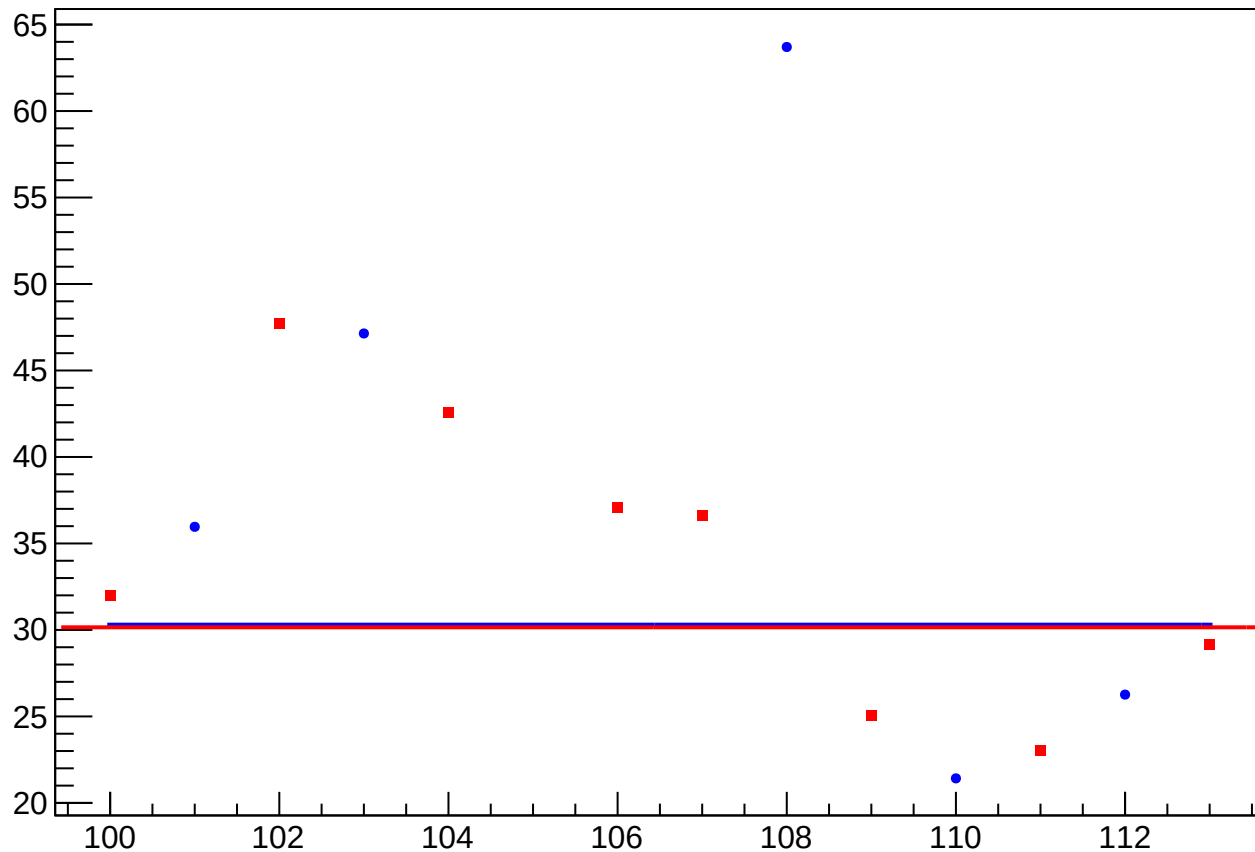
asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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: -0.020+/-0.018 χ^2/NDF : 1.8/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.020+/-0.014 χ^2/NDF : 7.3/12
 In: -0.021+/-0.021 χ^2/NDF : 5.5/4
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.020+/-0.014 χ^2/NDF : 7.3/12

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: 30.152+/-0.013 χ^2/NDF : 405263.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

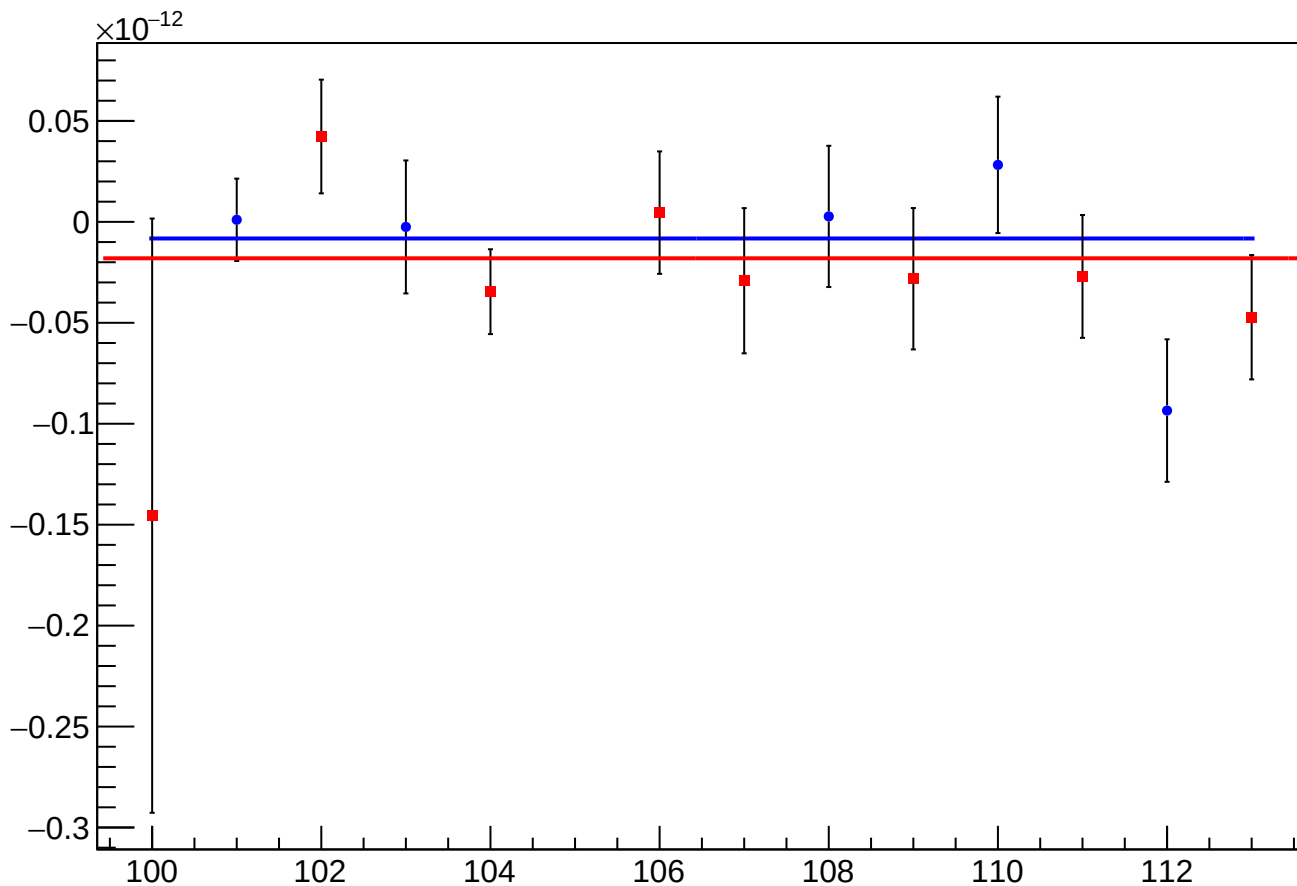
Right: 30.218+/-0.010 χ^2/NDF : 928846.4/12

In: 30.305+/-0.015 χ^2/NDF : 523521.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.218+/-0.010 χ^2/NDF : 928846.4/12

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 : 7.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

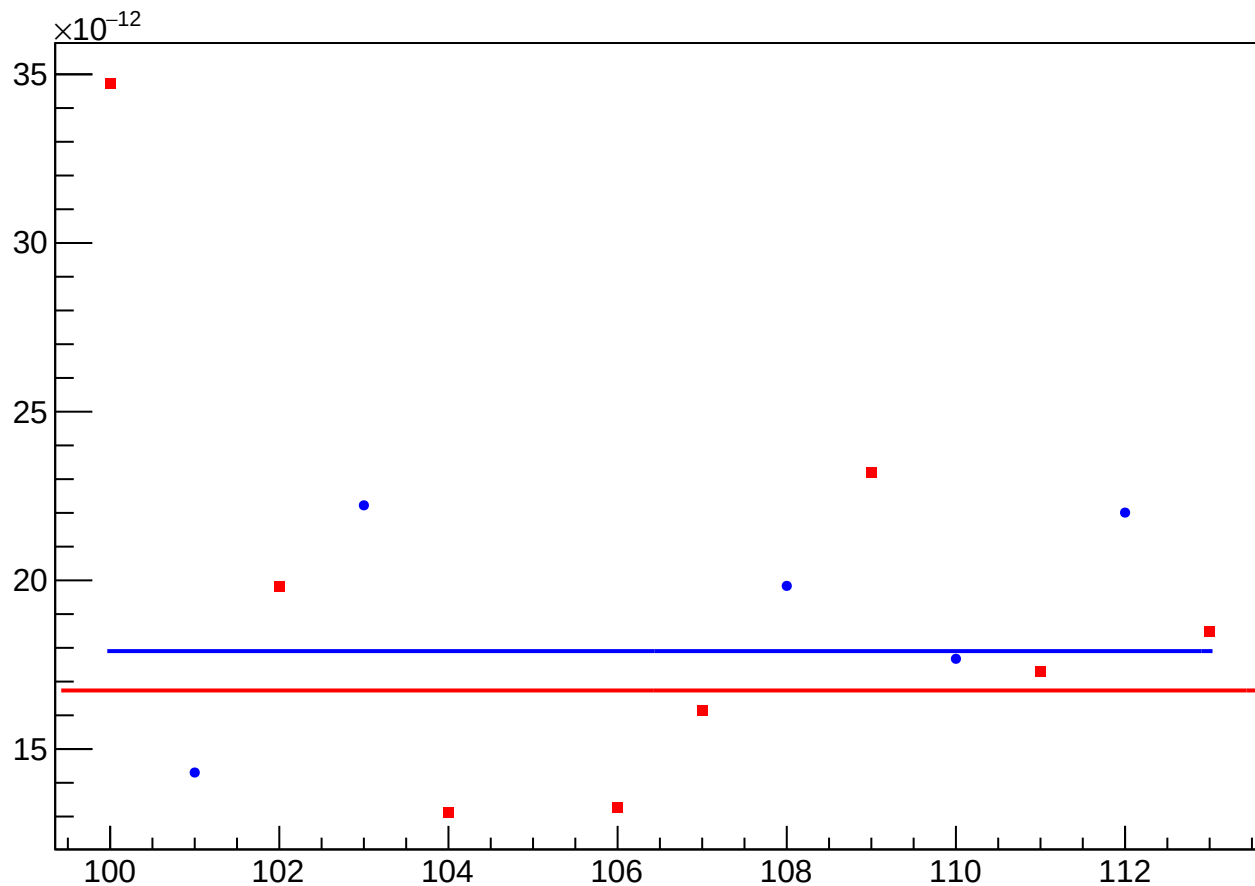
Right: -0.000+/-0.000 χ^2/NDF : 15.3/12

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 : 15.3/12

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 : 214628.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

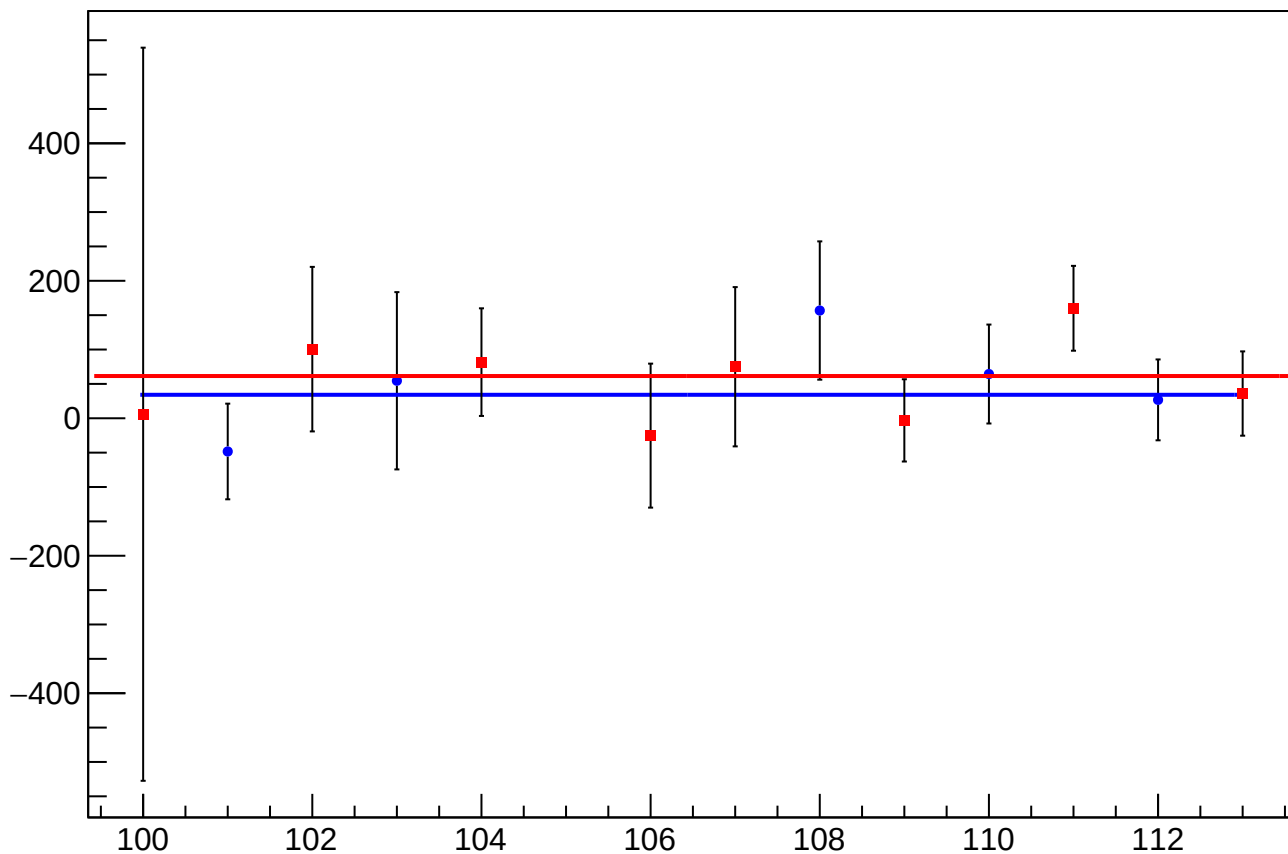
Right: 0.000+/-0.000 χ^2/NDF : 353976.3/12

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 : 353976.3/12

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: 61.464+/-28.749 χ^2/NDF : 4.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

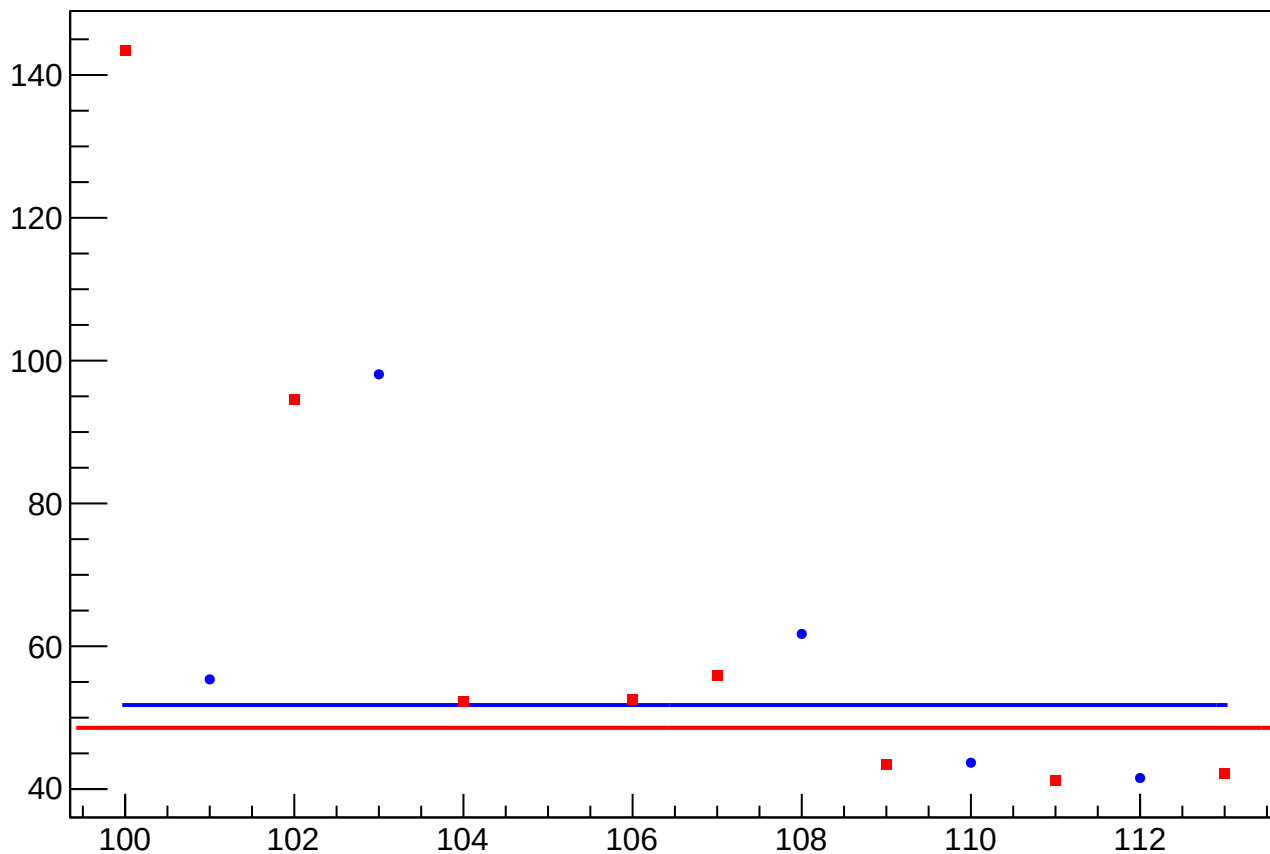
Right: 50.216+/-22.046 χ^2/NDF : 8.2/12

In: 34.158+/-34.350 χ^2/NDF : 3.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.216+/-22.046 χ^2/NDF : 8.2/12

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: 48.577+/-0.020 χ^2/NDF : 438174.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

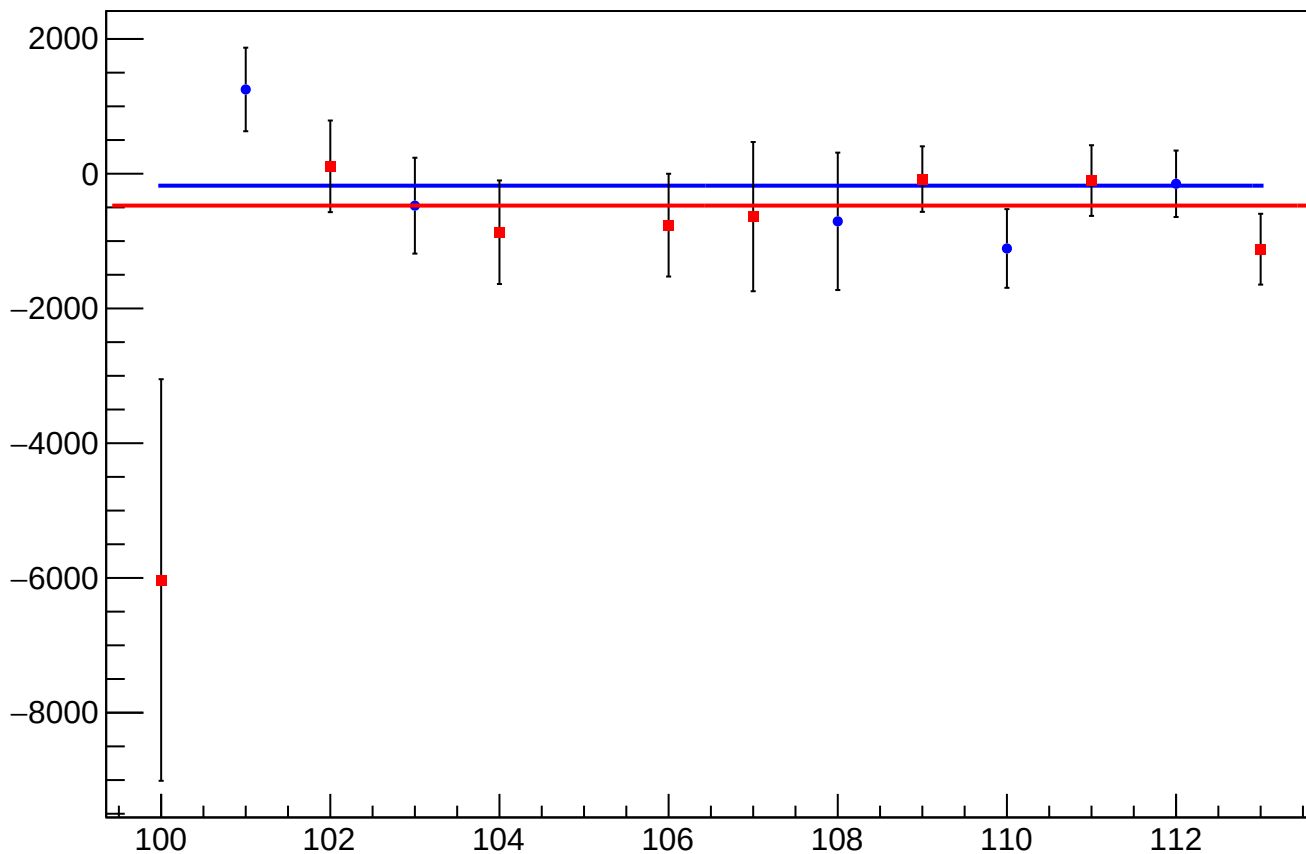
Right: 49.891+/-0.016 χ^2/NDF : 816751.5/12

In: 51.769+/-0.024 χ^2/NDF : 368419.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.891+/-0.016 χ^2/NDF : 816751.5/12

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: -472.932+/-235.844 χ^2/NDF : 7.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

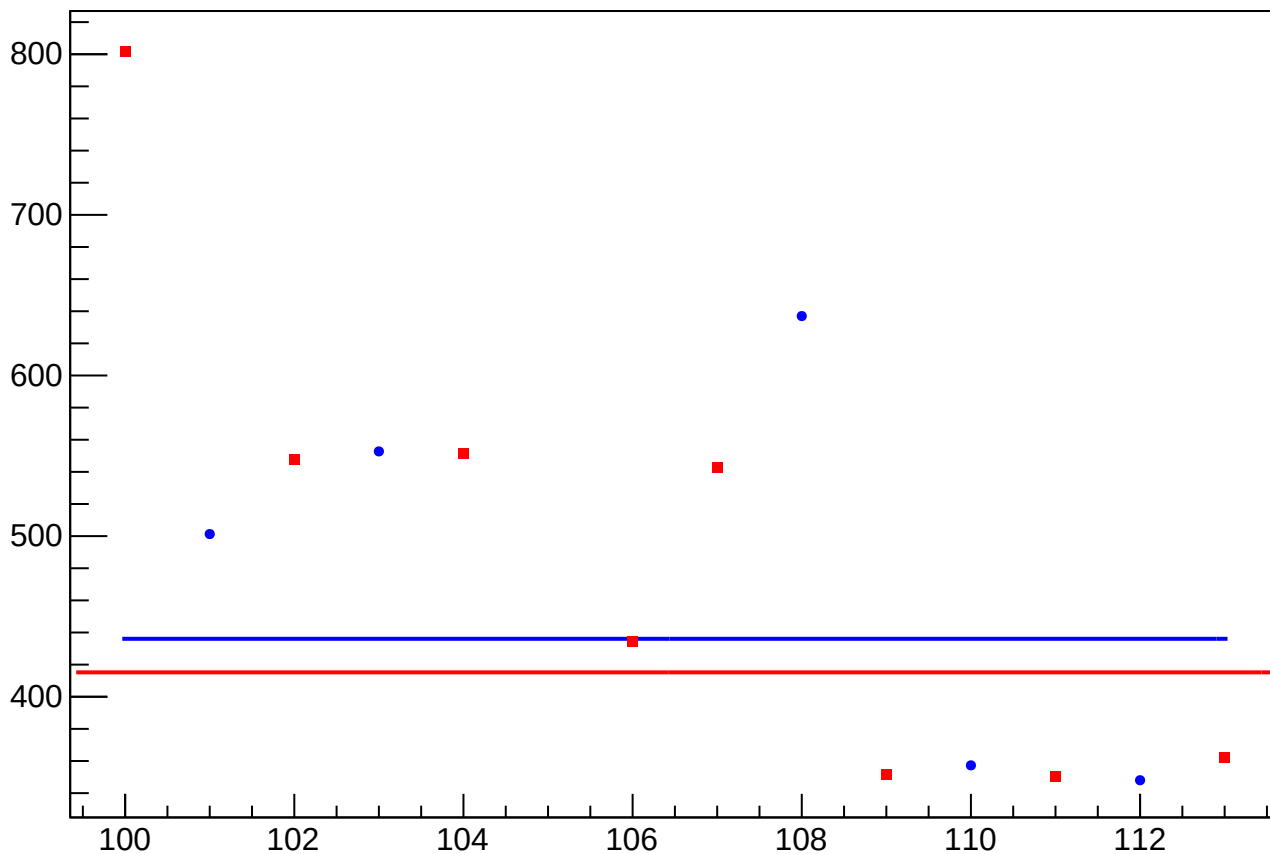
Right: -351.307+/-180.889 χ^2/NDF : 16.3/12

In: -177.536+/-281.905 χ^2/NDF : 8.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -351.307+/-180.889 χ^2/NDF : 16.3/12

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: 415.189+/-0.167 χ^2/NDF : 285900.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

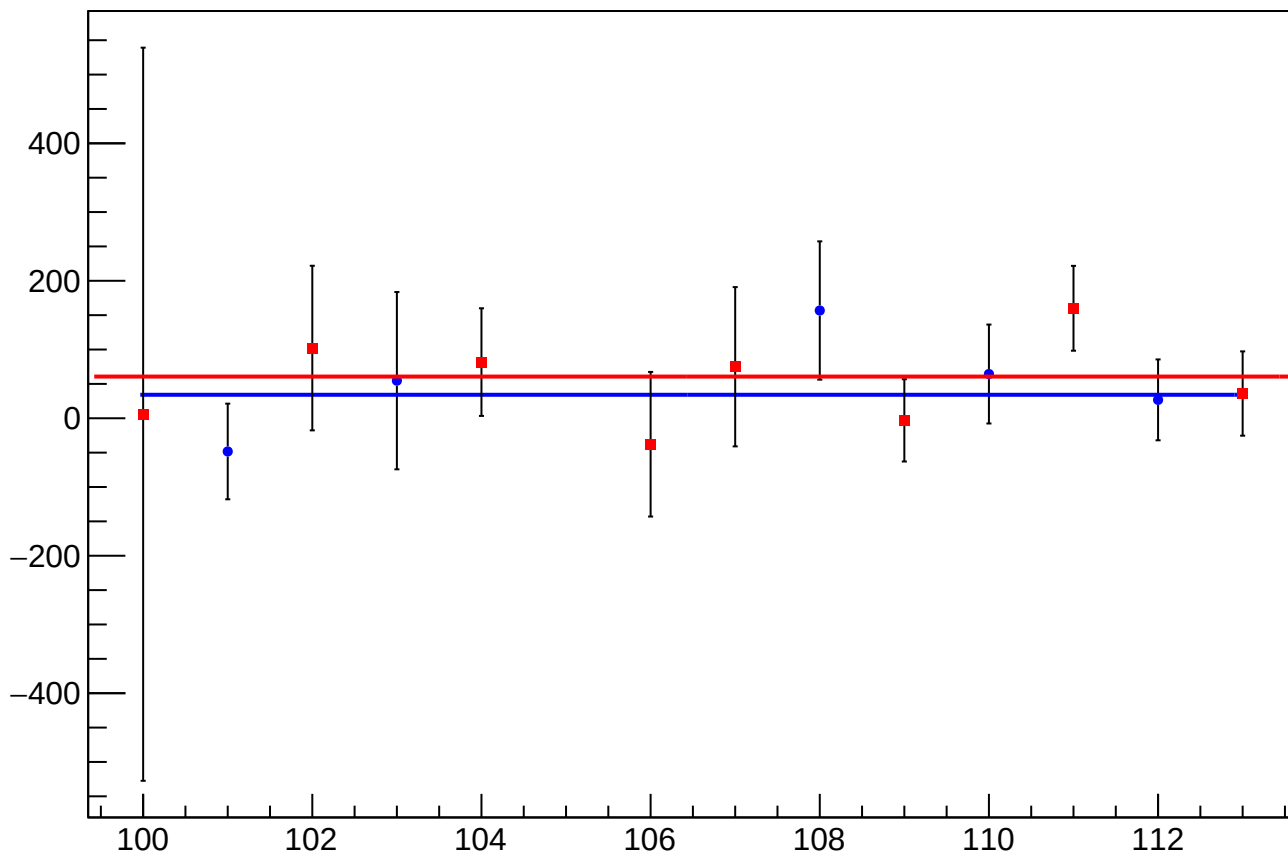
Right: 423.791+/-0.128 χ^2/NDF : 546087.2/12

In: 436.080+/-0.199 χ^2/NDF : 253725.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 423.791+/-0.128 χ^2/NDF : 546087.2/12

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: 60.681+/-28.759 χ^2/NDF : 5.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

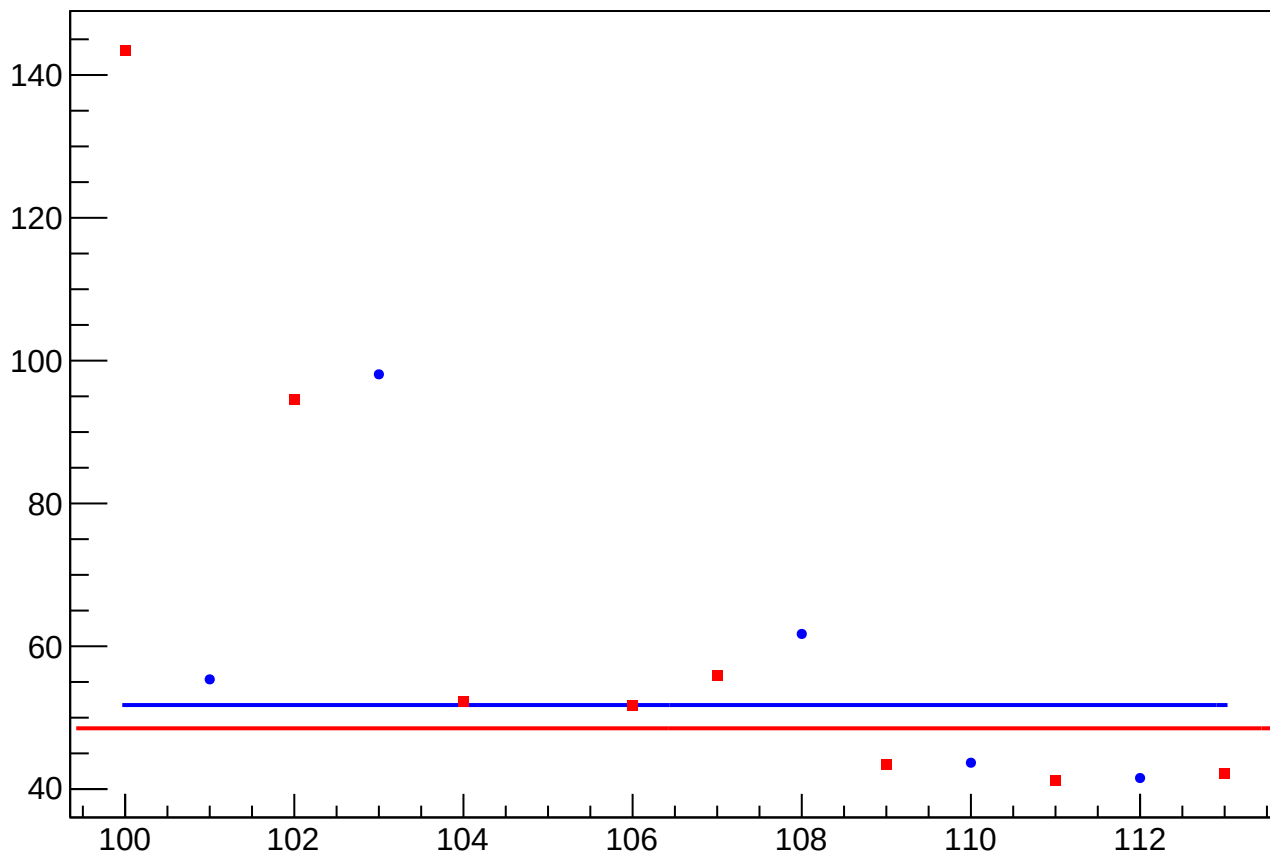
Right: 49.757+/-22.051 χ^2/NDF : 8.4/12

In: 34.174+/-34.350 χ^2/NDF : 3.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.757+/-22.051 χ^2/NDF : 8.4/12

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: 48.513+/-0.020 χ^2/NDF : 437335.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

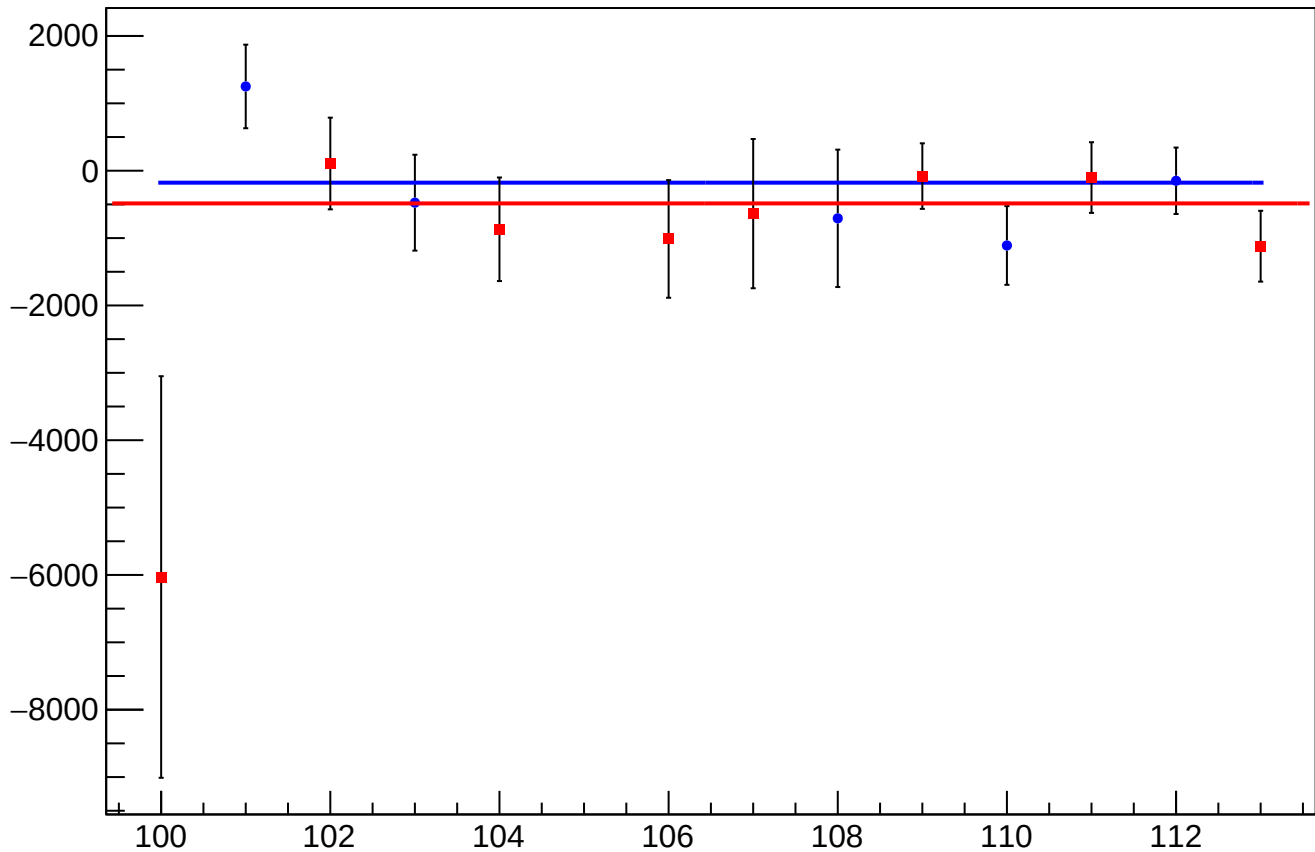
Right: 49.855+/-0.016 χ^2/NDF : 816321.8/12

In: 51.769+/-0.024 χ^2/NDF : 368422.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.855+/-0.016 χ^2/NDF : 816321.8/12

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: -485.322+/-238.578 χ^2/NDF : 7.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

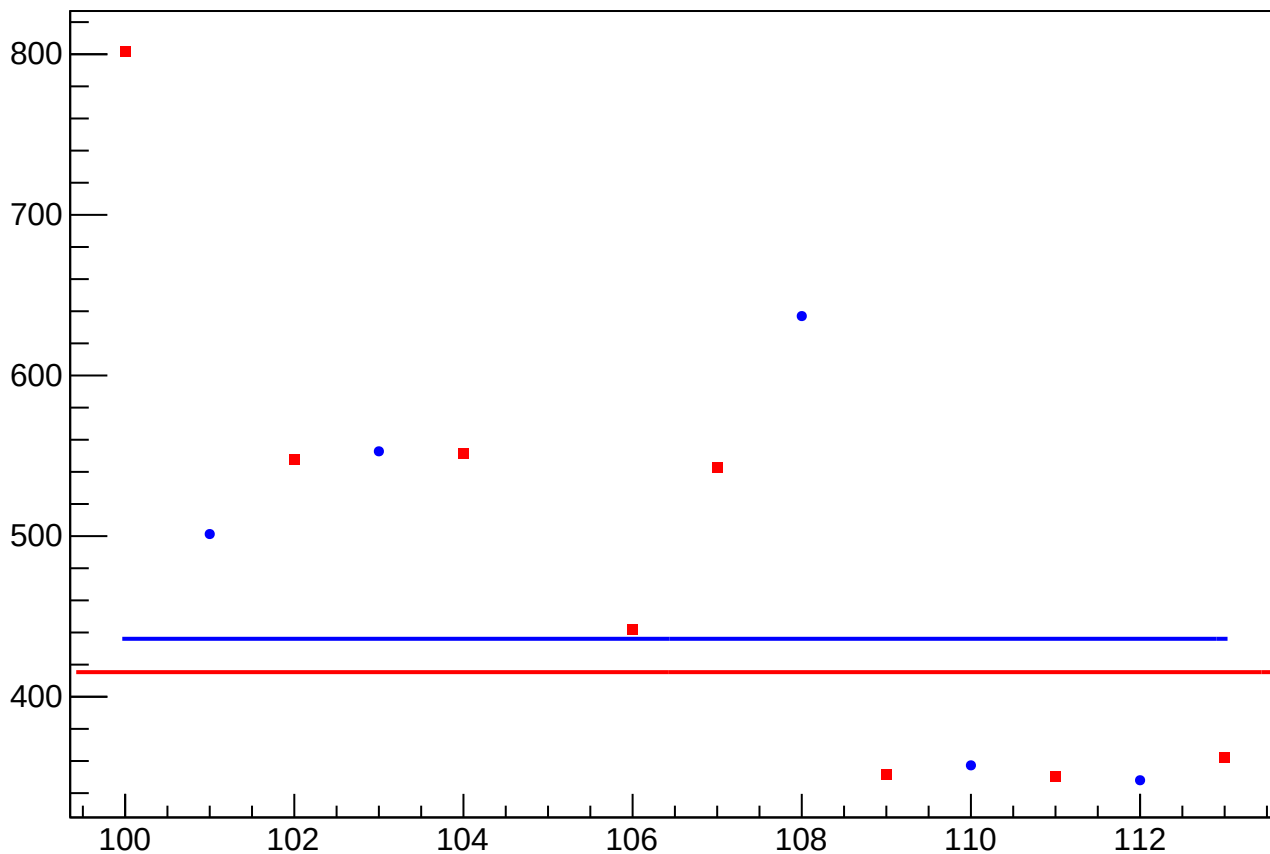
Right: -356.877+/-182.115 χ^2/NDF : 16.5/12

In: -177.537+/-281.909 χ^2/NDF : 8.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -356.877+/-182.115 χ^2/NDF : 16.5/12

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: 415.321+/-0.169 χ^2/NDF : 286819.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

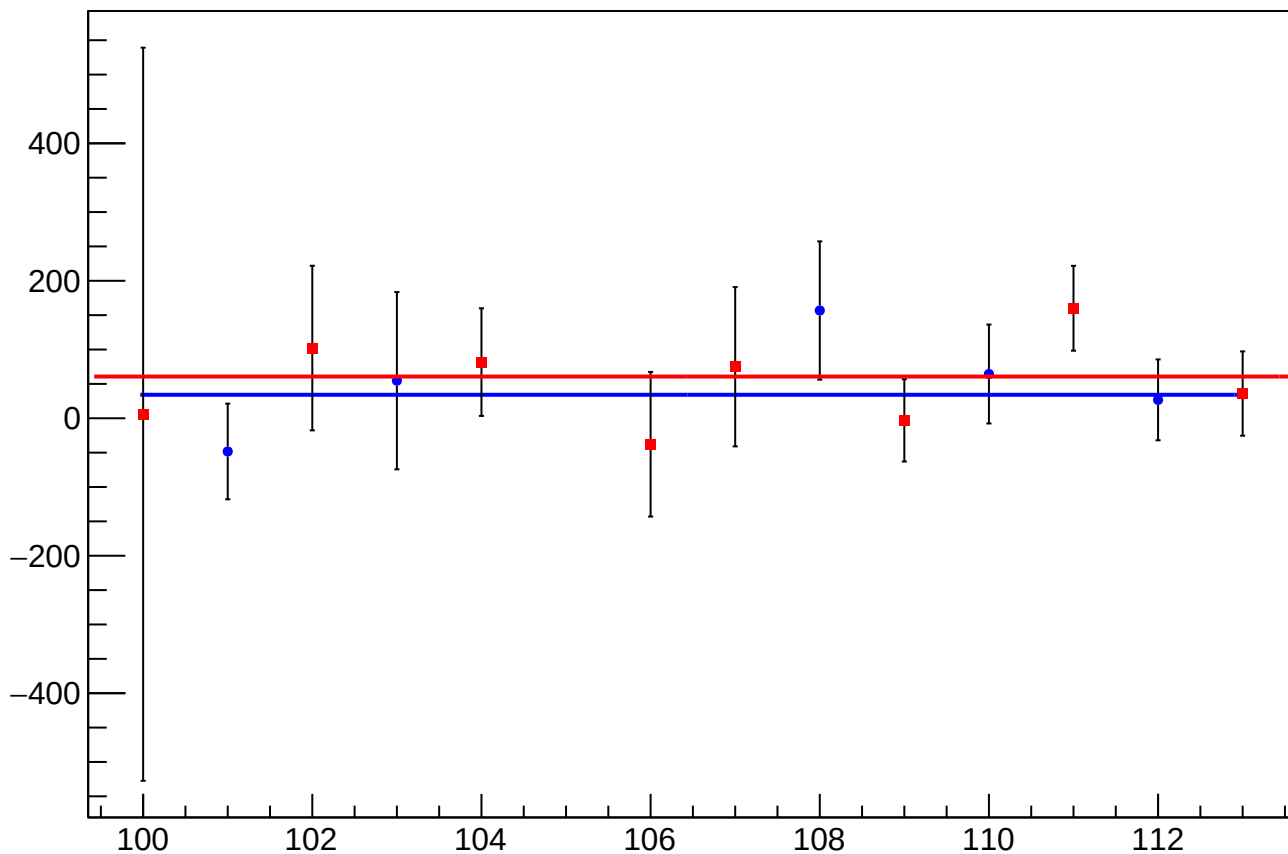
Right: 423.986+/-0.129 χ^2/NDF : 546906.9/12

In: 436.084+/-0.199 χ^2/NDF : 253765.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 423.986+/-0.129 χ^2/NDF : 546906.9/12

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: 60.681+/-28.759 χ^2/NDF : 5.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

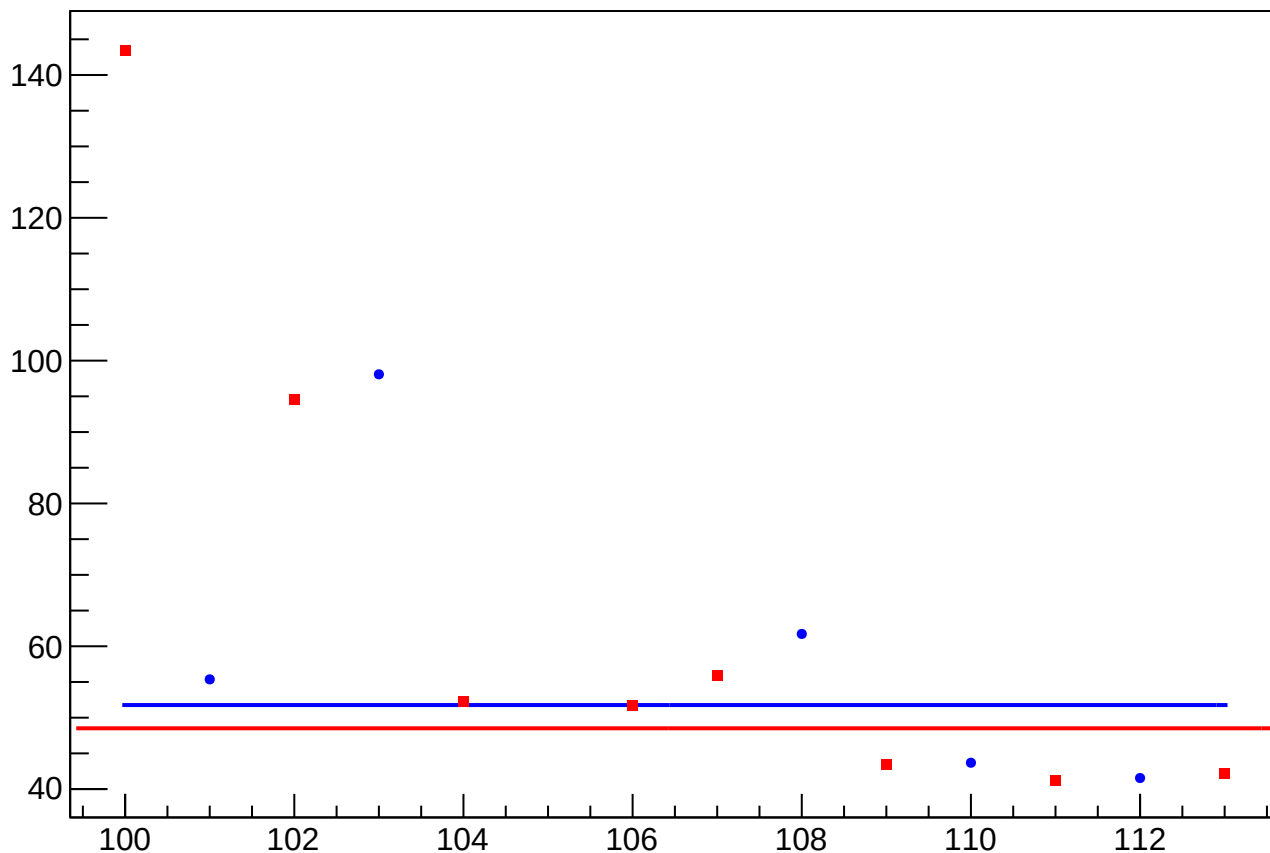
Right: 49.757+/-22.051 χ^2/NDF : 8.4/12

In: 34.174+/-34.350 χ^2/NDF : 3.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.757+/-22.051 χ^2/NDF : 8.4/12

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: 48.513+/-0.020 χ^2/NDF : 437335.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

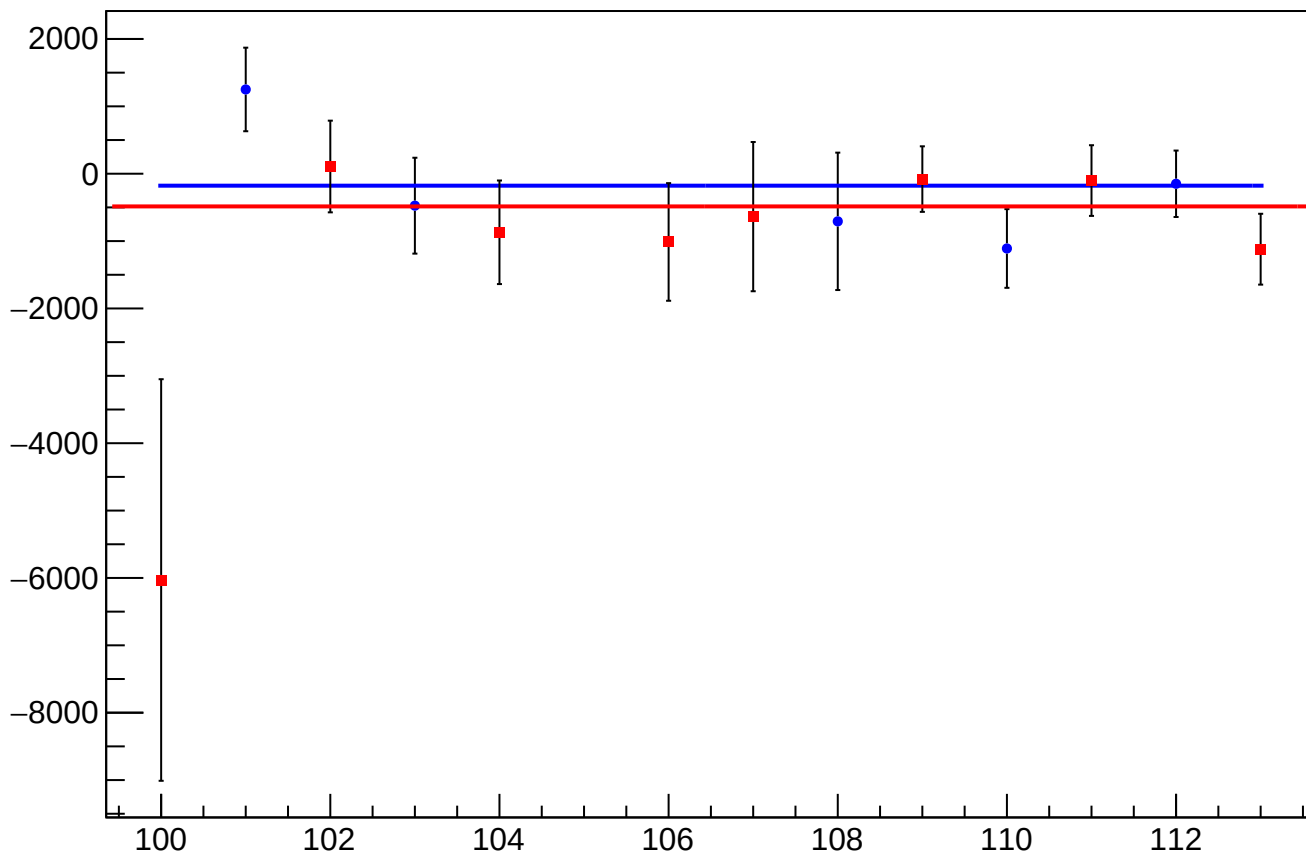
Right: 49.855+/-0.016 χ^2/NDF : 816321.8/12

In: 51.769+/-0.024 χ^2/NDF : 368422.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.855+/-0.016 χ^2/NDF : 816321.8/12

asym_sam_15_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -177.537 $\pm$ 281.909 χ^2 /NDF: 8.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -485.322 $\pm$ 238.578 χ^2 /NDF: 7.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

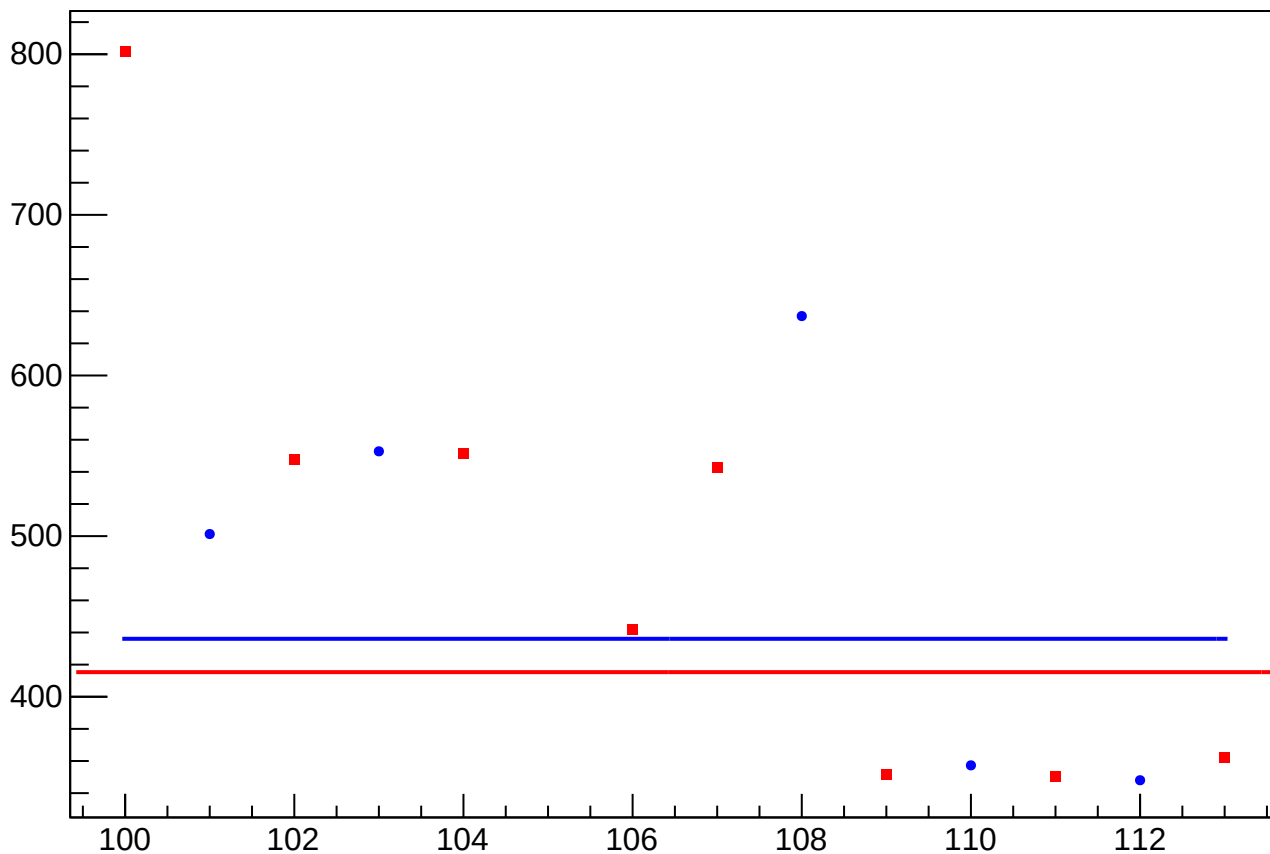
Right: -356.877 $\pm$ 182.115 χ^2 /NDF: 16.5/12

In: -177.537 $\pm$ 281.909 χ^2 /NDF:8.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -356.877 $\pm$ 182.115 χ^2 /NDF: 16.5/12

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: 415.321+/-0.169 χ^2/NDF : 286819.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

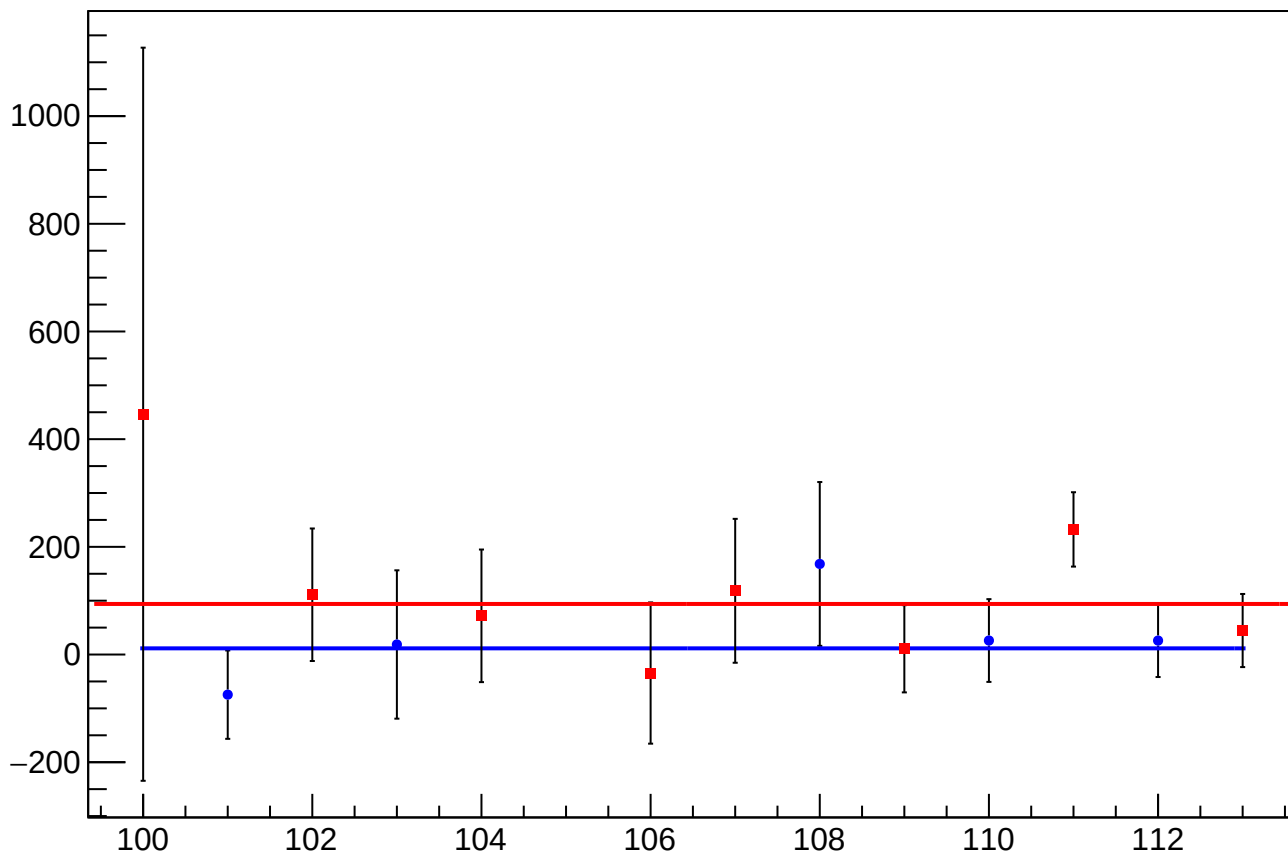
Right: 423.986+/-0.129 χ^2/NDF : 546906.9/12

In: 436.084+/-0.199 χ^2/NDF : 253765.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 423.986+/-0.129 χ^2/NDF : 546906.9/12

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 11.484+/-39.787 χ^2/NDF : 2.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.925+/-34.769 χ^2/NDF : 6.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

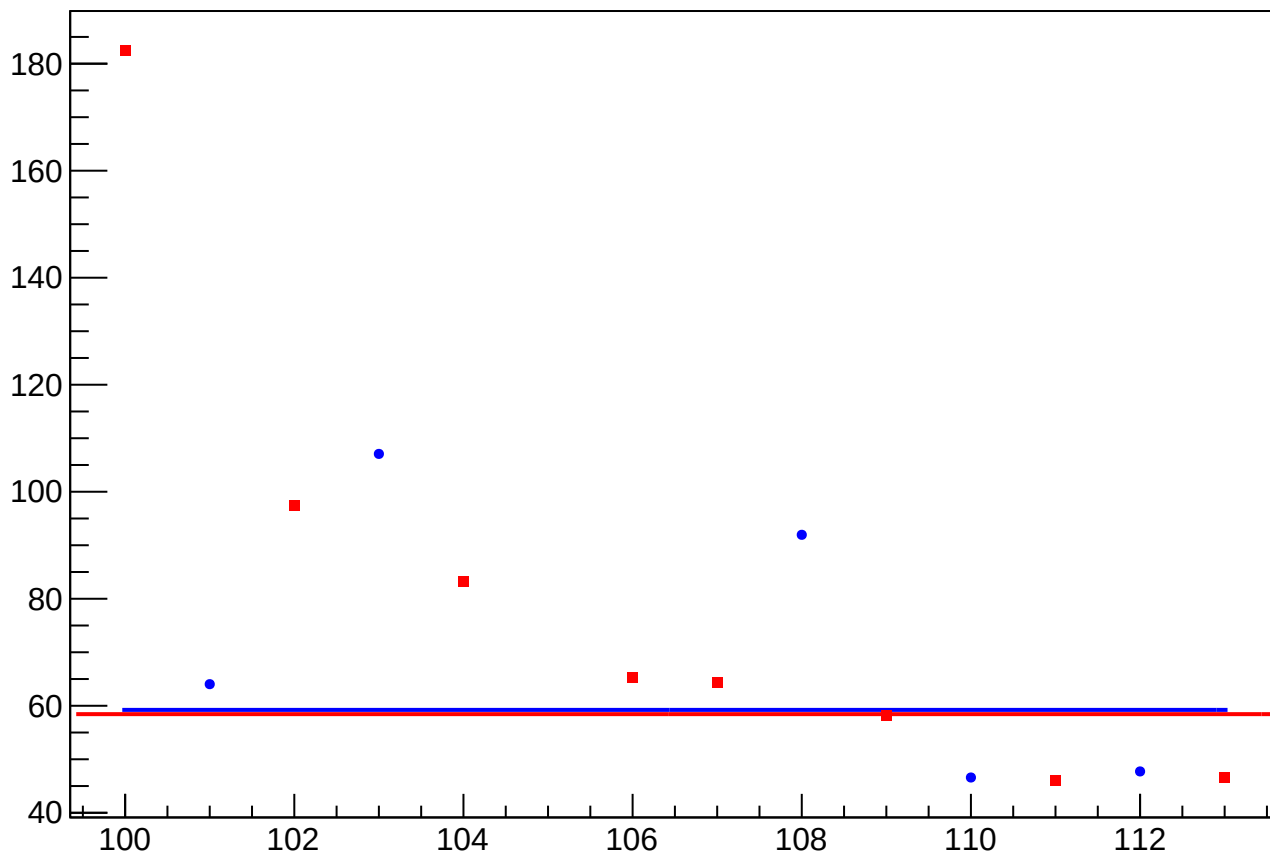
Right: 58.228+/-26.181 χ^2/NDF : 11.6/12

In: 11.484+/-39.787 χ^2/NDF : 2.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.228+/-26.181 χ^2/NDF : 11.6/12

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: 58.435+/-0.025 χ^2/NDF : 481668.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

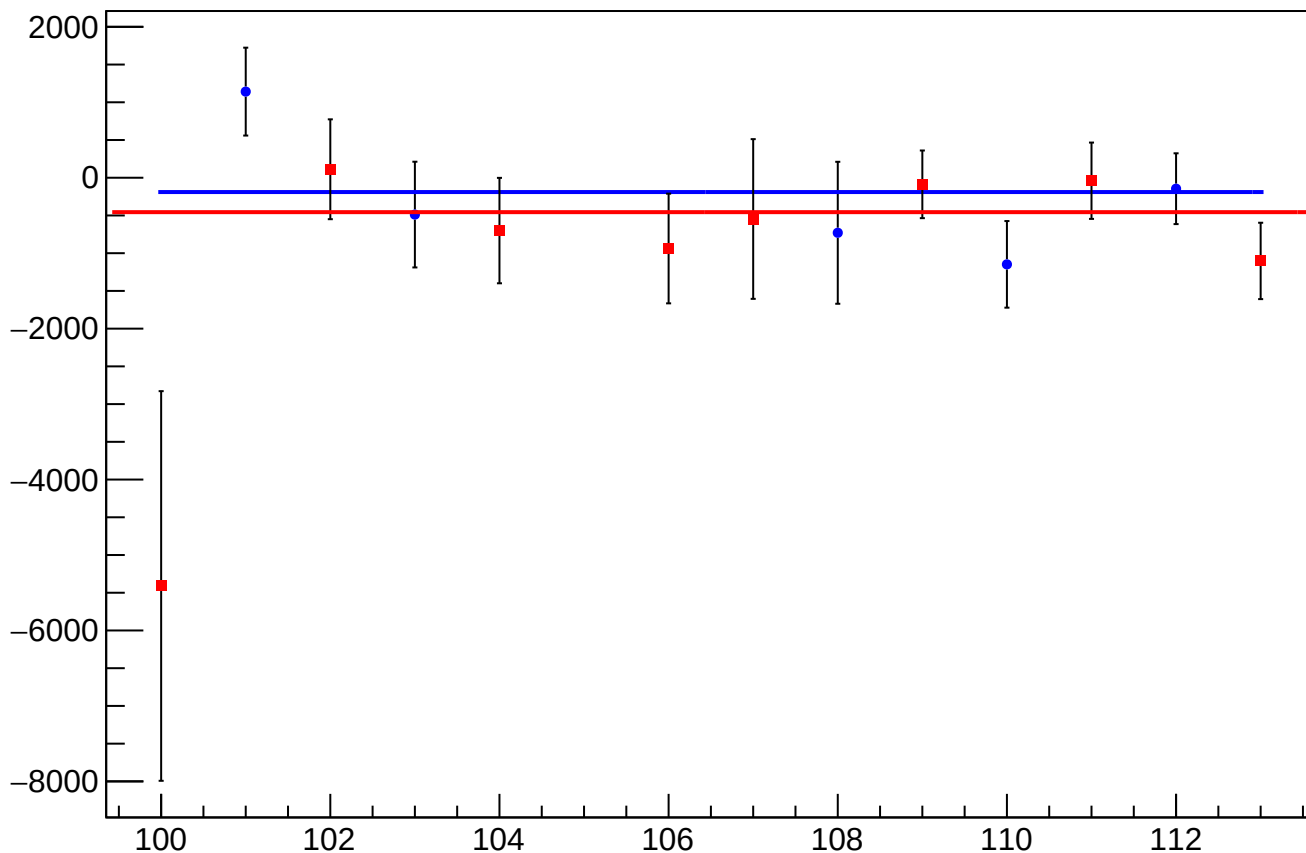
Right: 58.780+/-0.019 χ^2/NDF : 934463.9/12

In: 59.231+/-0.028 χ^2/NDF : 452341.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.780+/-0.019 χ^2/NDF : 934463.9/12

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: -456.111+/-223.281 χ^2/NDF : 8.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

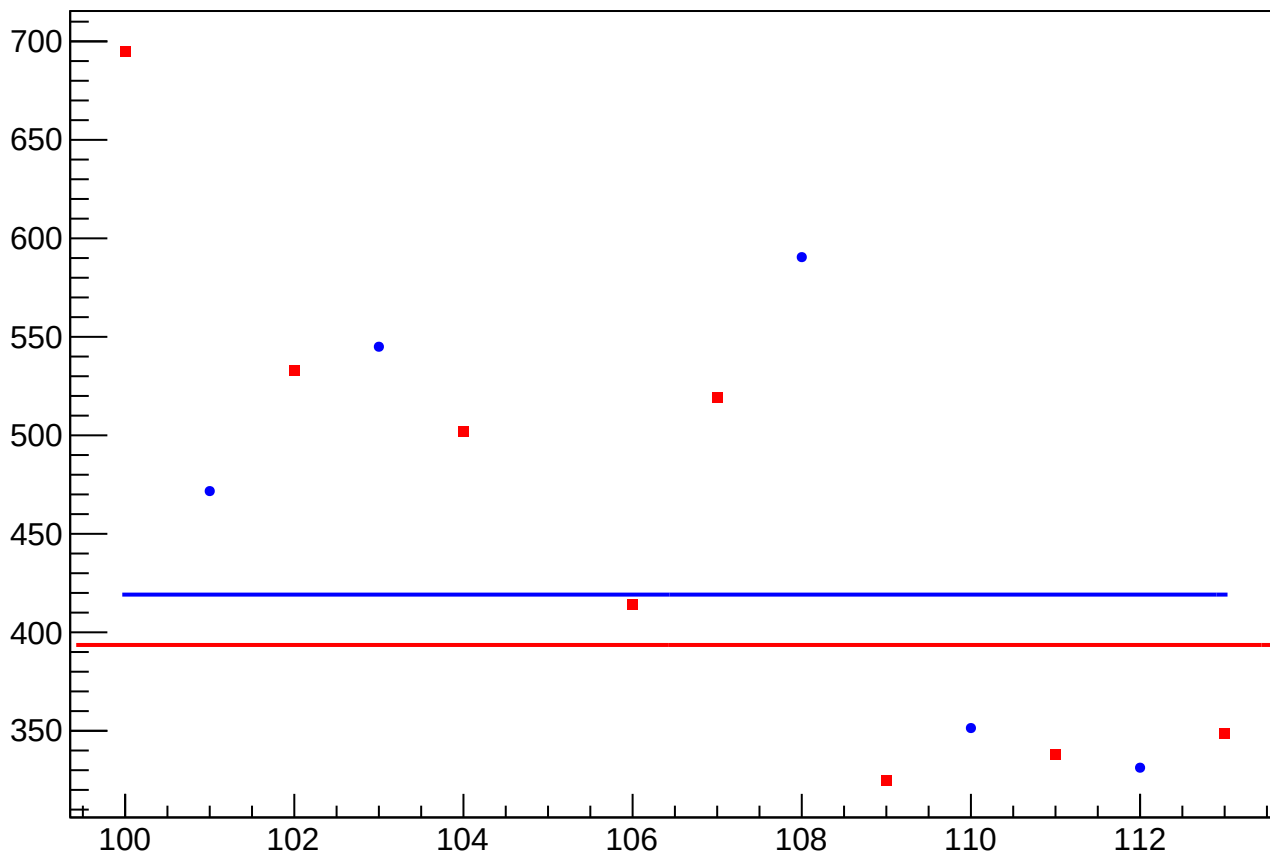
Right: -348.029+/-172.124 χ^2/NDF : 17.1/12

In: -189.729+/-270.220 χ^2/NDF : 8.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -348.029+/-172.124 χ^2/NDF : 17.1/12

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: 393.581+/-0.158 χ^2/NDF : 280817.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

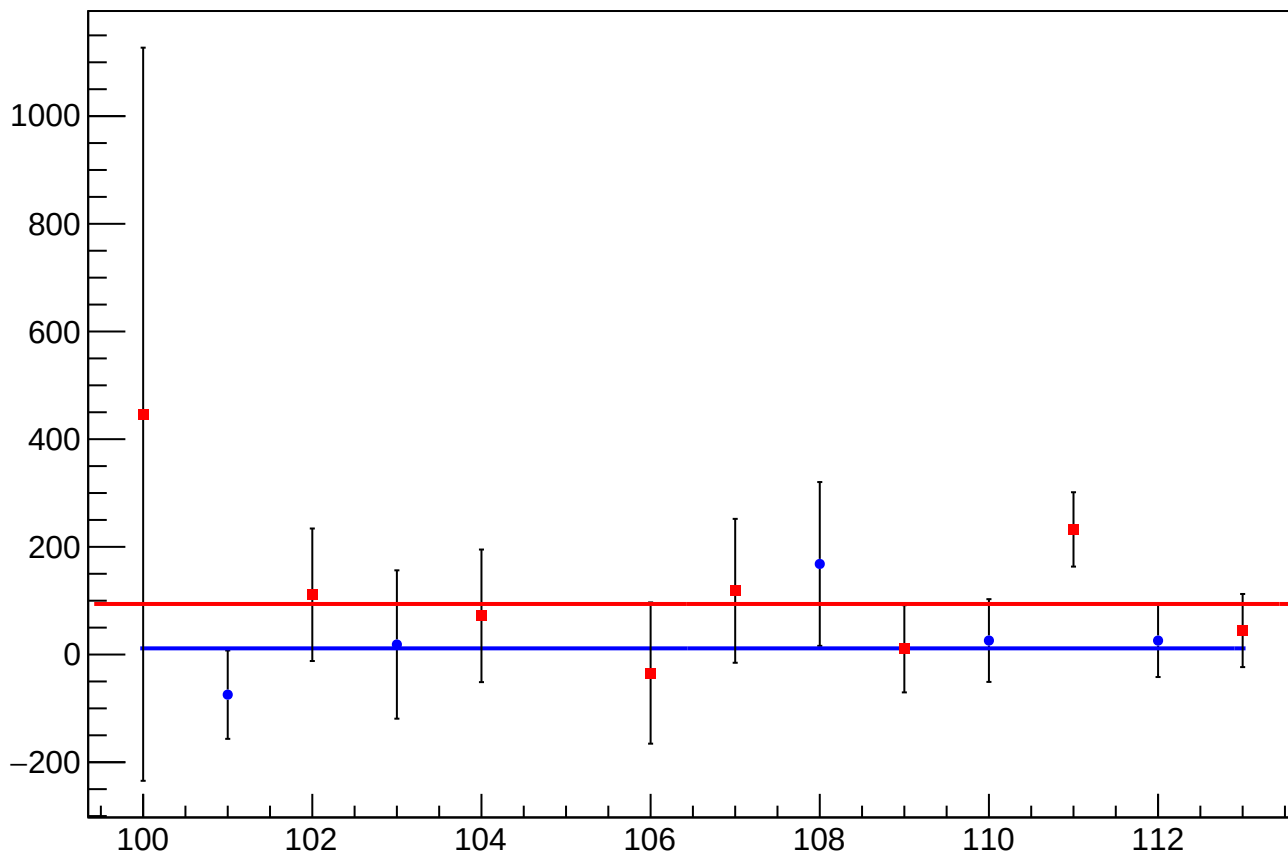
Right: 403.954+/-0.122 χ^2/NDF : 536628.0/12

In: 419.146+/-0.191 χ^2/NDF :245172.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 403.954+/-0.122 χ^2/NDF : 536628.0/12

eigen_dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 11.484+/-39.787 χ^2/NDF : 2.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.926+/-34.770 χ^2/NDF : 6.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

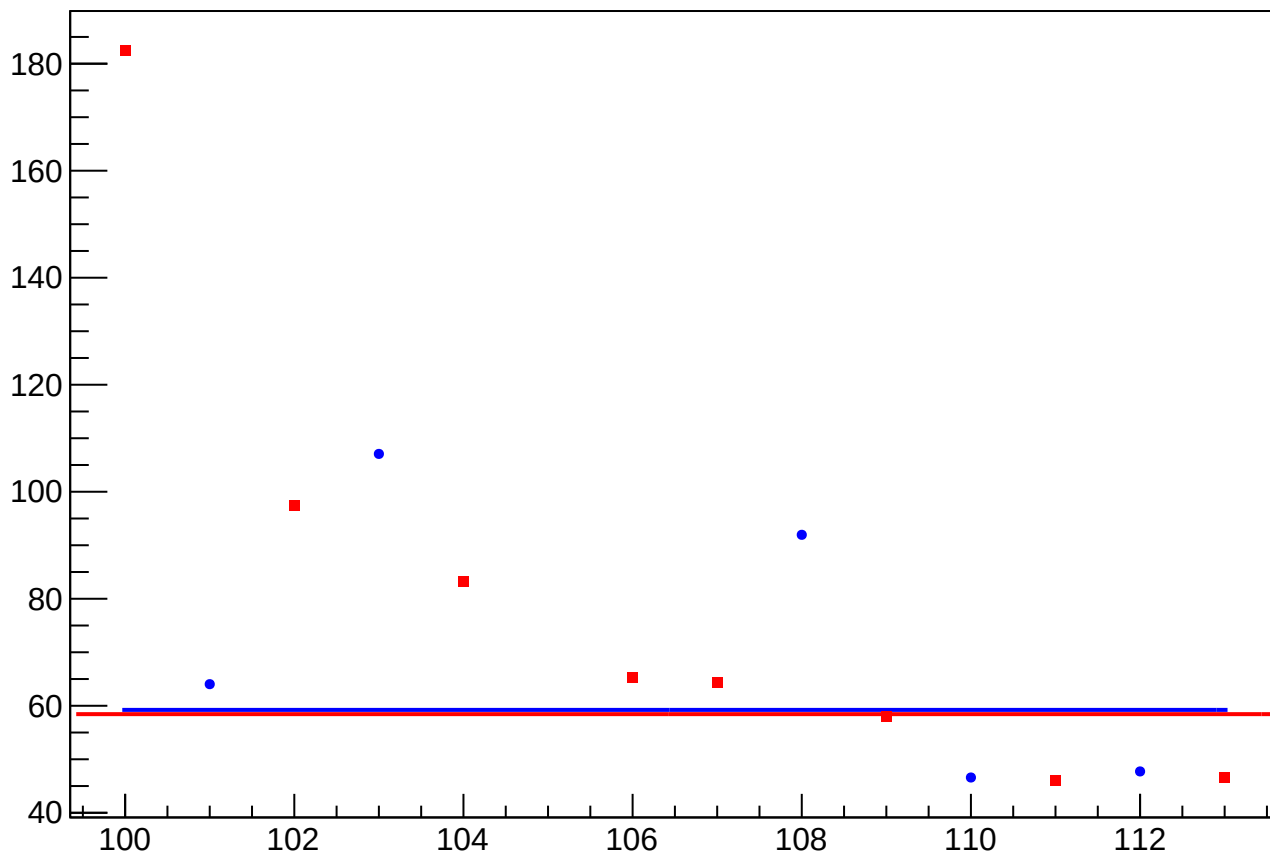
Right: 58.228+/-26.181 χ^2/NDF : 11.6/12

In: 11.484+/-39.787 χ^2/NDF : 2.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.228+/-26.181 χ^2/NDF : 11.6/12

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: 58.435+/-0.025 χ^2/NDF : 481665.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

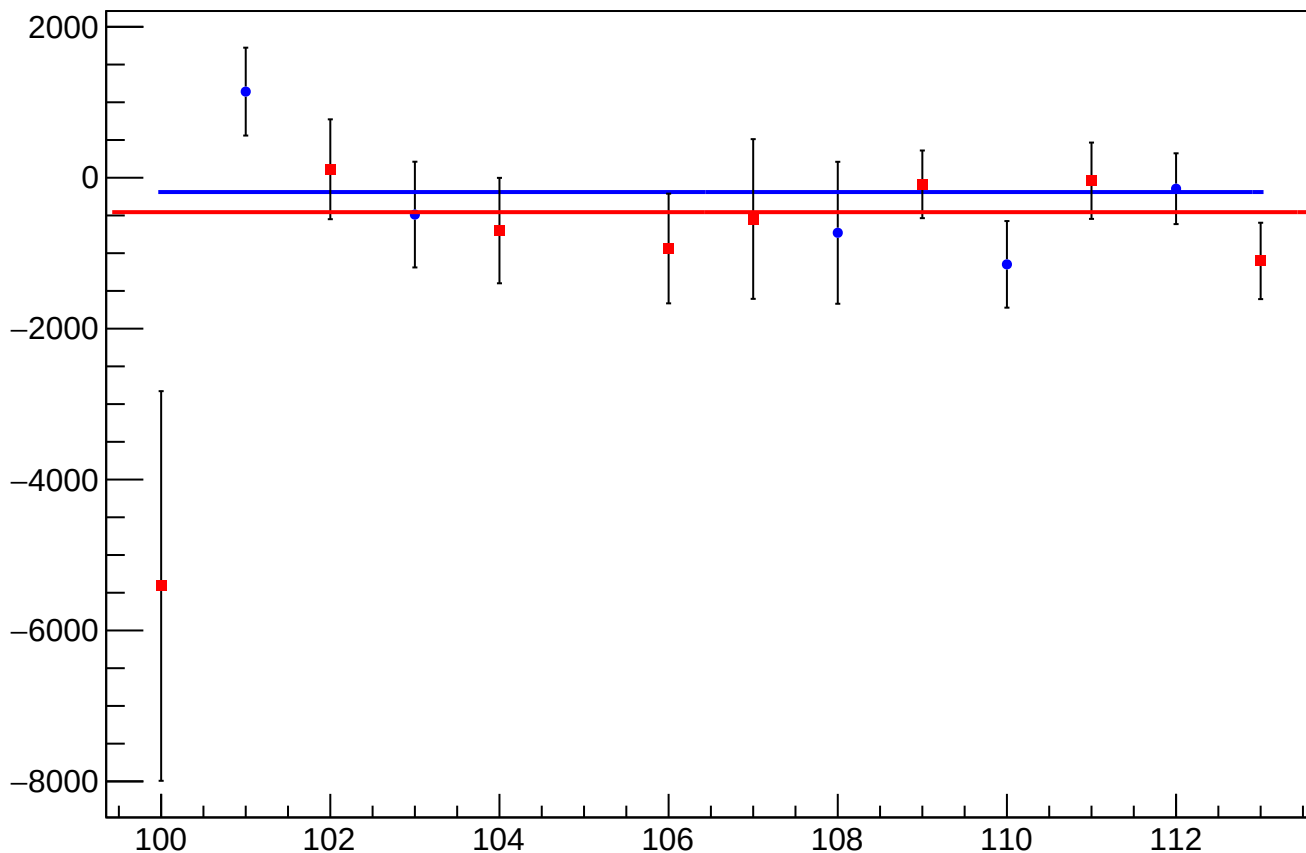
Right: 58.780+/-0.019 χ^2/NDF : 934458.4/12

In: 59.232+/-0.028 χ^2/NDF : 452338.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.780+/-0.019 χ^2/NDF : 934458.4/12

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: -456.110+/-223.281 χ^2/NDF : 8.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

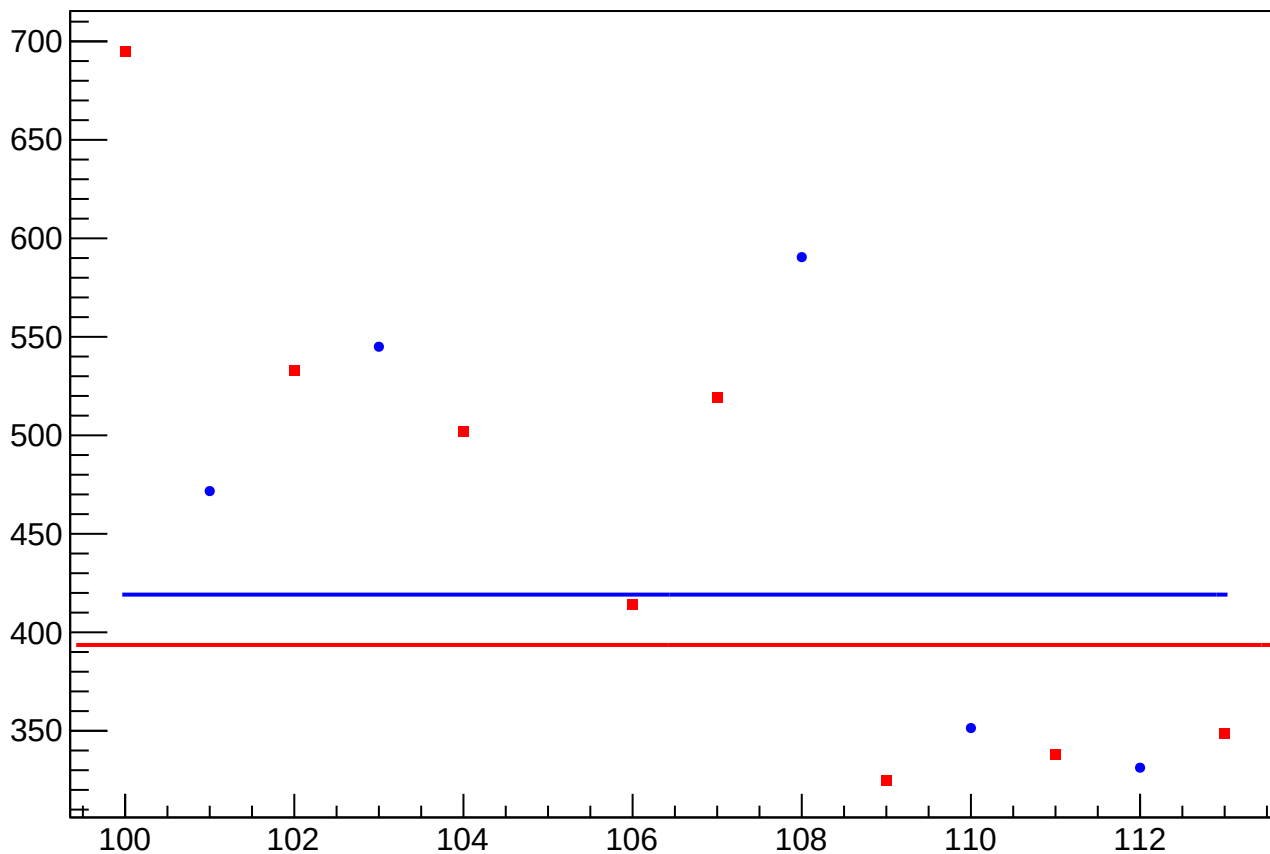
Right: -348.028+/-172.123 χ^2/NDF : 17.1/12

In: -189.728+/-270.219 χ^2/NDF : 8.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -348.028+/-172.123 χ^2/NDF : 17.1/12

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: 393.580+/-0.158 χ^2/NDF : 280815.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

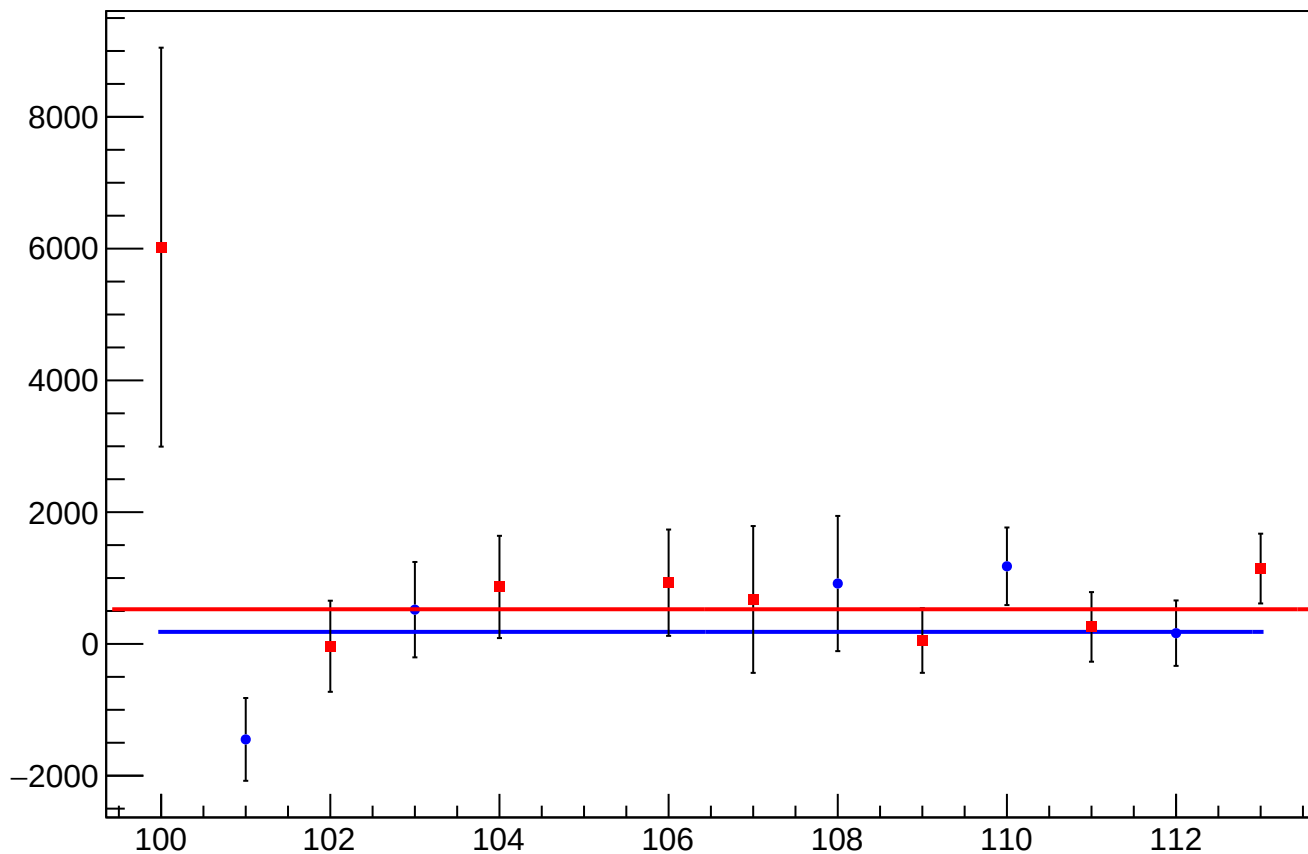
Right: 403.953+/-0.122 χ^2/NDF : 536625.1/12

In: 419.145+/-0.191 χ^2/NDF : 245171.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 403.953+/-0.122 χ^2/NDF : 536625.1/12

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: 526.267+/-239.025 χ^2/NDF : 7.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

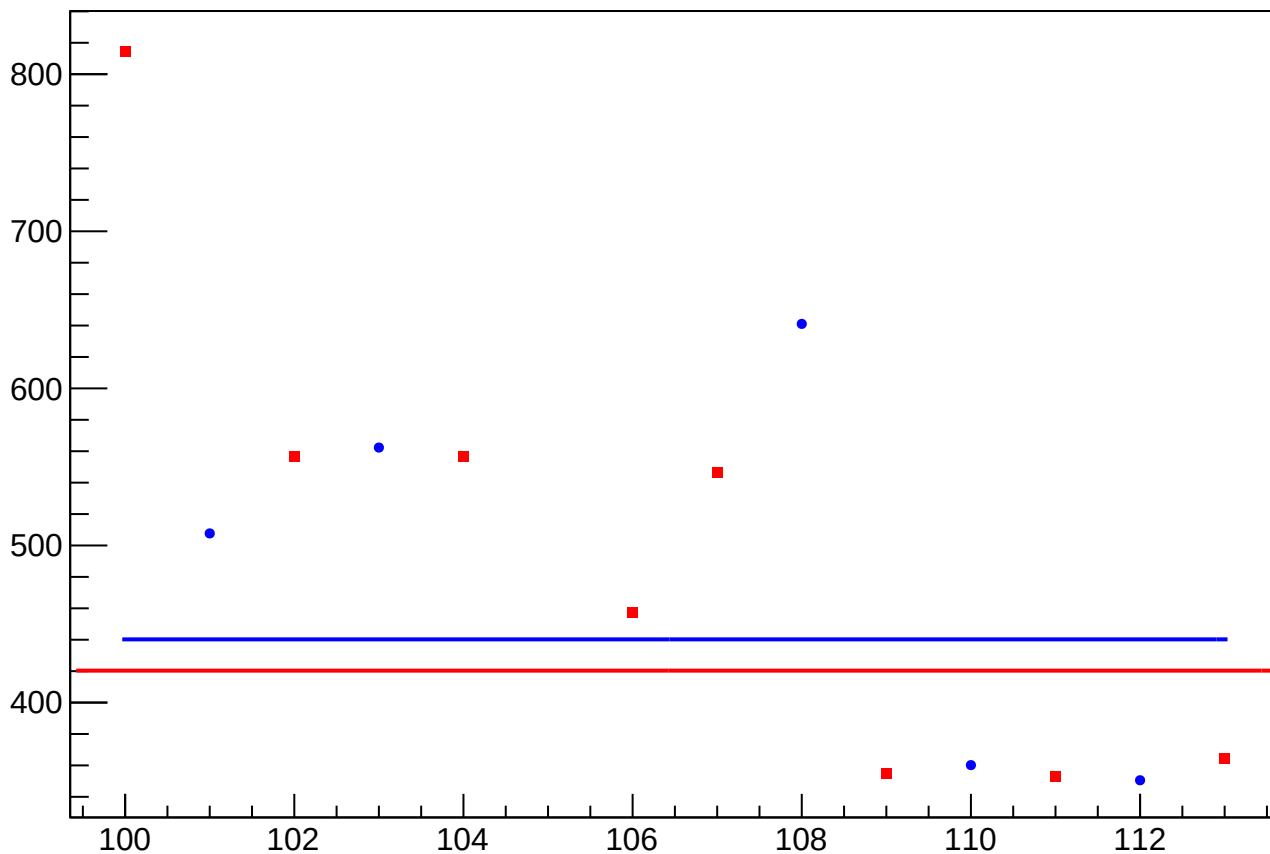
Right: 384.384+/-183.081 χ^2/NDF : 18.2/12

In: 182.991+/-284.774 χ^2/NDF : 10.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 384.384+/-183.081 χ^2/NDF : 18.2/12

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: 420.334+/-0.169 χ^2/NDF : 294247.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

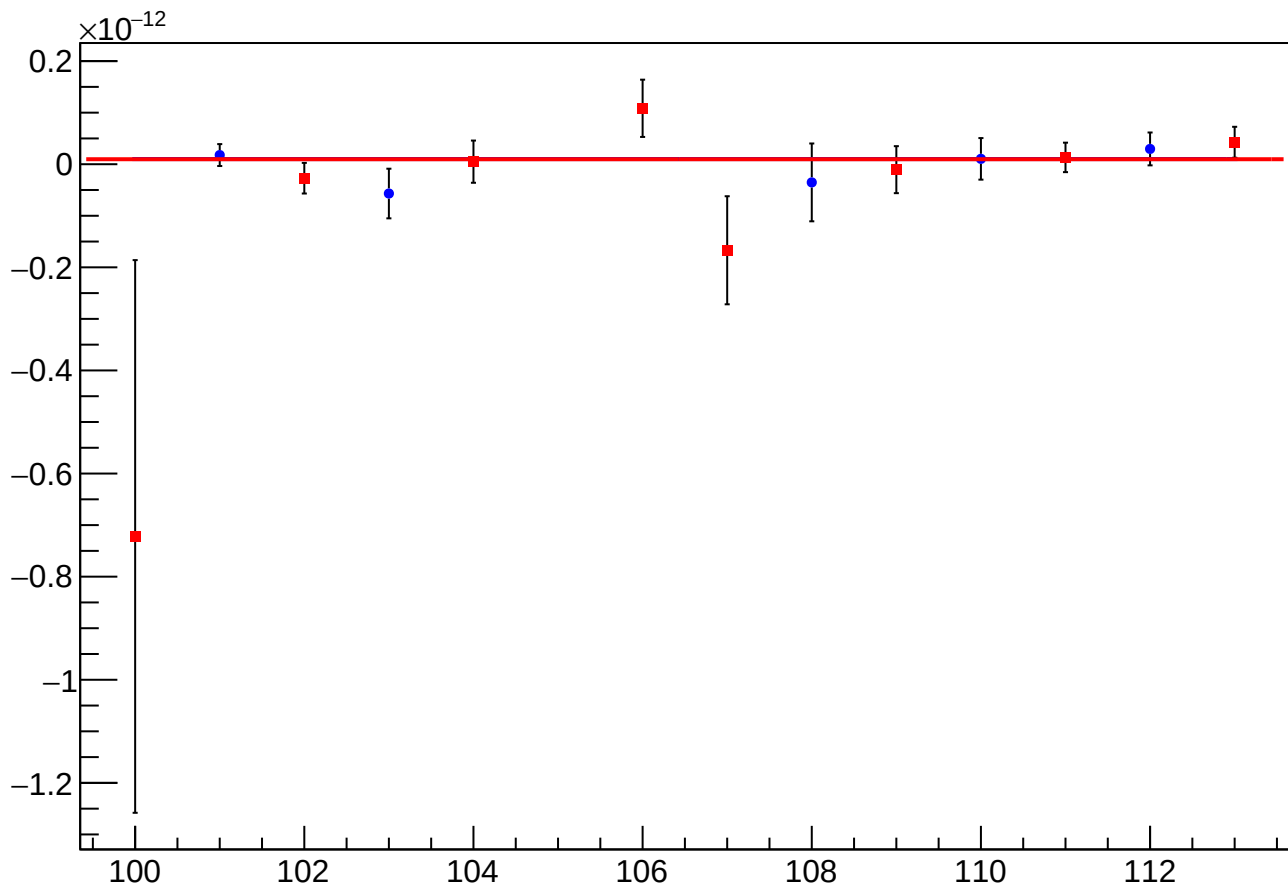
Right: 428.558+/-0.129 χ^2/NDF : 558719.3/12

In: 440.231+/-0.201 χ^2/NDF : 258744.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 428.558+/-0.129 χ^2/NDF : 558719.3/12

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 : 10.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

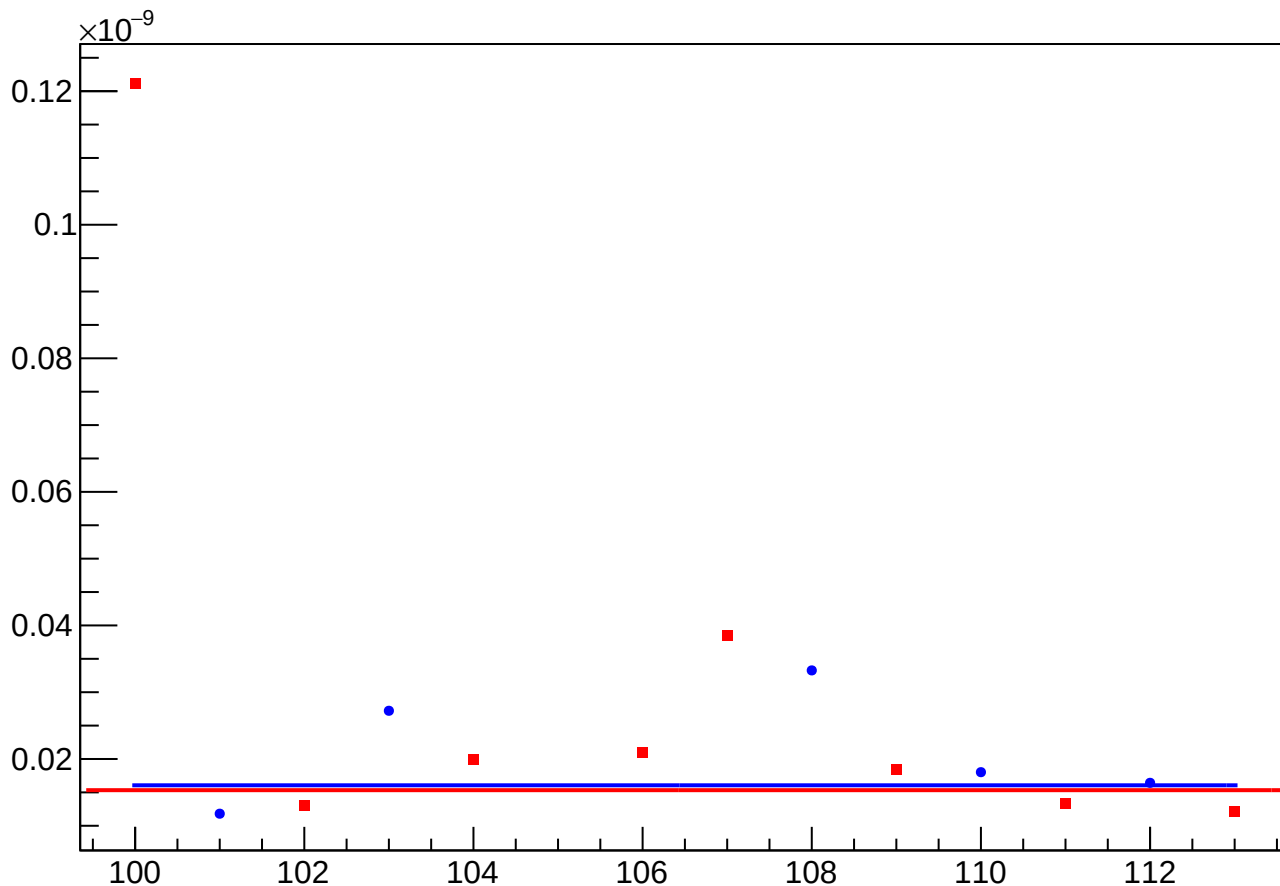
Right: 0.000+/-0.000 χ^2/NDF : 13.6/12

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 : 13.6/12

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 : 272499.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

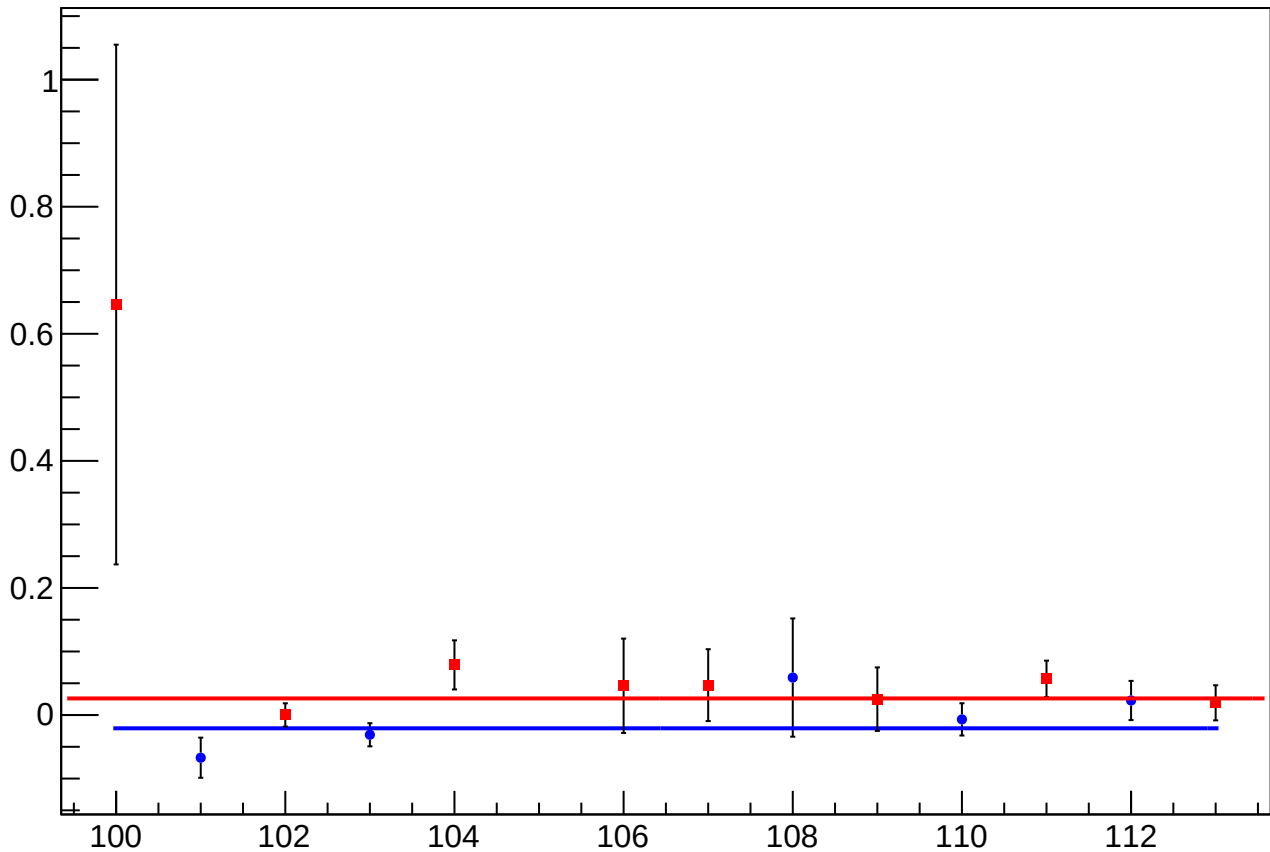
Right: 0.000+/-0.000 χ^2/NDF : 571535.7/12

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 : 571535.7/12

asym_sam_15_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 ± 0.012 χ^2/NDF : 5.5/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.026 ± 0.012 χ^2/NDF : 7.6/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

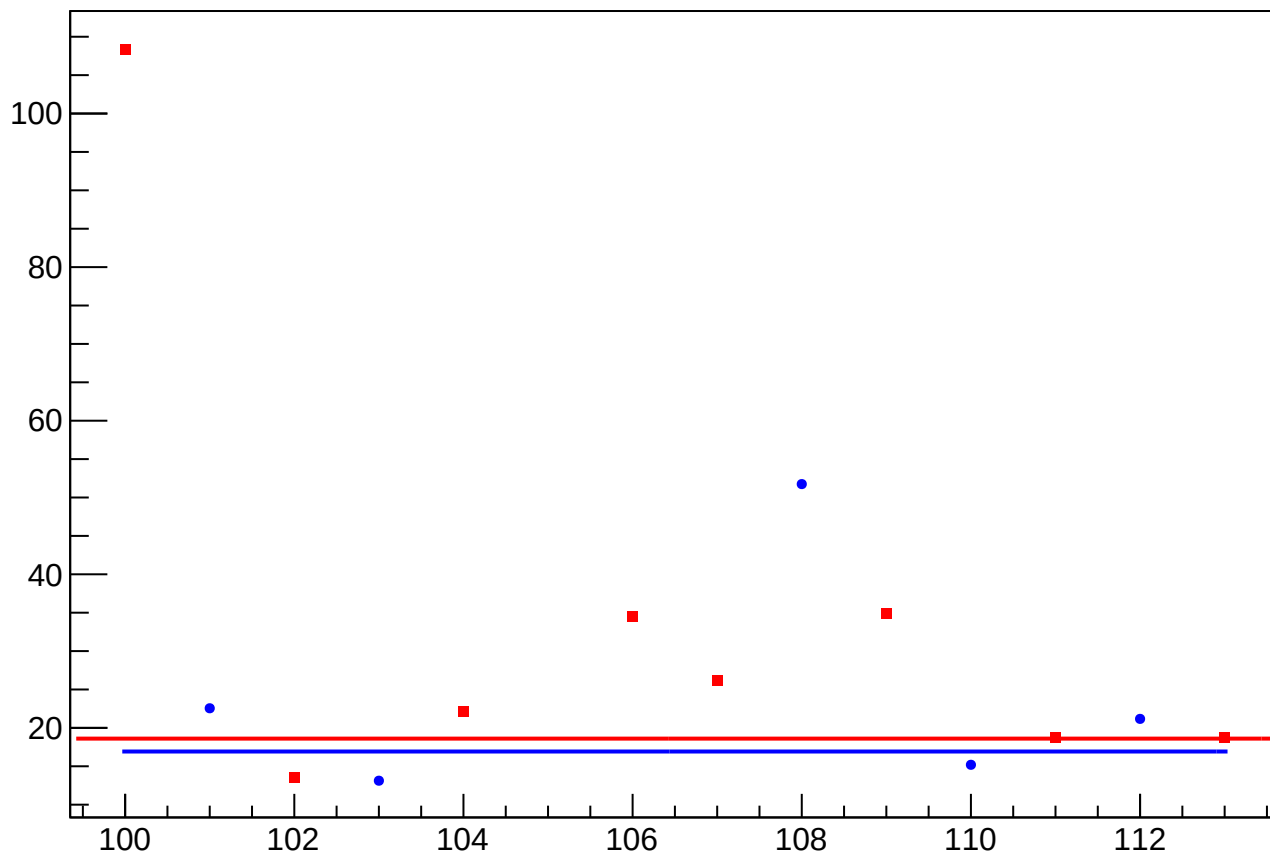
Right: 0.003 ± 0.009 χ^2/NDF : 20.7/12

In: -0.021 ± 0.012 χ^2/NDF : 5.5/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.003 ± 0.009 χ^2/NDF : 20.7/12

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: 18.603+/-0.008 χ^2/NDF : 600440.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

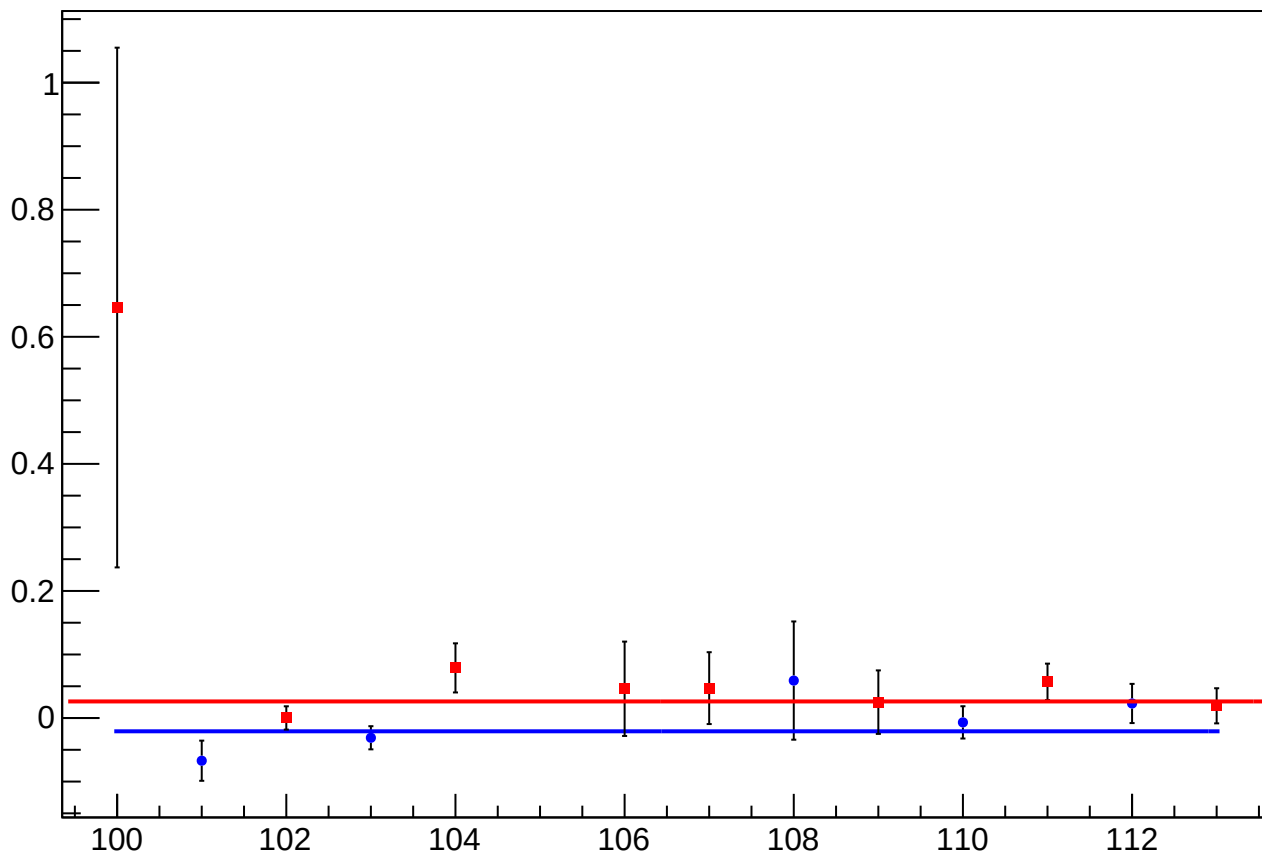
Right: 17.783+/-0.006 χ^2/NDF : 1097870.8/12

In: 16.923+/-0.009 χ^2/NDF : 477977.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.783+/-0.006 χ^2/NDF : 1097870.8/12

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.012 χ^2/NDF : 5.5/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.026+/-0.012 χ^2/NDF : 7.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

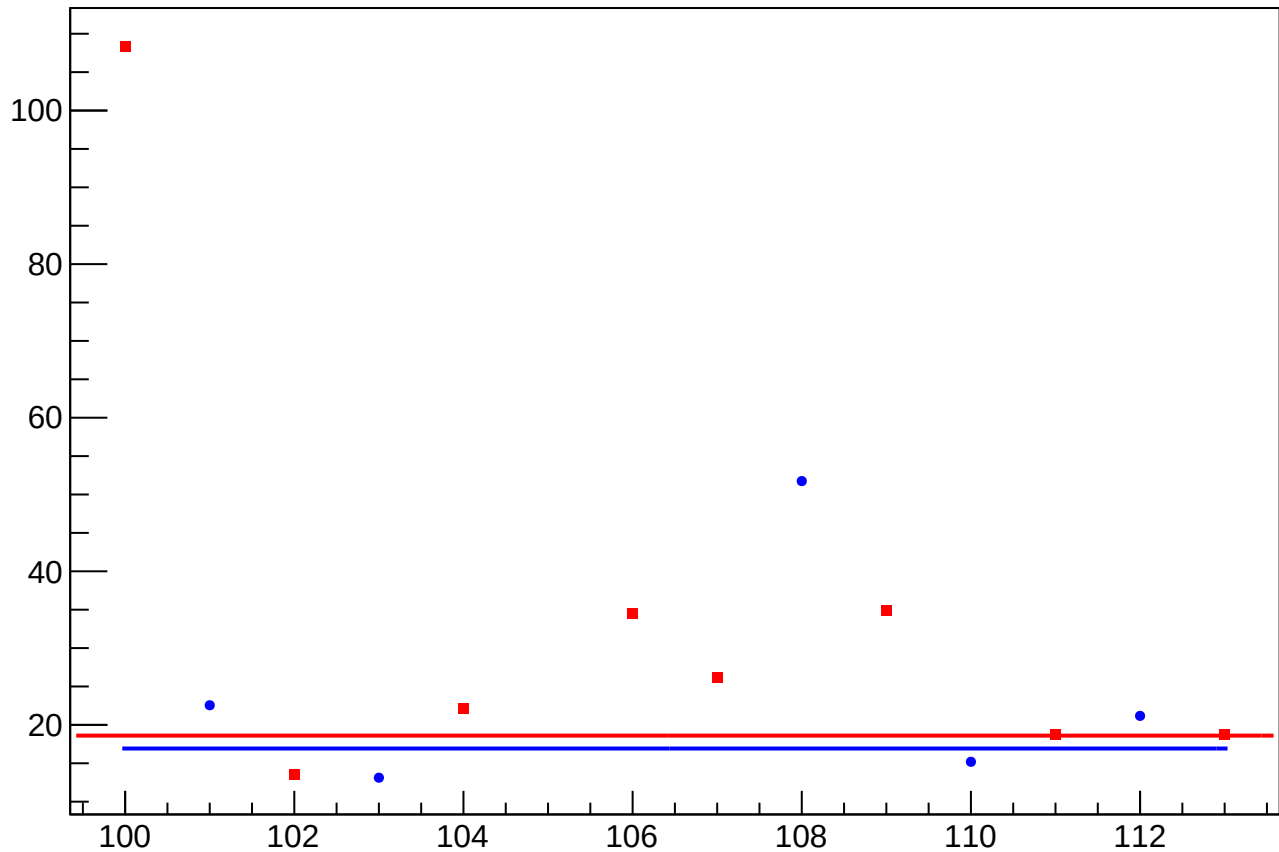
Right: 0.003+/-0.009 χ^2/NDF : 20.7/12

In: -0.021+/-0.012 χ^2/NDF :5.5/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.009 χ^2/NDF : 20.7/12

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: 18.603+/-0.008 χ^2/NDF : 600440.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

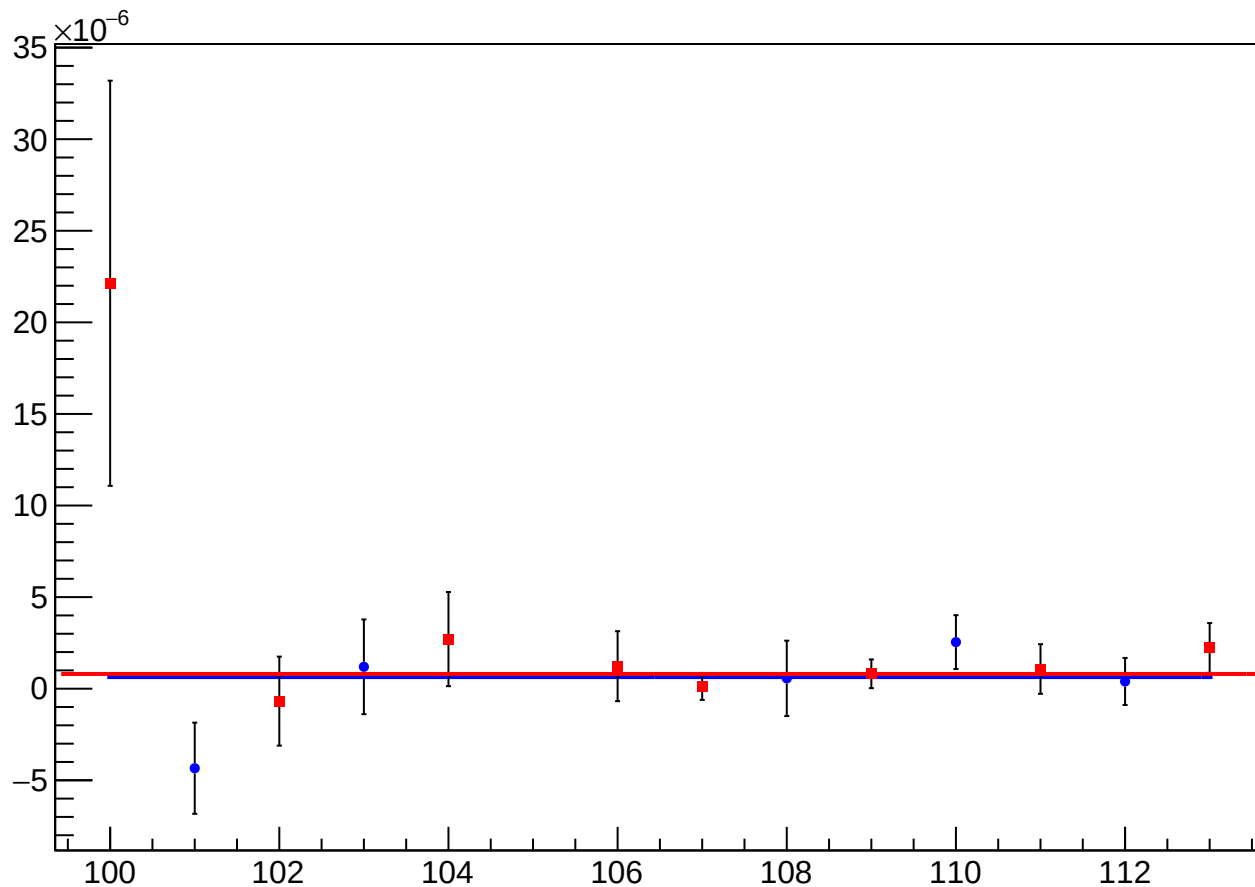
Right: 17.783+/-0.006 χ^2/NDF : 1097870.8/12

In: 16.923+/-0.009 χ^2/NDF : 477977.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.783+/-0.006 χ^2/NDF : 1097870.8/12

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

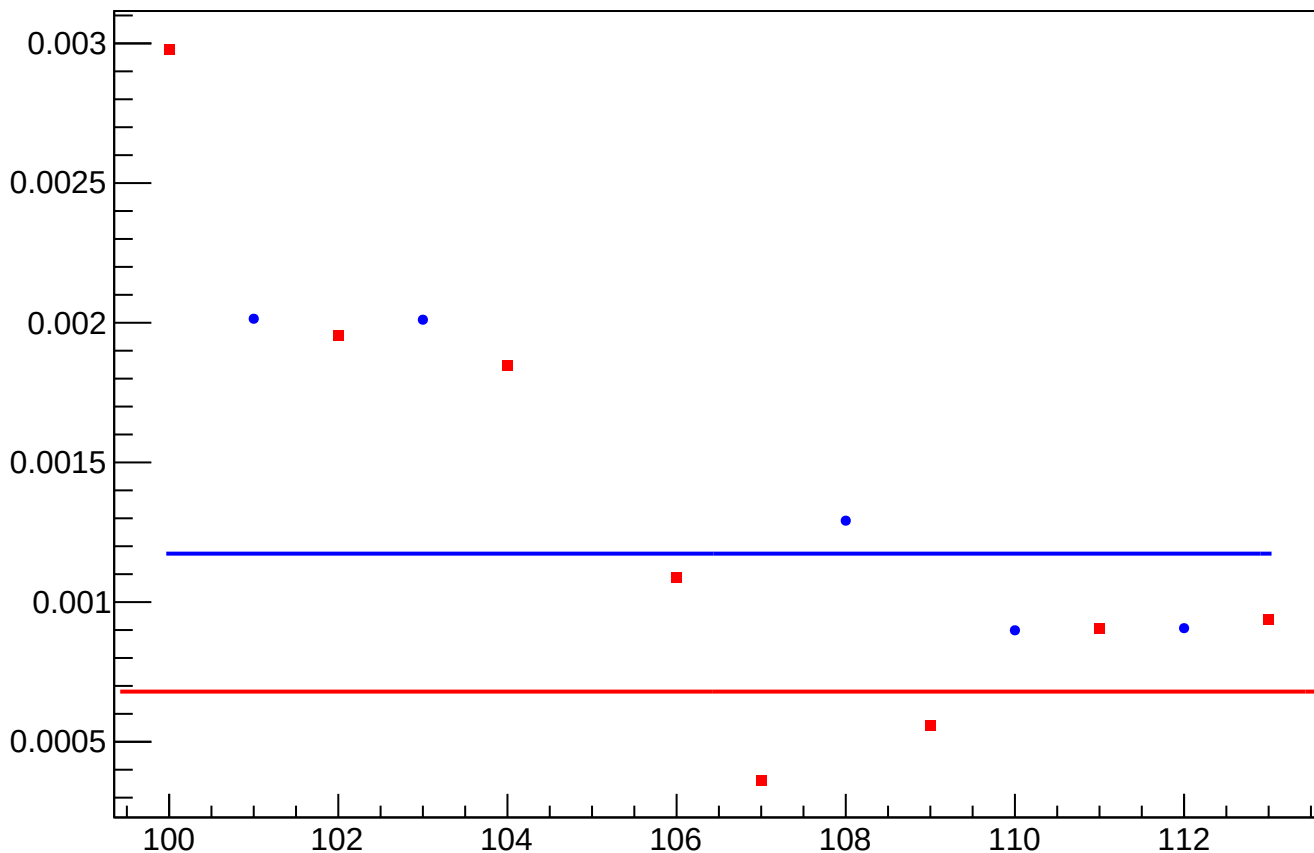
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.5/12

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.5/12

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 : 1692189.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

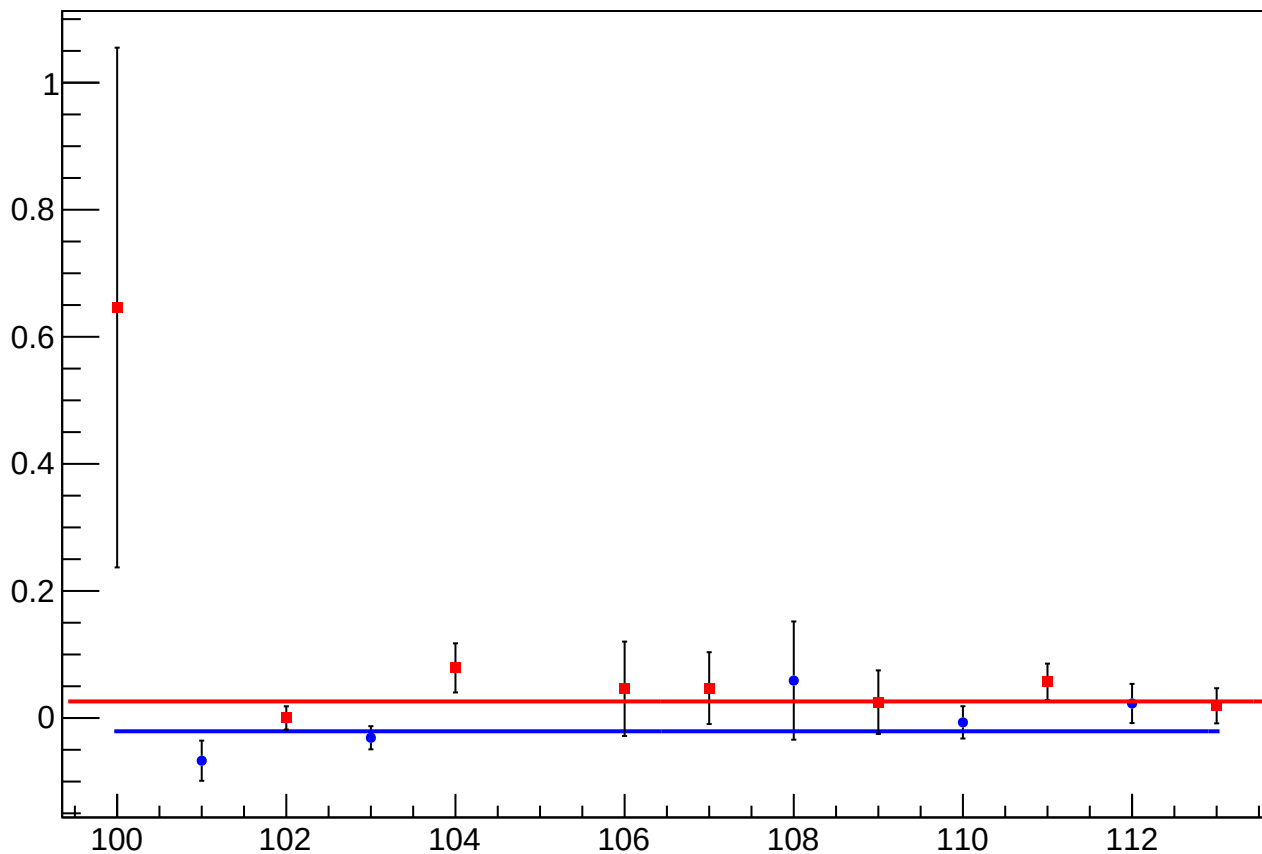
Right: 0.001+/-0.000 χ^2/NDF : 2893901.9/12

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 : 2893901.9/12

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.012 χ^2/NDF : 5.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.026+/-0.012 χ^2/NDF : 7.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

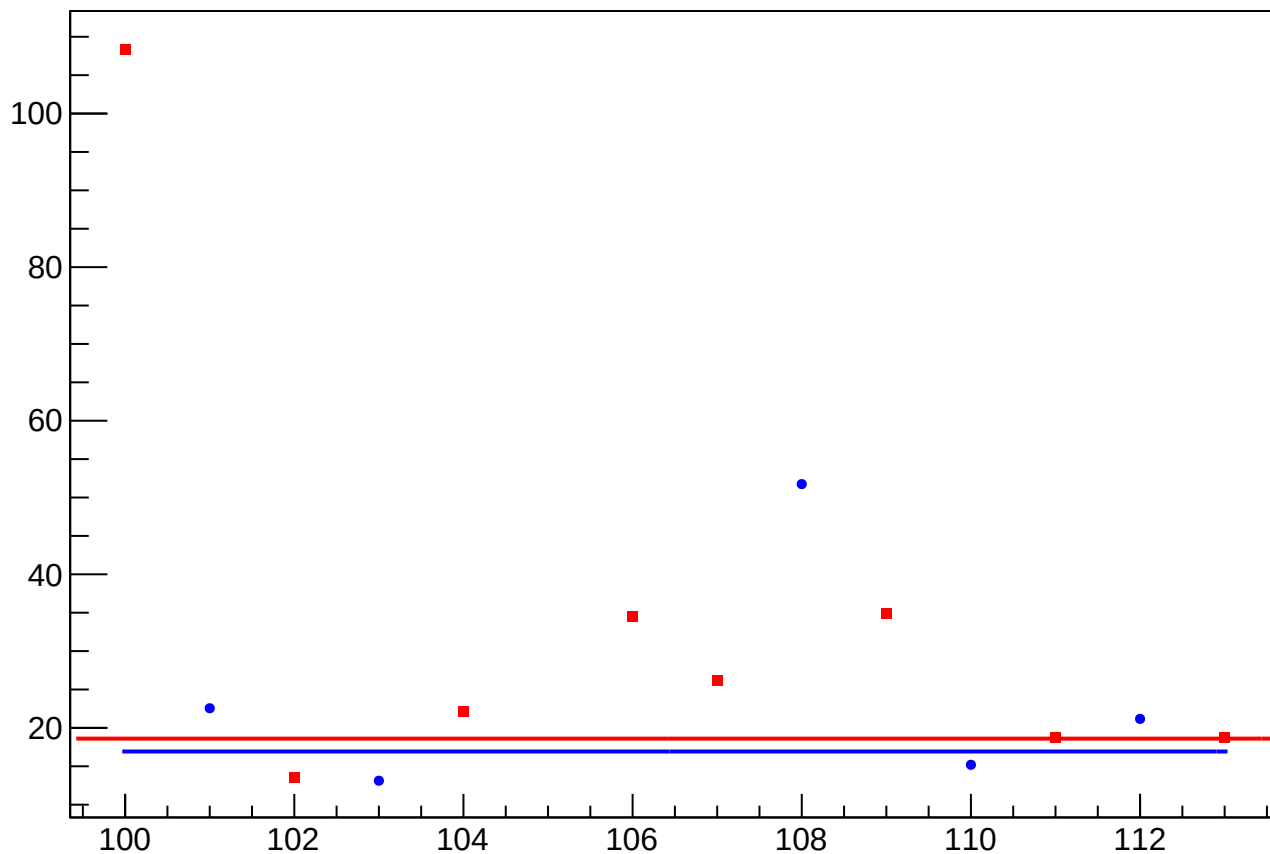
Right: 0.003+/-0.009 χ^2/NDF : 20.7/12

In: -0.021+/-0.012 χ^2/NDF : 5.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.009 χ^2/NDF : 20.7/12

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: 18.604+/-0.008 χ^2/NDF : 600351.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

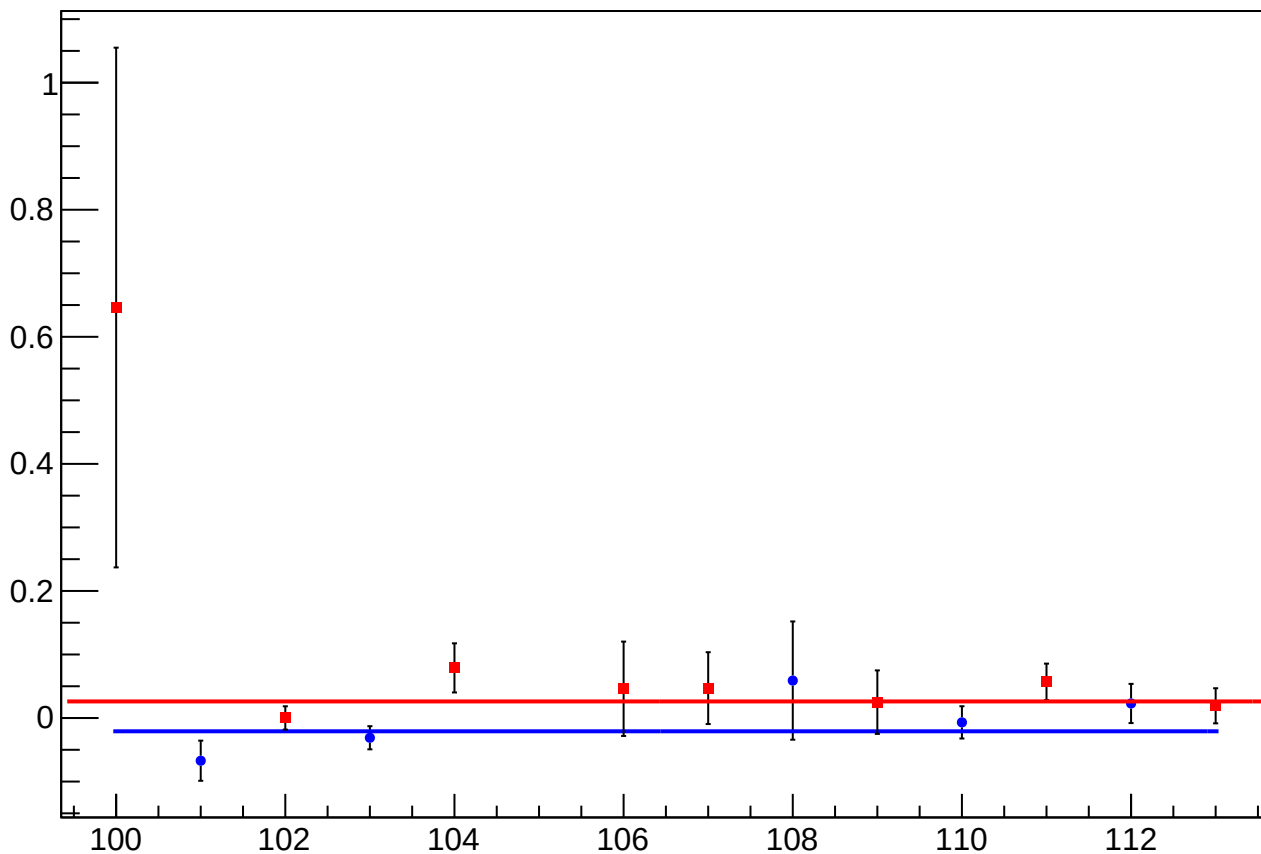
Right: 17.784+/-0.006 χ^2/NDF : 1097780.5/12

In: 16.924+/-0.009 χ^2/NDF : 477968.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.784+/-0.006 χ^2/NDF : 1097780.5/12

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 ± 0.012 χ^2/NDF : 5.5/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.026 ± 0.012 χ^2/NDF : 7.6/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

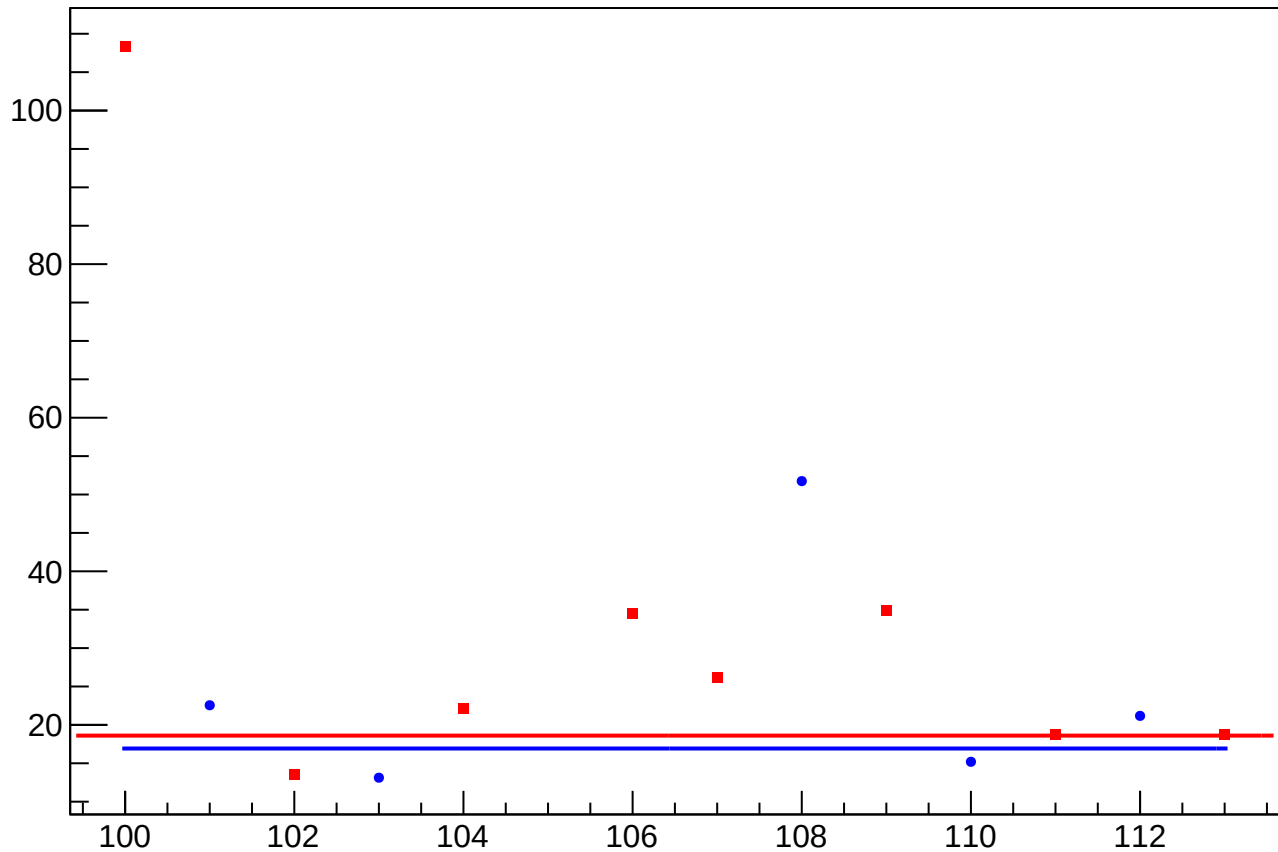
Right: 0.003 ± 0.009 χ^2/NDF : 20.7/12

In: -0.021 ± 0.012 χ^2/NDF : 5.5/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.003 ± 0.009 χ^2/NDF : 20.7/12

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: 18.604+/-0.008 χ^2/NDF : 600351.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

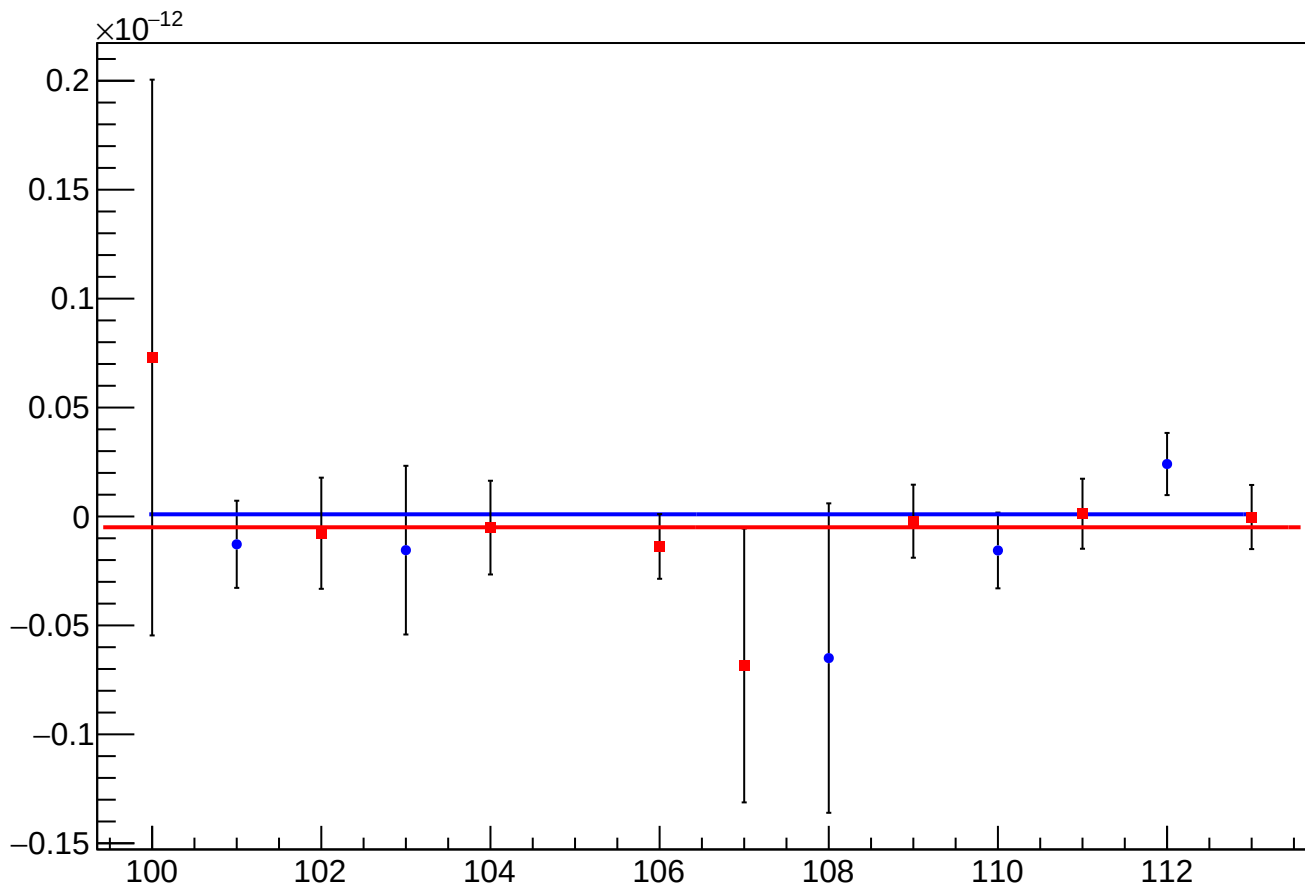
Right: 17.784+/-0.006 χ^2/NDF : 1097780.5/12

In: 16.924+/-0.009 χ^2/NDF : 477968.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.784+/-0.006 χ^2/NDF : 1097780.5/12

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 : 2.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

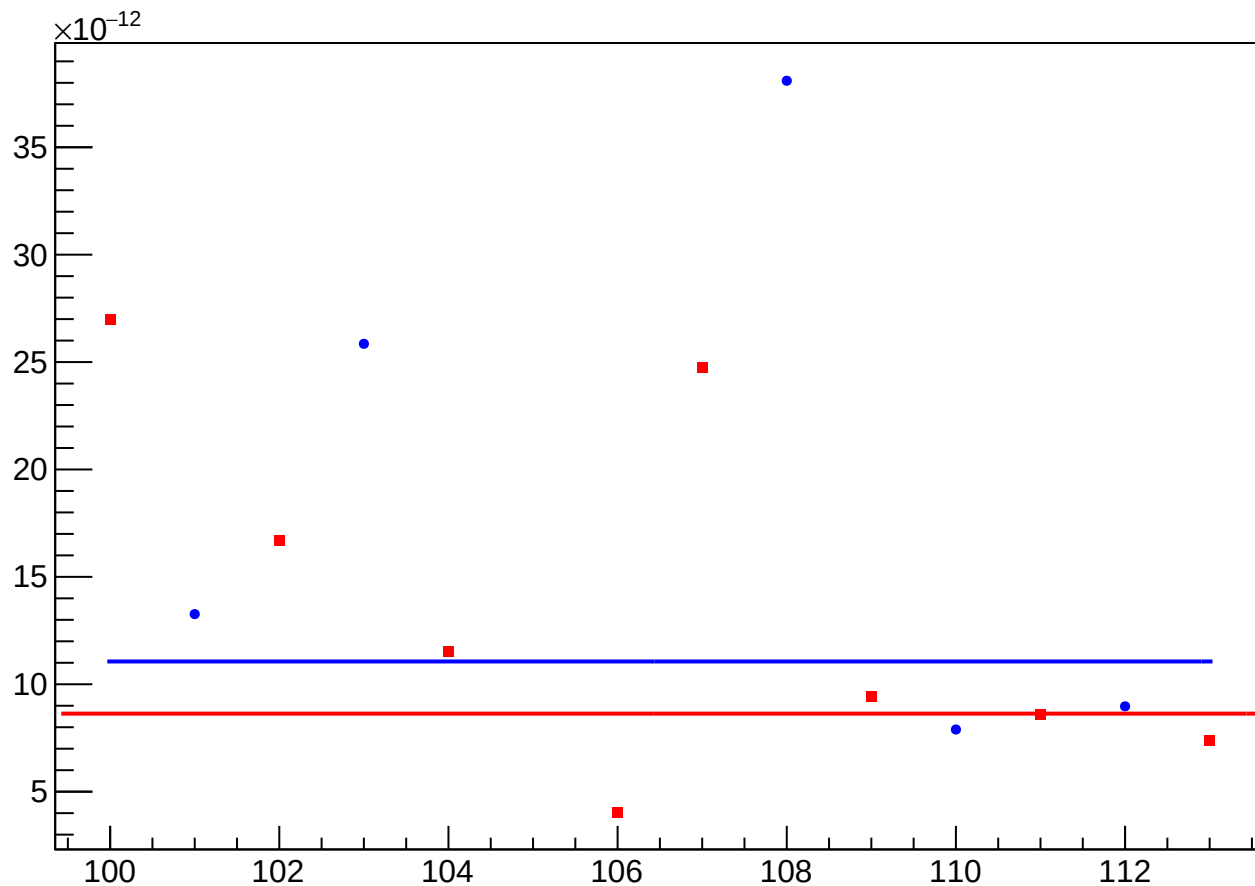
Right: -0.000+/-0.000 χ^2/NDF : 7.3/12

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 : 7.3/12

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 : 619593.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

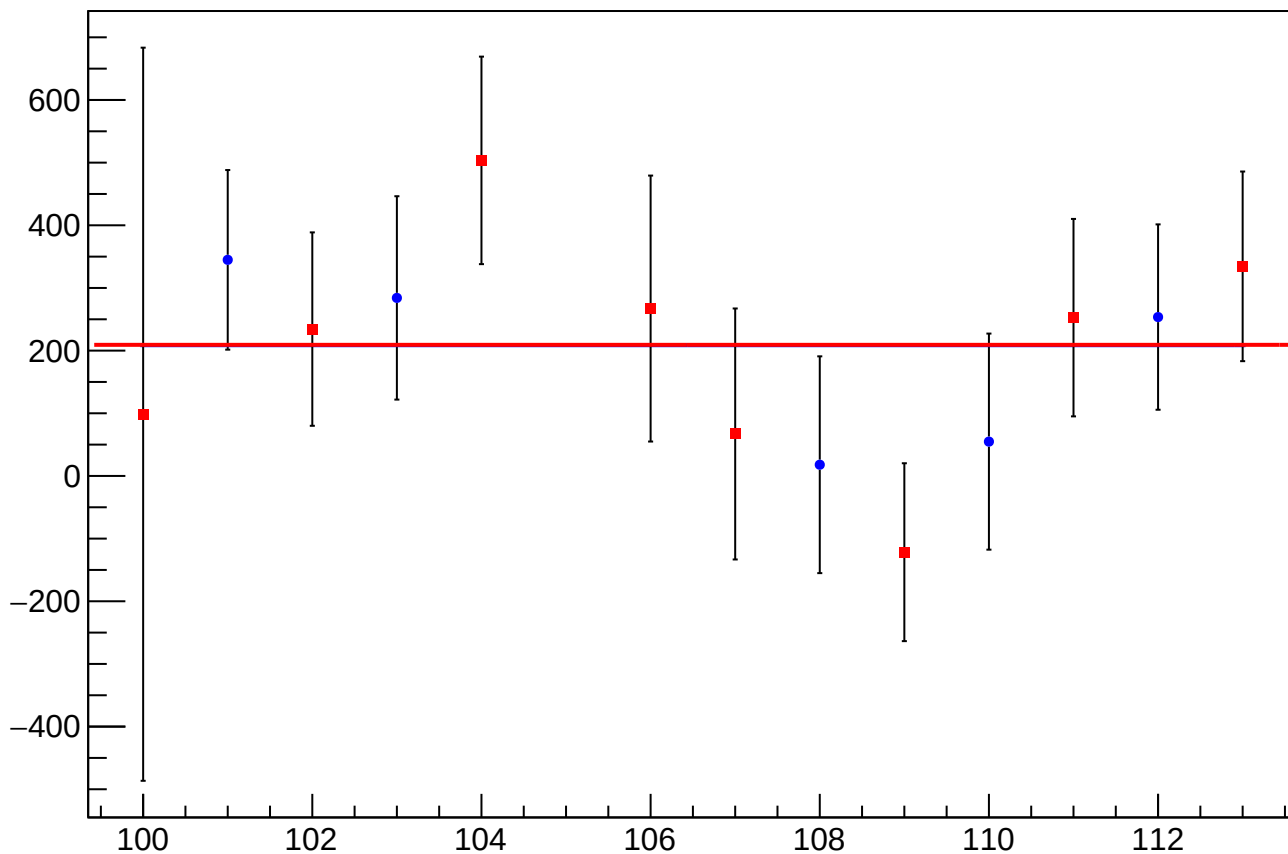
Right: 0.000+/-0.000 χ^2/NDF : 1422211.2/12

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 : 1422211.2/12

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 208.644 $\pm$ 70.813 χ^2 /NDF: 3.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 209.230 $\pm$ 61.768 χ^2 /NDF: 10.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

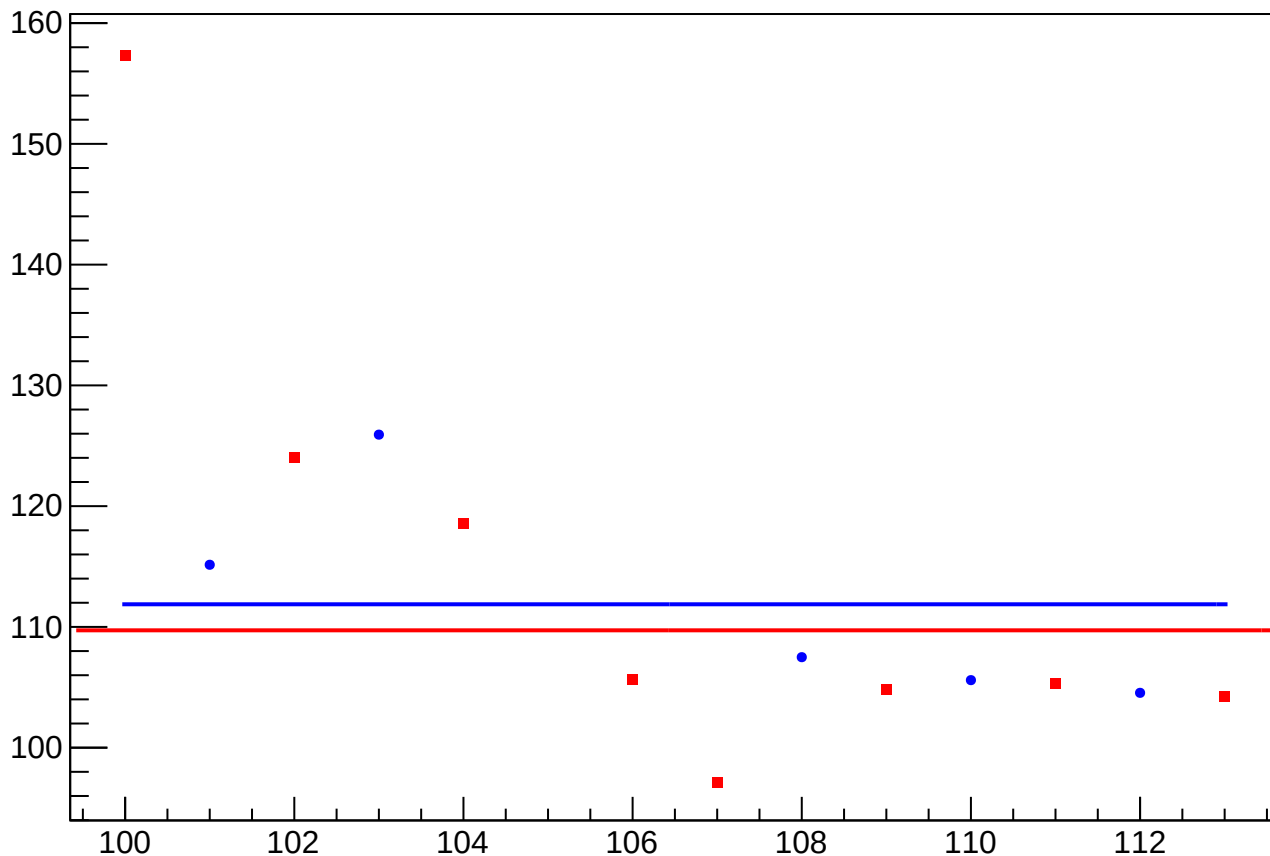
Right: 208.977 $\pm$ 46.548 χ^2 /NDF: 13.2/12

In: 208.644 $\pm$ 70.813 χ^2 /NDF:3.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 208.977 $\pm$ 46.548 χ^2 /NDF: 13.2/12

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: 109.718+/-0.044 χ^2/NDF : 51437.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

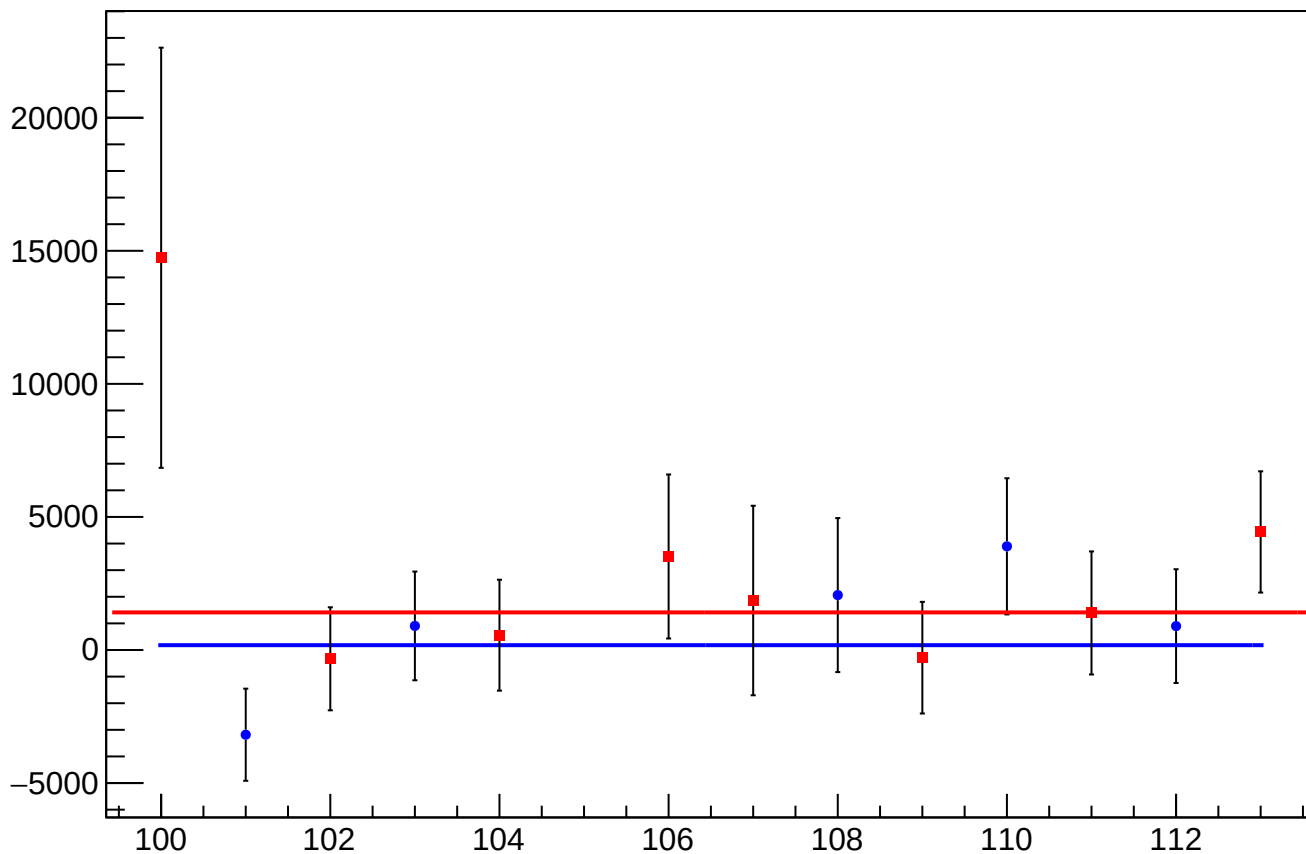
Right: 110.649+/-0.033 χ^2/NDF : 77371.1/12

In: 111.874+/-0.050 χ^2/NDF : 24881.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.649+/-0.033 χ^2/NDF : 77371.1/12

asym_sam_24_68_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 180.885 $\pm$ 969.229 χ^2 /NDF: 6.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1412.267 $\pm$ 875.618 χ^2 /NDF: 6.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

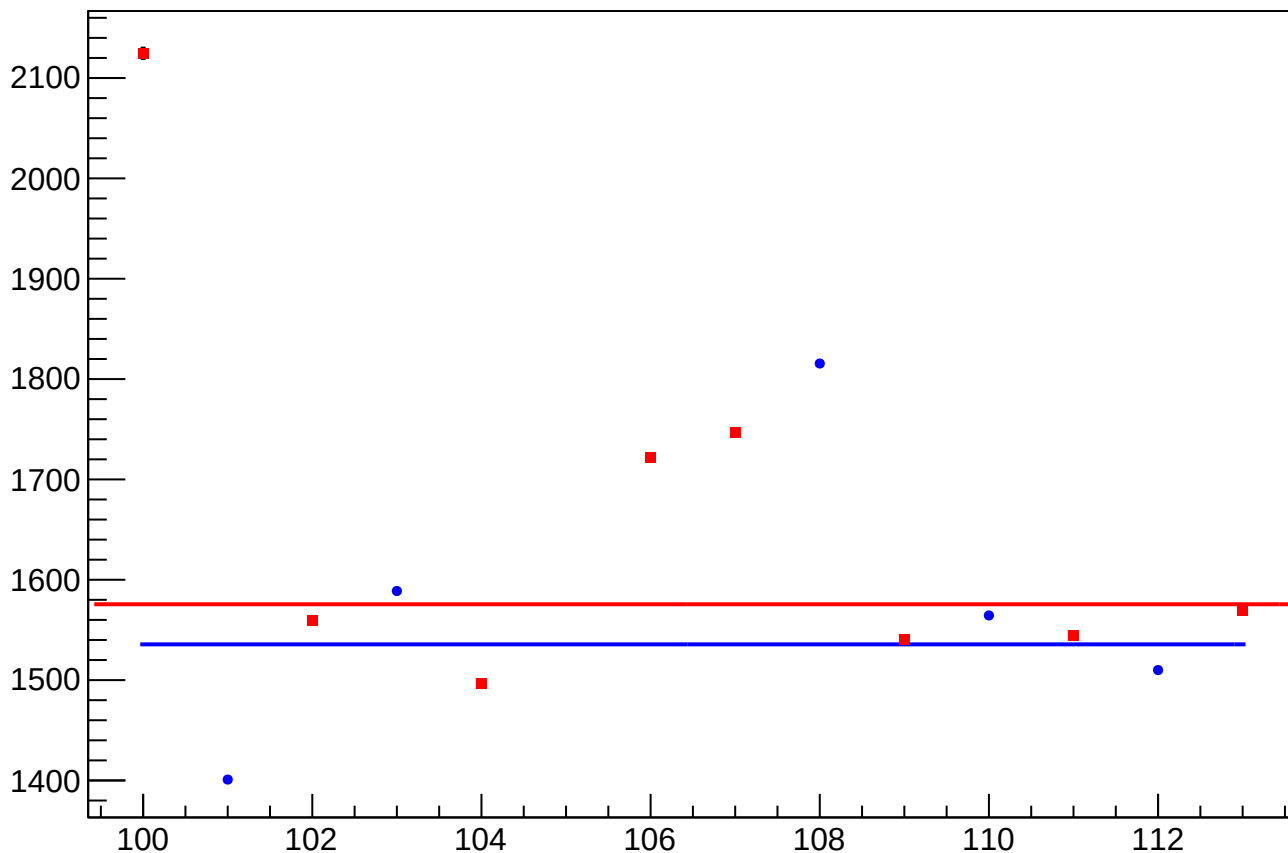
Right: 858.898 $\pm$ 649.736 χ^2 /NDF: 14.2/12

In: 180.885 $\pm$ 969.229 χ^2 /NDF: 6.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 858.898 $\pm$ 649.736 χ^2 /NDF: 14.2/12

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: 1575.599+/-0.619 χ^2/NDF : 22824.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

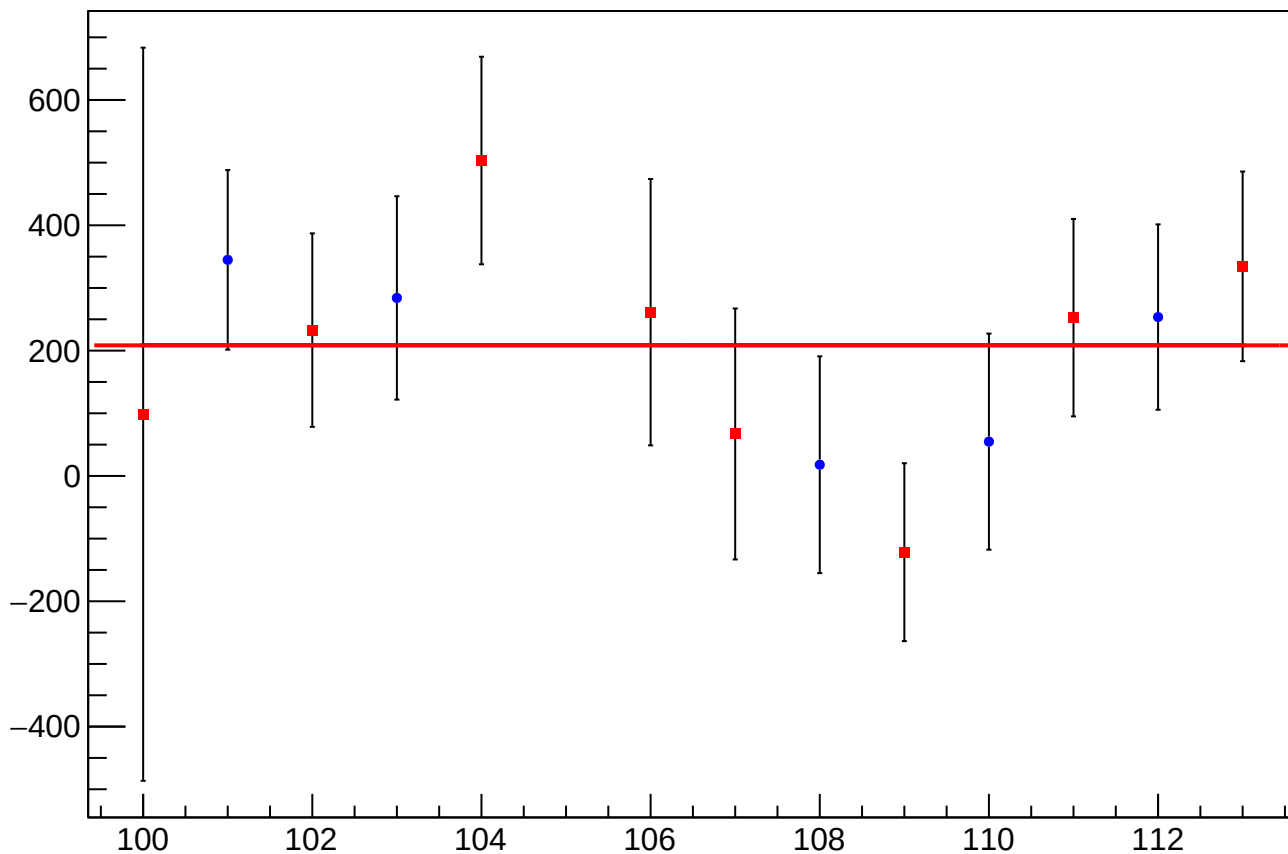
Right: 1557.639+/-0.459 χ^2/NDF : 57417.0/12

In: 1535.633+/-0.685 χ^2/NDF : 32720.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1557.639+/-0.459 χ^2/NDF : 57417.0/12

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: 208.433 $\pm$ 61.780 χ^2 /NDF: 10.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

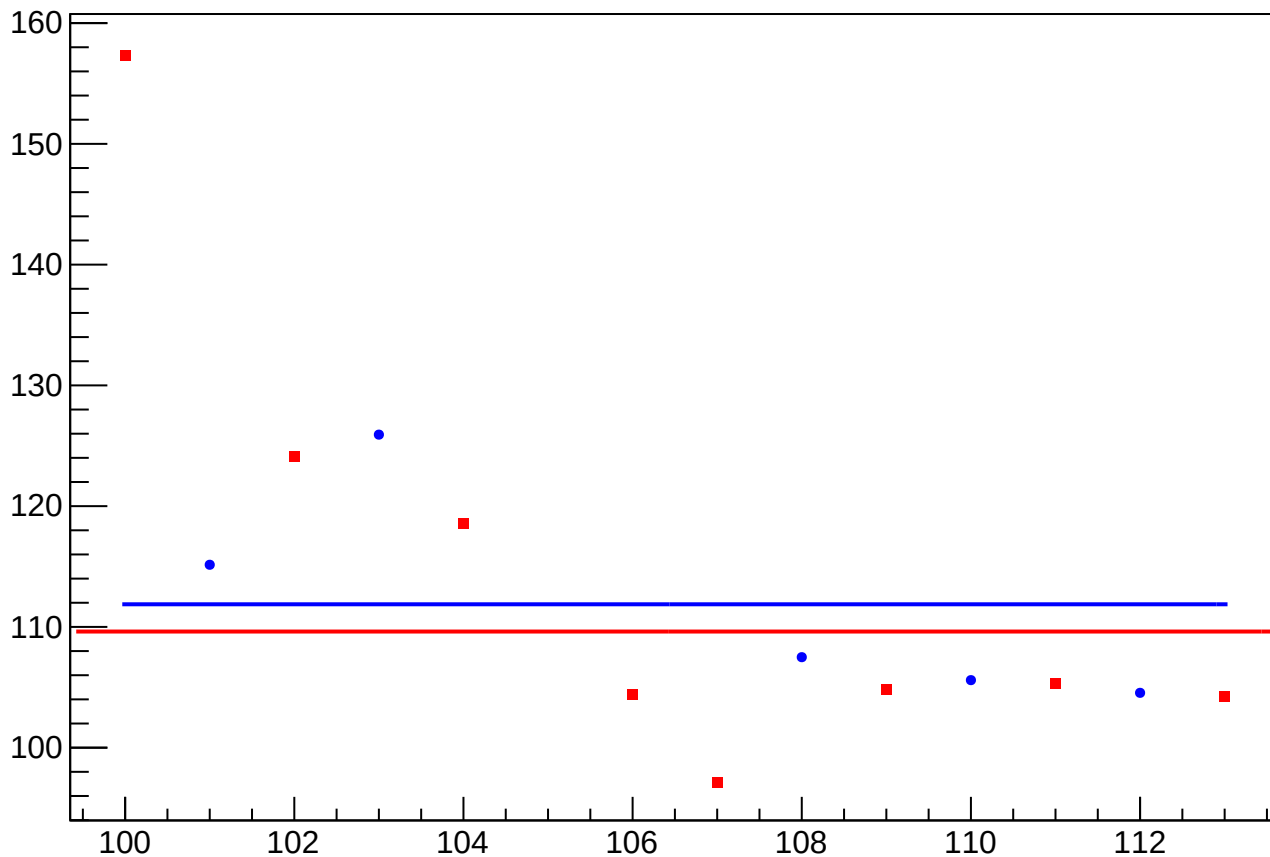
Right: 208.523 $\pm$ 46.553 χ^2 /NDF: 13.2/12

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: 208.523 $\pm$ 46.553 χ^2 /NDF: 13.2/12

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: 109.617+/-0.044 χ^2/NDF : 52088.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

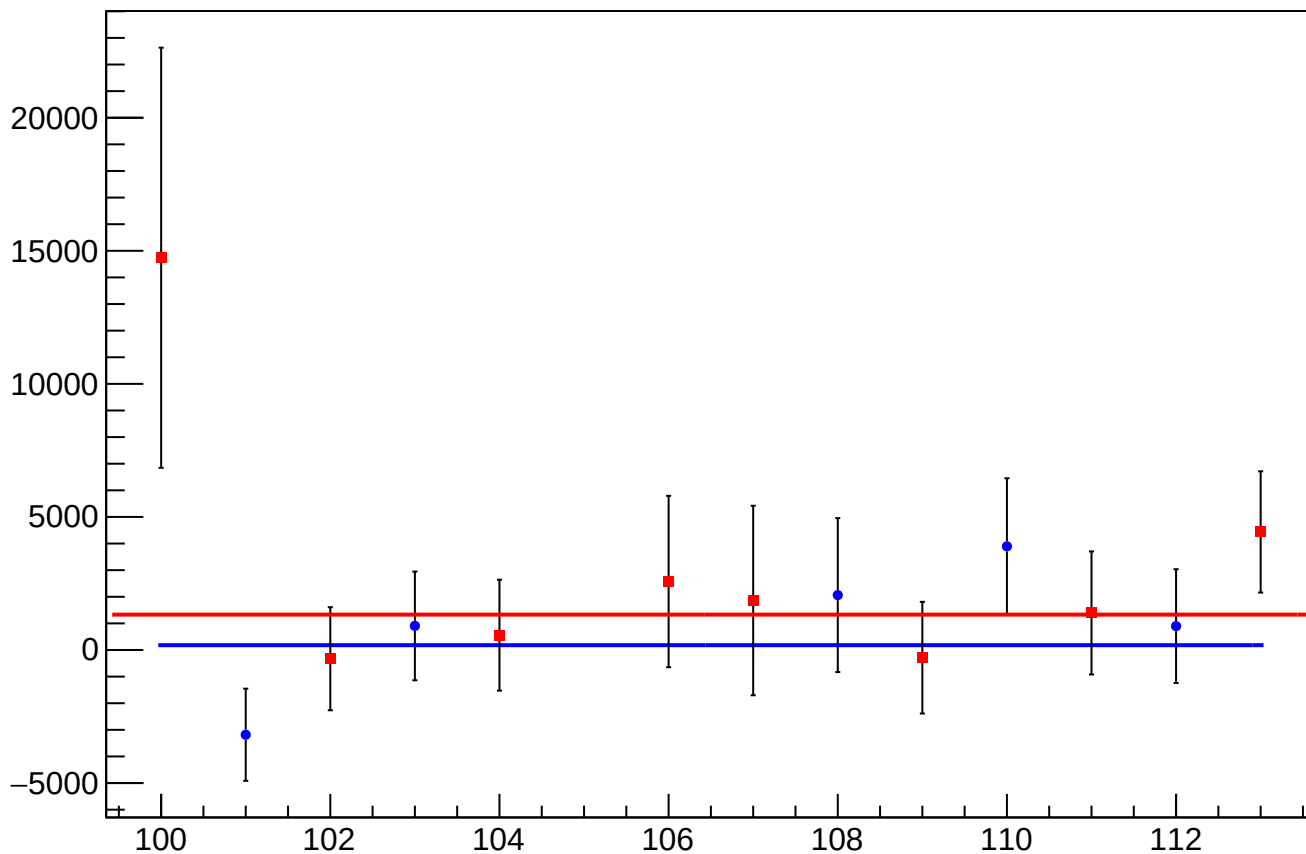
Right: 110.593+/-0.033 χ^2/NDF : 78124.1/12

In: 111.874+/-0.050 χ^2/NDF : 24882.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.593+/-0.033 χ^2/NDF : 78124.1/12

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: 1328.892+/-878.681 χ^2/NDF : 6.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

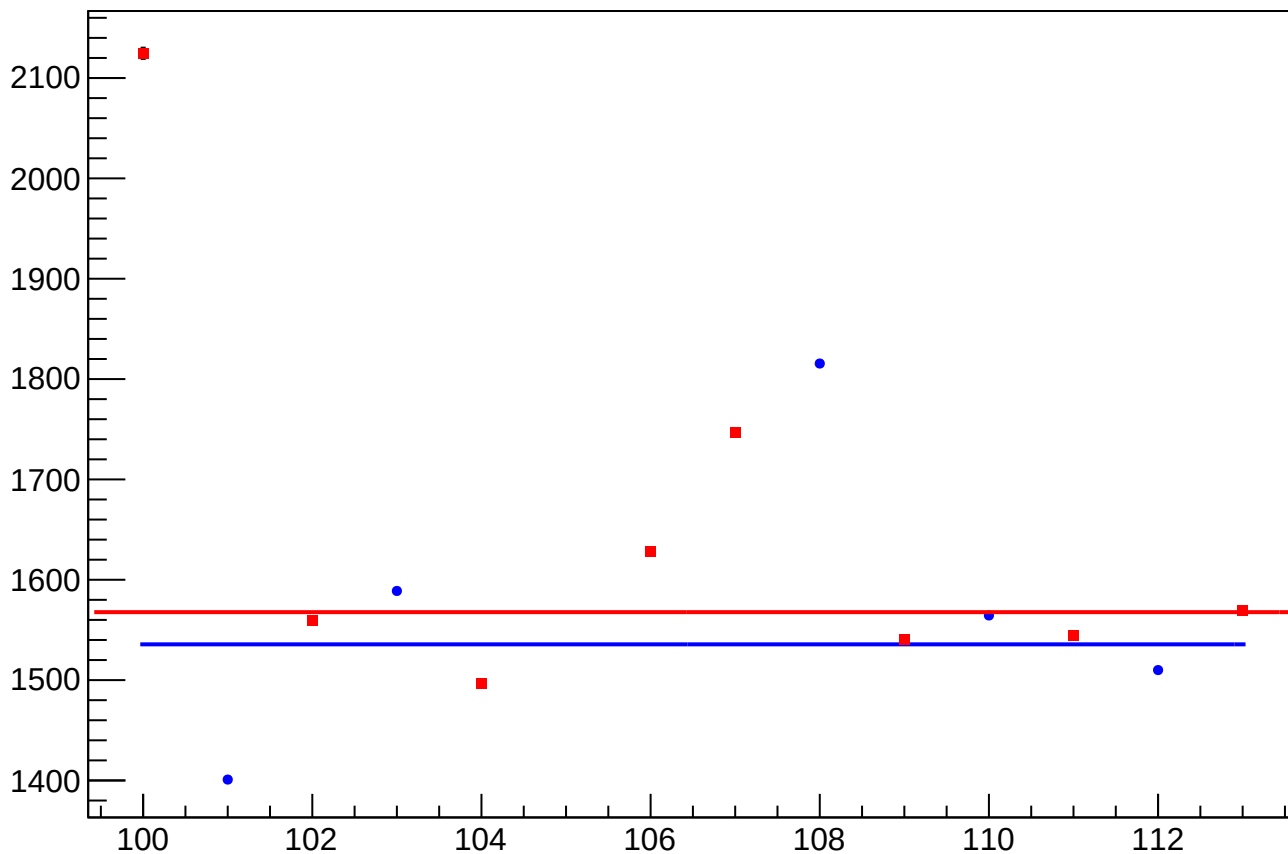
Right: 811.056+/-650.988 χ^2/NDF : 13.7/12

In: 180.983+/-969.237 χ^2/NDF : 6.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 811.056+/-650.988 χ^2/NDF : 13.7/12

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: 1567.725 $\pm$ 0.621 χ^2 /NDF: 18651.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

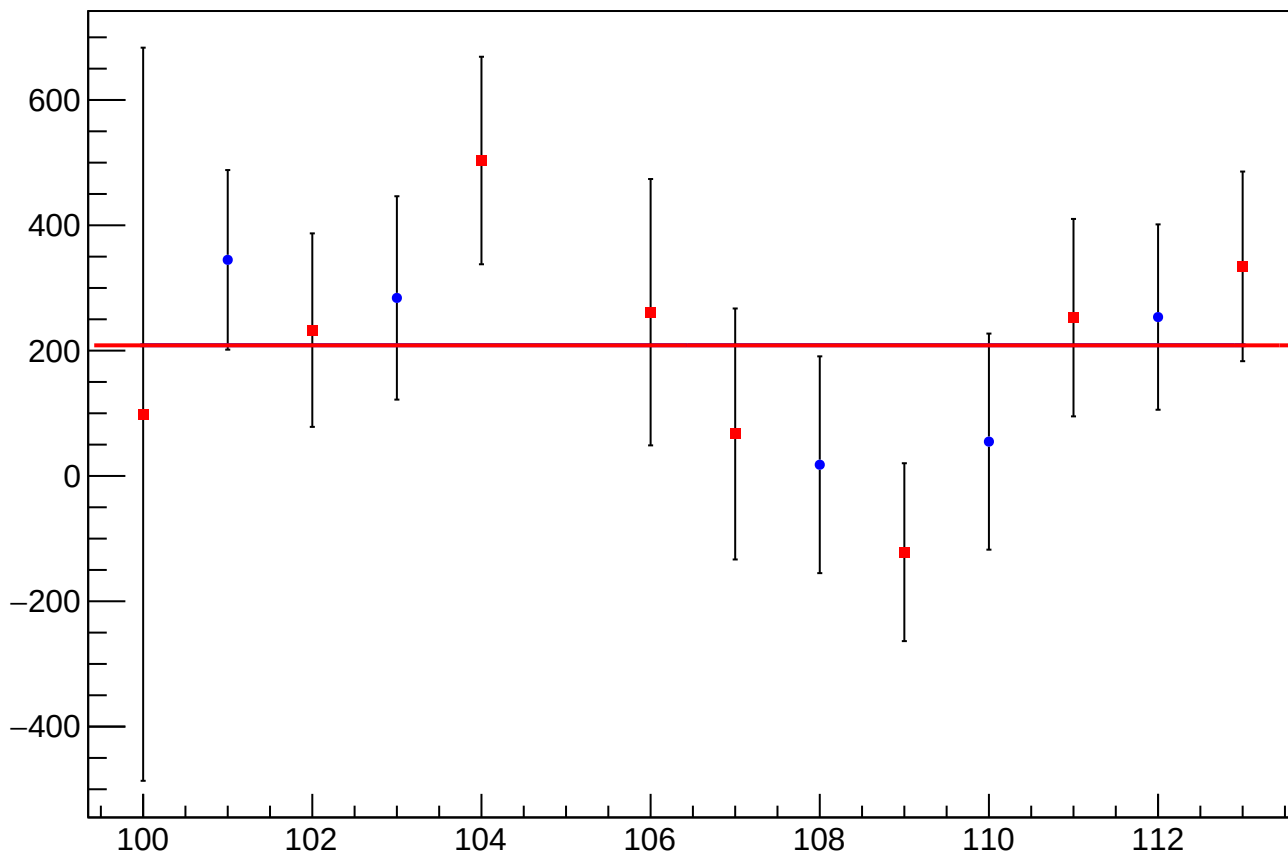
Right: 1553.254 $\pm$ 0.460 χ^2 /NDF: 52576.6/12

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: 1553.254 $\pm$ 0.460 χ^2 /NDF: 52576.6/12

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: 208.433 $\pm$ 61.780 χ^2 /NDF: 10.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

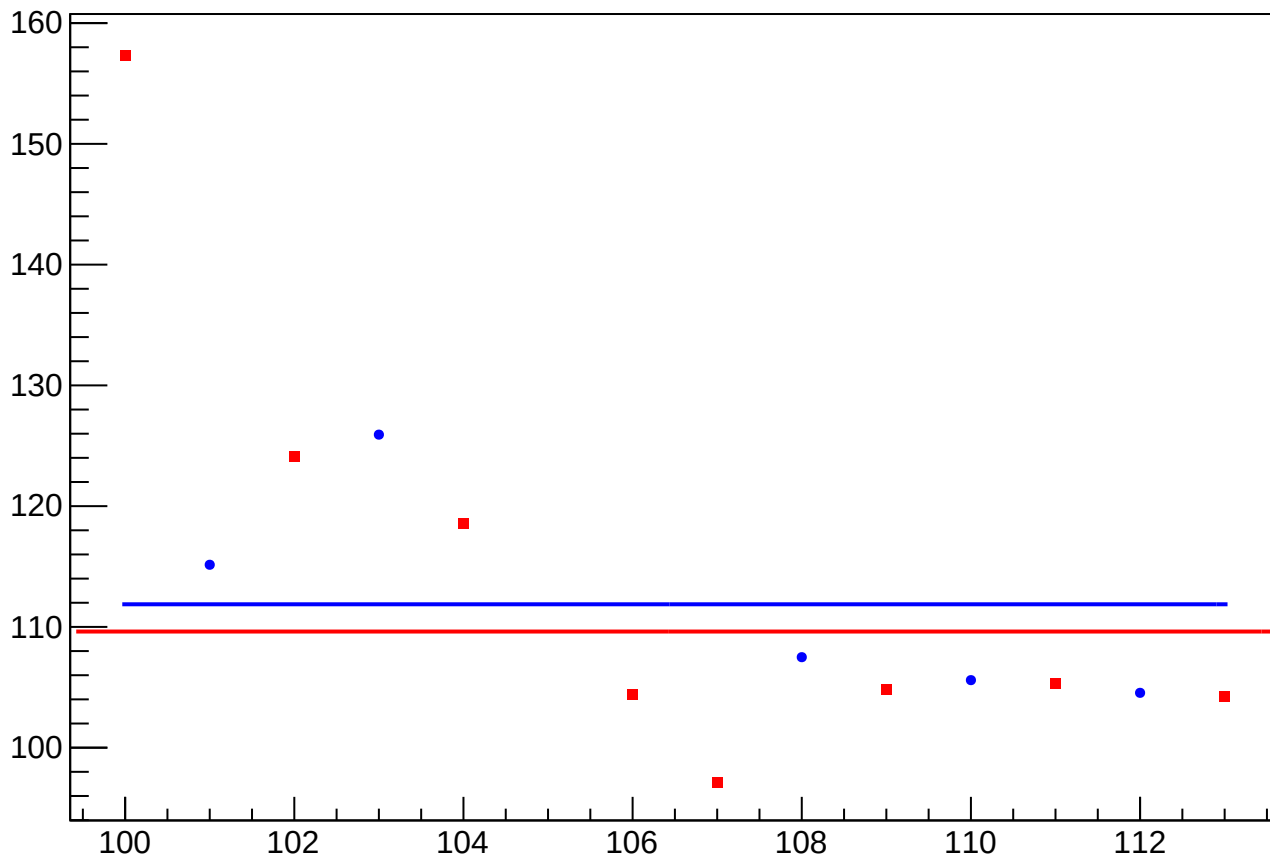
Right: 208.523 $\pm$ 46.553 χ^2 /NDF: 13.2/12

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: 208.523 $\pm$ 46.553 χ^2 /NDF: 13.2/12

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: 109.617+/-0.044 χ^2/NDF : 52088.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

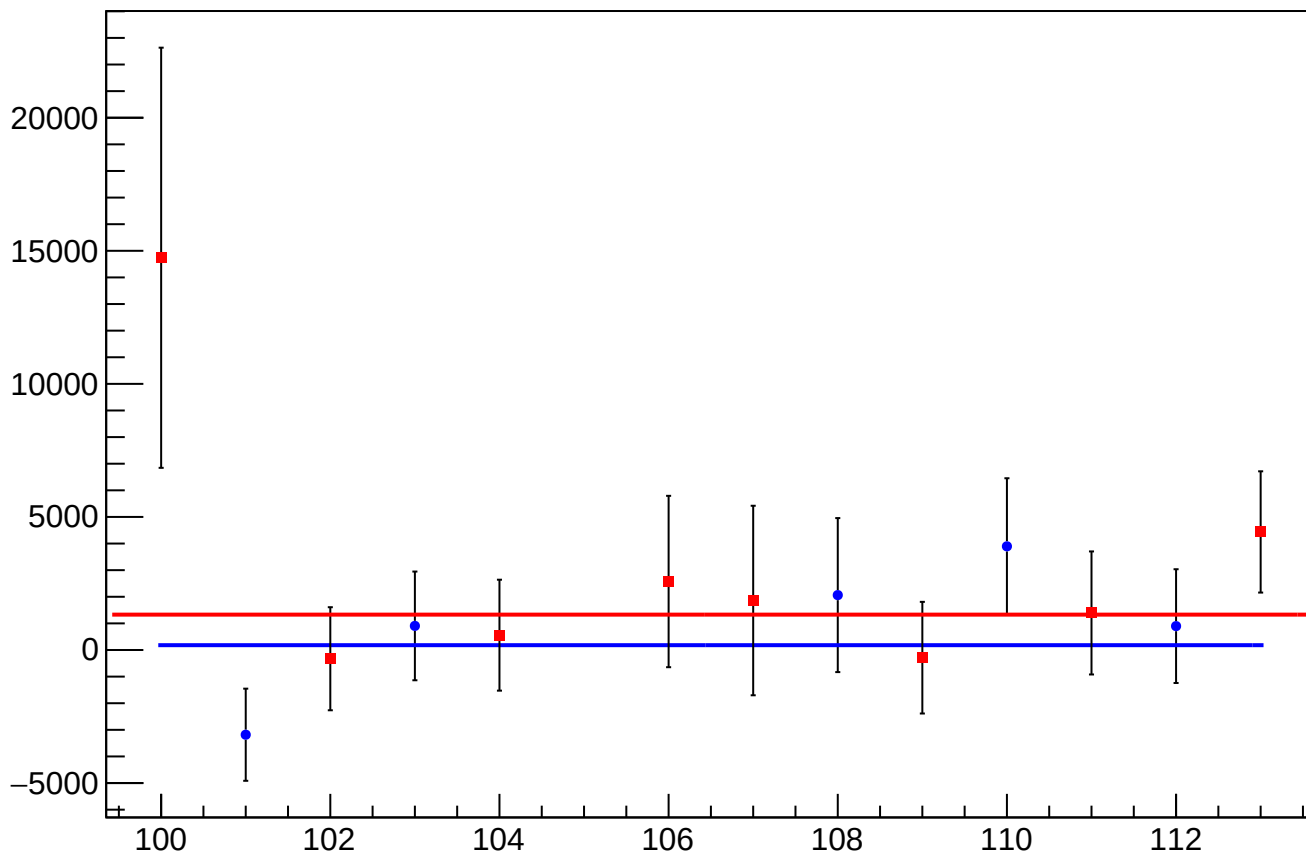
Right: 110.593+/-0.033 χ^2/NDF : 78124.1/12

In: 111.874+/-0.050 χ^2/NDF : 24882.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.593+/-0.033 χ^2/NDF : 78124.1/12

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: 1328.892+/-878.681 χ^2/NDF : 6.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

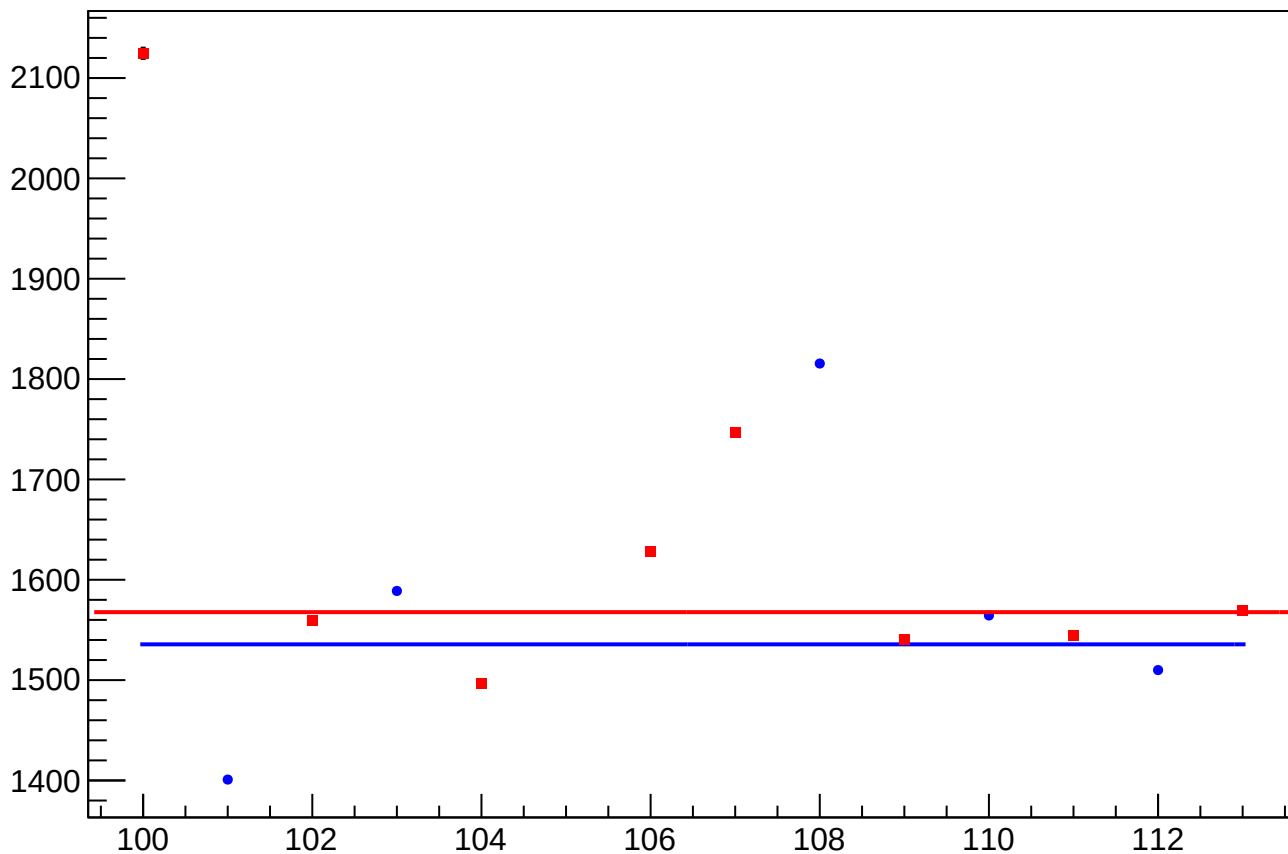
Right: 811.056+/-650.988 χ^2/NDF : 13.7/12

In: 180.983+/-969.237 χ^2/NDF : 6.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 811.056+/-650.988 χ^2/NDF : 13.7/12

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: 1567.725+/-0.621 χ^2/NDF : 18651.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

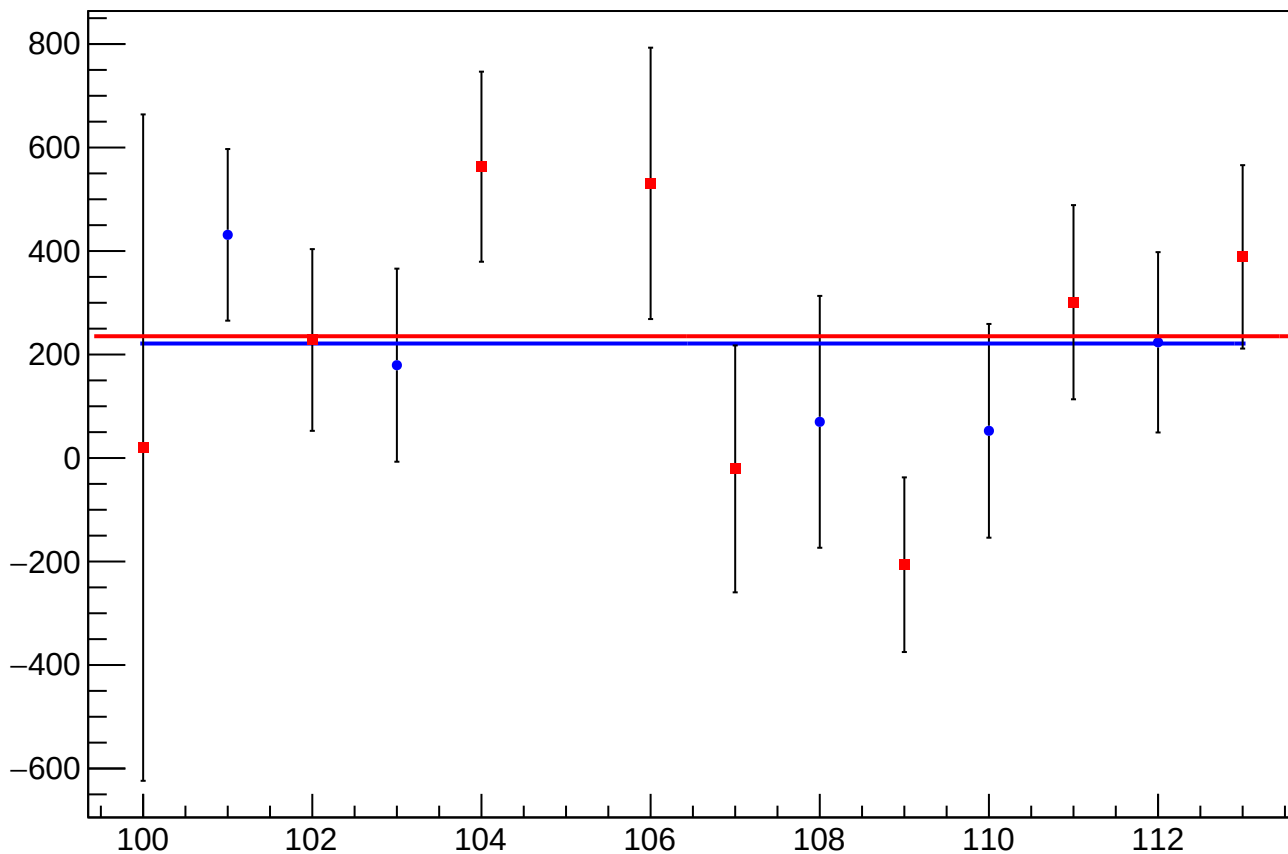
Right: 1553.254+/-0.460 χ^2/NDF : 52576.6/12

In: 1535.646+/-0.685 χ^2/NDF : 32722.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1553.254+/-0.460 χ^2/NDF : 52576.6/12

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 221.273+/-85.015 χ^2/NDF : 2.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 235.347+/-72.176 χ^2/NDF : 13.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

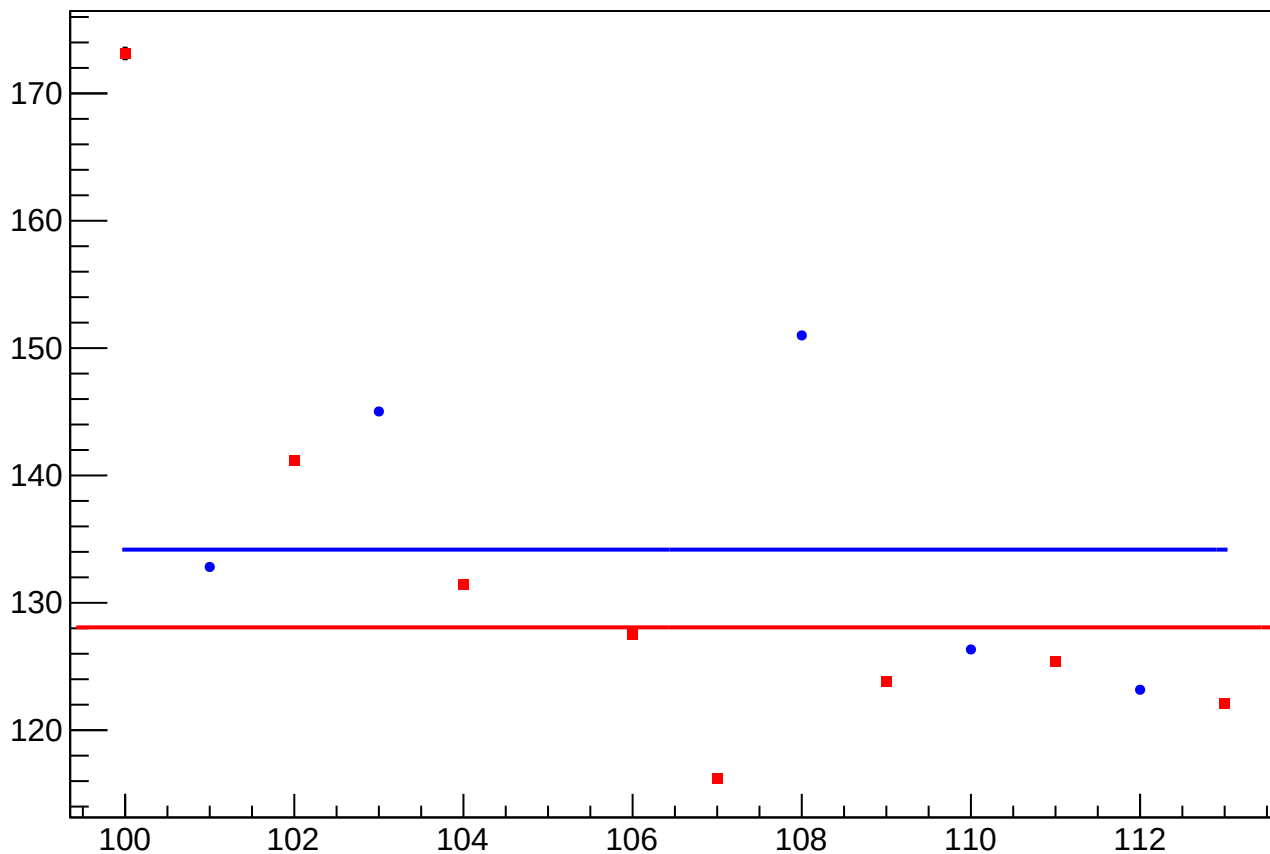
Right: 229.452+/-55.022 χ^2/NDF : 16.2/12

In: 221.273+/-85.015 χ^2/NDF : 2.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 229.452+/-55.022 χ^2/NDF : 16.2/12

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: 128.074+/-0.051 χ^2/NDF : 30477.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

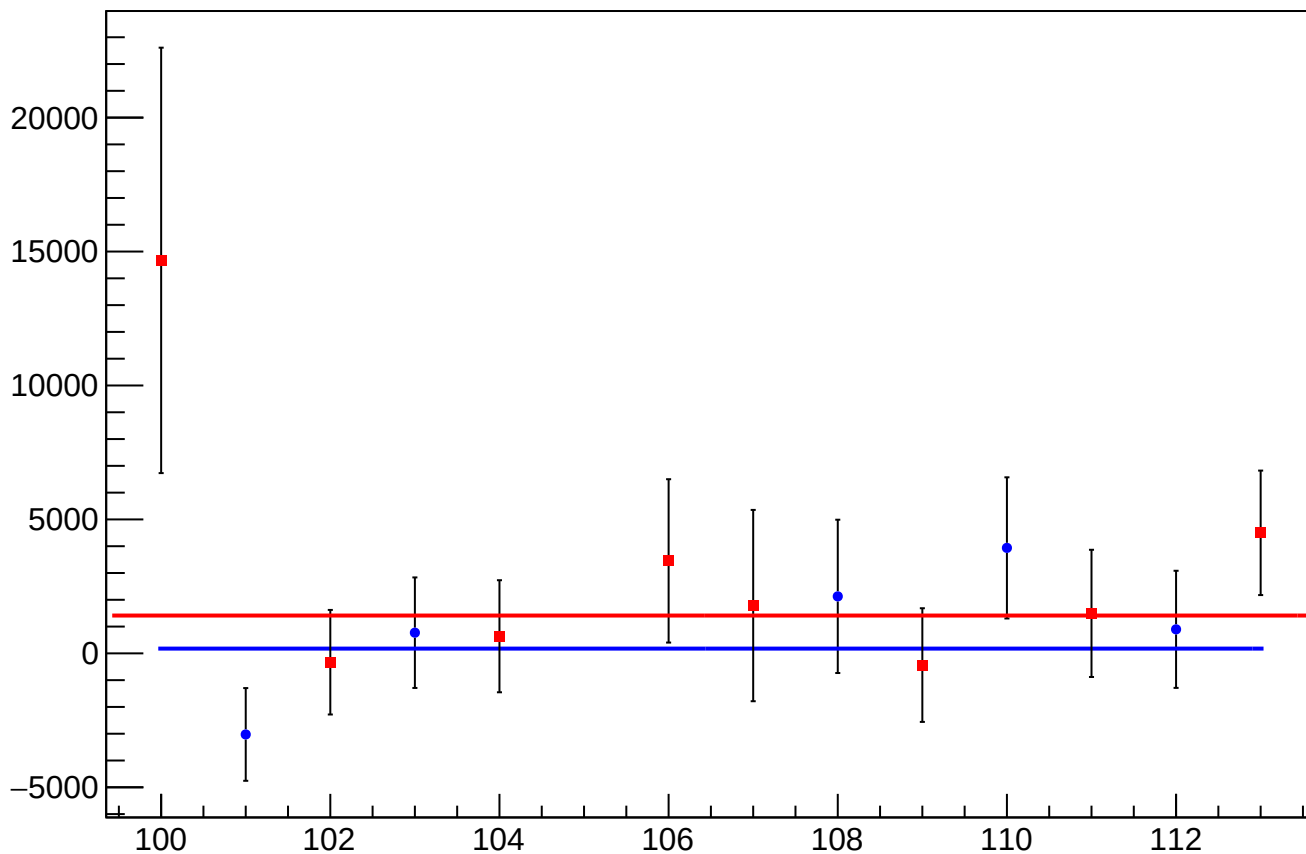
Right: 130.630+/-0.039 χ^2/NDF : 63777.2/12

In: 134.177+/-0.060 χ^2/NDF : 27309.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.630+/-0.039 χ^2/NDF : 63777.2/12

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: 1411.973+/-884.682 χ^2/NDF : 6.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

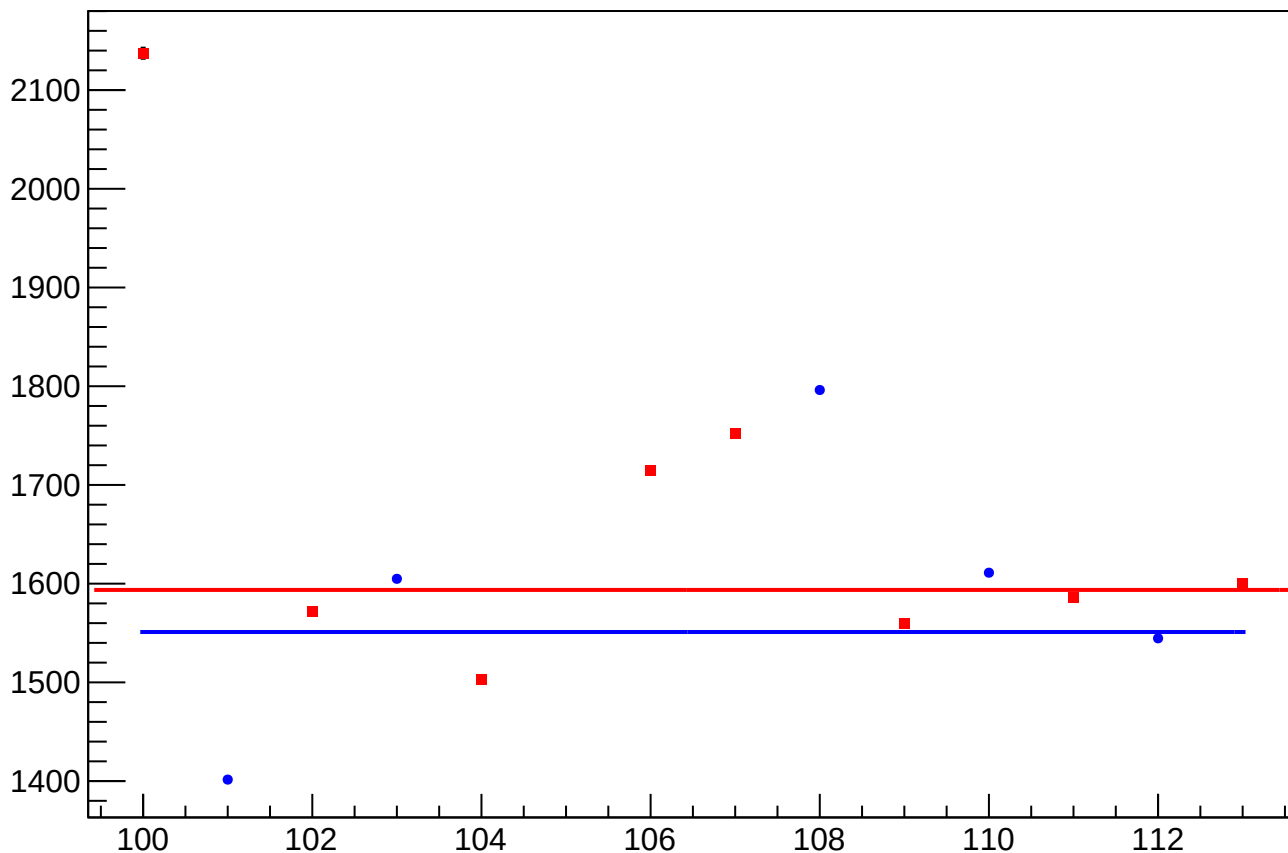
Right: 856.852+/-656.250 χ^2/NDF : 13.7/12

In: 177.669+/-978.558 χ^2/NDF : 6.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 856.852+/-656.250 χ^2/NDF : 13.7/12

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: 1593.648+/-0.626 χ^2/NDF : 21054.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

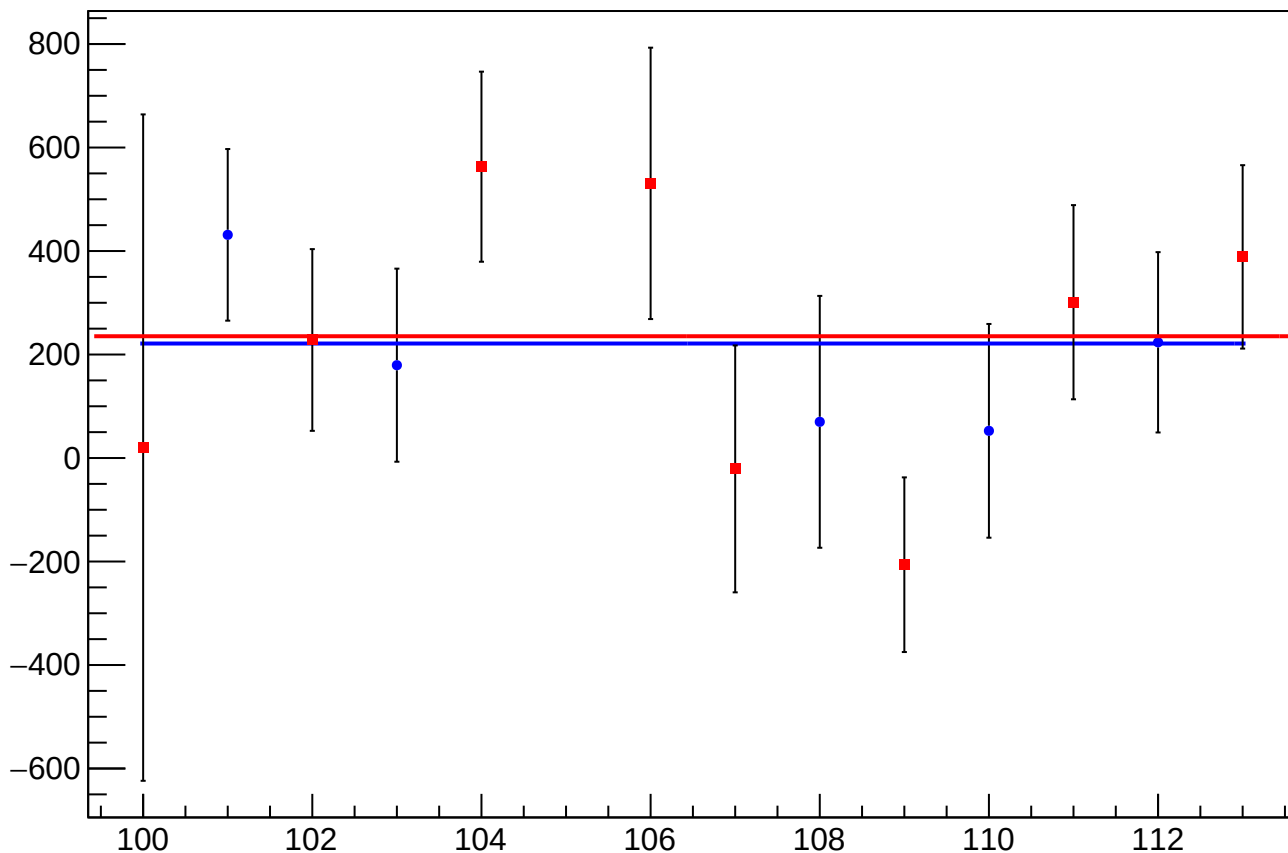
Right: 1574.479+/-0.464 χ^2/NDF : 55170.9/12

In: 1551.026+/-0.692 χ^2/NDF : 32028.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1574.479+/-0.464 χ^2/NDF : 55170.9/12

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: 235.342+/-72.176 χ^2/NDF : 13.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

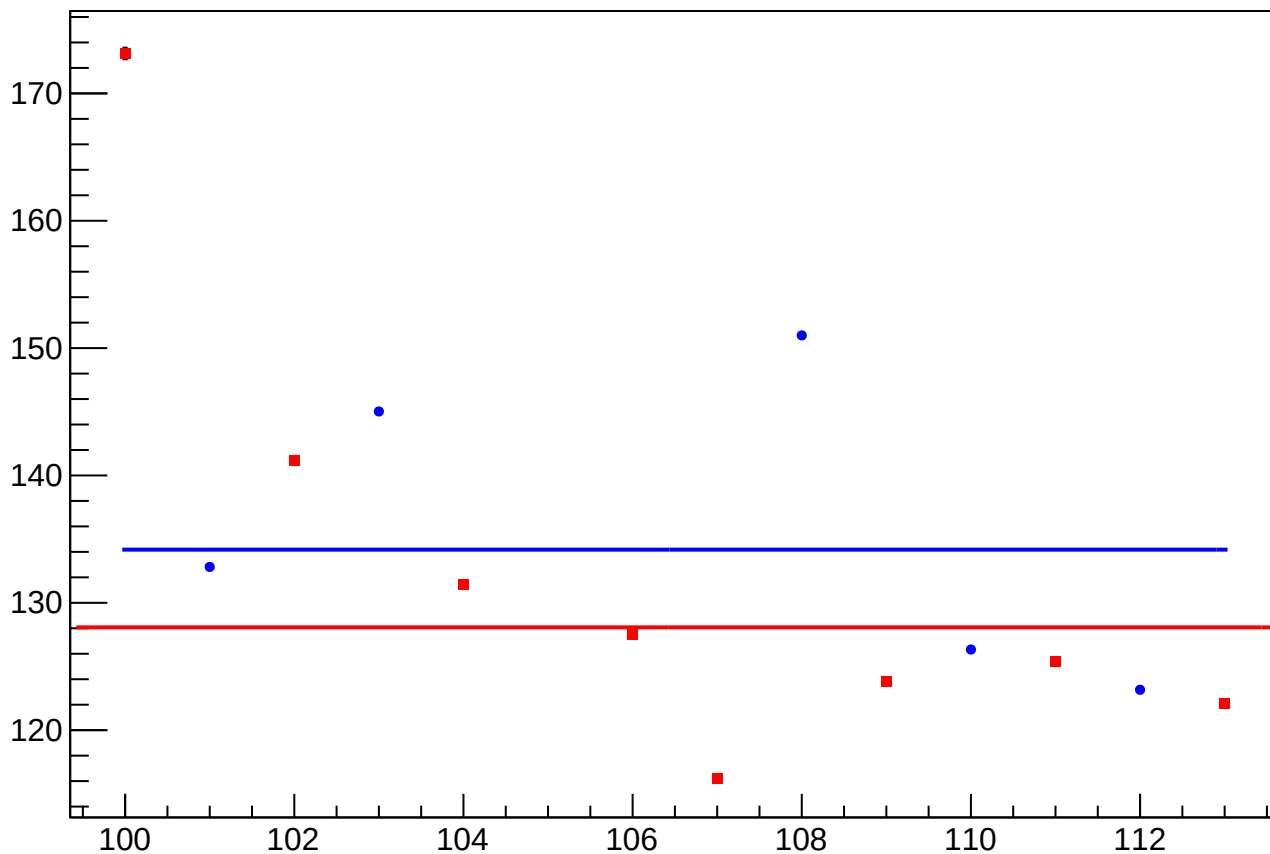
Right: 229.446+/-55.021 χ^2/NDF : 16.2/12

In: 221.266+/-85.015 χ^2/NDF : 2.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 229.446+/-55.021 χ^2/NDF : 16.2/12

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: 128.073+/-0.051 χ^2/NDF : 30480.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

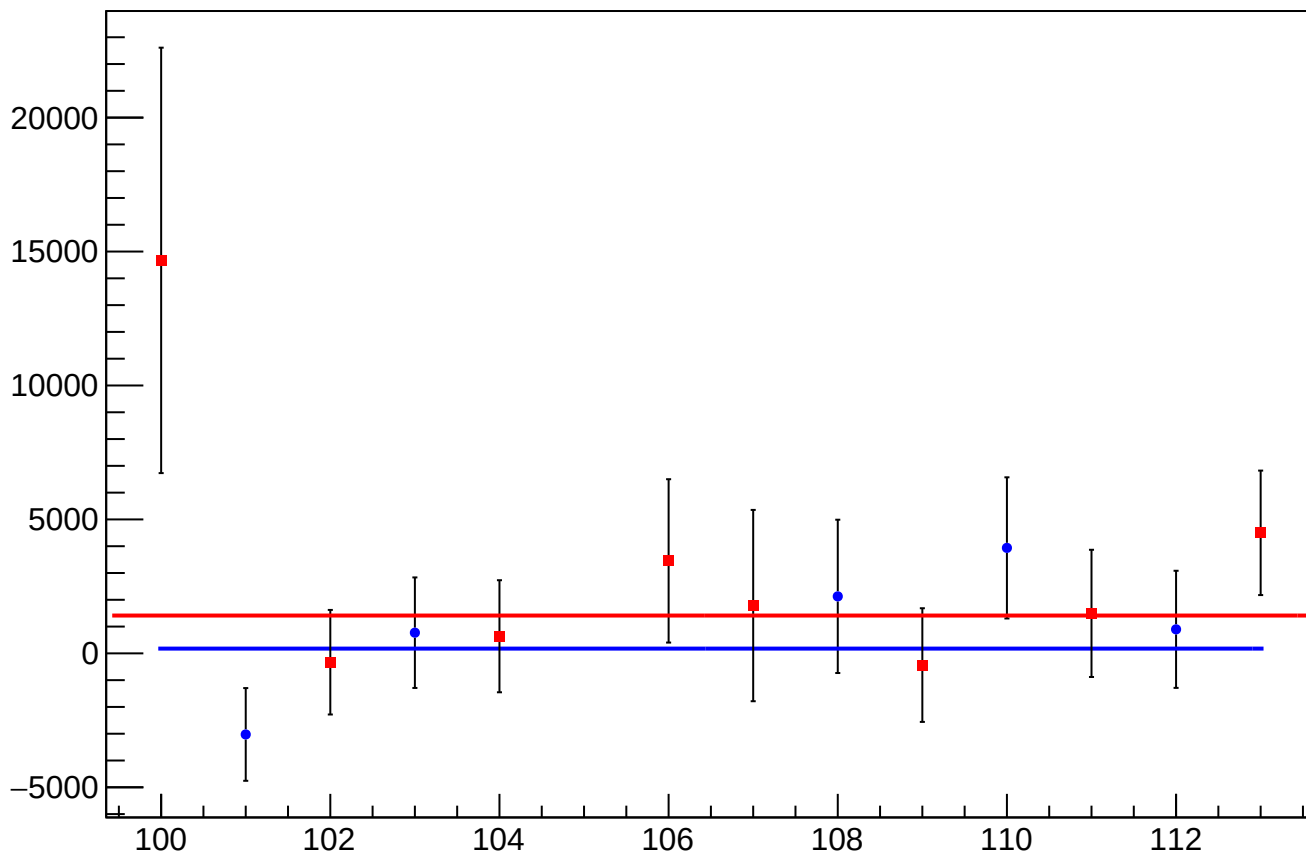
Right: 130.629+/-0.039 χ^2/NDF : 63784.4/12

In: 134.176+/-0.060 χ^2/NDF : 27314.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.629+/-0.039 χ^2/NDF : 63784.4/12

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: 1411.970+/-884.680 χ^2/NDF : 6.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

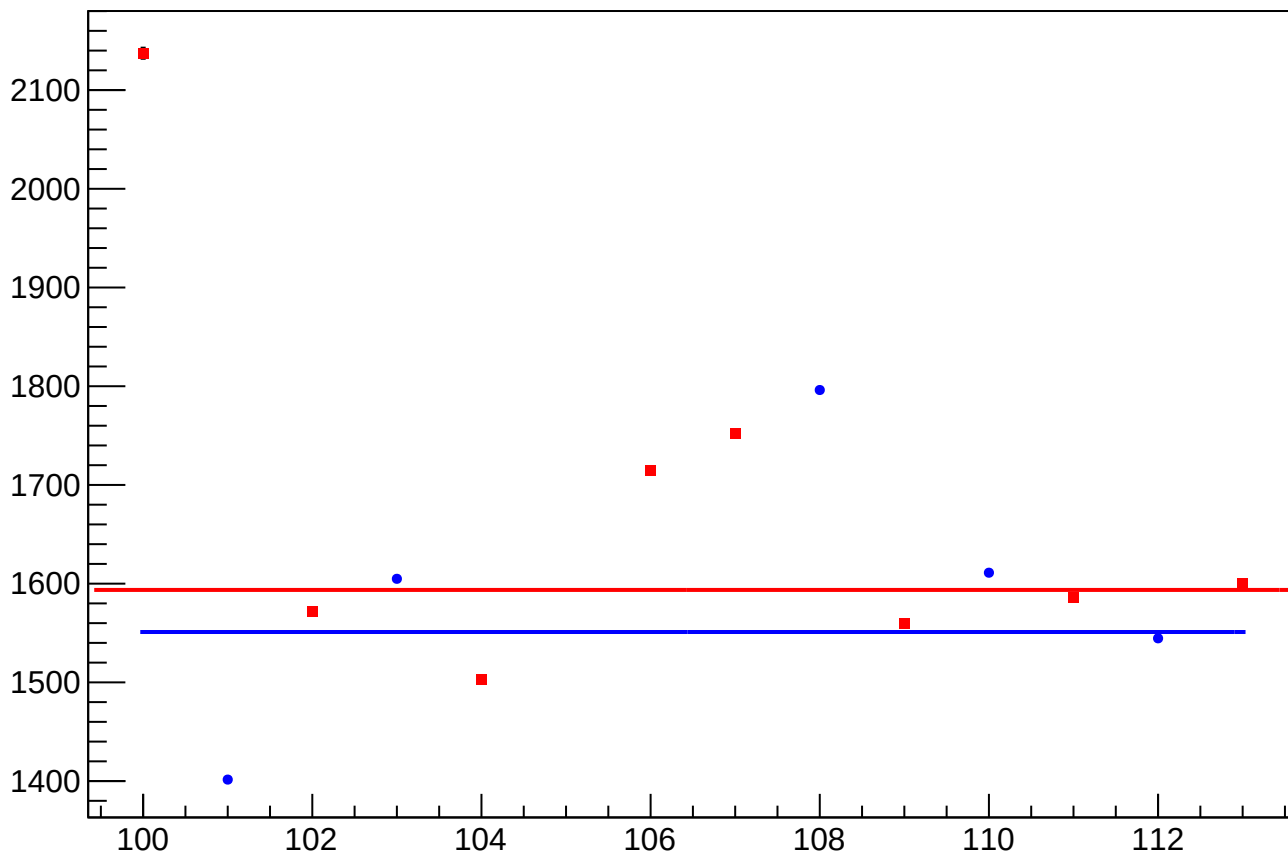
Right: 856.851+/-656.249 χ^2/NDF : 13.7/12

In: 177.670+/-978.556 χ^2/NDF : 6.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 856.851+/-656.249 χ^2/NDF : 13.7/12

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: 1593.644+/-0.626 χ^2/NDF : 21054.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

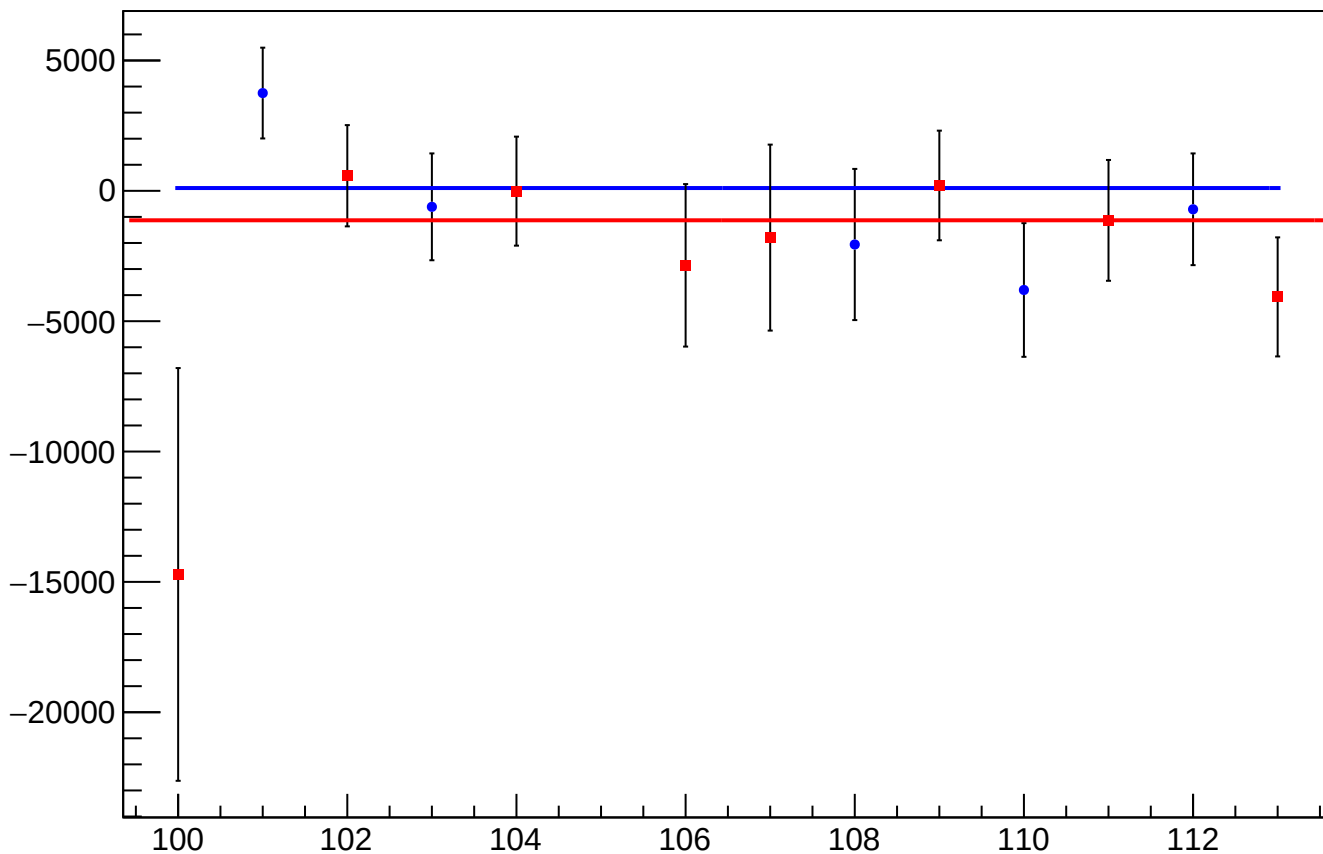
Right: 1574.475+/-0.464 χ^2/NDF : 55170.8/12

In: 1551.022+/-0.692 χ^2/NDF : 32028.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1574.475+/-0.464 χ^2/NDF : 55170.8/12

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: -1129.773+/-878.574 χ^2/NDF : 6.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

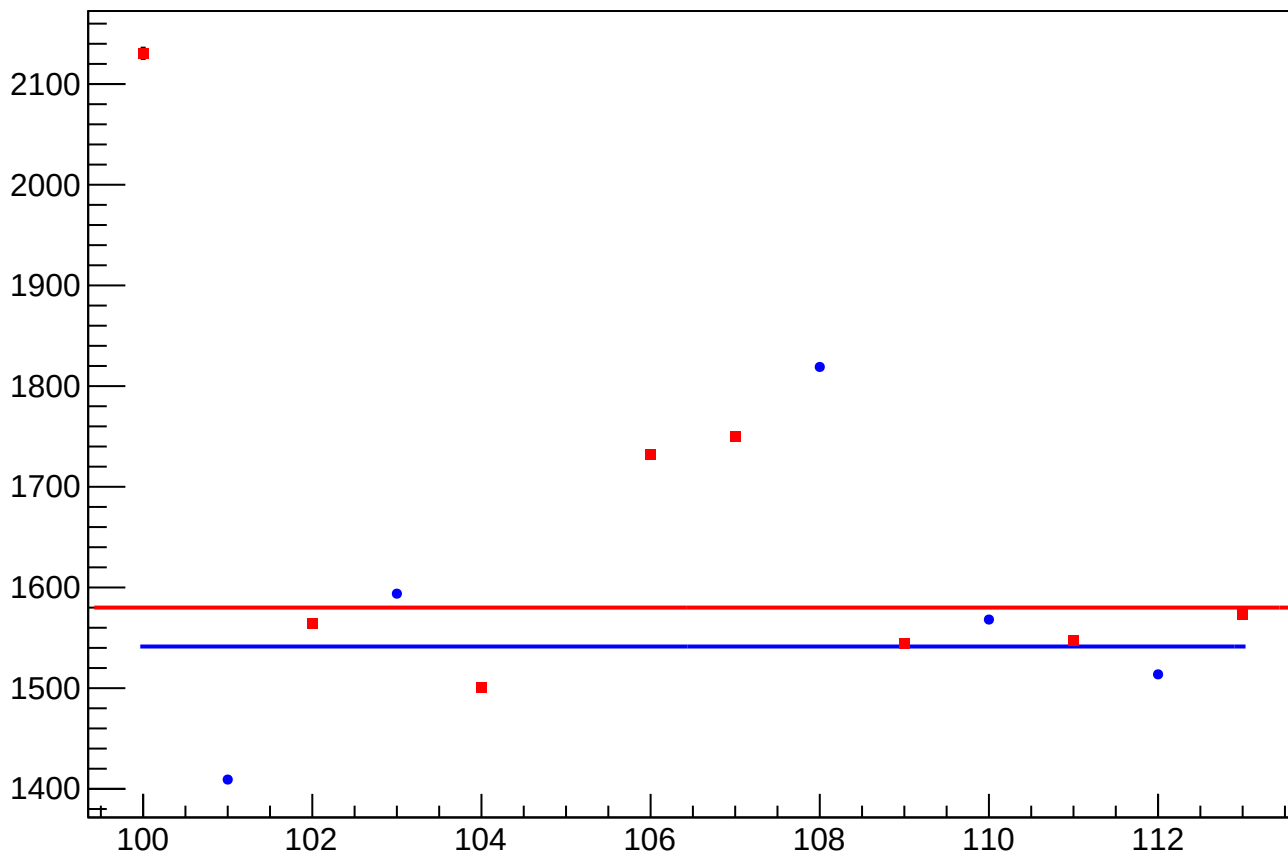
Right: -573.952+/-651.997 χ^2/NDF : 14.8/12

In: 107.379+/-972.724 χ^2/NDF : 7.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -573.952+/-651.997 χ^2/NDF : 14.8/12

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: 1580.035+/-0.621 χ^2/NDF : 22916.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

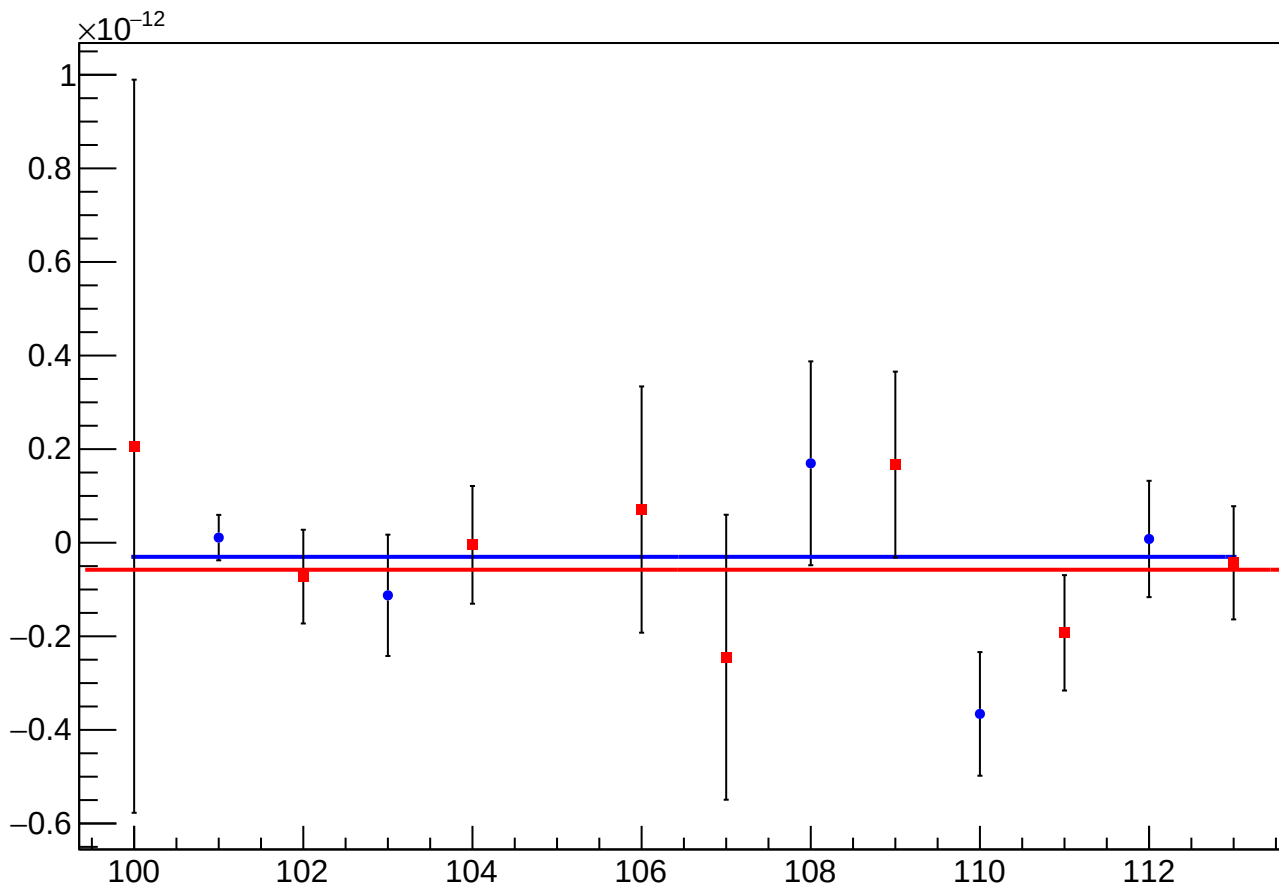
Right: 1562.666+/-0.461 χ^2/NDF : 56380.7/12

In: 1541.375+/-0.688 χ^2/NDF : 31724.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1562.666+/-0.461 χ^2/NDF : 56380.7/12

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 : 3.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

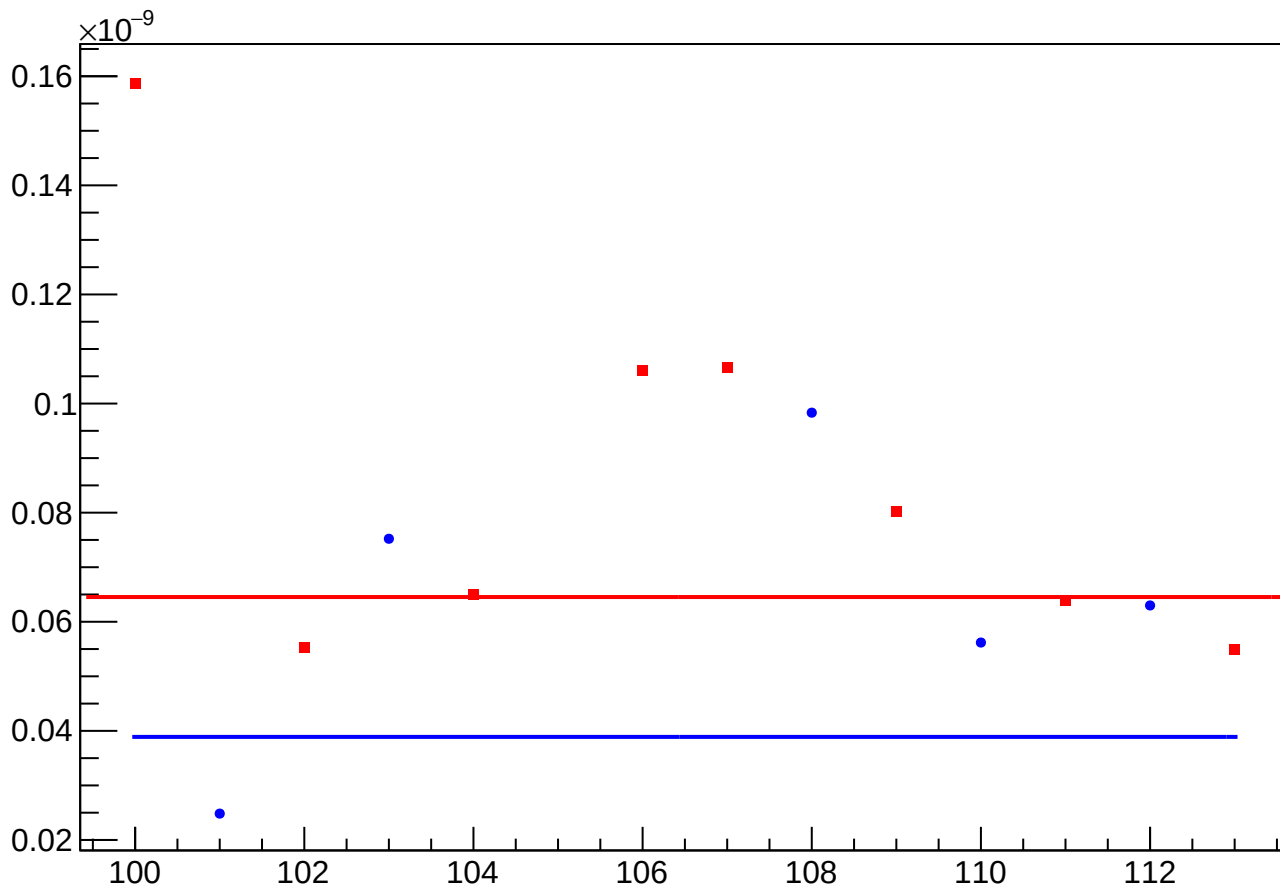
Right: -0.000+/-0.000 χ^2/NDF : 12.1/12

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 : 12.1/12

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 : 159099.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

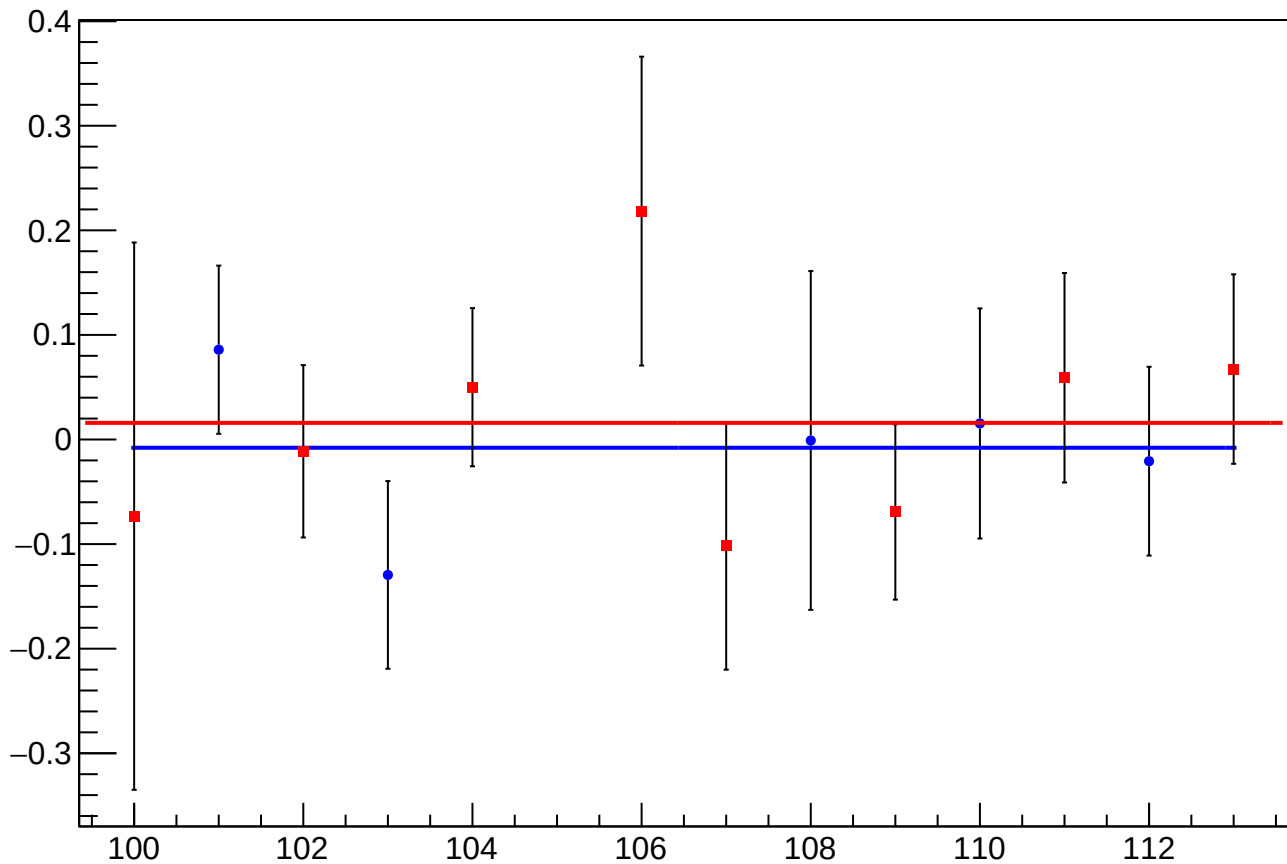
Right: 0.000+/-0.000 χ^2/NDF : 1036923.9/12

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 : 1036923.9/12

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: 0.016 ± 0.035 χ^2/NDF : 4.8/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

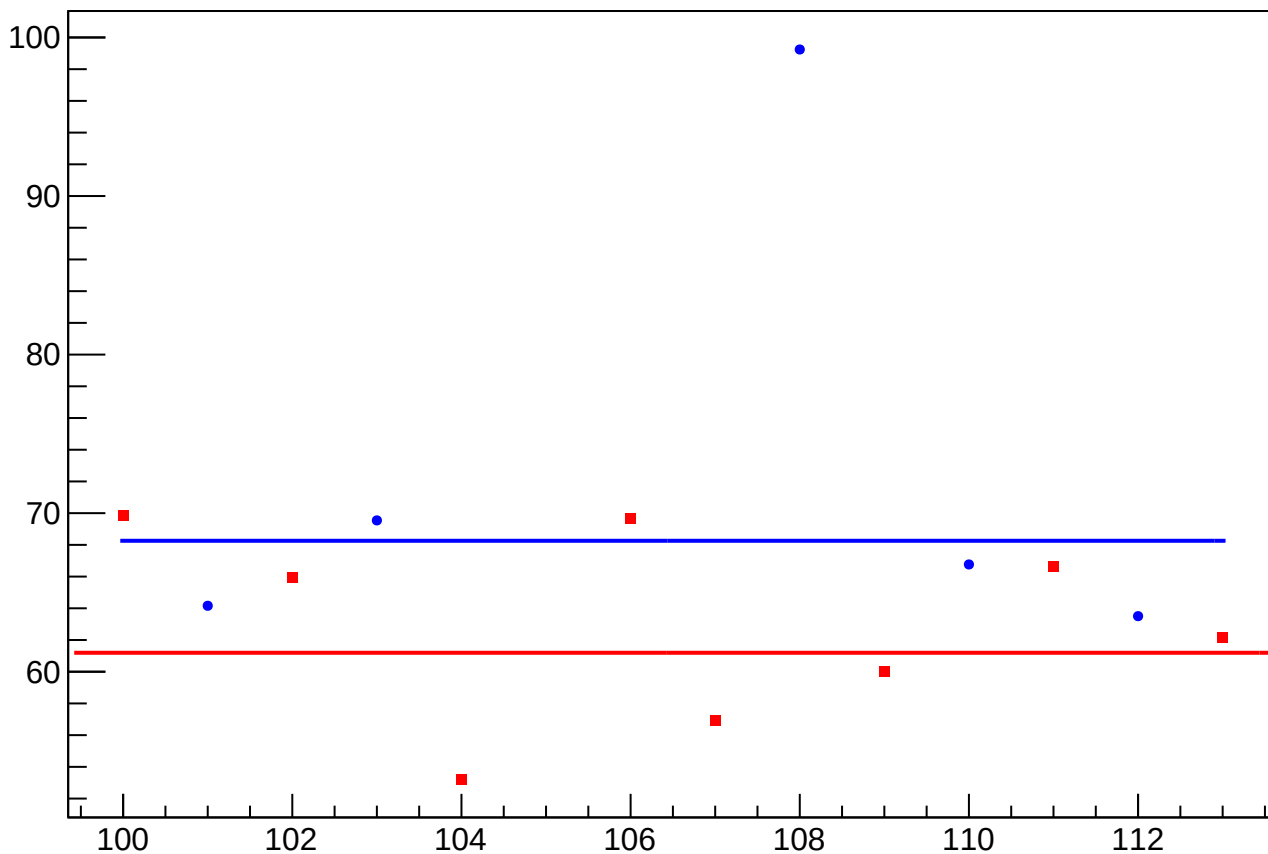
Right: 0.007 ± 0.027 χ^2/NDF : 8.3/12

In: -0.008 ± 0.044 χ^2/NDF : 3.3/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.007 ± 0.027 χ^2/NDF : 8.3/12

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: 61.195+/-0.025 χ^2/NDF : 46940.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

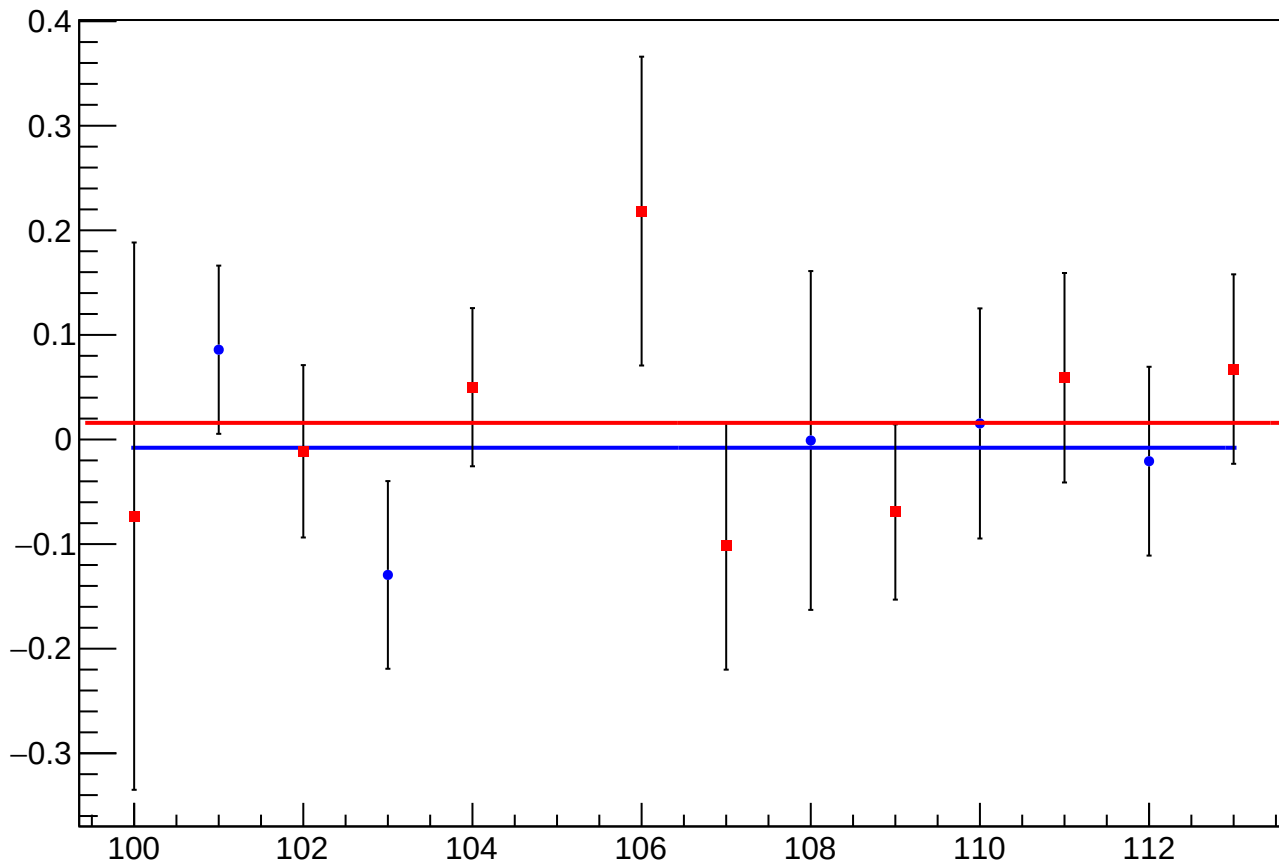
Right: 63.948+/-0.019 χ^2/NDF : 163445.1/12

In: 68.258+/-0.031 χ^2/NDF : 84701.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.948+/-0.019 χ^2/NDF : 163445.1/12

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: 0.016+/-0.035 χ^2/NDF : 4.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

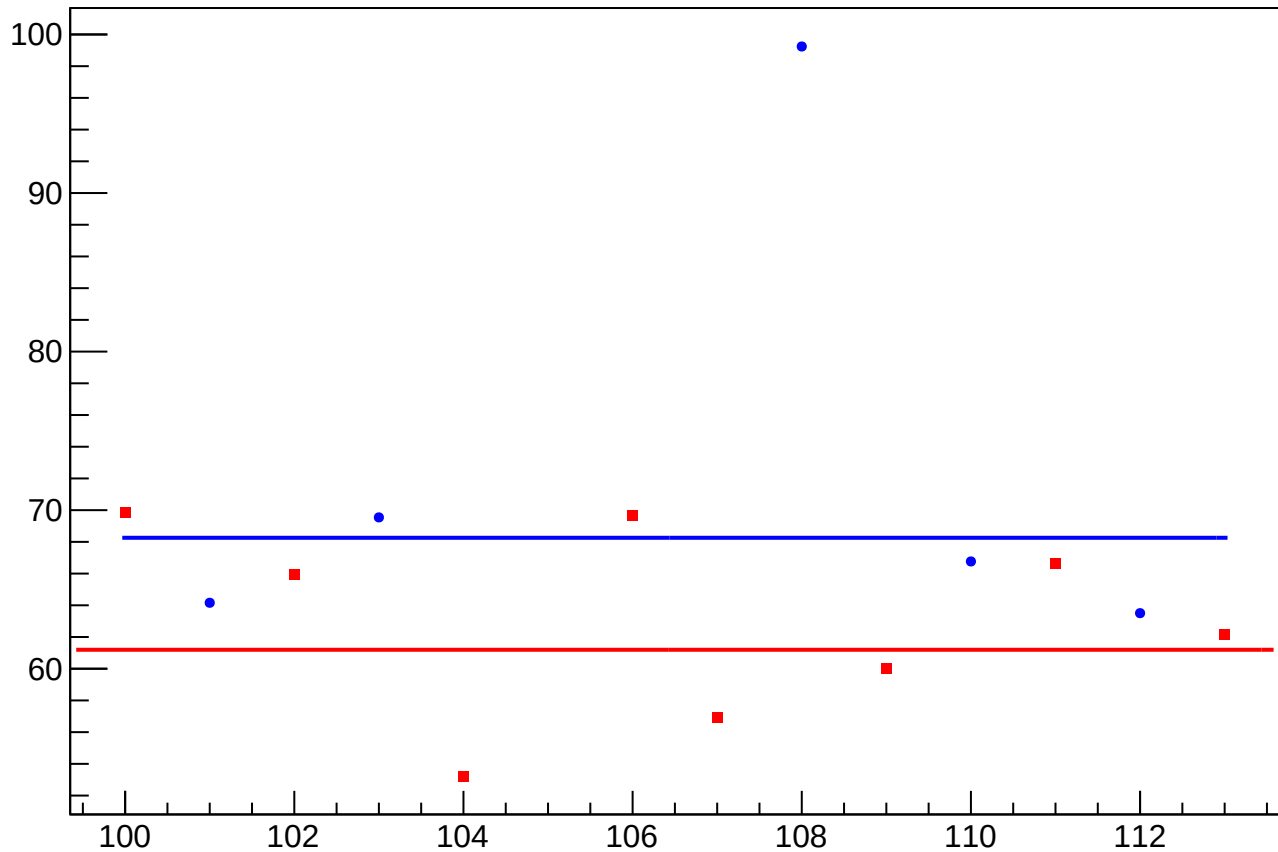
Right: 0.007+/-0.027 χ^2/NDF : 8.3/12

In: -0.008+/-0.044 χ^2/NDF : 3.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.027 χ^2/NDF : 8.3/12

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: 61.195+/-0.025 χ^2/NDF : 46940.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

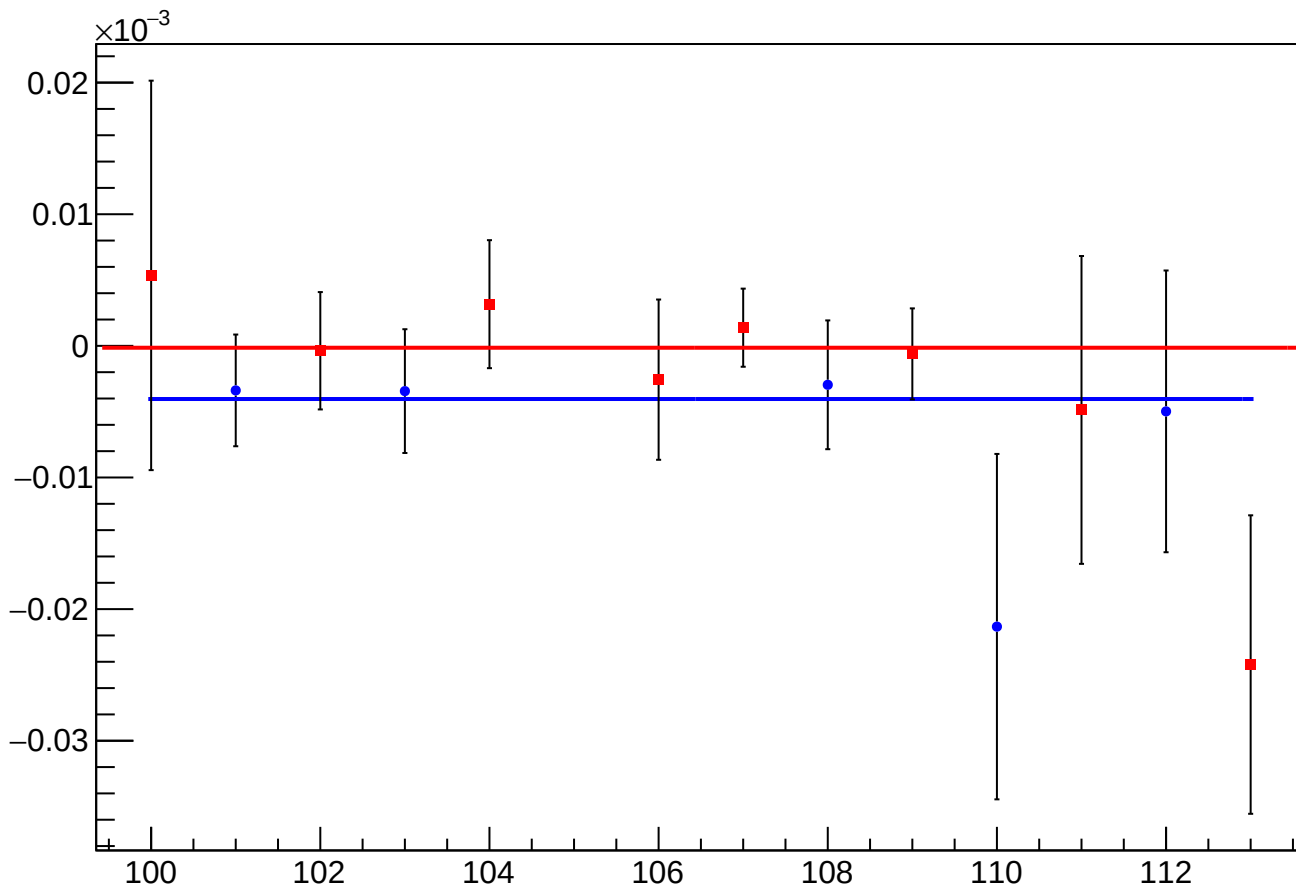
Right: 63.948+/-0.019 χ^2/NDF : 163445.1/12

In: 68.258+/-0.031 χ^2/NDF : 84701.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.948+/-0.019 χ^2/NDF : 163445.1/12

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 : 5.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

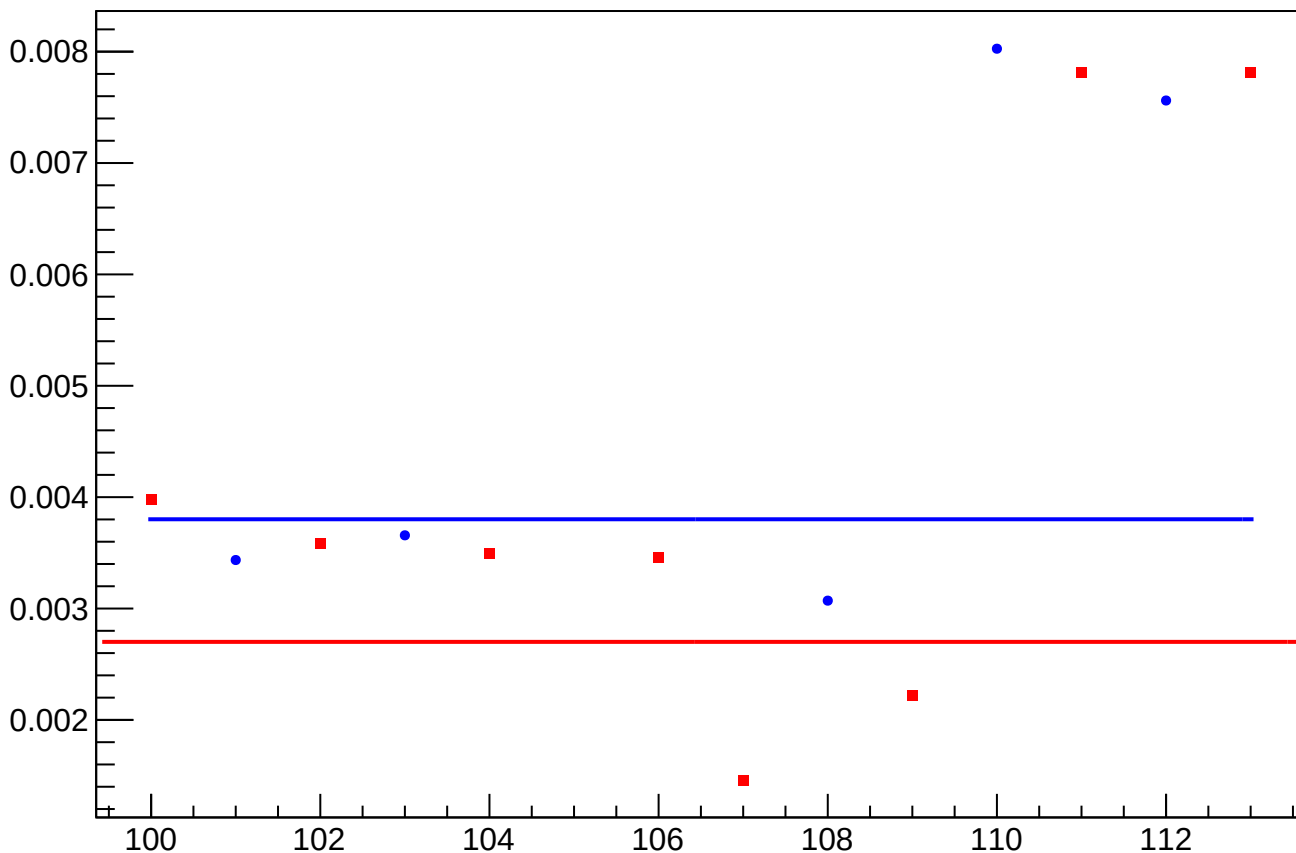
Right: -0.000+/-0.000 χ^2/NDF : 9.2/12

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 : 9.2/12

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 : 1356843.8/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

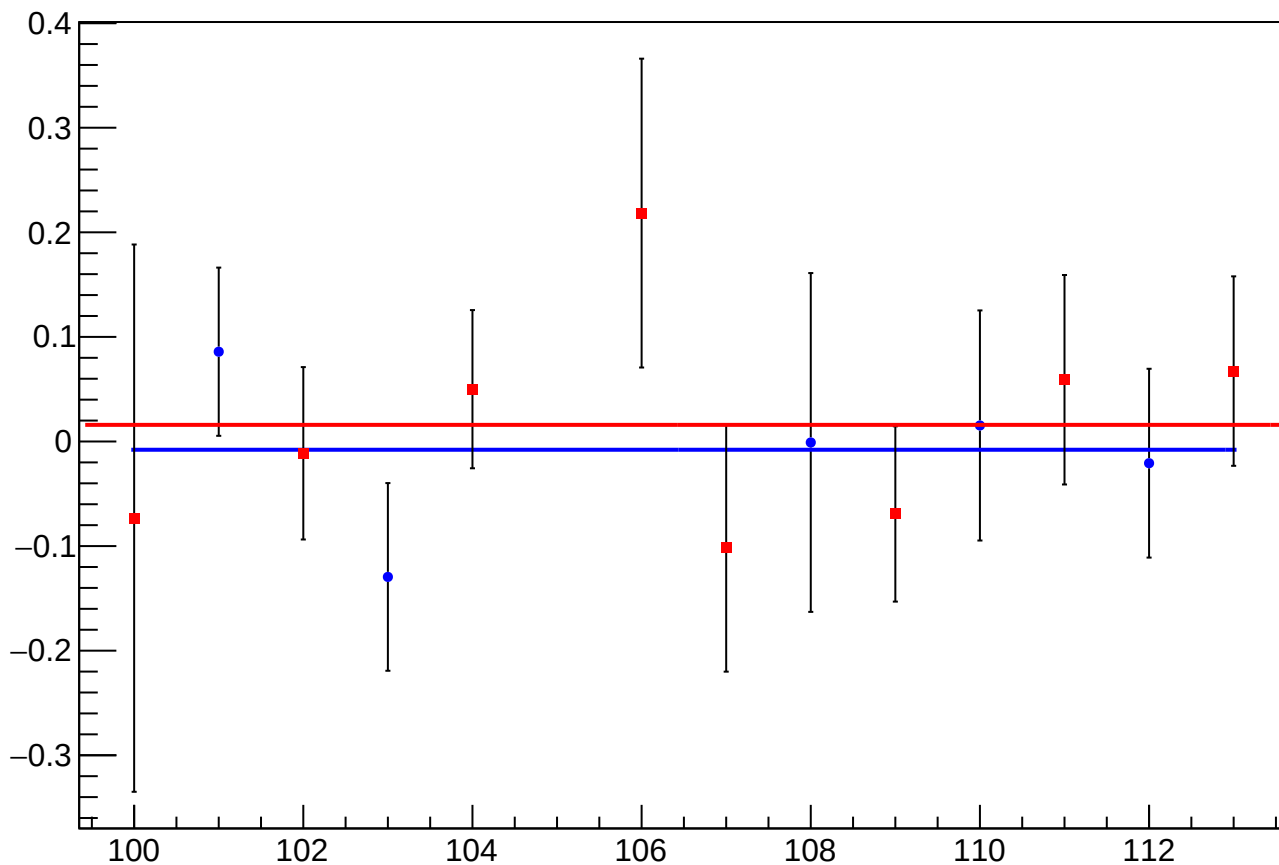
Right: 0.003+/-0.000 χ^2/NDF : 2131979.2/12

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 : 2131979.2/12

asym_sam_24_68_dd_eigen_dit_vs_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: 0.016 $\pm$ 0.035 χ^2 /NDF: 4.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

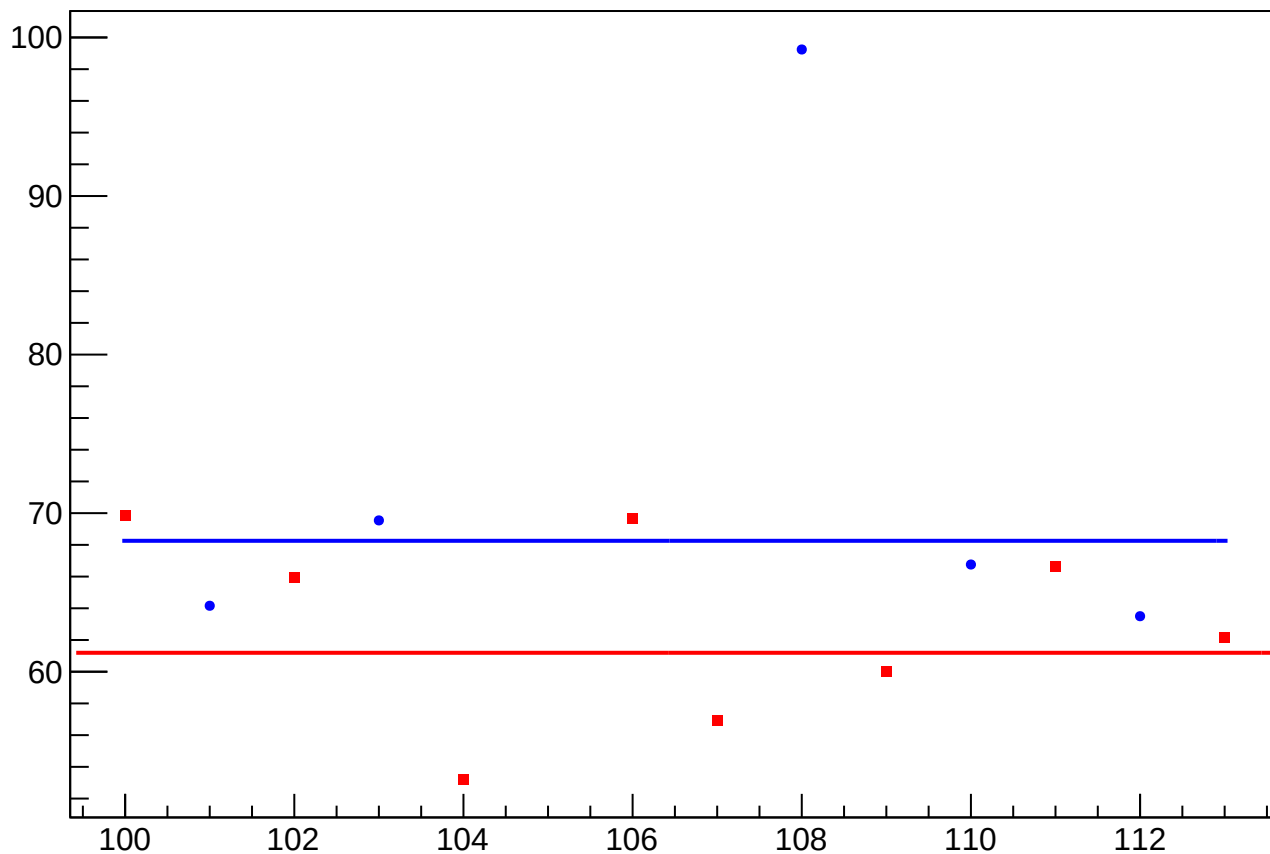
Right: 0.007 $\pm$ 0.027 χ^2 /NDF: 8.3/12

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: 0.007 $\pm$ 0.027 χ^2 /NDF: 8.3/12

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 68.256 $\pm$ 0.031 χ^2 /NDF: 84712.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 61.194 $\pm$ 0.025 χ^2 /NDF: 46931.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

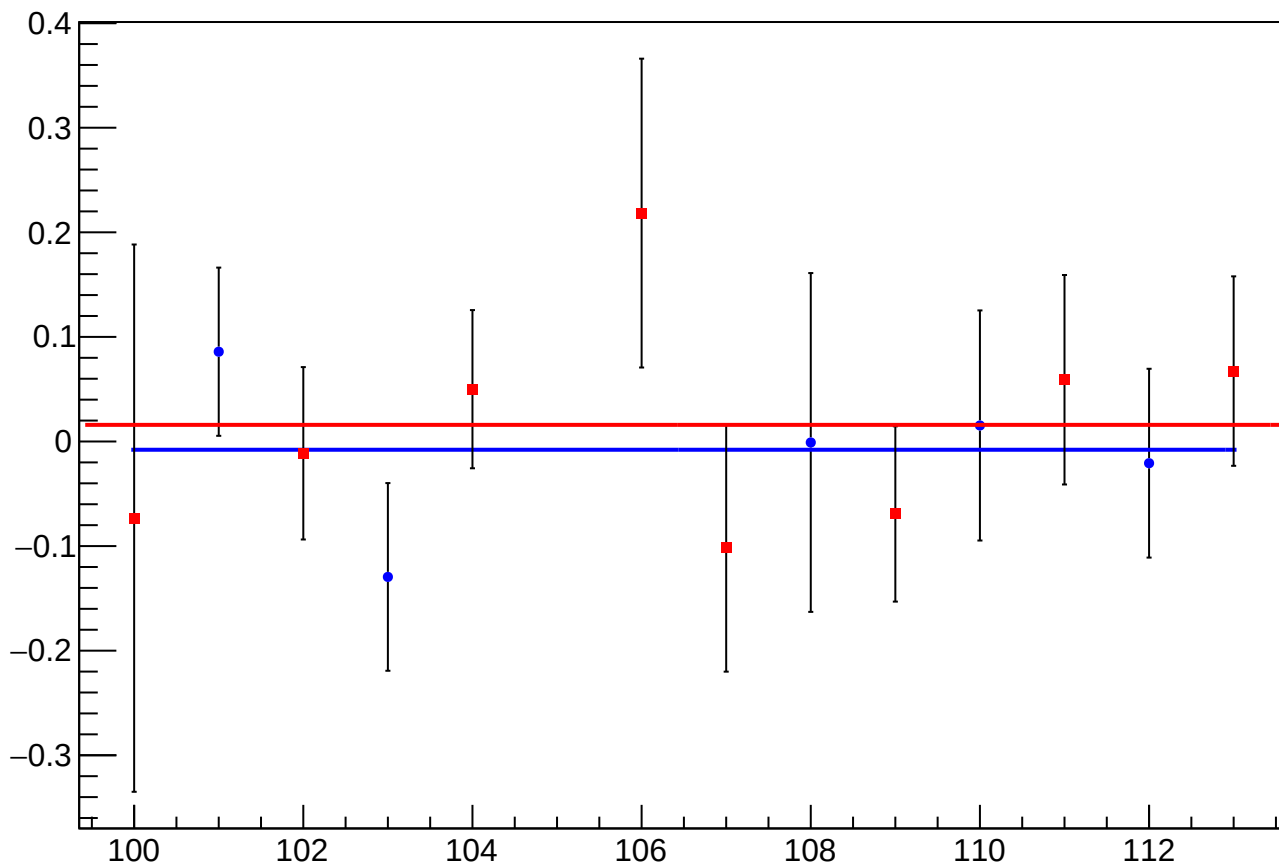
Right: 63.946 $\pm$ 0.019 χ^2 /NDF: 163444.0/12

In: 68.256 $\pm$ 0.031 χ^2 /NDF:84712.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 63.946 $\pm$ 0.019 χ^2 /NDF: 163444.0/12

asym_sam_24_68_dd_eigen_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: 0.016 ± 0.035 χ^2/NDF : 4.8/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

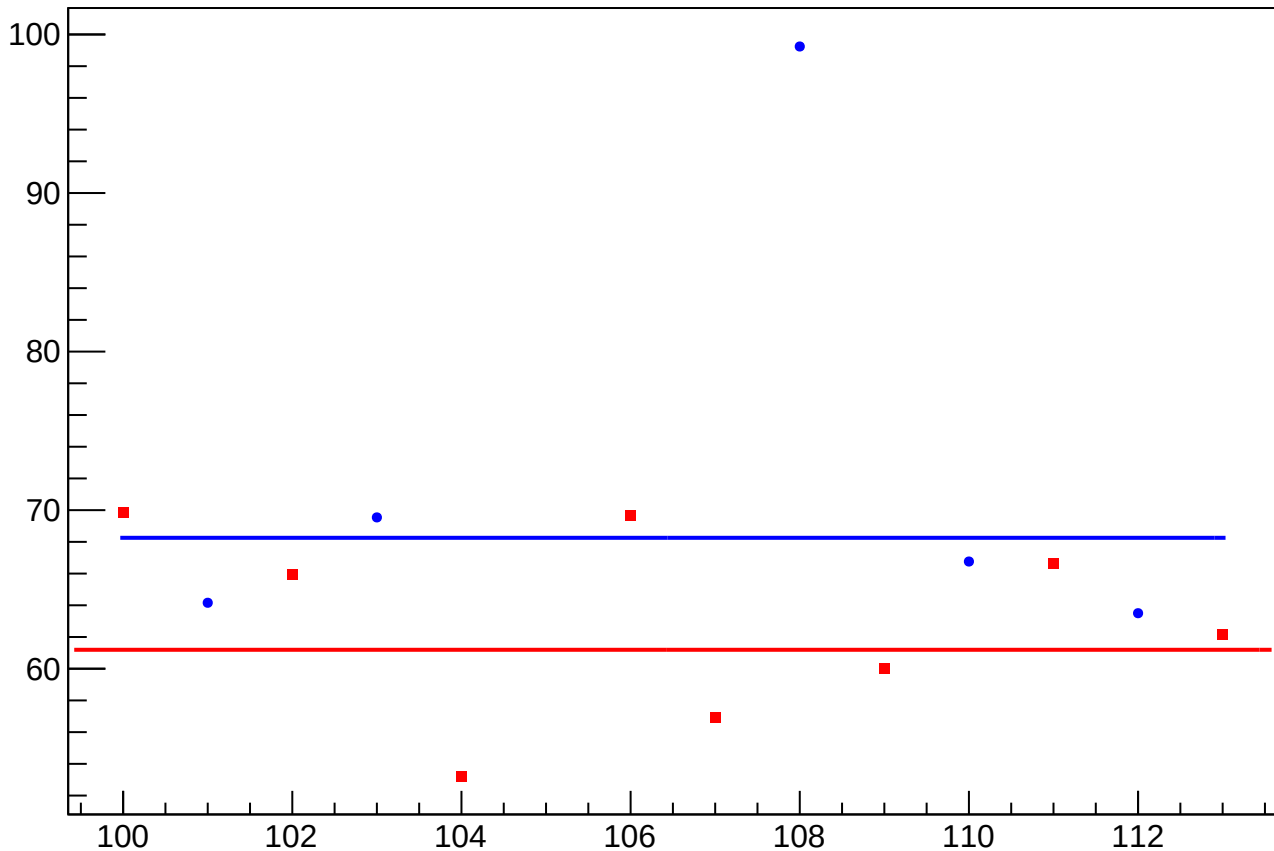
Right: 0.007 ± 0.027 χ^2/NDF : 8.3/12

In: -0.008 ± 0.044 χ^2/NDF : 3.3/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.007 ± 0.027 χ^2/NDF : 8.3/12

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: 61.194+/-0.025 χ^2/NDF : 46931.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

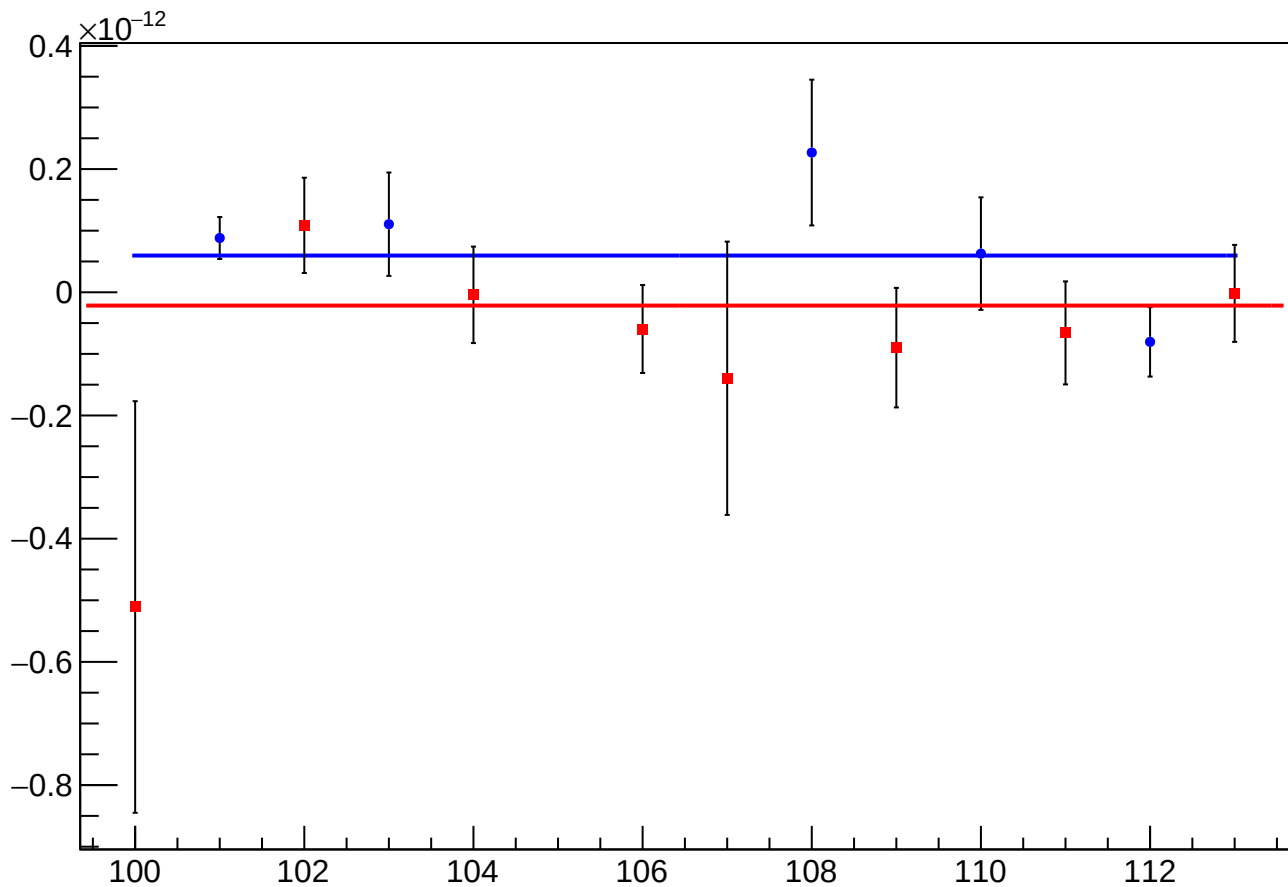
Right: 63.946+/-0.019 χ^2/NDF : 163444.0/12

In: 68.256+/-0.031 χ^2/NDF : 84712.3/4

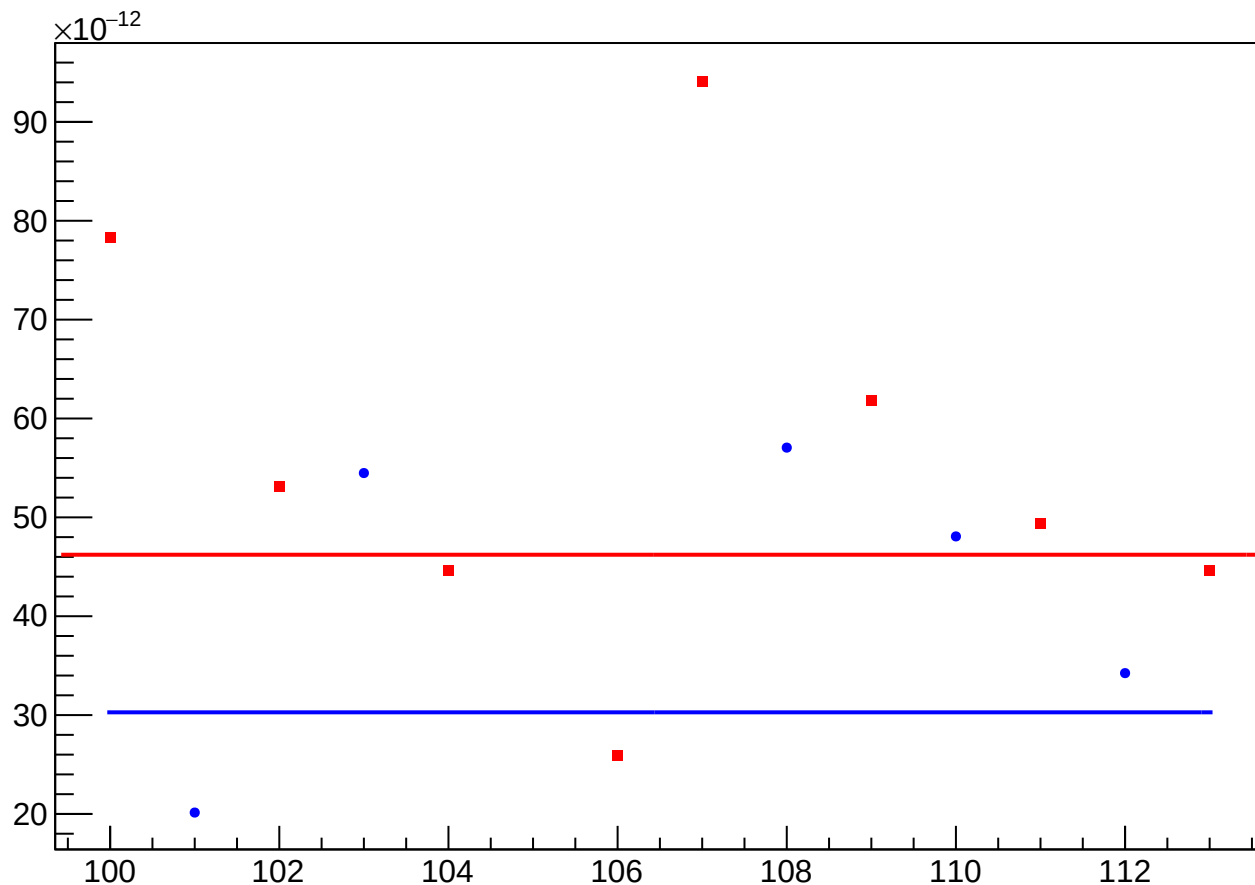
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.946+/-0.019 χ^2/NDF : 163444.0/12

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 345998.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

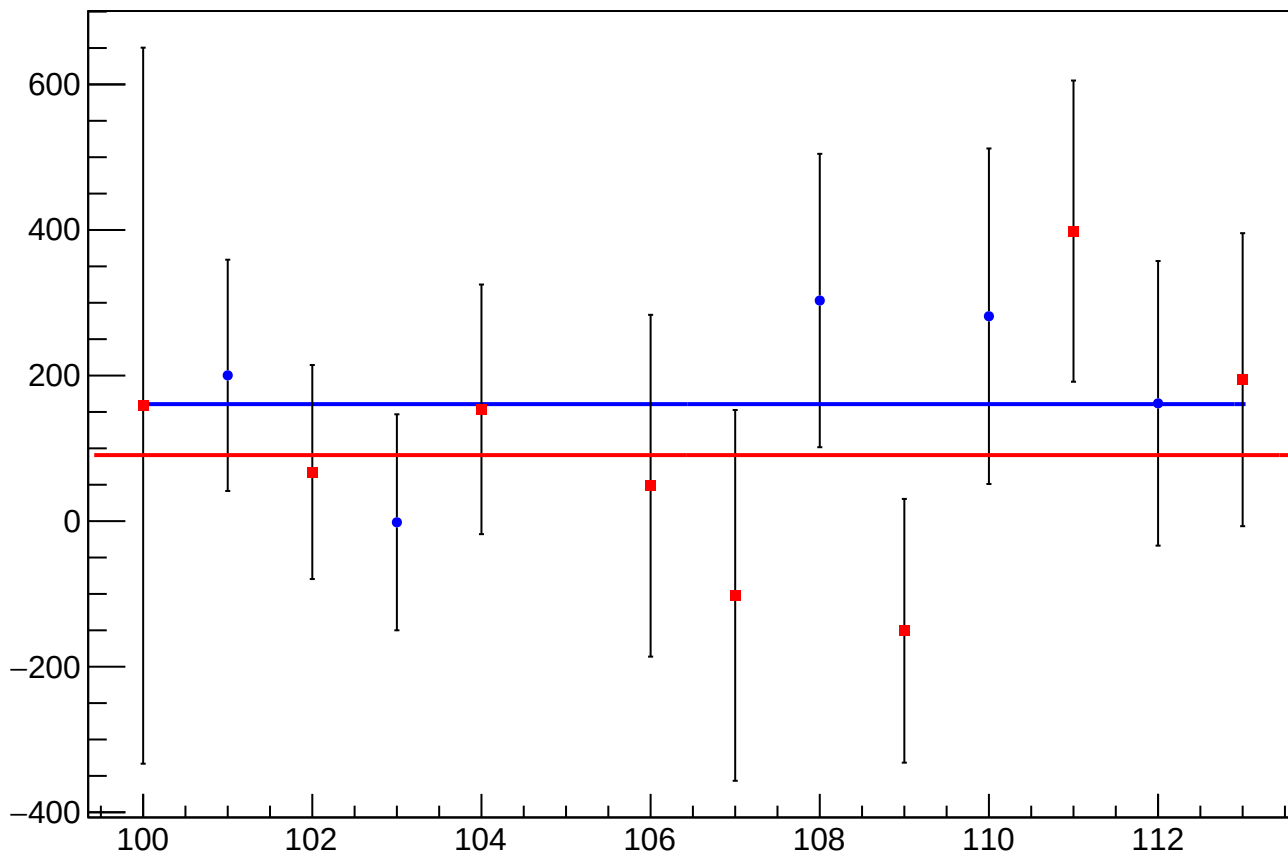
Right: 0.000+/-0.000 χ^2/NDF : 1176990.3/12

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 : 1176990.3/12

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: 90.728 $\pm$ -71.345 χ^2 /NDF: 5.0/7

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

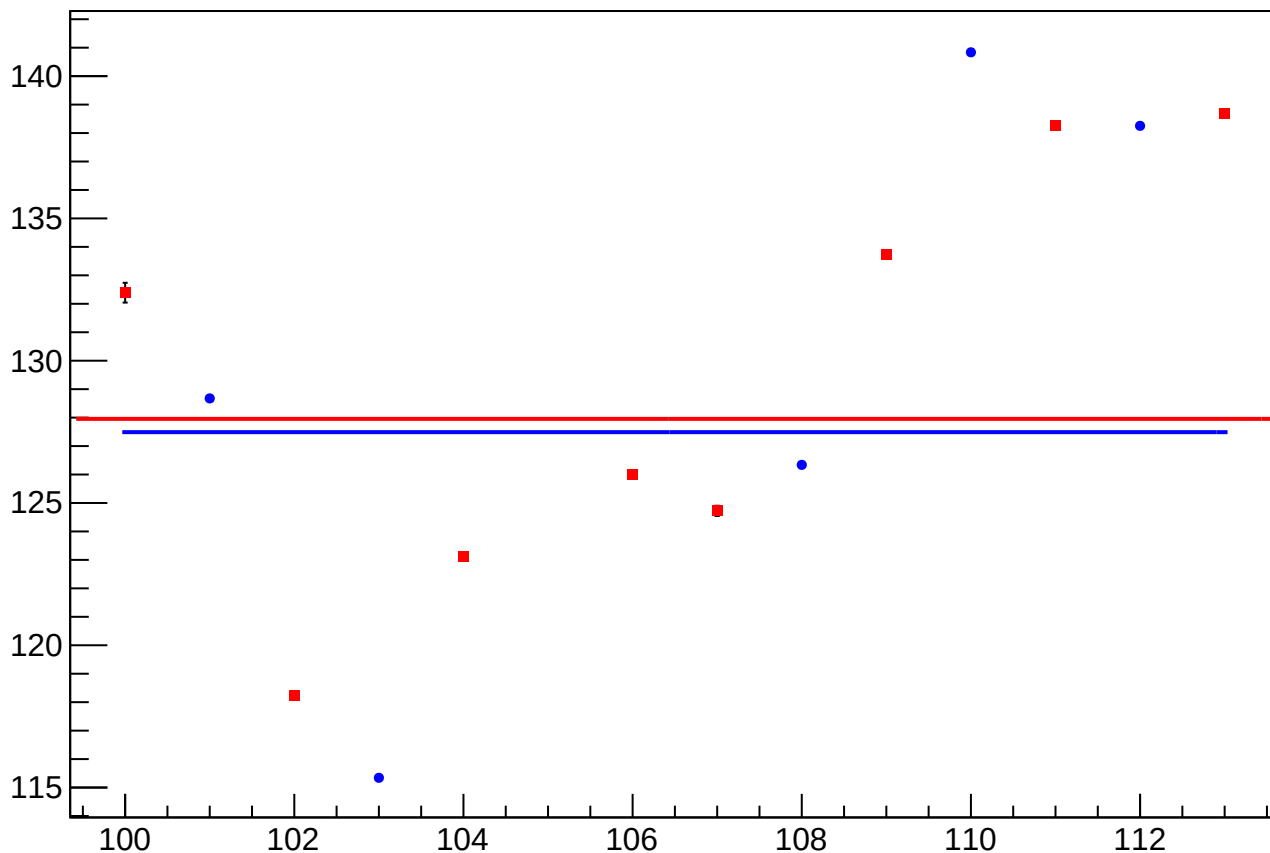
Right: 121.575 $\pm$ -53.367 χ^2 /NDF: 7.5/12

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: 121.575 $\pm$ -53.367 χ^2 /NDF: 7.5/12

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: 127.956+/-0.050 χ^2/NDF : 23667.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

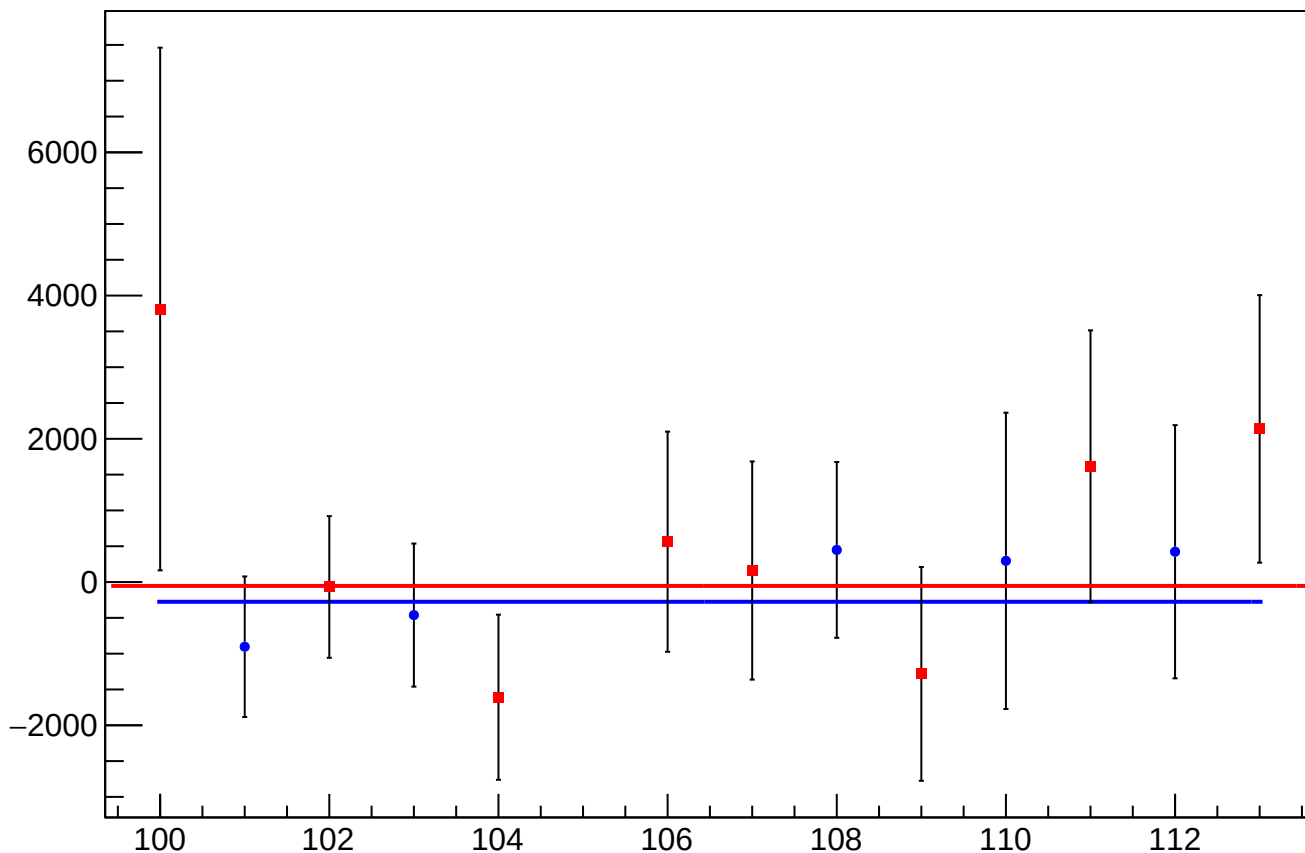
Right: 127.750+/-0.038 χ^2/NDF : 50056.8/12

In: 127.489+/-0.057 χ^2/NDF :26351.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 127.750+/-0.038 χ^2/NDF : 50056.8/12

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: -54.051+/-518.752 χ^2/NDF : 6.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

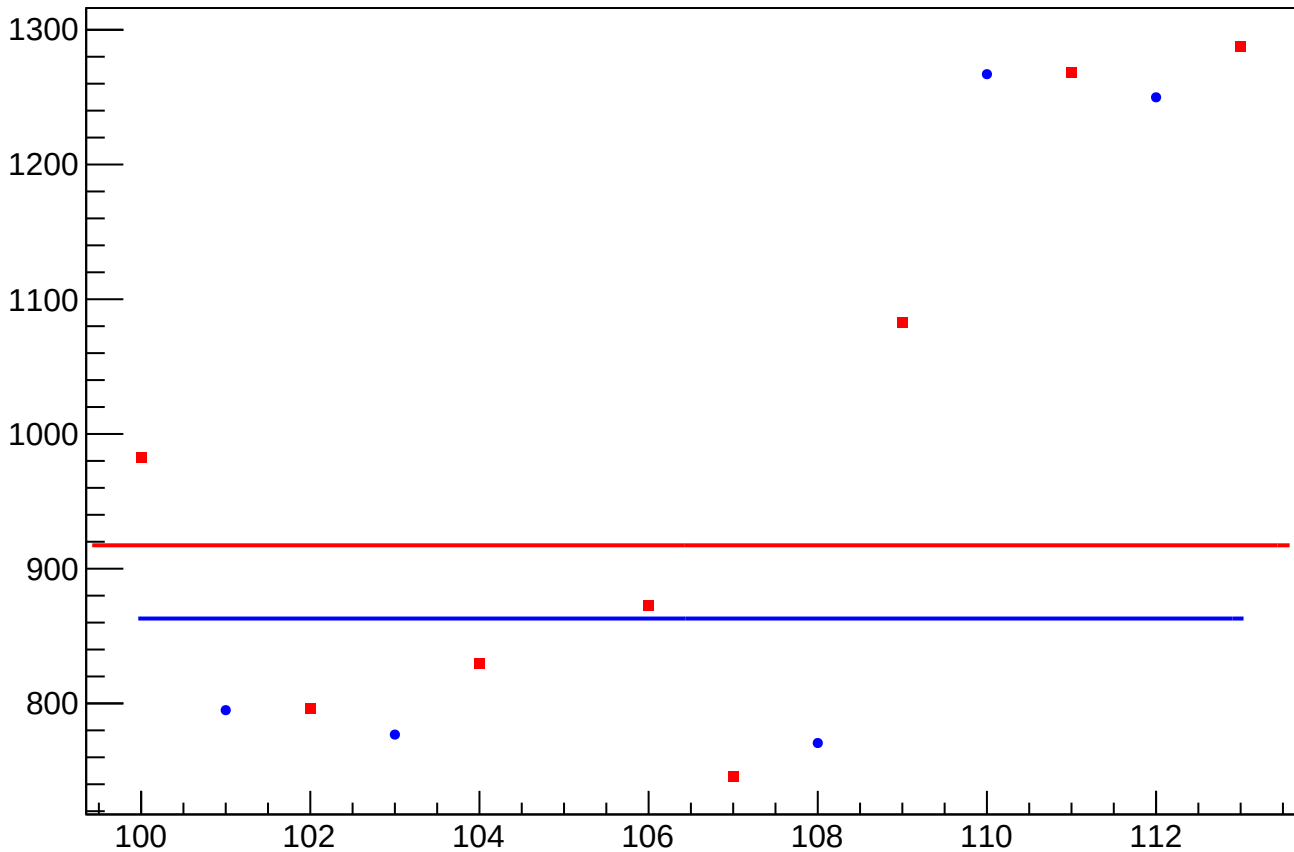
Right: -157.467+/-378.687 χ^2/NDF : 7.1/12

In: -275.450+/-554.082 χ^2/NDF : 1.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -157.467+/-378.687 χ^2/NDF : 7.1/12

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: 917.362+/-0.367 χ^2/NDF : 240635.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

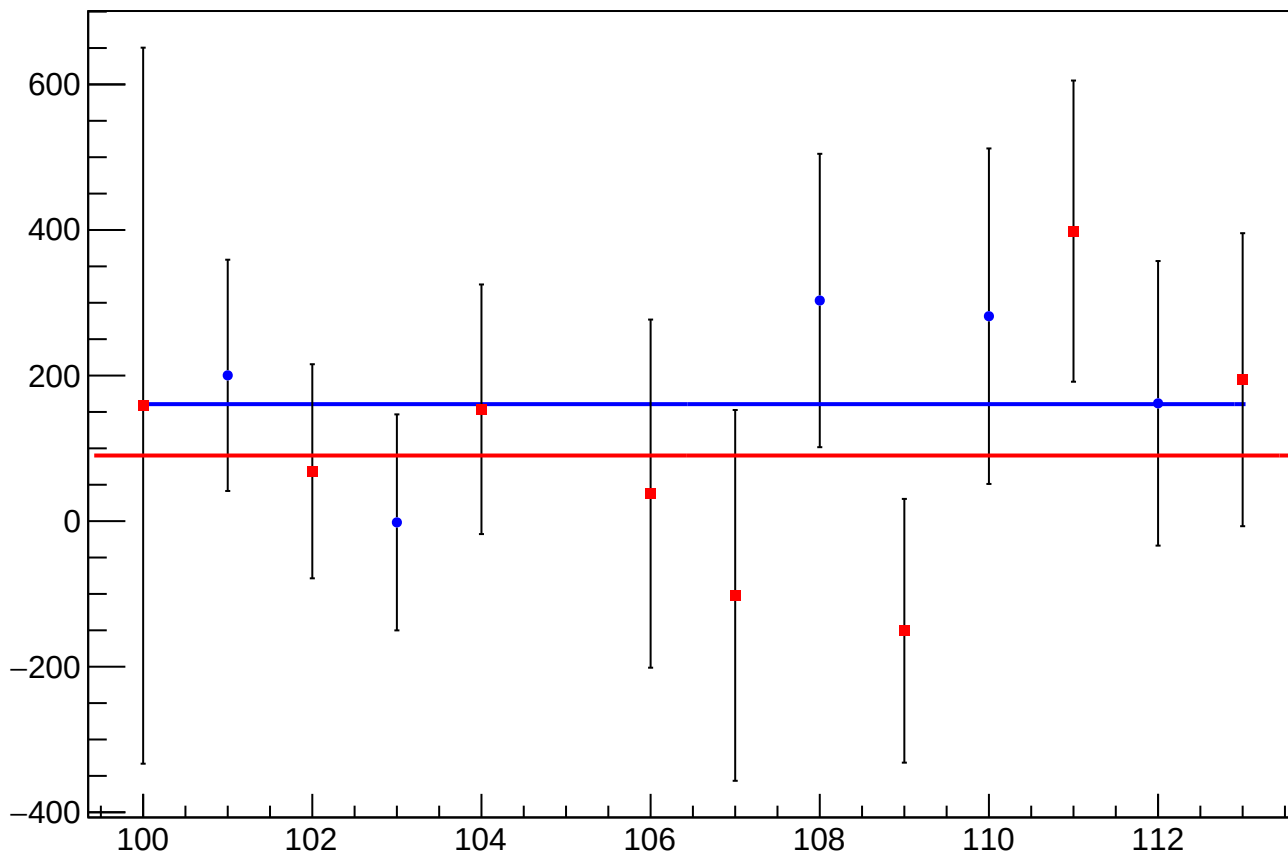
Right: 891.972+/-0.268 χ^2/NDF : 458785.9/12

In: 863.005+/-0.392 χ^2/NDF : 207893.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 891.972+/-0.268 χ^2/NDF : 458785.9/12

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: 90.164 $\pm$ 71.469 χ^2 /NDF: 5.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

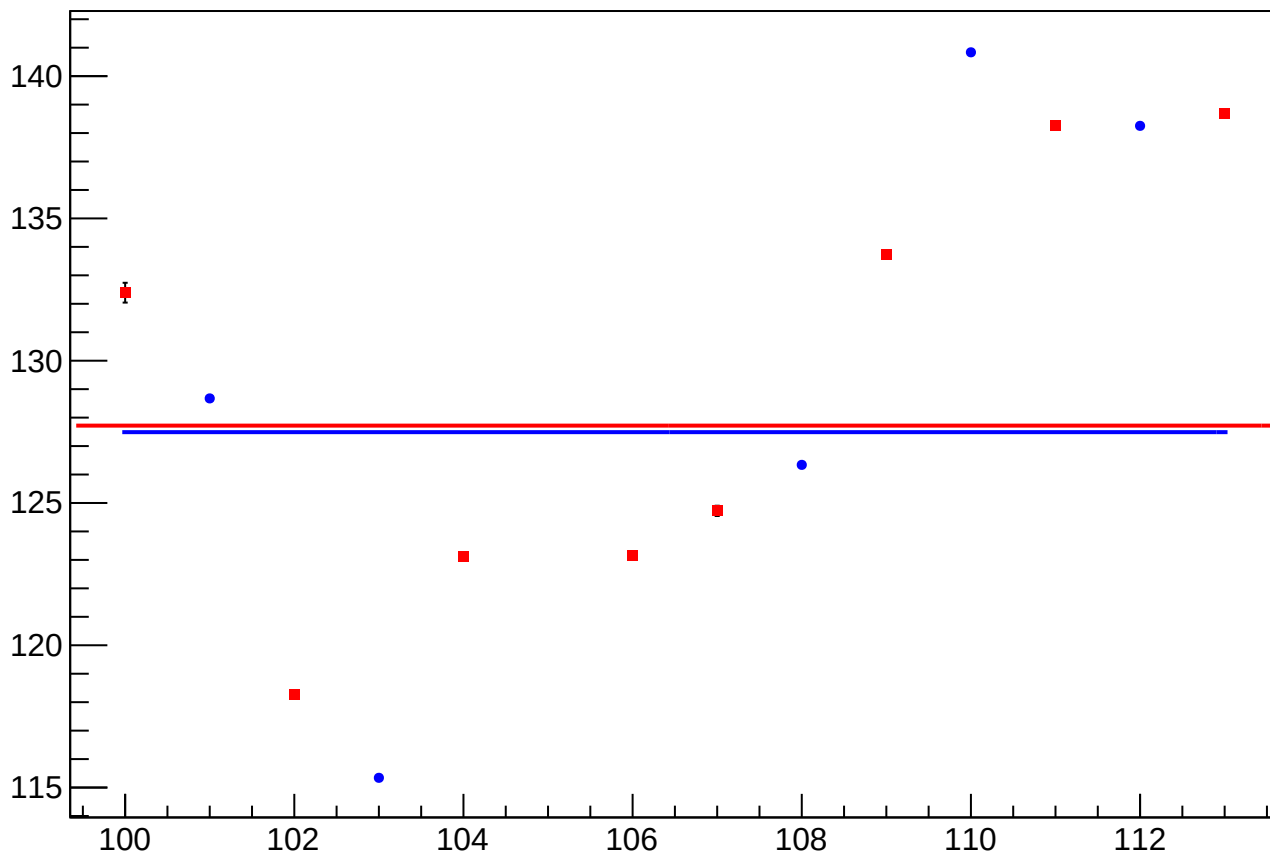
Right: 121.310 $\pm$ 53.419 χ^2 /NDF: 7.5/12

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: 121.310 $\pm$ 53.419 χ^2 /NDF: 7.5/12

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: 127.719+/-0.051 χ^2/NDF : 24234.3/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

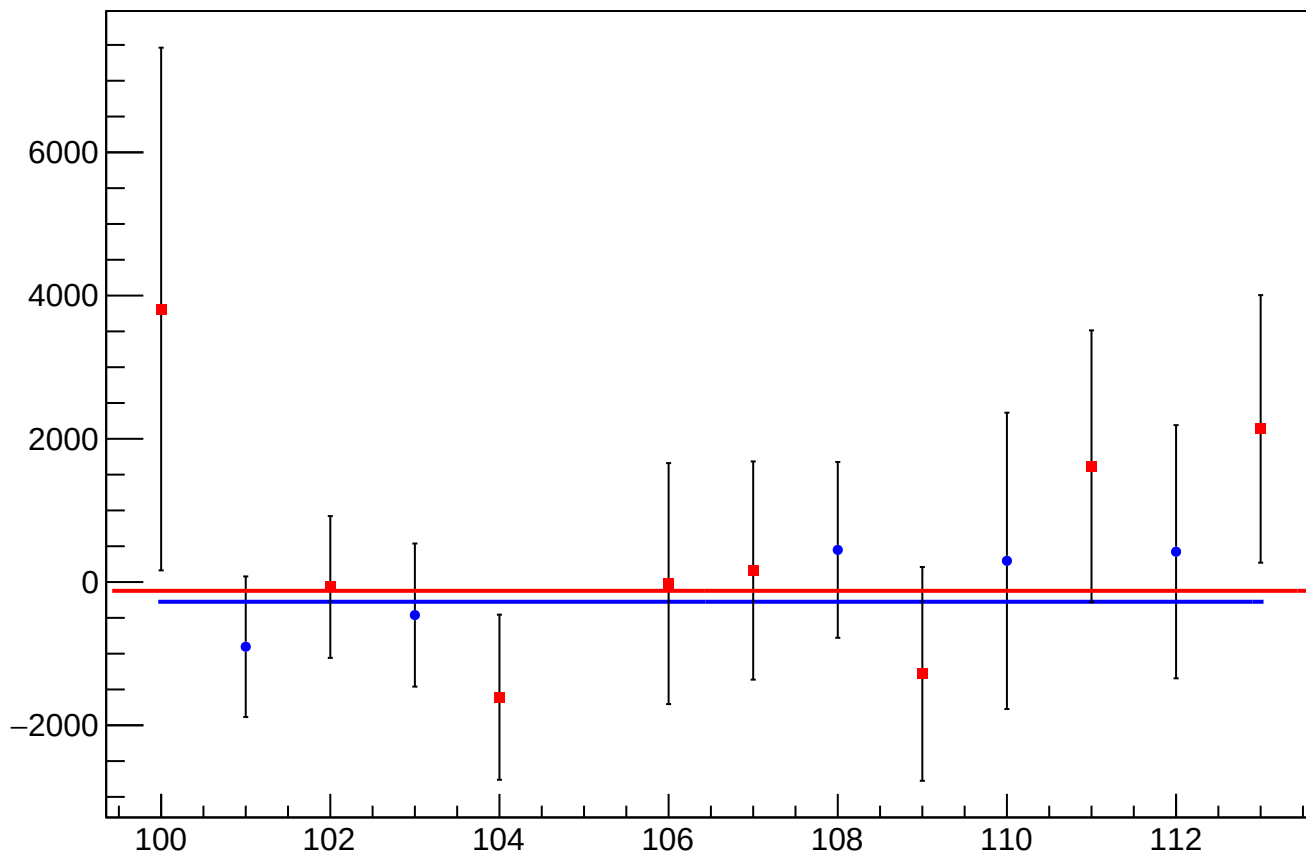
Right: 127.617+/-0.038 χ^2/NDF : 50594.8/12

In: 127.489+/-0.057 χ^2/NDF :26351.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 127.617+/-0.038 χ^2/NDF : 50594.8/12

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: -122.473+/-523.792 χ^2 /NDF: 5.8/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

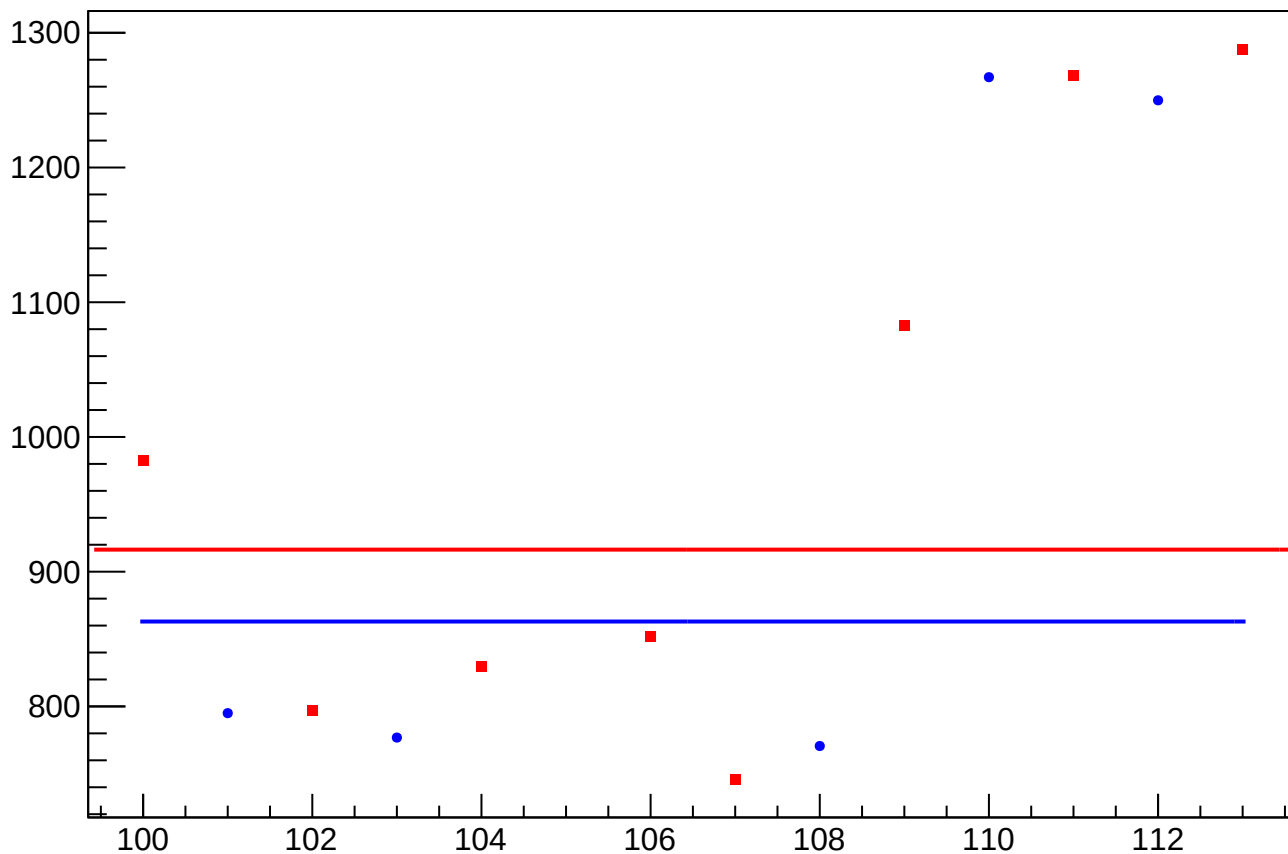
Right: -194.634+/-380.636 χ^2 /NDF: 6.8/12

In: -275.383+/-554.087 χ^2 /NDF:1.0/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -194.634+/-380.636 χ^2 /NDF: 6.8/12

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: 916.379+/-0.370 χ^2/NDF : 241688.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

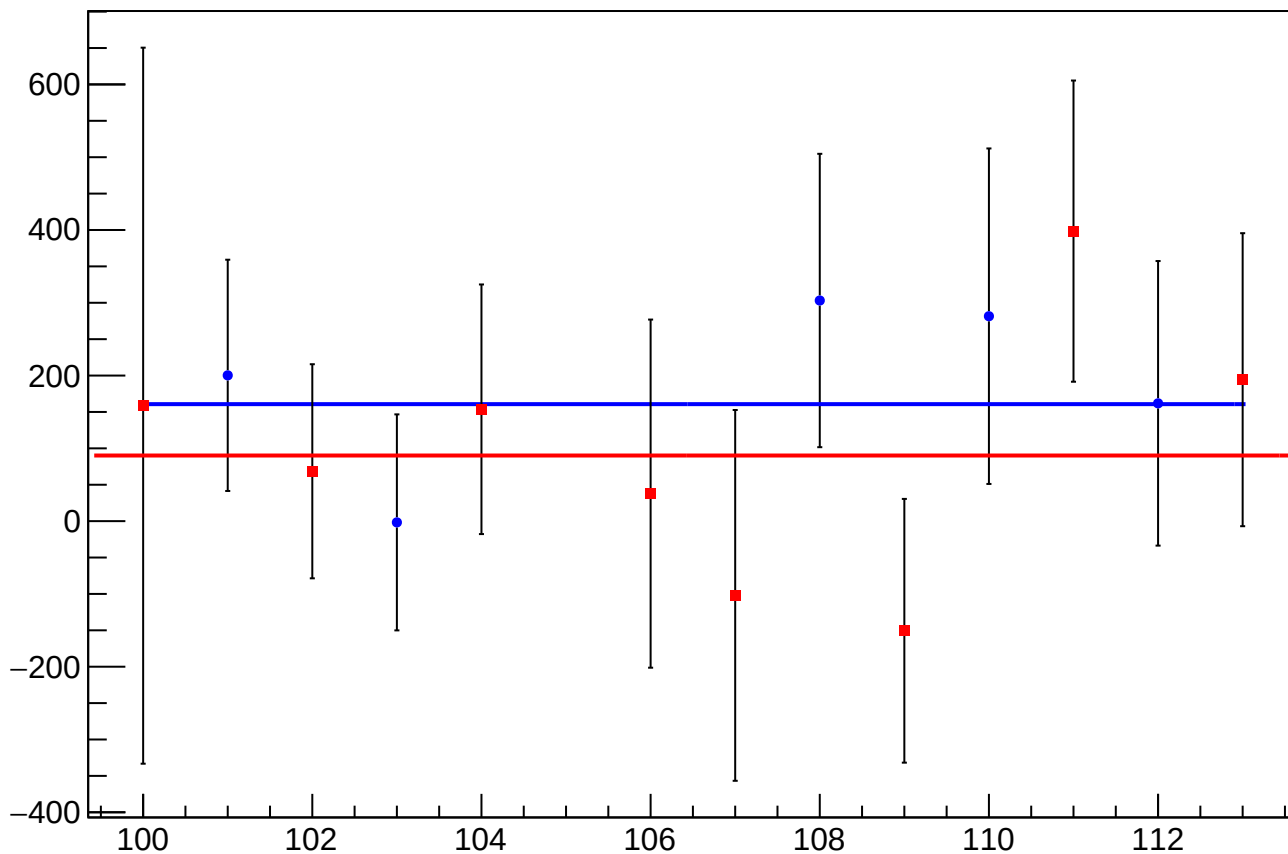
Right: 891.195+/-0.269 χ^2/NDF : 459371.7/12

In: 863.013+/-0.392 χ^2/NDF : 207885.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 891.195+/-0.269 χ^2/NDF : 459371.7/12

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: 90.164 $\pm$ -71.469 χ^2 /NDF: 5.0/7

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

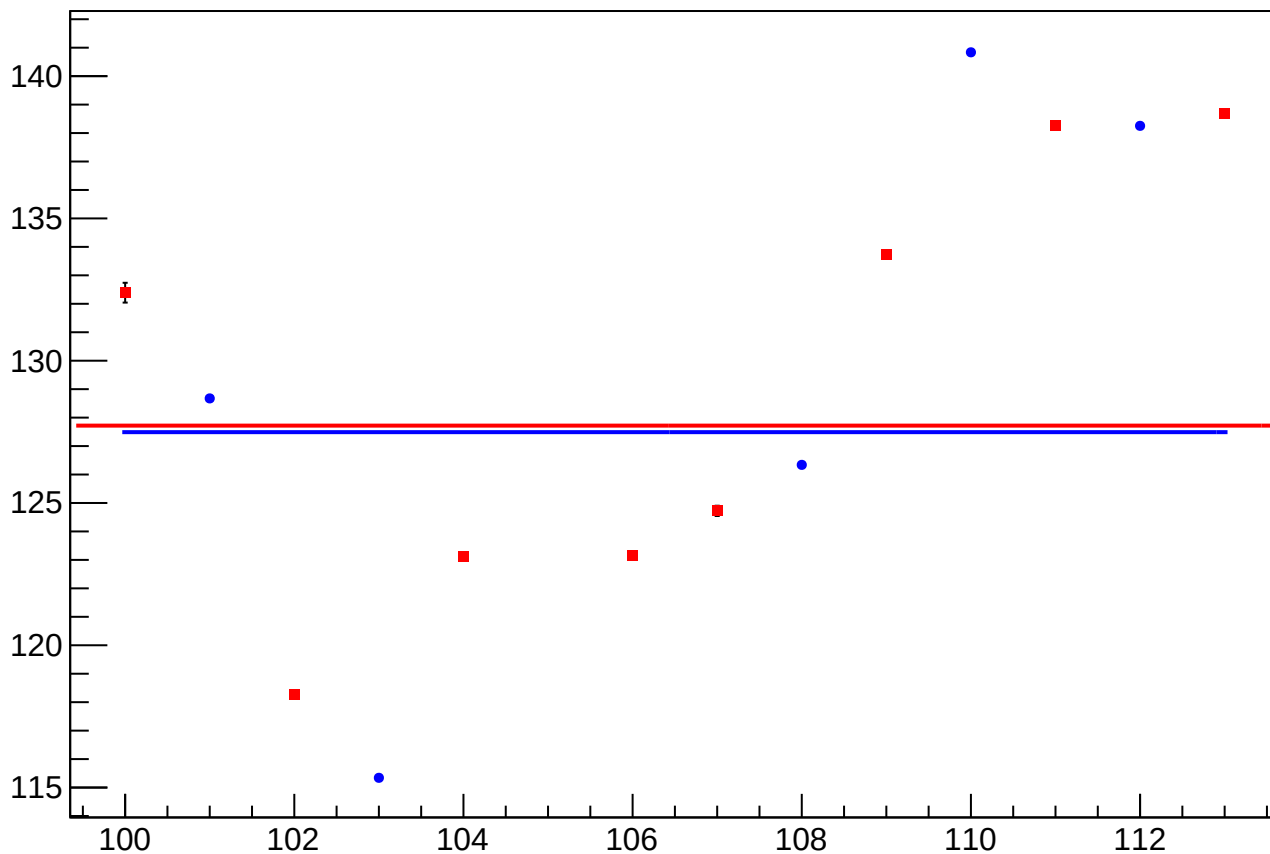
Right: 121.310 $\pm$ -53.419 χ^2 /NDF: 7.5/12

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: 121.310 $\pm$ -53.419 χ^2 /NDF: 7.5/12

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: 127.719+/-0.051 χ^2/NDF : 24234.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

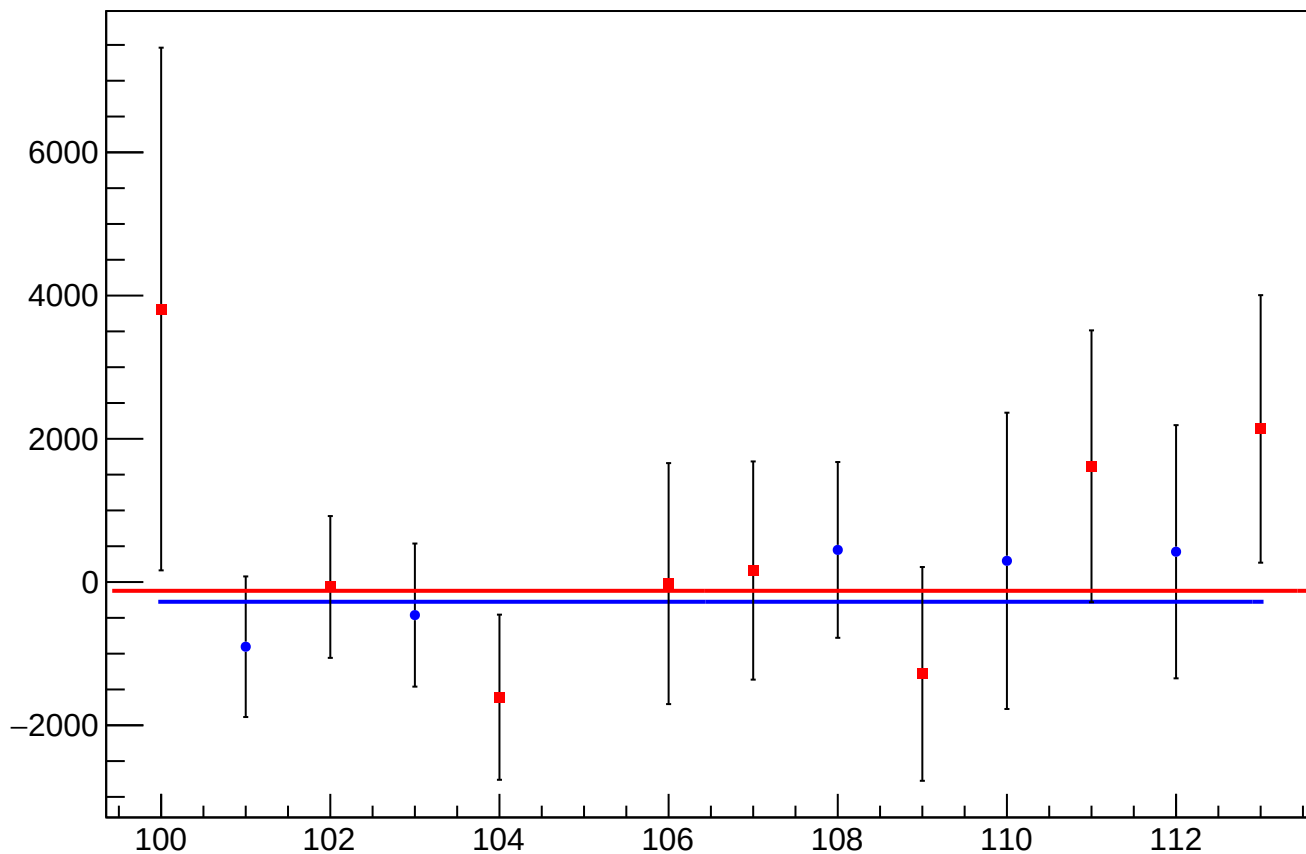
Right: 127.617+/-0.038 χ^2/NDF : 50594.8/12

In: 127.489+/-0.057 χ^2/NDF : 26351.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.617+/-0.038 χ^2/NDF : 50594.8/12

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: -122.473+/-523.792 χ^2 /NDF: 5.8/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

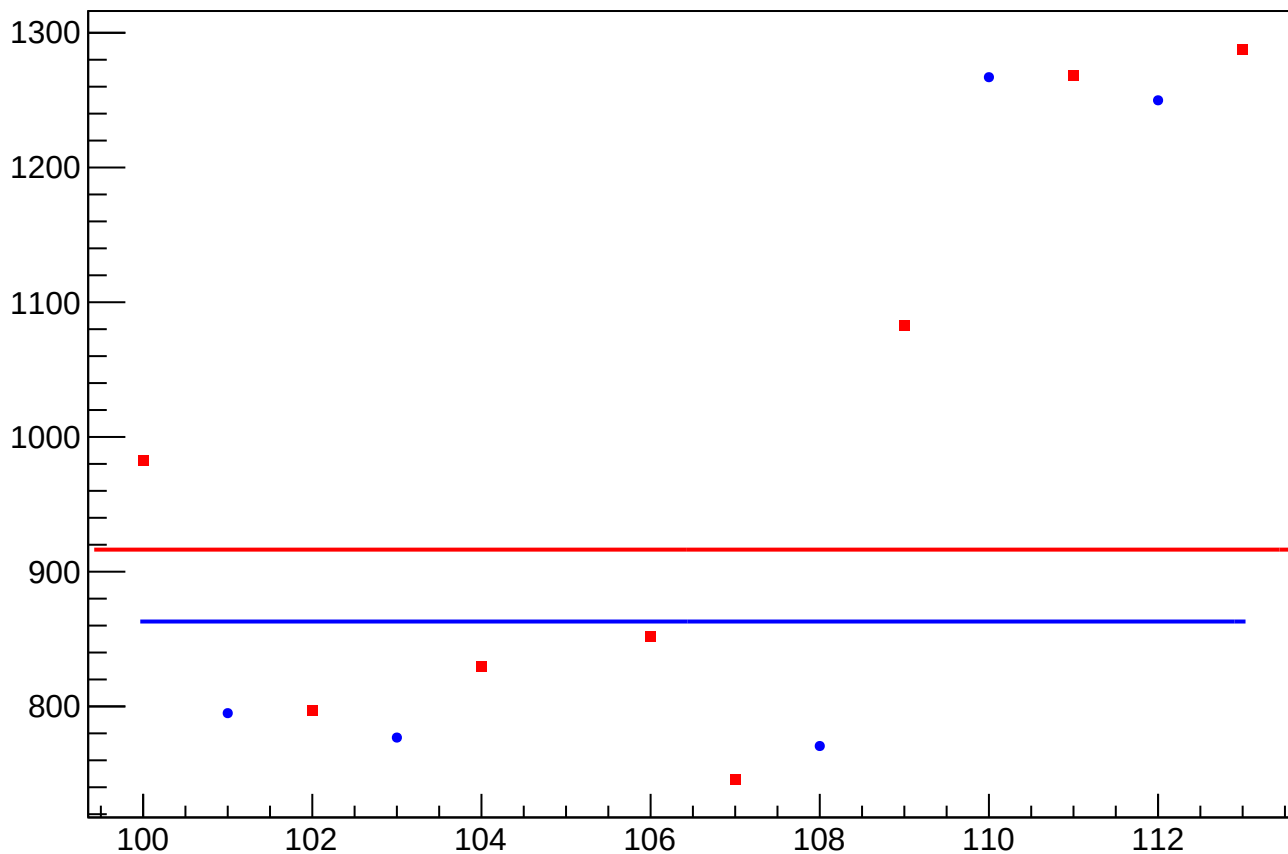
Right: -194.634+/-380.636 χ^2 /NDF: 6.8/12

In: -275.383+/-554.087 χ^2 /NDF:1.0/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -194.634+/-380.636 χ^2 /NDF: 6.8/12

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: 916.379+/-0.370 χ^2/NDF : 241688.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

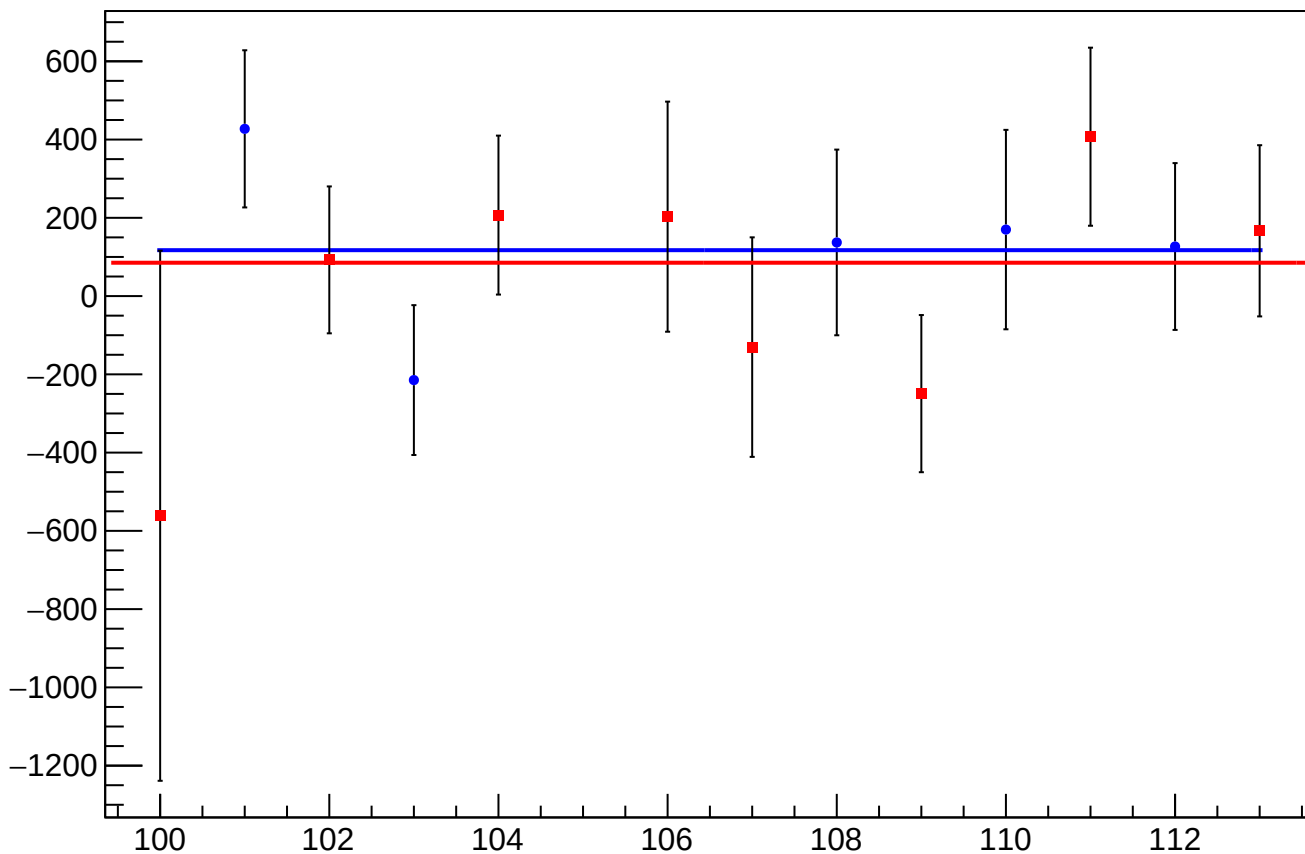
Right: 891.195+/-0.269 χ^2/NDF : 459371.7/12

In: 863.013+/-0.392 χ^2/NDF : 207885.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 891.195+/-0.269 χ^2/NDF : 459371.7/12

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: 85.234 $\pm$ 83.309 χ^2 /NDF: 6.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

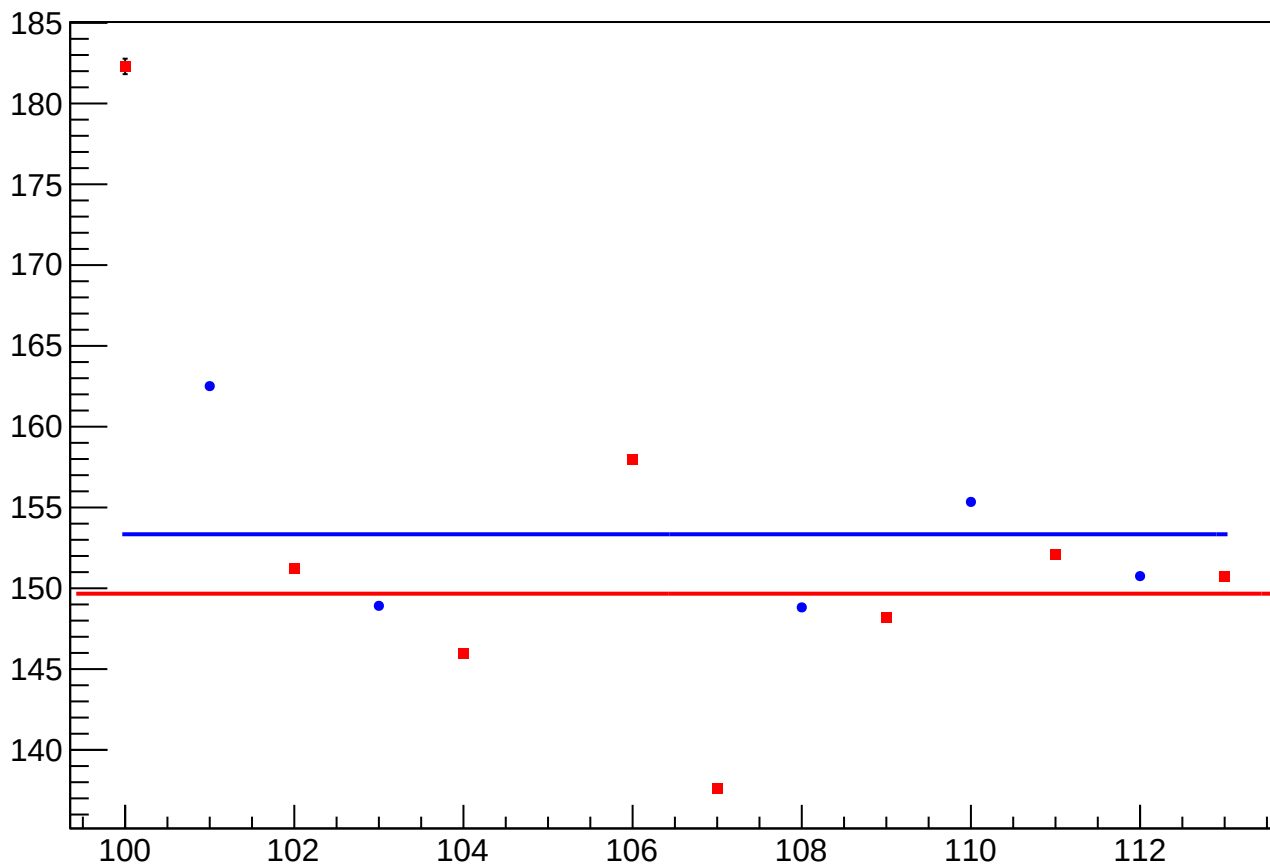
Right: 98.923 $\pm$ 63.078 χ^2 /NDF: 12.4/12

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: 98.923 $\pm$ 63.078 χ^2 /NDF: 12.4/12

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: 149.666+/-0.059 χ^2/NDF : 11133.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

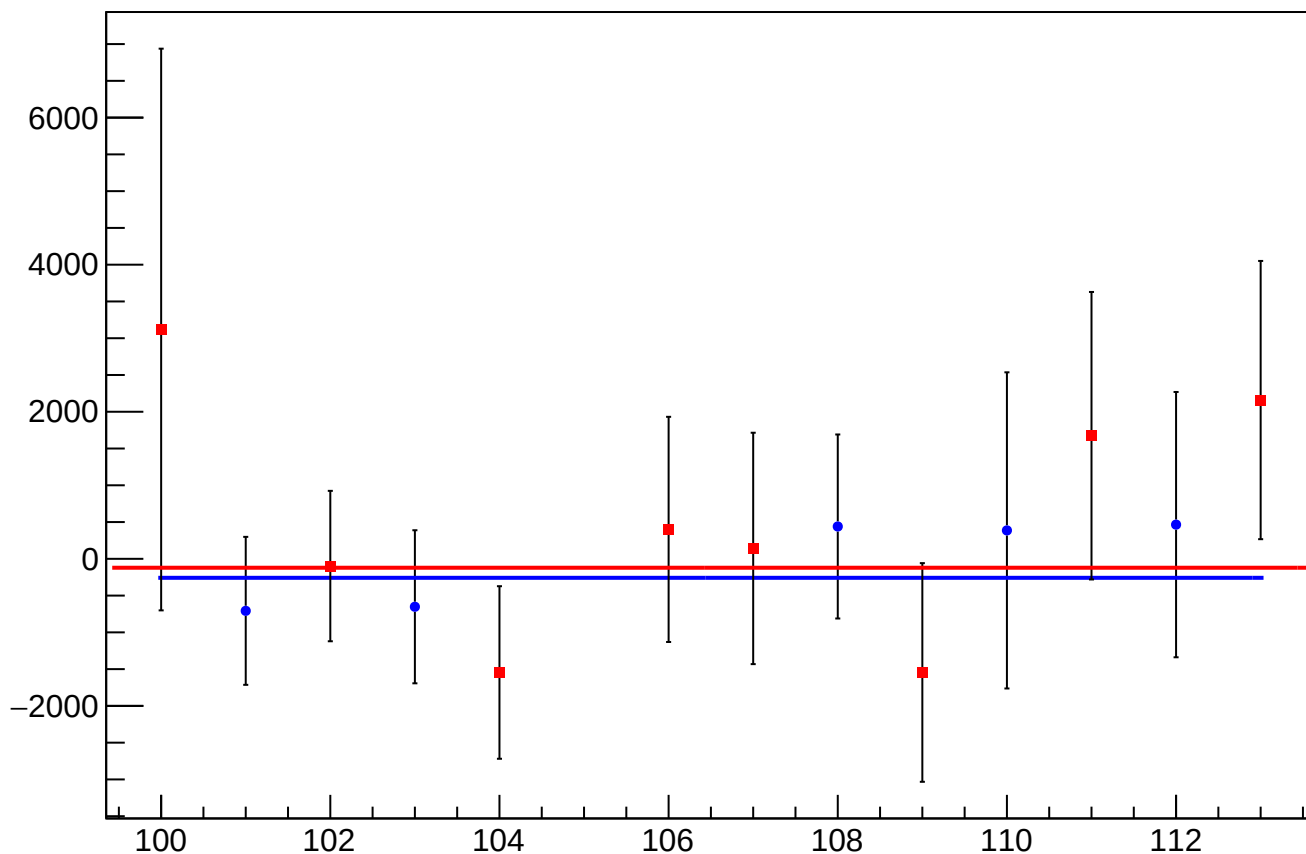
Right: 151.235+/-0.045 χ^2/NDF : 19178.7/12

In: 153.343+/-0.068 χ^2/NDF : 6383.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.235+/-0.045 χ^2/NDF : 19178.7/12

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: -121.170+/-528.885 χ^2/NDF : 5.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

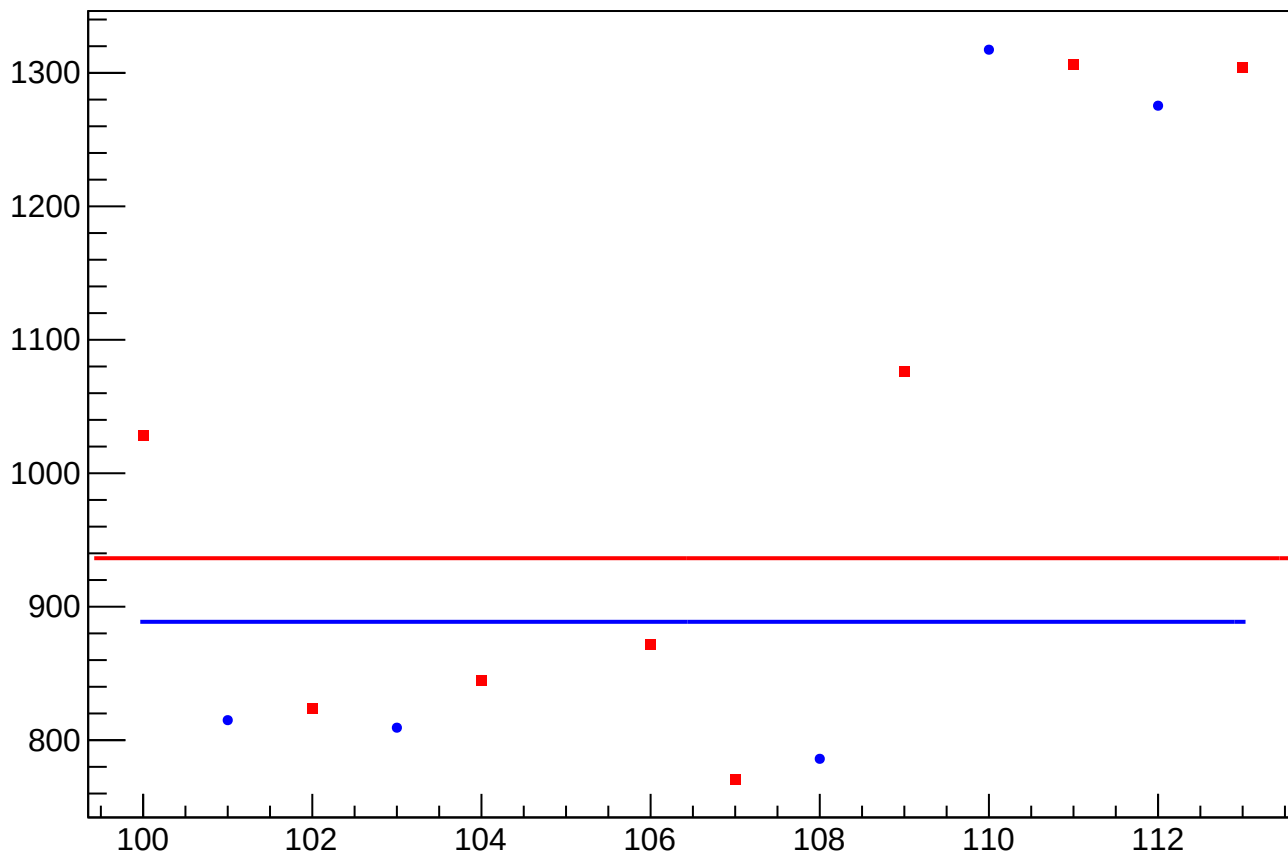
Right: -184.518+/-387.829 χ^2/NDF : 6.5/12

In: -258.204+/-570.412 χ^2/NDF : 0.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -184.518+/-387.829 χ^2/NDF : 6.5/12

asym_sam_26_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 888.684 $\pm$ 0.403 χ^2 /NDF: 207274.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 936.335 $\pm$ 0.374 χ^2 /NDF: 228326.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

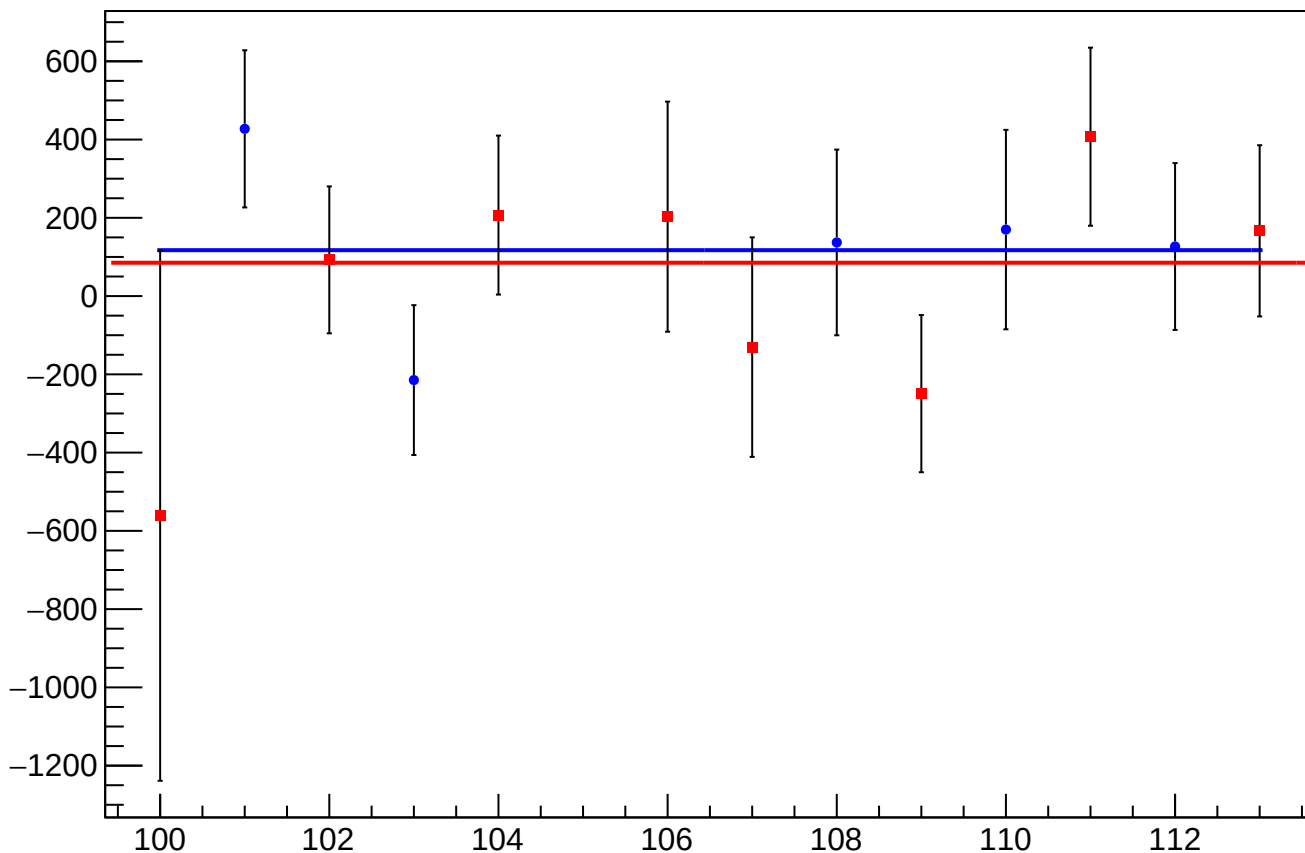
Right: 914.307 $\pm$ 0.274 χ^2 /NDF: 443106.4/12

In: 888.684 $\pm$ 0.403 χ^2 /NDF:207274.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 914.307 $\pm$ 0.274 χ^2 /NDF: 443106.4/12

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: 85.233 $\pm$ 83.308 χ^2 /NDF: 6.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

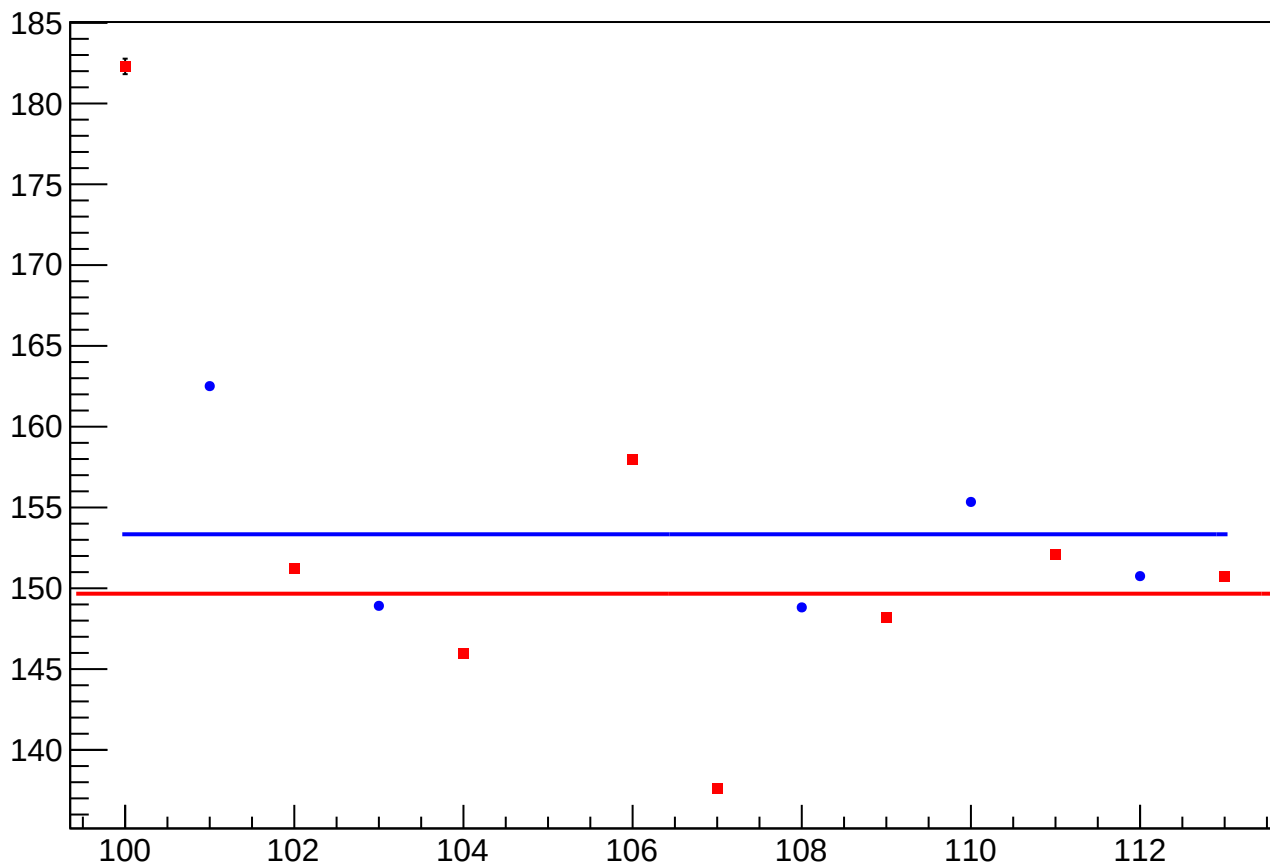
Right: 98.920 $\pm$ 63.078 χ^2 /NDF: 12.4/12

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: 98.920 $\pm$ 63.078 χ^2 /NDF: 12.4/12

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: 149.666+/-0.059 χ^2/NDF : 11132.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

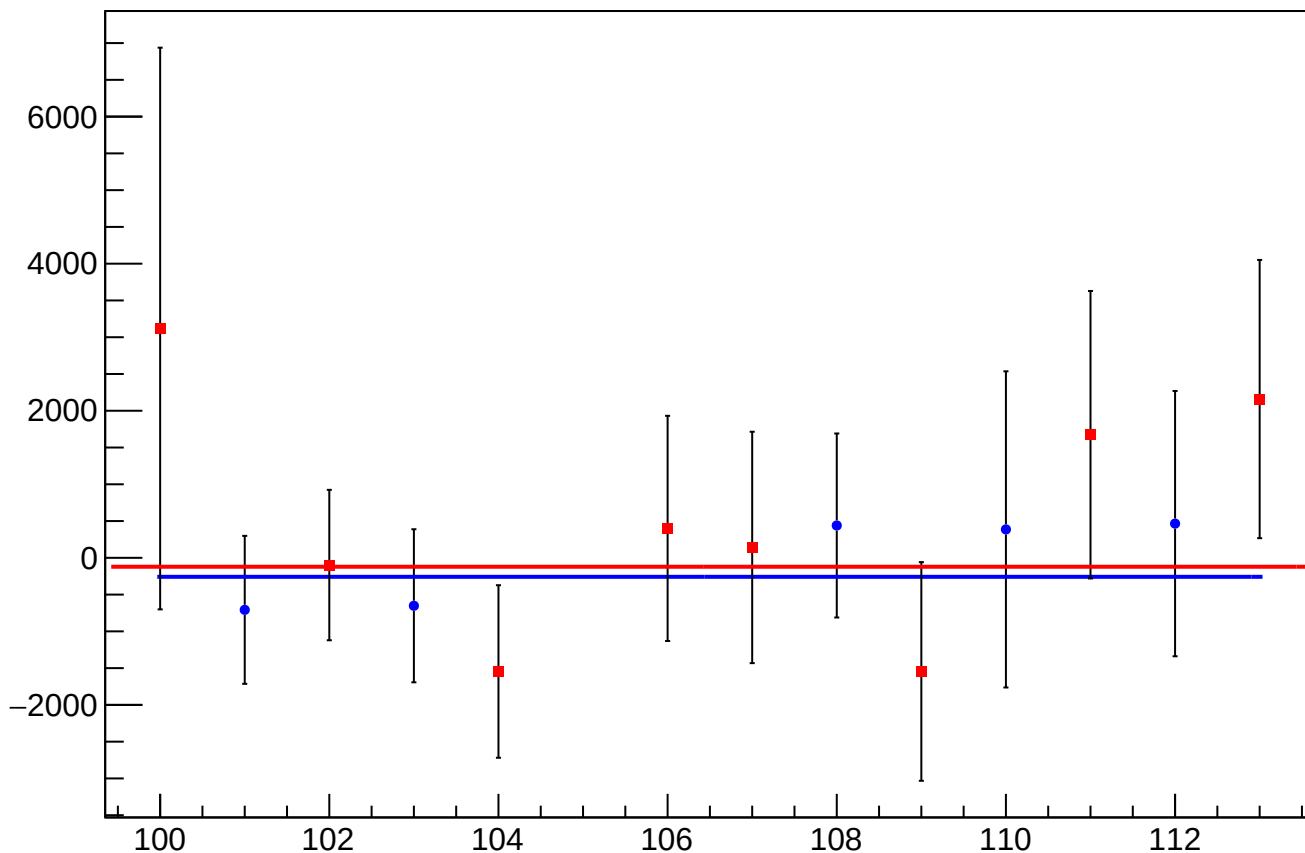
Right: 151.235+/-0.045 χ^2/NDF : 19178.3/12

In: 153.343+/-0.068 χ^2/NDF : 6383.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.235+/-0.045 χ^2/NDF : 19178.3/12

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: -121.171+/-528.884 χ^2/NDF : 5.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

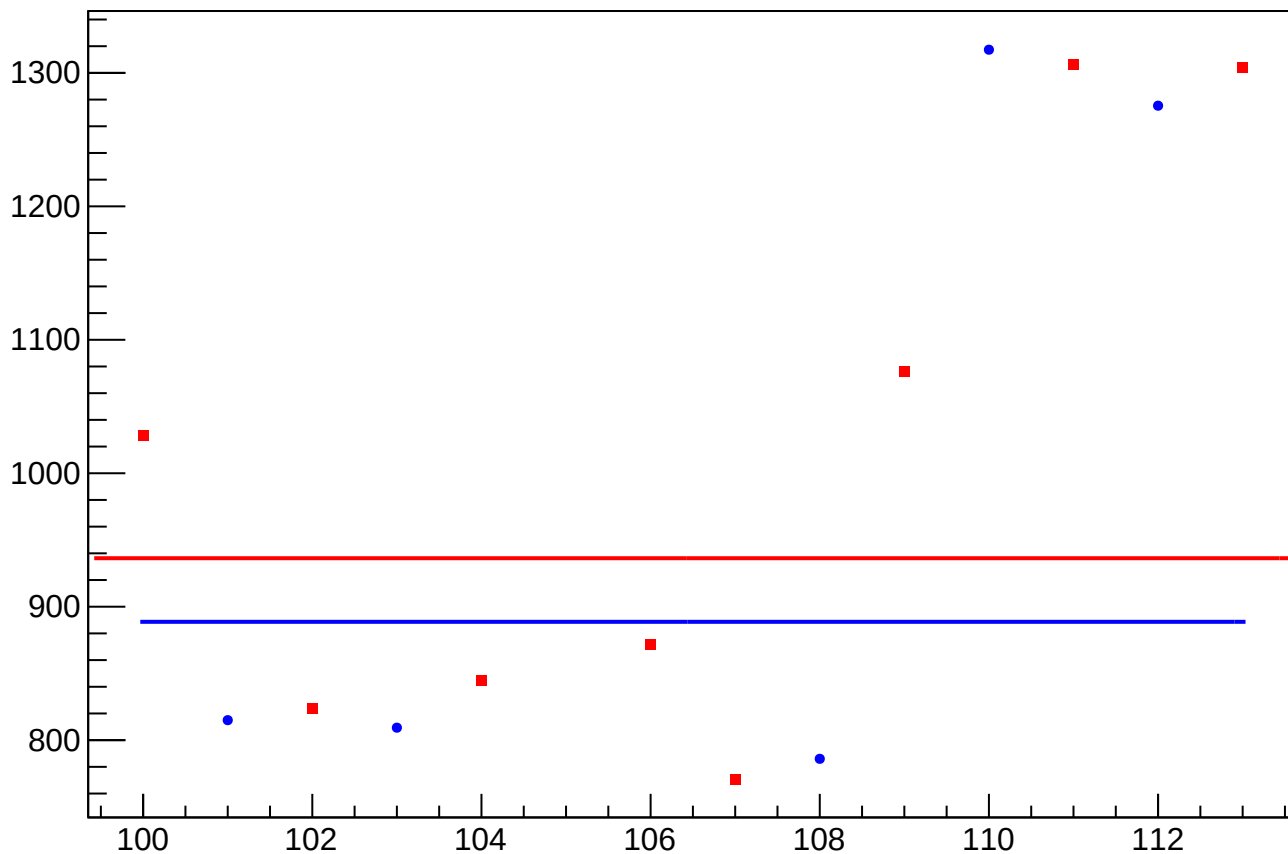
Right: -184.520+/-387.828 χ^2/NDF : 6.5/12

In: -258.208+/-570.410 χ^2/NDF : 0.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -184.520+/-387.828 χ^2/NDF : 6.5/12

asym_sam_26_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 888.682 $\pm$ 0.403 χ^2 /NDF: 207272.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 936.333 $\pm$ 0.374 χ^2 /NDF: 228325.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

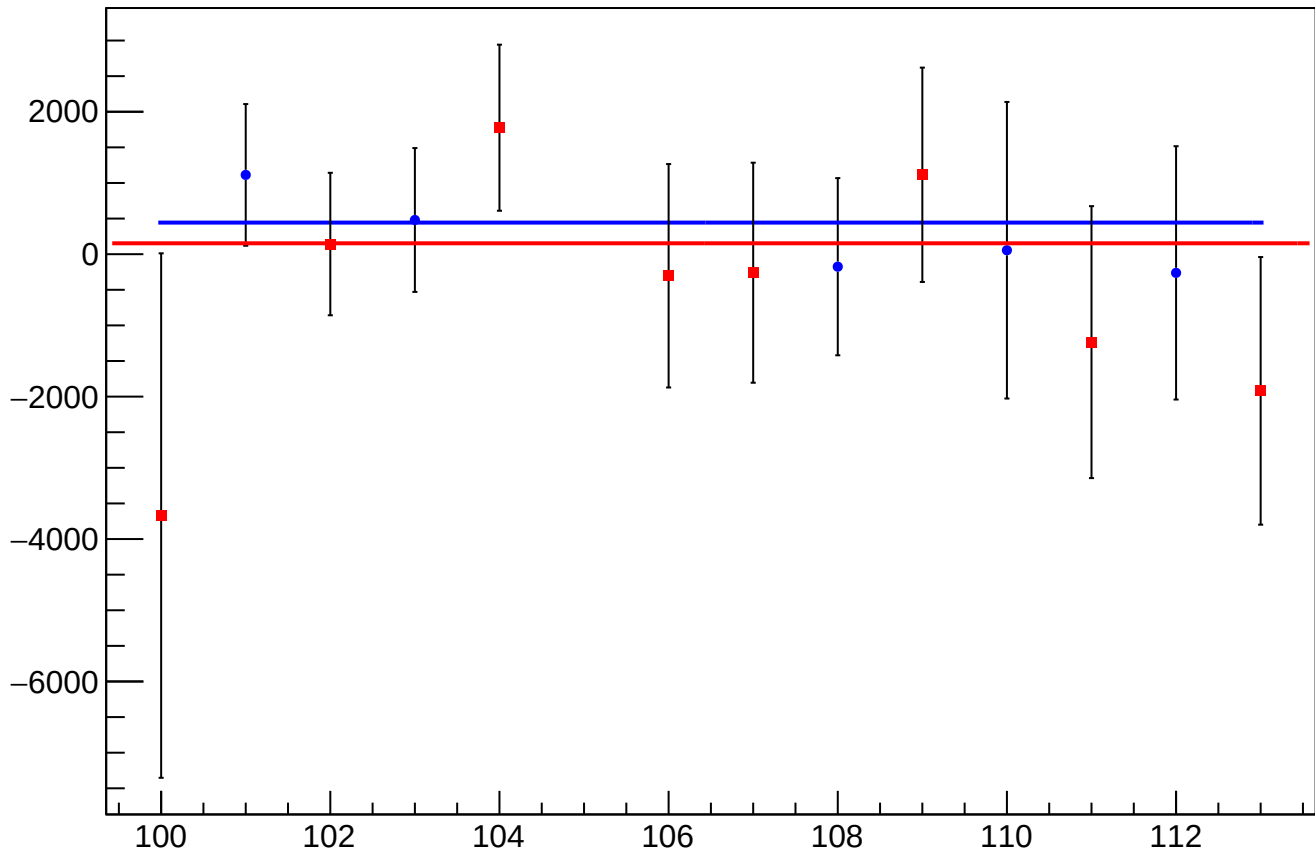
Right: 914.305 $\pm$ 0.274 χ^2 /NDF: 443102.4/12

In: 888.682 $\pm$ 0.403 χ^2 /NDF:207272.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 914.305 $\pm$ 0.274 χ^2 /NDF: 443102.4/12

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: 152.962+/-524.644 χ^2/NDF : 5.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

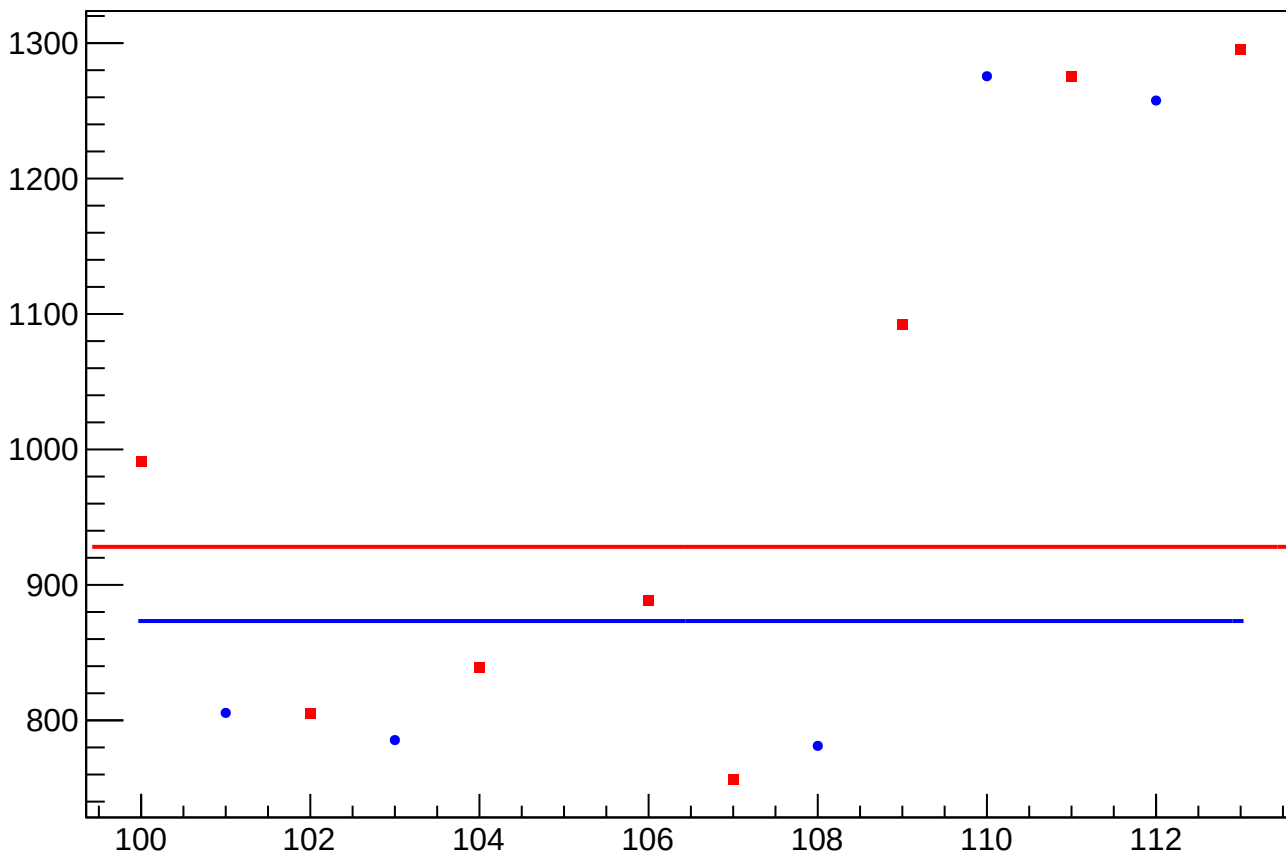
Right: 288.720+/-383.006 χ^2/NDF : 6.4/12

In: 443.631+/-560.431 χ^2/NDF : 0.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 288.720+/-383.006 χ^2/NDF : 6.4/12

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: 928.100+/-0.371 χ^2/NDF : 234912.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

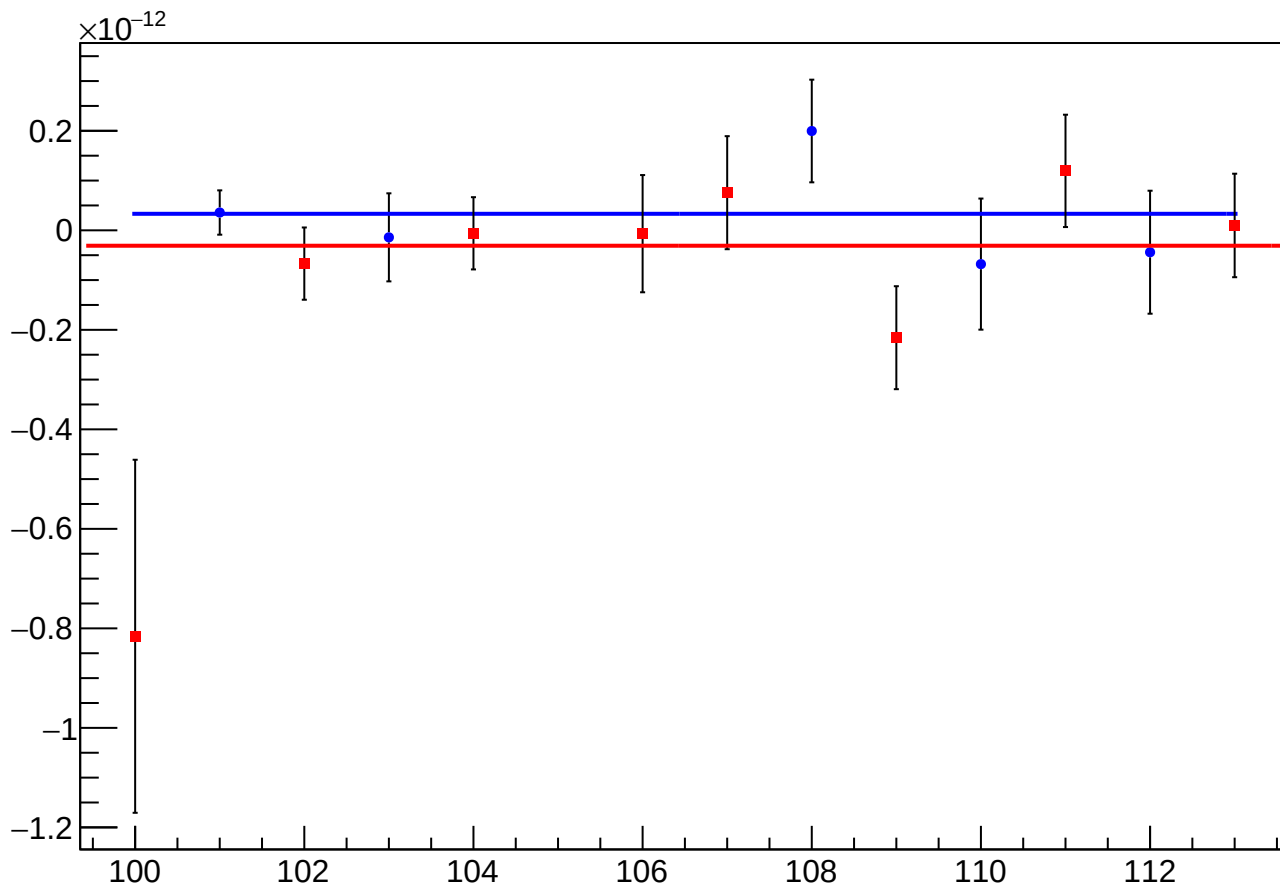
Right: 902.518+/-0.271 χ^2/NDF : 448482.8/12

In: 873.328+/-0.396 χ^2/NDF : 203389.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 902.518+/-0.271 χ^2/NDF : 448482.8/12

asym_sam_26_48_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 : 11.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

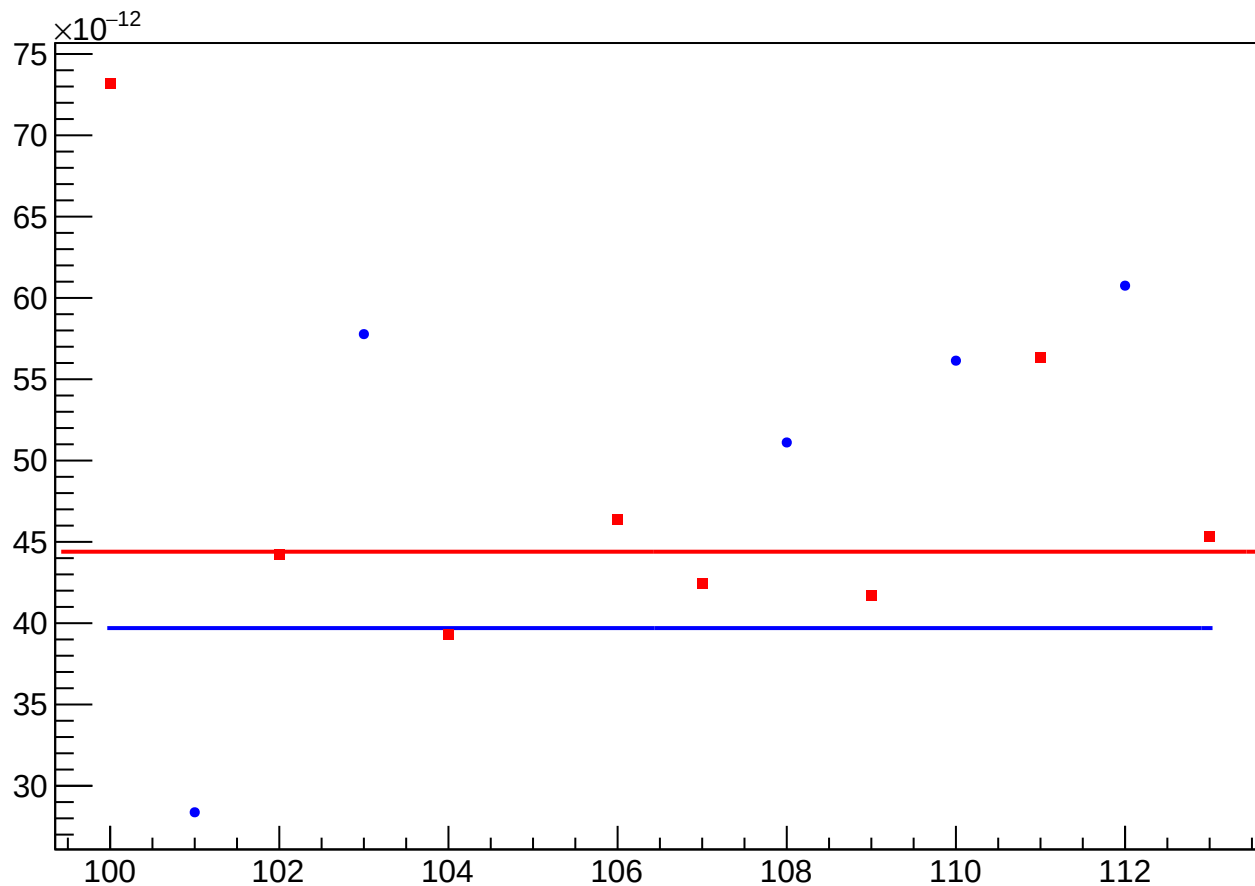
Right: 0.000+/-0.000 χ^2/NDF : 16.9/12

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 : 16.9/12

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 : 48010.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

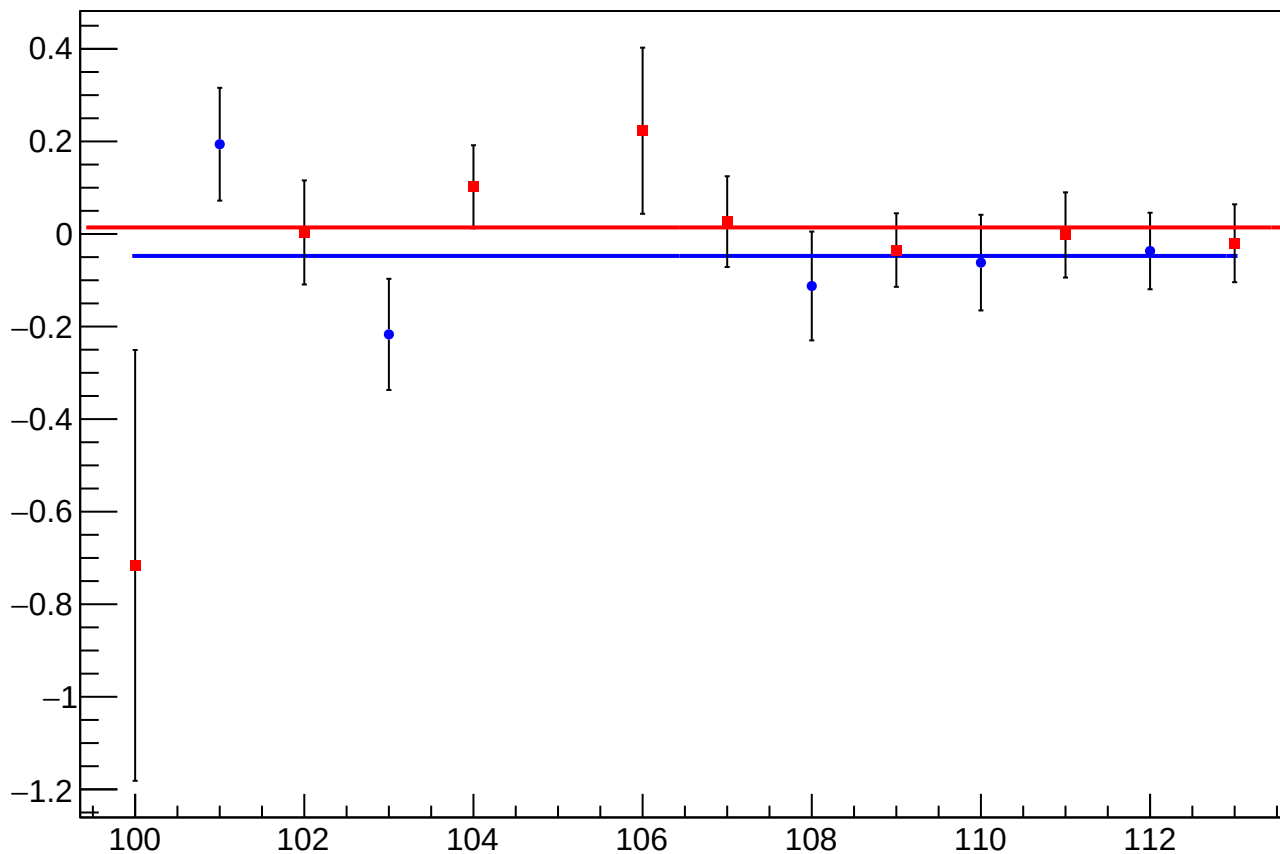
Right: 0.000+/-0.000 χ^2/NDF : 392659.2/12

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 : 392659.2/12

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: 0.014 $\pm$ 0.036 χ^2 /NDF: 5.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

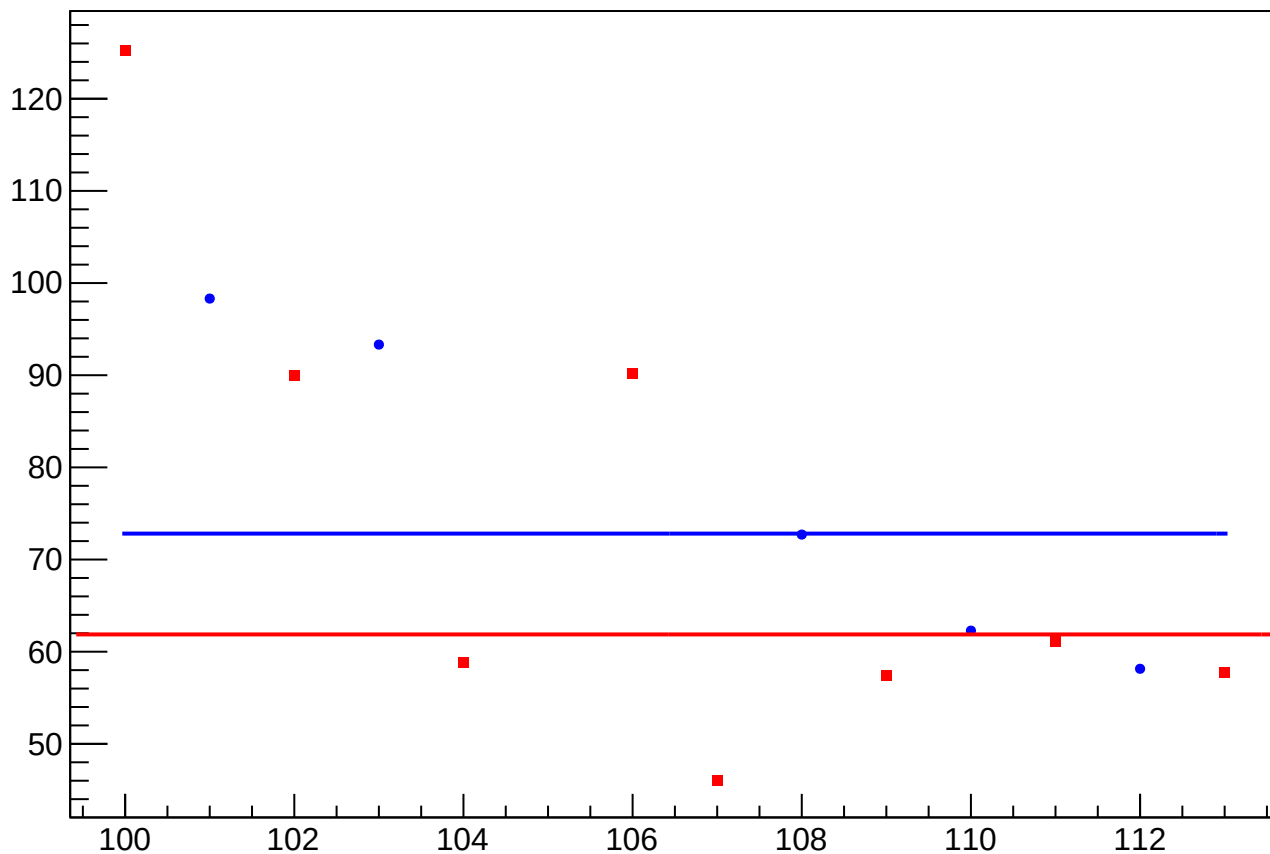
Right: -0.009 $\pm$ 0.029 χ^2 /NDF: 12.7/12

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: -0.009 $\pm$ 0.029 χ^2 /NDF: 12.7/12

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: 61.874+/-0.026 χ^2/NDF : 277285.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

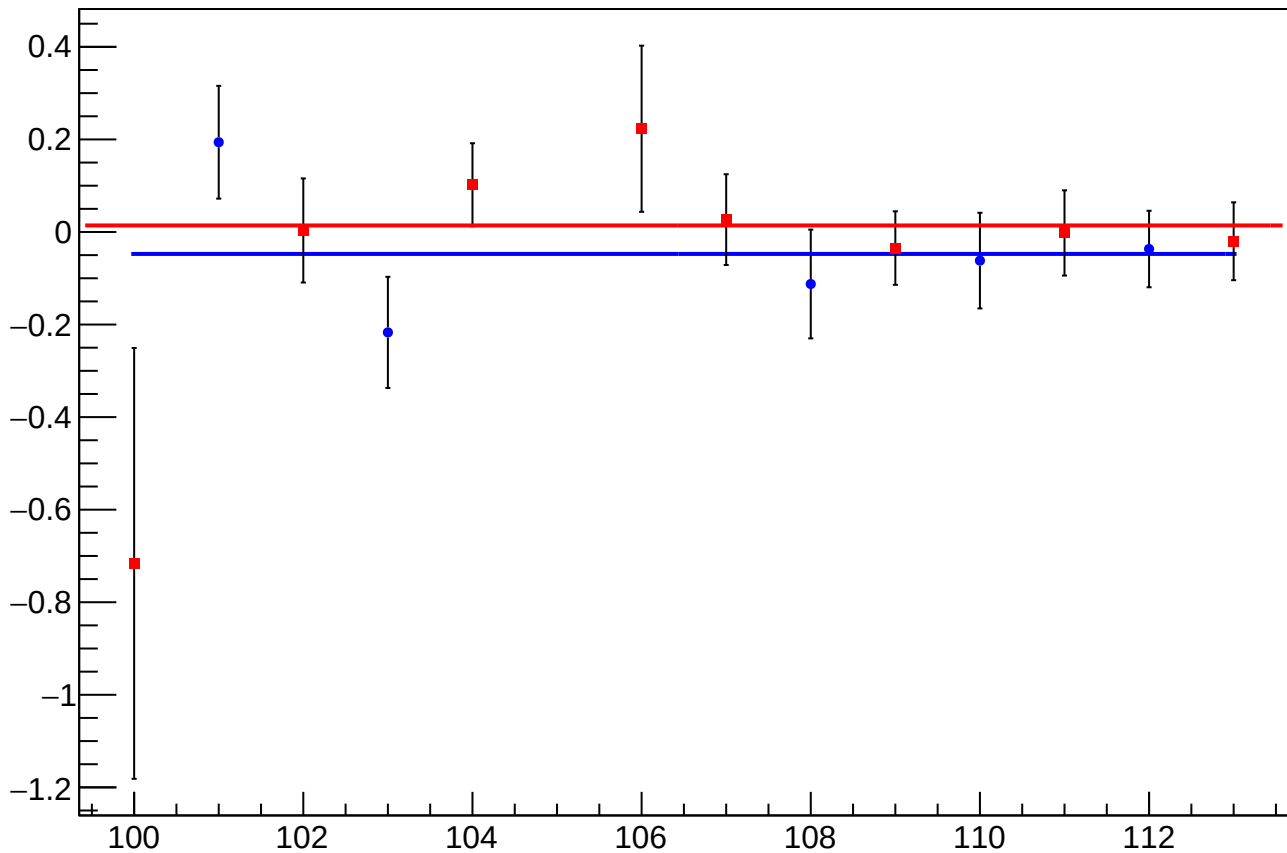
Right: 65.935+/-0.020 χ^2/NDF : 574530.6/12

In: 72.814+/-0.033 χ^2/NDF : 229658.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.935+/-0.020 χ^2/NDF : 574530.6/12

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: 0.014 $\pm$ 0.036 χ^2 /NDF: 5.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

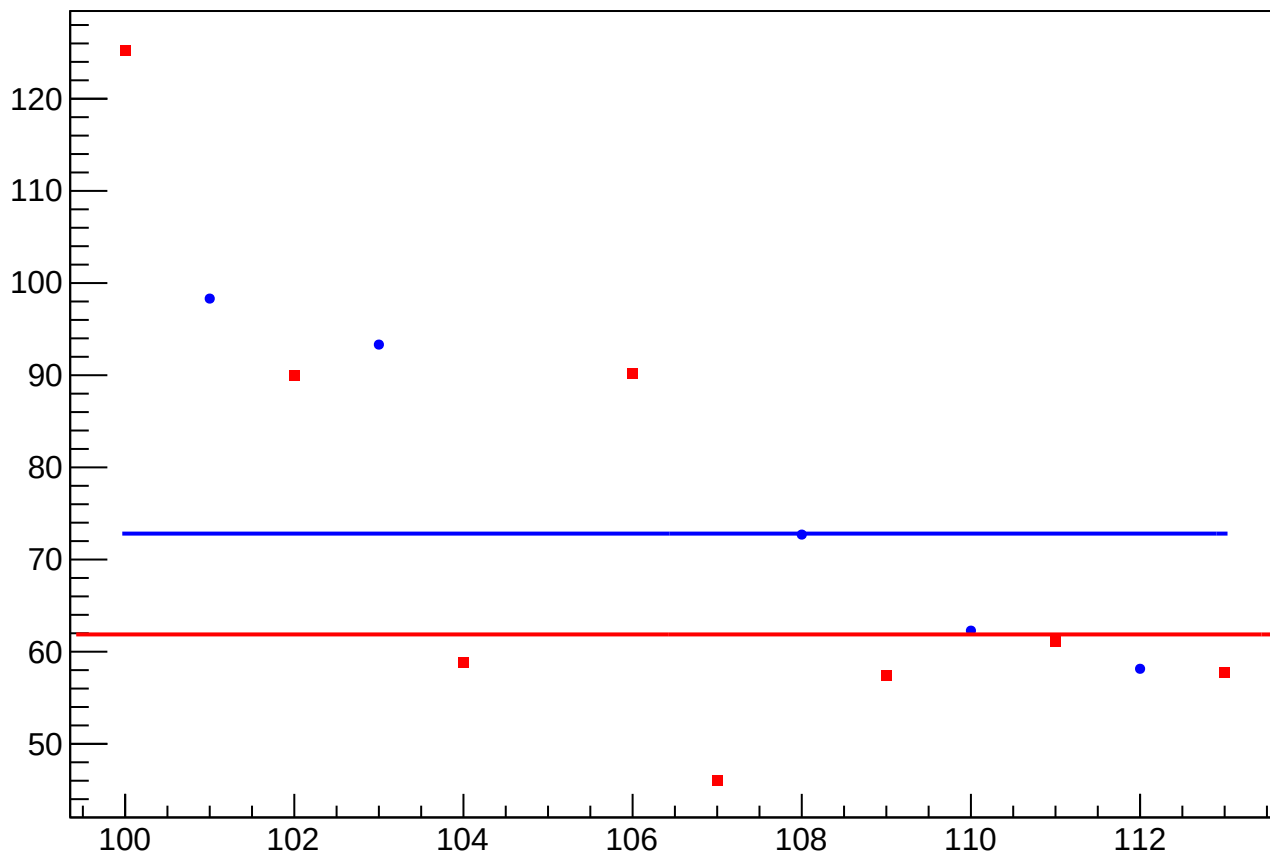
Right: -0.009 $\pm$ 0.029 χ^2 /NDF: 12.7/12

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: -0.009 $\pm$ 0.029 χ^2 /NDF: 12.7/12

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: 61.874+/-0.026 χ^2/NDF : 277285.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

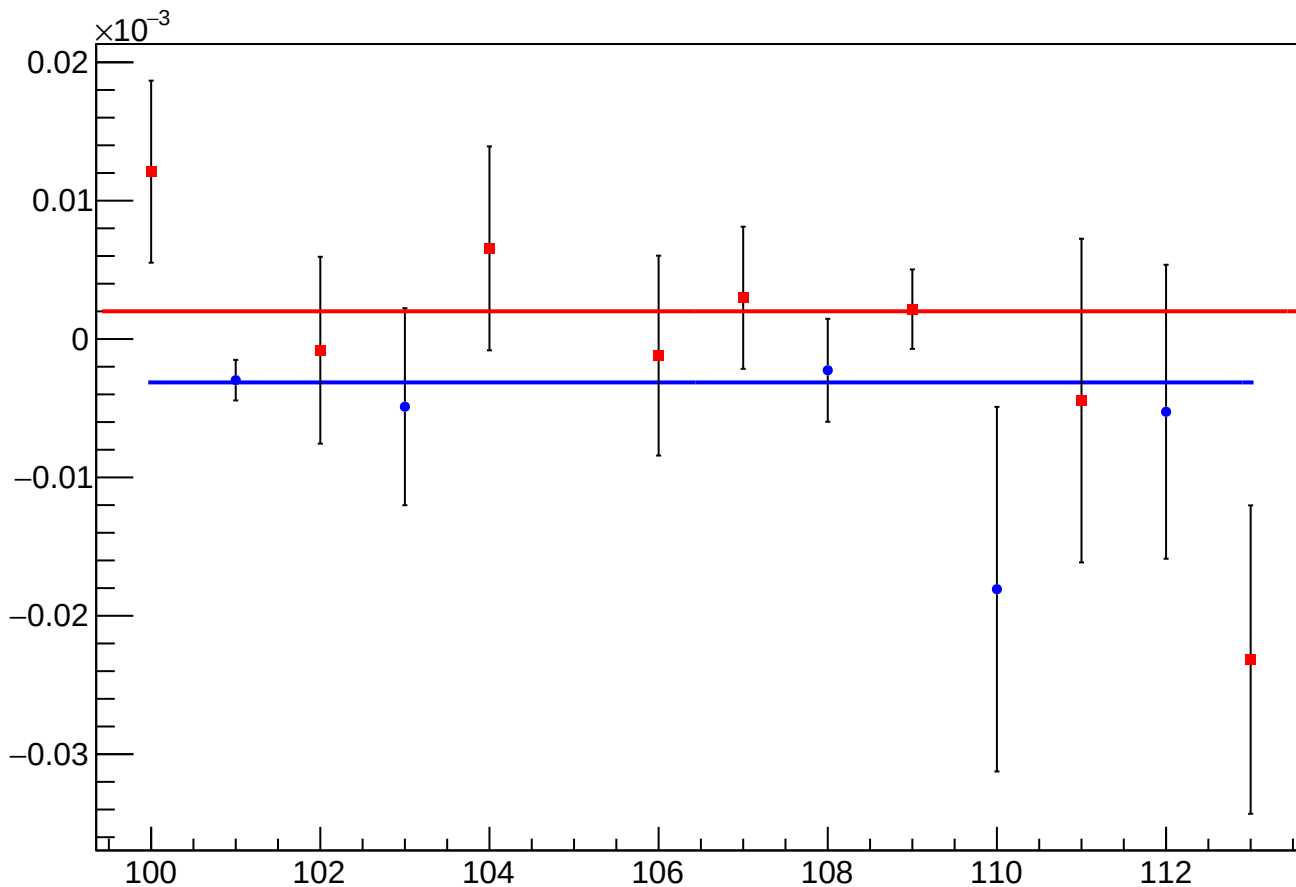
Right: 65.935+/-0.020 χ^2/NDF : 574530.6/12

In: 72.814+/-0.033 χ^2/NDF : 229658.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.935+/-0.020 χ^2/NDF : 574530.6/12

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 : 8.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

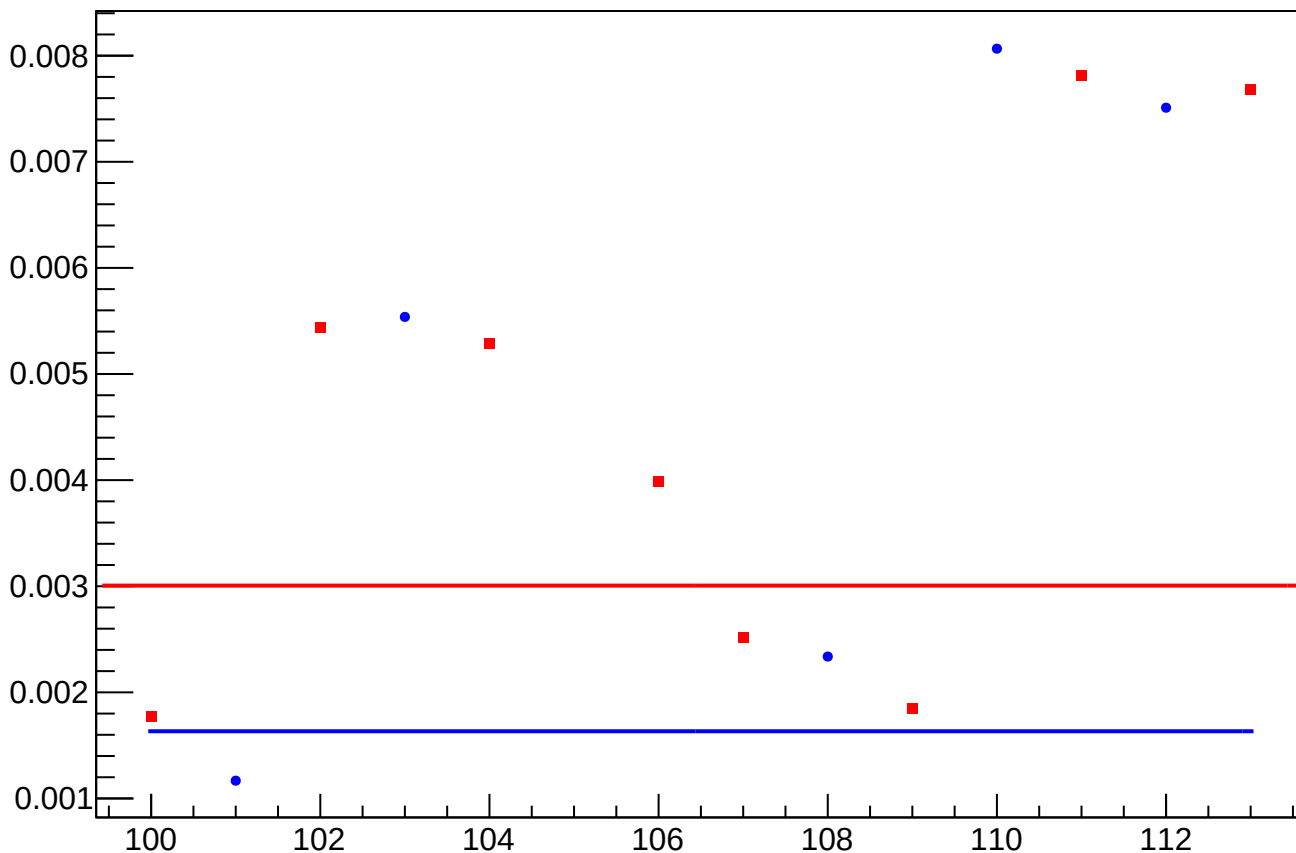
Right: -0.000+/-0.000 χ^2/NDF : 14.7/12

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 : 14.7/12

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 : 1589819.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

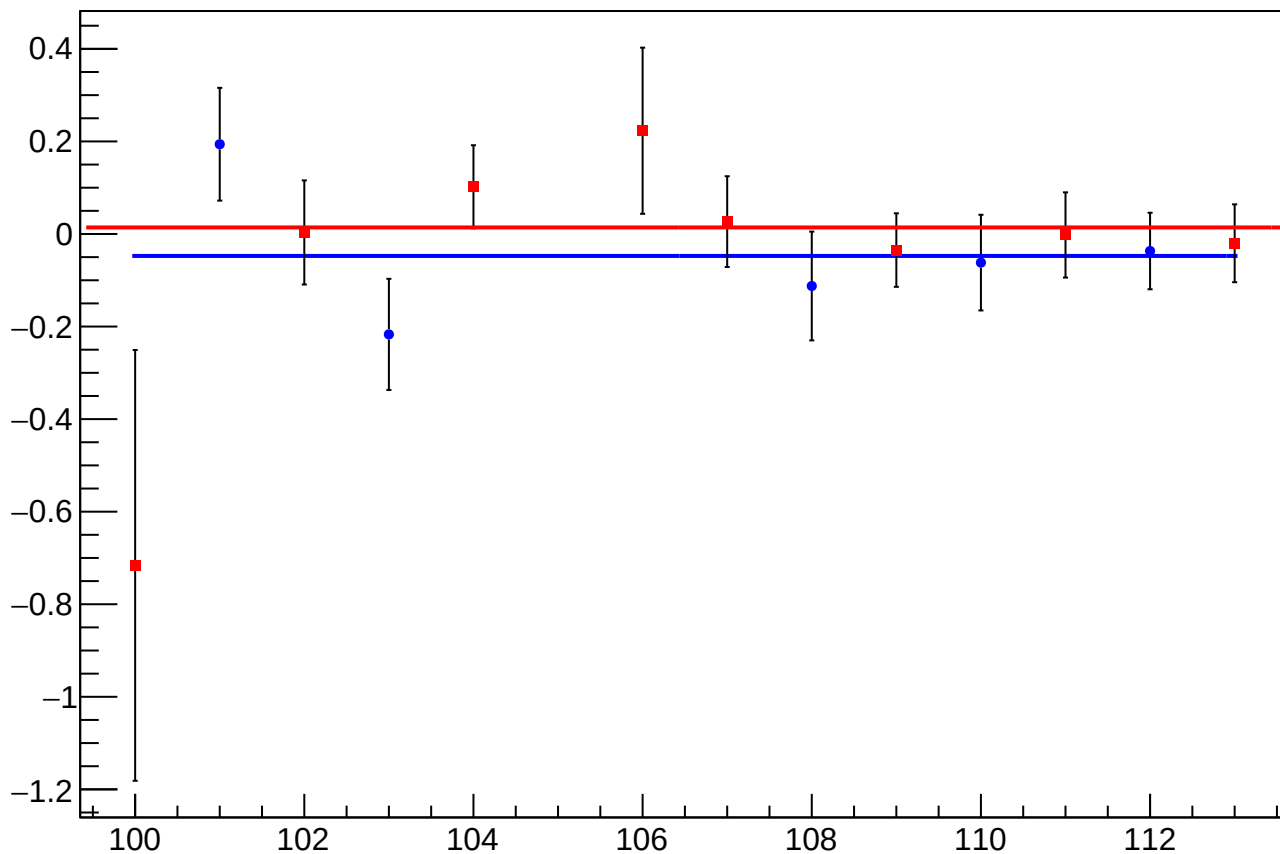
Right: 0.002+/-0.000 χ^2/NDF : 4222426.6/12

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 : 4222426.6/12

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: 0.014 $\pm$ 0.036 χ^2 /NDF: 5.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

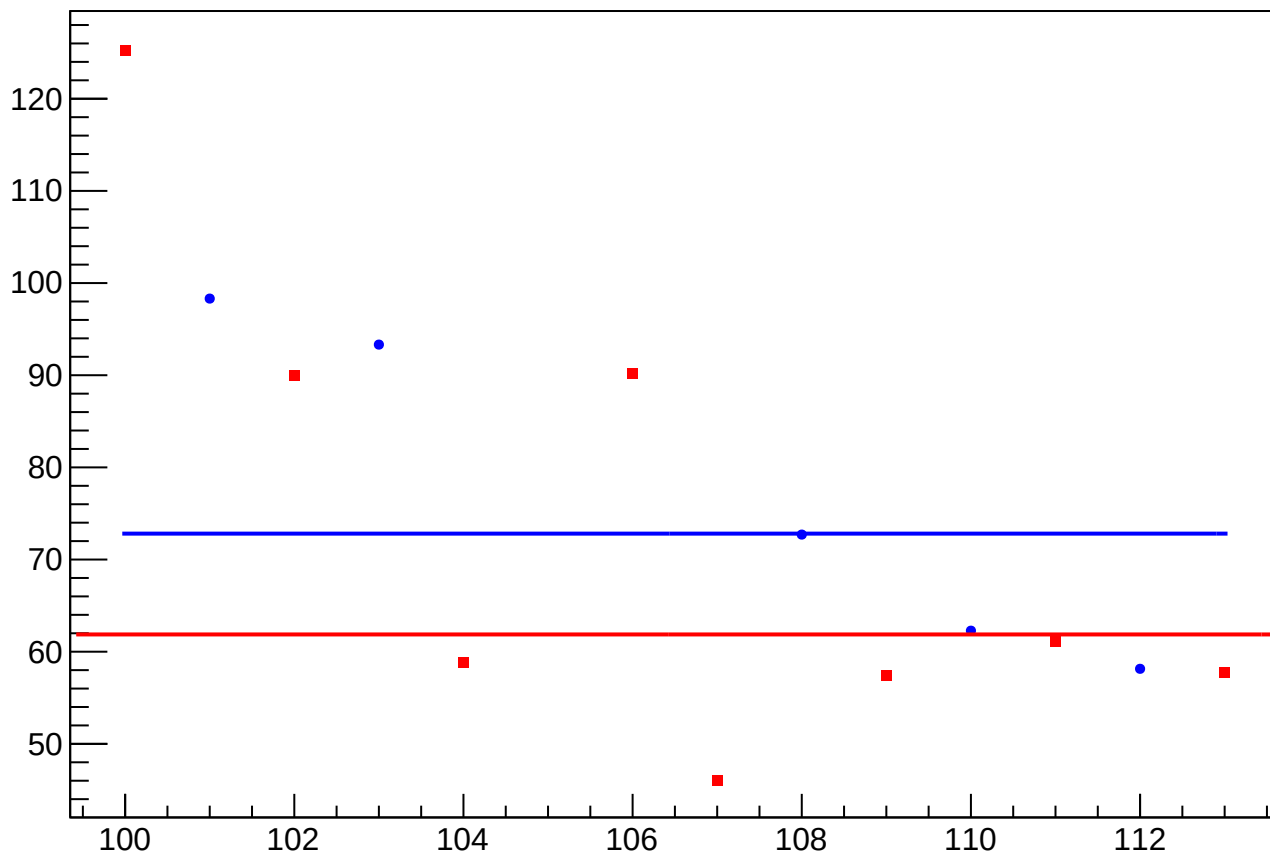
Right: -0.009 $\pm$ 0.029 χ^2 /NDF: 12.7/12

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: -0.009 $\pm$ 0.029 χ^2 /NDF: 12.7/12

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: 61.873+/-0.026 χ^2/NDF : 277290.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

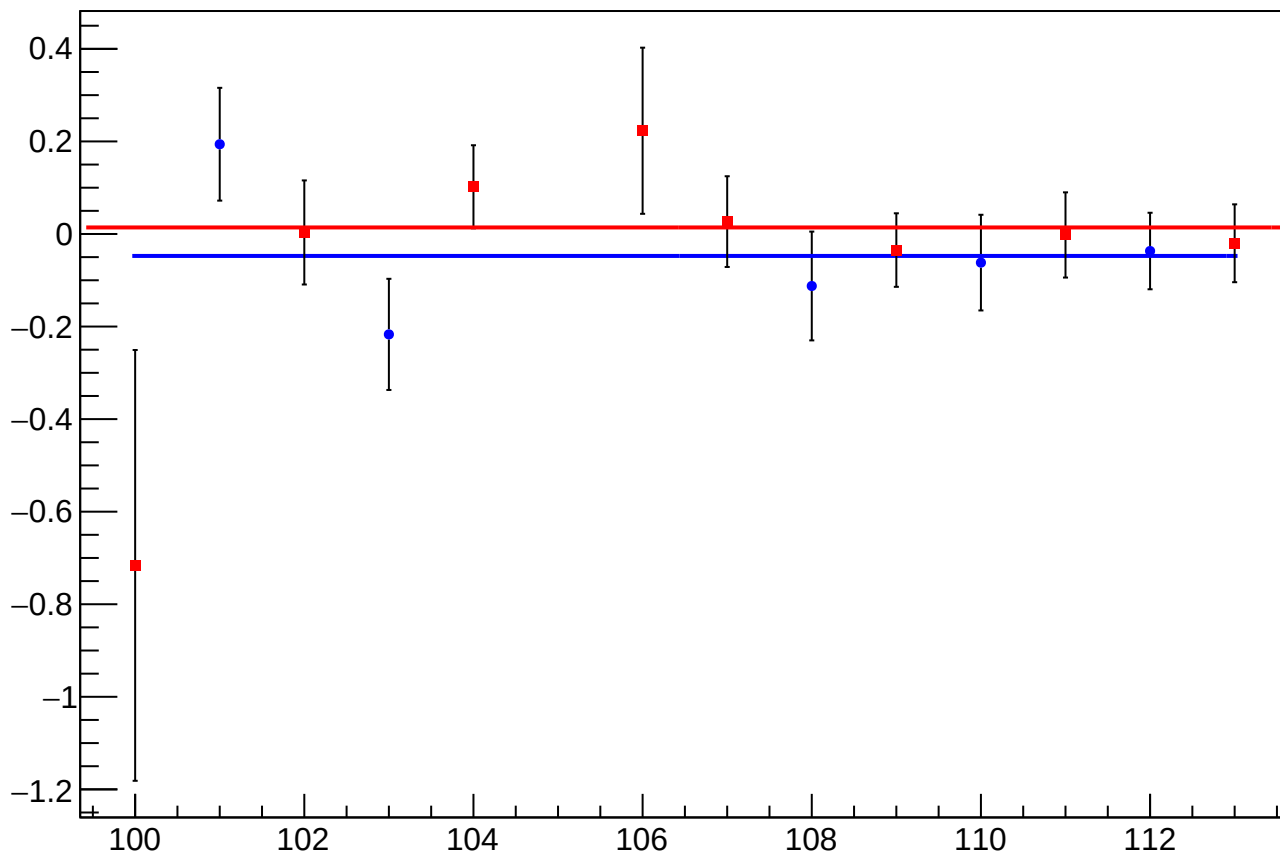
Right: 65.933+/-0.020 χ^2/NDF : 574564.6/12

In: 72.812+/-0.033 χ^2/NDF : 229691.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.933+/-0.020 χ^2/NDF : 574564.6/12

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: 0.014 $\pm$ 0.036 χ^2 /NDF: 5.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

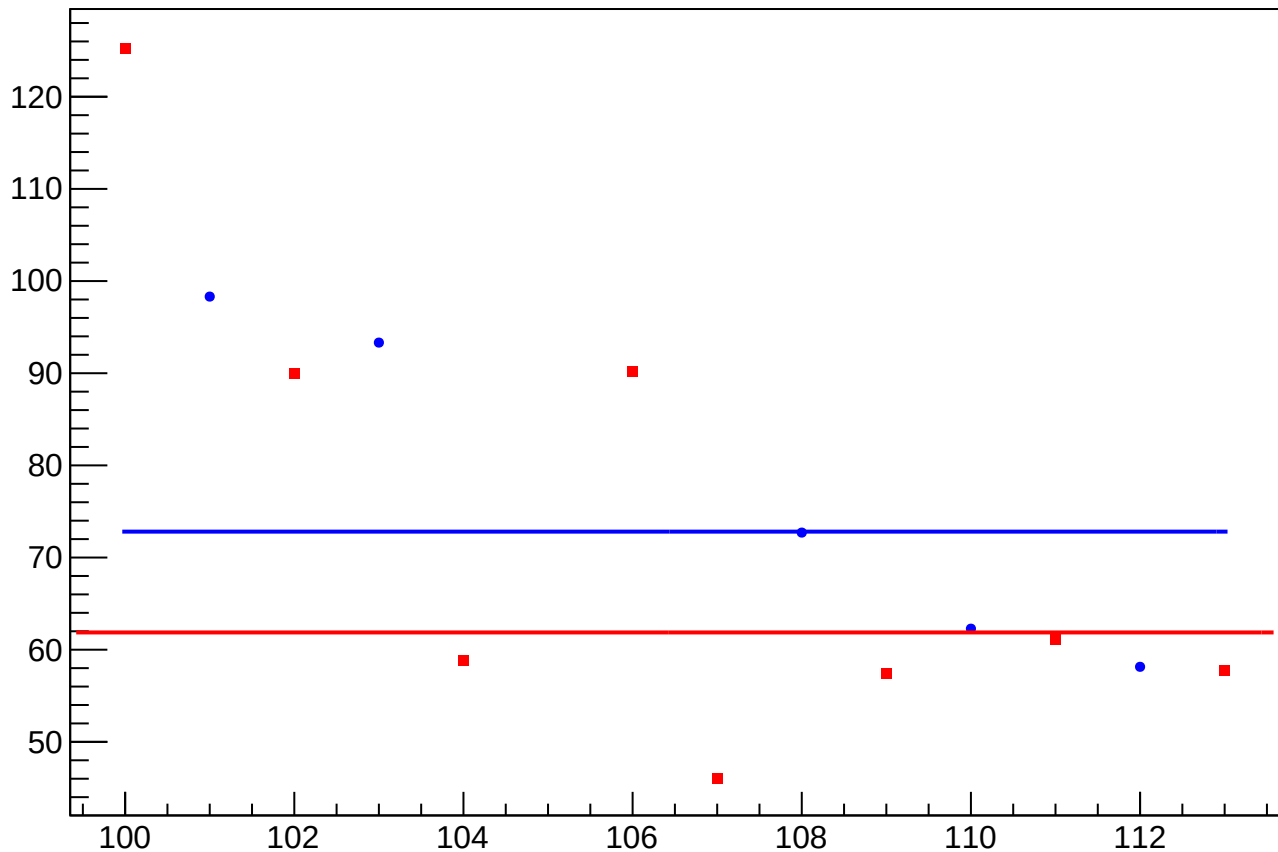
Right: -0.009 $\pm$ 0.029 χ^2 /NDF: 12.7/12

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: -0.009 $\pm$ 0.029 χ^2 /NDF: 12.7/12

asym_sam_26_48_dd_eigen_dit_vs_eigen_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: 61.873+/-0.026 χ^2/NDF : 277290.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

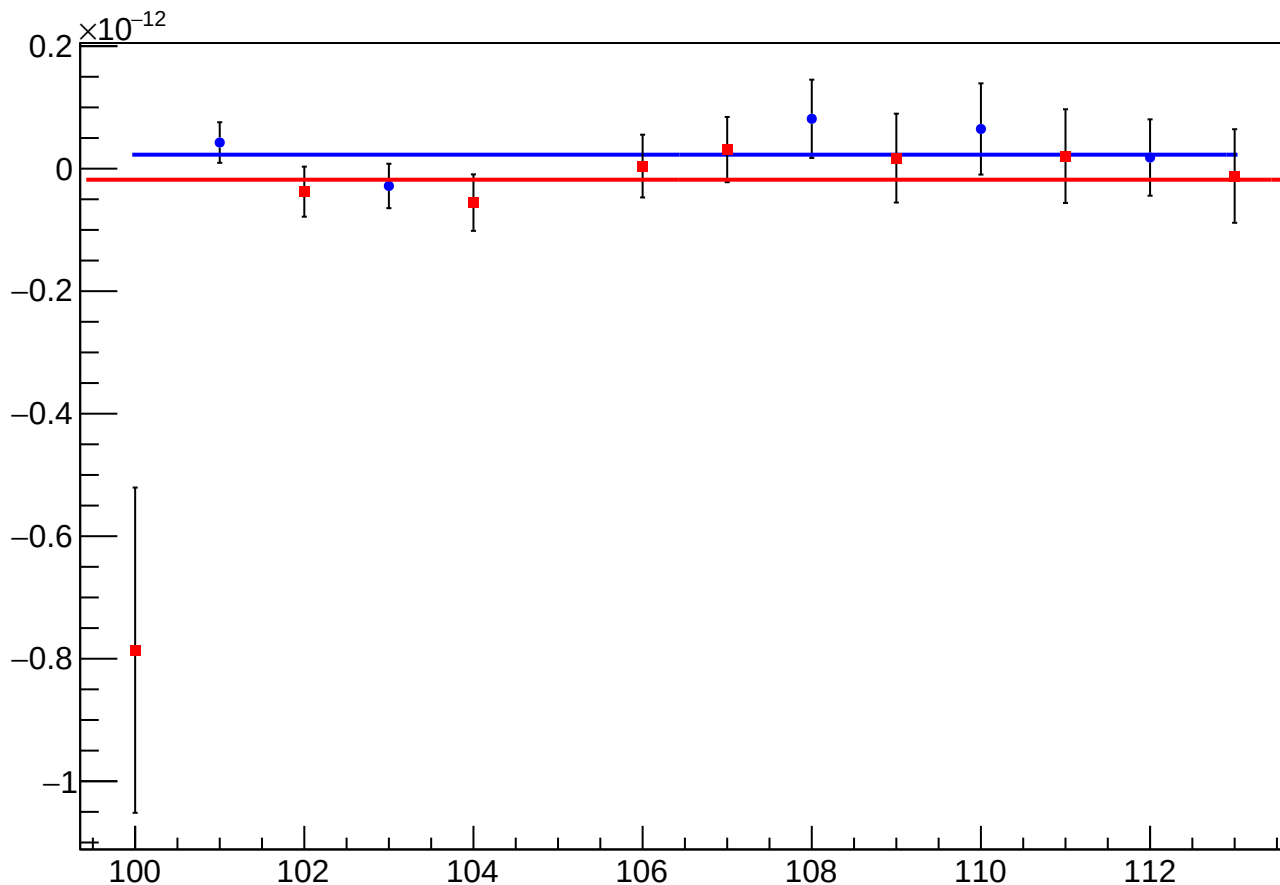
Right: 65.933+/-0.020 χ^2/NDF : 574564.6/12

In: 72.812+/-0.033 χ^2/NDF : 229691.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.933+/-0.020 χ^2/NDF : 574564.6/12

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 : 10.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

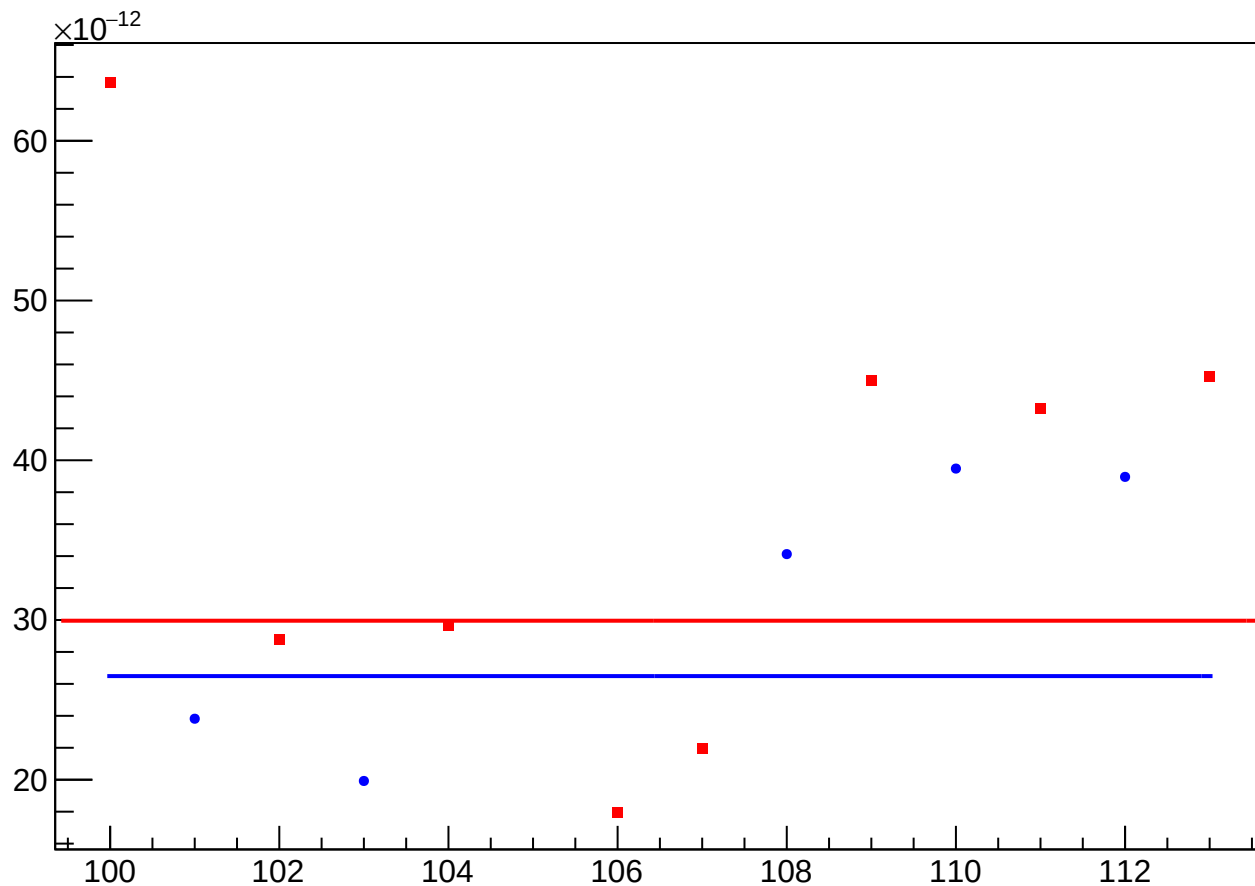
Right: 0.000+/-0.000 χ^2/NDF : 16.3/12

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 : 16.3/12

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 : 414618.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

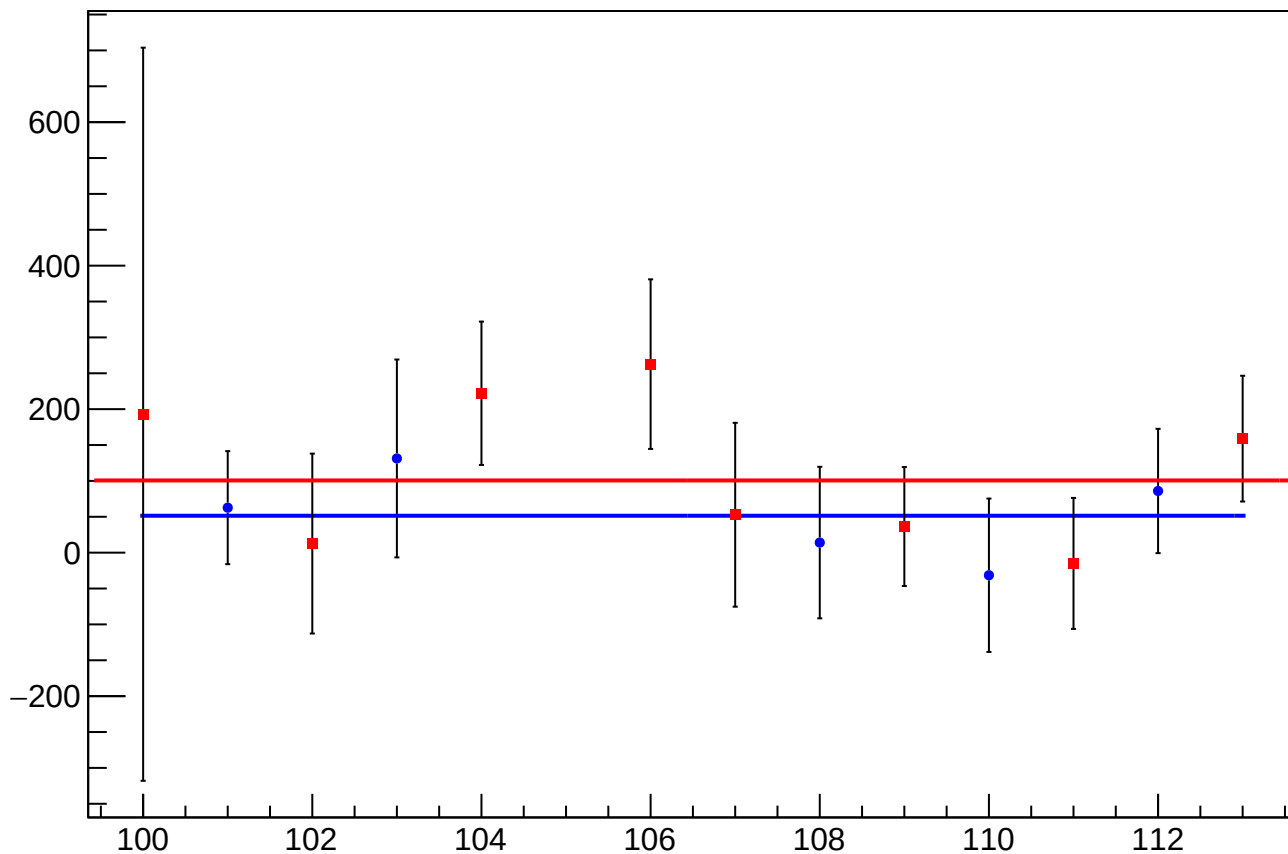
Right: 0.000+/-0.000 χ^2/NDF : 691090.4/12

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 : 691090.4/12

reg_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 51.440+/-43.673 χ^2/NDF : 1.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.615+/-37.910 χ^2/NDF : 6.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

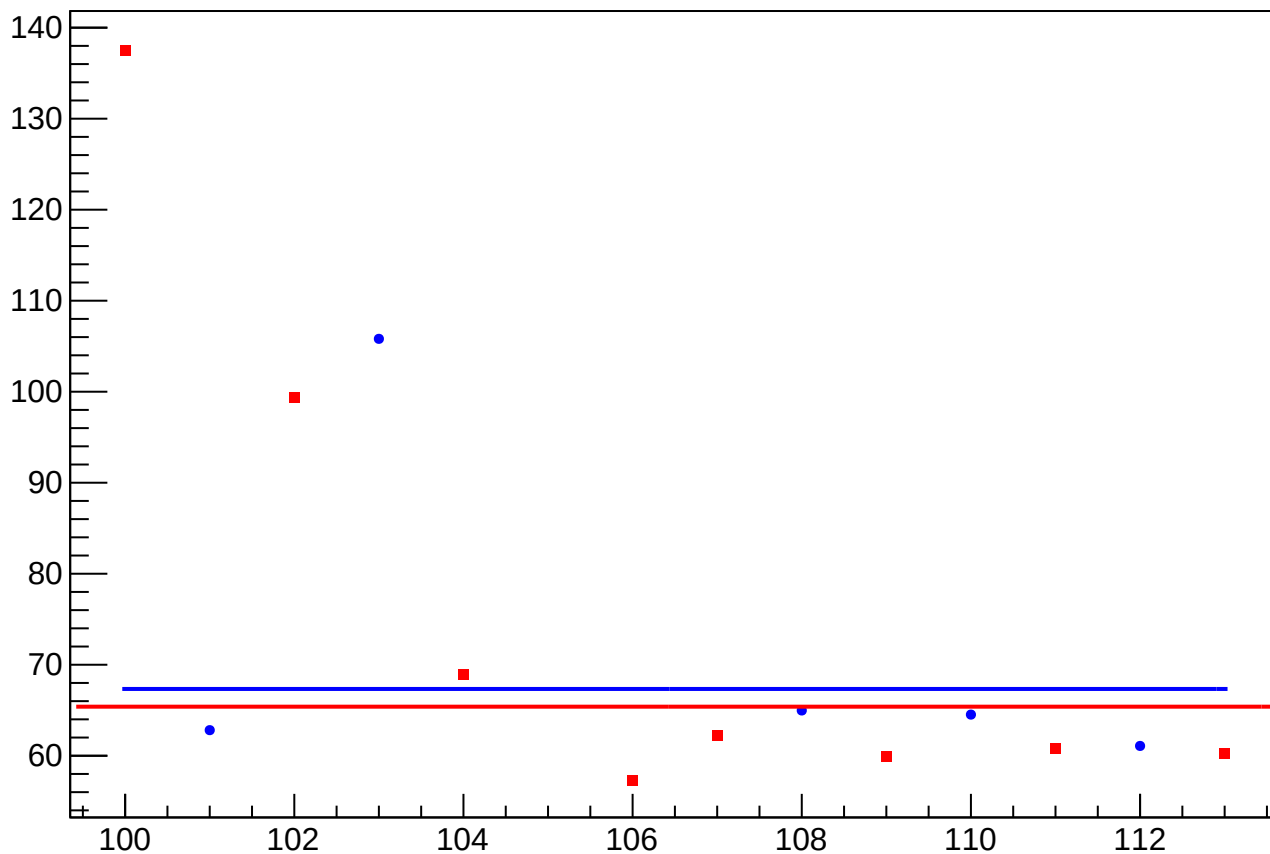
Right: 79.484+/-28.629 χ^2/NDF : 8.6/12

In: 51.440+/-43.673 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.484+/-28.629 χ^2/NDF : 8.6/12

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: 65.392+/-0.027 χ^2/NDF : 219914.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

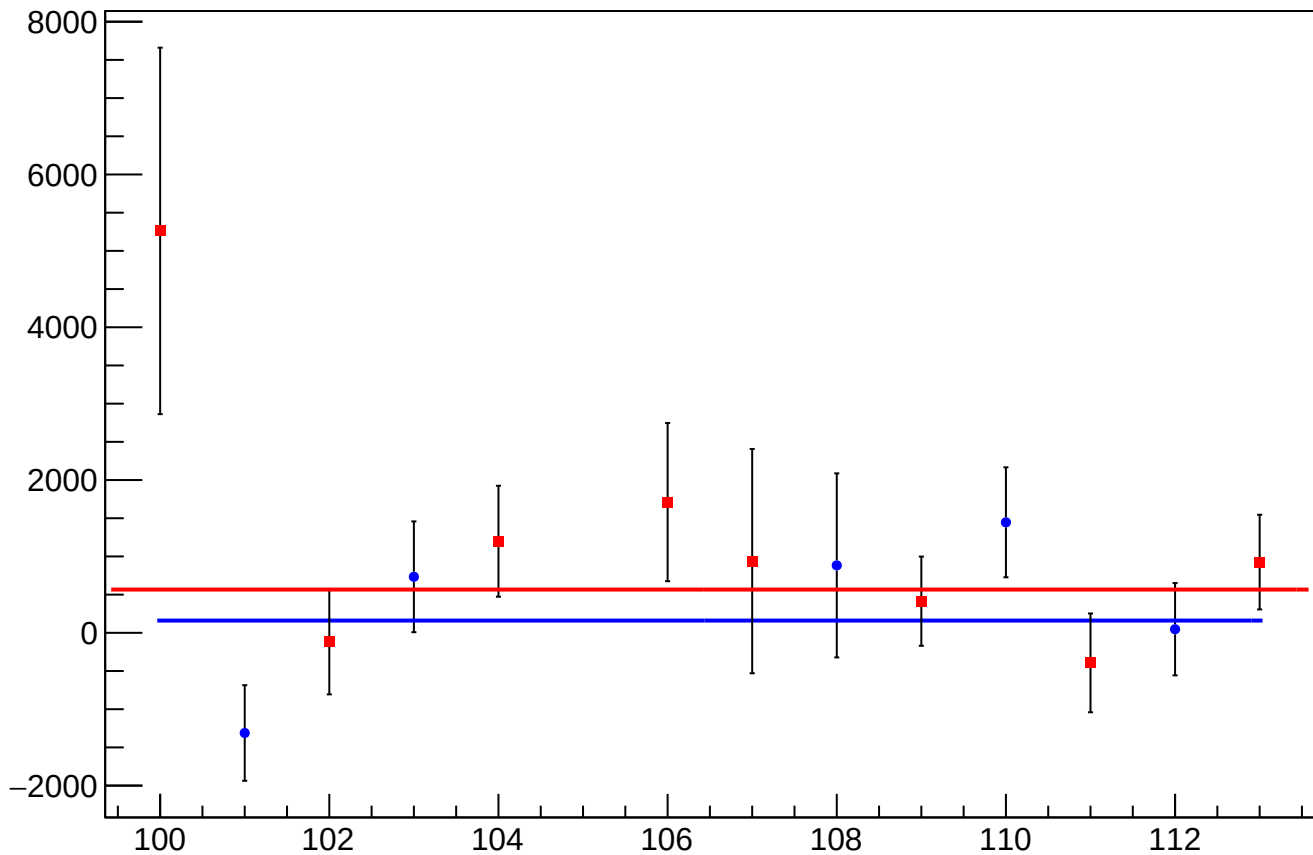
Right: 66.229+/-0.020 χ^2/NDF : 397254.9/12

In: 67.339+/-0.031 χ^2/NDF : 175074.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.229+/-0.020 χ^2/NDF : 397254.9/12

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: 566.374+/-272.041 χ^2/NDF : 9.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

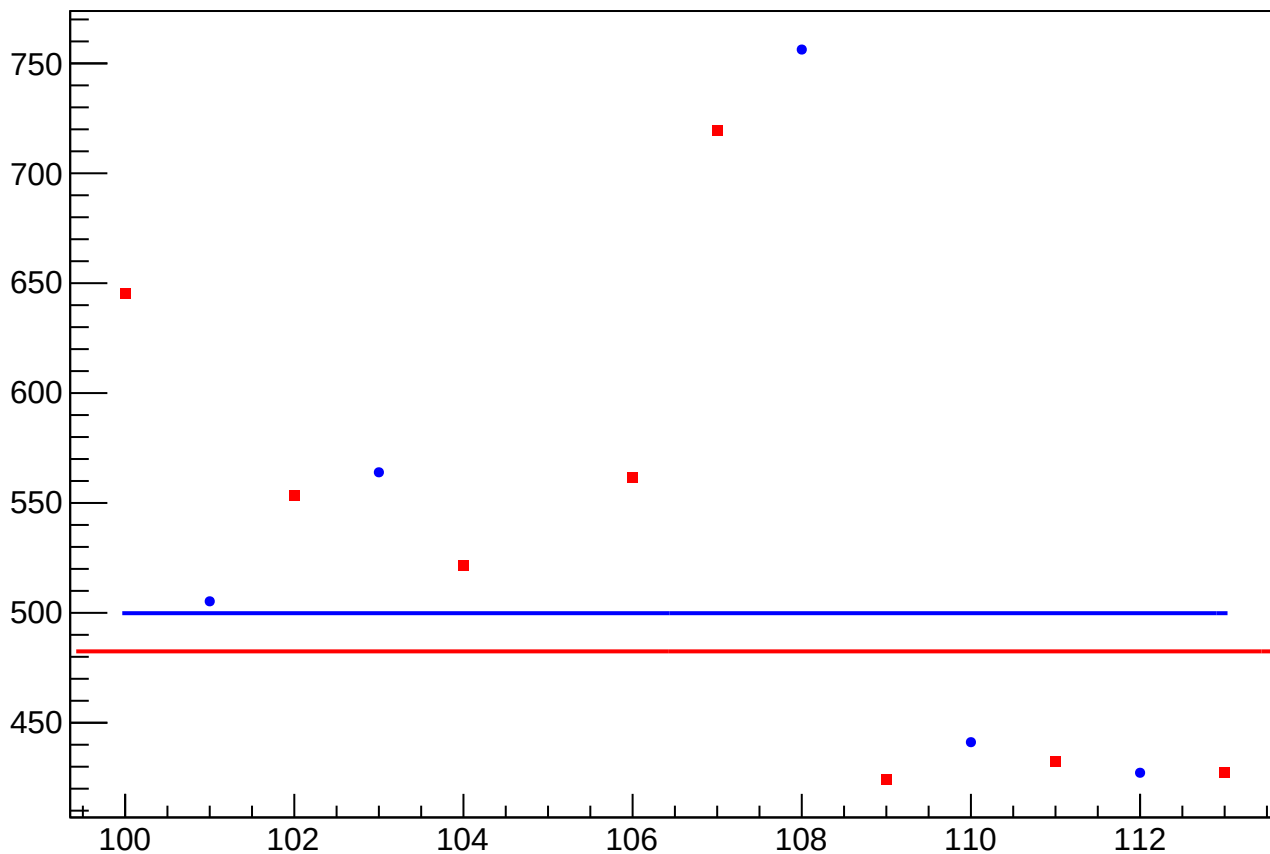
Right: 395.652+/-207.048 χ^2/NDF : 20.2/12

In: 160.609+/-319.201 χ^2/NDF : 9.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 395.652+/-207.048 χ^2/NDF : 20.2/12

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: 482.474 $\pm$ 0.192 χ^2 /NDF: 148088.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

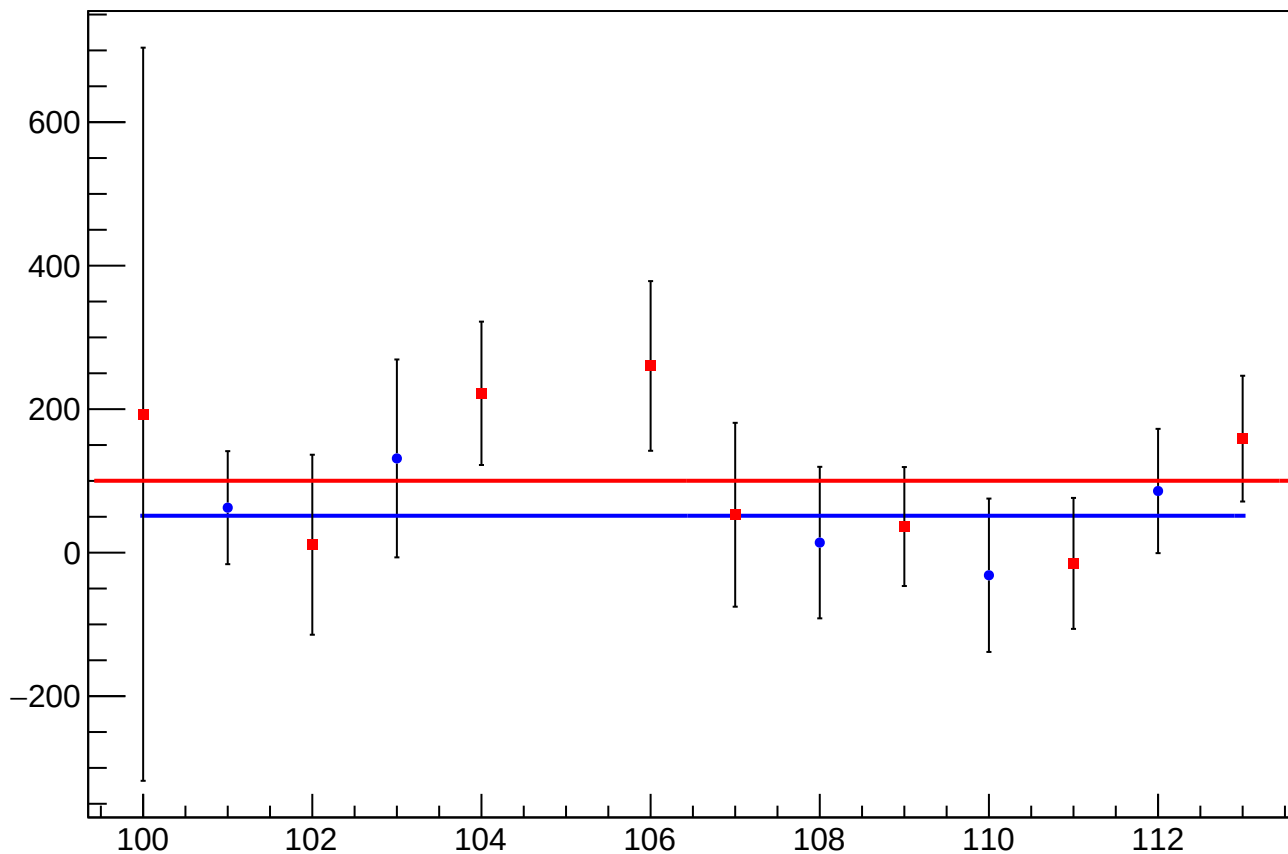
Right: 489.783 $\pm$ 0.146 χ^2 /NDF: 300091.1/12

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: 489.783 $\pm$ 0.146 χ^2 /NDF: 300091.1/12

cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 51.437+/-43.674 χ^2 /NDF: 1.2/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 100.194+/-37.914 χ^2 /NDF: 6.6/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

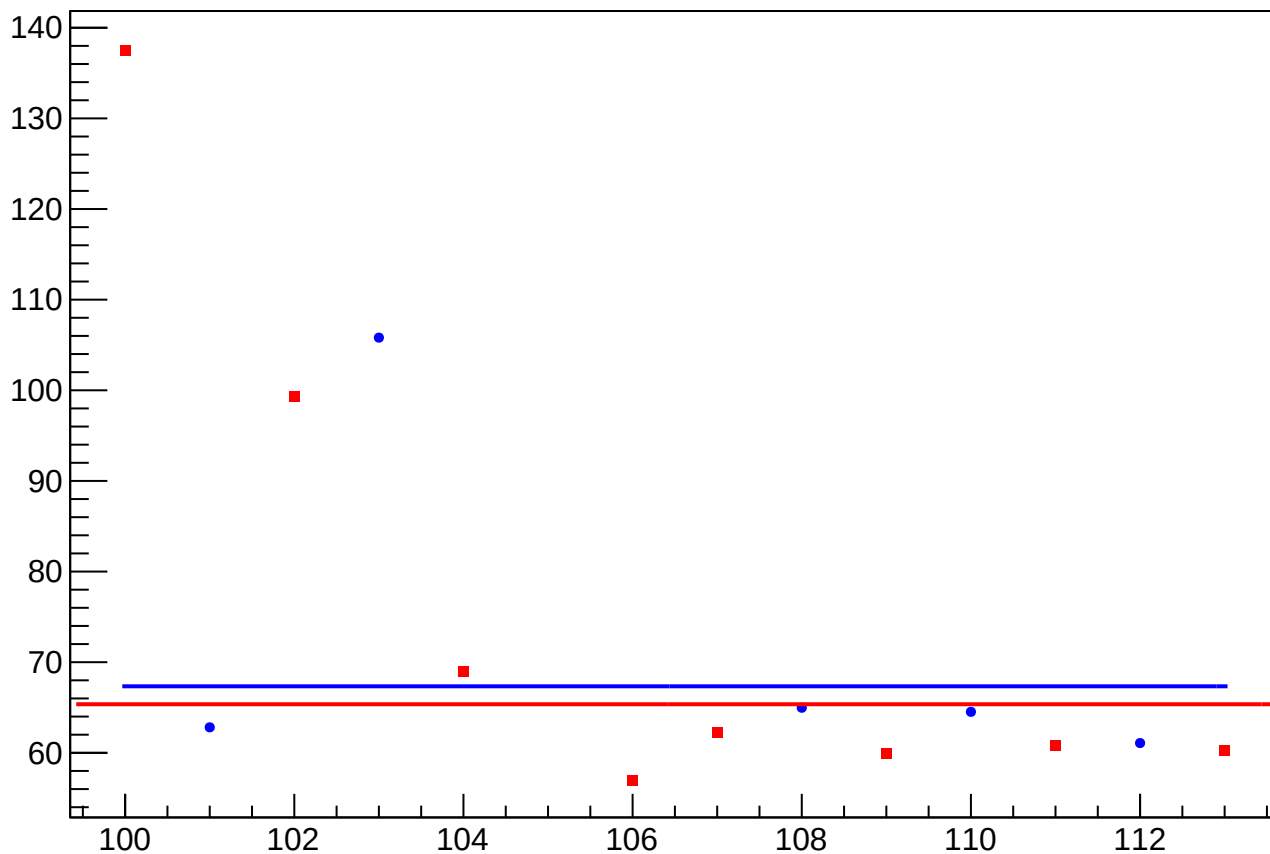
Right: 79.241+/-28.630 χ^2 /NDF: 8.6/12

In: 51.437+/-43.674 χ^2 /NDF:1.2/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 79.241+/-28.630 χ^2 /NDF: 8.6/12

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: 65.360+/-0.027 χ^2/NDF : 220931.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

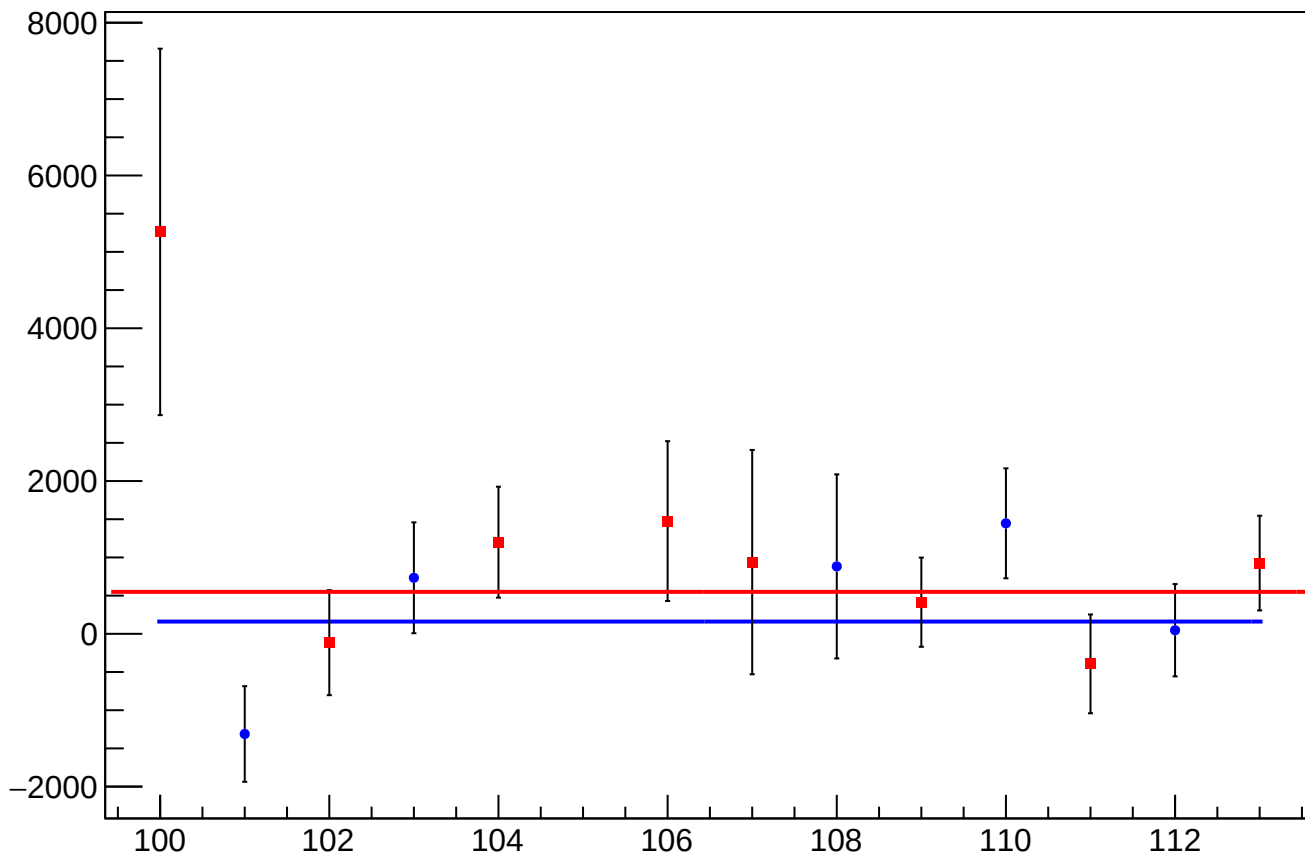
Right: 66.211+/-0.020 χ^2/NDF : 398351.6/12

In: 67.339+/-0.031 χ^2/NDF : 175077.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.211+/-0.020 χ^2/NDF : 398351.6/12

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: 549.532+/-272.261 χ^2/NDF : 9.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

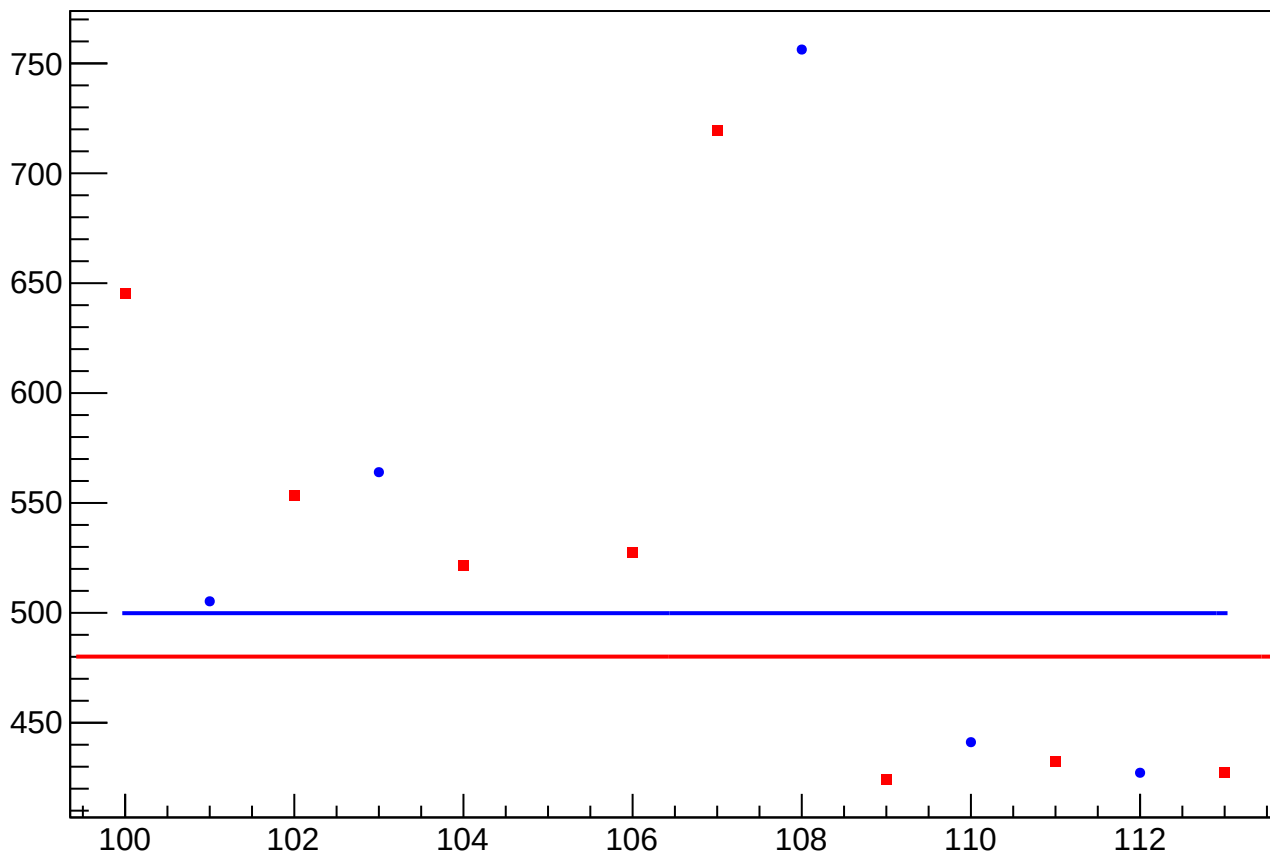
Right: 385.730+/-207.147 χ^2/NDF : 19.6/12

In: 160.570+/-319.207 χ^2/NDF : 9.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 385.730+/-207.147 χ^2/NDF : 19.6/12

asym_sam_1548_avg_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: 480.095+/-0.193 χ^2/NDF : 140162.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

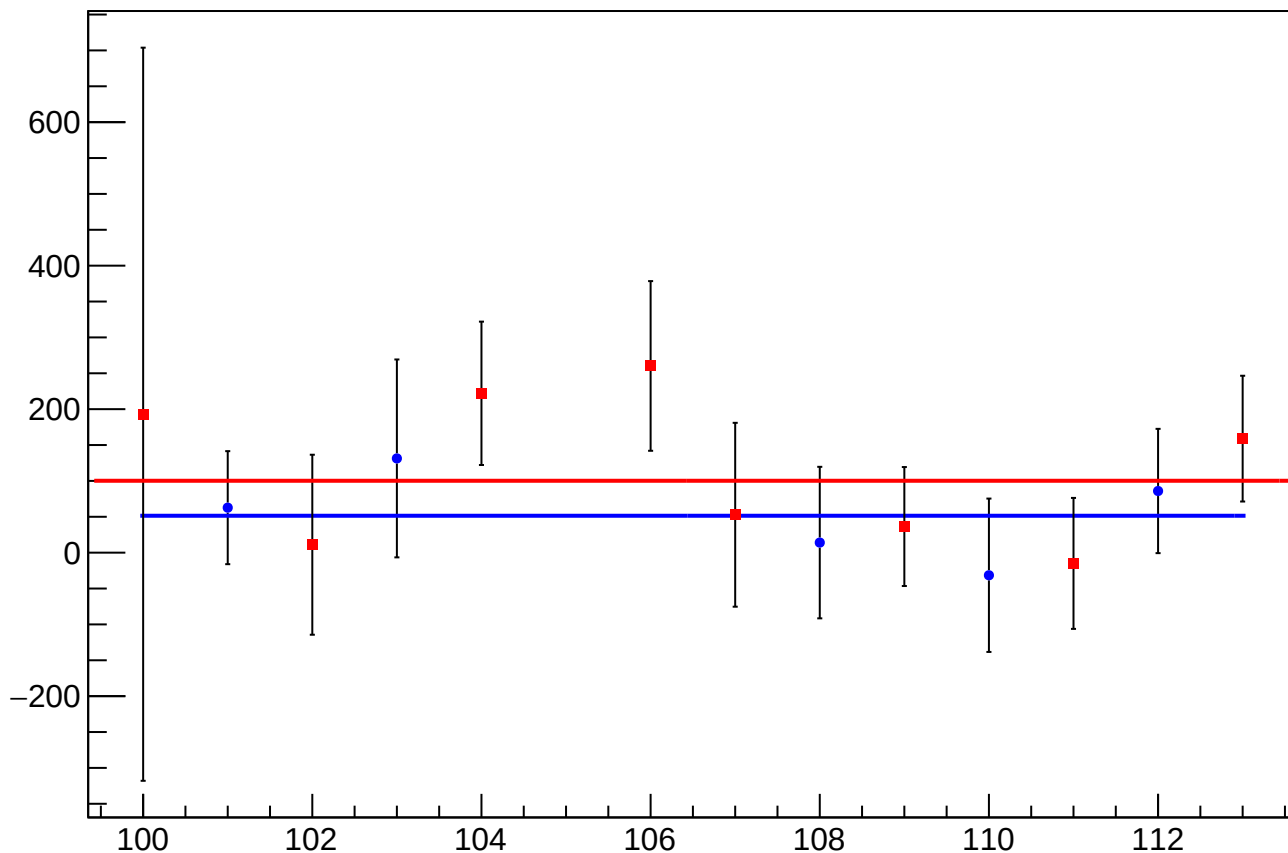
Right: 488.416+/-0.146 χ^2/NDF : 293192.8/12

In: 499.854+/-0.226 χ^2/NDF : 148594.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 488.416+/-0.146 χ^2/NDF : 293192.8/12

eigen_cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 51.437+/-43.674 χ^2/NDF : 1.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.194+/-37.914 χ^2/NDF : 6.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

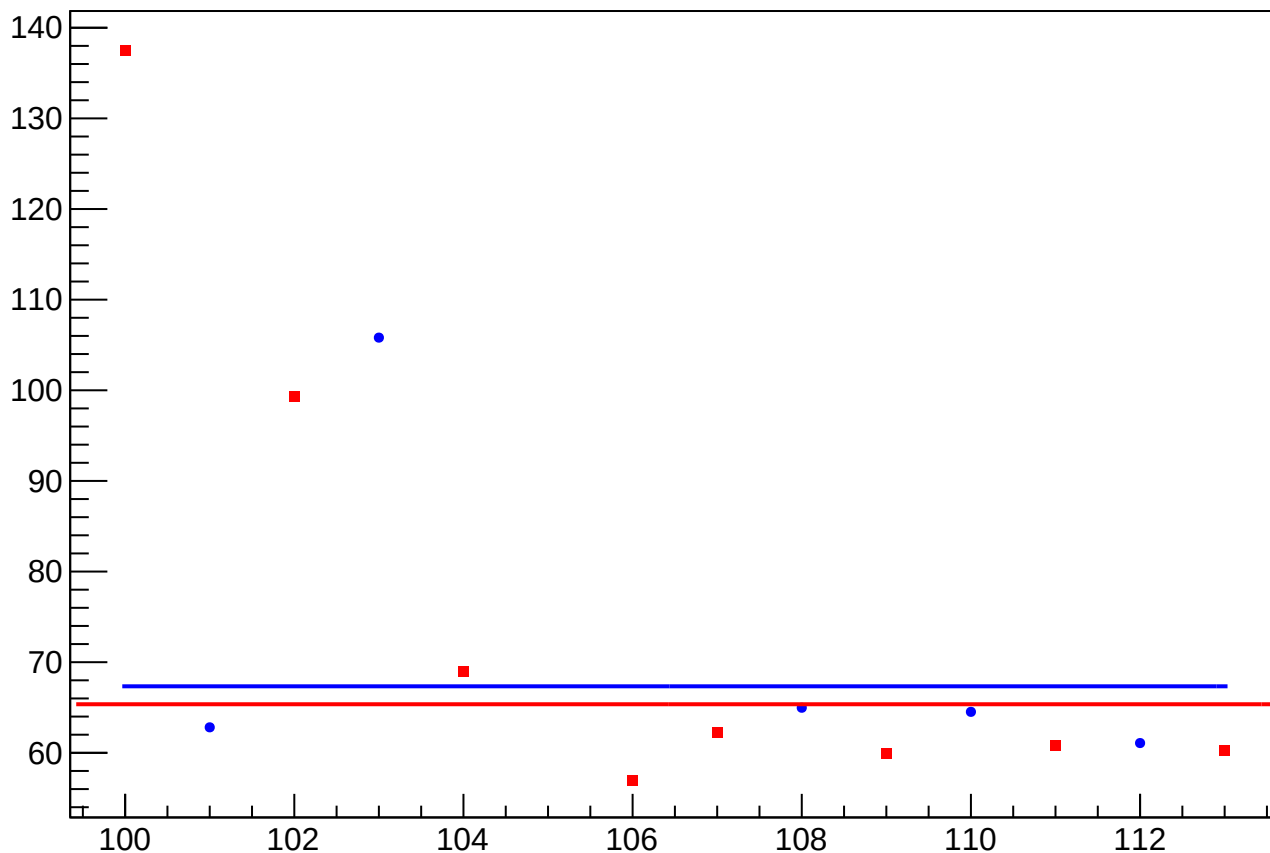
Right: 79.241+/-28.630 χ^2/NDF : 8.6/12

In: 51.437+/-43.674 χ^2/NDF : 1.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.241+/-28.630 χ^2/NDF : 8.6/12

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: 65.360+/-0.027 χ^2/NDF : 220931.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

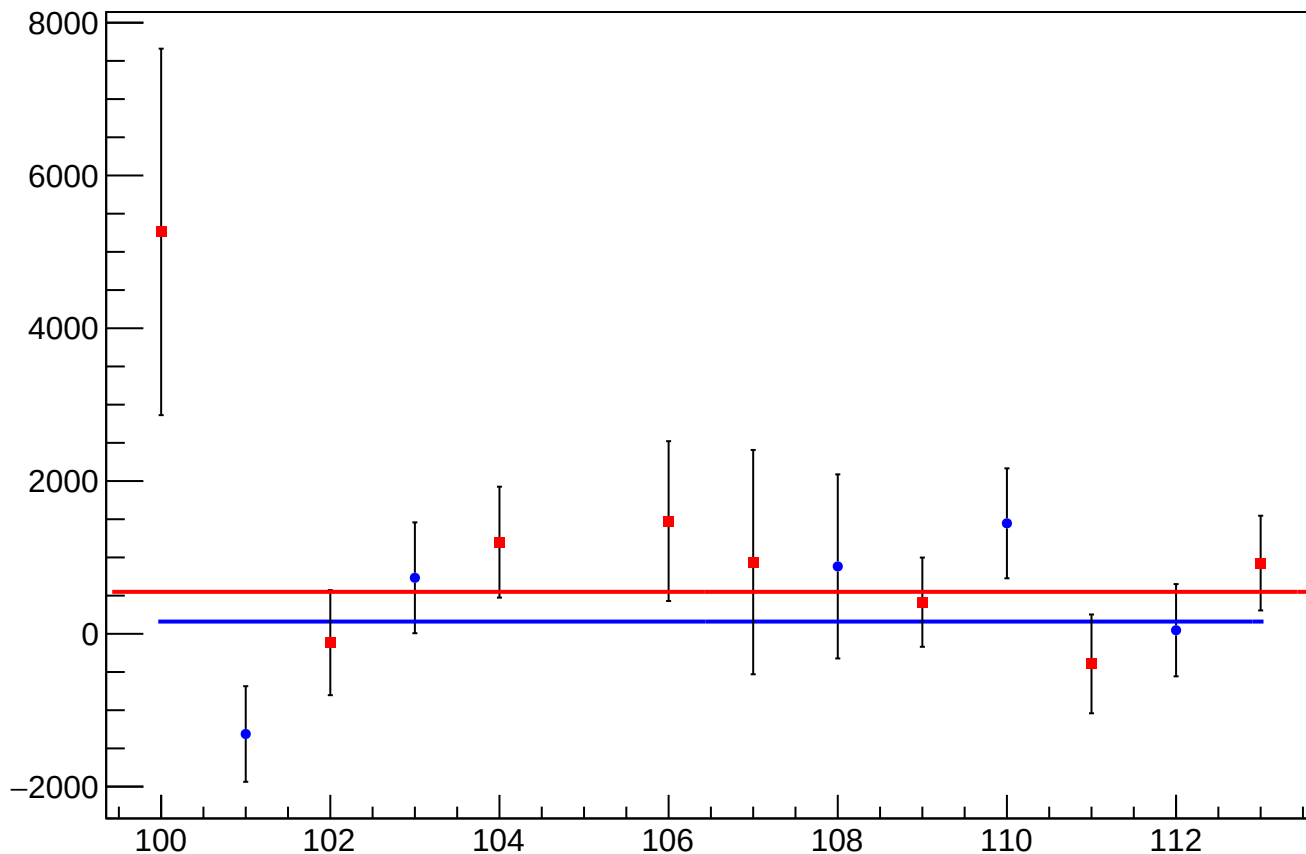
Right: 66.211+/-0.020 χ^2/NDF : 398351.6/12

In: 67.339+/-0.031 χ^2/NDF : 175077.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.211+/-0.020 χ^2/NDF : 398351.6/12

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: 549.532+/-272.261 χ^2/NDF : 9.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

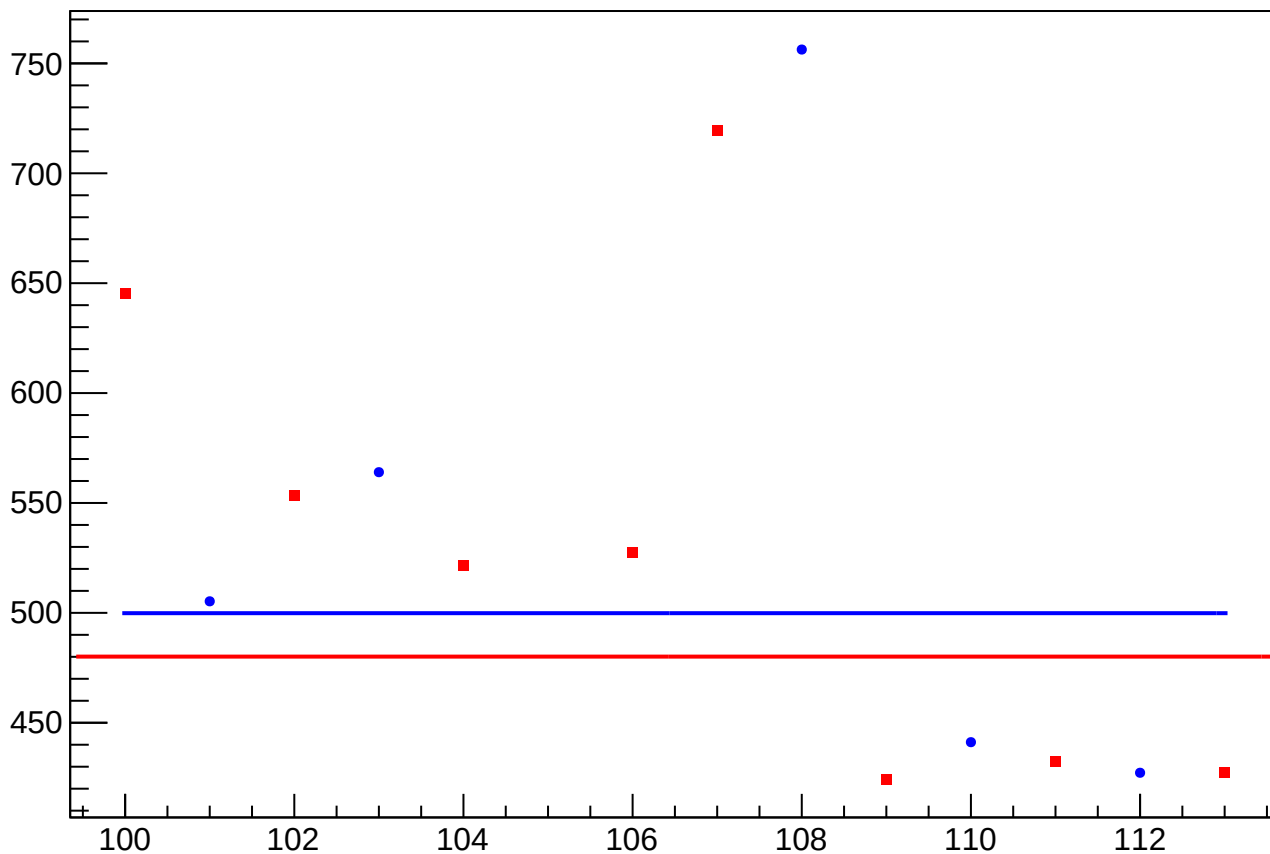
Right: 385.730+/-207.147 χ^2/NDF : 19.6/12

In: 160.570+/-319.207 χ^2/NDF : 9.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 385.730+/-207.147 χ^2/NDF : 19.6/12

asym_sam_1548_avg_eigen_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: 480.095 $\pm$ 0.193 χ^2 /NDF: 140162.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

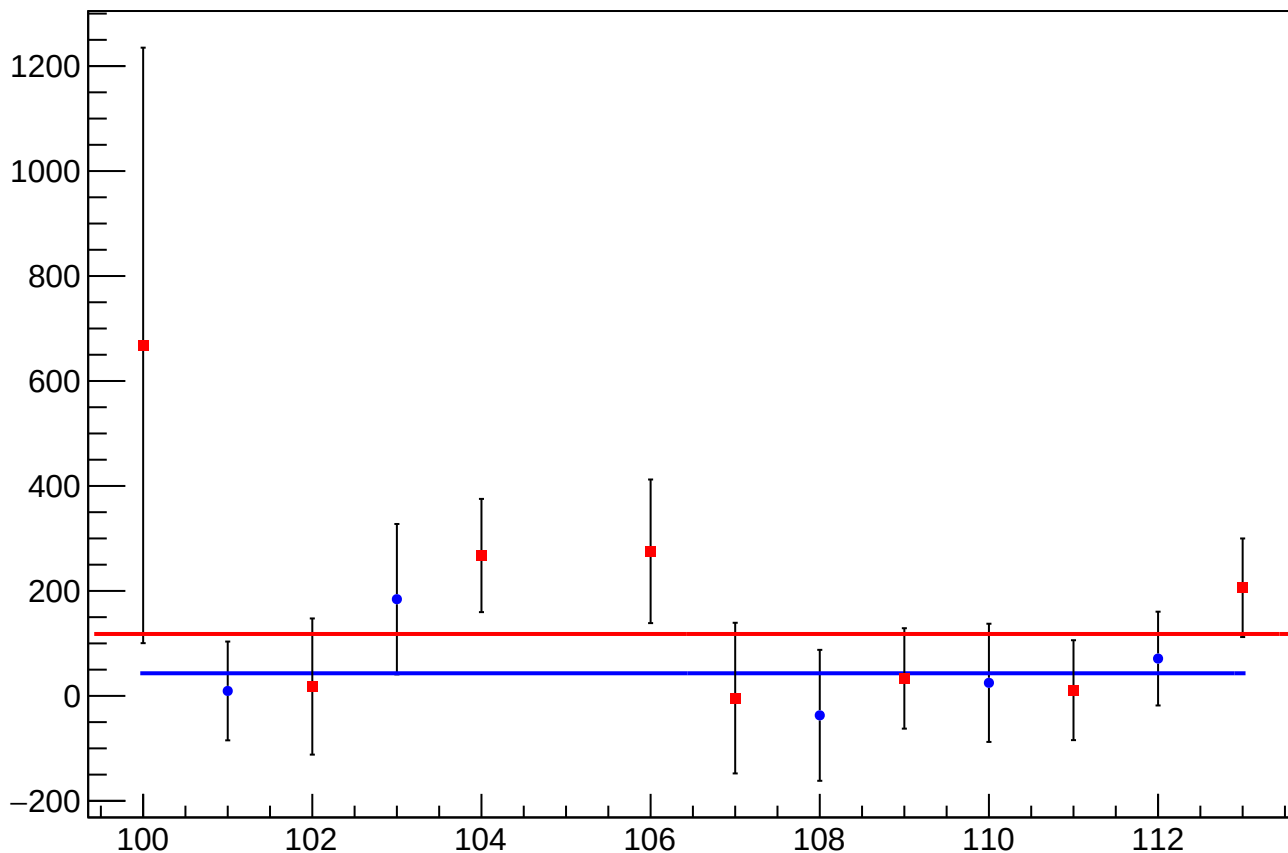
Right: 488.416 $\pm$ 0.146 χ^2 /NDF: 293192.8/12

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: 488.416 $\pm$ 0.146 χ^2 /NDF: 293192.8/12

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: 117.973+/-41.400 χ^2/NDF : 8.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

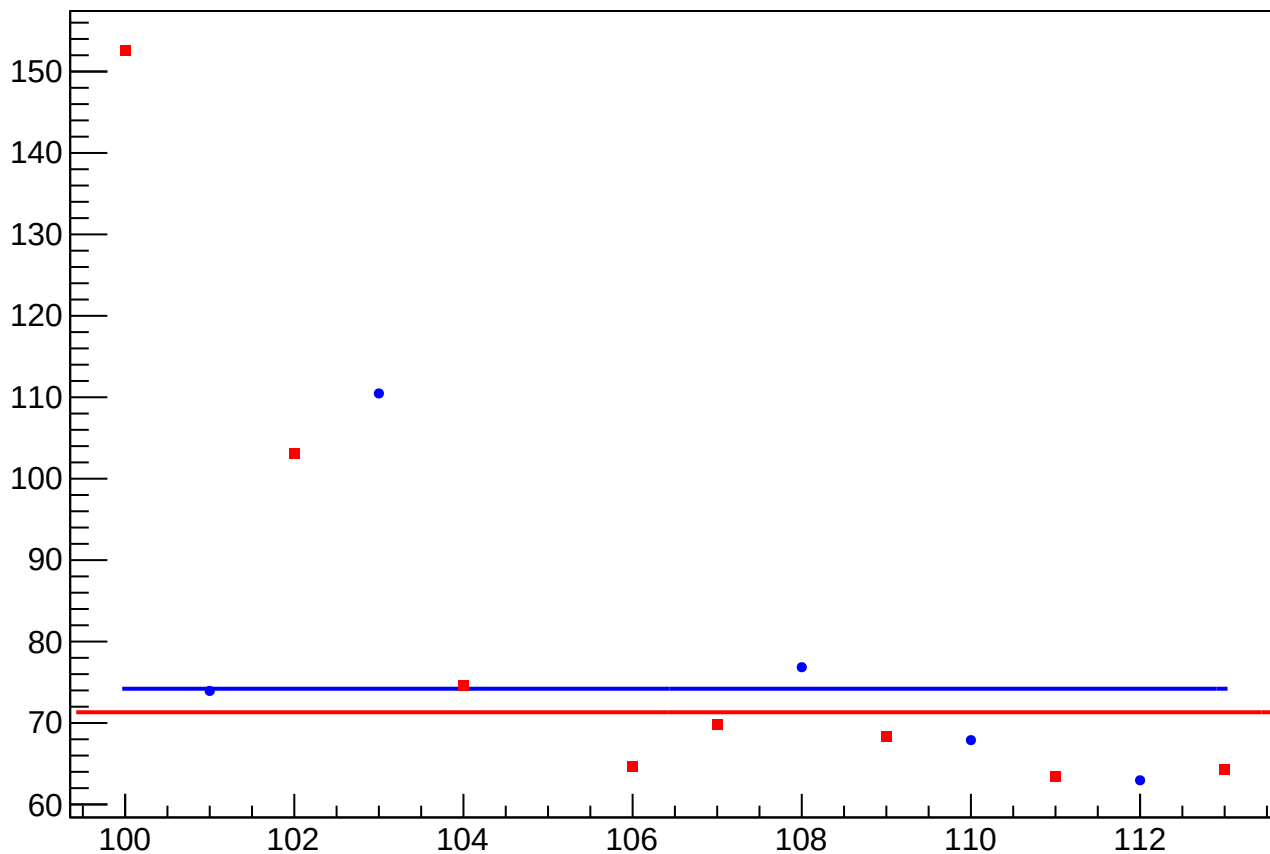
Right: 86.201+/-31.412 χ^2/NDF : 11.5/12

In: 43.095+/-48.223 χ^2/NDF : 1.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.201+/-31.412 χ^2/NDF : 11.5/12

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: 71.317+/-0.029 χ^2/NDF : 194119.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

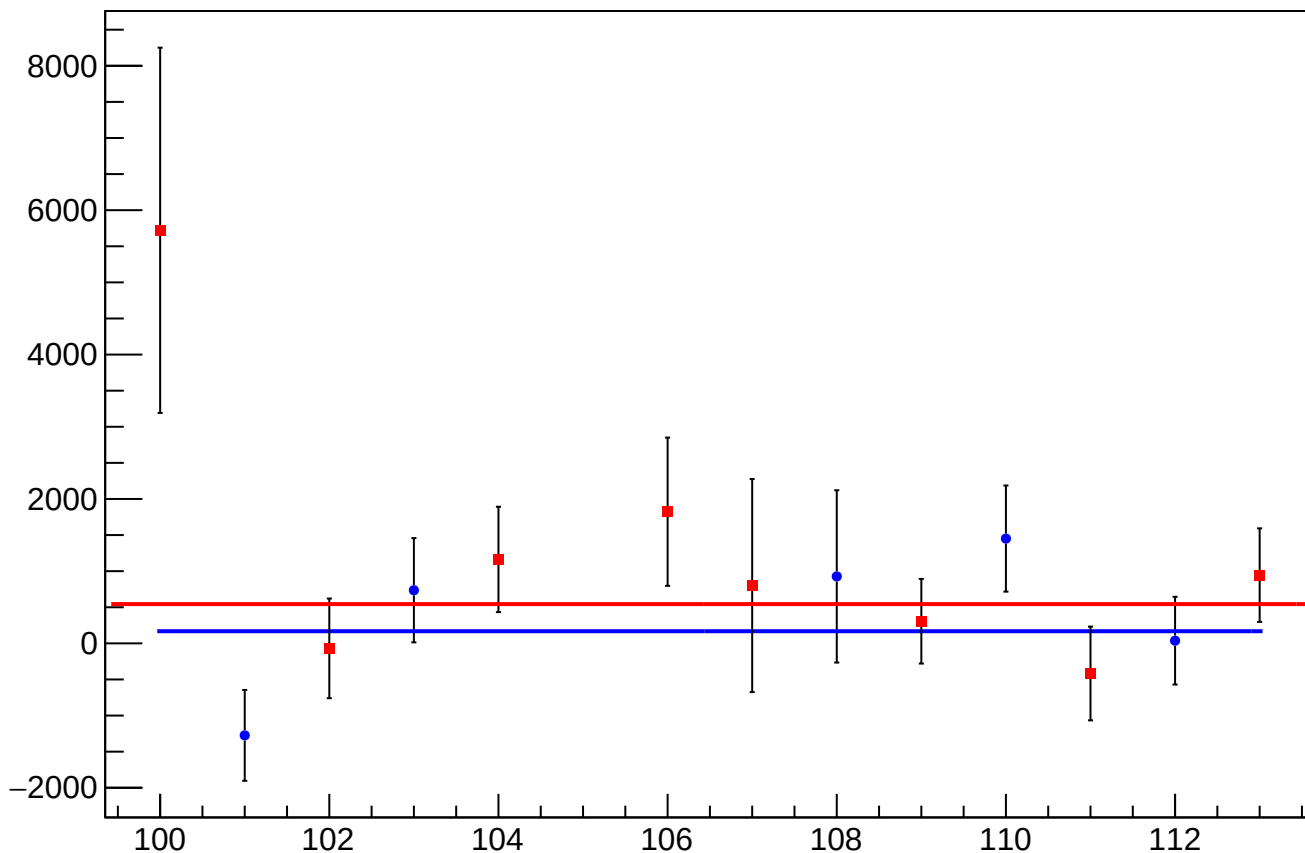
Right: 72.544+/-0.022 χ^2/NDF : 365258.2/12

In: 74.208+/-0.034 χ^2/NDF : 167002.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.544+/-0.022 χ^2/NDF : 365258.2/12

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: 543.906+/-275.139 χ^2/NDF : 10.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

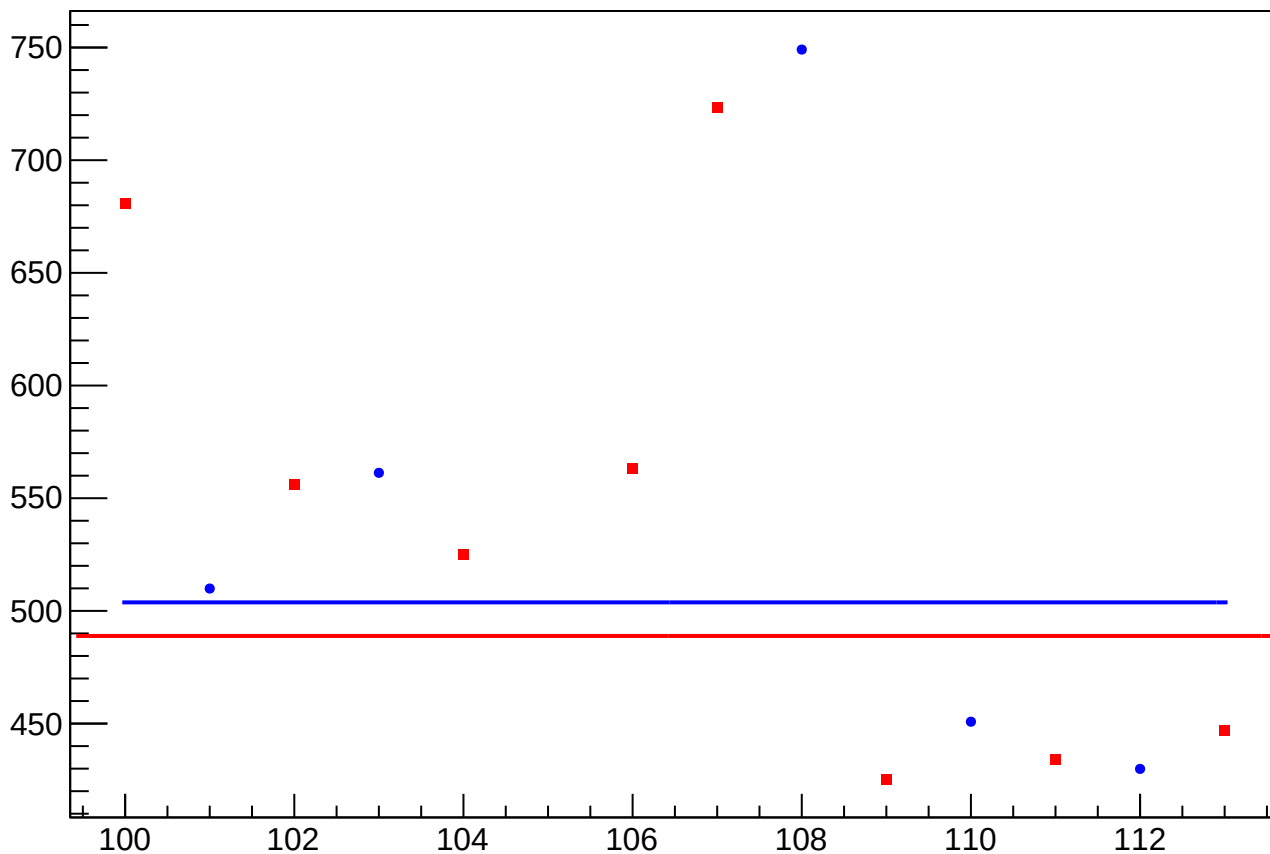
Right: 384.783+/-208.901 χ^2/NDF : 20.2/12

In: 168.198+/-320.997 χ^2/NDF : 9.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 384.783+/-208.901 χ^2/NDF : 20.2/12

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: 488.883 $\pm$ 0.195 χ^2 /NDF: 142949.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

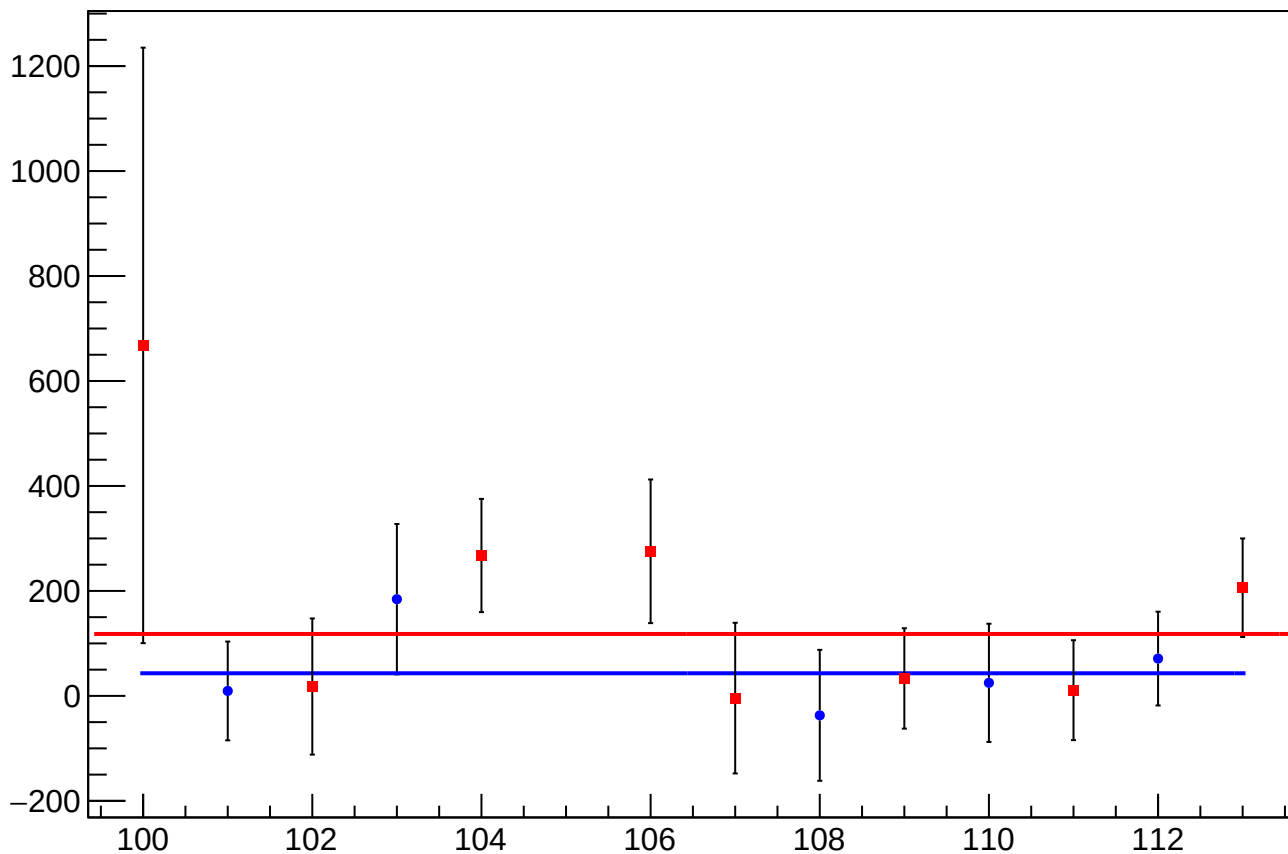
Right: 495.193 $\pm$ 0.148 χ^2 /NDF: 282761.8/12

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: 495.193 $\pm$ 0.148 χ^2 /NDF: 282761.8/12

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: 117.972+/-41.400 χ^2/NDF : 8.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

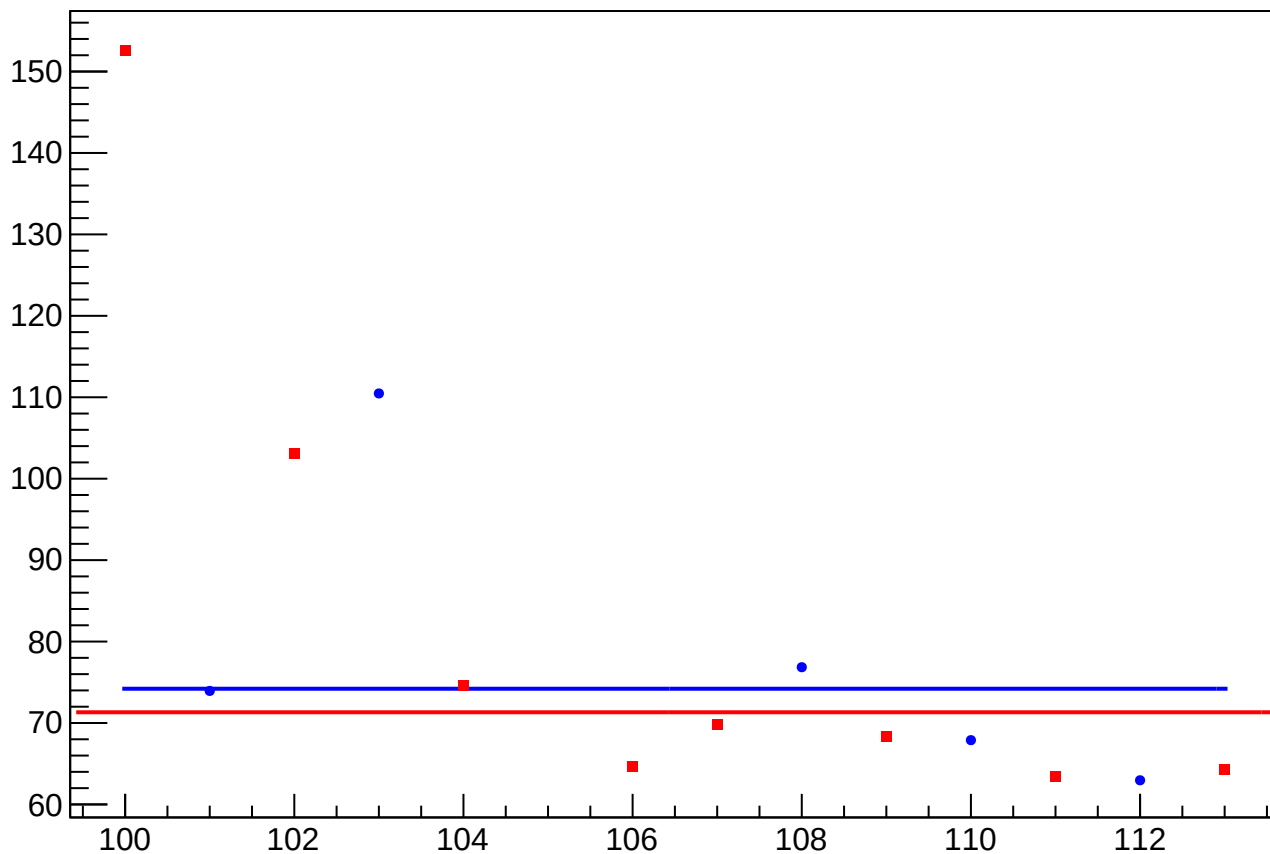
Right: 86.201+/-31.412 χ^2/NDF : 11.5/12

In: 43.095+/-48.223 χ^2/NDF : 1.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.201+/-31.412 χ^2/NDF : 11.5/12

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: 71.317+/-0.029 χ^2/NDF : 194120.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

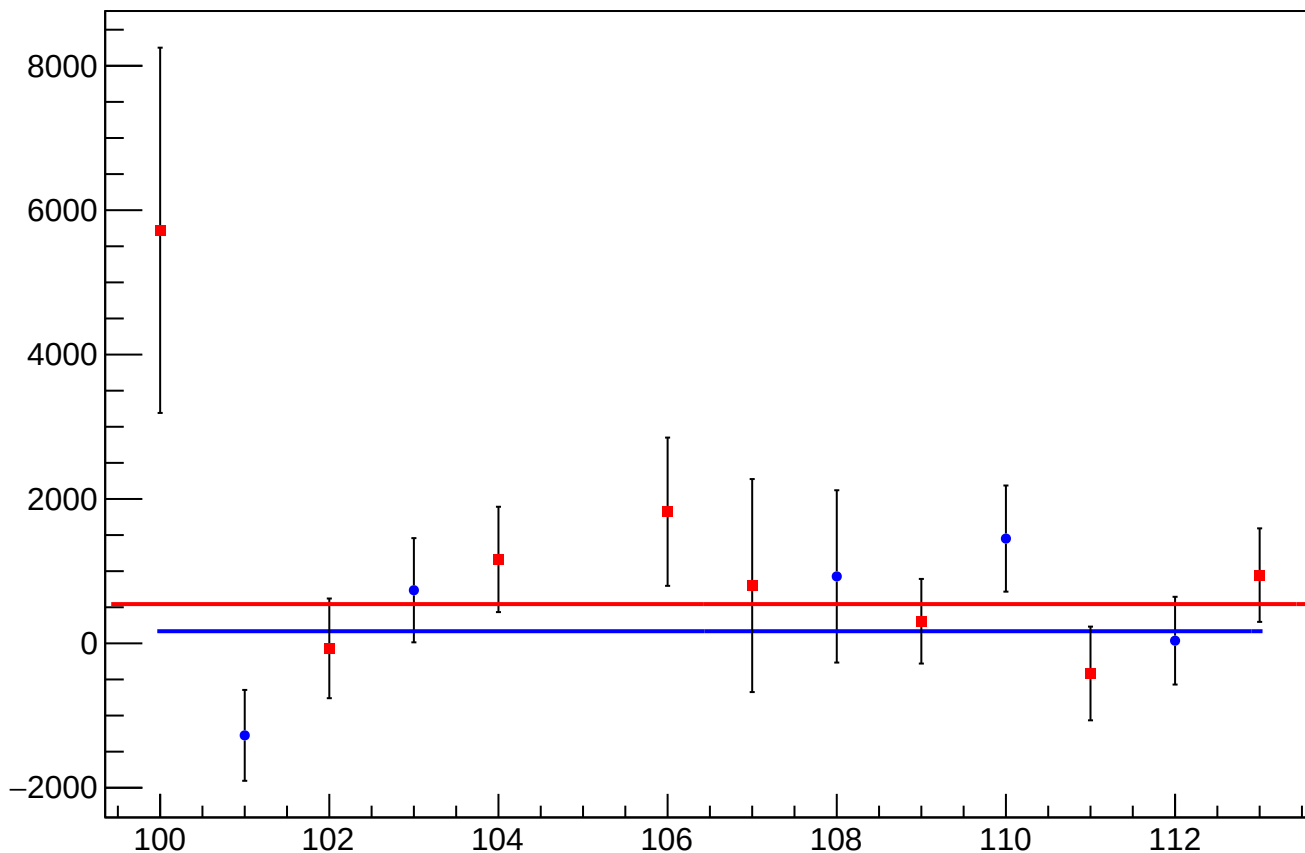
Right: 72.544+/-0.022 χ^2/NDF : 365260.6/12

In: 74.208+/-0.034 χ^2/NDF : 167003.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.544+/-0.022 χ^2/NDF : 365260.6/12

asym_sam_1548_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 168.198 $\pm$ 320.996 χ^2 /NDF: 9.4/4

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 543.904 $\pm$ -275.138 χ^2 /NDF: 10.0/7

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

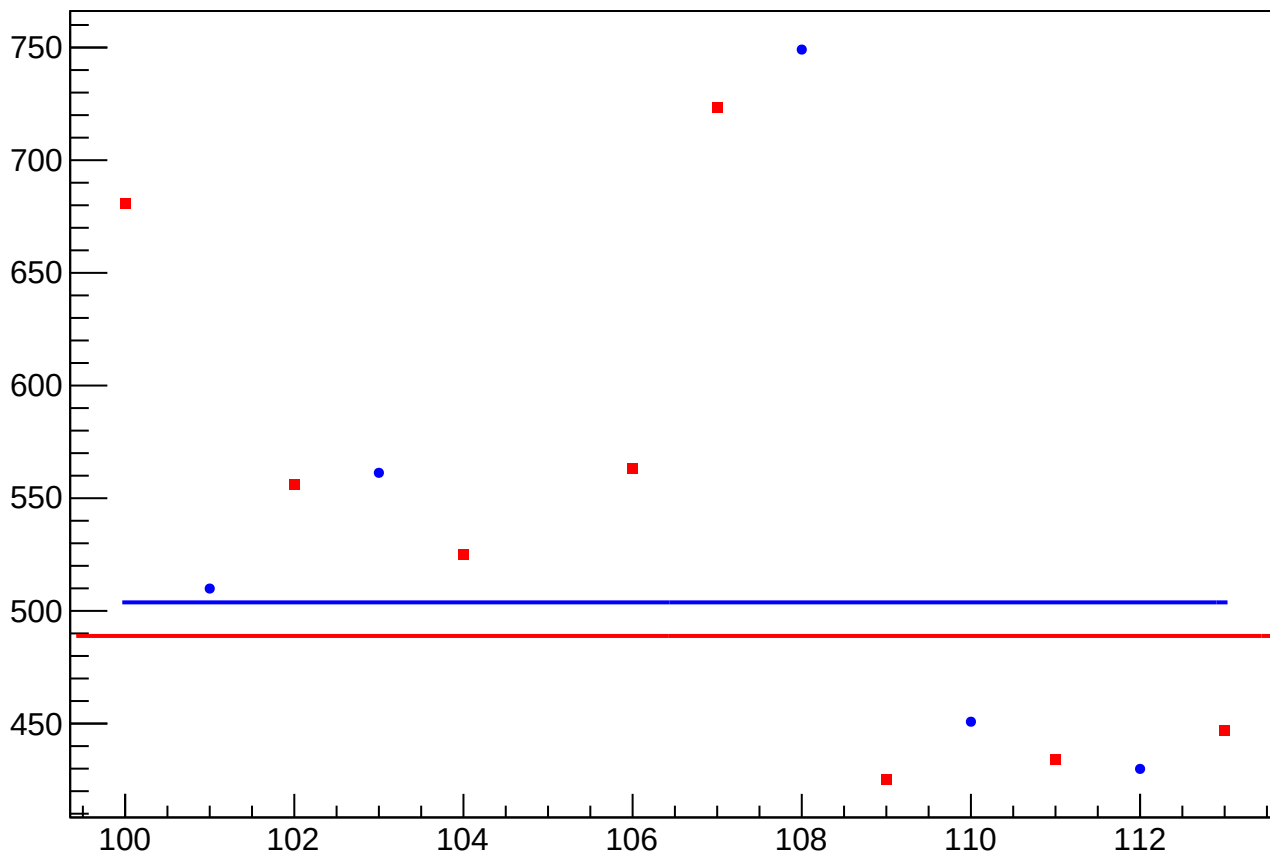
Right: 384.782 $\pm$ -208.901 χ^2 /NDF: 20.2/12

In: 168.198 $\pm$ -320.996 χ^2 /NDF:9.4/4

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 384.782 $\pm$ -208.901 χ^2 /NDF: 20.2/12

asym_sam_1548_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 503.781+/-0.227 χ^2/NDF : 137329.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 488.883+/-0.195 χ^2/NDF : 142951.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

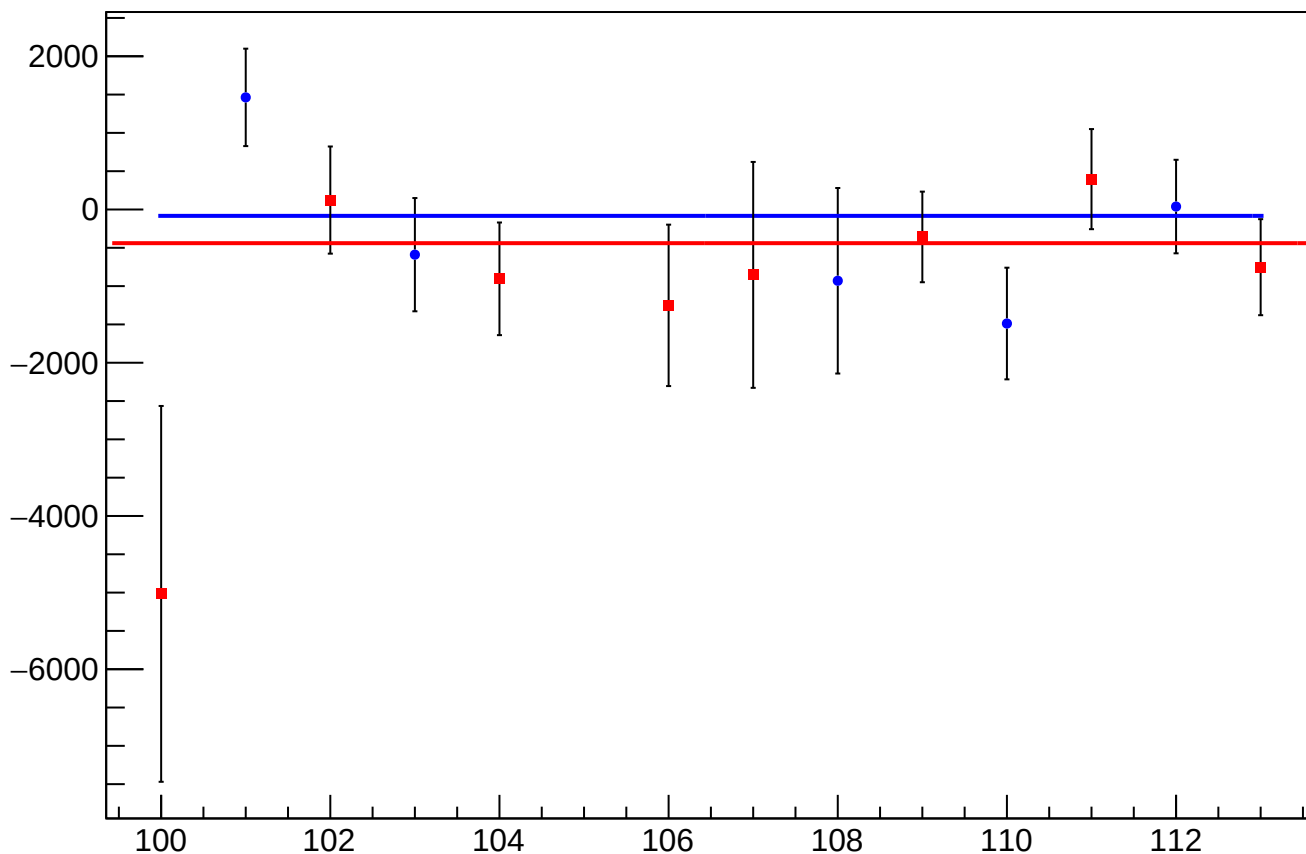
Right: 495.193+/-0.148 χ^2/NDF : 282763.7/12

In: 503.781+/-0.227 χ^2/NDF : 137329.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 495.193+/-0.148 χ^2/NDF : 282763.7/12

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: -439.476+/-275.515 χ^2/NDF : 7.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

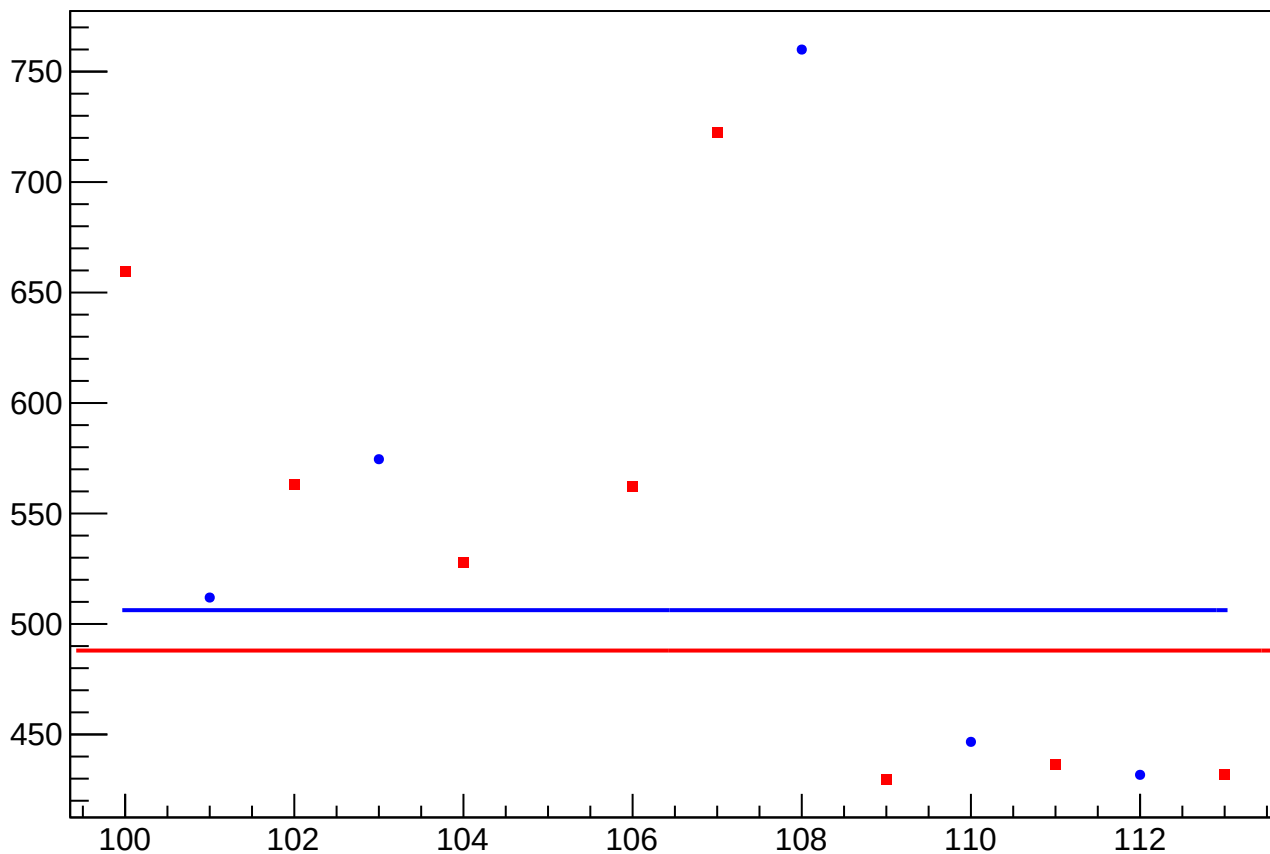
Right: -289.628+/-209.756 χ^2/NDF : 18.4/12

In: -83.022+/-323.512 χ^2/NDF :10.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -289.628+/-209.756 χ^2/NDF : 18.4/12

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: 487.972+/-0.195 χ^2/NDF : 147333.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

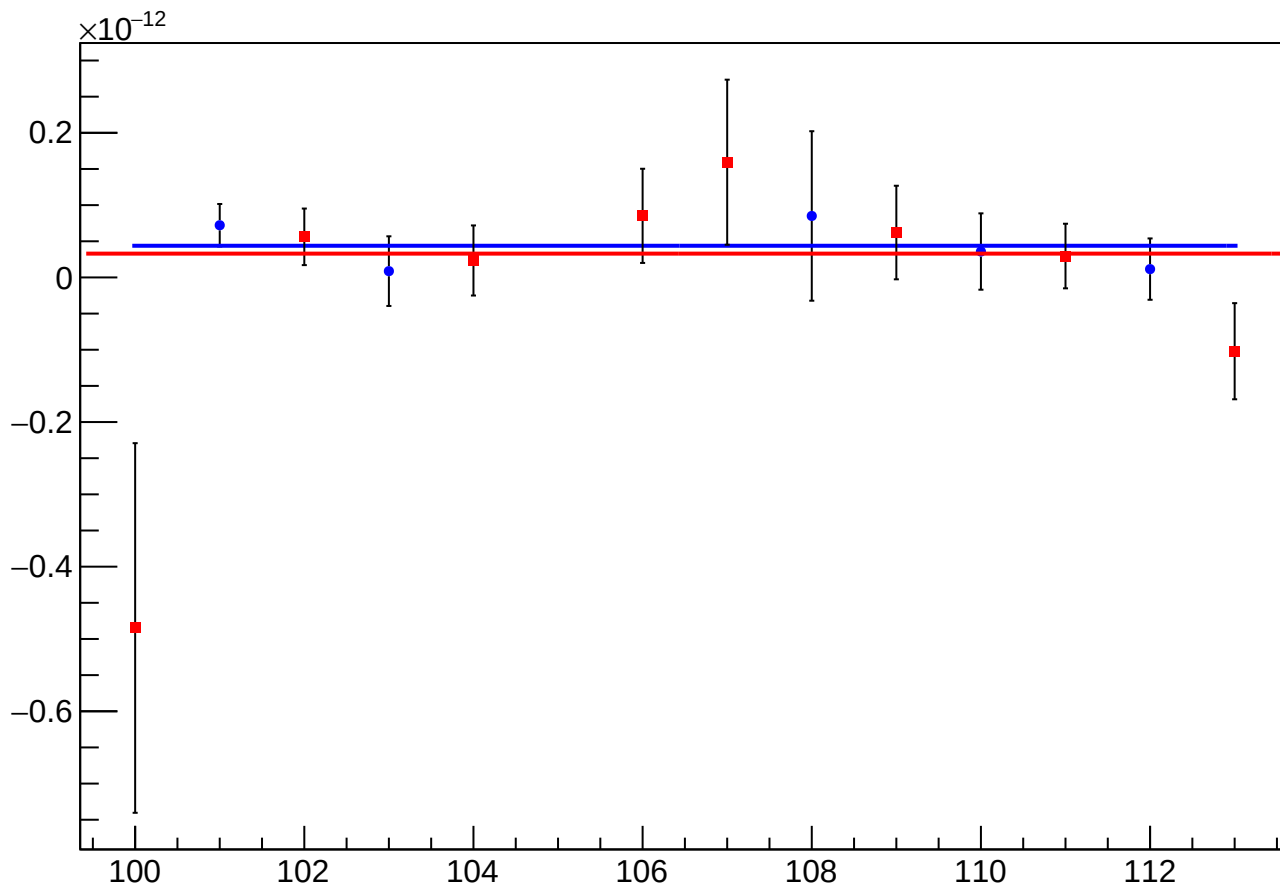
Right: 495.657+/-0.148 χ^2/NDF : 299314.4/12

In: 506.252+/-0.229 χ^2/NDF : 148280.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 495.657+/-0.148 χ^2/NDF : 299314.4/12

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 : 10.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

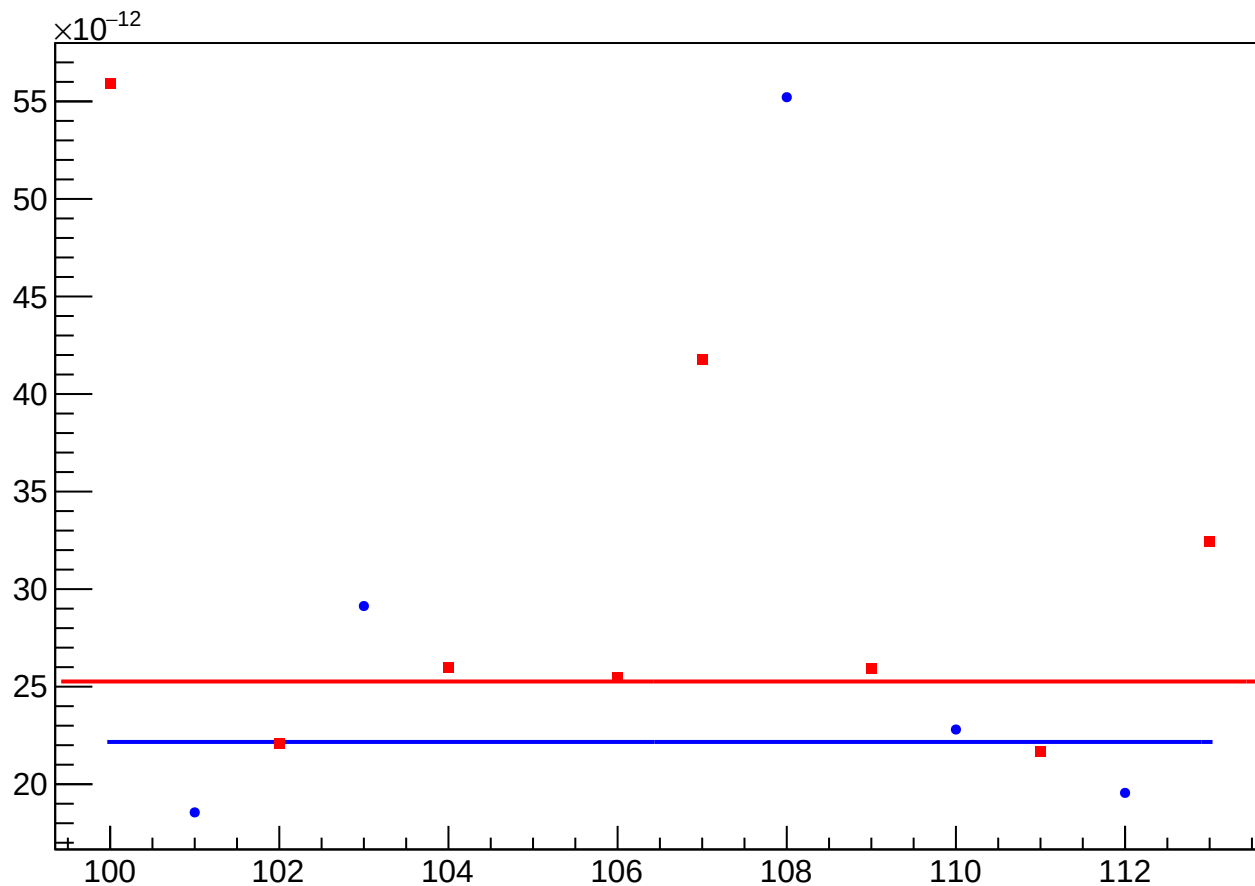
Right: 0.000+/-0.000 χ^2/NDF : 13.0/12

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 : 13.0/12

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 : 120658.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

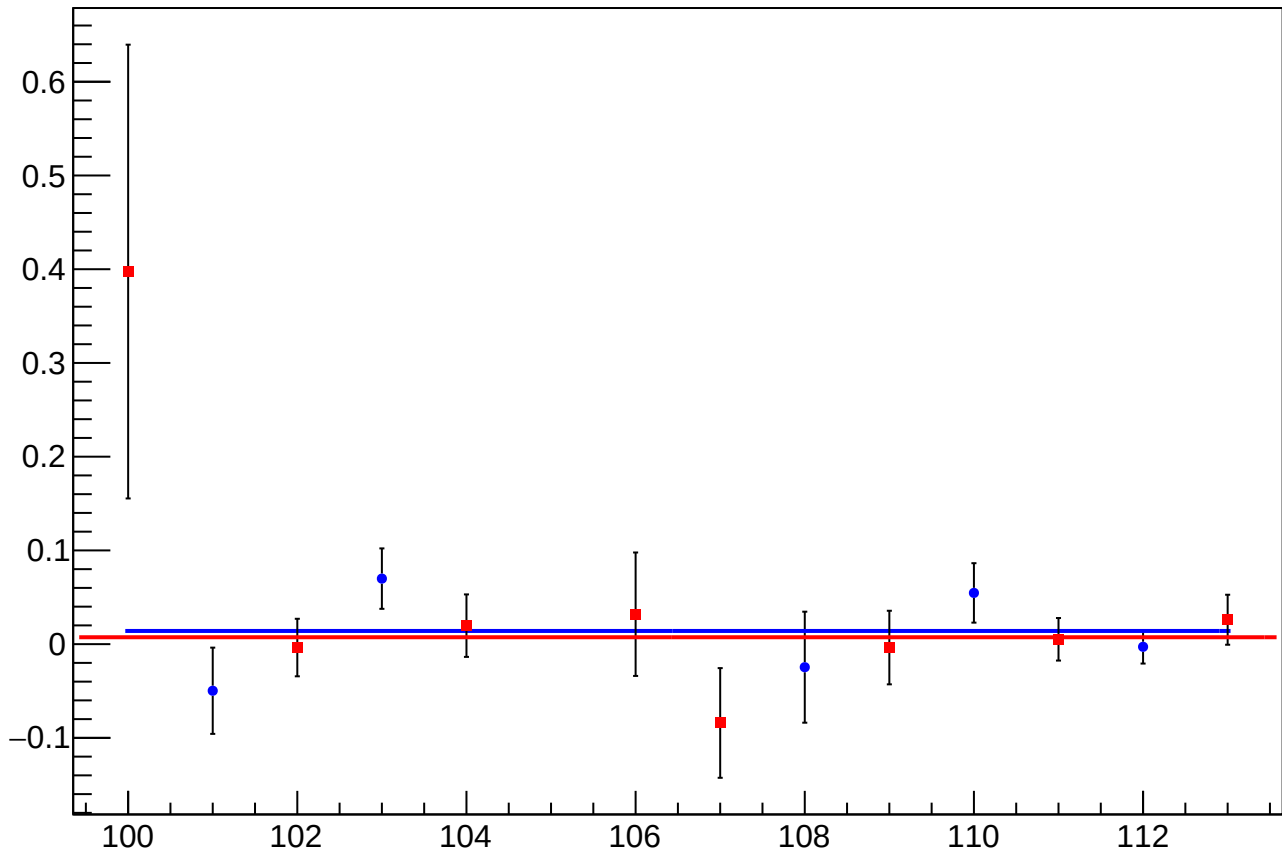
Right: 0.000+/-0.000 χ^2/NDF : 383343.3/12

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 : 383343.3/12

asym_sam_1548_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.013 χ^2/NDF : 7.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.012 χ^2/NDF : 6.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

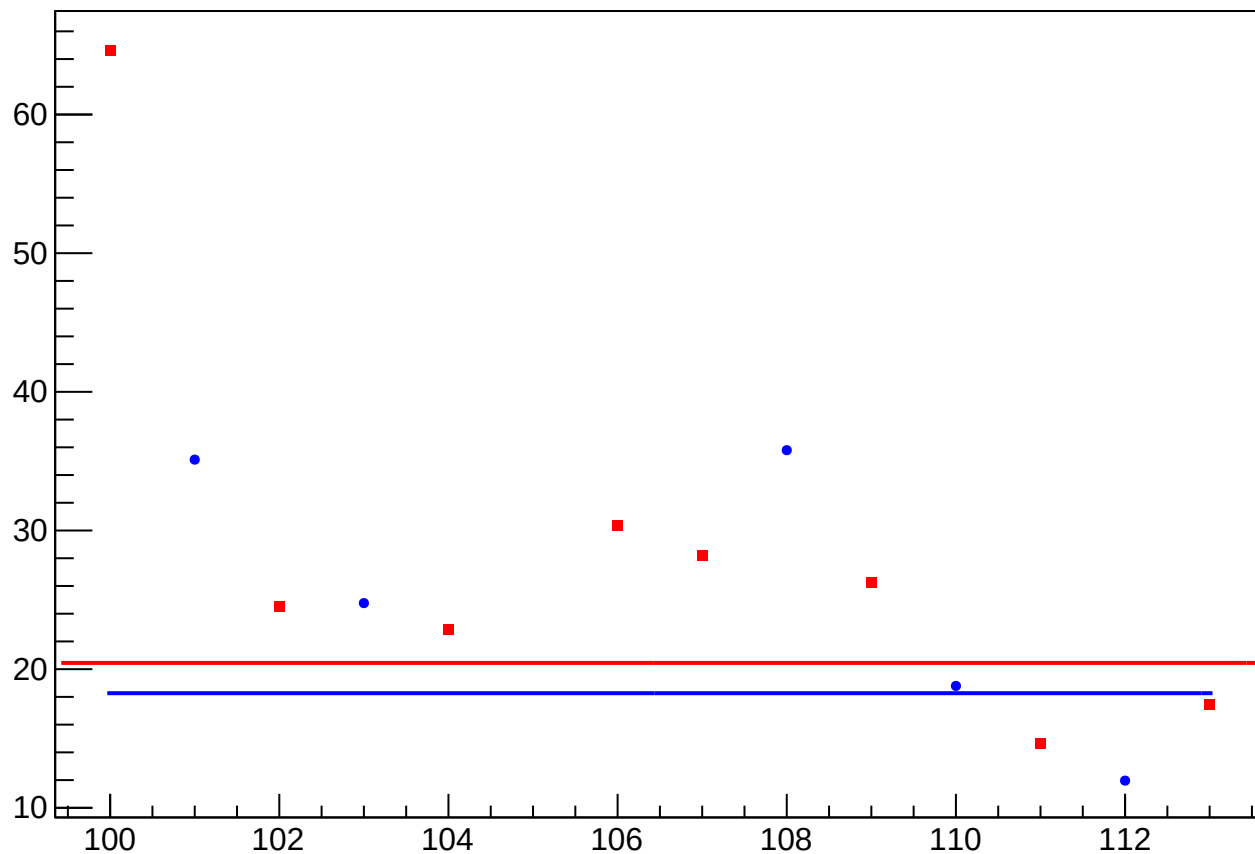
Right: 0.011+/-0.009 χ^2/NDF : 14.0/12

In: 0.014+/-0.013 χ^2/NDF : 7.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.009 χ^2/NDF : 14.0/12

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: 20.451+/-0.009 χ^2/NDF : 394367.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

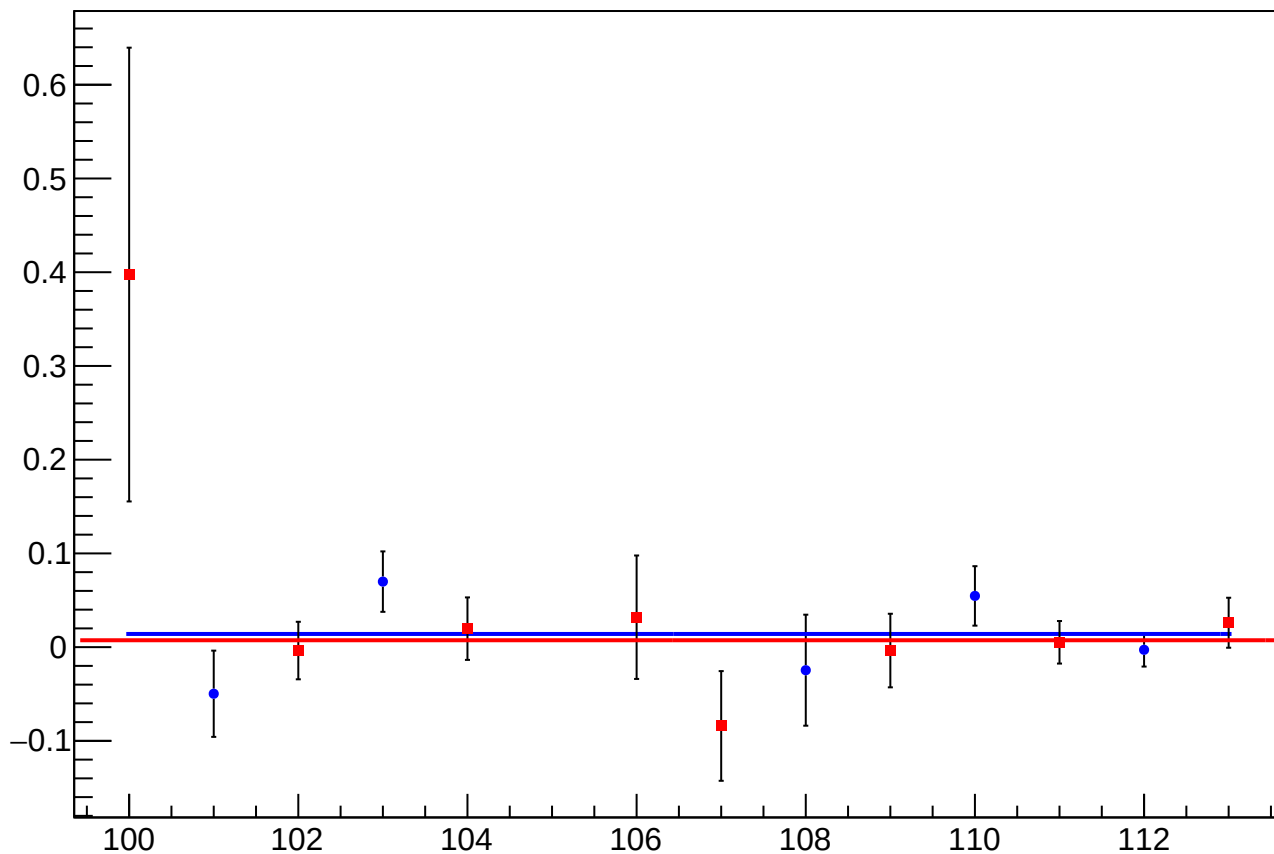
Right: 19.417+/-0.006 χ^2/NDF : 1197591.2/12

In: 18.267+/-0.009 χ^2/NDF : 773871.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.417+/-0.006 χ^2/NDF : 1197591.2/12

asym_sam_1548_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.013 χ^2/NDF : 7.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.012 χ^2/NDF : 6.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

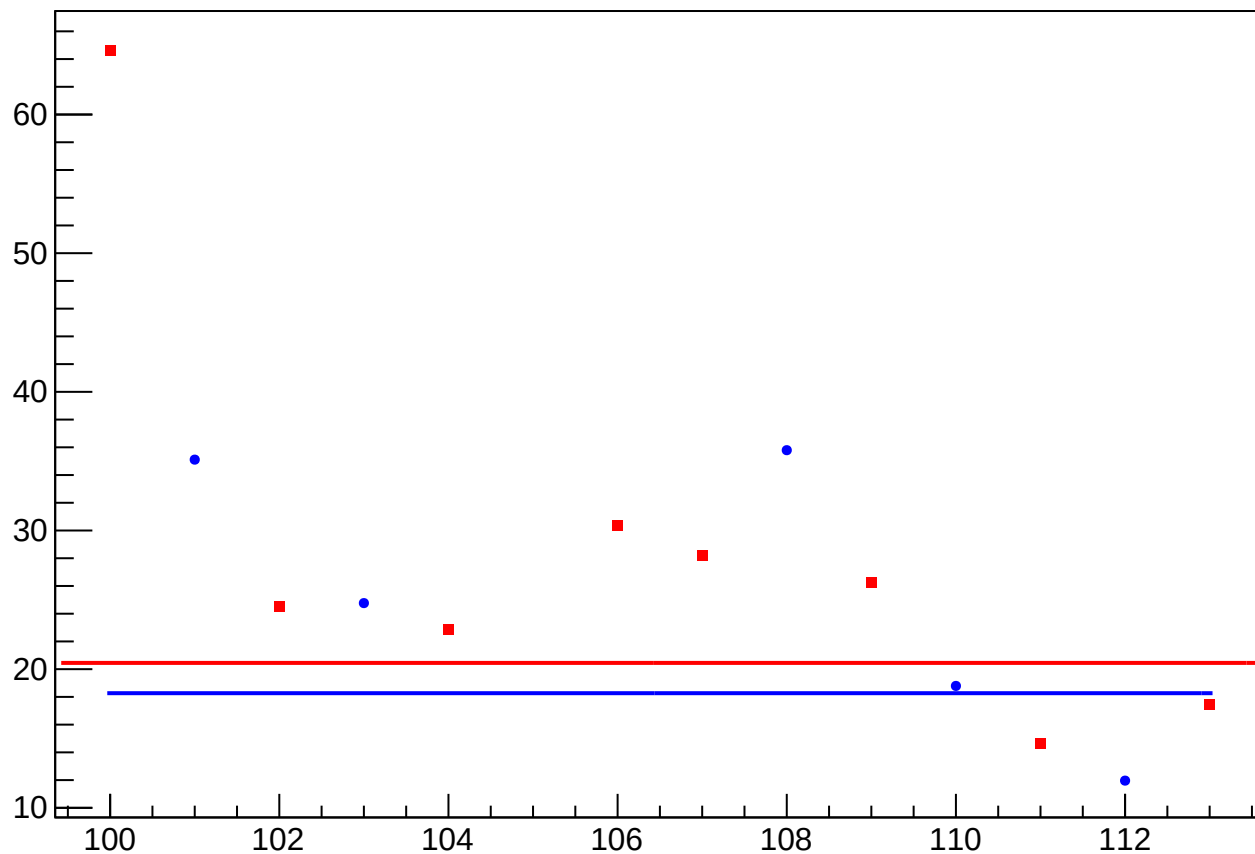
Right: 0.011+/-0.009 χ^2/NDF : 14.0/12

In: 0.014+/-0.013 χ^2/NDF : 7.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.009 χ^2/NDF : 14.0/12

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: 20.451+/-0.009 χ^2/NDF : 394367.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

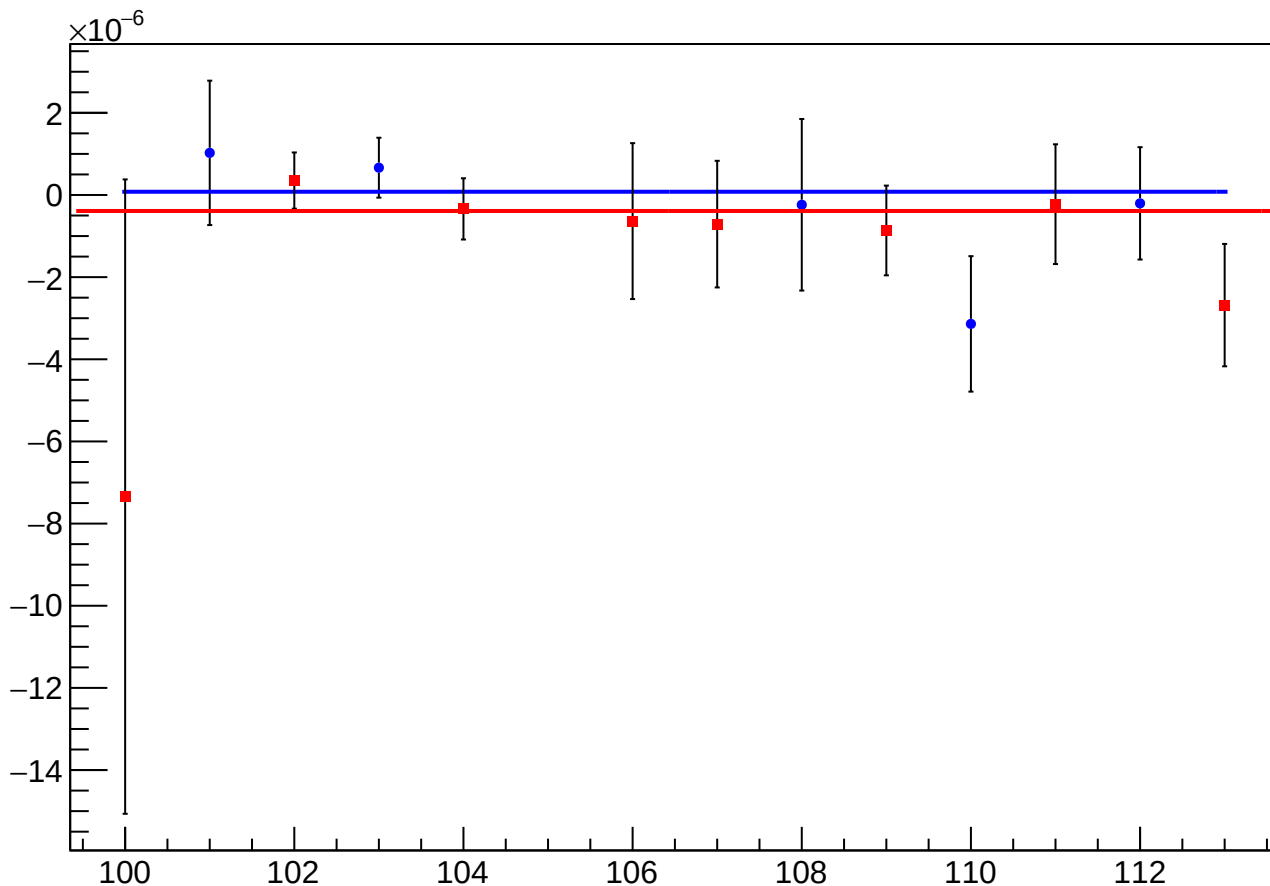
Right: 19.417+/-0.006 χ^2/NDF : 1197591.2/12

In: 18.267+/-0.009 χ^2/NDF : 773871.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.417+/-0.006 χ^2/NDF : 1197591.2/12

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 : 4.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

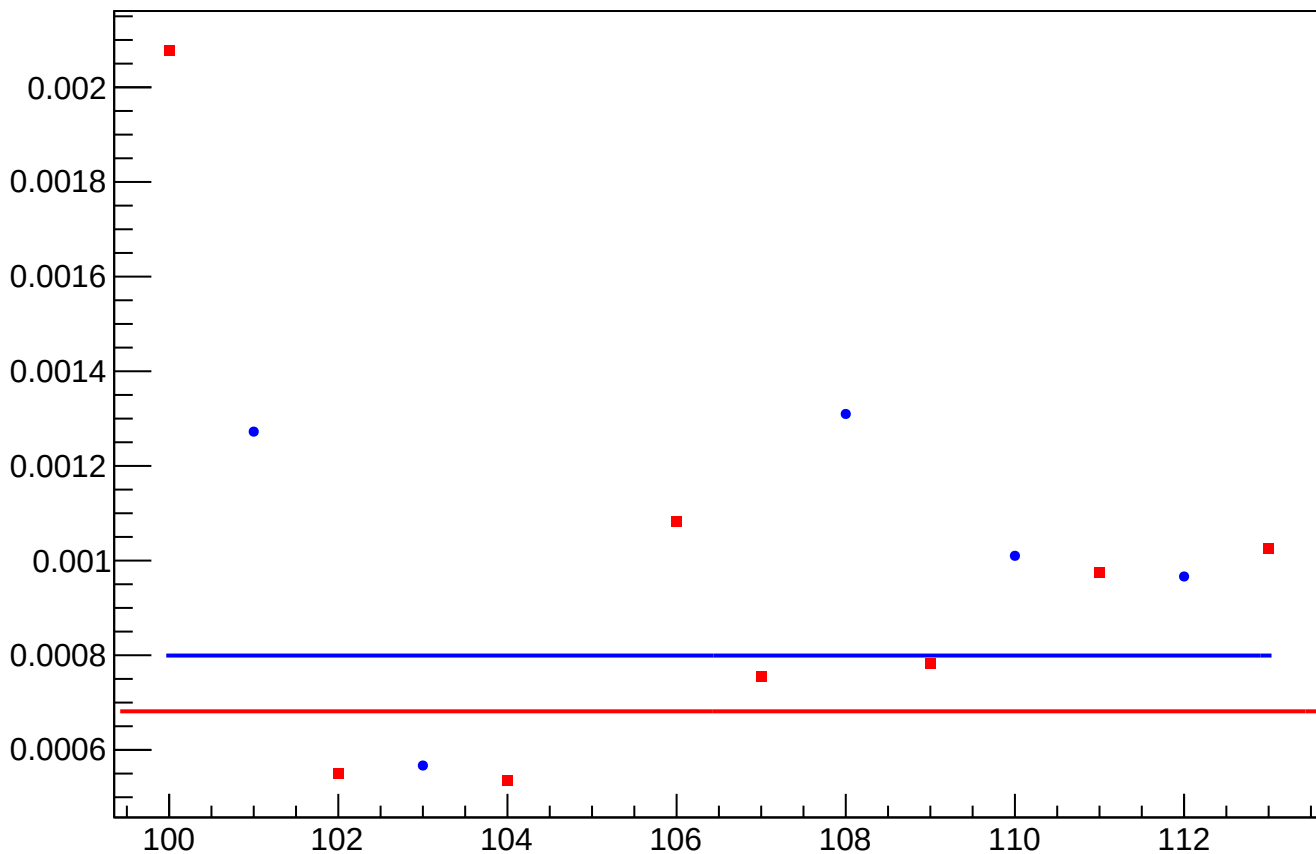
Right: -0.000+/-0.000 χ^2/NDF : 9.9/12

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 : 9.9/12

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 : 513777.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

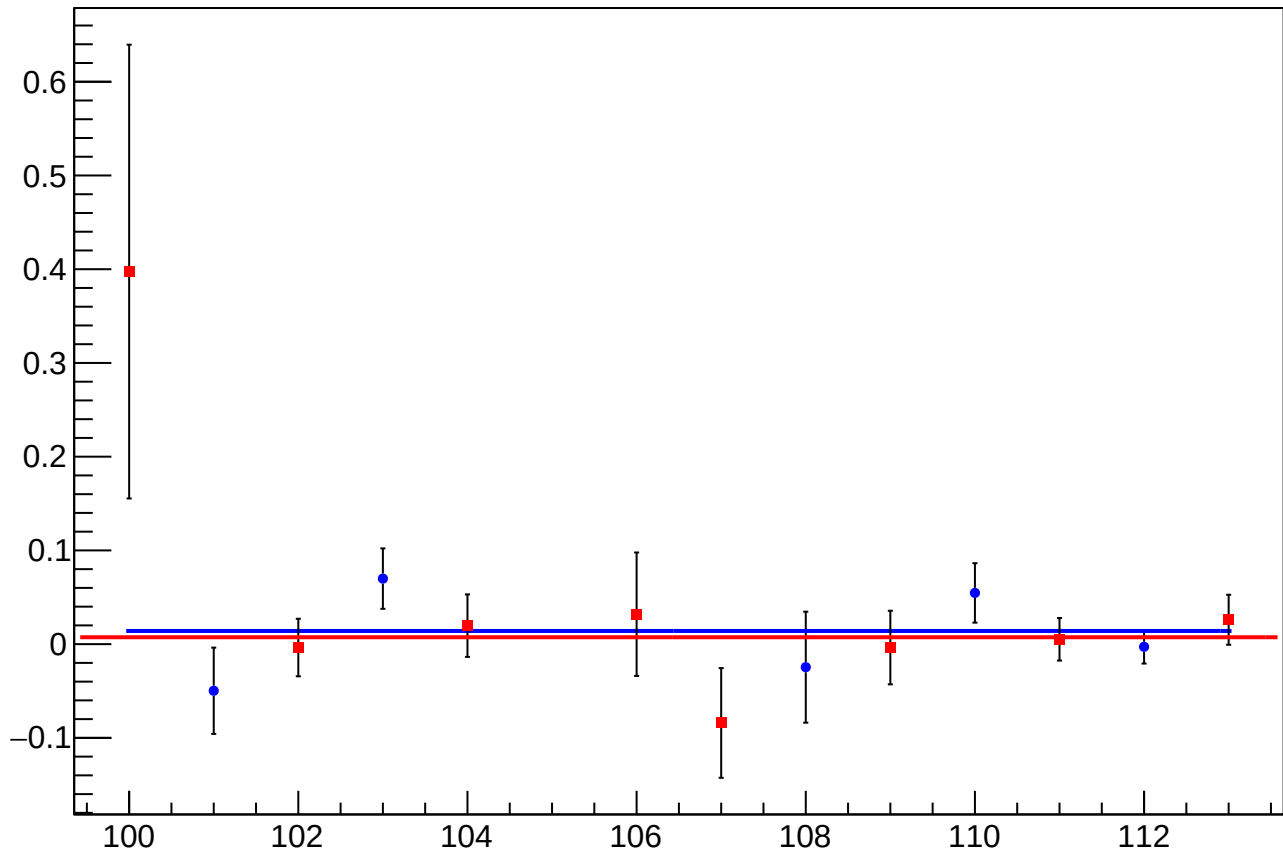
Right: 0.001+/-0.000 χ^2/NDF : 1104676.3/12

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 : 1104676.3/12

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: 0.007 $\pm$ 0.012 χ^2 /NDF: 6.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

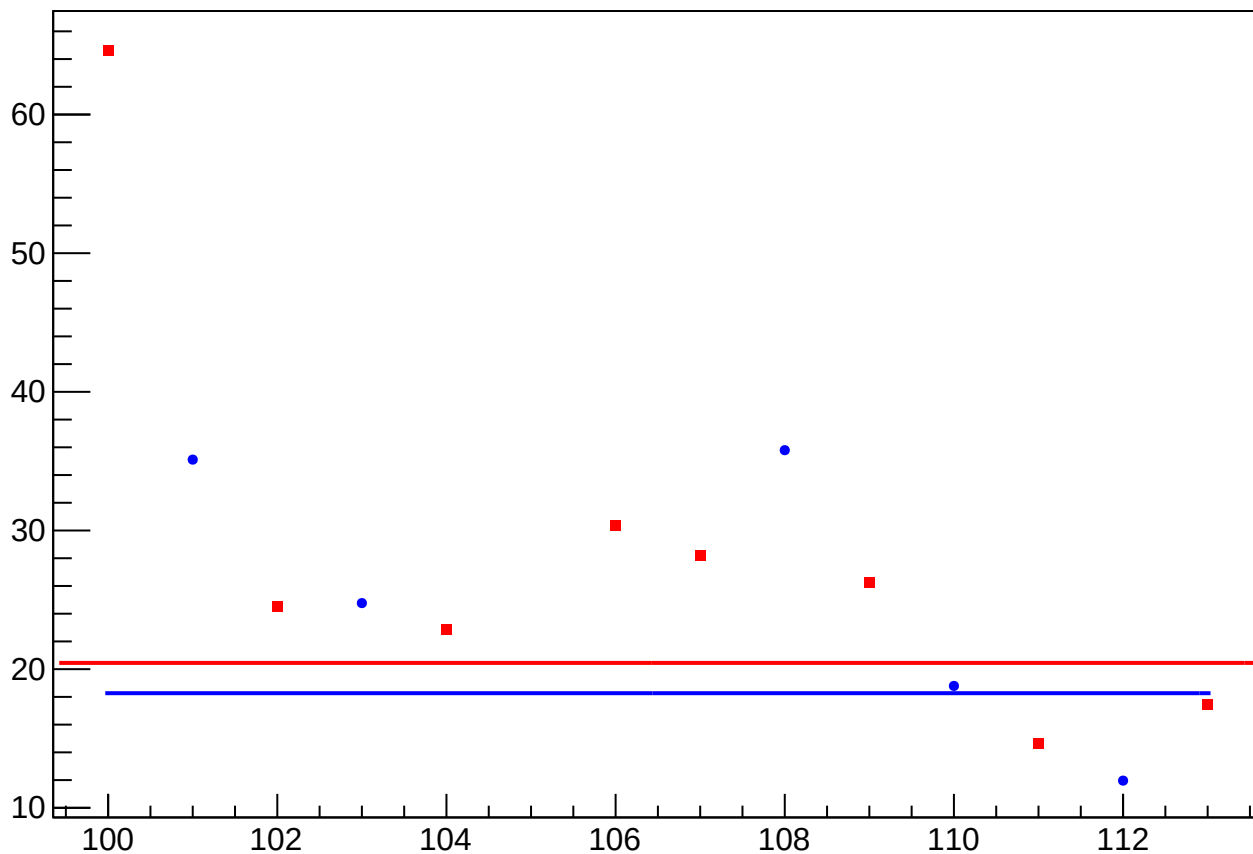
Right: 0.011 $\pm$ 0.009 χ^2 /NDF: 14.0/12

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: 0.011 $\pm$ 0.009 χ^2 /NDF: 14.0/12

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: 20.451+/-0.009 χ^2/NDF : 394425.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

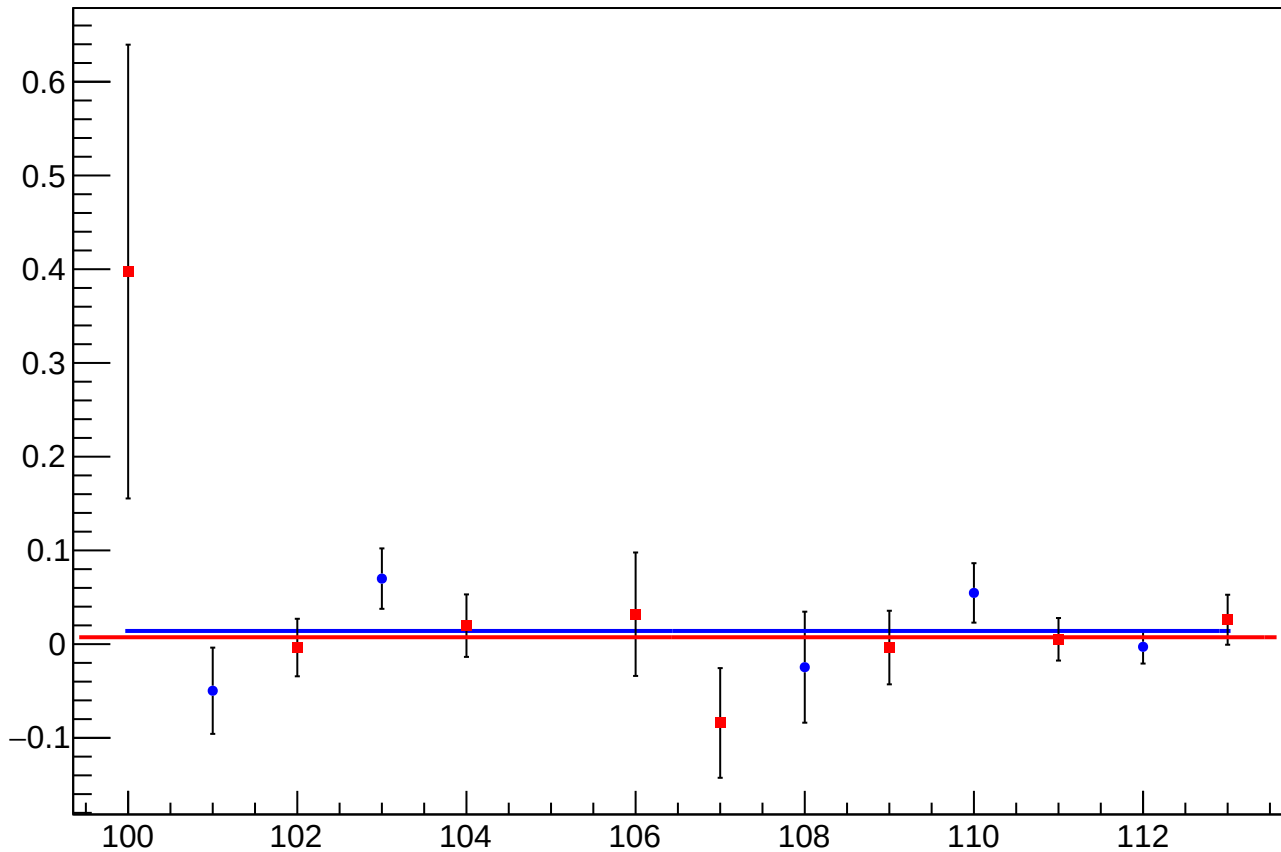
Right: 19.417+/-0.006 χ^2/NDF : 1197723.5/12

In: 18.267+/-0.009 χ^2/NDF : 773941.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.417+/-0.006 χ^2/NDF : 1197723.5/12

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: 0.007 $\pm$ 0.012 χ^2 /NDF: 6.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

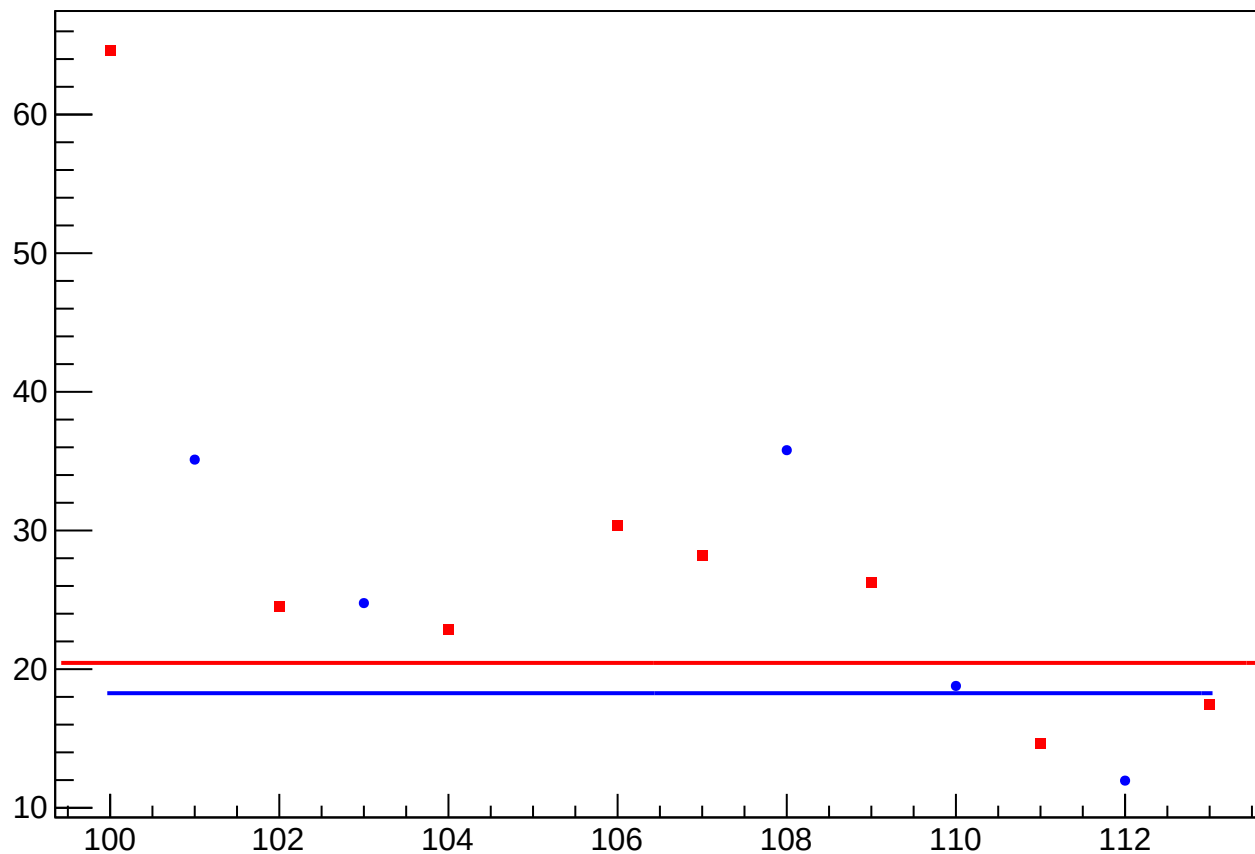
Right: 0.011 $\pm$ 0.009 χ^2 /NDF: 14.0/12

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: 0.011 $\pm$ 0.009 χ^2 /NDF: 14.0/12

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: 20.451+/-0.009 χ^2/NDF : 394425.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

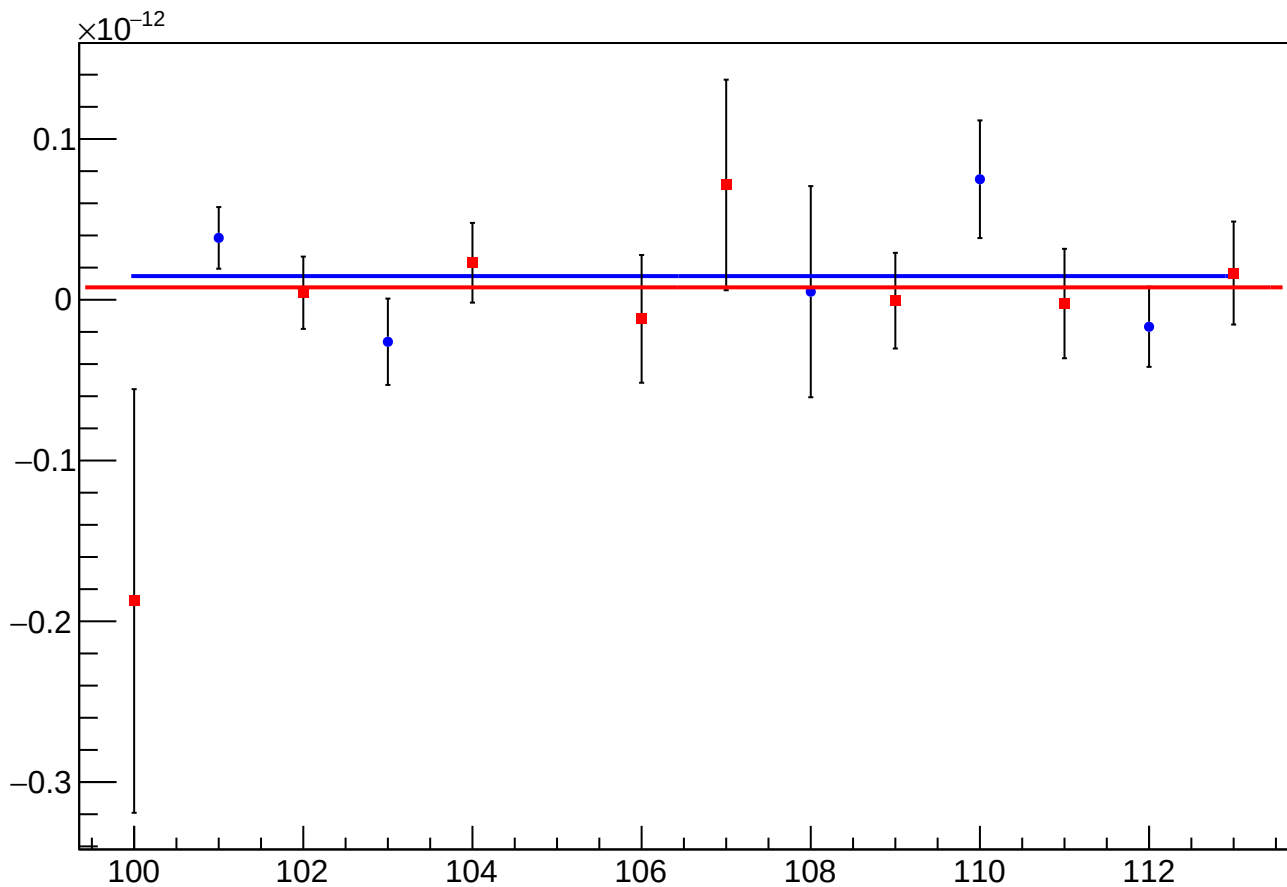
Right: 19.417+/-0.006 χ^2/NDF : 1197723.5/12

In: 18.267+/-0.009 χ^2/NDF : 773941.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.417+/-0.006 χ^2/NDF : 1197723.5/12

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 : 4.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

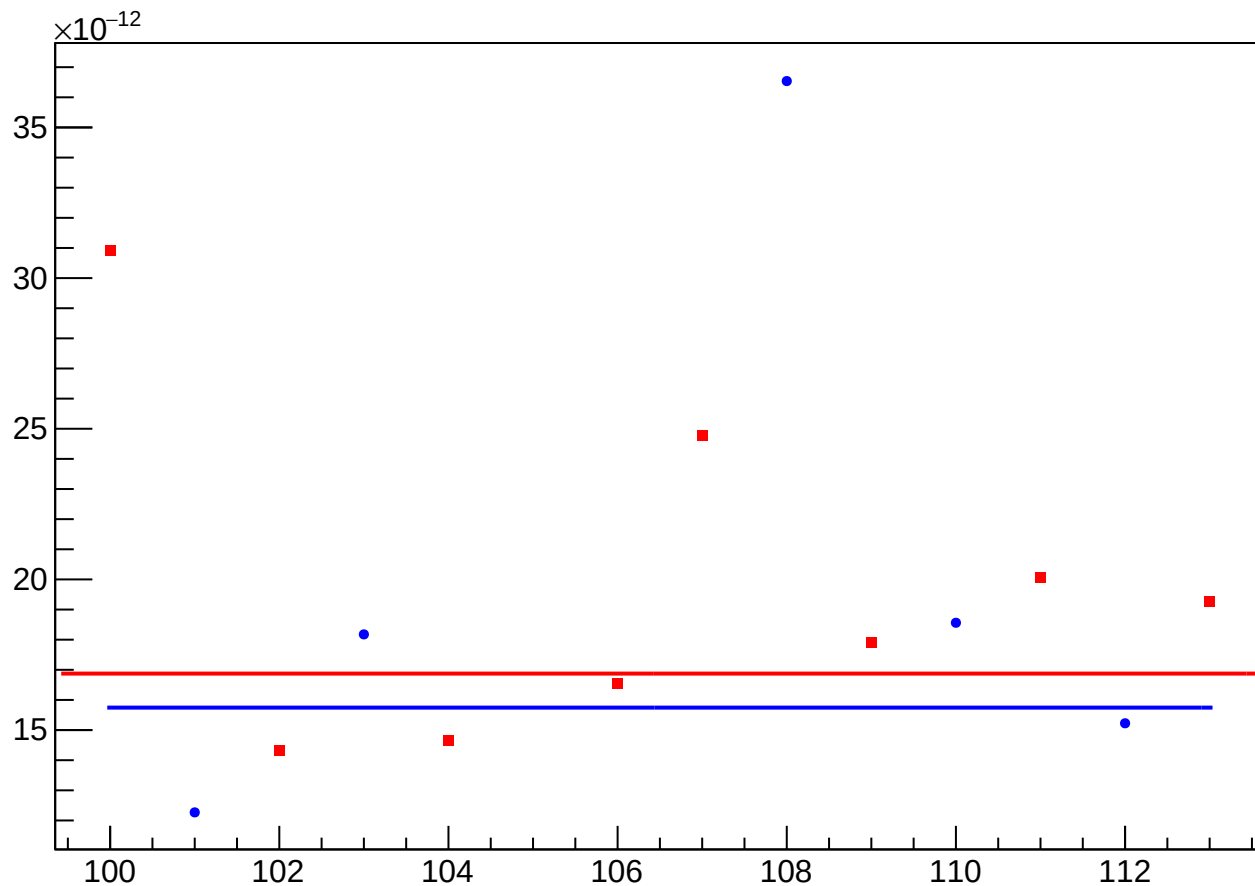
Right: 0.000+/-0.000 χ^2/NDF : 12.4/12

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 : 12.4/12

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 : 125244.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

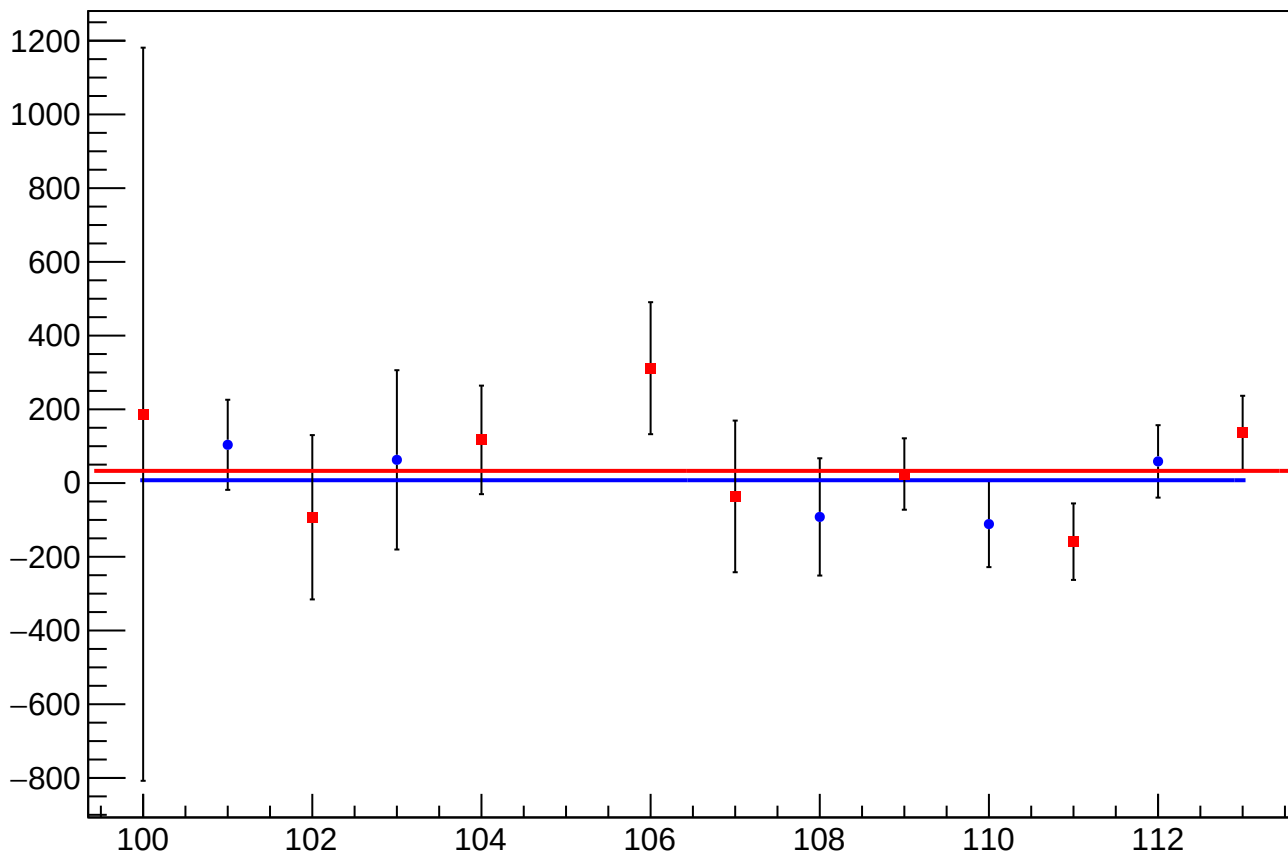
Right: 0.000+/-0.000 χ^2/NDF : 429662.5/12

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 : 429662.5/12

reg_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 7.672+/-57.705 χ^2/NDF : 2.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.046+/-48.769 χ^2/NDF : 7.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

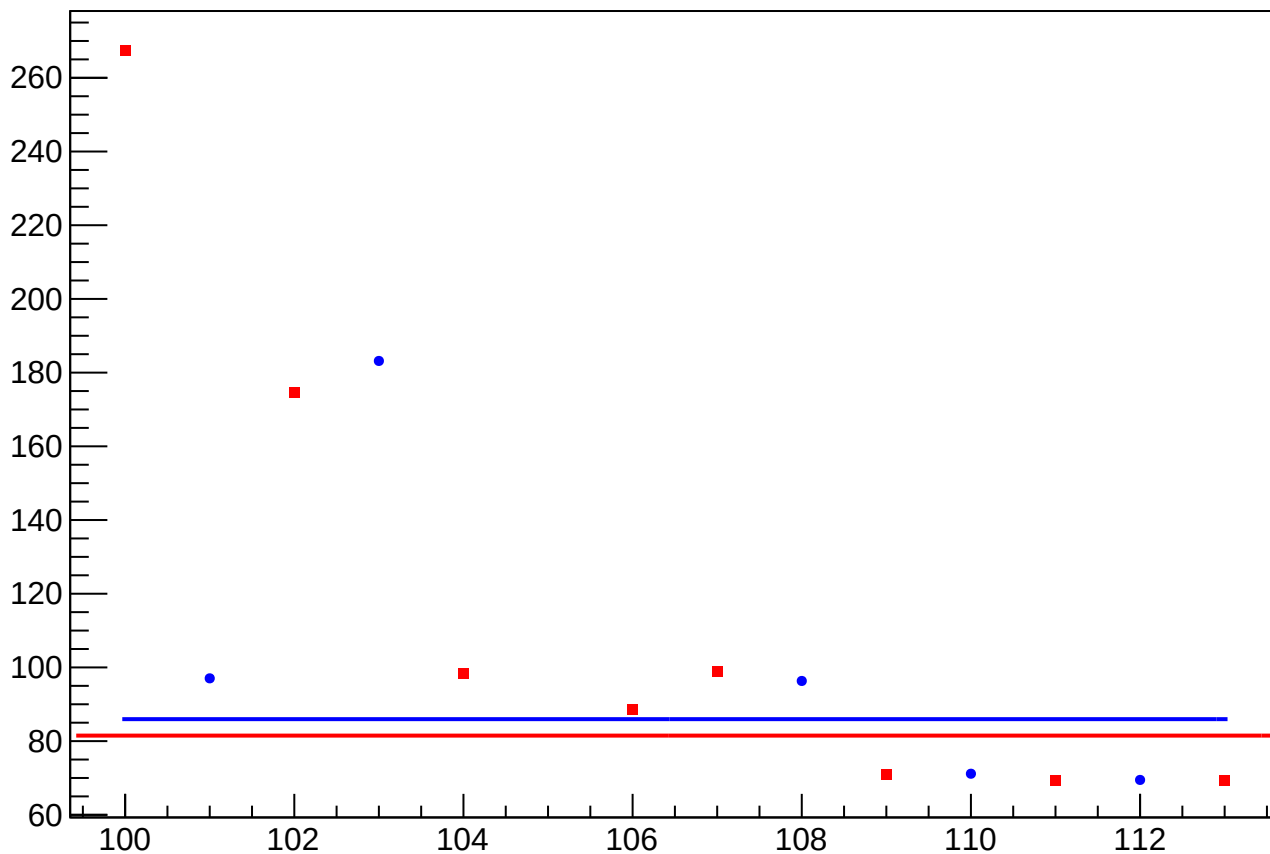
Right: 22.474+/-37.248 χ^2/NDF : 10.2/12

In: 7.672+/-57.705 χ^2/NDF : 2.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.474+/-37.248 χ^2/NDF : 10.2/12

reg_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 85.963+/-0.041 χ^2/NDF : 432904.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.498+/-0.034 χ^2/NDF : 543783.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

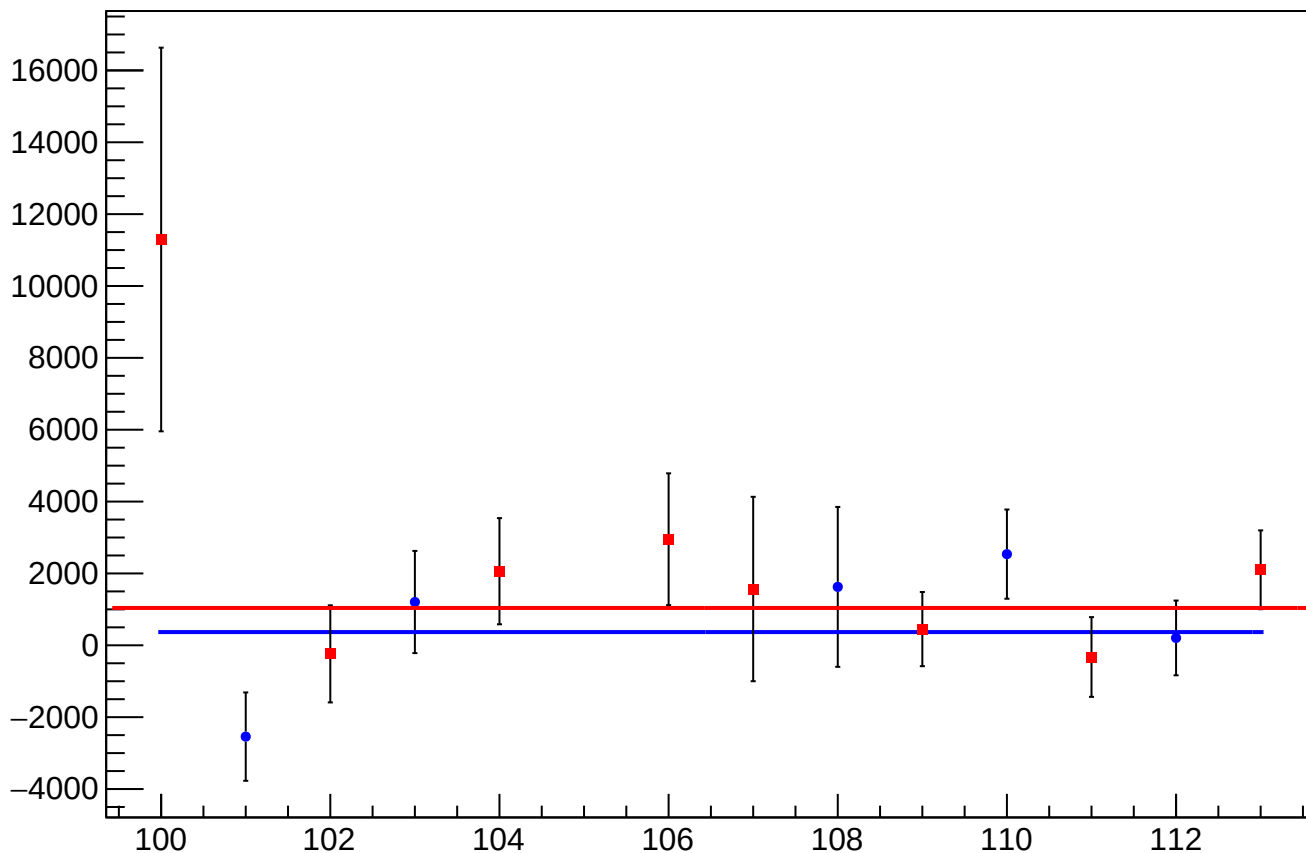
Right: 83.358+/-0.026 χ^2/NDF : 983671.5/12

In: 85.963+/-0.041 χ^2/NDF : 432904.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.358+/-0.026 χ^2/NDF : 983671.5/12

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: 1039.164+/-495.583 χ^2/NDF : 9.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

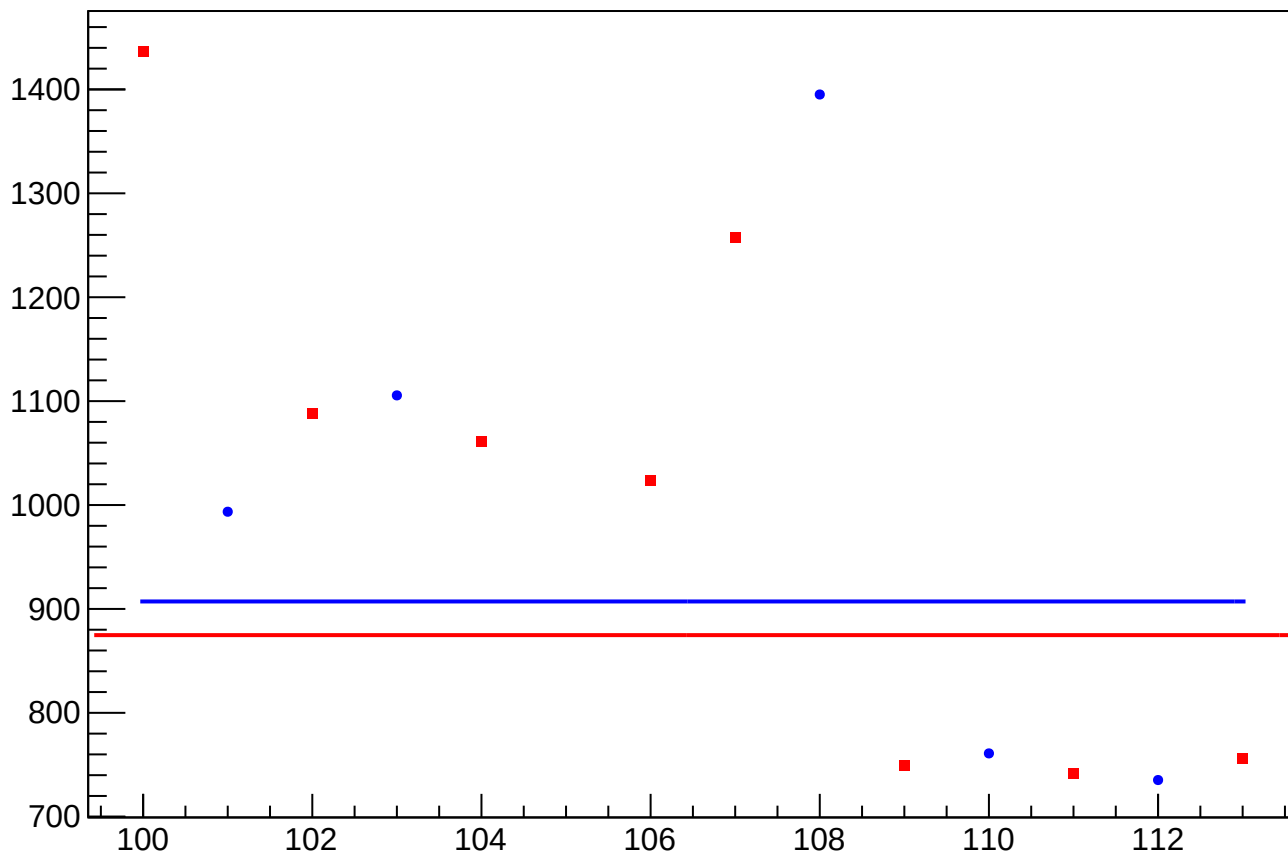
Right: 758.322+/-377.902 χ^2/NDF : 19.1/12

In: 368.148+/-584.136 χ^2/NDF : 9.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 758.322+/-377.902 χ^2/NDF : 19.1/12

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: 874.792+/-0.350 χ^2/NDF : 243280.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

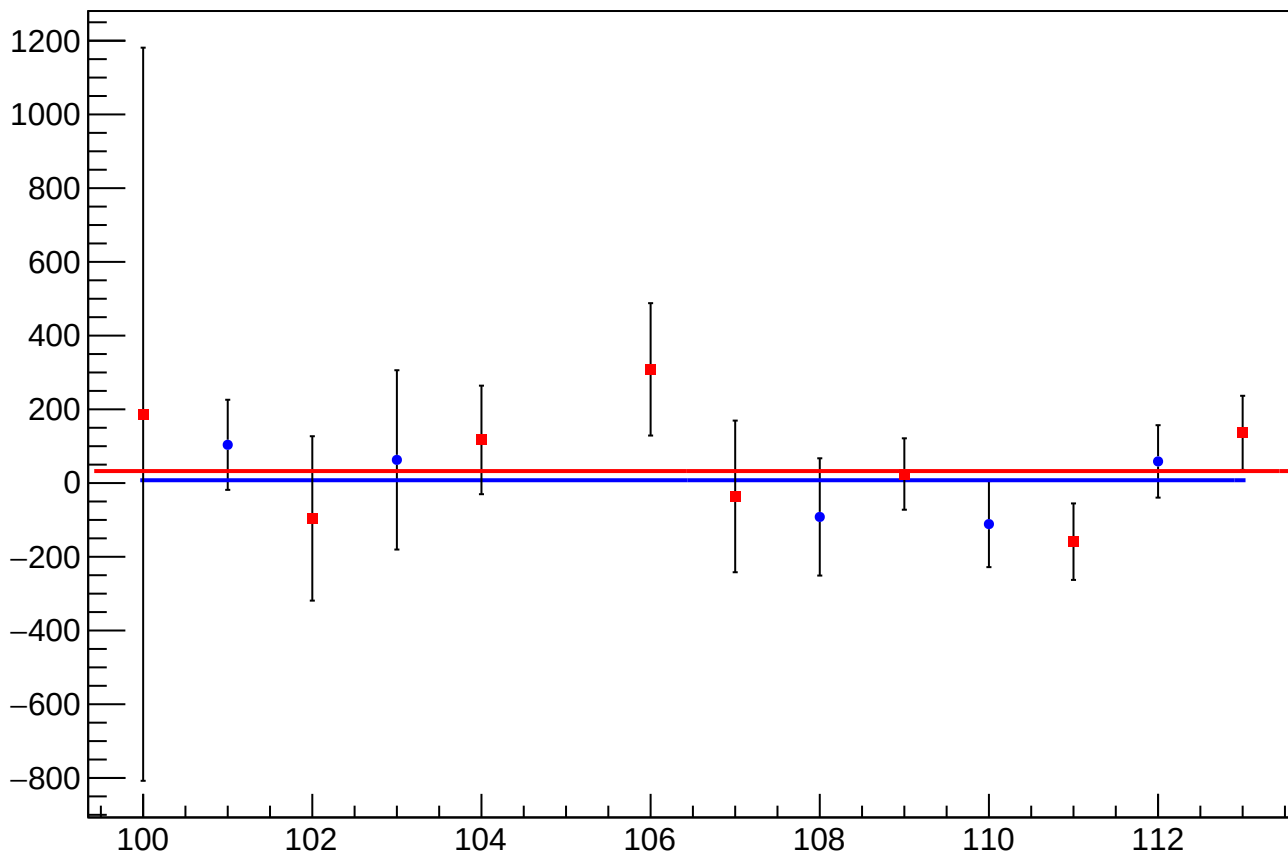
Right: 888.352+/-0.267 χ^2/NDF : 474138.9/12

In: 907.191+/-0.413 χ^2/NDF : 227280.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 888.352+/-0.267 χ^2/NDF : 474138.9/12

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: 32.538+/-48.781 χ^2 /NDF: 7.6/7

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

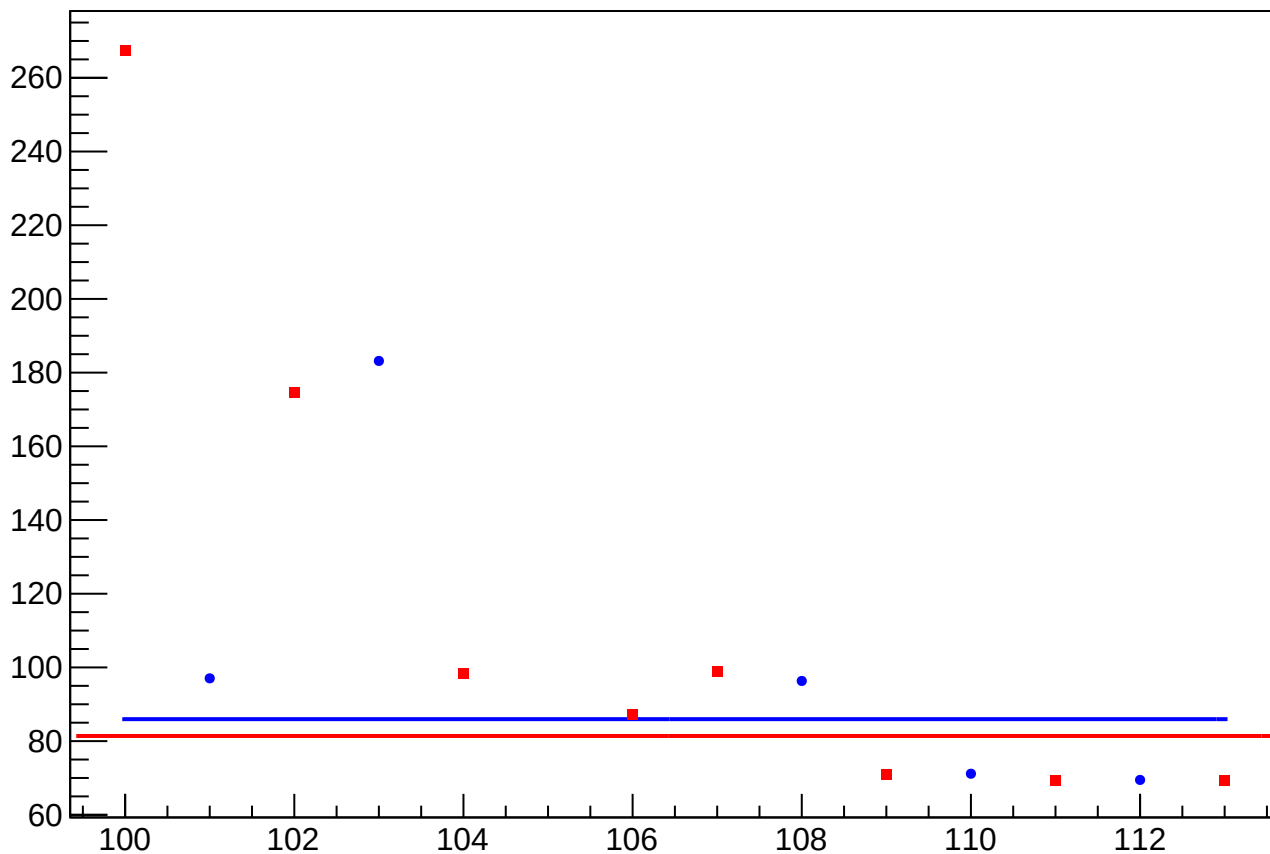
Right: 22.165+/-37.254 χ^2 /NDF: 10.1/12

In: 7.651+/-57.705 χ^2 /NDF: 2.4/4

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 22.165+/-37.254 χ^2 /NDF: 10.1/12

cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 85.963 $\pm$ 0.041 χ^2 /NDF: 432907.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 81.398 $\pm$ 0.034 χ^2 /NDF: 542942.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

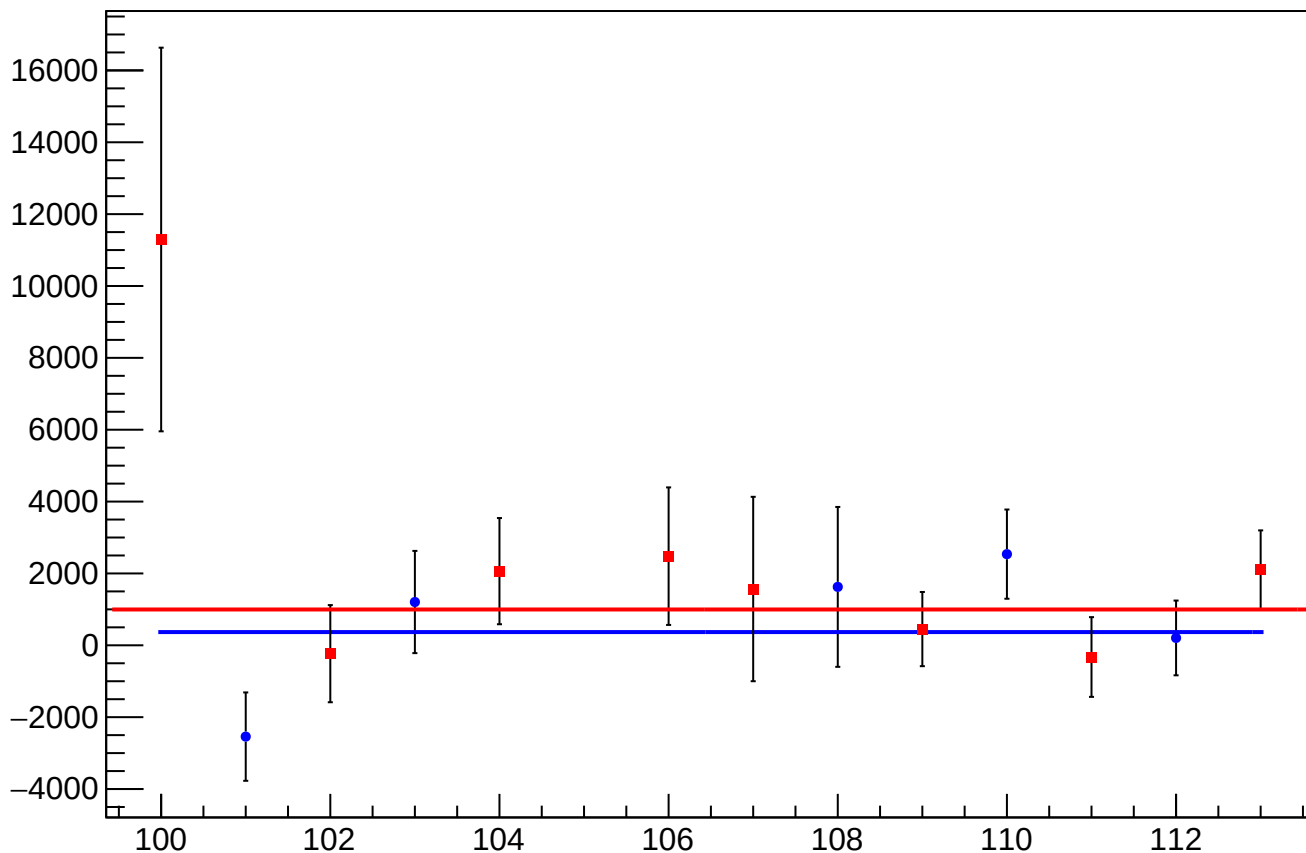
Right: 83.300 $\pm$ 0.026 χ^2 /NDF: 983149.3/12

In: 85.963 $\pm$ 0.041 χ^2 /NDF: 432907.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 83.300 $\pm$ 0.026 χ^2 /NDF: 983149.3/12

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: 997.043+/-497.113 χ^2/NDF : 8.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

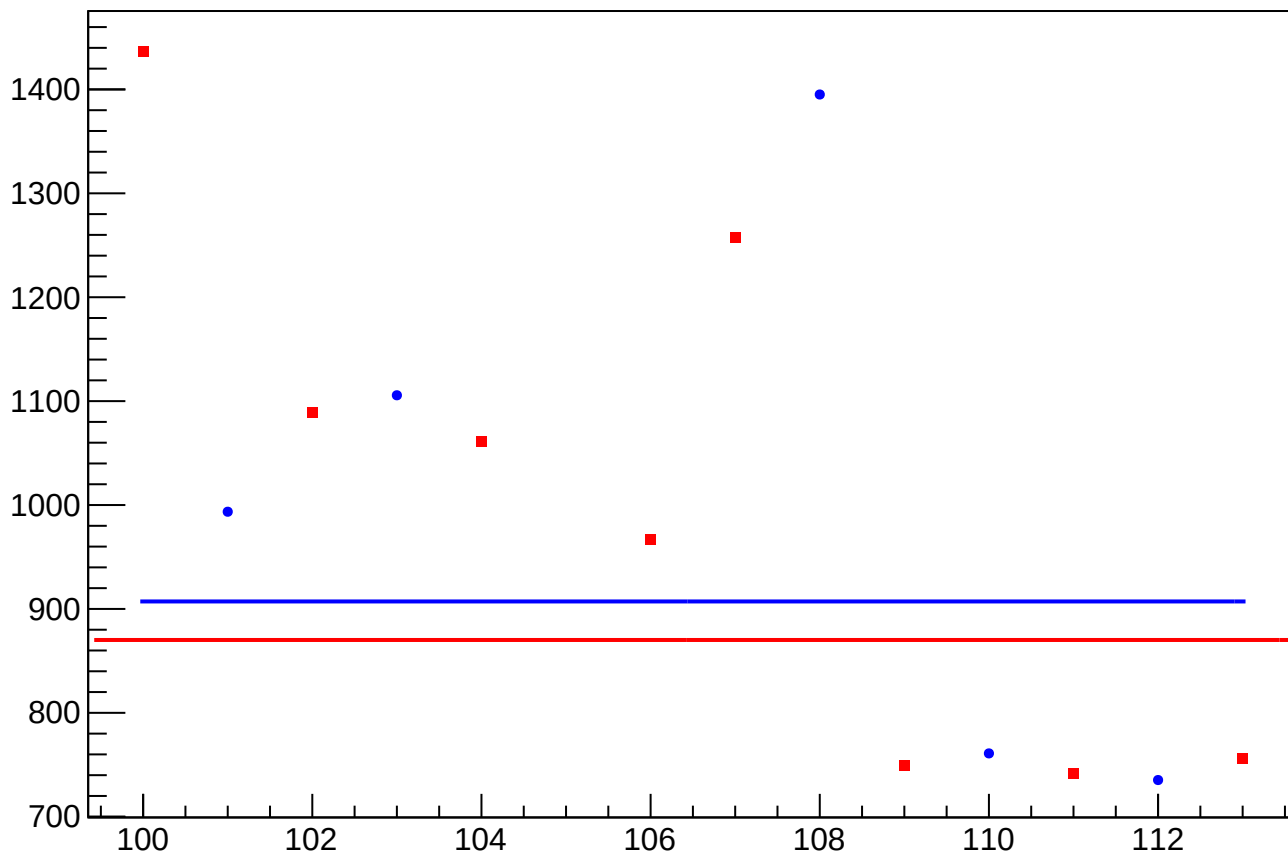
Right: 732.880+/-378.582 χ^2/NDF : 18.4/12

In: 368.122+/-584.146 χ^2/NDF : 9.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 732.880+/-378.582 χ^2/NDF : 18.4/12

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: 870.124+/-0.352 χ^2/NDF : 234823.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

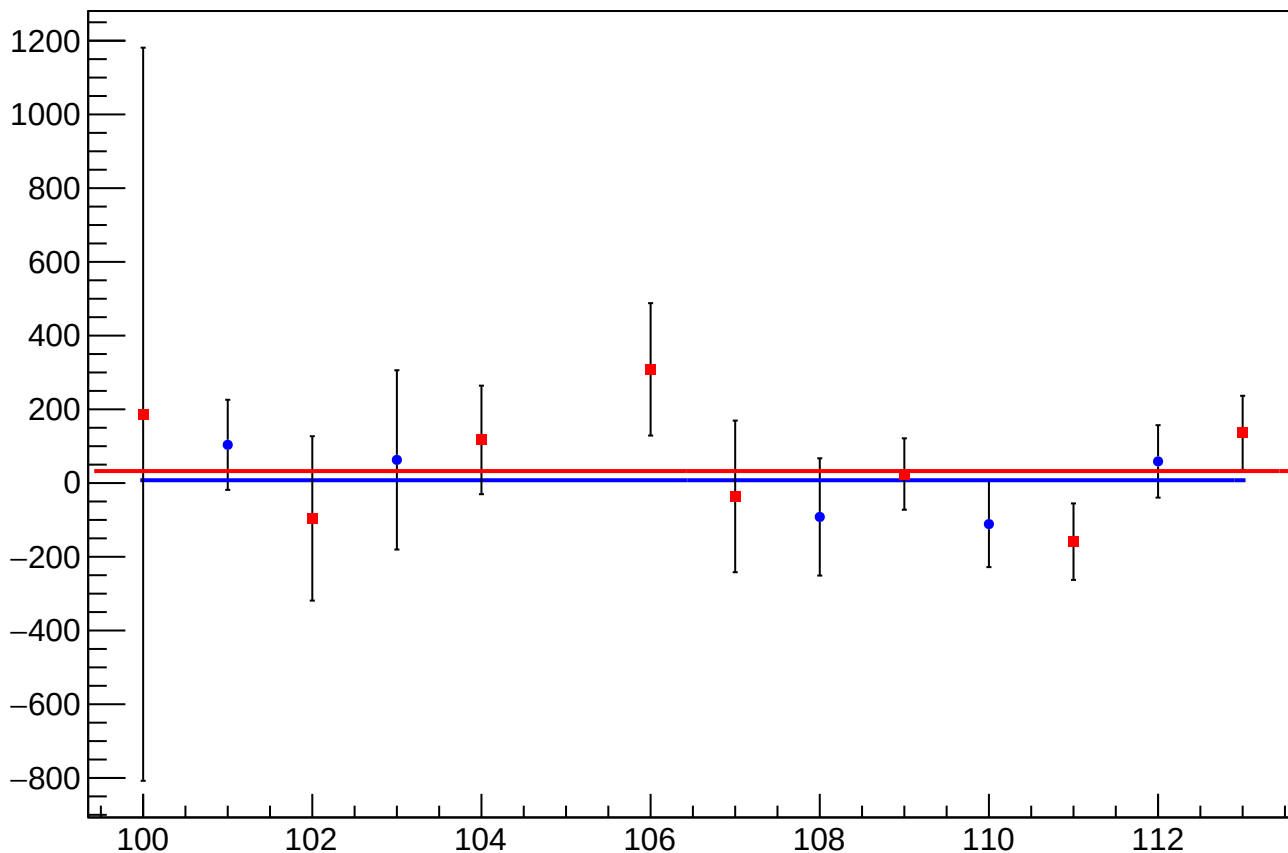
Right: 885.698+/-0.268 χ^2/NDF : 466812.1/12

In: 907.203+/-0.413 χ^2/NDF : 227315.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 885.698+/-0.268 χ^2/NDF : 466812.1/12

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: 32.538+/-48.781 χ^2 /NDF: 7.6/7

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

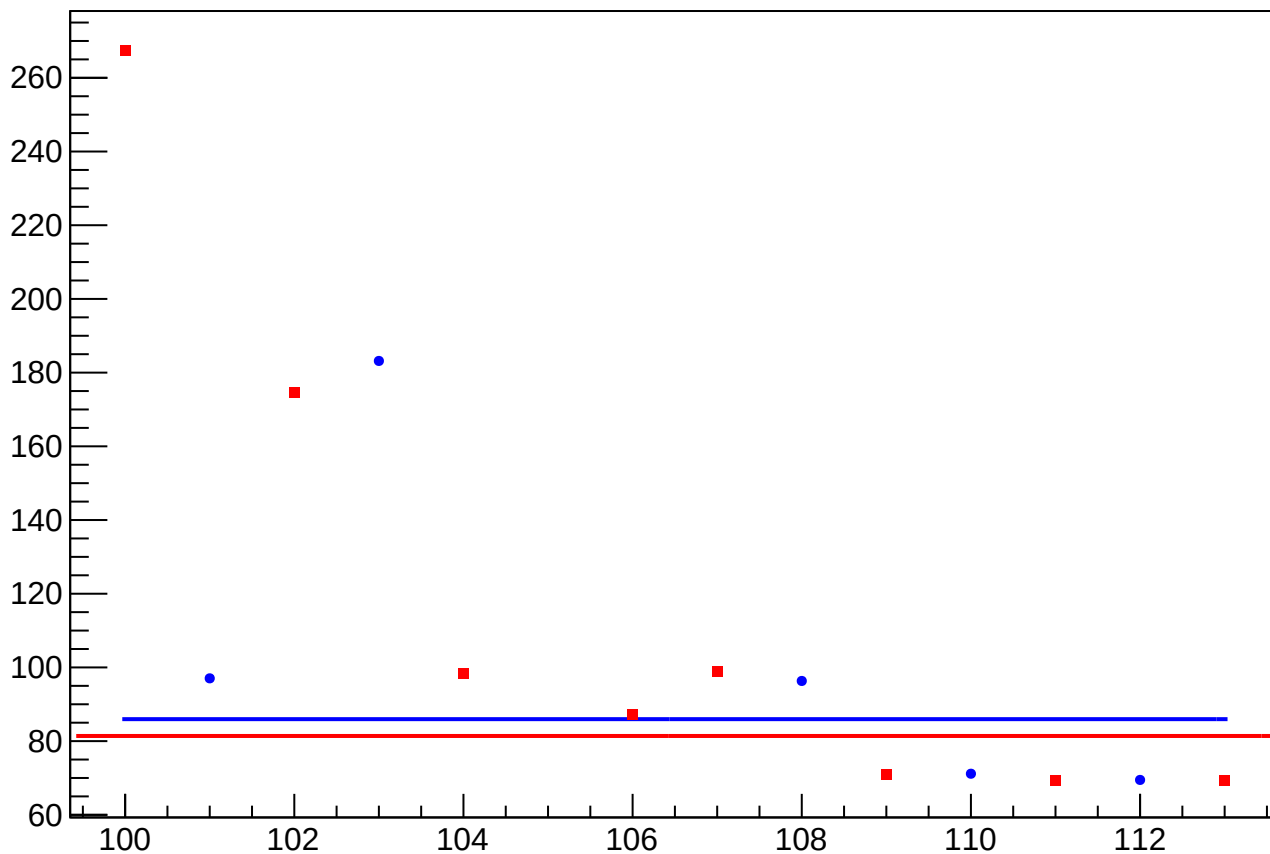
Right: 22.165+/-37.254 χ^2 /NDF: 10.1/12

In: 7.651+/-57.705 χ^2 /NDF: 2.4/4

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 22.165+/-37.254 χ^2 /NDF: 10.1/12

eigen_cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 85.963 $\pm$ 0.041 χ^2 /NDF: 432907.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 81.398 $\pm$ 0.034 χ^2 /NDF: 542942.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

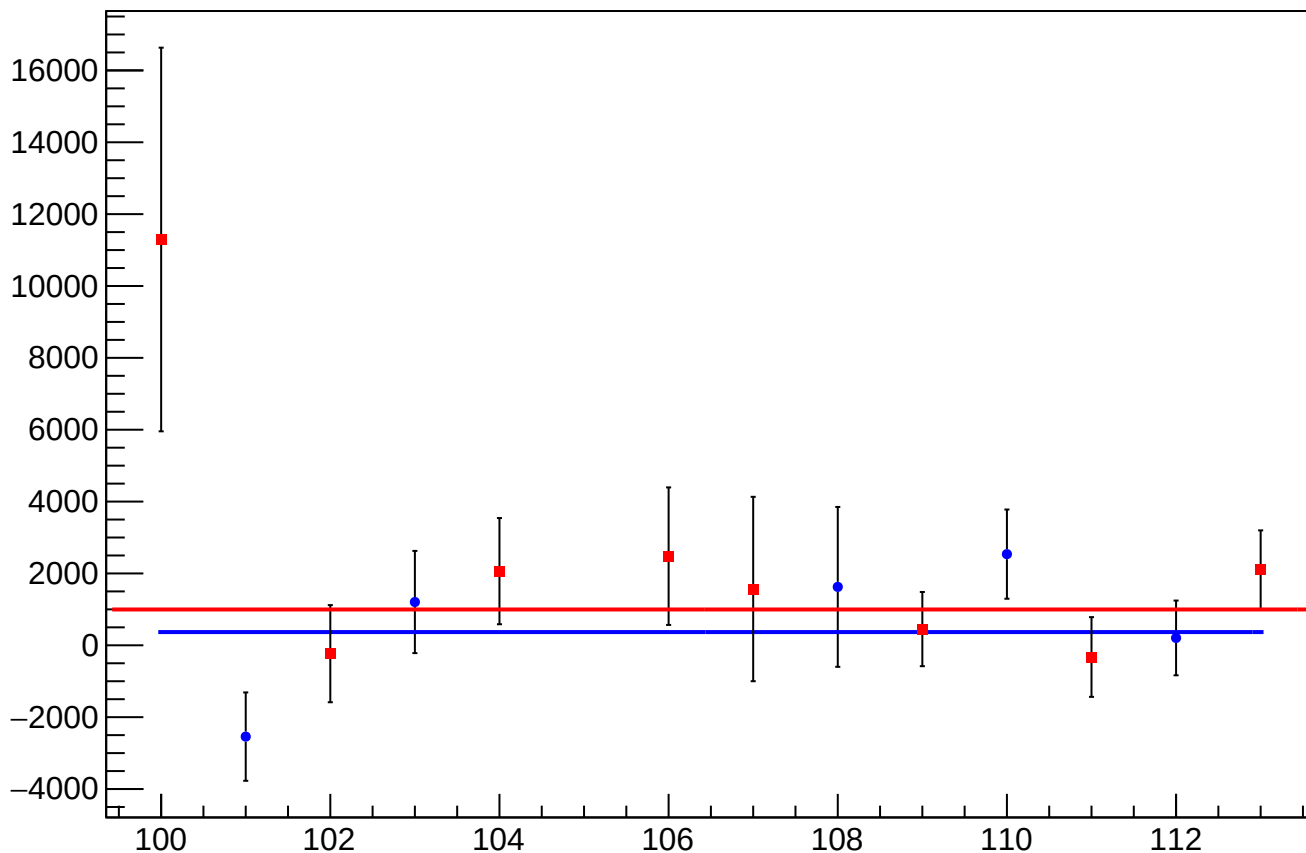
Right: 83.300 $\pm$ 0.026 χ^2 /NDF: 983149.3/12

In: 85.963 $\pm$ 0.041 χ^2 /NDF: 432907.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 83.300 $\pm$ 0.026 χ^2 /NDF: 983149.3/12

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: 997.043+/-497.113 χ^2/NDF : 8.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

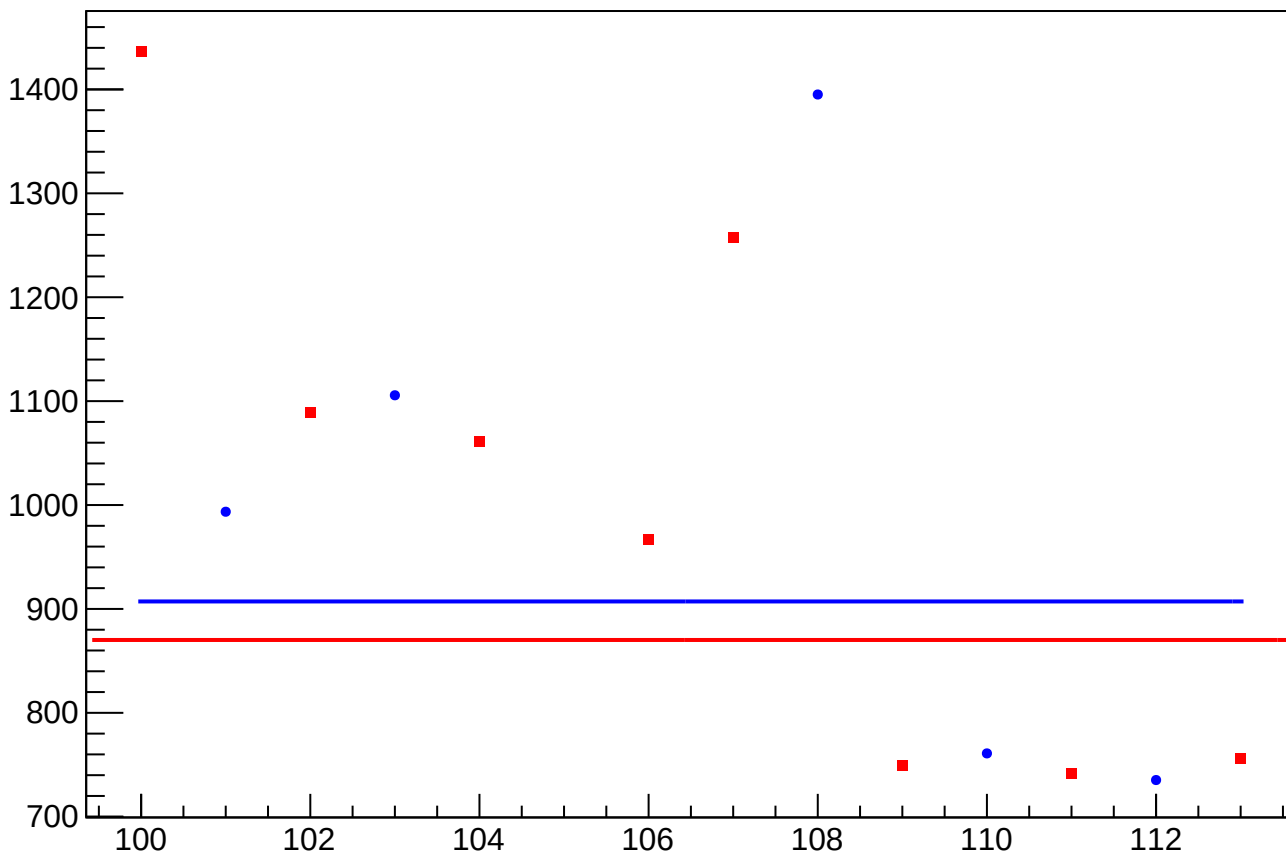
Right: 732.880+/-378.582 χ^2/NDF : 18.4/12

In: 368.122+/-584.146 χ^2/NDF : 9.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 732.880+/-378.582 χ^2/NDF : 18.4/12

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: 870.124+/-0.352 χ^2/NDF : 234823.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

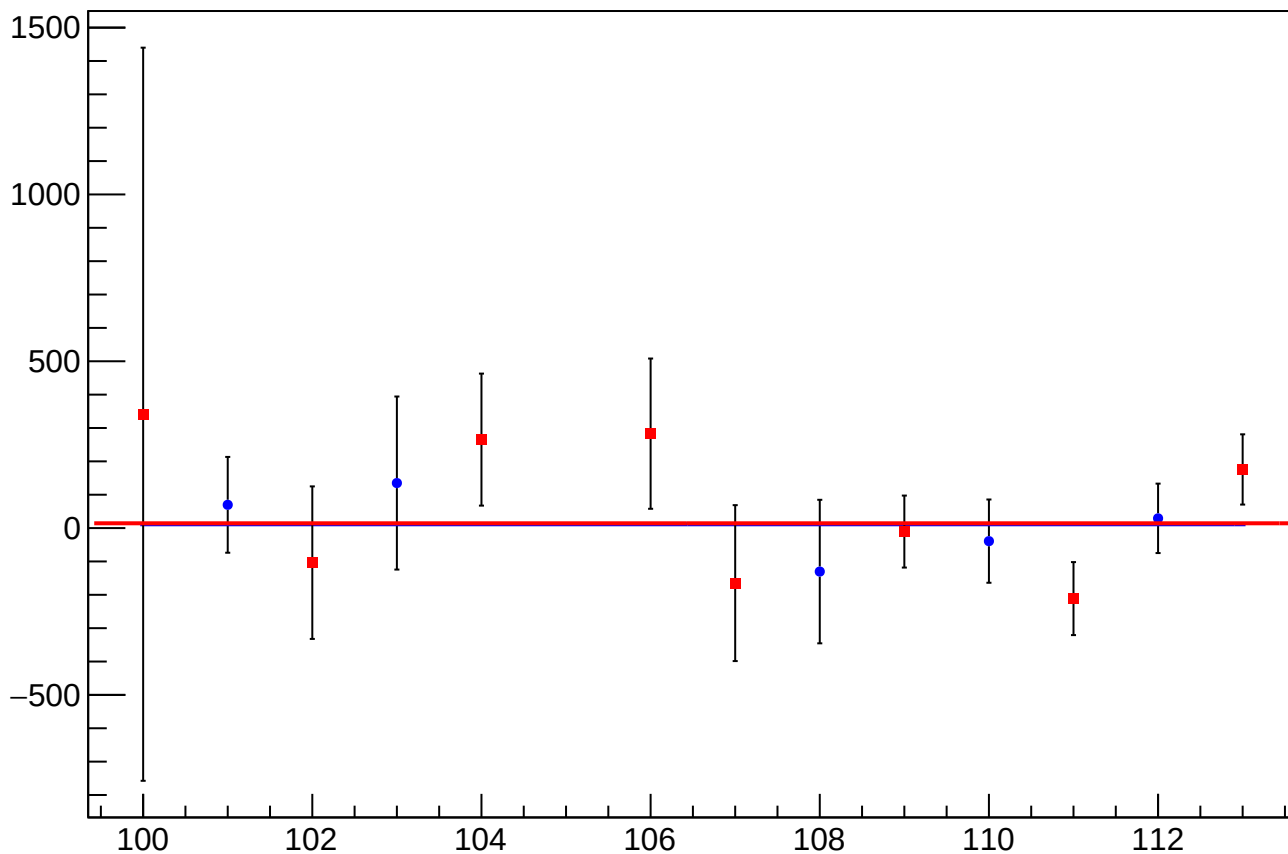
Right: 885.698+/-0.268 χ^2/NDF : 466812.1/12

In: 907.203+/-0.413 χ^2/NDF : 227315.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 885.698+/-0.268 χ^2/NDF : 466812.1/12

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: 14.361+/-53.979 χ^2/NDF : 10.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

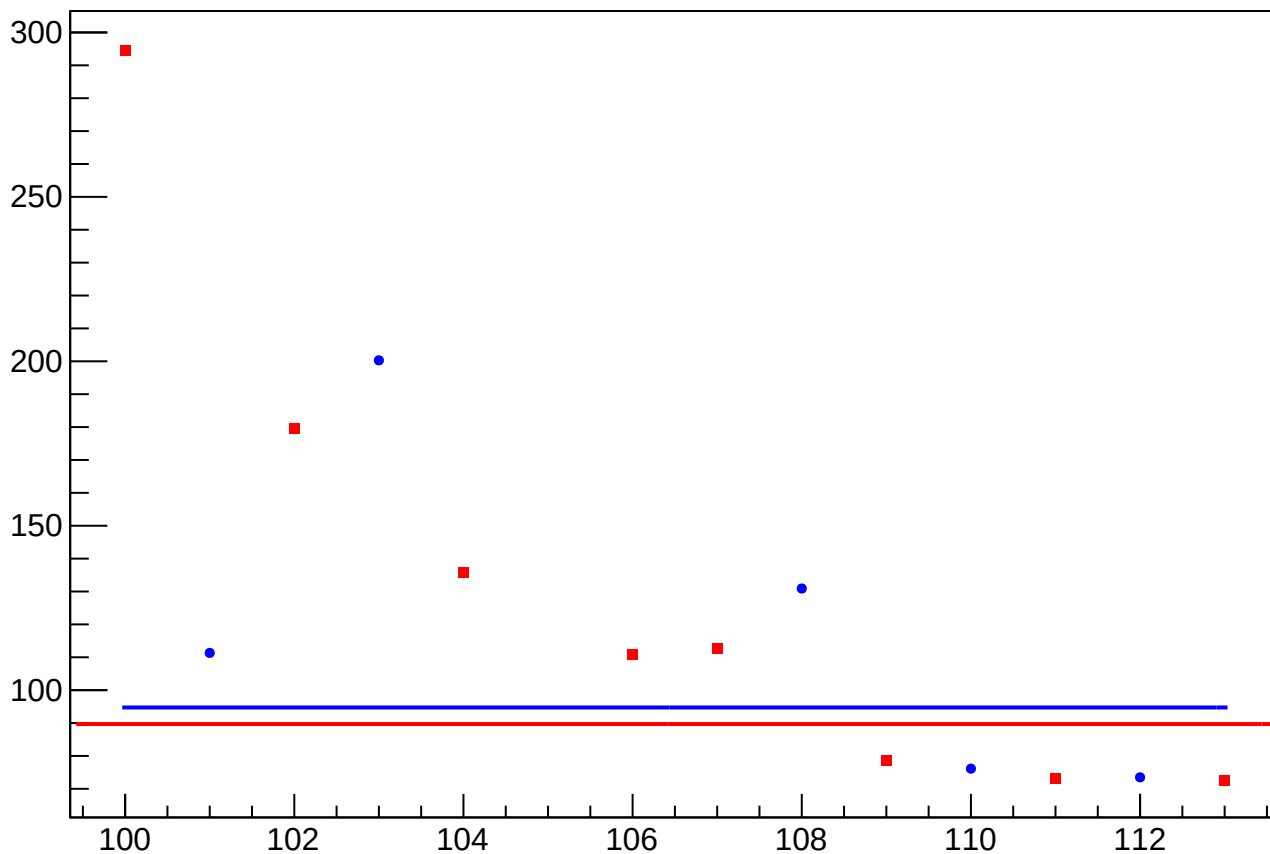
Right: 13.140+/-41.353 χ^2/NDF : 11.7/12

In: 11.405+/-64.340 χ^2/NDF : 1.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.140+/-41.353 χ^2/NDF : 11.7/12

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: 89.703+/-0.038 χ^2/NDF : 645530.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

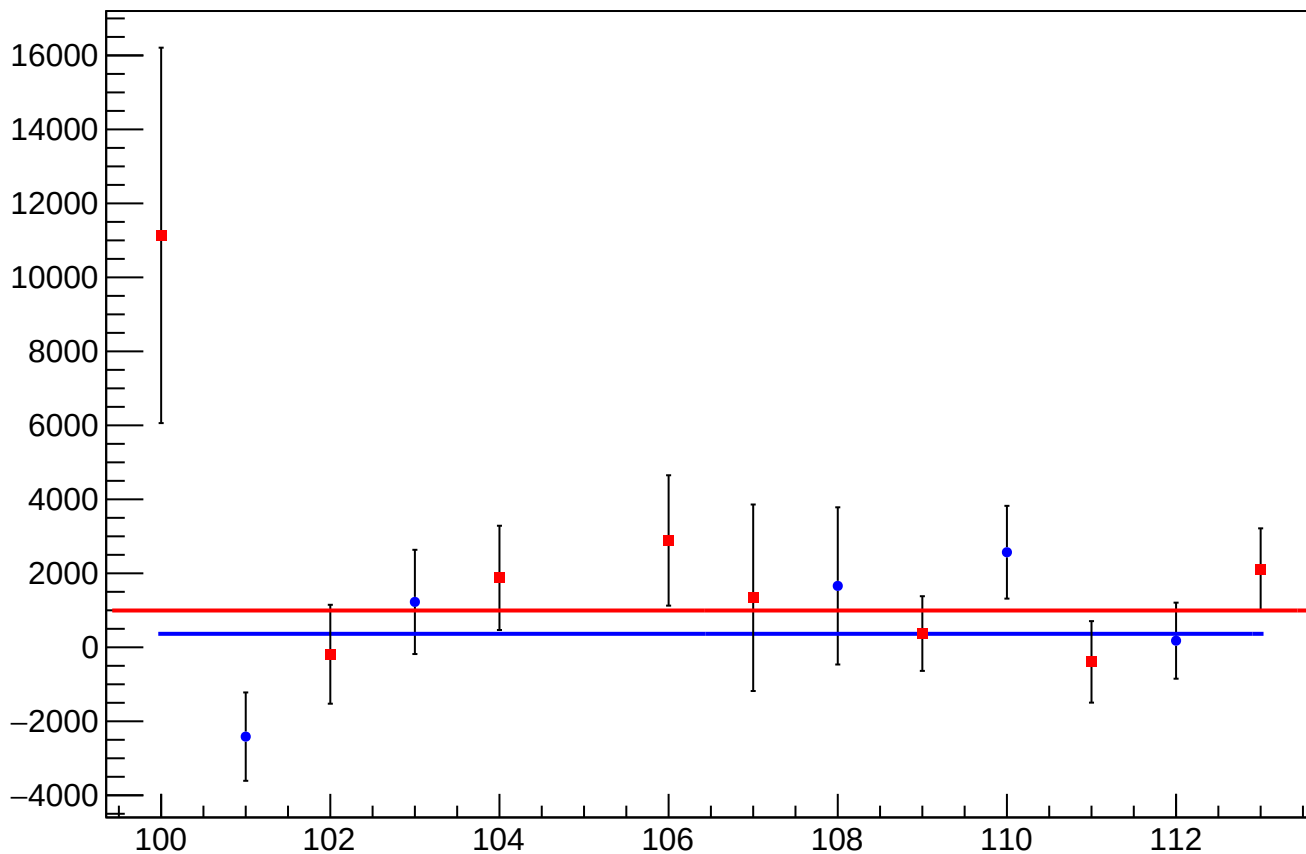
Right: 91.781+/-0.029 χ^2/NDF : 1195163.6/12

In: 94.733+/-0.045 χ^2/NDF : 542459.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.781+/-0.029 χ^2/NDF : 1195163.6/12

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: 995.042+/-487.503 χ^2/NDF : 9.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

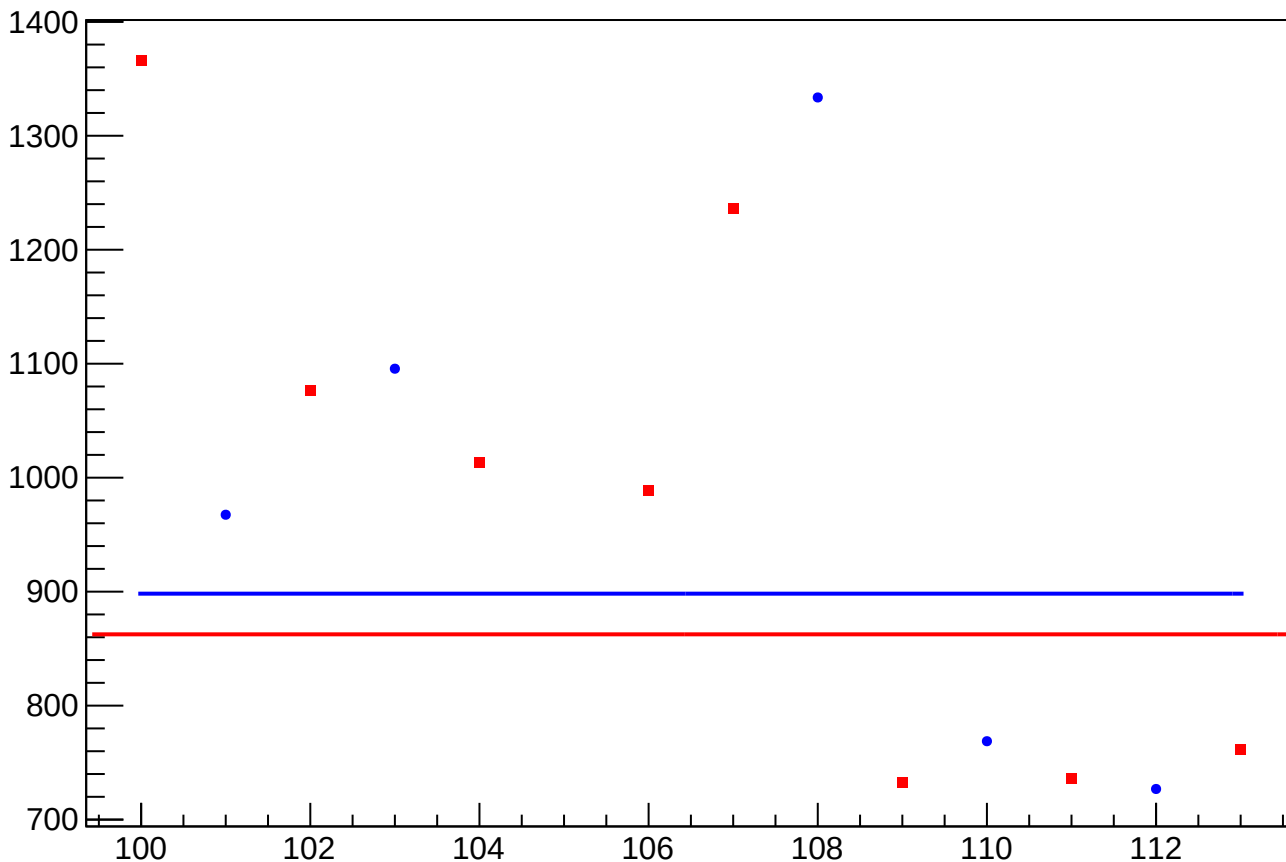
Right: 732.244+/-372.248 χ^2/NDF : 19.3/12

In: 364.747+/-576.492 χ^2/NDF : 9.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 732.244+/-372.248 χ^2/NDF : 19.3/12

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: 862.556+/-0.345 χ^2/NDF : 224190.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

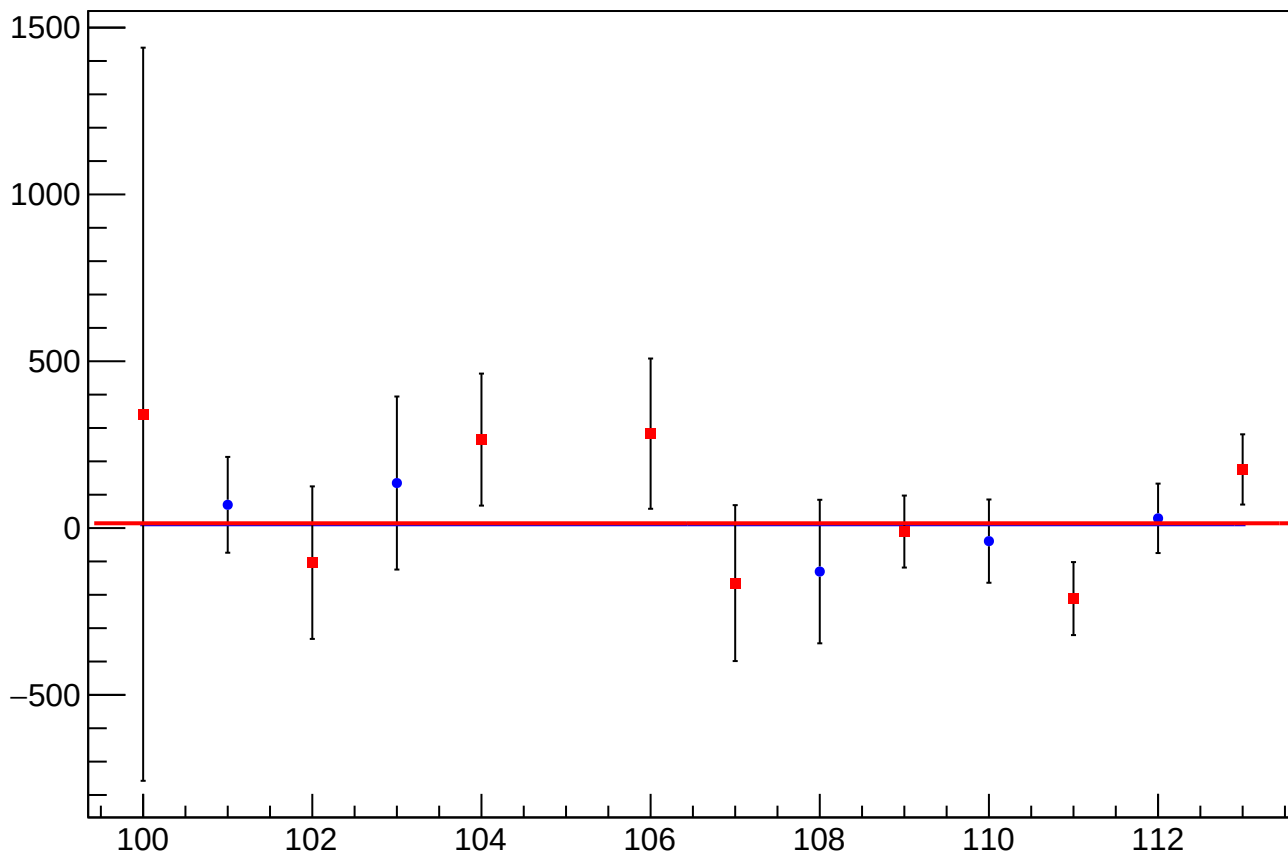
Right: 877.433+/-0.263 χ^2/NDF : 435507.4/12

In: 898.236+/-0.408 χ^2/NDF : 206850.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 877.433+/-0.263 χ^2/NDF : 435507.4/12

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: 14.359+/-53.980 χ^2/NDF : 10.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

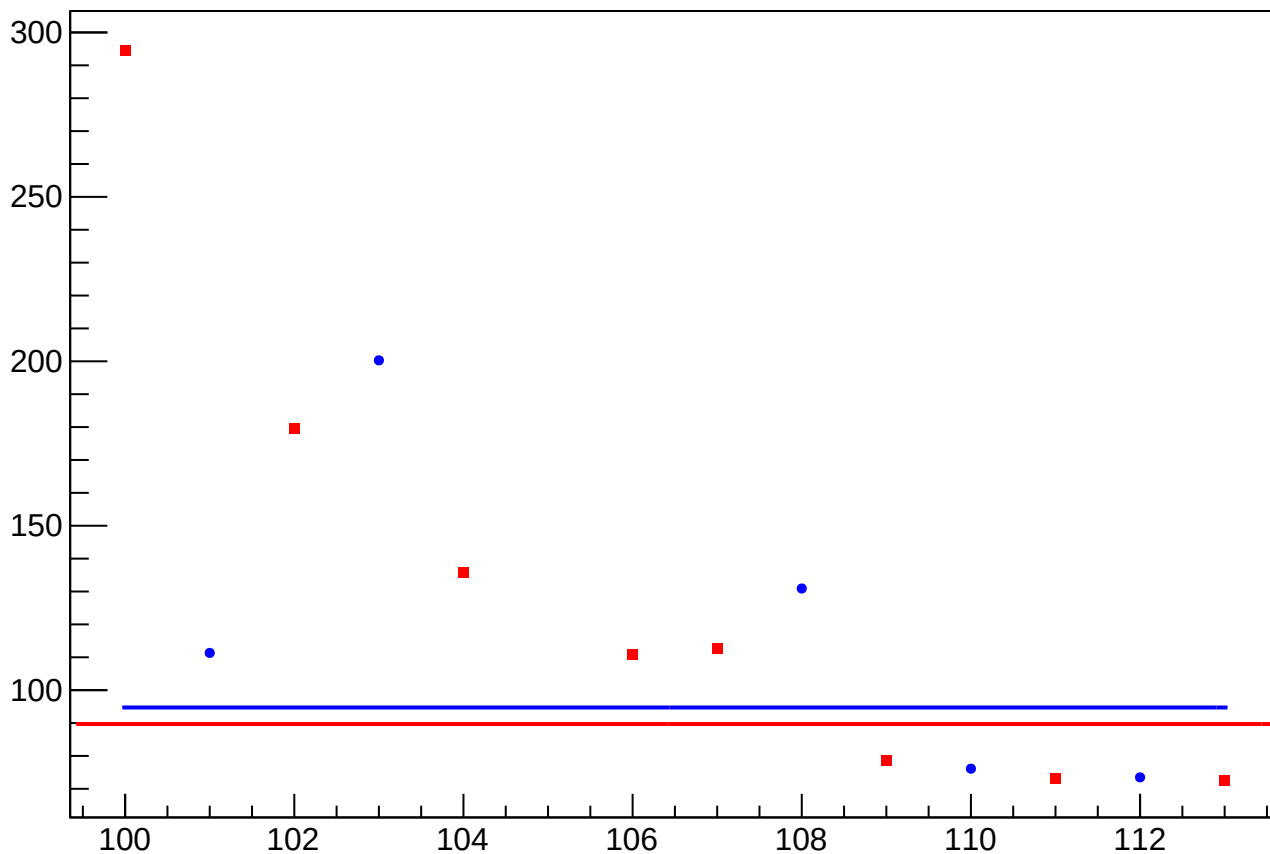
Right: 13.138+/-41.353 χ^2/NDF : 11.7/12

In: 11.404+/-64.340 χ^2/NDF : 1.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.138+/-41.353 χ^2/NDF : 11.7/12

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: 89.703+/-0.038 χ^2/NDF : 645532.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

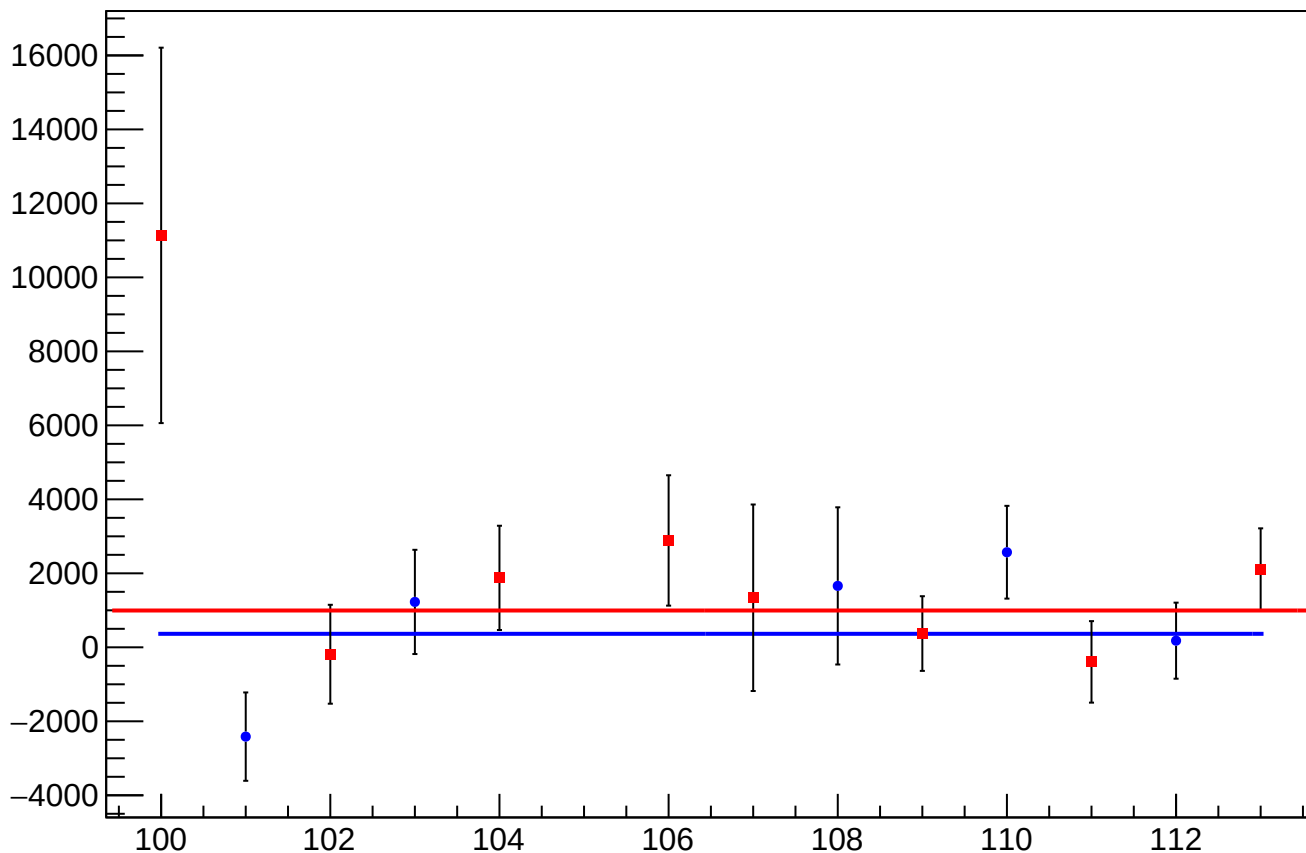
Right: 91.781+/-0.029 χ^2/NDF : 1195168.4/12

In: 94.733+/-0.045 χ^2/NDF : 542461.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.781+/-0.029 χ^2/NDF : 1195168.4/12

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: 995.040+/-487.502 χ^2/NDF : 9.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

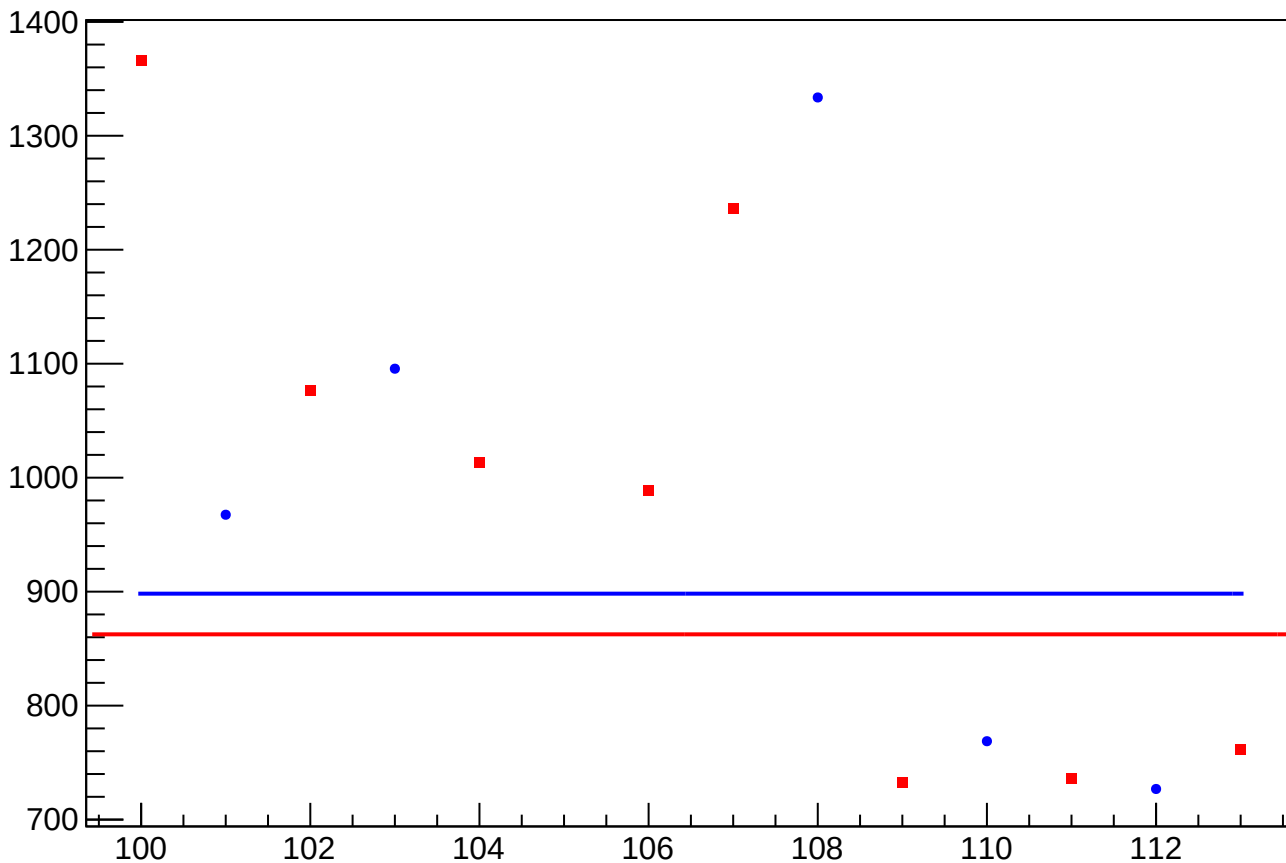
Right: 732.242+/-372.247 χ^2/NDF : 19.3/12

In: 364.746+/-576.491 χ^2/NDF : 9.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 732.242+/-372.247 χ^2/NDF : 19.3/12

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: 862.555+/-0.345 χ^2/NDF : 224190.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

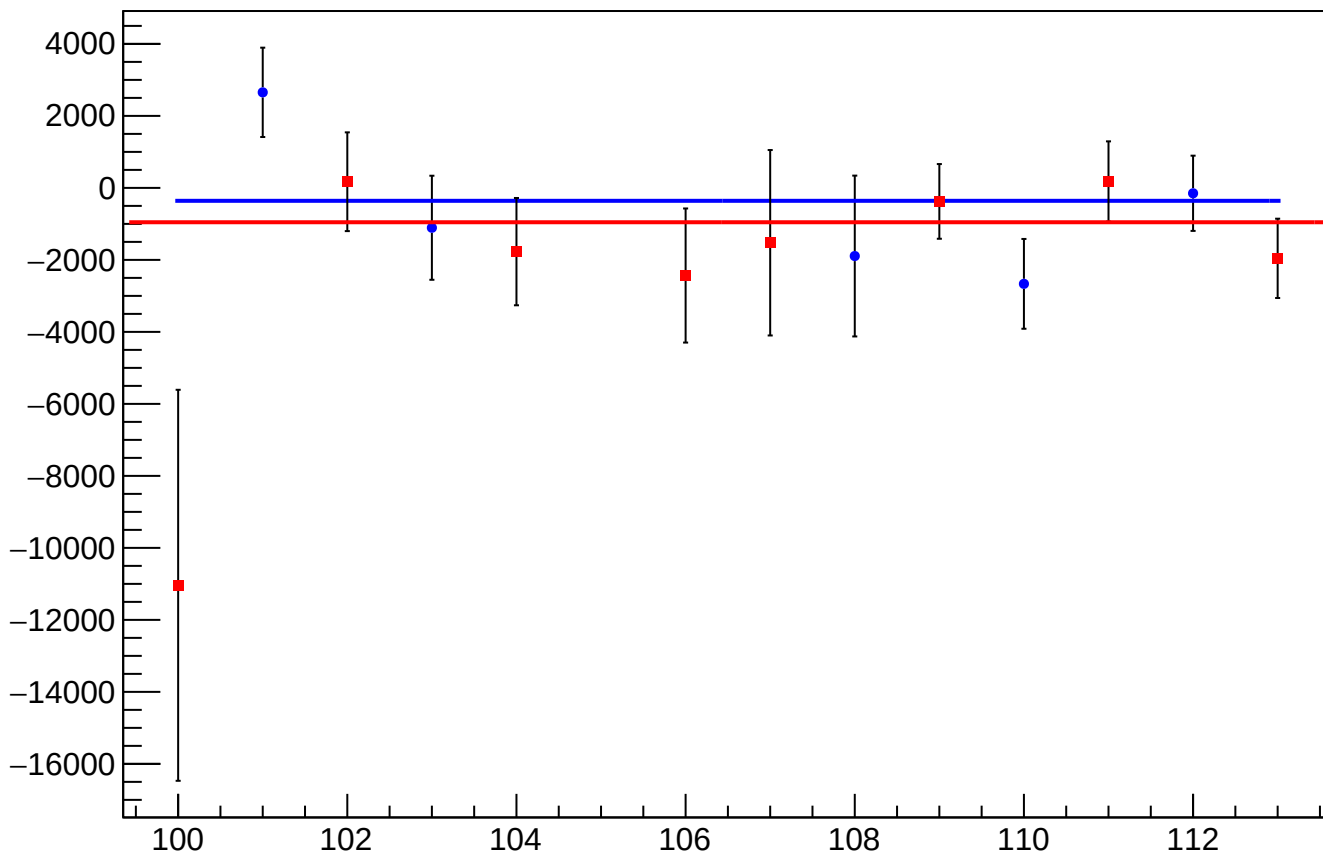
Right: 877.431+/-0.263 χ^2/NDF : 435508.0/12

In: 898.234+/-0.408 χ^2/NDF : 206850.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 877.431+/-0.263 χ^2/NDF : 435508.0/12

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: -954.348+/-499.174 χ^2/NDF : 7.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

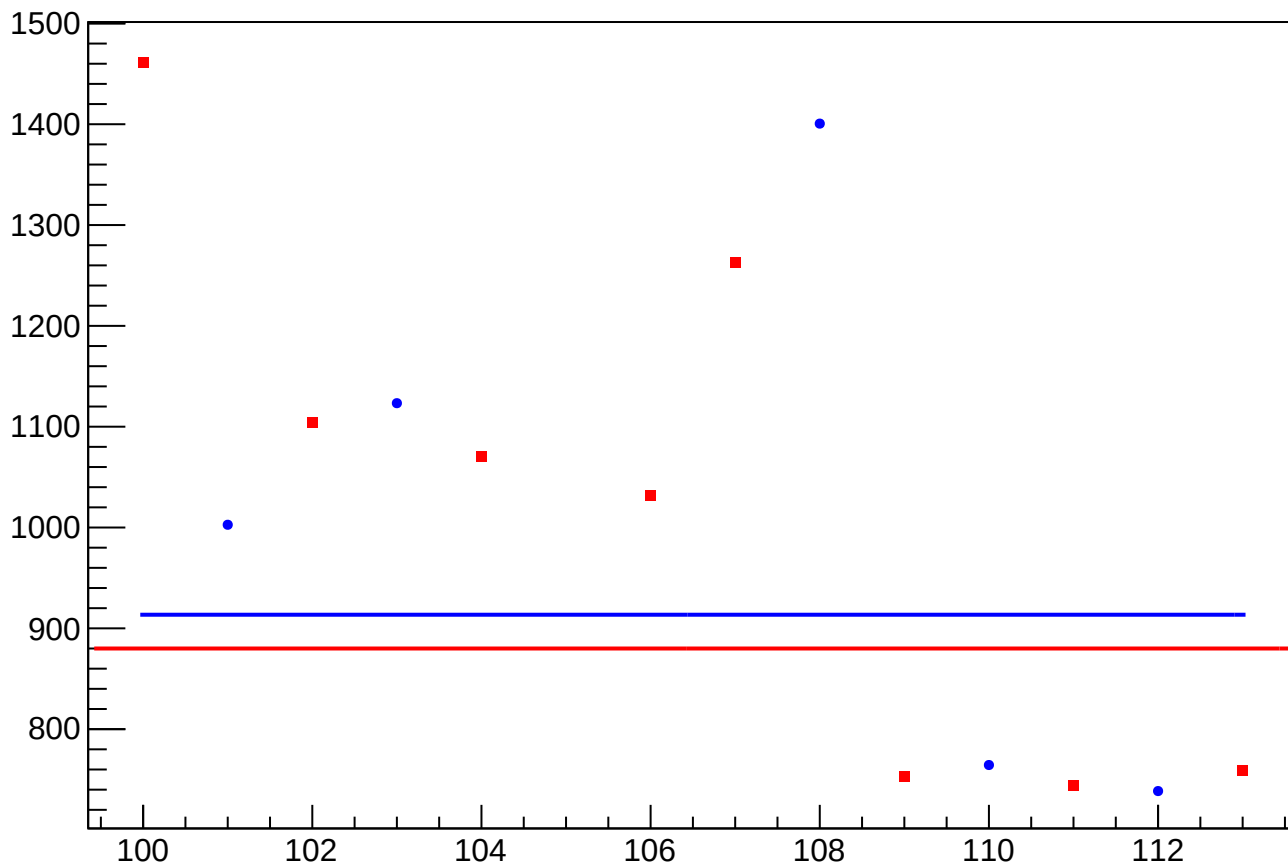
Right: -705.228+/-380.674 χ^2/NDF : 18.0/12

In: -358.977+/-588.496 χ^2/NDF : 10.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -705.228+/-380.674 χ^2/NDF : 18.0/12

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: 880.001+/-0.353 χ^2/NDF : 249809.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

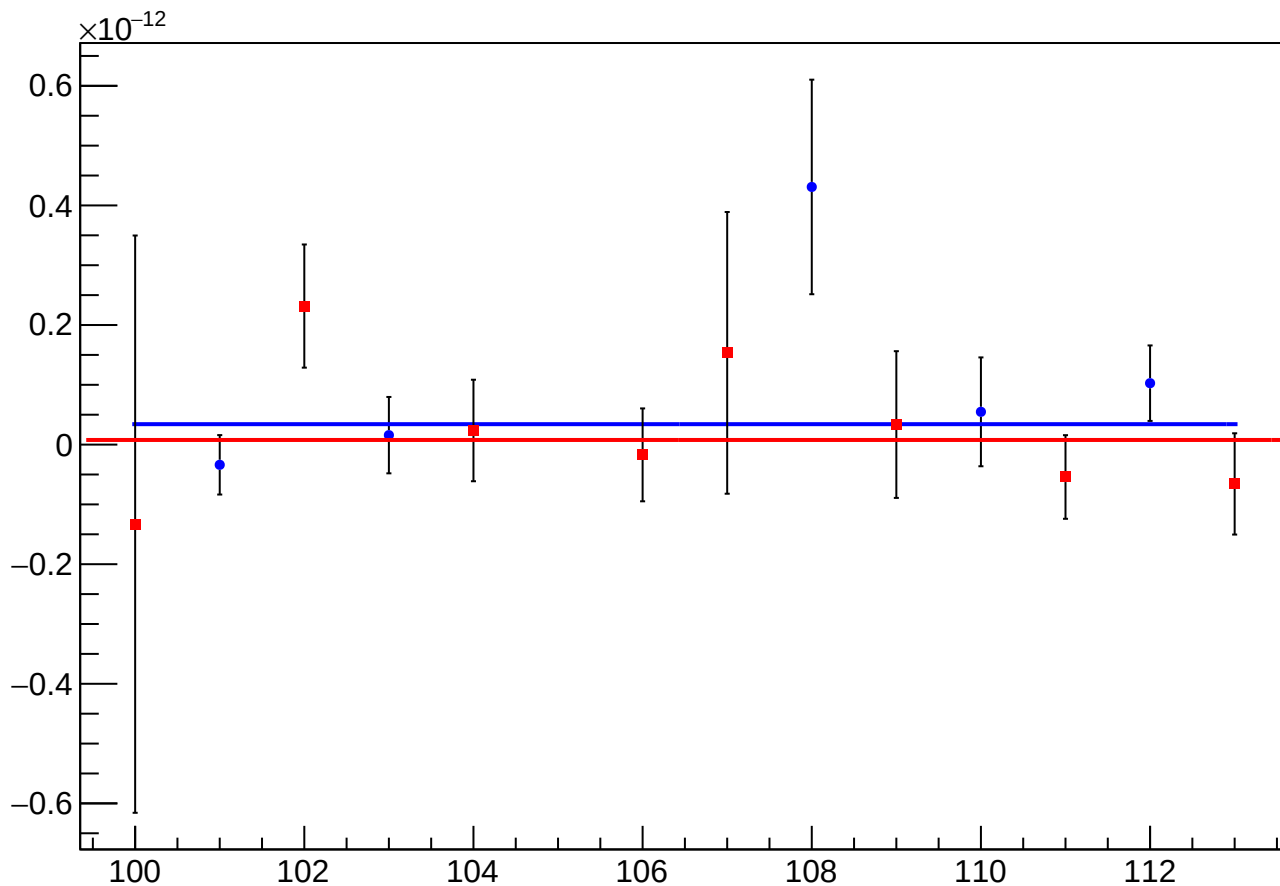
Right: 894.021+/-0.269 χ^2/NDF : 485776.6/12

In: 913.507+/-0.416 χ^2/NDF : 232196.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 894.021+/-0.269 χ^2/NDF : 485776.6/12

asym_sam_3748_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

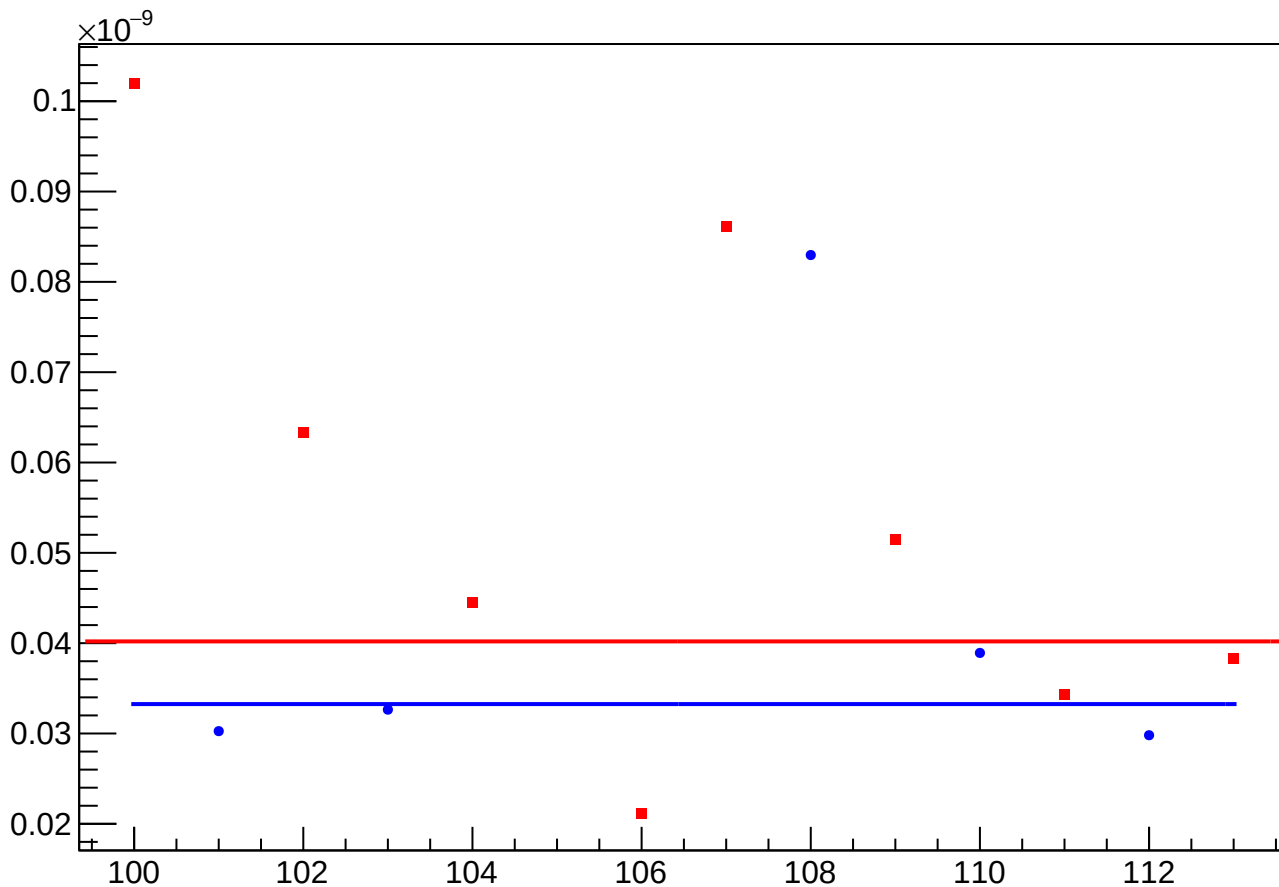
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.3/12

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.3/12

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 : 366596.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

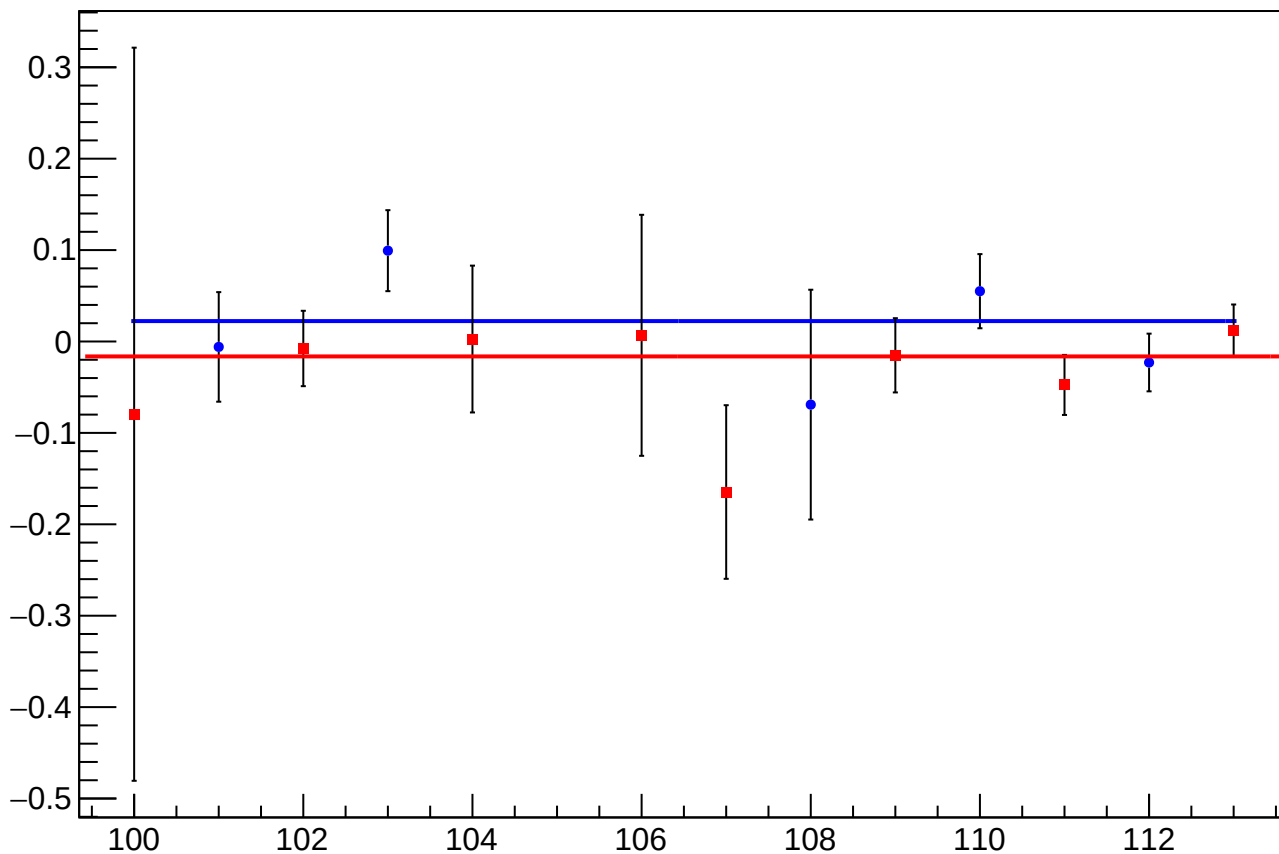
Right: 0.000+/-0.000 χ^2/NDF : 586071.1/12

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 : 586071.1/12

asym_sam_3748_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.020 χ^2/NDF : 6.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.016 χ^2/NDF : 4.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

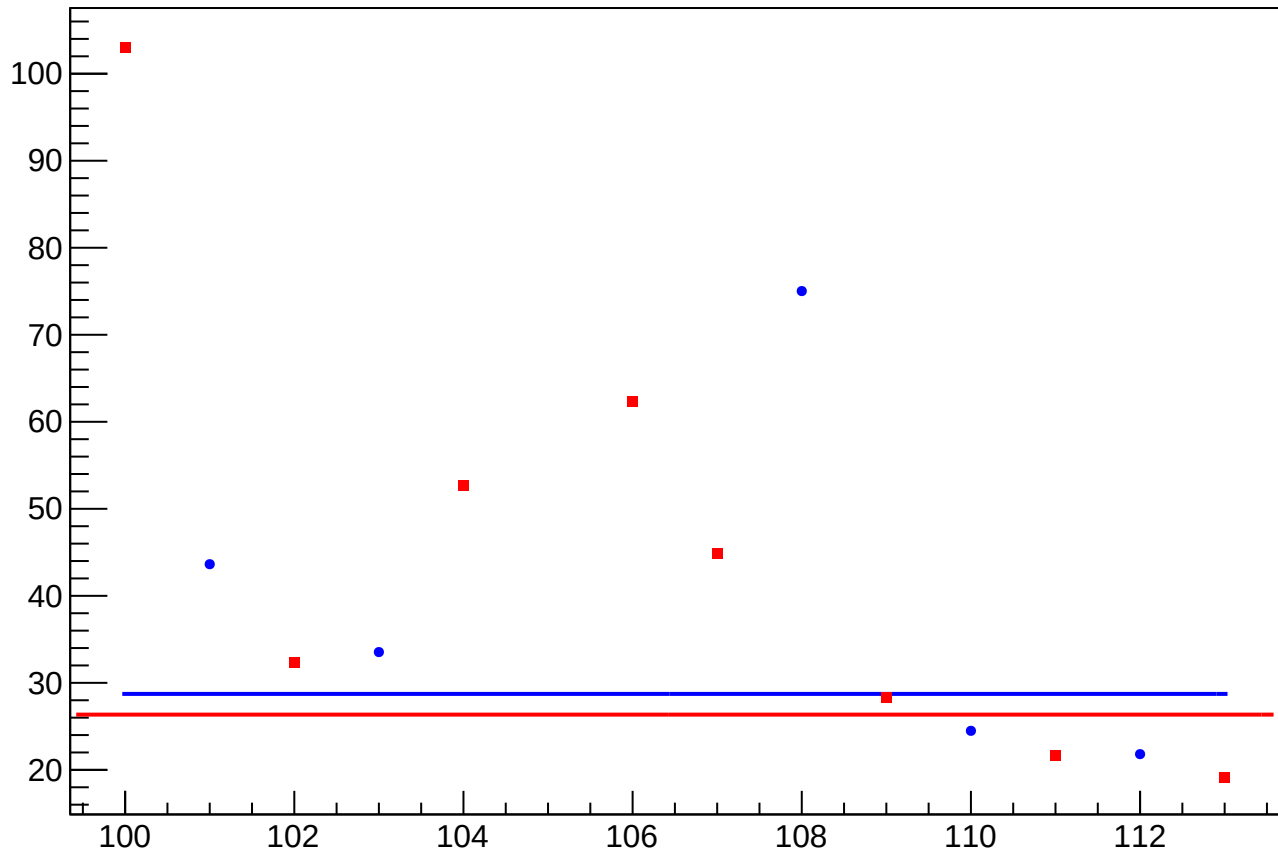
Right: -0.001+/-0.013 χ^2/NDF : 13.2/12

In: 0.022+/-0.020 χ^2/NDF : 6.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.013 χ^2/NDF : 13.2/12

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: 26.349+/-0.012 χ^2/NDF : 731869.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

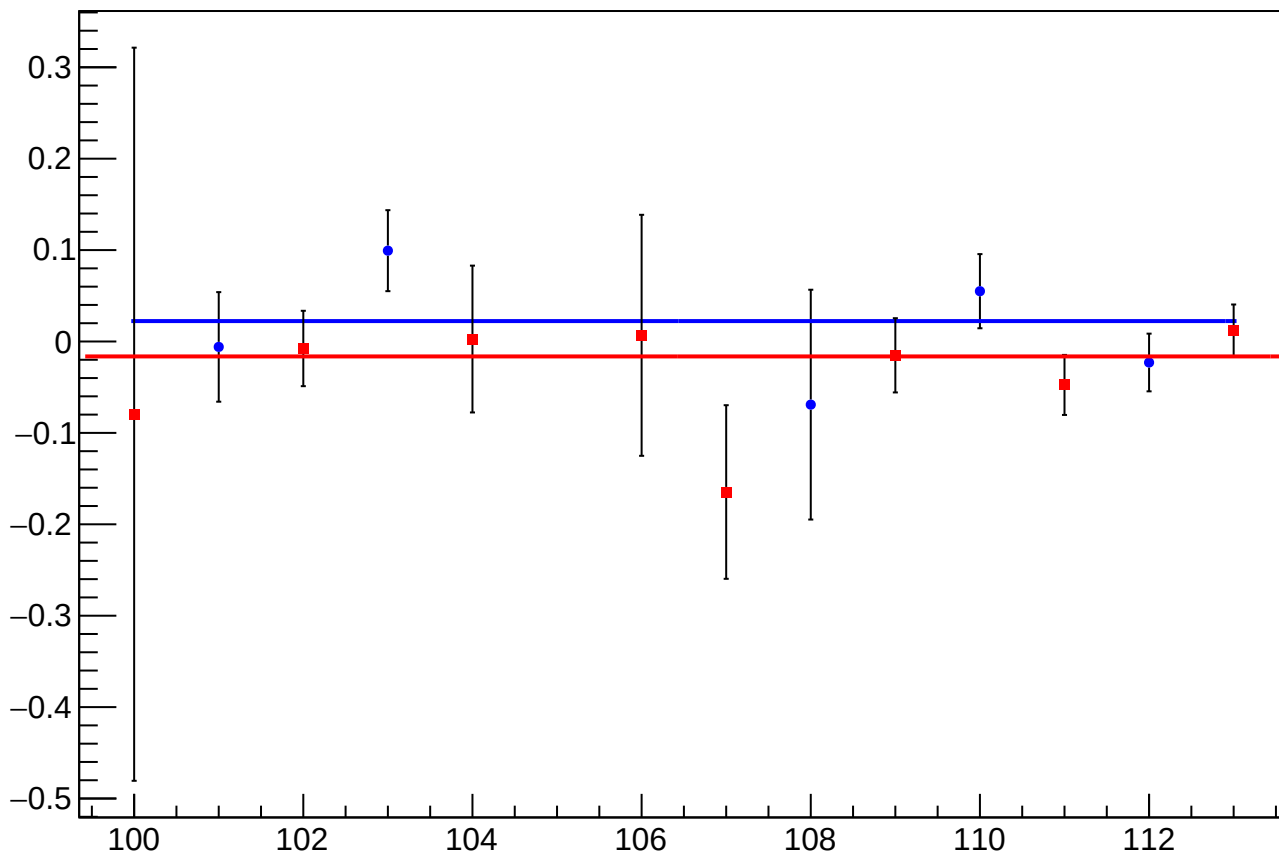
Right: 27.301+/-0.009 χ^2/NDF : 1285141.6/12

In: 28.730+/-0.014 χ^2/NDF : 536508.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.301+/-0.009 χ^2/NDF : 1285141.6/12

asym_sam_3748_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.020 χ^2/NDF : 6.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.016 χ^2/NDF : 4.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

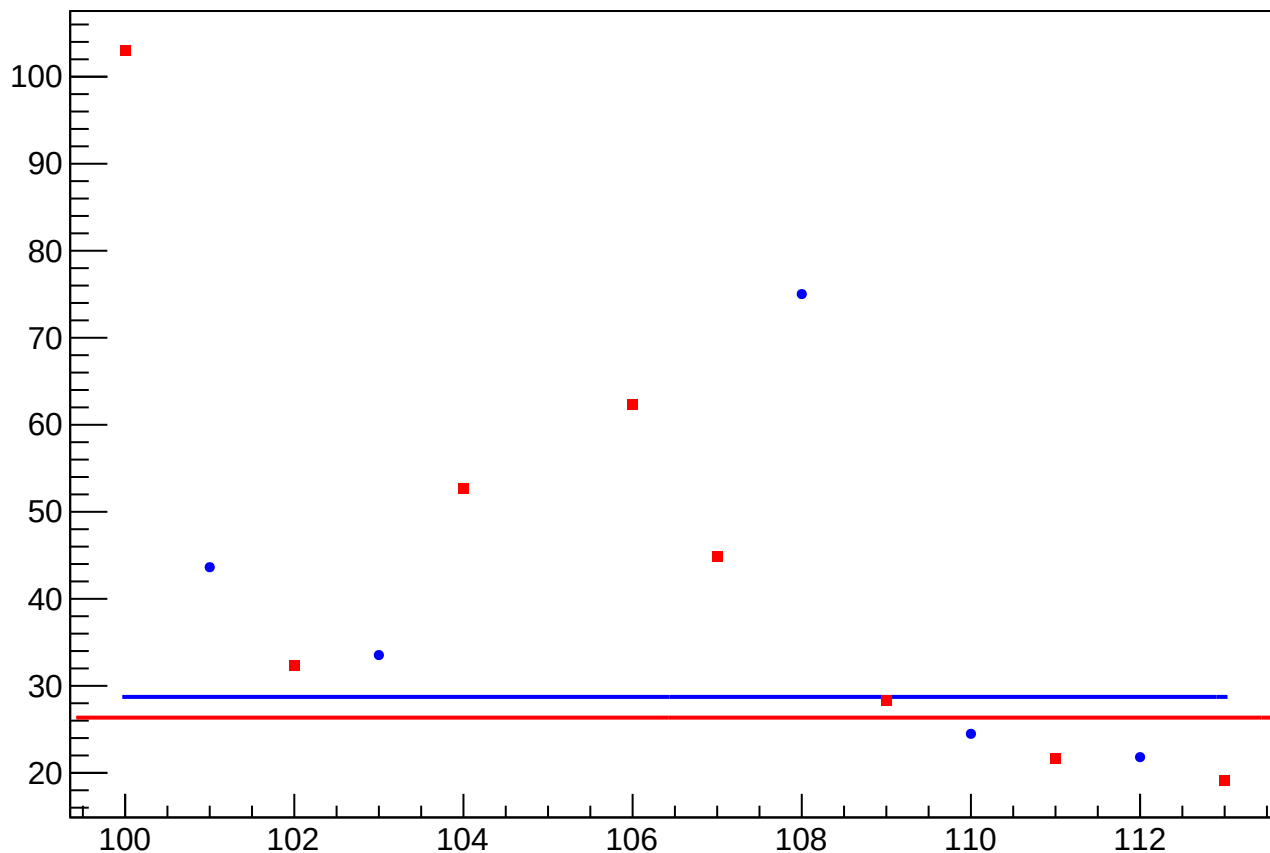
Right: -0.001+/-0.013 χ^2/NDF : 13.2/12

In: 0.022+/-0.020 χ^2/NDF : 6.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.013 χ^2/NDF : 13.2/12

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: 26.349+/-0.012 χ^2/NDF : 731869.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

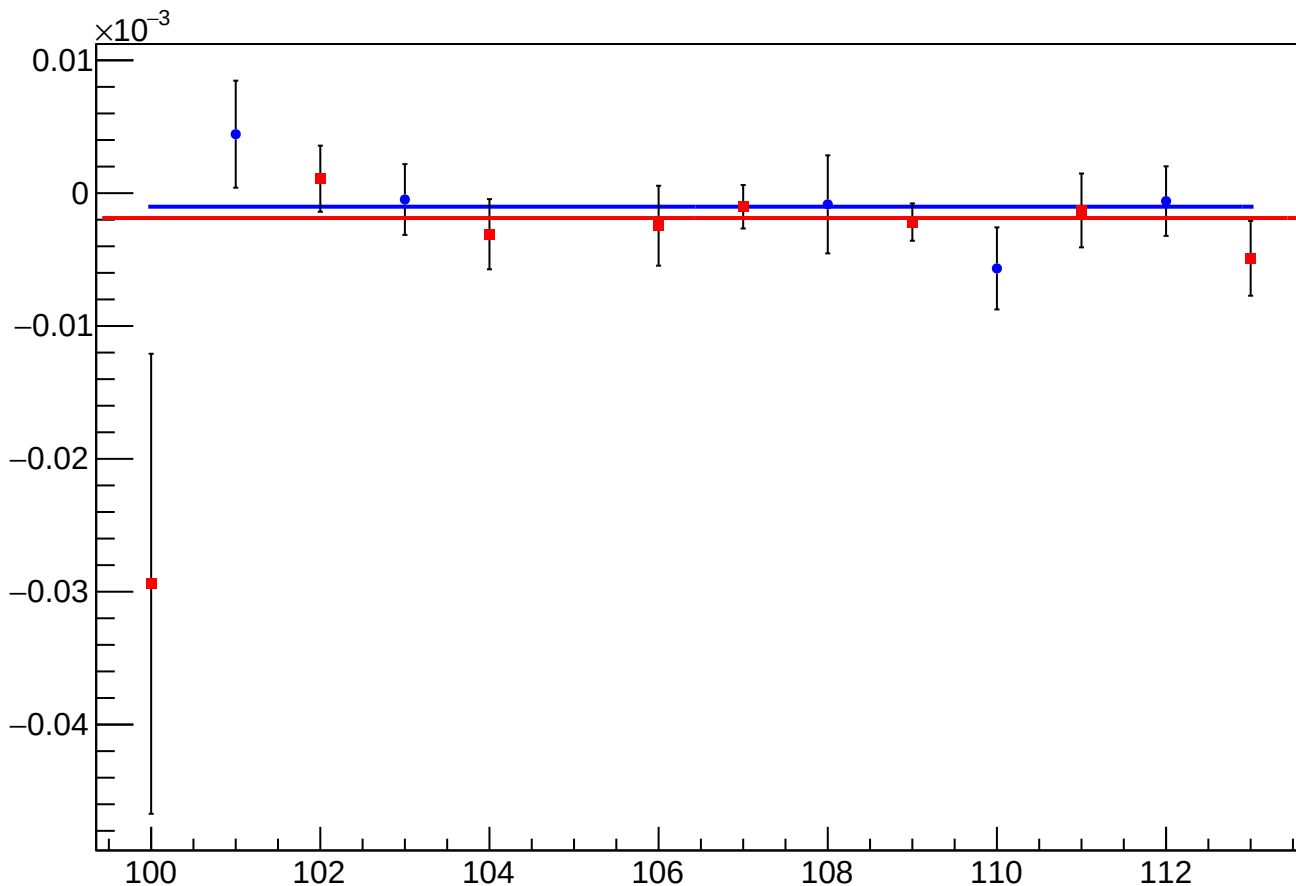
Right: 27.301+/-0.009 χ^2/NDF : 1285141.6/12

In: 28.730+/-0.014 χ^2/NDF : 536508.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.301+/-0.009 χ^2/NDF : 1285141.6/12

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 : 5.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

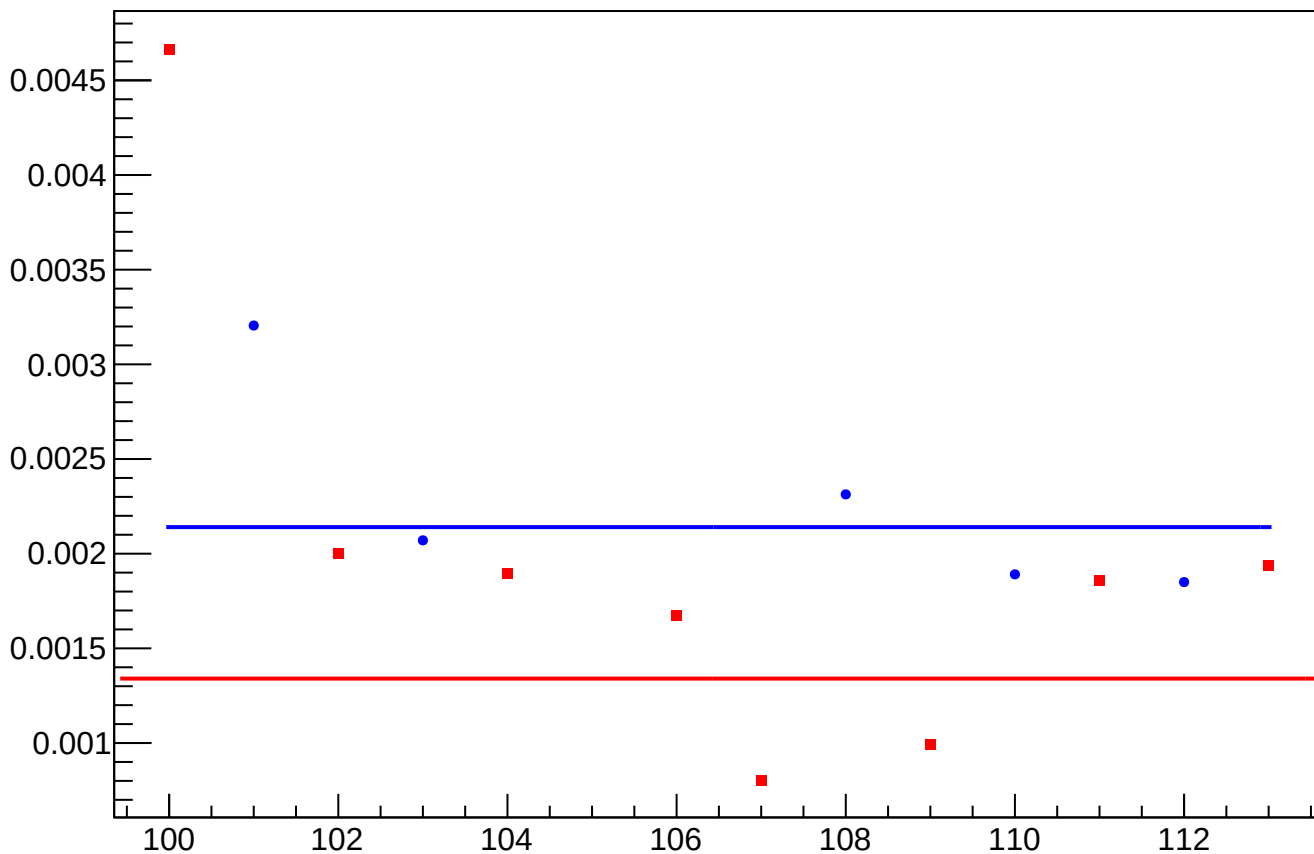
Right: -0.000+/-0.000 χ^2/NDF : 10.2/12

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 : 10.2/12

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 : 827383.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

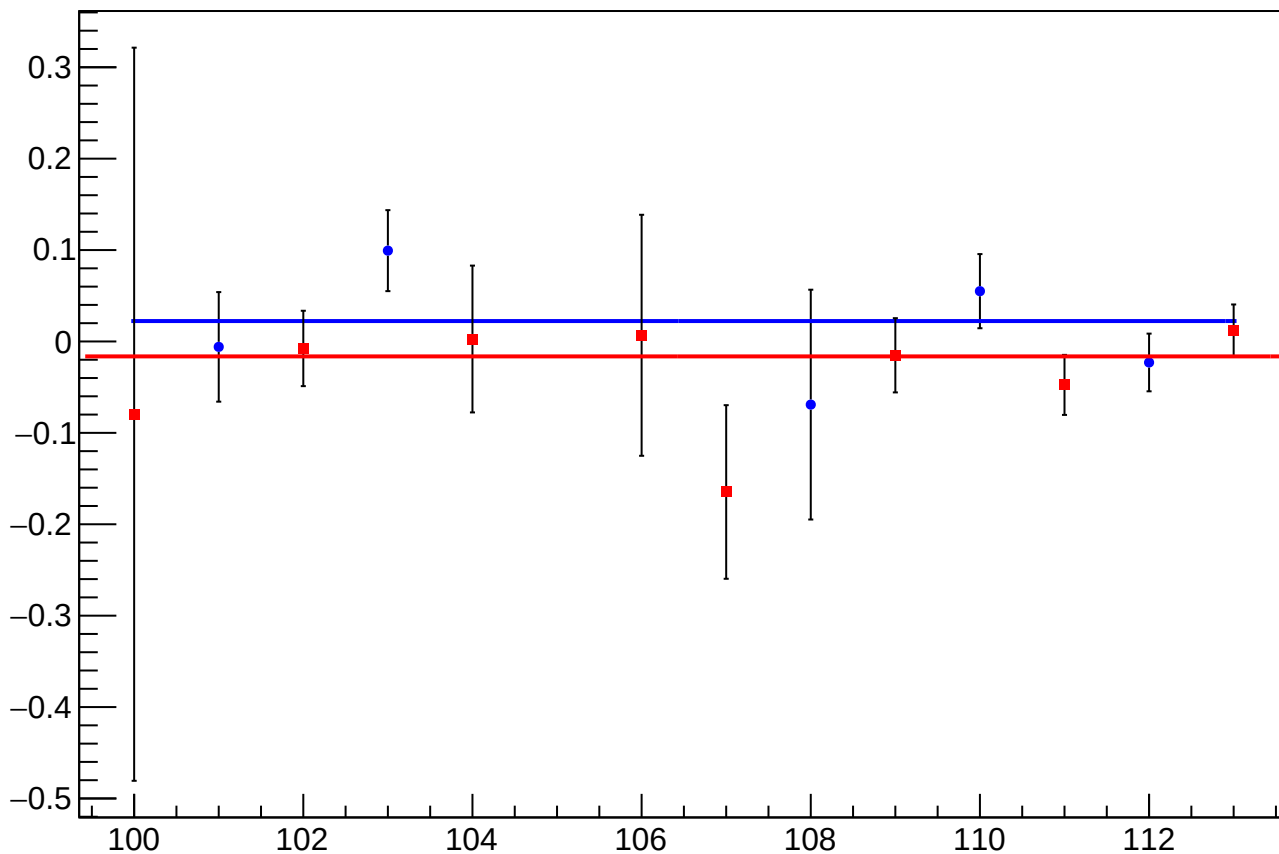
Right: 0.002+/-0.000 χ^2/NDF : 1513950.9/12

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 : 1513950.9/12

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: -0.016 $\pm$ 0.016 χ^2 /NDF: 4.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

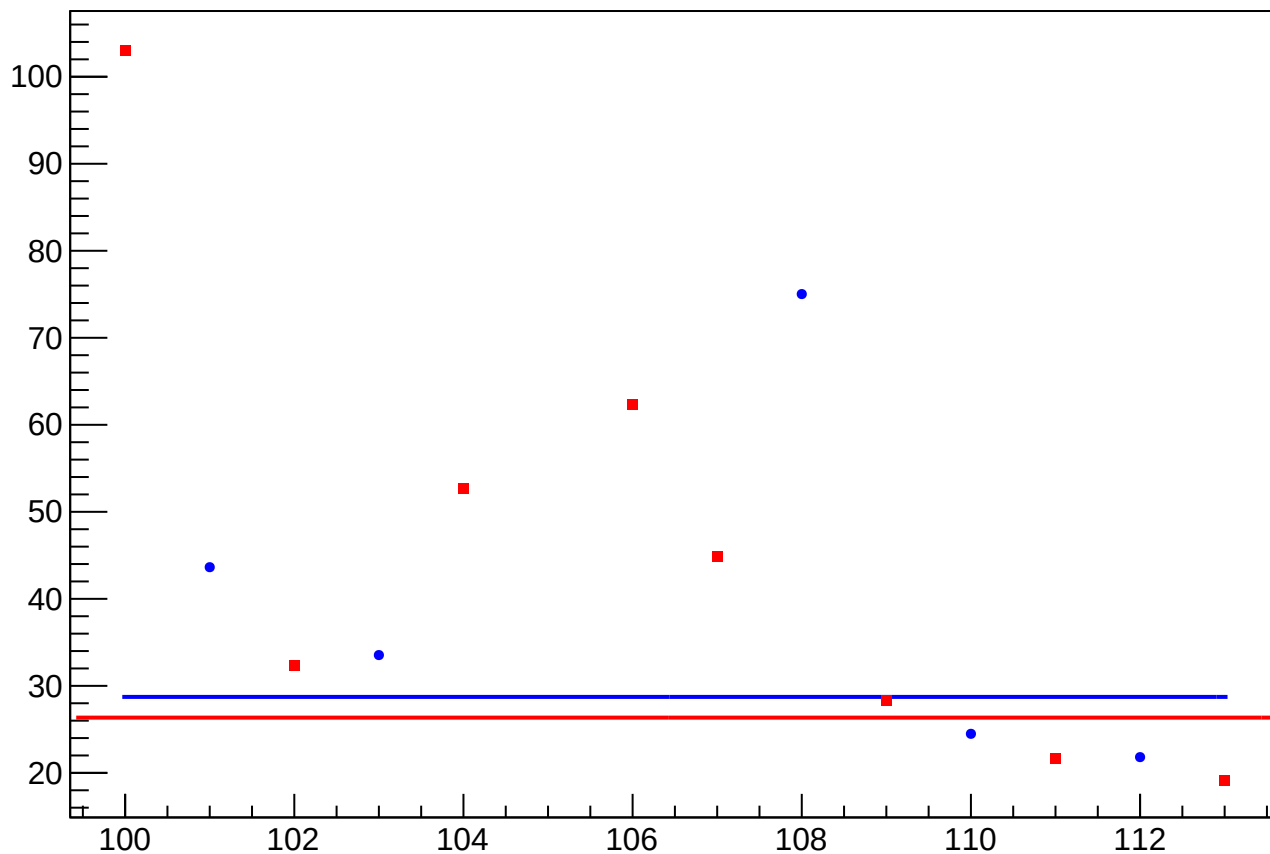
Right: -0.001 $\pm$ 0.013 χ^2 /NDF: 13.2/12

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: -0.001 $\pm$ 0.013 χ^2 /NDF: 13.2/12

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: 26.350+/-0.012 χ^2/NDF : 731873.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

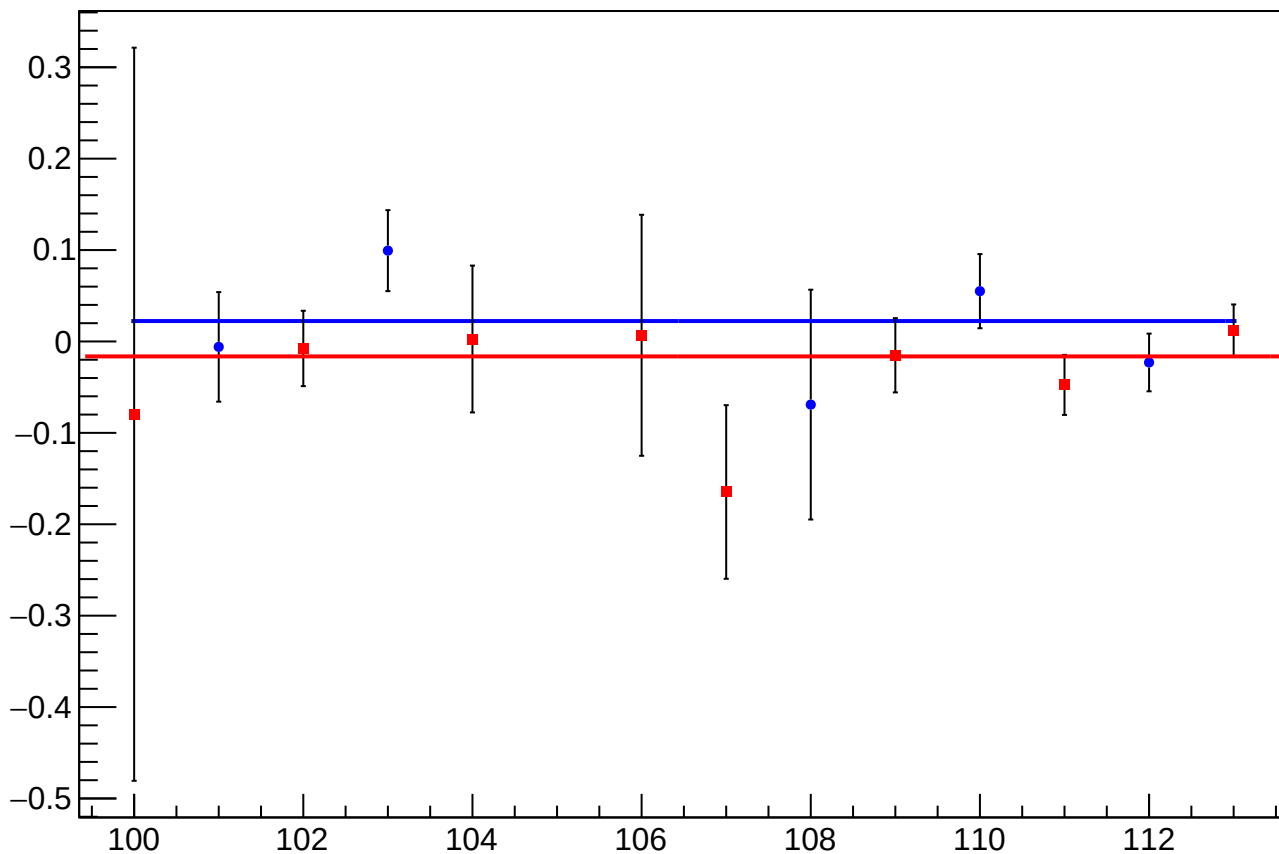
Right: 27.301+/-0.009 χ^2/NDF : 1285155.0/12

In: 28.731+/-0.014 χ^2/NDF : 536517.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.301+/-0.009 χ^2/NDF : 1285155.0/12

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: -0.016 $\pm$ 0.016 χ^2 /NDF: 4.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

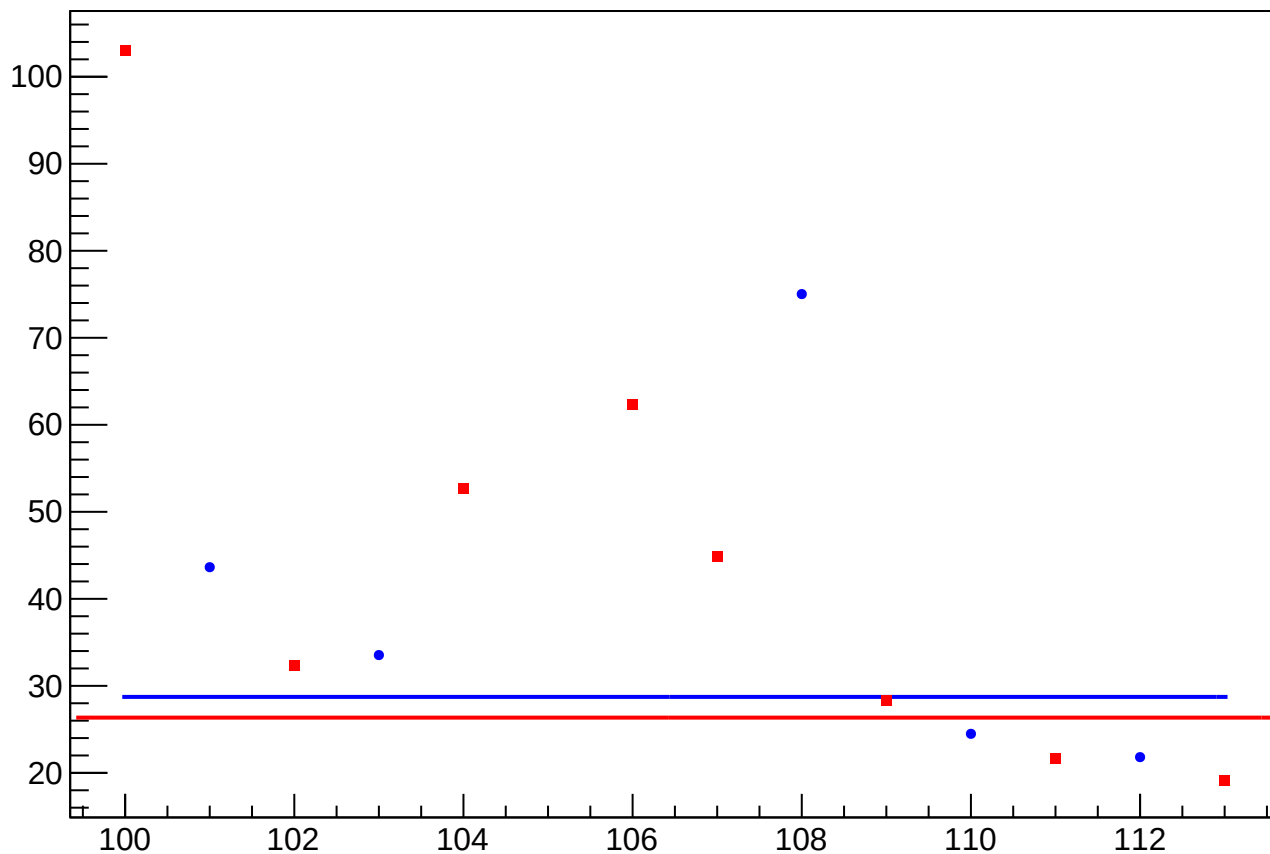
Right: -0.001 $\pm$ 0.013 χ^2 /NDF: 13.2/12

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: -0.001 $\pm$ 0.013 χ^2 /NDF: 13.2/12

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: 26.350+/-0.012 χ^2/NDF : 731873.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

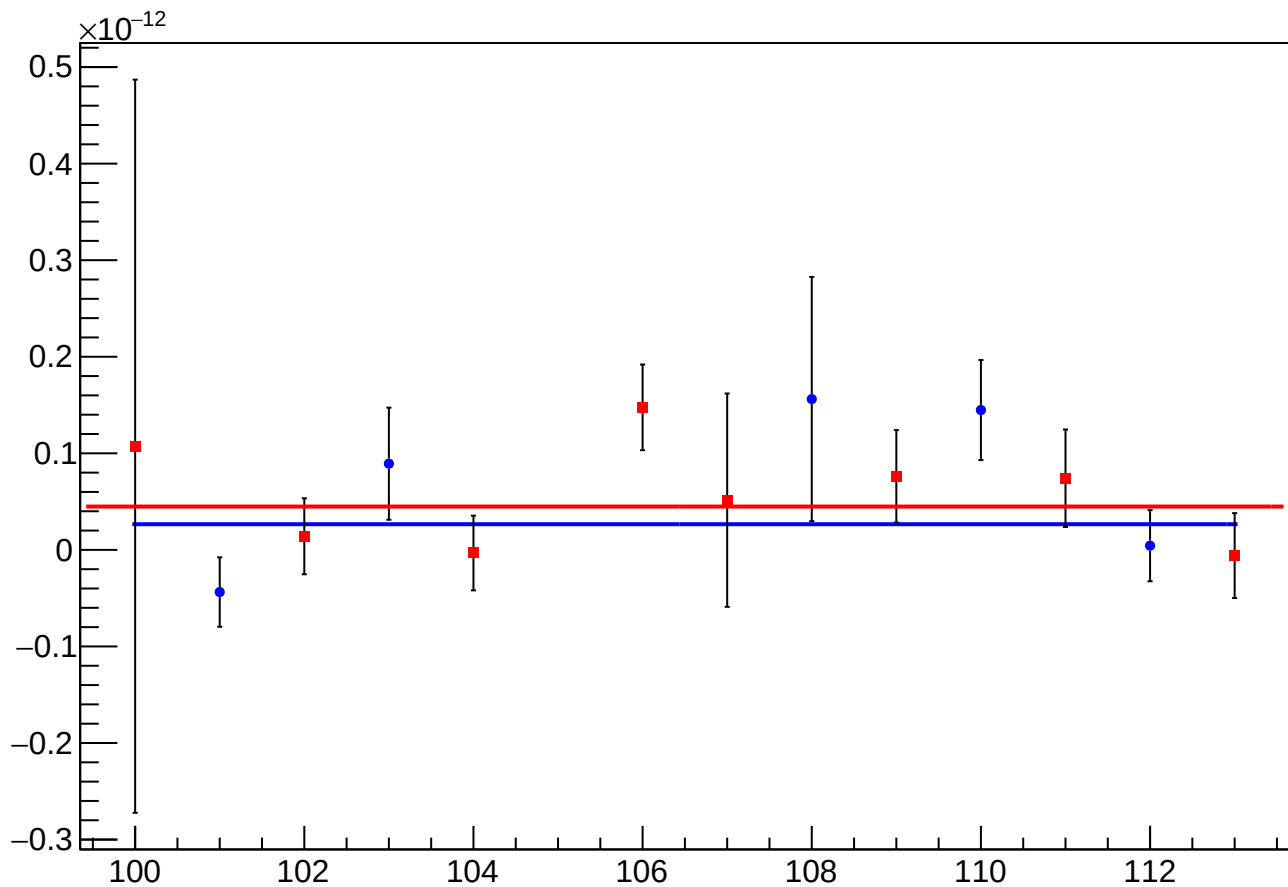
Right: 27.301+/-0.009 χ^2/NDF : 1285155.0/12

In: 28.731+/-0.014 χ^2/NDF : 536517.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.301+/-0.009 χ^2/NDF : 1285155.0/12

asym_sam_3748_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

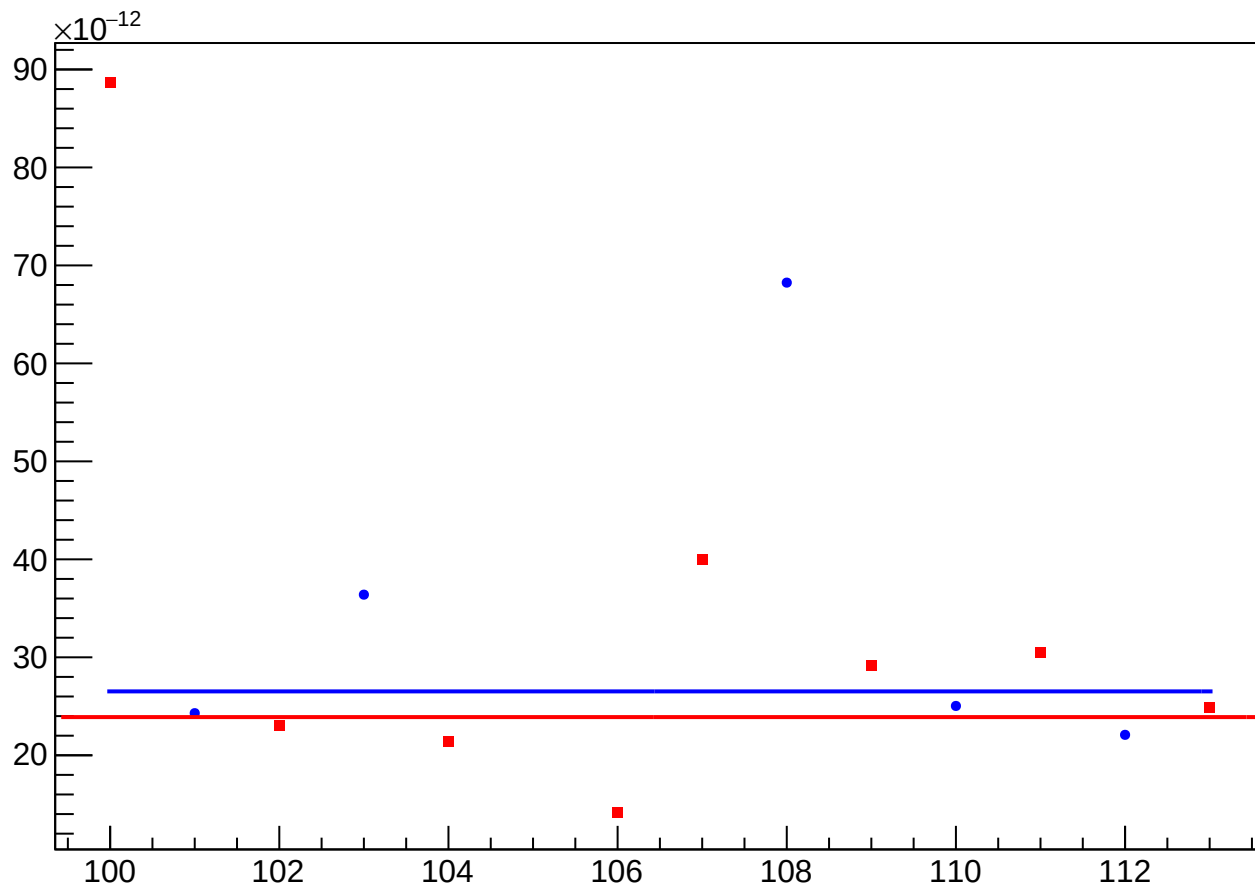
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 21.7/12

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 21.7/12

asym_sam_3748_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 313697.8/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 266573.2/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

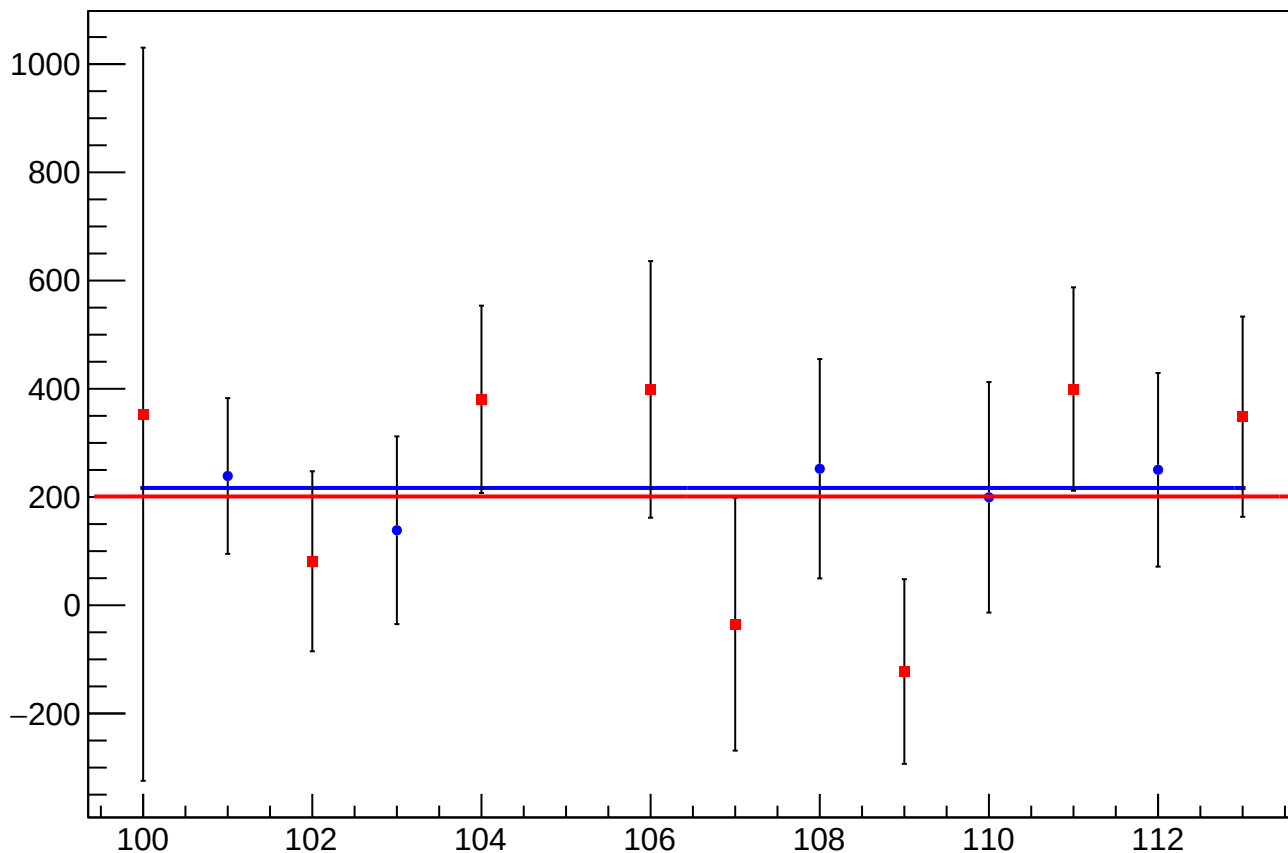
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 598549.0/12$

In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 313697.8/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.000 ± 0.000 $\chi^2/\text{NDF}: 598549.0/12$

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: 201.042 $\pm$ -70.760 χ^2 /NDF: 8.7/7

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

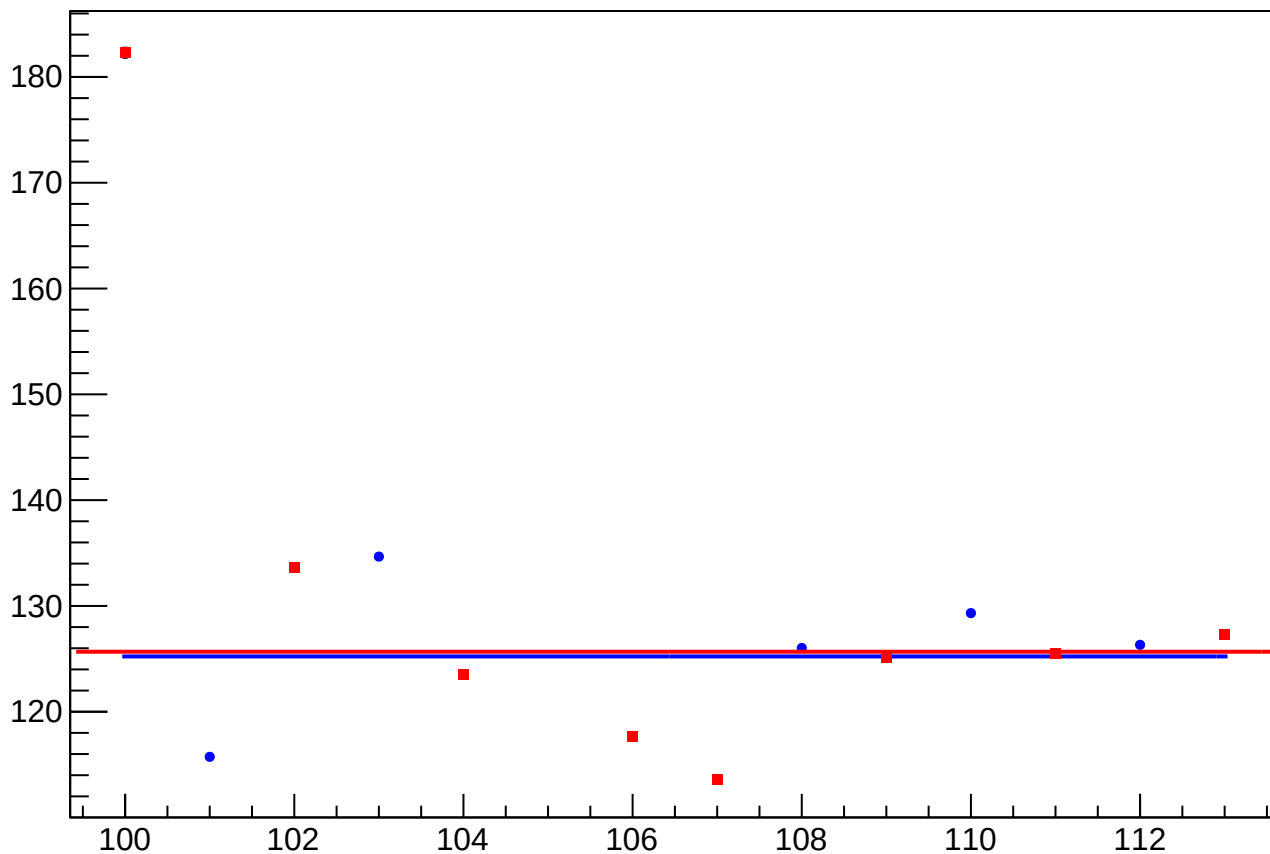
Right: 208.013 $\pm$ -52.788 χ^2 /NDF: 9.0/12

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: 208.013 $\pm$ -52.788 χ^2 /NDF: 9.0/12

reg_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 125.225 $\pm$ 0.056 χ^2 /NDF: 15460.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 125.671 $\pm$ 0.050 χ^2 /NDF: 26623.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

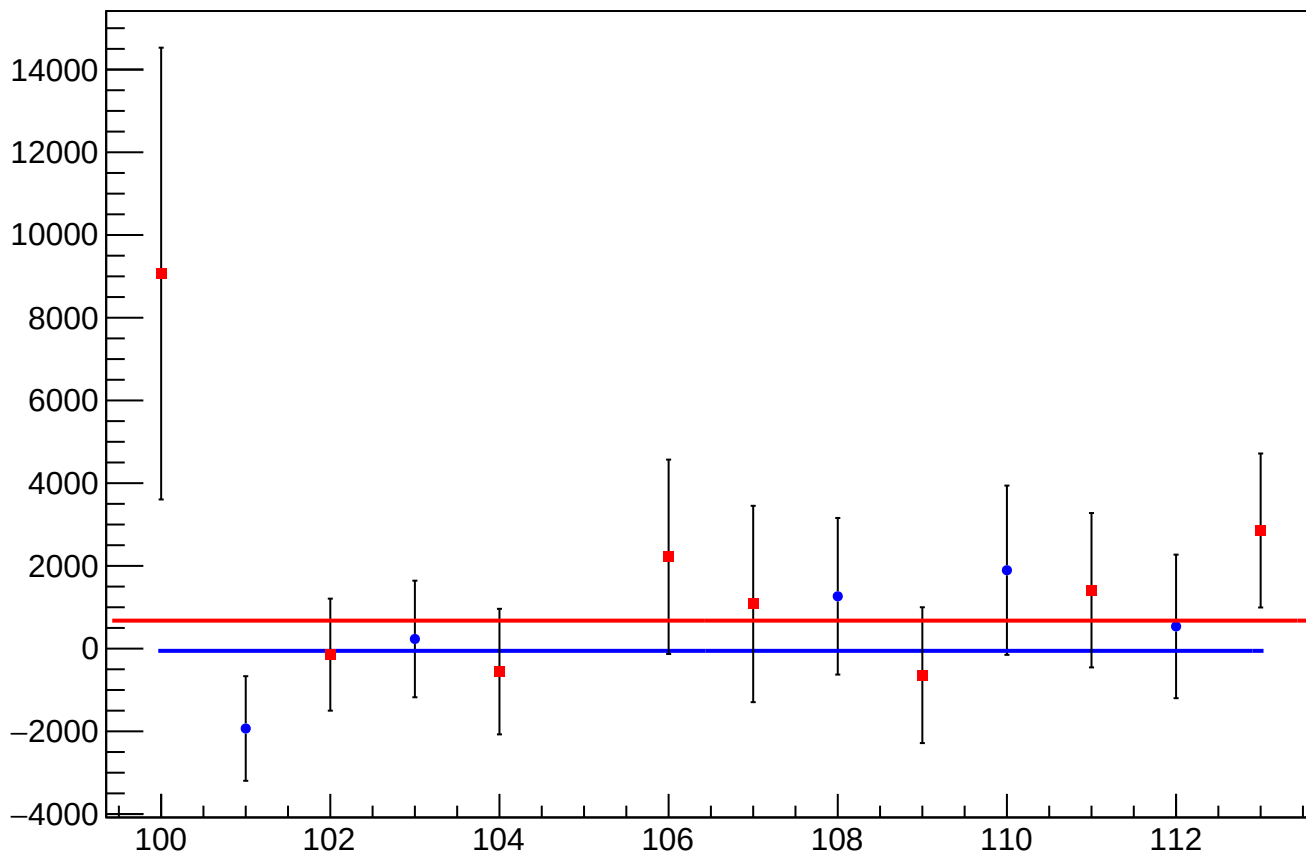
Right: 125.473 $\pm$ 0.037 χ^2 /NDF: 42119.2/12

In: 125.225 $\pm$ 0.056 χ^2 /NDF:15460.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 125.473 $\pm$ 0.037 χ^2 /NDF: 42119.2/12

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: 676.570 ± 656.779 χ^2/NDF : 6.0/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

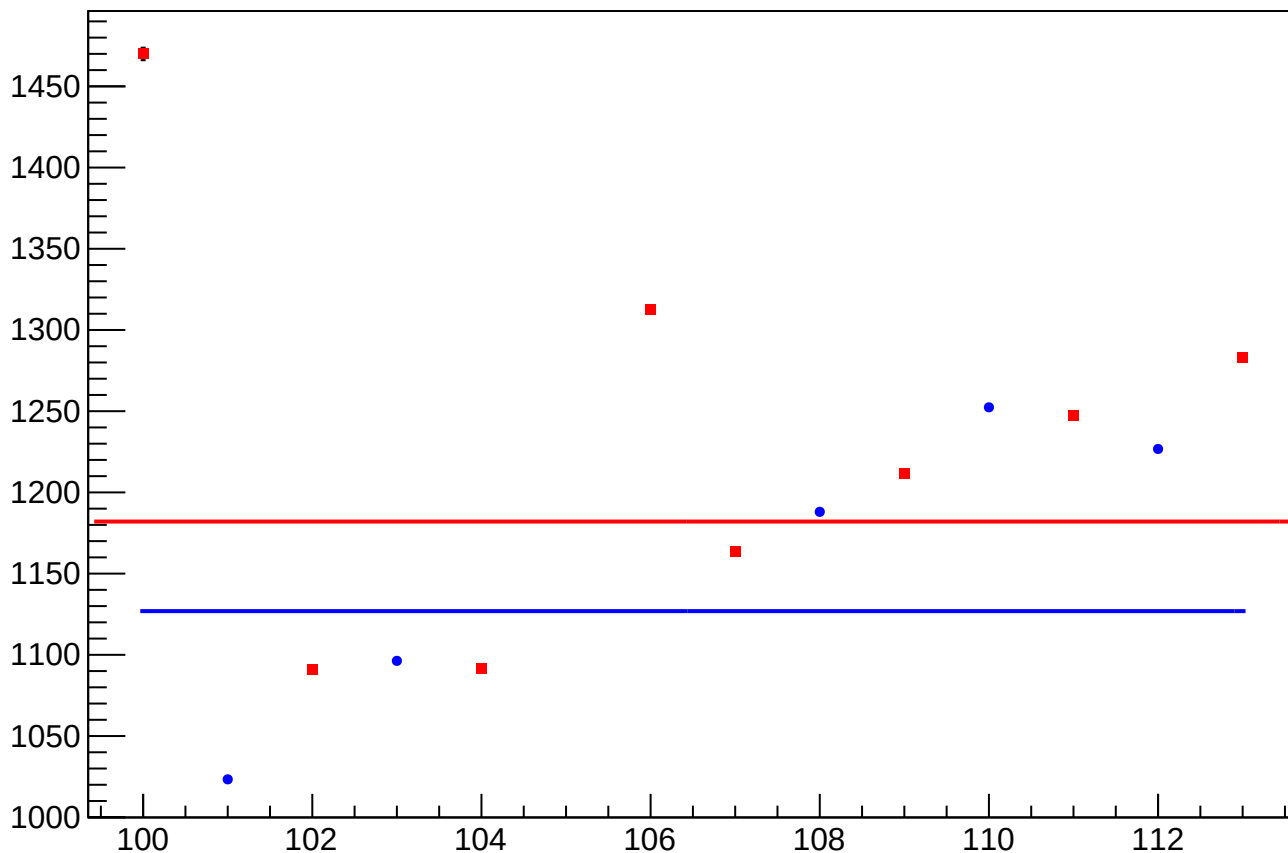
Right: 340.215 ± 482.403 χ^2/NDF : 10.3/12

In: -53.825 ± 710.870 χ^2/NDF : 3.8/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 340.215 ± 482.403 χ^2/NDF : 10.3/12

asym_sam_1526_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1126.906+/-0.503 χ^2/NDF : 30593.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1182.057+/-0.464 χ^2/NDF : 36970.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

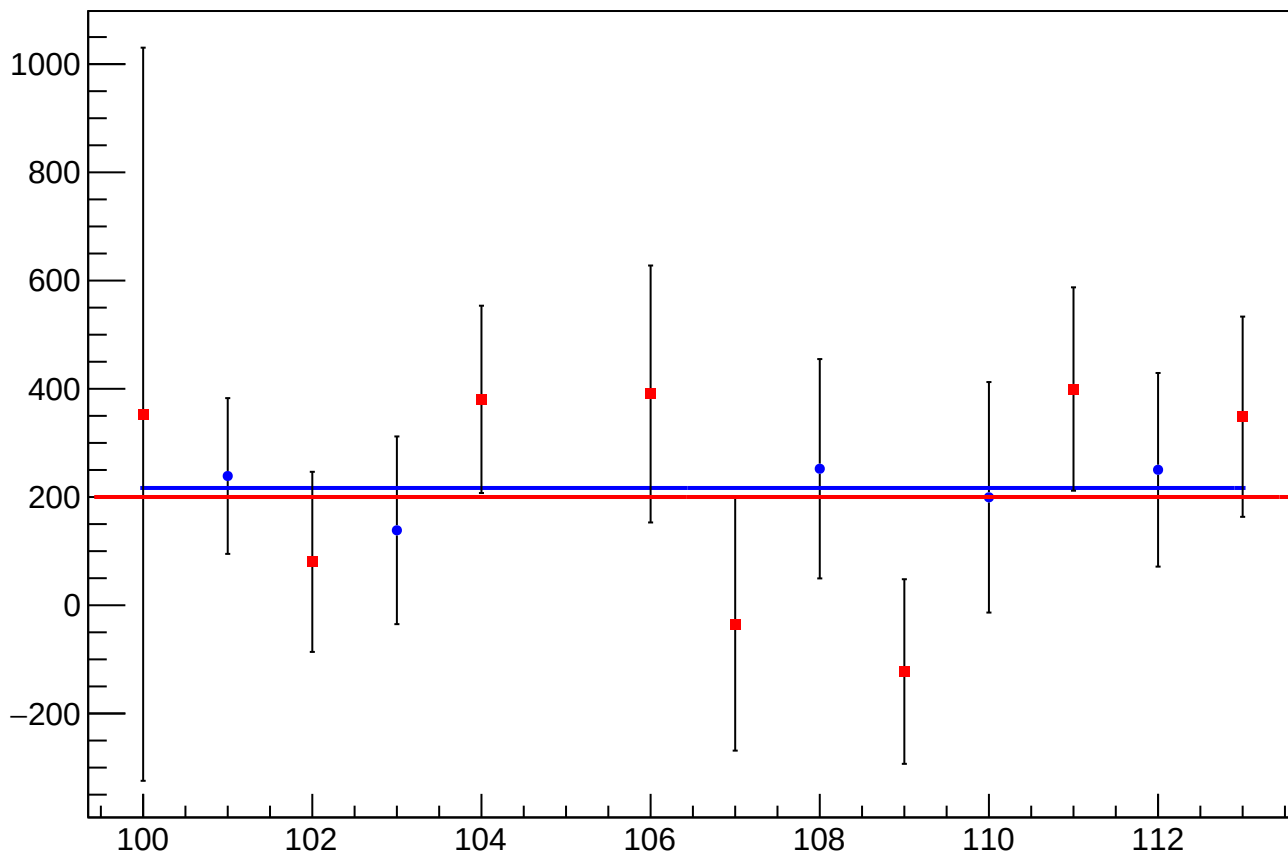
Right: 1156.659+/-0.341 χ^2/NDF : 74058.3/12

In: 1126.906+/-0.503 χ^2/NDF : 30593.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1156.659+/-0.341 χ^2/NDF : 74058.3/12

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: 200.072 $\pm$ 70.774 χ^2 /NDF: 8.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

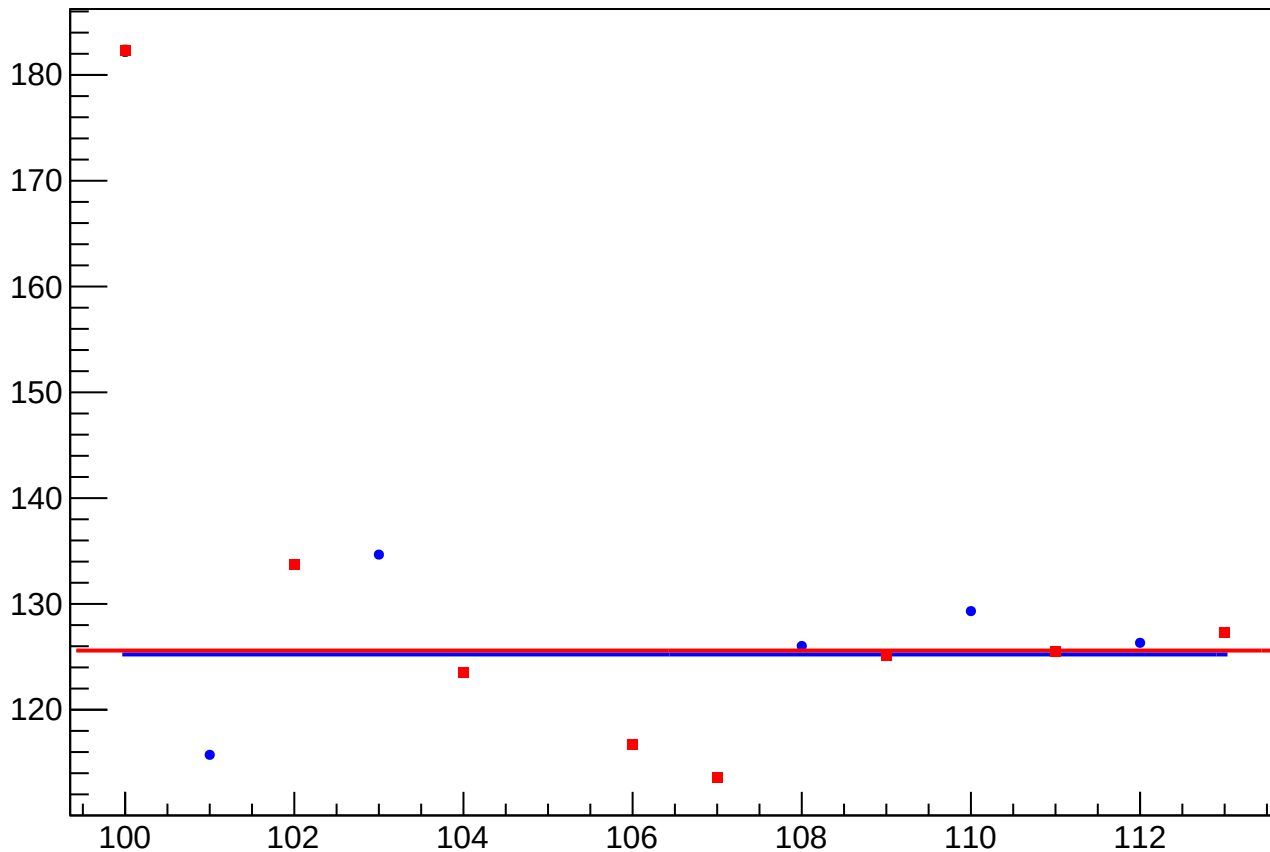
Right: 207.471 $\pm$ 52.793 χ^2 /NDF: 9.0/12

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: 207.471 $\pm$ 52.793 χ^2 /NDF: 9.0/12

cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 125.225 $\pm$ 0.056 χ^2 /NDF: 15461.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 125.594 $\pm$ 0.050 χ^2 /NDF: 27303.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

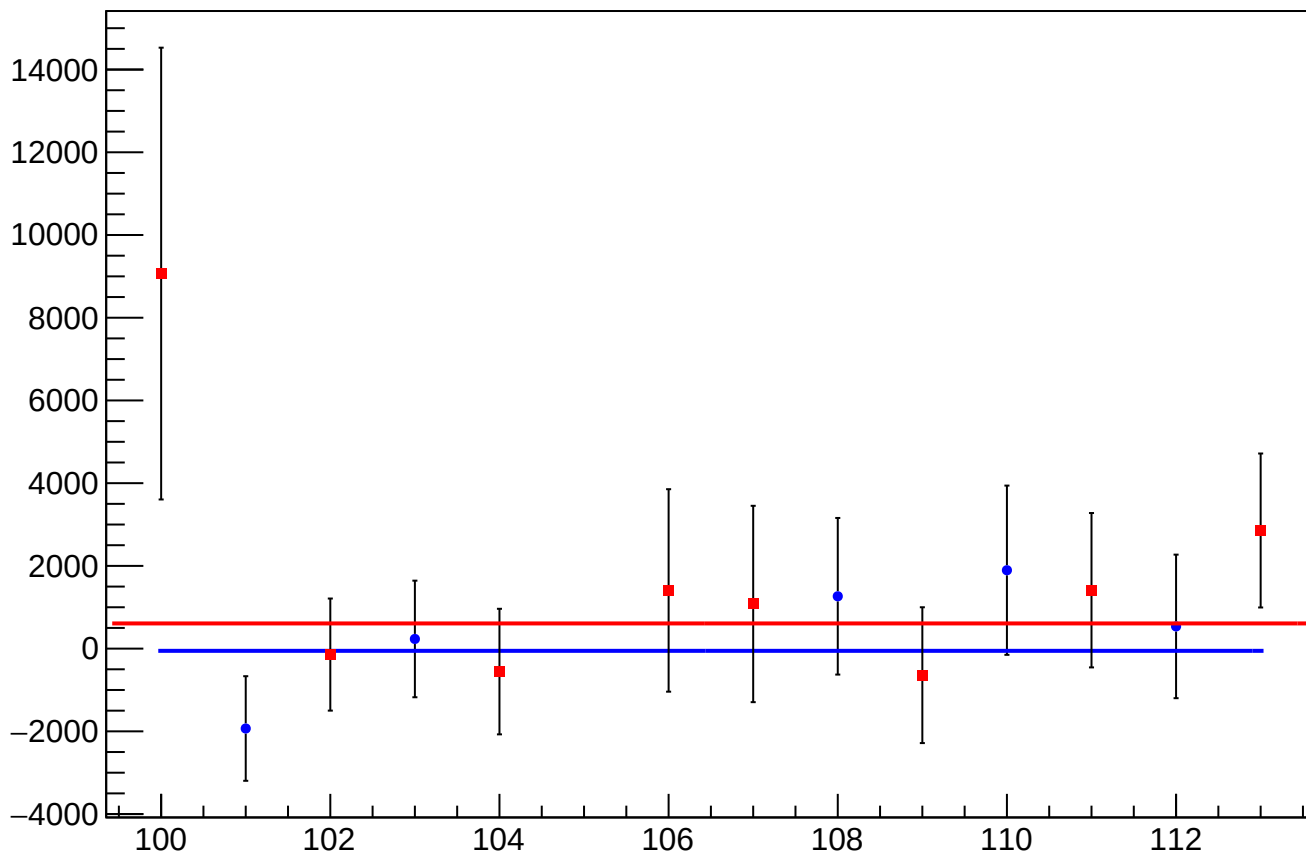
Right: 125.431 $\pm$ 0.037 χ^2 /NDF: 42788.3/12

In: 125.225 $\pm$ 0.056 χ^2 /NDF:15461.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 125.431 $\pm$ 0.037 χ^2 /NDF: 42788.3/12

asym_sam_1526_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -53.664 $\pm$ 710.880 χ^2 /NDF: 3.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 608.938 $\pm$ 658.916 χ^2 /NDF: 5.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

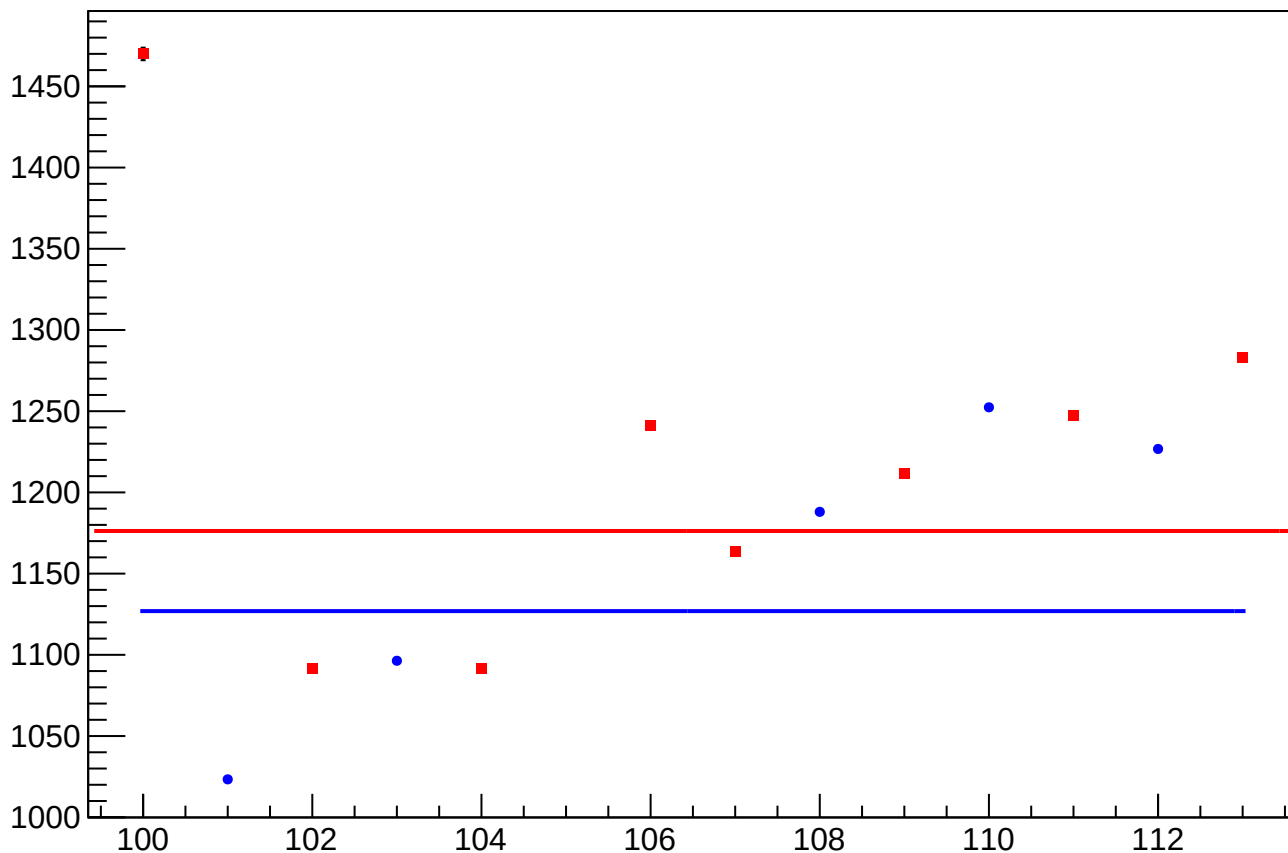
Right: 302.737 $\pm$ 483.252 χ^2 /NDF: 9.9/12

In: -53.664 $\pm$ 710.880 χ^2 /NDF:3.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 302.737 $\pm$ 483.252 χ^2 /NDF: 9.9/12

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: 1176.247+/-0.466 χ^2/NDF : 31600.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

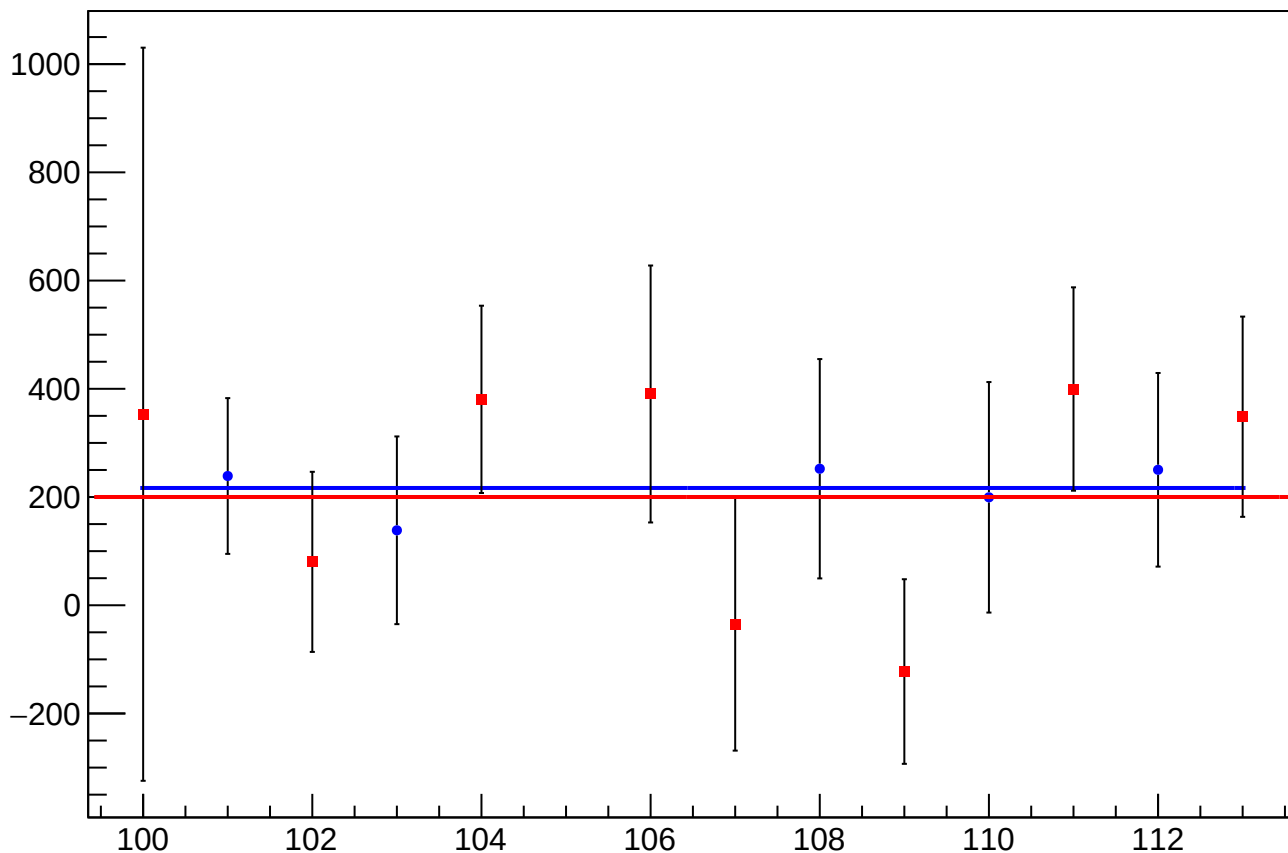
Right: 1153.453+/-0.342 χ^2/NDF : 67368.7/12

In: 1126.922+/-0.503 χ^2/NDF : 30589.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1153.453+/-0.342 χ^2/NDF : 67368.7/12

eigen_cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 216.752+/-79.268 χ^2/NDF : 0.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 200.072+/-70.774 χ^2/NDF : 8.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

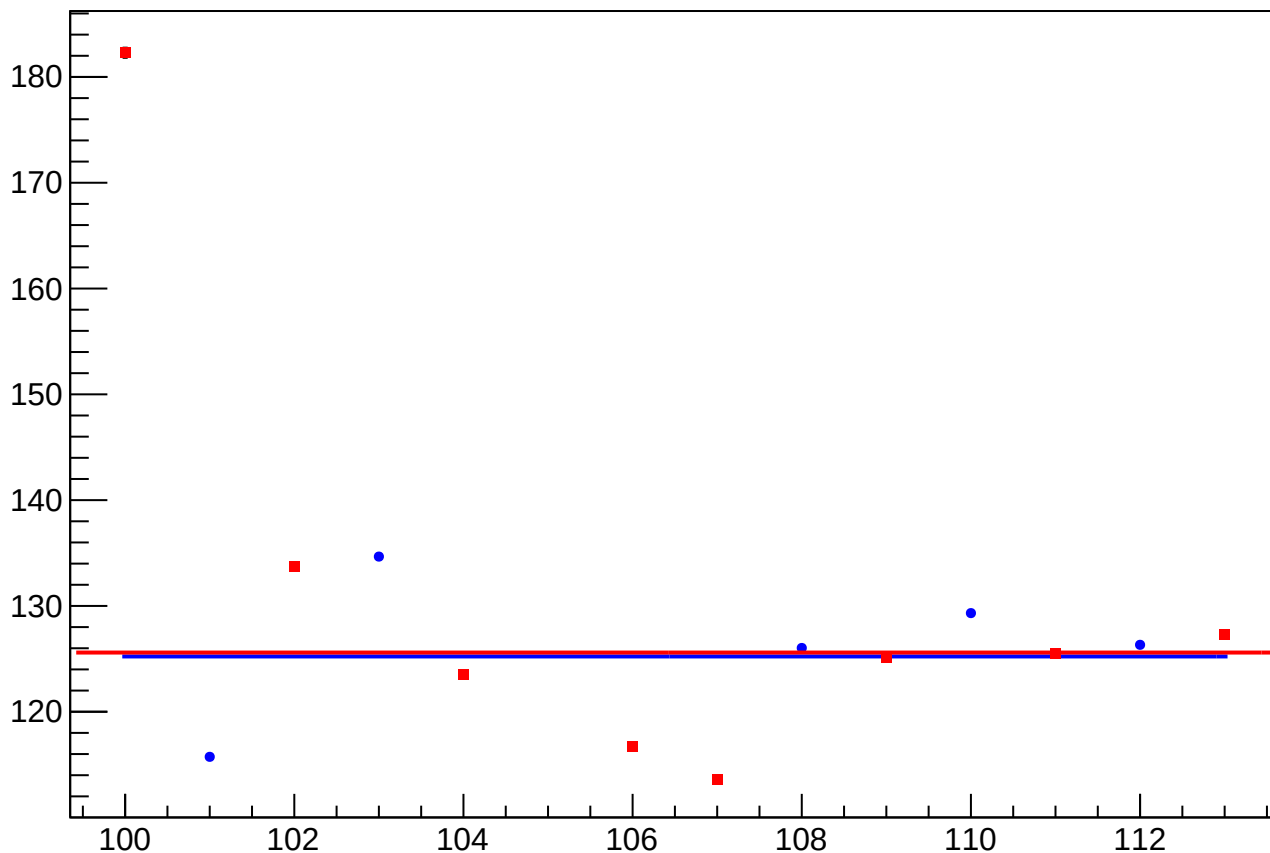
Right: 207.471+/-52.793 χ^2/NDF : 9.0/12

In: 216.752+/-79.268 χ^2/NDF : 0.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 207.471+/-52.793 χ^2/NDF : 9.0/12

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: 125.594+/-0.050 χ^2/NDF : 27303.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

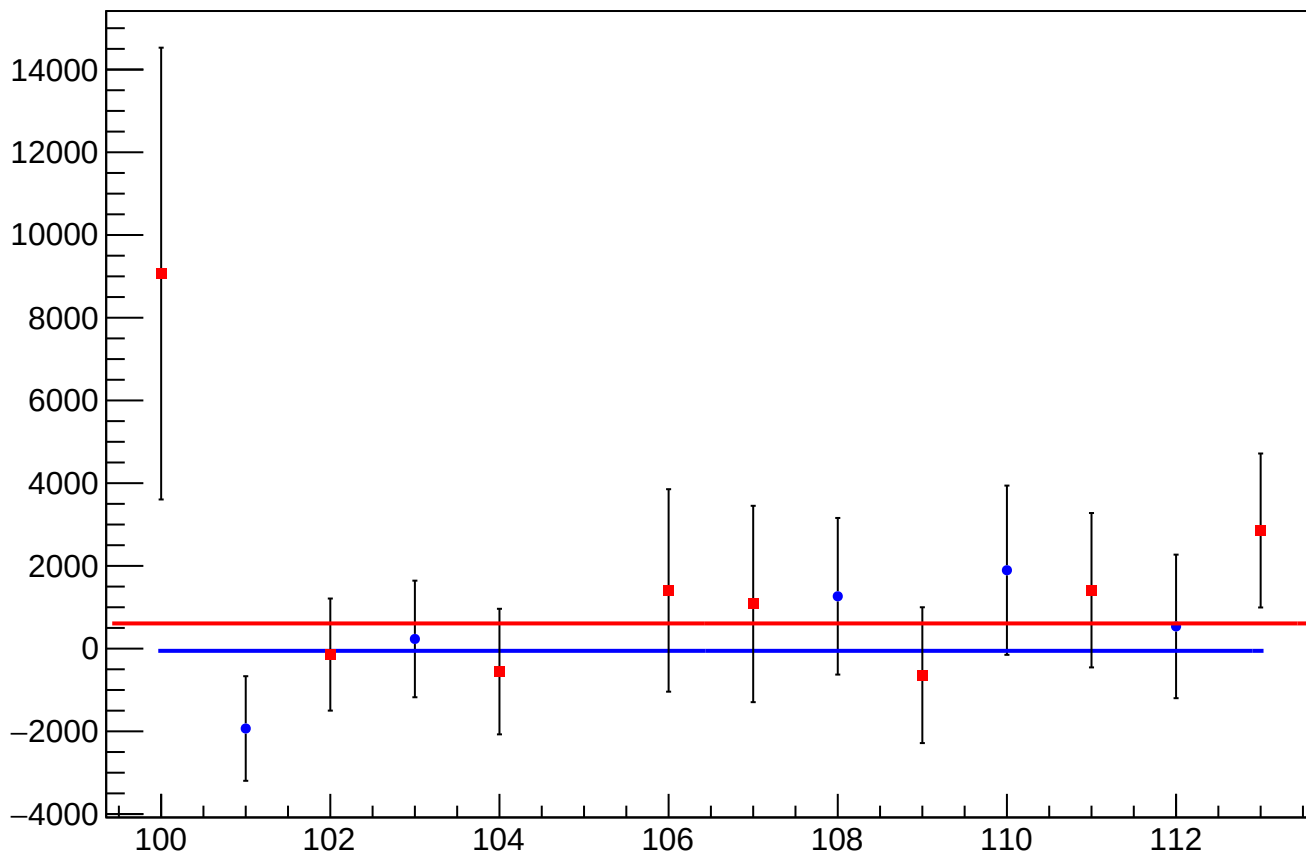
Right: 125.431+/-0.037 χ^2/NDF : 42788.3/12

In: 125.225+/-0.056 χ^2/NDF : 15461.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.431+/-0.037 χ^2/NDF : 42788.3/12

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: 608.938 ± 658.916 χ^2/NDF : 5.7/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

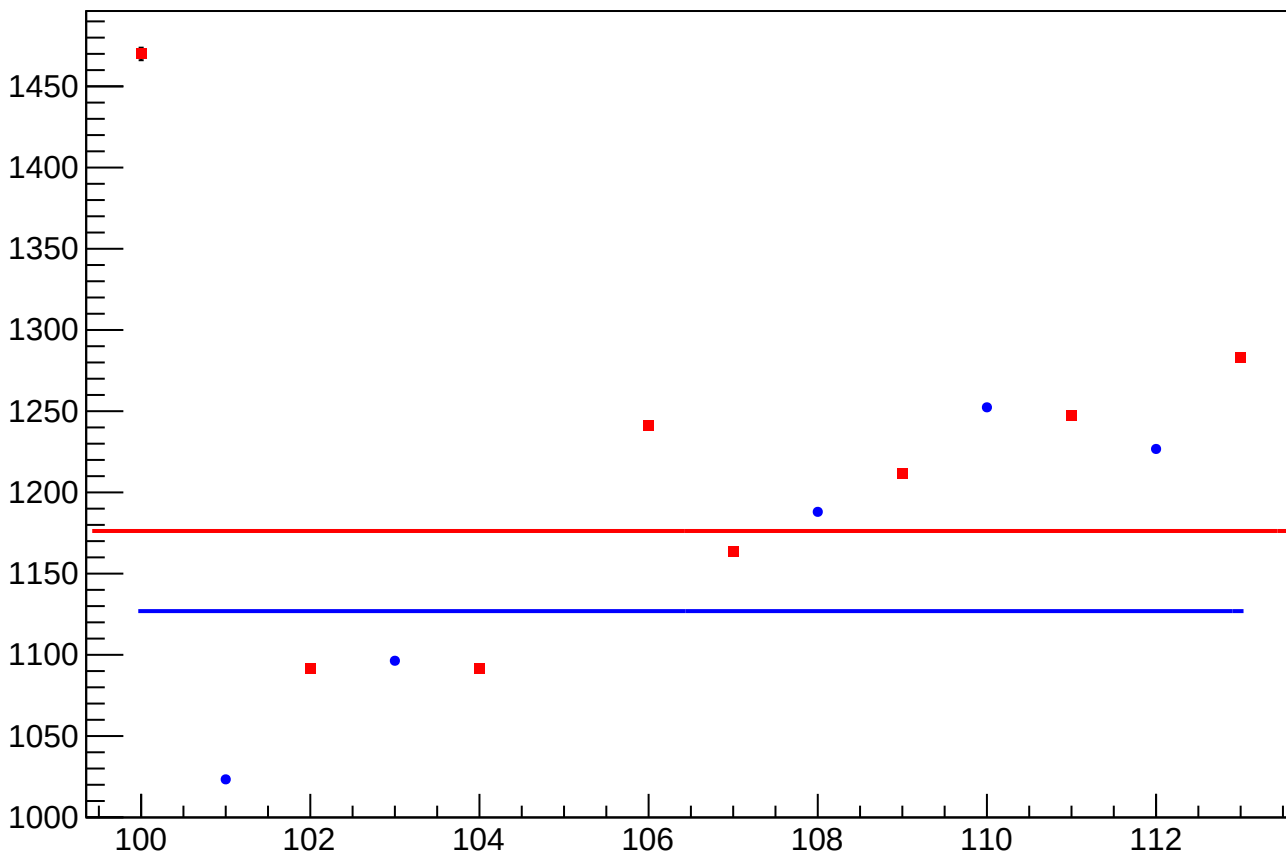
Right: 302.737 ± 483.252 χ^2/NDF : 9.9/12

In: -53.664 ± 710.880 χ^2/NDF : 3.8/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 302.737 ± 483.252 χ^2/NDF : 9.9/12

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: 1176.247+/-0.466 χ^2/NDF : 31600.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

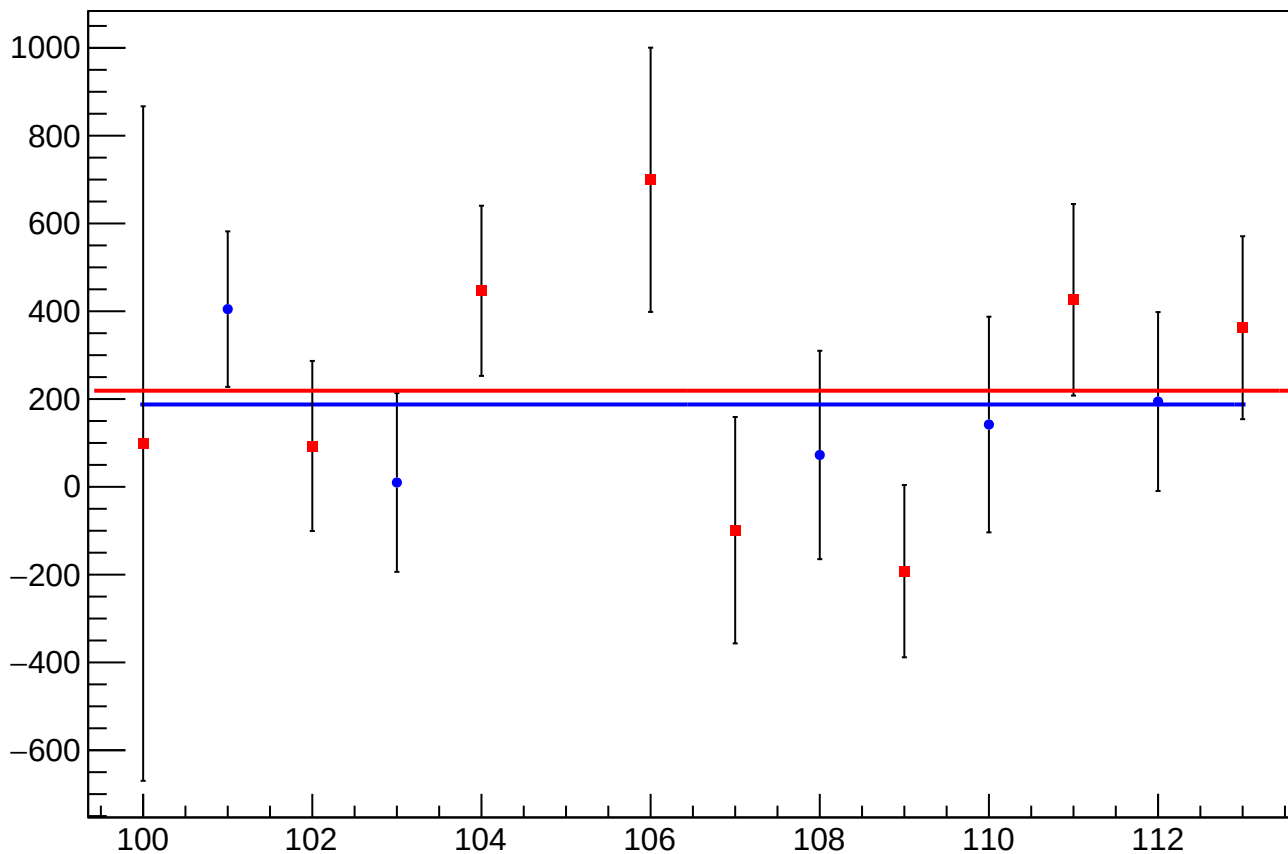
Right: 1153.453+/-0.342 χ^2/NDF : 67368.7/12

In: 1126.922+/-0.503 χ^2/NDF :30589.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1153.453+/-0.342 χ^2/NDF : 67368.7/12

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: 219.069+/-81.372 χ^2/NDF : 11.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

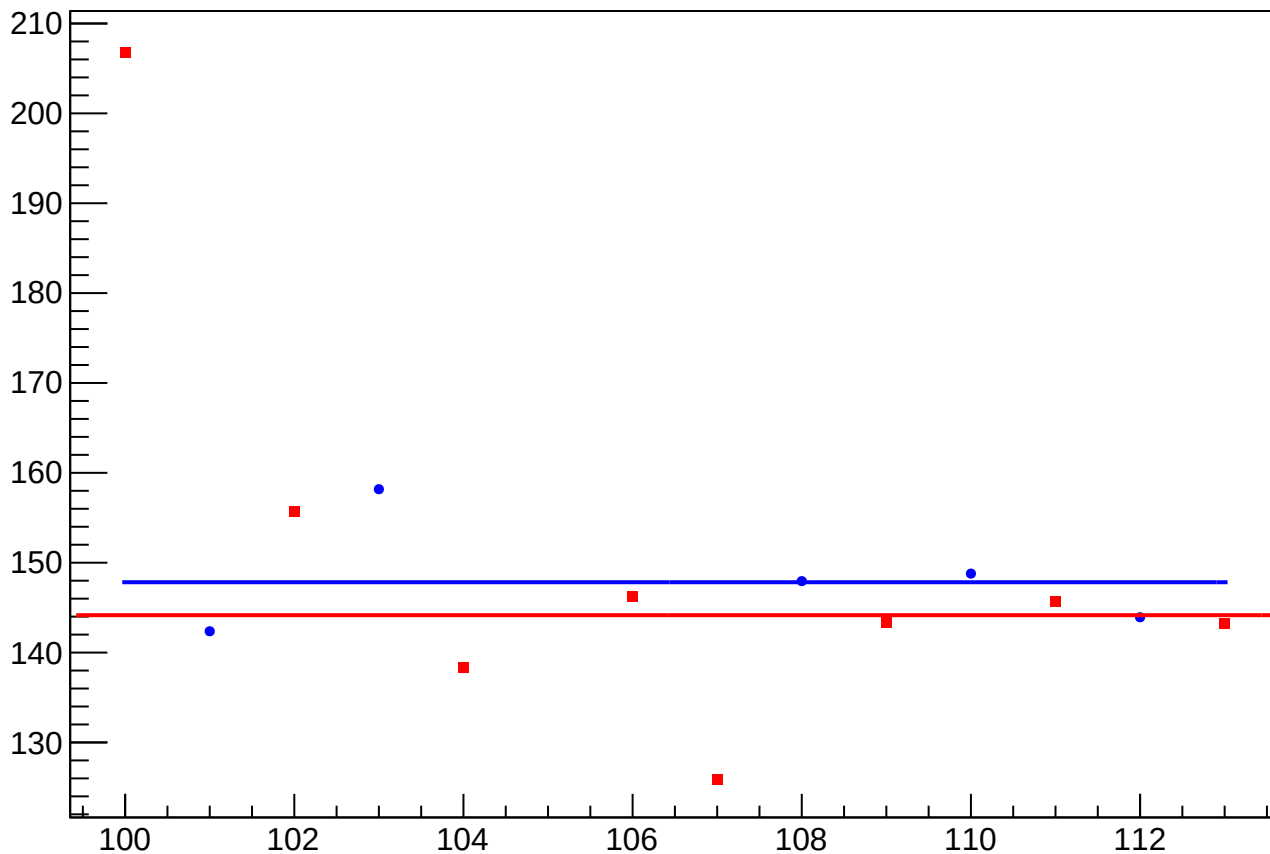
Right: 205.524+/-61.380 χ^2/NDF : 14.3/12

In: 187.643+/-93.493 χ^2/NDF : 2.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 205.524+/-61.380 χ^2/NDF : 14.3/12

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 147.827 $\pm$ 0.066 χ^2 /NDF: 7831.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 144.159 $\pm$ 0.058 χ^2 /NDF: 32446.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

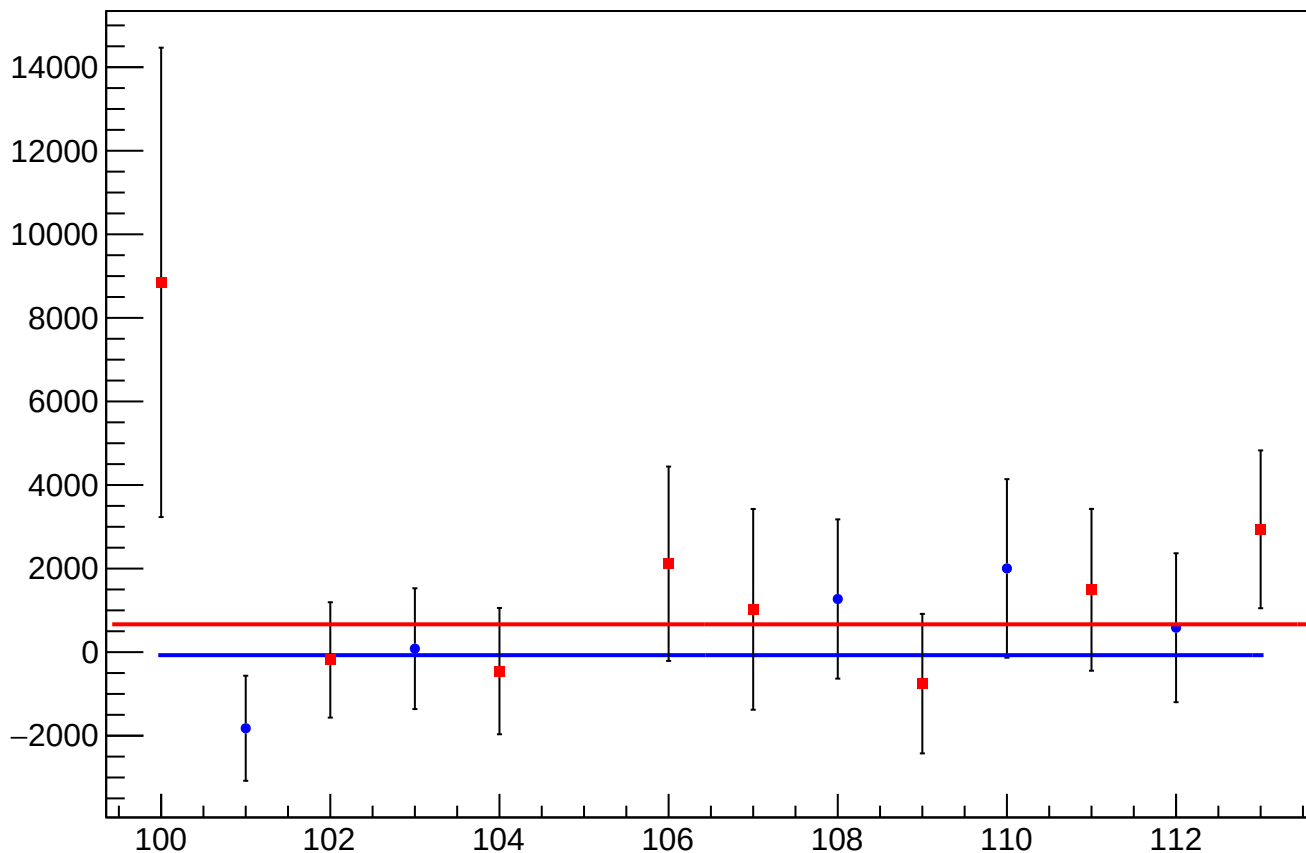
Right: 145.740 $\pm$ 0.043 χ^2 /NDF: 42029.2/12

In: 147.827 $\pm$ 0.066 χ^2 /NDF: 7831.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 145.740 $\pm$ 0.043 χ^2 /NDF: 42029.2/12

asym_sam_1526_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -72.346 $\pm$ 721.574 χ^2 /NDF: 3.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 666.232 $\pm$ 665.449 χ^2 /NDF: 5.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

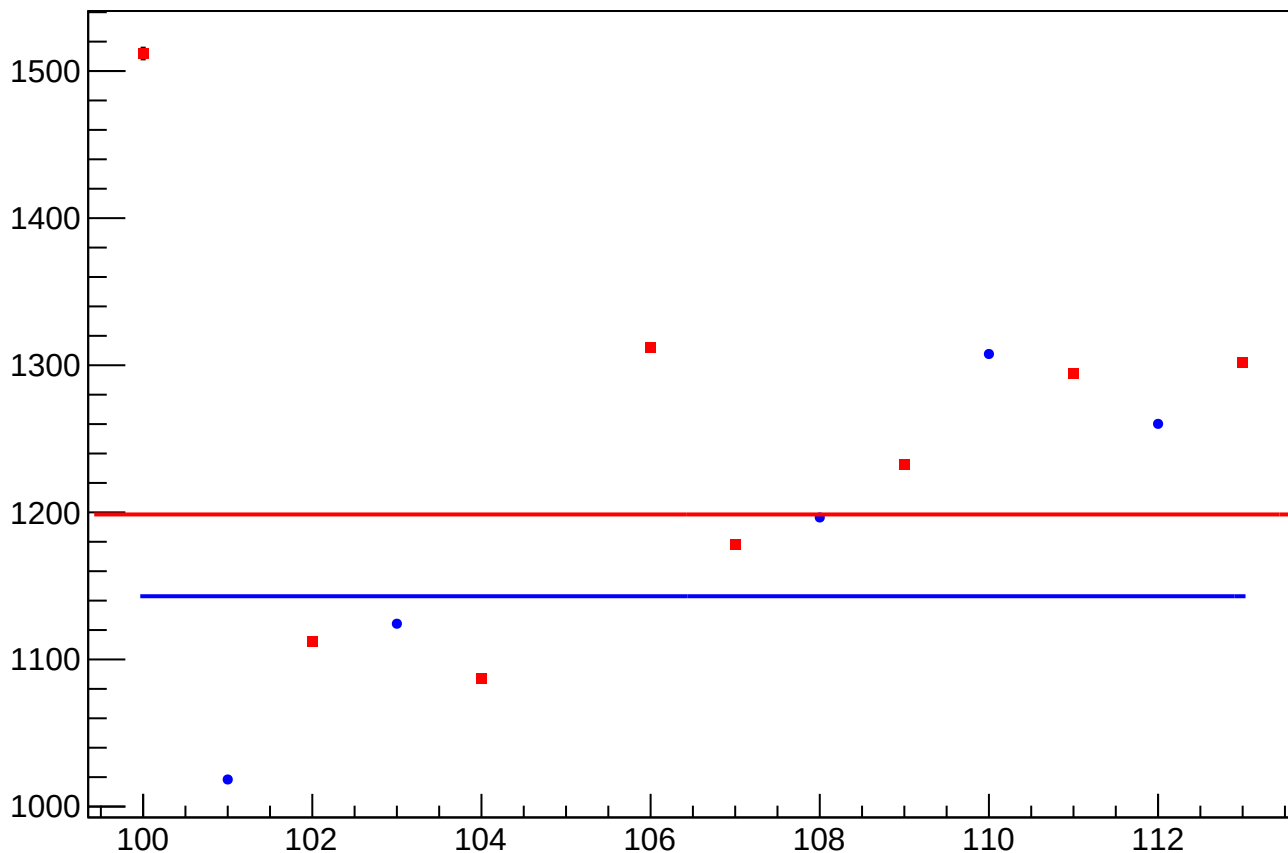
Right: 326.780 $\pm$ 489.184 χ^2 /NDF: 9.9/12

In: -72.346 $\pm$ 721.574 χ^2 /NDF:3.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 326.780 $\pm$ 489.184 χ^2 /NDF: 9.9/12

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: 1198.575+/-0.471 χ^2/NDF : 41524.2/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

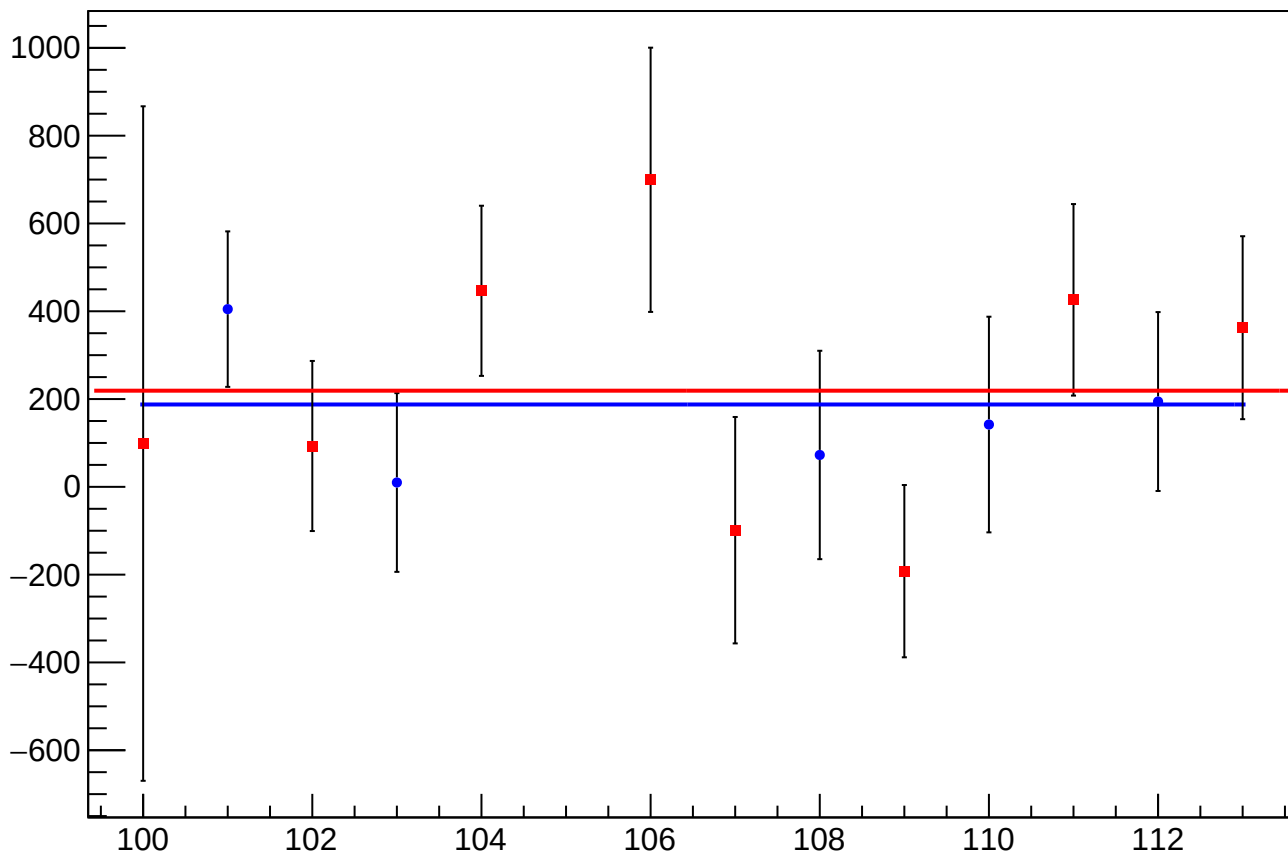
Right: 1173.022+/-0.346 χ^2/NDF : 90021.2/12

In: 1142.977+/-0.510 χ^2/NDF :42080.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1173.022+/-0.346 χ^2/NDF : 90021.2/12

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: 219.067+/-81.372 χ^2/NDF : 11.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

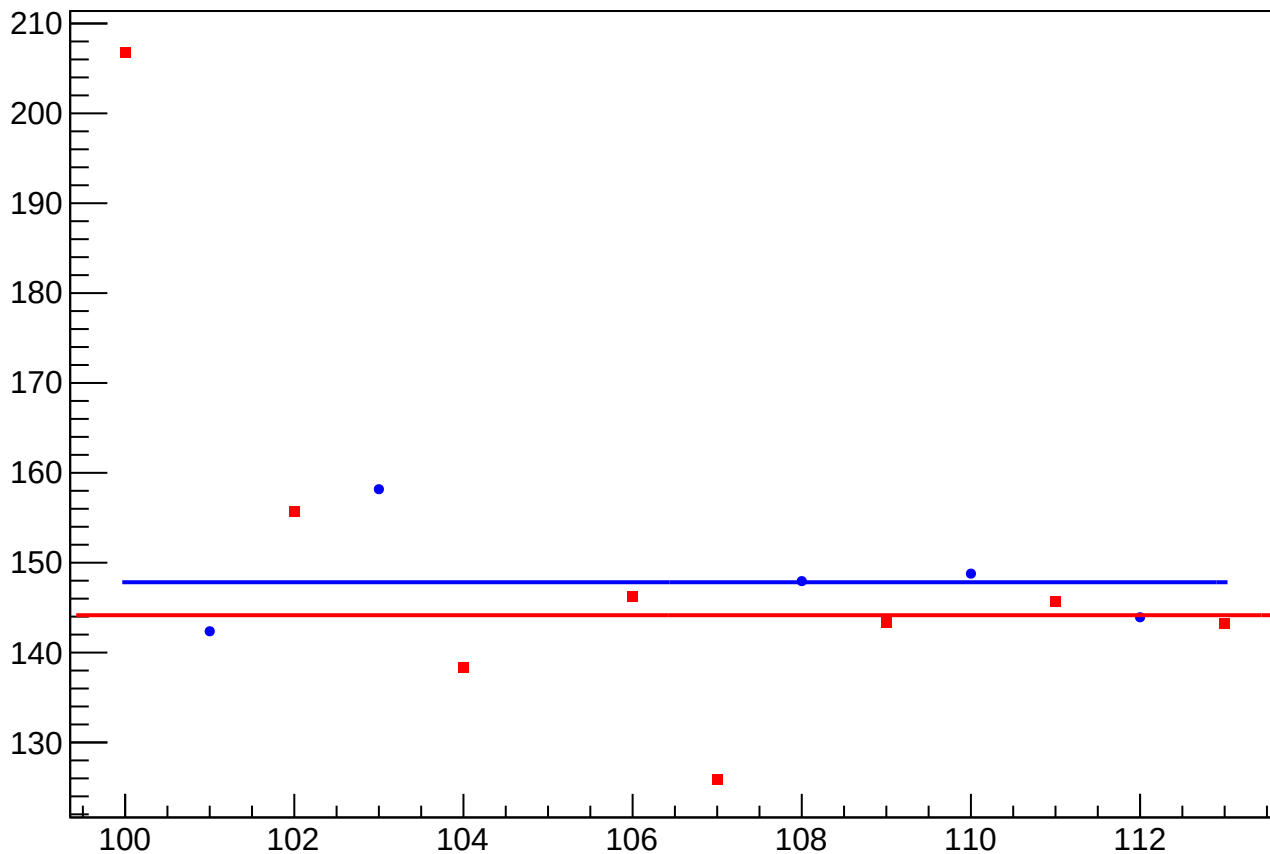
Right: 205.520+/-61.380 χ^2/NDF : 14.3/12

In: 187.638+/-93.493 χ^2/NDF : 2.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 205.520+/-61.380 χ^2/NDF : 14.3/12

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: 144.158+/-0.058 χ^2/NDF : 32445.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

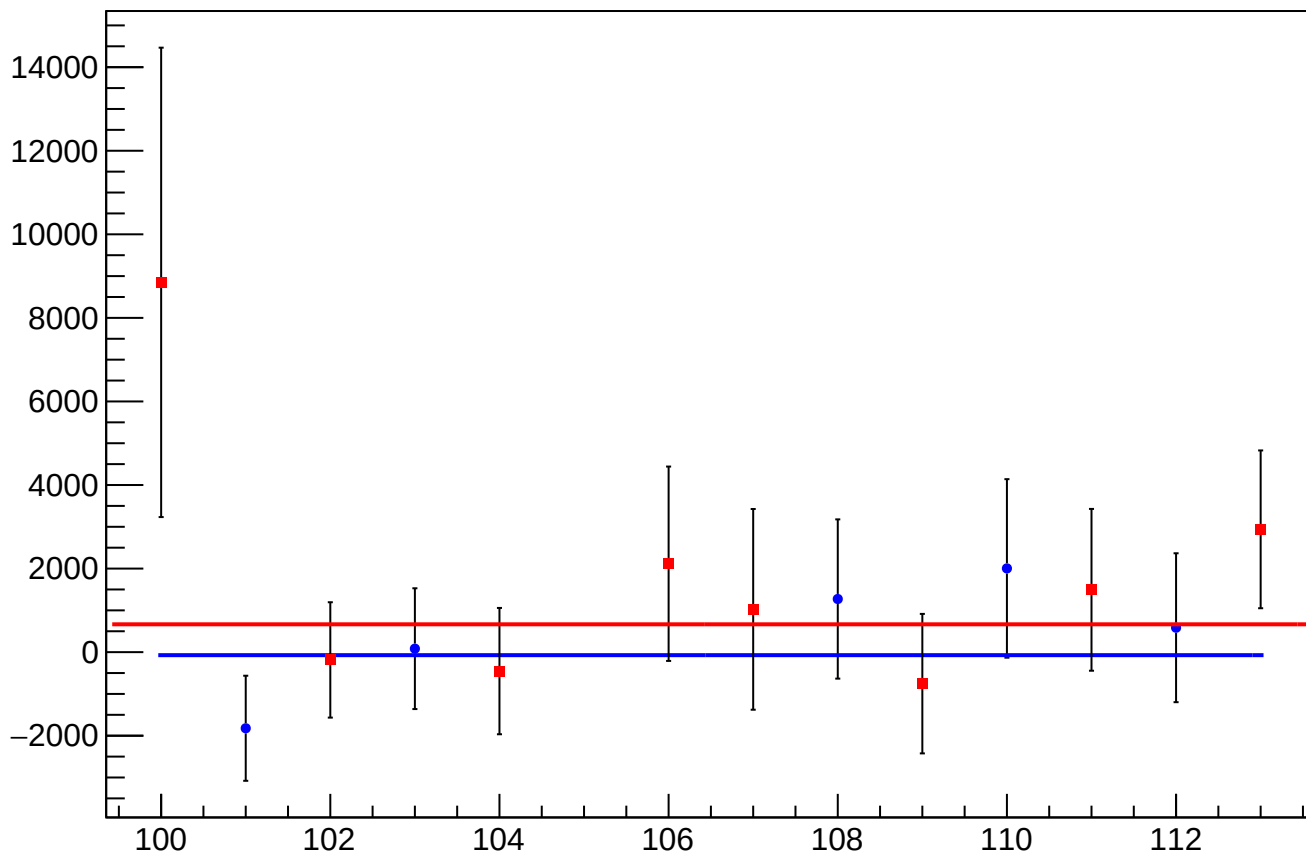
Right: 145.739+/-0.043 χ^2/NDF : 42027.9/12

In: 147.826+/-0.066 χ^2/NDF : 7830.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.739+/-0.043 χ^2/NDF : 42027.9/12

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: 666.230 ± 665.447 χ^2/NDF : 5.8/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

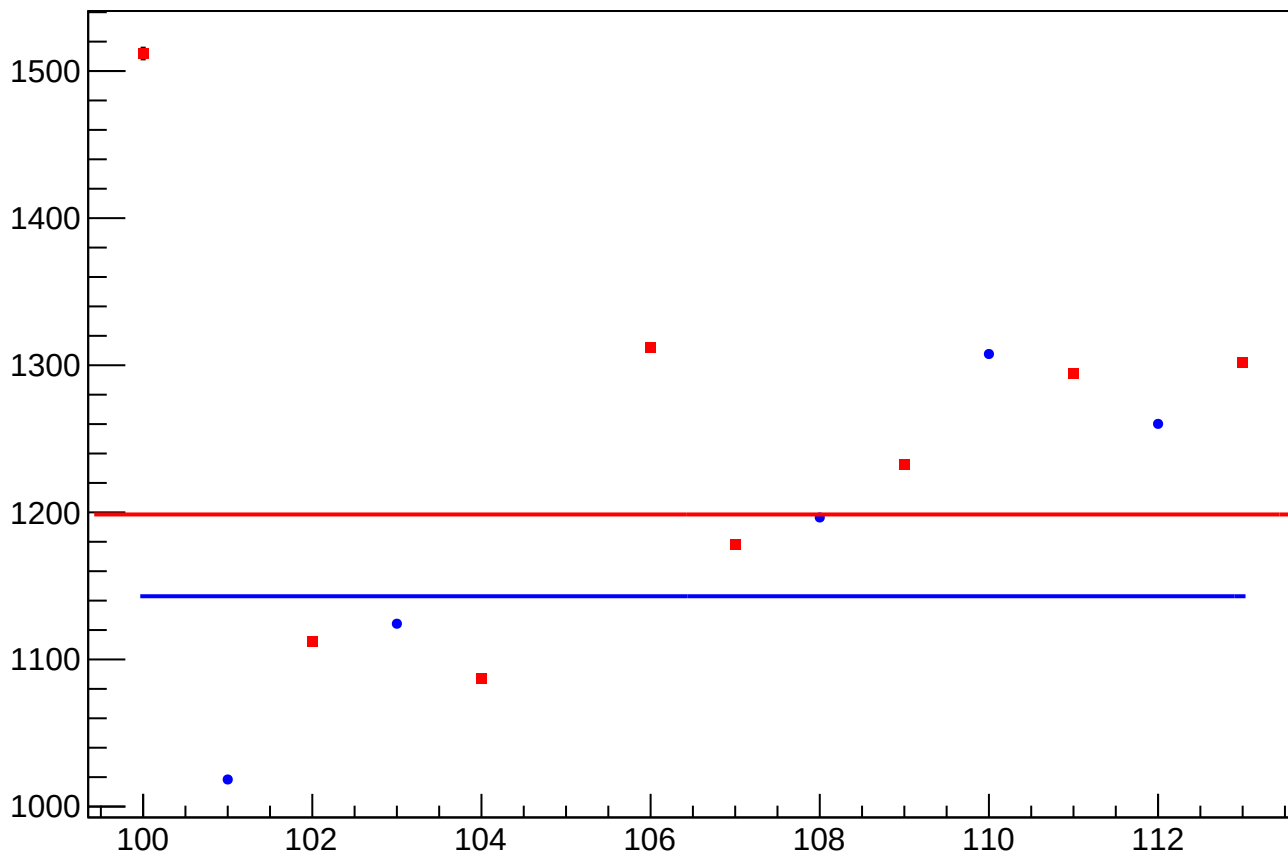
Right: 326.779 ± 489.182 χ^2/NDF : 9.9/12

In: -72.346 ± 721.572 χ^2/NDF : 3.5/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 326.779 ± 489.182 χ^2/NDF : 9.9/12

asym_sam_1526_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1142.974+/-0.510 χ^2/NDF : 42078.5/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1198.571+/-0.471 χ^2/NDF : 41524.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

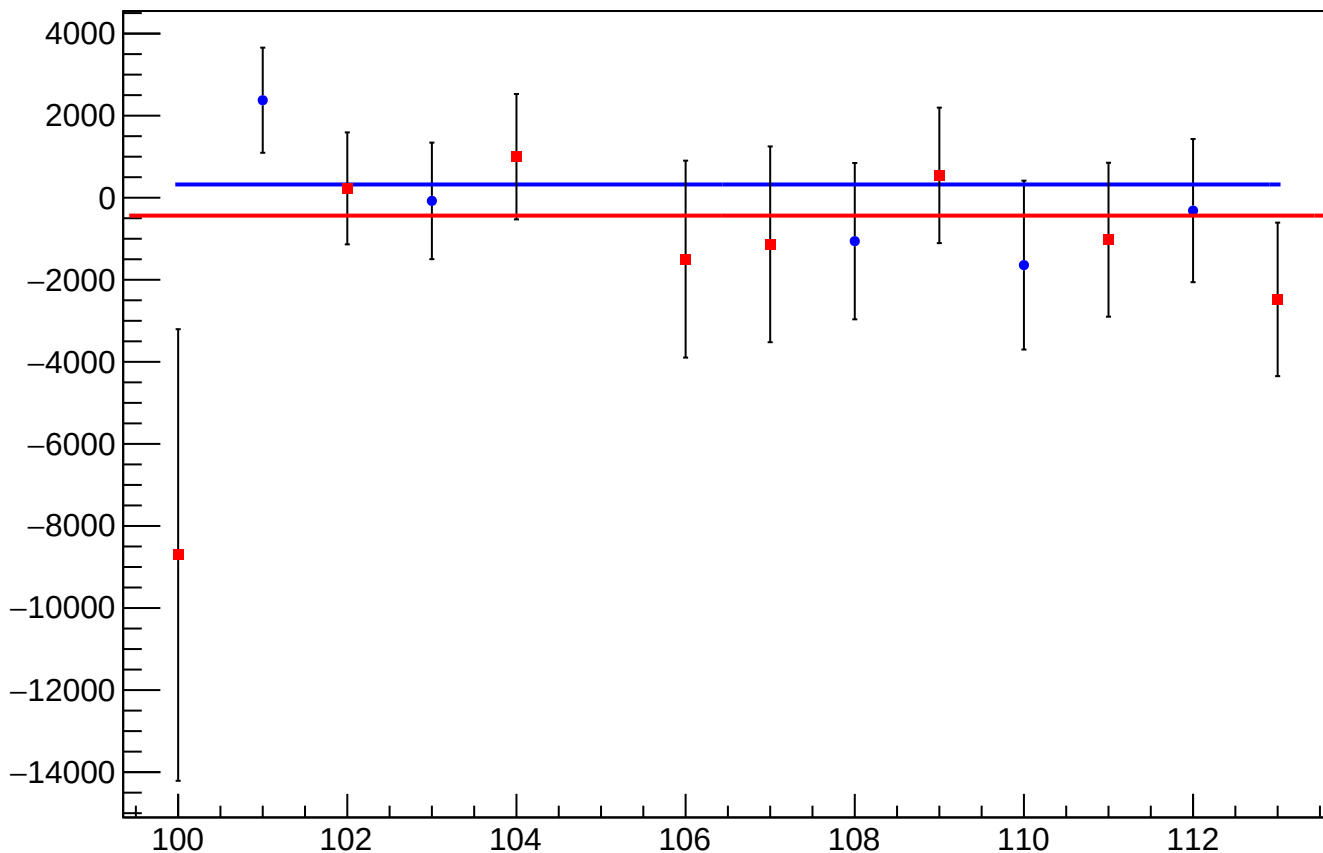
Right: 1173.019+/-0.346 χ^2/NDF : 90018.9/12

In: 1142.974+/-0.510 χ^2/NDF :42078.5/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1173.019+/-0.346 χ^2/NDF : 90018.9/12

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: -435.822+/-661.654 χ^2/NDF : 5.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

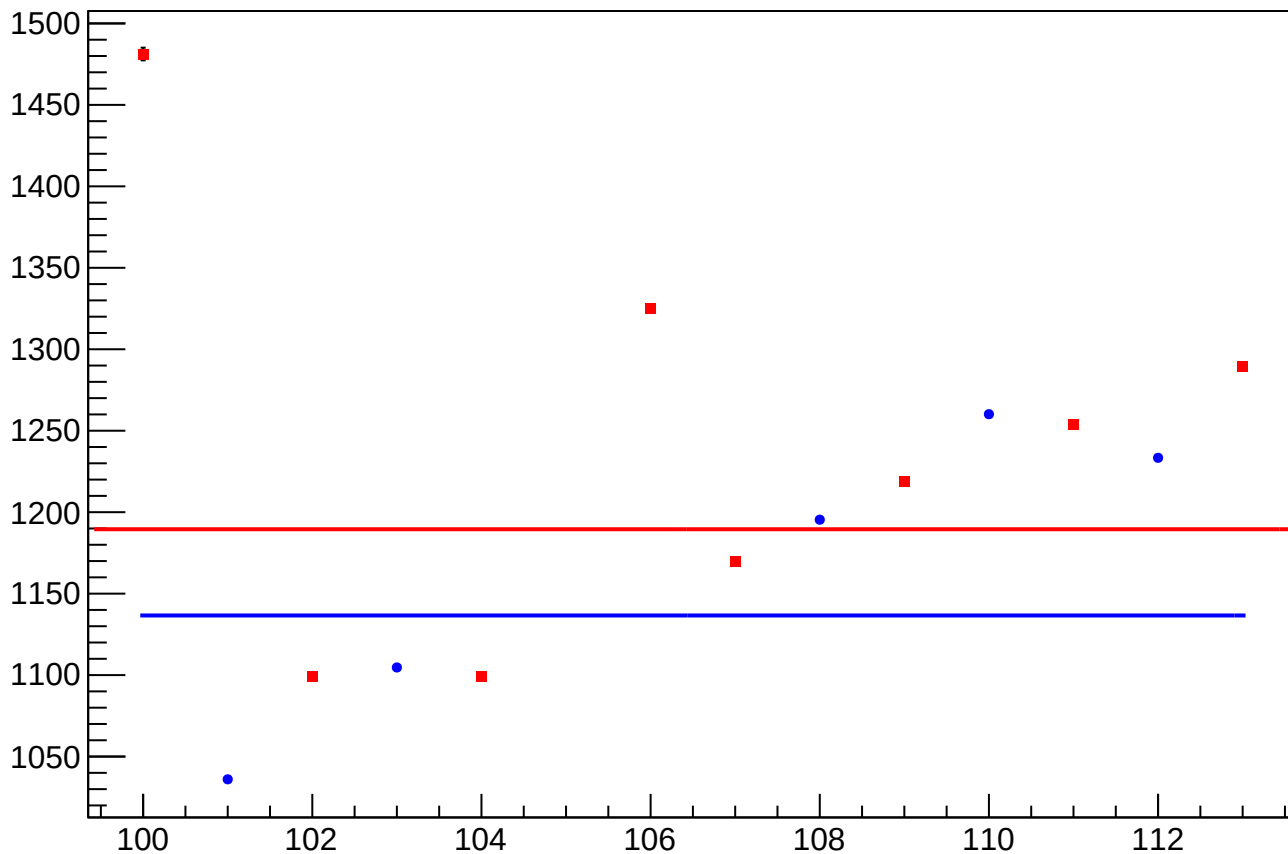
Right: -86.863+/-486.226 χ^2/NDF : 10.1/12

In: 322.827+/-716.921 χ^2/NDF : 4.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -86.863+/-486.226 χ^2/NDF : 10.1/12

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 1136.599+/-0.507 χ^2/NDF : 28608.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1189.530+/-0.468 χ^2/NDF : 36571.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

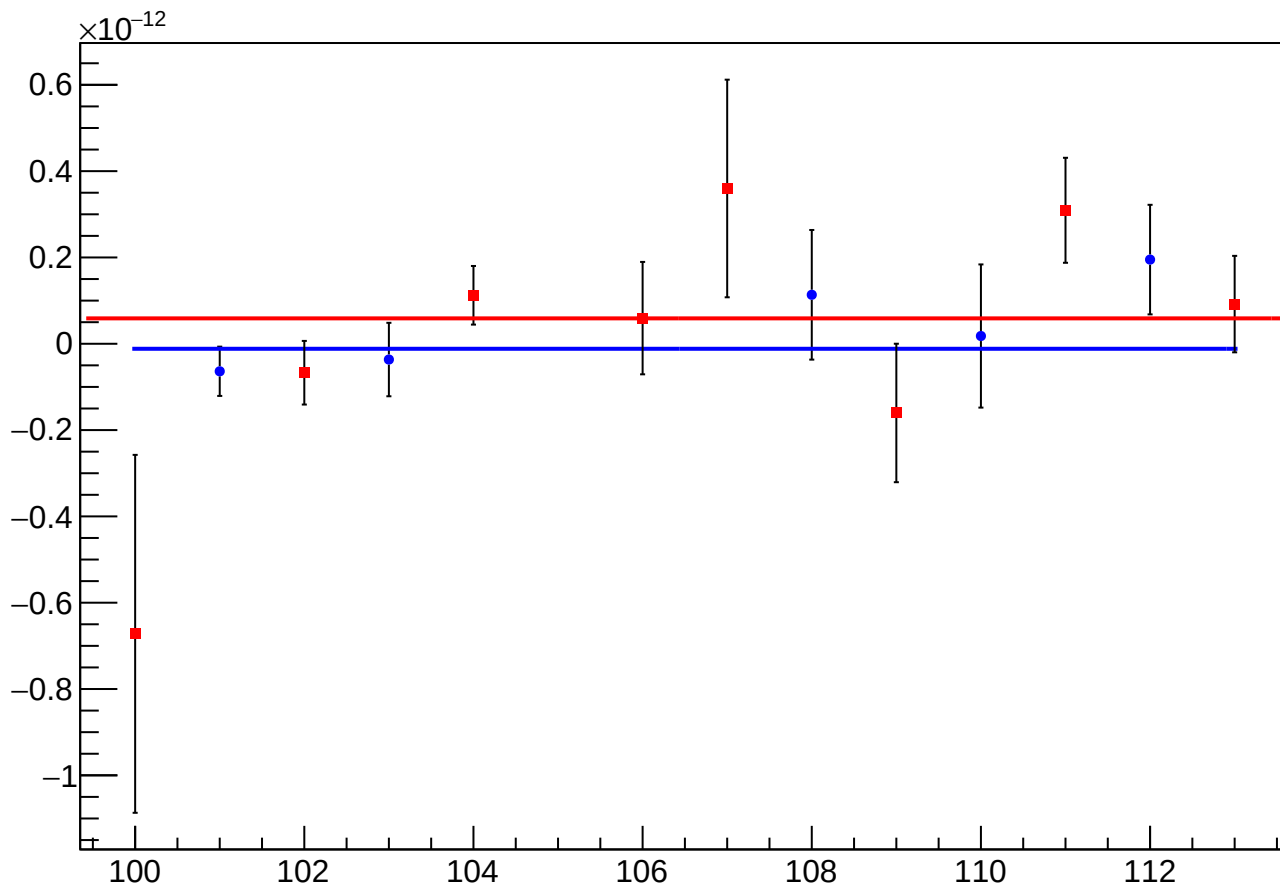
Right: 1165.183+/-0.344 χ^2/NDF : 71067.4/12

In: 1136.599+/-0.507 χ^2/NDF : 28608.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1165.183+/-0.344 χ^2/NDF : 71067.4/12

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: 14.3/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

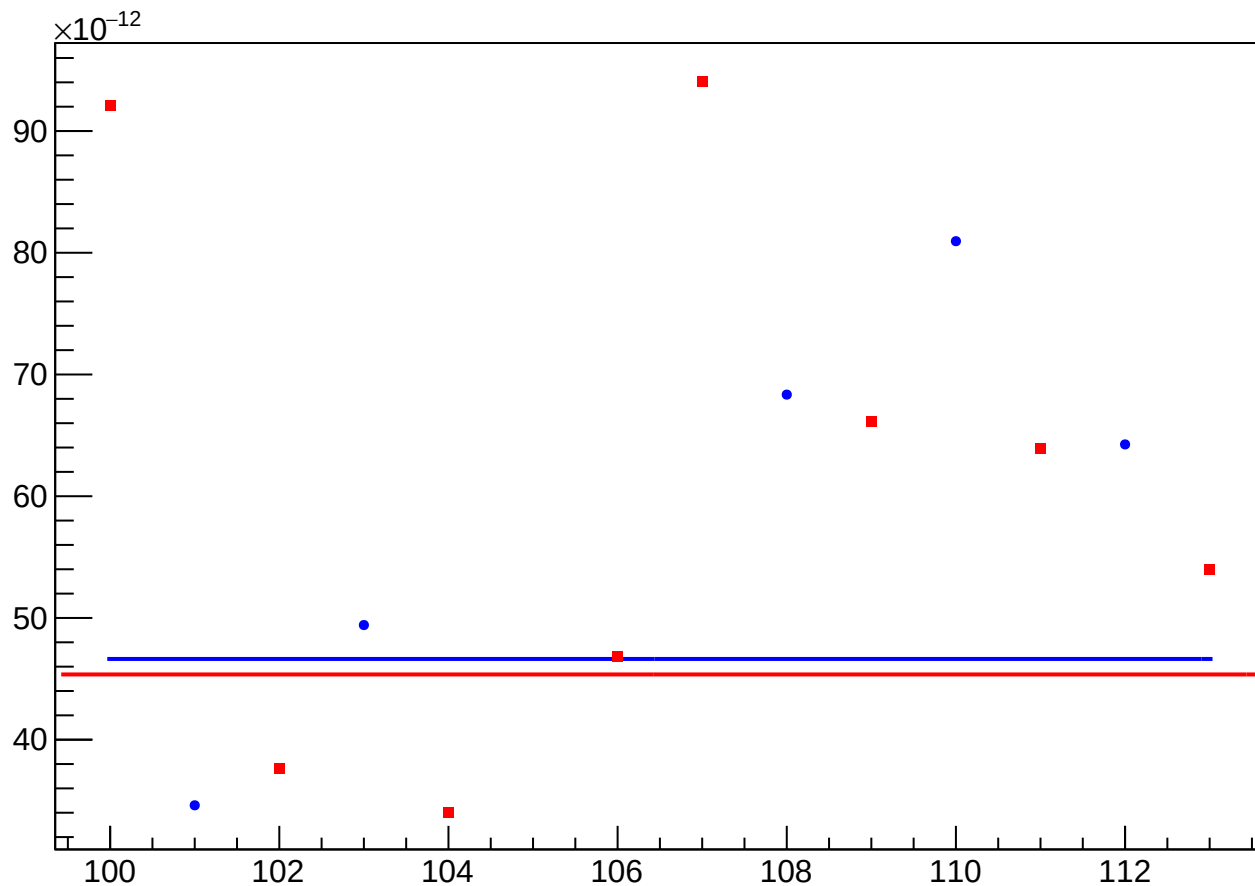
Right: 0.000+/-0.000 χ^2 /NDF: 20.1/12

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: 20.1/12

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 : 270163.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

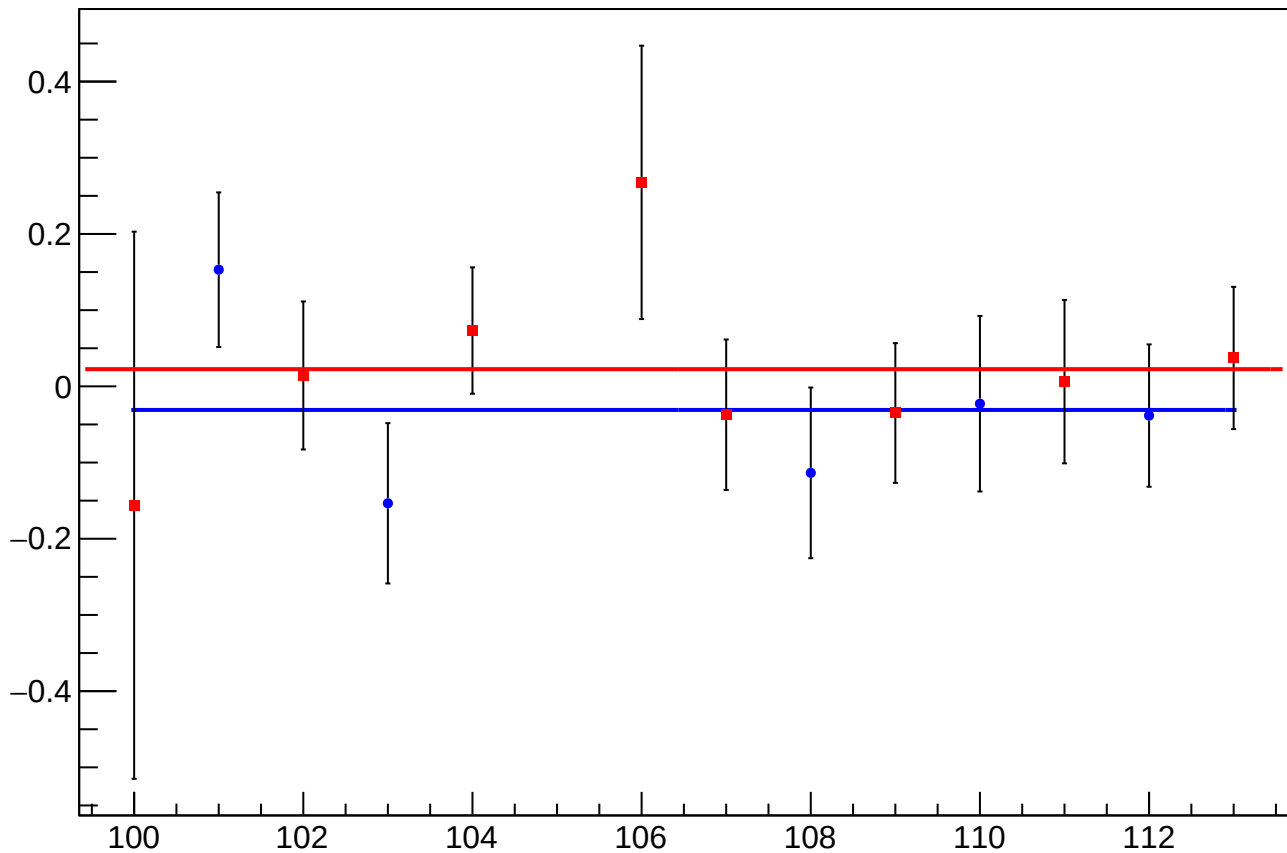
Right: 0.000+/-0.000 χ^2/NDF : 527958.6/12

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 : 527958.6/12

asym_sam_1526_avg_dit_vs_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: 0.023+/-0.037 χ^2/NDF : 3.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

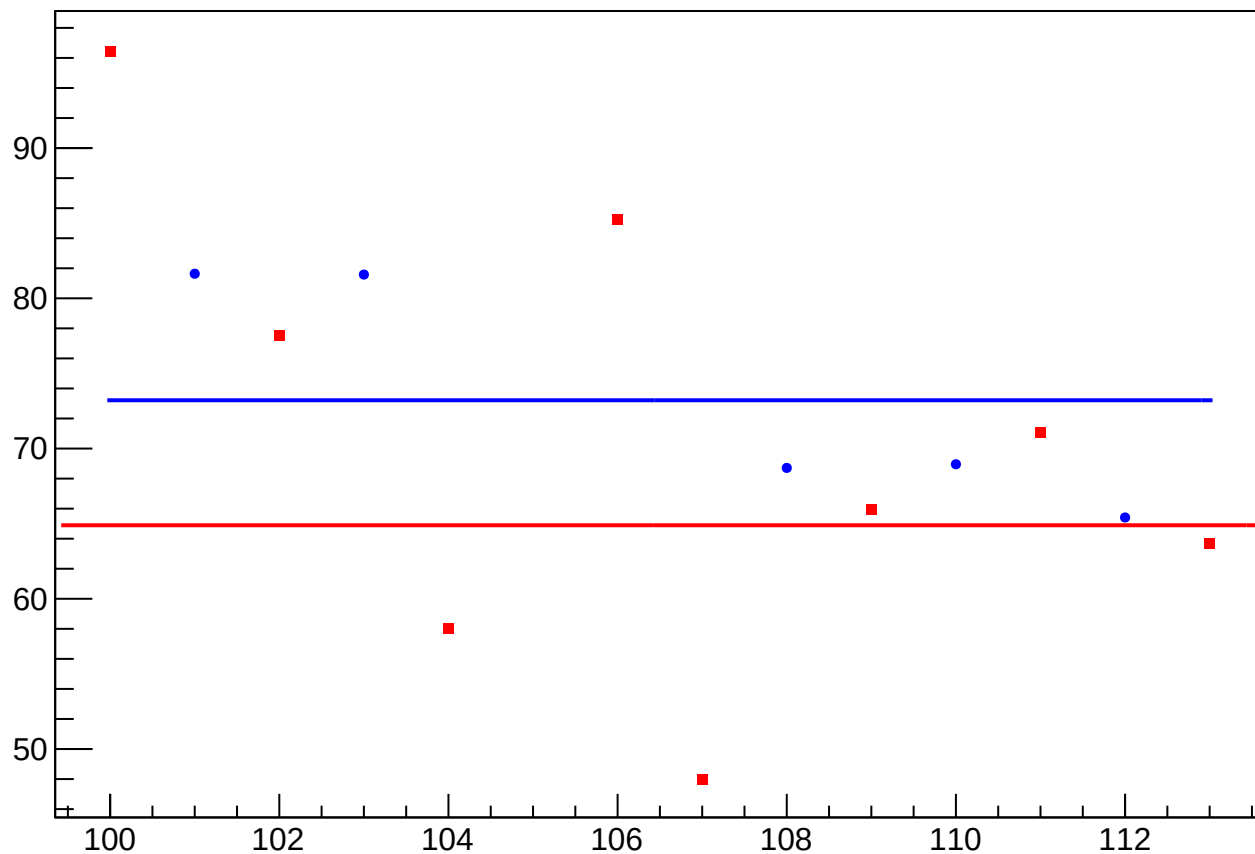
Right: 0.002+/-0.029 χ^2/NDF : 9.3/12

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+/-0.029 χ^2/NDF : 9.3/12

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: 64.895+/-0.026 χ^2/NDF : 155035.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

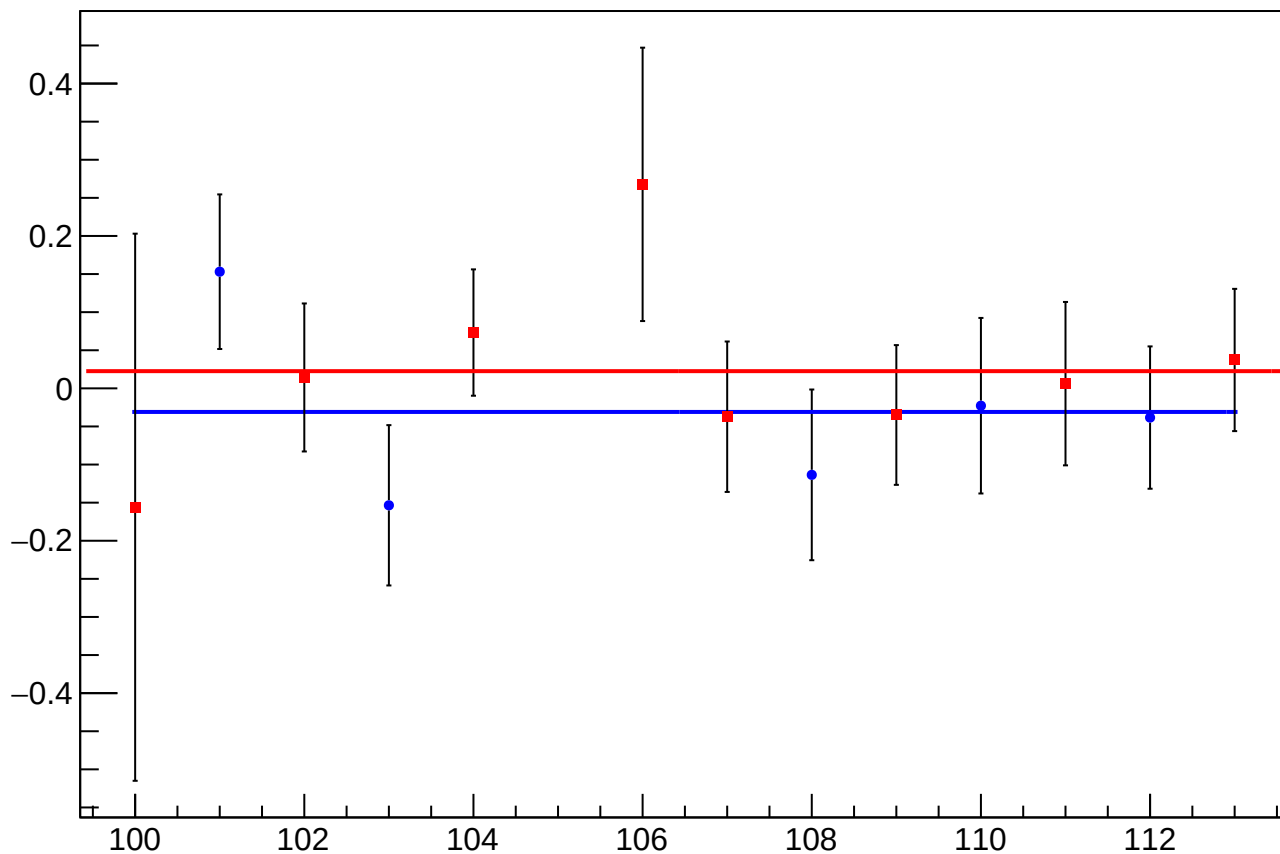
Right: 68.144+/-0.021 χ^2/NDF : 239965.7/12

In: 73.214+/-0.033 χ^2/NDF : 46358.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.144+/-0.021 χ^2/NDF : 239965.7/12

asym_sam_1526_avg_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: 0.023+/-0.037 χ^2/NDF : 3.3/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

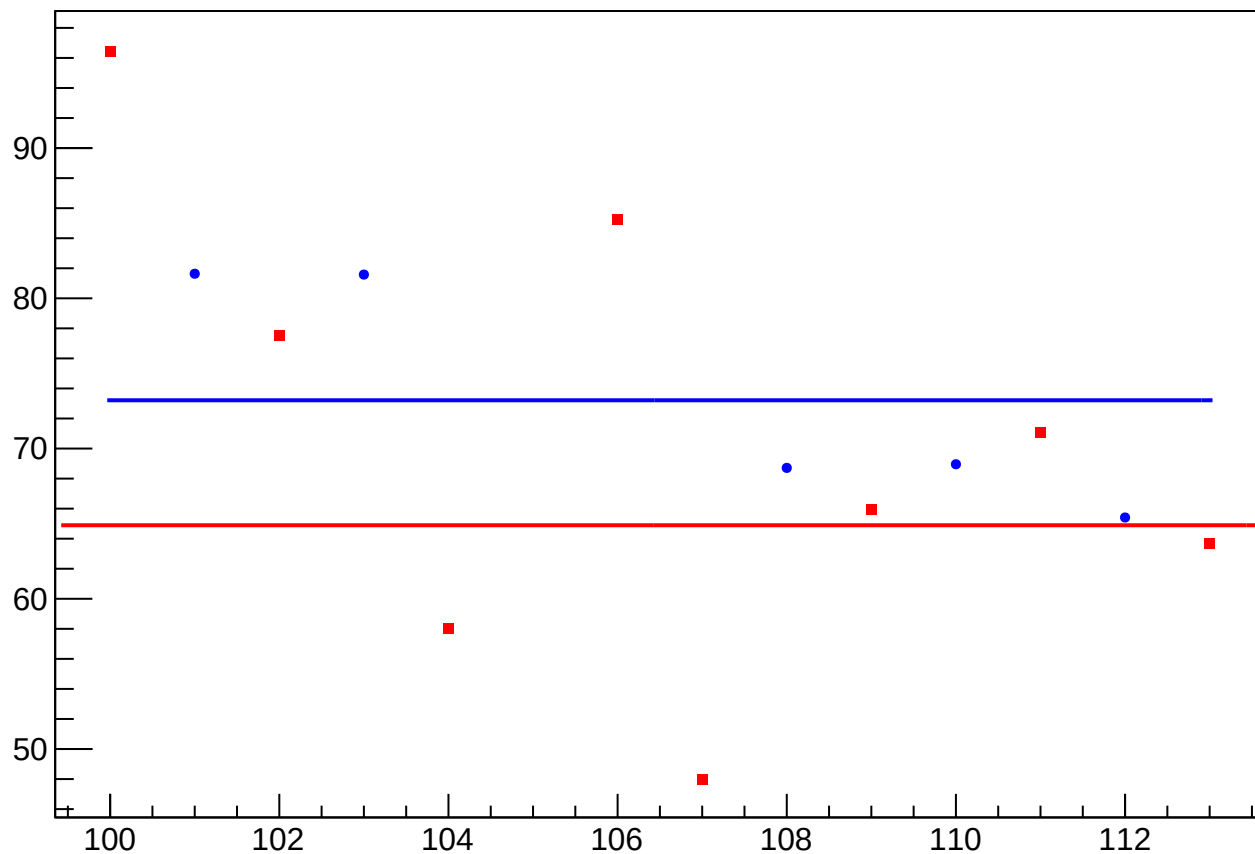
Right: 0.002+/-0.029 χ^2/NDF : 9.3/12

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+/-0.029 χ^2/NDF : 9.3/12

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: 64.895+/-0.026 χ^2/NDF : 155035.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

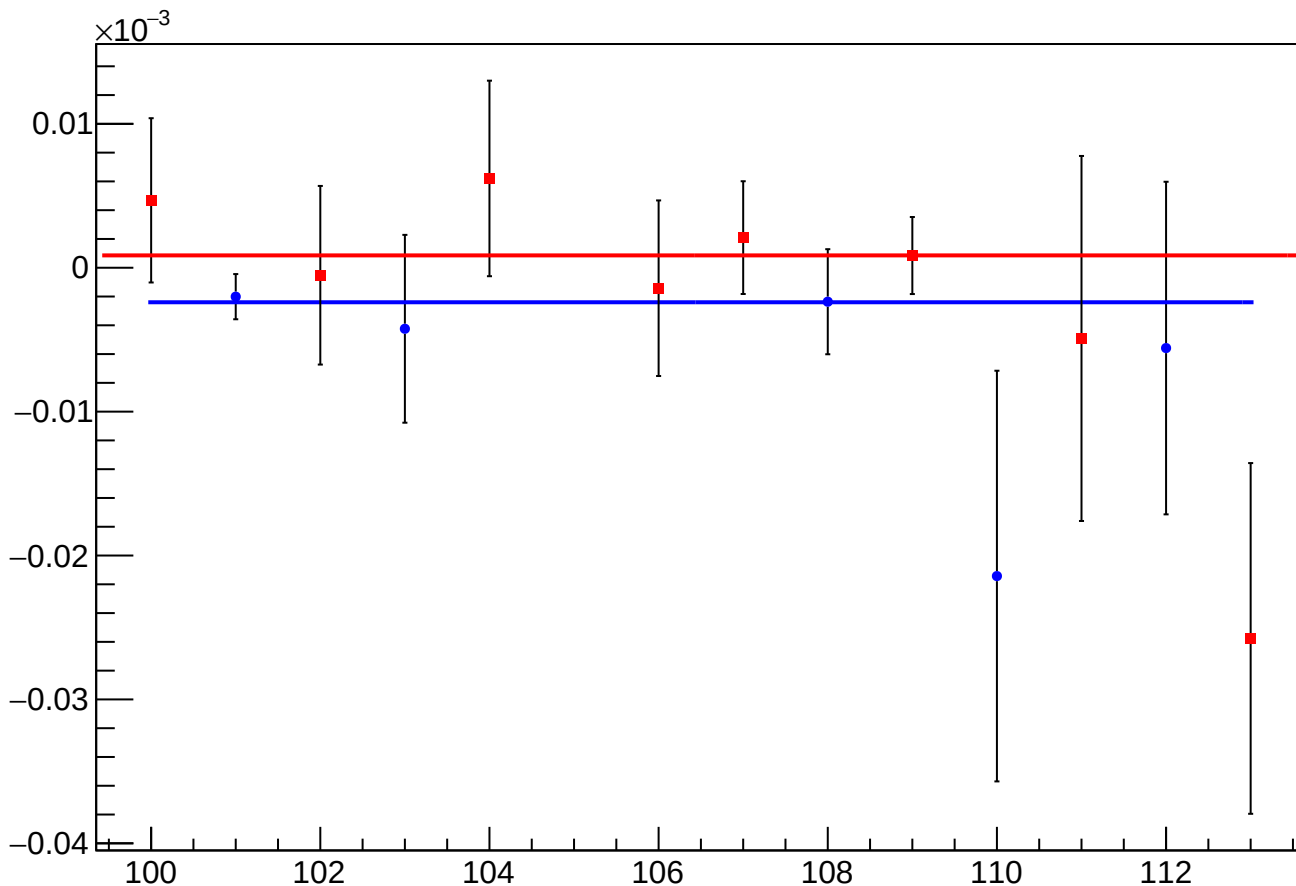
Right: 68.144+/-0.021 χ^2/NDF : 239965.7/12

In: 73.214+/-0.033 χ^2/NDF : 46358.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.144+/-0.021 χ^2/NDF : 239965.7/12

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: 6.3/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

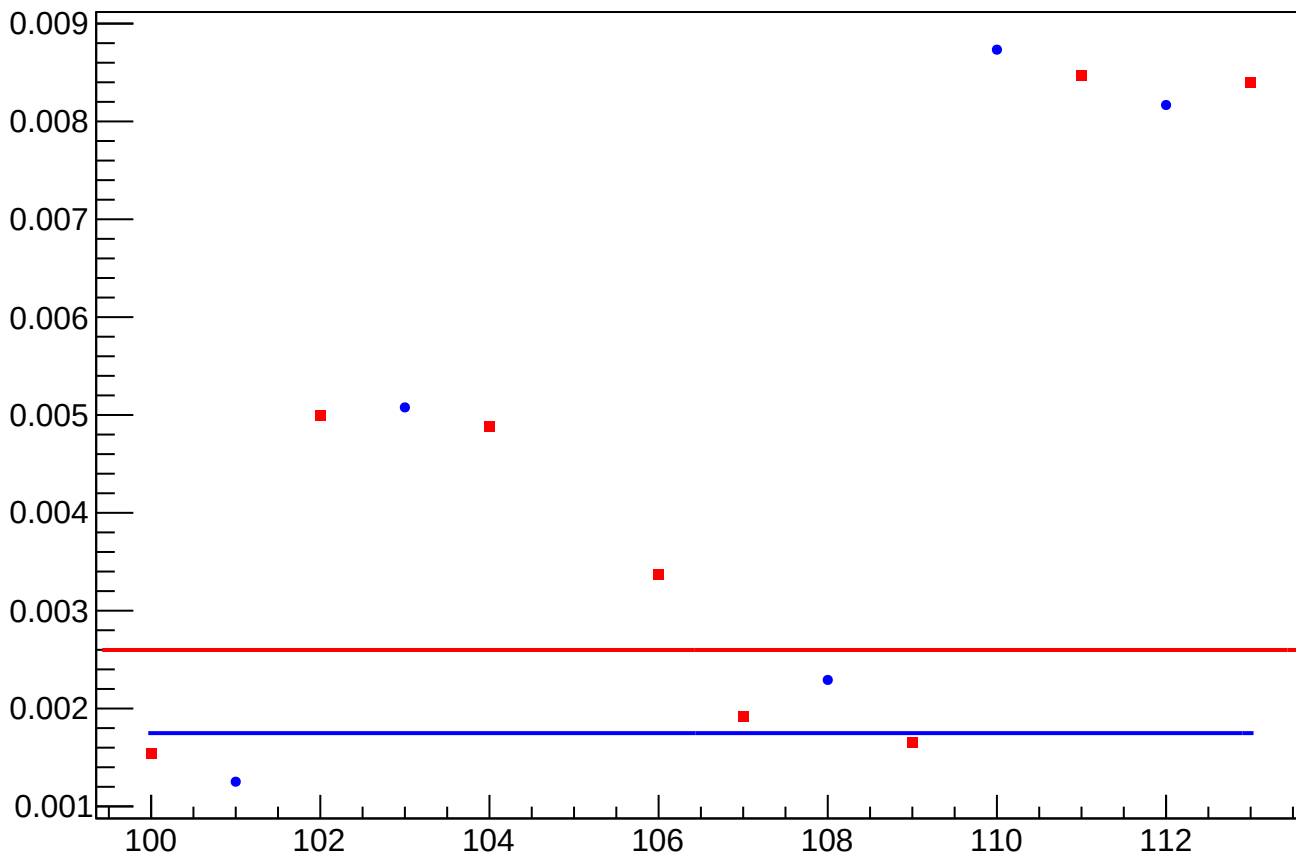
Right: -0.000+/-0.000 χ^2 /NDF: 10.4/12

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: 10.4/12

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: 0.003+/-0.000 χ^2/NDF : 1814866.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

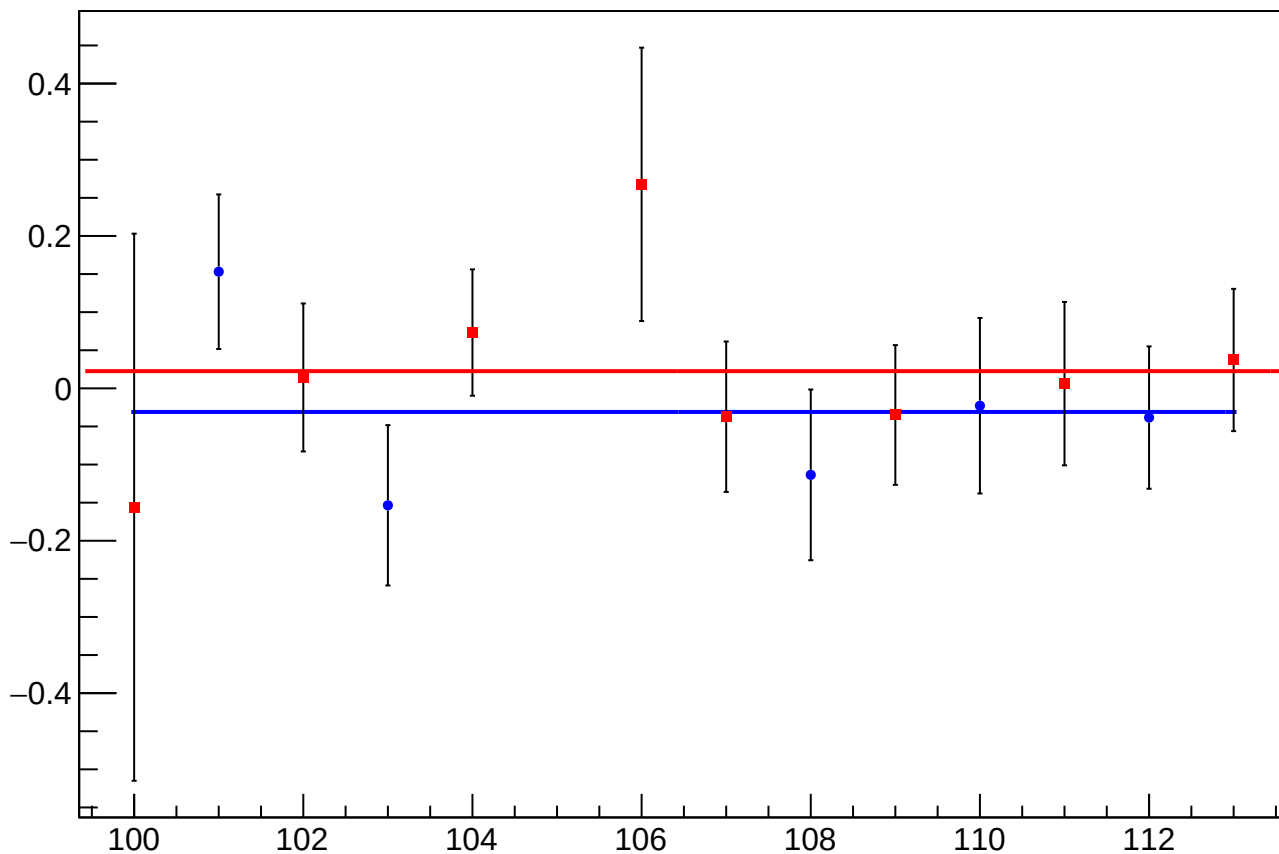
Right: 0.002+/-0.000 χ^2/NDF : 3962308.5/12

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 : 3962308.5/12

asym_sam_1526_avg_eigen_dit_vs_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: 0.023+/-0.037 χ^2/NDF : 3.3/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

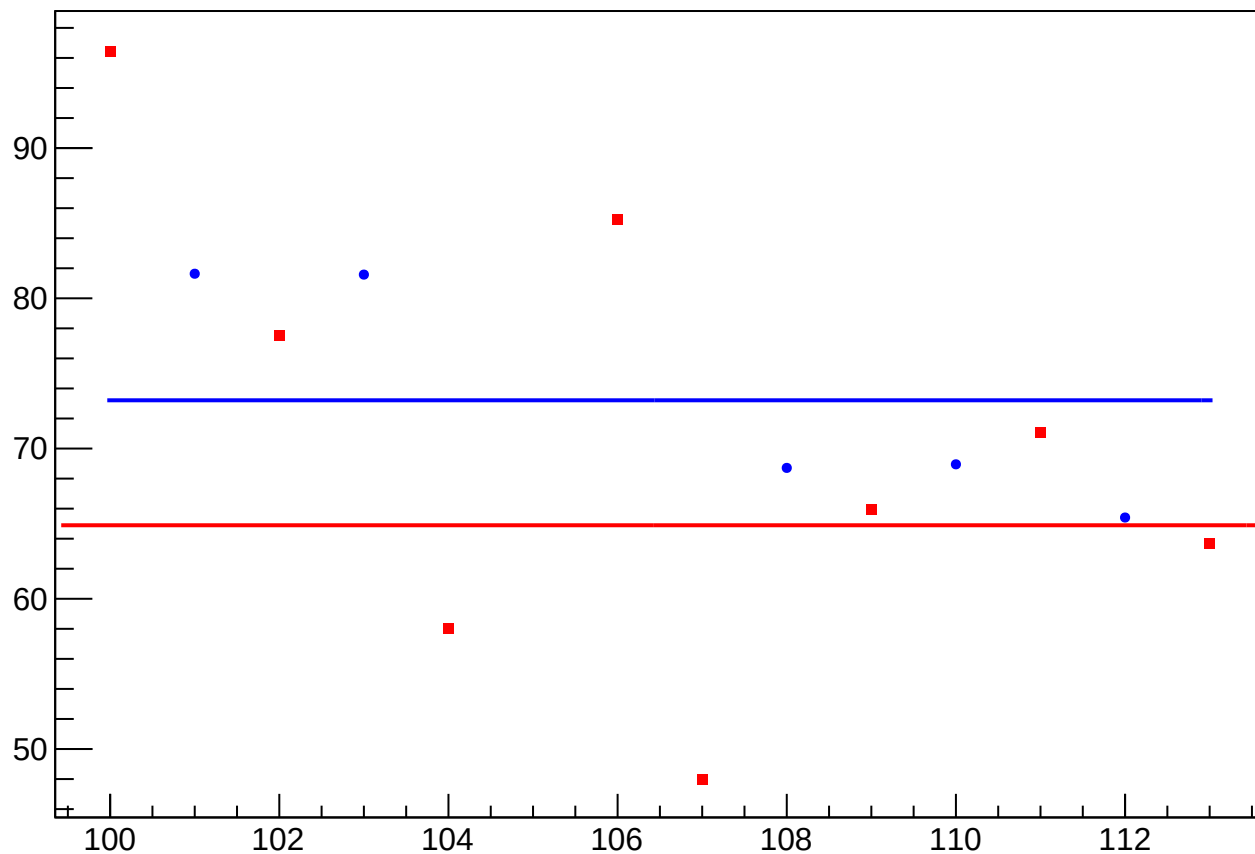
Right: 0.002+/-0.029 χ^2/NDF : 9.3/12

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+/-0.029 χ^2/NDF : 9.3/12

asym_sam_1526_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.212 $\pm$ 0.033 χ^2 /NDF: 46371.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 64.894 $\pm$ 0.026 χ^2 /NDF: 155024.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

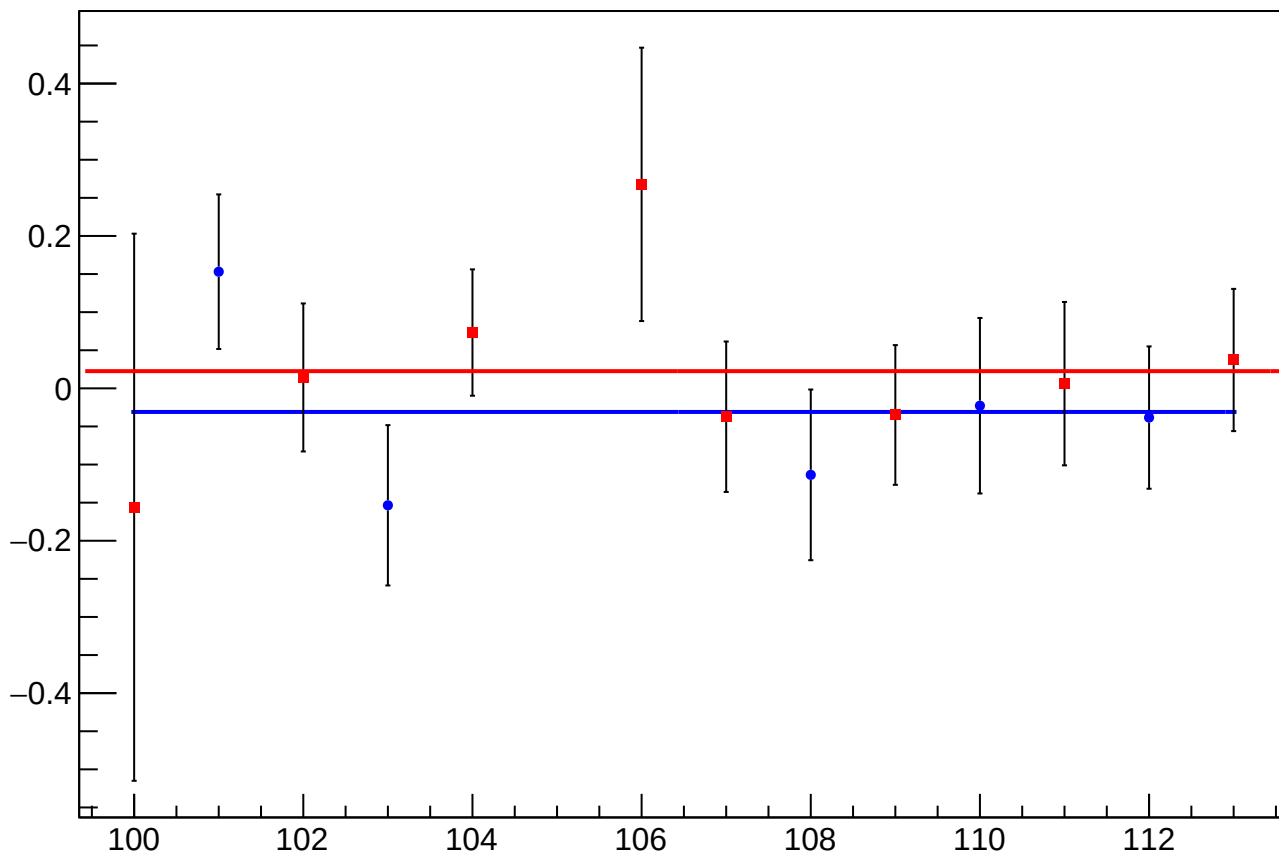
Right: 68.142 $\pm$ 0.021 χ^2 /NDF: 239963.8/12

In: 73.212 $\pm$ 0.033 χ^2 /NDF:46371.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 68.142 $\pm$ 0.021 χ^2 /NDF: 239963.8/12

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: 0.023+/-0.037 χ^2/NDF : 3.3/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

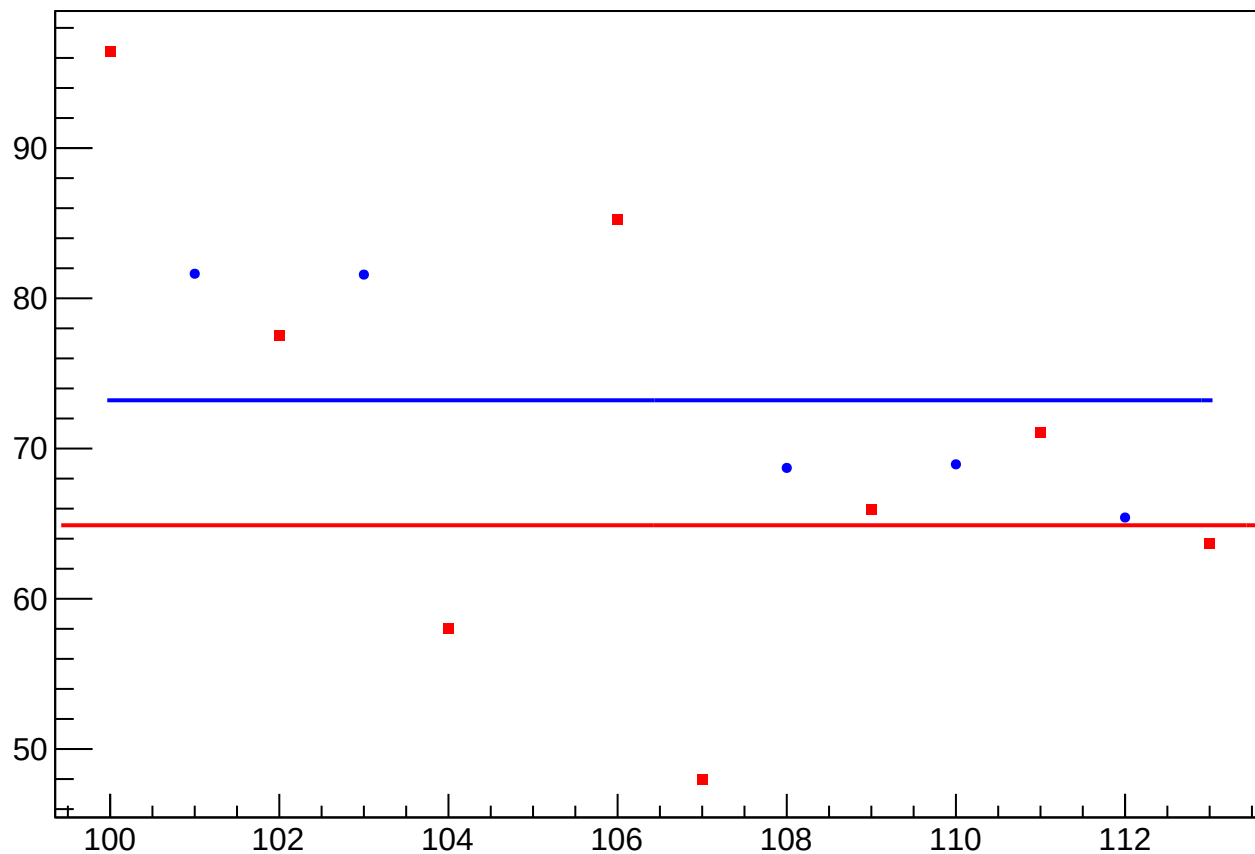
Right: 0.002+/-0.029 χ^2/NDF : 9.3/12

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+/-0.029 χ^2/NDF : 9.3/12

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.212 $\pm$ 0.033 χ^2 /NDF: 46371.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 64.894 $\pm$ 0.026 χ^2 /NDF: 155024.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

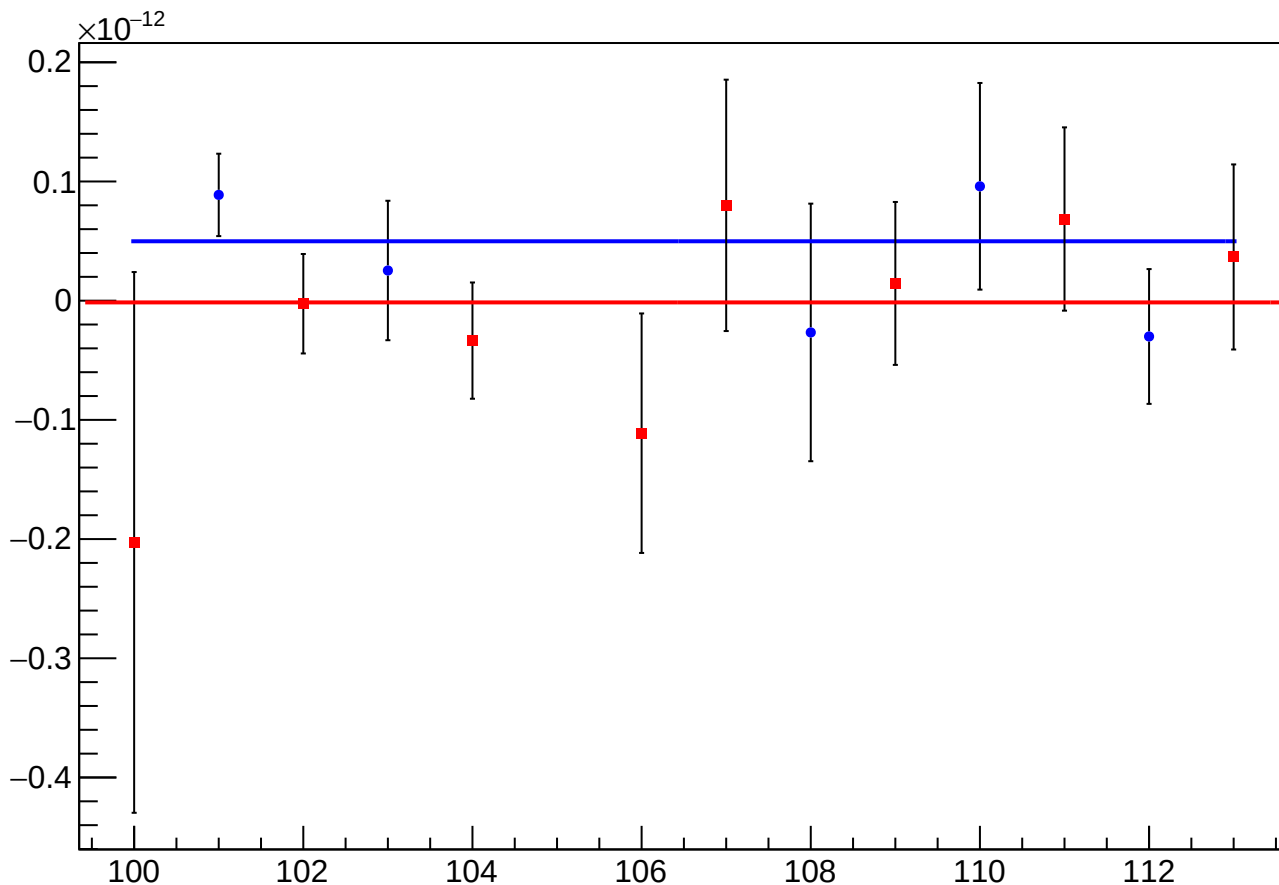
Right: 68.142 $\pm$ 0.021 χ^2 /NDF: 239963.8/12

In: 73.212 $\pm$ 0.033 χ^2 /NDF:46371.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 68.142 $\pm$ 0.021 χ^2 /NDF: 239963.8/12

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: 4.1/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

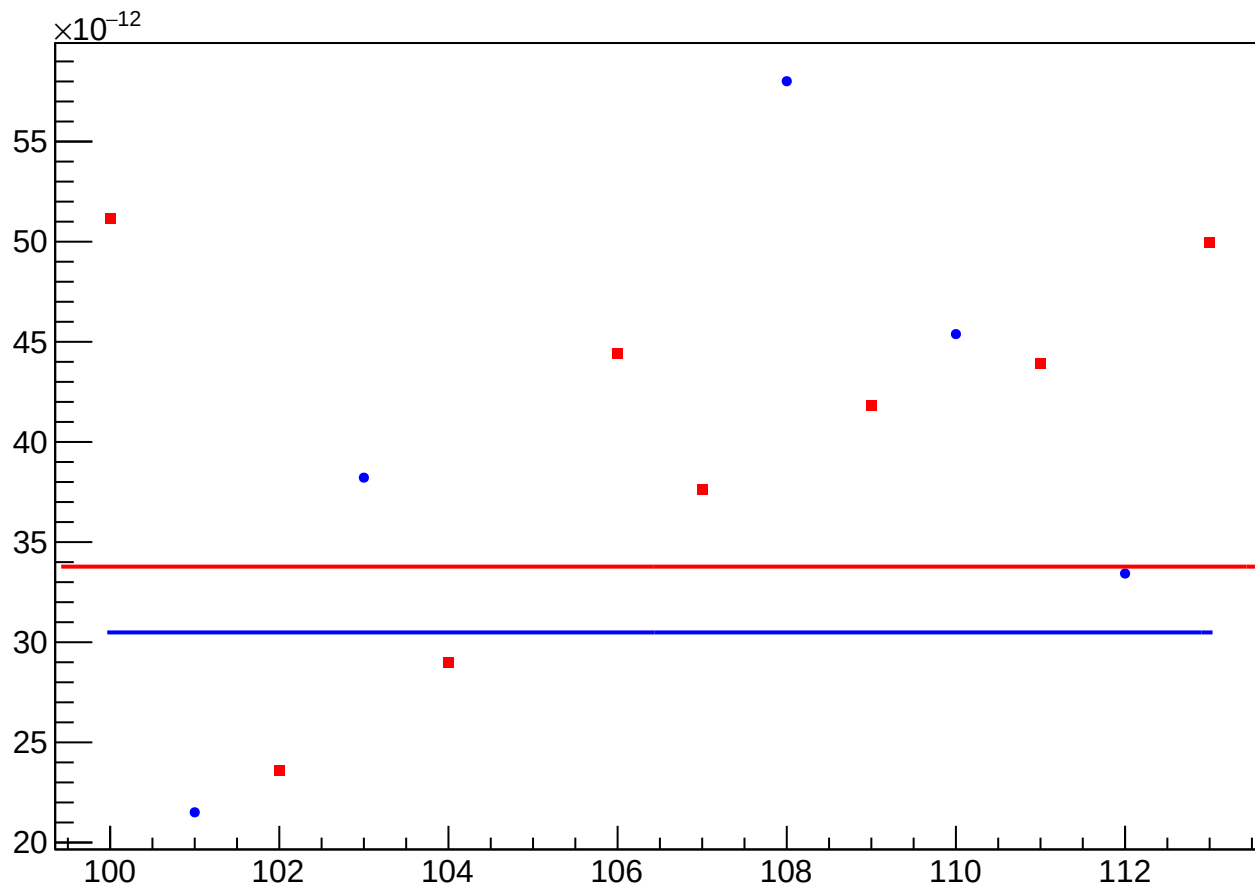
Right: 0.000+/-0.000 χ^2 /NDF: 10.6/12

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: 10.6/12

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 : 324783.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

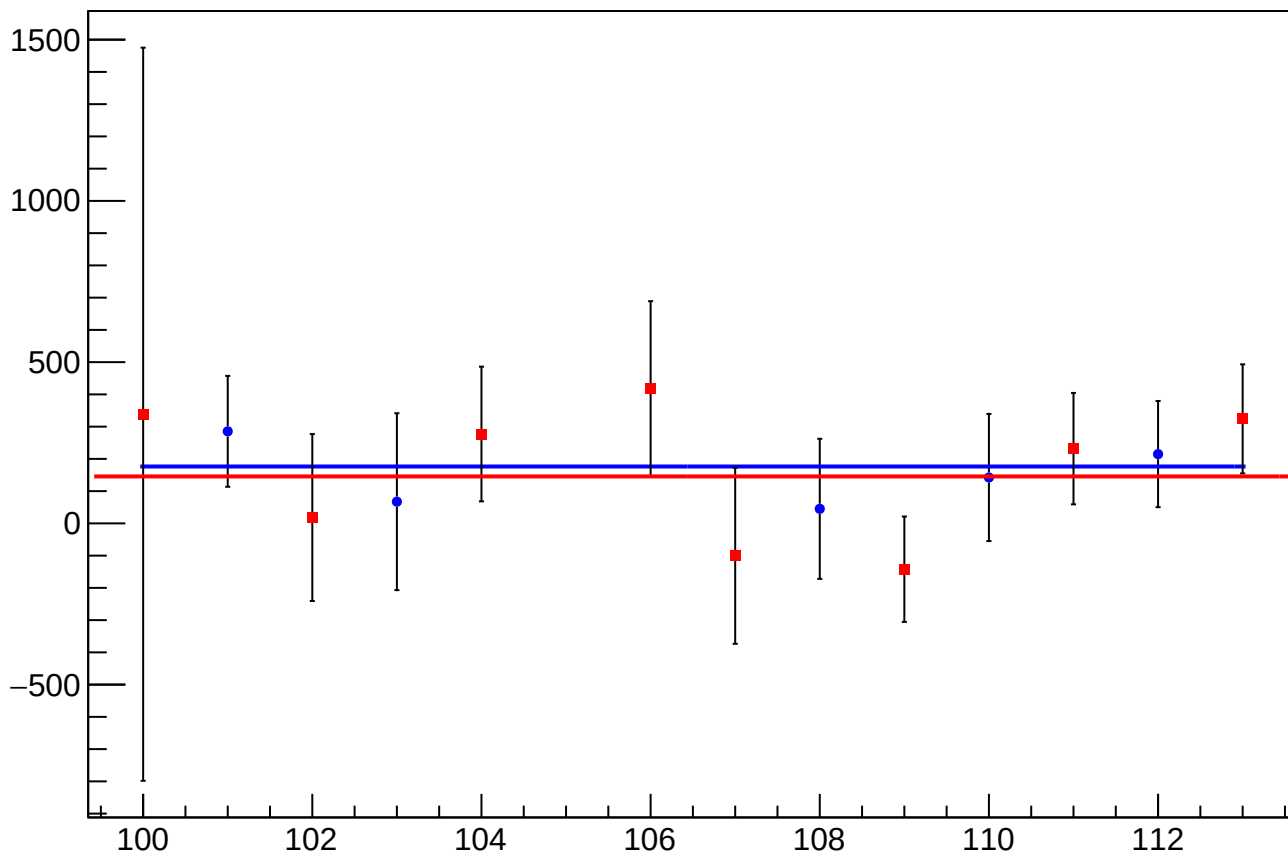
Right: 0.000+/-0.000 χ^2/NDF : 707454.4/12

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 : 707454.4/12

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: 145.616 $\pm$ -76.360 χ^2 /NDF: 6.9/7

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

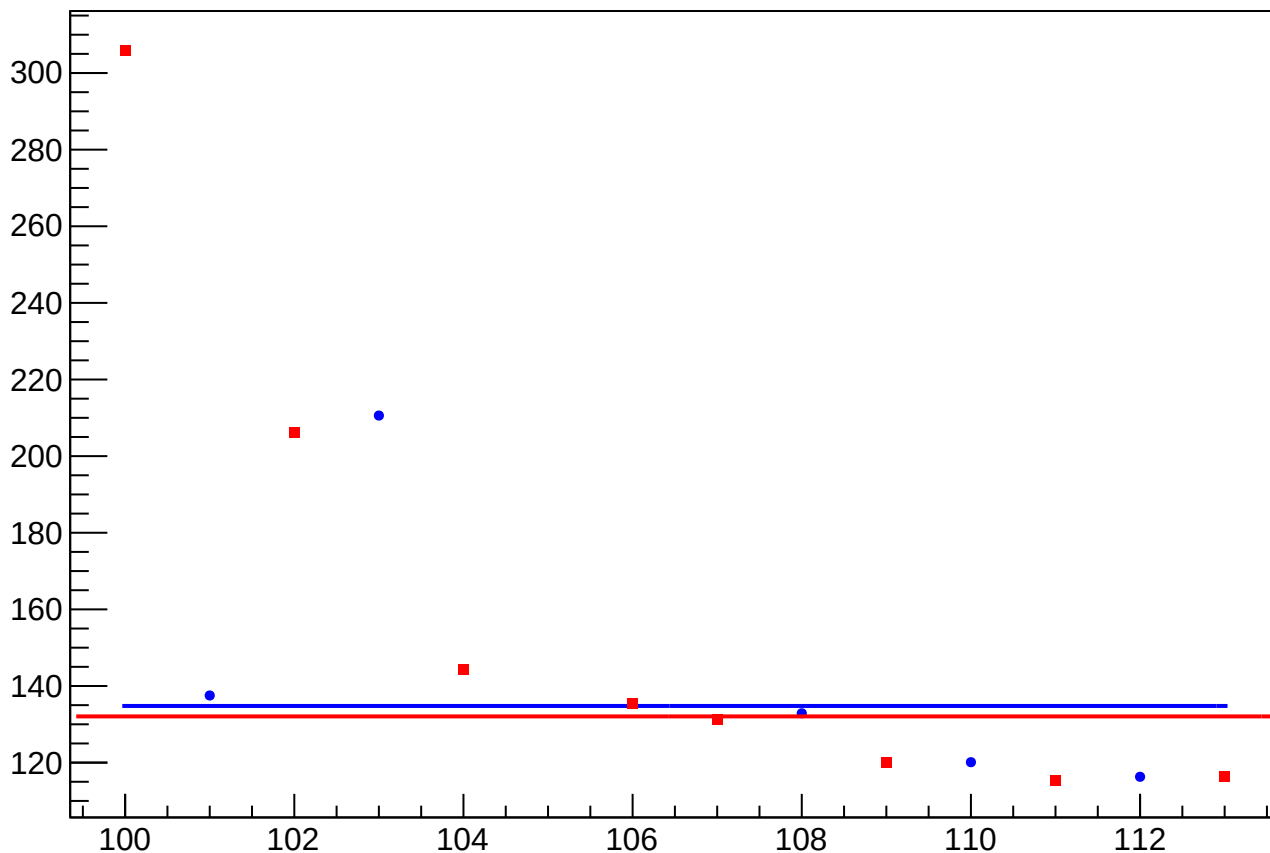
Right: 158.937 $\pm$ -57.503 χ^2 /NDF: 8.0/12

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: 158.937 $\pm$ -57.503 χ^2 /NDF: 8.0/12

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: 132.063 $\pm$ 0.054 χ^2 /NDF: 264241.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

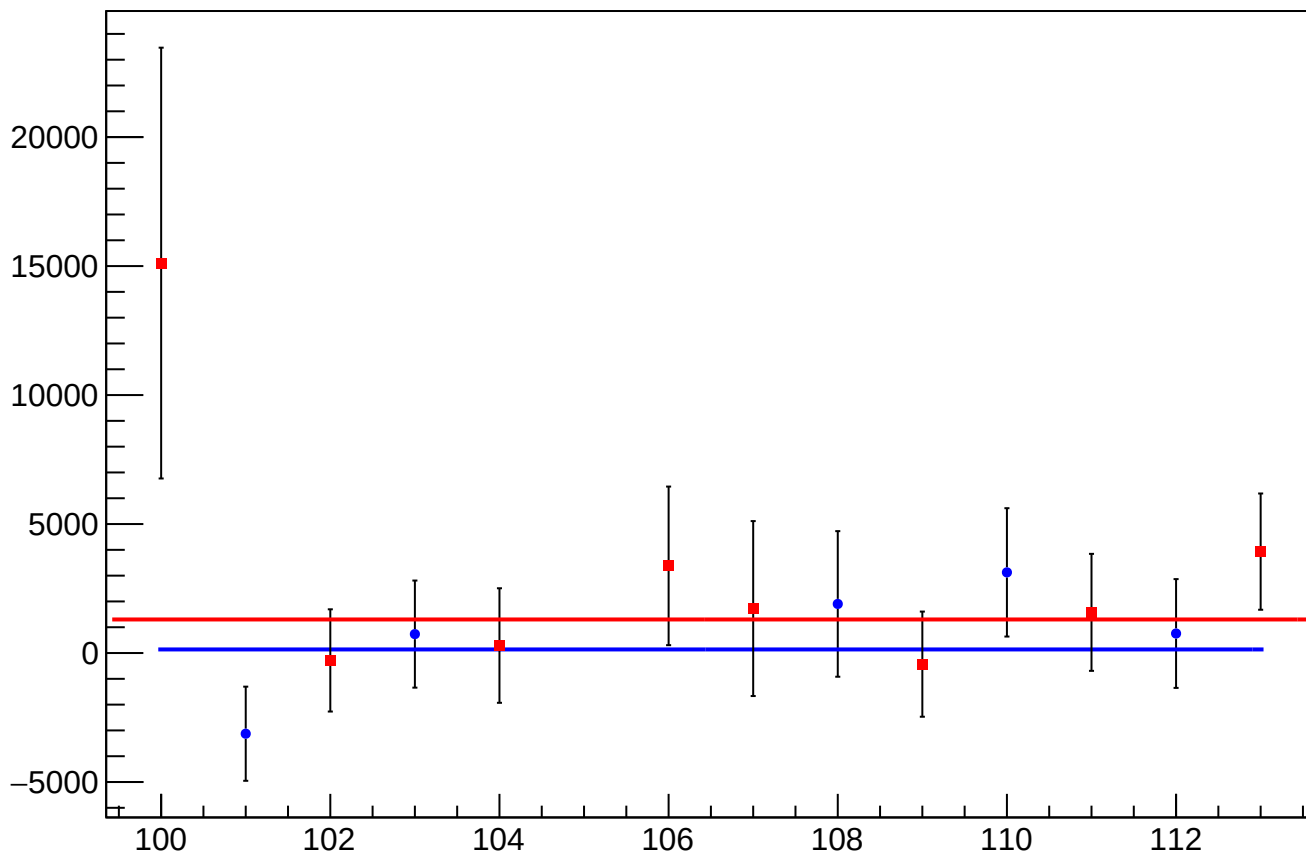
Right: 133.244 $\pm$ 0.041 χ^2 /NDF: 455015.3/12

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: 133.244 $\pm$ 0.041 χ^2 /NDF: 455015.3/12

asym_sam_3726_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 138.992+/-978.531 χ^2/NDF : 5.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1301.072+/-878.129 χ^2/NDF : 6.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

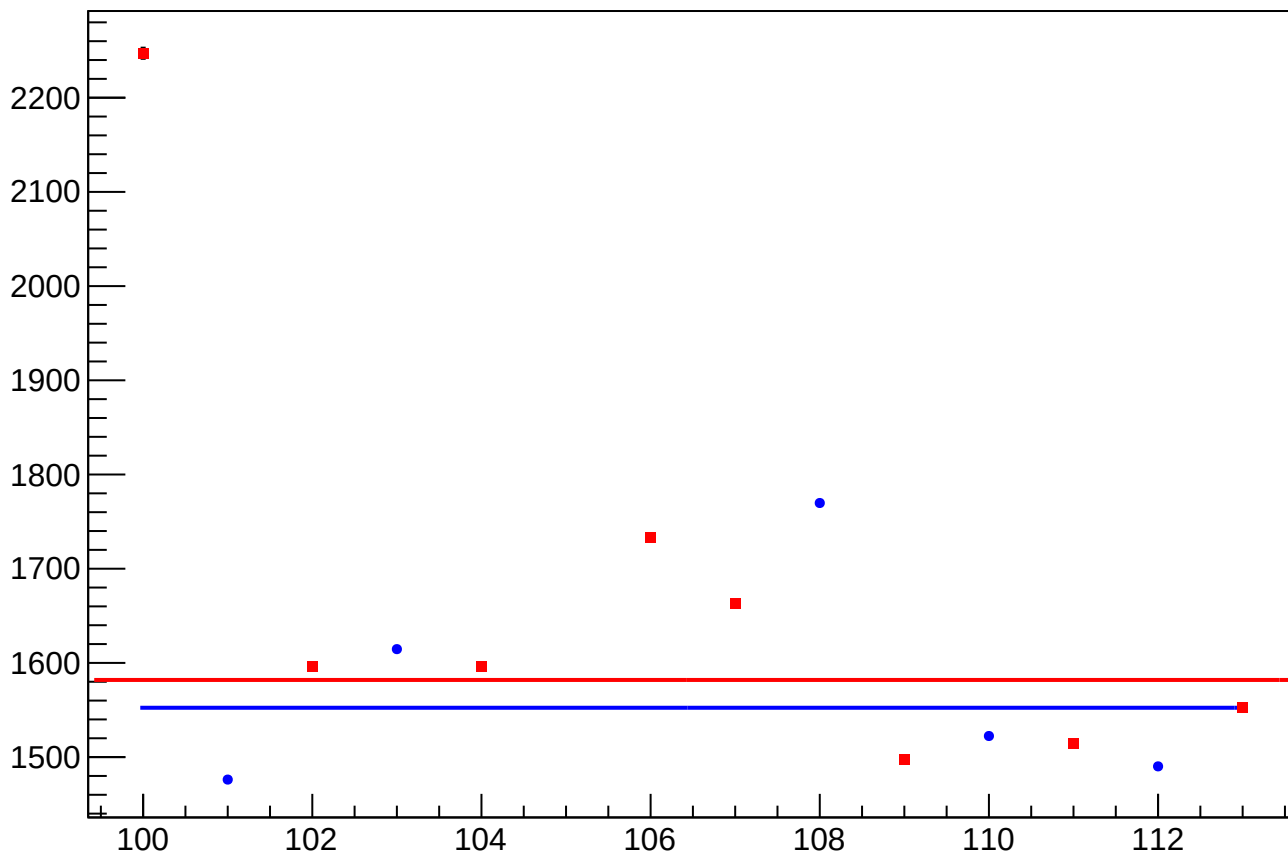
Right: 782.690+/-653.554 χ^2/NDF : 12.1/12

In: 138.992+/-978.531 χ^2/NDF : 5.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 782.690+/-653.554 χ^2/NDF : 12.1/12

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: 1581.906+/-0.621 χ^2/NDF : 24364.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

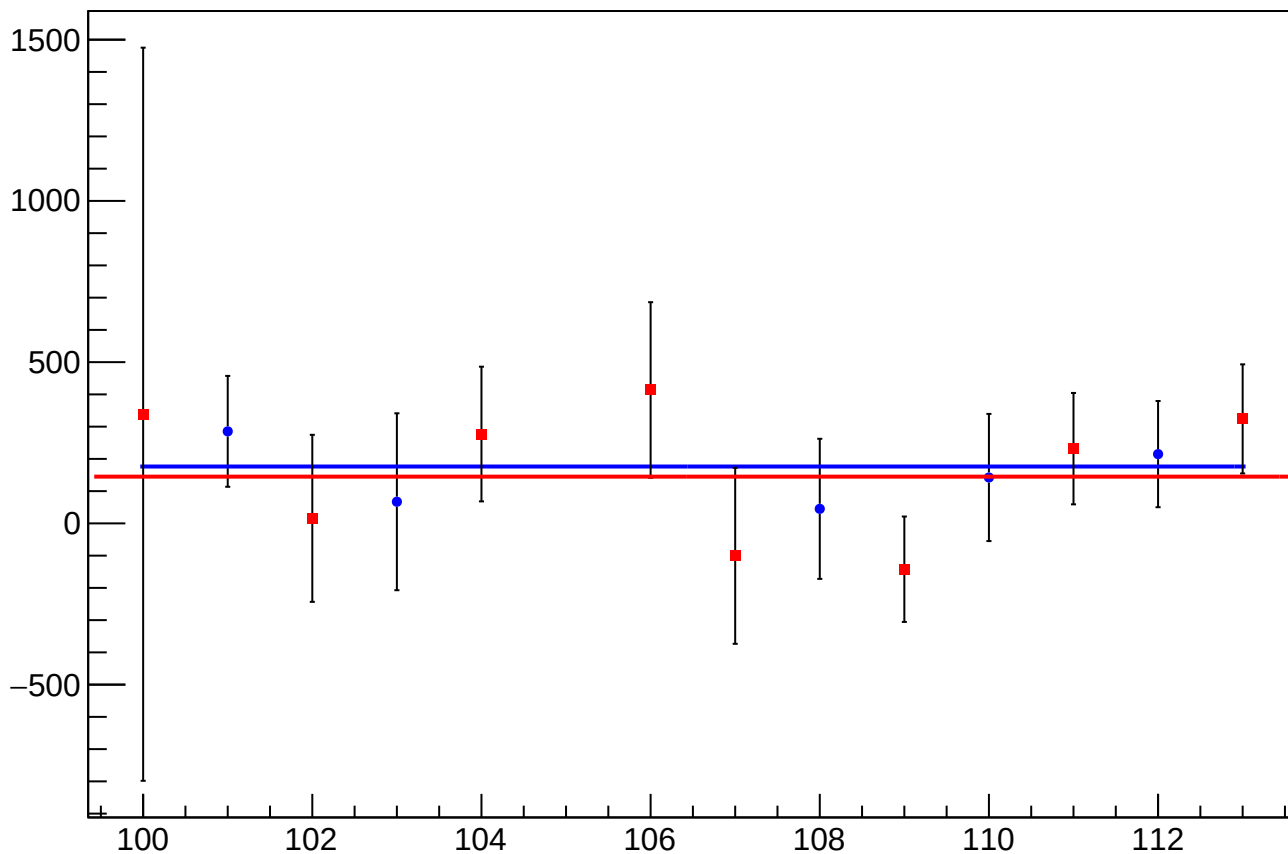
Right: 1568.741+/-0.462 χ^2/NDF : 44558.7/12

In: 1552.394+/-0.692 χ^2/NDF : 19186.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1568.741+/-0.462 χ^2/NDF : 44558.7/12

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: 144.959 $\pm$ 76.382 χ^2 /NDF: 6.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

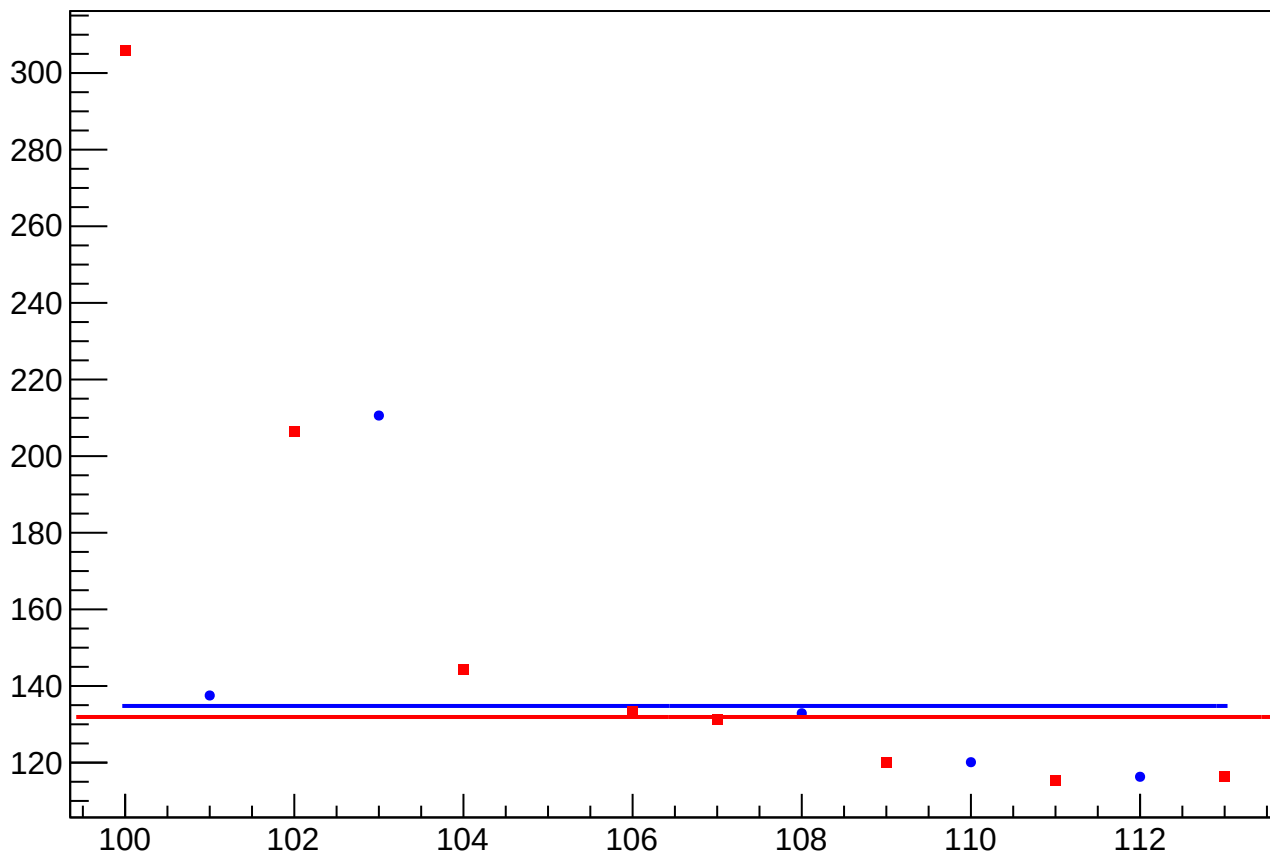
Right: 158.561 $\pm$ 57.513 χ^2 /NDF: 8.0/12

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: 158.561 $\pm$ 57.513 χ^2 /NDF: 8.0/12

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: 131.910 $\pm$ 0.054 χ^2 /NDF: 264304.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

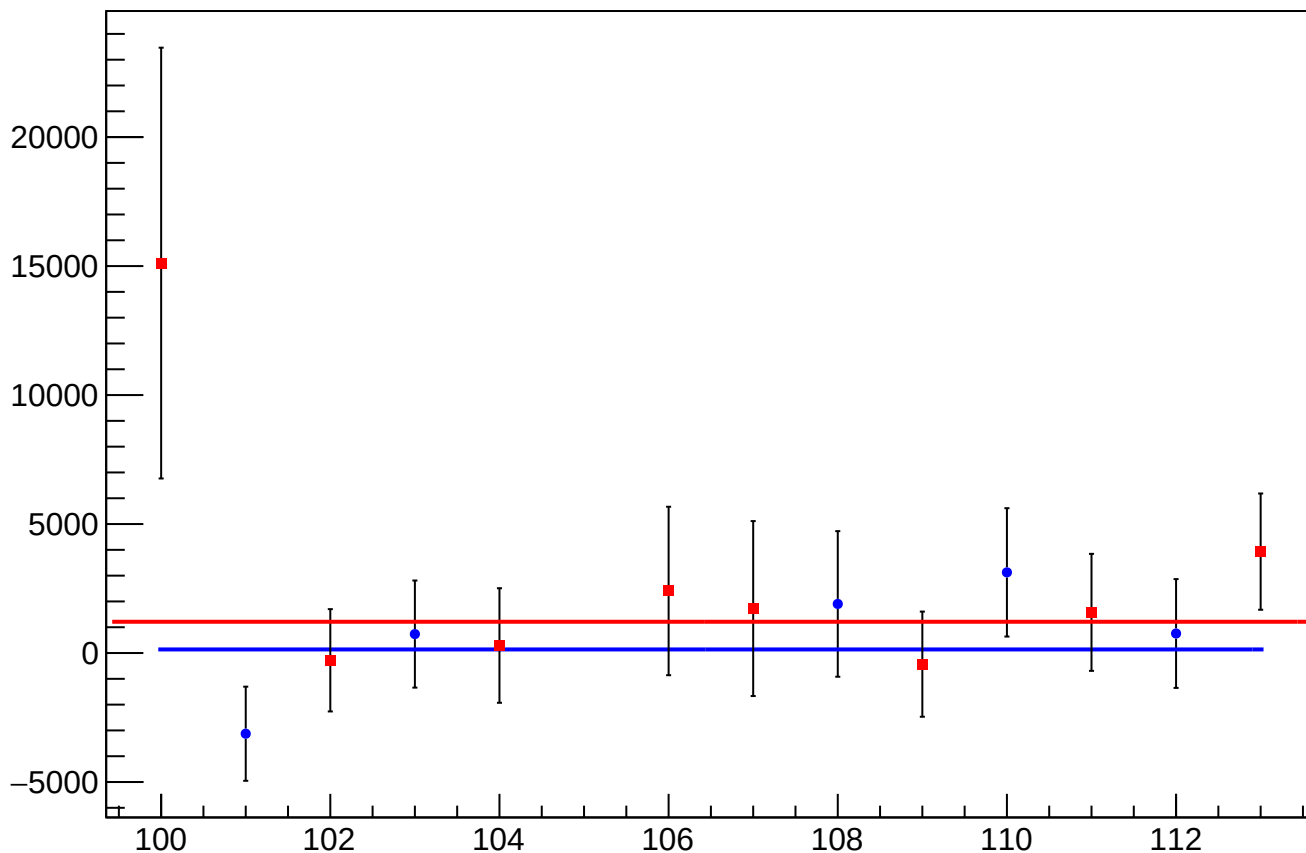
Right: 133.157 $\pm$ 0.041 χ^2 /NDF: 455208.2/12

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: 133.157 $\pm$ 0.041 χ^2 /NDF: 455208.2/12

asym_sam_3726_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 139.182 $\pm$ 978.546 χ^2 /NDF: 5.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1212.132 $\pm$ 882.364 χ^2 /NDF: 5.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

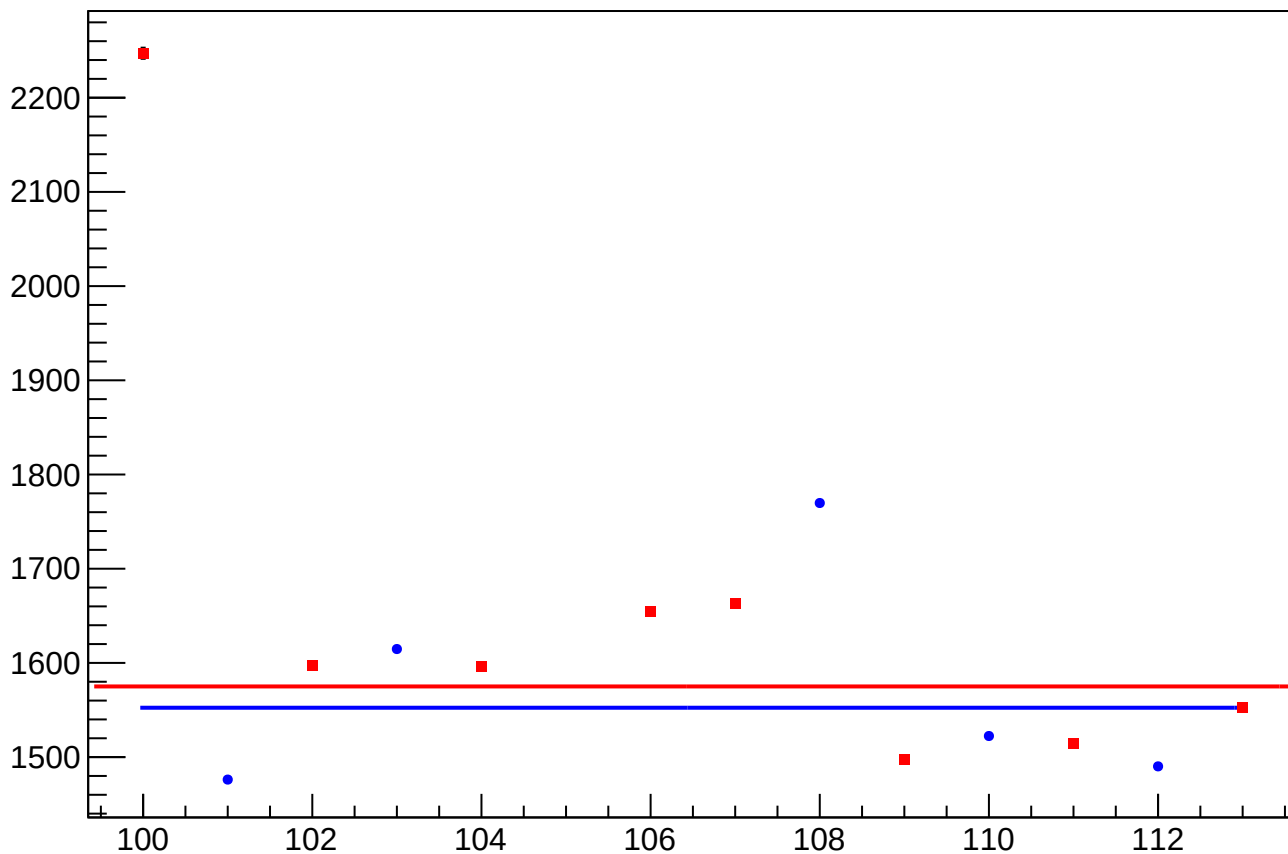
Right: 730.965 $\pm$ 655.299 χ^2 /NDF: 11.7/12

In: 139.182 $\pm$ 978.546 χ^2 /NDF: 5.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 730.965 $\pm$ 655.299 χ^2 /NDF: 11.7/12

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: 1575.011+/-0.624 χ^2/NDF : 20418.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

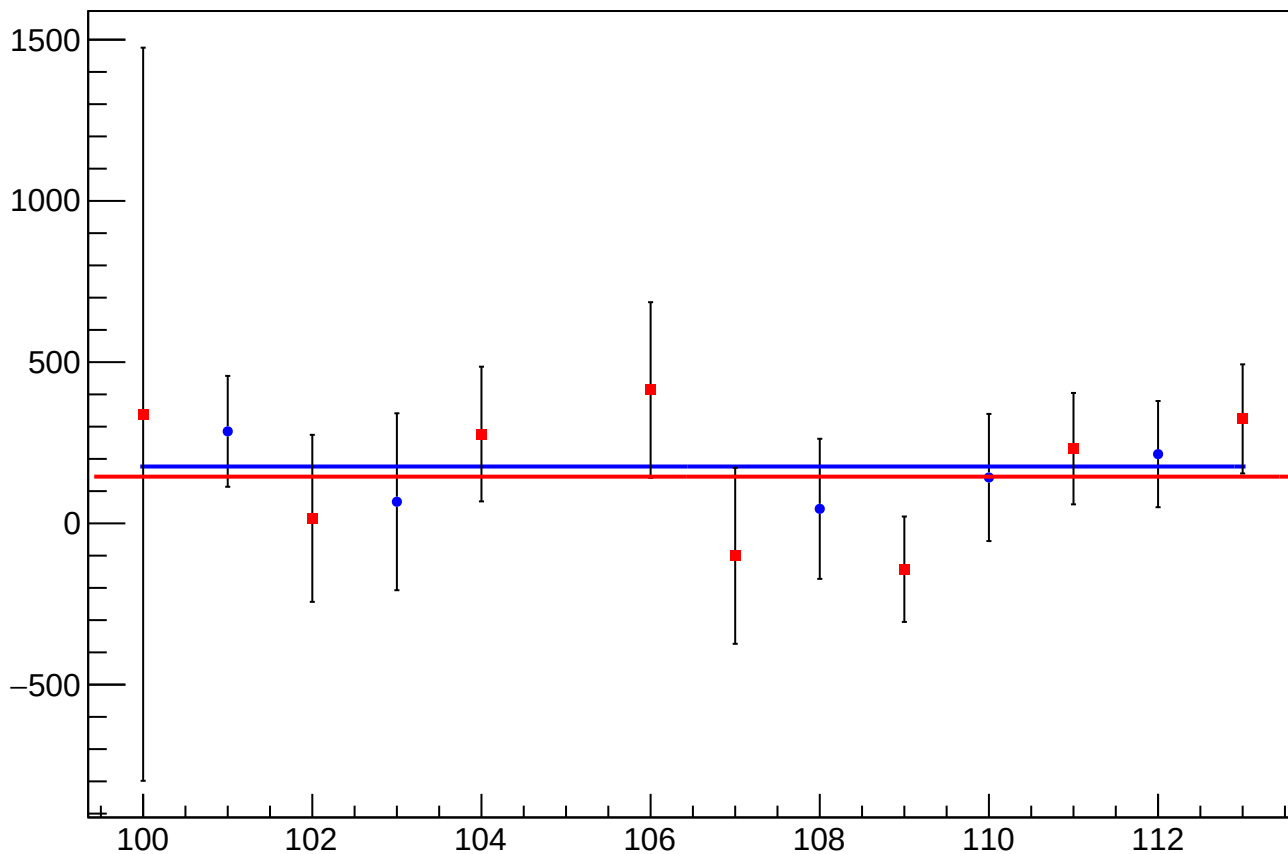
Right: 1564.879+/-0.463 χ^2/NDF : 40198.9/12

In: 1552.417+/-0.692 χ^2/NDF : 19192.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1564.879+/-0.463 χ^2/NDF : 40198.9/12

eigen_cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 176.370+/-87.398 χ^2/NDF : 1.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.959+/-76.382 χ^2/NDF : 6.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

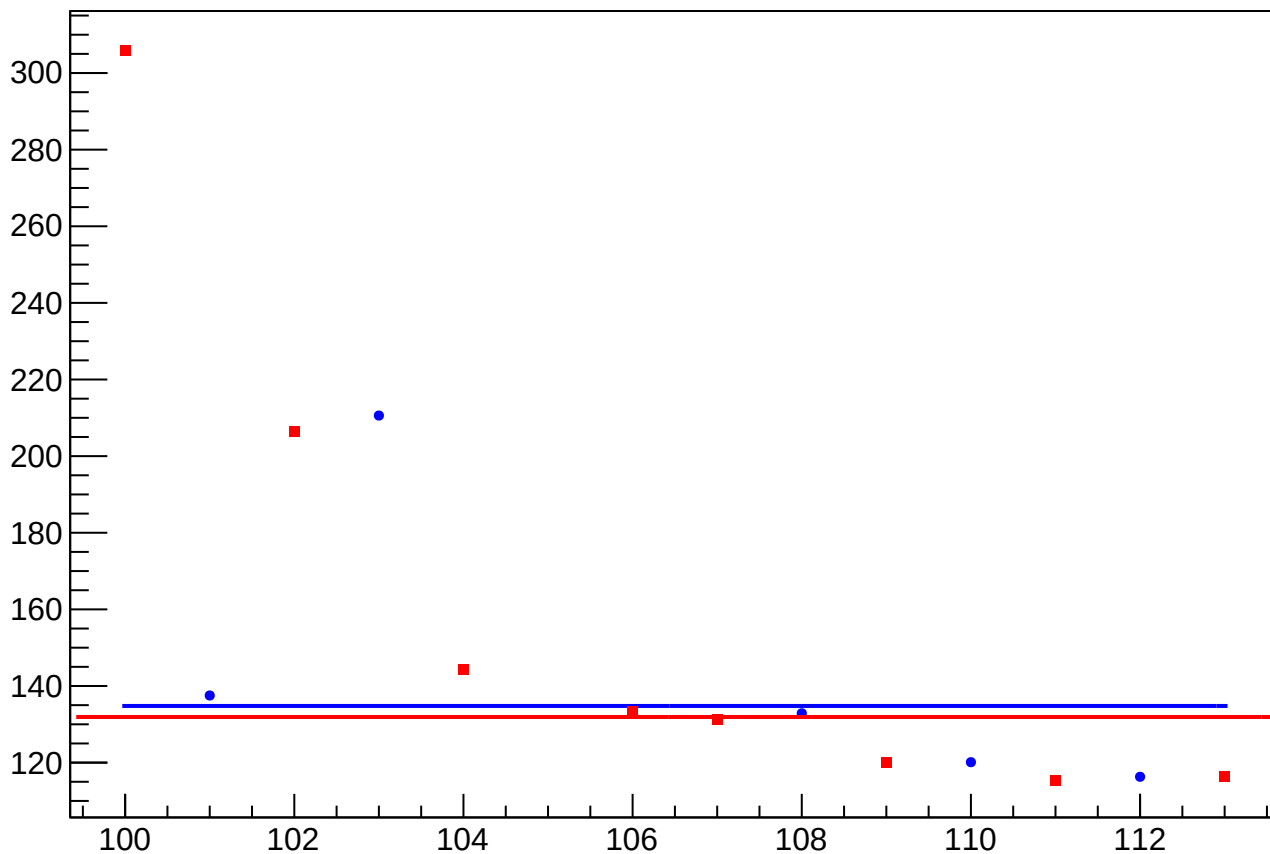
Right: 158.561+/-57.513 χ^2/NDF : 8.0/12

In: 176.370+/-87.398 χ^2/NDF : 1.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.561+/-57.513 χ^2/NDF : 8.0/12

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: 131.910 $\pm$ 0.054 χ^2 /NDF: 264304.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

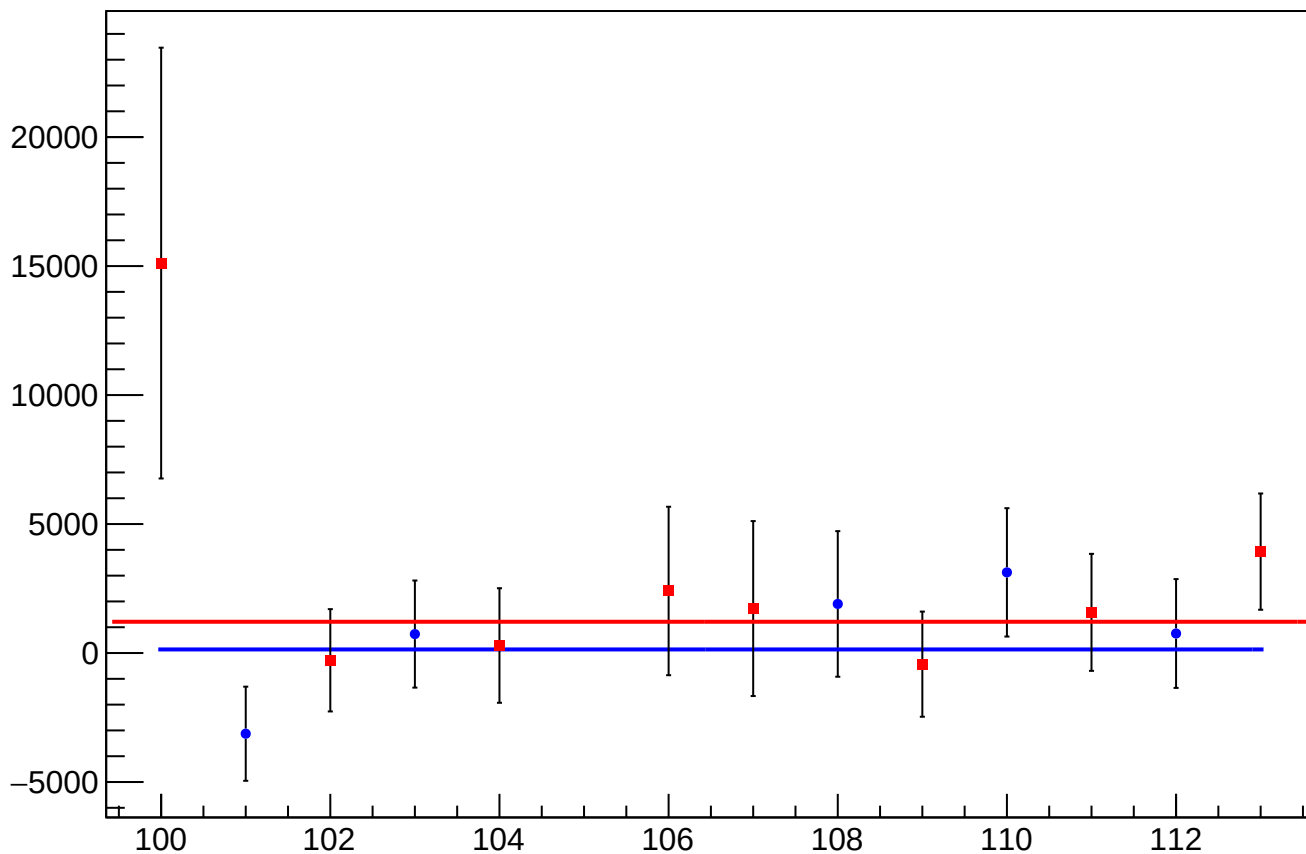
Right: 133.157 $\pm$ 0.041 χ^2 /NDF: 455208.2/12

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: 133.157 $\pm$ 0.041 χ^2 /NDF: 455208.2/12

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: 1212.132+/-882.364 χ^2/NDF : 5.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

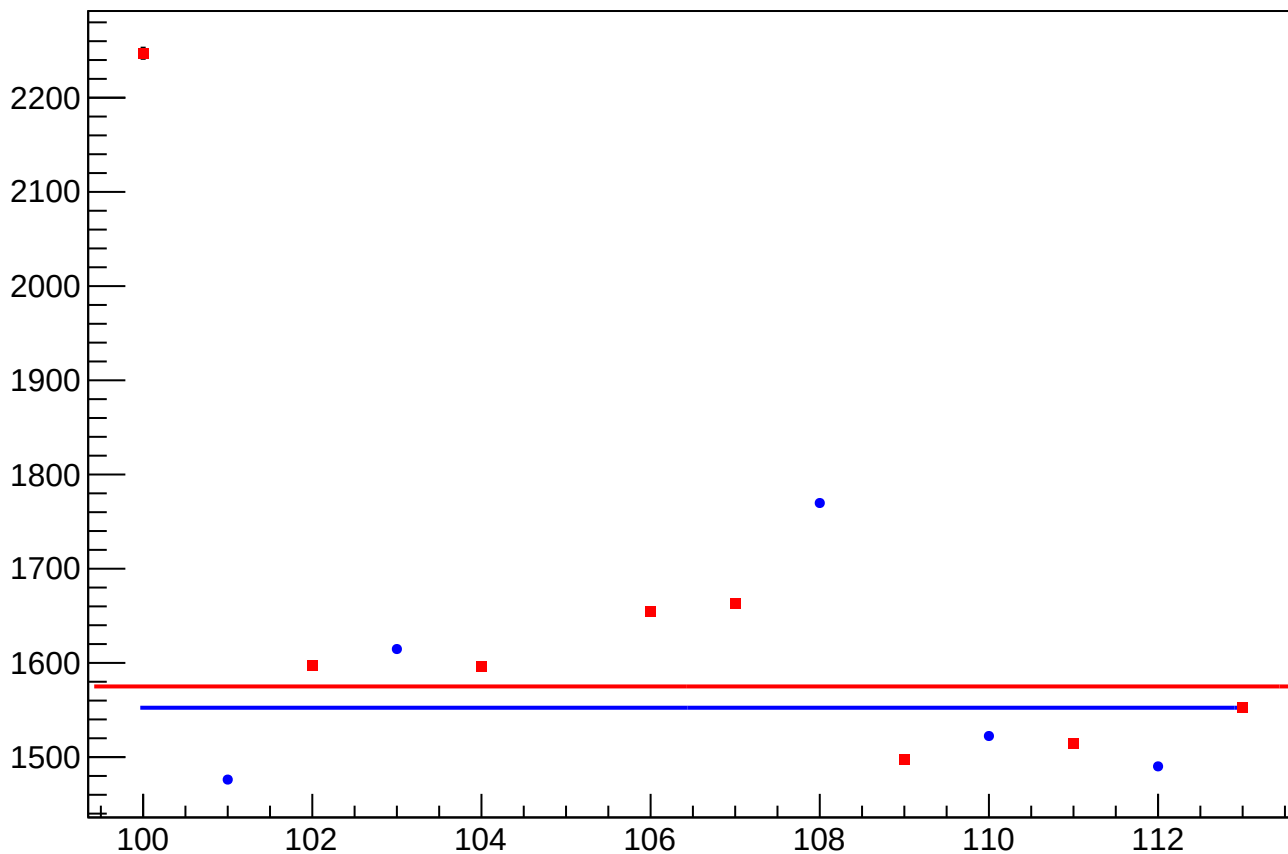
Right: 730.965+/-655.299 χ^2/NDF : 11.7/12

In: 139.182+/-978.546 χ^2/NDF : 5.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 730.965+/-655.299 χ^2/NDF : 11.7/12

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: 1575.011+/-0.624 χ^2/NDF : 20418.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

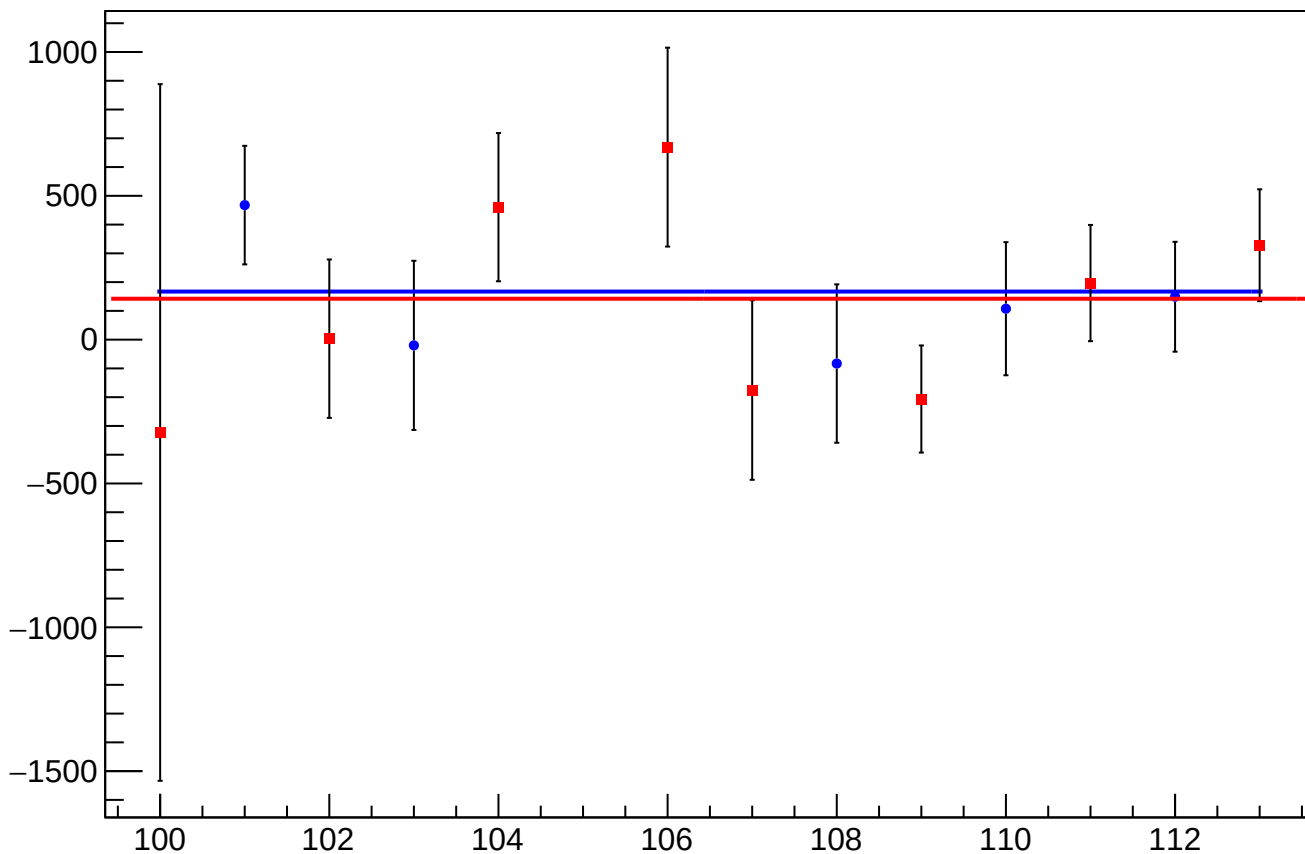
Right: 1564.879+/-0.463 χ^2/NDF : 40198.9/12

In: 1552.417+/-0.692 χ^2/NDF : 19192.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1564.879+/-0.463 χ^2/NDF : 40198.9/12

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: 142.260 $\pm$ 88.597 χ^2 /NDF: 9.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

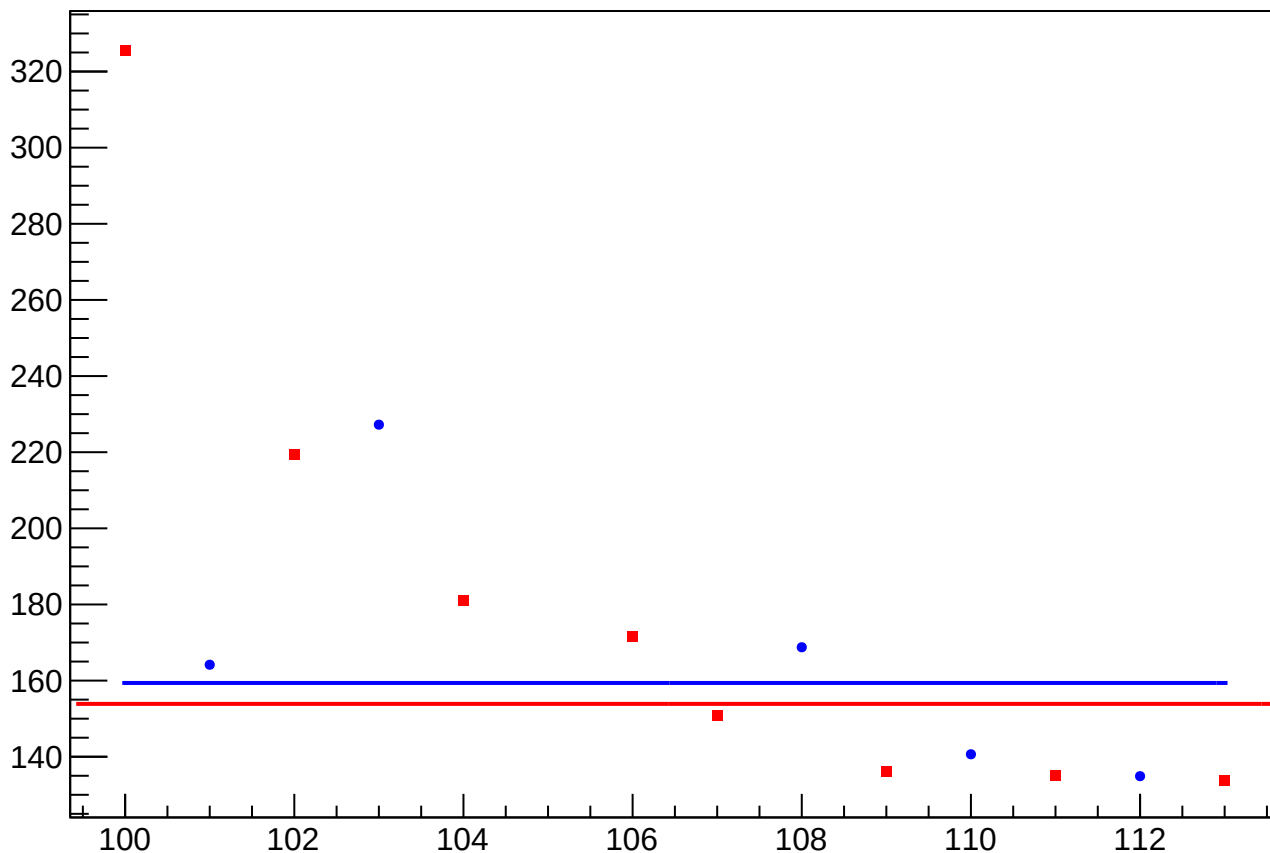
Right: 152.876 $\pm$ 67.144 χ^2 /NDF: 13.2/12

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: 152.876 $\pm$ 67.144 χ^2 /NDF: 13.2/12

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: 153.884+/-0.063 χ^2/NDF : 238108.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

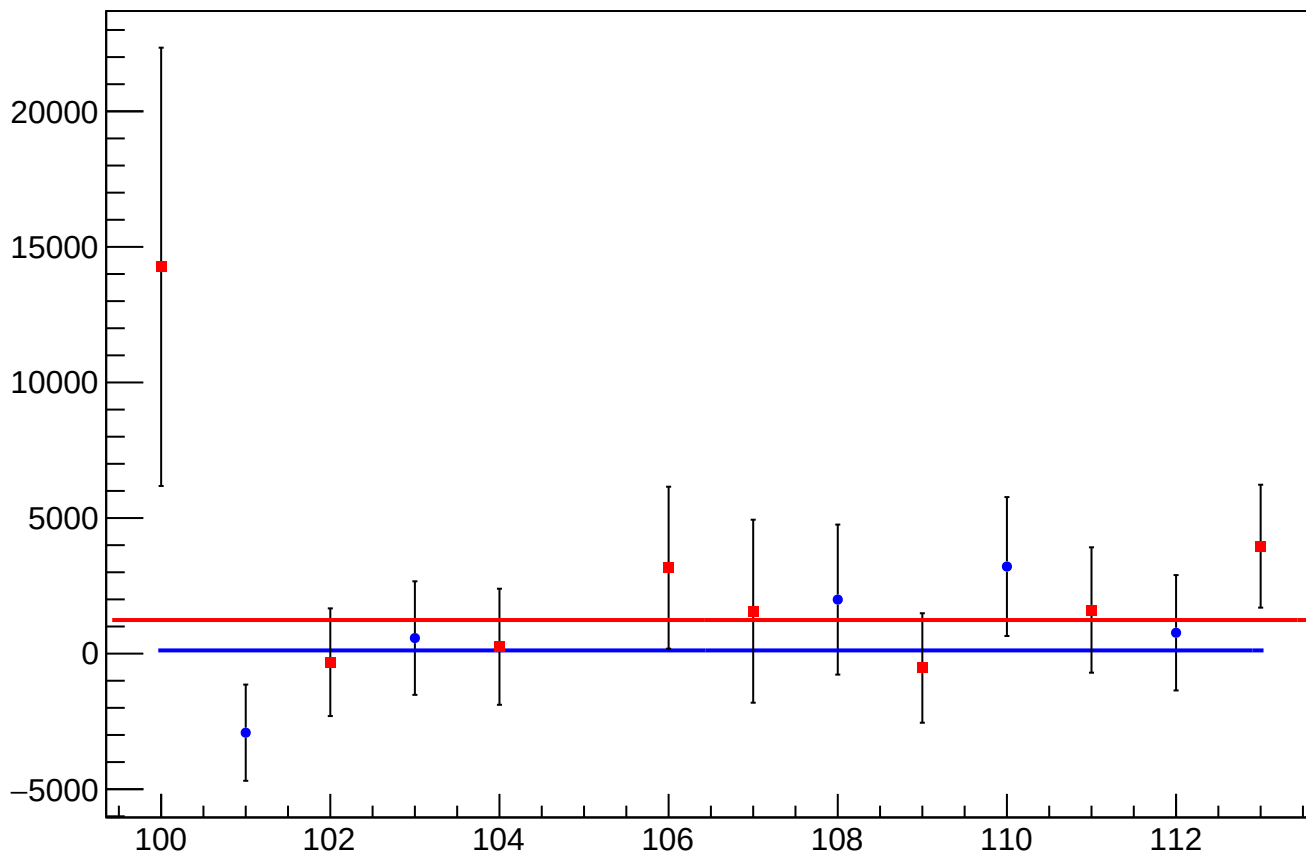
Right: 156.224+/-0.047 χ^2/NDF : 397349.0/12

In: 159.381+/-0.073 χ^2/NDF : 155962.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.224+/-0.047 χ^2/NDF : 397349.0/12

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: 1238.981+/-872.295 χ^2/NDF : 6.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

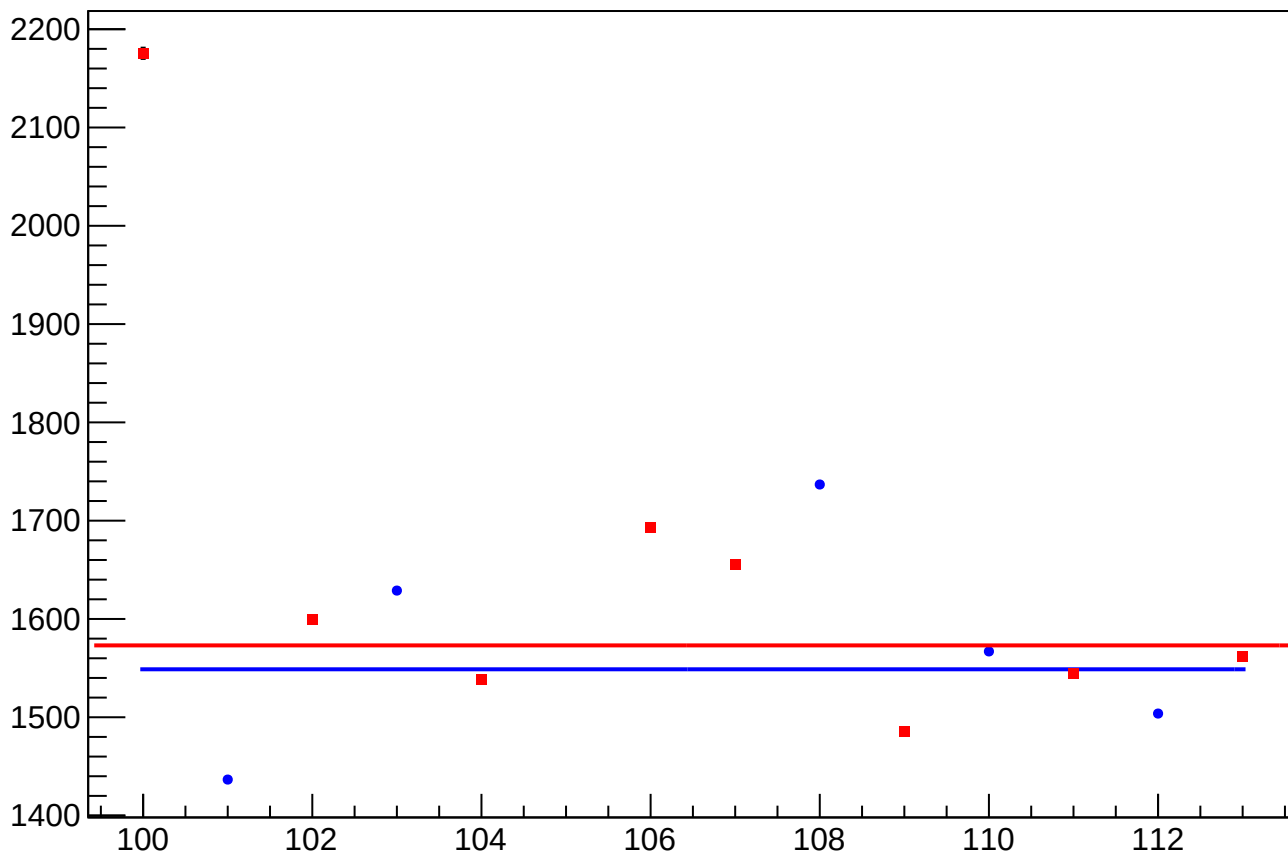
Right: 741.188+/-650.374 χ^2/NDF : 11.8/12

In: 118.066+/-975.945 χ^2/NDF : 5.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 741.188+/-650.374 χ^2/NDF : 11.8/12

asym_sam_3726_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1548.797+/-0.690 χ^2/NDF : 21156.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1573.110+/-0.617 χ^2/NDF : 20527.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

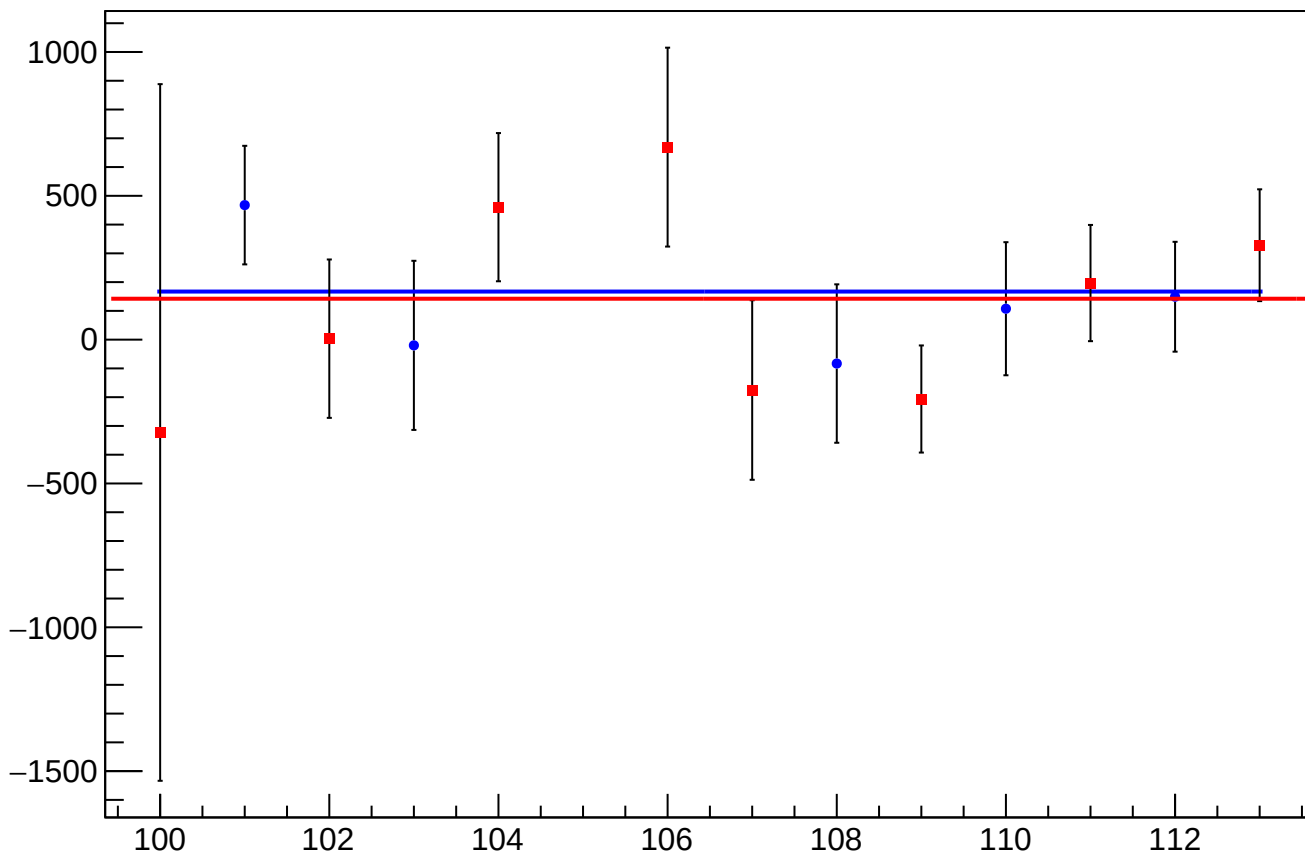
Right: 1562.313+/-0.460 χ^2/NDF : 42374.4/12

In: 1548.797+/-0.690 χ^2/NDF : 21156.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1562.313+/-0.460 χ^2/NDF : 42374.4/12

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: 142.255 $\pm$ 88.597 χ^2 /NDF: 9.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

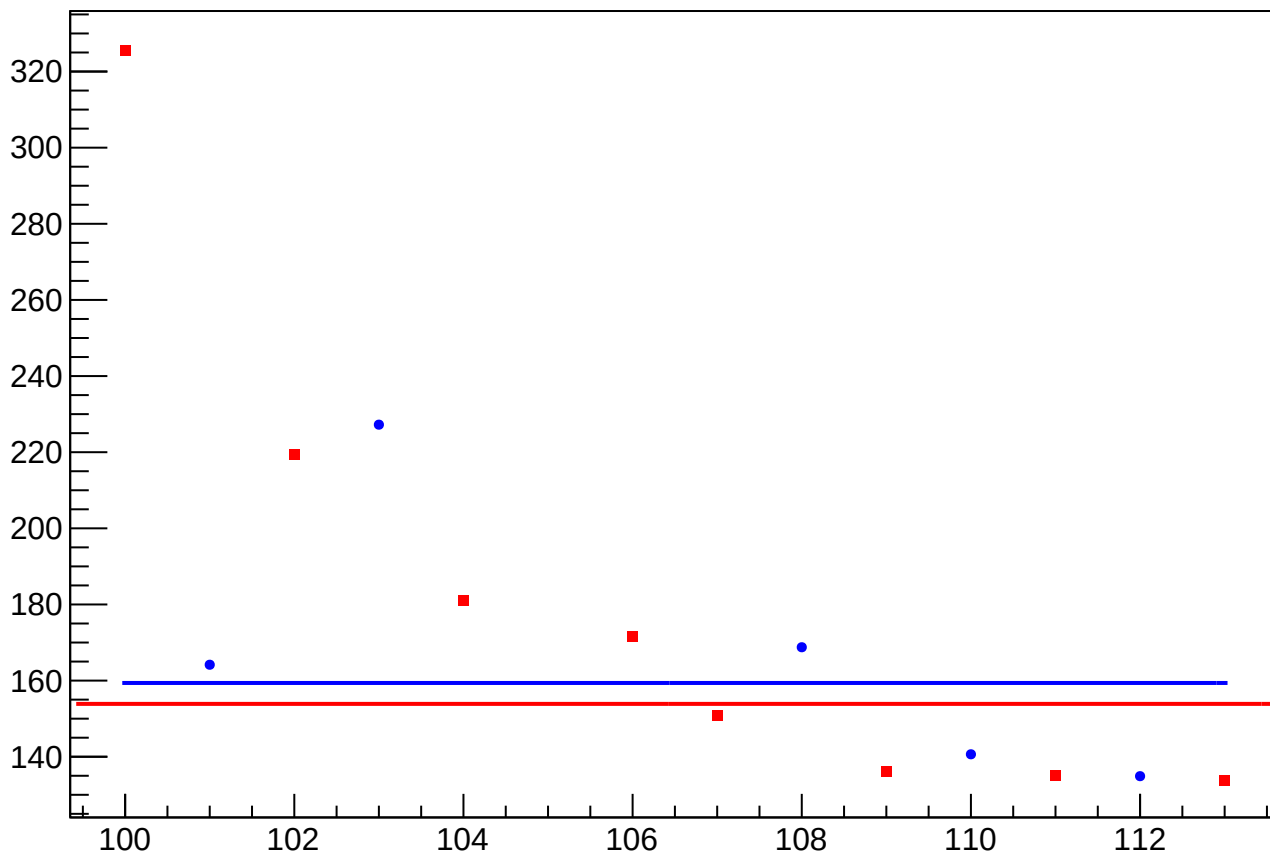
Right: 152.870 $\pm$ 67.144 χ^2 /NDF: 13.2/12

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: 152.870 $\pm$ 67.144 χ^2 /NDF: 13.2/12

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: 153.884+/-0.063 χ^2/NDF : 238116.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

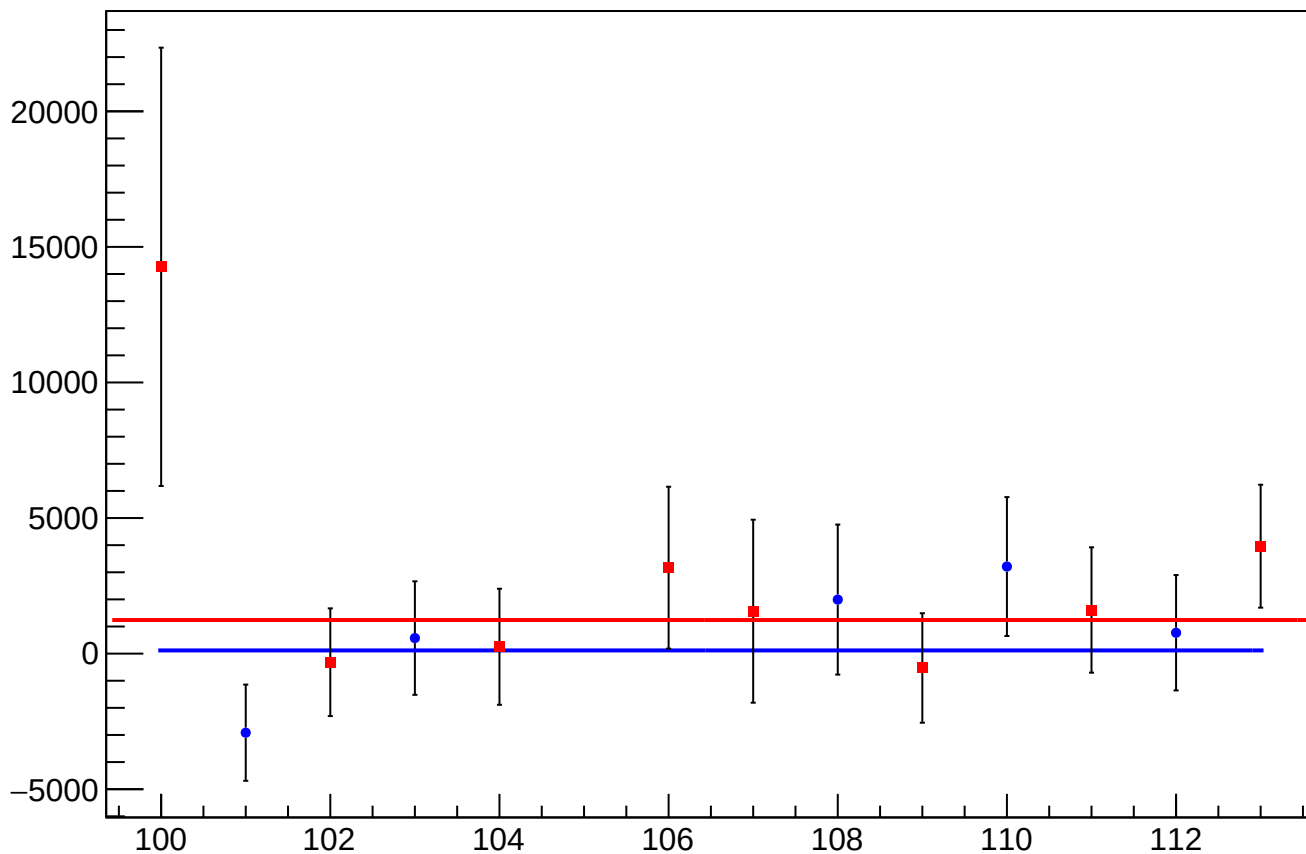
Right: 156.223+/-0.047 χ^2/NDF : 397361.8/12

In: 159.381+/-0.073 χ^2/NDF : 155968.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.223+/-0.047 χ^2/NDF : 397361.8/12

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: 1238.978+/-872.292 χ^2/NDF : 6.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

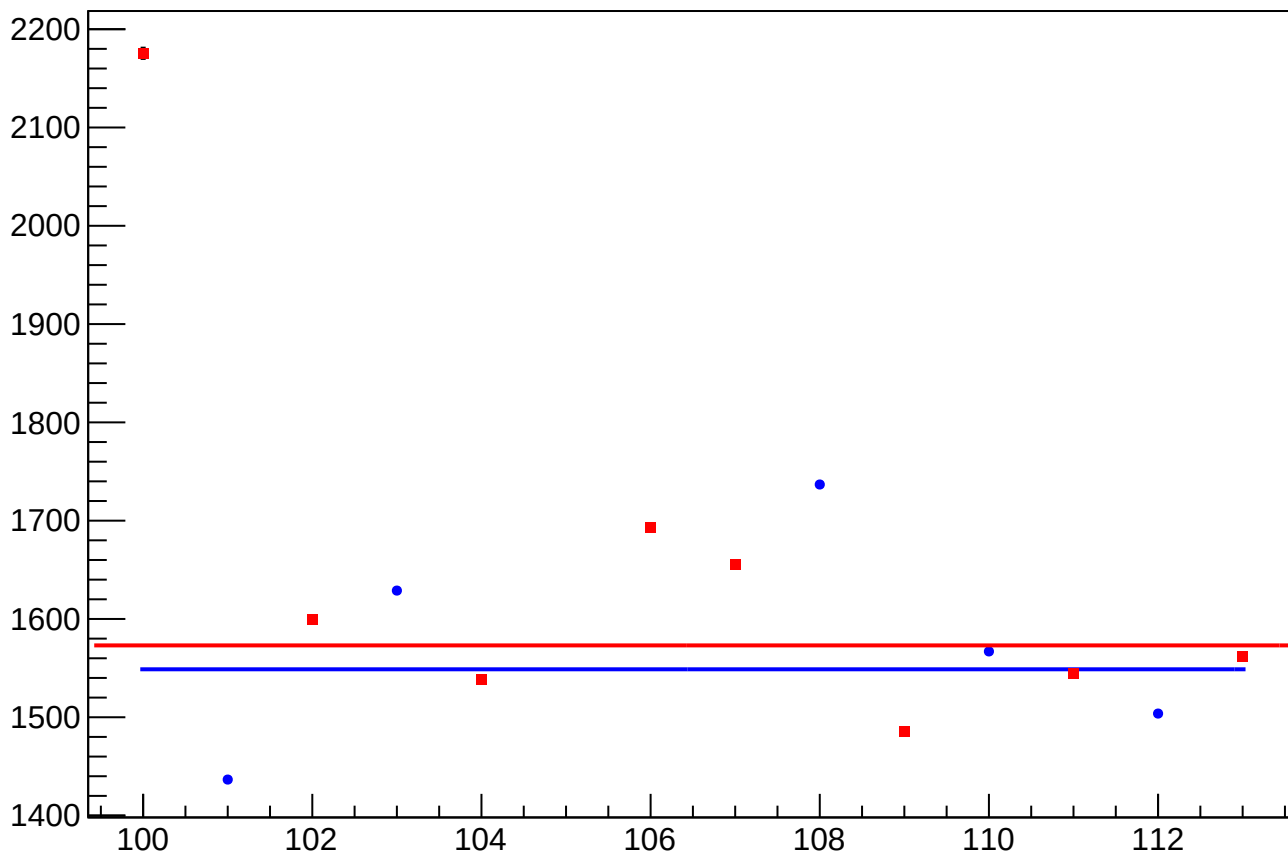
Right: 741.186+/-650.372 χ^2/NDF : 11.8/12

In: 118.067+/-975.942 χ^2/NDF : 5.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 741.186+/-650.372 χ^2/NDF : 11.8/12

asym_sam_3726_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1548.792+/-0.690 χ^2/NDF : 21156.8/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1573.105+/-0.617 χ^2/NDF : 20528.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

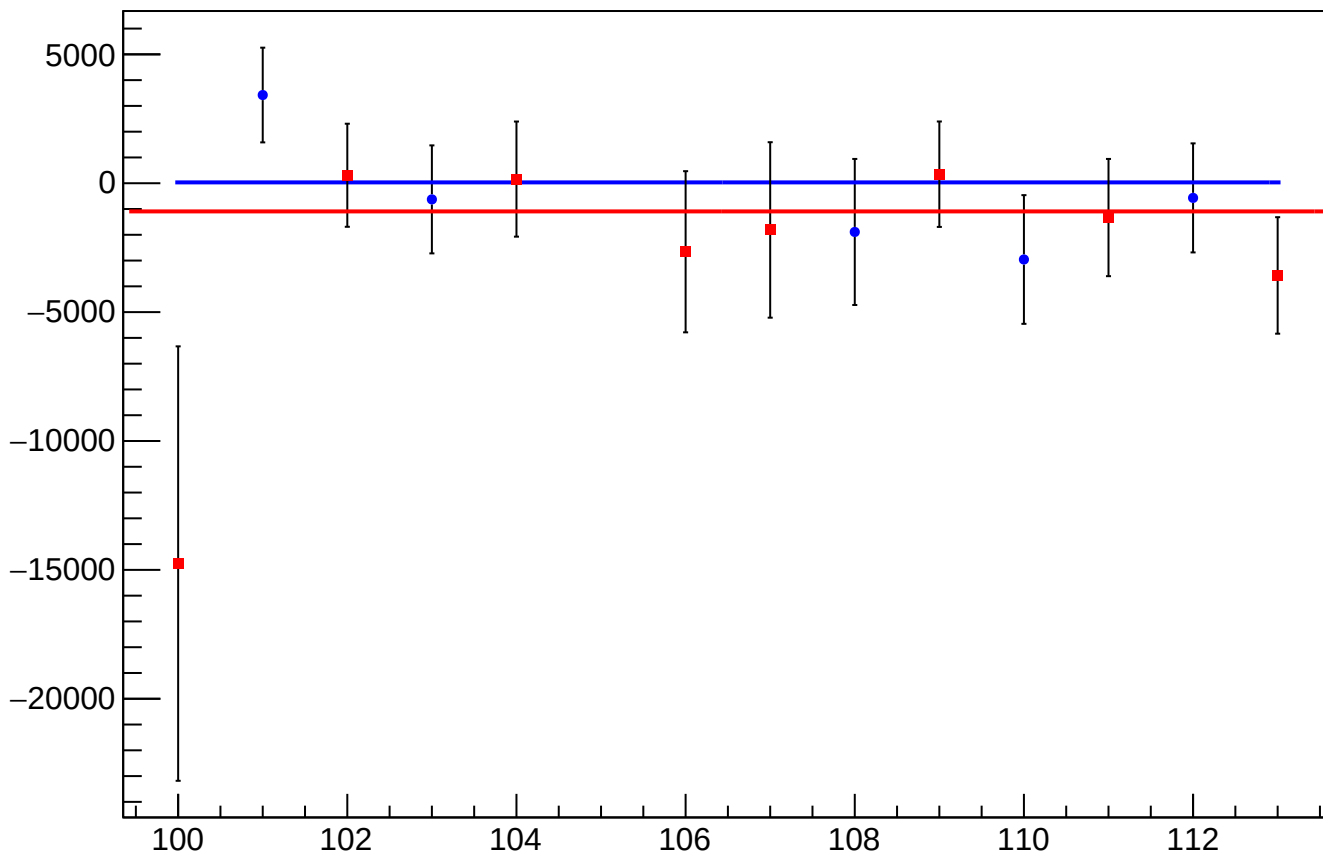
Right: 1562.307+/-0.460 χ^2/NDF : 42374.9/12

In: 1548.792+/-0.690 χ^2/NDF :21156.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1562.307+/-0.460 χ^2/NDF : 42374.9/12

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: -1092.865+/-883.319 χ^2/NDF : 5.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

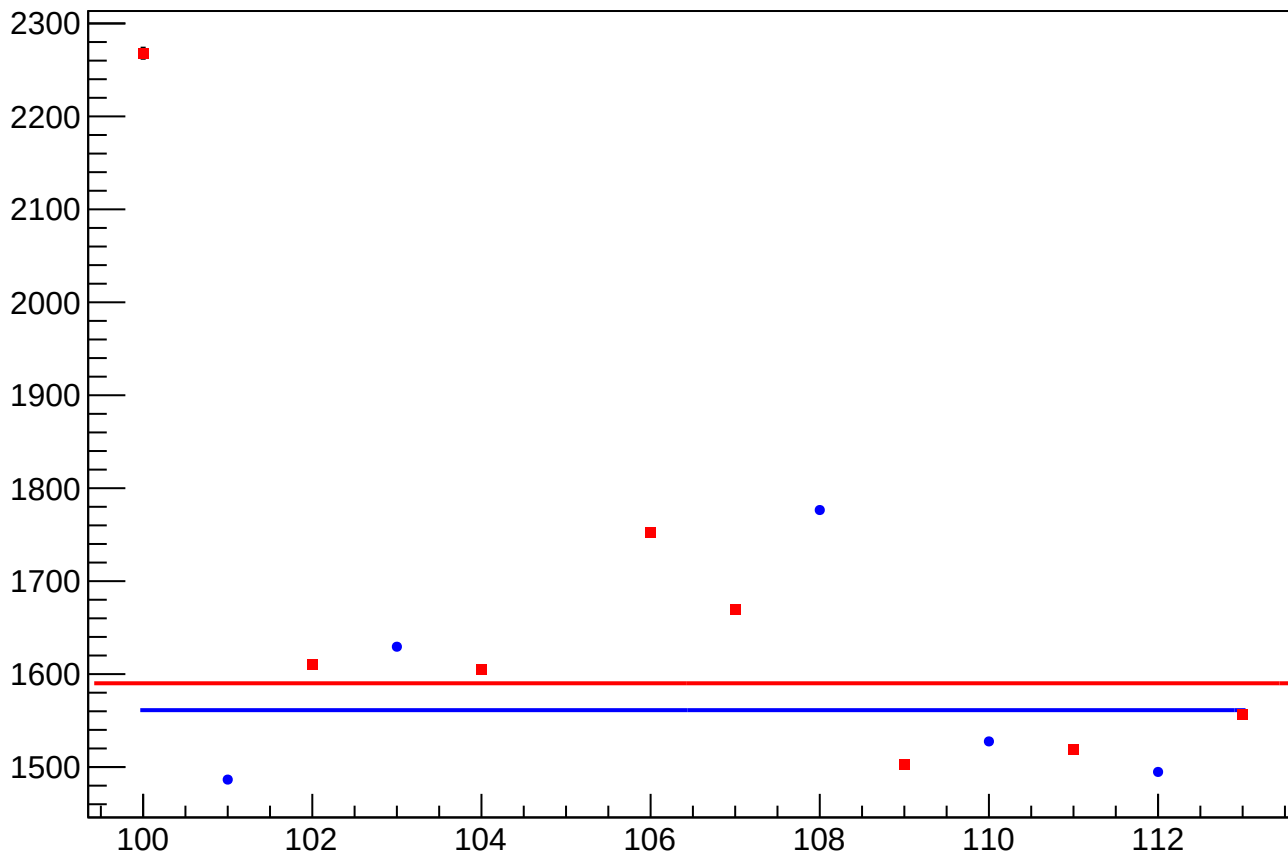
Right: -590.618+/-657.338 χ^2/NDF : 11.7/12

In: 32.708+/-984.049 χ^2/NDF : 5.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -590.618+/-657.338 χ^2/NDF : 11.7/12

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 1561.217+/-0.696 χ^2/NDF : 19319.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1590.132+/-0.625 χ^2/NDF : 25698.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

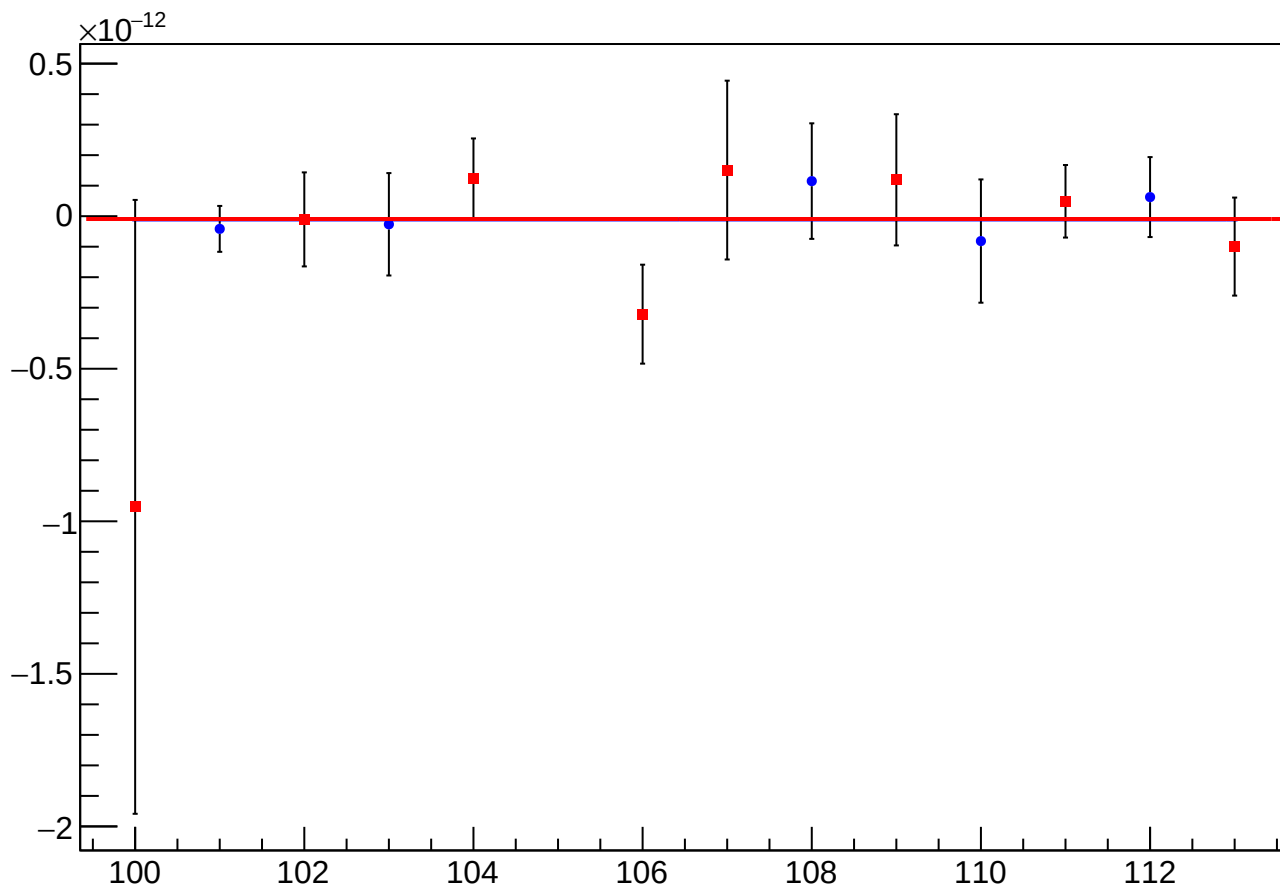
Right: 1577.229+/-0.465 χ^2/NDF : 45973.6/12

In: 1561.217+/-0.696 χ^2/NDF : 19319.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1577.229+/-0.465 χ^2/NDF : 45973.6/12

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 : 6.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

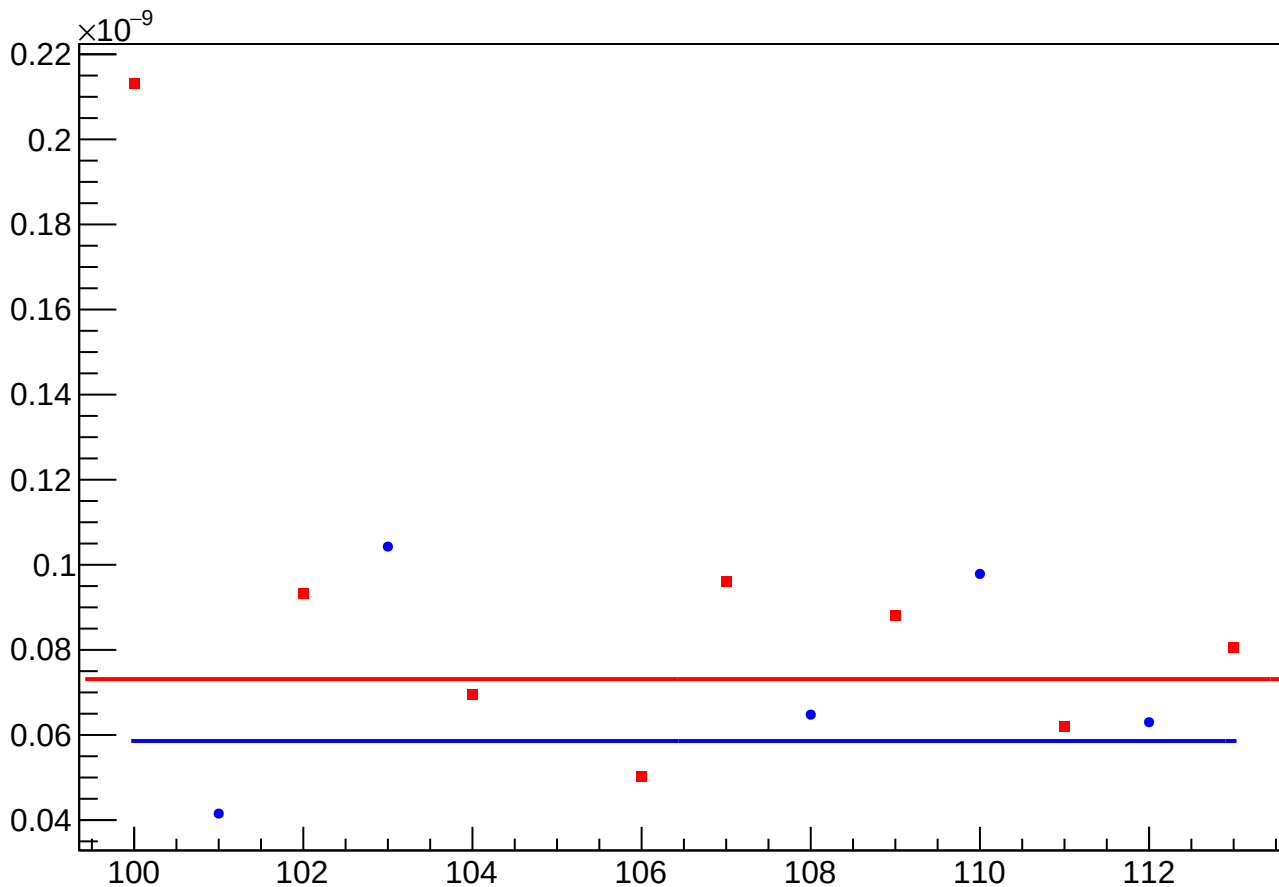
Right: -0.000+/-0.000 χ^2/NDF : 7.8/12

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 : 7.8/12

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 : 157421.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

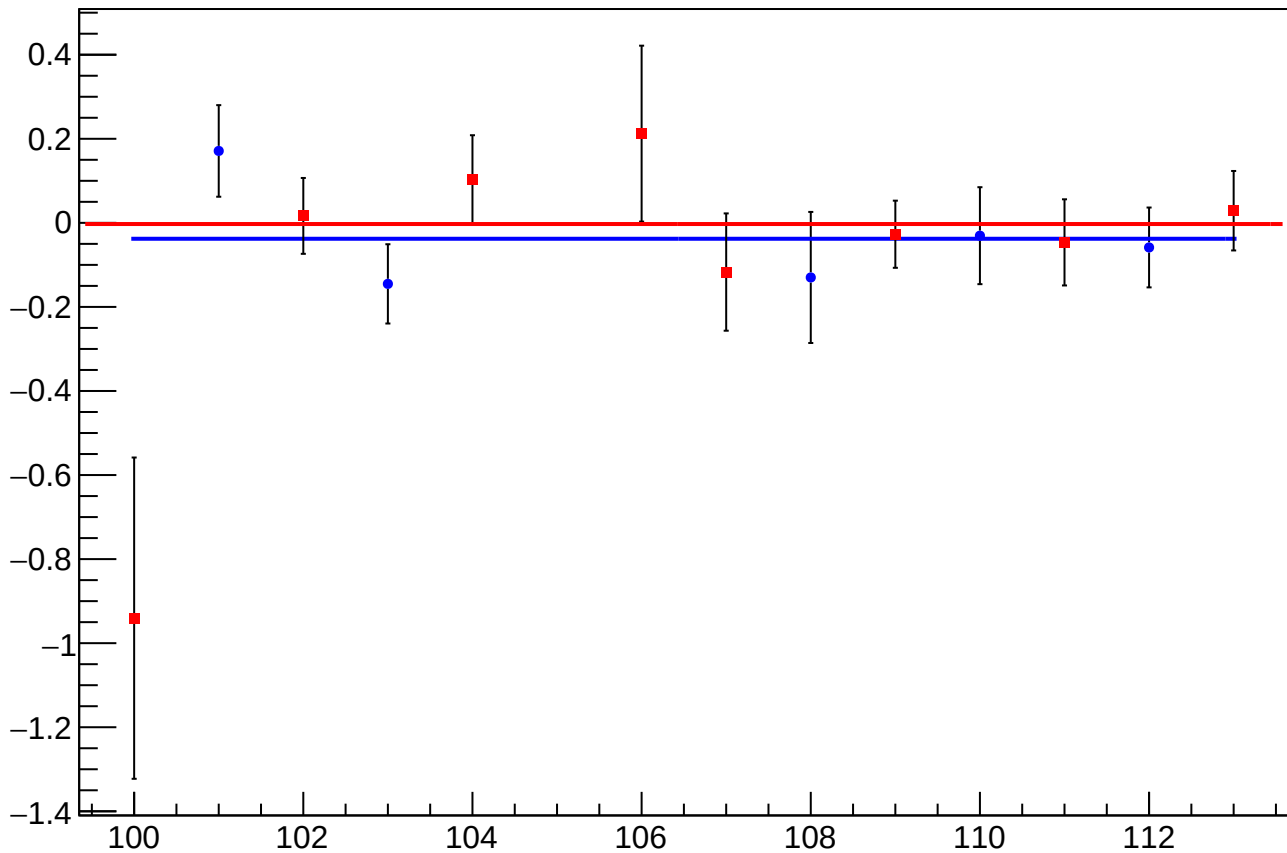
Right: 0.000+/-0.000 χ^2/NDF : 552241.7/12

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 : 552241.7/12

asym_sam_3726_avg_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: -0.003 $\pm$ 0.039 χ^2 /NDF: 9.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

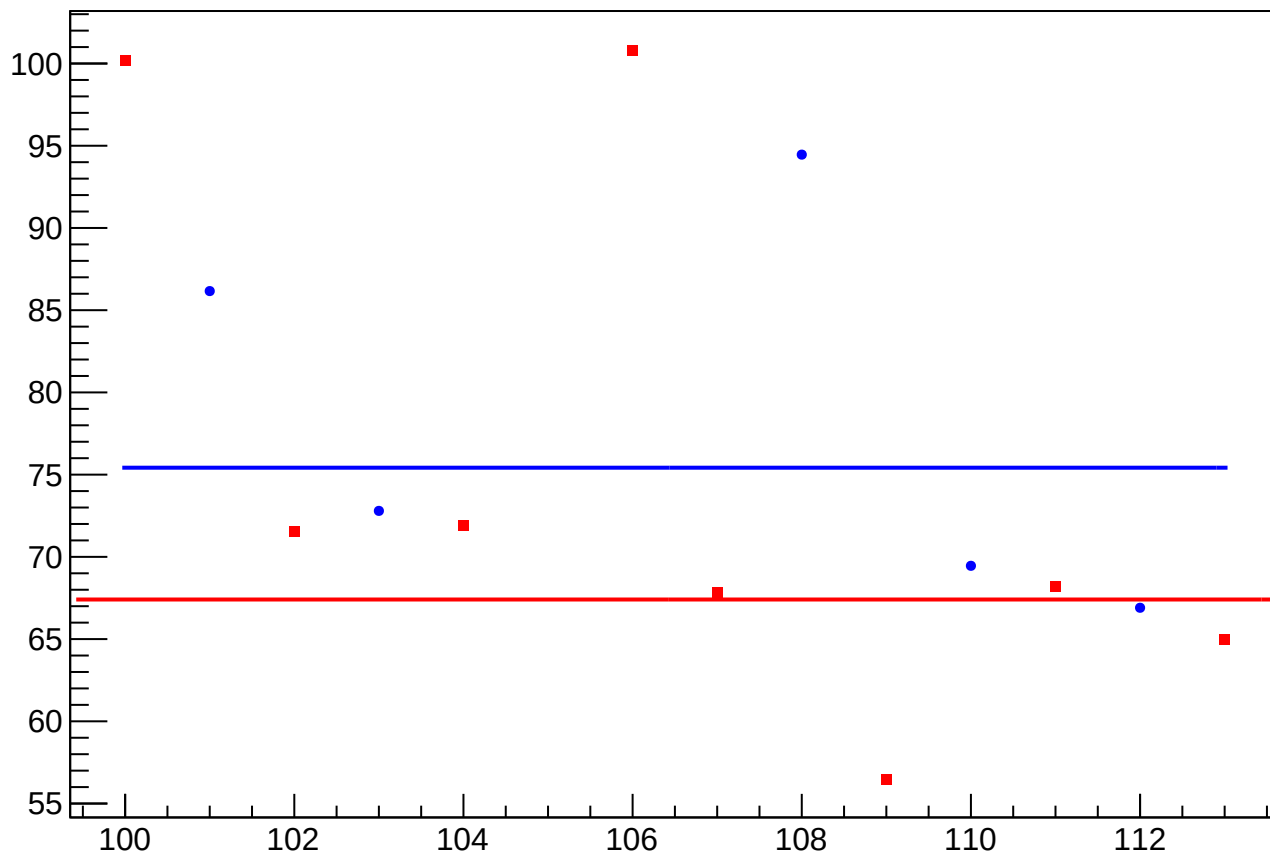
Right: -0.017 $\pm$ 0.030 χ^2 /NDF: 14.9/12

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: -0.017 $\pm$ 0.030 χ^2 /NDF: 14.9/12

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: 67.407+/-0.028 χ^2/NDF : 112686.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

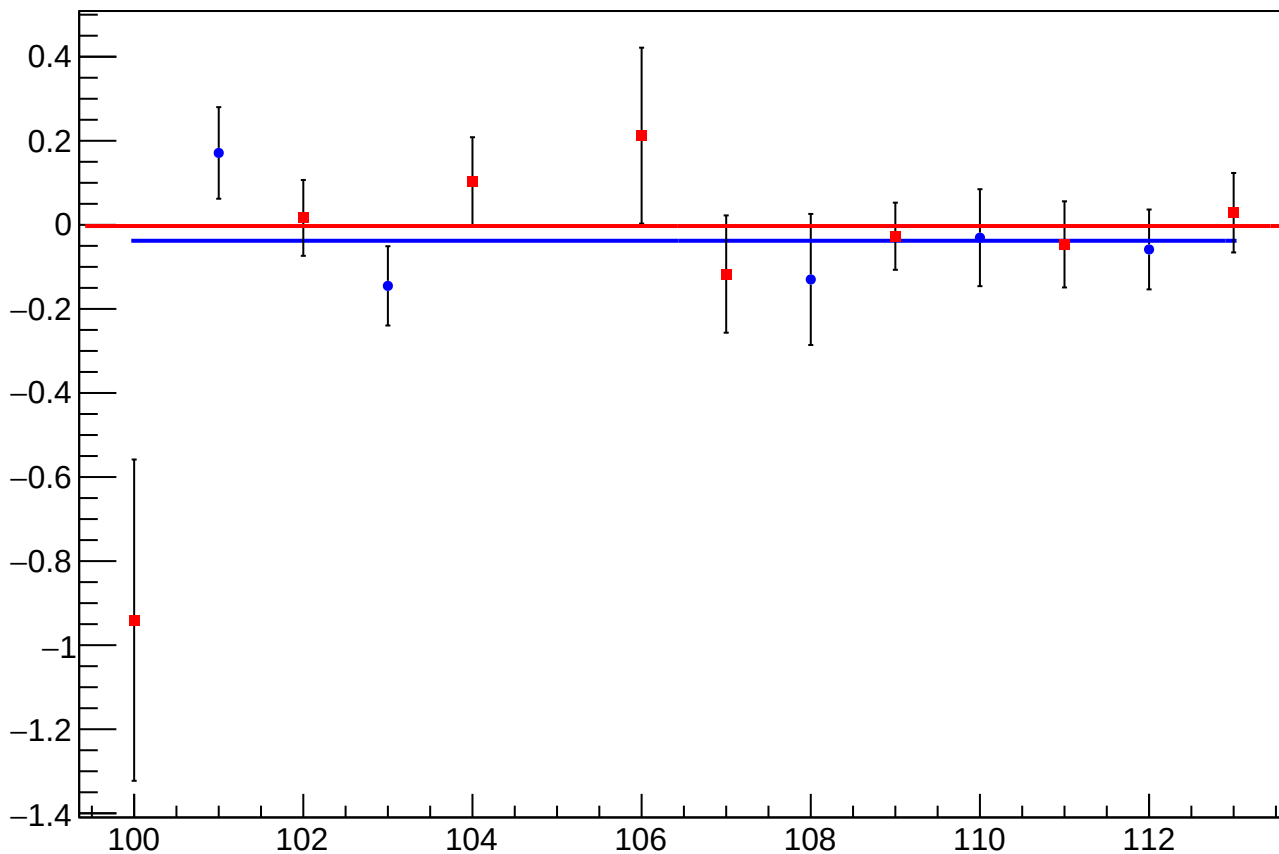
Right: 70.550+/-0.022 χ^2/NDF : 218019.3/12

In: 75.422+/-0.034 χ^2/NDF : 72229.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.550+/-0.022 χ^2/NDF : 218019.3/12

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: -0.003 ± 0.039 χ^2/NDF : 9.2/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

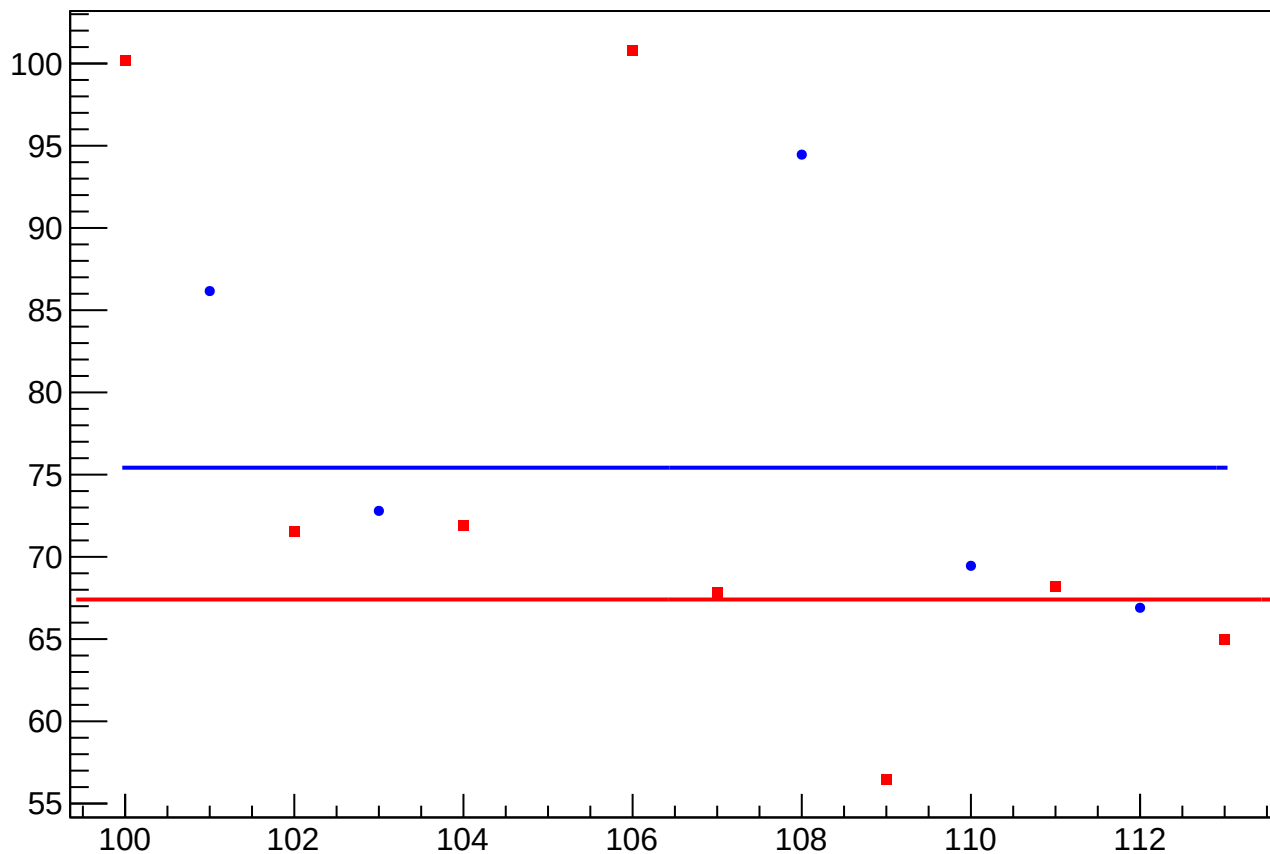
Right: -0.017 ± 0.030 χ^2/NDF : 14.9/12

In: -0.038 ± 0.049 χ^2/NDF : 5.4/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.017 ± 0.030 χ^2/NDF : 14.9/12

asym_sam_3726_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 75.422 $\pm$ 0.034 χ^2 /NDF: 72229.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 67.407 $\pm$ 0.028 χ^2 /NDF: 112686.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

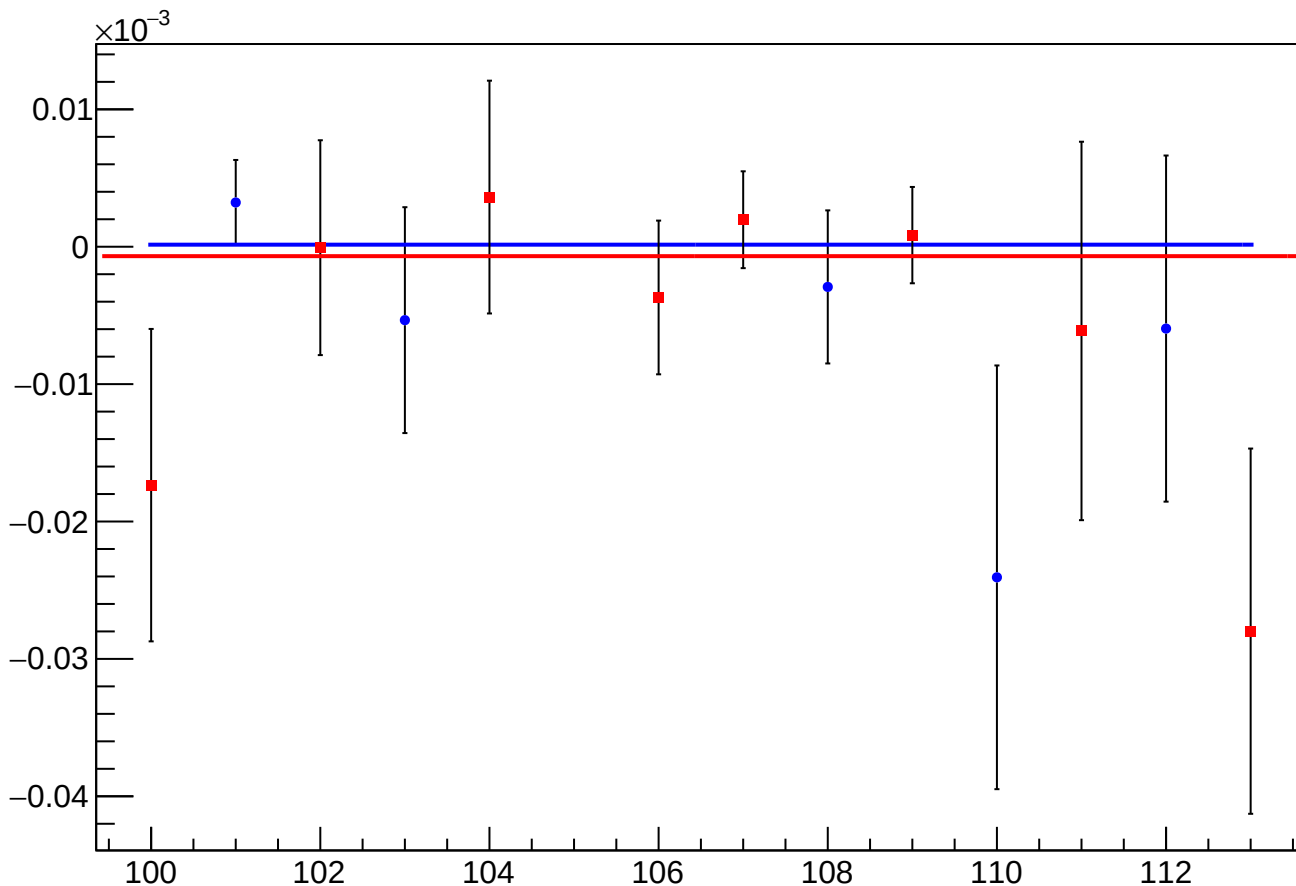
Right: 70.550 $\pm$ 0.022 χ^2 /NDF: 218019.3/12

In: 75.422 $\pm$ 0.034 χ^2 /NDF: 72229.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 70.550 $\pm$ 0.022 χ^2 /NDF: 218019.3/12

asym_sam_3726_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 7.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

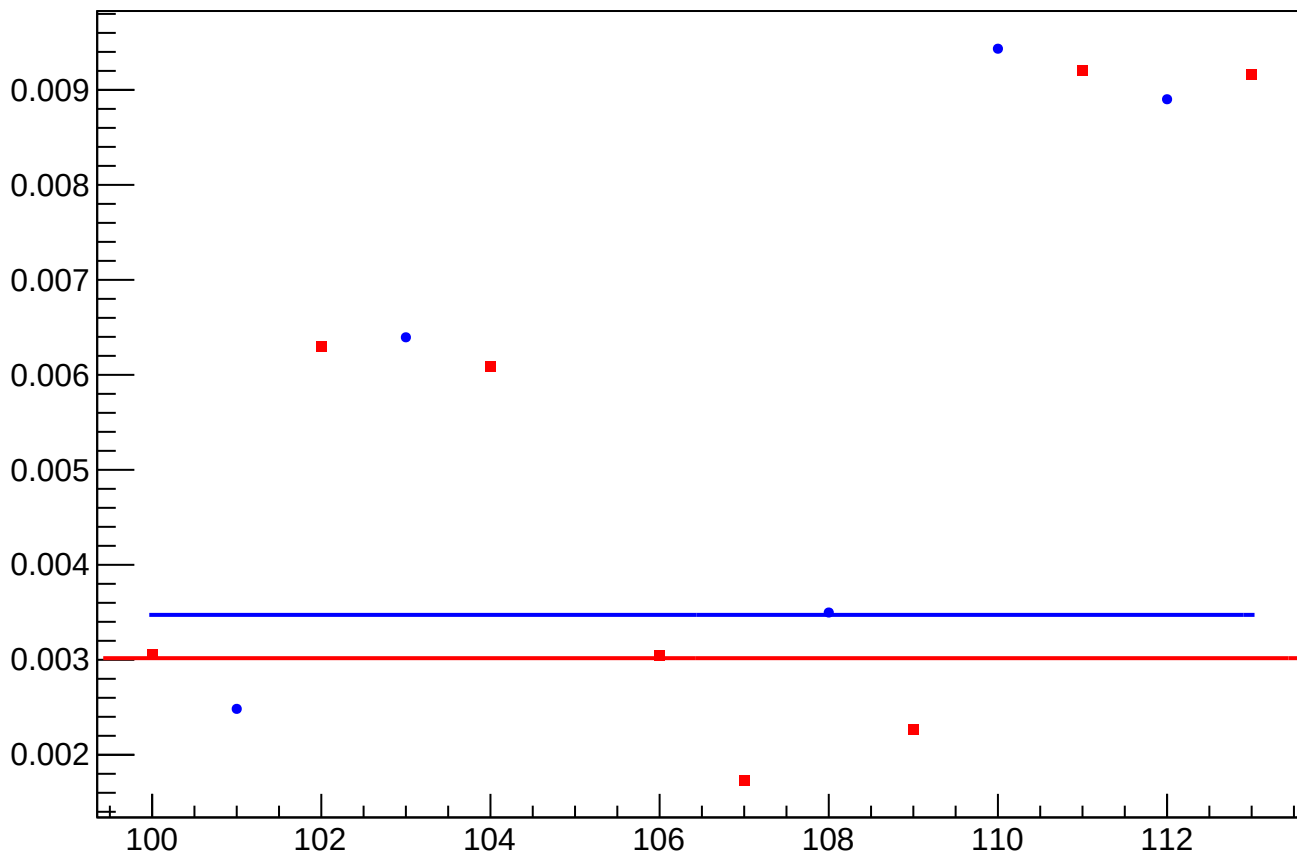
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.3/12

In: 0.000 $\pm$ 0.000 χ^2 /NDF:4.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.3/12

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 : 1803580.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

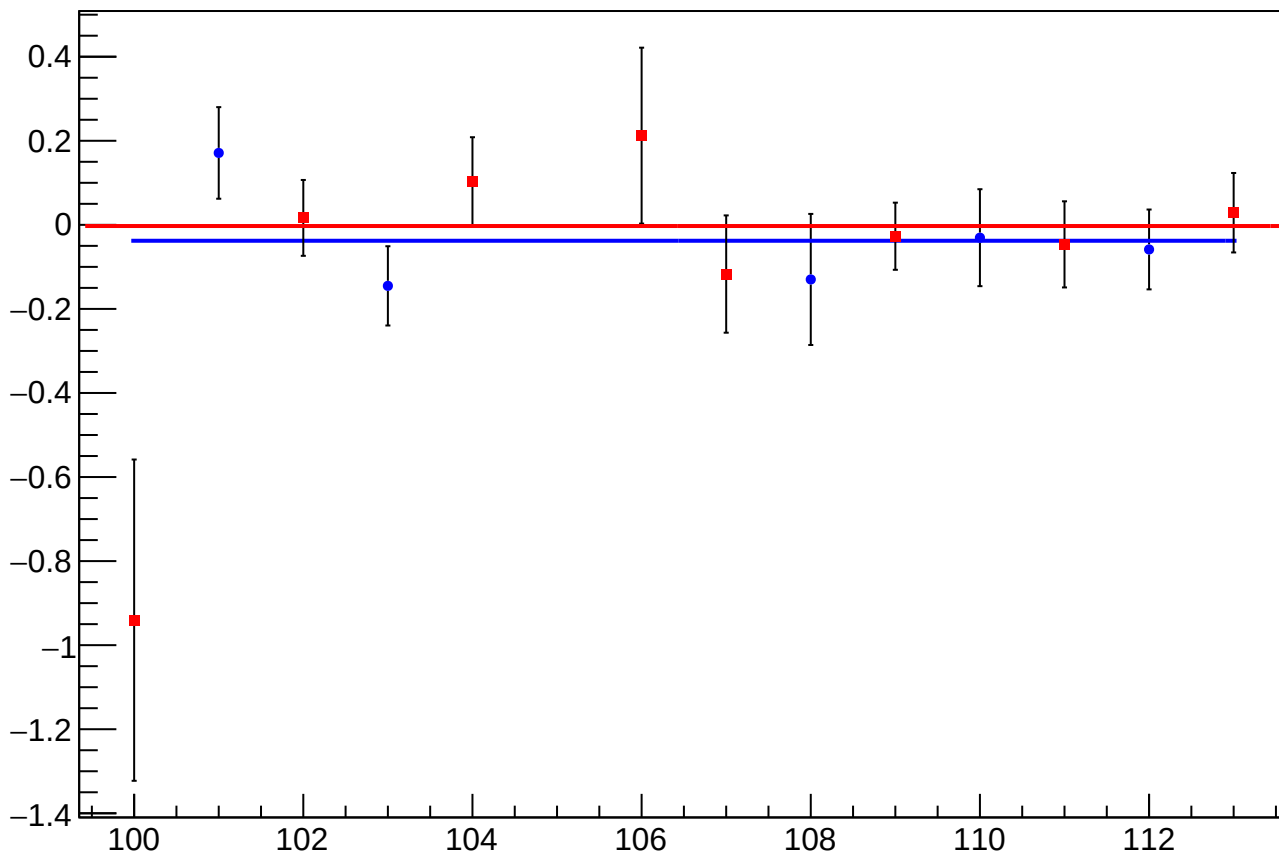
Right: 0.003+/-0.000 χ^2/NDF : 2971504.0/12

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 : 2971504.0/12

asym_sam_3726_avg_eigen_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: -0.003 ± 0.039 χ^2/NDF : 9.2/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

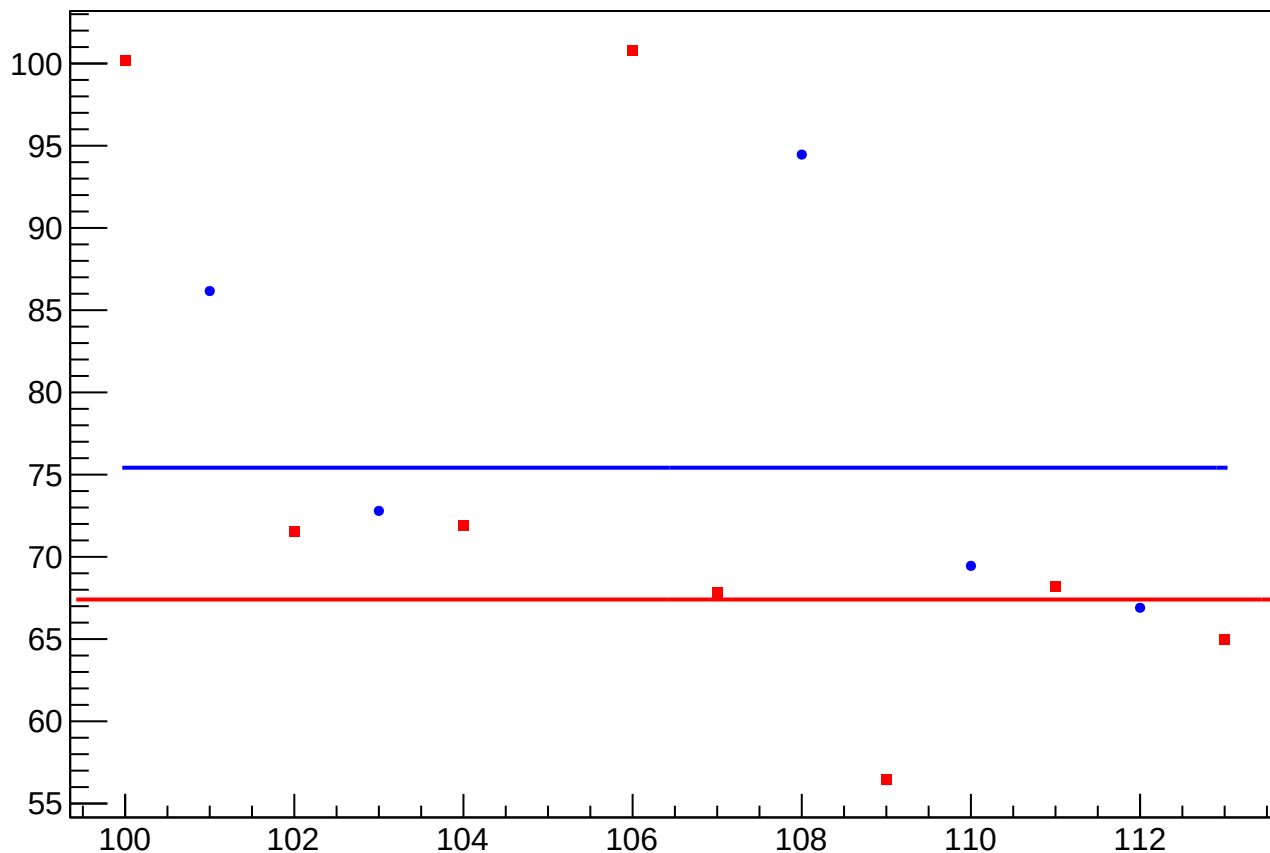
Right: -0.017 ± 0.030 χ^2/NDF : 14.9/12

In: -0.038 ± 0.049 χ^2/NDF : 5.4/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.017 ± 0.030 χ^2/NDF : 14.9/12

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: 67.406+/-0.028 χ^2/NDF : 112689.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

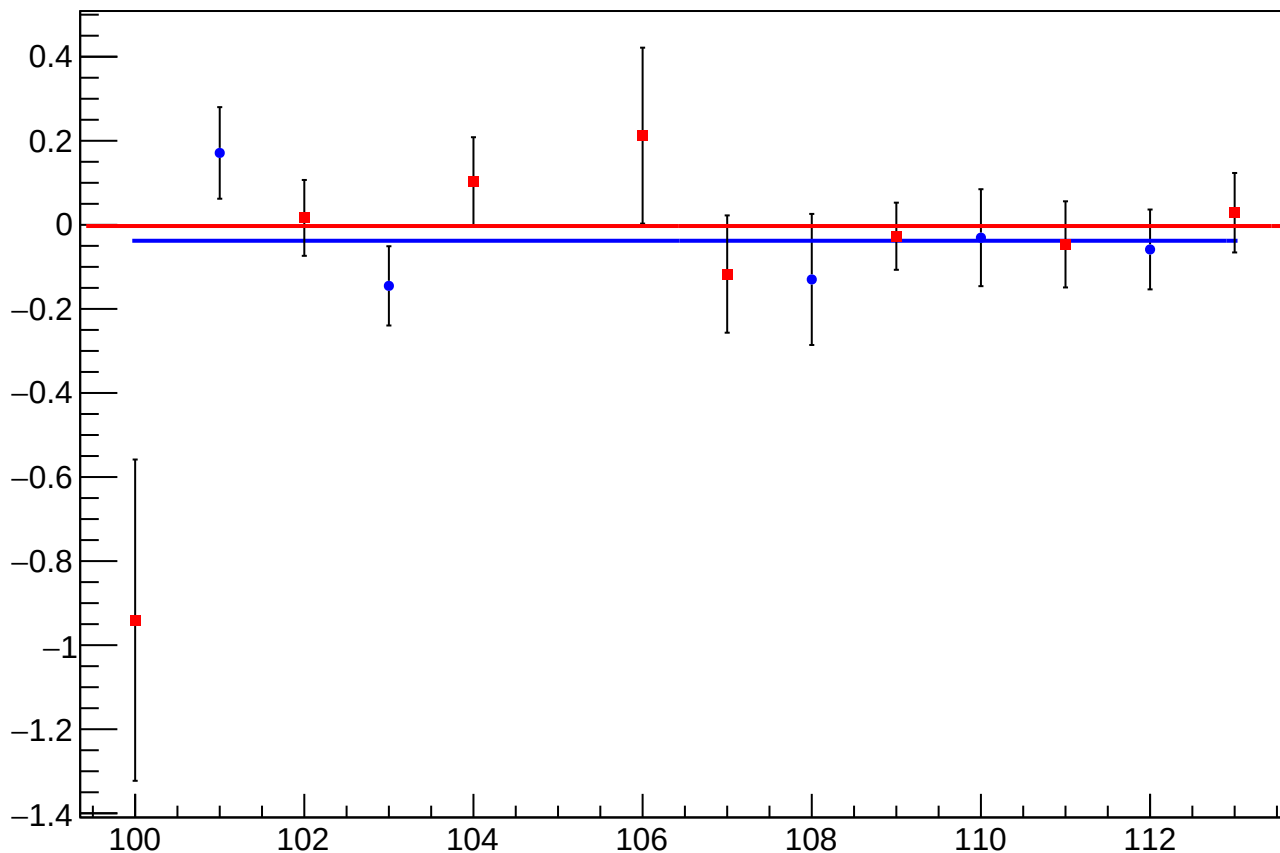
Right: 70.549+/-0.022 χ^2/NDF : 218037.8/12

In: 75.421+/-0.034 χ^2/NDF : 72249.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.549+/-0.022 χ^2/NDF : 218037.8/12

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: -0.003 $\pm$ 0.039 χ^2 /NDF: 9.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

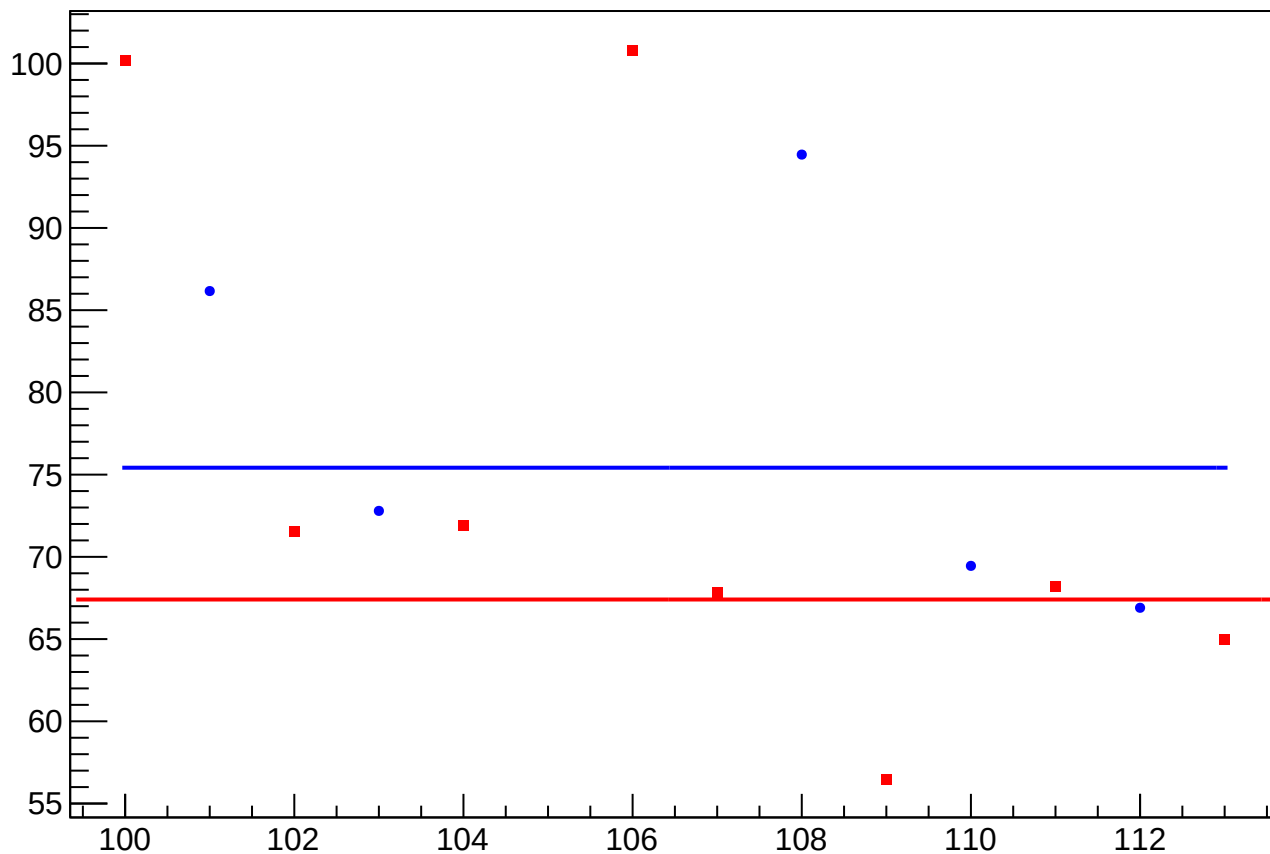
Right: -0.017 $\pm$ 0.030 χ^2 /NDF: 14.9/12

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: -0.017 $\pm$ 0.030 χ^2 /NDF: 14.9/12

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: 67.406+/-0.028 χ^2/NDF : 112689.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

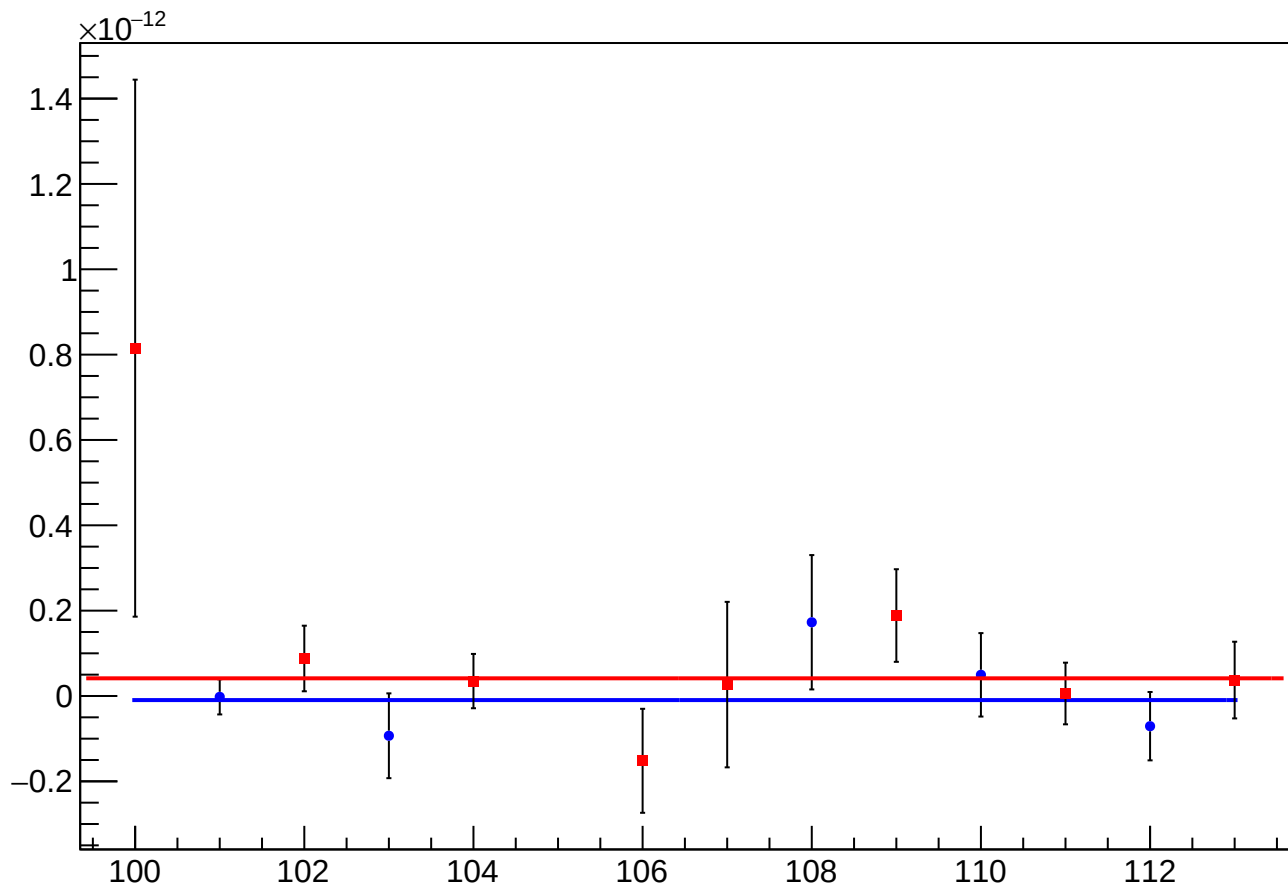
Right: 70.549+/-0.022 χ^2/NDF : 218037.8/12

In: 75.421+/-0.034 χ^2/NDF : 72249.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.549+/-0.022 χ^2/NDF : 218037.8/12

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 : 6.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

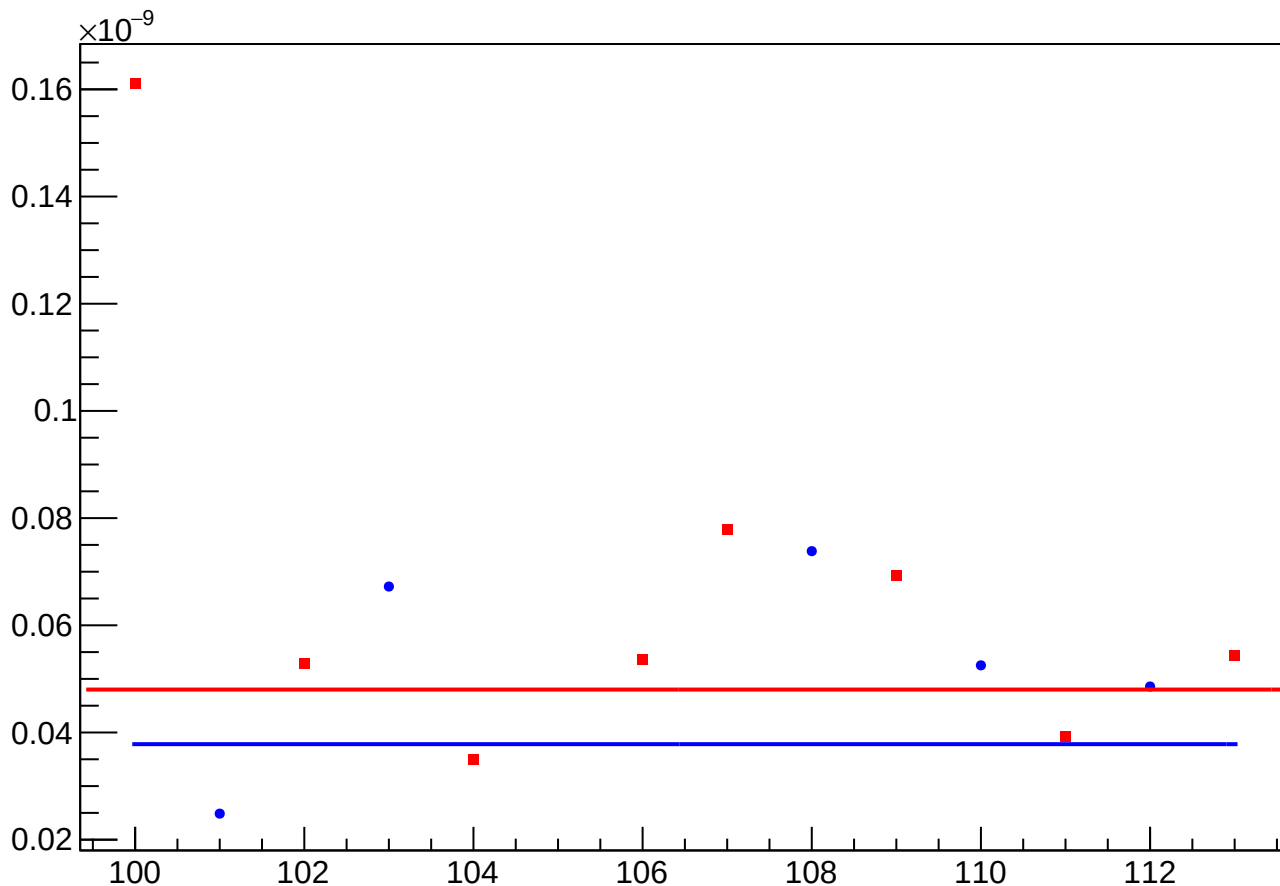
Right: 0.000+/-0.000 χ^2/NDF : 10.8/12

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 : 10.8/12

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 : 324710.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

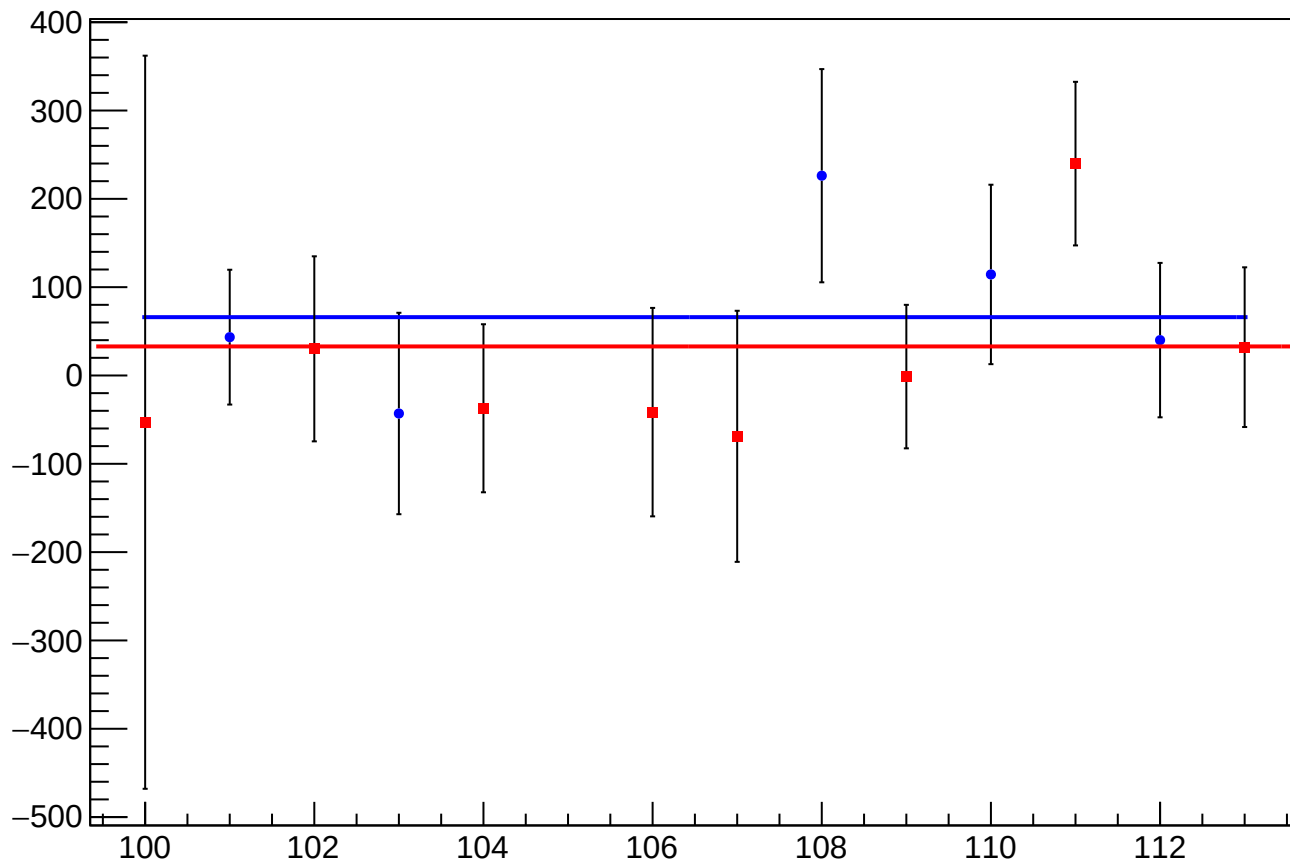
Right: 0.000+/-0.000 χ^2/NDF : 982835.5/12

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 : 982835.5/12

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: 32.887 $\pm$ 37.291 χ^2 /NDF: 6.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

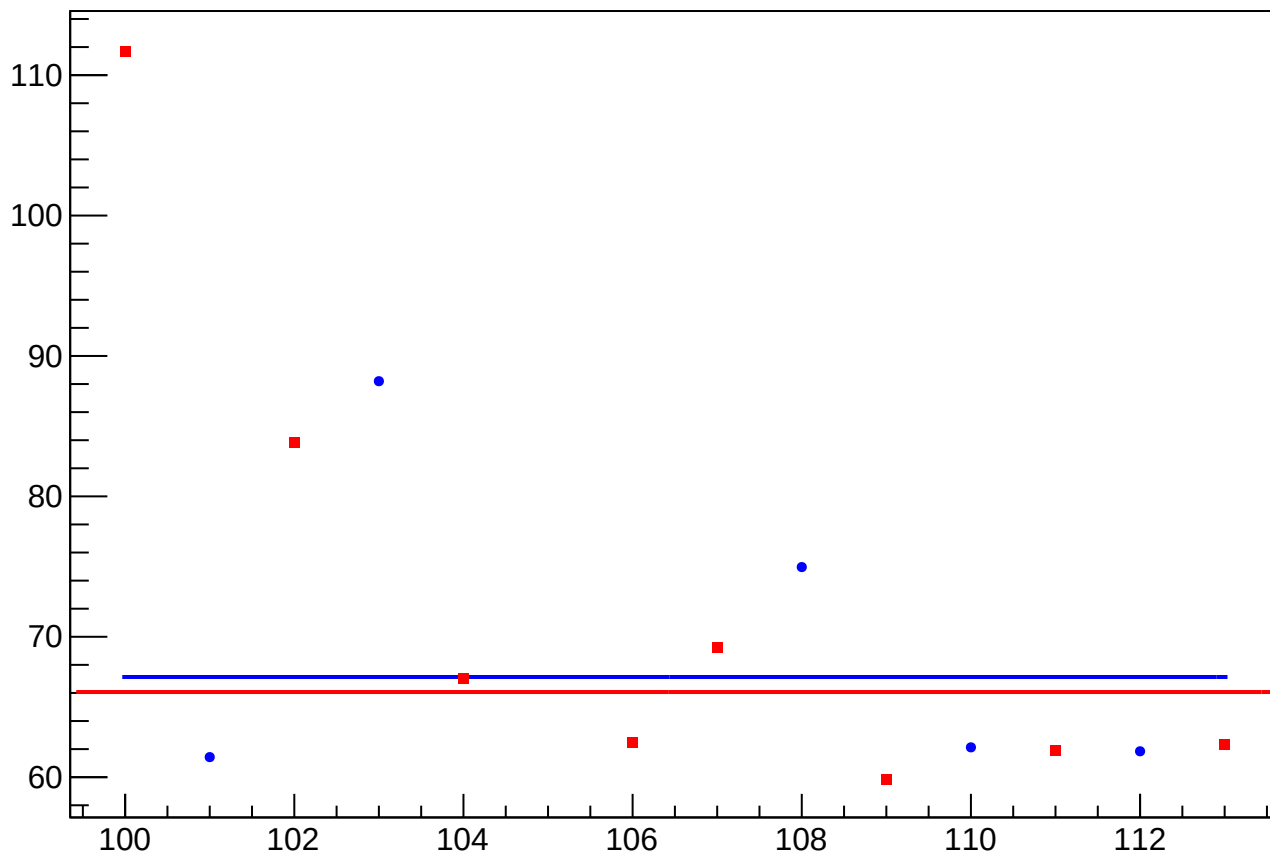
Right: 47.183 $\pm$ 28.127 χ^2 /NDF: 10.1/12

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: 47.183 $\pm$ 28.127 χ^2 /NDF: 10.1/12

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: 66.066+/-0.026 χ^2/NDF : 104119.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

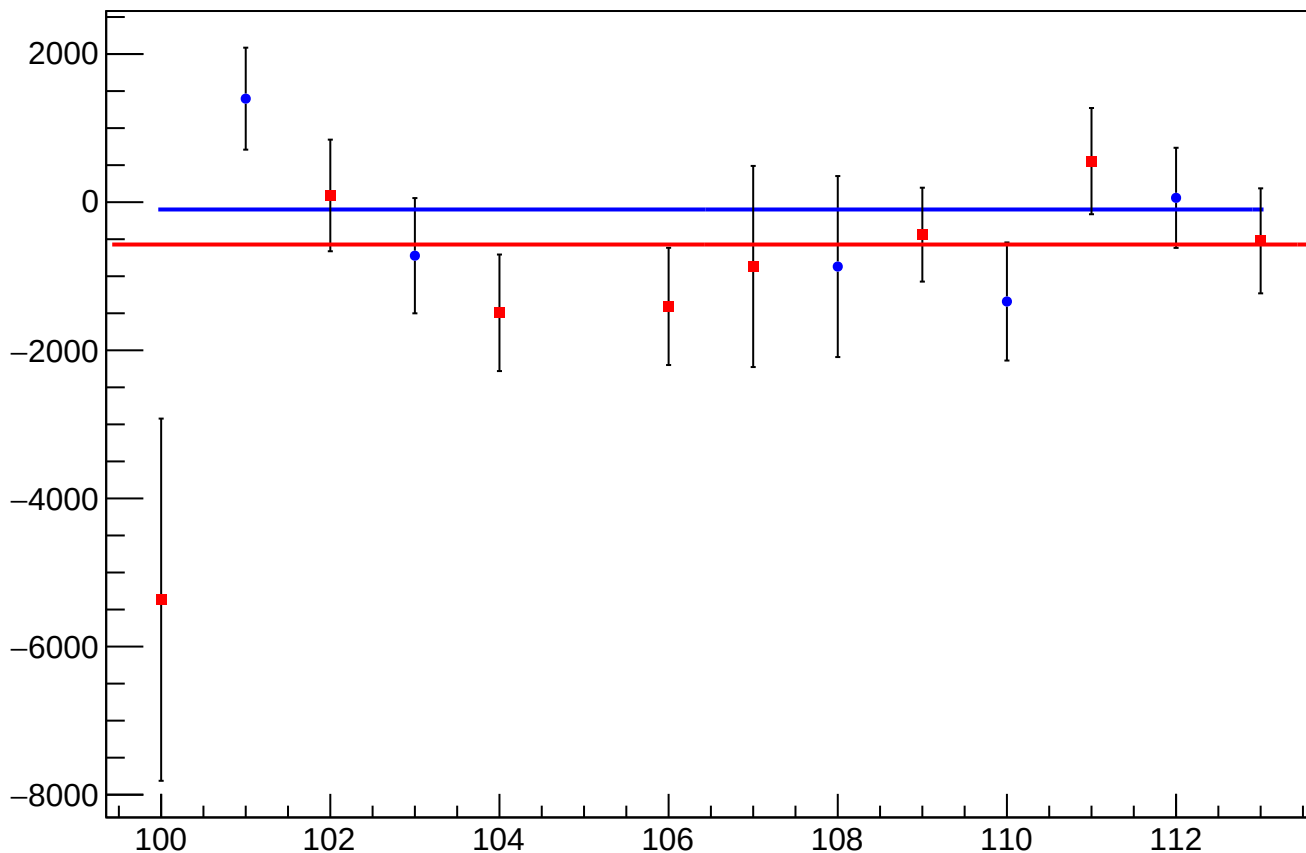
Right: 66.527+/-0.020 χ^2/NDF : 204869.7/12

In: 67.136+/-0.030 χ^2/NDF : 100039.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.527+/-0.020 χ^2/NDF : 204869.7/12

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: -571.637 ± 287.404 χ^2/NDF : 9.7/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

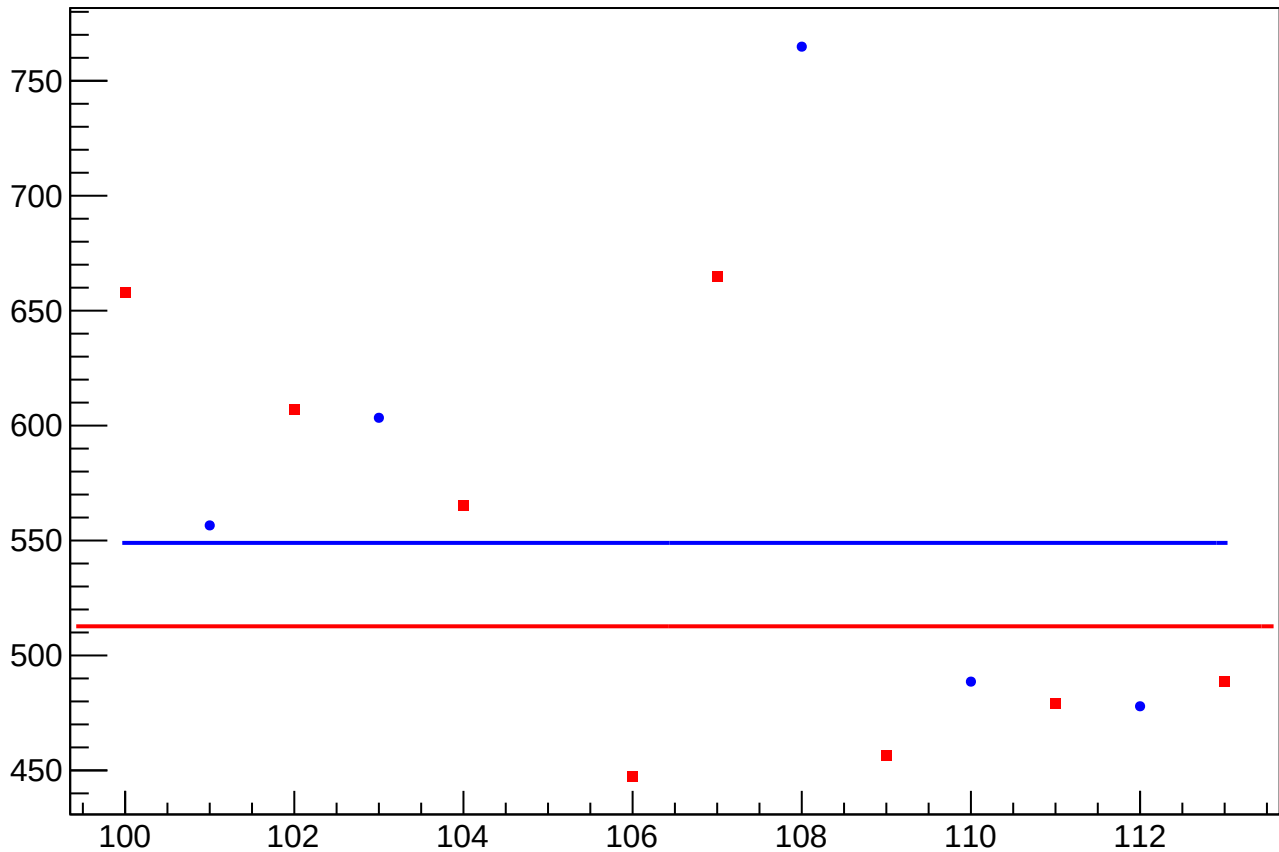
Right: -380.741 ± 221.948 χ^2/NDF : 19.0/12

In: -98.688 ± 349.349 χ^2/NDF : 8.2/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -380.741 ± 221.948 χ^2/NDF : 19.0/12

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: 512.684+/-0.203 χ^2/NDF : 108624.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

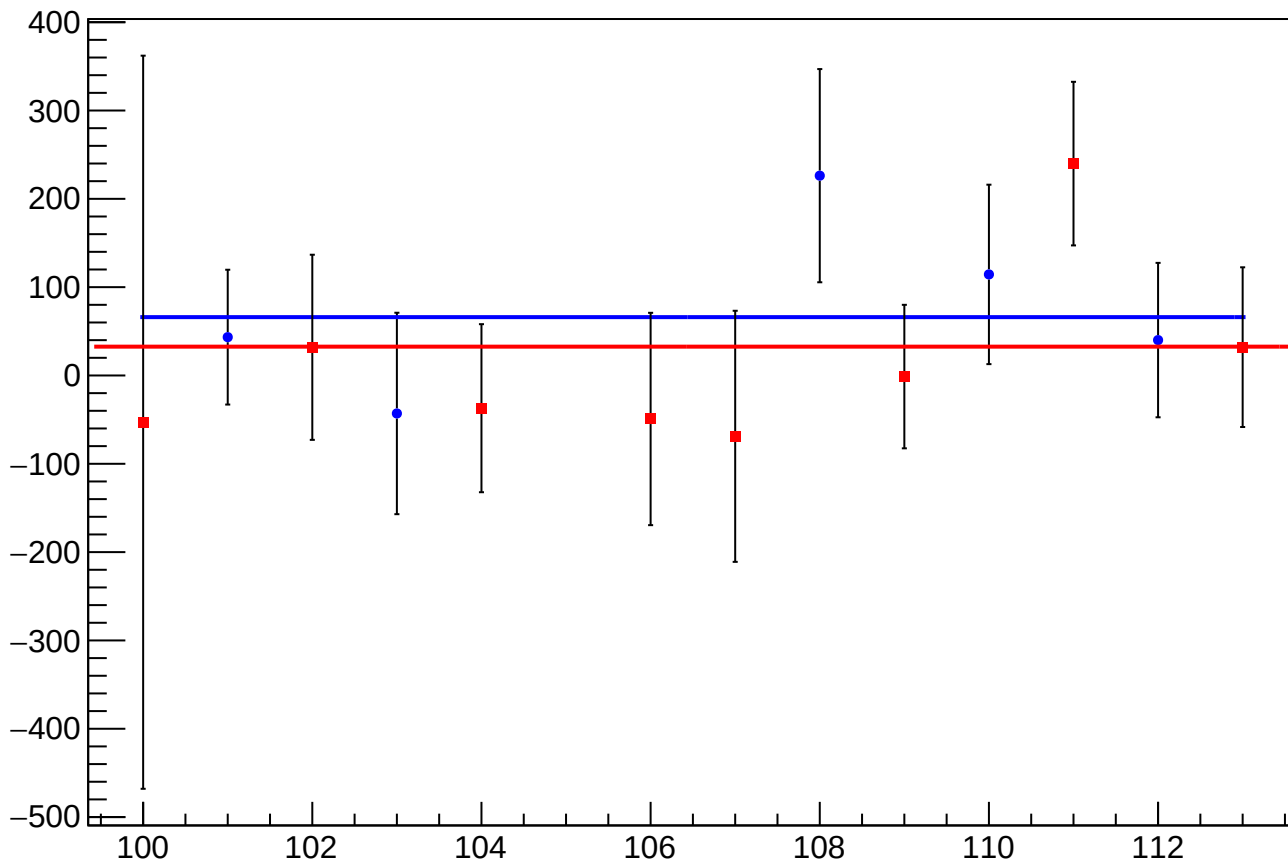
Right: 527.331+/-0.157 χ^2/NDF : 227526.8/12

In: 548.974+/-0.247 χ^2/NDF : 106031.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 527.331+/-0.157 χ^2/NDF : 227526.8/12

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: 32.641 $\pm$ 37.361 χ^2 /NDF: 6.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

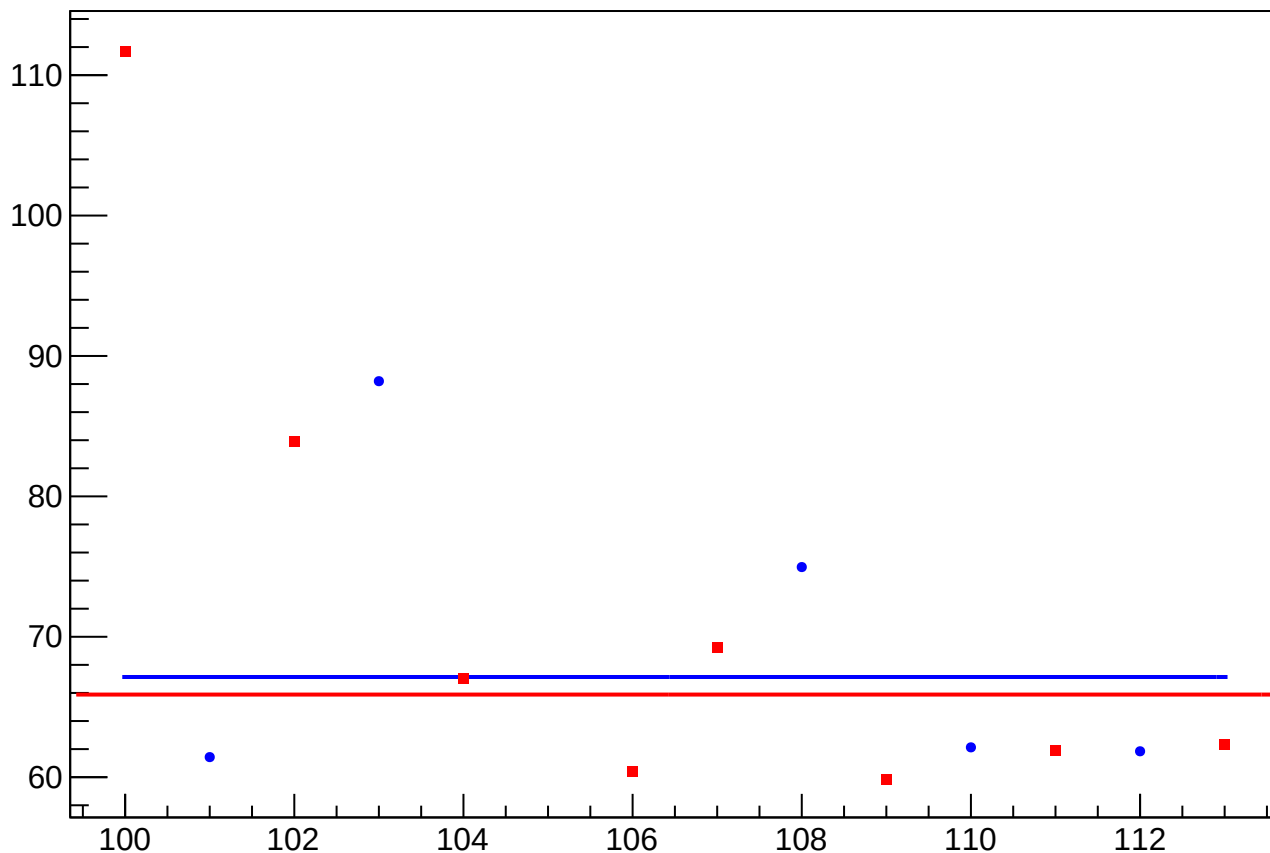
Right: 47.081 $\pm$ 28.157 χ^2 /NDF: 10.2/12

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: 47.081 $\pm$ 28.157 χ^2 /NDF: 10.2/12

cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 67.136+/-0.030 χ^2/NDF : 100042.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.884+/-0.026 χ^2/NDF : 106804.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

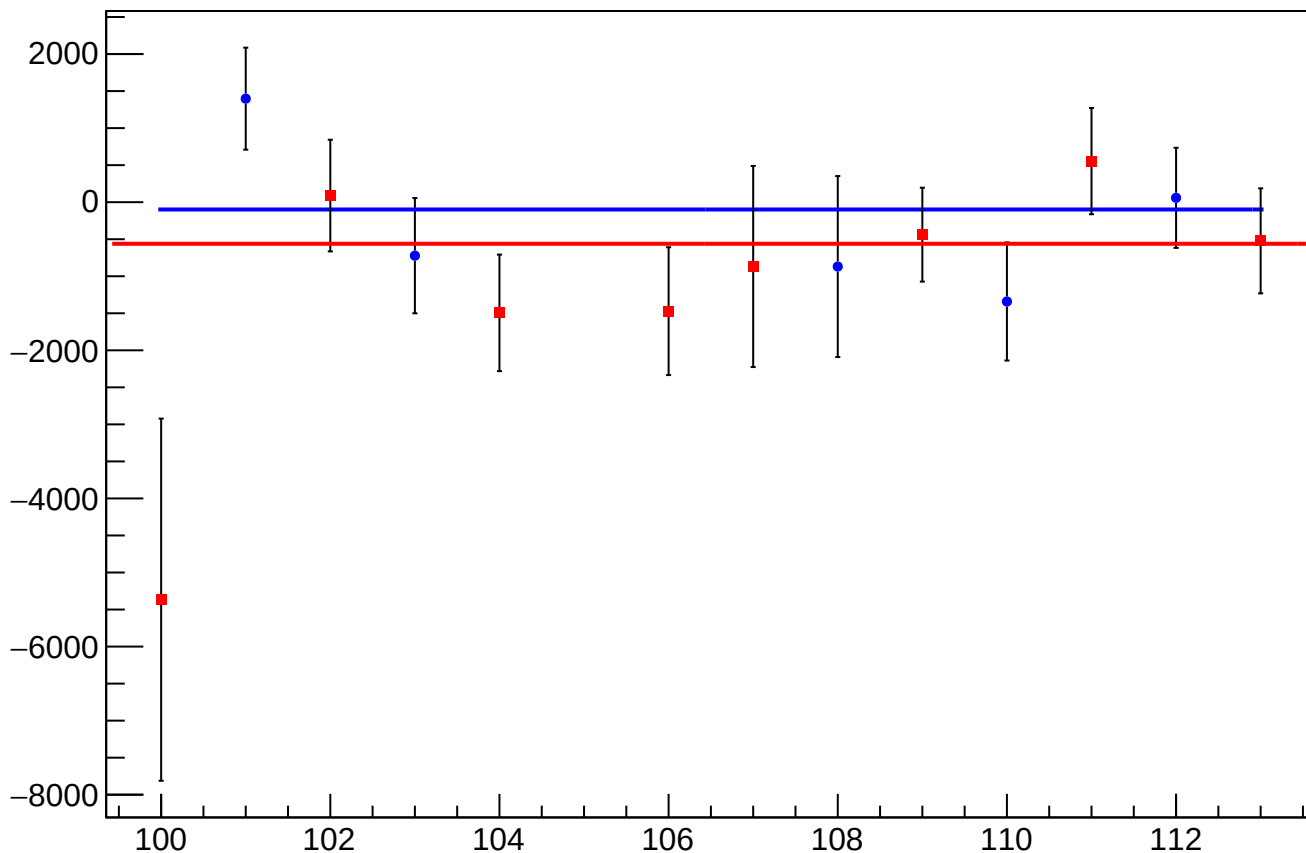
Right: 66.425+/-0.020 χ^2/NDF : 207816.4/12

In: 67.136+/-0.030 χ^2/NDF : 100042.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.425+/-0.020 χ^2/NDF : 207816.4/12

asym_sam_15_48_dd_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: -561.490+/-290.480 χ^2/NDF : 9.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

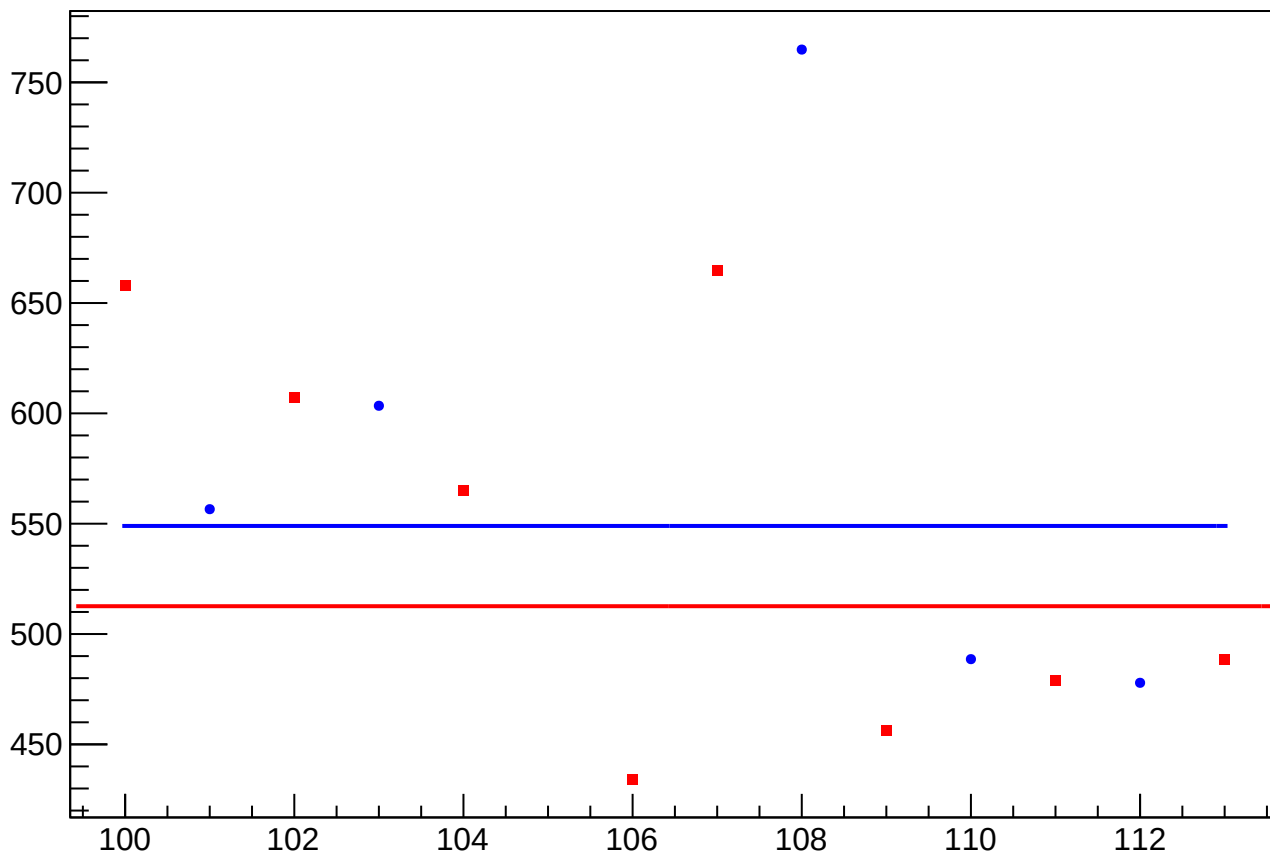
Right: -372.286+/-223.357 χ^2/NDF : 18.9/12

In: -98.614+/-349.354 χ^2/NDF : 8.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -372.286+/-223.357 χ^2/NDF : 18.9/12

asym_sam_15_48_dd_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: 512.610+/-0.205 χ^2/NDF : 111734.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

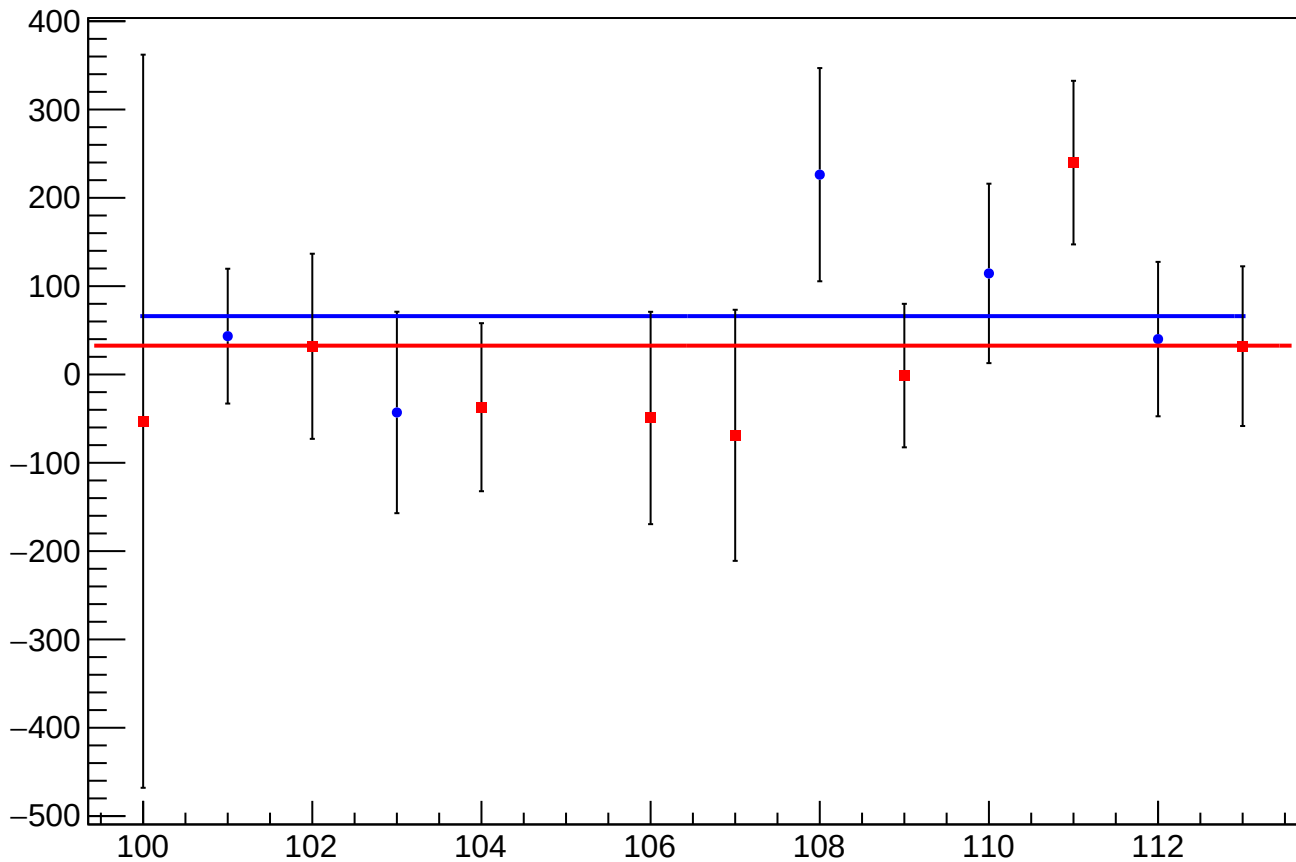
Right: 527.477+/-0.158 χ^2/NDF : 230598.7/12

In: 548.981+/-0.247 χ^2/NDF : 106047.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 527.477+/-0.158 χ^2/NDF : 230598.7/12

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: 32.641+/-37.361 χ^2/NDF : 6.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

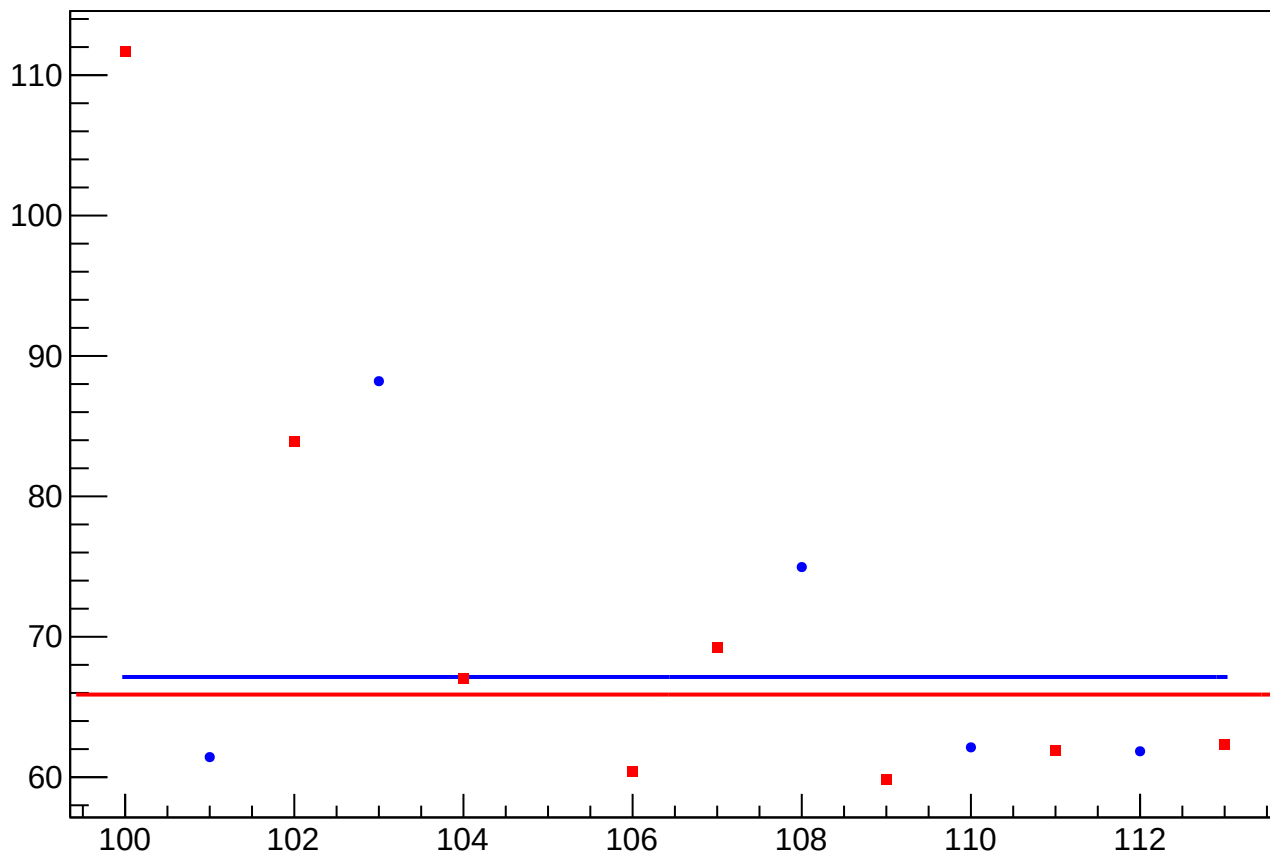
Right: 47.081+/-28.157 χ^2/NDF : 10.2/12

In: 66.065+/-42.837 χ^2/NDF : 3.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.081+/-28.157 χ^2/NDF : 10.2/12

eigen_cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 67.136+/-0.030 χ^2/NDF : 100042.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.884+/-0.026 χ^2/NDF : 106804.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

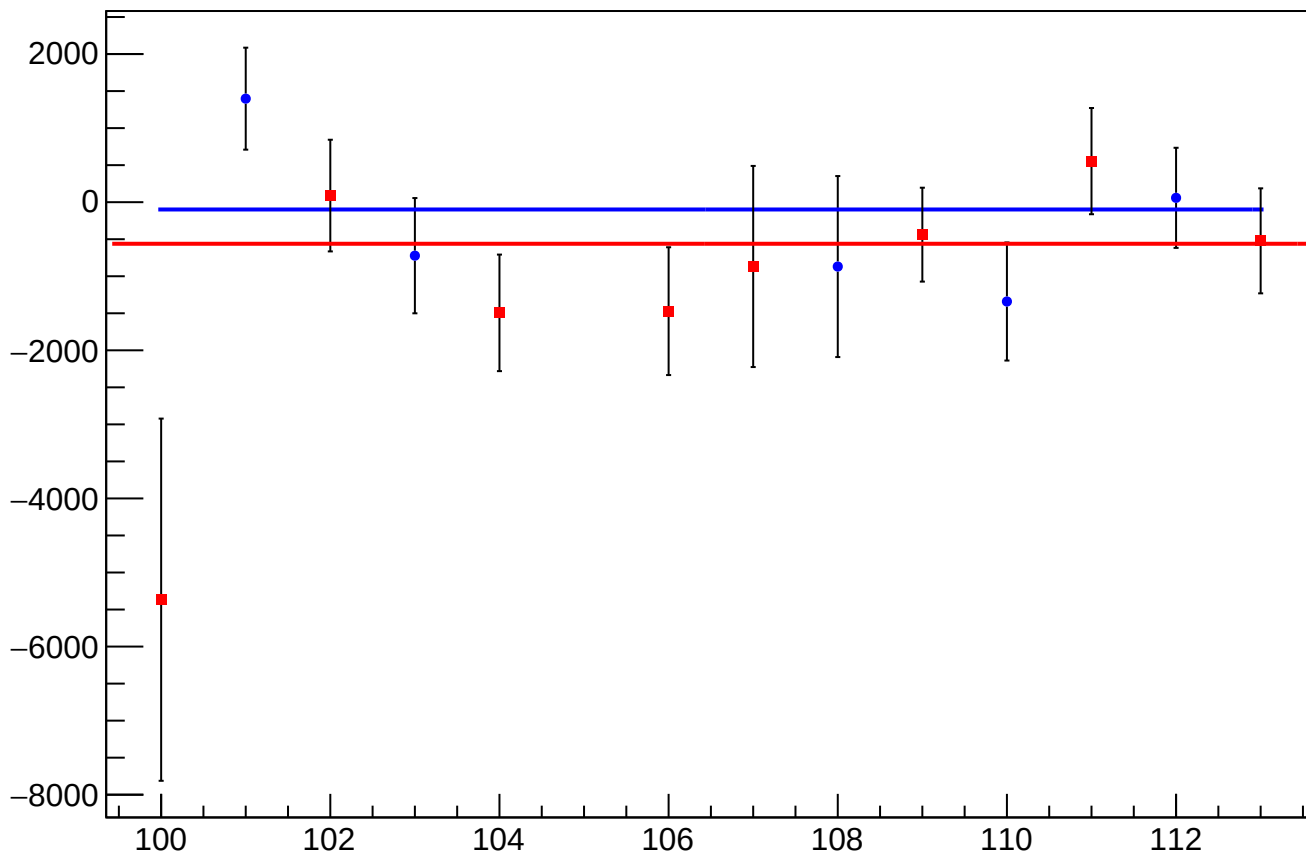
Right: 66.425+/-0.020 χ^2/NDF : 207816.4/12

In: 67.136+/-0.030 χ^2/NDF : 100042.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.425+/-0.020 χ^2/NDF : 207816.4/12

asym_sam_15_48_dd_eigen_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: -561.490 $\pm$ 290.480 χ^2 /NDF: 9.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

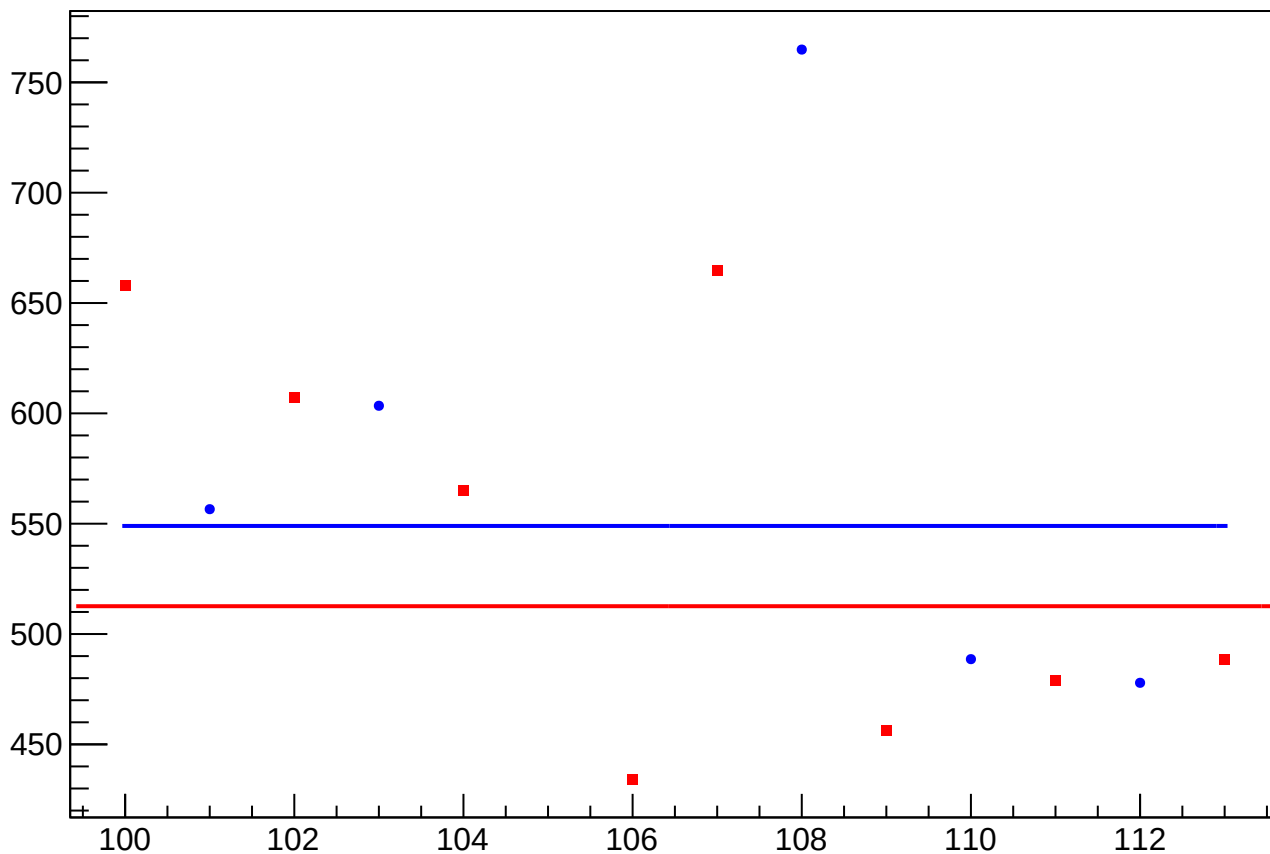
Right: -372.286 $\pm$ 223.357 χ^2 /NDF: 18.9/12

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: -372.286 $\pm$ 223.357 χ^2 /NDF: 18.9/12

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: 512.610+/-0.205 χ^2/NDF : 111734.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

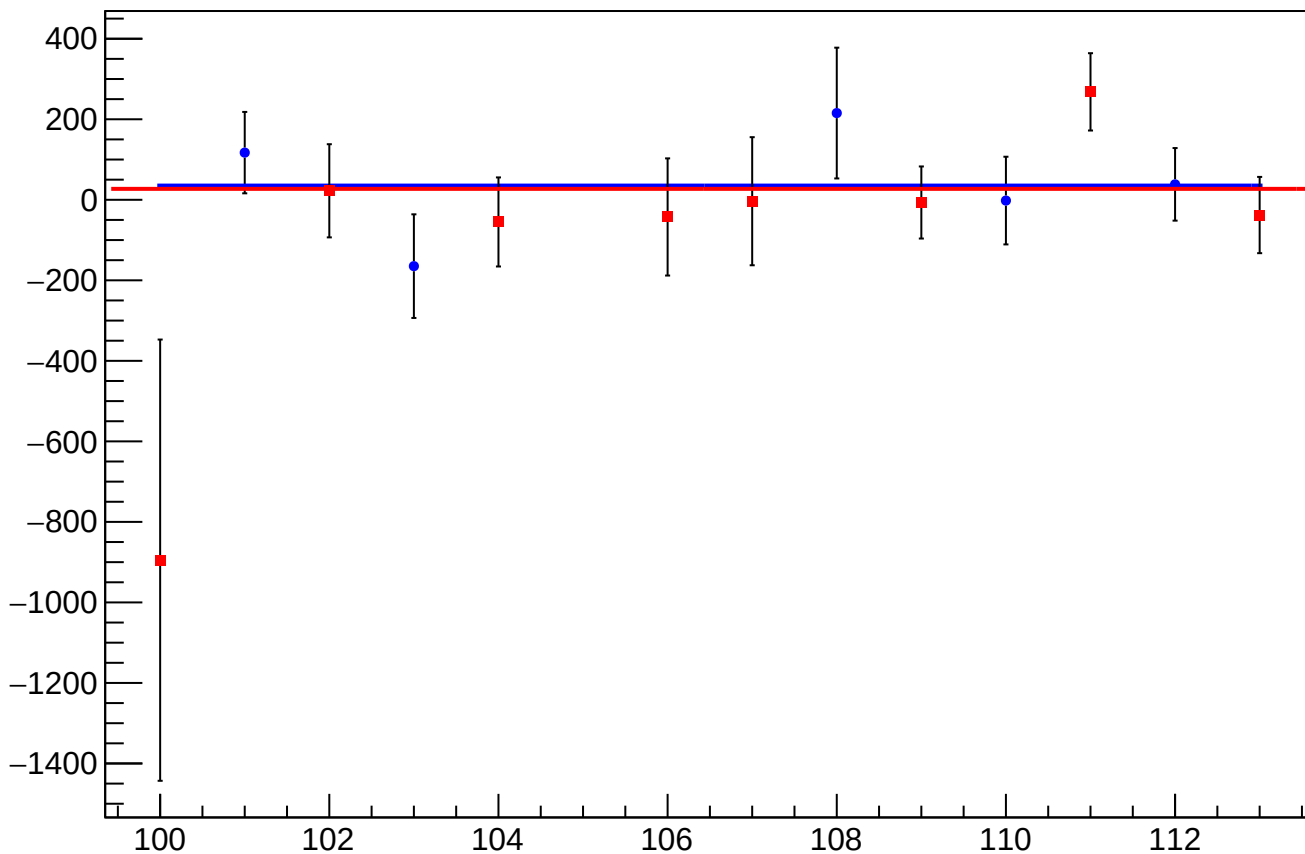
Right: 527.477+/-0.158 χ^2/NDF : 230598.7/12

In: 548.981+/-0.247 χ^2/NDF : 106047.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 527.477+/-0.158 χ^2/NDF : 230598.7/12

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: 27.168+/-41.125 χ^2/NDF : 10.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

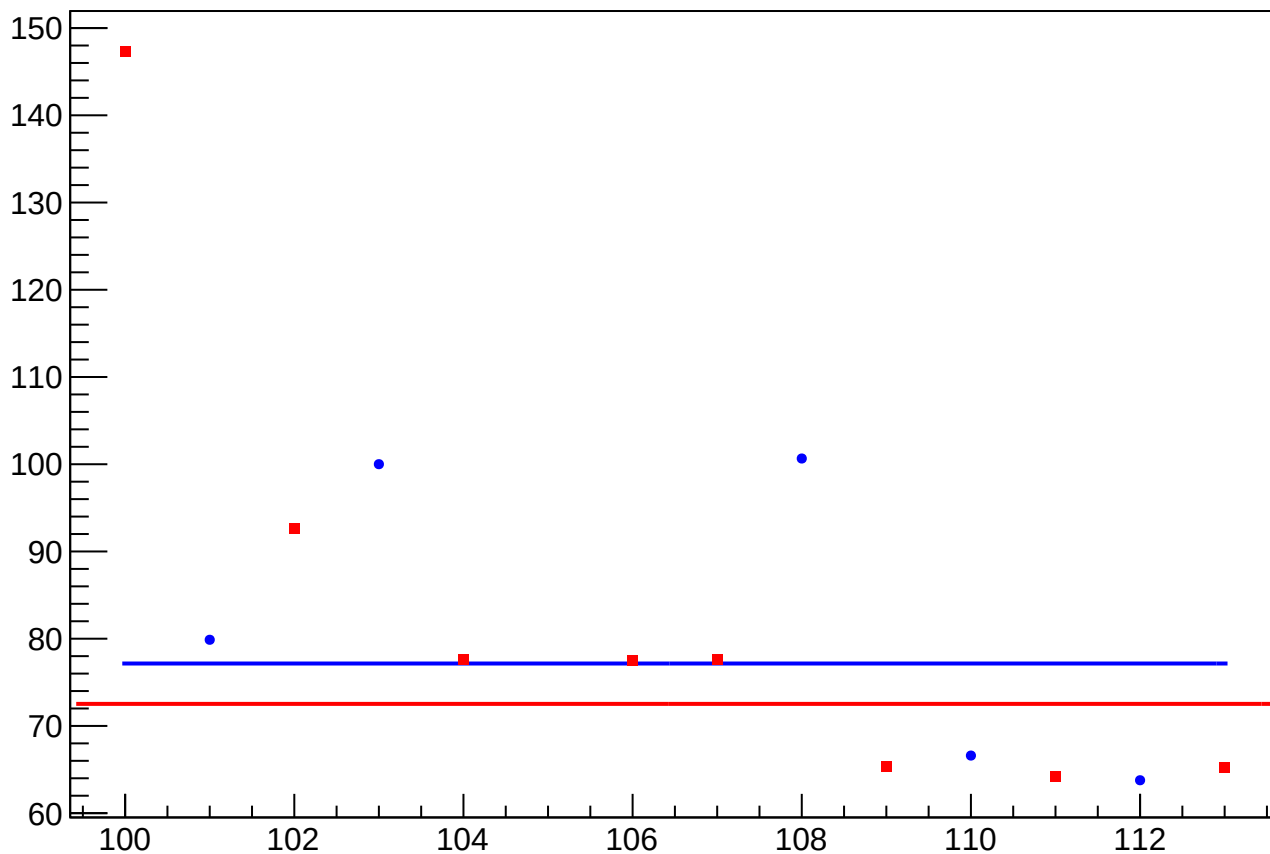
Right: 30.466+/-31.705 χ^2/NDF : 15.0/12

In: 35.299+/-49.780 χ^2/NDF : 4.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.466+/-31.705 χ^2/NDF : 15.0/12

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: 72.527+/-0.029 χ^2/NDF : 146231.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

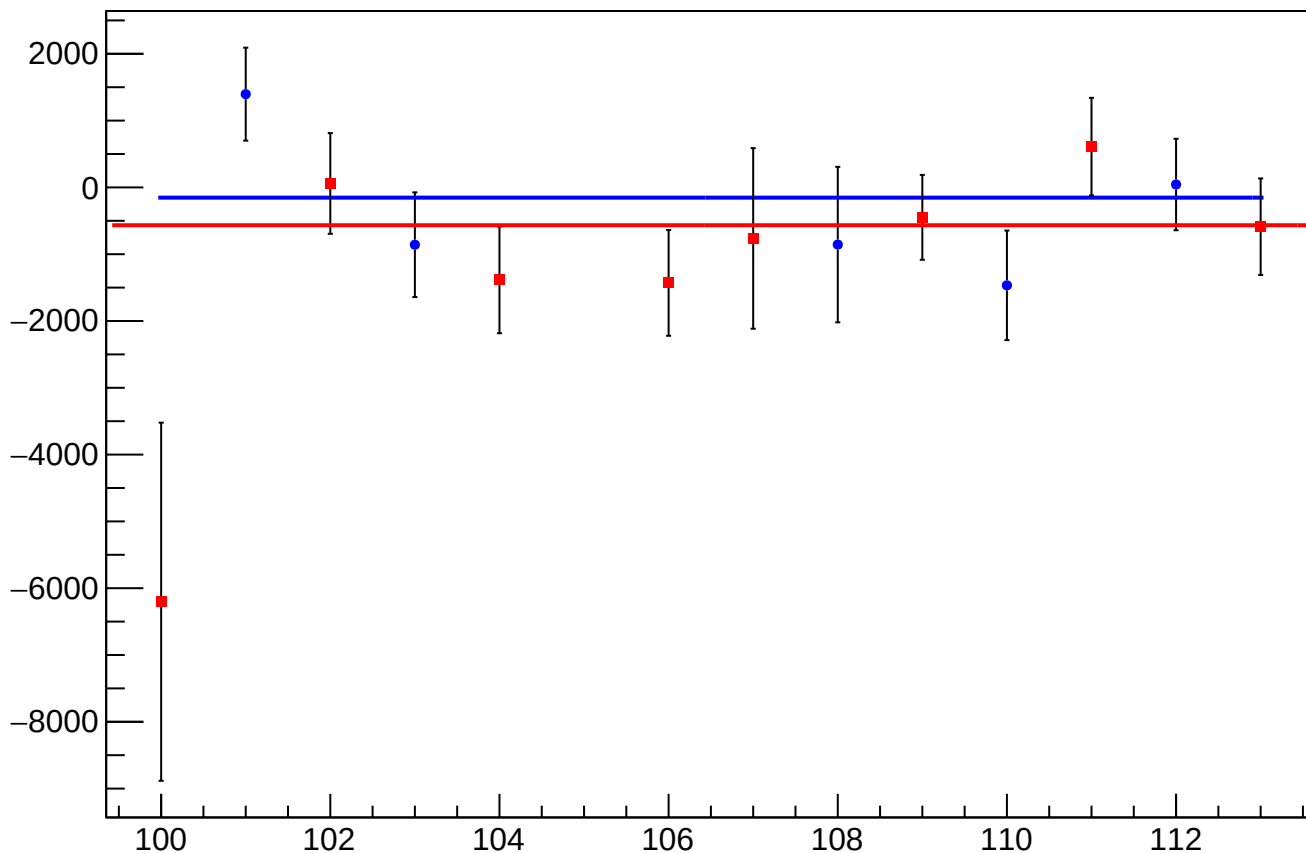
Right: 74.405+/-0.022 χ^2/NDF : 325732.4/12

In: 77.156+/-0.035 χ^2/NDF : 169224.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.405+/-0.022 χ^2/NDF : 325732.4/12

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: -566.284+/-290.180 χ^2/NDF : 10.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

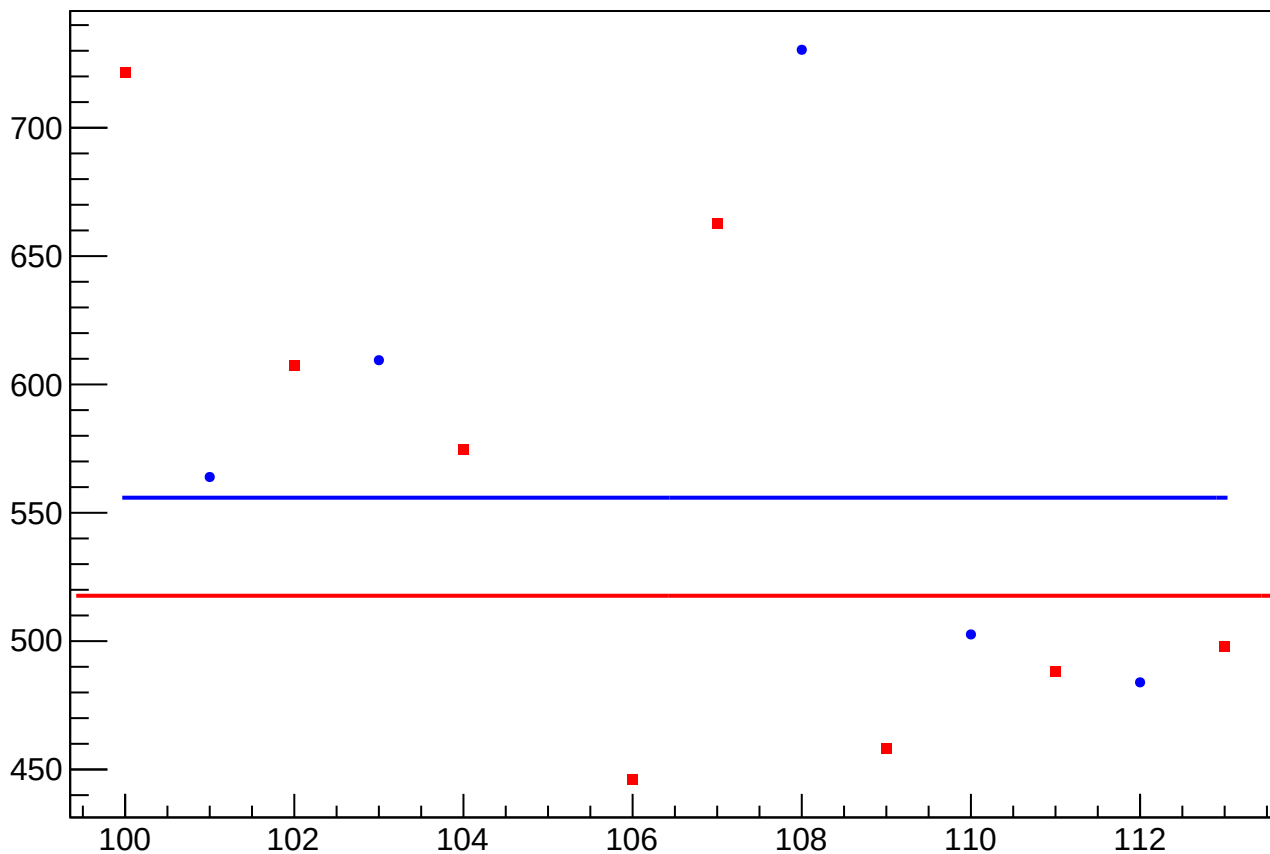
Right: -399.417+/-224.018 χ^2/NDF : 19.6/12

In: -153.268+/-352.438 χ^2/NDF : 8.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -399.417+/-224.018 χ^2/NDF : 19.6/12

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: 517.683+/-0.205 χ^2/NDF : 111855.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

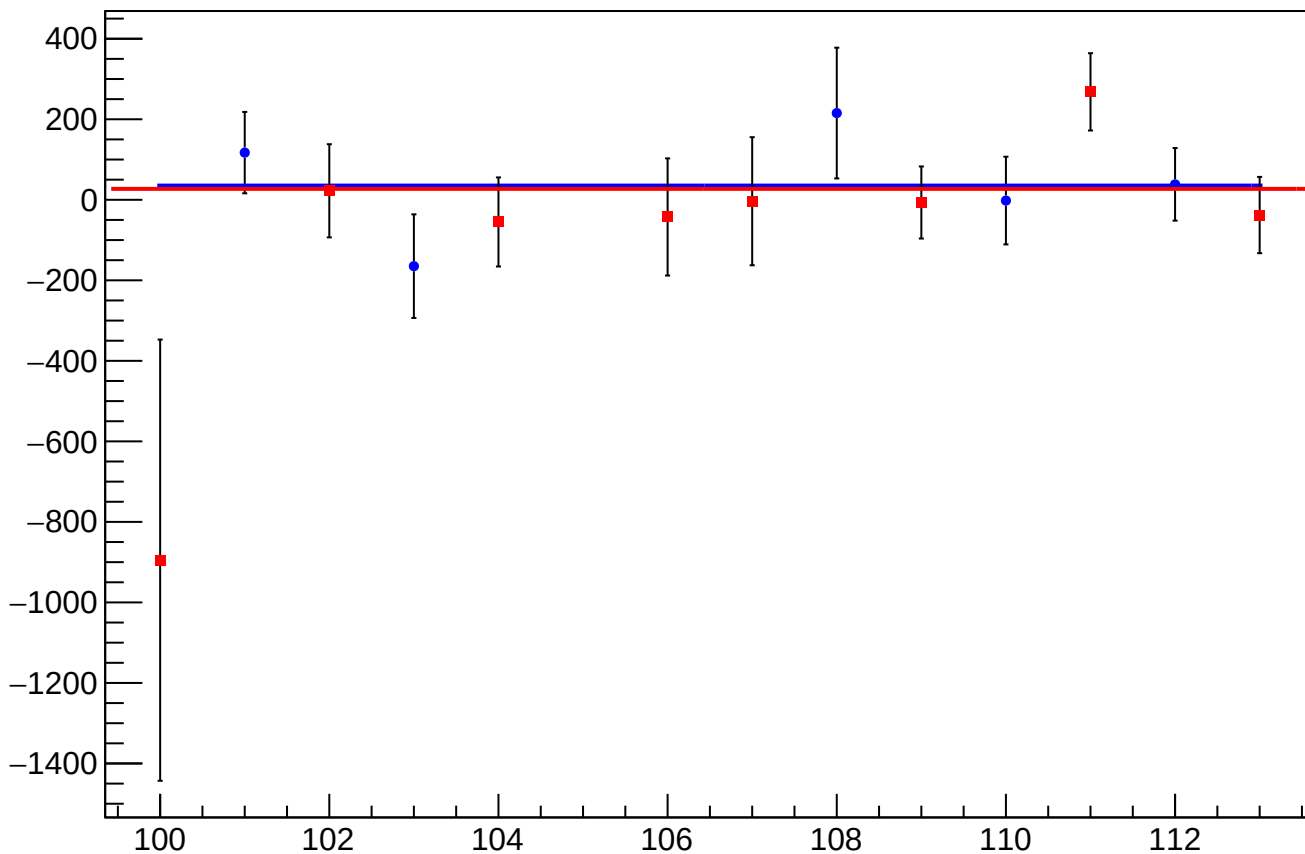
Right: 533.116+/-0.158 χ^2/NDF : 210966.7/12

In: 555.883+/-0.249 χ^2/NDF : 85107.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 533.116+/-0.158 χ^2/NDF : 210966.7/12

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: 27.169+/-41.125 χ^2/NDF : 10.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

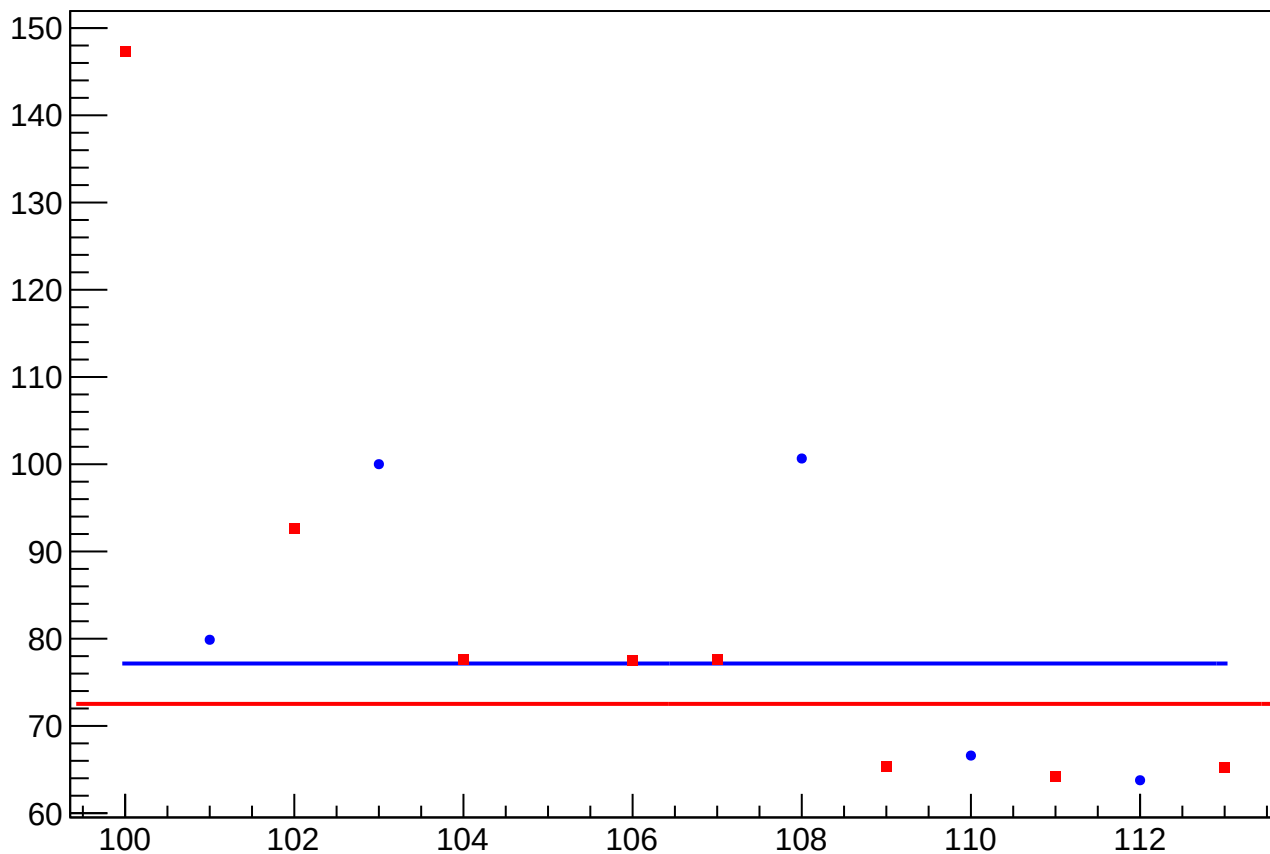
Right: 30.467+/-31.705 χ^2/NDF : 15.0/12

In: 35.299+/-49.780 χ^2/NDF : 4.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.467+/-31.705 χ^2/NDF : 15.0/12

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: 72.527+/-0.029 χ^2/NDF : 146232.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

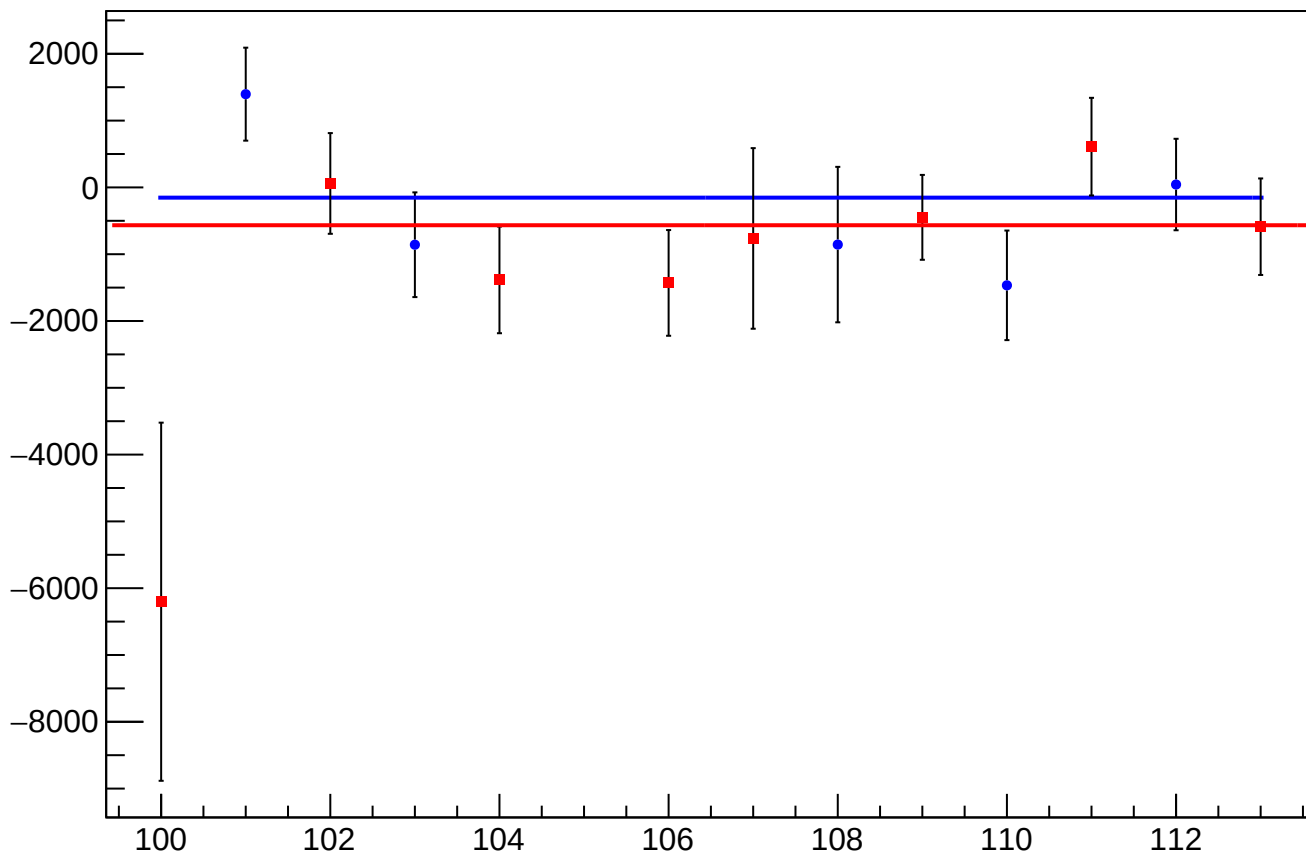
Right: 74.405+/-0.022 χ^2/NDF : 325737.3/12

In: 77.156+/-0.035 χ^2/NDF : 169228.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.405+/-0.022 χ^2/NDF : 325737.3/12

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: -566.283+/-290.179 χ^2/NDF : 10.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

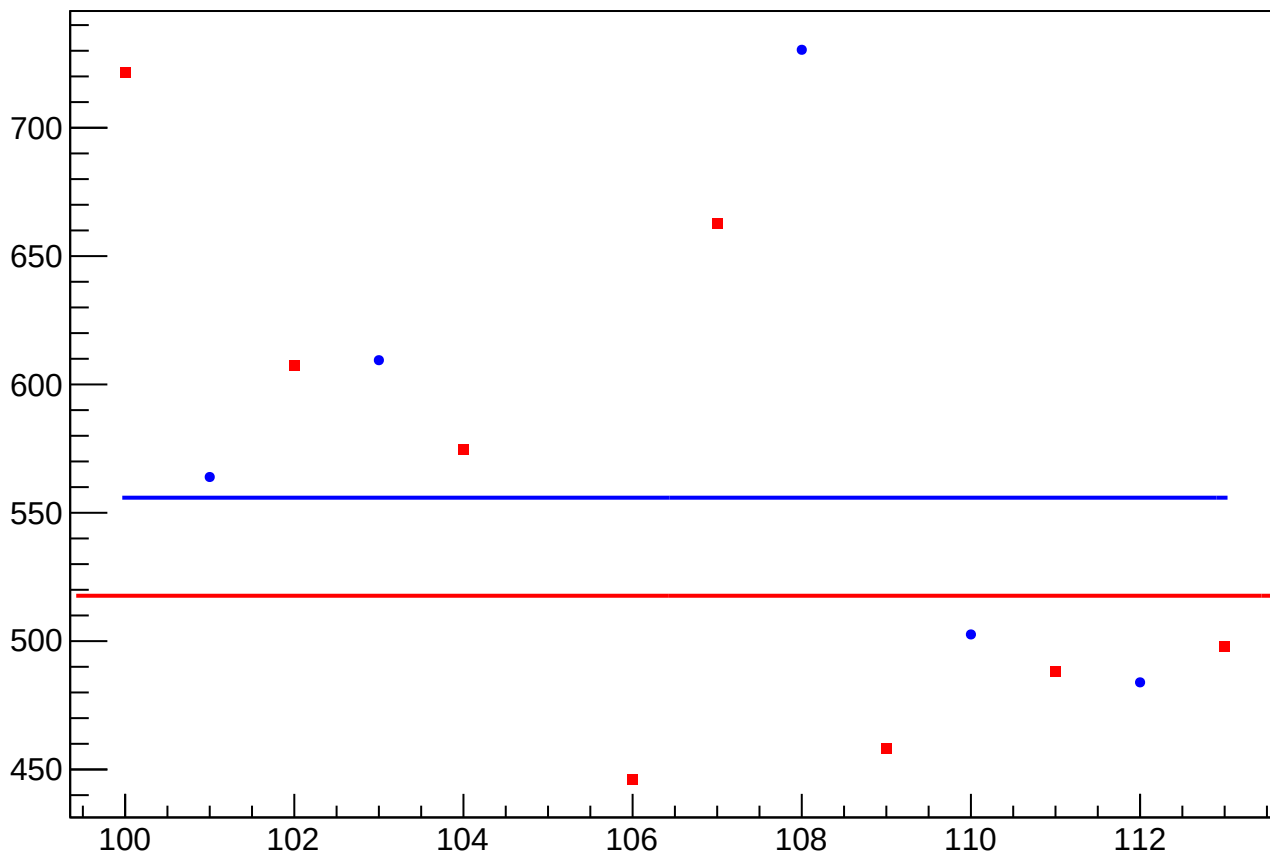
Right: -399.417+/-224.018 χ^2/NDF : 19.6/12

In: -153.268+/-352.437 χ^2/NDF : 8.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -399.417+/-224.018 χ^2/NDF : 19.6/12

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: 517.682+/-0.205 χ^2/NDF : 111856.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

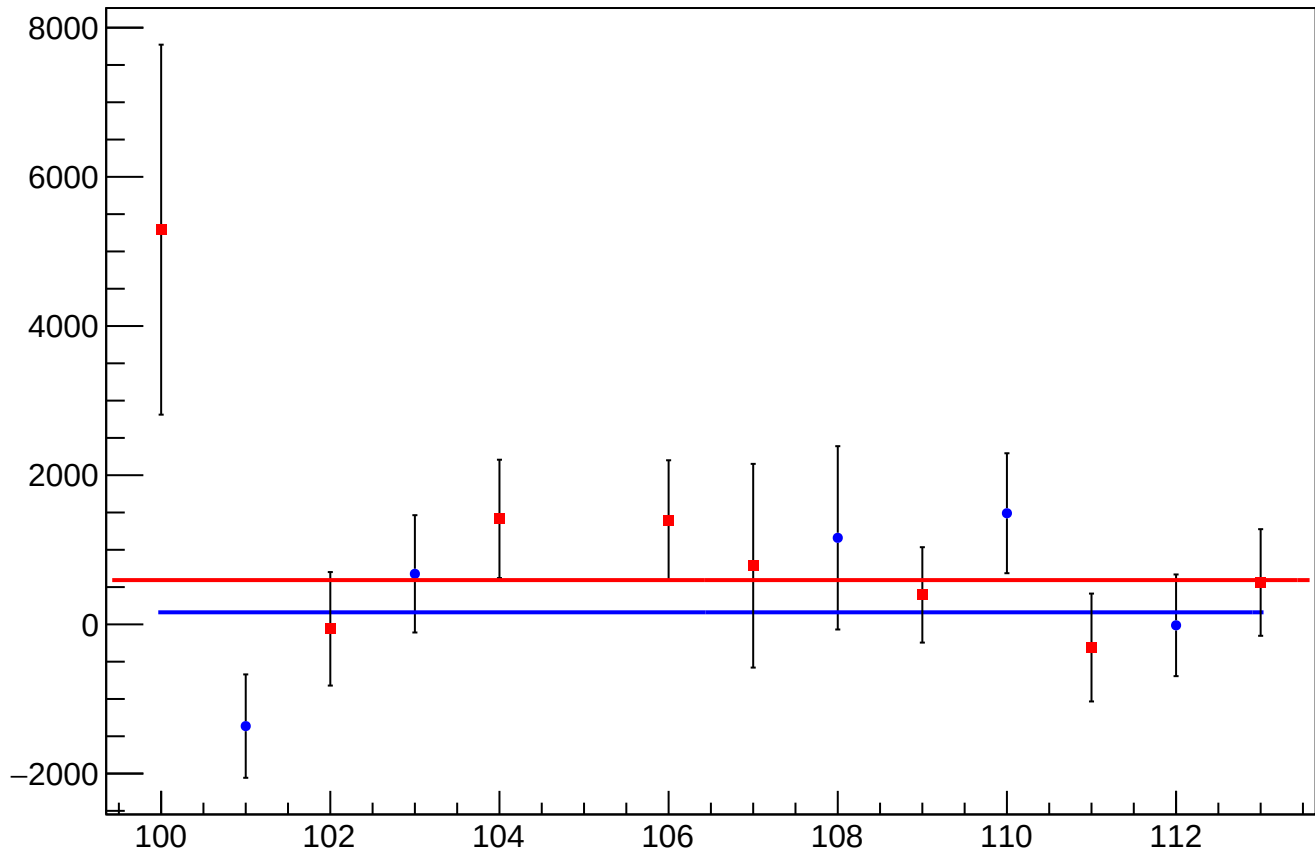
Right: 533.116+/-0.158 χ^2/NDF : 210968.1/12

In: 555.883+/-0.249 χ^2/NDF : 85107.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 533.116+/-0.158 χ^2/NDF : 210968.1/12

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: 593.707+/-290.260 χ^2/NDF : 8.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

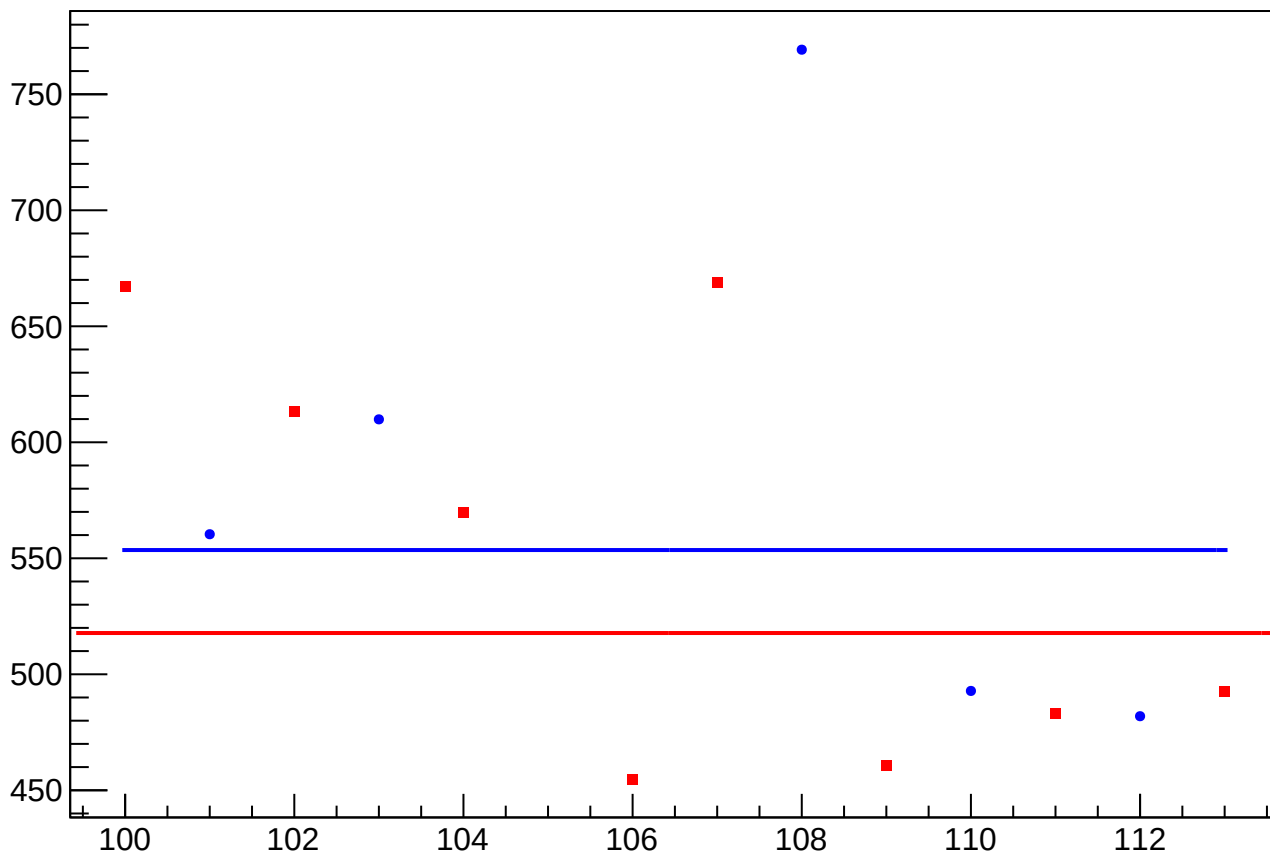
Right: 419.034+/-224.002 χ^2/NDF : 17.7/12

In: 161.810+/-352.232 χ^2/NDF : 8.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 419.034+/-224.002 χ^2/NDF : 17.7/12

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: 517.788 $\pm$ 0.205 χ^2 /NDF: 107000.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

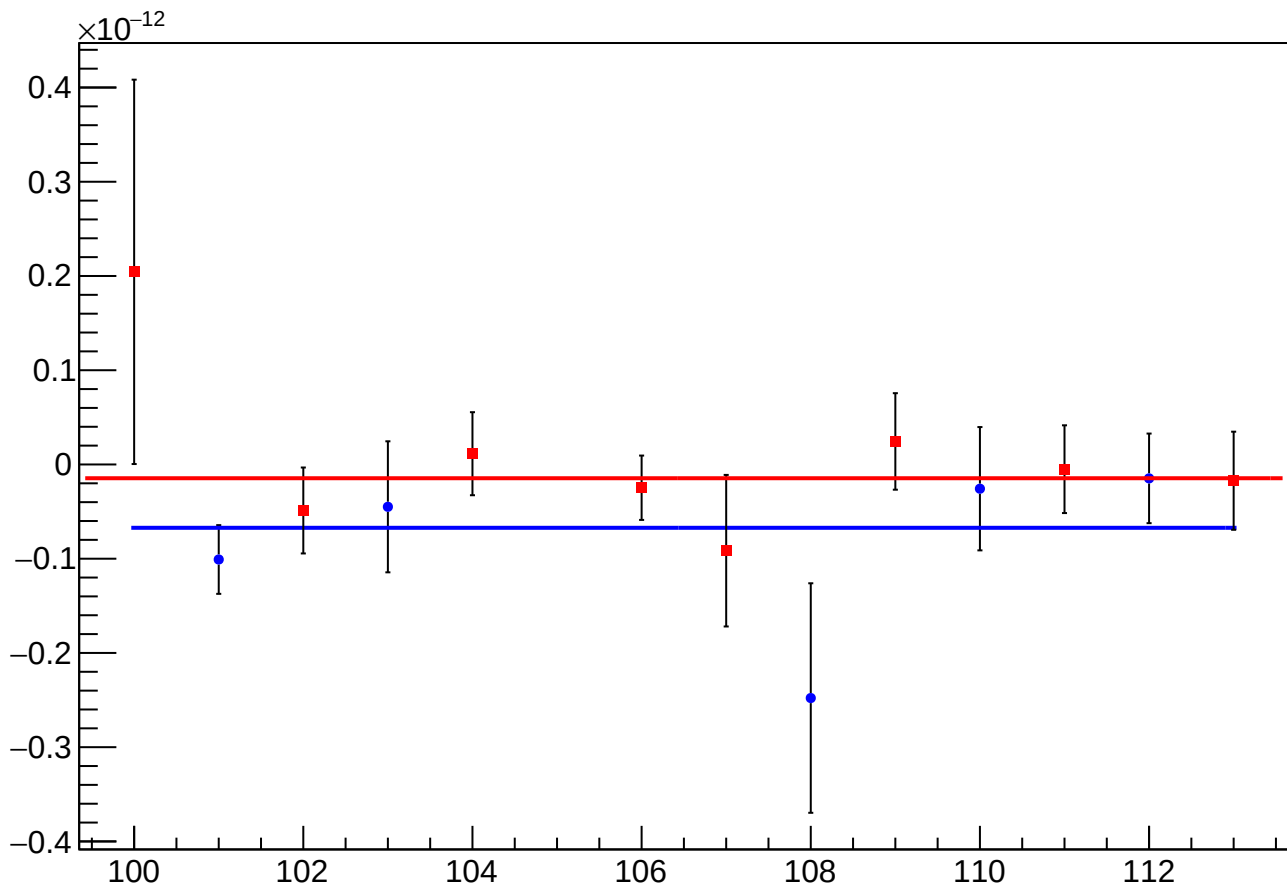
Right: 532.253 $\pm$ 0.158 χ^2 /NDF: 224833.2/12

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: 532.253 $\pm$ 0.158 χ^2 /NDF: 224833.2/12

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 : 3.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

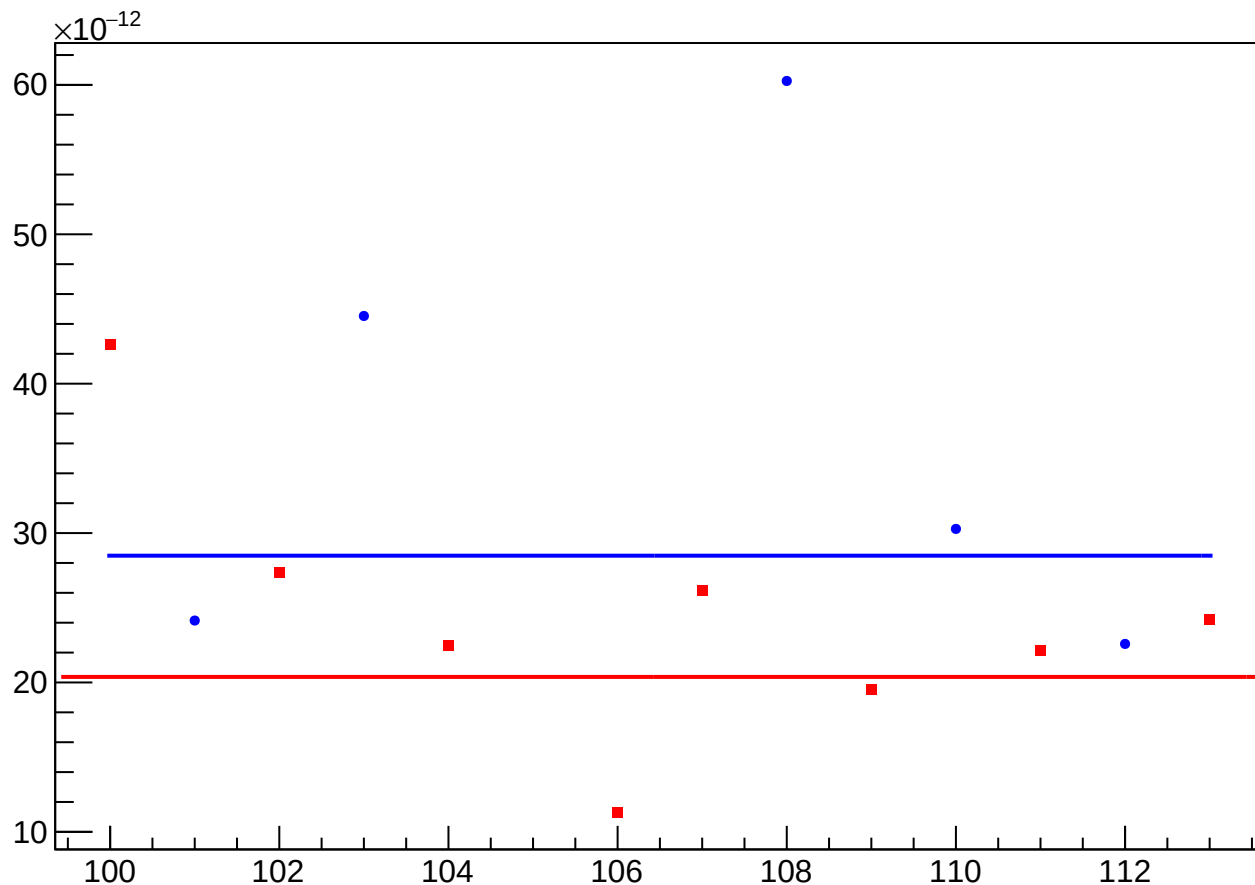
Right: -0.000+/-0.000 χ^2/NDF : 11.6/12

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 : 11.6/12

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 : 241289.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

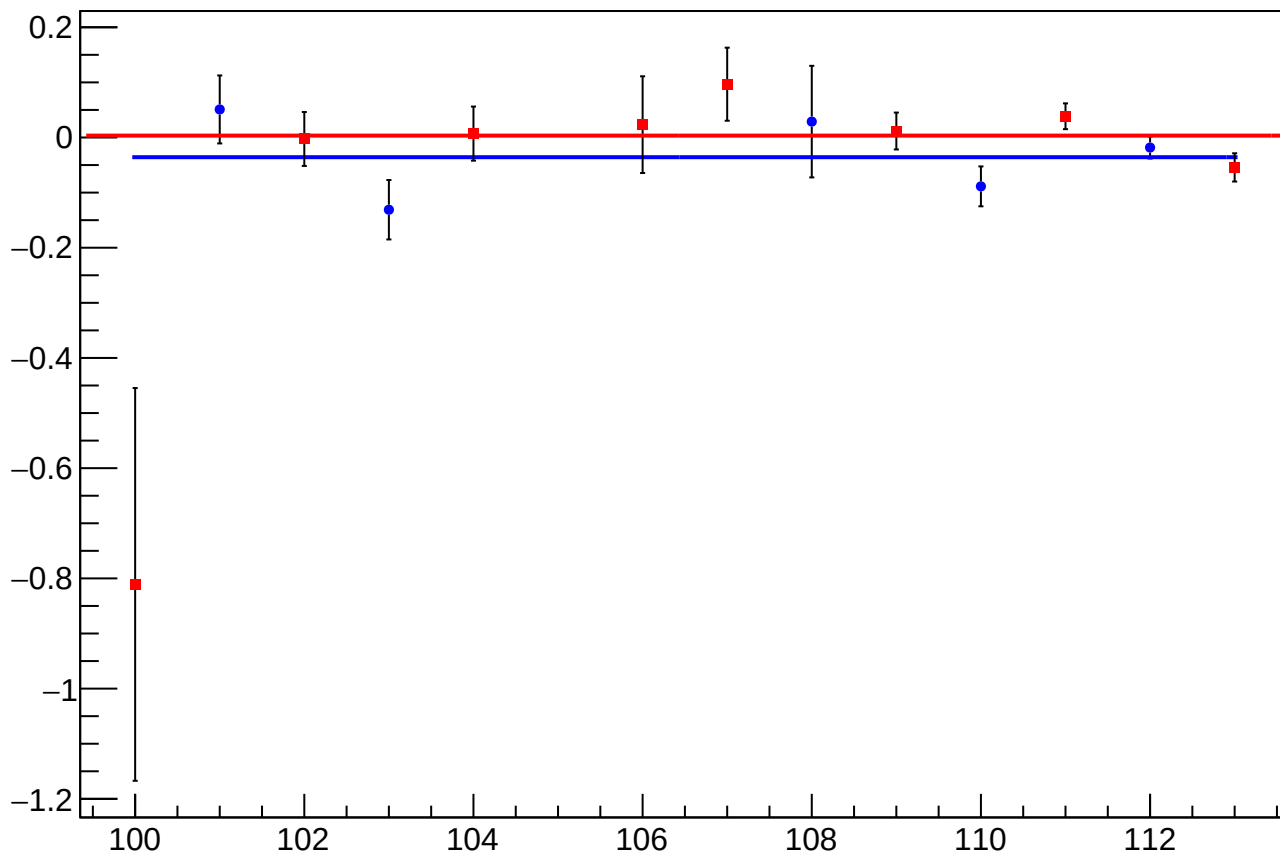
Right: 0.000+/-0.000 χ^2/NDF : 691884.7/12

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 : 691884.7/12

asym_sam_15_48_dd_dit_vs_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: 0.003 $\pm$ 0.014 χ^2 /NDF: 14.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

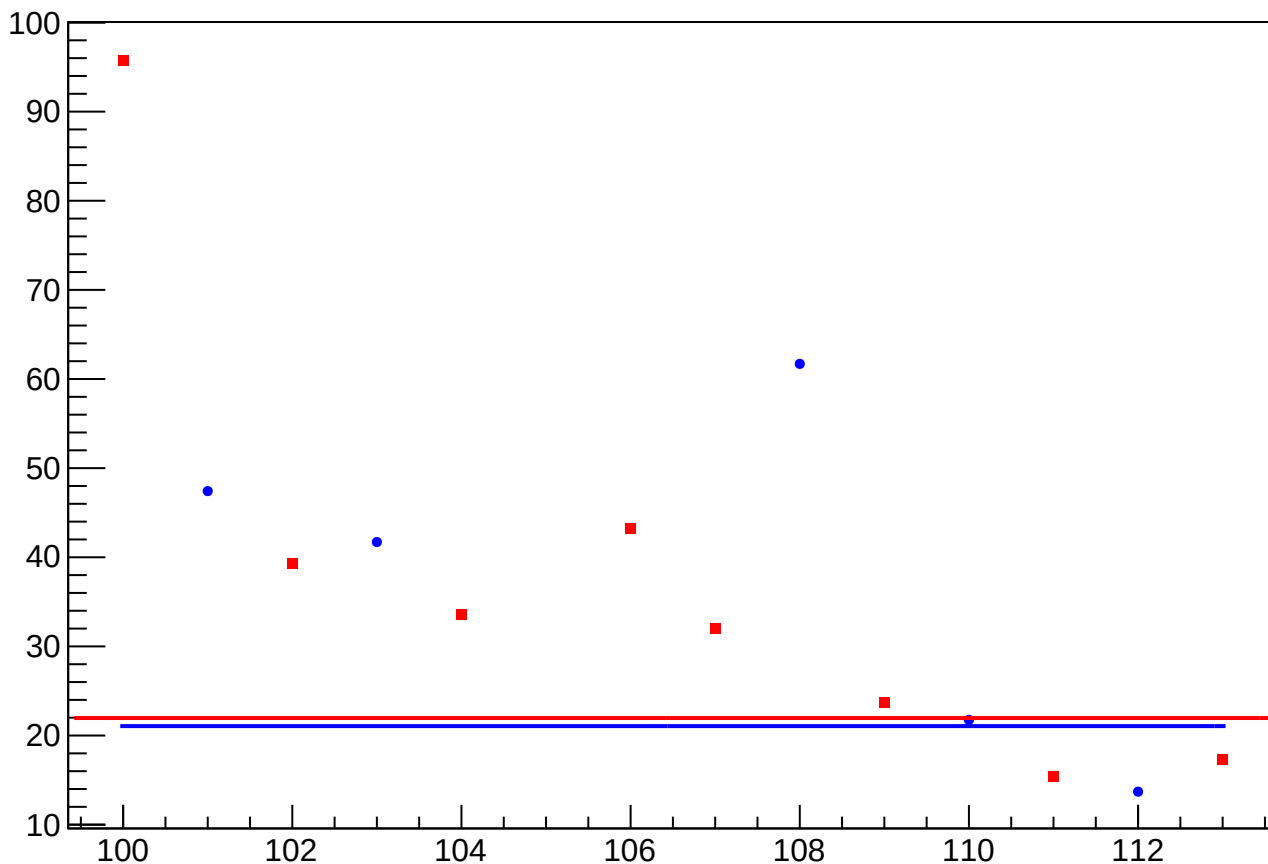
Right: -0.013 $\pm$ 0.010 χ^2 /NDF: 26.6/12

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: -0.013 $\pm$ 0.010 χ^2 /NDF: 26.6/12

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: 21.964+/-0.010 χ^2/NDF : 841394.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

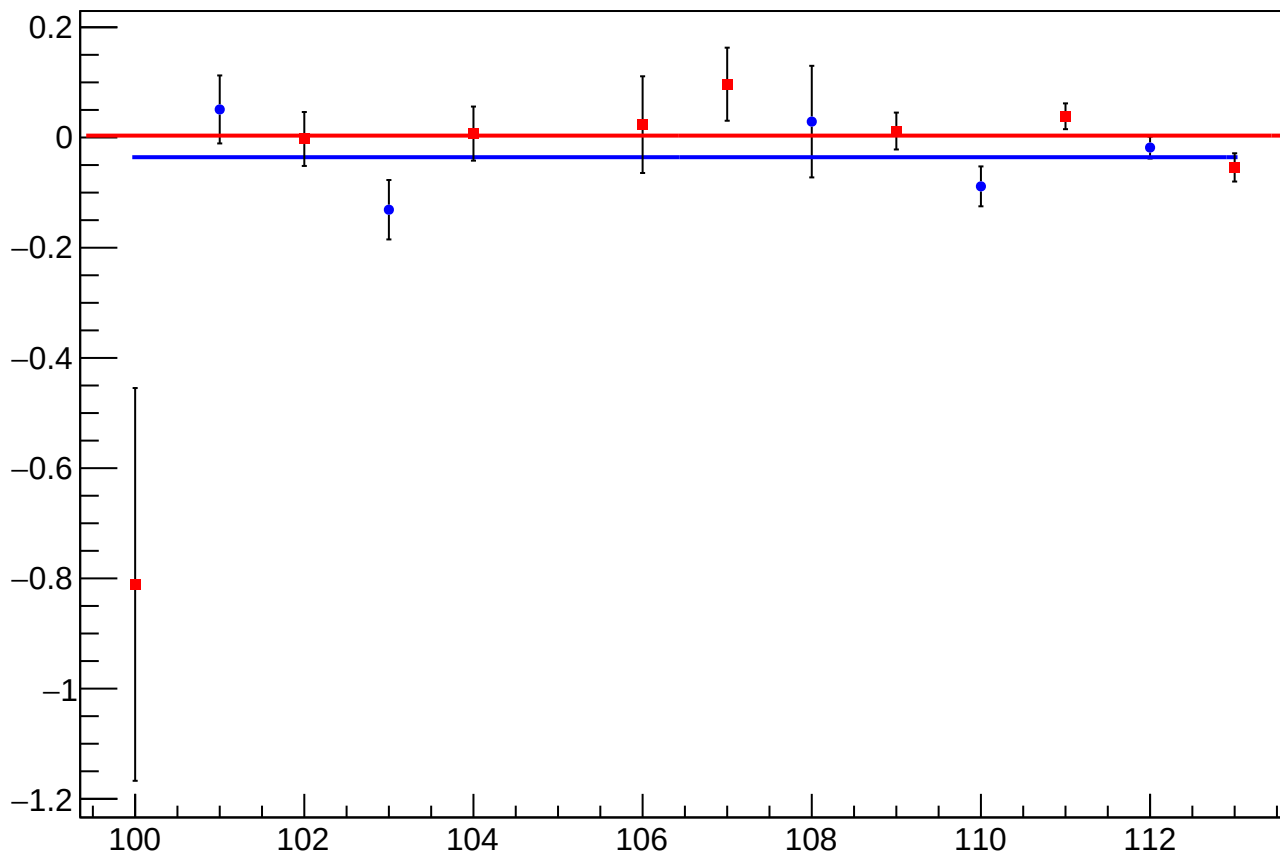
Right: 21.581+/-0.007 χ^2/NDF : 2099803.3/12

In: 21.059+/-0.011 χ^2/NDF : 1254641.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.581+/-0.007 χ^2/NDF : 2099803.3/12

asym_sam_15_48_dd_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: 0.003 $\pm$ 0.014 χ^2 /NDF: 14.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

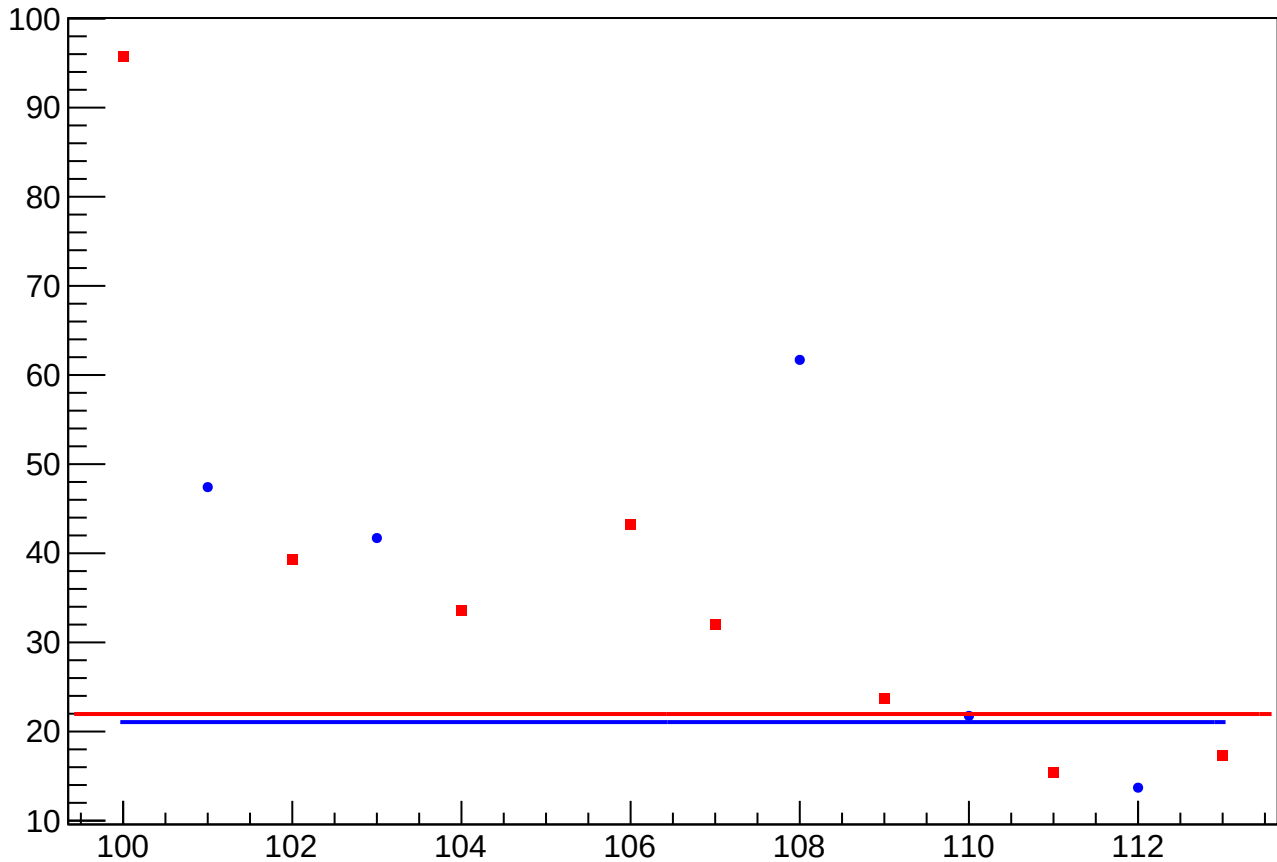
Right: -0.013 $\pm$ 0.010 χ^2 /NDF: 26.6/12

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: -0.013 $\pm$ 0.010 χ^2 /NDF: 26.6/12

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: 21.964+/-0.010 χ^2/NDF : 841394.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

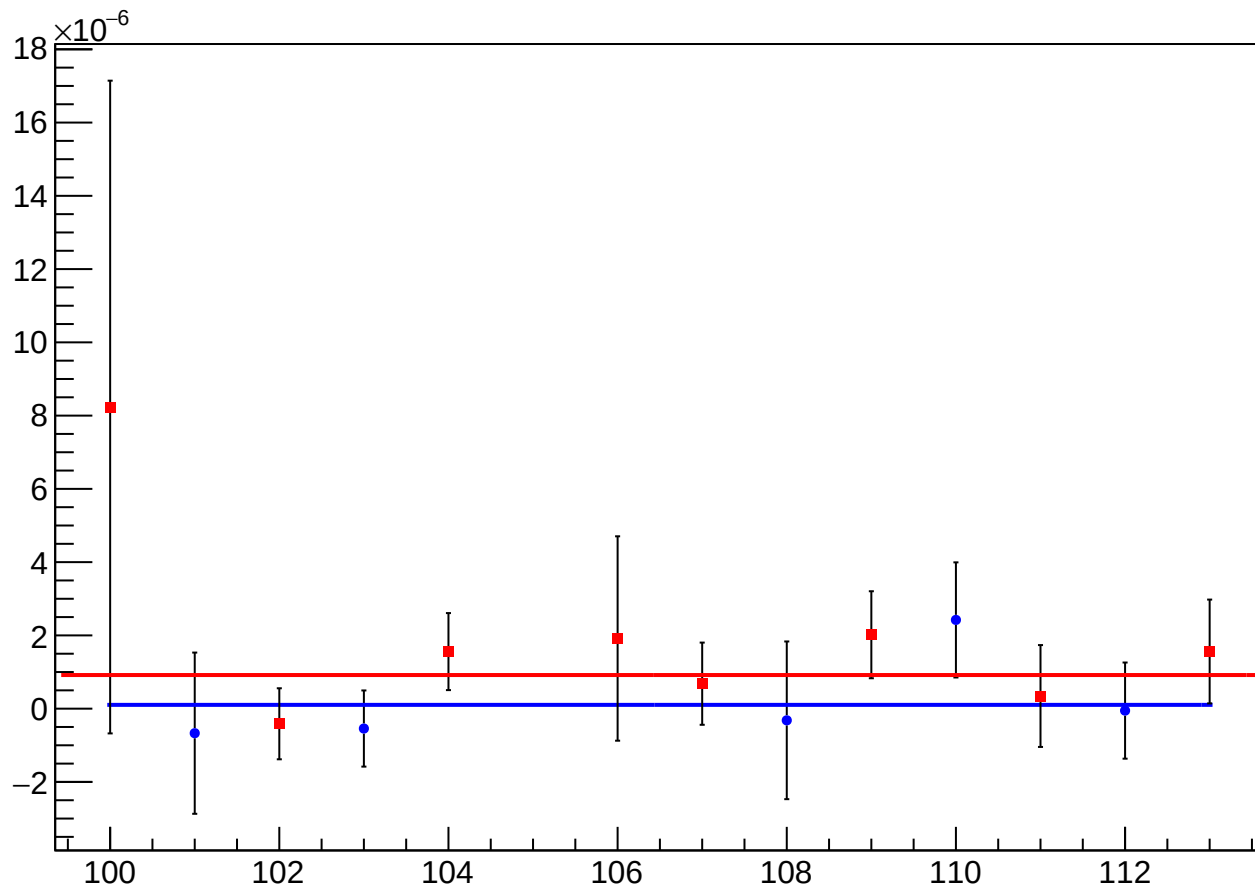
Right: 21.581+/-0.007 χ^2/NDF : 2099803.3/12

In: 21.059+/-0.011 χ^2/NDF : 1254641.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.581+/-0.007 χ^2/NDF : 2099803.3/12

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 : 4.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

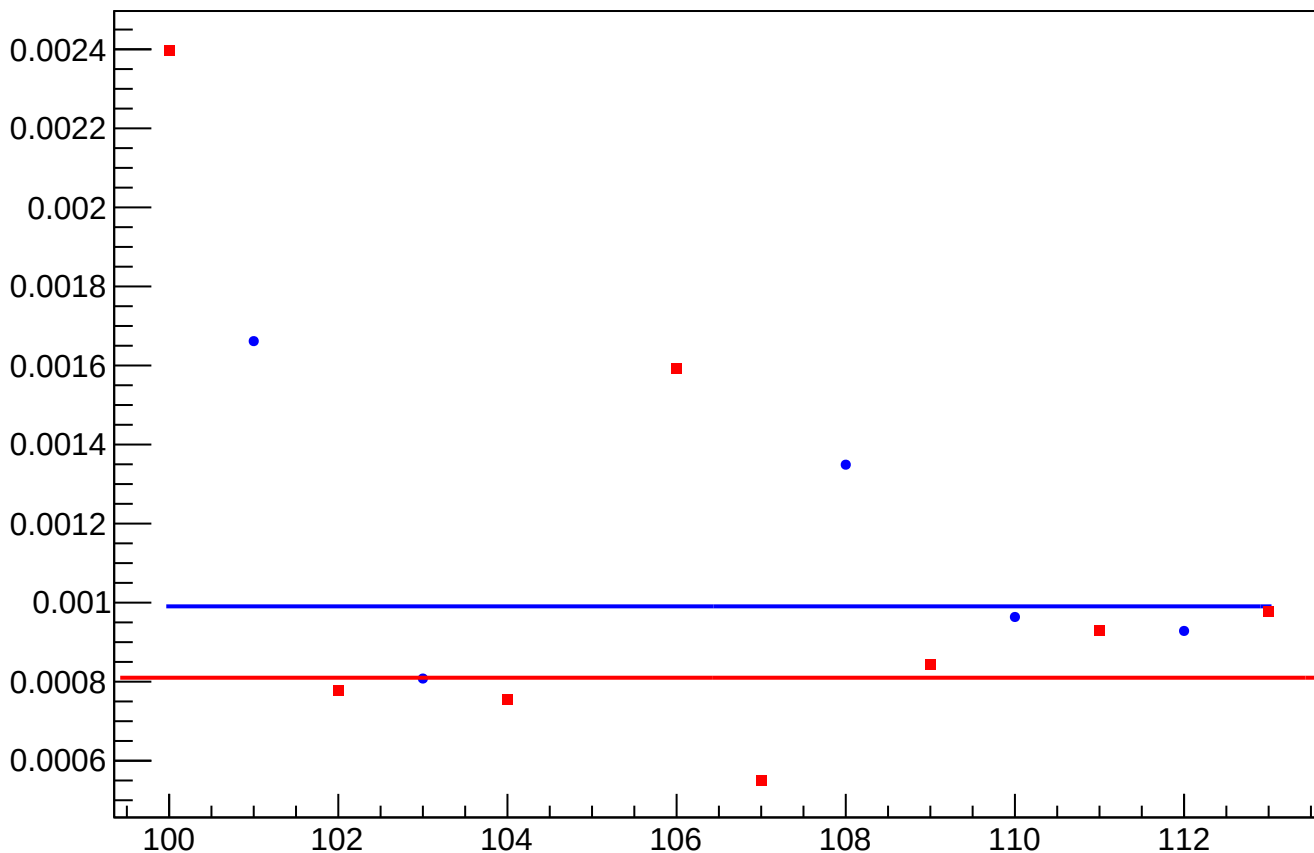
Right: 0.000+/-0.000 χ^2/NDF : 8.1/12

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 : 8.1/12

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 : 379832.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

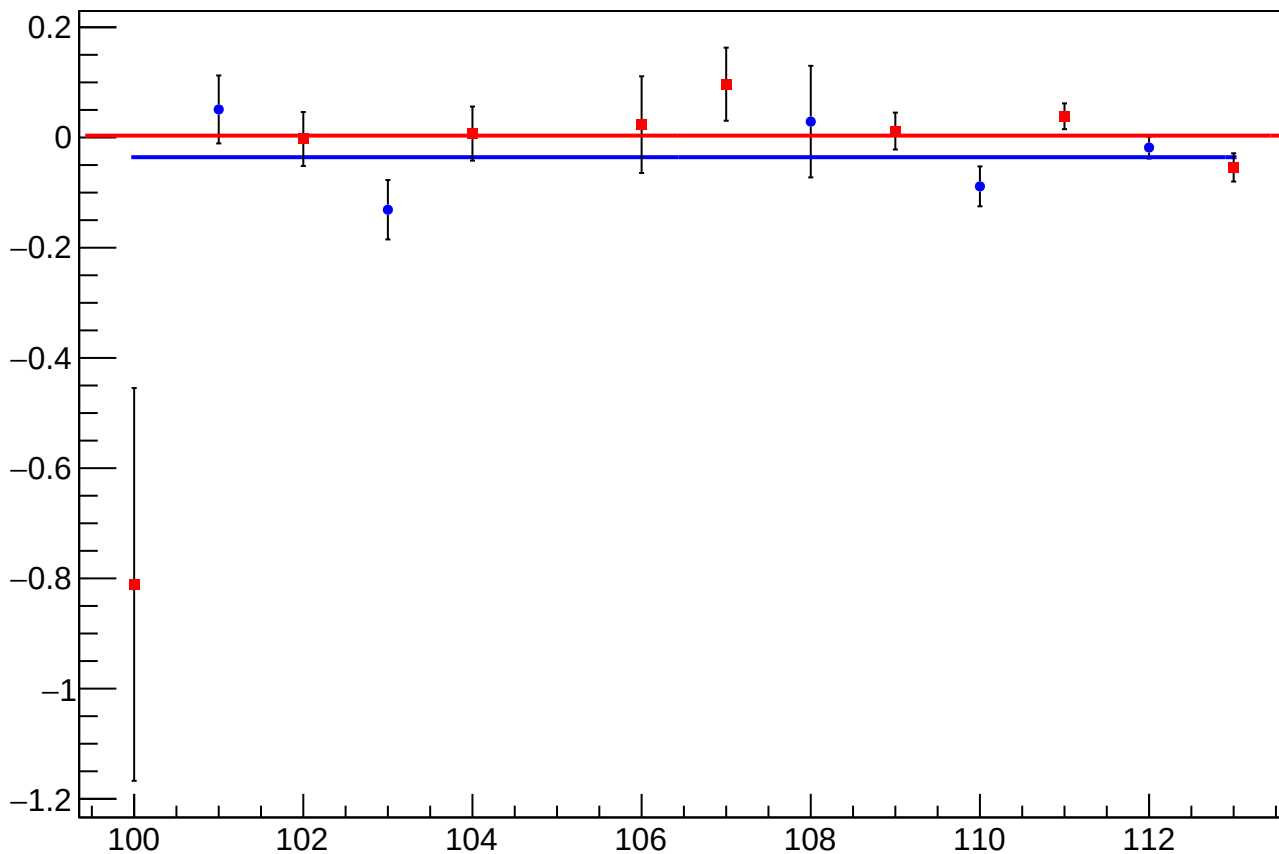
Right: 0.001+/-0.000 χ^2/NDF : 789234.0/12

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 : 789234.0/12

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: 0.003 ± 0.014 χ^2/NDF : 14.7/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

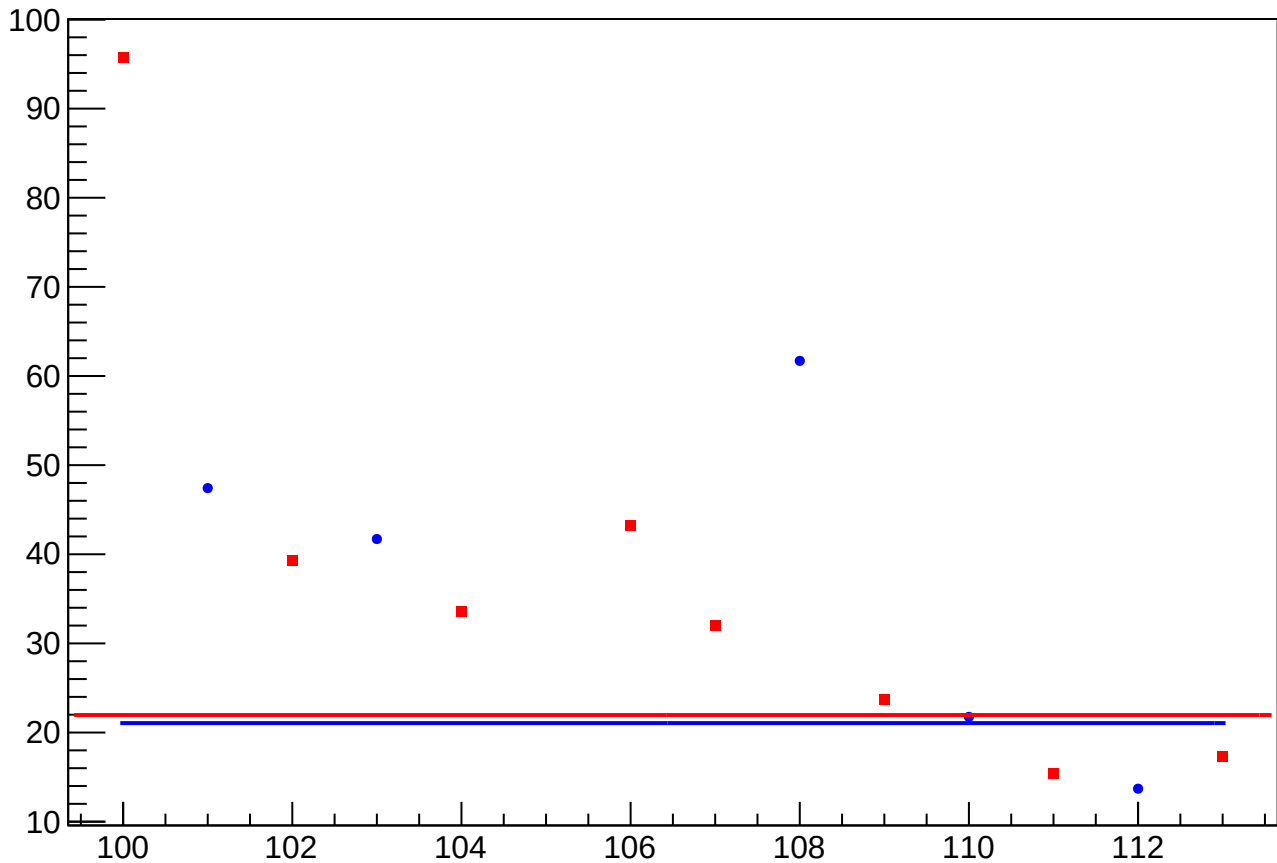
Right: -0.013 ± 0.010 χ^2/NDF : 26.6/12

In: -0.036 ± 0.016 χ^2/NDF : 8.4/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.013 ± 0.010 χ^2/NDF : 26.6/12

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: 21.964+/-0.010 χ^2/NDF : 841442.5/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

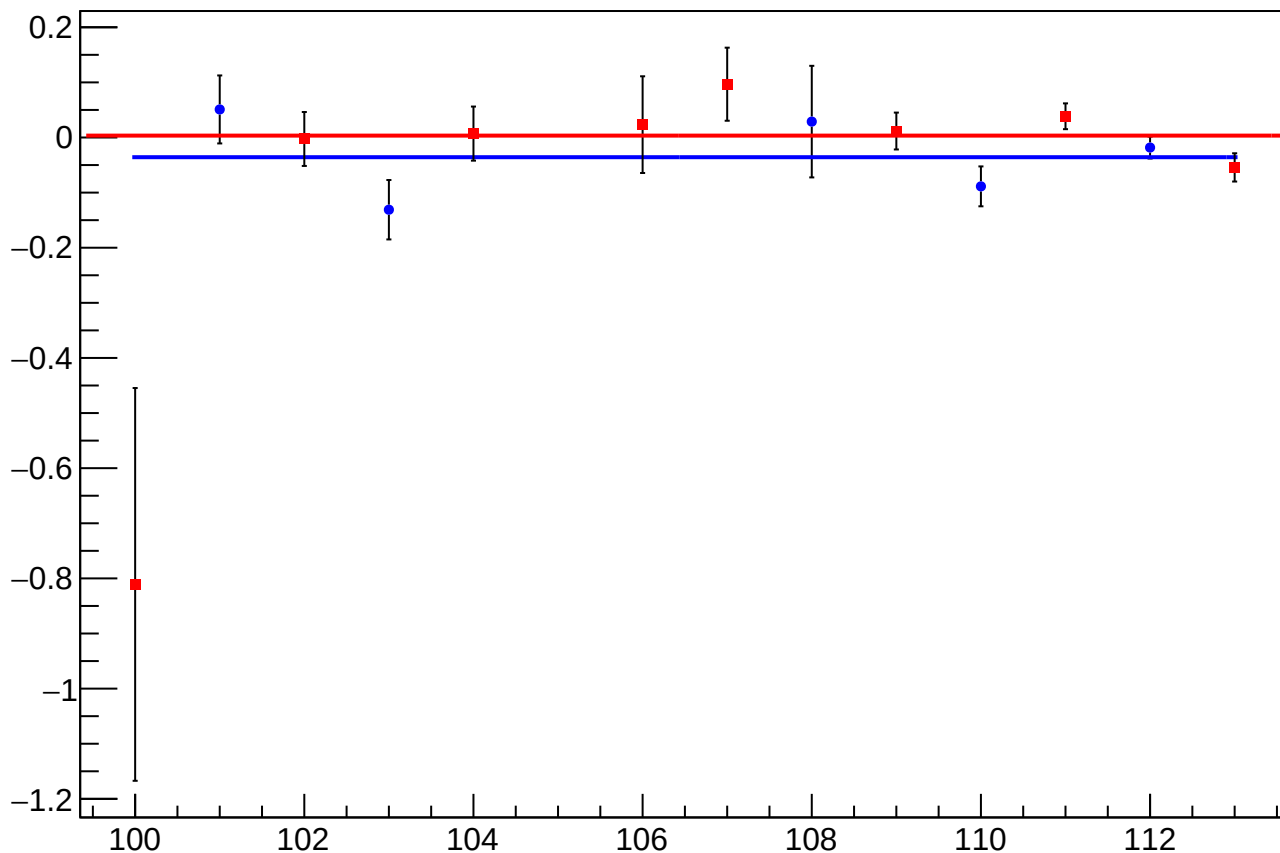
Right: 21.581+/-0.007 χ^2/NDF : 2099885.3/12

In: 21.059+/-0.011 χ^2/NDF :1254675.0/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 21.581+/-0.007 χ^2/NDF : 2099885.3/12

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: 0.003 $\pm$ 0.014 χ^2 /NDF: 14.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

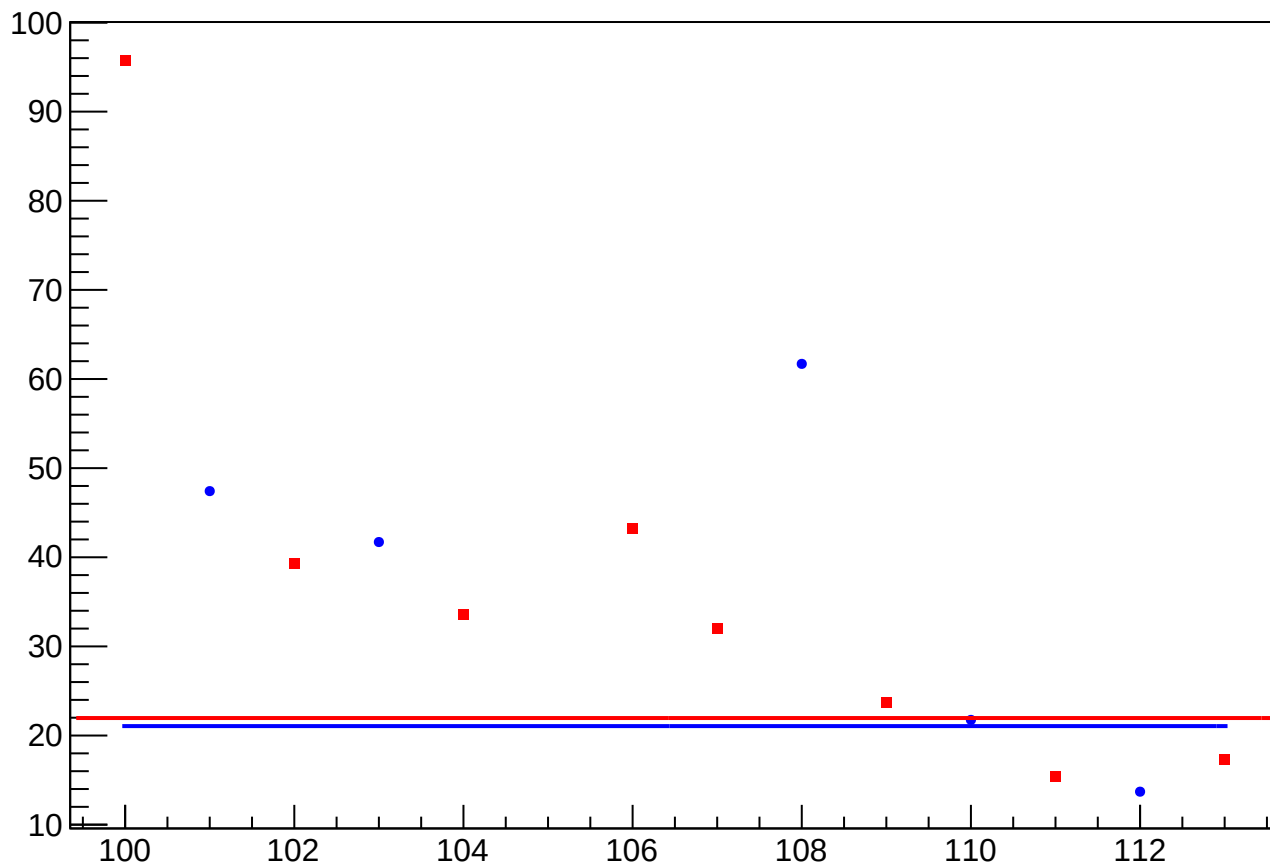
Right: -0.013 $\pm$ 0.010 χ^2 /NDF: 26.6/12

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: -0.013 $\pm$ 0.010 χ^2 /NDF: 26.6/12

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: 21.964+/-0.010 χ^2/NDF : 841442.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

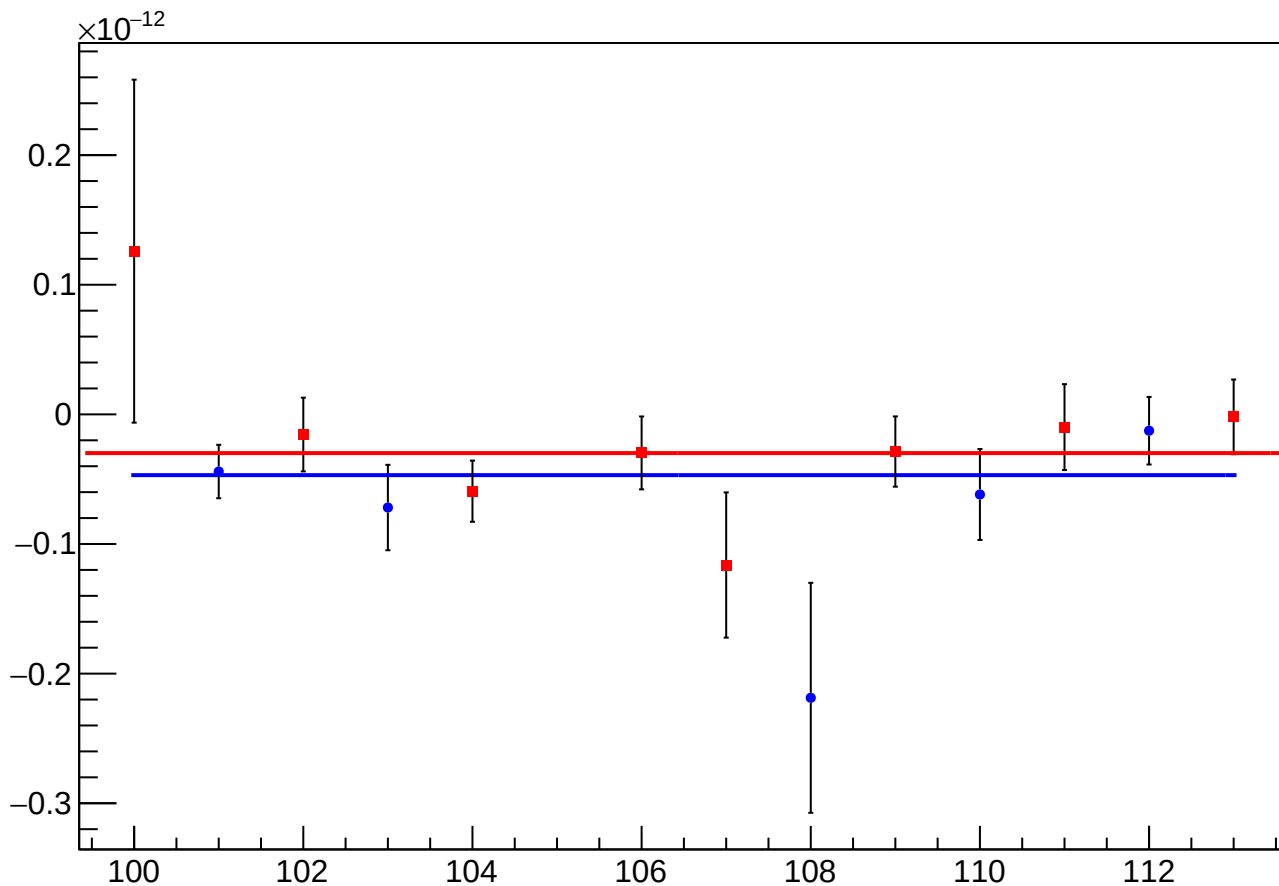
Right: 21.581+/-0.007 χ^2/NDF : 2099885.3/12

In: 21.059+/-0.011 χ^2/NDF : 1254675.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.581+/-0.007 χ^2/NDF : 2099885.3/12

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: 6.9/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

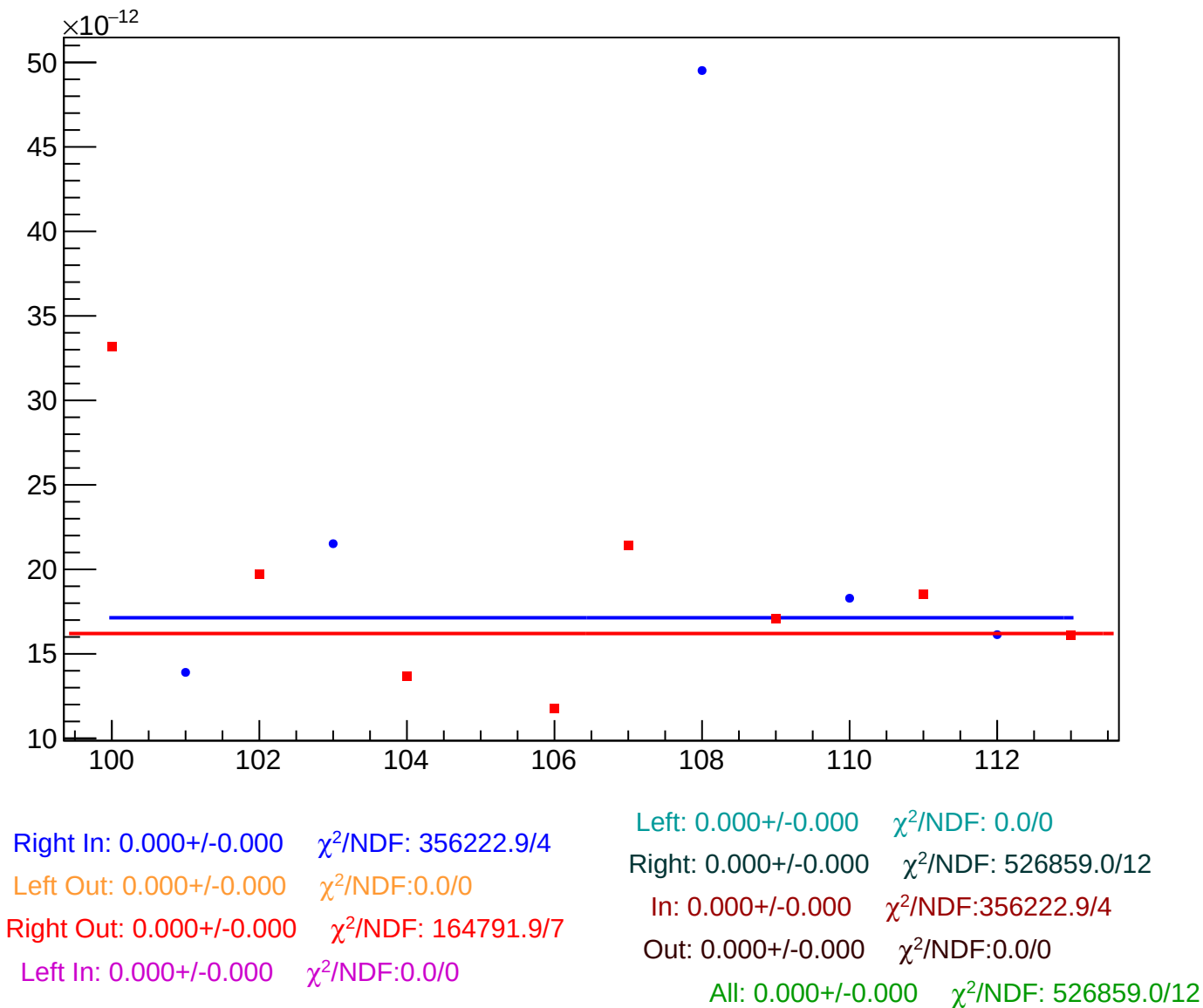
Right: -0.000+/-0.000 χ^2 /NDF: 14.1/12

In: -0.000+/-0.000 χ^2 /NDF:6.3/4

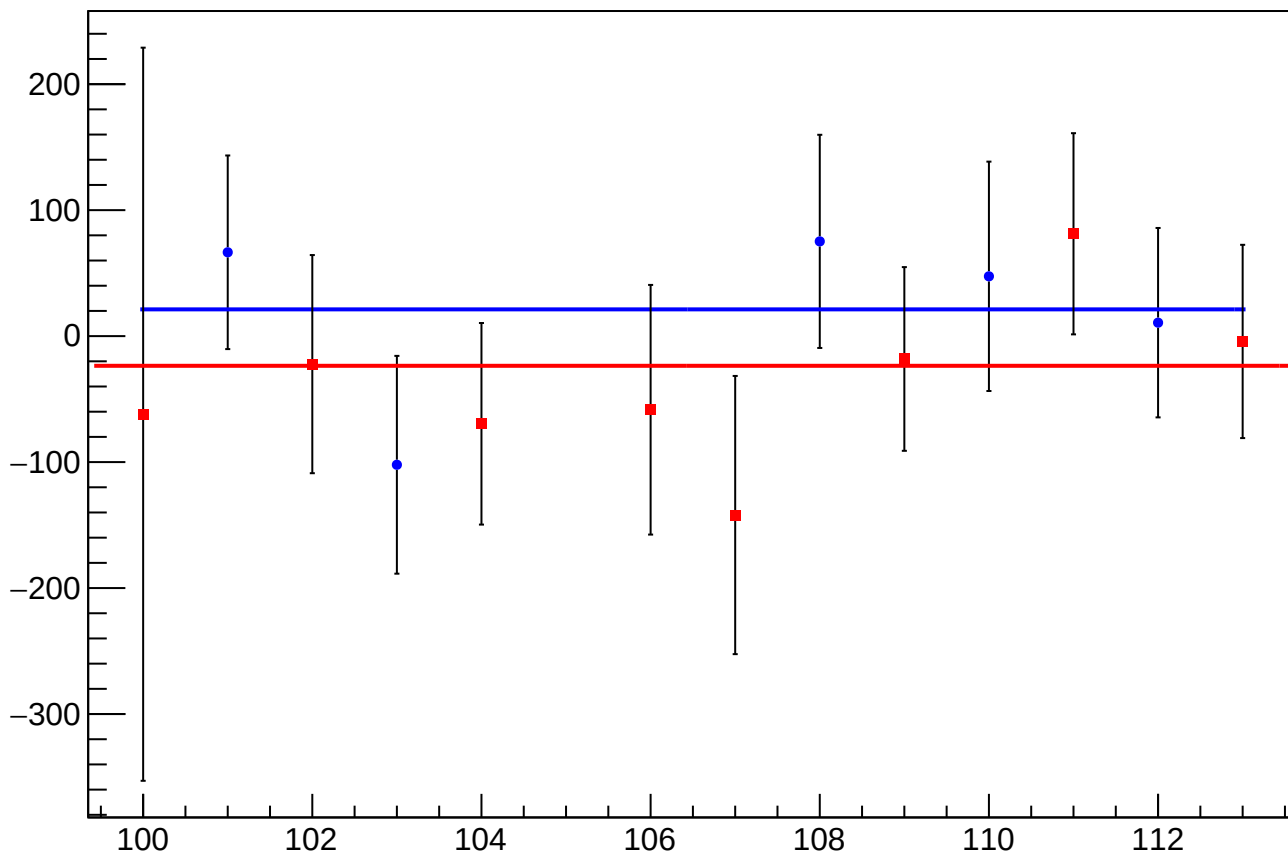
Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 14.1/12

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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: -23.562+/-31.621 χ^2/NDF : 3.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

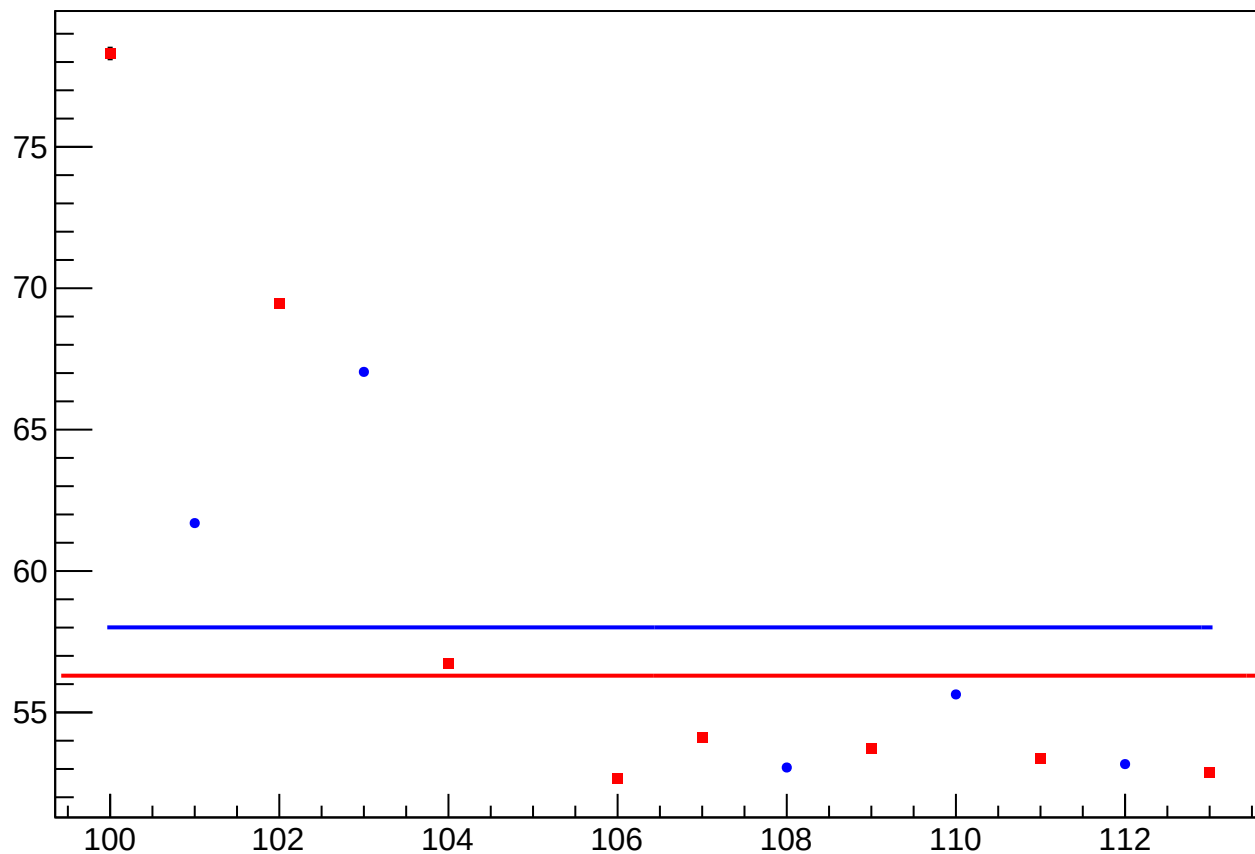
Right: -4.505+/-23.970 χ^2/NDF : 7.2/12

In: 21.235+/-36.750 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.505+/-23.970 χ^2/NDF : 7.2/12

reg_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 58.007 $\pm$ 0.026 χ^2 /NDF: 42941.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 56.299 $\pm$ 0.022 χ^2 /NDF: 70271.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

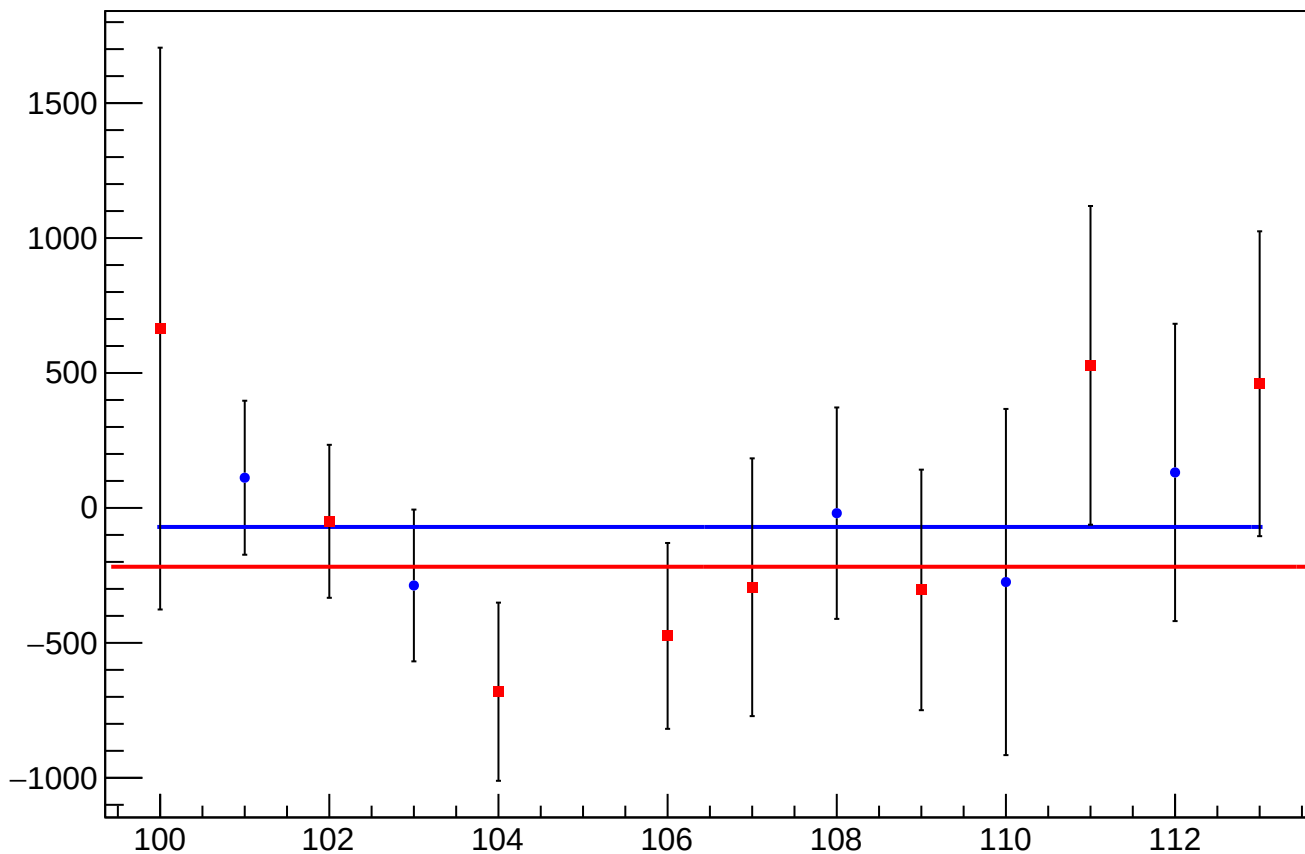
Right: 57.026 $\pm$ 0.017 χ^2 /NDF: 115695.5/12

In: 58.007 $\pm$ 0.026 χ^2 /NDF:42941.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 57.026 $\pm$ 0.017 χ^2 /NDF: 115695.5/12

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: -217.912 ± 146.790 χ^2/NDF : 6.7/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

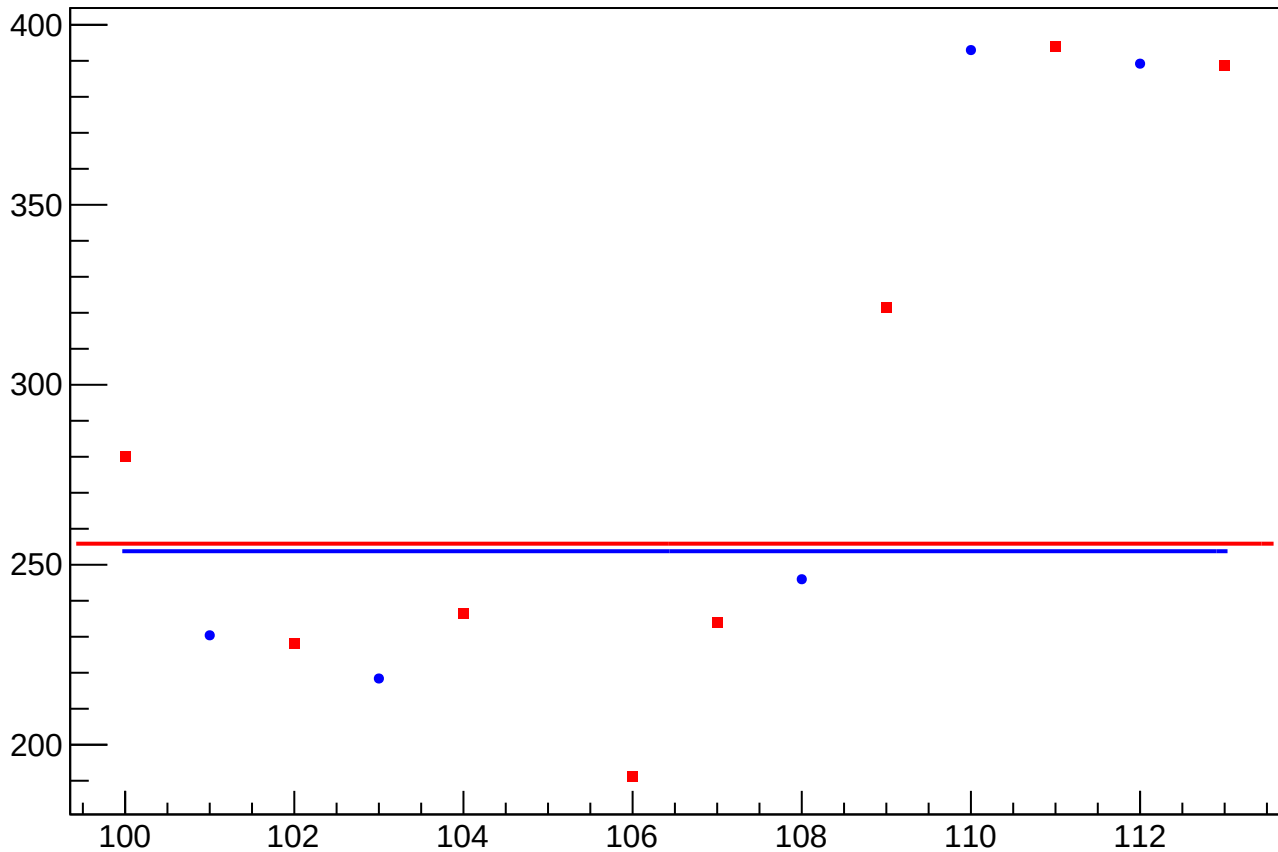
Right: -152.326 ± 109.376 χ^2/NDF : 8.4/12

In: -70.461 ± 163.999 χ^2/NDF : 1.3/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -152.326 ± 109.376 χ^2/NDF : 8.4/12

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: 255.856+/-0.104 χ^2/NDF : 366143.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

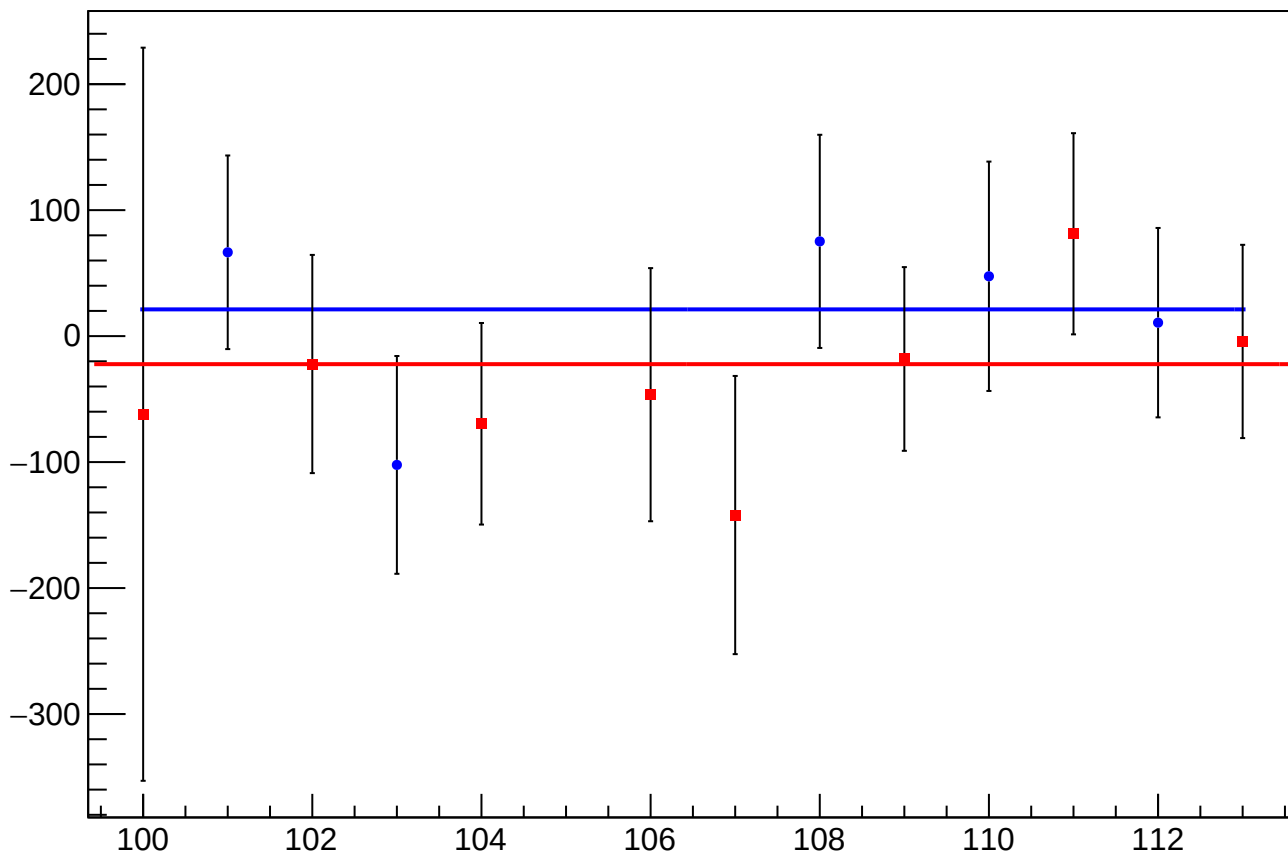
Right: 254.925+/-0.077 χ^2/NDF : 627365.6/12

In: 253.763+/-0.116 χ^2/NDF : 261041.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 254.925+/-0.077 χ^2/NDF : 627365.6/12

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: -22.263+/-31.666 χ^2/NDF : 3.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

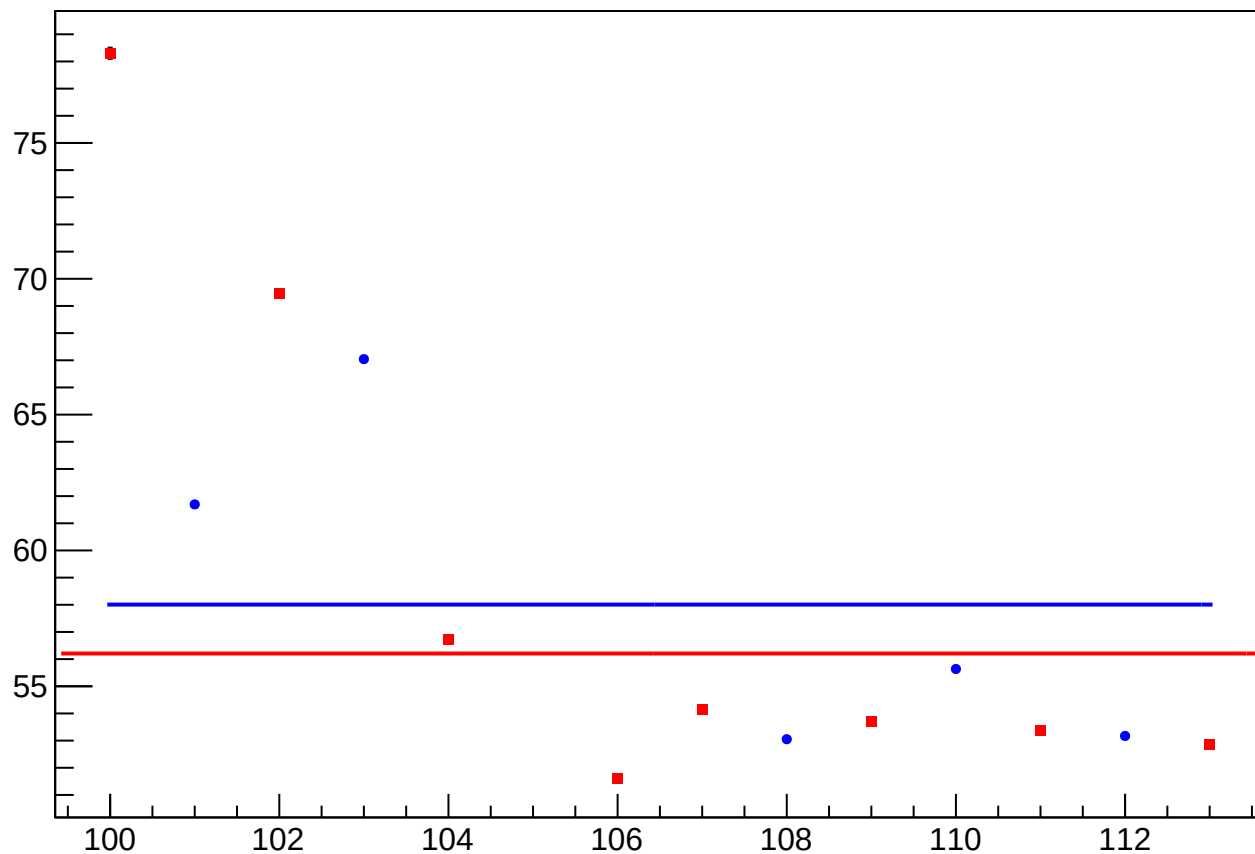
Right: -3.735+/-23.989 χ^2/NDF : 7.0/12

In: 21.221+/-36.750 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.735+/-23.989 χ^2/NDF : 7.0/12

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: 56.206 $\pm$ 0.022 χ^2 /NDF: 72039.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

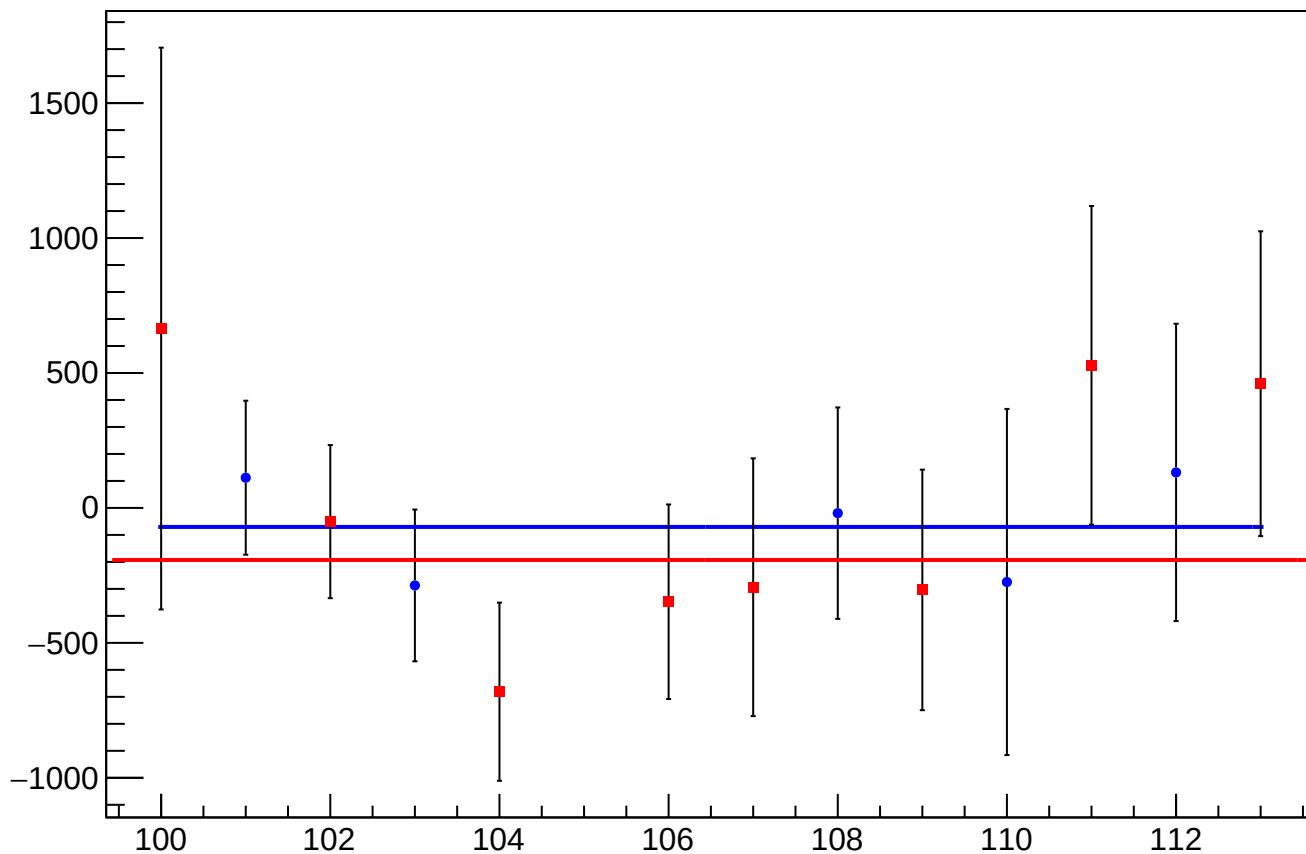
Right: 56.973 $\pm$ 0.017 χ^2 /NDF: 117739.4/12

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: 56.973 $\pm$ 0.017 χ^2 /NDF: 117739.4/12

asym_sam_37_48_dd_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: -192.826+/-147.991 χ^2/NDF : 6.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

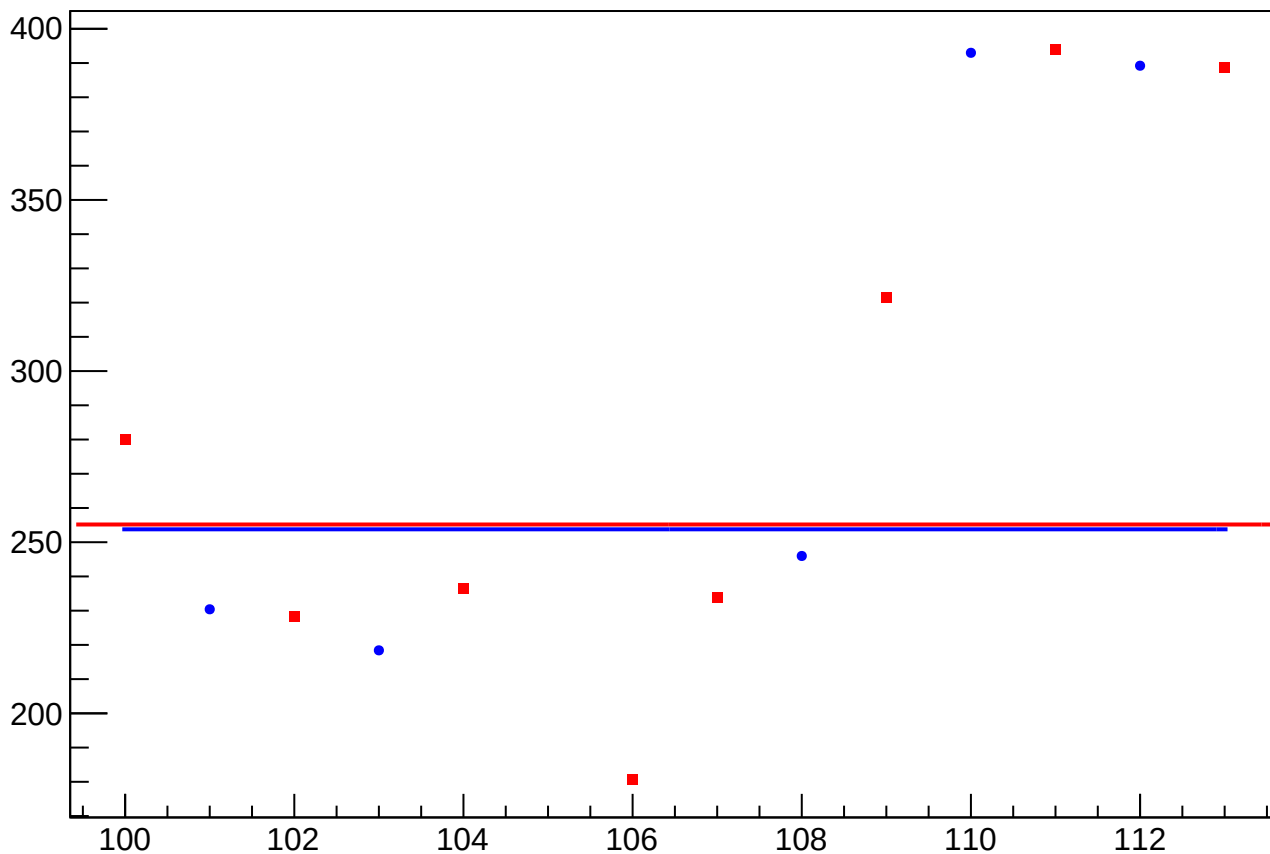
Right: -137.894+/-109.871 χ^2/NDF : 7.8/12

In: -70.434+/-164.001 χ^2/NDF : 1.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -137.894+/-109.871 χ^2/NDF : 7.8/12

asym_sam_37_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 253.767+/-0.116 χ^2/NDF : 261027.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 255.178+/-0.105 χ^2/NDF : 382384.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

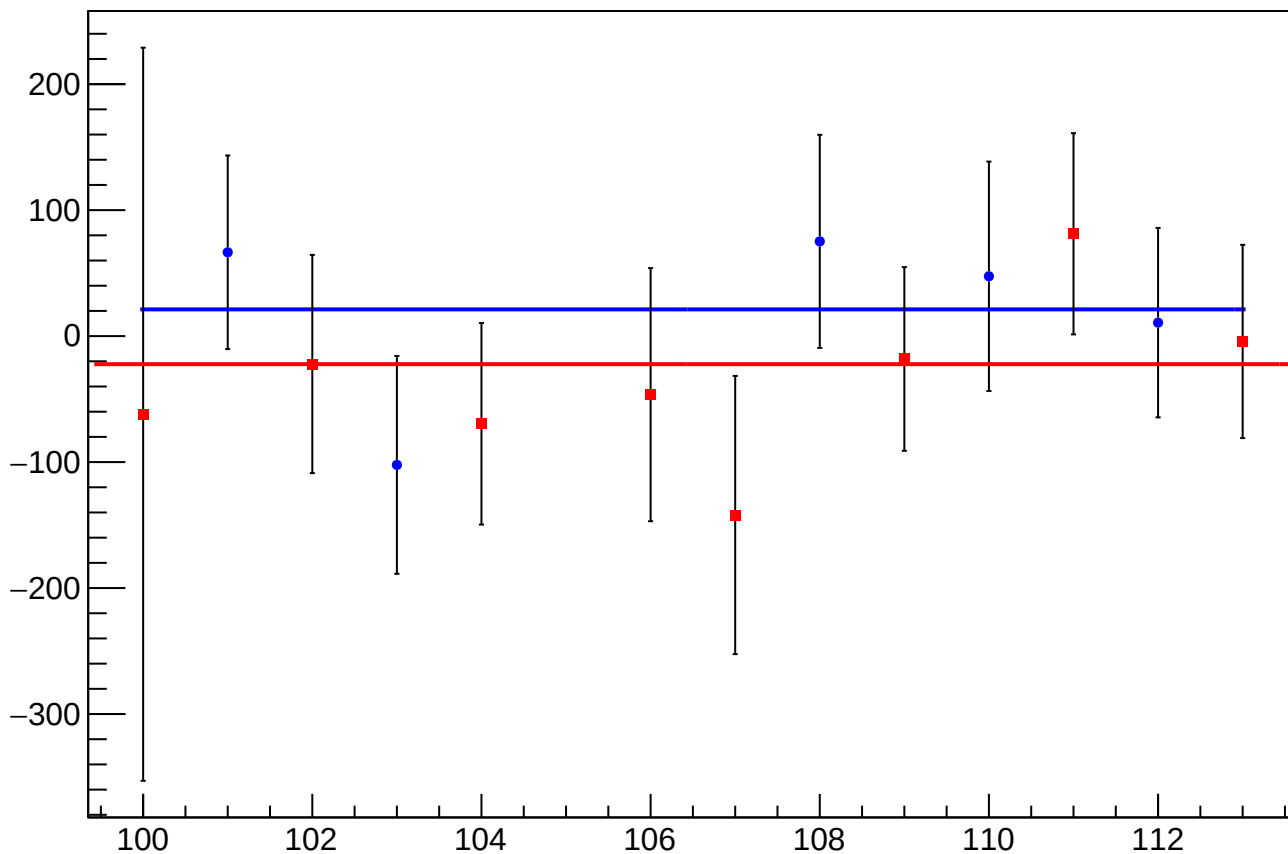
Right: 254.544+/-0.078 χ^2/NDF : 643494.1/12

In: 253.767+/-0.116 χ^2/NDF : 261027.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 254.544+/-0.078 χ^2/NDF : 643494.1/12

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: -22.263+/-31.666 χ^2/NDF : 3.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

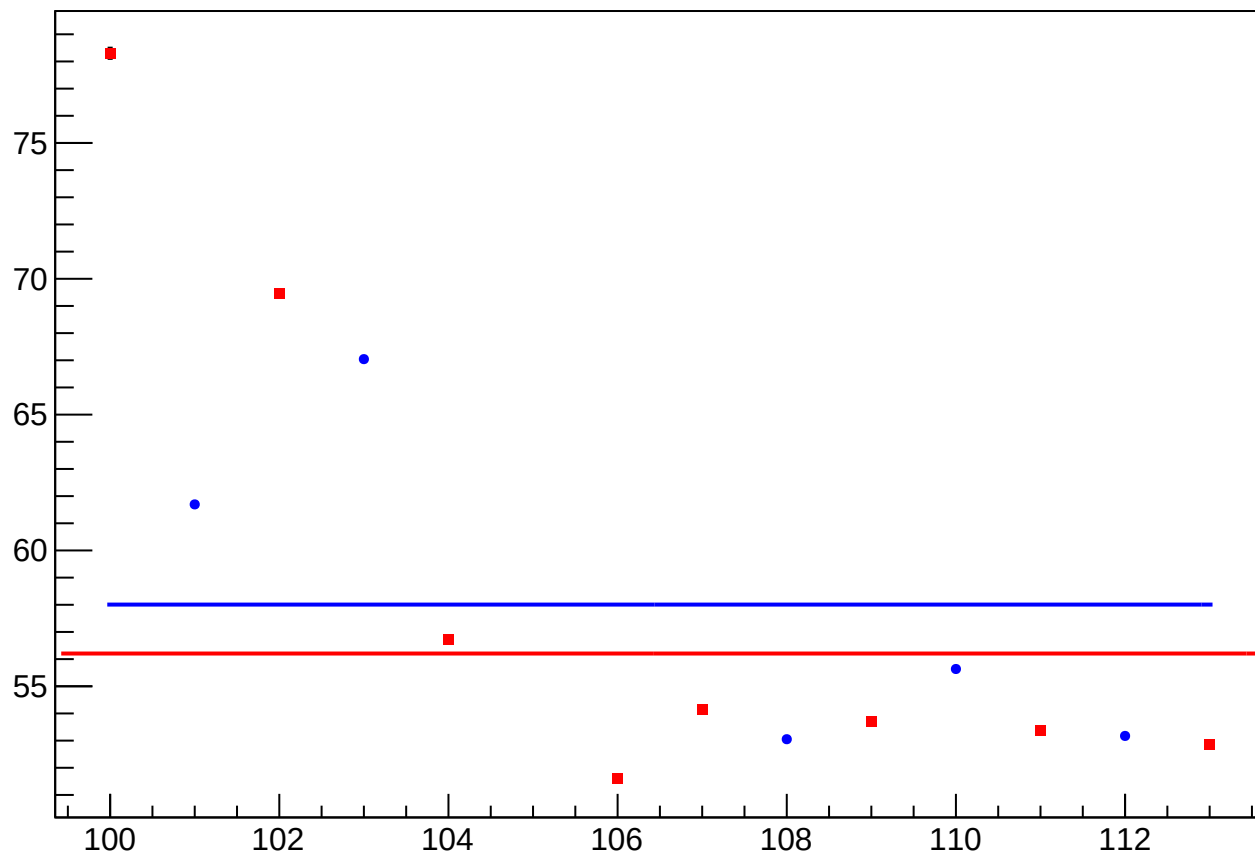
Right: -3.735+/-23.989 χ^2/NDF : 7.0/12

In: 21.221+/-36.750 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.735+/-23.989 χ^2/NDF : 7.0/12

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: 56.206+/-0.022 χ^2/NDF : 72039.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

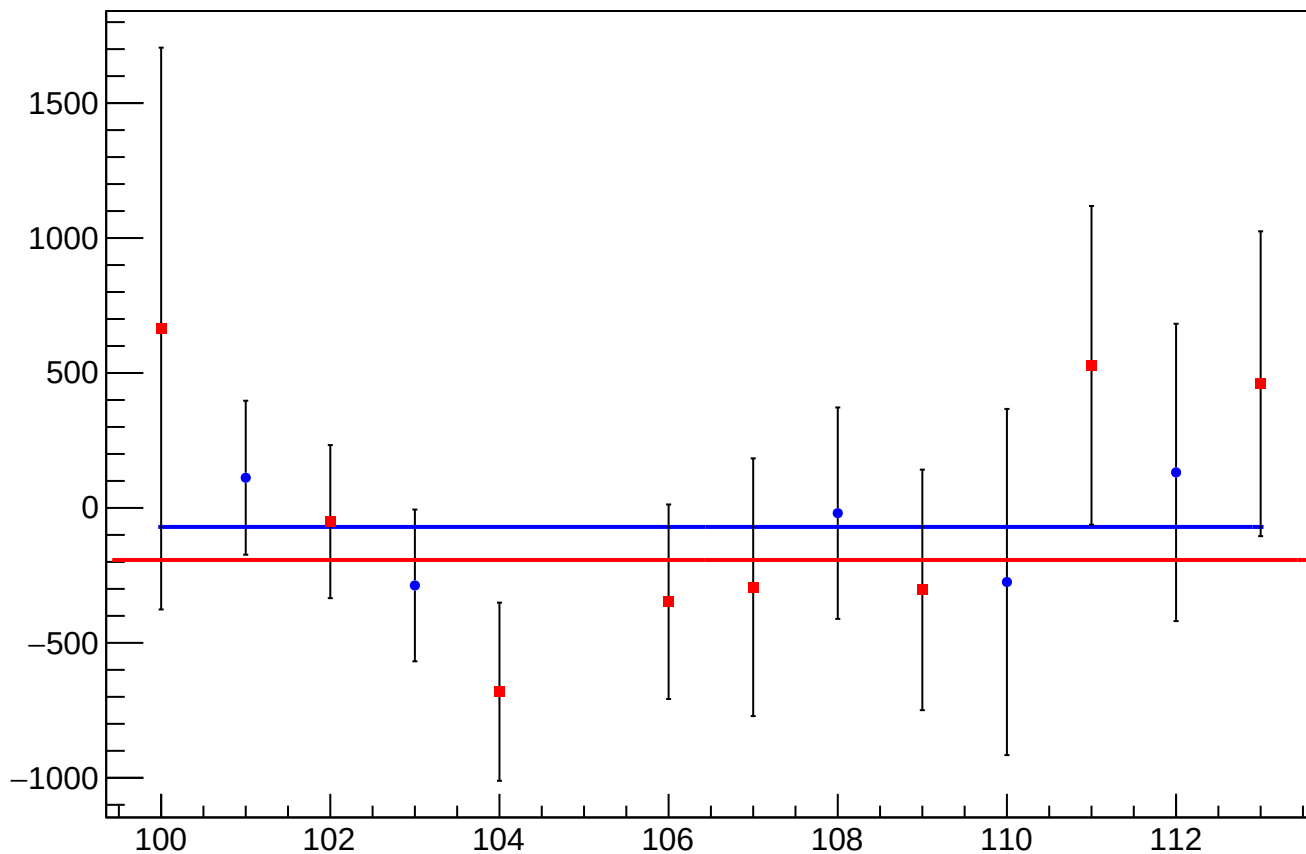
Right: 56.973+/-0.017 χ^2/NDF : 117739.4/12

In: 58.007+/-0.026 χ^2/NDF : 42942.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.973+/-0.017 χ^2/NDF : 117739.4/12

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: -192.826 ± 147.991 χ^2/NDF : 6.2/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

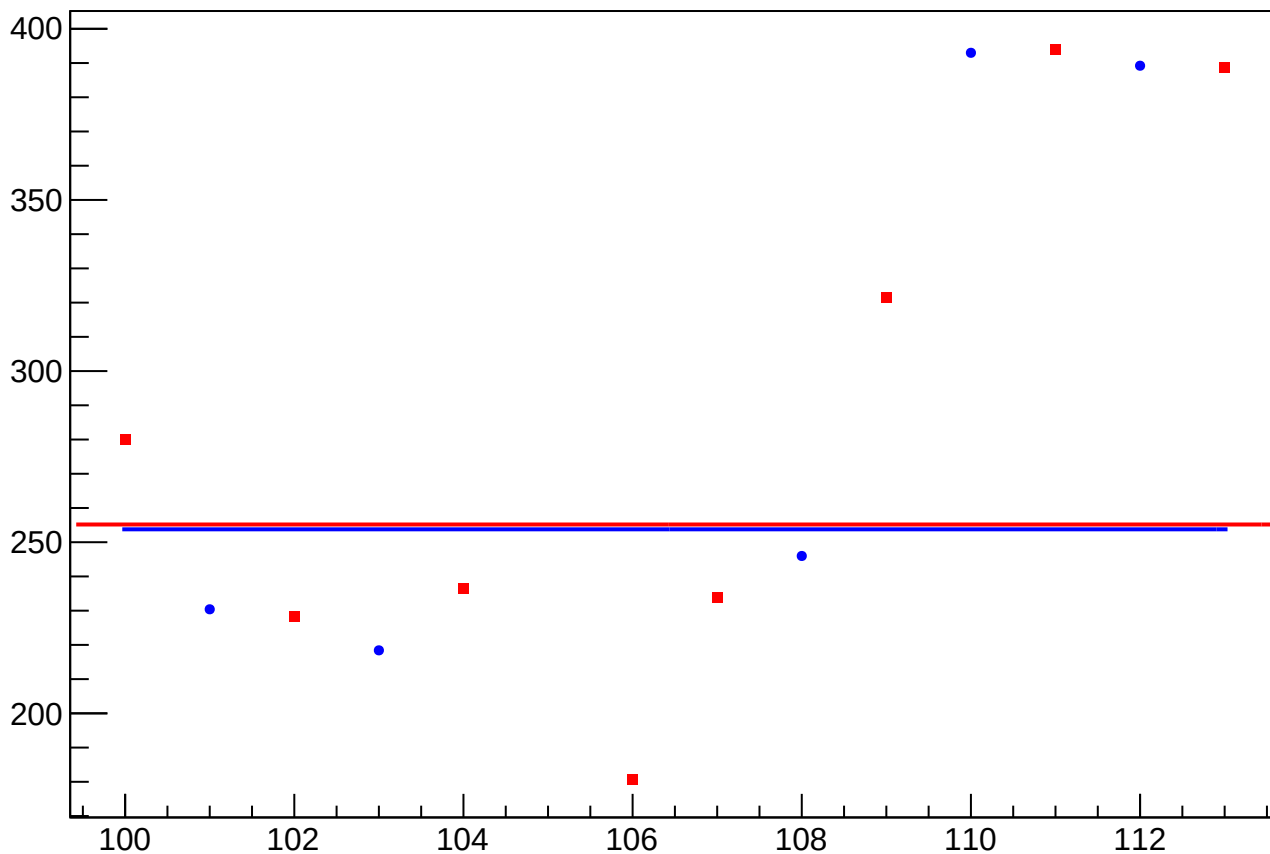
Right: -137.894 ± 109.871 χ^2/NDF : 7.8/12

In: -70.434 ± 164.001 χ^2/NDF : 1.3/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -137.894 ± 109.871 χ^2/NDF : 7.8/12

asym_sam_37_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 253.767+/-0.116 χ^2/NDF : 261027.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 255.178+/-0.105 χ^2/NDF : 382384.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

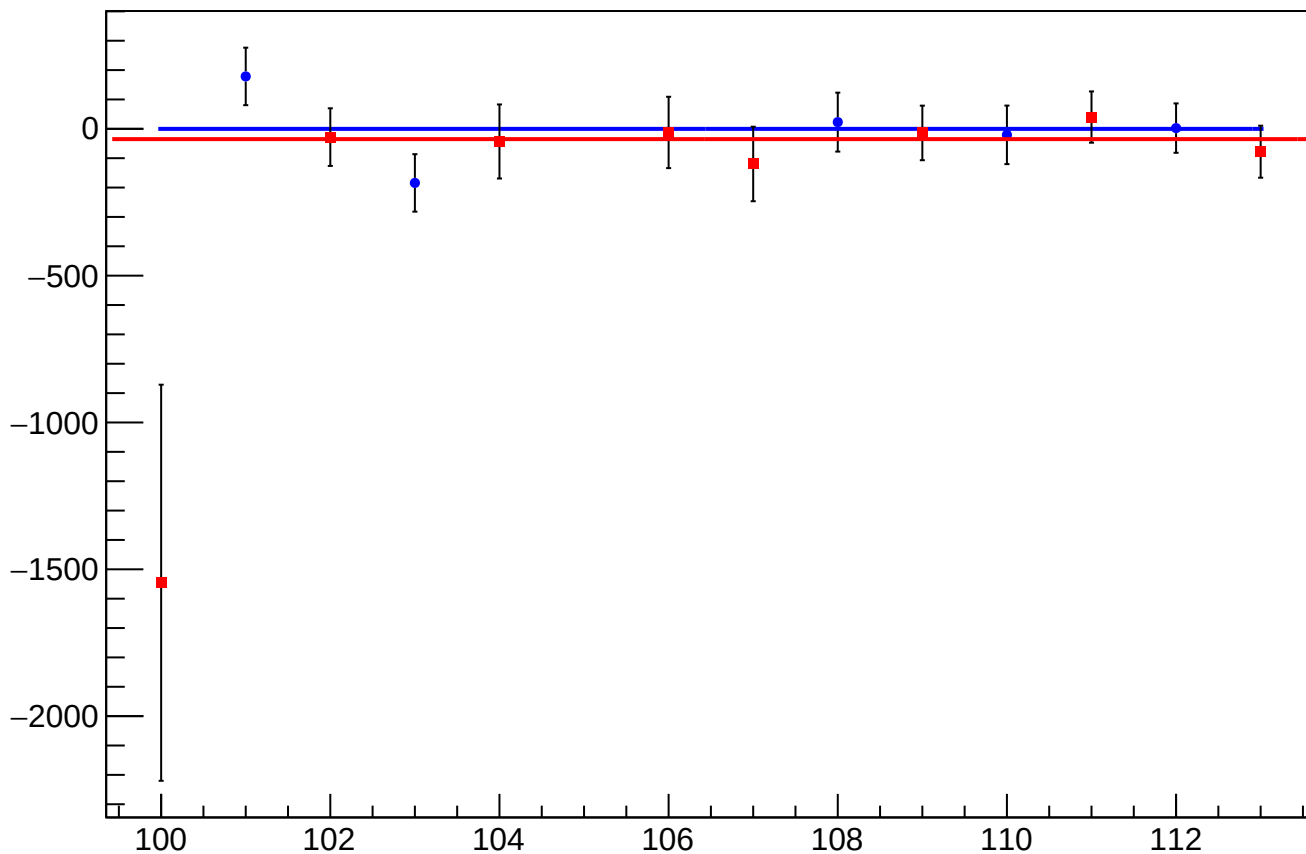
Right: 254.544+/-0.078 χ^2/NDF : 643494.1/12

In: 253.767+/-0.116 χ^2/NDF : 261027.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 254.544+/-0.078 χ^2/NDF : 643494.1/12

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: -0.144+/-42.630 χ^2/NDF : 7.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -35.057+/-38.533 χ^2/NDF : 6.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

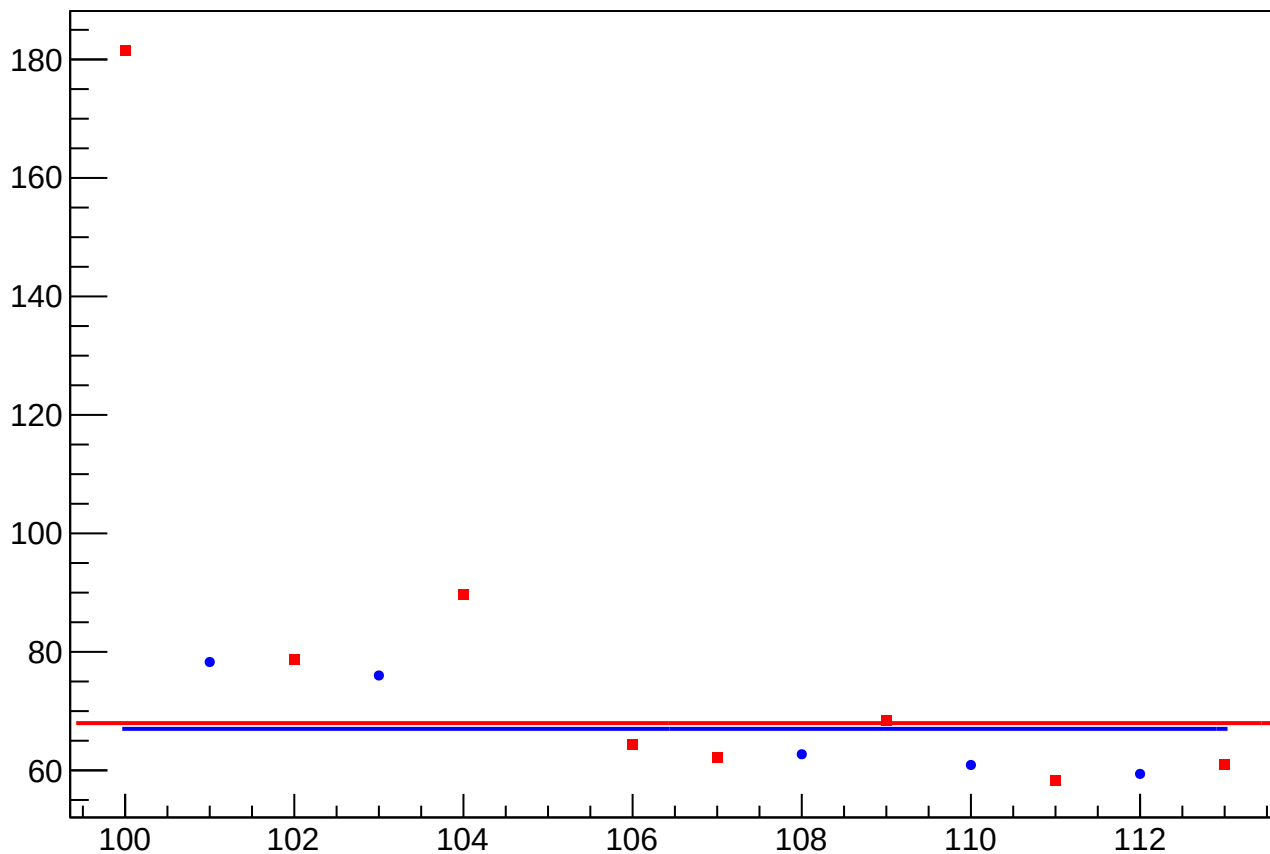
Right: -19.358+/-28.586 χ^2/NDF : 13.9/12

In: -0.144+/-42.630 χ^2/NDF : 7.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.358+/-28.586 χ^2/NDF : 13.9/12

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 67.010 $\pm$ 0.030 χ^2 /NDF: 71012.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 67.975 $\pm$ 0.027 χ^2 /NDF: 182783.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

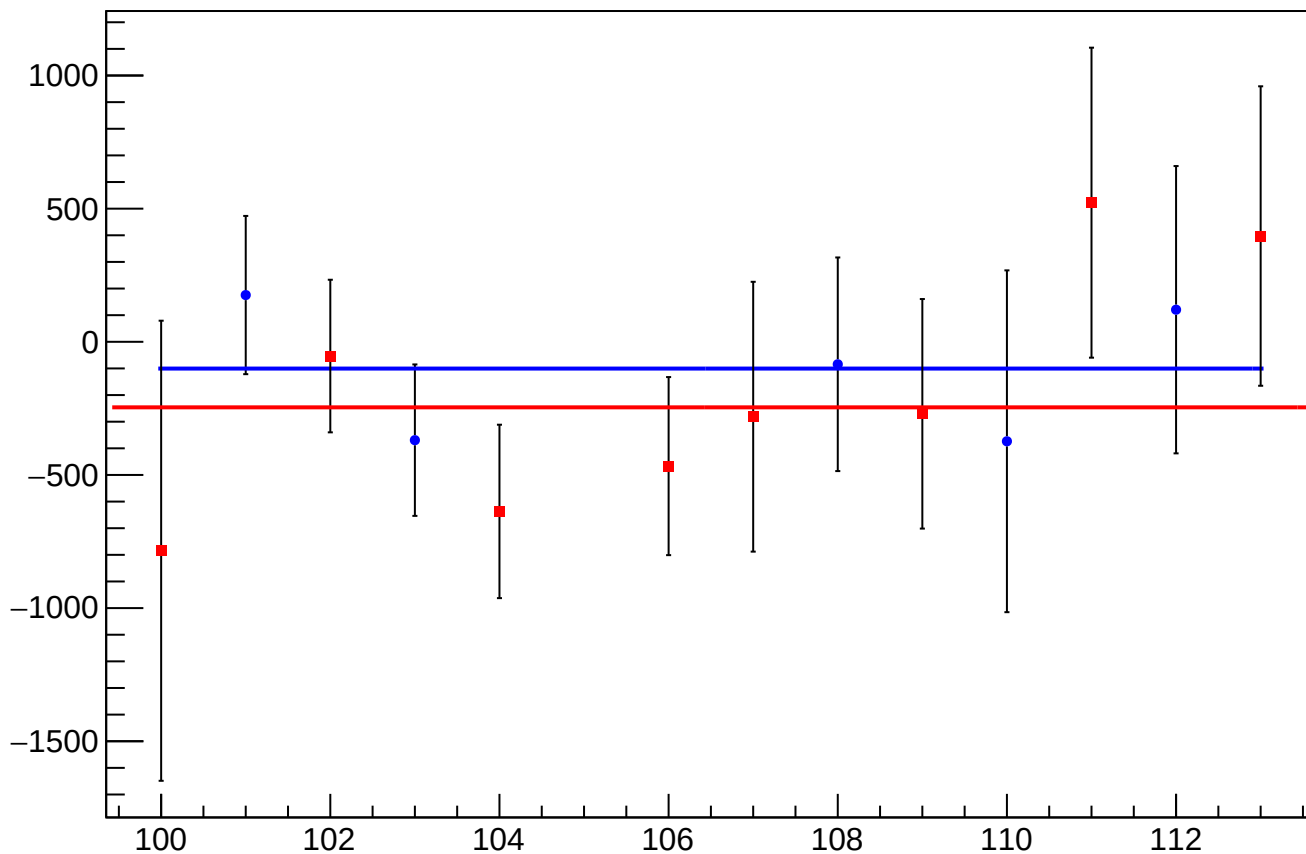
Right: 67.541 $\pm$ 0.020 χ^2 /NDF: 254360.0/12

In: 67.010 $\pm$ 0.030 χ^2 /NDF:71012.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 67.541 $\pm$ 0.020 χ^2 /NDF: 254360.0/12

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: -246.116+/-145.417 χ^2/NDF : 5.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

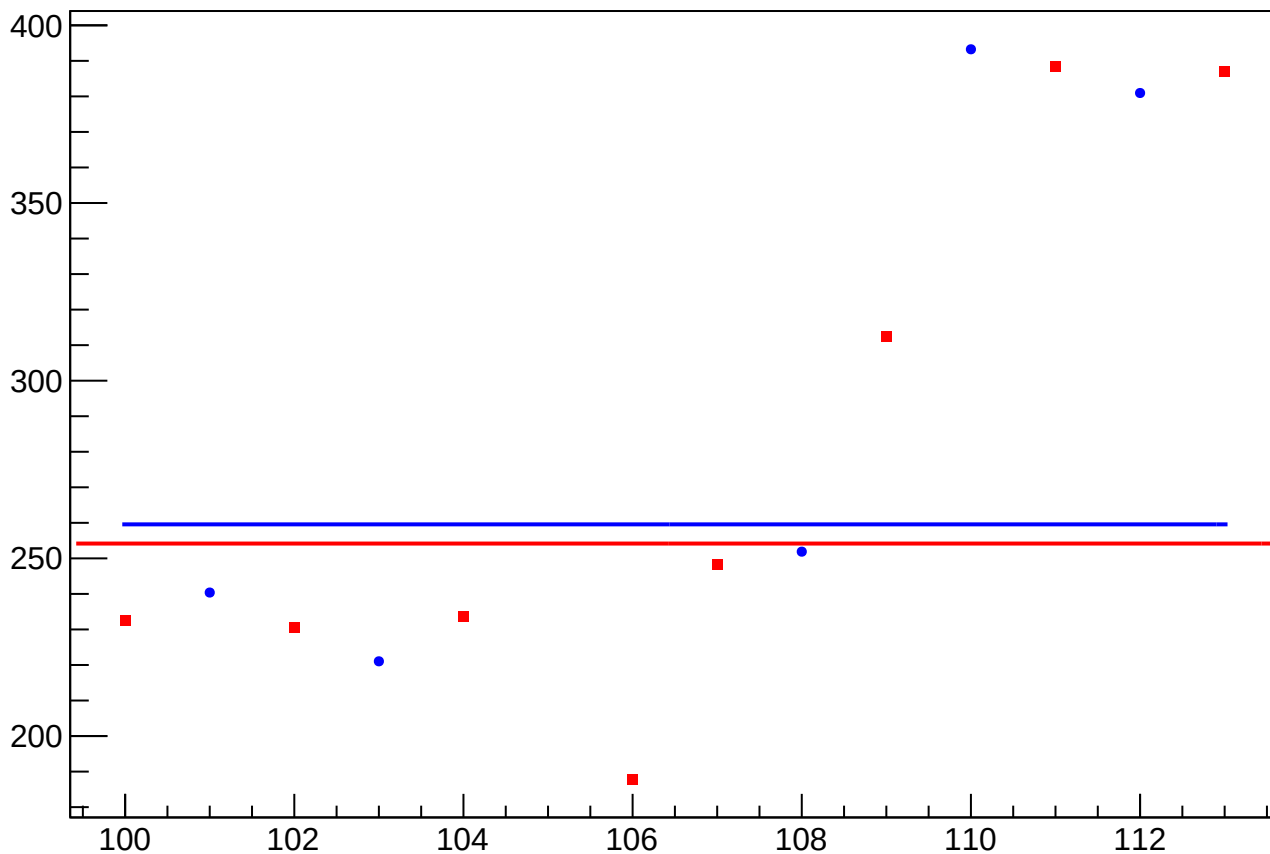
Right: -183.401+/-109.721 χ^2/NDF : 8.3/12

In: -100.499+/-167.190 χ^2/NDF : 2.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -183.401+/-109.721 χ^2/NDF : 8.3/12

asym_sam_37_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 259.572+/-0.118 χ^2/NDF : 233847.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 254.171+/-0.103 χ^2/NDF : 356879.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

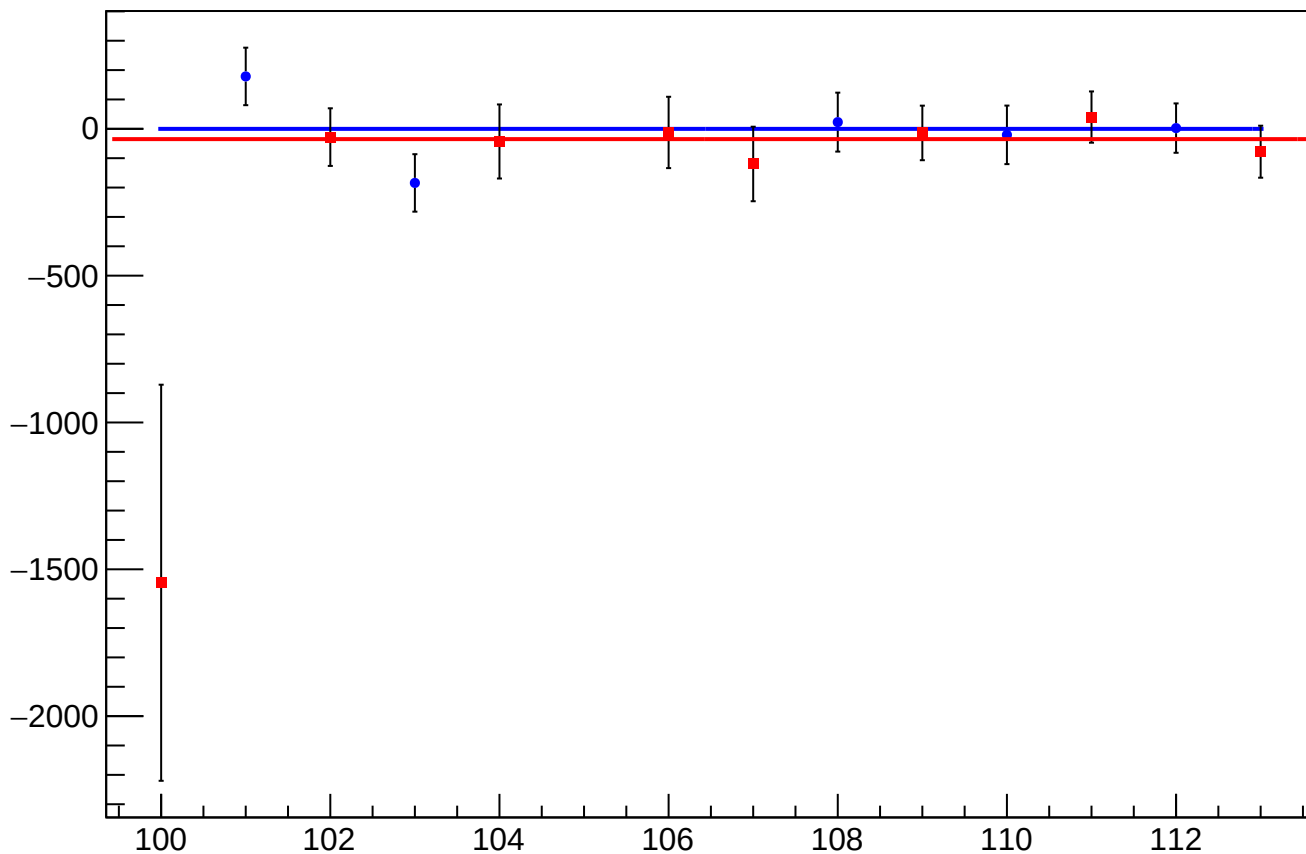
Right: 256.497+/-0.078 χ^2/NDF : 591915.4/12

In: 259.572+/-0.118 χ^2/NDF : 233847.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 256.497+/-0.078 χ^2/NDF : 591915.4/12

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: -35.057+/-38.533 χ^2/NDF : 6.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

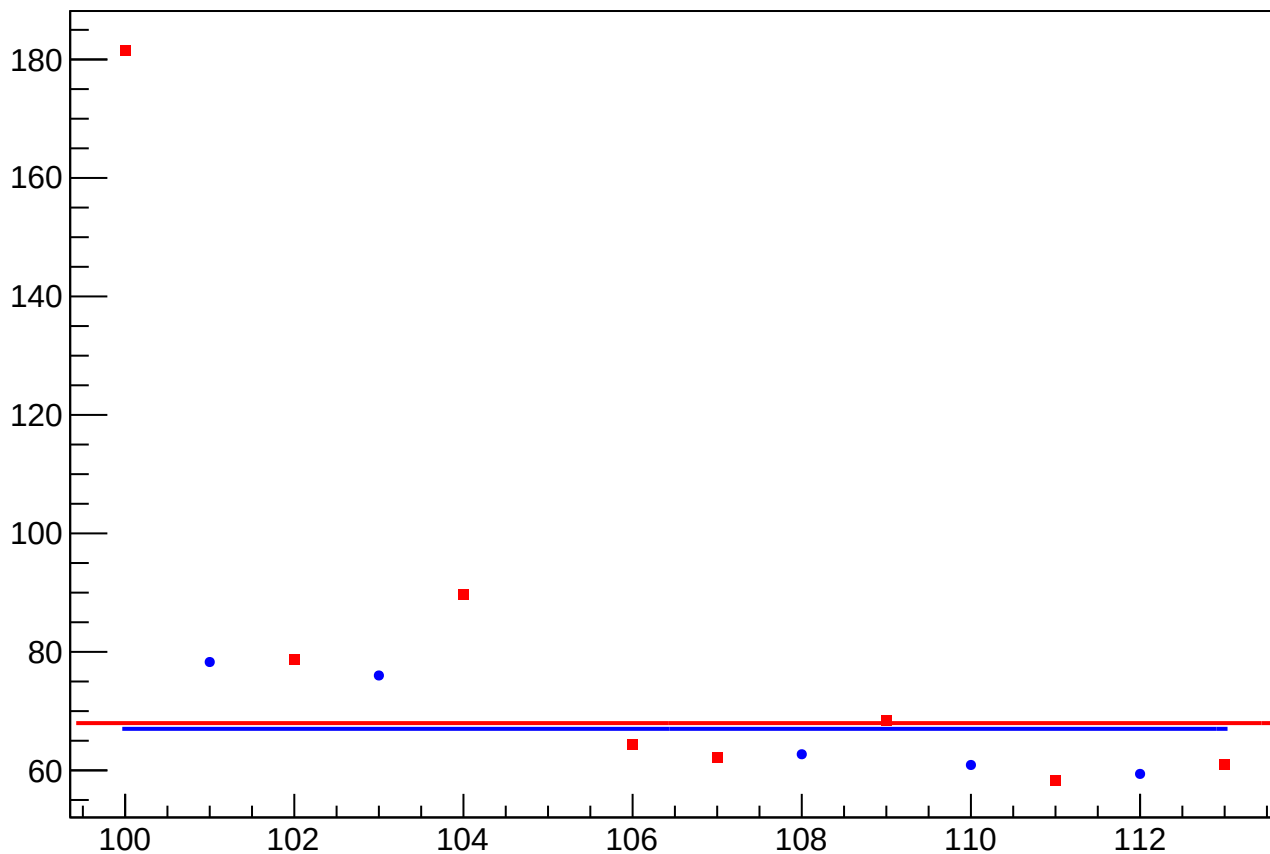
Right: -19.358+/-28.586 χ^2/NDF : 13.9/12

In: -0.143+/-42.630 χ^2/NDF : 7.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.358+/-28.586 χ^2/NDF : 13.9/12

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: 67.975+/-0.027 χ^2/NDF : 182788.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

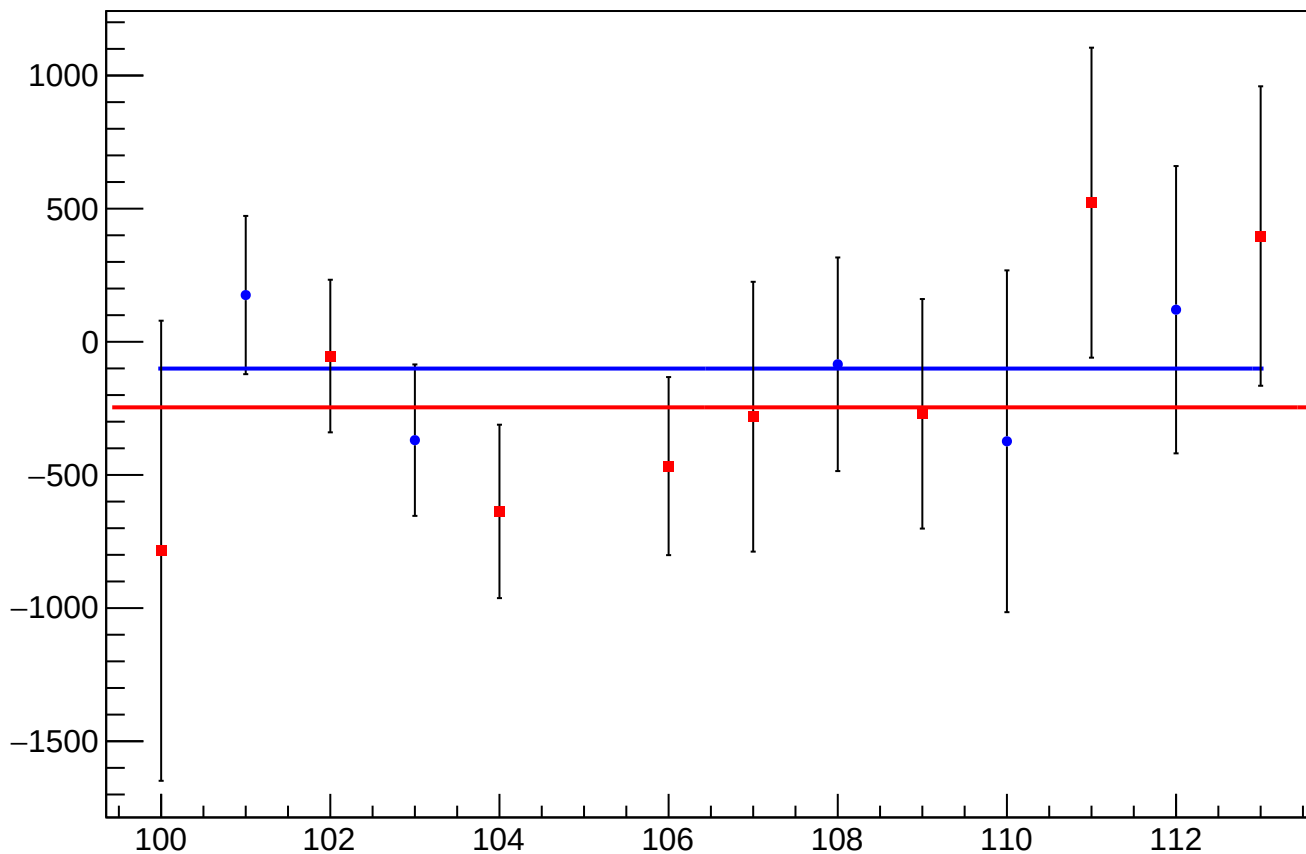
Right: 67.541+/-0.020 χ^2/NDF : 254367.3/12

In: 67.010+/-0.030 χ^2/NDF : 71014.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.541+/-0.020 χ^2/NDF : 254367.3/12

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: -246.116+/-145.417 χ^2/NDF : 5.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

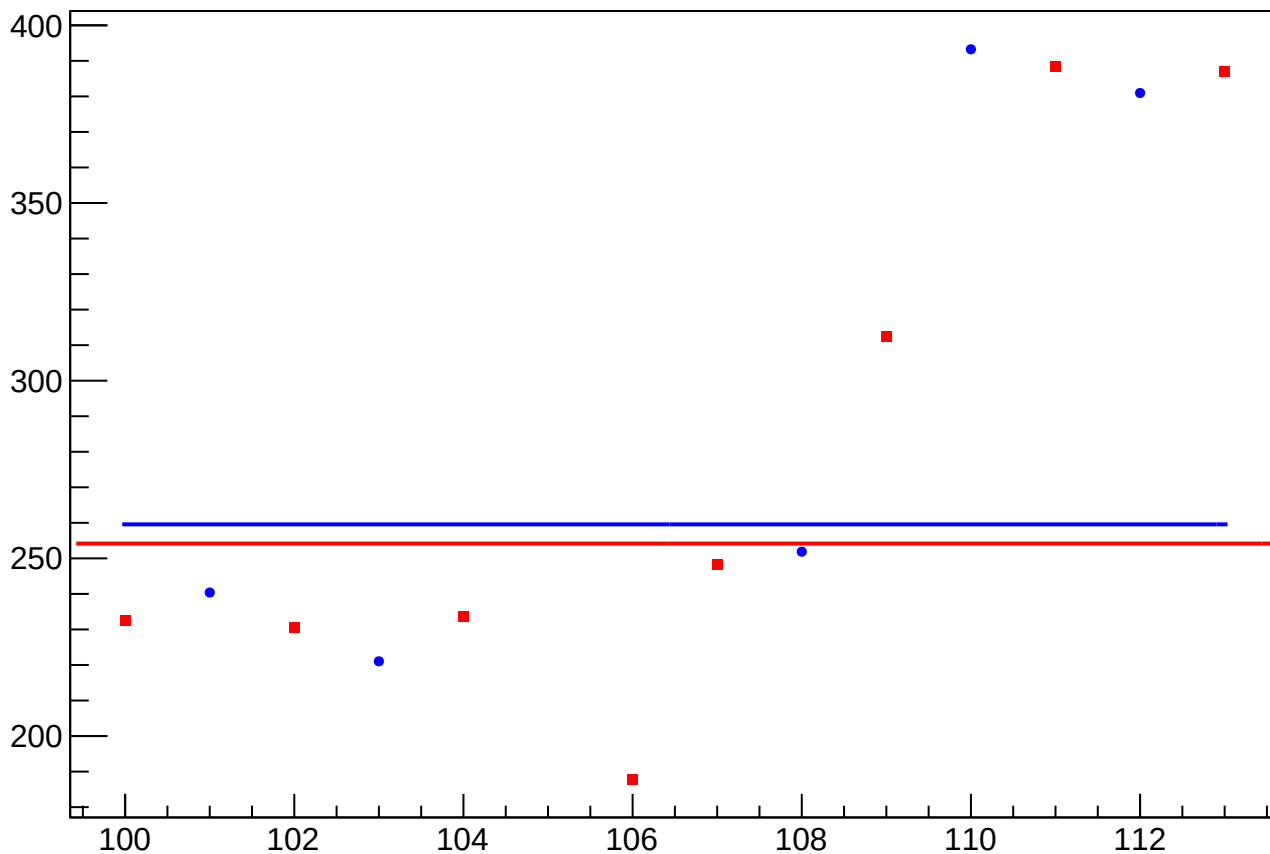
Right: -183.401+/-109.721 χ^2/NDF : 8.3/12

In: -100.500+/-167.190 χ^2/NDF : 2.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -183.401+/-109.721 χ^2/NDF : 8.3/12

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: 254.171 $\pm$ 0.103 χ^2 /NDF: 356876.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

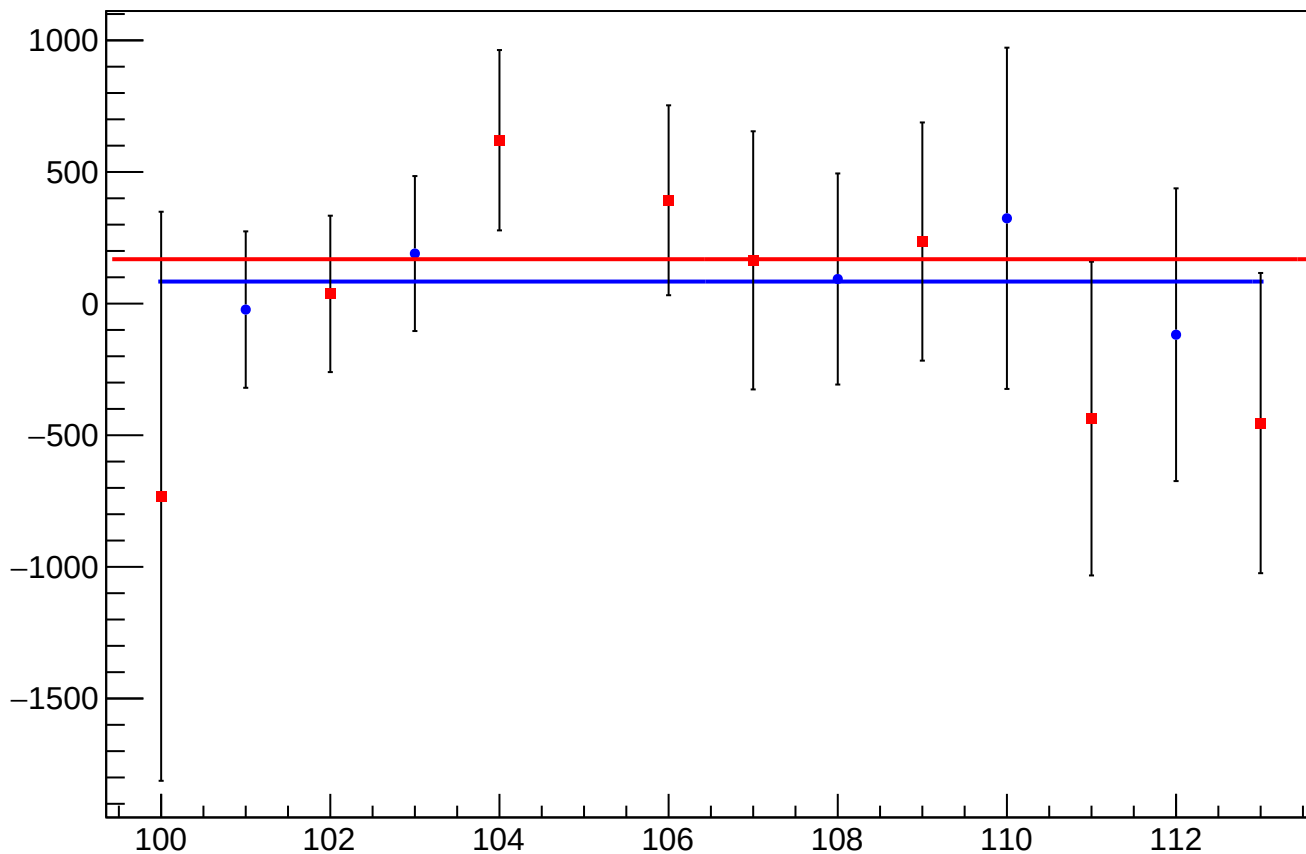
Right: 256.497 $\pm$ 0.078 χ^2 /NDF: 591911.0/12

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: 256.497 $\pm$ 0.078 χ^2 /NDF: 591911.0/12

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: 168.674 $\pm$ 151.907 χ^2 /NDF: 5.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

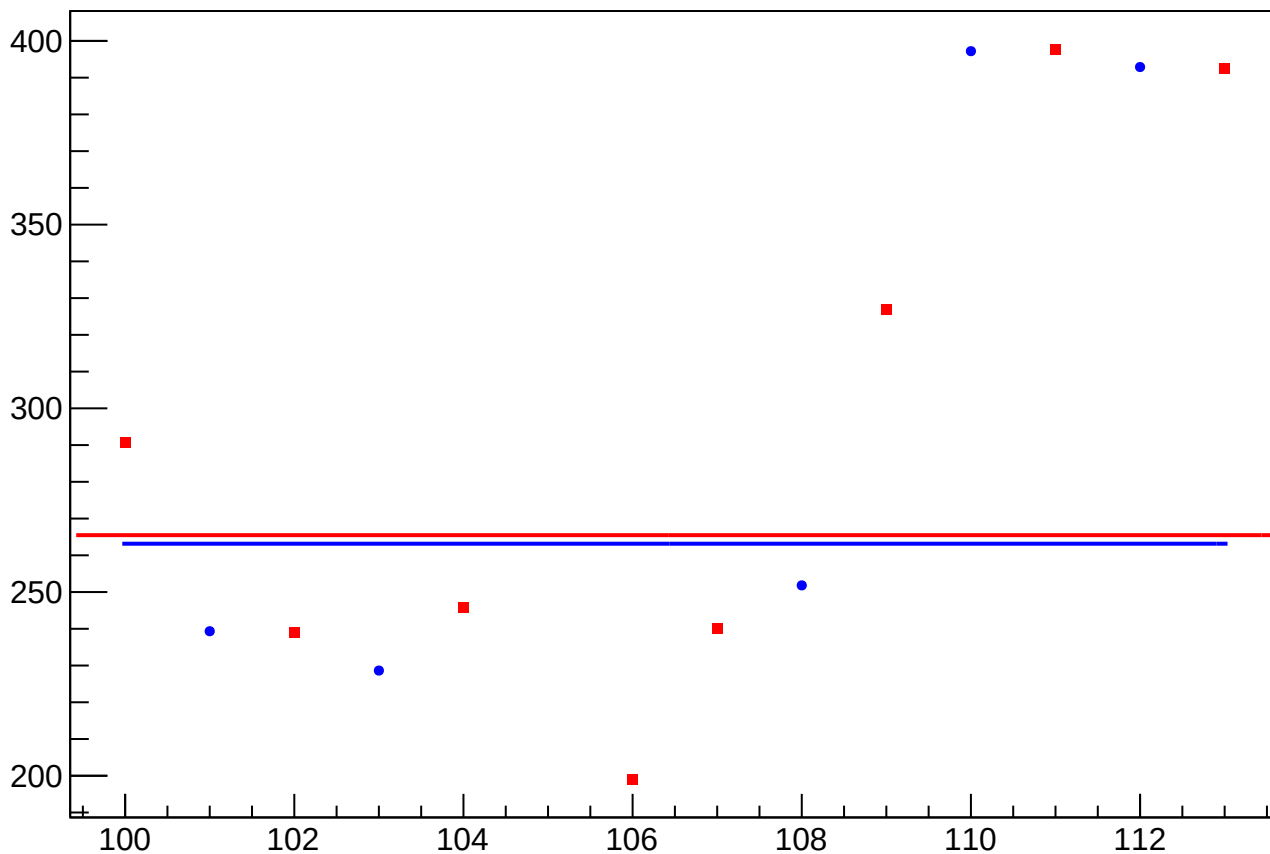
Right: 130.933 $\pm$ 113.196 χ^2 /NDF: 5.9/12

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: 130.933 $\pm$ 113.196 χ^2 /NDF: 5.9/12

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: 265.483+/-0.107 χ^2/NDF : 331738.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

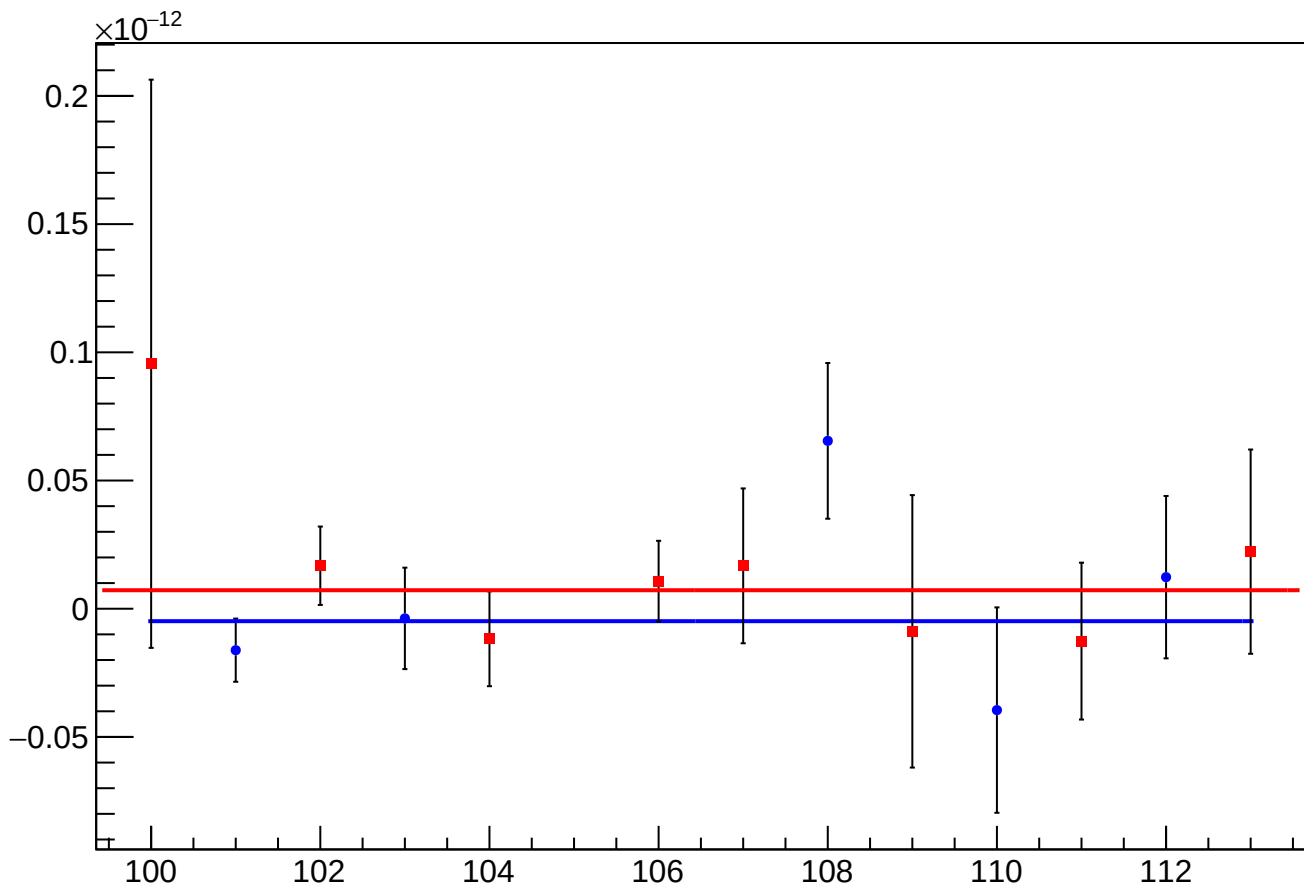
Right: 264.447+/-0.080 χ^2/NDF : 568379.1/12

In: 263.154+/-0.120 χ^2/NDF : 236431.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 264.447+/-0.080 χ^2/NDF : 568379.1/12

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 : 2.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

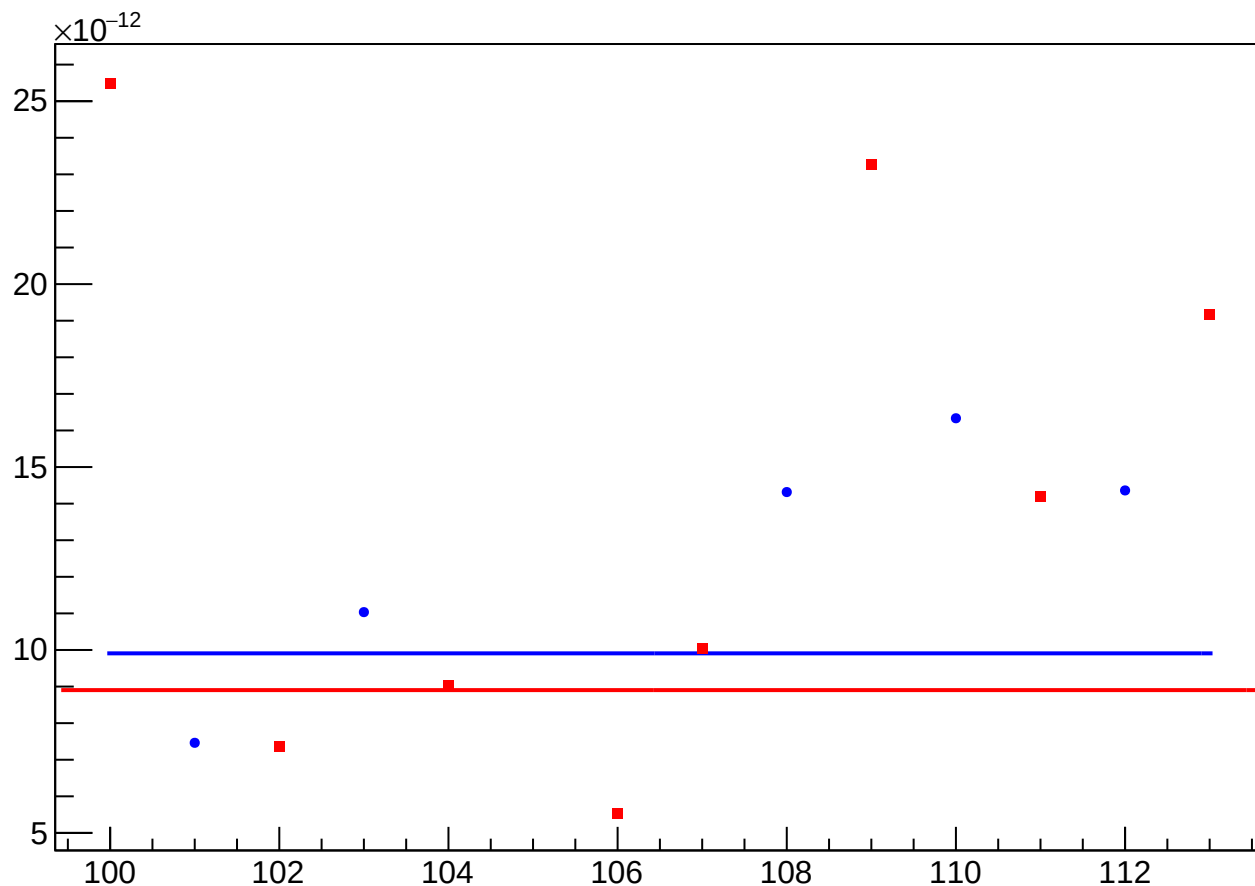
Right: 0.000+/-0.000 χ^2/NDF : 11.1/12

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 : 11.1/12

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 : 498416.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

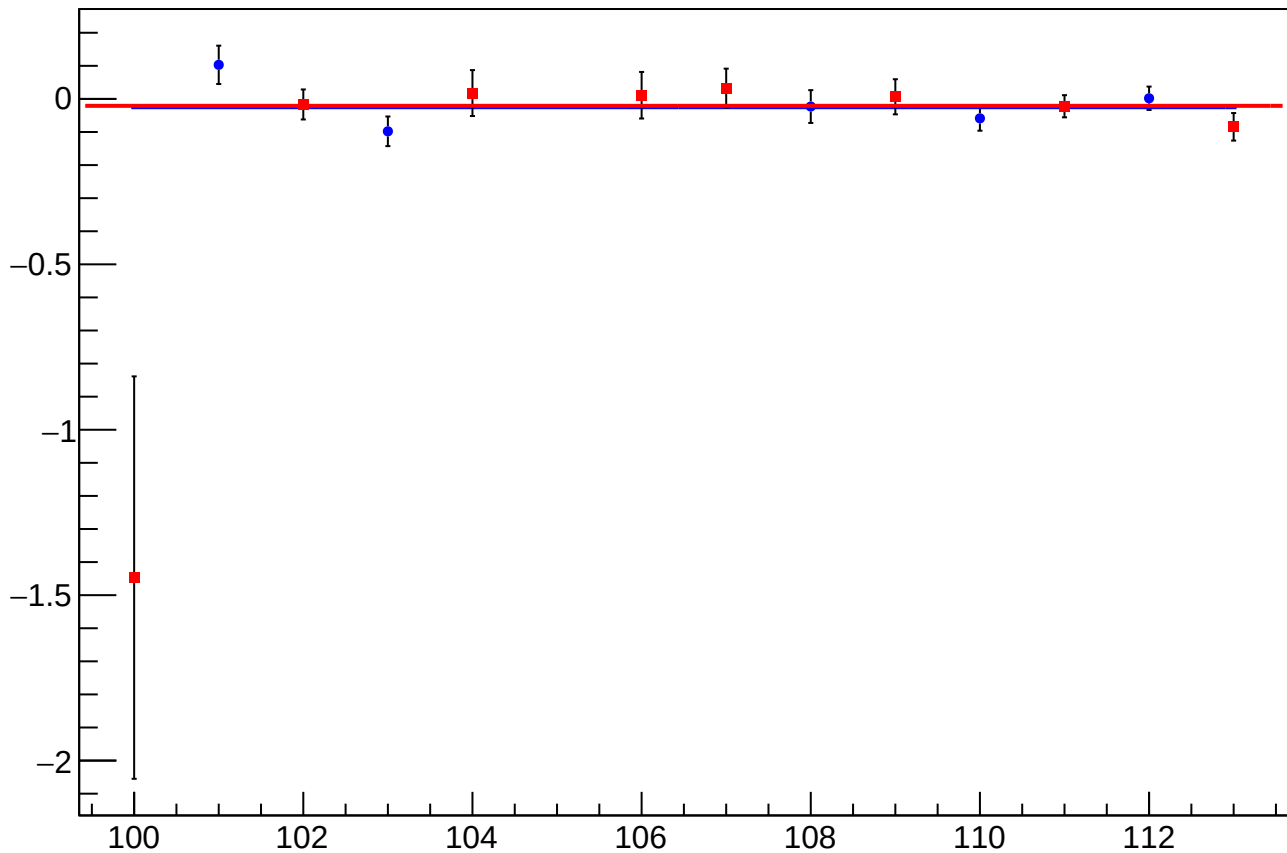
Right: 0.000+/-0.000 χ^2/NDF : 729984.8/12

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 : 729984.8/12

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: -0.021 ± 0.018 χ^2/NDF : 9.4/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

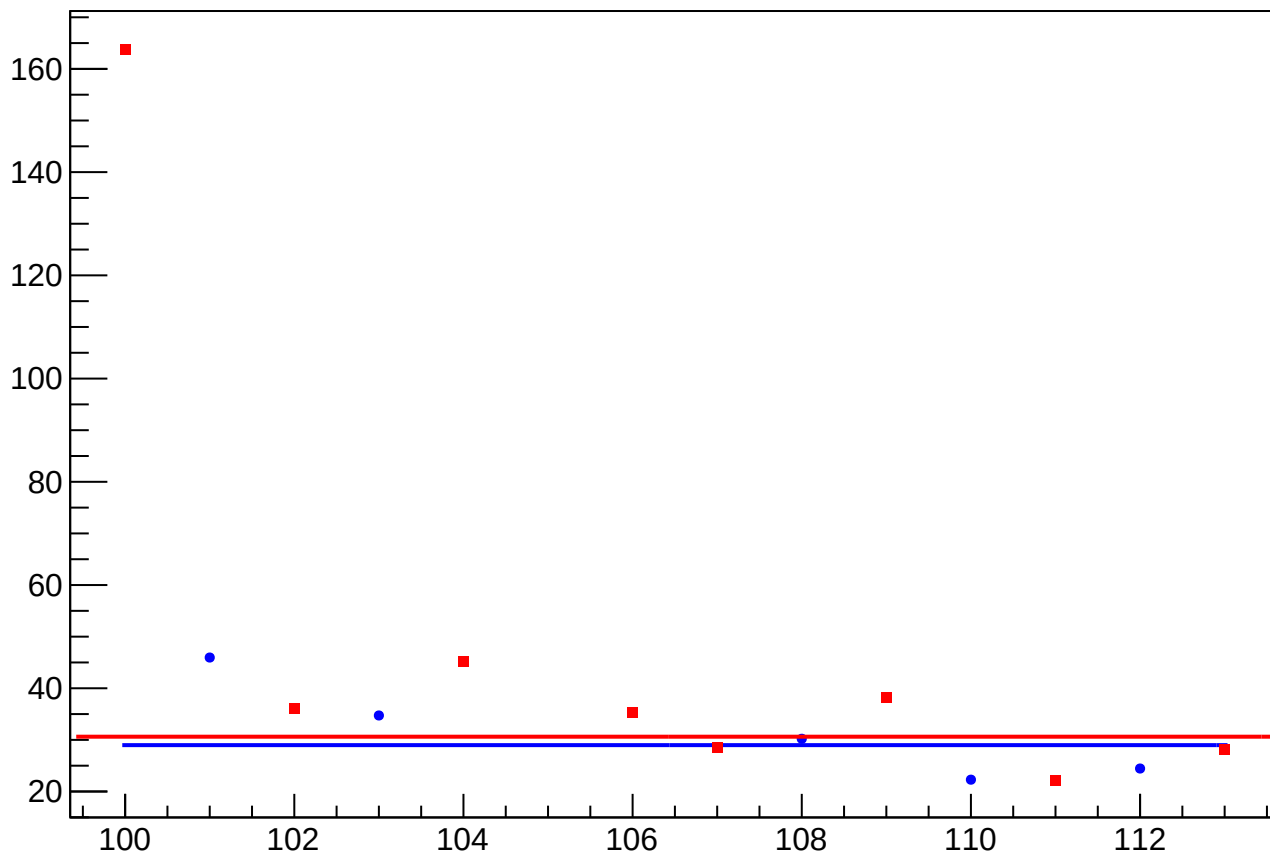
Right: -0.023 ± 0.013 χ^2/NDF : 18.4/12

In: -0.025 ± 0.019 χ^2/NDF : 8.9/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.023 ± 0.013 χ^2/NDF : 18.4/12

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: 30.618+/-0.013 χ^2/NDF : 401518.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

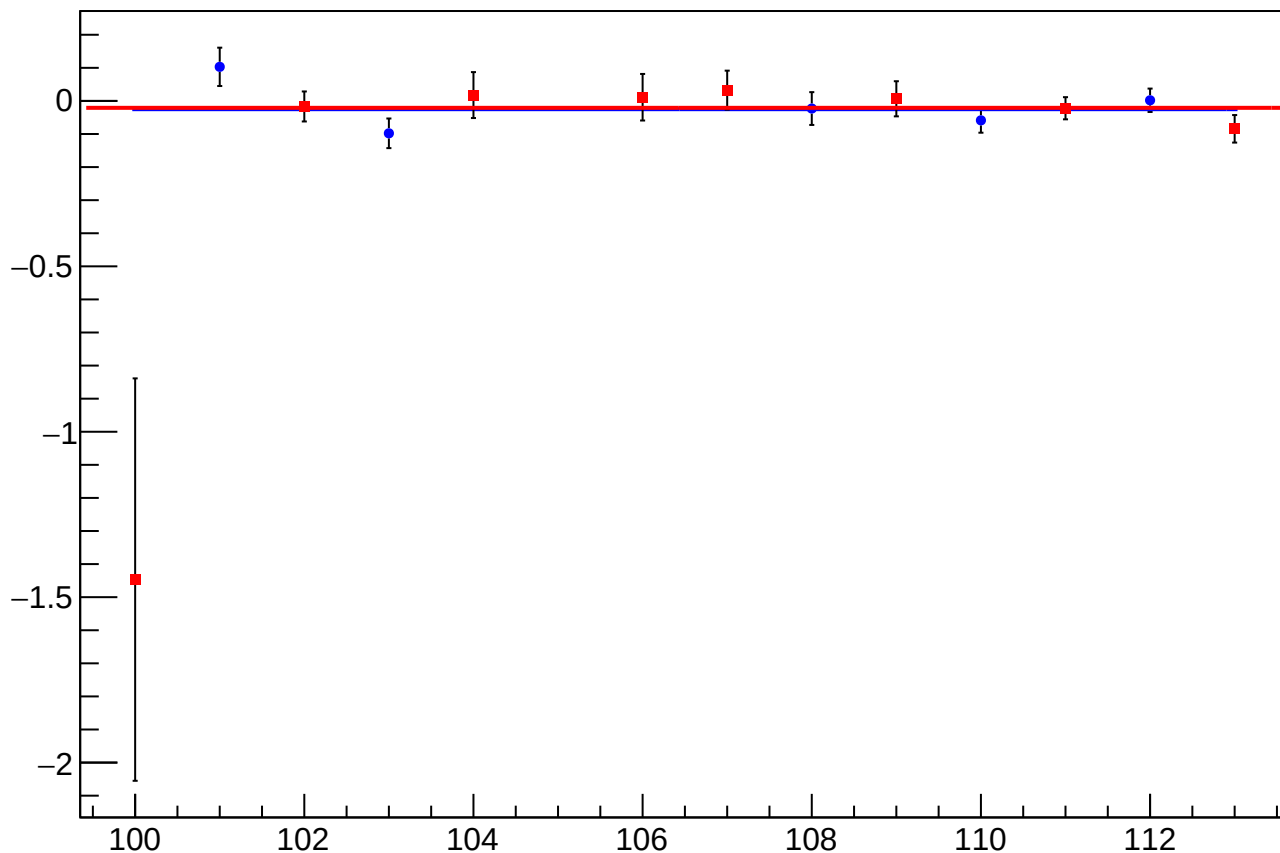
Right: 29.842+/-0.009 χ^2/NDF : 711899.6/12

In: 28.983+/-0.014 χ^2/NDF : 302736.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.842+/-0.009 χ^2/NDF : 711899.6/12

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025 $\pm$ 0.019 χ^2 /NDF: 8.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.021 $\pm$ 0.018 χ^2 /NDF: 9.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

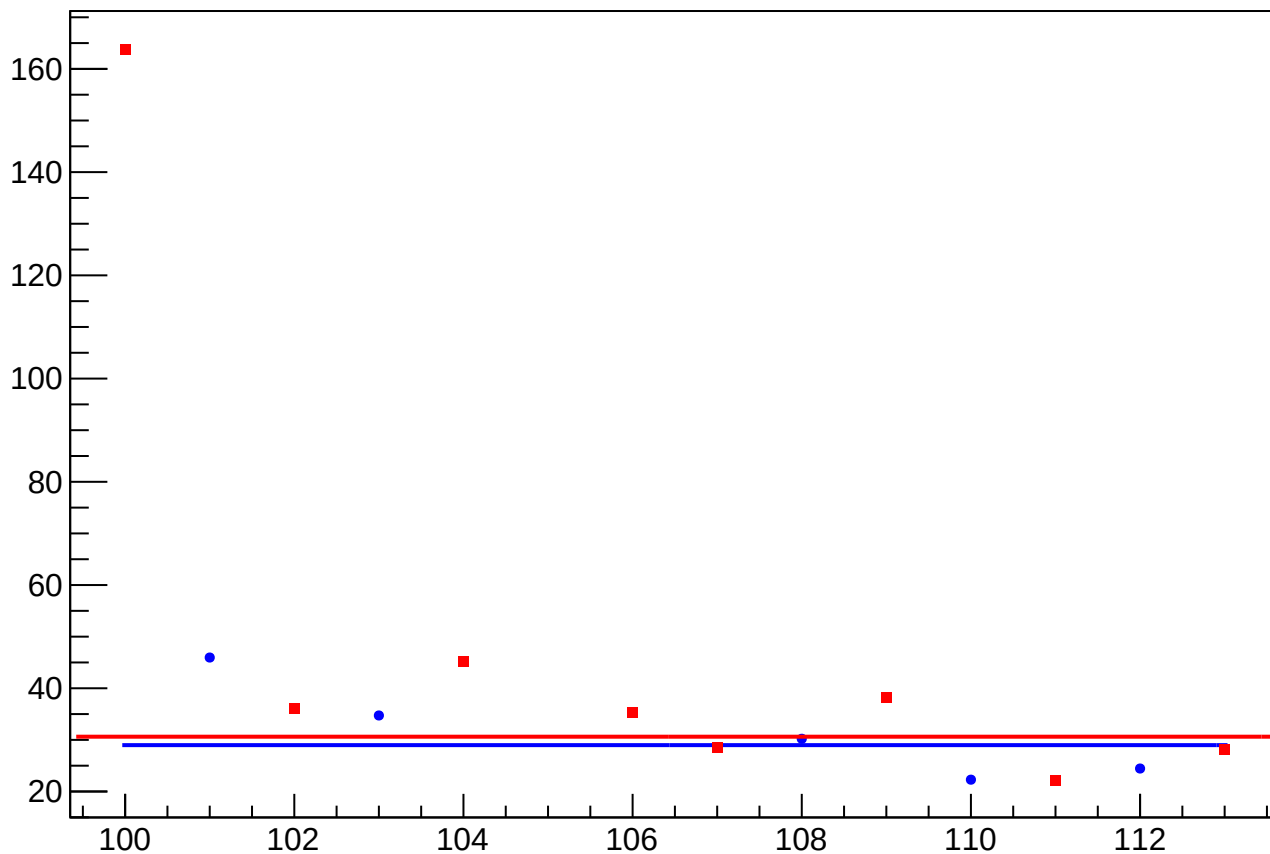
Right: -0.023 $\pm$ 0.013 χ^2 /NDF: 18.4/12

In: -0.025 $\pm$ 0.019 χ^2 /NDF:8.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.023 $\pm$ 0.013 χ^2 /NDF: 18.4/12

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: 30.618+/-0.013 χ^2/NDF : 401518.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

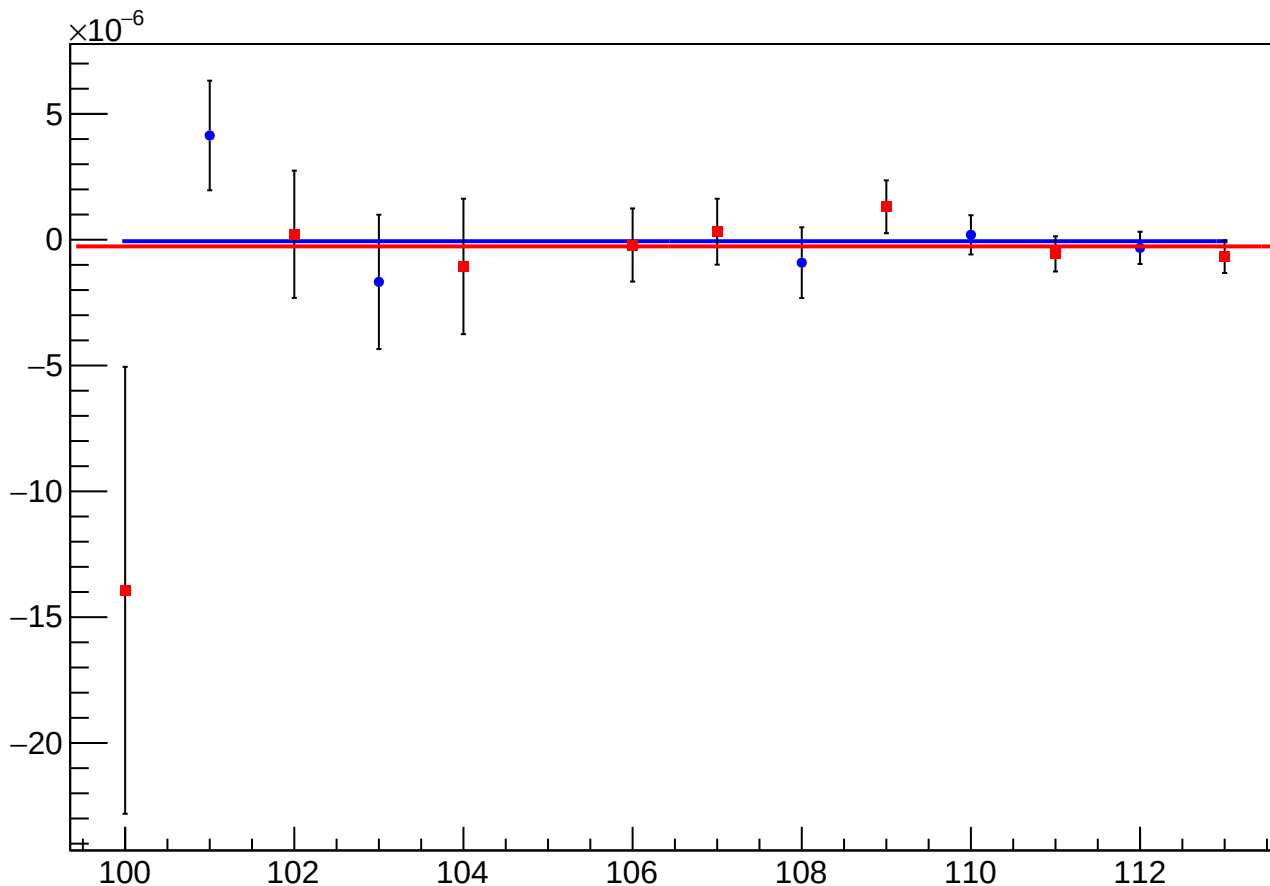
Right: 29.842+/-0.009 χ^2/NDF : 711899.6/12

In: 28.983+/-0.014 χ^2/NDF : 302736.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.842+/-0.009 χ^2/NDF : 711899.6/12

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 : 5.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

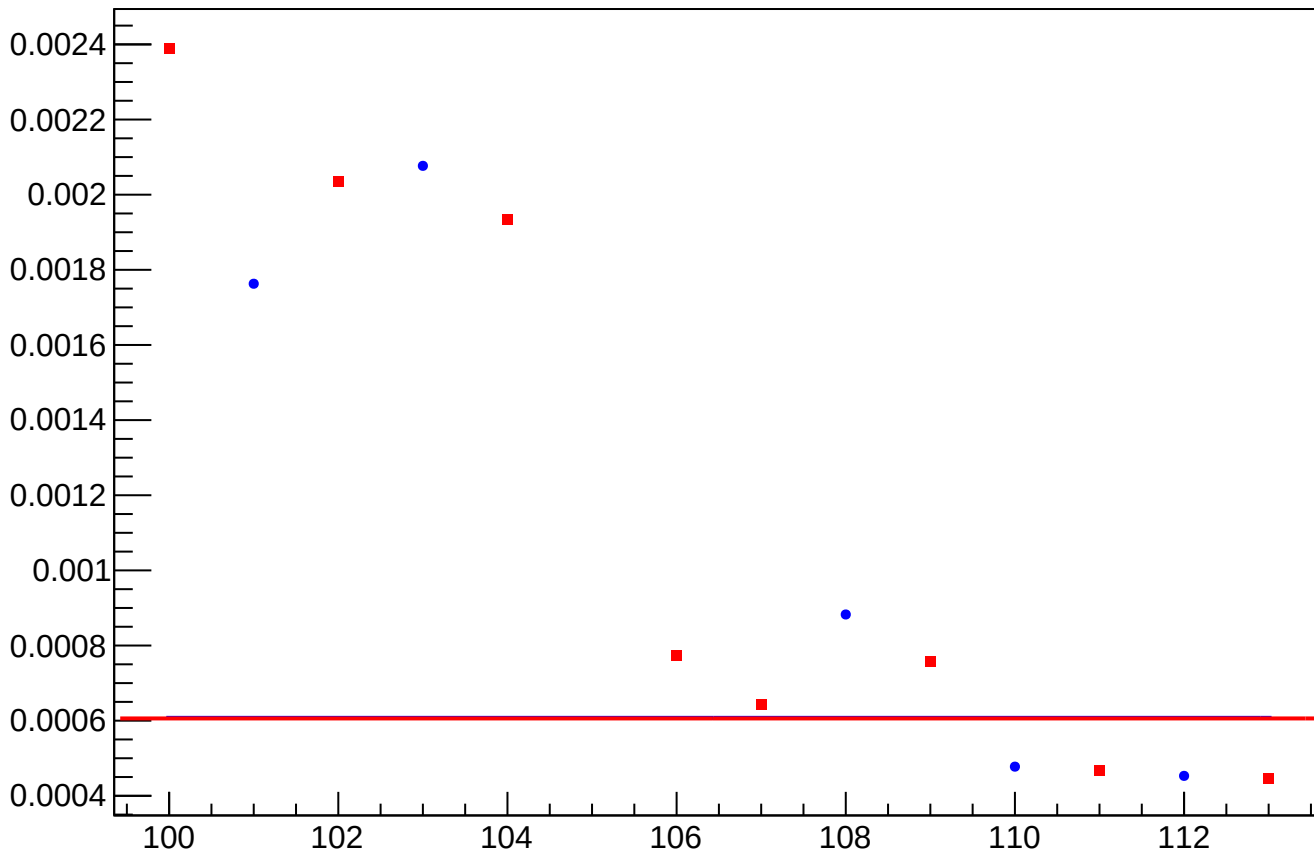
Right: -0.000+/-0.000 χ^2/NDF : 10.4/12

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 : 10.4/12

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 : 1478304.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

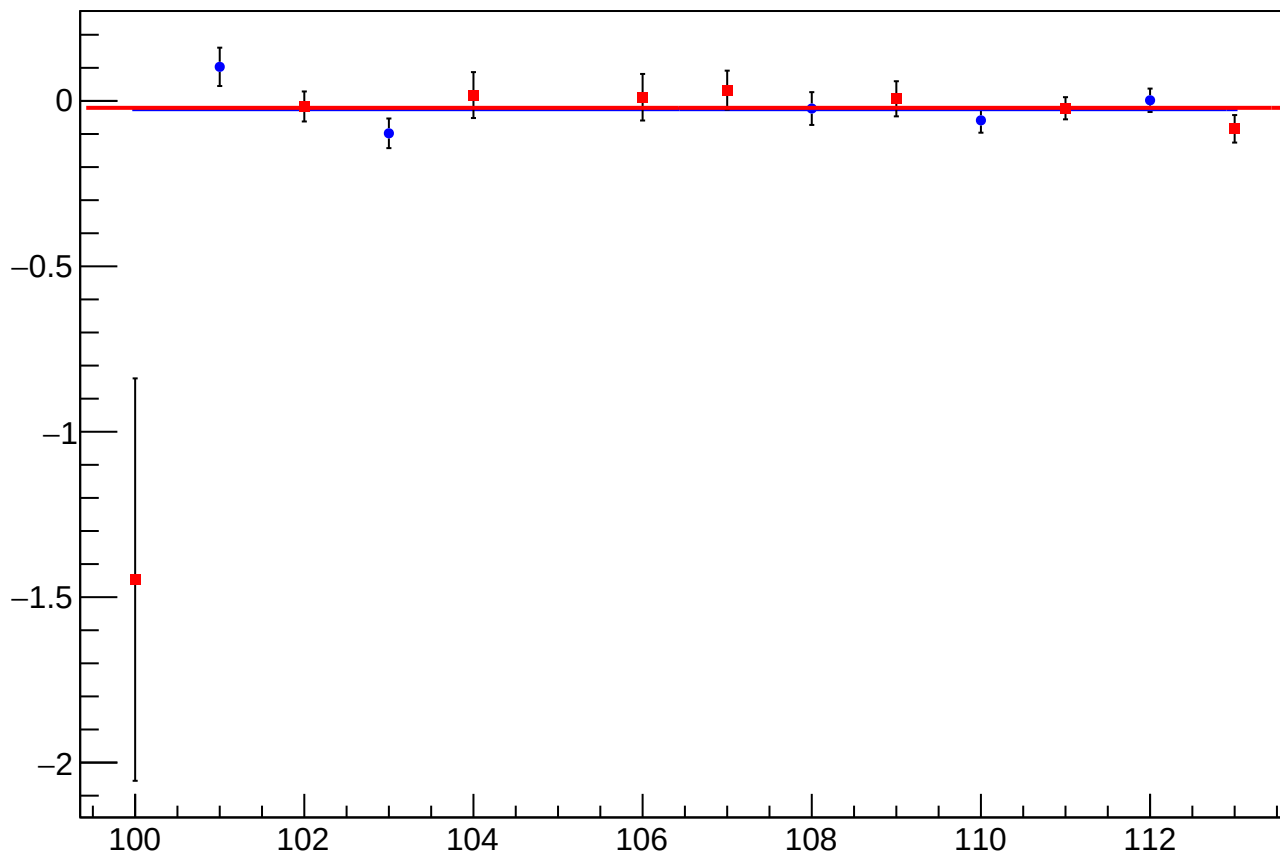
Right: 0.001+/-0.000 χ^2/NDF : 2895321.4/12

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 : 2895321.4/12

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025 $\pm$ 0.019 χ^2 /NDF: 8.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.021 $\pm$ 0.018 χ^2 /NDF: 9.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

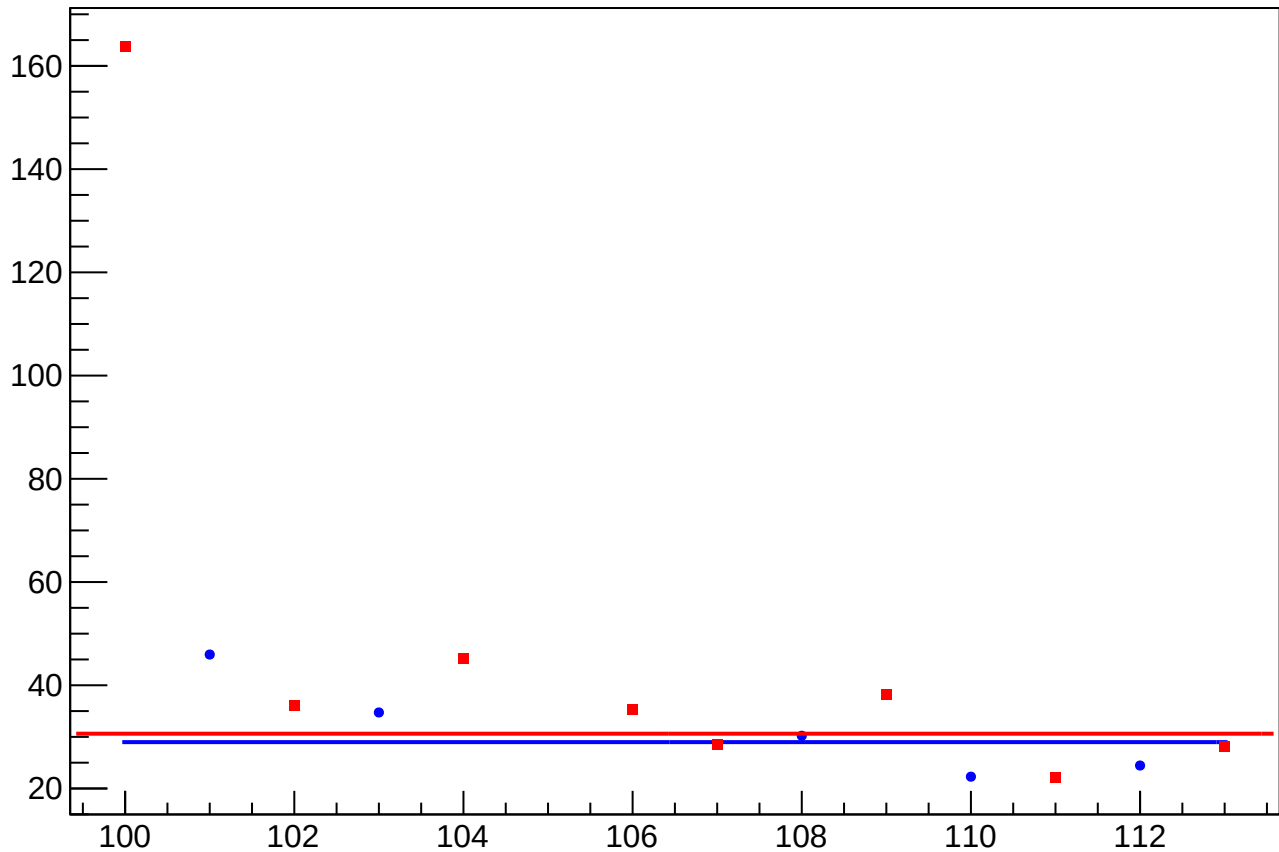
Right: -0.023 $\pm$ 0.013 χ^2 /NDF: 18.4/12

In: -0.025 $\pm$ 0.019 χ^2 /NDF:8.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.023 $\pm$ 0.013 χ^2 /NDF: 18.4/12

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: 30.618+/-0.013 χ^2/NDF : 401530.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

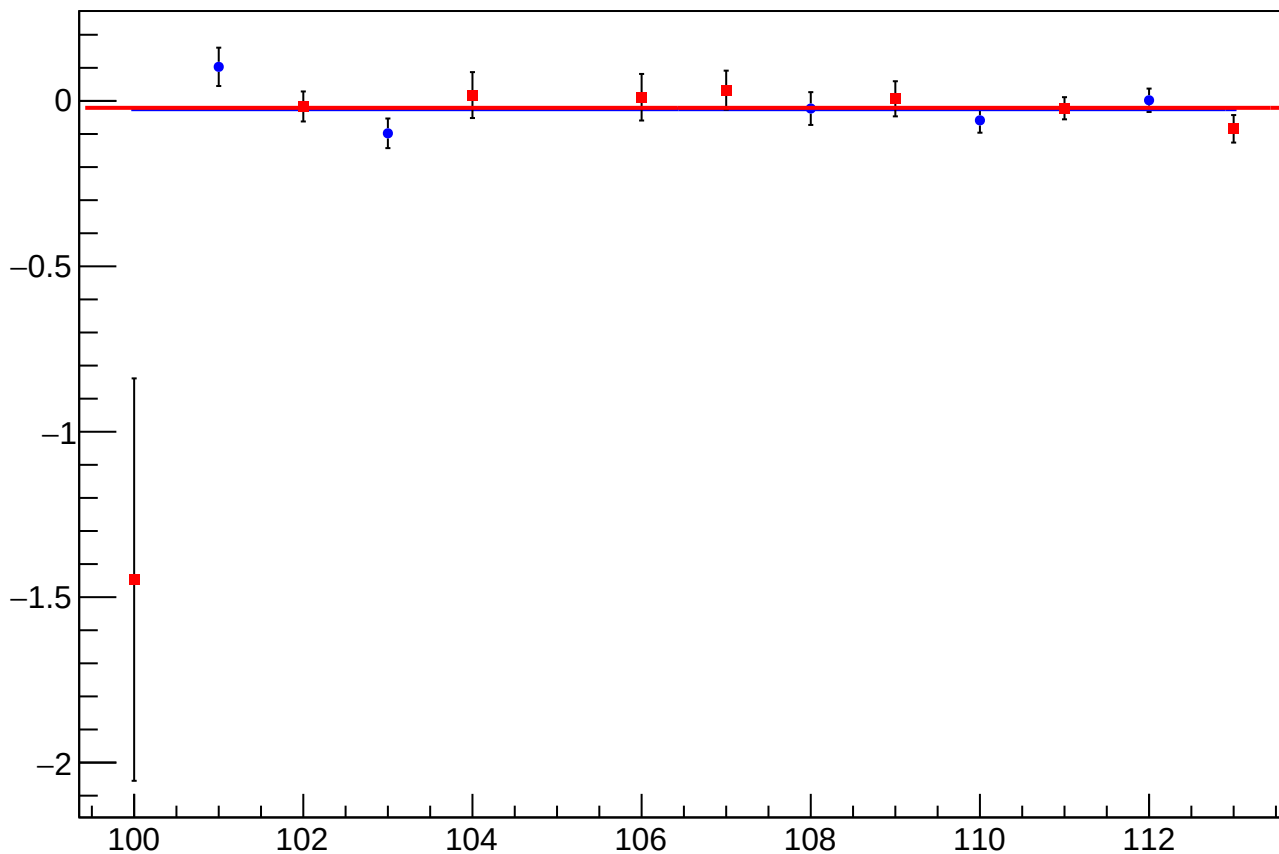
Right: 29.842+/-0.009 χ^2/NDF : 711927.0/12

In: 28.983+/-0.014 χ^2/NDF : 302751.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.842+/-0.009 χ^2/NDF : 711927.0/12

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: -0.021+/-0.018 χ^2/NDF : 9.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

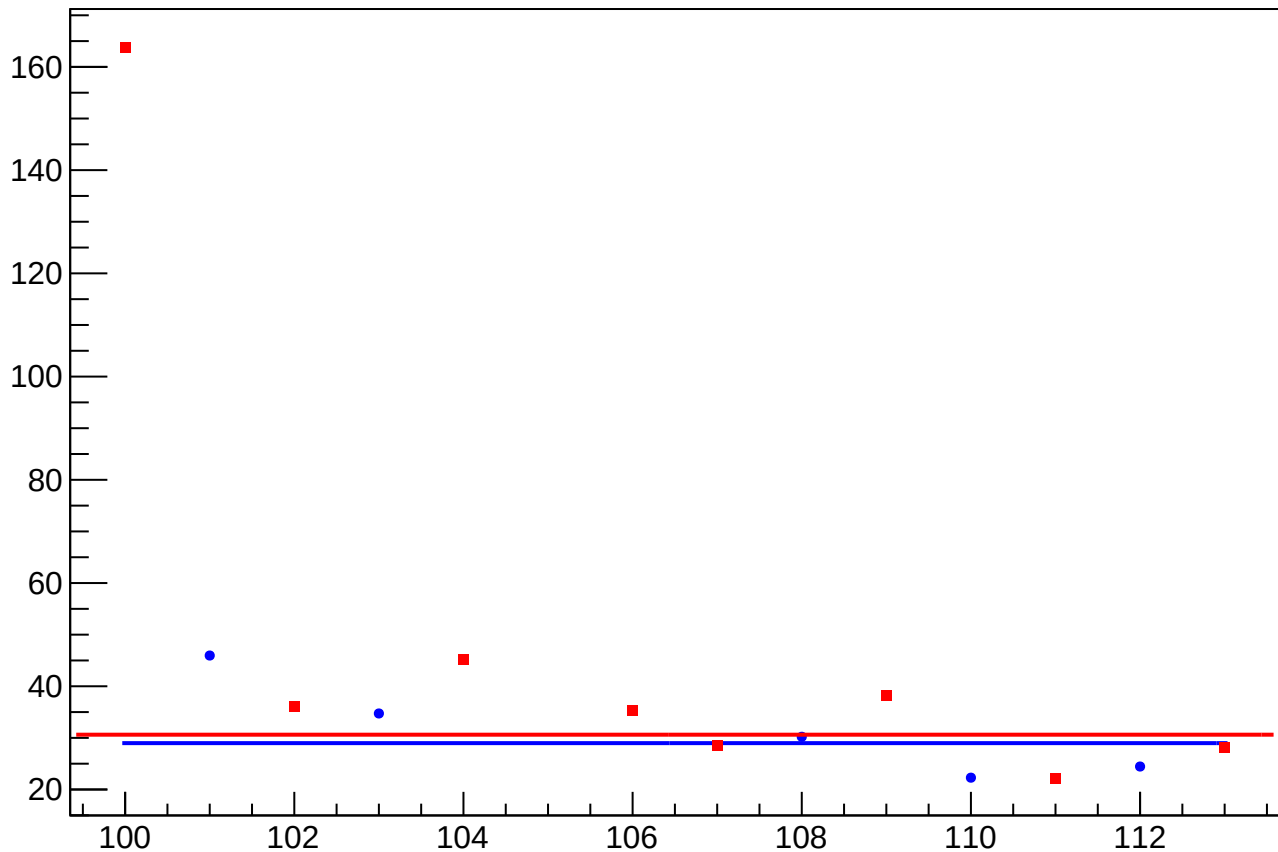
Right: -0.023+/-0.013 χ^2/NDF : 18.4/12

In: -0.025+/-0.019 χ^2/NDF : 8.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.023+/-0.013 χ^2/NDF : 18.4/12

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: 30.618+/-0.013 χ^2/NDF : 401530.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

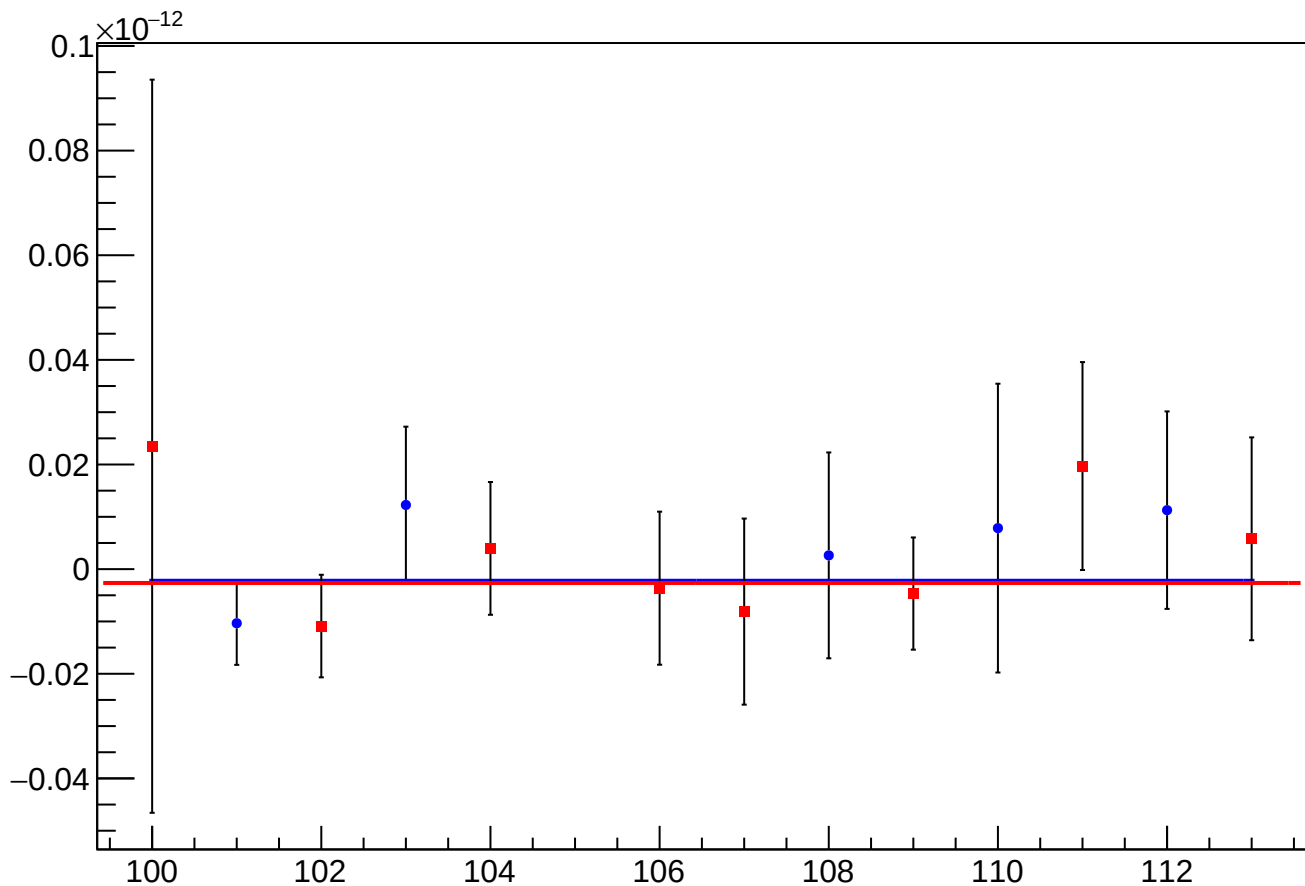
Right: 29.842+/-0.009 χ^2/NDF : 711927.0/12

In: 28.983+/-0.014 χ^2/NDF : 302751.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.842+/-0.009 χ^2/NDF : 711927.0/12

asym_sam_37_48_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 : 2.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

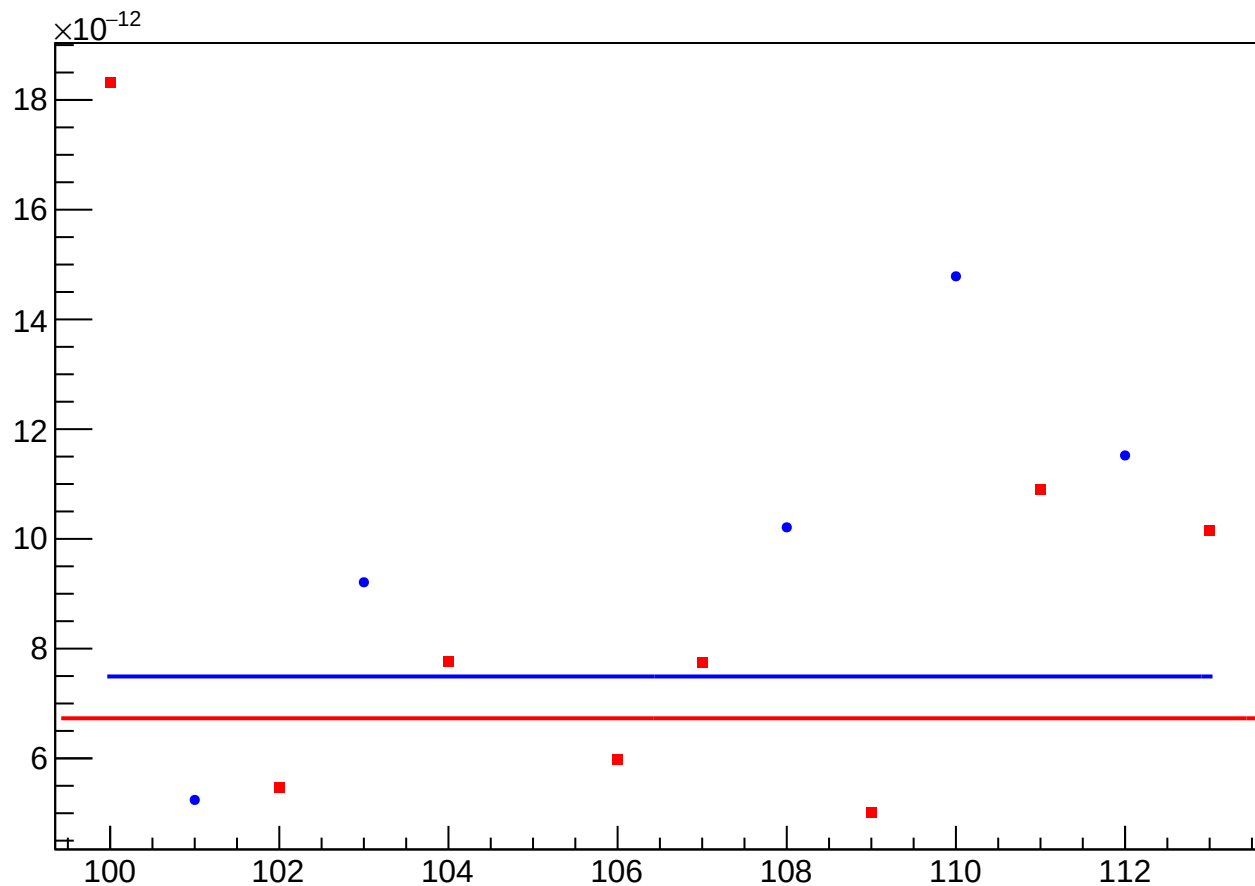
Right: -0.000+/-0.000 χ^2/NDF : 5.4/12

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 : 5.4/12

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 : 315560.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

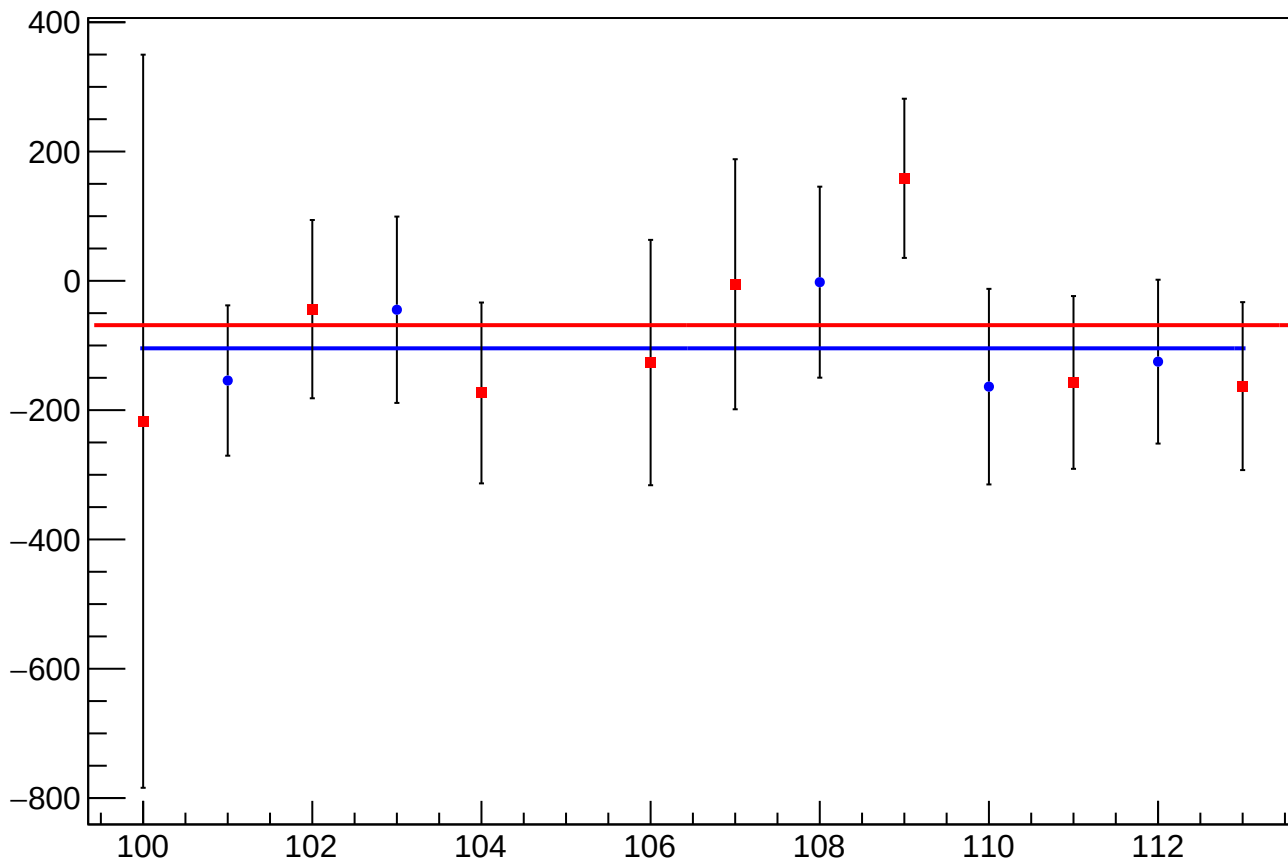
Right: 0.000+/-0.000 χ^2/NDF : 789333.8/12

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 : 789333.8/12

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: -68.556 ± 54.024 χ^2/NDF : 5.2/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

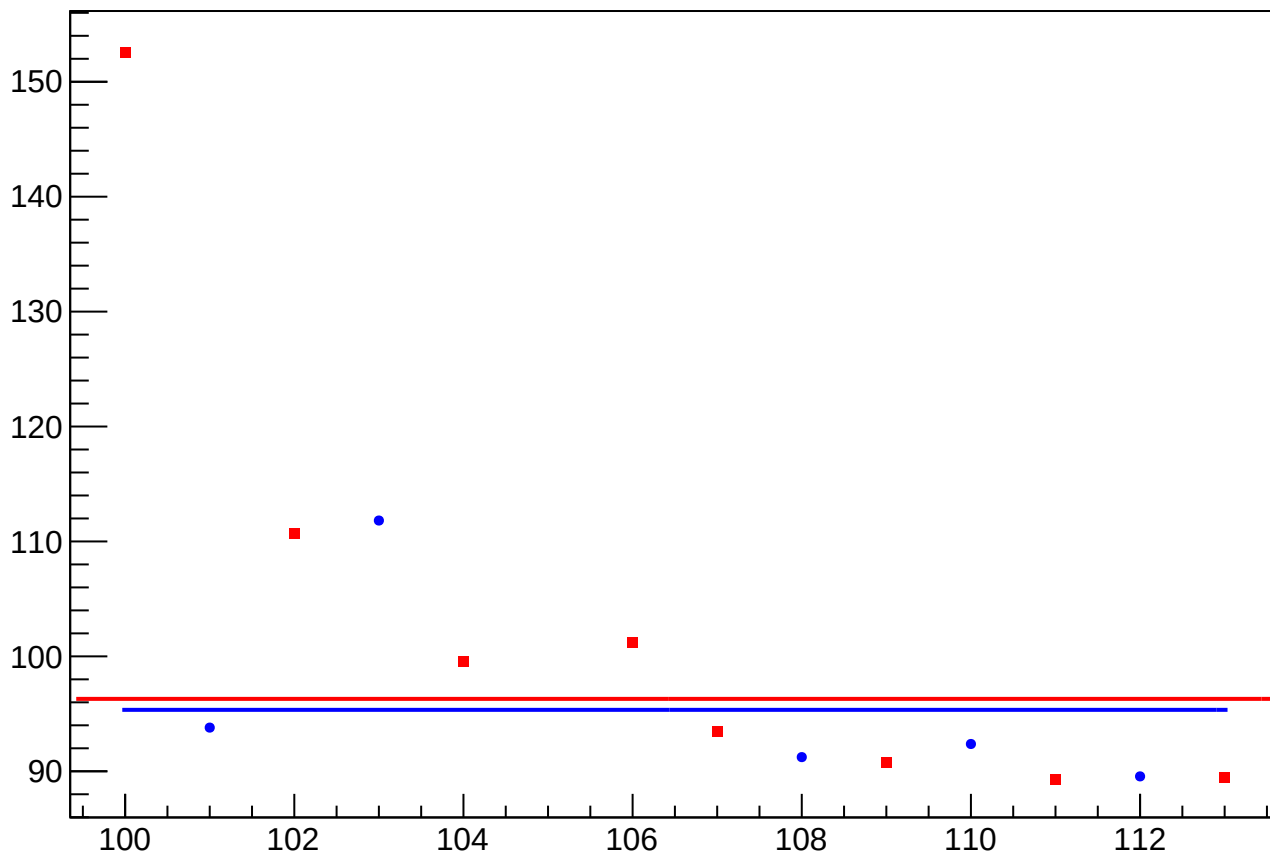
Right: -84.472 ± 40.272 χ^2/NDF : 6.4/12

In: -104.378 ± 60.417 χ^2/NDF : 1.0/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -84.472 ± 40.272 χ^2/NDF : 6.4/12

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: 96.301+/-0.038 χ^2/NDF : 59610.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

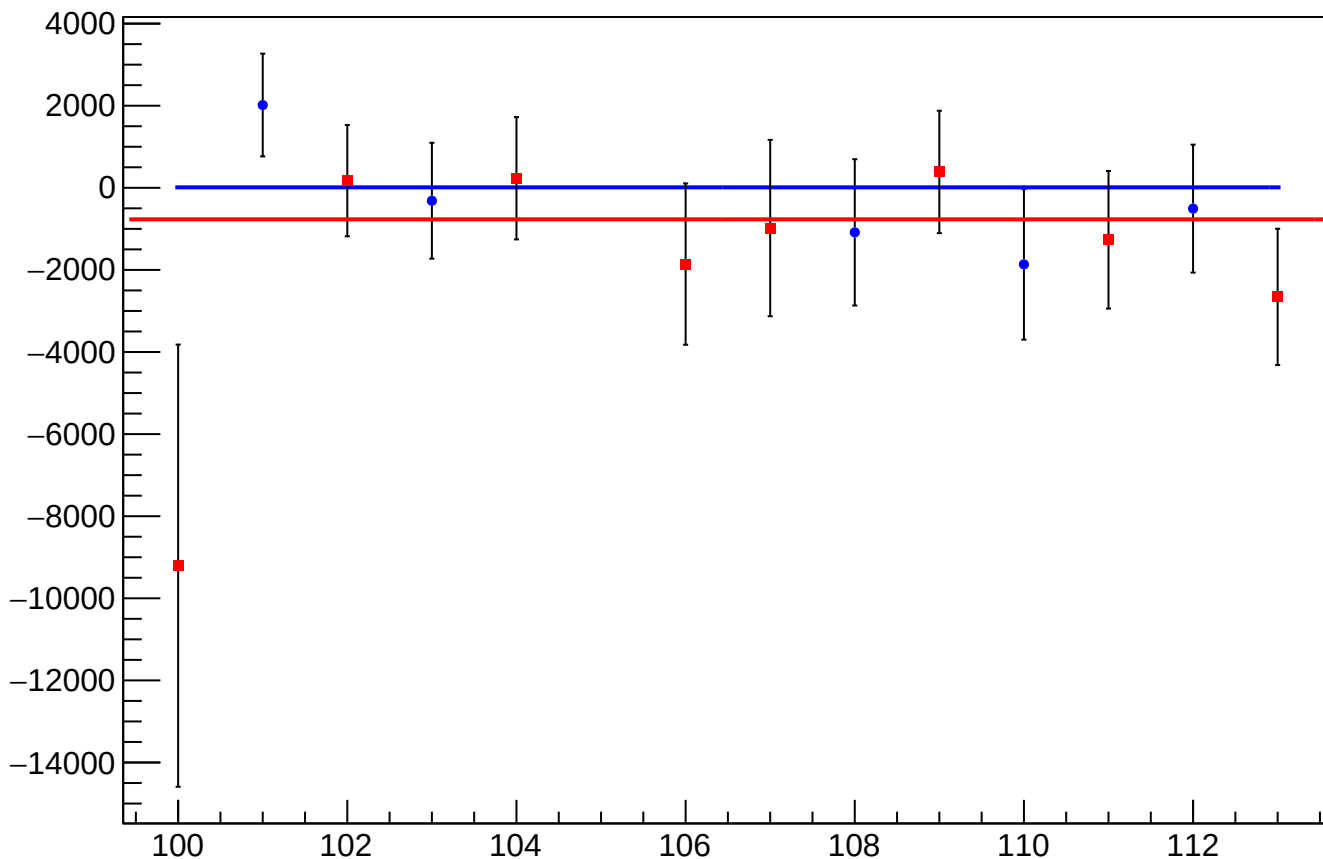
Right: 95.876+/-0.028 χ^2/NDF : 92878.6/12

In: 95.346+/-0.043 χ^2/NDF : 32990.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.876+/-0.028 χ^2/NDF : 92878.6/12

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: -768.078+/-611.661 χ^2/NDF : 5.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

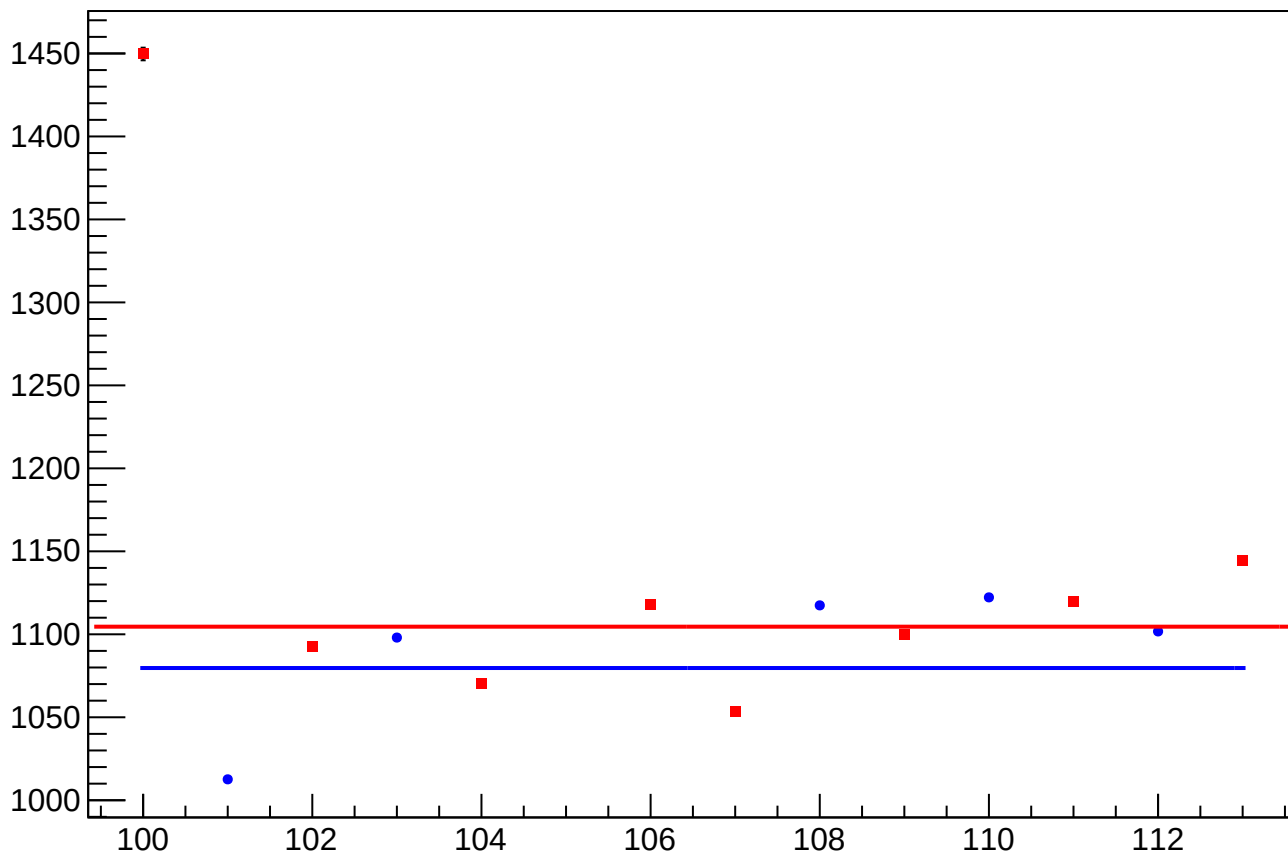
Right: -419.373+/-454.667 χ^2/NDF : 10.6/12

In: 11.223+/-679.700 χ^2/NDF : 4.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -419.373+/-454.667 χ^2/NDF : 10.6/12

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: 1104.593 $\pm$ 0.433 χ^2 /NDF: 11954.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

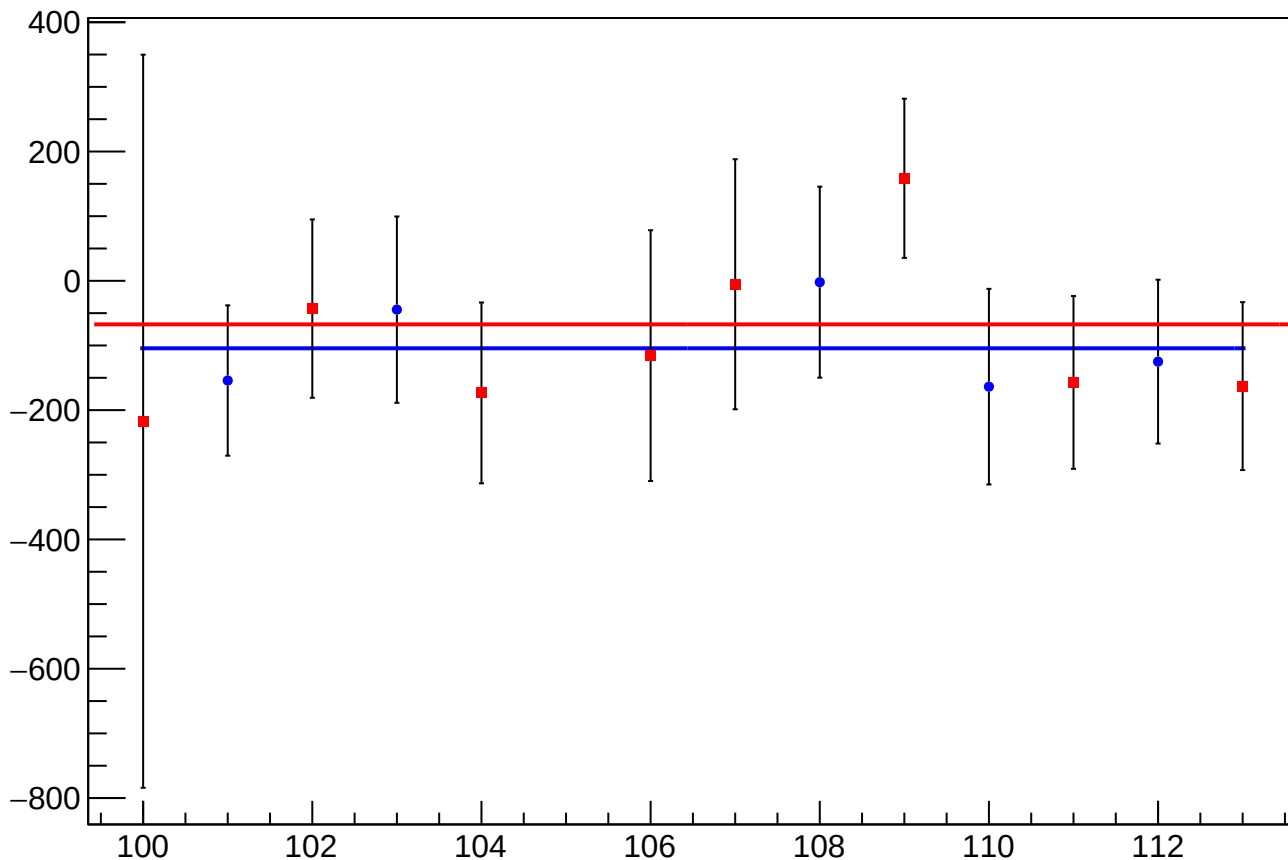
Right: 1093.446 $\pm$ 0.321 χ^2 /NDF: 21900.2/12

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: 1093.446 $\pm$ 0.321 χ^2 /NDF: 21900.2/12

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: -67.396+/-54.122 χ^2/NDF : 5.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

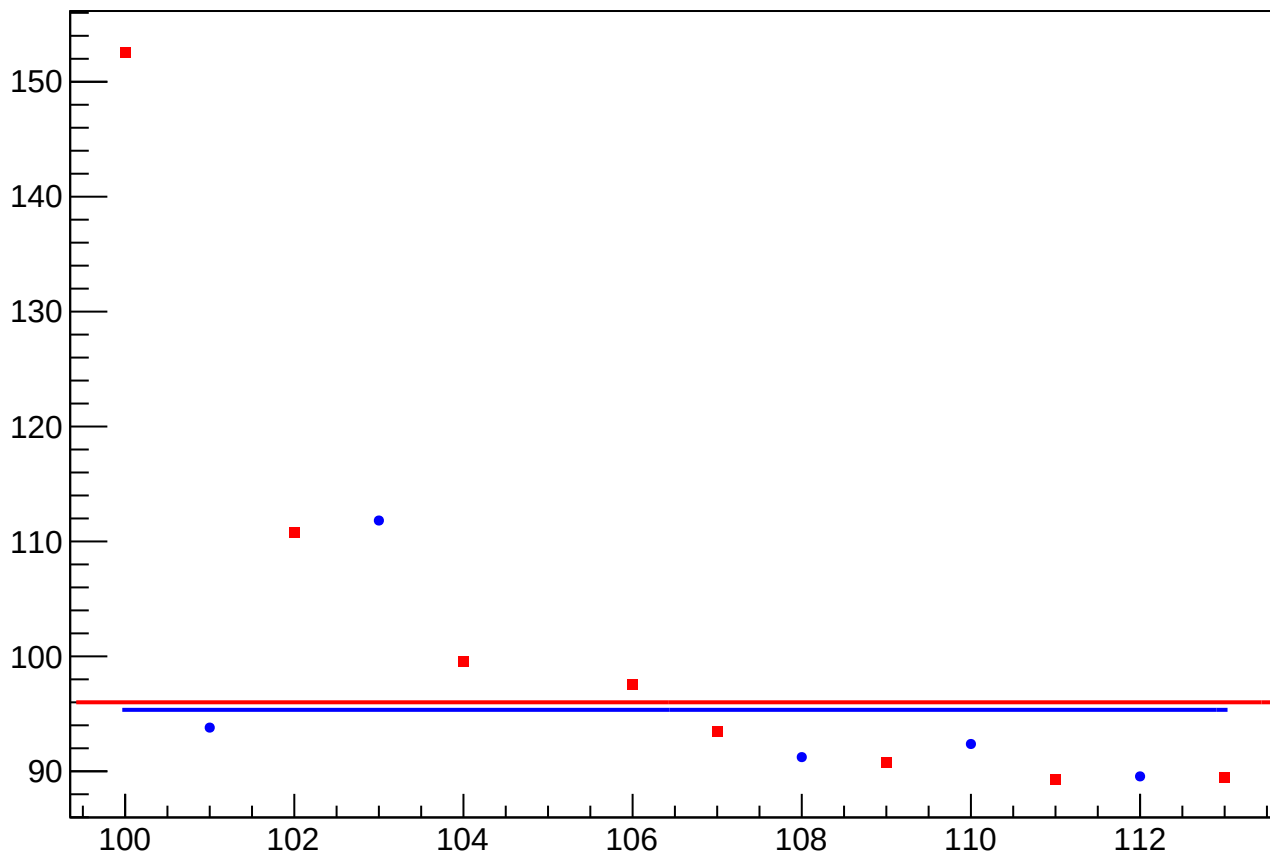
Right: -83.850+/-40.313 χ^2/NDF : 6.4/12

In: -104.356+/-60.417 χ^2/NDF : 1.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -83.850+/-40.313 χ^2/NDF : 6.4/12

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: 96.003+/-0.038 χ^2/NDF : 58445.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

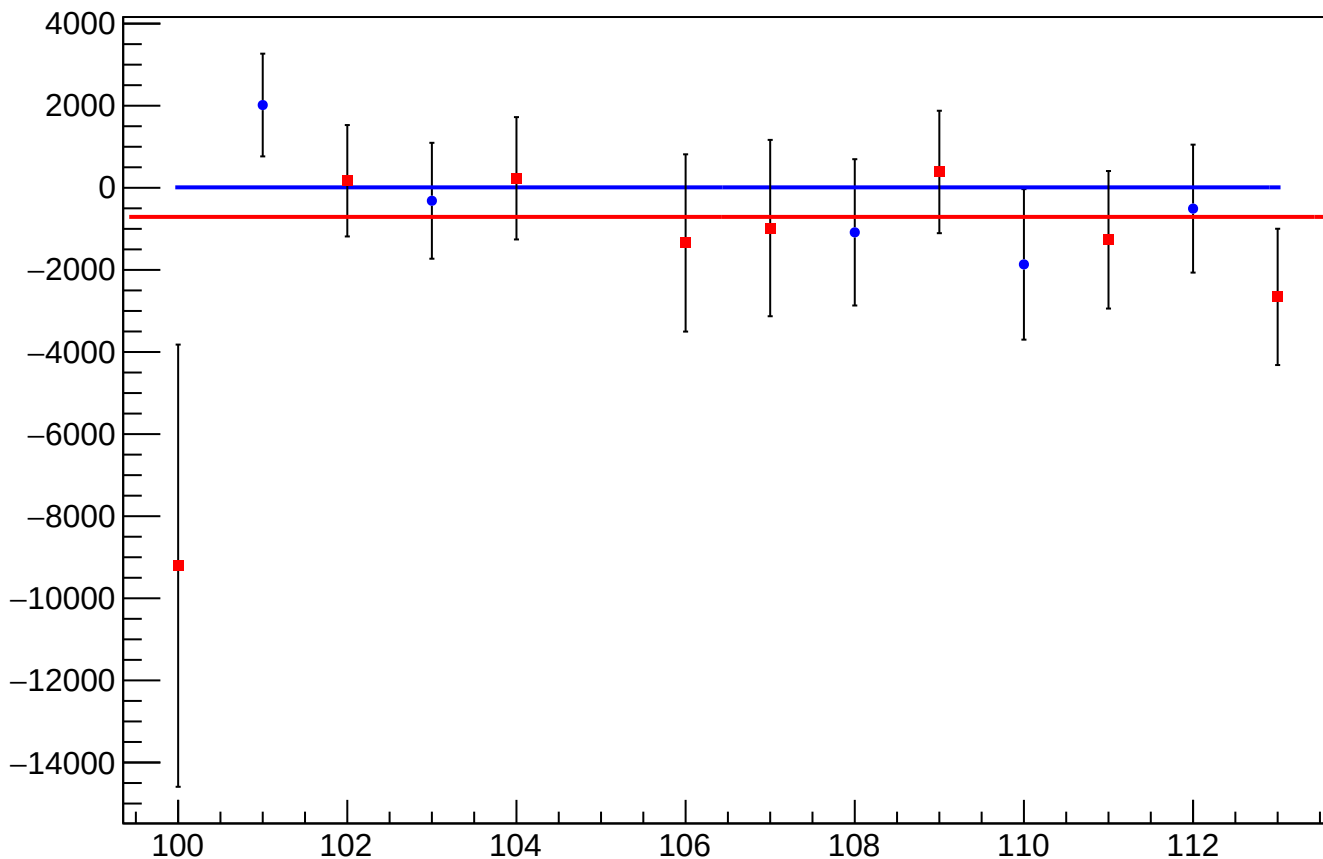
Right: 95.710+/-0.029 χ^2/NDF : 91568.7/12

In: 95.346+/-0.043 χ^2/NDF : 32992.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.710+/-0.029 χ^2/NDF : 91568.7/12

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: -708.592+/-616.881 χ^2/NDF : 5.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

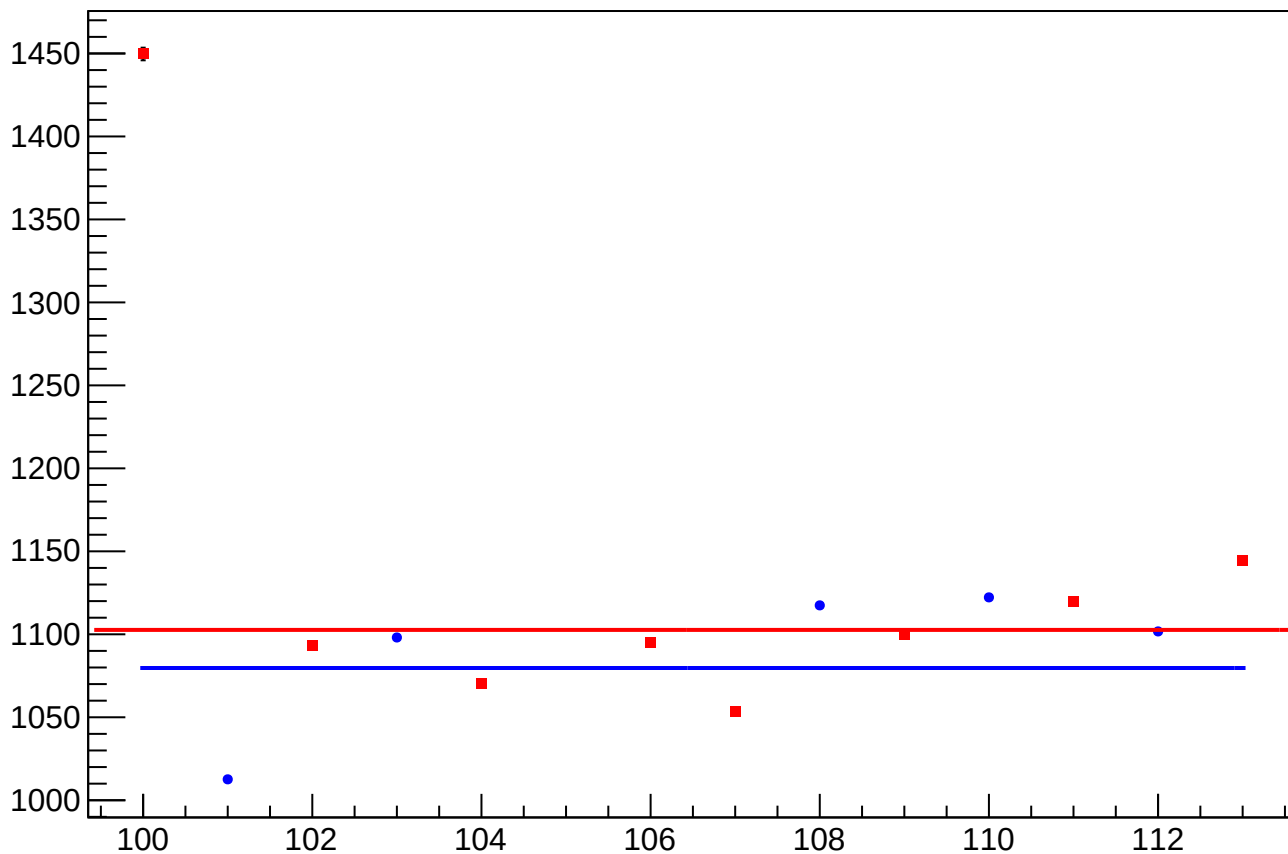
Right: -383.530+/-456.801 χ^2/NDF : 10.2/12

In: 11.115+/-679.708 χ^2/NDF : 4.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -383.530+/-456.801 χ^2/NDF : 10.2/12

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: 1102.648+/-0.436 χ^2/NDF : 11868.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

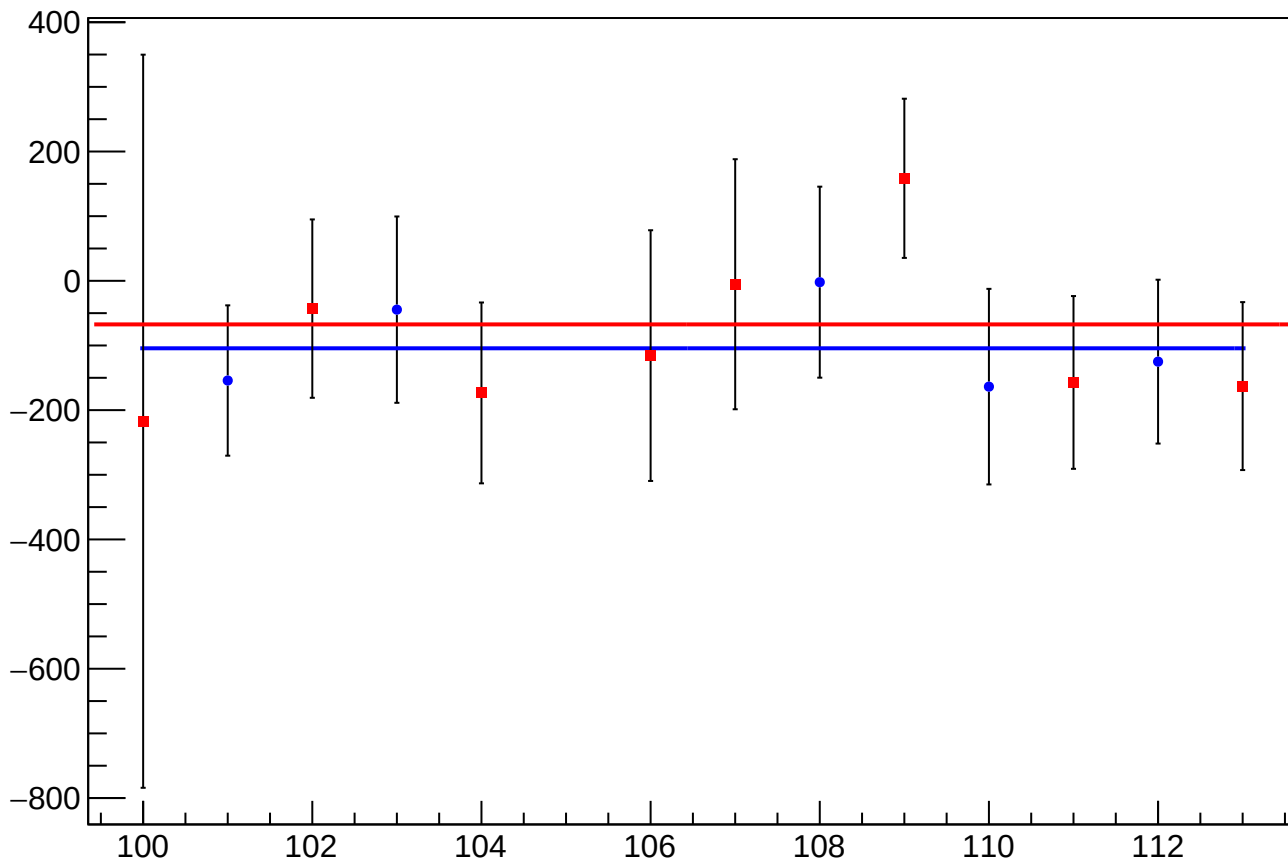
Right: 1092.281+/-0.323 χ^2/NDF : 21582.3/12

In: 1079.694+/-0.481 χ^2/NDF : 8463.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1092.281+/-0.323 χ^2/NDF : 21582.3/12

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: -67.396+/-54.122 χ^2/NDF : 5.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

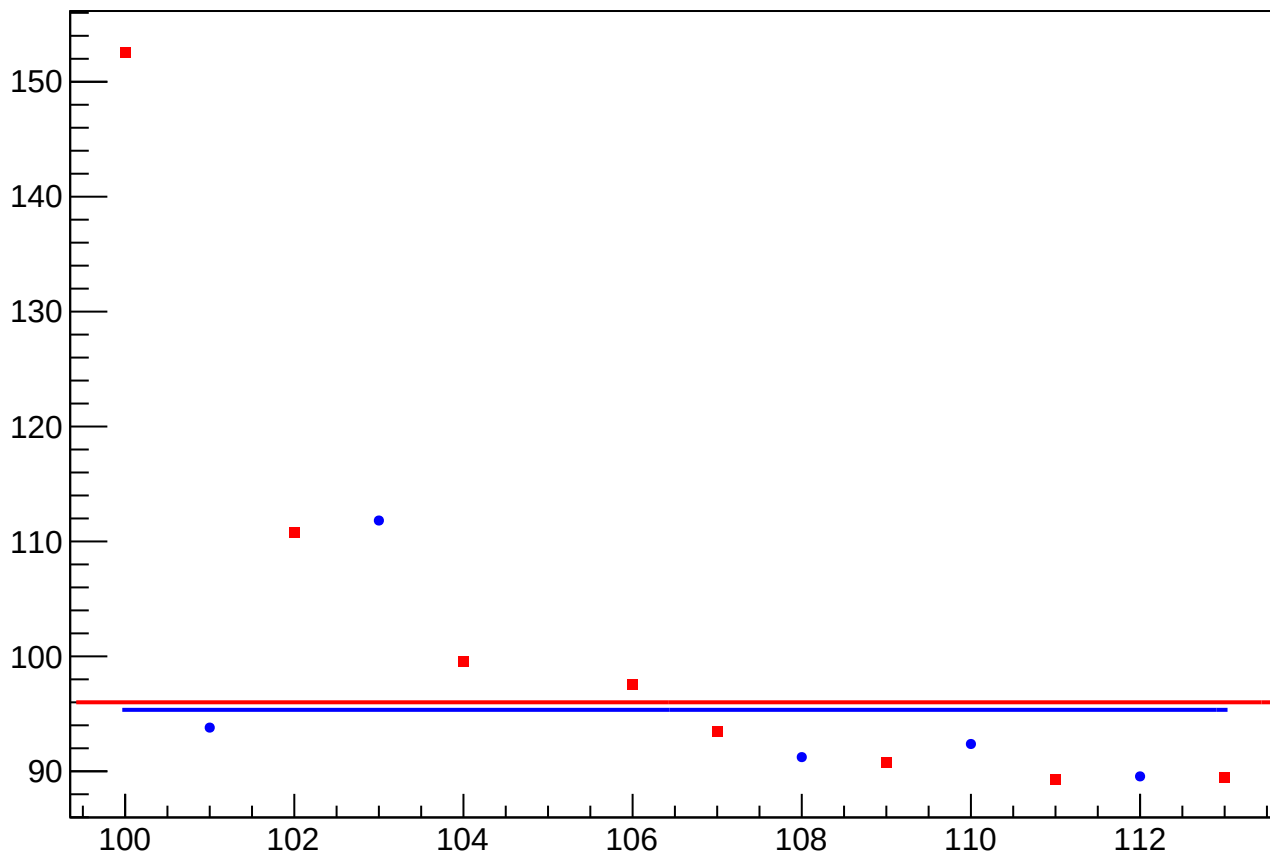
Right: -83.850+/-40.313 χ^2/NDF : 6.4/12

In: -104.356+/-60.417 χ^2/NDF : 1.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -83.850+/-40.313 χ^2/NDF : 6.4/12

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: 96.003+/-0.038 χ^2/NDF : 58445.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

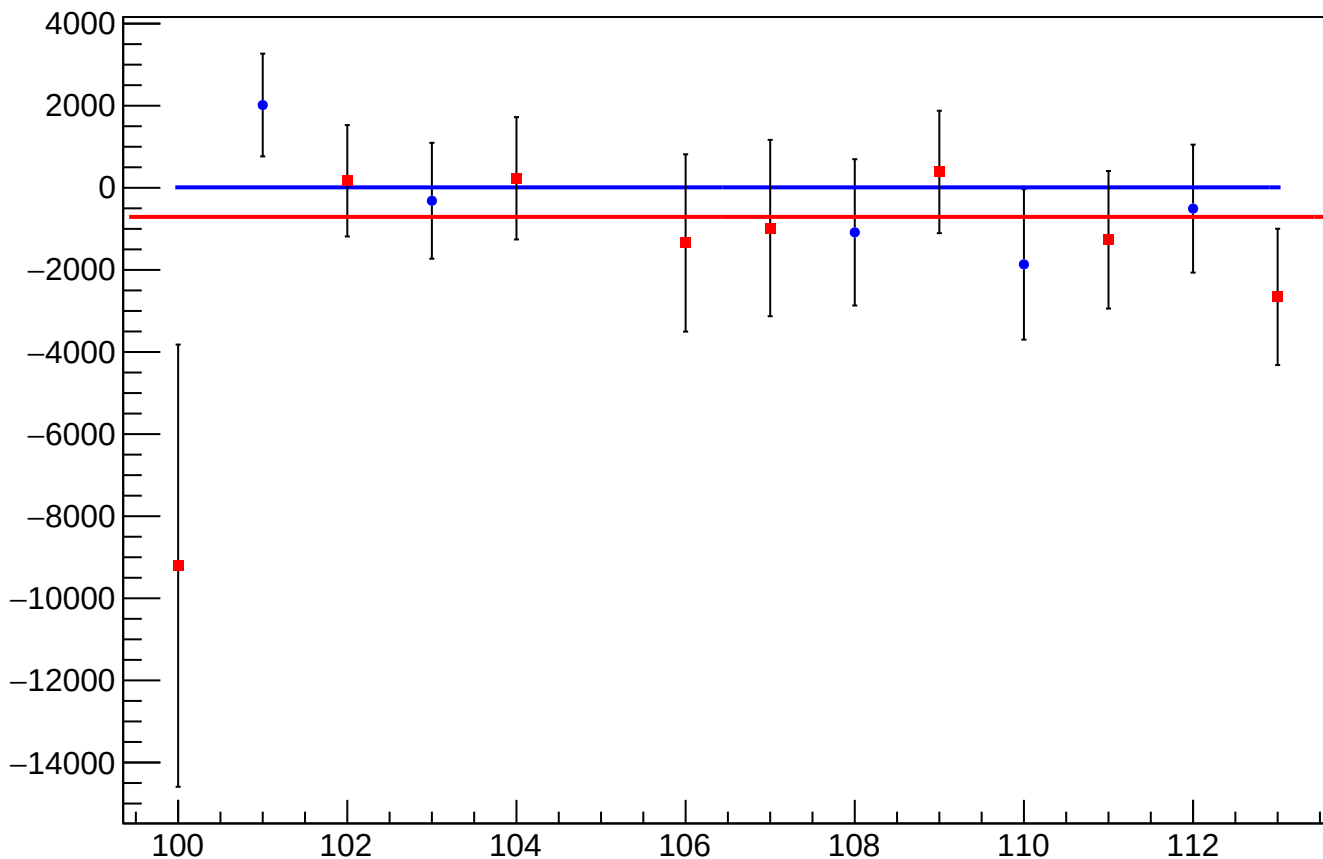
Right: 95.710+/-0.029 χ^2/NDF : 91568.7/12

In: 95.346+/-0.043 χ^2/NDF : 32992.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.710+/-0.029 χ^2/NDF : 91568.7/12

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: -708.592+/-616.881 χ^2/NDF : 5.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

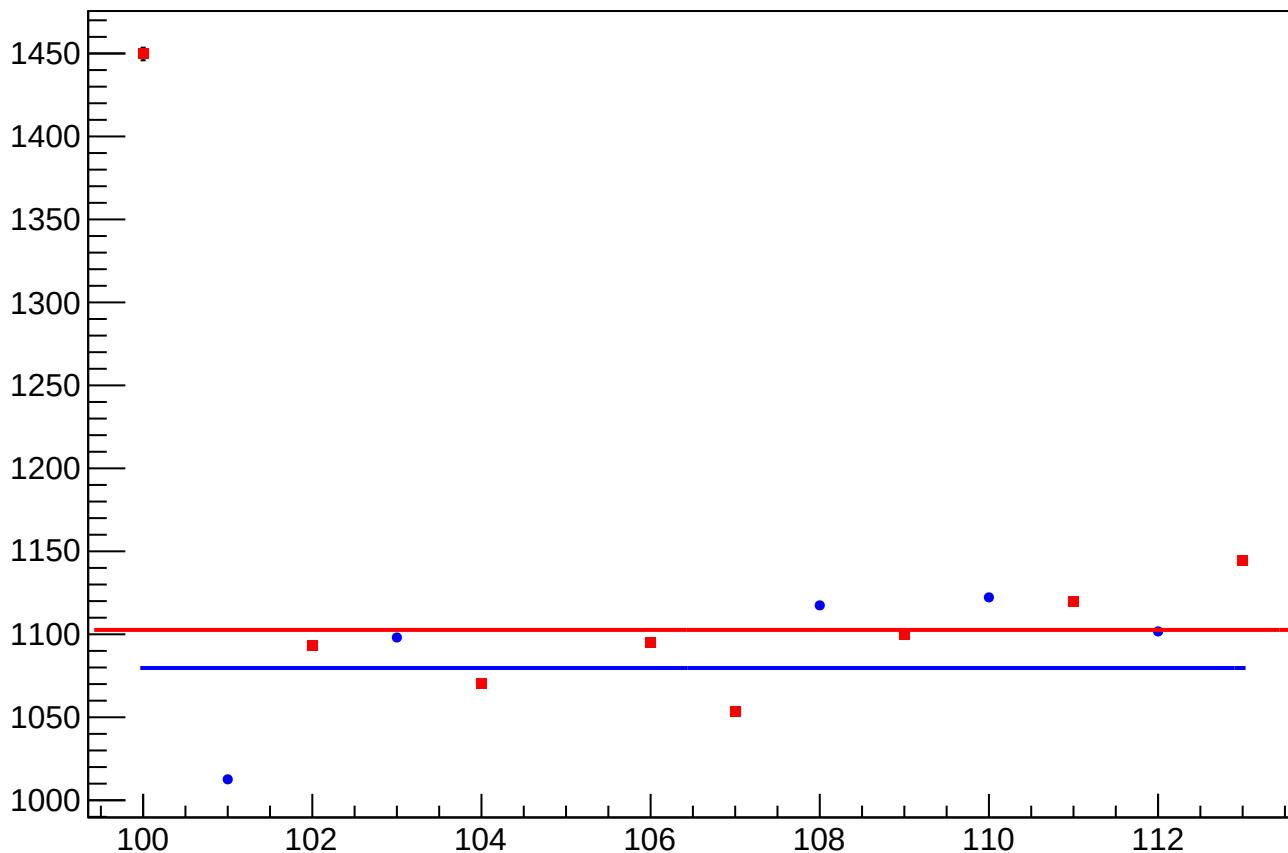
Right: -383.530+/-456.801 χ^2/NDF : 10.2/12

In: 11.115+/-679.708 χ^2/NDF : 4.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -383.530+/-456.801 χ^2/NDF : 10.2/12

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: 1102.648+/-0.436 χ^2/NDF : 11868.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

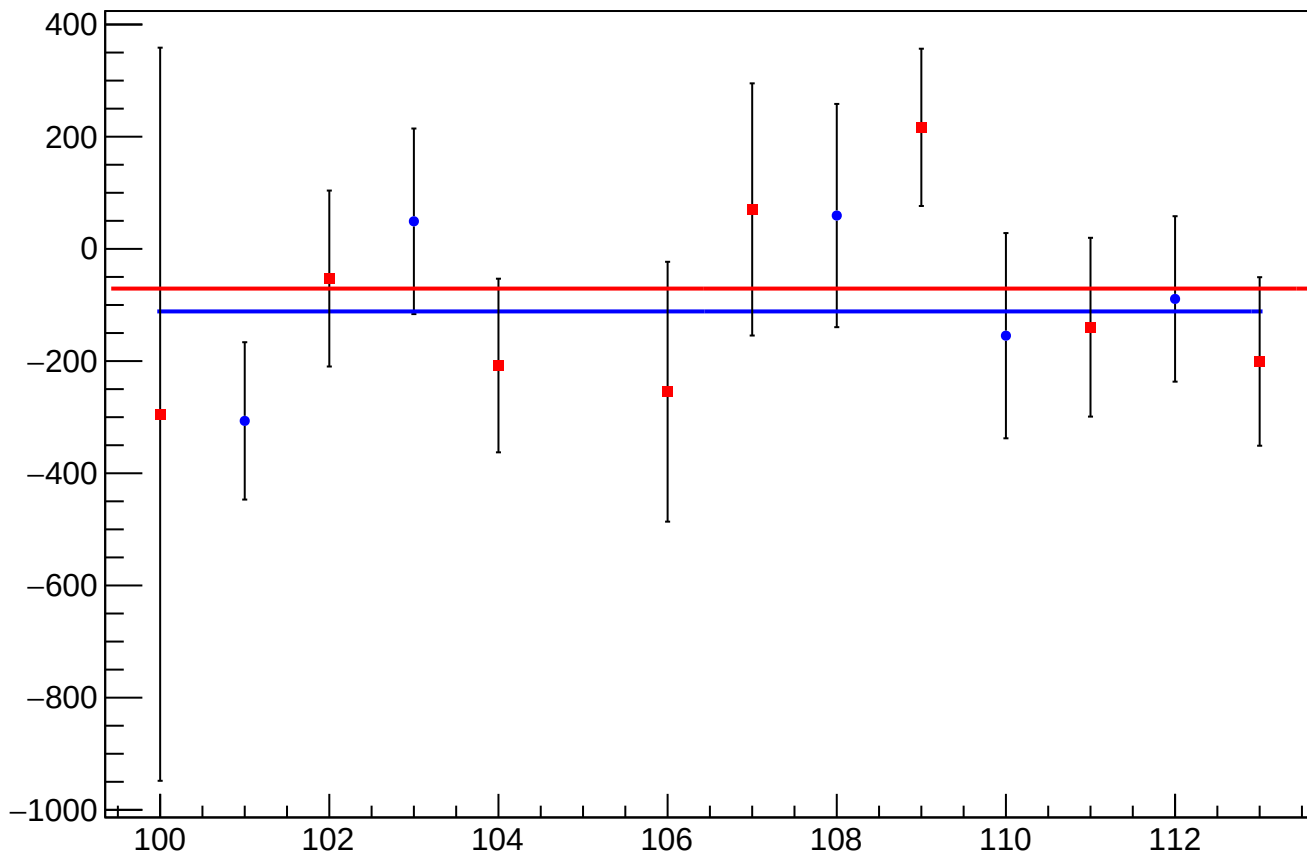
Right: 1092.281+/-0.323 χ^2/NDF : 21582.3/12

In: 1079.694+/-0.481 χ^2/NDF : 8463.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1092.281+/-0.323 χ^2/NDF : 21582.3/12

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: -70.754 ± 62.287 χ^2/NDF : 7.1/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

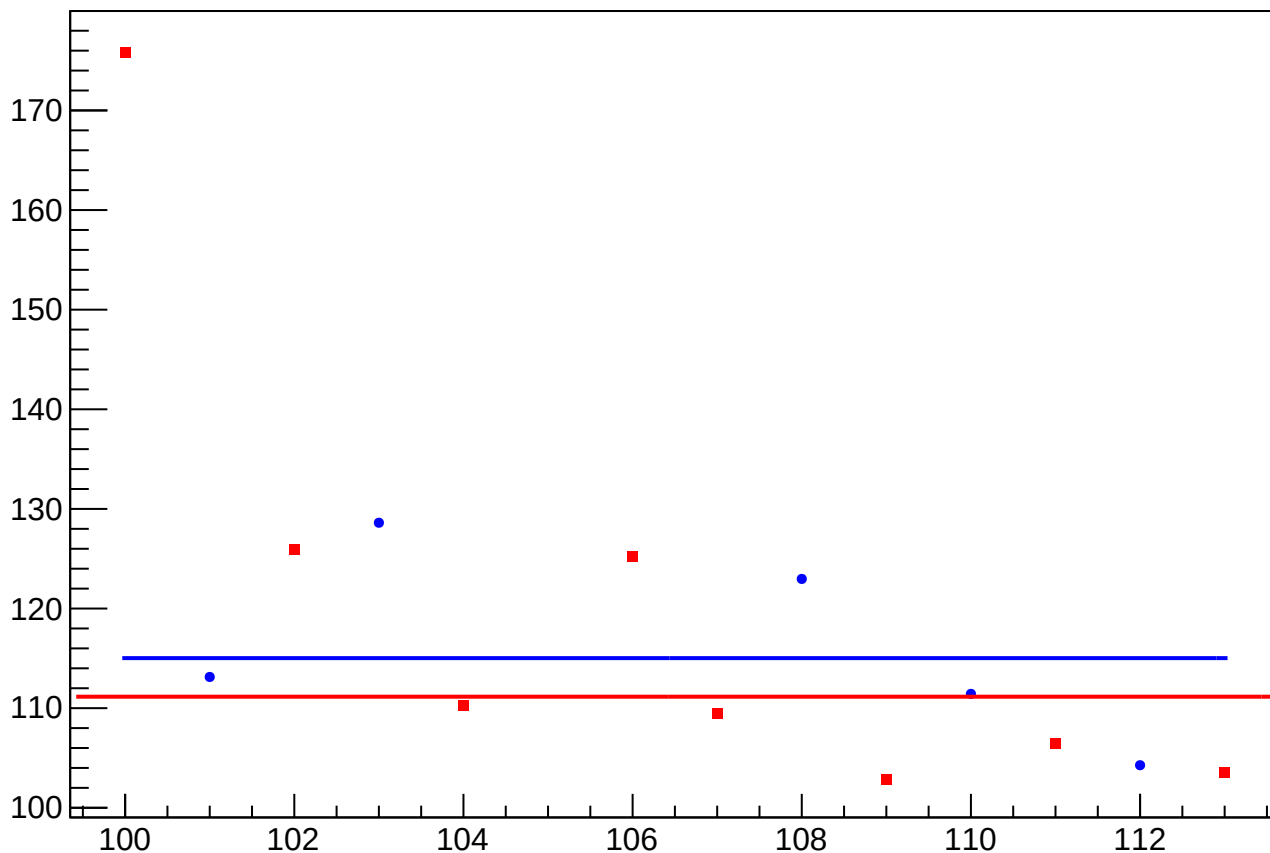
Right: -87.954 ± 47.337 χ^2/NDF : 11.0/12

In: -111.472 ± 72.833 χ^2/NDF : 3.7/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -87.954 ± 47.337 χ^2/NDF : 11.0/12

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: 111.150+/-0.044 χ^2/NDF : 58951.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

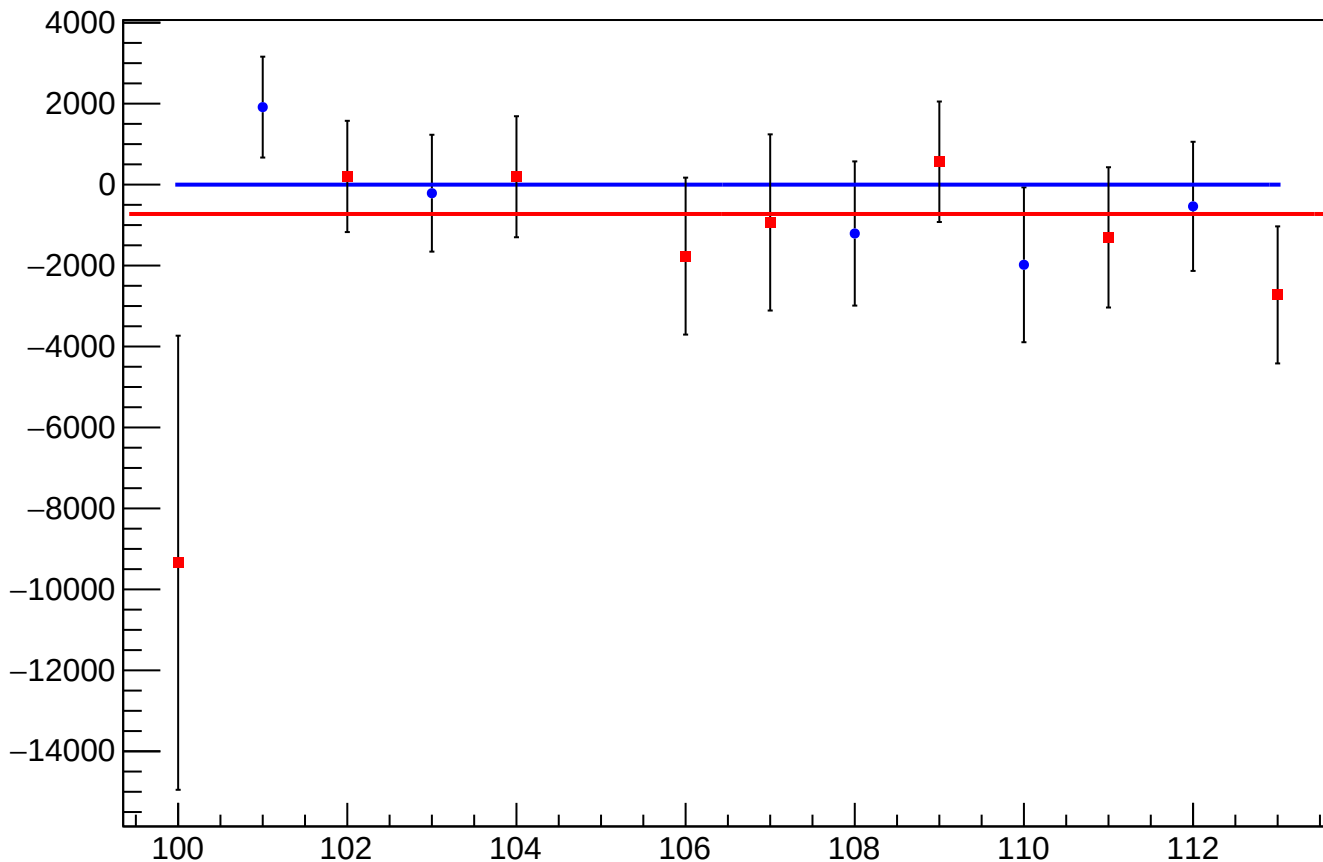
Right: 112.786+/-0.033 χ^2/NDF : 90672.4/12

In: 115.023+/-0.052 χ^2/NDF :28455.5/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 112.786+/-0.033 χ^2/NDF : 90672.4/12

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: -725.930+/-617.875 χ^2/NDF : 5.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

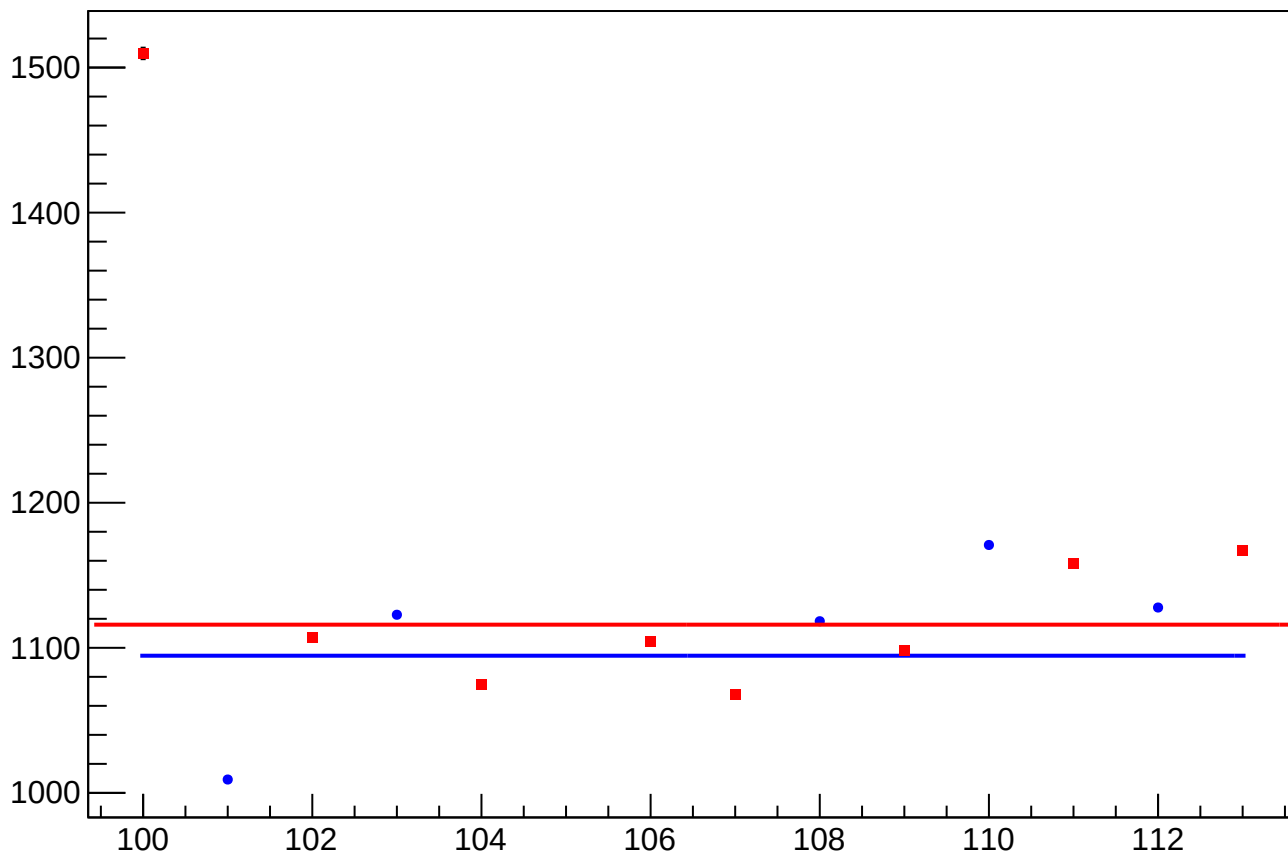
Right: -402.958+/-460.046 χ^2/NDF : 10.4/12

In: -1.173+/-689.153 χ^2/NDF : 4.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -402.958+/-460.046 χ^2/NDF : 10.4/12

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: 1115.959+/-0.437 χ^2/NDF : 15806.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

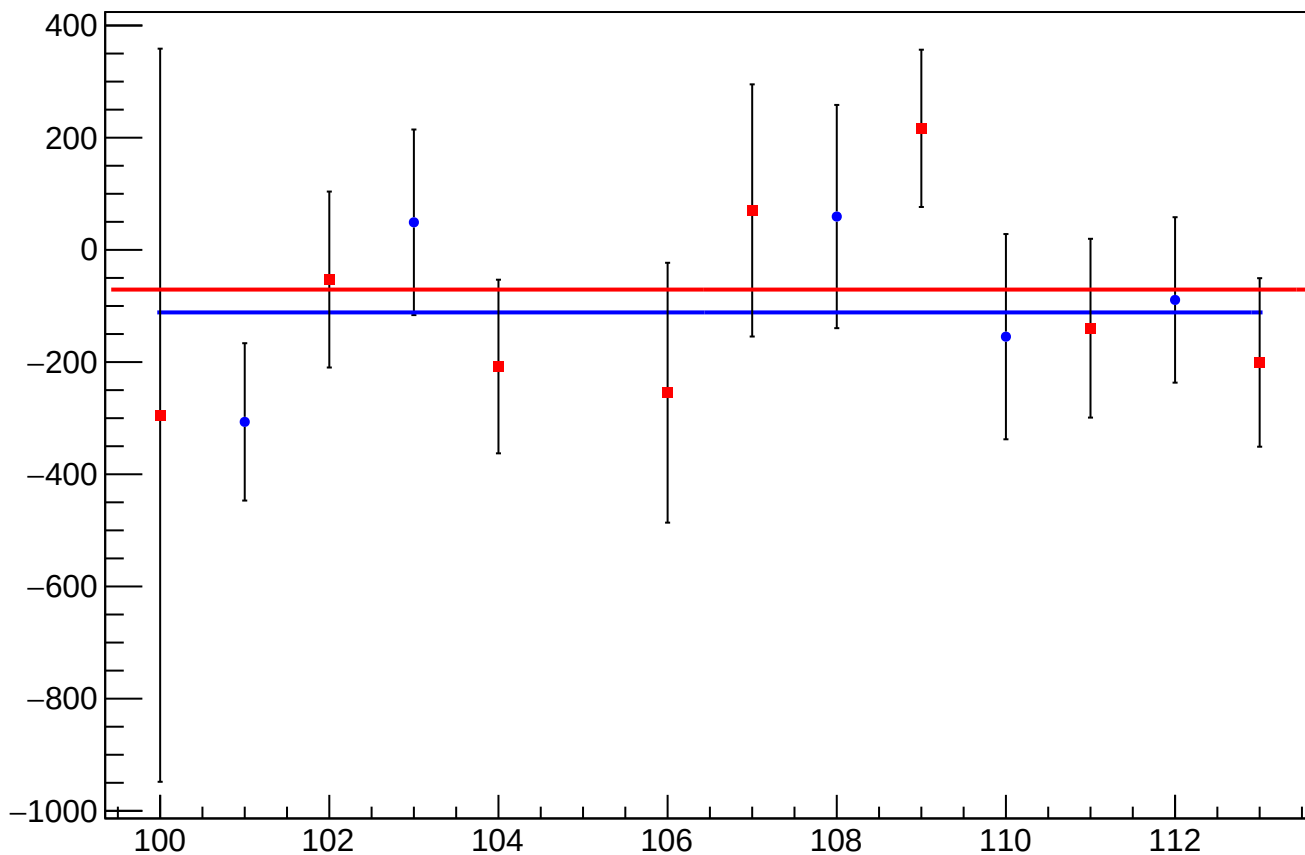
Right: 1106.421+/-0.325 χ^2/NDF : 31432.0/12

In: 1094.555+/-0.487 χ^2/NDF : 14556.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1106.421+/-0.325 χ^2/NDF : 31432.0/12

eigen_dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -111.468 $\pm$ 72.833 χ^2 /NDF: 3.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -70.751 $\pm$ 62.286 χ^2 /NDF: 7.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

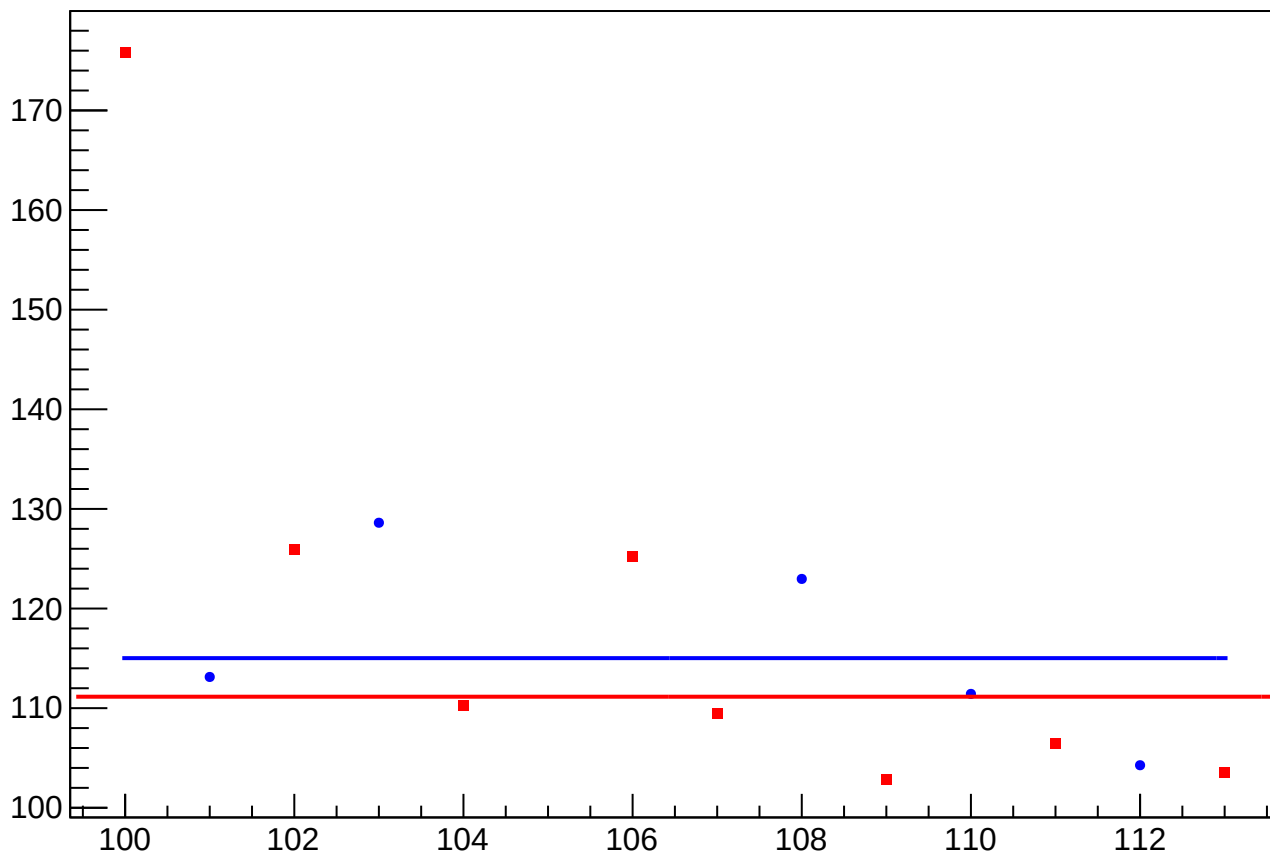
Right: -87.951 $\pm$ 47.337 χ^2 /NDF: 11.0/12

In: -111.468 $\pm$ 72.833 χ^2 /NDF:3.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -87.951 $\pm$ 47.337 χ^2 /NDF: 11.0/12

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: 111.150+/-0.044 χ^2/NDF : 58955.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

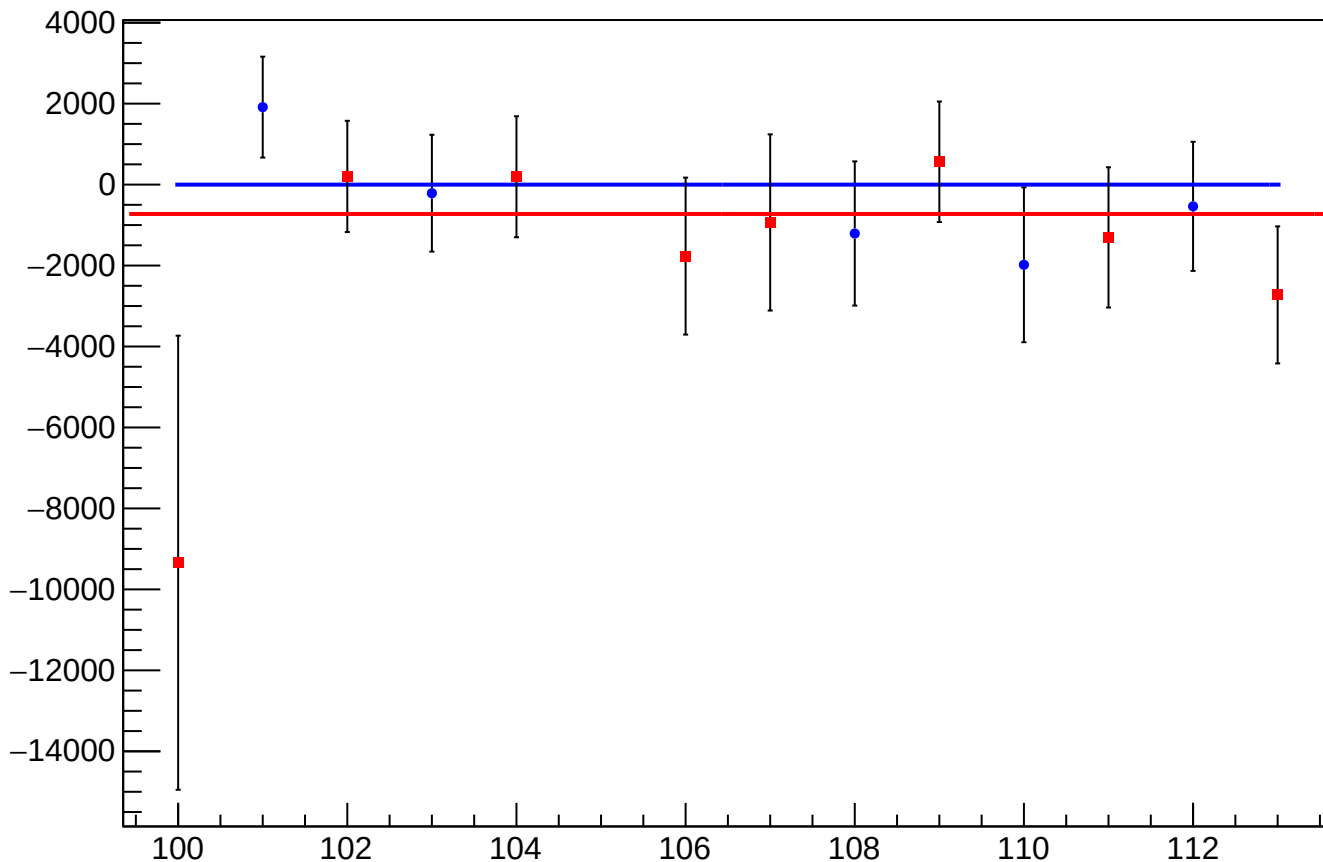
Right: 112.785+/-0.033 χ^2/NDF : 90679.5/12

In: 115.021+/-0.052 χ^2/NDF : 28459.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.785+/-0.033 χ^2/NDF : 90679.5/12

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: -725.928+/-617.873 χ^2 /NDF: 5.7/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

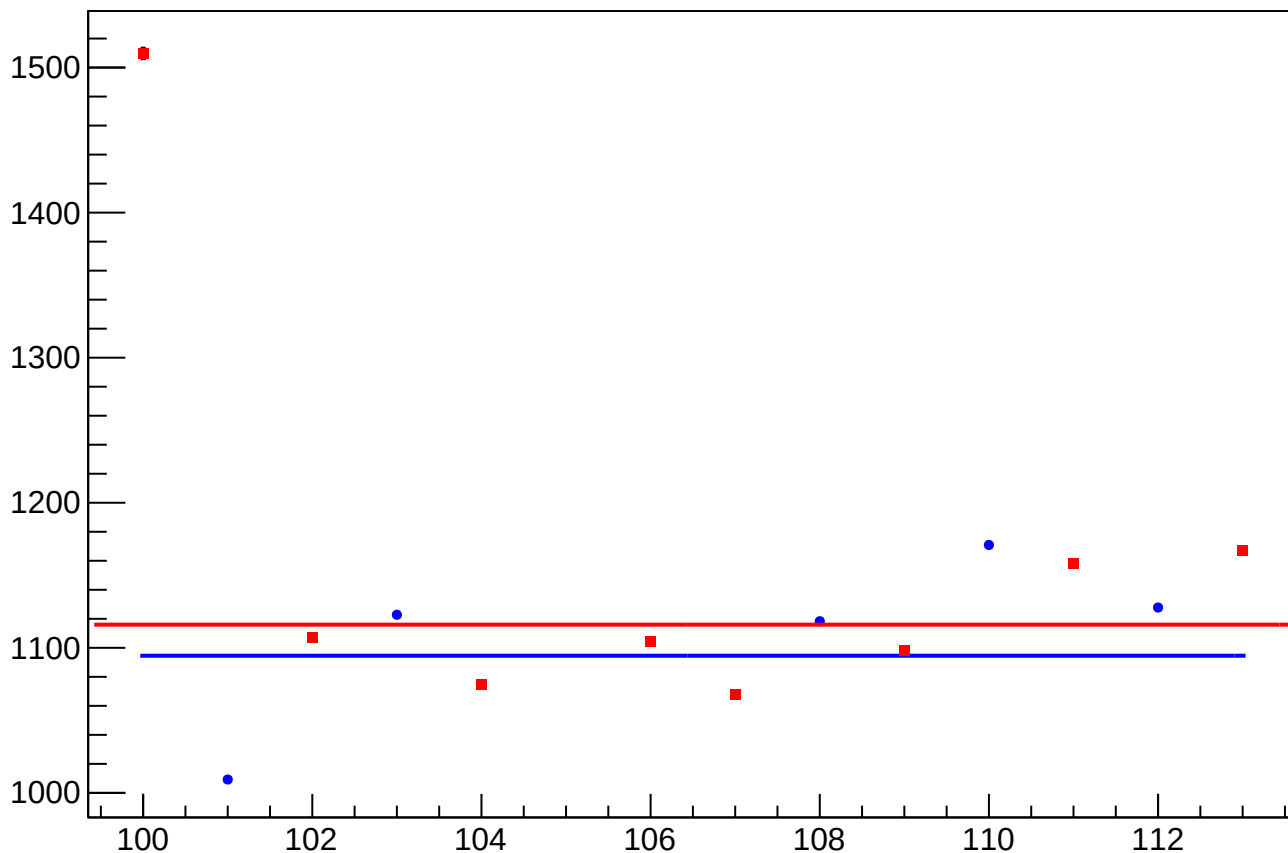
Right: -402.958+/-460.045 χ^2 /NDF: 10.4/12

In: -1.173+/-689.151 χ^2 /NDF:4.0/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -402.958+/-460.045 χ^2 /NDF: 10.4/12

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: 1115.955+/-0.437 χ^2/NDF : 15805.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

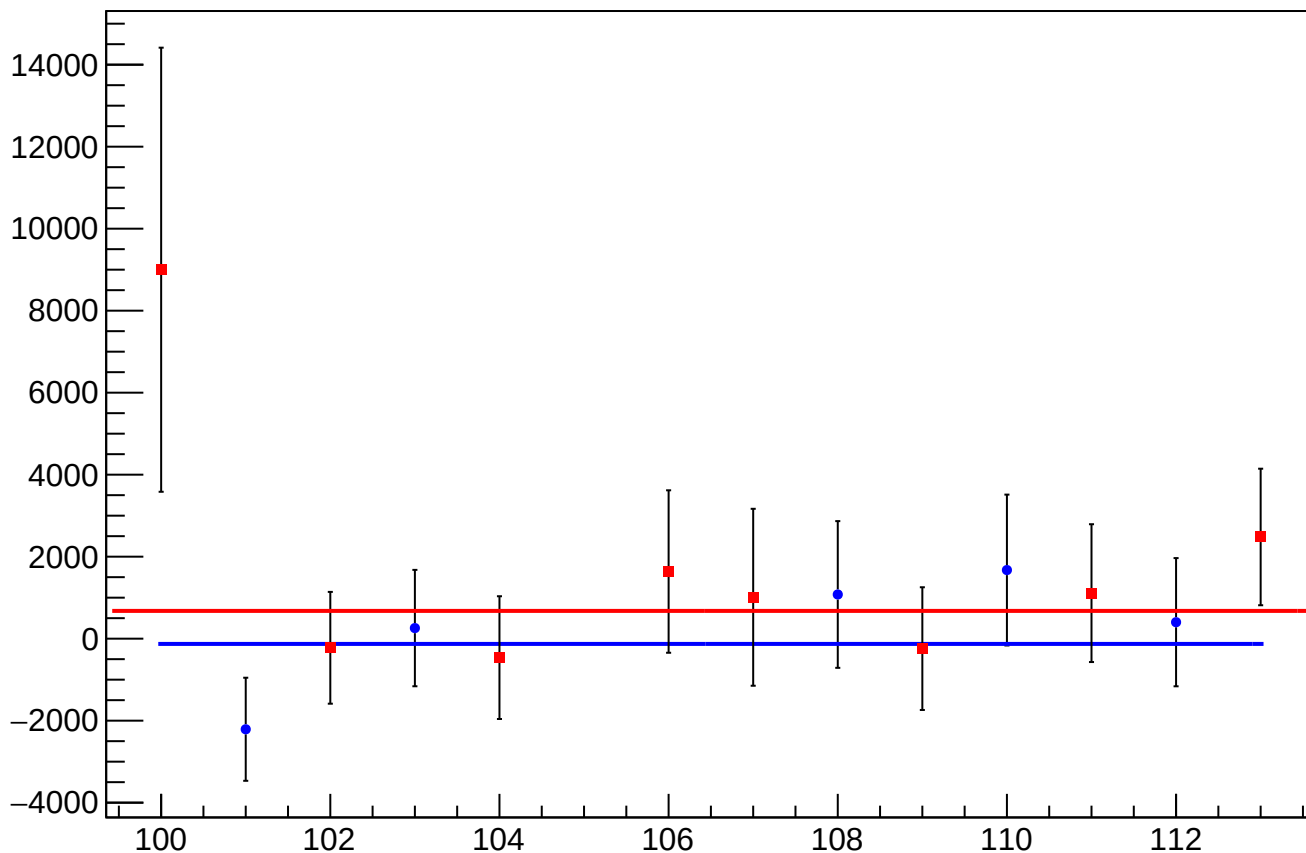
Right: 1106.417+/-0.325 χ^2/NDF : 31430.3/12

In: 1094.552+/-0.487 χ^2/NDF : 14554.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1106.417+/-0.325 χ^2/NDF : 31430.3/12

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: 677.340+/-614.426 χ^2/NDF : 5.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

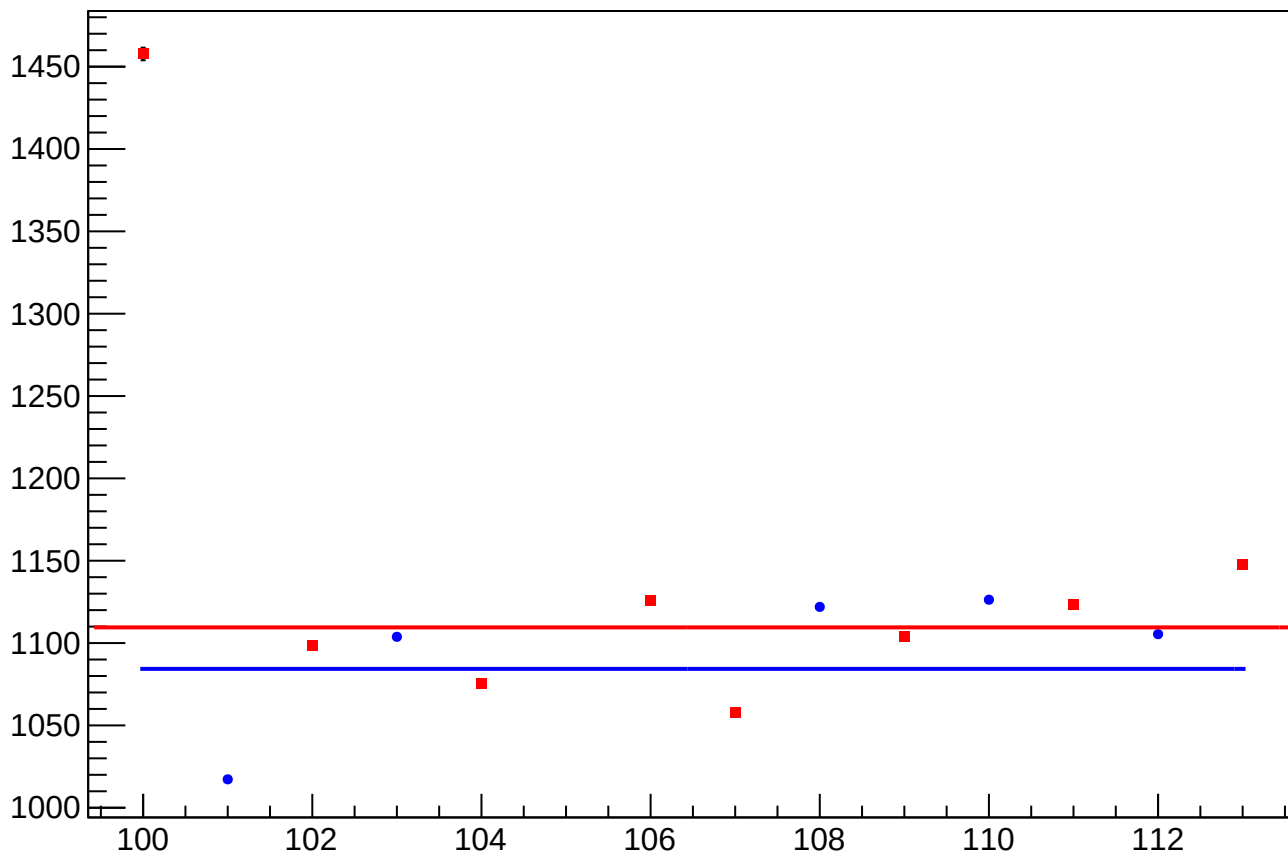
Right: 316.883+/-456.673 χ^2/NDF : 10.4/12

In: -128.010+/-682.607 χ^2/NDF : 4.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 316.883+/-456.673 χ^2/NDF : 10.4/12

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: 1109.525+/-0.434 χ^2/NDF : 11922.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

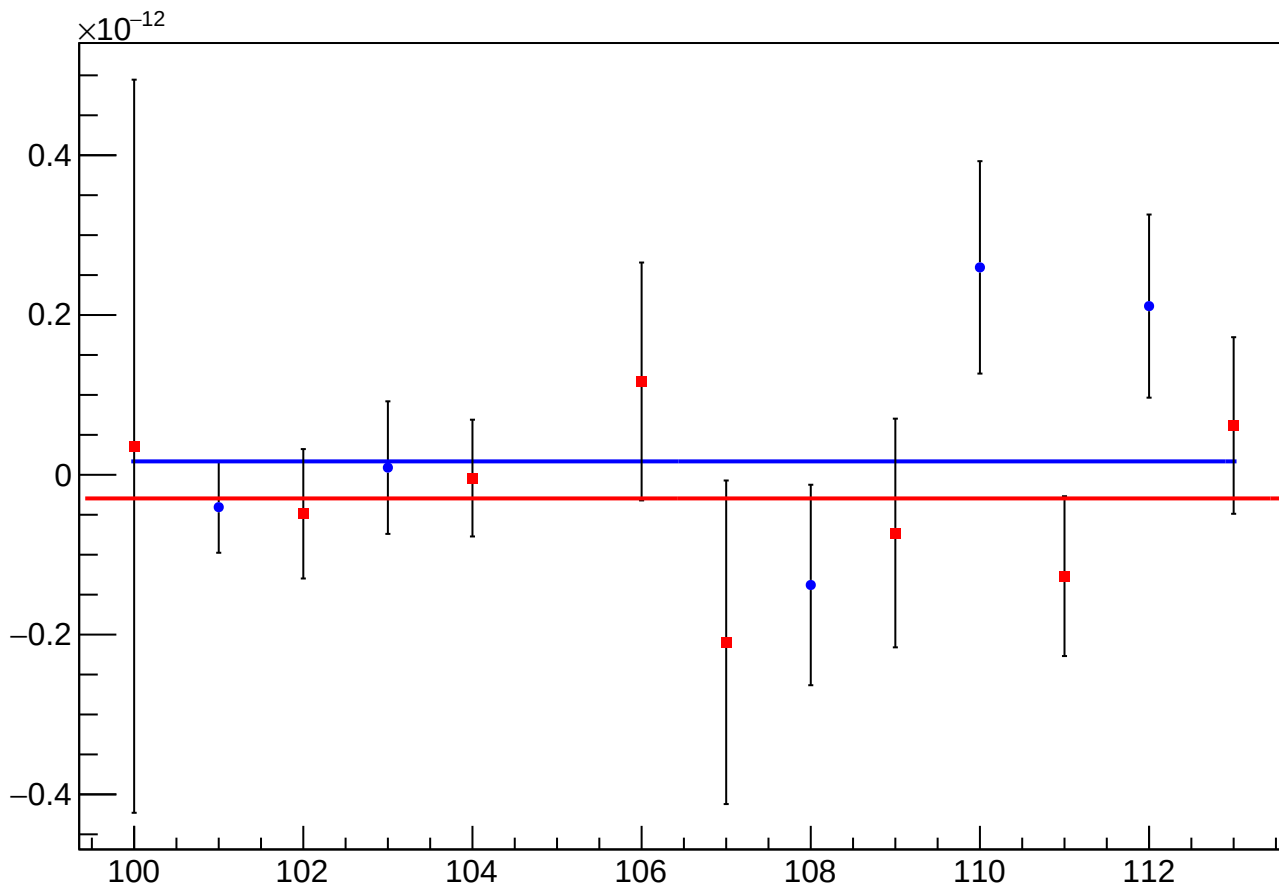
Right: 1098.245+/-0.323 χ^2/NDF : 21789.5/12

In: 1084.322+/-0.483 χ^2/NDF : 8360.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1098.245+/-0.323 χ^2/NDF : 21789.5/12

asym_sam_15_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

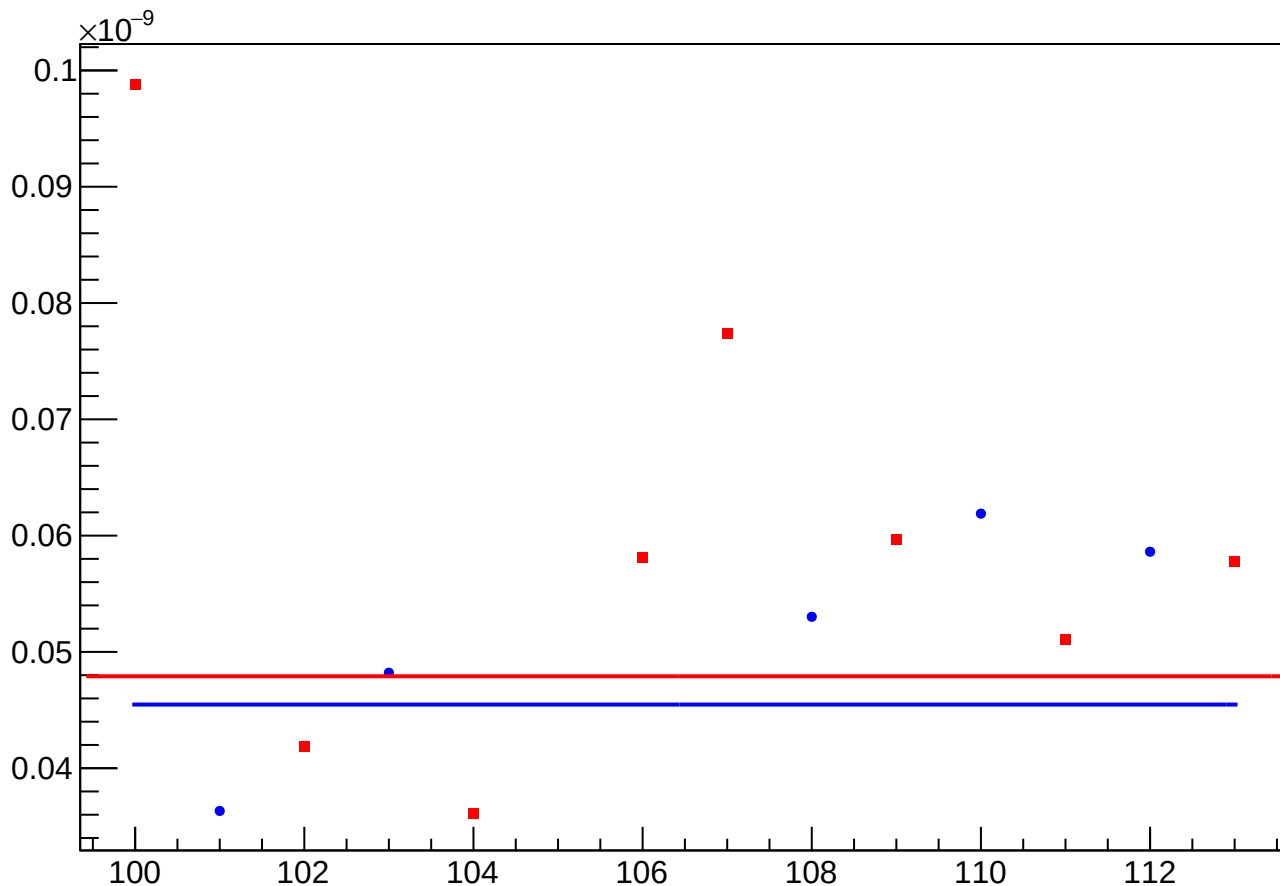
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.1/12

In: 0.000 $\pm$ 0.000 χ^2 /NDF:8.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.1/12

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 : 171071.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

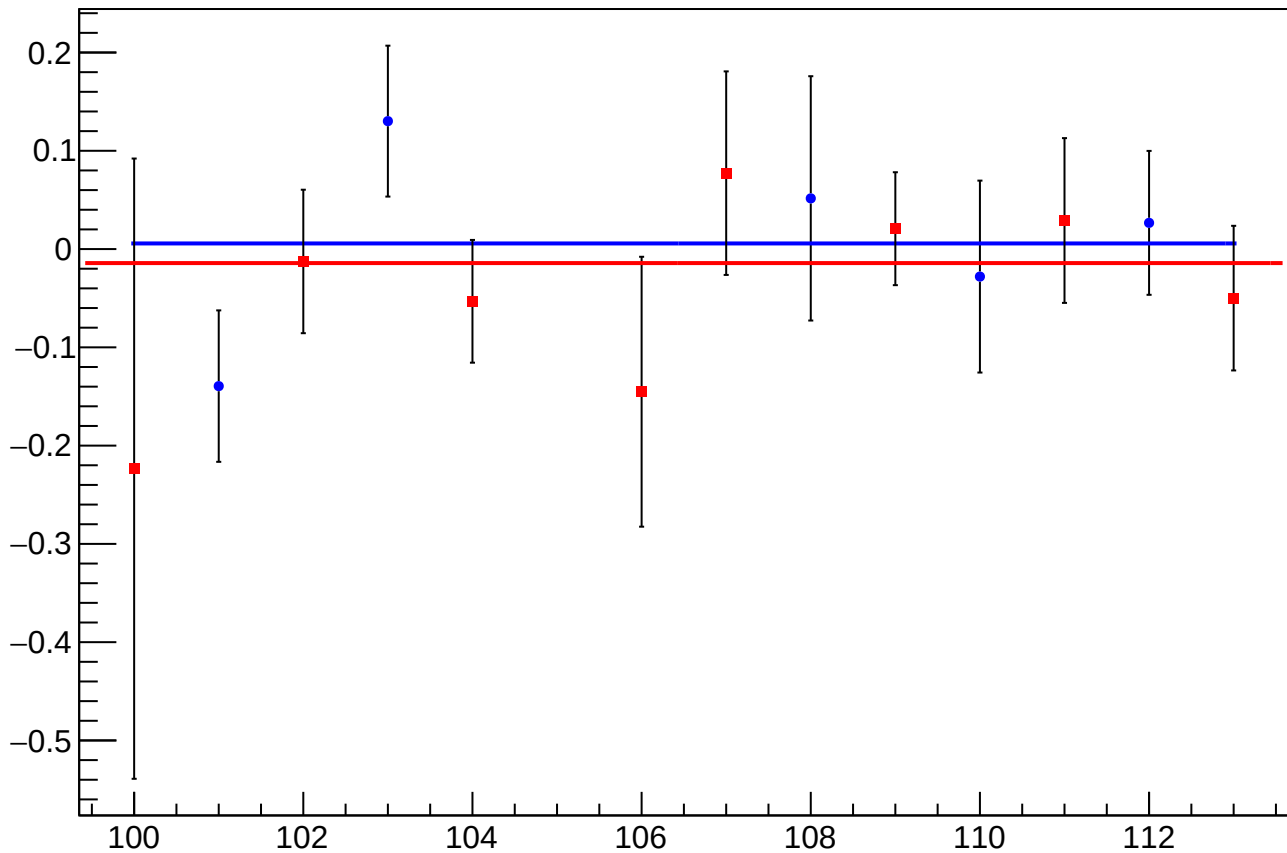
Right: 0.000+/-0.000 χ^2/NDF : 292441.2/12

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 : 292441.2/12

asym_sam_15_26_dd_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: -0.014+/-0.029 χ^2/NDF : 3.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

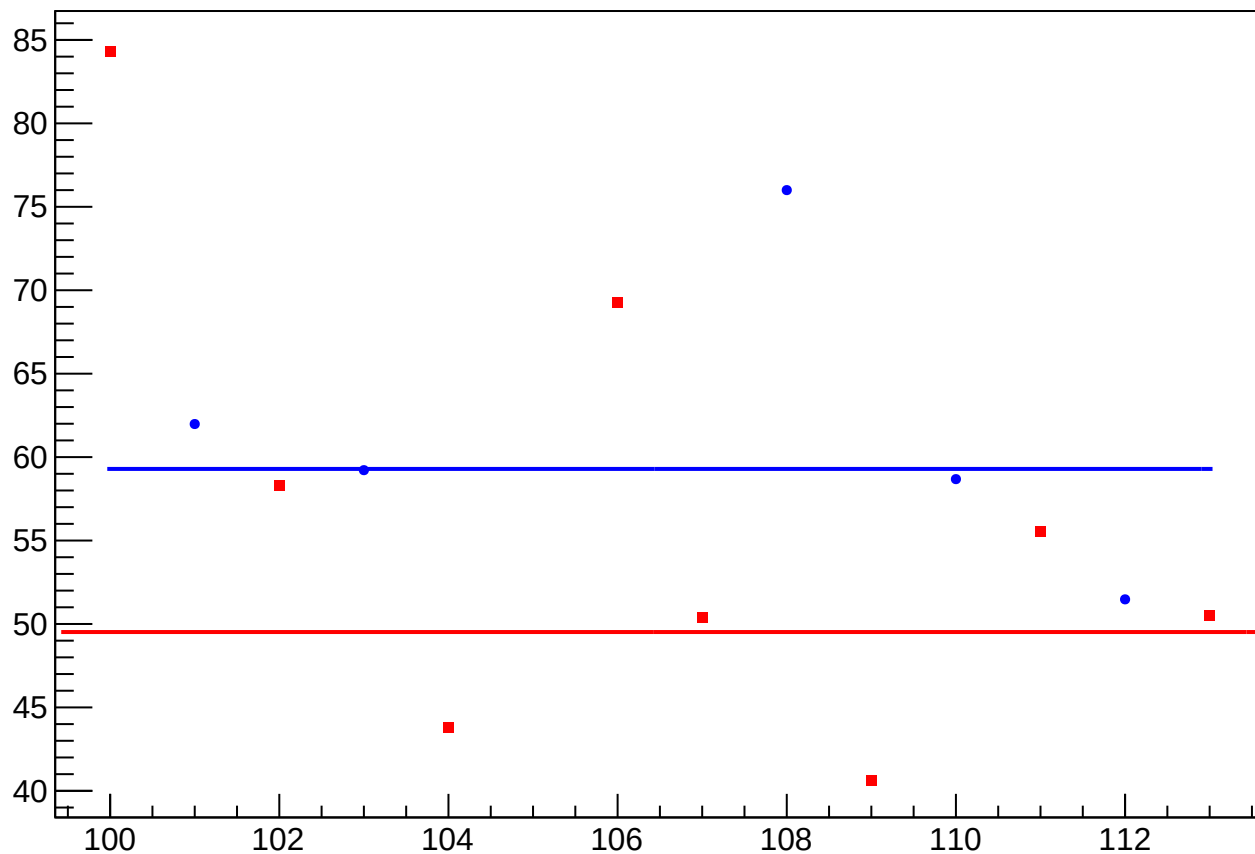
Right: -0.007+/-0.023 χ^2/NDF : 10.1/12

In: 0.006+/-0.038 χ^2/NDF : 6.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.023 χ^2/NDF : 10.1/12

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: 49.517 $\pm$ 0.020 χ^2 /NDF: 170059.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

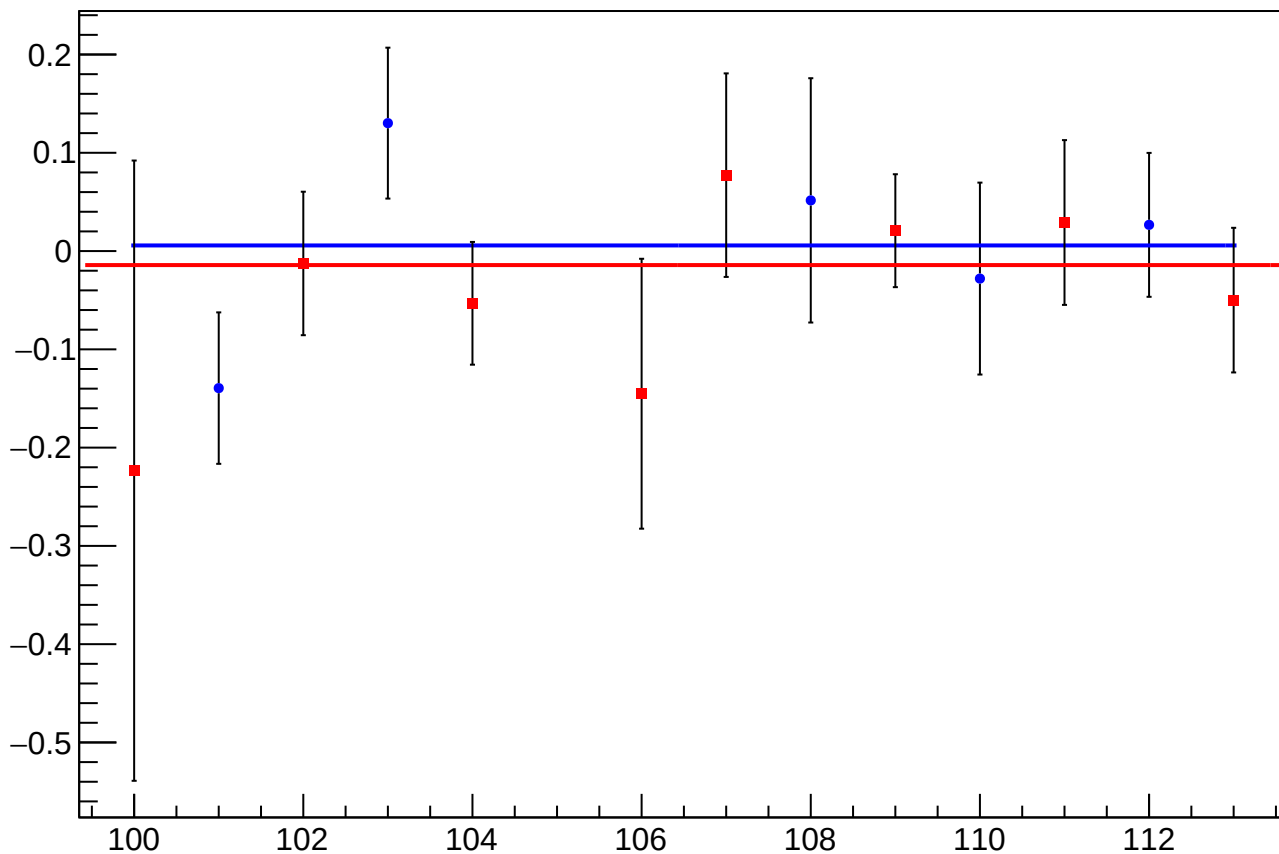
Right: 53.043 $\pm$ 0.016 χ^2 /NDF: 316312.3/12

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: 53.043 $\pm$ 0.016 χ^2 /NDF: 316312.3/12

asym_sam_15_26_dd_dit_vs_eigen_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: -0.014+/-0.029 χ^2/NDF : 3.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

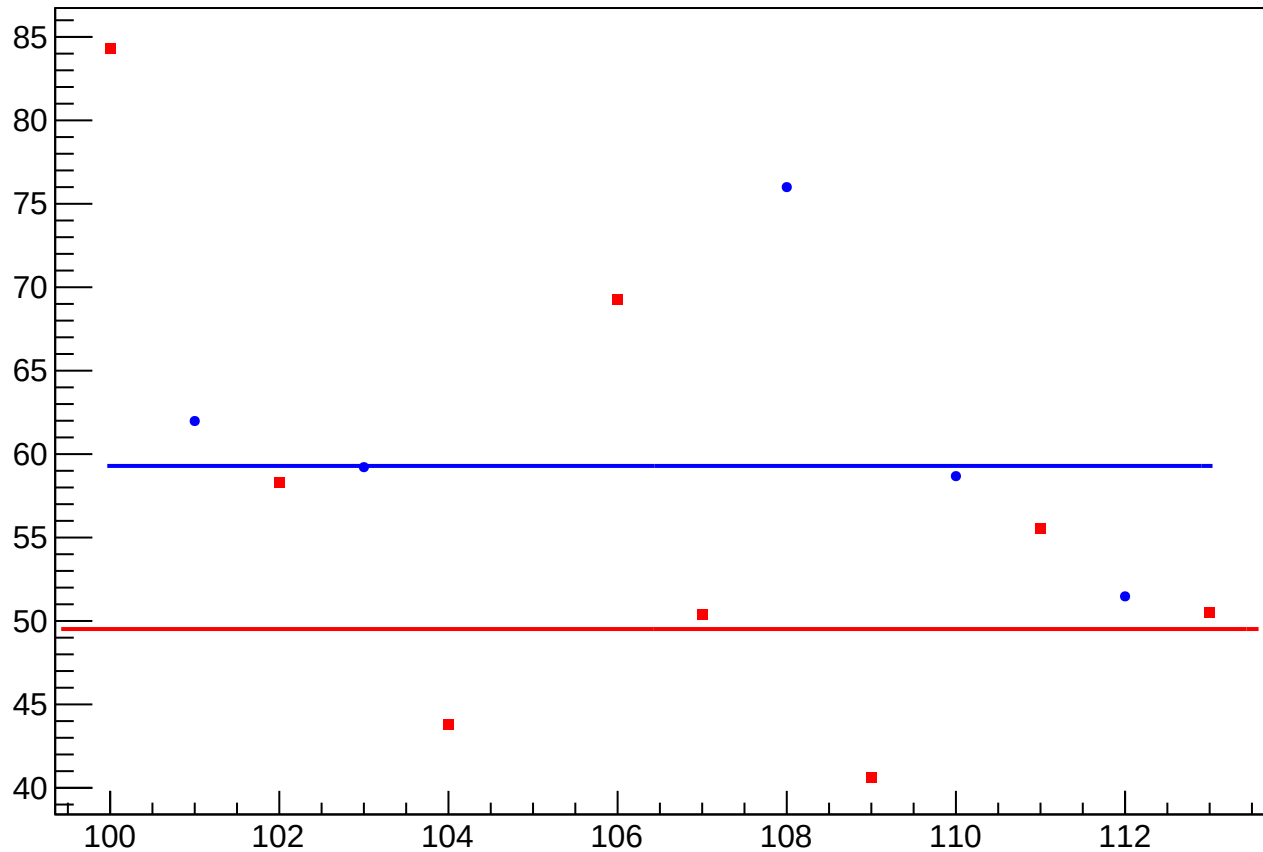
Right: -0.007+/-0.023 χ^2/NDF : 10.1/12

In: 0.006+/-0.038 χ^2/NDF : 6.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.023 χ^2/NDF : 10.1/12

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: 49.517+/-0.020 χ^2/NDF : 170059.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

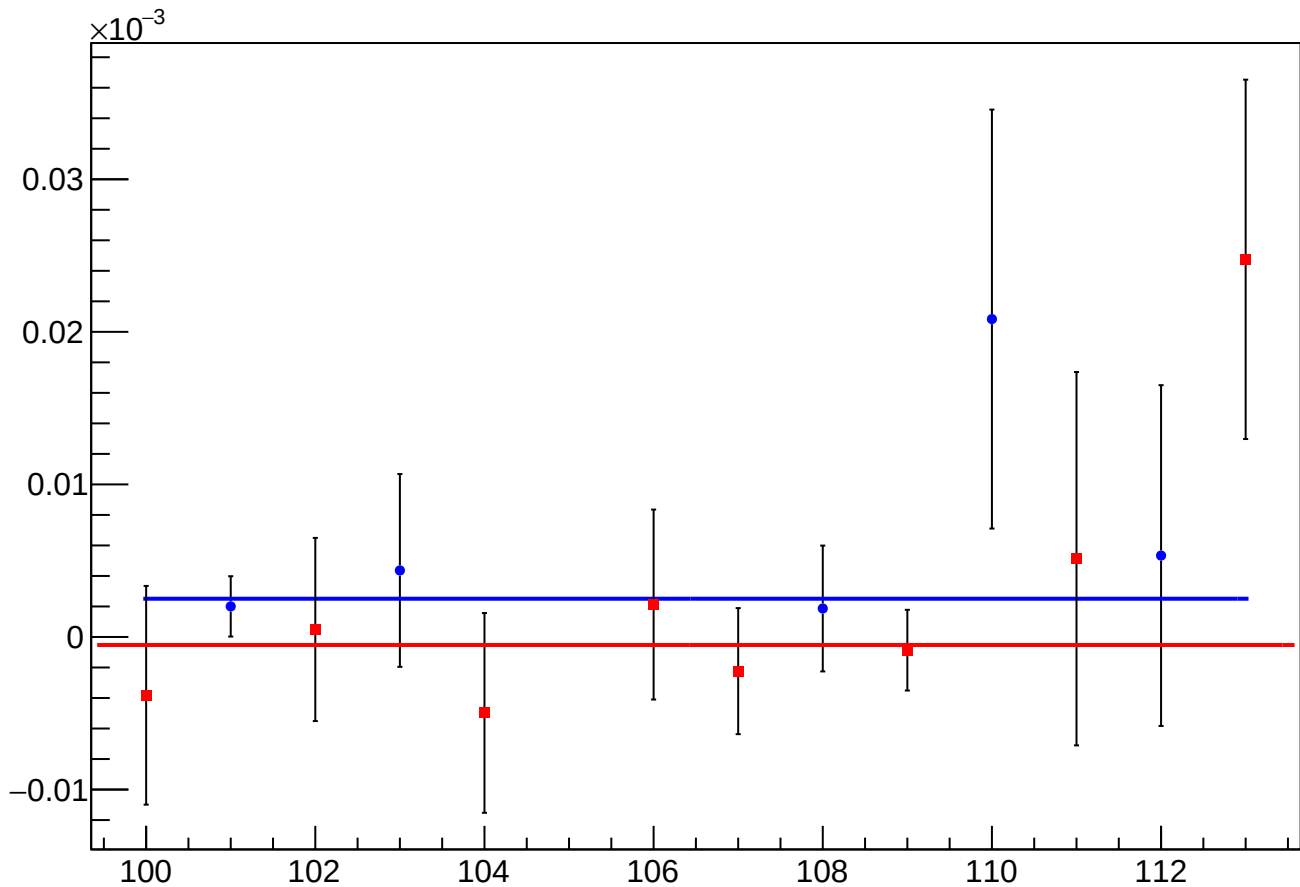
Right: 53.043+/-0.016 χ^2/NDF : 316312.3/12

In: 59.292+/-0.027 χ^2/NDF : 61448.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.043+/-0.016 χ^2/NDF : 316312.3/12

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 : 5.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

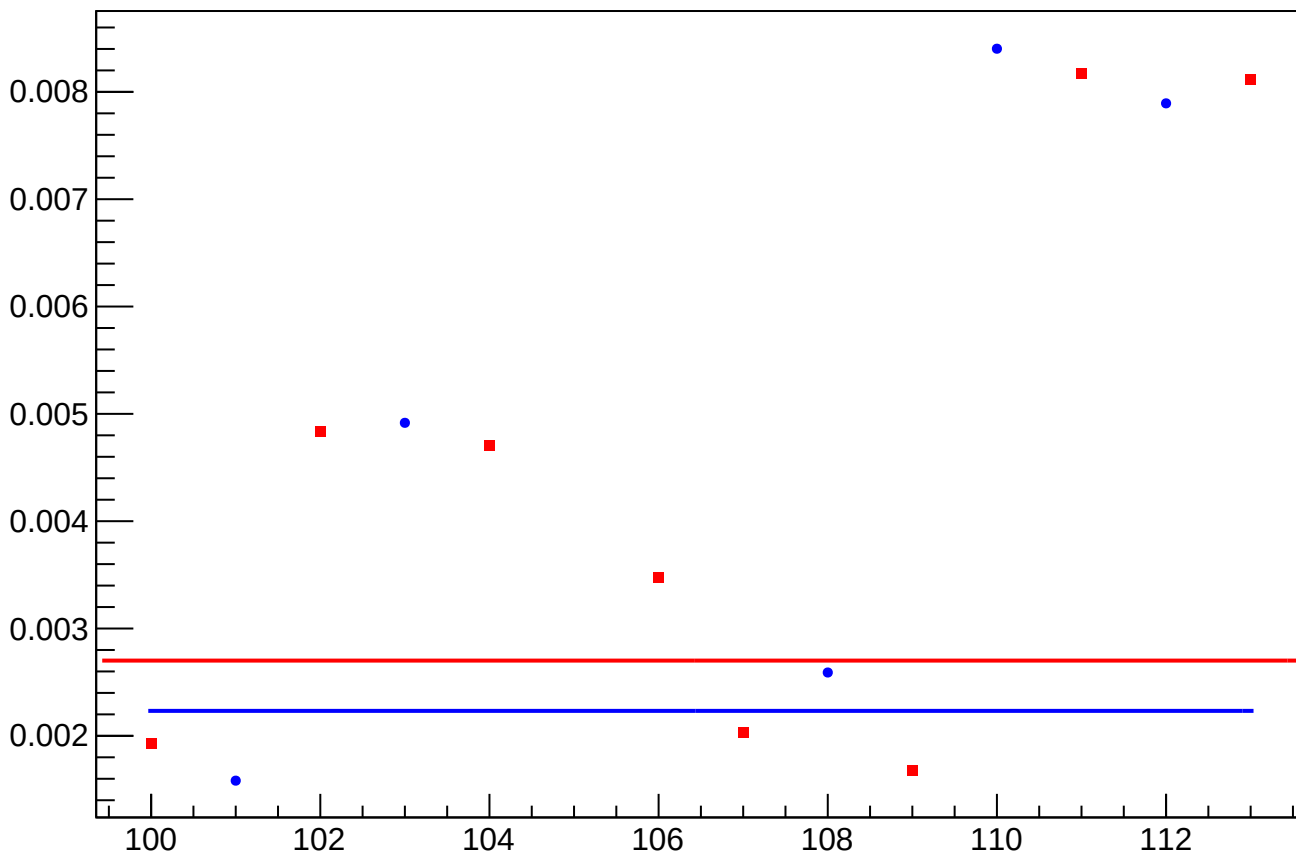
Right: 0.000+/-0.000 χ^2/NDF : 9.4/12

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 : 9.4/12

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 : 1670857.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

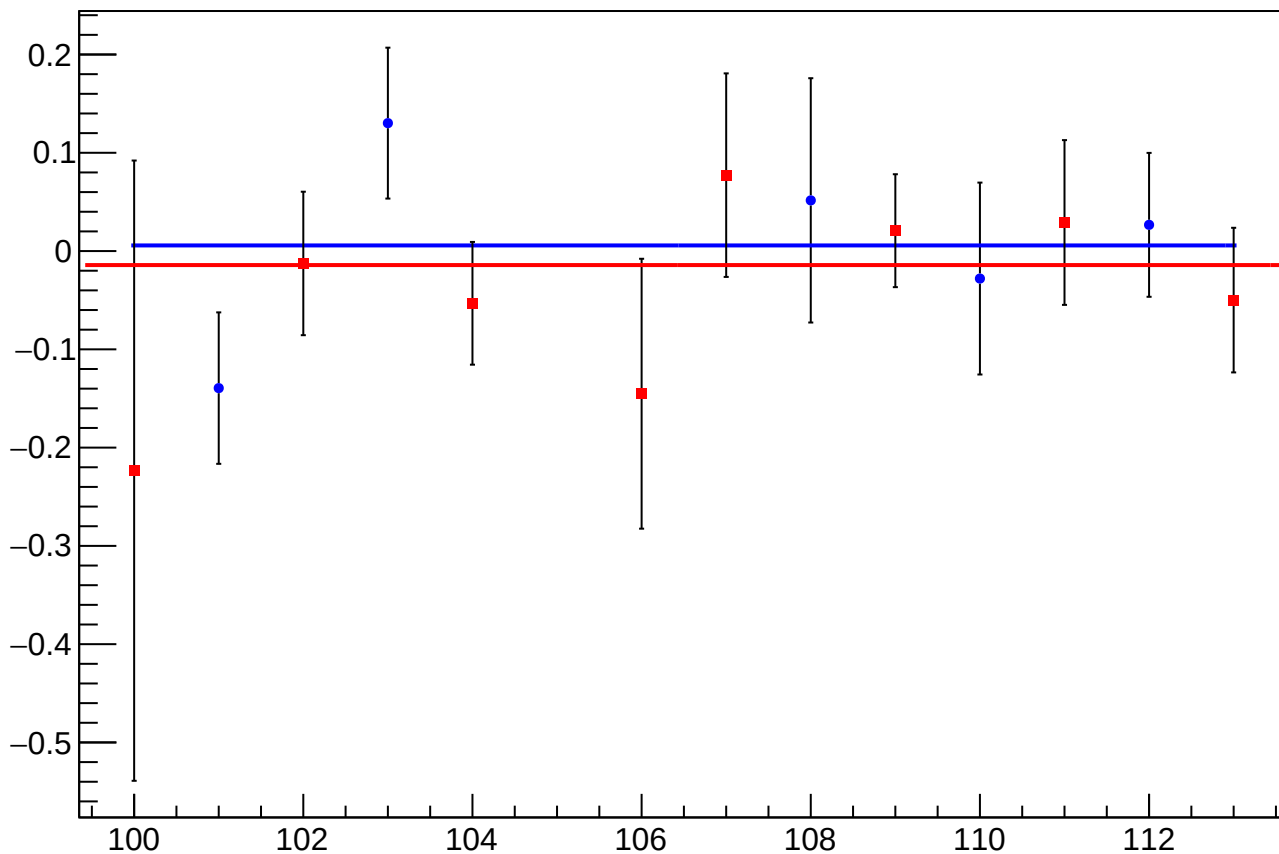
Right: 0.002+/-0.000 χ^2/NDF : 3253081.4/12

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 : 3253081.4/12

asym_sam_15_26_dd_eigen_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: -0.014 $\pm$ 0.029 χ^2 /NDF: 3.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

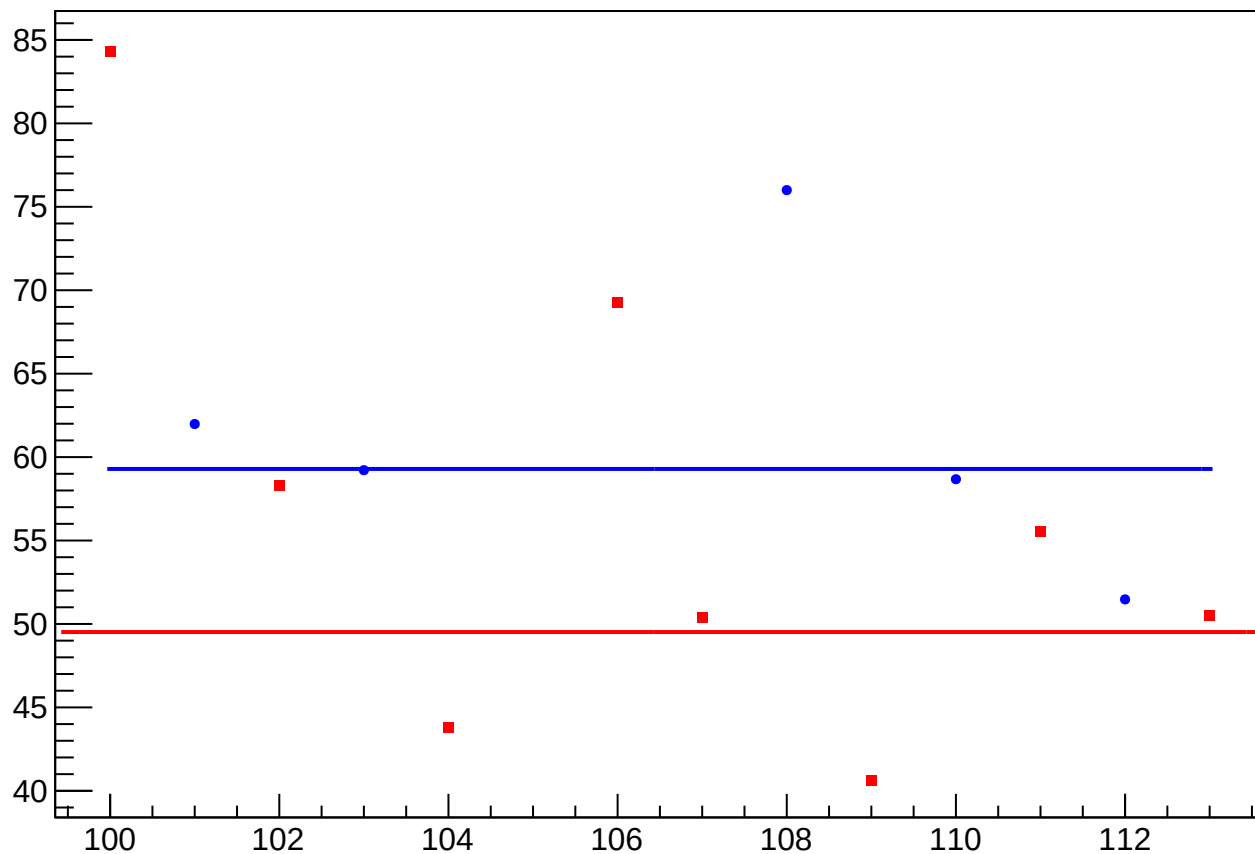
Right: -0.007 $\pm$ 0.023 χ^2 /NDF: 10.1/12

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: -0.007 $\pm$ 0.023 χ^2 /NDF: 10.1/12

asym_sam_15_26_dd_eigen_dit_vs_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: 49.516+/-0.020 χ^2/NDF : 170049.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

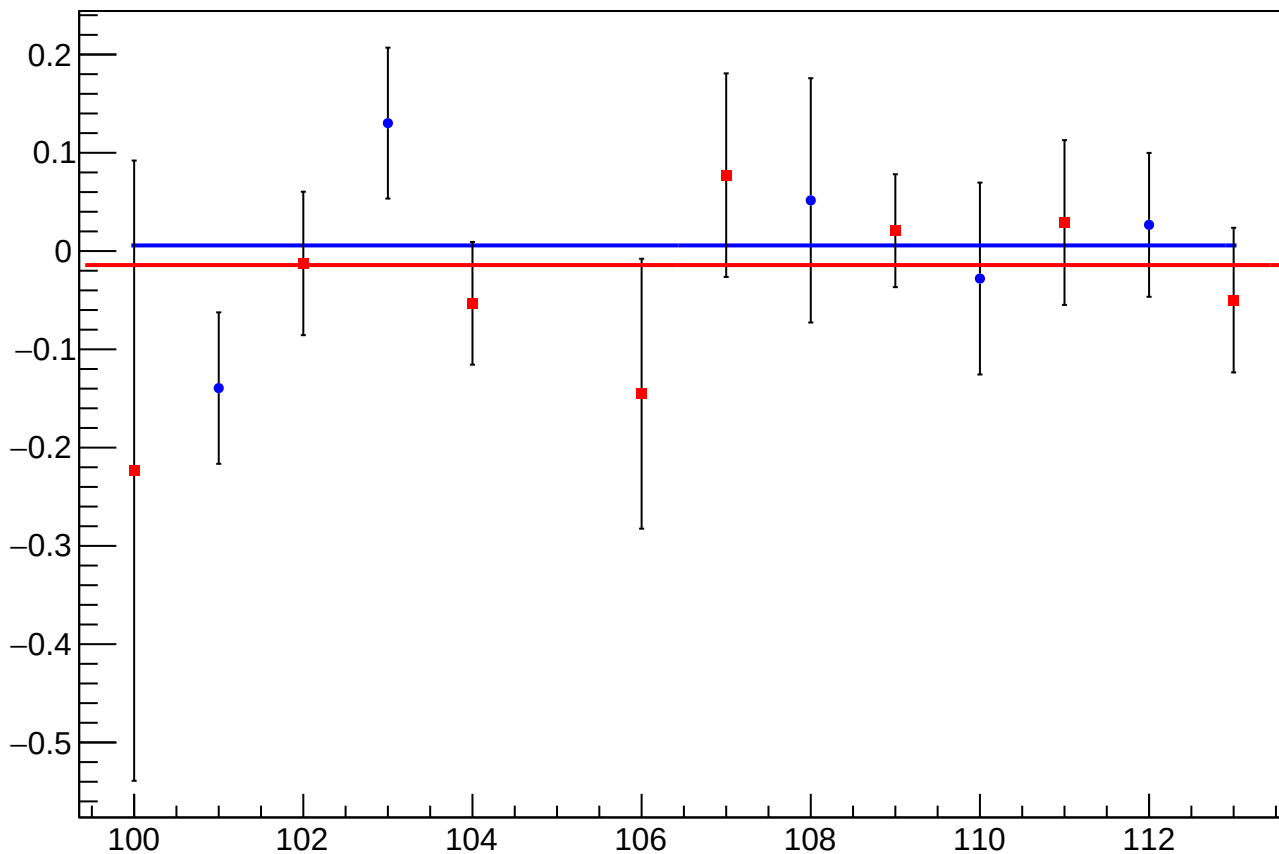
Right: 53.042+/-0.016 χ^2/NDF : 316315.0/12

In: 59.290+/-0.027 χ^2/NDF : 61469.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.042+/-0.016 χ^2/NDF : 316315.0/12

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: -0.014 $\pm$ 0.029 χ^2 /NDF: 3.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

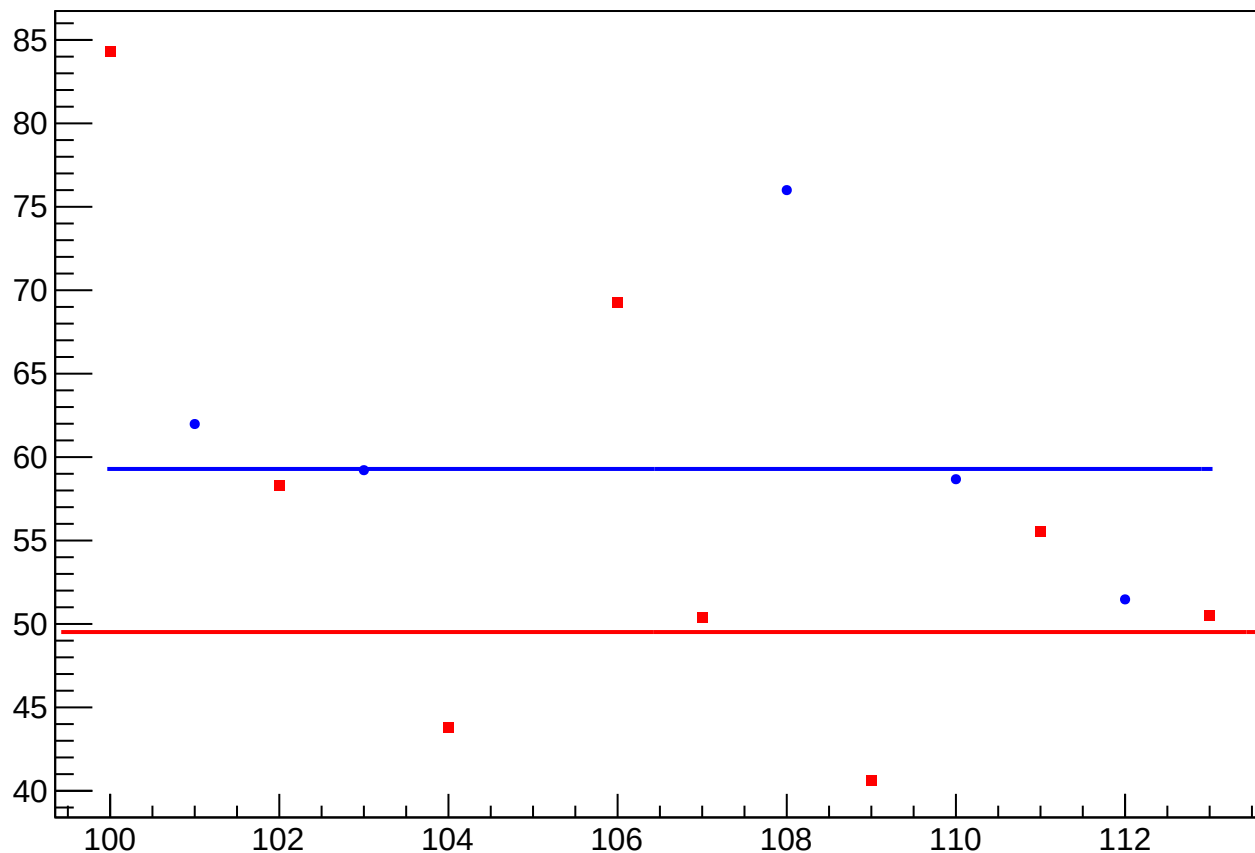
Right: -0.007 $\pm$ 0.023 χ^2 /NDF: 10.1/12

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: -0.007 $\pm$ 0.023 χ^2 /NDF: 10.1/12

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: 49.516+/-0.020 χ^2/NDF : 170049.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

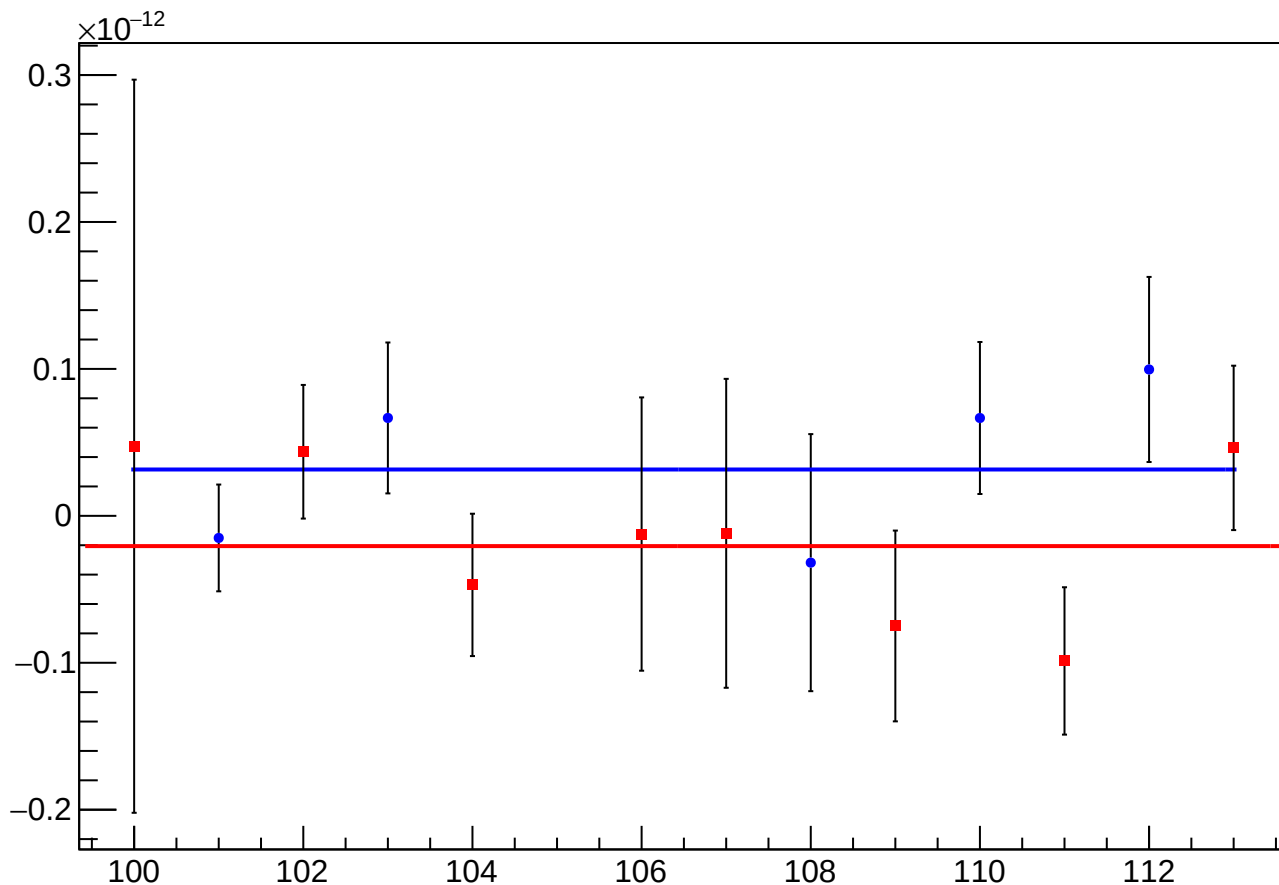
Right: 53.042+/-0.016 χ^2/NDF : 316315.0/12

In: 59.290+/-0.027 χ^2/NDF : 61469.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.042+/-0.016 χ^2/NDF : 316315.0/12

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 : 6.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

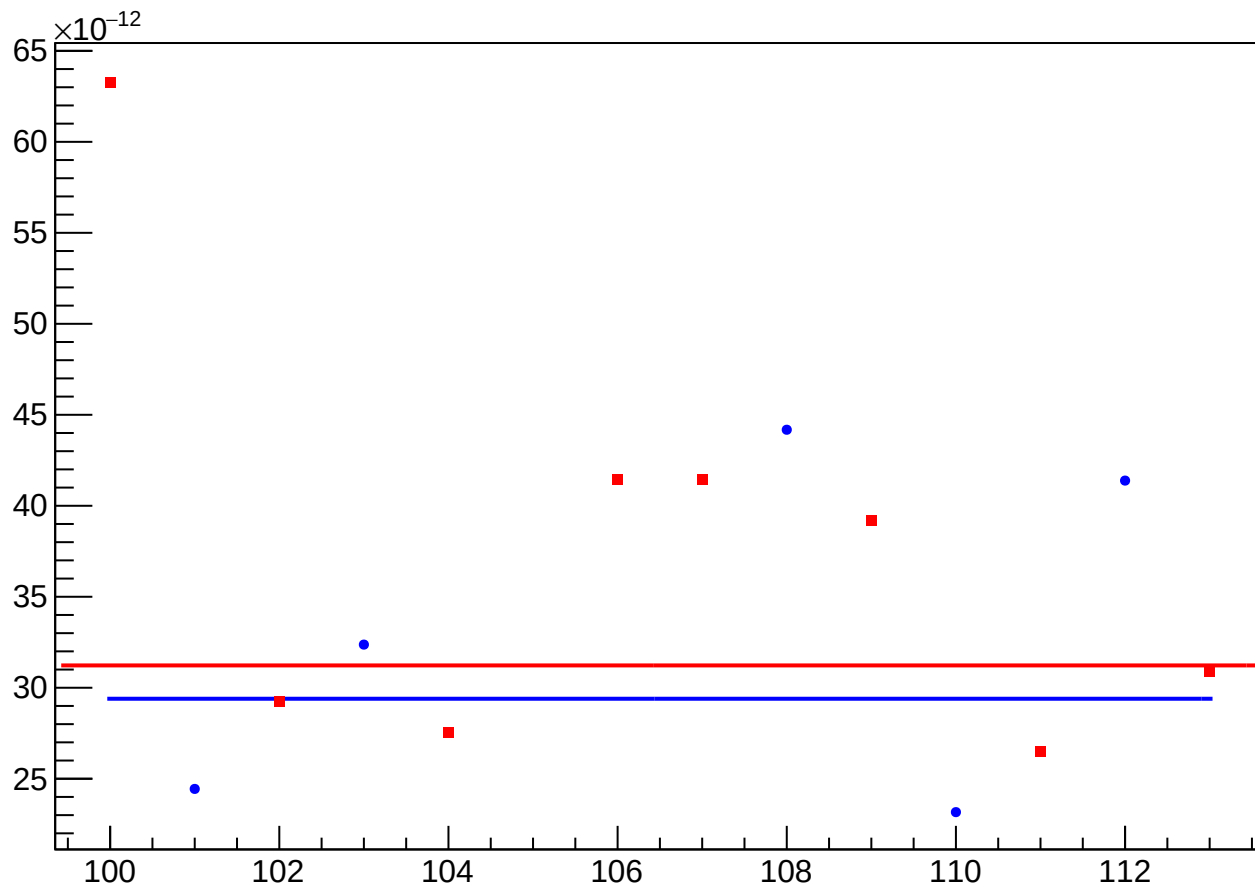
Right: 0.000+/-0.000 χ^2/NDF : 13.9/12

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 : 13.9/12

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 : 139227.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

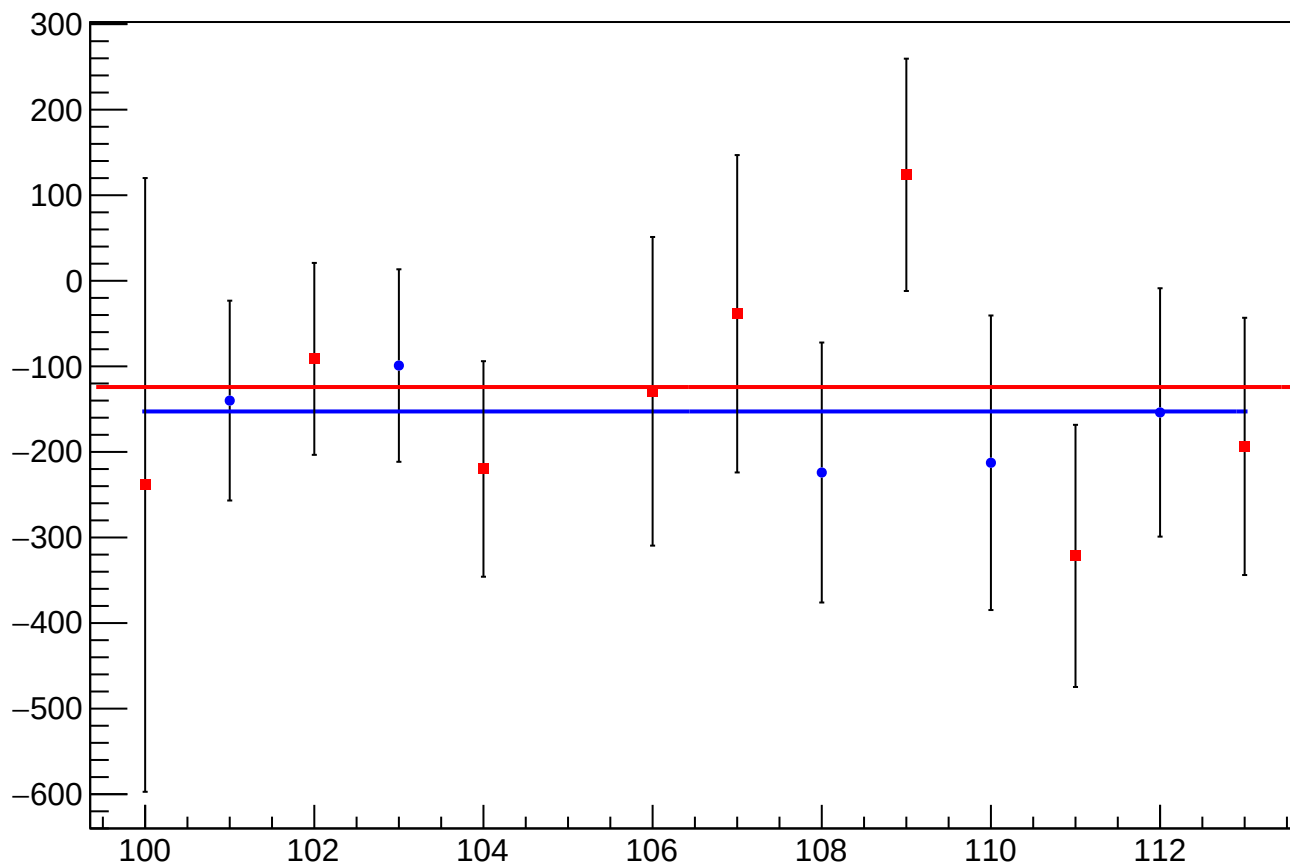
Right: 0.000+/-0.000 χ^2/NDF : 348388.5/12

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 : 348388.5/12

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: -124.153 $\pm$ 53.356 χ^2 /NDF: 6.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

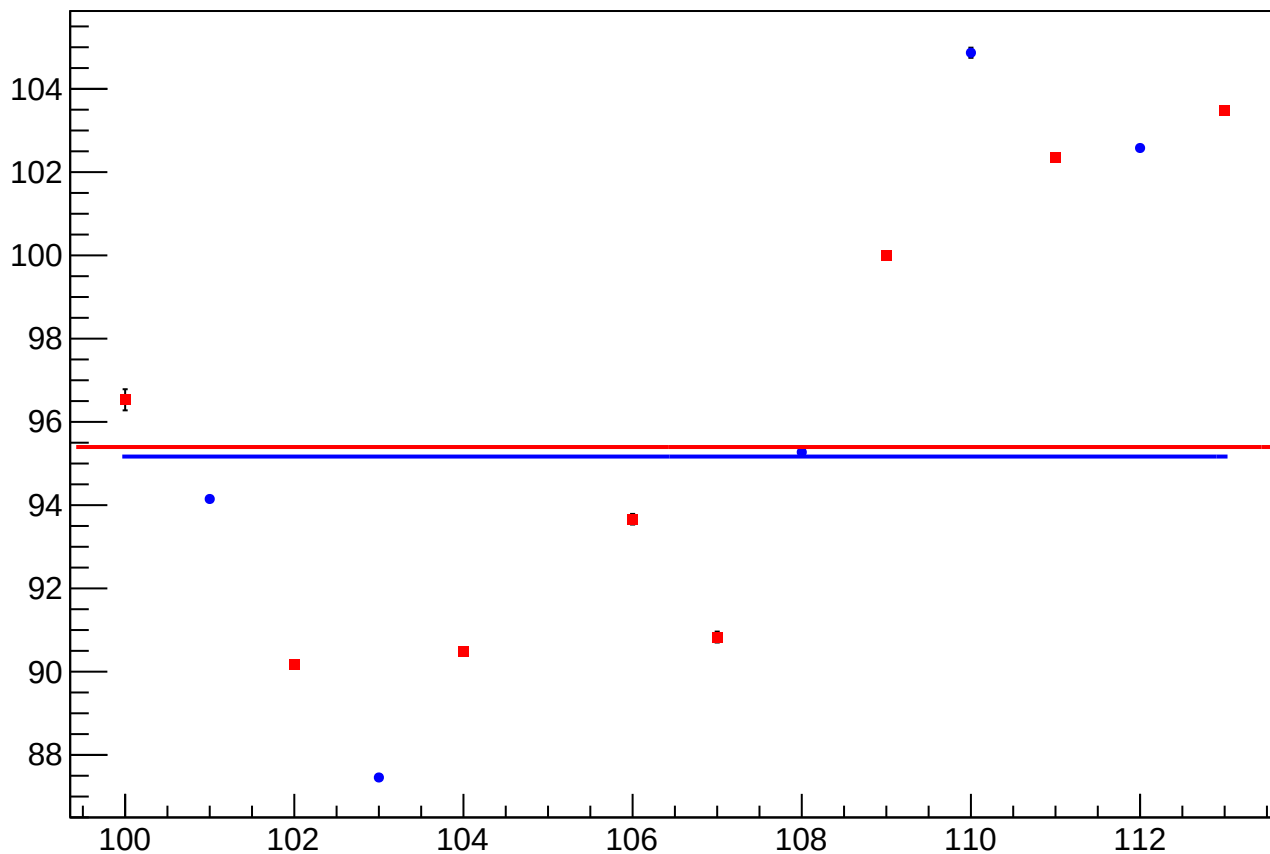
Right: -136.738 $\pm$ 39.899 χ^2 /NDF: 6.9/12

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: -136.738 $\pm$ 39.899 χ^2 /NDF: 6.9/12

reg_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 95.167 $\pm$ 0.042 χ^2 /NDF: 21115.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 95.397 $\pm$ 0.038 χ^2 /NDF: 21012.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

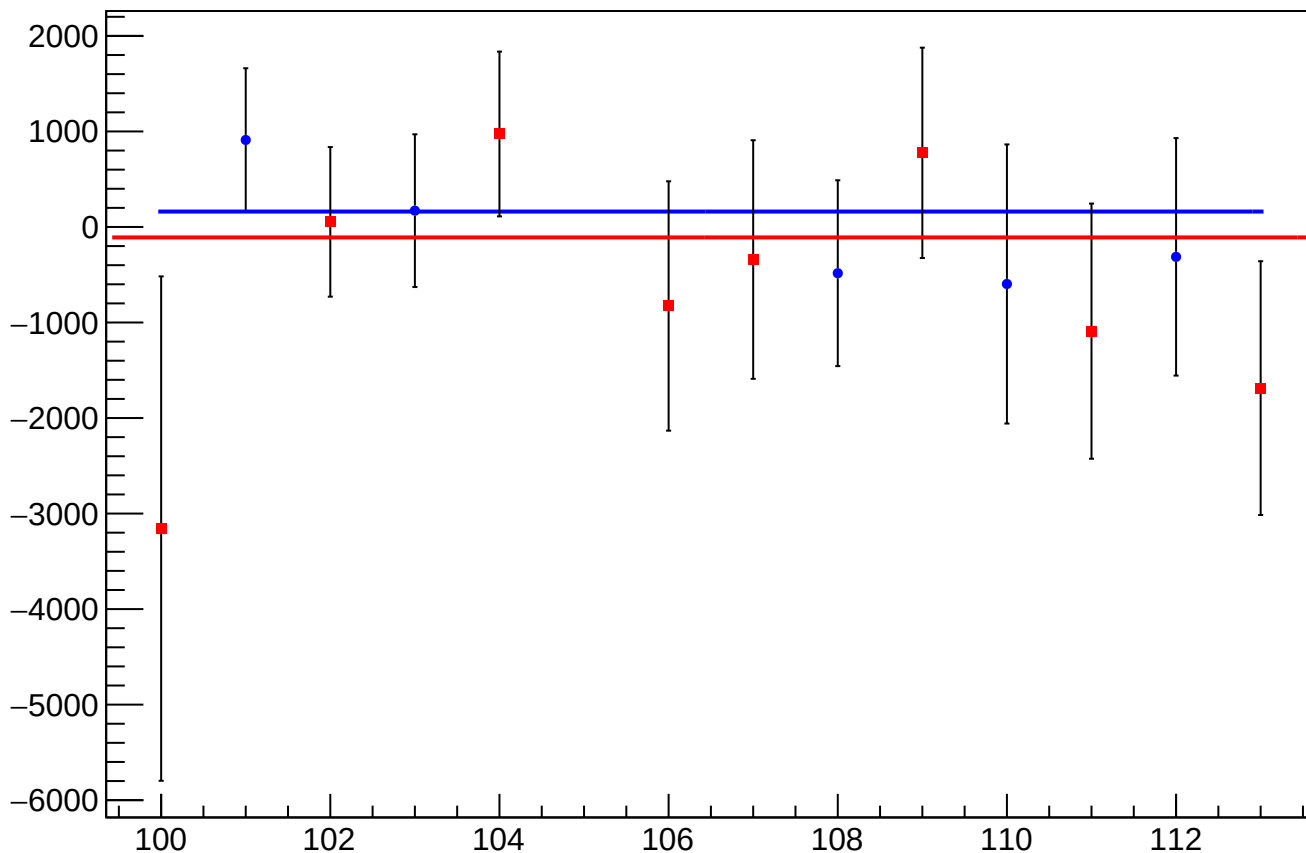
Right: 95.296 $\pm$ 0.028 χ^2 /NDF: 42144.5/12

In: 95.167 $\pm$ 0.042 χ^2 /NDF:21115.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 95.296 $\pm$ 0.028 χ^2 /NDF: 42144.5/12

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: -109.374+/-398.409 χ^2/NDF : 5.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

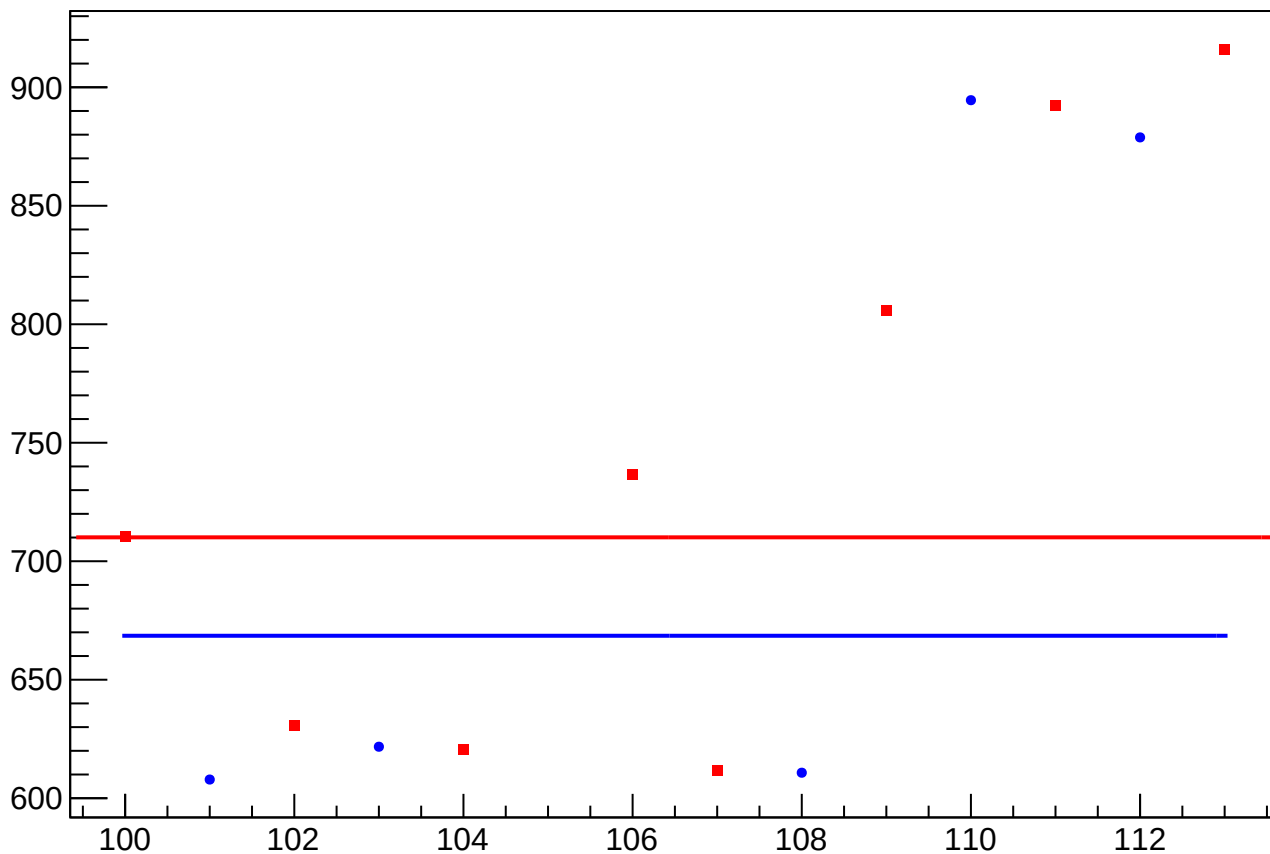
Right: 17.003+/-290.963 χ^2/NDF : 8.0/12

In: 161.448+/-425.937 χ^2/NDF : 1.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.003+/-290.963 χ^2/NDF : 8.0/12

asym_sam_37_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 668.552 $\pm$ 0.301 χ^2 /NDF: 132103.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 710.084 $\pm$ 0.282 χ^2 /NDF: 155933.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

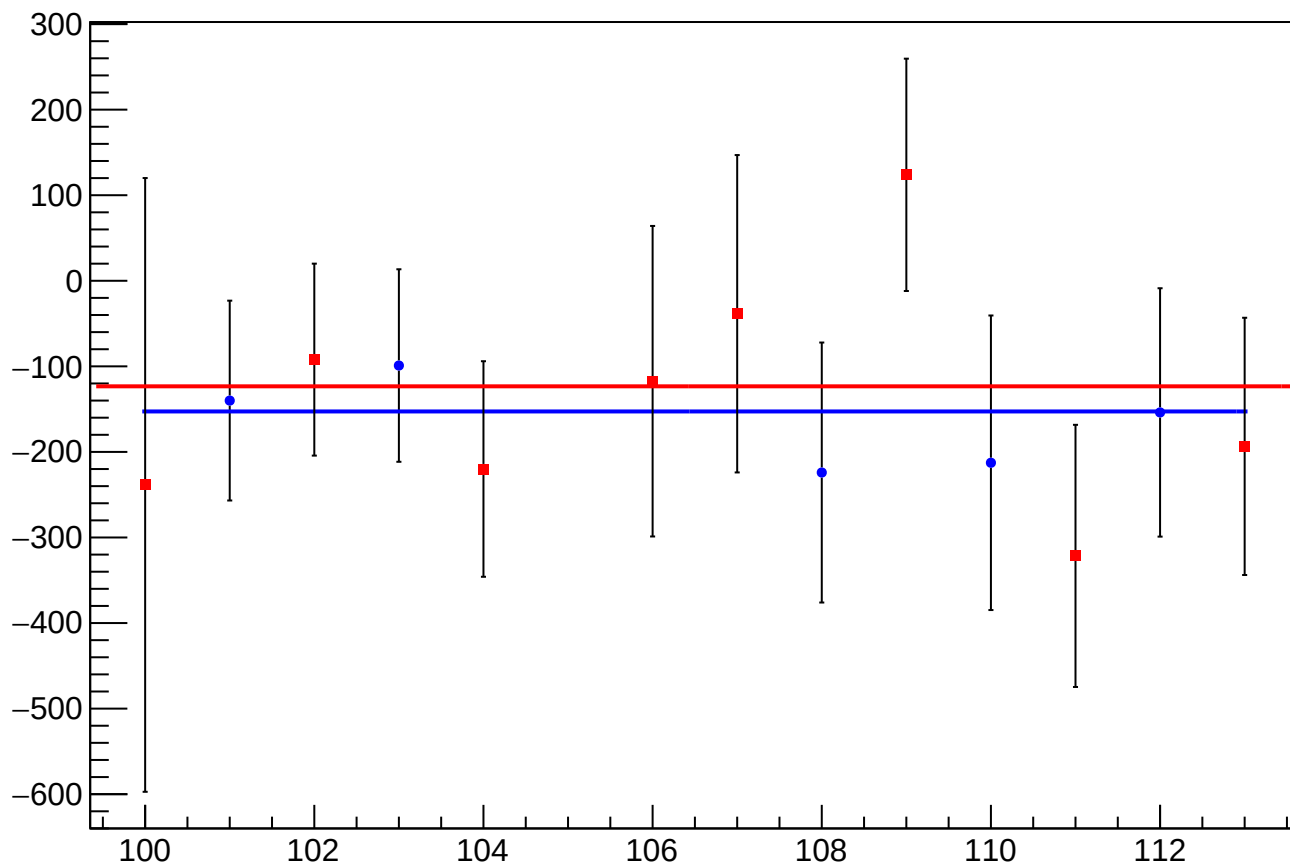
Right: 690.703 $\pm$ 0.206 χ^2 /NDF: 298179.0/12

In: 668.552 $\pm$ 0.301 χ^2 /NDF:132103.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 690.703 $\pm$ 0.206 χ^2 /NDF: 298179.0/12

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: -123.344 $\pm$ 53.386 χ^2 /NDF: 6.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

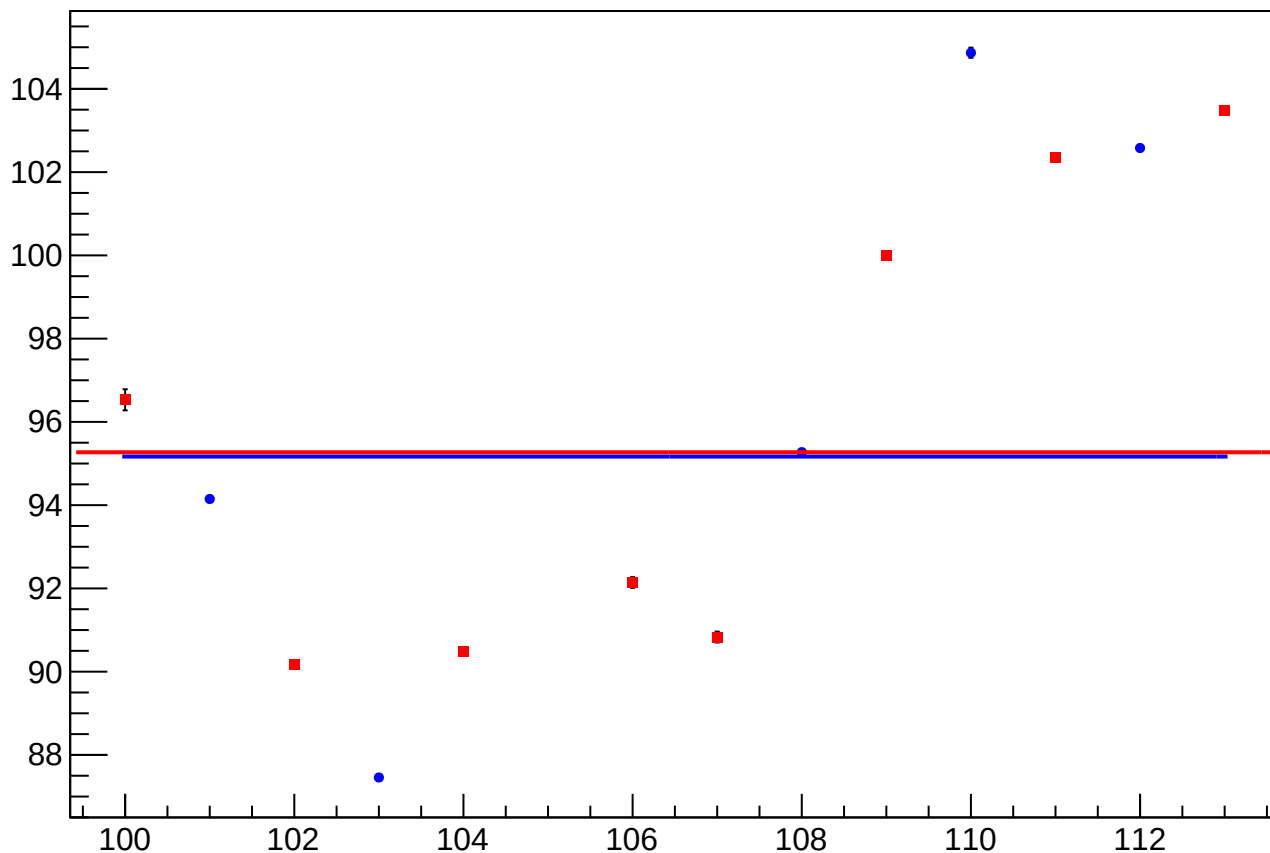
Right: -136.296 $\pm$ 39.912 χ^2 /NDF: 6.9/12

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: -136.296 $\pm$ 39.912 χ^2 /NDF: 6.9/12

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: 95.271+/-0.038 χ^2/NDF : 21433.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

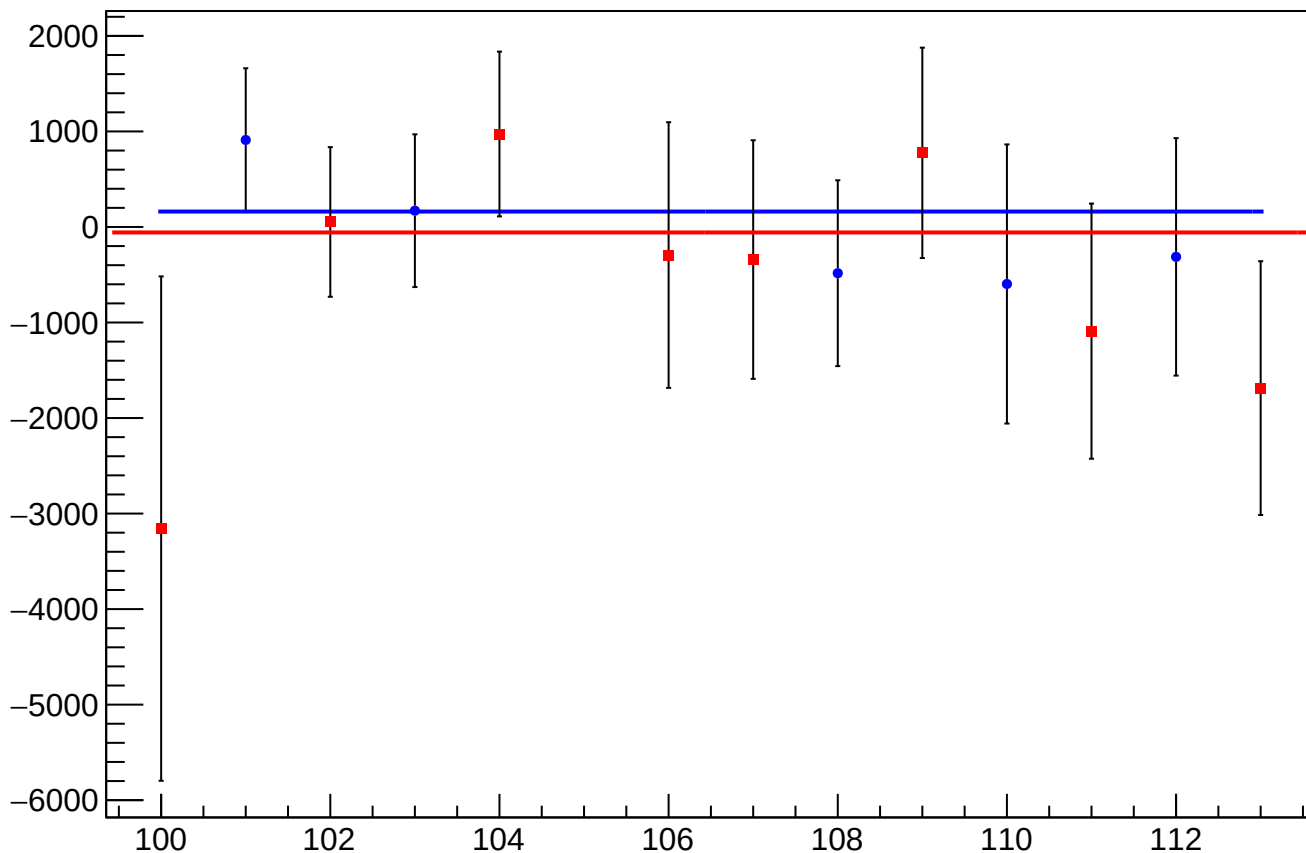
Right: 95.225+/-0.028 χ^2/NDF : 42551.9/12

In: 95.167+/-0.042 χ^2/NDF : 21115.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.225+/-0.028 χ^2/NDF : 42551.9/12

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: -57.336+/-400.679 χ^2/NDF : 5.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

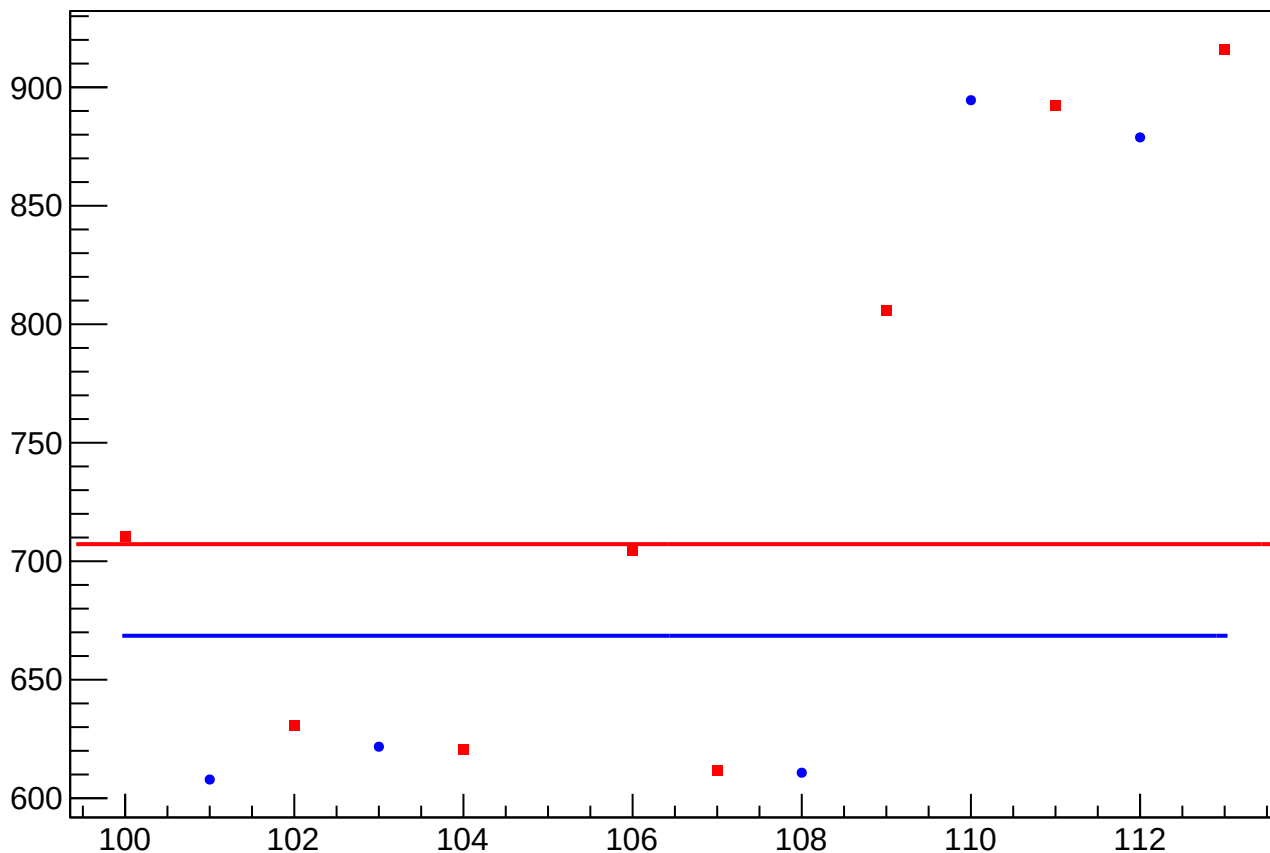
Right: 45.360+/-291.845 χ^2/NDF : 7.6/12

In: 161.411+/-425.939 χ^2/NDF : 1.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.360+/-291.845 χ^2/NDF : 7.6/12

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: 707.213+/-0.283 χ^2/NDF : 154897.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

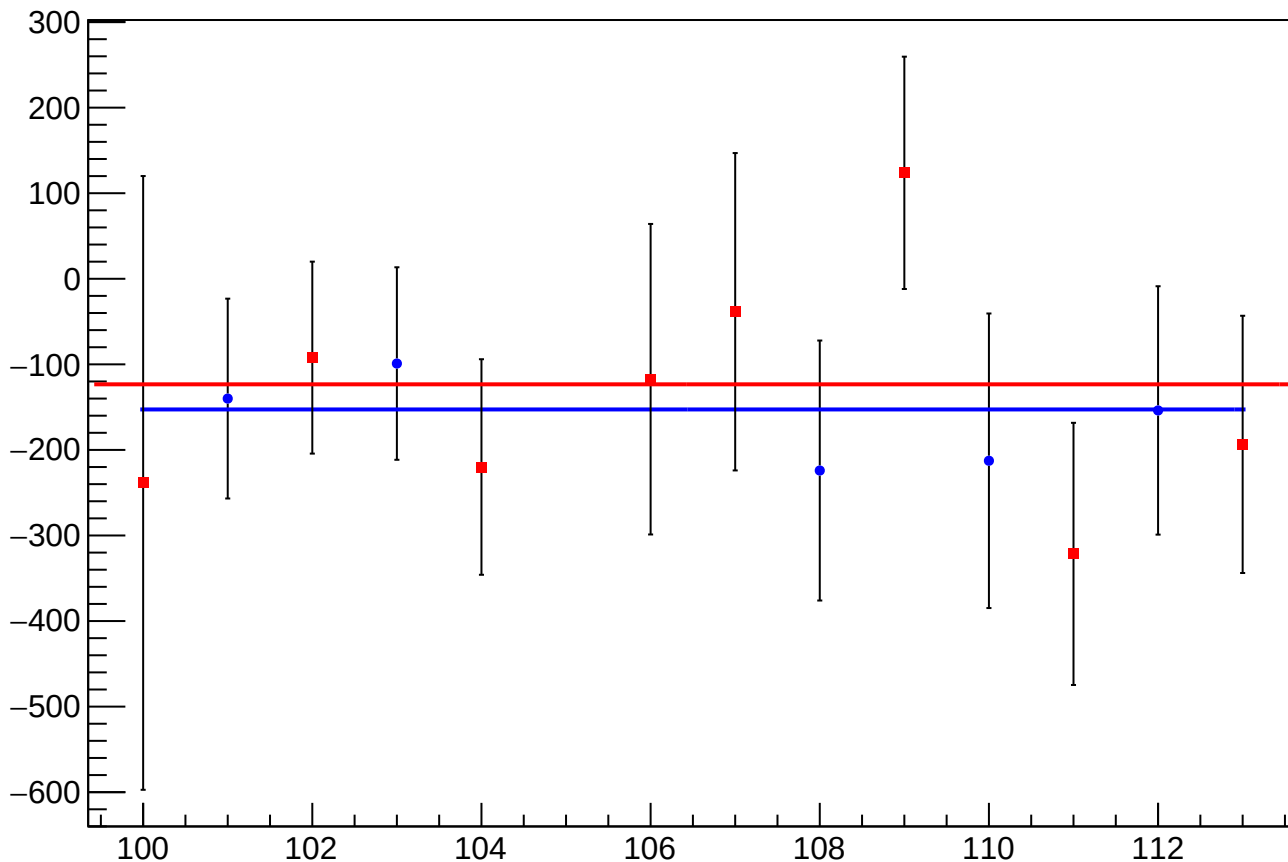
Right: 689.065+/-0.206 χ^2/NDF : 295737.2/12

In: 668.556+/-0.301 χ^2/NDF : 132099.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 689.065+/-0.206 χ^2/NDF : 295737.2/12

eigen_cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -152.708+/-60.094 χ^2/NDF : 0.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -123.344+/-53.386 χ^2/NDF : 6.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

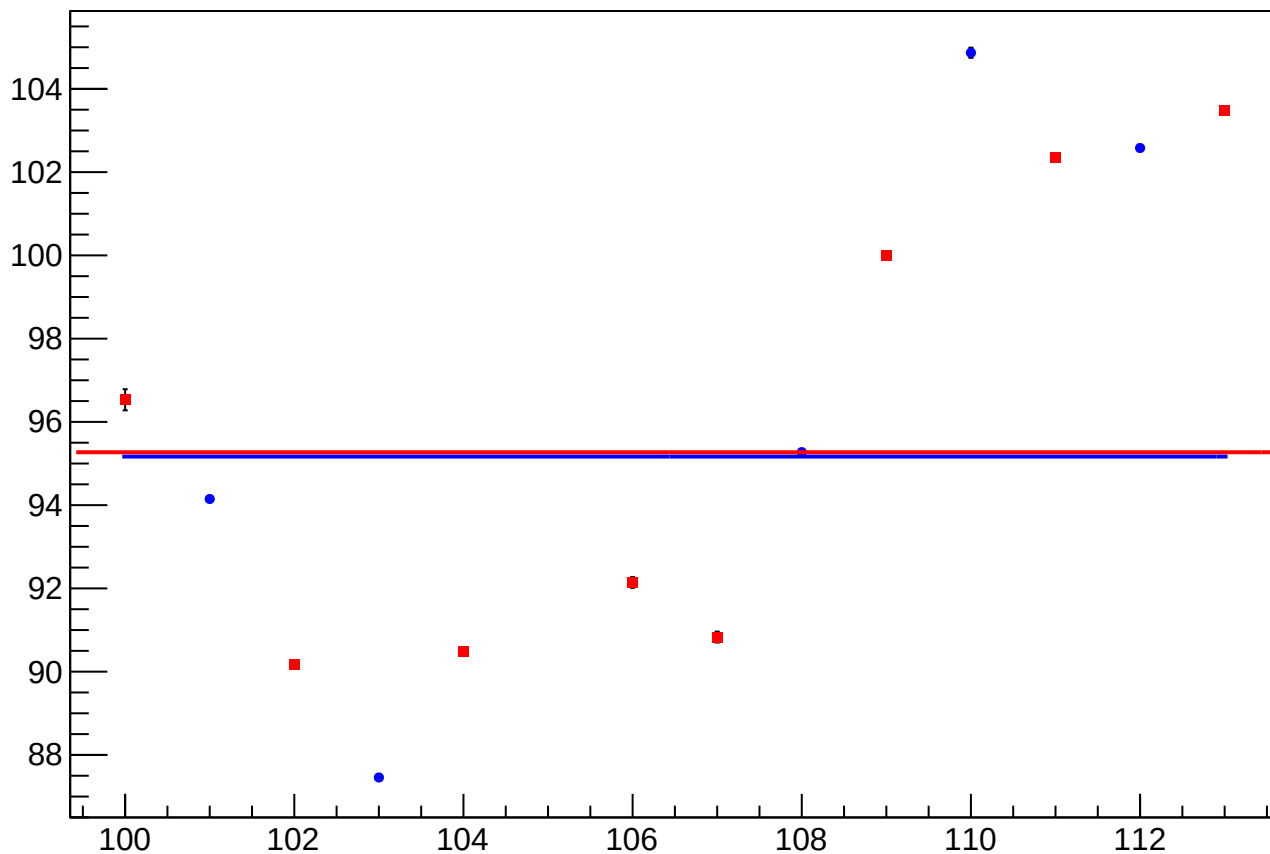
Right: -136.296+/-39.912 χ^2/NDF : 6.9/12

In: -152.708+/-60.094 χ^2/NDF : 0.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -136.296+/-39.912 χ^2/NDF : 6.9/12

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: 95.271 $\pm$ 0.038 χ^2 /NDF: 21433.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

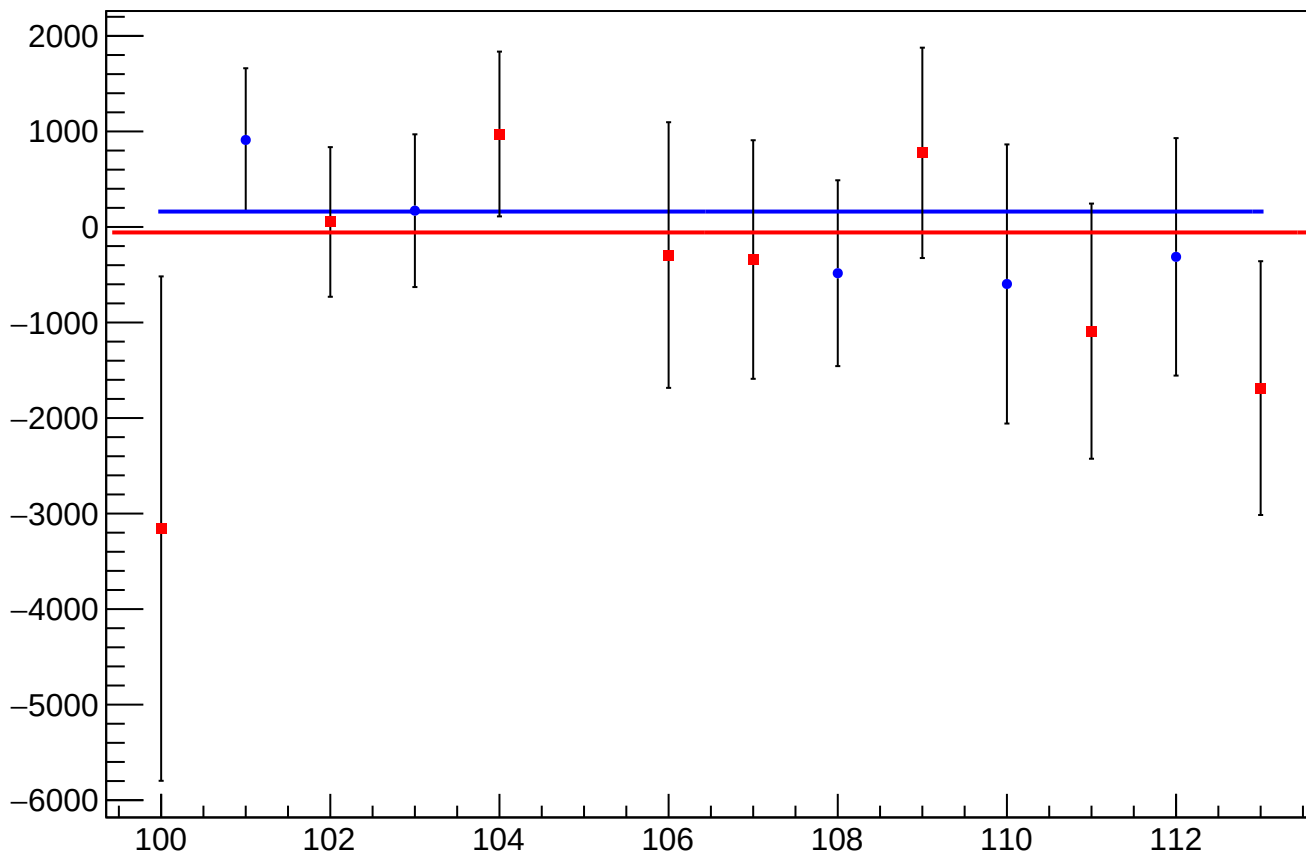
Right: 95.225 $\pm$ 0.028 χ^2 /NDF: 42551.9/12

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: 95.225 $\pm$ 0.028 χ^2 /NDF: 42551.9/12

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: -57.336+/-400.679 χ^2/NDF : 5.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

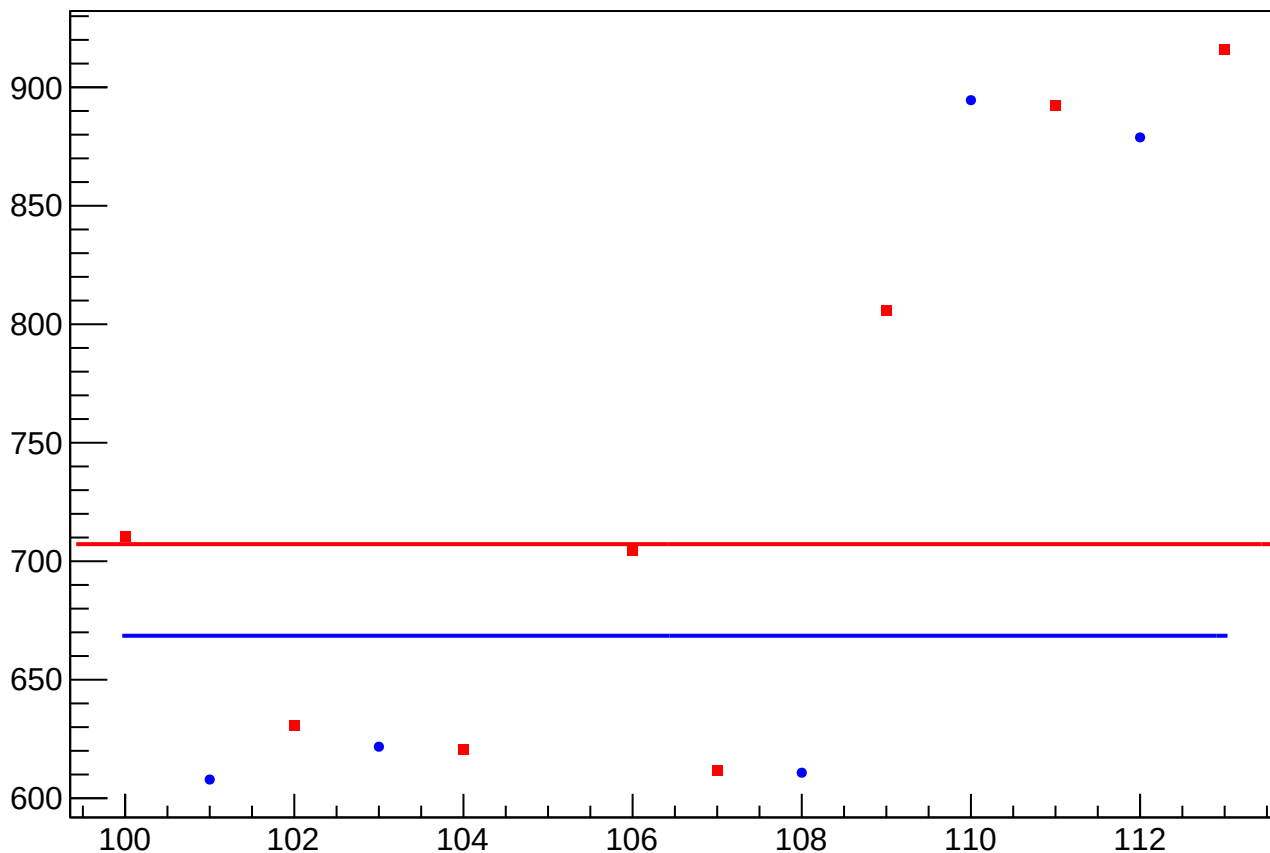
Right: 45.360+/-291.845 χ^2/NDF : 7.6/12

In: 161.411+/-425.939 χ^2/NDF : 1.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.360+/-291.845 χ^2/NDF : 7.6/12

asym_sam_37_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 668.556 $\pm$ 0.301 χ^2 /NDF: 132099.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 707.213 $\pm$ 0.283 χ^2 /NDF: 154897.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

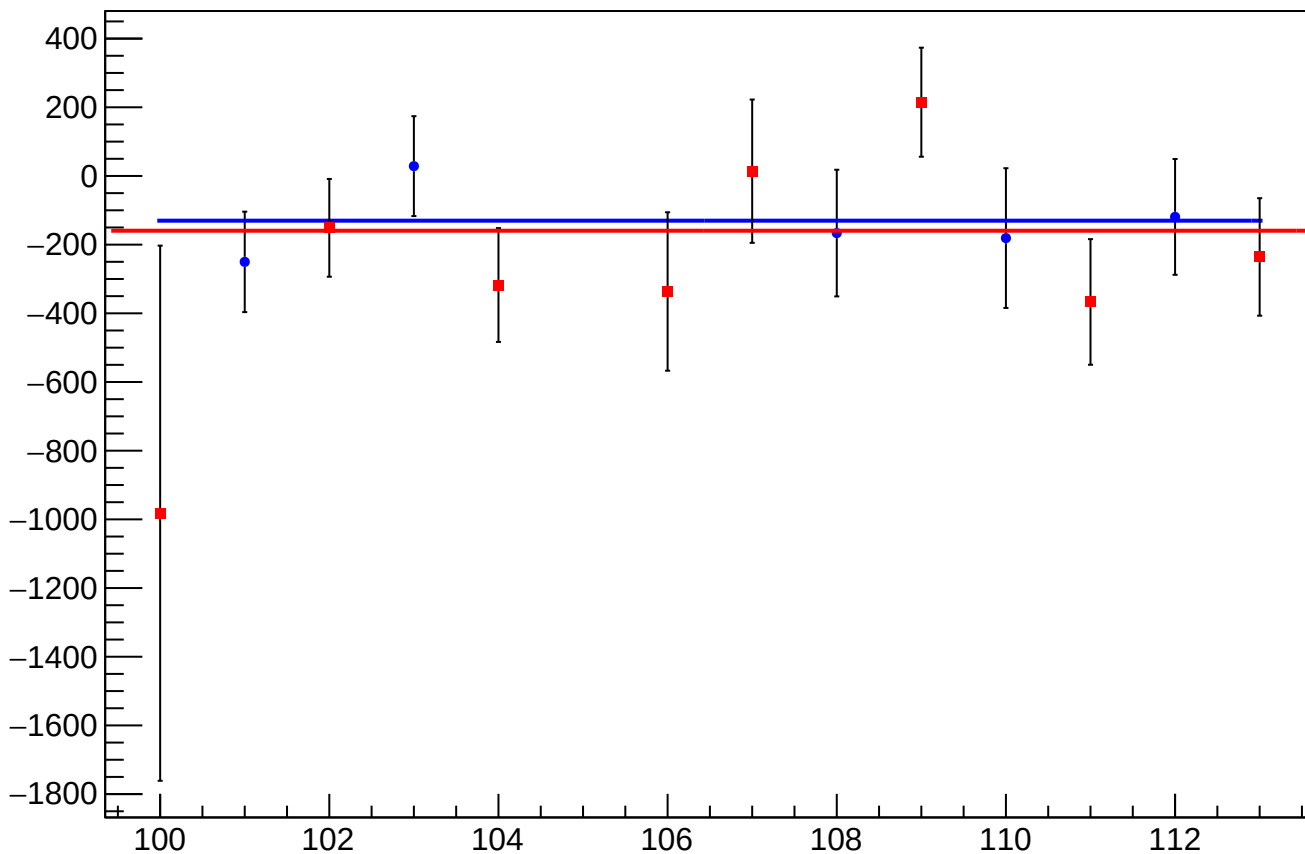
Right: 689.065 $\pm$ 0.206 χ^2 /NDF: 295737.2/12

In: 668.556 $\pm$ 0.301 χ^2 /NDF:132099.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 689.065 $\pm$ 0.206 χ^2 /NDF: 295737.2/12

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -130.227 ± 73.973 χ^2/NDF : 2.0/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -159.468 ± 65.529 χ^2/NDF : 10.3/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

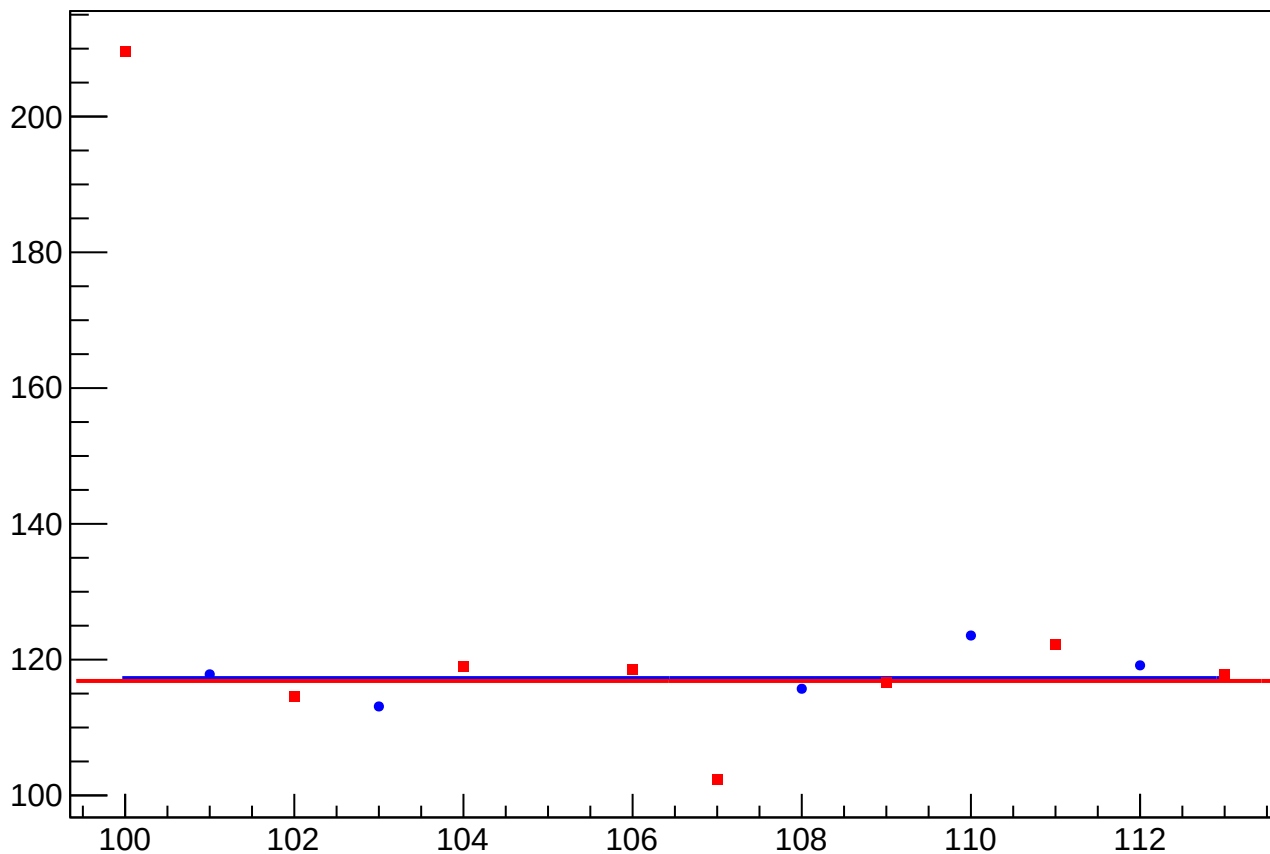
Right: -146.611 ± 49.051 χ^2/NDF : 12.4/12

In: -130.227 ± 73.973 χ^2/NDF : 2.0/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -146.611 ± 49.051 χ^2/NDF : 12.4/12

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 117.280+/-0.052 χ^2/NDF : 3970.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 116.860+/-0.046 χ^2/NDF : 40805.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

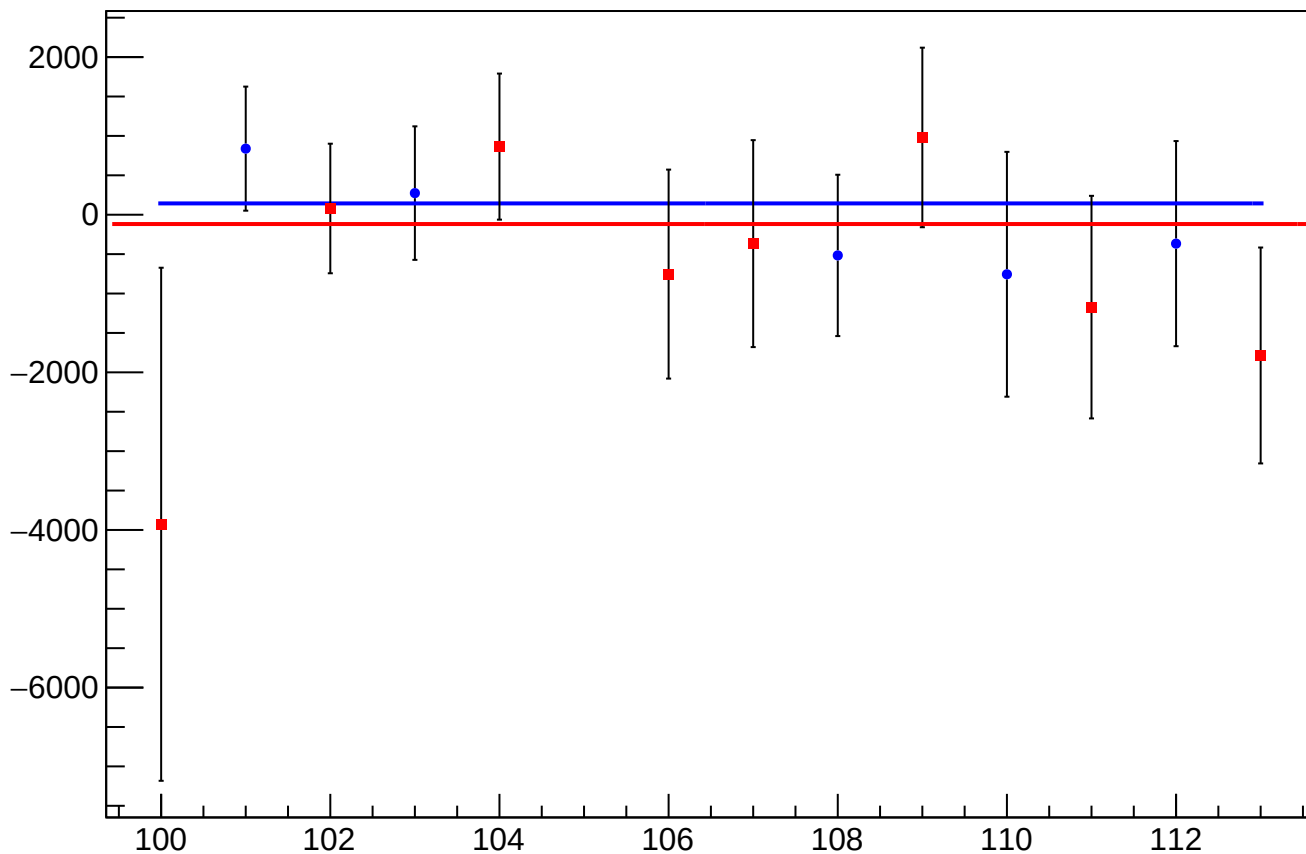
Right: 117.044+/-0.035 χ^2/NDF : 44812.4/12

In: 117.280+/-0.052 χ^2/NDF : 3970.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.044+/-0.035 χ^2/NDF : 44812.4/12

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: -118.217+/-419.142 χ^2/NDF : 5.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

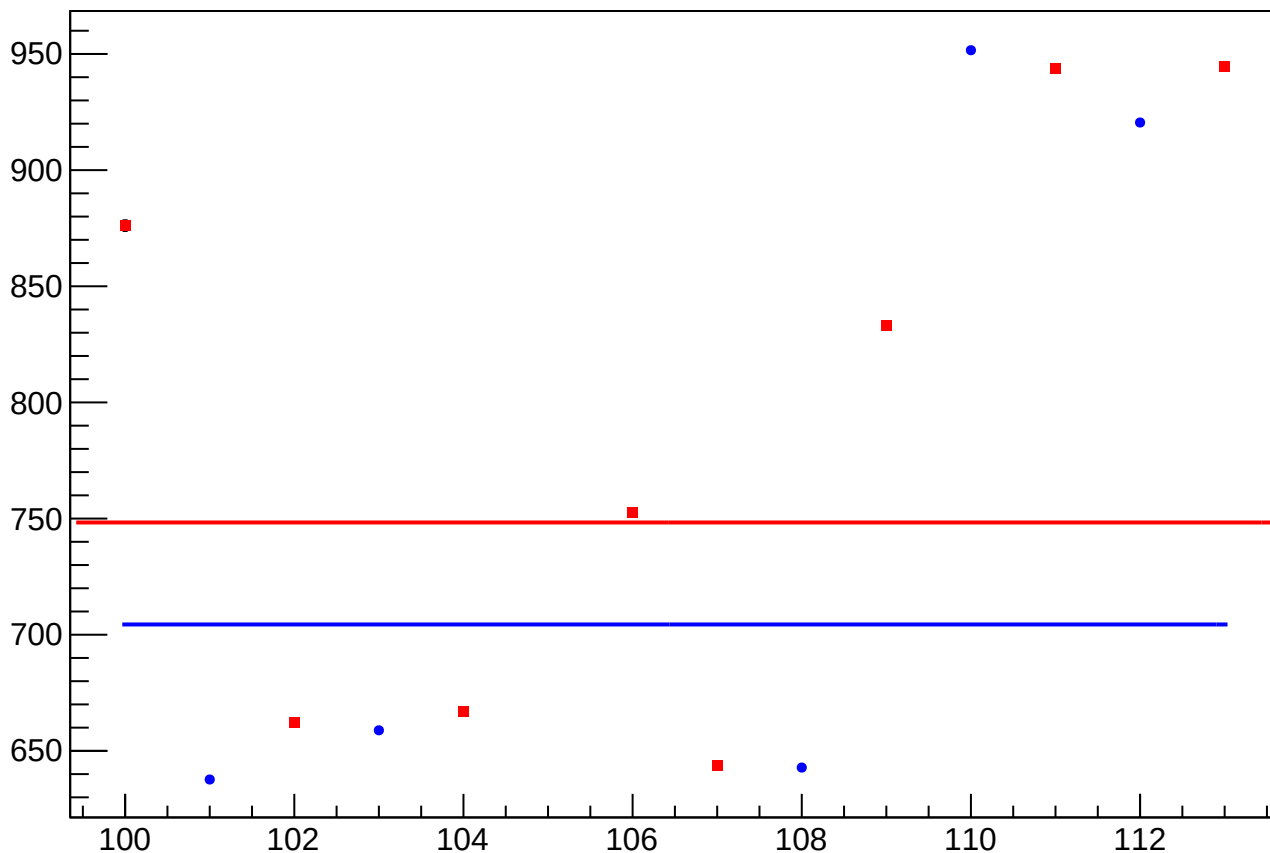
Right: 3.748+/-306.298 χ^2/NDF : 7.7/12

In: 143.529+/-448.711 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.748+/-306.298 χ^2/NDF : 7.7/12

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: 748.319+/-0.296 χ^2/NDF : 143539.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

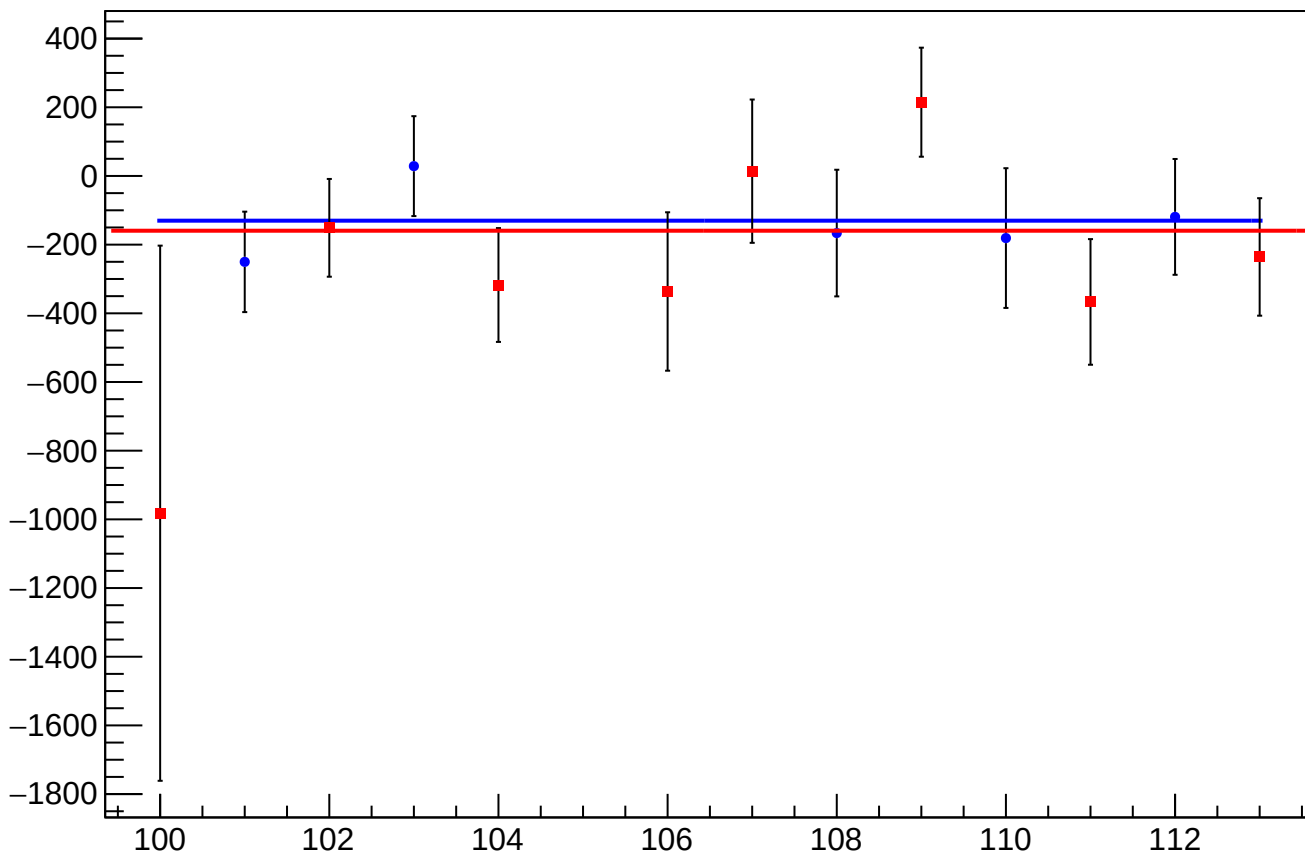
Right: 727.862+/-0.217 χ^2/NDF : 286943.5/12

In: 704.417+/-0.317 χ^2/NDF : 133179.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 727.862+/-0.217 χ^2/NDF : 286943.5/12

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: -159.467+/-65.528 χ^2/NDF : 10.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

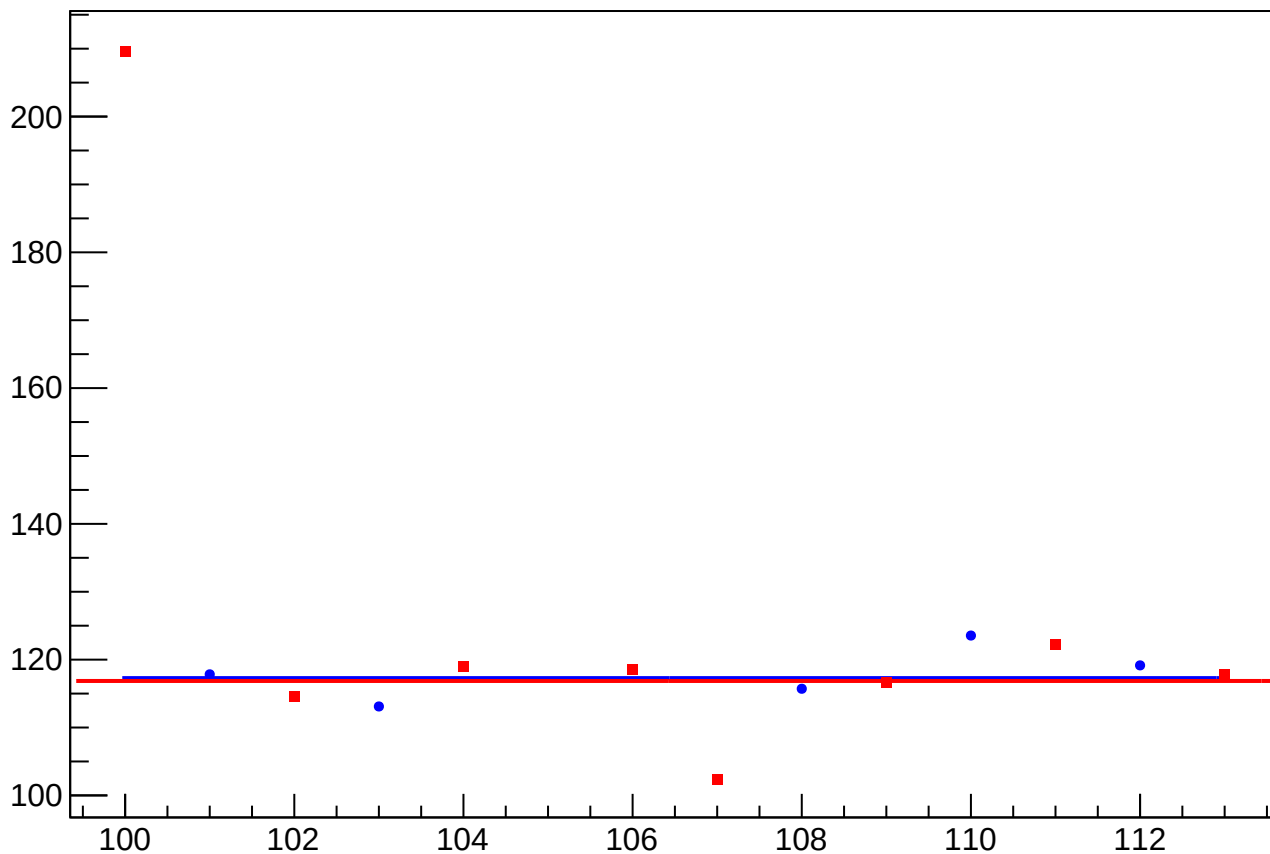
Right: -146.608+/-49.051 χ^2/NDF : 12.4/12

In: -130.221+/-73.973 χ^2/NDF : 2.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -146.608+/-49.051 χ^2/NDF : 12.4/12

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: 116.859+/-0.046 χ^2/NDF : 40804.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

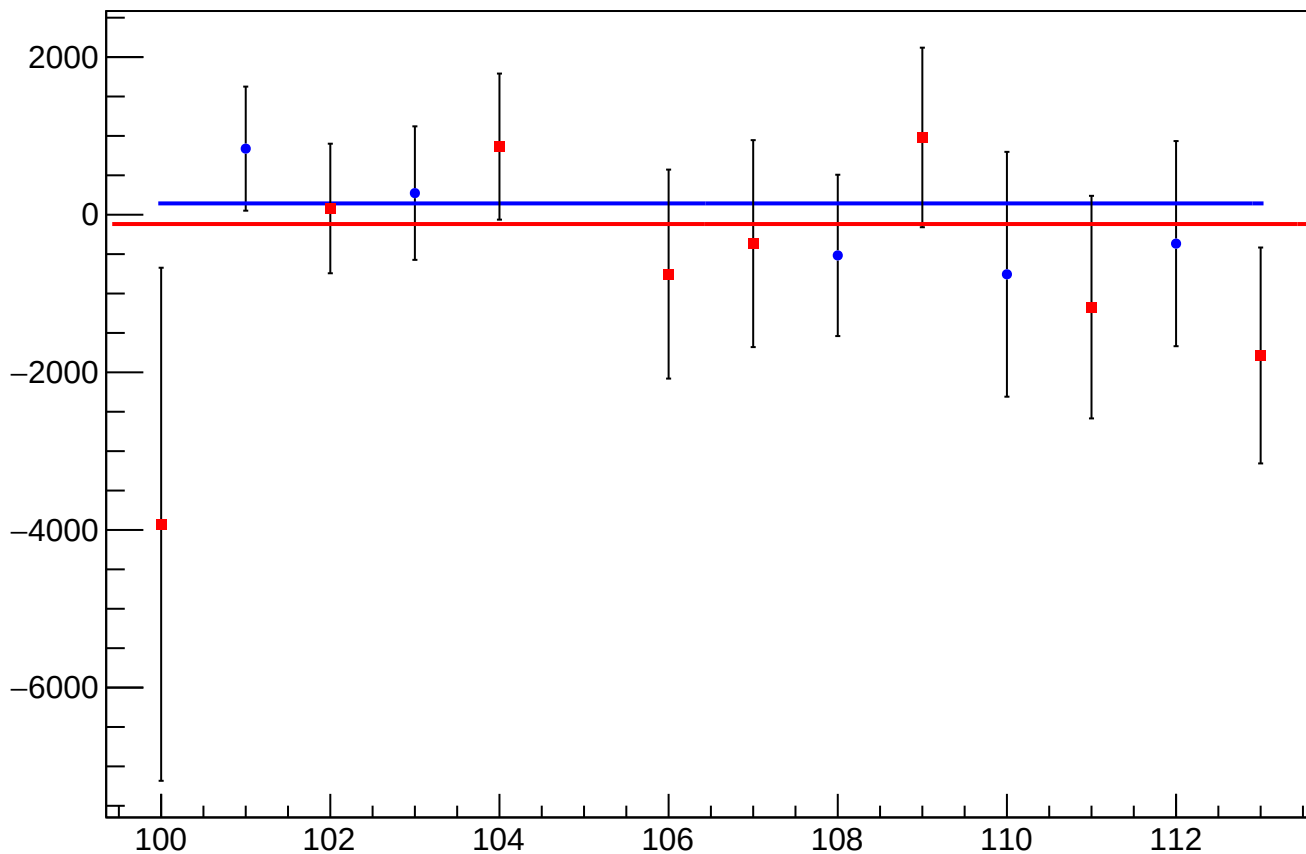
Right: 117.043+/-0.035 χ^2/NDF : 44809.2/12

In: 117.279+/-0.052 χ^2/NDF : 3969.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.043+/-0.035 χ^2/NDF : 44809.2/12

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: -118.218+/-419.141 χ^2 /NDF: 5.8/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

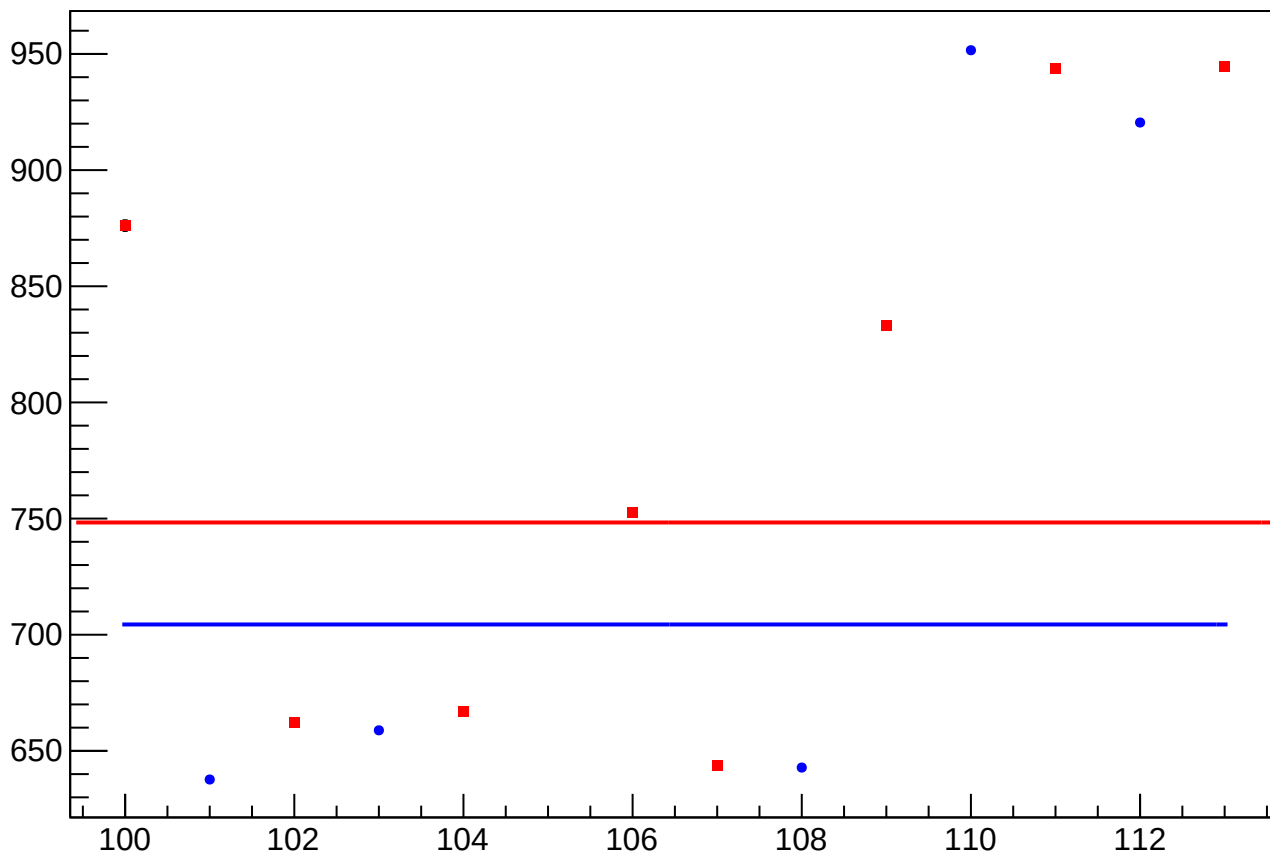
Right: 3.749+/-306.298 χ^2 /NDF: 7.7/12

In: 143.531+/-448.710 χ^2 /NDF:1.7/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 3.749+/-306.298 χ^2 /NDF: 7.7/12

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: 748.317+/-0.296 χ^2/NDF : 143536.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

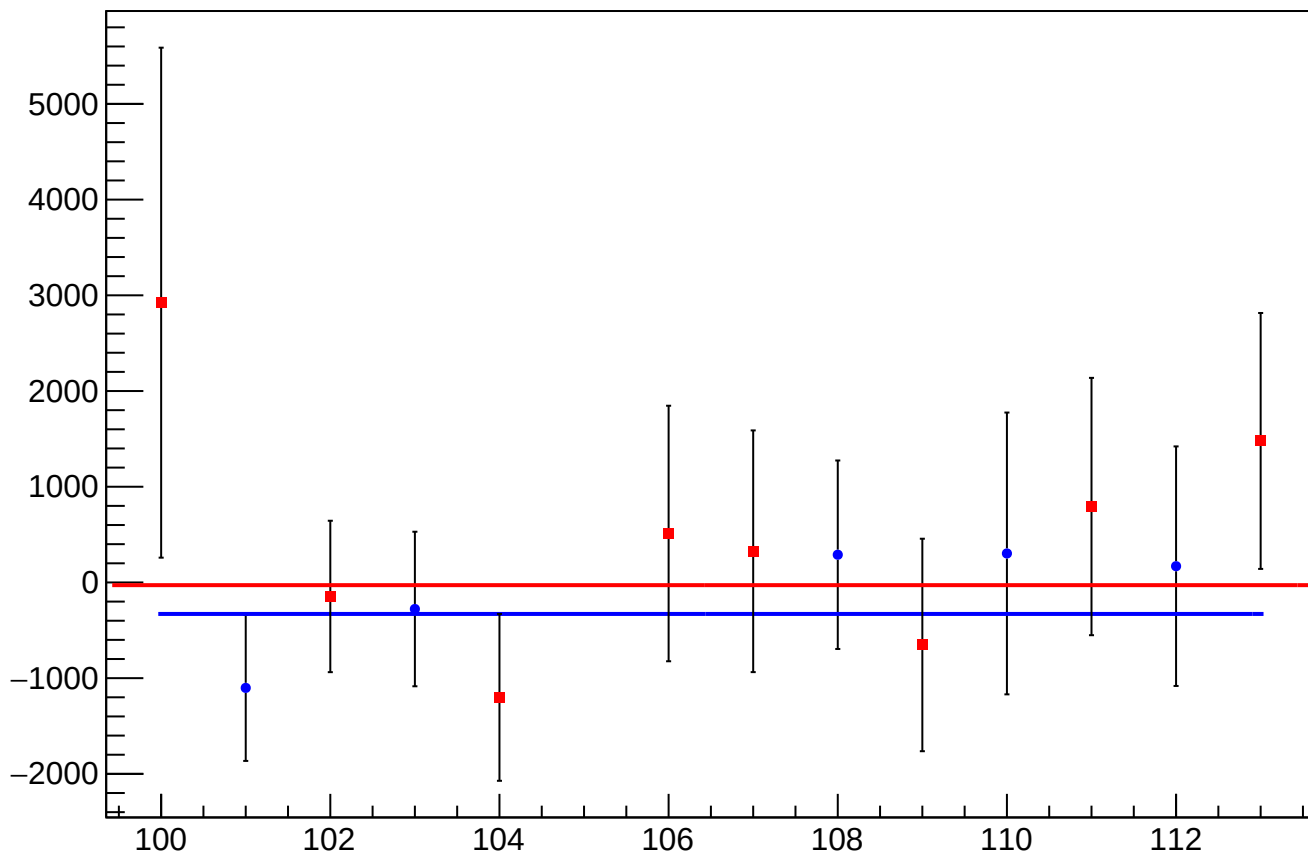
Right: 727.860+/-0.217 χ^2/NDF : 286936.6/12

In: 704.416+/-0.317 χ^2/NDF : 133175.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 727.860+/-0.217 χ^2/NDF : 286936.6/12

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: -28.243+/-402.679 χ^2/NDF : 5.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

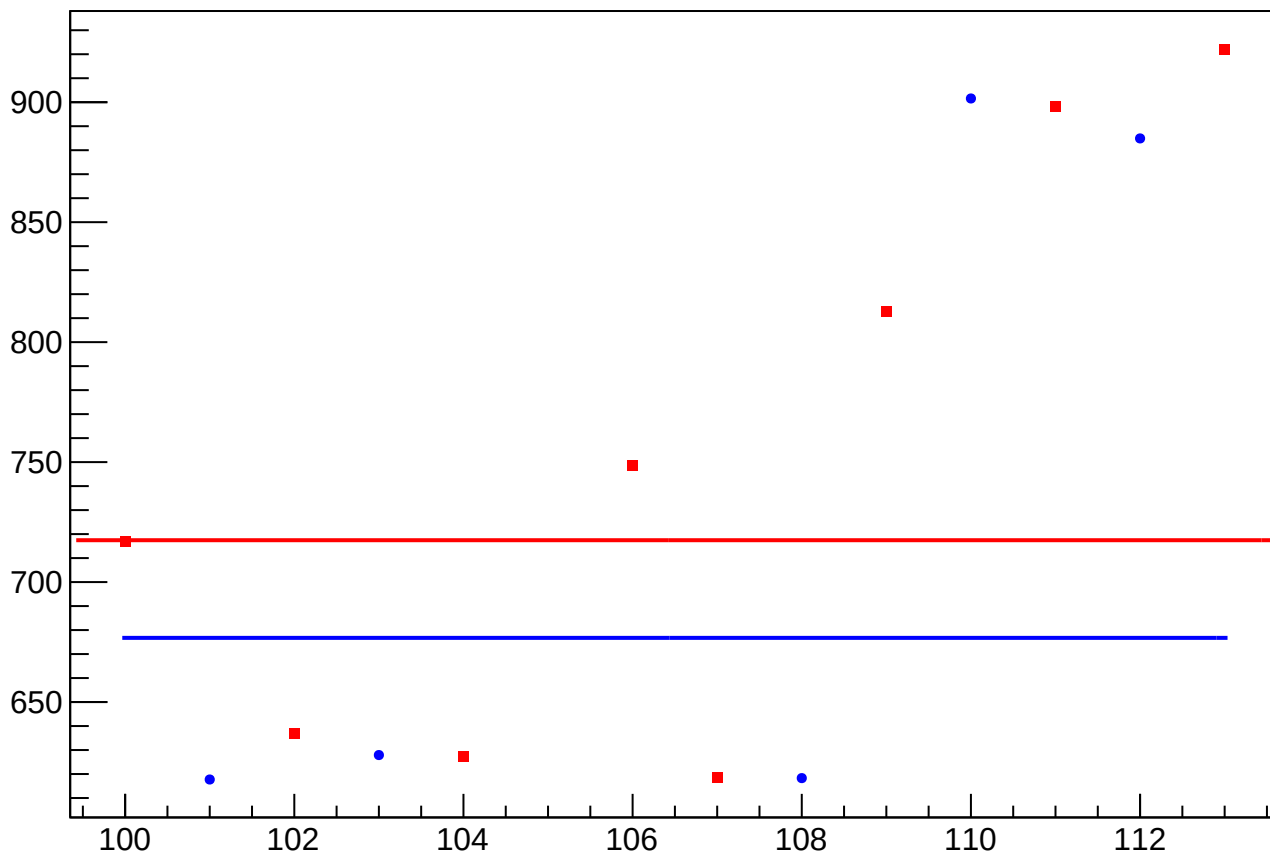
Right: -168.440+/-294.241 χ^2/NDF : 7.3/12

In: -329.051+/-431.001 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -168.440+/-294.241 χ^2/NDF : 7.3/12

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: 717.449+/-0.285 χ^2/NDF : 153130.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

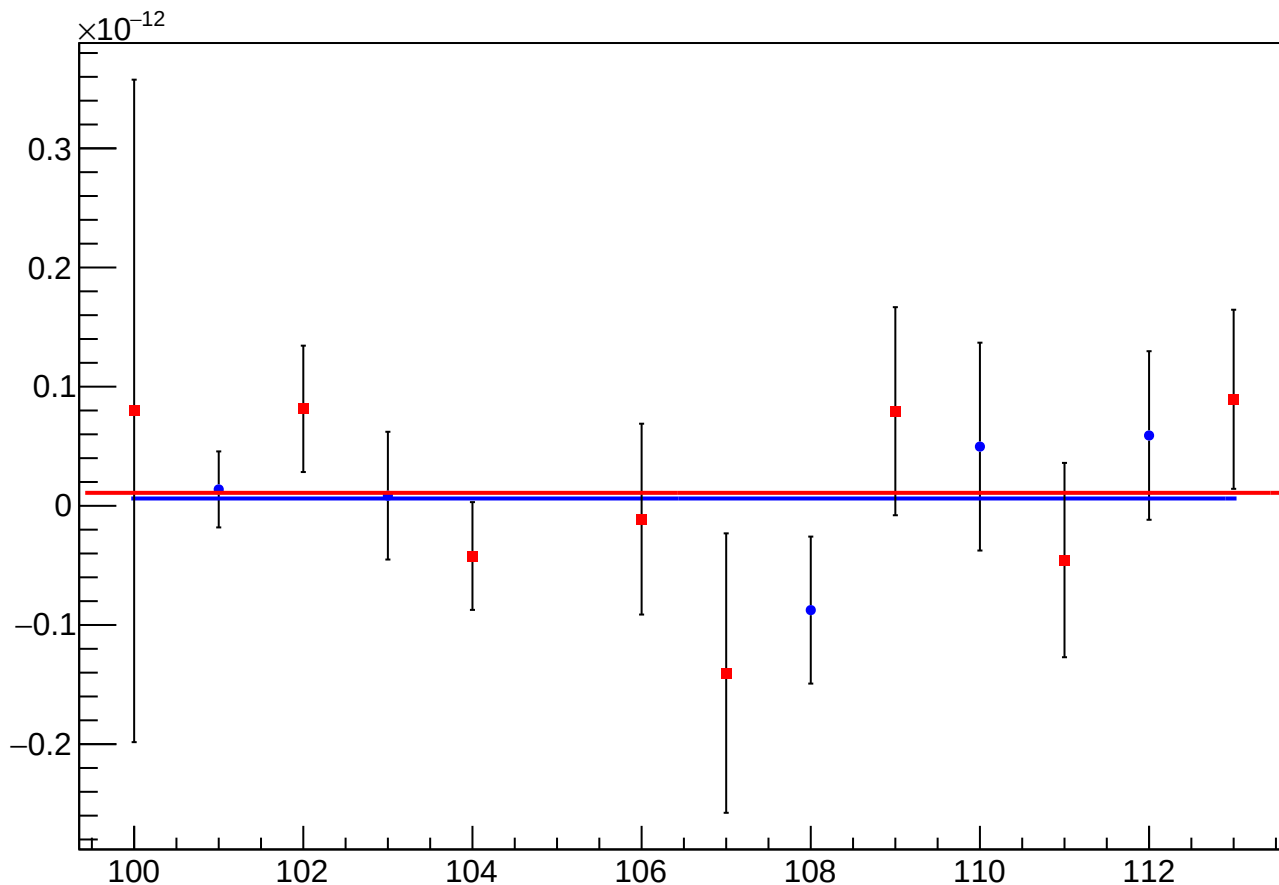
Right: 698.480+/-0.208 χ^2/NDF : 290960.8/12

In: 676.749+/-0.305 χ^2/NDF : 128307.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 698.480+/-0.208 χ^2/NDF : 290960.8/12

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 : 7.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

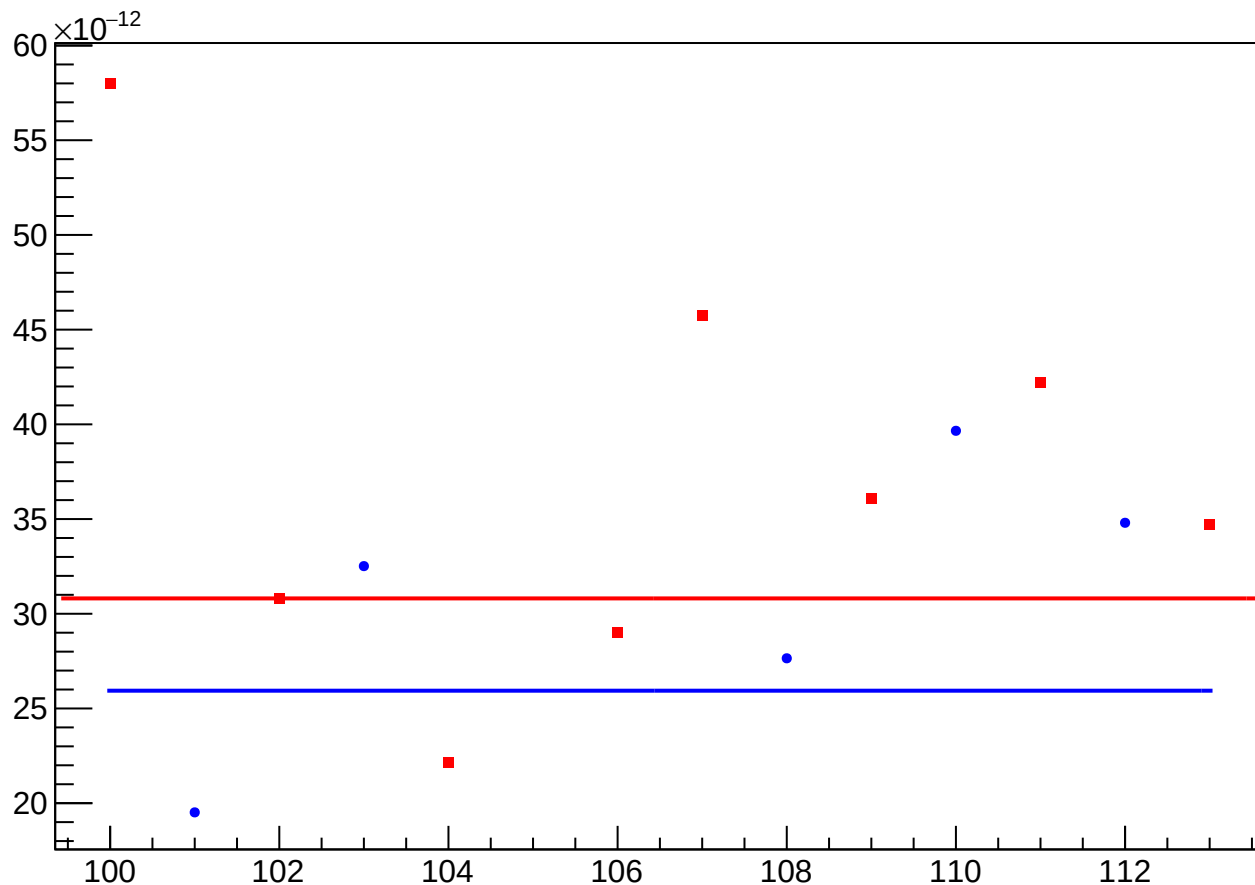
Right: 0.000+/-0.000 χ^2/NDF : 10.3/12

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 : 10.3/12

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 : 177703.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

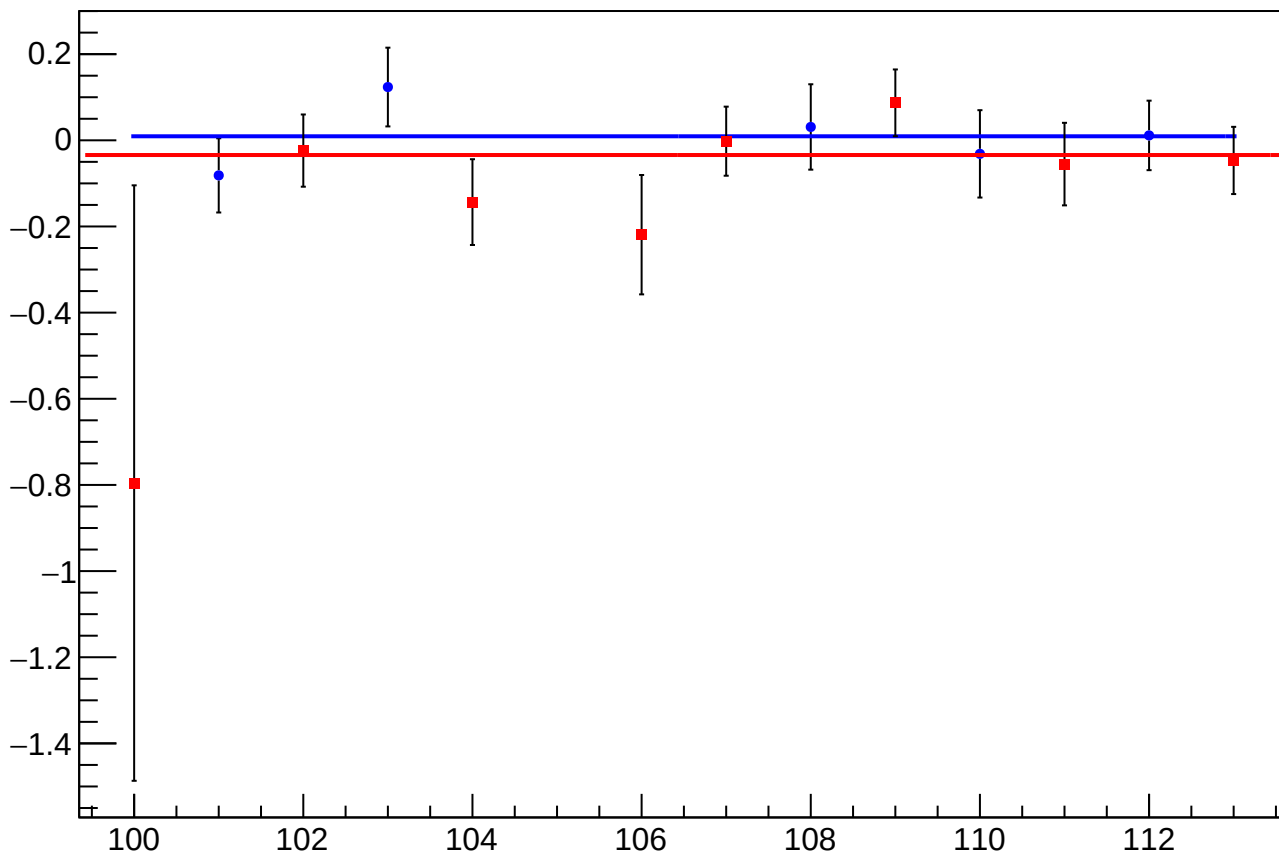
Right: 0.000+/-0.000 χ^2/NDF : 412071.8/12

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 : 412071.8/12

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: -0.034+/-0.033 χ^2/NDF : 6.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

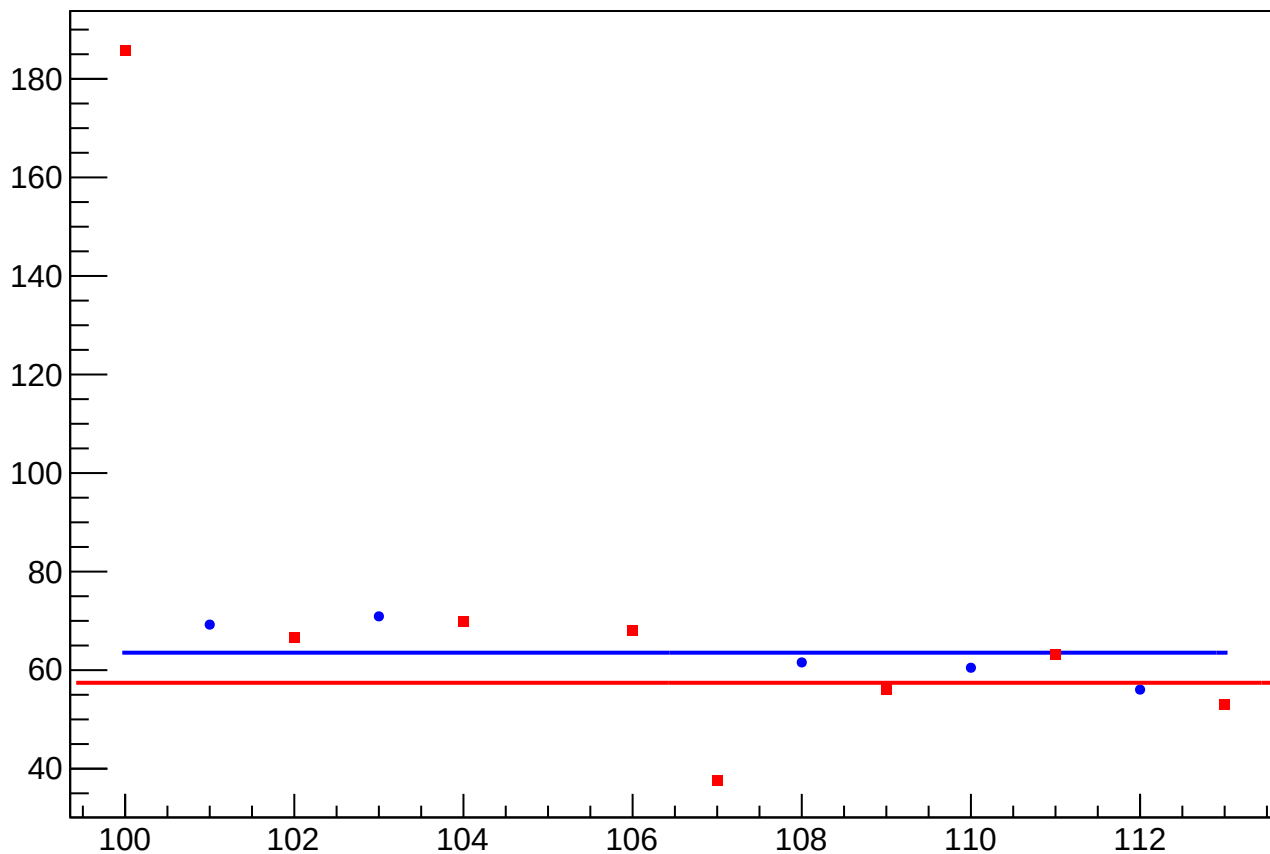
Right: -0.017+/-0.026 χ^2/NDF : 10.5/12

In: 0.009+/-0.041 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.017+/-0.026 χ^2/NDF : 10.5/12

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: 57.436+/-0.024 χ^2/NDF : 273249.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

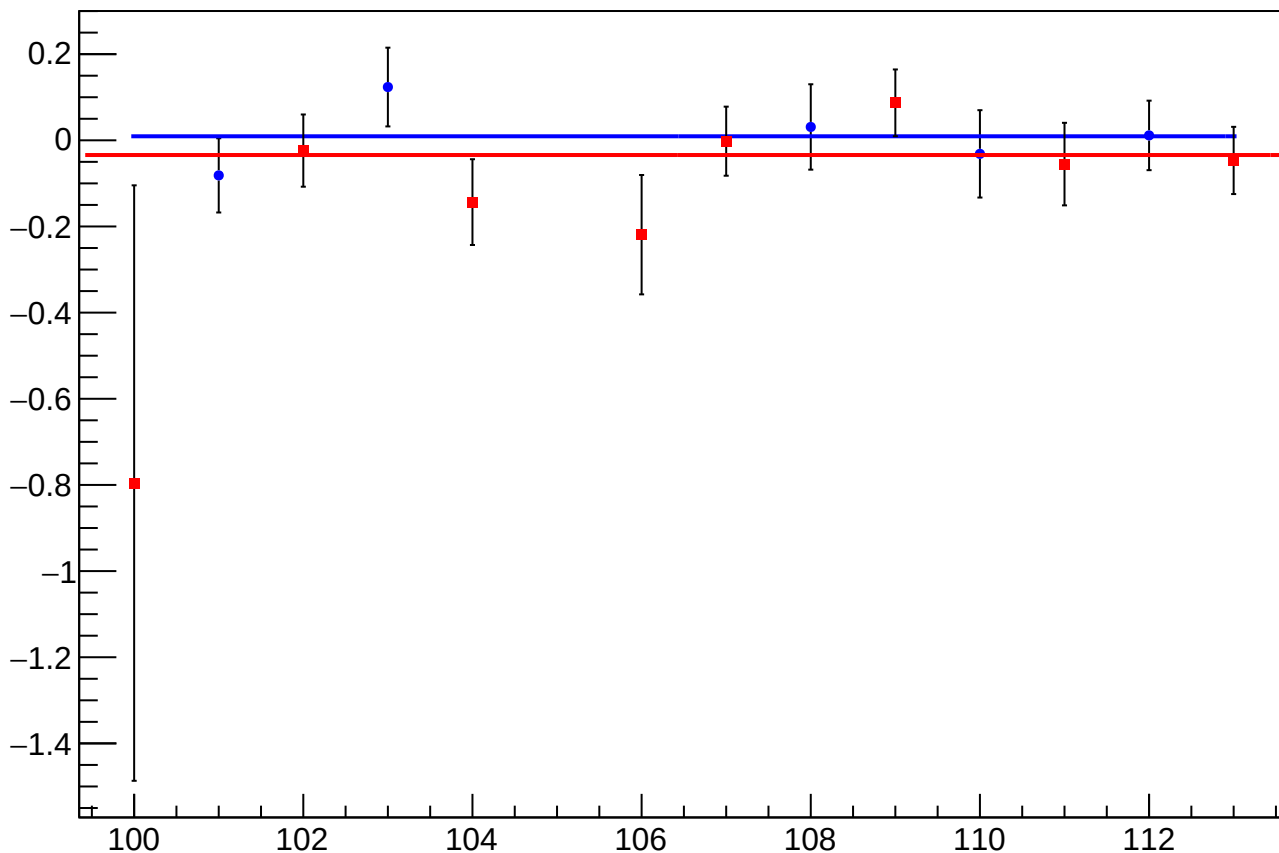
Right: 59.909+/-0.018 χ^2/NDF : 341867.6/12

In: 63.544+/-0.029 χ^2/NDF : 41657.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.909+/-0.018 χ^2/NDF : 341867.6/12

asym_sam_37_26_dd_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: -0.034+/-0.033 χ^2/NDF : 6.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

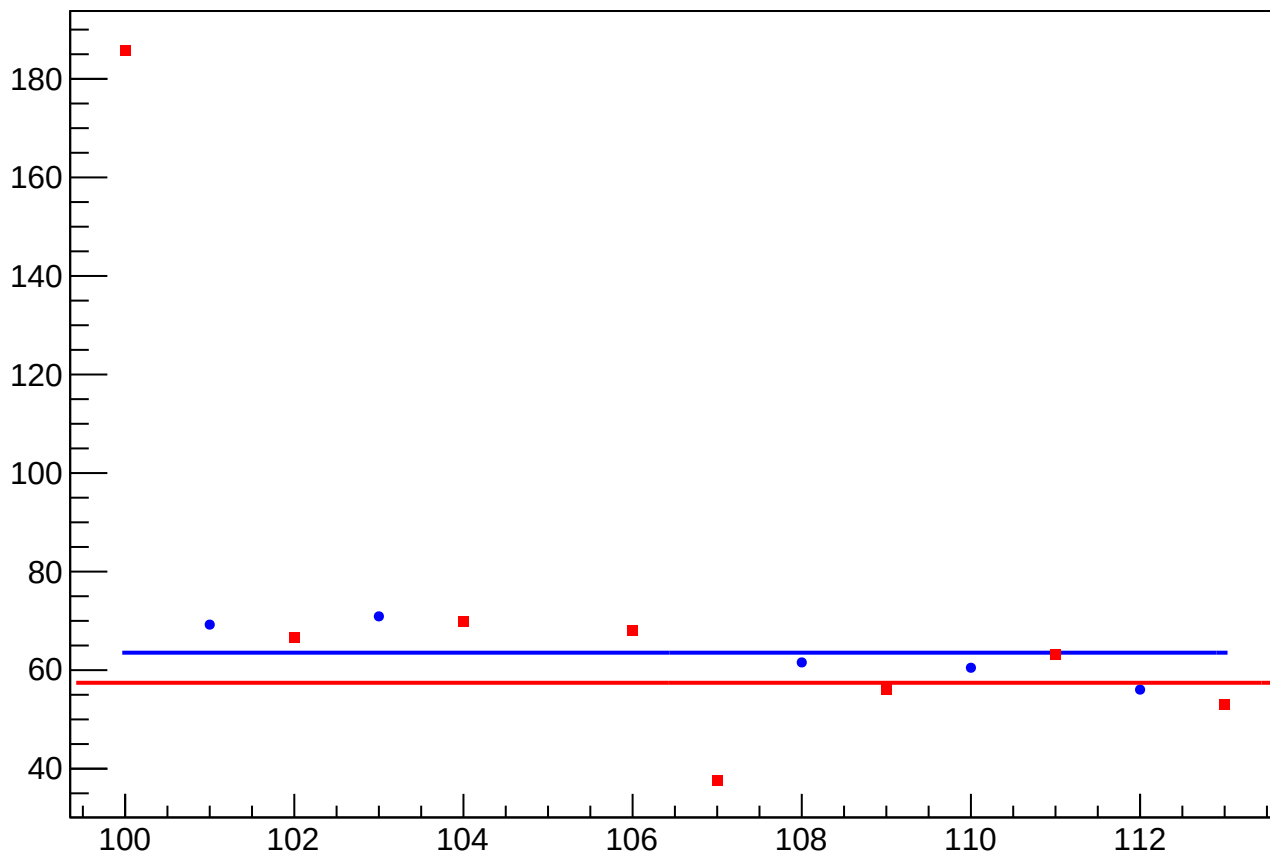
Right: -0.017+/-0.026 χ^2/NDF : 10.5/12

In: 0.009+/-0.041 χ^2/NDF : 2.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.017+/-0.026 χ^2/NDF : 10.5/12

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: 57.436+/-0.024 χ^2/NDF : 273249.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

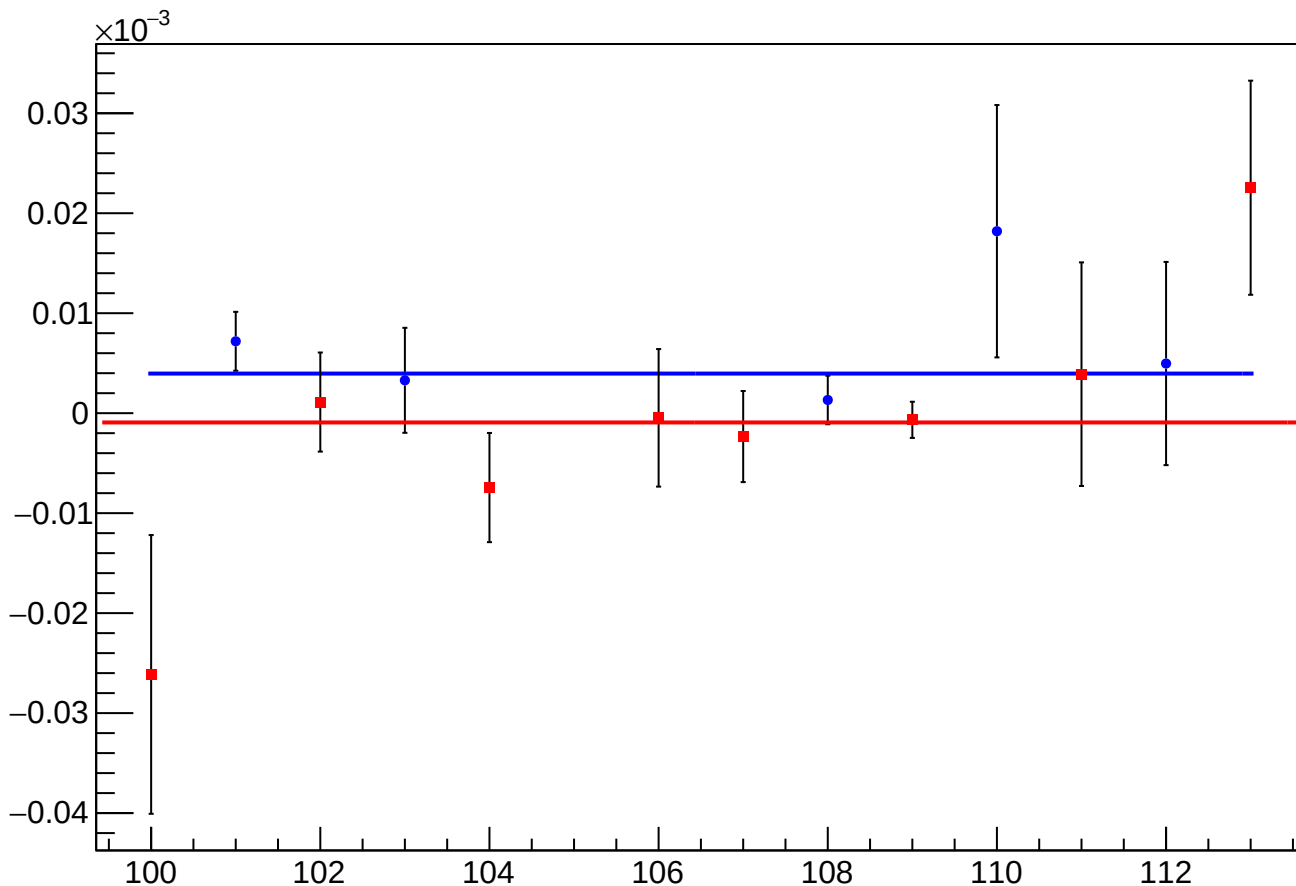
Right: 59.909+/-0.018 χ^2/NDF : 341867.6/12

In: 63.544+/-0.029 χ^2/NDF : 41657.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.909+/-0.018 χ^2/NDF : 341867.6/12

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

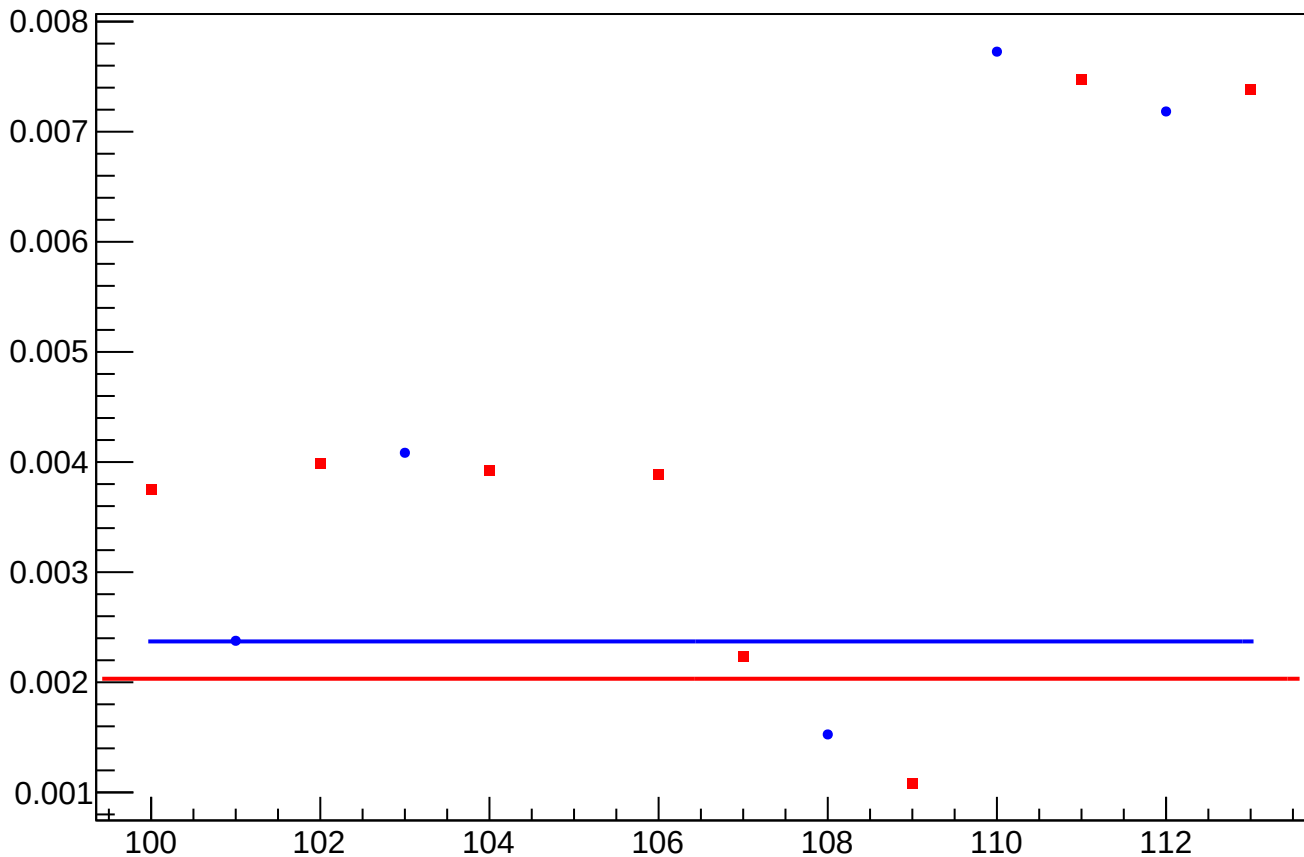
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.3/12

In: 0.000 $\pm$ 0.000 χ^2 /NDF:3.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.3/12

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 : 2256689.8/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

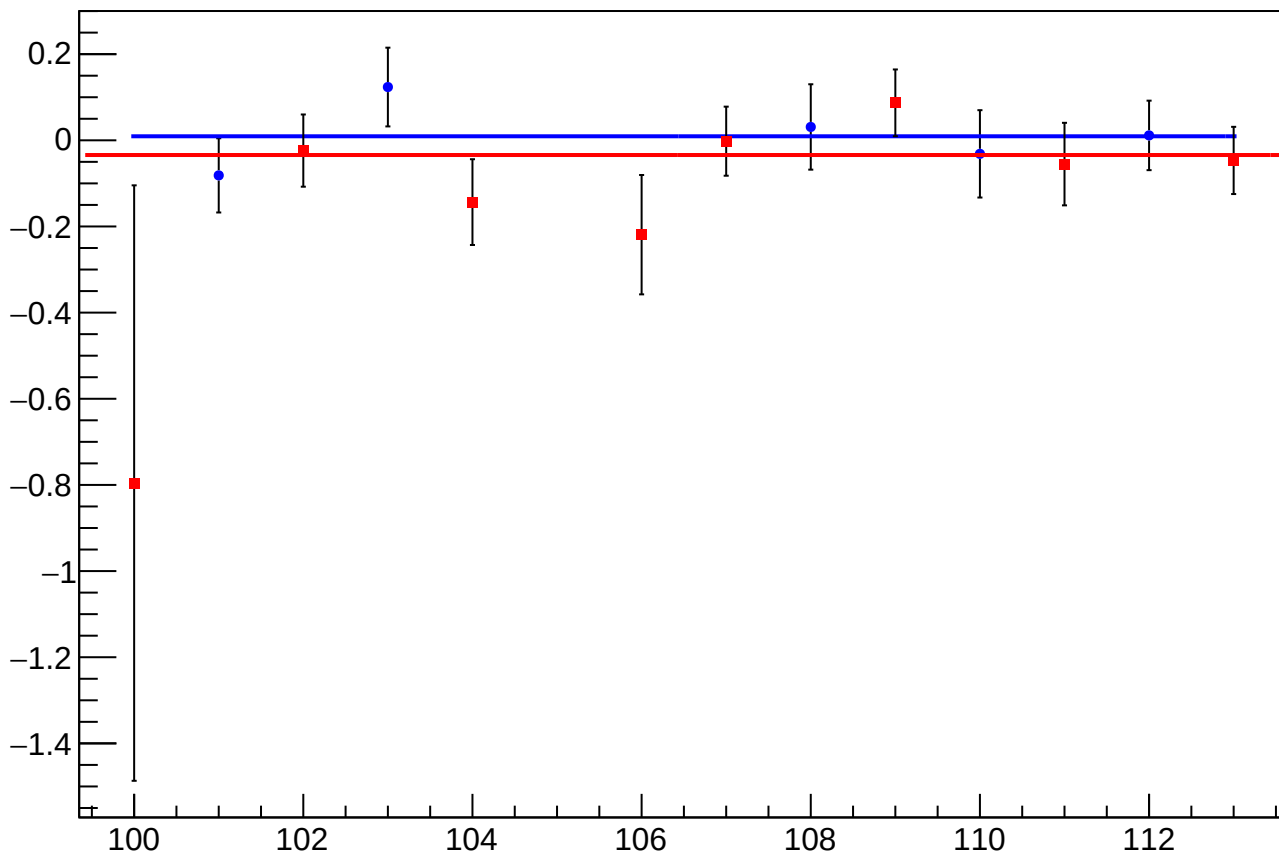
Right: 0.002+/-0.000 χ^2/NDF : 3564802.0/12

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 : 3564802.0/12

asym_sam_37_26_dd_eigen_dit_vs_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: -0.034 $\pm$ 0.033 χ^2 /NDF: 6.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

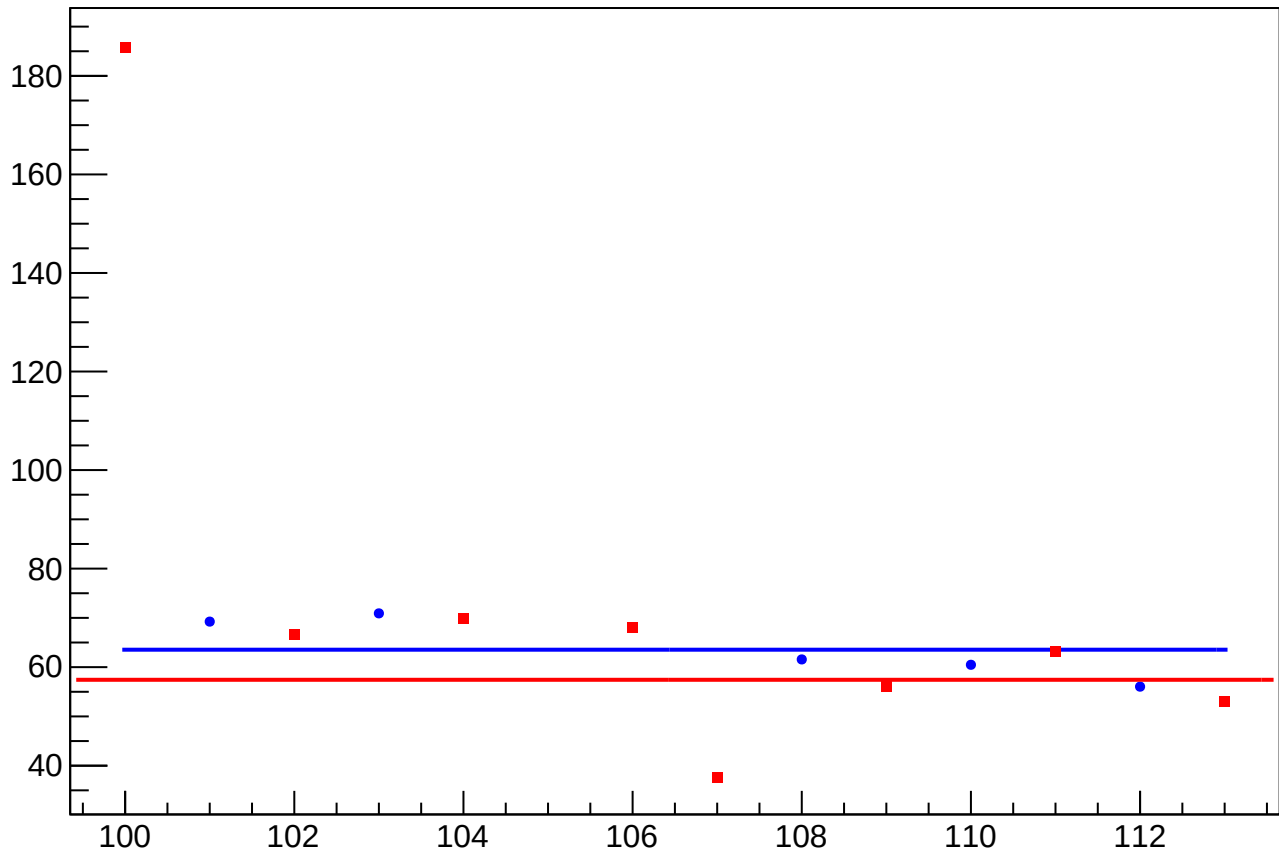
Right: -0.017 $\pm$ 0.026 χ^2 /NDF: 10.5/12

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: -0.017 $\pm$ 0.026 χ^2 /NDF: 10.5/12

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.541 $\pm$ 0.029 χ^2 /NDF: 41684.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 57.434 $\pm$ 0.024 χ^2 /NDF: 273233.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

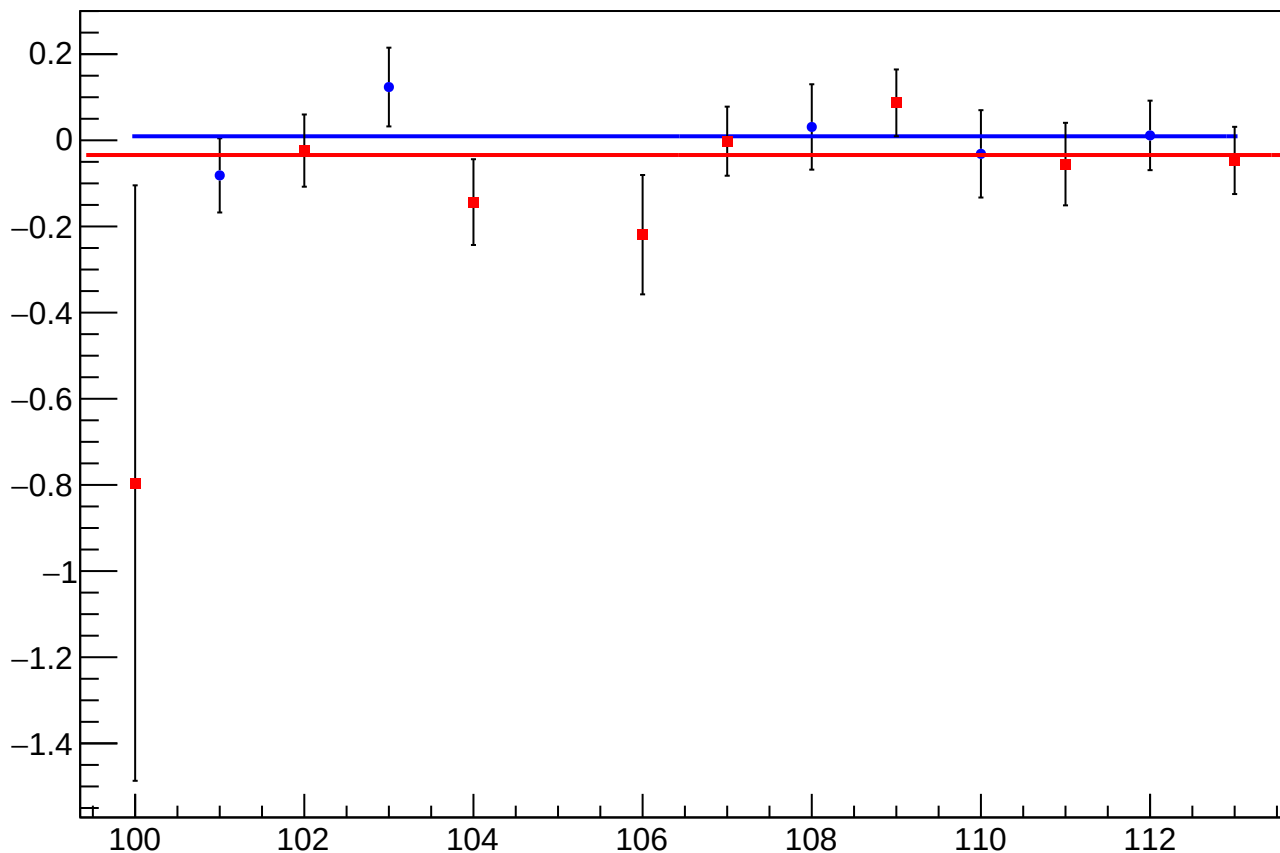
Right: 59.907 $\pm$ 0.018 χ^2 /NDF: 341871.2/12

In: 63.541 $\pm$ 0.029 χ^2 /NDF:41684.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 59.907 $\pm$ 0.018 χ^2 /NDF: 341871.2/12

asym_sam_37_26_dd_eigen_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: -0.034 $\pm$ 0.033 χ^2 /NDF: 6.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

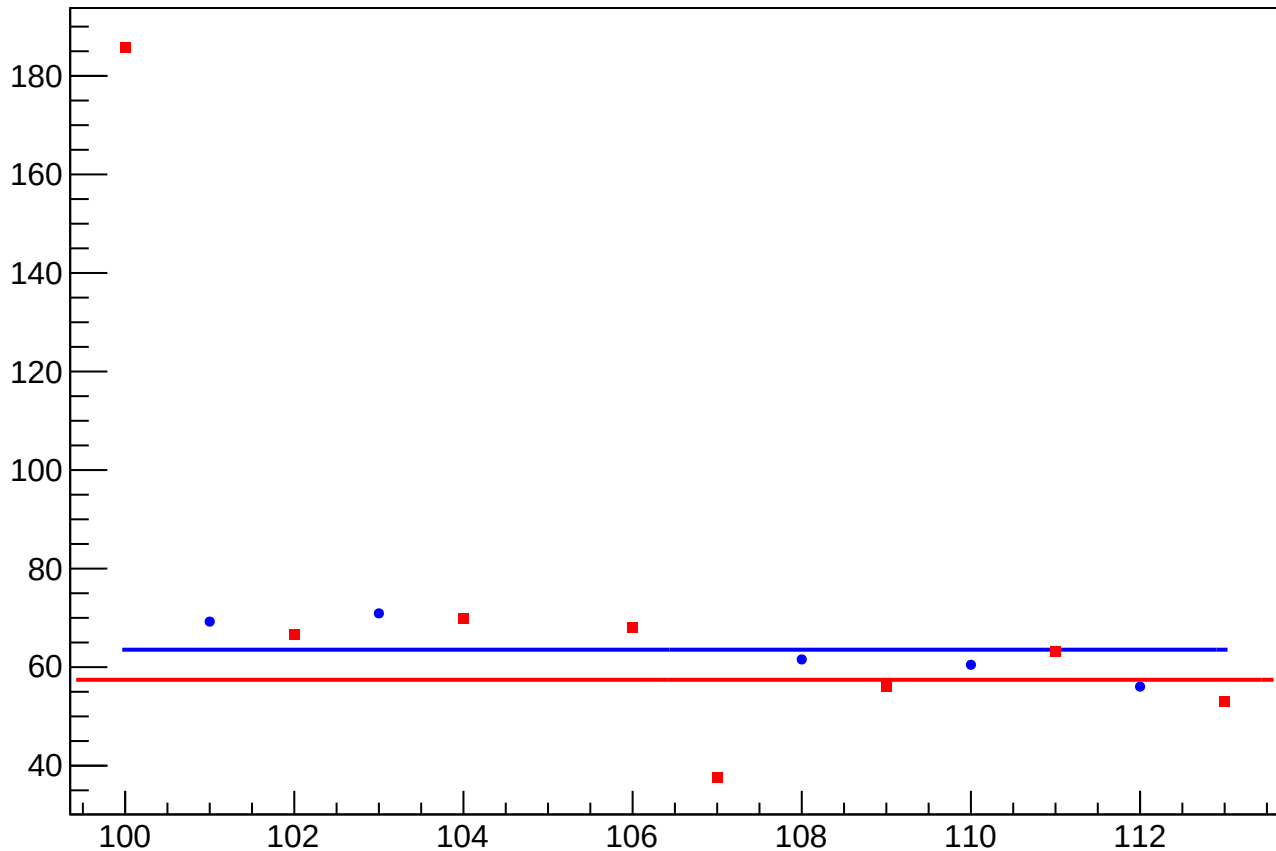
Right: -0.017 $\pm$ 0.026 χ^2 /NDF: 10.5/12

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: -0.017 $\pm$ 0.026 χ^2 /NDF: 10.5/12

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.541 $\pm$ 0.029 χ^2 /NDF: 41684.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 57.434 $\pm$ 0.024 χ^2 /NDF: 273233.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

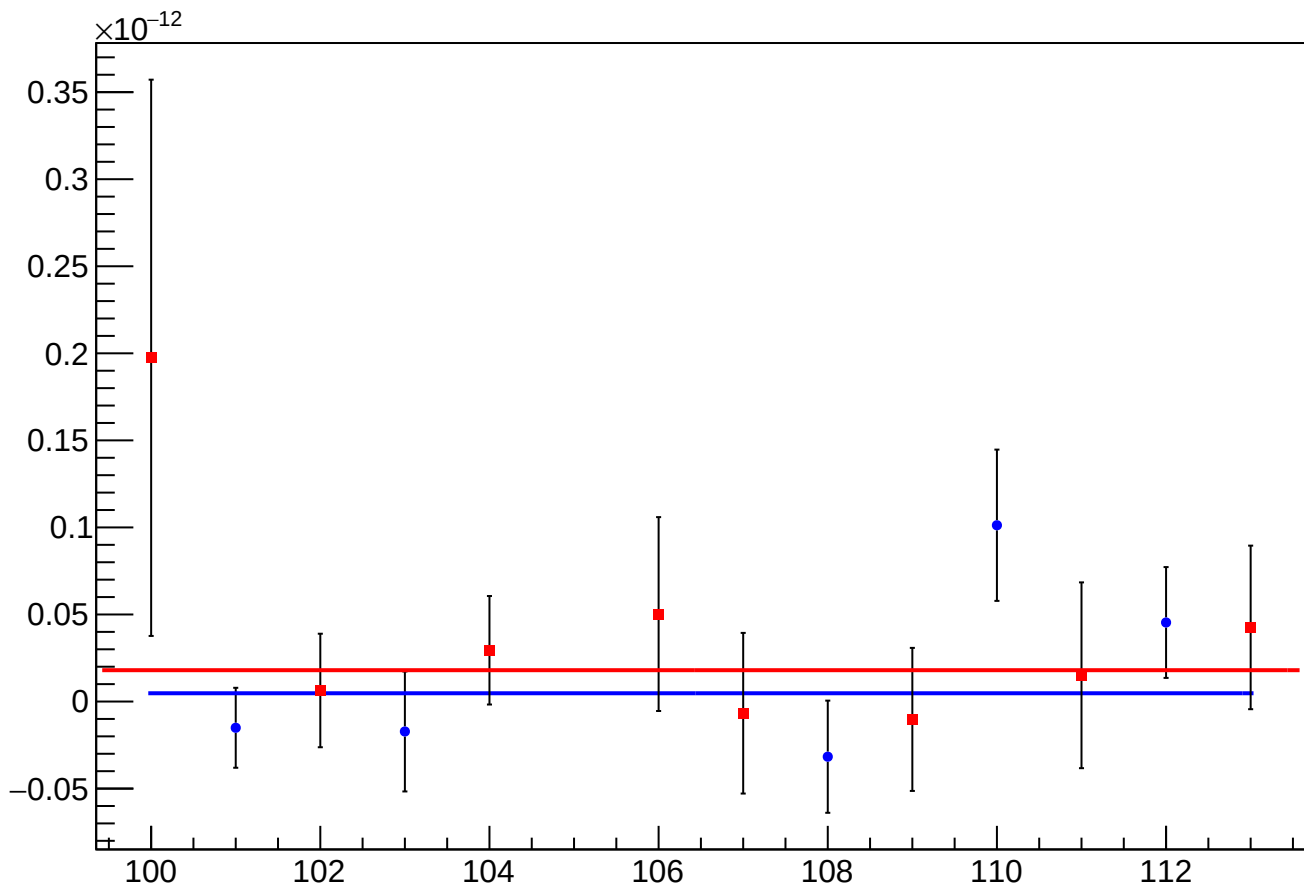
Right: 59.907 $\pm$ 0.018 χ^2 /NDF: 341871.2/12

In: 63.541 $\pm$ 0.029 χ^2 /NDF:41684.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 59.907 $\pm$ 0.018 χ^2 /NDF: 341871.2/12

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 : 2.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

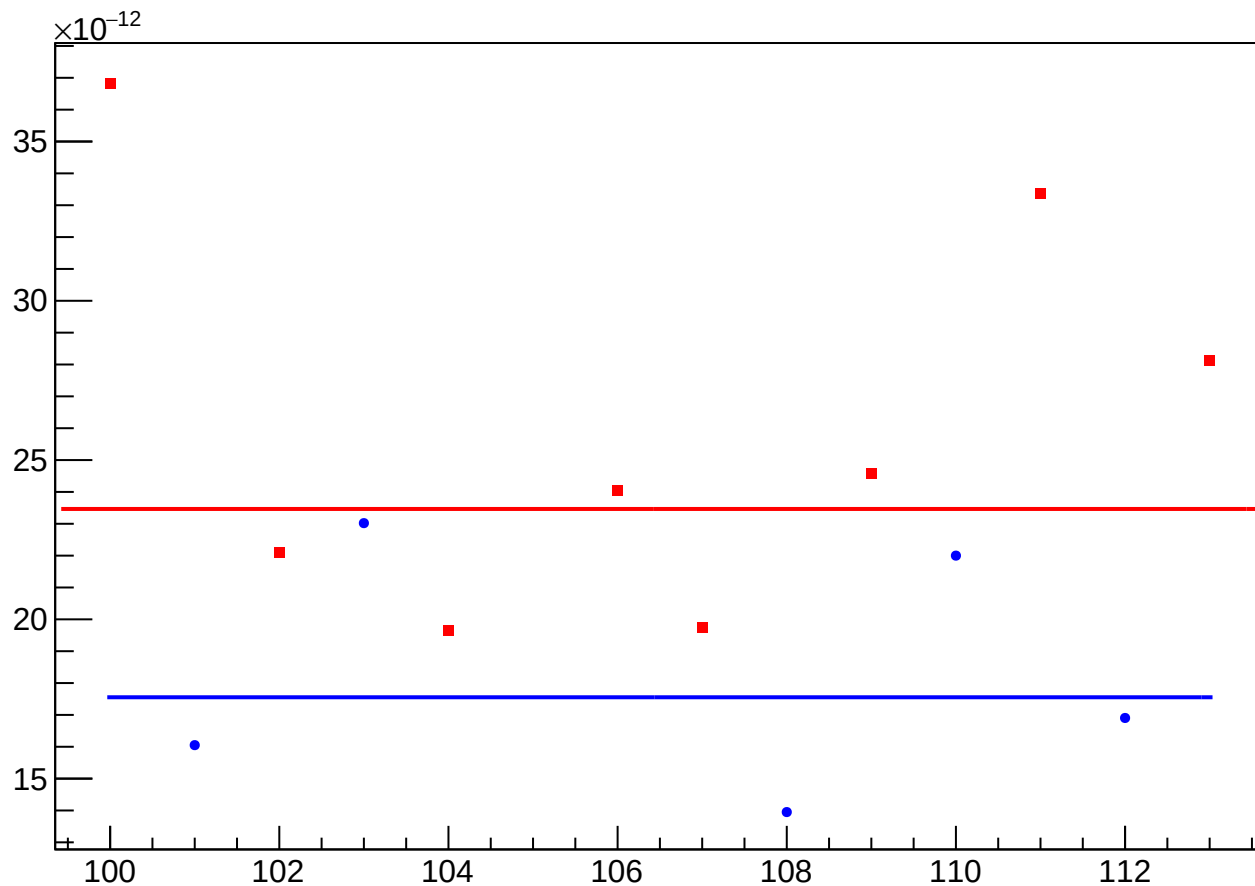
Right: 0.000+/-0.000 χ^2/NDF : 12.3/12

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 : 12.3/12

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 : 150499.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

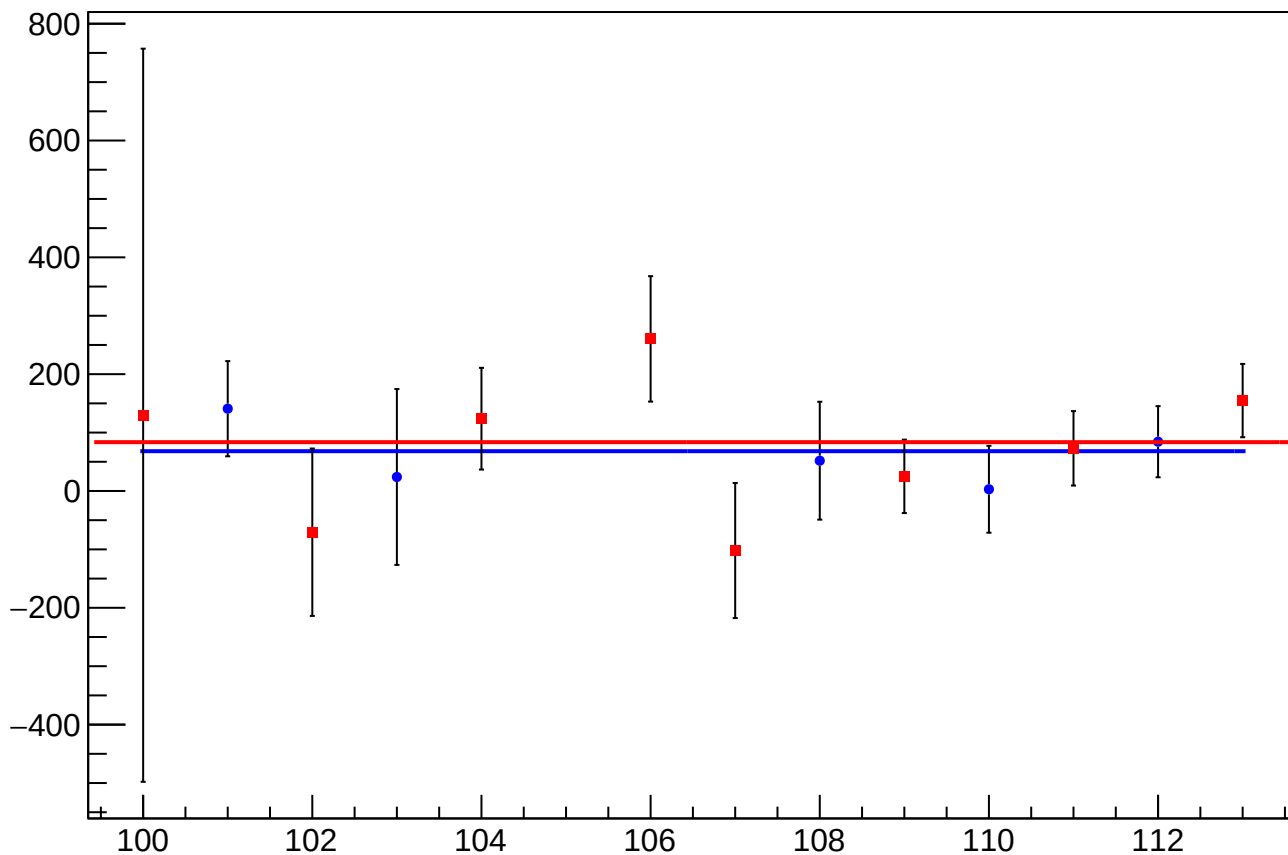
Right: 0.000+/-0.000 χ^2/NDF : 418928.6/12

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 : 418928.6/12

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: 83.600+/-30.177 χ^2/NDF : 8.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

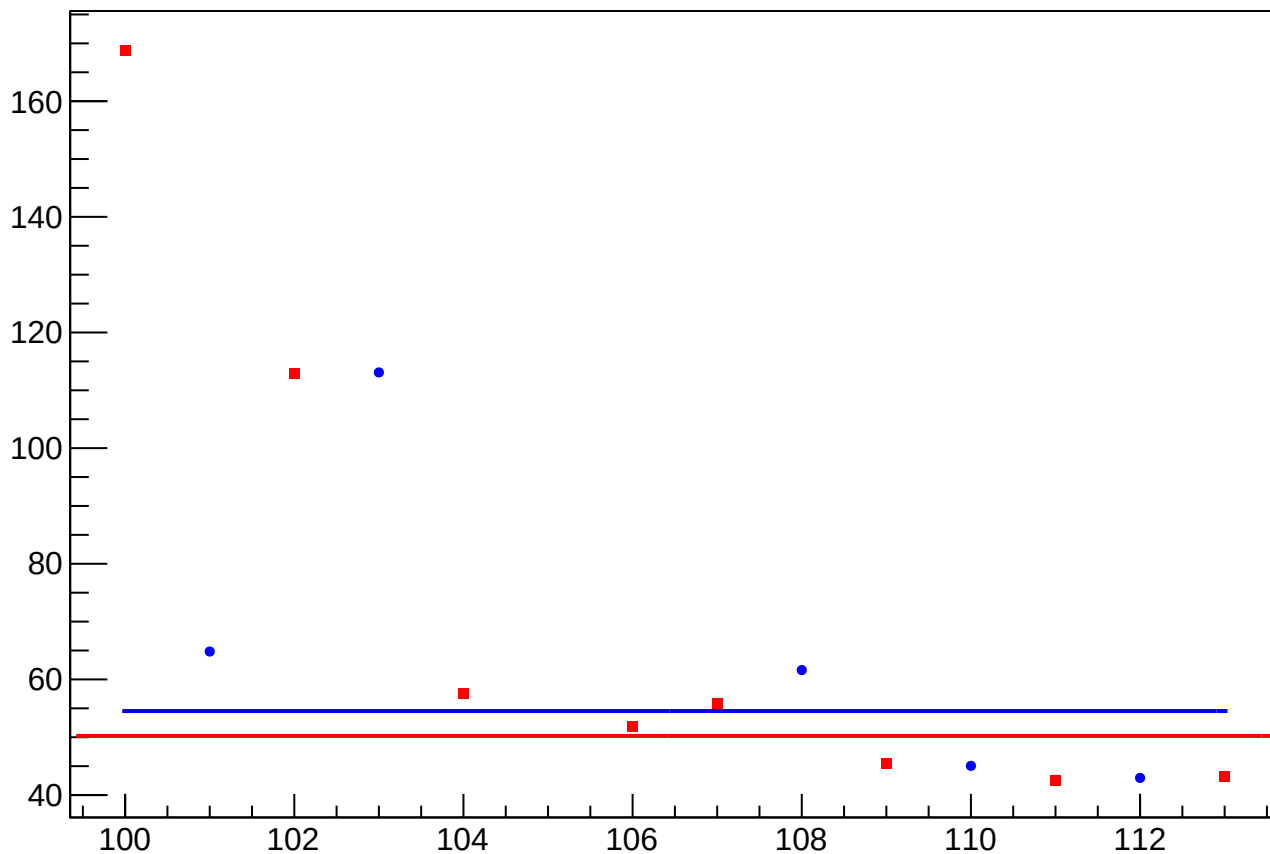
Right: 77.359+/-23.304 χ^2/NDF : 10.7/12

In: 68.137+/-36.681 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.359+/-23.304 χ^2/NDF : 10.7/12

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: 50.231+/-0.021 χ^2/NDF : 540160.3/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

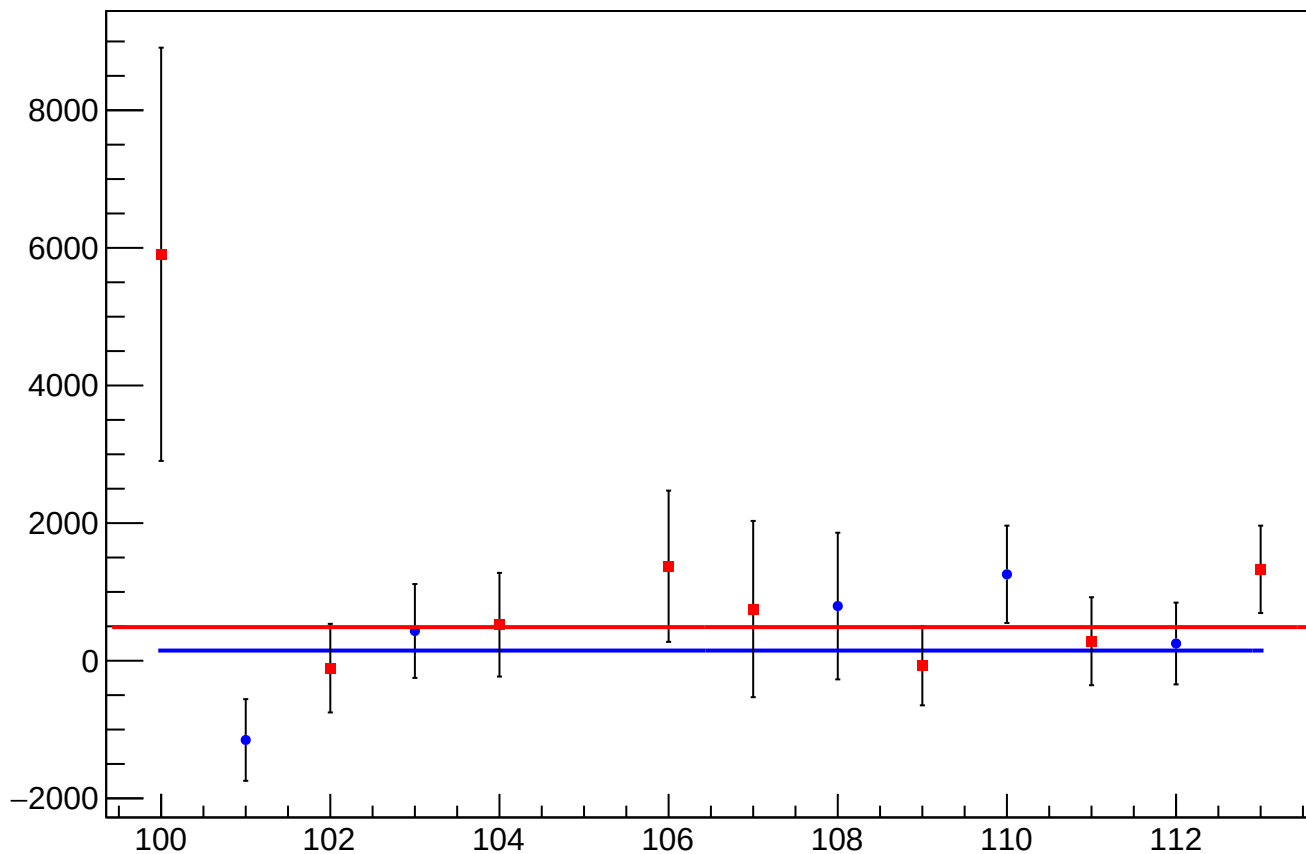
Right: 51.966+/-0.016 χ^2/NDF : 1005595.9/12

In: 54.531+/-0.026 χ^2/NDF :449046.5/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 51.966+/-0.016 χ^2/NDF : 1005595.9/12

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: 488.671+/-270.481 χ^2/NDF : 7.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

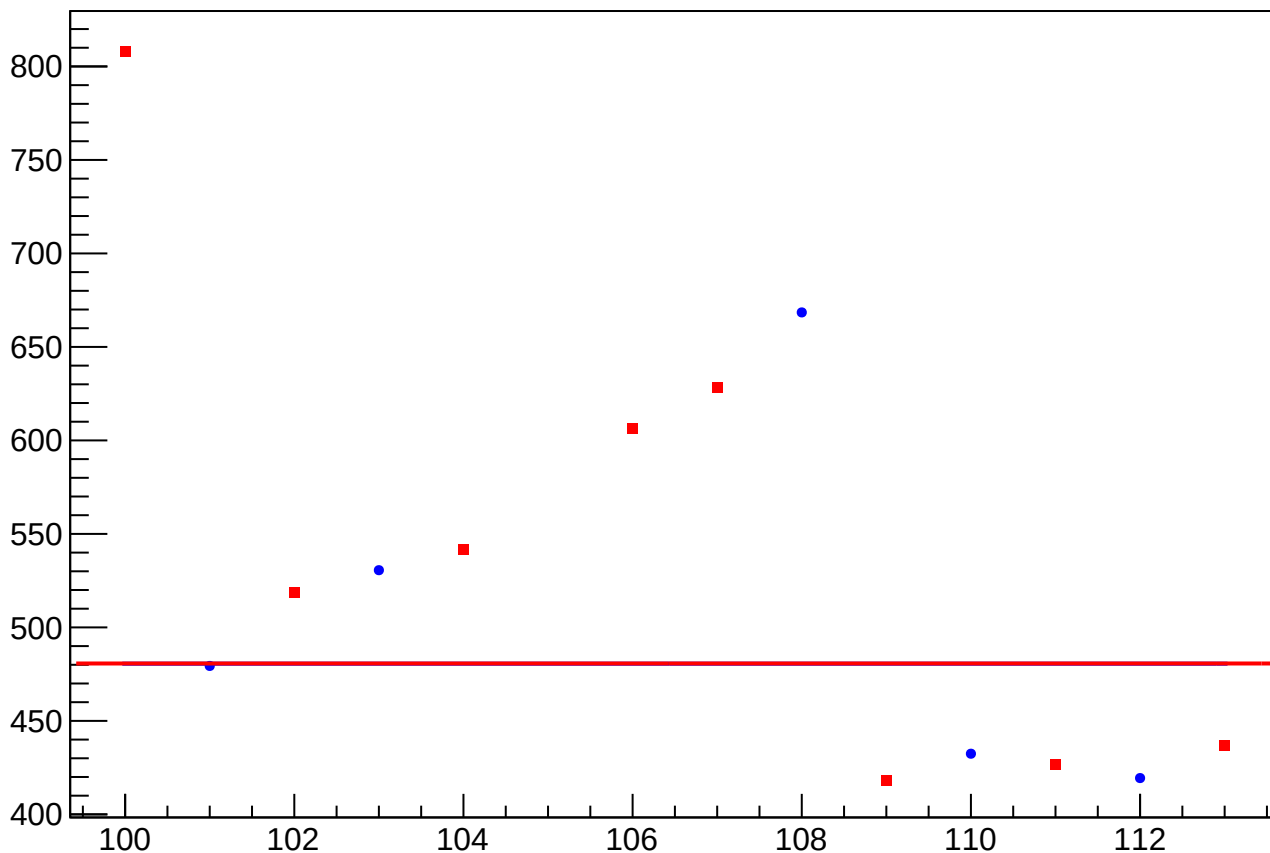
Right: 339.008+/-202.572 χ^2/NDF : 16.1/12

In: 147.831+/-305.701 χ^2/NDF : 7.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 339.008+/-202.572 χ^2/NDF : 16.1/12

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: 480.698+/-0.191 χ^2/NDF : 143632.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

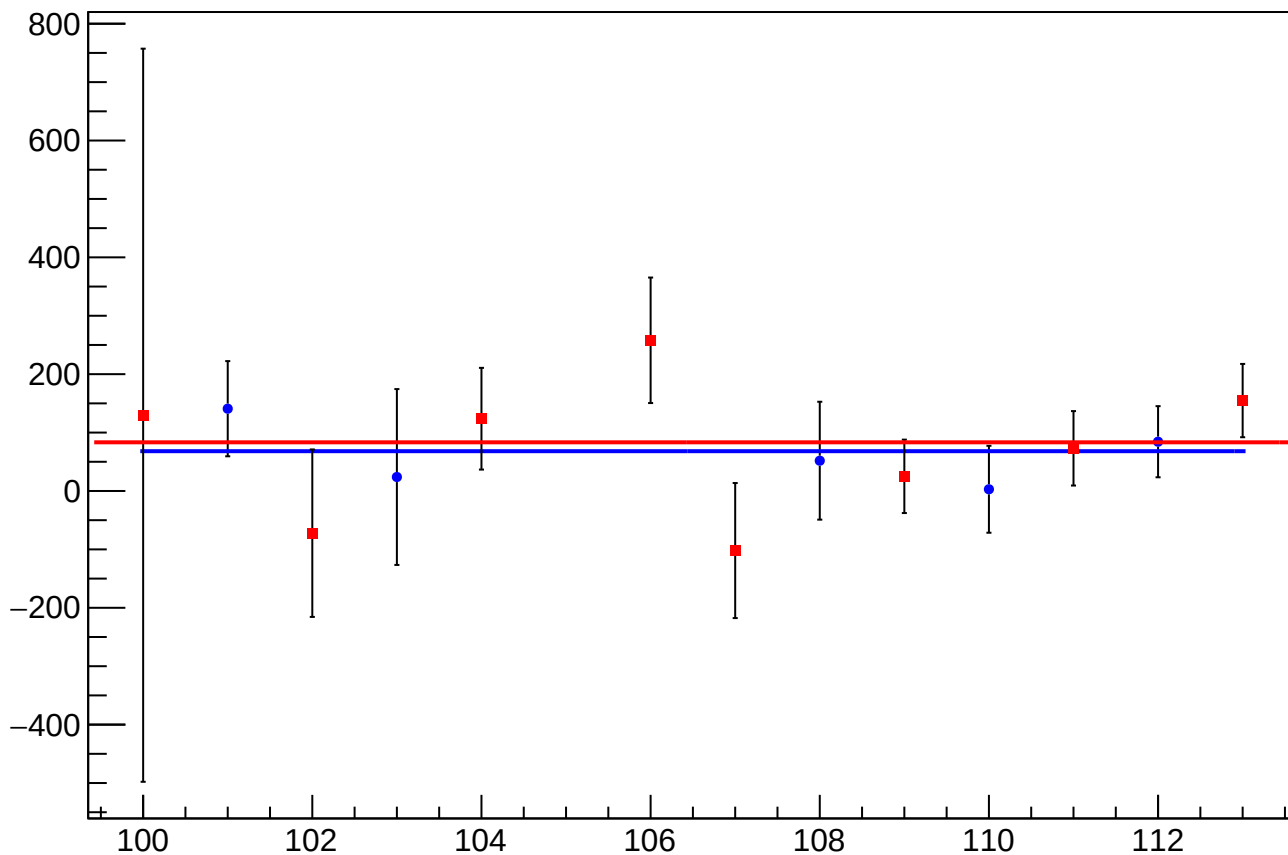
Right: 480.650+/-0.143 χ^2/NDF : 247013.5/12

In: 480.588+/-0.216 χ^2/NDF : 103381.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 480.650+/-0.143 χ^2/NDF : 247013.5/12

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: 83.326+/-30.179 χ^2/NDF : 8.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

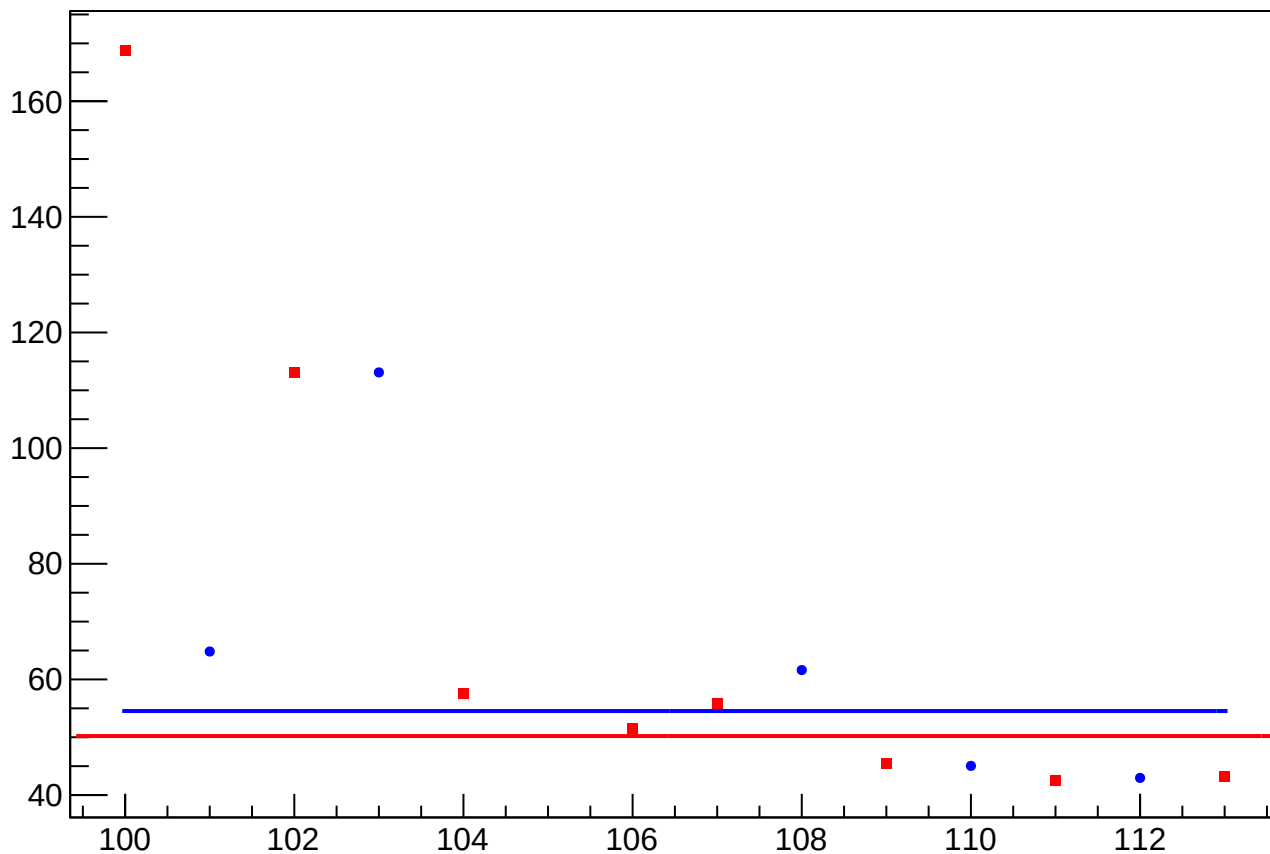
Right: 77.193+/-23.305 χ^2/NDF : 10.6/12

In: 68.131+/-36.682 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.193+/-23.305 χ^2/NDF : 10.6/12

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: 50.206+/-0.021 χ^2/NDF : 540237.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

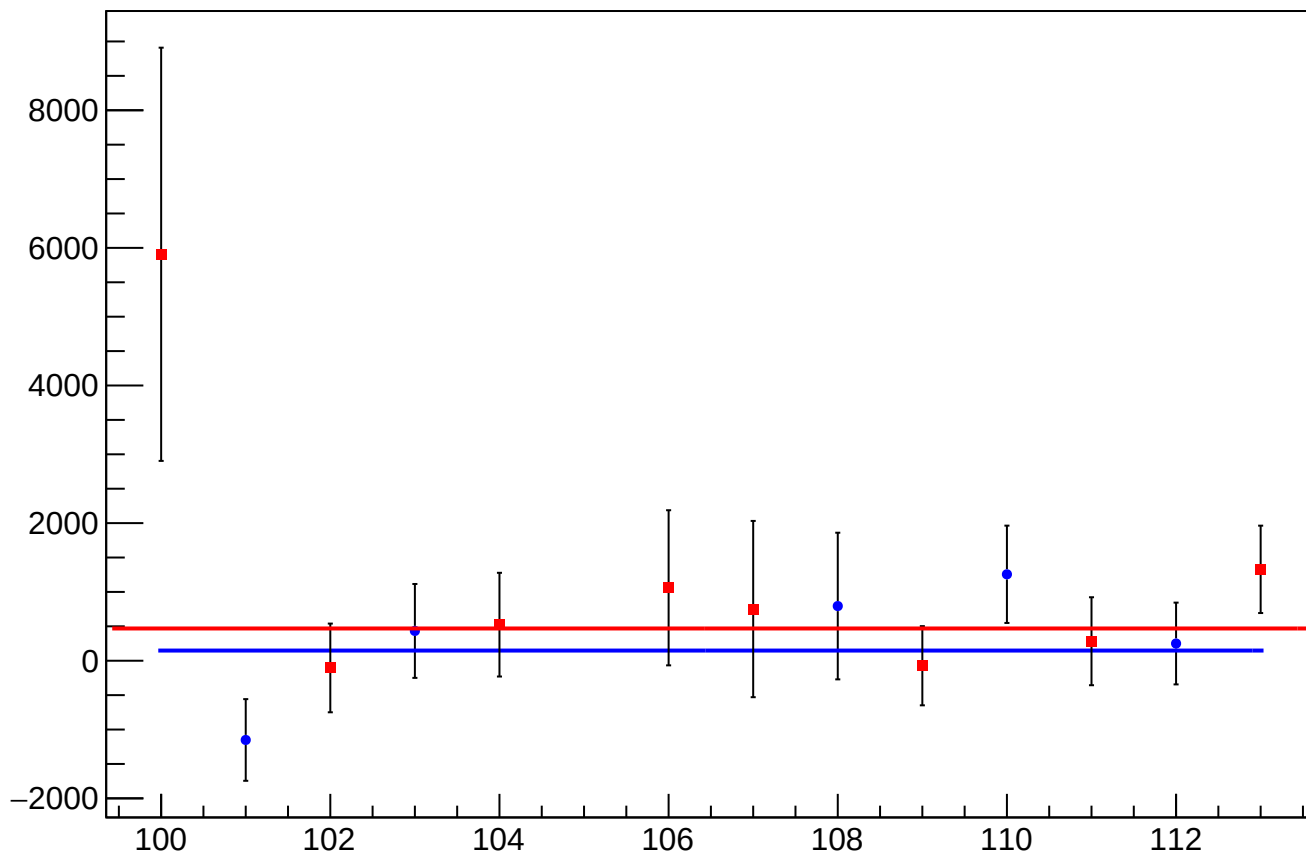
Right: 51.952+/-0.016 χ^2/NDF : 1005862.3/12

In: 54.531+/-0.026 χ^2/NDF : 449048.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.952+/-0.016 χ^2/NDF : 1005862.3/12

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: 468.762+/-270.932 χ^2/NDF : 7.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

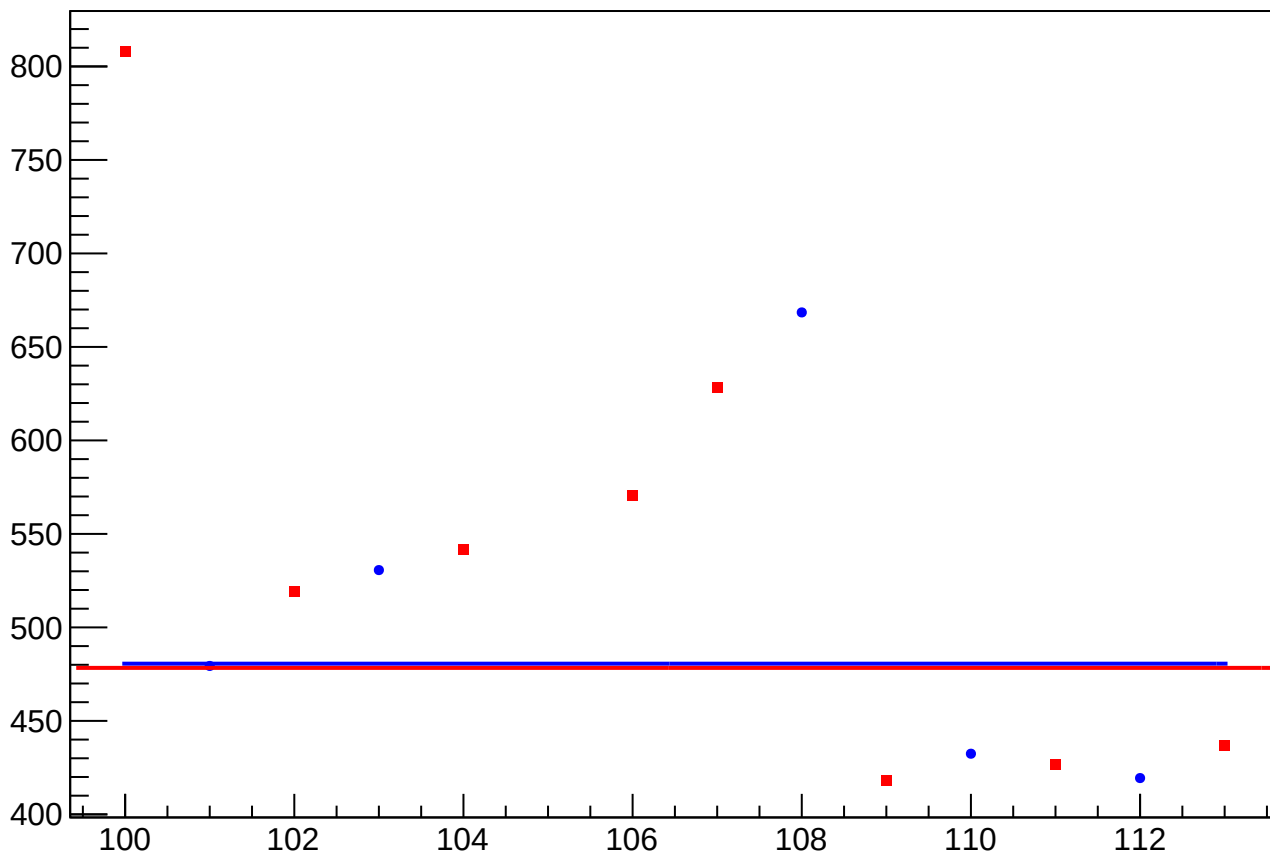
Right: 327.606+/-202.763 χ^2/NDF : 15.6/12

In: 147.887+/-305.708 χ^2/NDF : 7.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 327.606+/-202.763 χ^2/NDF : 15.6/12

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: 478.346+/-0.192 χ^2/NDF : 130337.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

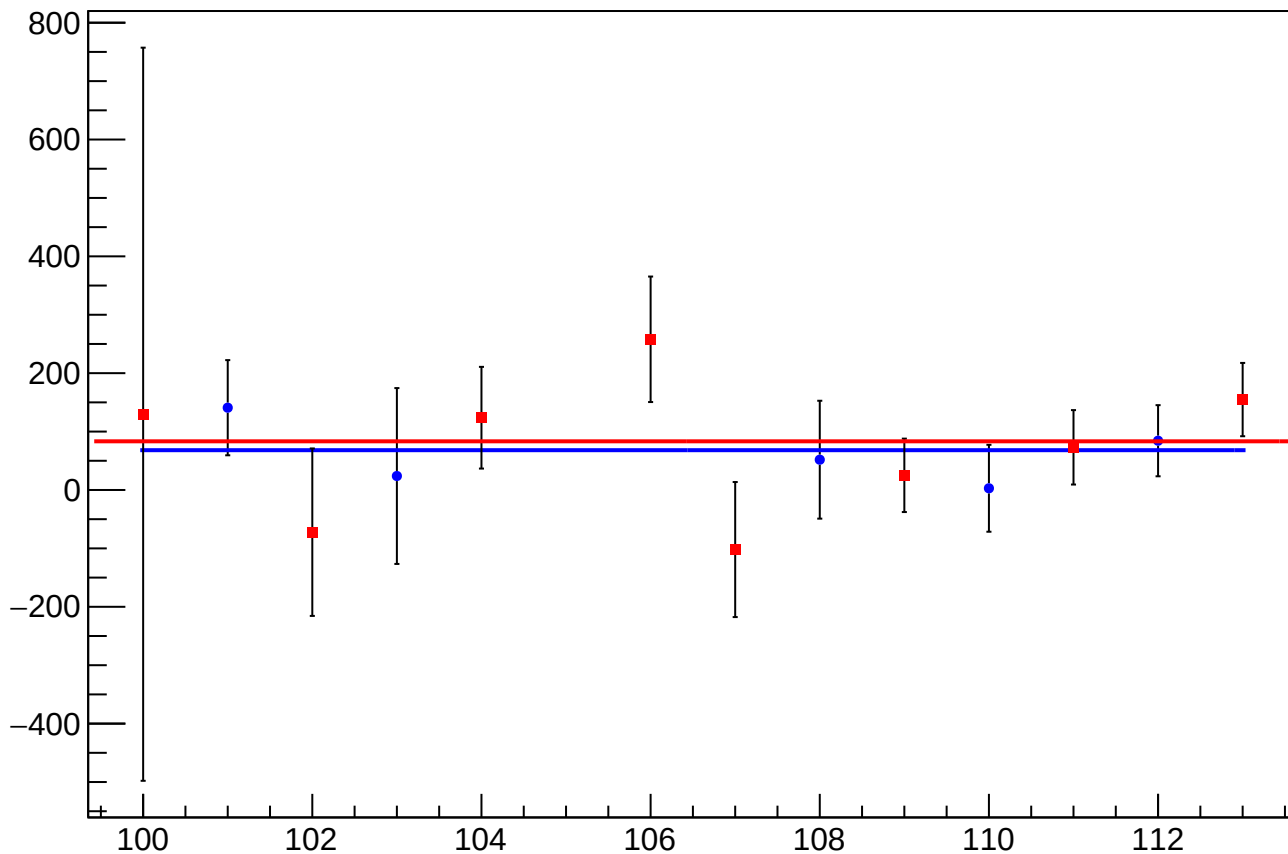
Right: 479.336+/-0.143 χ^2/NDF : 233800.9/12

In: 480.598+/-0.216 χ^2/NDF : 103402.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 479.336+/-0.143 χ^2/NDF : 233800.9/12

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: 83.326+/-30.179 χ^2/NDF : 8.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

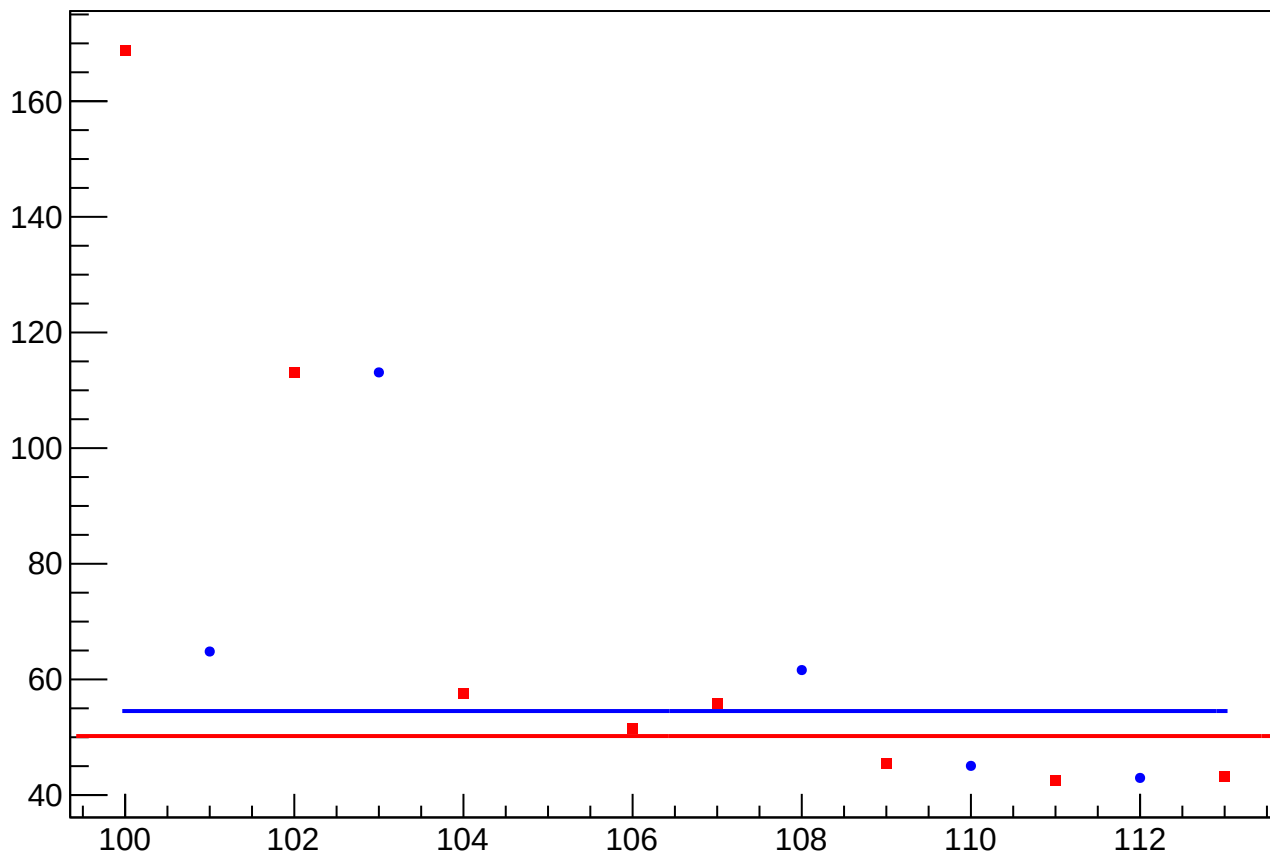
Right: 77.193+/-23.305 χ^2/NDF : 10.6/12

In: 68.131+/-36.682 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.193+/-23.305 χ^2/NDF : 10.6/12

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: 50.206+/-0.021 χ^2/NDF : 540237.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

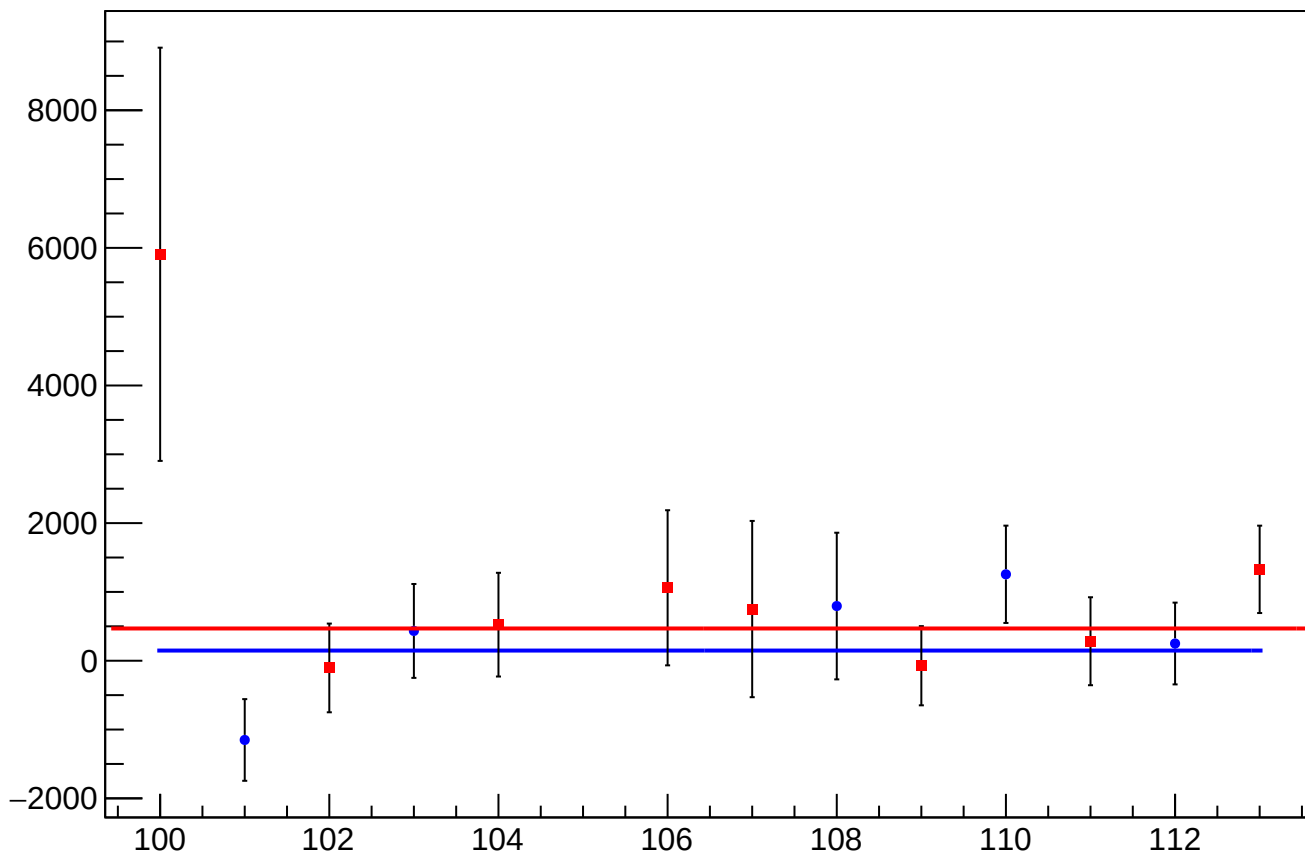
Right: 51.952+/-0.016 χ^2/NDF : 1005862.3/12

In: 54.531+/-0.026 χ^2/NDF :449048.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 51.952+/-0.016 χ^2/NDF : 1005862.3/12

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: 468.762+/-270.932 χ^2/NDF : 7.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

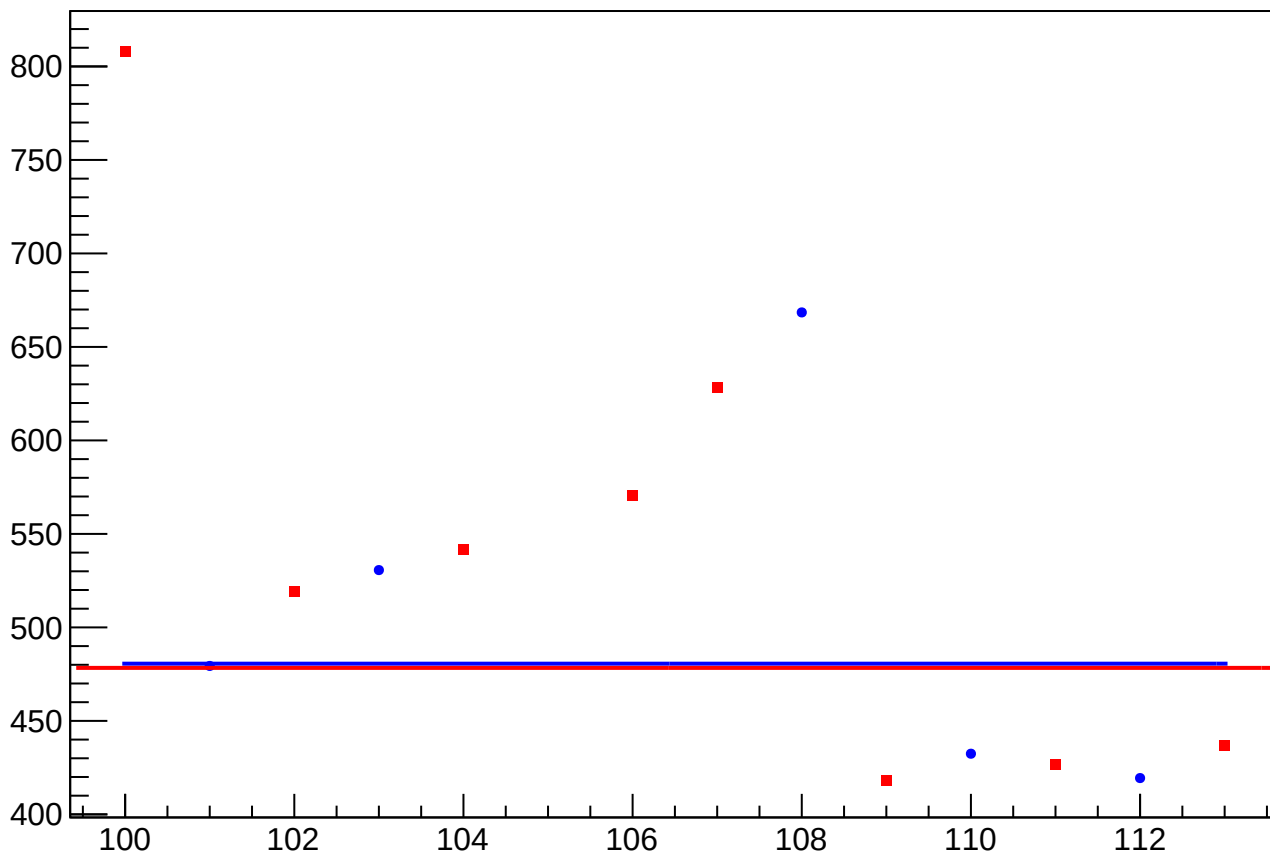
Right: 327.606+/-202.763 χ^2/NDF : 15.6/12

In: 147.887+/-305.708 χ^2/NDF : 7.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 327.606+/-202.763 χ^2/NDF : 15.6/12

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: 478.346+/-0.192 χ^2/NDF : 130337.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

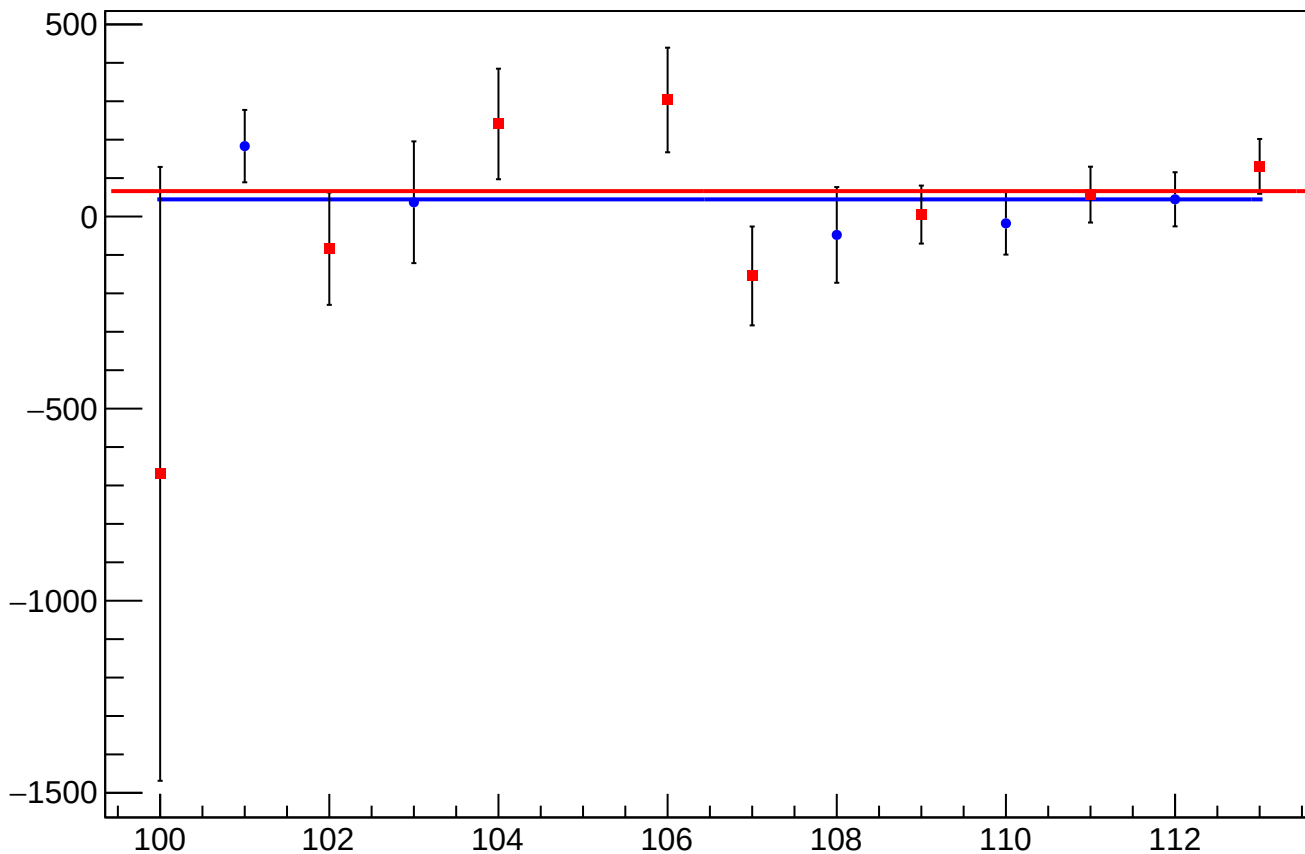
Right: 479.336+/-0.143 χ^2/NDF : 233800.9/12

In: 480.598+/-0.216 χ^2/NDF : 103402.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 479.336+/-0.143 χ^2/NDF : 233800.9/12

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 44.607+/-41.903 χ^2/NDF : 3.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.109+/-35.980 χ^2/NDF : 10.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

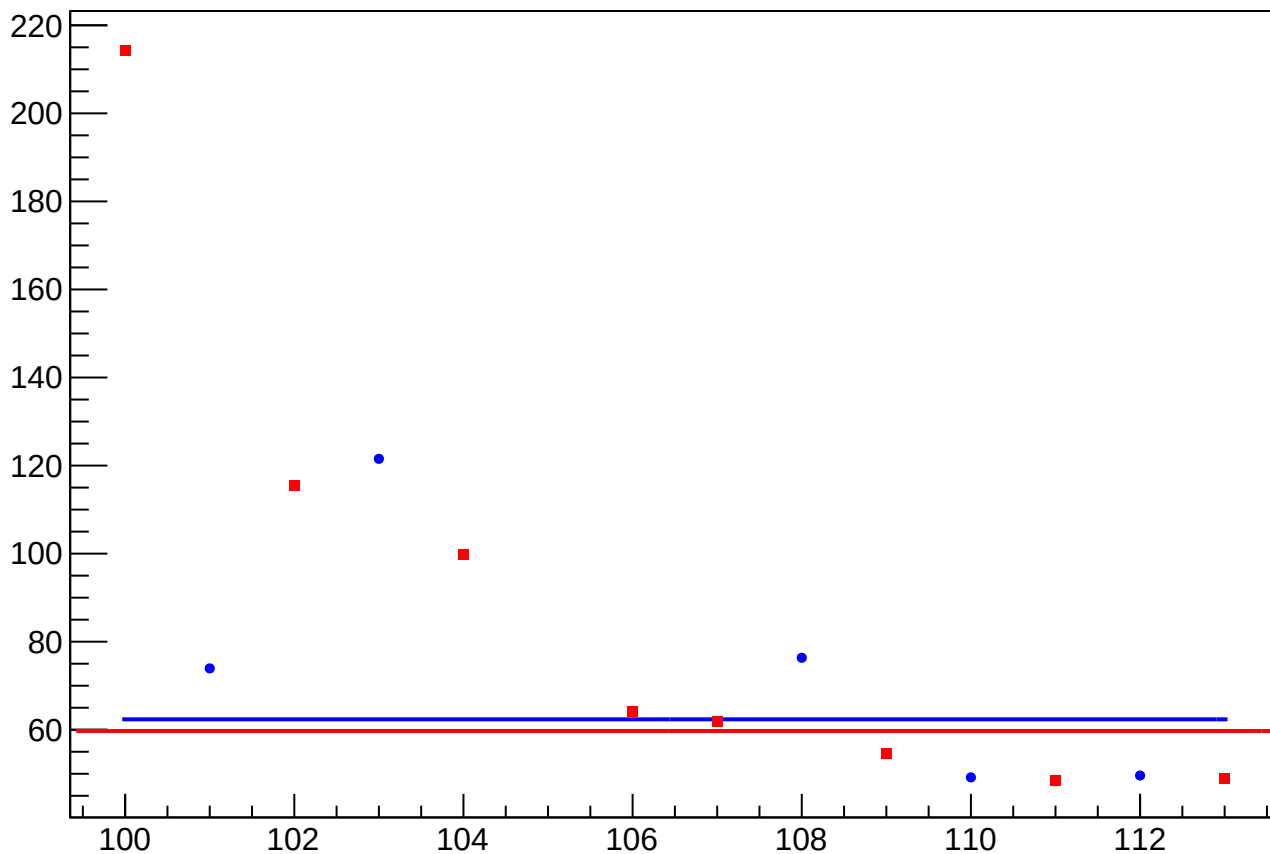
Right: 56.984+/-27.298 χ^2/NDF : 14.3/12

In: 44.607+/-41.903 χ^2/NDF : 3.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.984+/-27.298 χ^2/NDF : 14.3/12

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 62.367 $\pm$ 0.030 χ^2 /NDF: 452343.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 59.721 $\pm$ 0.025 χ^2 /NDF: 627061.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

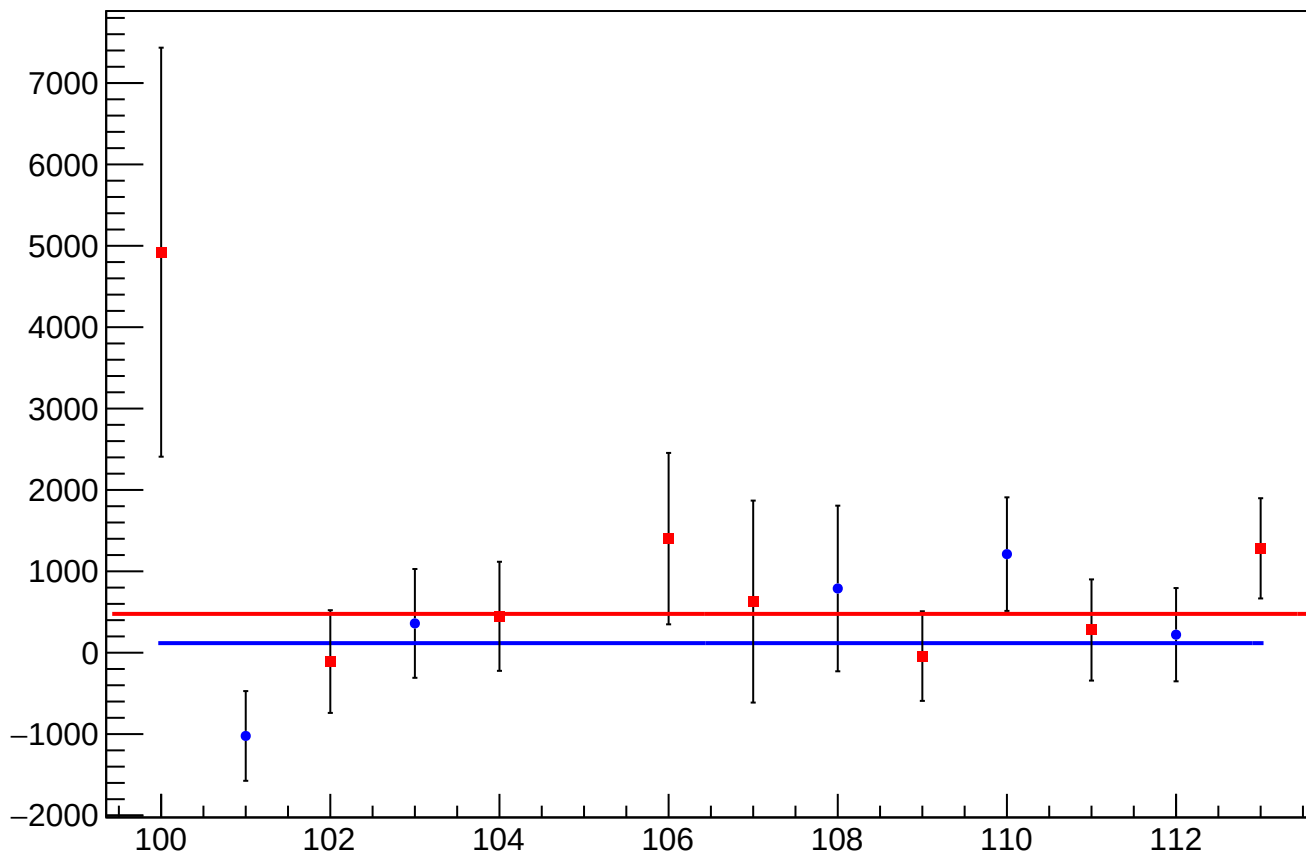
Right: 60.844 $\pm$ 0.019 χ^2 /NDF: 1083995.8/12

In: 62.367 $\pm$ 0.030 χ^2 /NDF:452343.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 60.844 $\pm$ 0.019 χ^2 /NDF: 1083995.8/12

asym_sam_1357_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 117.619+/-293.695 χ^2/NDF : 7.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 477.003+/-258.451 χ^2/NDF : 7.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

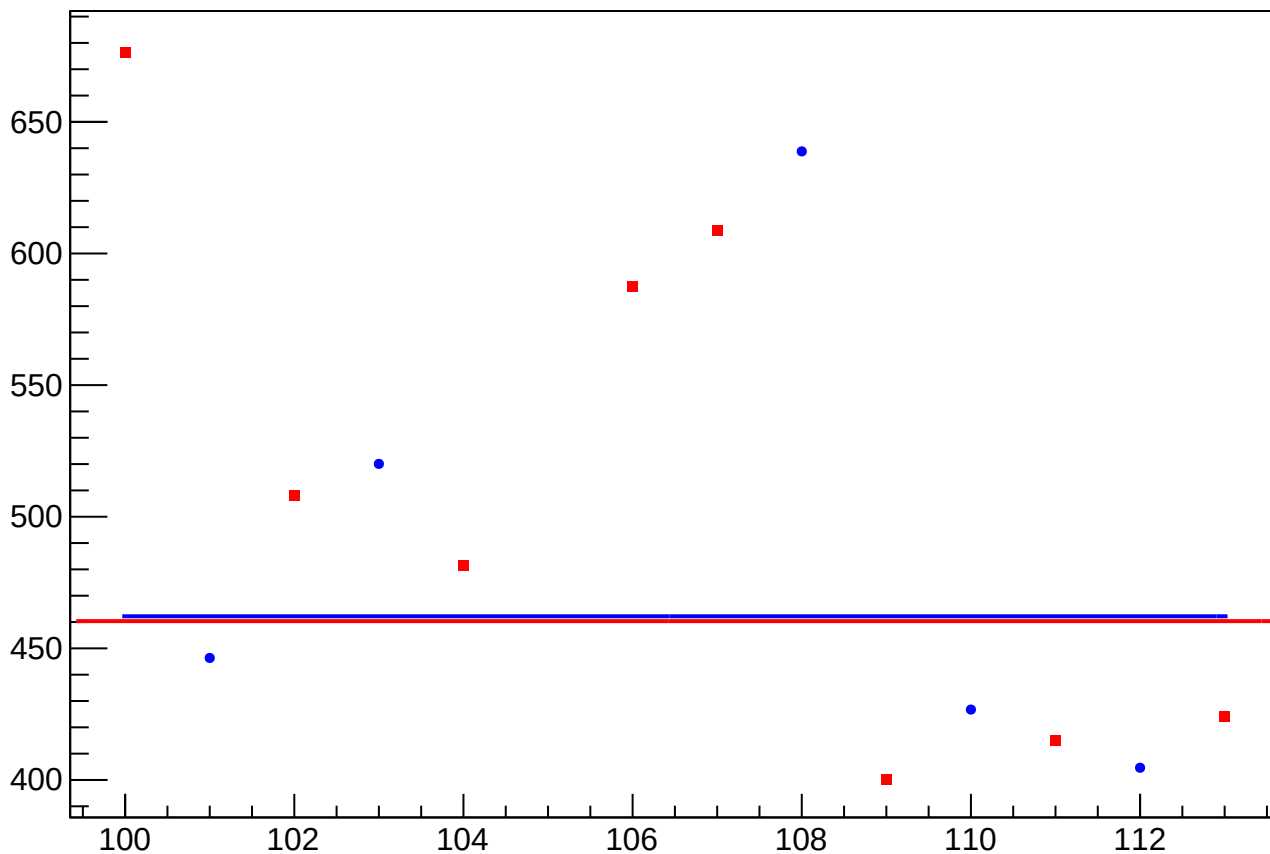
Right: 320.158+/-194.023 χ^2/NDF : 15.7/12

In: 117.619+/-293.695 χ^2/NDF : 7.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 320.158+/-194.023 χ^2/NDF : 15.7/12

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: 460.346+/-0.183 χ^2/NDF : 127490.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

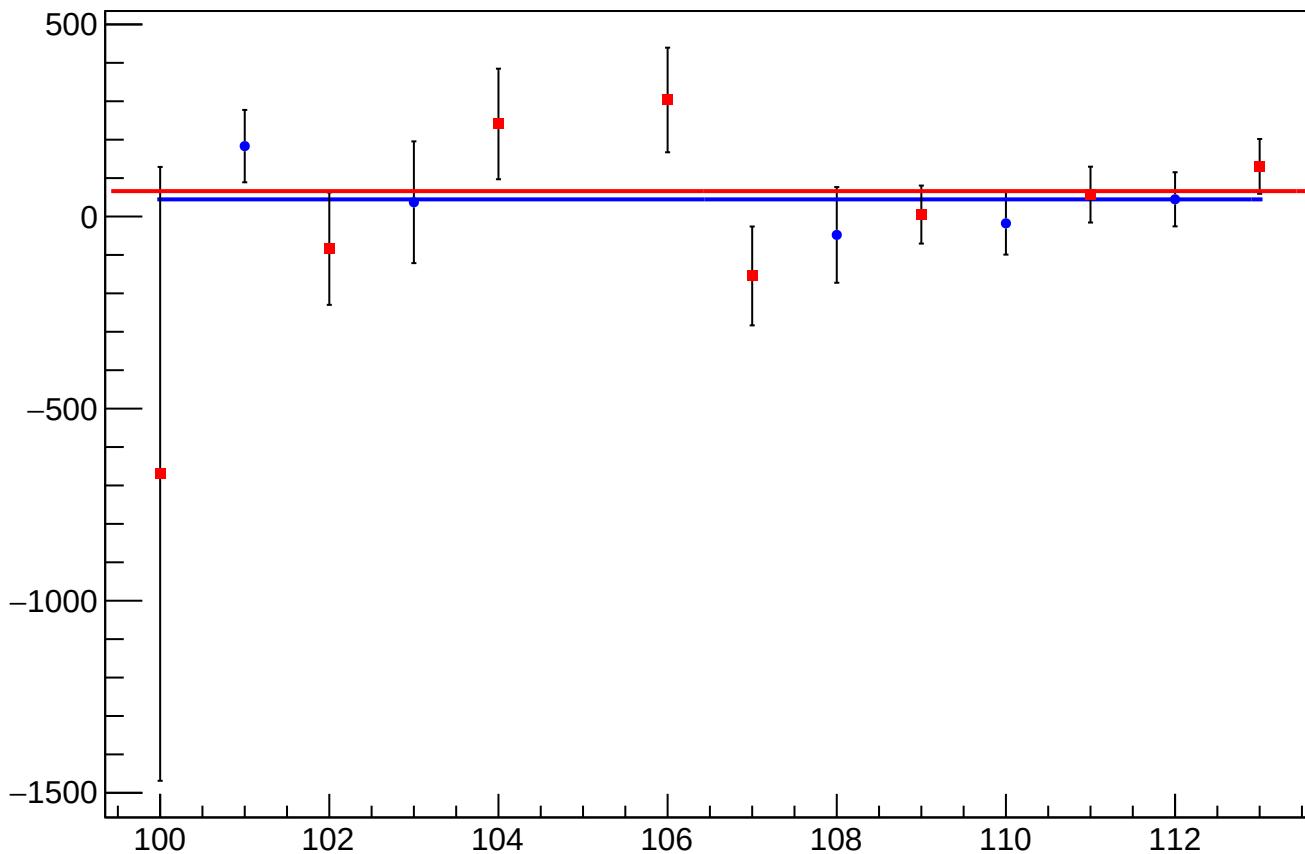
Right: 461.147+/-0.137 χ^2/NDF : 229741.5/12

In: 462.183+/-0.208 χ^2/NDF : 102206.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 461.147+/-0.137 χ^2/NDF : 229741.5/12

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: 66.108+/-35.980 χ^2/NDF : 10.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

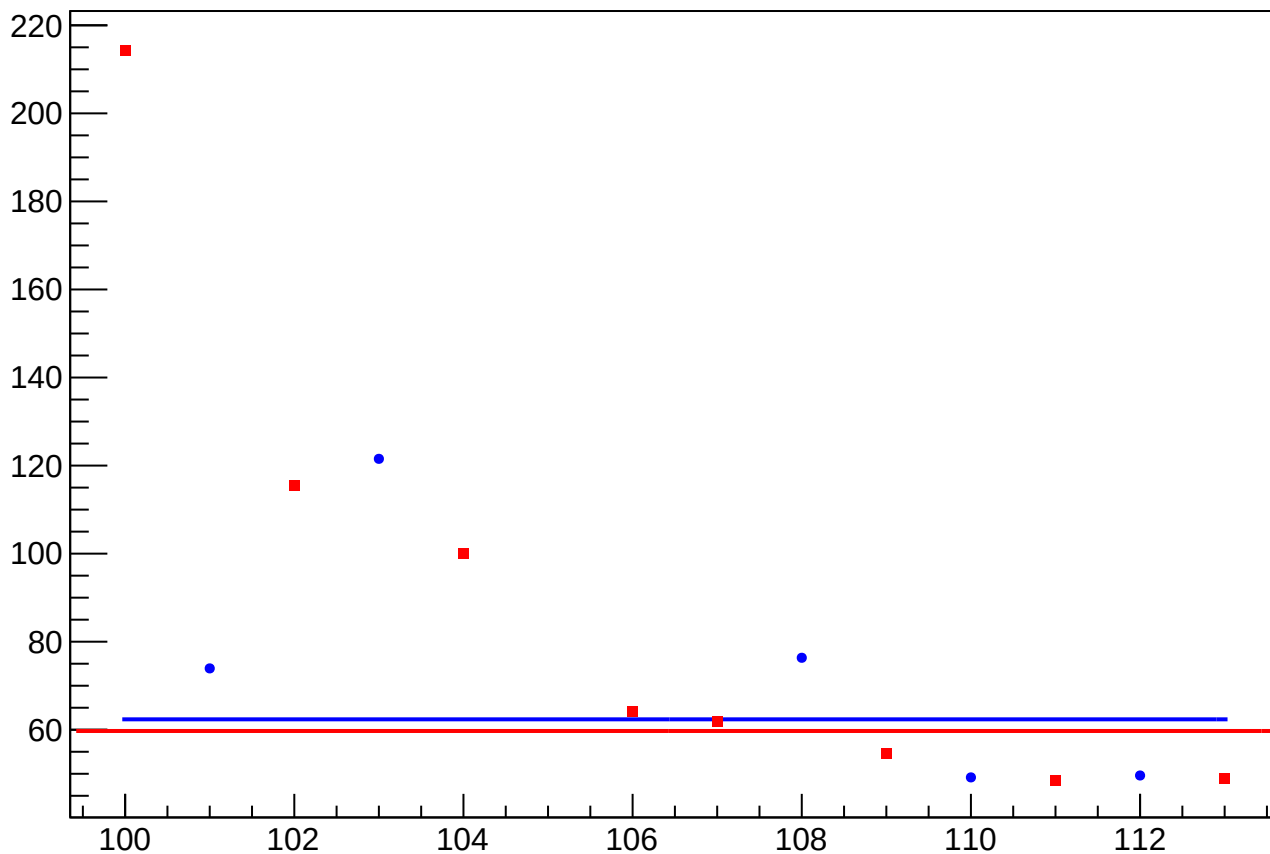
Right: 56.983+/-27.298 χ^2/NDF : 14.3/12

In: 44.606+/-41.903 χ^2/NDF : 3.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.983+/-27.298 χ^2/NDF : 14.3/12

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: 59.721+/-0.025 χ^2/NDF : 627062.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

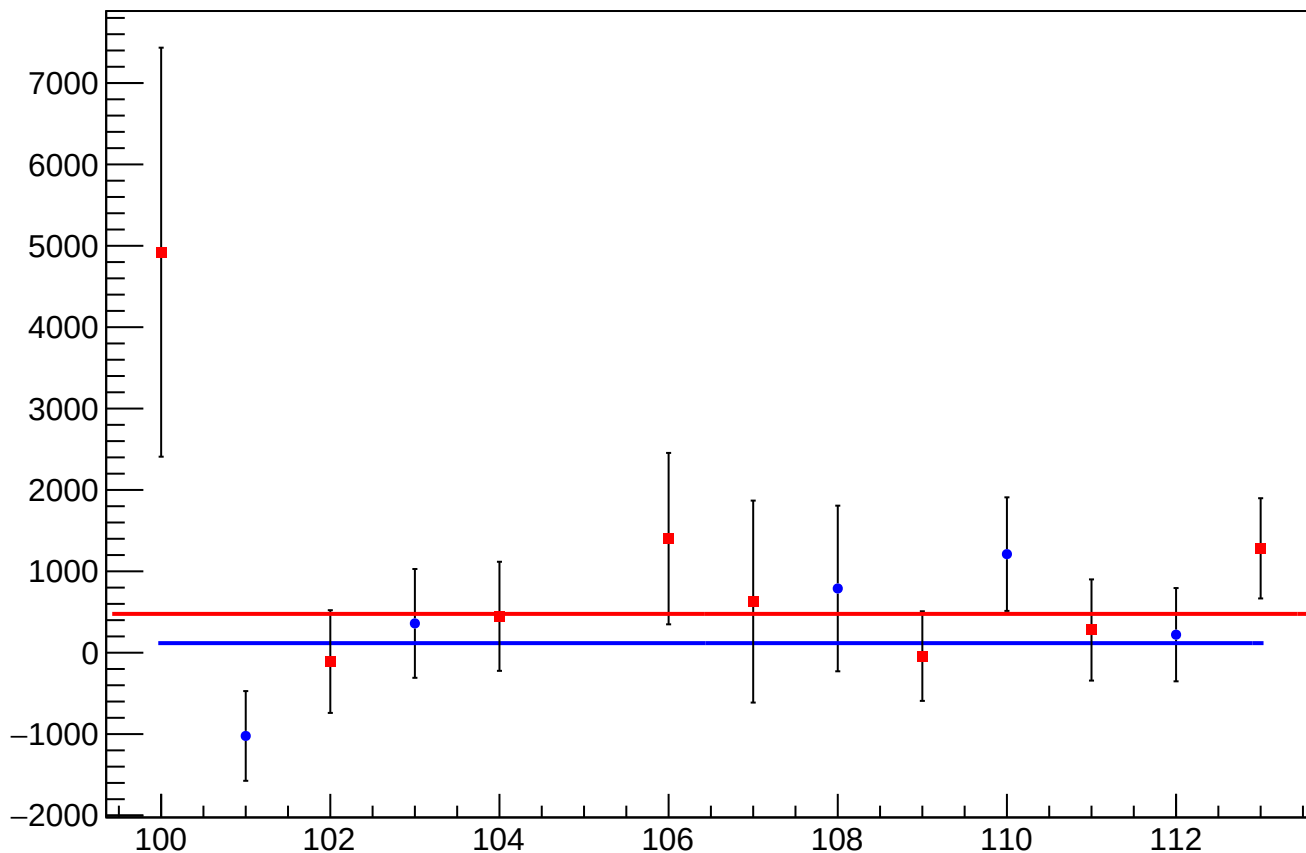
Right: 60.844+/-0.019 χ^2/NDF : 1083997.7/12

In: 62.367+/-0.030 χ^2/NDF :452344.0/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 60.844+/-0.019 χ^2/NDF : 1083997.7/12

asym_sam_1357_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 117.618+/-293.694 χ^2/NDF : 7.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 477.002+/-258.450 χ^2/NDF : 7.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

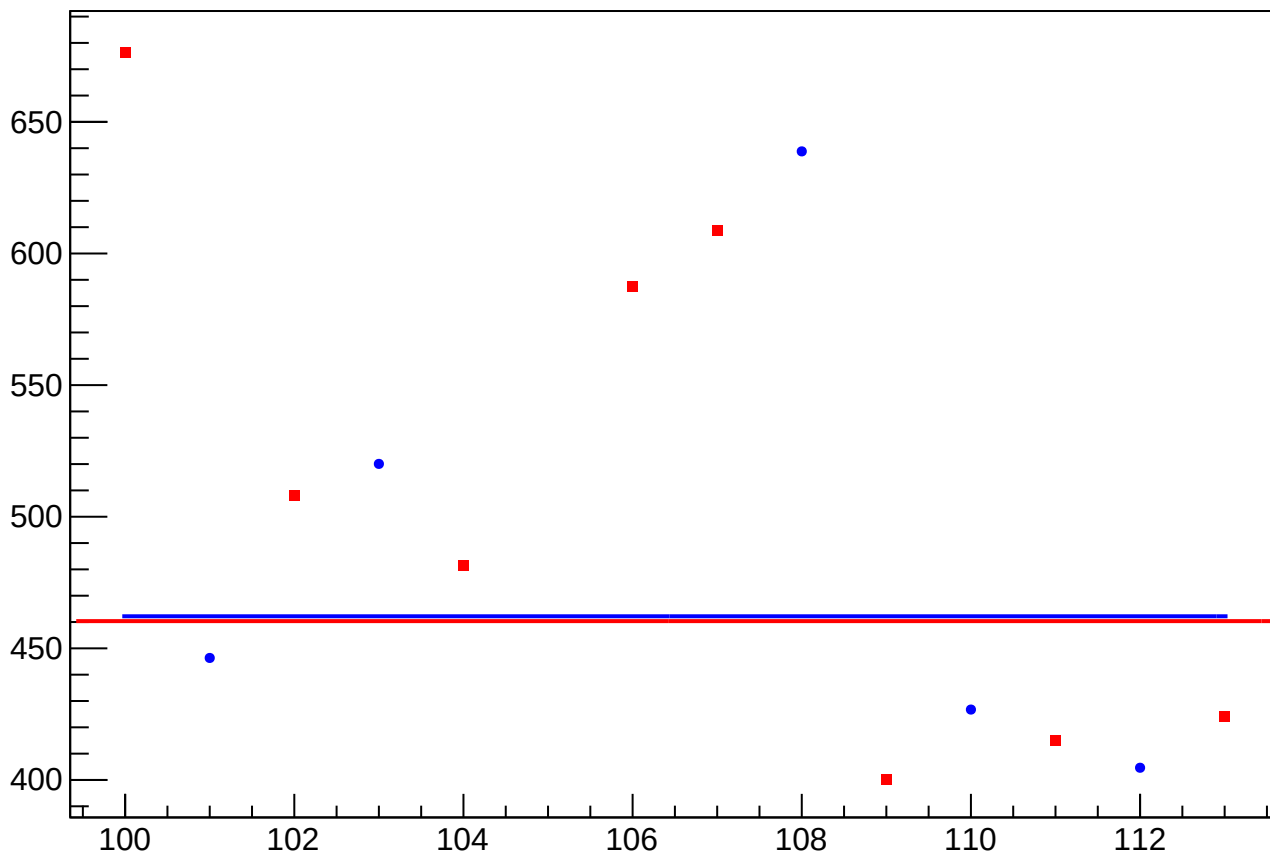
Right: 320.156+/-194.022 χ^2/NDF : 15.7/12

In: 117.618+/-293.694 χ^2/NDF : 7.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 320.156+/-194.022 χ^2/NDF : 15.7/12

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: 460.345+/-0.183 χ^2/NDF : 127490.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

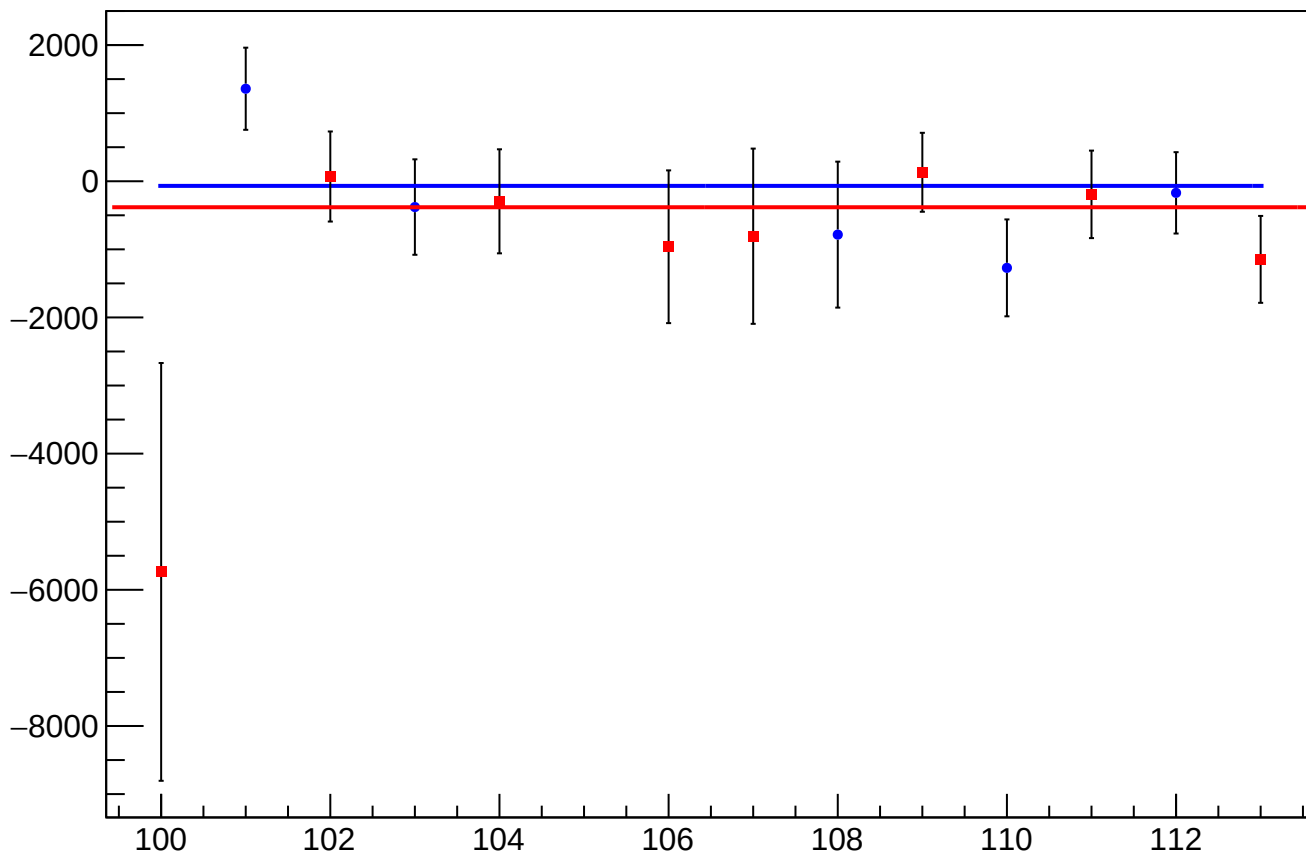
Right: 461.146+/-0.137 χ^2/NDF : 229741.5/12

In: 462.181+/-0.208 χ^2/NDF : 102206.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 461.146+/-0.137 χ^2/NDF : 229741.5/12

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: -381.715 ± 273.599 χ^2/NDF : 6.2/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

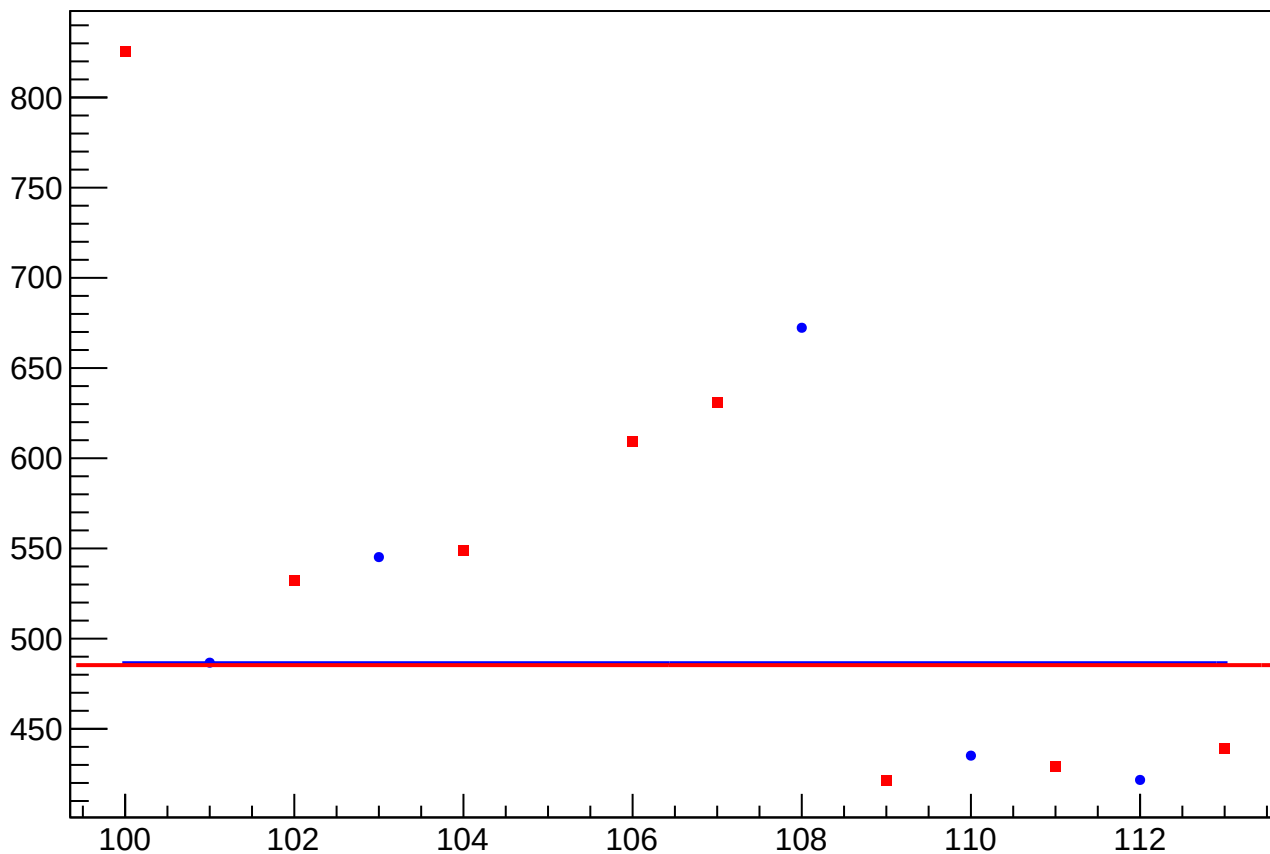
Right: -244.146 ± 205.021 χ^2/NDF : 15.9/12

In: -67.970 ± 309.619 χ^2/NDF : 9.1/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -244.146 ± 205.021 χ^2/NDF : 15.9/12

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 486.375 $\pm$ 0.219 χ^2 /NDF: 108112.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 485.319 $\pm$ 0.193 χ^2 /NDF: 148754.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

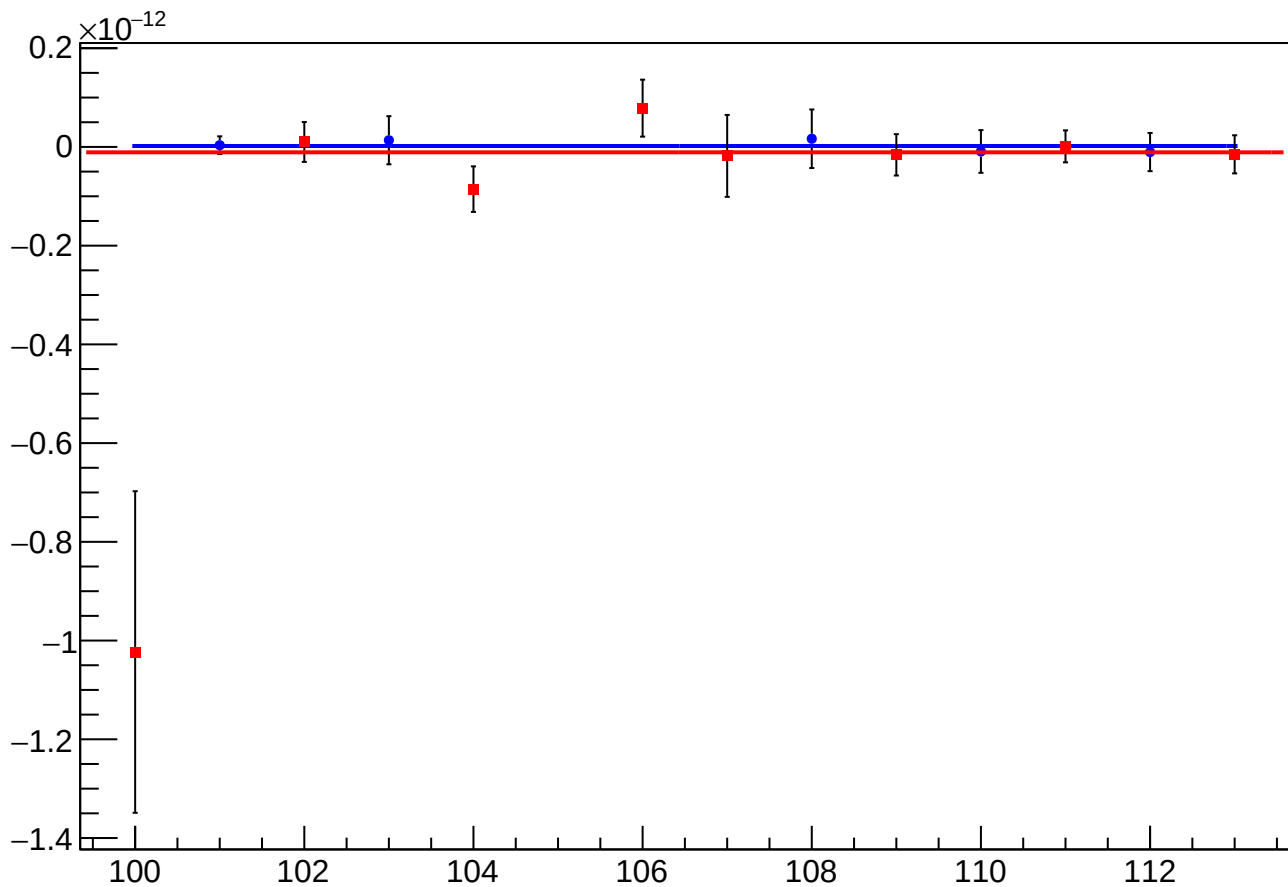
Right: 485.782 $\pm$ 0.145 χ^2 /NDF: 256879.5/12

In: 486.375 $\pm$ 0.219 χ^2 /NDF:108112.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 485.782 $\pm$ 0.145 χ^2 /NDF: 256879.5/12

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 : 15.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

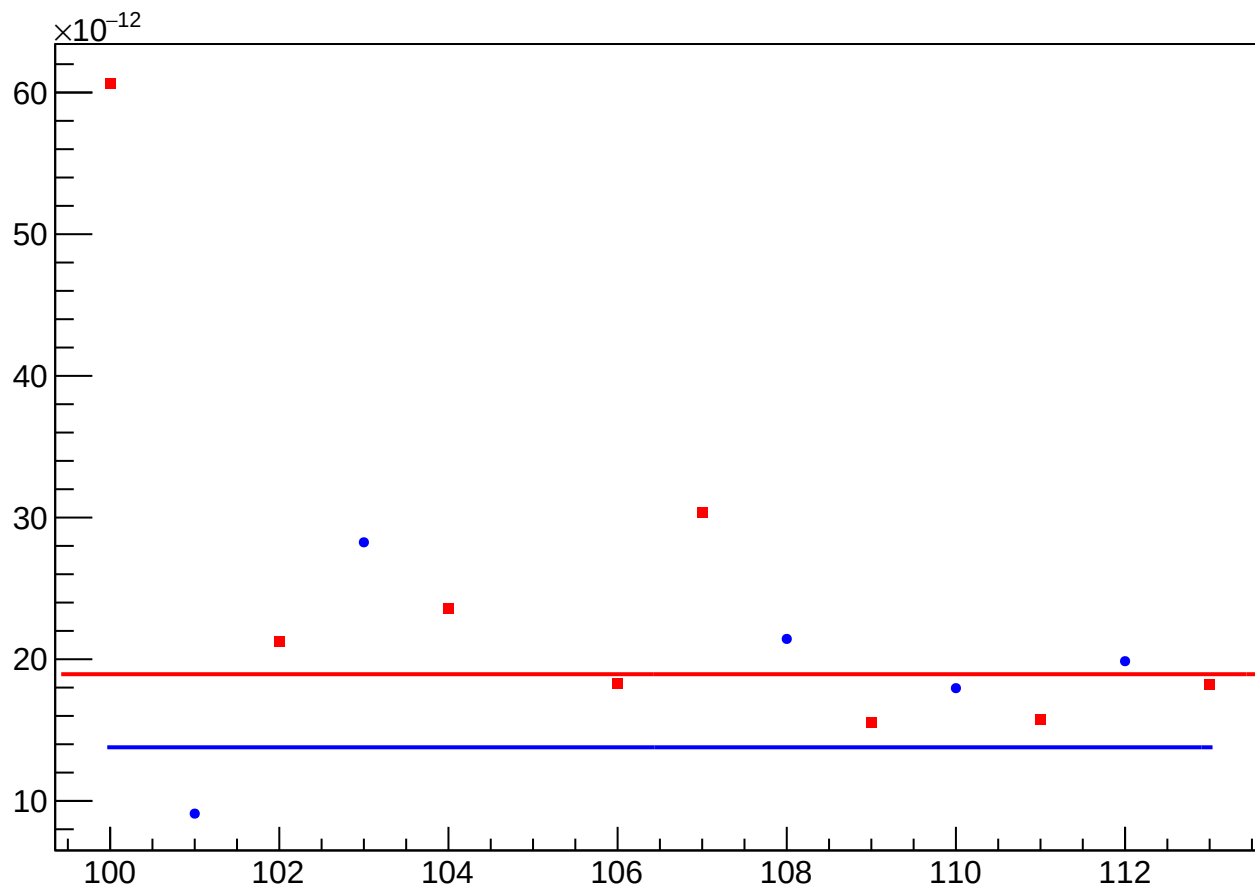
Right: -0.000+/-0.000 χ^2/NDF : 15.8/12

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 : 15.8/12

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 : 131185.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

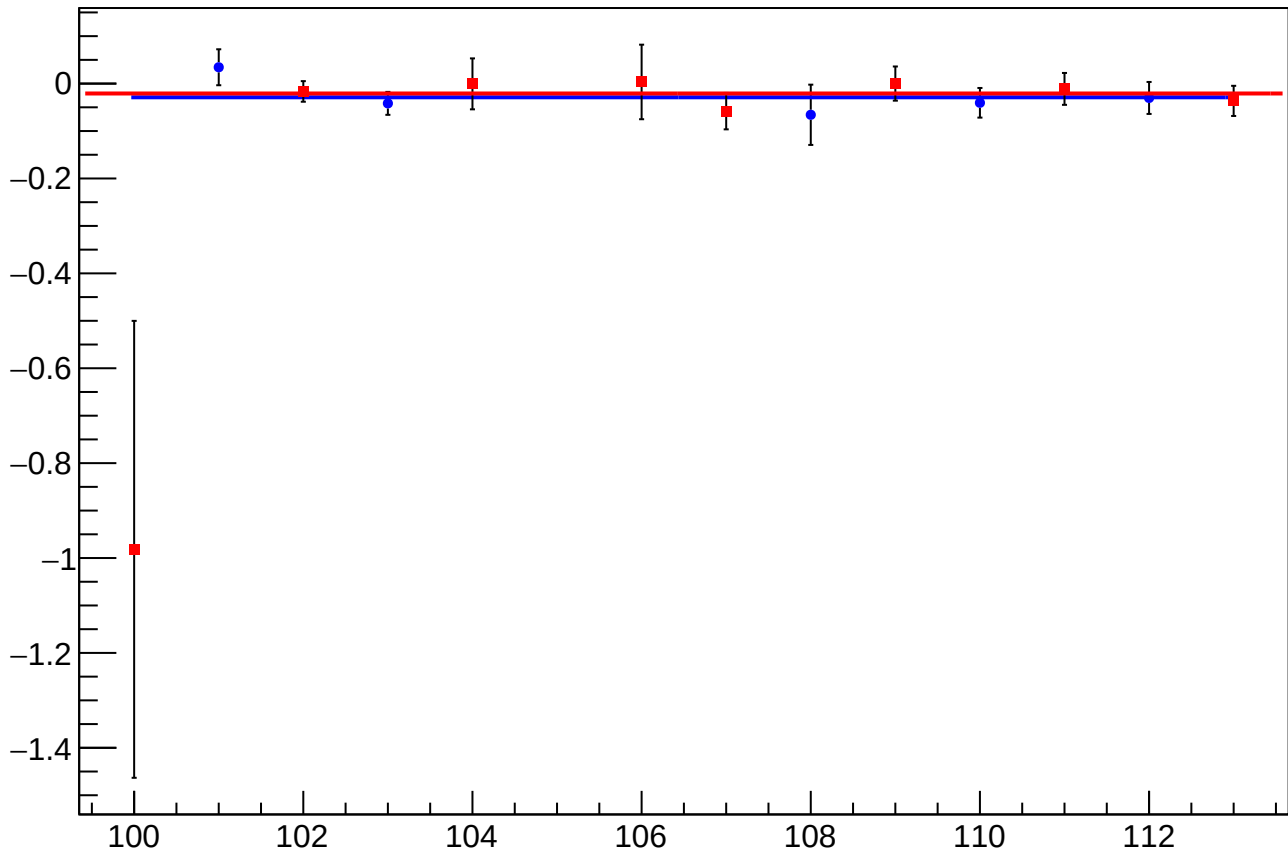
Right: 0.000+/-0.000 χ^2/NDF : 659094.5/12

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 : 659094.5/12

asym_sam_1357_avg_dit_vs_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: -0.021 ± 0.013 χ^2/NDF : 5.9/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

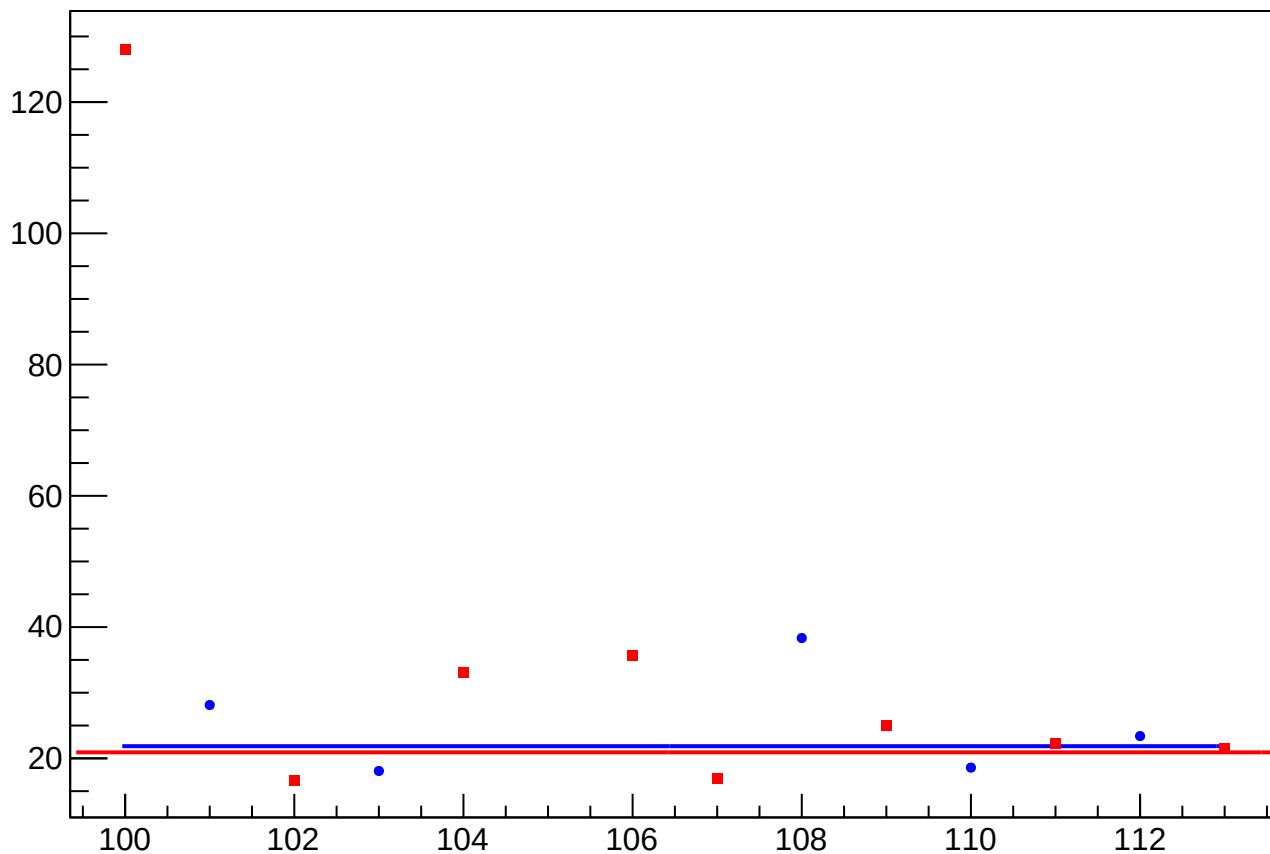
Right: -0.024 ± 0.010 χ^2/NDF : 9.6/12

In: -0.029 ± 0.015 χ^2/NDF : 3.5/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.024 ± 0.010 χ^2/NDF : 9.6/12

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: 20.916+/-0.009 χ^2/NDF : 403420.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

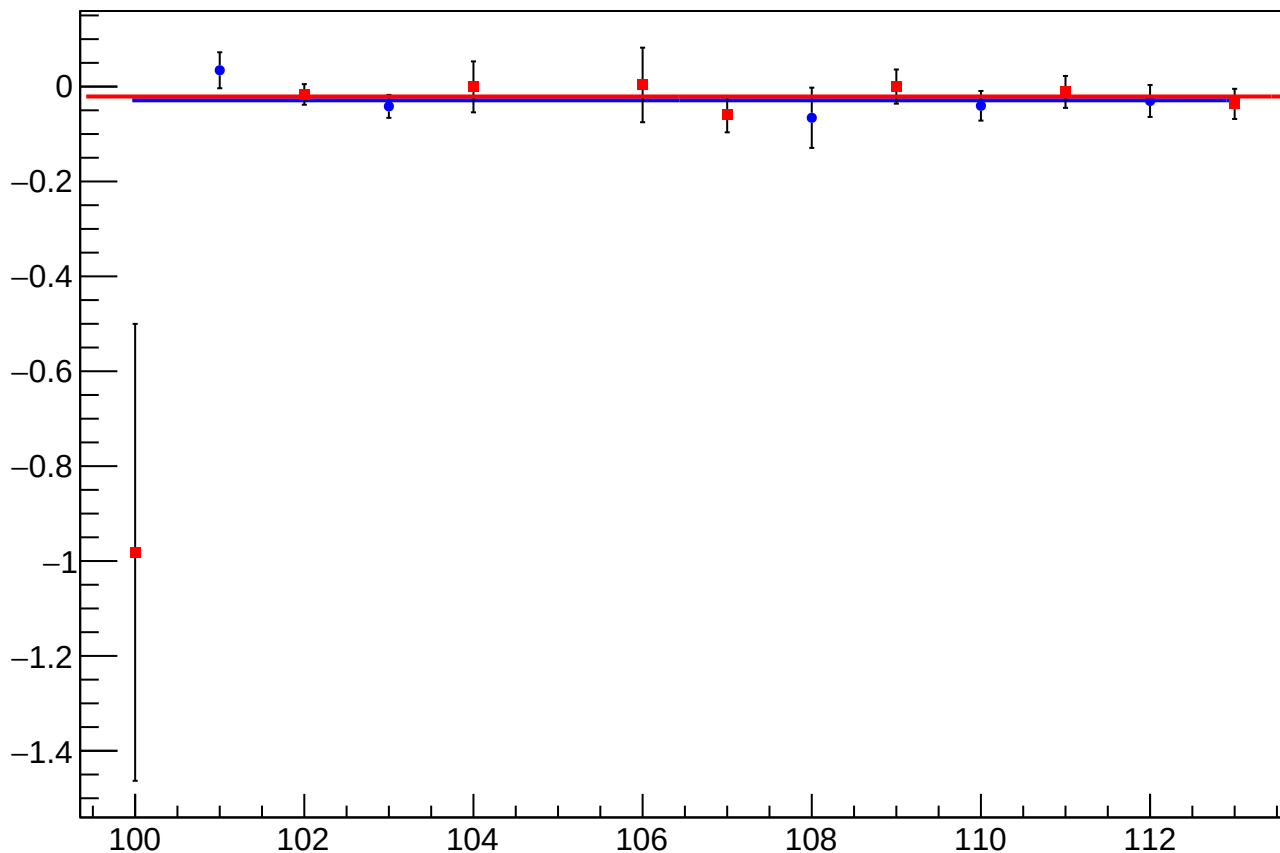
Right: 21.323+/-0.007 χ^2/NDF : 672272.8/12

In: 21.855+/-0.010 χ^2/NDF : 264290.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.323+/-0.007 χ^2/NDF : 672272.8/12

asym_sam_1357_avg_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: -0.021 $\pm$ 0.013 χ^2 /NDF: 5.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

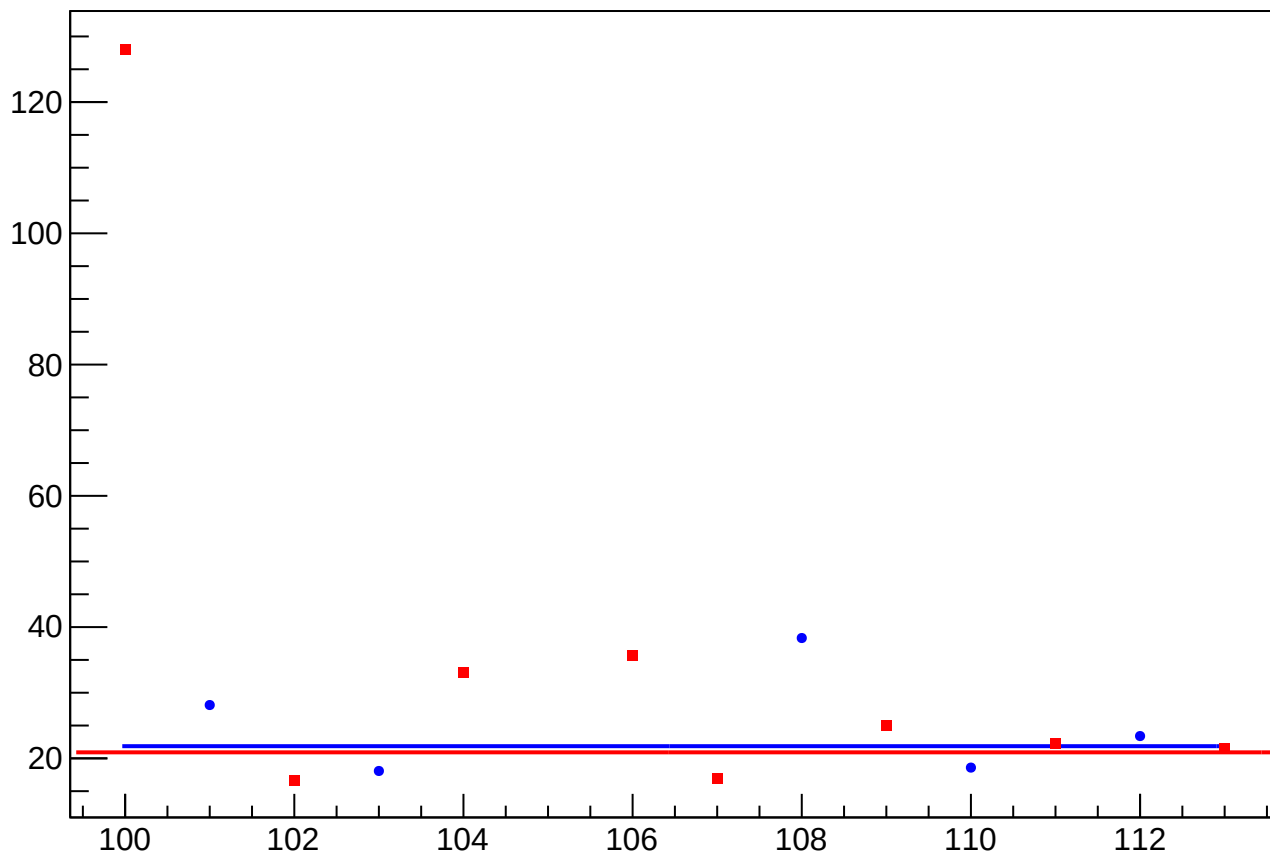
Right: -0.024 $\pm$ 0.010 χ^2 /NDF: 9.6/12

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: -0.024 $\pm$ 0.010 χ^2 /NDF: 9.6/12

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: 20.916+/-0.009 χ^2/NDF : 403420.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

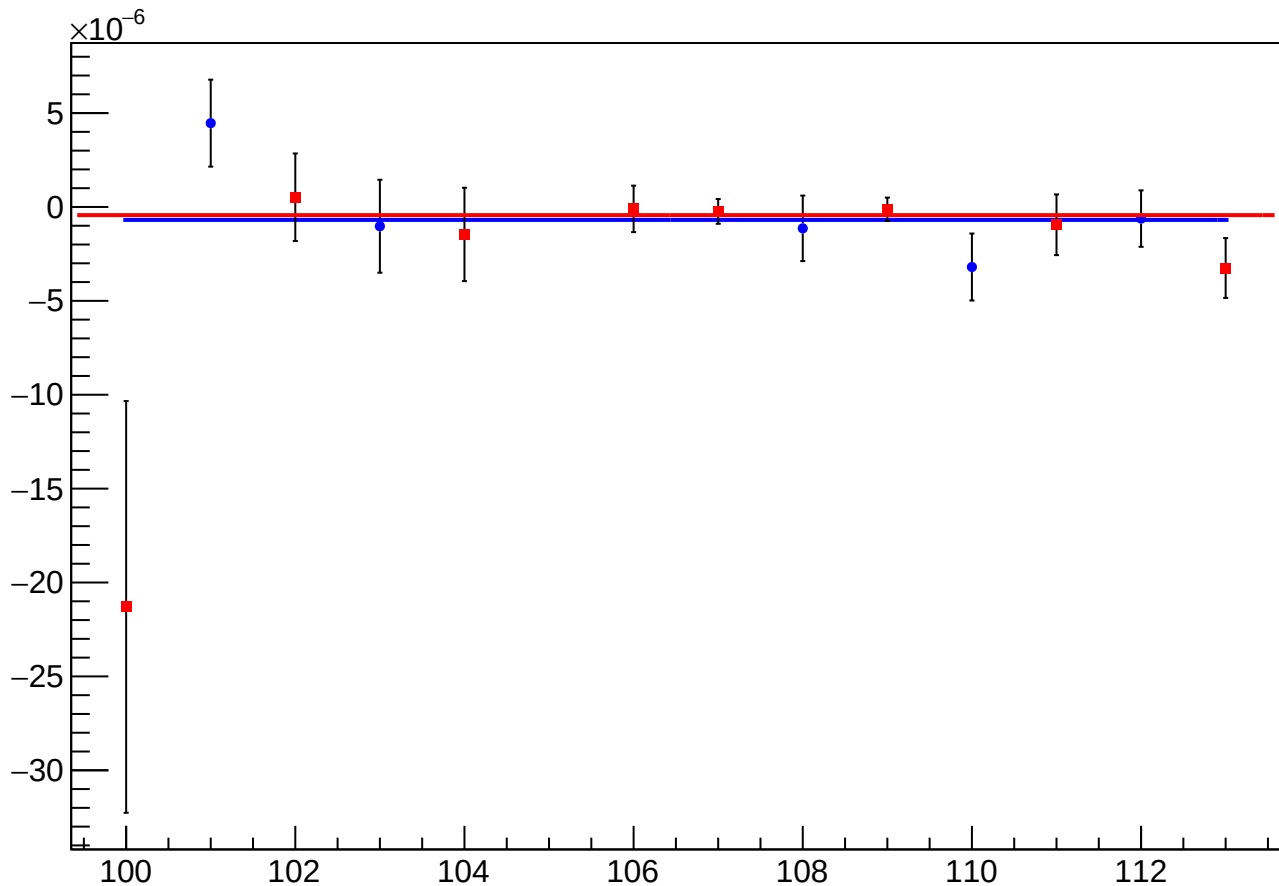
Right: 21.323+/-0.007 χ^2/NDF : 672272.8/12

In: 21.855+/-0.010 χ^2/NDF : 264290.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.323+/-0.007 χ^2/NDF : 672272.8/12

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 : 7.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

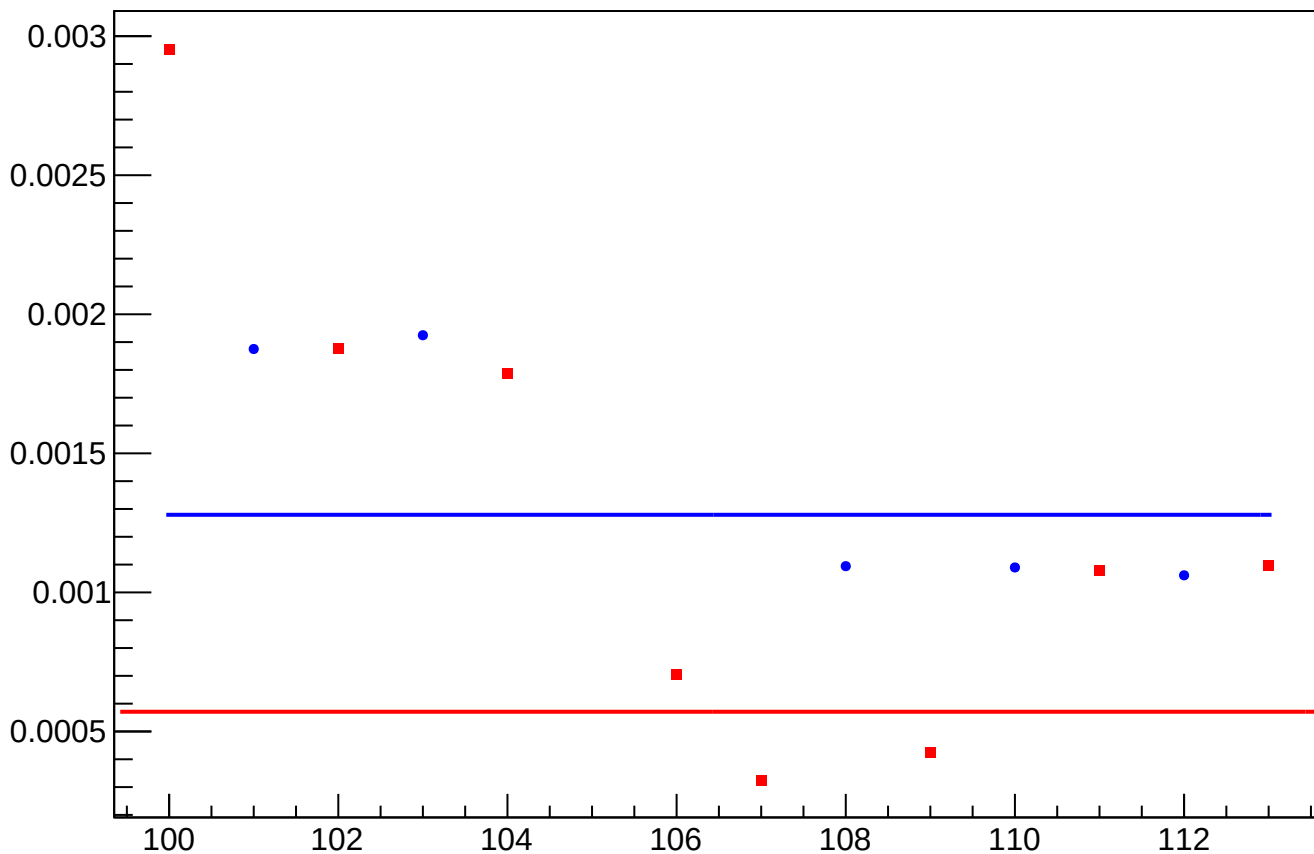
Right: -0.000+/-0.000 χ^2/NDF : 14.7/12

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 : 14.7/12

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 : 2031800.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

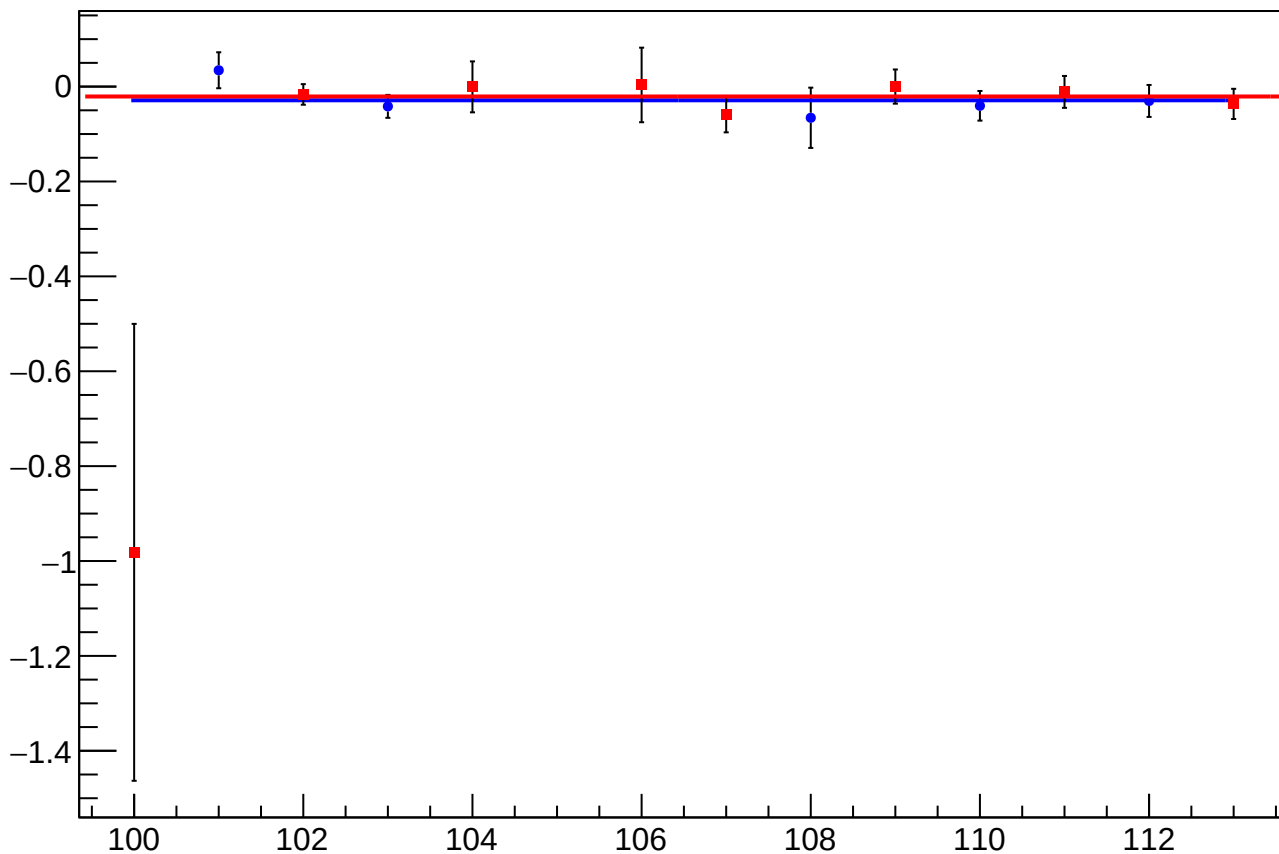
Right: 0.001+/-0.000 χ^2/NDF : 3572646.3/12

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 : 3572646.3/12

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: -0.021 $\pm$ 0.013 χ^2 /NDF: 5.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

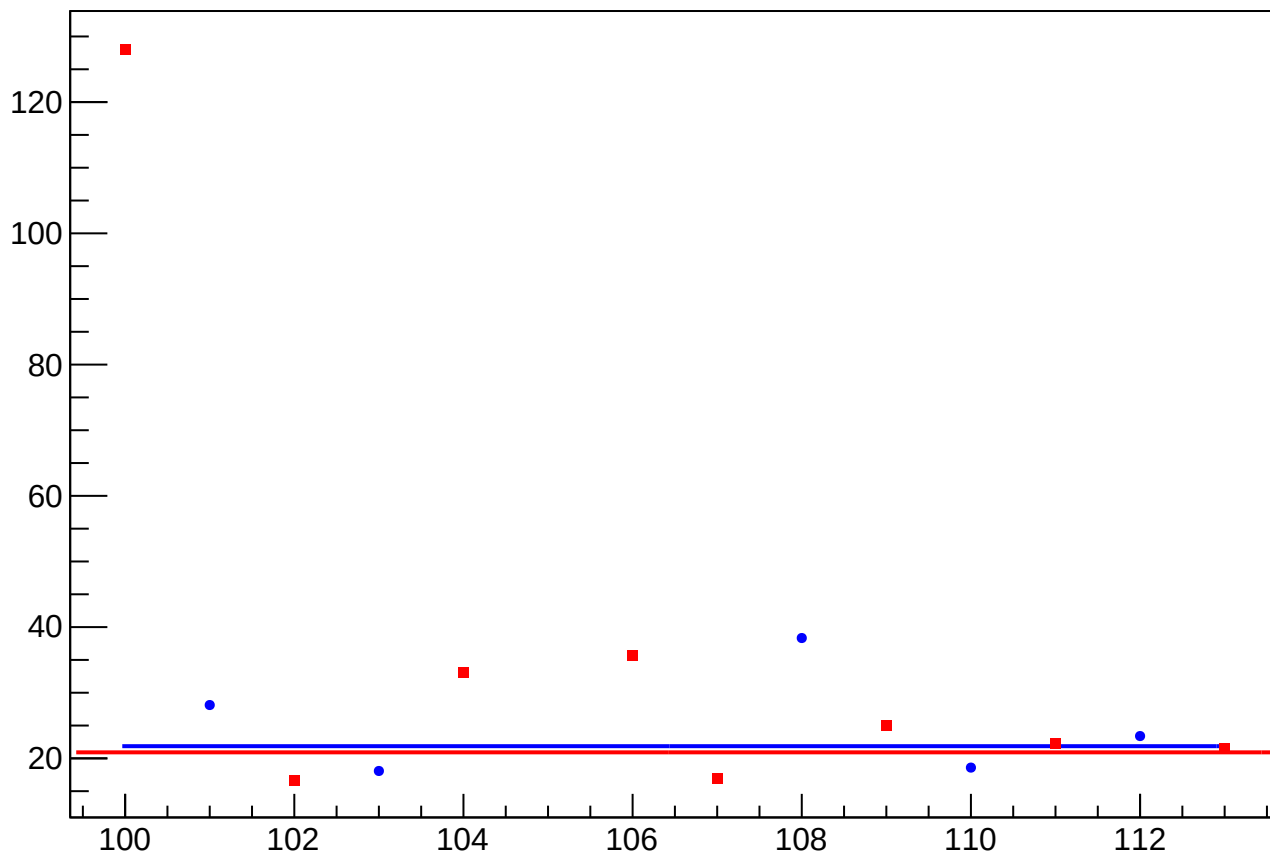
Right: -0.024 $\pm$ 0.010 χ^2 /NDF: 9.6/12

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: -0.024 $\pm$ 0.010 χ^2 /NDF: 9.6/12

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: 20.916+/-0.009 χ^2/NDF : 403424.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

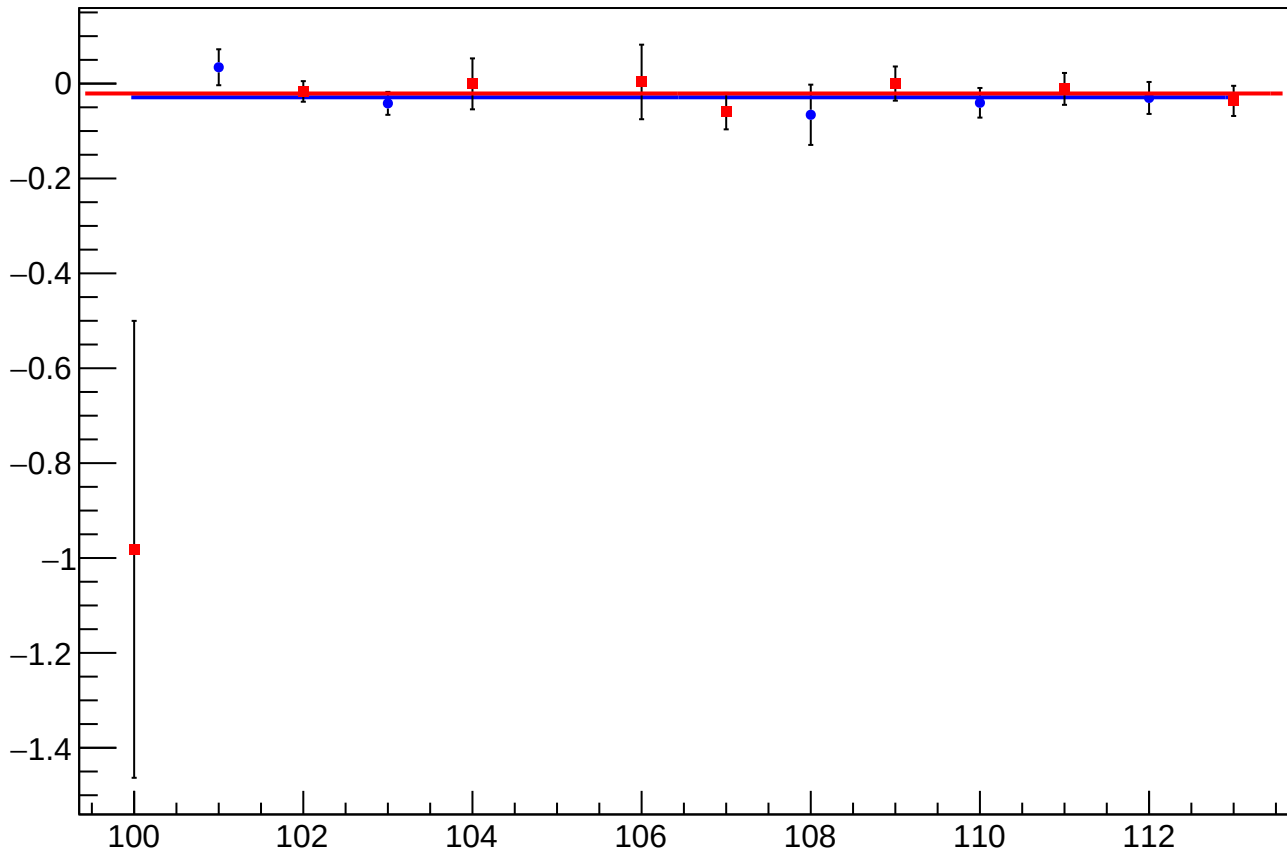
Right: 21.323+/-0.007 χ^2/NDF : 672280.2/12

In: 21.856+/-0.010 χ^2/NDF : 264294.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.323+/-0.007 χ^2/NDF : 672280.2/12

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: -0.021 $\pm$ 0.013 χ^2 /NDF: 5.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

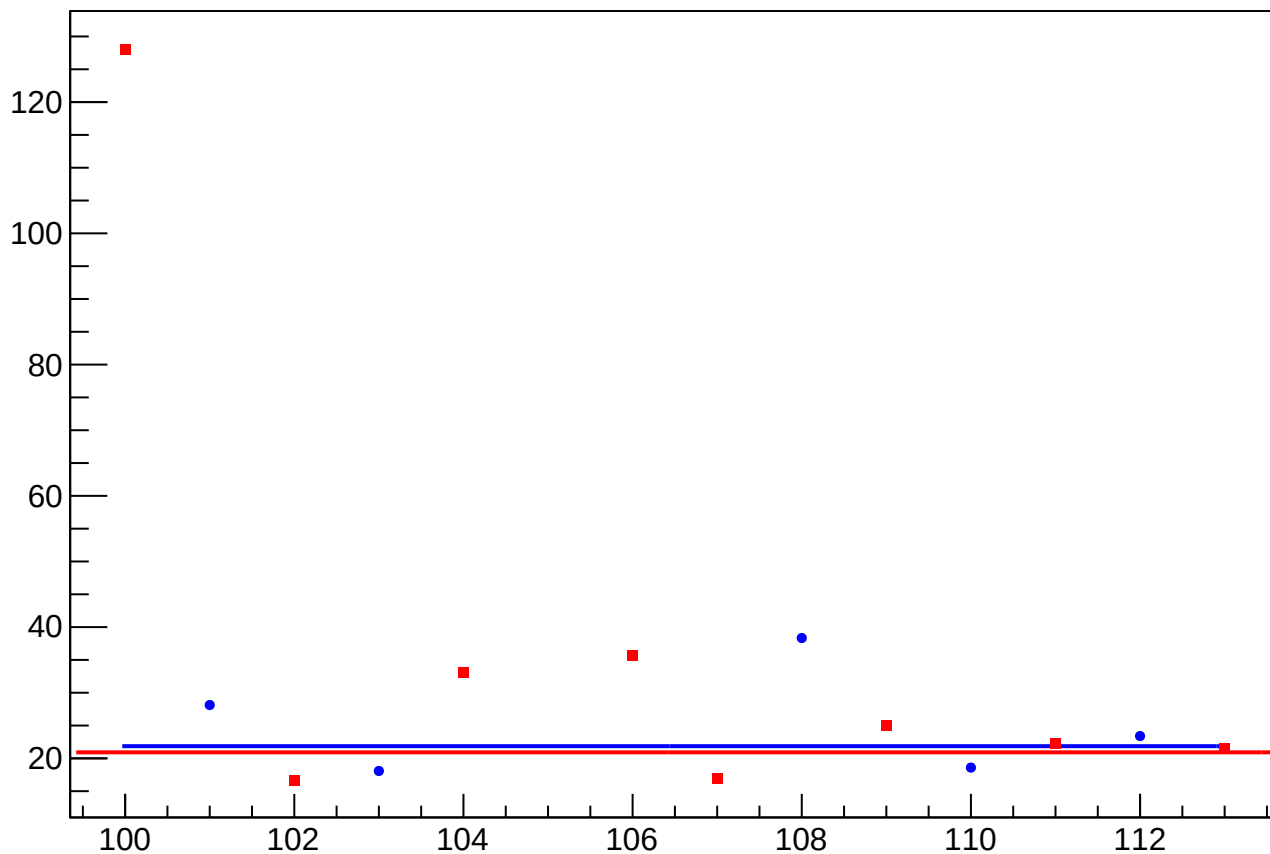
Right: -0.024 $\pm$ 0.010 χ^2 /NDF: 9.6/12

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: -0.024 $\pm$ 0.010 χ^2 /NDF: 9.6/12

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: 20.916+/-0.009 χ^2/NDF : 403424.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

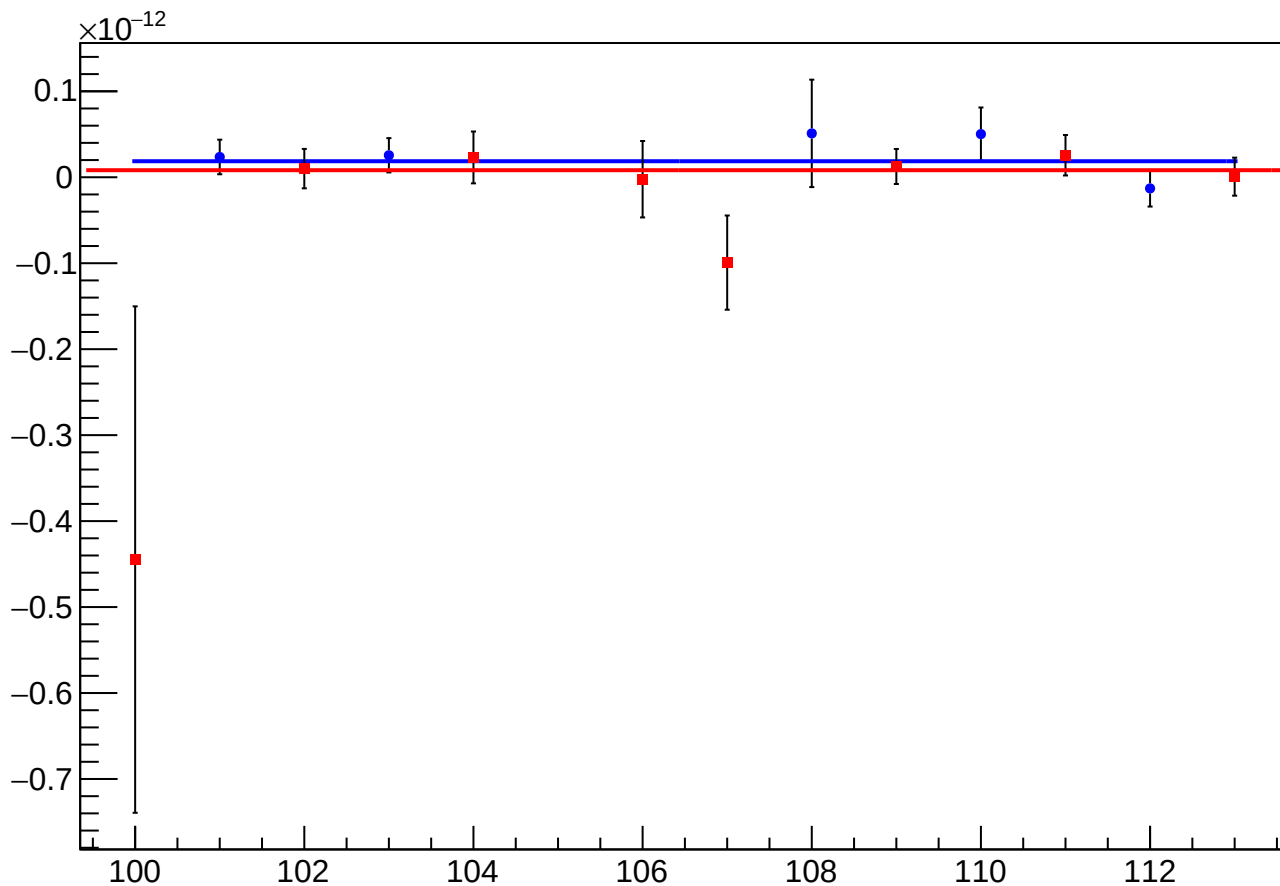
Right: 21.323+/-0.007 χ^2/NDF : 672280.2/12

In: 21.856+/-0.010 χ^2/NDF :264294.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 21.323+/-0.007 χ^2/NDF : 672280.2/12

asym_sam_1357_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

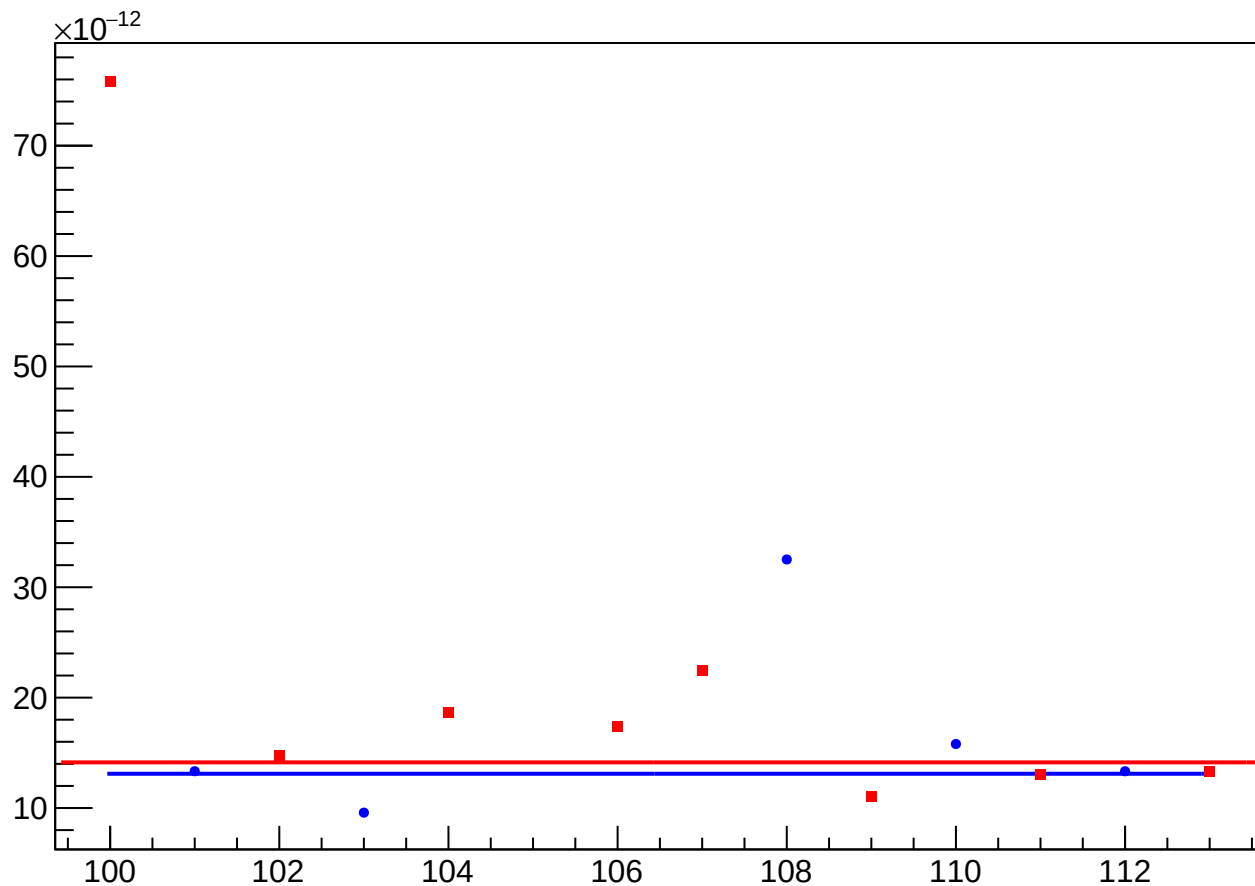
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.5/12

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.5/12

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 : 242748.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

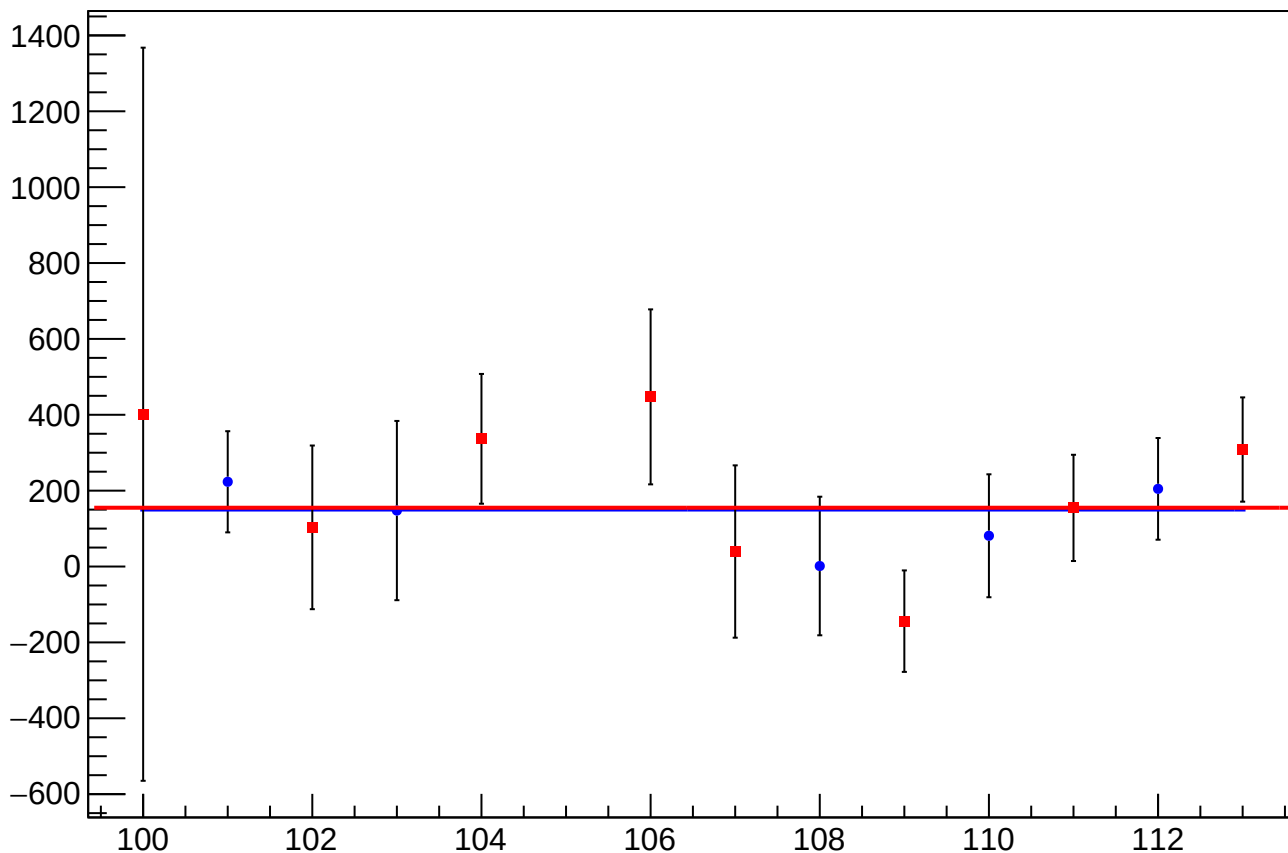
Right: 0.000+/-0.000 χ^2/NDF : 523814.8/12

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 : 523814.8/12

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: 154.991+/-62.651 χ^2/NDF : 9.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

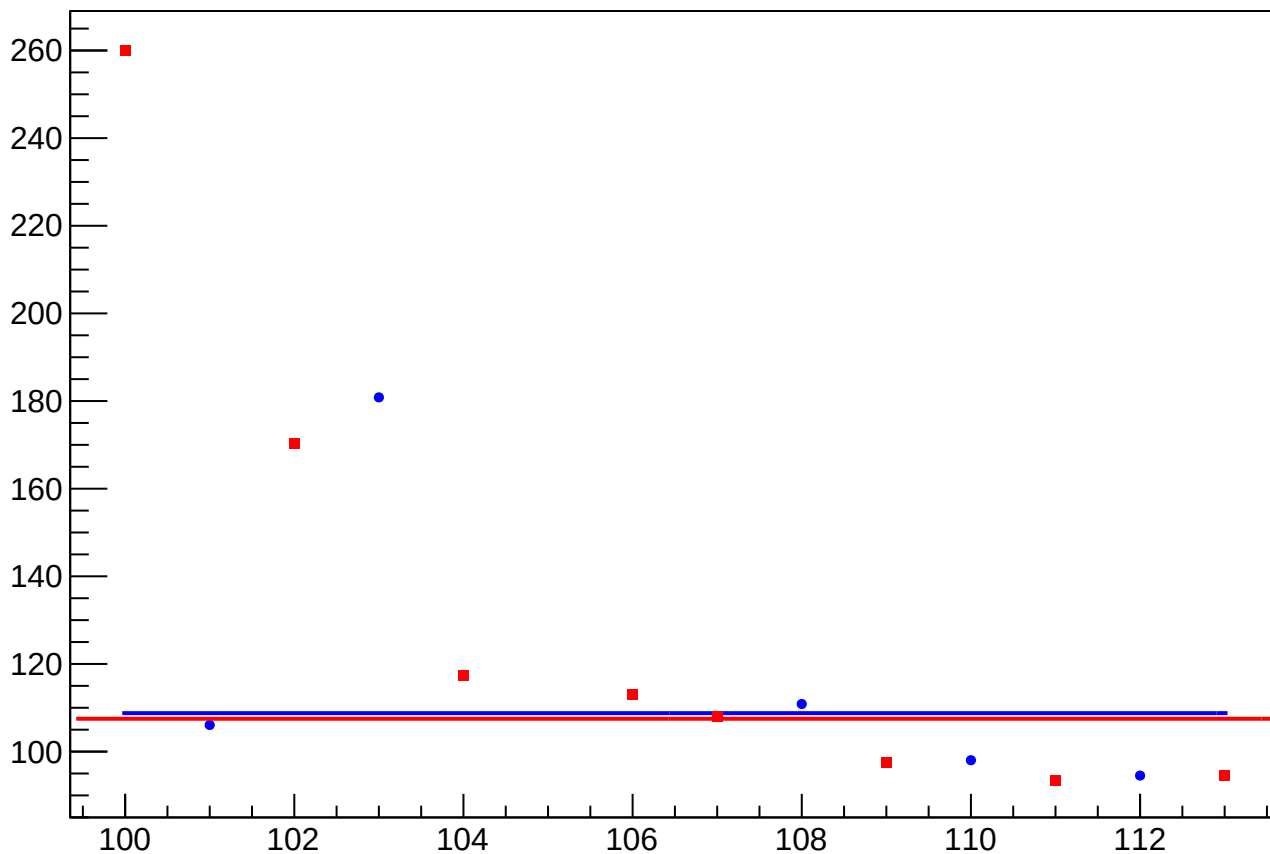
Right: 152.920+/-47.003 χ^2/NDF : 10.7/12

In: 150.253+/-71.088 χ^2/NDF : 1.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.920+/-47.003 χ^2/NDF : 10.7/12

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: 107.499+/-0.044 χ^2/NDF : 276599.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

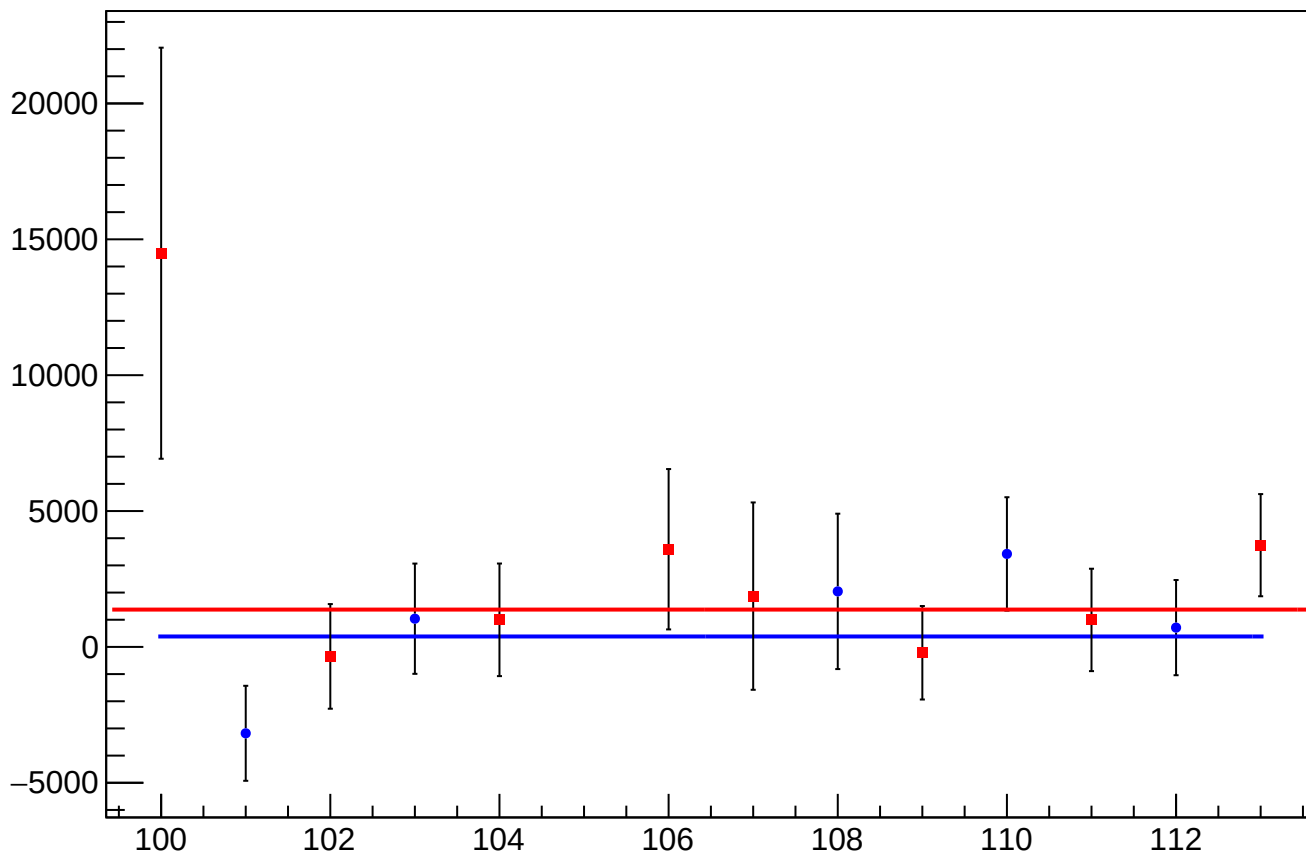
Right: 108.056+/-0.033 χ^2/NDF : 495516.6/12

In: 108.773+/-0.050 χ^2/NDF : 218556.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.056+/-0.033 χ^2/NDF : 495516.6/12

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: 1373.849+/-785.288 χ^2/NDF : 6.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

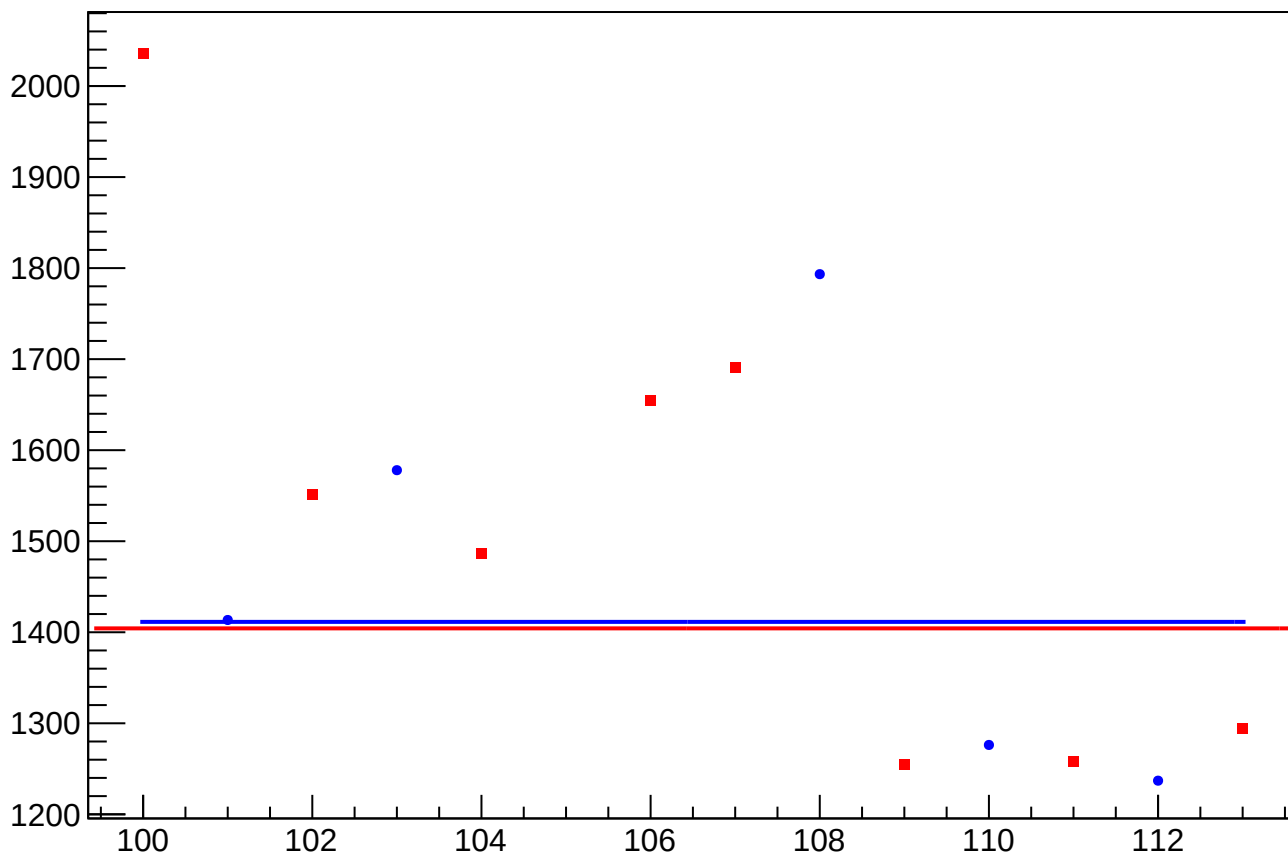
Right: 943.429+/-590.313 χ^2/NDF : 14.4/12

In: 384.206+/-895.108 χ^2/NDF :6.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 943.429+/-590.313 χ^2/NDF : 14.4/12

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: 1404.254+/-0.555 χ^2/NDF : 90936.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

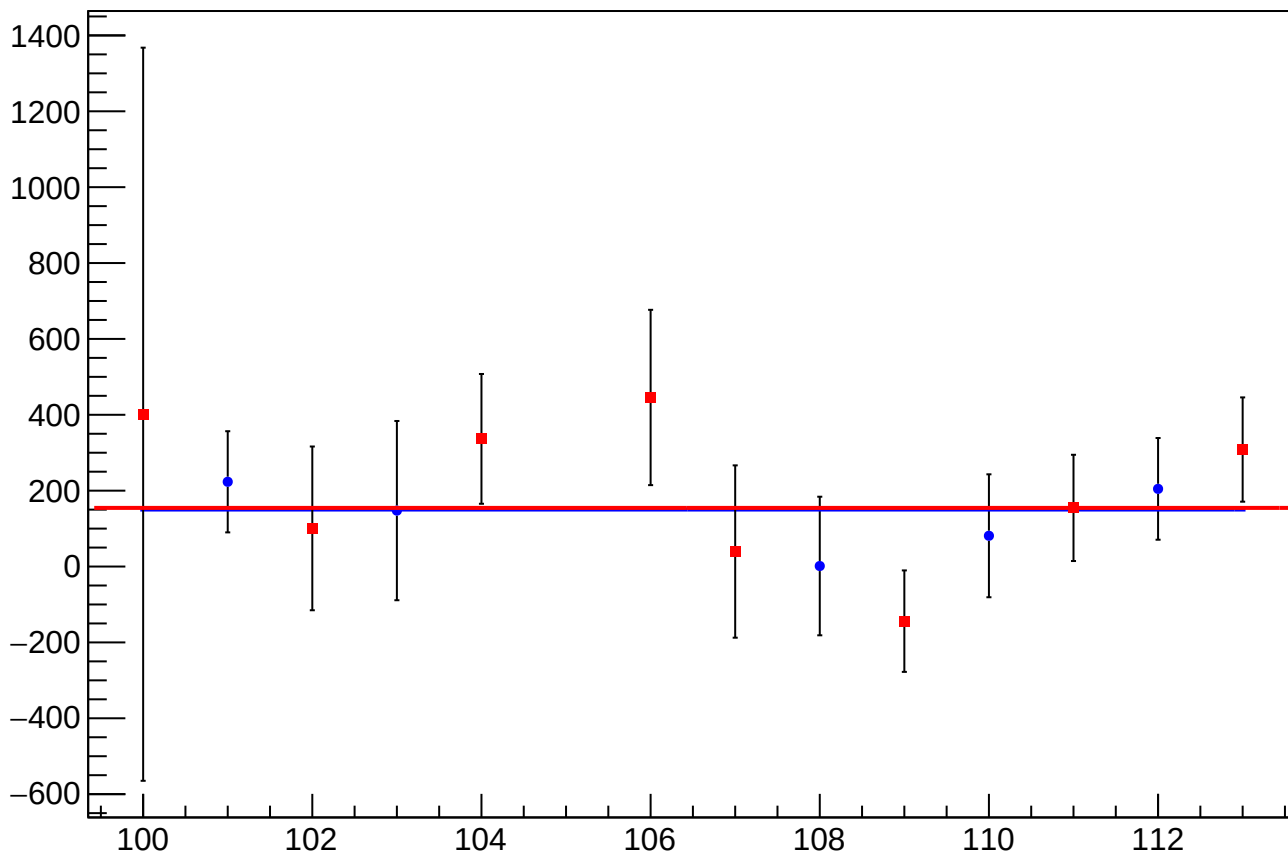
Right: 1407.360+/-0.417 χ^2/NDF : 168422.3/12

In: 1411.396+/-0.633 χ^2/NDF : 77413.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1407.360+/-0.417 χ^2/NDF : 168422.3/12

cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 150.238 $\pm$ 71.088 χ^2 /NDF: 1.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 154.567 $\pm$ 62.663 χ^2 /NDF: 9.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

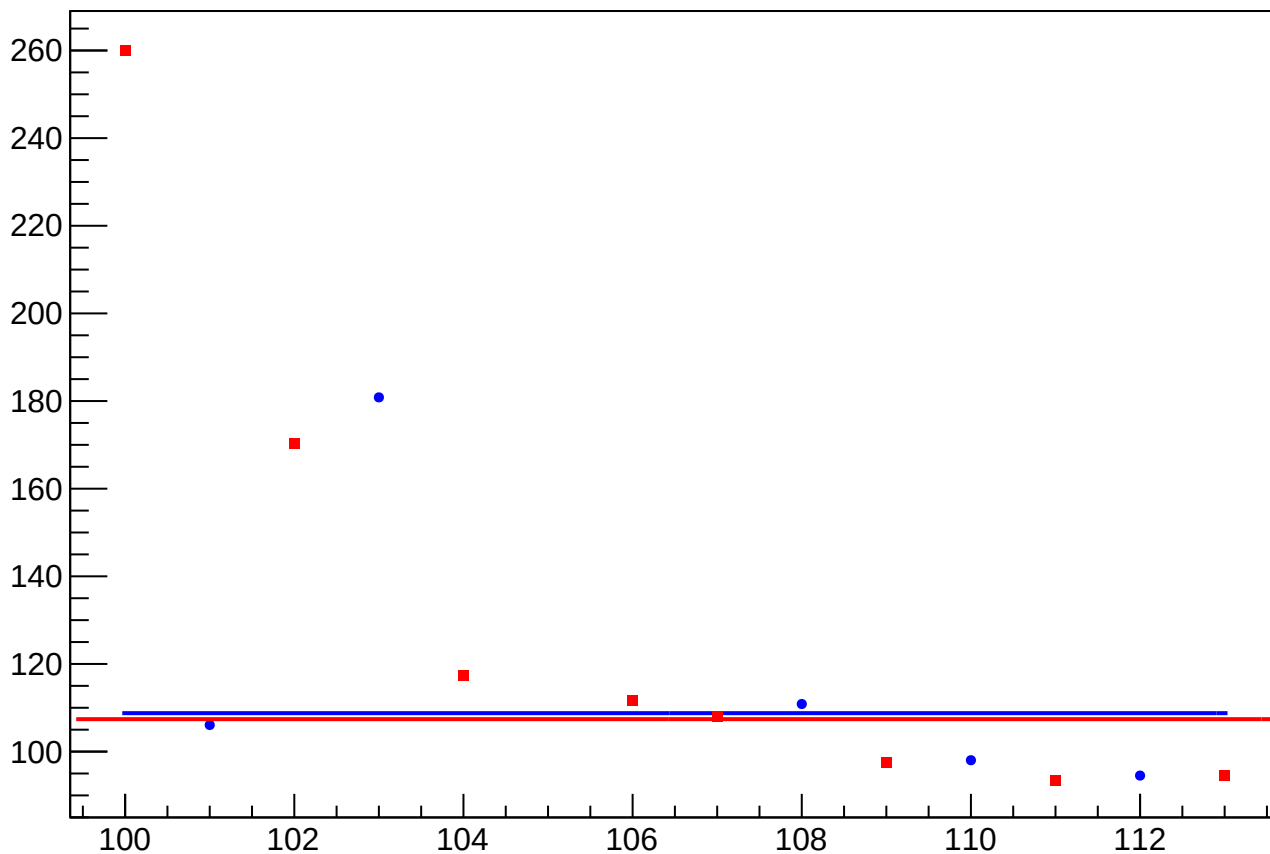
Right: 152.674 $\pm$ 47.007 χ^2 /NDF: 10.7/12

In: 150.238 $\pm$ 71.088 χ^2 /NDF: 1.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 152.674 $\pm$ 47.007 χ^2 /NDF: 10.7/12

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: 107.402+/-0.044 χ^2/NDF : 276390.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

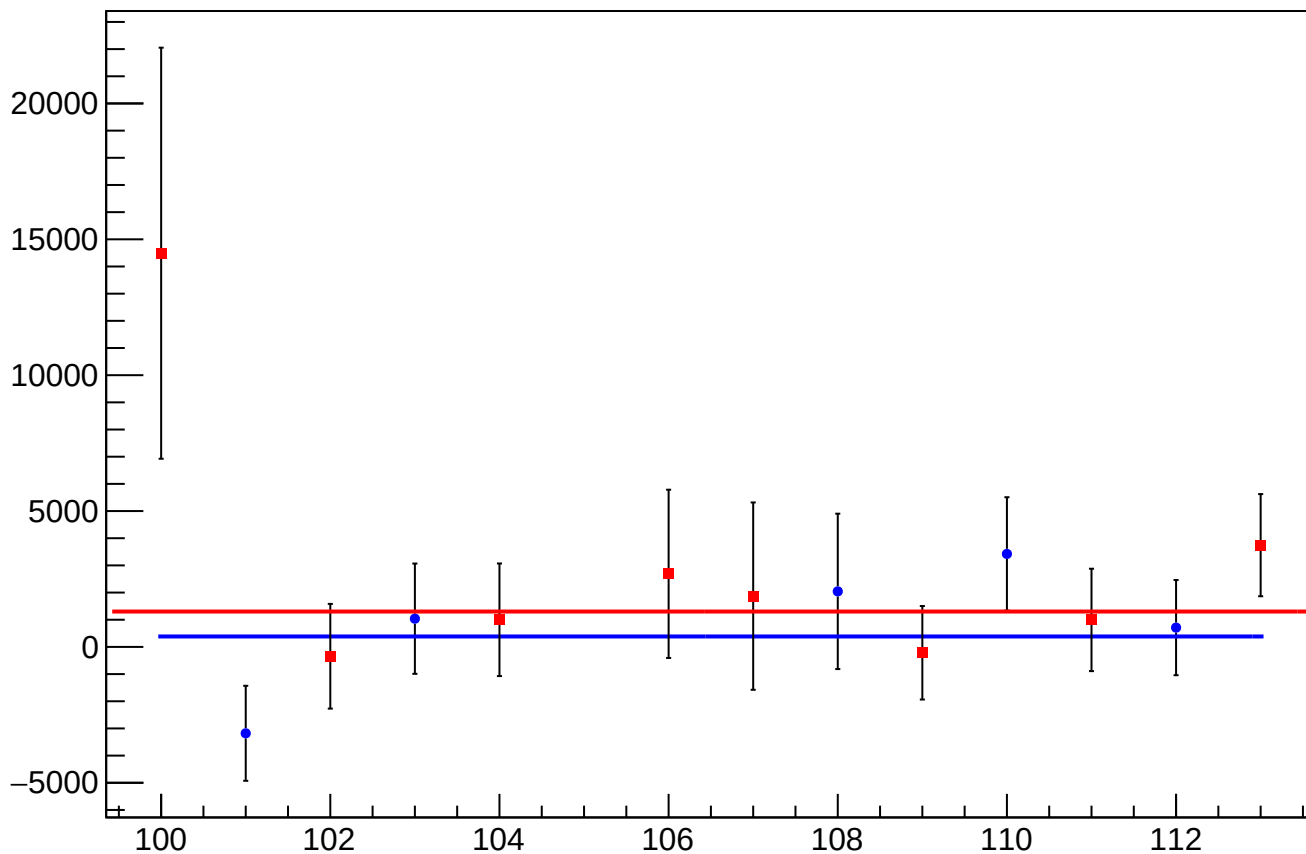
Right: 108.001+/-0.033 χ^2/NDF : 495368.7/12

In: 108.773+/-0.050 χ^2/NDF : 218559.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.001+/-0.033 χ^2/NDF : 495368.7/12

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: 1302.189+/-787.939 χ^2/NDF : 6.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

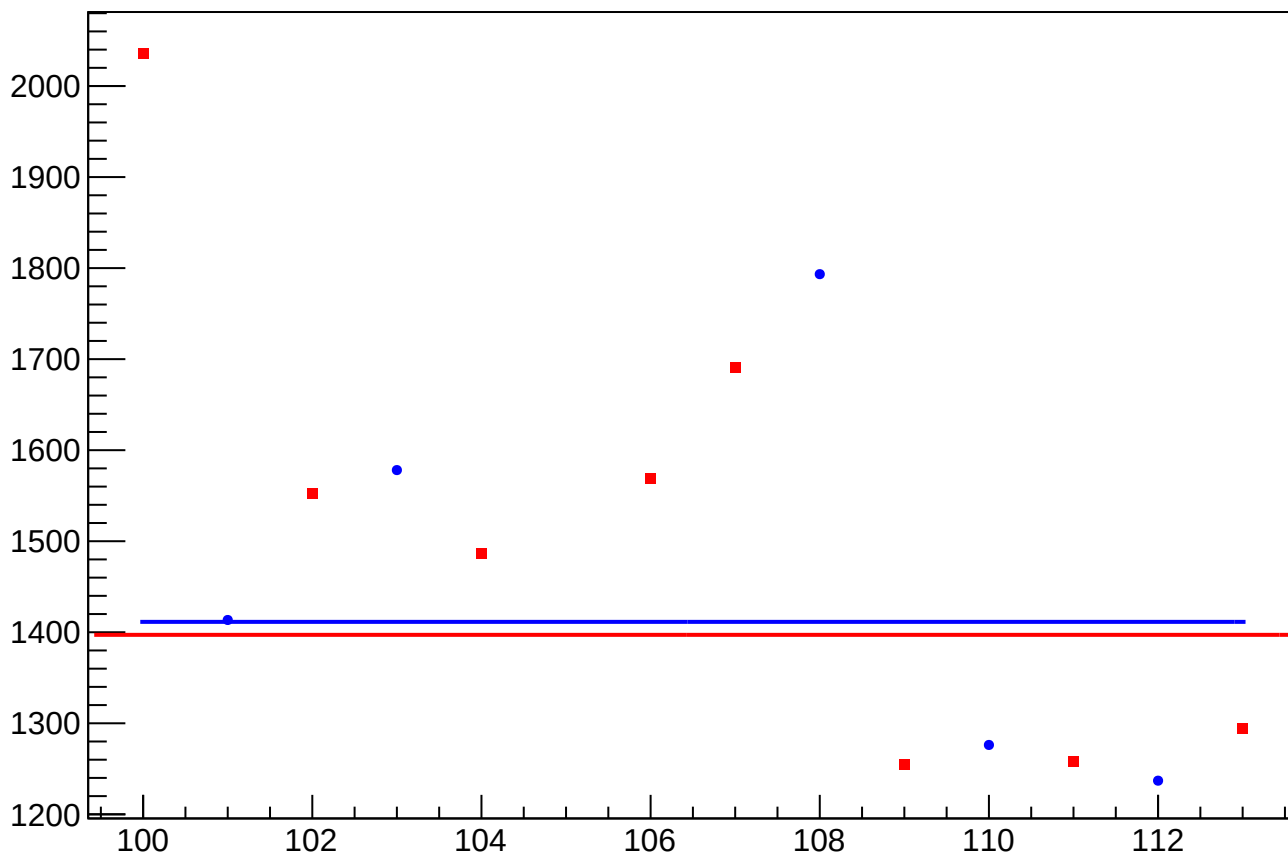
Right: 901.477+/-591.440 χ^2/NDF : 13.9/12

In: 384.335+/-895.121 χ^2/NDF : 6.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 901.477+/-591.440 χ^2/NDF : 13.9/12

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: 1397.154+/-0.557 χ^2/NDF : 82110.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

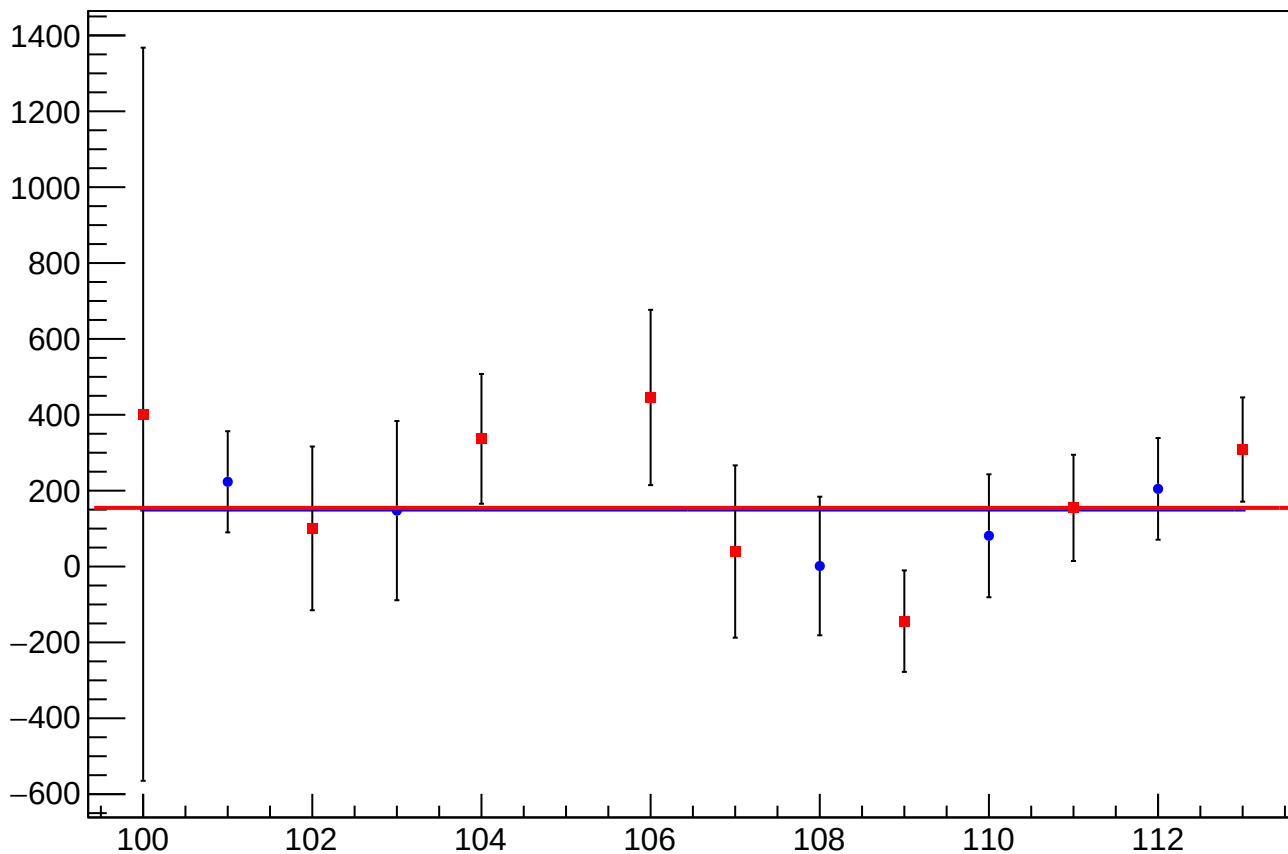
Right: 1403.379+/-0.418 χ^2/NDF : 159825.3/12

In: 1411.412+/-0.633 χ^2/NDF : 77429.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1403.379+/-0.418 χ^2/NDF : 159825.3/12

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: 154.567+/-62.663 χ^2/NDF : 9.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

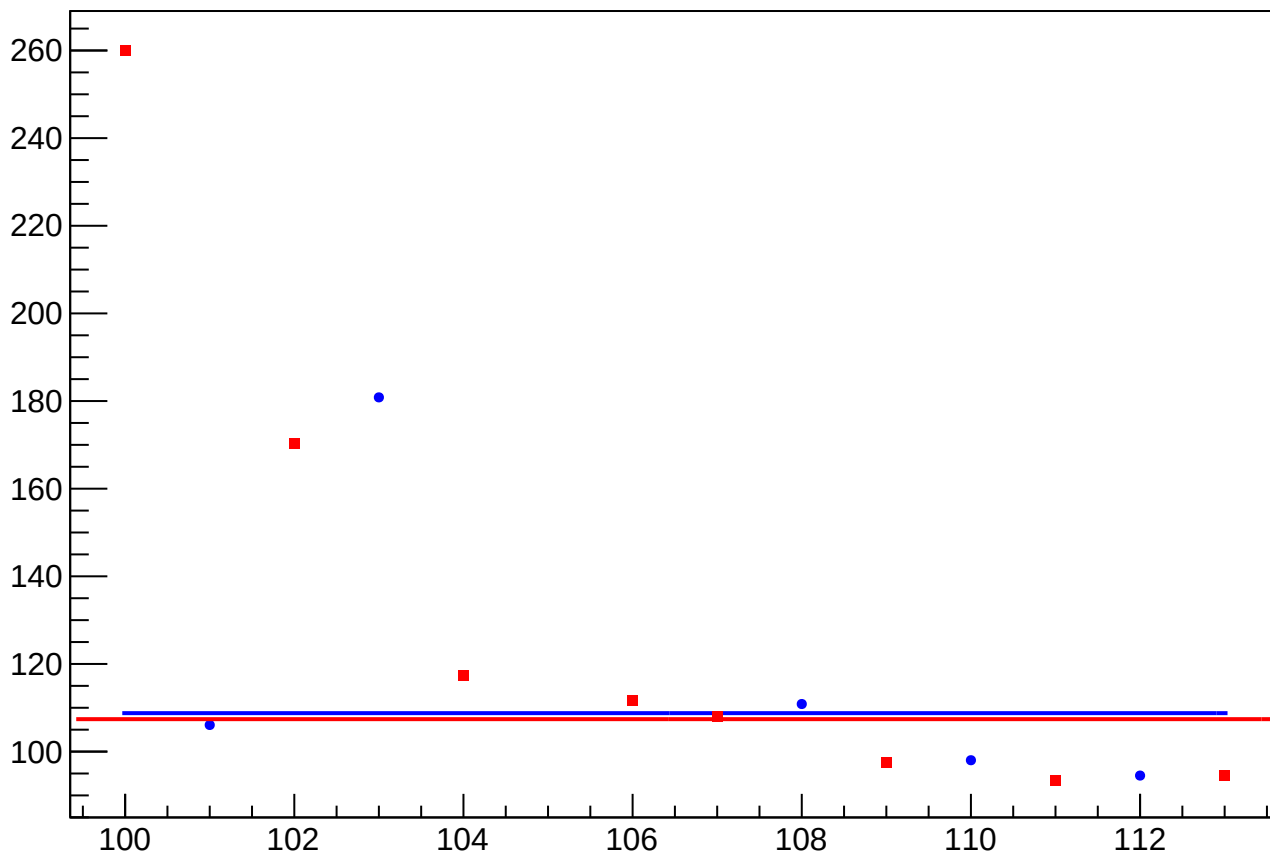
Right: 152.674+/-47.007 χ^2/NDF : 10.7/12

In: 150.238+/-71.088 χ^2/NDF : 1.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.674+/-47.007 χ^2/NDF : 10.7/12

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: 107.402+/-0.044 χ^2/NDF : 276390.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

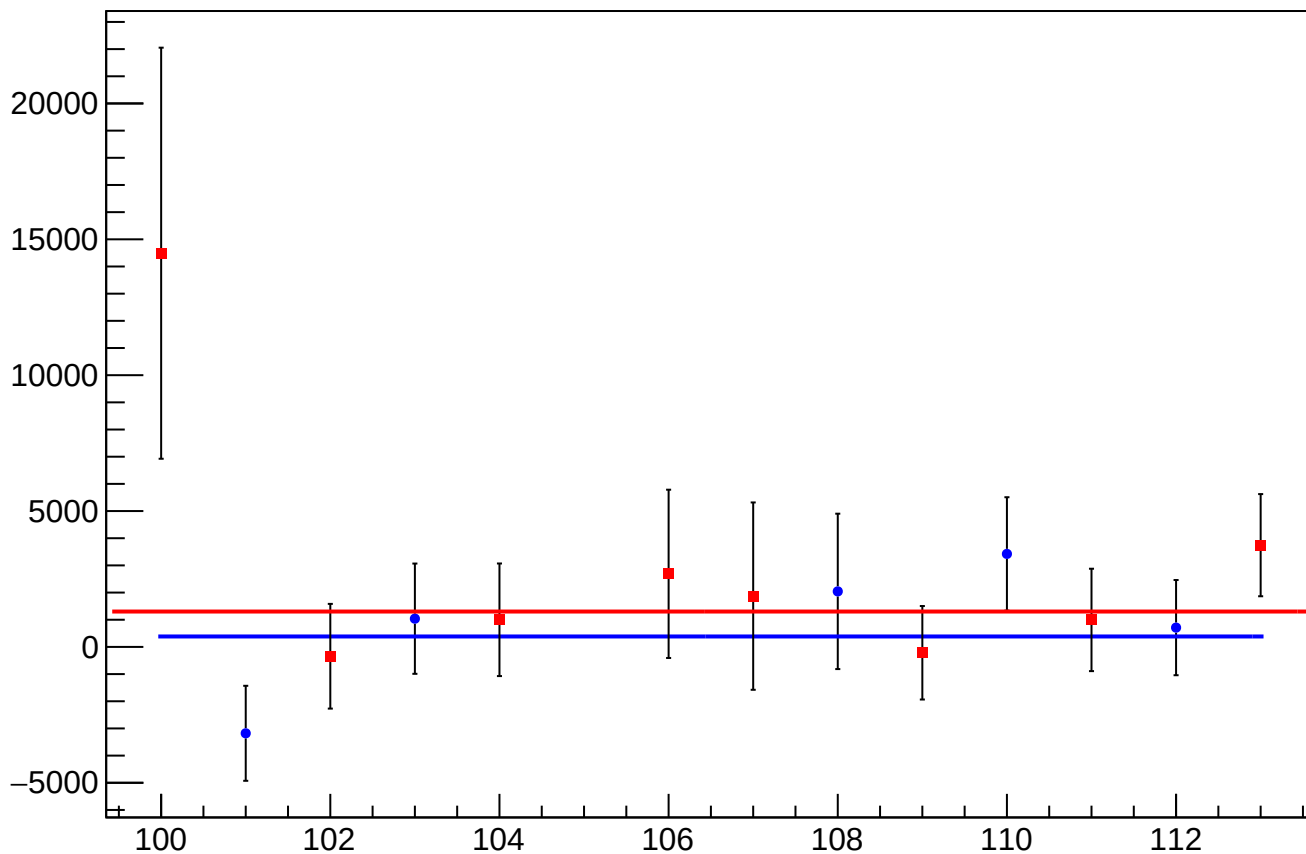
Right: 108.001+/-0.033 χ^2/NDF : 495368.7/12

In: 108.773+/-0.050 χ^2/NDF : 218559.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.001+/-0.033 χ^2/NDF : 495368.7/12

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: 1302.189+/-787.939 χ^2/NDF : 6.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

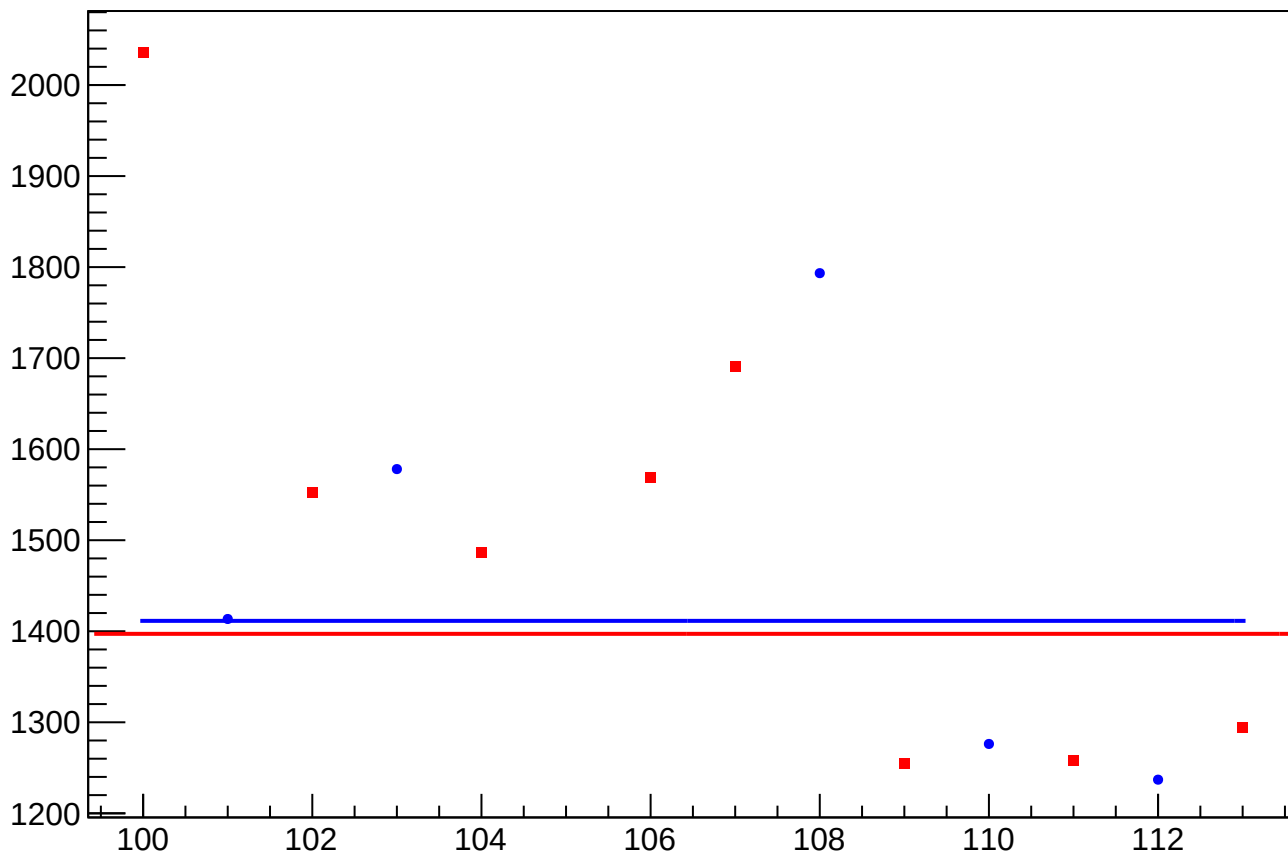
Right: 901.477+/-591.440 χ^2/NDF : 13.9/12

In: 384.335+/-895.121 χ^2/NDF : 6.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 901.477+/-591.440 χ^2/NDF : 13.9/12

asym_sam_2468_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1411.412 $\pm$ 0.633 χ^2 /NDF: 77429.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1397.154 $\pm$ 0.557 χ^2 /NDF: 82110.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

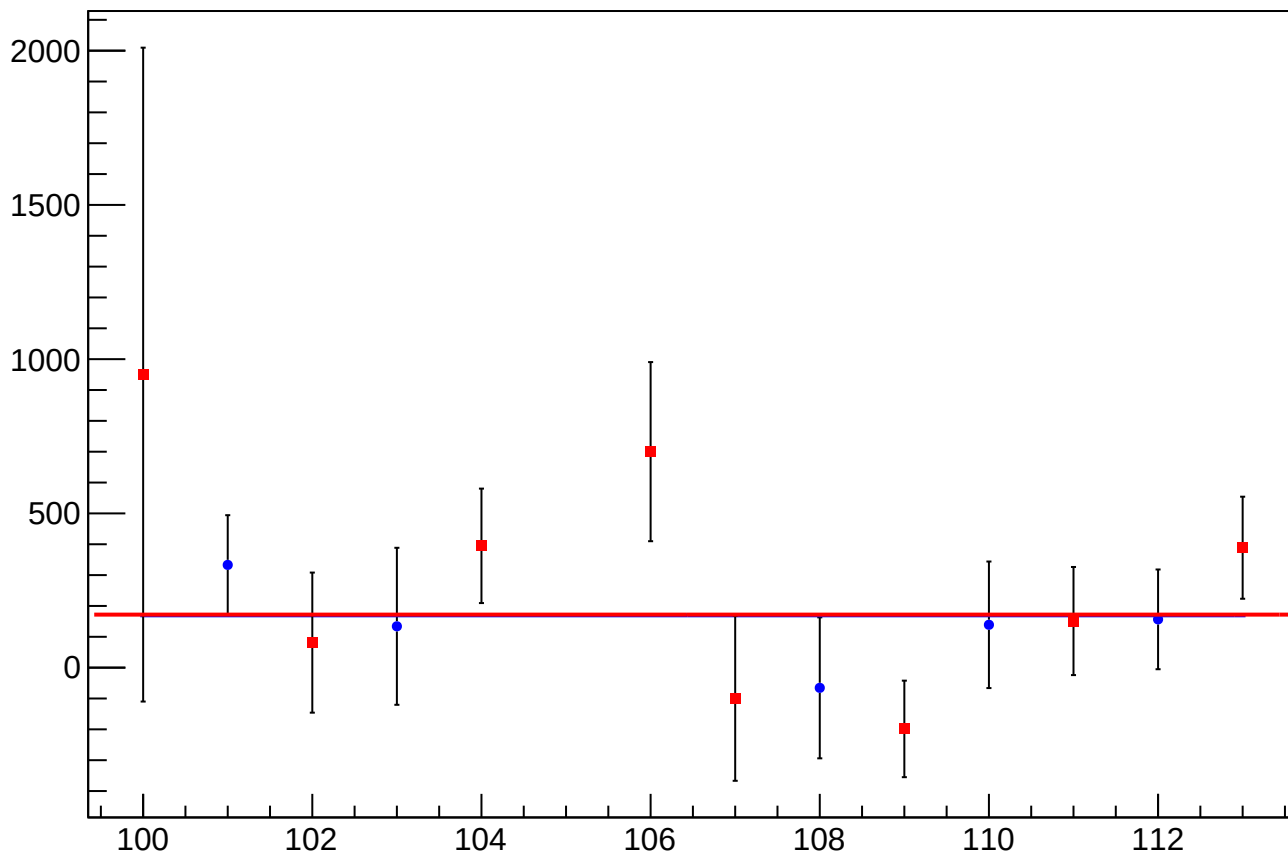
Right: 1403.379 $\pm$ 0.418 χ^2 /NDF: 159825.3/12

In: 1411.412 $\pm$ 0.633 χ^2 /NDF: 77429.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1403.379 $\pm$ 0.418 χ^2 /NDF: 159825.3/12

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: 171.897 $\pm$ 73.495 χ^2 /NDF: 13.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

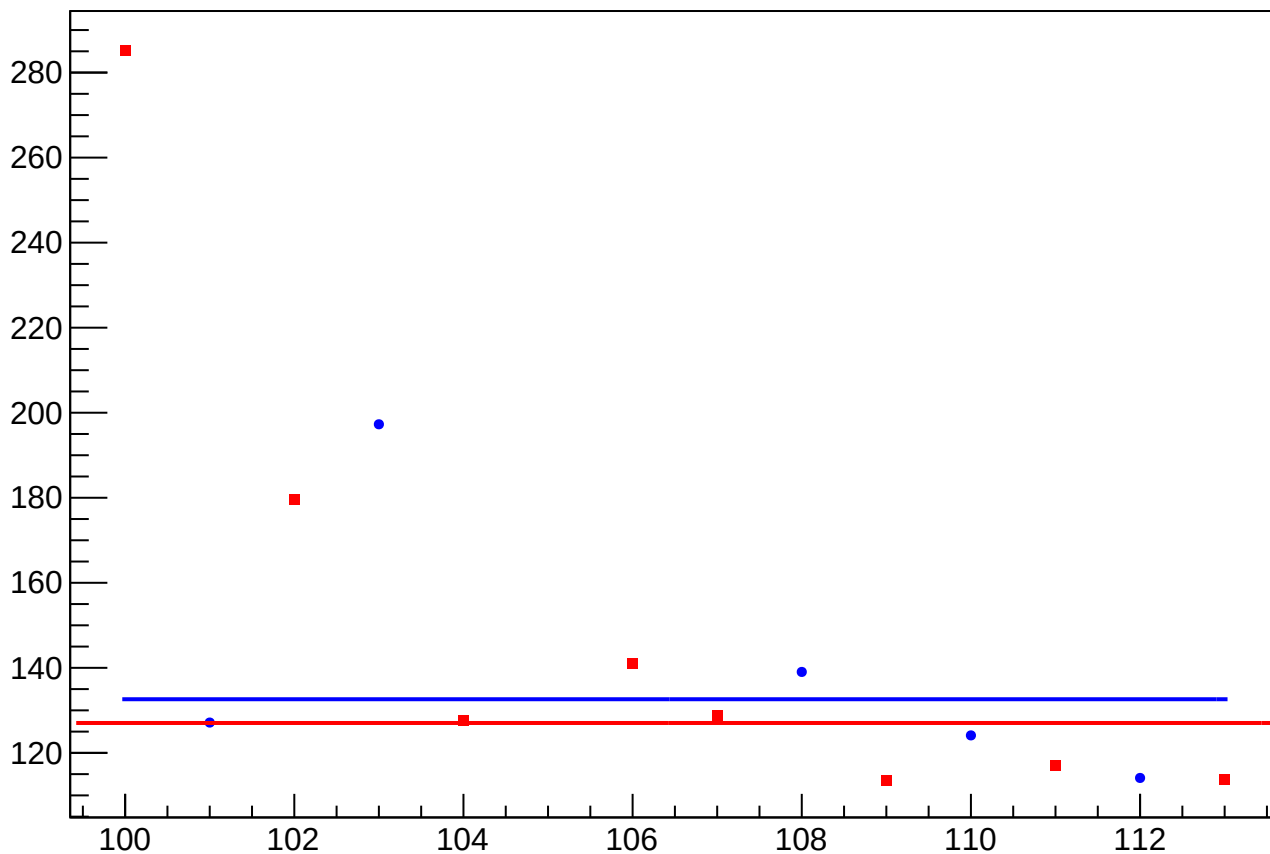
Right: 170.950 $\pm$ 55.880 χ^2 /NDF: 16.0/12

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: 170.950 $\pm$ 55.880 χ^2 /NDF: 16.0/12

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: 127.030+/-0.052 χ^2/NDF : 190920.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

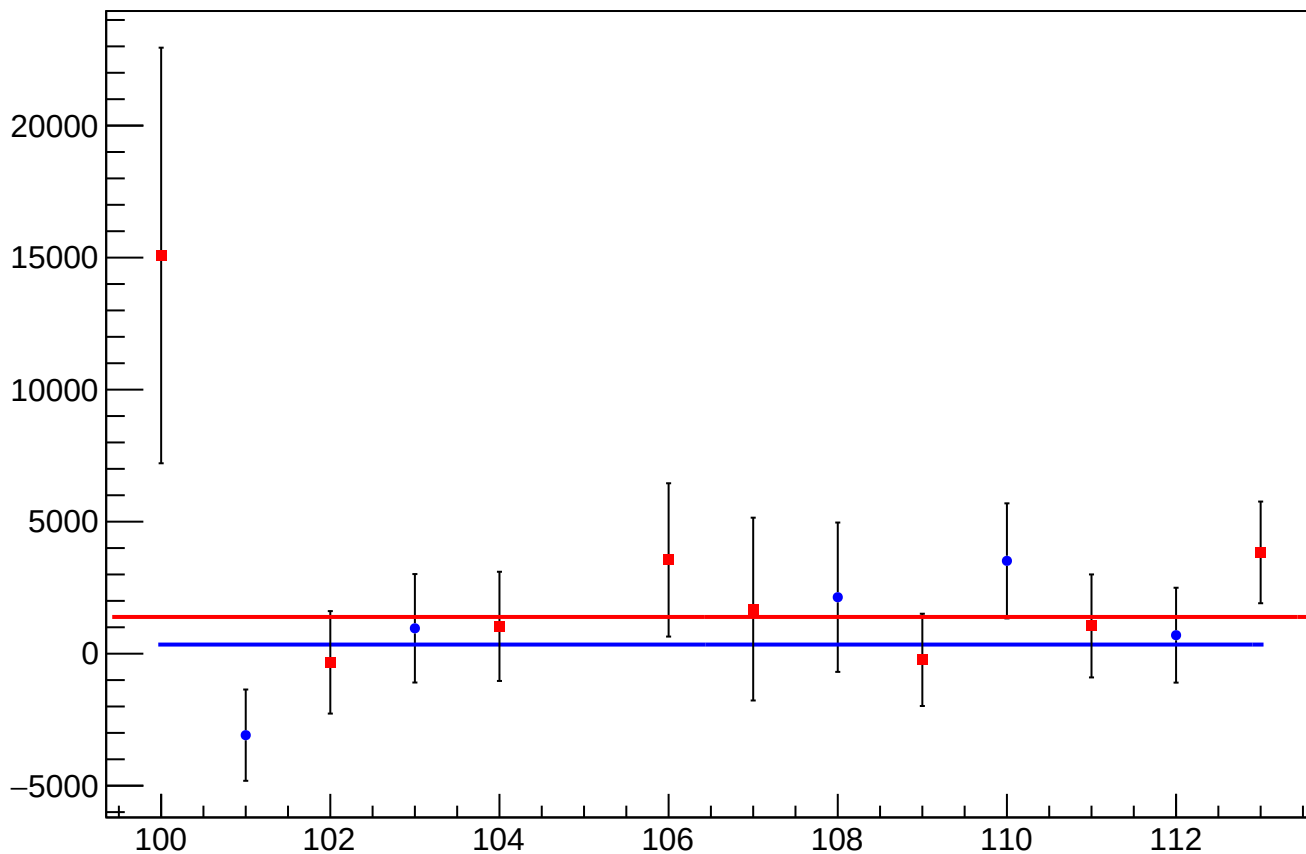
Right: 129.386+/-0.040 χ^2/NDF : 358480.7/12

In: 132.615+/-0.061 χ^2/NDF : 162687.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.386+/-0.040 χ^2/NDF : 358480.7/12

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: 1390.989+/-796.071 χ^2/NDF : 6.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

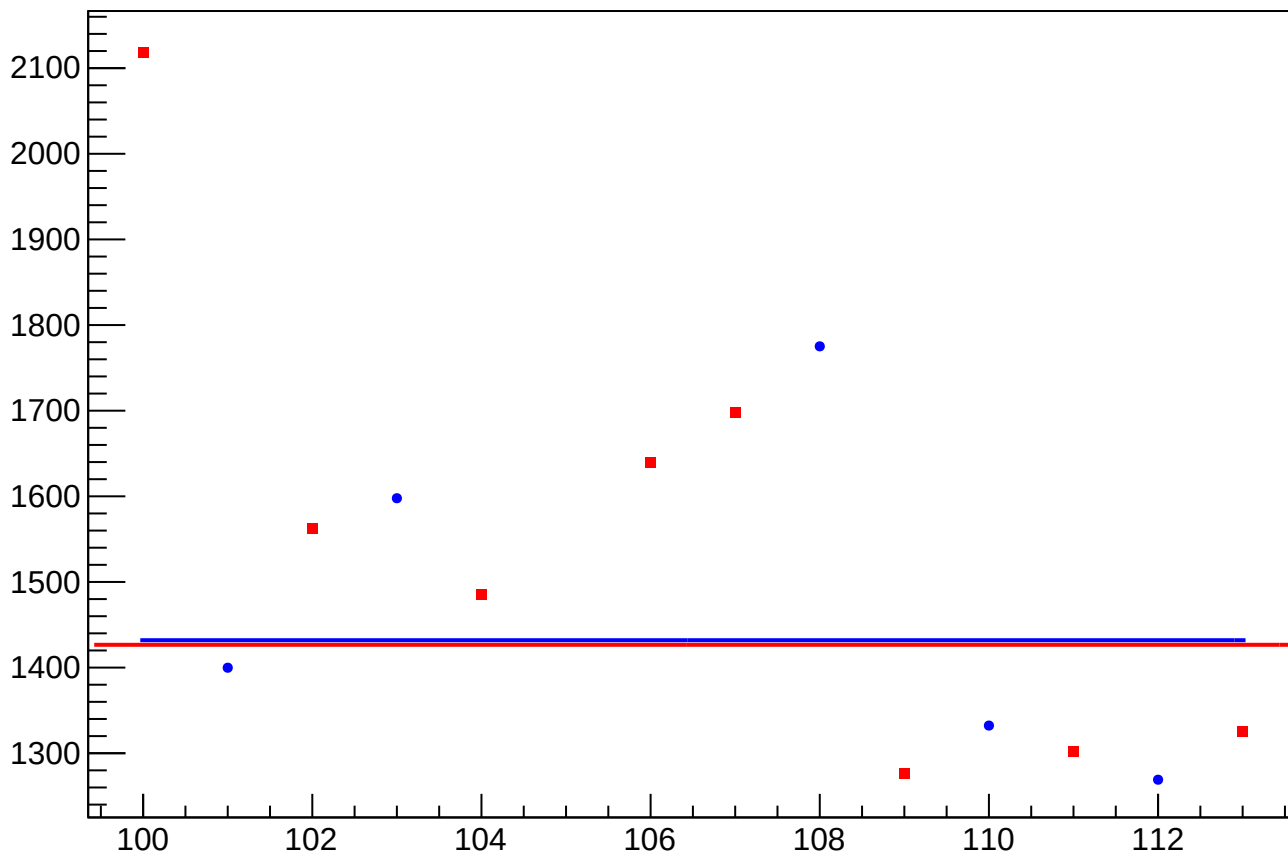
Right: 935.629+/-598.128 χ^2/NDF : 14.2/12

In: 345.323+/-906.387 χ^2/NDF :6.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 935.629+/-598.128 χ^2/NDF : 14.2/12

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: 1426.621+/-0.563 χ^2/NDF : 78331.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

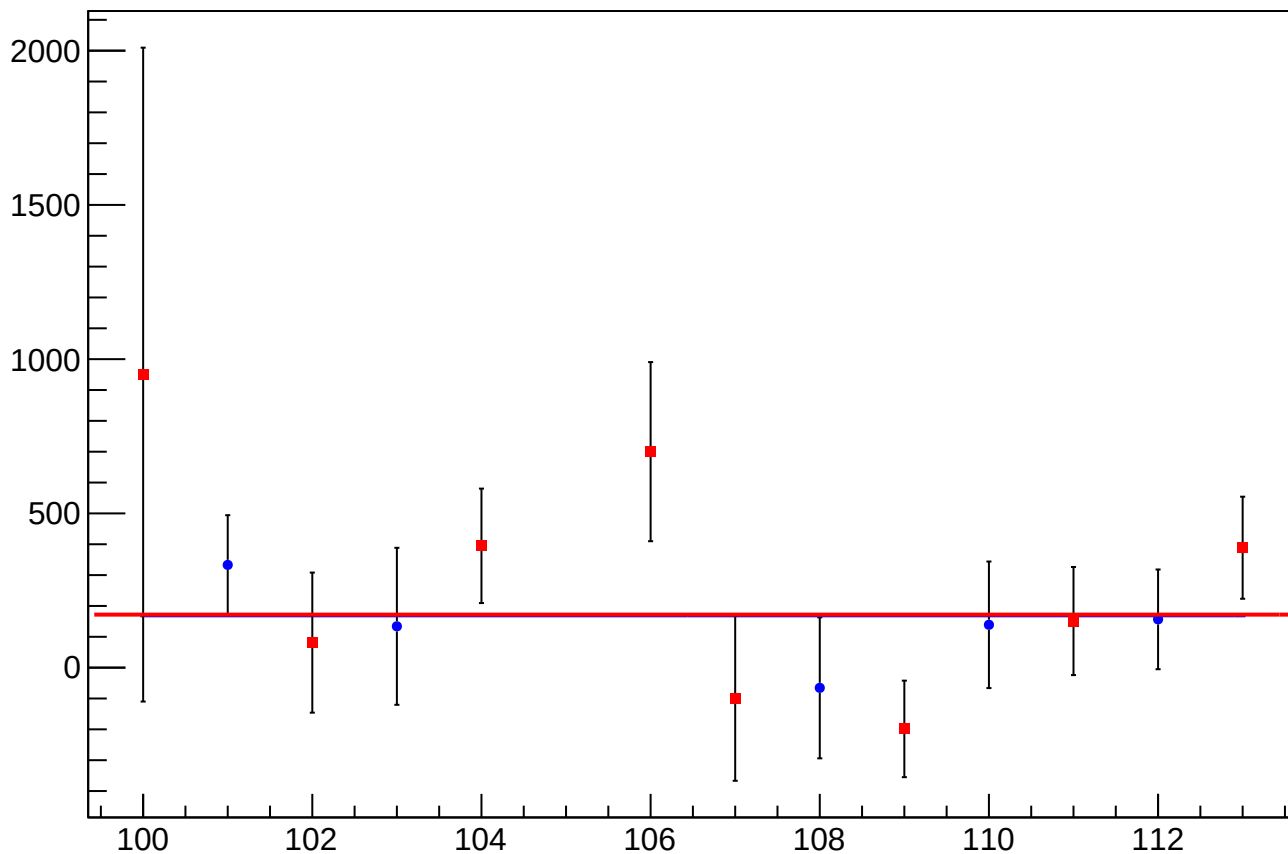
Right: 1428.953+/-0.423 χ^2/NDF : 142175.8/12

In: 1431.976+/-0.641 χ^2/NDF : 63804.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1428.953+/-0.423 χ^2/NDF : 142175.8/12

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: 171.893 $\pm$ 73.494 χ^2 /NDF: 13.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

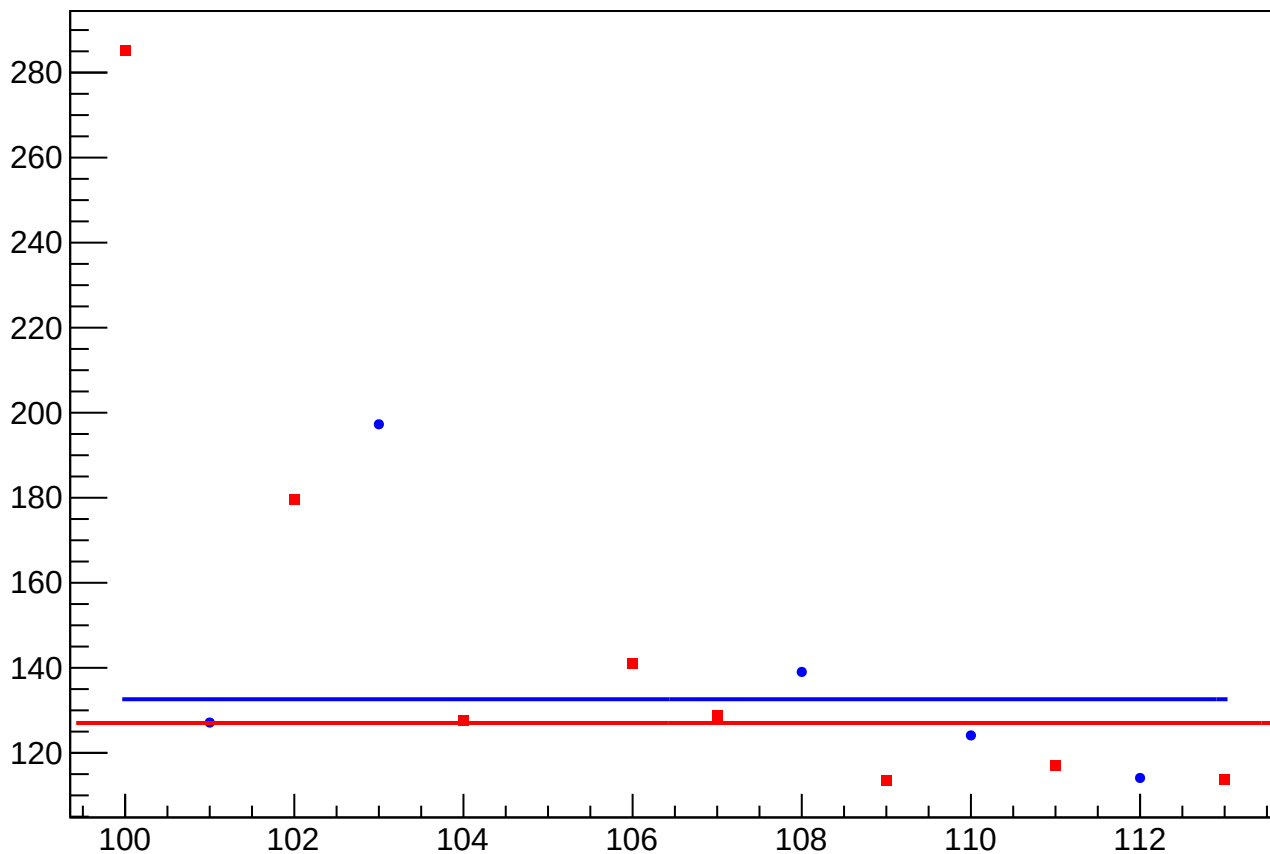
Right: 170.945 $\pm$ 55.880 χ^2 /NDF: 16.0/12

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: 170.945 $\pm$ 55.880 χ^2 /NDF: 16.0/12

eigen_dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 132.613 $\pm$ 0.061 χ^2 /NDF: 162696.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 127.028 $\pm$ 0.052 χ^2 /NDF: 190930.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

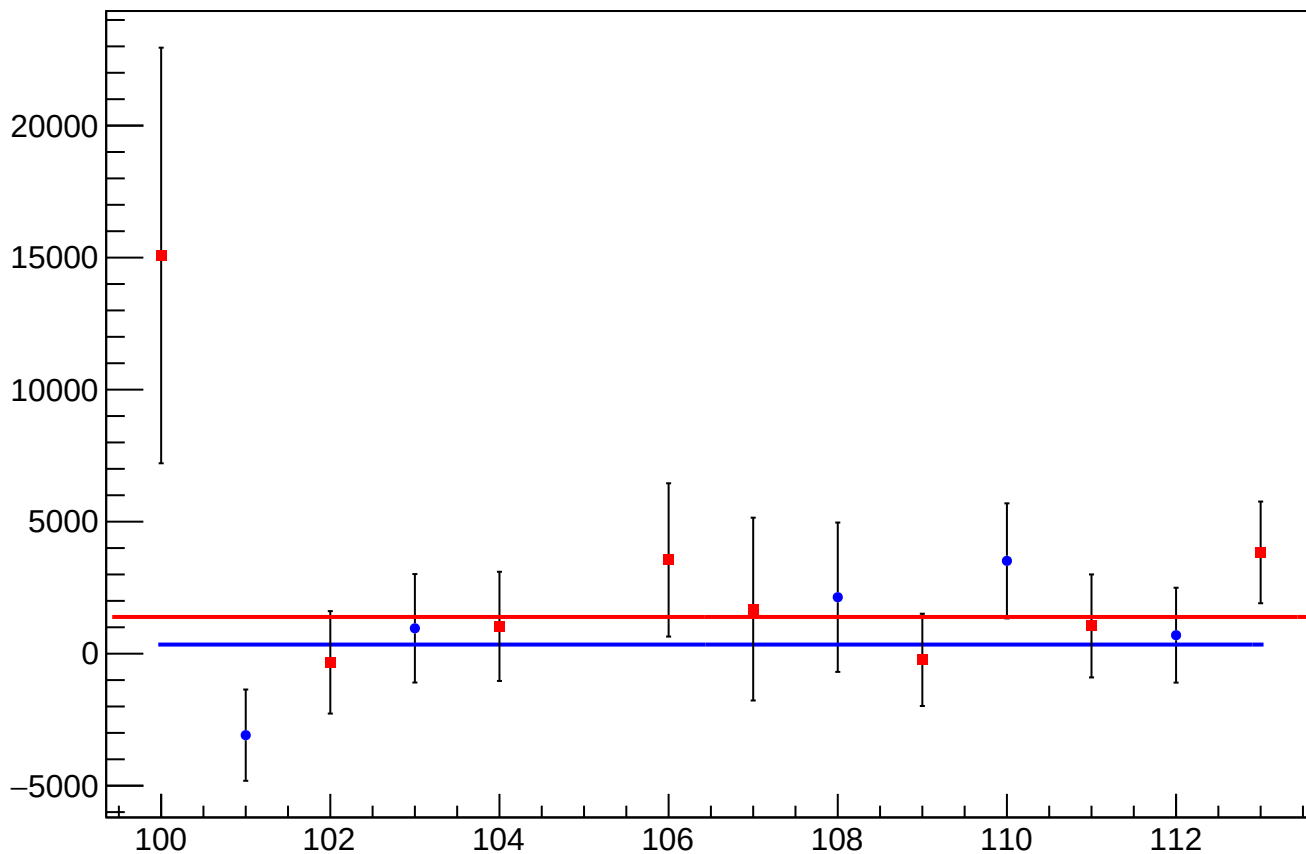
Right: 129.385 $\pm$ 0.040 χ^2 /NDF: 358499.2/12

In: 132.613 $\pm$ 0.061 χ^2 /NDF:162696.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 129.385 $\pm$ 0.040 χ^2 /NDF: 358499.2/12

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: 1390.985+/-796.068 χ^2/NDF : 6.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

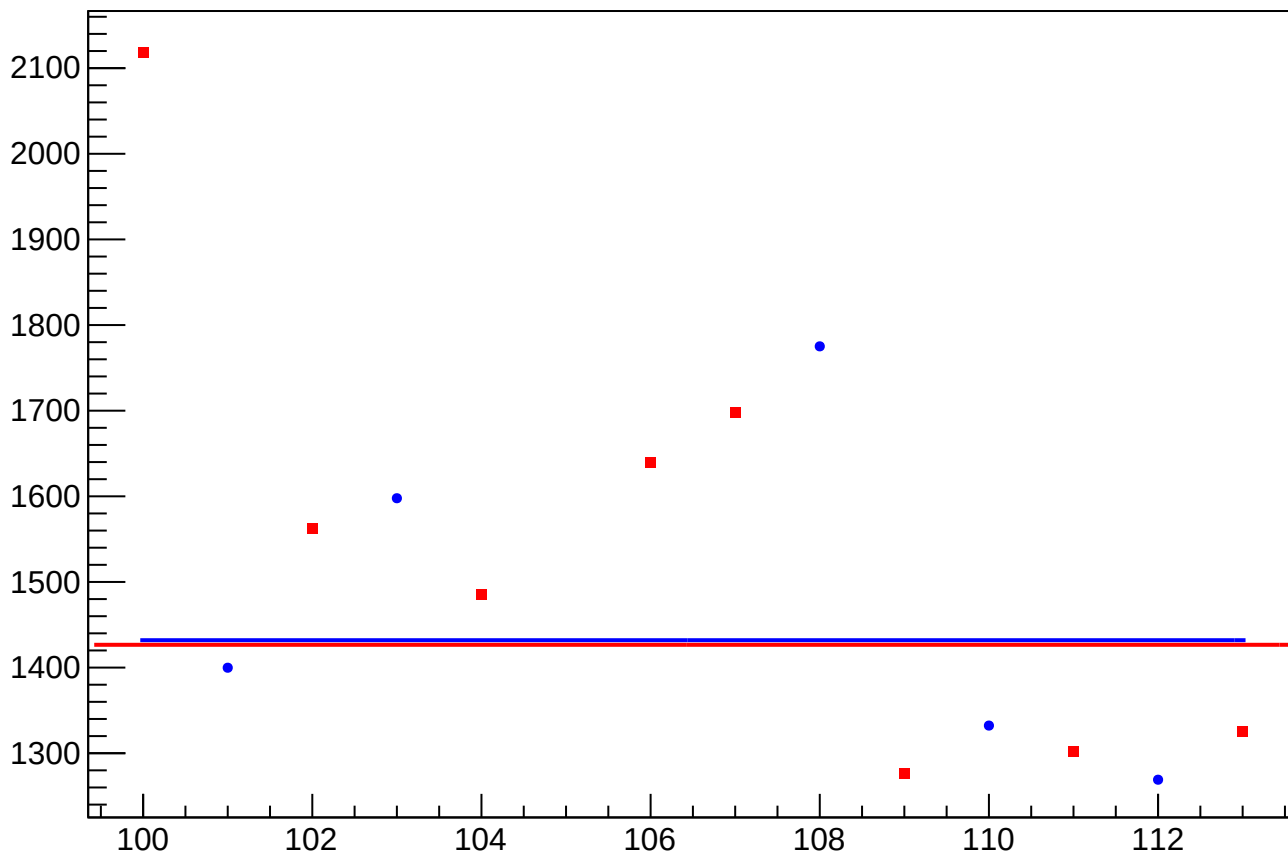
Right: 935.628+/-598.126 χ^2/NDF : 14.2/12

In: 345.324+/-906.383 χ^2/NDF : 6.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 935.628+/-598.126 χ^2/NDF : 14.2/12

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: 1426.615+/-0.563 χ^2/NDF : 78333.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

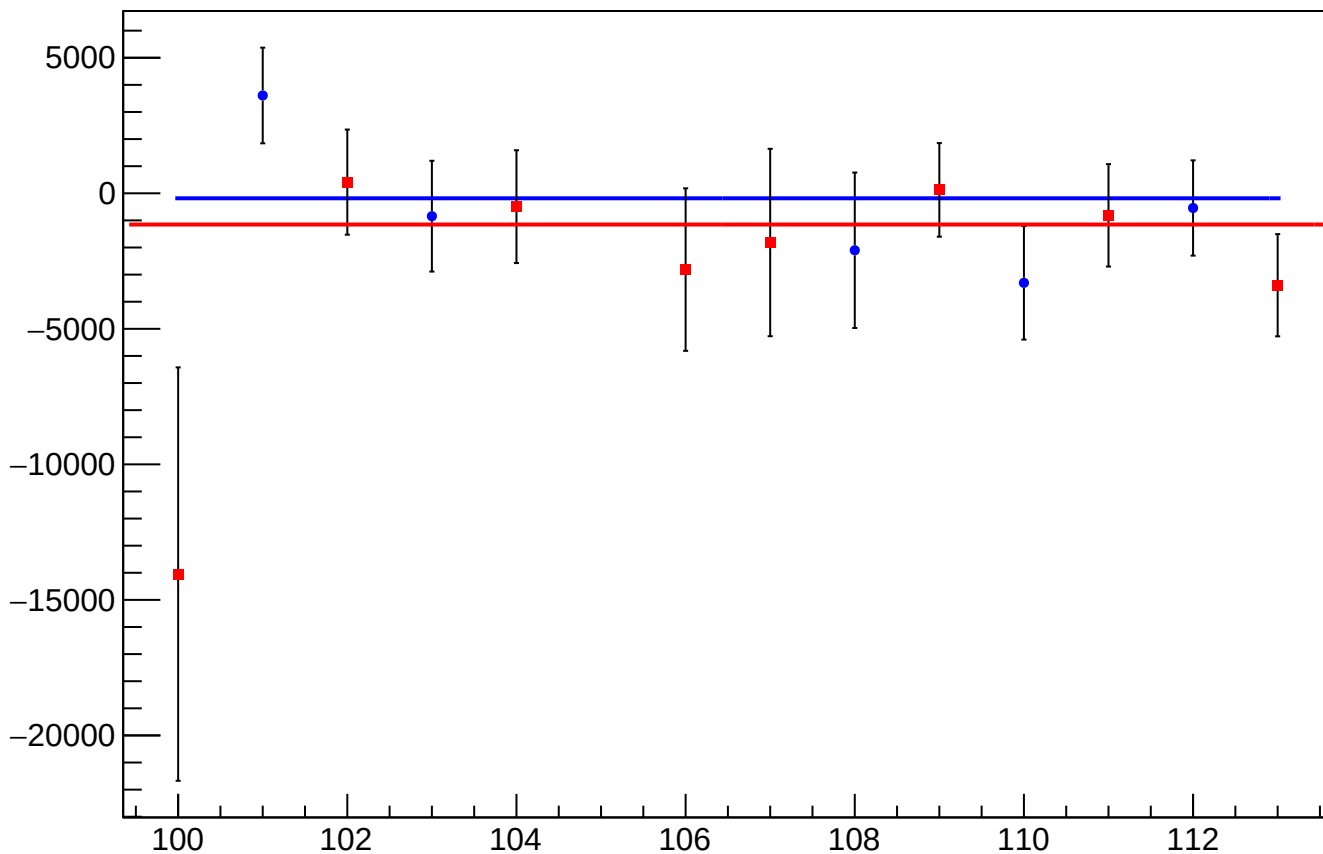
Right: 1428.947+/-0.423 χ^2/NDF : 142180.0/12

In: 1431.970+/-0.641 χ^2/NDF : 63806.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1428.947+/-0.423 χ^2/NDF : 142180.0/12

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: -1152.458 ± 789.111 χ^2/NDF : 5.9/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

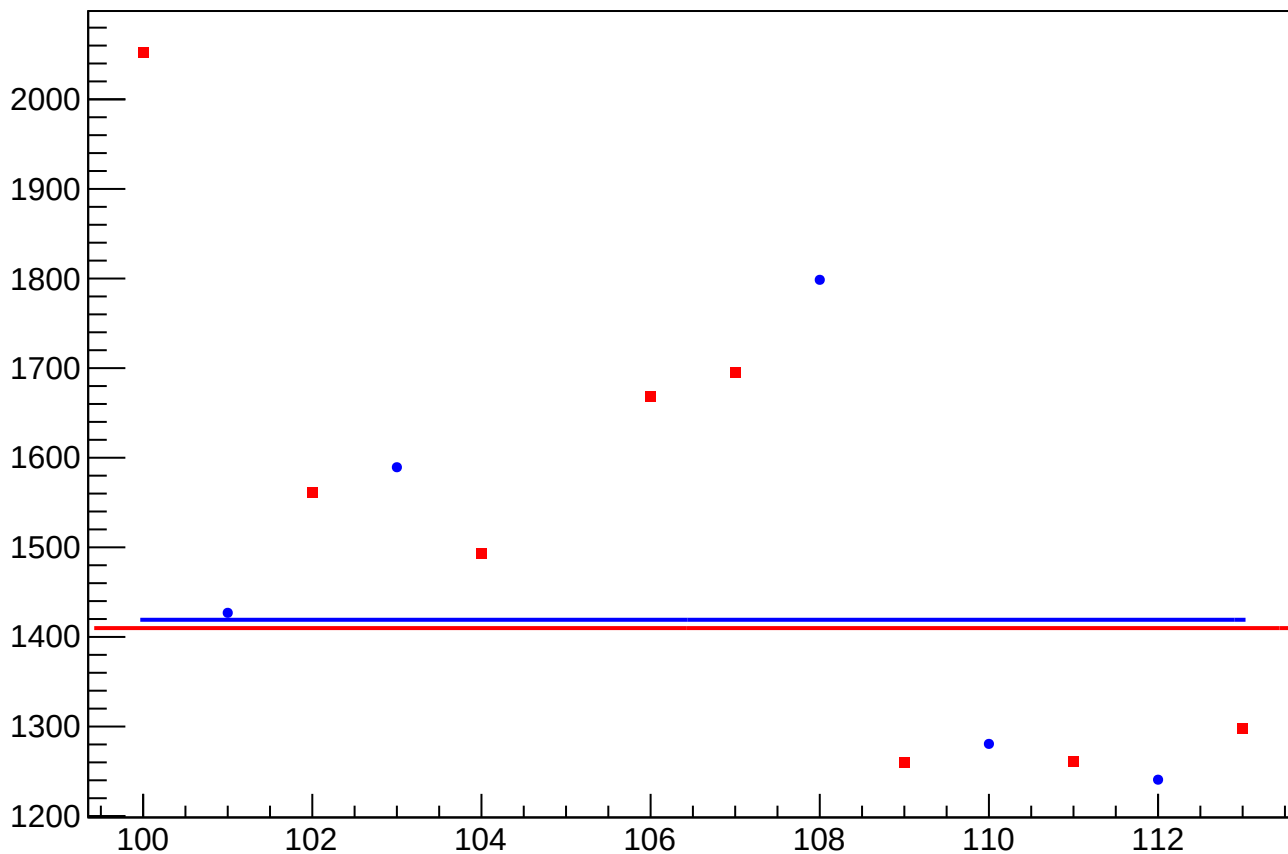
Right: -731.729 ± 593.350 χ^2/NDF : 14.0/12

In: -184.403 ± 900.036 χ^2/NDF : 7.4/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -731.729 ± 593.350 χ^2/NDF : 14.0/12

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: 1409.864+/-0.558 χ^2/NDF : 92659.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

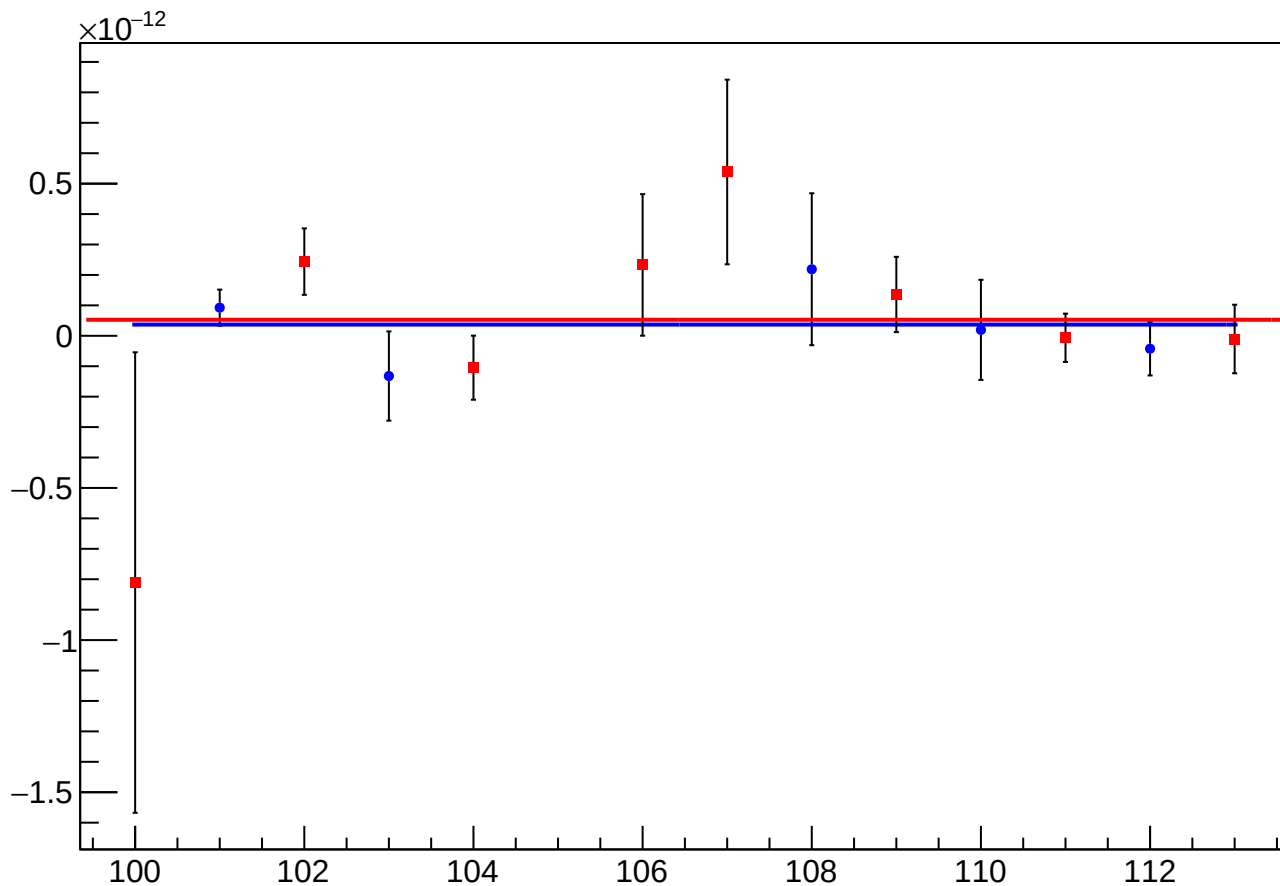
Right: 1413.902+/-0.420 χ^2/NDF : 171102.8/12

In: 1419.155+/-0.636 χ^2/NDF : 78322.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1413.902+/-0.420 χ^2/NDF : 171102.8/12

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 : 11.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

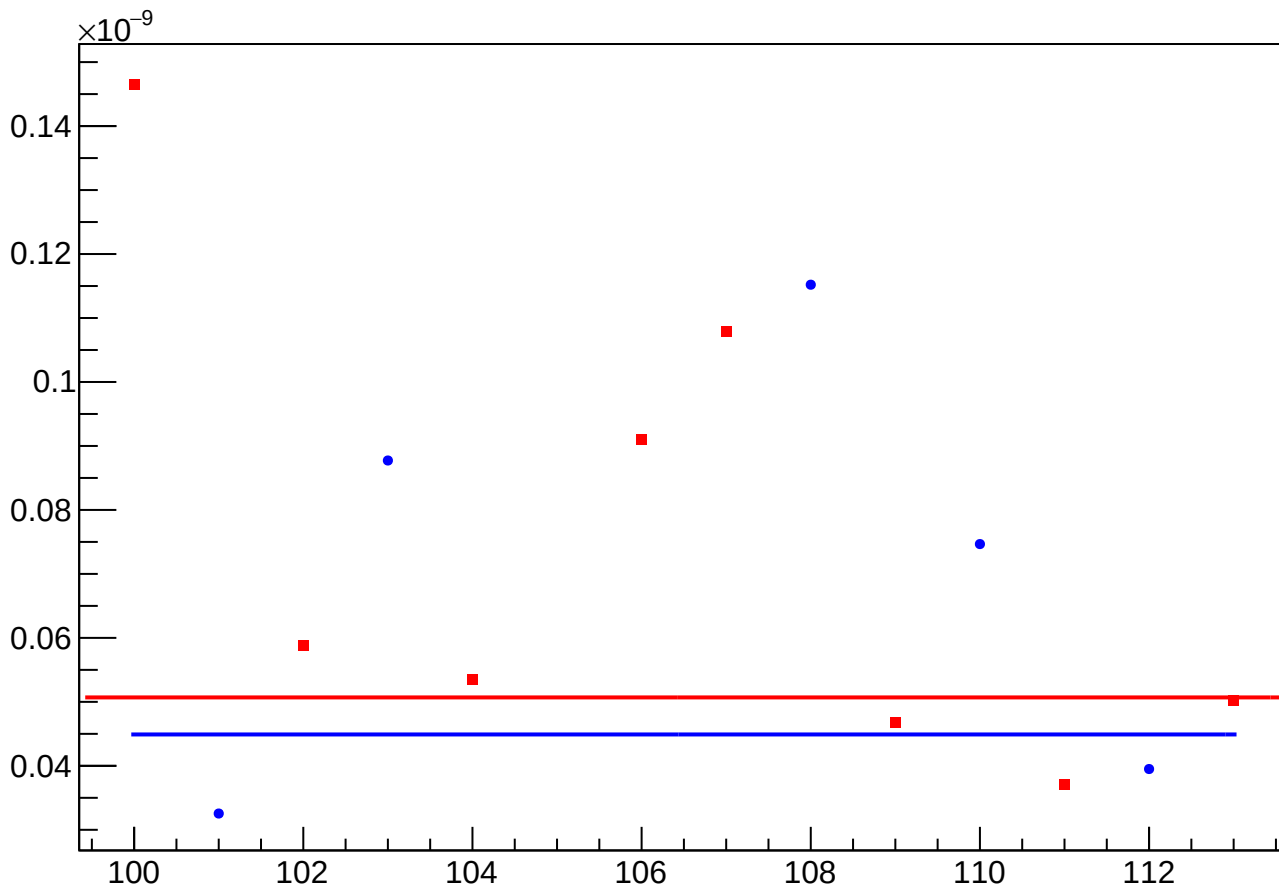
Right: 0.000+/-0.000 χ^2/NDF : 14.7/12

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 : 14.7/12

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 : 236186.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

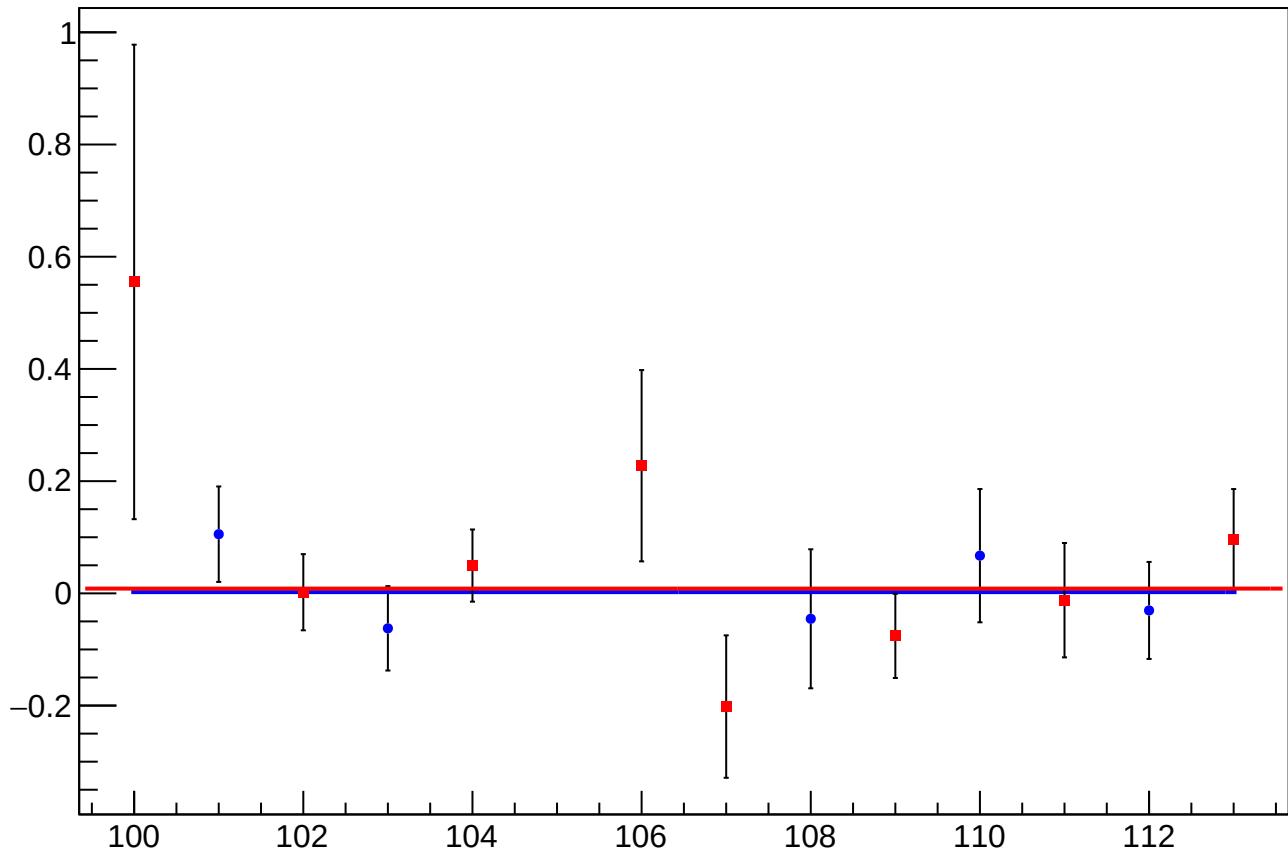
Right: 0.000+/-0.000 χ^2/NDF : 742490.8/12

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 : 742490.8/12

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: 0.008 $\pm$ 0.032 χ^2 /NDF: 8.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

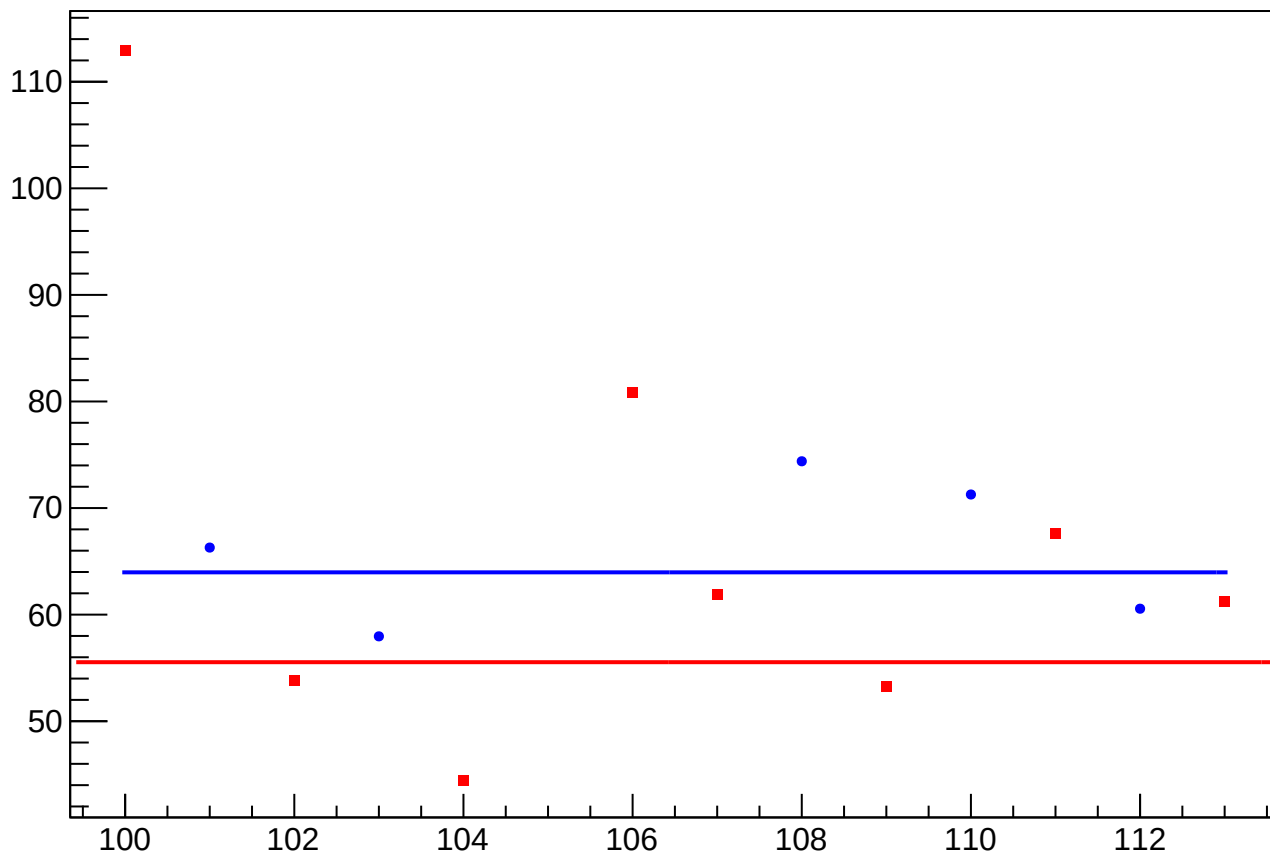
Right: 0.006 $\pm$ 0.025 χ^2 /NDF: 11.6/12

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: 0.006 $\pm$ 0.025 χ^2 /NDF: 11.6/12

asym_sam_2468_avg_dit_vs_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: 55.538+/-0.023 χ^2/NDF : 184283.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

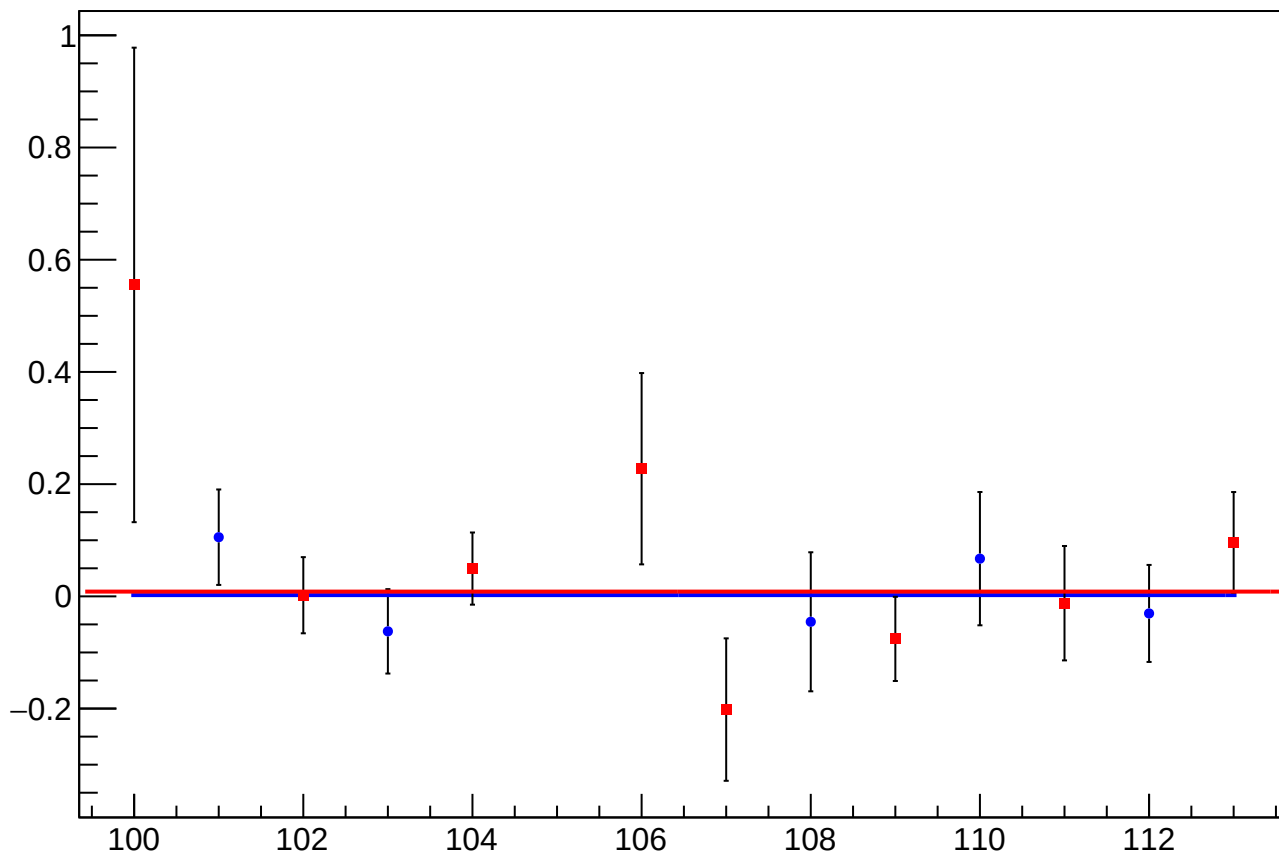
Right: 58.731+/-0.018 χ^2/NDF : 274967.2/12

In: 63.968+/-0.029 χ^2/NDF : 39055.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.731+/-0.018 χ^2/NDF : 274967.2/12

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: 0.008 $\pm$ 0.032 χ^2 /NDF: 8.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

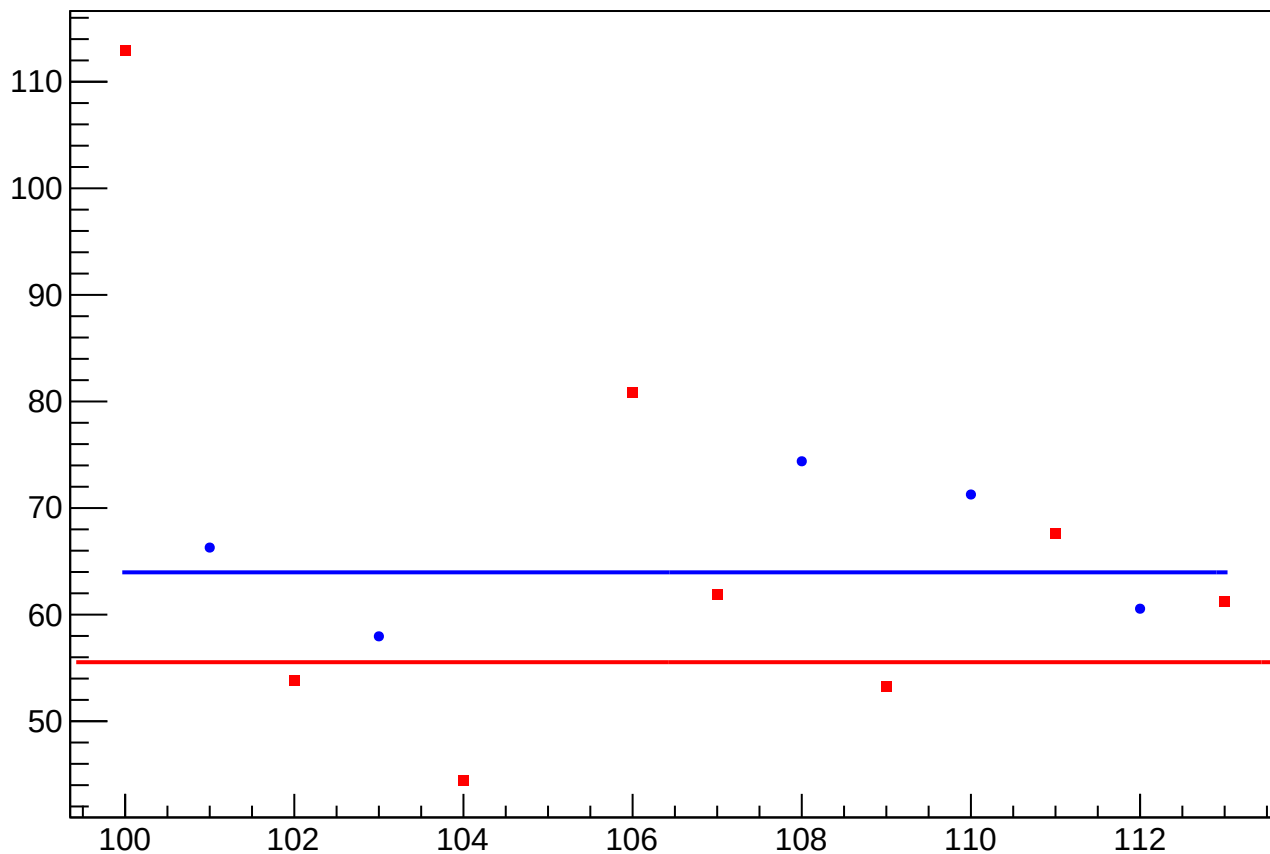
Right: 0.006 $\pm$ 0.025 χ^2 /NDF: 11.6/12

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: 0.006 $\pm$ 0.025 χ^2 /NDF: 11.6/12

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: 55.538+/-0.023 χ^2/NDF : 184283.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

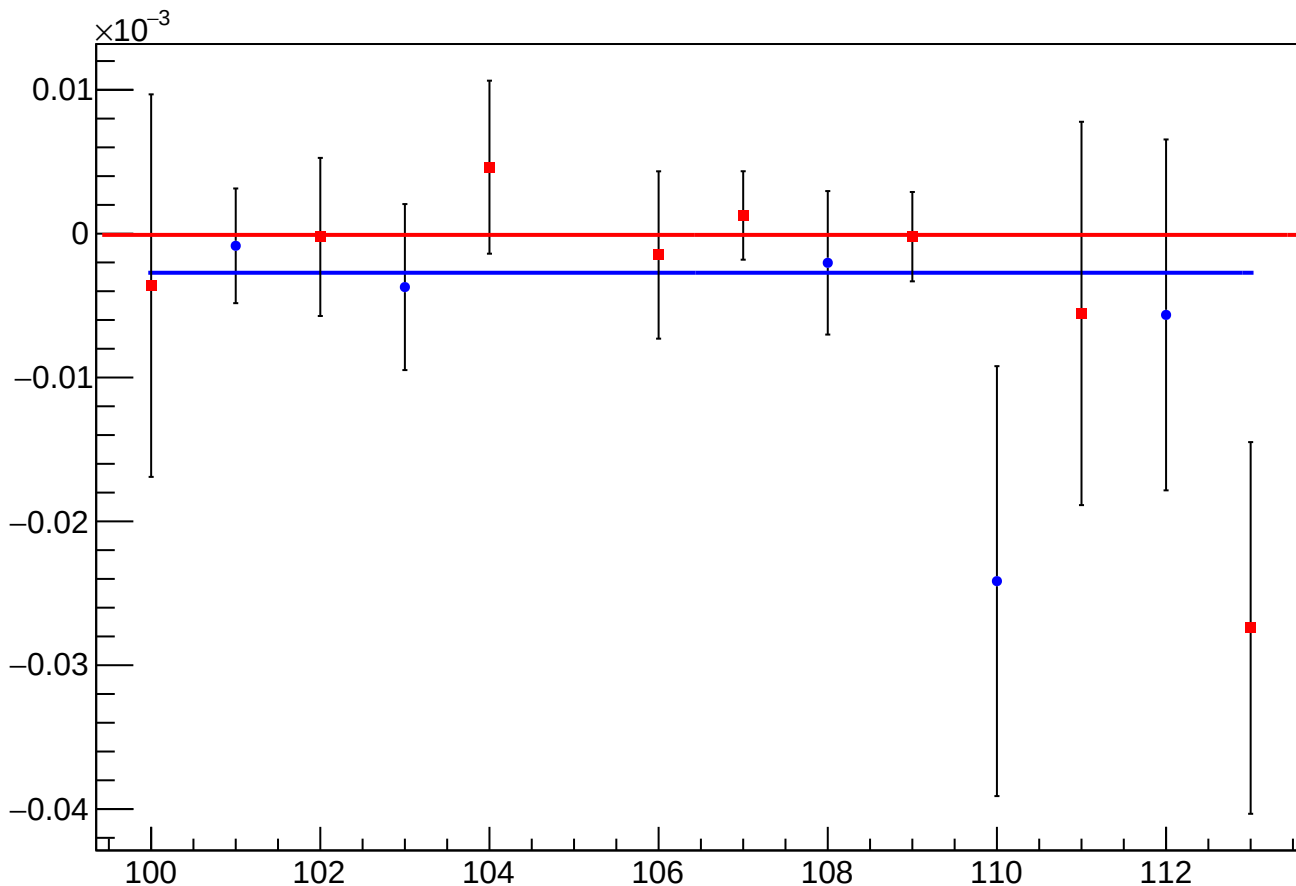
Right: 58.731+/-0.018 χ^2/NDF : 274967.2/12

In: 63.968+/-0.029 χ^2/NDF : 39055.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.731+/-0.018 χ^2/NDF : 274967.2/12

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 : 5.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

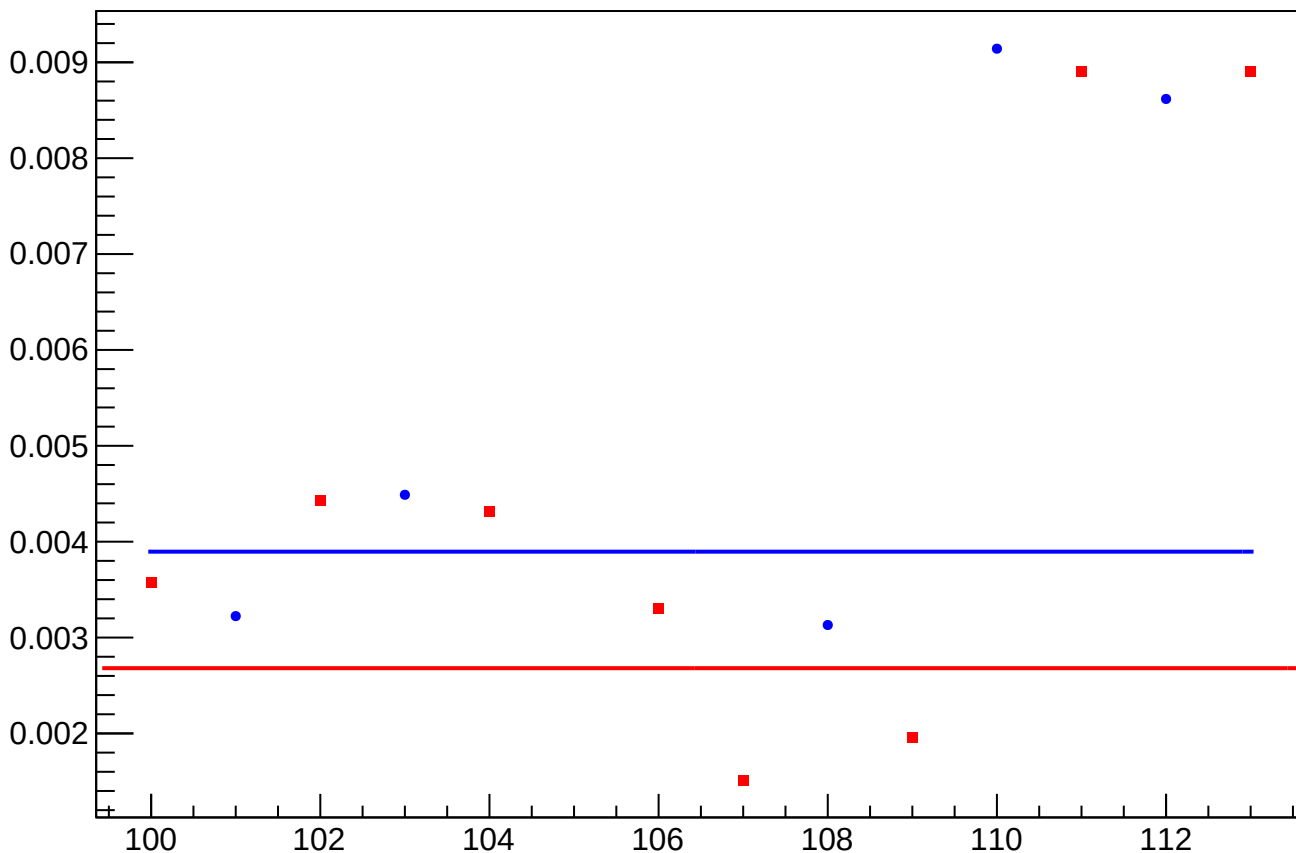
Right: -0.000+/-0.000 χ^2/NDF : 8.6/12

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 : 8.6/12

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 : 1679696.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

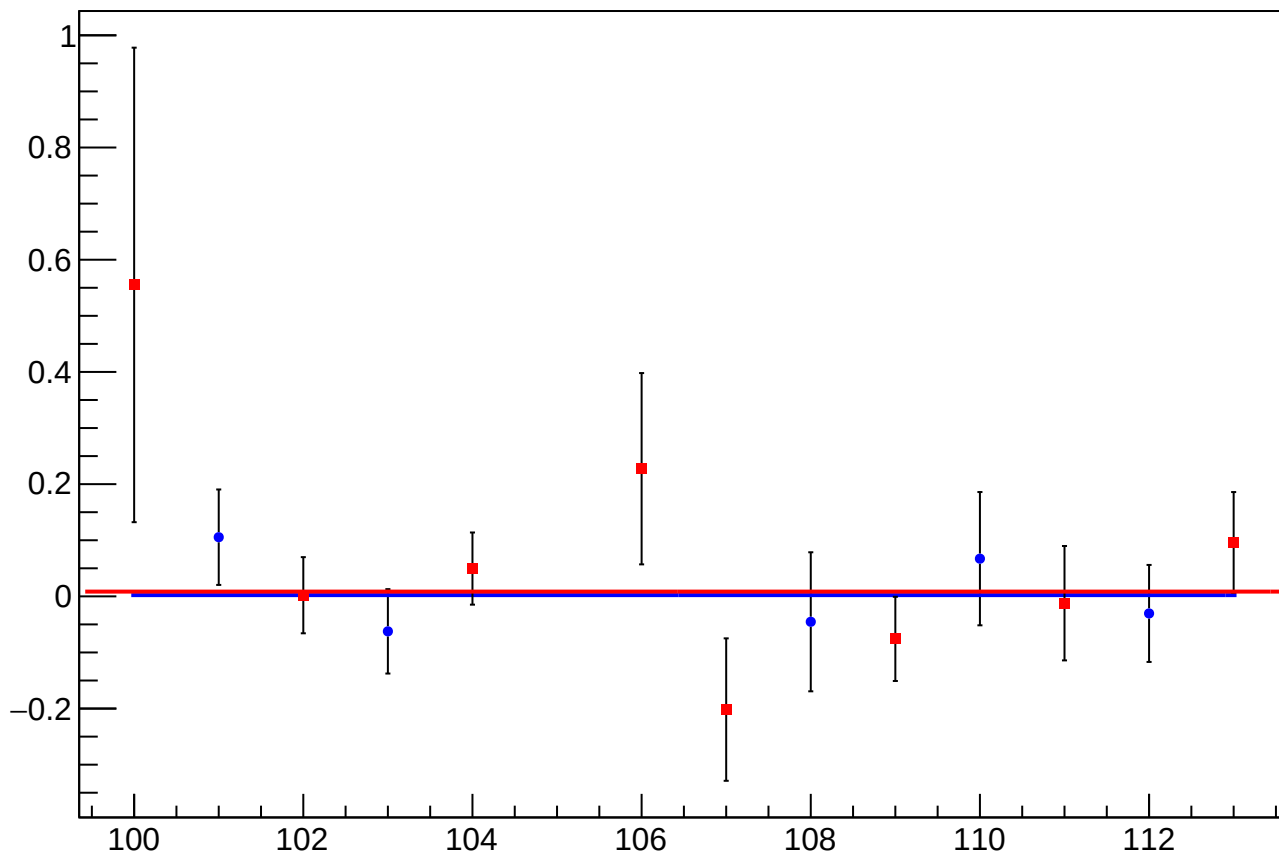
Right: 0.003+/-0.000 χ^2/NDF : 2643945.7/12

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 : 2643945.7/12

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: 0.008 $\pm$ 0.032 χ^2 /NDF: 8.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

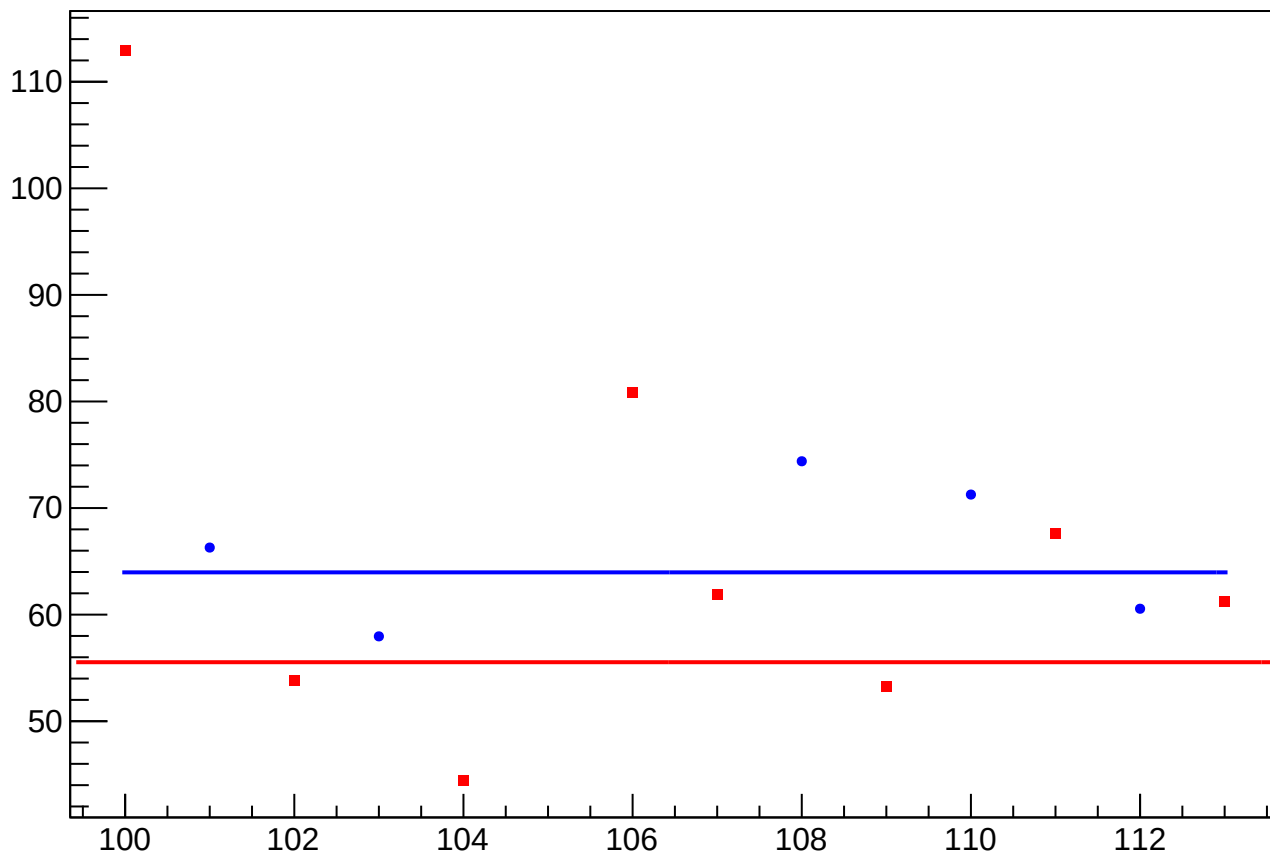
Right: 0.006 $\pm$ 0.025 χ^2 /NDF: 11.6/12

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: 0.006 $\pm$ 0.025 χ^2 /NDF: 11.6/12

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: 55.536+/-0.023 χ^2/NDF : 184252.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

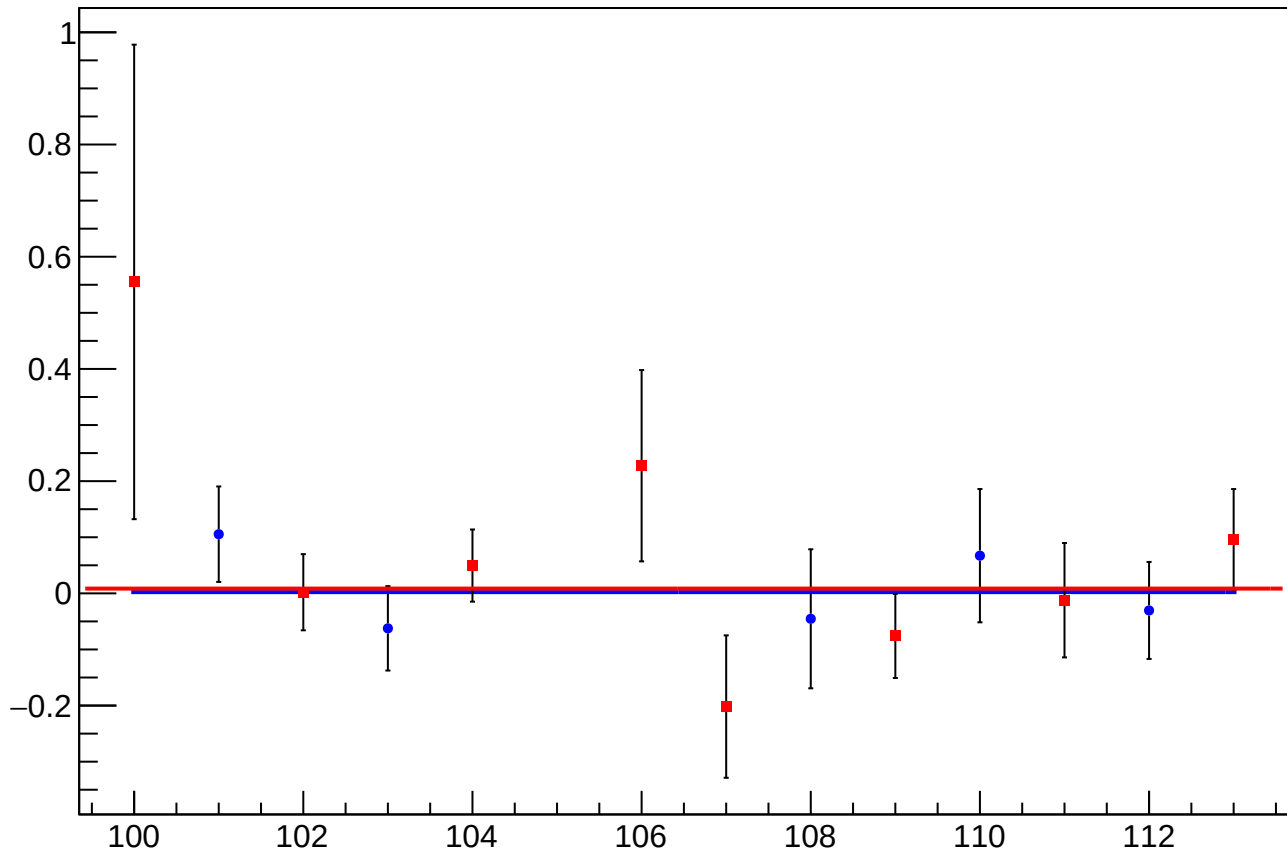
Right: 58.729+/-0.018 χ^2/NDF : 274939.1/12

In: 63.966+/-0.029 χ^2/NDF : 39061.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.729+/-0.018 χ^2/NDF : 274939.1/12

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: 0.008 $\pm$ 0.032 χ^2 /NDF: 8.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

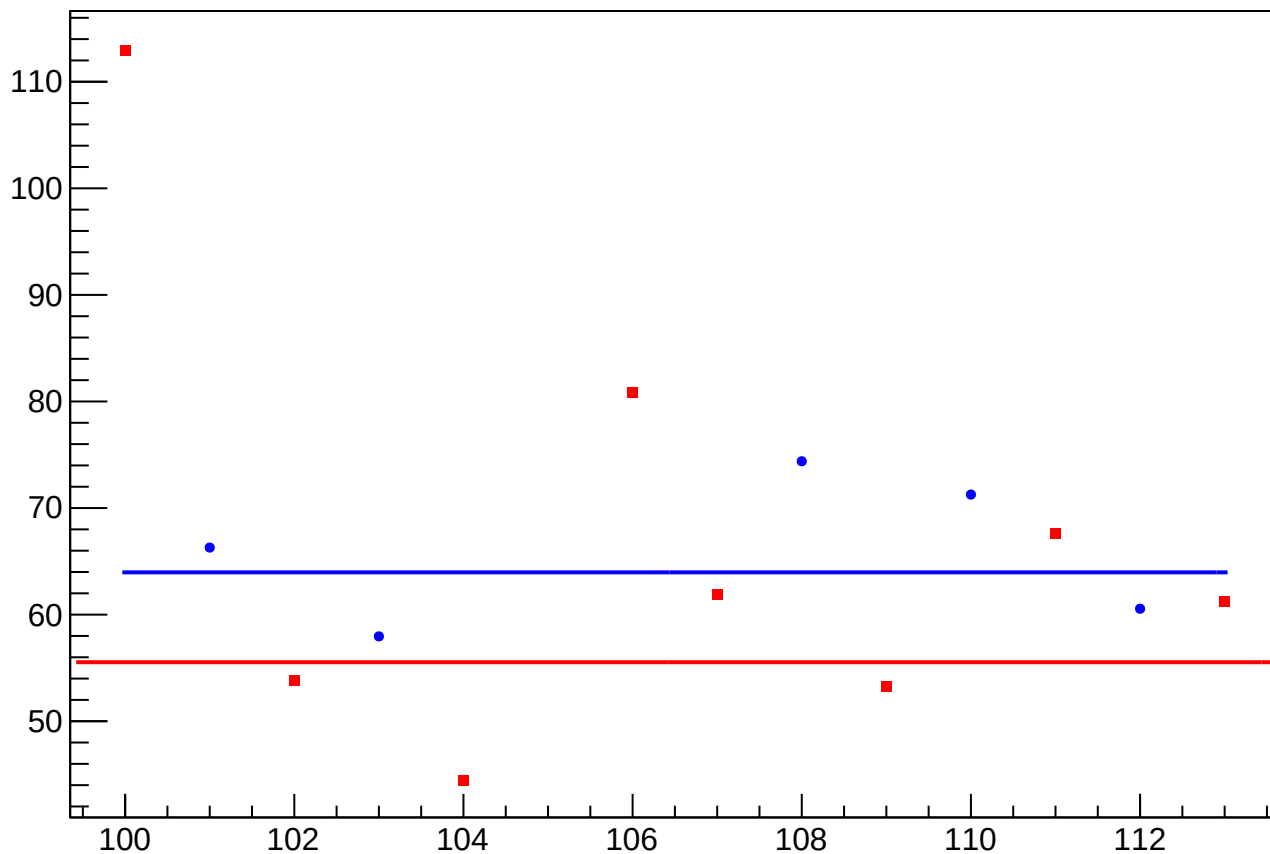
Right: 0.006 $\pm$ 0.025 χ^2 /NDF: 11.6/12

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: 0.006 $\pm$ 0.025 χ^2 /NDF: 11.6/12

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: 55.536+/-0.023 χ^2/NDF : 184252.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

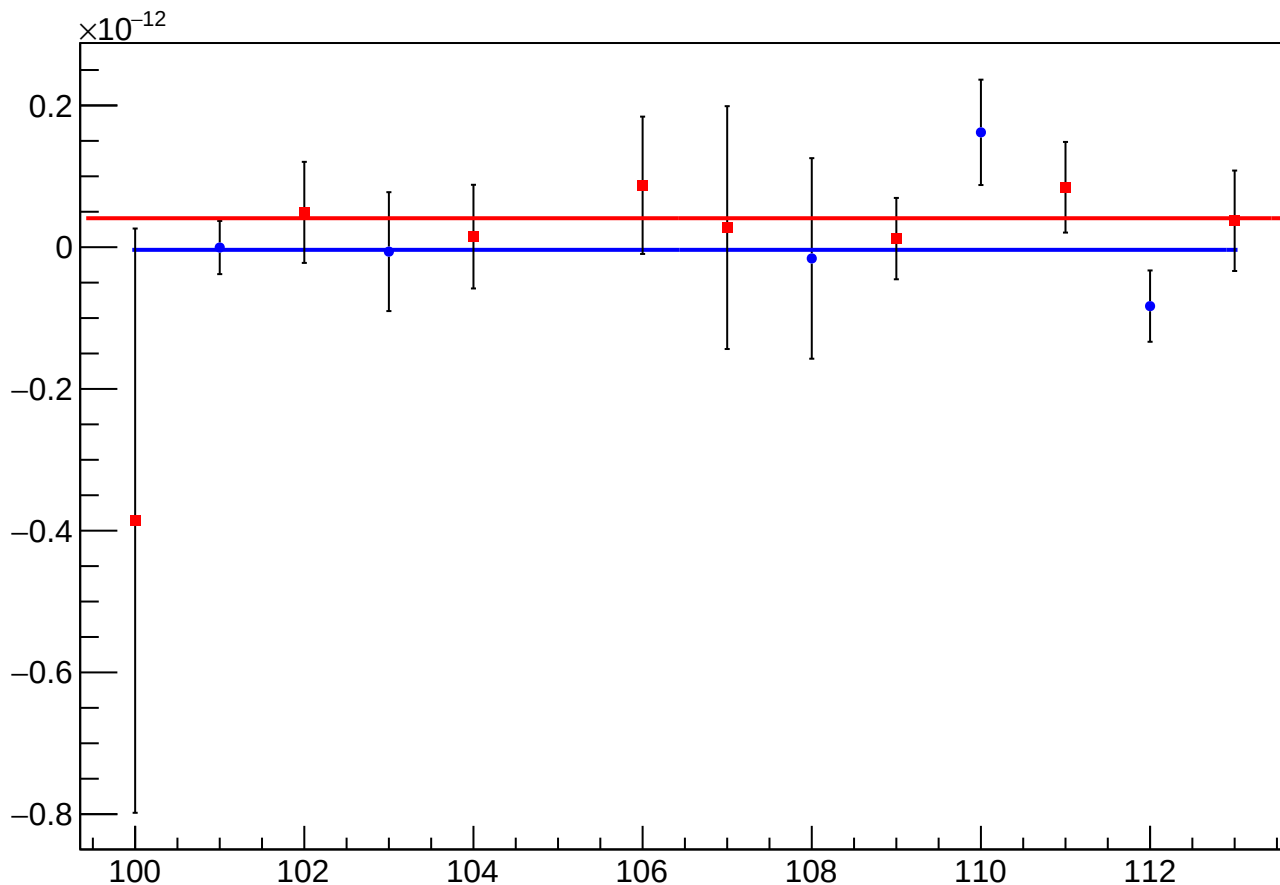
Right: 58.729+/-0.018 χ^2/NDF : 274939.1/12

In: 63.966+/-0.029 χ^2/NDF : 39061.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.729+/-0.018 χ^2/NDF : 274939.1/12

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 : 2.2/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

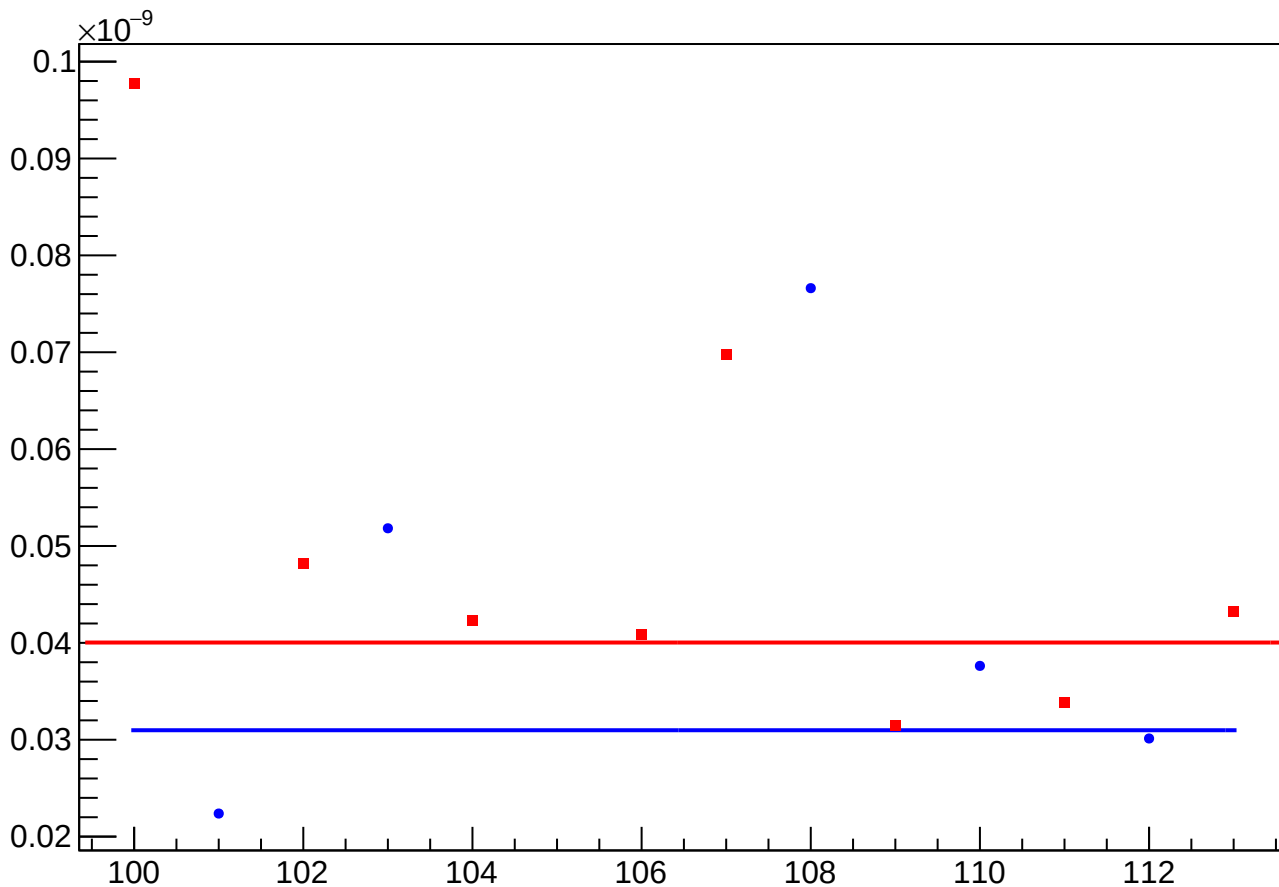
Right: 0.000 ± 0.000 χ^2/NDF : 11.0/12

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 : 11.0/12

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 : 194955.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

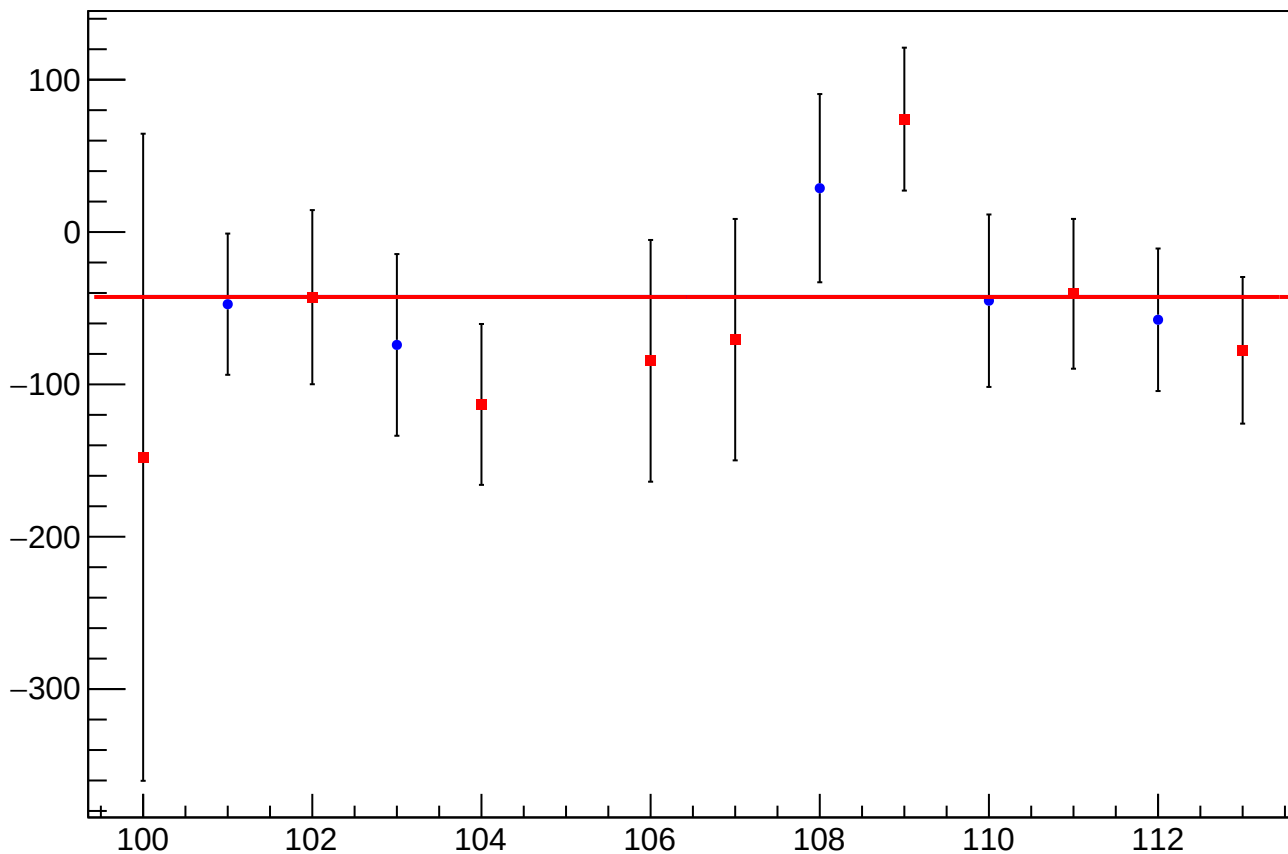
Right: 0.000+/-0.000 χ^2/NDF : 760480.0/12

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 : 760480.0/12

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: -42.616 $\pm$ 20.829 χ^2 /NDF: 9.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

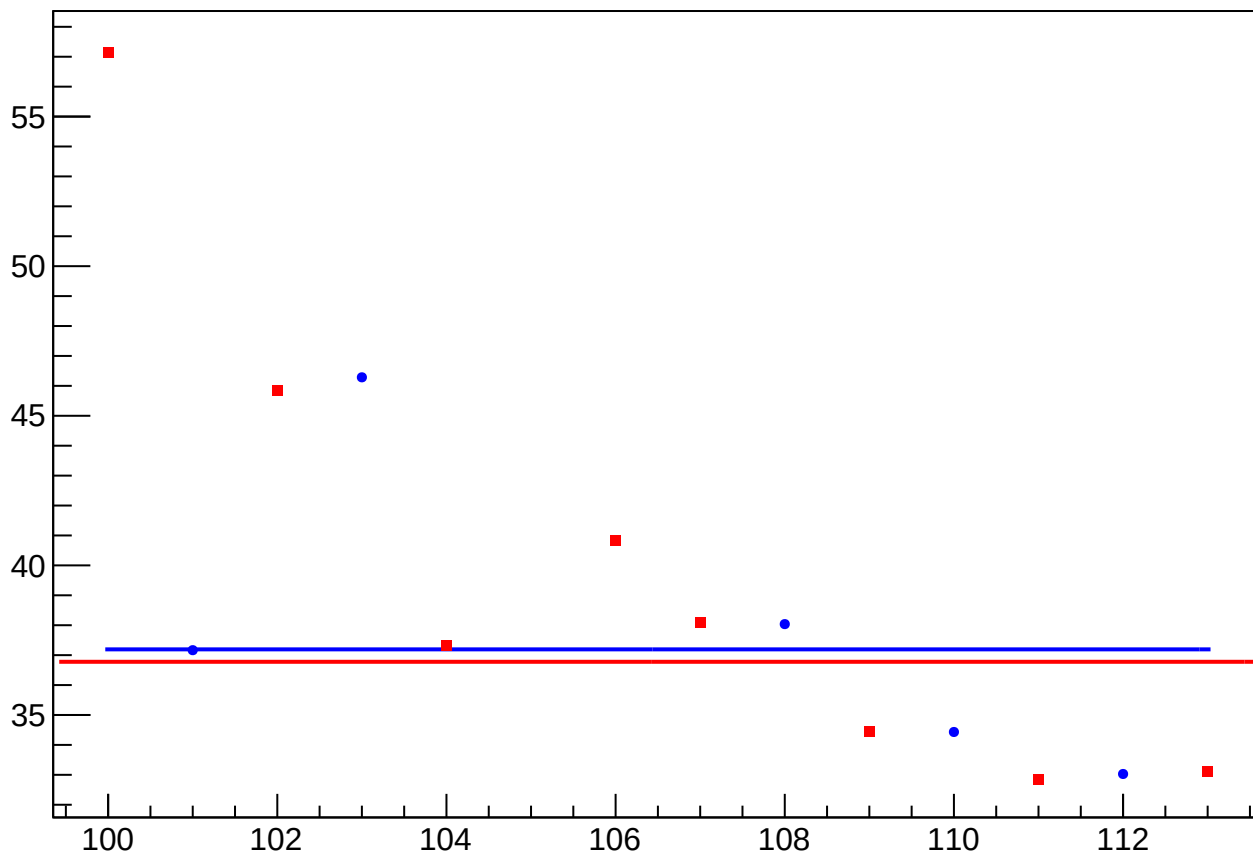
Right: -42.605 $\pm$ 15.650 χ^2 /NDF: 10.9/12

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: -42.605 $\pm$ 15.650 χ^2 /NDF: 10.9/12

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: 36.778+/-0.015 χ^2/NDF : 104100.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

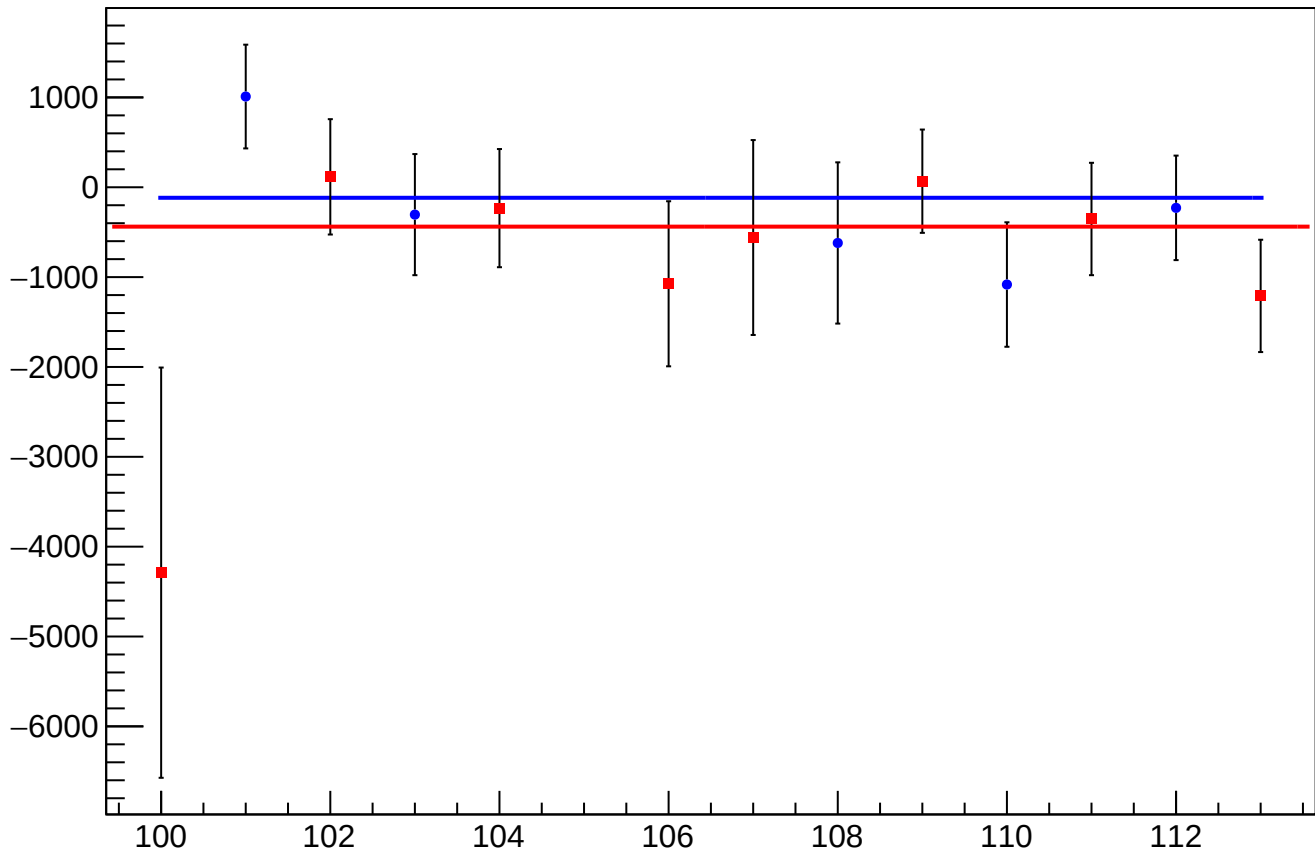
Right: 36.959+/-0.011 χ^2/NDF : 171928.5/12

In: 37.193+/-0.017 χ^2/NDF : 67482.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.959+/-0.011 χ^2/NDF : 171928.5/12

asym_sam_1357_2468_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -117.081 $\pm$ 295.080 χ^2 /NDF: 6.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -438.205 $\pm$ 257.268 χ^2 /NDF: 6.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

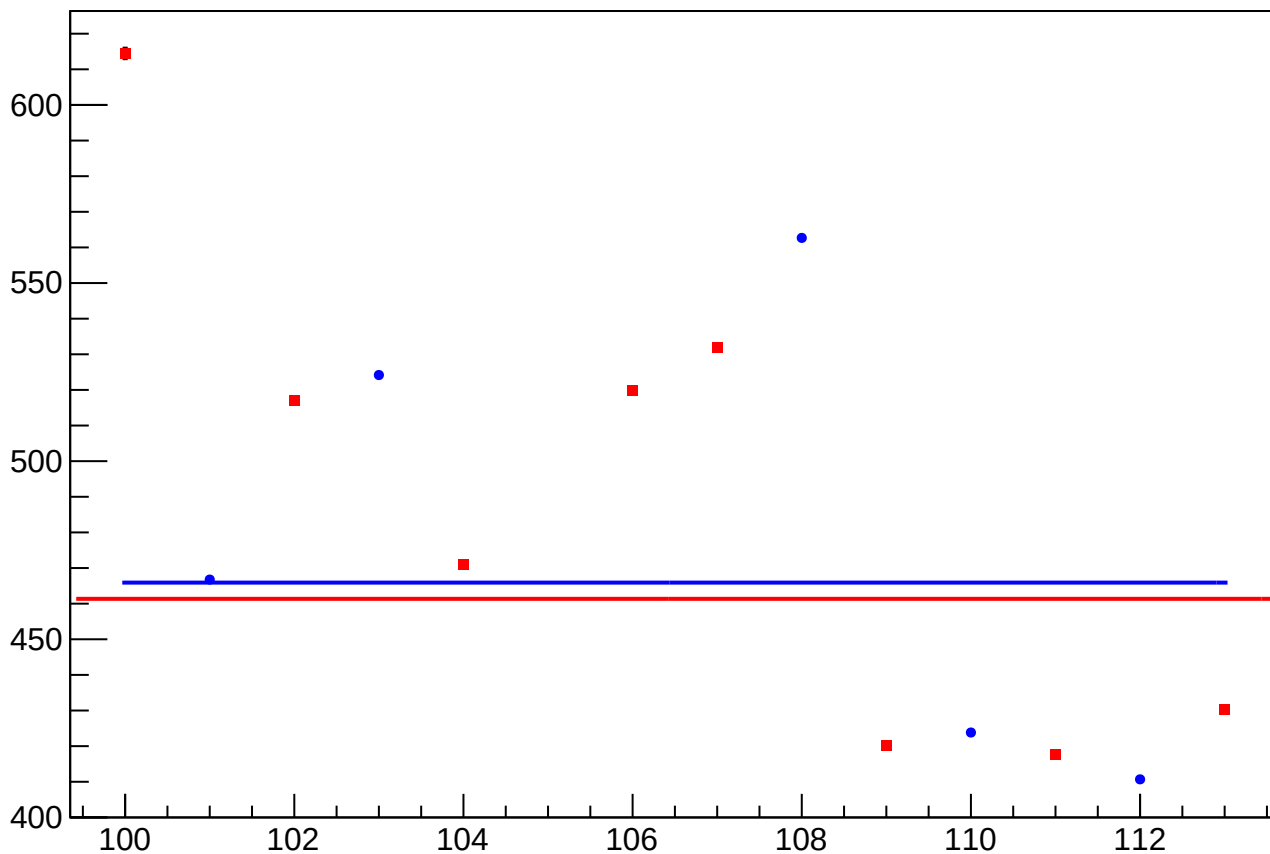
Right: -299.523 $\pm$ 193.915 χ^2 /NDF: 13.3/12

In: -117.081 $\pm$ 295.080 χ^2 /NDF:6.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -299.523 $\pm$ 193.915 χ^2 /NDF: 13.3/12

asym_sam_1357_2468_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 465.910+/-0.209 χ^2/NDF : 63634.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 461.355+/-0.182 χ^2/NDF : 66056.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

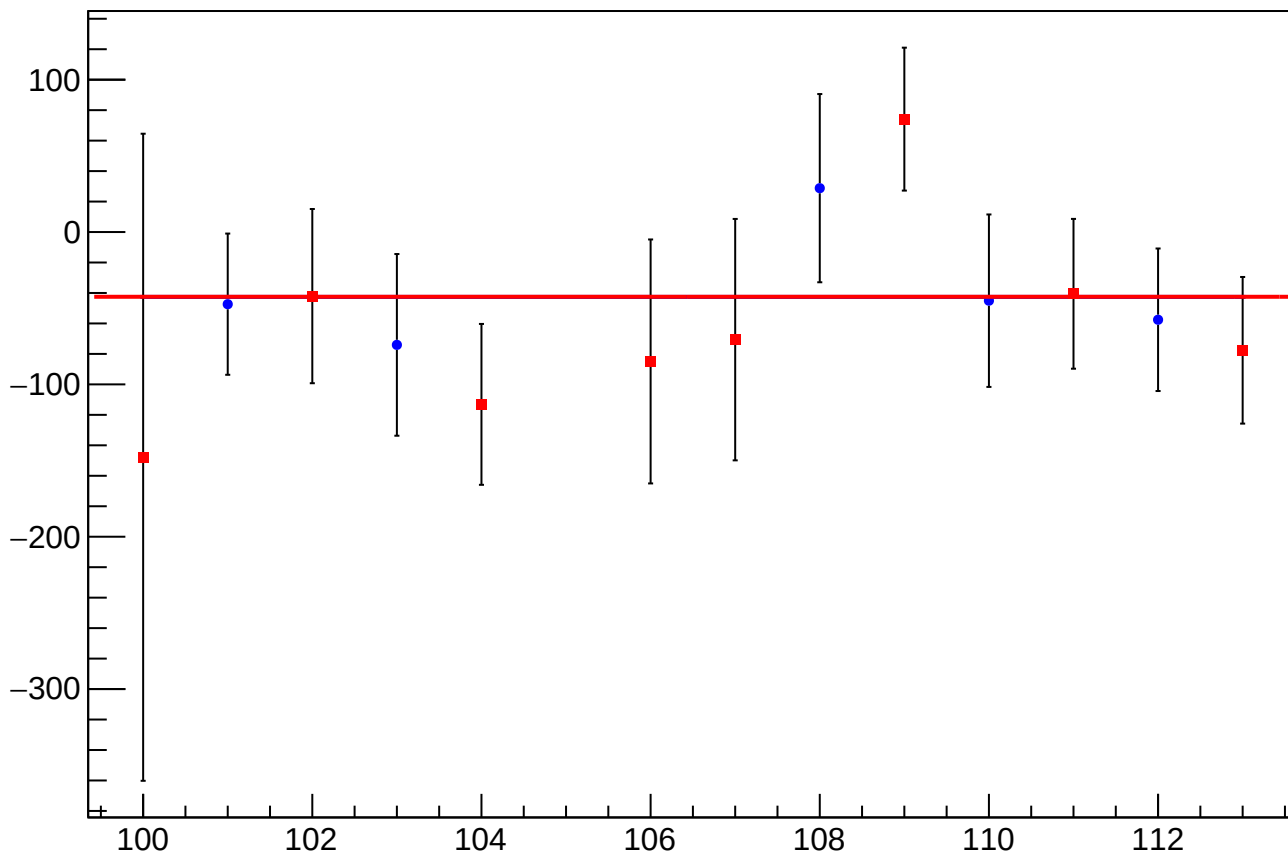
Right: 463.322+/-0.137 χ^2/NDF : 129960.9/12

In: 465.910+/-0.209 χ^2/NDF : 63634.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 463.322+/-0.137 χ^2/NDF : 129960.9/12

cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -42.586+/-23.716 χ^2/NDF : 1.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -42.496+/-20.843 χ^2/NDF : 9.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

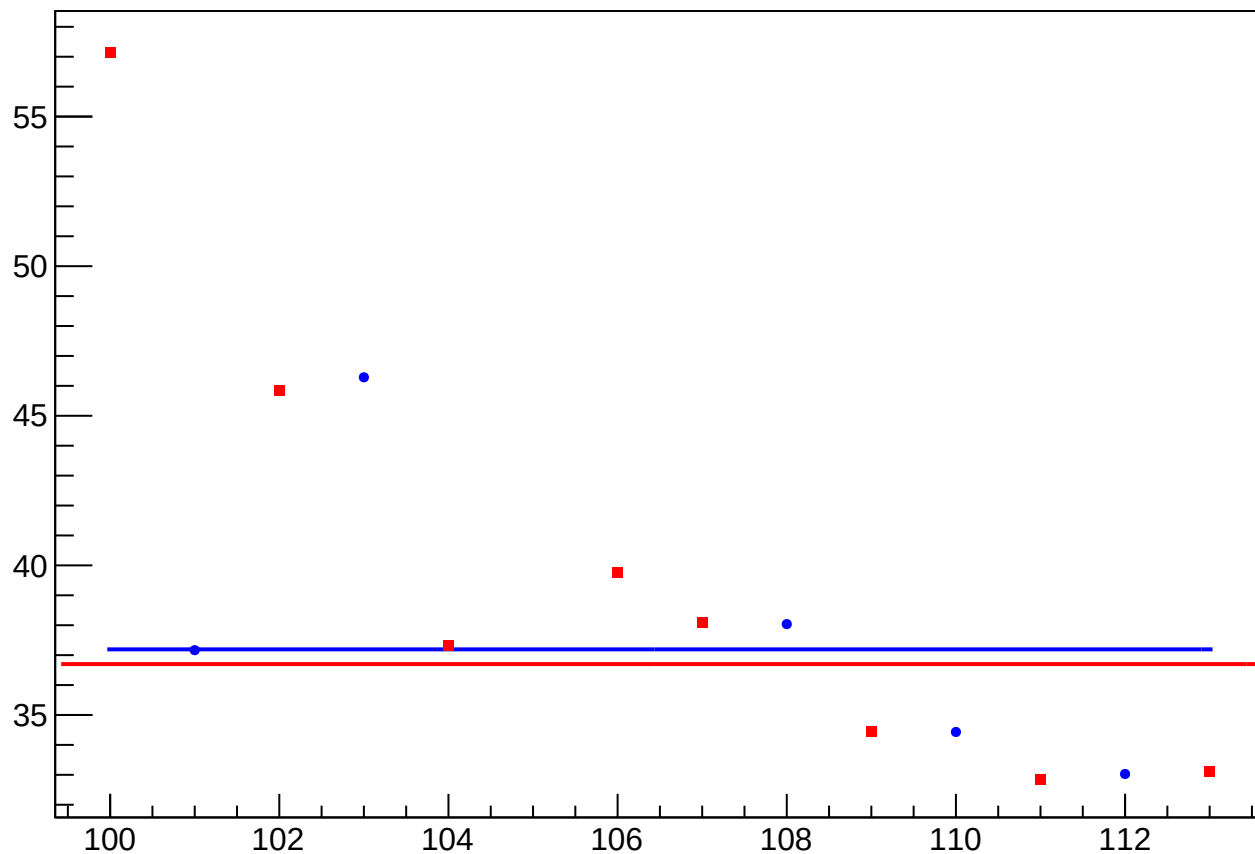
Right: -42.535+/-15.656 χ^2/NDF : 10.9/12

In: -42.586+/-23.716 χ^2/NDF : 1.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.535+/-15.656 χ^2/NDF : 10.9/12

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: 36.701+/-0.015 χ^2/NDF : 101757.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

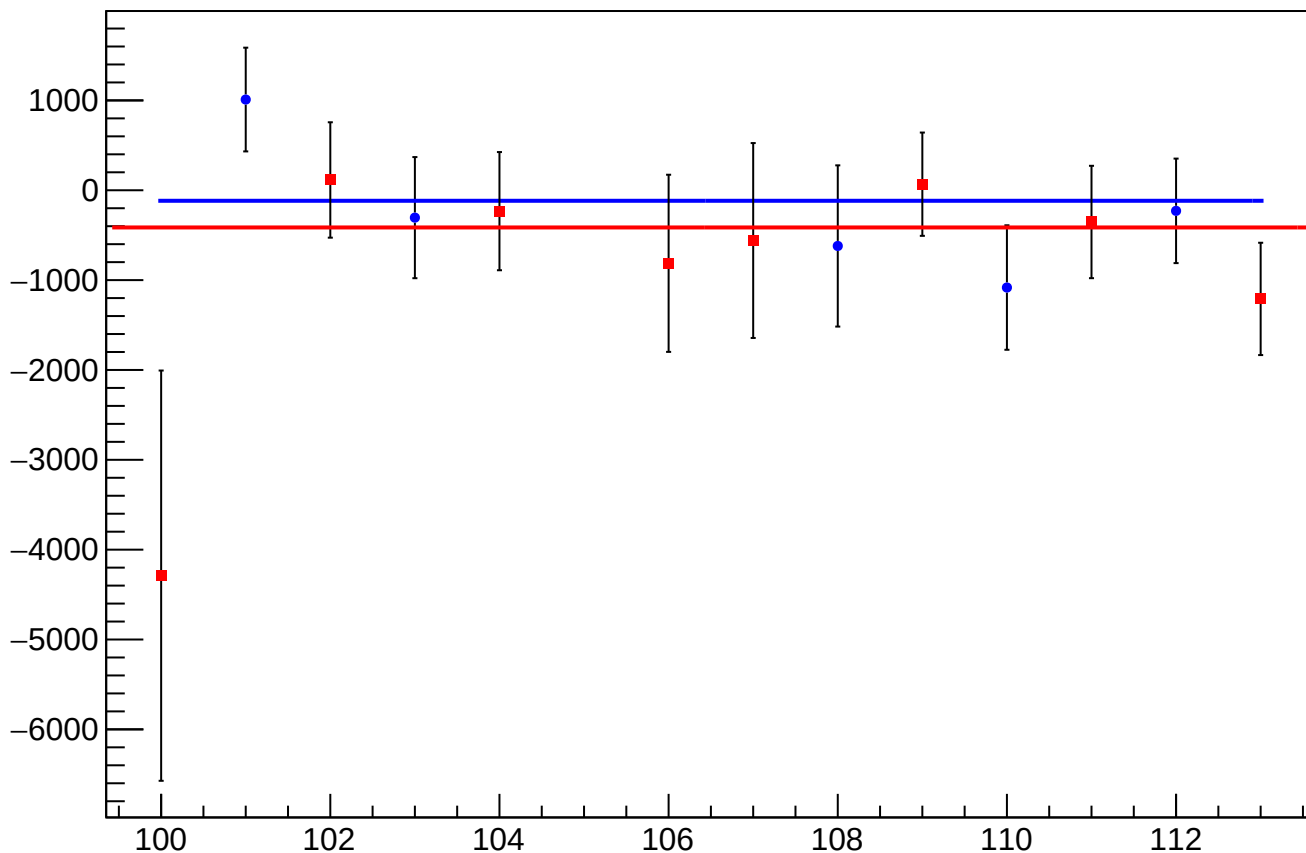
Right: 36.915+/-0.011 χ^2/NDF : 169728.4/12

In: 37.193+/-0.017 χ^2/NDF : 67484.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.915+/-0.011 χ^2/NDF : 169728.4/12

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: -413.931 $\pm$ 258.626 χ^2 /NDF: 6.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

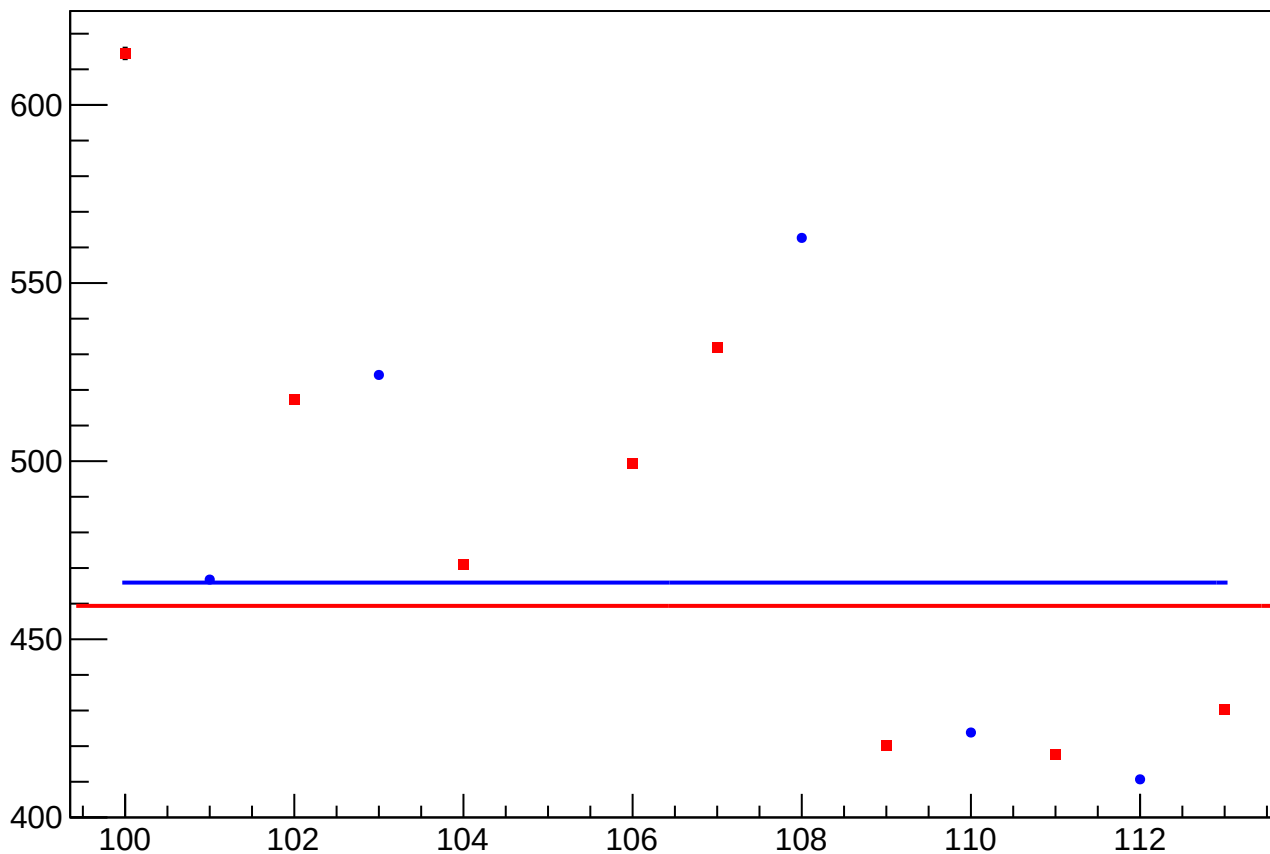
Right: -284.981 $\pm$ 194.496 χ^2 /NDF: 12.9/12

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: -284.981 $\pm$ 194.496 χ^2 /NDF: 12.9/12

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: 459.376+/-0.183 χ^2/NDF : 60941.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

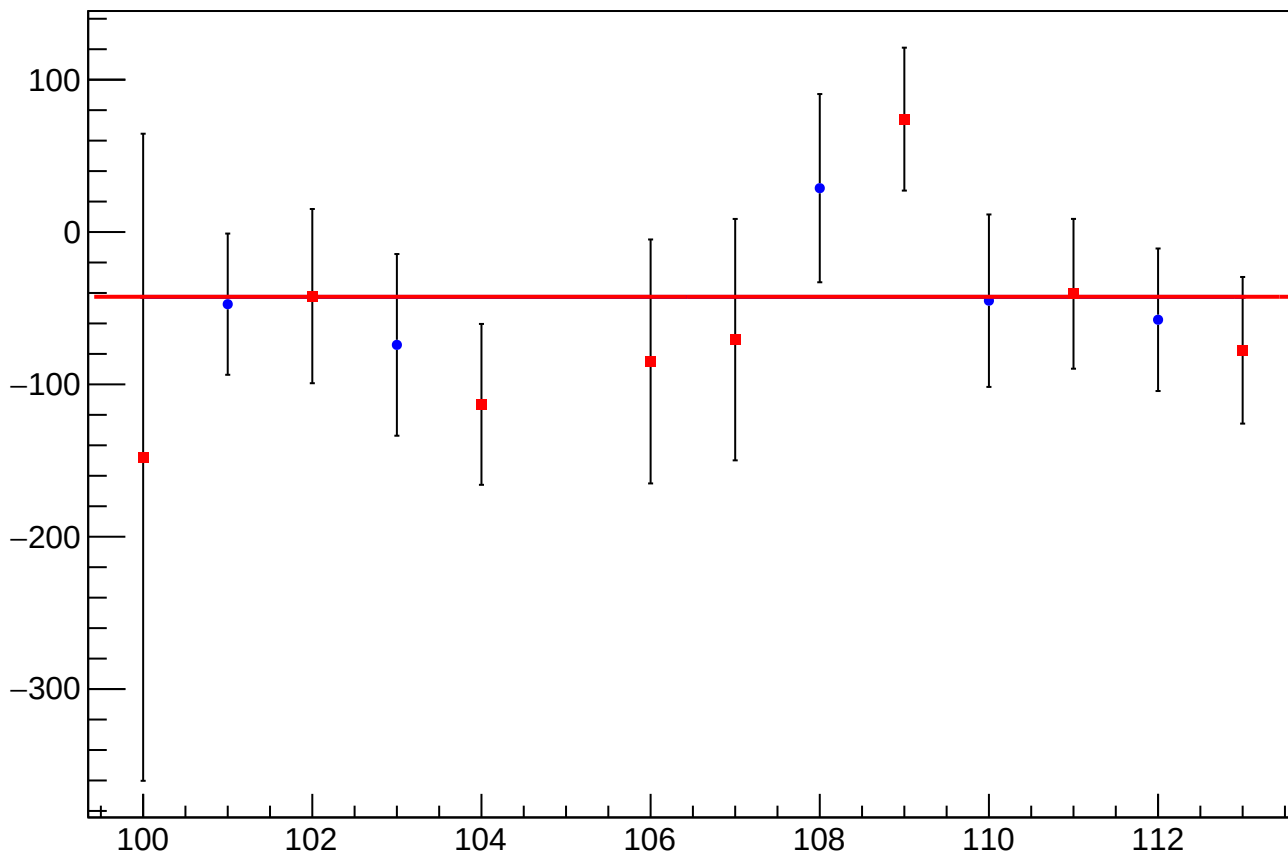
Right: 462.216+/-0.138 χ^2/NDF : 125141.6/12

In: 465.913+/-0.209 χ^2/NDF : 63645.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 462.216+/-0.138 χ^2/NDF : 125141.6/12

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: -42.496 $\pm$ 20.843 χ^2 /NDF: 9.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

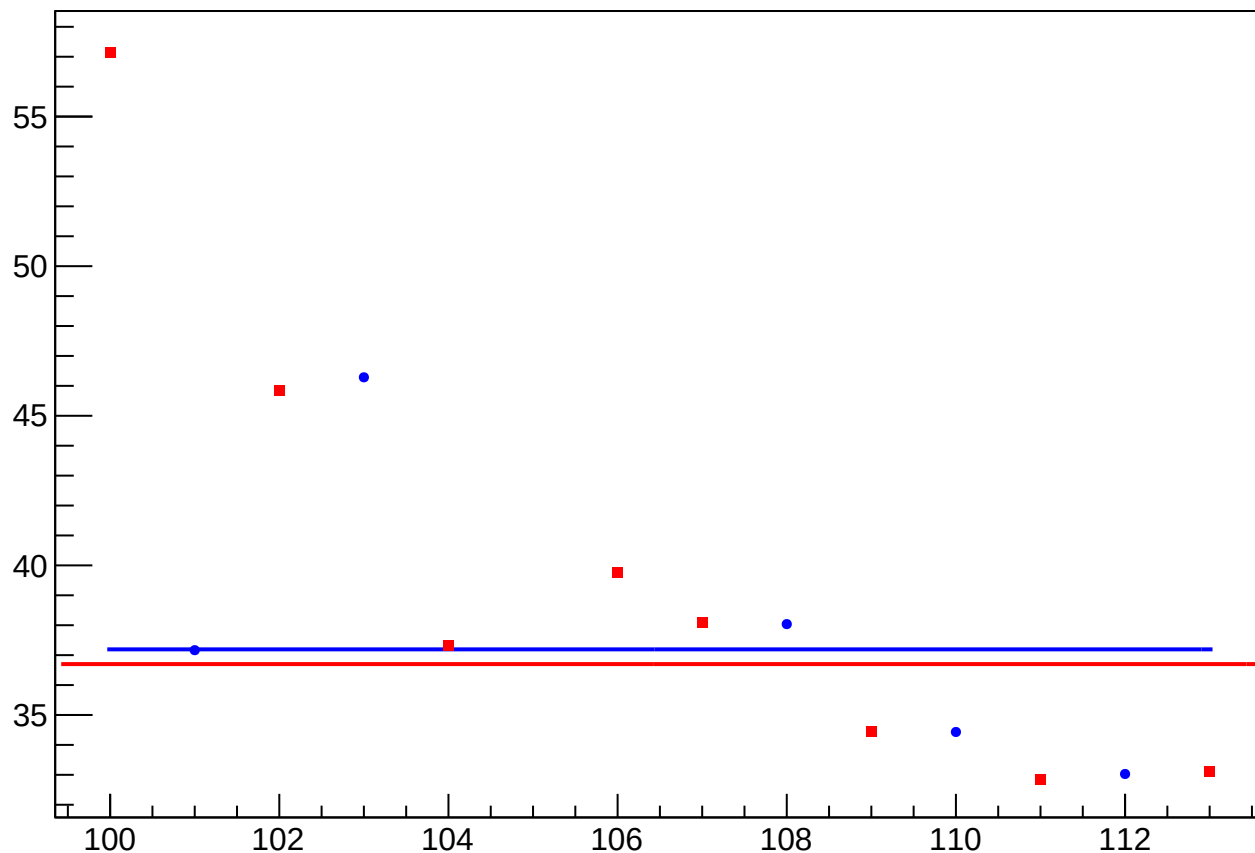
Right: -42.535 $\pm$ 15.656 χ^2 /NDF: 10.9/12

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: -42.535 $\pm$ 15.656 χ^2 /NDF: 10.9/12

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: 36.701+/-0.015 χ^2/NDF : 101757.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

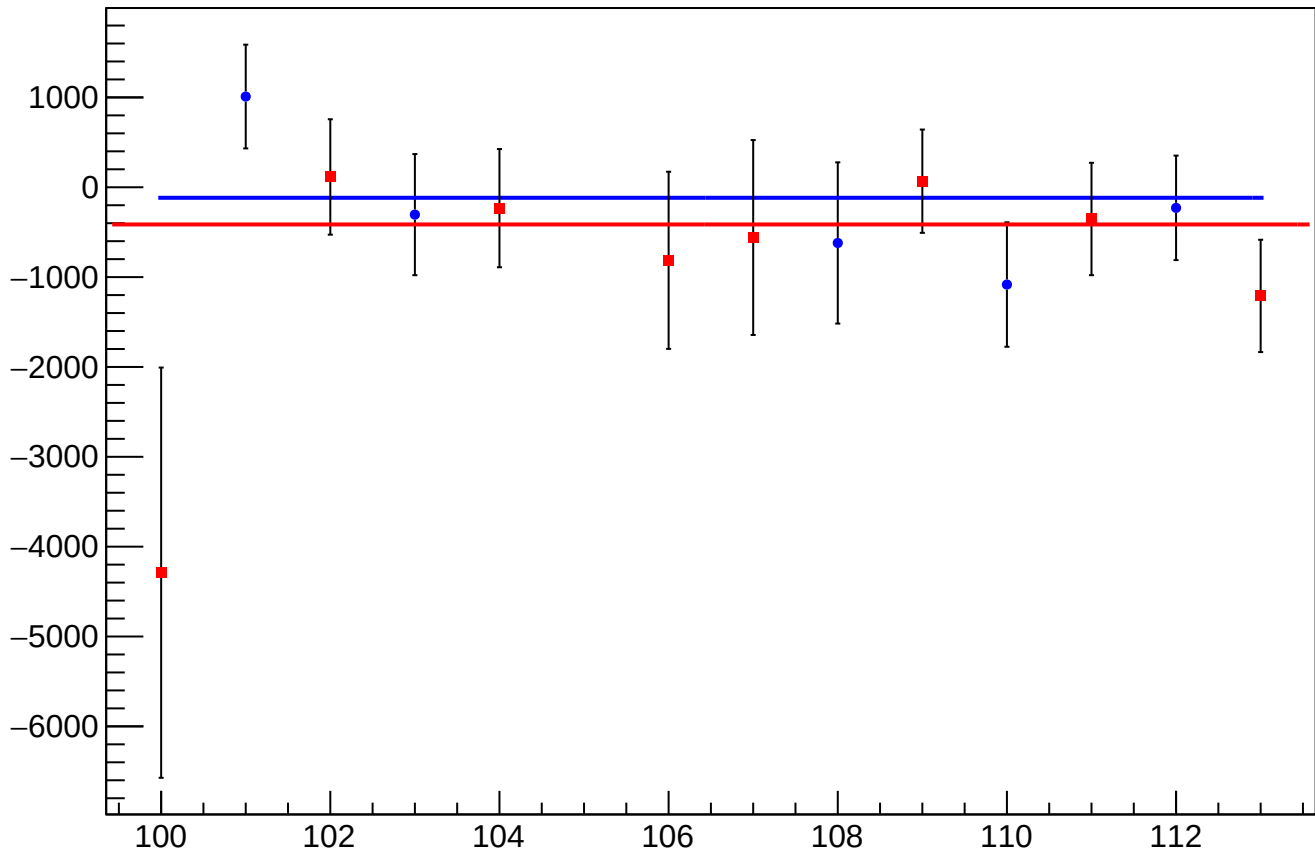
Right: 36.915+/-0.011 χ^2/NDF : 169728.4/12

In: 37.193+/-0.017 χ^2/NDF : 67484.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.915+/-0.011 χ^2/NDF : 169728.4/12

asym_sam_1357_2468_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -117.115+/-295.083 χ^2 /NDF: 6.2/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -413.931+/-258.626 χ^2 /NDF: 6.1/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

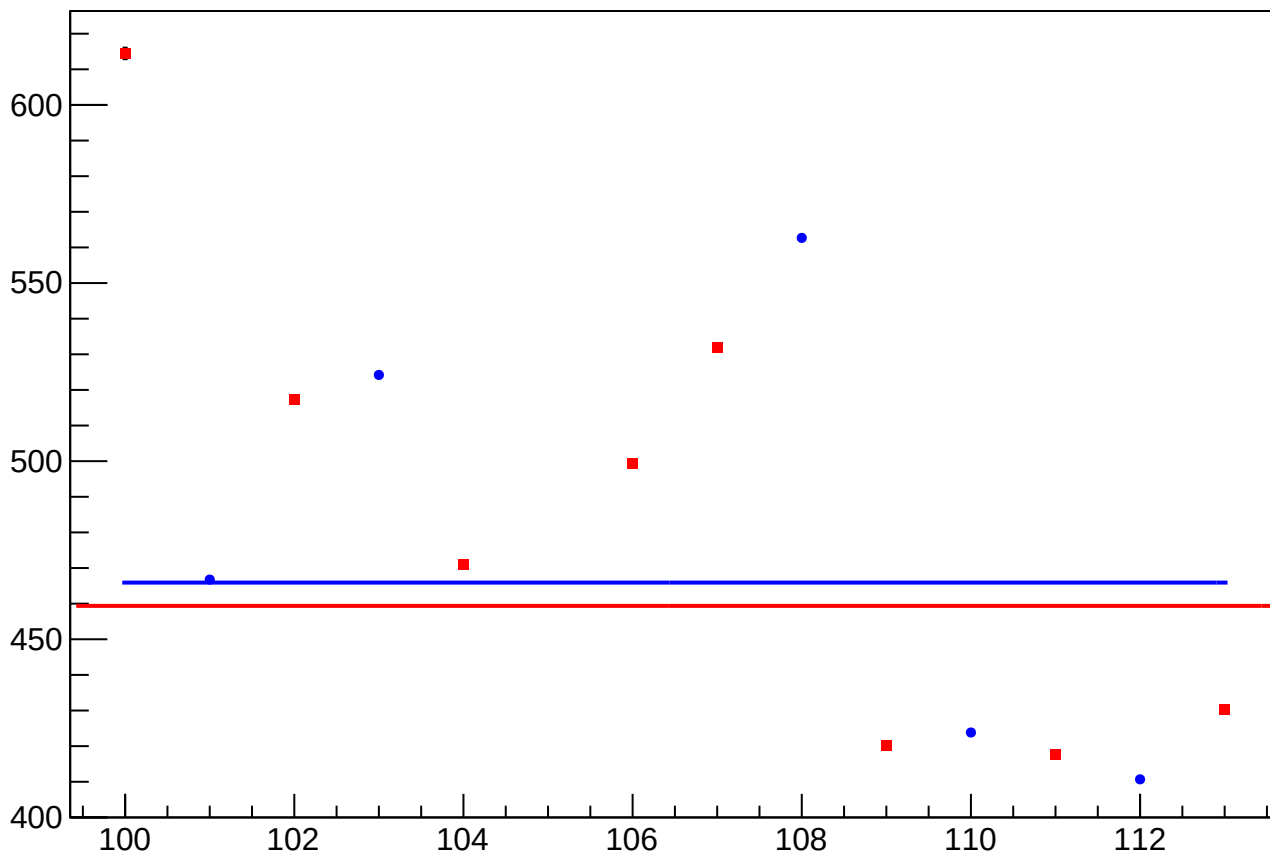
Right: -284.981+/-194.496 χ^2 /NDF: 12.9/12

In: -117.115+/-295.083 χ^2 /NDF:6.2/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -284.981+/-194.496 χ^2 /NDF: 12.9/12

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: 459.376+/-0.183 χ^2/NDF : 60941.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

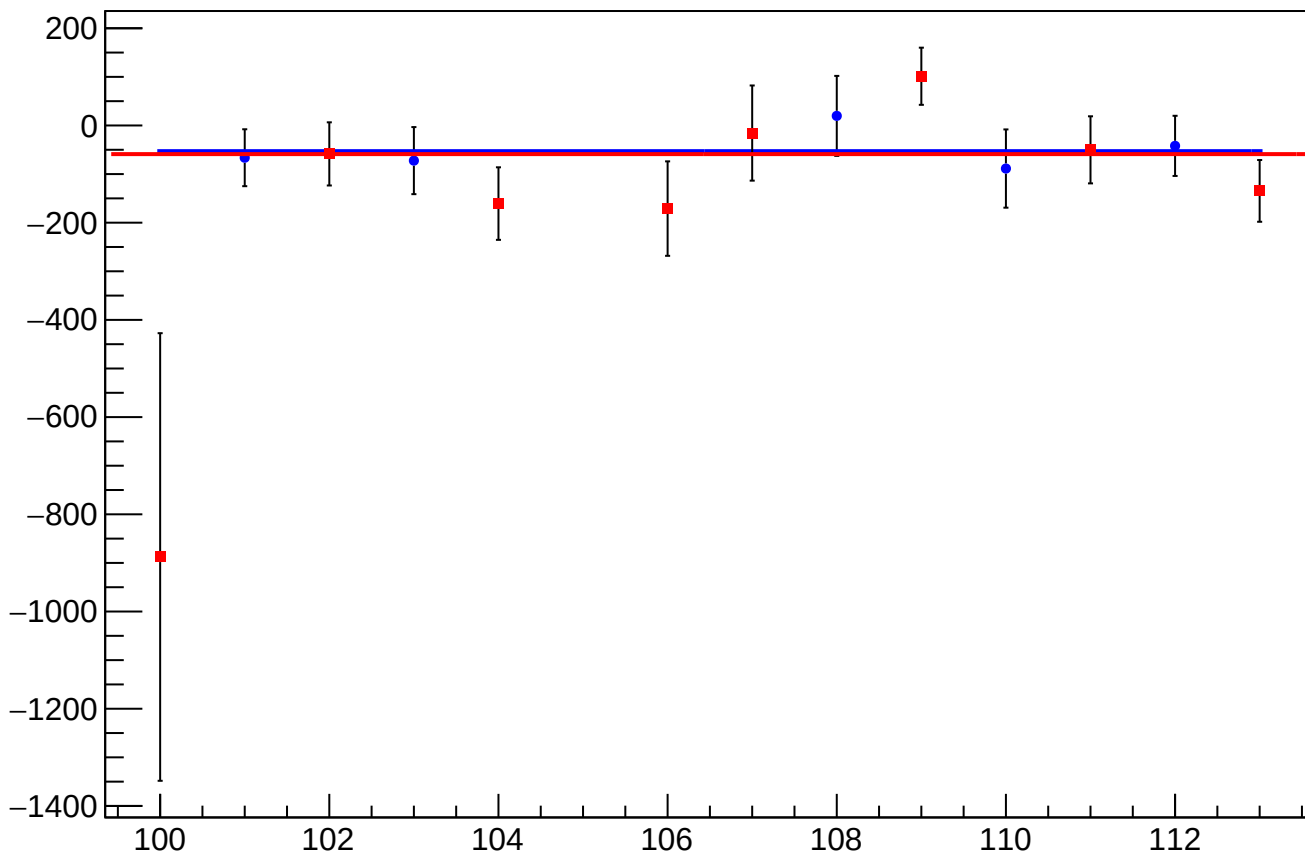
Right: 462.216+/-0.138 χ^2/NDF : 125141.6/12

In: 465.913+/-0.209 χ^2/NDF : 63645.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 462.216+/-0.138 χ^2/NDF : 125141.6/12

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: -58.928 $\pm$ 26.935 χ^2 /NDF: 15.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

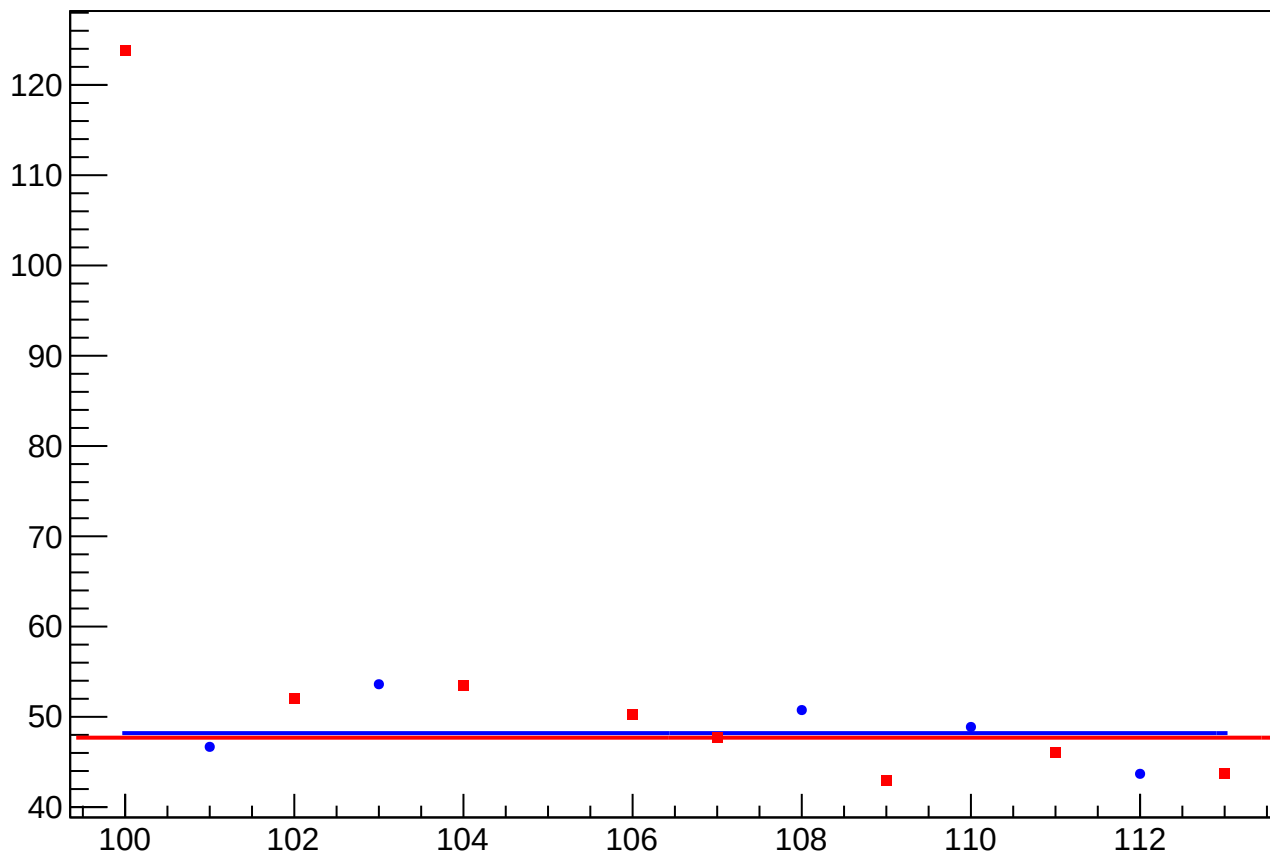
Right: -56.275 $\pm$ 20.231 χ^2 /NDF: 16.6/12

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: -56.275 $\pm$ 20.231 χ^2 /NDF: 16.6/12

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 48.195 $\pm$ 0.022 χ^2 /NDF: 26349.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 47.692 $\pm$ 0.019 χ^2 /NDF: 99076.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

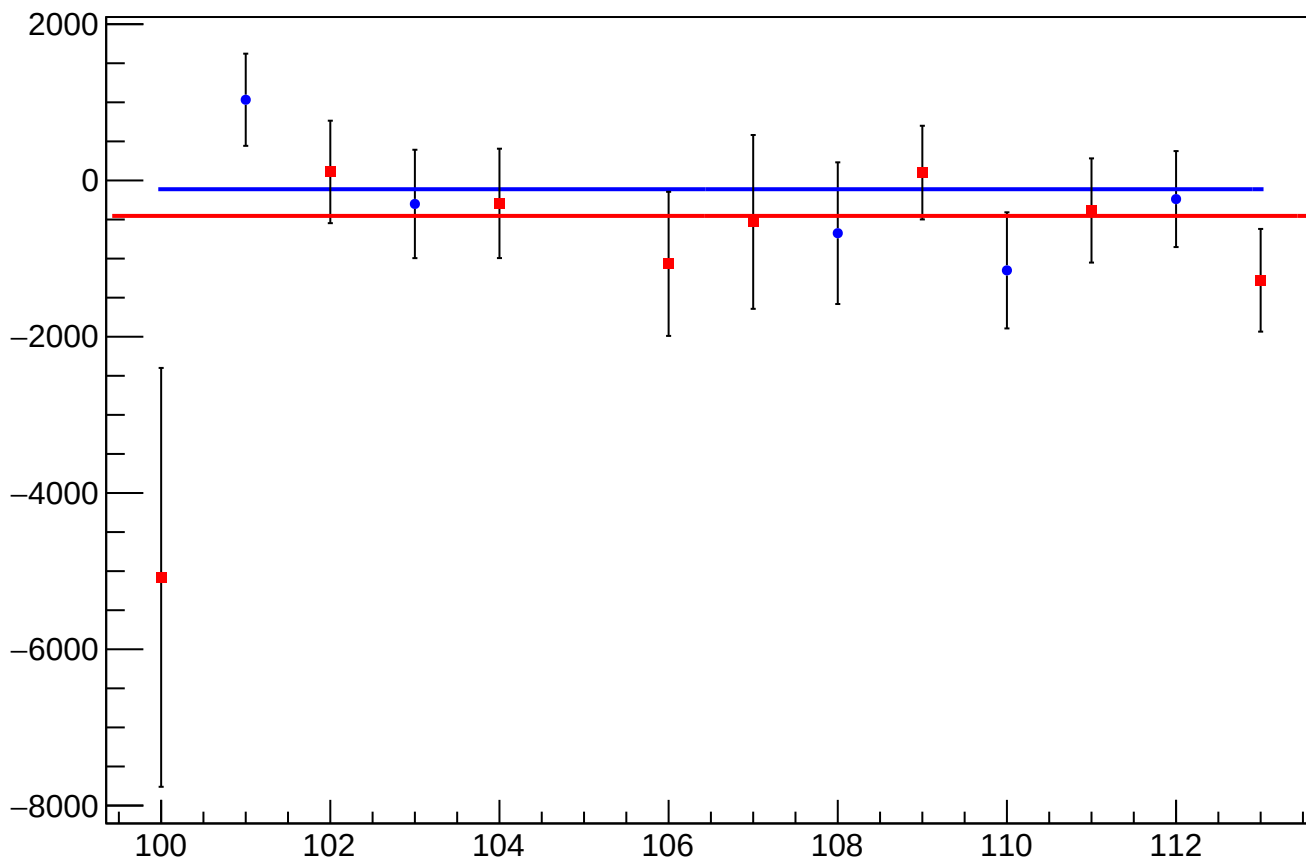
Right: 47.912 $\pm$ 0.014 χ^2 /NDF: 125729.4/12

In: 48.195 $\pm$ 0.022 χ^2 /NDF:26349.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 47.912 $\pm$ 0.014 χ^2 /NDF: 125729.4/12

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: -453.729+/-268.818 χ^2 /NDF: 6.7/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

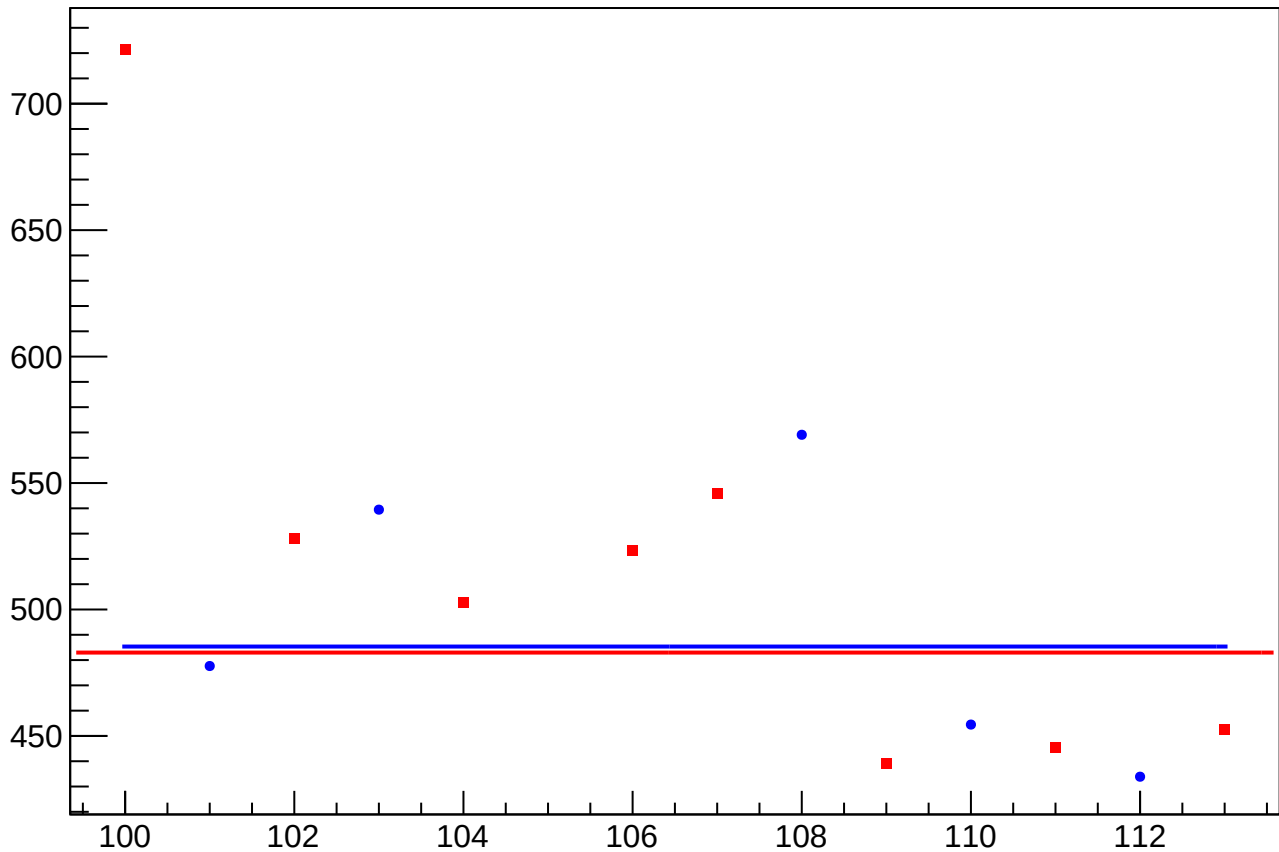
Right: -305.310+/-202.152 χ^2 /NDF: 13.6/12

In: -112.137+/-306.681 χ^2 /NDF:6.2/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -305.310+/-202.152 χ^2 /NDF: 13.6/12

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: 482.967+/-0.190 χ^2/NDF : 58461.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

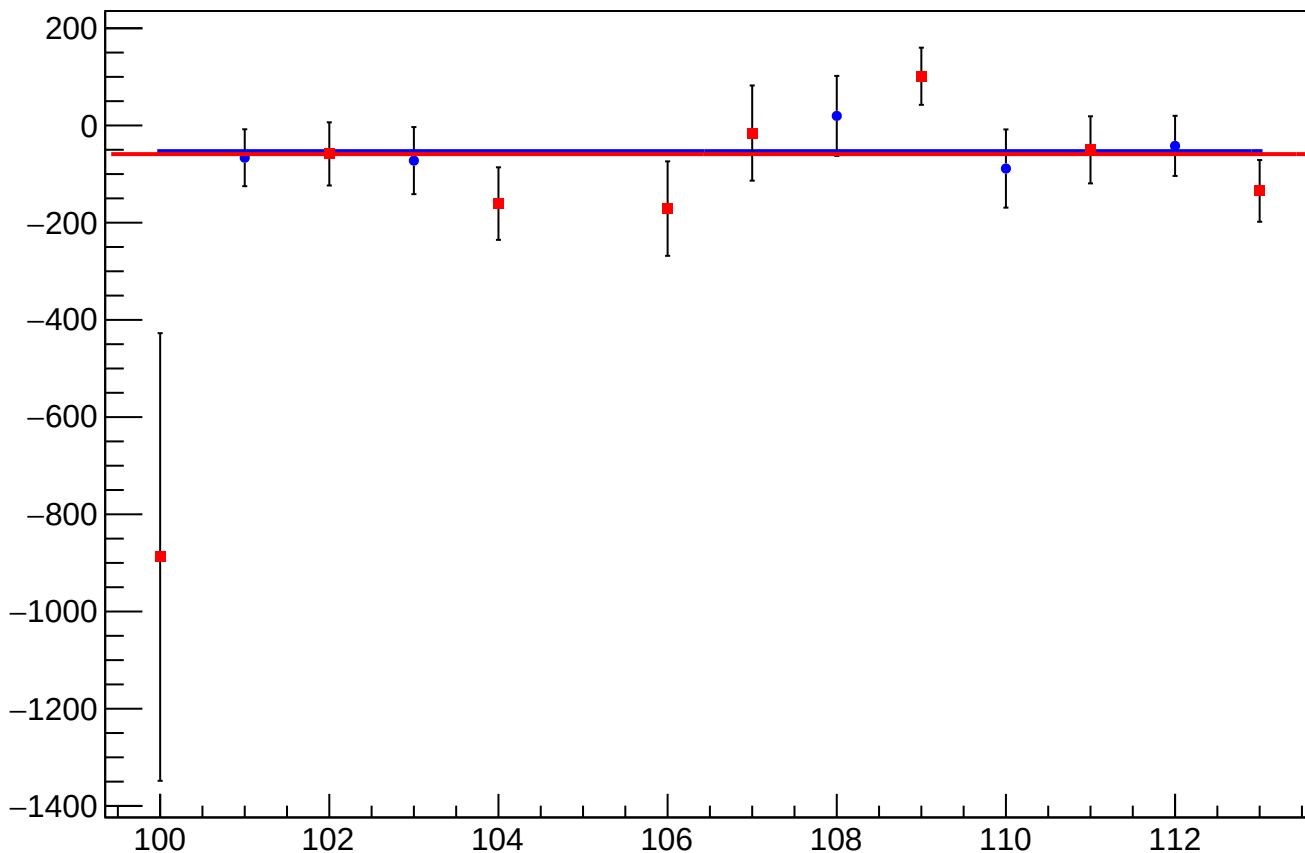
Right: 484.003+/-0.143 χ^2/NDF : 105608.2/12

In: 485.351+/-0.217 χ^2/NDF : 47078.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 484.003+/-0.143 χ^2/NDF : 105608.2/12

eigen_dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -52.840+/-30.643 χ^2/NDF : 1.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -58.926+/-26.935 χ^2/NDF : 15.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

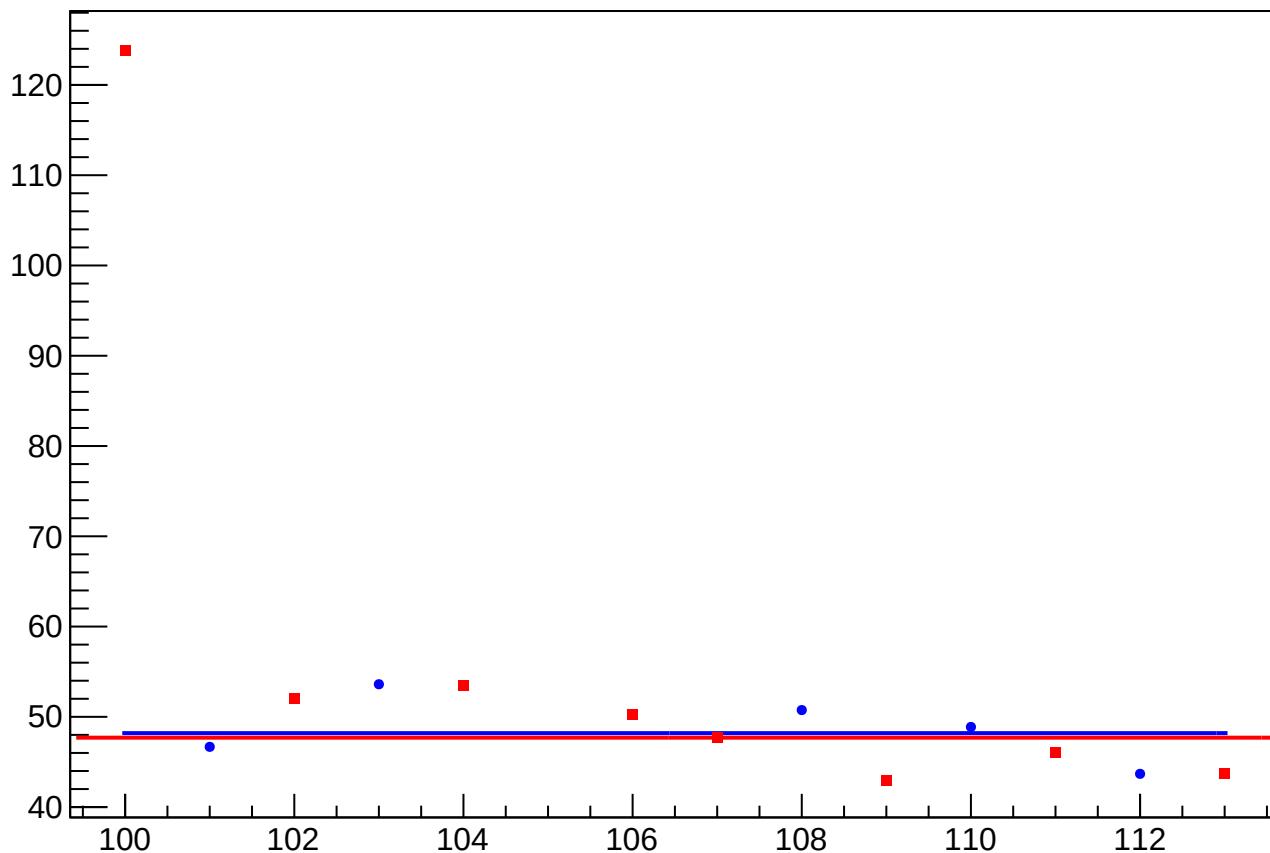
Right: -56.273+/-20.230 χ^2/NDF : 16.6/12

In: -52.840+/-30.643 χ^2/NDF : 1.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.273+/-20.230 χ^2/NDF : 16.6/12

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: 47.691 $\pm$ 0.019 χ^2 /NDF: 99087.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

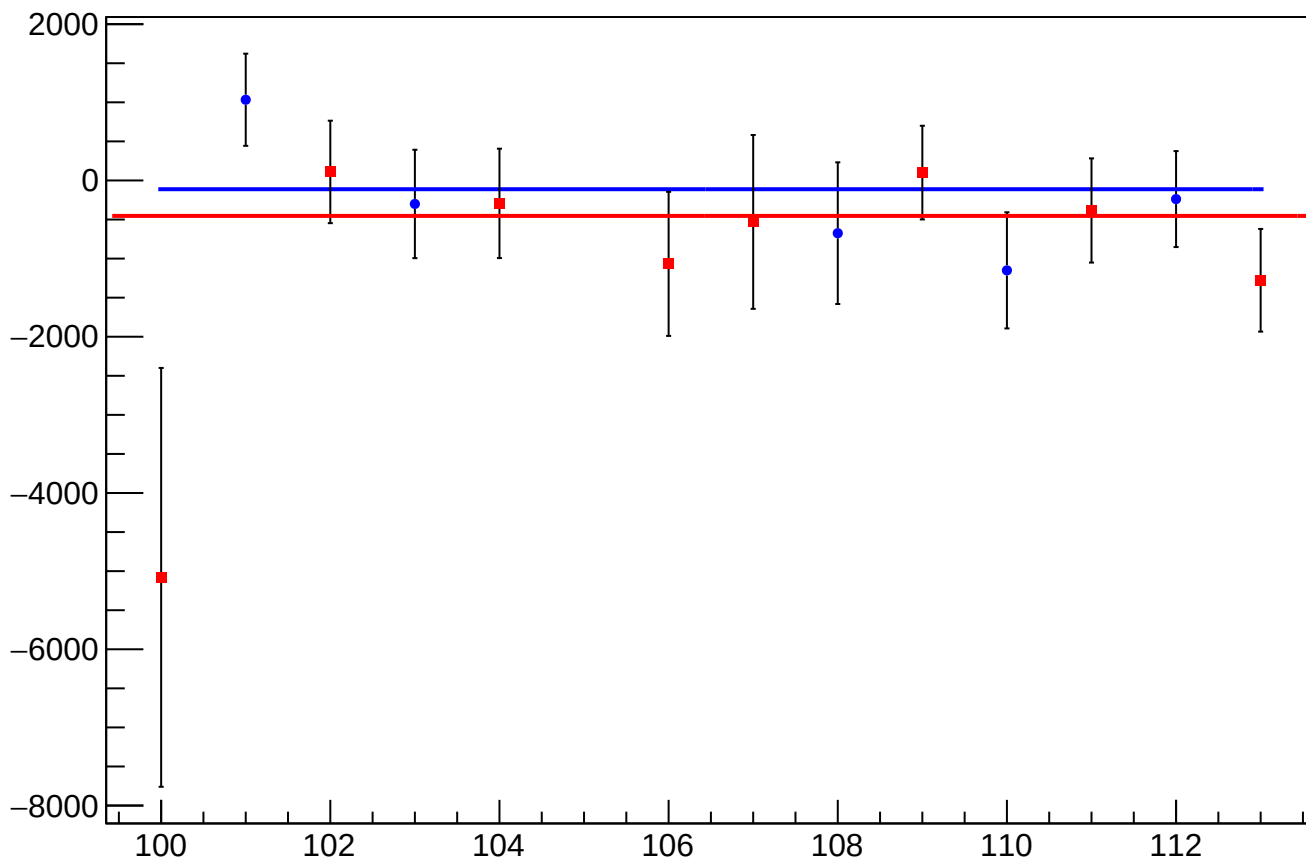
Right: 47.911 $\pm$ 0.014 χ^2 /NDF: 125747.2/12

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: 47.911 $\pm$ 0.014 χ^2 /NDF: 125747.2/12

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: -453.728+/-268.817 χ^2 /NDF: 6.7/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

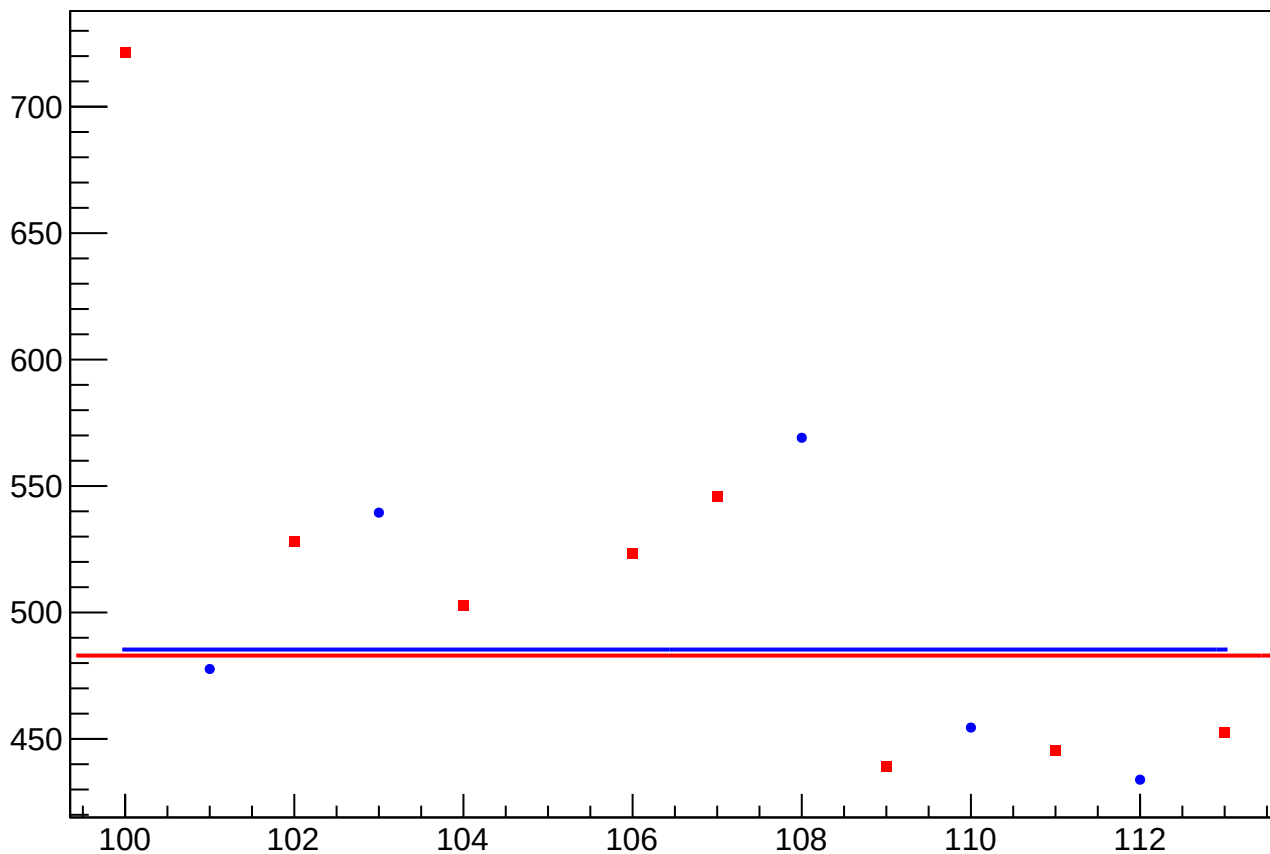
Right: -305.310+/-202.151 χ^2 /NDF: 13.6/12

In: -112.138+/-306.679 χ^2 /NDF:6.2/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -305.310+/-202.151 χ^2 /NDF: 13.6/12

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: 482.965+/-0.190 χ^2/NDF : 58464.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

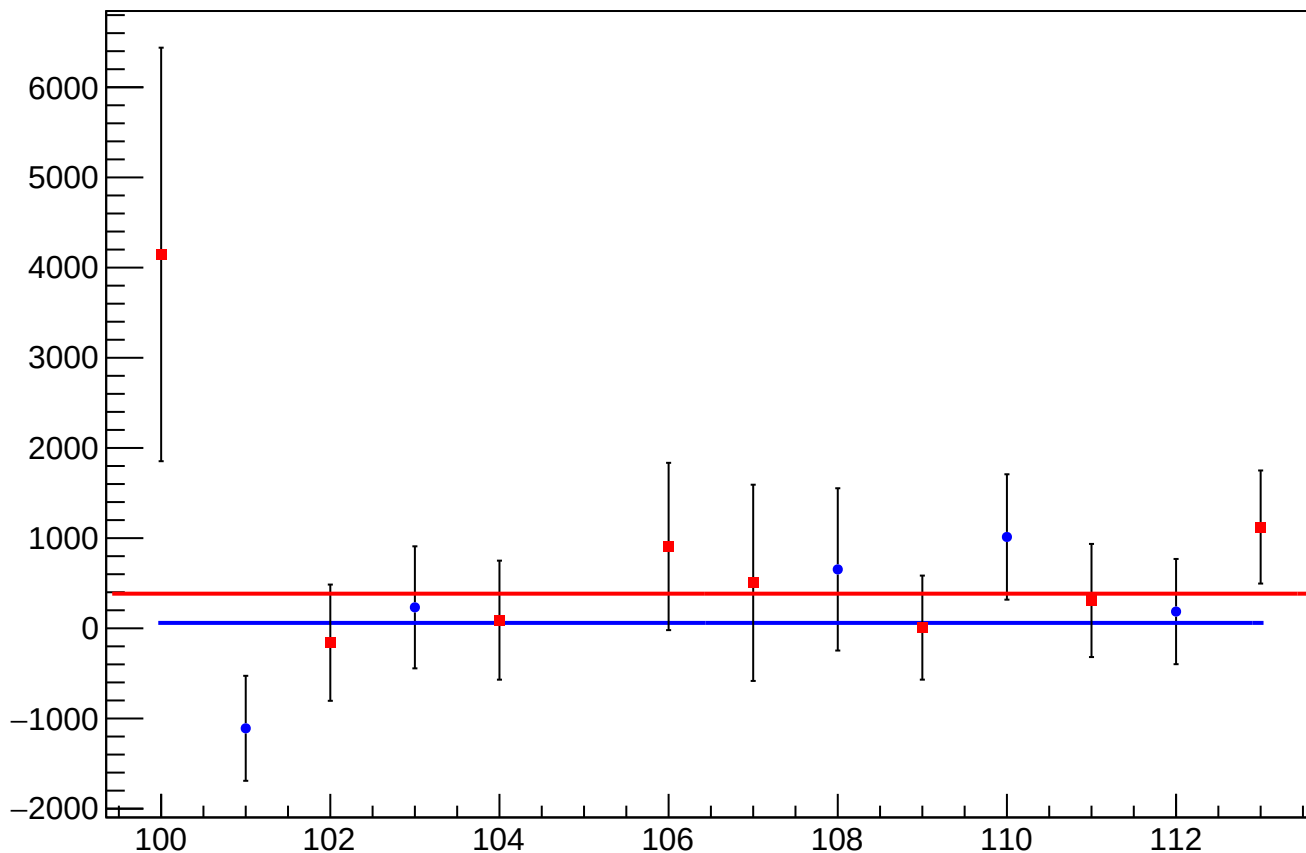
Right: 484.001+/-0.143 χ^2/NDF : 105613.7/12

In: 485.349+/-0.217 χ^2/NDF : 47081.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 484.001+/-0.143 χ^2/NDF : 105613.7/12

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: 384.201+/-258.288 χ^2/NDF : 5.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

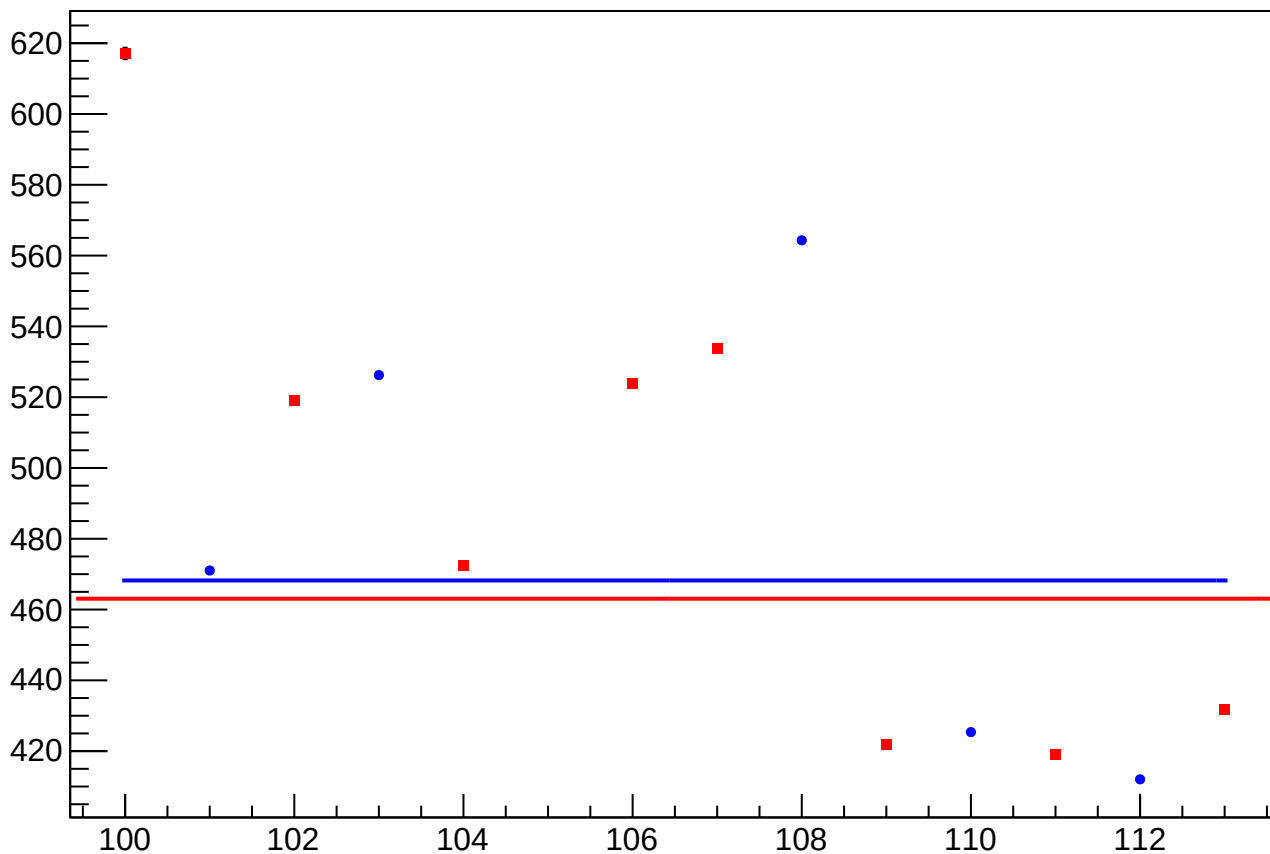
Right: 244.374+/-194.749 χ^2/NDF : 12.9/12

In: 60.144+/-296.476 χ^2/NDF : 6.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 244.374+/-194.749 χ^2/NDF : 12.9/12

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: 463.076 $\pm$ 0.183 χ^2 /NDF: 66754.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

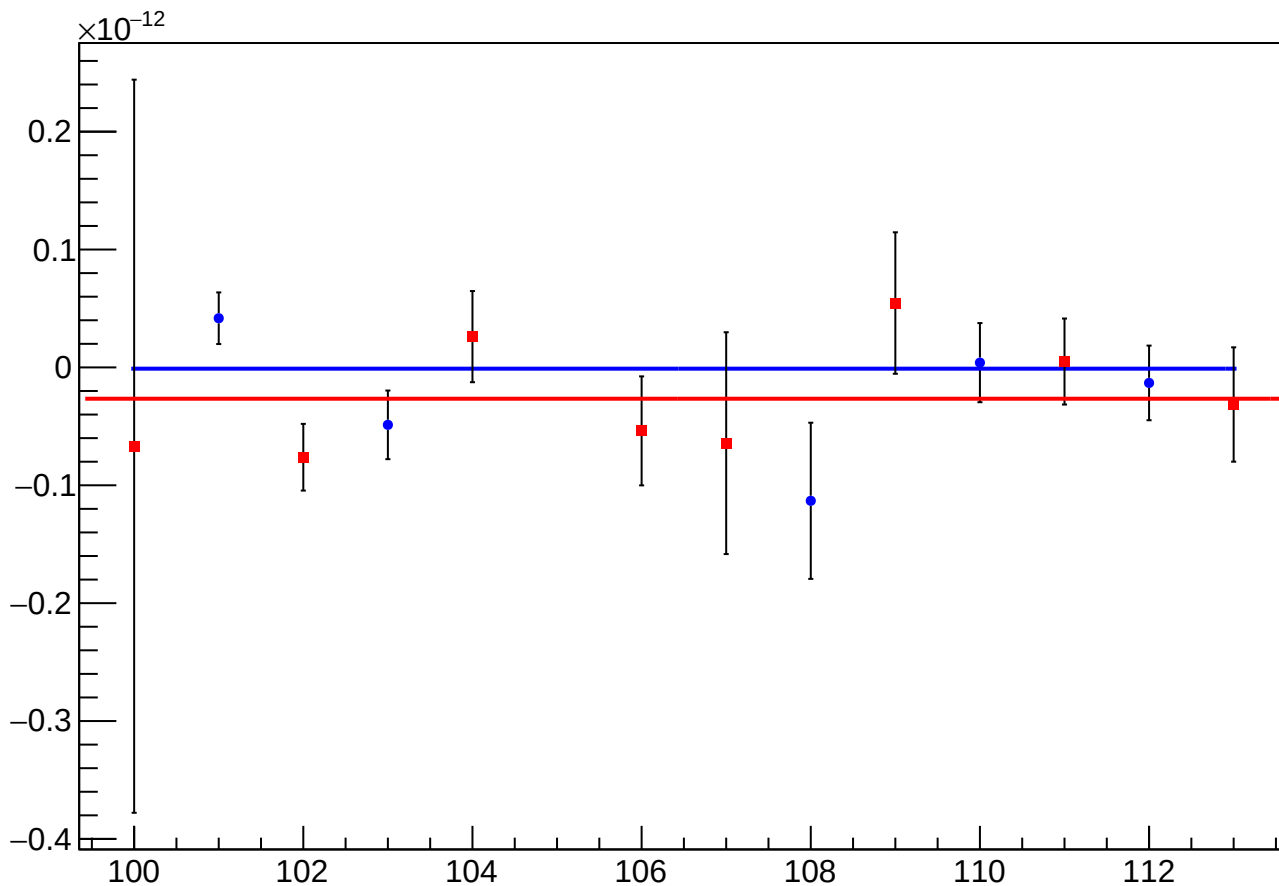
Right: 465.293 $\pm$ 0.138 χ^2 /NDF: 130798.1/12

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: 465.293 $\pm$ 0.138 χ^2 /NDF: 130798.1/12

asym_sam_1357_2468_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

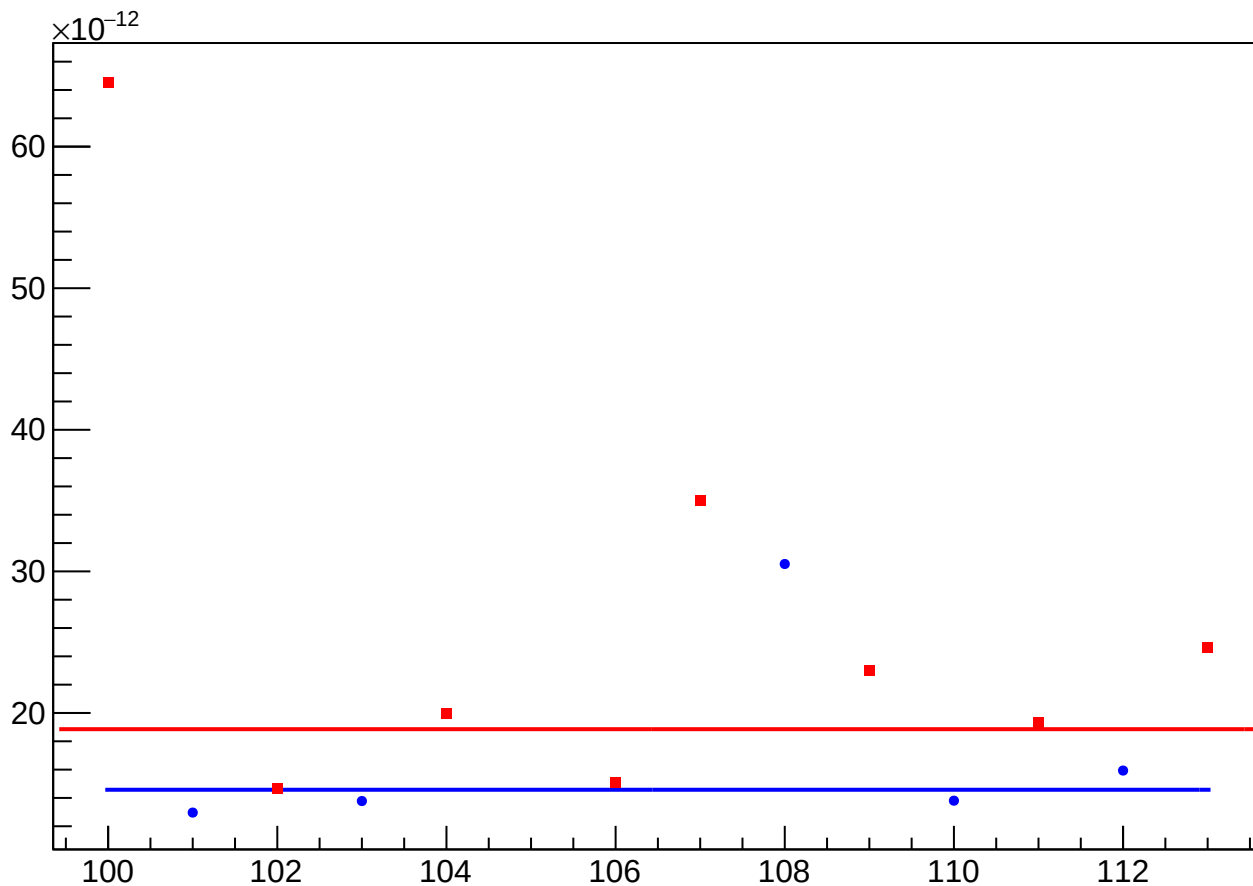
Right: -0.000+/-0.000 χ^2/NDF : 19.1/12

In: -0.000+/-0.000 χ^2/NDF : 9.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.1/12

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 : 199062.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

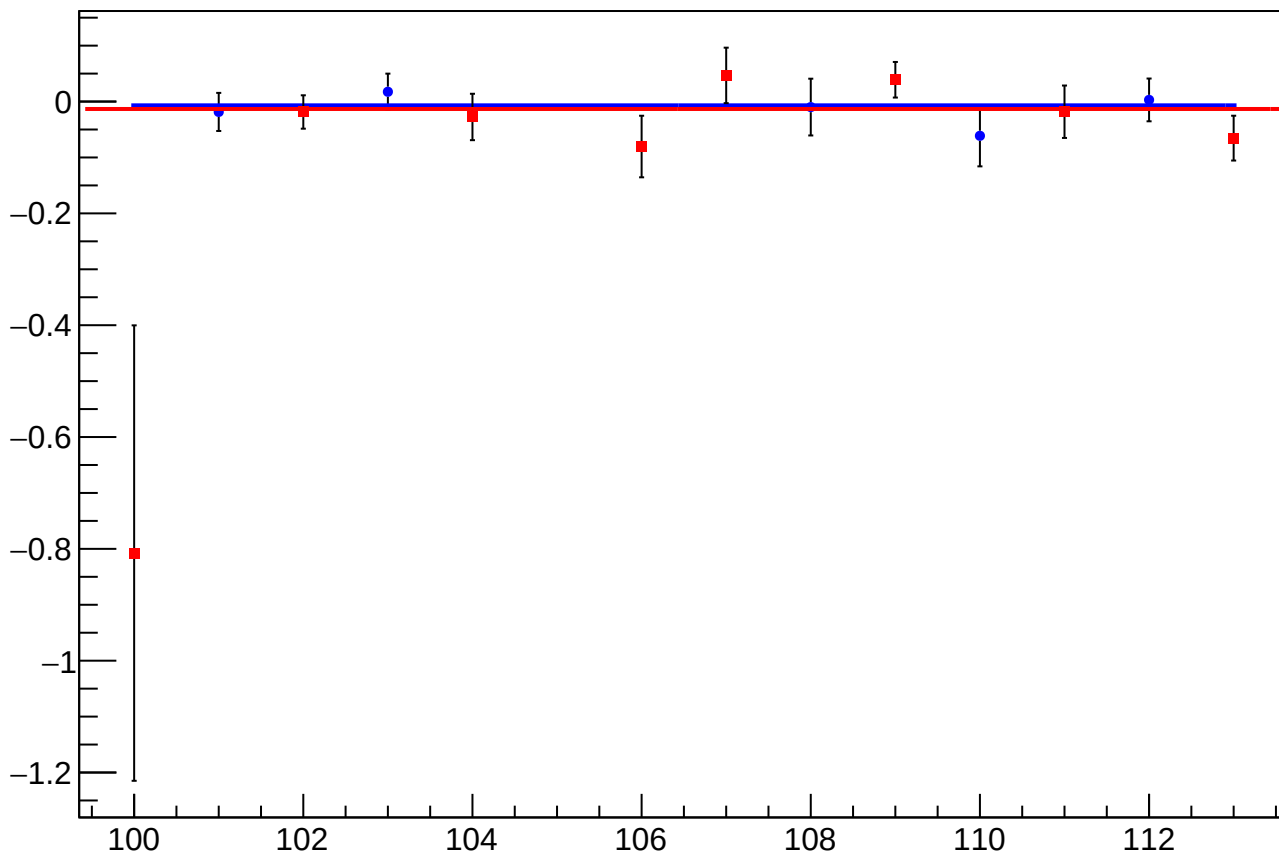
Right: 0.000+/-0.000 χ^2/NDF : 415514.4/12

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 : 415514.4/12

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: -0.013 $\pm$ 0.015 χ^2 /NDF: 11.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

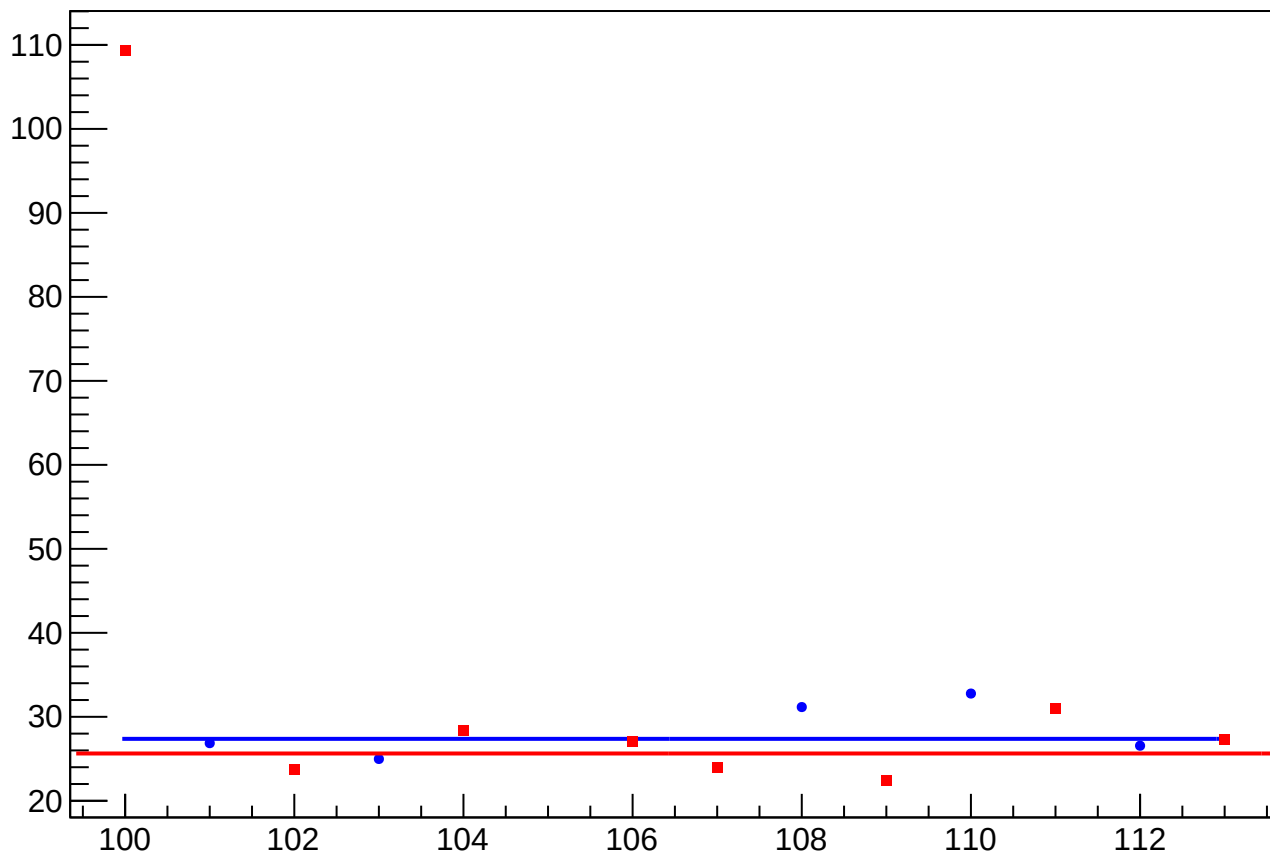
Right: -0.011 $\pm$ 0.011 χ^2 /NDF: 13.1/12

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: -0.011 $\pm$ 0.011 χ^2 /NDF: 13.1/12

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: 25.634+/-0.011 χ^2/NDF : 155420.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

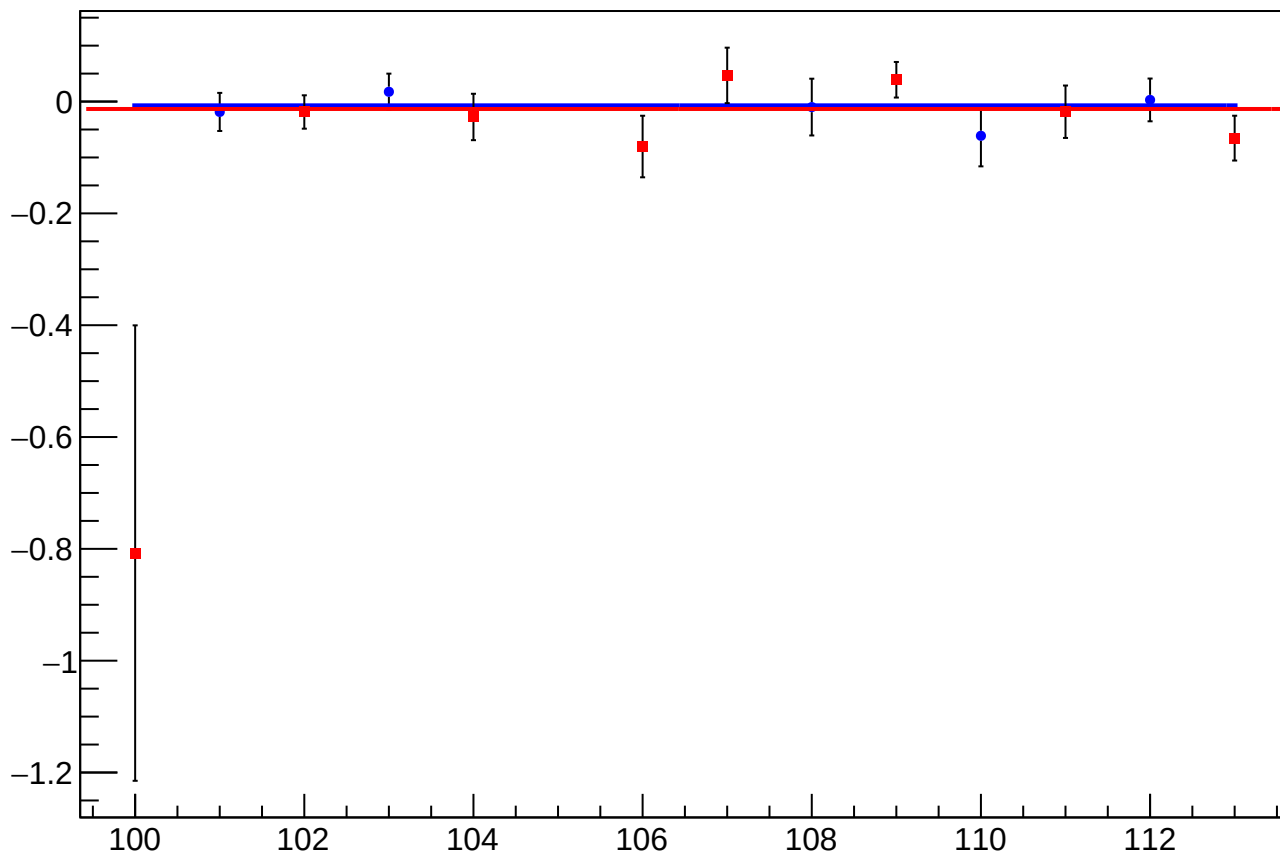
Right: 26.360+/-0.008 χ^2/NDF : 209687.7/12

In: 27.377+/-0.012 χ^2/NDF : 42862.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.360+/-0.008 χ^2/NDF : 209687.7/12

asym_sam_1357_2468_dd_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: -0.013 $\pm$ 0.015 χ^2 /NDF: 11.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

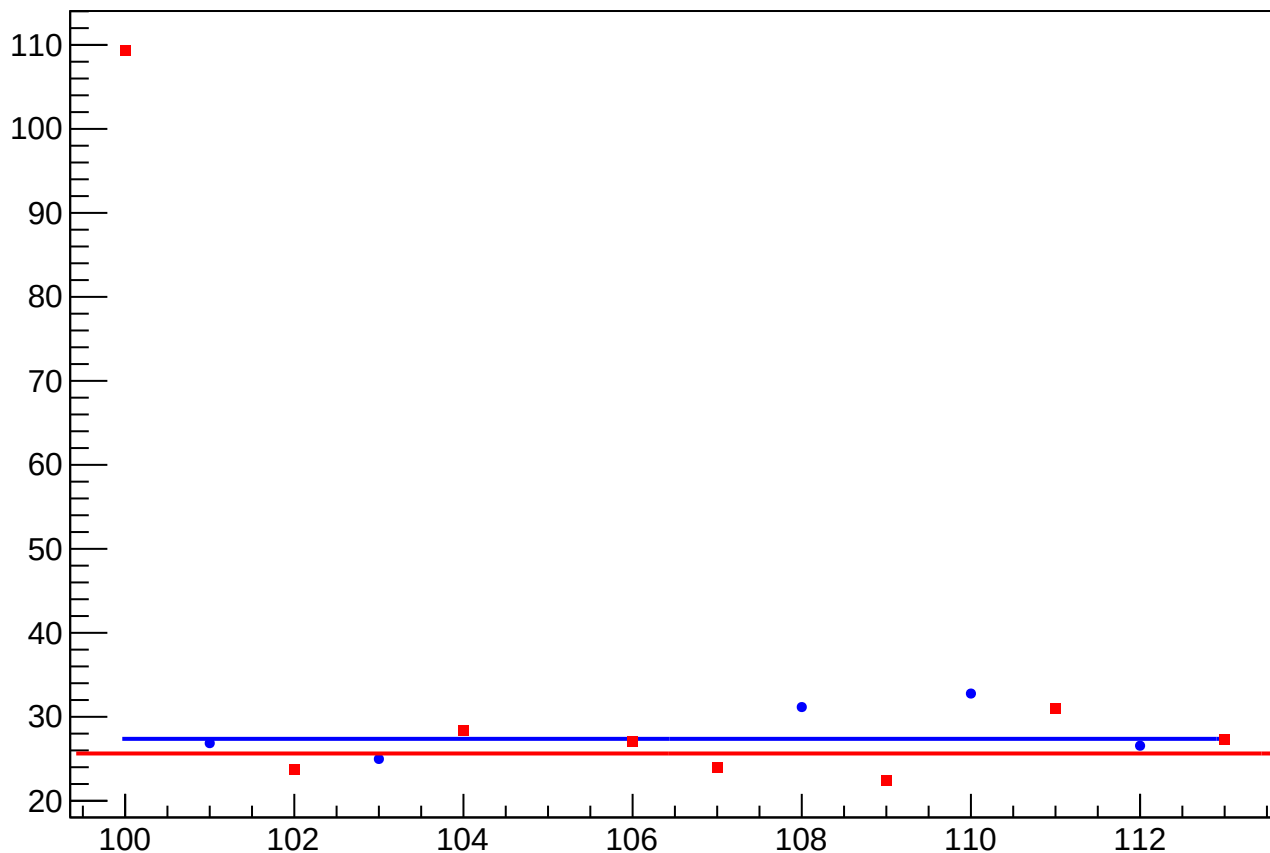
Right: -0.011 $\pm$ 0.011 χ^2 /NDF: 13.1/12

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: -0.011 $\pm$ 0.011 χ^2 /NDF: 13.1/12

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: 25.634+/-0.011 χ^2/NDF : 155420.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

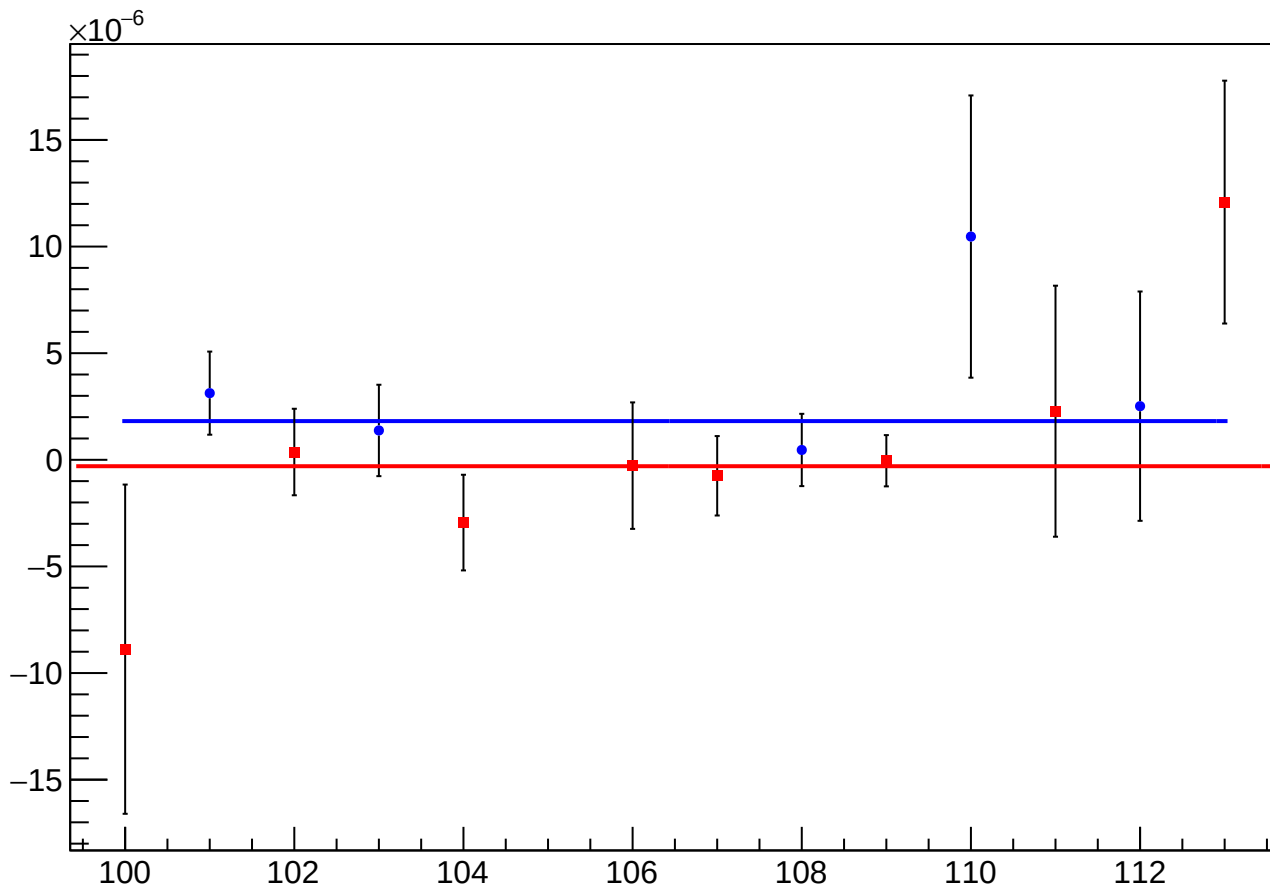
Right: 26.360+/-0.008 χ^2/NDF : 209687.7/12

In: 27.377+/-0.012 χ^2/NDF : 42862.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.360+/-0.008 χ^2/NDF : 209687.7/12

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 : 7.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

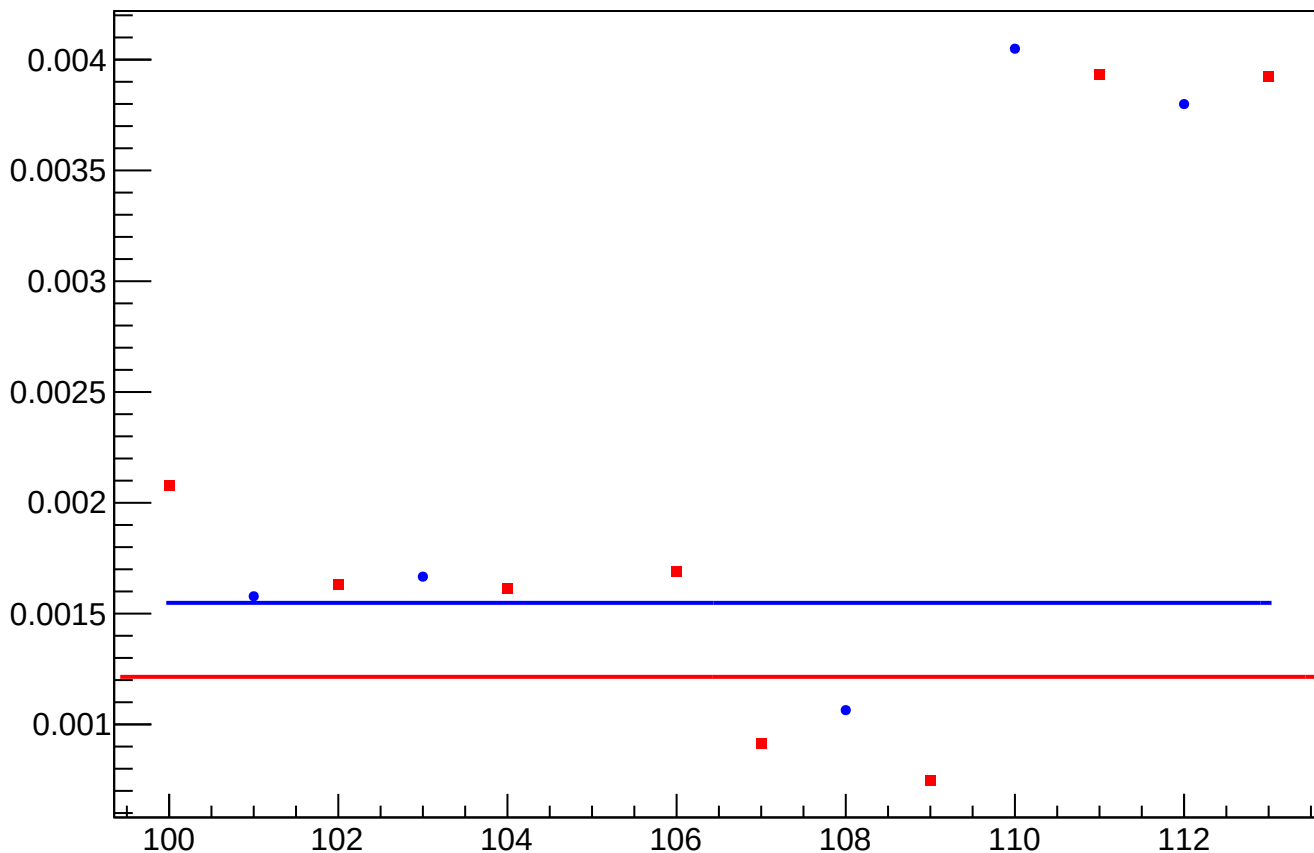
Right: 0.000+/-0.000 χ^2/NDF : 13.2/12

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 : 13.2/12

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 : 1458206.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

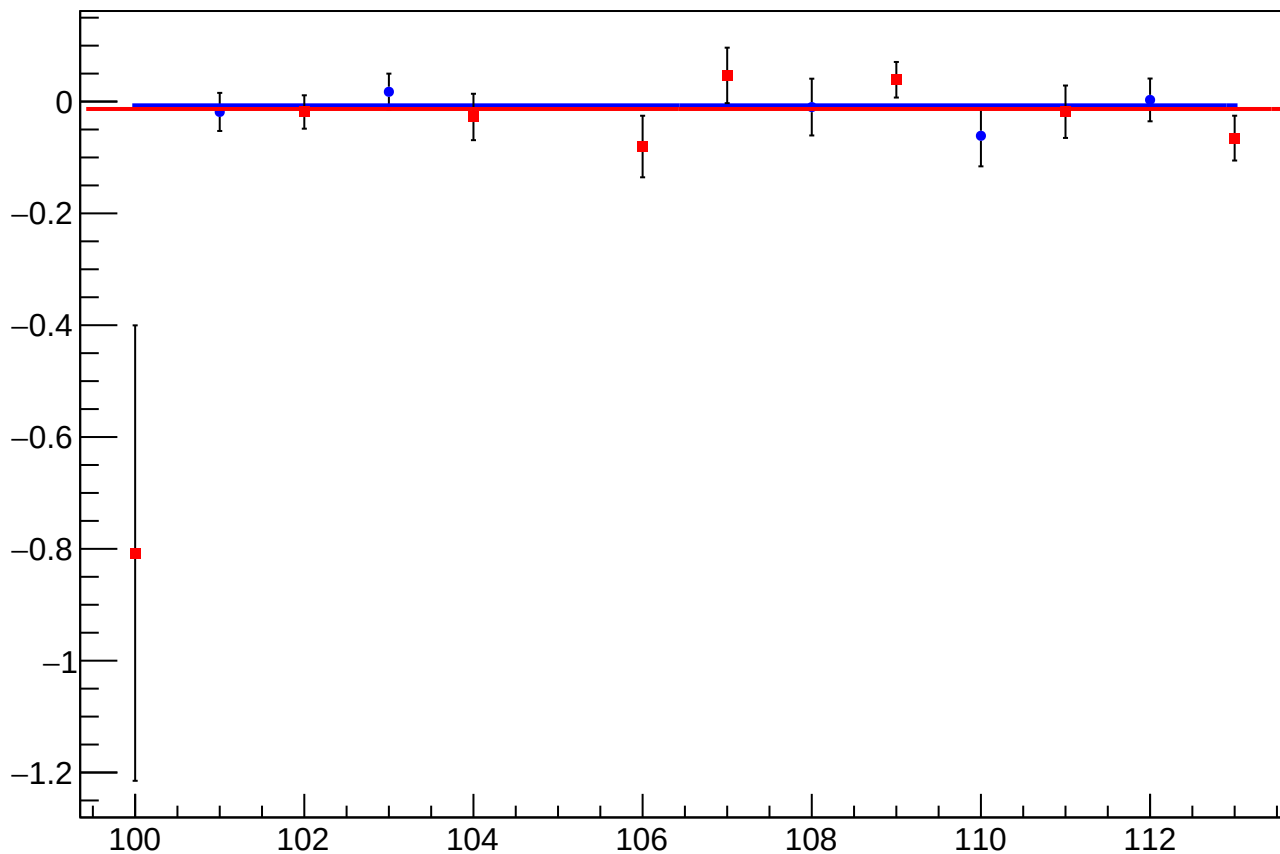
Right: 0.001+/-0.000 χ^2/NDF : 2391544.8/12

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 : 2391544.8/12

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: -0.013 $\pm$ 0.015 χ^2 /NDF: 11.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

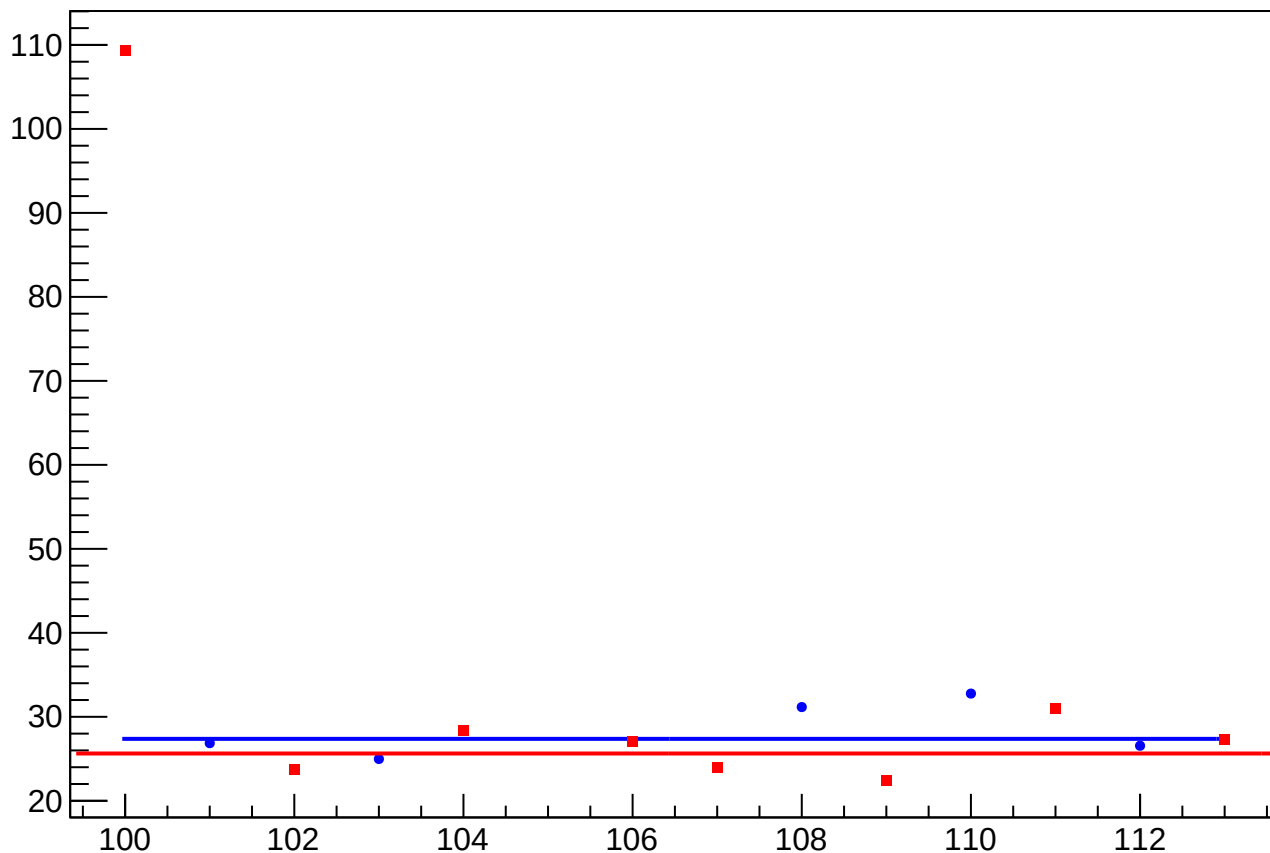
Right: -0.011 $\pm$ 0.011 χ^2 /NDF: 13.1/12

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: -0.011 $\pm$ 0.011 χ^2 /NDF: 13.1/12

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: 25.633+/-0.011 χ^2/NDF : 155388.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

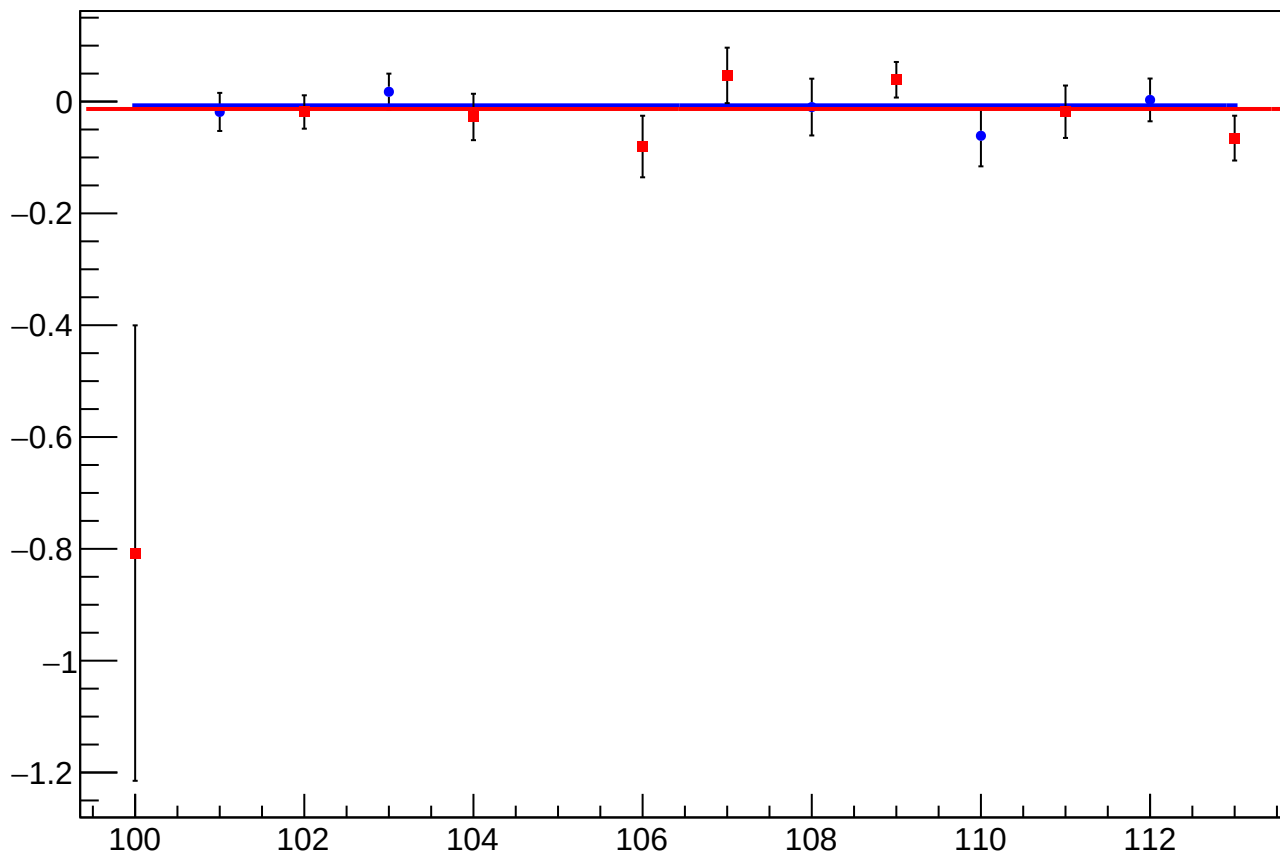
Right: 26.359+/-0.008 χ^2/NDF : 209649.8/12

In: 27.376+/-0.012 χ^2/NDF : 42855.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.359+/-0.008 χ^2/NDF : 209649.8/12

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: -0.013 $\pm$ 0.015 χ^2 /NDF: 11.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

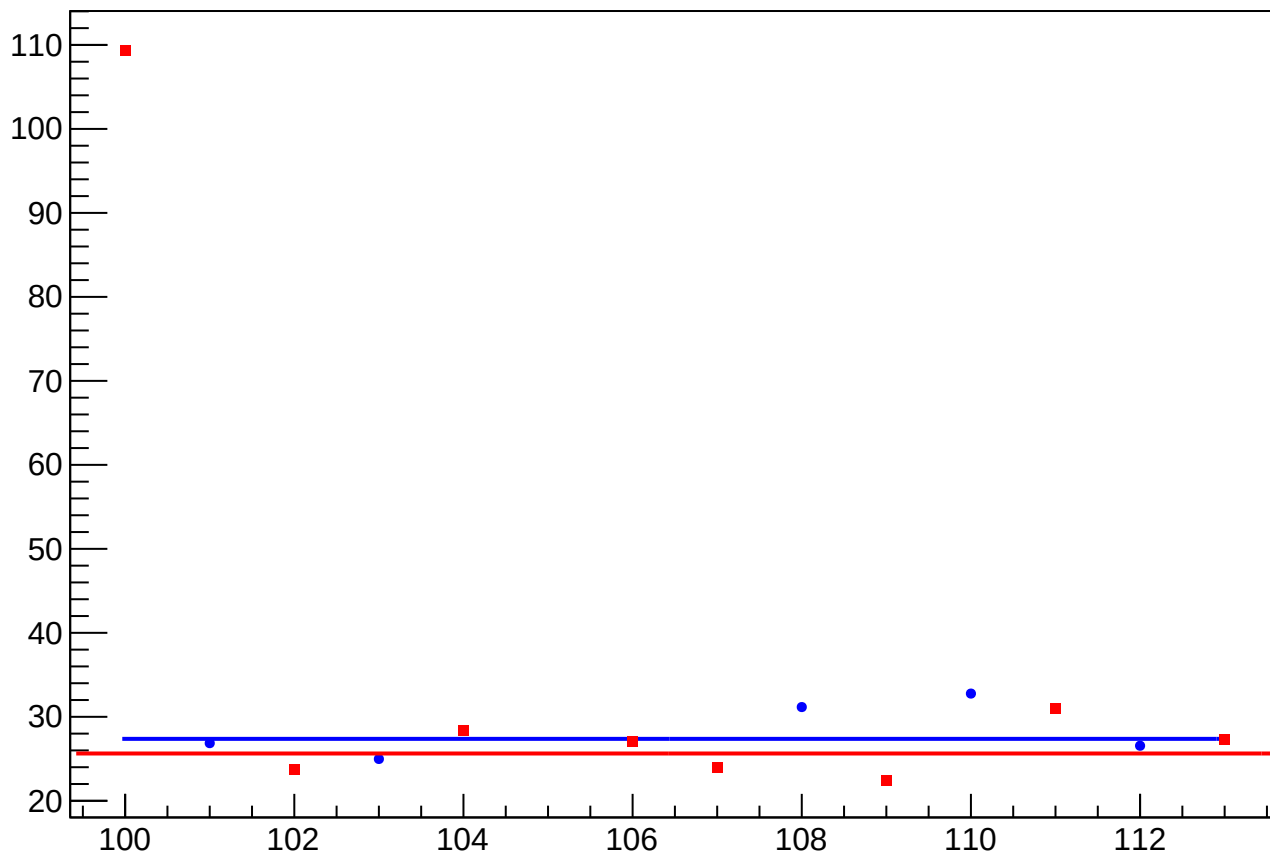
Right: -0.011 $\pm$ 0.011 χ^2 /NDF: 13.1/12

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: -0.011 $\pm$ 0.011 χ^2 /NDF: 13.1/12

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: 25.633+/-0.011 χ^2/NDF : 155388.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

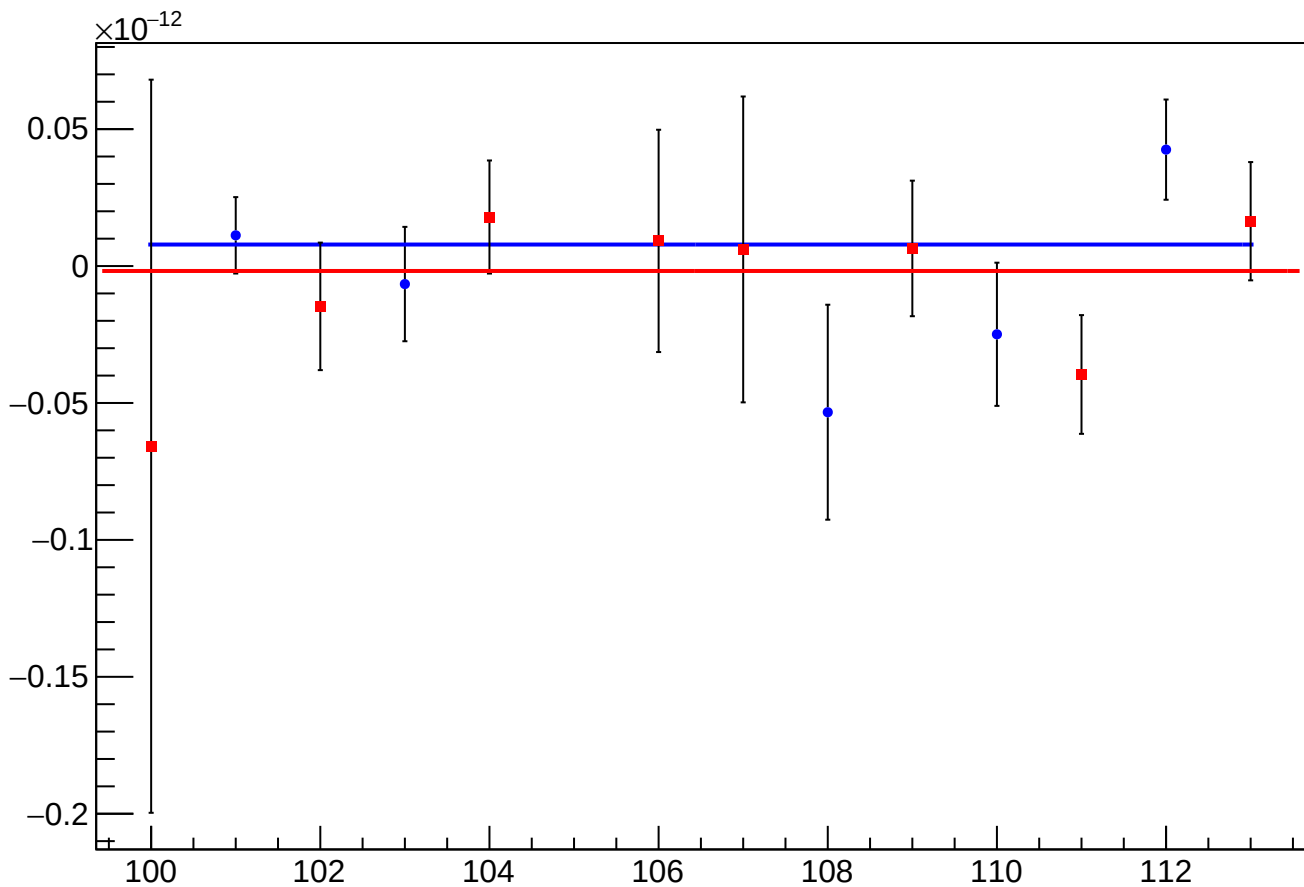
Right: 26.359+/-0.008 χ^2/NDF : 209649.8/12

In: 27.376+/-0.012 χ^2/NDF : 42855.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.359+/-0.008 χ^2/NDF : 209649.8/12

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 : 5.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

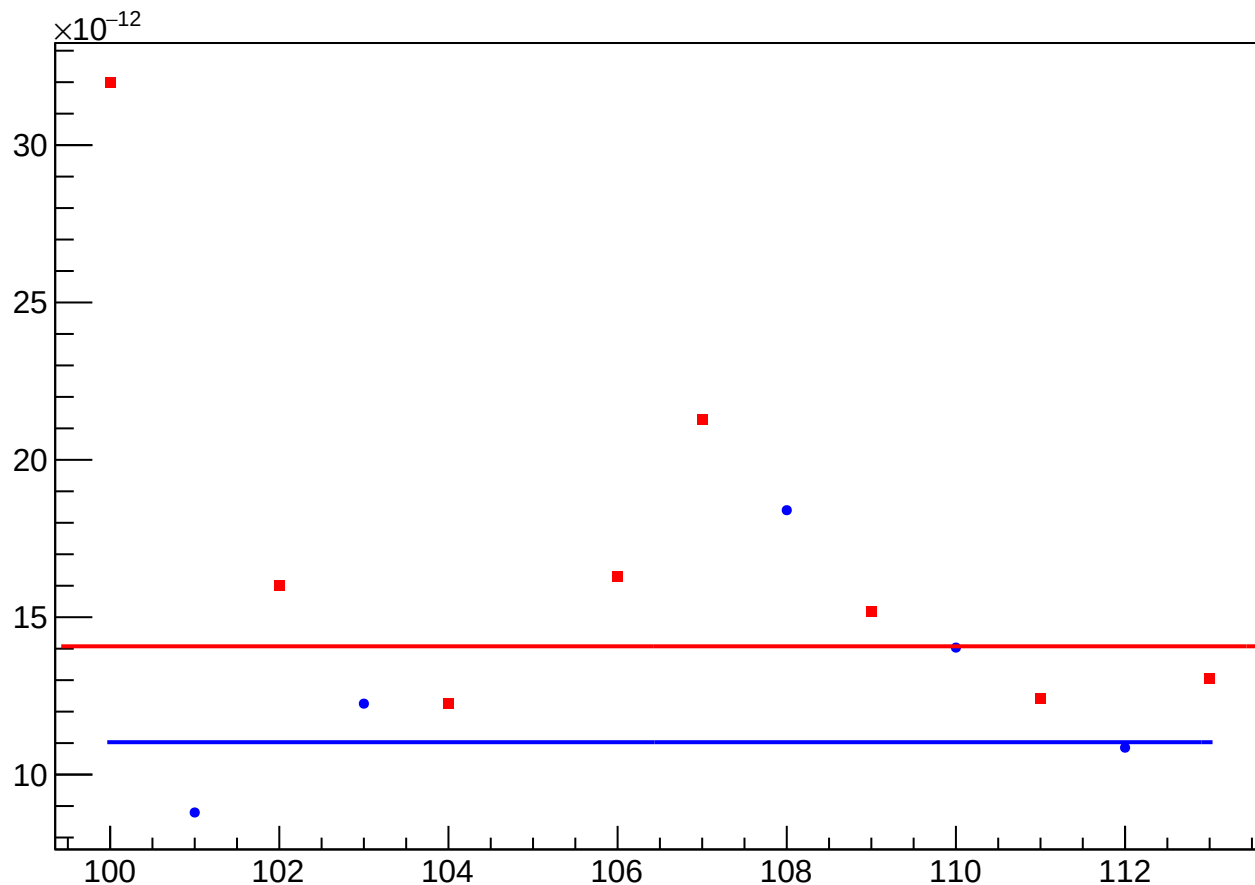
Right: 0.000+/-0.000 χ^2/NDF : 14.1/12

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 : 14.1/12

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 : 124721.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

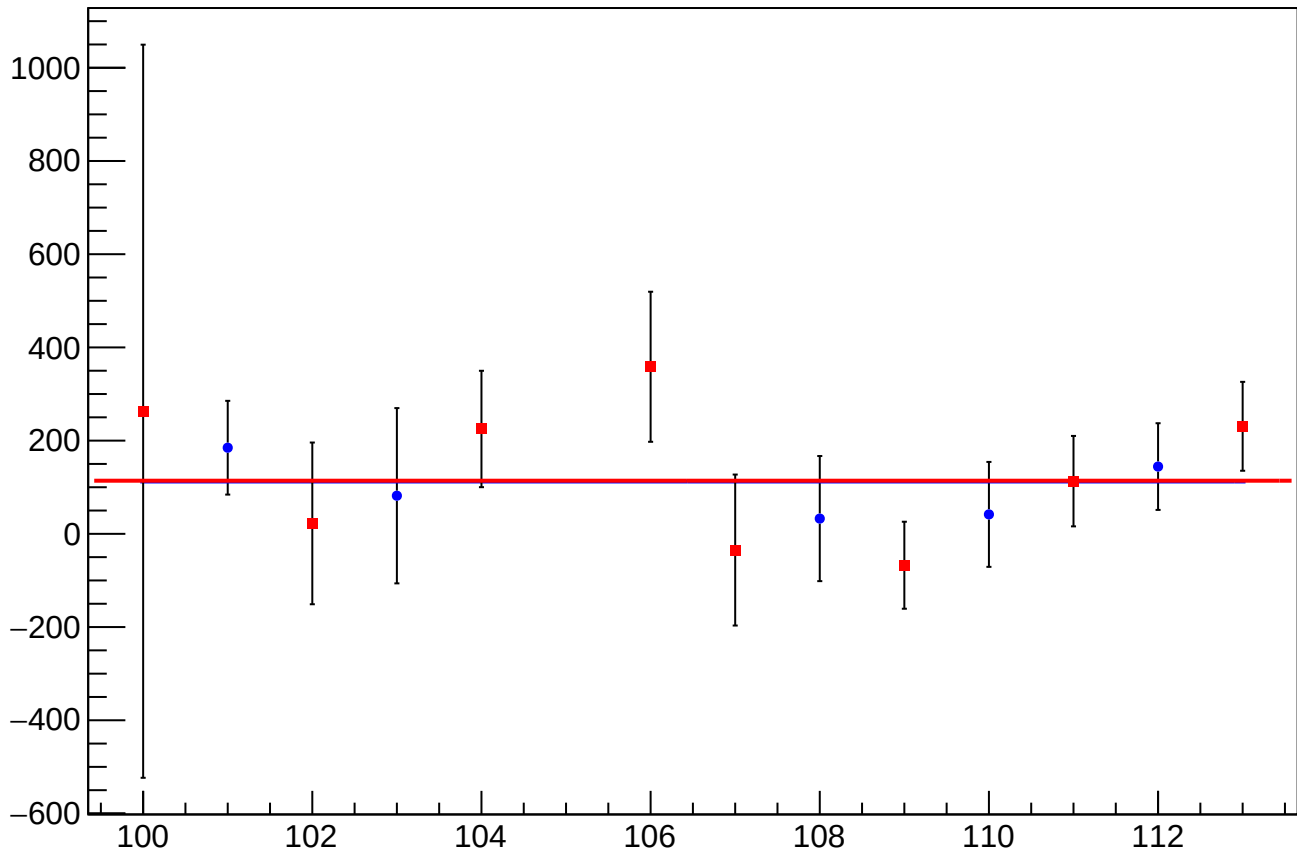
Right: 0.000+/-0.000 χ^2/NDF : 389223.1/12

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 : 389223.1/12

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 112.367+/-51.490 χ^2/NDF : 1.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.002+/-44.429 χ^2/NDF : 9.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

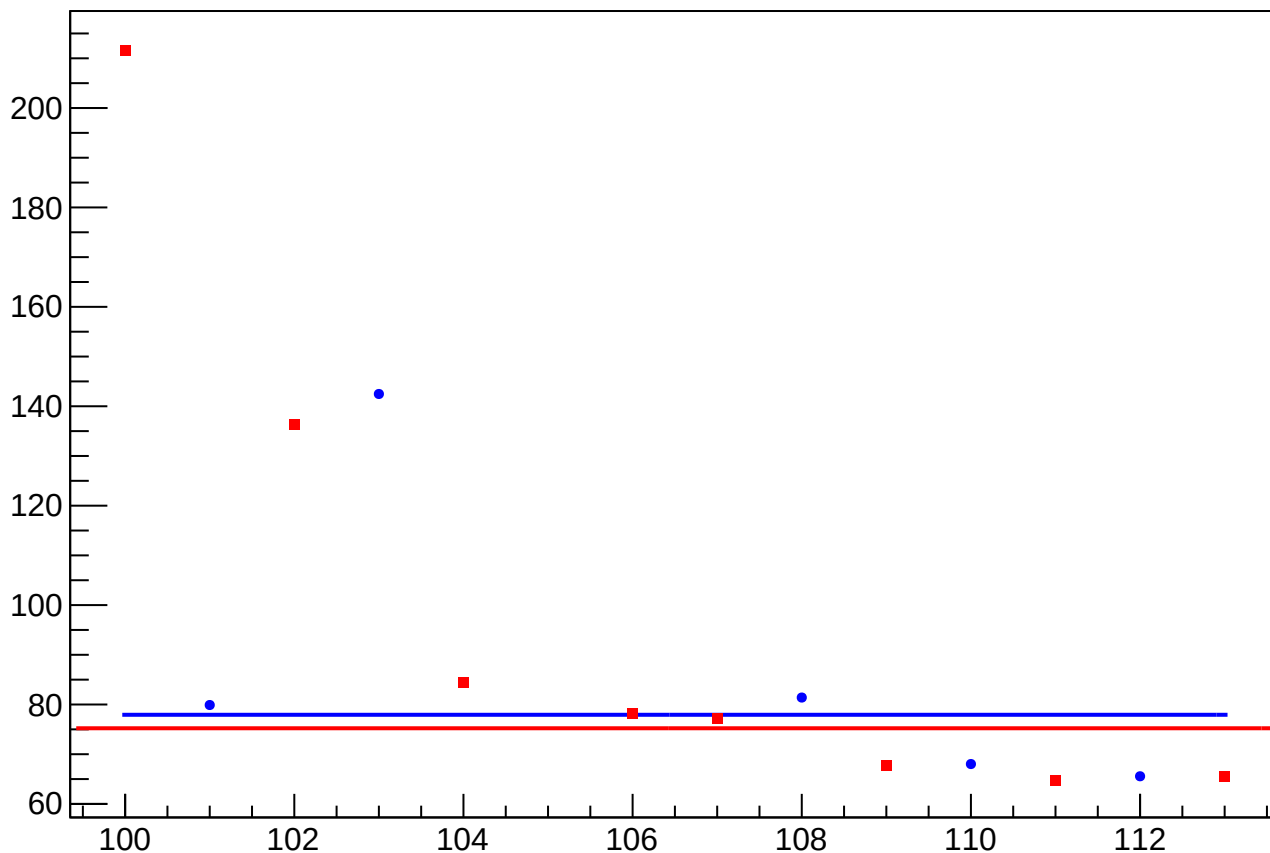
Right: 113.304+/-33.638 χ^2/NDF : 10.9/12

In: 112.367+/-51.490 χ^2/NDF : 1.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.304+/-33.638 χ^2/NDF : 10.9/12

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: 75.220+/-0.031 χ^2/NDF : 377351.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

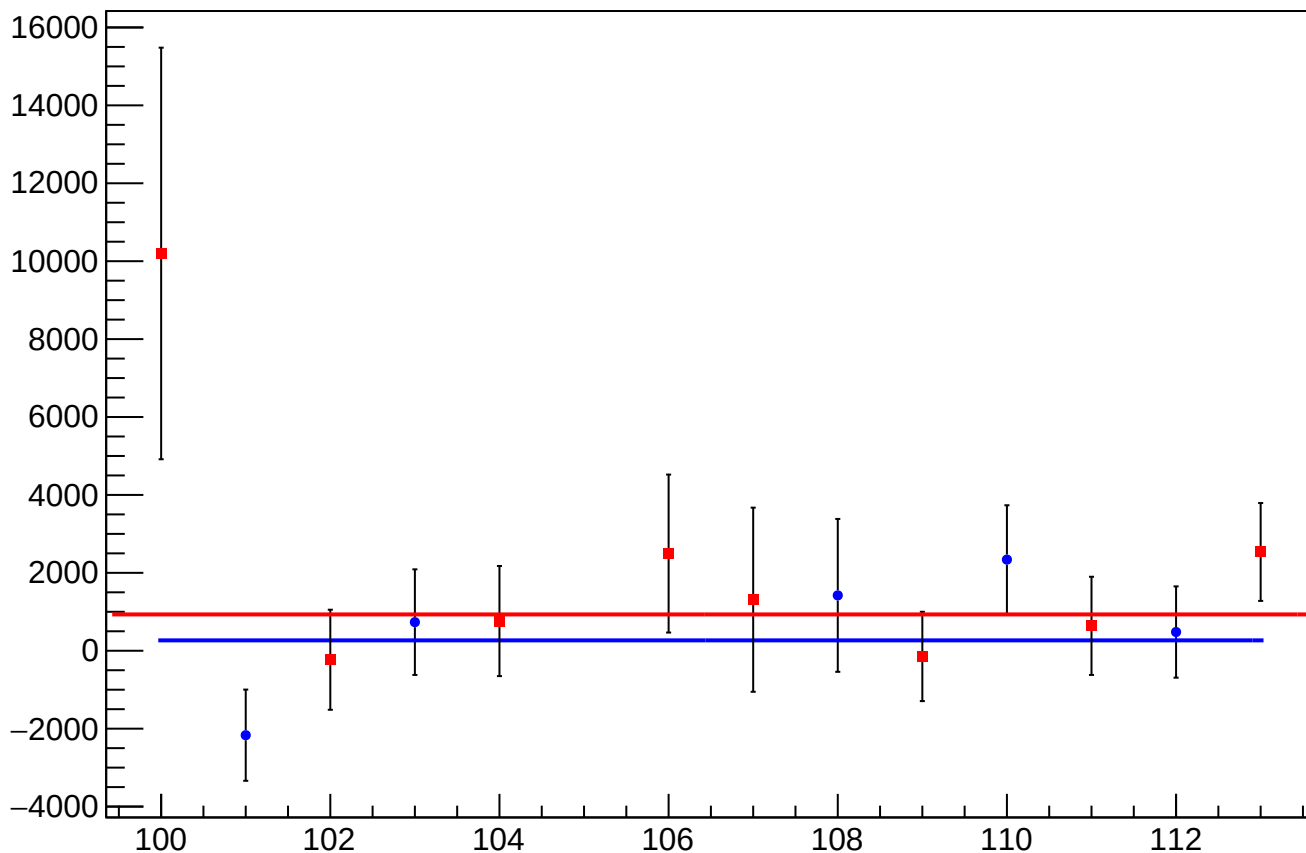
Right: 76.377+/-0.024 χ^2/NDF : 669108.1/12

In: 77.932+/-0.036 χ^2/NDF : 288576.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.377+/-0.024 χ^2/NDF : 669108.1/12

asym_sam_12345678_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 266.560+/-600.196 χ^2/NDF : 7.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 932.582+/-527.871 χ^2/NDF : 7.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

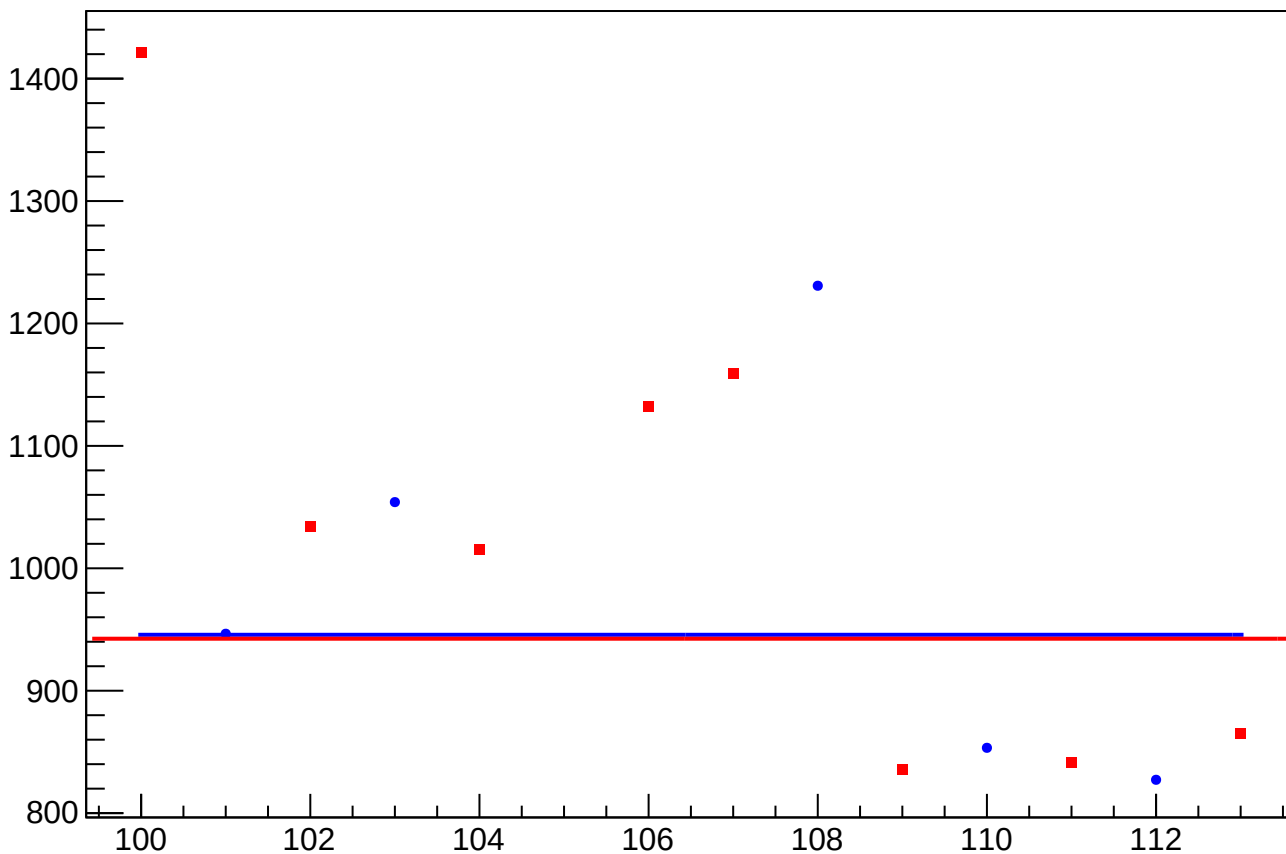
Right: 642.098+/-396.379 χ^2/NDF : 14.8/12

In: 266.560+/-600.196 χ^2/NDF : 7.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 642.098+/-396.379 χ^2/NDF : 14.8/12

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: 942.486+/-0.373 χ^2/NDF : 104130.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

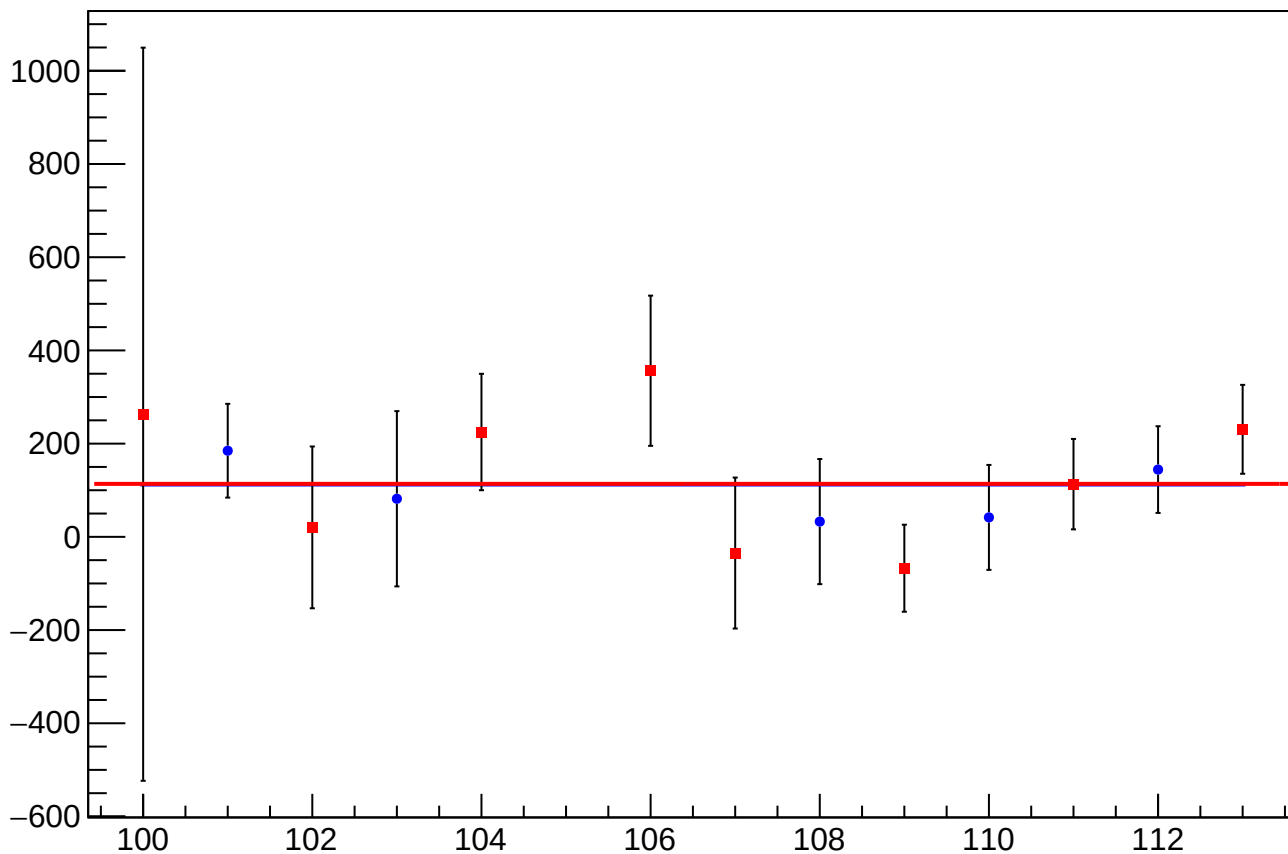
Right: 943.884+/-0.280 χ^2/NDF : 188385.1/12

In: 945.691+/-0.424 χ^2/NDF : 84222.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 943.884+/-0.280 χ^2/NDF : 188385.1/12

cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 112.357+/-51.490 χ^2 /NDF: 1.4/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 113.668+/-44.434 χ^2 /NDF: 9.5/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

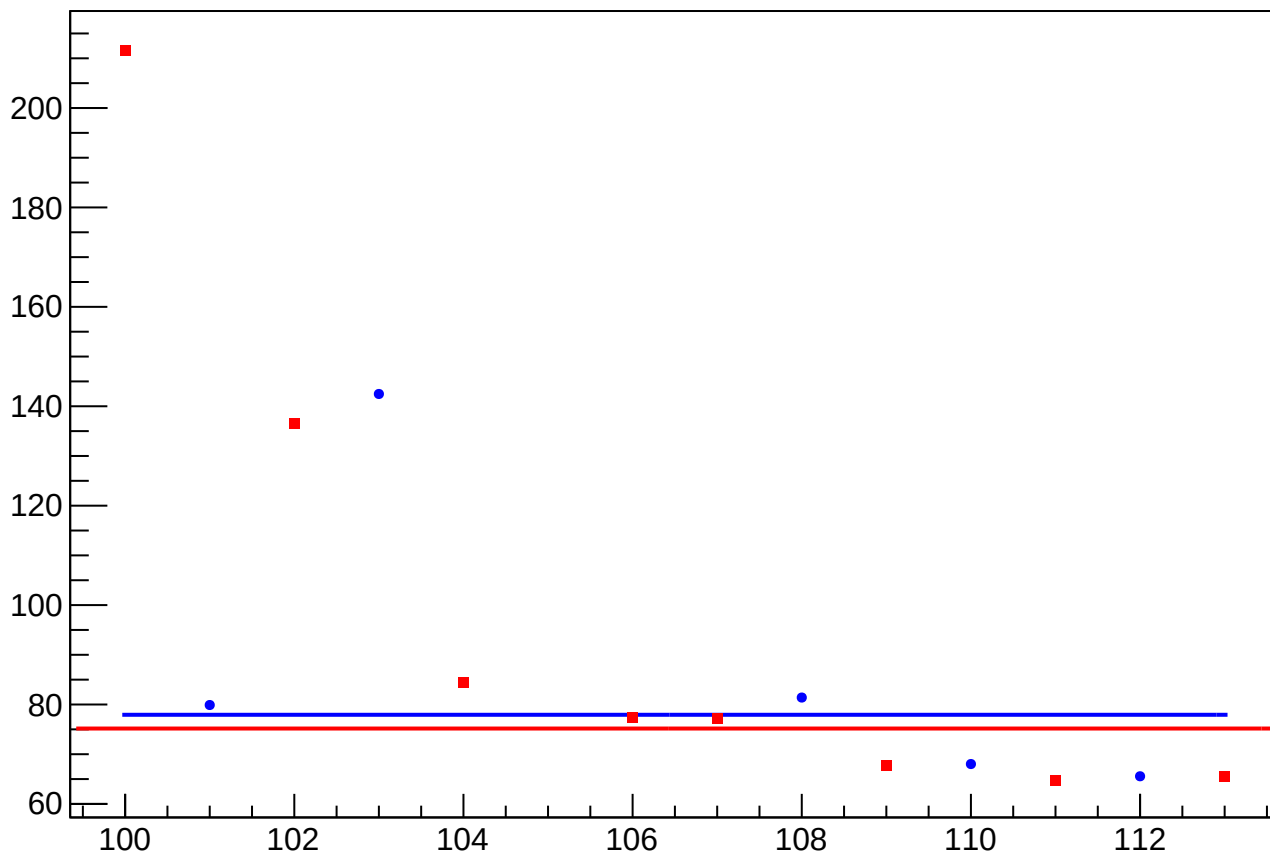
Right: 113.109+/-33.640 χ^2 /NDF: 10.9/12

In: 112.357+/-51.490 χ^2 /NDF:1.4/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 113.109+/-33.640 χ^2 /NDF: 10.9/12

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: 75.167+/-0.031 χ^2/NDF : 377346.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

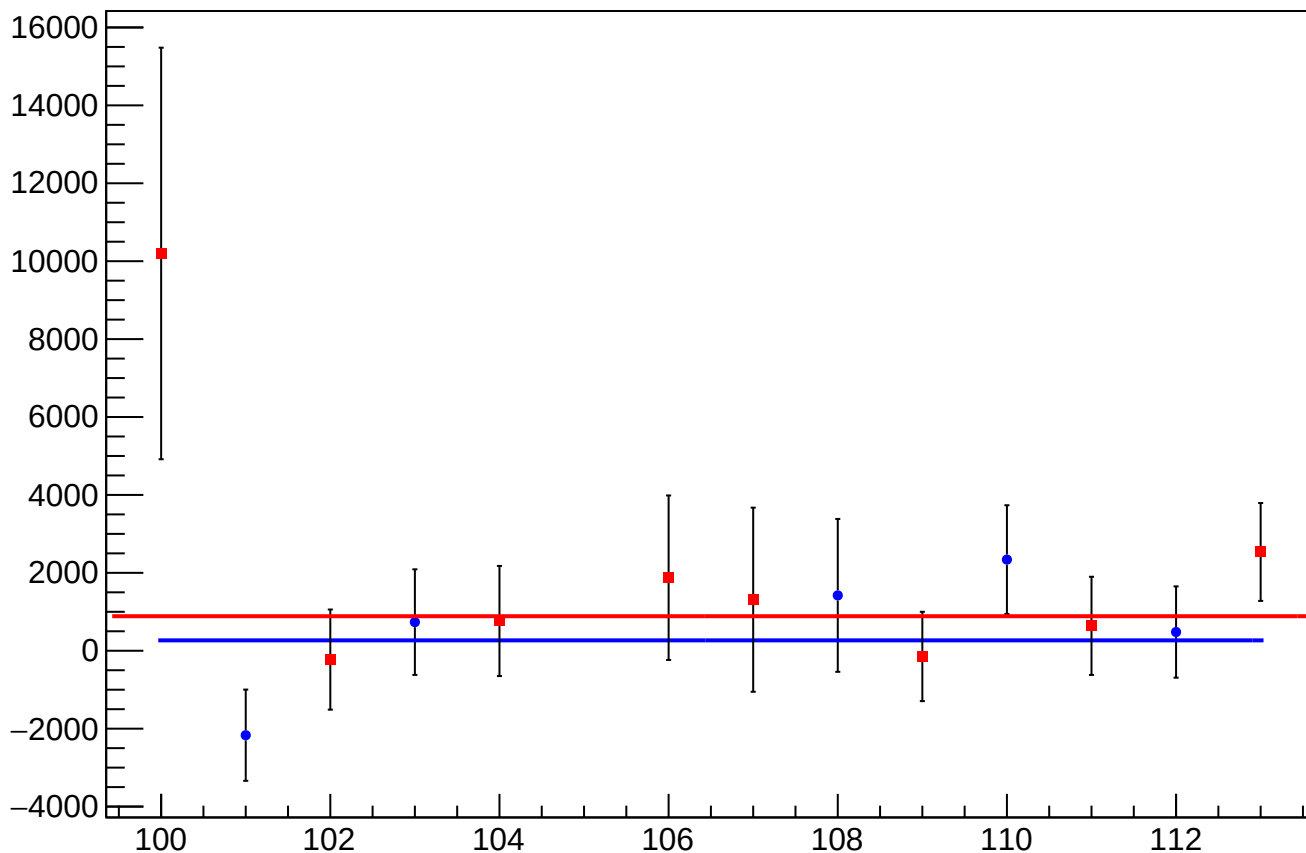
Right: 76.347+/-0.024 χ^2/NDF : 669232.9/12

In: 77.932+/-0.036 χ^2/NDF : 288579.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.347+/-0.024 χ^2/NDF : 669232.9/12

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: 886.532+/-529.331 χ^2/NDF : 6.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

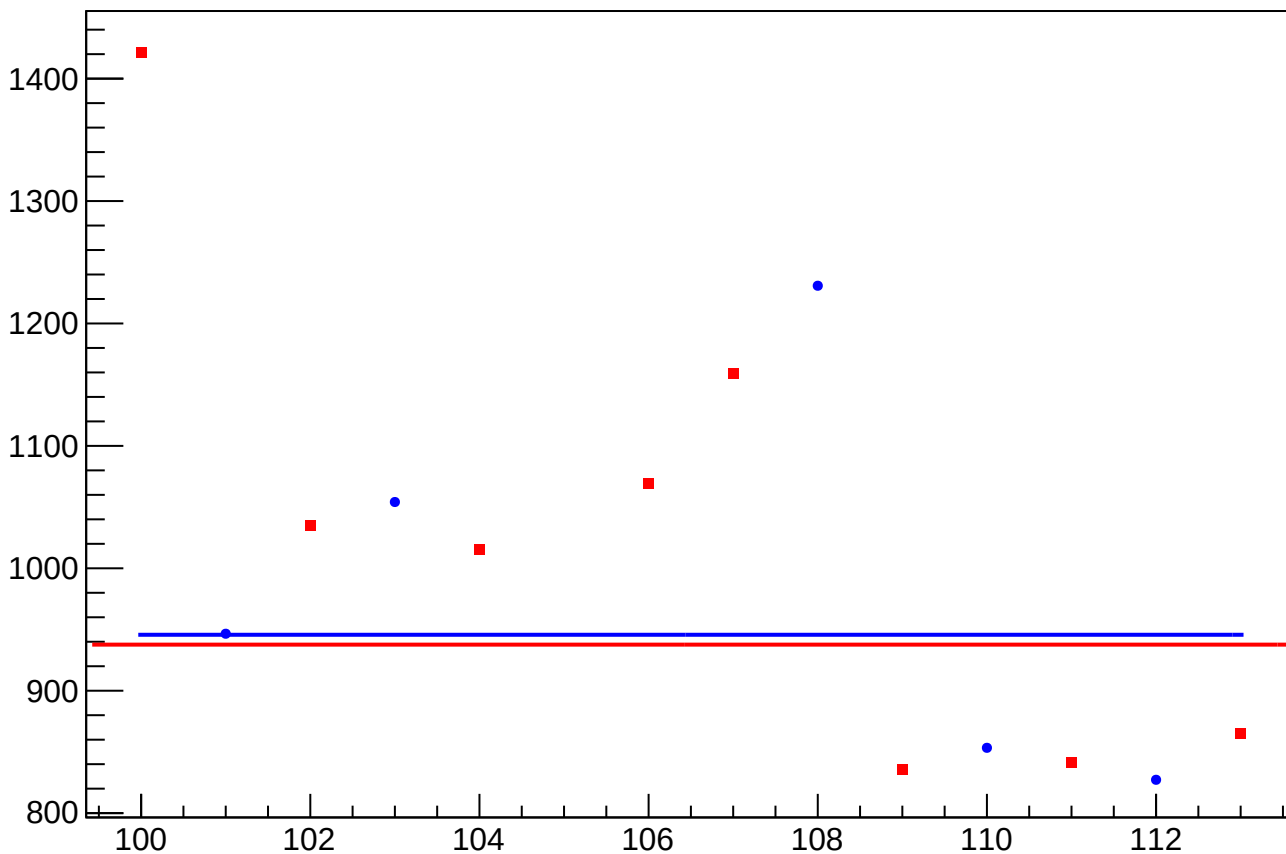
Right: 615.336+/-396.998 χ^2/NDF : 14.3/12

In: 266.655+/-600.206 χ^2/NDF : 7.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 615.336+/-396.998 χ^2/NDF : 14.3/12

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: 937.649+/-0.374 χ^2/NDF : 93861.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

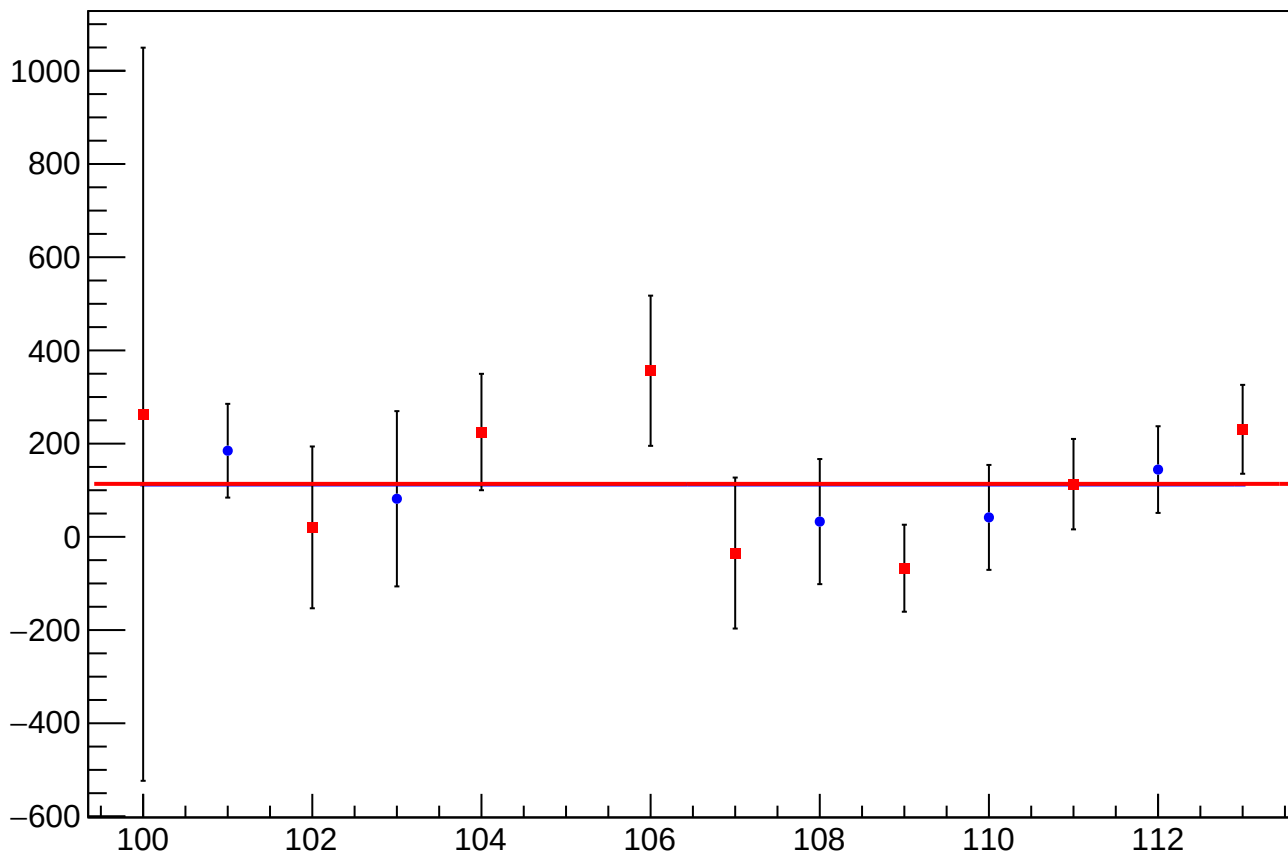
Right: 941.173+/-0.281 χ^2/NDF : 178303.7/12

In: 945.704+/-0.424 χ^2/NDF : 84239.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 941.173+/-0.281 χ^2/NDF : 178303.7/12

eigen_cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 112.357+/-51.490 χ^2/NDF : 1.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.668+/-44.434 χ^2/NDF : 9.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

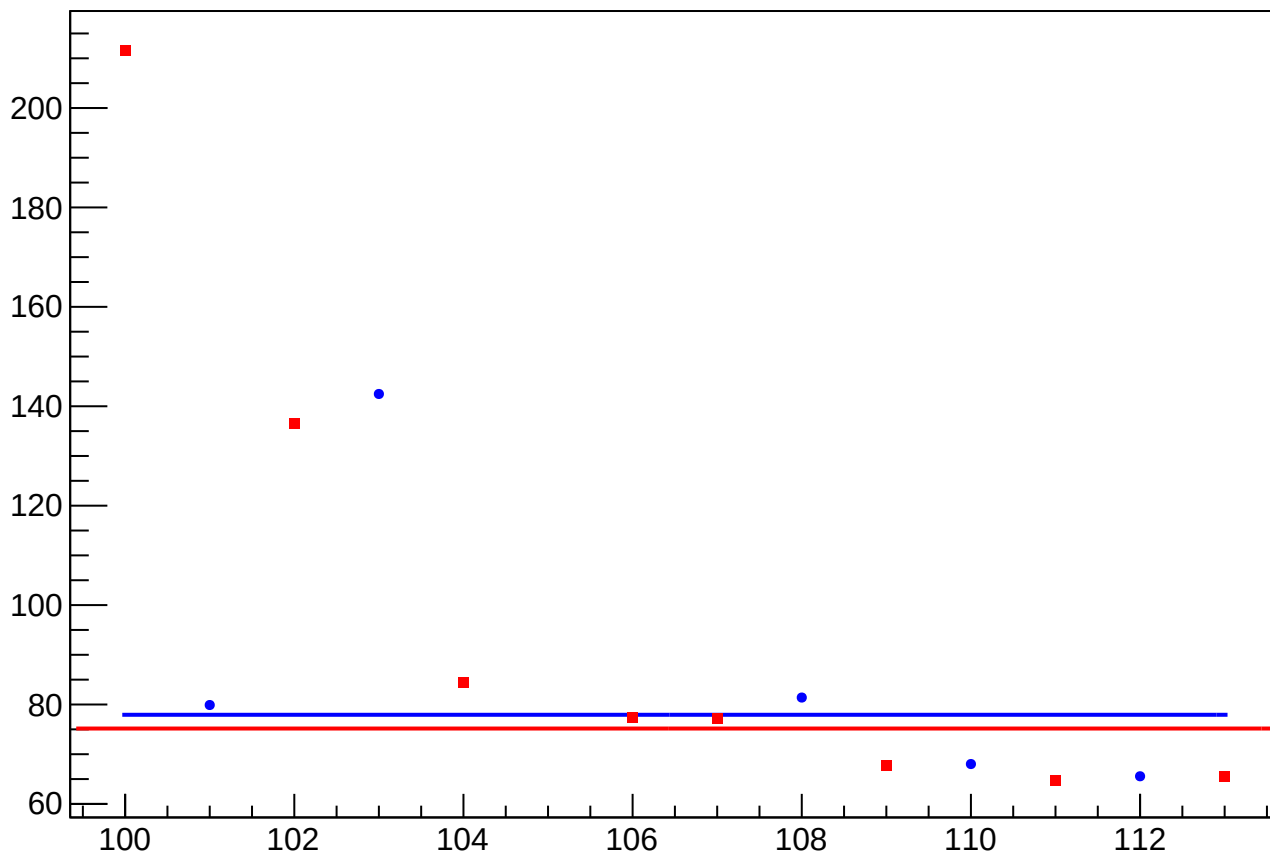
Right: 113.109+/-33.640 χ^2/NDF : 10.9/12

In: 112.357+/-51.490 χ^2/NDF : 1.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.109+/-33.640 χ^2/NDF : 10.9/12

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: 75.167+/-0.031 χ^2/NDF : 377346.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

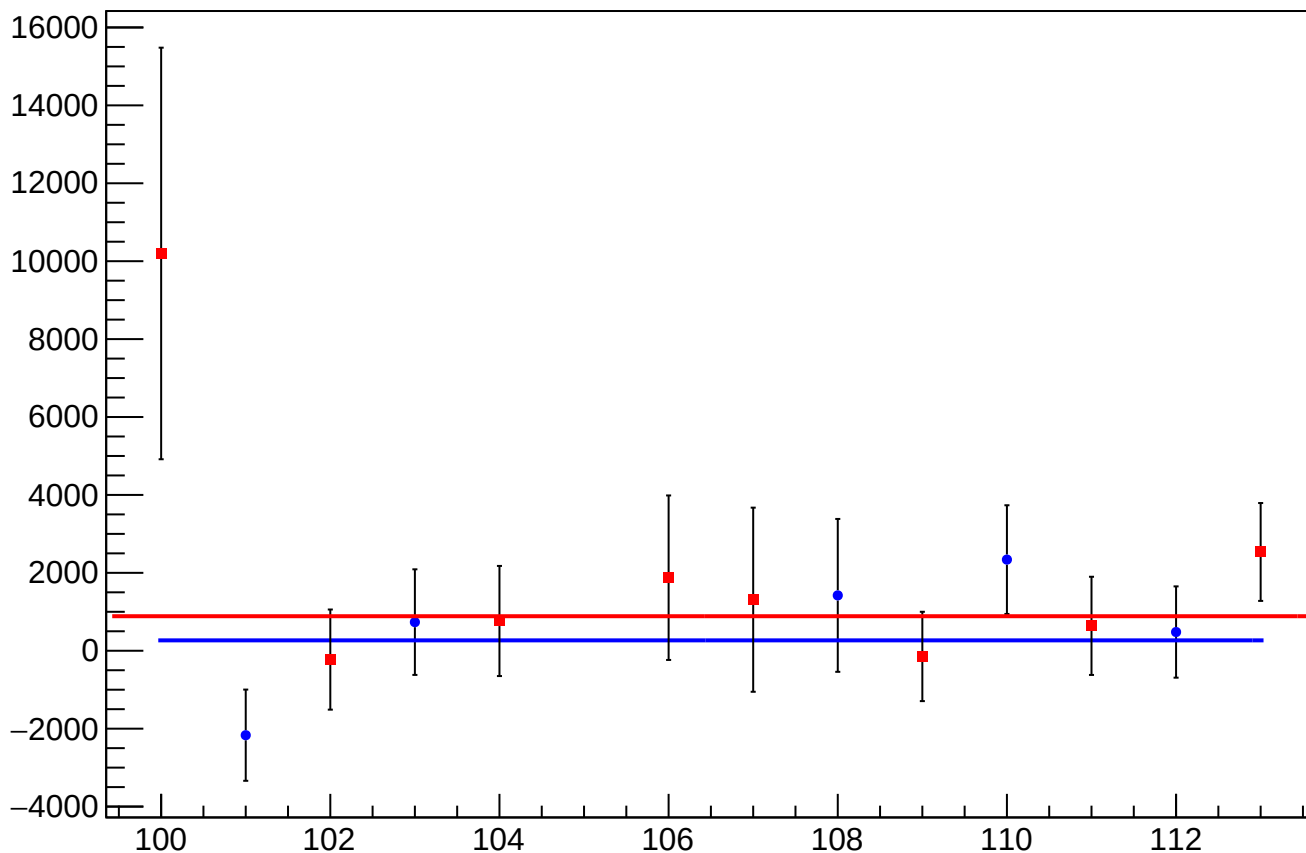
Right: 76.347+/-0.024 χ^2/NDF : 669232.9/12

In: 77.932+/-0.036 χ^2/NDF : 288579.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.347+/-0.024 χ^2/NDF : 669232.9/12

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: 886.532+/-529.331 χ^2/NDF : 6.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

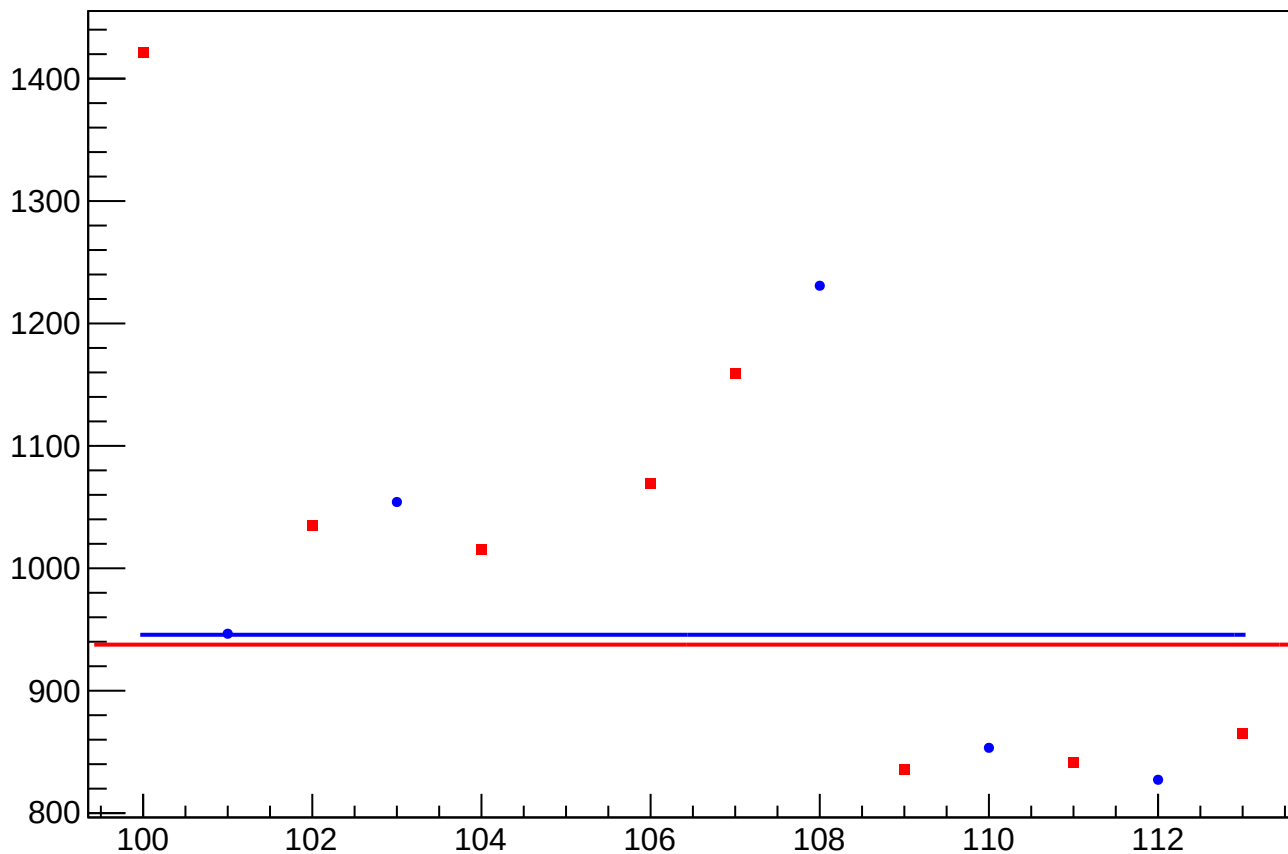
Right: 615.336+/-396.998 χ^2/NDF : 14.3/12

In: 266.655+/-600.206 χ^2/NDF : 7.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 615.336+/-396.998 χ^2/NDF : 14.3/12

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: 937.649+/-0.374 χ^2/NDF : 93861.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

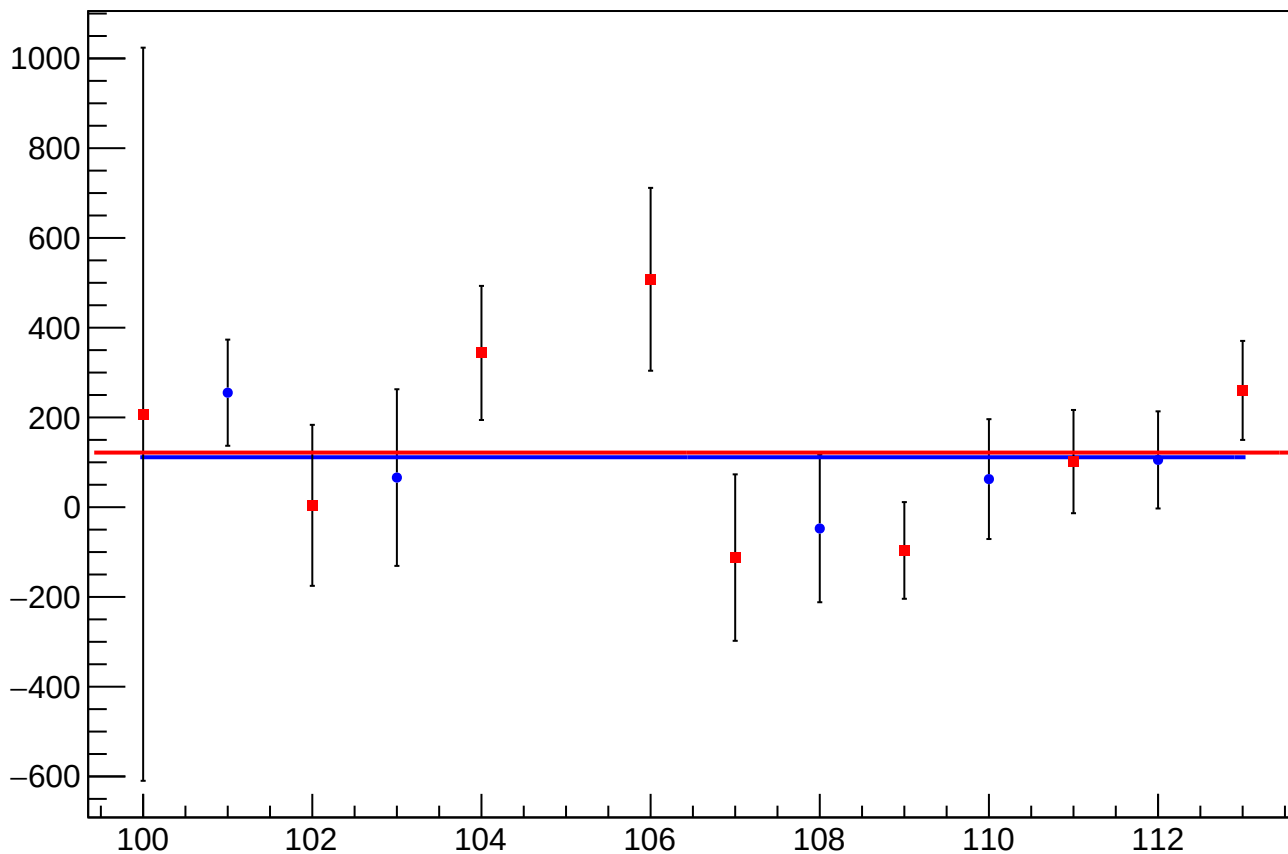
Right: 941.173+/-0.281 χ^2/NDF : 178303.7/12

In: 945.704+/-0.424 χ^2/NDF : 84239.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 941.173+/-0.281 χ^2/NDF : 178303.7/12

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 111.294+/-60.219 χ^2/NDF : 2.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.698+/-51.680 χ^2/NDF : 13.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

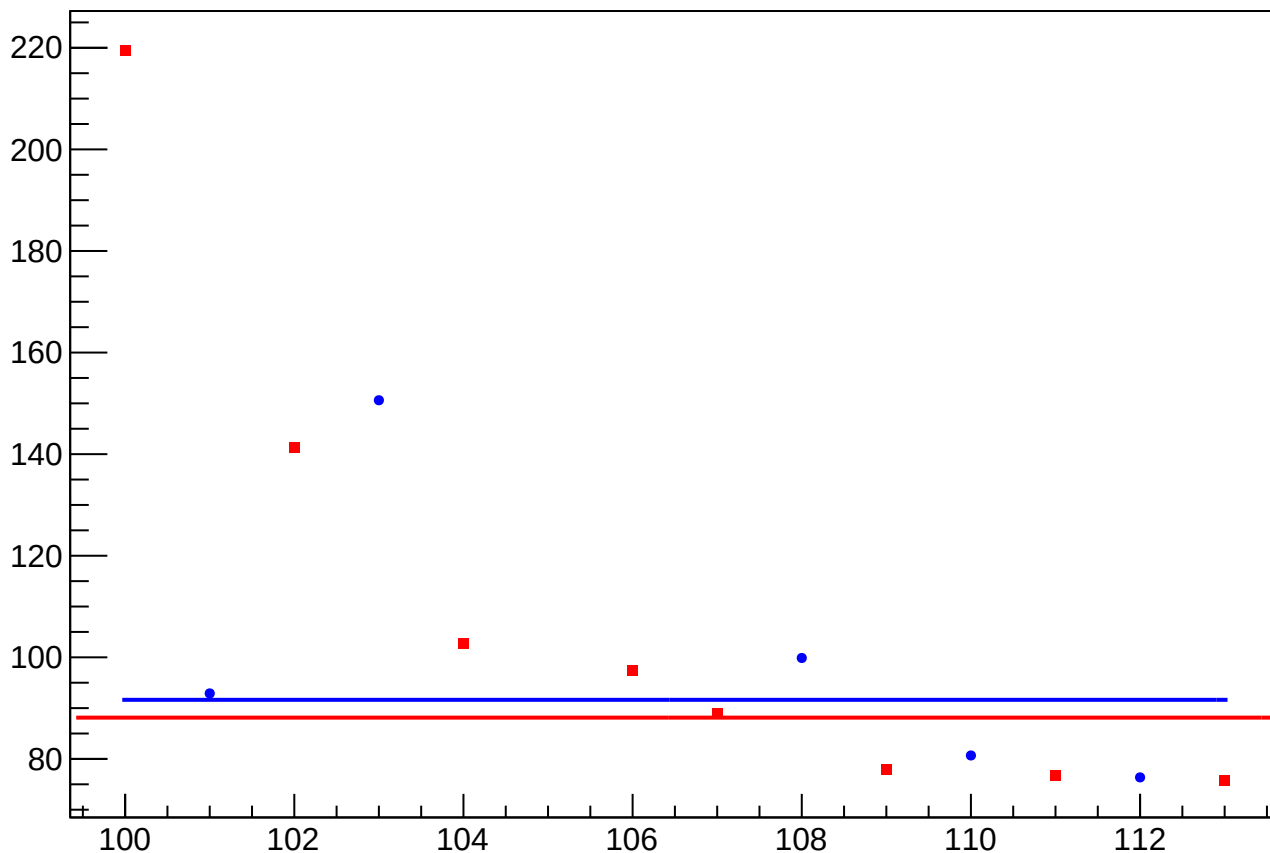
Right: 117.285+/-39.218 χ^2/NDF : 16.2/12

In: 111.294+/-60.219 χ^2/NDF : 2.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.285+/-39.218 χ^2/NDF : 16.2/12

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: 88.129+/-0.037 χ^2/NDF : 313212.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

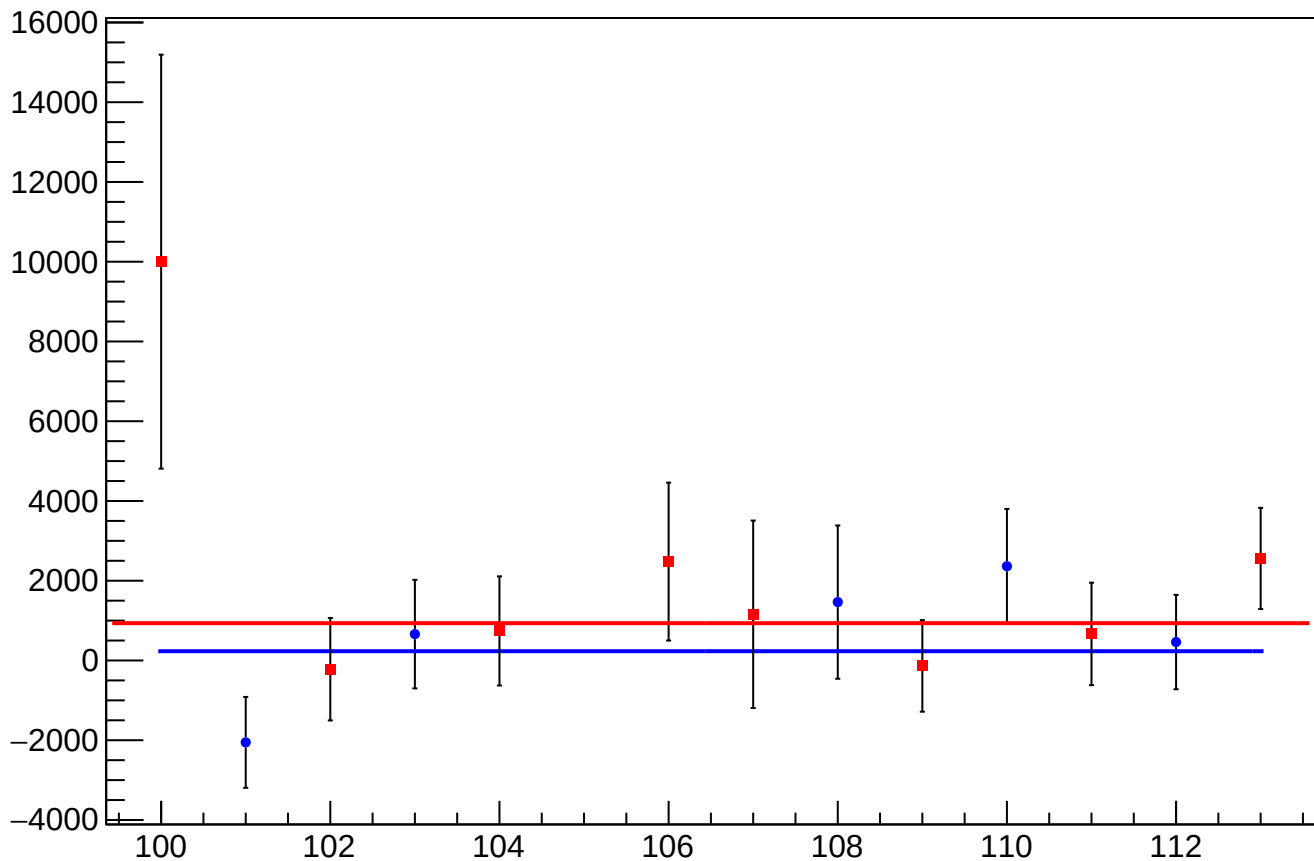
Right: 89.615+/-0.028 χ^2/NDF : 555242.2/12

In: 91.634+/-0.043 χ^2/NDF : 238126.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.615+/-0.028 χ^2/NDF : 555242.2/12

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: 935.433+/-527.207 χ^2/NDF : 7.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

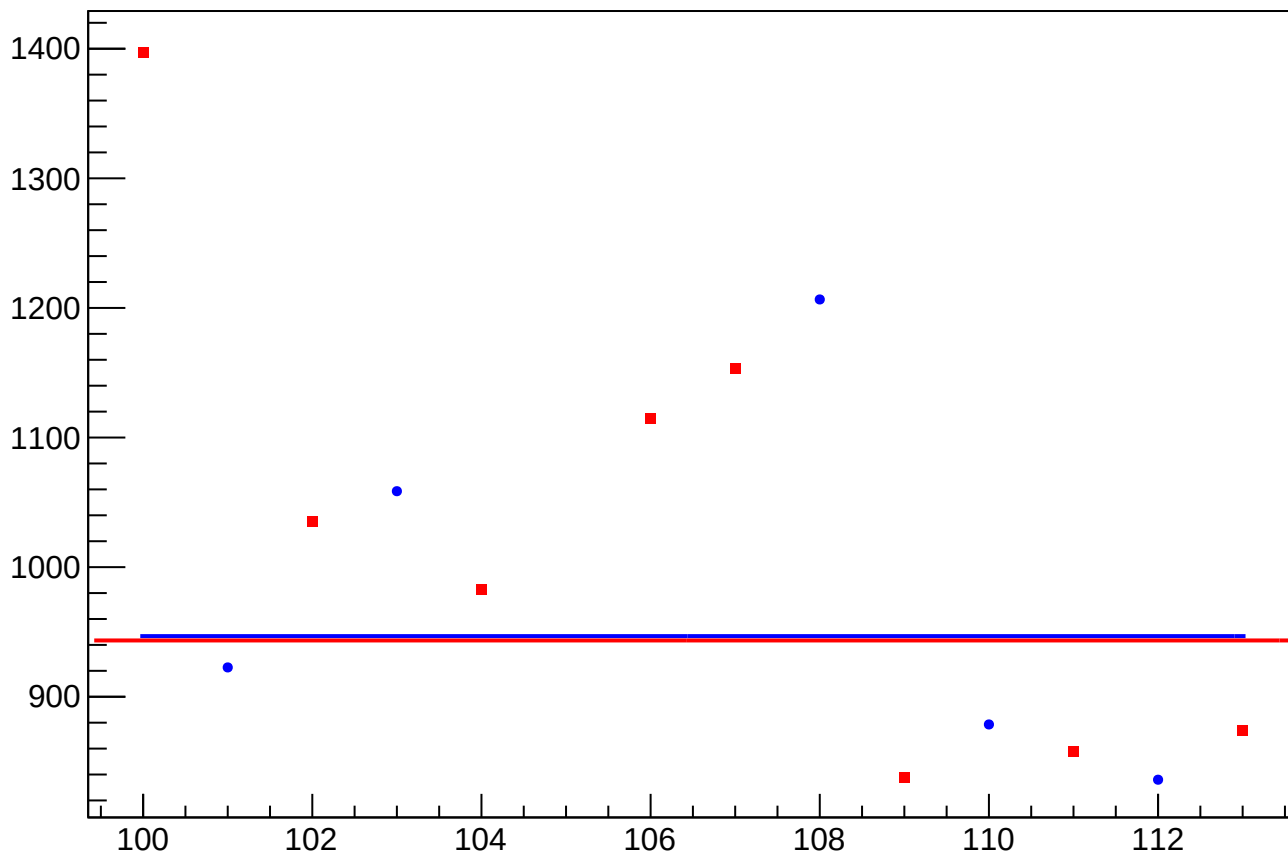
Right: 629.026+/-395.995 χ^2/NDF : 14.6/12

In: 232.376+/-599.841 χ^2/NDF : 6.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 629.026+/-395.995 χ^2/NDF : 14.6/12

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: 943.437+/-0.373 χ^2/NDF : 89789.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

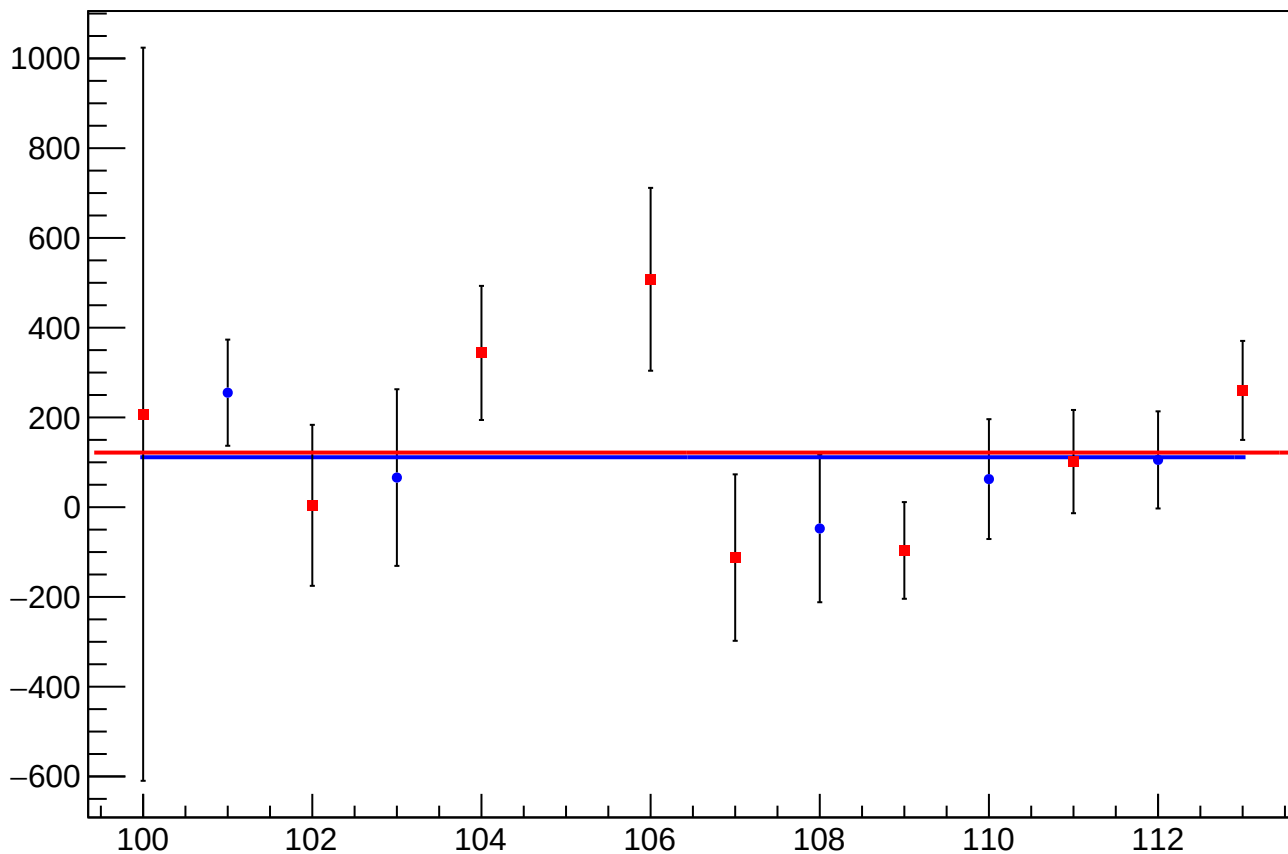
Right: 944.896+/-0.280 χ^2/NDF : 162779.0/12

In: 946.784+/-0.424 χ^2/NDF : 72954.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 944.896+/-0.280 χ^2/NDF : 162779.0/12

eigen_dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 111.290+/-60.219 χ^2/NDF : 2.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.695+/-51.679 χ^2/NDF : 13.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

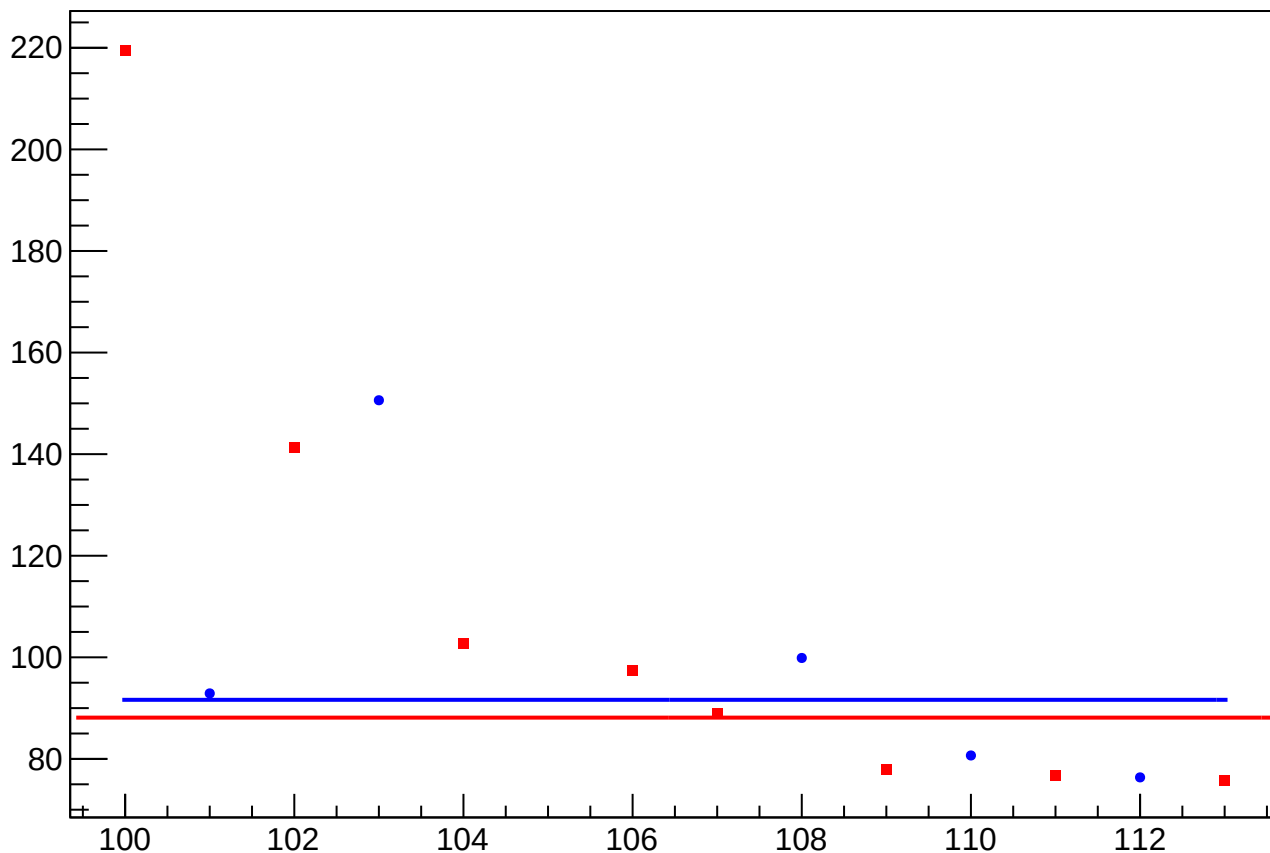
Right: 117.282+/-39.218 χ^2/NDF : 16.2/12

In: 111.290+/-60.219 χ^2/NDF : 2.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.282+/-39.218 χ^2/NDF : 16.2/12

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: 88.128+/-0.037 χ^2/NDF : 313222.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

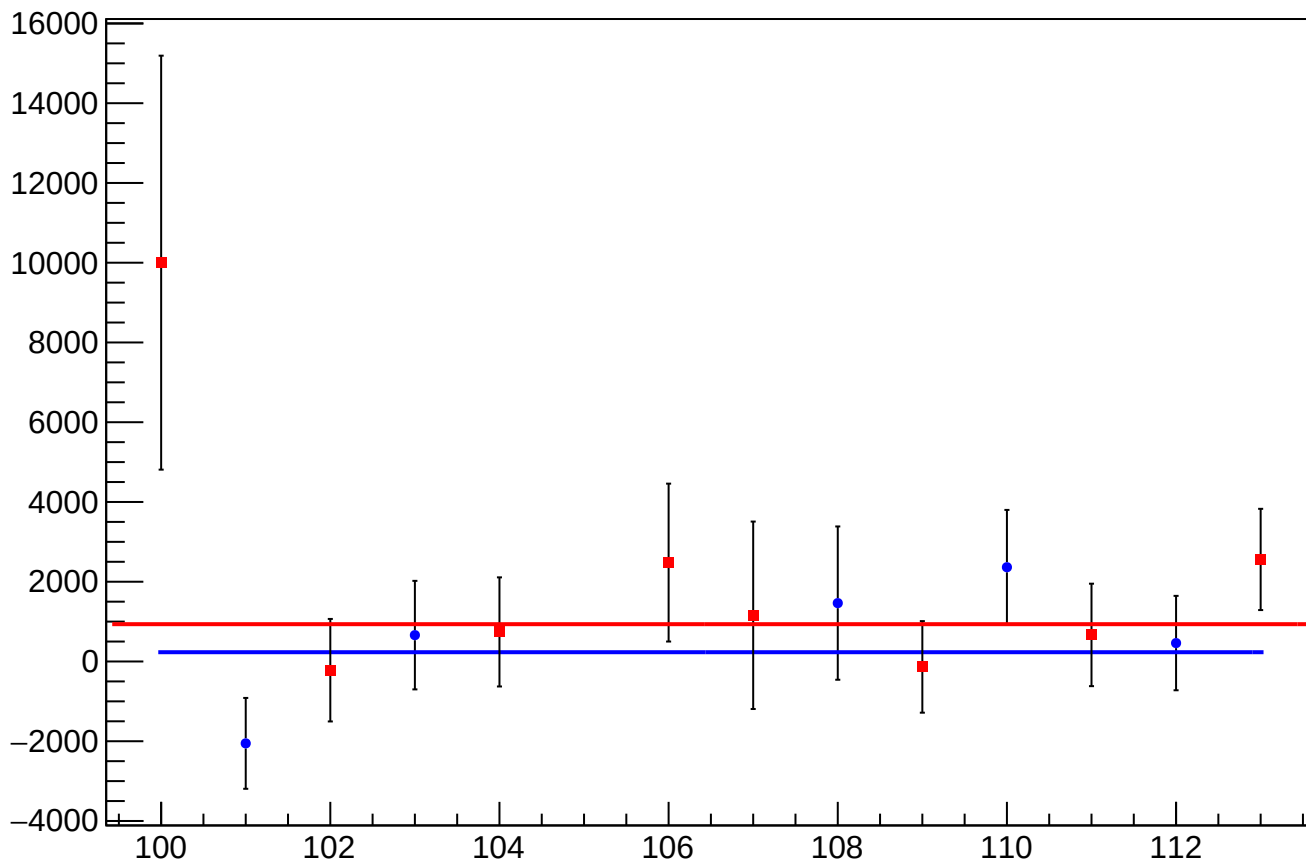
Right: 89.615+/-0.028 χ^2/NDF : 555258.9/12

In: 91.634+/-0.043 χ^2/NDF : 238133.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.615+/-0.028 χ^2/NDF : 555258.9/12

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: 935.431+/-527.205 χ^2/NDF : 7.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

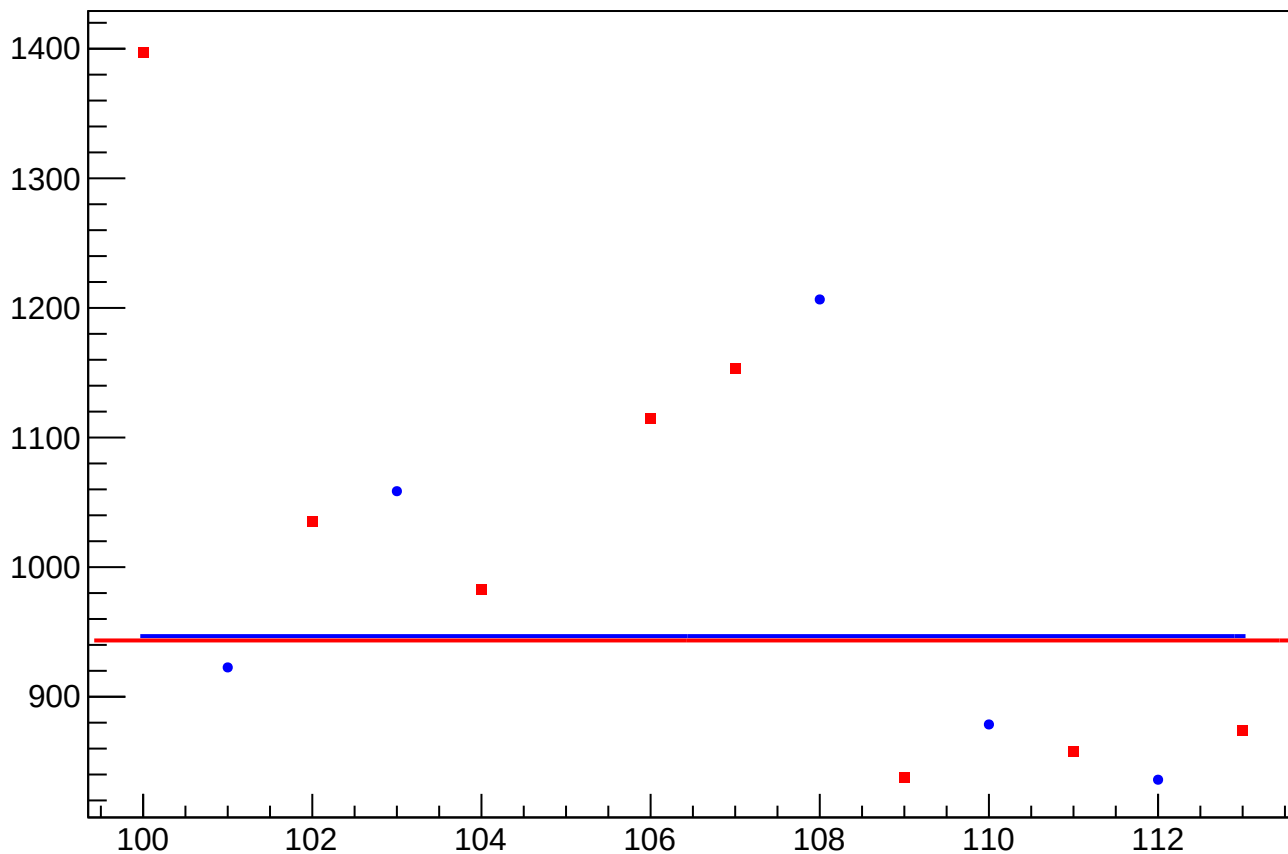
Right: 629.025+/-395.994 χ^2/NDF : 14.6/12

In: 232.376+/-599.839 χ^2/NDF : 6.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 629.025+/-395.994 χ^2/NDF : 14.6/12

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: 943.434+/-0.373 χ^2/NDF : 89791.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

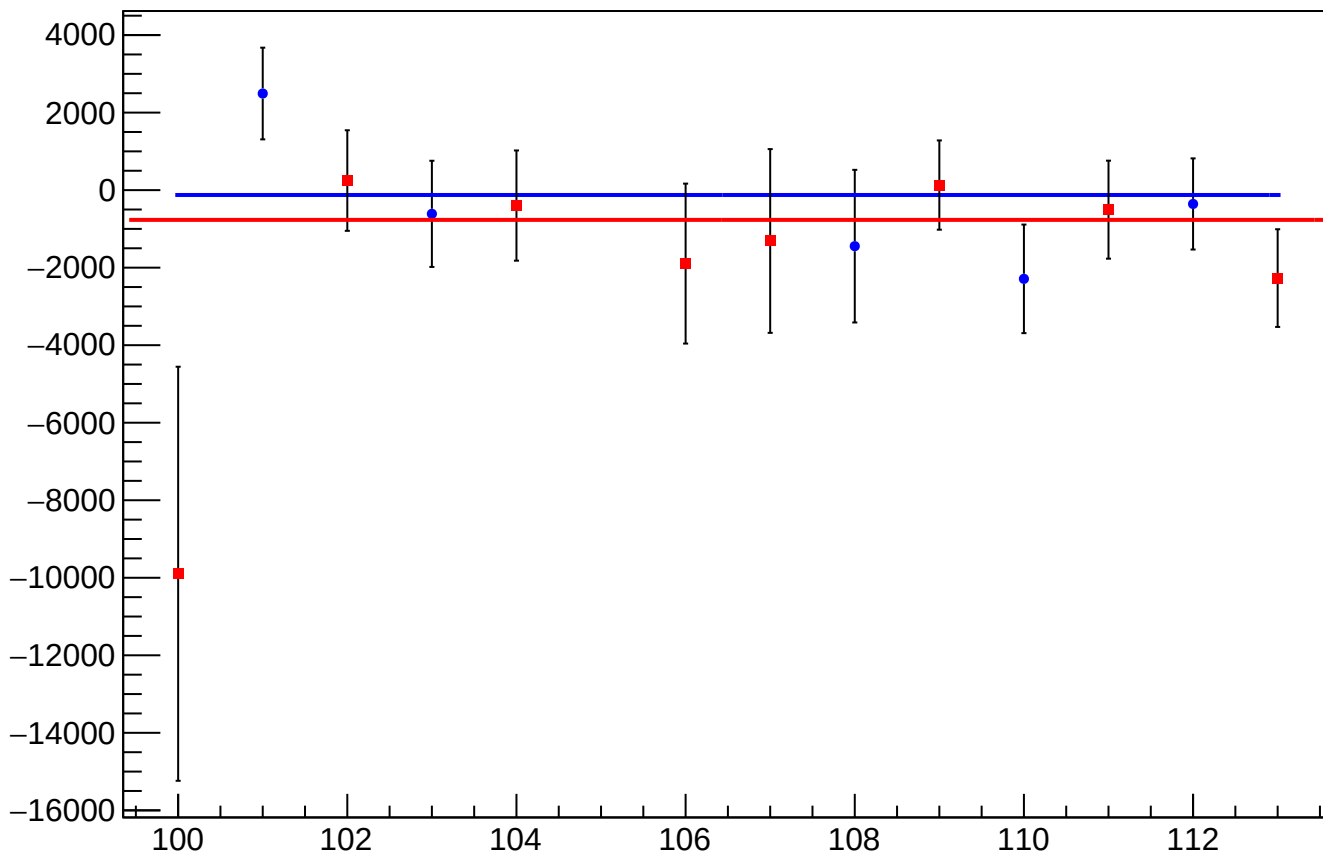
Right: 944.892+/-0.280 χ^2/NDF : 162782.4/12

In: 946.780+/-0.424 χ^2/NDF : 72956.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 944.892+/-0.280 χ^2/NDF : 162782.4/12

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: -767.264+/-530.983 χ^2 /NDF: 6.0/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

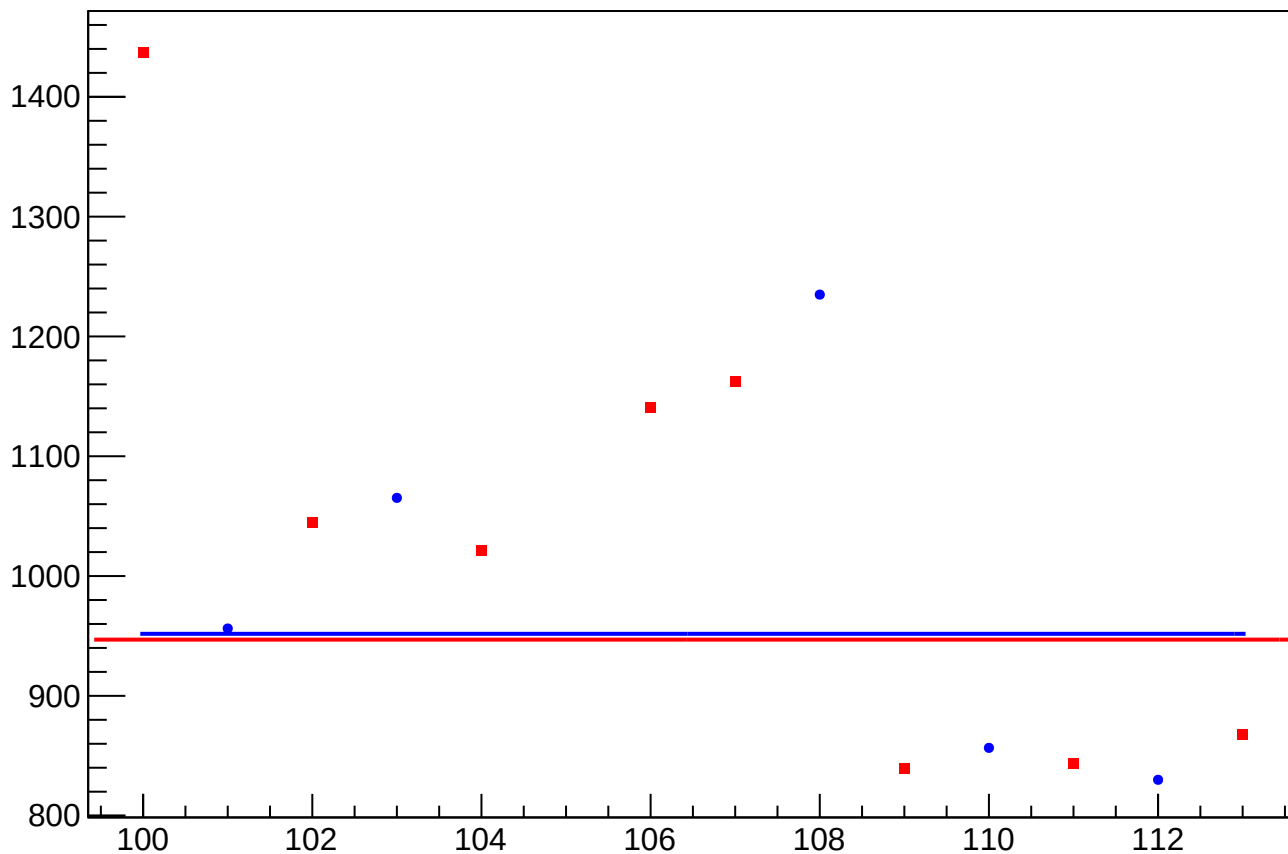
Right: -487.388+/-398.840 χ^2 /NDF: 14.6/12

In: -125.047+/-604.167 χ^2 /NDF:7.9/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -487.388+/-398.840 χ^2 /NDF: 14.6/12

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: 946.935+/-0.375 χ^2/NDF : 106450.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

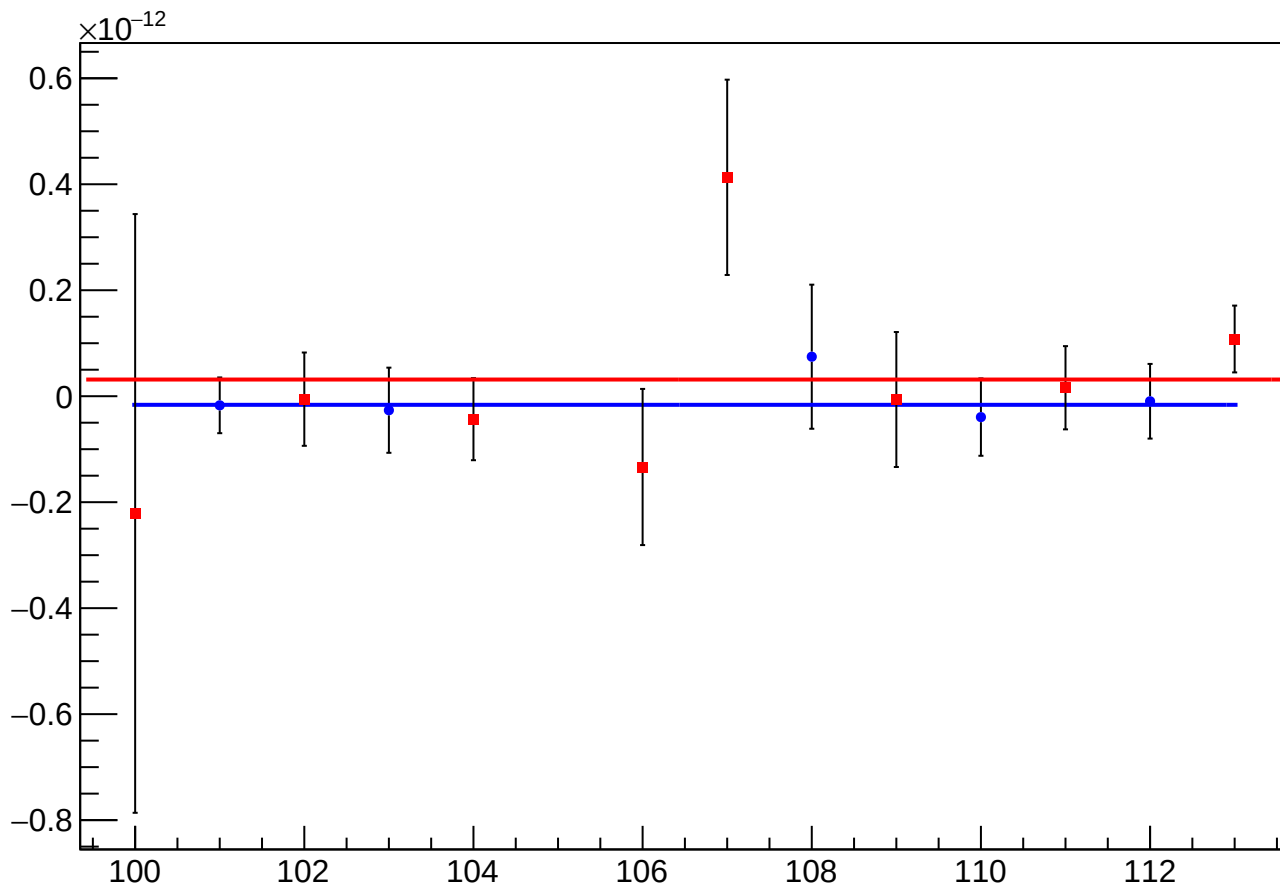
Right: 949.047+/-0.282 χ^2/NDF : 192375.9/12

In: 951.780+/-0.427 χ^2/NDF : 85852.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 949.047+/-0.282 χ^2/NDF : 192375.9/12

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 : 8.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

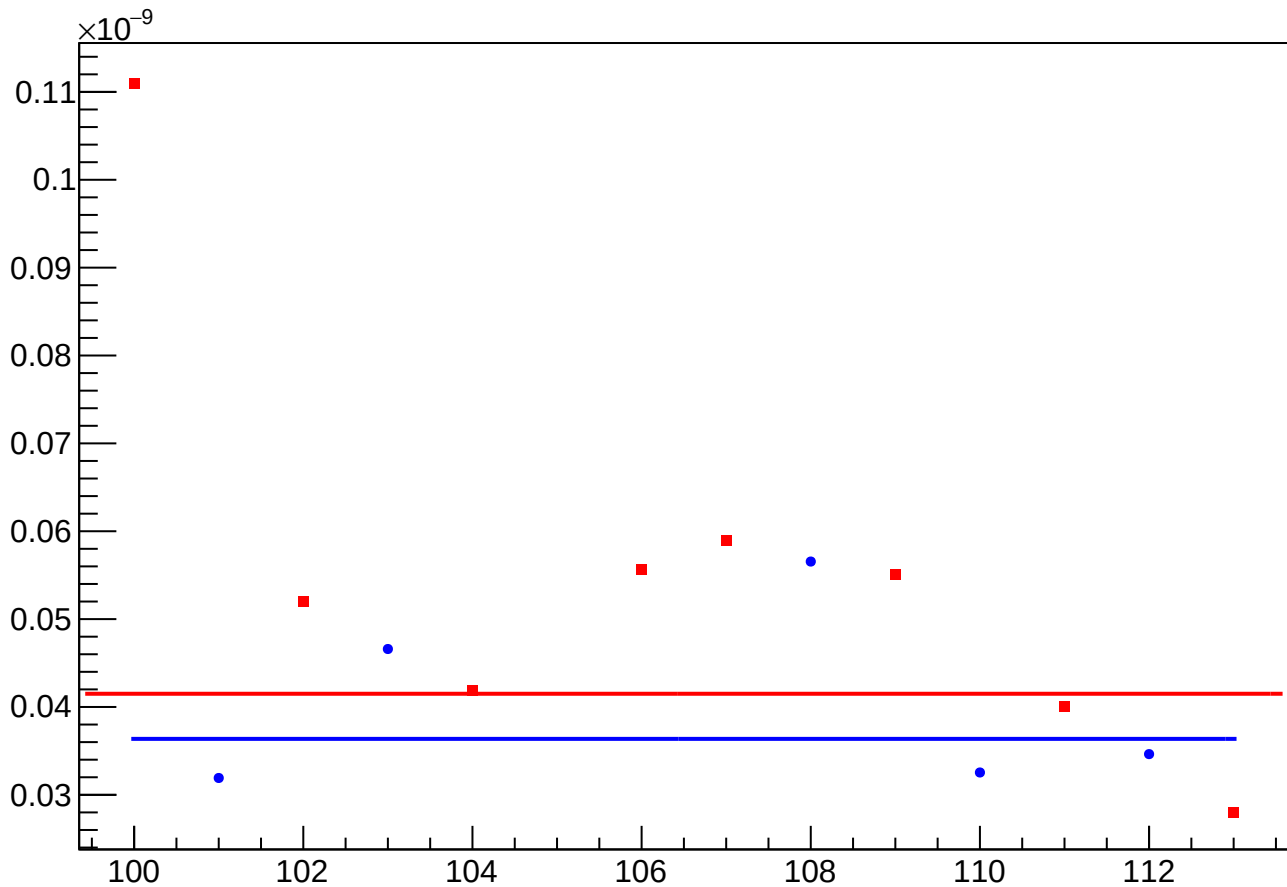
Right: 0.000+/-0.000 χ^2/NDF : 10.1/12

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 : 10.1/12

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 : 210308.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

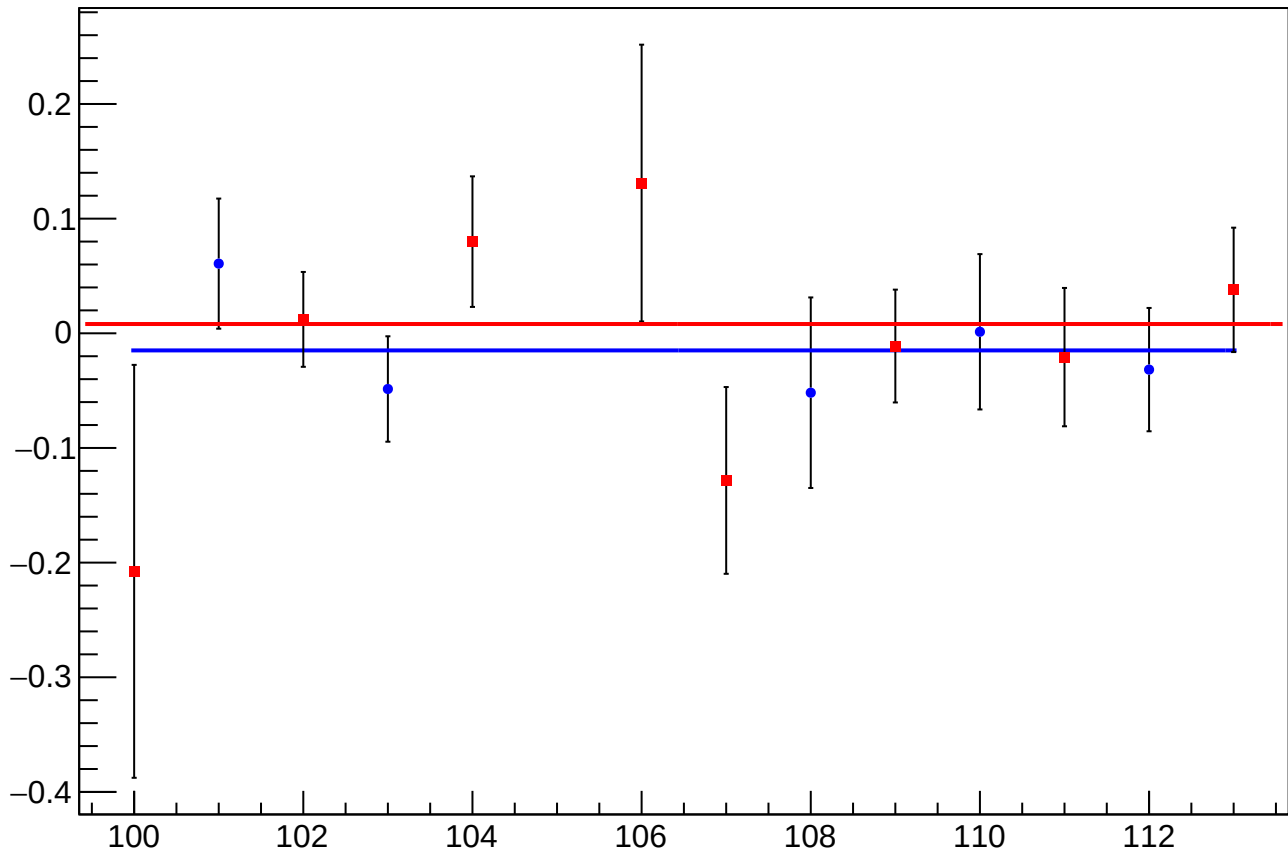
Right: 0.000+/-0.000 χ^2/NDF : 331565.0/12

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 : 331565.0/12

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: 0.008+/-0.021 χ^2/NDF : 7.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

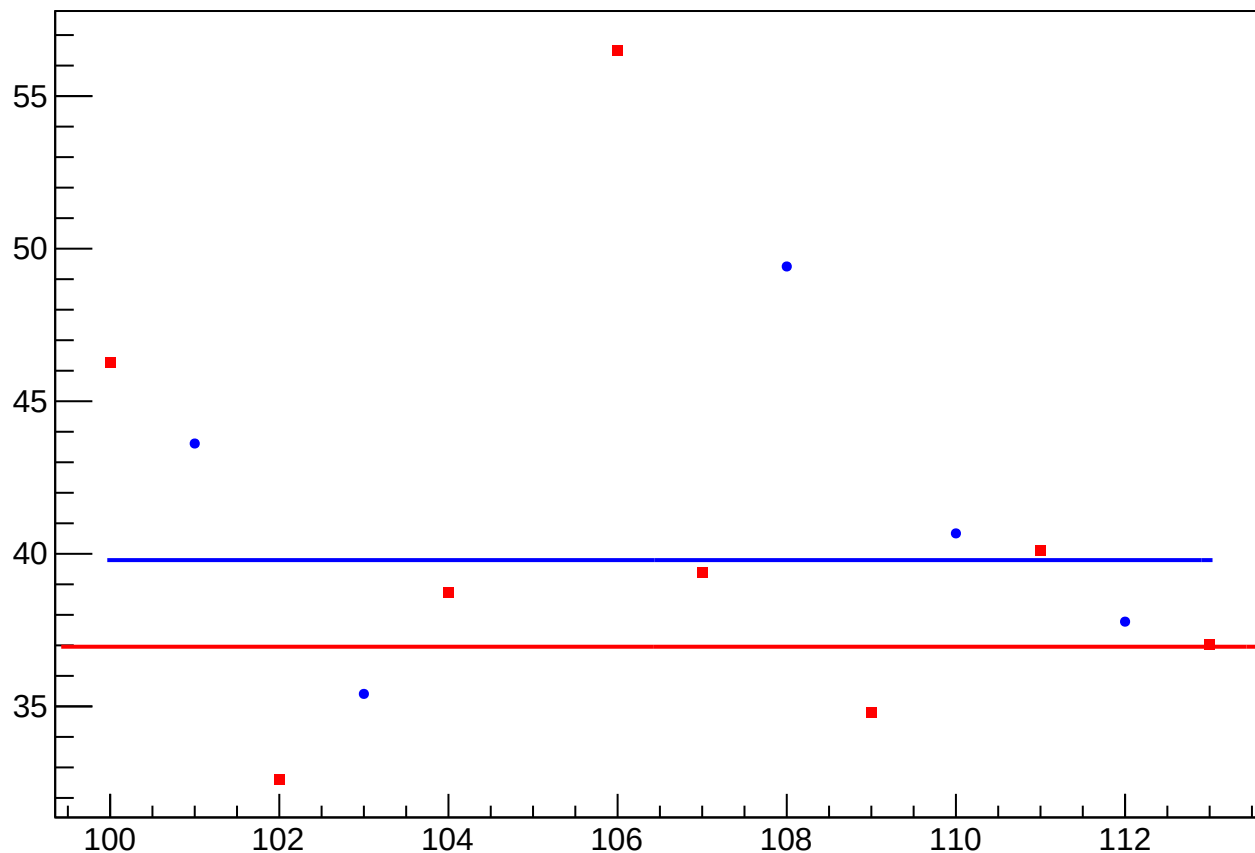
Right: -0.001+/-0.017 χ^2/NDF : 10.7/12

In: -0.015+/-0.026 χ^2/NDF : 2.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.017 χ^2/NDF : 10.7/12

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: 36.955+/-0.015 χ^2/NDF : 93091.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

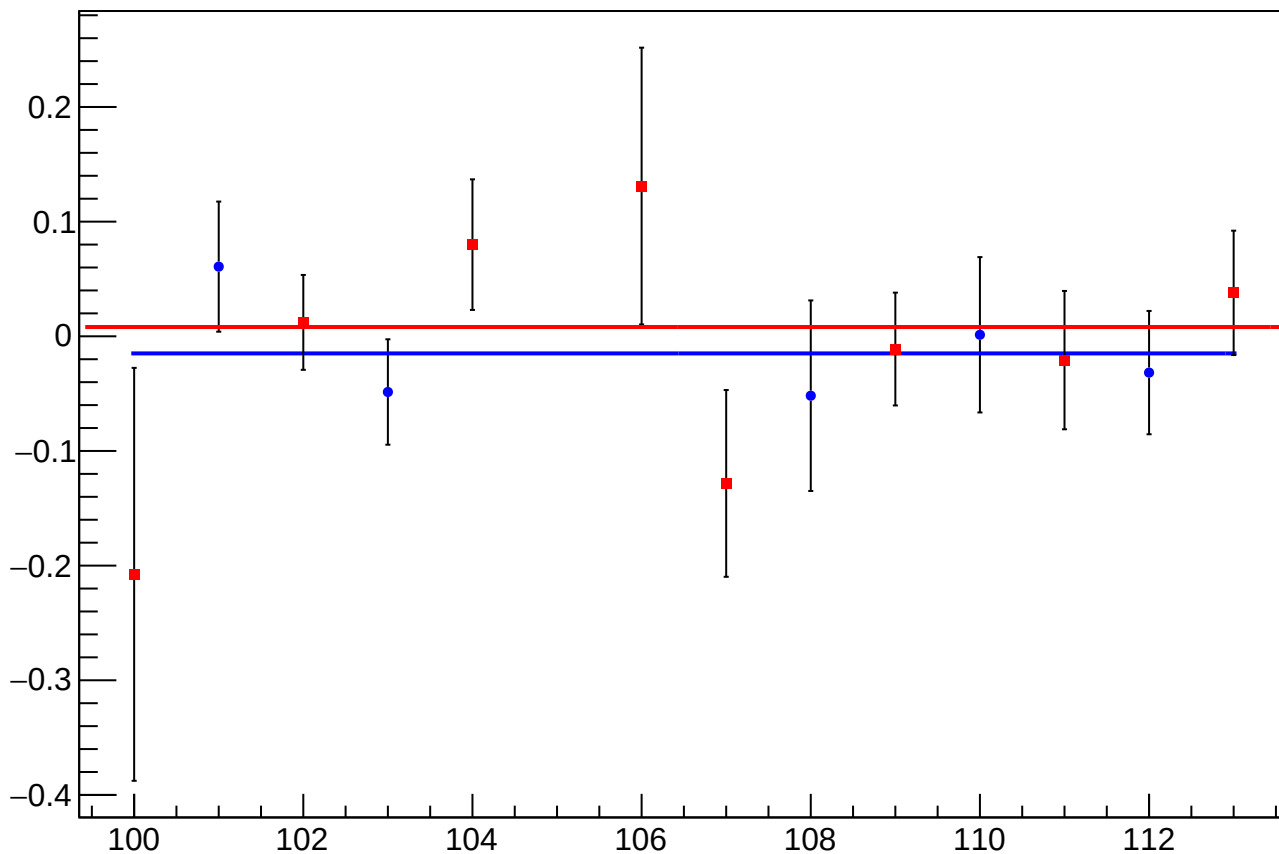
Right: 38.112+/-0.012 χ^2/NDF : 164565.7/12

In: 39.794+/-0.018 χ^2/NDF : 57225.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.112+/-0.012 χ^2/NDF : 164565.7/12

asym_sam_12345678_avg_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: 0.008 $\pm$ 0.021 χ^2 /NDF: 7.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

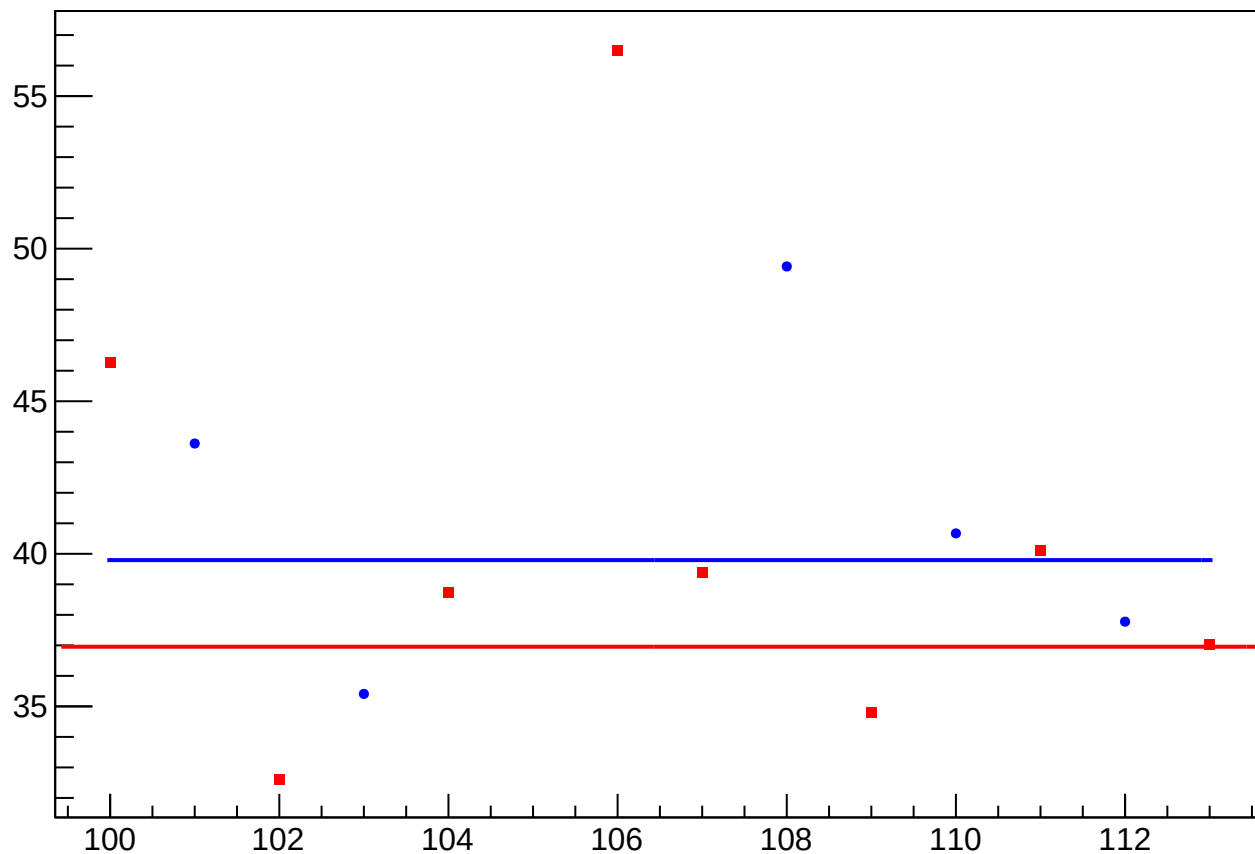
Right: -0.001 $\pm$ 0.017 χ^2 /NDF: 10.7/12

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: -0.001 $\pm$ 0.017 χ^2 /NDF: 10.7/12

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: 36.955+/-0.015 χ^2/NDF : 93091.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

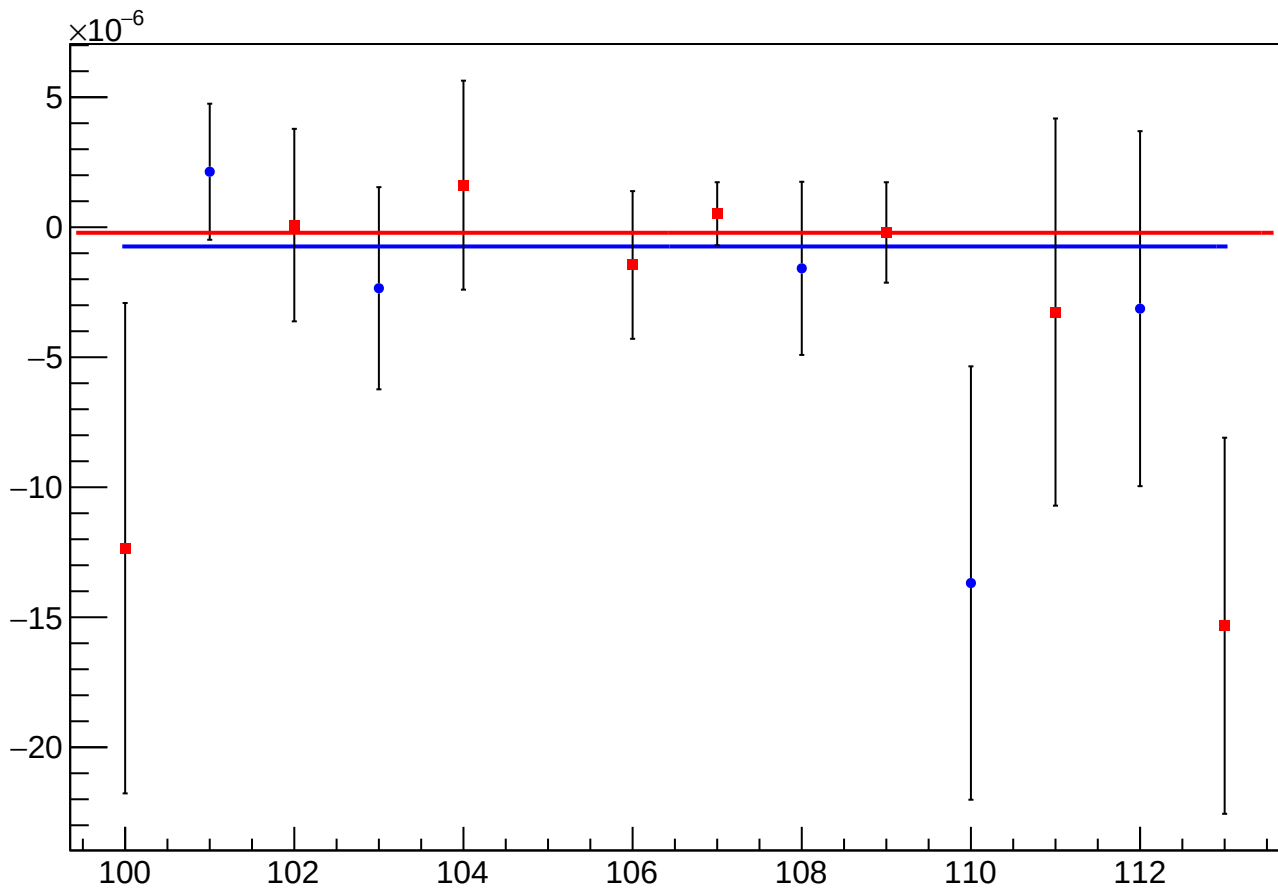
Right: 38.112+/-0.012 χ^2/NDF : 164565.7/12

In: 39.794+/-0.018 χ^2/NDF : 57225.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.112+/-0.012 χ^2/NDF : 164565.7/12

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 : 7.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

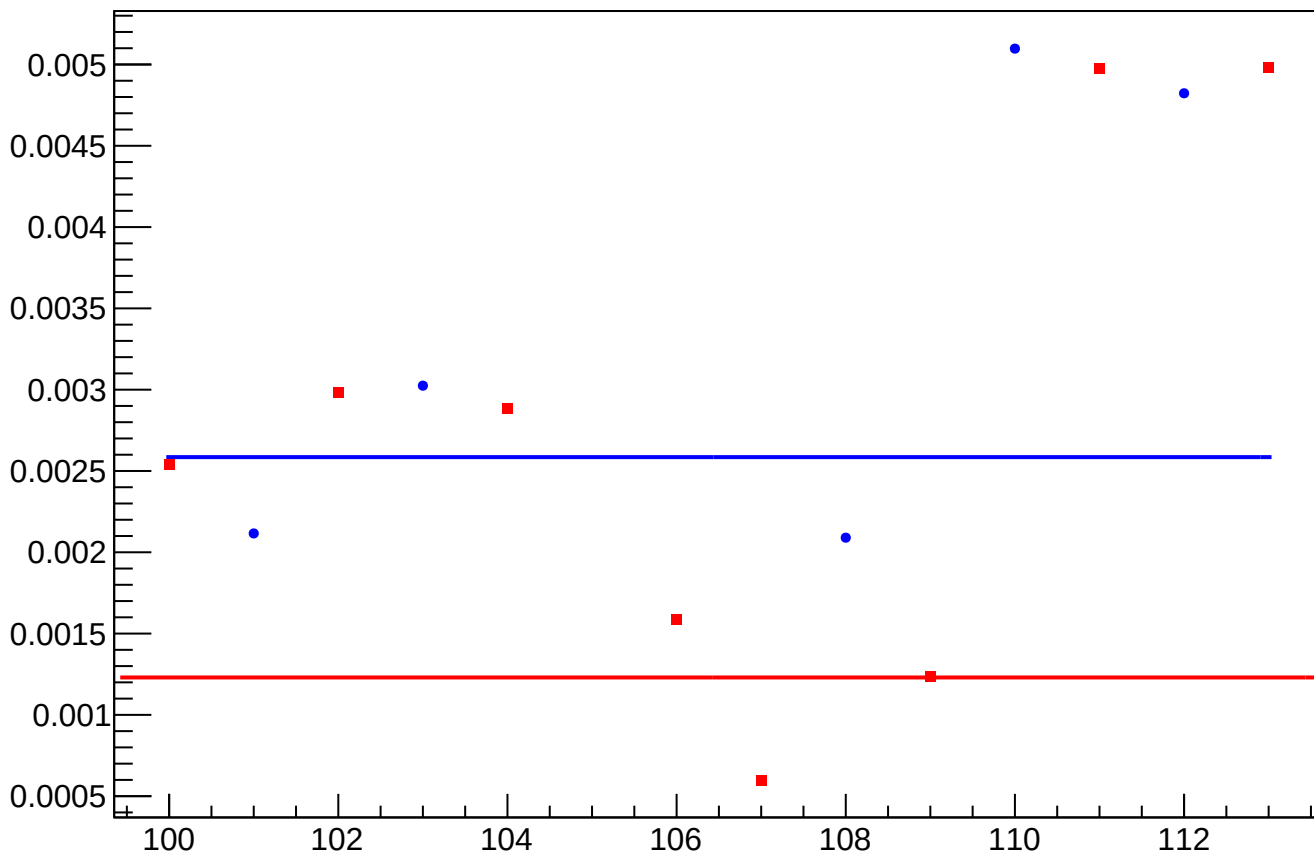
Right: -0.000+/-0.000 χ^2/NDF : 11.0/12

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 : 11.0/12

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 : 2448207.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

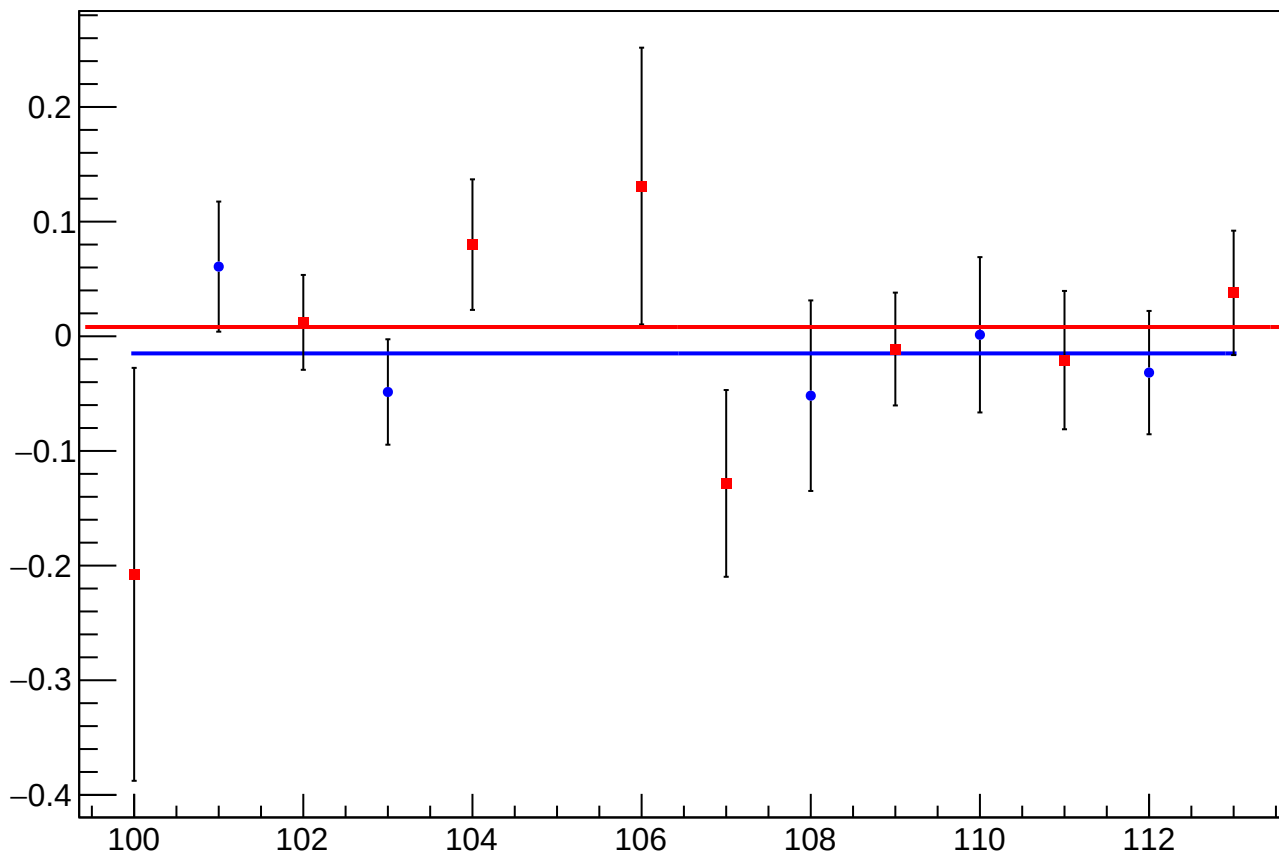
Right: 0.002+/-0.000 χ^2/NDF : 3957806.0/12

In: 0.003+/-0.000 χ^2/NDF : 530871.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3957806.0/12

asym_sam_12345678_avg_eigen_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: 0.008+/-0.021 χ^2/NDF : 7.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

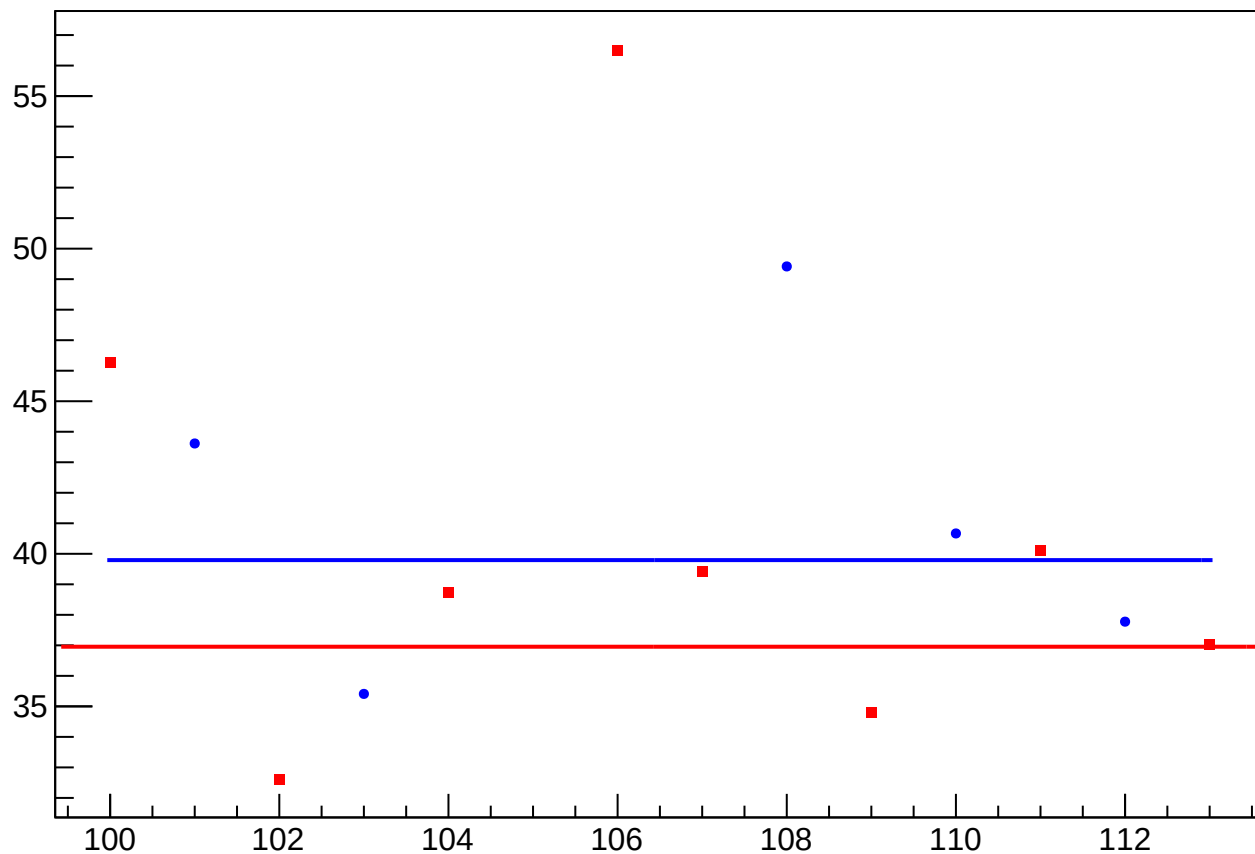
Right: -0.001+/-0.017 χ^2/NDF : 10.7/12

In: -0.015+/-0.026 χ^2/NDF : 2.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.017 χ^2/NDF : 10.7/12

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: 36.955+/-0.015 χ^2/NDF : 93094.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

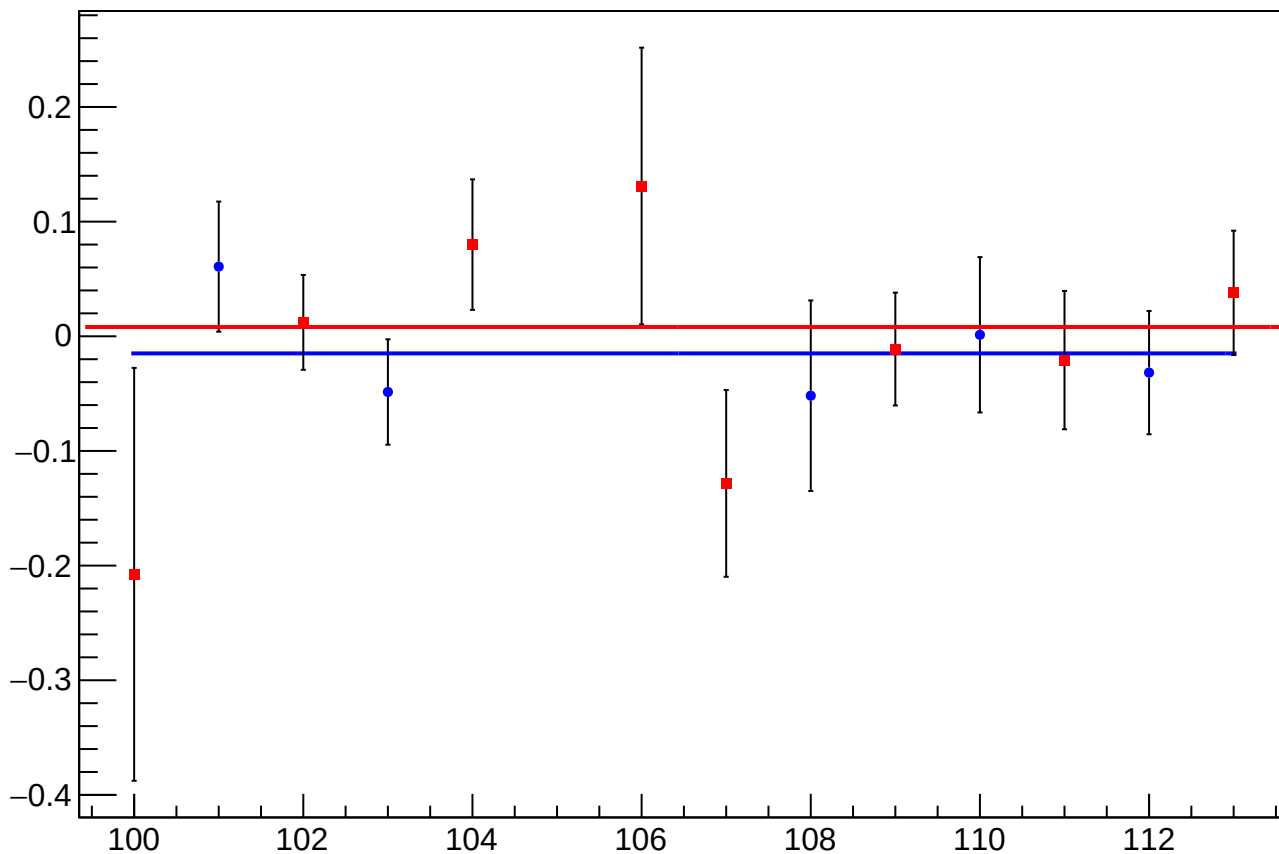
Right: 38.111+/-0.012 χ^2/NDF : 164582.0/12

In: 39.793+/-0.018 χ^2/NDF : 57238.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.111+/-0.012 χ^2/NDF : 164582.0/12

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: 0.008 $\pm$ 0.021 χ^2 /NDF: 7.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

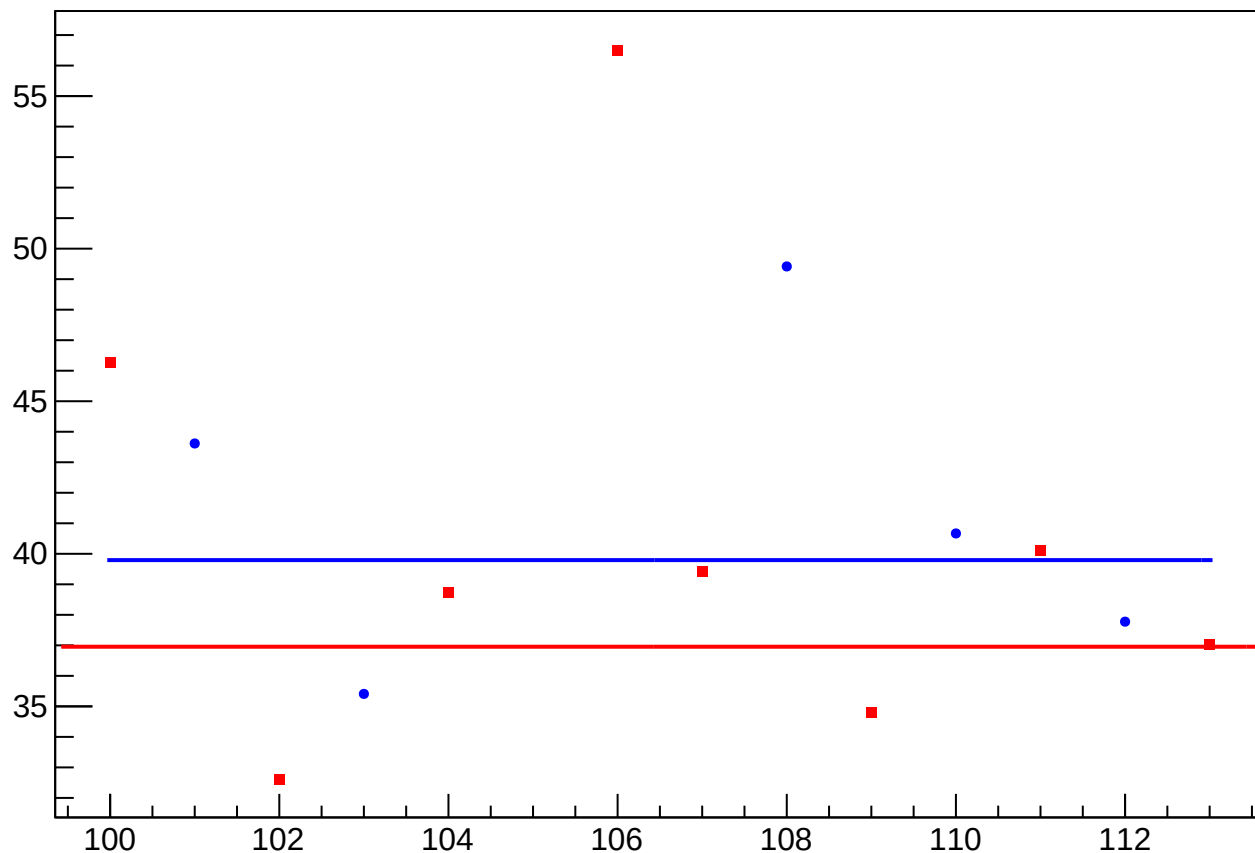
Right: -0.001 $\pm$ 0.017 χ^2 /NDF: 10.7/12

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: -0.001 $\pm$ 0.017 χ^2 /NDF: 10.7/12

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: 36.955+/-0.015 χ^2/NDF : 93094.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

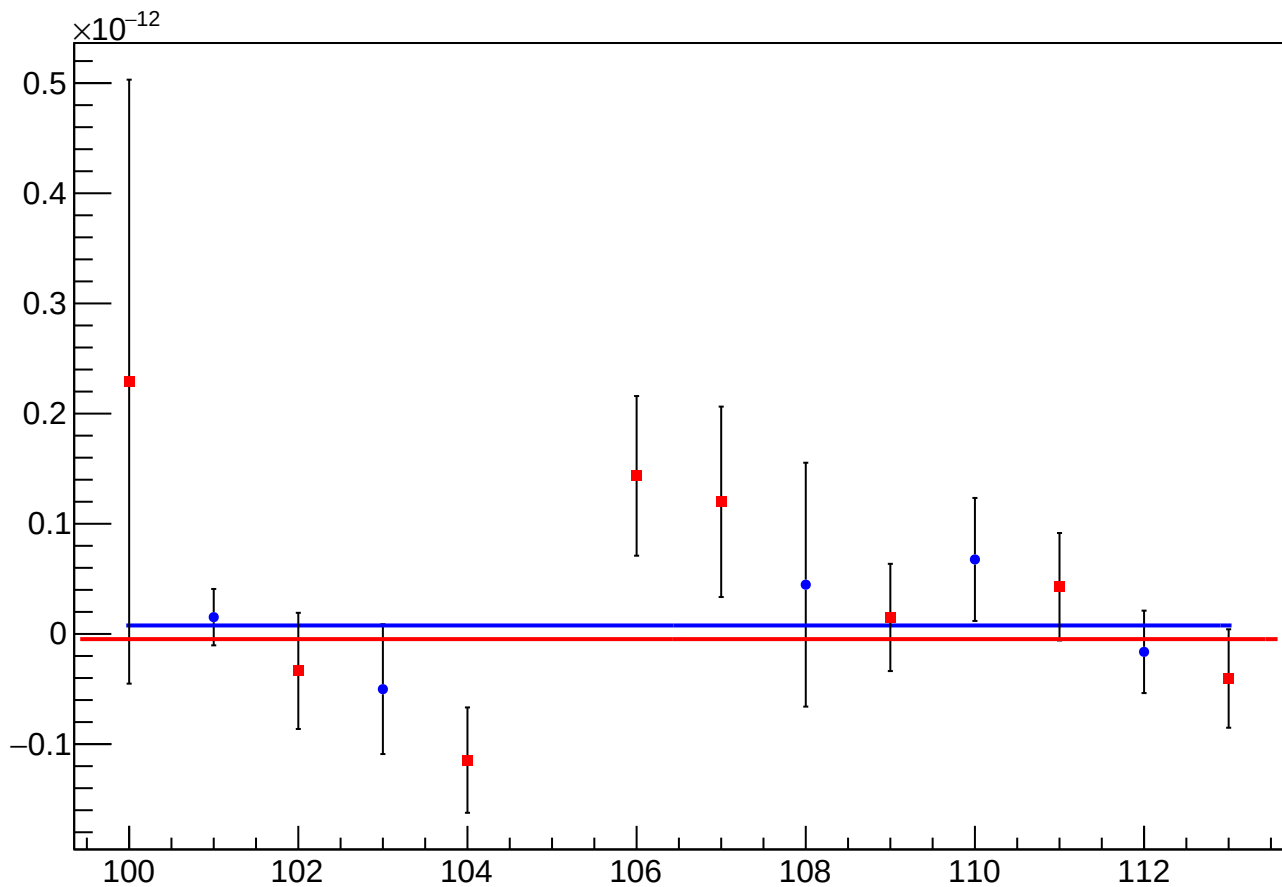
Right: 38.111+/-0.012 χ^2/NDF : 164582.0/12

In: 39.793+/-0.018 χ^2/NDF : 57238.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.111+/-0.012 χ^2/NDF : 164582.0/12

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 : 14.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

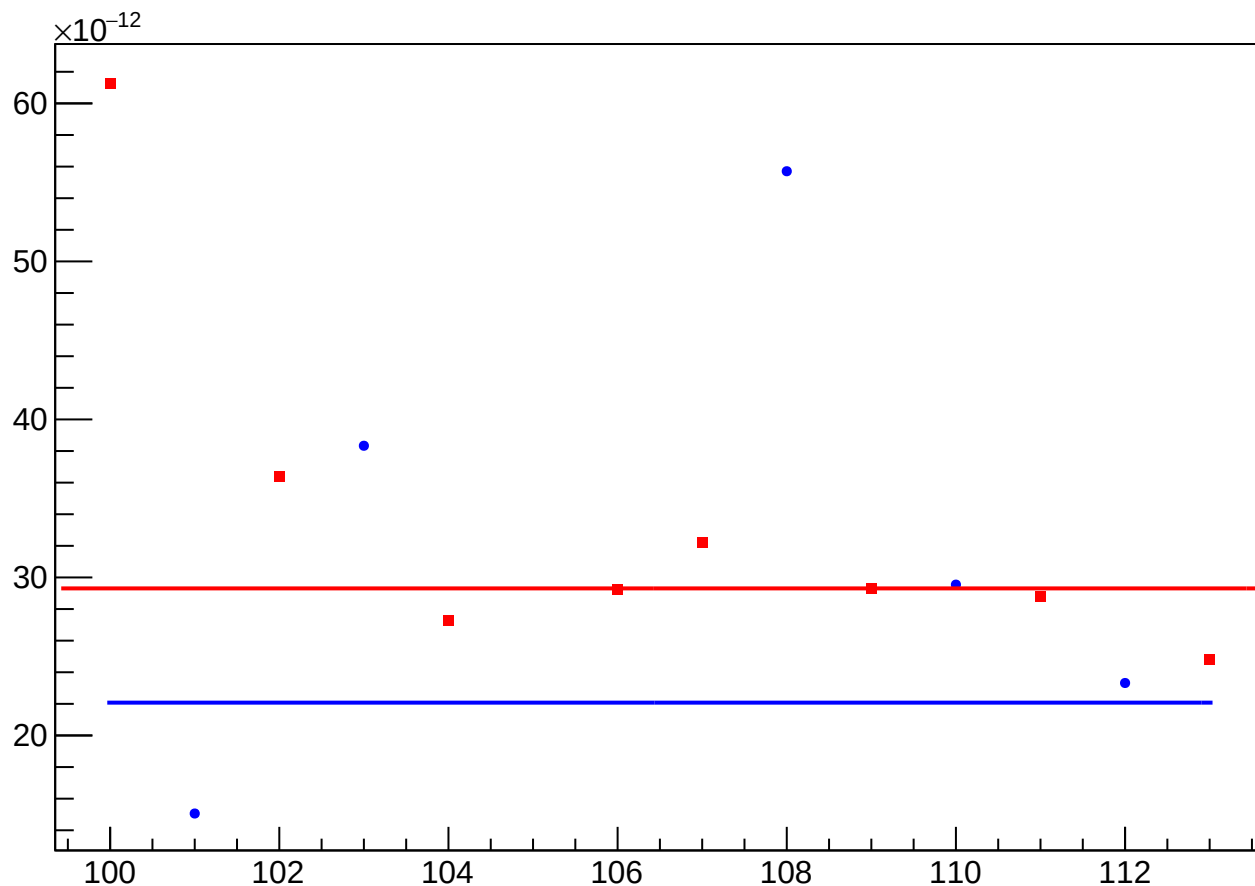
Right: 0.000+/-0.000 χ^2/NDF : 17.2/12

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 : 17.2/12

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 : 89207.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

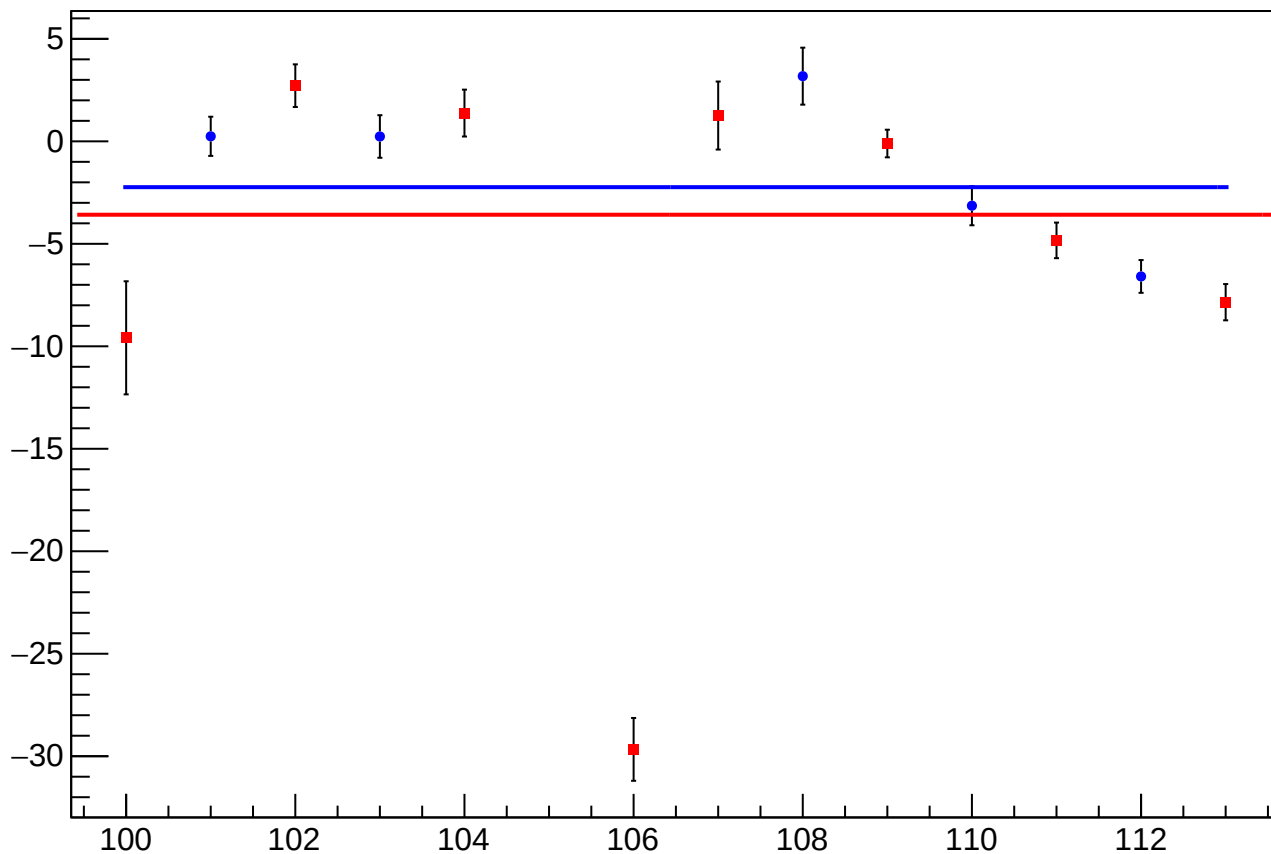
Right: 0.000+/-0.000 χ^2/NDF : 754872.1/12

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 : 754872.1/12

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: -3.581+/-0.367 χ^2/NDF : 410.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

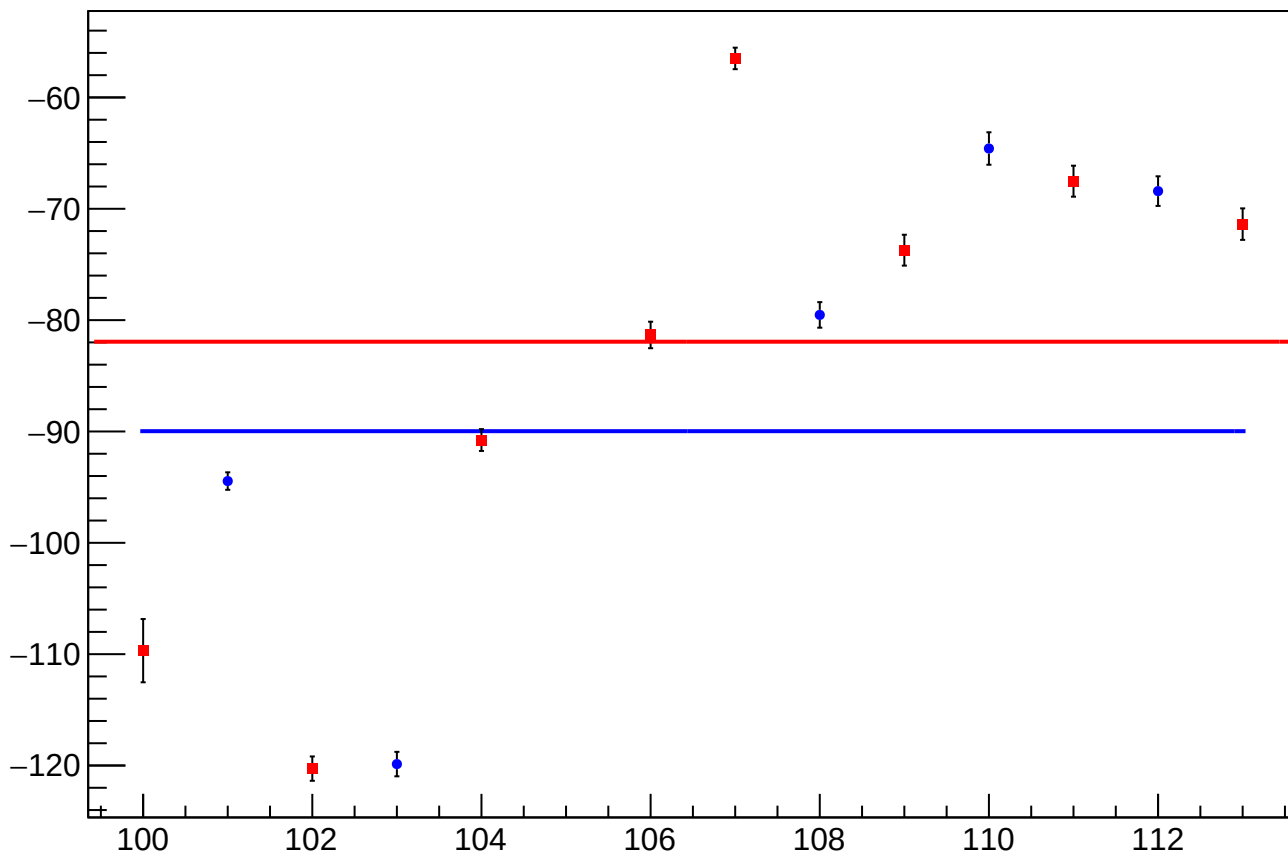
Right: -3.026+/-0.282 χ^2/NDF : 474.0/12

In: -2.236+/-0.438 χ^2/NDF : 58.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.026+/-0.282 χ^2/NDF : 474.0/12

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -89.973 ± 0.485 $\chi^2/\text{NDF}: 1423.3/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -81.938 ± 0.434 $\chi^2/\text{NDF}: 2299.1/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

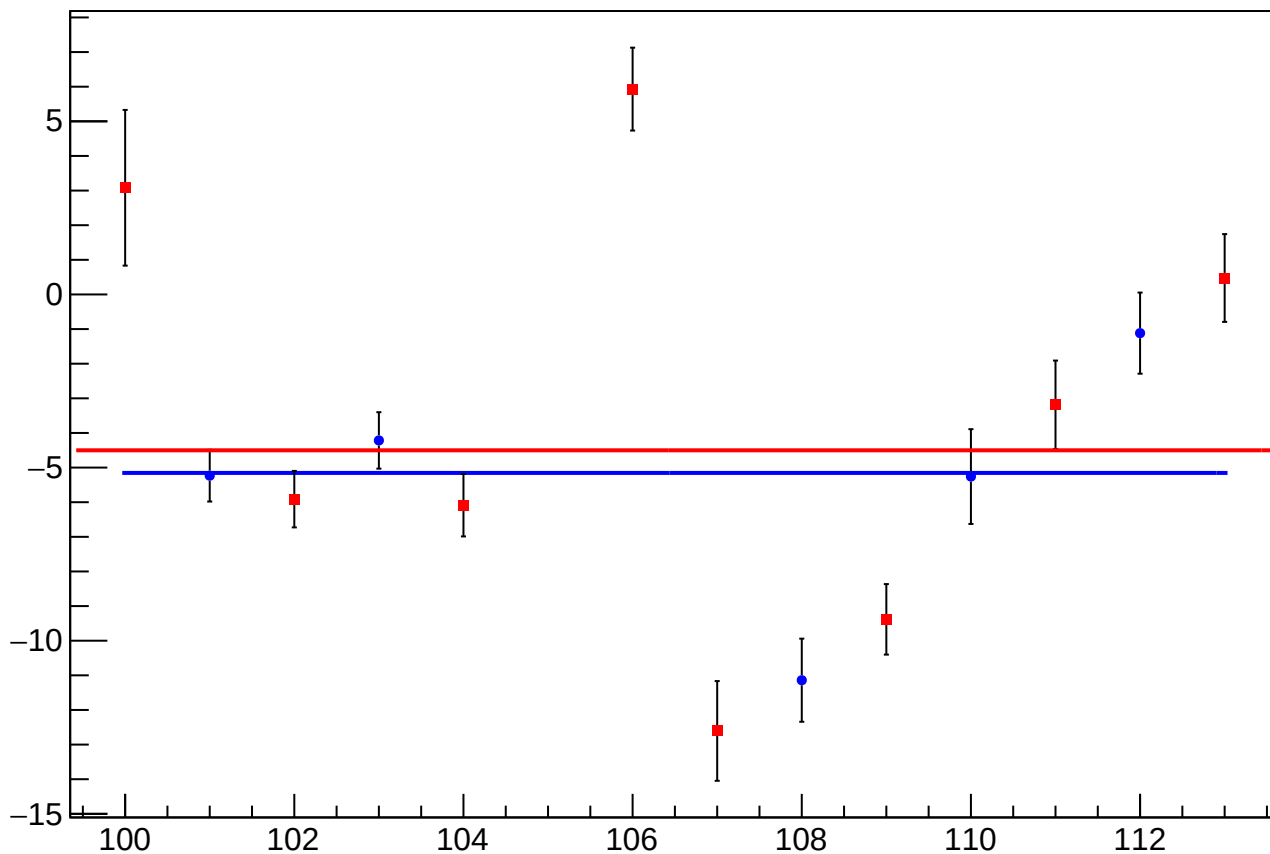
Right: -85.506 ± 0.323 $\chi^2/\text{NDF}: 3874.8/12$

In: -89.973 ± 0.485 $\chi^2/\text{NDF}: 1423.3/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -85.506 ± 0.323 $\chi^2/\text{NDF}: 3874.8/12$

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: -4.501 ± 0.398 χ^2/NDF : 164.5/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

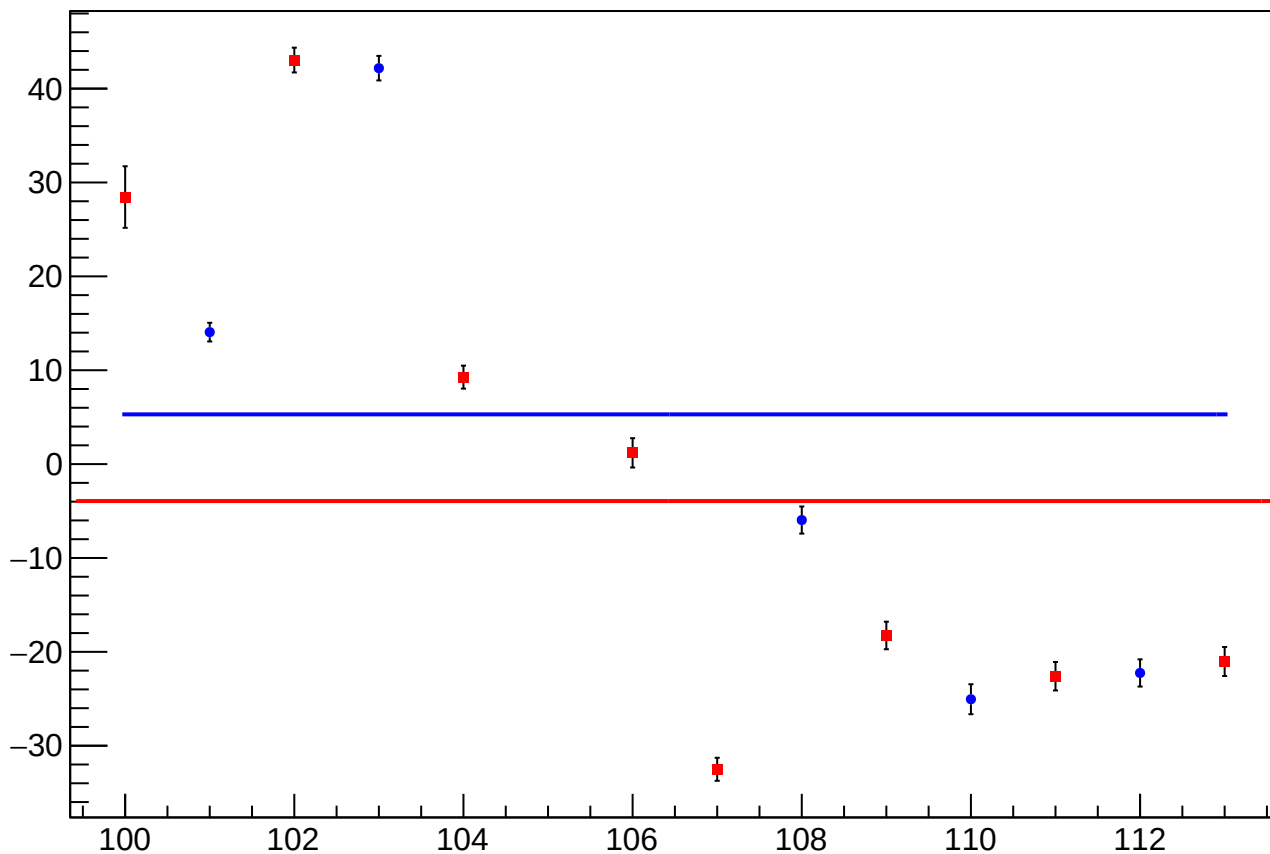
Right: -4.798 ± 0.294 χ^2/NDF : 203.8/12

In: -5.154 ± 0.436 χ^2/NDF : 38.1/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.798 ± 0.294 χ^2/NDF : 203.8/12

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: -3.934+/-0.518 χ^2/NDF : 2405.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

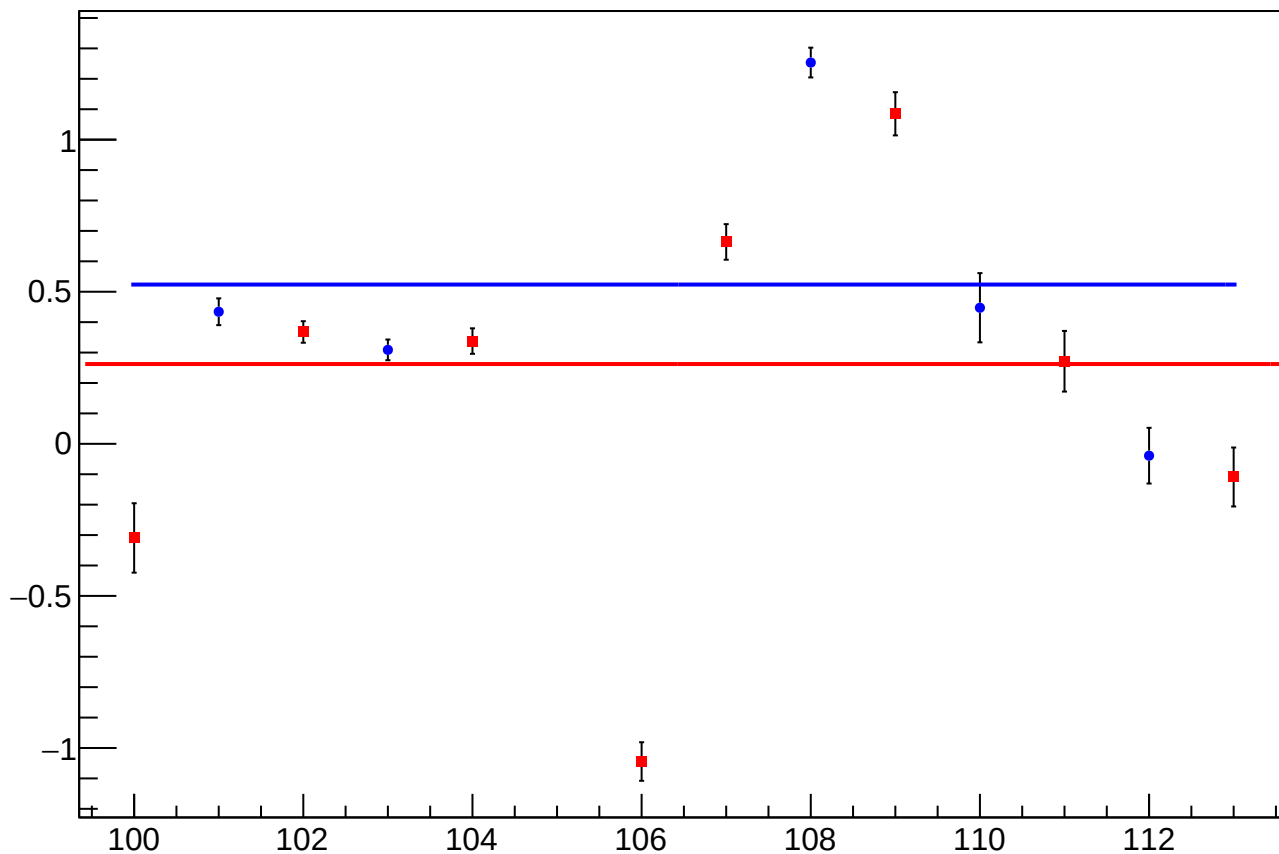
Right: 0.138+/-0.387 χ^2/NDF : 4201.1/12

In: 5.299+/-0.583 χ^2/NDF : 1655.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.138+/-0.387 χ^2/NDF : 4201.1/12

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: 0.262+/-0.020 χ^2/NDF : 658.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

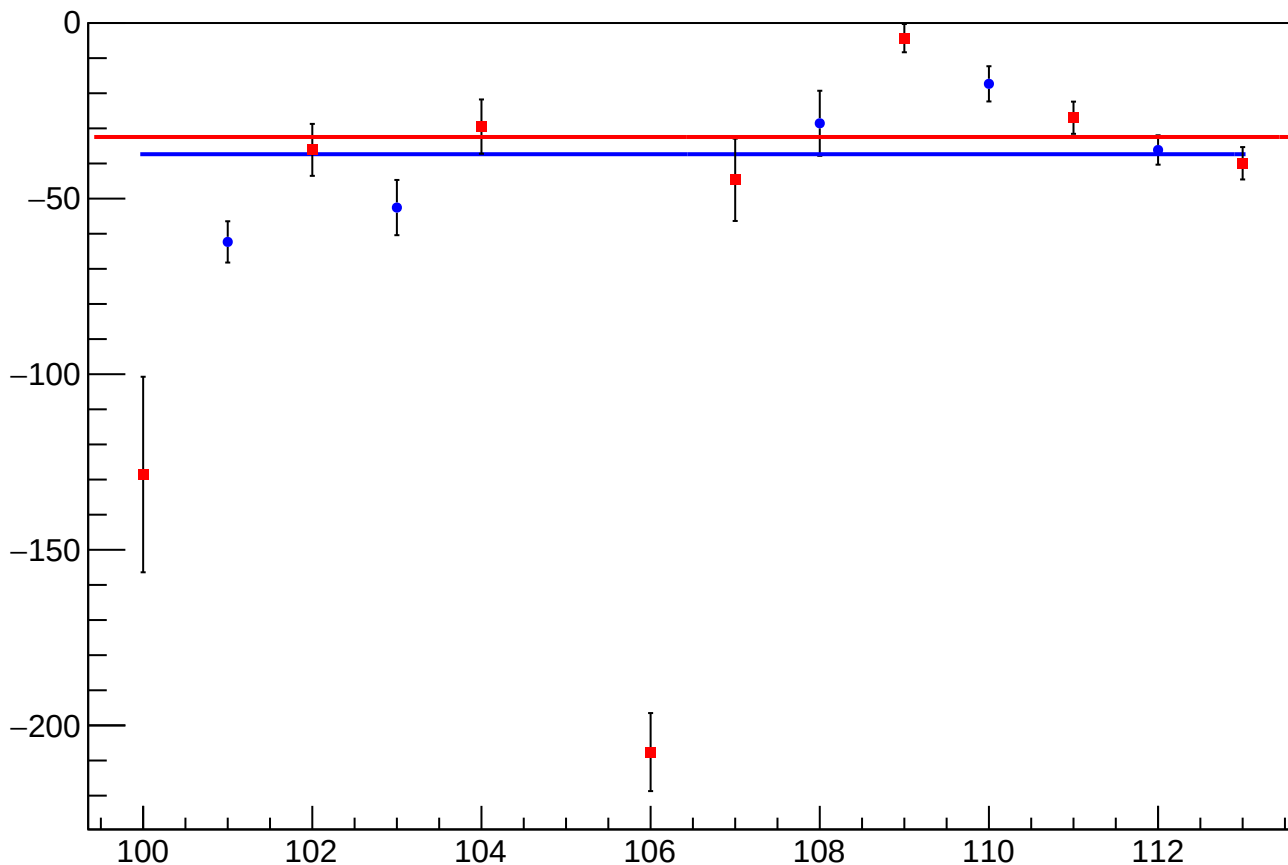
Right: 0.381+/-0.015 χ^2/NDF : 1037.3/12

In: 0.524+/-0.022 χ^2/NDF : 304.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.381+/-0.015 χ^2/NDF : 1037.3/12

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -37.357 ± 2.550 χ^2/NDF : 38.7/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -32.453 ± 2.192 χ^2/NDF : 314.9/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

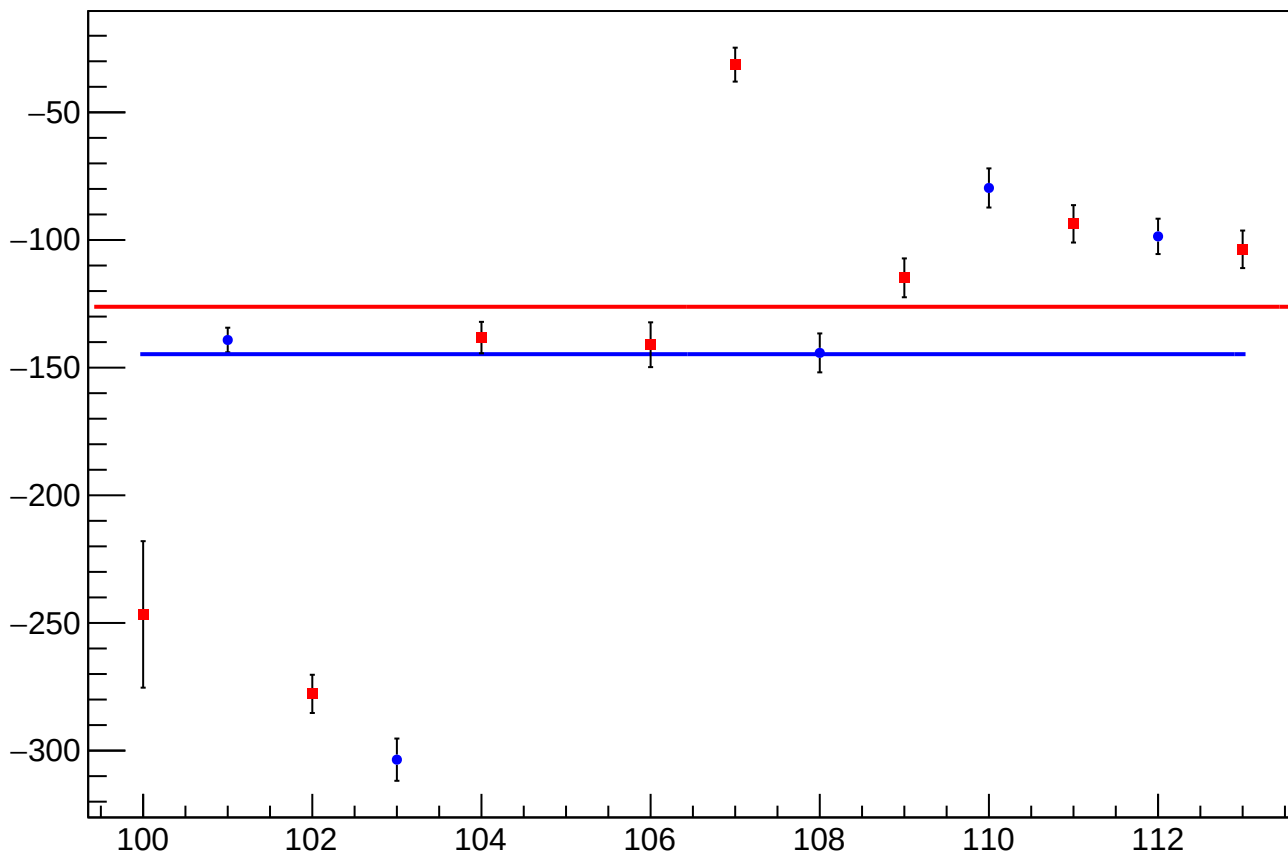
Right: -34.536 ± 1.662 χ^2/NDF : 355.8/12

In: -37.357 ± 2.550 χ^2/NDF : 38.7/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -34.536 ± 1.662 χ^2/NDF : 355.8/12

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: -126.156 ± 2.717 χ^2/NDF : 669.6/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

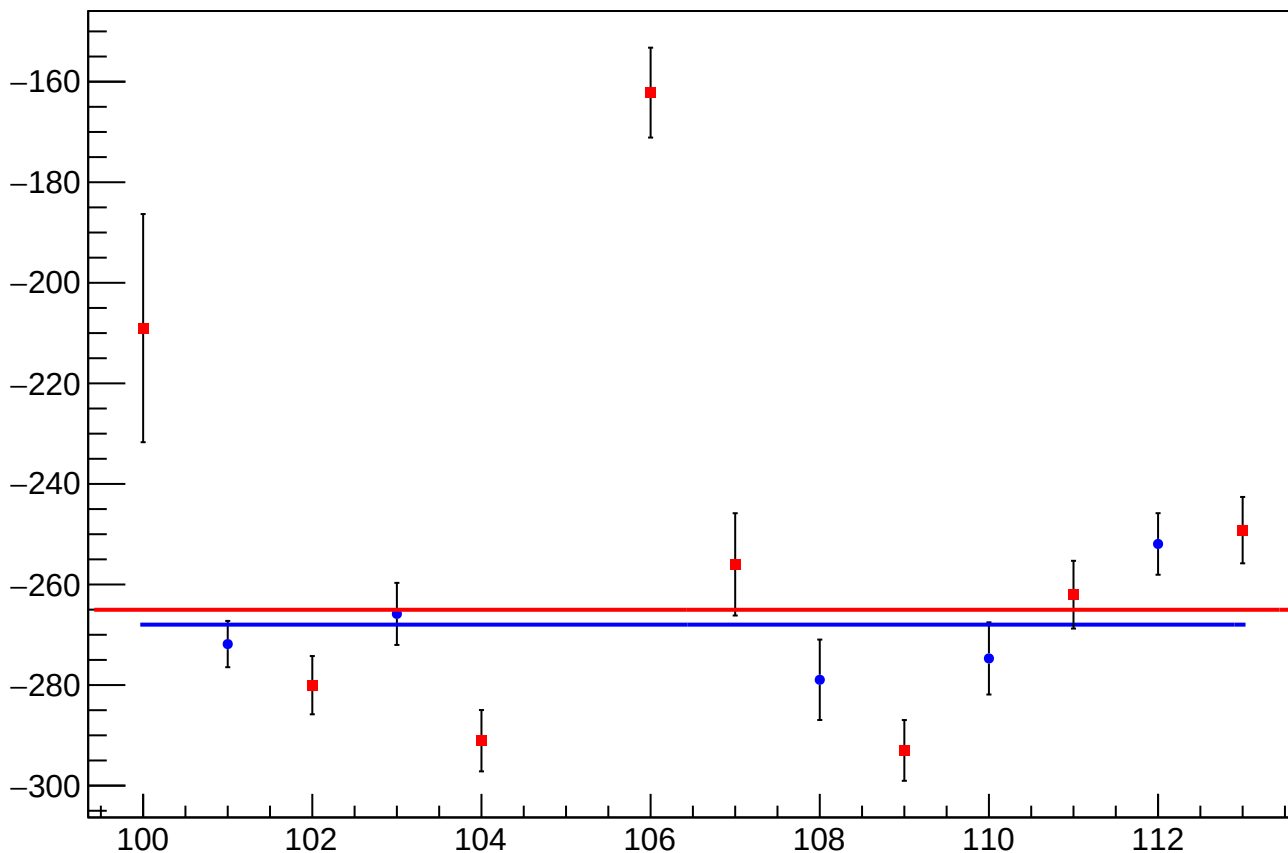
Right: -134.595 ± 2.007 χ^2/NDF : 1177.2/12

In: -144.723 ± 2.977 χ^2/NDF : 486.3/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -134.595 ± 2.007 χ^2/NDF : 1177.2/12

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: -265.027+/-2.555 χ^2/NDF : 191.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

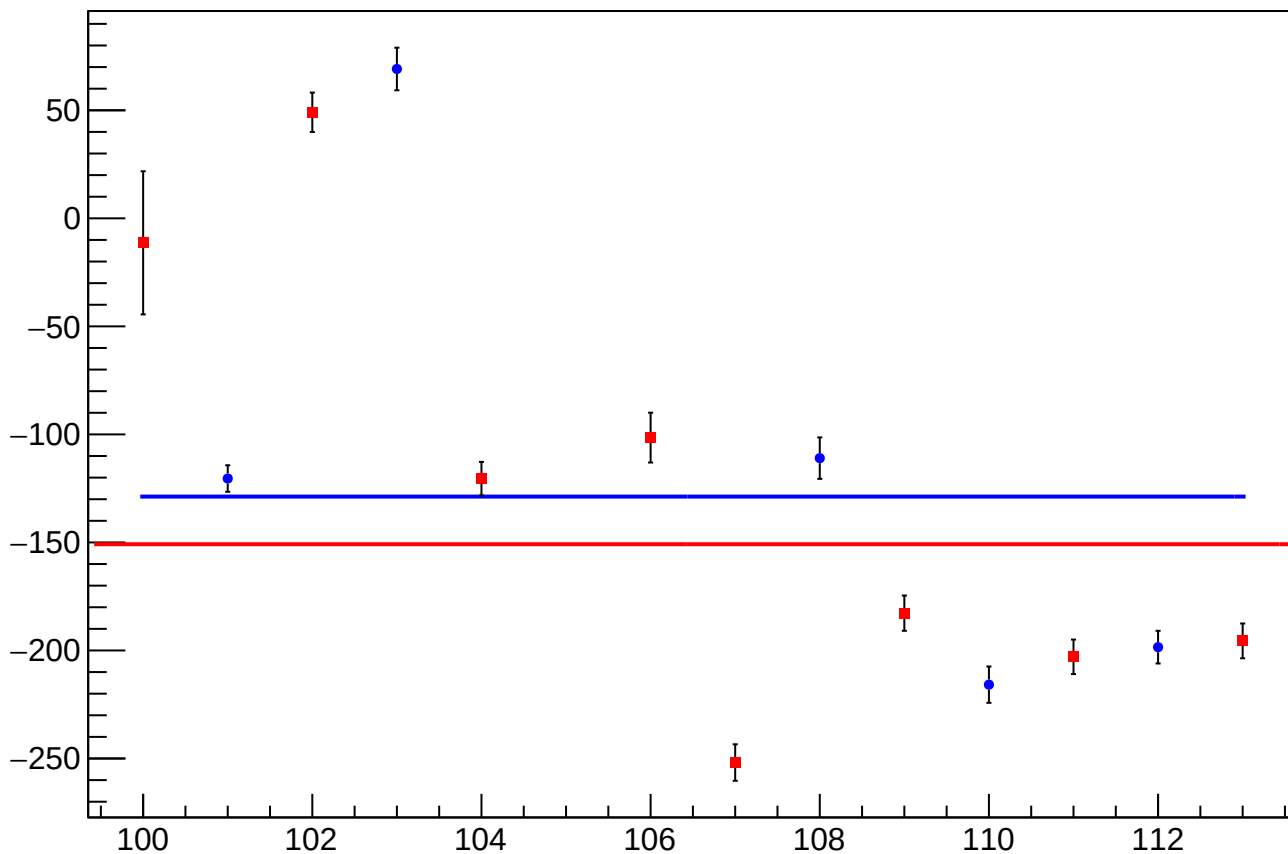
Right: -266.413+/-1.862 χ^2/NDF : 202.7/12

In: -267.983+/-2.720 χ^2/NDF : 10.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -266.413+/-1.862 χ^2/NDF : 202.7/12

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -128.778 ± 3.549 χ^2/NDF : 600.7/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -150.829 ± 3.208 χ^2/NDF : 763.4/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

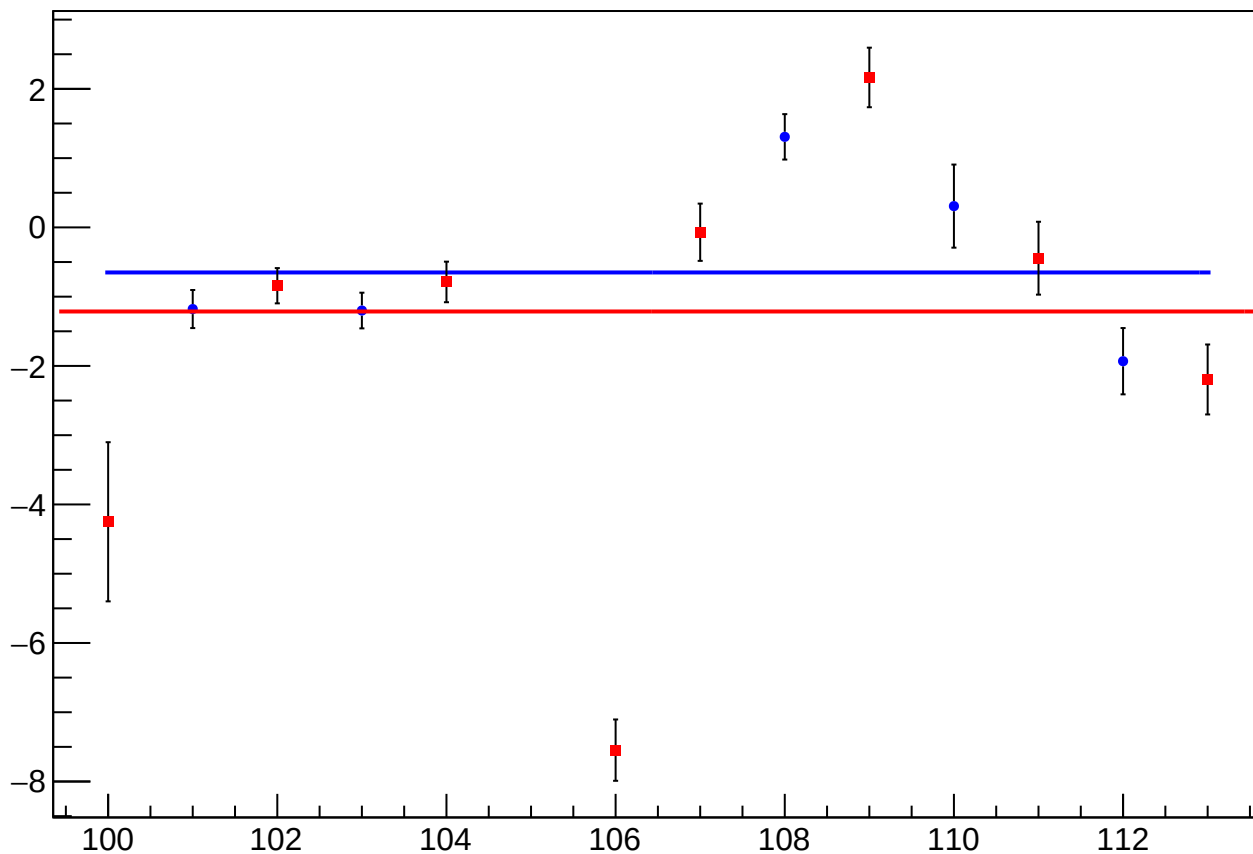
Right: -140.913 ± 2.380 χ^2/NDF : 1385.4/12

In: -128.778 ± 3.549 χ^2/NDF : 600.7/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -140.913 ± 2.380 χ^2/NDF : 1385.4/12

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: -1.214 ± 0.139 χ^2/NDF : 291.2/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

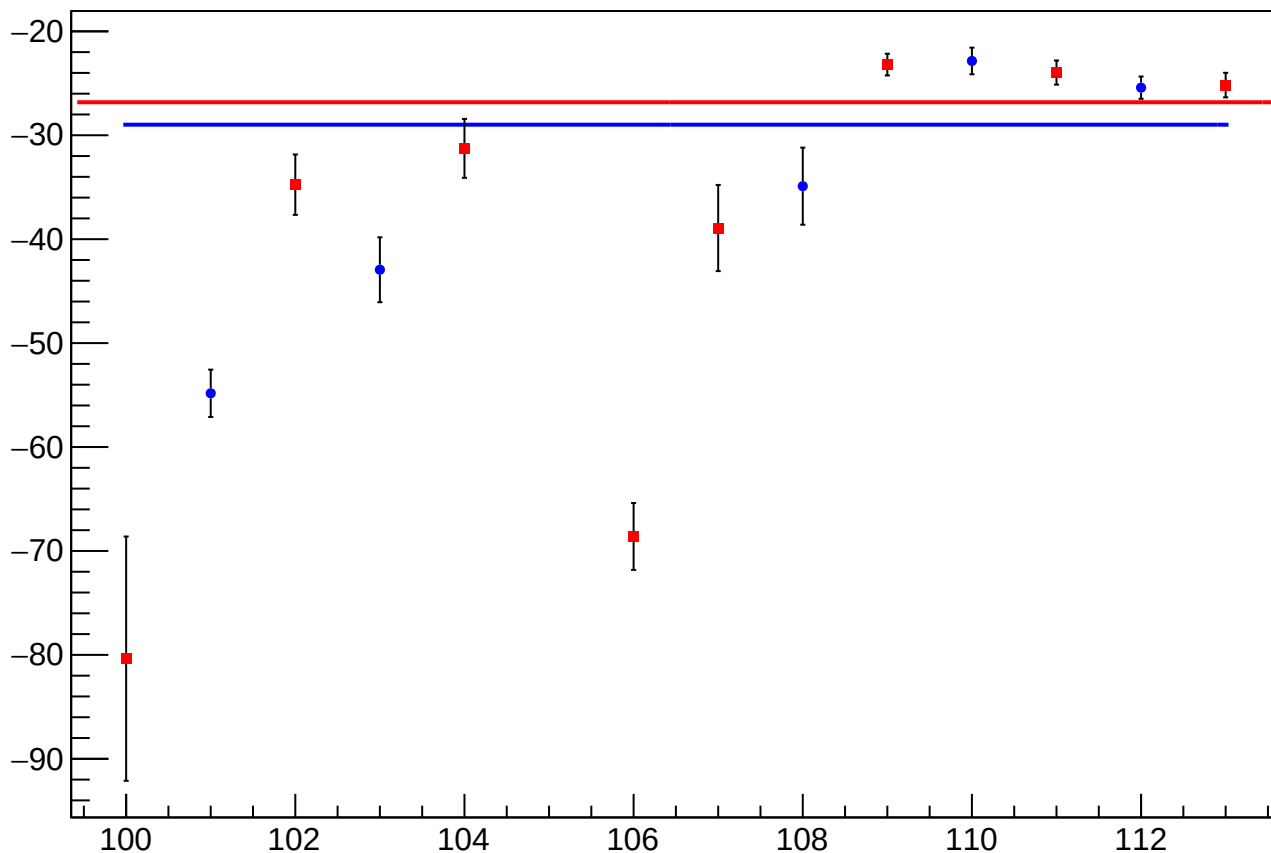
Right: -0.953 ± 0.102 χ^2/NDF : 352.4/12

In: -0.651 ± 0.149 χ^2/NDF : 53.6/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.953 ± 0.102 χ^2/NDF : 352.4/12

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -28.983 ± 0.736 χ^2/NDF : 185.3/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -26.823 ± 0.600 χ^2/NDF : 227.7/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

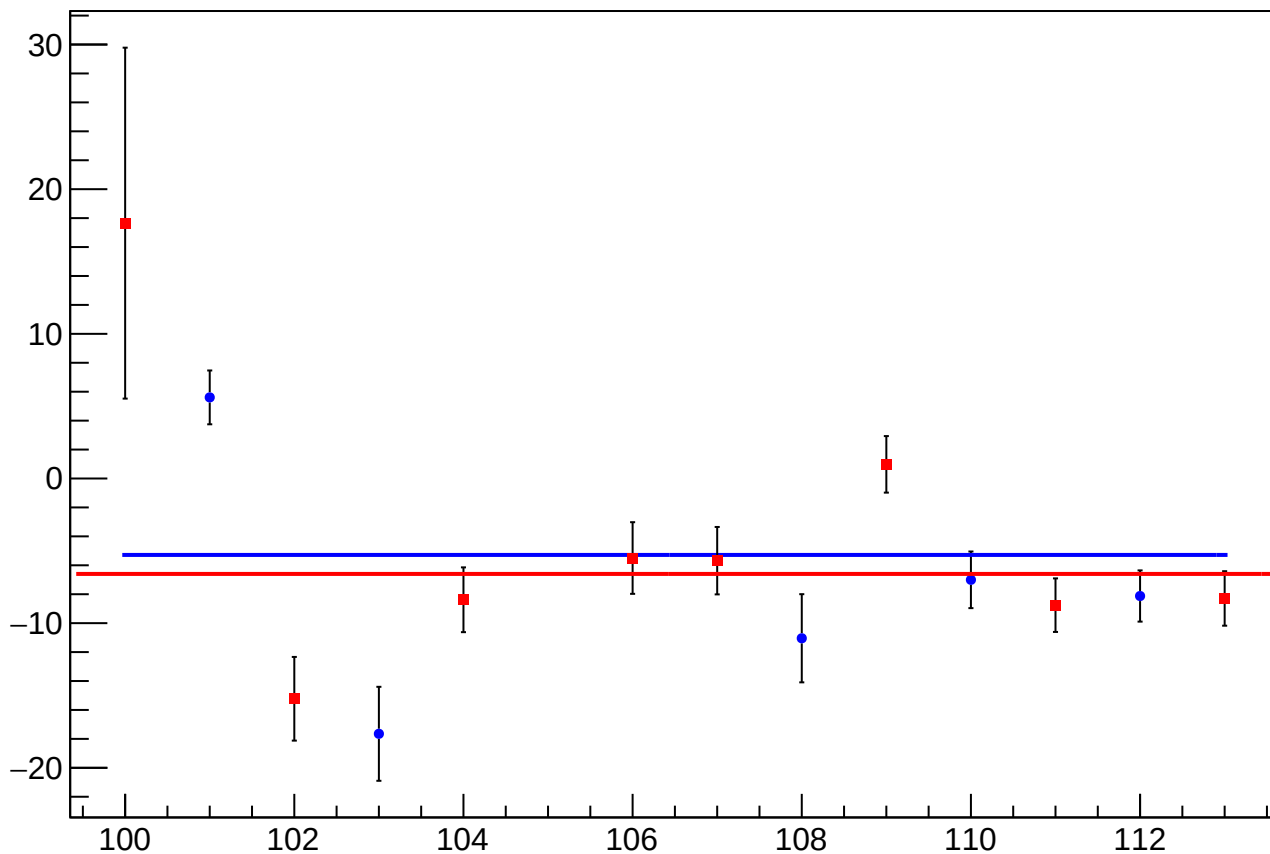
Right: -27.686 ± 0.465 χ^2/NDF : 418.2/12

In: -28.983 ± 0.736 χ^2/NDF : 185.3/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -27.686 ± 0.465 χ^2/NDF : 418.2/12

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: -6.597+/-0.814 χ^2/NDF : 31.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

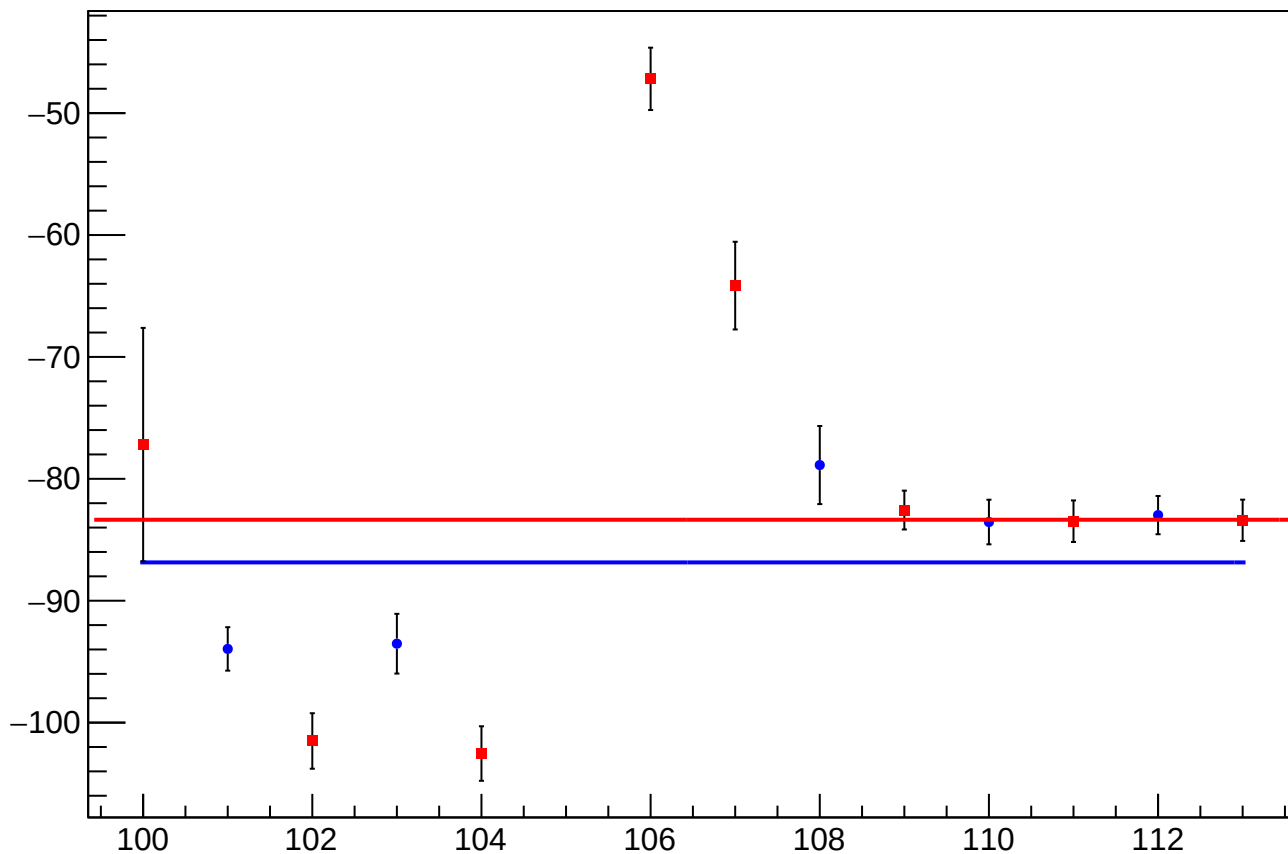
Right: -6.051+/-0.623 χ^2/NDF : 87.8/12

In: -5.283+/-0.966 χ^2/NDF :55.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.051+/-0.623 χ^2/NDF : 87.8/12

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: -83.358 $\pm$ 0.762 χ^2/NDF : 366.2/7

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

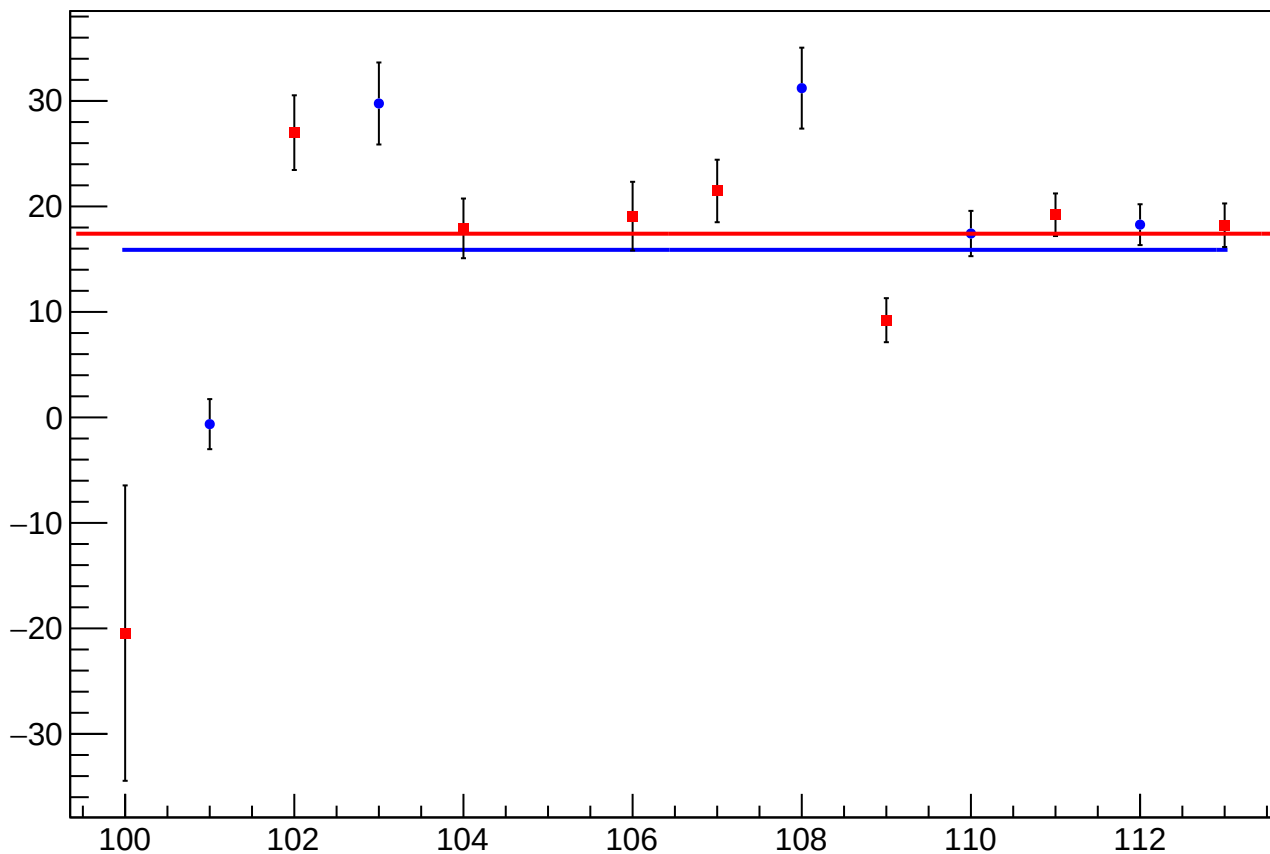
Right: -84.852 $\pm$ 0.577 χ^2/NDF : 414.1/12

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: -84.852 $\pm$ 0.577 χ^2/NDF : 414.1/12

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: 17.415 $\pm$ 0.942 χ^2 /NDF: 33.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

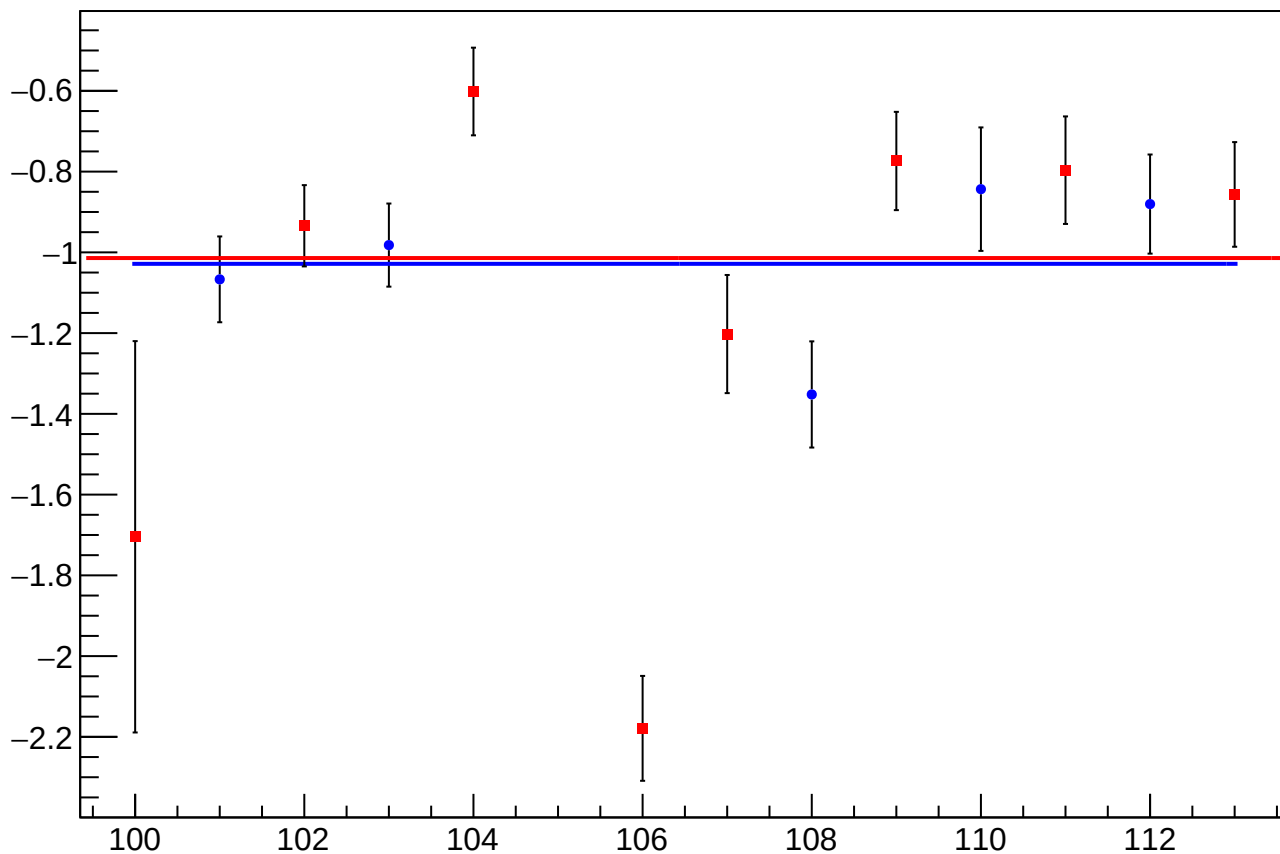
Right: 16.782 $\pm$ 0.721 χ^2 /NDF: 113.5/12

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: 16.782 $\pm$ 0.721 χ^2 /NDF: 113.5/12

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: -1.014+/-0.046 χ^2/NDF : 107.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

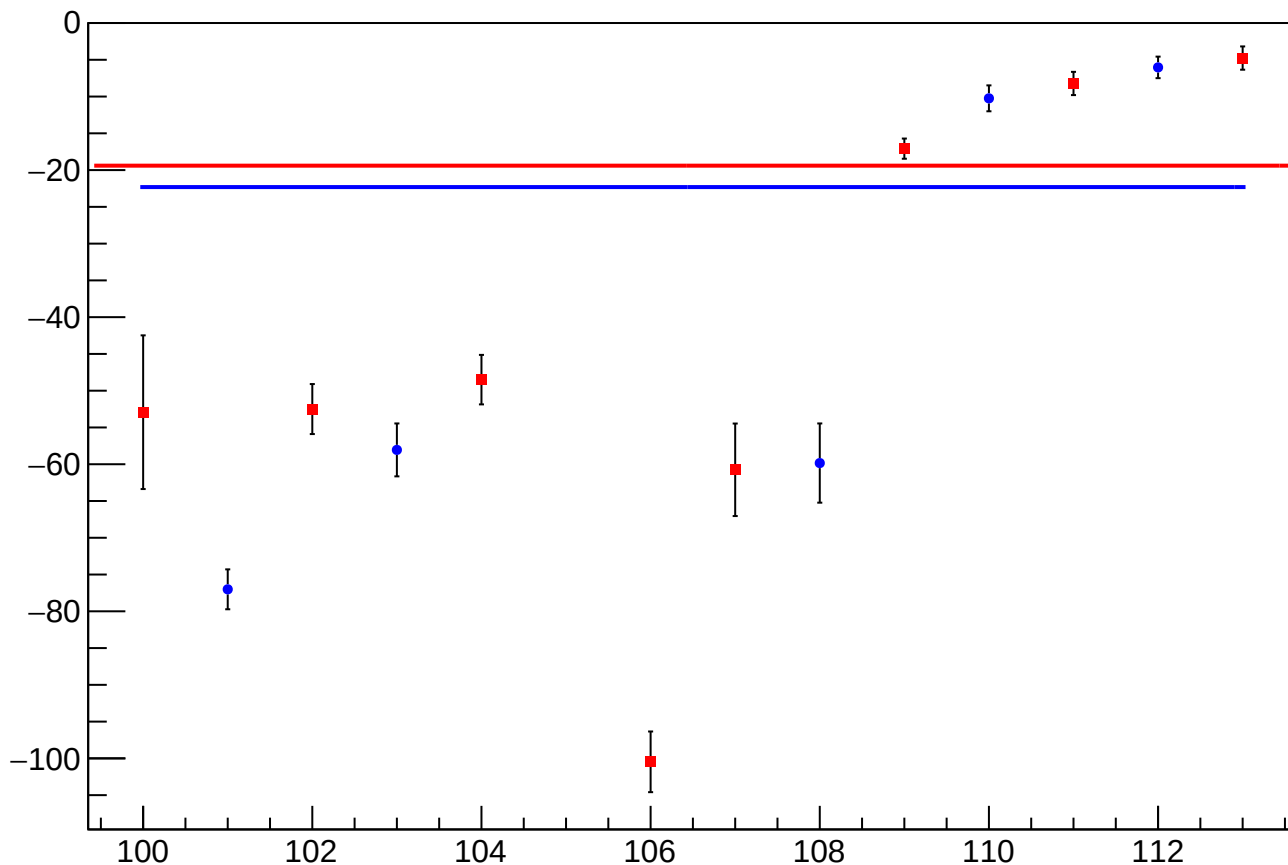
Right: -1.020+/-0.035 χ^2/NDF : 116.6/12

In: -1.028+/-0.053 χ^2/NDF : 9.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.020+/-0.035 χ^2/NDF : 116.6/12

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: -19.398+/-0.791 χ^2/NDF : 747.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

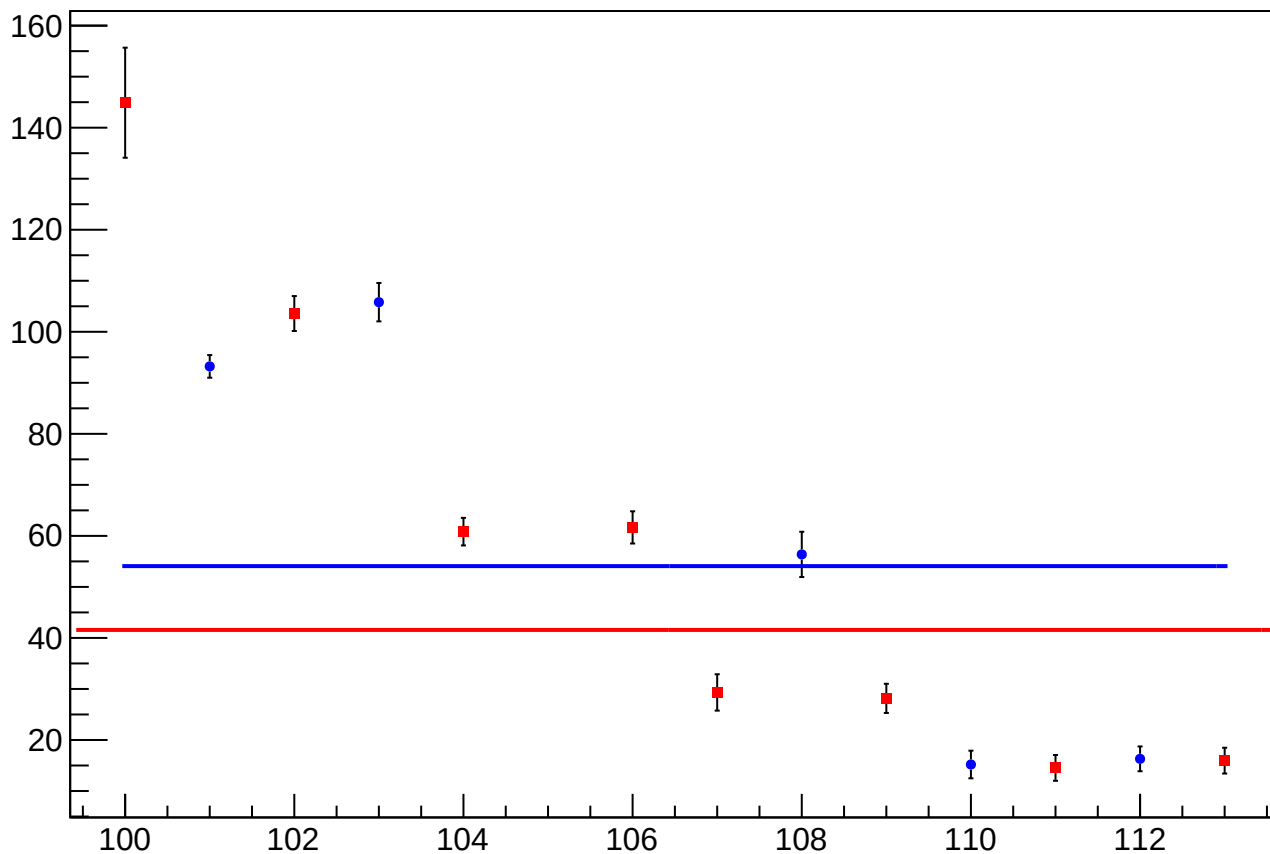
Right: -20.544+/-0.616 χ^2/NDF : 1476.9/12

In: -22.310+/-0.982 χ^2/NDF : 724.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.544+/-0.616 χ^2/NDF : 1476.9/12

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: 41.568+/-1.088 χ^2/NDF : 762.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

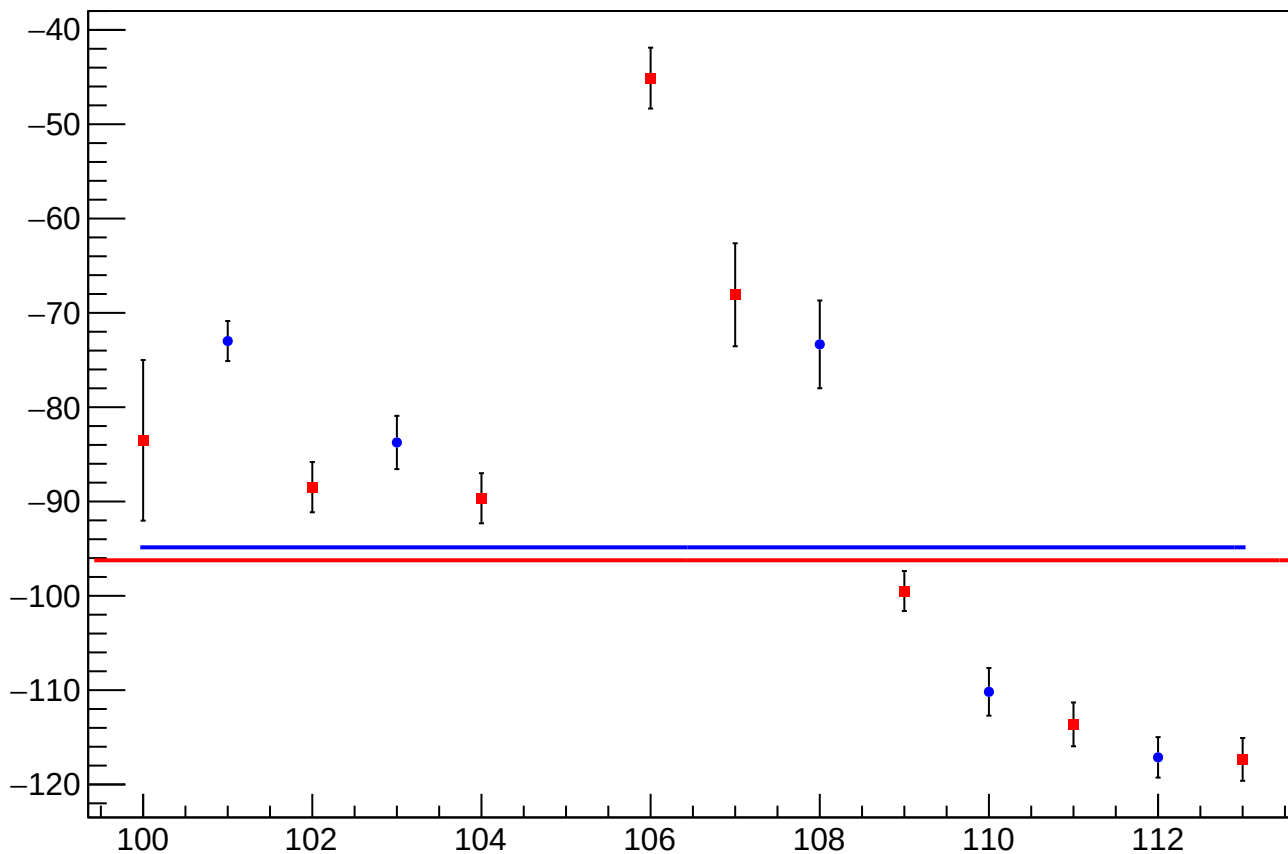
Right: 46.912+/-0.823 χ^2/NDF : 1767.2/12

In: 54.075+/-1.259 χ^2/NDF : 948.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.912+/-0.823 χ^2/NDF : 1767.2/12

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: -96.234 $\pm$ 0.986 χ^2 /NDF: 439.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

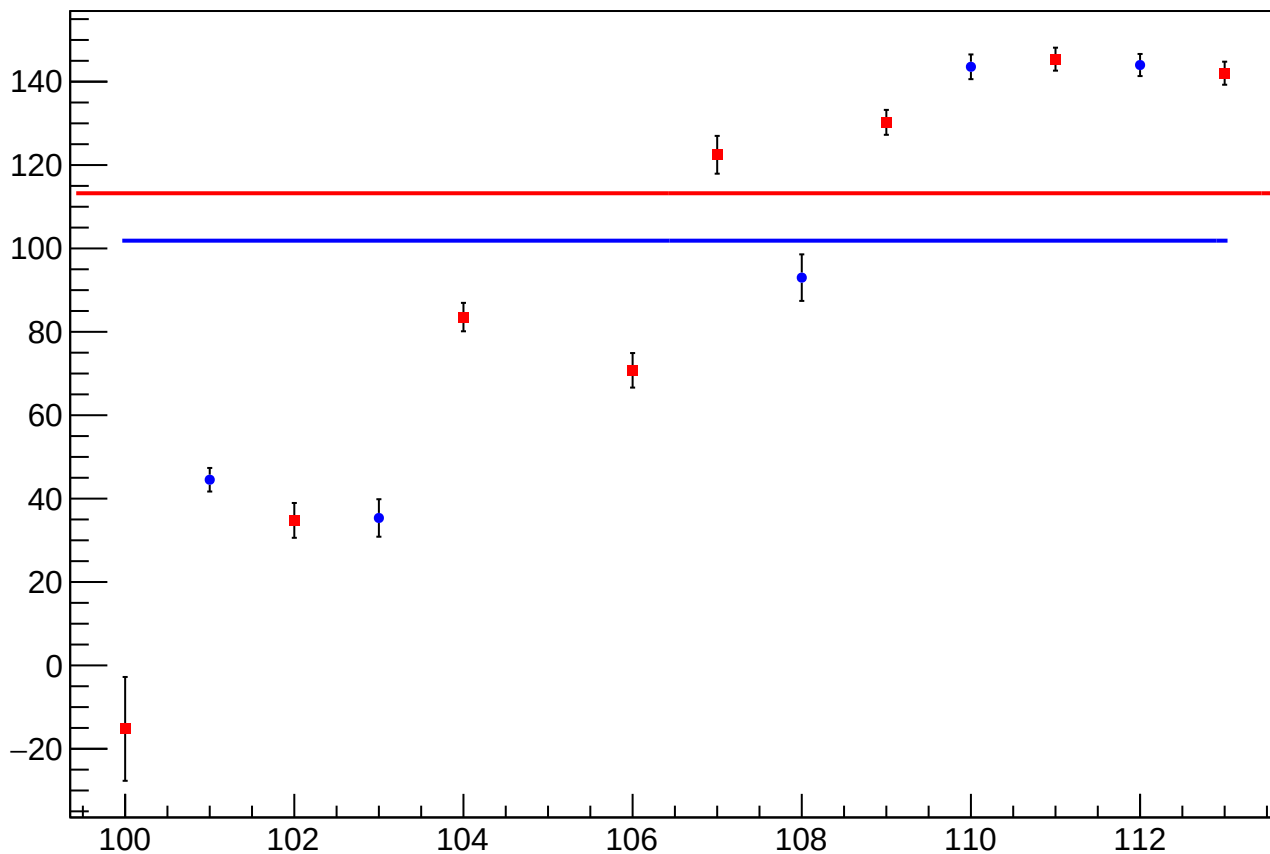
Right: -95.646 $\pm$ 0.746 χ^2 /NDF: 727.6/12

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: -95.646 $\pm$ 0.746 χ^2 /NDF: 727.6/12

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 101.864+/-1.470 χ^2/NDF : 1082.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.236+/-1.259 χ^2/NDF : 921.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

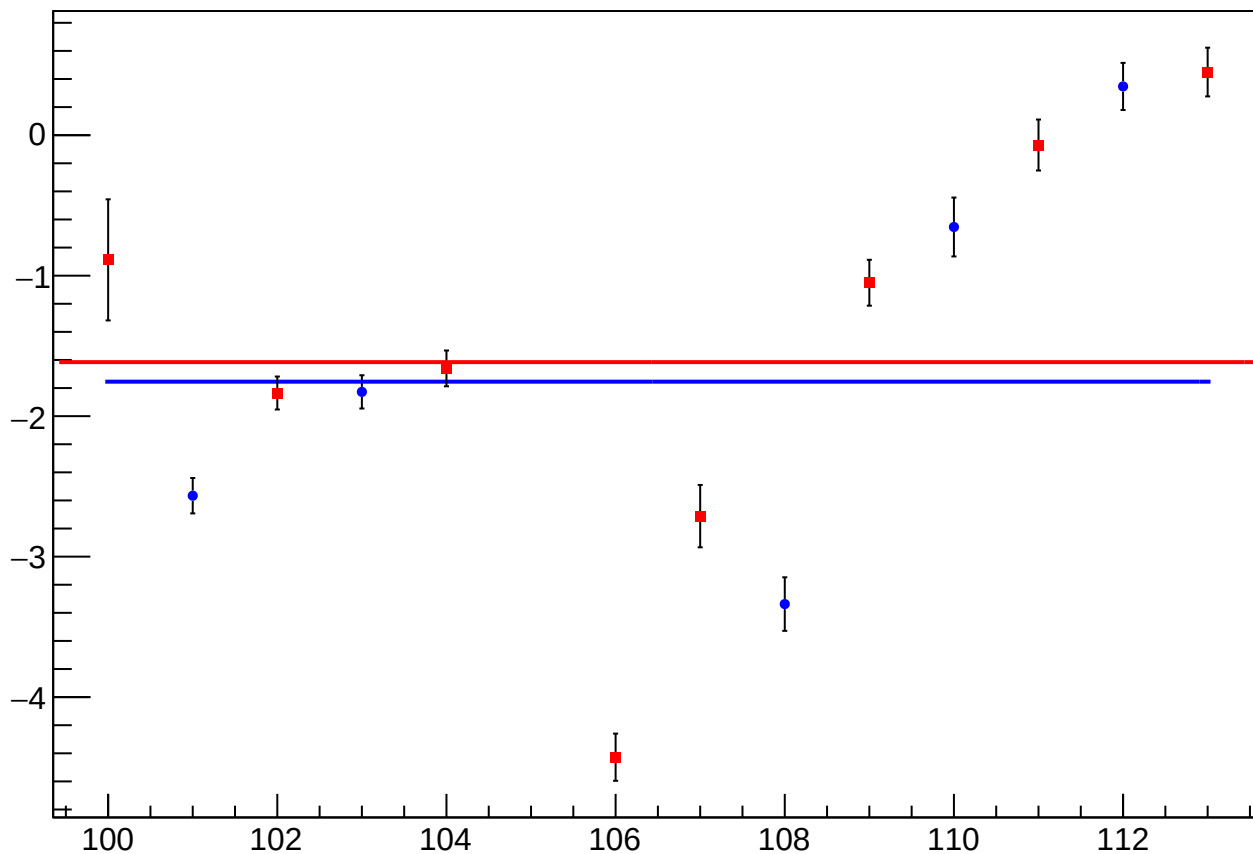
Right: 108.426+/-0.956 χ^2/NDF : 2038.9/12

In: 101.864+/-1.470 χ^2/NDF : 1082.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.426+/-0.956 χ^2/NDF : 2038.9/12

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: -1.615 ± 0.058 χ^2/NDF : 537.6/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

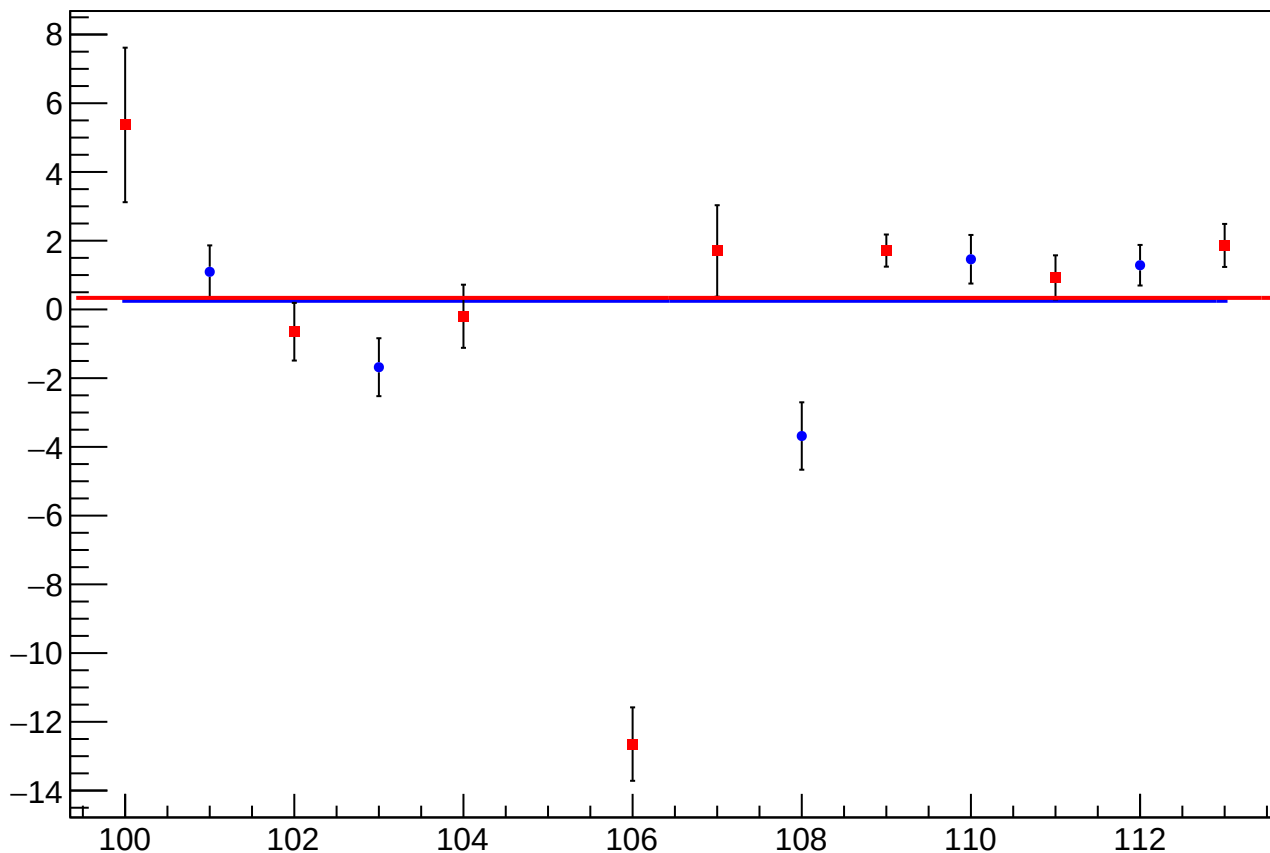
Right: -1.675 ± 0.044 χ^2/NDF : 835.6/12

In: -1.755 ± 0.067 χ^2/NDF : 295.6/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.675 ± 0.044 χ^2/NDF : 835.6/12

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: 0.336+/-0.269 χ^2/NDF : 170.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

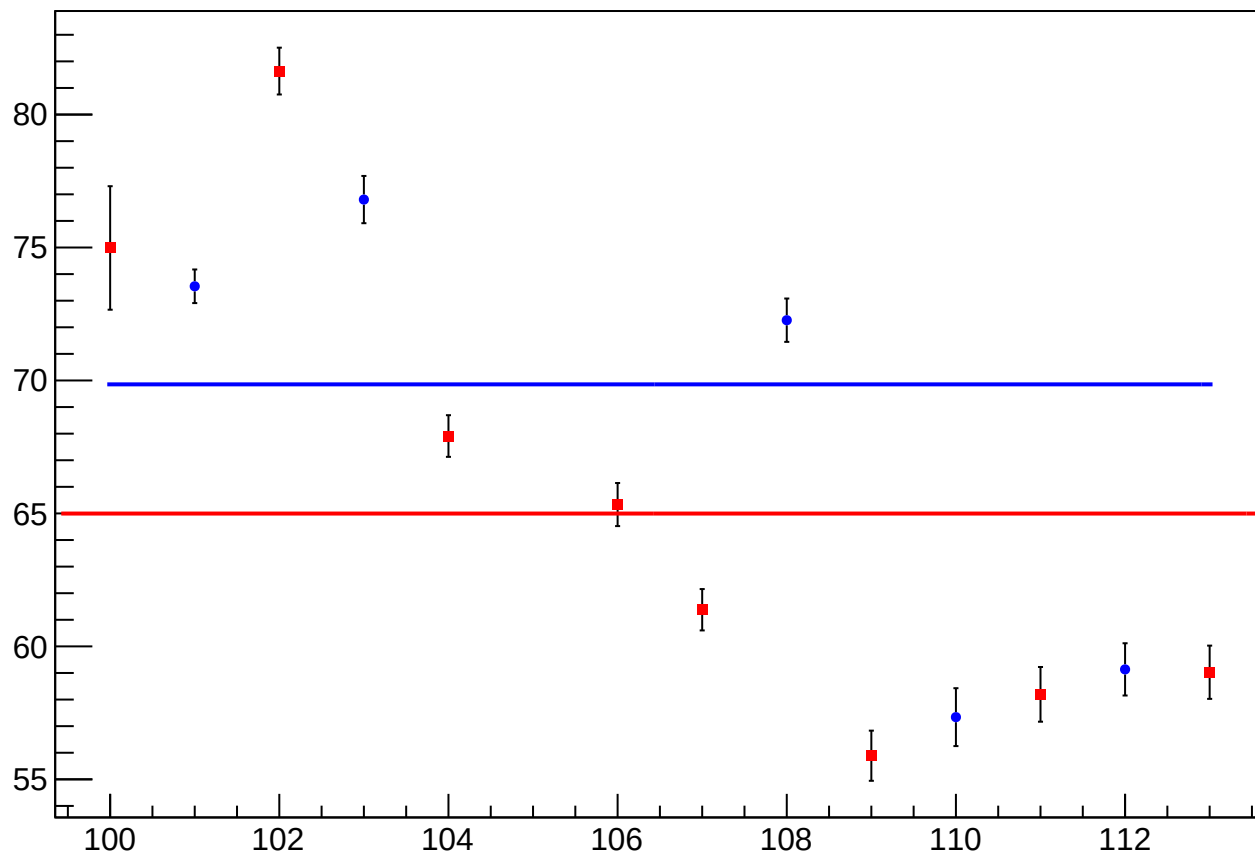
Right: 0.302+/-0.209 χ^2/NDF : 199.5/12

In: 0.251+/-0.333 χ^2/NDF : 28.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.302+/-0.209 χ^2/NDF : 199.5/12

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 69.854+/-0.374 χ^2/NDF : 355.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.995+/-0.327 χ^2/NDF : 584.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

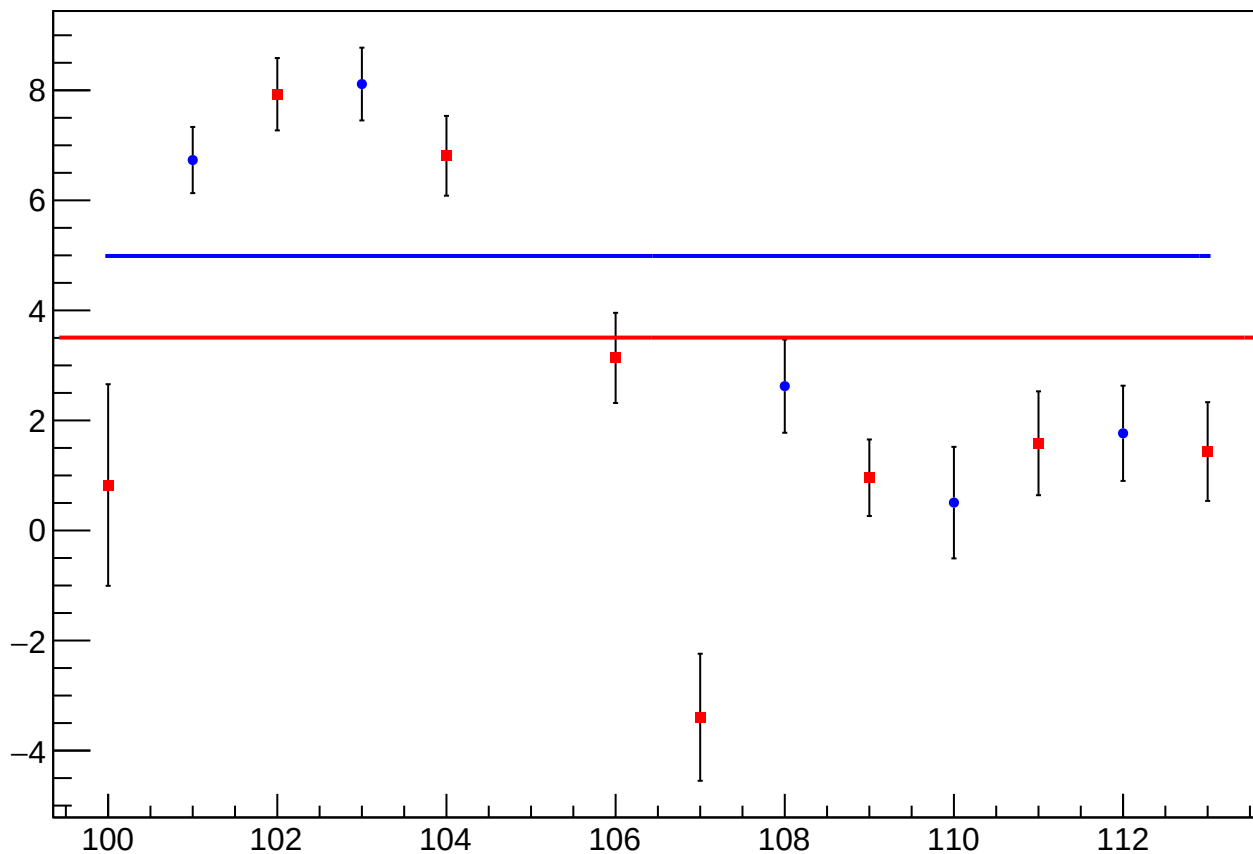
Right: 67.102+/-0.246 χ^2/NDF : 1034.9/12

In: 69.854+/-0.374 χ^2/NDF : 355.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.102+/-0.246 χ^2/NDF : 1034.9/12

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: 3.506+/-0.299 χ^2/NDF : 127.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

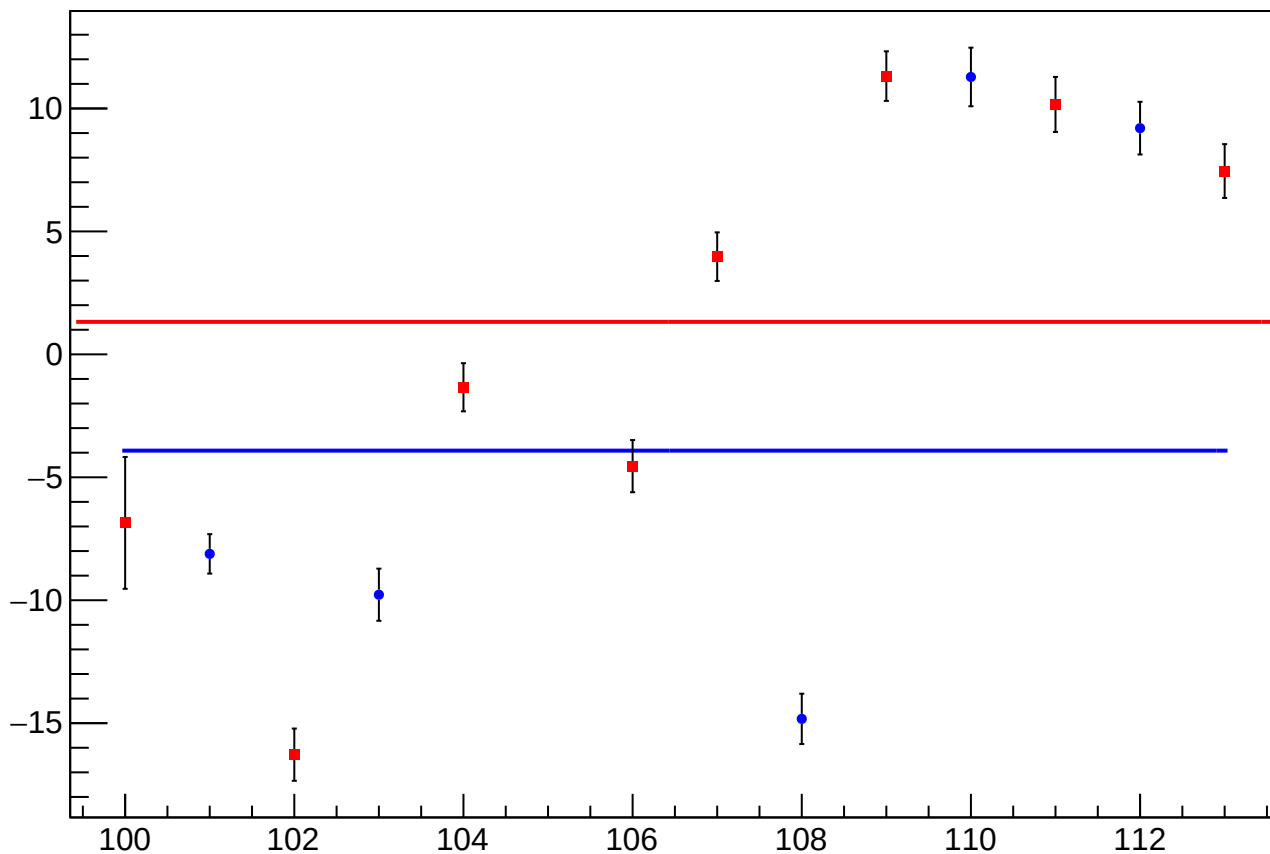
Right: 4.157+/-0.224 χ^2/NDF : 209.7/12

In: 4.989+/-0.338 χ^2/NDF : 71.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.157+/-0.224 χ^2/NDF : 209.7/12

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: 1.322+/-0.389 χ^2/NDF : 521.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

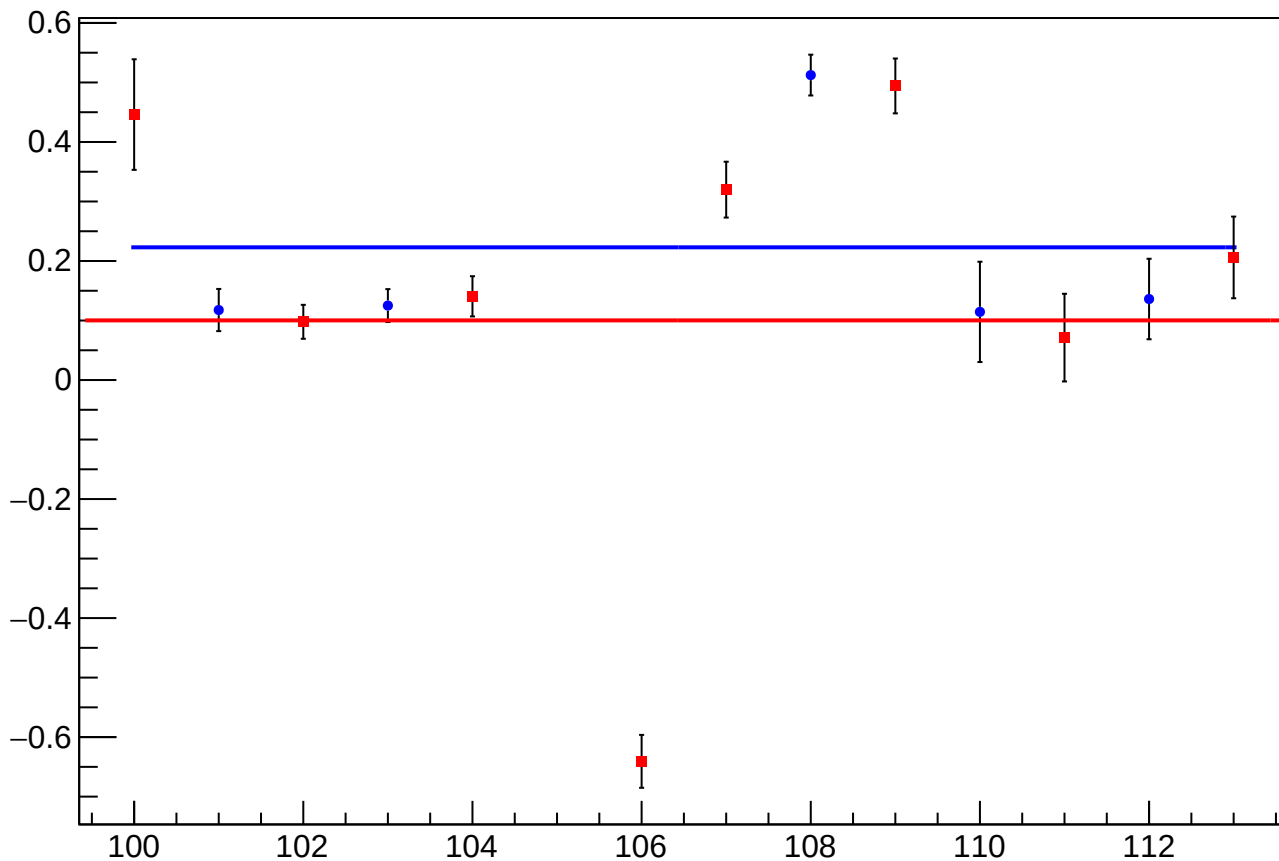
Right: -0.929+/-0.294 χ^2/NDF : 1082.8/12

In: -3.916+/-0.448 χ^2/NDF : 484.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.929+/-0.294 χ^2/NDF : 1082.8/12

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: 0.100+/-0.016 χ^2/NDF : 390.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

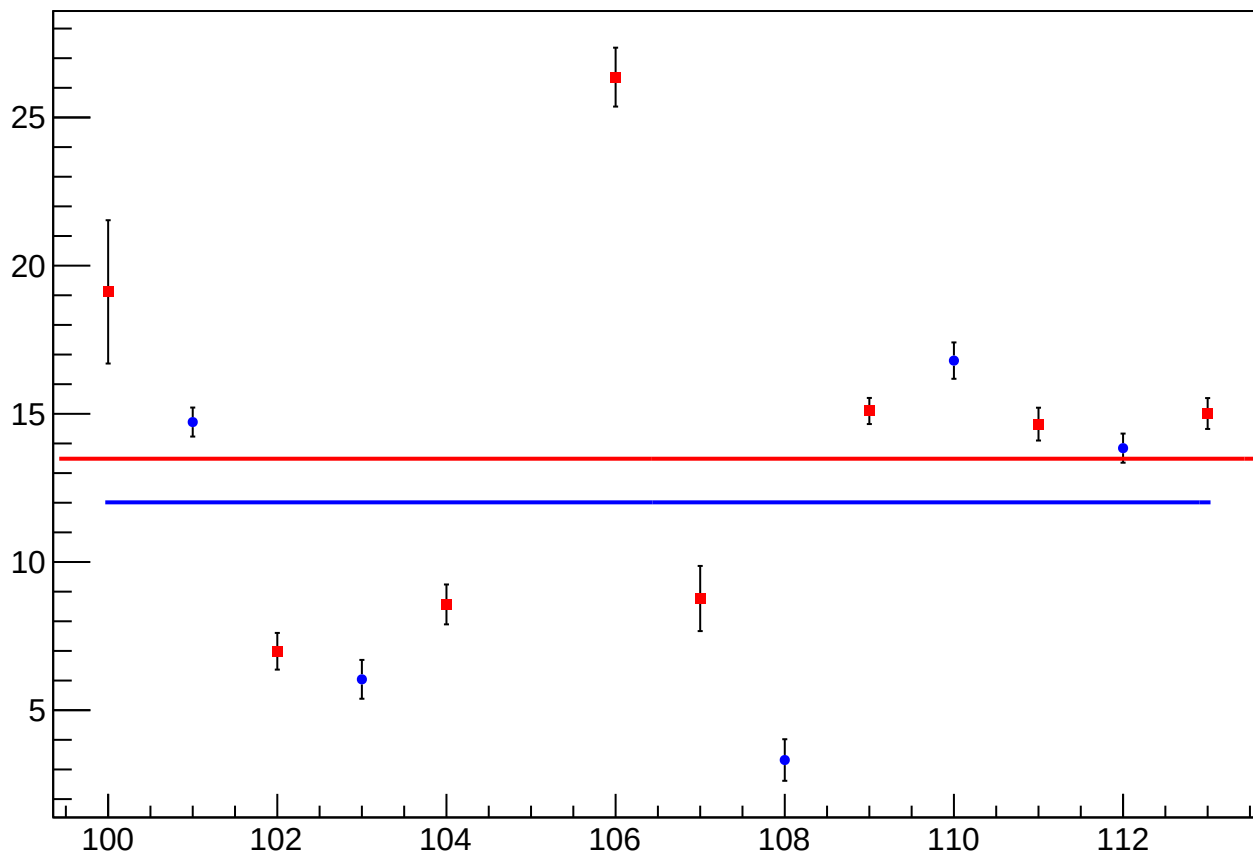
Right: 0.155+/-0.012 χ^2/NDF : 514.1/12

In: 0.223+/-0.017 χ^2/NDF : 95.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.155+/-0.012 χ^2/NDF : 514.1/12

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 12.013+/-0.255 χ^2/NDF : 342.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.485+/-0.230 χ^2/NDF : 381.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

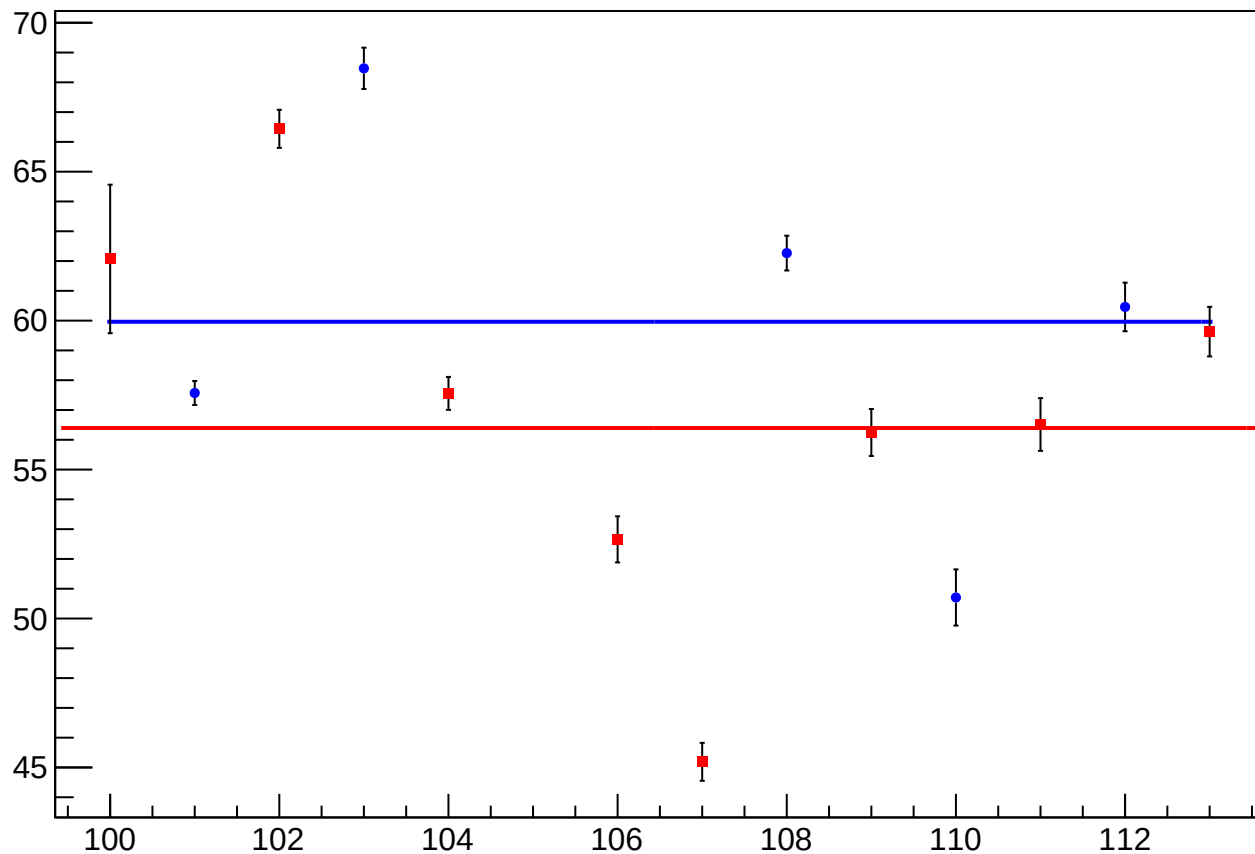
Right: 12.826+/-0.171 χ^2/NDF : 742.1/12

In: 12.013+/-0.255 χ^2/NDF : 342.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.826+/-0.171 χ^2/NDF : 742.1/12

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: 56.395 $\pm$ 0.264 χ^2 /NDF: 604.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

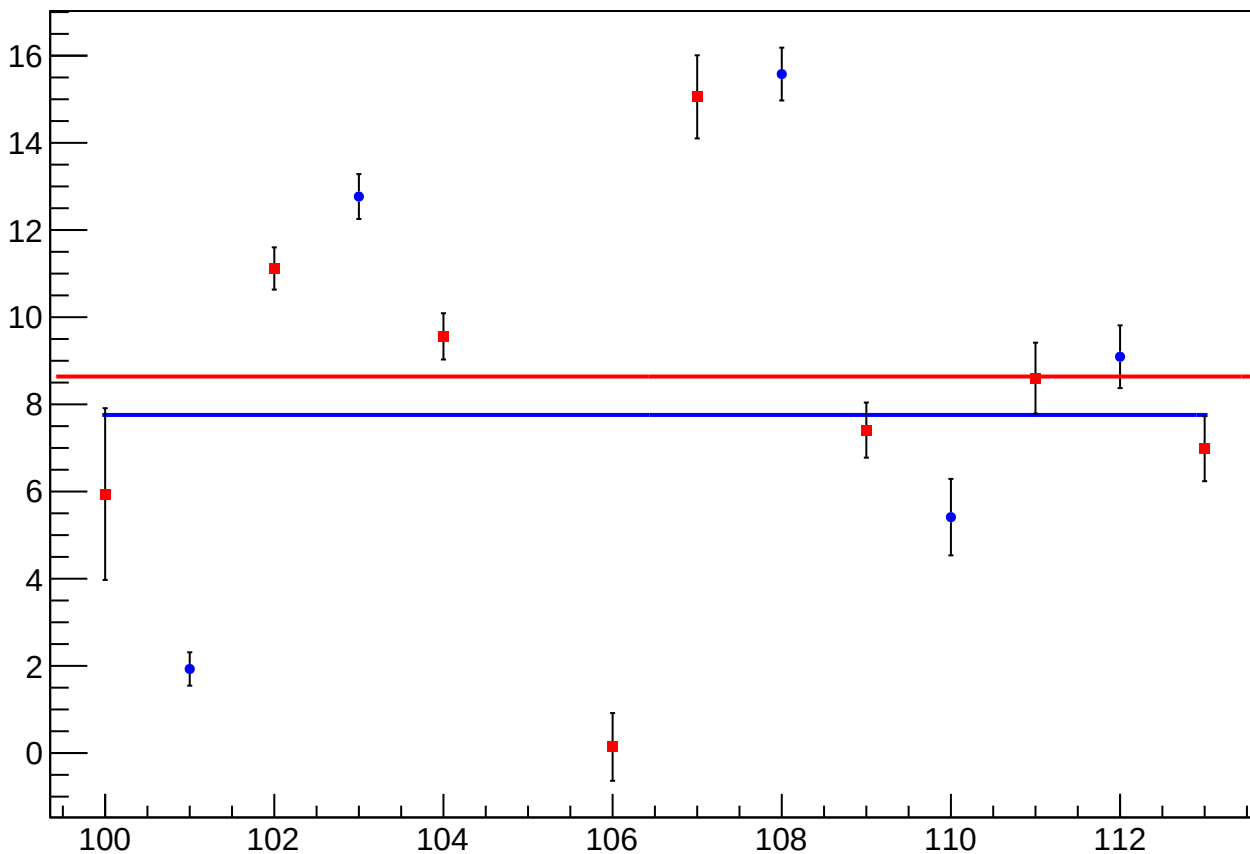
Right: 58.147 $\pm$ 0.188 χ^2 /NDF: 992.3/12

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: 58.147 $\pm$ 0.188 χ^2 /NDF: 992.3/12

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.757 $\pm$ 0.246 χ^2 /NDF: 504.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 8.639 $\pm$ 0.245 χ^2 /NDF: 204.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

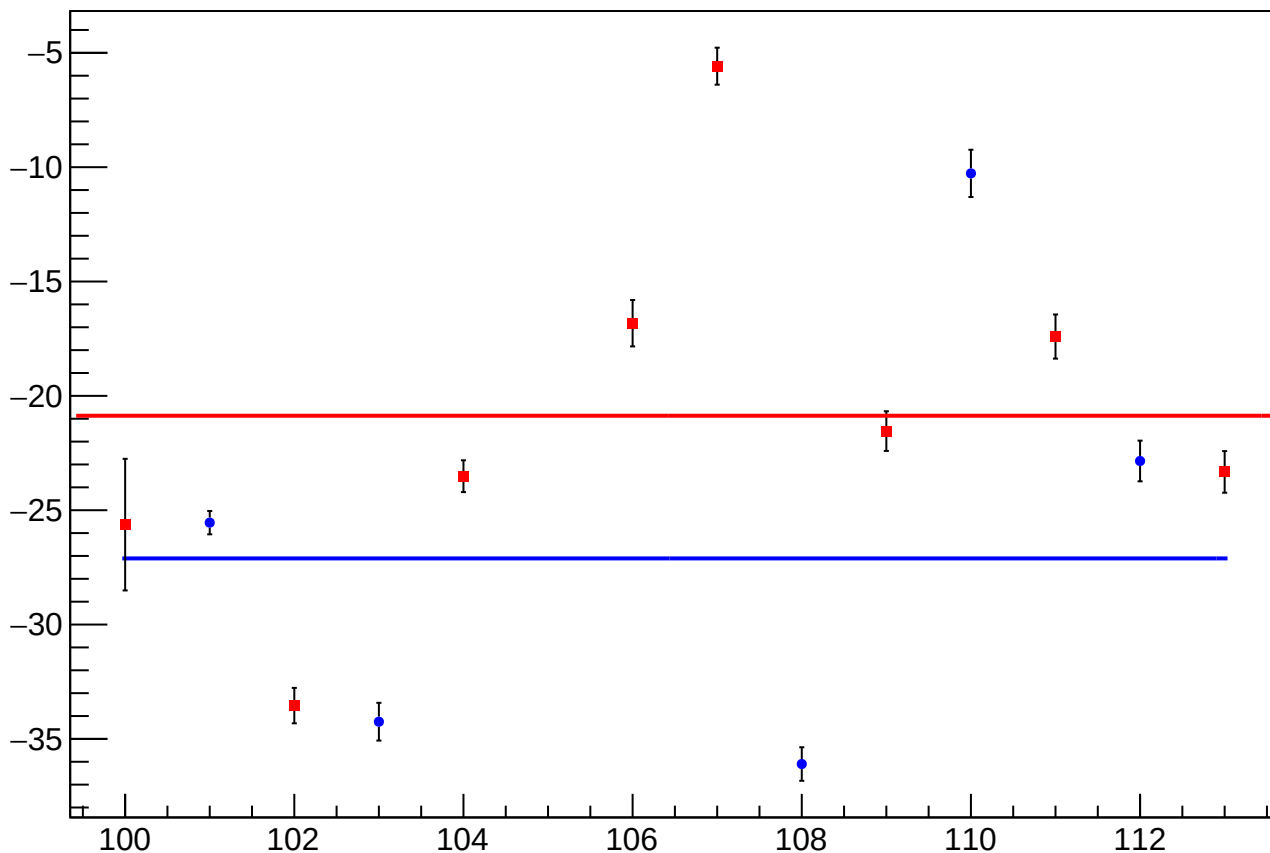
Right: 8.199 $\pm$ 0.174 χ^2 /NDF: 715.1/12

In: 7.757 $\pm$ 0.246 χ^2 /NDF:504.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 8.199 $\pm$ 0.174 χ^2 /NDF: 715.1/12

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: -20.869+/-0.317 χ^2/NDF : 678.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

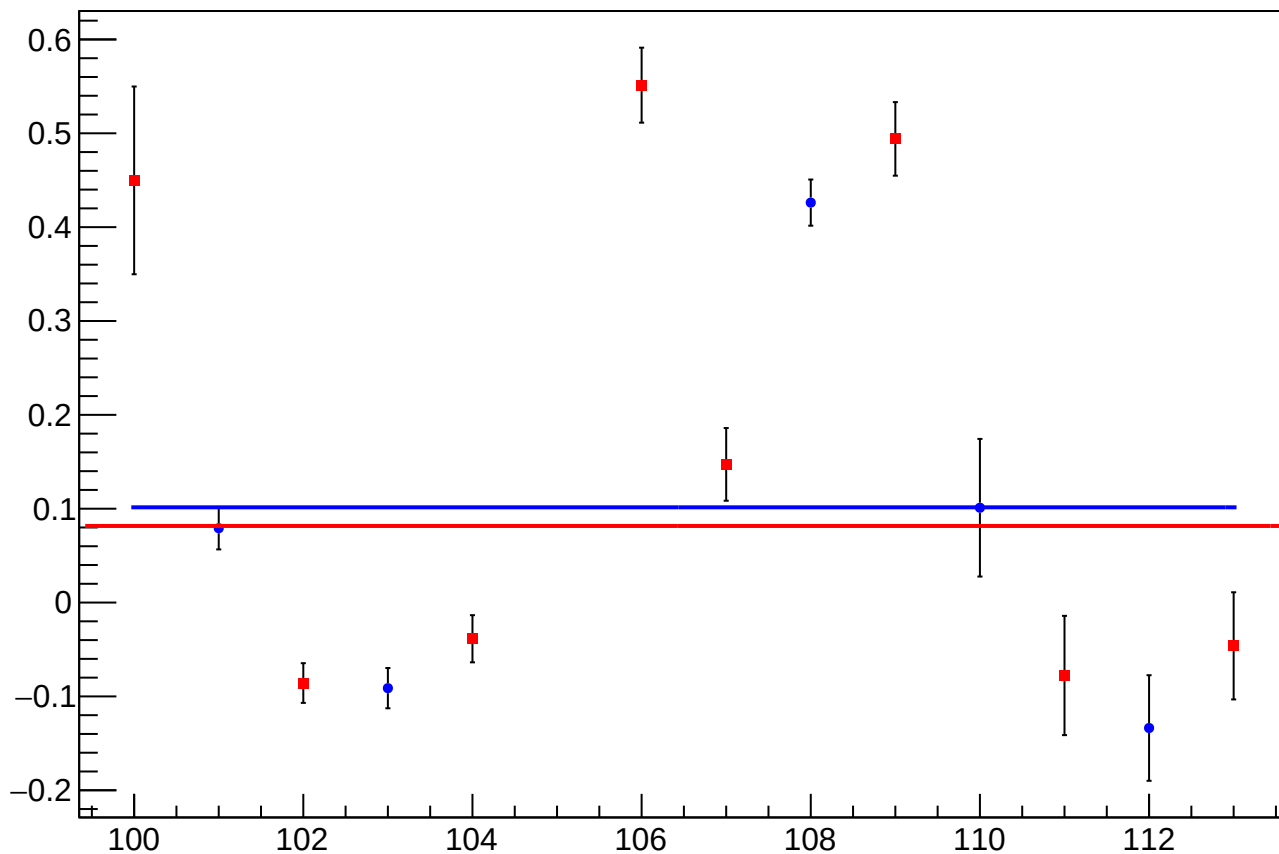
Right: -23.893+/-0.227 χ^2/NDF : 1389.6/12

In: -27.108+/-0.327 χ^2/NDF : 522.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.893+/-0.227 χ^2/NDF : 1389.6/12

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: 0.082 $\pm$ 0.012 χ^2 /NDF: 362.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

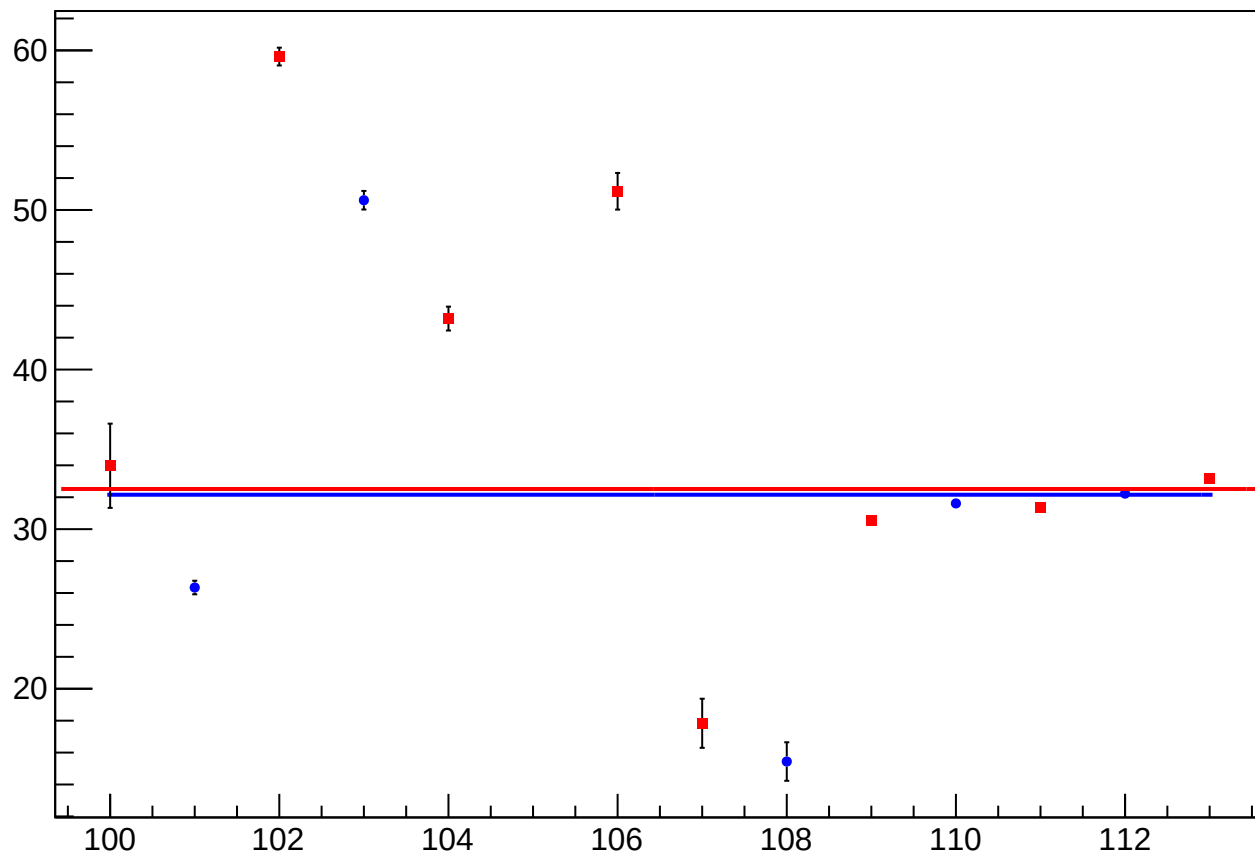
Right: 0.091 $\pm$ 0.009 χ^2 /NDF: 636.8/12

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: 0.091 $\pm$ 0.009 χ^2 /NDF: 636.8/12

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: 32.517+/-0.091 χ^2/NDF : 3169.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

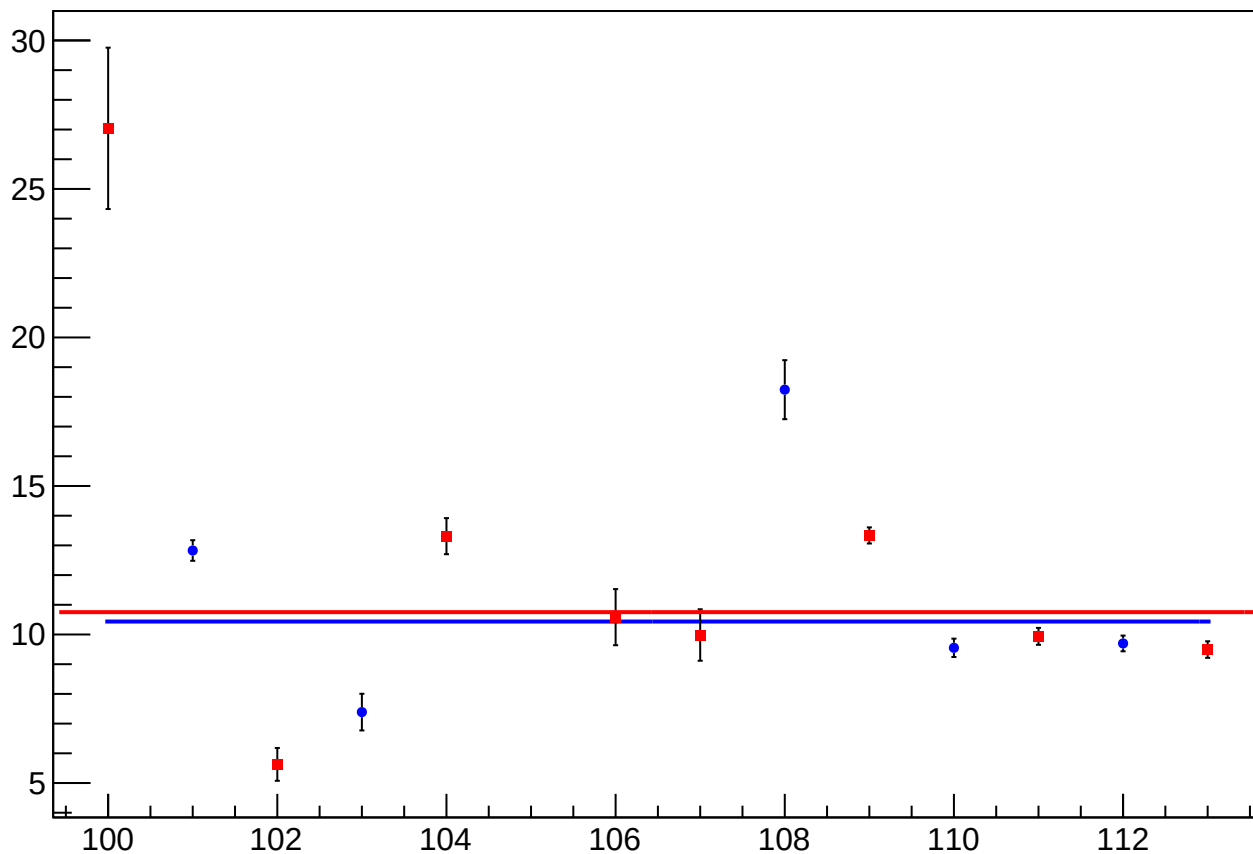
Right: 32.382+/-0.072 χ^2/NDF : 4566.5/12

In: 32.157+/-0.117 χ^2/NDF :1391.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 32.382+/-0.072 χ^2/NDF : 4566.5/12

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.436+/-0.165 χ^2/NDF : 149.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.753+/-0.145 χ^2/NDF : 259.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

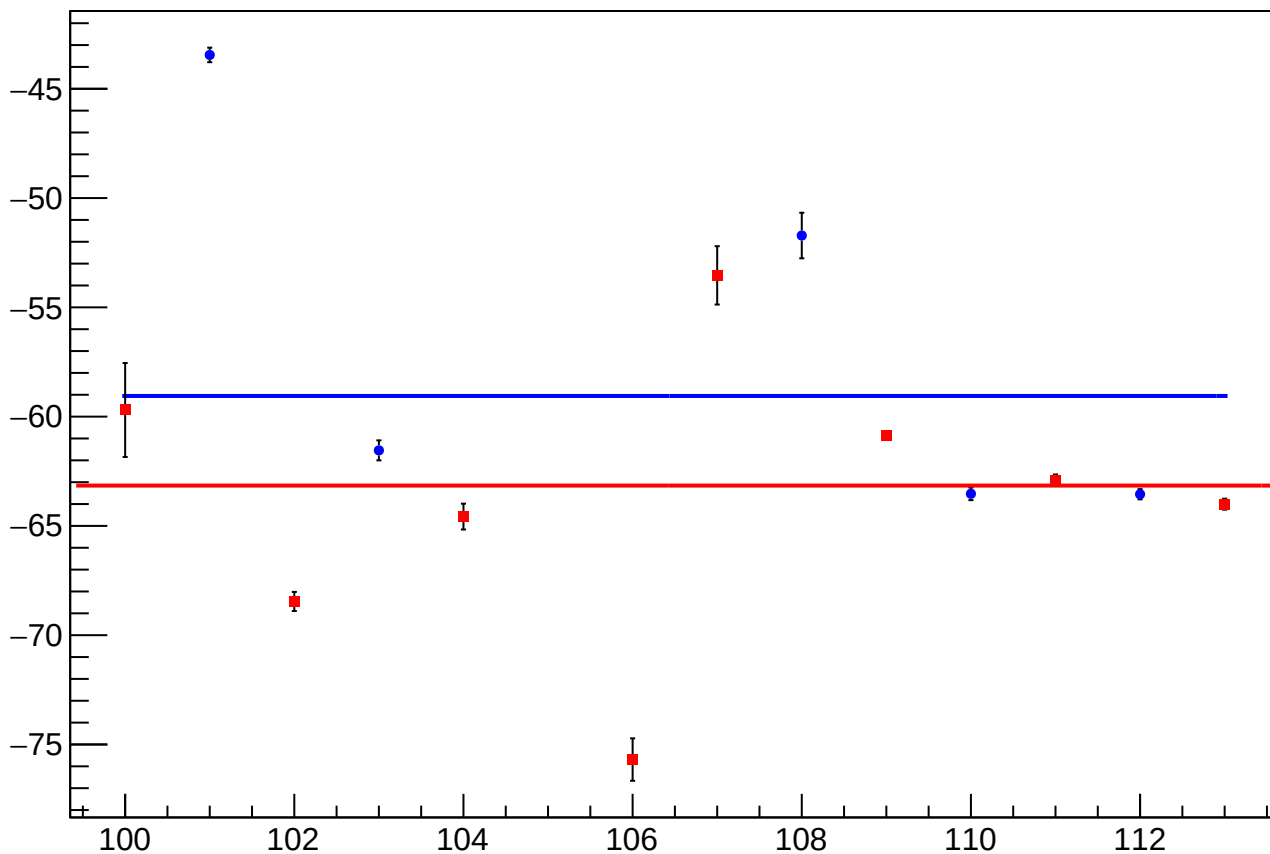
Right: 10.614+/-0.109 χ^2/NDF : 411.5/12

In: 10.436+/-0.165 χ^2/NDF : 149.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.614+/-0.109 χ^2/NDF : 411.5/12

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.054 ± 0.149 χ^2/NDF : 2890.9/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -63.155 ± 0.127 χ^2/NDF : 499.8/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

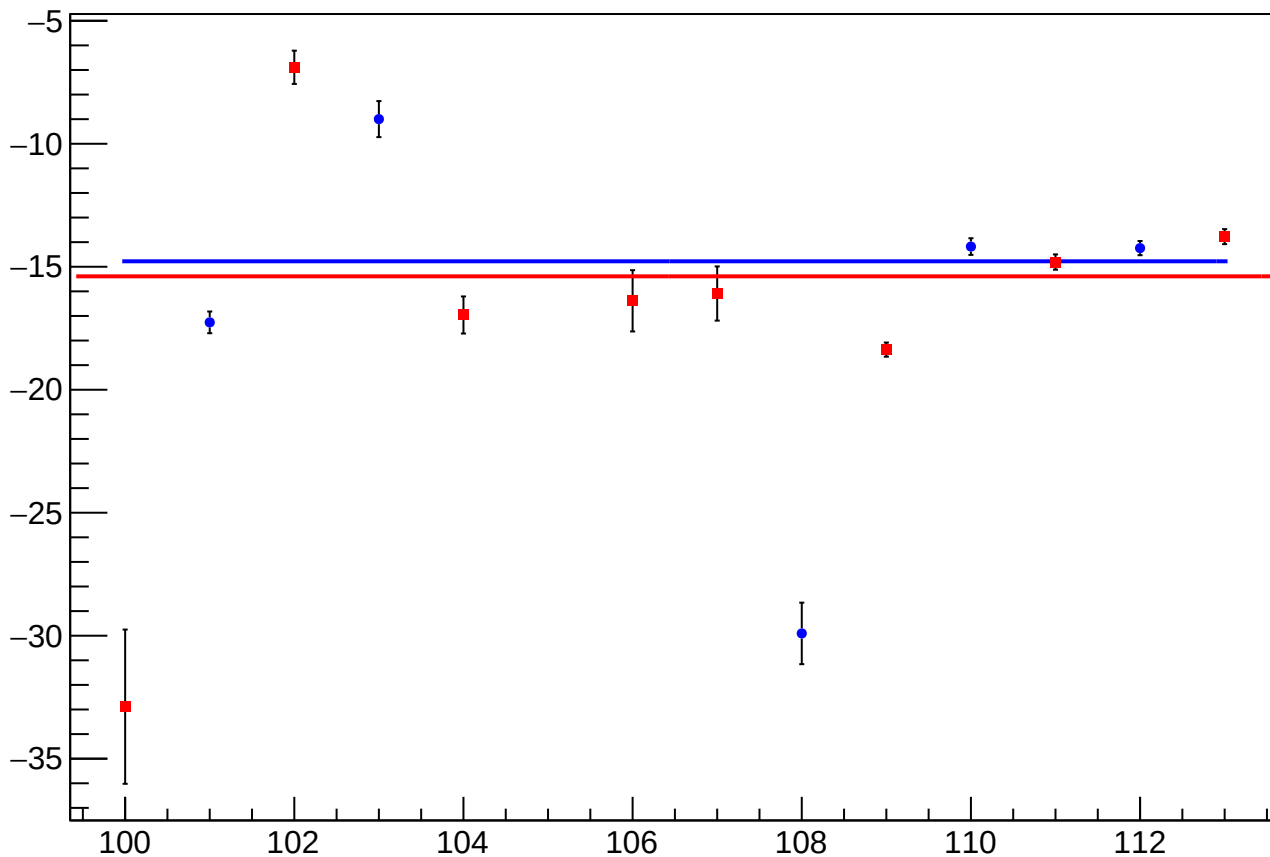
Right: -61.425 ± 0.097 χ^2/NDF : 3828.3/12

In: -59.054 ± 0.149 χ^2/NDF : 2890.9/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -61.425 ± 0.097 χ^2/NDF : 3828.3/12

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: -15.390 ± 0.161 χ^2/NDF : 333.7/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

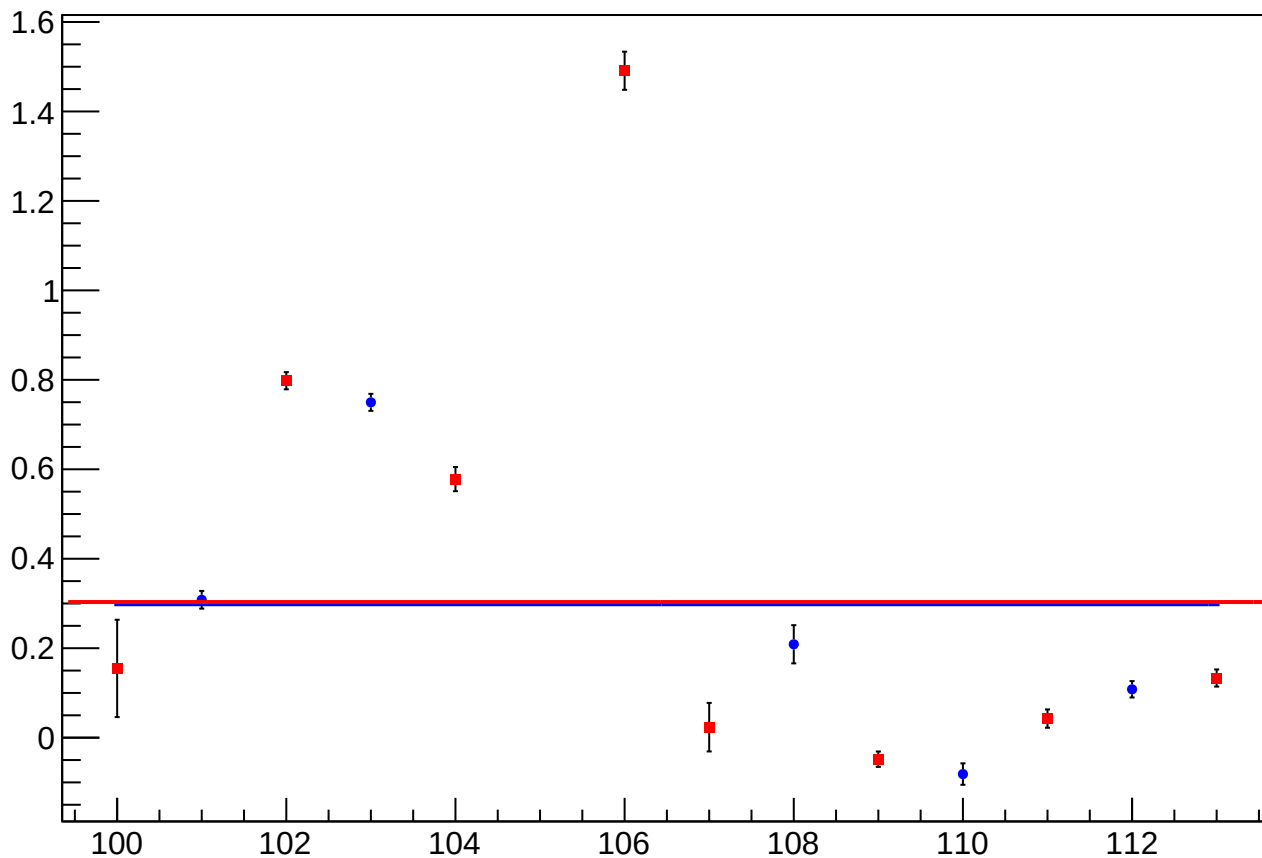
Right: -15.131 ± 0.122 χ^2/NDF : 586.6/12

In: -14.778 ± 0.188 χ^2/NDF : 246.8/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.131 ± 0.122 χ^2/NDF : 586.6/12

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.298+/-0.010 χ^2/NDF : 927.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.303+/-0.009 χ^2/NDF : 2228.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

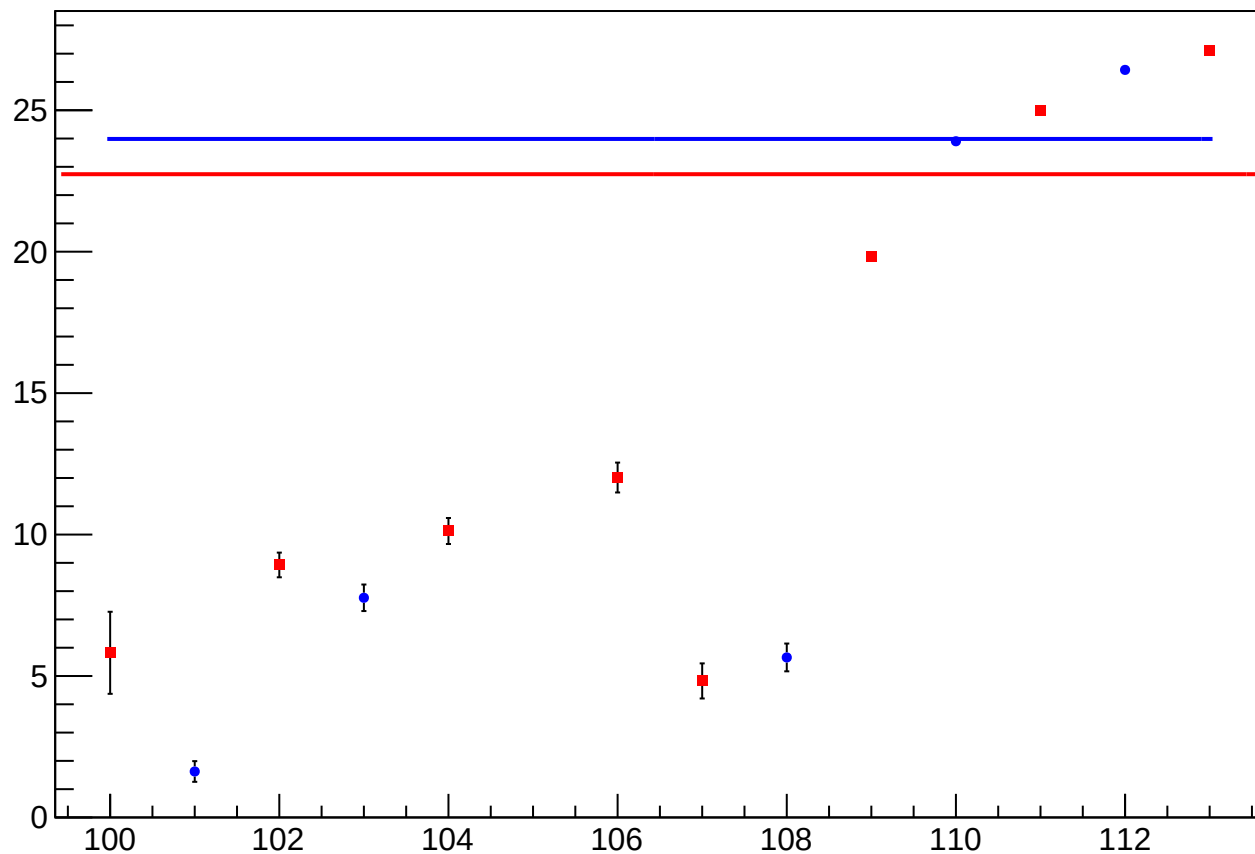
Right: 0.301+/-0.006 χ^2/NDF : 3156.7/12

In: 0.298+/-0.010 χ^2/NDF : 927.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.301+/-0.006 χ^2/NDF : 3156.7/12

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: 22.739 $\pm$ 0.049 χ^2 /NDF: 7147.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

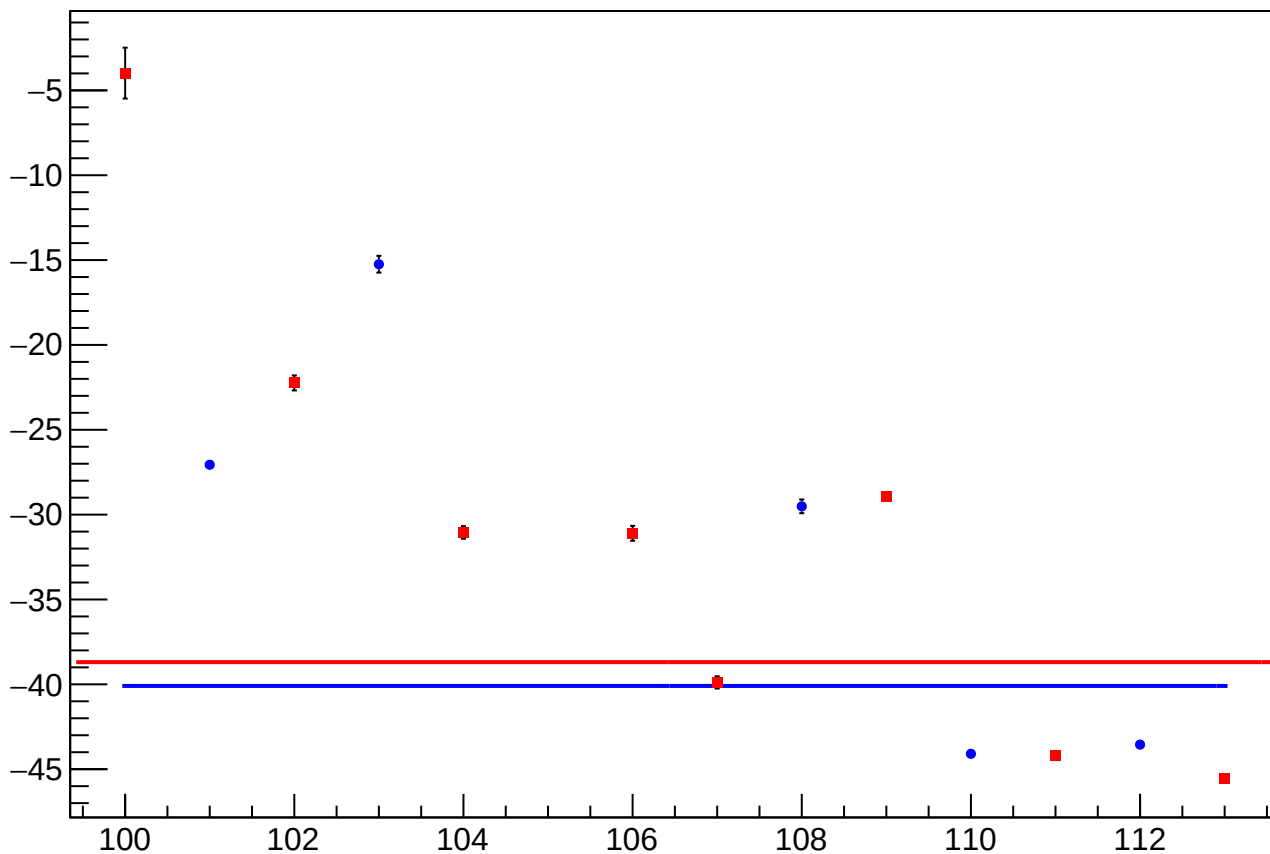
Right: 23.194 $\pm$ 0.039 χ^2 /NDF: 14501.2/12

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: 23.194 $\pm$ 0.039 χ^2 /NDF: 14501.2/12

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -40.094+/-0.097 χ^2/NDF : 6288.5/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -38.692+/-0.082 χ^2/NDF : 9398.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

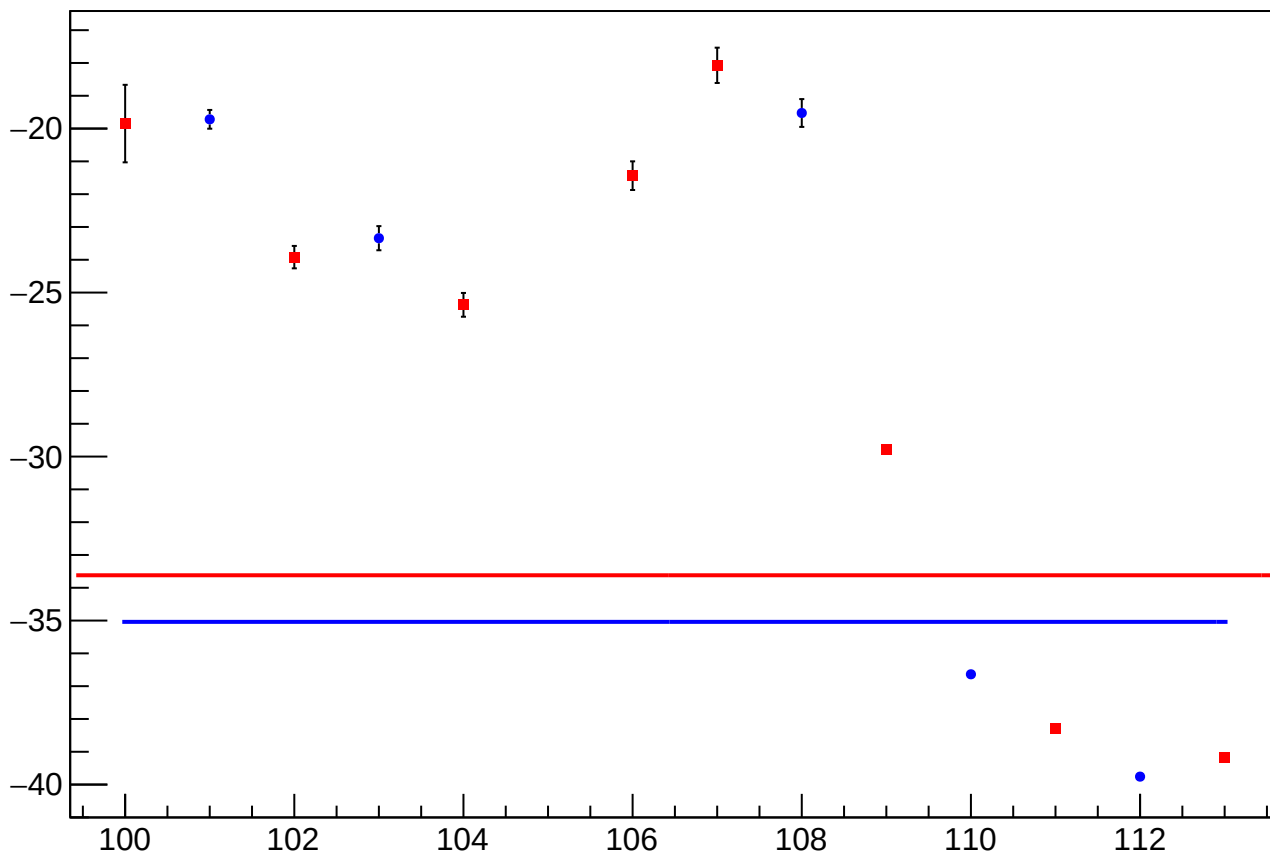
Right: -39.275+/-0.063 χ^2/NDF : 15809.1/12

In: -40.094+/-0.097 χ^2/NDF :6288.5/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -39.275+/-0.063 χ^2/NDF : 15809.1/12

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: -33.619 $\pm$ 0.070 χ^2 /NDF: 6885.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

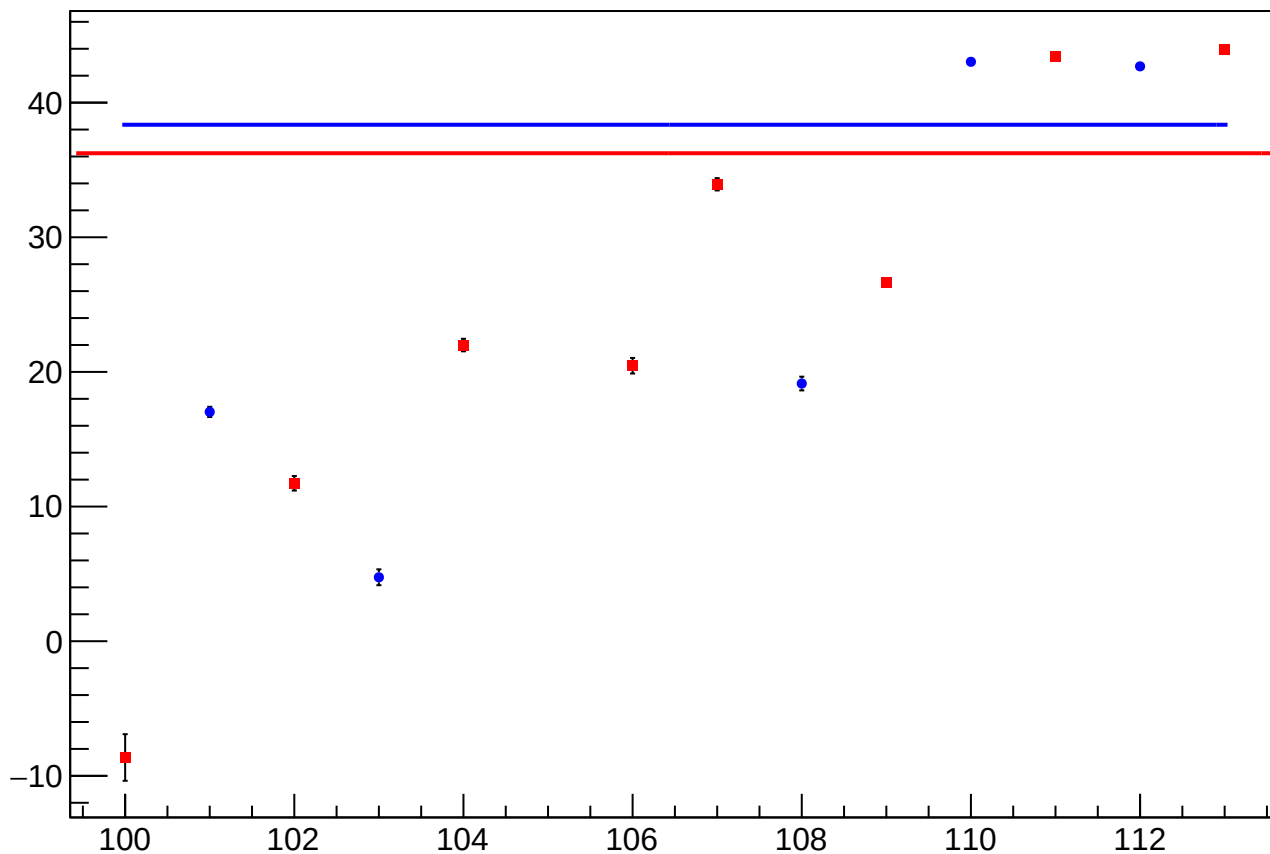
Right: -34.174 $\pm$ 0.055 χ^2 /NDF: 13747.4/12

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: -34.174 $\pm$ 0.055 χ^2 /NDF: 13747.4/12

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 38.357+/-0.109 χ^2/NDF : 9267.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.241+/-0.090 χ^2/NDF : 11619.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

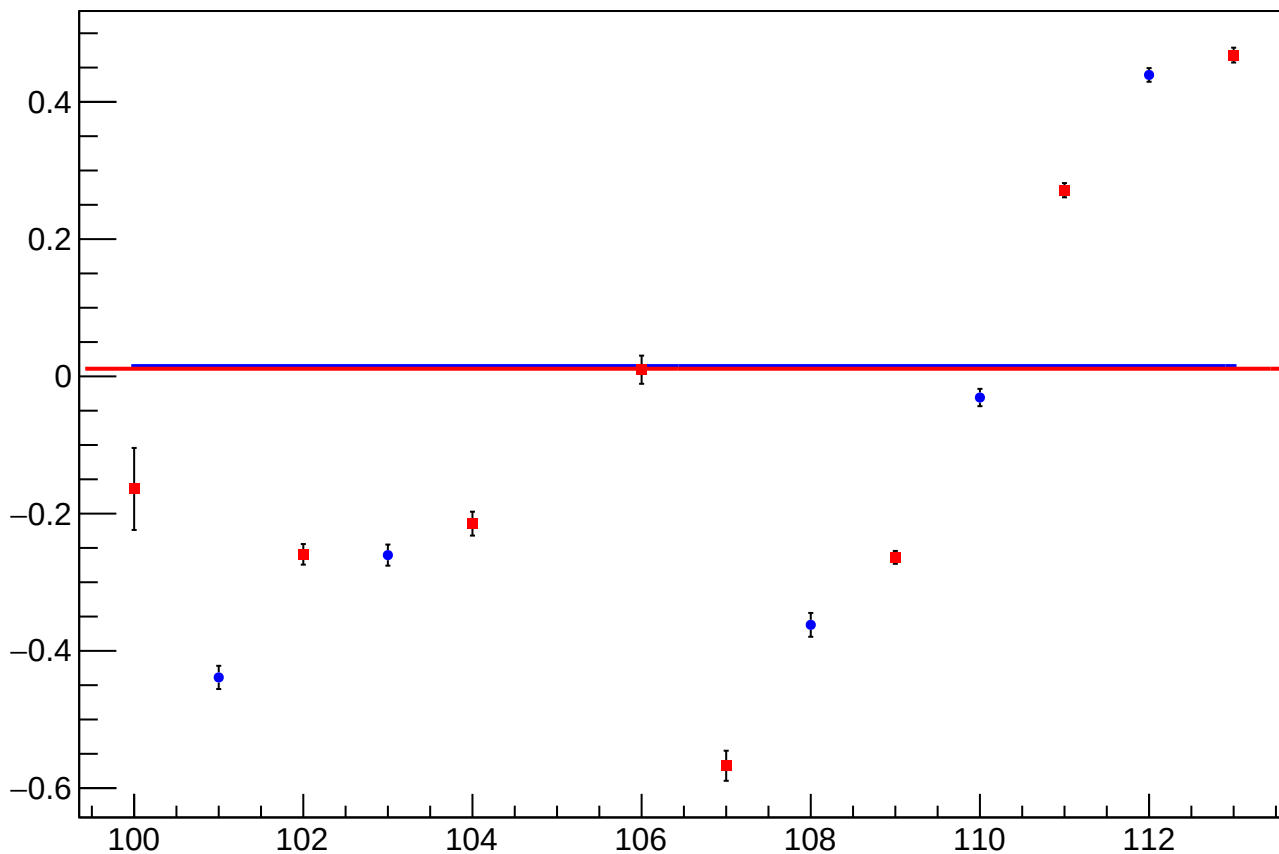
Right: 37.102+/-0.069 χ^2/NDF : 21112.8/12

In: 38.357+/-0.109 χ^2/NDF : 9267.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.102+/-0.069 χ^2/NDF : 21112.8/12

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: 0.011+/-0.005 χ^2/NDF : 4466.8/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

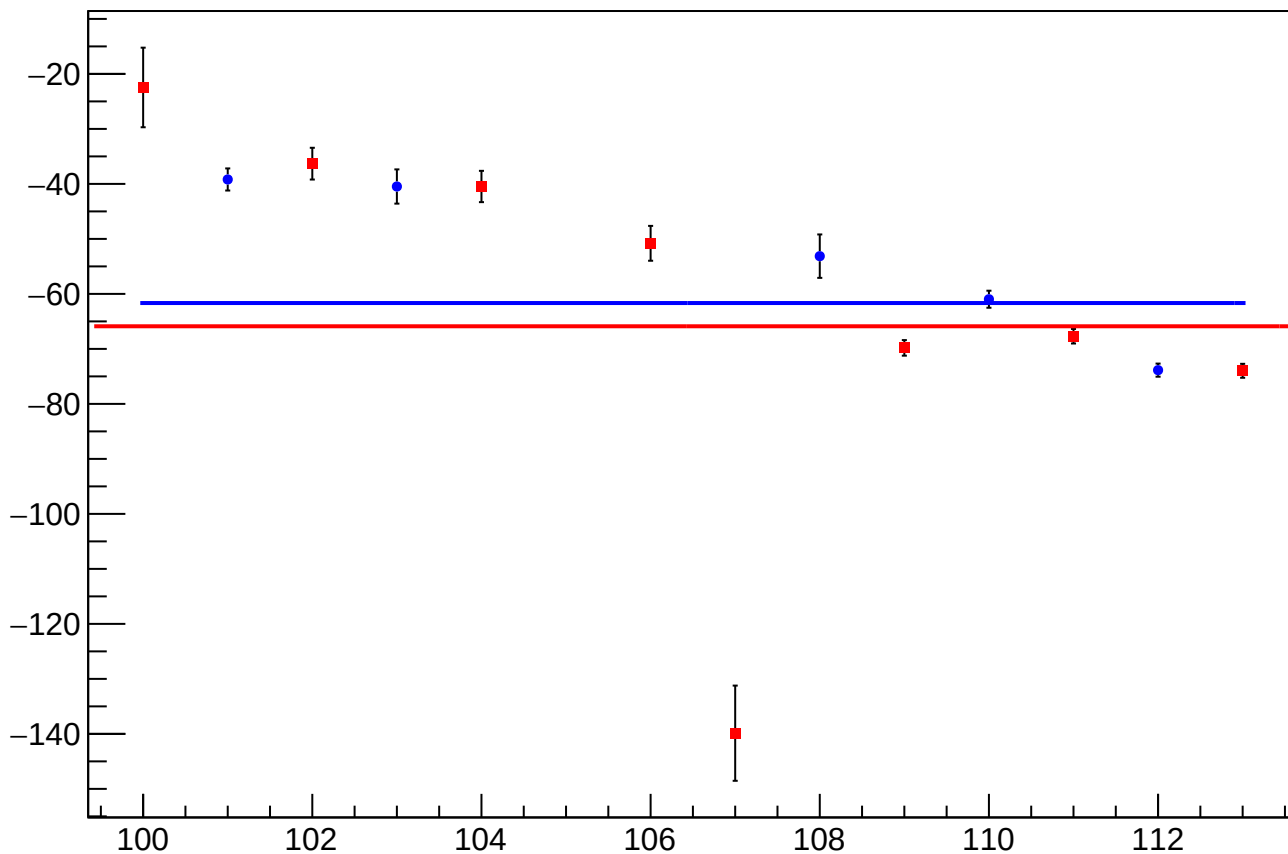
Right: 0.013+/-0.004 χ^2/NDF : 7811.0/12

In: 0.015+/-0.006 χ^2/NDF :3344.0/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.013+/-0.004 χ^2/NDF : 7811.0/12

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: -65.888 ± 0.695 χ^2/NDF : 366.7/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

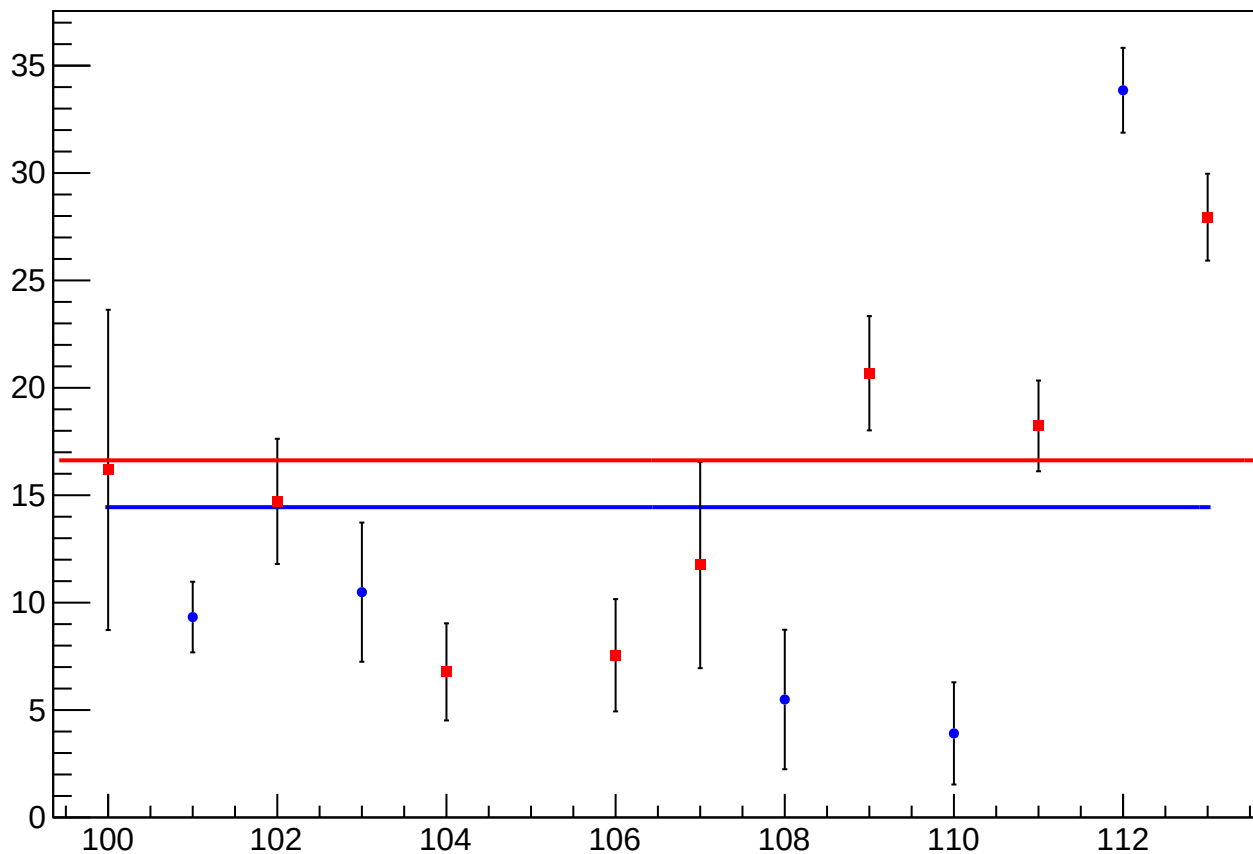
Right: -64.088 ± 0.527 χ^2/NDF : 663.4/12

In: -61.661 ± 0.807 χ^2/NDF : 280.9/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -64.088 ± 0.527 χ^2/NDF : 663.4/12

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: 16.625+/-0.940 χ^2/NDF : 66.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

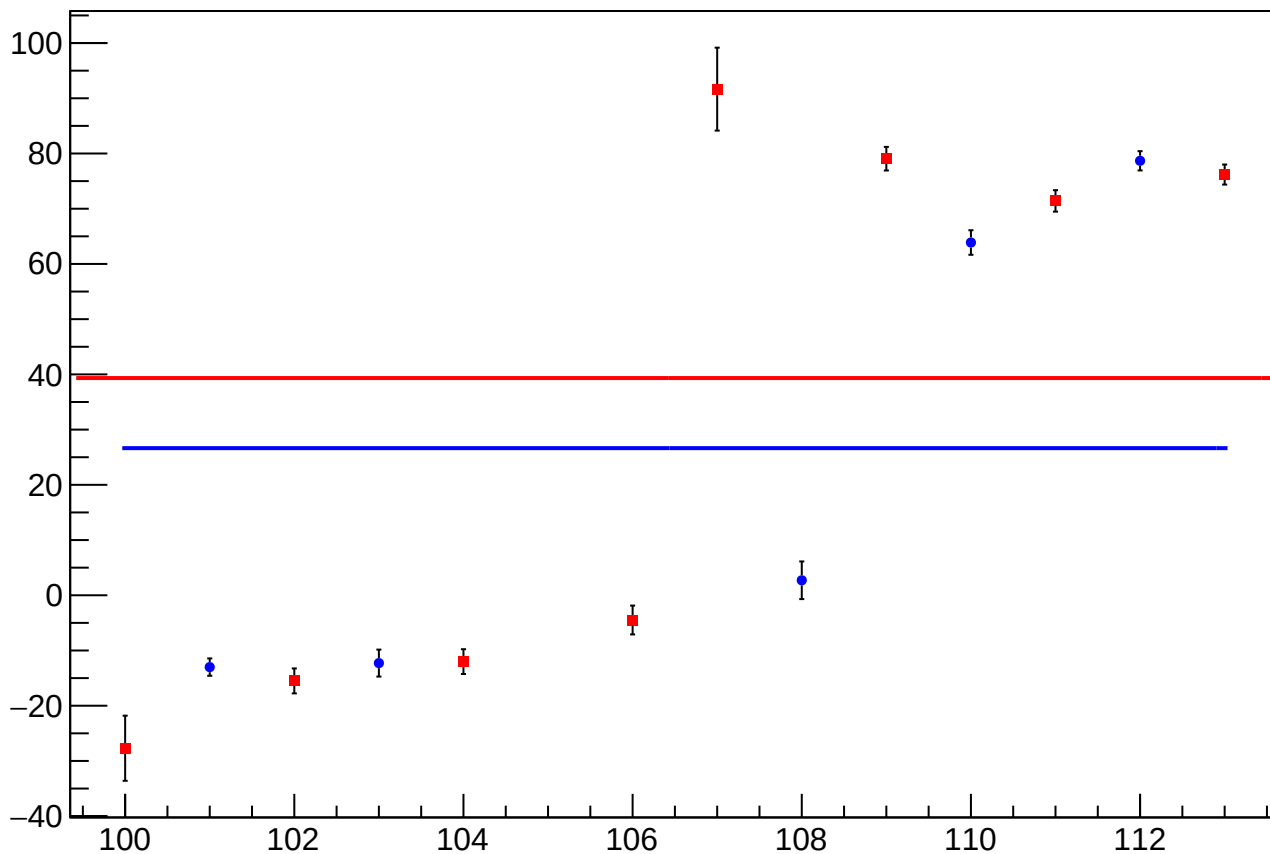
Right: 15.606+/-0.686 χ^2/NDF : 204.2/12

In: 14.444+/-1.004 χ^2/NDF : 135.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.606+/-0.686 χ^2/NDF : 204.2/12

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: 39.335+/-0.853 χ^2/NDF : 2600.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

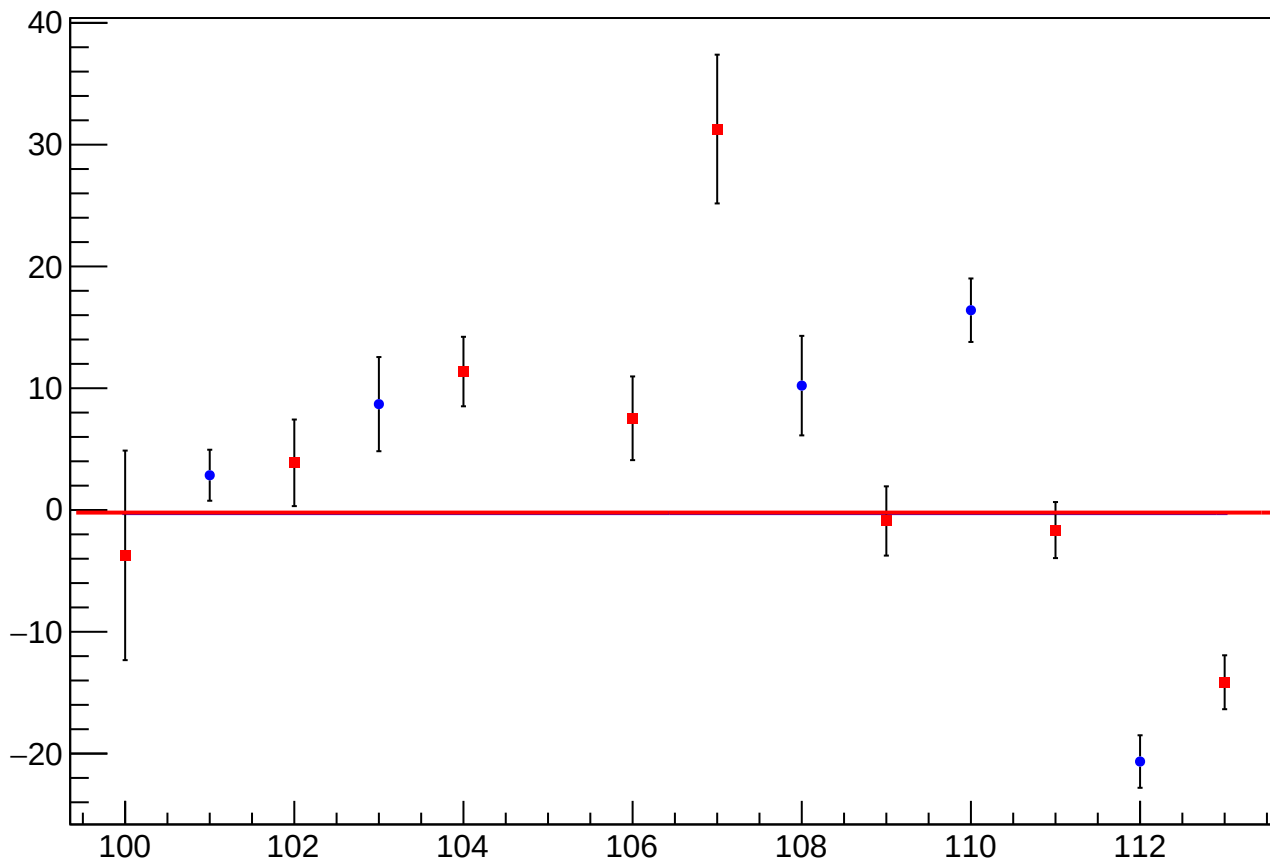
Right: 33.450+/-0.625 χ^2/NDF : 4810.2/12

In: 26.644+/-0.917 χ^2/NDF : 2107.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.450+/-0.625 χ^2/NDF : 4810.2/12

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: -0.212+/-1.089 χ^2/NDF : 89.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

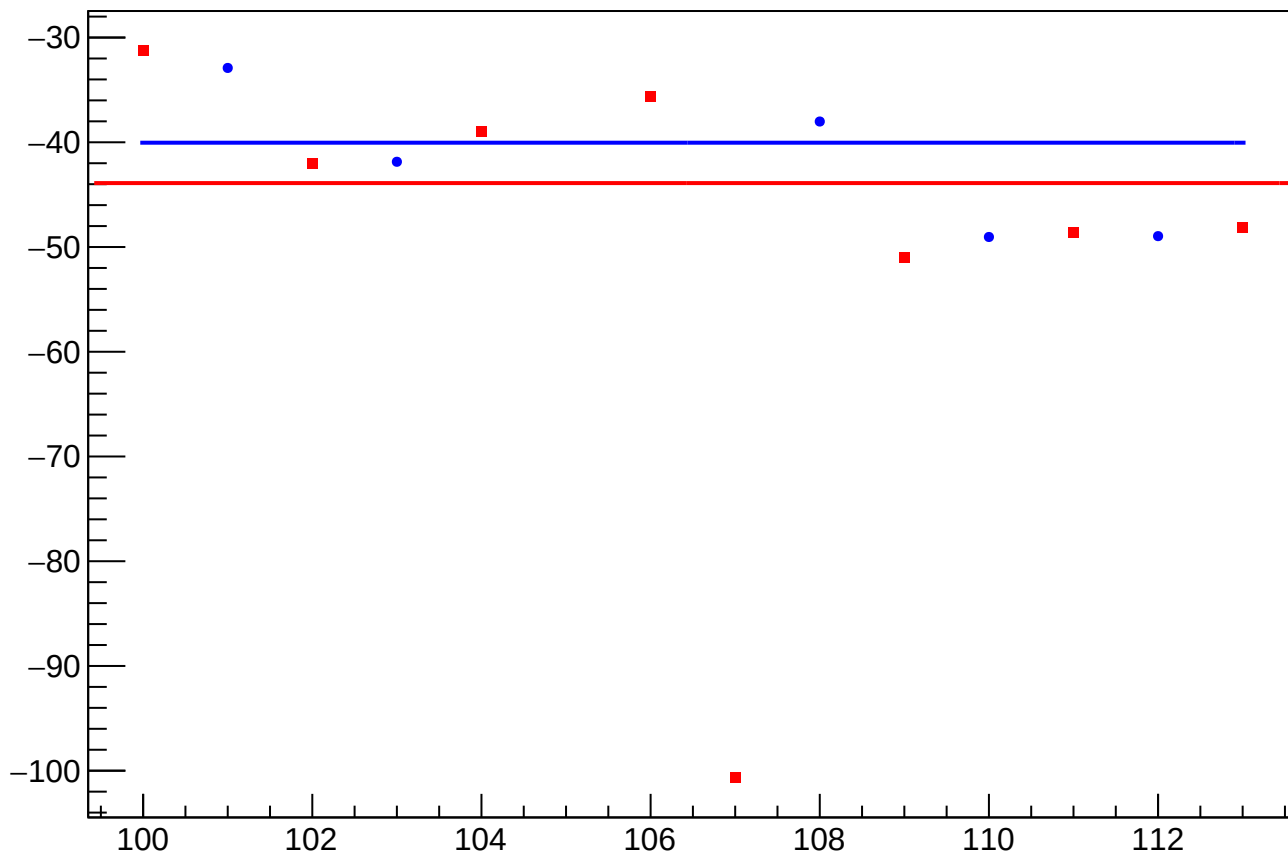
Right: -0.231+/-0.801 χ^2/NDF : 234.1/12

In: -0.254+/-1.181 χ^2/NDF : 144.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.231+/-0.801 χ^2/NDF : 234.1/12

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: -43.896+/-0.049 χ^2/NDF : 47354.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

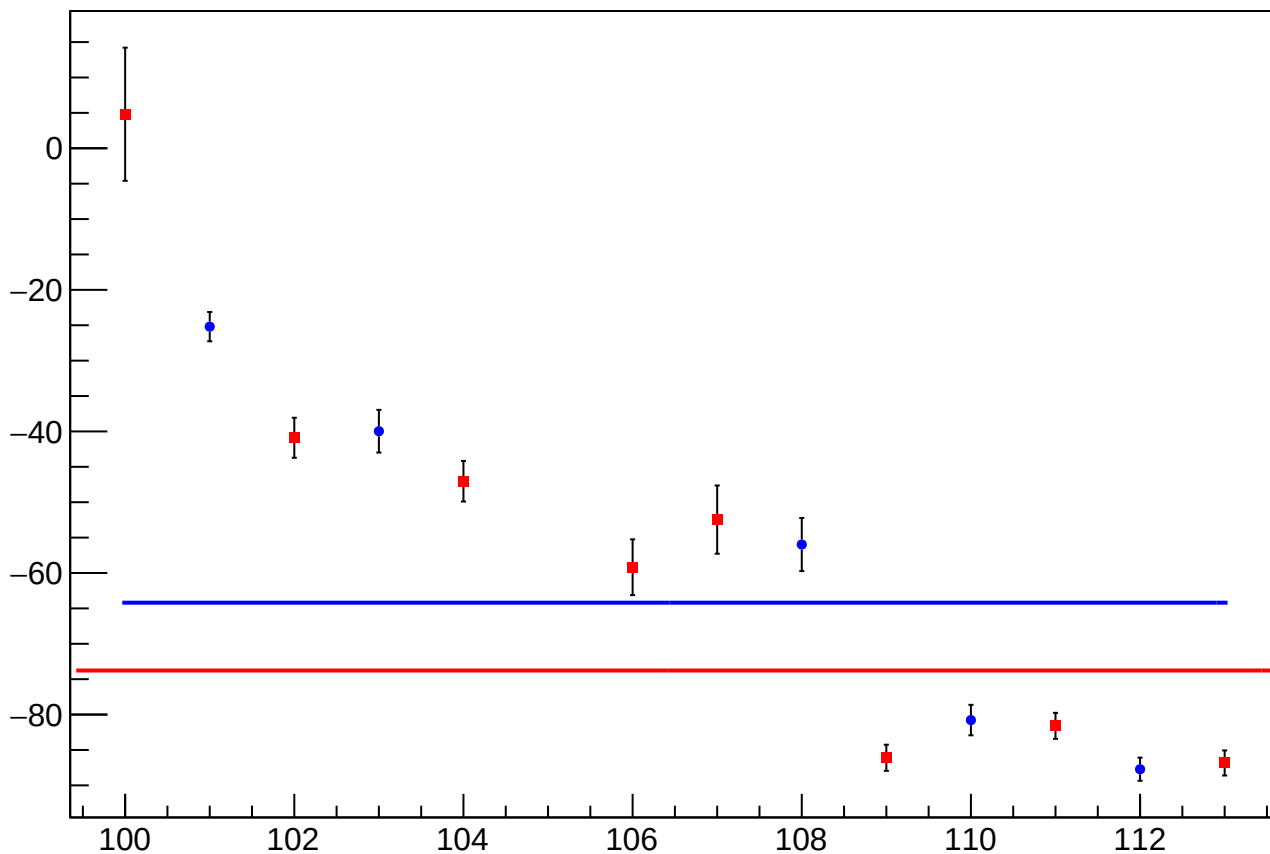
Right: -42.144+/-0.036 χ^2/NDF : 63114.5/12

In: -40.040+/-0.054 χ^2/NDF : 12973.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.144+/-0.036 χ^2/NDF : 63114.5/12

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -64.194 ± 0.998 $\chi^2/\text{NDF}: 690.3/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -73.773 ± 0.886 $\chi^2/\text{NDF}: 442.5/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

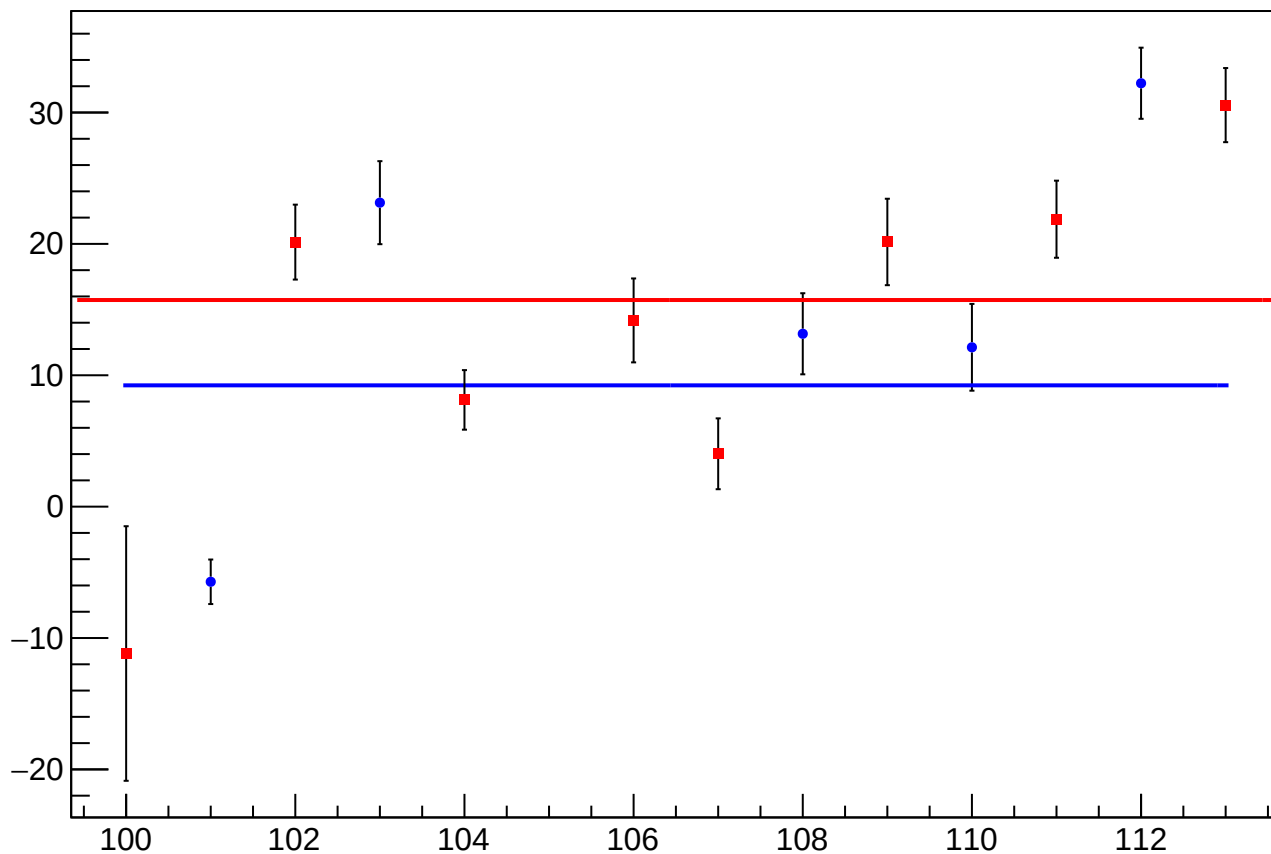
Right: -69.554 ± 0.663 $\chi^2/\text{NDF}: 1184.3/12$

In: -64.194 ± 0.998 $\chi^2/\text{NDF}: 690.3/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -69.554 ± 0.663 $\chi^2/\text{NDF}: 1184.3/12$

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: 15.728+/-1.055 χ^2/NDF : 74.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

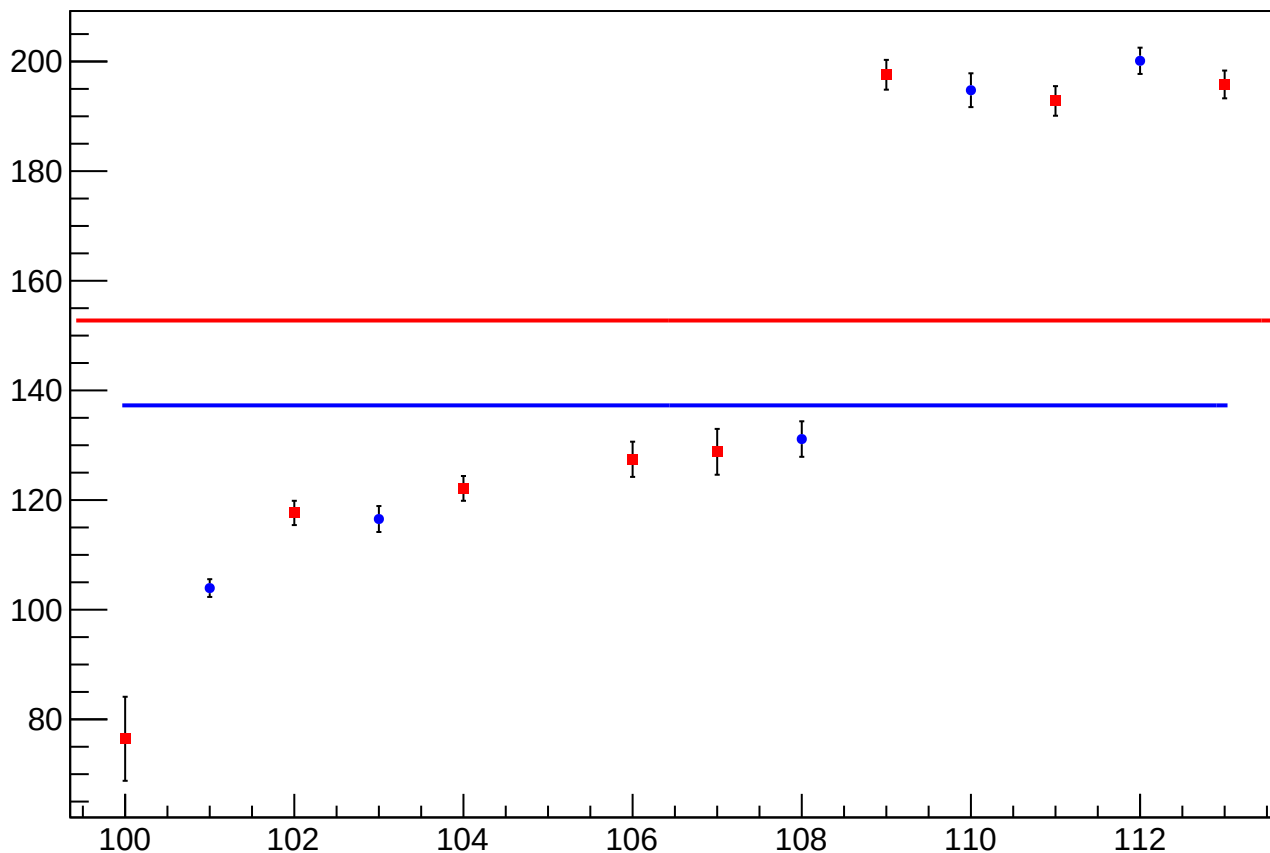
Right: 12.705+/-0.772 χ^2/NDF : 263.6/12

In: 9.233+/-1.131 χ^2/NDF : 171.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.705+/-0.772 χ^2/NDF : 263.6/12

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: 152.754+/-1.001 χ^2/NDF : 1409.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

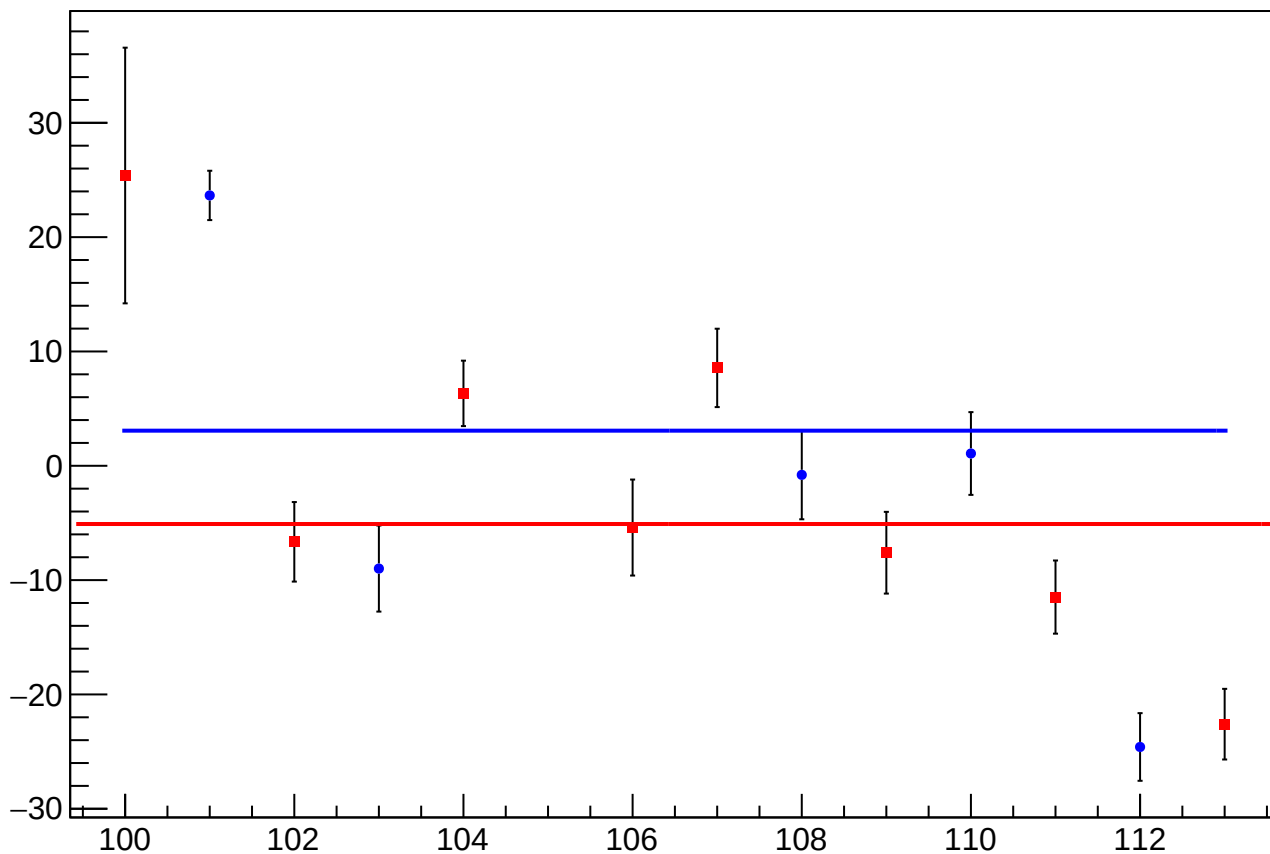
Right: 145.271+/-0.719 χ^2/NDF : 3063.9/12

In: 137.271+/-1.035 χ^2/NDF : 1538.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.271+/-0.719 χ^2/NDF : 3063.9/12

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.072 $\pm$ 1.358 χ^2 /NDF: 189.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -5.093 $\pm$ 1.255 χ^2 /NDF: 76.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

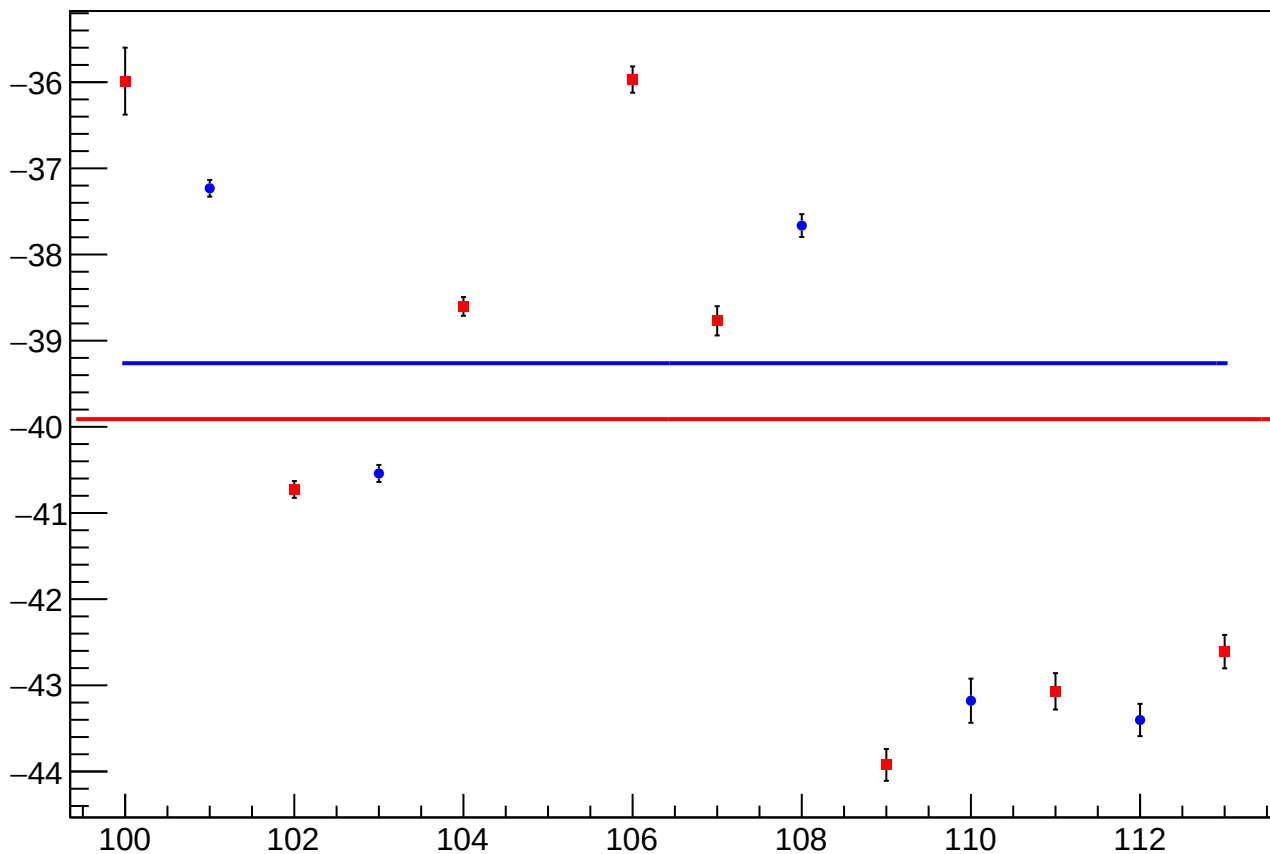
Right: -1.333 $\pm$ 0.922 χ^2 /NDF: 285.5/12

In: 3.072 $\pm$ 1.358 χ^2 /NDF:189.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.333 $\pm$ 0.922 χ^2 /NDF: 285.5/12

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.261 ± 0.057 χ^2/NDF : 1475.3/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -39.910 ± 0.053 χ^2/NDF : 1921.0/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

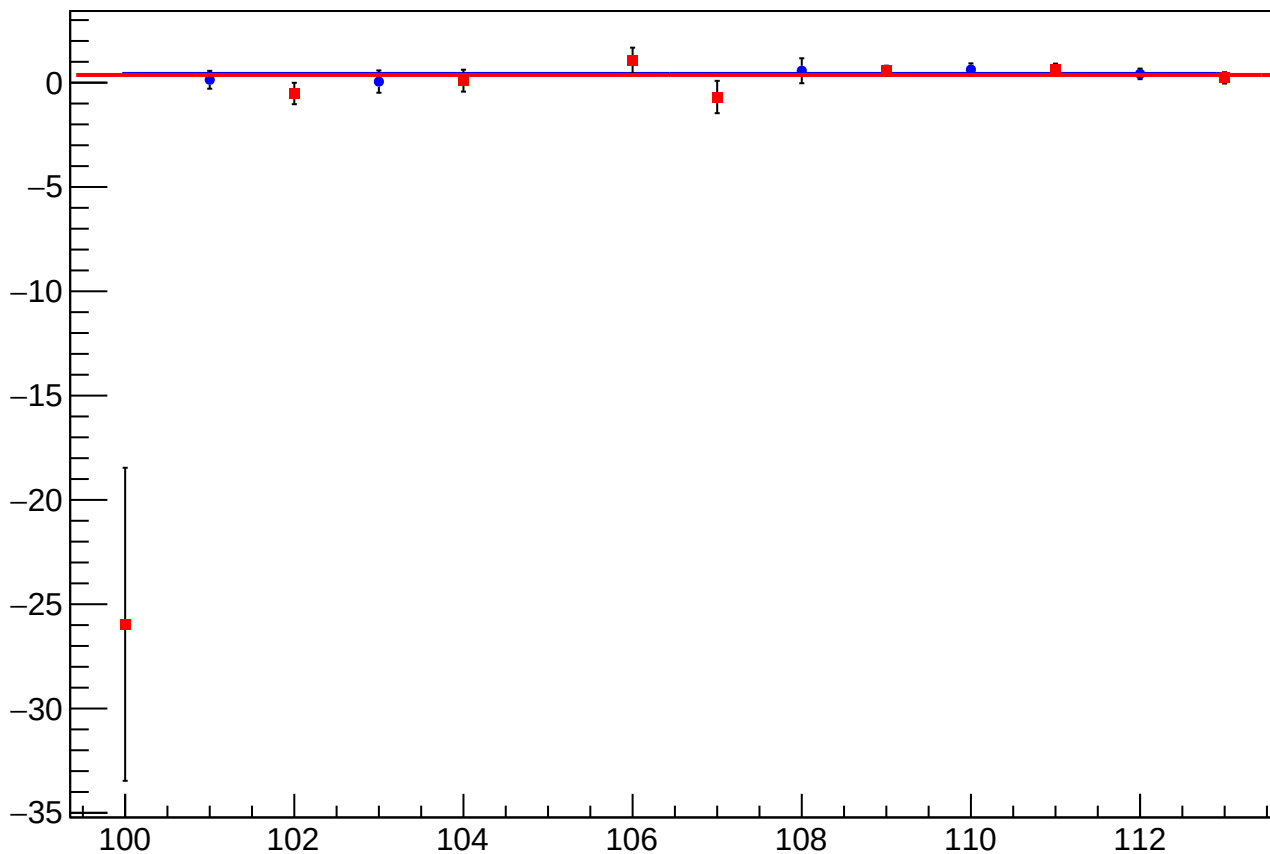
Right: -39.607 ± 0.039 χ^2/NDF : 3465.7/12

In: -39.261 ± 0.057 χ^2/NDF : 1475.3/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.607 ± 0.039 χ^2/NDF : 3465.7/12

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: 0.370+/-0.135 χ^2/NDF : 20.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

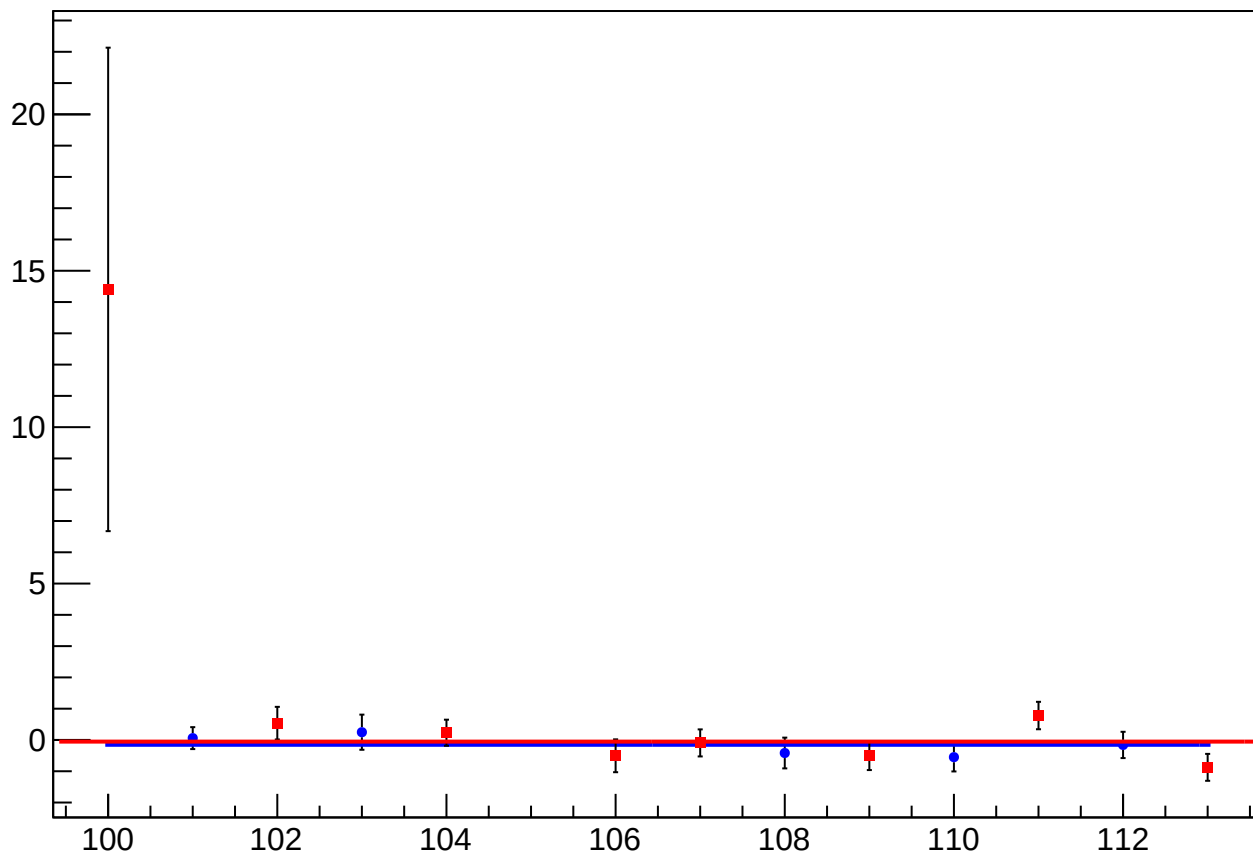
Right: 0.390+/-0.103 χ^2/NDF : 22.0/12

In: 0.419+/-0.161 χ^2/NDF : 1.5/4

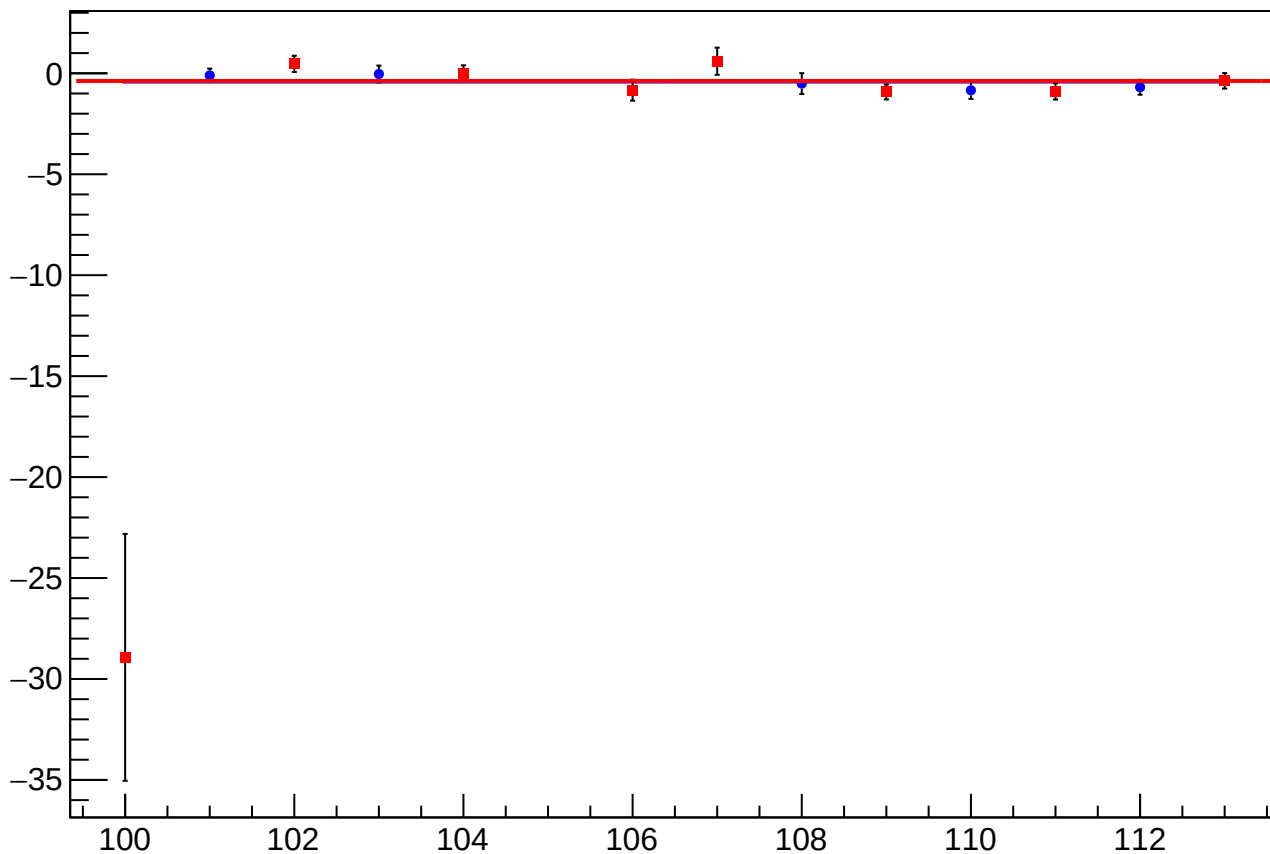
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.390+/-0.103 χ^2/NDF : 22.0/12

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -0.380+/-0.162 χ^2/NDF : 33.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

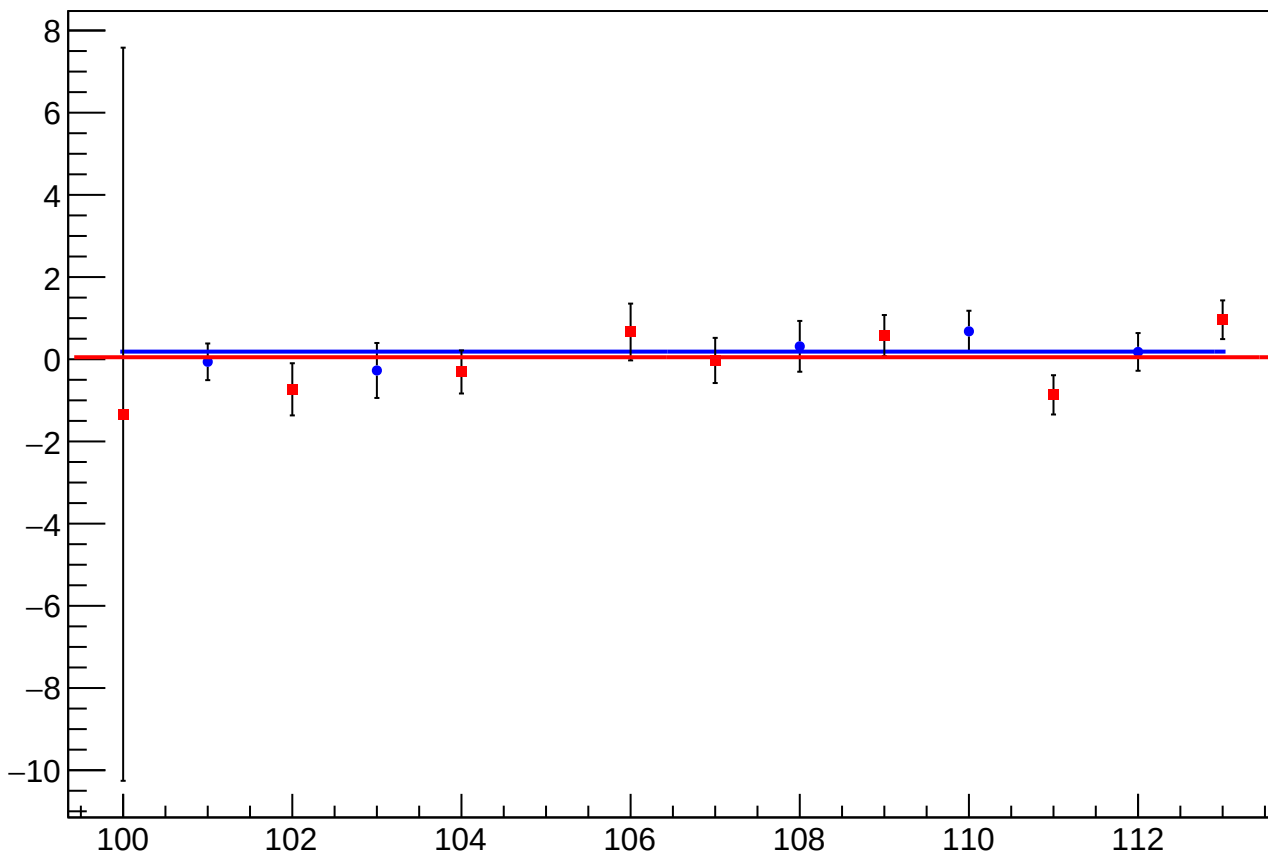
Right: -0.393+/-0.120 χ^2/NDF : 37.0/12

In: -0.408+/-0.179 χ^2/NDF : 3.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.393+/-0.120 χ^2/NDF : 37.0/12

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: 0.049+/-0.202 χ^2/NDF : 11.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

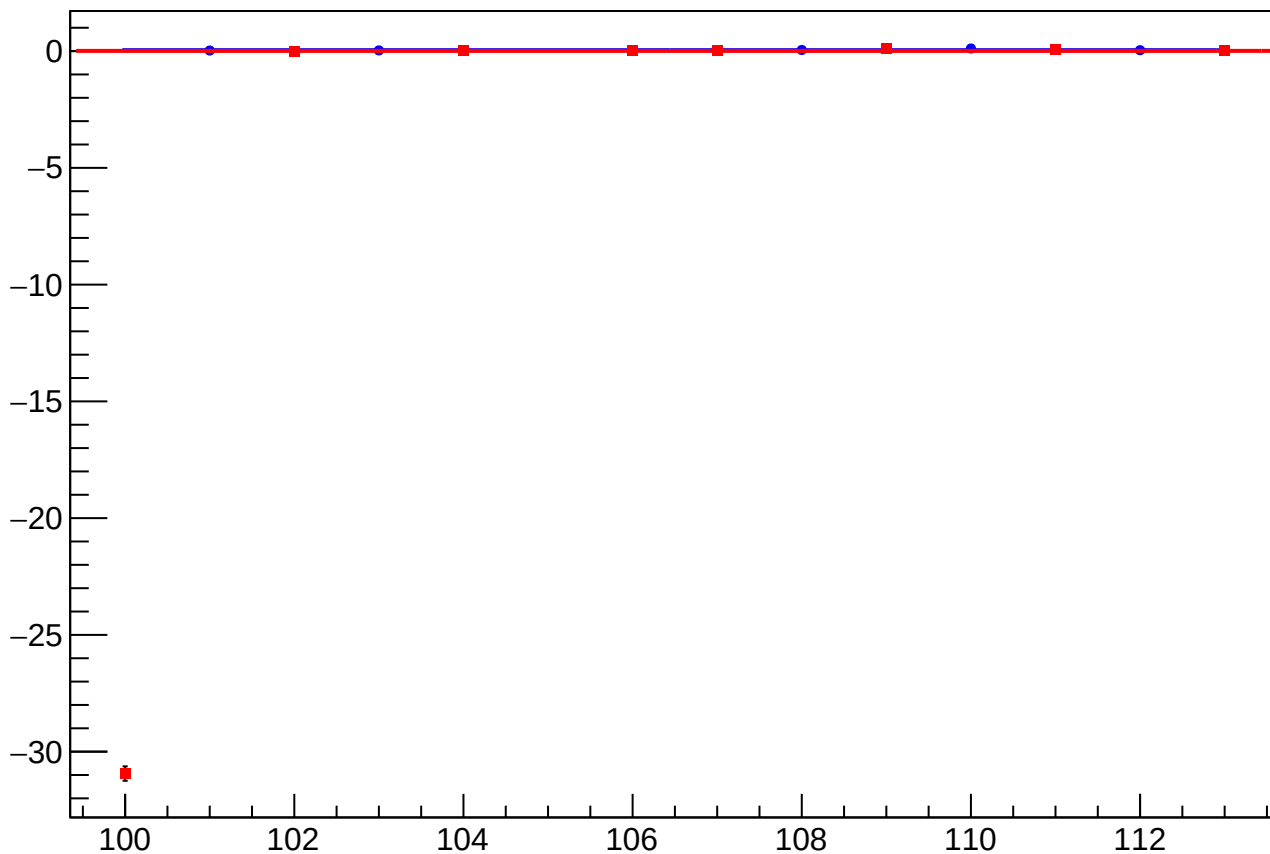
Right: 0.108+/-0.152 χ^2/NDF : 13.4/12

In: 0.186+/-0.232 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.108+/-0.152 χ^2/NDF : 13.4/12

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.040+/-0.010 χ^2/NDF : 5.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.009 χ^2/NDF : 10001.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

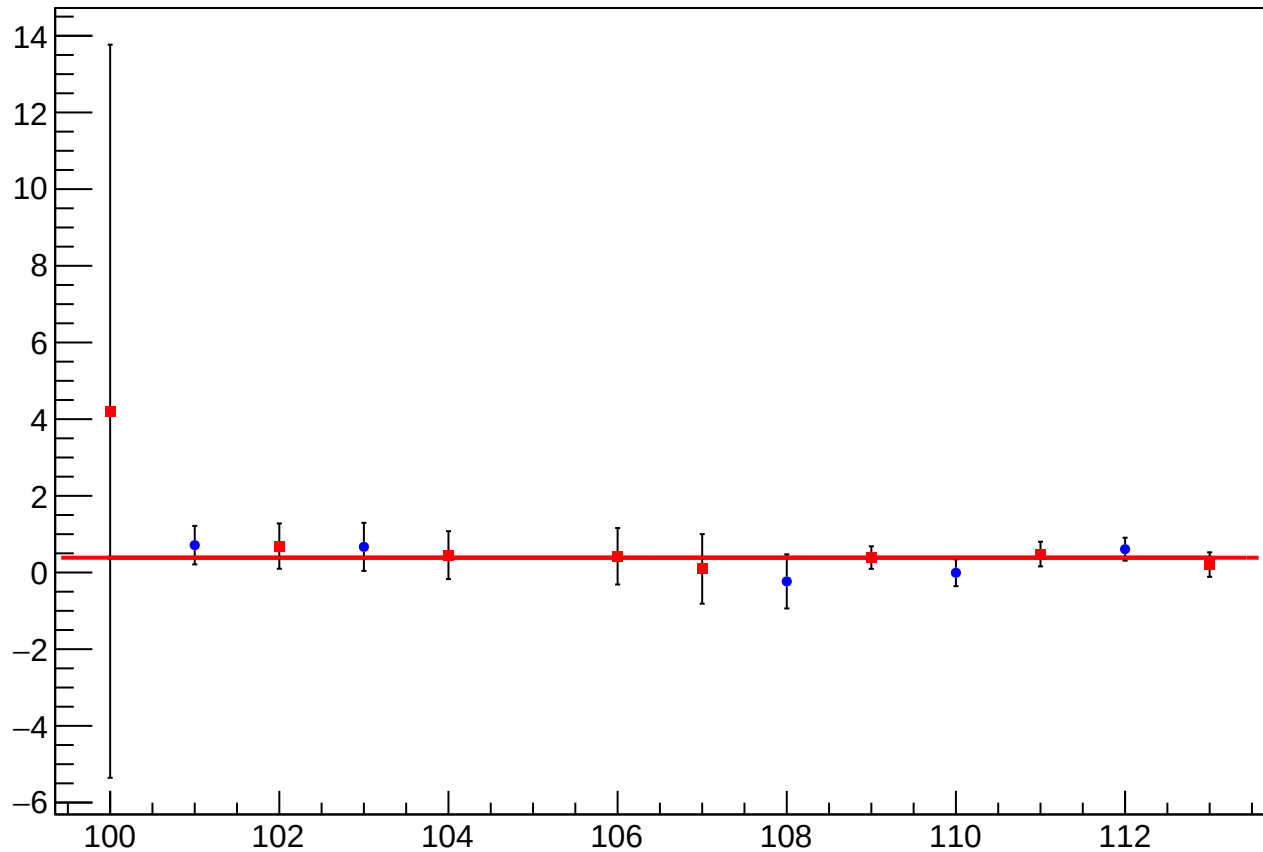
Right: 0.023+/-0.007 χ^2/NDF : 10012.2/12

In: 0.040+/-0.010 χ^2/NDF : 5.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.007 χ^2/NDF : 10012.2/12

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.388+/-0.189 χ^2/NDF : 3.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.386+/-0.159 χ^2/NDF : 0.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

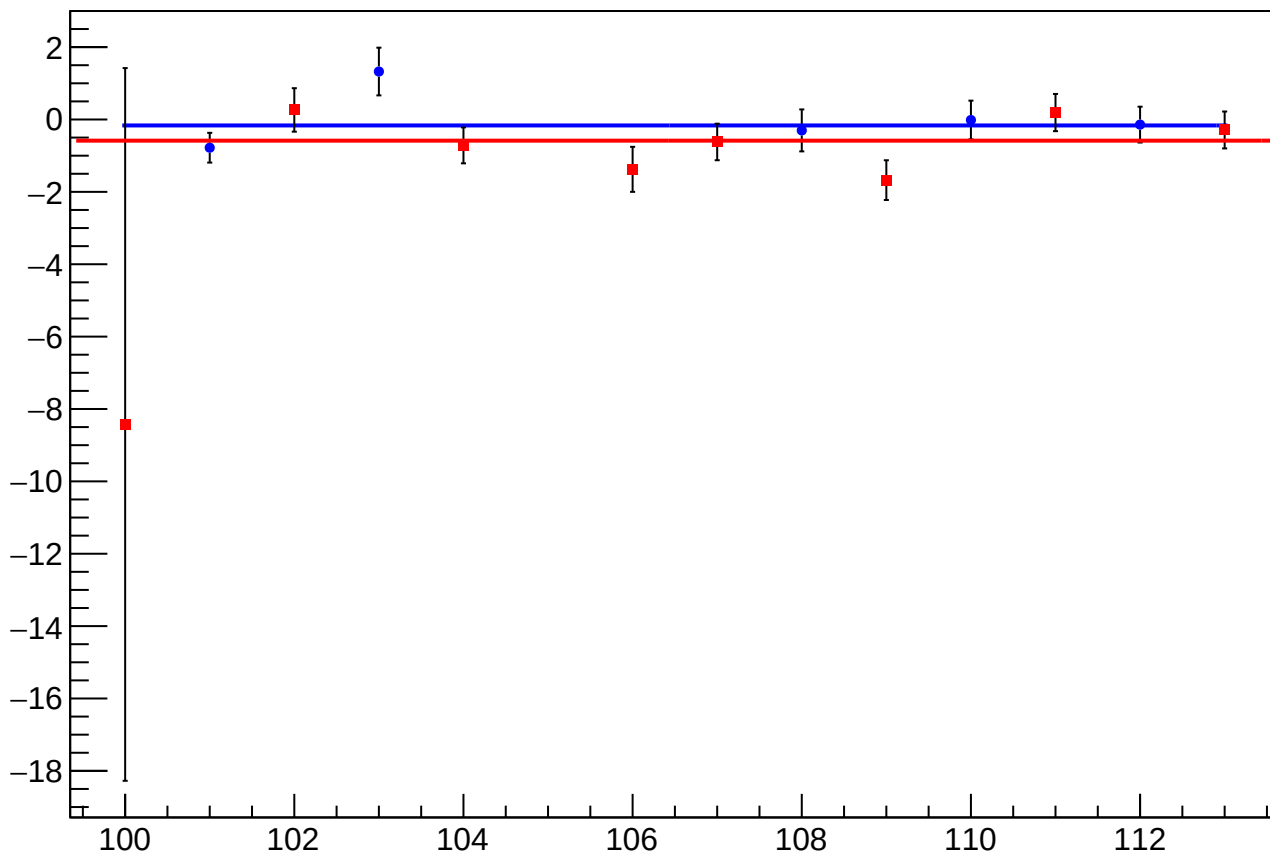
Right: 0.387+/-0.122 χ^2/NDF : 4.2/12

In: 0.388+/-0.189 χ^2/NDF : 3.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.387+/-0.122 χ^2/NDF : 4.2/12

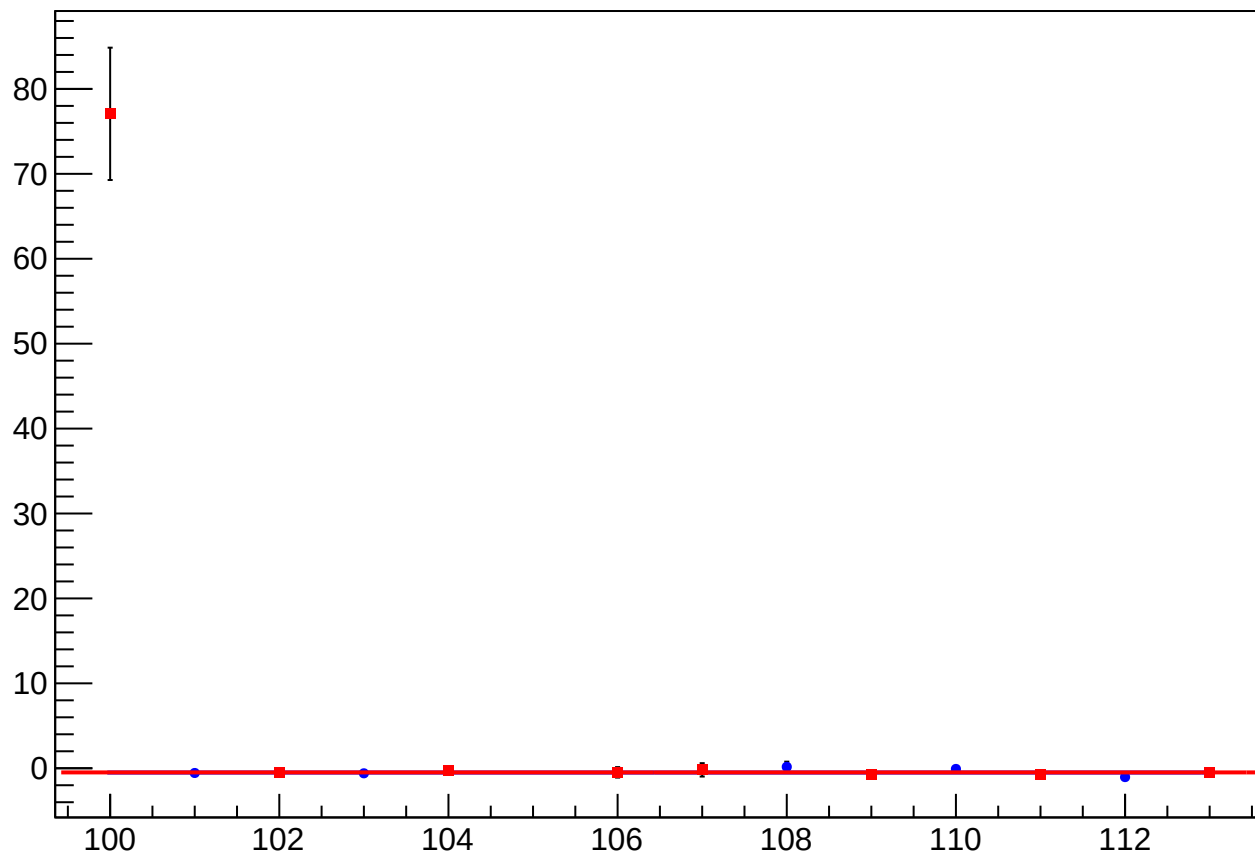
reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -0.585+/-0.203 χ^2/NDF : 10.9/7
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.402+/-0.152 χ^2/NDF : 20.2/12
 In: -0.165+/-0.231 χ^2/NDF :7.5/4
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -0.402+/-0.152 χ^2/NDF : 20.2/12

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: -0.489+/-0.191 χ^2/NDF : 100.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

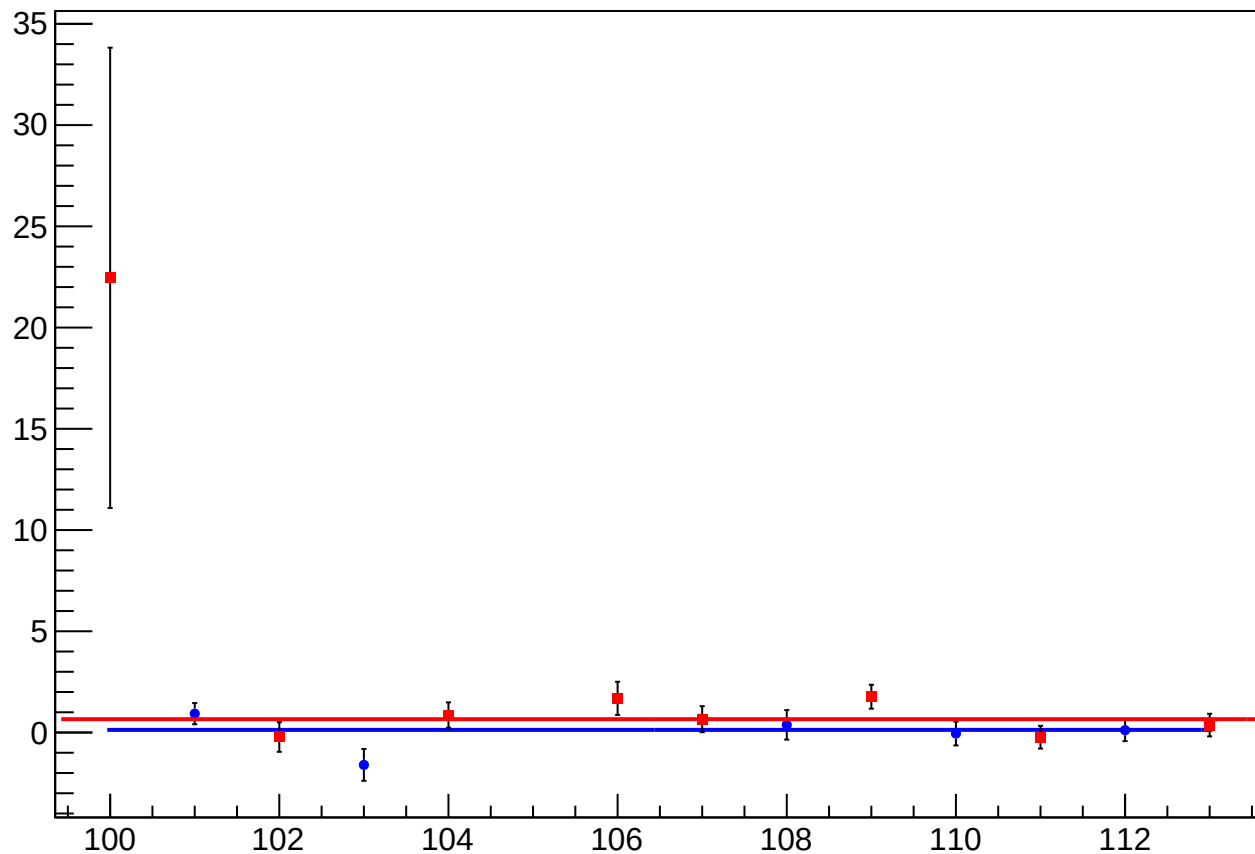
Right: -0.497+/-0.141 χ^2/NDF : 103.4/12

In: -0.505+/-0.211 χ^2/NDF : 3.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.497+/-0.141 χ^2/NDF : 103.4/12

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: 0.659+/-0.238 χ^2/NDF : 13.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

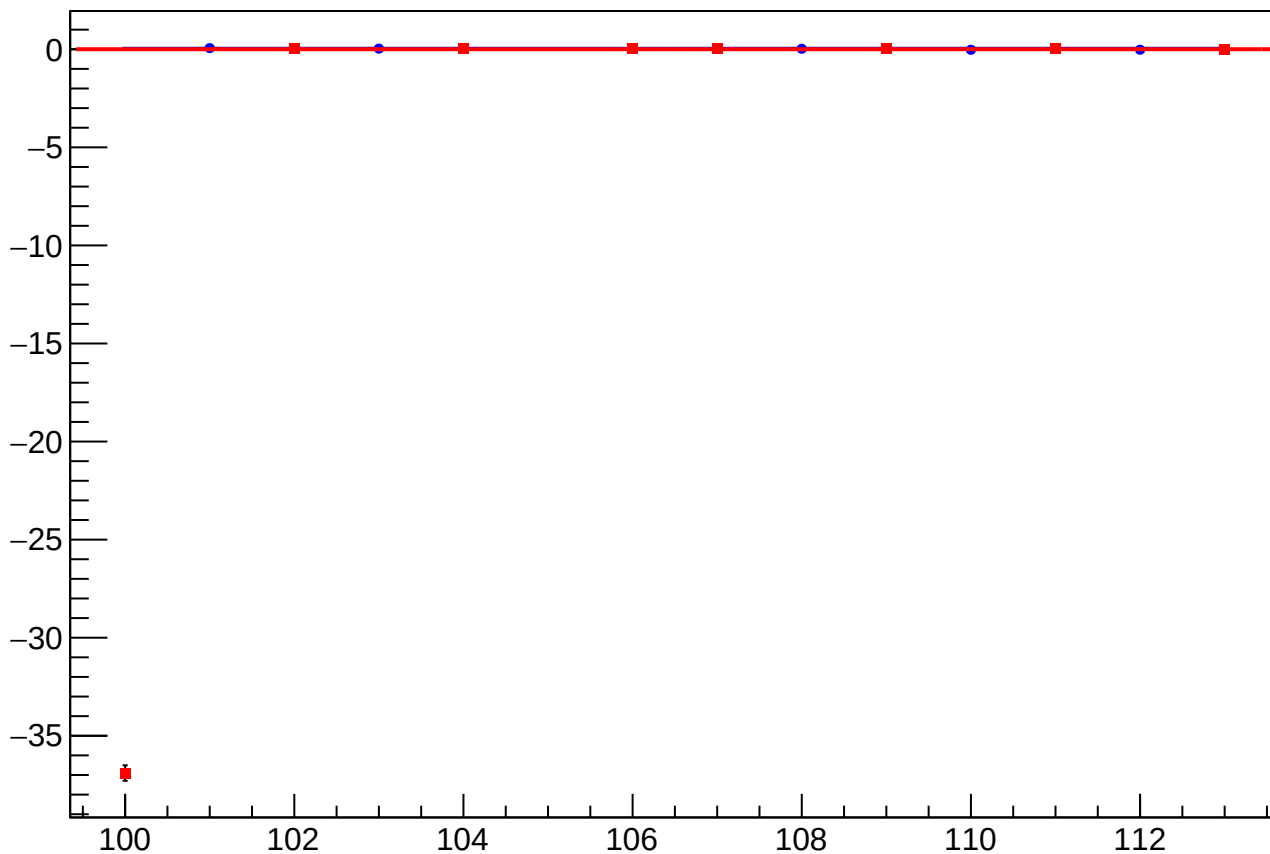
Right: 0.430+/-0.179 χ^2/NDF : 22.7/12

In: 0.130+/-0.272 χ^2/NDF : 7.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.430+/-0.179 χ^2/NDF : 22.7/12

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+/-0.010 χ^2/NDF : 8743.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

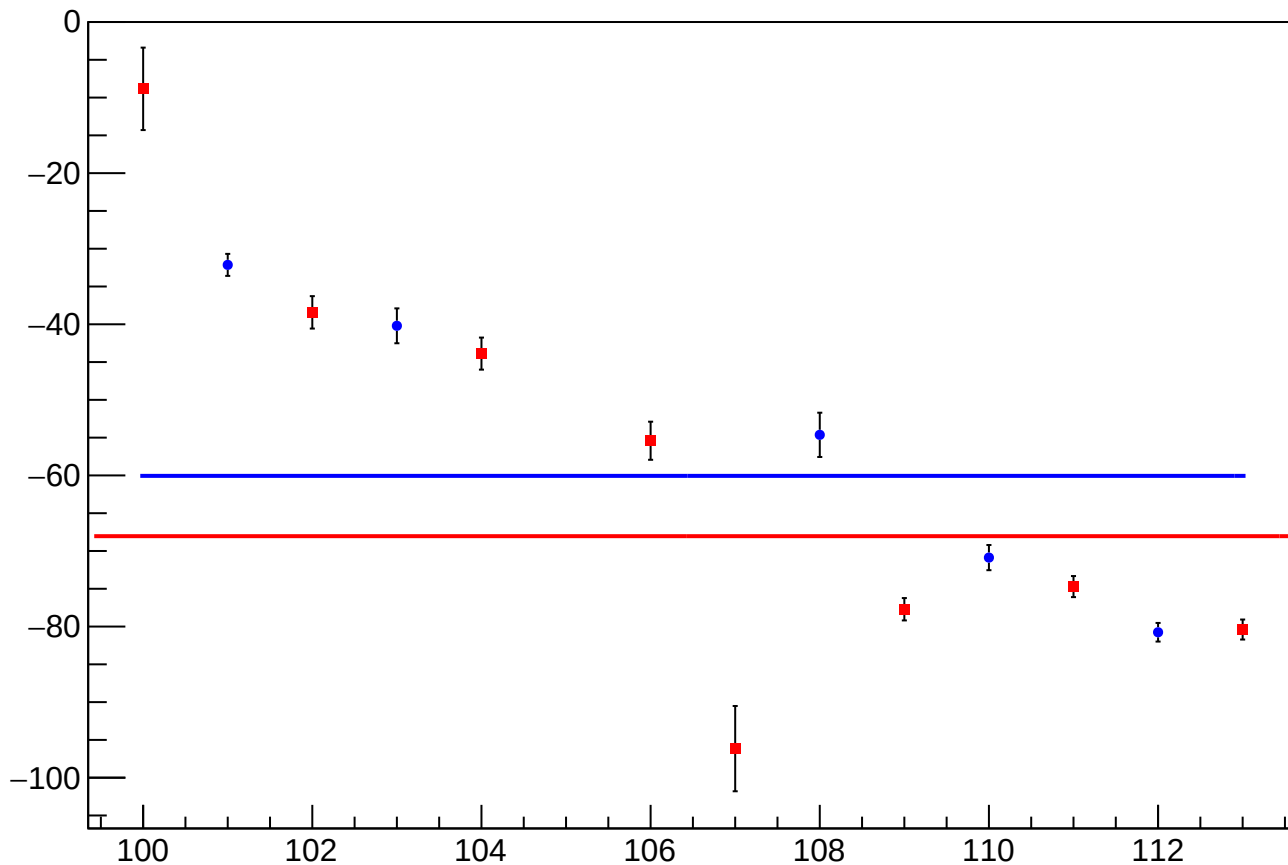
Right: 0.013+/-0.008 χ^2/NDF : 8750.9/12

In: 0.026+/-0.012 χ^2/NDF : 5.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.008 χ^2/NDF : 8750.9/12

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: -68.040+/-0.674 χ^2/NDF : 640.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

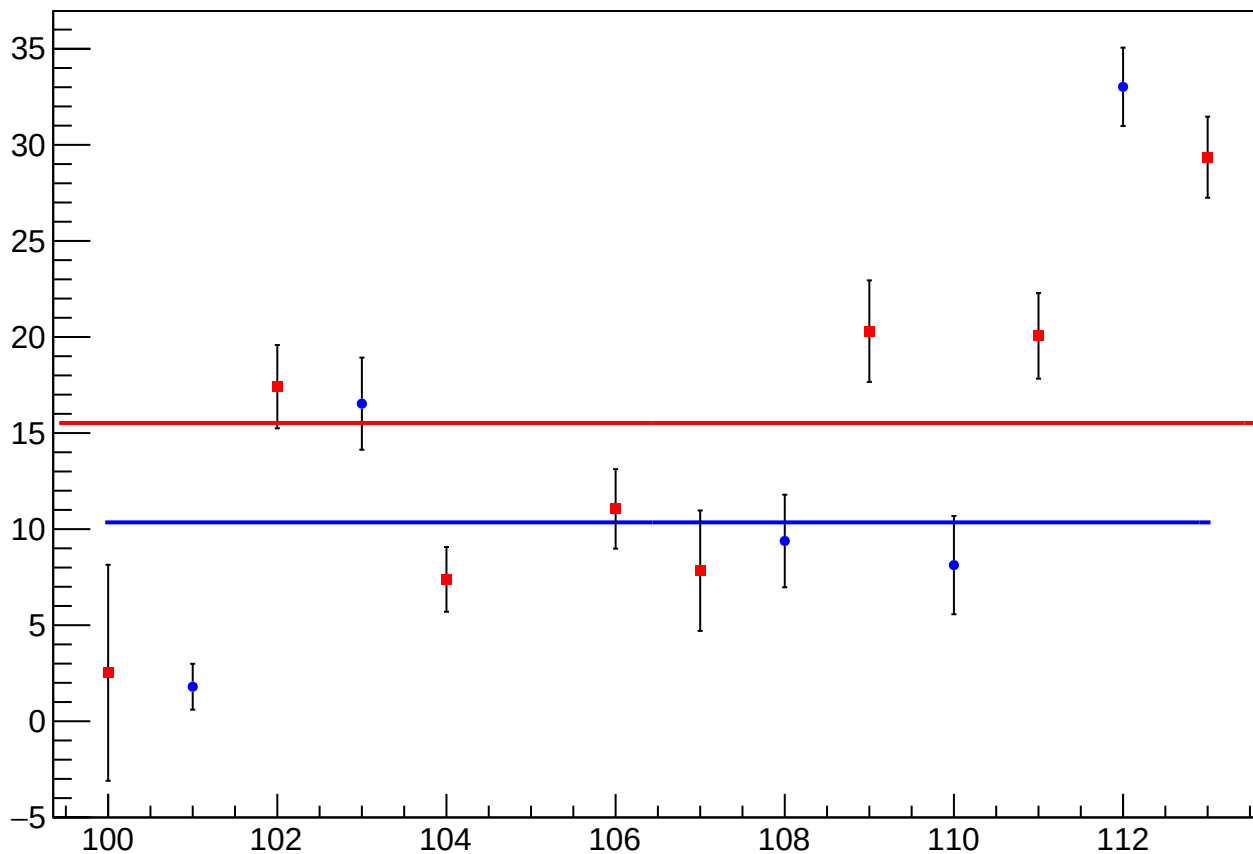
Right: -64.458+/-0.500 χ^2/NDF : 1472.7/12

In: -60.059+/-0.747 χ^2/NDF : 769.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -64.458+/-0.500 χ^2/NDF : 1472.7/12

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: 15.526+/-0.816 χ^2/NDF : 90.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

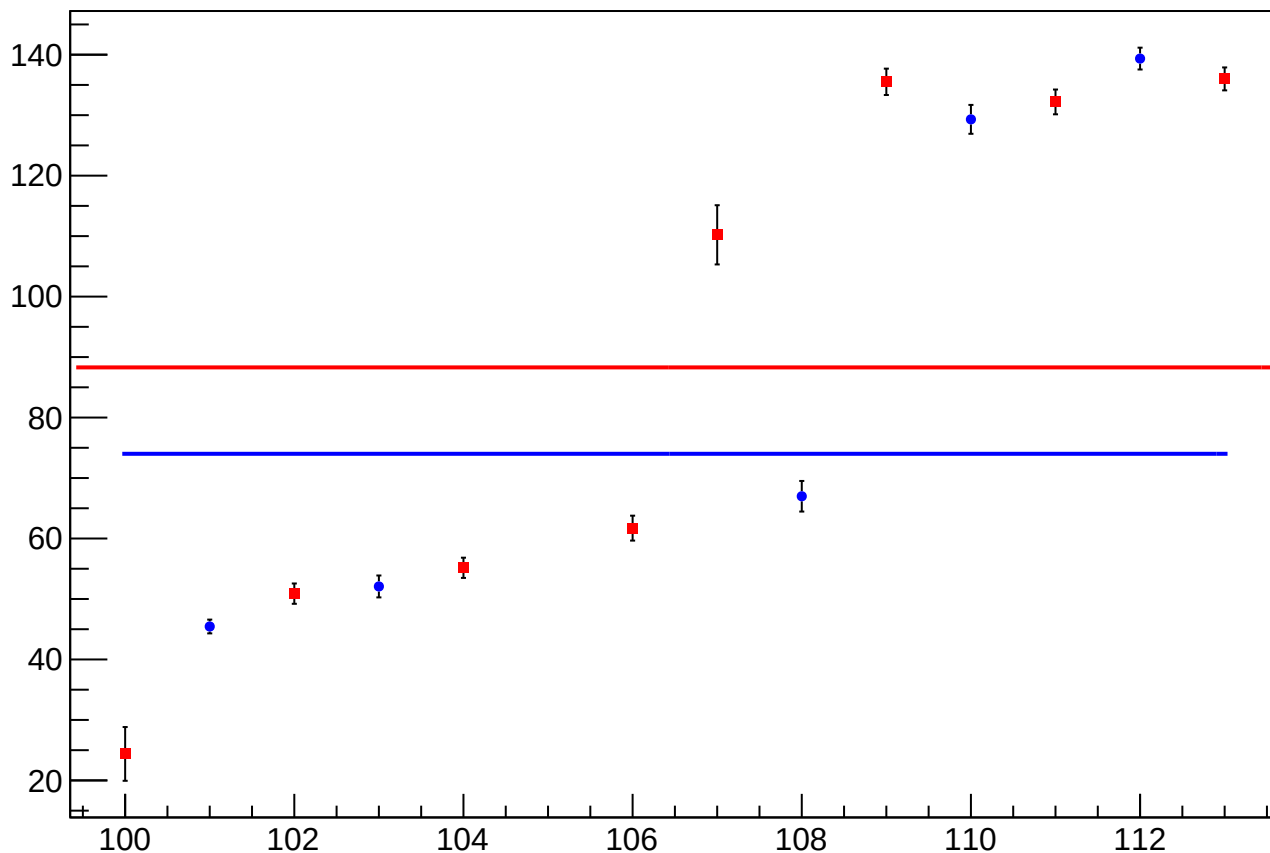
Right: 12.989+/-0.583 χ^2/NDF : 292.8/12

In: 10.351+/-0.832 χ^2/NDF : 182.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.989+/-0.583 χ^2/NDF : 292.8/12

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: 88.293+/-0.752 χ^2/NDF : 2842.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

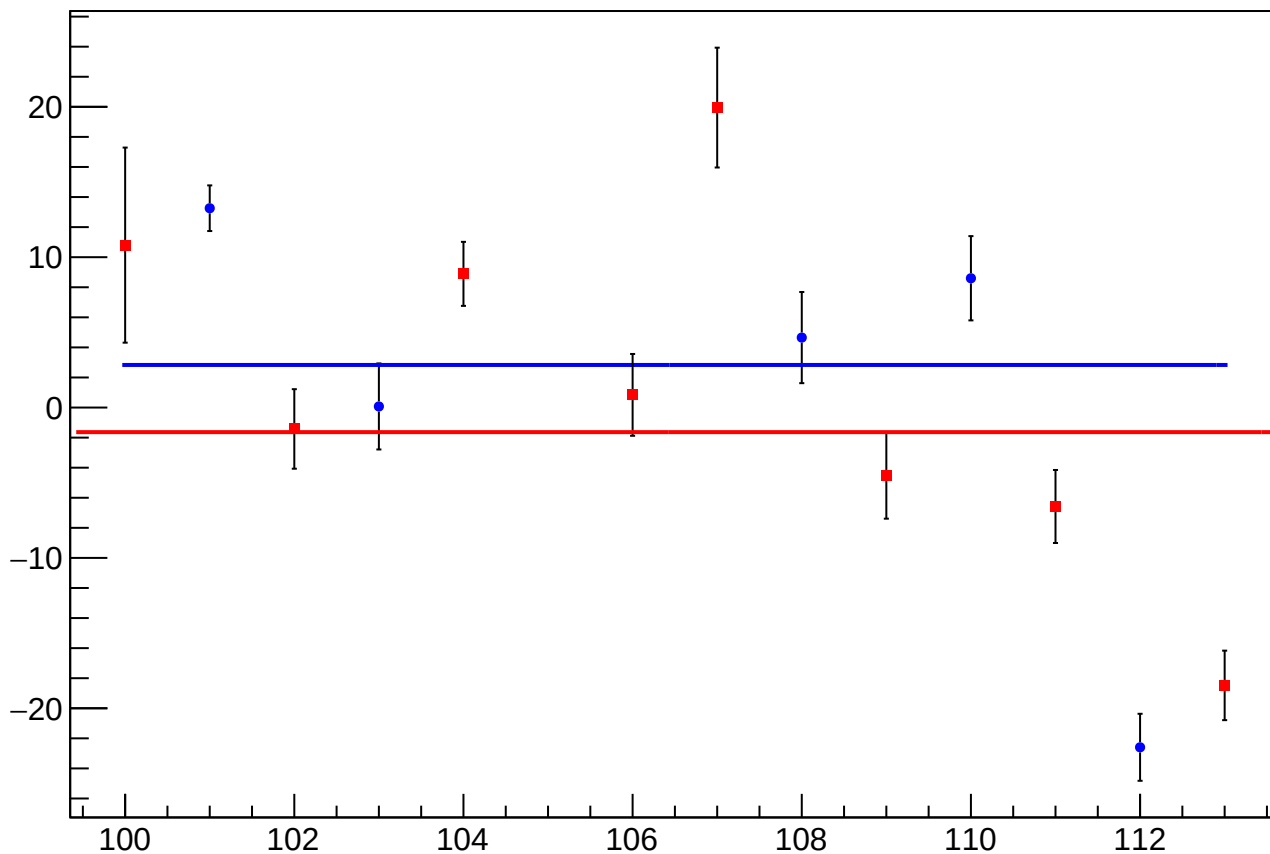
Right: 81.259+/-0.536 χ^2/NDF : 5649.6/12

In: 74.007+/-0.764 χ^2/NDF : 2629.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.259+/-0.536 χ^2/NDF : 5649.6/12

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: -1.635+/-0.970 χ^2/NDF : 116.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

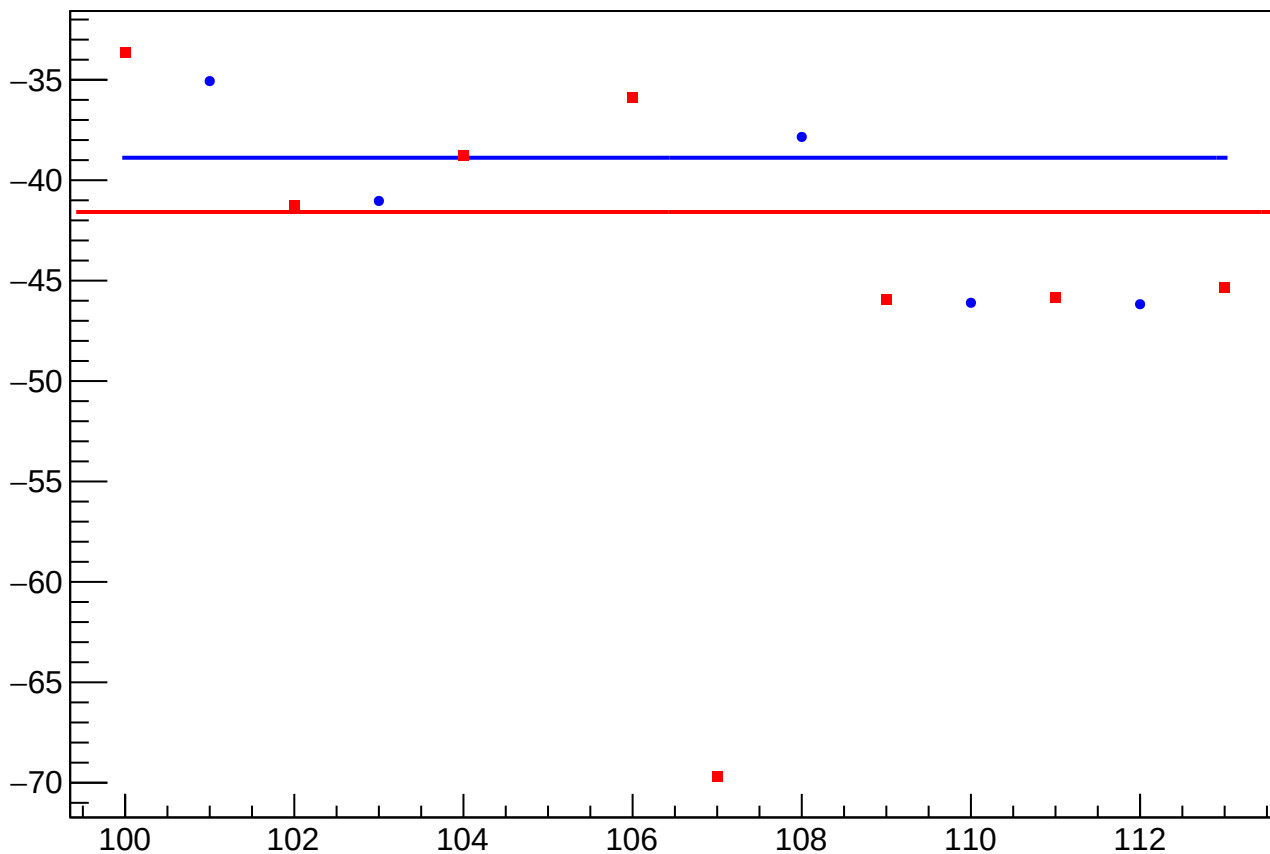
Right: 0.523+/-0.697 χ^2/NDF : 309.8/12

In: 2.833+/-1.003 χ^2/NDF : 183.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.523+/-0.697 χ^2/NDF : 309.8/12

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.880+/-0.042 χ^2/NDF : 8053.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -41.582+/-0.040 χ^2/NDF : 28143.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

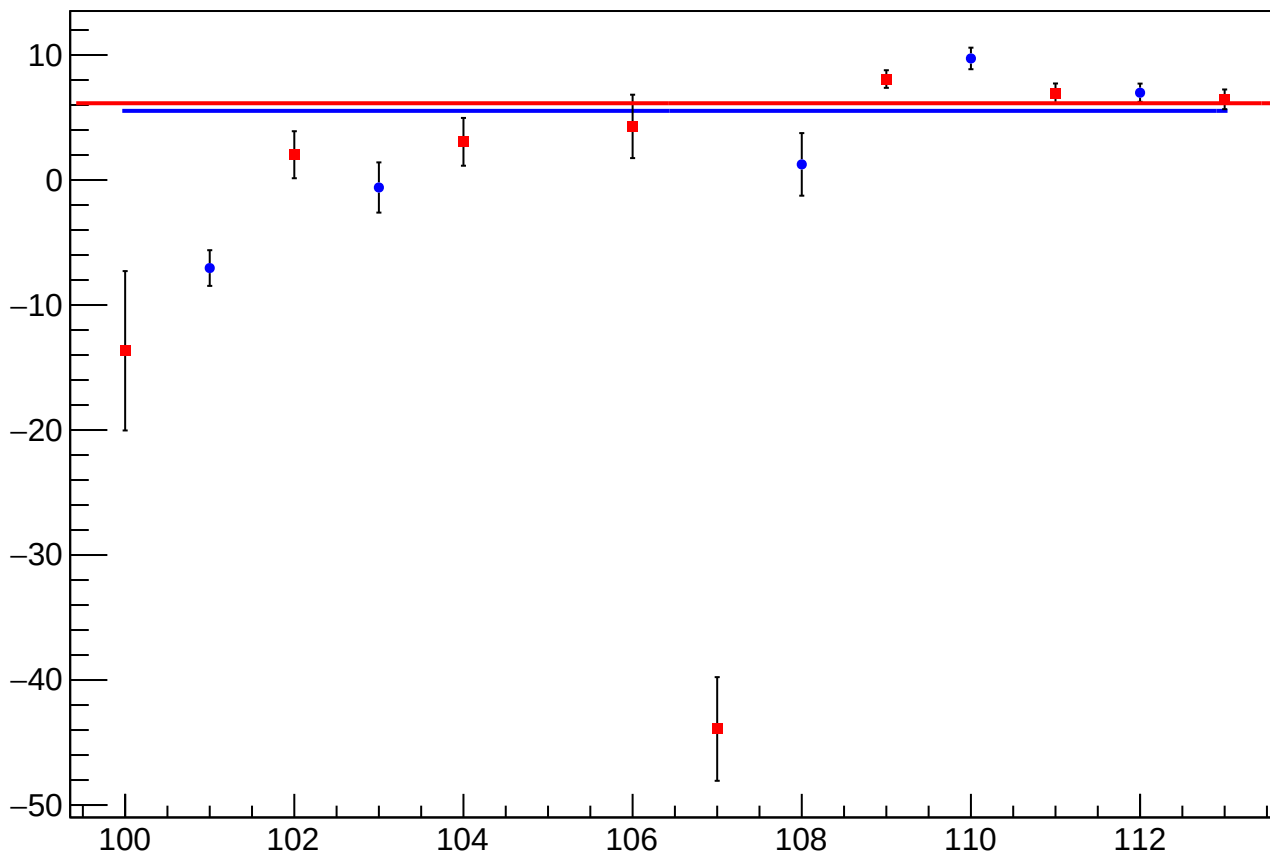
Right: -40.301+/-0.029 χ^2/NDF : 38341.3/12

In: -38.880+/-0.042 χ^2/NDF : 8053.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.301+/-0.029 χ^2/NDF : 38341.3/12

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: 6.141 $\pm$ 0.407 χ^2 /NDF: 172.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

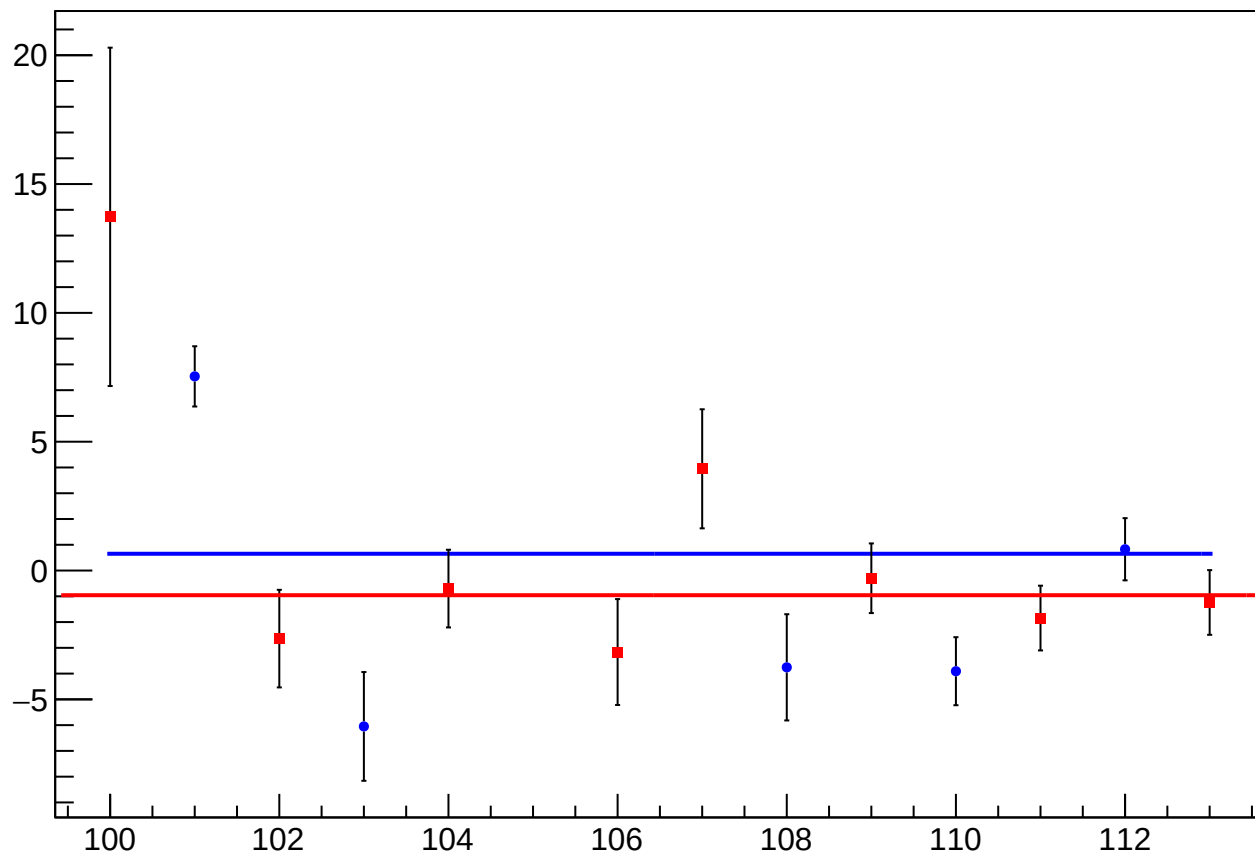
Right: 5.894 $\pm$ 0.314 χ^2 /NDF: 290.4/12

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: 5.894 $\pm$ 0.314 χ^2 /NDF: 290.4/12

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: -0.957+/-0.579 χ^2/NDF : 12.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

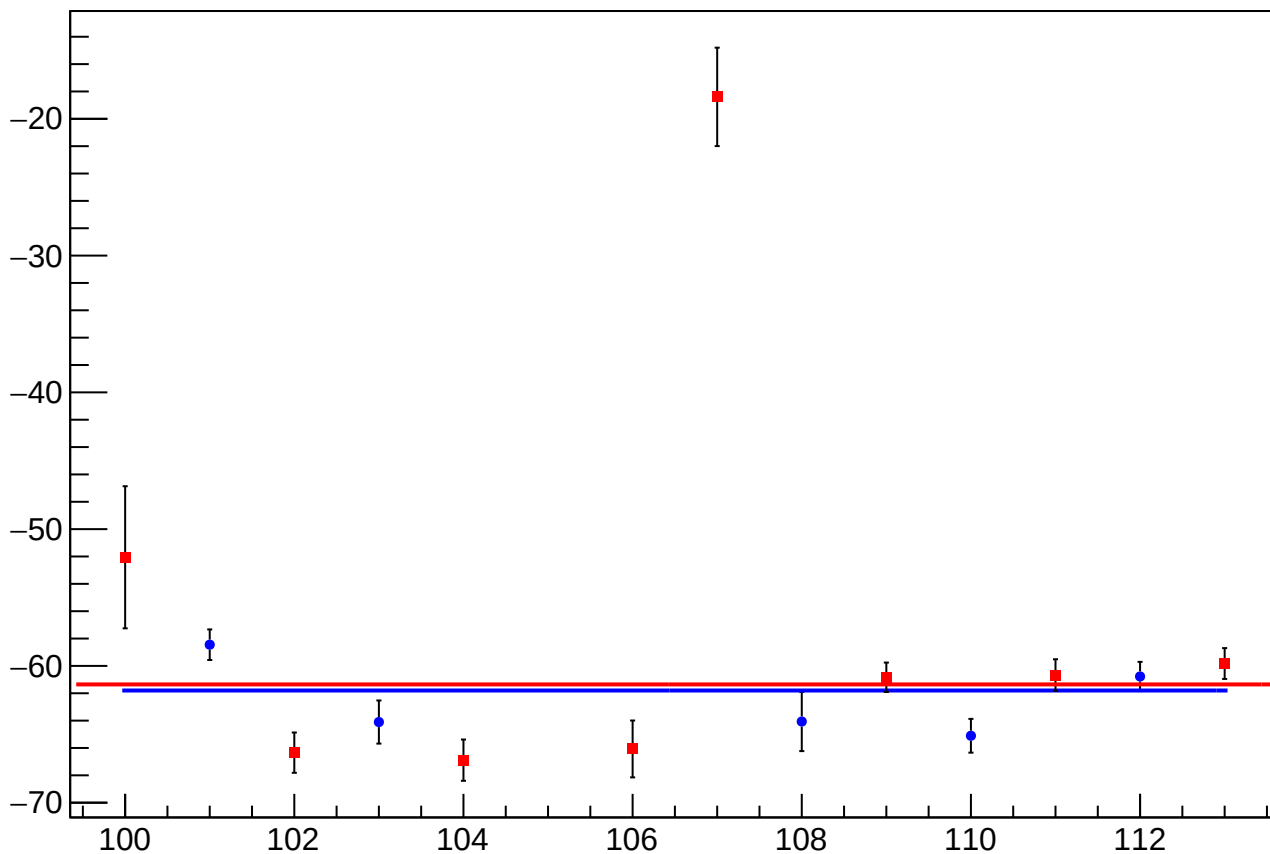
Right: -0.232+/-0.429 χ^2/NDF : 77.0/12

In: 0.651+/-0.639 χ^2/NDF : 61.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.232+/-0.429 χ^2/NDF : 77.0/12

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: -61.353 $\pm$ 0.524 χ^2 /NDF: 178.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

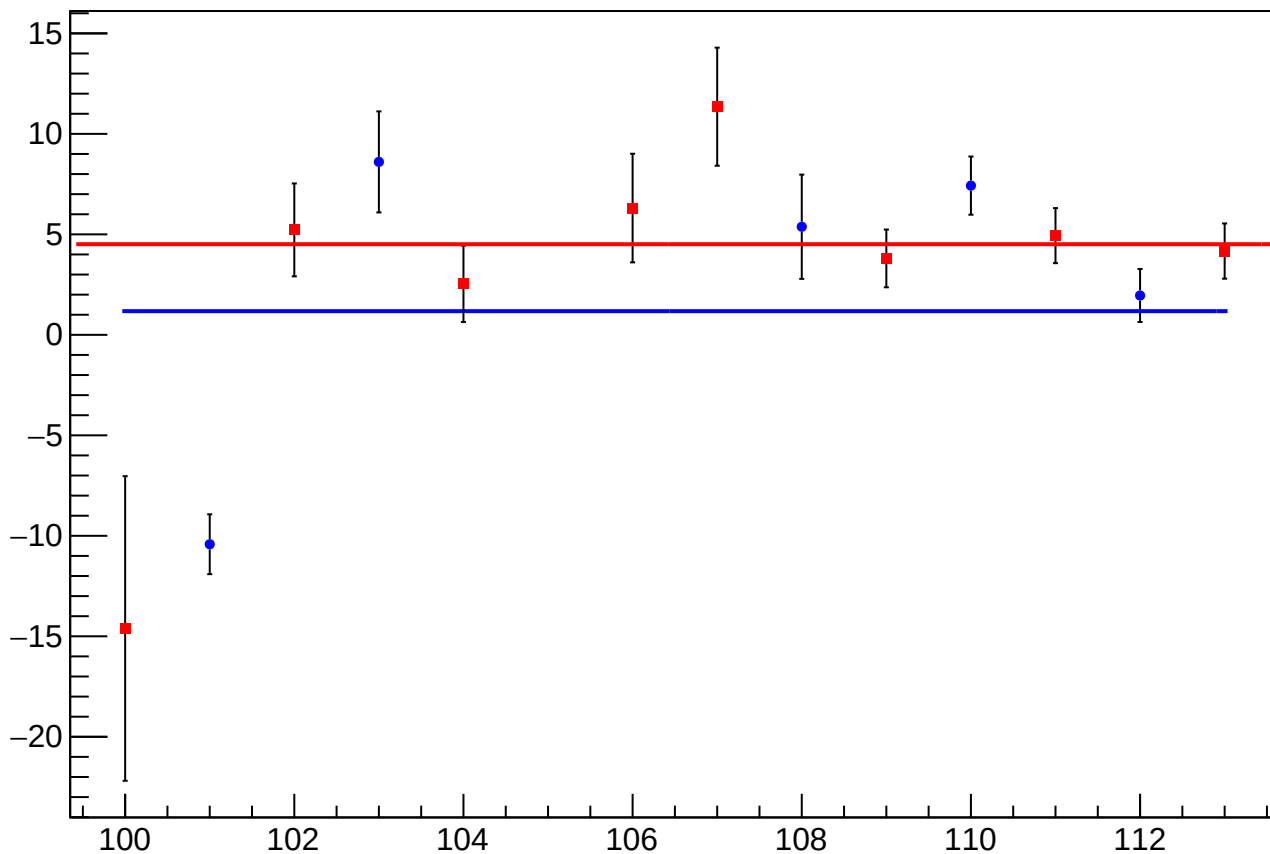
Right: -61.552 $\pm$ 0.389 χ^2 /NDF: 198.9/12

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: -61.552 $\pm$ 0.389 χ^2 /NDF: 198.9/12

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: 4.509+/-0.662 χ^2/NDF : 13.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

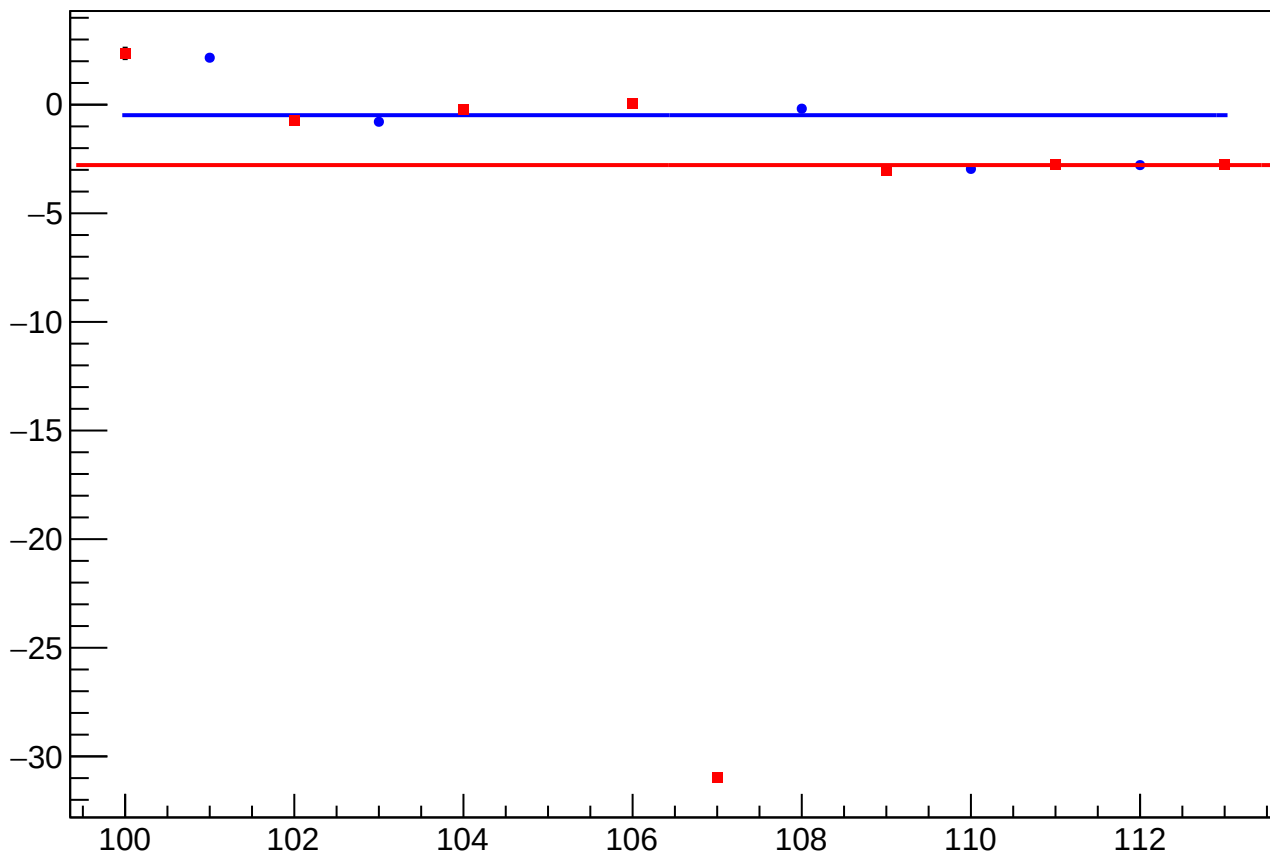
Right: 3.035+/-0.494 χ^2/NDF : 116.0/12

In: 1.178+/-0.743 χ^2/NDF : 91.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.035+/-0.494 χ^2/NDF : 116.0/12

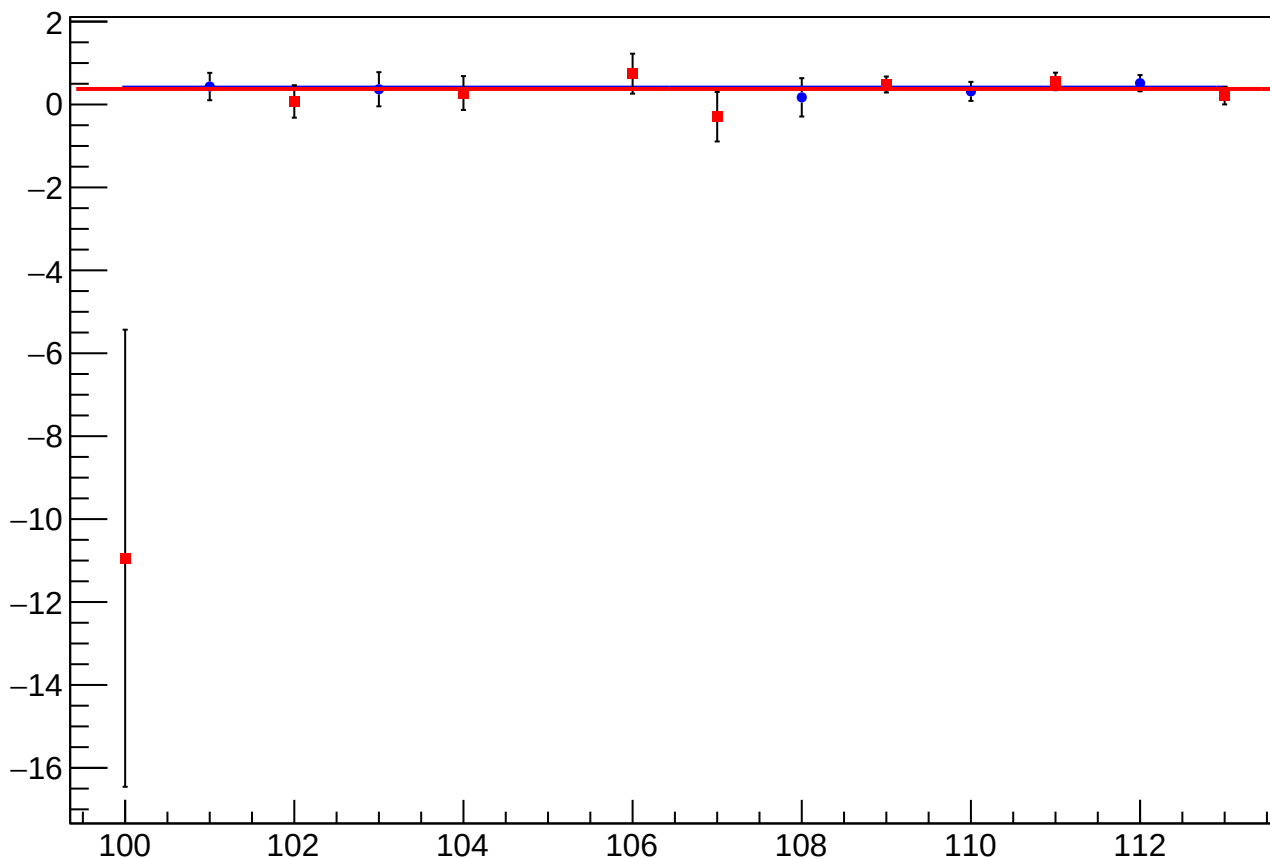
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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: -2.780 ± 0.032 $\chi^2/\text{NDF}: 40694.0/7$
 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: -1.746 ± 0.023 $\chi^2/\text{NDF}: 46021.7/12$
 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: -1.746 ± 0.023 $\chi^2/\text{NDF}: 46021.7/12$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.407+/-0.124 χ^2/NDF : 0.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.375+/-0.104 χ^2/NDF : 8.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

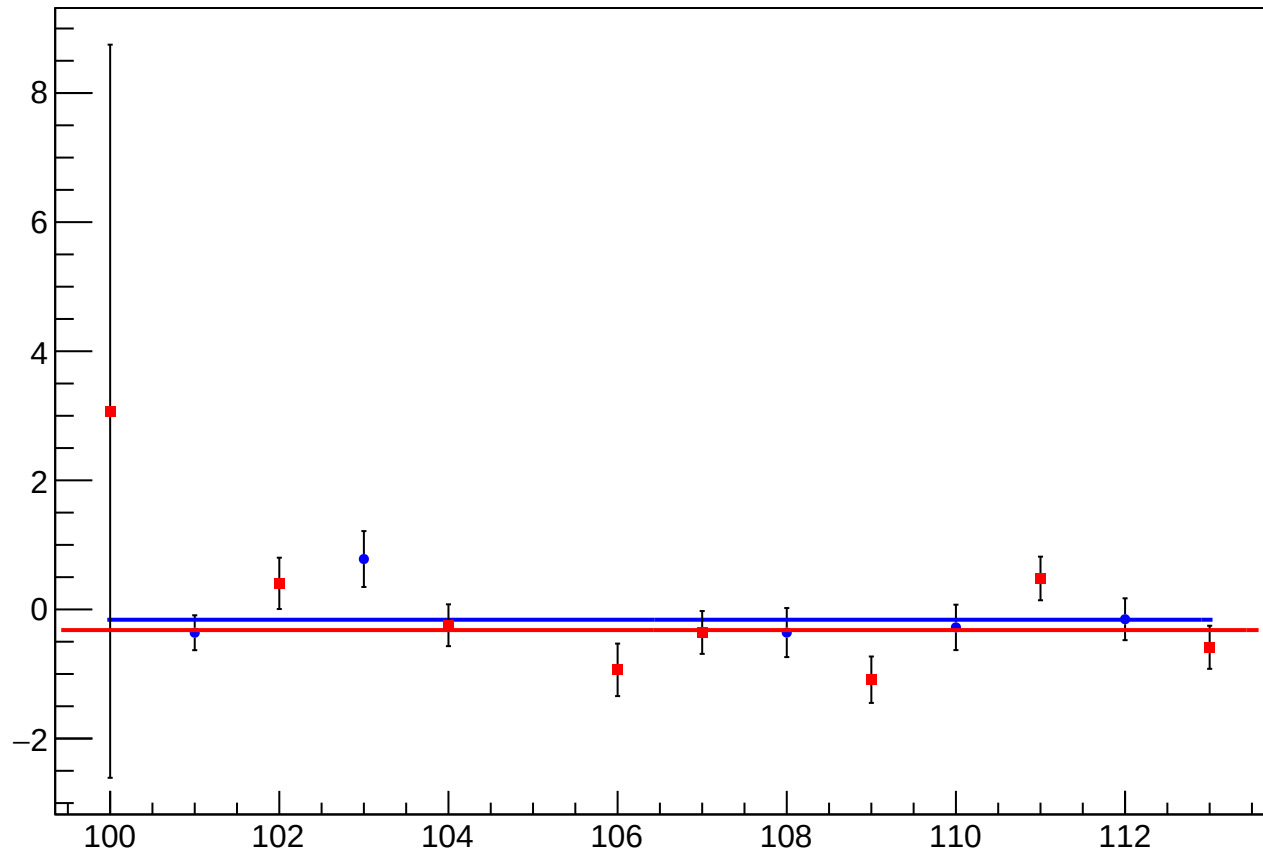
Right: 0.388+/-0.080 χ^2/NDF : 9.1/12

In: 0.407+/-0.124 χ^2/NDF : 0.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.388+/-0.080 χ^2/NDF : 9.1/12

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: -0.320 ± 0.133 χ^2/NDF : 16.8/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

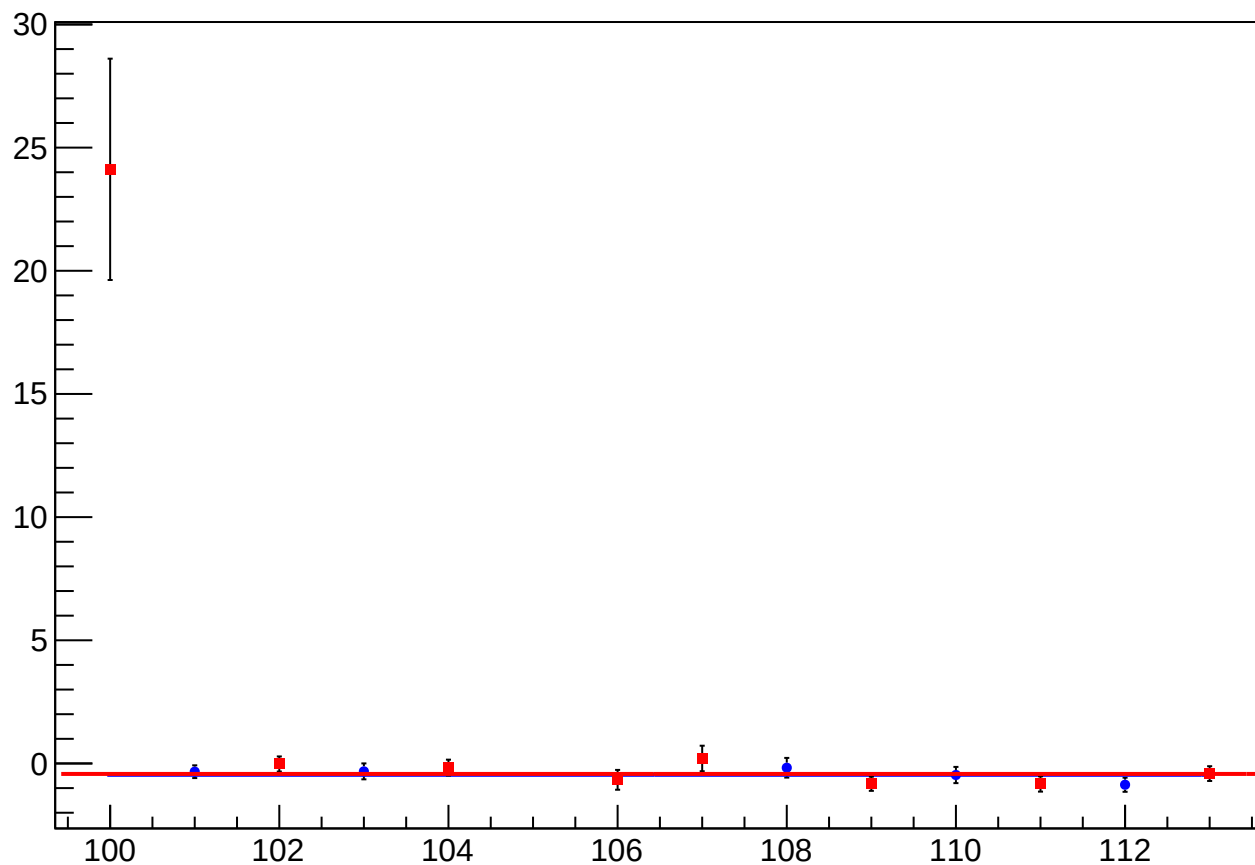
Right: -0.250 ± 0.100 χ^2/NDF : 23.1/12

In: -0.160 ± 0.152 χ^2/NDF : 5.7/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.250 ± 0.100 χ^2/NDF : 23.1/12

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.460 $\pm$ 0.138 χ^2 /NDF: 2.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.425 $\pm$ 0.125 χ^2 /NDF: 37.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

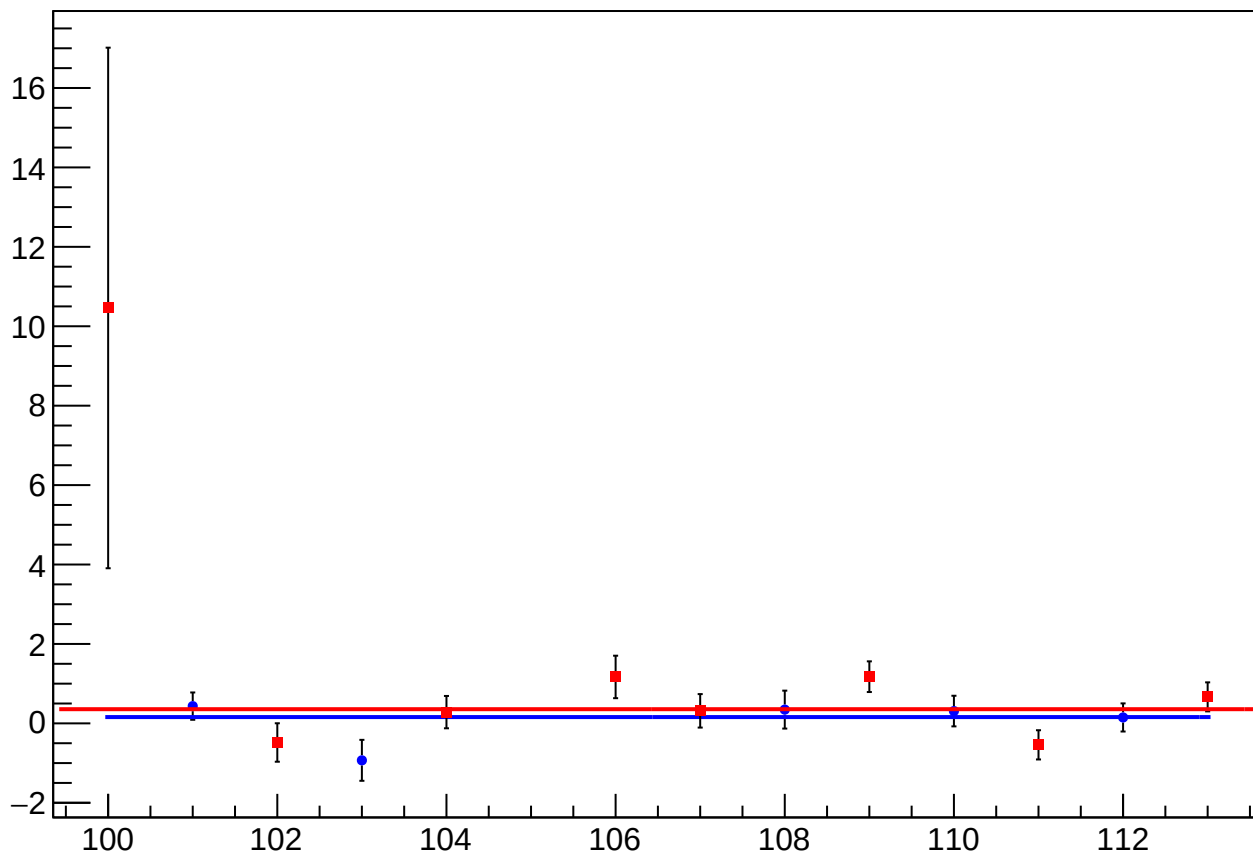
Right: -0.441 $\pm$ 0.093 χ^2 /NDF: 40.6/12

In: -0.460 $\pm$ 0.138 χ^2 /NDF:2.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.441 $\pm$ 0.093 χ^2 /NDF: 40.6/12

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: 0.357+/-0.156 χ^2/NDF : 18.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

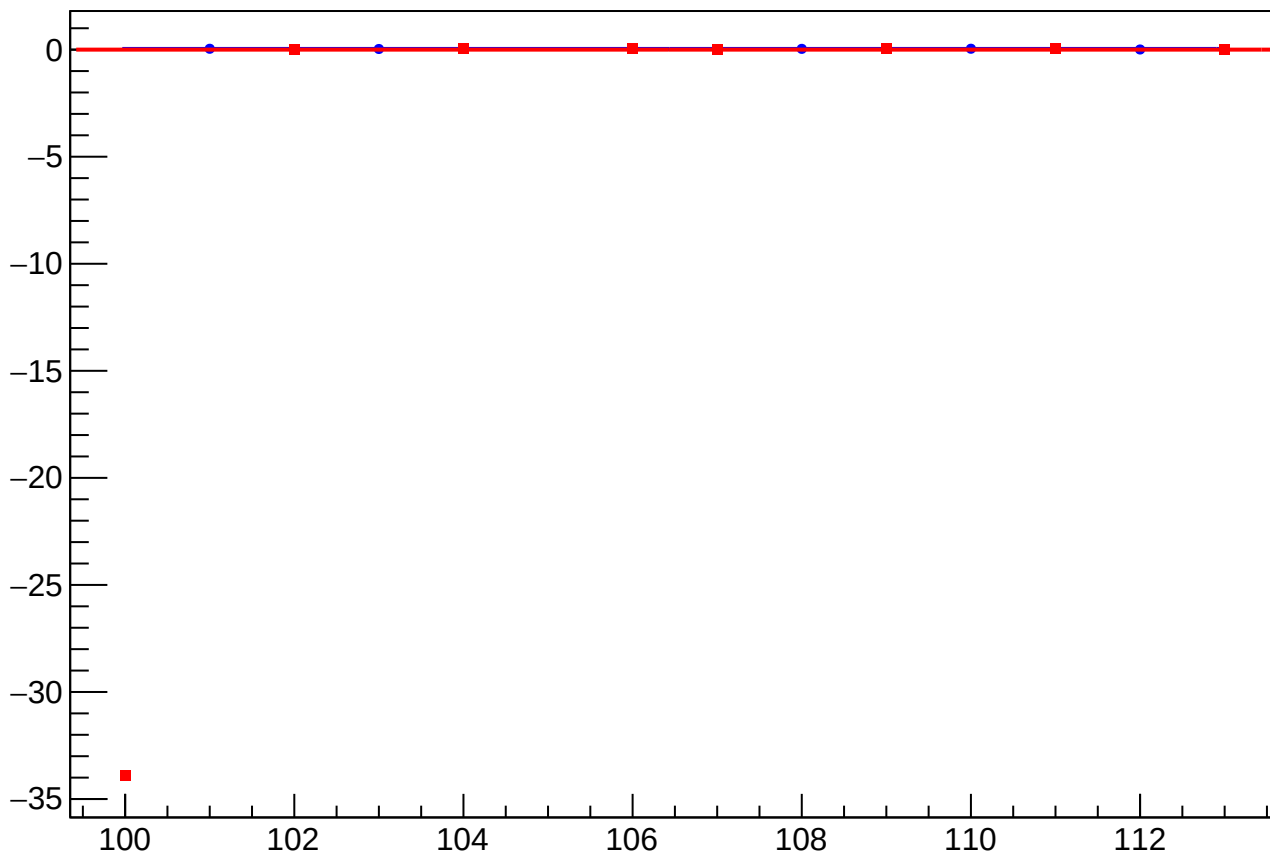
Right: 0.271+/-0.118 χ^2/NDF : 25.0/12

In: 0.158+/-0.179 χ^2/NDF : 5.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.271+/-0.118 χ^2/NDF : 25.0/12

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.033+/-0.008 χ^2/NDF : 1.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.007 χ^2/NDF : 22251.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

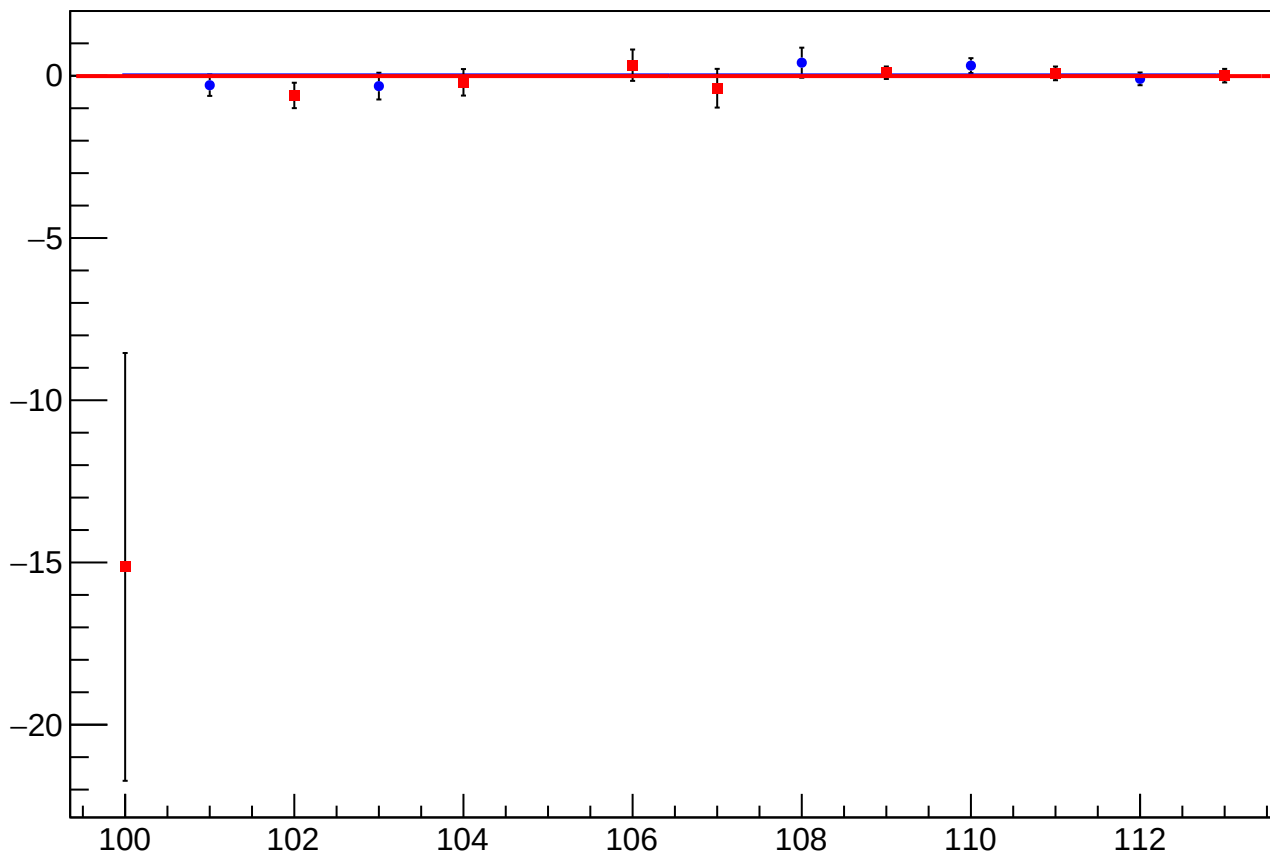
Right: 0.015+/-0.005 χ^2/NDF : 22262.6/12

In: 0.033+/-0.008 χ^2/NDF : 1.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.005 χ^2/NDF : 22262.6/12

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: -0.010+/-0.104 χ^2/NDF : 9.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

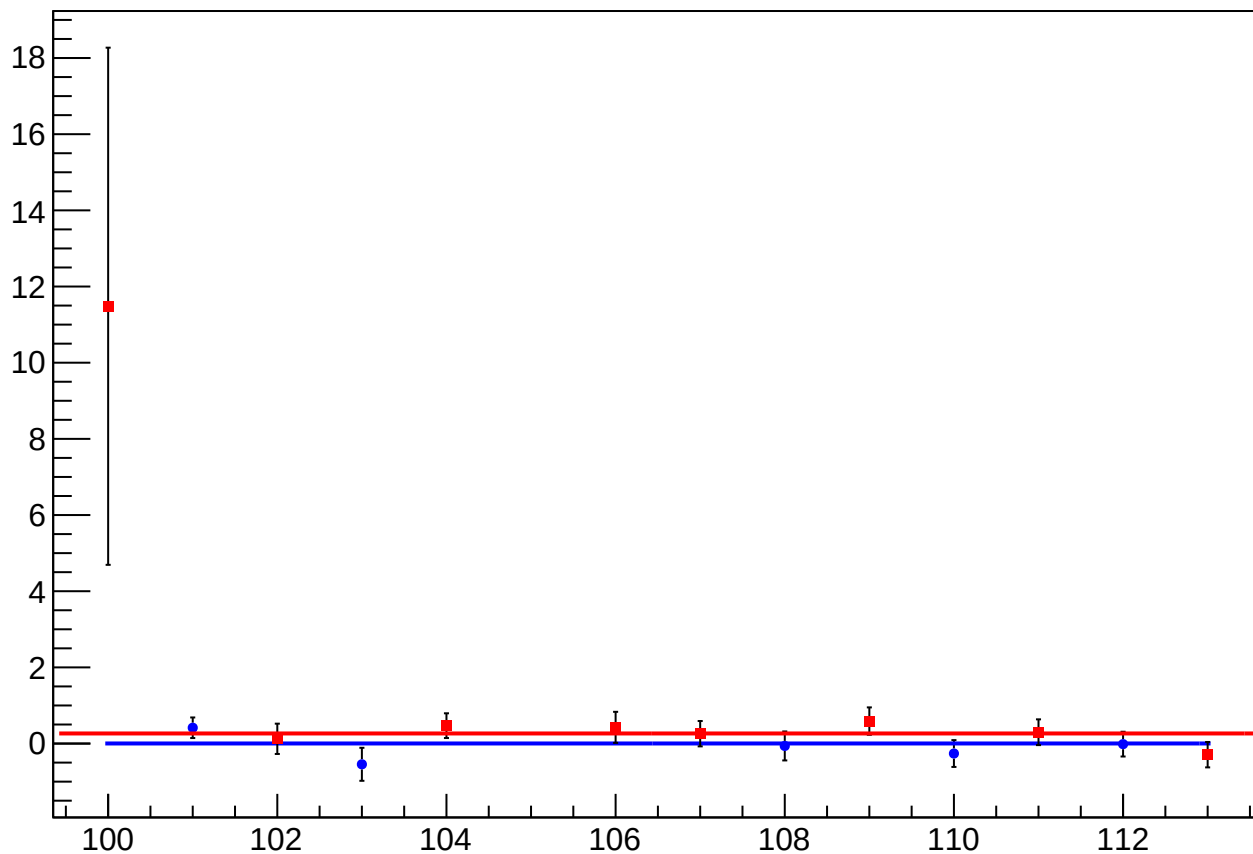
Right: -0.000+/-0.080 χ^2/NDF : 13.4/12

In: 0.013+/-0.124 χ^2/NDF : 4.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.080 χ^2/NDF : 13.4/12

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.002+/-0.152 χ^2/NDF : 4.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.265+/-0.133 χ^2/NDF : 7.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

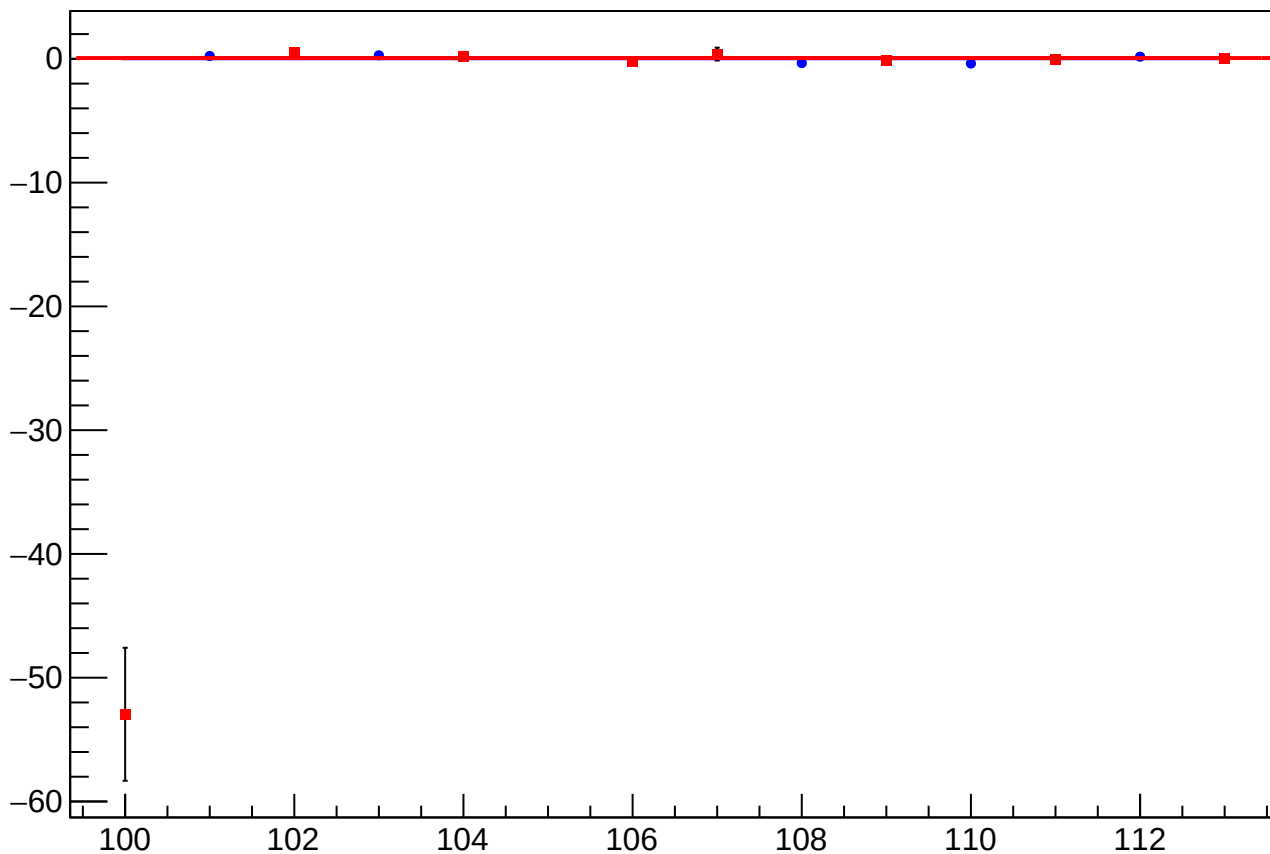
Right: 0.151+/-0.100 χ^2/NDF : 13.2/12

In: 0.002+/-0.152 χ^2/NDF : 4.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.151+/-0.100 χ^2/NDF : 13.2/12

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.052 $\pm$ 0.138 χ^2 /NDF: 3.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.064 $\pm$ 0.125 χ^2 /NDF: 100.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

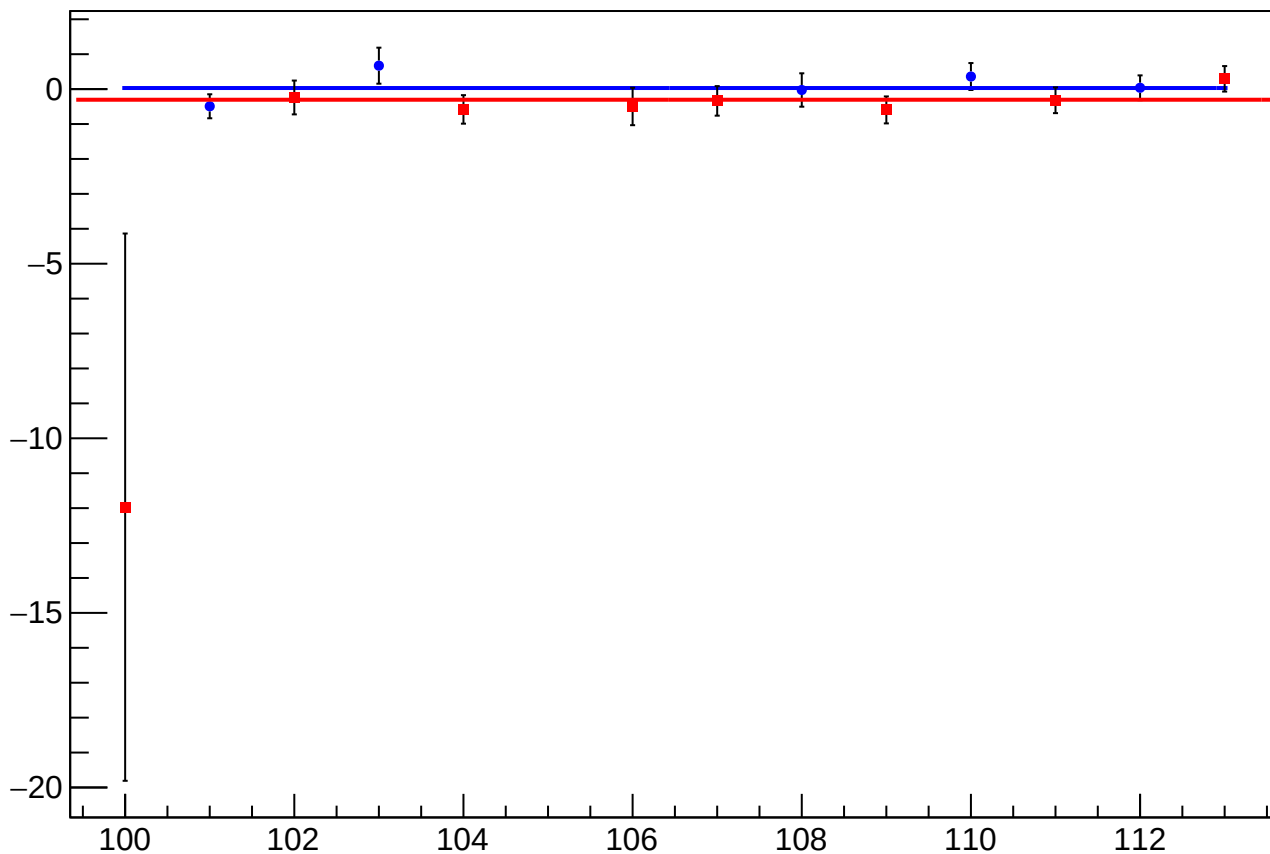
Right: 0.058 $\pm$ 0.093 χ^2 /NDF: 104.6/12

In: 0.052 $\pm$ 0.138 χ^2 /NDF: 3.8/4

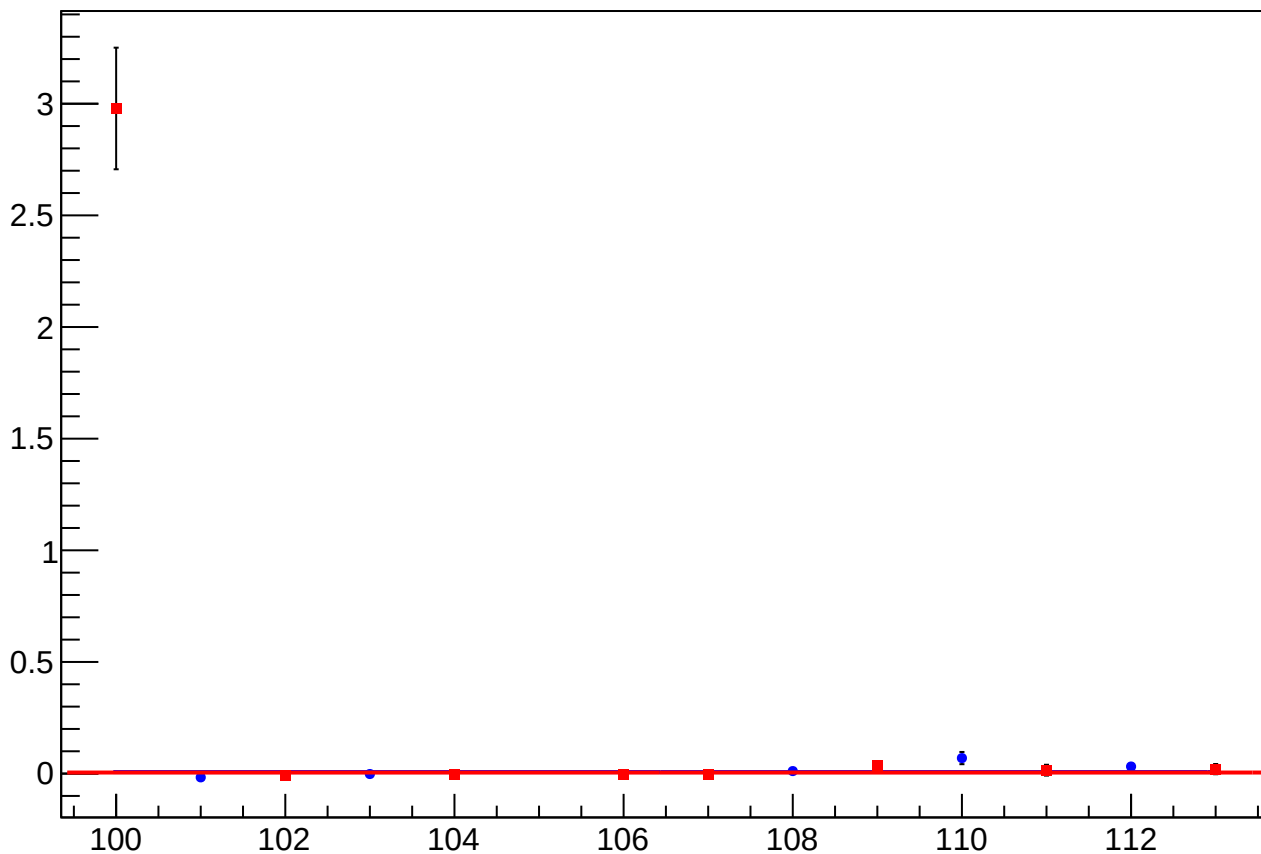
Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.058 $\pm$ 0.093 χ^2 /NDF: 104.6/12

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 0.005 $\pm$ 0.007 χ^2 /NDF: 123.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

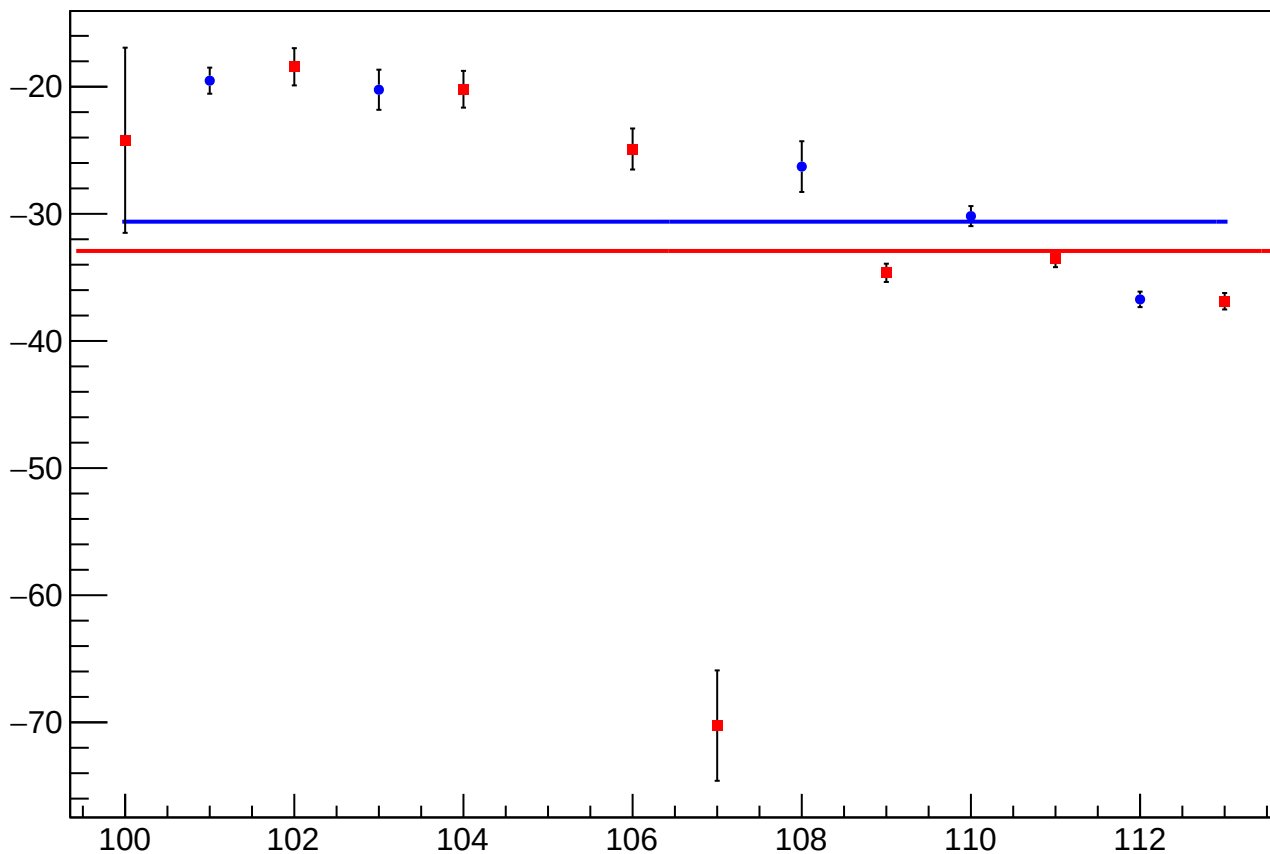
Right: 0.006 $\pm$ 0.005 χ^2 /NDF: 133.2/12

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: 0.006 $\pm$ 0.005 χ^2 /NDF: 133.2/12

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: -32.920+/-0.355 χ^2/NDF : 319.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

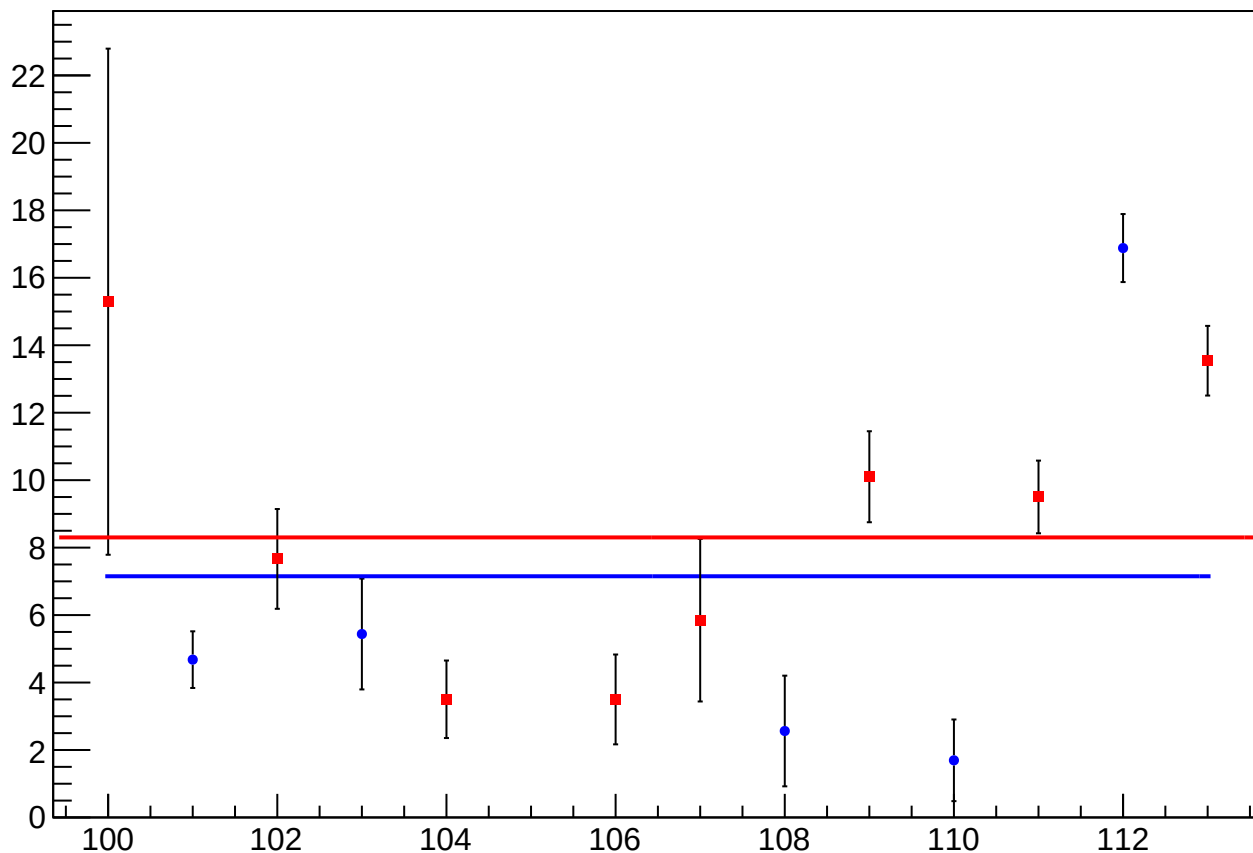
Right: -31.936+/-0.269 χ^2/NDF : 602.7/12

In: -30.616+/-0.411 χ^2/NDF : 265.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.936+/-0.269 χ^2/NDF : 602.7/12

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: 8.302+/-0.481 χ^2/NDF : 61.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

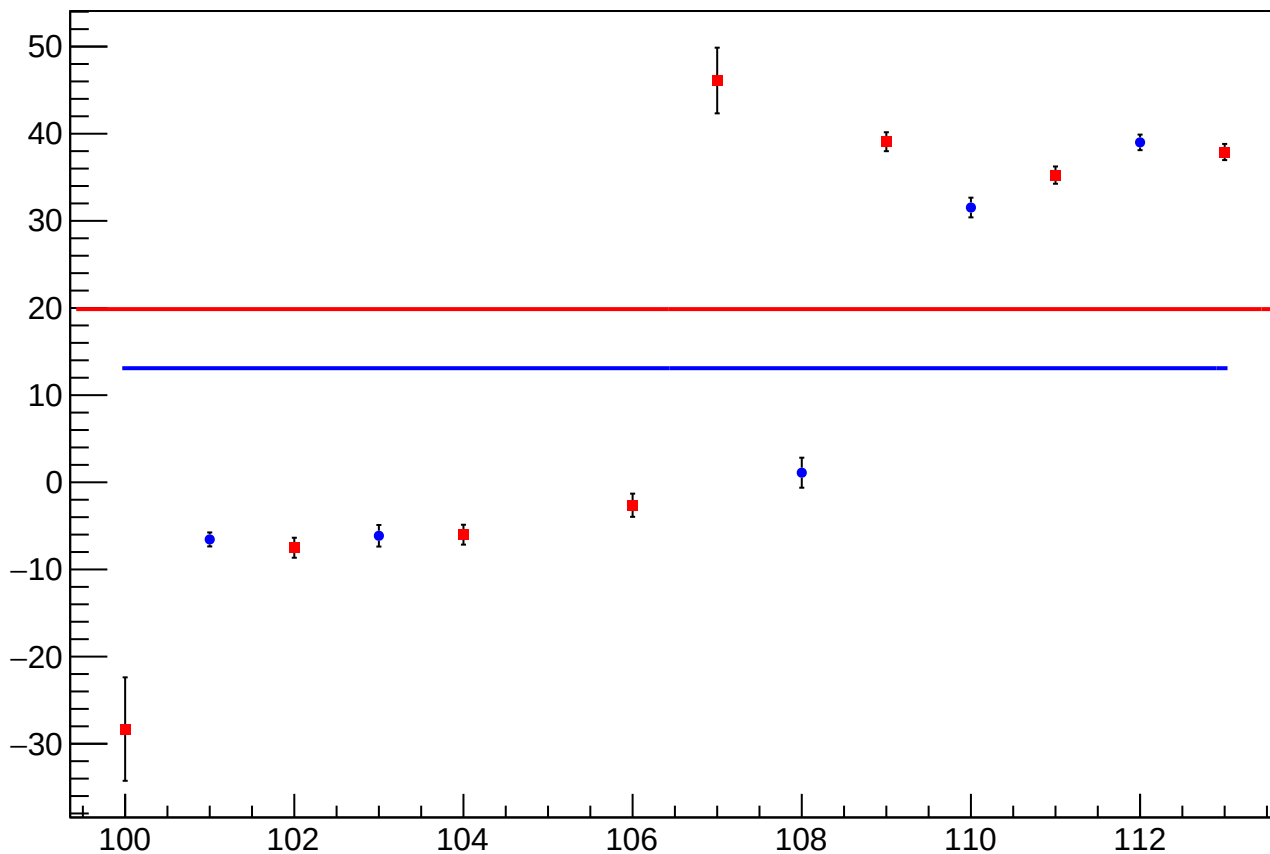
Right: 7.761+/-0.350 χ^2/NDF : 195.0/12

In: 7.151+/-0.511 χ^2/NDF : 131.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.761+/-0.350 χ^2/NDF : 195.0/12

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: 19.874+/-0.438 χ^2/NDF : 2416.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

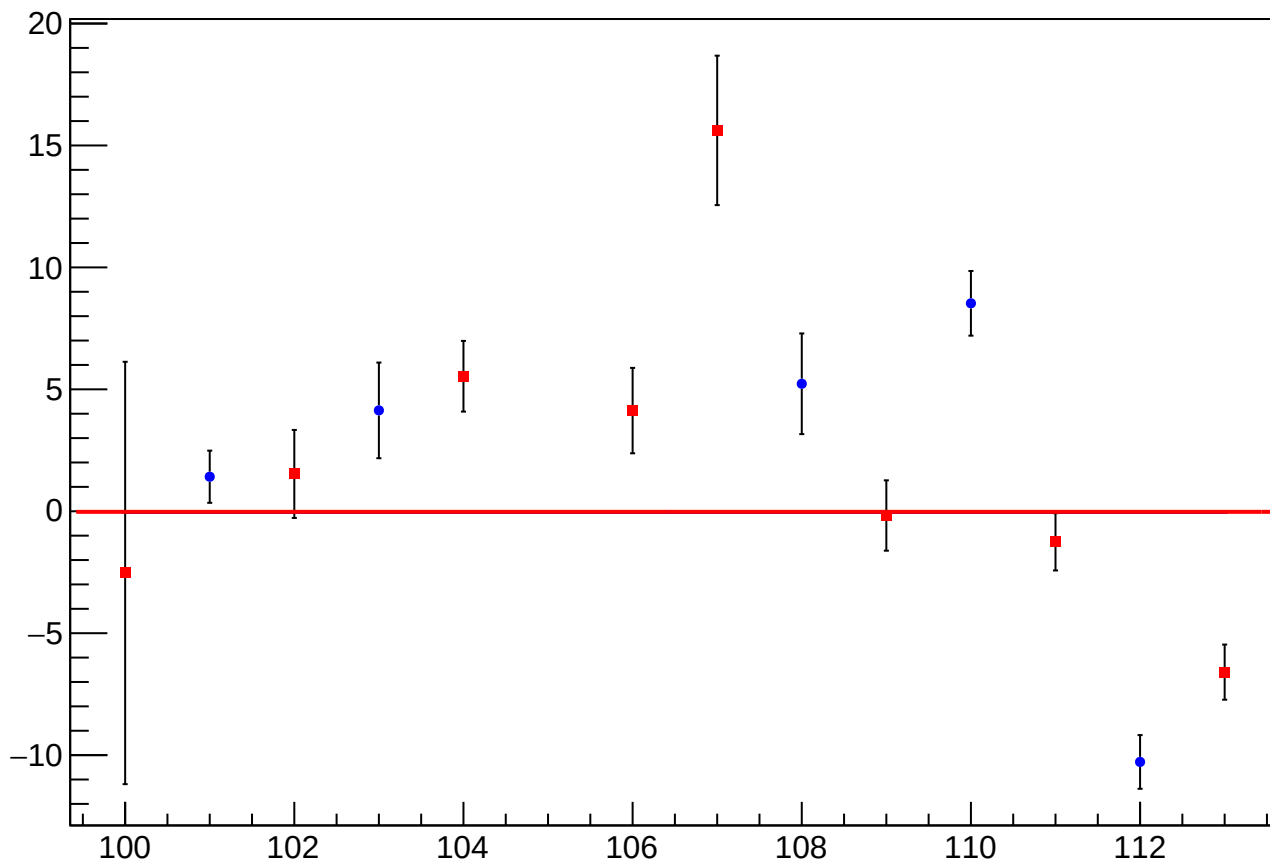
Right: 16.706+/-0.319 χ^2/NDF : 4526.7/12

In: 13.093+/-0.467 χ^2/NDF : 1998.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.706+/-0.319 χ^2/NDF : 4526.7/12

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: -0.023+/-0.558 χ^2/NDF : 82.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

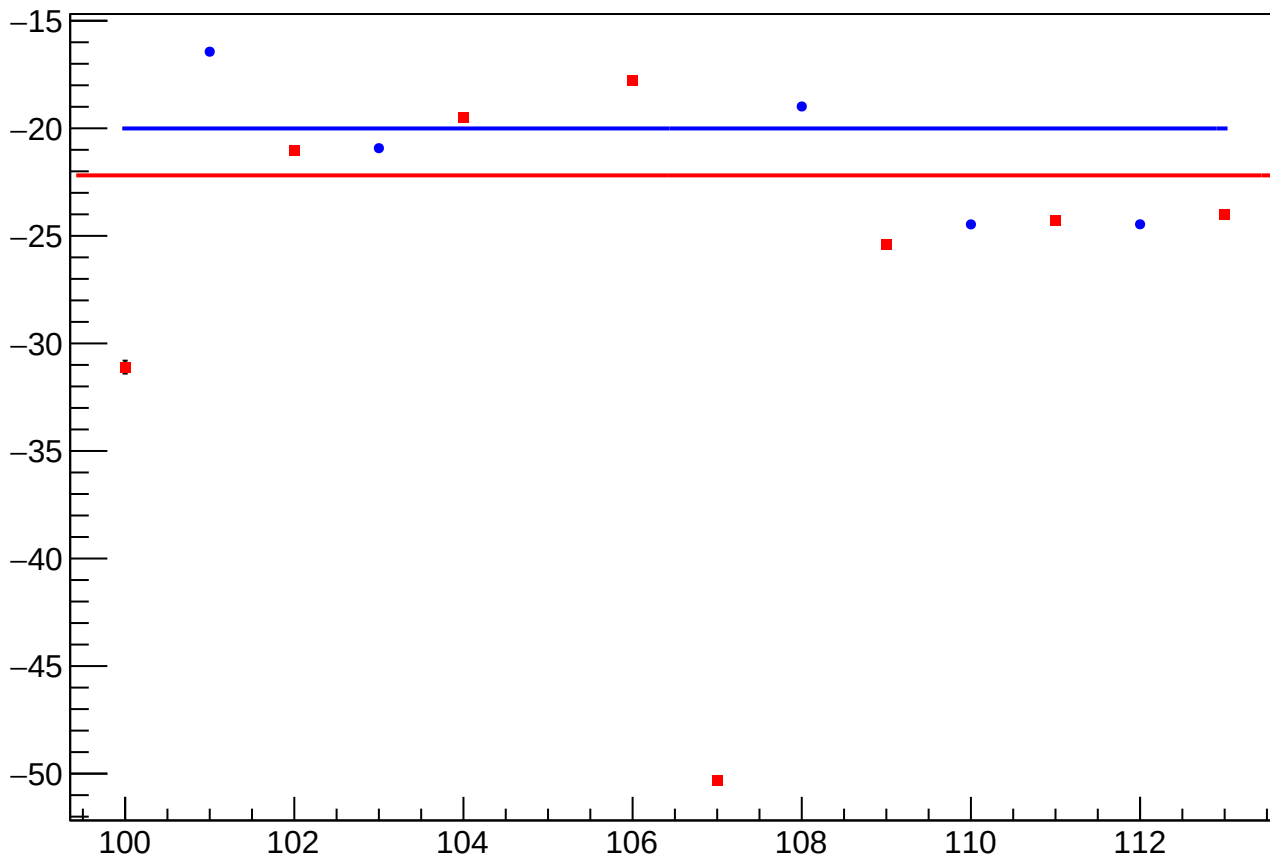
Right: -0.027+/-0.409 χ^2/NDF : 223.2/12

In: -0.030+/-0.602 χ^2/NDF : 141.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.027+/-0.409 χ^2/NDF : 223.2/12

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.006 $\pm$ 0.027 χ^2 /NDF: 12415.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -22.188 $\pm$ 0.025 χ^2 /NDF: 45735.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

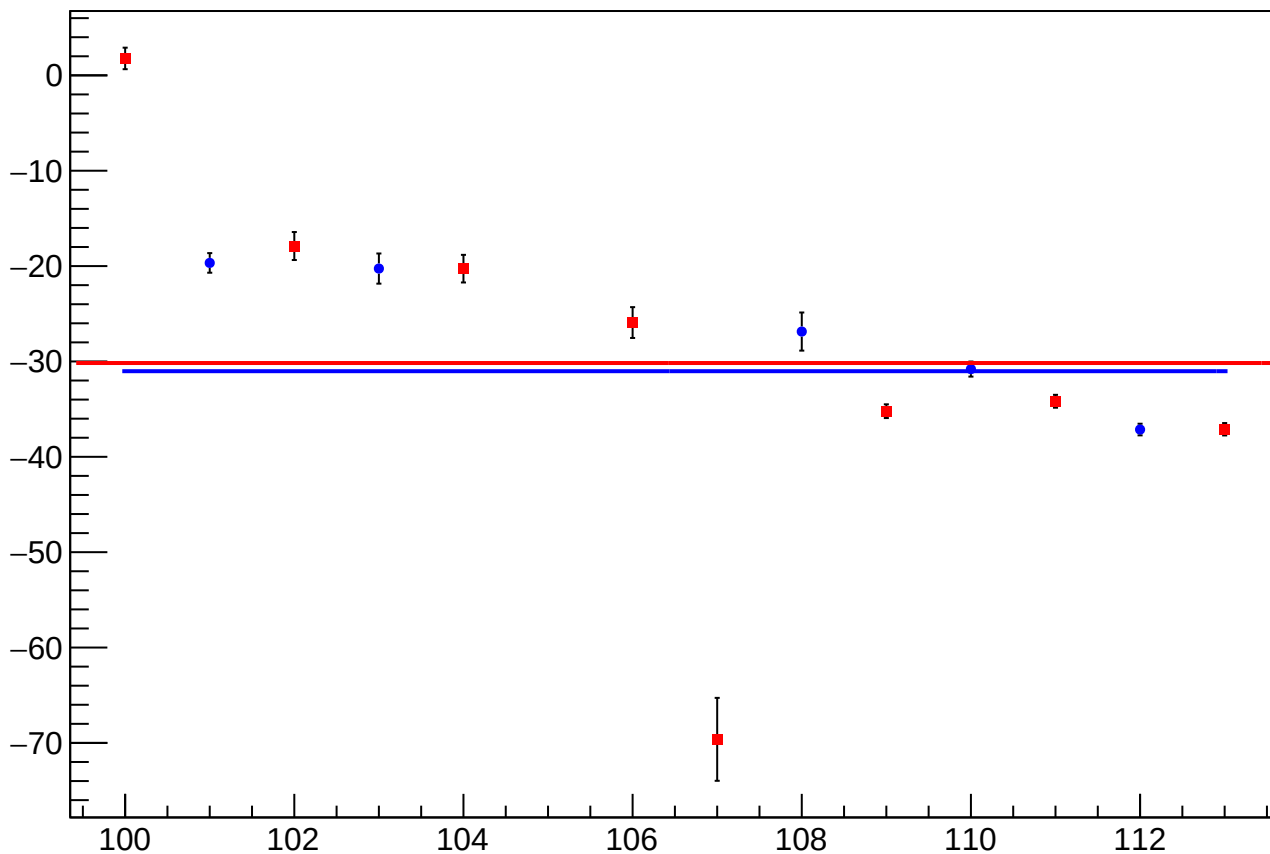
Right: -21.186 $\pm$ 0.019 χ^2 /NDF: 61569.9/12

In: -20.006 $\pm$ 0.027 χ^2 /NDF:12415.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -21.186 $\pm$ 0.019 χ^2 /NDF: 61569.9/12

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: -30.164 ± 0.340 χ^2/NDF : 1206.1/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

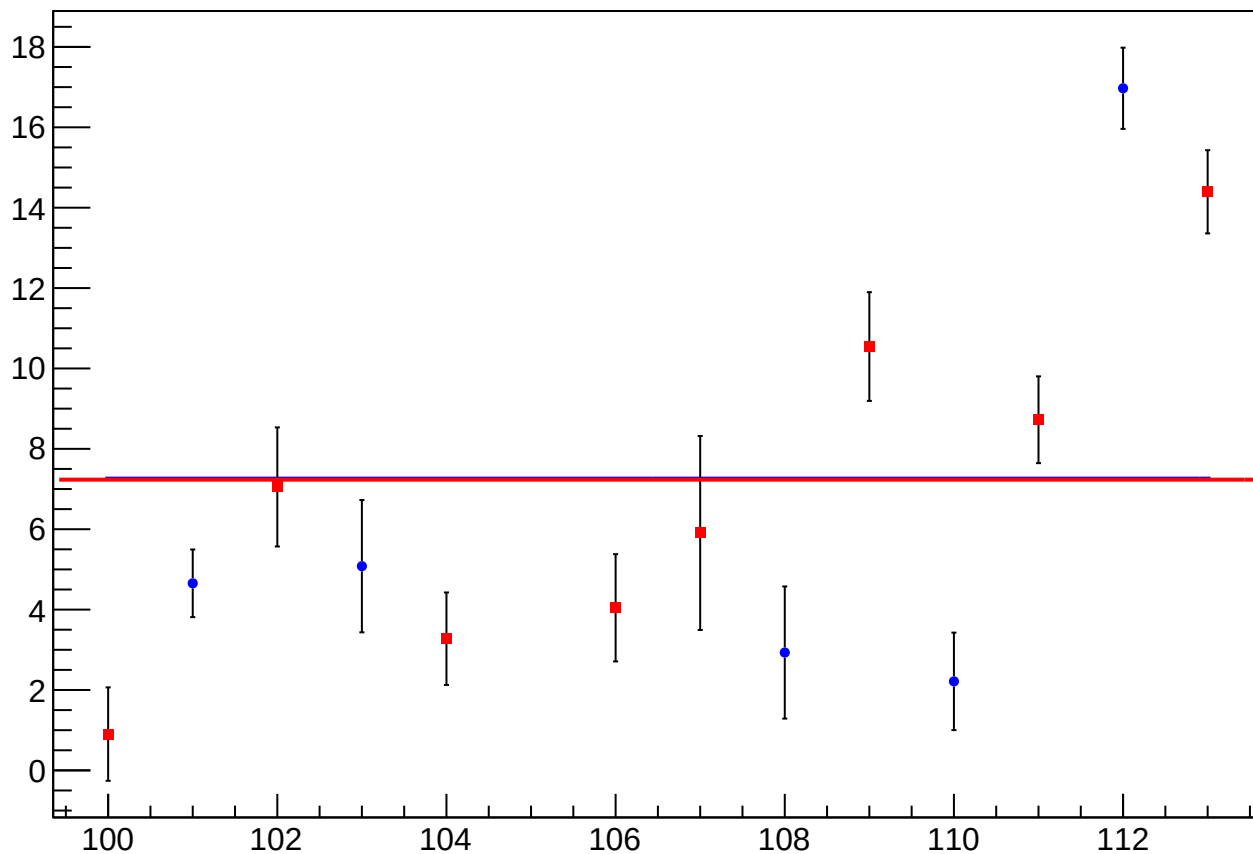
Right: -30.511 ± 0.262 χ^2/NDF : 1481.9/12

In: -31.022 ± 0.412 χ^2/NDF : 273.2/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -30.511 ± 0.262 χ^2/NDF : 1481.9/12

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: 7.233+/-0.446 χ^2/NDF : 103.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

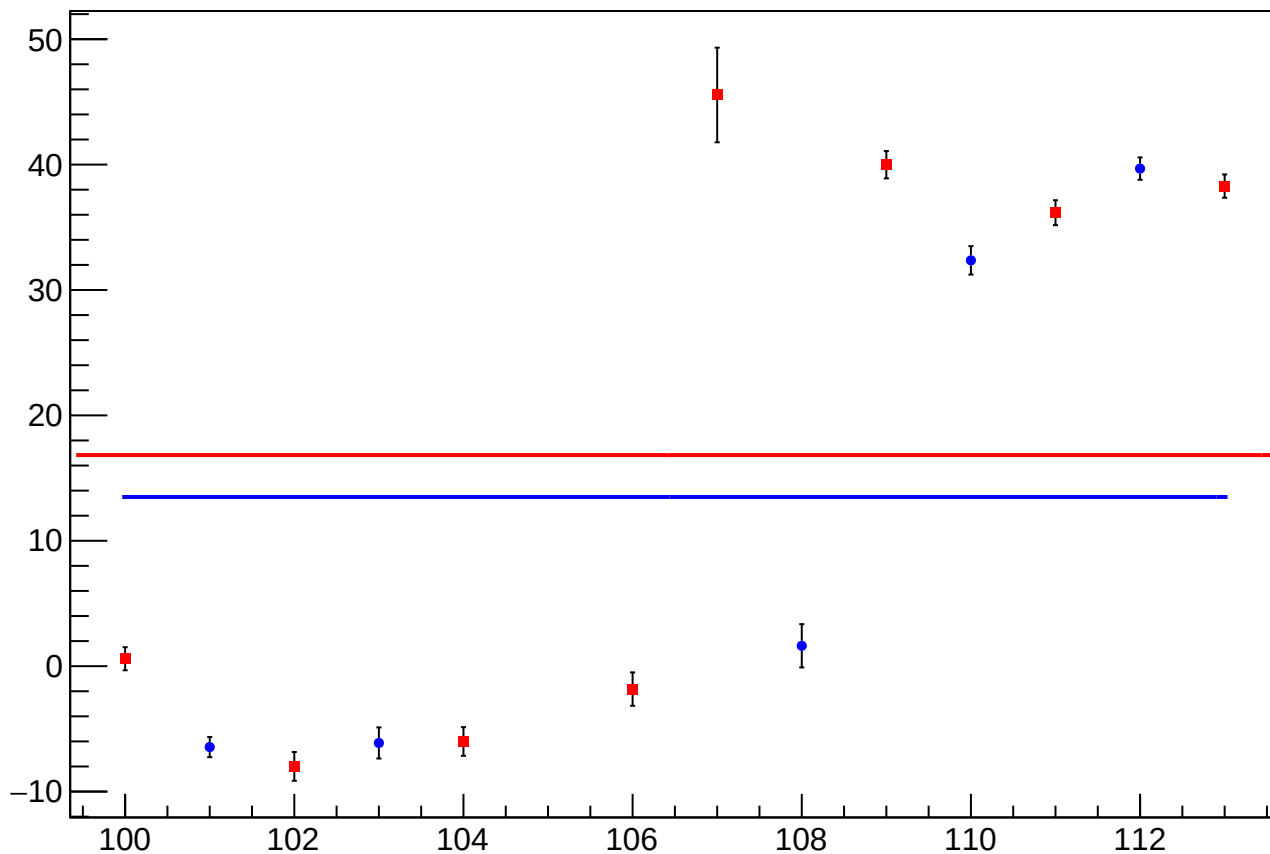
Right: 7.244+/-0.336 χ^2/NDF : 231.3/12

In: 7.259+/-0.512 χ^2/NDF : 128.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.244+/-0.336 χ^2/NDF : 231.3/12

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: 16.834+/-0.397 χ^2/NDF : 2797.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

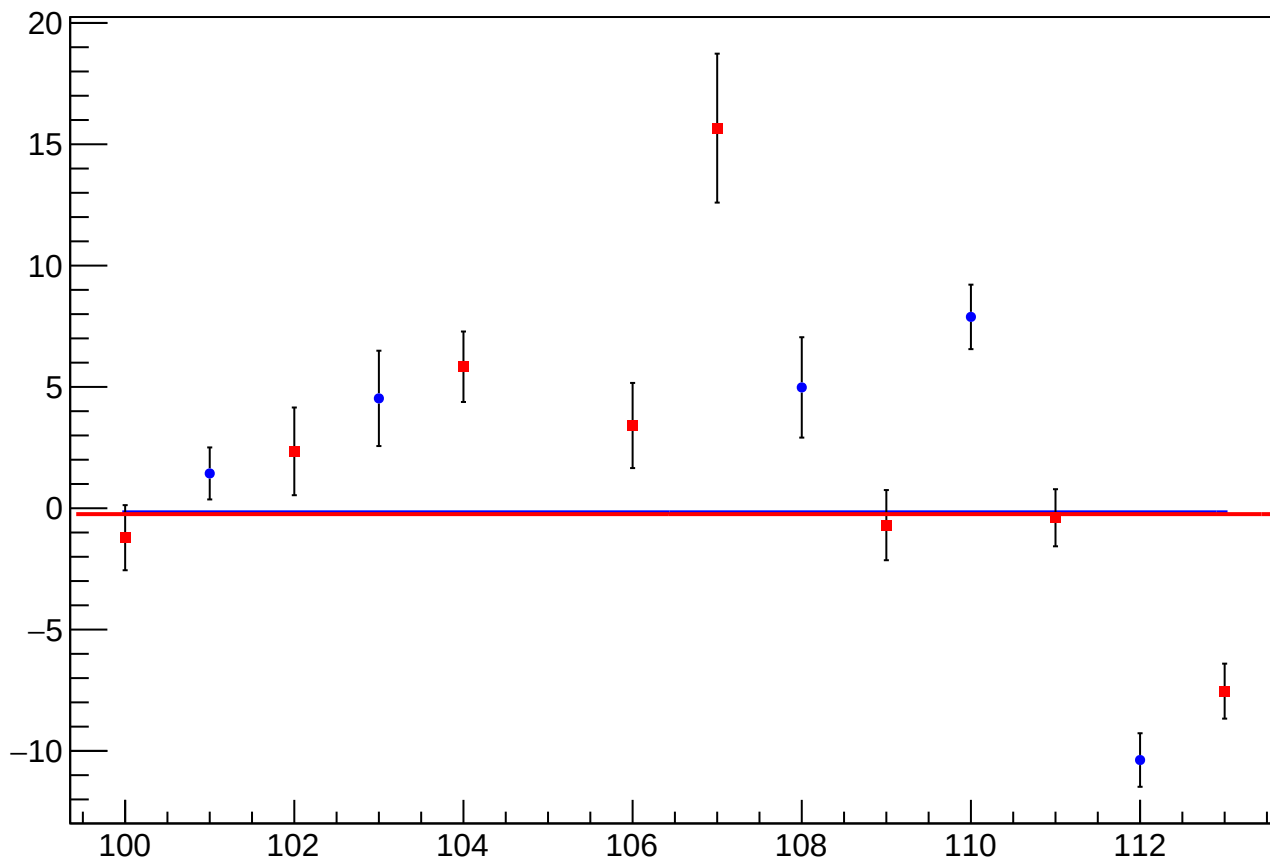
Right: 15.439+/-0.303 χ^2/NDF : 4874.4/12

In: 13.493+/-0.468 χ^2/NDF : 2047.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.439+/-0.303 χ^2/NDF : 4874.4/12

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: -0.242+/-0.517 χ^2/NDF : 92.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

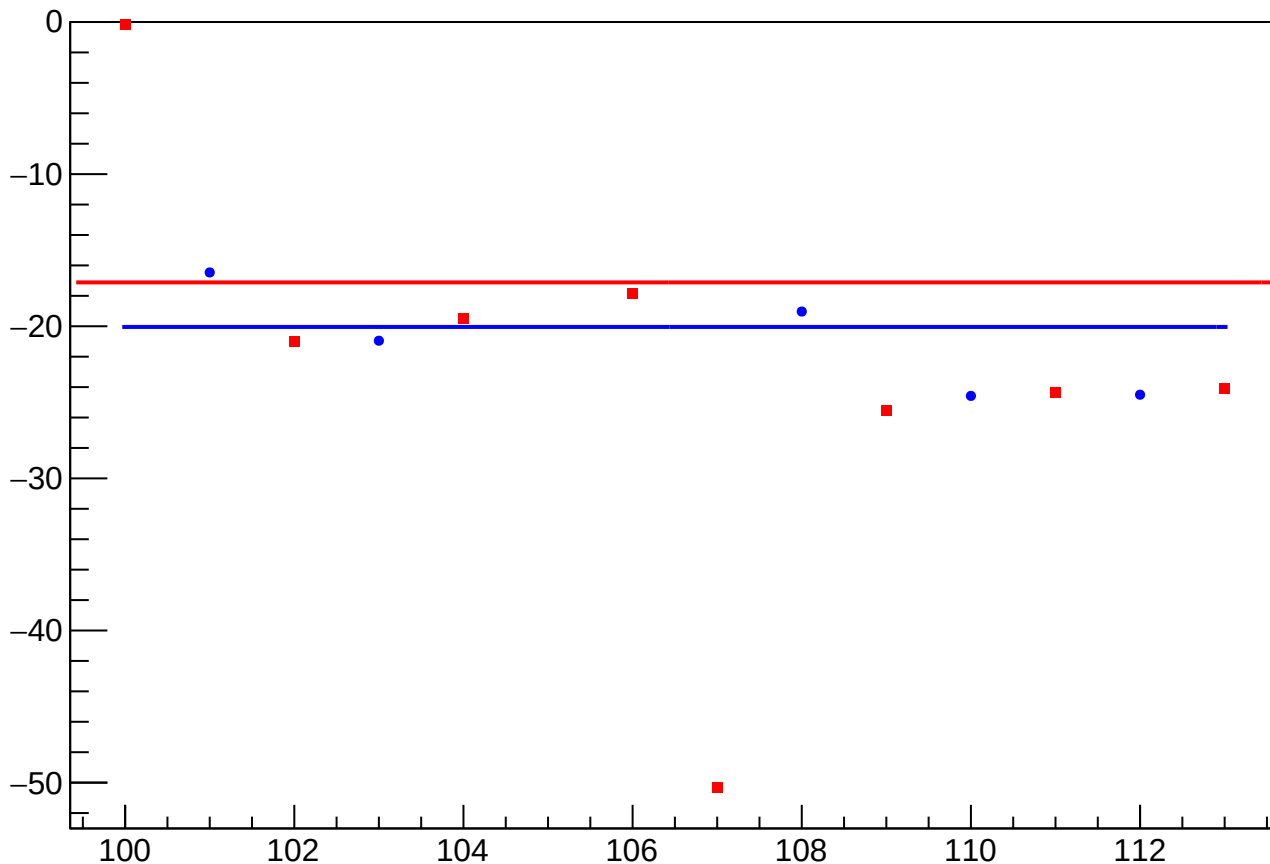
Right: -0.211+/-0.392 χ^2/NDF : 229.3/12

In: -0.169+/-0.603 χ^2/NDF : 136.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.211+/-0.392 χ^2/NDF : 229.3/12

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.045+/-0.027 χ^2/NDF : 12473.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.116+/-0.022 χ^2/NDF : 216609.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

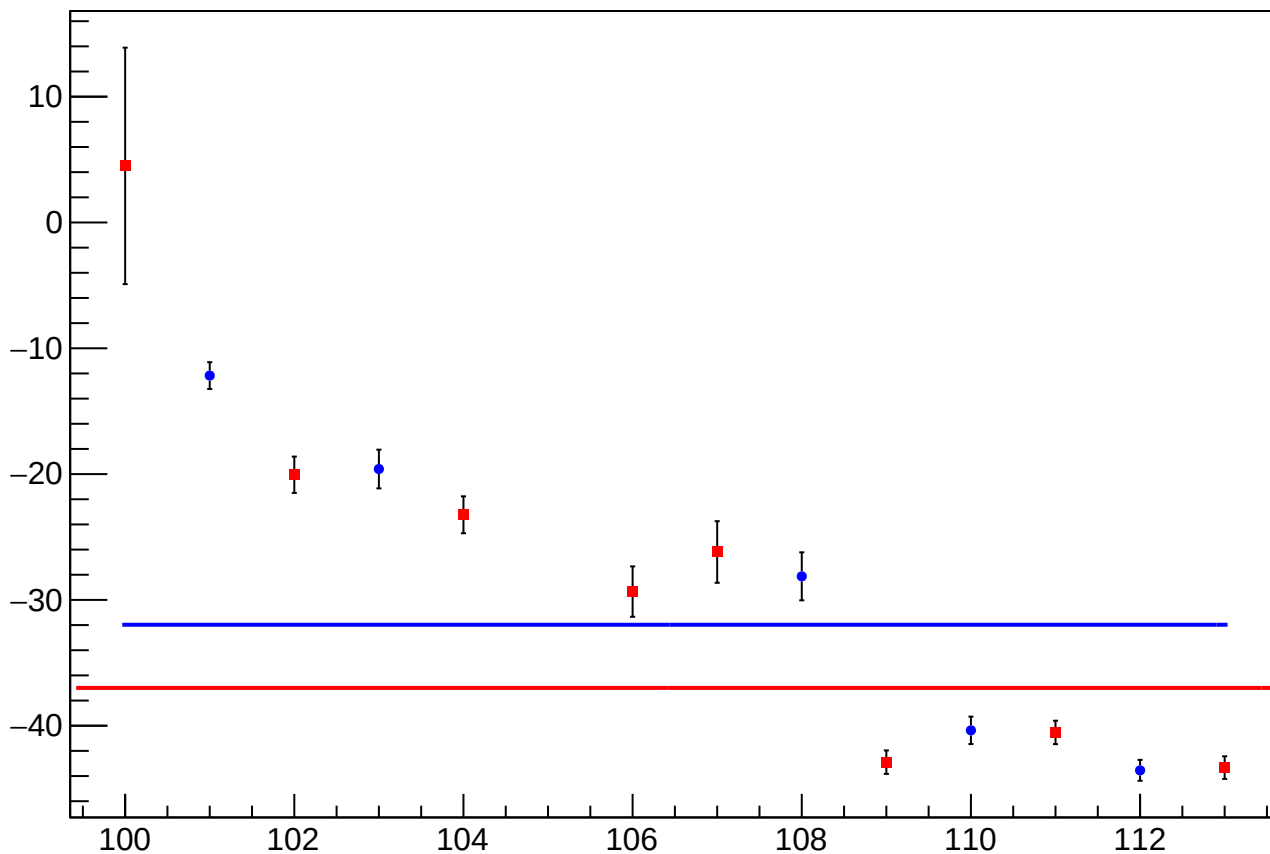
Right: -18.279+/-0.017 χ^2/NDF : 235922.3/12

In: -20.045+/-0.027 χ^2/NDF : 12473.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.279+/-0.017 χ^2/NDF : 235922.3/12

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -31.974 ± 0.508 $\chi^2/\text{NDF}: 668.2/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -36.993 ± 0.451 $\chi^2/\text{NDF}: 383.3/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

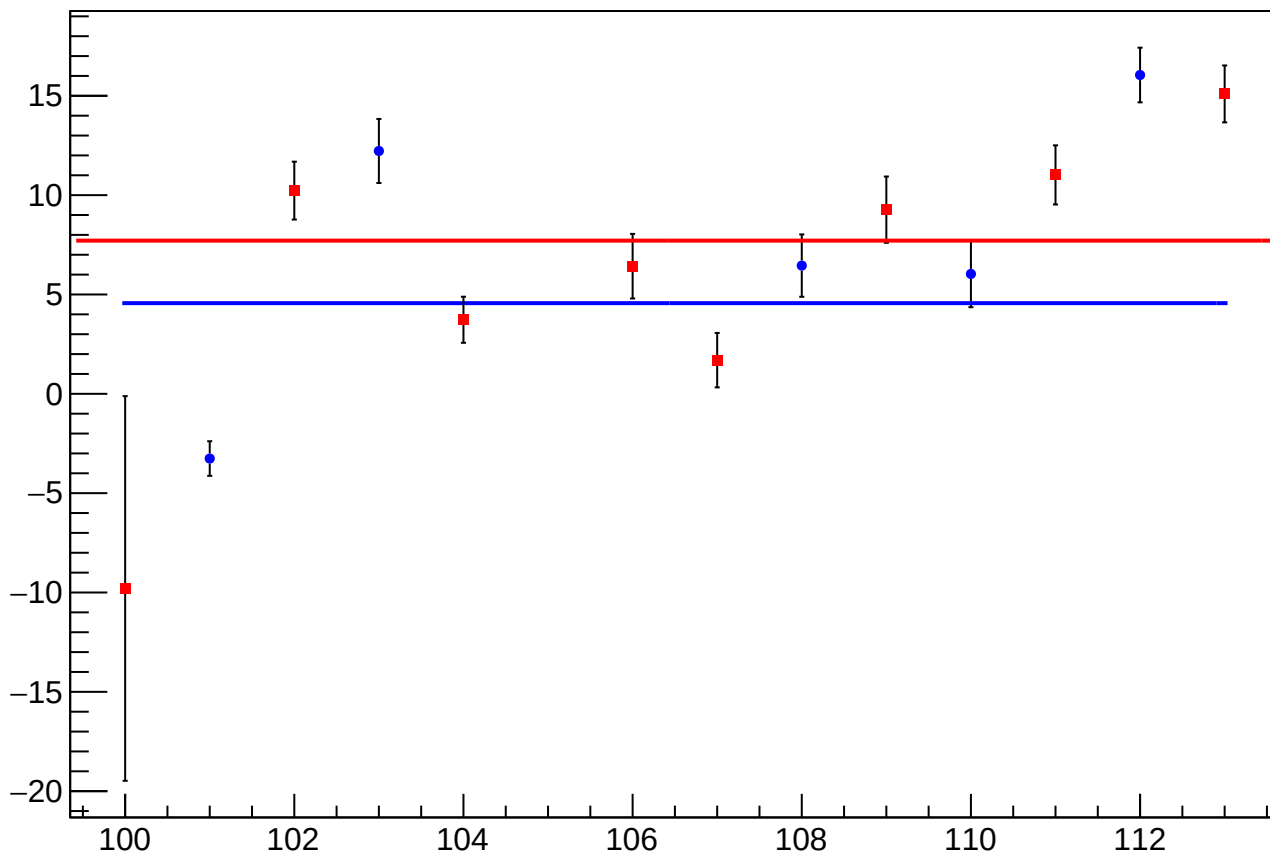
Right: -34.781 ± 0.338 $\chi^2/\text{NDF}: 1106.0/12$

In: -31.974 ± 0.508 $\chi^2/\text{NDF}: 668.2/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -34.781 ± 0.338 $\chi^2/\text{NDF}: 1106.0/12$

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: 7.711+/-0.540 χ^2/NDF : 70.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

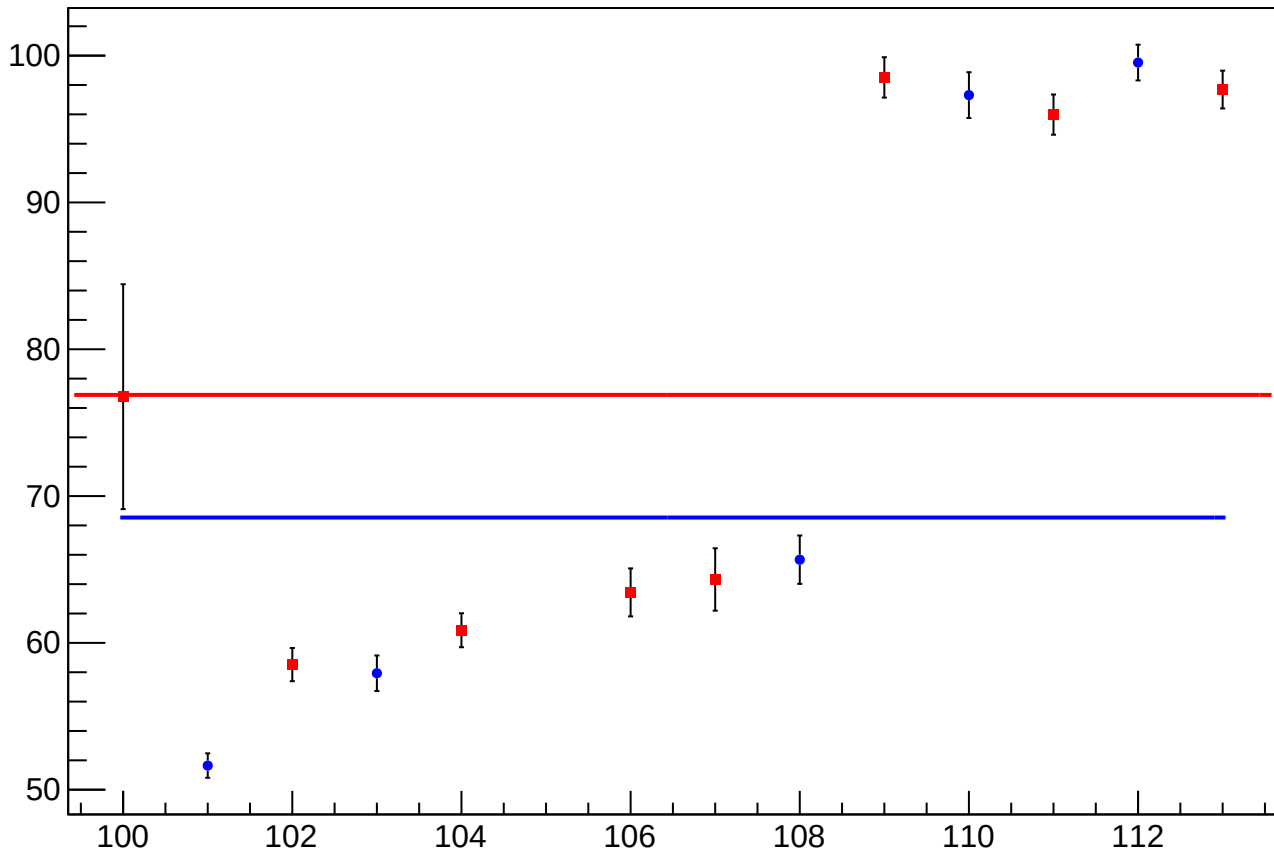
Right: 6.245+/-0.394 χ^2/NDF : 261.2/12

In: 4.563+/-0.578 χ^2/NDF : 175.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.245+/-0.394 χ^2/NDF : 261.2/12

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: 76.890+/-0.513 χ^2/NDF : 1261.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

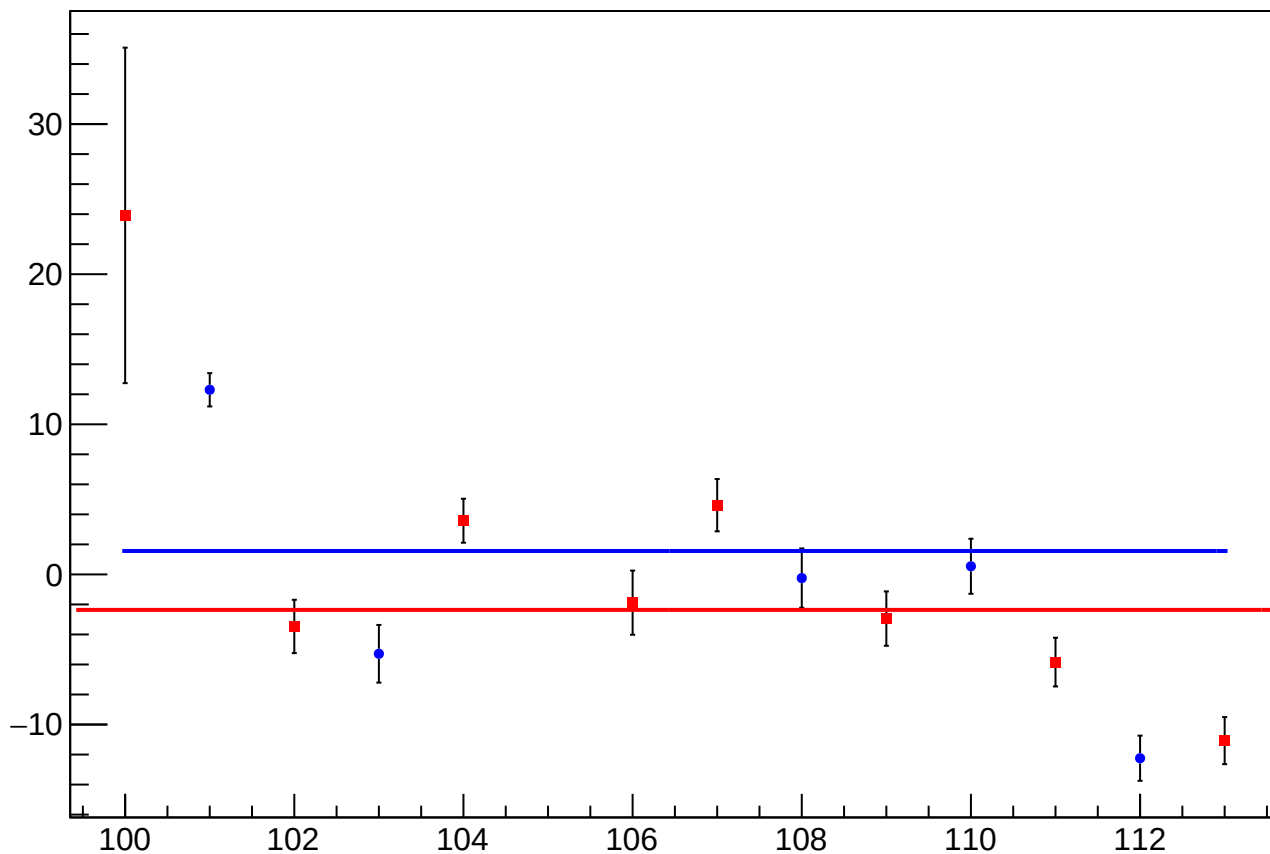
Right: 72.842+/-0.368 χ^2/NDF : 2868.7/12

In: 68.538+/-0.528 χ^2/NDF : 1478.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.842+/-0.368 χ^2/NDF : 2868.7/12

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.561 $\pm$ 0.693 χ^2 /NDF: 191.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.362 $\pm$ 0.641 χ^2 /NDF: 74.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

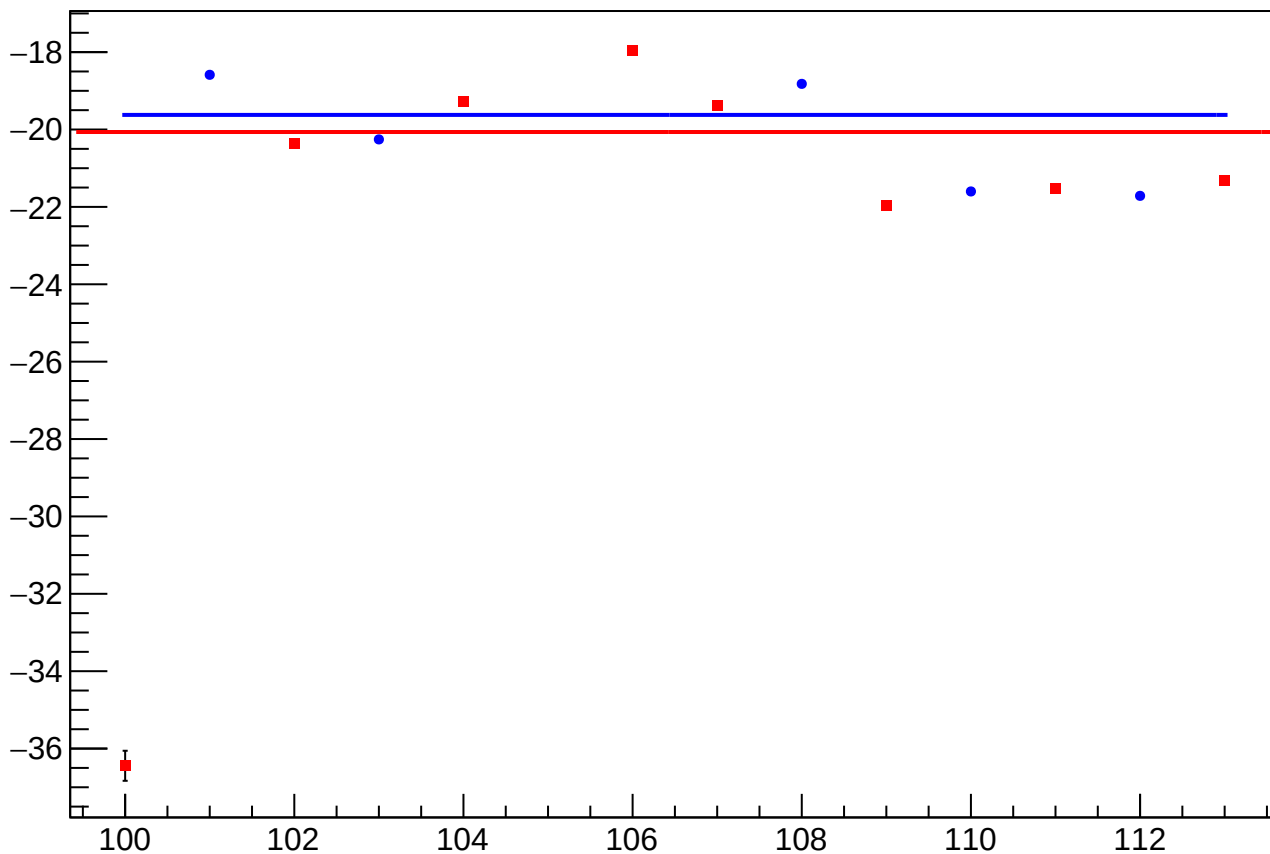
Right: -0.553 $\pm$ 0.471 χ^2 /NDF: 283.1/12

In: 1.561 $\pm$ 0.693 χ^2 /NDF:191.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.553 $\pm$ 0.471 χ^2 /NDF: 283.1/12

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: -20.064 $\pm$ 0.027 χ^2 /NDF: 3569.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

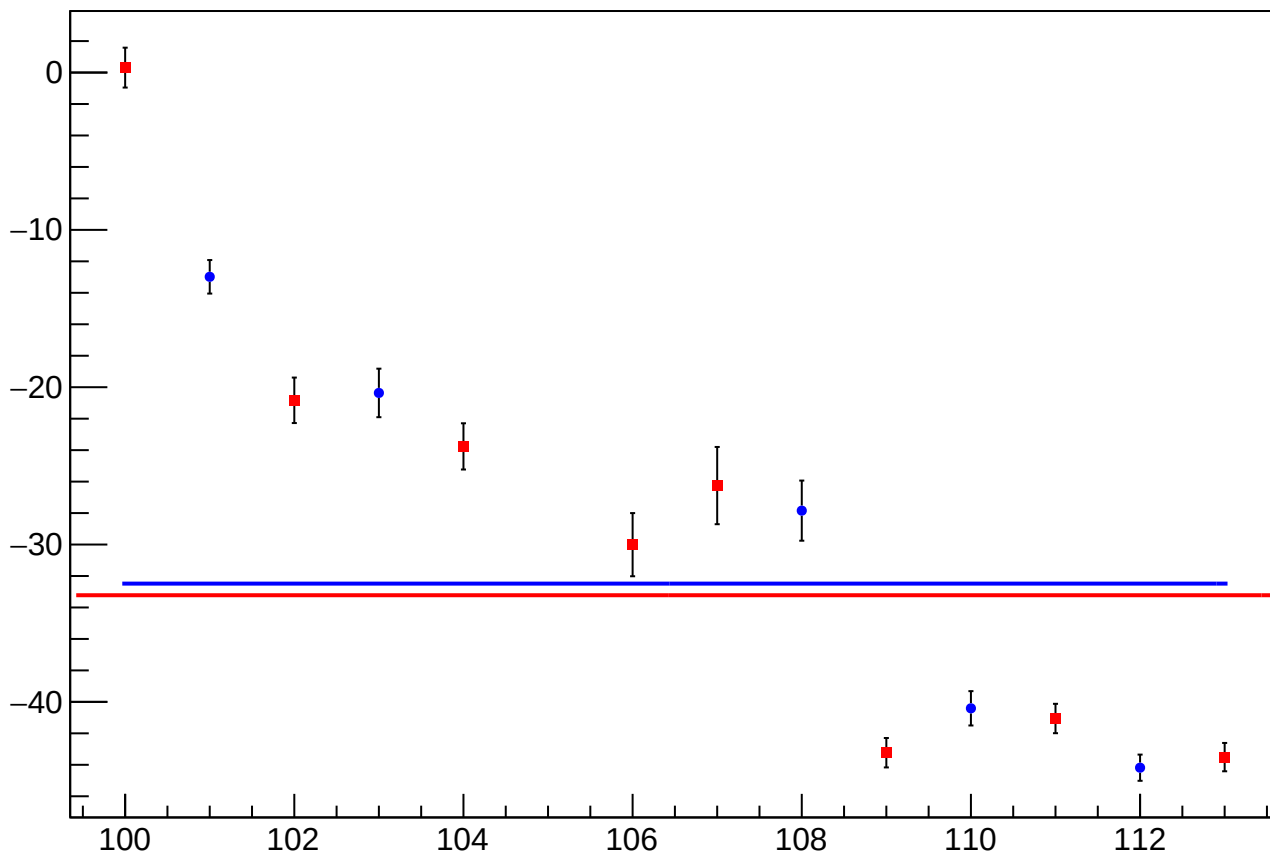
Right: -19.857 $\pm$ 0.020 χ^2 /NDF: 5142.2/12

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: -19.857 $\pm$ 0.020 χ^2 /NDF: 5142.2/12

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: -33.222 $\pm$ 0.426 χ^2 /NDF: 1141.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

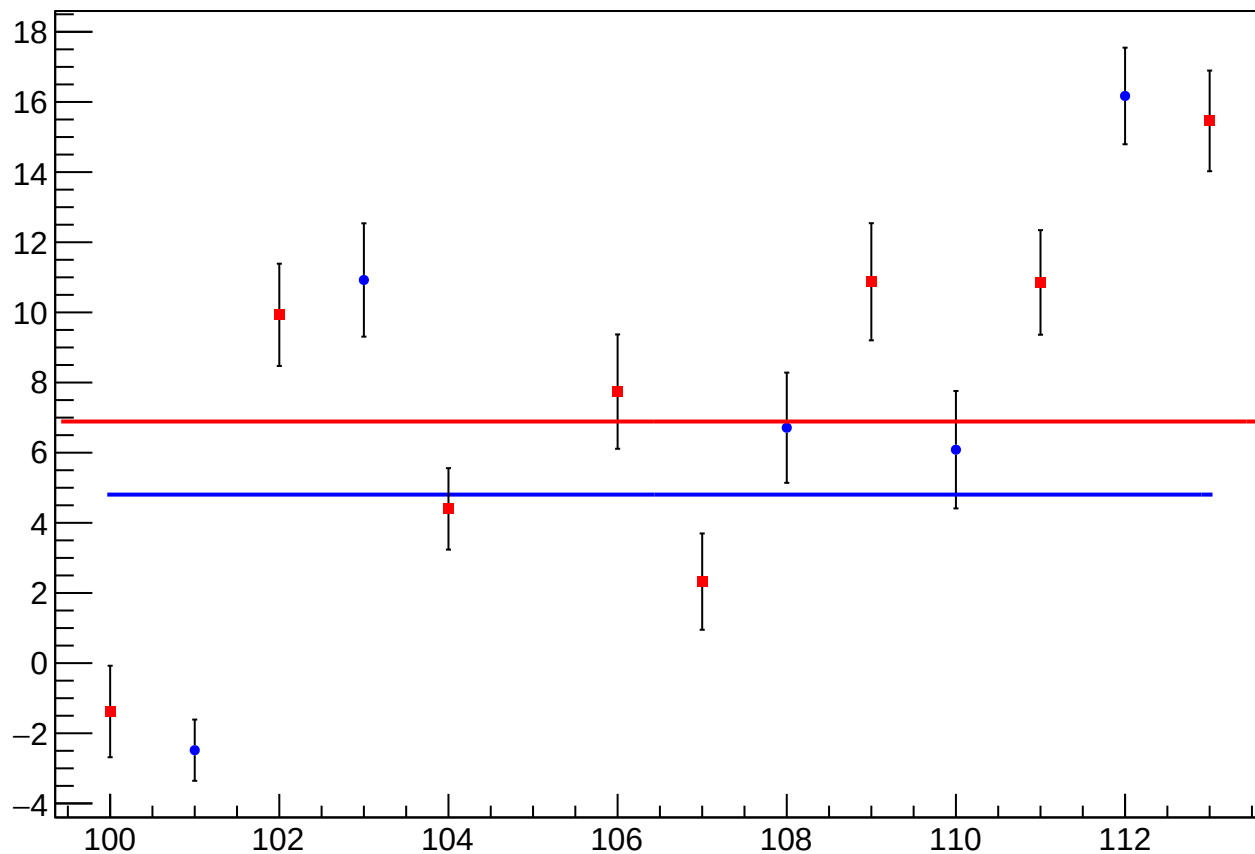
Right: -32.918 $\pm$ 0.327 χ^2 /NDF: 1795.0/12

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: -32.918 $\pm$ 0.327 χ^2 /NDF: 1795.0/12

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: 6.889+/-0.500 χ^2/NDF : 108.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

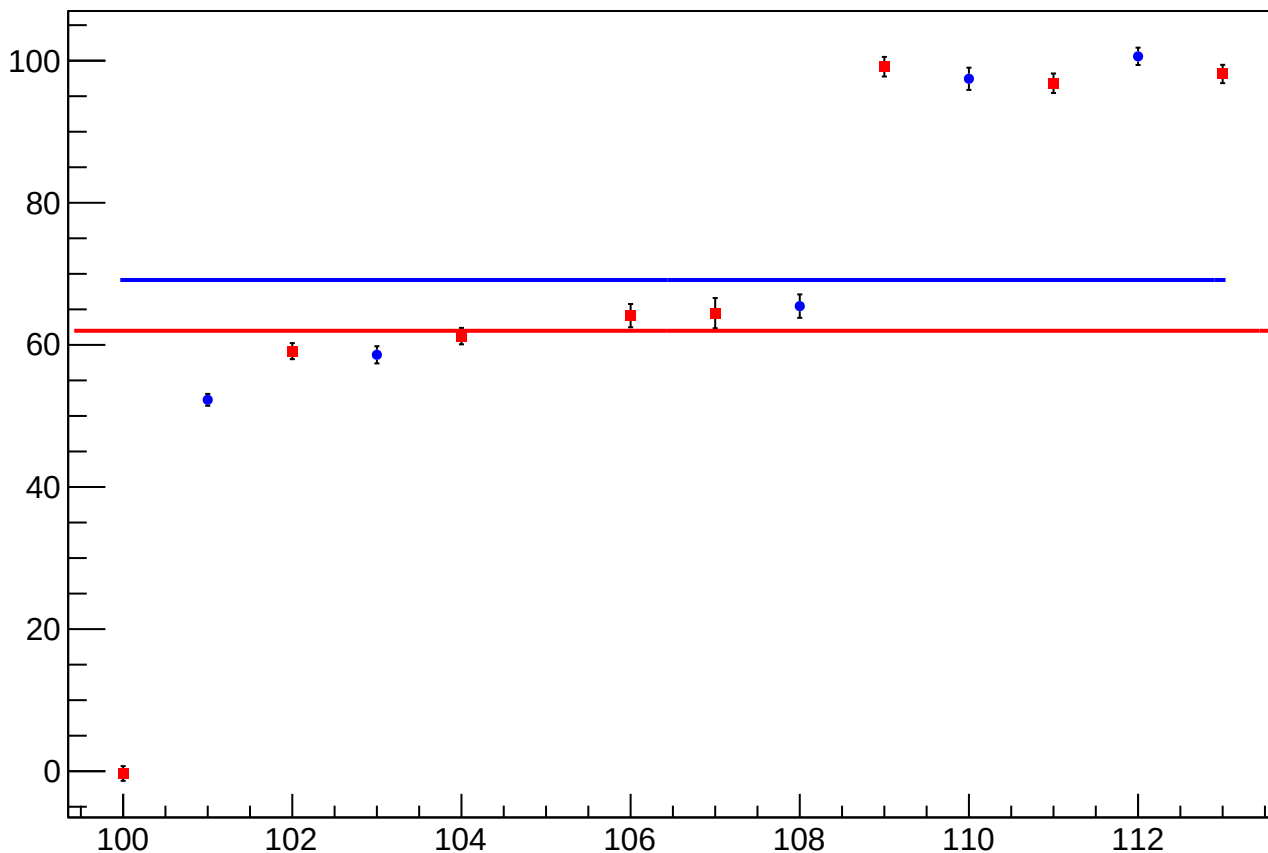
Right: 5.999+/-0.378 χ^2/NDF : 270.6/12

In: 4.805+/-0.579 χ^2/NDF : 154.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.999+/-0.378 χ^2/NDF : 270.6/12

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: 61.987+/-0.461 χ^2/NDF : 5803.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

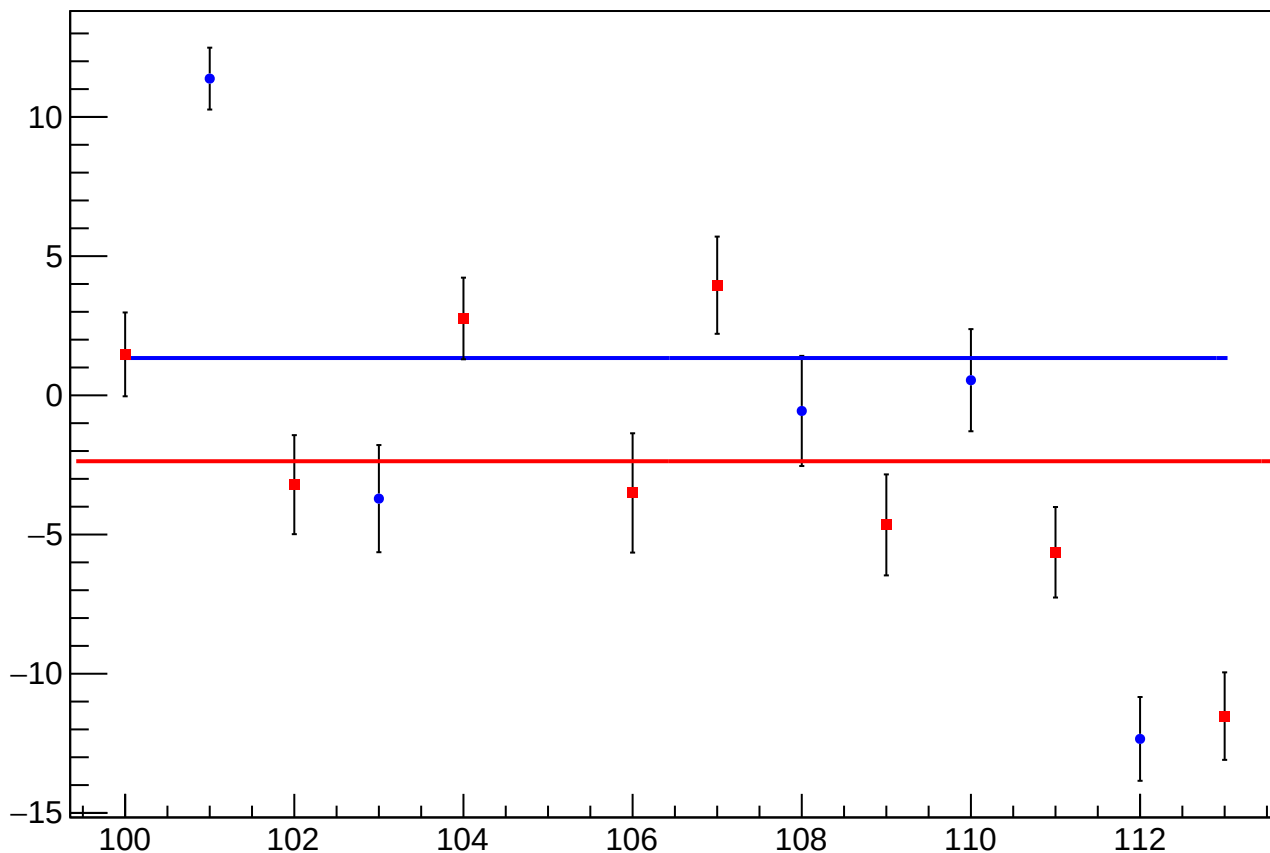
Right: 65.067+/-0.347 χ^2/NDF : 7392.2/12

In: 69.135+/-0.529 χ^2/NDF : 1484.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.067+/-0.347 χ^2/NDF : 7392.2/12

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: -2.367 $\pm$ 0.592 χ^2 /NDF: 71.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

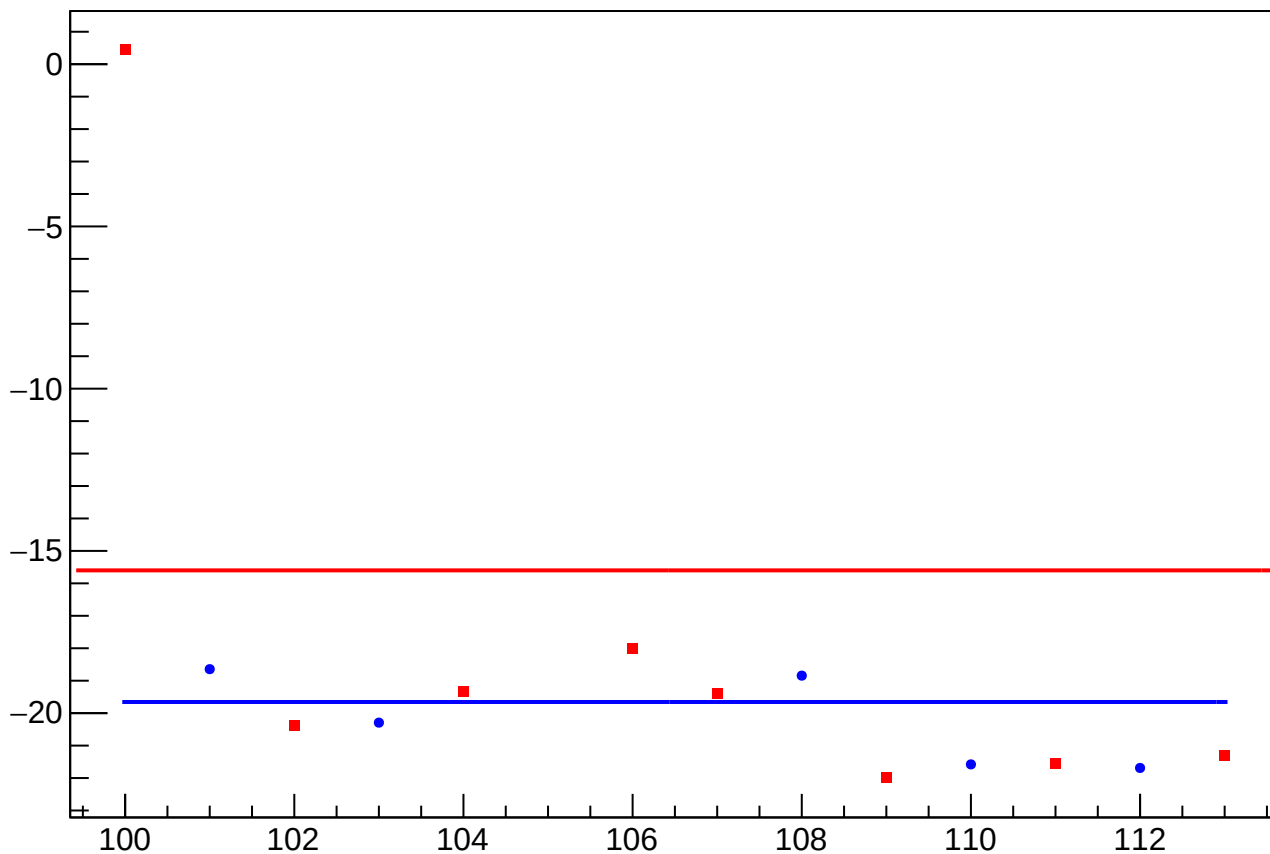
Right: -0.807 $\pm$ 0.450 χ^2 /NDF: 260.7/12

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: -0.807 $\pm$ 0.450 χ^2 /NDF: 260.7/12

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: -15.600+/-0.024 χ^2/NDF : 121789.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

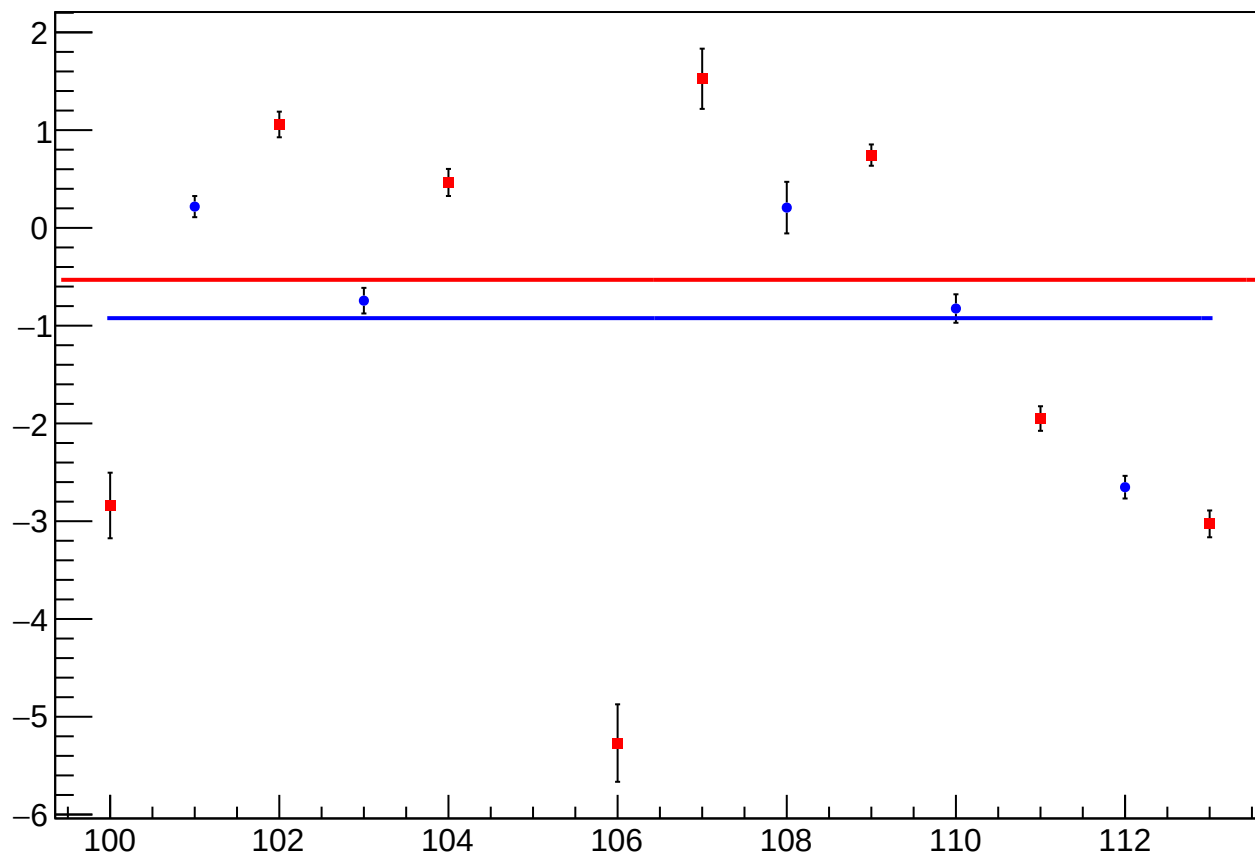
Right: -17.269+/-0.019 χ^2/NDF : 134645.4/12

In: -19.656+/-0.029 χ^2/NDF : 1390.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.269+/-0.019 χ^2/NDF : 134645.4/12

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: -0.531 ± 0.054 χ^2/NDF : 1029.7/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

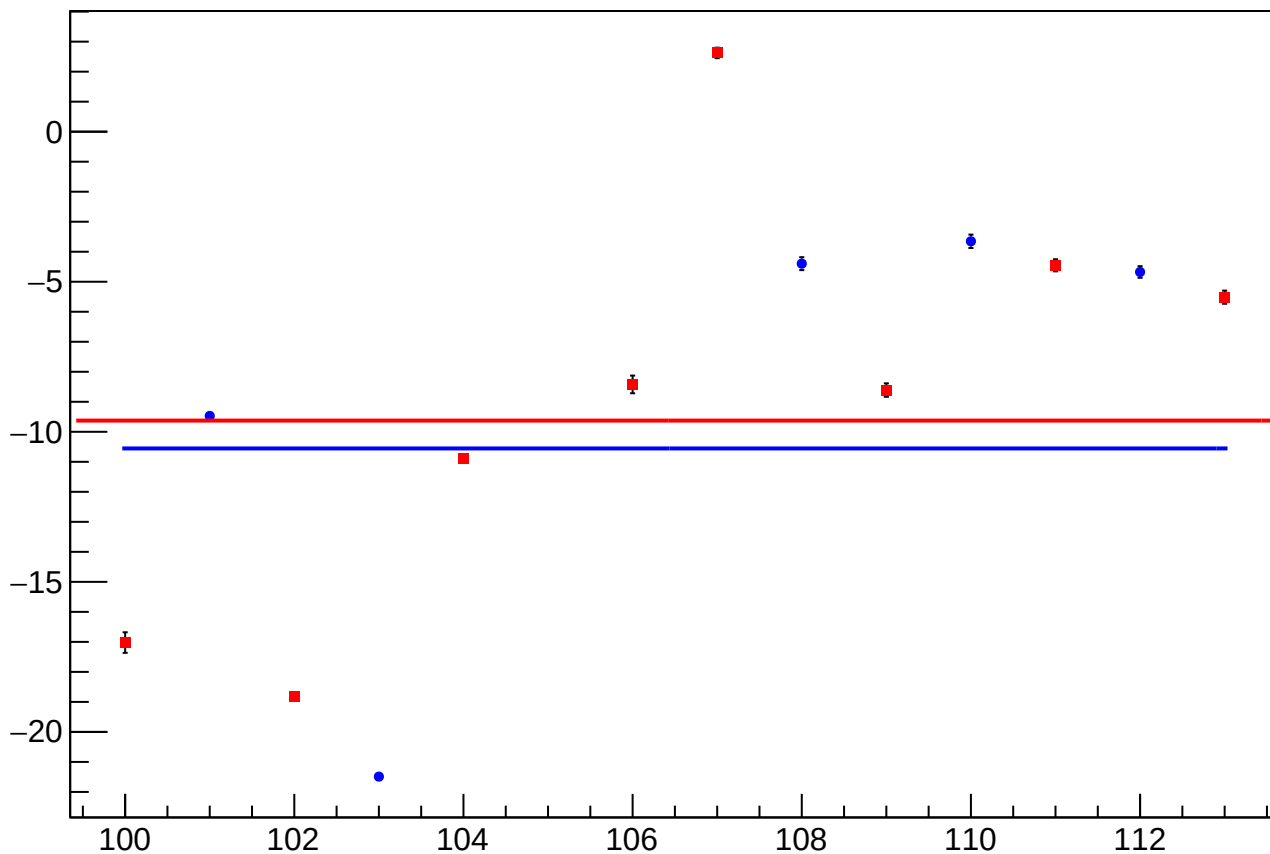
Right: -0.709 ± 0.040 χ^2/NDF : 1408.0/12

In: -0.923 ± 0.060 χ^2/NDF : 354.8/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.709 ± 0.040 χ^2/NDF : 1408.0/12

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: -9.626 $\pm$ 0.064 χ^2 /NDF: 11103.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

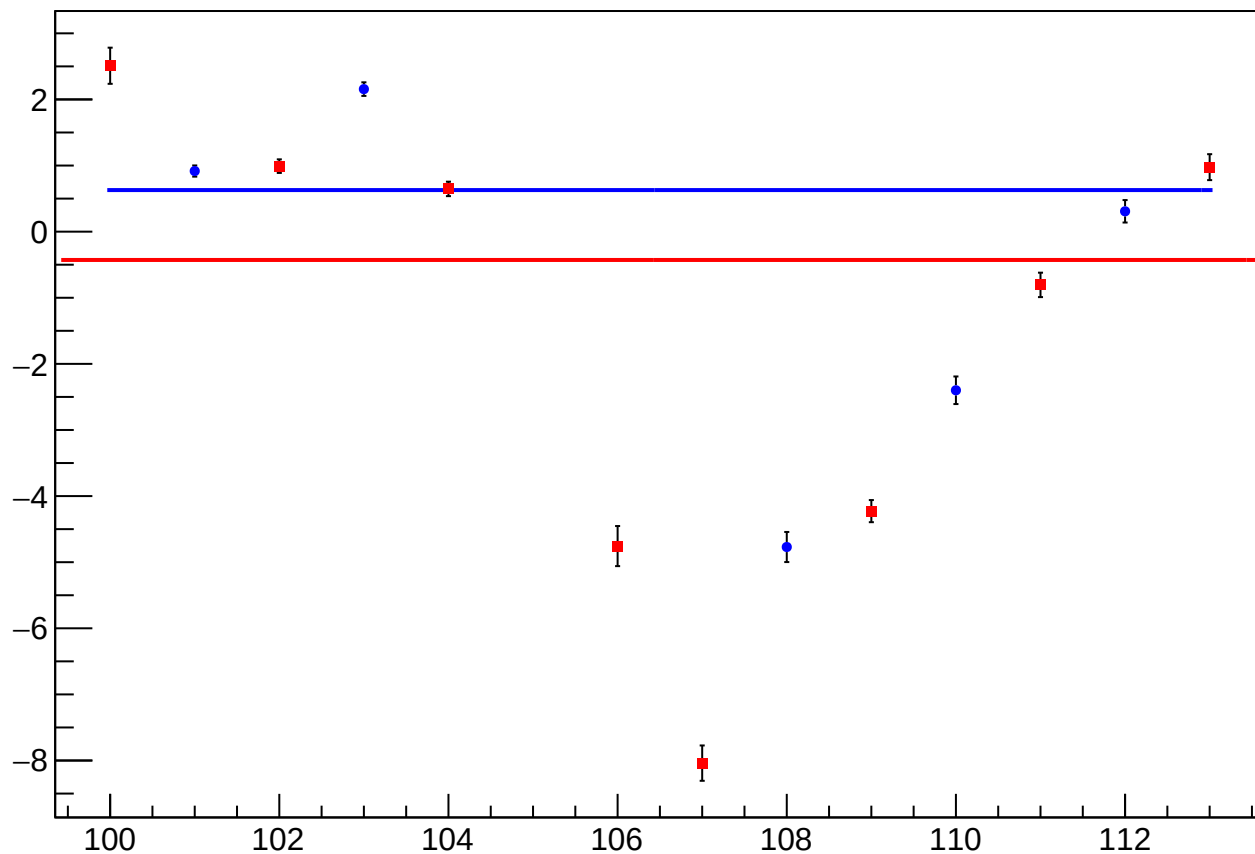
Right: -10.093 $\pm$ 0.045 χ^2 /NDF: 20279.6/12

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: -10.093 $\pm$ 0.045 χ^2 /NDF: 20279.6/12

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: -0.428+/-0.057 χ^2/NDF : 1988.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

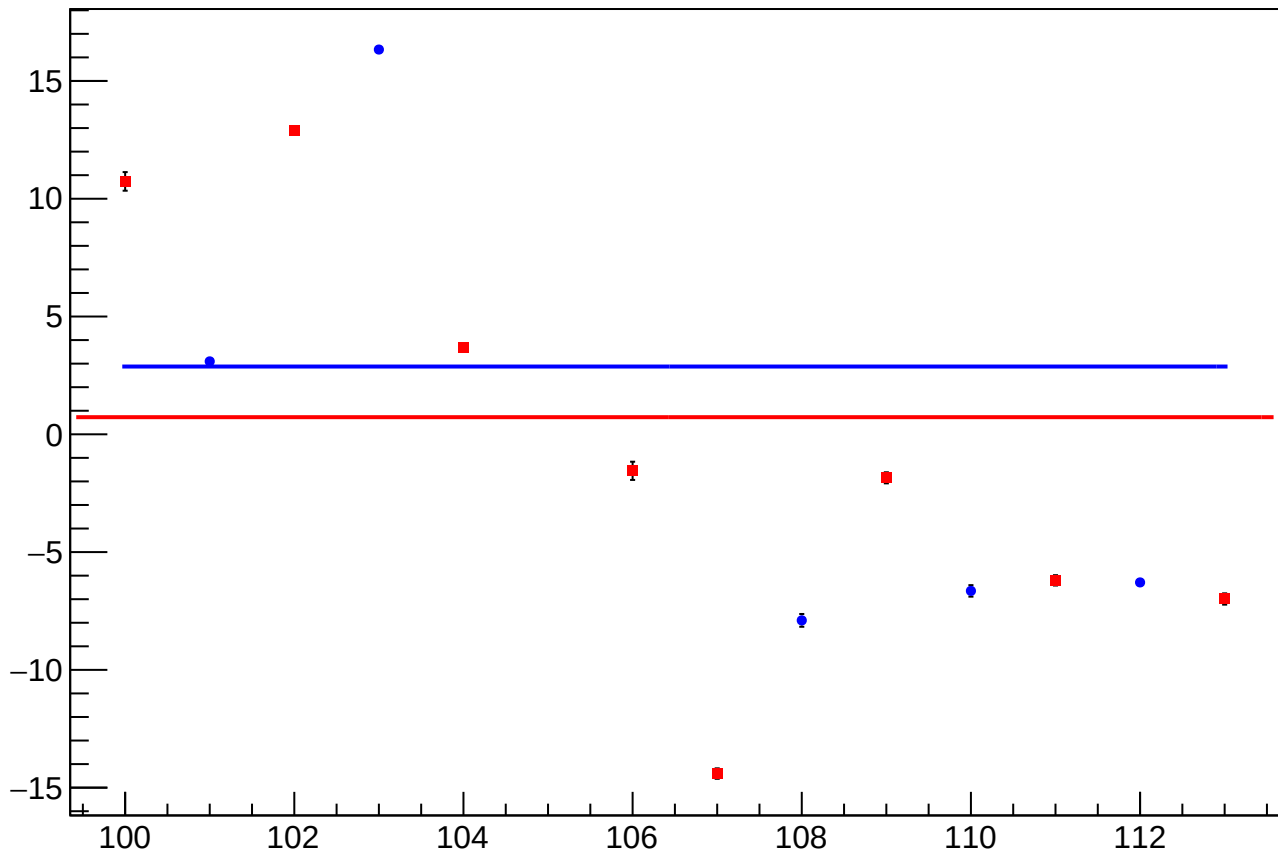
Right: 0.104+/-0.040 χ^2/NDF : 3170.7/12

In: 0.629+/-0.057 χ^2/NDF : 1009.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.104+/-0.040 χ^2/NDF : 3170.7/12

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: 0.727+/-0.076 χ^2/NDF : 13323.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

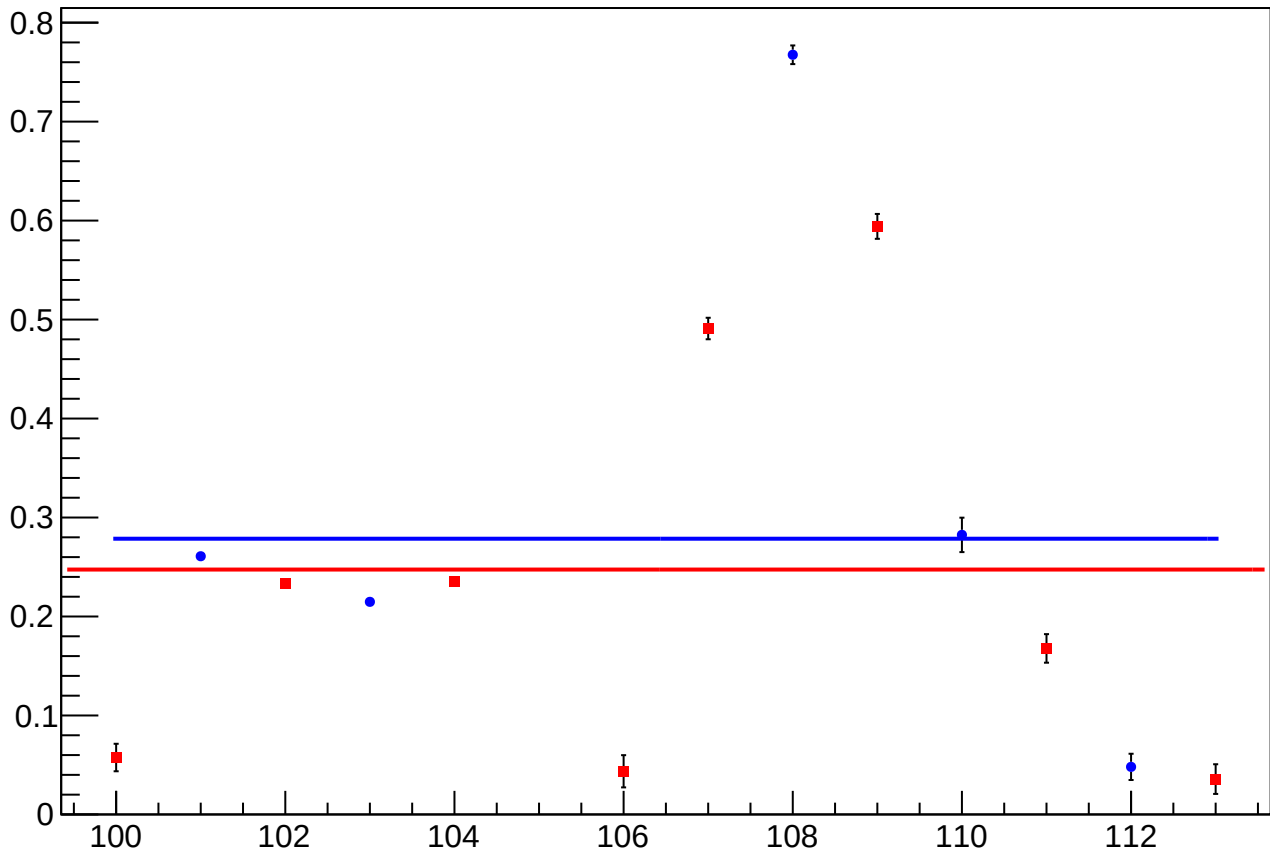
Right: 1.791+/-0.054 χ^2/NDF : 25395.9/12

In: 2.877+/-0.077 χ^2/NDF : 11676.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.791+/-0.054 χ^2/NDF : 25395.9/12

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: 0.247+/-0.003 χ^2/NDF : 1851.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

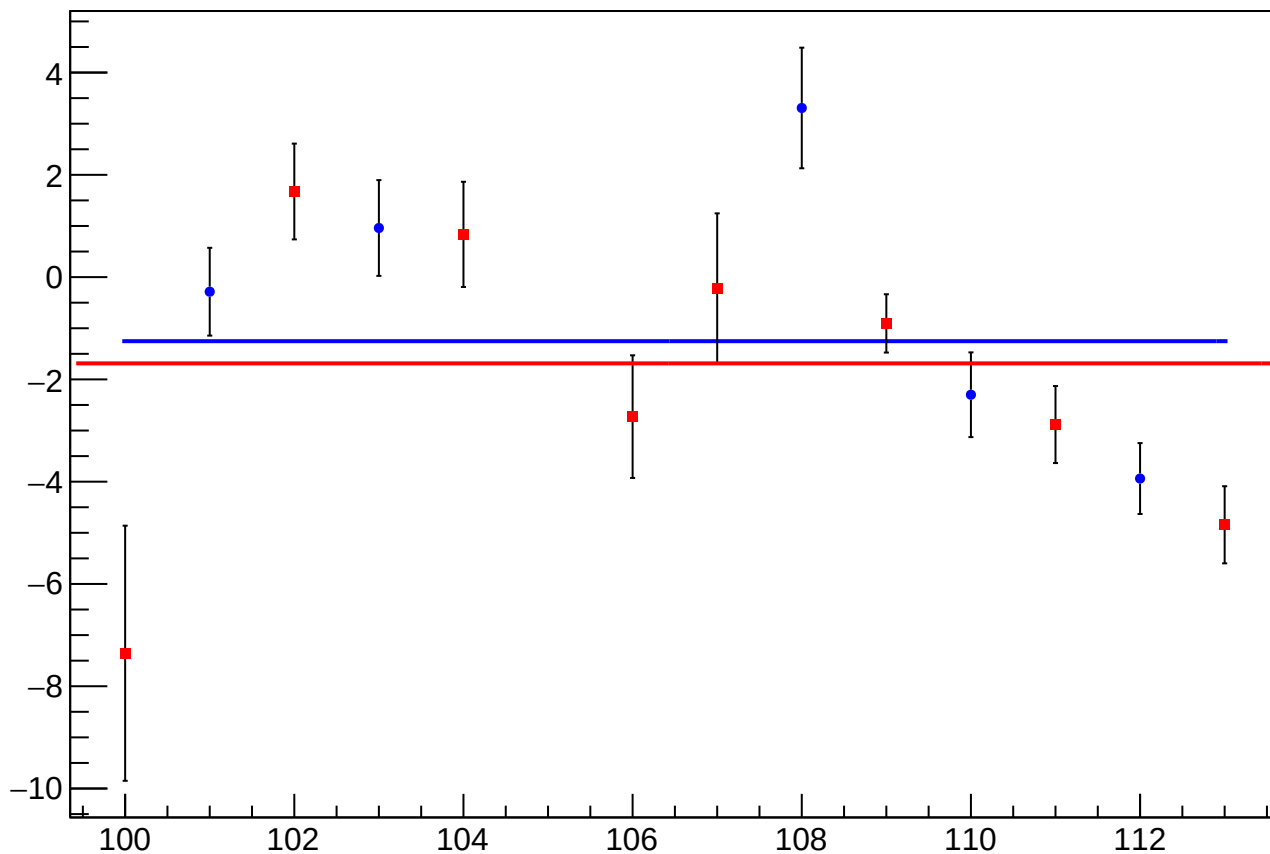
Right: 0.263+/-0.002 χ^2/NDF : 5135.2/12

In: 0.279+/-0.003 χ^2/NDF : 3226.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.263+/-0.002 χ^2/NDF : 5135.2/12

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: -1.687 ± 0.316 χ^2/NDF : 47.7/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

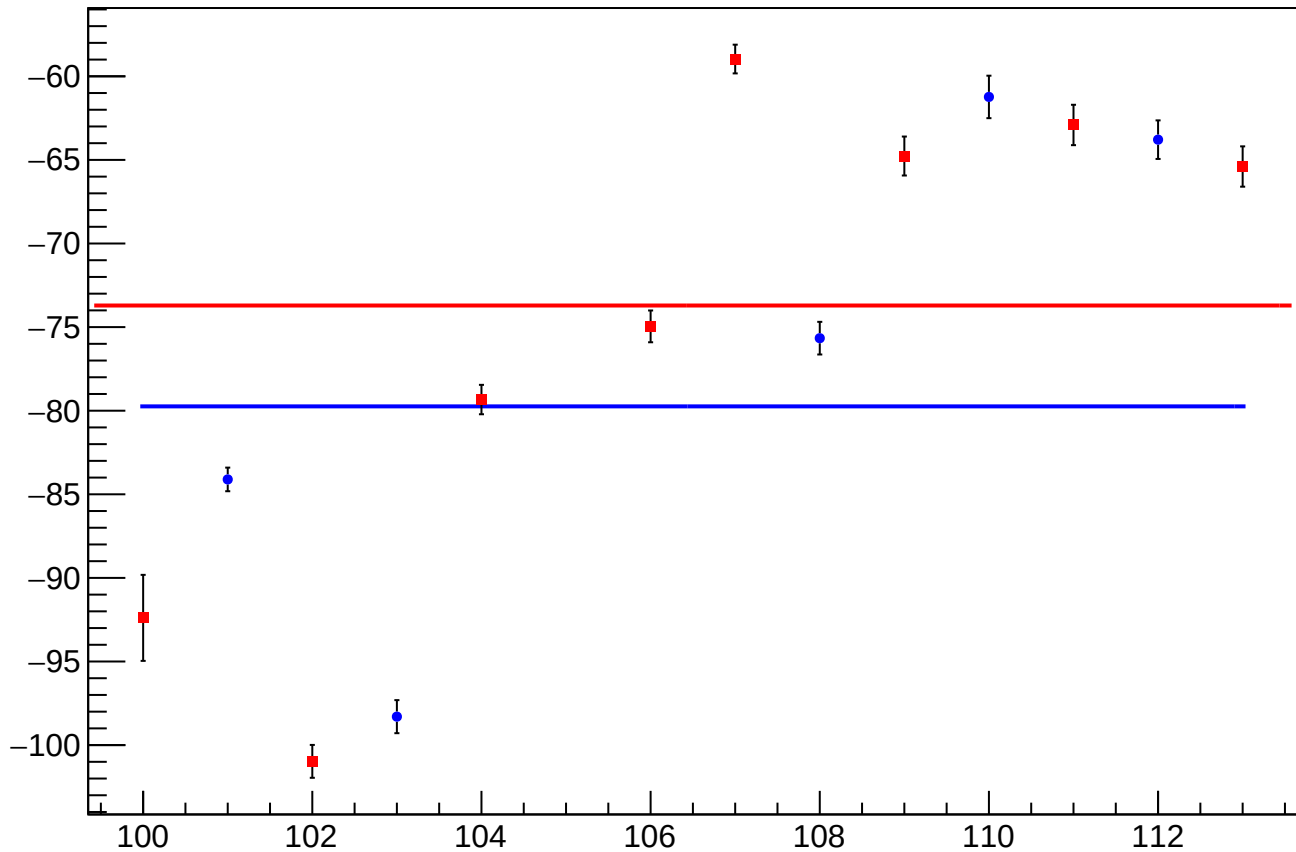
Right: -1.512 ± 0.244 χ^2/NDF : 86.9/12

In: -1.253 ± 0.385 χ^2/NDF : 38.4/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.512 ± 0.244 χ^2/NDF : 86.9/12

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -79.741 $\pm$ 0.428 χ^2 /NDF: 811.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -73.708 $\pm$ 0.377 χ^2 /NDF: 1345.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

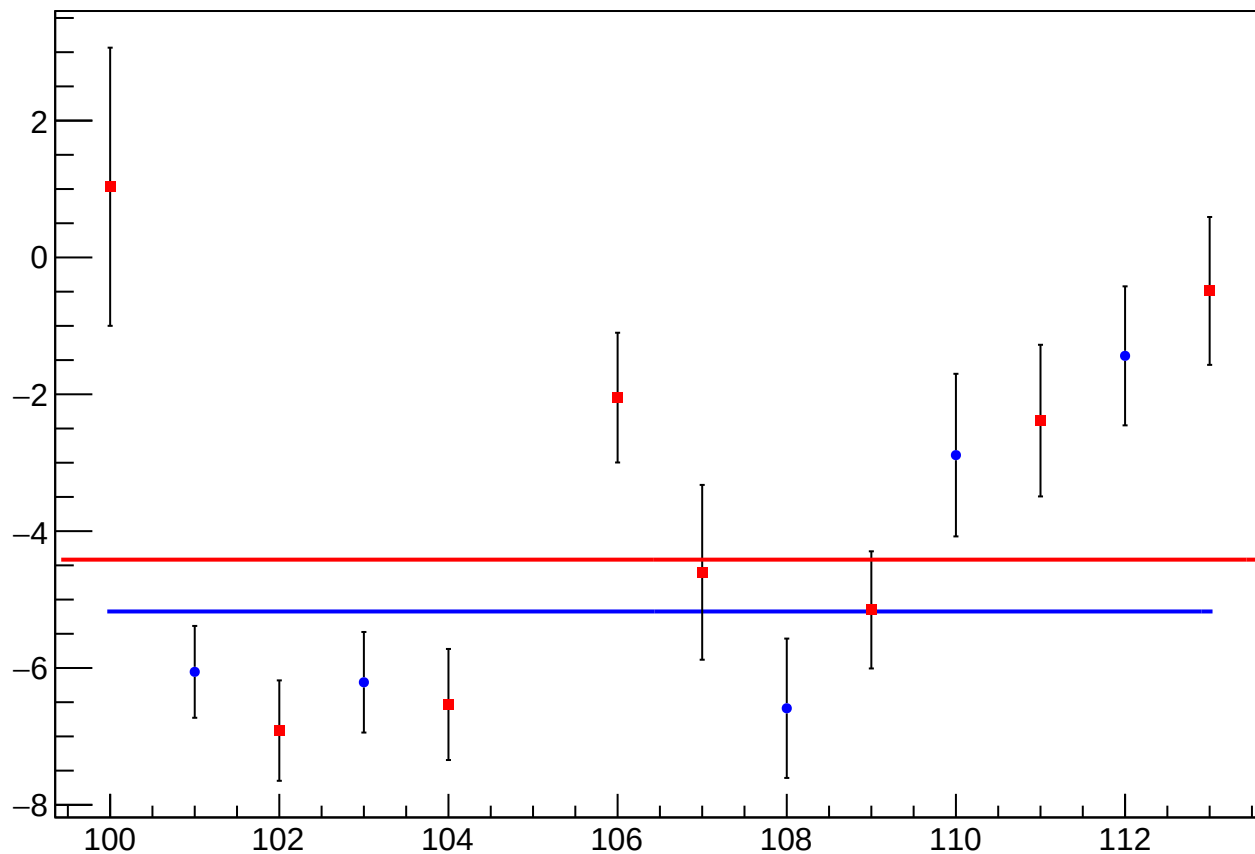
Right: -76.338 $\pm$ 0.283 χ^2 /NDF: 2268.8/12

In: -79.741 $\pm$ 0.428 χ^2 /NDF:811.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -76.338 $\pm$ 0.283 χ^2 /NDF: 2268.8/12

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.174 ± 0.386 $\chi^2/\text{NDF}: 22.9/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -4.416 ± 0.345 $\chi^2/\text{NDF}: 49.2/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

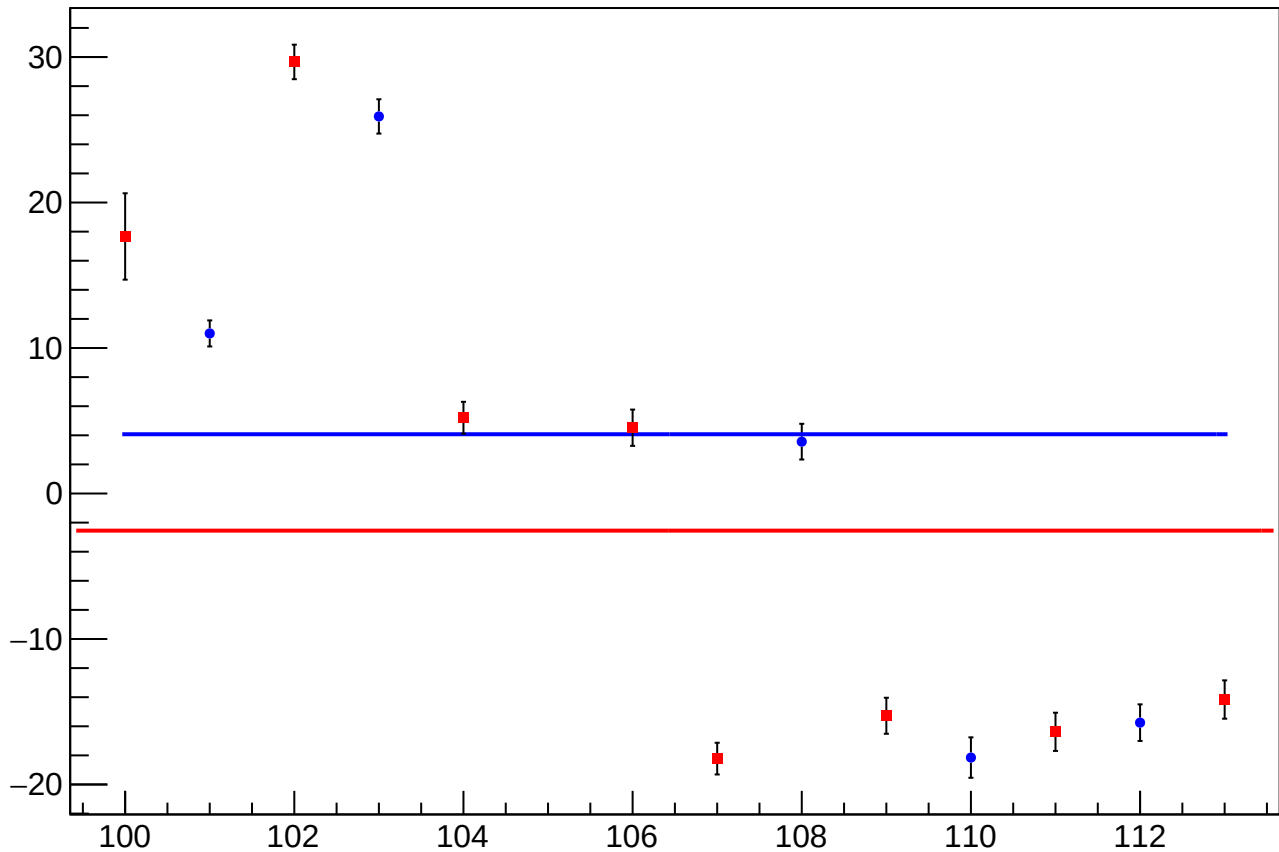
Right: -4.753 ± 0.257 $\chi^2/\text{NDF}: 74.2/12$

In: -5.174 ± 0.386 $\chi^2/\text{NDF}: 22.9/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -4.753 ± 0.257 $\chi^2/\text{NDF}: 74.2/12$

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: -2.551+/-0.450 χ^2/NDF : 1366.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

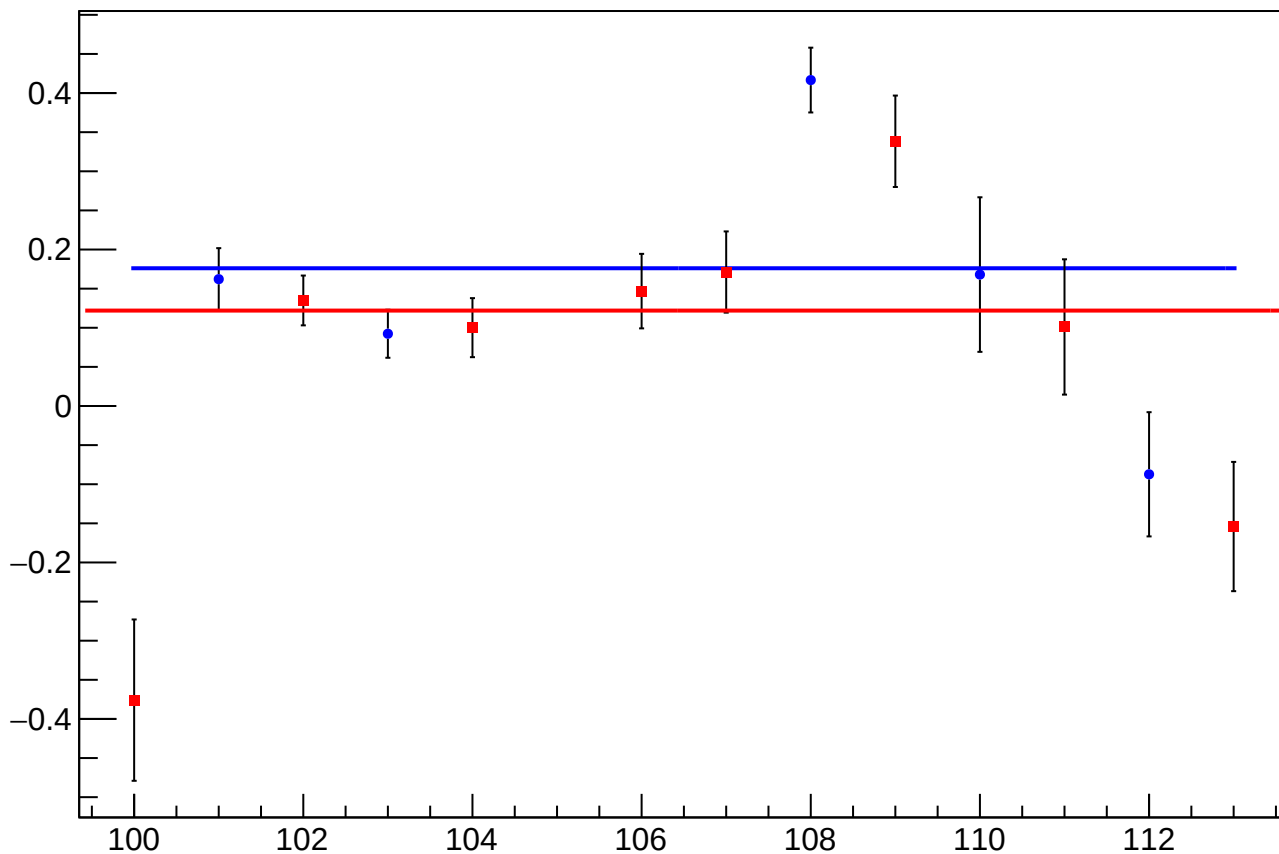
Right: 0.319+/-0.339 χ^2/NDF : 2367.5/12

In: 4.073+/-0.514 χ^2/NDF : 907.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.319+/-0.339 χ^2/NDF : 2367.5/12

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: 0.122 $\pm$ 0.018 χ^2 /NDF: 49.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

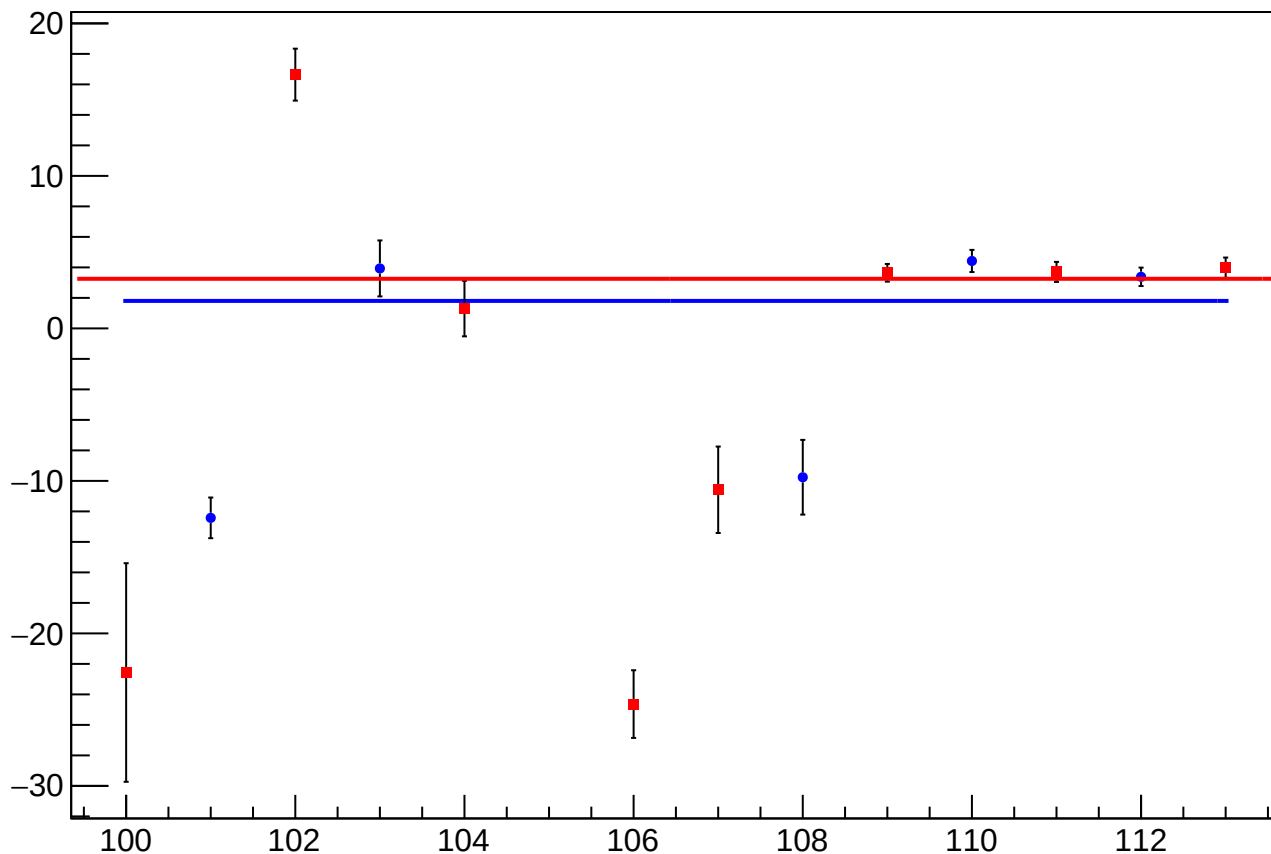
Right: 0.146 $\pm$ 0.013 χ^2 /NDF: 106.4/12

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: 0.146 $\pm$ 0.013 χ^2 /NDF: 106.4/12

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: 3.252+/-0.342 χ^2/NDF : 259.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

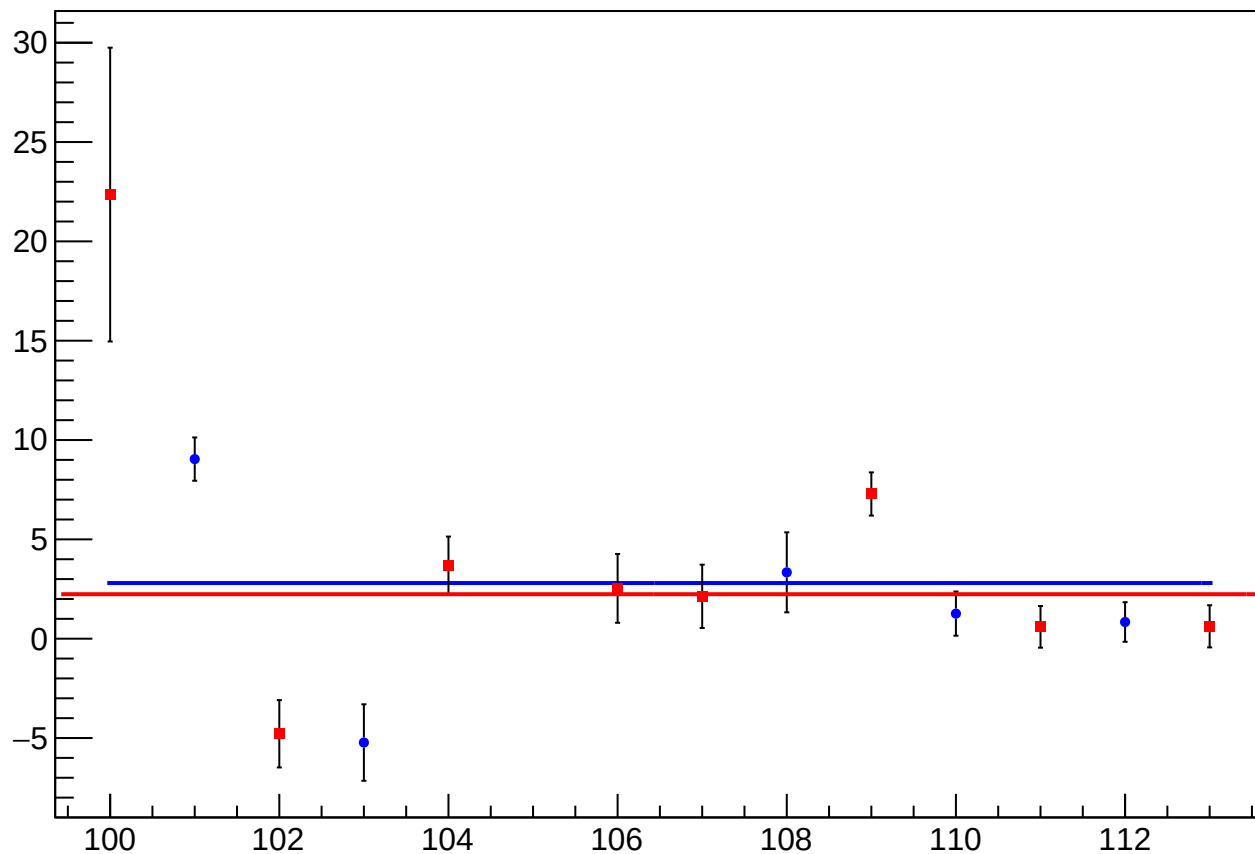
Right: 2.675+/-0.265 χ^2/NDF : 424.2/12

In: 1.803+/-0.420 χ^2/NDF : 157.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.675+/-0.265 χ^2/NDF : 424.2/12

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: 2.240 $\pm$ 0.487 χ^2 /NDF: 51.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

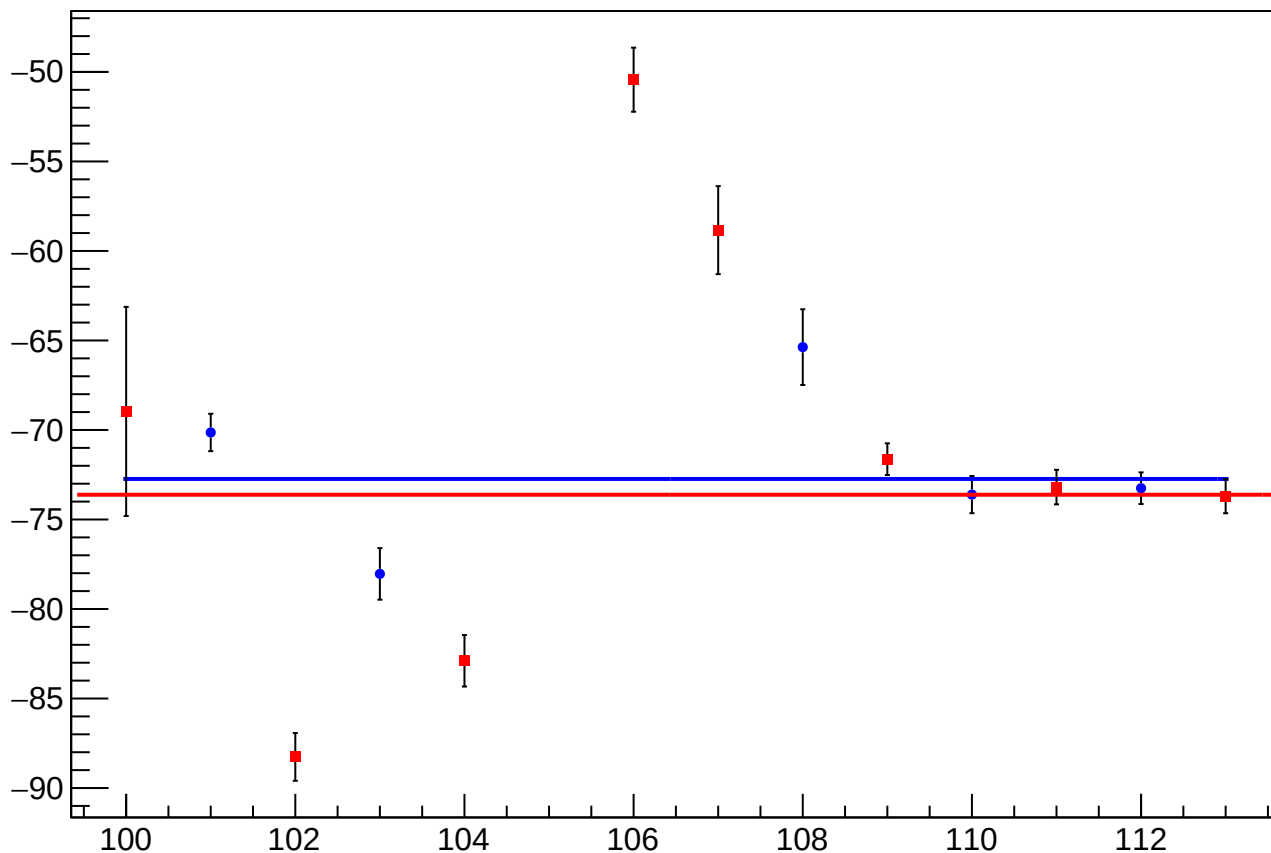
Right: 2.481 $\pm$ 0.368 χ^2 /NDF: 108.5/12

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: 2.481 $\pm$ 0.368 χ^2 /NDF: 108.5/12

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: -73.616 $\pm$ 0.447 χ^2 /NDF: 372.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

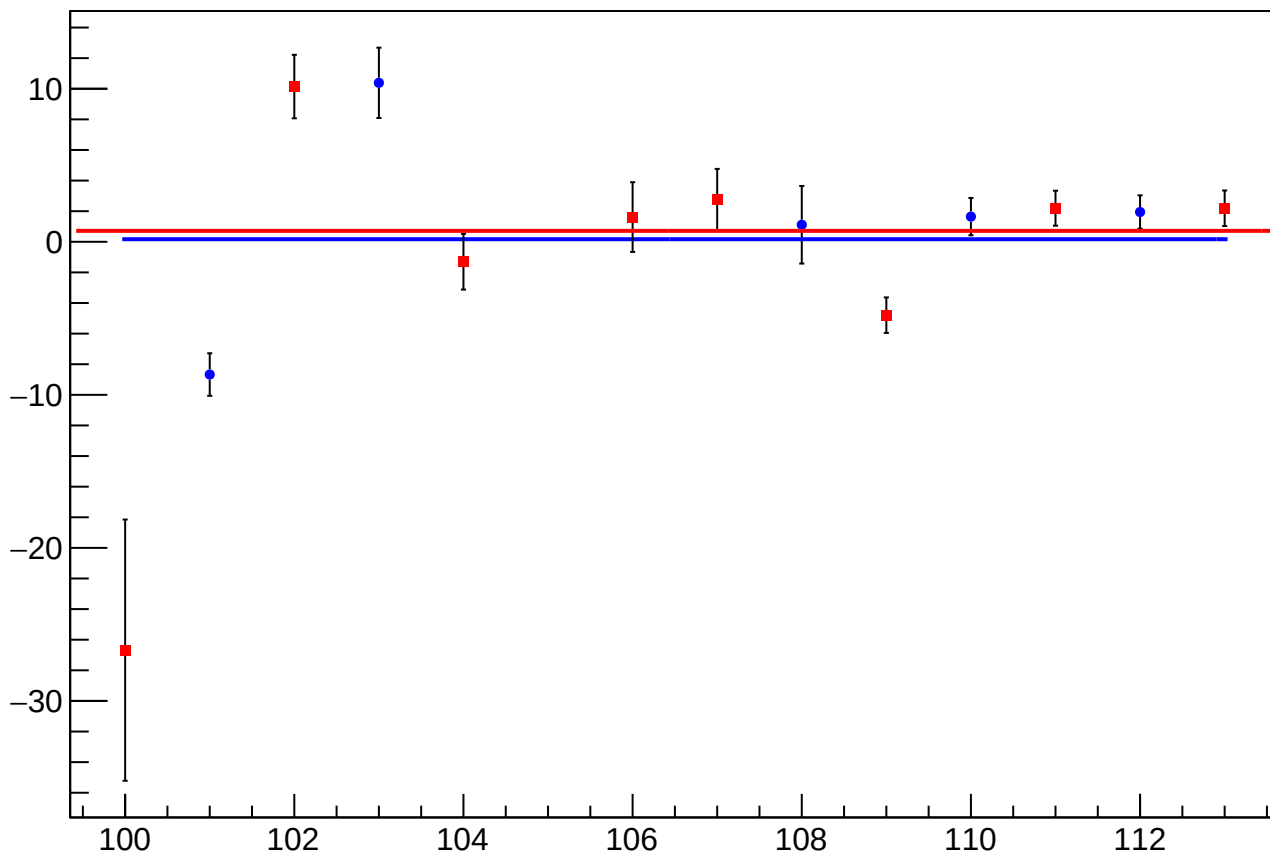
Right: -73.234 $\pm$ 0.336 χ^2 /NDF: 406.7/12

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: -73.234 $\pm$ 0.336 χ^2 /NDF: 406.7/12

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: 0.716+/-0.556 χ^2/NDF : 59.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

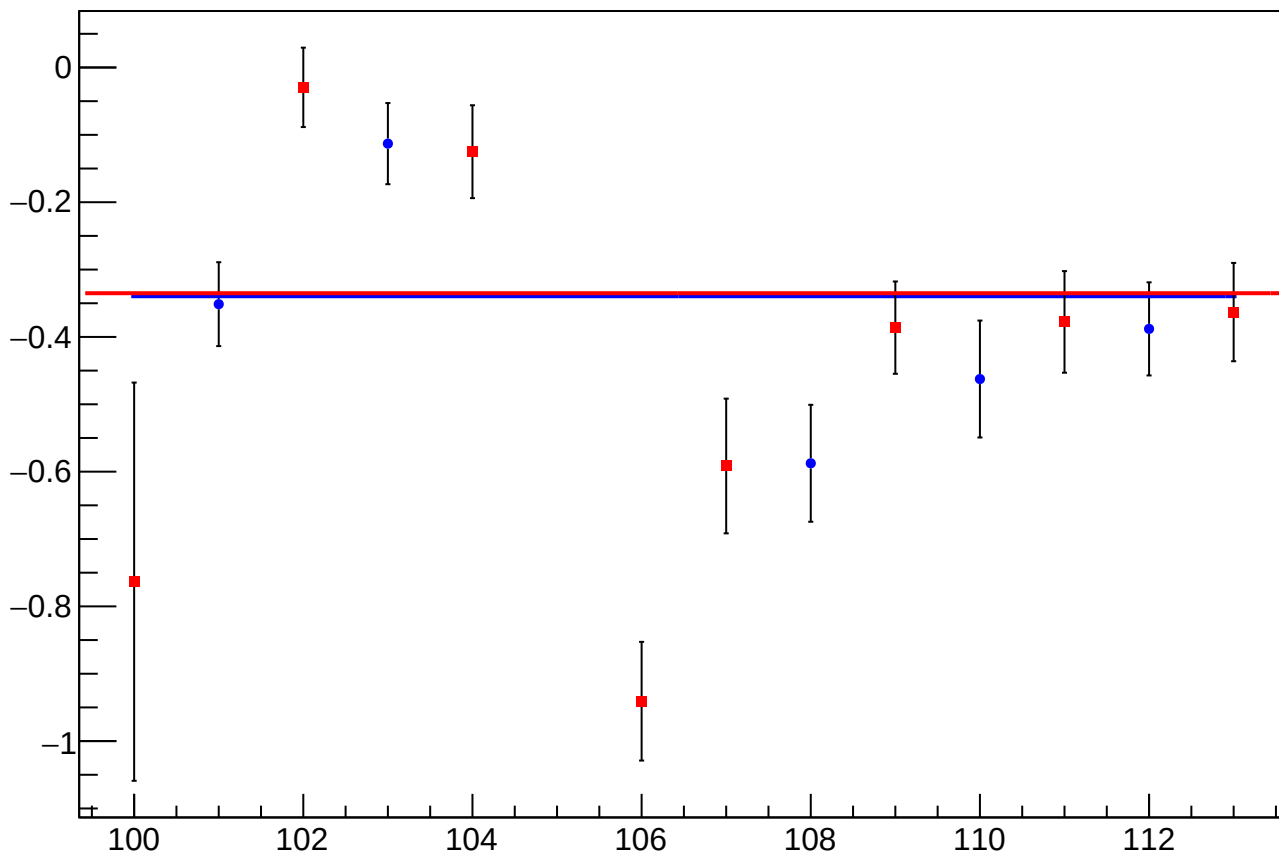
Right: 0.484+/-0.422 χ^2/NDF : 124.1/12

In: 0.169+/-0.649 χ^2/NDF : 64.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.484+/-0.422 χ^2/NDF : 124.1/12

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: -0.335+/-0.028 χ^2/NDF : 93.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

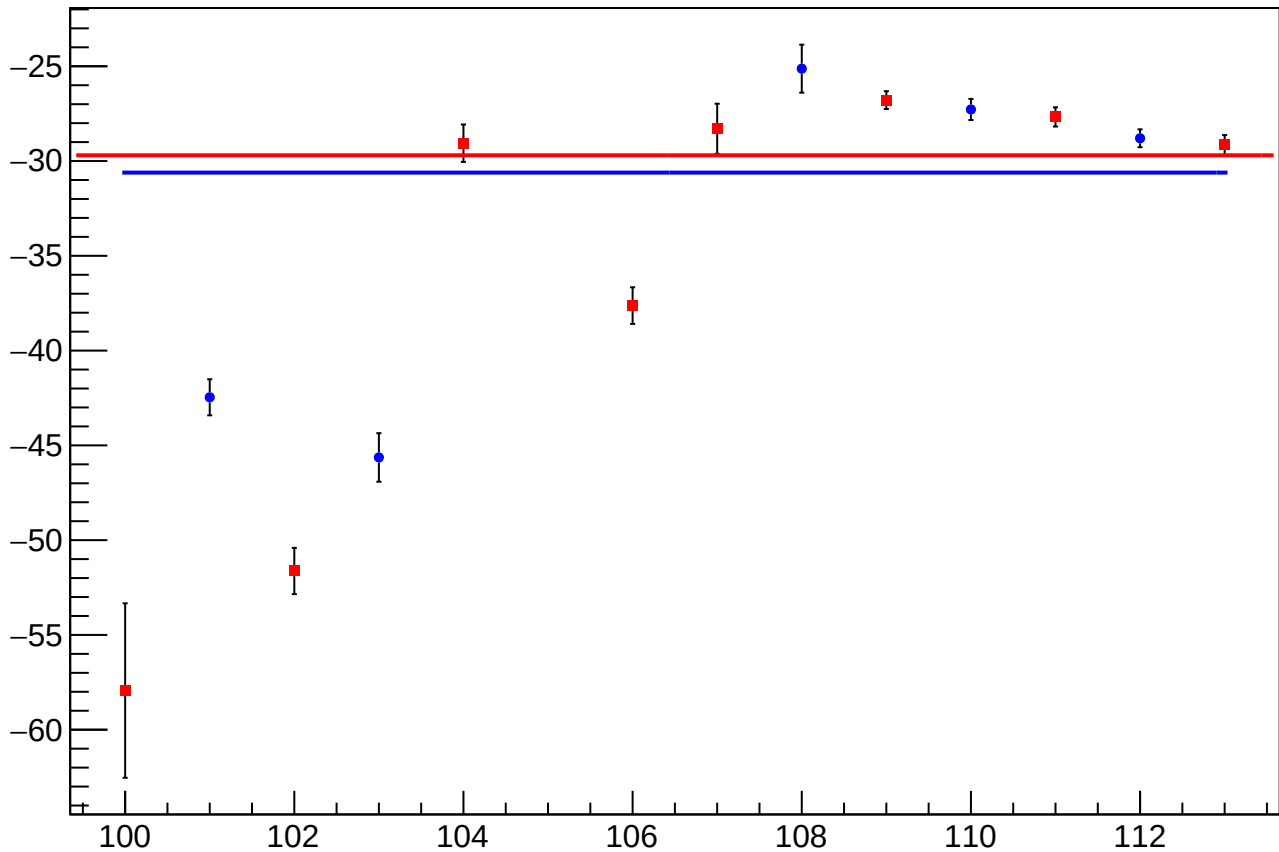
Right: -0.337+/-0.021 χ^2/NDF : 118.0/12

In: -0.340+/-0.031 χ^2/NDF : 24.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.337+/-0.021 χ^2/NDF : 118.0/12

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -30.609 $\pm$ 0.316 χ^2 /NDF: 361.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -29.697 $\pm$ 0.254 χ^2 /NDF: 485.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

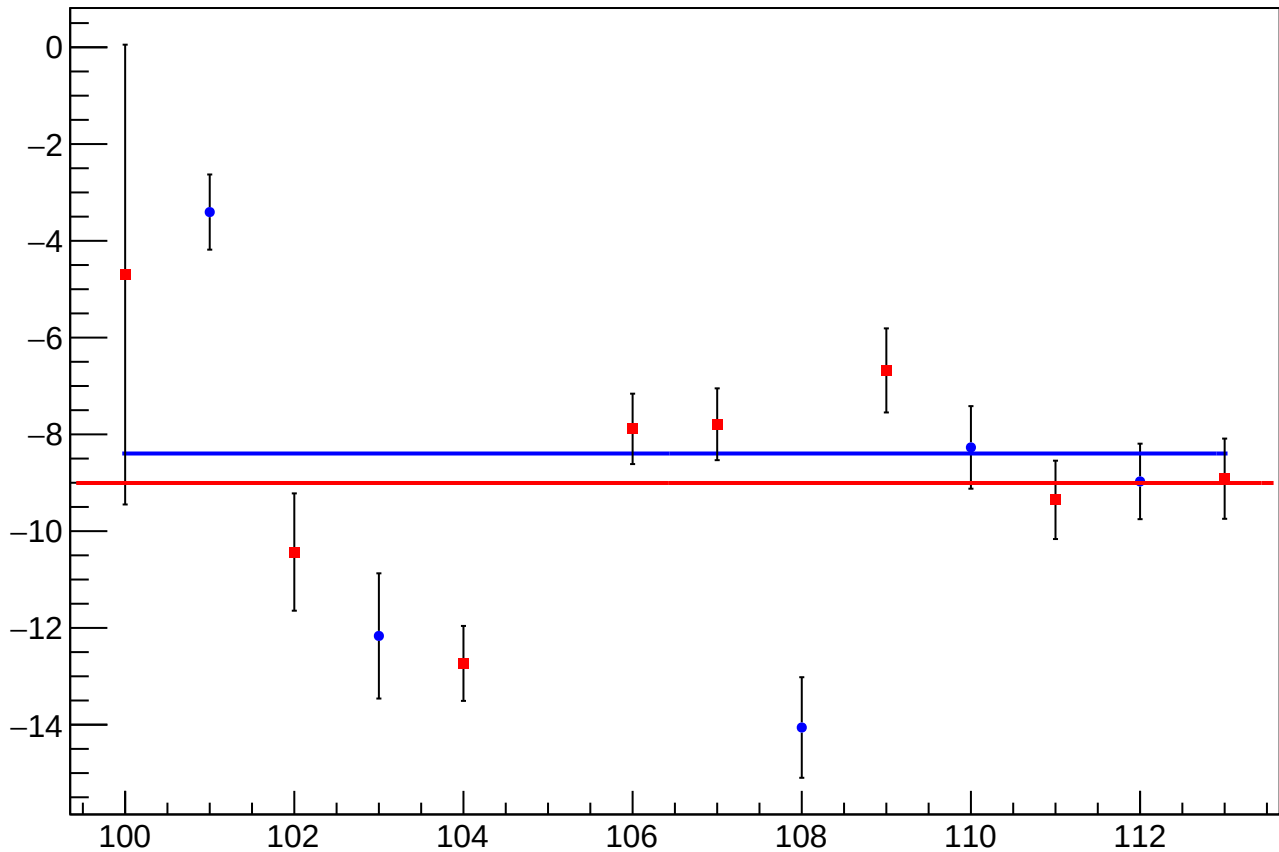
Right: -30.055 $\pm$ 0.198 χ^2 /NDF: 851.9/12

In: -30.609 $\pm$ 0.316 χ^2 /NDF:361.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -30.055 $\pm$ 0.198 χ^2 /NDF: 851.9/12

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.395 $\pm$ 0.402 χ^2 /NDF: 80.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -9.005 $\pm$ 0.310 χ^2 /NDF: 37.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

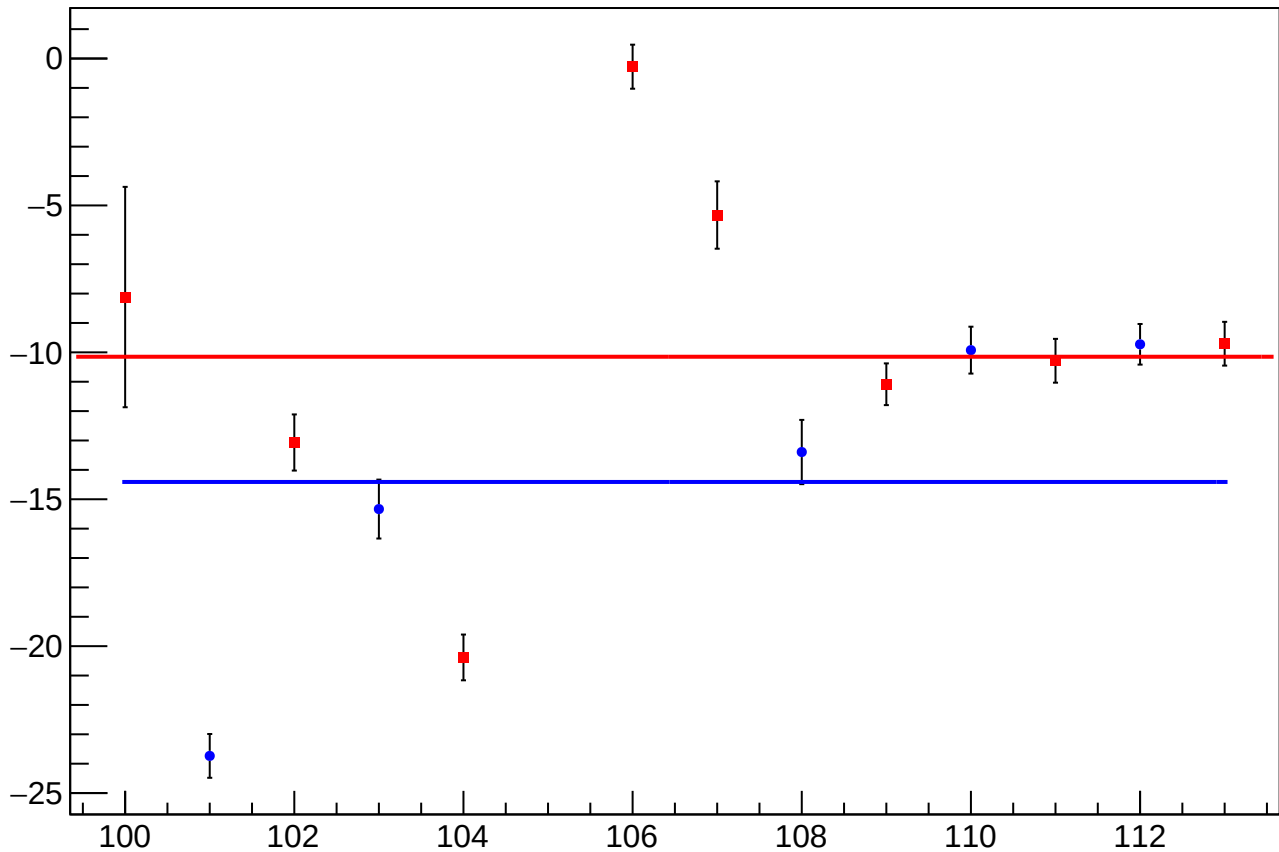
Right: -8.777 $\pm$ 0.245 χ^2 /NDF: 119.2/12

In: -8.395 $\pm$ 0.402 χ^2 /NDF:80.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -8.777 $\pm$ 0.245 χ^2 /NDF: 119.2/12

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: -10.150 ± 0.302 χ^2/NDF : 375.5/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

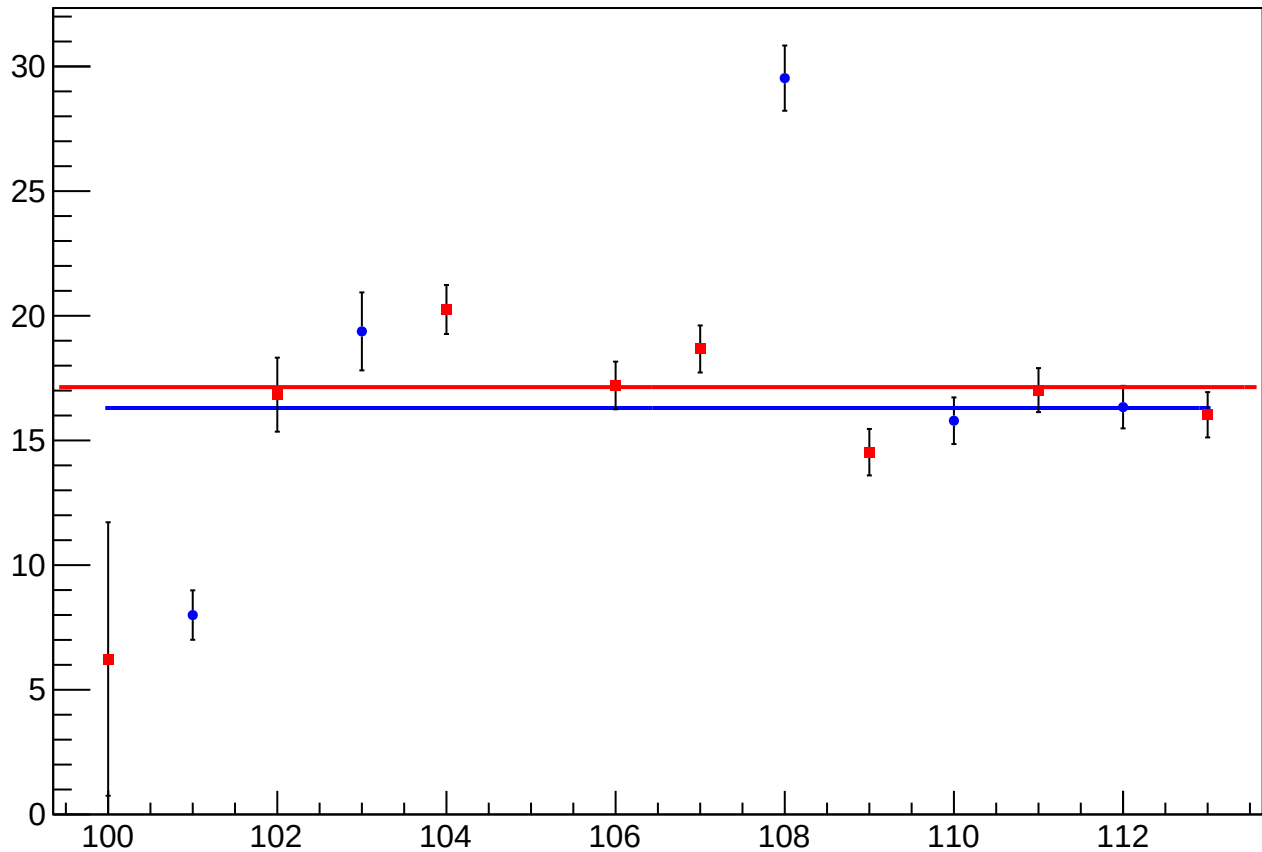
Right: -11.855 ± 0.234 χ^2/NDF : 690.8/12

In: -14.411 ± 0.370 χ^2/NDF : 235.8/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.855 ± 0.234 χ^2/NDF : 690.8/12

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.302+/-0.470 χ^2/NDF : 176.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.140+/-0.368 χ^2/NDF : 26.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

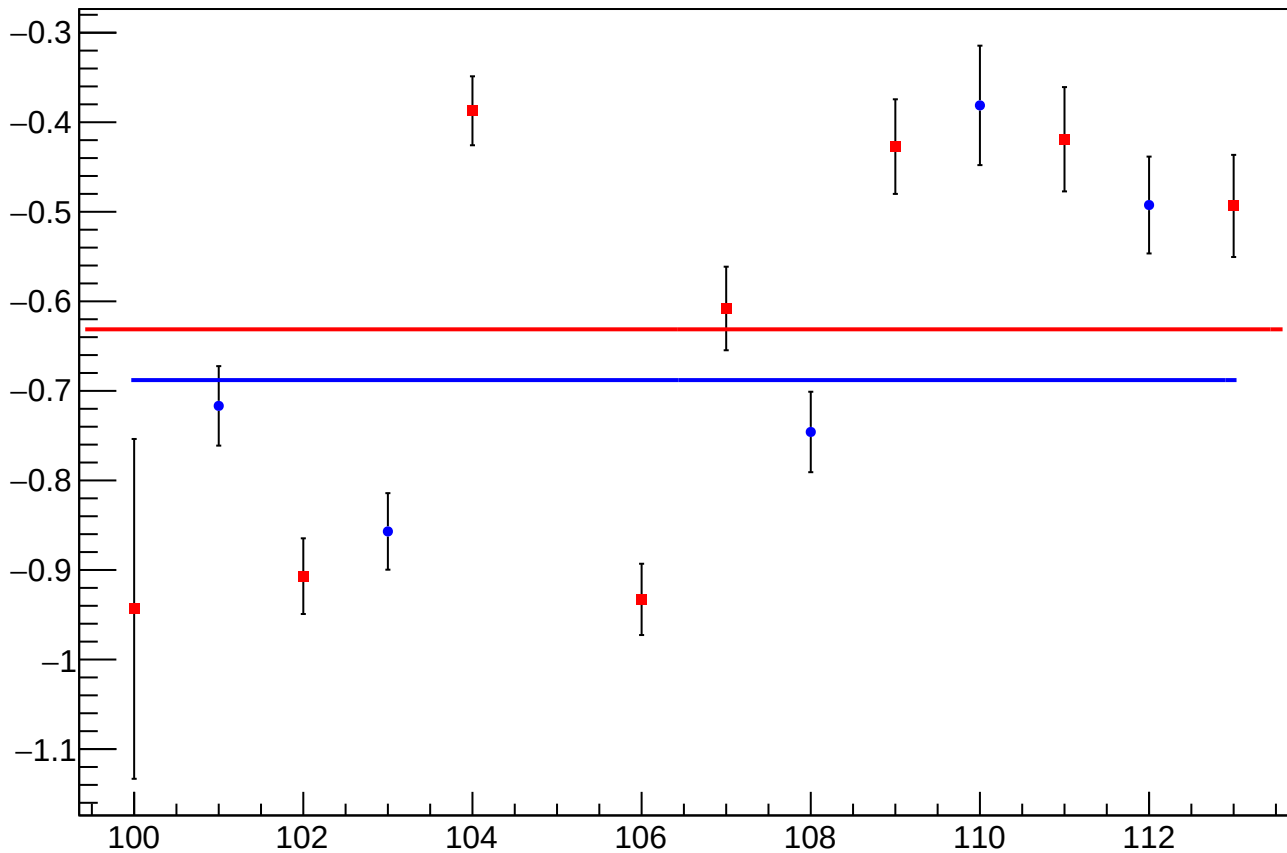
Right: 16.821+/-0.290 χ^2/NDF : 204.6/12

In: 16.302+/-0.470 χ^2/NDF : 176.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.821+/-0.290 χ^2/NDF : 204.6/12

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: -0.631+/-0.017 χ^2/NDF : 177.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

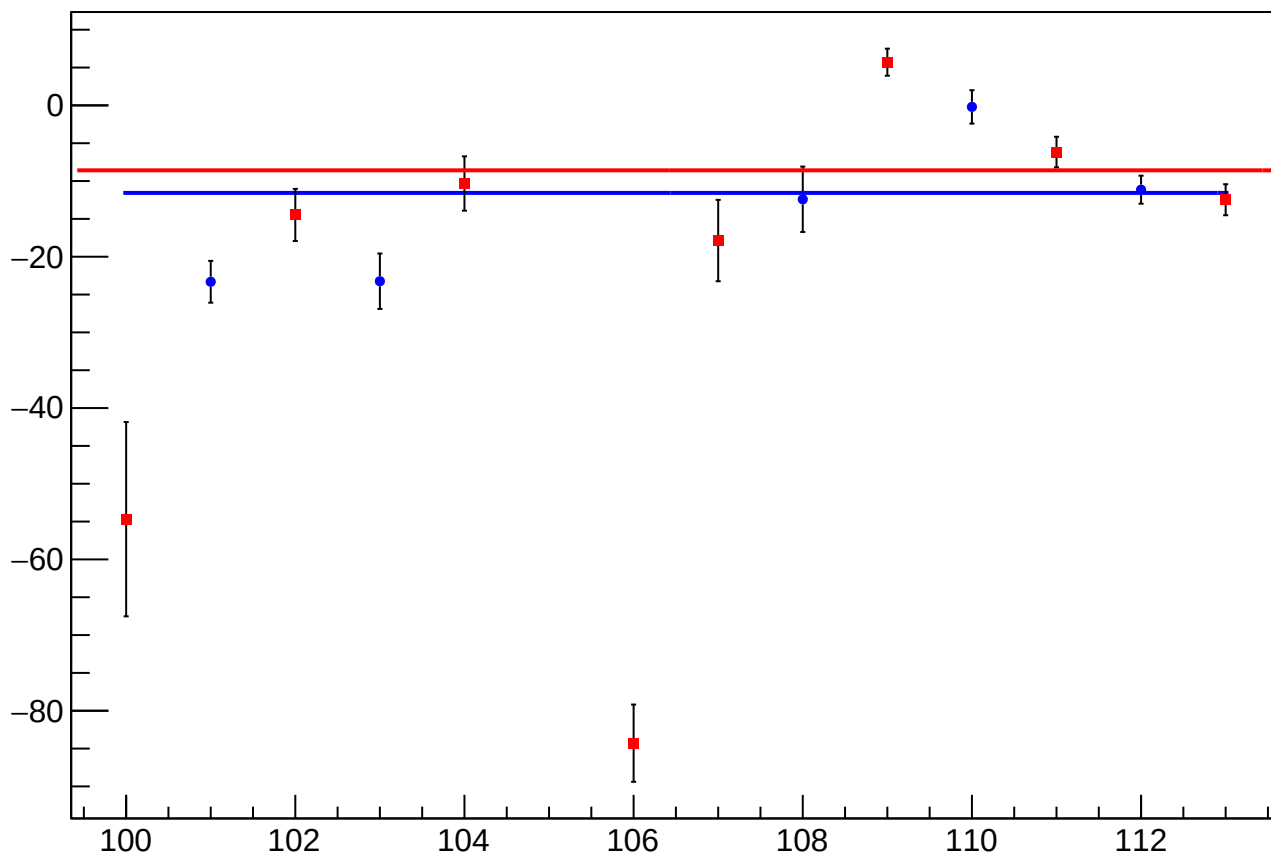
Right: -0.653+/-0.014 χ^2/NDF : 233.2/12

In: -0.688+/-0.022 χ^2/NDF : 51.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.653+/-0.014 χ^2/NDF : 233.2/12

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -11.566+/-1.150 χ^2/NDF : 54.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.584+/-0.982 χ^2/NDF : 307.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

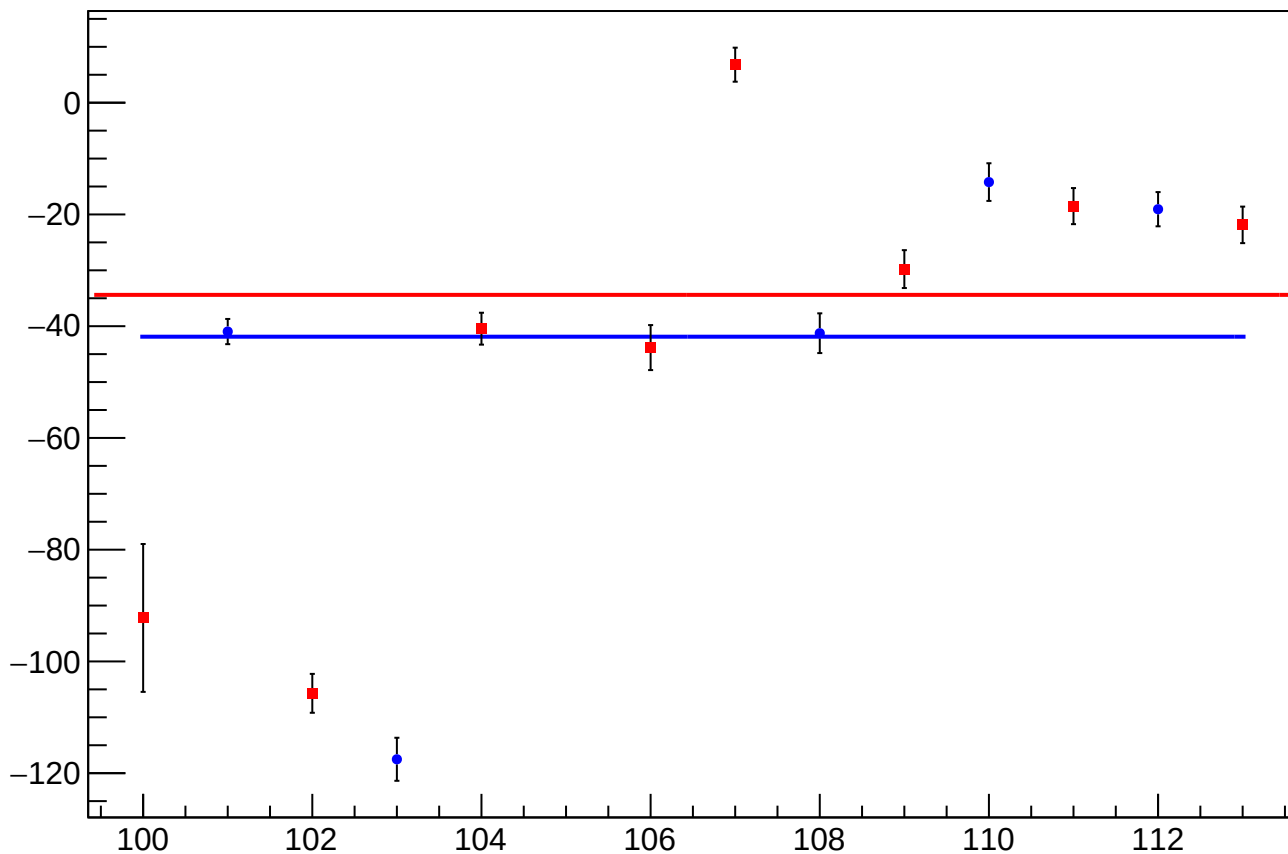
Right: -9.842+/-0.747 χ^2/NDF : 366.6/12

In: -11.566+/-1.150 χ^2/NDF : 54.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.842+/-0.747 χ^2/NDF : 366.6/12

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: -34.395+/-1.234 χ^2/NDF : 672.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

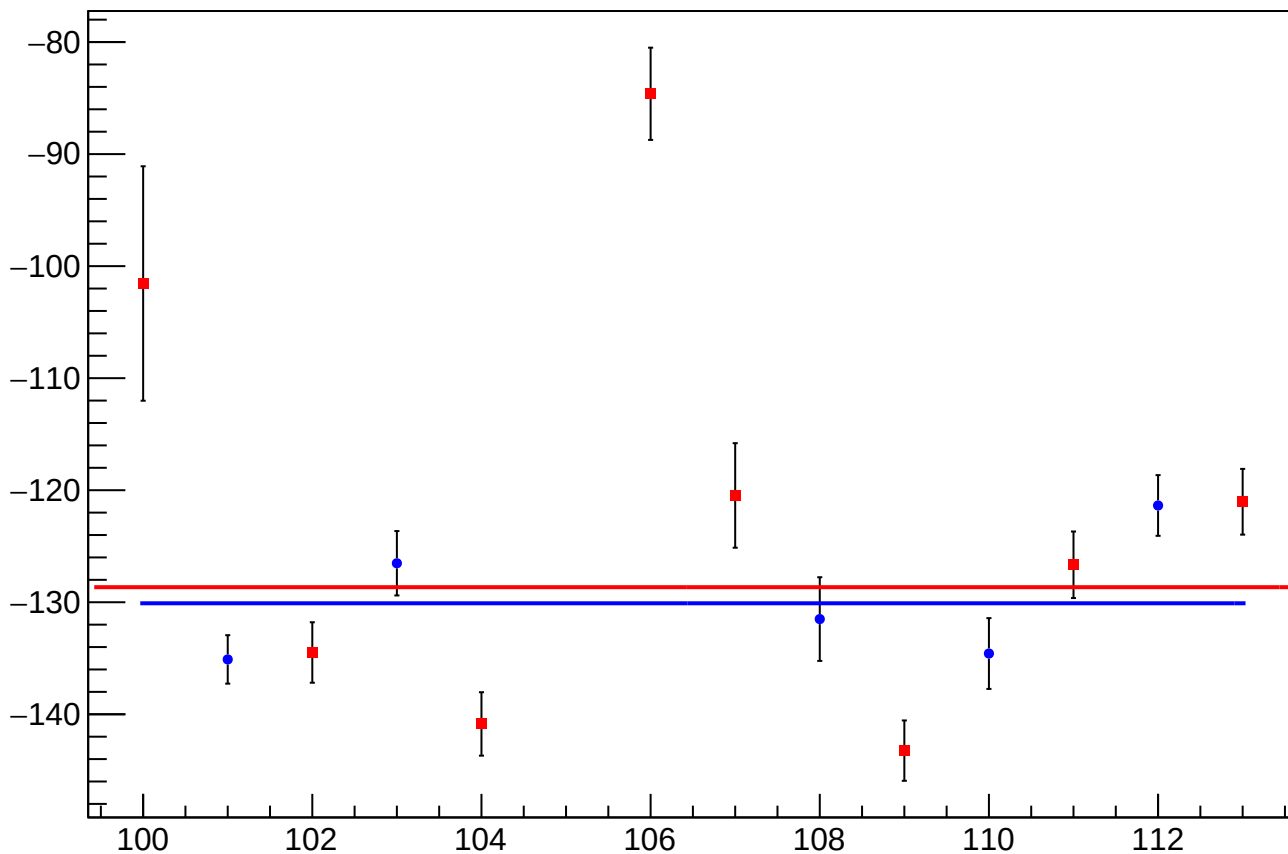
Right: -37.763+/-0.915 χ^2/NDF : 1197.9/12

In: -41.880+/-1.364 χ^2/NDF : 508.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.763+/-0.915 χ^2/NDF : 1197.9/12

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -130.092 $\pm$ 1.247 χ^2 /NDF: 19.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -128.656 $\pm$ 1.160 χ^2 /NDF: 184.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

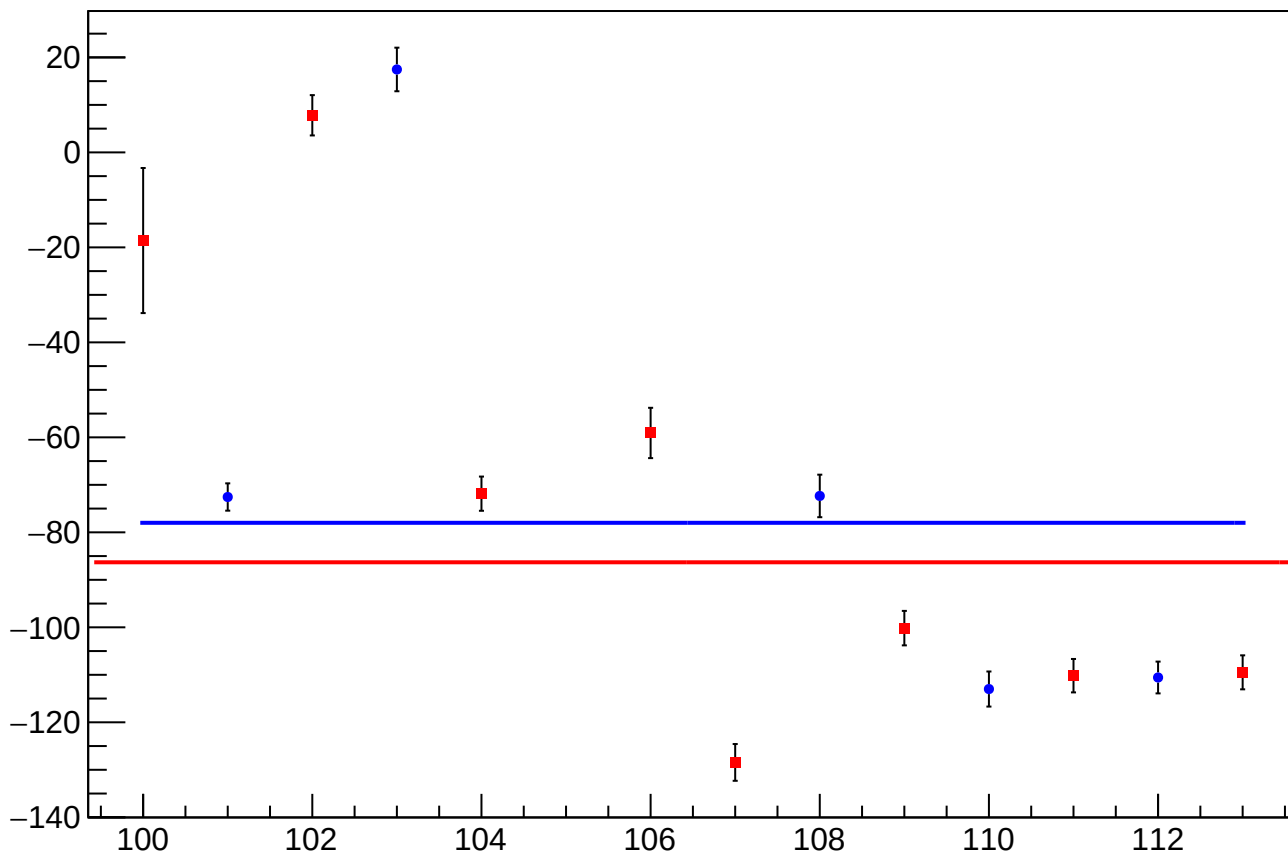
Right: -129.322 $\pm$ 0.849 χ^2 /NDF: 204.2/12

In: -130.092 $\pm$ 1.247 χ^2 /NDF: 19.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -129.322 $\pm$ 0.849 χ^2 /NDF: 204.2/12

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: -86.309 $\pm$ 1.453 χ^2 /NDF: 775.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

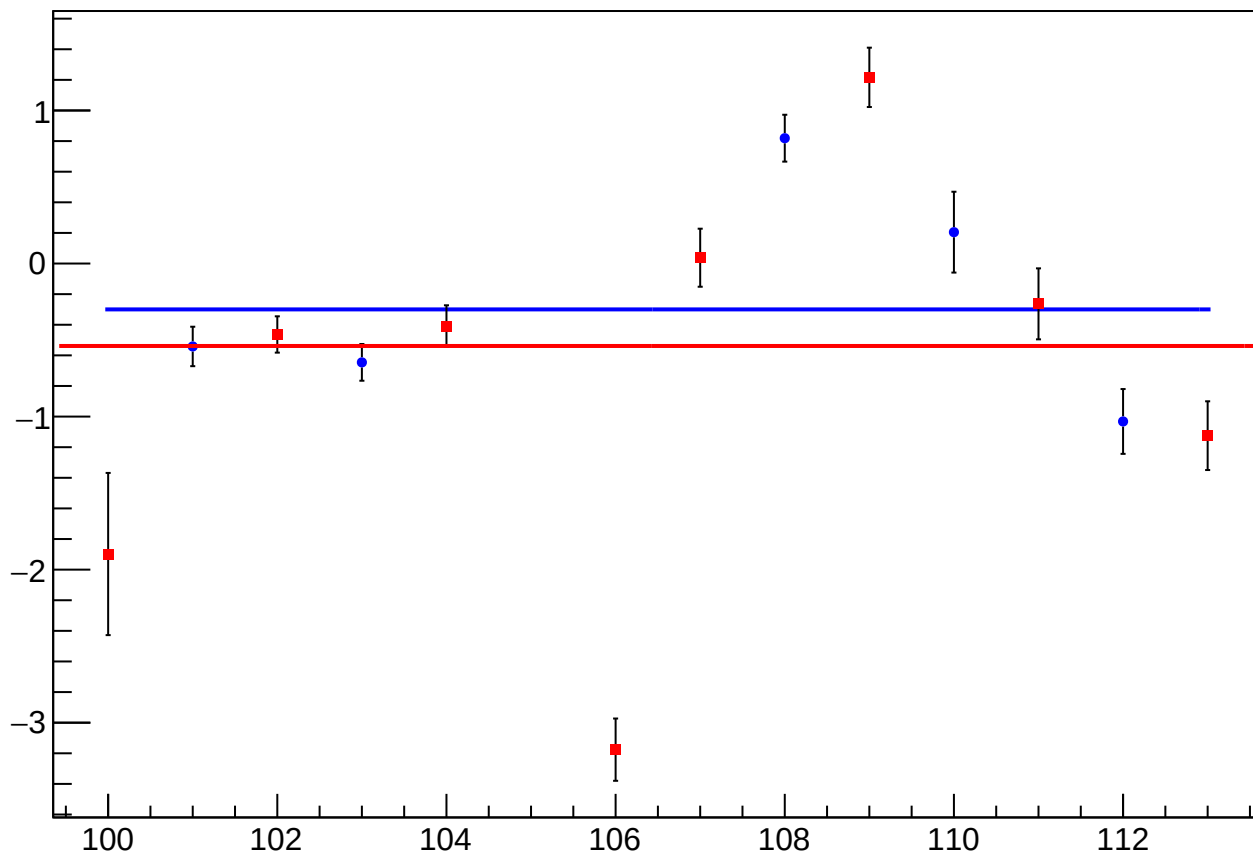
Right: -82.604 $\pm$ 1.082 χ^2 /NDF: 1412.1/12

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: -82.604 $\pm$ 1.082 χ^2 /NDF: 1412.1/12

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: -0.539 ± 0.064 χ^2/NDF : 275.4/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

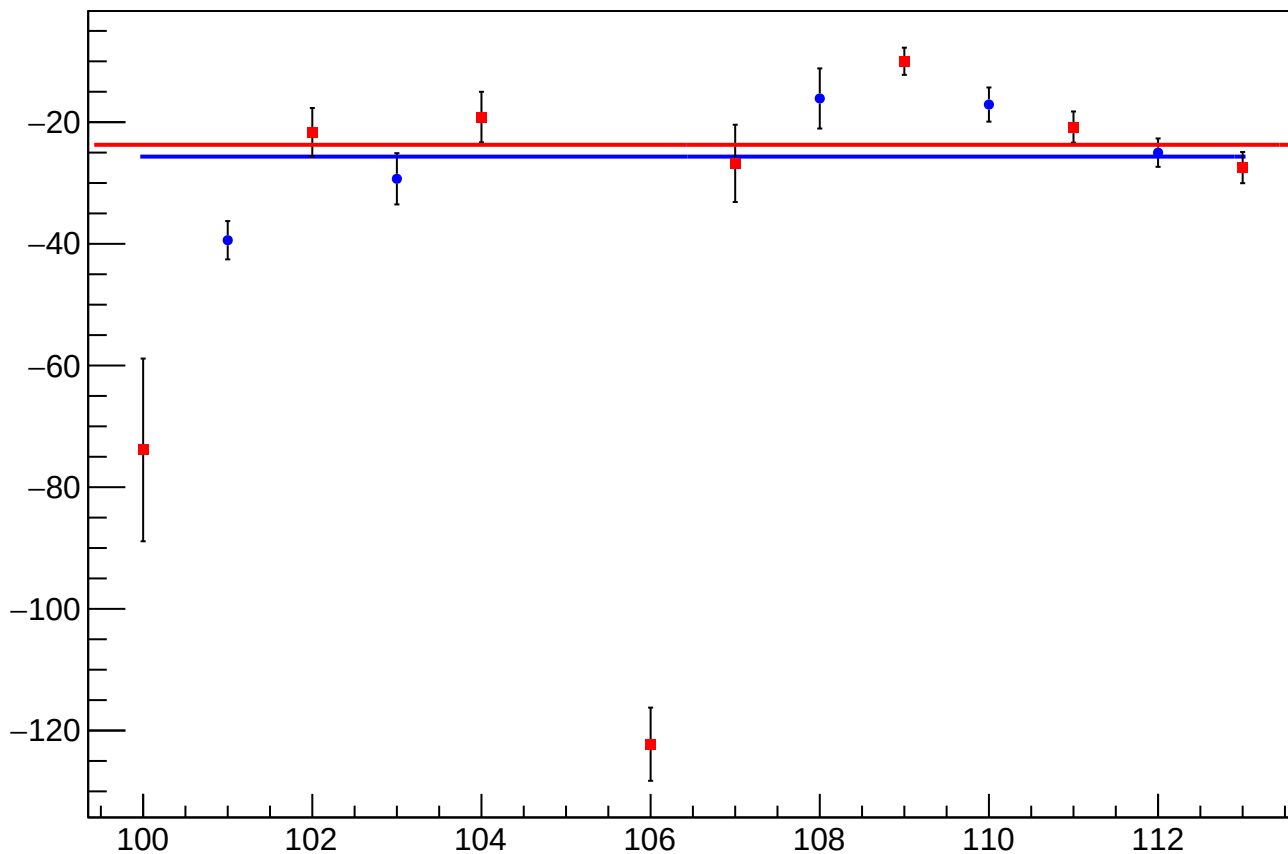
Right: -0.429 ± 0.047 χ^2/NDF : 362.7/12

In: -0.300 ± 0.069 χ^2/NDF : 80.8/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.429 ± 0.047 χ^2/NDF : 362.7/12

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: -23.719+/-1.209 χ^2/NDF : 322.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

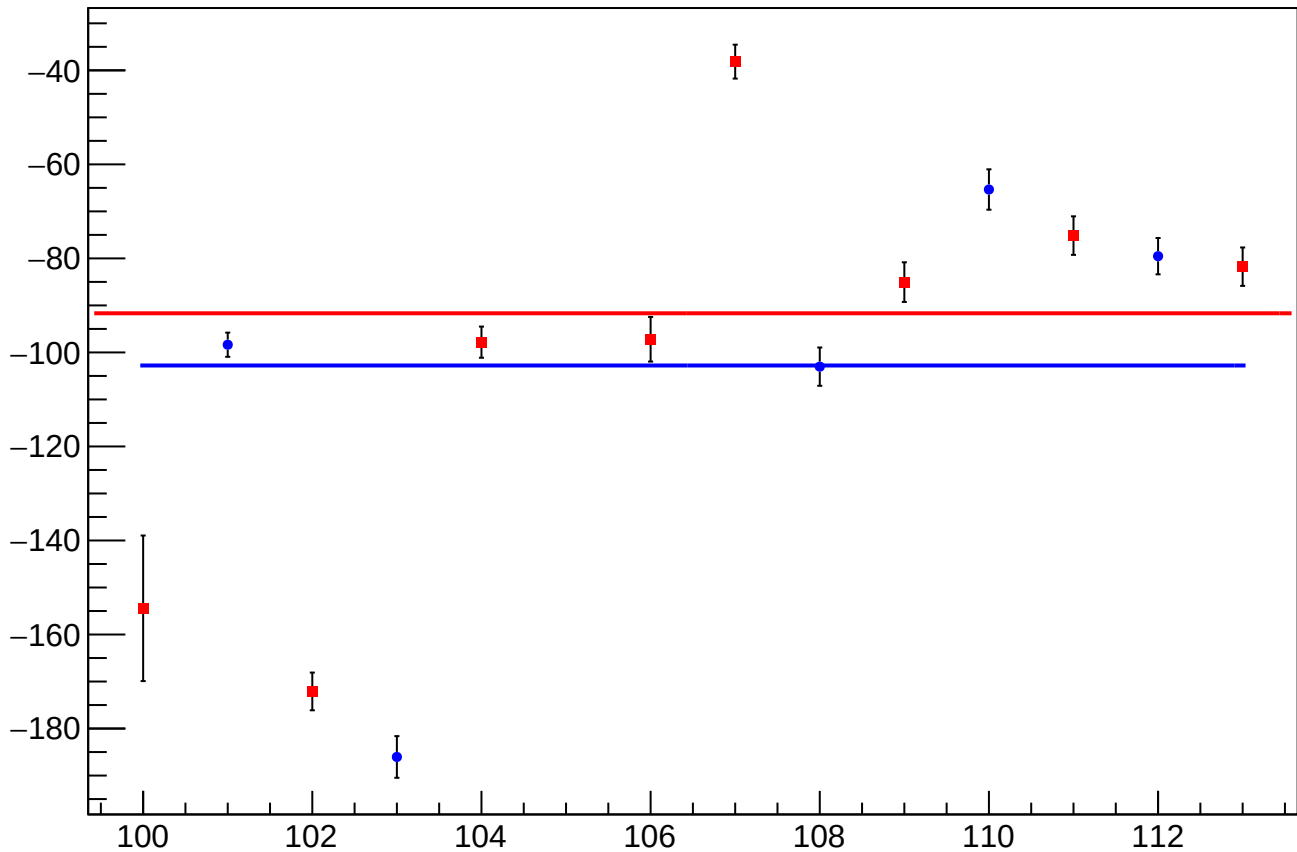
Right: -24.547+/-0.916 χ^2/NDF : 356.5/12

In: -25.660+/-1.402 χ^2/NDF : 32.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.547+/-0.916 χ^2/NDF : 356.5/12

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: -91.674 $\pm$ 1.484 χ^2 /NDF: 667.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

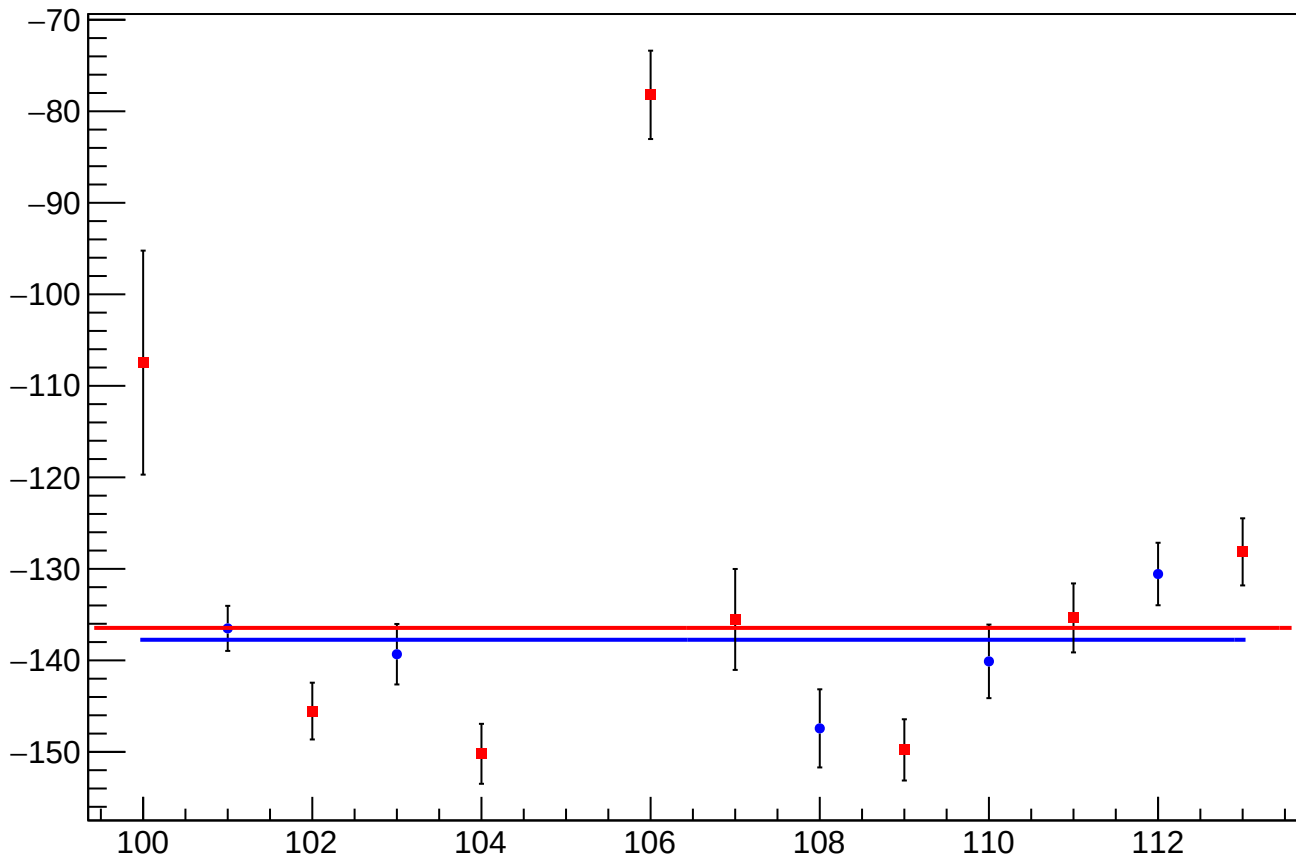
Right: -96.757 $\pm$ 1.093 χ^2 /NDF: 1161.5/12

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: -96.757 $\pm$ 1.093 χ^2 /NDF: 1161.5/12

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: -136.451+/-1.395 χ^2/NDF : 198.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

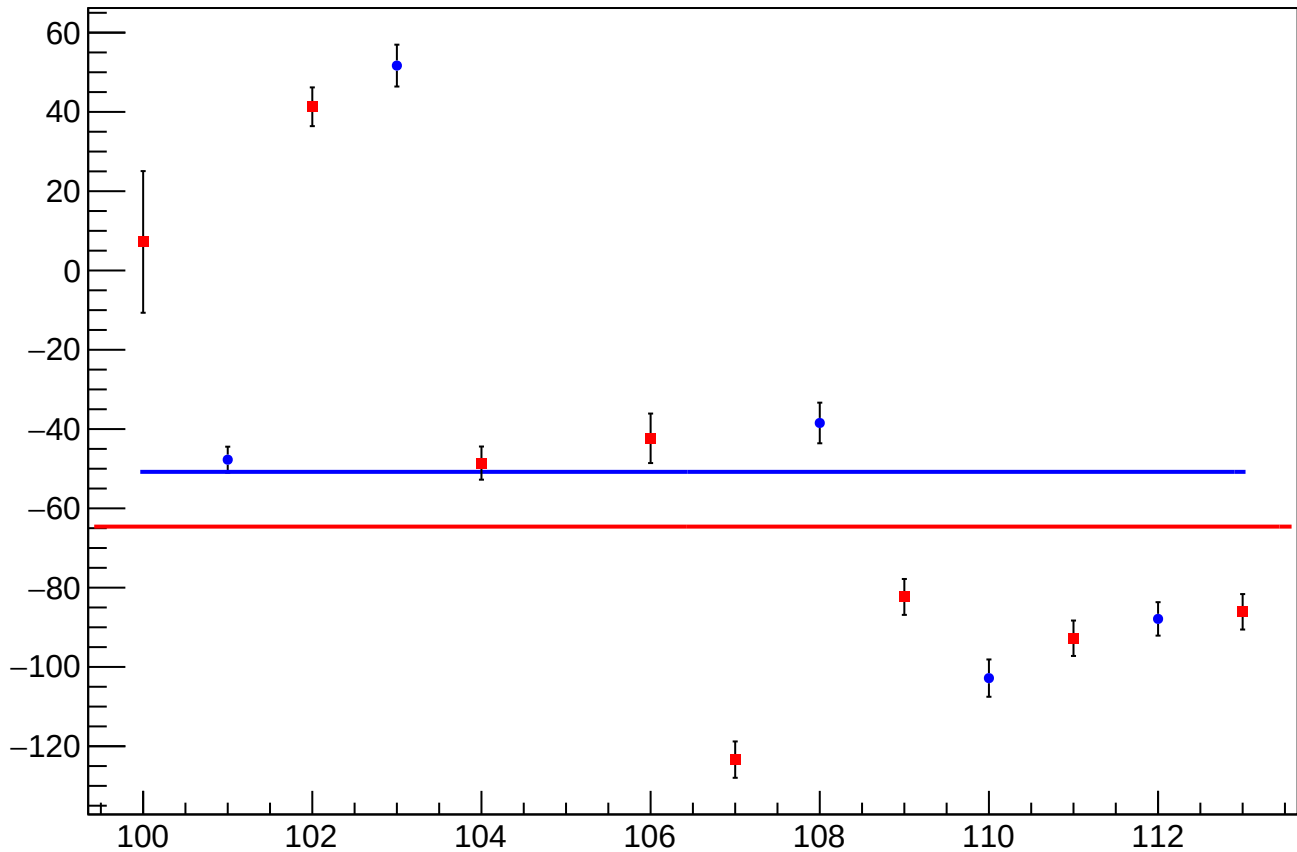
Right: -137.063+/-1.014 χ^2/NDF : 209.3/12

In: -137.748+/-1.476 χ^2/NDF : 10.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -137.063+/-1.014 χ^2/NDF : 209.3/12

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: -64.602+/-1.756 χ^2/NDF : 755.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

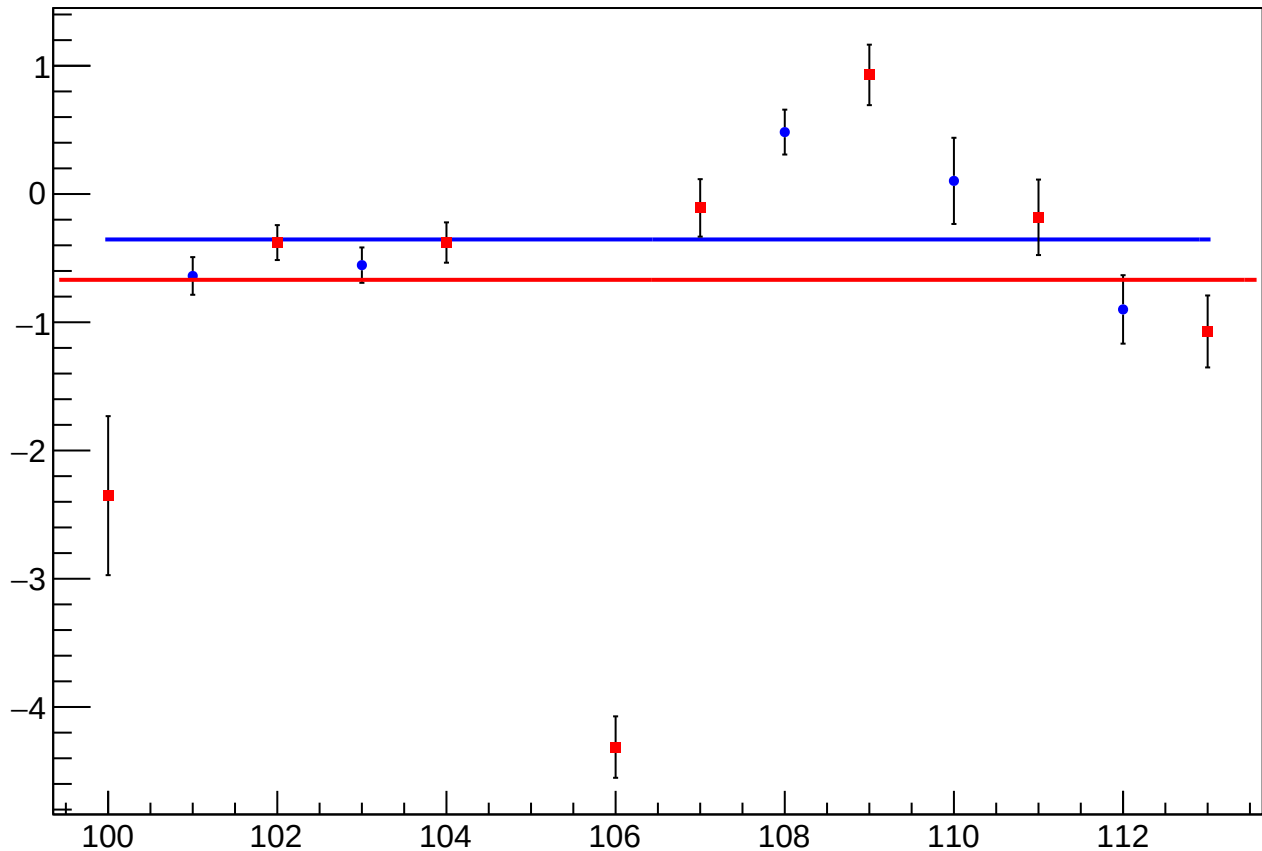
Right: -58.349+/-1.299 χ^2/NDF : 1366.3/12

In: -50.791+/-1.931 χ^2/NDF : 582.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -58.349+/-1.299 χ^2/NDF : 1366.3/12

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: -0.669 ± 0.075 χ^2/NDF : 303.6/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

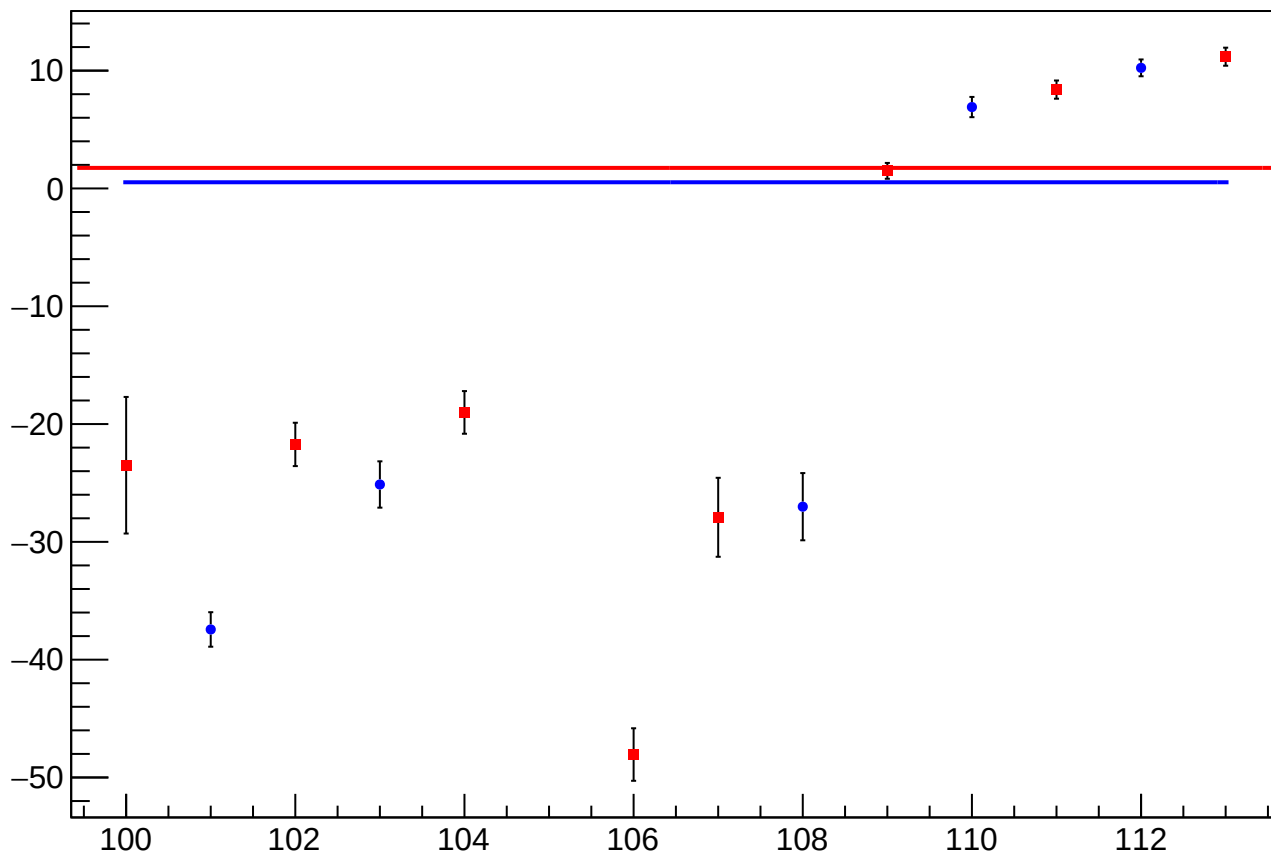
Right: -0.522 ± 0.055 χ^2/NDF : 346.5/12

In: -0.354 ± 0.080 χ^2/NDF : 34.8/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.522 ± 0.055 χ^2/NDF : 346.5/12

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: 1.744+/-0.392 χ^2/NDF : 1116.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

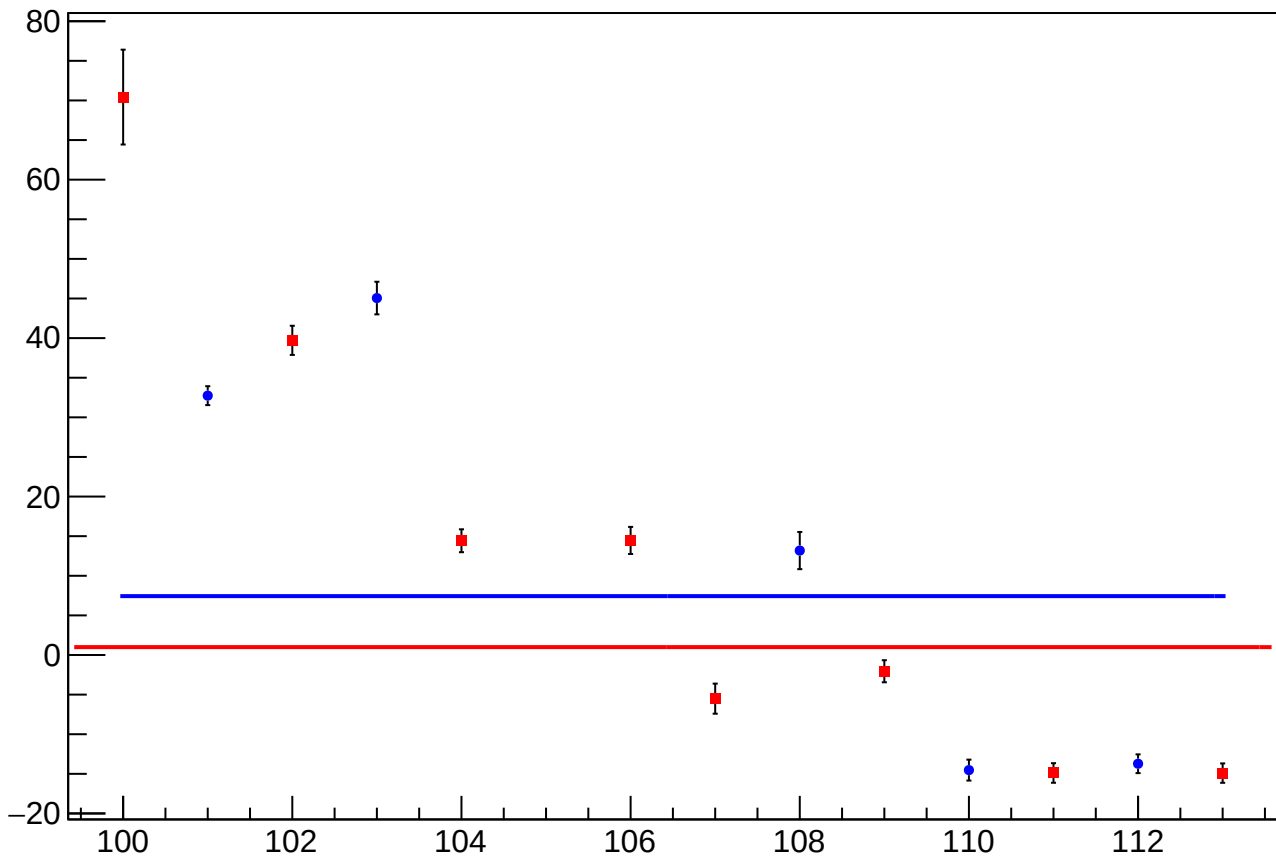
Right: 1.268+/-0.306 χ^2/NDF : 2295.6/12

In: 0.524+/-0.490 χ^2/NDF : 1175.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.268+/-0.306 χ^2/NDF : 2295.6/12

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: 0.995+/-0.554 χ^2/NDF : 1076.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

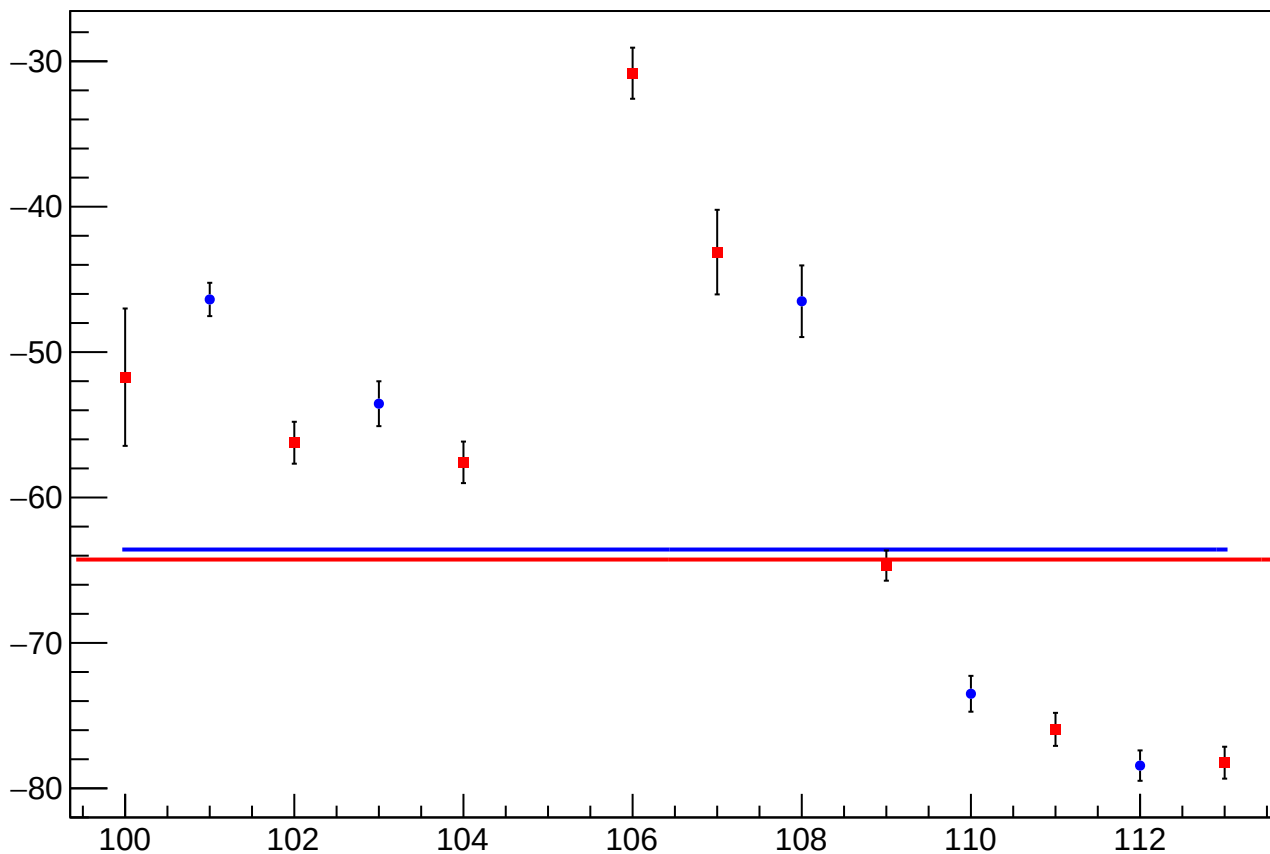
Right: 3.729+/-0.420 χ^2/NDF : 2519.6/12

In: 7.432+/-0.645 χ^2/NDF : 1386.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.729+/-0.420 χ^2/NDF : 2519.6/12

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: -64.266 $\pm$ 0.501 χ^2 /NDF: 743.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

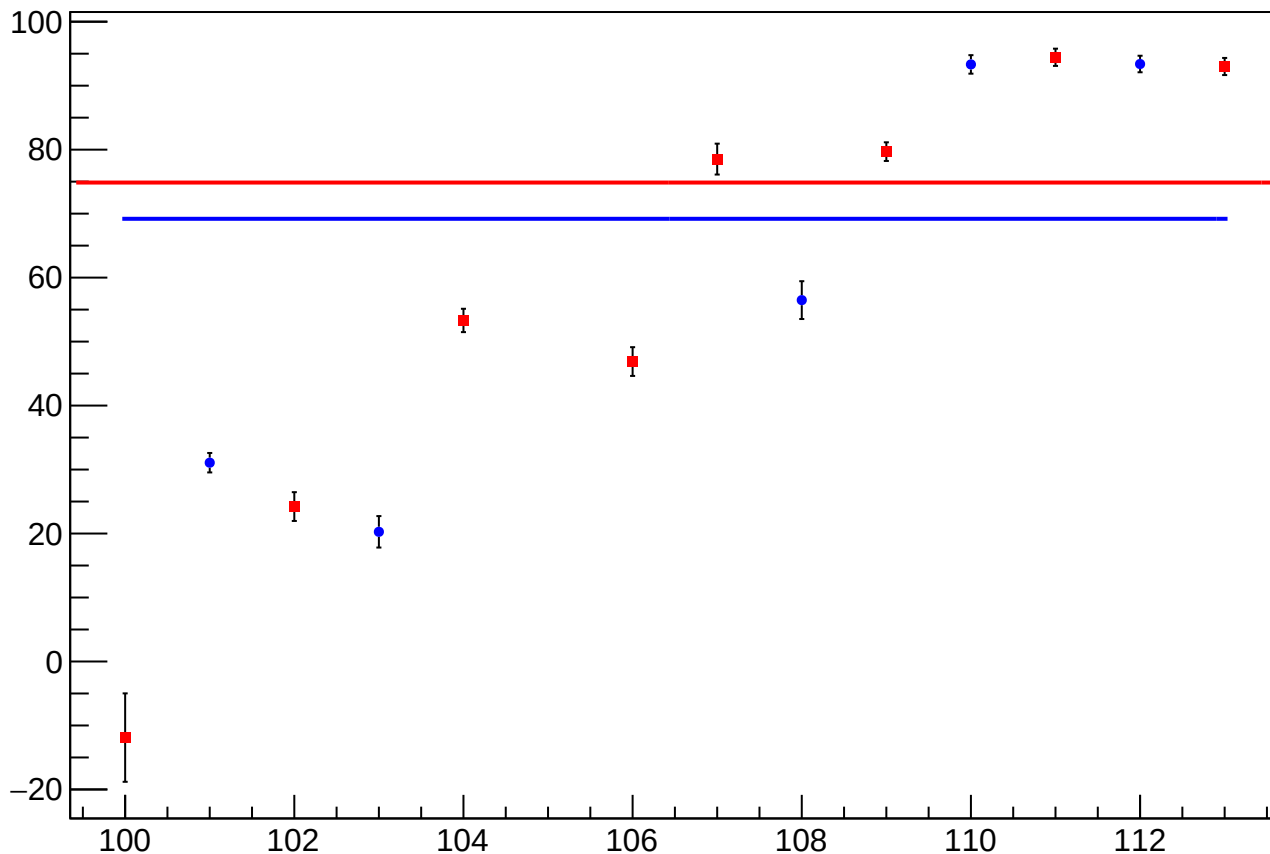
Right: -63.975 $\pm$ 0.380 χ^2 /NDF: 1326.4/12

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: -63.975 $\pm$ 0.380 χ^2 /NDF: 1326.4/12

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: 74.858+/-0.636 χ^2/NDF : 1367.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

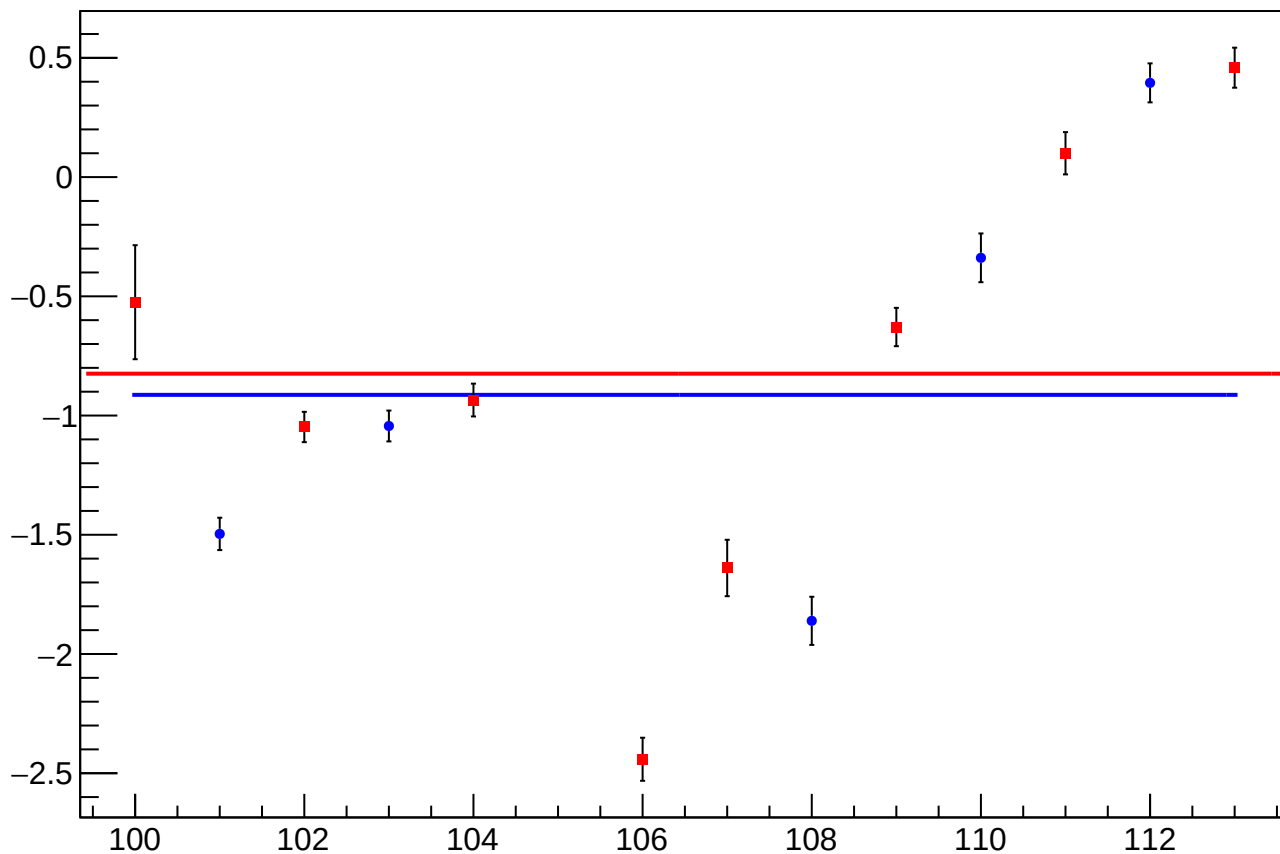
Right: 72.477+/-0.485 χ^2/NDF : 3072.5/12

In: 69.193+/-0.748 χ^2/NDF : 1672.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.477+/-0.485 χ^2/NDF : 3072.5/12

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.913 ± 0.035 χ^2/NDF : 453.9/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.824 ± 0.030 χ^2/NDF : 732.8/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

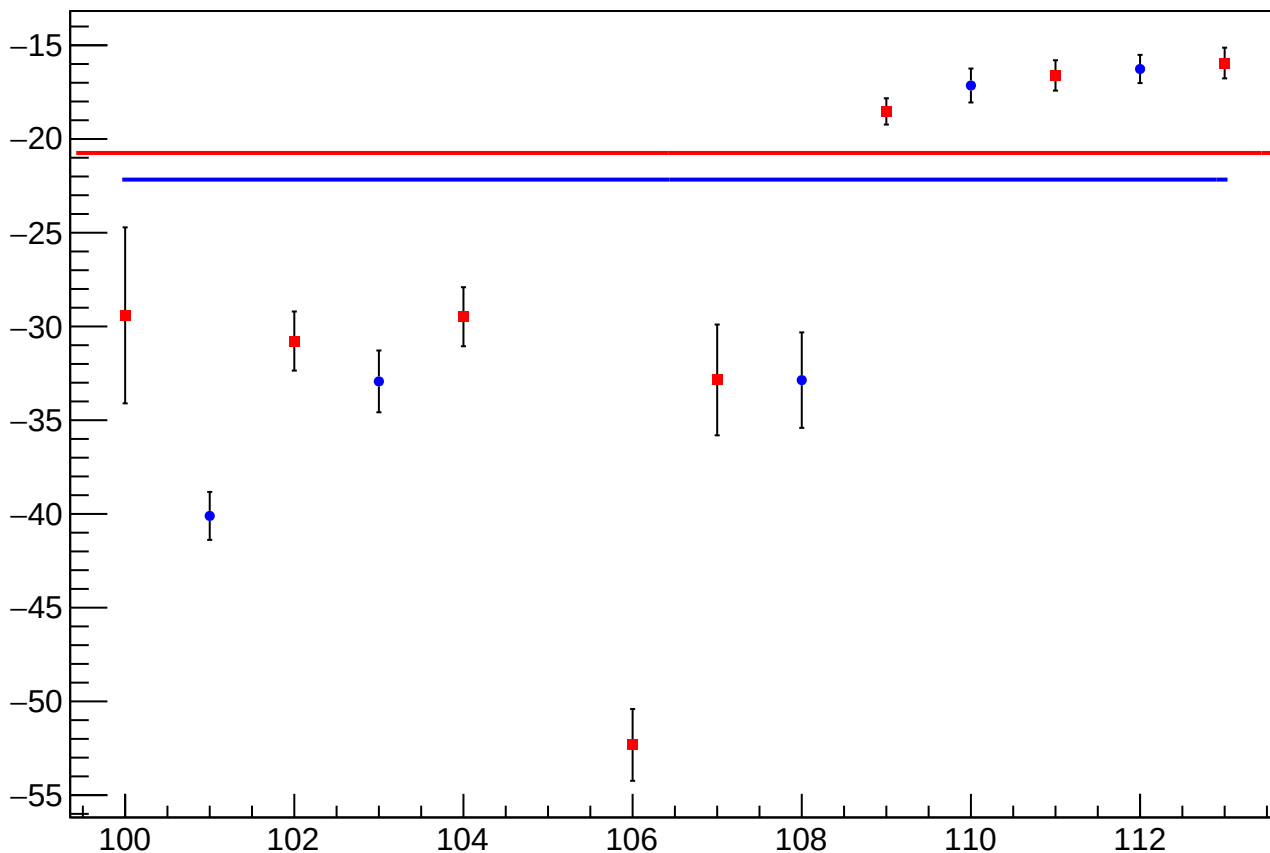
Right: -0.862 ± 0.023 χ^2/NDF : 1190.4/12

In: -0.913 ± 0.035 χ^2/NDF : 453.9/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.862 ± 0.023 χ^2/NDF : 1190.4/12

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: -20.744+/-0.399 χ^2/NDF : 433.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

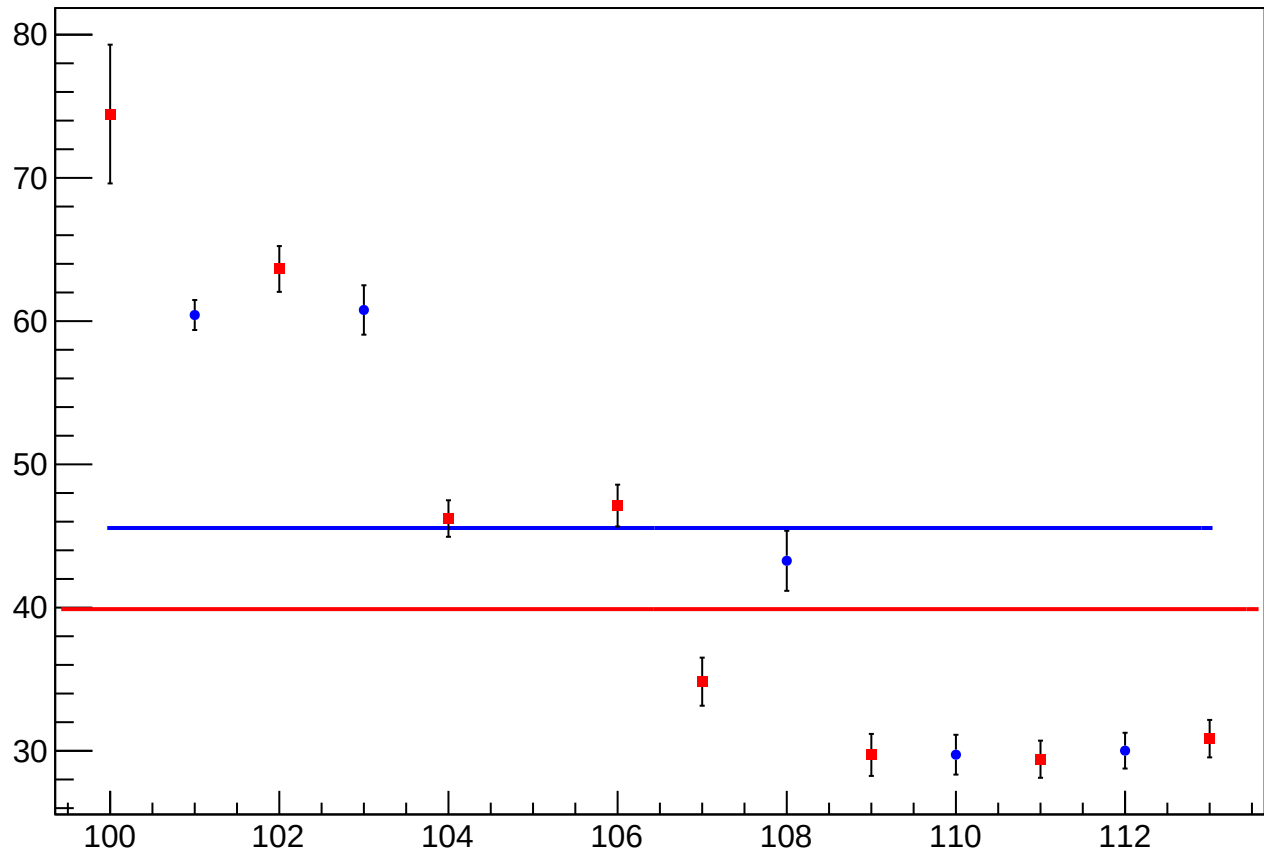
Right: -21.307+/-0.310 χ^2/NDF : 788.0/12

In: -22.166+/-0.493 χ^2/NDF :349.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -21.307+/-0.310 χ^2/NDF : 788.0/12

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 45.557 $\pm$ 0.616 χ^2 /NDF: 565.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 39.894 $\pm$ 0.533 χ^2 /NDF: 491.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

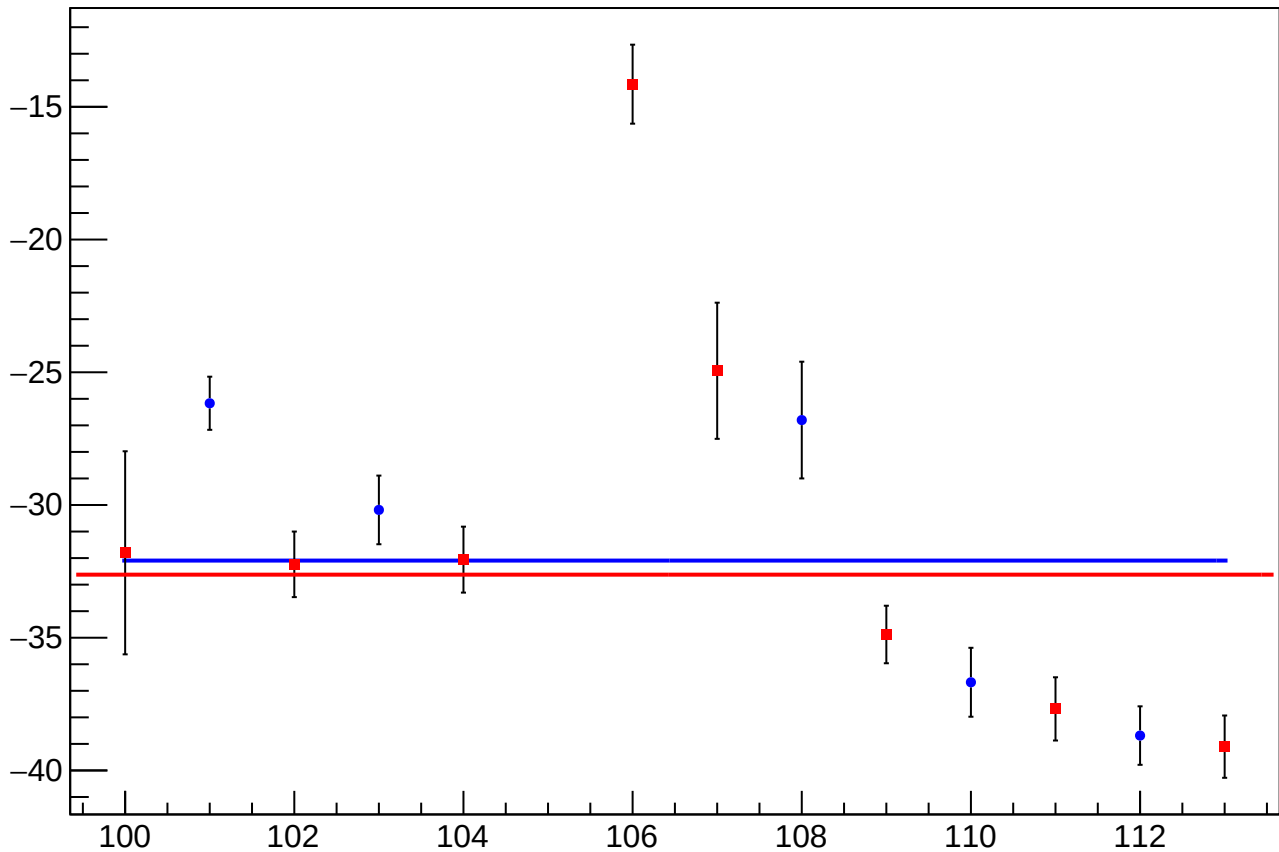
Right: 42.320 $\pm$ 0.403 χ^2 /NDF: 1105.1/12

In: 45.557 $\pm$ 0.616 χ^2 /NDF:565.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 42.320 $\pm$ 0.403 χ^2 /NDF: 1105.1/12

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: -32.624 $\pm$ 0.485 χ^2 /NDF: 216.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

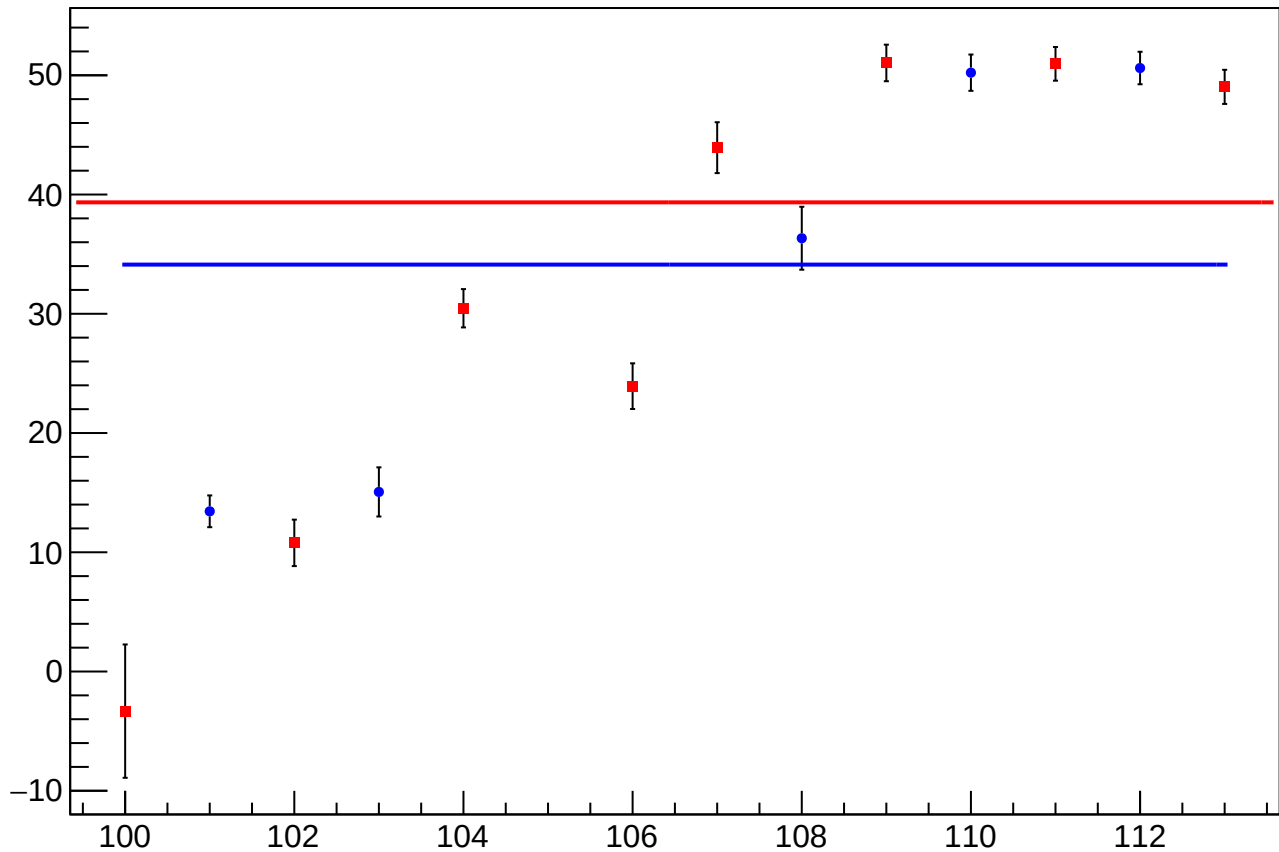
Right: -32.396 $\pm$ 0.366 χ^2 /NDF: 308.2/12

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: -32.396 $\pm$ 0.366 χ^2 /NDF: 308.2/12

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: 39.345+/-0.621 χ^2/NDF : 544.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

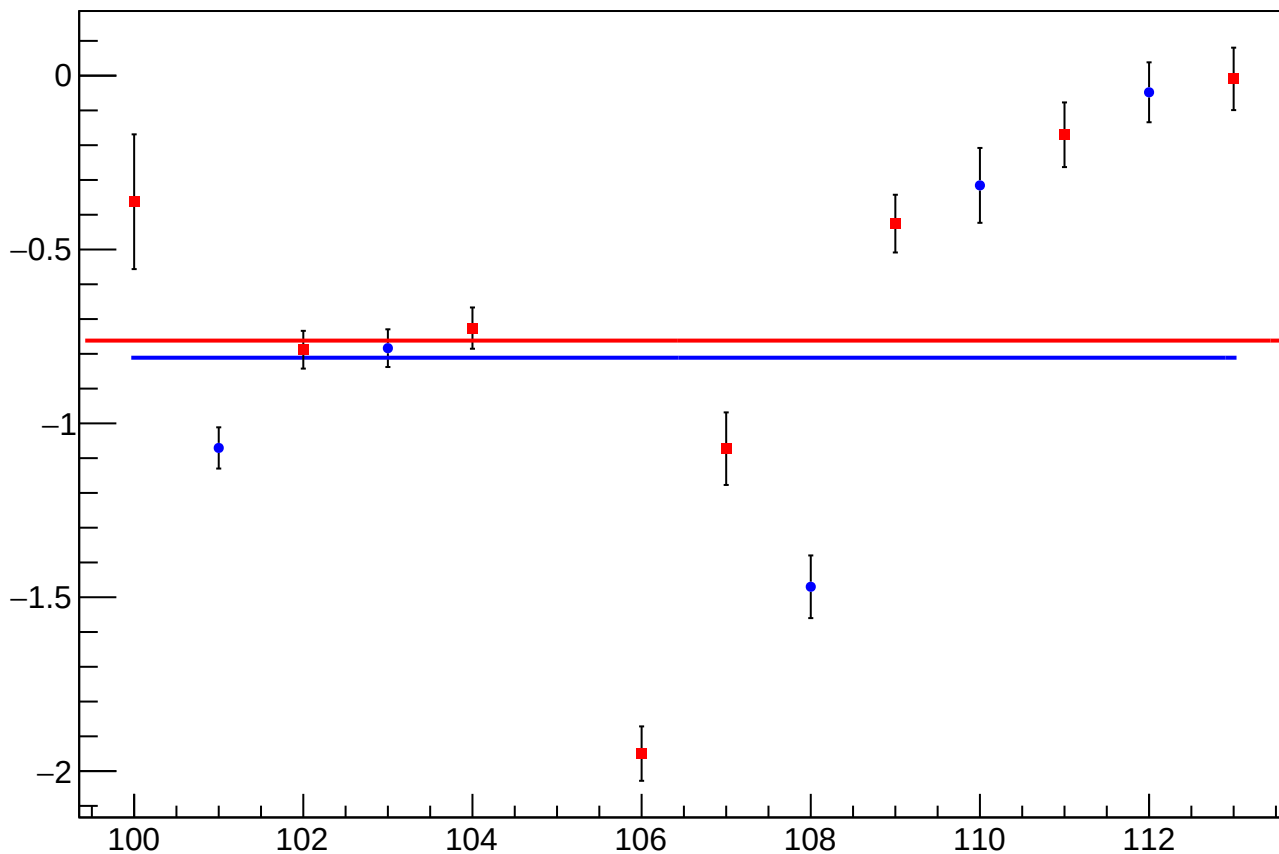
Right: 37.128+/-0.471 χ^2/NDF : 1160.6/12

In: 34.125+/-0.723 χ^2/NDF : 585.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.128+/-0.471 χ^2/NDF : 1160.6/12

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: -0.762 ± 0.028 χ^2/NDF : 371.5/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

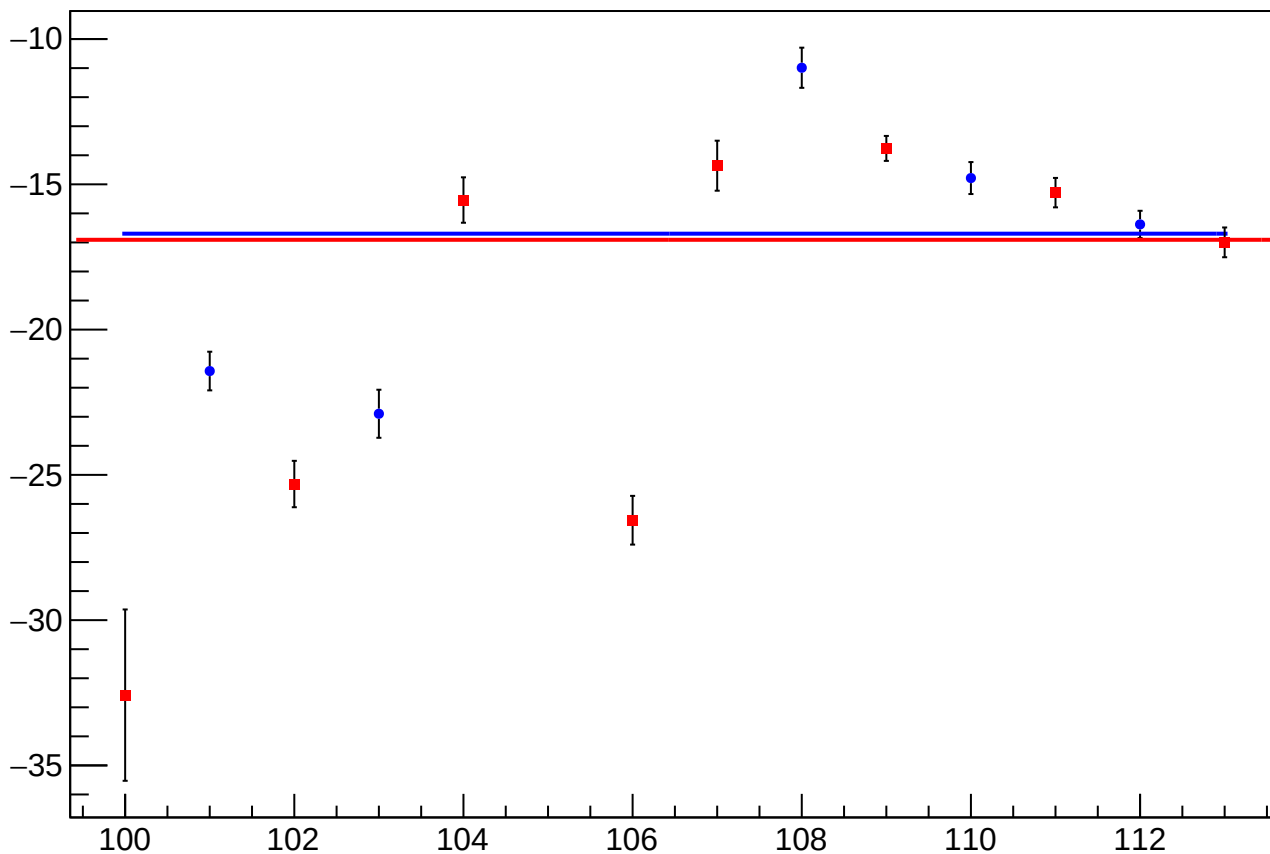
Right: -0.783 ± 0.021 χ^2/NDF : 545.4/12

In: -0.811 ± 0.032 χ^2/NDF : 172.5/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.783 ± 0.021 χ^2/NDF : 545.4/12

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -16.698+/-0.270 χ^2/NDF : 187.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.909+/-0.228 χ^2/NDF : 347.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

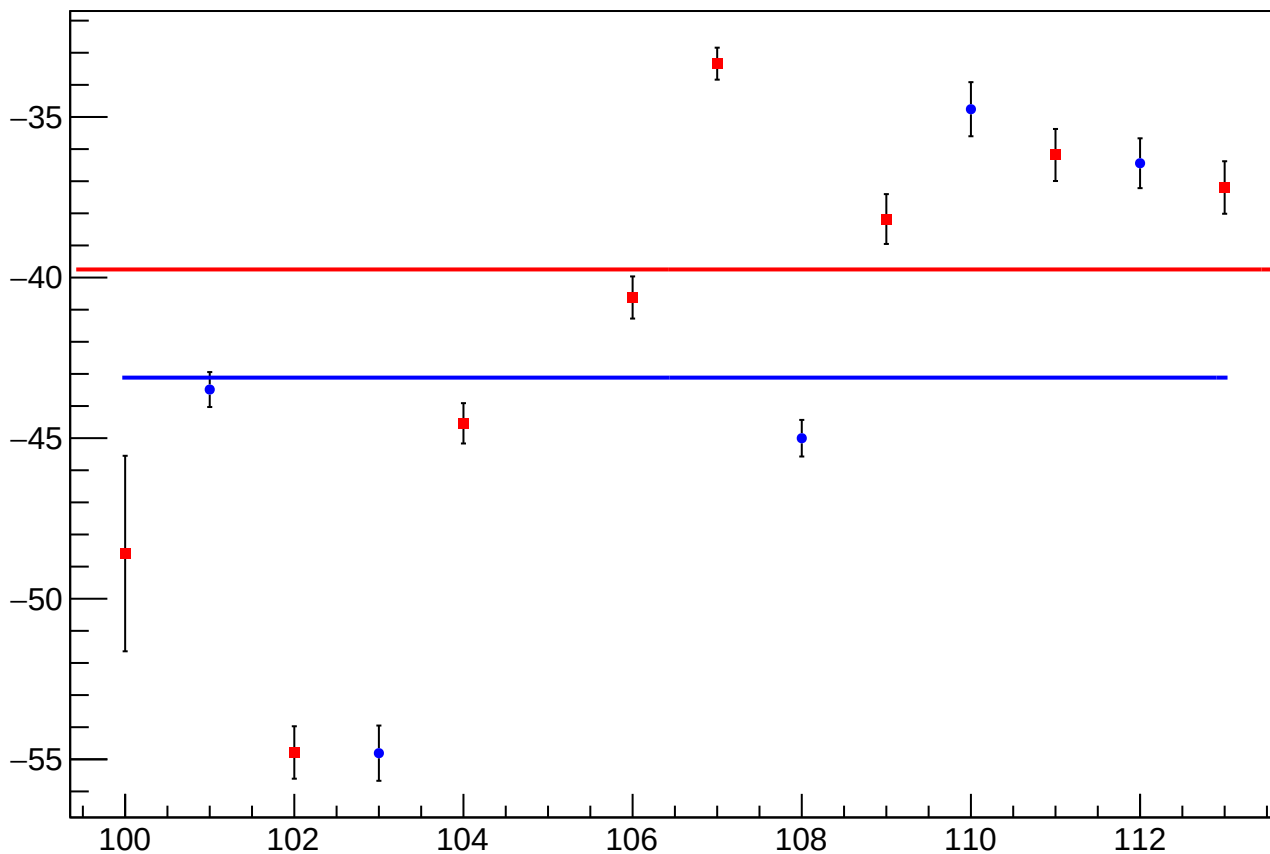
Right: -16.821+/-0.174 χ^2/NDF : 535.1/12

In: -16.698+/-0.270 χ^2/NDF : 187.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.821+/-0.174 χ^2/NDF : 535.1/12

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -43.115 ± 0.303 $\chi^2/\text{NDF}: 368.8/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -39.748 ± 0.257 $\chi^2/\text{NDF}: 606.6/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

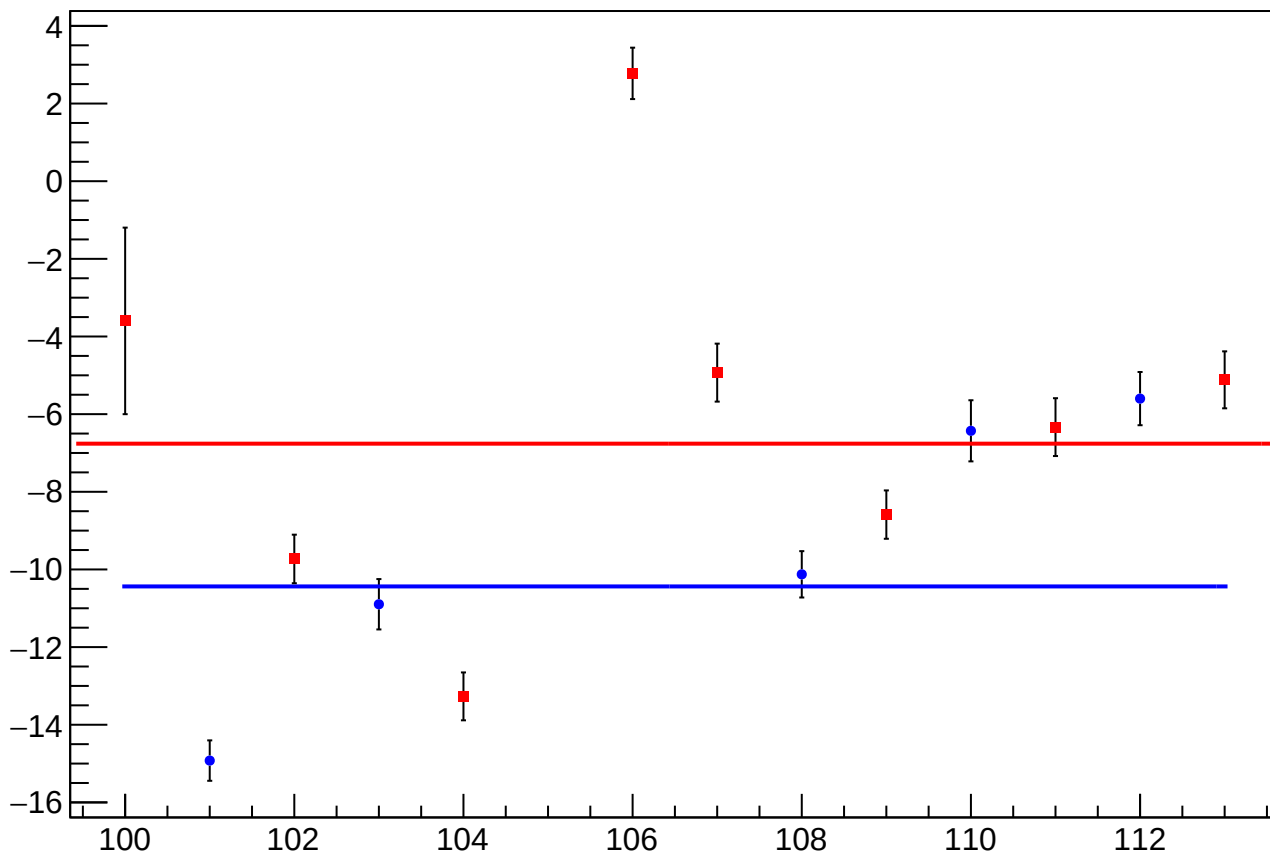
Right: -41.154 ± 0.196 $\chi^2/\text{NDF}: 1047.3/12$

In: -43.115 ± 0.303 $\chi^2/\text{NDF}: 368.8/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -41.154 ± 0.196 $\chi^2/\text{NDF}: 1047.3/12$

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -10.437 ± 0.282 $\chi^2/\text{NDF}: 150.8/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -6.760 ± 0.253 $\chi^2/\text{NDF}: 363.2/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

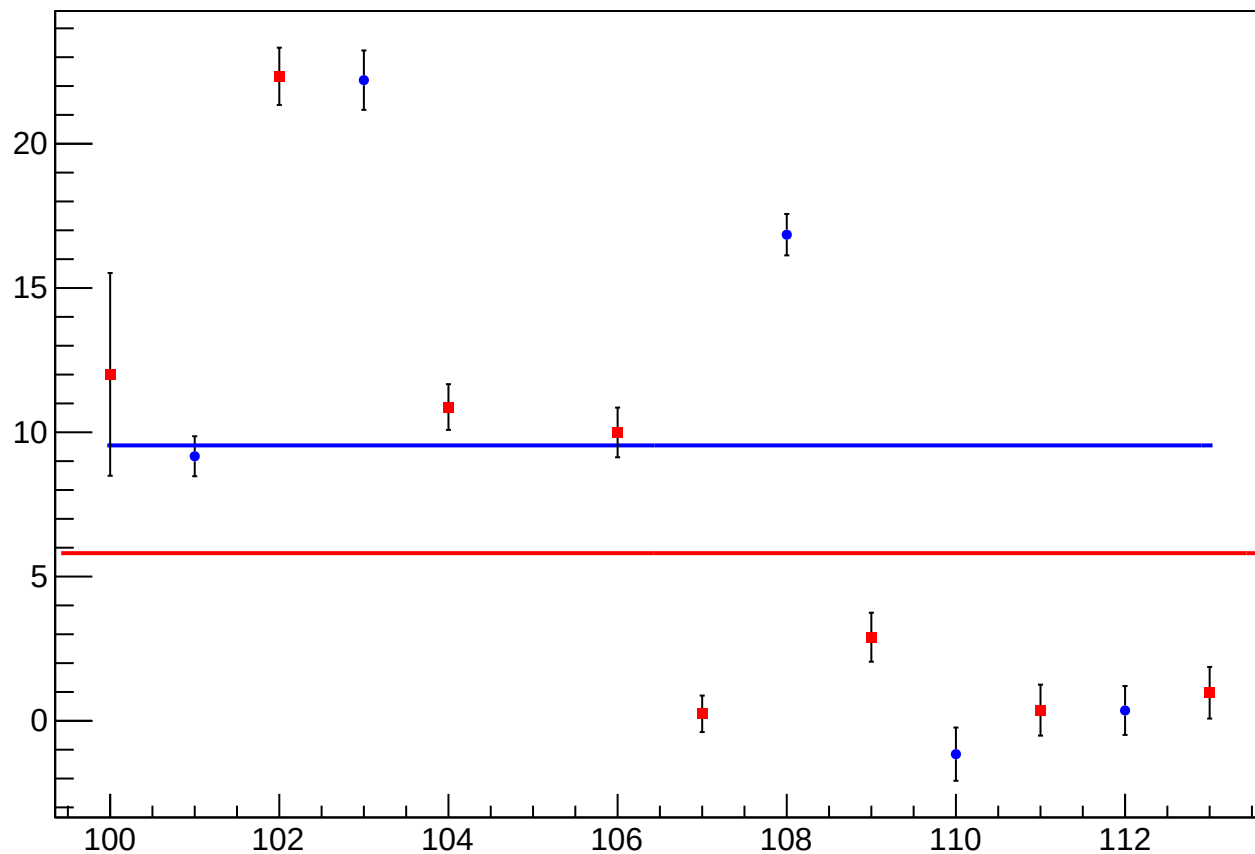
Right: -8.400 ± 0.188 $\chi^2/\text{NDF}: 608.4/12$

In: -10.437 ± 0.282 $\chi^2/\text{NDF}: 150.8/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -8.400 ± 0.188 $\chi^2/\text{NDF}: 608.4/12$

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: 5.811 $\pm$ 0.309 χ^2 /NDF: 501.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

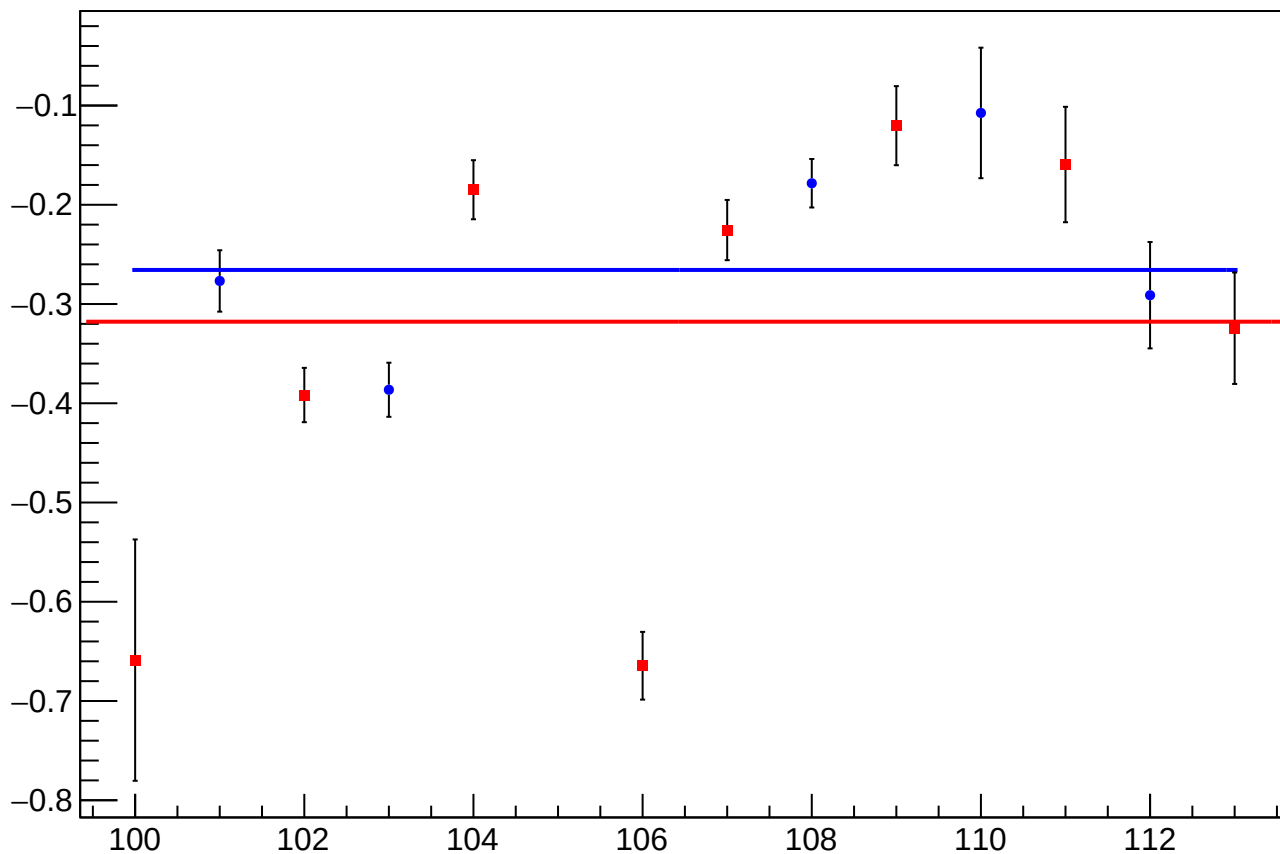
Right: 7.375 $\pm$ 0.236 χ^2 /NDF: 1069.9/12

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: 7.375 $\pm$ 0.236 χ^2 /NDF: 1069.9/12

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: -0.318+/-0.013 χ^2/NDF : 179.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

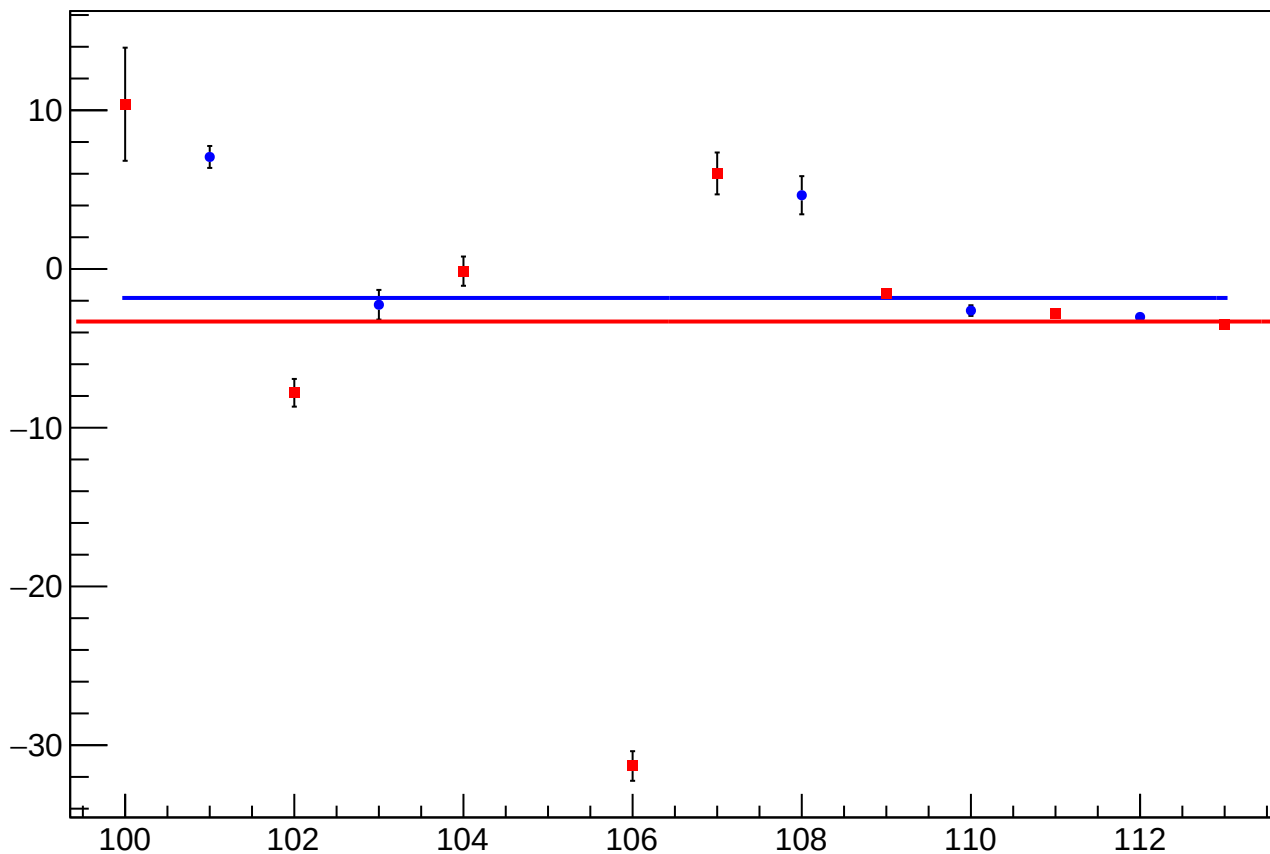
Right: -0.294+/-0.010 χ^2/NDF : 225.2/12

In: -0.266+/-0.015 χ^2/NDF : 38.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.294+/-0.010 χ^2/NDF : 225.2/12

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: -3.310+/-0.159 χ^2/NDF : 1051.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

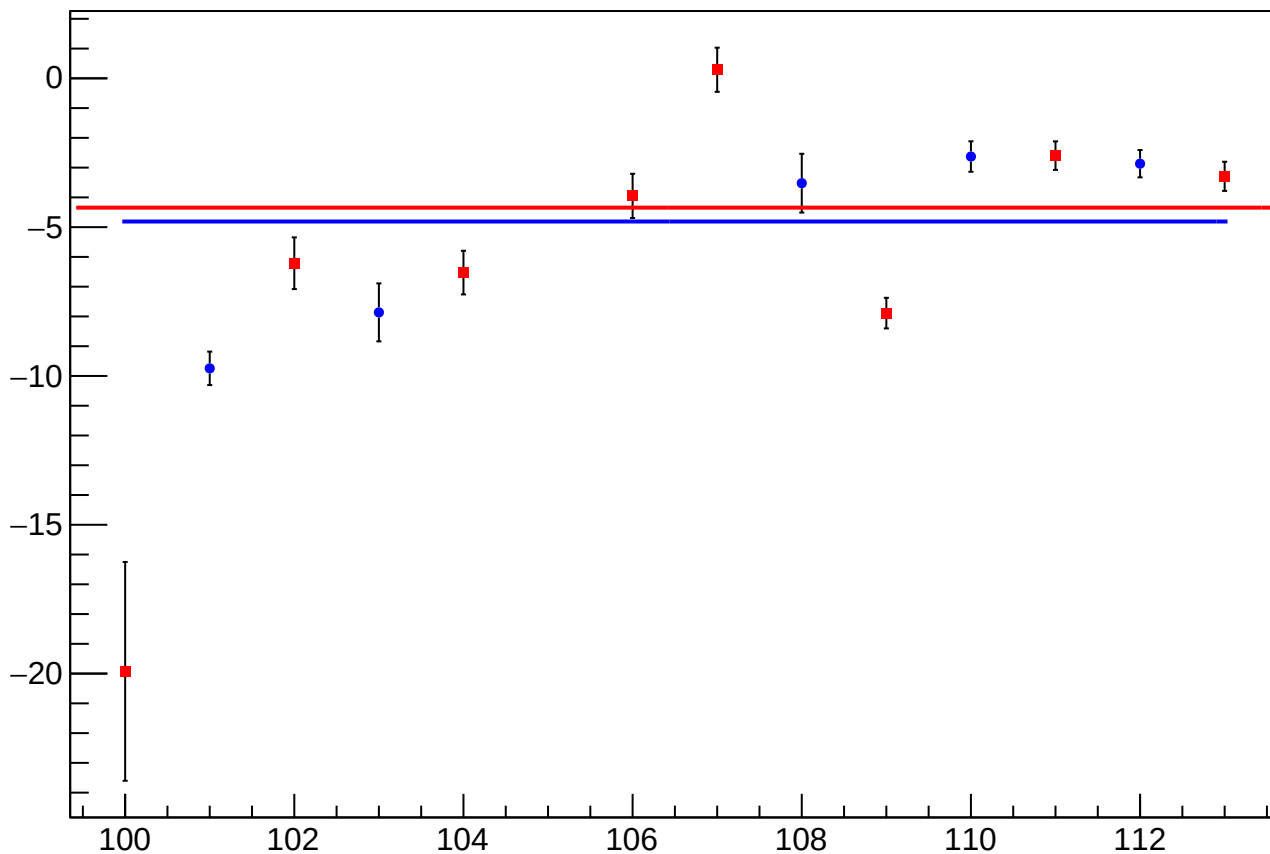
Right: -2.724+/-0.124 χ^2/NDF : 1304.6/12

In: -1.824+/-0.197 χ^2/NDF :218.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.724+/-0.124 χ^2/NDF : 1304.6/12

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: -4.344+/-0.228 χ^2/NDF : 136.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

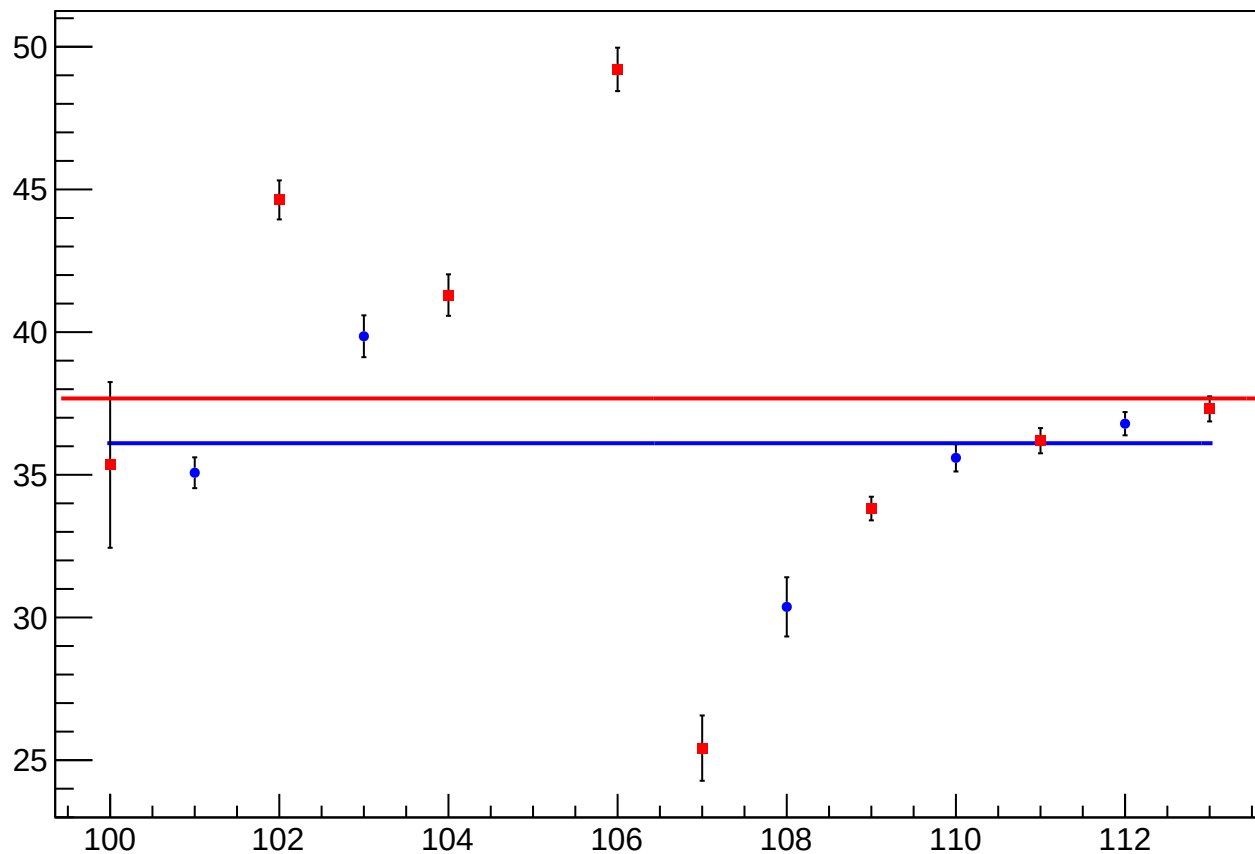
Right: -4.539+/-0.174 χ^2/NDF : 262.6/12

In: -4.810+/-0.269 χ^2/NDF : 124.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.539+/-0.174 χ^2/NDF : 262.6/12

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: 37.676 $\pm$ 0.210 χ^2 /NDF: 572.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

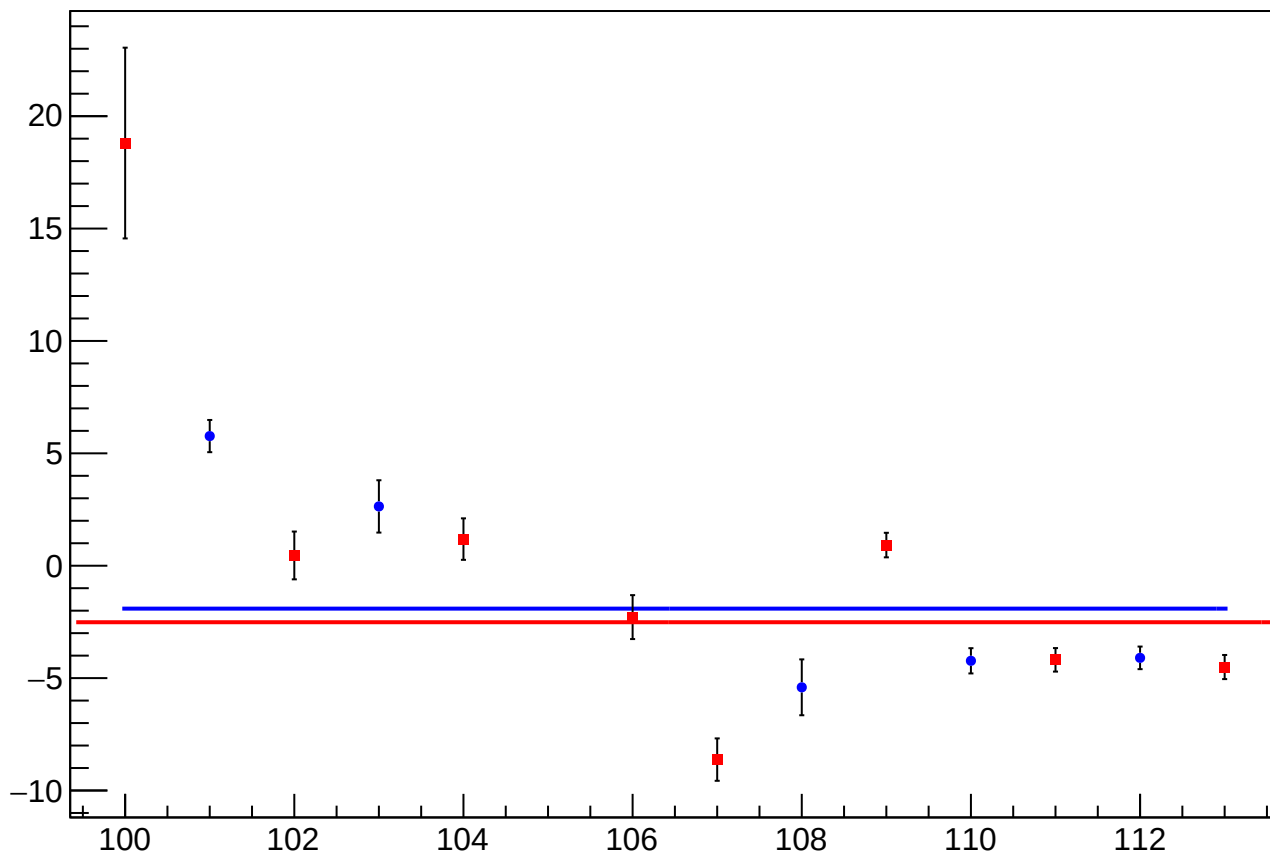
Right: 37.014 $\pm$ 0.159 χ^2 /NDF: 660.0/12

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: 37.014 $\pm$ 0.159 χ^2 /NDF: 660.0/12

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: -2.514+/-0.260 χ^2 /NDF: 154.7/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

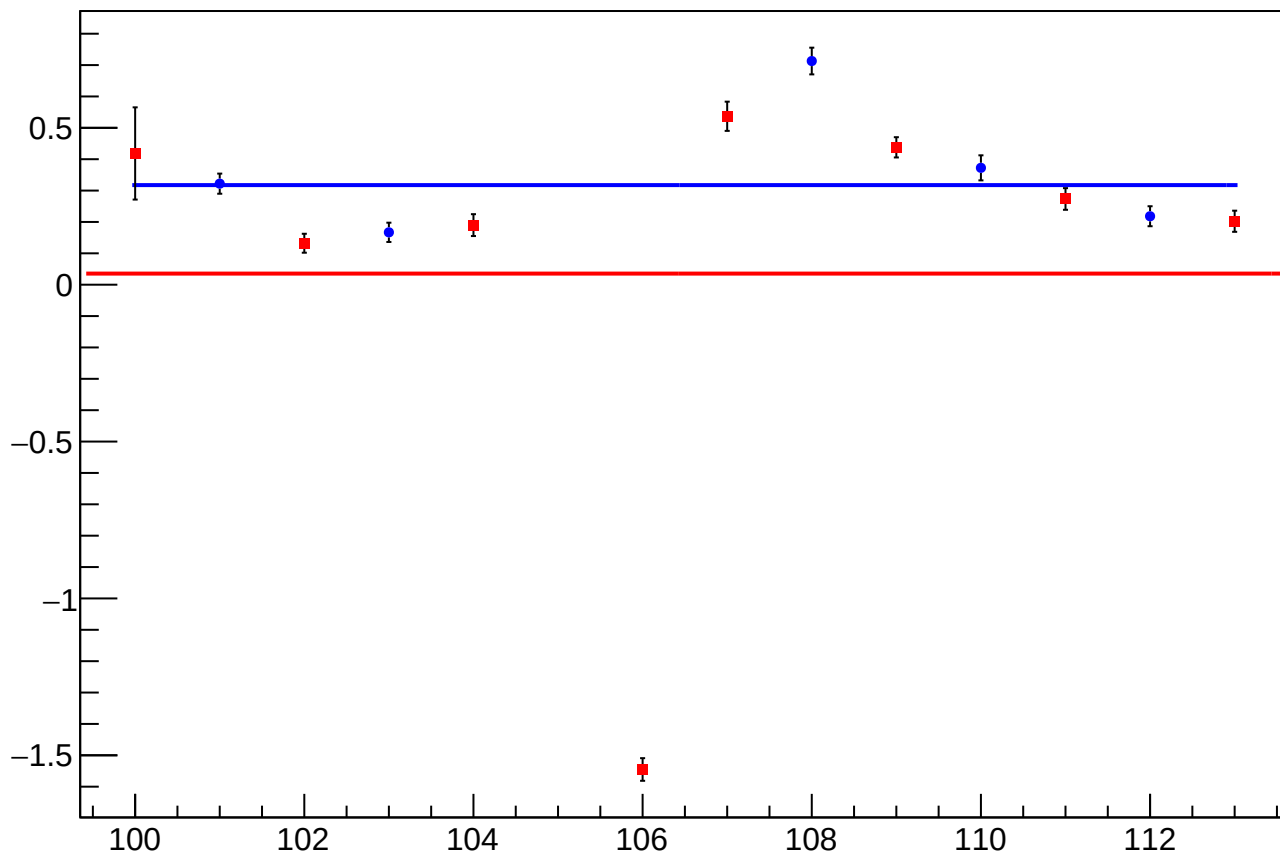
Right: -2.263+/-0.199 χ^2 /NDF: 331.0/12

In: -1.909+/-0.309 χ^2 /NDF:174.0/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2.263+/-0.199 χ^2 /NDF: 331.0/12

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.317+/-0.015 χ^2/NDF : 121.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.035+/-0.013 χ^2/NDF : 2300.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

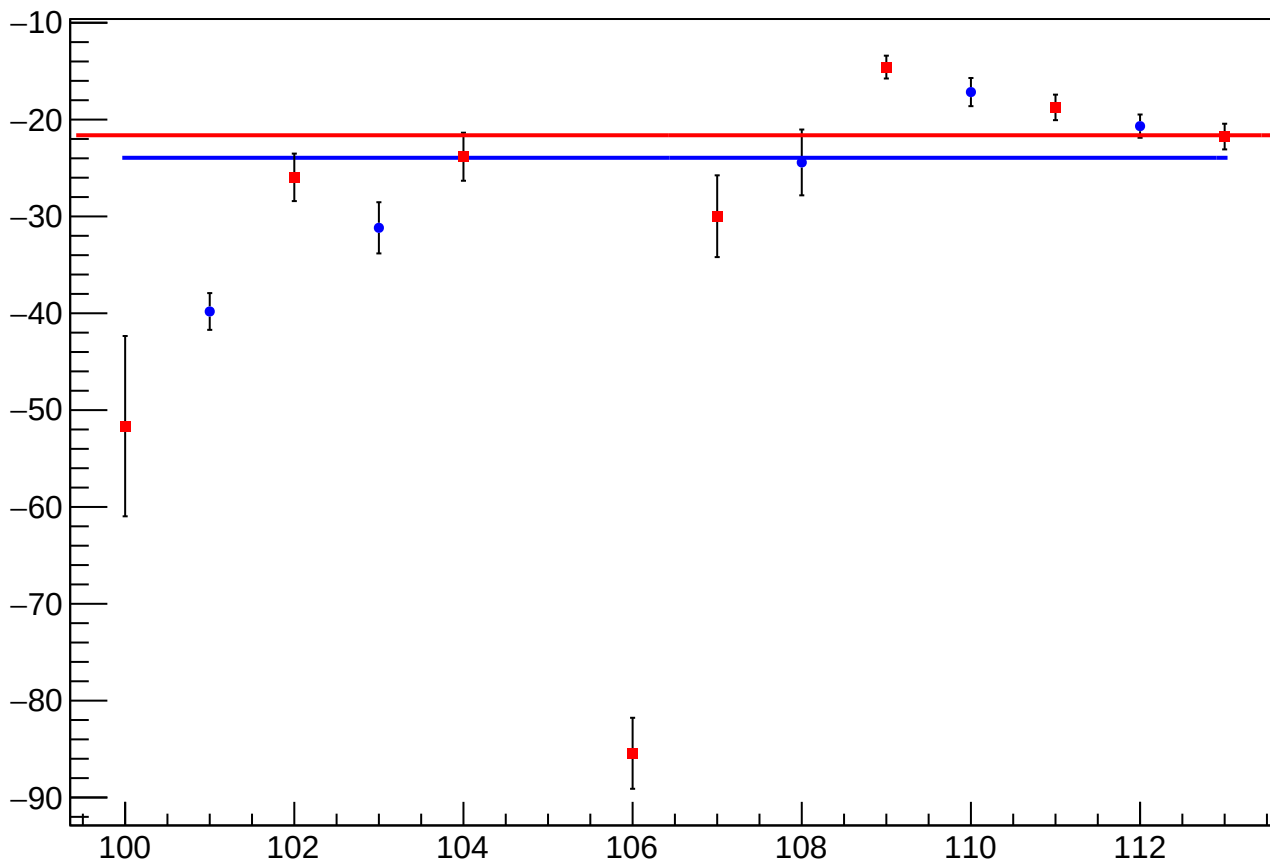
Right: 0.153+/-0.010 χ^2/NDF : 2617.1/12

In: 0.317+/-0.015 χ^2/NDF : 121.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.153+/-0.010 χ^2/NDF : 2617.1/12

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: -21.618 ± 0.654 χ^2/NDF : 361.7/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

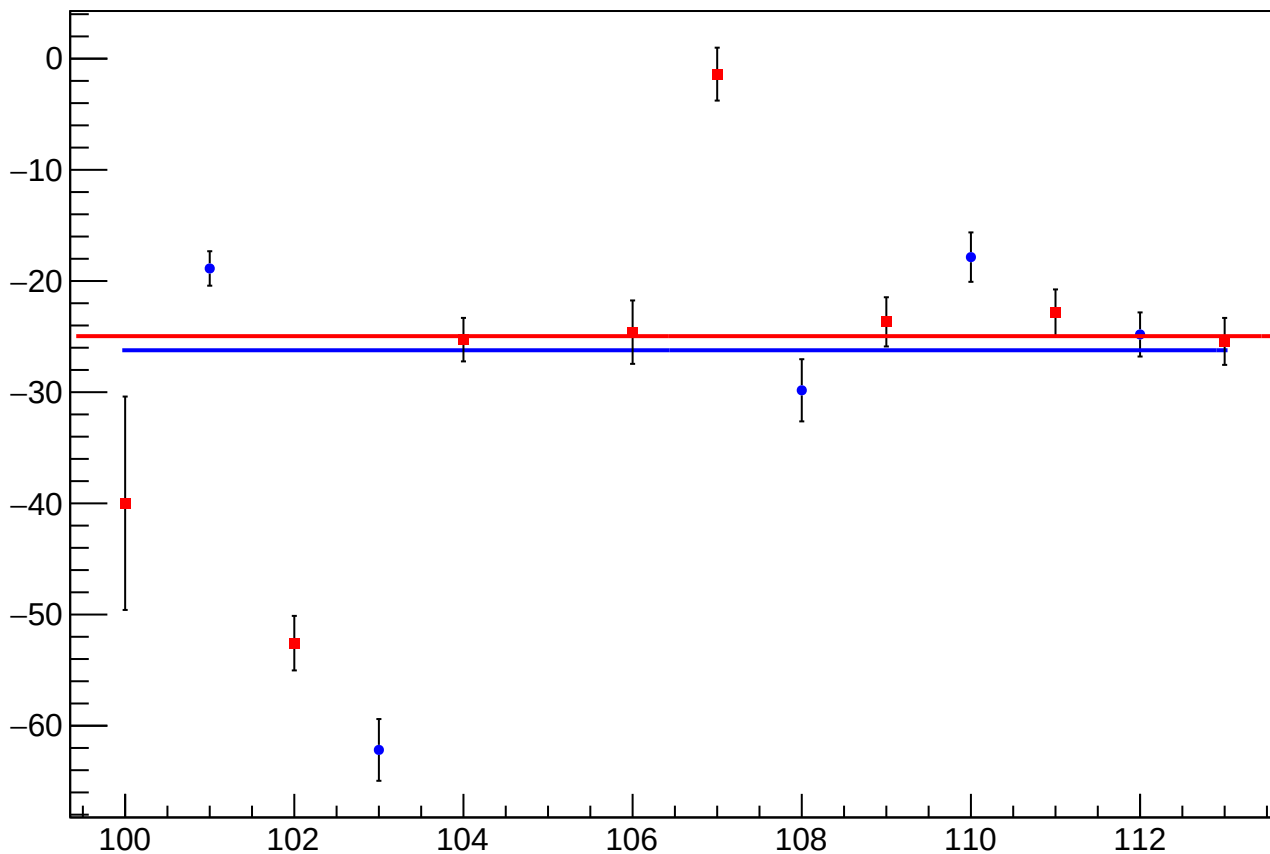
Right: -22.590 ± 0.499 χ^2/NDF : 473.6/12

In: -23.944 ± 0.773 χ^2/NDF : 106.6/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -22.590 ± 0.499 χ^2/NDF : 473.6/12

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: -24.959 $\pm$ 0.848 χ^2 /NDF: 228.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

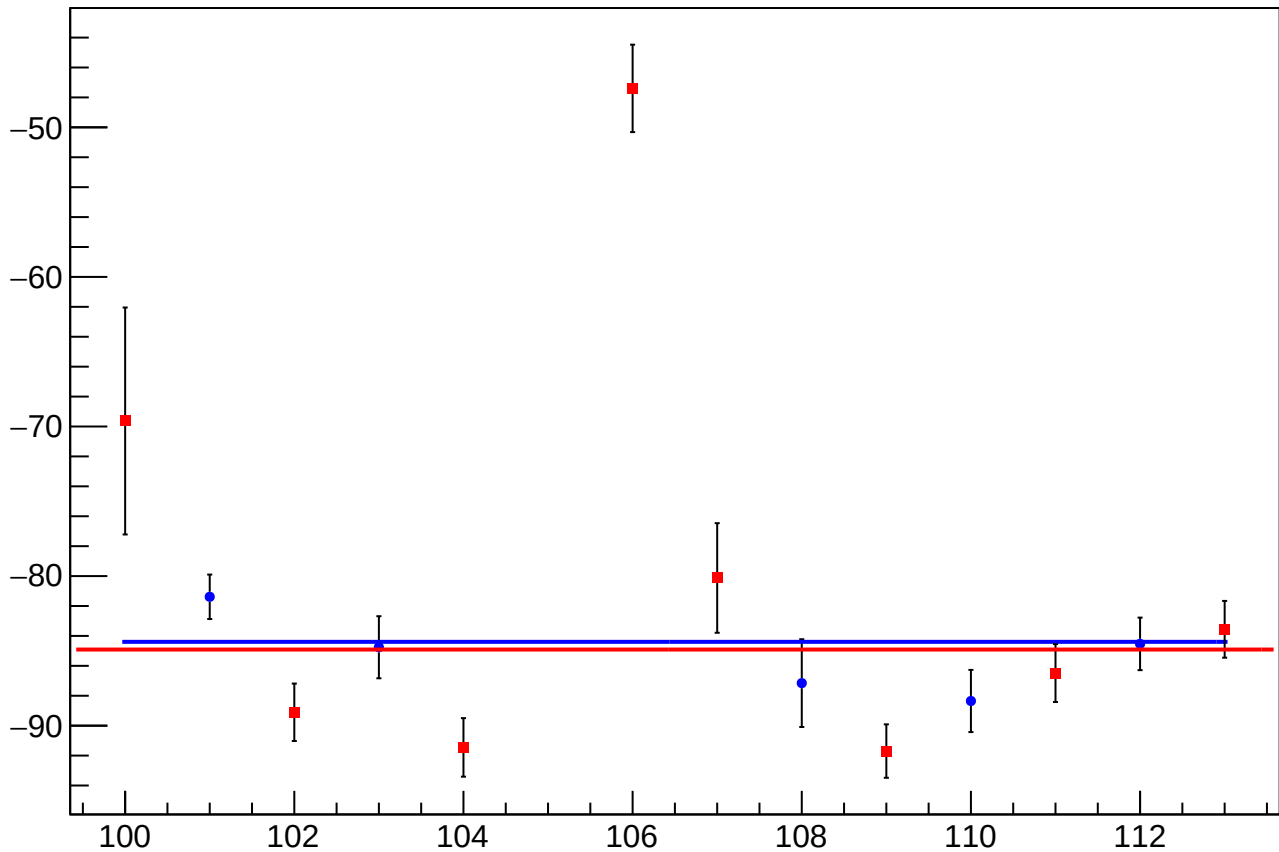
Right: -25.528 $\pm$ 0.630 χ^2 /NDF: 436.1/12

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: -25.528 $\pm$ 0.630 χ^2 /NDF: 436.1/12

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: -84.911 $\pm$ 0.791 χ^2 /NDF: 202.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

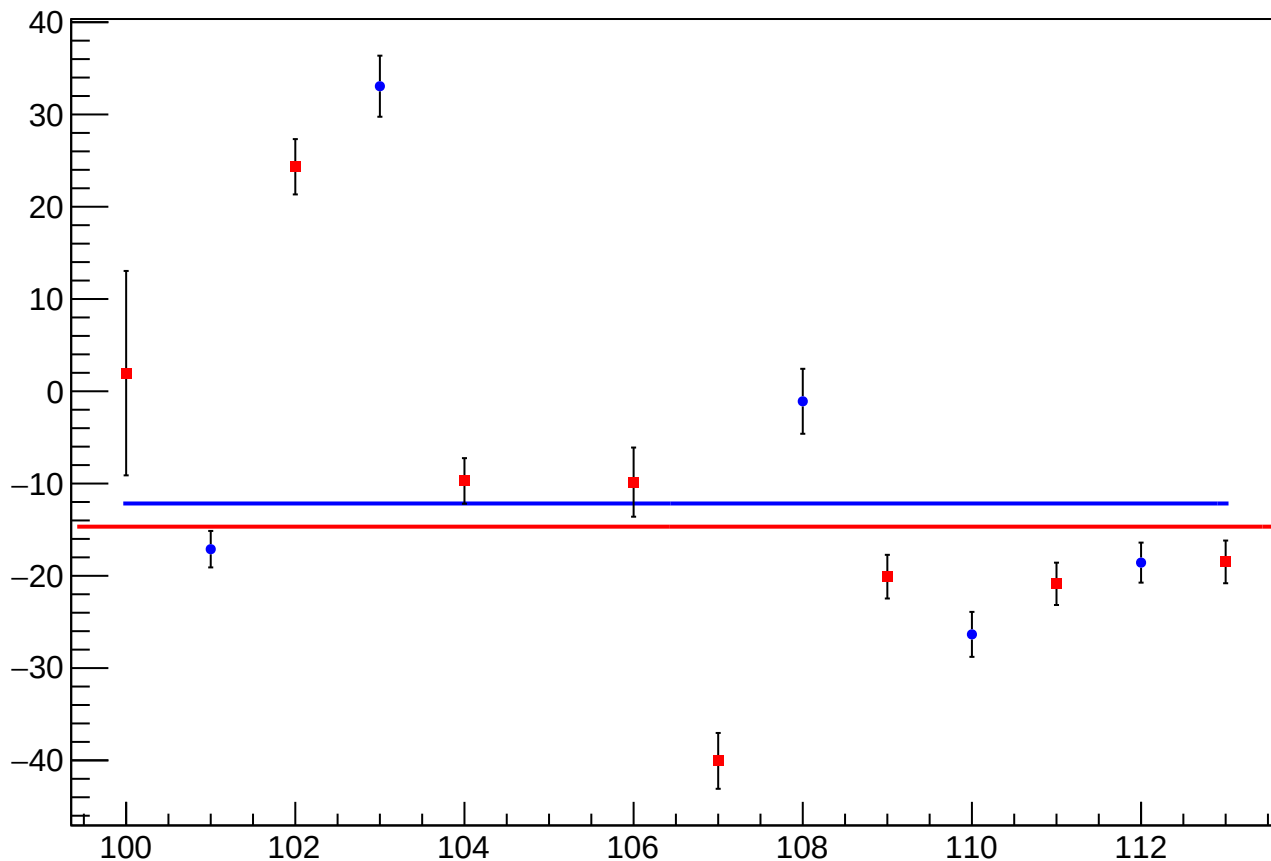
Right: -84.674 $\pm$ 0.582 χ^2 /NDF: 211.0/12

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: -84.674 $\pm$ 0.582 χ^2 /NDF: 211.0/12

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: -14.673 ± 0.991 χ^2/NDF : 262.9/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

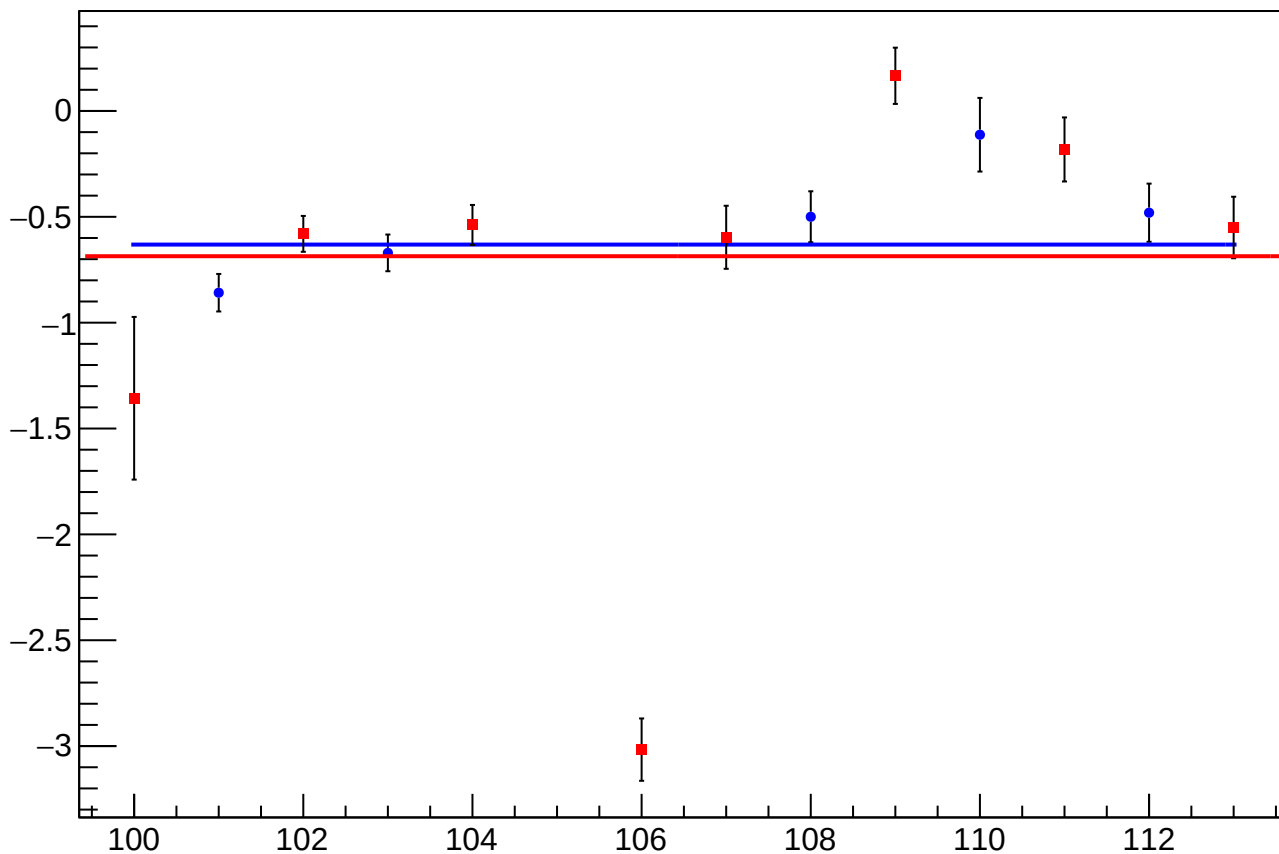
Right: -13.561 ± 0.740 χ^2/NDF : 511.2/12

In: -12.161 ± 1.112 χ^2/NDF : 245.5/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.561 ± 0.740 χ^2/NDF : 511.2/12

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: -0.686 $\pm$ 0.045 χ^2 /NDF: 311.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

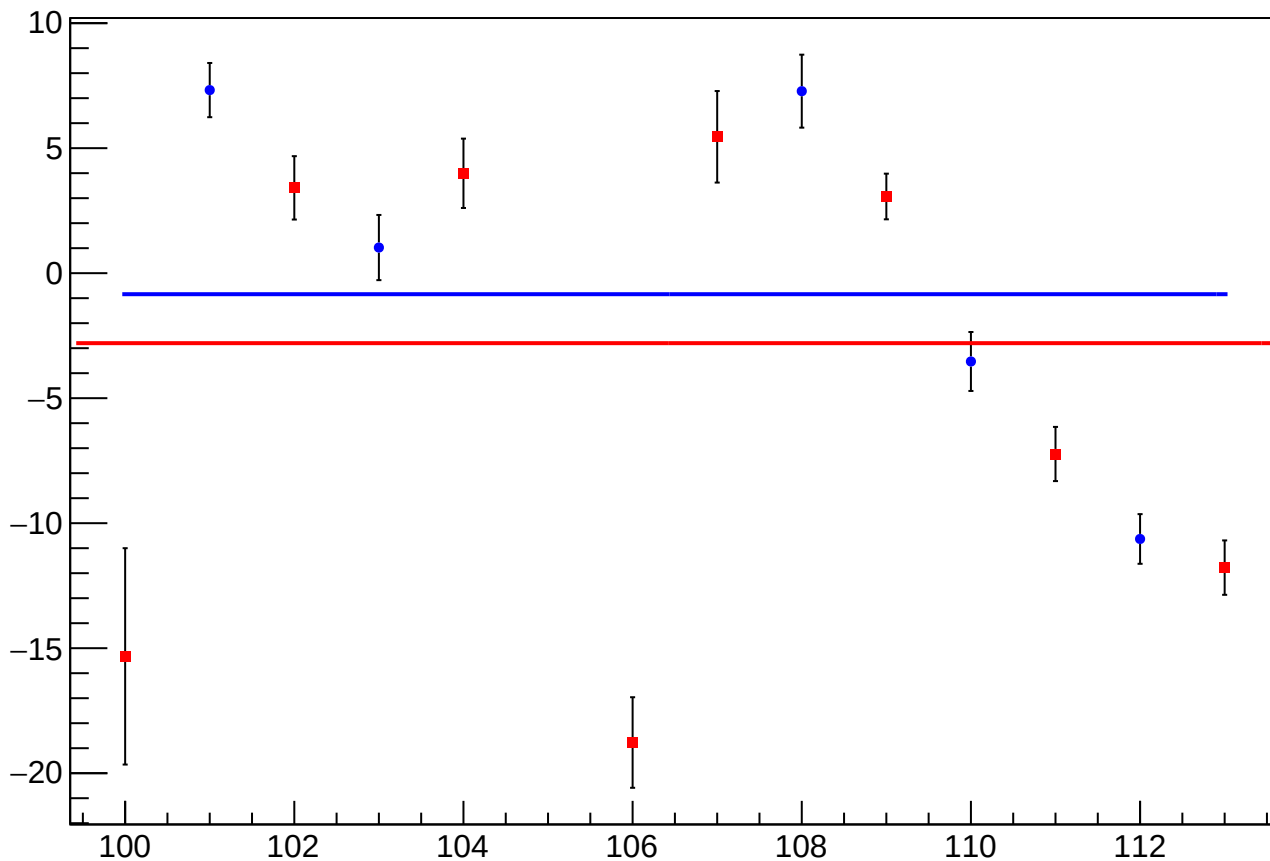
Right: -0.661 $\pm$ 0.033 χ^2 /NDF: 329.9/12

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: -0.661 $\pm$ 0.033 χ^2 /NDF: 329.9/12

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: -2.799 ± 0.462 χ^2/NDF : 280.6/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

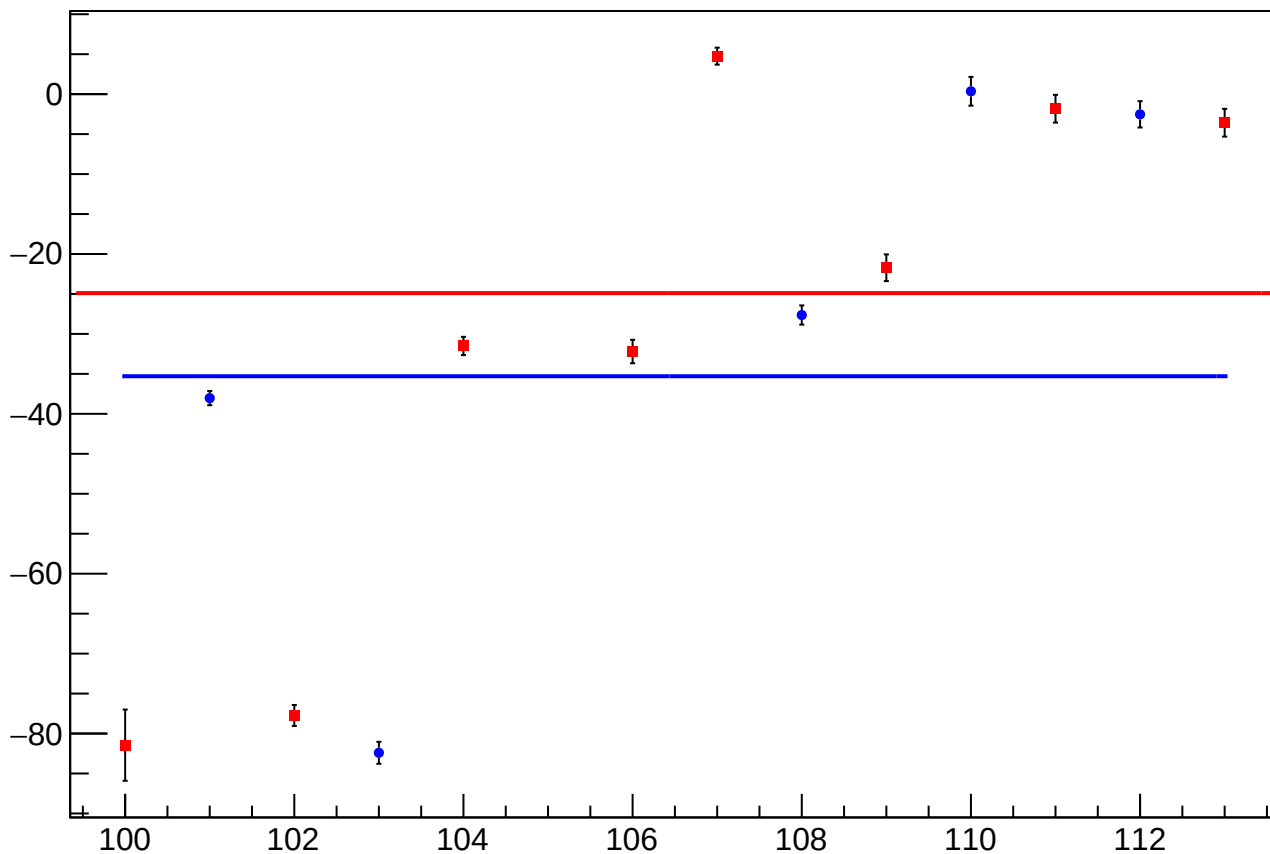
Right: -1.944 ± 0.346 χ^2/NDF : 480.5/12

In: -0.841 ± 0.524 χ^2/NDF : 192.1/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.944 ± 0.346 χ^2/NDF : 480.5/12

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: -24.893+/-0.515 χ^2/NDF : 2959.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

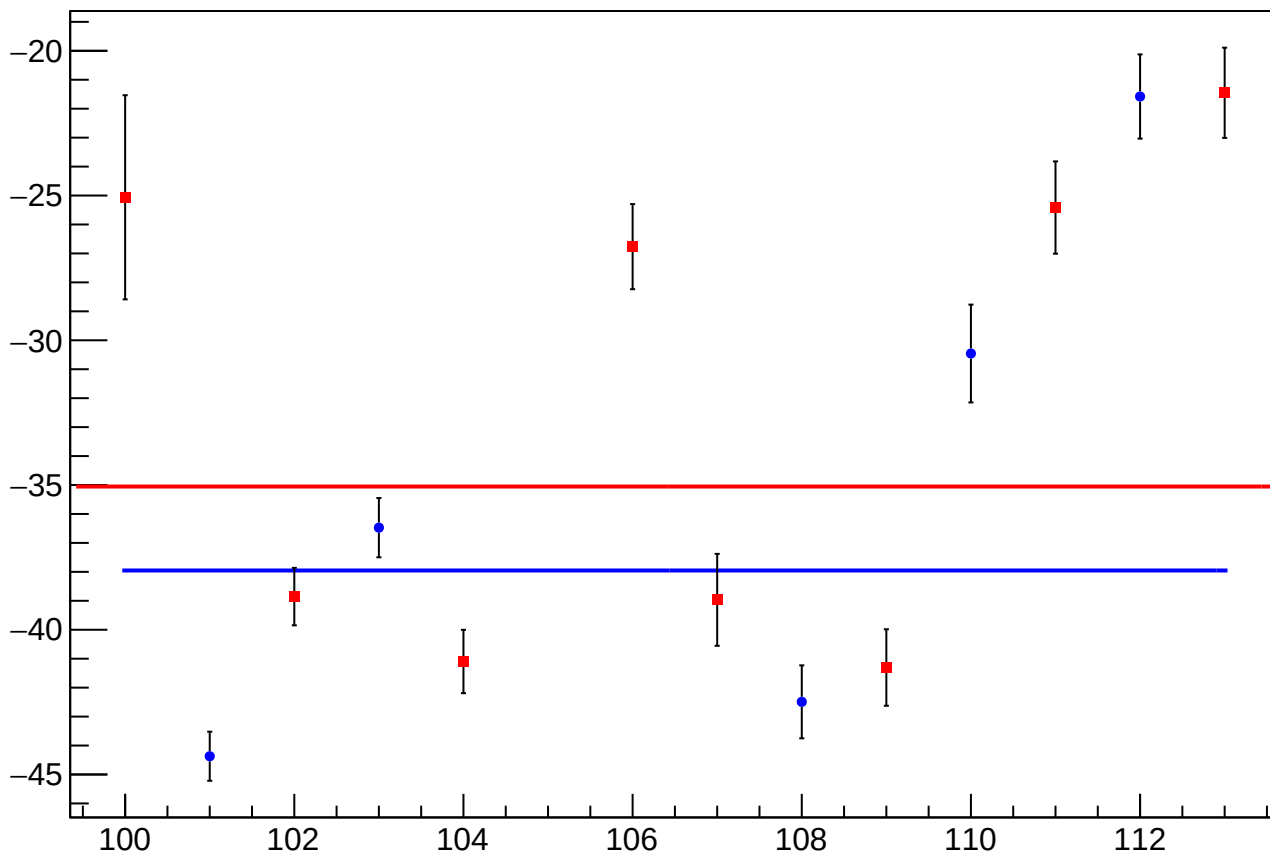
Right: -29.634+/-0.380 χ^2/NDF : 5155.2/12

In: -35.294+/-0.563 χ^2/NDF : 2009.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.634+/-0.380 χ^2/NDF : 5155.2/12

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: -35.052 ± 0.490 χ^2/NDF : 226.1/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

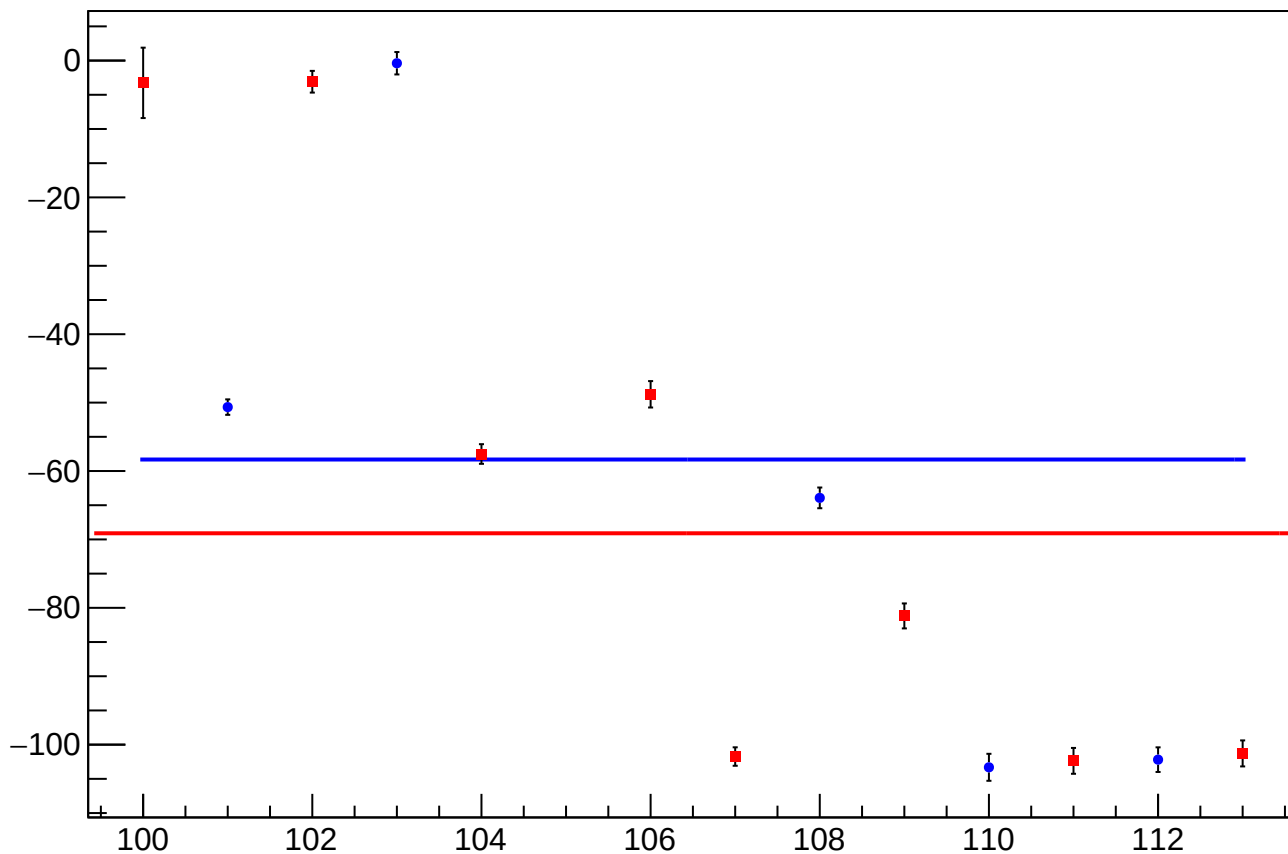
Right: -36.435 ± 0.354 χ^2/NDF : 461.3/12

In: -37.953 ± 0.513 χ^2/NDF : 218.5/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -36.435 ± 0.354 χ^2/NDF : 461.3/12

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: -69.102 $\pm$ 0.621 χ^2 /NDF: 3296.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

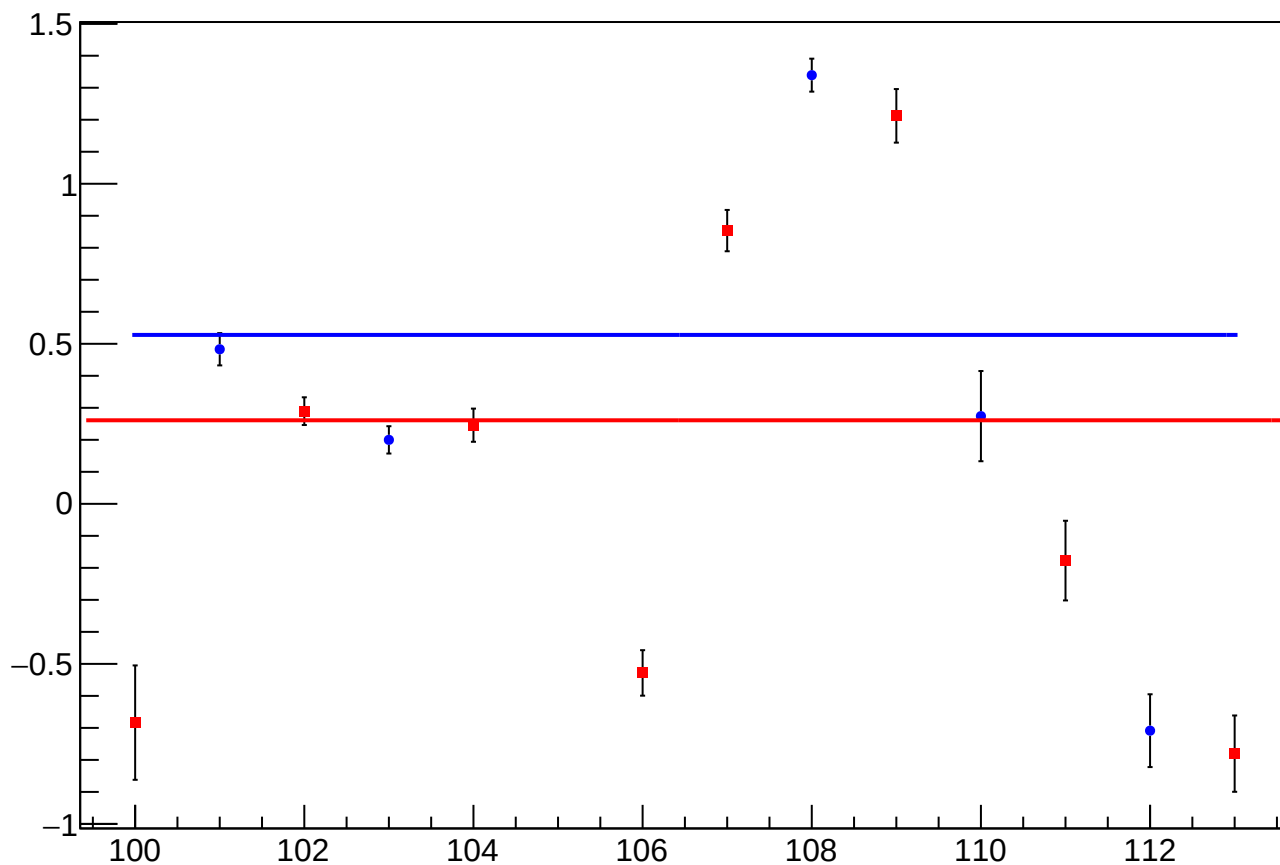
Right: -64.209 $\pm$ 0.459 χ^2 /NDF: 5857.5/12

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: -64.209 $\pm$ 0.459 χ^2 /NDF: 5857.5/12

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.528 $\pm$ 0.026 χ^2 /NDF: 429.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.261 $\pm$ 0.025 χ^2 /NDF: 454.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

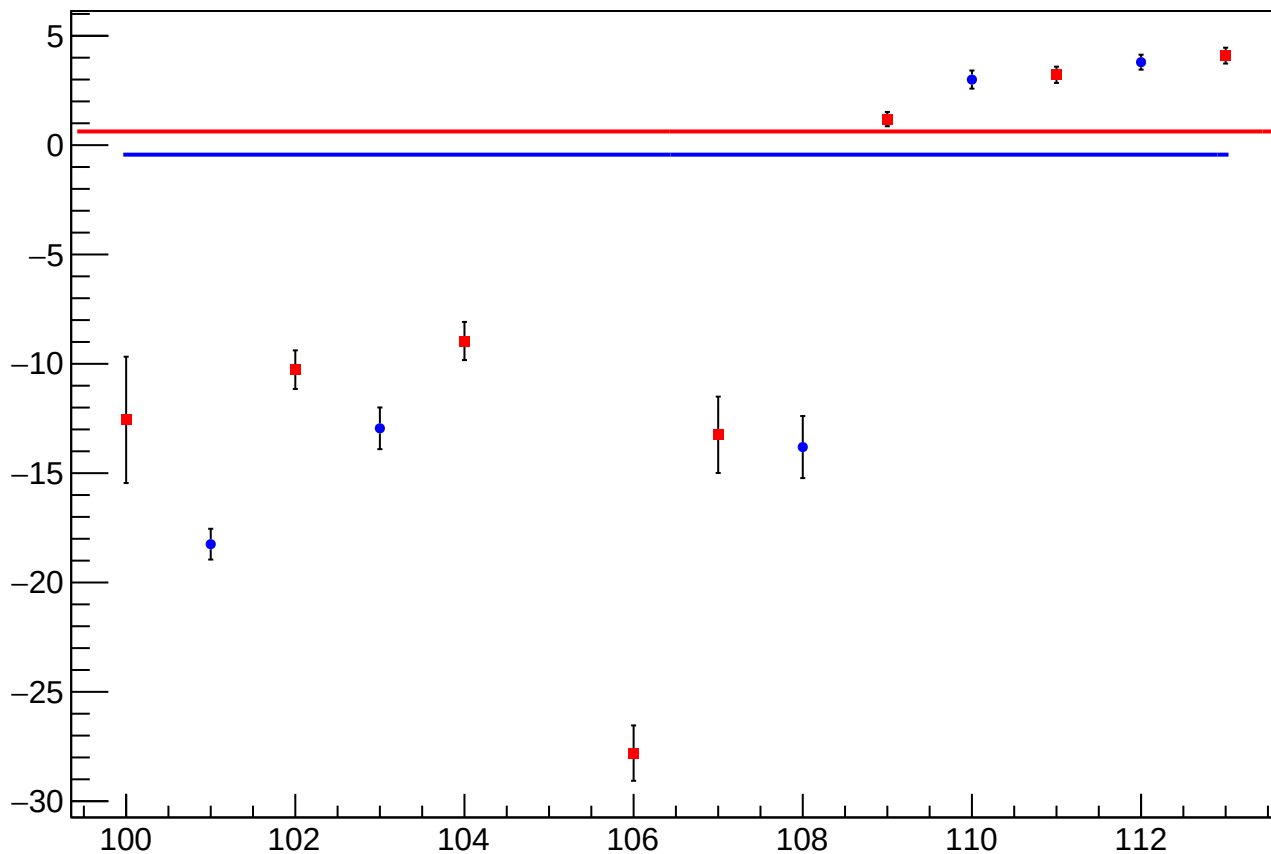
Right: 0.386 $\pm$ 0.018 χ^2 /NDF: 938.4/12

In: 0.528 $\pm$ 0.026 χ^2 /NDF:429.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.386 $\pm$ 0.018 χ^2 /NDF: 938.4/12

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: 0.627 ± 0.189 χ^2/NDF : 1003.9/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

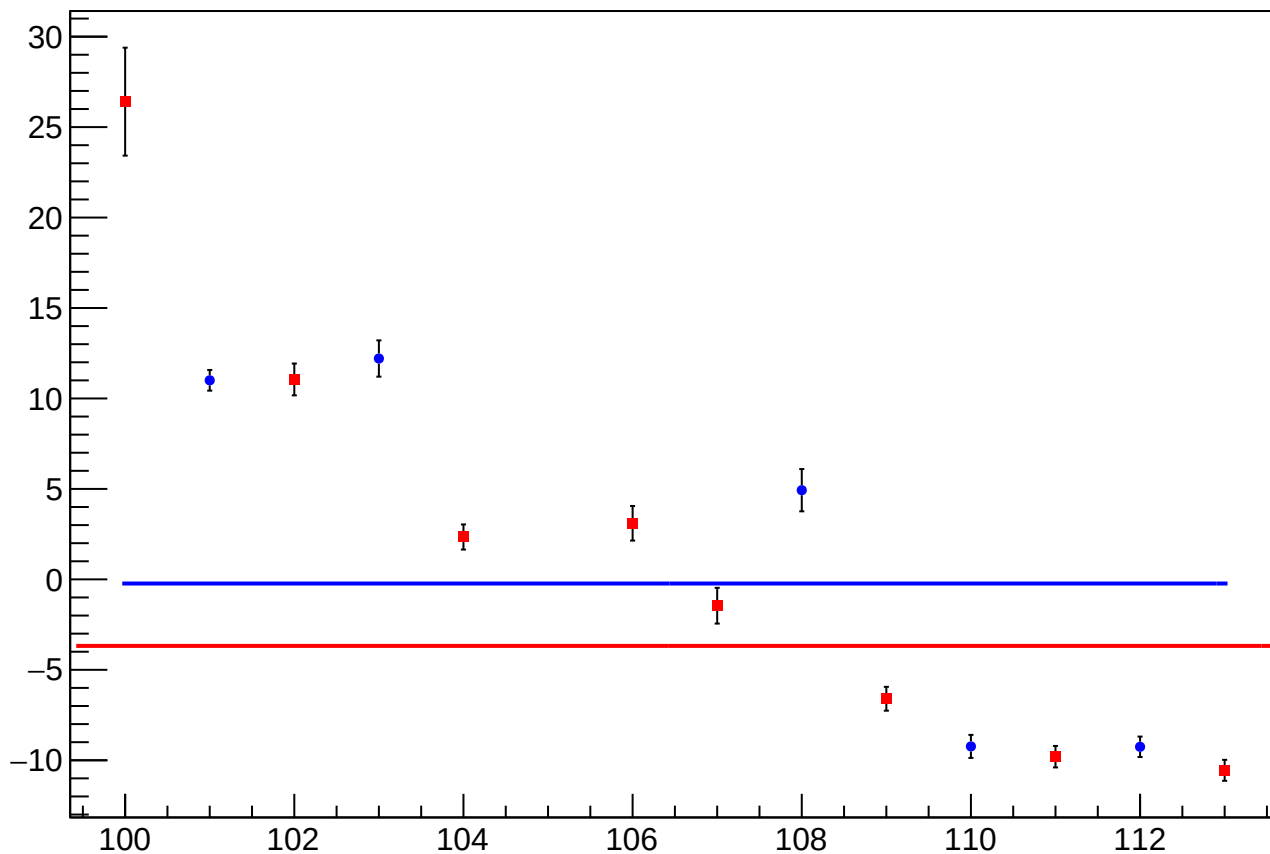
Right: 0.210 ± 0.148 χ^2/NDF : 2140.6/12

In: -0.435 ± 0.235 χ^2/NDF : 1124.3/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.210 ± 0.148 χ^2/NDF : 2140.6/12

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: -3.678 ± 0.270 χ^2/NDF : 779.1/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

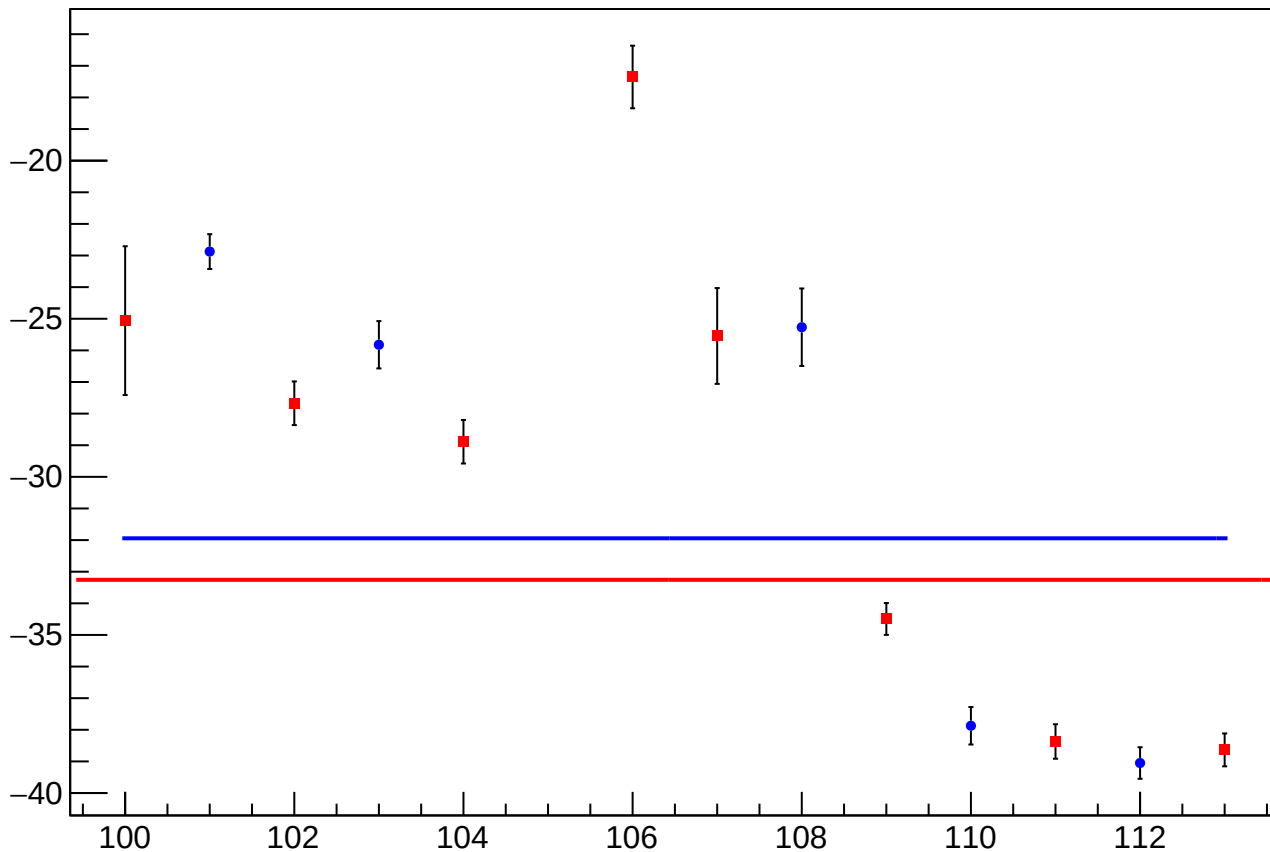
Right: -2.192 ± 0.204 χ^2/NDF : 1863.9/12

In: -0.229 ± 0.310 χ^2/NDF : 1014.5/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.192 ± 0.204 χ^2/NDF : 1863.9/12

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: -33.256 $\pm$ 0.244 χ^2 /NDF: 602.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

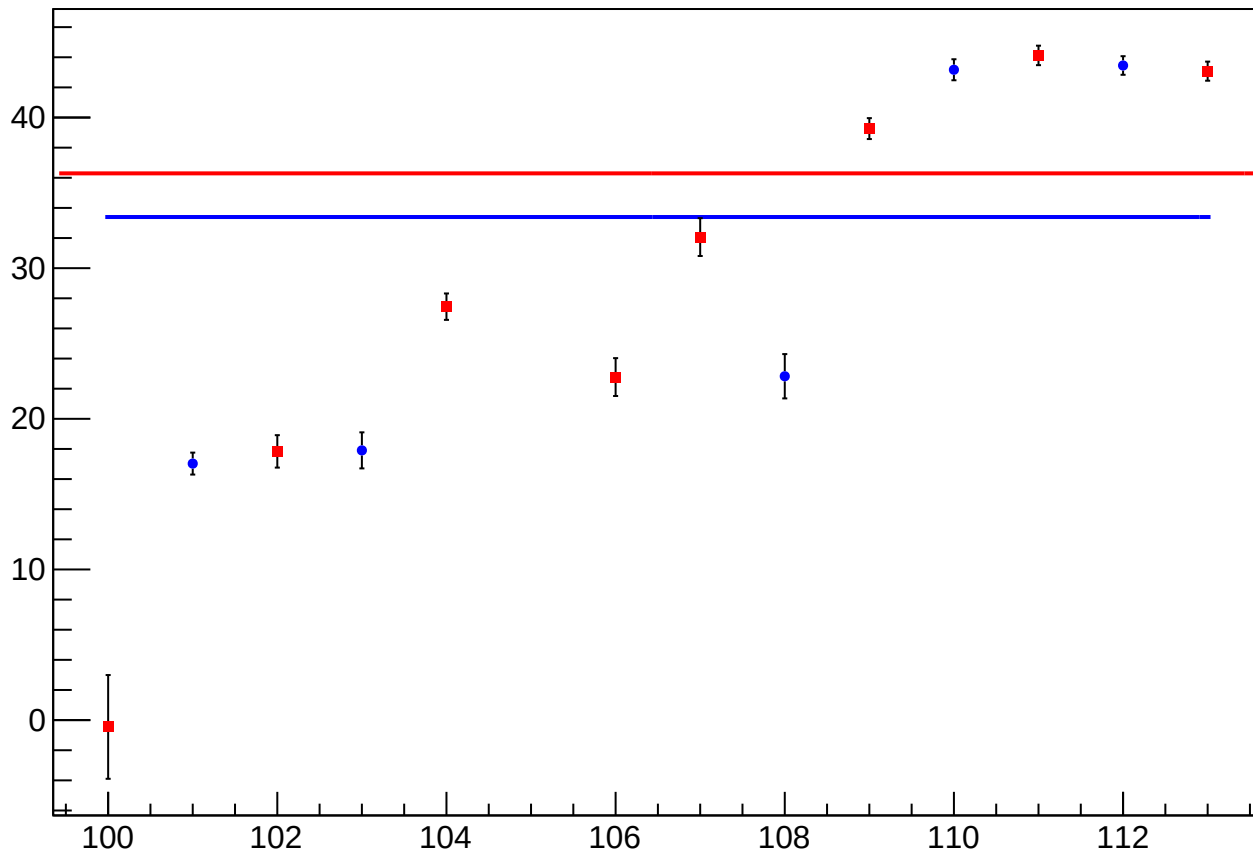
Right: -32.694 $\pm$ 0.184 χ^2 /NDF: 1285.4/12

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: -32.694 $\pm$ 0.184 χ^2 /NDF: 1285.4/12

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: 36.294+/-0.309 χ^2/NDF : 916.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

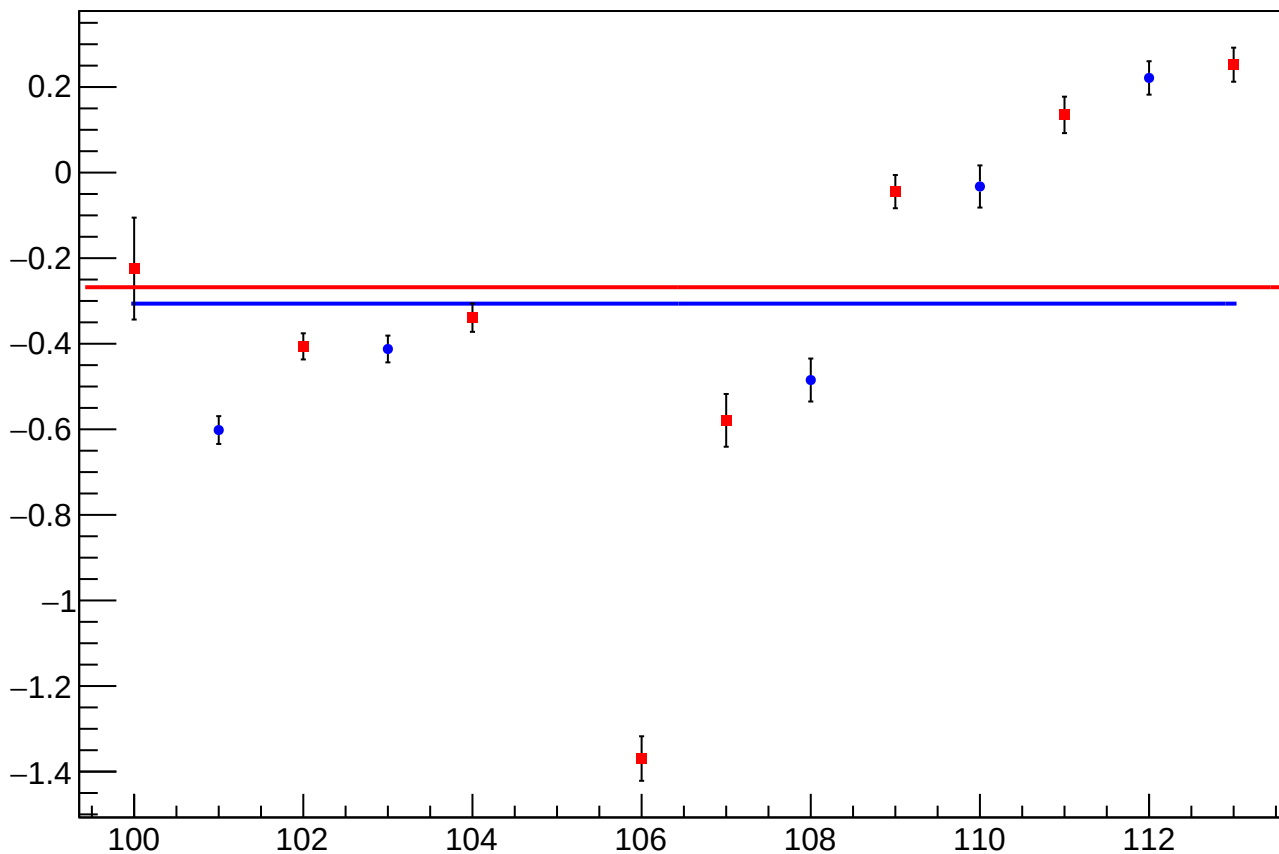
Right: 35.063+/-0.234 χ^2/NDF : 2139.4/12

In: 33.396+/-0.360 χ^2/NDF : 1186.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.063+/-0.234 χ^2/NDF : 2139.4/12

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.306 ± 0.017 χ^2/NDF : 320.0/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.268 ± 0.015 χ^2/NDF : 792.2/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

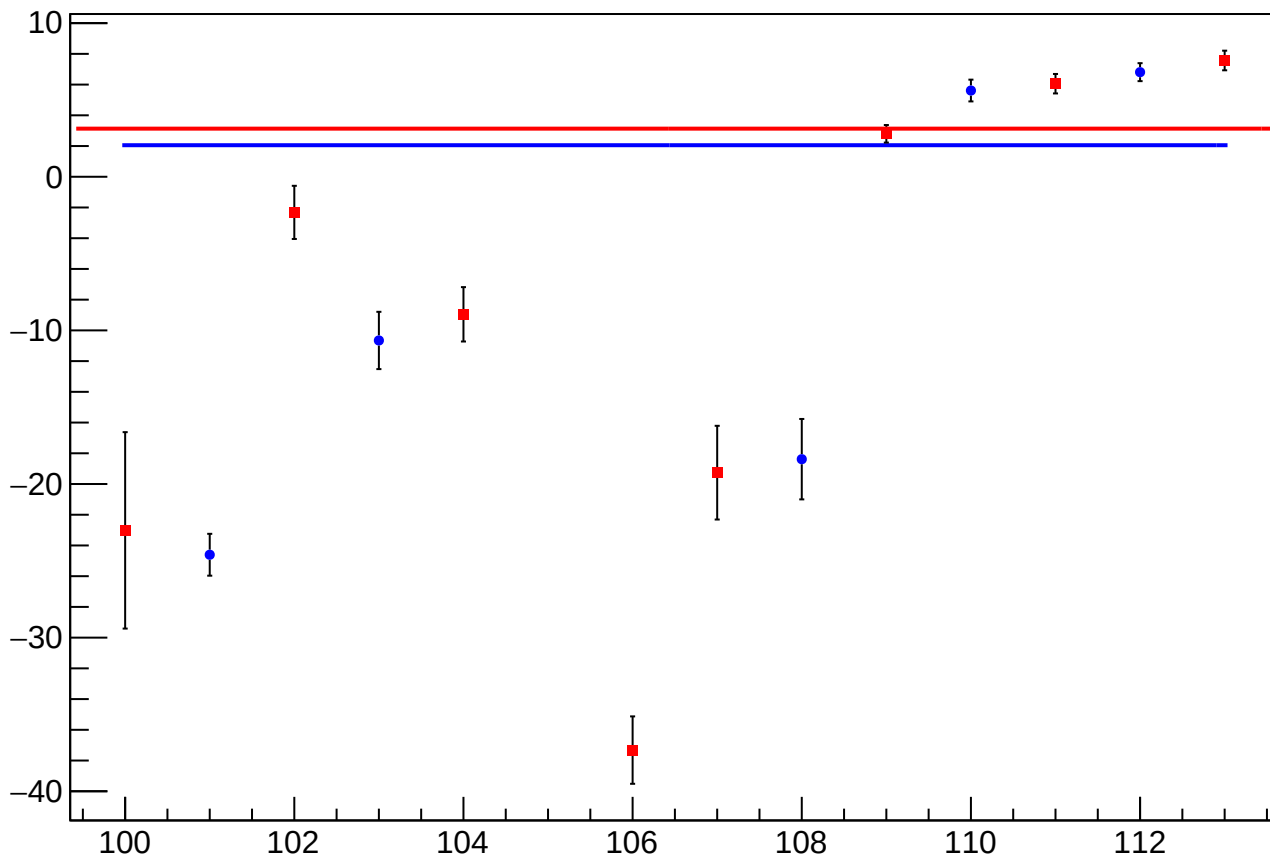
Right: -0.284 ± 0.011 χ^2/NDF : 1115.1/12

In: -0.306 ± 0.017 χ^2/NDF : 320.0/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.284 ± 0.011 χ^2/NDF : 1115.1/12

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: 3.132+/-0.333 χ^2/NDF : 537.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

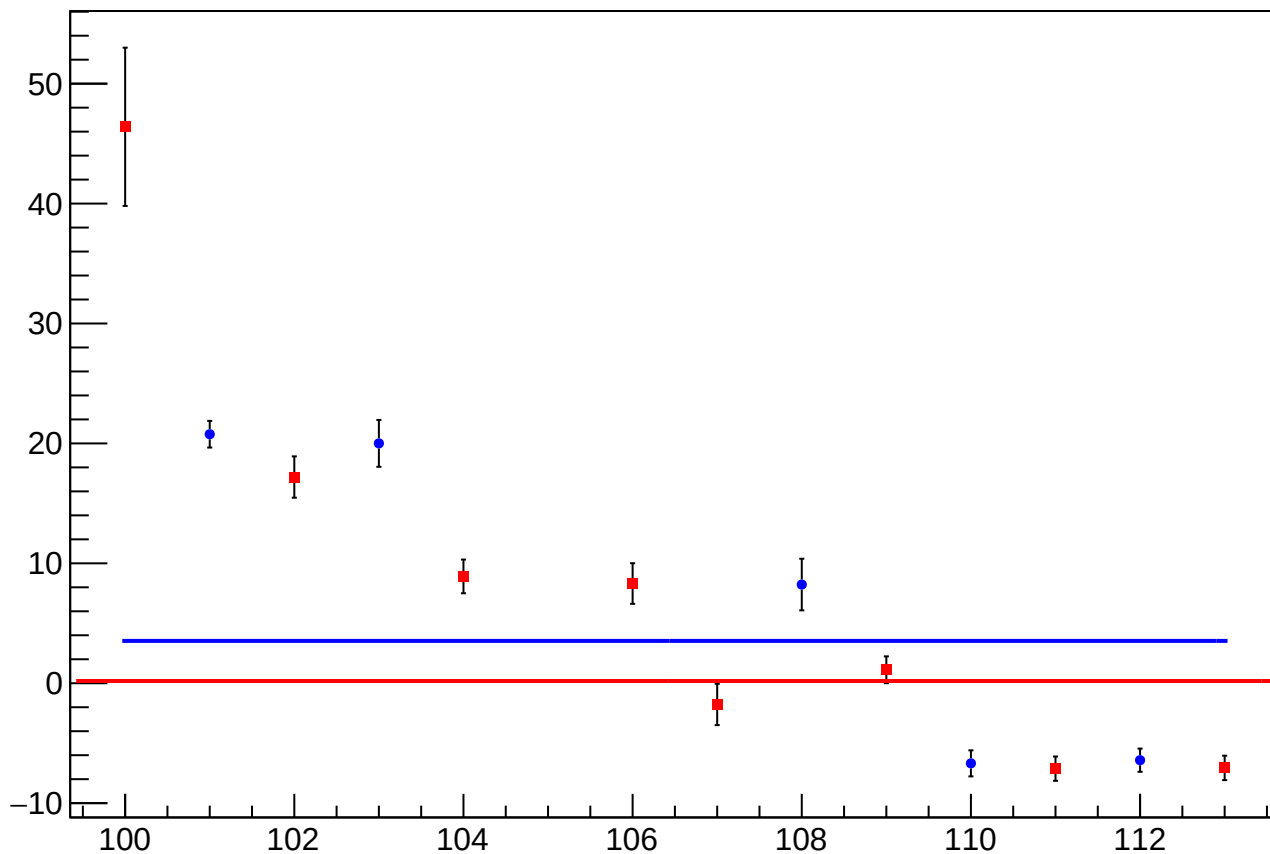
Right: 2.706+/-0.259 χ^2/NDF : 1122.9/12

In: 2.054+/-0.412 χ^2/NDF : 581.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.706+/-0.259 χ^2/NDF : 1122.9/12

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: 0.186+/-0.483 χ^2/NDF : 312.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

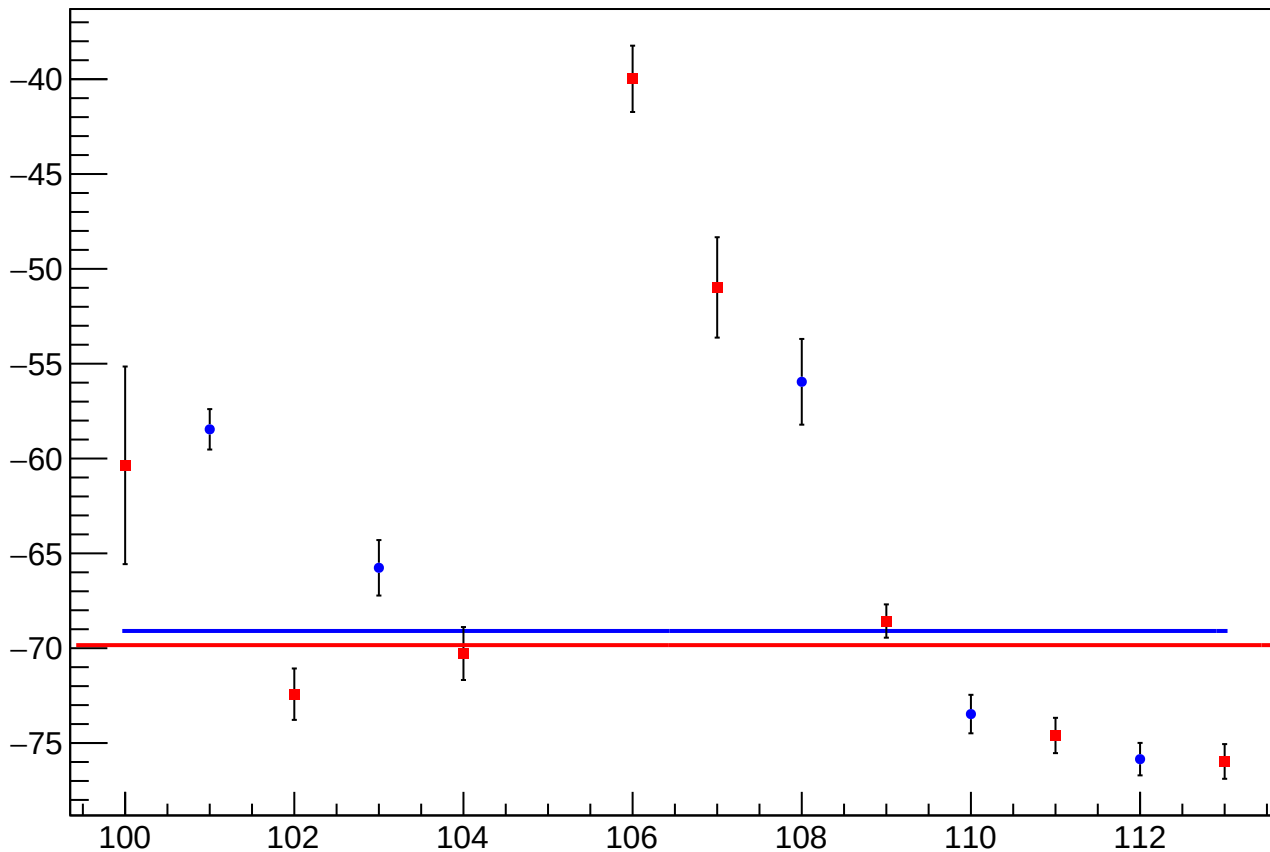
Right: 1.615+/-0.365 χ^2/NDF : 844.0/12

In: 3.531+/-0.559 χ^2/NDF : 510.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.615+/-0.365 χ^2/NDF : 844.0/12

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -69.092 $\pm$ 0.508 χ^2 /NDF: 219.4/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -69.839 $\pm$ 0.438 χ^2 /NDF: 422.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

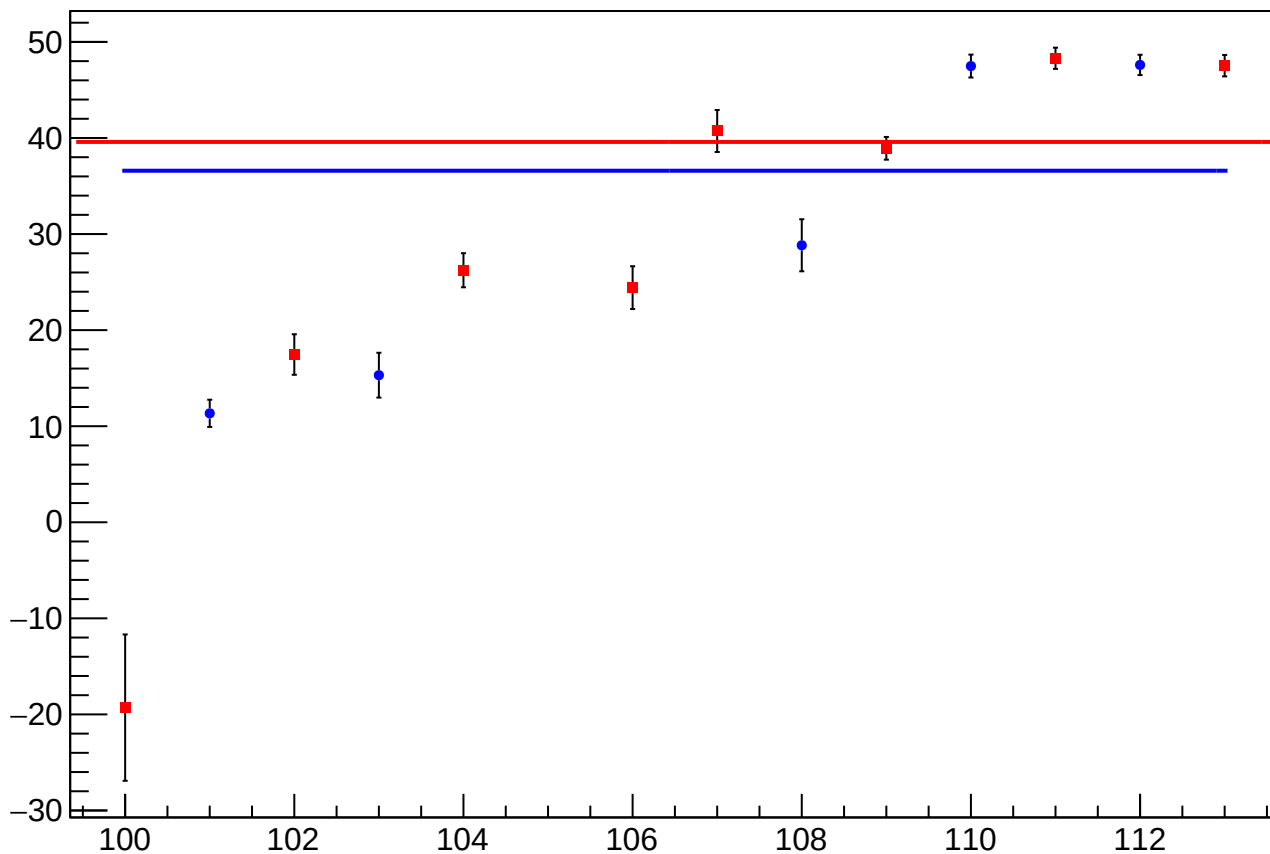
Right: -69.520 $\pm$ 0.332 χ^2 /NDF: 643.3/12

In: -69.092 $\pm$ 0.508 χ^2 /NDF:219.4/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -69.520 $\pm$ 0.332 χ^2 /NDF: 643.3/12

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 36.593+/-0.643 χ^2/NDF : 601.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.591+/-0.549 χ^2/NDF : 386.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

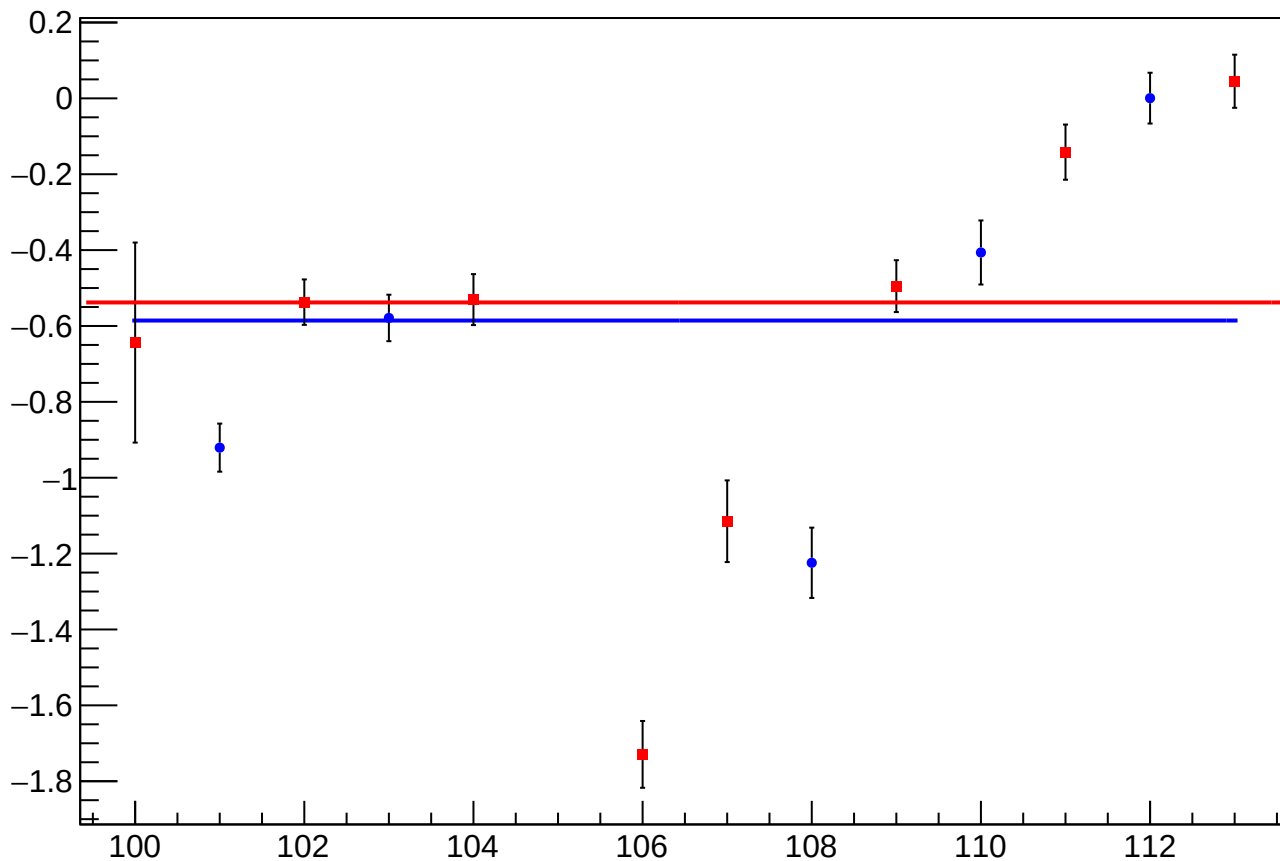
Right: 38.326+/-0.418 χ^2/NDF : 1000.4/12

In: 36.593+/-0.643 χ^2/NDF : 601.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.326+/-0.418 χ^2/NDF : 1000.4/12

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.586 ± 0.032 χ^2/NDF : 156.6/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.538 ± 0.027 χ^2/NDF : 311.2/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

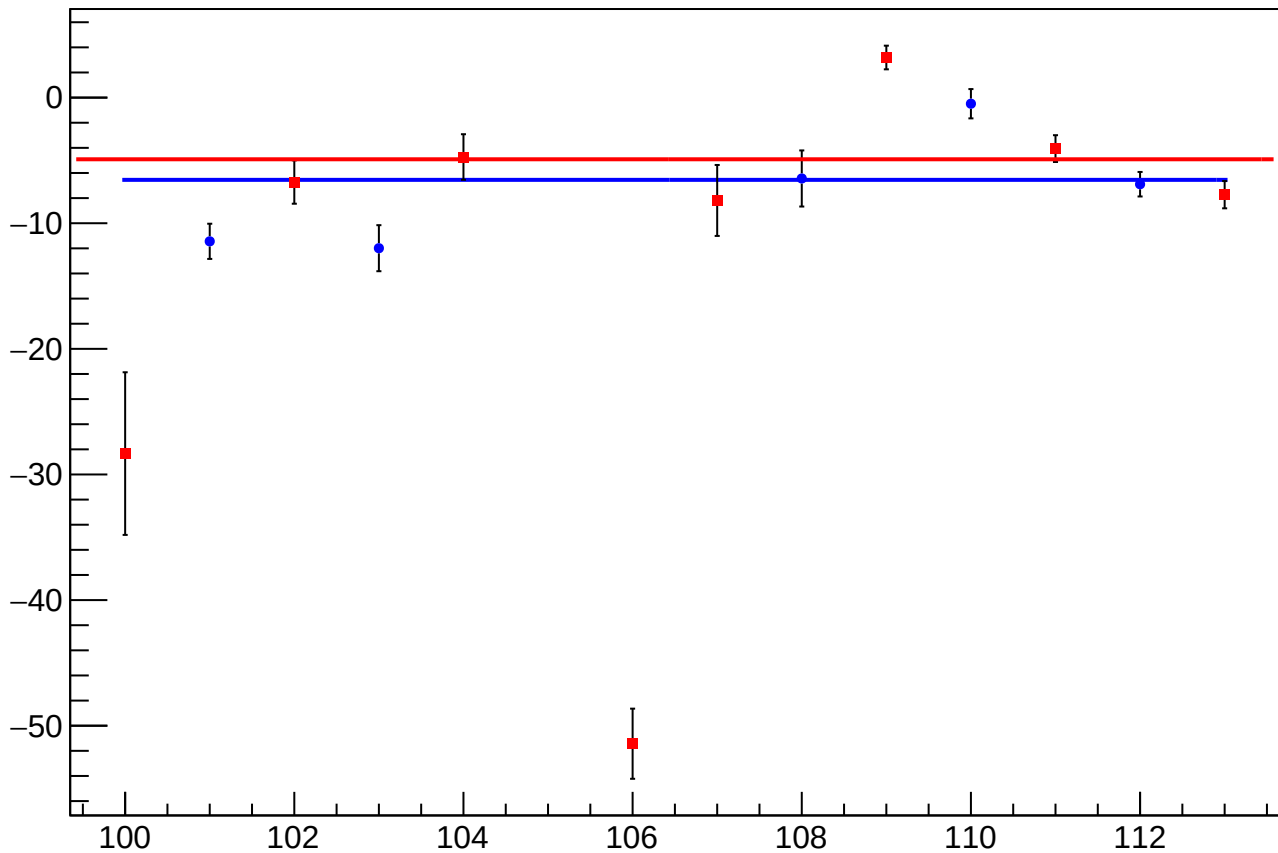
Right: -0.558 ± 0.021 χ^2/NDF : 469.2/12

In: -0.586 ± 0.032 χ^2/NDF : 156.6/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.558 ± 0.021 χ^2/NDF : 469.2/12

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.547+/-0.598 χ^2/NDF : 48.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.909+/-0.515 χ^2/NDF : 374.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

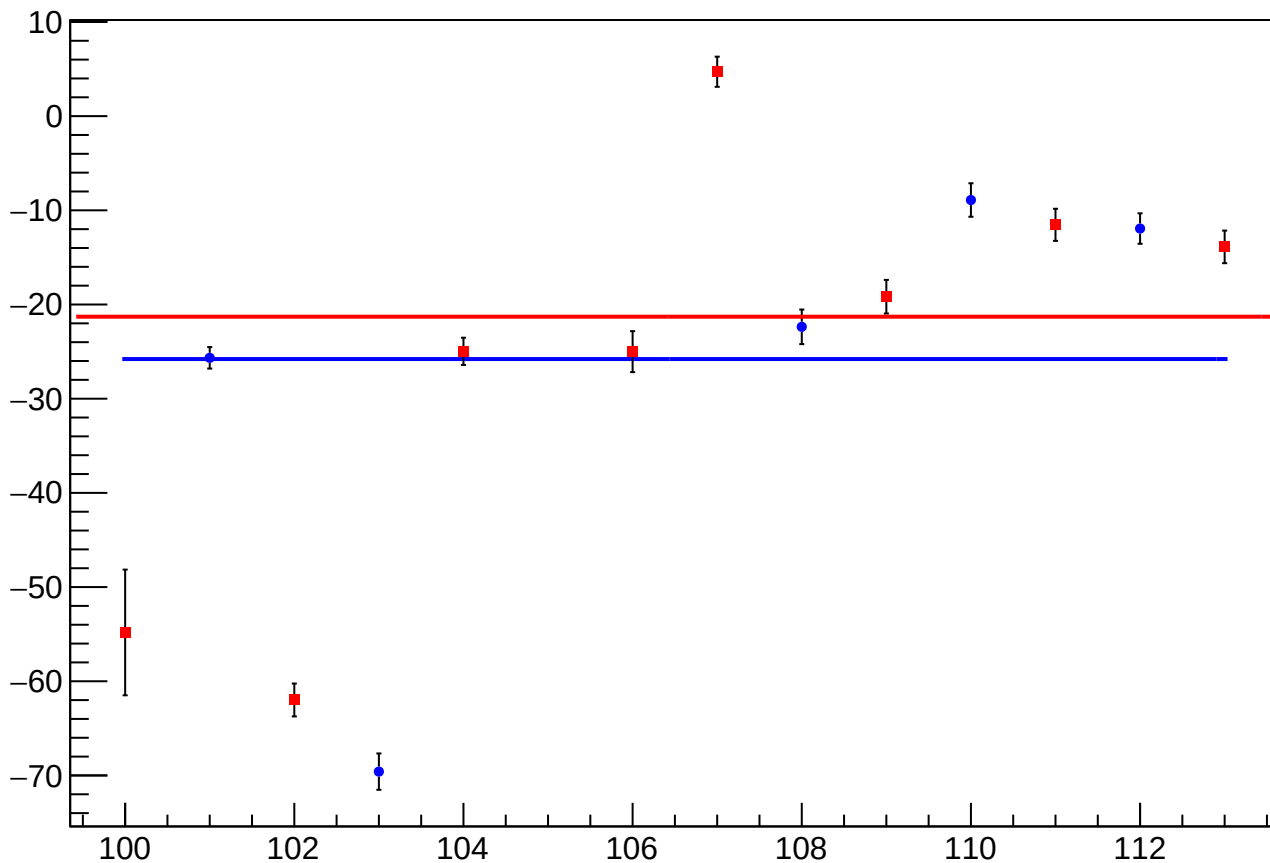
Right: -5.606+/-0.390 χ^2/NDF : 427.1/12

In: -6.547+/-0.598 χ^2/NDF : 48.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.606+/-0.390 χ^2/NDF : 427.1/12

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -25.791 ± 0.702 χ^2/NDF : 682.0/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -21.293 ± 0.642 χ^2/NDF : 894.6/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

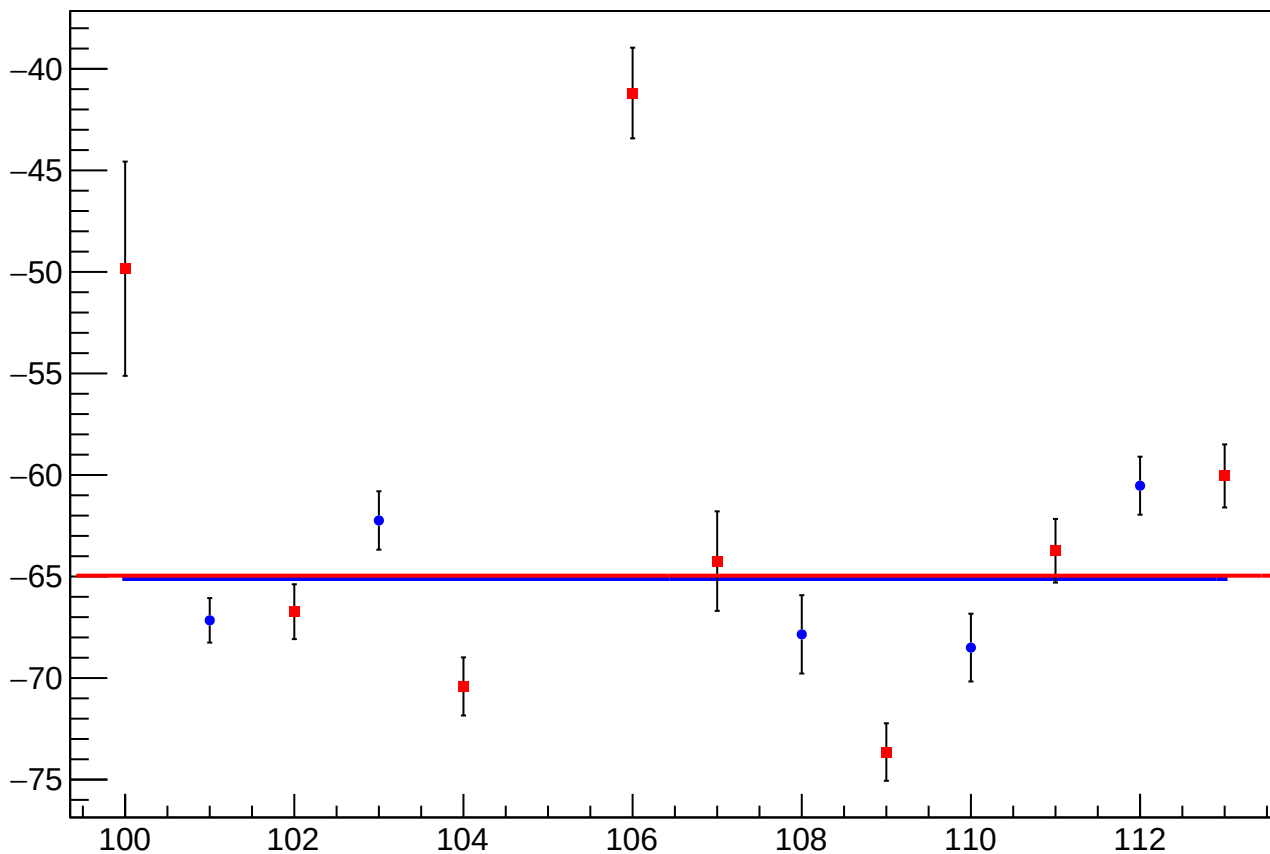
Right: -23.344 ± 0.474 χ^2/NDF : 1599.0/12

In: -25.791 ± 0.702 χ^2/NDF : 682.0/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -23.344 ± 0.474 χ^2/NDF : 1599.0/12

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: -64.959 $\pm$ 0.602 χ^2 /NDF: 186.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

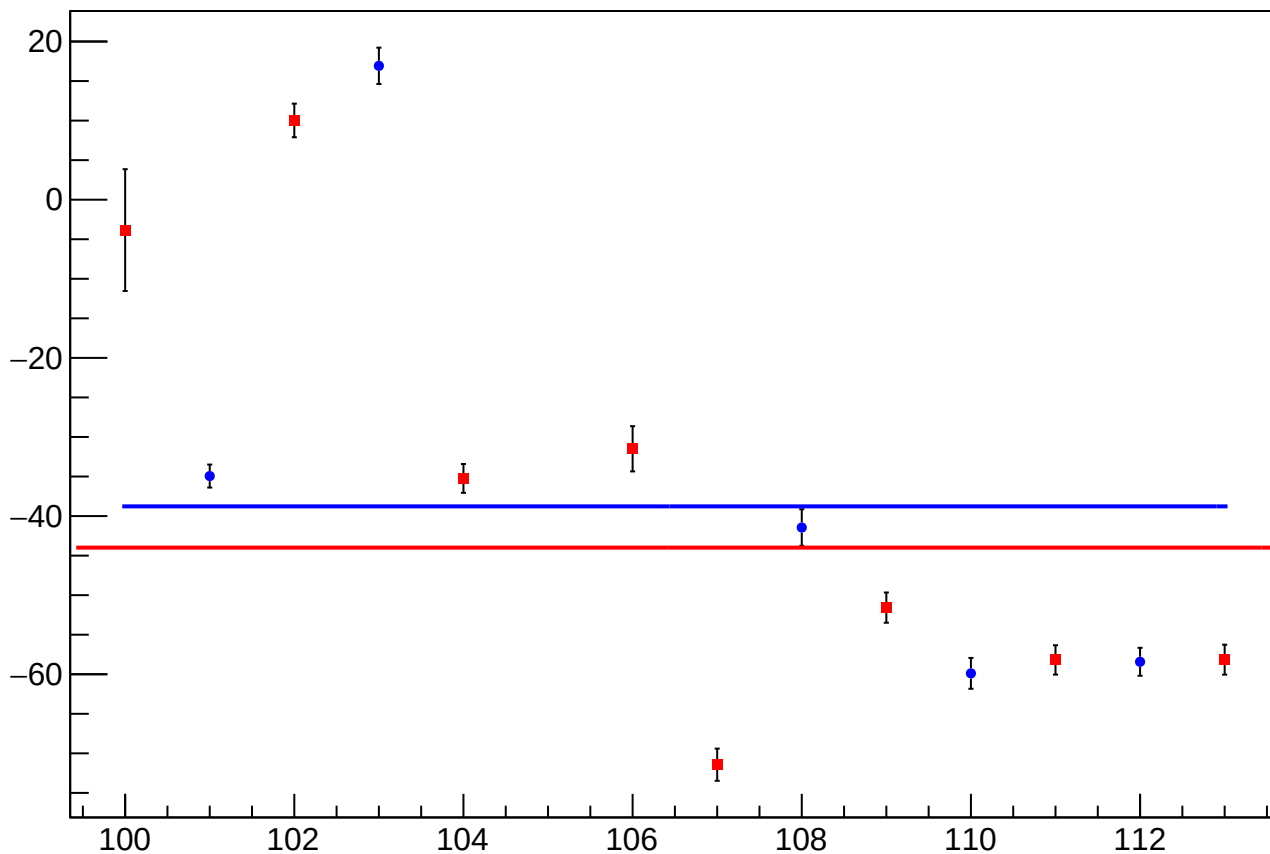
Right: -65.035 $\pm$ 0.439 χ^2 /NDF: 210.1/12

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: -65.035 $\pm$ 0.439 χ^2 /NDF: 210.1/12

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -38.773 ± 0.835 $\chi^2/\text{NDF}: 836.6/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -43.988 ± 0.757 $\chi^2/\text{NDF}: 1026.0/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

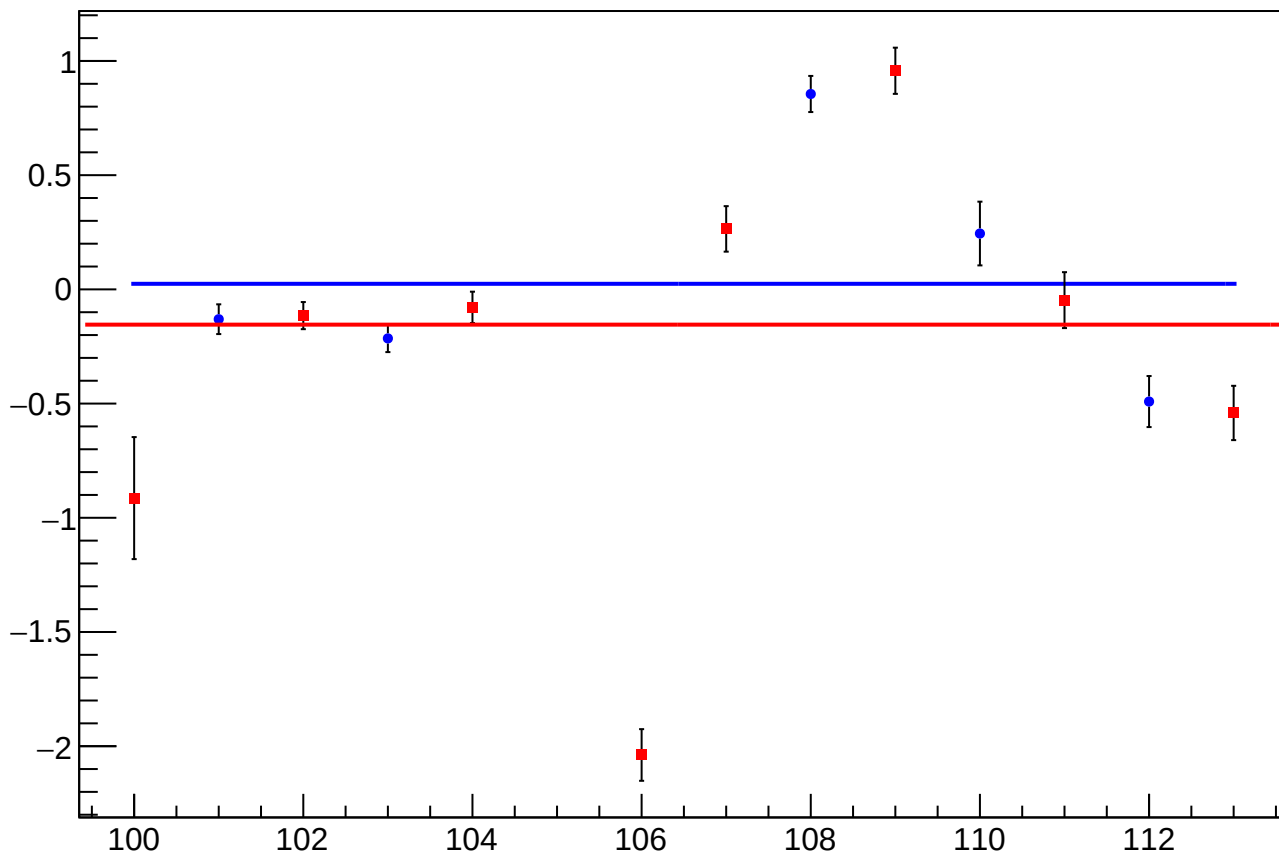
Right: -41.636 ± 0.561 $\chi^2/\text{NDF}: 1884.0/12$

In: -38.773 ± 0.835 $\chi^2/\text{NDF}: 836.6/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -41.636 ± 0.561 $\chi^2/\text{NDF}: 1884.0/12$

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.024+/-0.035 χ^2/NDF : 155.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.154+/-0.033 χ^2/NDF : 437.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

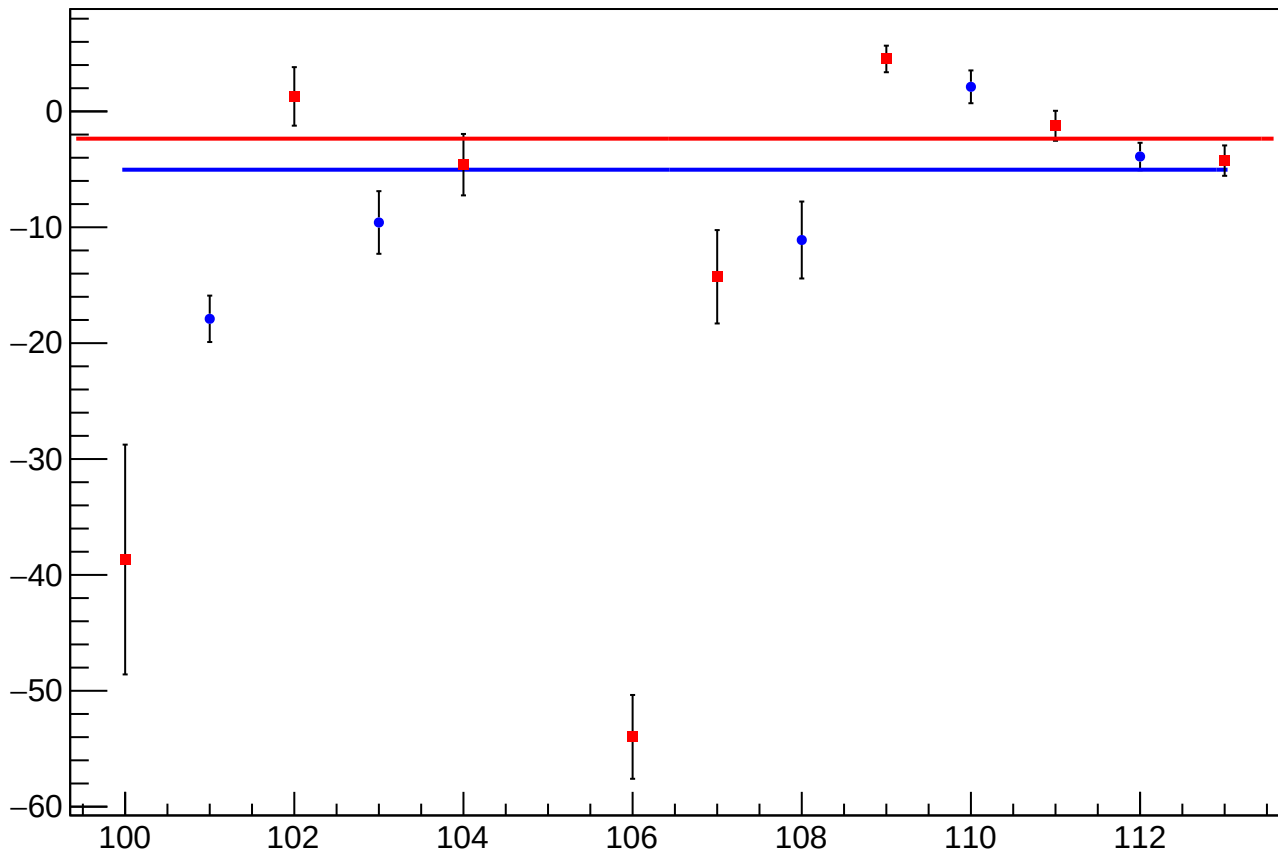
Right: -0.071+/-0.024 χ^2/NDF : 606.8/12

In: 0.024+/-0.035 χ^2/NDF : 155.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.071+/-0.024 χ^2/NDF : 606.8/12

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: -2.353 ± 0.647 χ^2/NDF : 267.5/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

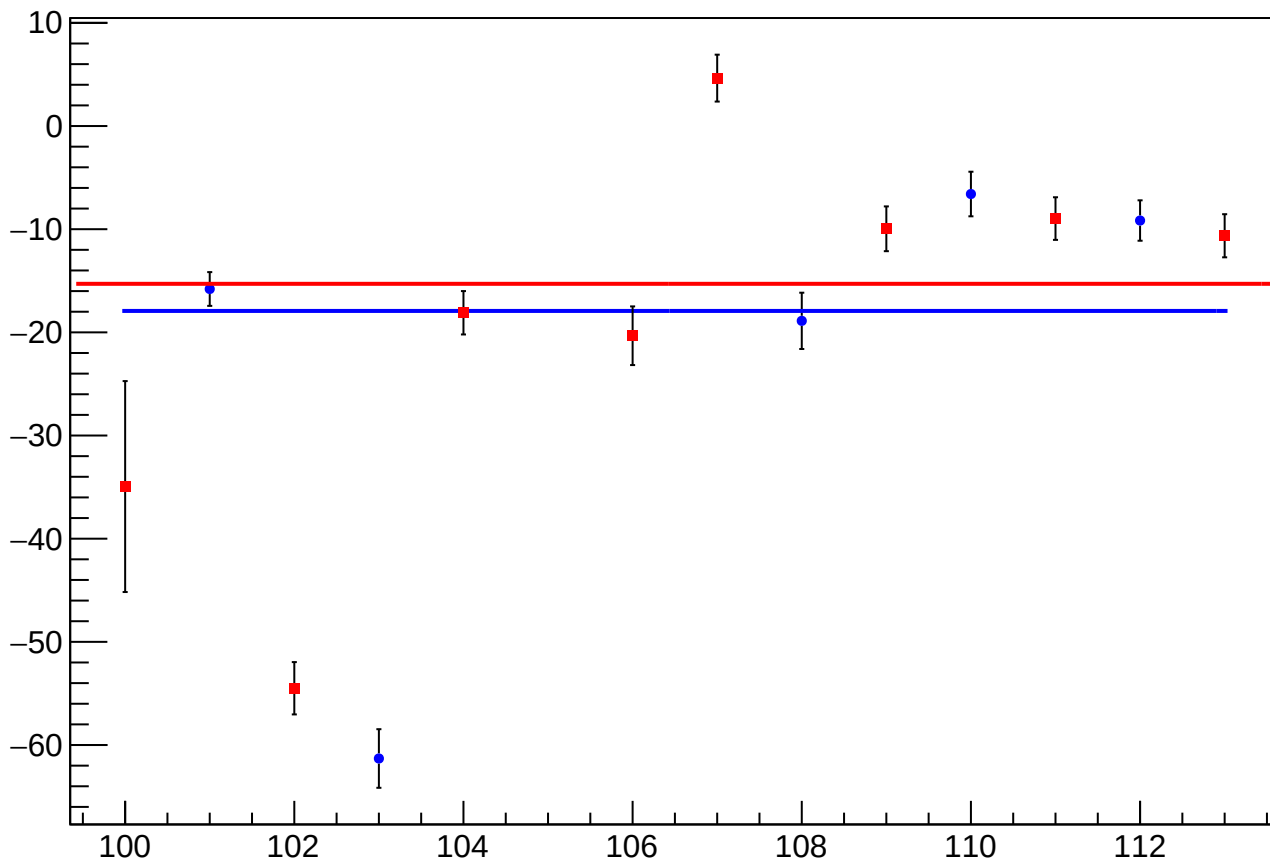
Right: -3.463 ± 0.495 χ^2/NDF : 348.5/12

In: -5.032 ± 0.769 χ^2/NDF : 73.9/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.463 ± 0.495 χ^2/NDF : 348.5/12

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.923 $\pm$ 0.951 χ^2 /NDF: 282.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -15.295 $\pm$ 0.850 χ^2 /NDF: 344.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

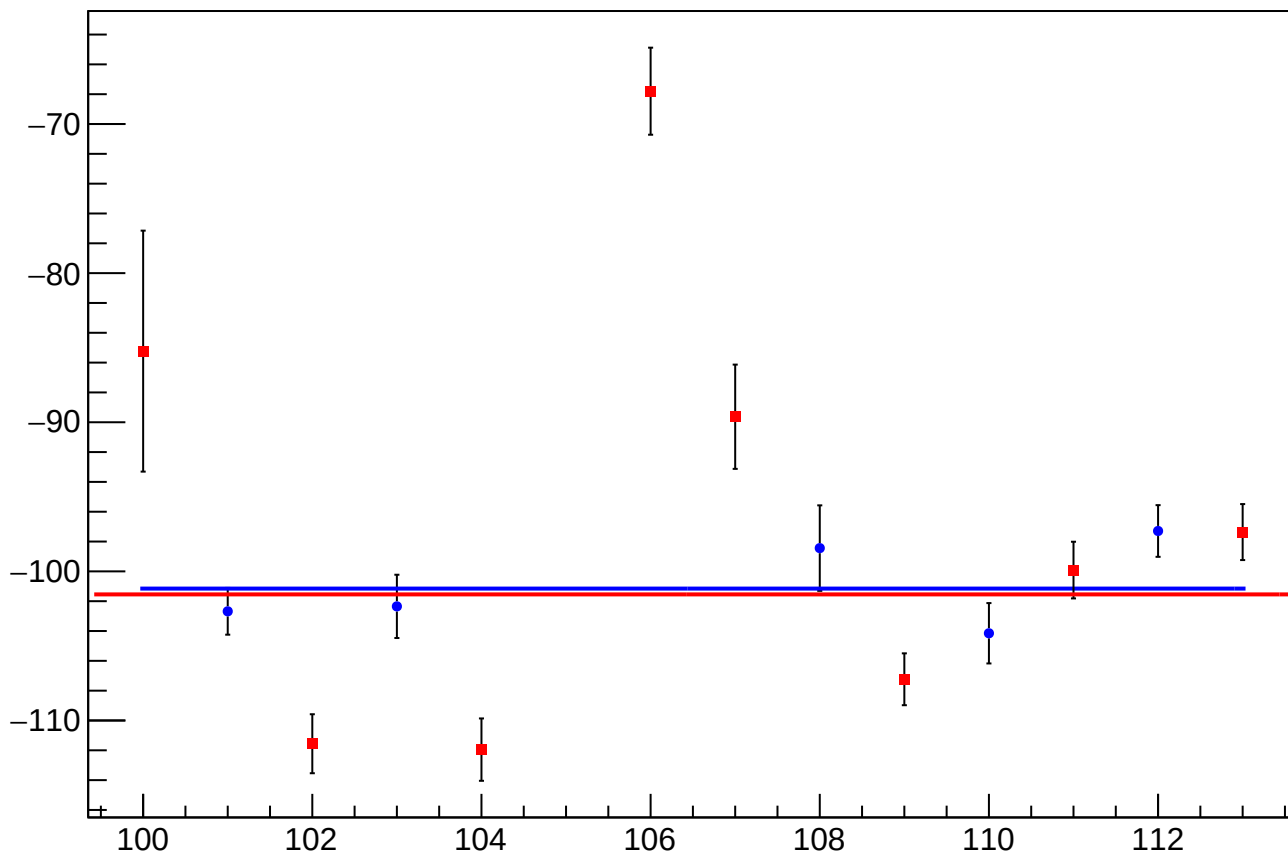
Right: -16.462 $\pm$ 0.634 χ^2 /NDF: 631.7/12

In: -17.923 $\pm$ 0.951 χ^2 /NDF: 282.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -16.462 $\pm$ 0.634 χ^2 /NDF: 631.7/12

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: -101.545+/-0.793 χ^2/NDF : 216.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

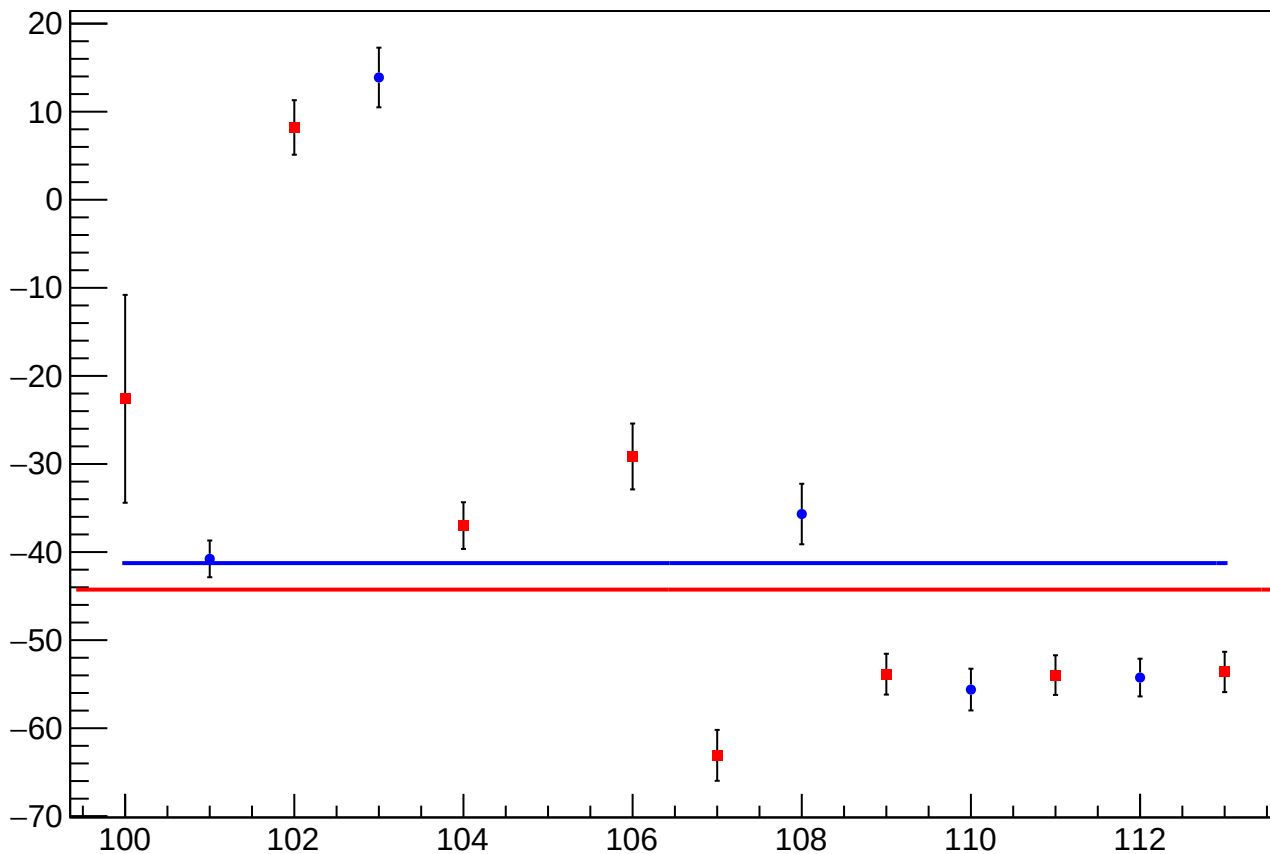
Right: -101.367+/-0.585 χ^2/NDF : 225.6/12

In: -101.155+/-0.868 χ^2/NDF : 9.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -101.367+/-0.585 χ^2/NDF : 225.6/12

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: -44.261+/-0.991 χ^2/NDF : 409.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

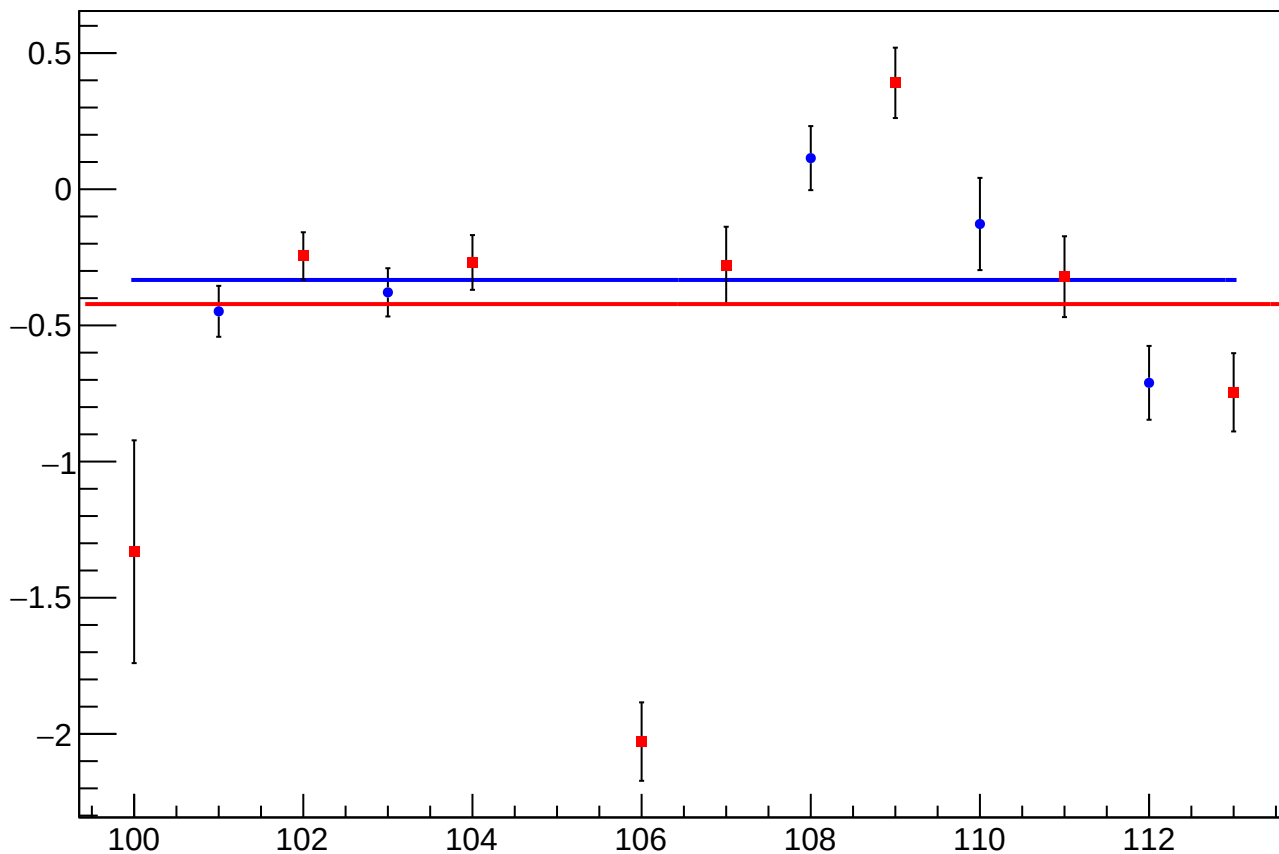
Right: -42.940+/-0.742 χ^2/NDF : 754.7/12

In: -41.253+/-1.119 χ^2/NDF :341.5/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -42.940+/-0.742 χ^2/NDF : 754.7/12

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.333 ± 0.050 $\chi^2/\text{NDF}: 25.5/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.422 ± 0.045 $\chi^2/\text{NDF}: 181.9/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

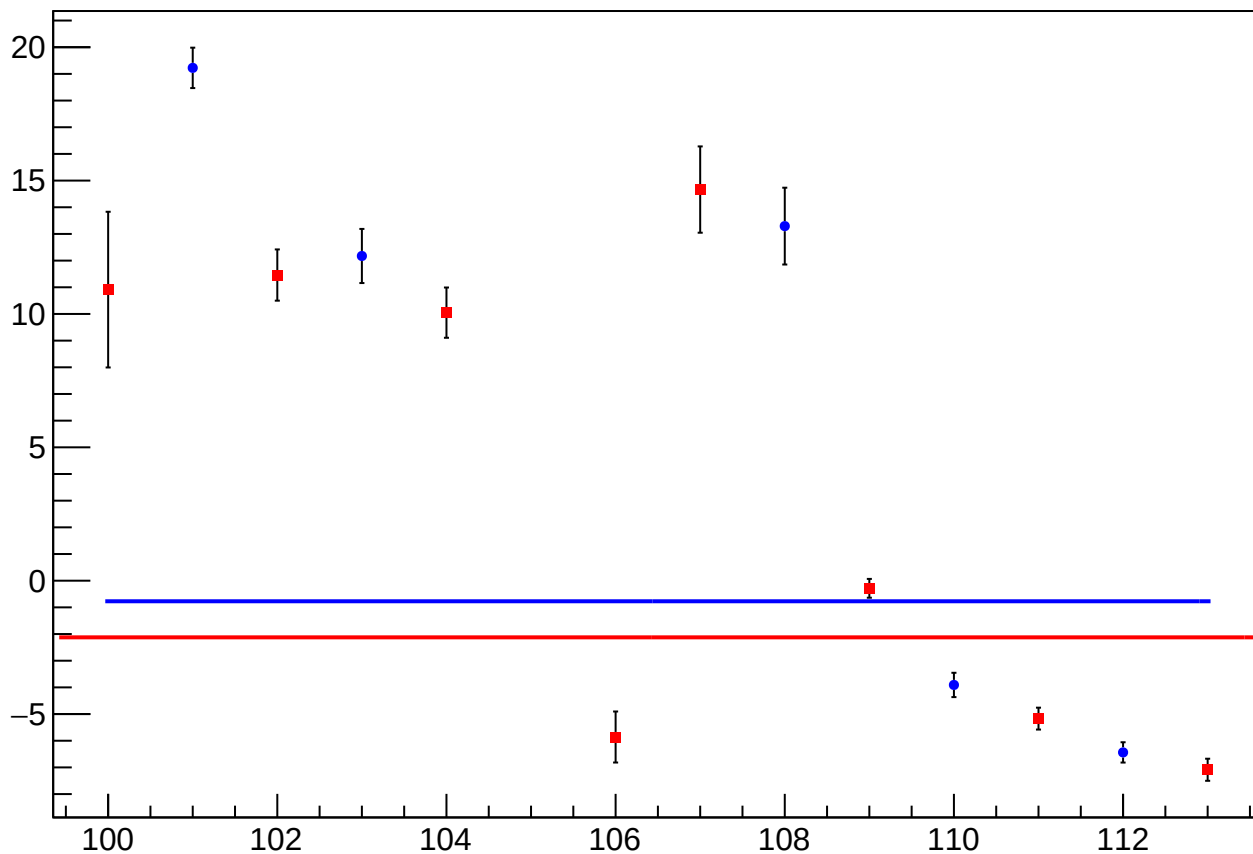
Right: -0.382 ± 0.033 $\chi^2/\text{NDF}: 209.1/12$

In: -0.333 ± 0.050 $\chi^2/\text{NDF}: 25.5/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.382 ± 0.033 $\chi^2/\text{NDF}: 209.1/12$

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: -2.124 ± 0.206 χ^2/NDF : 735.9/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

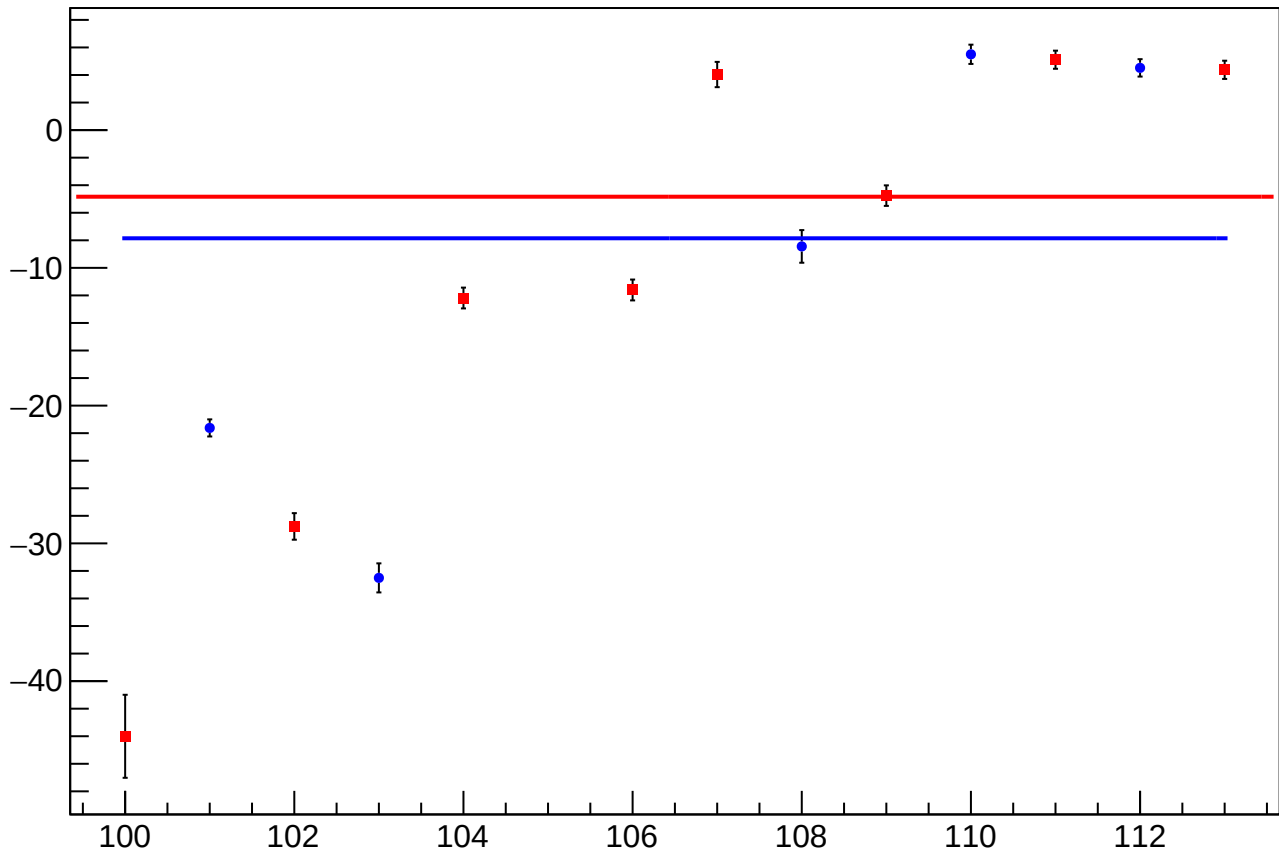
Right: -1.601 ± 0.161 χ^2/NDF : 1977.0/12

In: -0.772 ± 0.259 χ^2/NDF : 1224.4/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.601 ± 0.161 χ^2/NDF : 1977.0/12

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: -4.835+/-0.285 χ^2/NDF : 1476.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

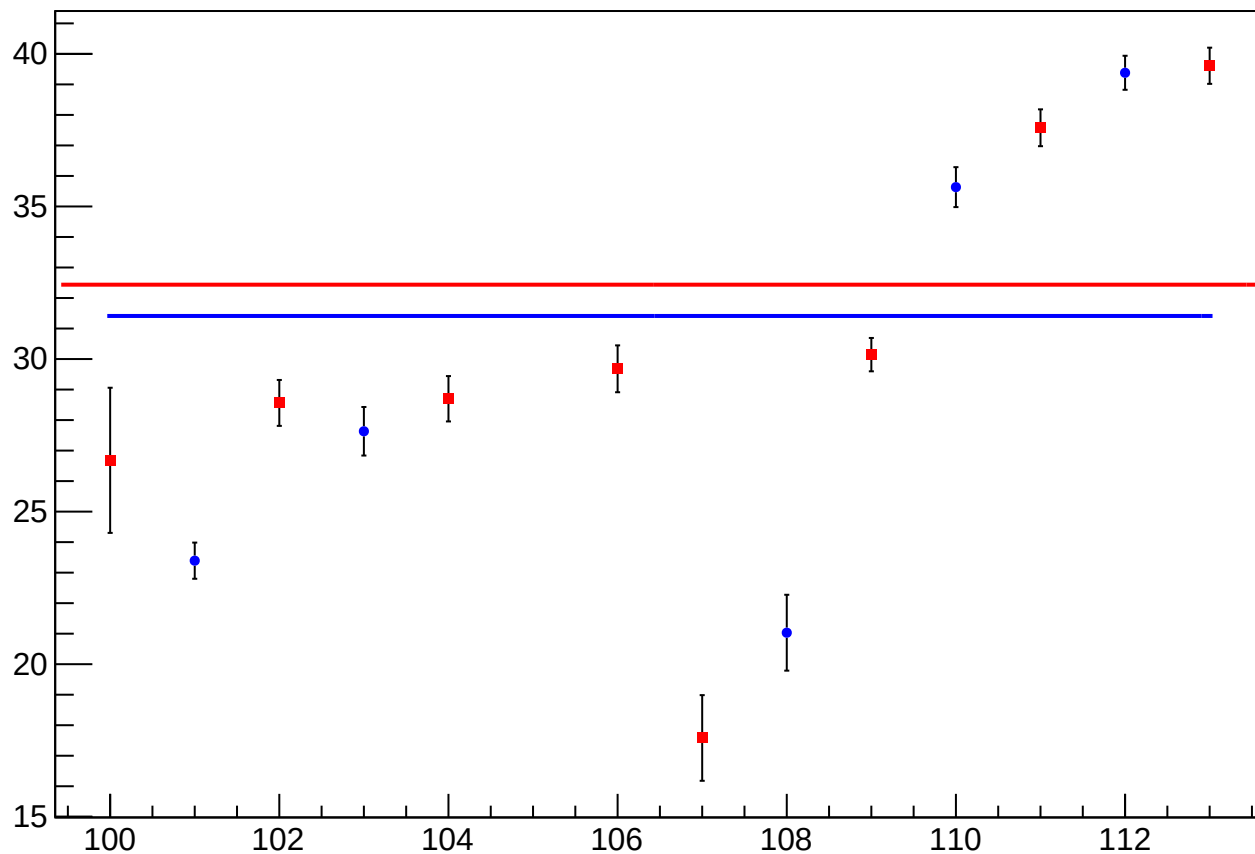
Right: -6.092+/-0.218 χ^2/NDF : 3310.1/12

In: -7.853+/-0.338 χ^2/NDF :1787.0/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.092+/-0.218 χ^2/NDF : 3310.1/12

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: 32.437 $\pm$ 0.259 χ^2 /NDF: 419.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

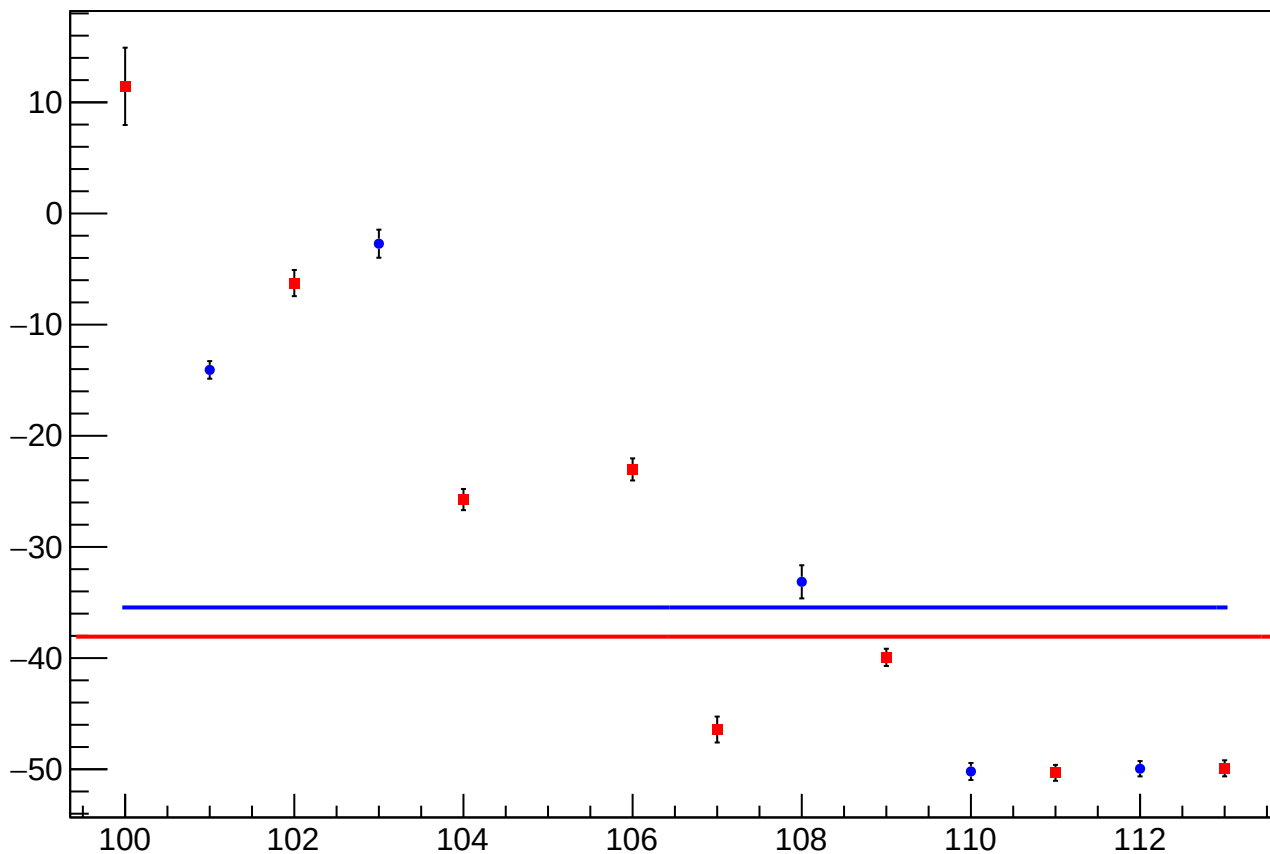
Right: 32.010 $\pm$ 0.198 χ^2 /NDF: 946.9/12

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: 32.010 $\pm$ 0.198 χ^2 /NDF: 946.9/12

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: -38.071 ± 0.330 χ^2/NDF : 1947.2/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

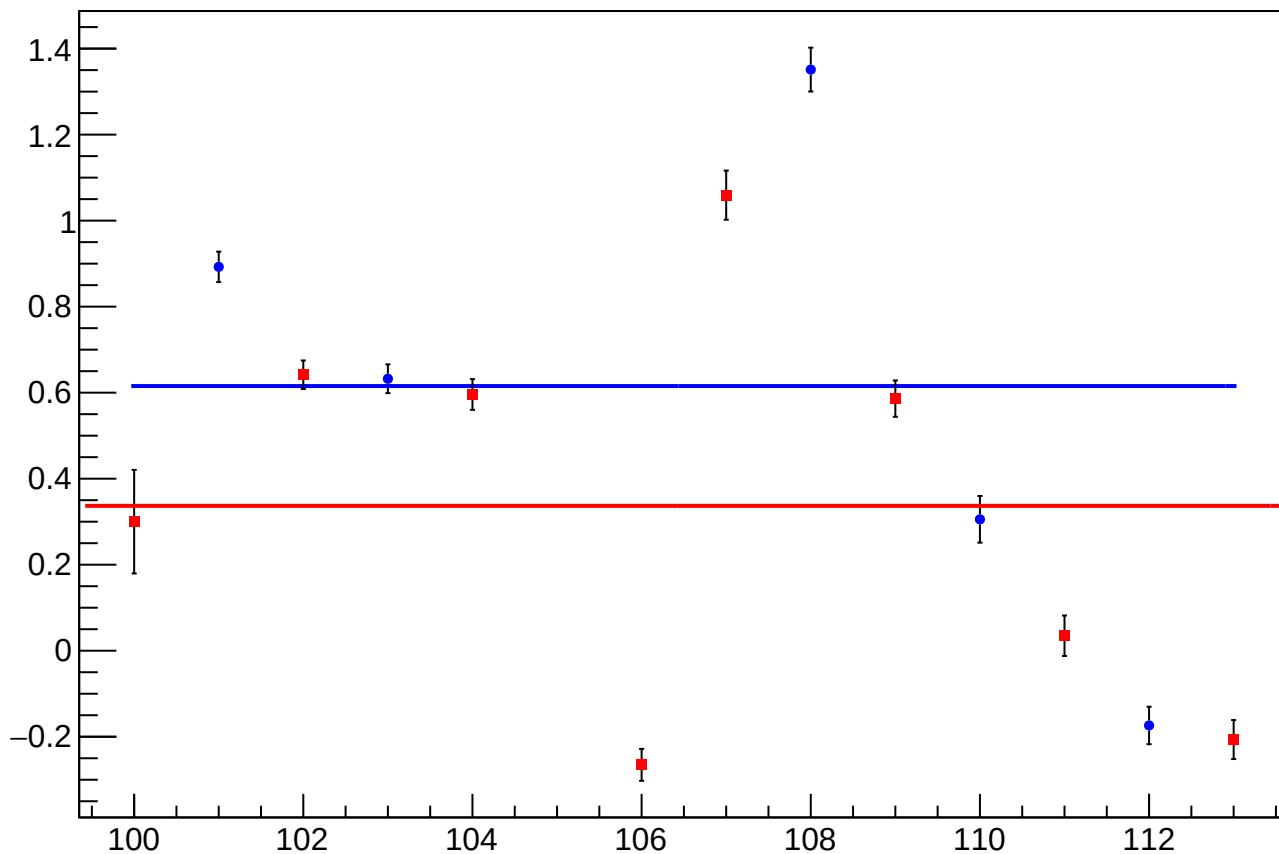
Right: -36.983 ± 0.253 χ^2/NDF : 4191.3/12

In: -35.443 ± 0.393 χ^2/NDF : 2217.9/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -36.983 ± 0.253 χ^2/NDF : 4191.3/12

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.615+/-0.018 χ^2/NDF : 631.1/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.337+/-0.015 χ^2/NDF : 779.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

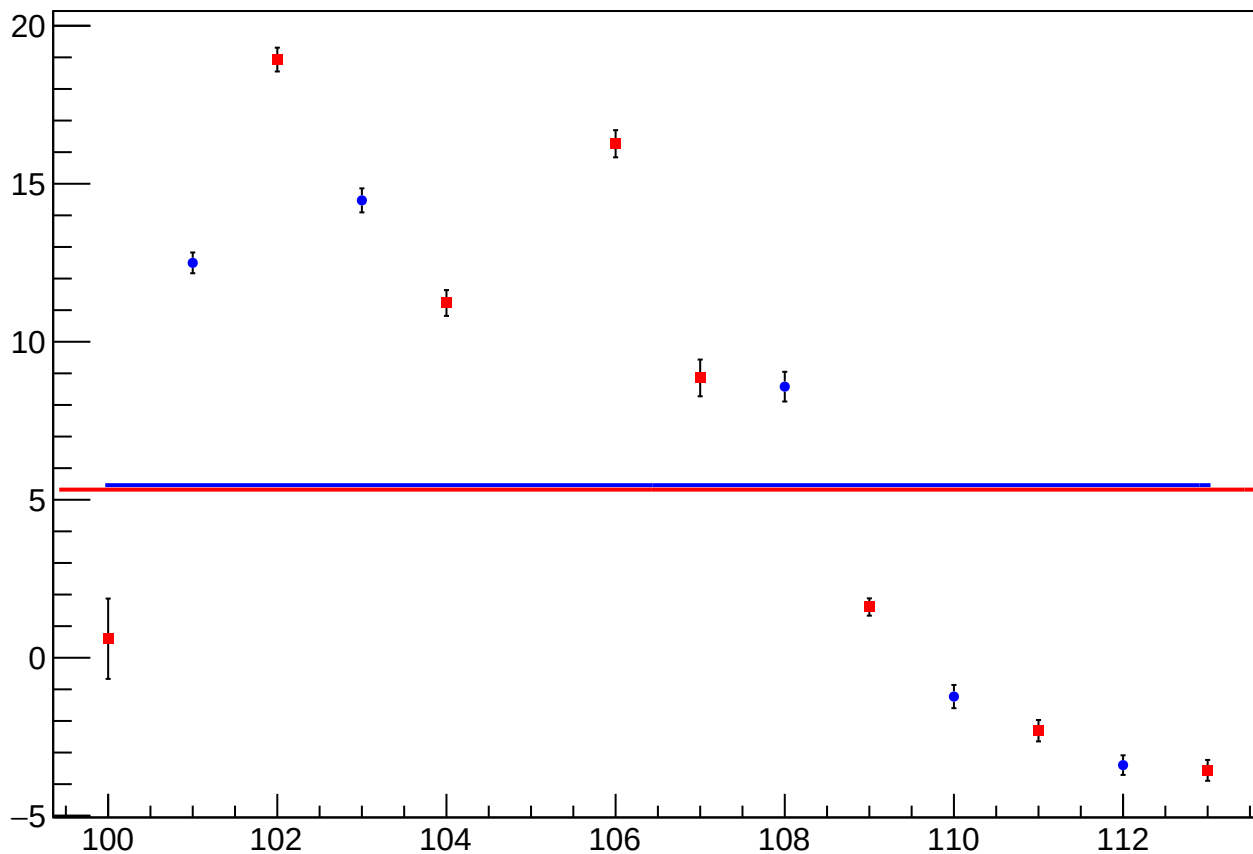
Right: 0.450+/-0.012 χ^2/NDF : 1546.1/12

In: 0.615+/-0.018 χ^2/NDF : 631.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.450+/-0.012 χ^2/NDF : 1546.1/12

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: 5.321+/-0.137 χ^2/NDF : 3630.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

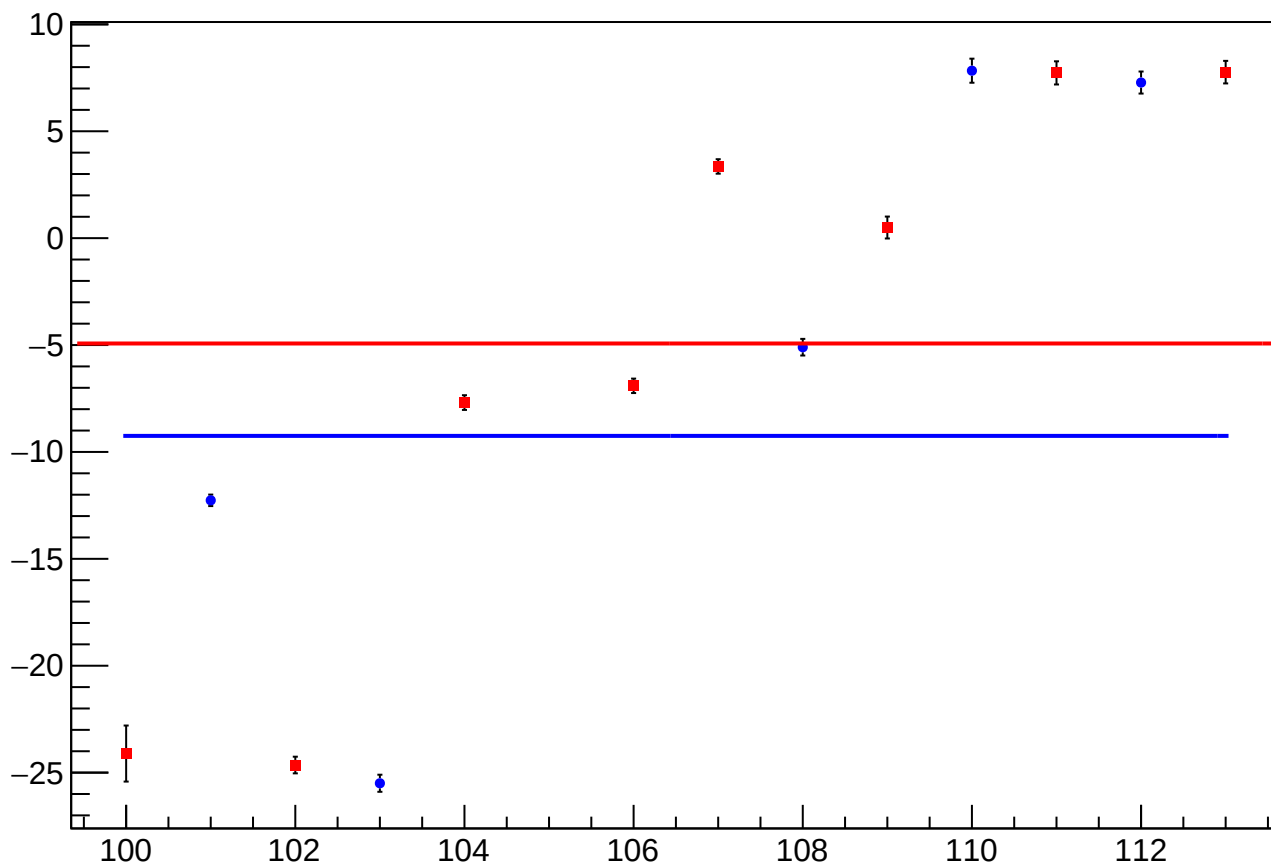
Right: 5.380+/-0.104 χ^2/NDF : 5842.4/12

In: 5.461+/-0.161 χ^2/NDF : 2212.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.380+/-0.104 χ^2/NDF : 5842.4/12

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: -4.927 ± 0.151 χ^2/NDF : 4710.2/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

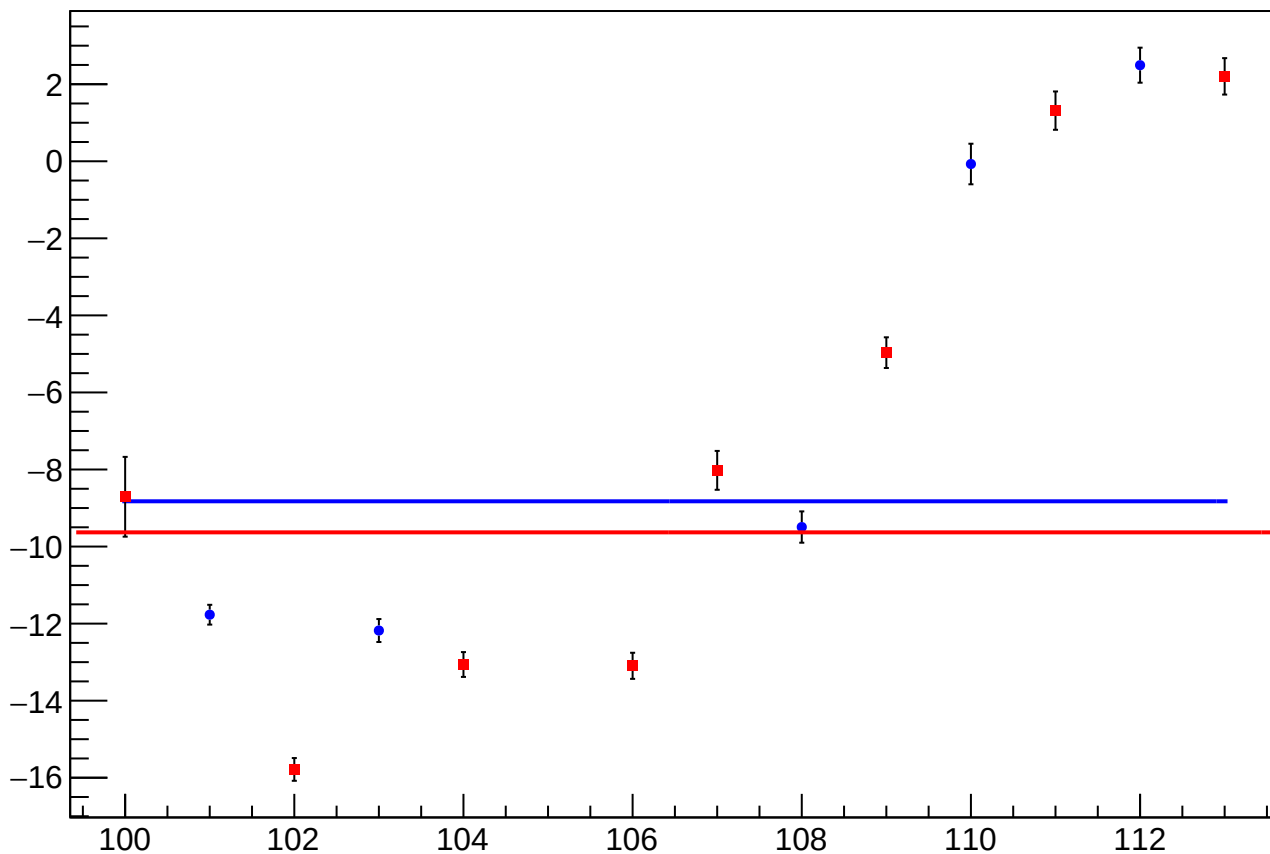
Right: -6.802 ± 0.114 χ^2/NDF : 8910.2/12

In: -9.249 ± 0.172 χ^2/NDF : 3843.9/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.802 ± 0.114 χ^2/NDF : 8910.2/12

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: -9.631+/-0.142 χ^2/NDF : 1910.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

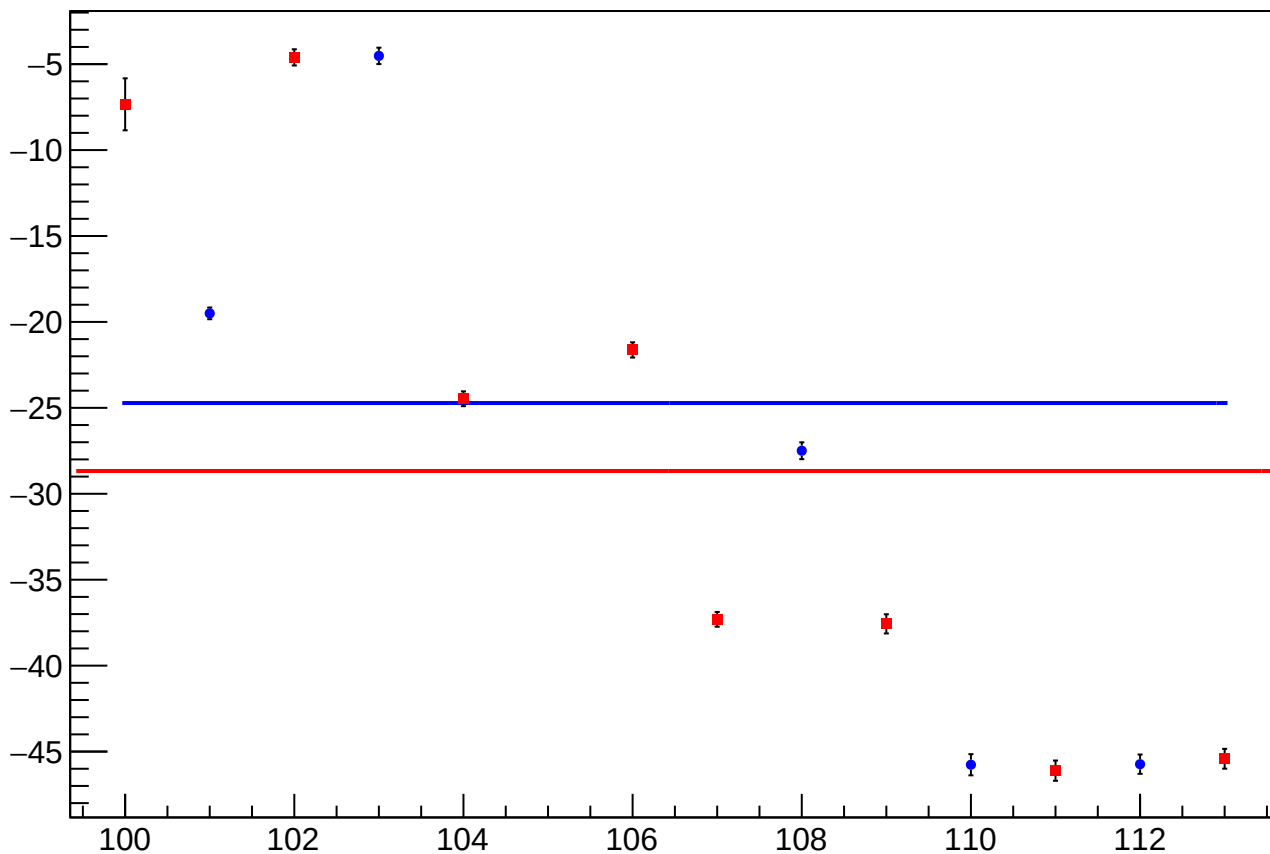
Right: -9.267+/-0.105 χ^2/NDF : 3082.7/12

In: -8.825+/-0.156 χ^2/NDF : 1157.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.267+/-0.105 χ^2/NDF : 3082.7/12

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -24.719 ± 0.209 $\chi^2/\text{NDF}: 4621.2/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -28.674 ± 0.183 $\chi^2/\text{NDF}: 5522.4/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

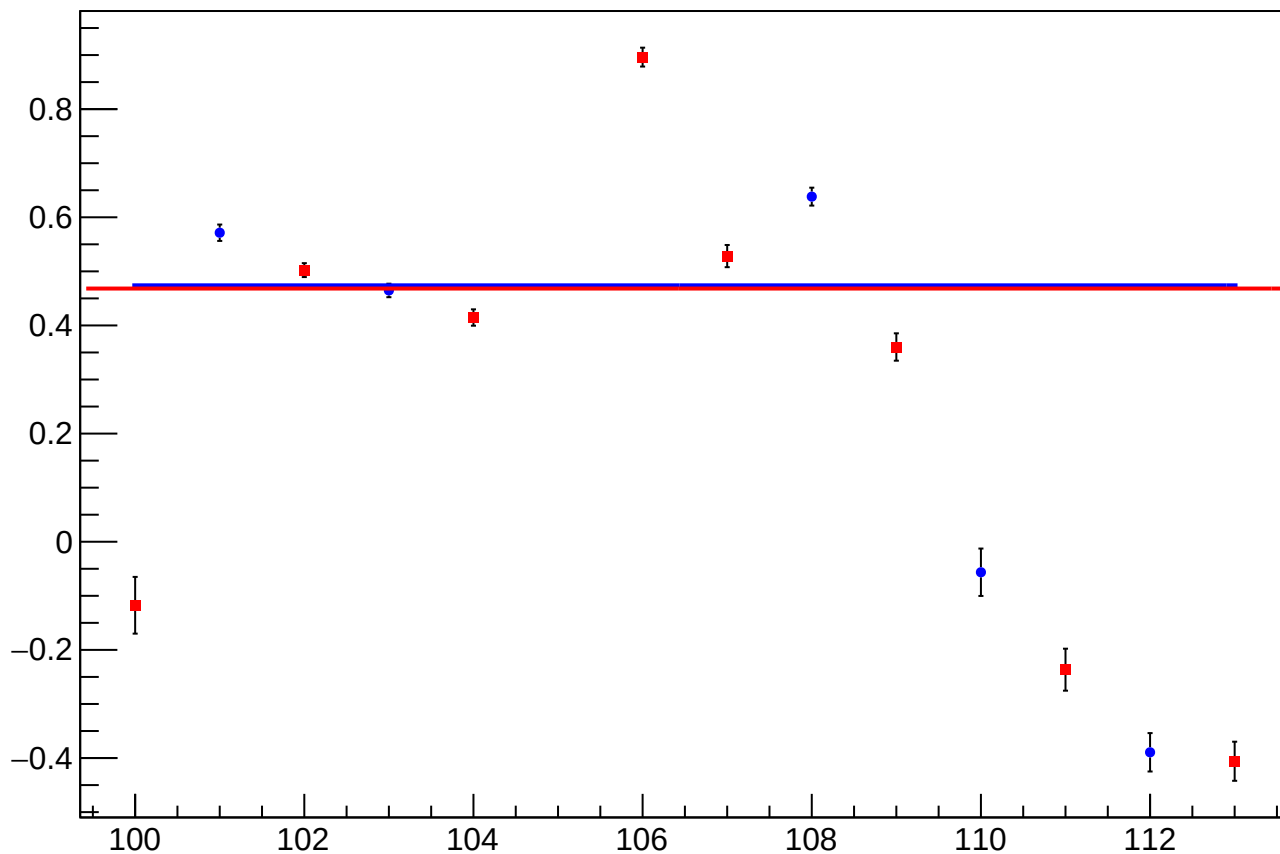
Right: -26.957 ± 0.138 $\chi^2/\text{NDF}: 10346.7/12$

In: -24.719 ± 0.209 $\chi^2/\text{NDF}: 4621.2/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -26.957 ± 0.138 $\chi^2/\text{NDF}: 10346.7/12$

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: 0.468+/-0.007 χ^2/NDF : 1686.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

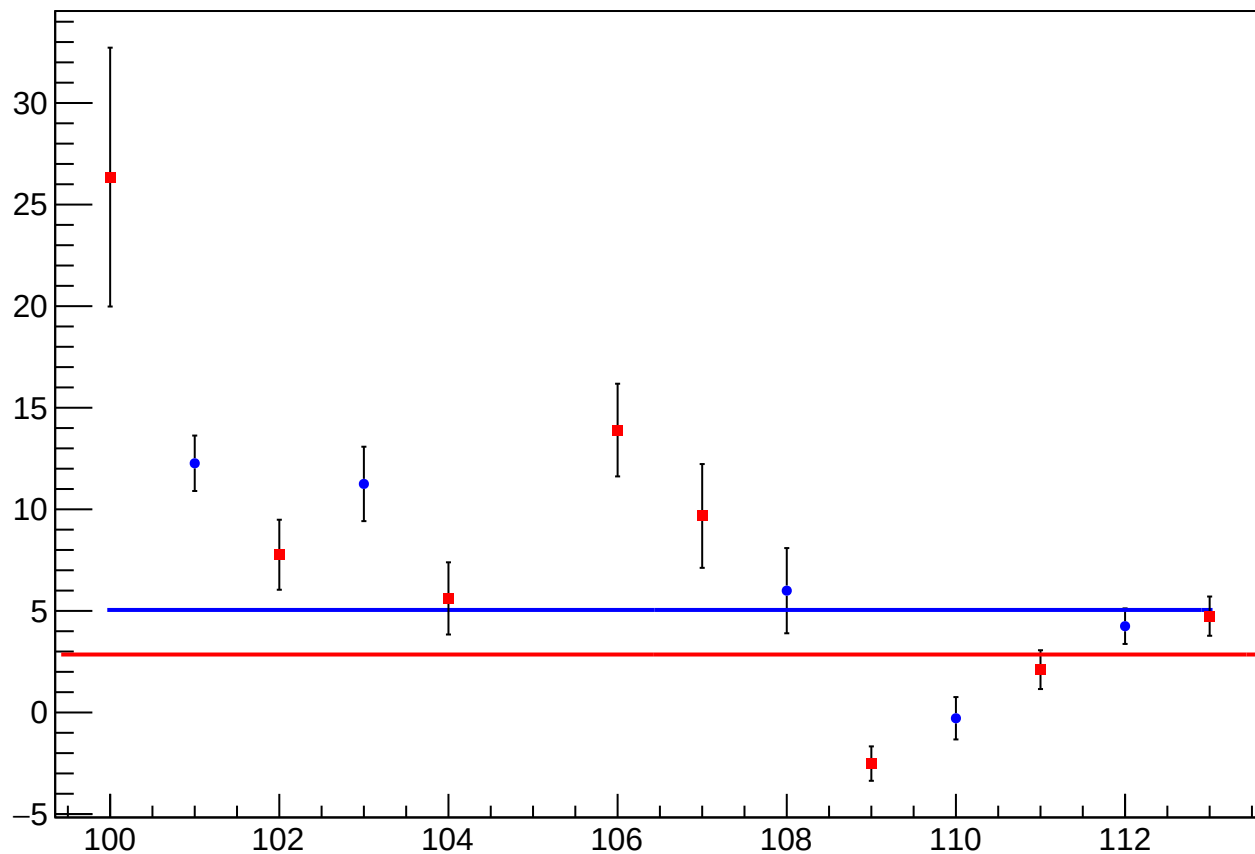
Right: 0.471+/-0.005 χ^2/NDF : 2563.8/12

In: 0.474+/-0.008 χ^2/NDF : 877.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.471+/-0.005 χ^2/NDF : 2563.8/12

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 5.047+/-0.551 χ^2/NDF : 66.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.853+/-0.467 χ^2/NDF : 99.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

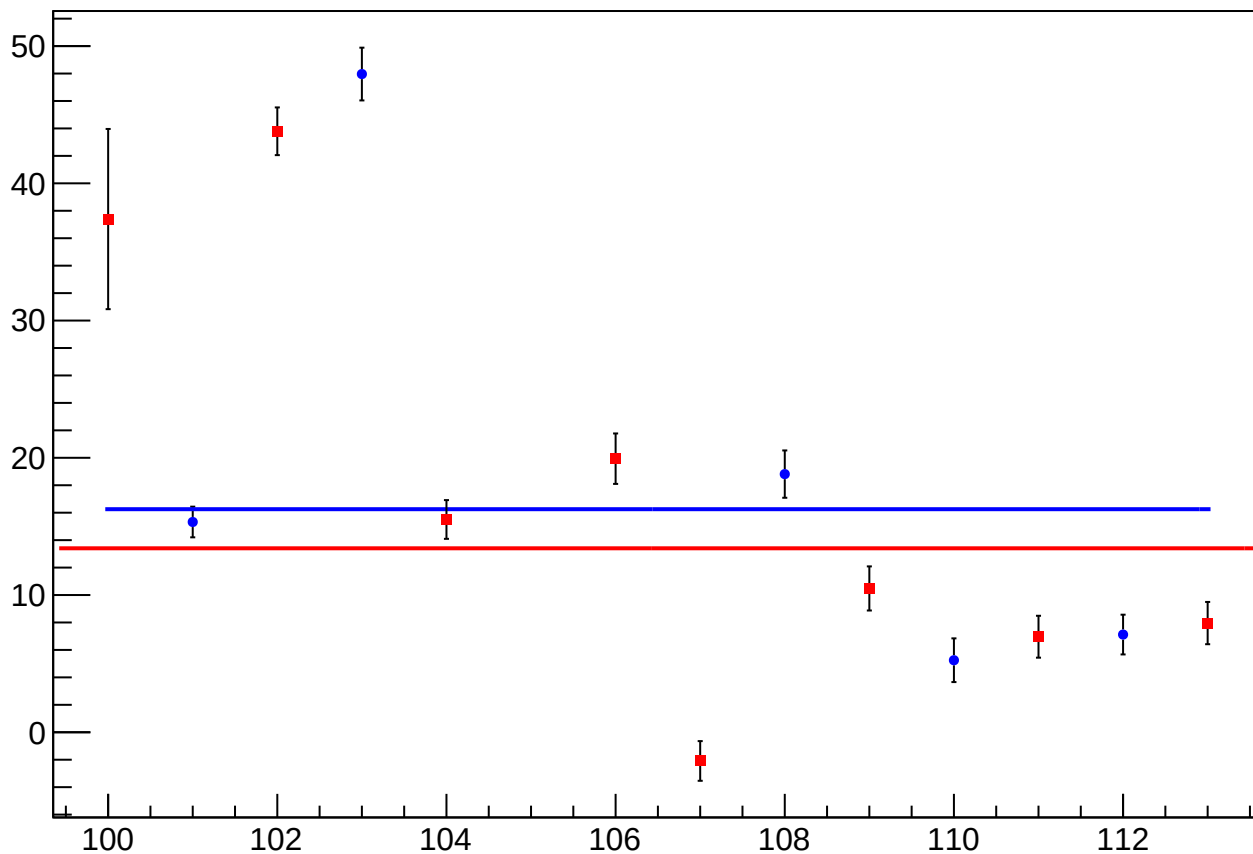
Right: 3.770+/-0.356 χ^2/NDF : 175.2/12

In: 5.047+/-0.551 χ^2/NDF : 66.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.770+/-0.356 χ^2/NDF : 175.2/12

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: 13.405+/-0.590 χ^2/NDF : 482.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

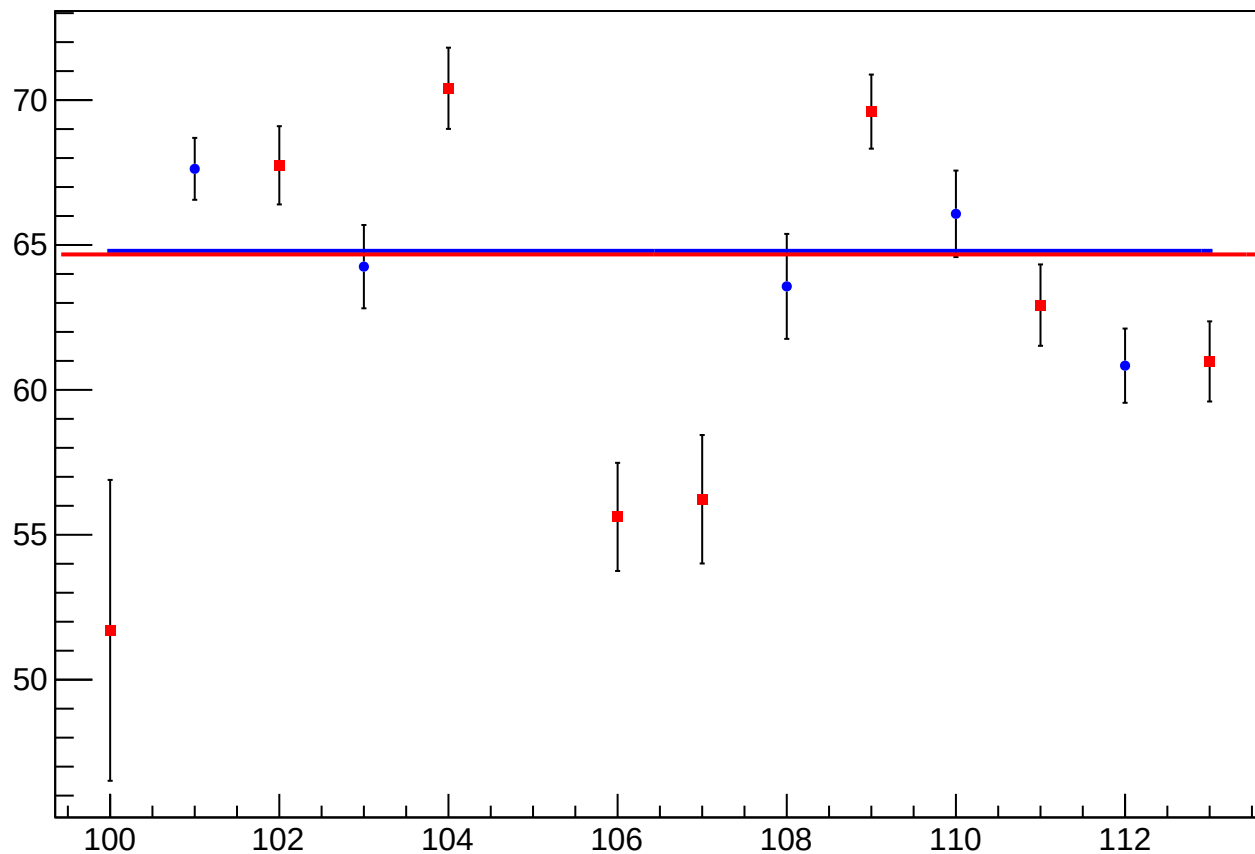
Right: 14.667+/-0.441 χ^2/NDF : 855.2/12

In: 16.255+/-0.662 χ^2/NDF : 362.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.667+/-0.441 χ^2/NDF : 855.2/12

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: 64.674 $\pm$ 0.557 χ^2 /NDF: 89.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

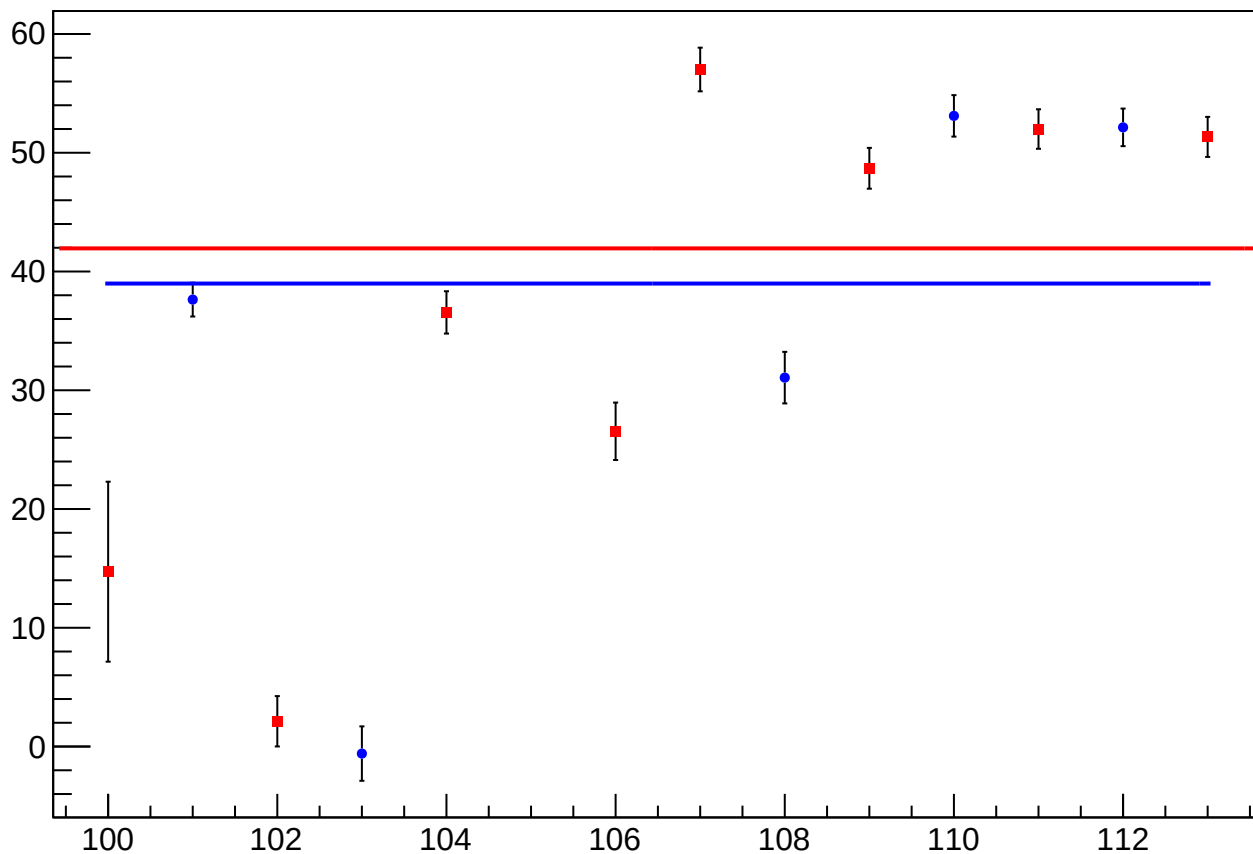
Right: 64.731 $\pm$ 0.410 χ^2 /NDF: 107.7/12

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: 64.731 $\pm$ 0.410 χ^2 /NDF: 107.7/12

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: 41.948 $\pm$ 0.695 χ^2 /NDF: 565.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

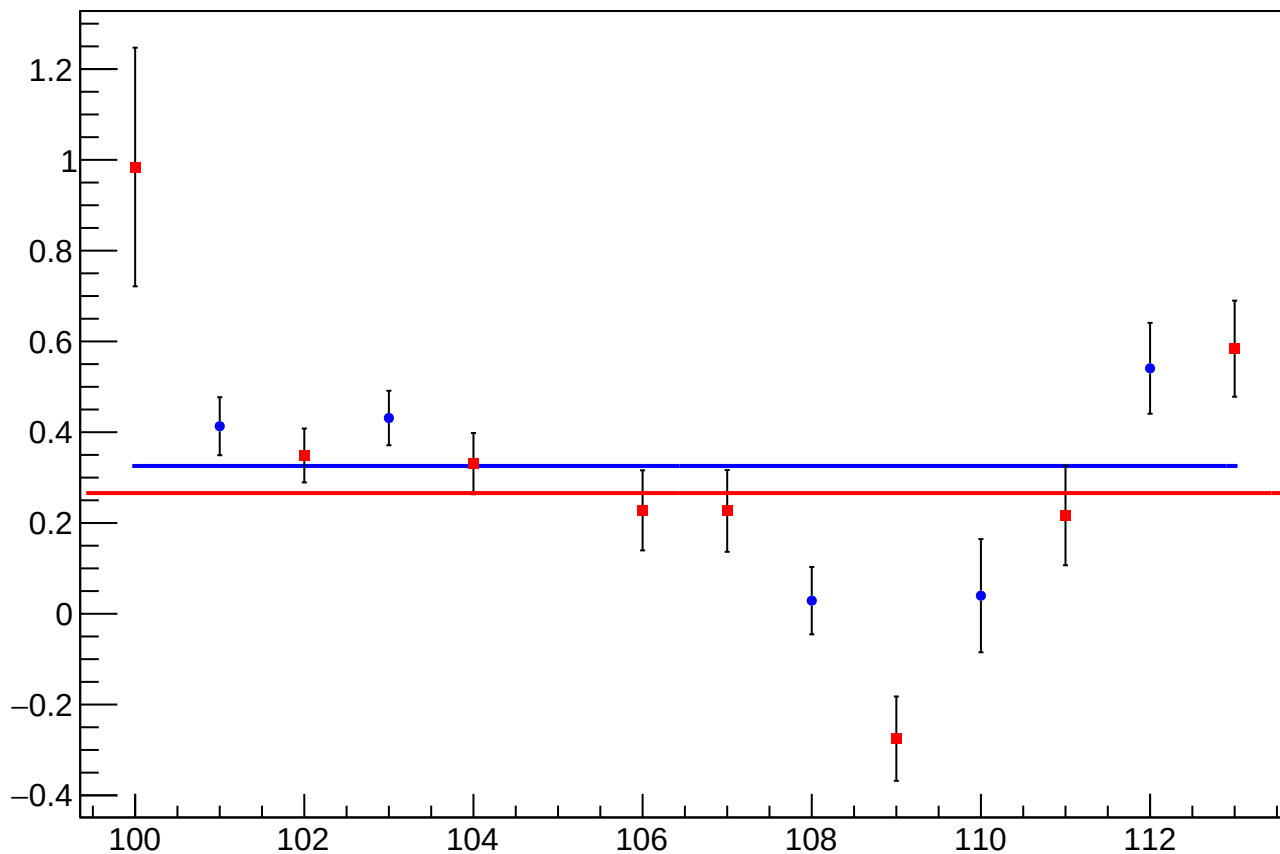
Right: 40.647 $\pm$ 0.520 χ^2 /NDF: 1020.6/12

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: 40.647 $\pm$ 0.520 χ^2 /NDF: 1020.6/12

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: 0.266 $\pm$ 0.031 χ^2 /NDF: 53.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

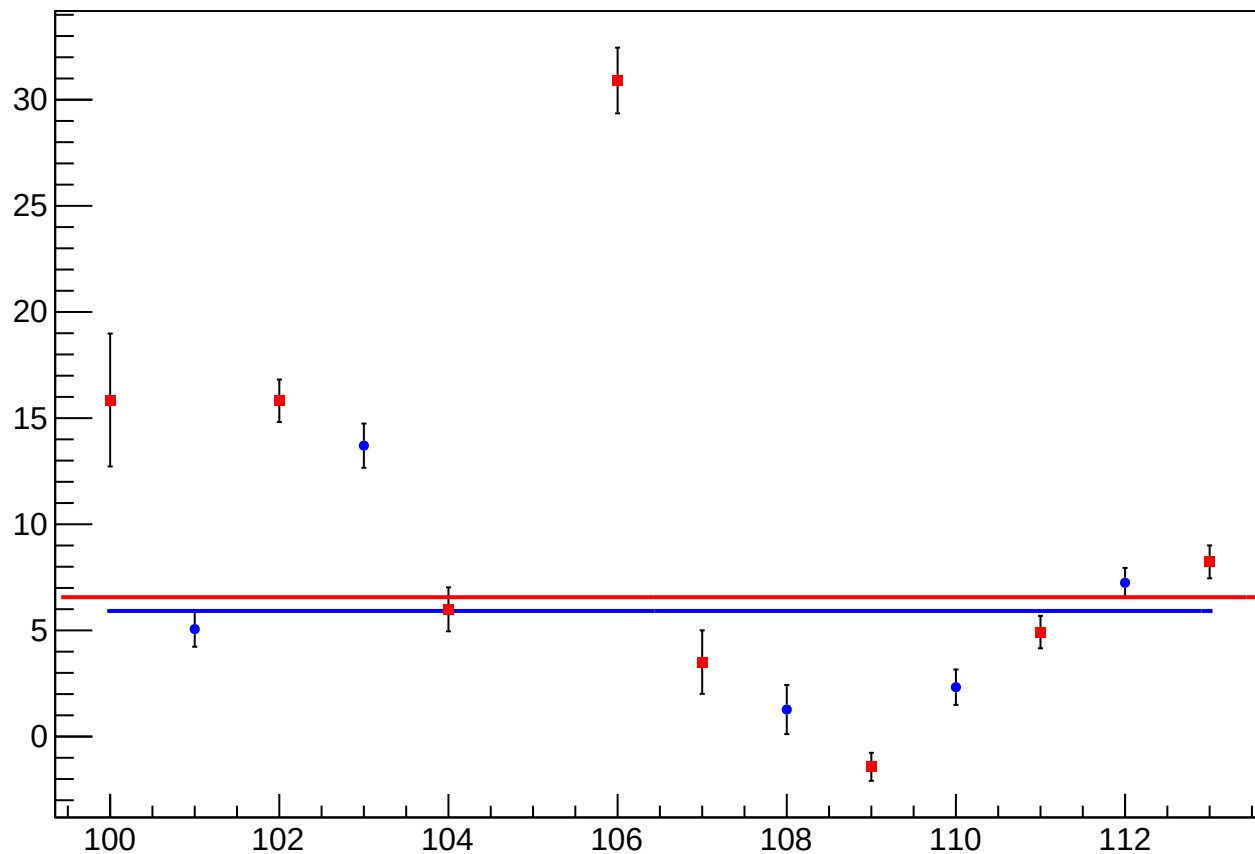
Right: 0.293 $\pm$ 0.023 χ^2 /NDF: 86.4/12

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: 0.293 $\pm$ 0.023 χ^2 /NDF: 86.4/12

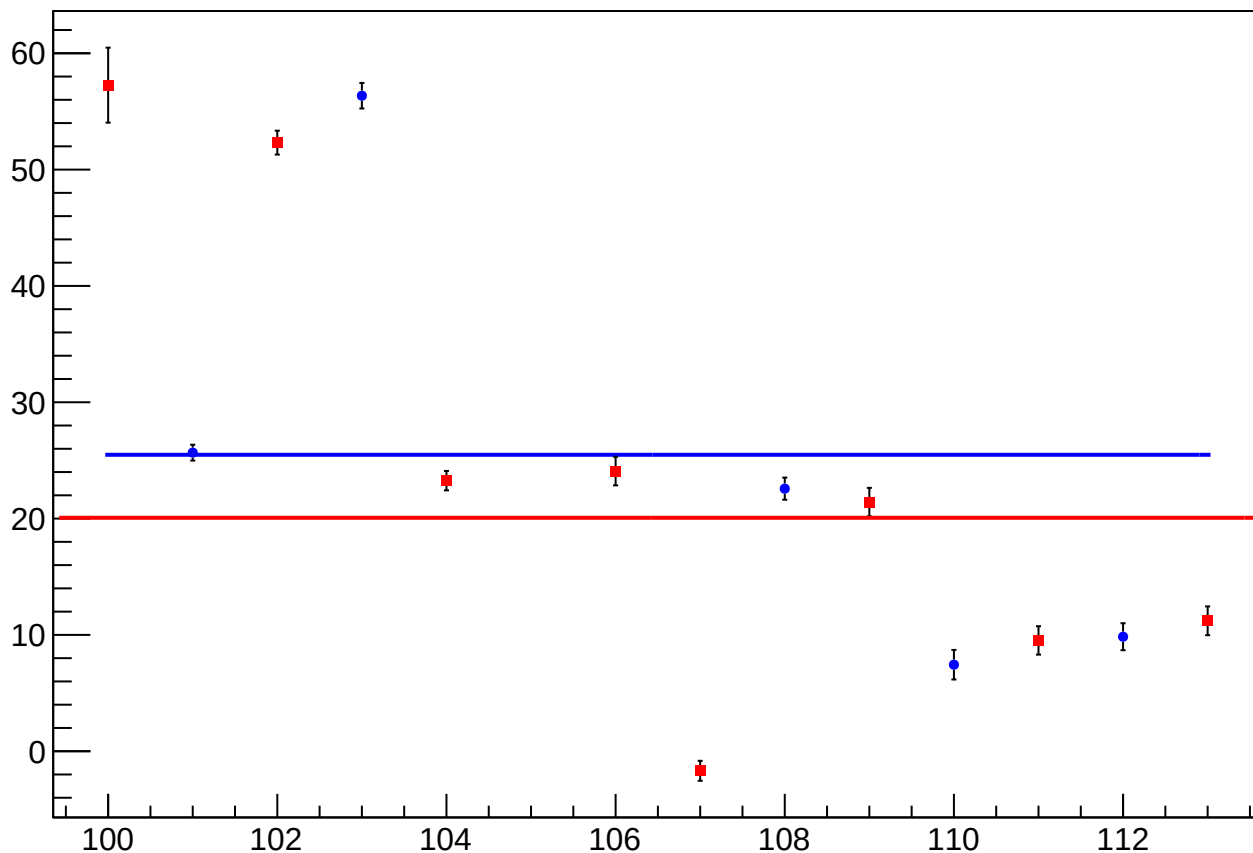
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 5.917 $\pm$ 0.389 χ^2 /NDF: 95.3/4
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 6.565 $\pm$ 0.341 χ^2 /NDF: 501.8/7
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 6.283 $\pm$ 0.257 χ^2 /NDF: 598.7/12
 In: 5.917 $\pm$ 0.389 χ^2 /NDF:95.3/4
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 6.283 $\pm$ 0.257 χ^2 /NDF: 598.7/12

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: 20.070+/-0.393 χ^2 /NDF: 1911.1/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

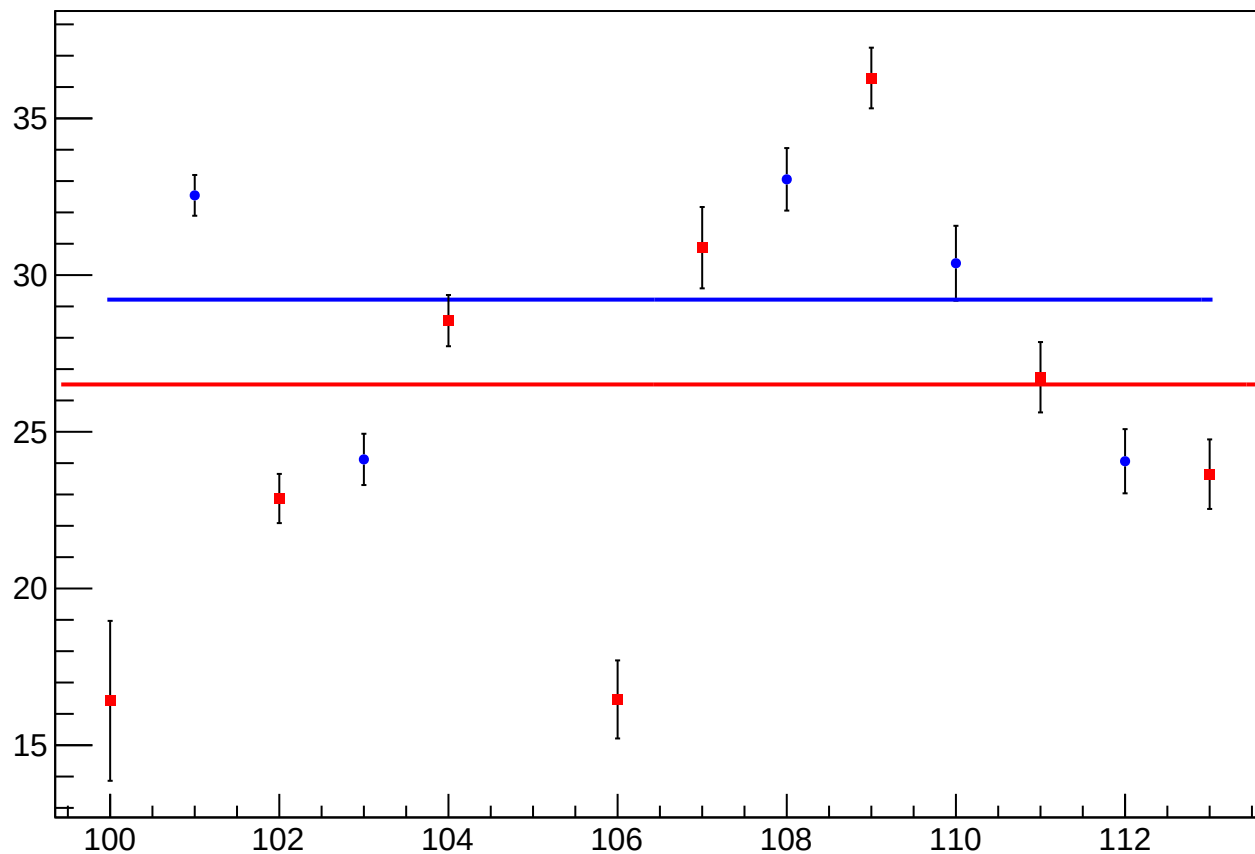
Right: 22.546+/-0.289 χ^2 /NDF: 3181.5/12

In: 25.484+/-0.428 χ^2 /NDF:1183.5/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 22.546+/-0.289 χ^2 /NDF: 3181.5/12

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.217 $\pm$ 0.392 χ^2 /NDF: 106.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 26.510 $\pm$ 0.373 χ^2 /NDF: 228.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

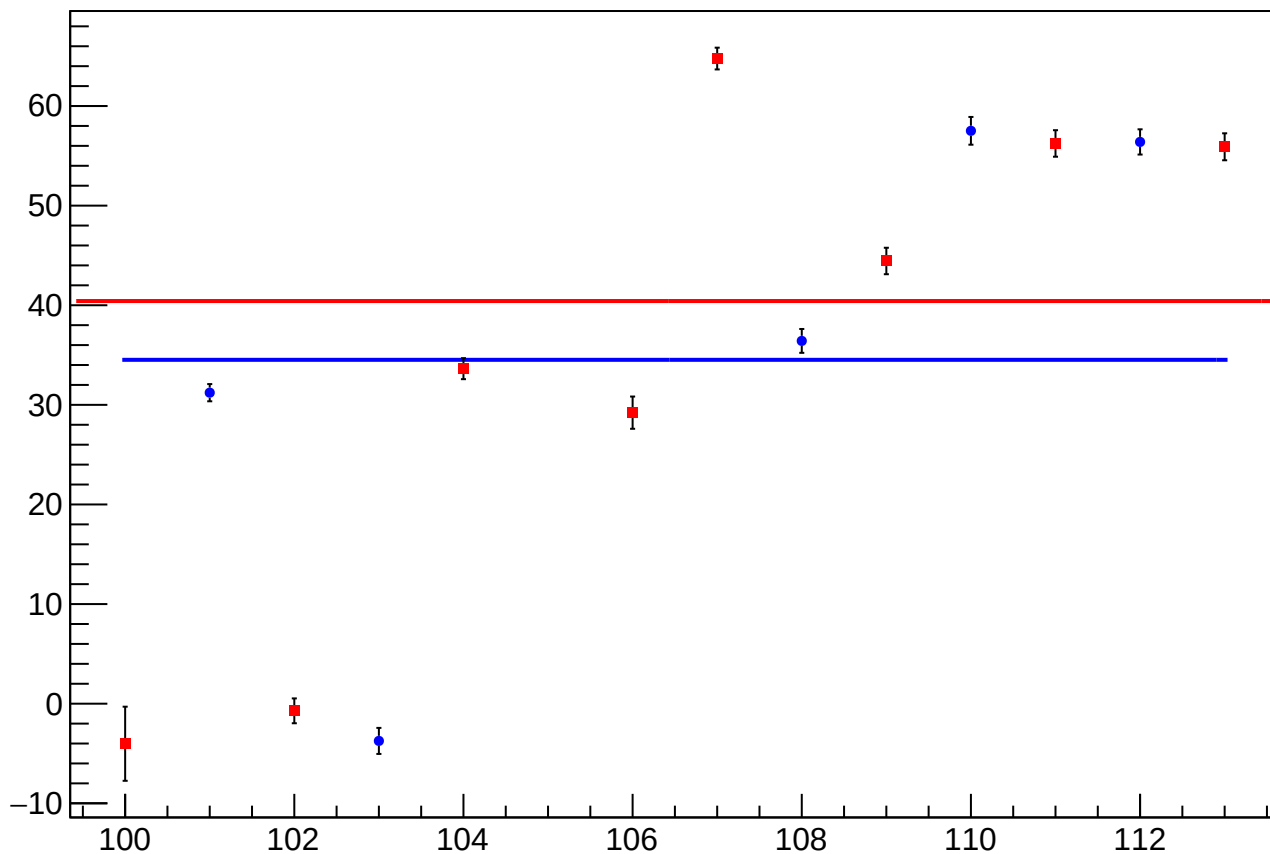
Right: 27.798 $\pm$ 0.270 χ^2 /NDF: 359.7/12

In: 29.217 $\pm$ 0.392 χ^2 /NDF:106.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 27.798 $\pm$ 0.270 χ^2 /NDF: 359.7/12

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: 40.424+/-0.471 χ^2/NDF : 2098.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

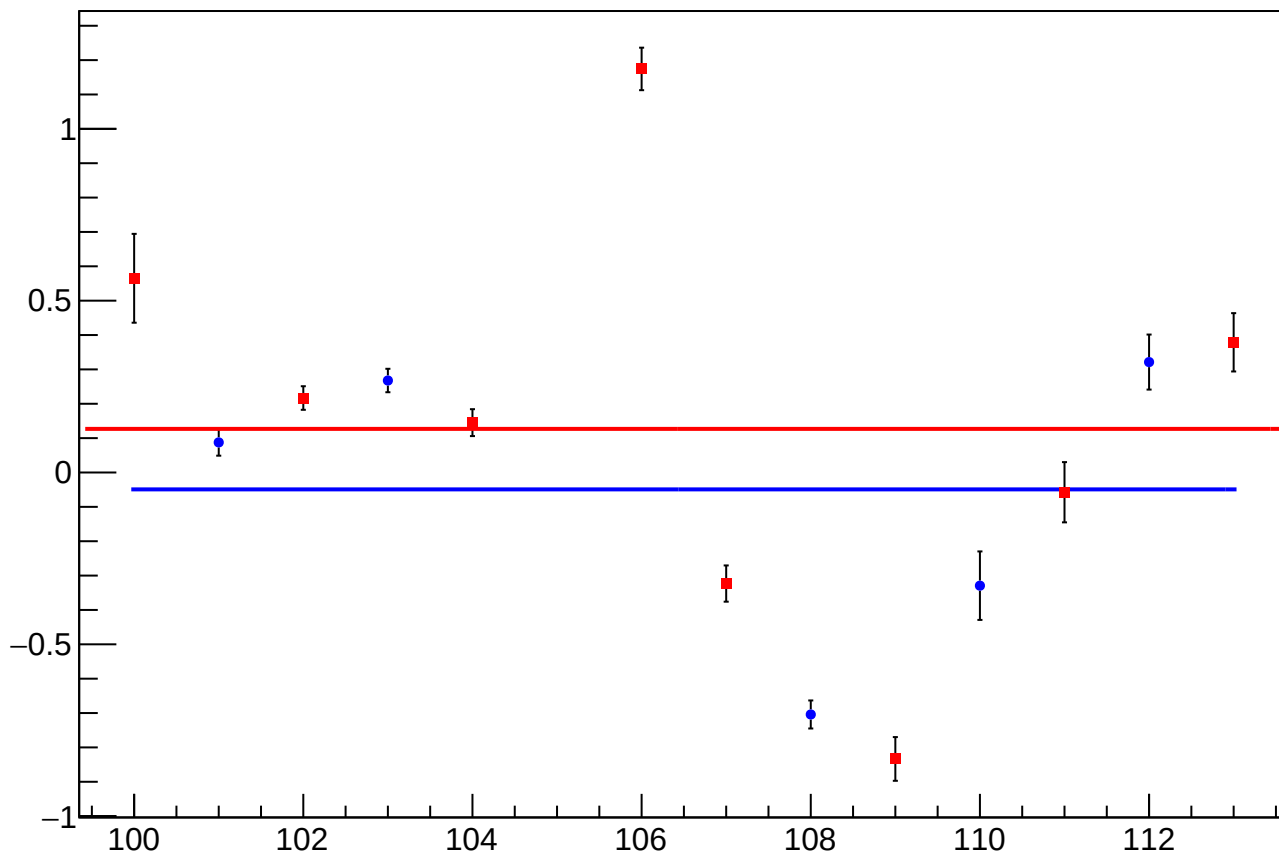
Right: 37.740+/-0.348 χ^2/NDF : 3614.0/12

In: 34.521+/-0.516 χ^2/NDF : 1444.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.740+/-0.348 χ^2/NDF : 3614.0/12

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: 0.127 $\pm$ 0.019 χ^2 /NDF: 619.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

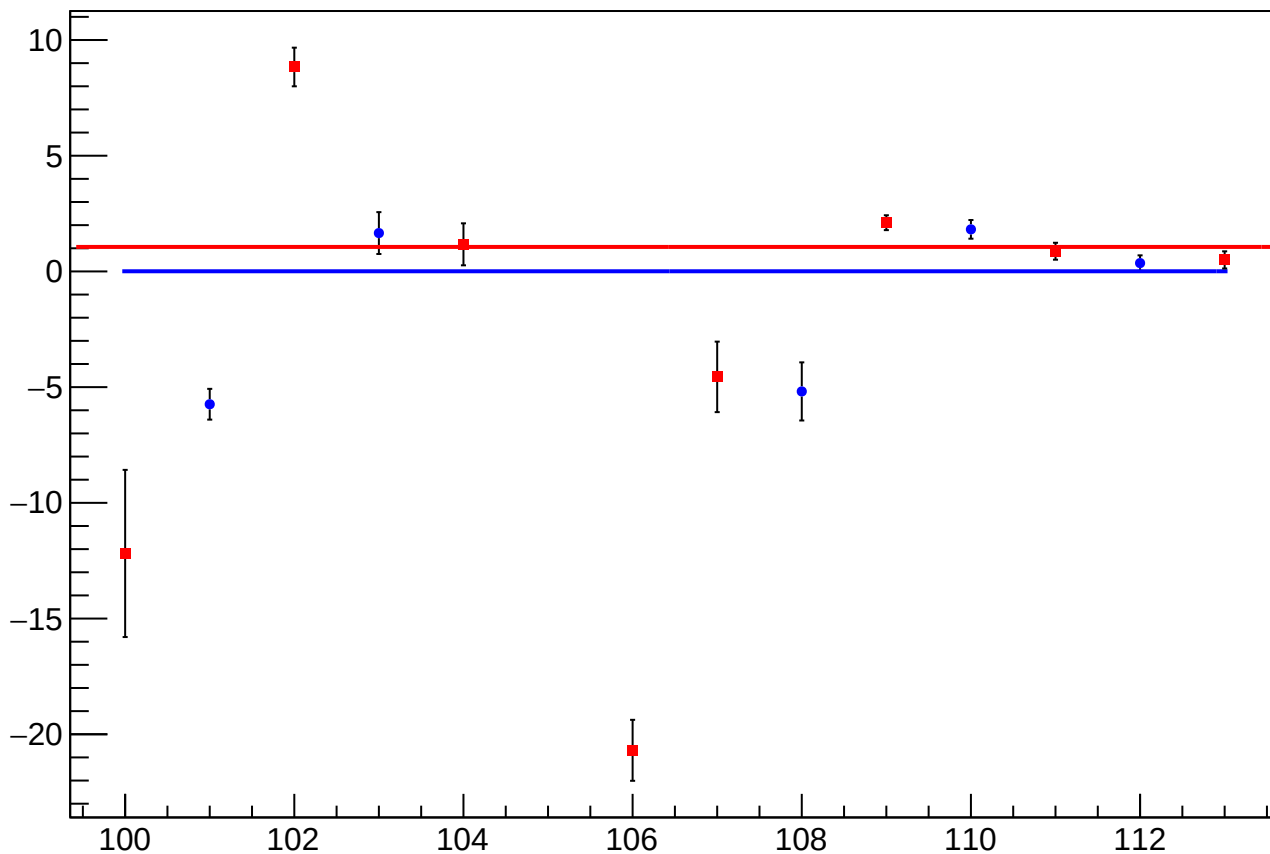
Right: 0.044 $\pm$ 0.014 χ^2 /NDF: 1044.6/12

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: 0.044 $\pm$ 0.014 χ^2 /NDF: 1044.6/12

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: 1.059 $\pm$ 0.188 χ^2 /NDF: 399.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

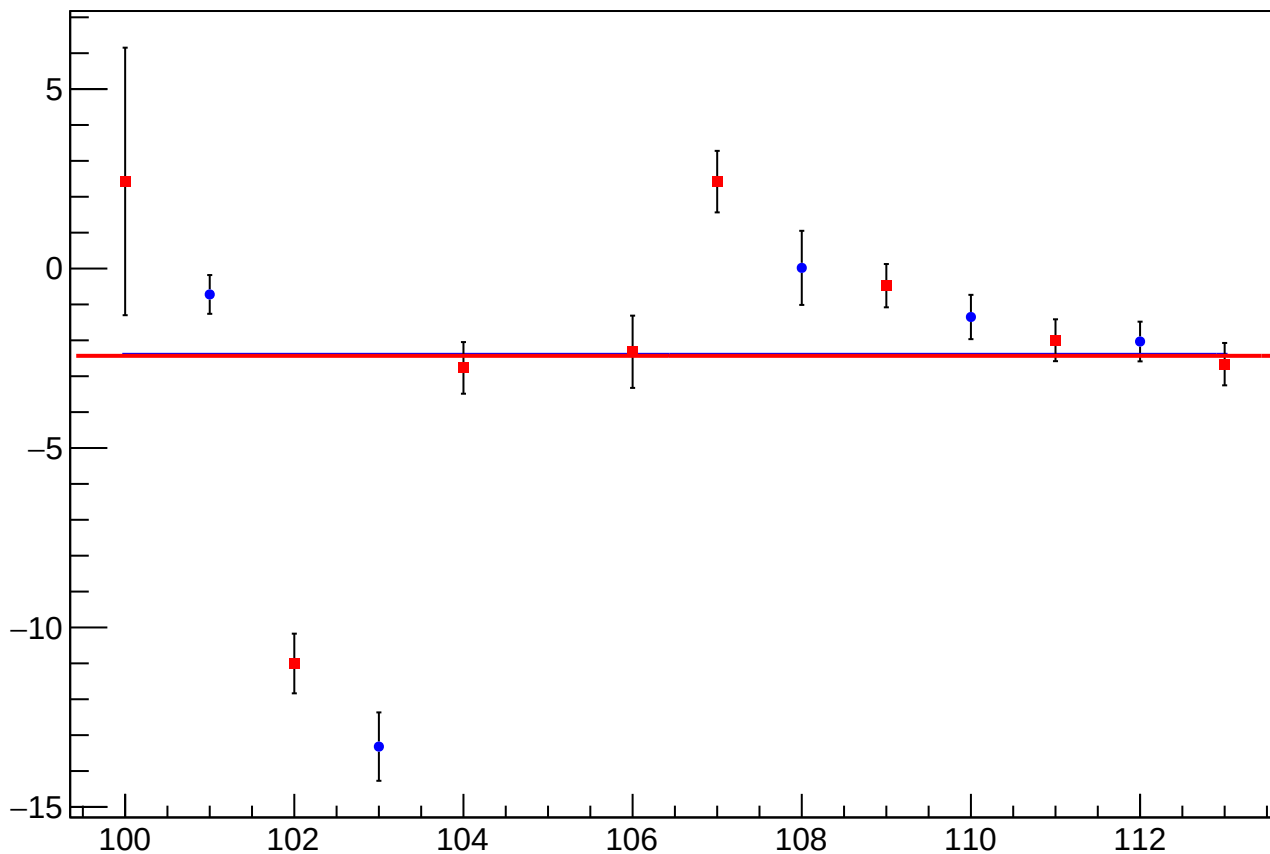
Right: 0.633 $\pm$ 0.145 χ^2 /NDF: 528.6/12

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: 0.633 $\pm$ 0.145 χ^2 /NDF: 528.6/12

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: -2.432 $\pm$ 0.264 χ^2 /NDF: 151.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

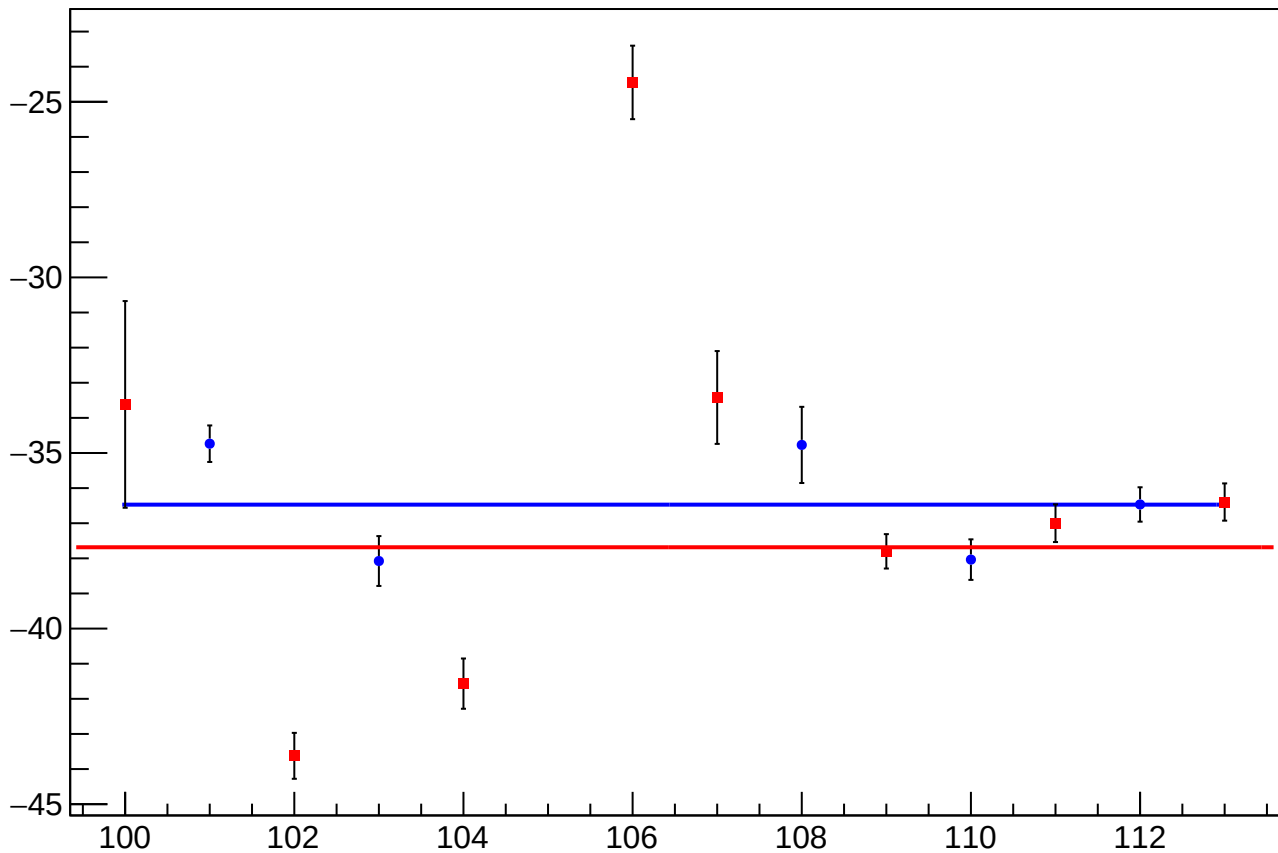
Right: -2.420 $\pm$ 0.197 χ^2 /NDF: 301.4/12

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: -2.420 $\pm$ 0.197 χ^2 /NDF: 301.4/12

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: -37.684+/-0.242 χ^2/NDF : 291.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

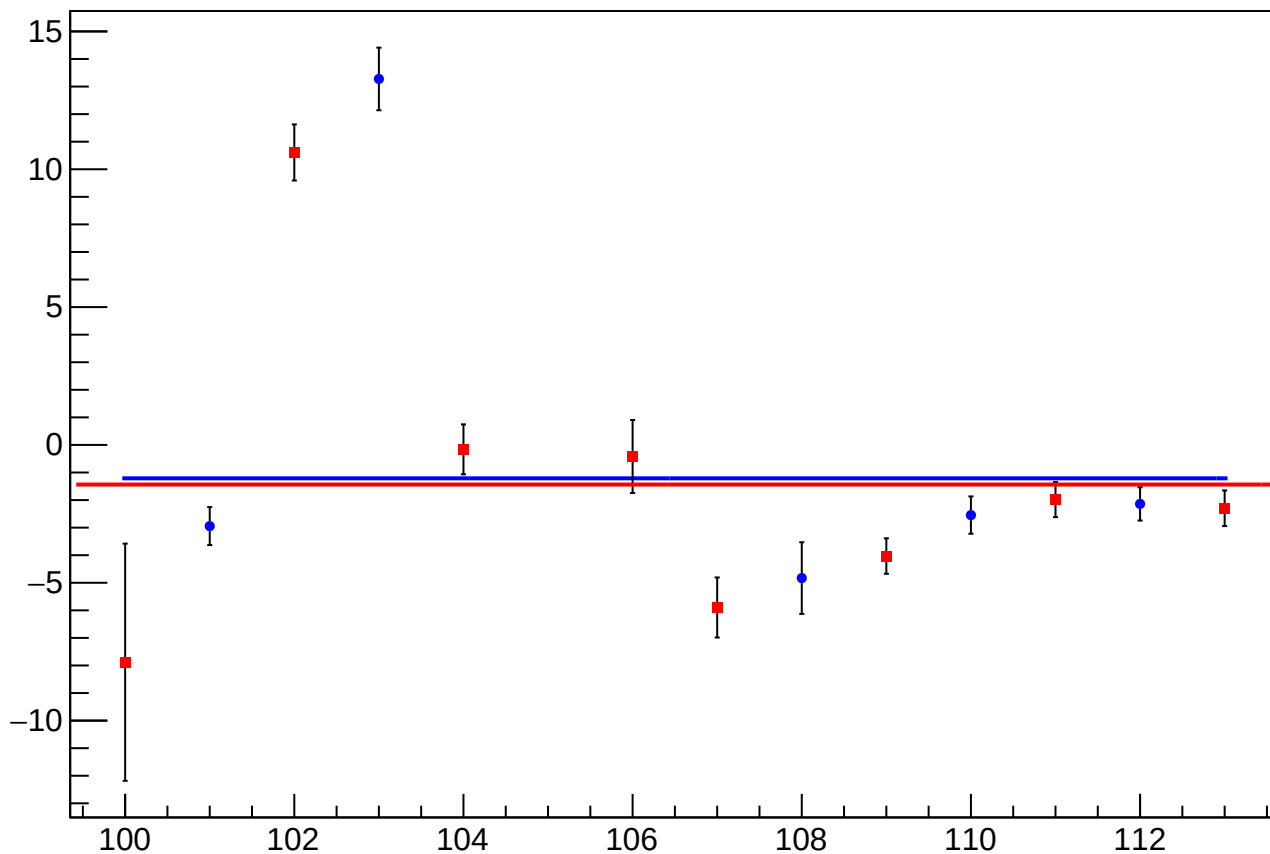
Right: -37.144+/-0.180 χ^2/NDF : 329.1/12

In: -36.471+/-0.270 χ^2/NDF : 26.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.144+/-0.180 χ^2/NDF : 329.1/12

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: -1.437+/-0.302 χ^2/NDF : 180.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

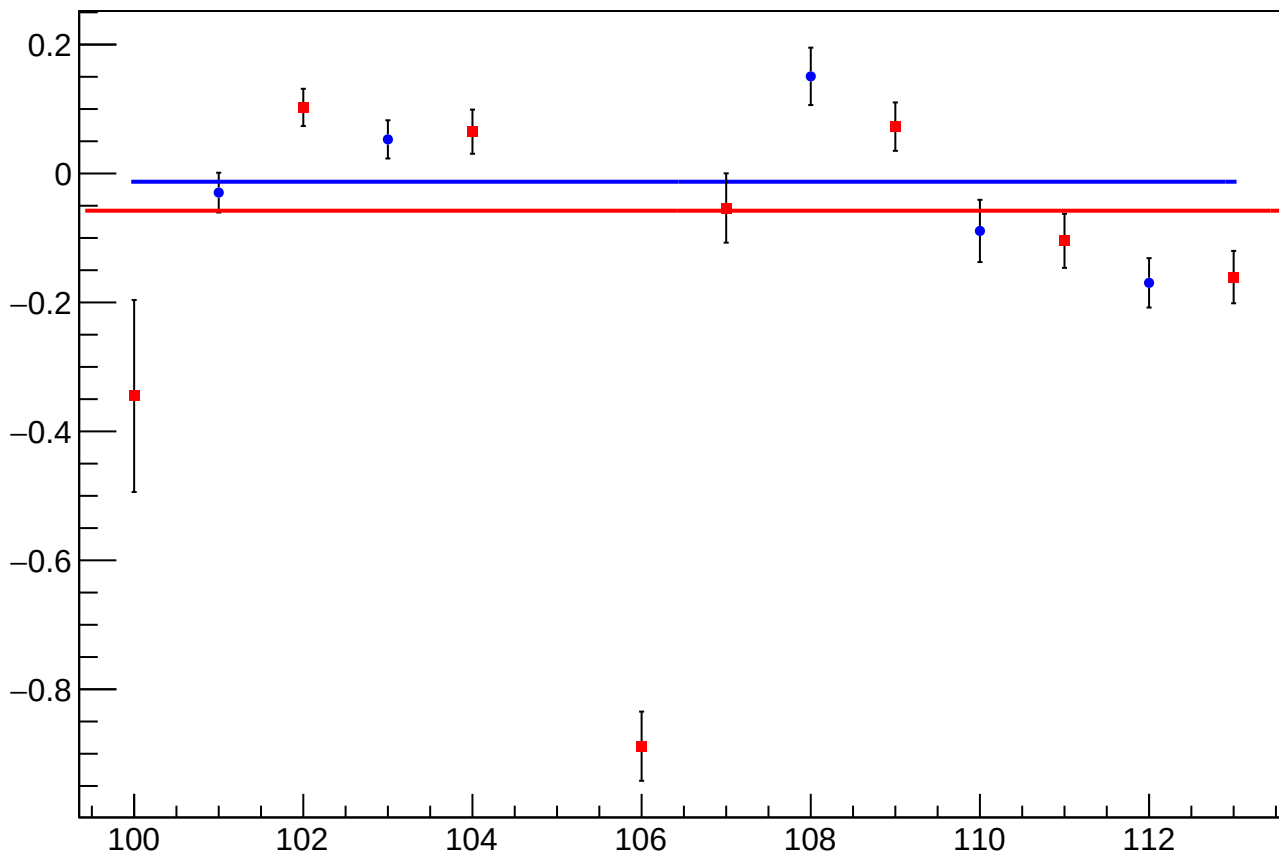
Right: -1.339+/-0.227 χ^2/NDF : 364.1/12

In: -1.211+/-0.345 χ^2/NDF : 183.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.339+/-0.227 χ^2/NDF : 364.1/12

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: -0.058+/-0.015 χ^2/NDF : 306.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

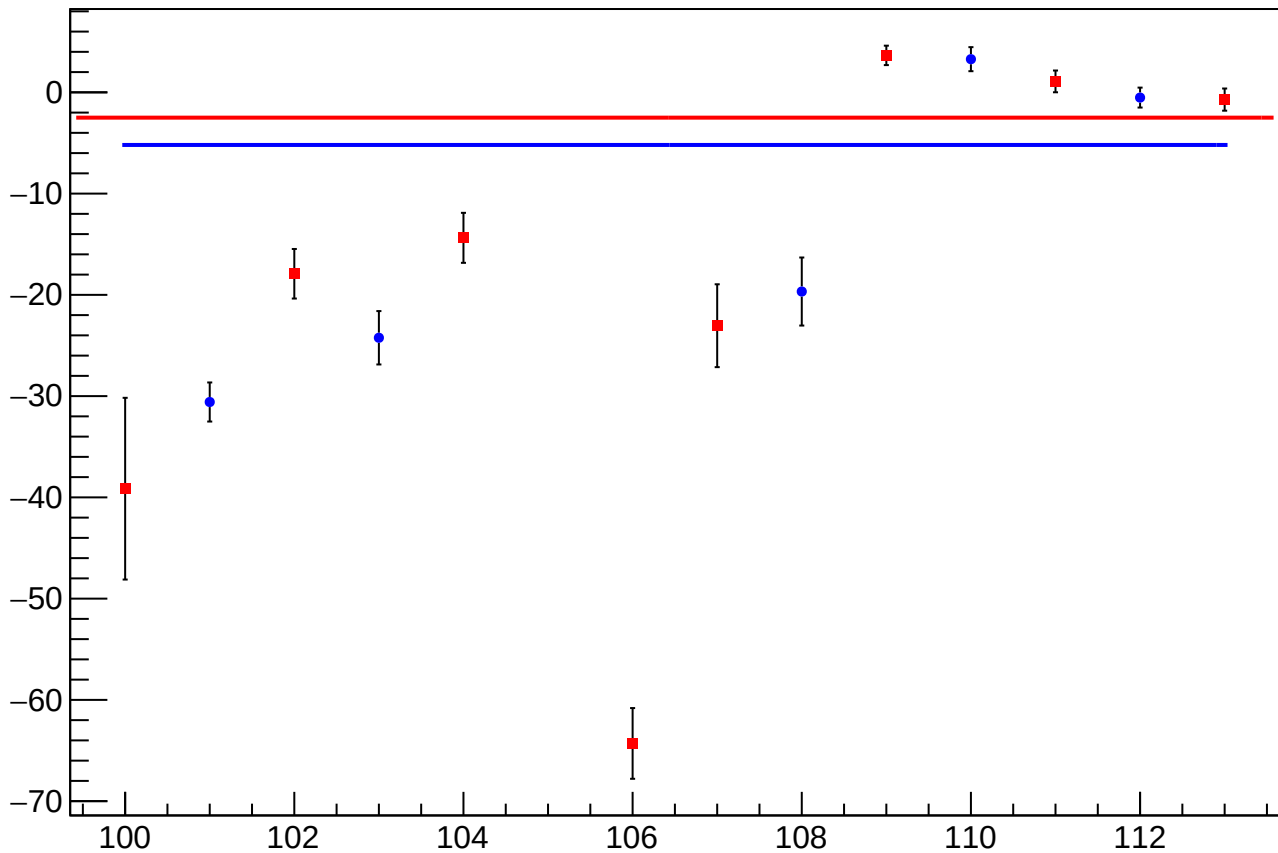
Right: -0.038+/-0.011 χ^2/NDF : 348.7/12

In: -0.013+/-0.016 χ^2/NDF : 38.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.038+/-0.011 χ^2/NDF : 348.7/12

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: -2.499+/-0.553 χ^2/NDF : 472.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

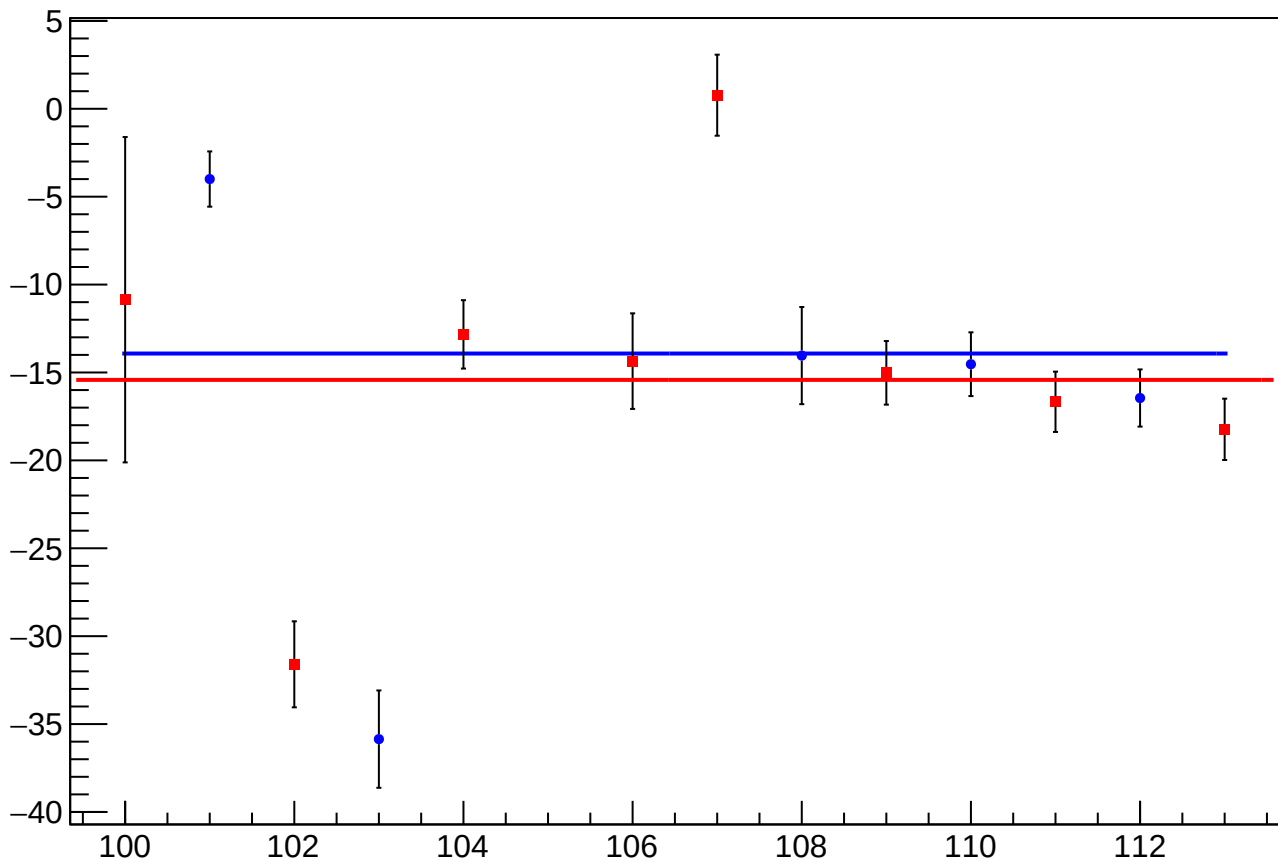
Right: -3.596+/-0.426 χ^2/NDF : 799.6/12

In: -5.196+/-0.668 χ^2/NDF : 317.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.596+/-0.426 χ^2/NDF : 799.6/12

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: -15.421 $\pm$ 0.758 χ^2 /NDF: 98.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

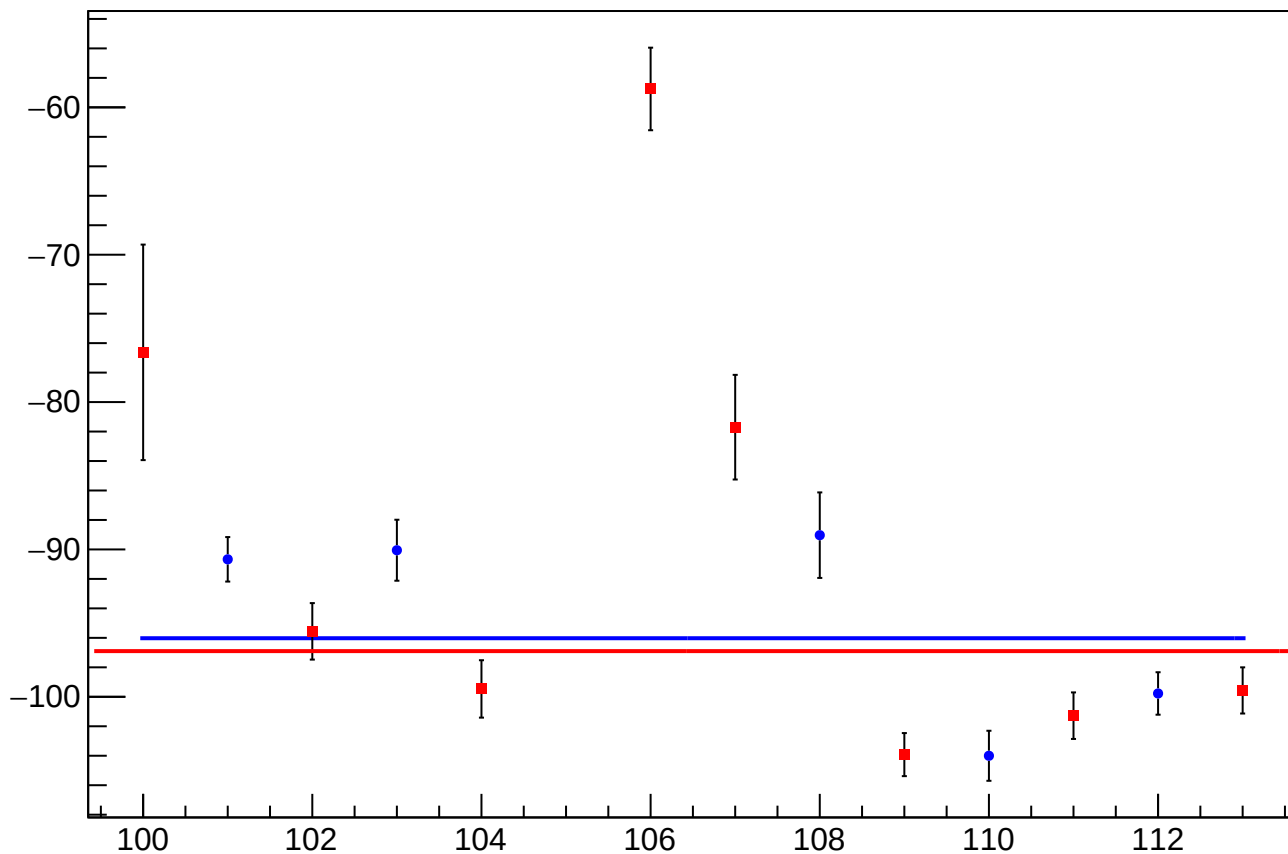
Right: -14.767 $\pm$ 0.569 χ^2 /NDF: 205.3/12

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: -14.767 $\pm$ 0.569 χ^2 /NDF: 205.3/12

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: -96.899 $\pm$ 0.701 χ^2 /NDF: 247.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

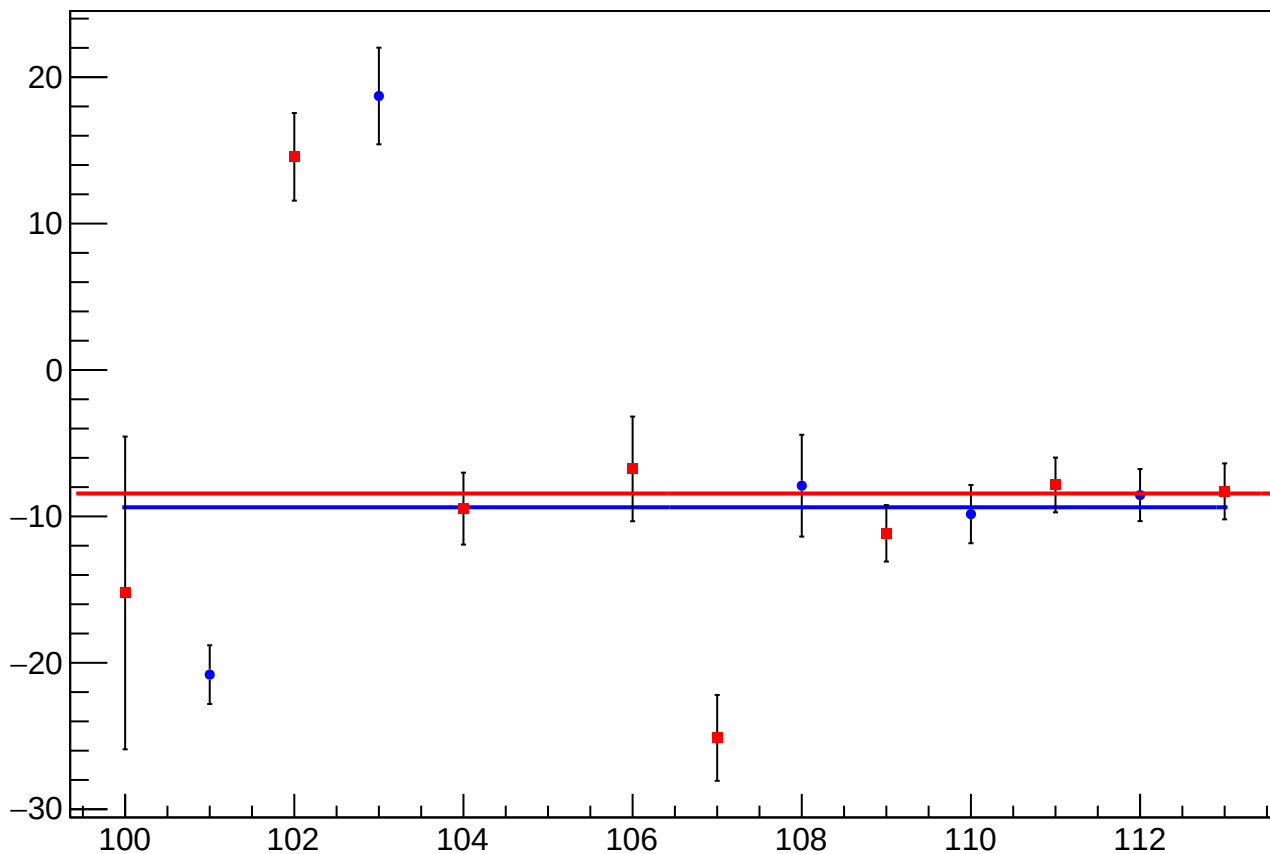
Right: -96.512 $\pm$ 0.523 χ^2 /NDF: 303.6/12

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: -96.512 $\pm$ 0.523 χ^2 /NDF: 303.6/12

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: -8.433 ± 0.874 χ^2/NDF : 94.4/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

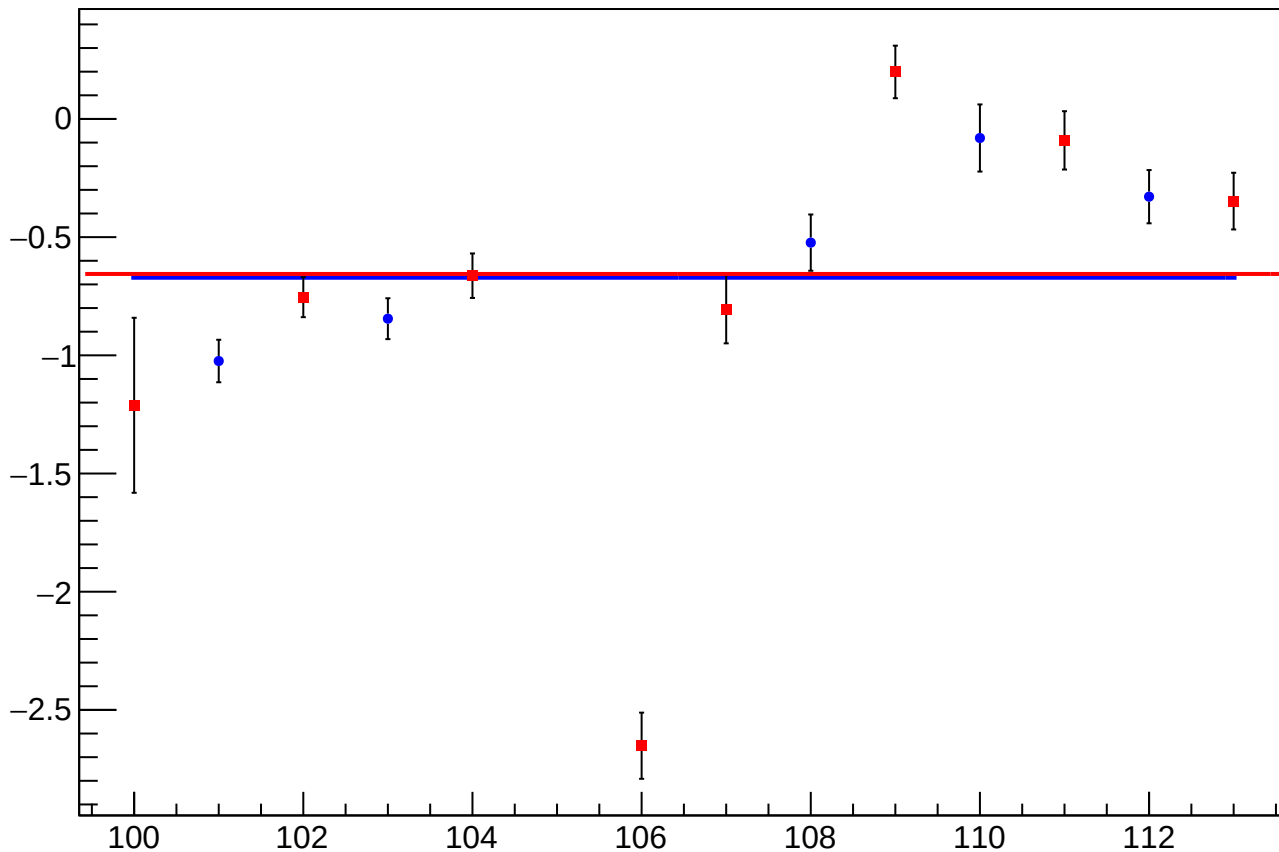
Right: -8.840 ± 0.659 χ^2/NDF : 200.3/12

In: -9.377 ± 1.004 χ^2/NDF : 105.4/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.840 ± 0.659 χ^2/NDF : 200.3/12

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.672+/-0.047 χ^2/NDF : 47.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.656+/-0.042 χ^2/NDF : 294.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

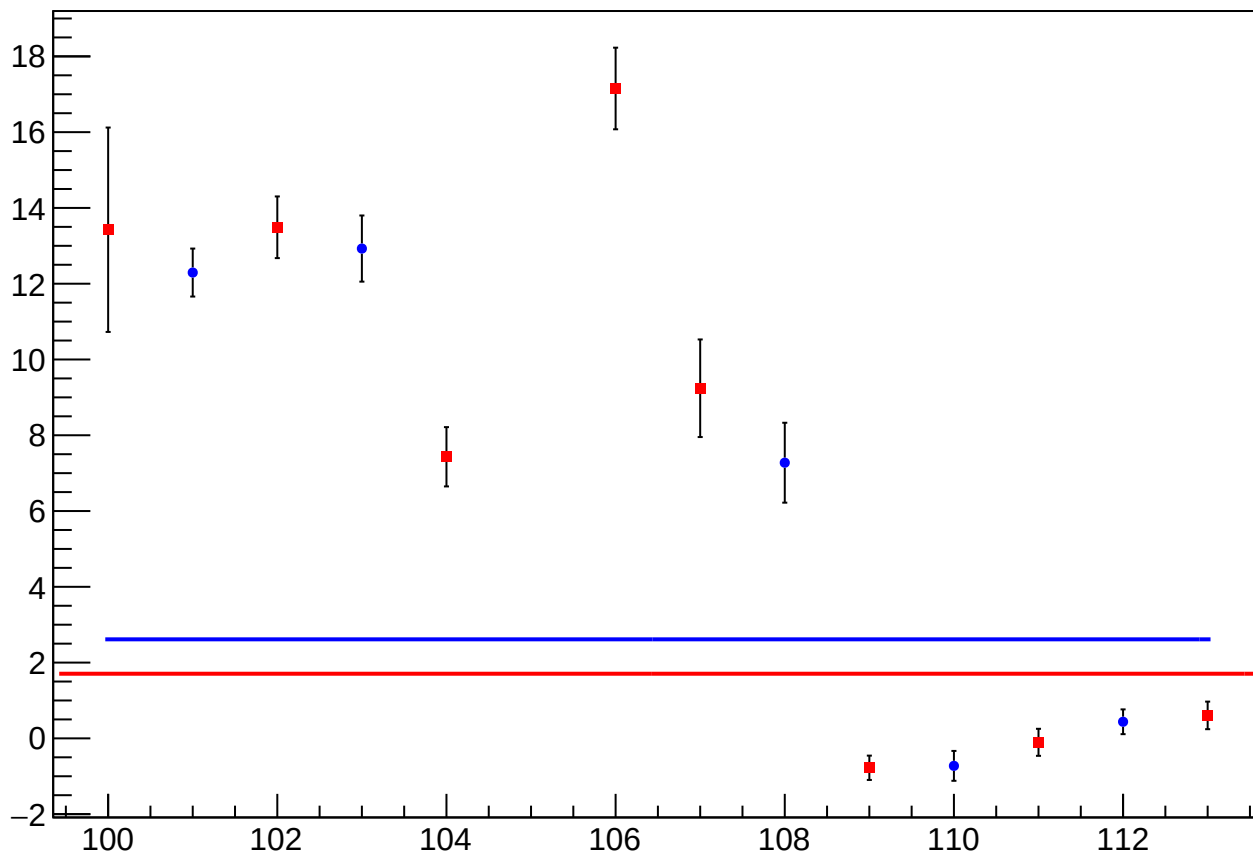
Right: -0.663+/-0.031 χ^2/NDF : 342.3/12

In: -0.672+/-0.047 χ^2/NDF : 47.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.663+/-0.031 χ^2/NDF : 342.3/12

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: 1.706 $\pm$ 0.183 χ^2 /NDF: 616.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

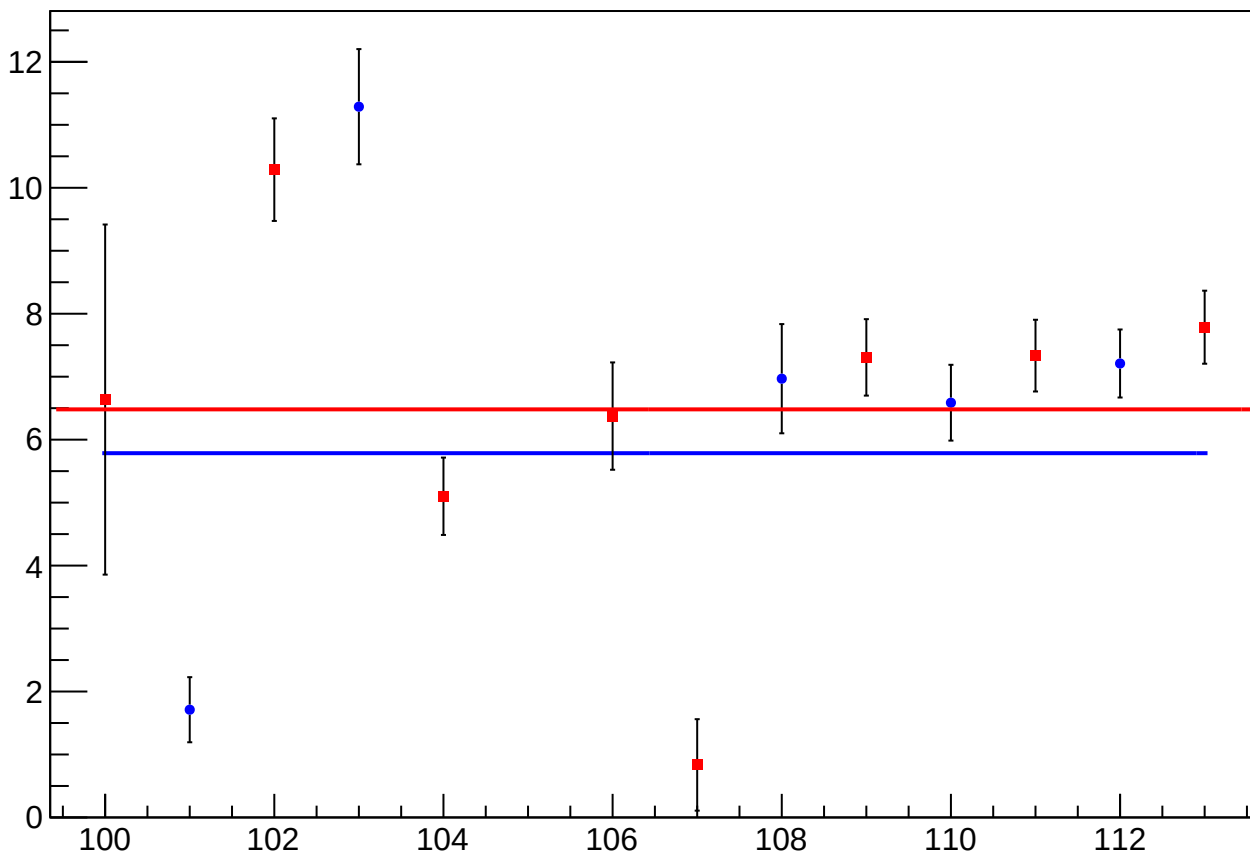
Right: 2.076 $\pm$ 0.141 χ^2 /NDF: 1135.6/12

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: 2.076 $\pm$ 0.141 χ^2 /NDF: 1135.6/12

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: 6.481+/-0.247 χ^2/NDF : 96.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

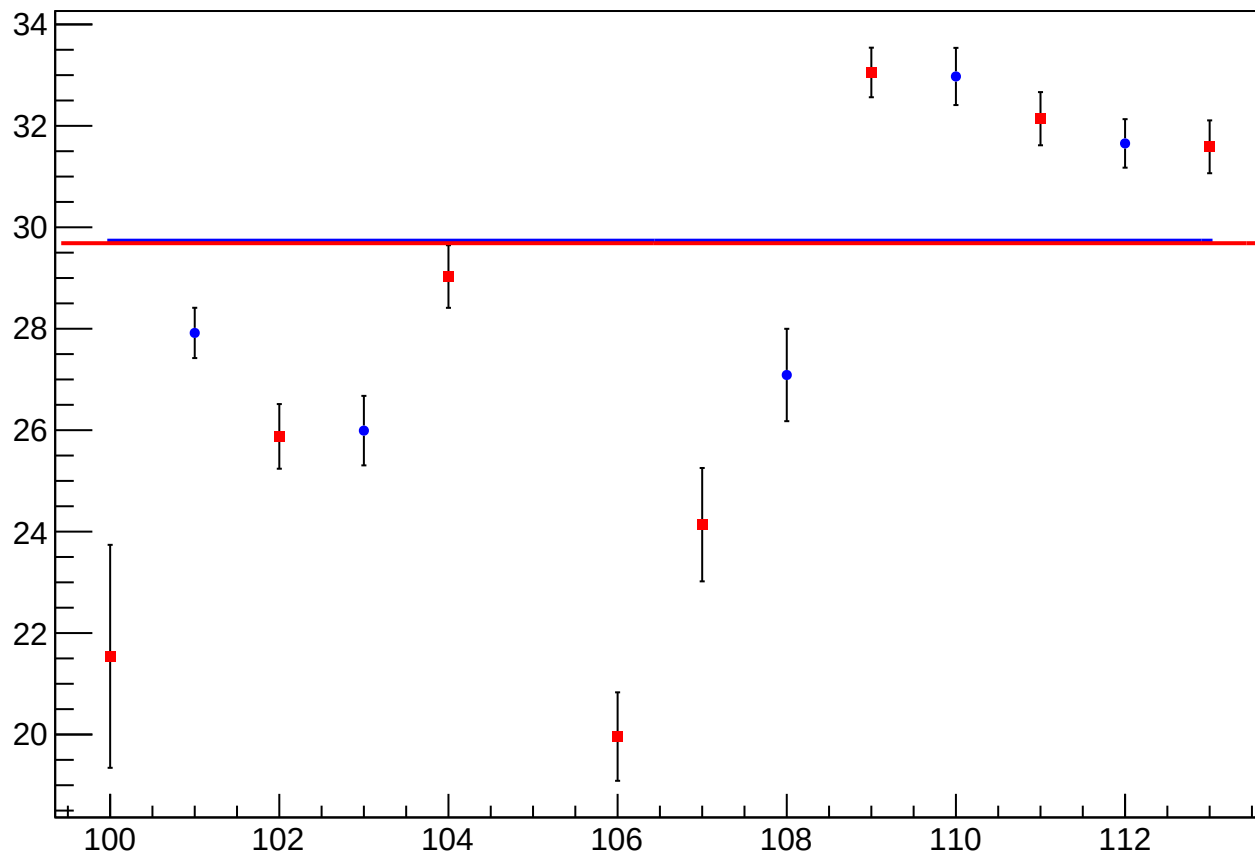
Right: 6.180+/-0.186 χ^2/NDF : 208.8/12

In: 5.785+/-0.283 χ^2/NDF : 108.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.180+/-0.186 χ^2/NDF : 208.8/12

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.736 $\pm$ 0.259 χ^2 /NDF: 100.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 29.686 $\pm$ 0.230 χ^2 /NDF: 282.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

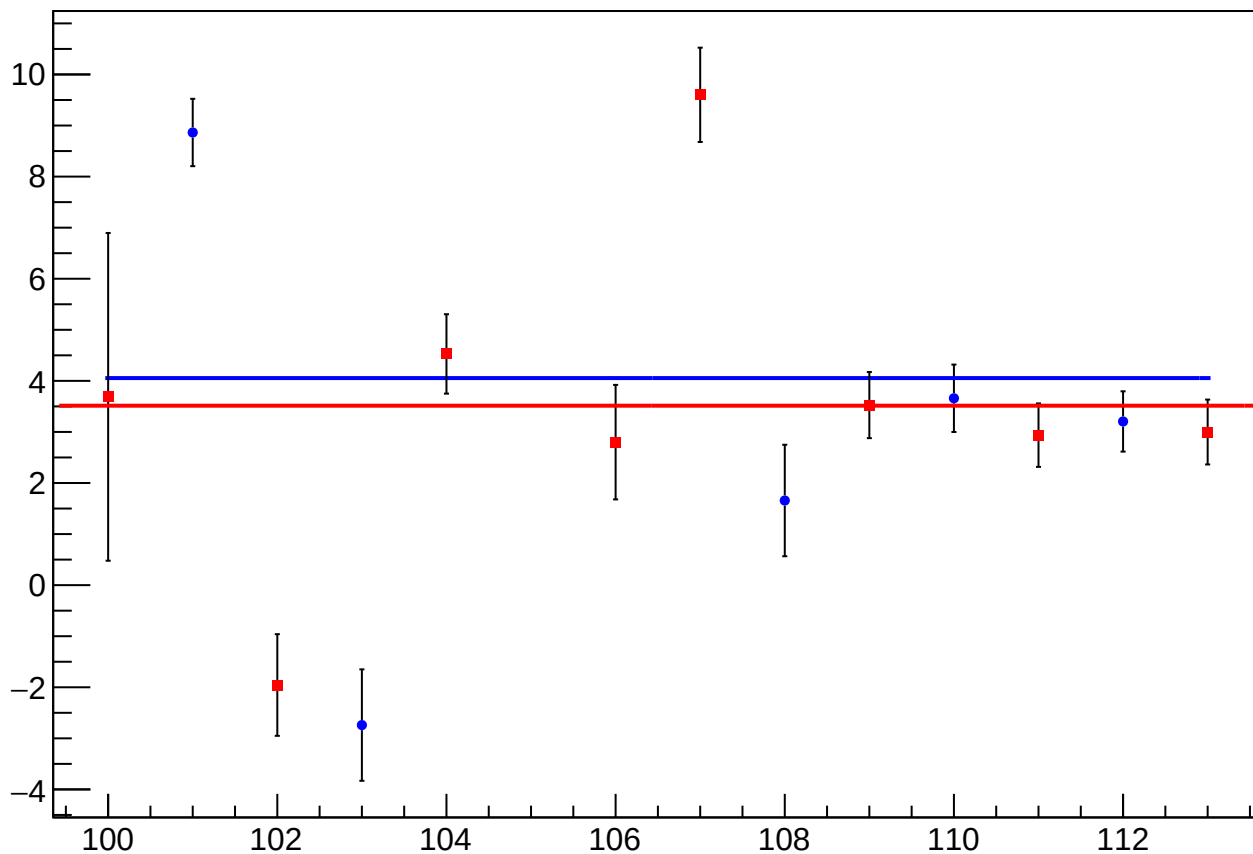
Right: 29.708 $\pm$ 0.172 χ^2 /NDF: 383.2/12

In: 29.736 $\pm$ 0.259 χ^2 /NDF:100.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 29.708 $\pm$ 0.172 χ^2 /NDF: 383.2/12

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: 3.514+/-0.286 χ^2/NDF : 77.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

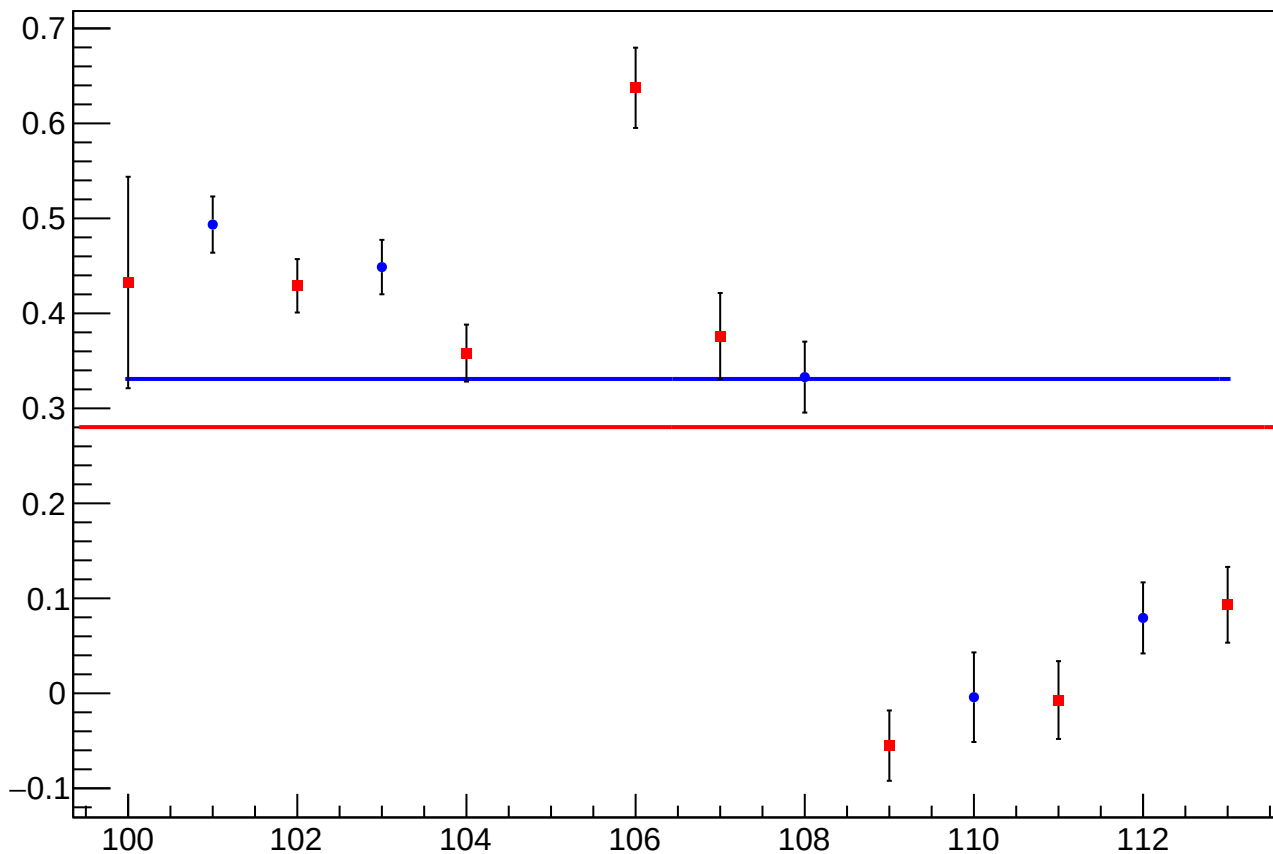
Right: 3.746+/-0.217 χ^2/NDF : 178.0/12

In: 4.055+/-0.331 χ^2/NDF : 99.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.746+/-0.217 χ^2/NDF : 178.0/12

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: 0.280+/-0.014 χ^2/NDF : 265.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

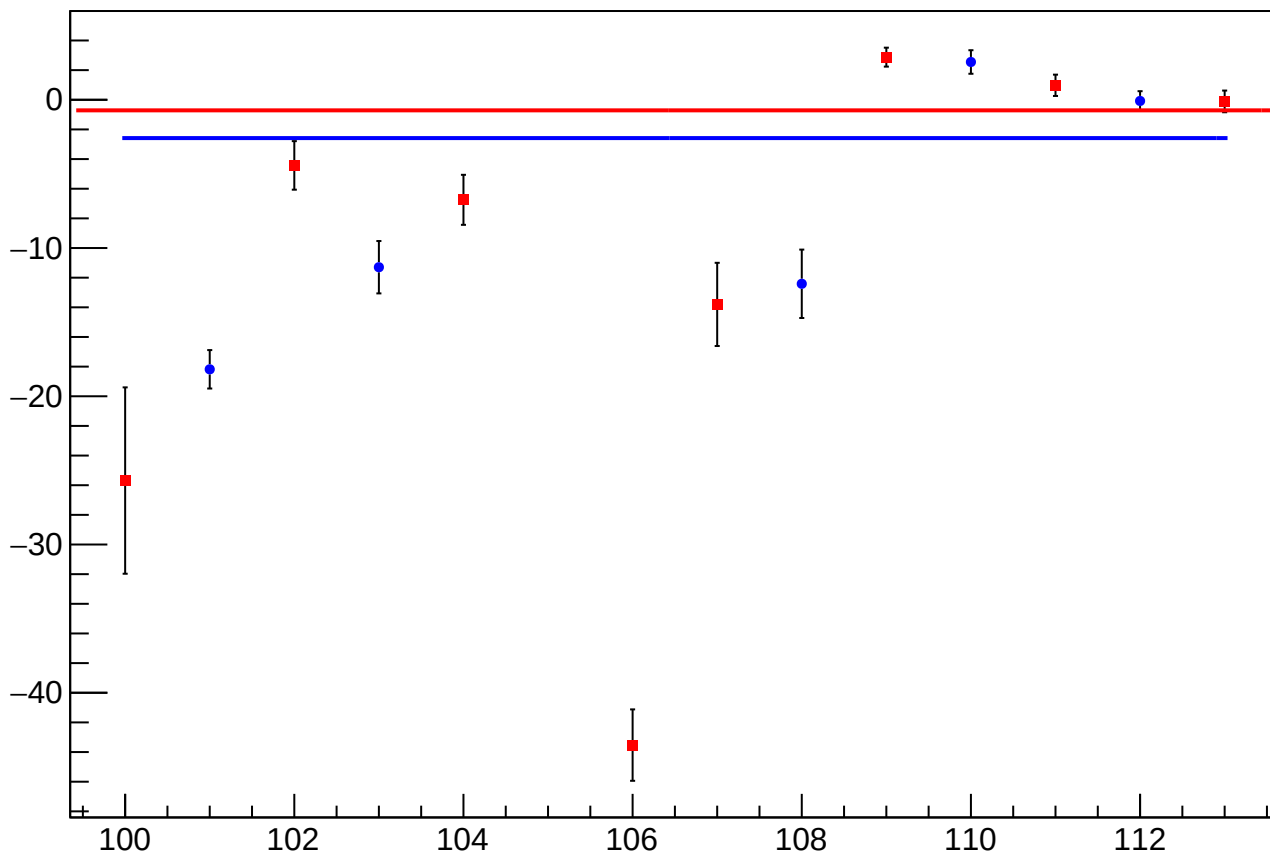
Right: 0.302+/-0.010 χ^2/NDF : 414.7/12

In: 0.331+/-0.015 χ^2/NDF : 142.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.302+/-0.010 χ^2/NDF : 414.7/12

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: -0.713+/-0.370 χ^2/NDF : 409.3/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

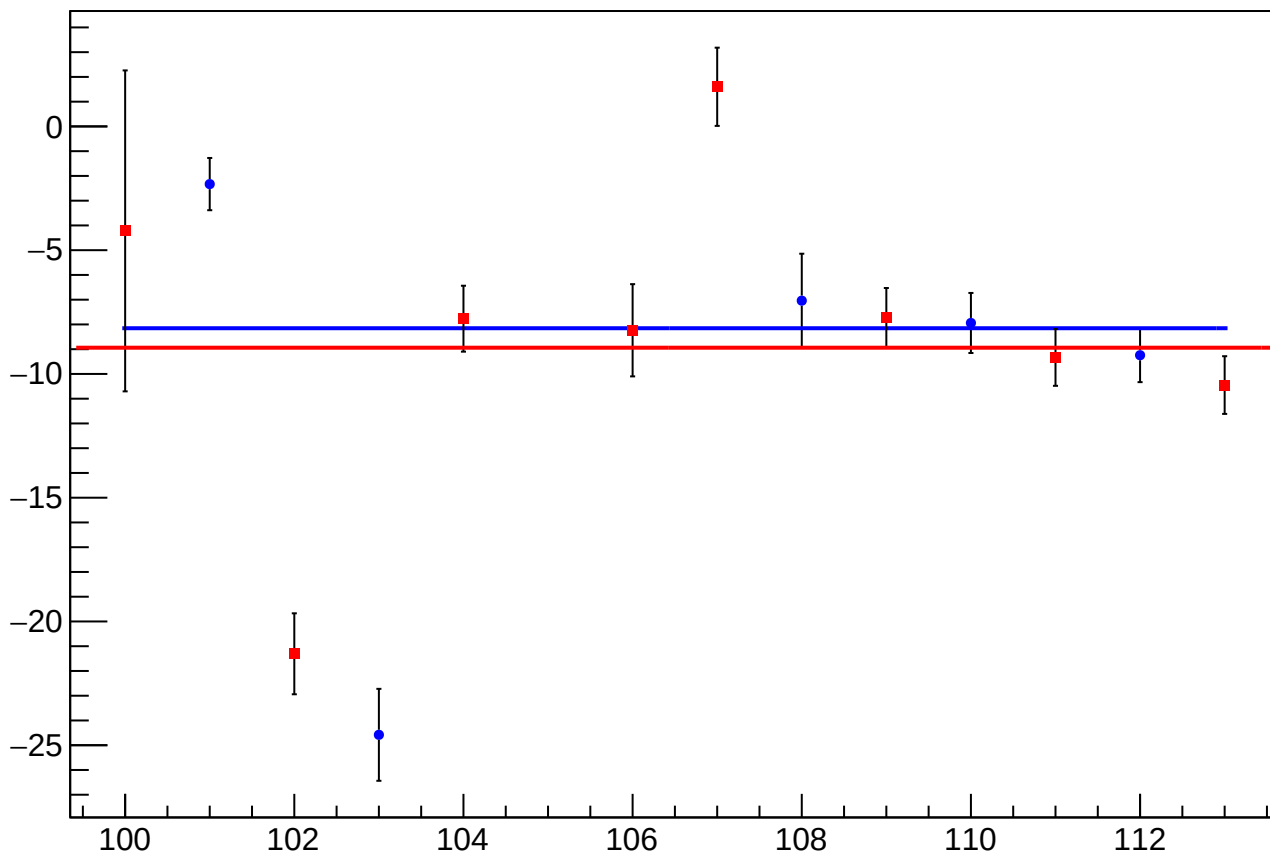
Right: -1.473+/-0.285 χ^2/NDF : 663.1/12

In: -2.584+/-0.447 χ^2/NDF :243.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.473+/-0.285 χ^2/NDF : 663.1/12

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: -8.940 $\pm$ 0.511 χ^2 /NDF: 105.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

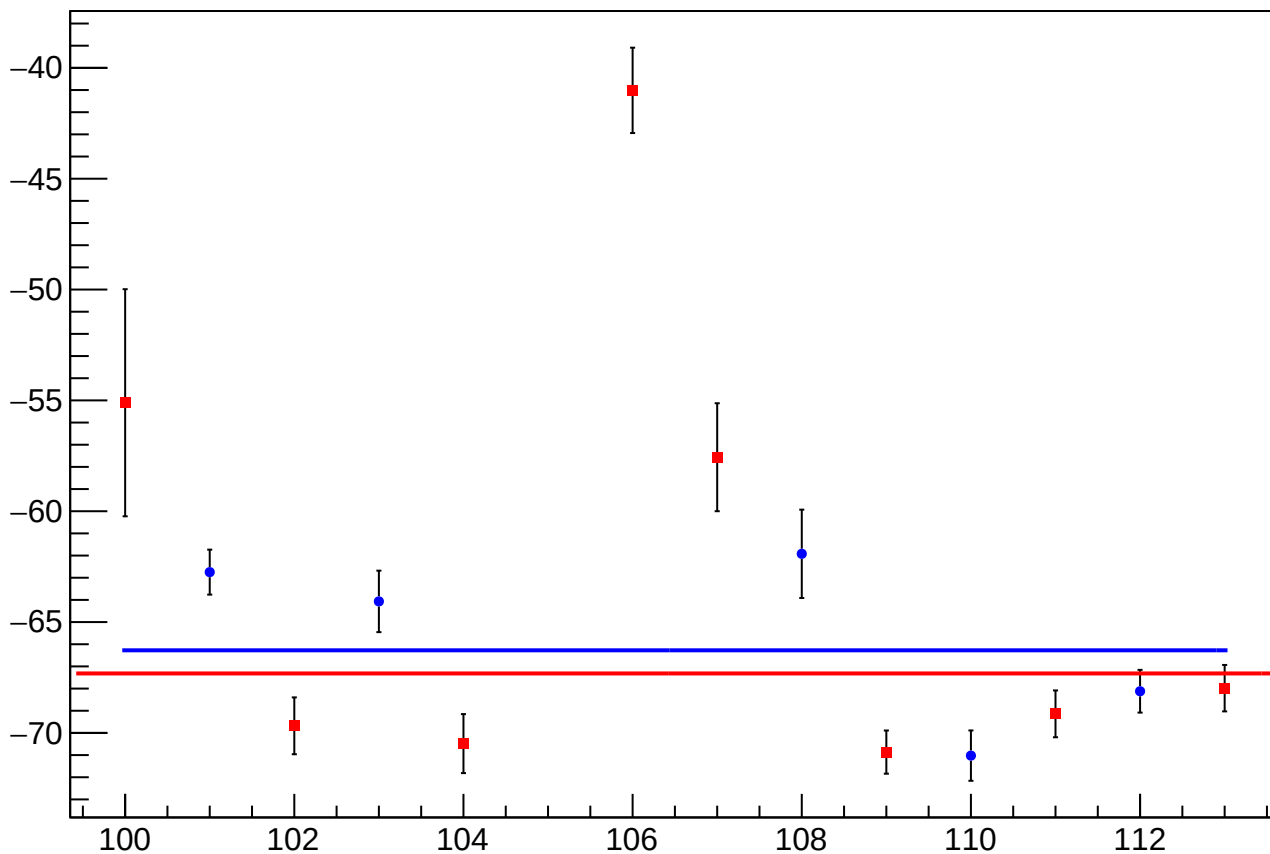
Right: -8.595 $\pm$ 0.383 χ^2 /NDF: 217.0/12

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: -8.595 $\pm$ 0.383 χ^2 /NDF: 217.0/12

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: -67.317 $\pm$ 0.471 χ^2 /NDF: 234.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

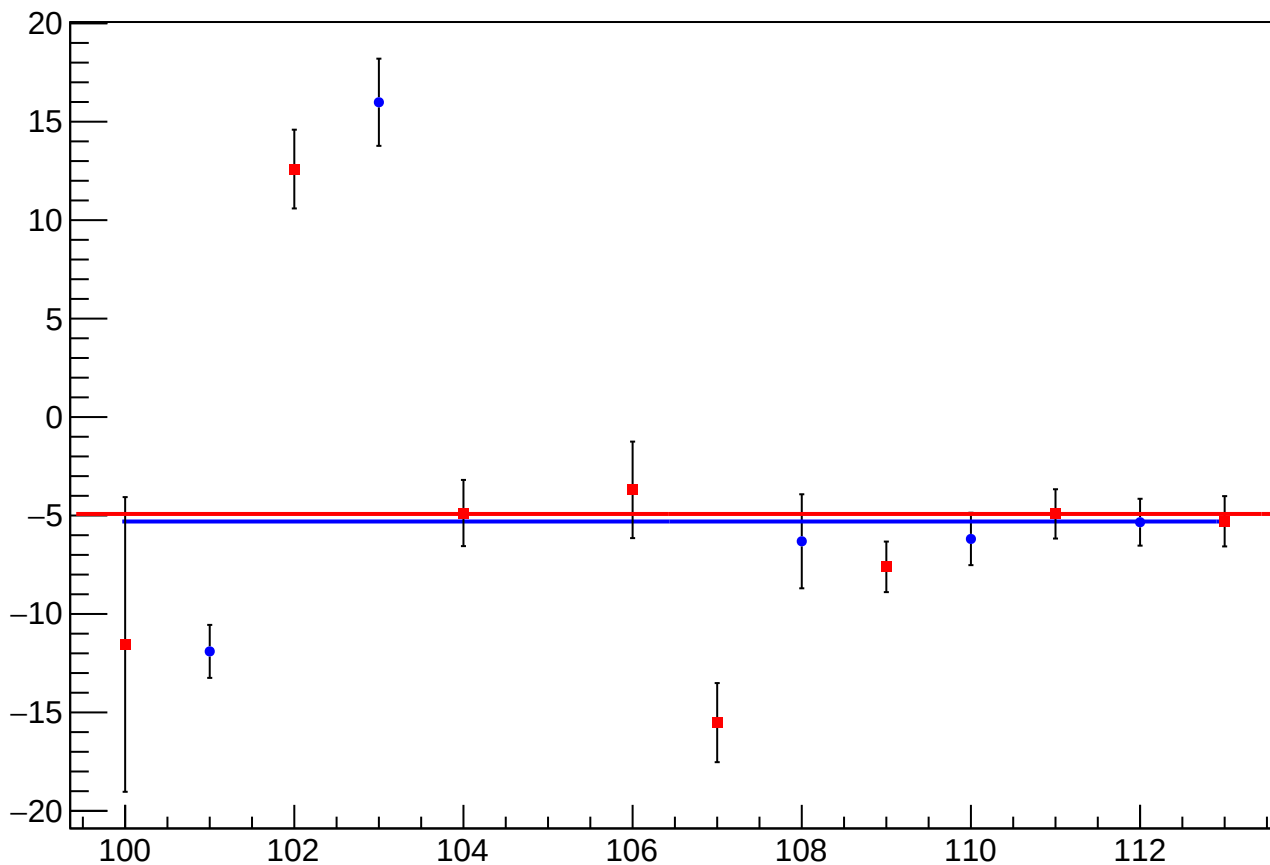
Right: -66.854 $\pm$ 0.351 χ^2 /NDF: 276.7/12

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: -66.854 $\pm$ 0.351 χ^2 /NDF: 276.7/12

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.304 $\pm$ 0.674 χ^2 /NDF: 117.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -4.921 $\pm$ 0.588 χ^2 /NDF: 110.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

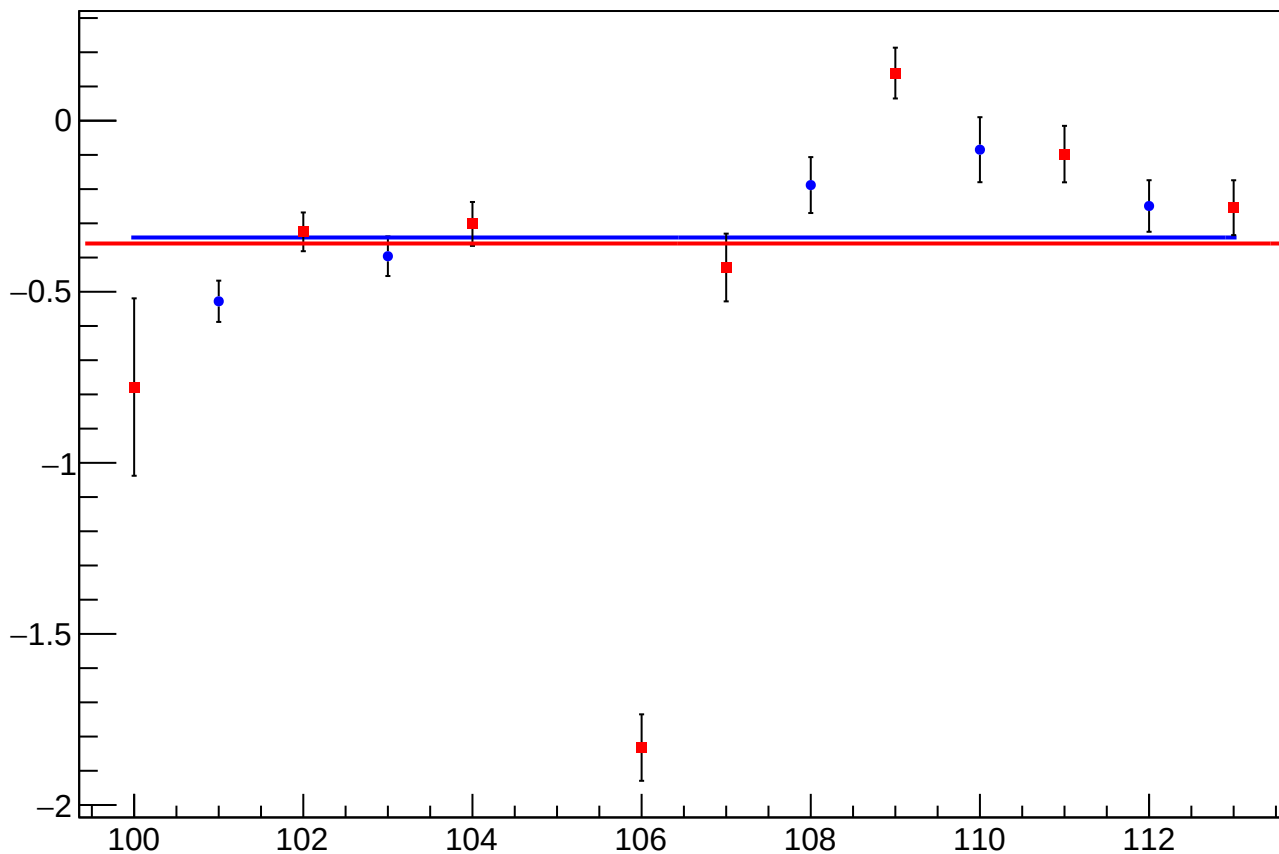
Right: -5.087 $\pm$ 0.443 χ^2 /NDF: 227.4/12

In: -5.304 $\pm$ 0.674 χ^2 /NDF:117.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.087 $\pm$ 0.443 χ^2 /NDF: 227.4/12

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.341 $\pm$ 0.031 χ^2 /NDF: 22.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.359 $\pm$ 0.028 χ^2 /NDF: 291.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

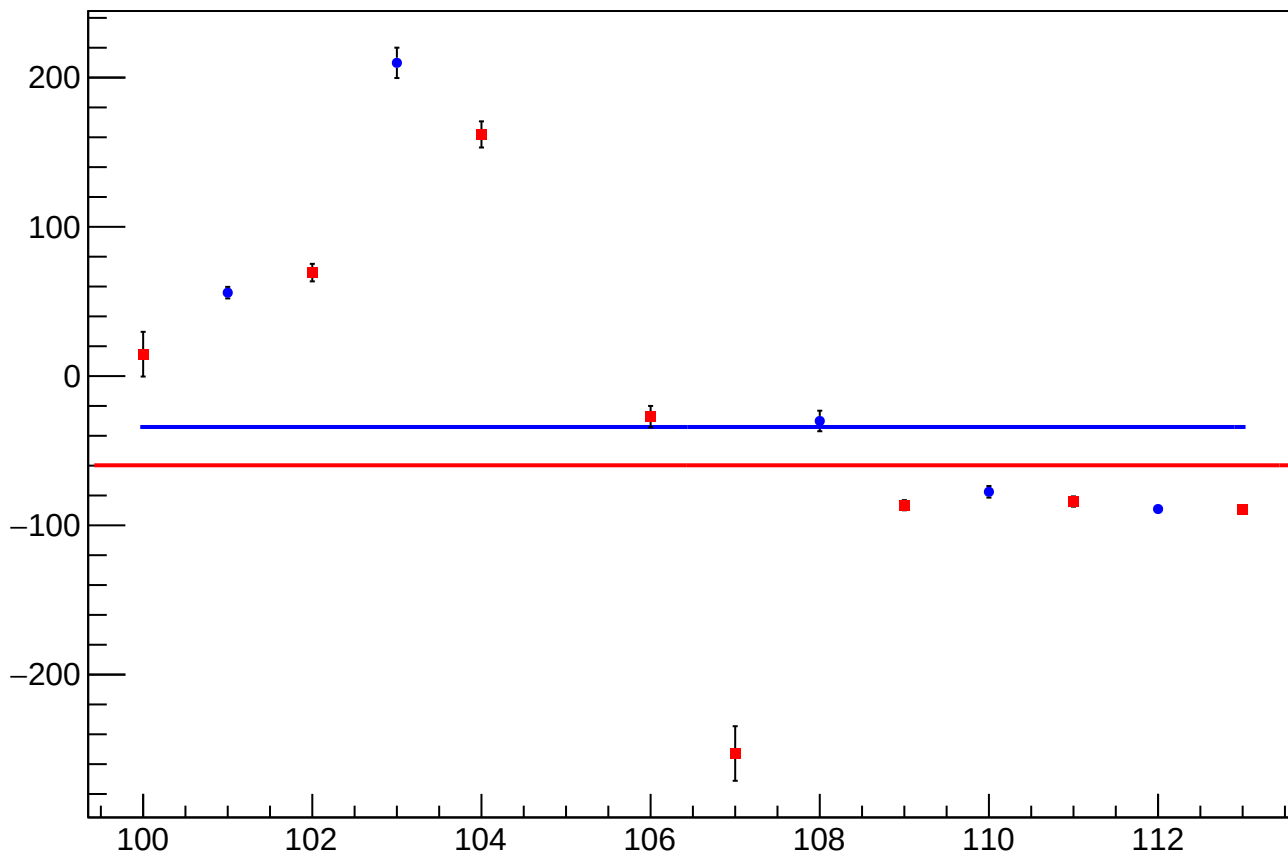
Right: -0.351 $\pm$ 0.021 χ^2 /NDF: 314.0/12

In: -0.341 $\pm$ 0.031 χ^2 /NDF:22.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.351 $\pm$ 0.021 χ^2 /NDF: 314.0/12

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -34.103+/-1.939 χ^2/NDF : 1550.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -59.767+/-1.742 χ^2/NDF : 1472.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

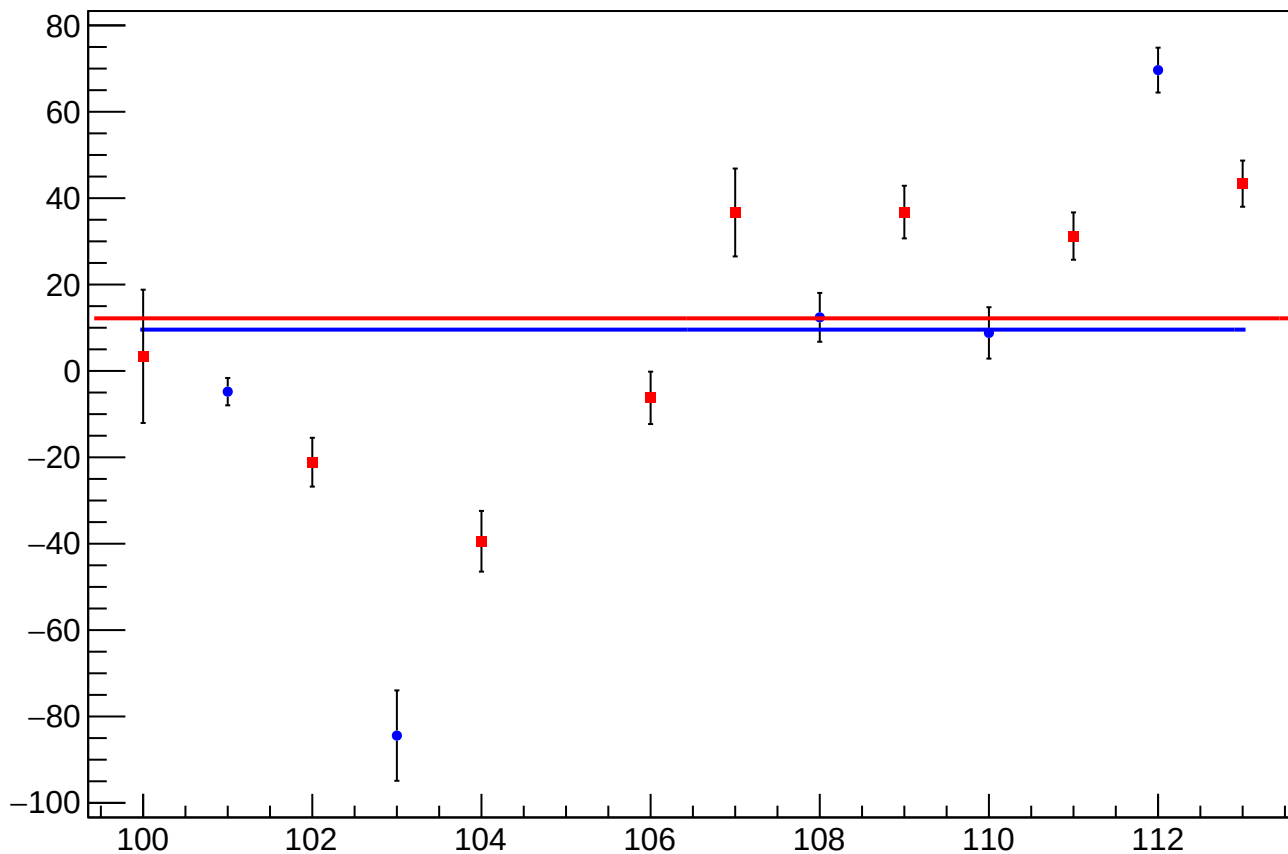
Right: -48.310+/-1.296 χ^2/NDF : 3119.8/12

In: -34.103+/-1.939 χ^2/NDF : 1550.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.310+/-1.296 χ^2/NDF : 3119.8/12

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.565+/-2.205 χ^2/NDF : 235.3/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 12.179+/-2.307 χ^2/NDF : 166.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

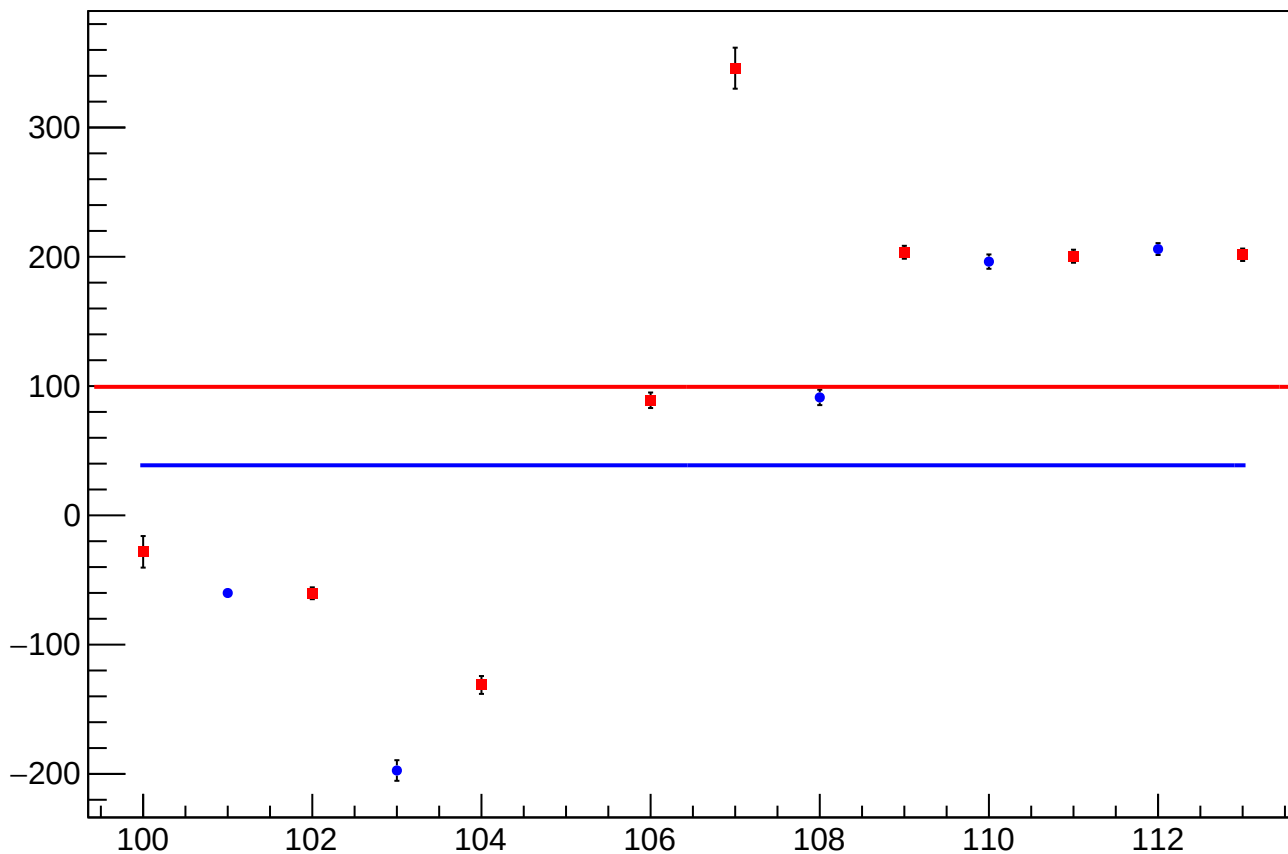
Right: 10.813+/-1.594 χ^2/NDF : 402.4/12

In: 9.565+/-2.205 χ^2/NDF :235.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 10.813+/-1.594 χ^2/NDF : 402.4/12

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 38.715 ± 2.071 $\chi^2/\text{NDF}: 4152.2/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 99.403 ± 2.087 $\chi^2/\text{NDF}: 3965.9/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

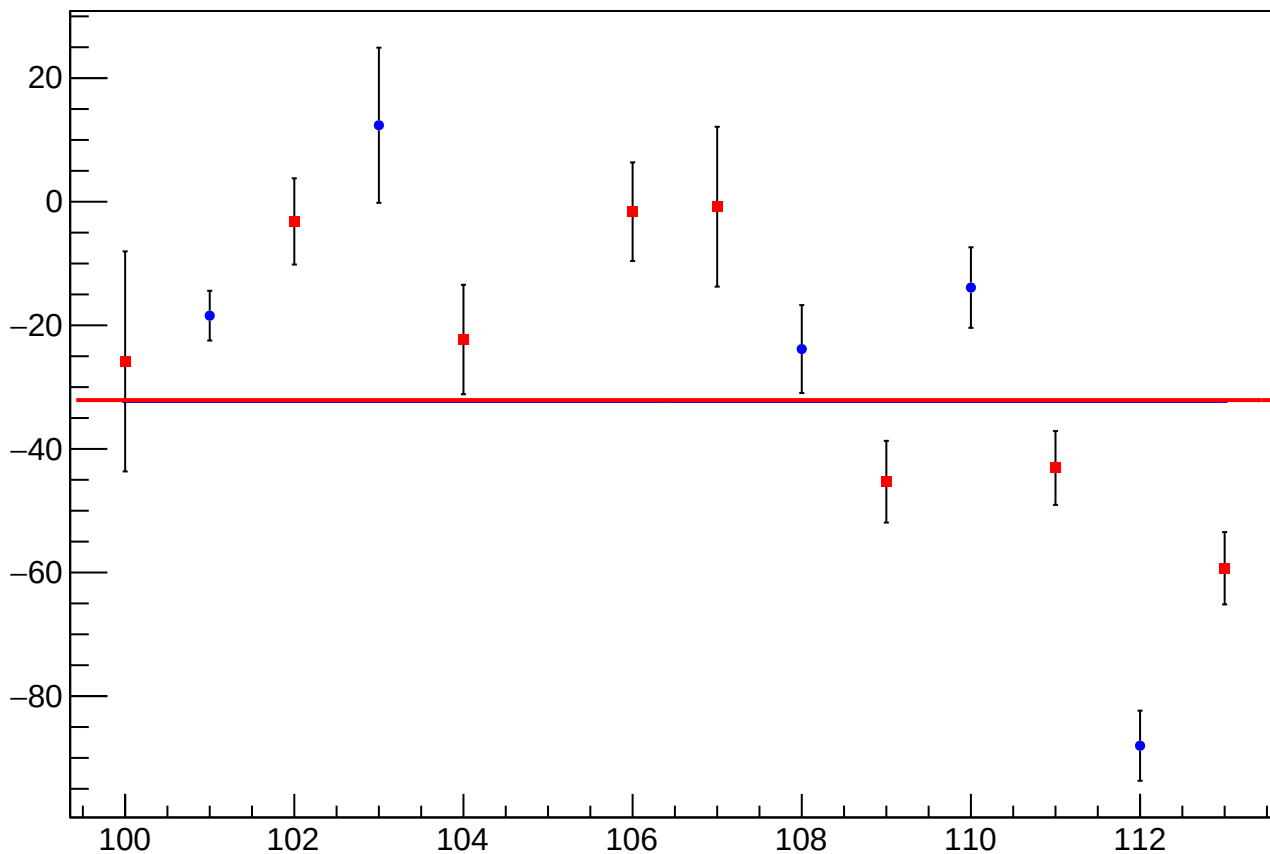
Right: 68.827 ± 1.470 $\chi^2/\text{NDF}: 8544.3/12$

In: 38.715 ± 2.071 $\chi^2/\text{NDF}: 4152.2/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 68.827 ± 1.470 $\chi^2/\text{NDF}: 8544.3/12$

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: -32.100+/-2.689 χ^2/NDF : 68.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

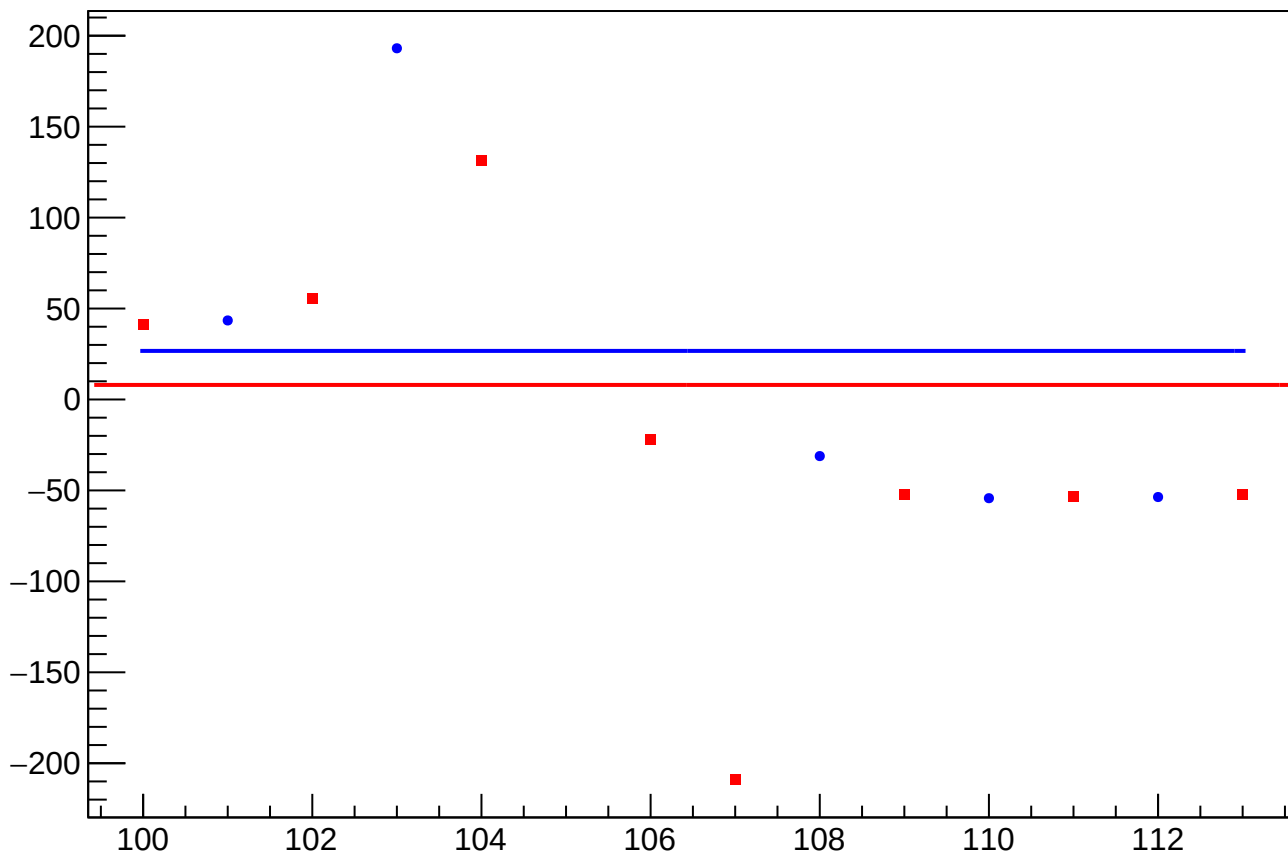
Right: -32.168+/-1.888 χ^2/NDF : 198.3/12

In: -32.235+/-2.650 χ^2/NDF : 130.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.168+/-1.888 χ^2/NDF : 198.3/12

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: 7.999+/-0.117 χ^2/NDF : 397747.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

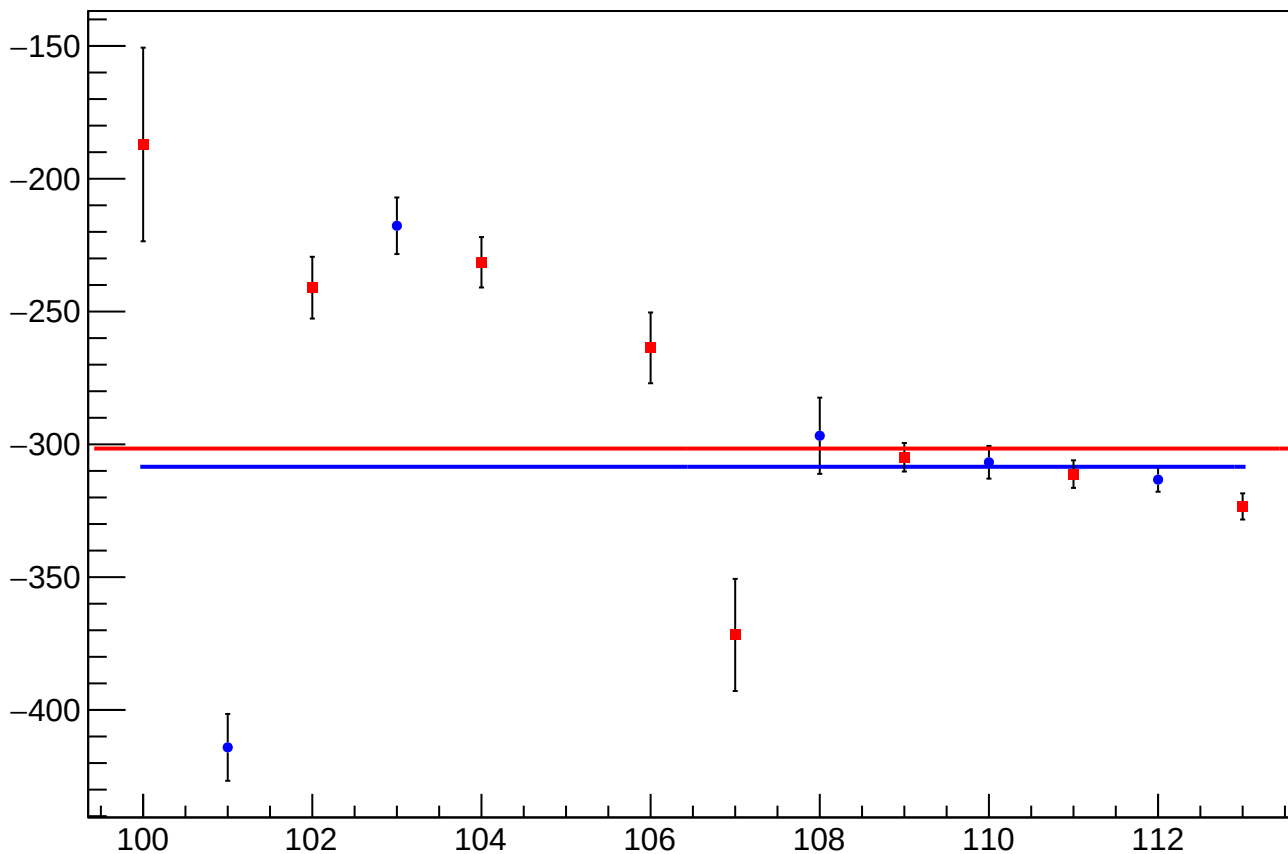
Right: 17.103+/-0.084 χ^2/NDF : 801908.3/12

In: 26.707+/-0.120 χ^2/NDF : 391709.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.103+/-0.084 χ^2/NDF : 801908.3/12

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -308.446 $\pm$ 3.251 χ^2 /NDF: 144.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -301.584 $\pm$ 2.672 χ^2 /NDF: 134.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

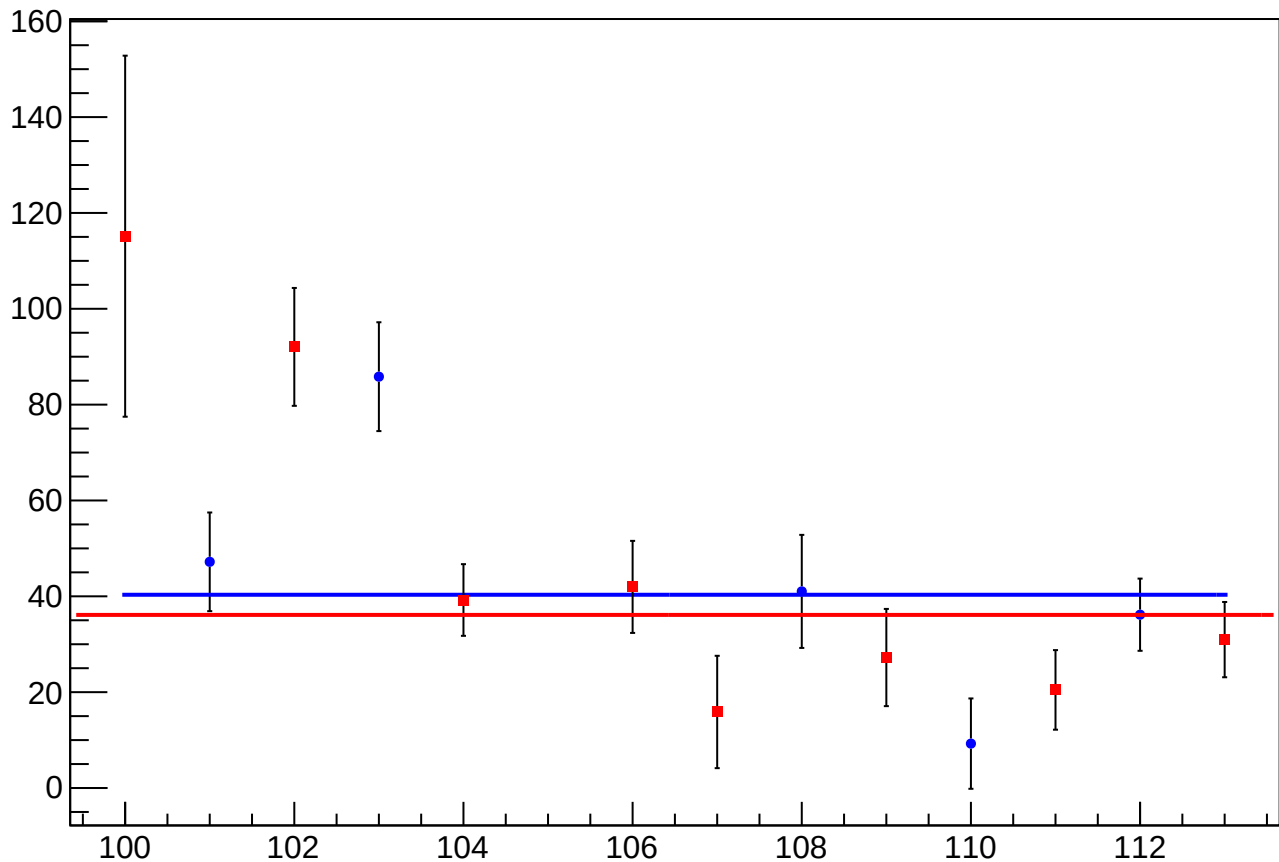
Right: -304.351 $\pm$ 2.064 χ^2 /NDF: 281.7/12

In: -308.446 $\pm$ 3.251 χ^2 /NDF:144.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -304.351 $\pm$ 2.064 χ^2 /NDF: 281.7/12

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: 36.121+/-3.456 χ^2/NDF : 33.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

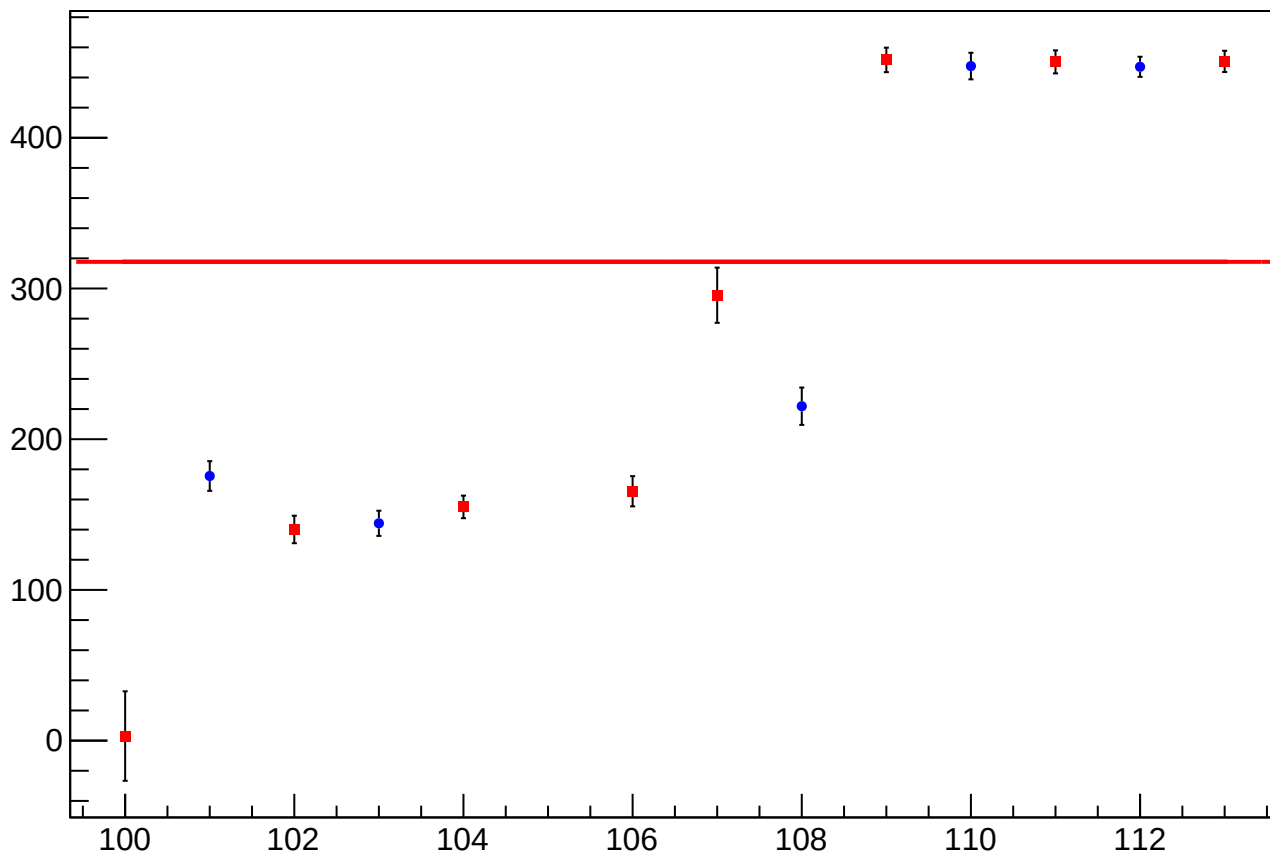
Right: 37.755+/-2.702 χ^2/NDF : 61.6/12

In: 40.325+/-4.333 χ^2/NDF : 27.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.755+/-2.702 χ^2/NDF : 61.6/12

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 317.777 $\pm$ 3.879 χ^2 /NDF: 1291.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 317.684 $\pm$ 3.222 χ^2 /NDF: 2124.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

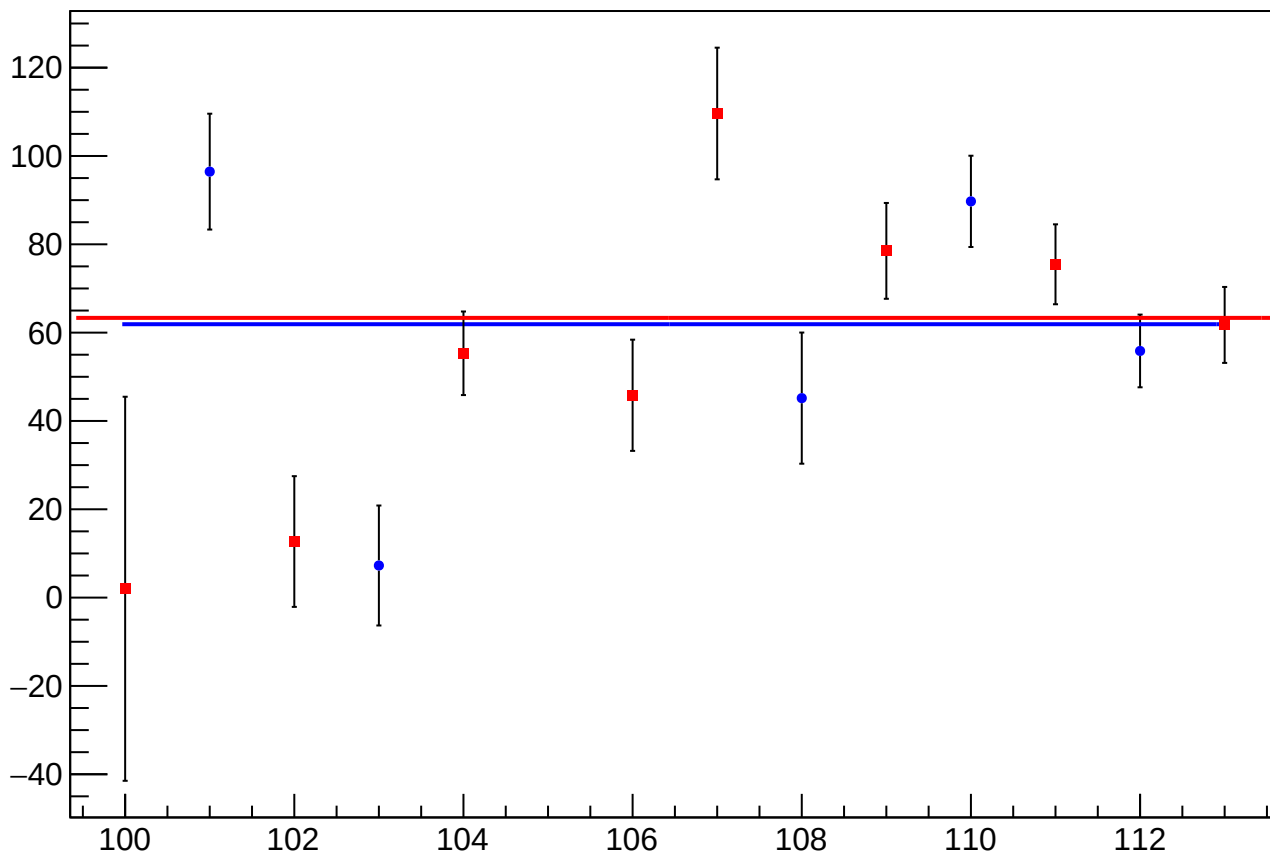
Right: 317.722 $\pm$ 2.478 χ^2 /NDF: 3416.4/12

In: 317.777 $\pm$ 3.879 χ^2 /NDF: 1291.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 317.722 $\pm$ 2.478 χ^2 /NDF: 3416.4/12

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 61.906+/-5.007 χ^2/NDF : 32.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.340+/-4.039 χ^2/NDF : 29.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

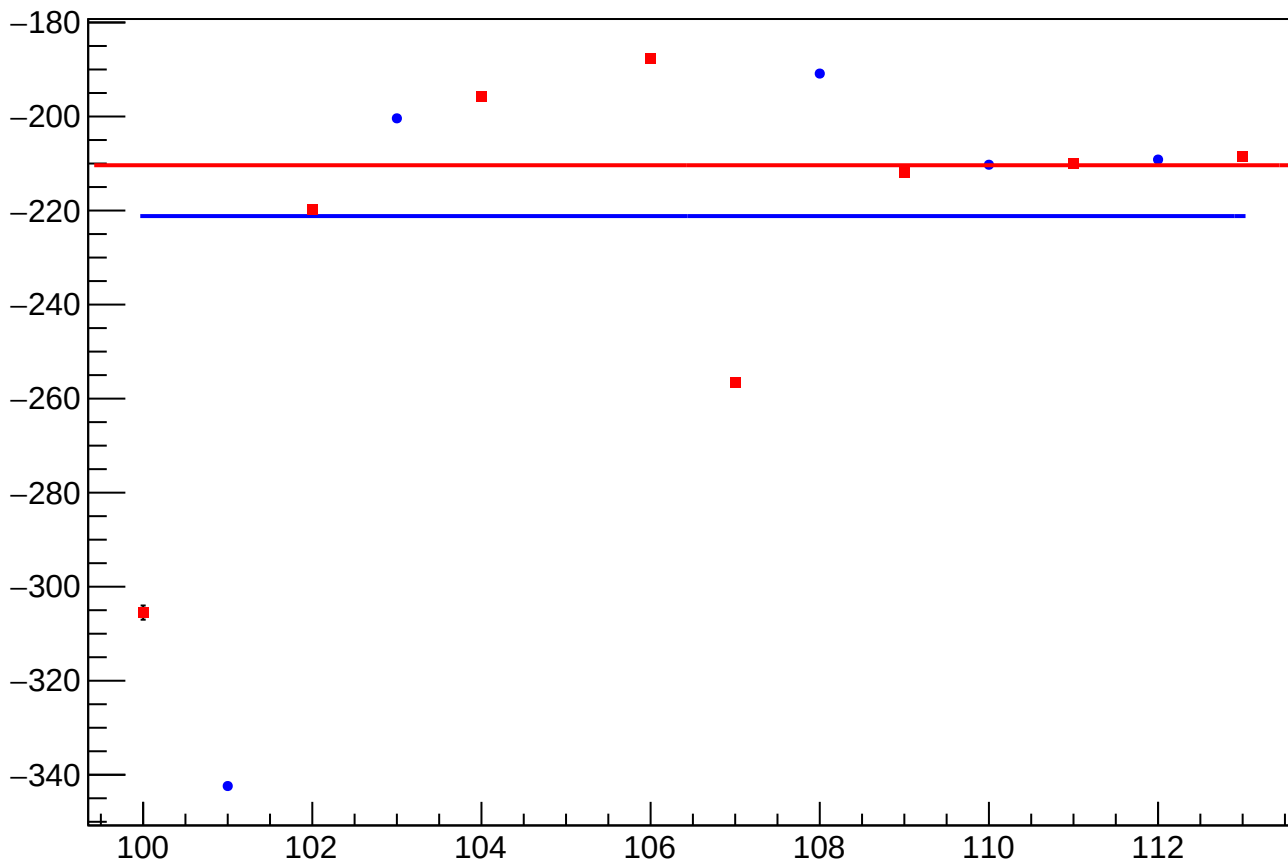
Right: 62.774+/-3.144 χ^2/NDF : 62.0/12

In: 61.906+/-5.007 χ^2/NDF : 32.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.774+/-3.144 χ^2/NDF : 62.0/12

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: -210.364+/-0.187 χ^2 /NDF: 11714.9/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

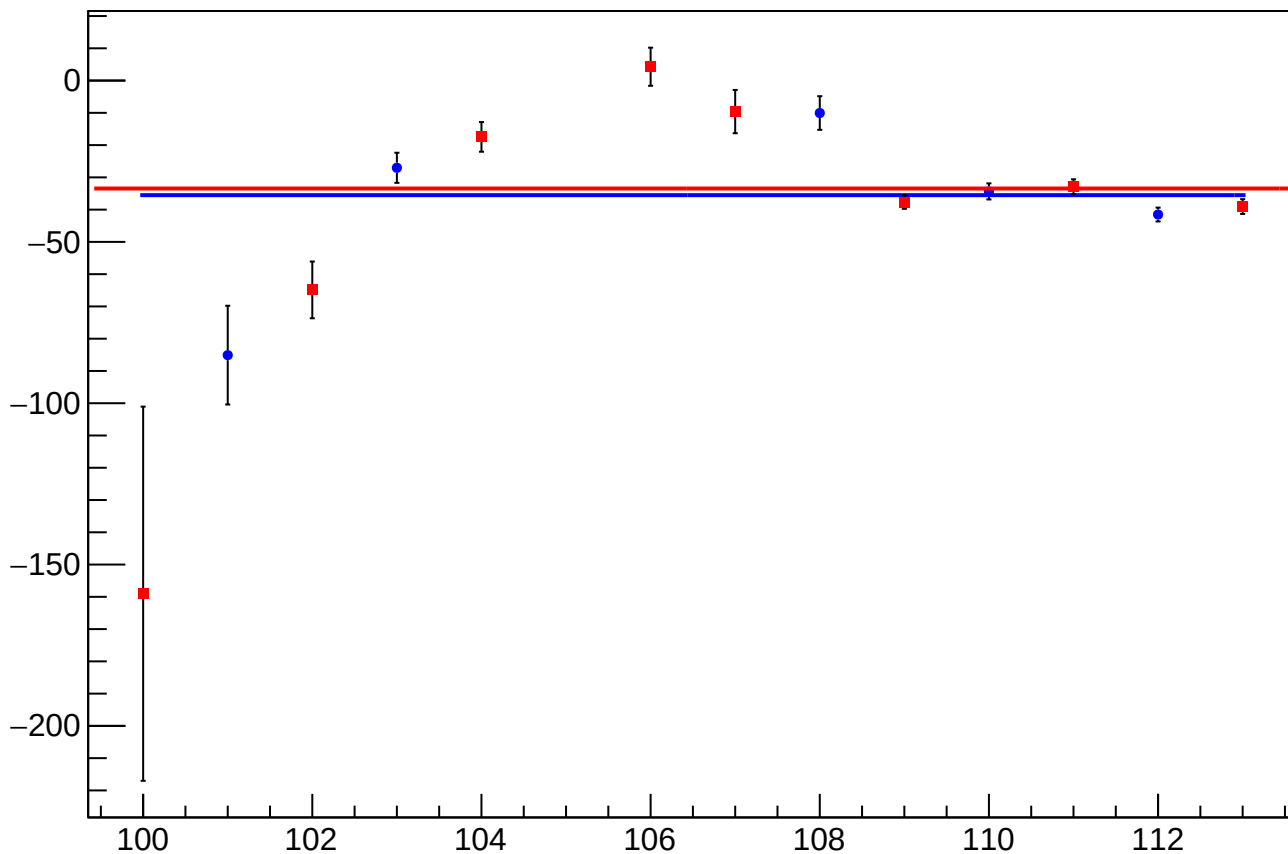
Right: -214.864+/-0.143 χ^2 /NDF: 63364.1/12

In: -221.177+/-0.221 χ^2 /NDF:50257.0/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -214.864+/-0.143 χ^2 /NDF: 63364.1/12

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -35.513+/-1.466 χ^2/NDF : 45.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -33.455+/-1.178 χ^2/NDF : 93.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

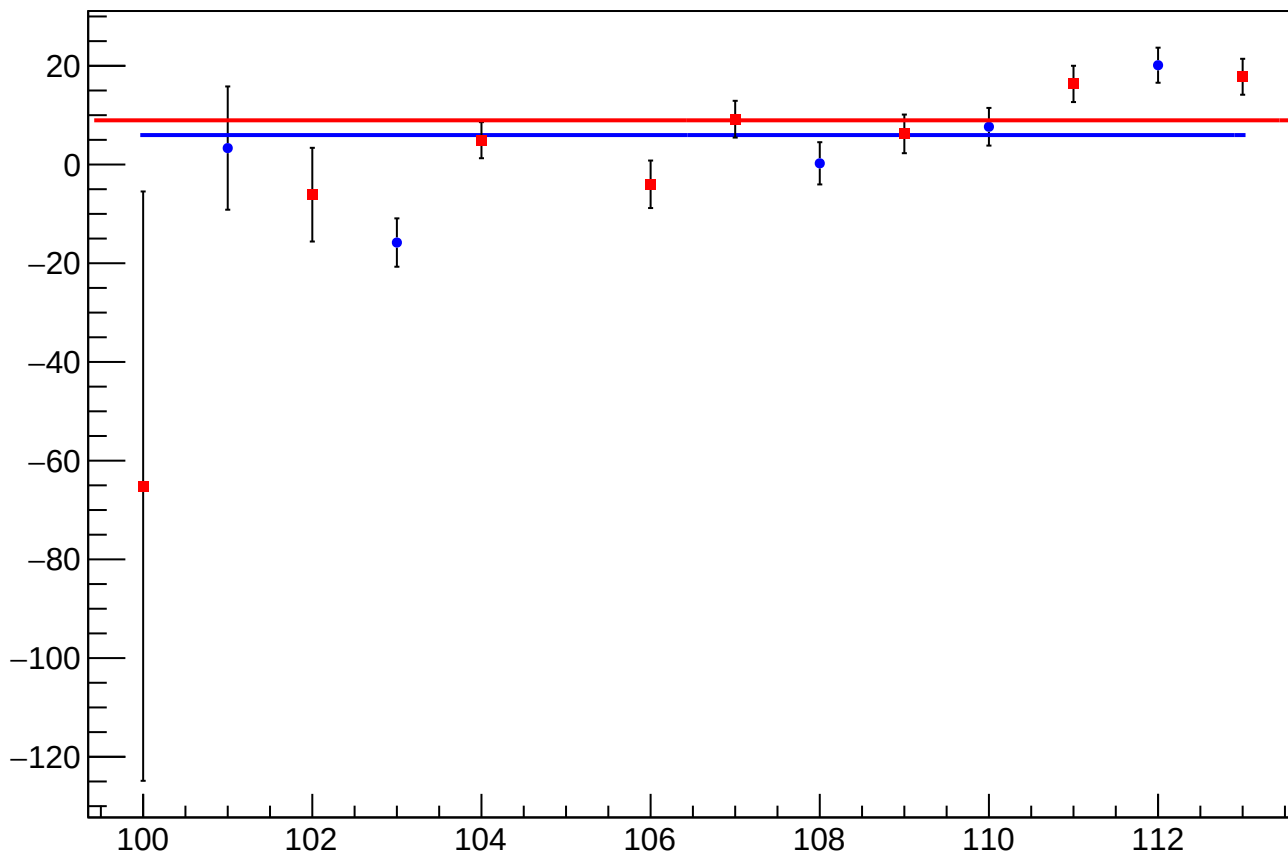
Right: -34.263+/-0.918 χ^2/NDF : 140.0/12

In: -35.513+/-1.466 χ^2/NDF : 45.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.263+/-0.918 χ^2/NDF : 140.0/12

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: 8.958+/-1.550 χ^2/NDF : 22.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

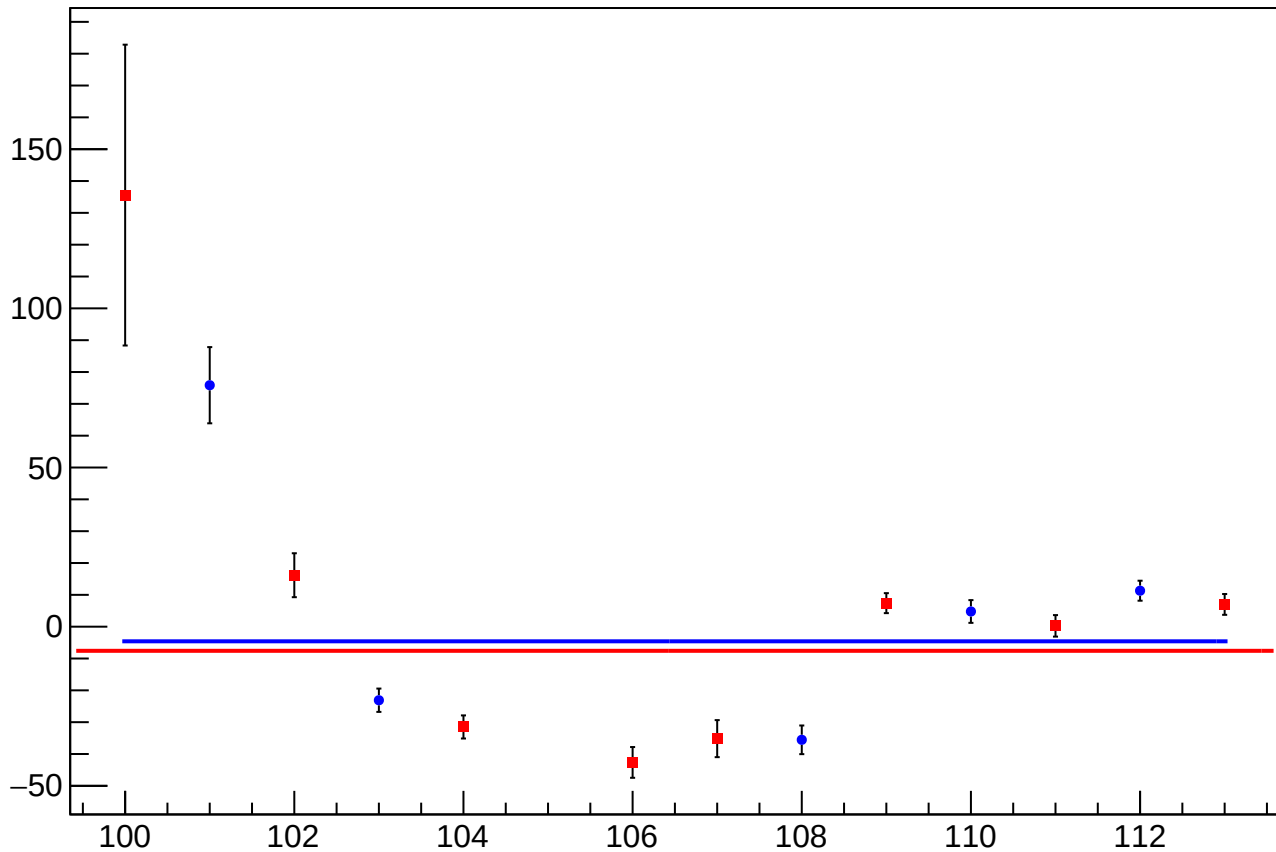
Right: 7.835+/-1.225 χ^2/NDF : 62.0/12

In: 5.969+/-1.998 χ^2/NDF : 37.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.835+/-1.225 χ^2/NDF : 62.0/12

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: -7.583+/-1.487 χ^2/NDF : 187.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

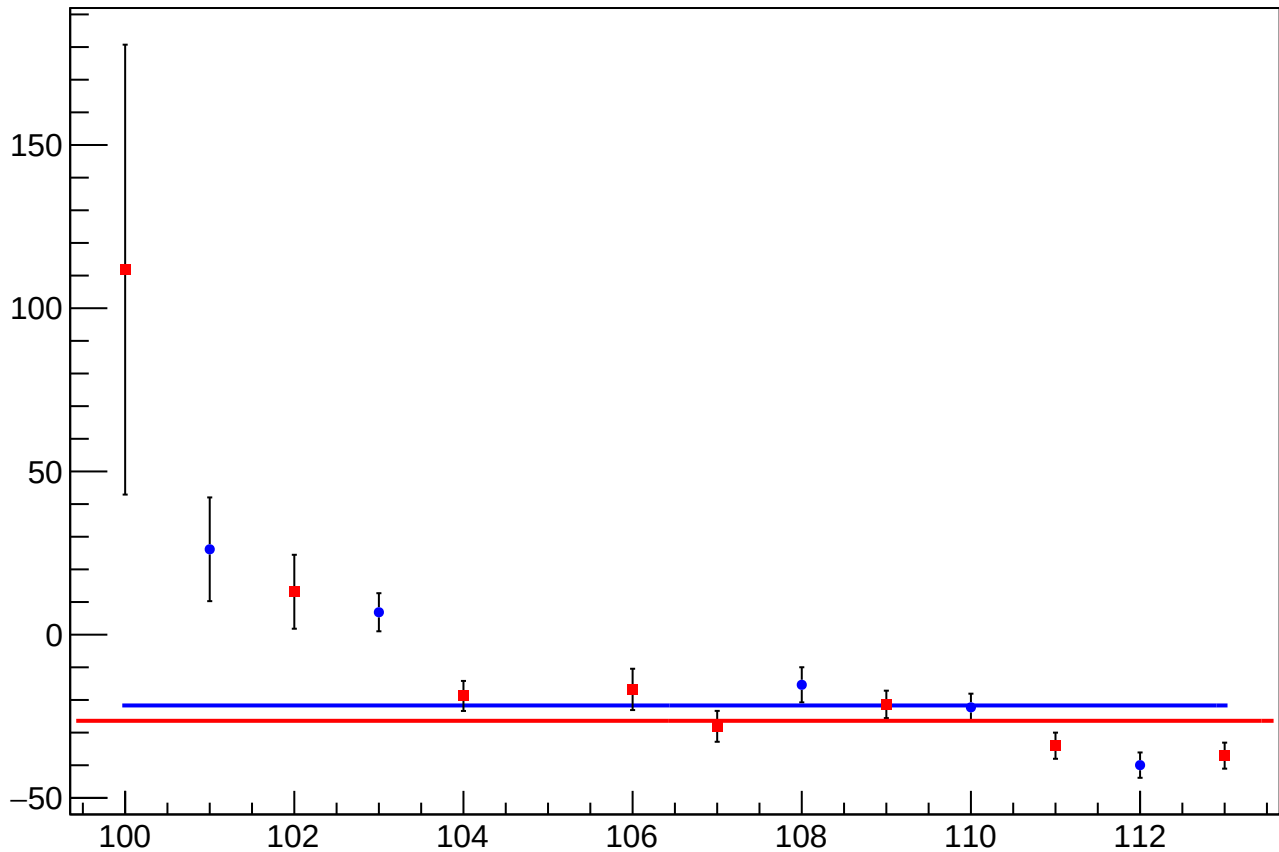
Right: -6.367+/-1.145 χ^2/NDF : 339.8/12

In: -4.596+/-1.794 χ^2/NDF : 150.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.367+/-1.145 χ^2/NDF : 339.8/12

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: -26.387 $\pm$ 1.805 χ^2/NDF : 33.6/7

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

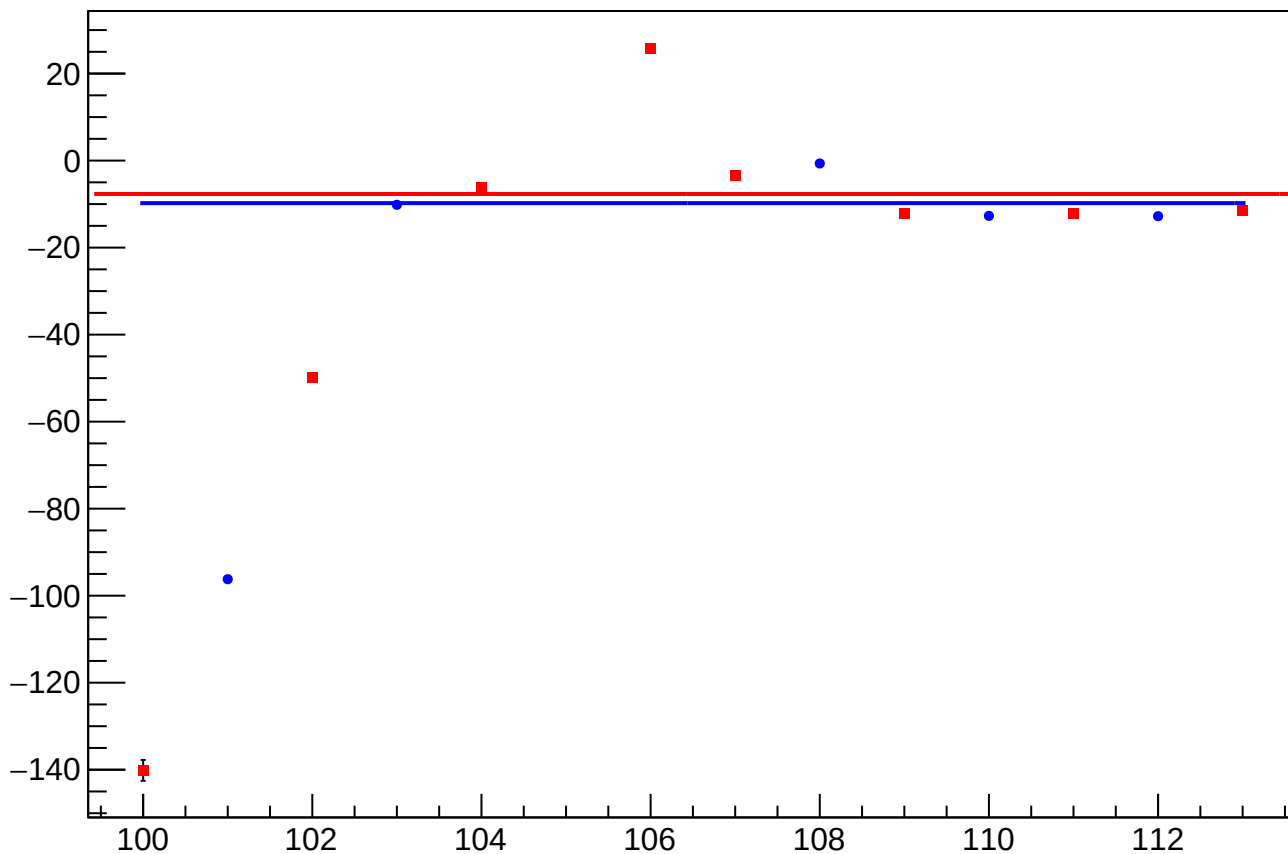
Right: -24.580 $\pm$ 1.417 χ^2/NDF : 92.8/12

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: -24.580 $\pm$ 1.417 χ^2/NDF : 92.8/12

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: -7.674+/-0.087 χ^2/NDF : 45668.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

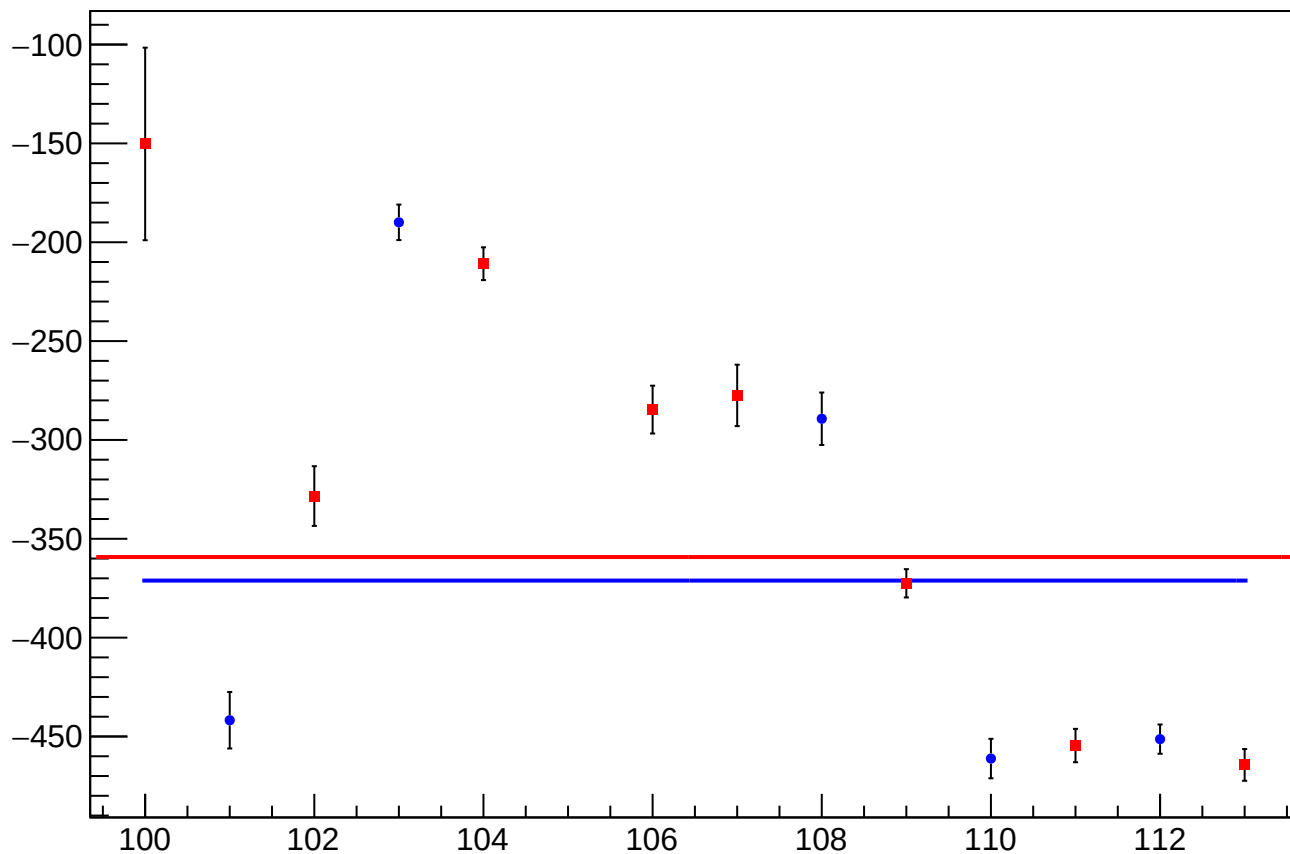
Right: -8.593+/-0.065 χ^2/NDF : 63540.5/12

In: -9.777+/-0.099 χ^2/NDF : 17616.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.593+/-0.065 χ^2/NDF : 63540.5/12

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: -359.230+/-3.549 χ^2/NDF : 710.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

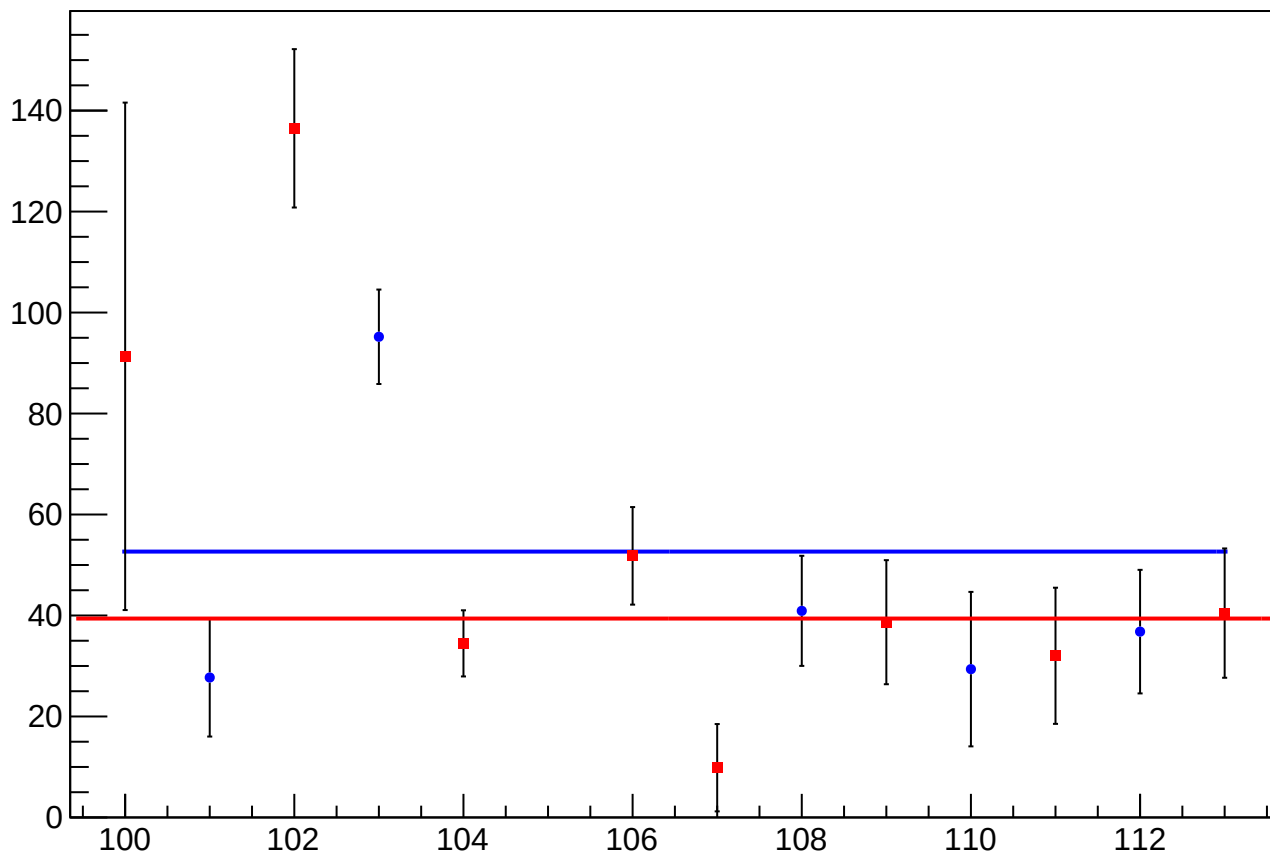
Right: -363.907+/-2.766 χ^2/NDF : 1383.9/12

In: -371.144+/-4.415 χ^2/NDF : 668.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -363.907+/-2.766 χ^2/NDF : 1383.9/12

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: 39.393+/-3.778 χ^2/NDF : 53.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

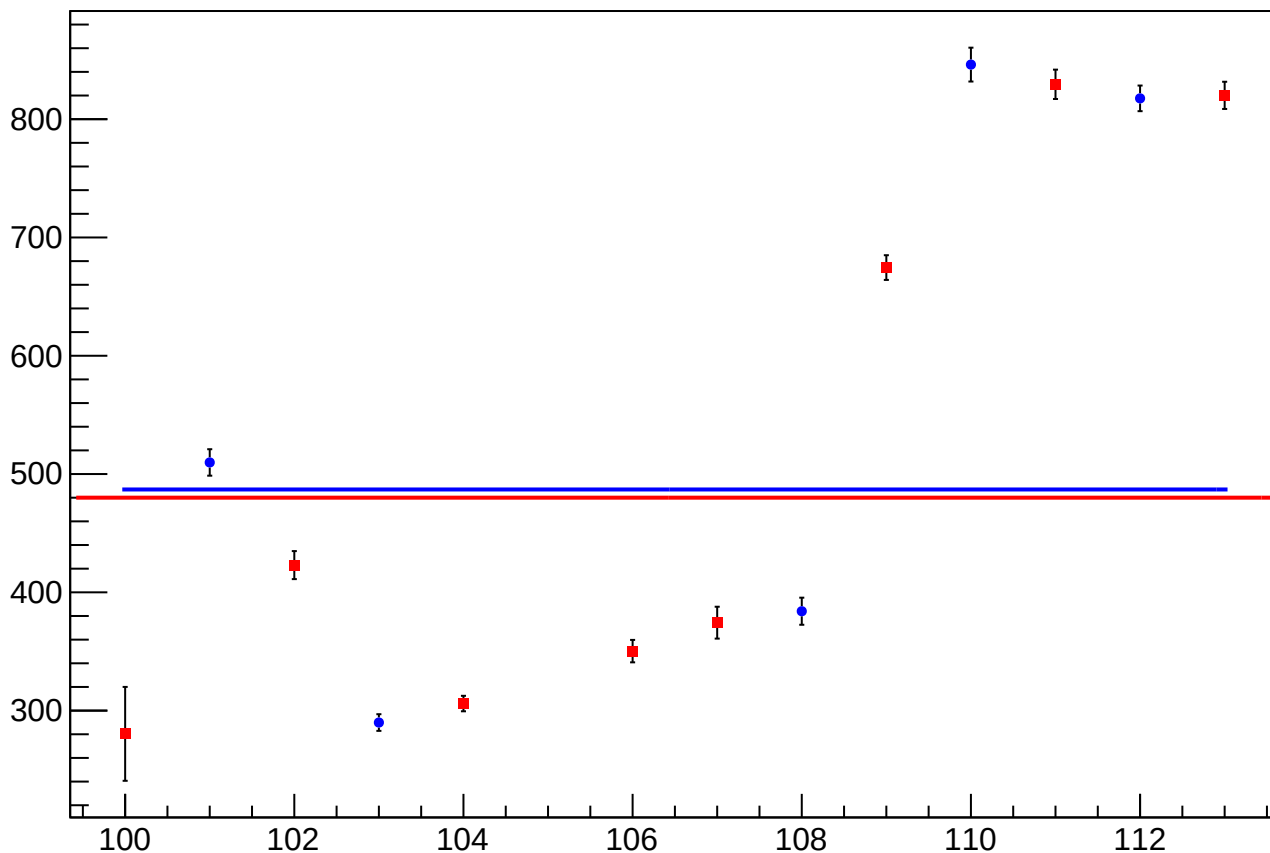
Right: 44.066+/-3.040 χ^2/NDF : 88.3/12

In: 52.657+/-5.123 χ^2/NDF : 30.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.066+/-3.040 χ^2/NDF : 88.3/12

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: 480.024+/-3.754 χ^2/NDF : 3019.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

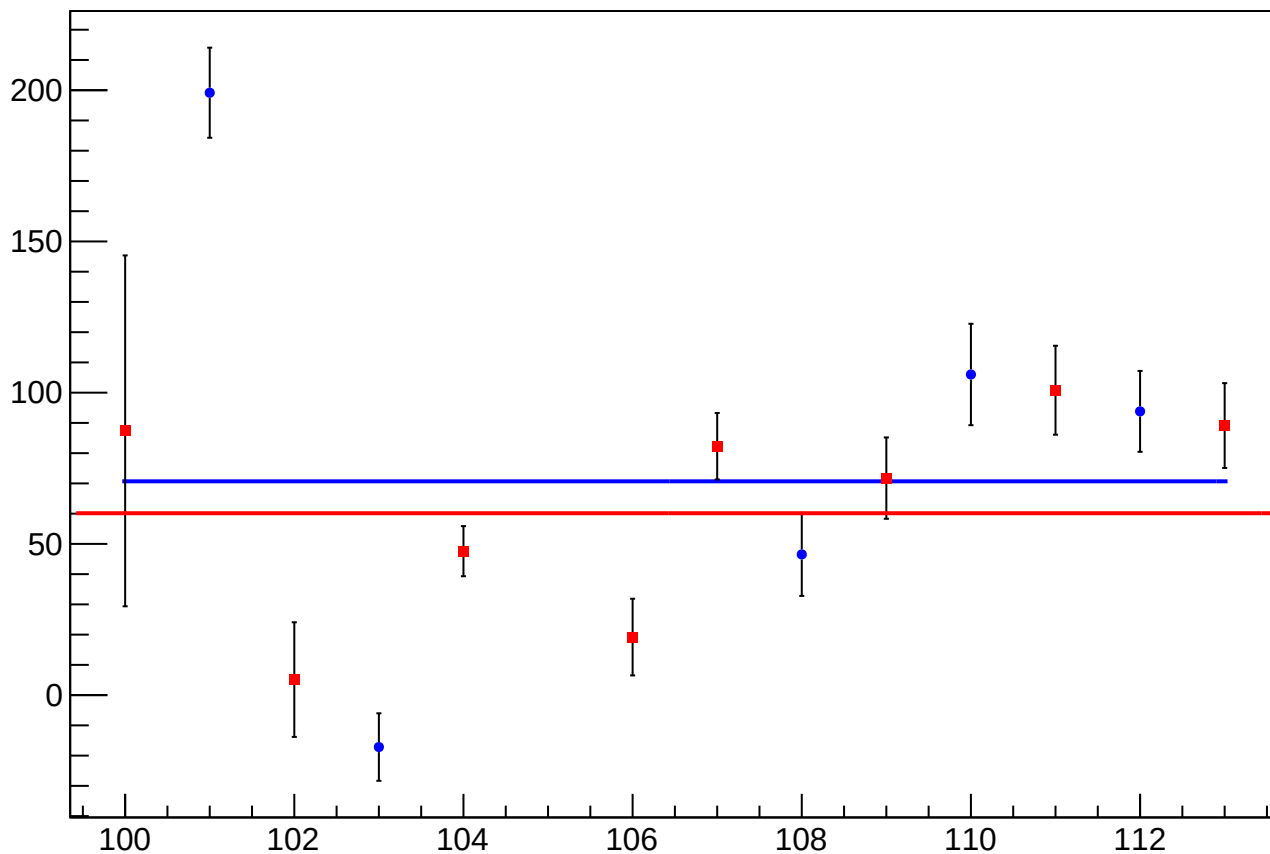
Right: 482.861+/-2.885 χ^2/NDF : 5449.3/12

In: 486.955+/-4.510 χ^2/NDF : 2428.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 482.861+/-2.885 χ^2/NDF : 5449.3/12

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.688 $\pm$ 6.086 χ^2 /NDF: 146.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 60.145 $\pm$ 4.594 χ^2 /NDF: 38.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

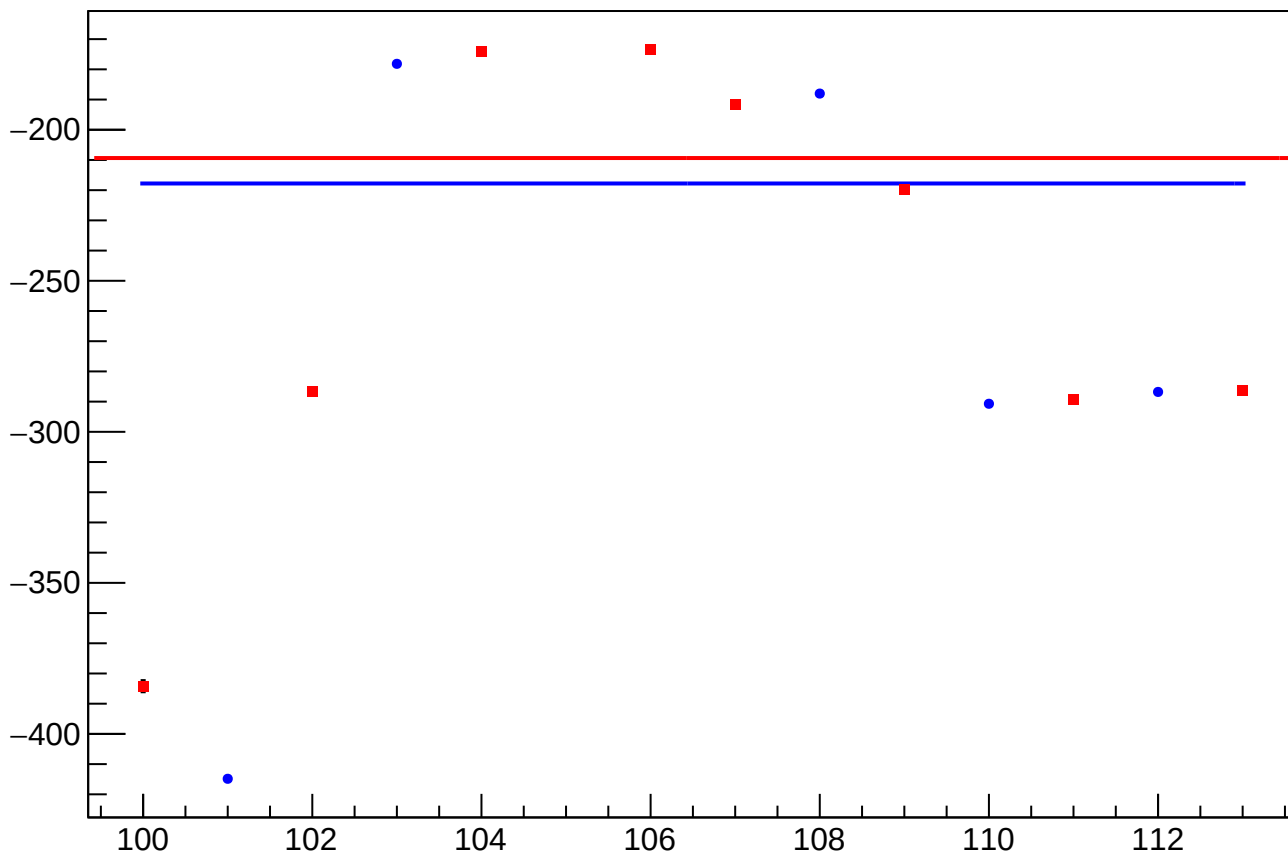
Right: 63.972 $\pm$ 3.667 χ^2 /NDF: 186.9/12

In: 70.688 $\pm$ 6.086 χ^2 /NDF: 146.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 63.972 $\pm$ 3.667 χ^2 /NDF: 186.9/12

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: -209.362+/-0.198 χ^2/NDF : 63279.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

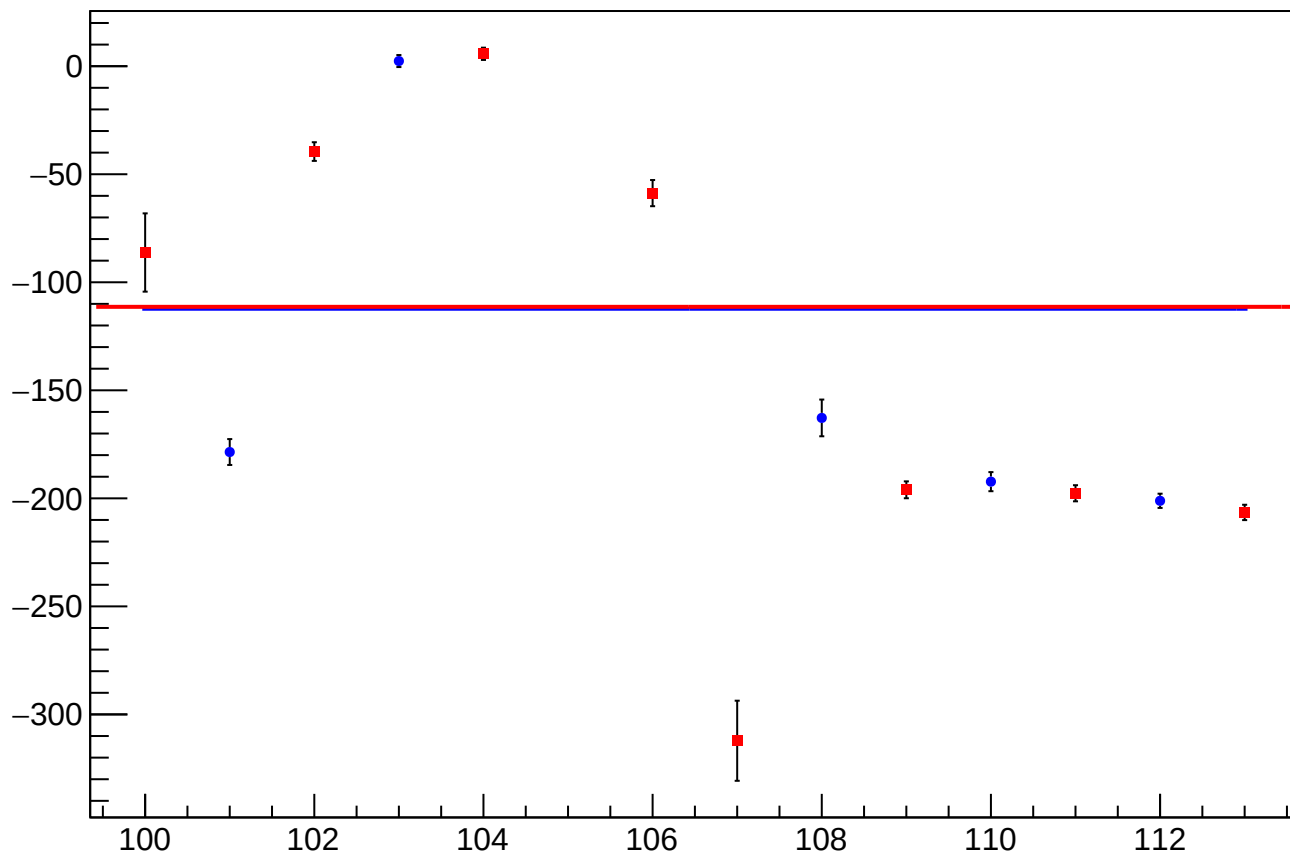
Right: -213.104+/-0.148 χ^2/NDF : 183727.9/12

In: -217.786+/-0.222 χ^2/NDF : 119645.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -213.104+/-0.148 χ^2/NDF : 183727.9/12

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: -111.367+/-1.529 χ^2/NDF : 3895.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

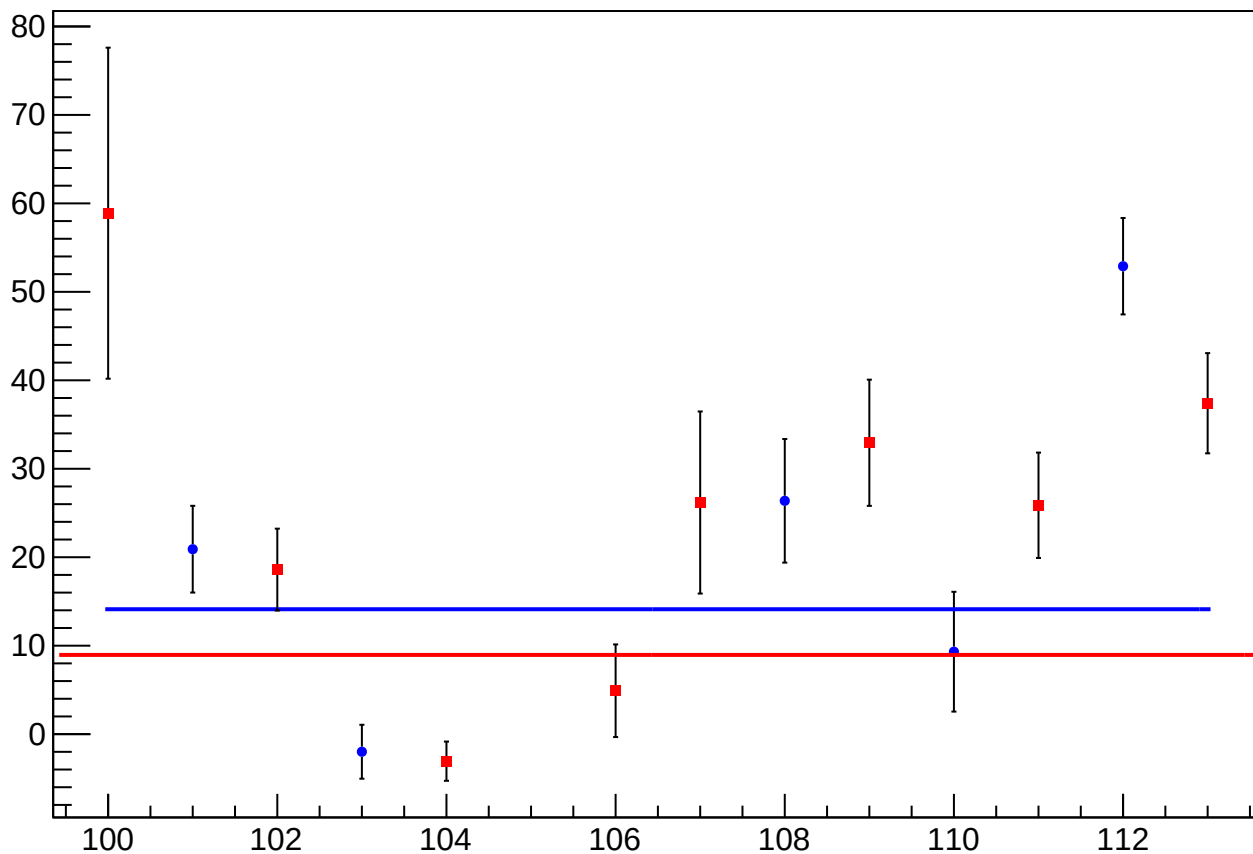
Right: -111.740+/-1.161 χ^2/NDF : 6810.7/12

In: -112.247+/-1.783 χ^2/NDF : 2915.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -111.740+/-1.161 χ^2/NDF : 6810.7/12

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: 8.957+/-1.627 χ^2/NDF : 88.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

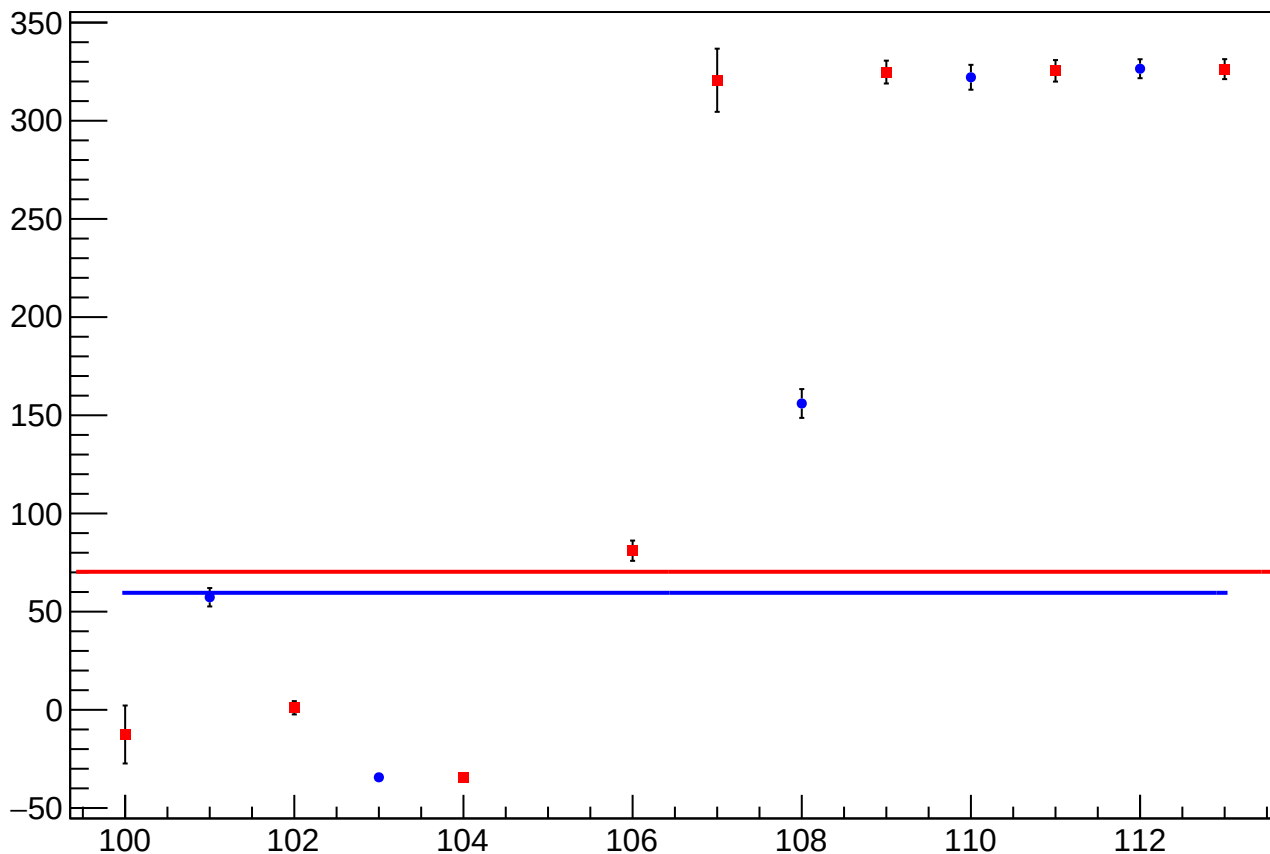
Right: 10.885+/-1.288 χ^2/NDF : 176.6/12

In: 14.120+/-2.107 χ^2/NDF : 84.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.885+/-1.288 χ^2/NDF : 176.6/12

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 59.595+/-1.711 χ^2/NDF : 6804.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.305+/-1.518 χ^2/NDF : 9495.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

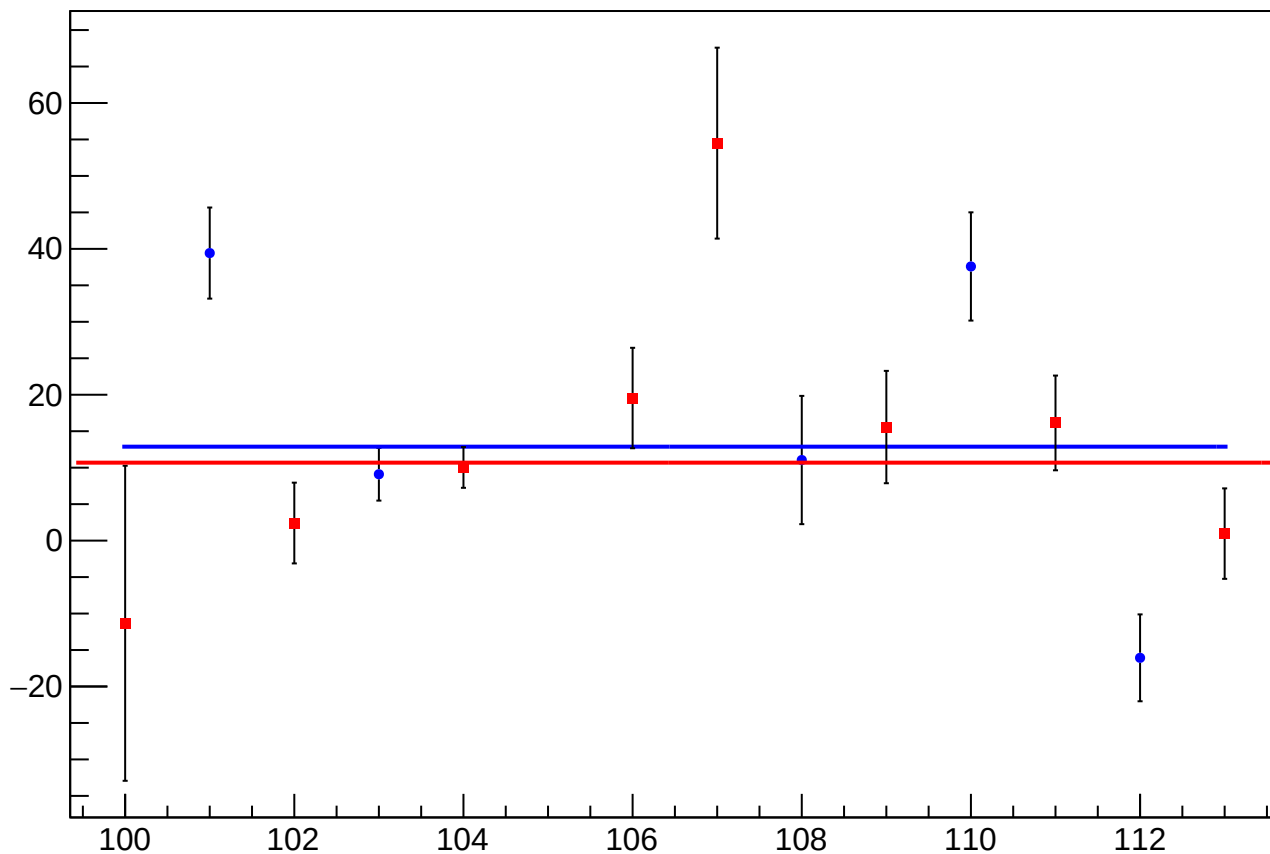
Right: 65.587+/-1.136 χ^2/NDF : 16321.5/12

In: 59.595+/-1.711 χ^2/NDF : 6804.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.587+/-1.136 χ^2/NDF : 16321.5/12

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 12.881 $\pm$ 2.489 χ^2 /NDF: 53.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.688 $\pm$ 1.975 χ^2 /NDF: 19.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

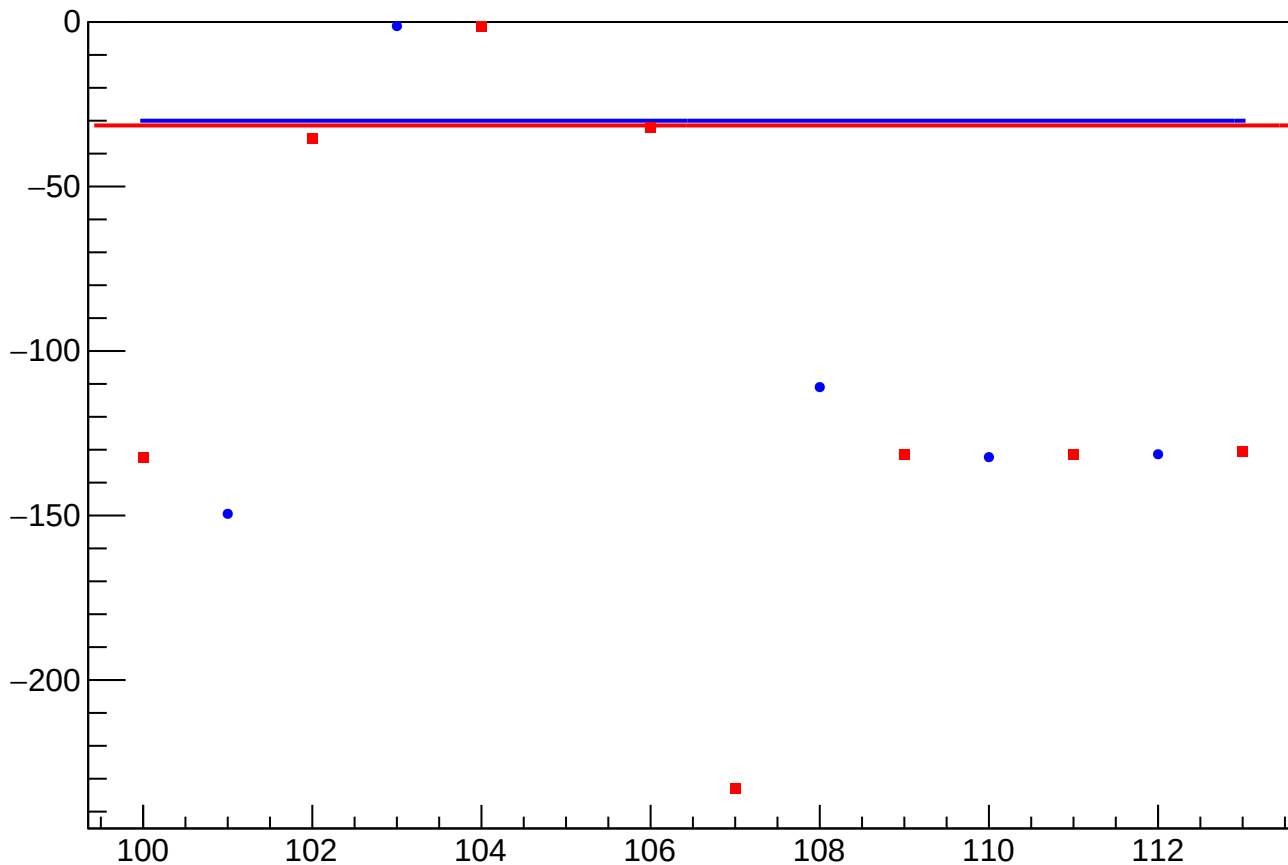
Right: 11.535 $\pm$ 1.547 χ^2 /NDF: 74.1/12

In: 12.881 $\pm$ 2.489 χ^2 /NDF: 53.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.535 $\pm$ 1.547 χ^2 /NDF: 74.1/12

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: -31.434+/-0.074 χ^2/NDF : 374045.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

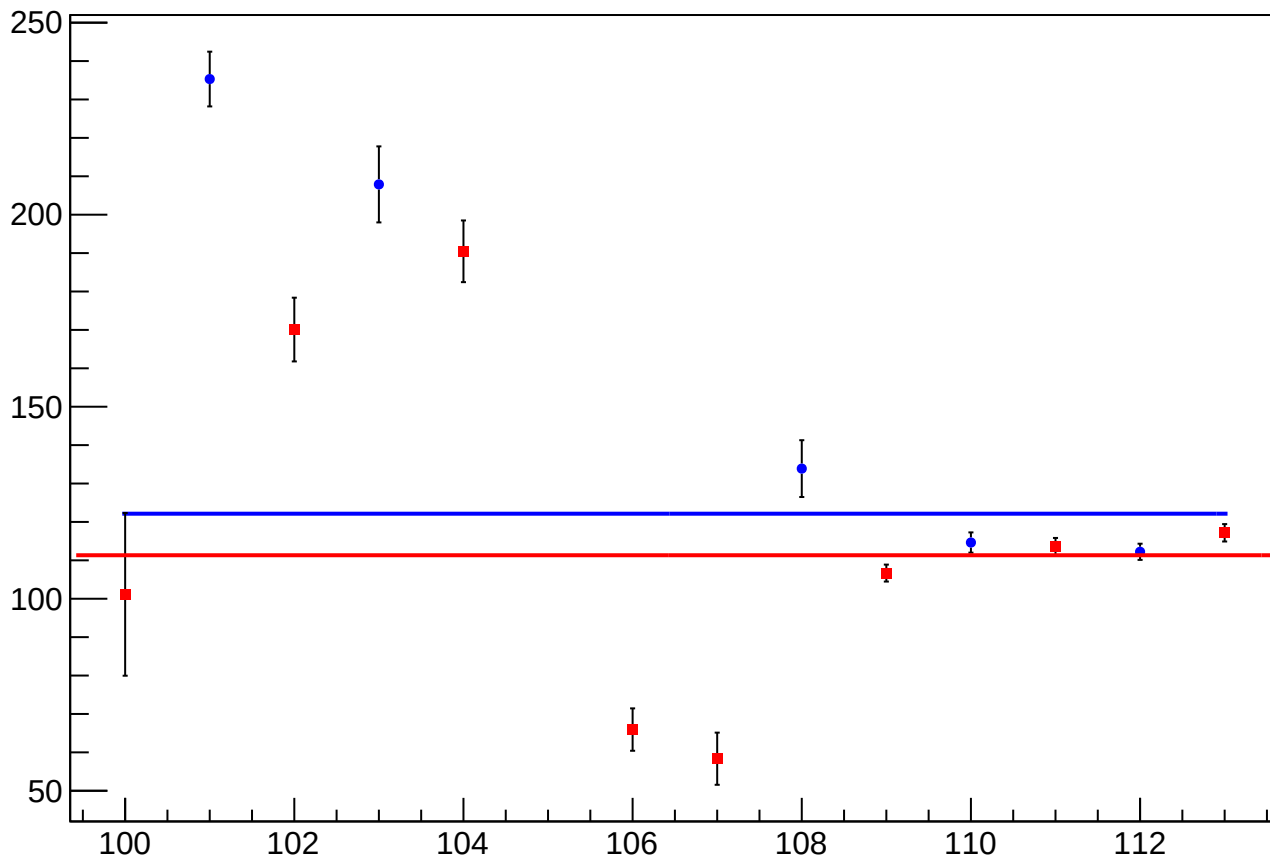
Right: -30.776+/-0.054 χ^2/NDF : 839304.0/12

In: -30.000+/-0.080 χ^2/NDF : 465085.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.776+/-0.054 χ^2/NDF : 839304.0/12

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: 111.326+/-1.222 χ^2/NDF : 287.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

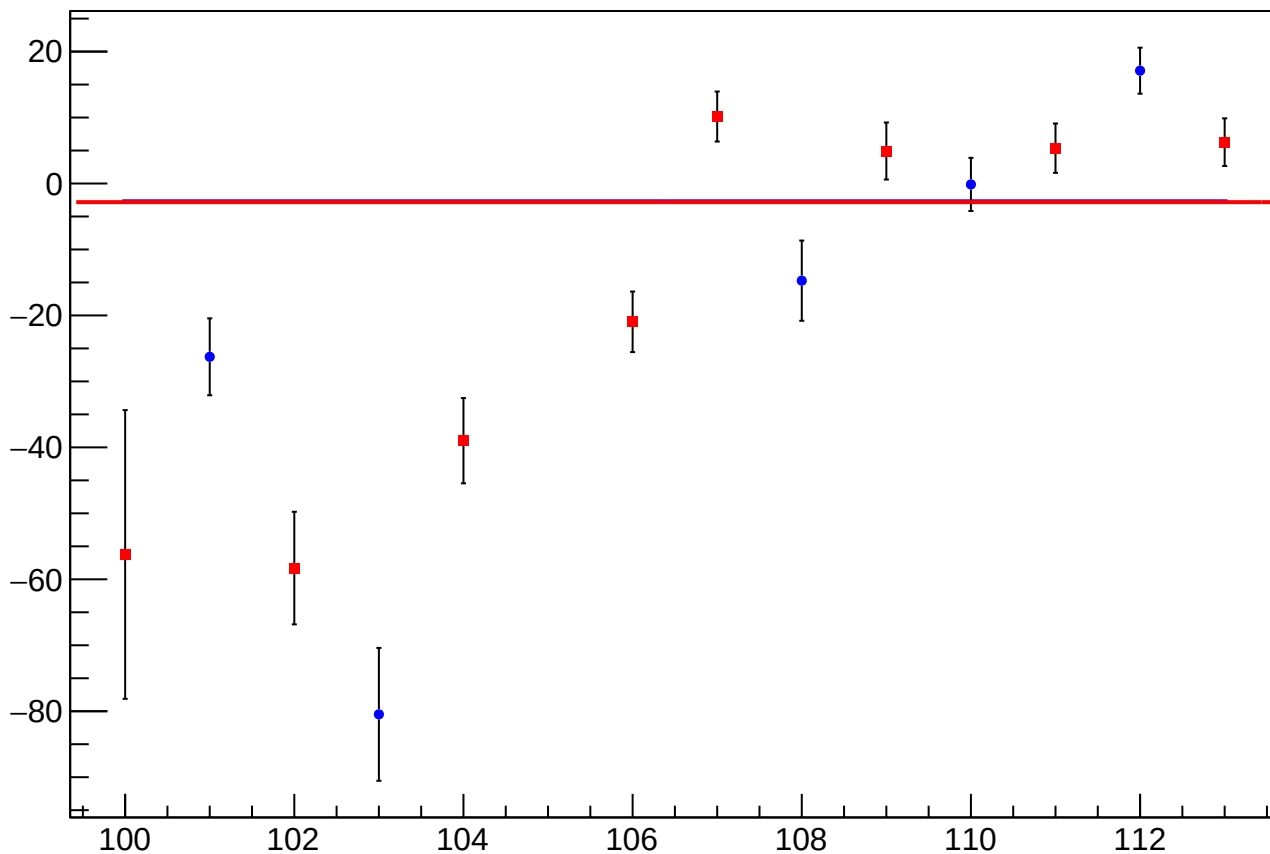
Right: 115.480+/-0.959 χ^2/NDF : 678.0/12

In: 122.143+/-1.547 χ^2/NDF : 360.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.480+/-0.959 χ^2/NDF : 678.0/12

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.700+/-2.182 χ^2/NDF : 112.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.823+/-1.670 χ^2/NDF : 121.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

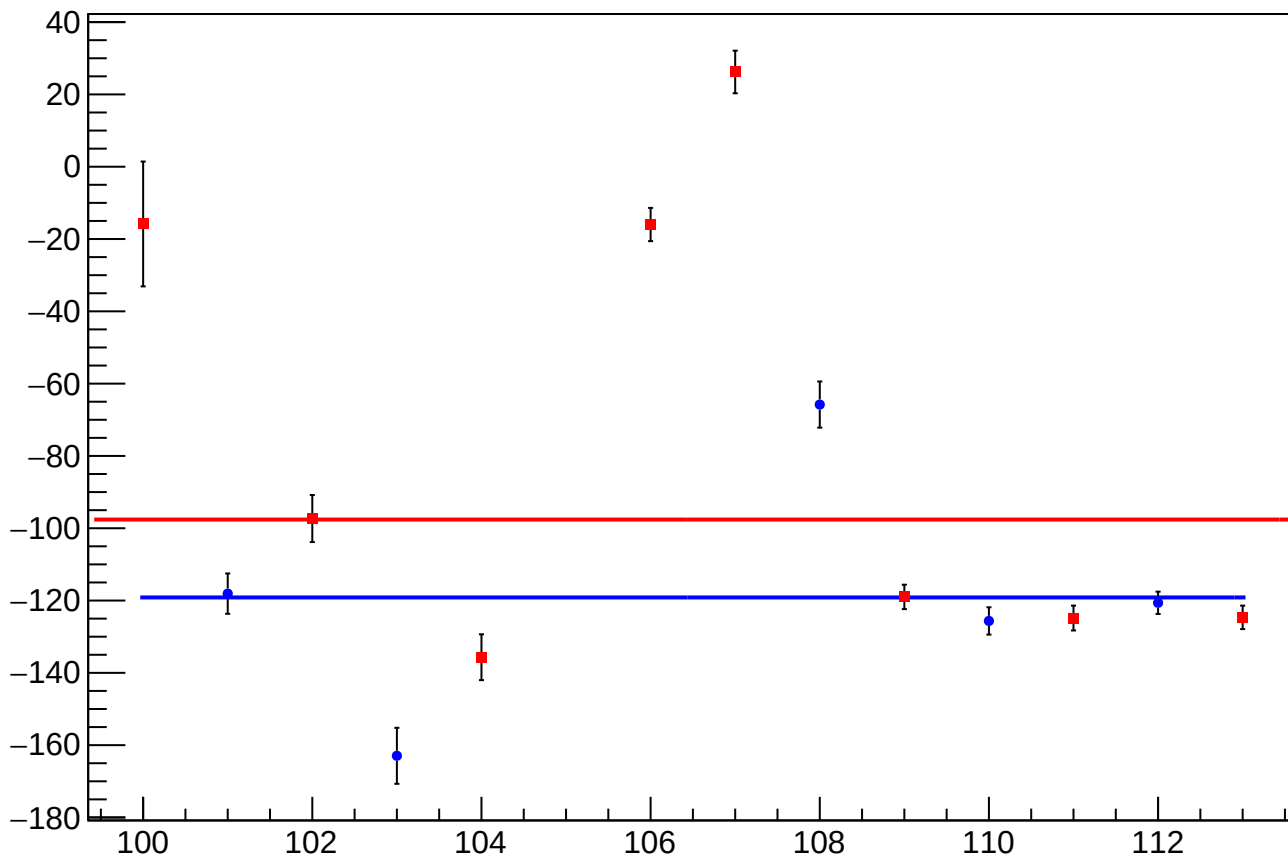
Right: -2.778+/-1.326 χ^2/NDF : 233.7/12

In: -2.700+/-2.182 χ^2/NDF : 112.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.778+/-1.326 χ^2/NDF : 233.7/12

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: -97.595+/-1.590 χ^2 /NDF: 987.2/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

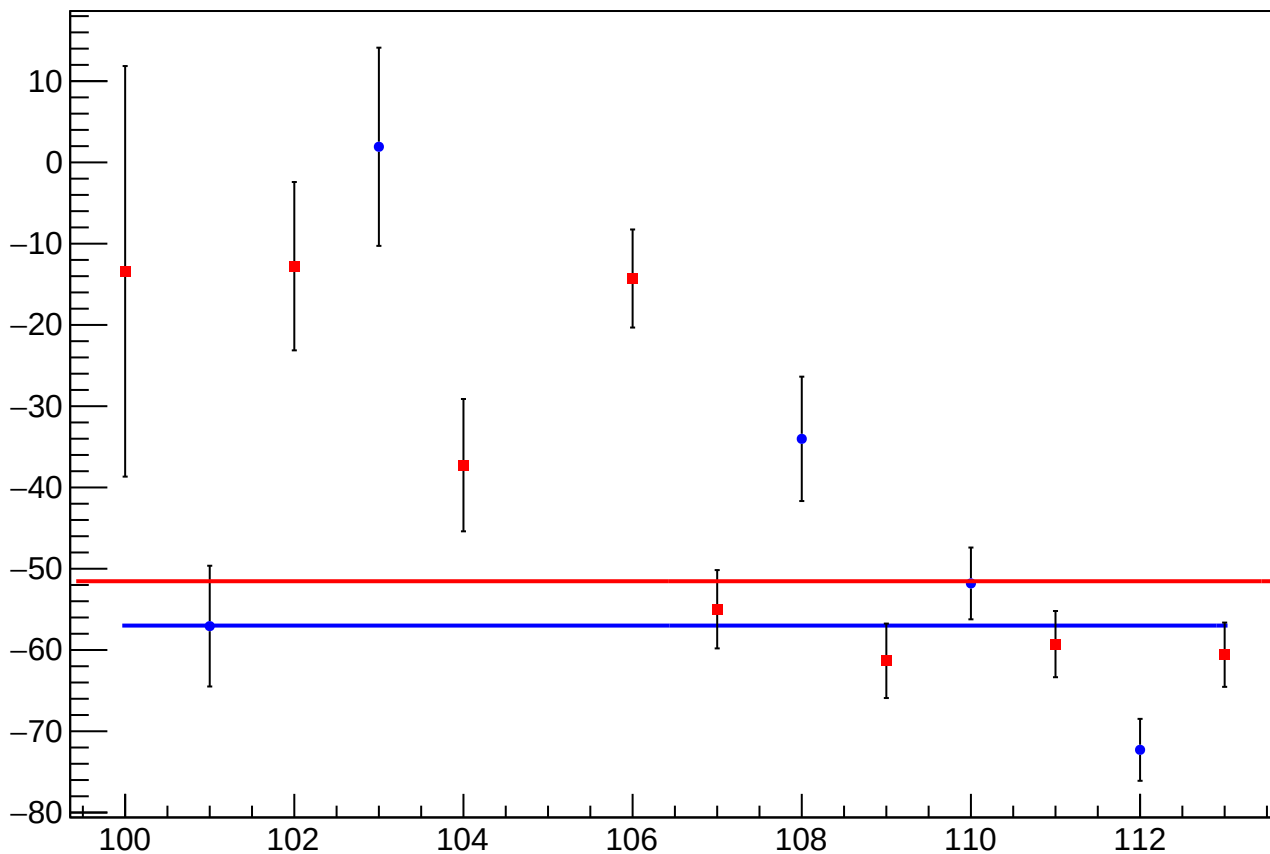
Right: -105.912+/-1.246 χ^2 /NDF: 1163.0/12

In: -119.144+/-2.006 χ^2 /NDF:105.0/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -105.912+/-1.246 χ^2 /NDF: 1163.0/12

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: -51.537 $\pm$ 1.930 χ^2 /NDF: 71.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

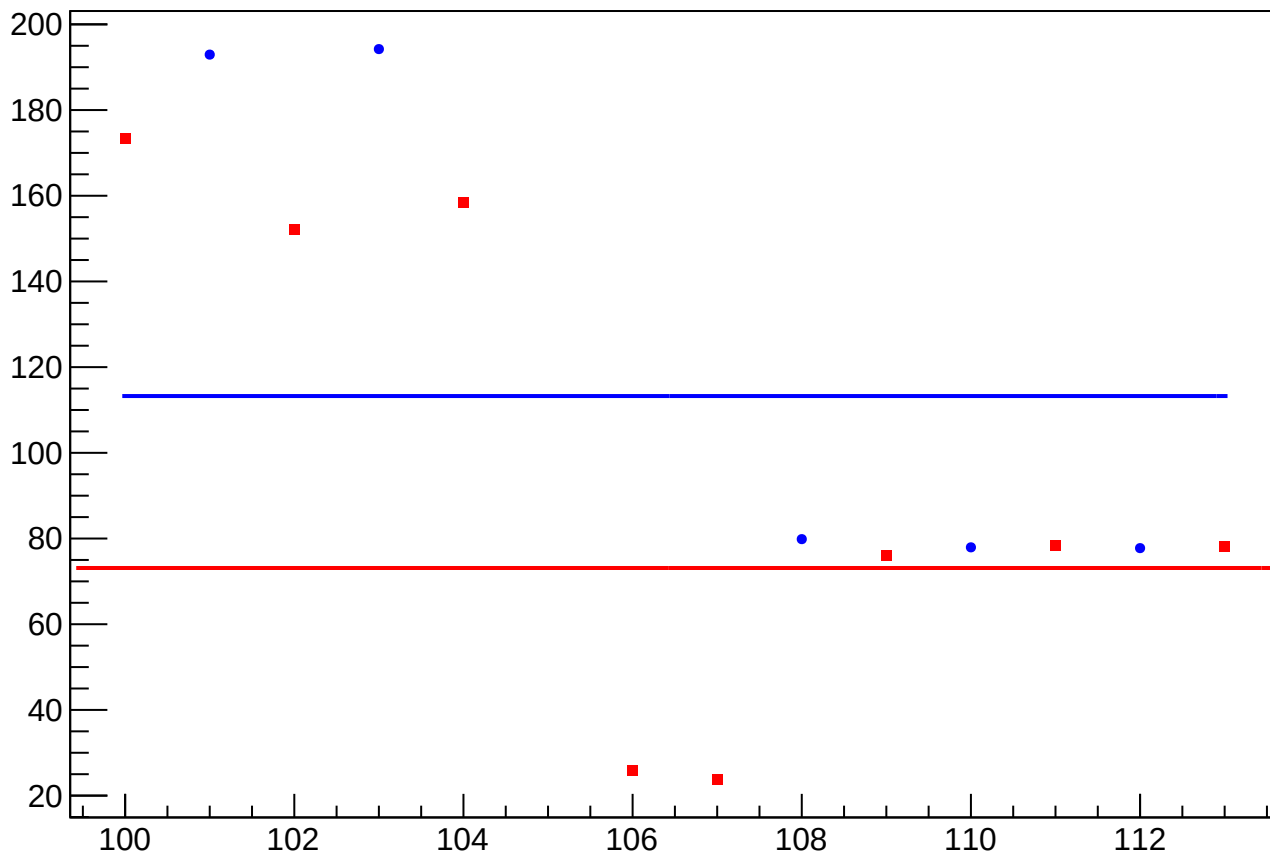
Right: -53.592 $\pm$ 1.524 χ^2 /NDF: 124.2/12

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: -53.592 $\pm$ 1.524 χ^2 /NDF: 124.2/12

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: 73.123+/-0.093 χ^2/NDF : 272866.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

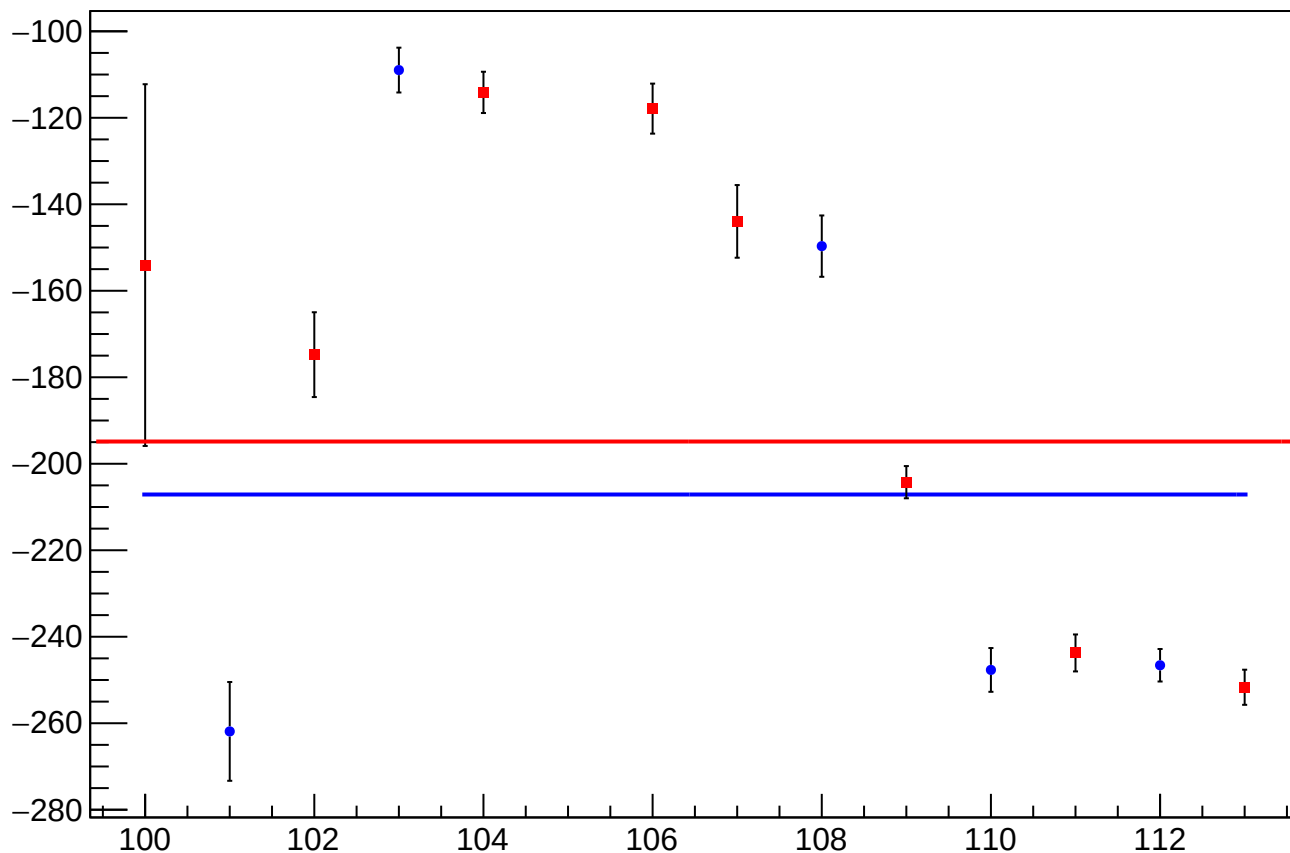
Right: 86.868+/-0.076 χ^2/NDF : 503944.9/12

In: 113.254+/-0.129 χ^2/NDF : 167502.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.868+/-0.076 χ^2/NDF : 503944.9/12

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: -194.857+/-1.869 χ^2/NDF : 838.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

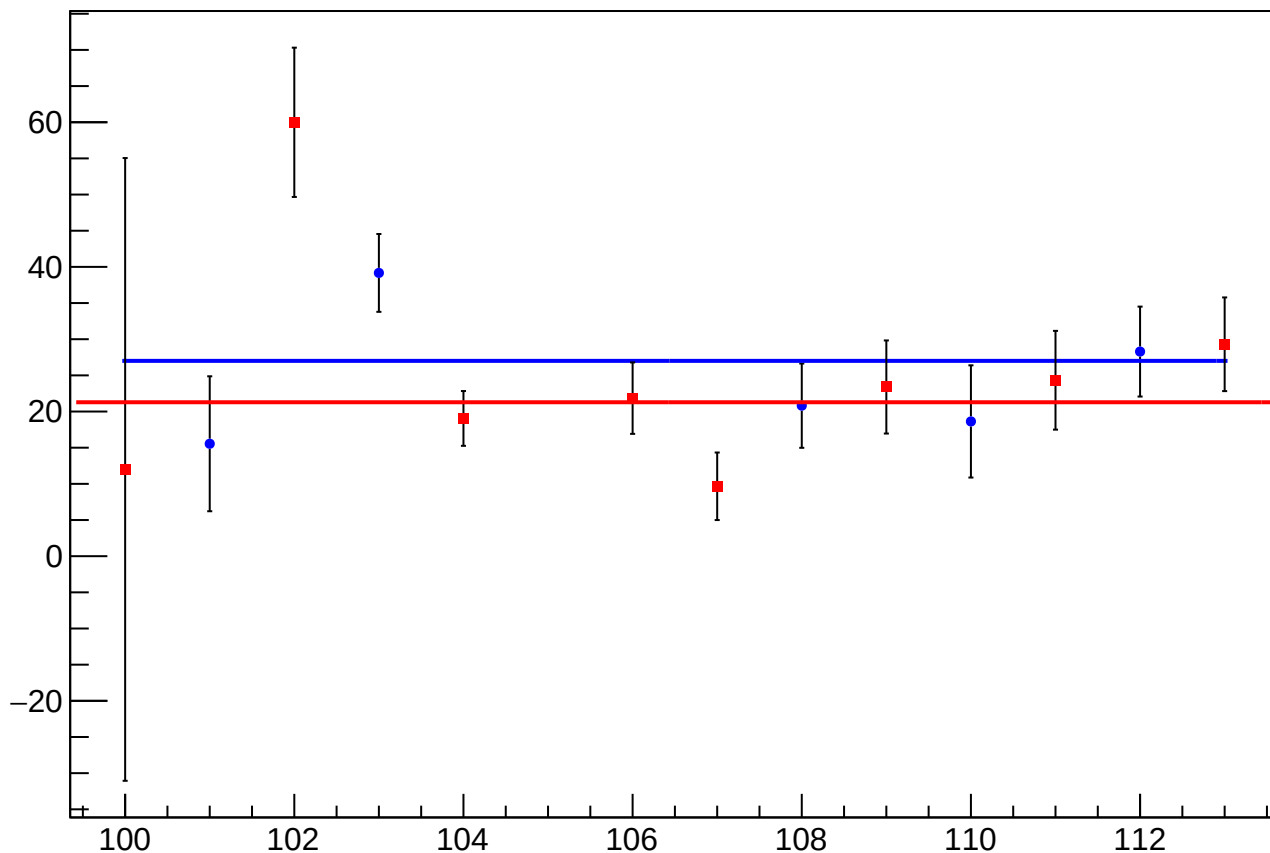
Right: -199.498+/-1.473 χ^2/NDF : 1476.3/12

In: -207.109+/-2.393 χ^2/NDF : 621.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -199.498+/-1.473 χ^2/NDF : 1476.3/12

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: 21.283+/-2.059 χ^2 /NDF: 22.5/7

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

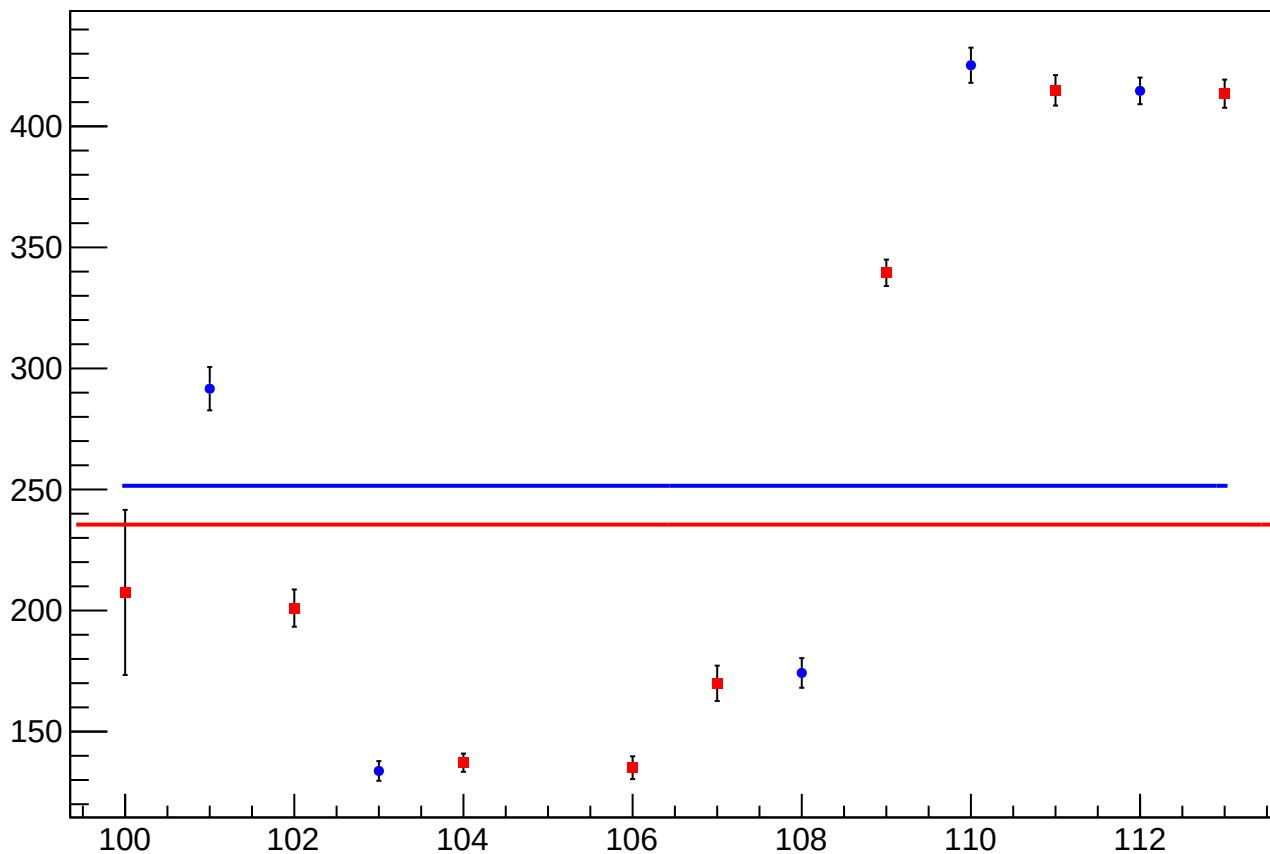
Right: 23.191+/-1.681 χ^2 /NDF: 34.0/12

In: 27.006+/-2.912 χ^2 /NDF: 9.0/4

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 23.191+/-1.681 χ^2 /NDF: 34.0/12

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: 235.504+/-2.038 χ^2/NDF : 3353.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

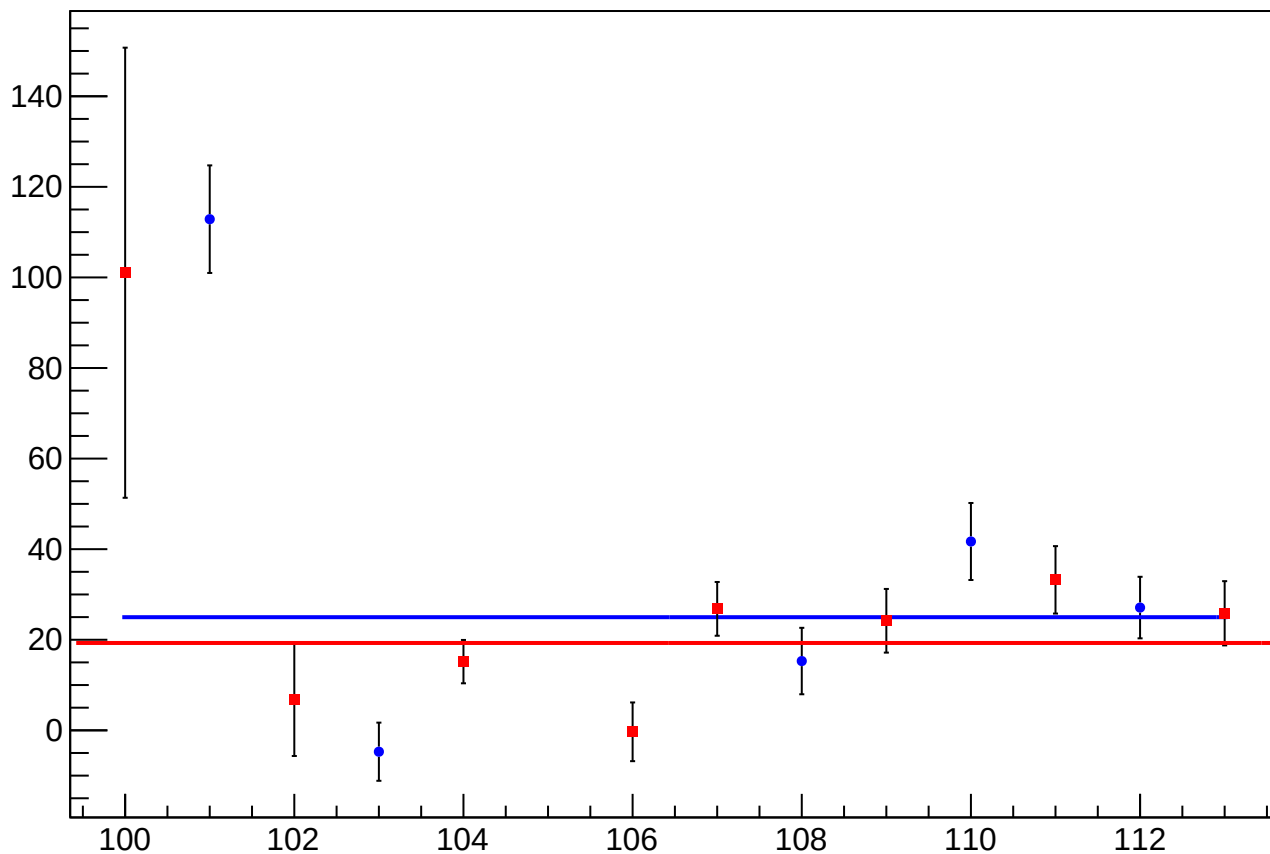
Right: 241.700+/-1.596 χ^2/NDF : 5848.2/12

In: 251.531+/-2.568 χ^2/NDF : 2470.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 241.700+/-1.596 χ^2/NDF : 5848.2/12

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: 19.288 $\pm$ 2.493 χ^2 /NDF: 20.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

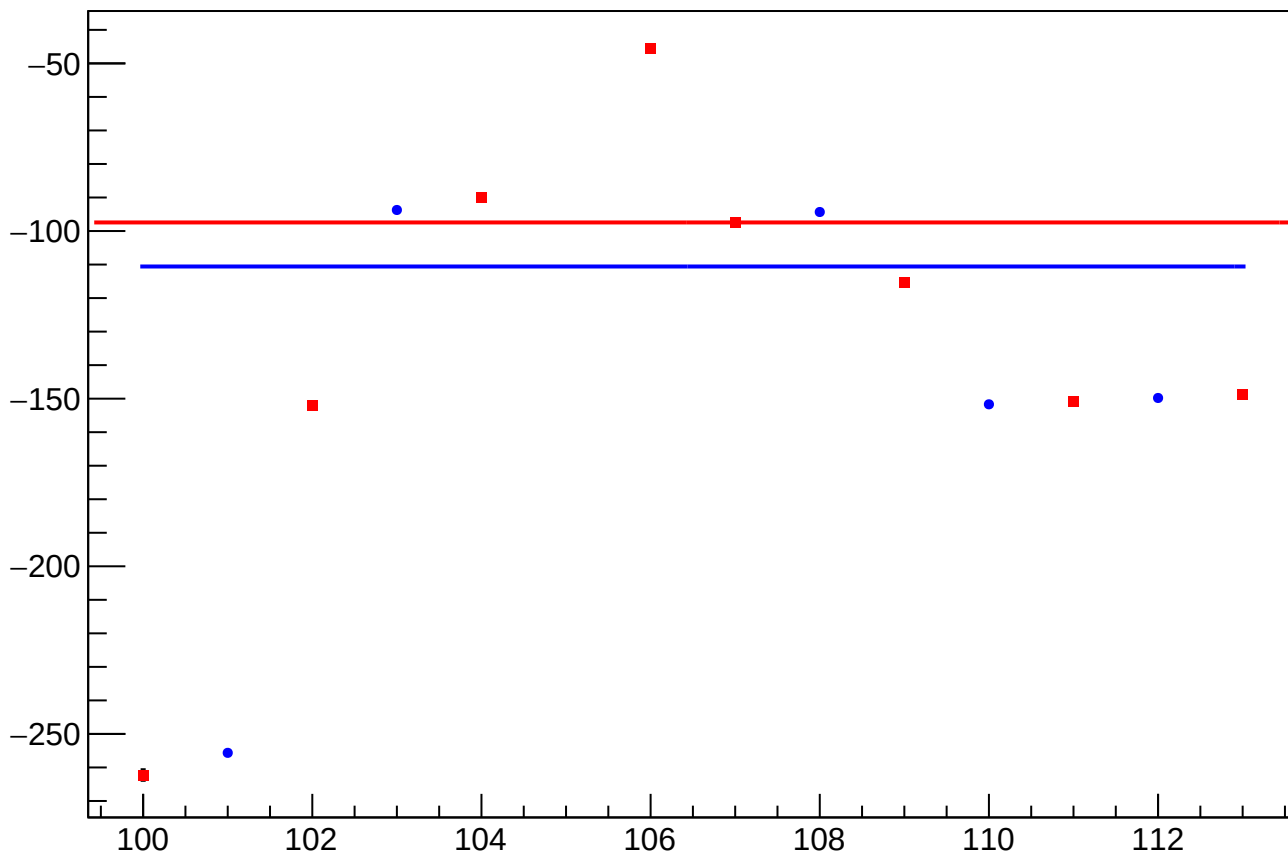
Right: 21.263 $\pm$ 2.015 χ^2 /NDF: 103.7/12

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: 21.263 $\pm$ 2.015 χ^2 /NDF: 103.7/12

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: -97.440+/-0.108 χ^2/NDF : 115210.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

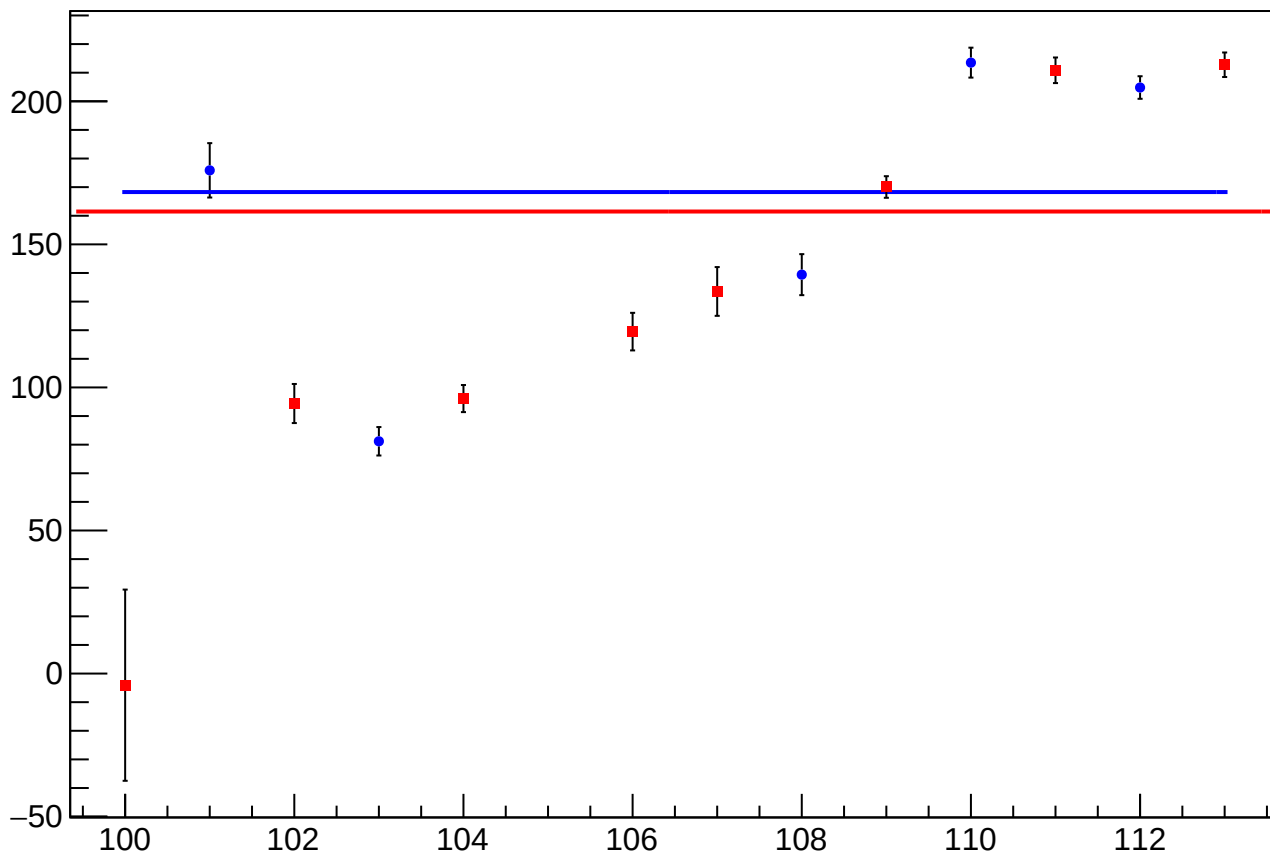
Right: -102.930+/-0.082 χ^2/NDF : 223013.5/12

In: -110.578+/-0.127 χ^2/NDF : 101569.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -102.930+/-0.082 χ^2/NDF : 223013.5/12

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 168.284+/-2.412 χ^2/NDF : 484.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 161.480+/-1.895 χ^2/NDF : 633.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

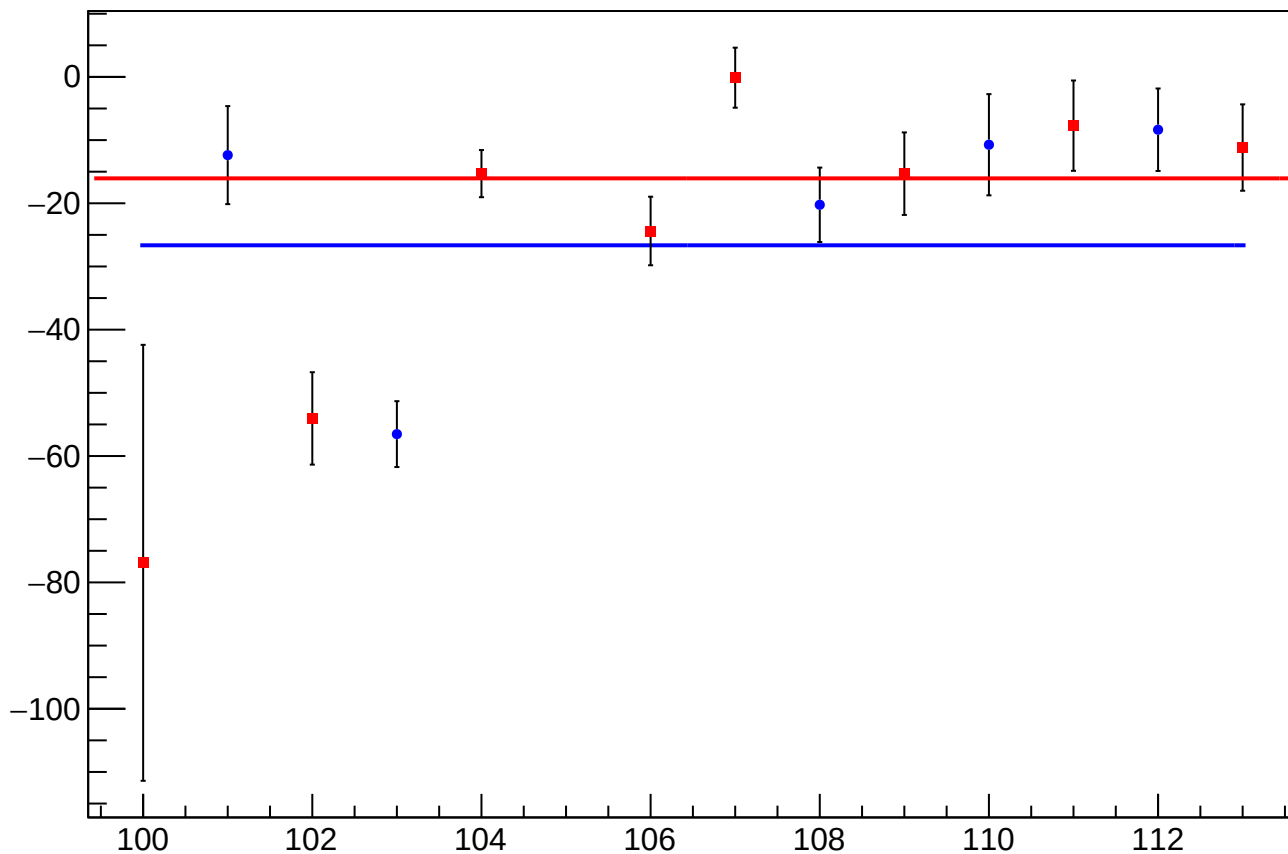
Right: 164.076+/-1.490 χ^2/NDF : 1122.6/12

In: 168.284+/-2.412 χ^2/NDF : 484.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.076+/-1.490 χ^2/NDF : 1122.6/12

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: -16.056 ± 2.067 $\chi^2/\text{NDF}: 45.6/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

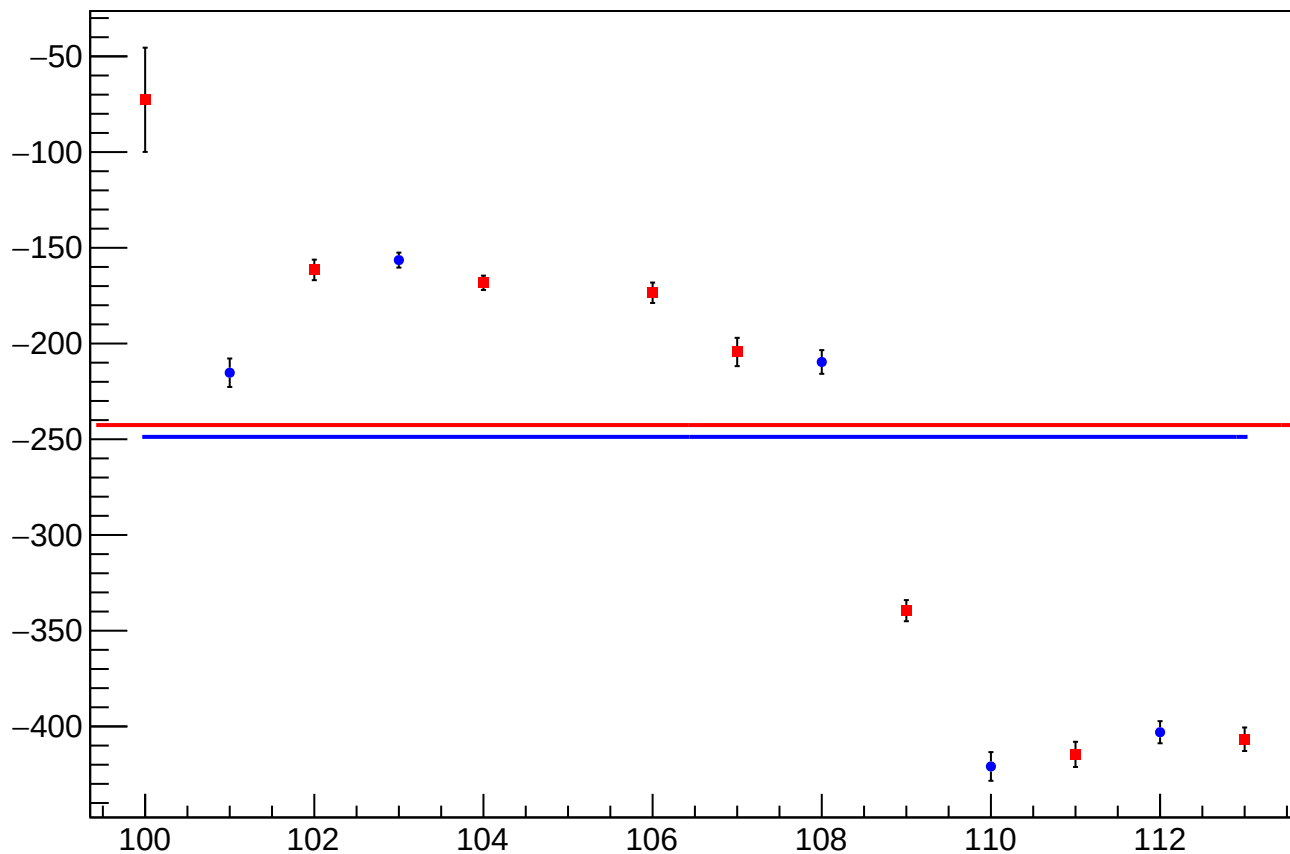
Right: -19.672 ± 1.678 $\chi^2/\text{NDF}: 103.8/12$

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: -19.672 ± 1.678 $\chi^2/\text{NDF}: 103.8/12$

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: -242.588+/-2.025 χ^2/NDF : 2565.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

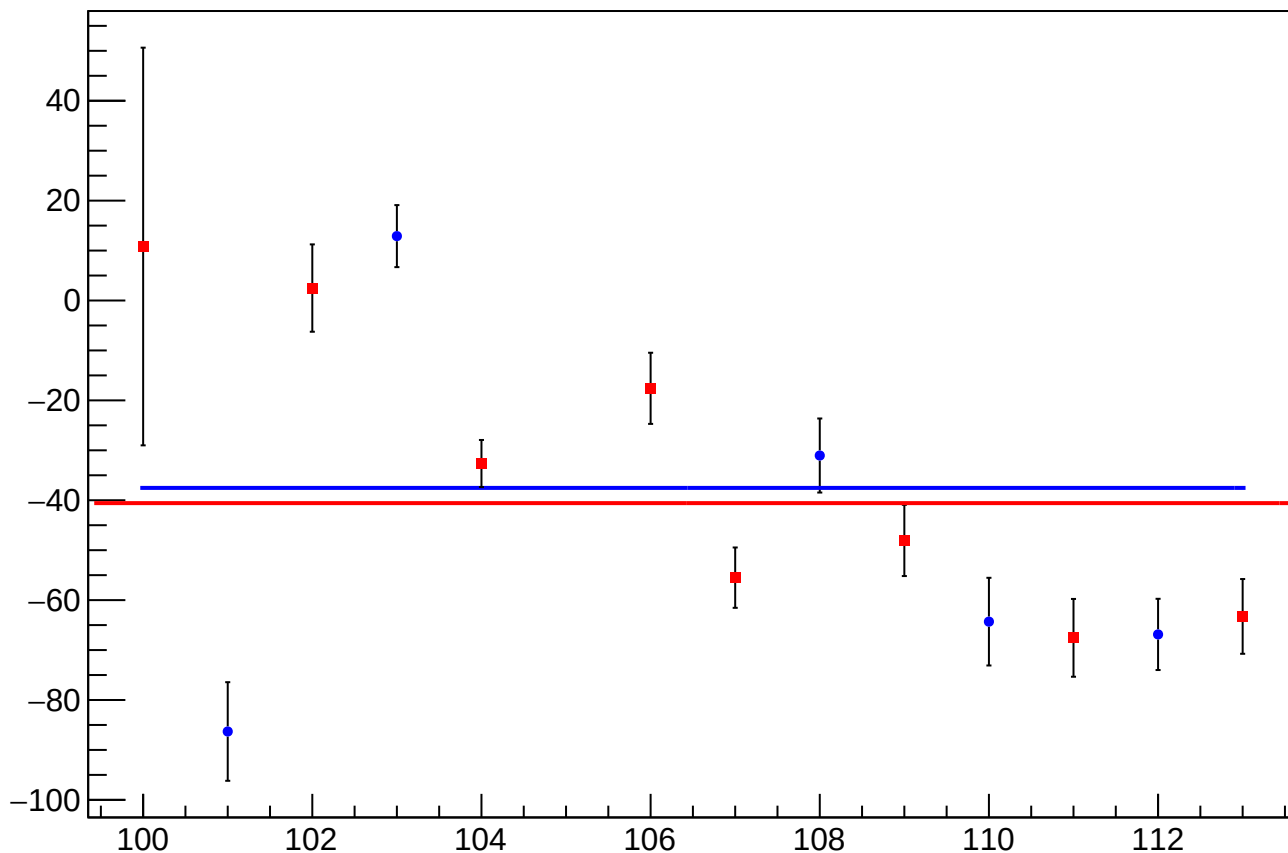
Right: -245.011+/-1.578 χ^2/NDF : 4430.4/12

In: -248.759+/-2.519 χ^2/NDF : 1861.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -245.011+/-1.578 χ^2/NDF : 4430.4/12

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -37.527 ± 3.390 $\chi^2/\text{NDF}: 117.3/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -40.575 ± 2.502 $\chi^2/\text{NDF}: 67.5/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

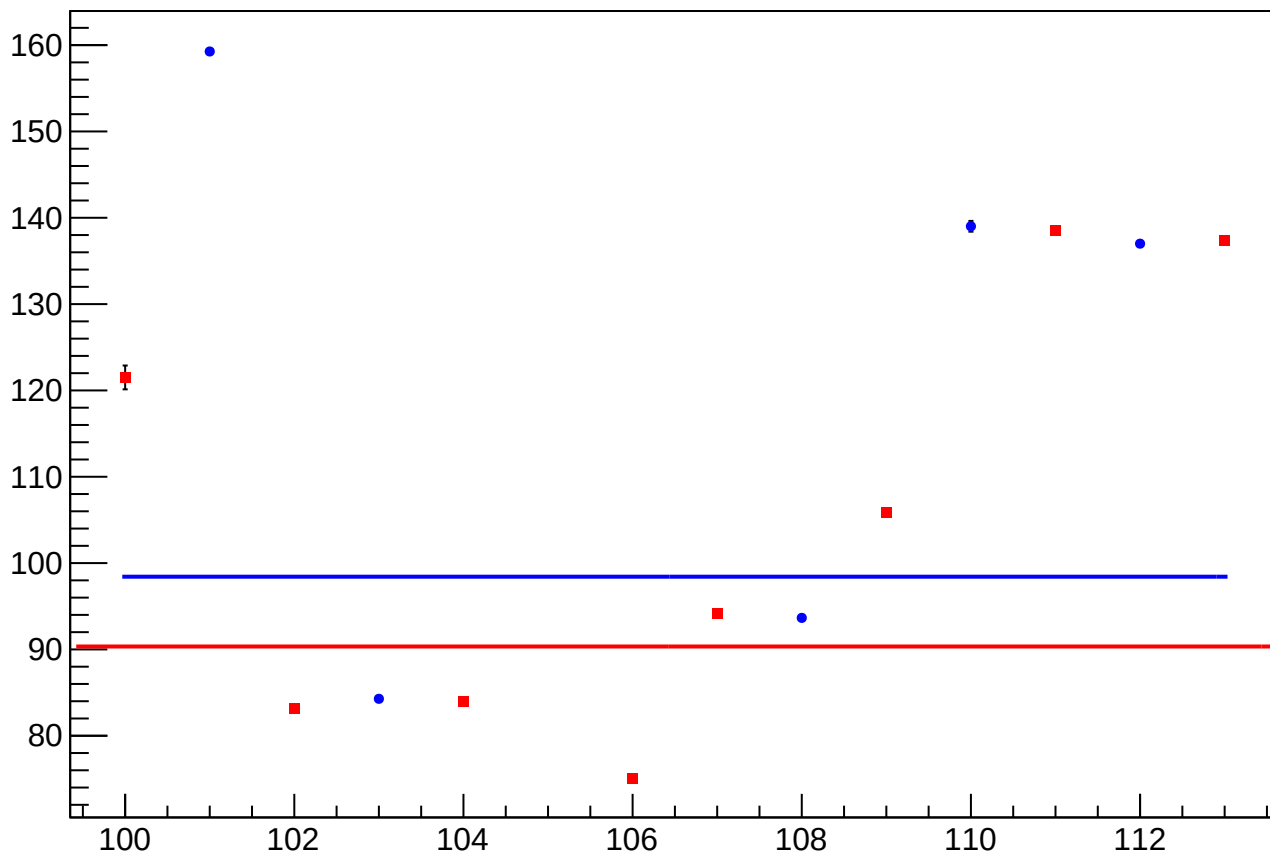
Right: -39.500 ± 2.013 $\chi^2/\text{NDF}: 185.4/12$

In: -37.527 ± 3.390 $\chi^2/\text{NDF}: 117.3/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -39.500 ± 2.013 $\chi^2/\text{NDF}: 185.4/12$

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: 90.340+/-0.104 χ^2/NDF : 27080.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

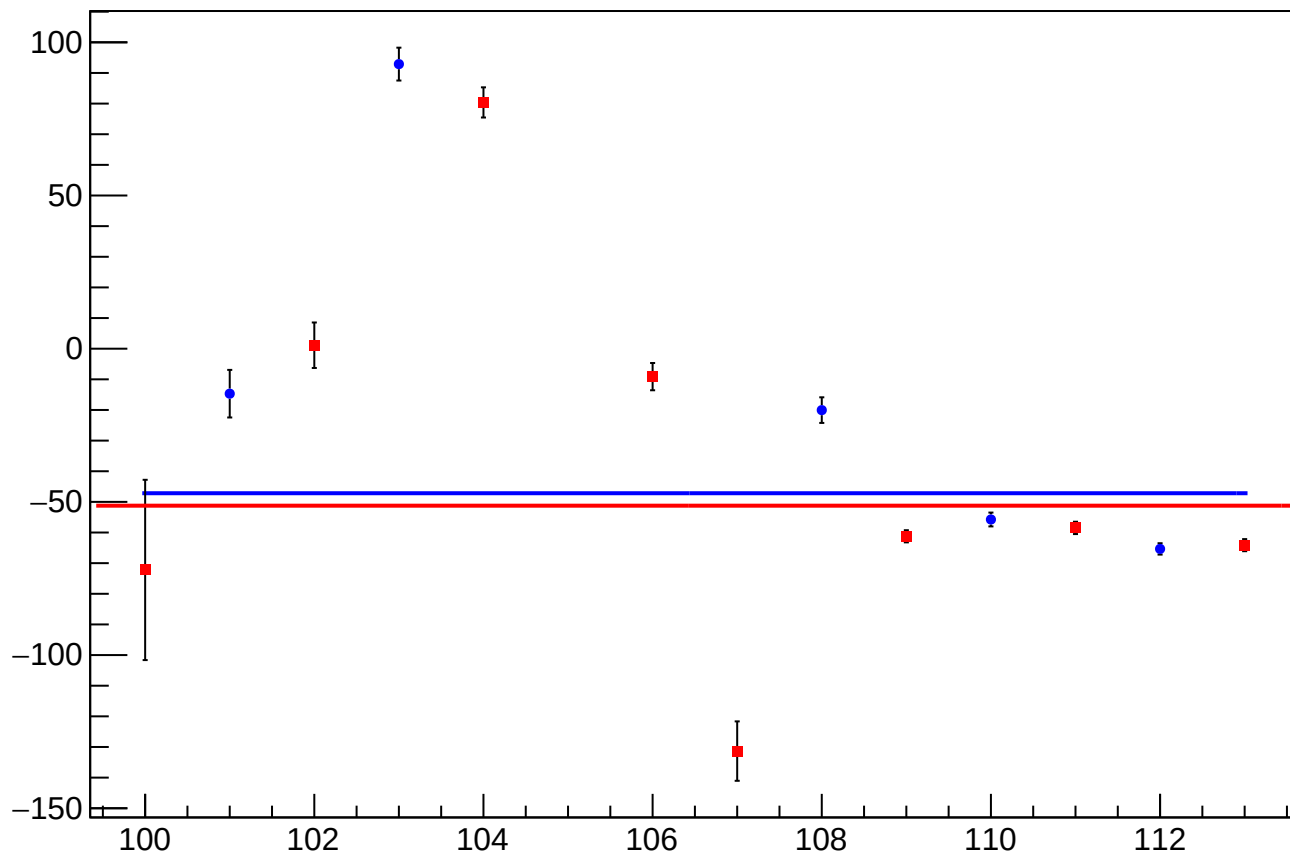
Right: 93.692+/-0.079 χ^2/NDF : 68049.2/12

In: 98.424+/-0.123 χ^2/NDF : 38452.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.692+/-0.079 χ^2/NDF : 68049.2/12

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: -51.240+/-1.067 χ^2/NDF : 1003.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

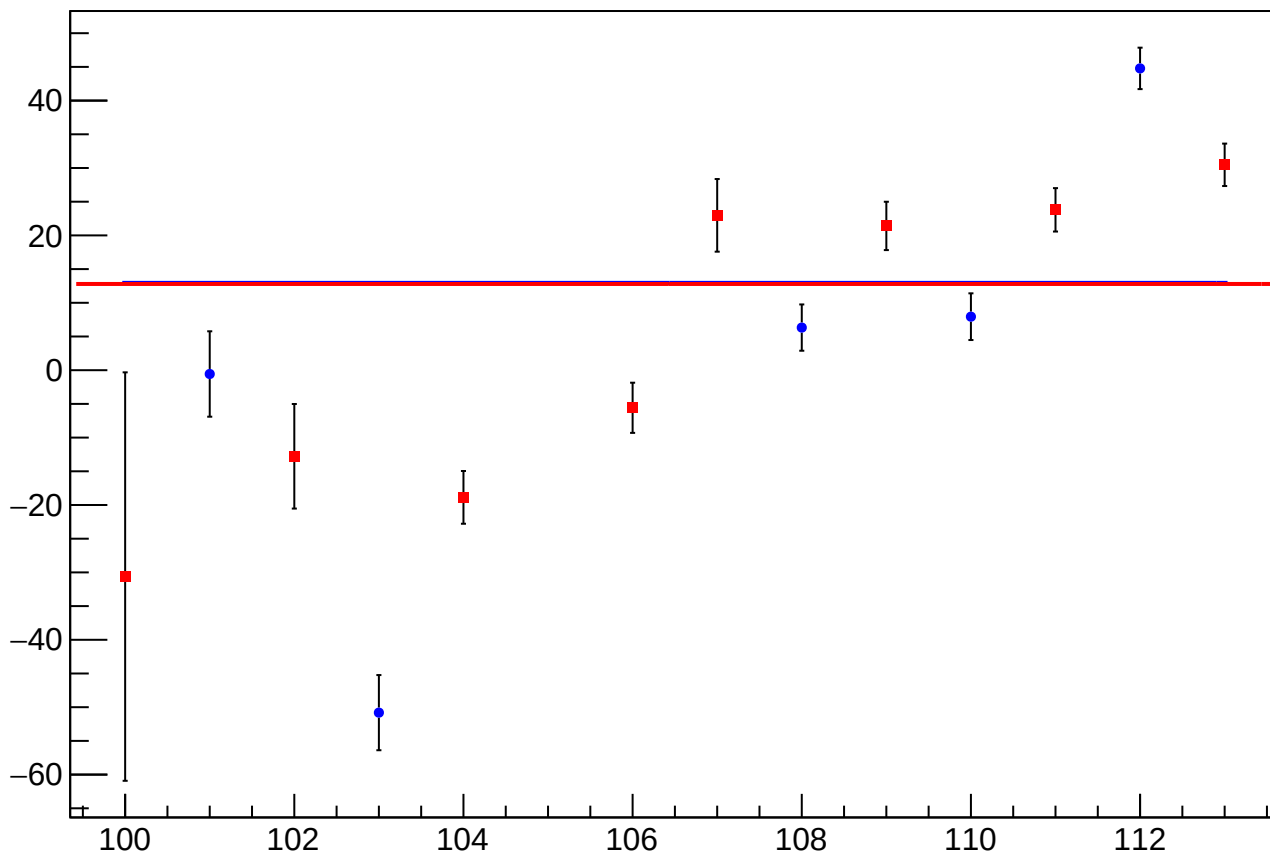
Right: -49.599+/-0.824 χ^2/NDF : 1861.1/12

In: -47.176+/-1.296 χ^2/NDF : 851.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -49.599+/-0.824 χ^2/NDF : 1861.1/12

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: 12.794+/-1.467 χ^2/NDF : 155.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

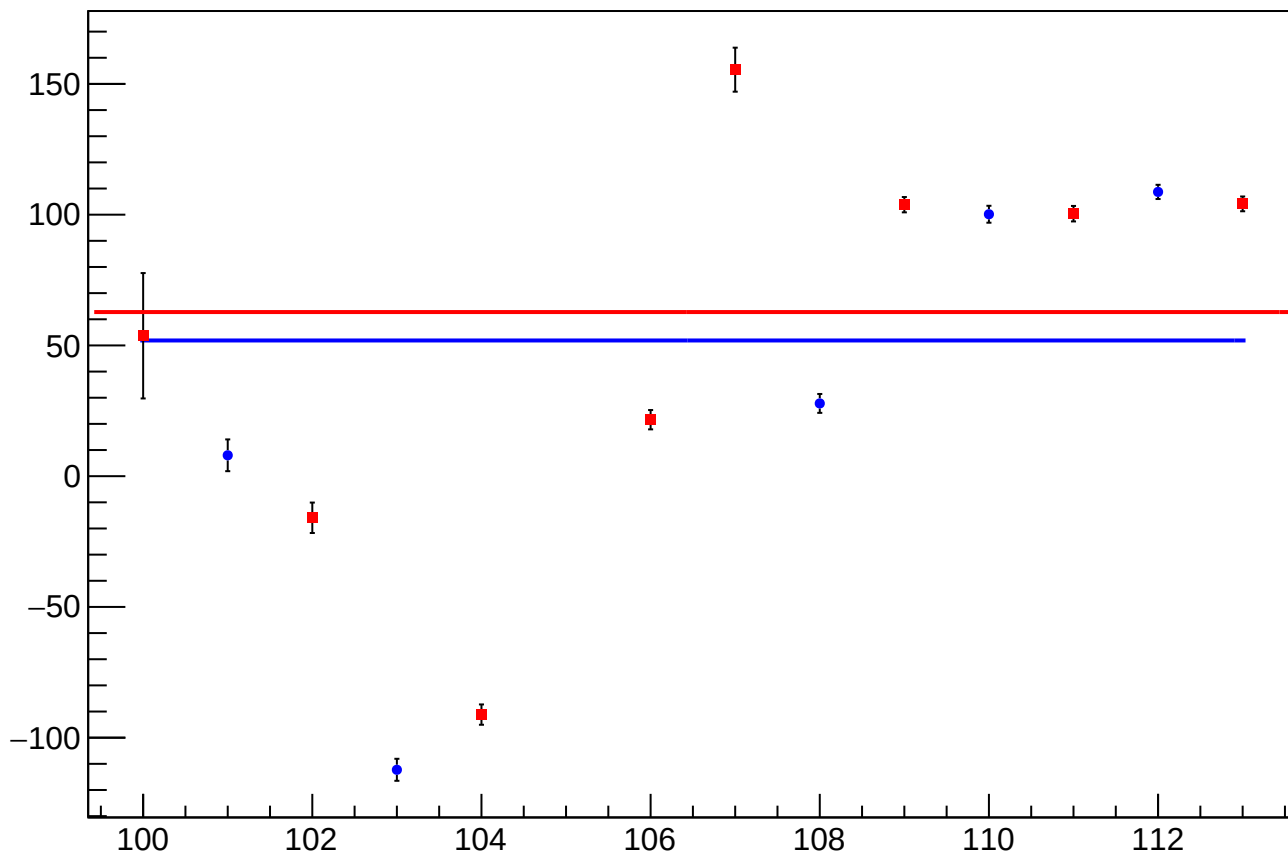
Right: 12.862+/-1.121 χ^2/NDF : 403.6/12

In: 12.958+/-1.738 χ^2/NDF : 248.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.862+/-1.121 χ^2/NDF : 403.6/12

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: 62.761+/-1.360 χ^2/NDF : 2570.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

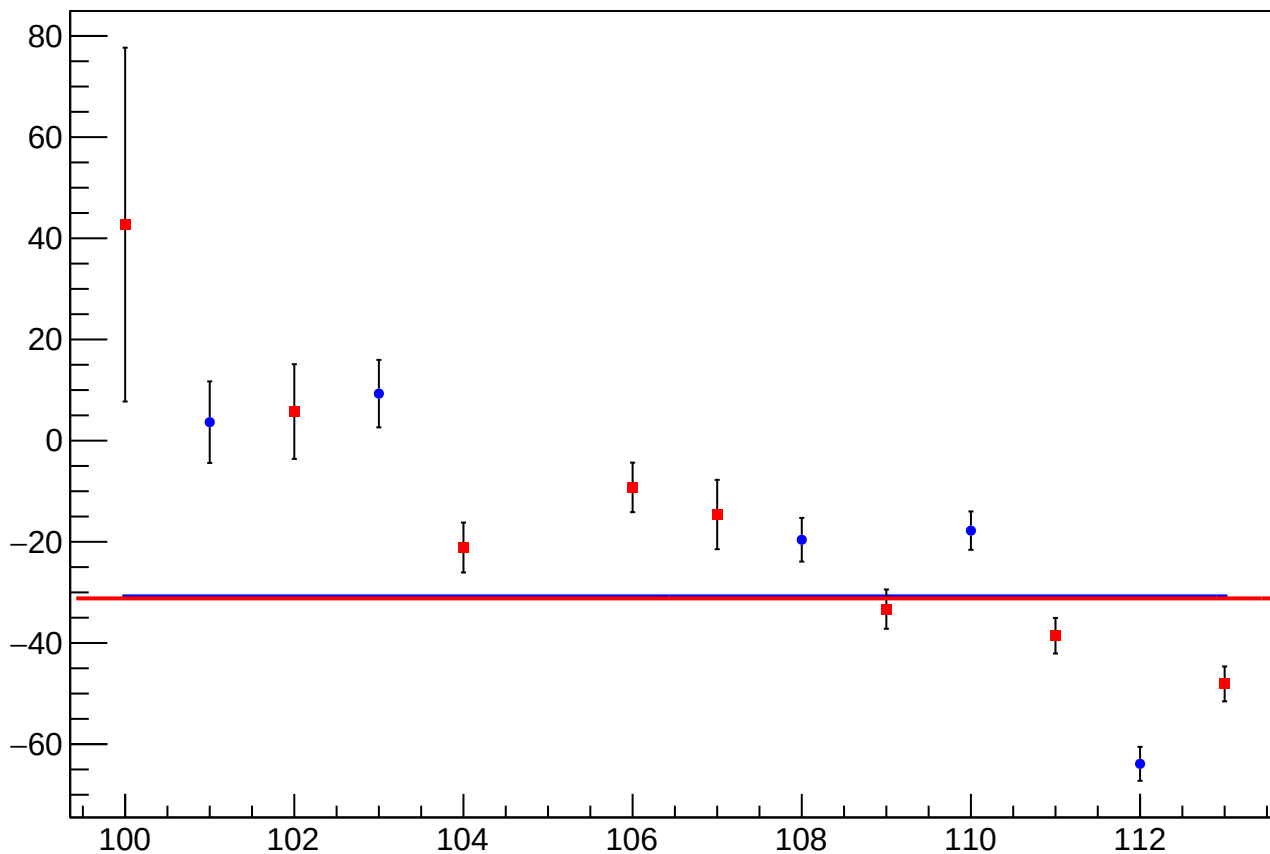
Right: 58.198+/-1.036 χ^2/NDF : 4876.0/12

In: 51.896+/-1.599 χ^2/NDF : 2278.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.198+/-1.036 χ^2/NDF : 4876.0/12

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: -31.183 $\pm$ 1.695 χ^2 /NDF: 78.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

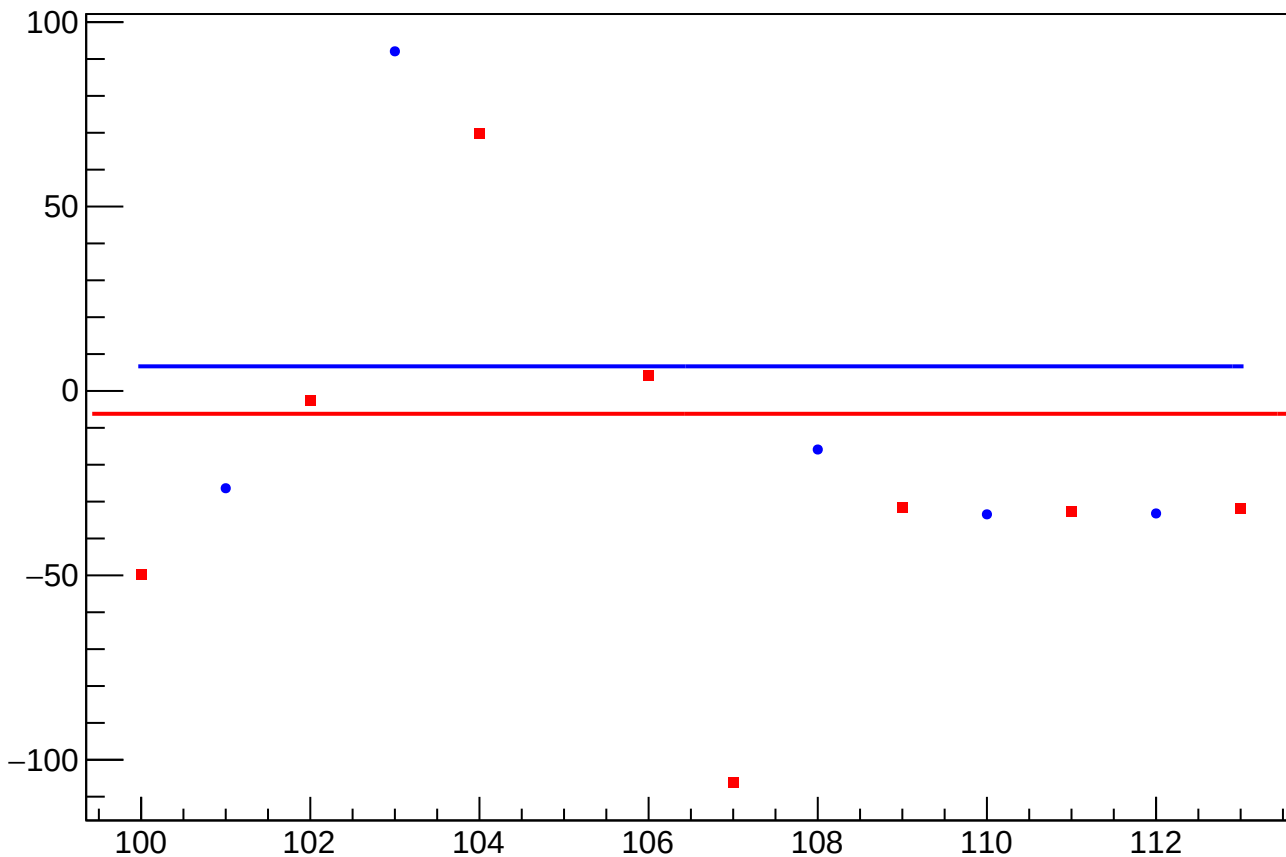
Right: -31.022 $\pm$ 1.293 χ^2 /NDF: 248.9/12

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: -31.022 $\pm$ 1.293 χ^2 /NDF: 248.9/12

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: -6.192+/-0.081 χ^2/NDF : 298113.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

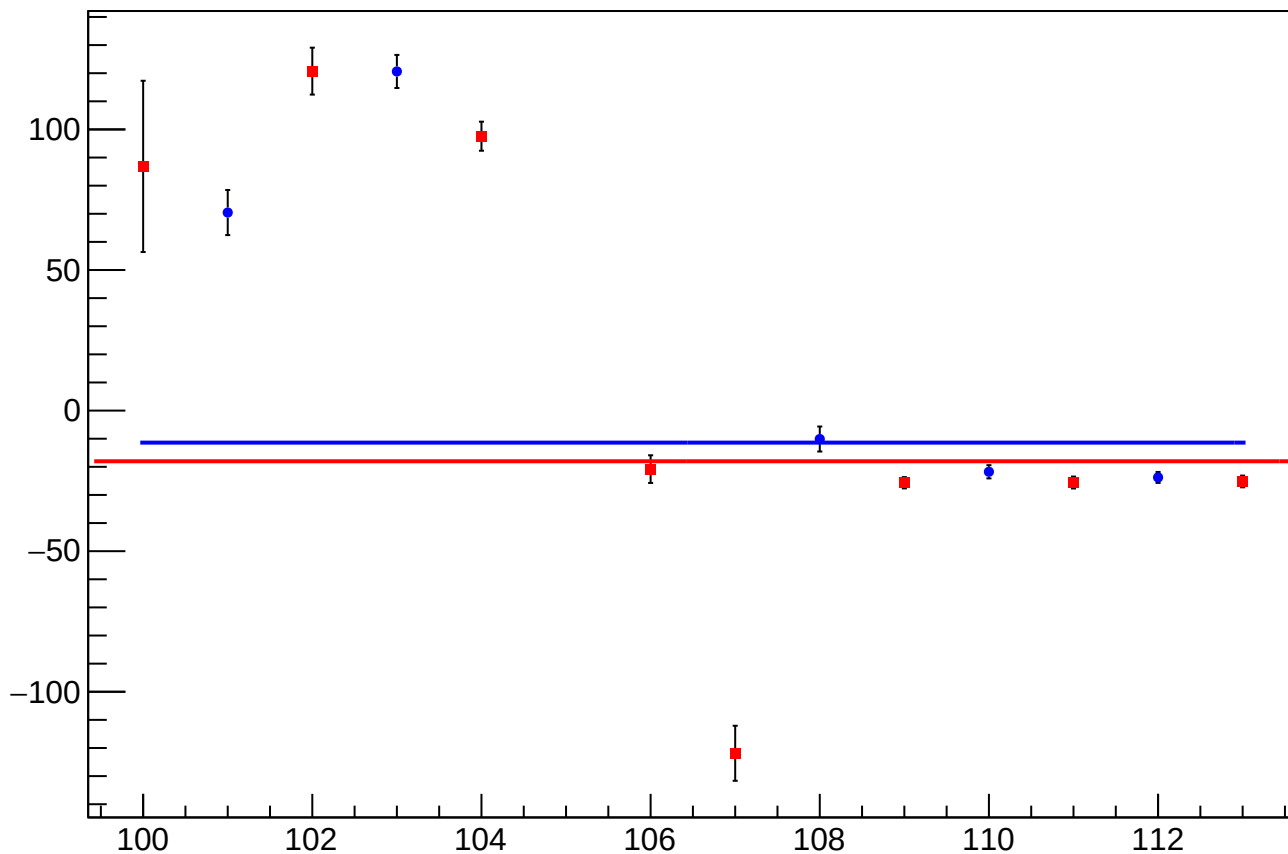
Right: -0.450+/-0.060 χ^2/NDF : 632933.2/12

In: 6.674+/-0.090 χ^2/NDF : 323618.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.450+/-0.060 χ^2/NDF : 632933.2/12

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -11.389 $\pm$ 1.360 χ^2 /NDF: 667.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -18.027 $\pm$ 1.113 χ^2 /NDF: 941.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

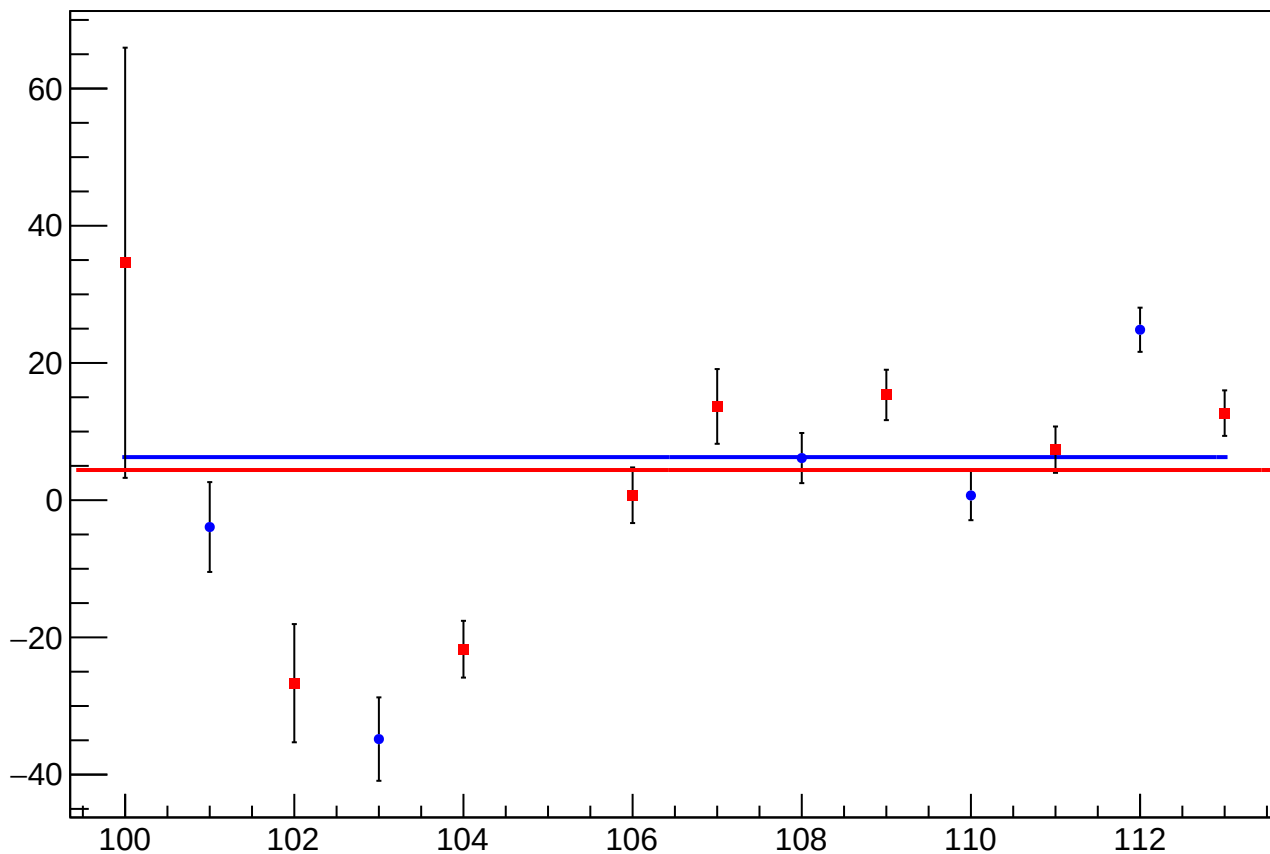
Right: -15.365 $\pm$ 0.862 χ^2 /NDF: 1623.0/12

In: -11.389 $\pm$ 1.360 χ^2 /NDF: 667.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -15.365 $\pm$ 0.862 χ^2 /NDF: 1623.0/12

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.278 $\pm$ 1.830 χ^2 /NDF: 83.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4.397 $\pm$ 1.543 χ^2 /NDF: 73.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

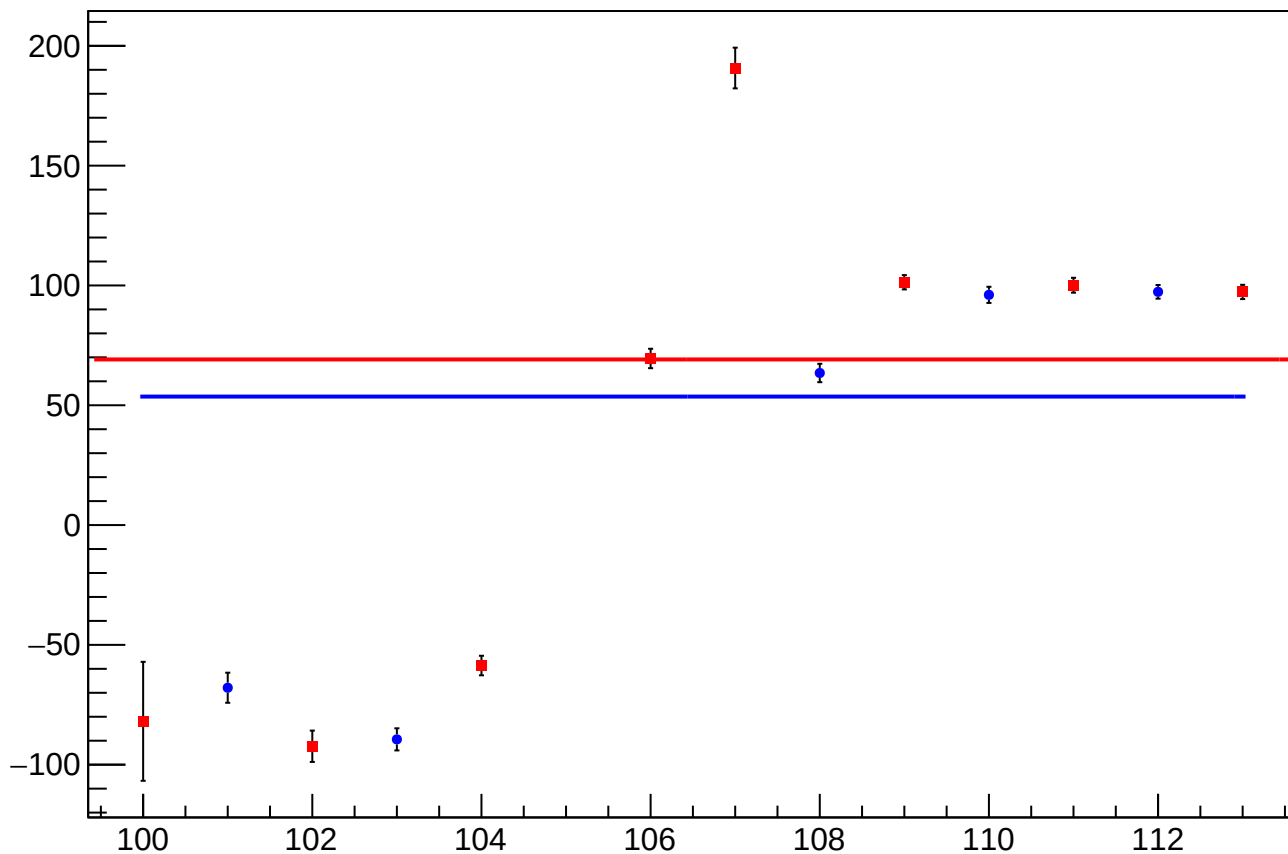
Right: 5.178 $\pm$ 1.179 χ^2 /NDF: 157.8/12

In: 6.278 $\pm$ 1.830 χ^2 /NDF:83.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 5.178 $\pm$ 1.179 χ^2 /NDF: 157.8/12

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: 69.122+/-1.431 χ^2/NDF : 2138.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

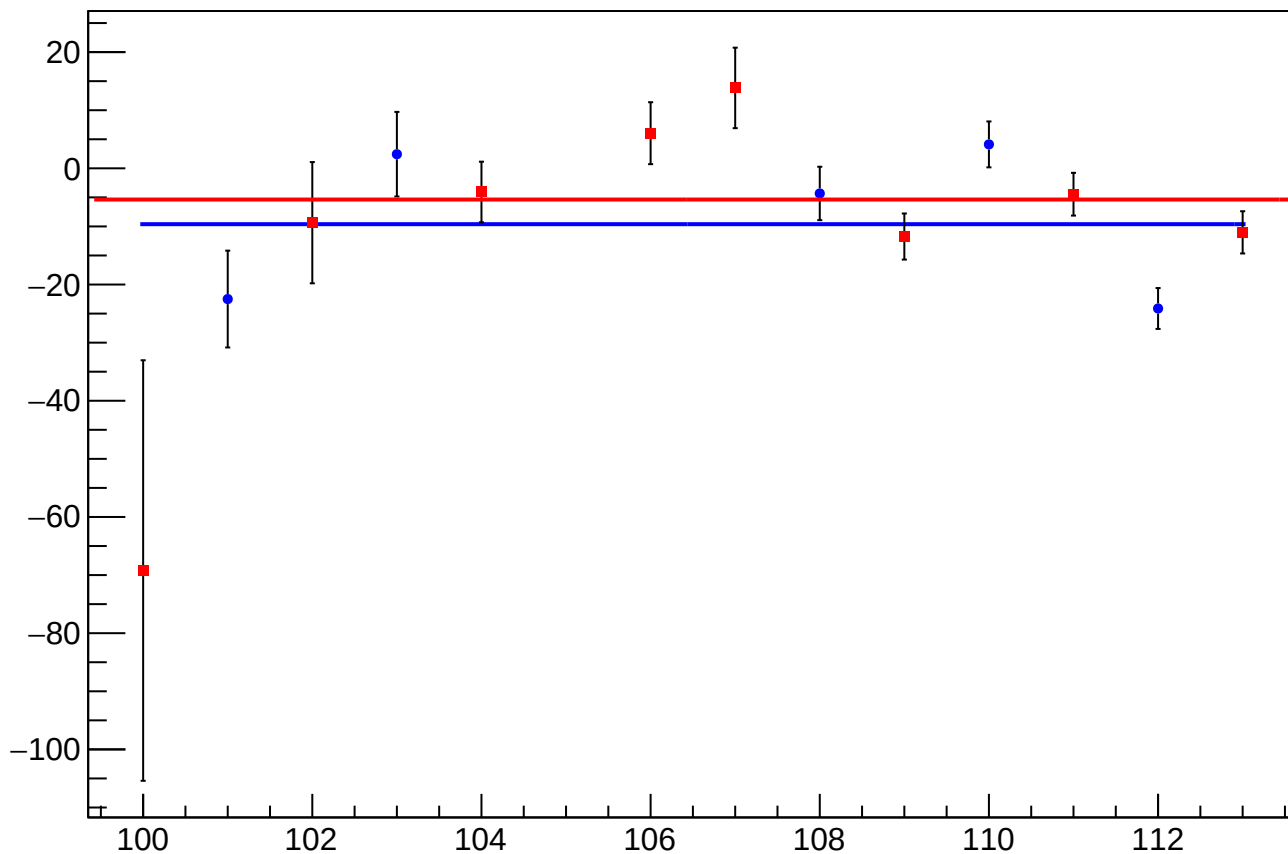
Right: 62.635+/-1.091 χ^2/NDF : 3925.4/12

In: 53.624+/-1.686 χ^2/NDF : 1737.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.635+/-1.091 χ^2/NDF : 3925.4/12

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: -5.372+/-1.779 χ^2/NDF : 20.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

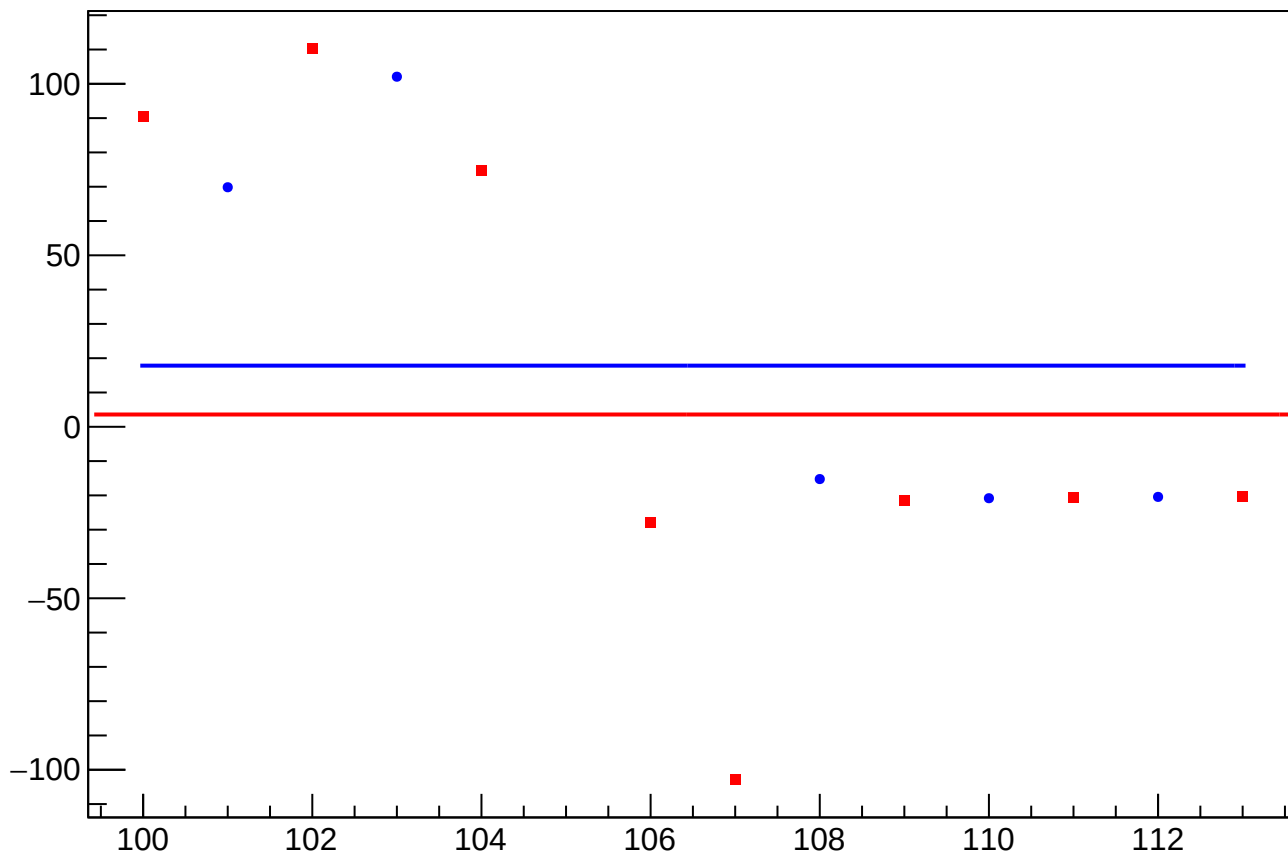
Right: -7.139+/-1.359 χ^2/NDF : 58.6/12

In: -9.613+/-2.105 χ^2/NDF : 35.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.139+/-1.359 χ^2/NDF : 58.6/12

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: 3.585+/-0.086 χ^2/NDF : 434074.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

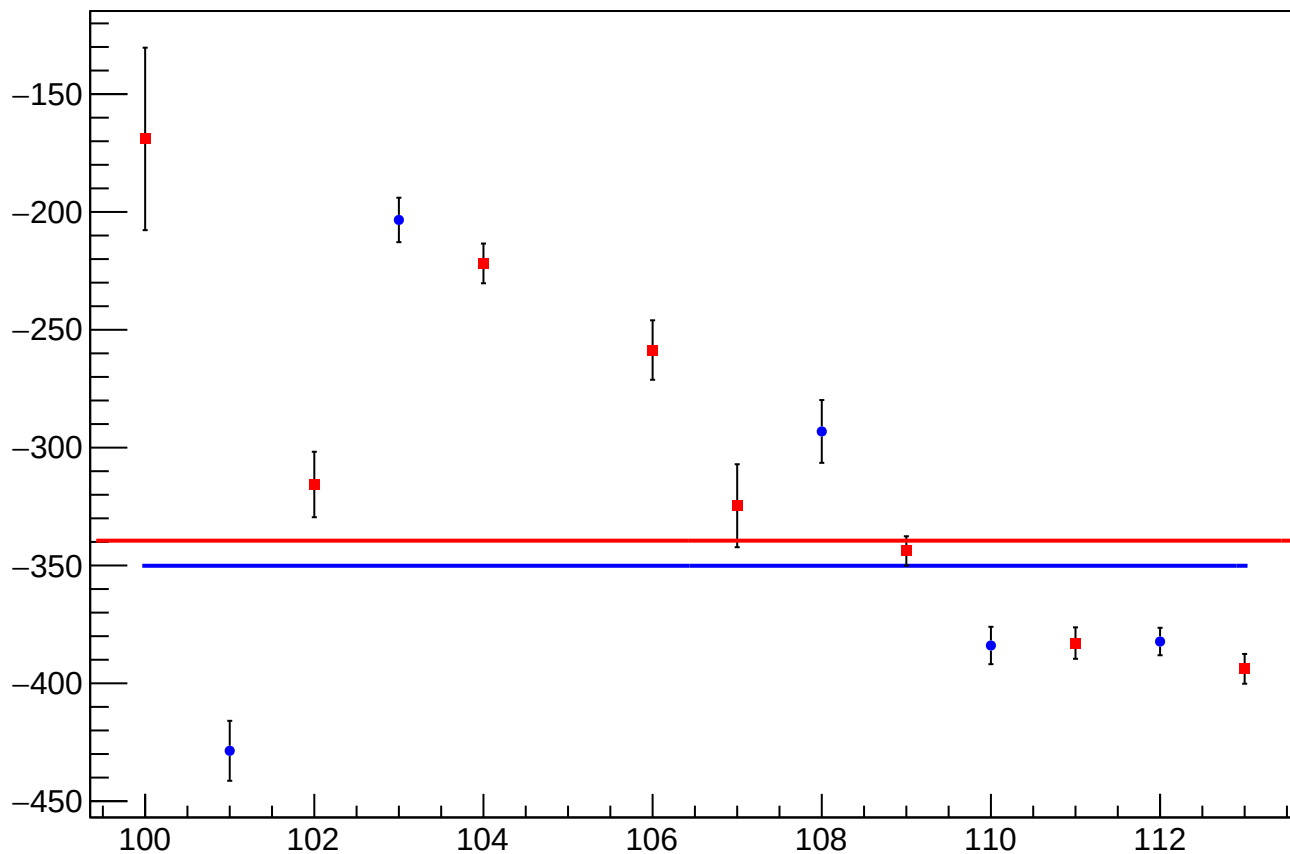
Right: 9.930+/-0.064 χ^2/NDF : 747797.4/12

In: 17.831+/-0.096 χ^2/NDF : 301606.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.930+/-0.064 χ^2/NDF : 747797.4/12

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: -339.472+/-3.120 χ^2 /NDF: 376.0/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

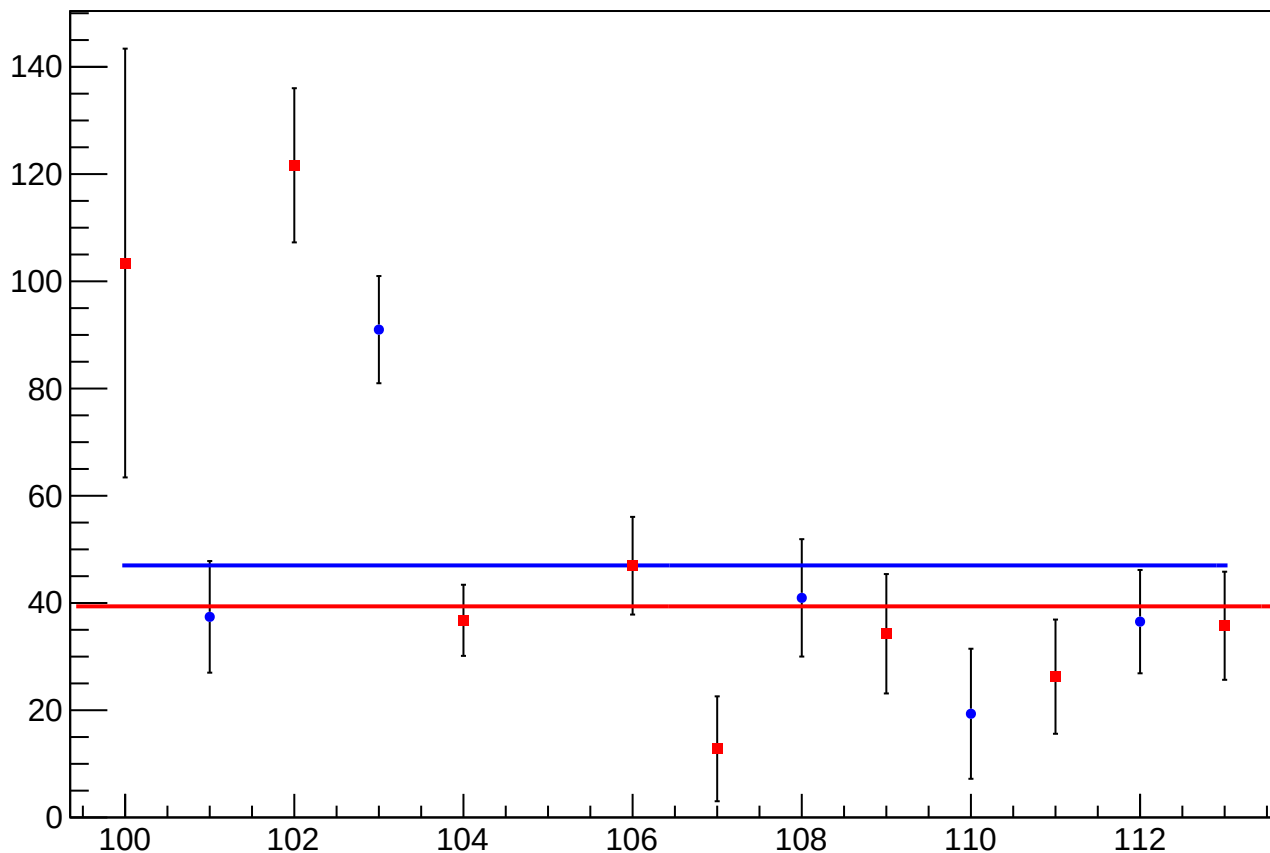
Right: -343.732+/-2.417 χ^2 /NDF: 727.9/12

In: -350.123+/-3.822 χ^2 /NDF:347.2/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -343.732+/-2.417 χ^2 /NDF: 727.9/12

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: 39.374+/-3.594 χ^2/NDF : 45.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

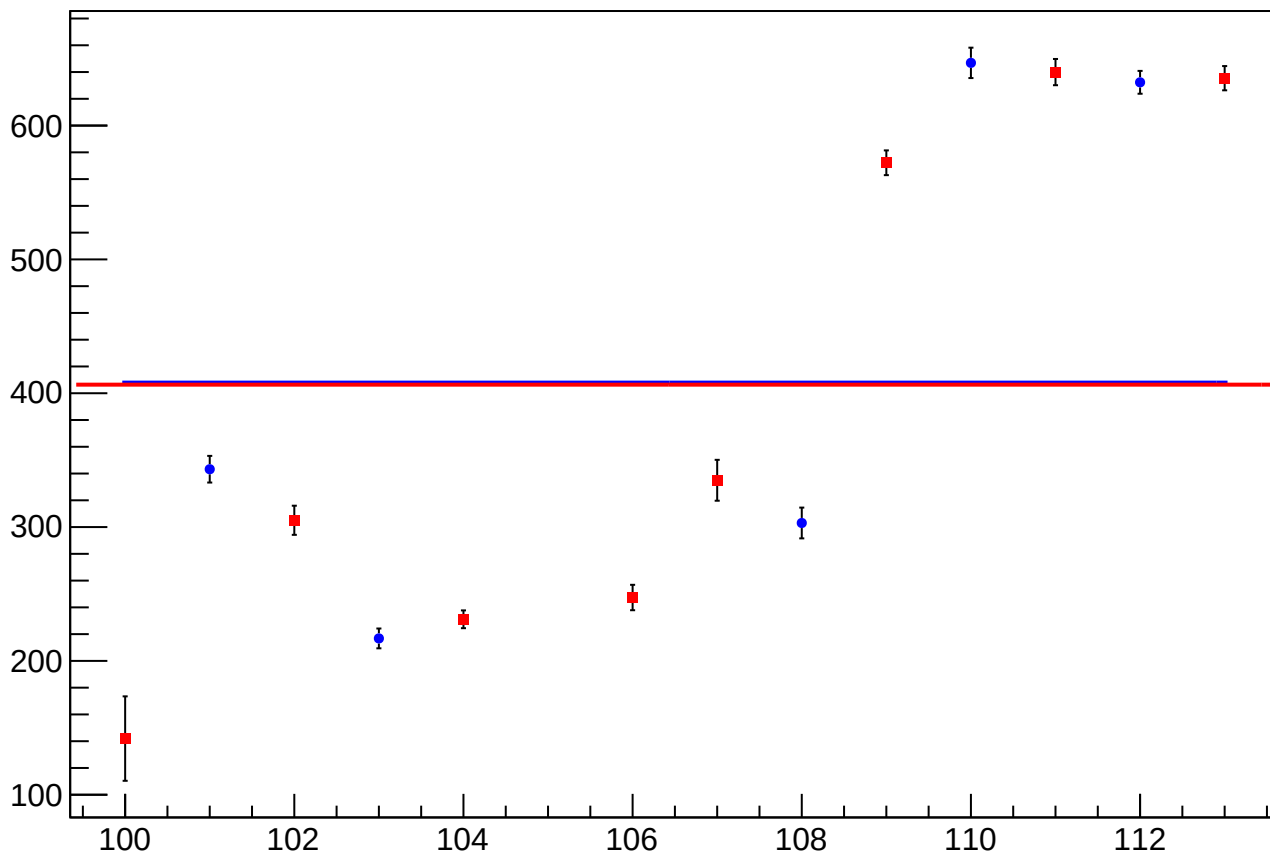
Right: 42.186+/-2.857 χ^2/NDF : 73.9/12

In: 47.009+/-4.707 χ^2/NDF : 26.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.186+/-2.857 χ^2/NDF : 73.9/12

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: 406.411 $\pm$ 3.497 χ^2 /NDF: 2684.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

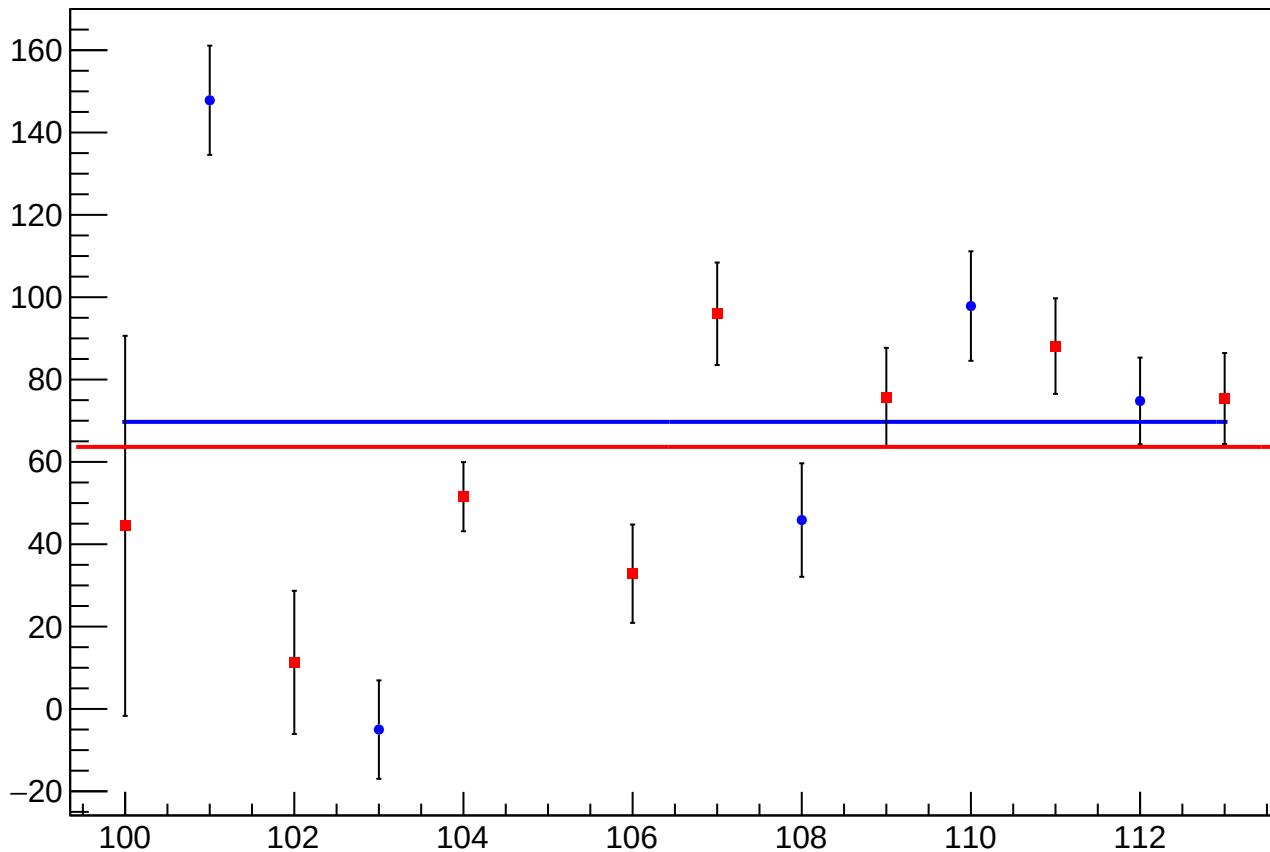
Right: 407.040 $\pm$ 2.680 χ^2 /NDF: 4612.3/12

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: 407.040 $\pm$ 2.680 χ^2 /NDF: 4612.3/12

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: 63.643 $\pm$ 4.306 χ^2 /NDF: 31.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

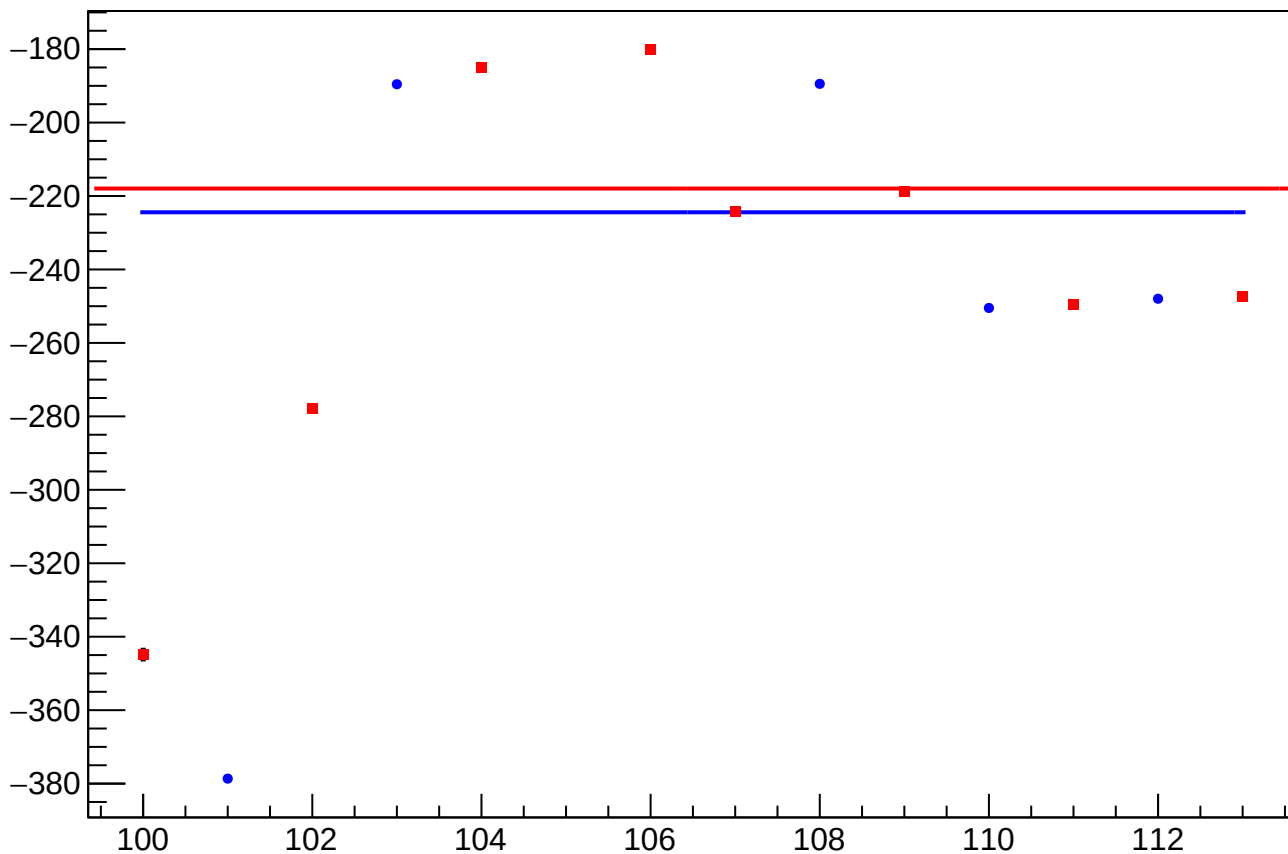
Right: 65.936 $\pm$ 3.399 χ^2 /NDF: 113.5/12

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: 65.936 $\pm$ 3.399 χ^2 /NDF: 113.5/12

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: -217.962+/-0.193 χ^2/NDF : 41675.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

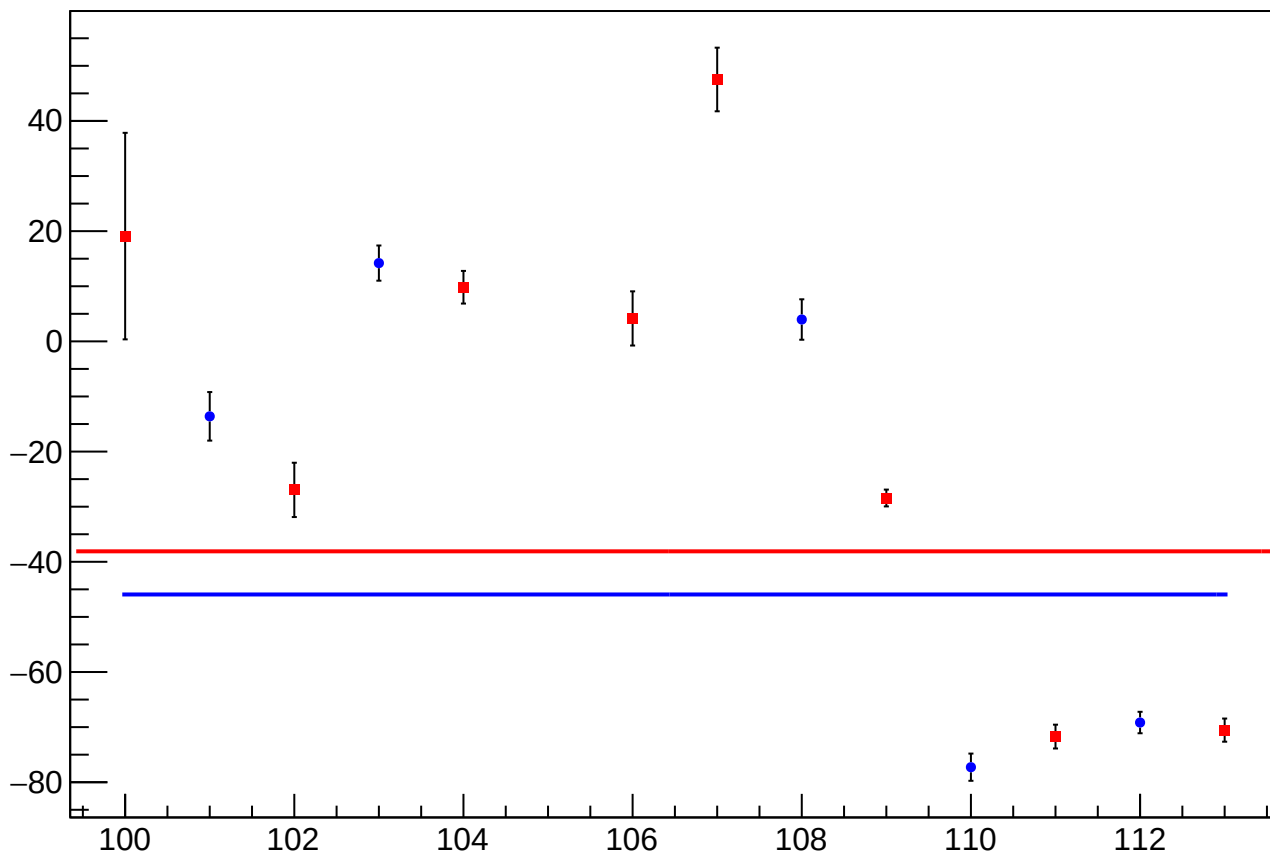
Right: -220.799+/-0.144 χ^2/NDF : 129529.9/12

In: -224.427+/-0.218 χ^2/NDF : 87361.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -220.799+/-0.144 χ^2/NDF : 129529.9/12

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -45.930 $\pm$ 1.239 χ^2 /NDF: 897.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -38.101 $\pm$ 0.954 χ^2 /NDF: 1090.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

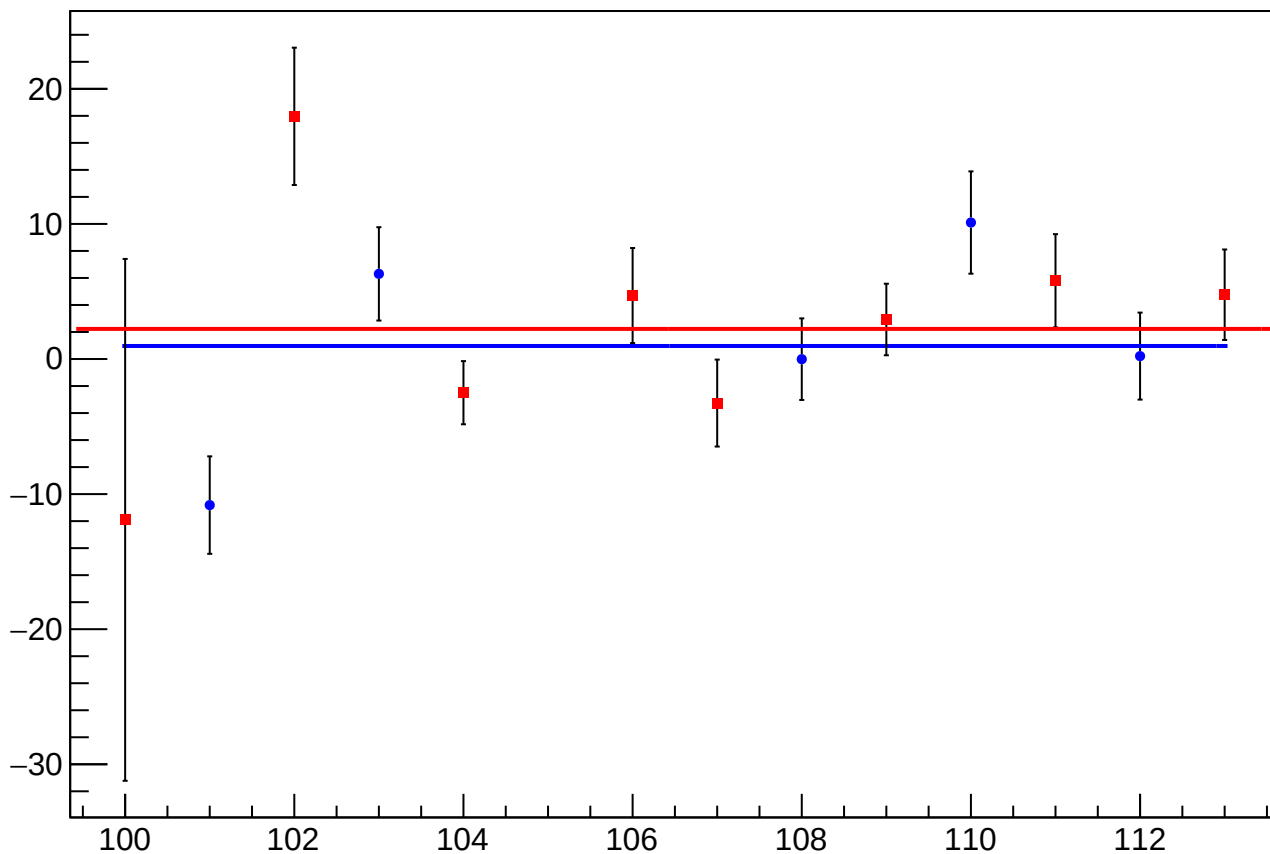
Right: -41.015 $\pm$ 0.756 χ^2 /NDF: 2013.1/12

In: -45.930 $\pm$ 1.239 χ^2 /NDF:897.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -41.015 $\pm$ 0.756 χ^2 /NDF: 2013.1/12

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.965+/-1.514 χ^2/NDF : 19.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.229+/-1.181 χ^2/NDF : 19.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

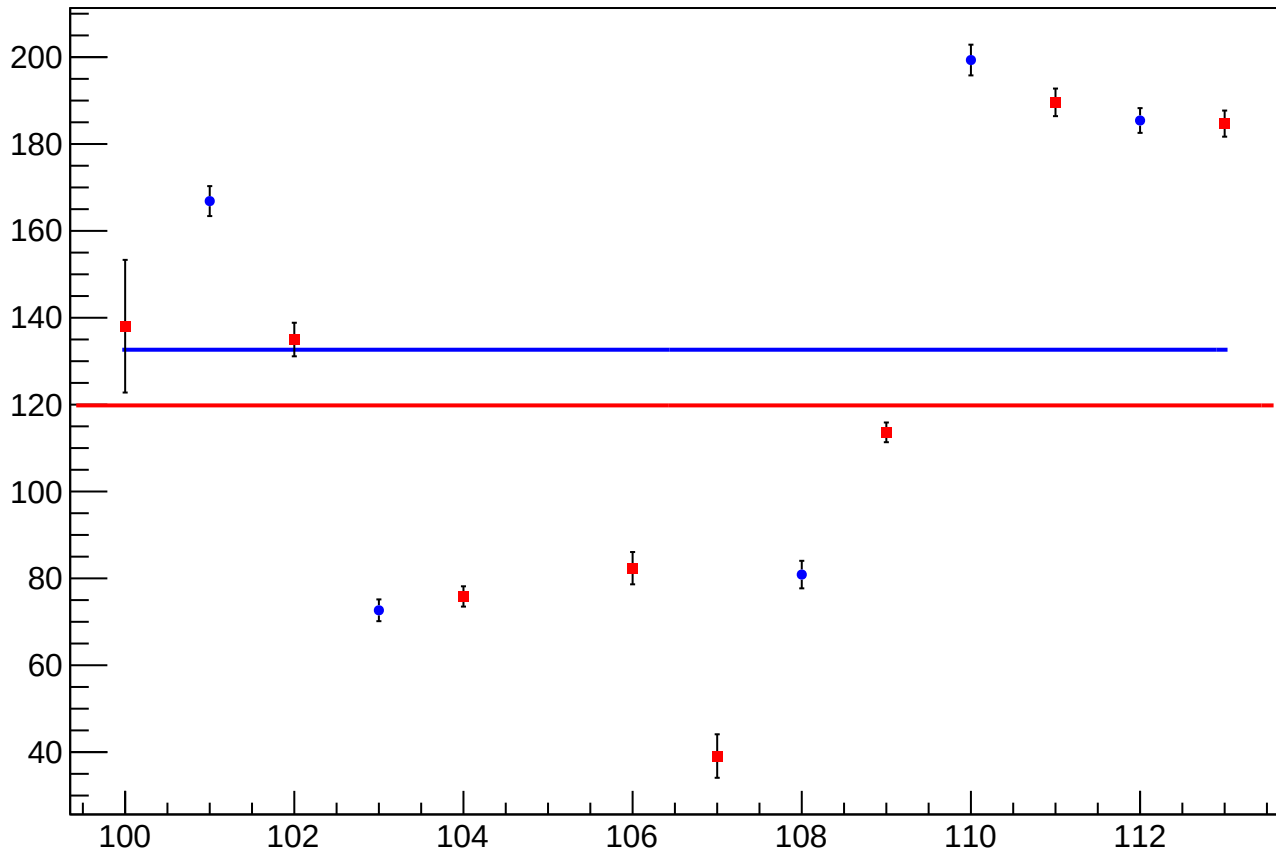
Right: 1.751+/-0.931 χ^2/NDF : 38.8/12

In: 0.965+/-1.514 χ^2/NDF : 19.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.751+/-0.931 χ^2/NDF : 38.8/12

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 132.640 $\pm$ 1.353 χ^2 /NDF: 1636.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 119.822 $\pm$ 1.139 χ^2 /NDF: 1687.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

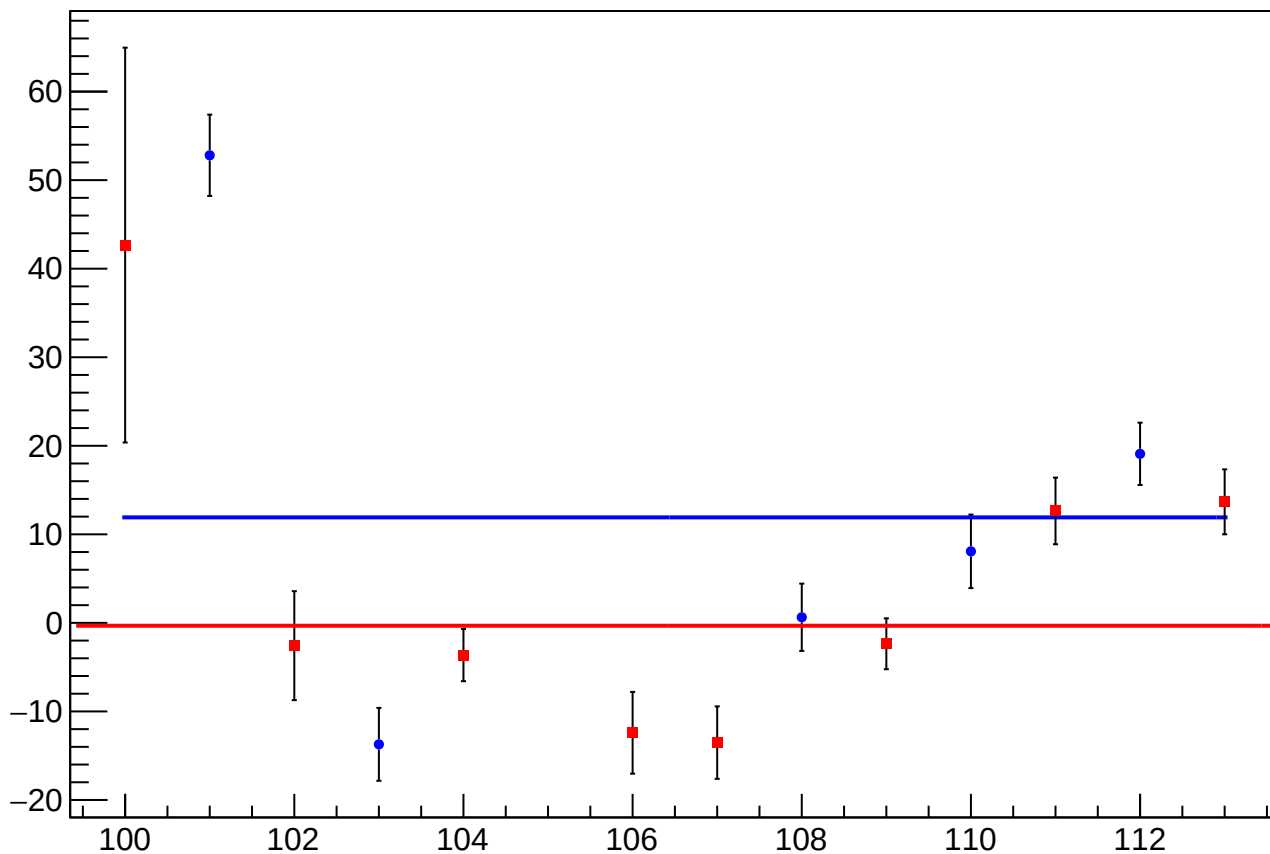
Right: 125.138 $\pm$ 0.872 χ^2 /NDF: 3377.0/12

In: 132.640 $\pm$ 1.353 χ^2 /NDF:1636.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 125.138 $\pm$ 0.872 χ^2 /NDF: 3377.0/12

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: -0.324+/-1.392 χ^2 /NDF: 49.3/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

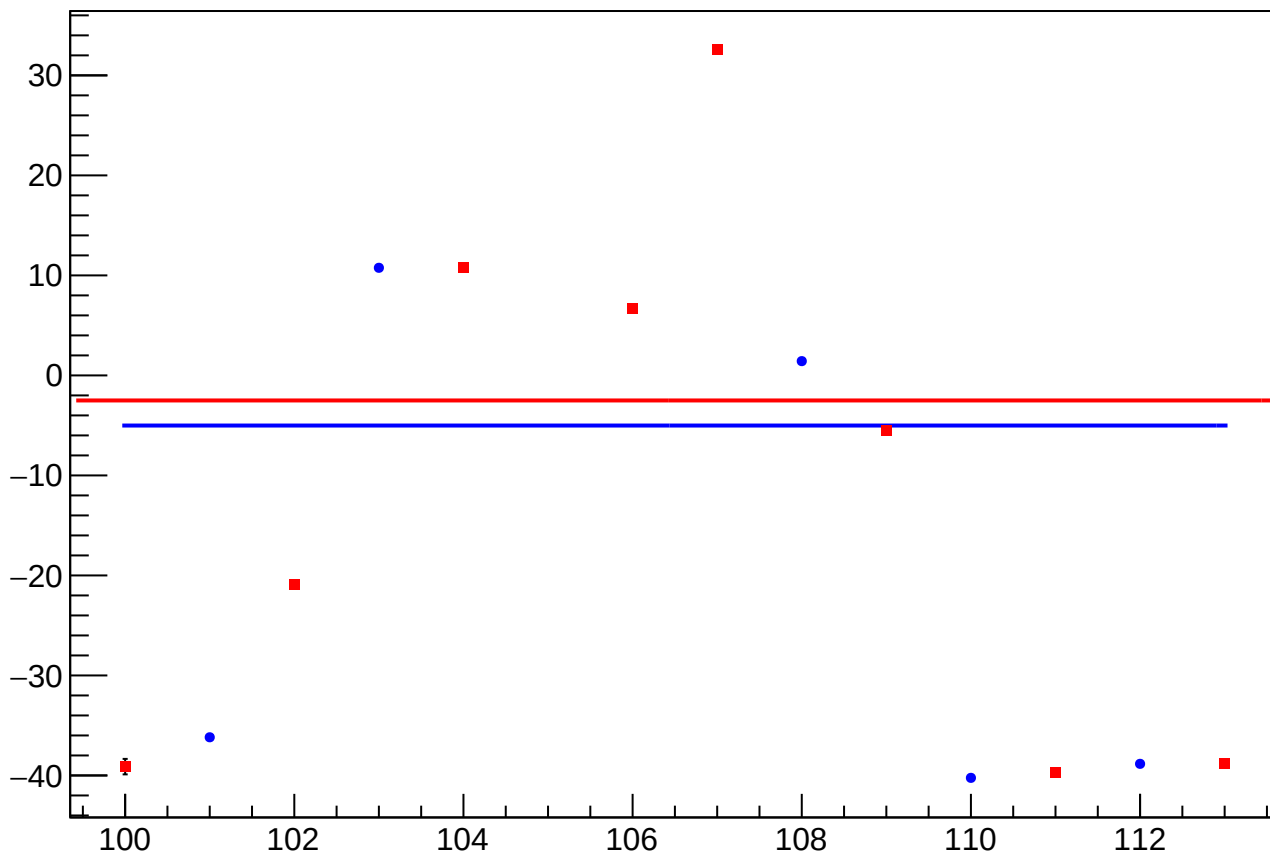
Right: 4.309+/-1.097 χ^2 /NDF: 210.4/12

In: 11.915+/-1.783 χ^2 /NDF:131.8/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 4.309+/-1.097 χ^2 /NDF: 210.4/12

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: -2.504 $\pm$ 0.065 χ^2 /NDF: 107933.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

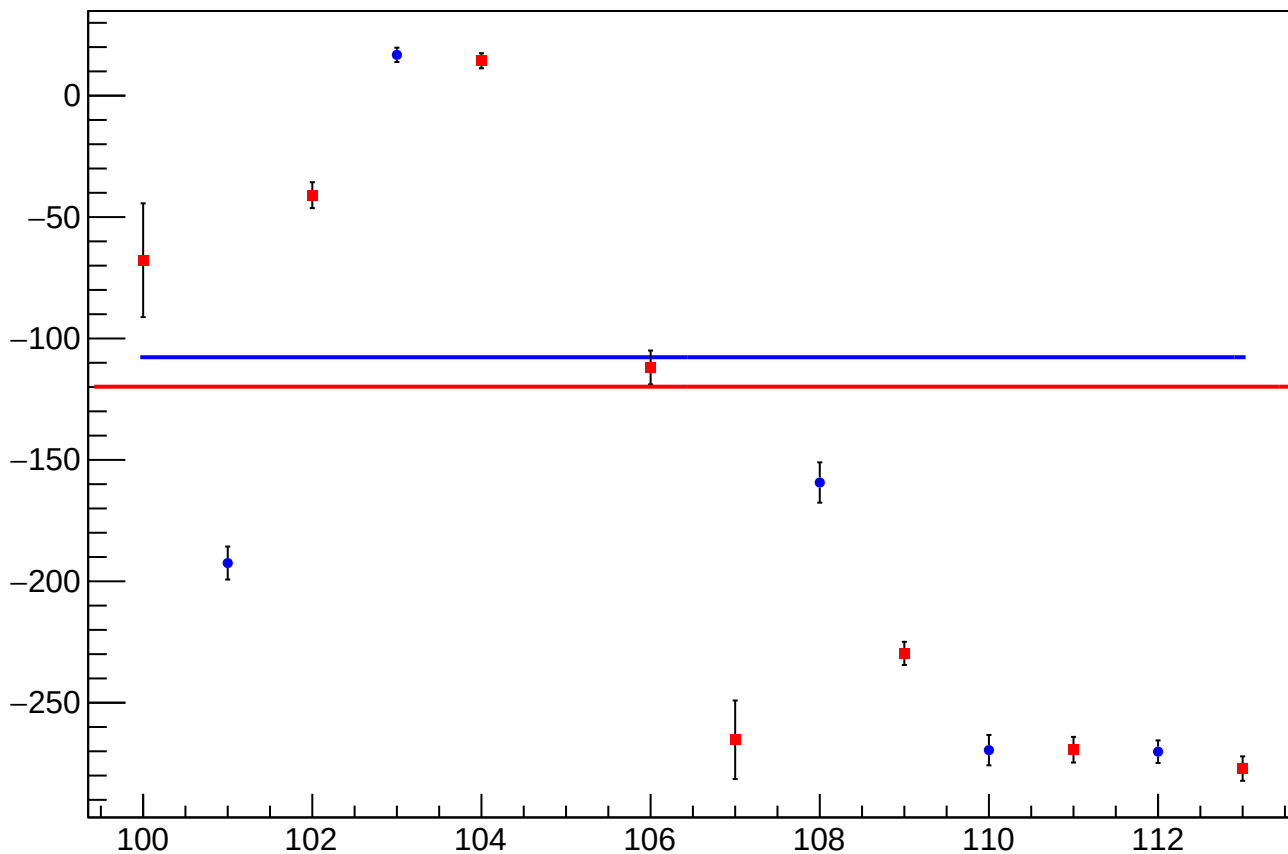
Right: -3.666 $\pm$ 0.047 χ^2 /NDF: 194163.6/12

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: -3.666 $\pm$ 0.047 χ^2 /NDF: 194163.6/12

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: -119.850+/-1.875 χ^2/NDF : 4486.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

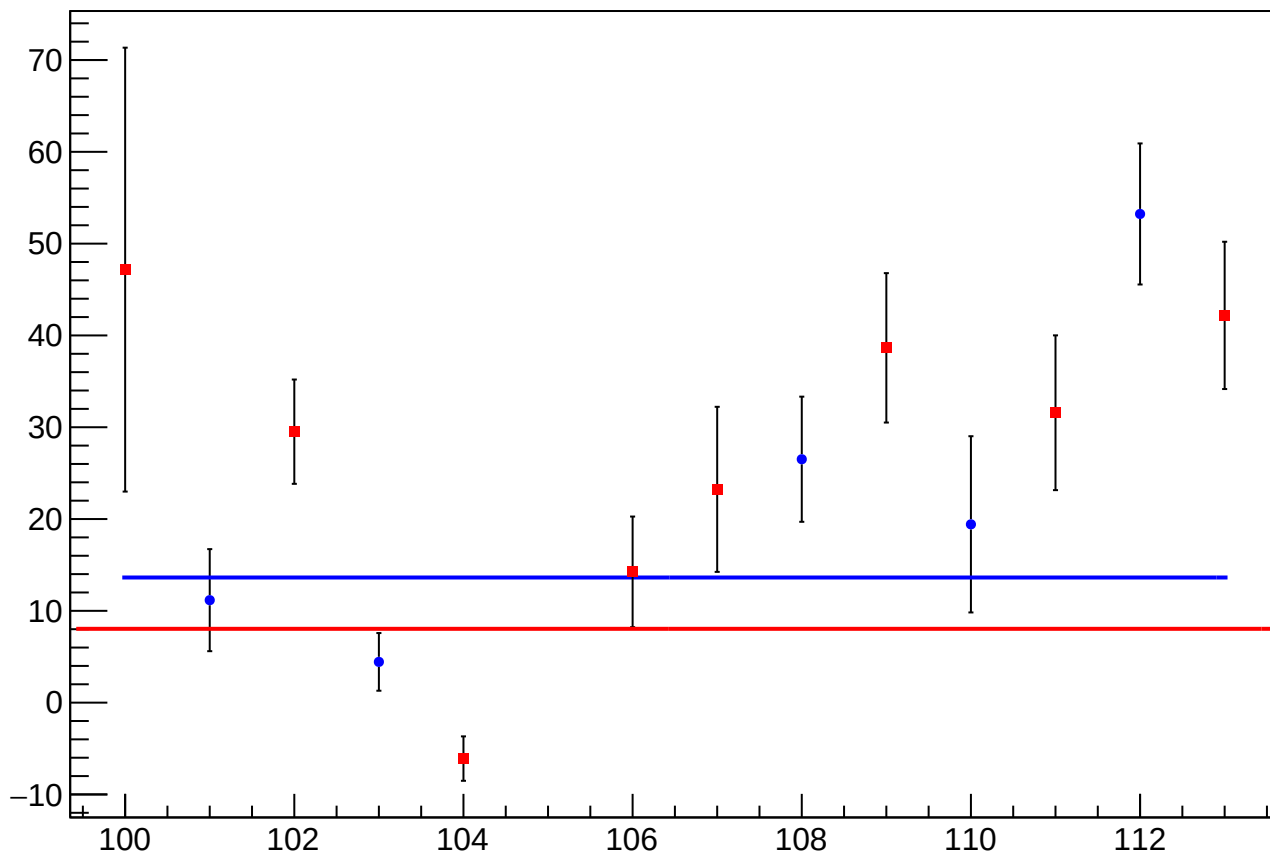
Right: -114.526+/-1.405 χ^2/NDF : 8363.7/12

In: -107.718+/-2.120 χ^2/NDF : 3859.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -114.526+/-1.405 χ^2/NDF : 8363.7/12

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: 8.041 $\pm$ 1.863 χ^2 /NDF: 95.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

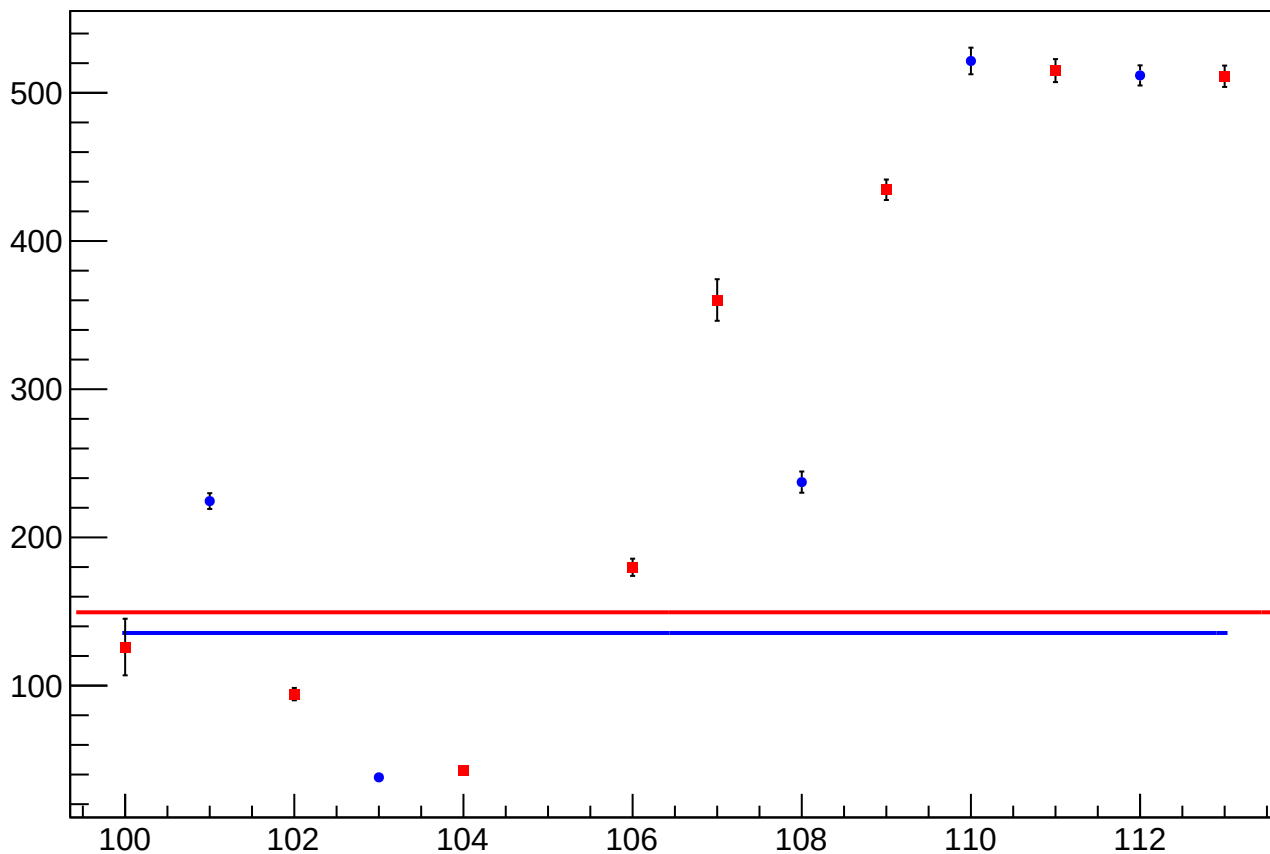
Right: 10.212 $\pm$ 1.457 χ^2 /NDF: 137.8/12

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: 10.212 $\pm$ 1.457 χ^2 /NDF: 137.8/12

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: 149.477+/-1.773 χ^2/NDF : 8766.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

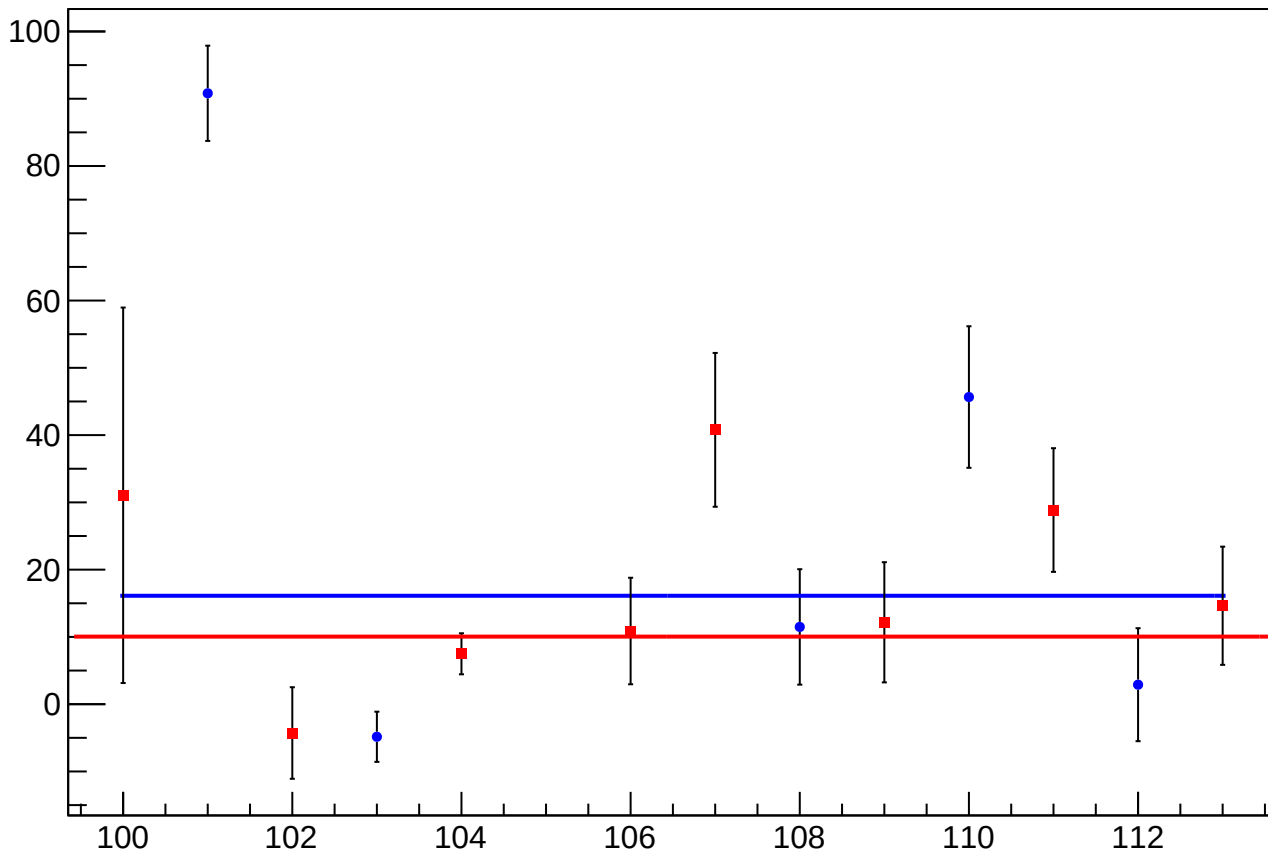
Right: 143.018+/-1.299 χ^2/NDF : 15947.3/12

In: 135.525+/-1.909 χ^2/NDF : 7152.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.018+/-1.299 χ^2/NDF : 15947.3/12

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: 10.047+/-2.286 χ^2/NDF : 17.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

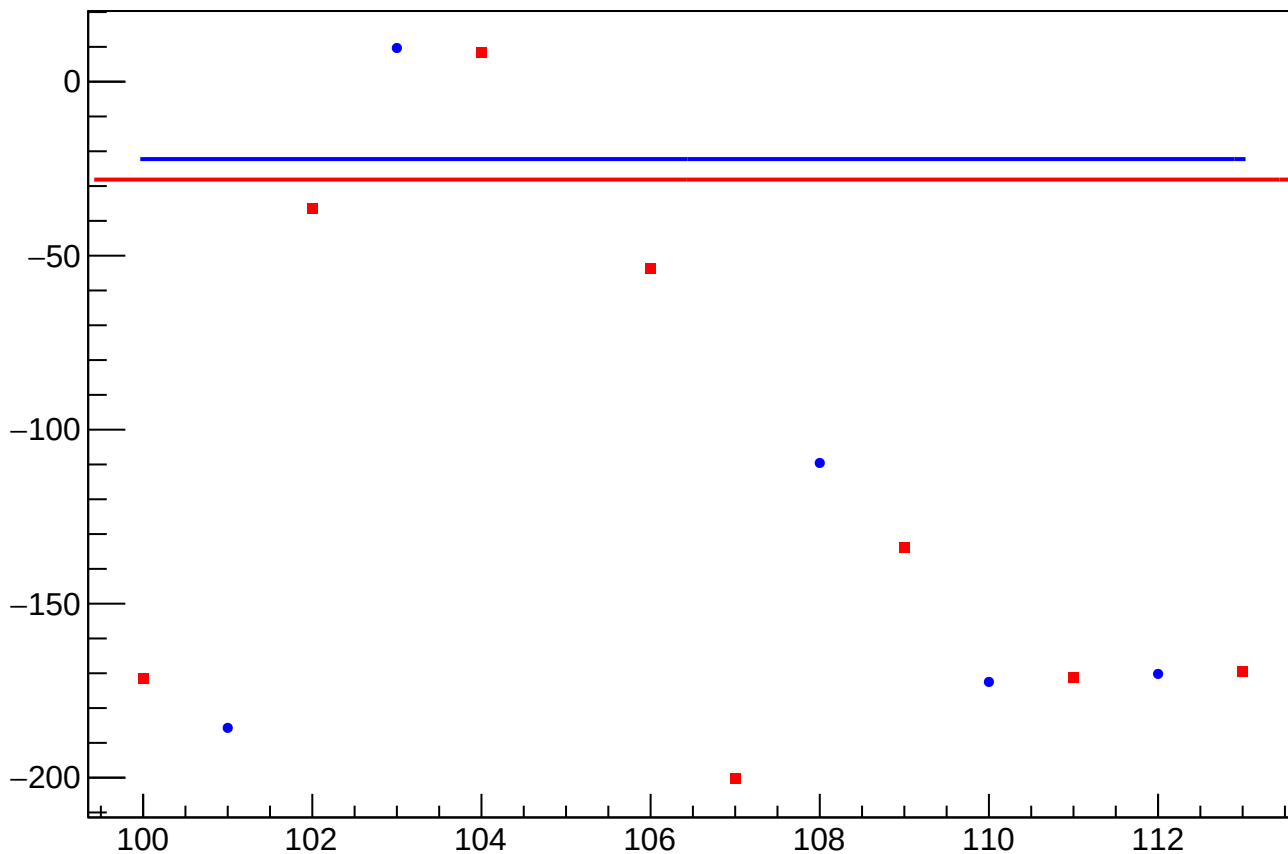
Right: 12.488+/-1.768 χ^2/NDF : 173.9/12

In: 16.119+/-2.788 χ^2/NDF : 153.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.488+/-1.768 χ^2/NDF : 173.9/12

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: -28.134+/-0.086 χ^2/NDF : 400524.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

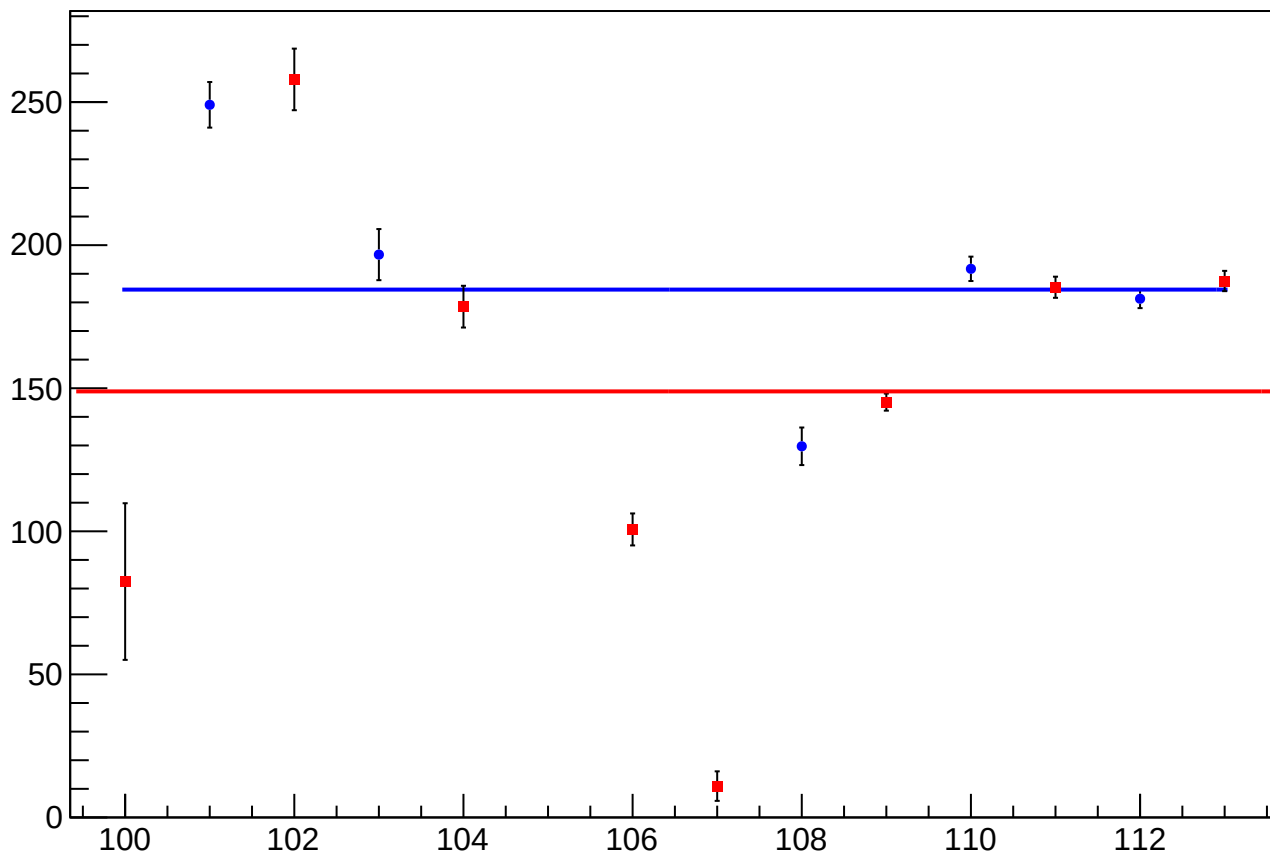
Right: -25.202+/-0.061 χ^2/NDF : 984764.1/12

In: -22.248+/-0.086 χ^2/NDF : 581902.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.202+/-0.061 χ^2/NDF : 984764.1/12

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 184.472+/-2.237 χ^2/NDF : 141.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148.895+/-1.659 χ^2/NDF : 1131.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

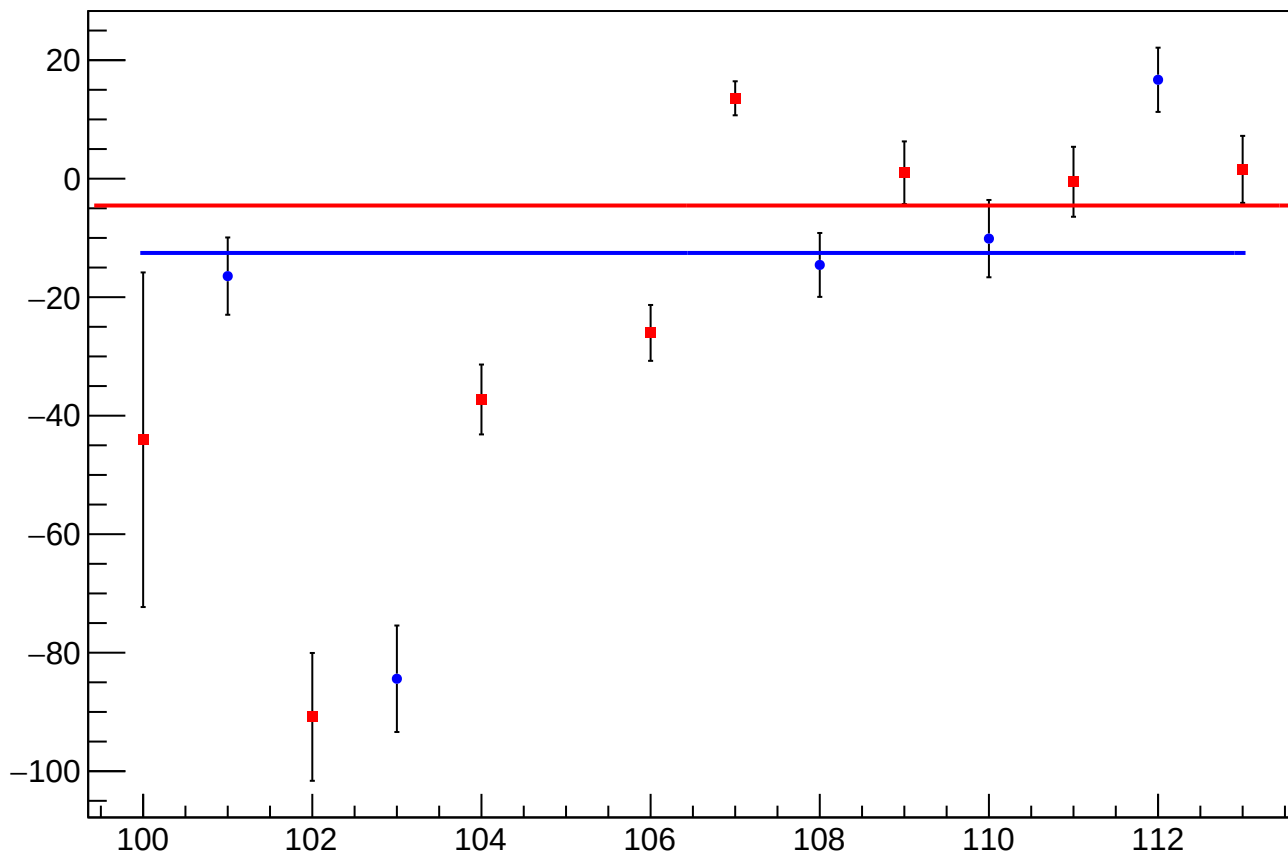
Right: 161.518+/-1.333 χ^2/NDF : 1435.4/12

In: 184.472+/-2.237 χ^2/NDF : 141.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.518+/-1.333 χ^2/NDF : 1435.4/12

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.534 $\pm$ 2.797 χ^2 /NDF: 93.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -4.529 $\pm$ 1.824 χ^2 /NDF: 160.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

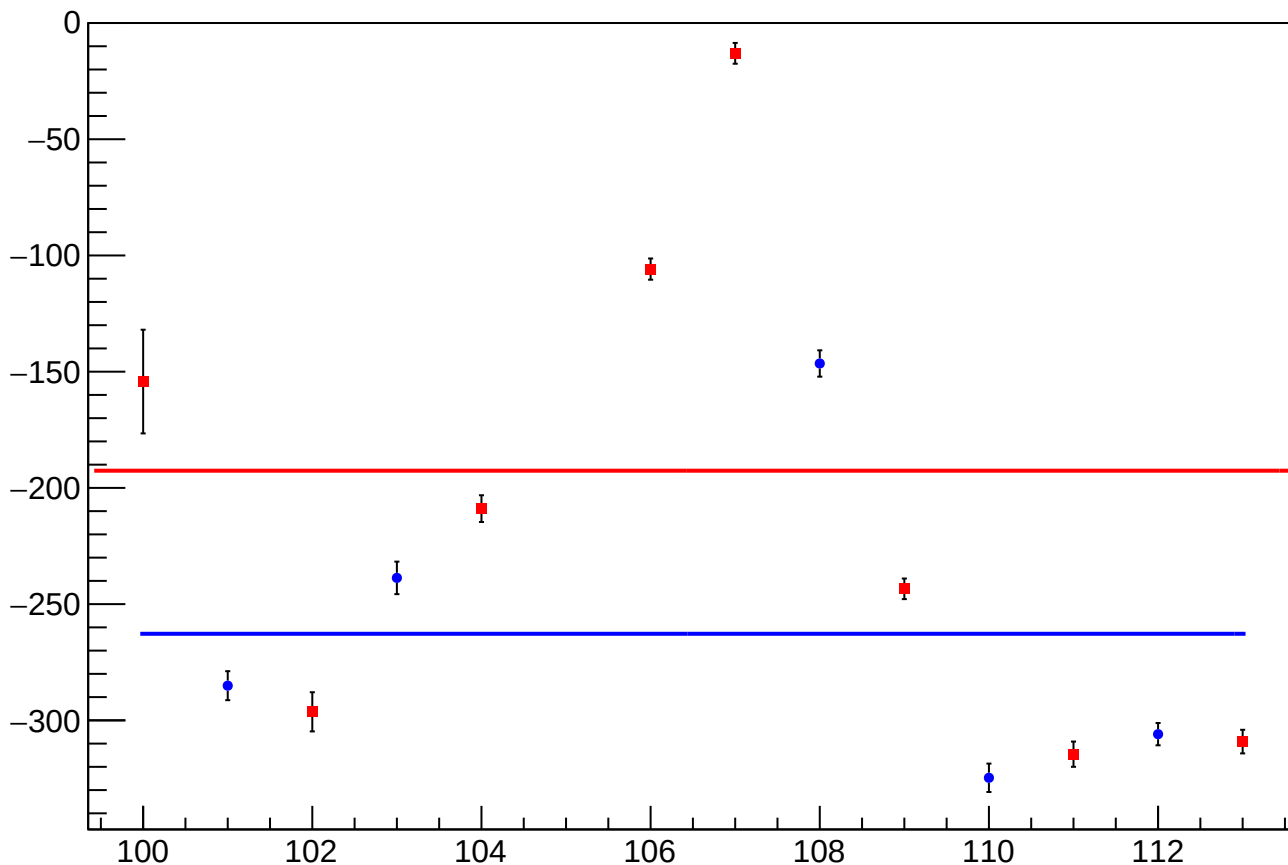
Right: -6.917 $\pm$ 1.528 χ^2 /NDF: 259.5/12

In: -12.534 $\pm$ 2.797 χ^2 /NDF:93.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -6.917 $\pm$ 1.528 χ^2 /NDF: 259.5/12

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: -192.597+/-1.932 χ^2/NDF : 3294.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

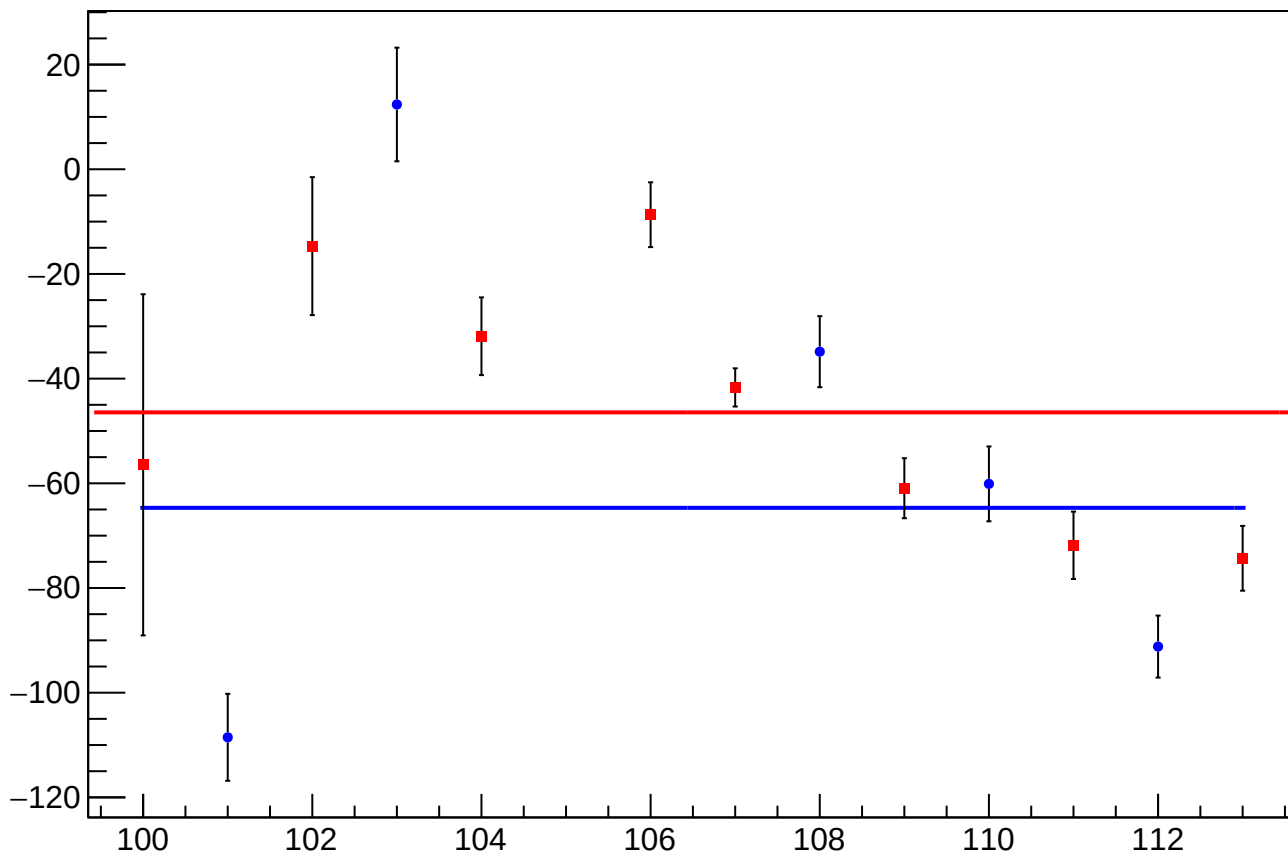
Right: -217.523+/-1.552 χ^2/NDF : 4392.8/12

In: -262.759+/-2.603 χ^2/NDF : 629.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -217.523+/-1.552 χ^2/NDF : 4392.8/12

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -64.681 ± 3.283 χ^2/NDF : 118.0/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -46.449 ± 2.199 χ^2/NDF : 90.9/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

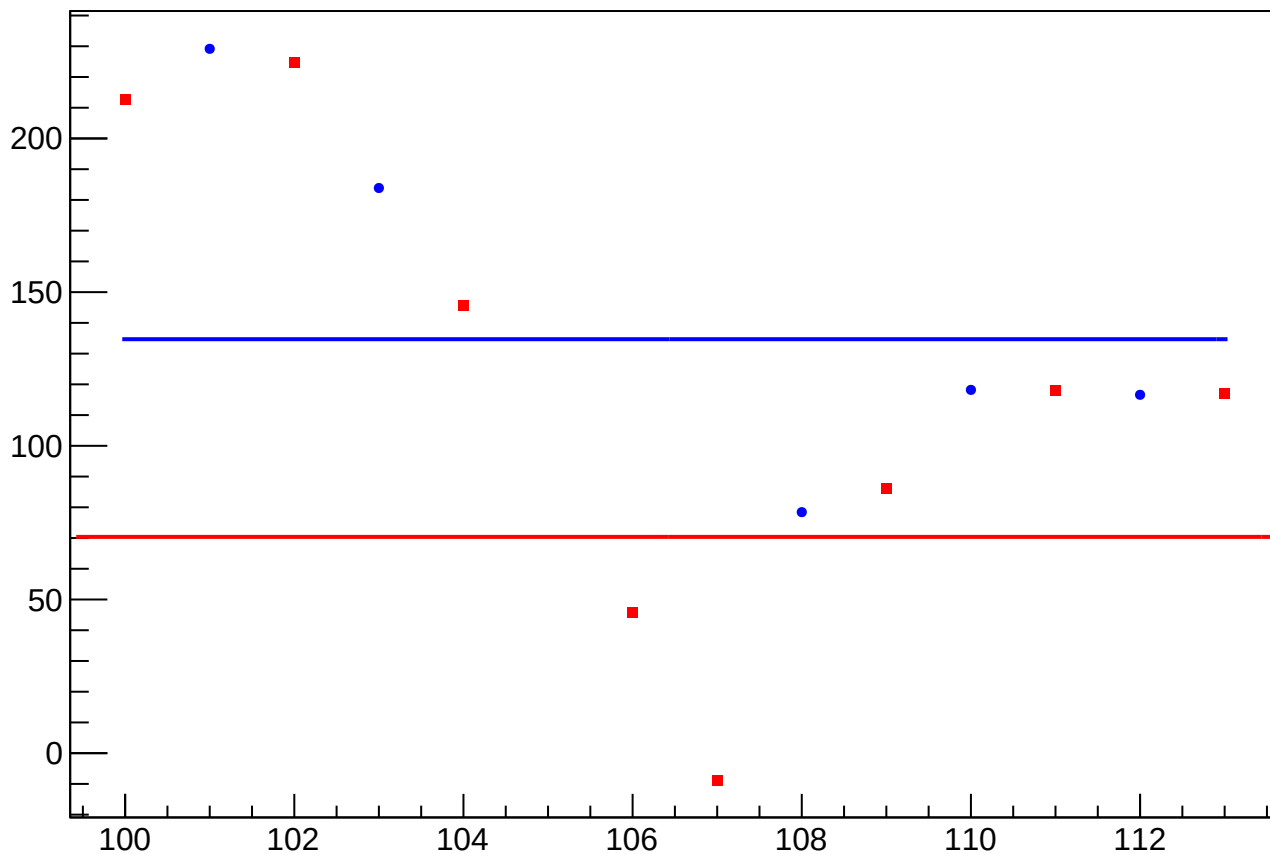
Right: -52.096 ± 1.827 χ^2/NDF : 230.2/12

In: -64.681 ± 3.283 χ^2/NDF : 118.0/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -52.096 ± 1.827 χ^2/NDF : 230.2/12

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: 70.375+/-0.103 χ^2/NDF : 492691.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

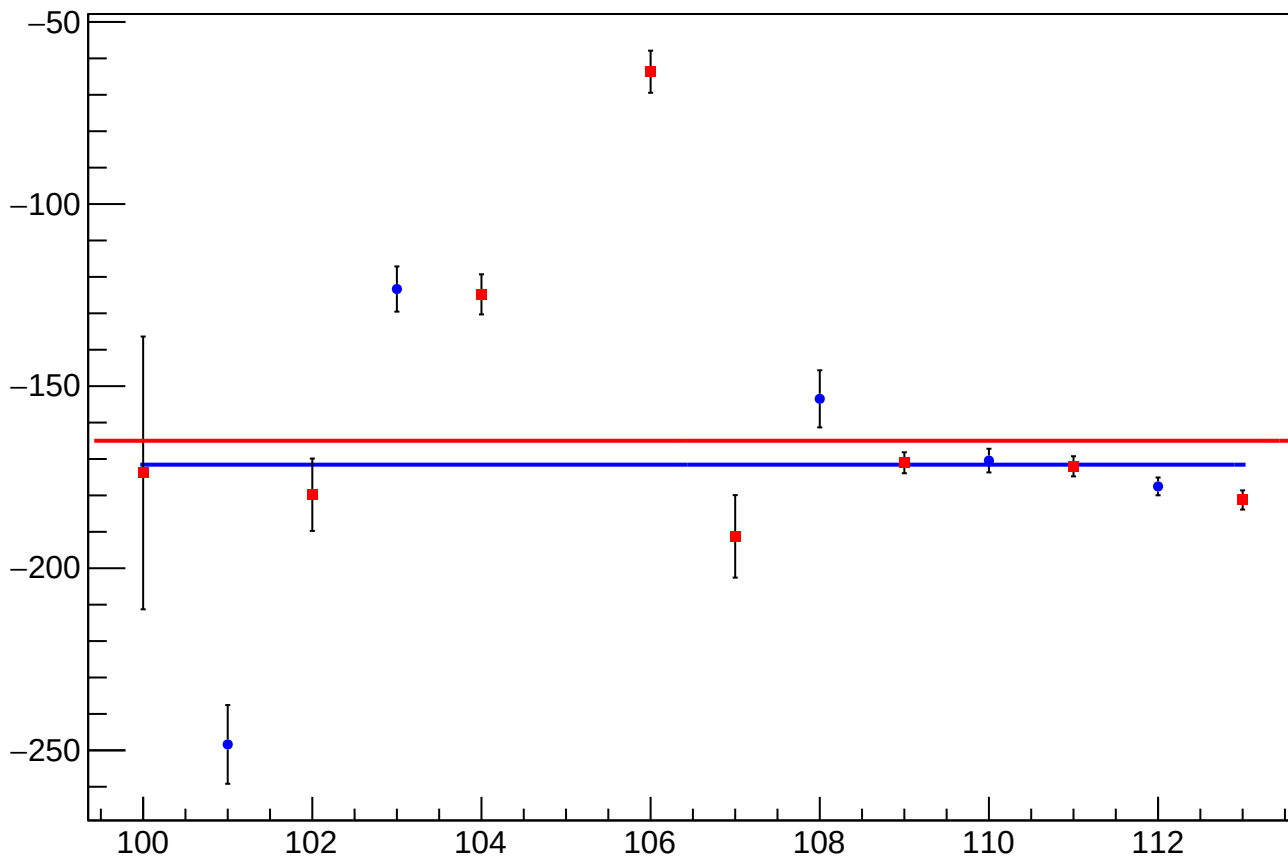
Right: 92.021+/-0.084 χ^2/NDF : 778181.4/12

In: 134.689+/-0.144 χ^2/NDF : 153778.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.021+/-0.084 χ^2/NDF : 778181.4/12

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: -164.993 $\pm$ 1.447 χ^2 /NDF: 417.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

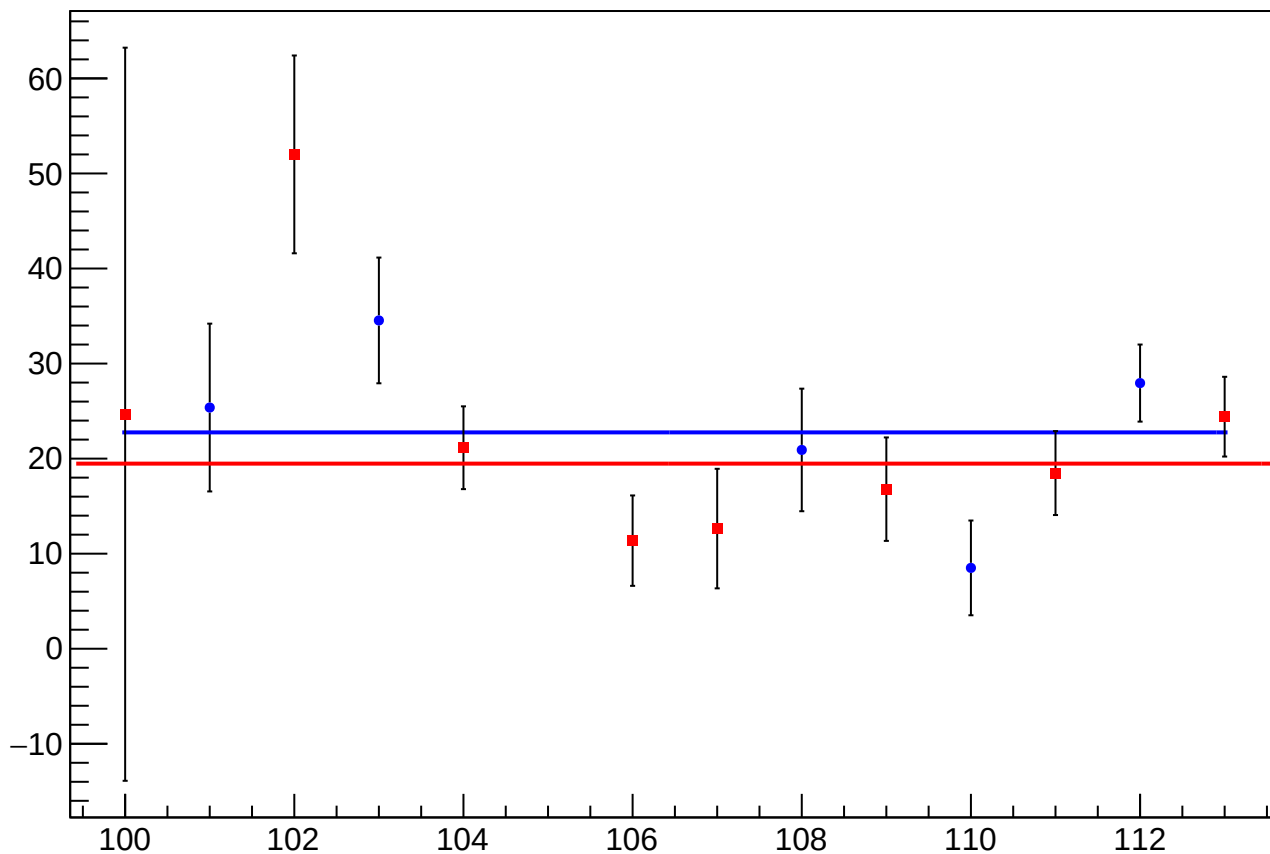
Right: -167.588 $\pm$ 1.126 χ^2 /NDF: 547.8/12

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: -167.588 $\pm$ 1.126 χ^2 /NDF: 547.8/12

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: 19.473+/-1.910 χ^2 /NDF: 15.7/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

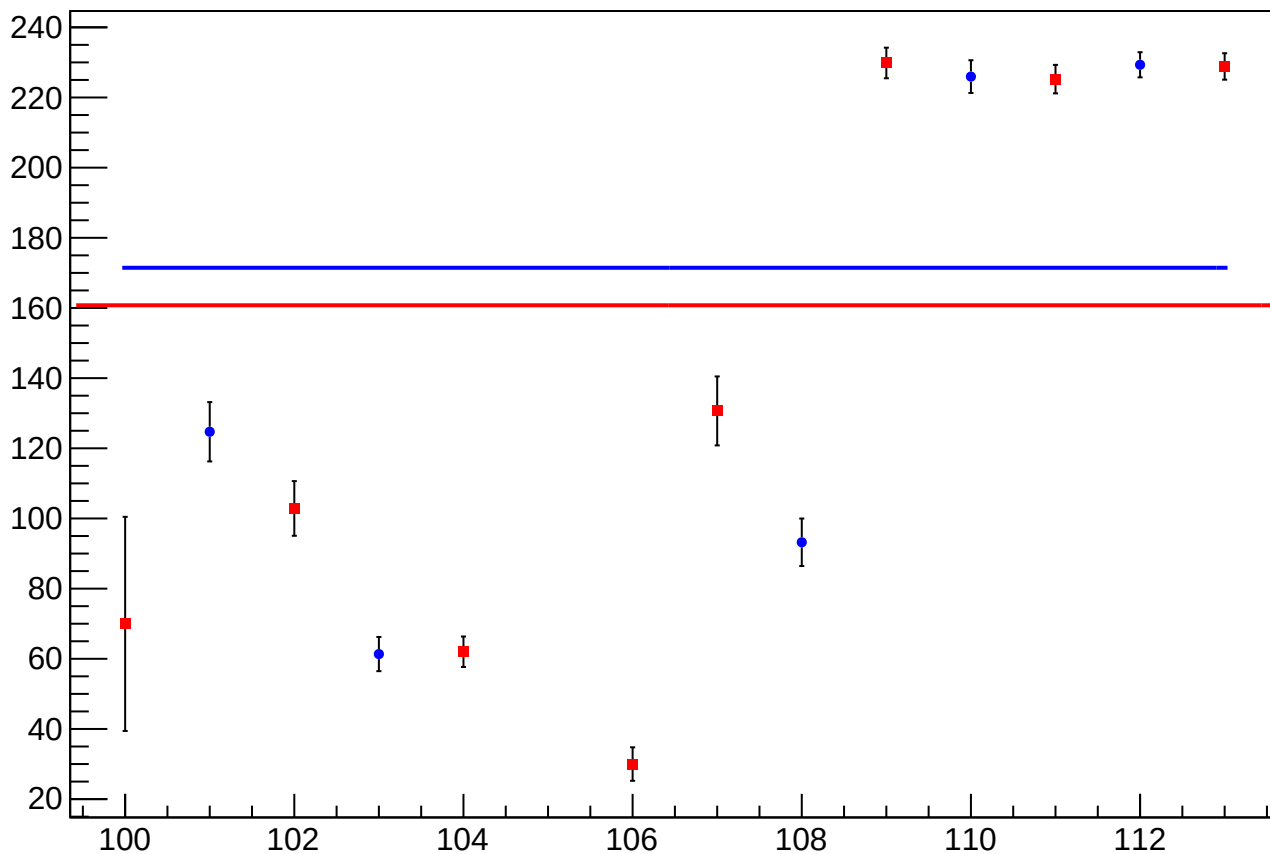
Right: 20.689+/-1.516 χ^2 /NDF: 30.0/12

In: 22.759+/-2.493 χ^2 /NDF:13.2/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 20.689+/-1.516 χ^2 /NDF: 30.0/12

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: 160.773 $\pm$ 1.800 χ^2 /NDF: 2170.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

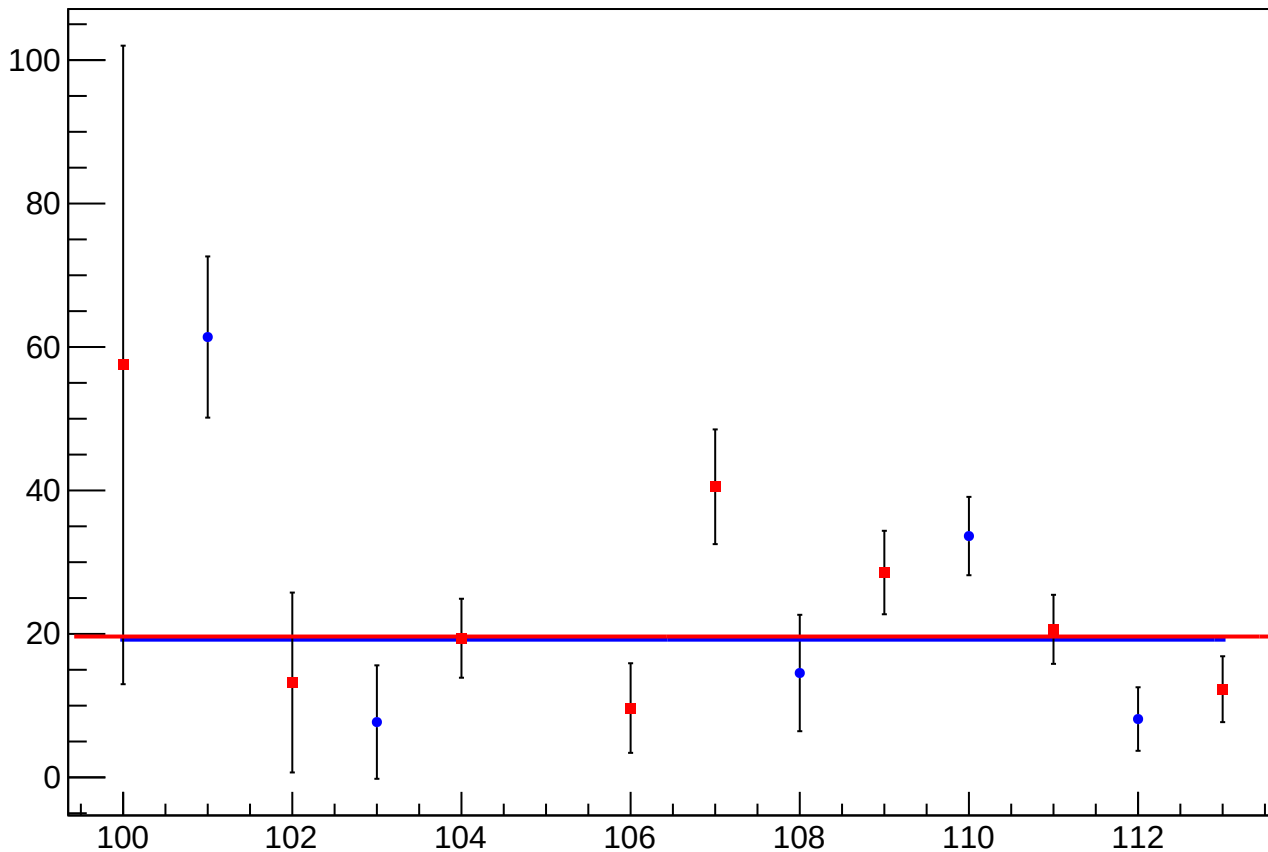
Right: 164.997 $\pm$ 1.400 χ^2 /NDF: 3256.4/12

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: 164.997 $\pm$ 1.400 χ^2 /NDF: 3256.4/12

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: 19.636+/-2.229 χ^2/NDF : 15.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

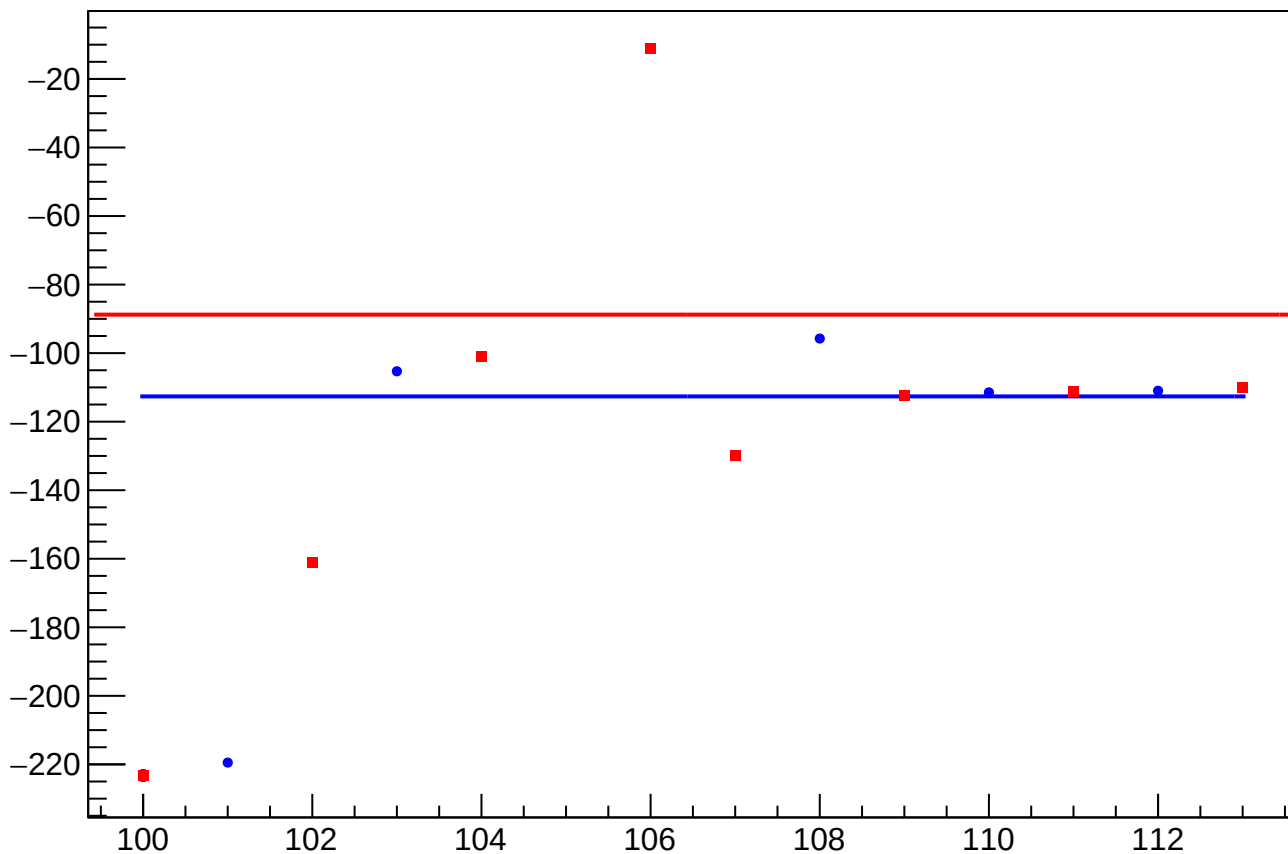
Right: 19.470+/-1.754 χ^2/NDF : 45.1/12

In: 19.200+/-2.844 χ^2/NDF : 29.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.470+/-1.754 χ^2/NDF : 45.1/12

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: -88.769+/-0.103 χ^2/NDF : 235440.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

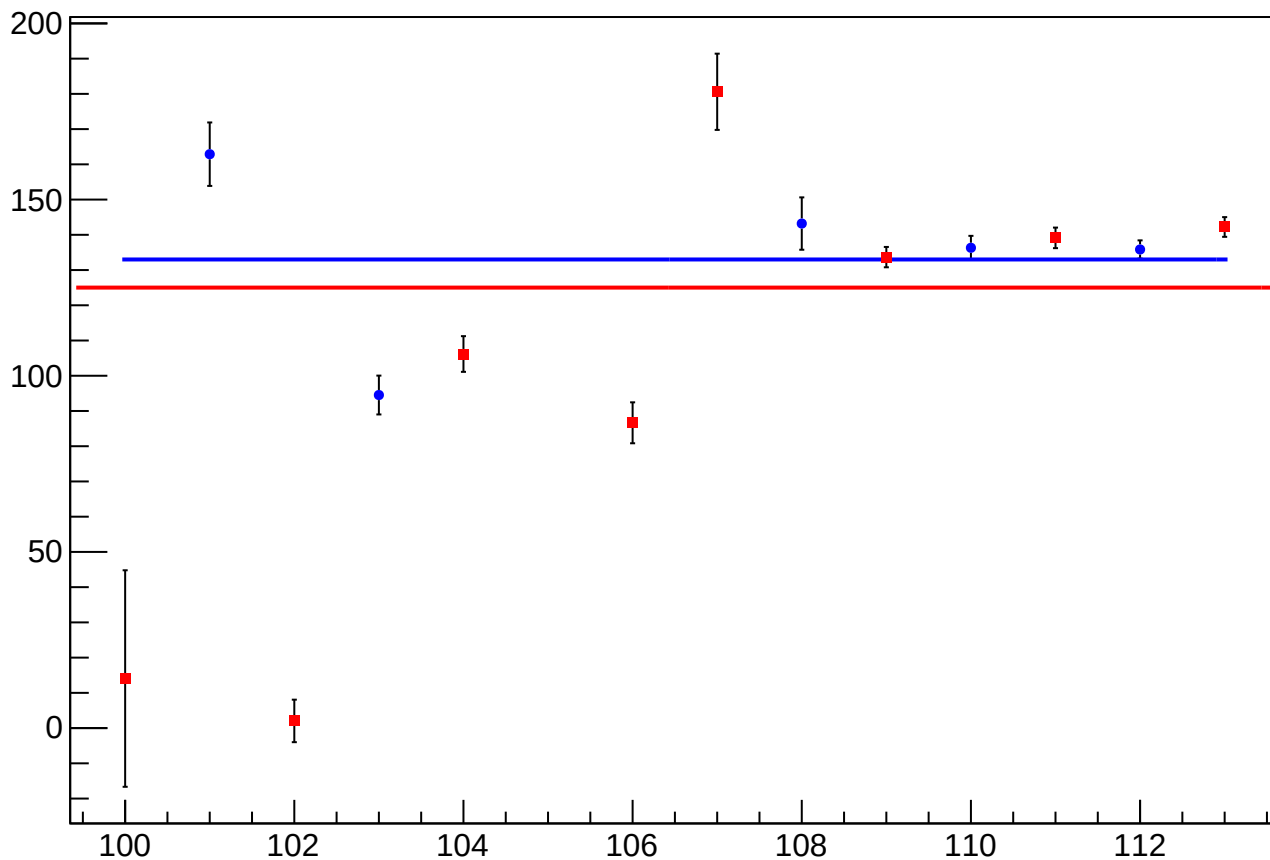
Right: -98.013+/-0.080 χ^2/NDF : 306672.9/12

In: -112.629+/-0.129 χ^2/NDF : 50242.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -98.013+/-0.080 χ^2/NDF : 306672.9/12

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 133.000+/-1.825 χ^2/NDF : 63.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.020+/-1.457 χ^2/NDF : 582.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

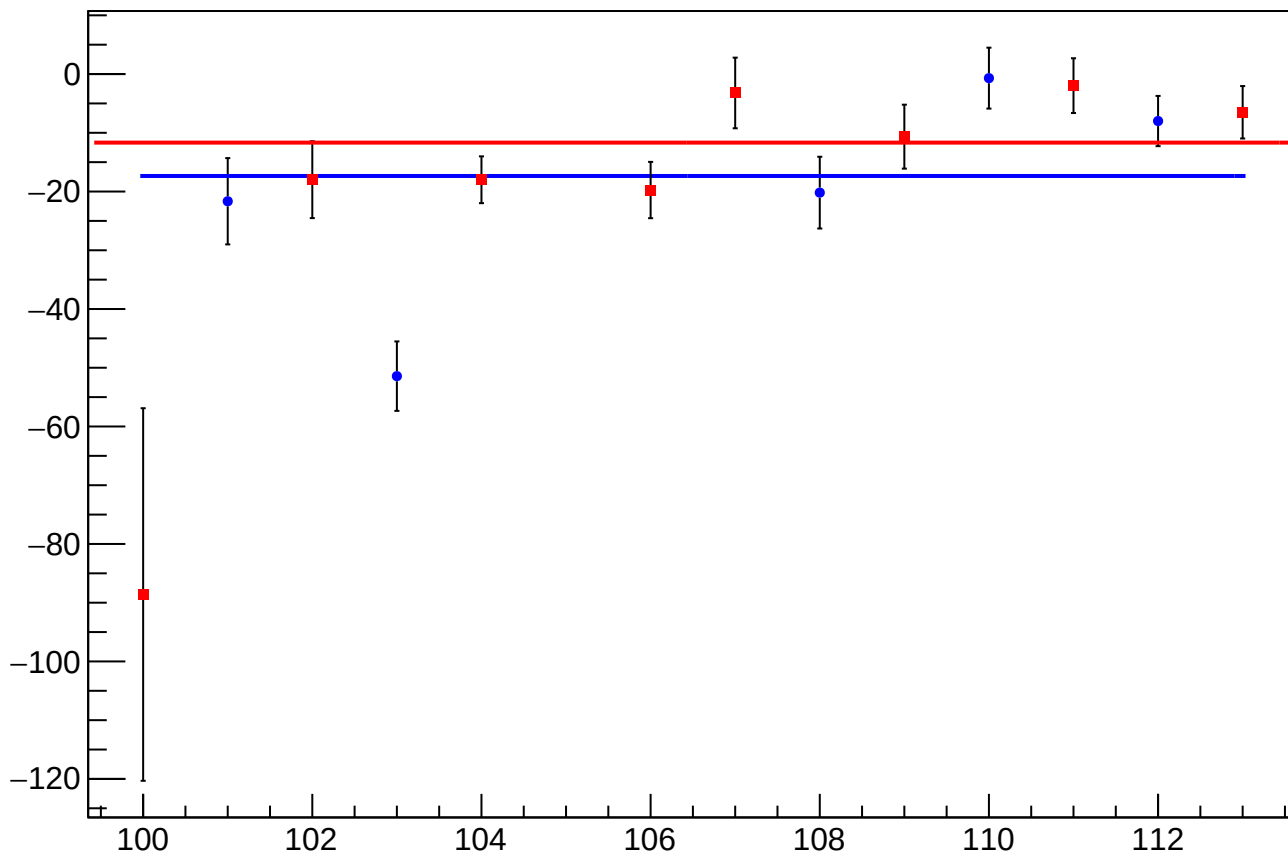
Right: 128.126+/-1.139 χ^2/NDF : 658.2/12

In: 133.000+/-1.825 χ^2/NDF : 63.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.126+/-1.139 χ^2/NDF : 658.2/12

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.352 $\pm$ 2.456 χ^2 /NDF: 48.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -11.672 $\pm$ 1.862 χ^2 /NDF: 19.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

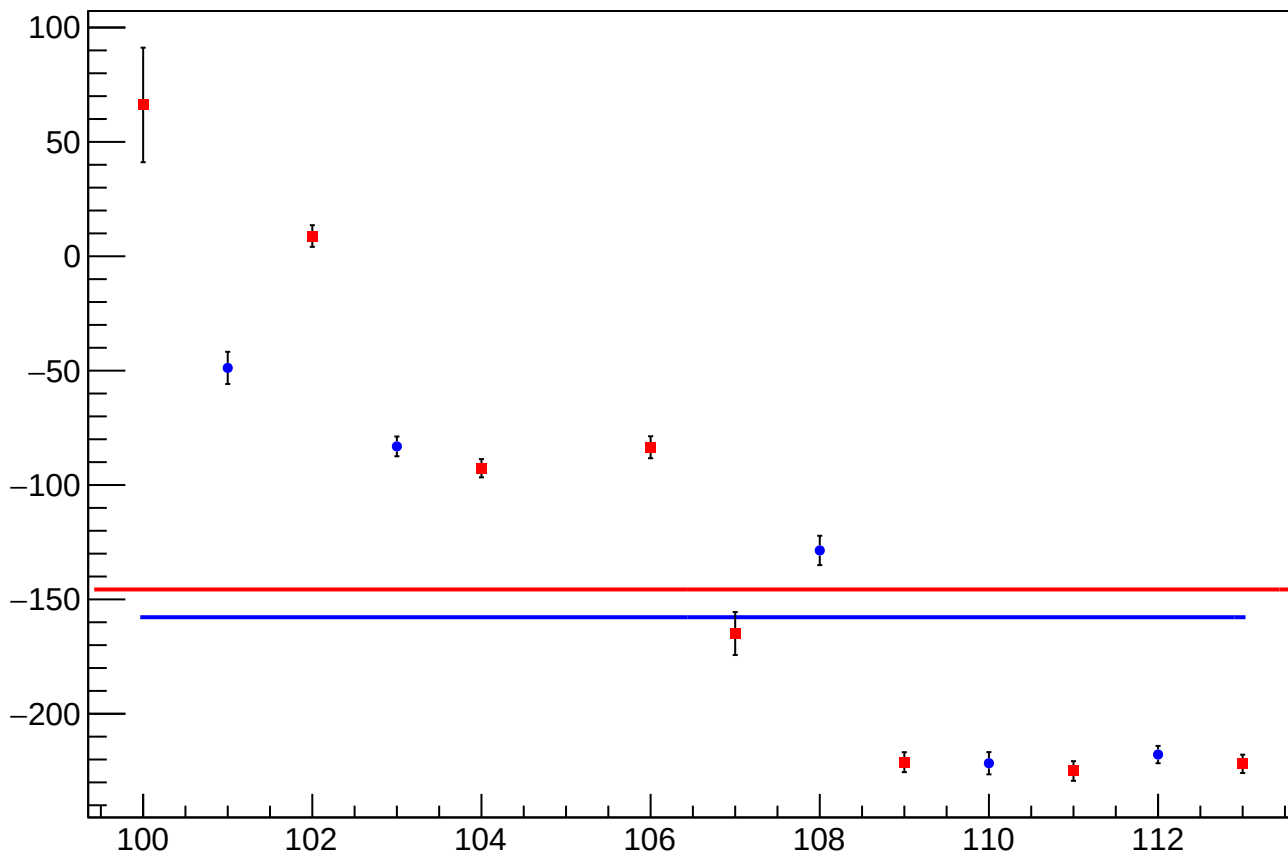
Right: -13.744 $\pm$ 1.484 χ^2 /NDF: 72.1/12

In: -17.352 $\pm$ 2.456 χ^2 /NDF:48.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -13.744 $\pm$ 1.484 χ^2 /NDF: 72.1/12

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: -145.659+/-1.733 χ^2/NDF : 2491.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

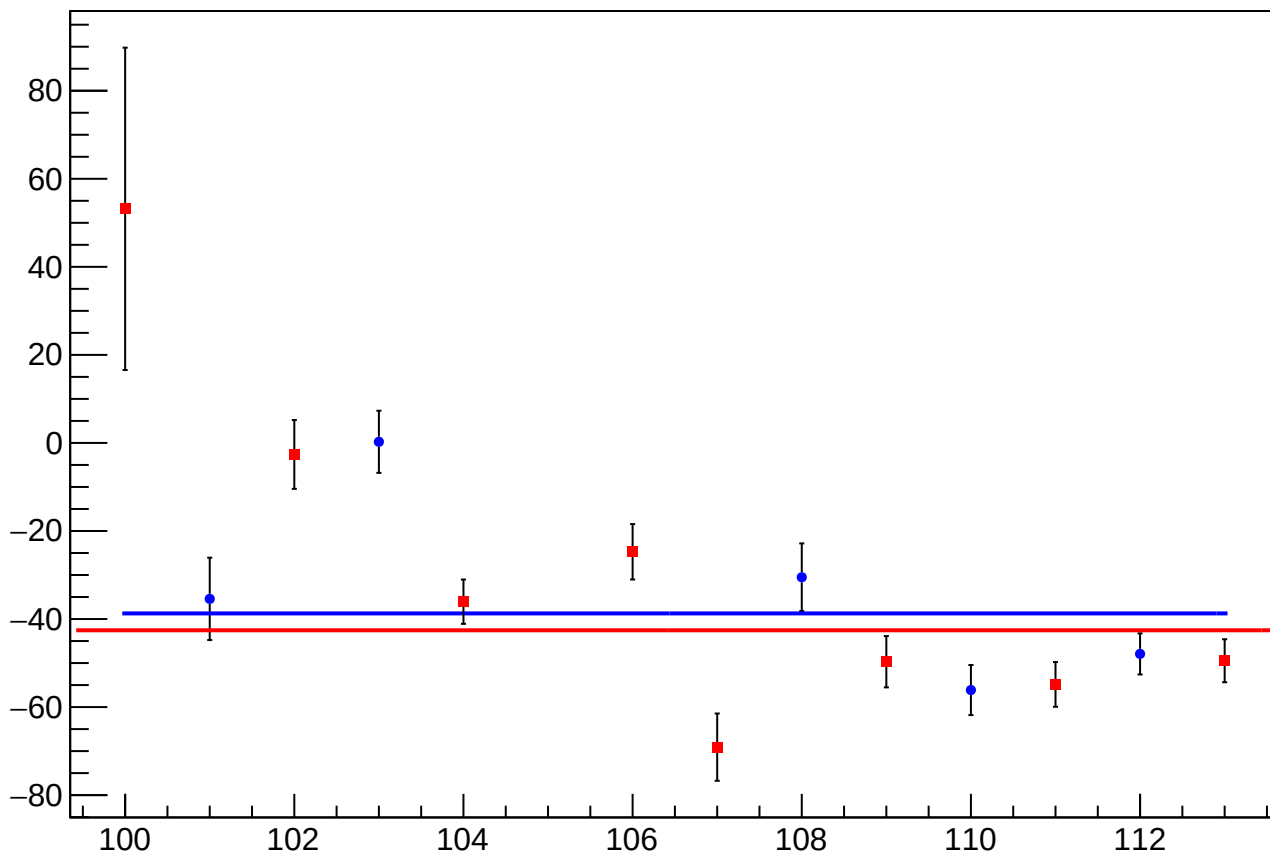
Right: -150.354+/-1.357 χ^2/NDF : 3492.3/12

In: -157.795+/-2.182 χ^2/NDF : 982.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -150.354+/-1.357 χ^2/NDF : 3492.3/12

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -38.724 ± 2.827 $\chi^2/\text{NDF}: 45.0/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -42.554 ± 2.188 $\chi^2/\text{NDF}: 64.0/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

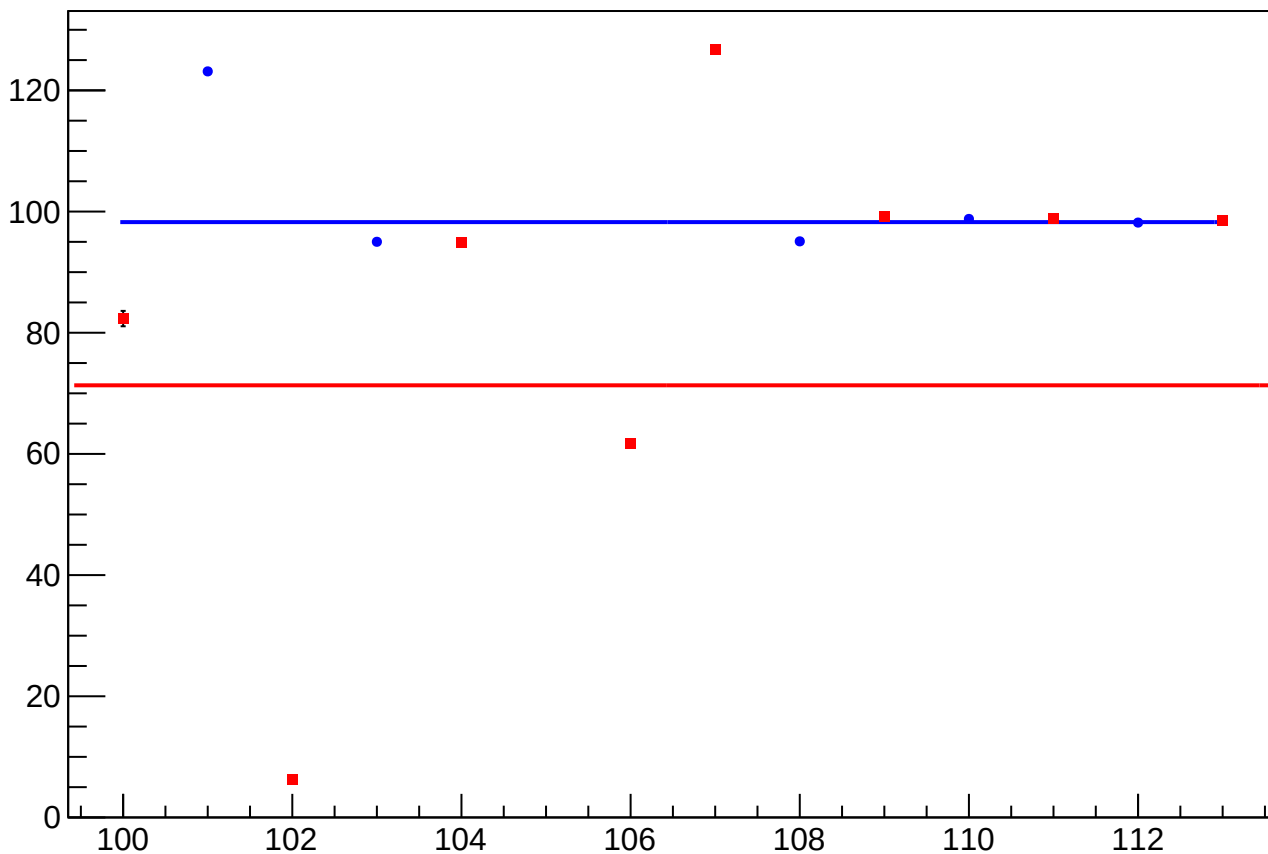
Right: -41.119 ± 1.730 $\chi^2/\text{NDF}: 110.2/12$

In: -38.724 ± 2.827 $\chi^2/\text{NDF}: 45.0/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -41.119 ± 1.730 $\chi^2/\text{NDF}: 110.2/12$

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: 71.323+/-0.094 χ^2/NDF : 164464.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

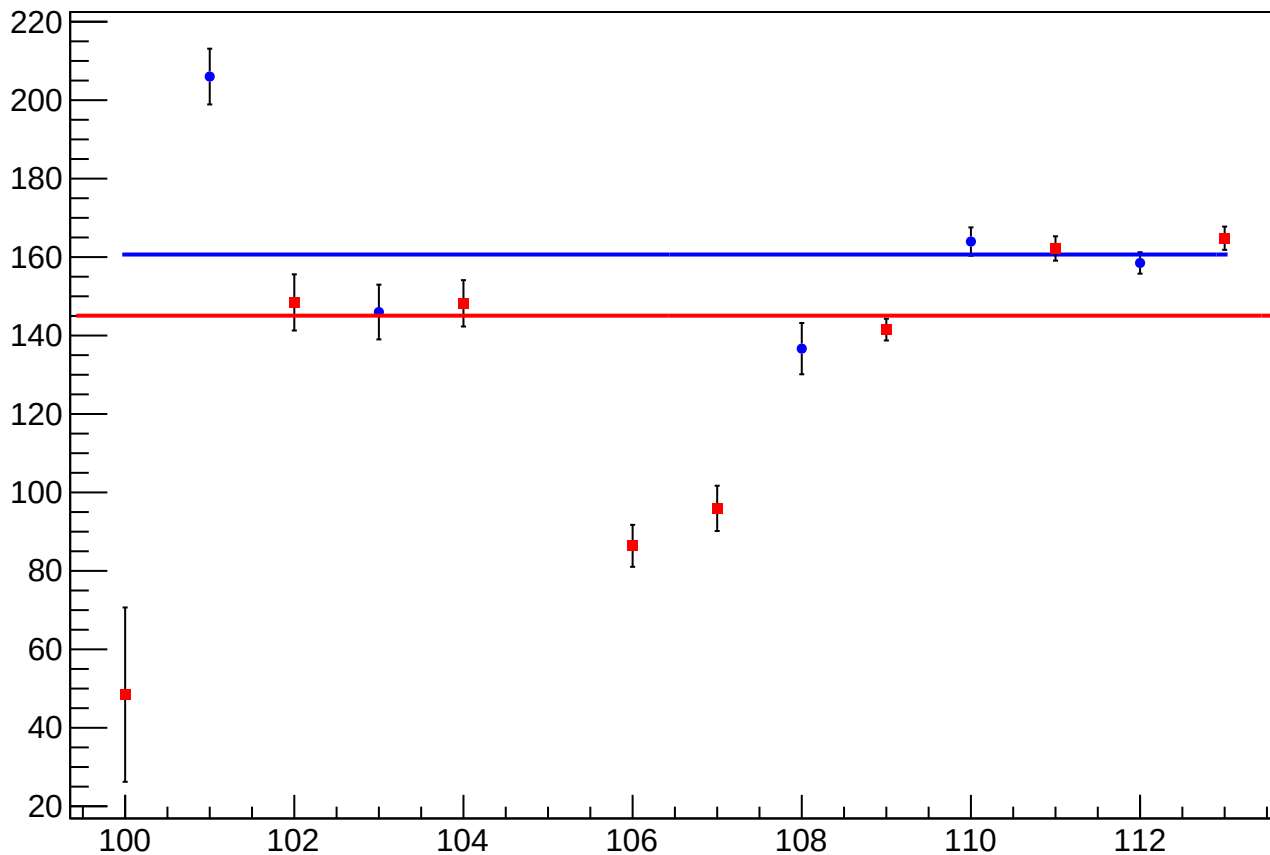
Right: 81.442+/-0.074 χ^2/NDF : 199364.9/12

In: 98.259+/-0.121 χ^2/NDF :4013.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 81.442+/-0.074 χ^2/NDF : 199364.9/12

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: 145.068+/-1.470 χ^2/NDF : 288.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

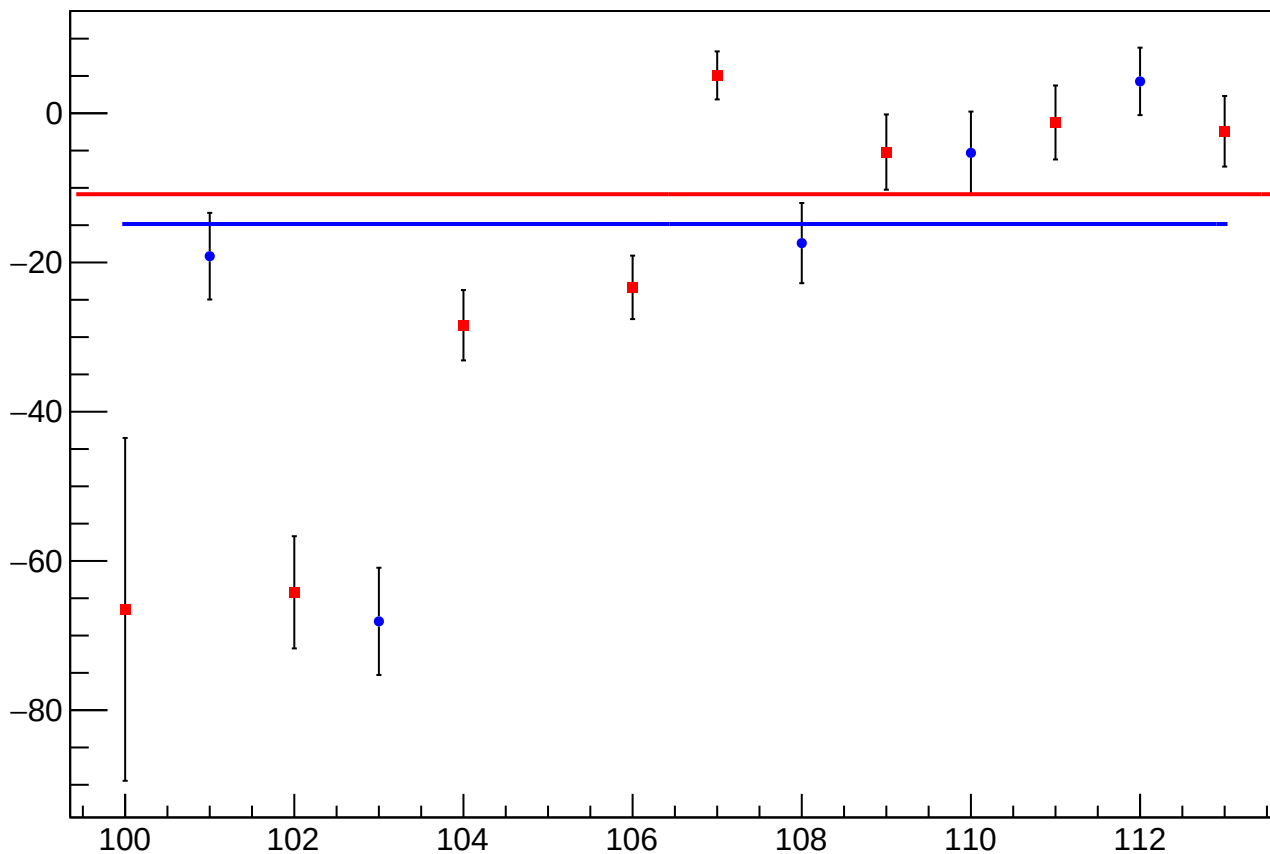
Right: 150.866+/-1.165 χ^2/NDF : 390.4/12

In: 160.651+/-1.910 χ^2/NDF : 60.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.866+/-1.165 χ^2/NDF : 390.4/12

reg_asym_atl_dd_atr_dd_avg_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: -10.848+/-1.712 χ^2/NDF : 111.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

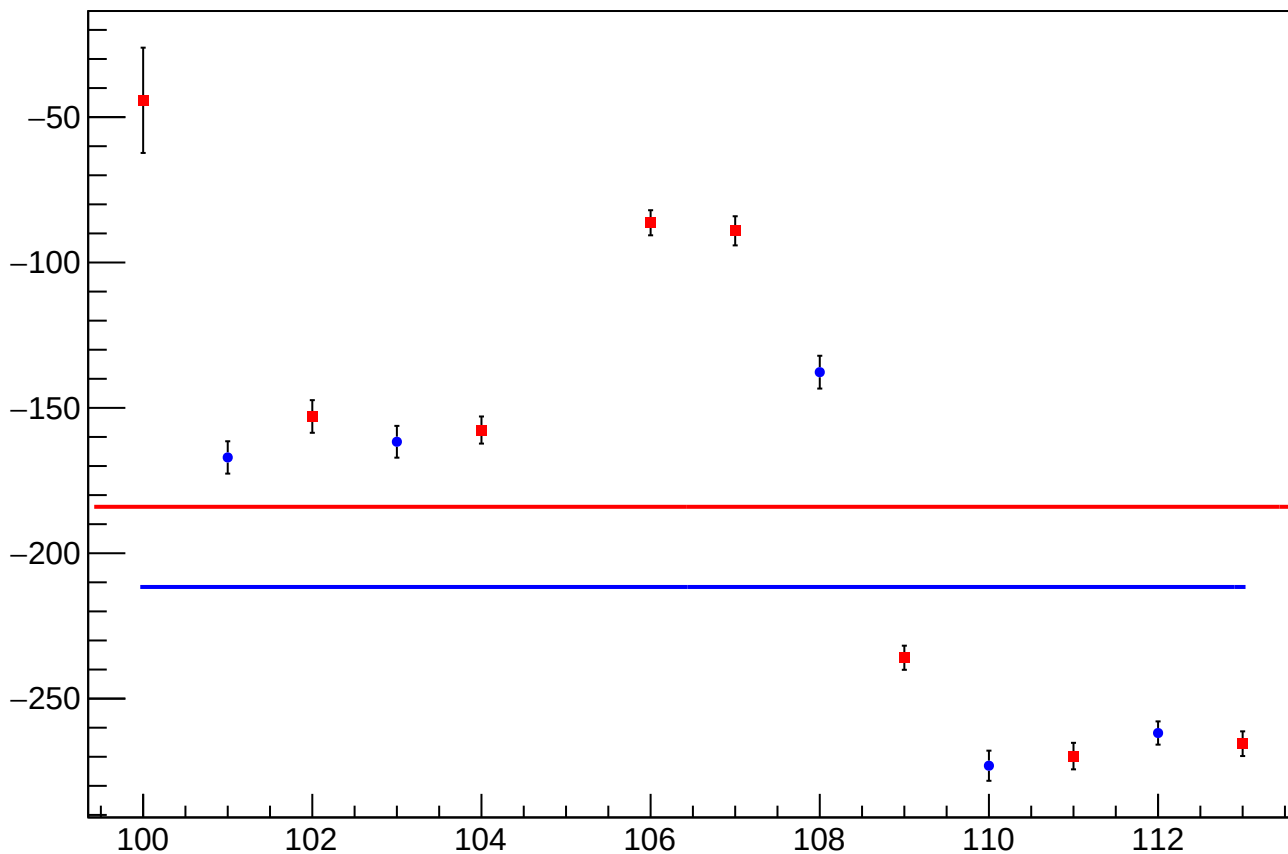
Right: -12.152+/-1.405 χ^2/NDF : 189.7/12

In: -14.845+/-2.460 χ^2/NDF : 76.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.152+/-1.405 χ^2/NDF : 189.7/12

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: -184.024 $\pm$ 1.725 χ^2 /NDF: 1871.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

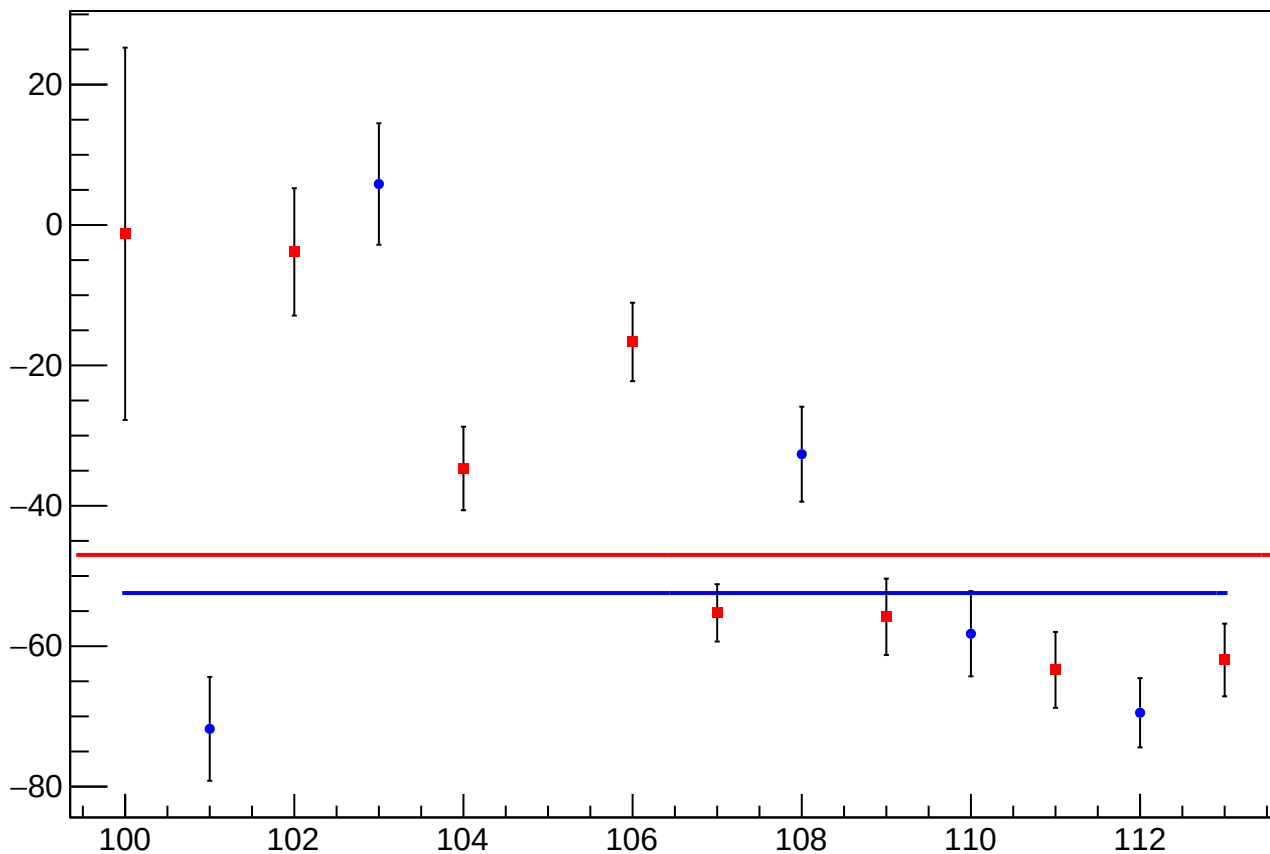
Right: -194.212 $\pm$ 1.370 χ^2 /NDF: 2583.5/12

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: -194.212 $\pm$ 1.370 χ^2 /NDF: 2583.5/12

reg_asym_atl_dd_atr_dd_avg_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: -46.997+/-2.045 χ^2/NDF : 83.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

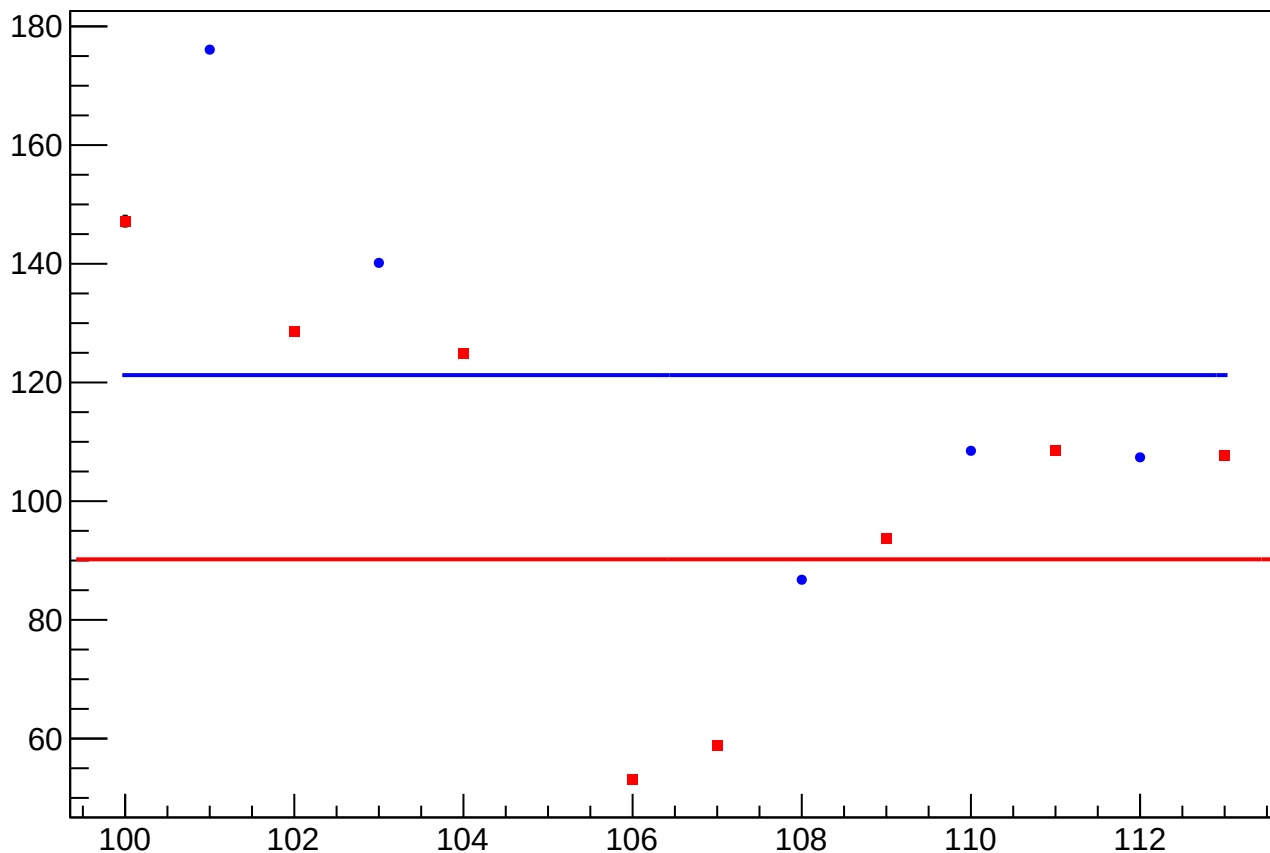
Right: -48.829+/-1.665 χ^2/NDF : 159.6/12

In: -52.428+/-2.867 χ^2/NDF : 73.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.829+/-1.665 χ^2/NDF : 159.6/12

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 121.242 $\pm$ 0.127 χ^2 /NDF: 59071.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 90.203 $\pm$ 0.092 χ^2 /NDF: 118241.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

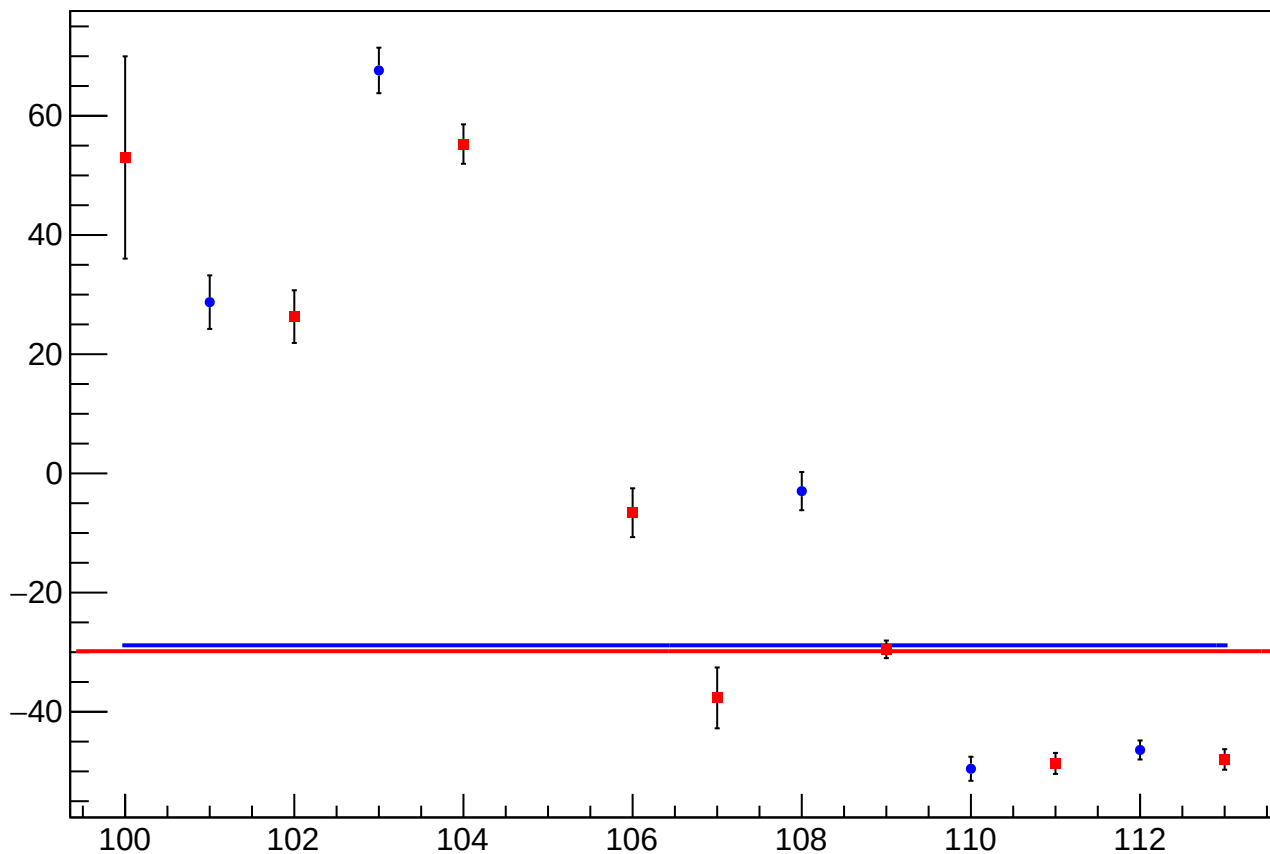
Right: 100.943 $\pm$ 0.075 χ^2 /NDF: 216342.5/12

In: 121.242 $\pm$ 0.127 χ^2 /NDF:59071.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 100.943 $\pm$ 0.075 χ^2 /NDF: 216342.5/12

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: -29.832+/-0.857 χ^2/NDF : 1106.2/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

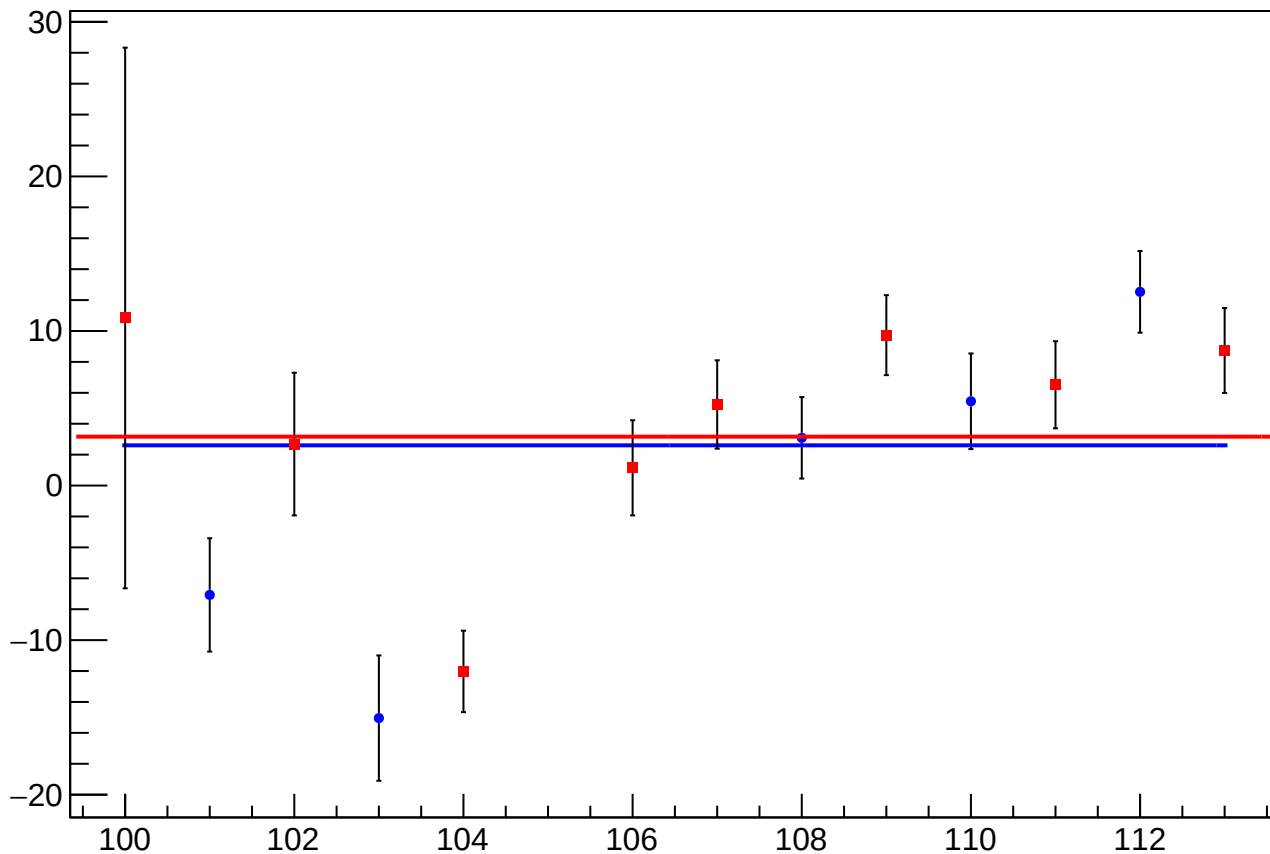
Right: -29.451+/-0.672 χ^2/NDF : 2200.4/12

In: -28.845+/-1.082 χ^2/NDF :1093.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -29.451+/-0.672 χ^2/NDF : 2200.4/12

reg_asym_atl_dd_atr_dd_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: 3.163 $\pm$ 1.098 χ^2 /NDF: 46.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

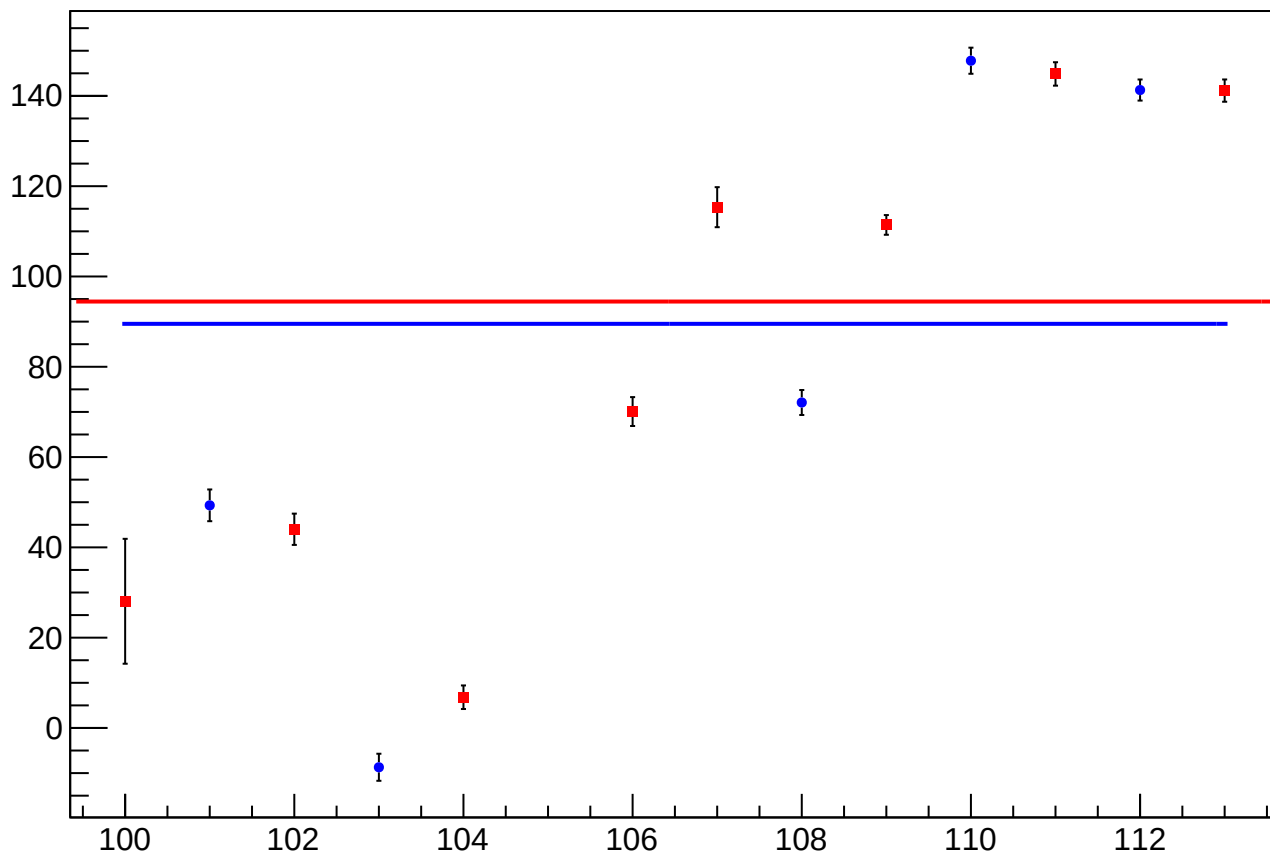
Right: 2.945 $\pm$ 0.858 χ^2 /NDF: 87.4/12

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: 2.945 $\pm$ 0.858 χ^2 /NDF: 87.4/12

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: 94.449+/-1.050 χ^2/NDF : 2239.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

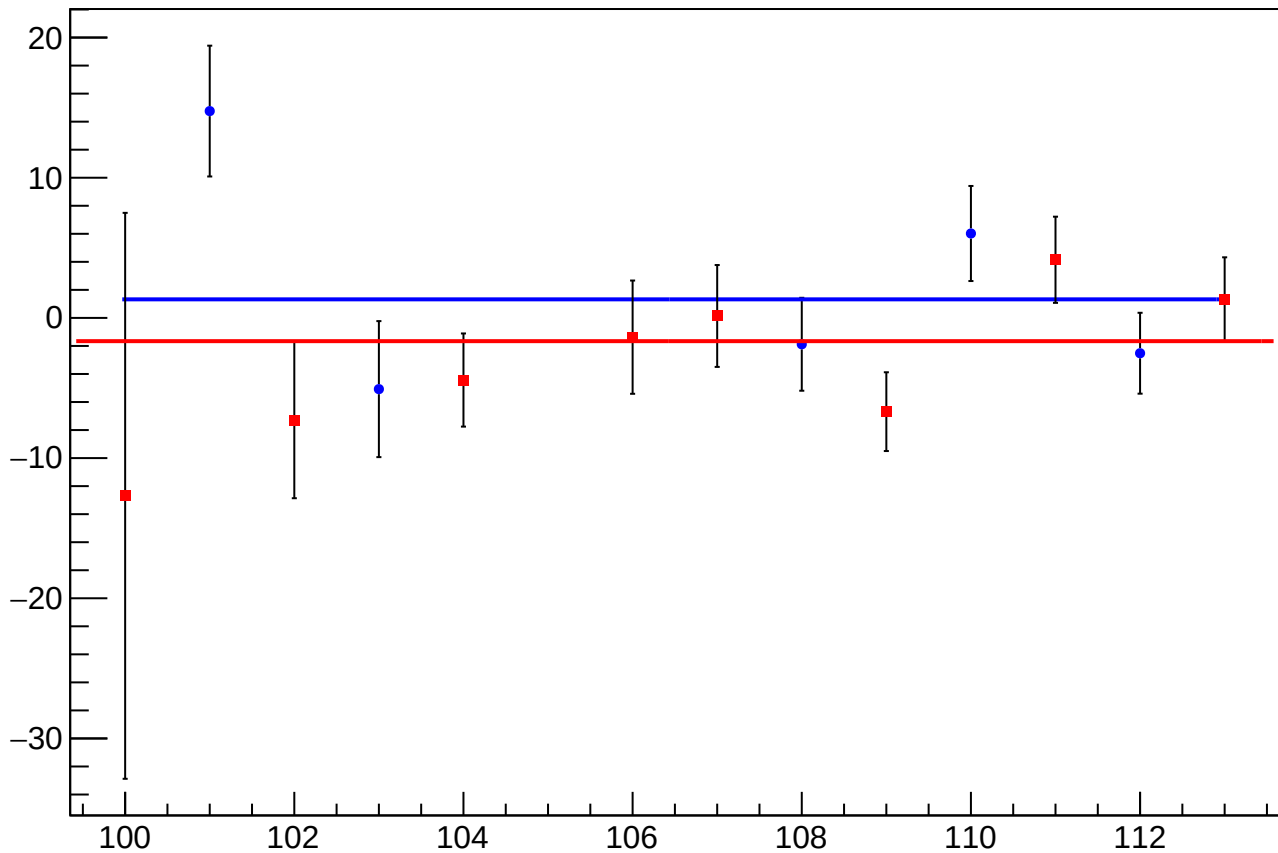
Right: 92.433+/-0.808 χ^2/NDF : 4391.2/12

In: 89.511+/-1.264 χ^2/NDF : 2142.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.433+/-0.808 χ^2/NDF : 4391.2/12

reg_asym_atl_dd_atr_dd_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: -1.658+/-1.285 χ^2/NDF : 10.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

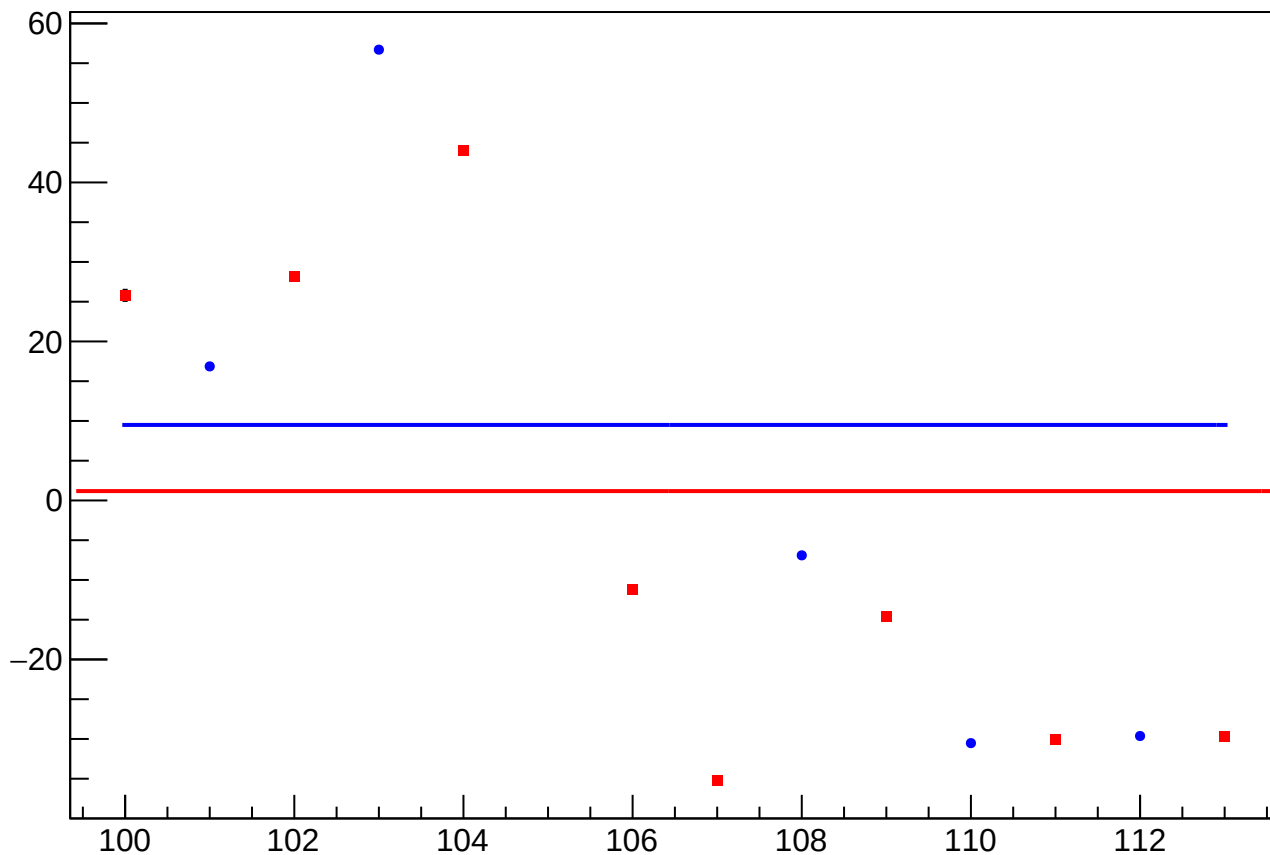
Right: -0.496+/-1.004 χ^2/NDF : 26.8/12

In: 1.324+/-1.608 χ^2/NDF : 14.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.496+/-1.004 χ^2/NDF : 26.8/12

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: 1.178+/-0.060 χ^2/NDF : 256998.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

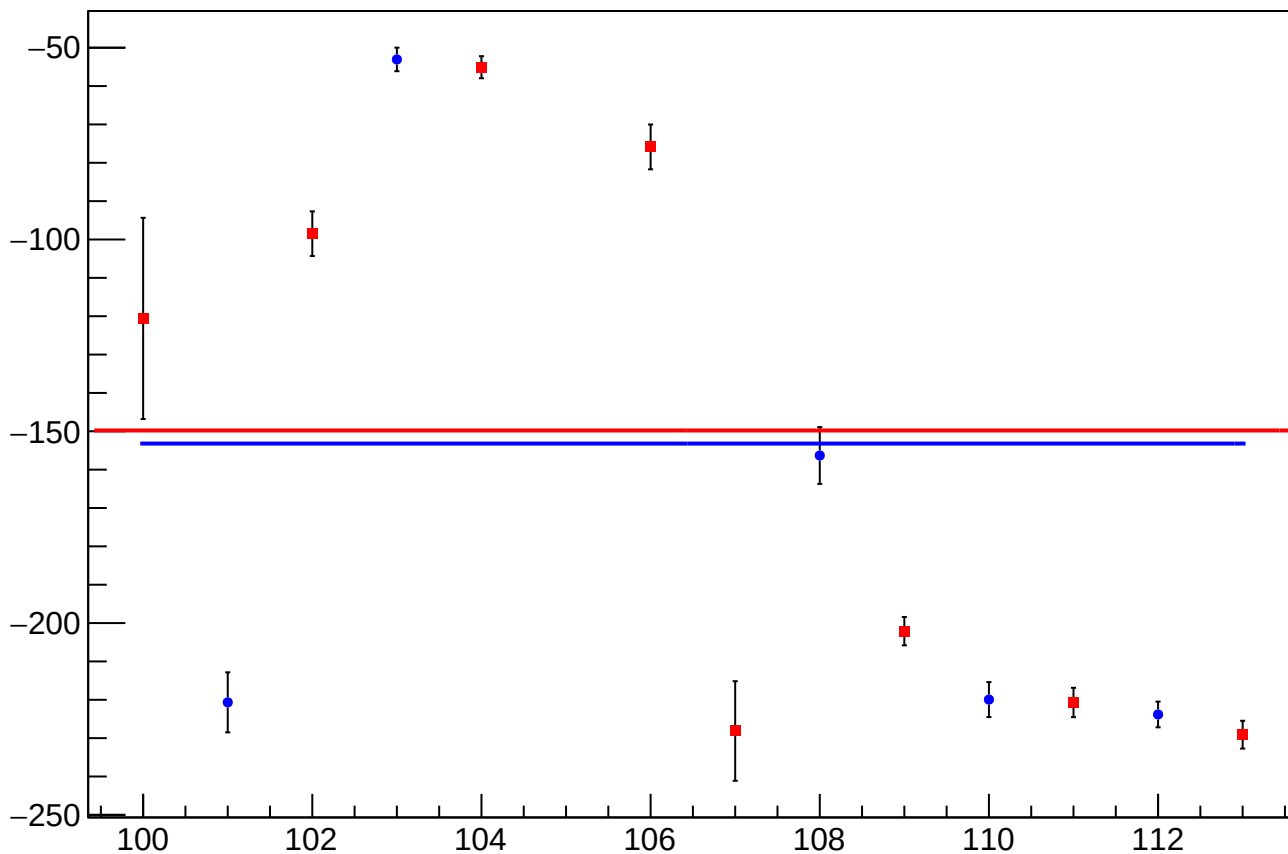
Right: 4.790+/-0.045 χ^2/NDF : 501950.0/12

In: 9.500+/-0.069 χ^2/NDF : 236643.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.790+/-0.045 χ^2/NDF : 501950.0/12

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -153.201 $\pm$ 1.897 χ^2 /NDF: 1798.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -149.788 $\pm$ 1.572 χ^2 /NDF: 2381.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

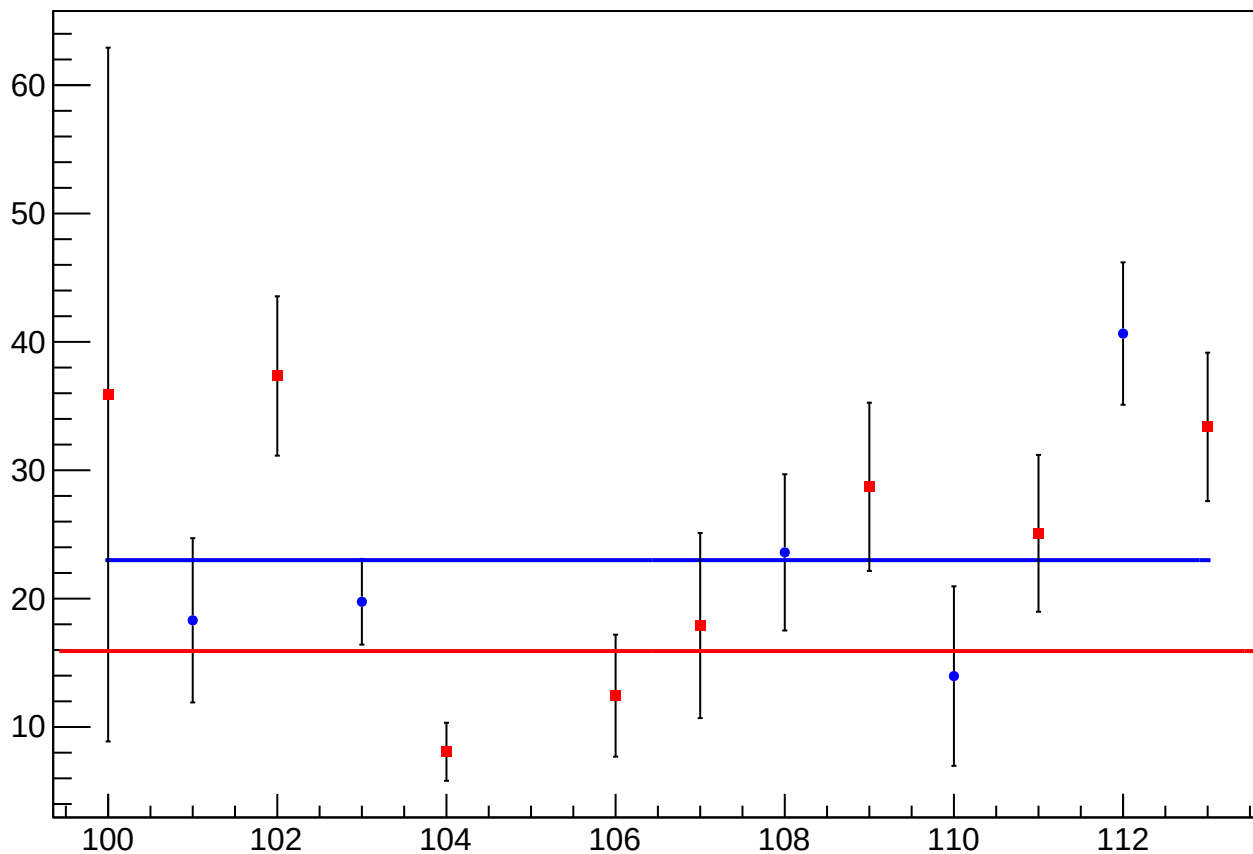
Right: -151.177 $\pm$ 1.211 χ^2 /NDF: 4181.9/12

In: -153.201 $\pm$ 1.897 χ^2 /NDF:1798.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -151.177 $\pm$ 1.211 χ^2 /NDF: 4181.9/12

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.997 $\pm$ 2.270 χ^2 /NDF: 13.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 15.916 $\pm$ 1.652 χ^2 /NDF: 40.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

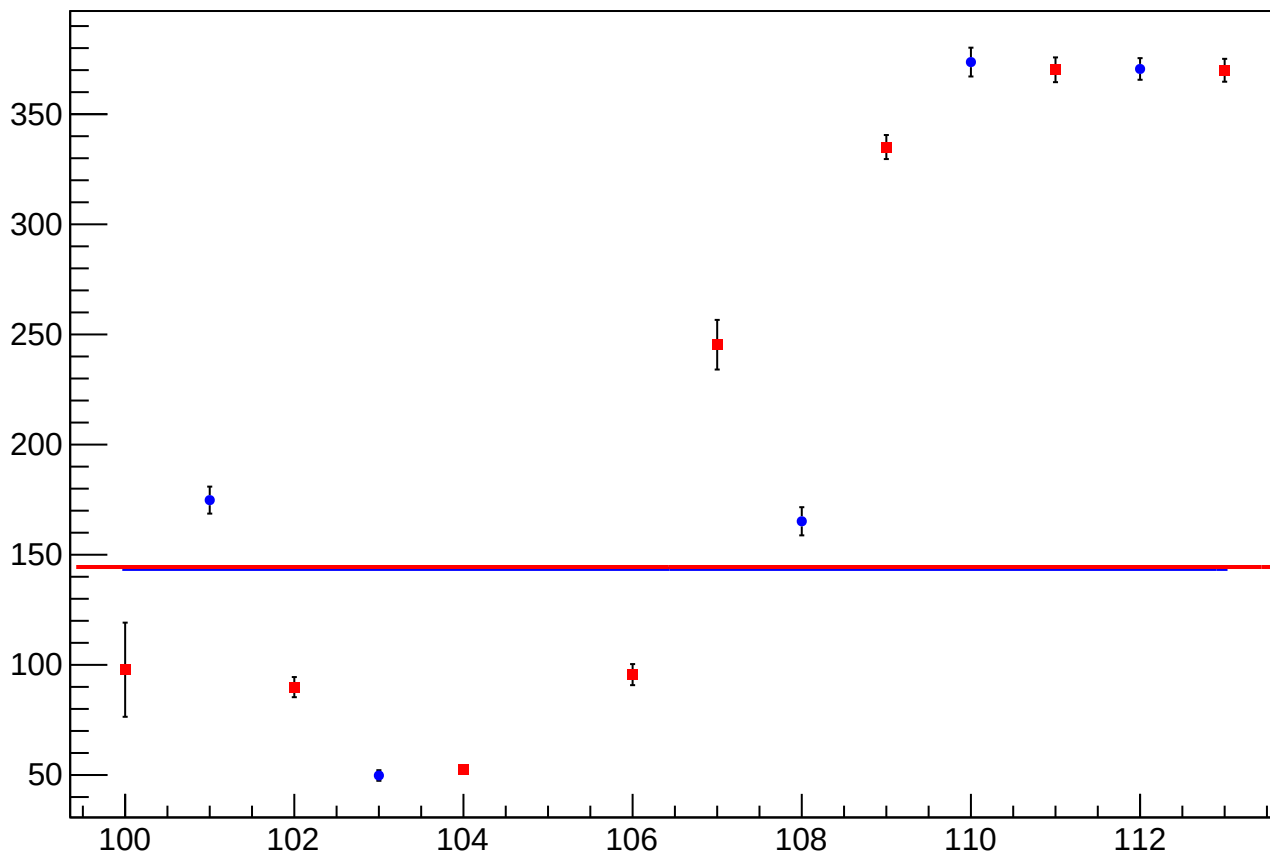
Right: 18.369 $\pm$ 1.336 χ^2 /NDF: 59.9/12

In: 22.997 $\pm$ 2.270 χ^2 /NDF: 13.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.369 $\pm$ 1.336 χ^2 /NDF: 59.9/12

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: 144.429+/-1.584 χ^2/NDF : 6688.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

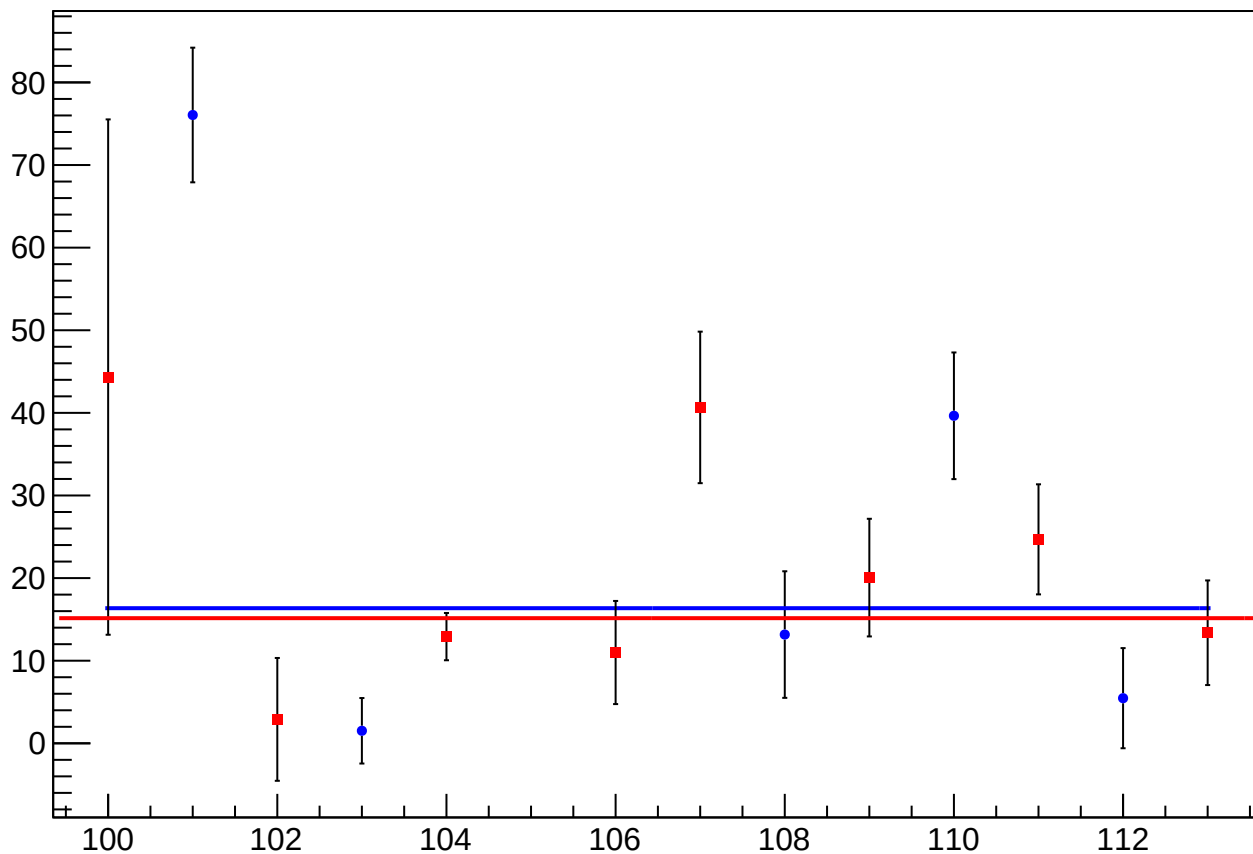
Right: 144.065+/-1.207 χ^2/NDF : 11615.1/12

In: 143.563+/-1.863 χ^2/NDF :4926.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 144.065+/-1.207 χ^2/NDF : 11615.1/12

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: 15.149+/-2.016 χ^2/NDF : 15.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

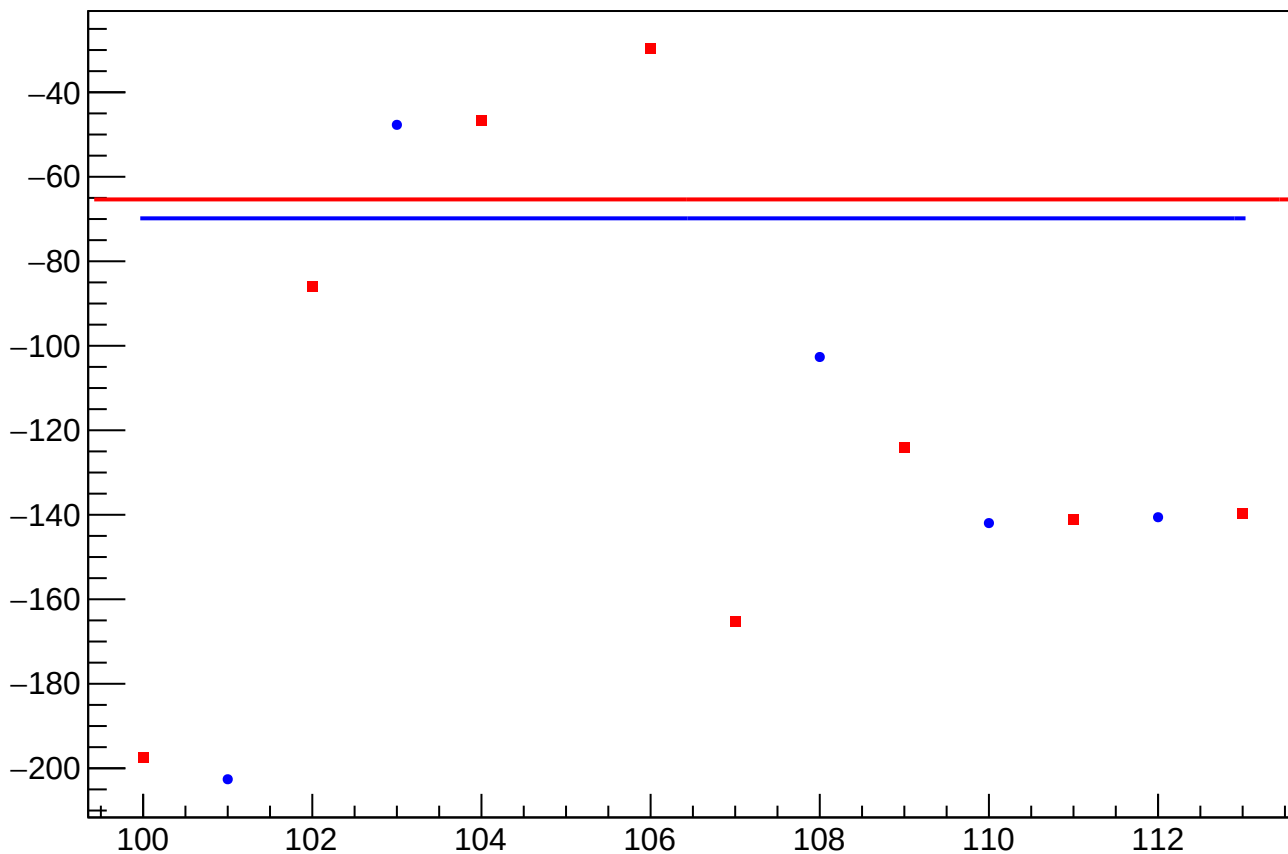
Right: 15.587+/-1.610 χ^2/NDF : 95.4/12

In: 16.357+/-2.673 χ^2/NDF : 80.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.587+/-1.610 χ^2/NDF : 95.4/12

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: -65.359+/-0.079 χ^2/NDF : 222654.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

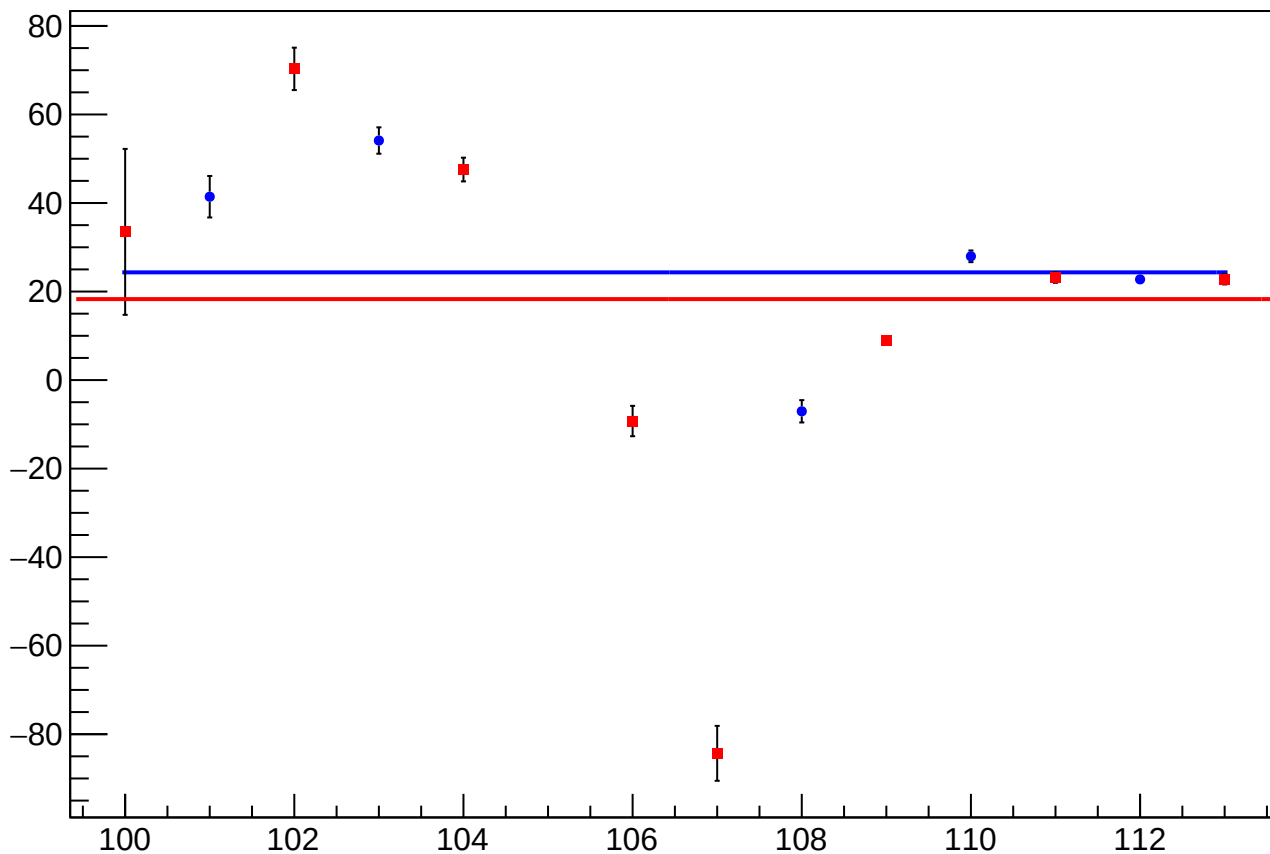
Right: -67.384+/-0.059 χ^2/NDF : 472365.7/12

In: -69.836+/-0.087 χ^2/NDF : 248267.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -67.384+/-0.059 χ^2/NDF : 472365.7/12

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: 18.294+/-0.626 χ^2/NDF : 680.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

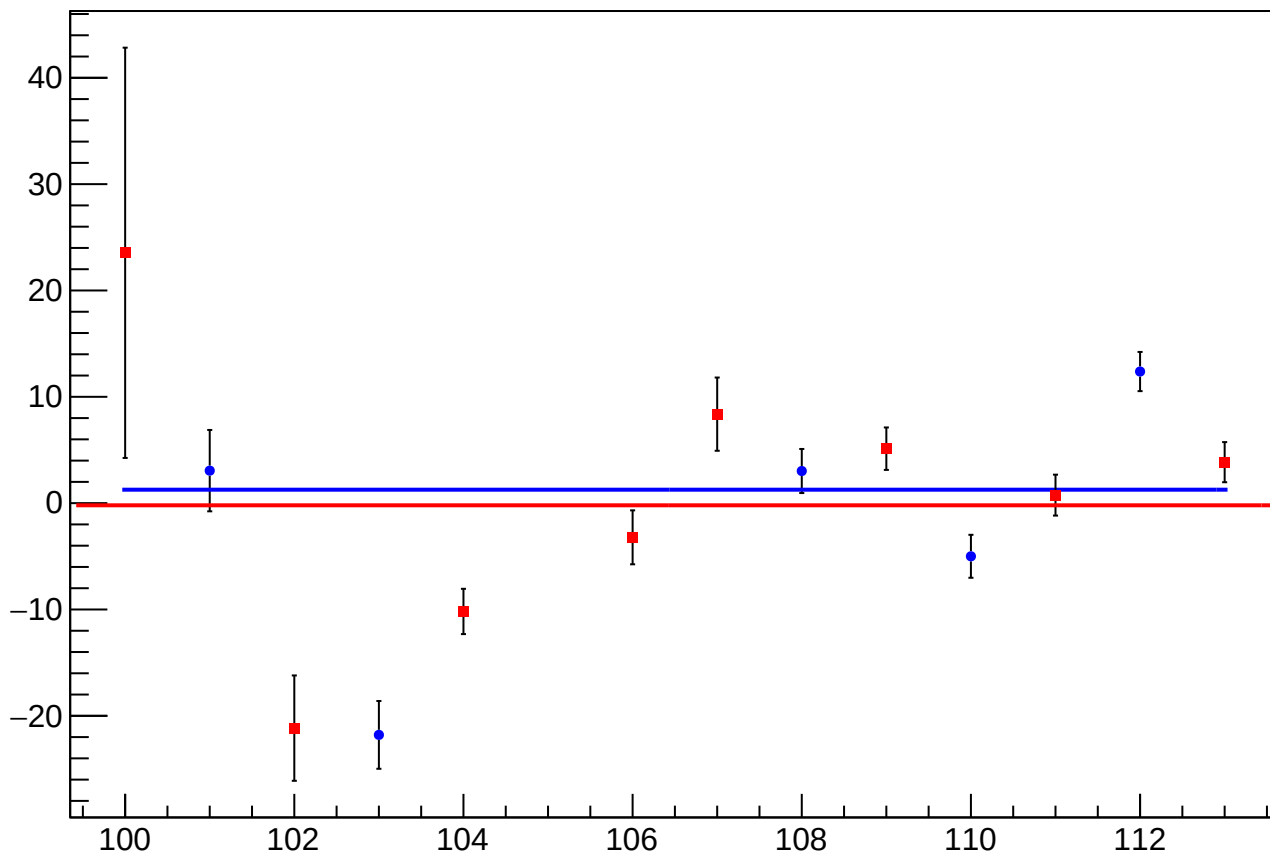
Right: 20.706+/-0.485 χ^2/NDF : 995.9/12

In: 24.334+/-0.767 χ^2/NDF : 277.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.706+/-0.485 χ^2/NDF : 995.9/12

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.266 $\pm$ 1.032 χ^2 /NDF: 99.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.202 $\pm$ 0.875 χ^2 /NDF: 61.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

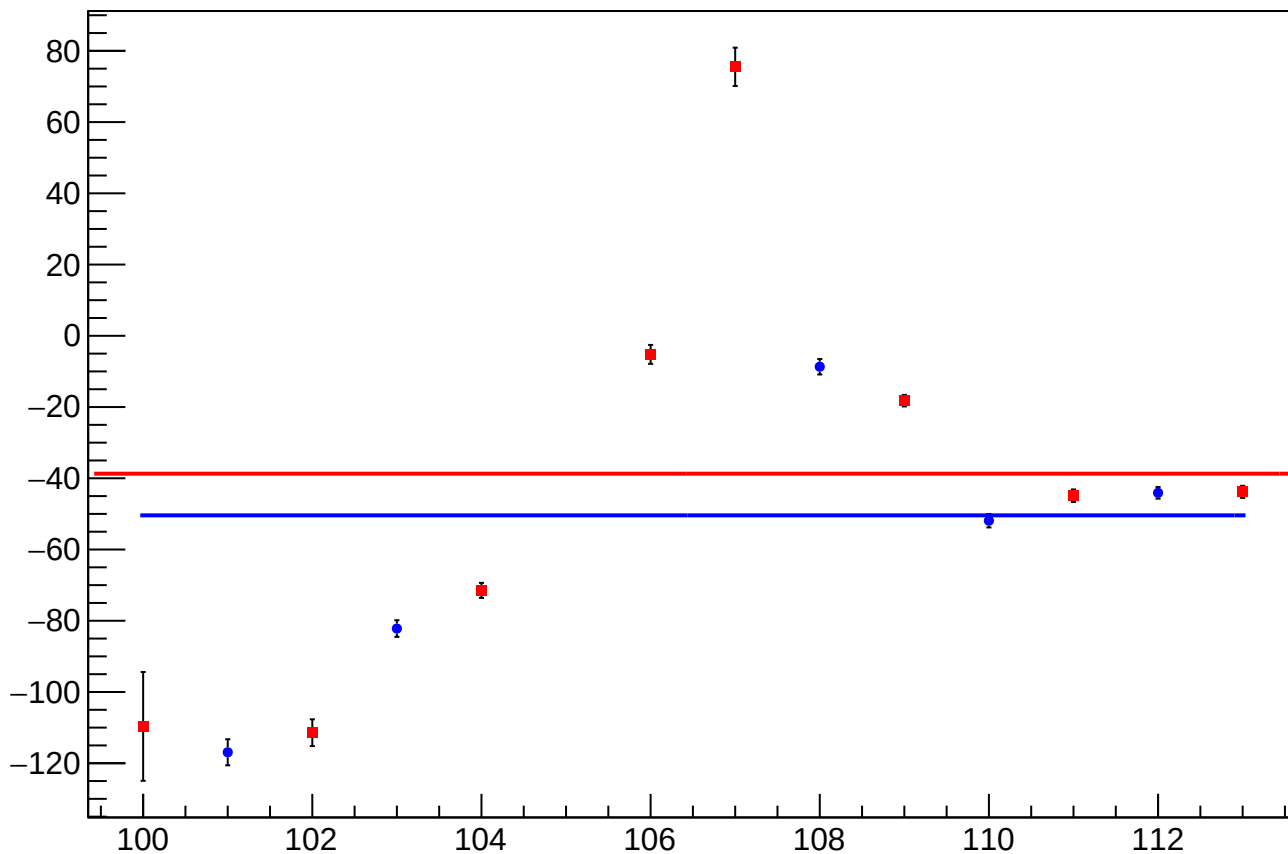
Right: 0.412 $\pm$ 0.667 χ^2 /NDF: 161.4/12

In: 1.266 $\pm$ 1.032 χ^2 /NDF: 99.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.412 $\pm$ 0.667 χ^2 /NDF: 161.4/12

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: -38.712 $\pm$ 0.809 χ^2 /NDF: 1427.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

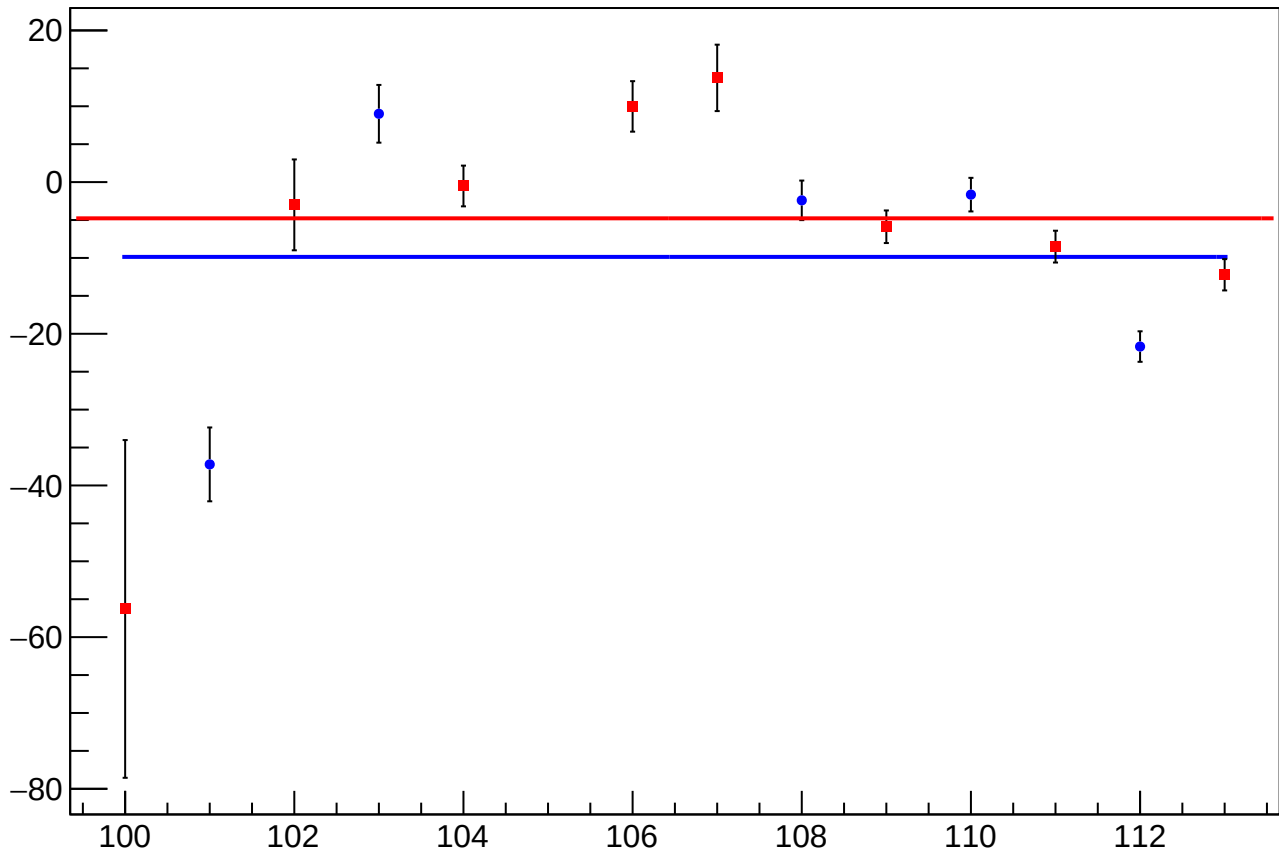
Right: -43.677 $\pm$ 0.614 χ^2 /NDF: 2413.3/12

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: -43.677 $\pm$ 0.614 χ^2 /NDF: 2413.3/12

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: -4.778+/-1.005 χ^2/NDF : 61.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

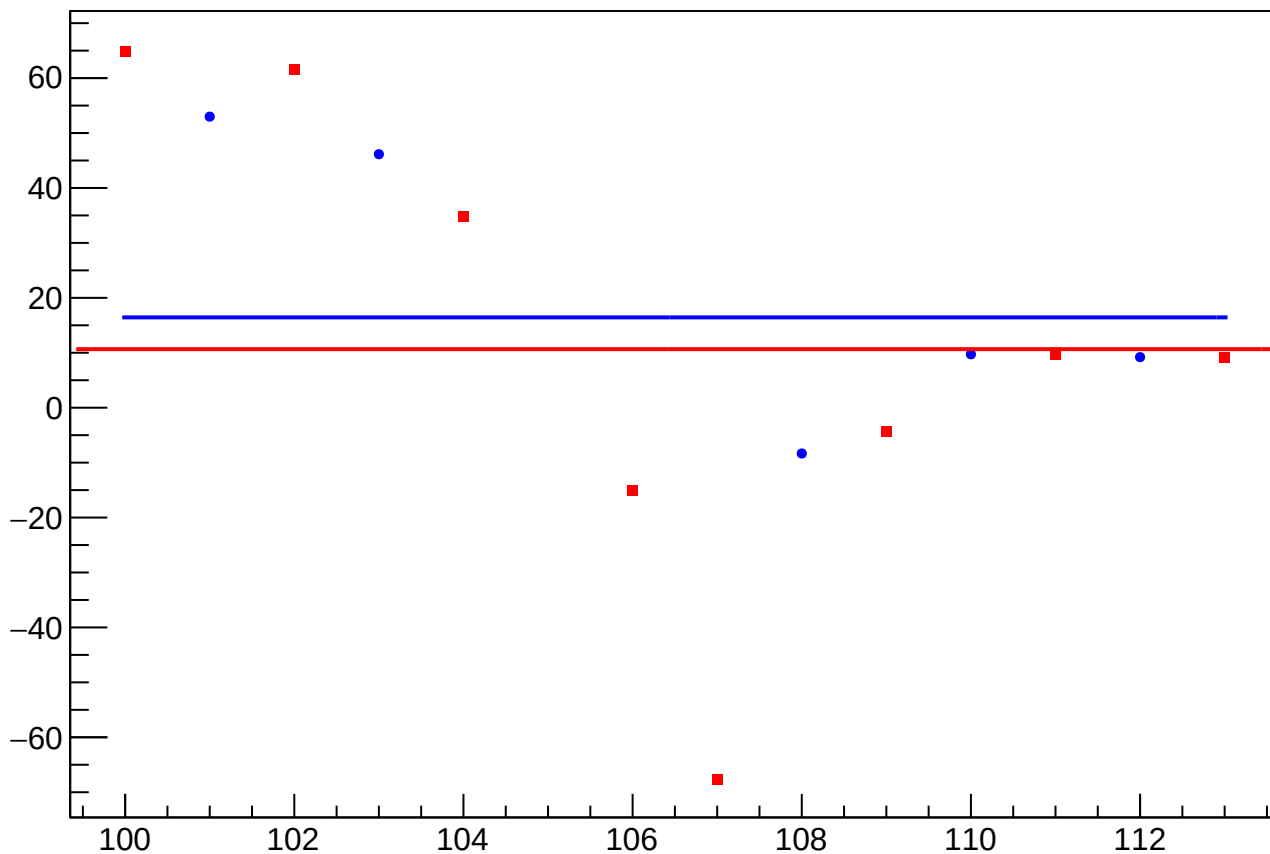
Right: -6.901+/-0.767 χ^2/NDF : 185.2/12

In: -9.862+/-1.187 χ^2/NDF : 112.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.901+/-0.767 χ^2/NDF : 185.2/12

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 16.440 $\pm$ 0.053 χ^2 /NDF: 203296.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.659 $\pm$ 0.050 χ^2 /NDF: 342033.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

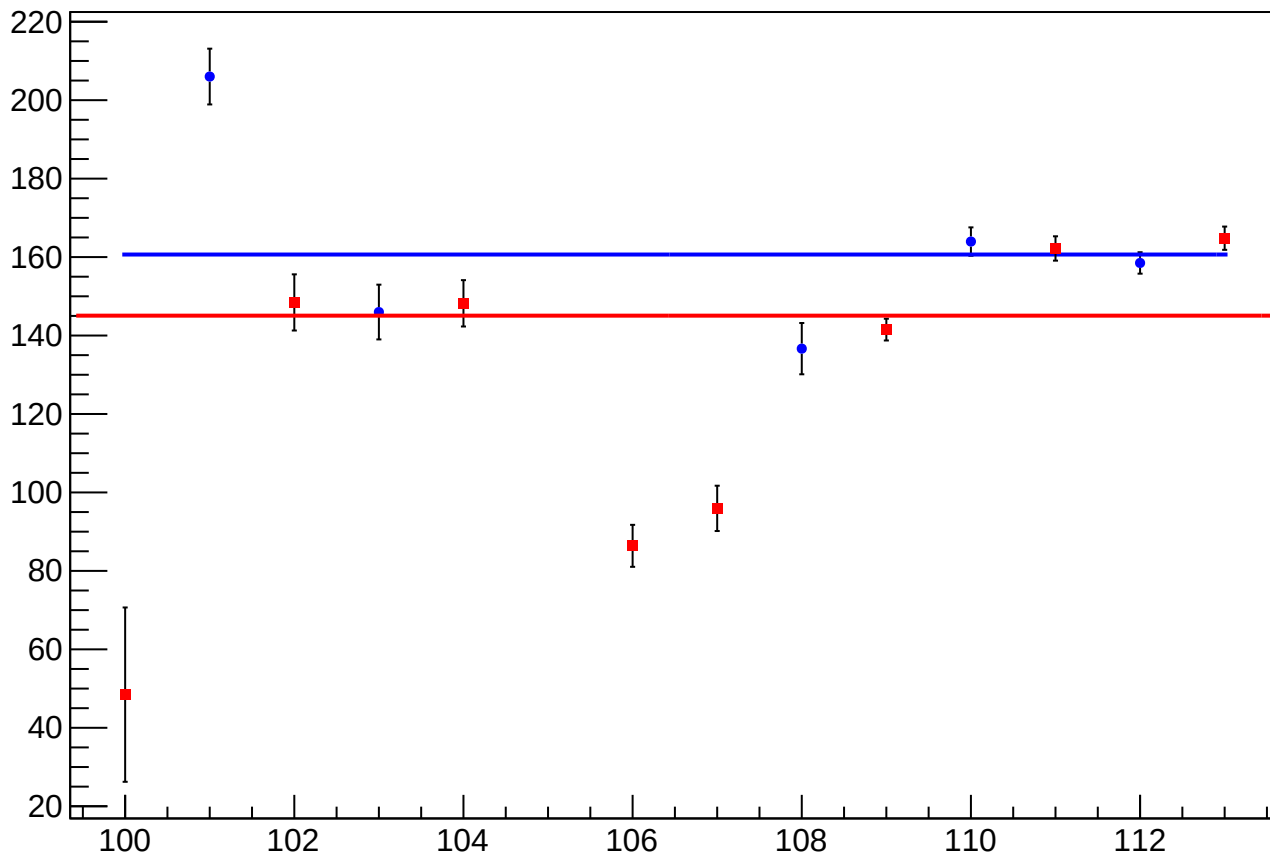
Right: 13.372 $\pm$ 0.036 χ^2 /NDF: 551620.5/12

In: 16.440 $\pm$ 0.053 χ^2 /NDF: 203296.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13.372 $\pm$ 0.036 χ^2 /NDF: 551620.5/12

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: 145.068+/-1.470 χ^2/NDF : 288.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

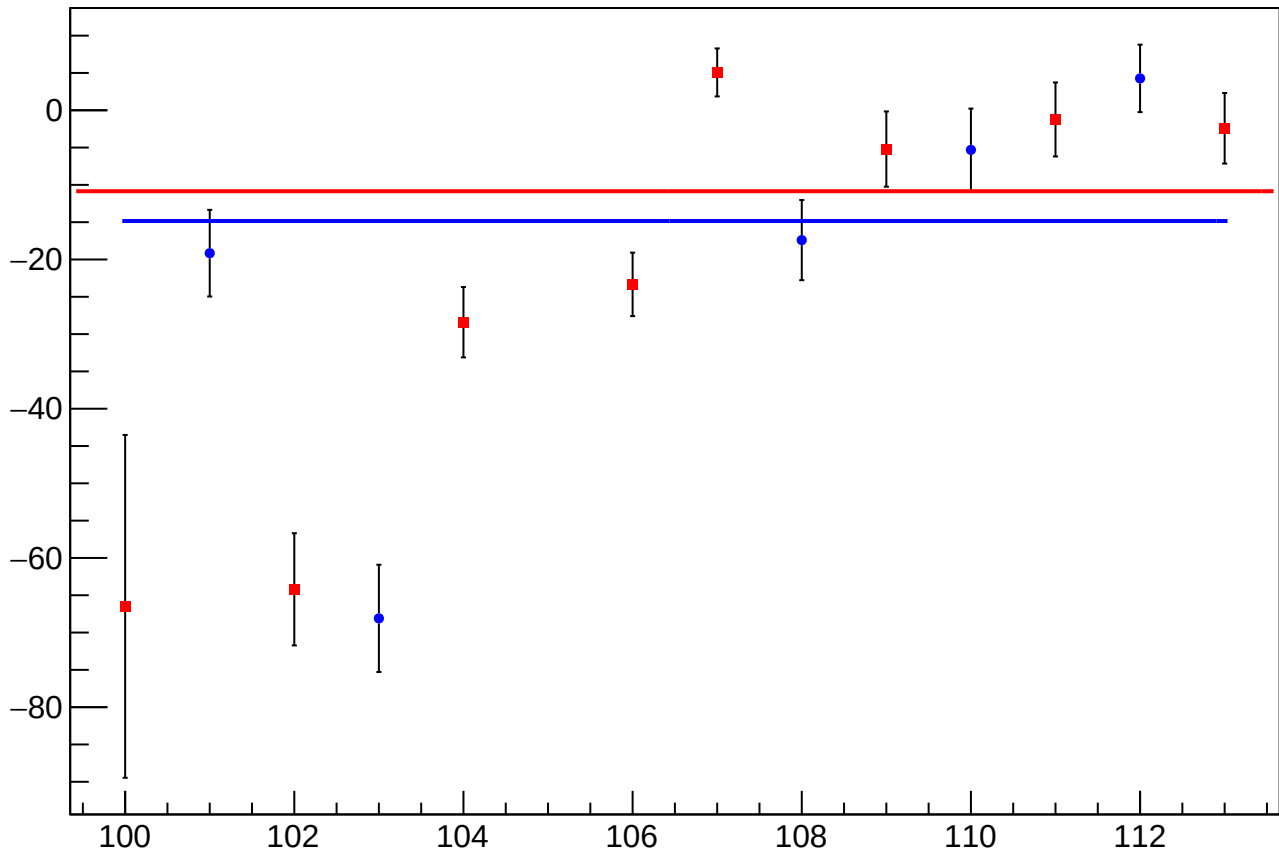
Right: 150.866+/-1.165 χ^2/NDF : 390.4/12

In: 160.651+/-1.910 χ^2/NDF : 60.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.866+/-1.165 χ^2/NDF : 390.4/12

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: -10.848+/-1.712 χ^2/NDF : 111.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

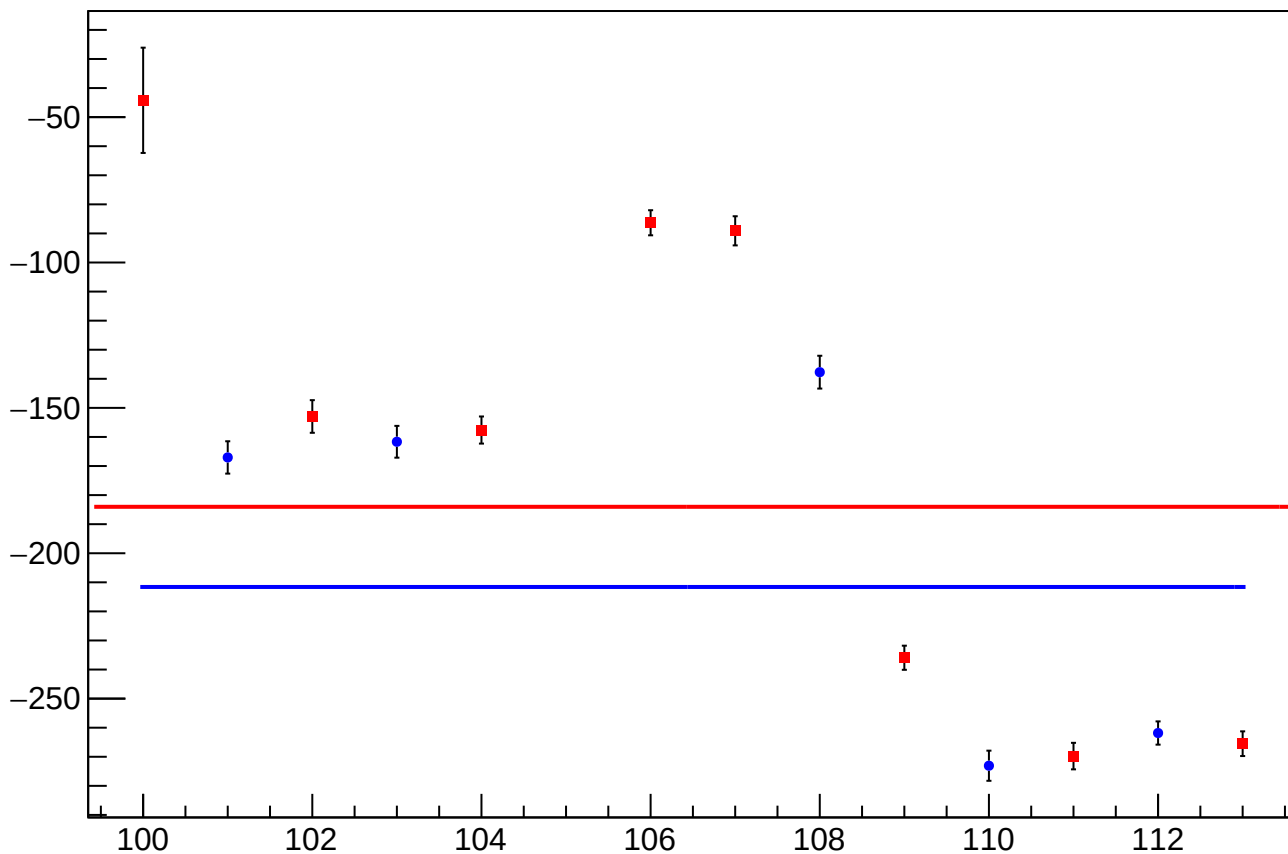
Right: -12.152+/-1.405 χ^2/NDF : 189.7/12

In: -14.845+/-2.460 χ^2/NDF : 76.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.152+/-1.405 χ^2/NDF : 189.7/12

reg_asym_at1_avg_at2_avg_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: -184.024 $\pm$ 1.725 χ^2 /NDF: 1871.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

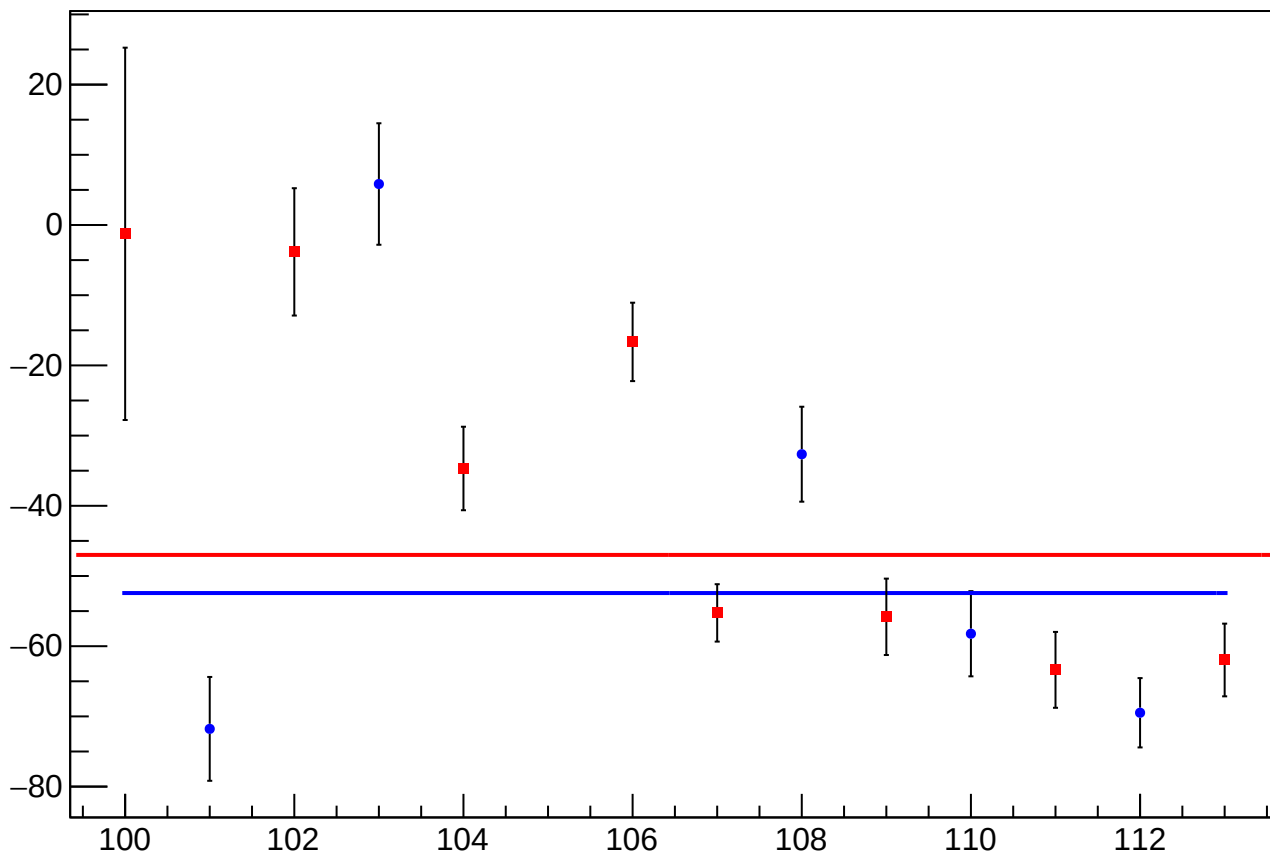
Right: -194.212 $\pm$ 1.370 χ^2 /NDF: 2583.5/12

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: -194.212 $\pm$ 1.370 χ^2 /NDF: 2583.5/12

reg_asym_at1_avg_at2_avg_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: -46.997+/-2.045 χ^2/NDF : 83.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

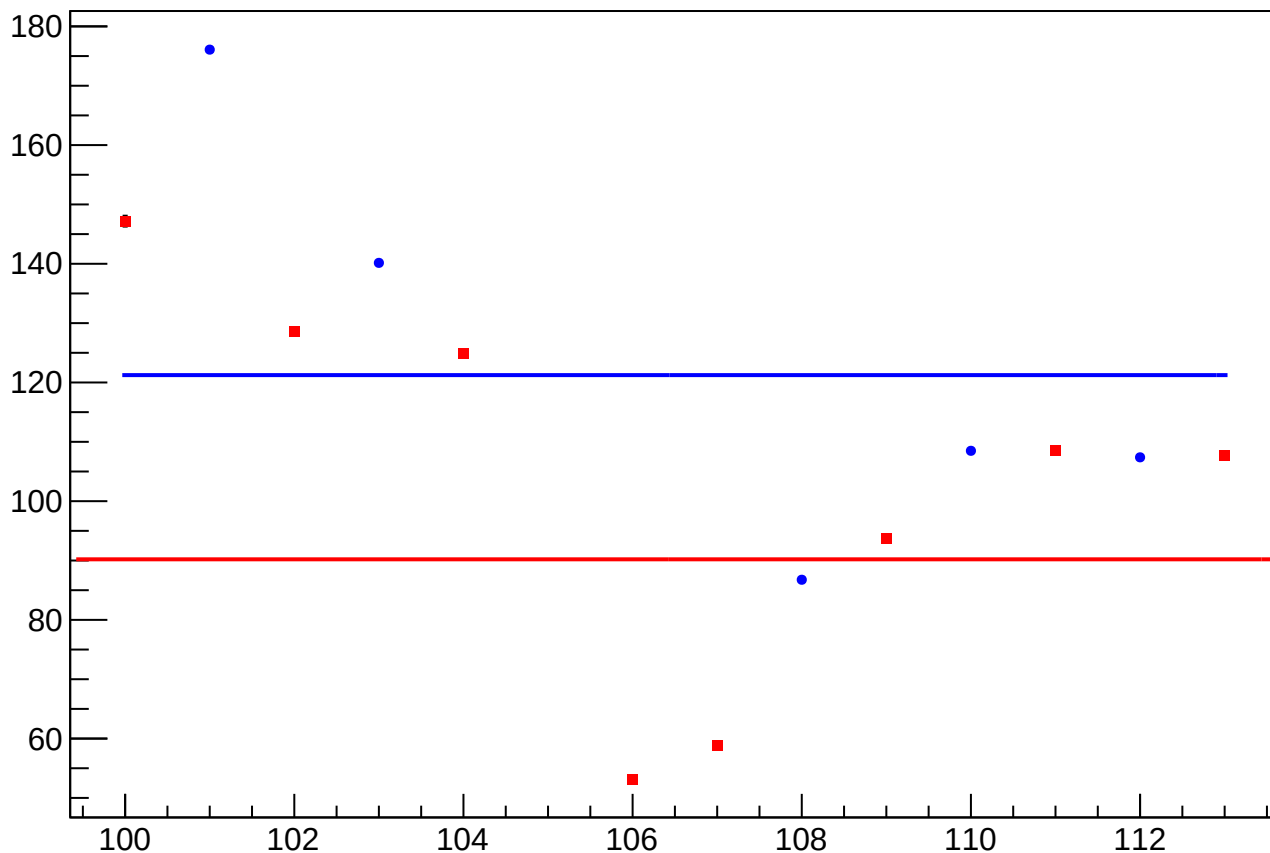
Right: -48.829+/-1.665 χ^2/NDF : 159.6/12

In: -52.428+/-2.867 χ^2/NDF : 73.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.829+/-1.665 χ^2/NDF : 159.6/12

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: 90.203 +/- 0.092 χ^2/NDF : 118241.8/7

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

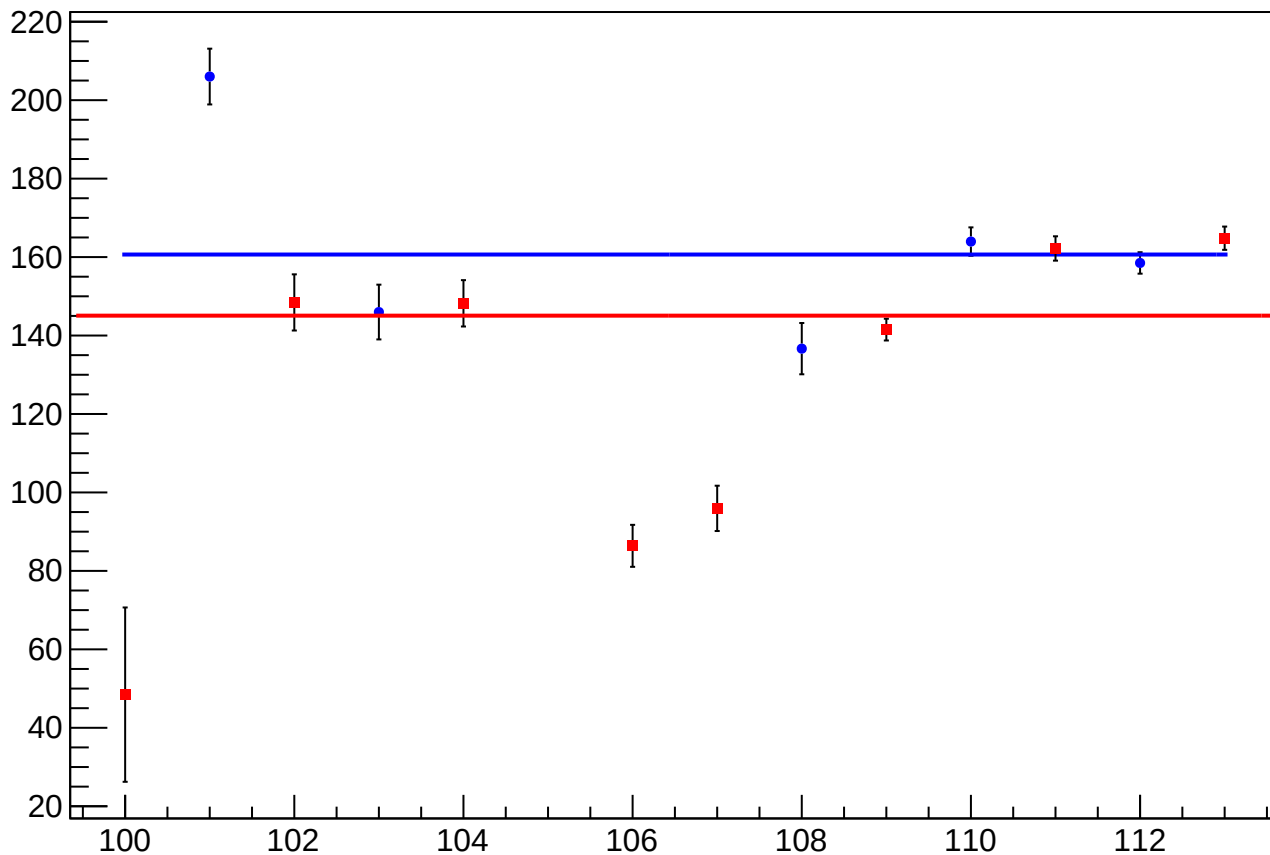
Right: 100.943 +/- 0.075 χ^2/NDF : 216342.5/12

In: 121.242 +/- 0.127 χ^2/NDF : 59071.7/4

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 100.943 +/- 0.075 χ^2/NDF : 216342.5/12

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: 145.068+/-1.470 χ^2/NDF : 288.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

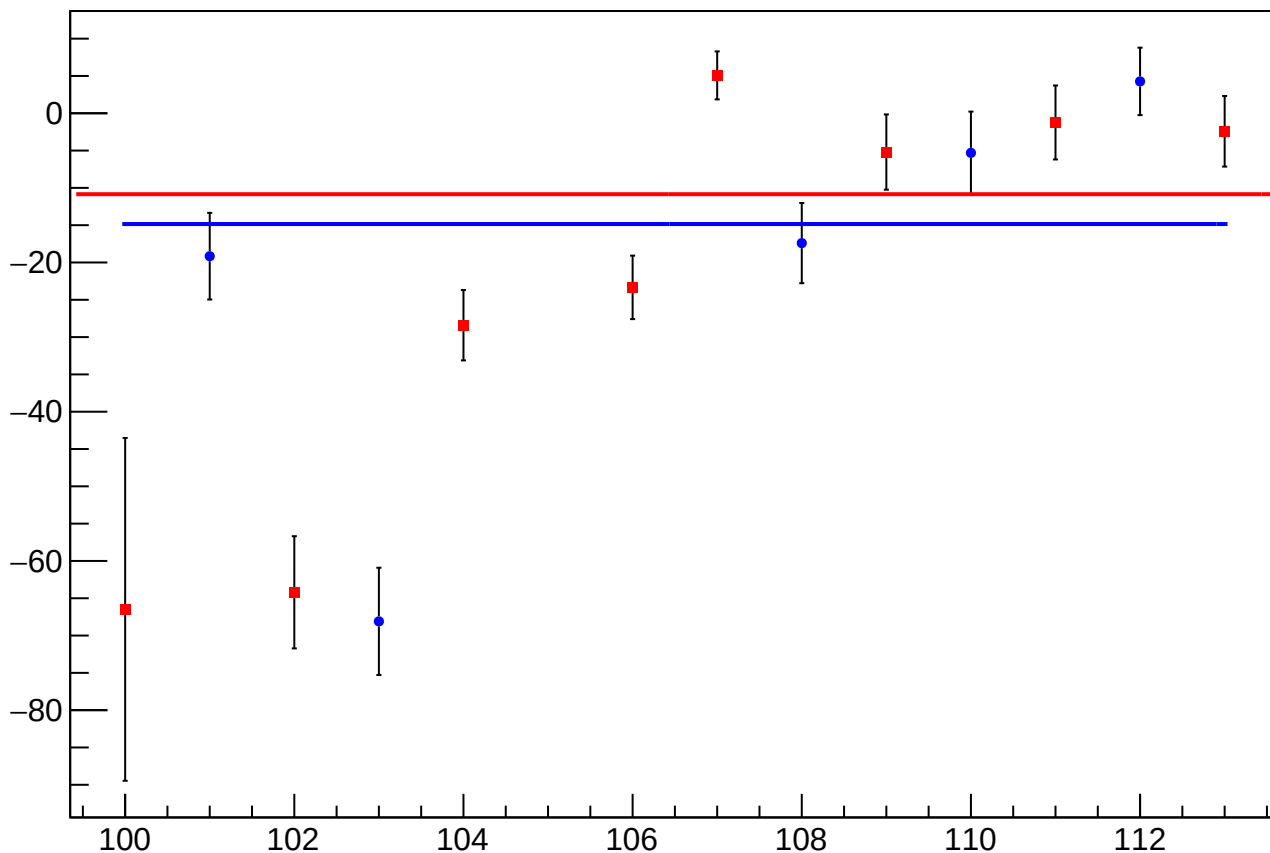
Right: 150.866+/-1.165 χ^2/NDF : 390.4/12

In: 160.651+/-1.910 χ^2/NDF : 60.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.866+/-1.165 χ^2/NDF : 390.4/12

reg_asym_atl1r2_dd_atl2r1_dd_dd_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: -10.848 $\pm$ 1.712 χ^2 /NDF: 111.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

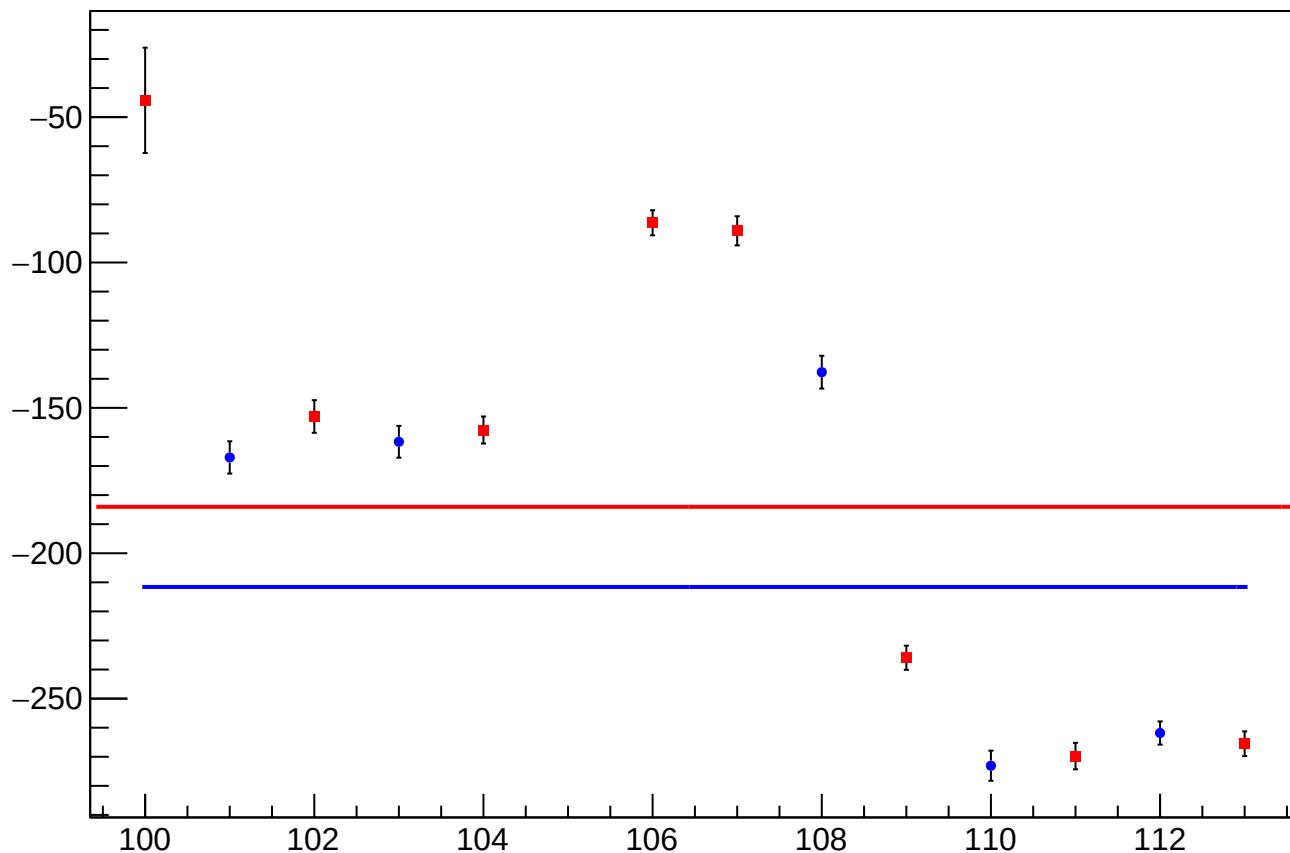
Right: -12.152 $\pm$ 1.405 χ^2 /NDF: 189.7/12

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: -12.152 $\pm$ 1.405 χ^2 /NDF: 189.7/12

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: -184.024 $\pm$ 1.725 χ^2 /NDF: 1871.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

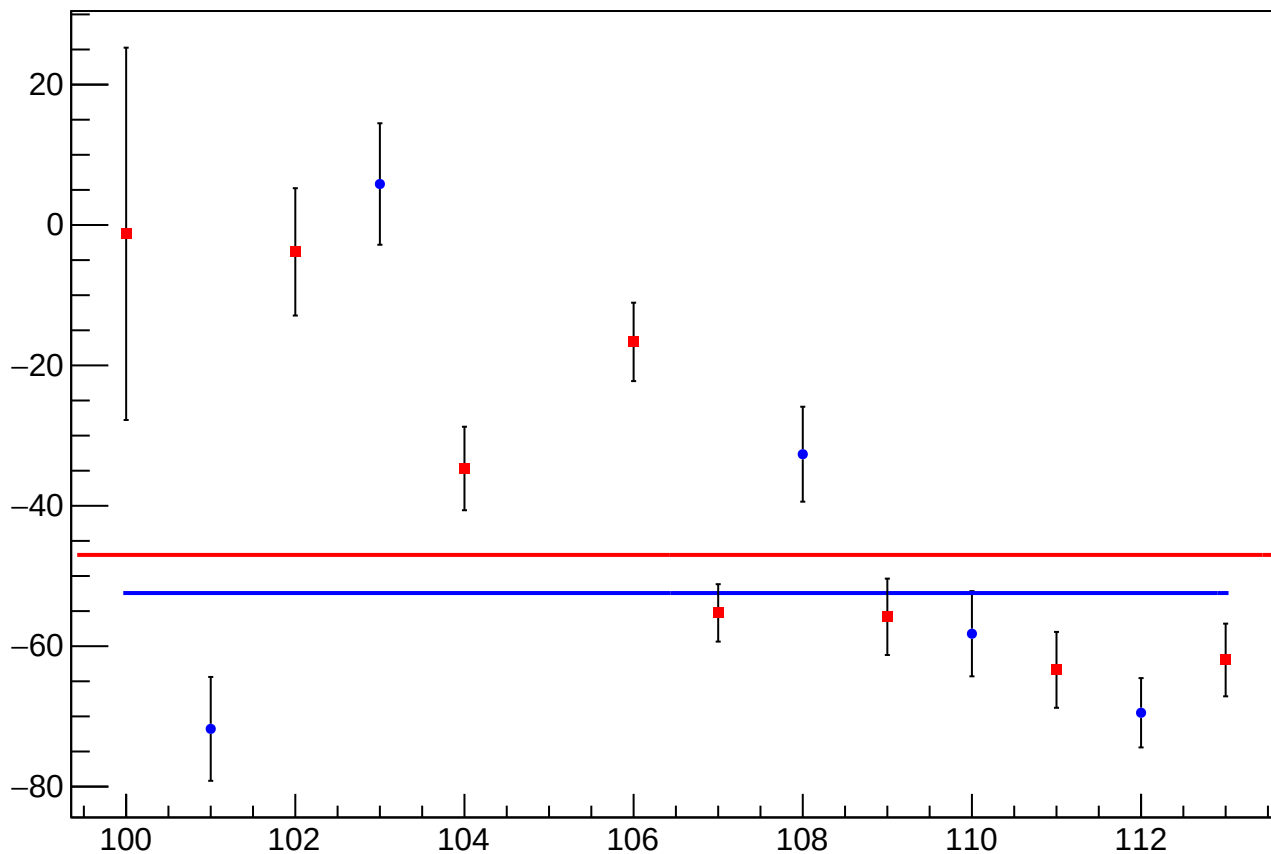
Right: -194.212 $\pm$ 1.370 χ^2 /NDF: 2583.5/12

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: -194.212 $\pm$ 1.370 χ^2 /NDF: 2583.5/12

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: -46.997+/-2.045 χ^2/NDF : 83.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

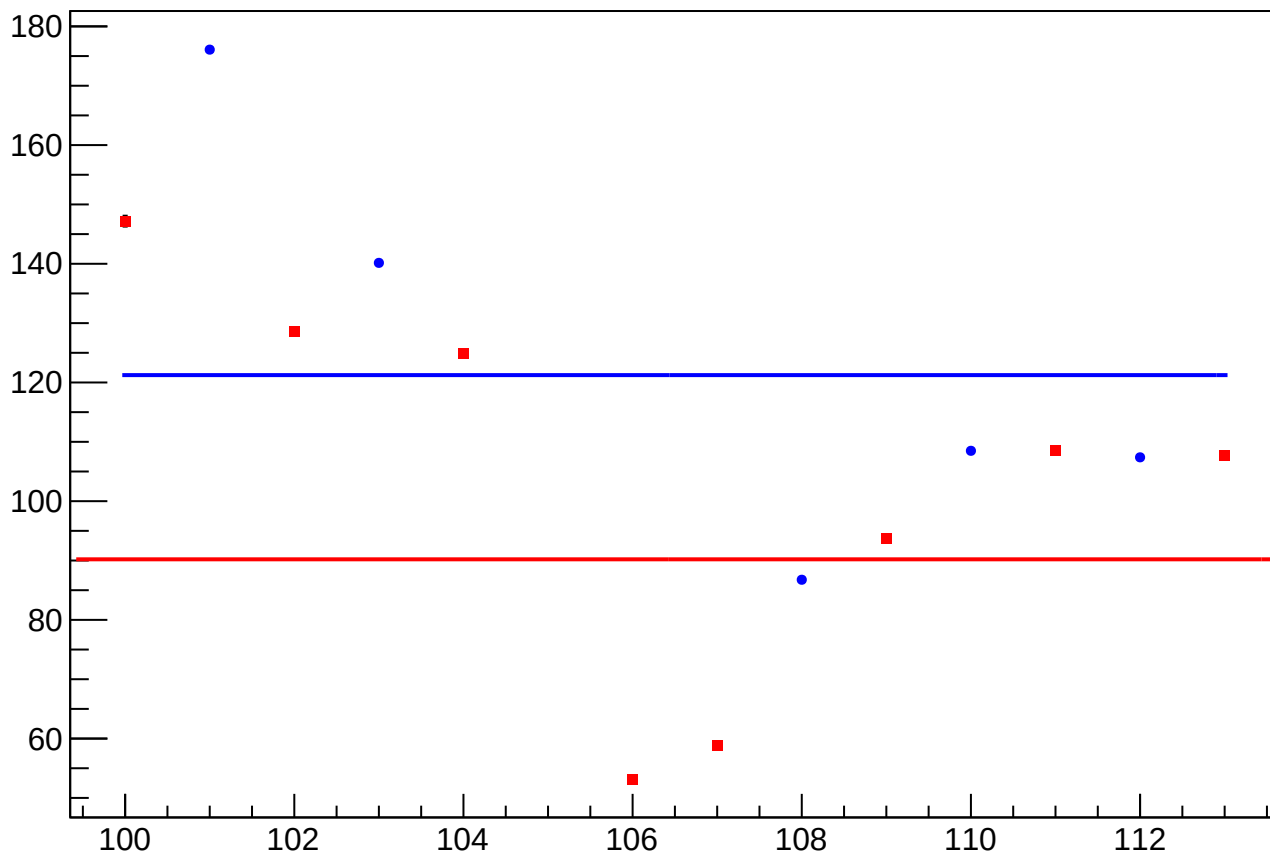
Right: -48.829+/-1.665 χ^2/NDF : 159.6/12

In: -52.428+/-2.867 χ^2/NDF : 73.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.829+/-1.665 χ^2/NDF : 159.6/12

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 121.242 $\pm$ 0.127 χ^2 /NDF: 59071.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 90.203 $\pm$ 0.092 χ^2 /NDF: 118241.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

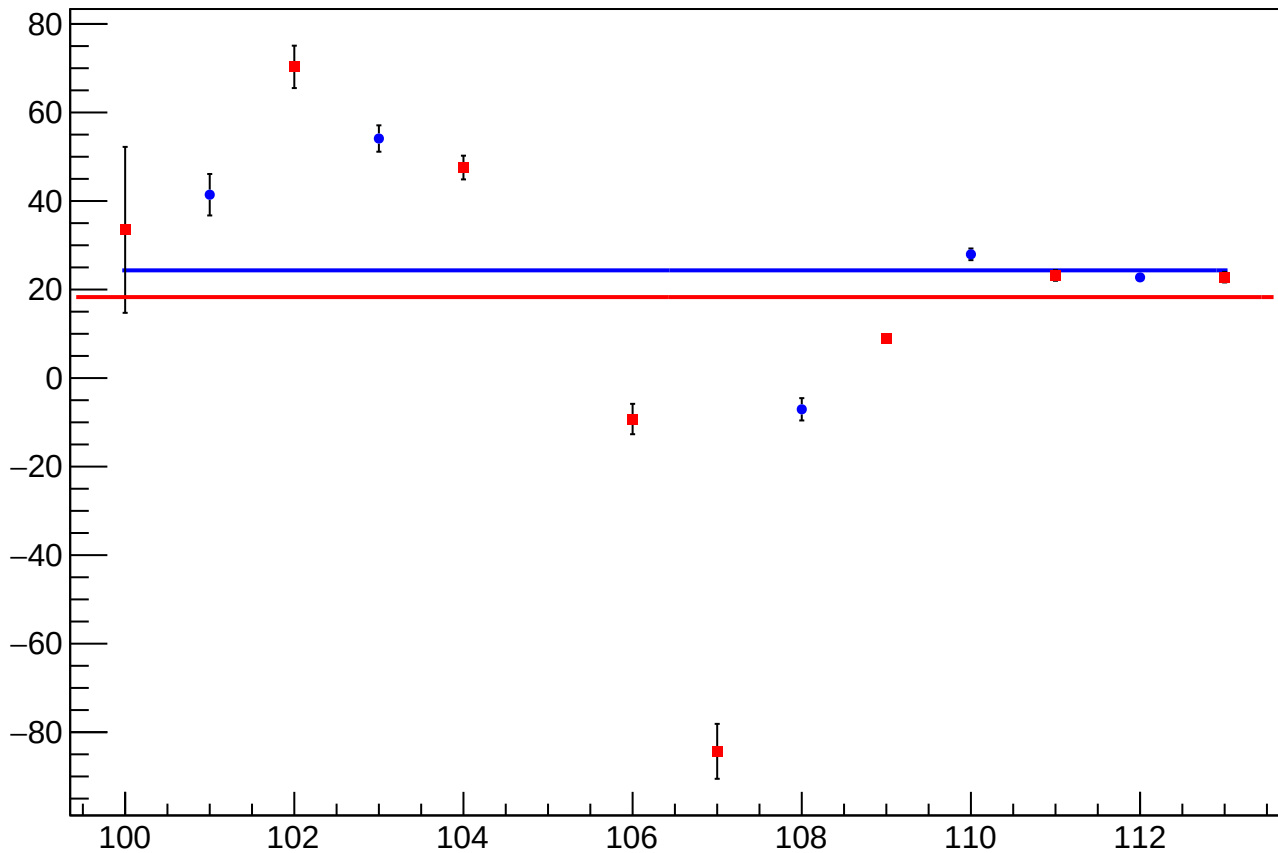
Right: 100.943 $\pm$ 0.075 χ^2 /NDF: 216342.5/12

In: 121.242 $\pm$ 0.127 χ^2 /NDF:59071.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 100.943 $\pm$ 0.075 χ^2 /NDF: 216342.5/12

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: 18.294+/-0.626 χ^2/NDF : 680.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

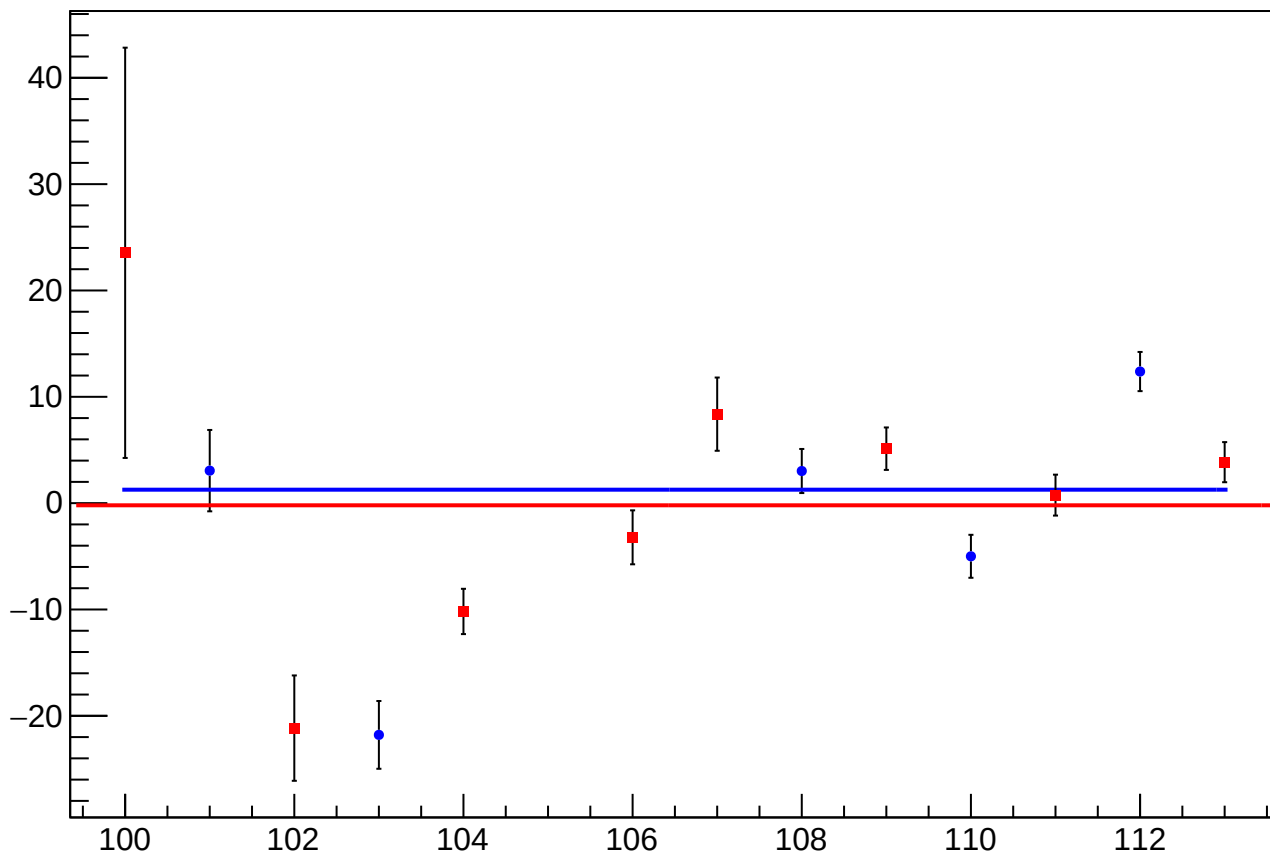
Right: 20.706+/-0.485 χ^2/NDF : 995.9/12

In: 24.334+/-0.767 χ^2/NDF : 277.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.706+/-0.485 χ^2/NDF : 995.9/12

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: -0.202+/-0.875 χ^2/NDF : 61.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

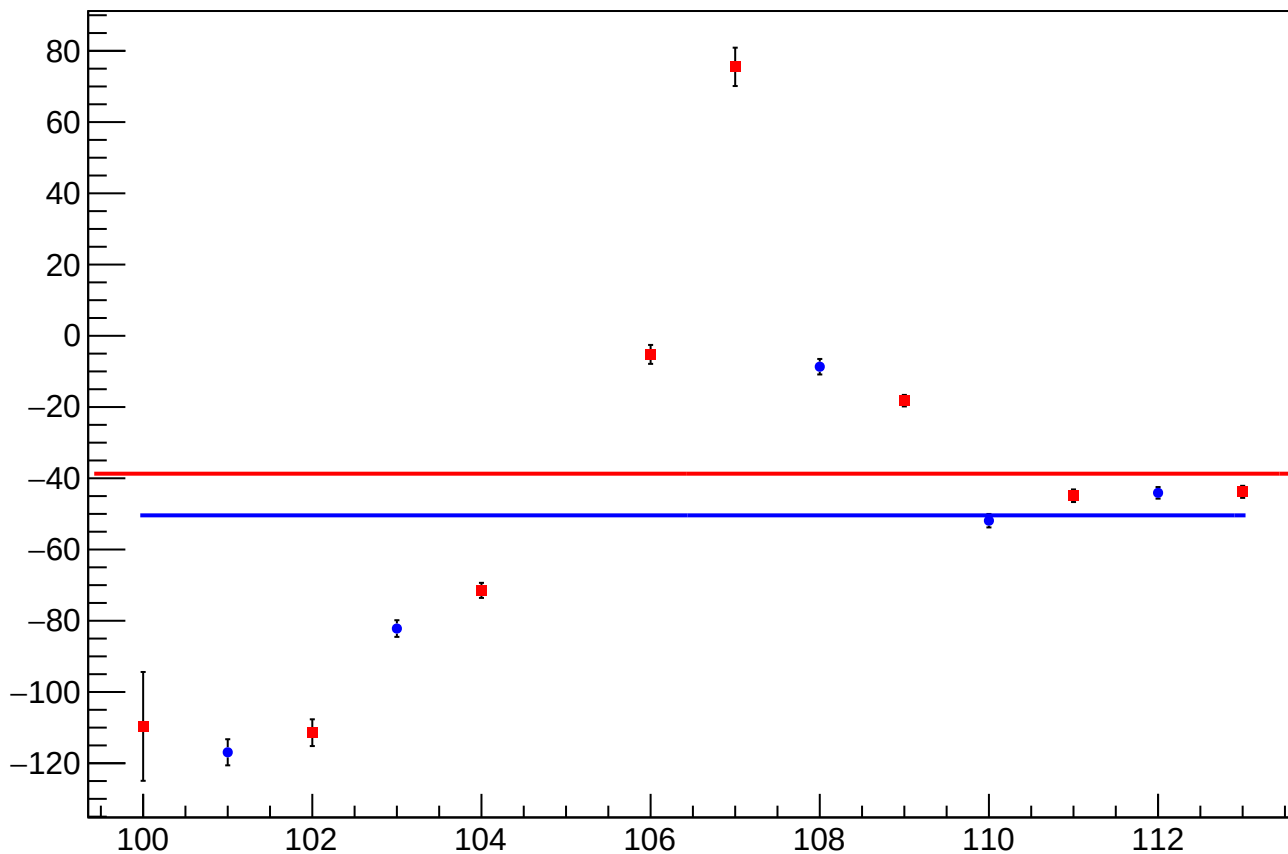
Right: 0.412+/-0.667 χ^2/NDF : 161.4/12

In: 1.266+/-1.032 χ^2/NDF : 99.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.412+/-0.667 χ^2/NDF : 161.4/12

reg_asym_atl1r2_dd_atl2r1_dd_avg_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: -38.712 $\pm$ 0.809 χ^2 /NDF: 1427.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

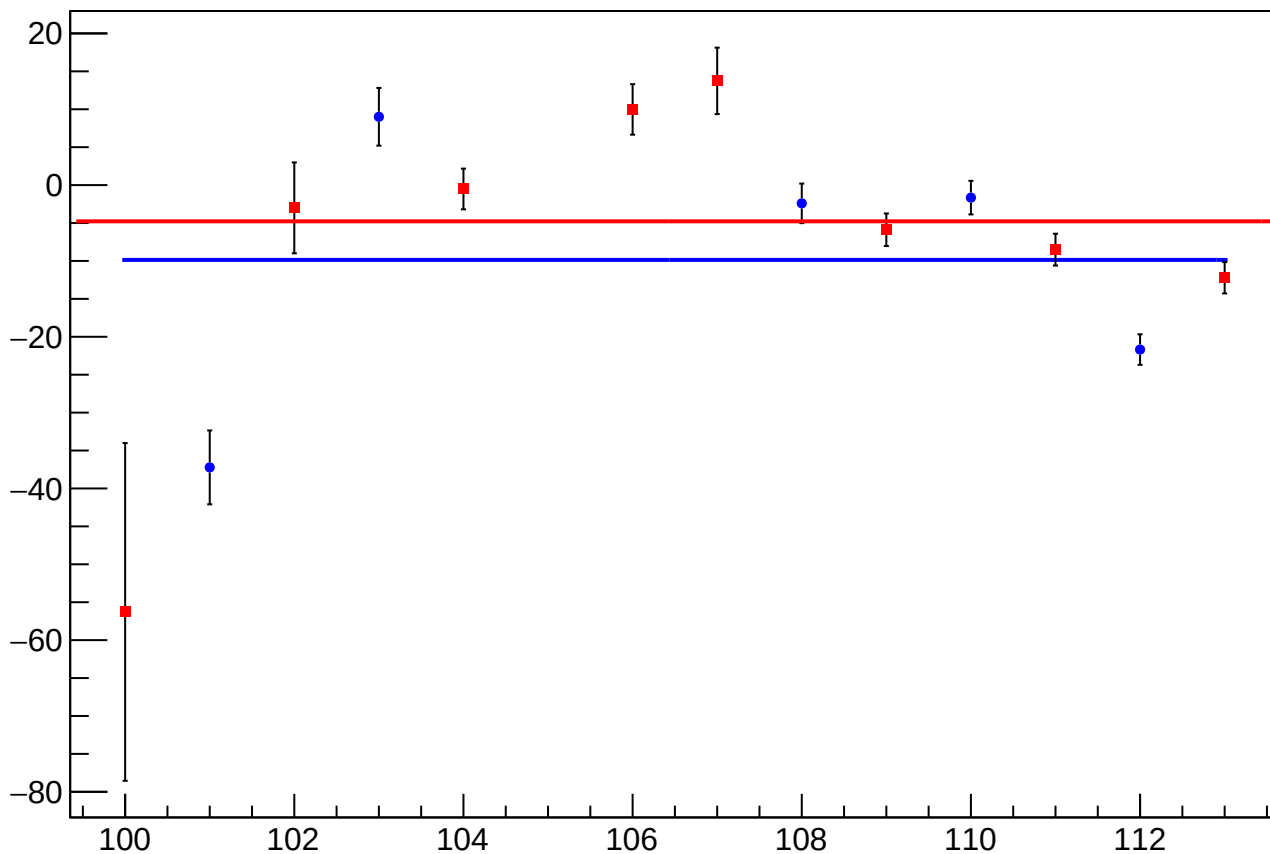
Right: -43.677 $\pm$ 0.614 χ^2 /NDF: 2413.3/12

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: -43.677 $\pm$ 0.614 χ^2 /NDF: 2413.3/12

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: -4.778+/-1.005 χ^2/NDF : 61.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

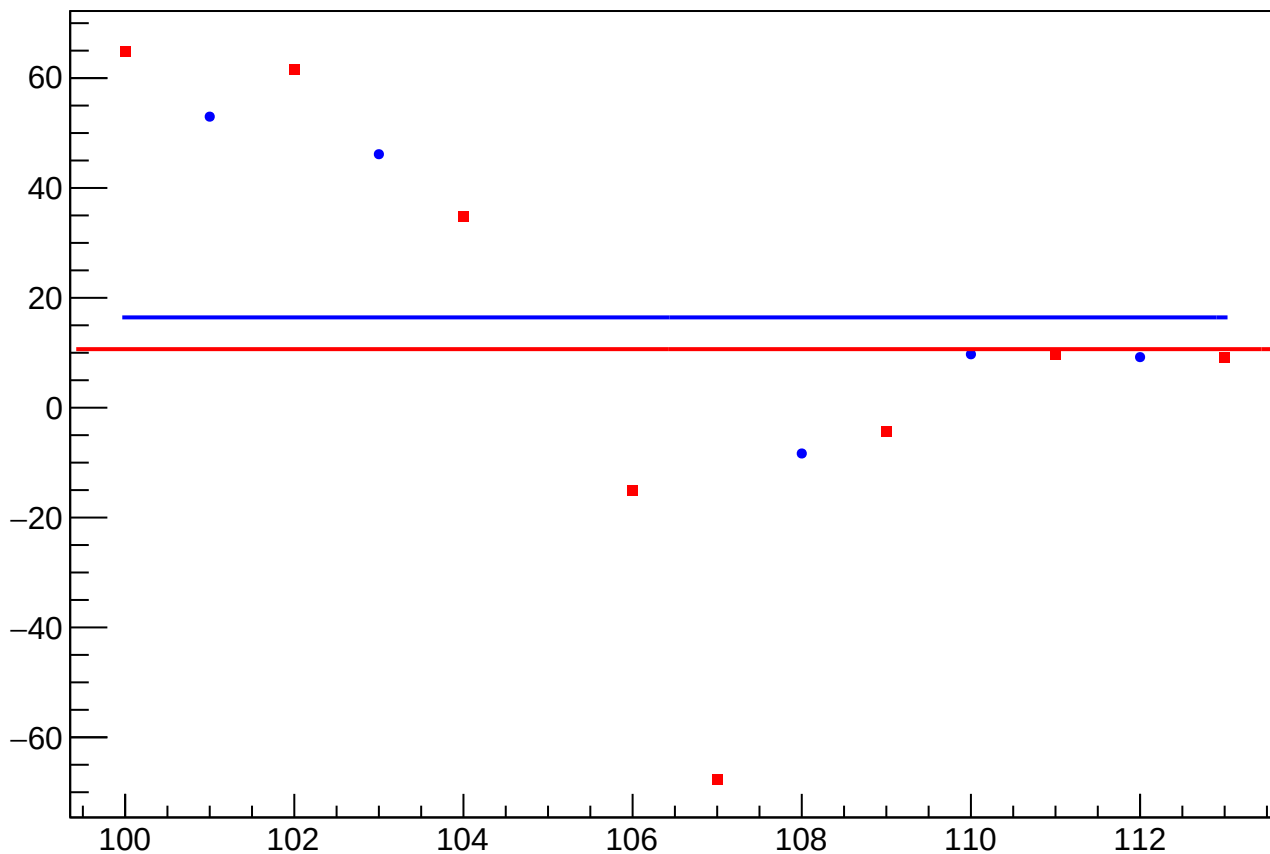
Right: -6.901+/-0.767 χ^2/NDF : 185.2/12

In: -9.862+/-1.187 χ^2/NDF : 112.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.901+/-0.767 χ^2/NDF : 185.2/12

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 16.440 $\pm$ 0.053 χ^2 /NDF: 203296.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 10.659 $\pm$ 0.050 χ^2 /NDF: 342033.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

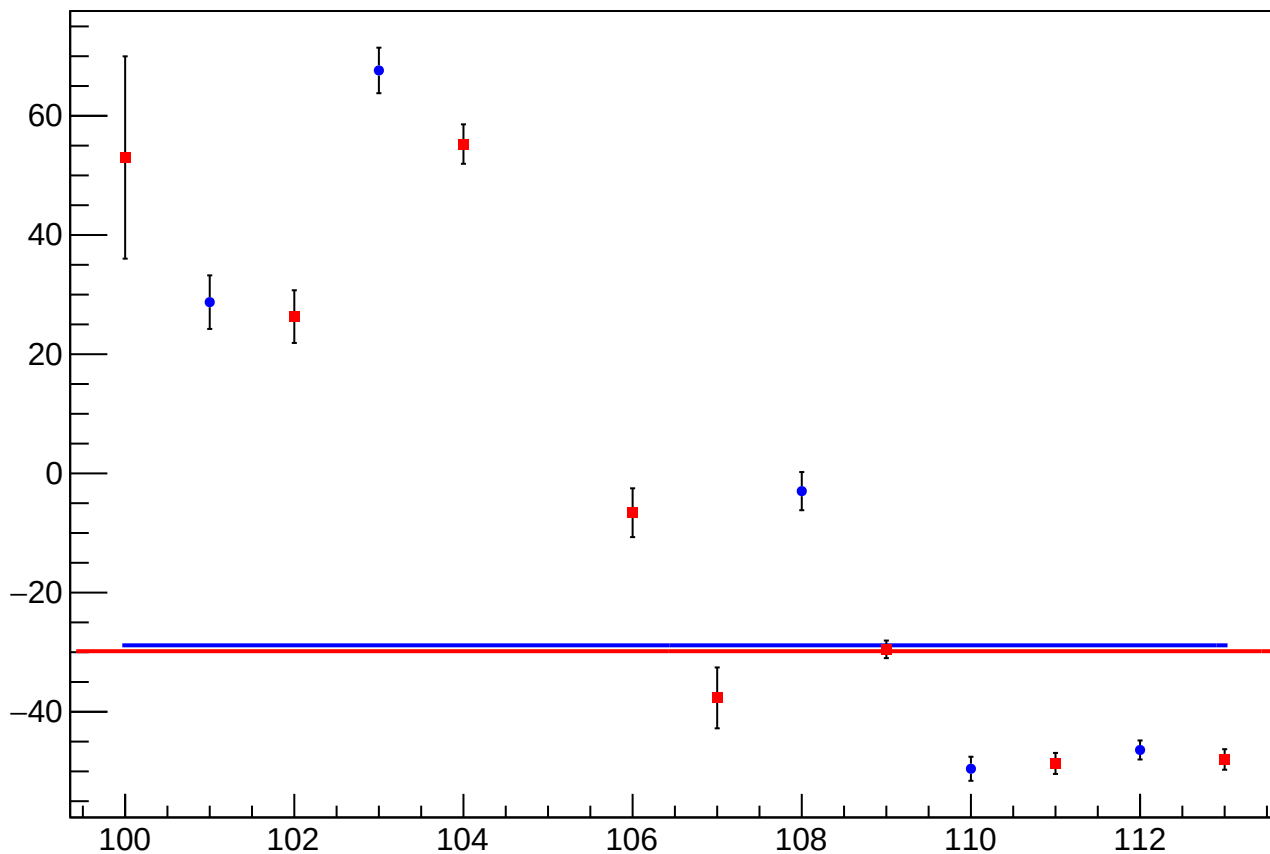
Right: 13.372 $\pm$ 0.036 χ^2 /NDF: 551620.5/12

In: 16.440 $\pm$ 0.053 χ^2 /NDF:203296.5/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 13.372 $\pm$ 0.036 χ^2 /NDF: 551620.5/12

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: -29.832+/-0.857 χ^2/NDF : 1106.2/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

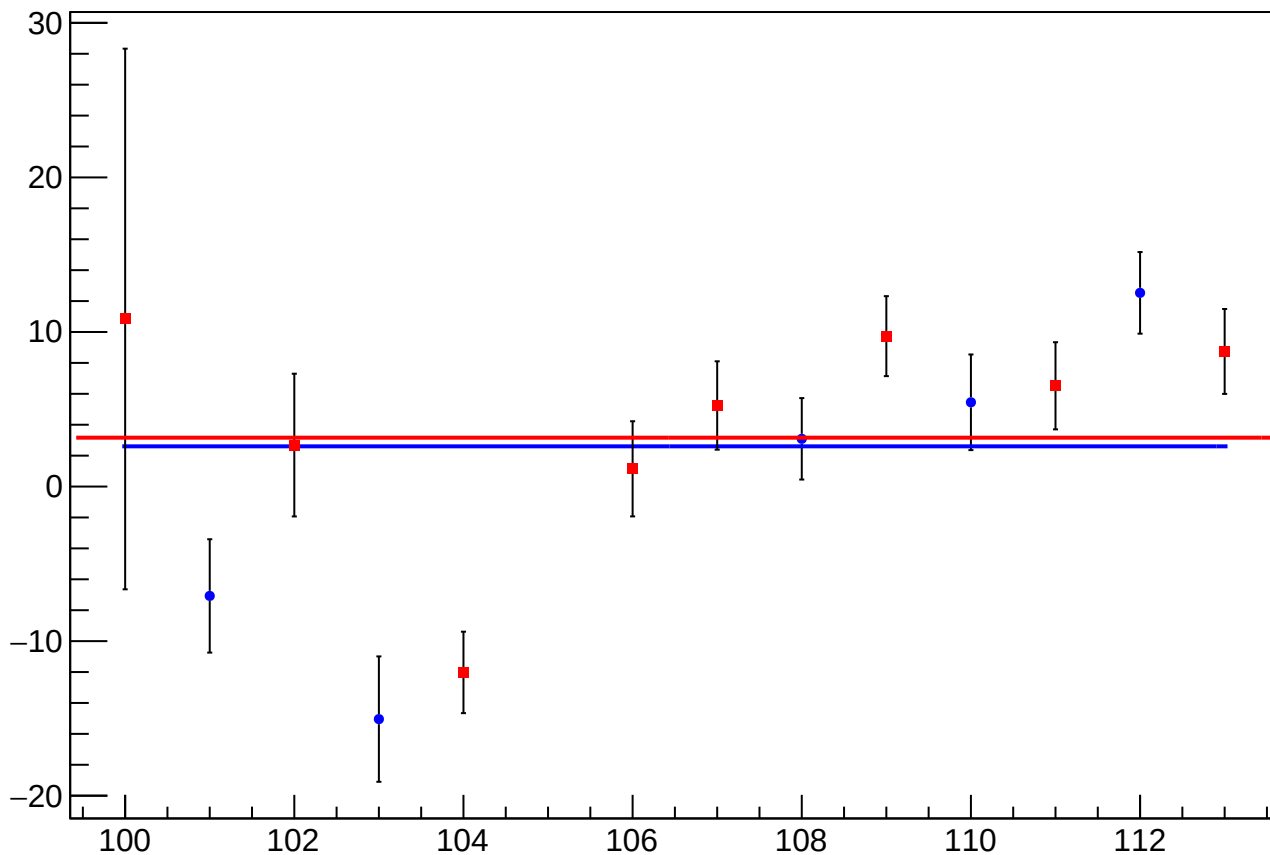
Right: -29.451+/-0.672 χ^2/NDF : 2200.4/12

In: -28.845+/-1.082 χ^2/NDF :1093.7/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -29.451+/-0.672 χ^2/NDF : 2200.4/12

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: 3.163 $\pm$ 1.098 χ^2 /NDF: 46.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

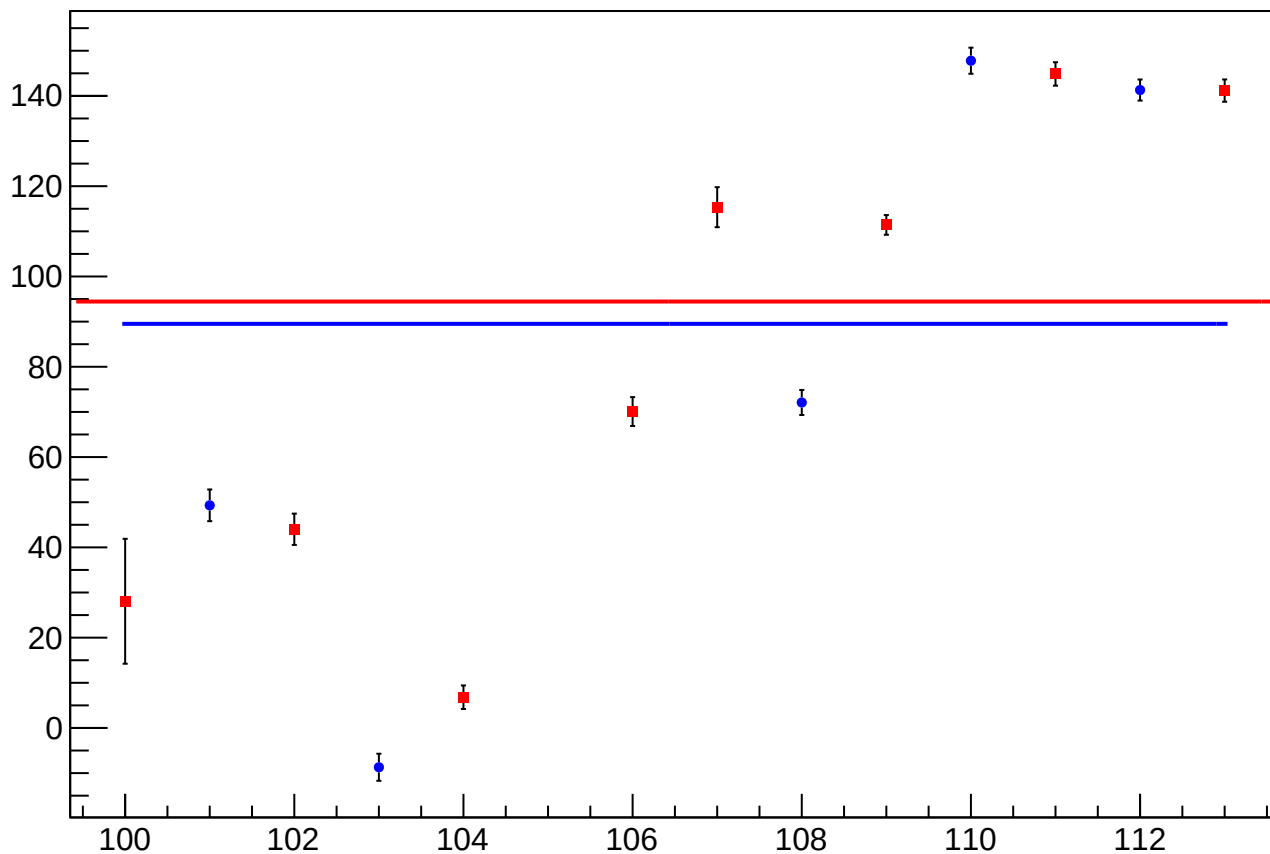
Right: 2.945 $\pm$ 0.858 χ^2 /NDF: 87.4/12

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: 2.945 $\pm$ 0.858 χ^2 /NDF: 87.4/12

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: 94.449+/-1.050 χ^2/NDF : 2239.5/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

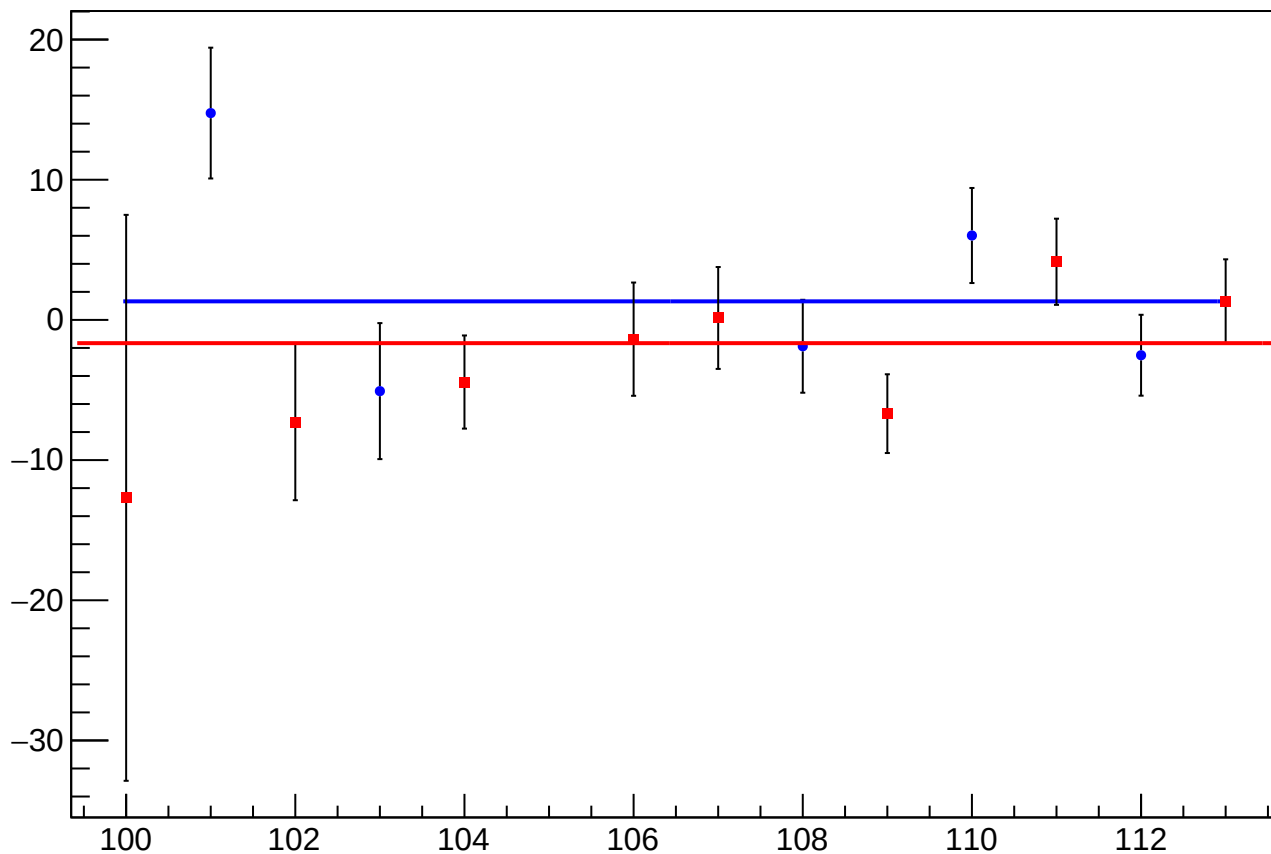
Right: 92.433+/-0.808 χ^2/NDF : 4391.2/12

In: 89.511+/-1.264 χ^2/NDF :2142.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 92.433+/-0.808 χ^2/NDF : 4391.2/12

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: -1.658+/-1.285 χ^2/NDF : 10.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

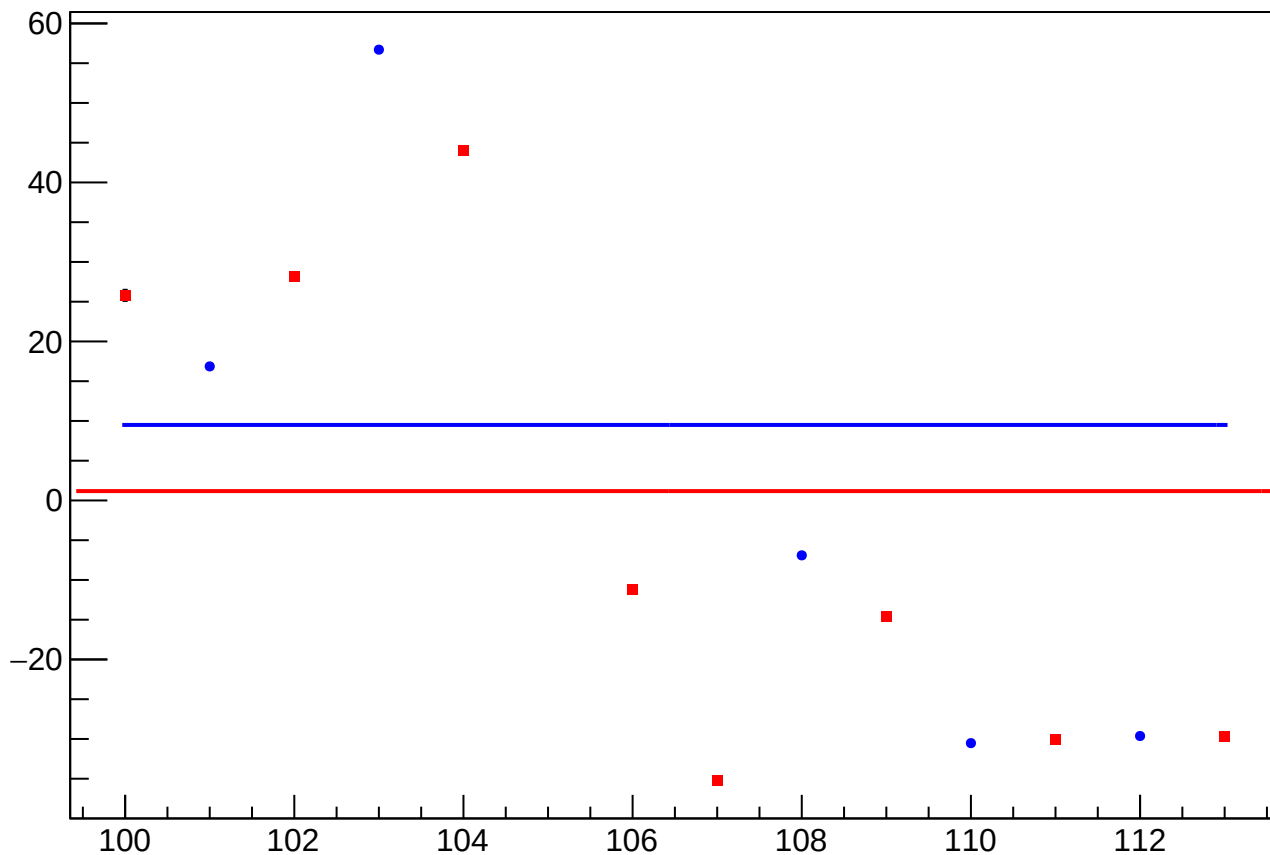
Right: -0.496+/-1.004 χ^2/NDF : 26.8/12

In: 1.324+/-1.608 χ^2/NDF : 14.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.496+/-1.004 χ^2/NDF : 26.8/12

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: 1.178+/-0.060 χ^2/NDF : 256998.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

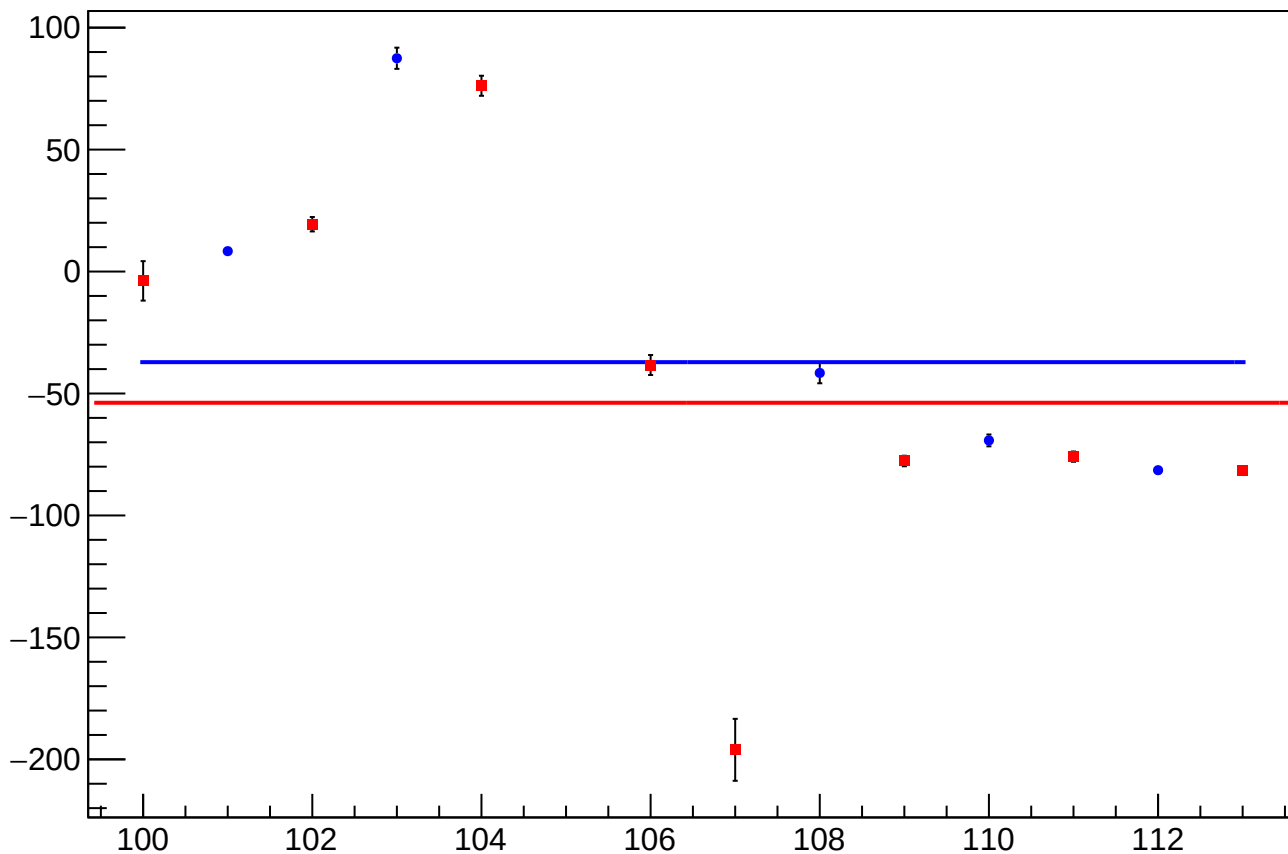
Right: 4.790+/-0.045 χ^2/NDF : 501950.0/12

In: 9.500+/-0.069 χ^2/NDF : 236643.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.790+/-0.045 χ^2/NDF : 501950.0/12

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: -53.796+/-1.033 χ^2/NDF : 2210.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

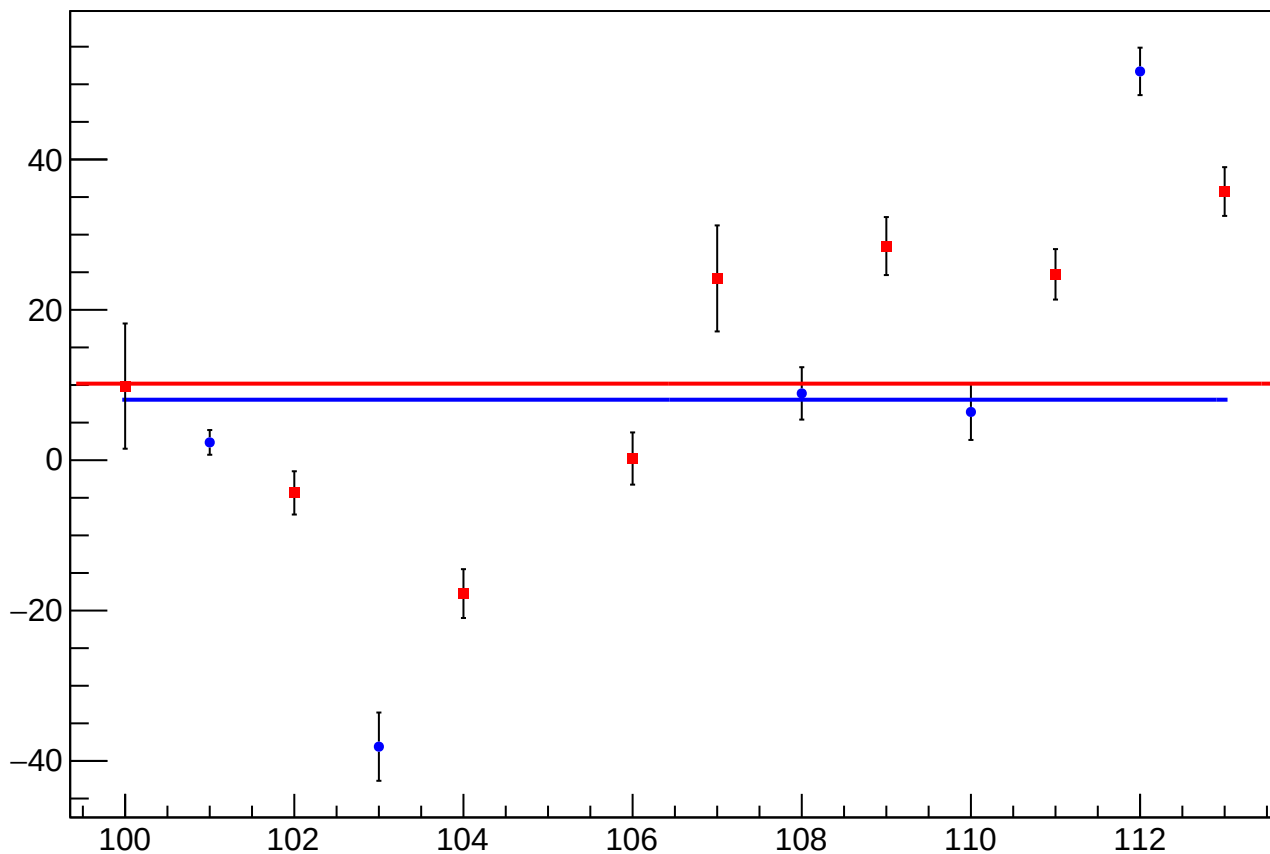
Right: -46.119+/-0.758 χ^2/NDF : 4383.7/12

In: -37.149+/-1.117 χ^2/NDF : 2053.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -46.119+/-0.758 χ^2/NDF : 4383.7/12

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: 10.182+/-1.309 χ^2/NDF : 214.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

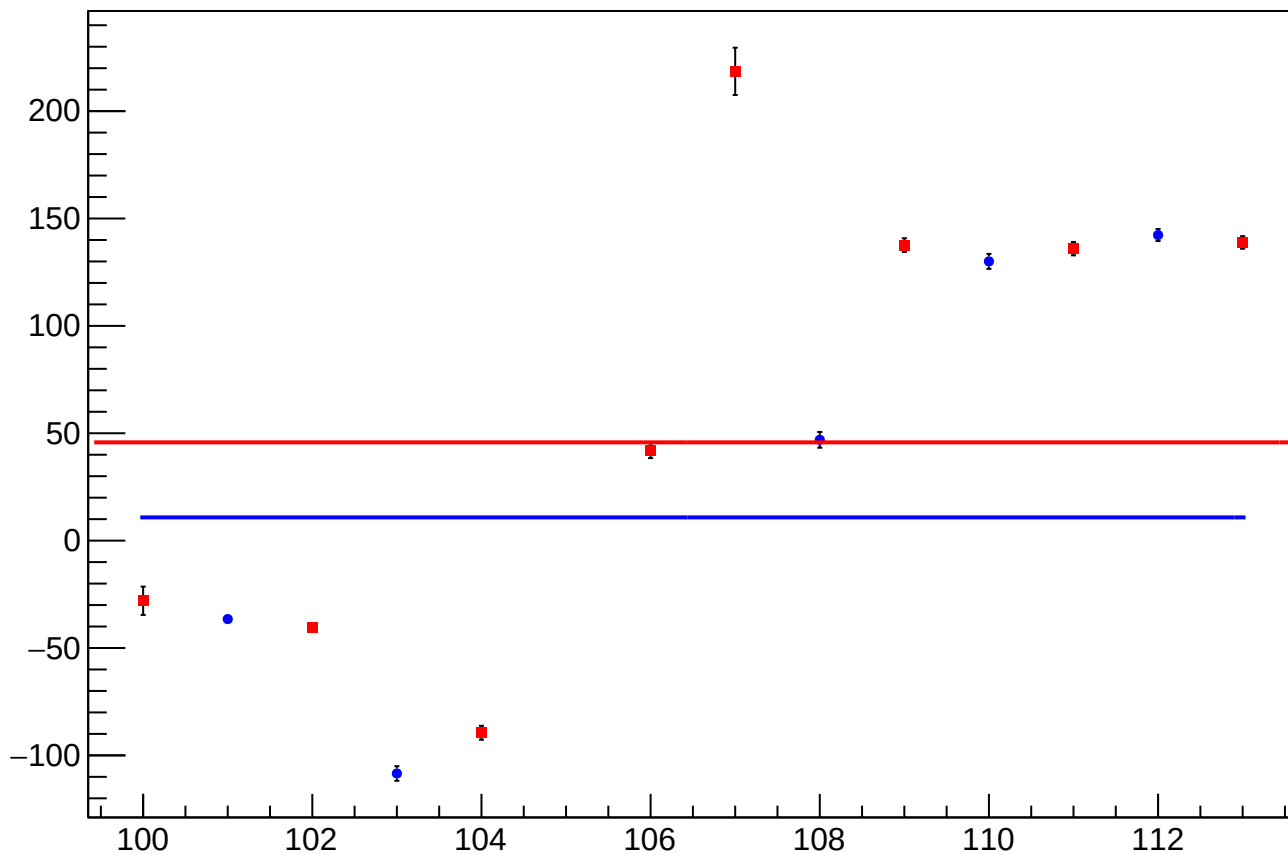
Right: 9.038+/-0.892 χ^2/NDF : 523.4/12

In: 8.046+/-1.219 χ^2/NDF : 307.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.038+/-0.892 χ^2/NDF : 523.4/12

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: 45.764+/-1.178 χ^2/NDF : 6207.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

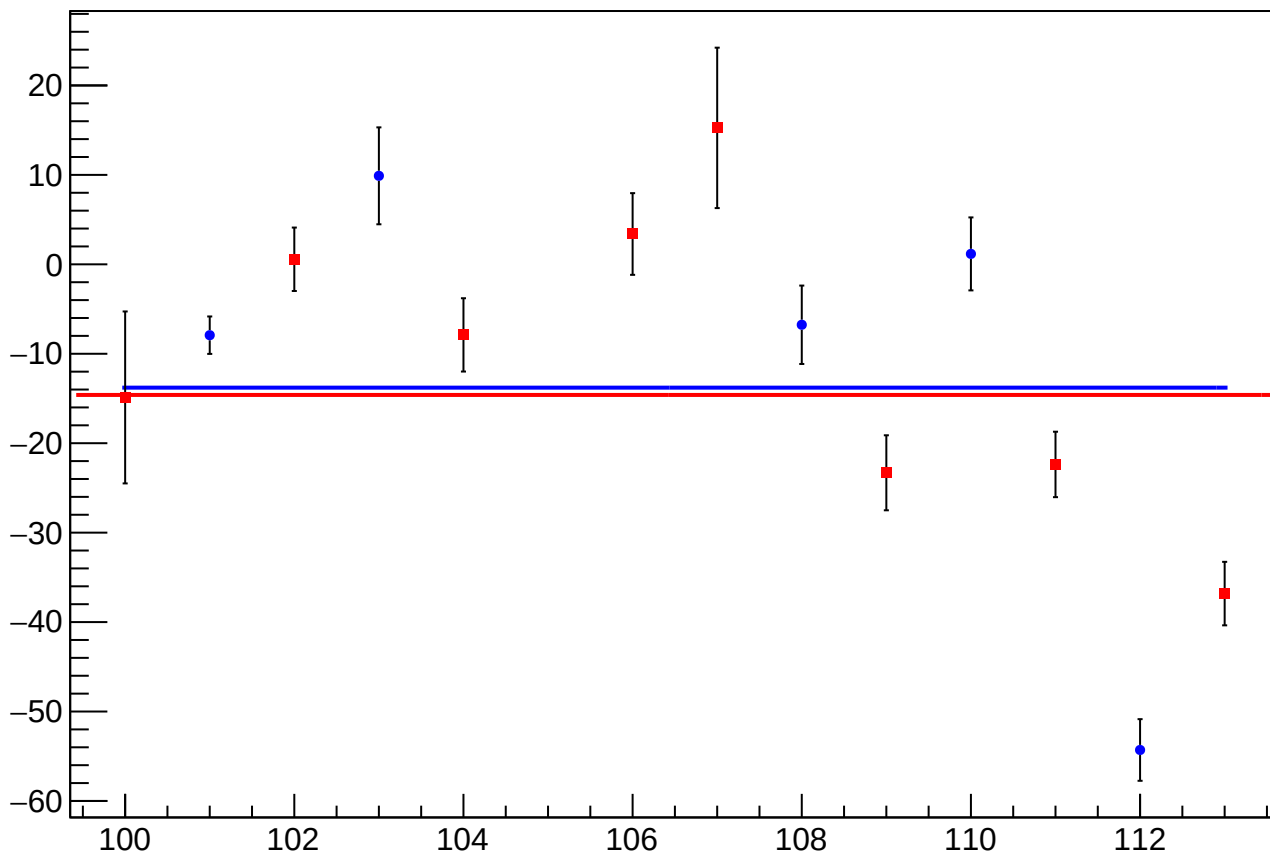
Right: 27.627+/-0.817 χ^2/NDF : 12289.9/12

In: 10.815+/-1.135 χ^2/NDF : 5626.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.627+/-0.817 χ^2/NDF : 12289.9/12

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: -14.604 $\pm$ 1.541 χ^2 /NDF: 95.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

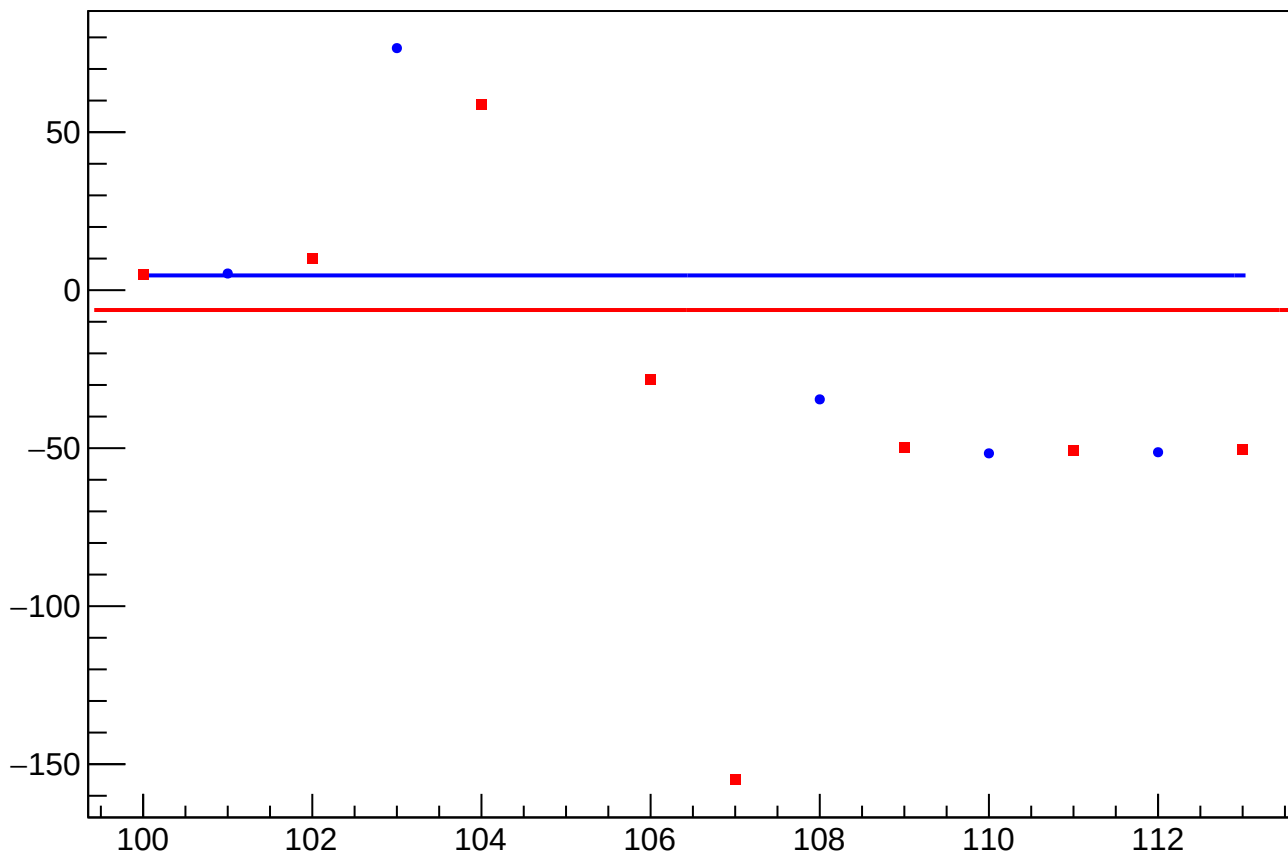
Right: -14.178 $\pm$ 1.066 χ^2 /NDF: 276.8/12

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: -14.178 $\pm$ 1.066 χ^2 /NDF: 276.8/12

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: -6.278+/-0.064 χ^2/NDF : 441823.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

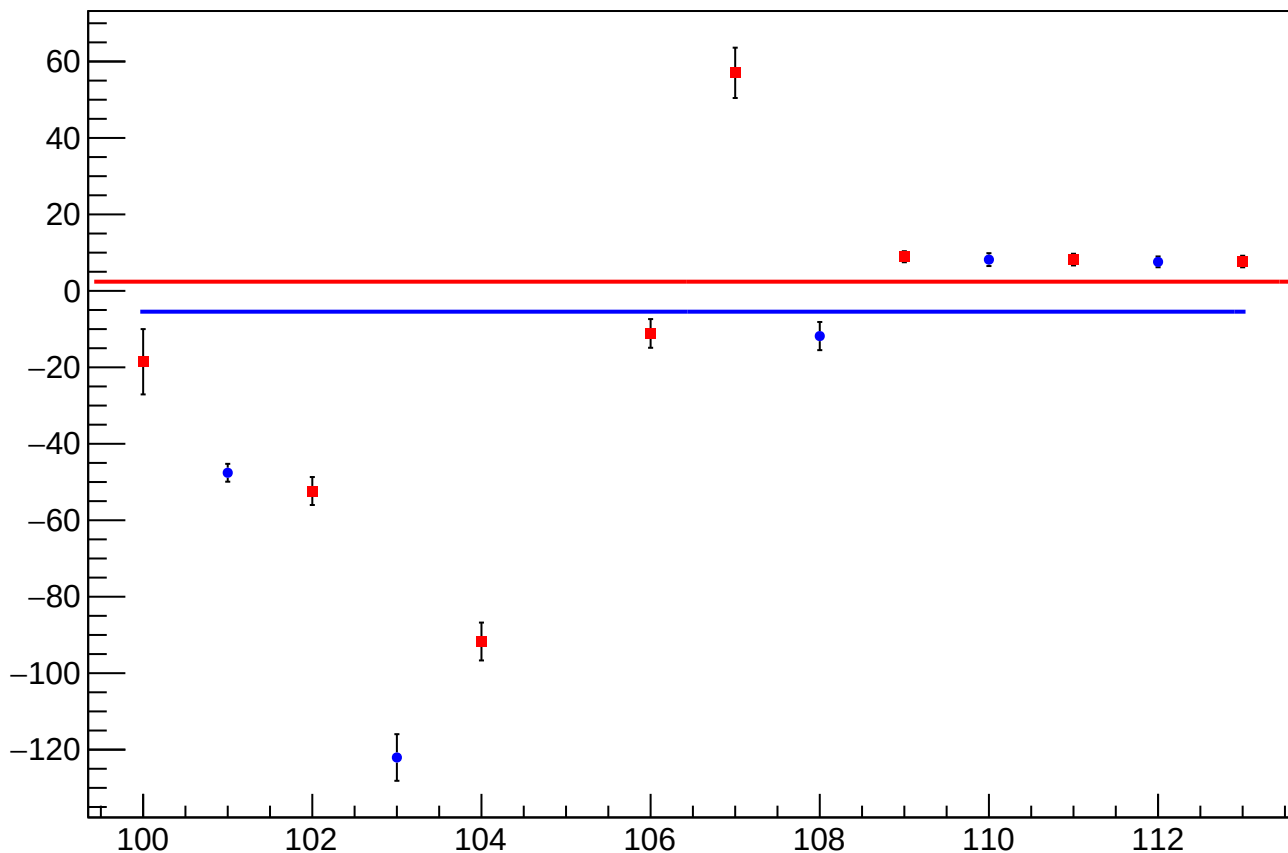
Right: -0.876+/-0.045 χ^2/NDF : 884057.1/12

In: 4.667+/-0.064 χ^2/NDF : 427572.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.876+/-0.045 χ^2/NDF : 884057.1/12

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: 2.405+/-0.798 χ^2/NDF : 720.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

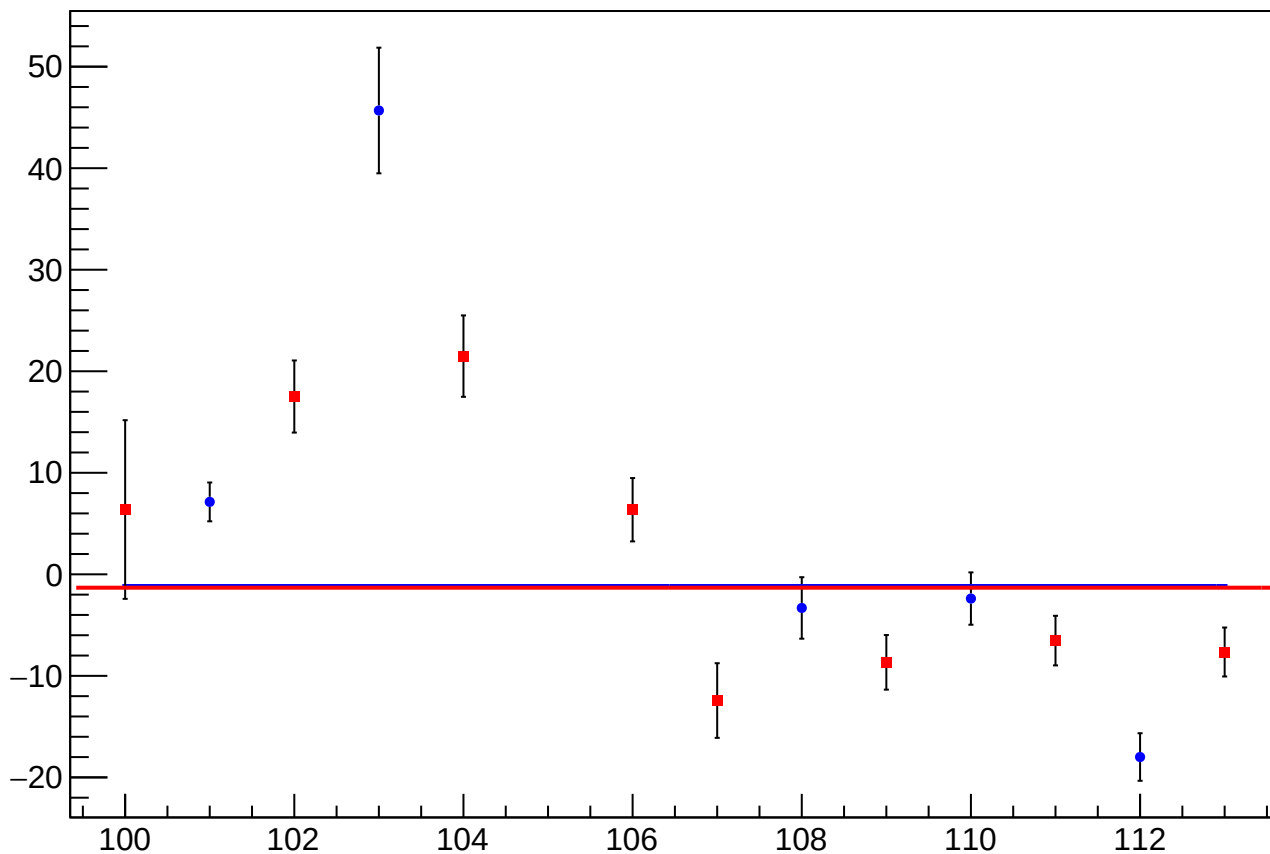
Right: -0.893+/-0.608 χ^2/NDF : 1605.6/12

In: -5.442+/-0.937 χ^2/NDF :845.0/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.893+/-0.608 χ^2/NDF : 1605.6/12

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: -1.318+/-1.112 χ^2/NDF : 95.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

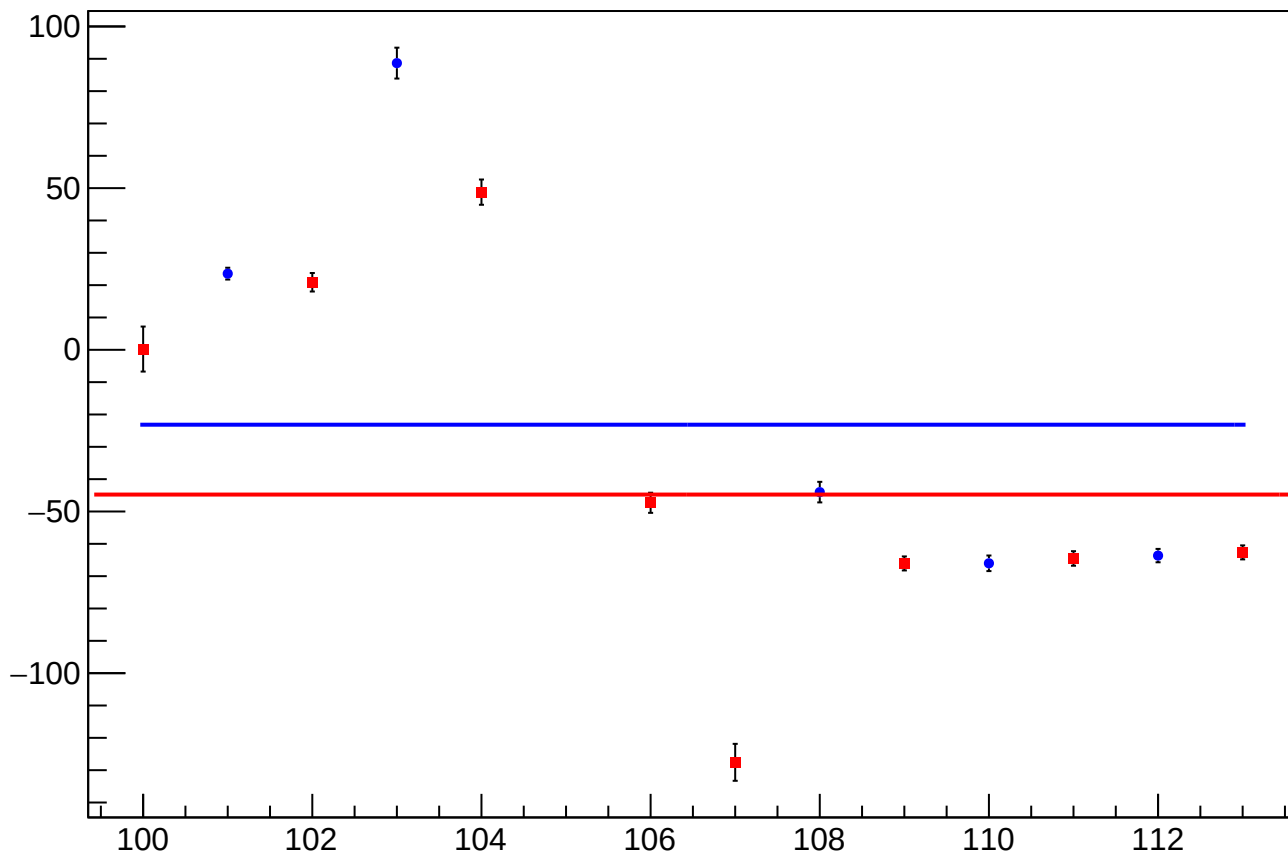
Right: -1.238+/-0.803 χ^2/NDF : 223.9/12

In: -1.151+/-1.161 χ^2/NDF :128.5/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.238+/-0.803 χ^2/NDF : 223.9/12

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: -44.764+/-1.017 χ^2/NDF : 1593.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

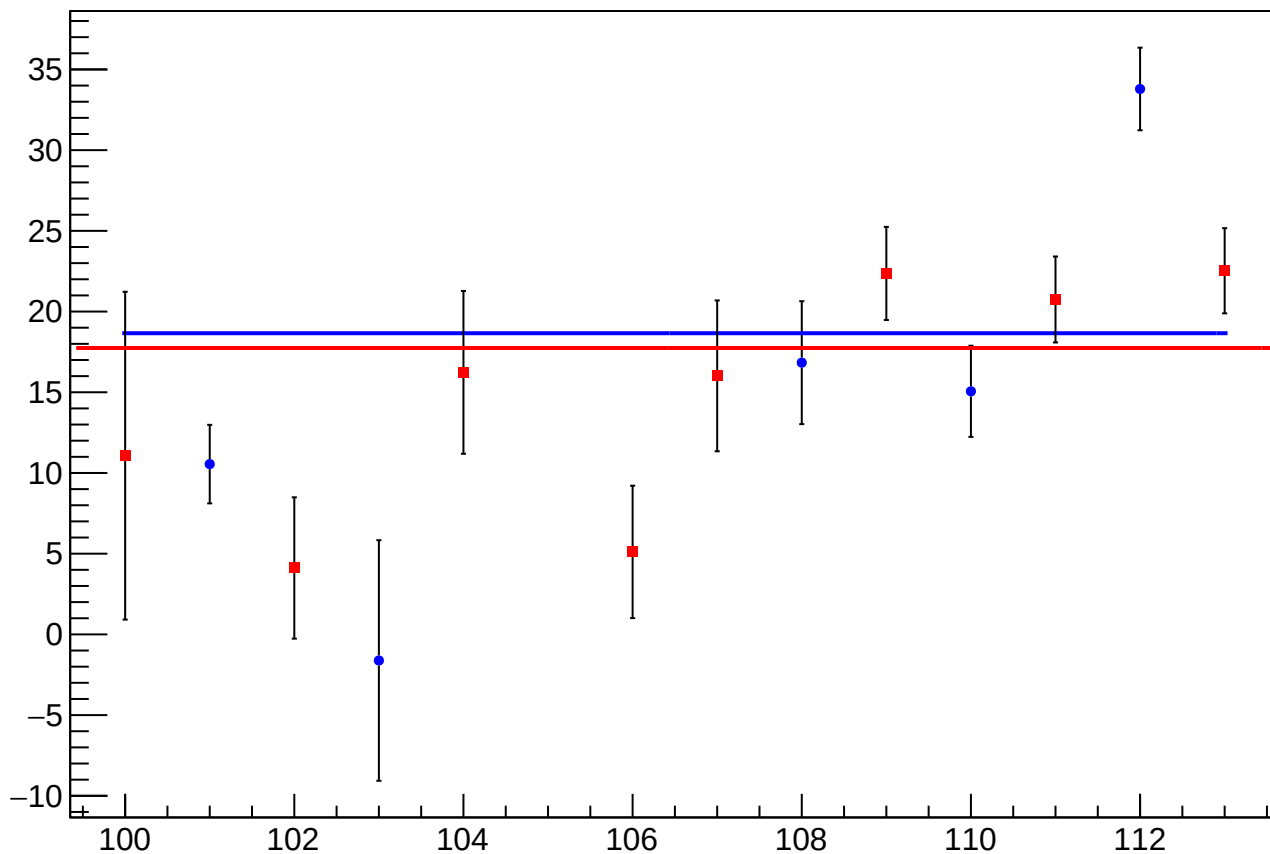
Right: -34.668+/-0.742 χ^2/NDF : 3748.4/12

In: -23.159+/-1.086 χ^2/NDF : 1943.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.668+/-0.742 χ^2/NDF : 3748.4/12

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: 17.744+/-1.279 χ^2/NDF : 27.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

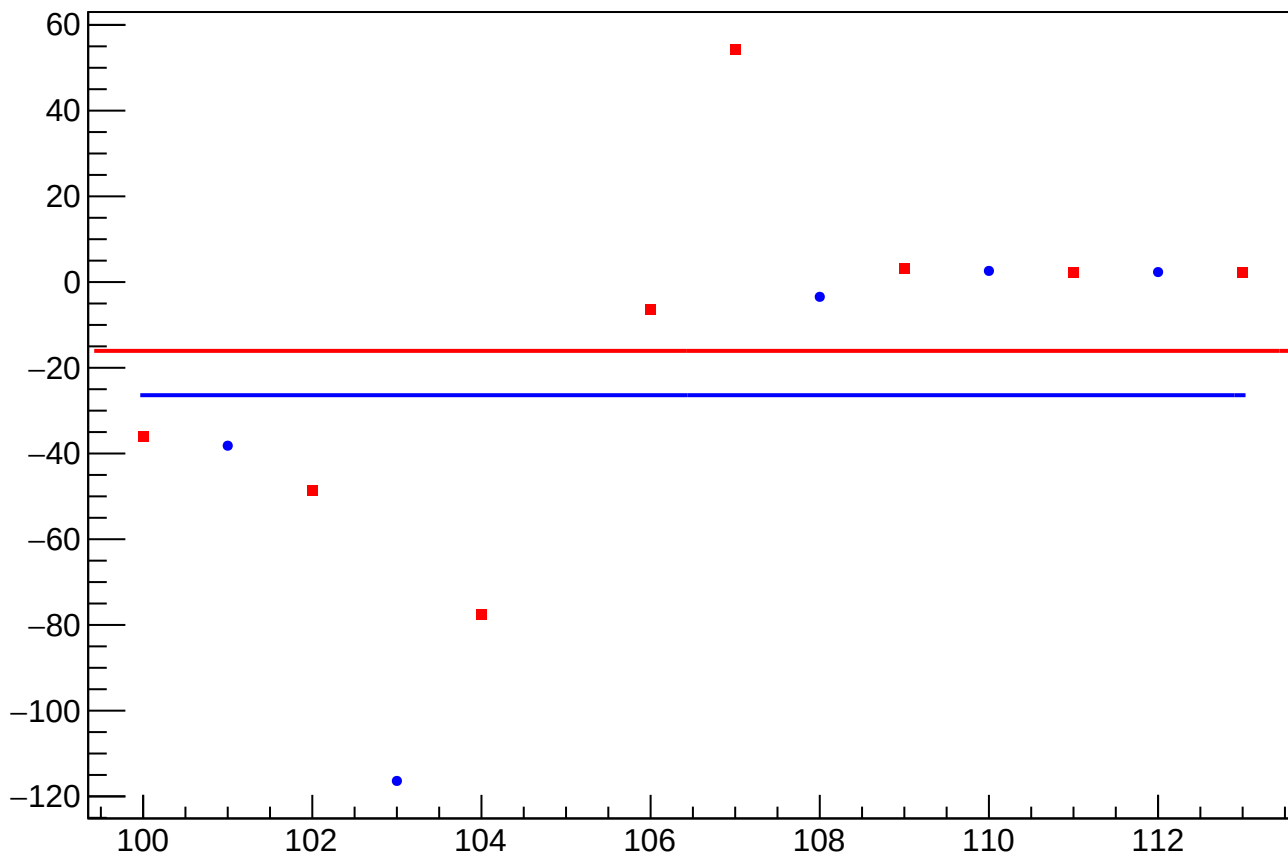
Right: 18.171+/-0.934 χ^2/NDF : 82.5/12

In: 18.658+/-1.368 χ^2/NDF : 55.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.171+/-0.934 χ^2/NDF : 82.5/12

reg_asym_usl_atl1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -26.396+/-0.066 χ^2/NDF : 292614.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.051+/-0.061 χ^2/NDF : 306335.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

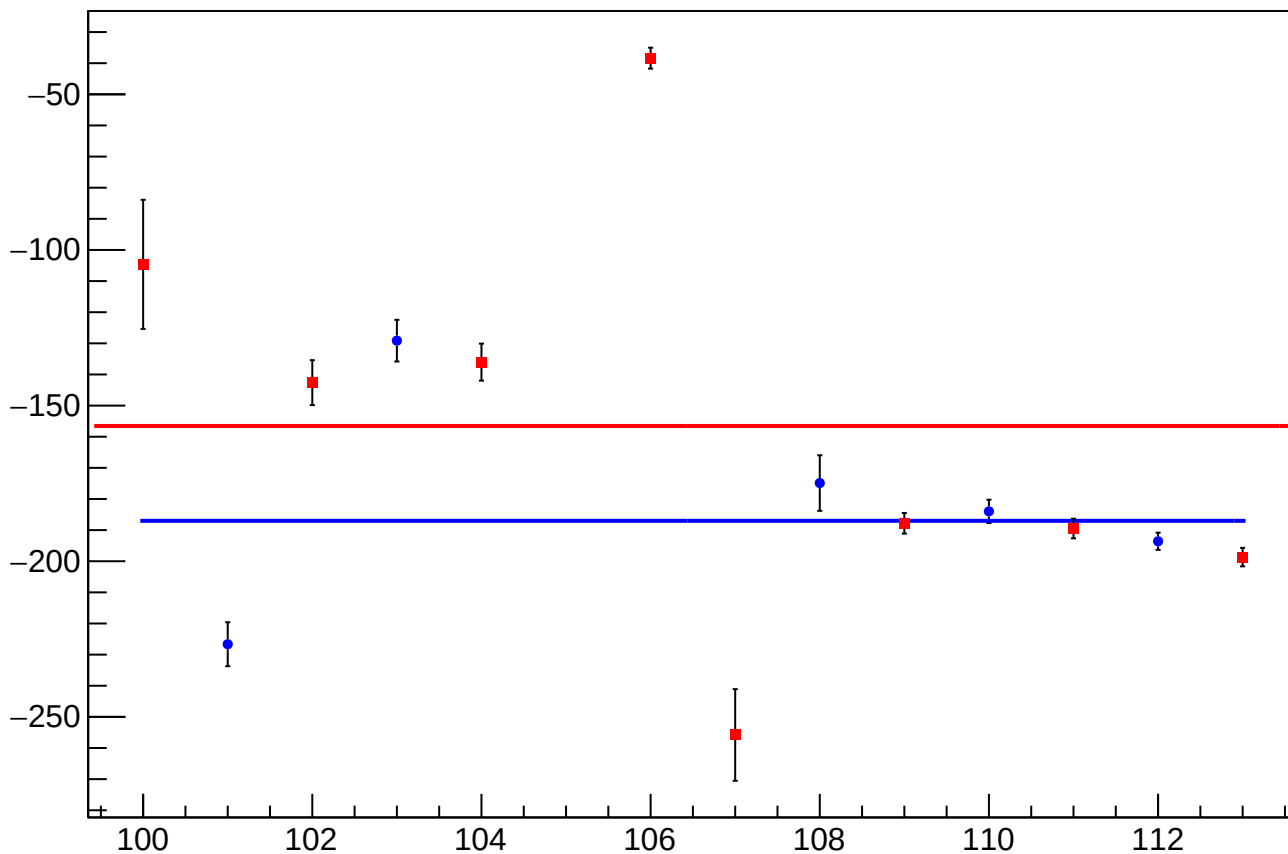
Right: -20.797+/-0.045 χ^2/NDF : 612349.9/12

In: -26.396+/-0.066 χ^2/NDF : 292614.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.797+/-0.045 χ^2/NDF : 612349.9/12

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: -156.547+/-1.493 χ^2/NDF : 1701.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

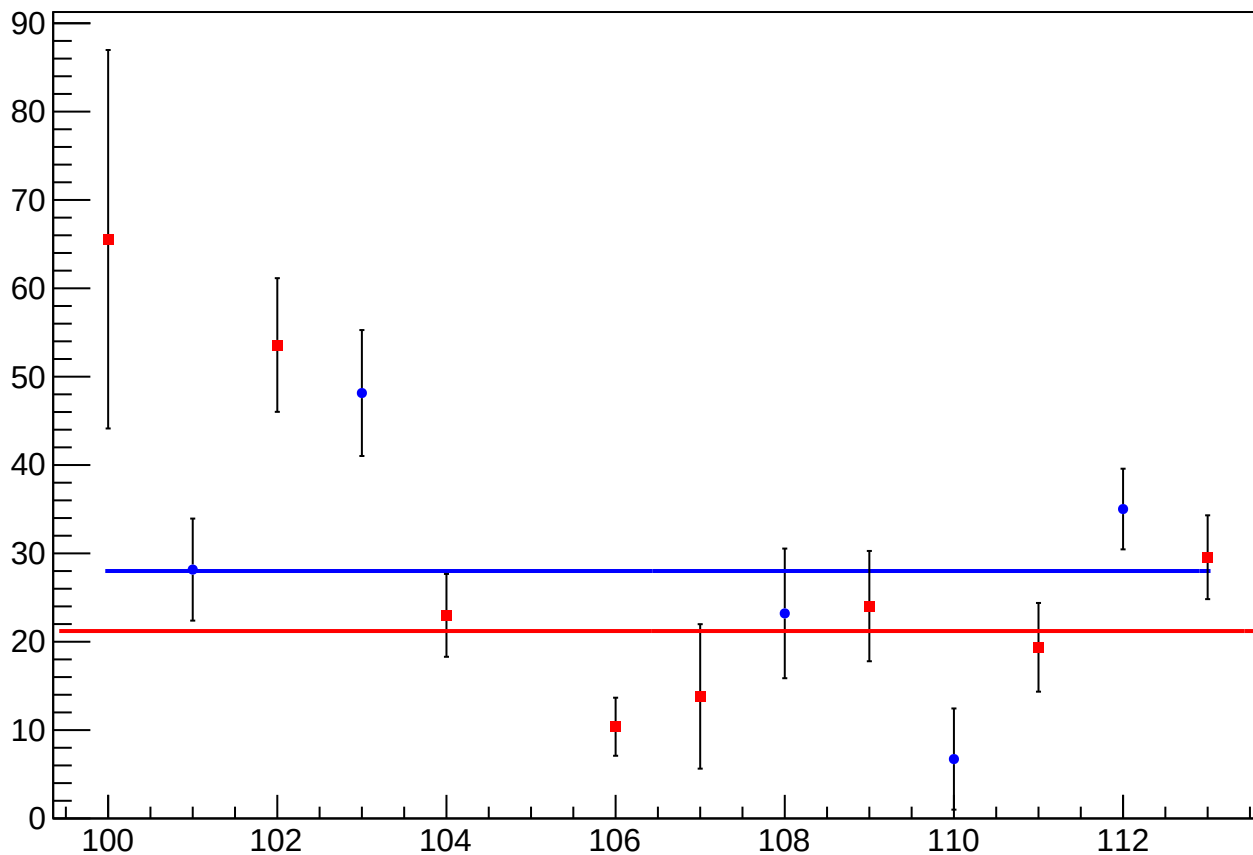
Right: -167.673+/-1.190 χ^2/NDF : 1967.6/12

In: -187.019+/-1.969 χ^2/NDF : 114.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -167.673+/-1.190 χ^2/NDF : 1967.6/12

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: 21.212 $\pm$ 1.881 χ^2 /NDF: 37.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

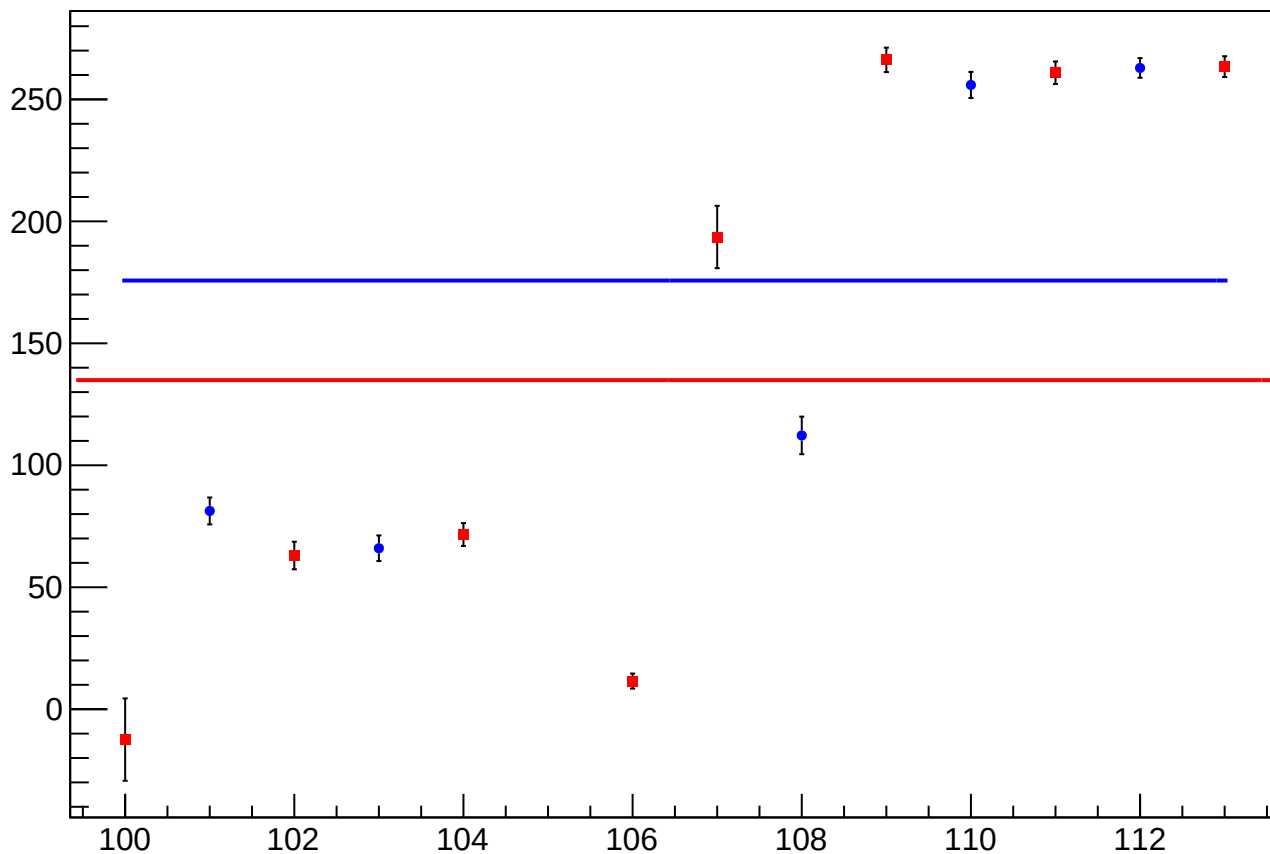
Right: 23.534 $\pm$ 1.526 χ^2 /NDF: 66.9/12

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: 23.534 $\pm$ 1.526 χ^2 /NDF: 66.9/12

reg_asym_usl_atl2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 175.738+/-2.345 χ^2/NDF : 1485.2/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.916+/-1.732 χ^2/NDF : 4379.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

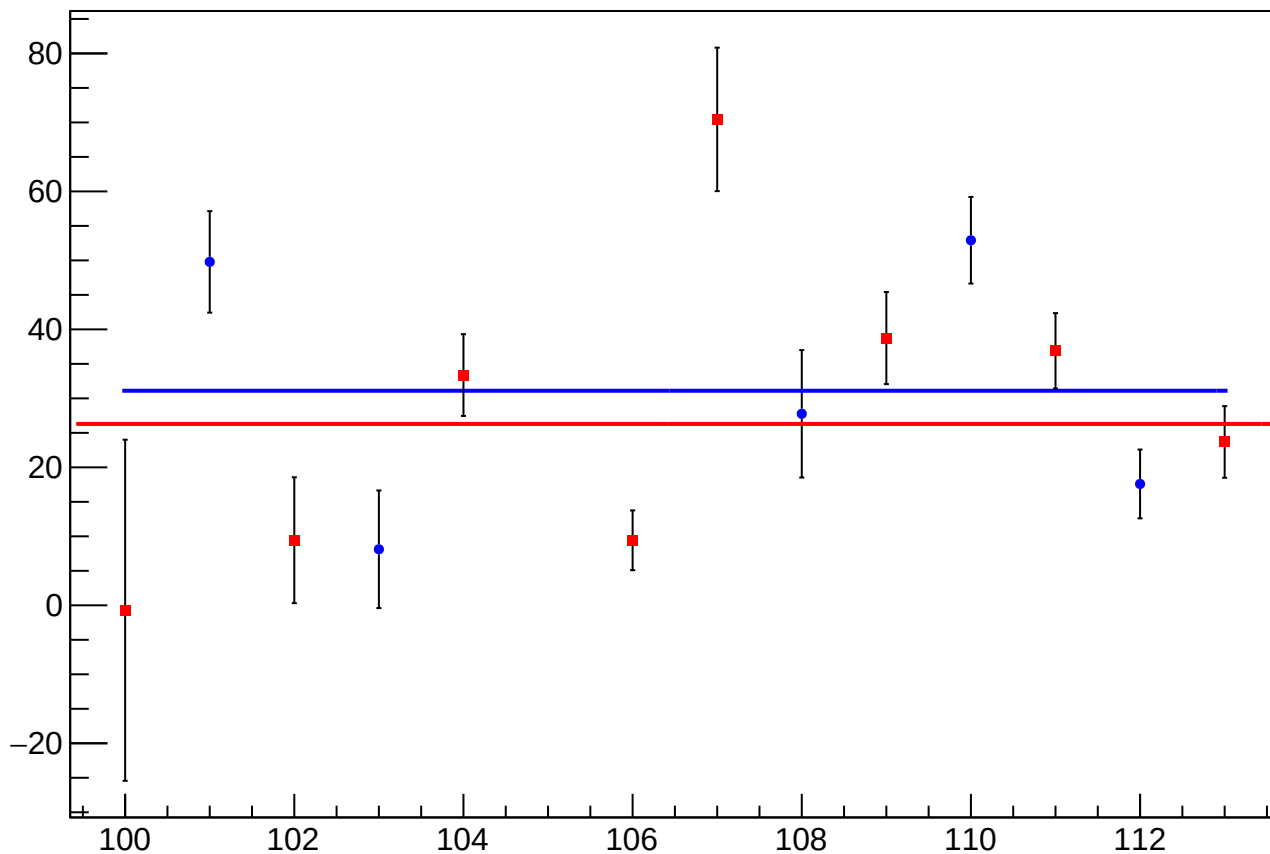
Right: 149.331+/-1.393 χ^2/NDF : 6061.1/12

In: 175.738+/-2.345 χ^2/NDF : 1485.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.331+/-1.393 χ^2/NDF : 6061.1/12

reg_asym_usl_atl2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 31.105 $\pm$ 3.021 χ^2 /NDF: 33.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 26.295 $\pm$ 2.250 χ^2 /NDF: 46.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

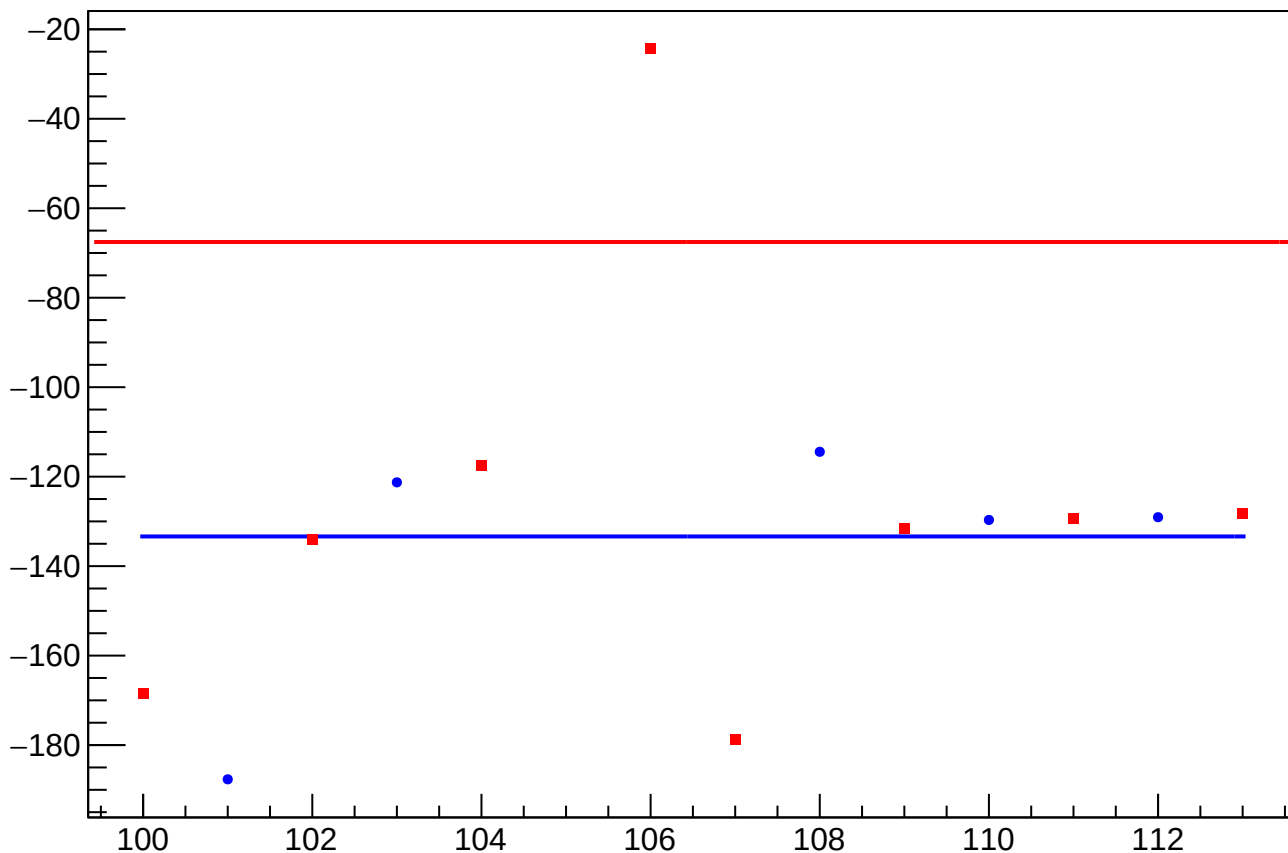
Right: 28.011 $\pm$ 1.804 χ^2 /NDF: 81.6/12

In: 31.105 $\pm$ 3.021 χ^2 /NDF:33.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 28.011 $\pm$ 1.804 χ^2 /NDF: 81.6/12

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: -67.543+/-0.079 χ^2/NDF : 456937.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

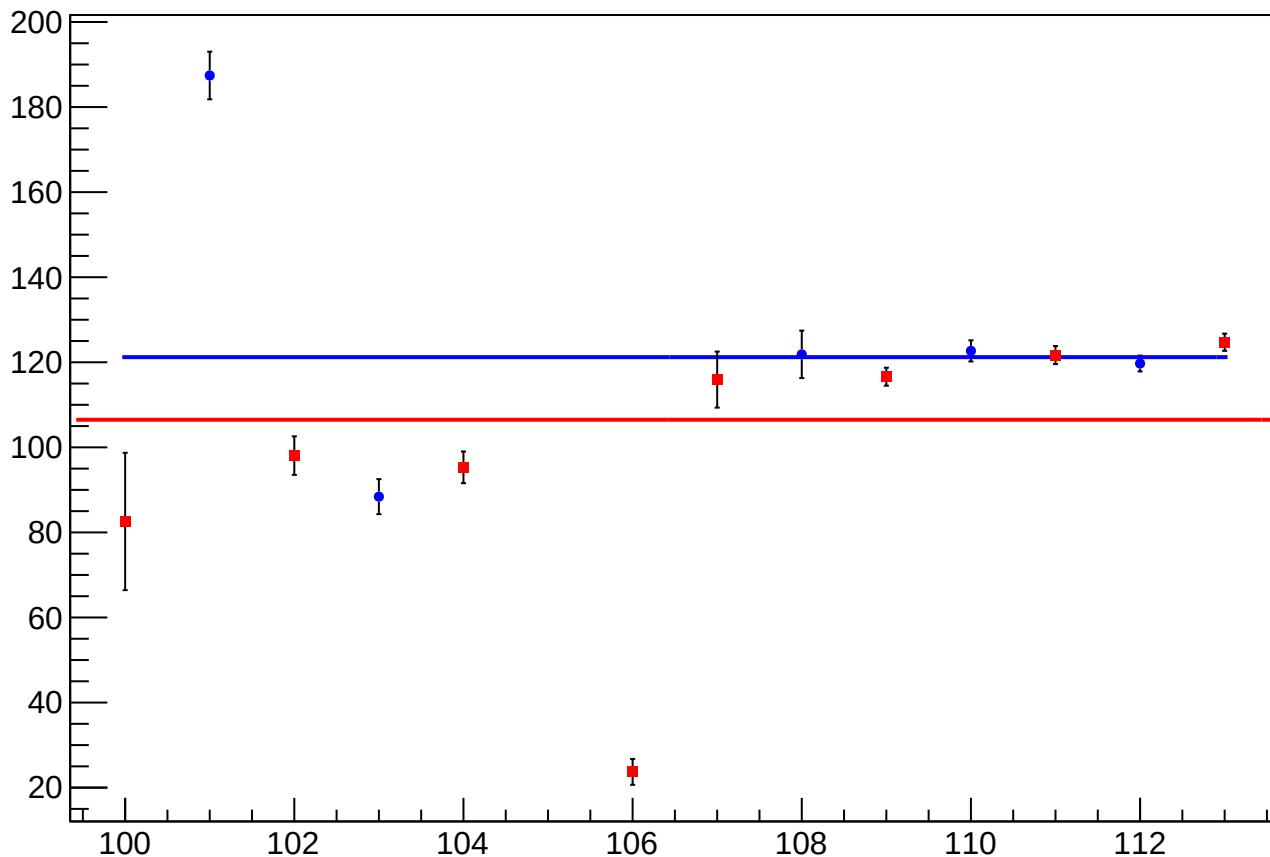
Right: -84.189+/-0.068 χ^2/NDF : 668000.2/12

In: -133.363+/-0.135 χ^2/NDF : 33900.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -84.189+/-0.068 χ^2/NDF : 668000.2/12

reg_asym_usl_atl2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 121.207+/-1.321 χ^2/NDF : 204.3/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.492+/-1.028 χ^2/NDF : 917.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

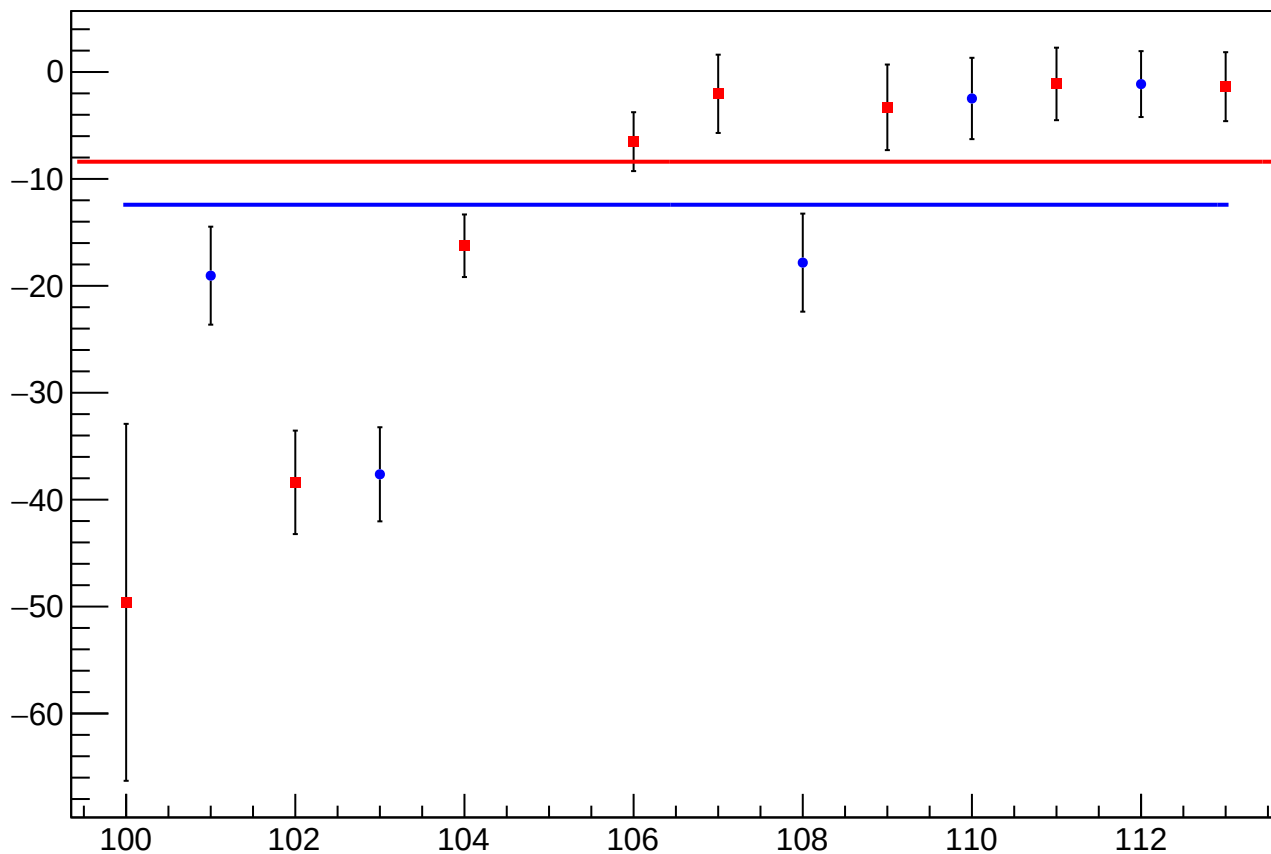
Right: 112.040+/-0.811 χ^2/NDF : 1199.2/12

In: 121.207+/-1.321 χ^2/NDF : 204.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.040+/-0.811 χ^2/NDF : 1199.2/12

reg_asym_usl_atl2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.415 ± 1.764 $\chi^2/\text{NDF}: 56.5/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -8.390 ± 1.275 $\chi^2/\text{NDF}: 66.1/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

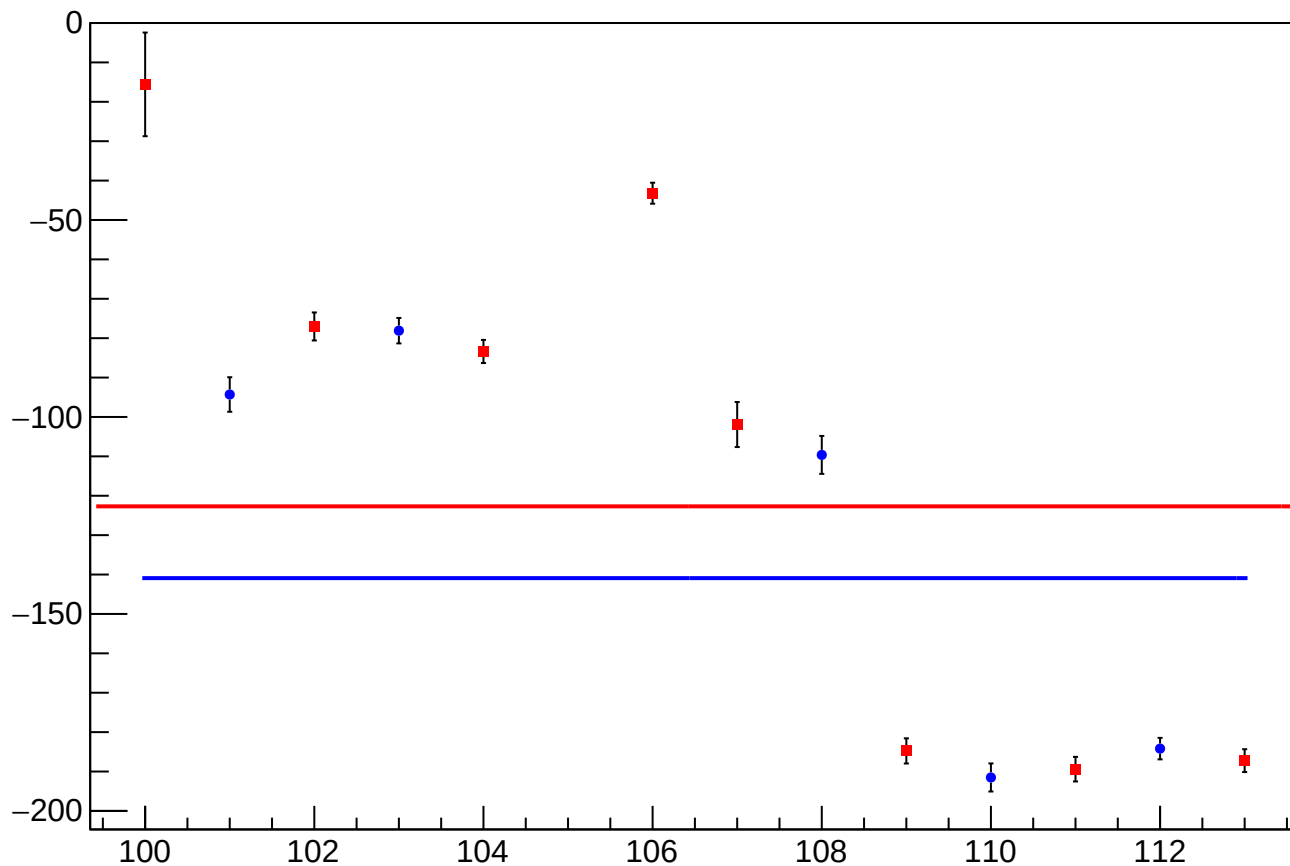
Right: -9.771 ± 1.034 $\chi^2/\text{NDF}: 126.1/12$

In: -12.415 ± 1.764 $\chi^2/\text{NDF}: 56.5/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -9.771 ± 1.034 $\chi^2/\text{NDF}: 126.1/12$

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: -122.691+/-1.202 χ^2/NDF : 2645.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

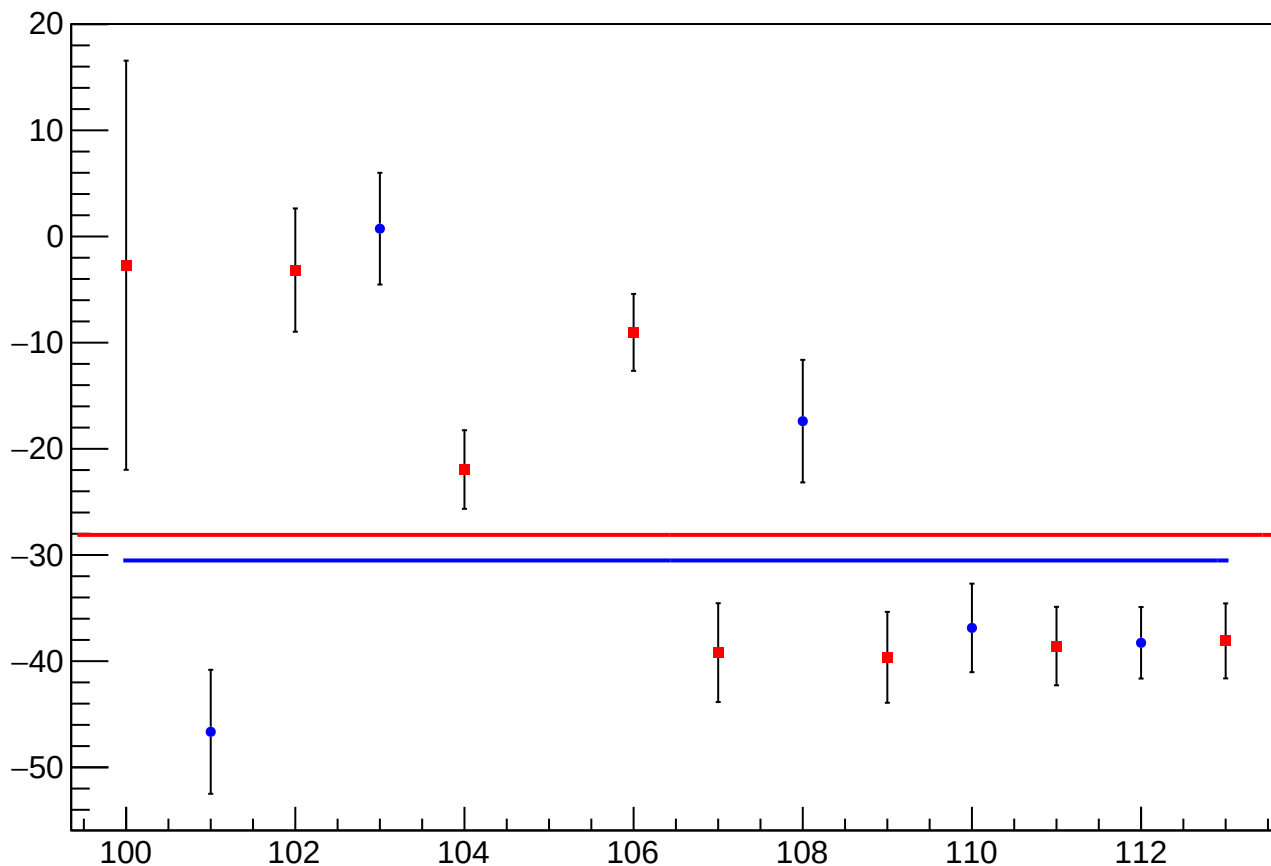
Right: -129.407+/-0.955 χ^2/NDF : 3717.3/12

In: -140.910+/-1.573 χ^2/NDF : 987.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -129.407+/-0.955 χ^2/NDF : 3717.3/12

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: -28.104 ± 1.515 $\chi^2/\text{NDF}: 79.6/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

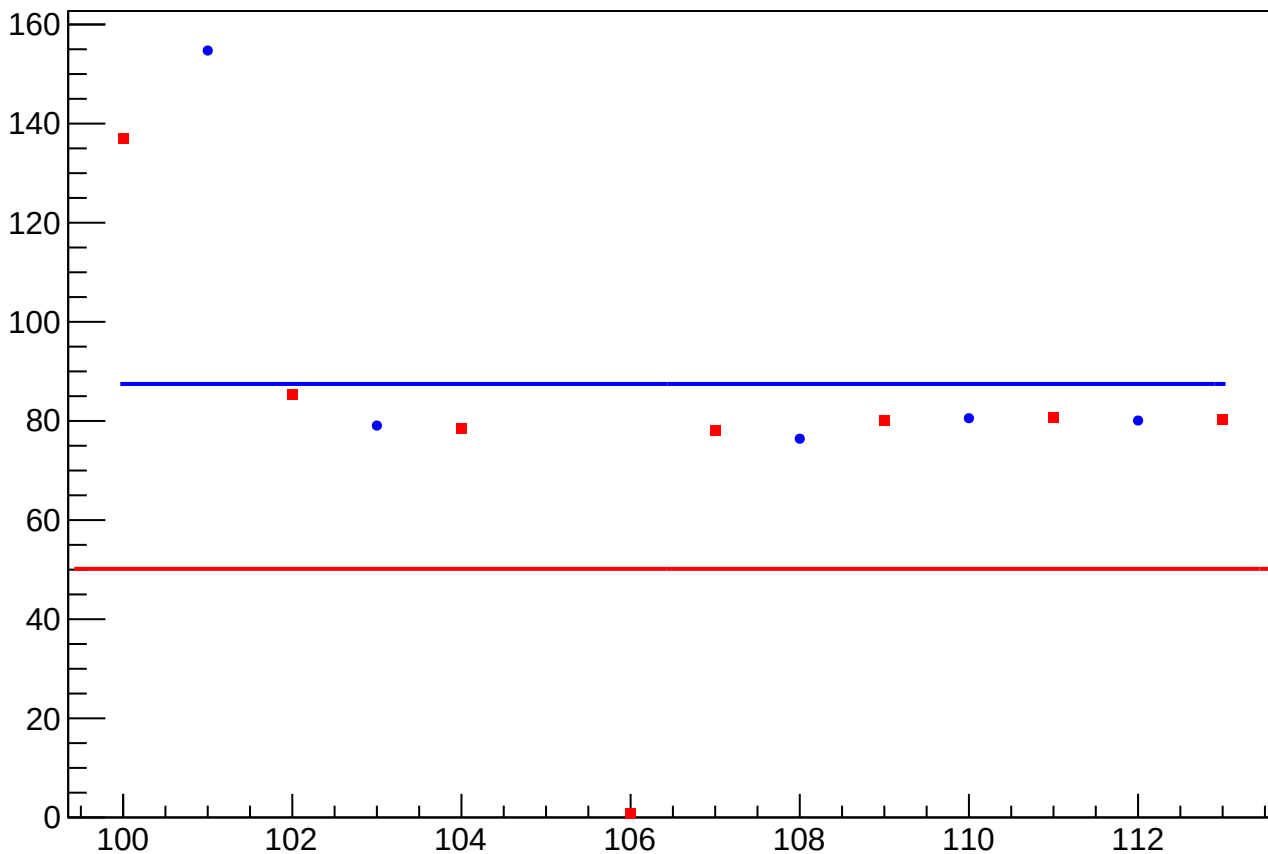
Right: -28.963 ± 1.216 $\chi^2/\text{NDF}: 136.2/12$

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: -28.963 ± 1.216 $\chi^2/\text{NDF}: 136.2/12$

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: 50.164+/-0.060 χ^2/NDF : 436256.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

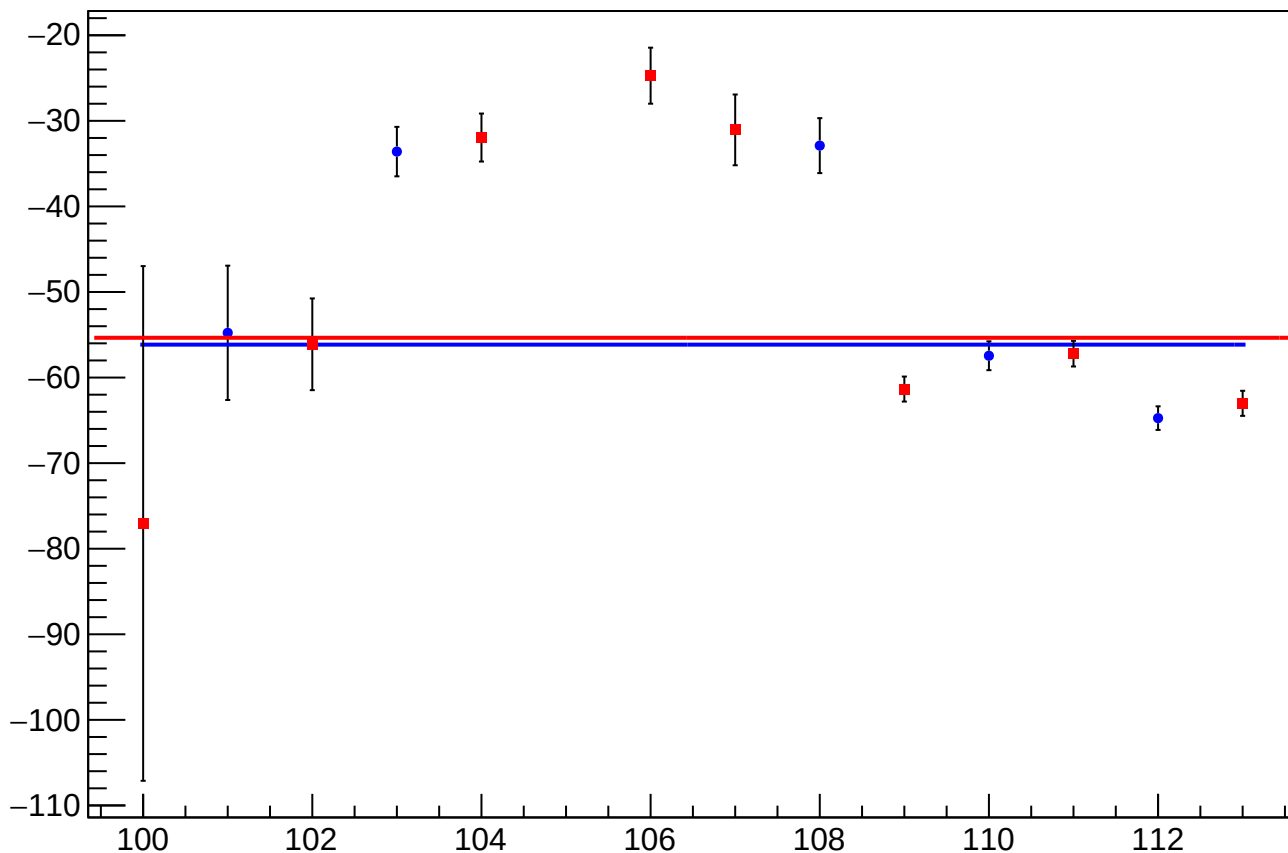
Right: 61.968+/-0.050 χ^2/NDF : 632677.8/12

In: 87.469+/-0.088 χ^2/NDF : 74679.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.968+/-0.050 χ^2/NDF : 632677.8/12

reg_asym_usr_atr1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -56.151+/-0.948 χ^2/NDF : 152.8/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -55.350+/-0.768 χ^2/NDF : 237.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

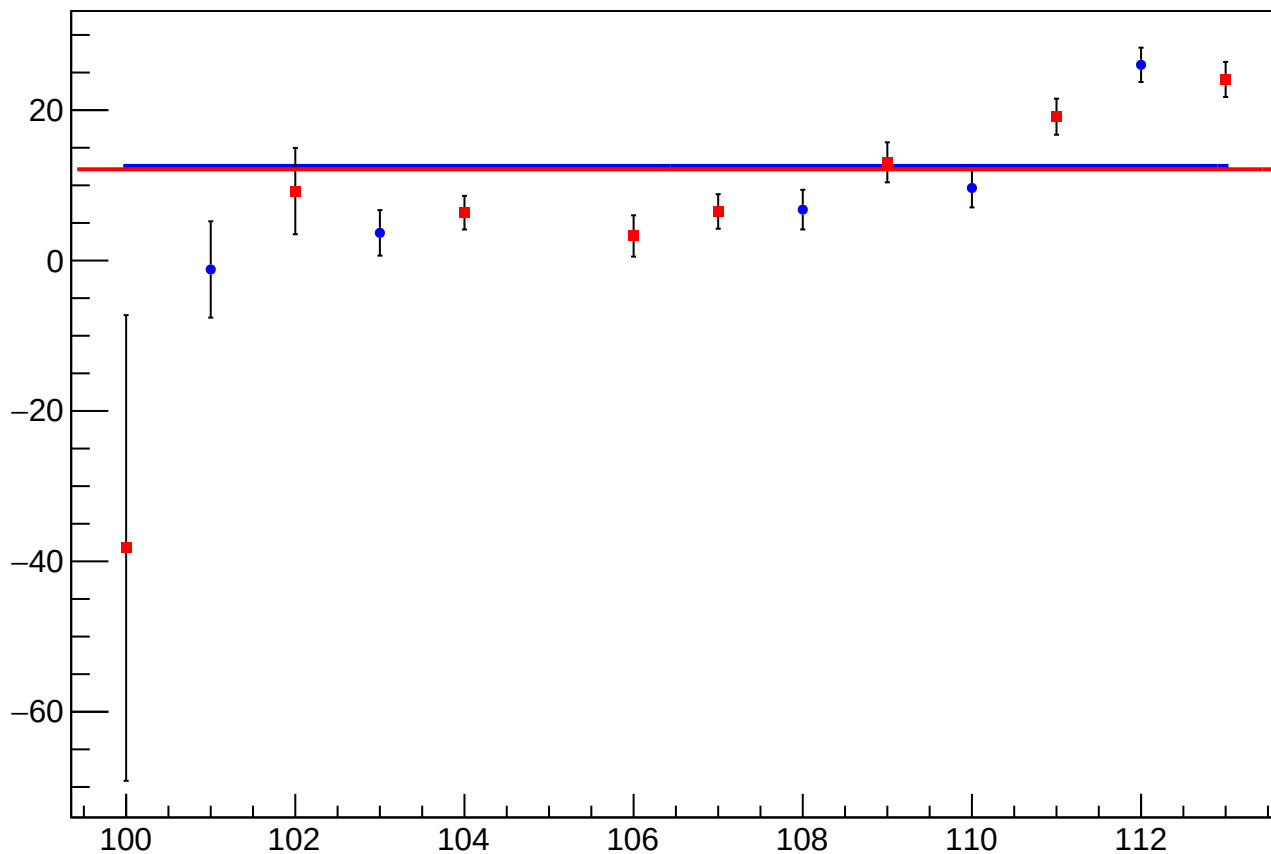
Right: -55.667+/-0.597 χ^2/NDF : 391.2/12

In: -56.151+/-0.948 χ^2/NDF : 152.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.667+/-0.597 χ^2/NDF : 391.2/12

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: 12.136+/-0.974 χ^2/NDF : 60.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

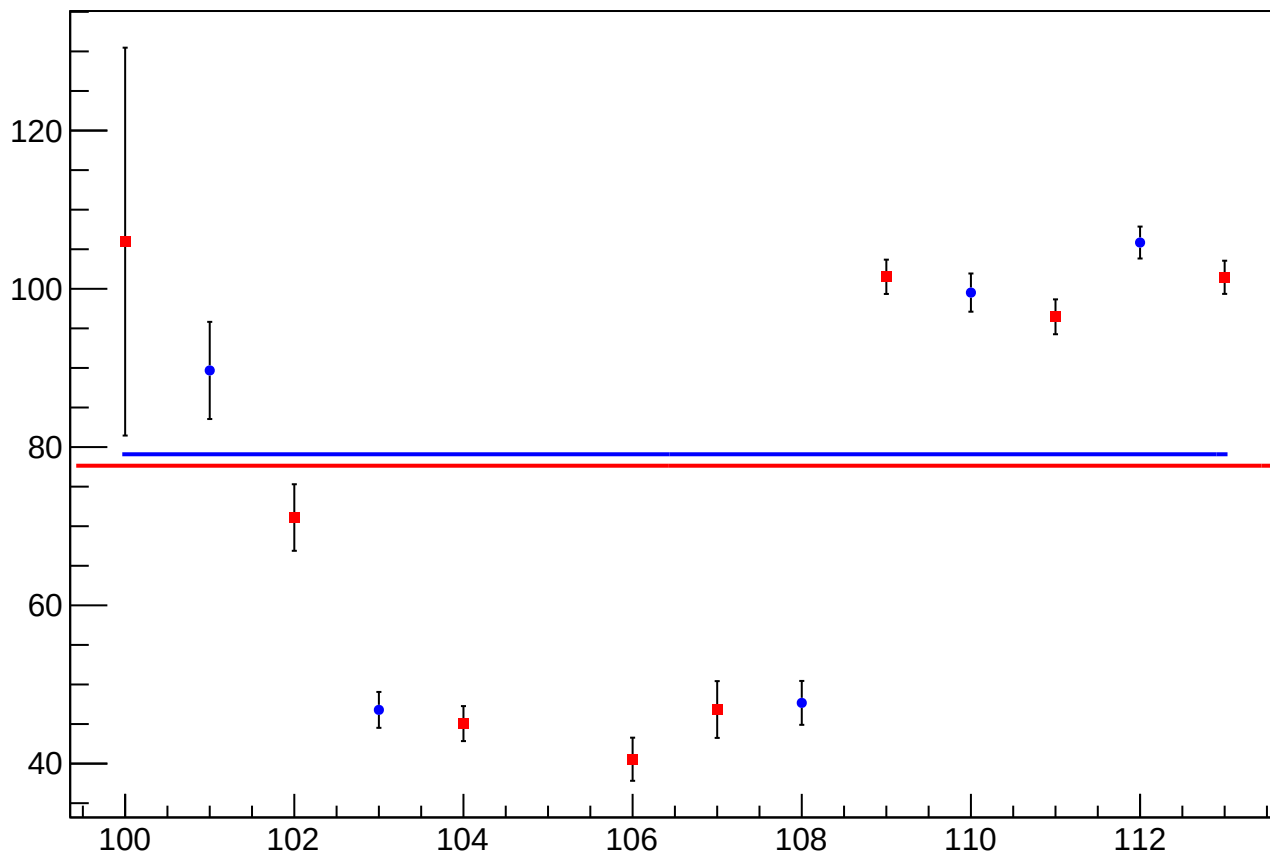
Right: 12.301+/-0.773 χ^2/NDF : 115.0/12

In: 12.582+/-1.271 χ^2/NDF : 54.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.301+/-0.773 χ^2/NDF : 115.0/12

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: 77.645+/-0.944 χ^2 /NDF: 803.0/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

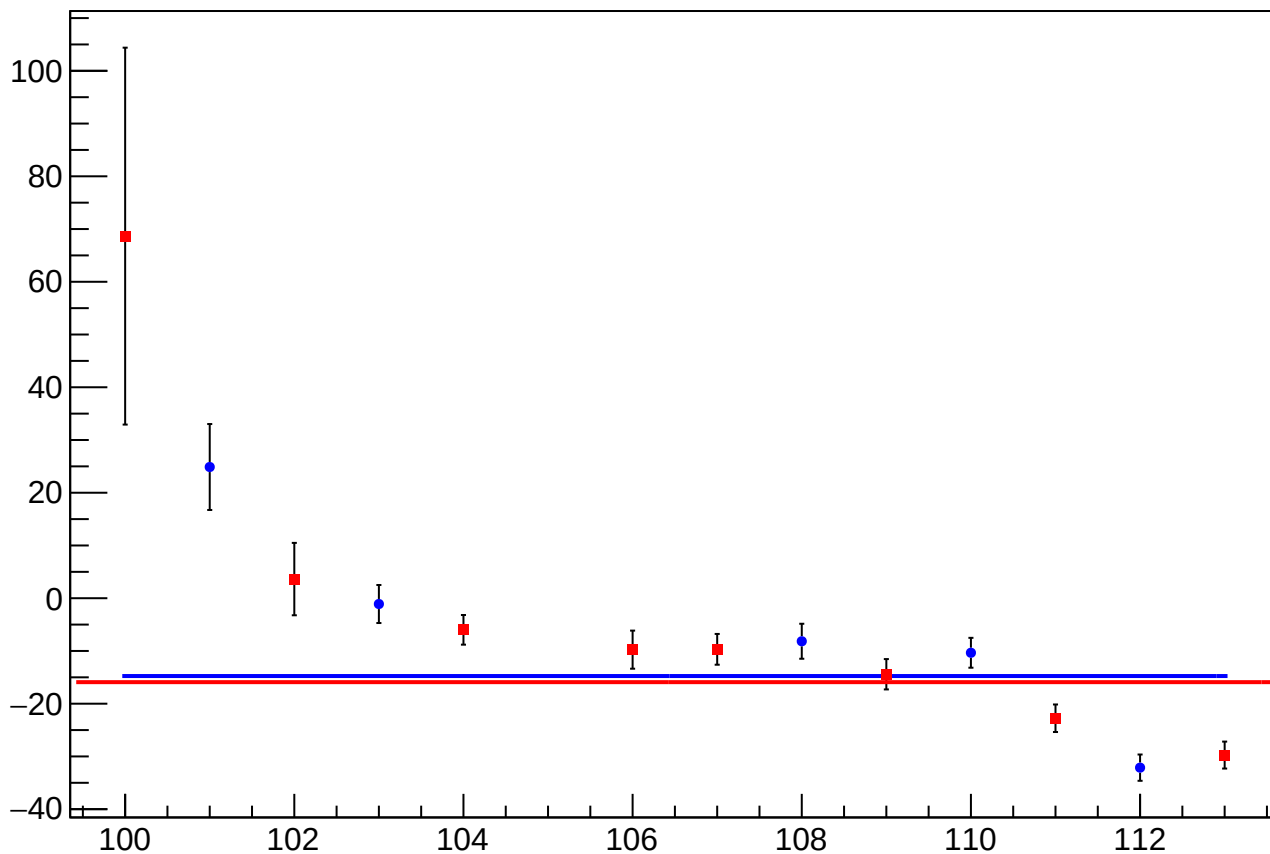
Right: 78.233+/-0.728 χ^2 /NDF: 1385.4/12

In: 79.091+/-1.141 χ^2 /NDF:581.5/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 78.233+/-0.728 χ^2 /NDF: 1385.4/12

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: -15.915+/-1.145 χ^2/NDF : 70.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

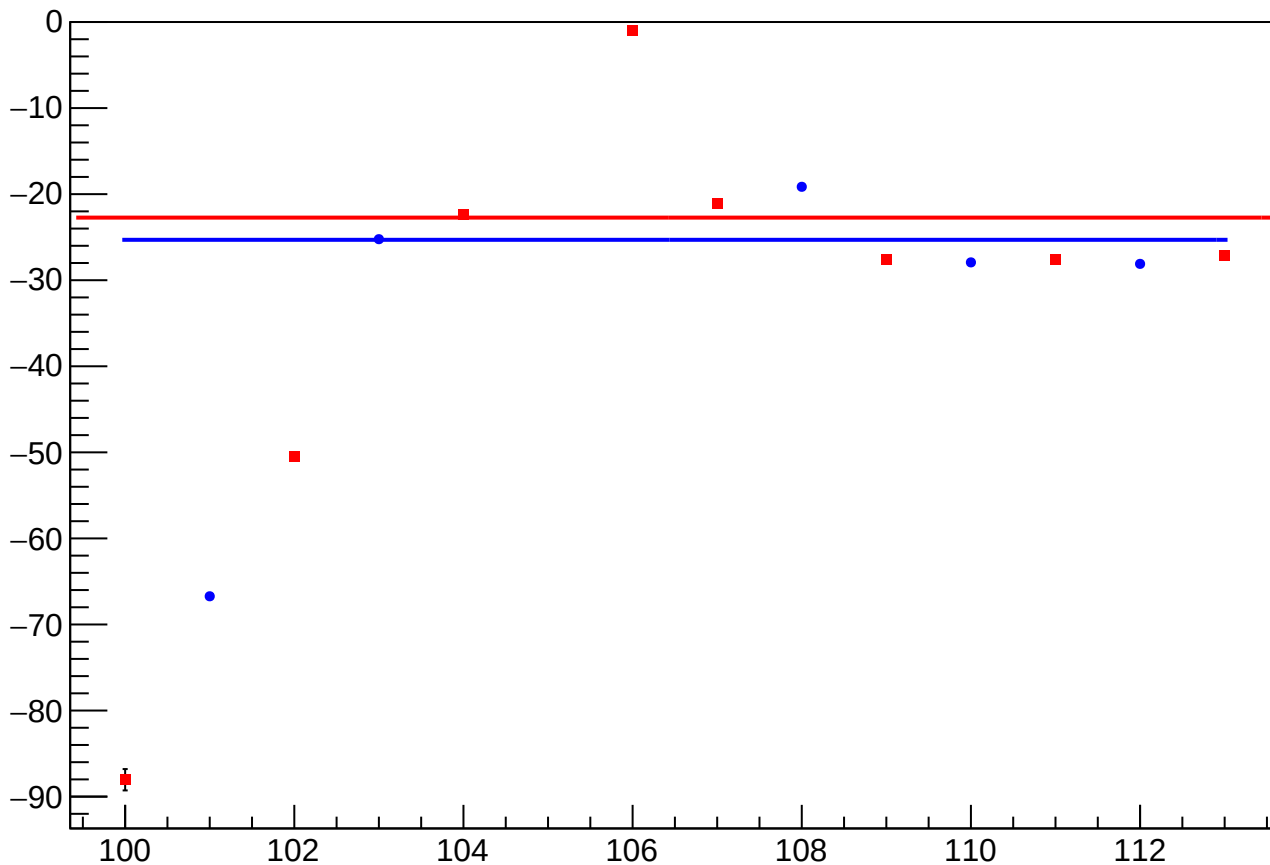
Right: -15.474+/-0.901 χ^2/NDF : 163.4/12

In: -14.755+/-1.461 χ^2/NDF : 93.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.474+/-0.901 χ^2/NDF : 163.4/12

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: -22.726+/-0.054 χ^2/NDF : 59079.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

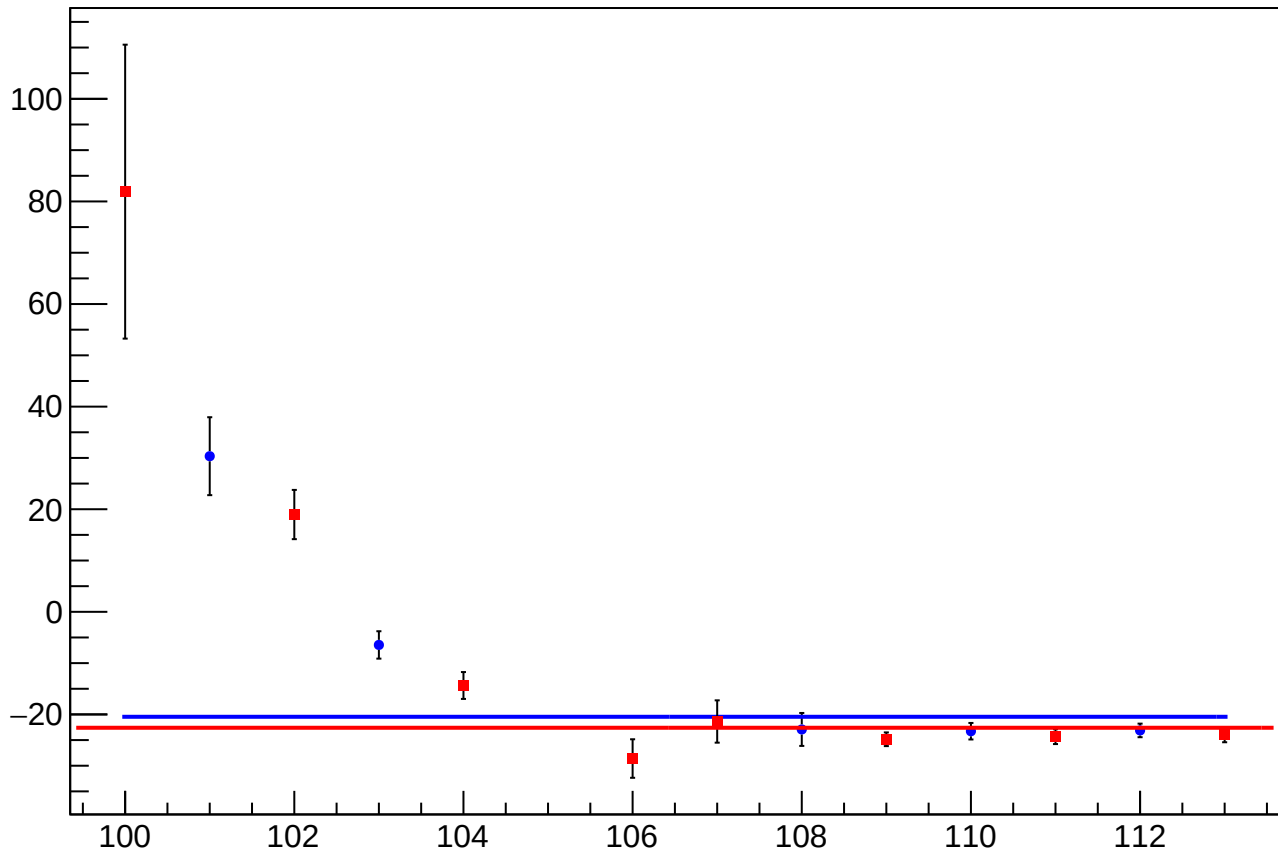
Right: -23.833+/-0.040 χ^2/NDF : 76524.5/12

In: -25.306+/-0.062 χ^2/NDF : 16447.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.833+/-0.040 χ^2/NDF : 76524.5/12

reg_asym_usr_atr1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -20.460+/-0.908 χ^2/NDF : 79.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -22.600+/-0.735 χ^2/NDF : 106.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

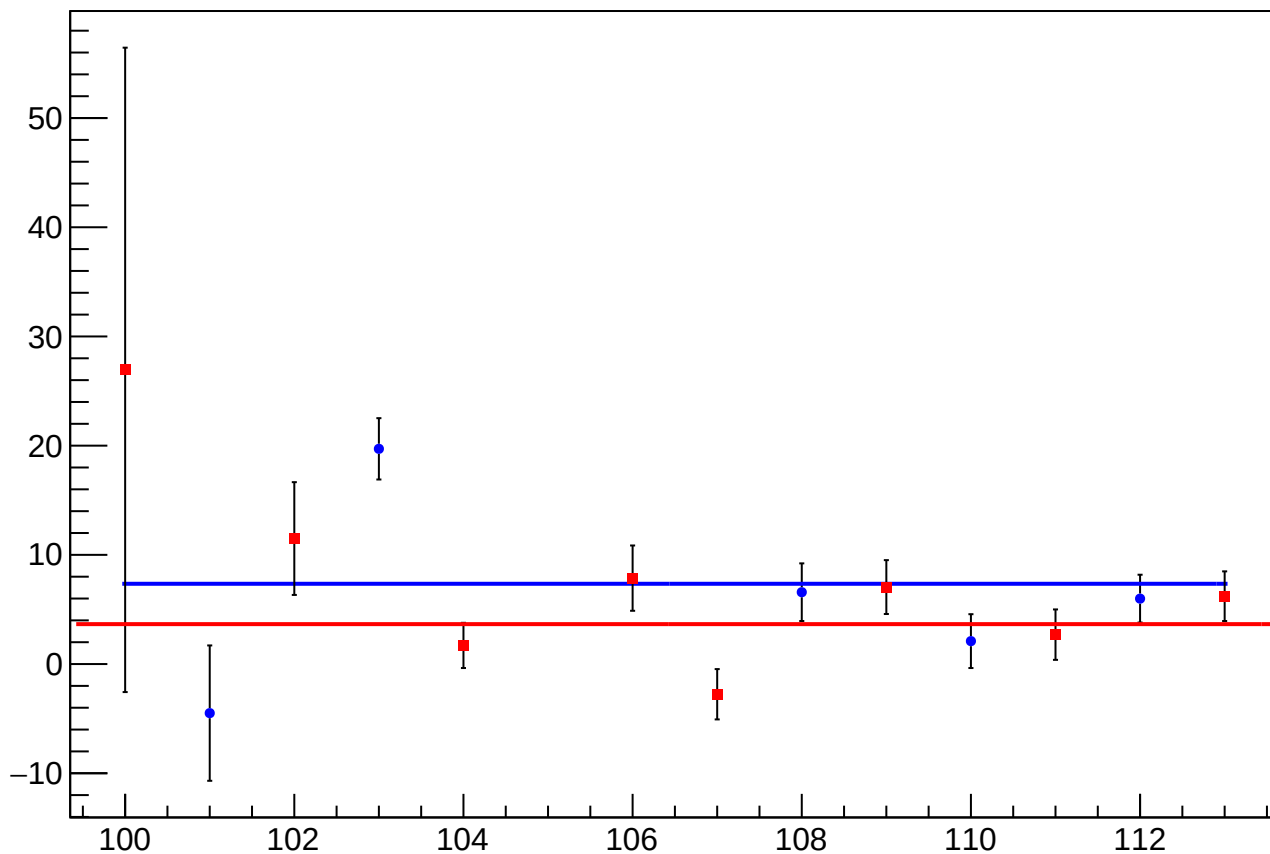
Right: -21.753+/-0.571 χ^2/NDF : 189.3/12

In: -20.460+/-0.908 χ^2/NDF : 79.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.753+/-0.571 χ^2/NDF : 189.3/12

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: 3.656+/-0.946 χ^2/NDF : 16.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

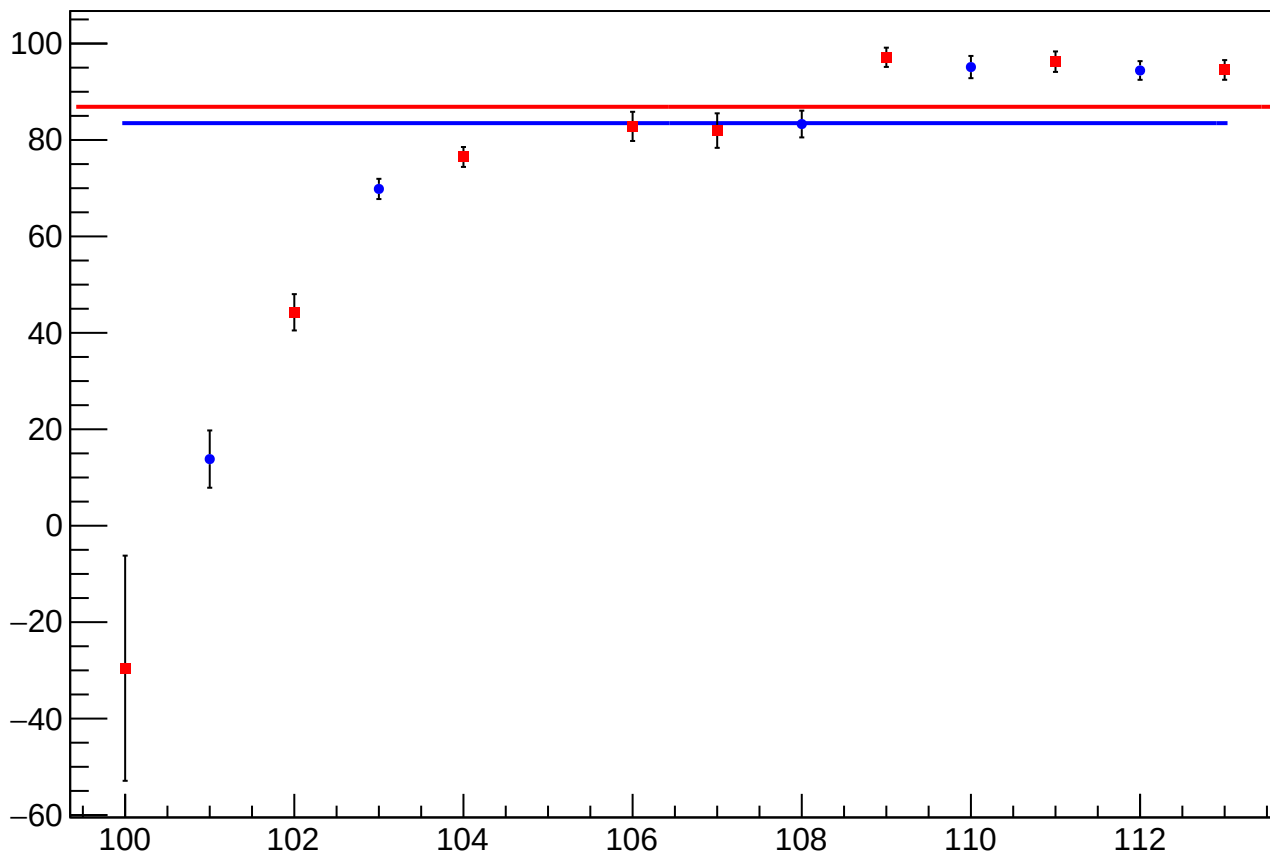
Right: 5.040+/-0.748 χ^2/NDF : 50.6/12

In: 7.351+/-1.222 χ^2/NDF : 28.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.040+/-0.748 χ^2/NDF : 50.6/12

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: 86.884+/-0.910 χ^2 /NDF: 241.8/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

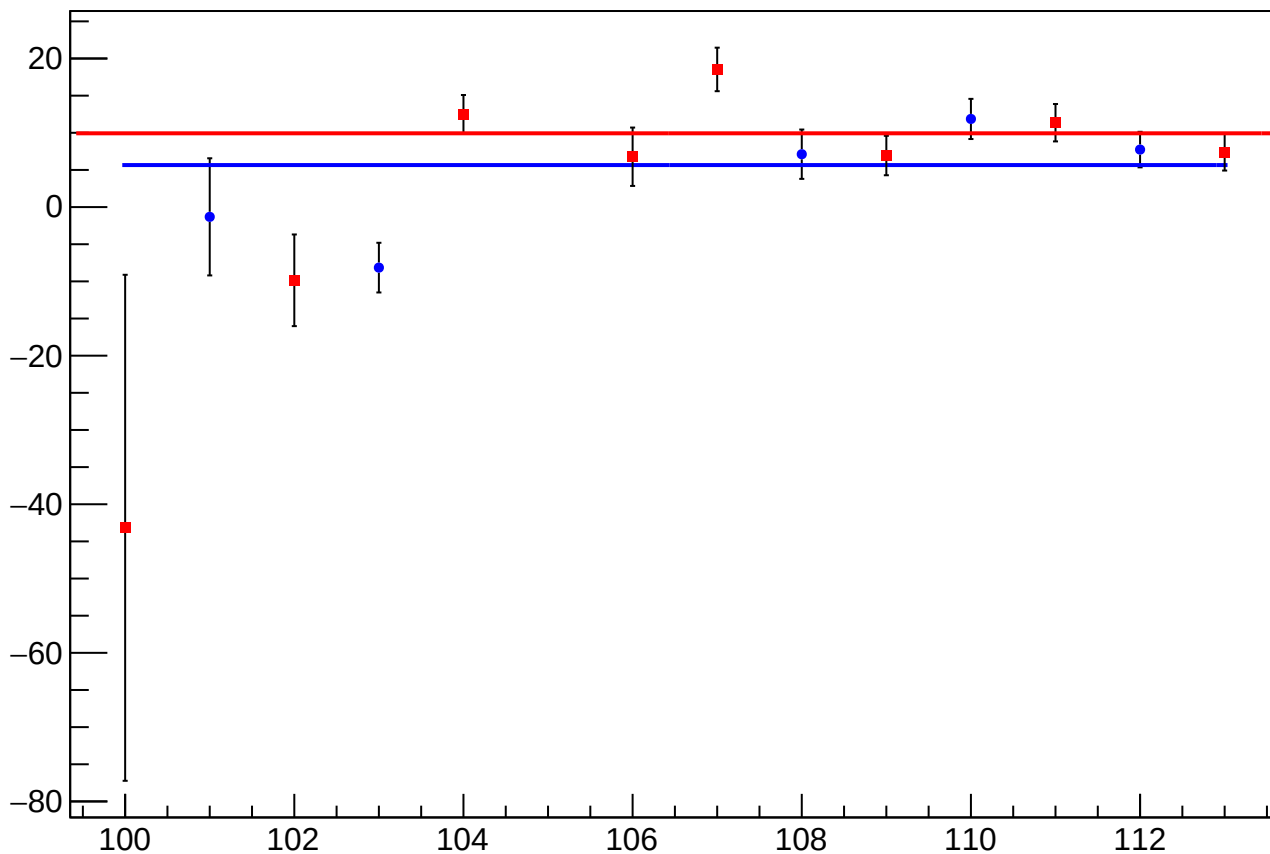
Right: 85.491+/-0.699 χ^2 /NDF: 484.7/12

In: 83.492+/-1.091 χ^2 /NDF:237.2/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 85.491+/-0.699 χ^2 /NDF: 484.7/12

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: 9.931+/-1.107 χ^2/NDF : 25.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

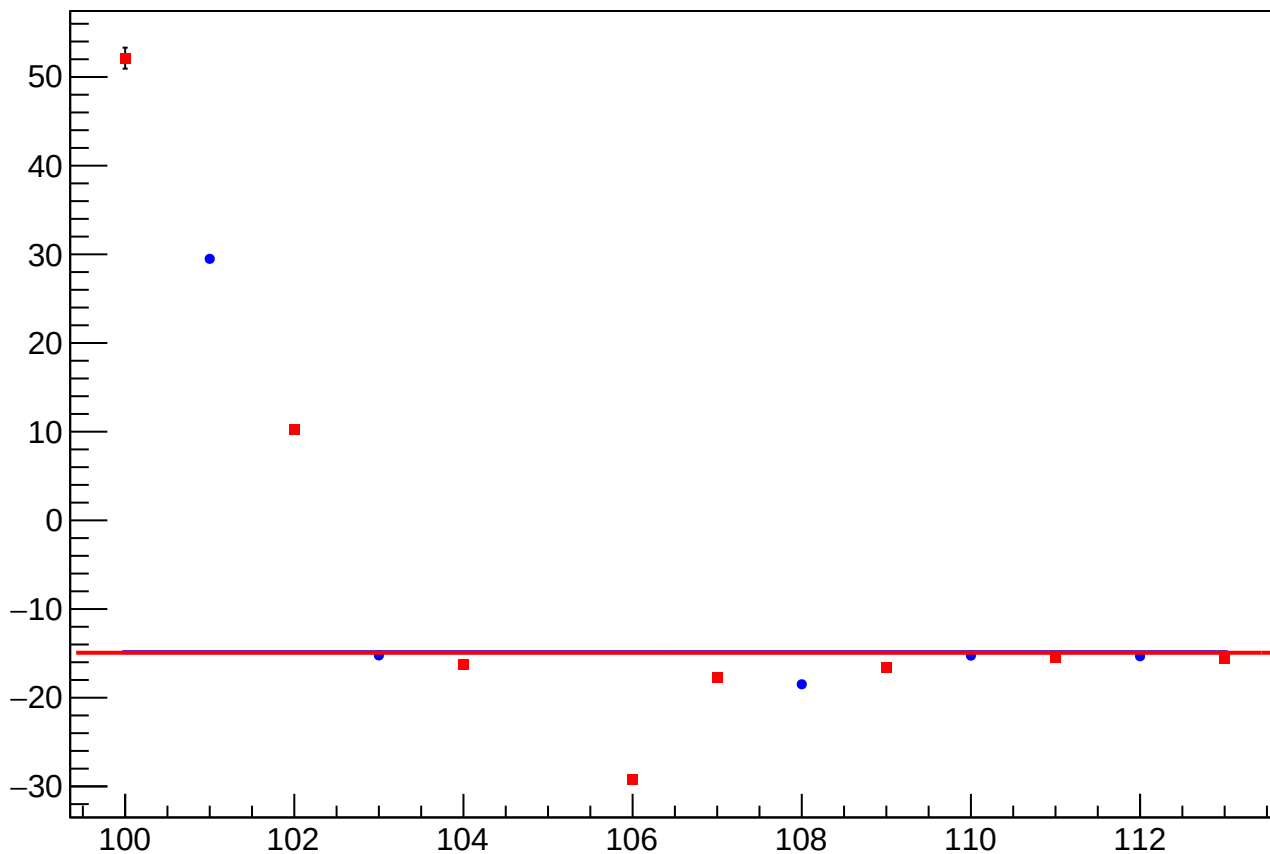
Right: 8.292+/-0.869 χ^2/NDF : 55.3/12

In: 5.657+/-1.403 χ^2/NDF : 24.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.292+/-0.869 χ^2/NDF : 55.3/12

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: -14.928+/-0.053 χ^2/NDF : 37824.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

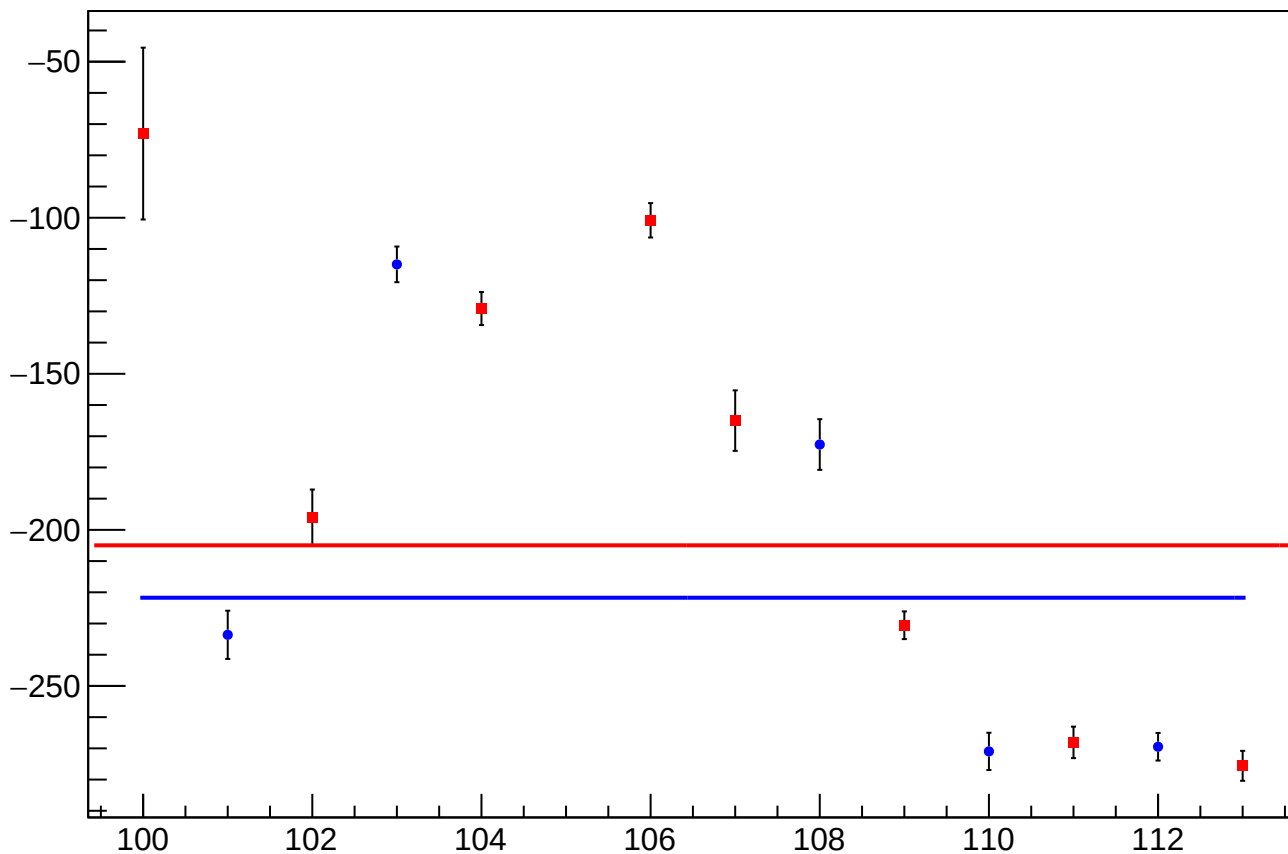
Right: -14.902+/-0.039 χ^2/NDF : 54799.7/12

In: -14.870+/-0.059 χ^2/NDF : 16974.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.902+/-0.039 χ^2/NDF : 54799.7/12

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: -204.948 $\pm$ 2.101 χ^2 /NDF: 1010.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

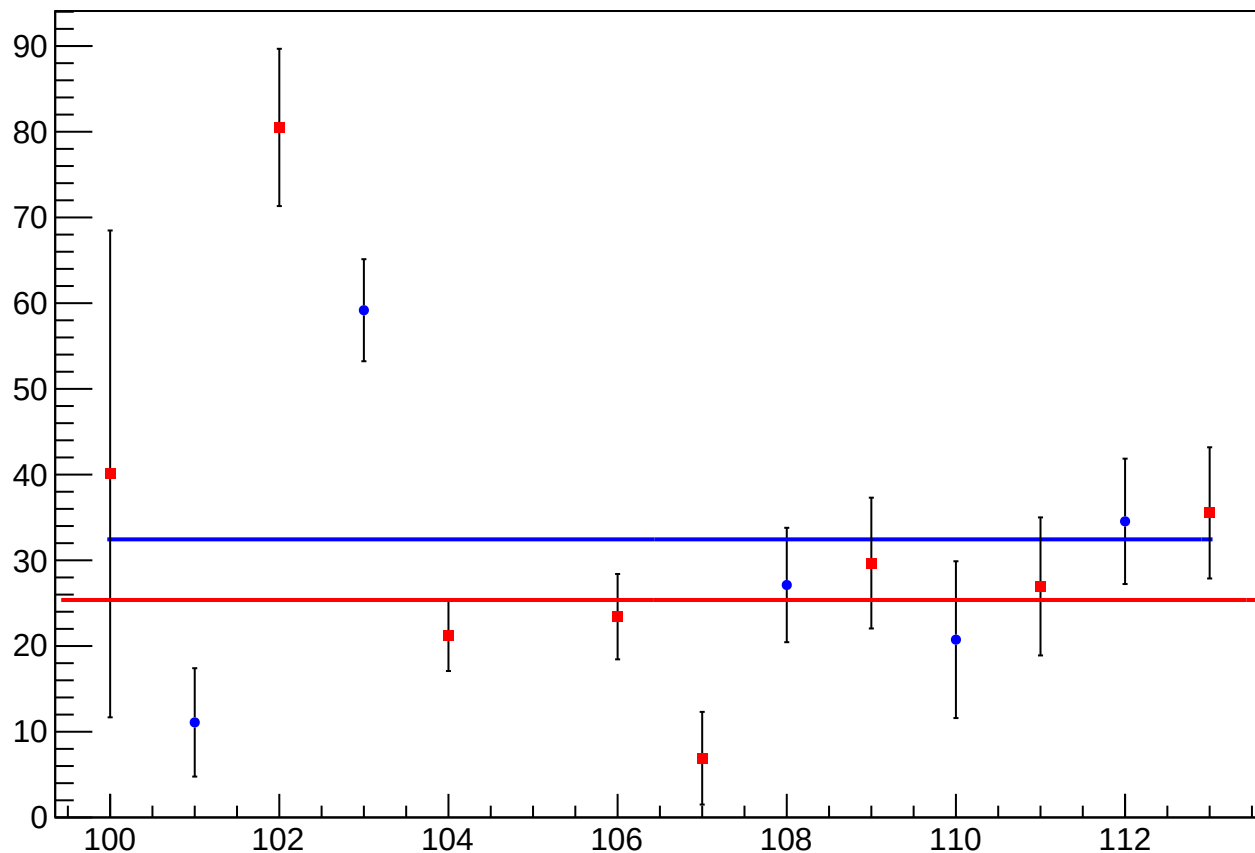
Right: -211.411 $\pm$ 1.647 χ^2 /NDF: 1608.4/12

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: -211.411 $\pm$ 1.647 χ^2 /NDF: 1608.4/12

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: 25.372+/-2.267 χ^2/NDF : 51.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

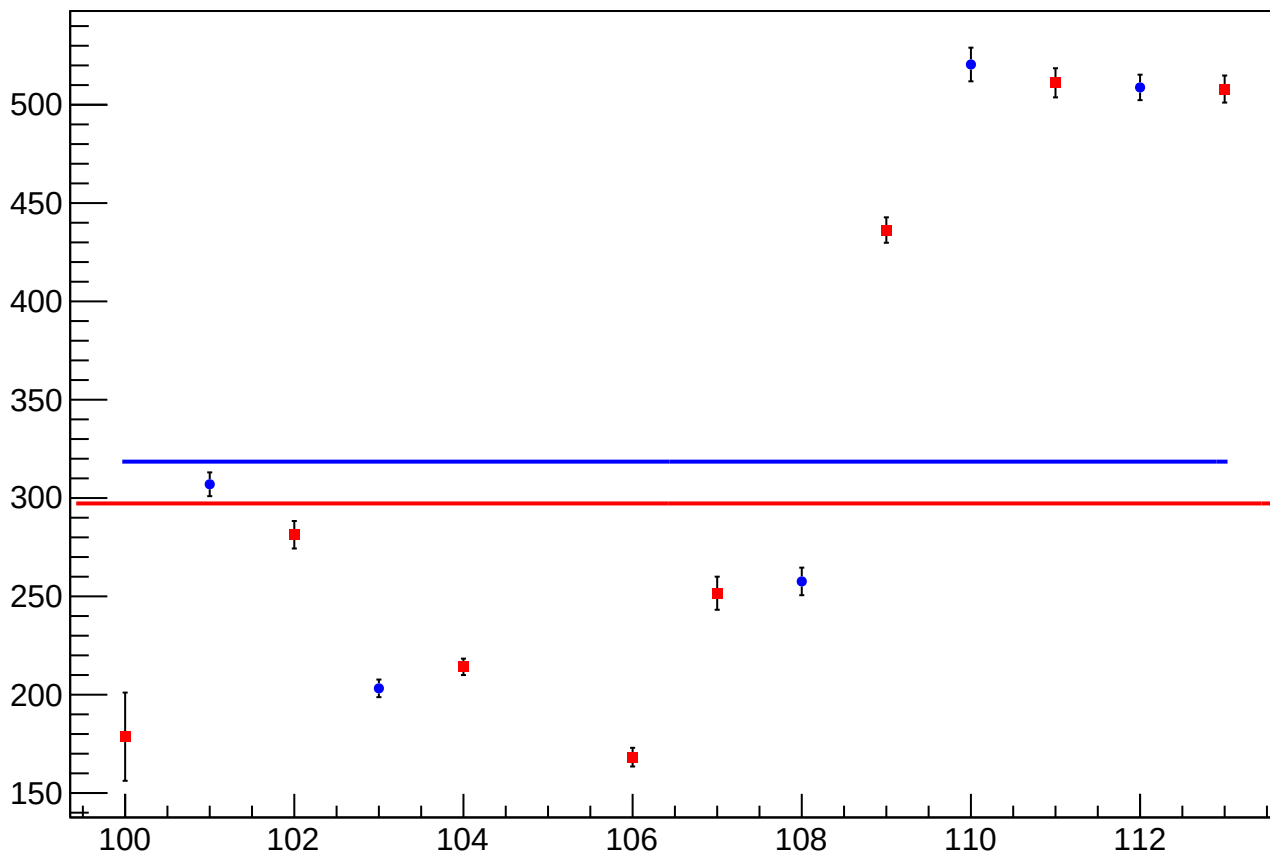
Right: 27.871+/-1.823 χ^2/NDF : 88.7/12

In: 32.443+/-3.067 χ^2/NDF : 33.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.871+/-1.823 χ^2/NDF : 88.7/12

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: 297.252+/-2.228 χ^2/NDF : 3430.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

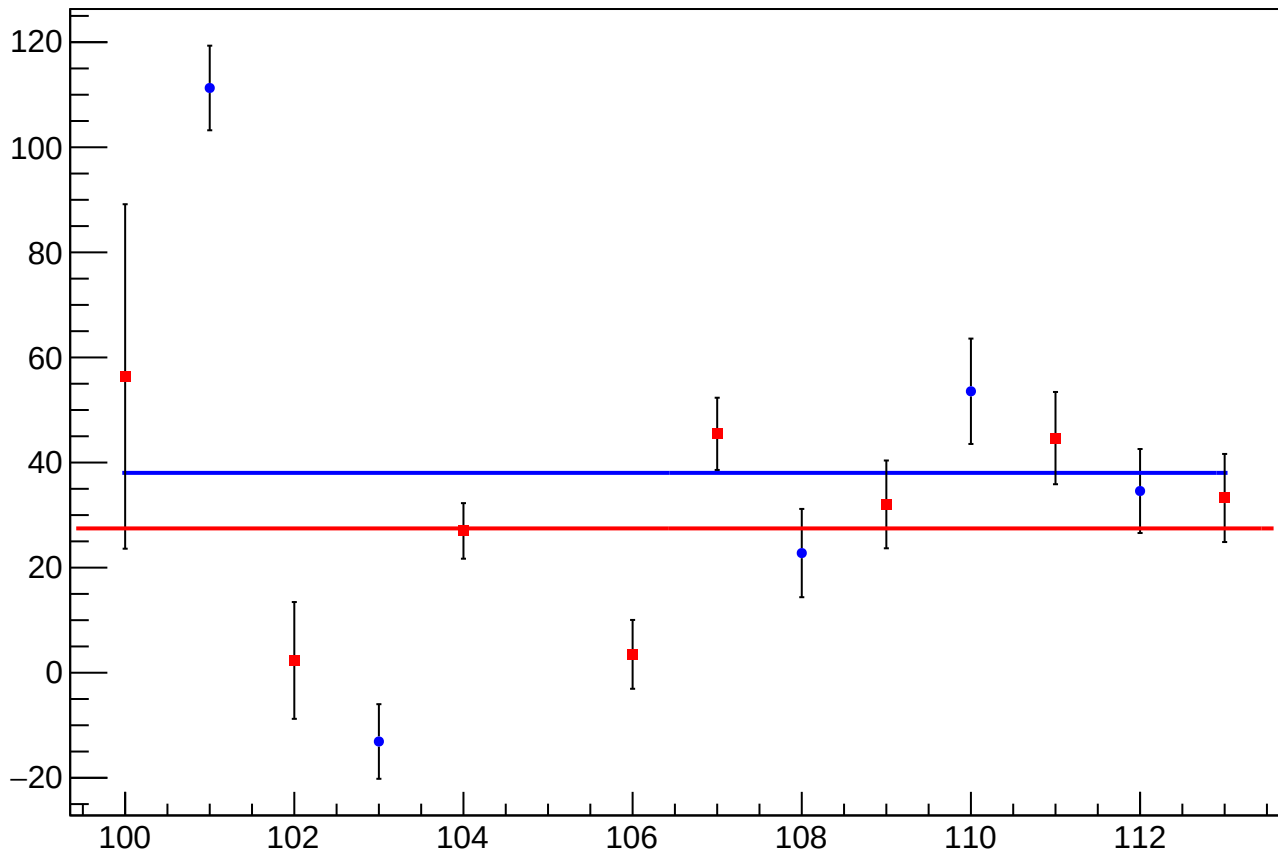
Right: 305.786+/-1.724 χ^2/NDF : 5629.0/12

In: 318.517+/-2.721 χ^2/NDF : 2162.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 305.786+/-1.724 χ^2/NDF : 5629.0/12

reg_asym_usr_atr2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 38.035+/-3.651 χ^2/NDF : 140.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.463+/-2.765 χ^2/NDF : 30.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

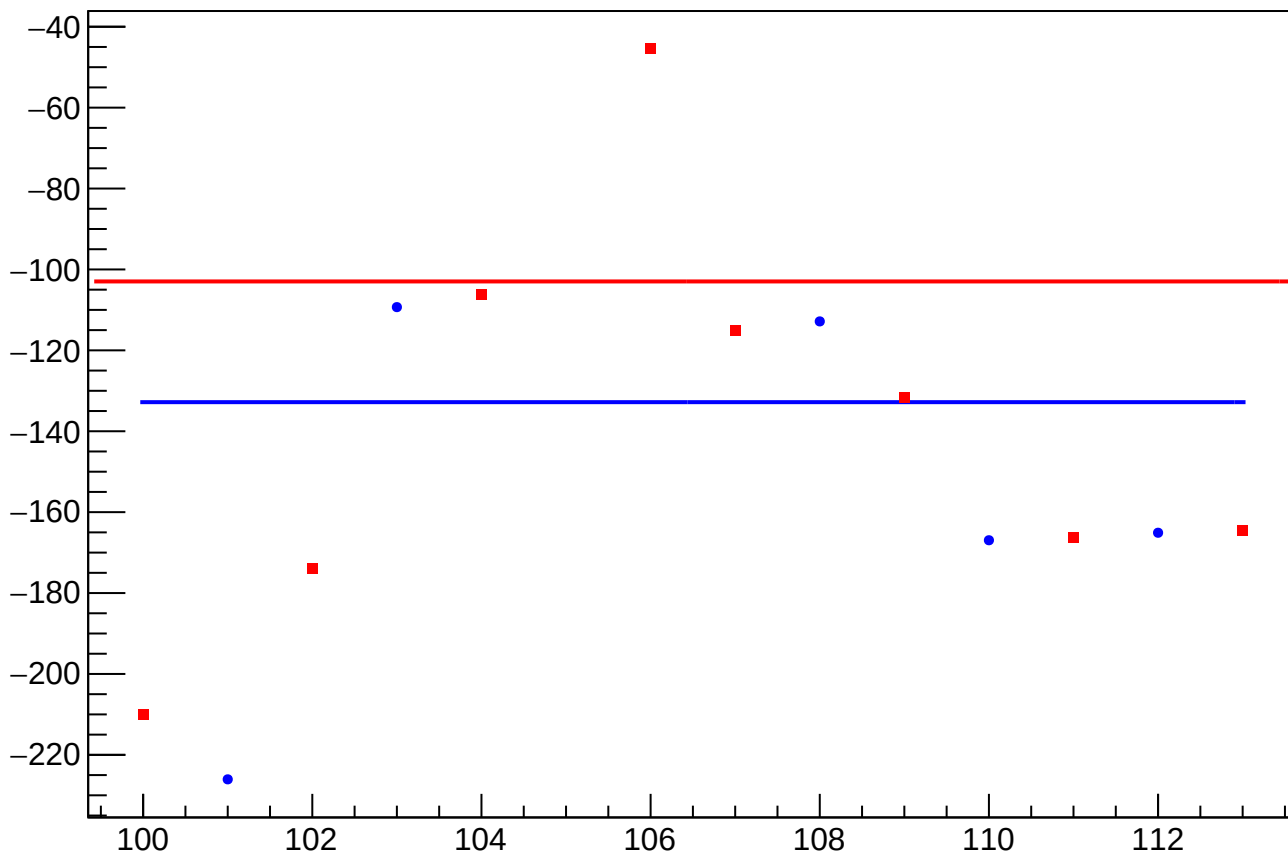
Right: 31.317+/-2.204 χ^2/NDF : 176.6/12

In: 38.035+/-3.651 χ^2/NDF : 140.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.317+/-2.204 χ^2/NDF : 176.6/12

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: -102.965+/-0.109 χ^2/NDF : 188103.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

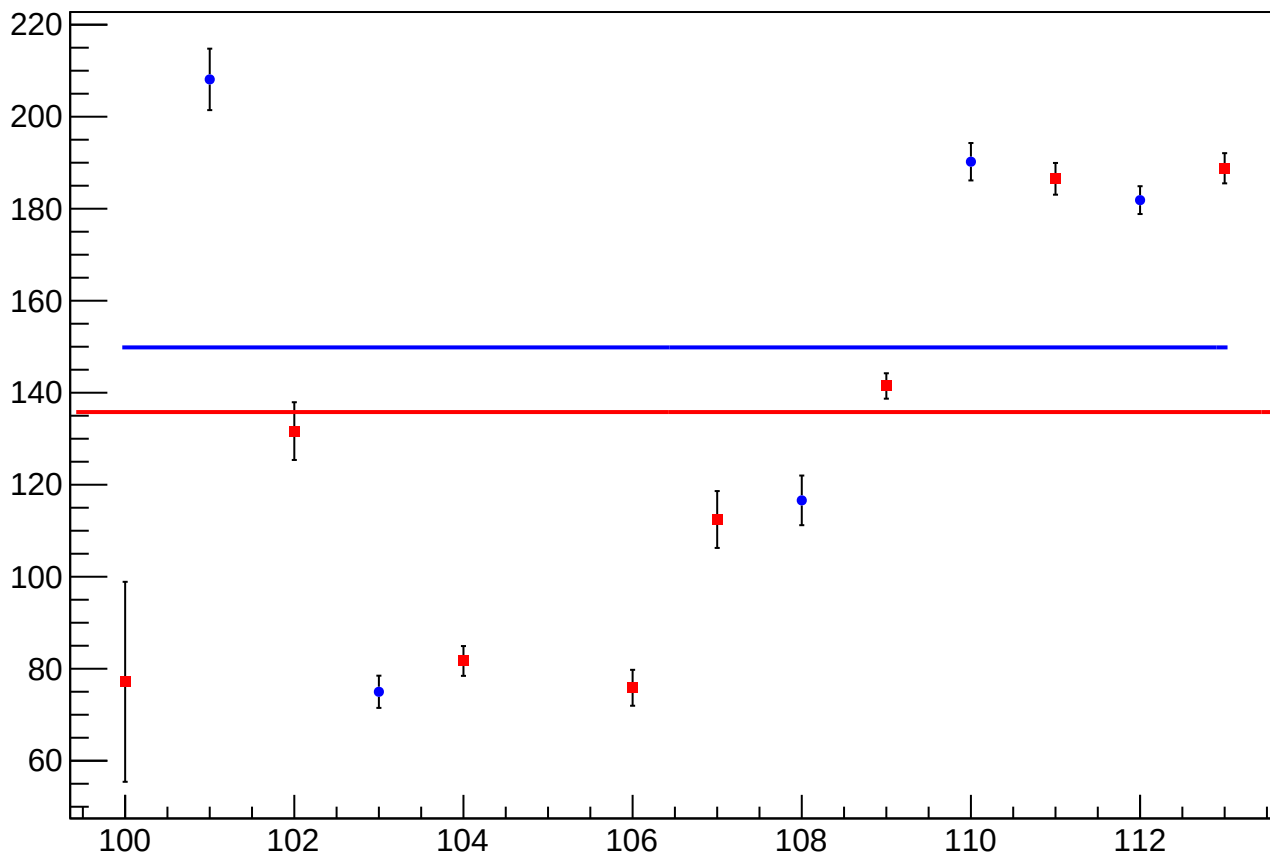
Right: -114.587+/-0.085 χ^2/NDF : 311241.0/12

In: -132.809+/-0.136 χ^2/NDF : 93713.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -114.587+/-0.085 χ^2/NDF : 311241.0/12

reg_asym_usr_atr2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 149.852+/-1.802 χ^2/NDF : 781.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.797+/-1.384 χ^2/NDF : 1017.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

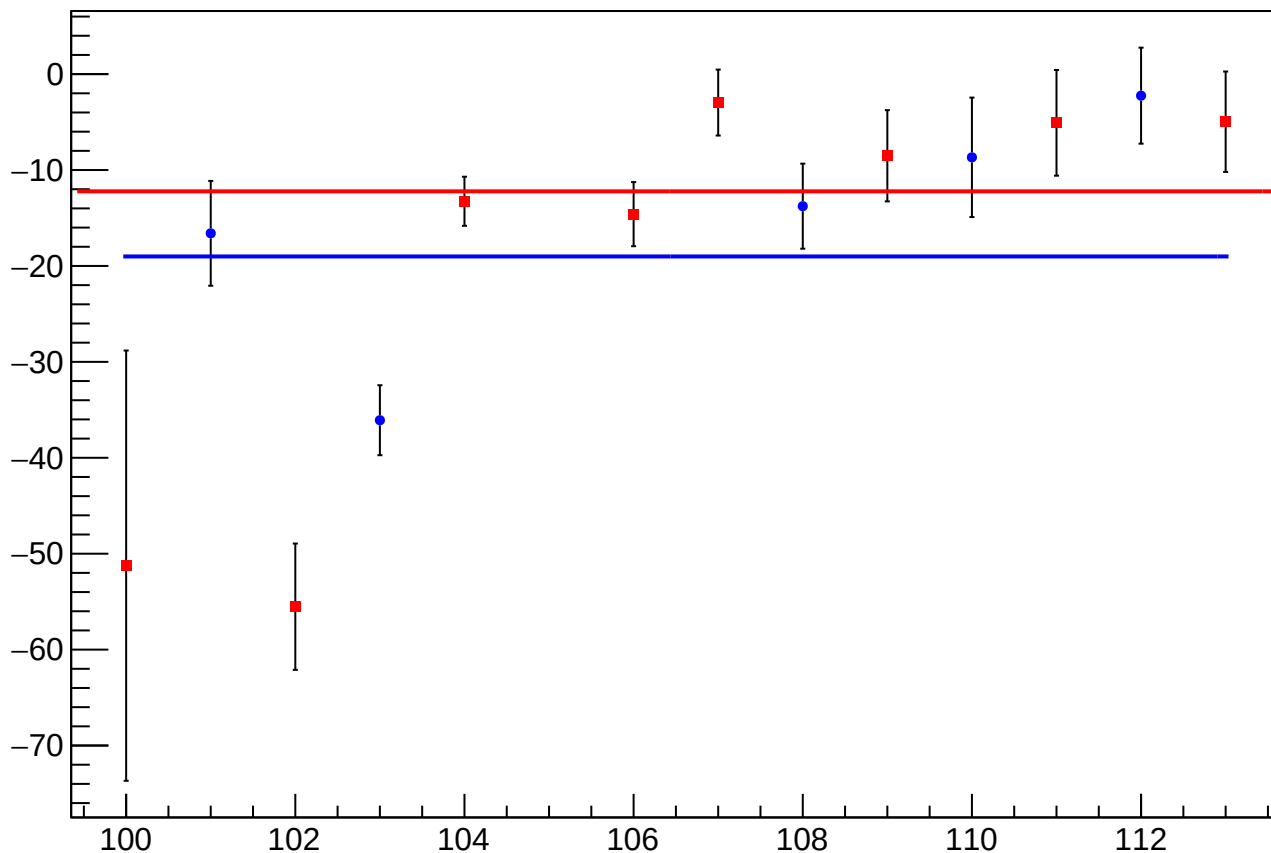
Right: 141.011+/-1.097 χ^2/NDF : 1837.4/12

In: 149.852+/-1.802 χ^2/NDF : 781.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.011+/-1.097 χ^2/NDF : 1837.4/12

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: -12.220+/-1.466 χ^2/NDF : 58.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

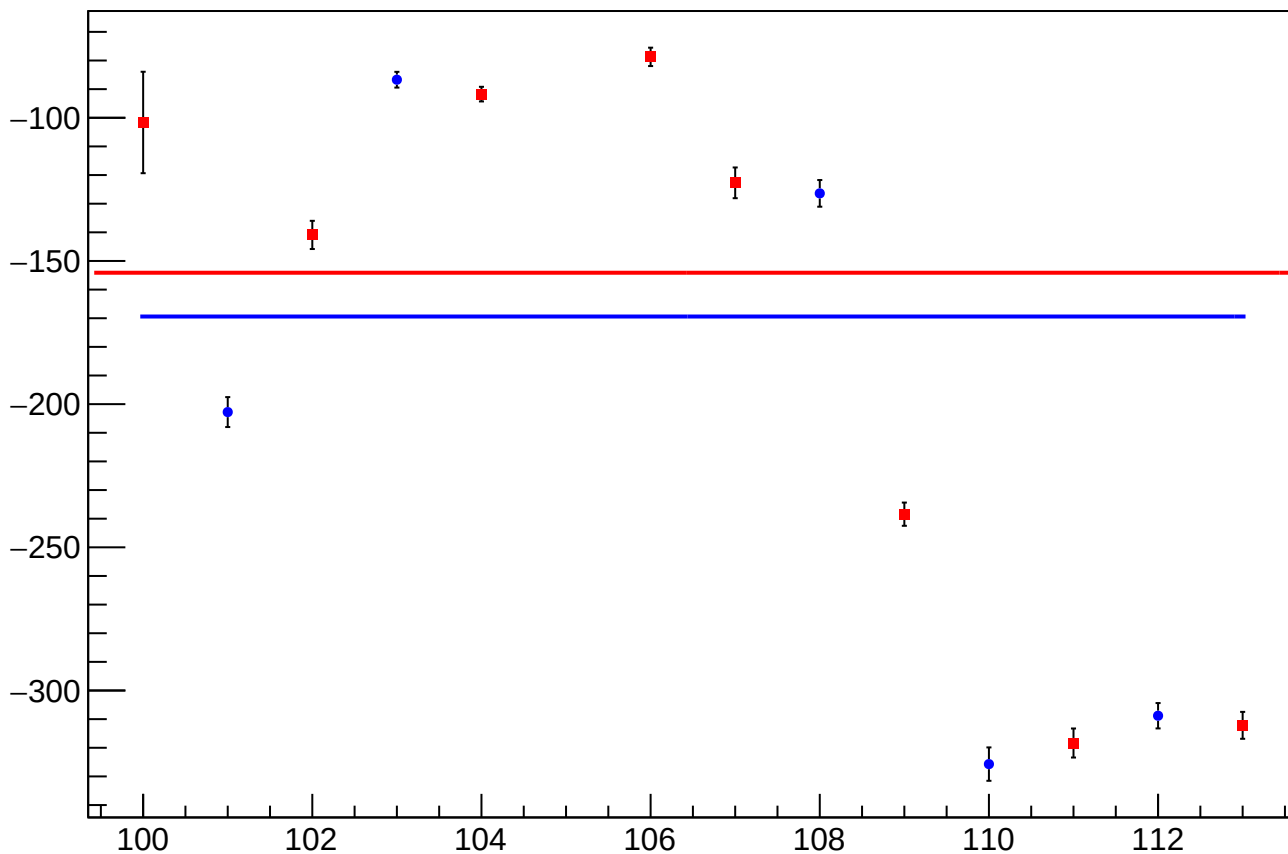
Right: -14.434+/-1.203 χ^2/NDF : 102.9/12

In: -19.010+/-2.107 χ^2/NDF :37.5/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -14.434+/-1.203 χ^2/NDF : 102.9/12

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: -154.110+/-1.452 χ^2/NDF : 3808.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

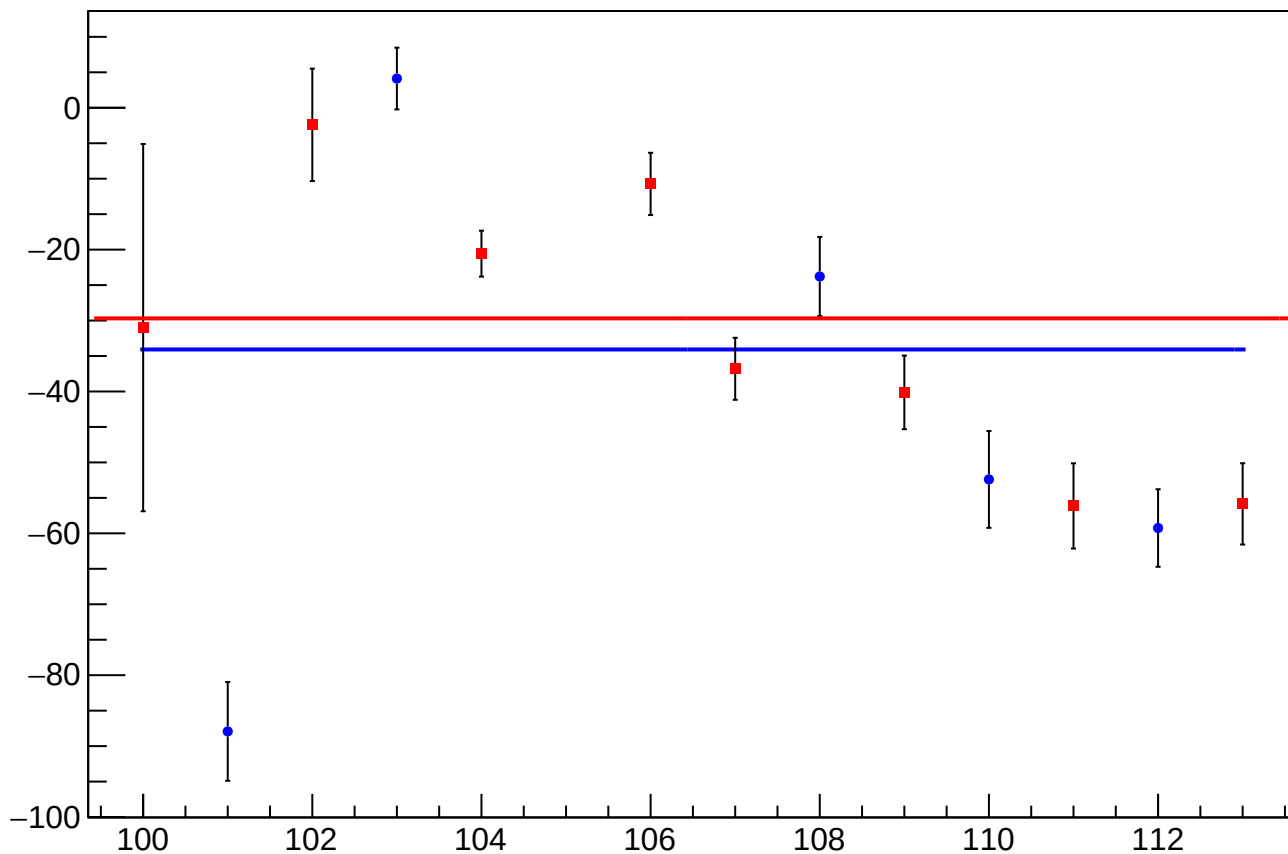
Right: -159.979+/-1.140 χ^2/NDF : 6592.7/12

In: -169.398+/-1.840 χ^2/NDF : 2741.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -159.979+/-1.140 χ^2/NDF : 6592.7/12

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: -29.693+/-1.789 χ^2/NDF : 85.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

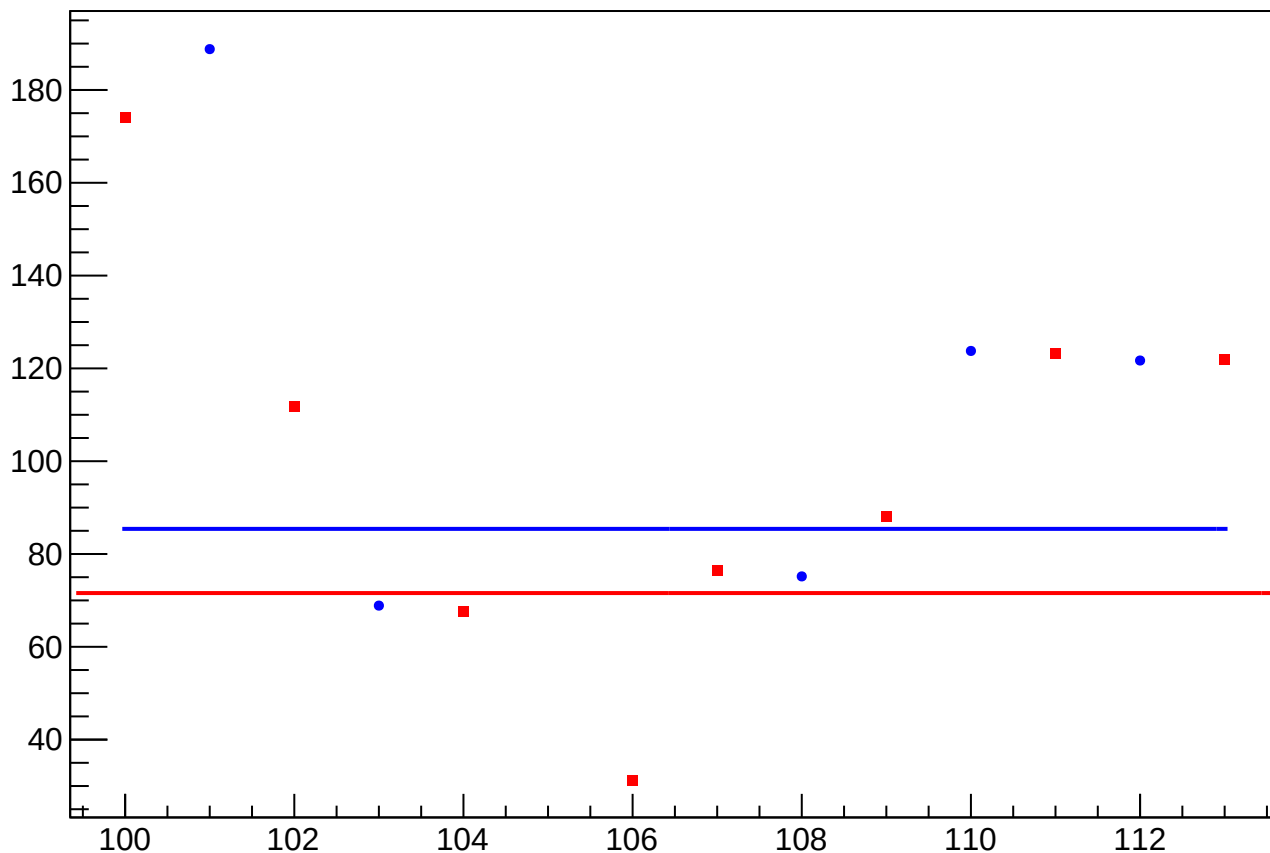
Right: -31.180+/-1.454 χ^2/NDF : 256.0/12

In: -34.076+/-2.497 χ^2/NDF : 168.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.180+/-1.454 χ^2/NDF : 256.0/12

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: 71.583+/-0.074 χ^2/NDF : 163706.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

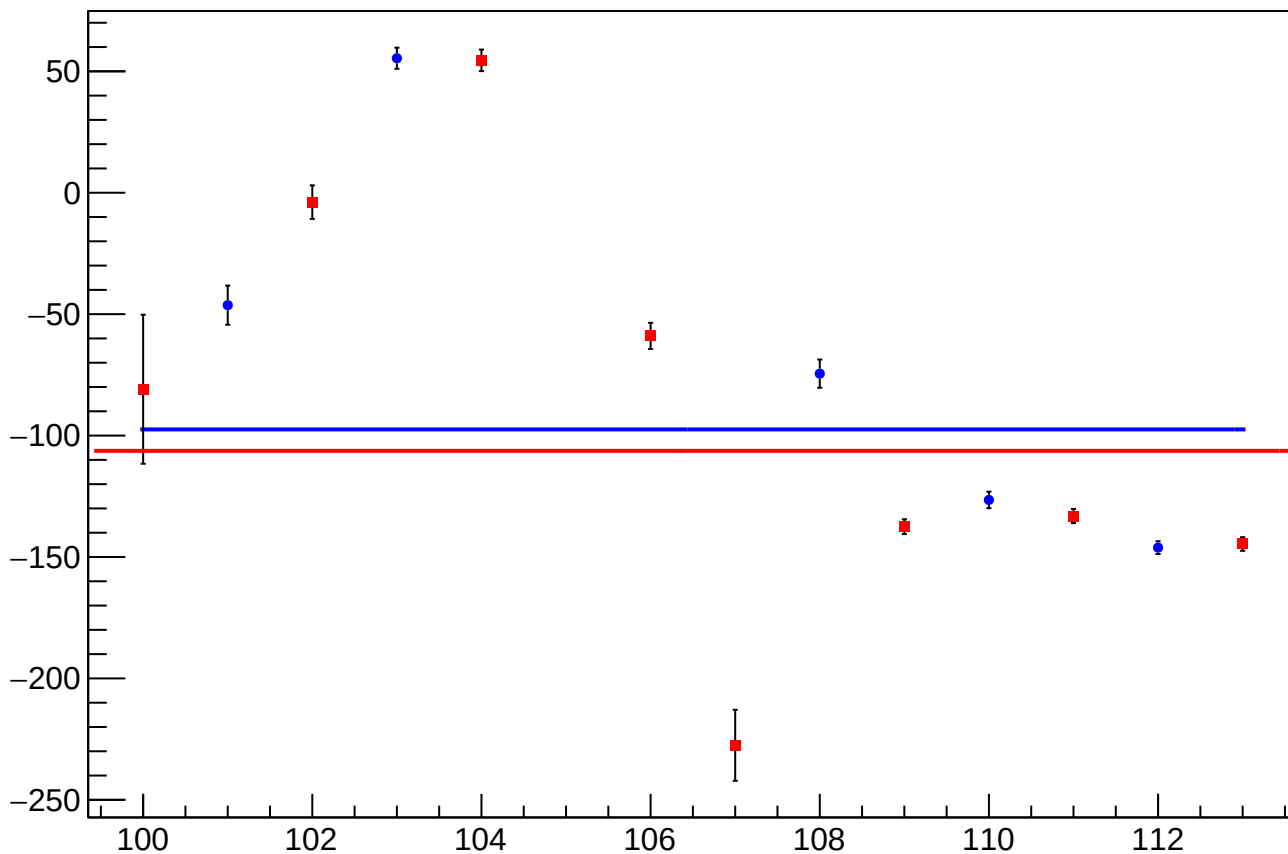
Right: 77.223+/-0.057 χ^2/NDF : 328653.5/12

In: 85.417+/-0.089 χ^2/NDF : 150694.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.223+/-0.057 χ^2/NDF : 328653.5/12

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: -106.277 $\pm$ 1.466 χ^2 /NDF: 2058.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

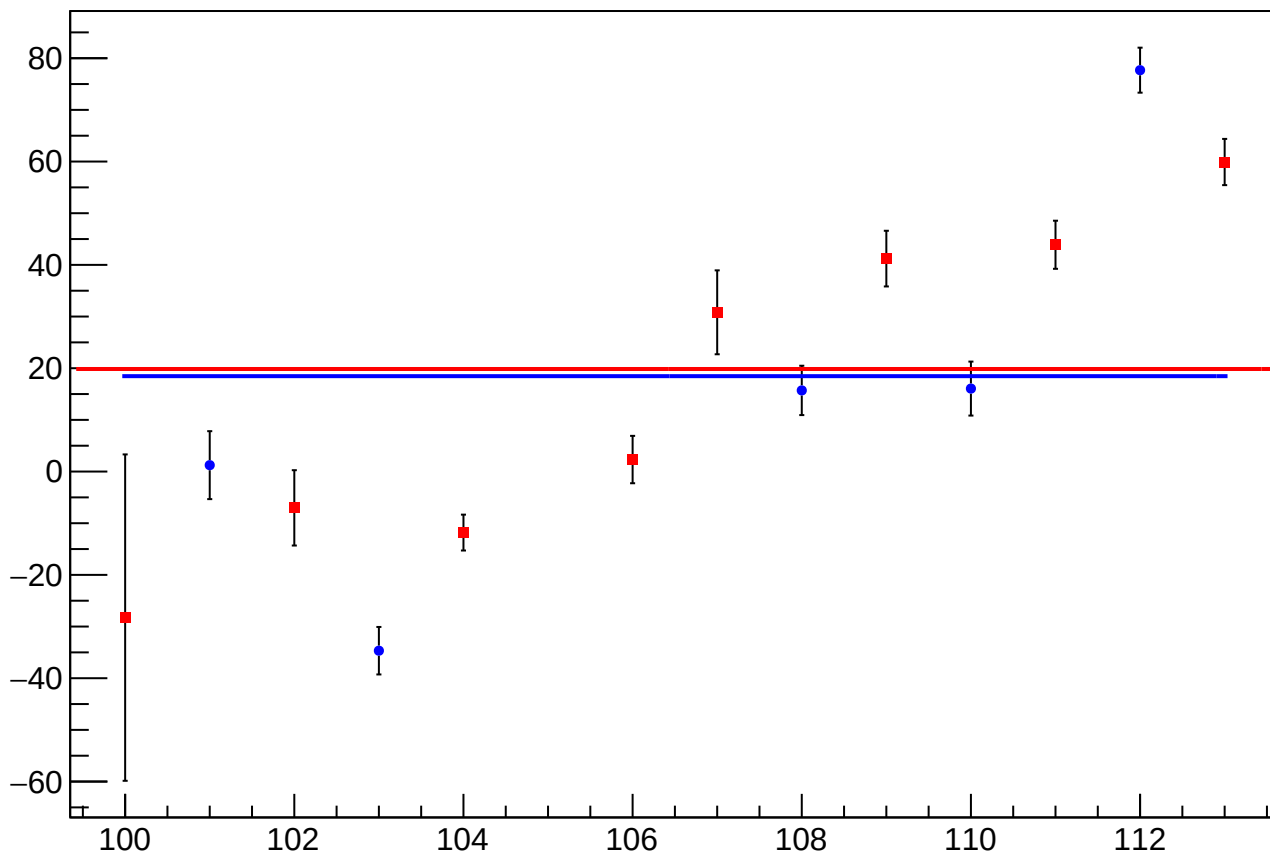
Right: -102.627 $\pm$ 1.122 χ^2 /NDF: 3778.7/12

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: -102.627 $\pm$ 1.122 χ^2 /NDF: 3778.7/12

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.462+/-2.216 χ^2/NDF : 326.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.850+/-1.838 χ^2/NDF : 238.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

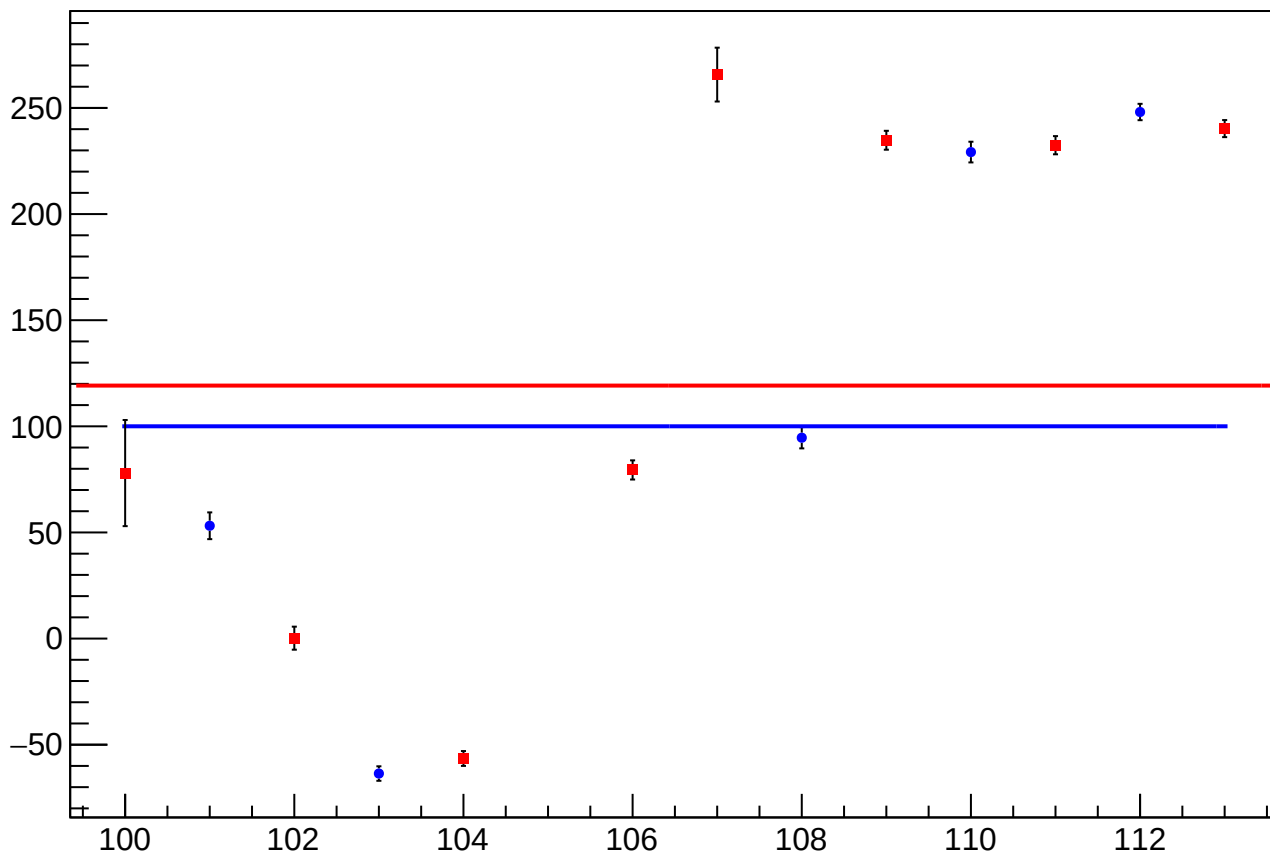
Right: 19.284+/-1.415 χ^2/NDF : 564.4/12

In: 18.462+/-2.216 χ^2/NDF : 326.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.284+/-1.415 χ^2/NDF : 564.4/12

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 100.013+/-1.961 χ^2/NDF : 4529.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.192+/-1.716 χ^2/NDF : 5499.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

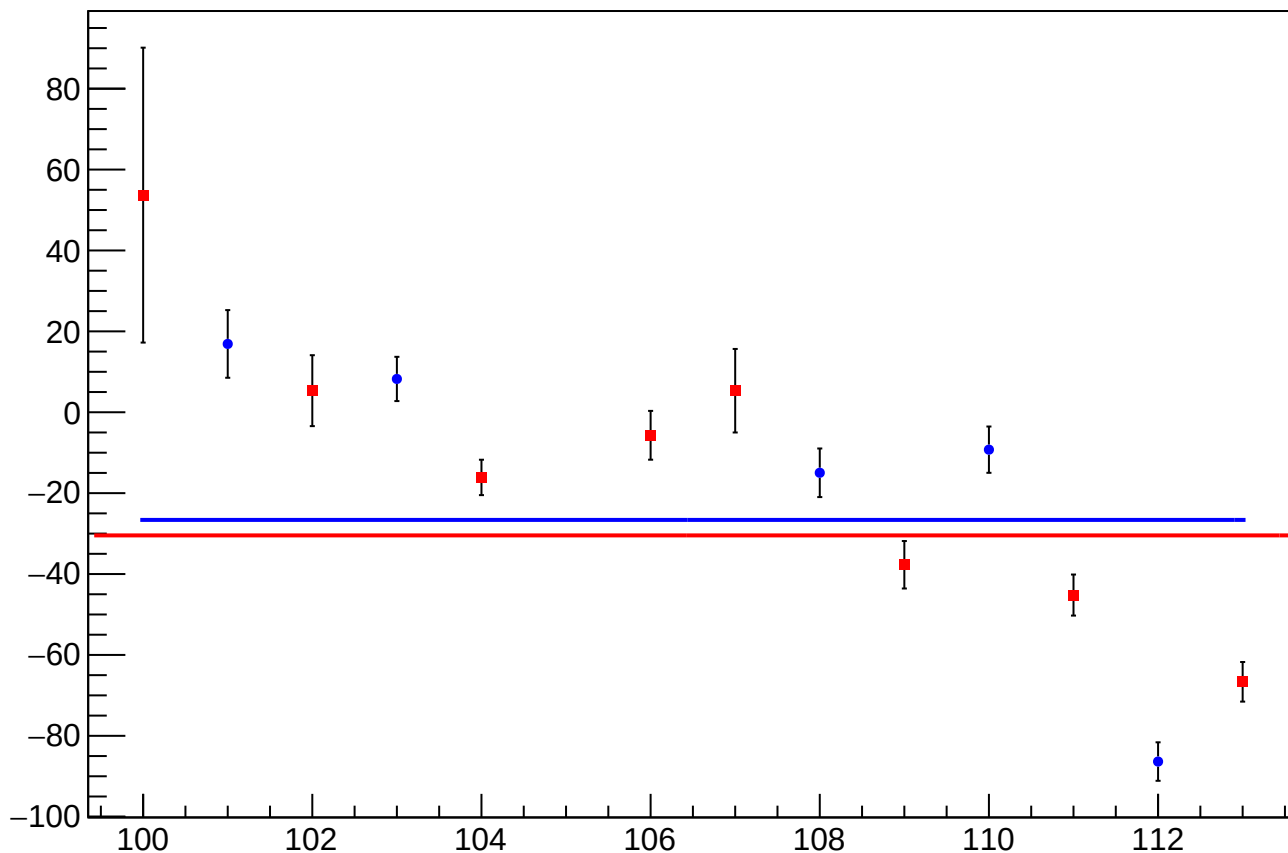
Right: 110.876+/-1.291 χ^2/NDF : 10082.6/12

In: 100.013+/-1.961 χ^2/NDF : 4529.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.876+/-1.291 χ^2/NDF : 10082.6/12

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: -30.446 $\pm$ 2.170 χ^2 /NDF: 126.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

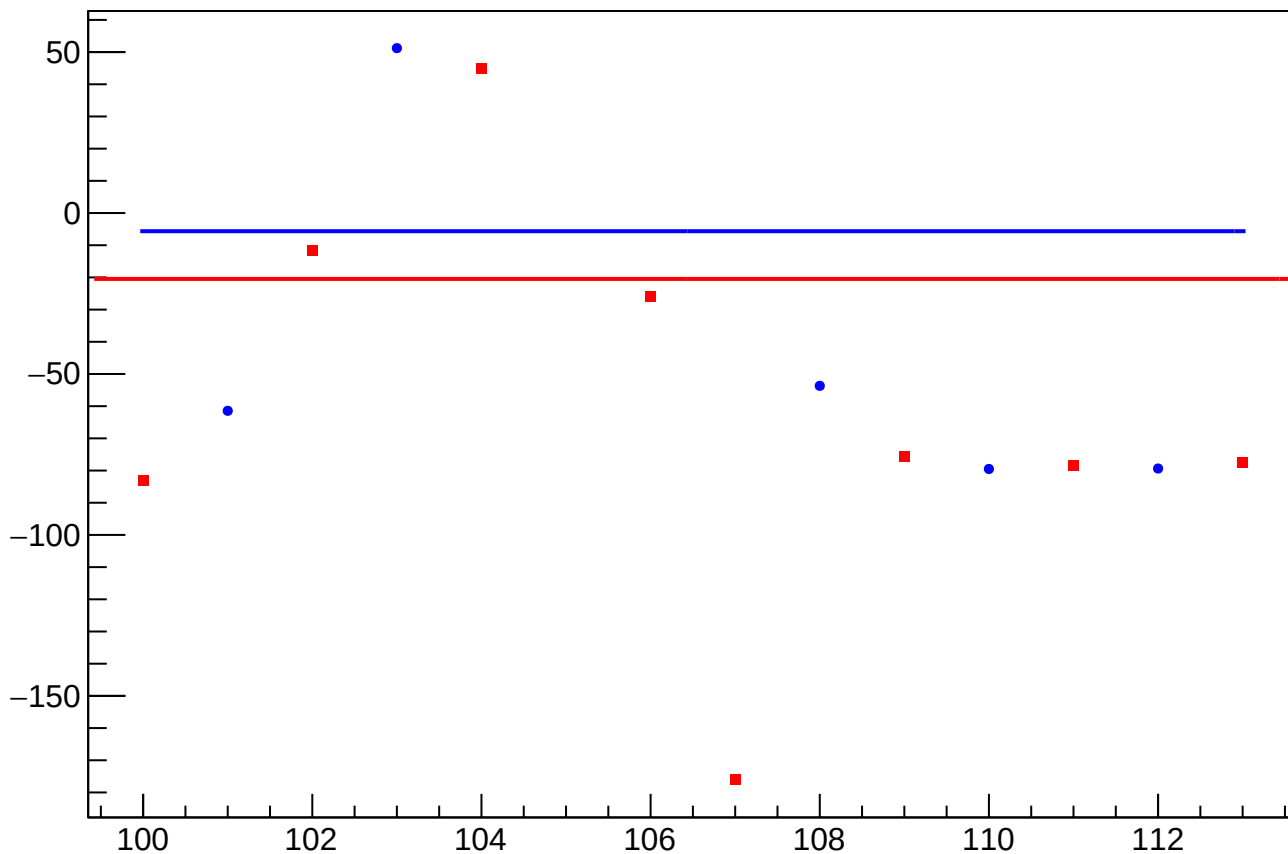
Right: -28.861 $\pm$ 1.661 χ^2 /NDF: 365.8/12

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: -28.861 $\pm$ 1.661 χ^2 /NDF: 365.8/12

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: -20.466+/-0.094 χ^2/NDF : 346433.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

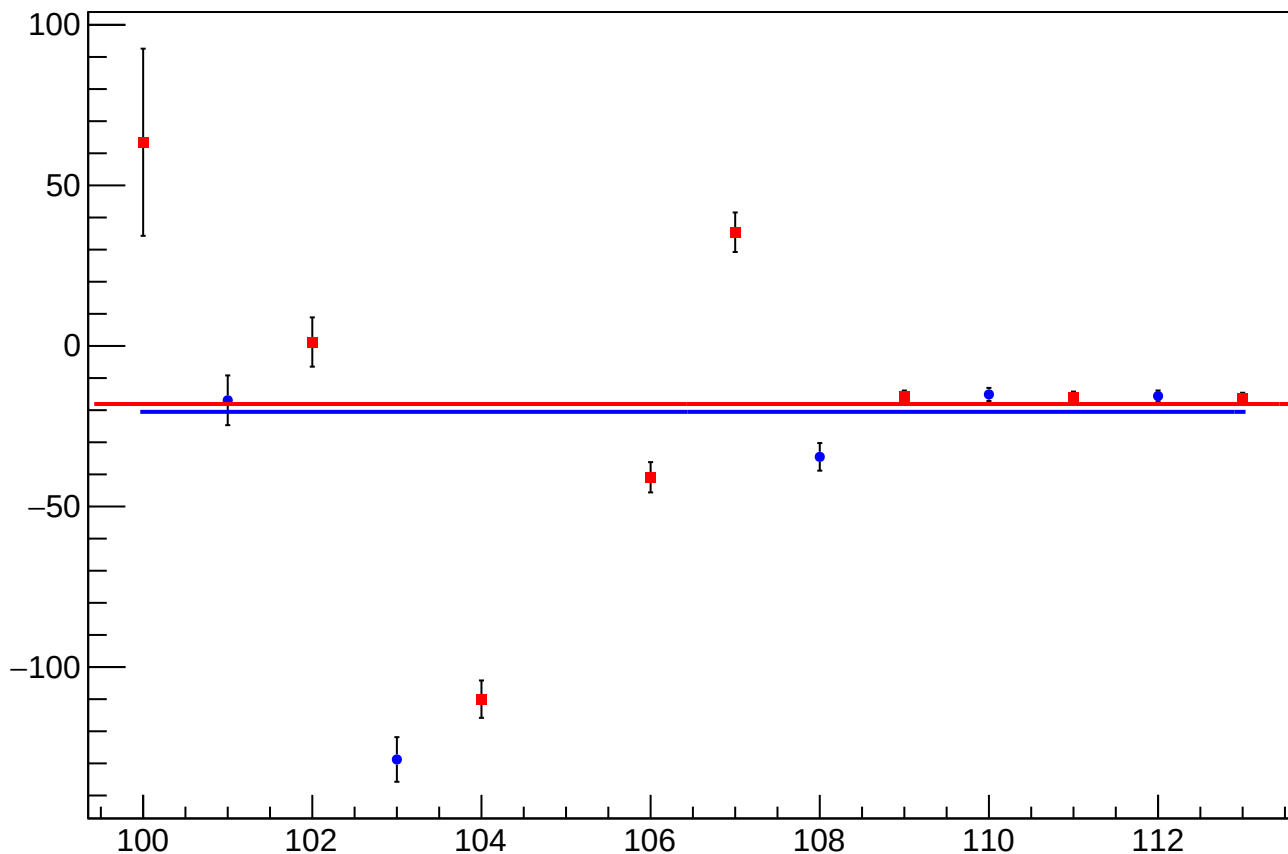
Right: -13.621+/-0.069 χ^2/NDF : 688367.2/12

In: -5.647+/-0.101 χ^2/NDF :330403.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -13.621+/-0.069 χ^2/NDF : 688367.2/12

reg_asym_us_avg_at1lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -20.520 ± 1.227 χ^2/NDF : 268.5/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -18.084 ± 0.982 χ^2/NDF : 366.4/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

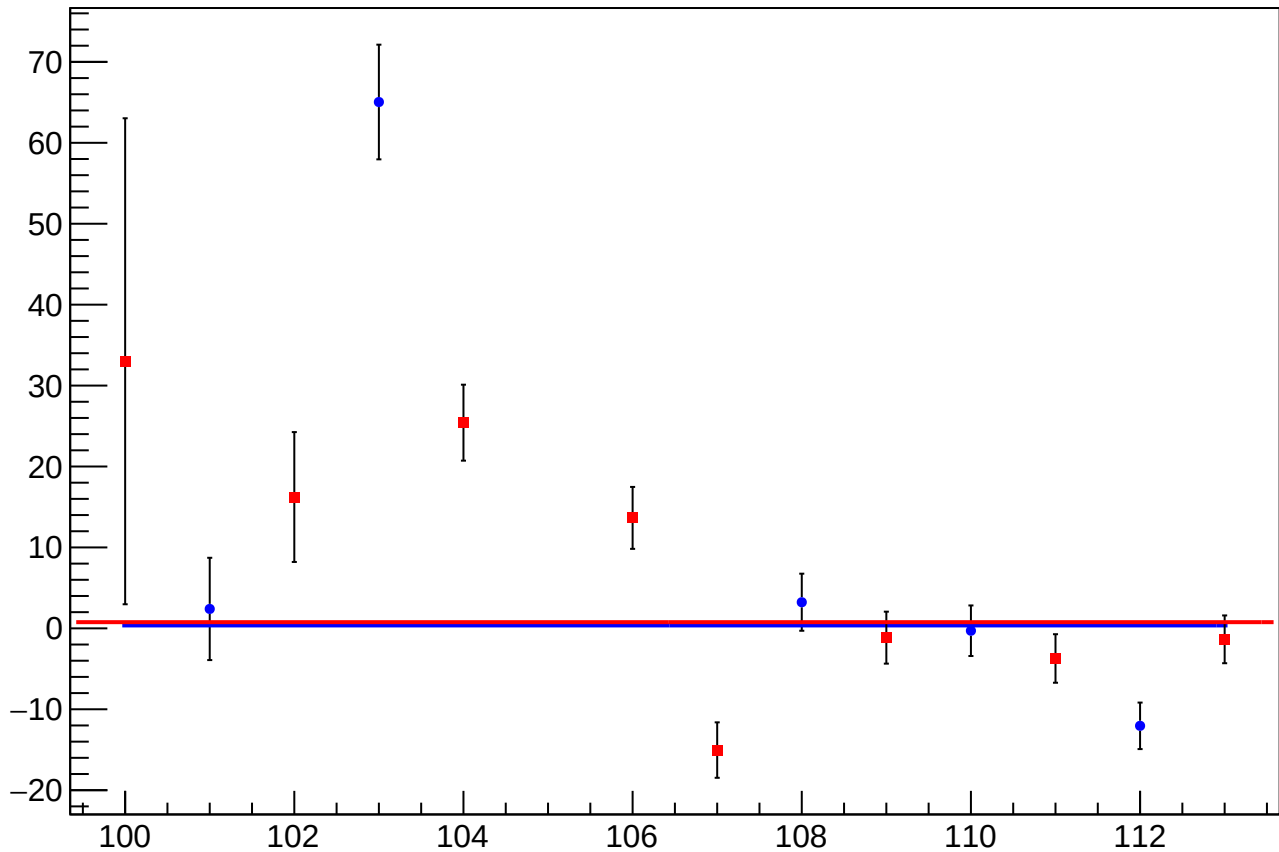
Right: -19.035 ± 0.767 χ^2/NDF : 637.3/12

In: -20.520 ± 1.227 χ^2/NDF : 268.5/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -19.035 ± 0.767 χ^2/NDF : 637.3/12

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: 0.765+/-1.363 χ^2/NDF : 68.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

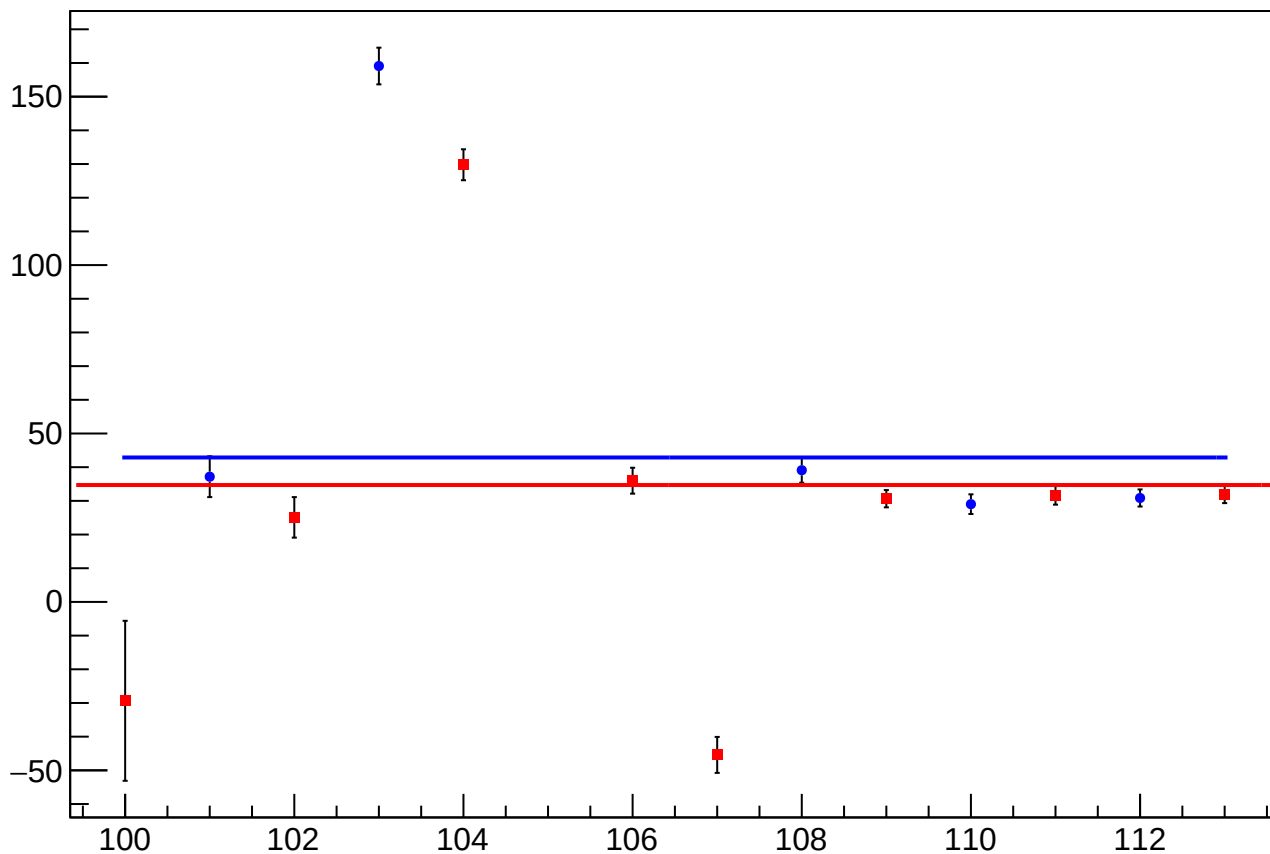
Right: 0.606+/-1.062 χ^2/NDF : 171.0/12

In: 0.361+/-1.693 χ^2/NDF : 102.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.606+/-1.062 χ^2/NDF : 171.0/12

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: 34.705+/-1.286 χ^2/NDF : 668.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

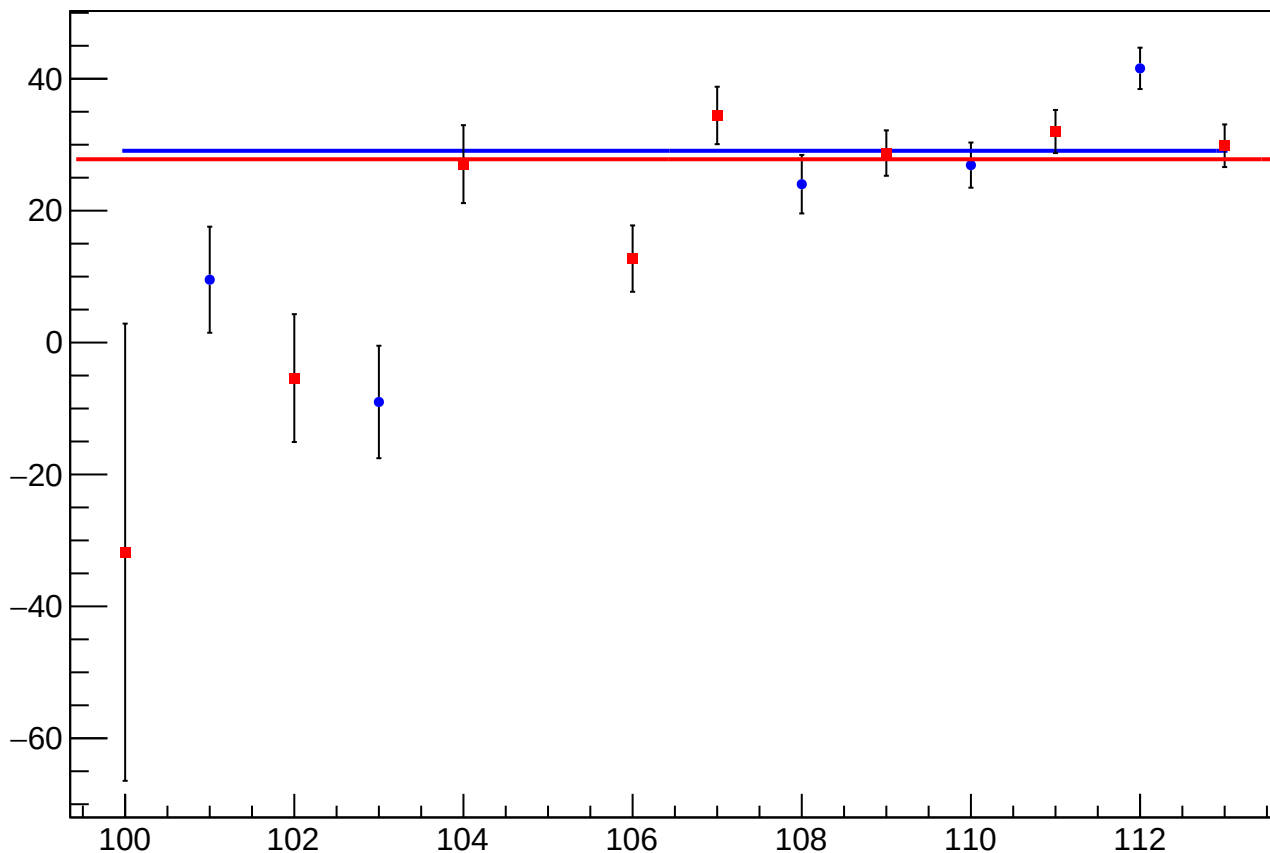
Right: 37.988+/-0.995 χ^2/NDF : 1186.5/12

In: 42.880+/-1.570 χ^2/NDF : 502.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.988+/-0.995 χ^2/NDF : 1186.5/12

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: 27.795+/-1.569 χ^2 /NDF: 28.1/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

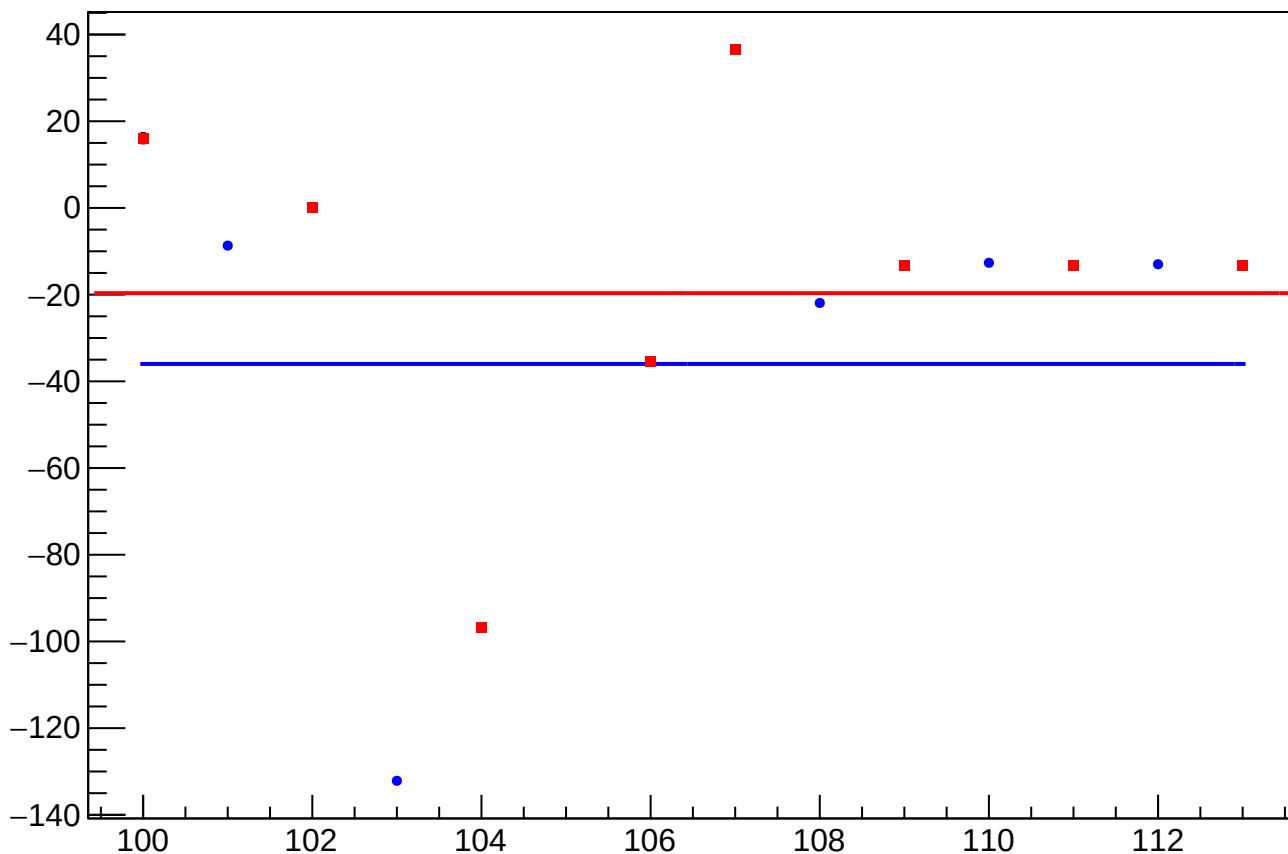
Right: 28.304+/-1.219 χ^2 /NDF: 71.8/12

In: 29.079+/-1.936 χ^2 /NDF:43.4/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 28.304+/-1.219 χ^2 /NDF: 71.8/12

reg_asym_us_avg_at1lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -35.986+/-0.094 χ^2/NDF : 210801.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -19.656+/-0.079 χ^2/NDF : 202826.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

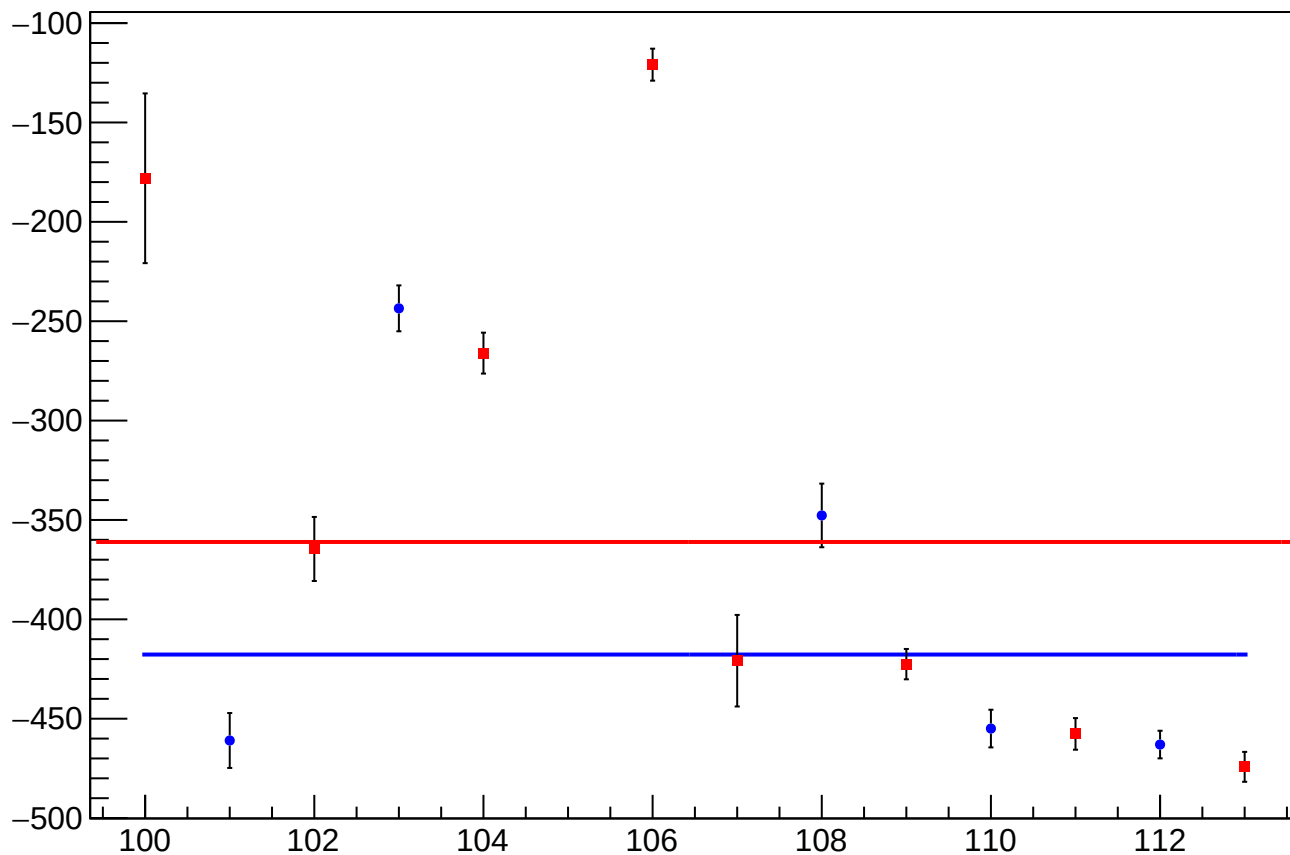
Right: -26.377+/-0.060 χ^2/NDF : 431299.0/12

In: -35.986+/-0.094 χ^2/NDF : 210801.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.377+/-0.060 χ^2/NDF : 431299.0/12

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: -361.076+/-3.497 χ^2/NDF : 1438.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

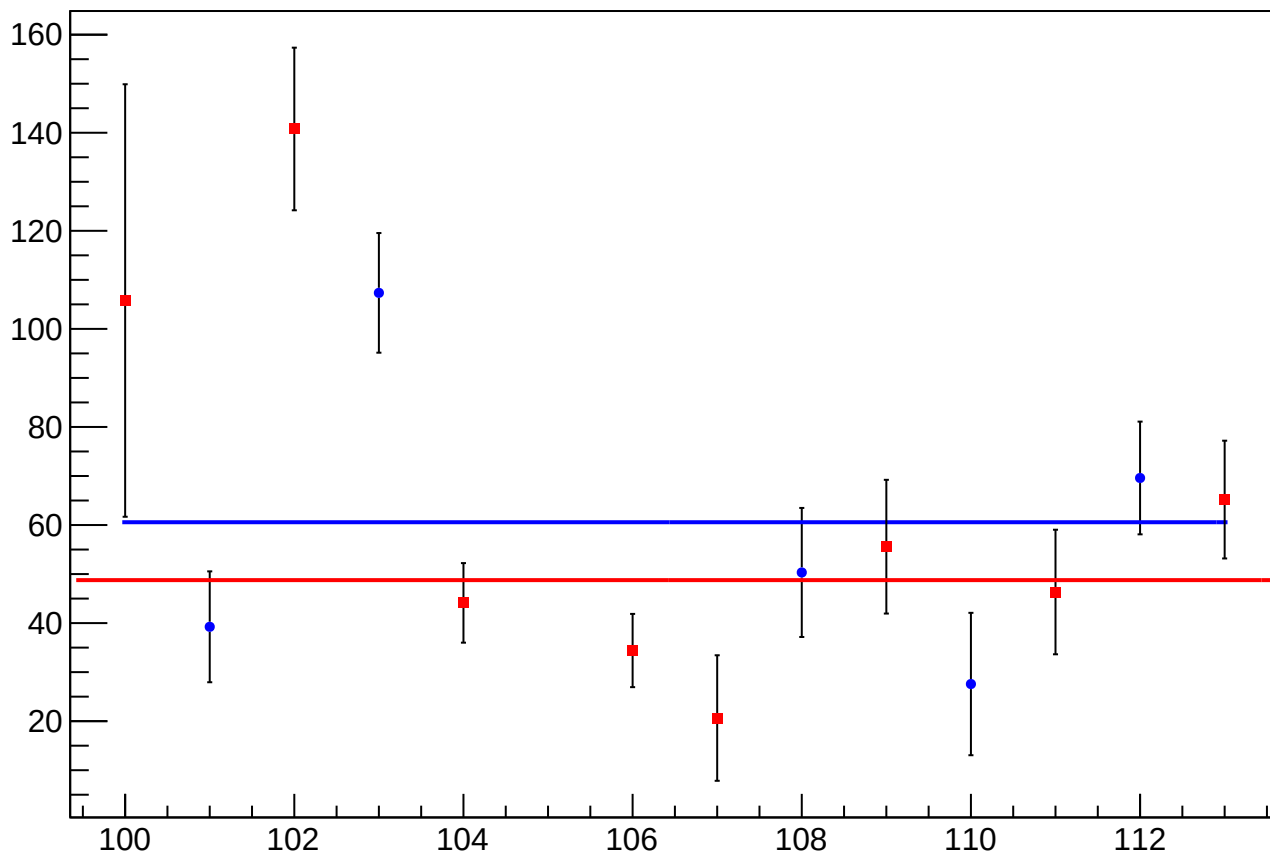
Right: -382.162+/-2.771 χ^2/NDF : 1850.7/12

In: -417.720+/-4.541 χ^2/NDF : 314.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -382.162+/-2.771 χ^2/NDF : 1850.7/12

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.571 $\pm$ 5.536 χ^2 /NDF: 24.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 48.764 $\pm$ 4.020 χ^2 /NDF: 43.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

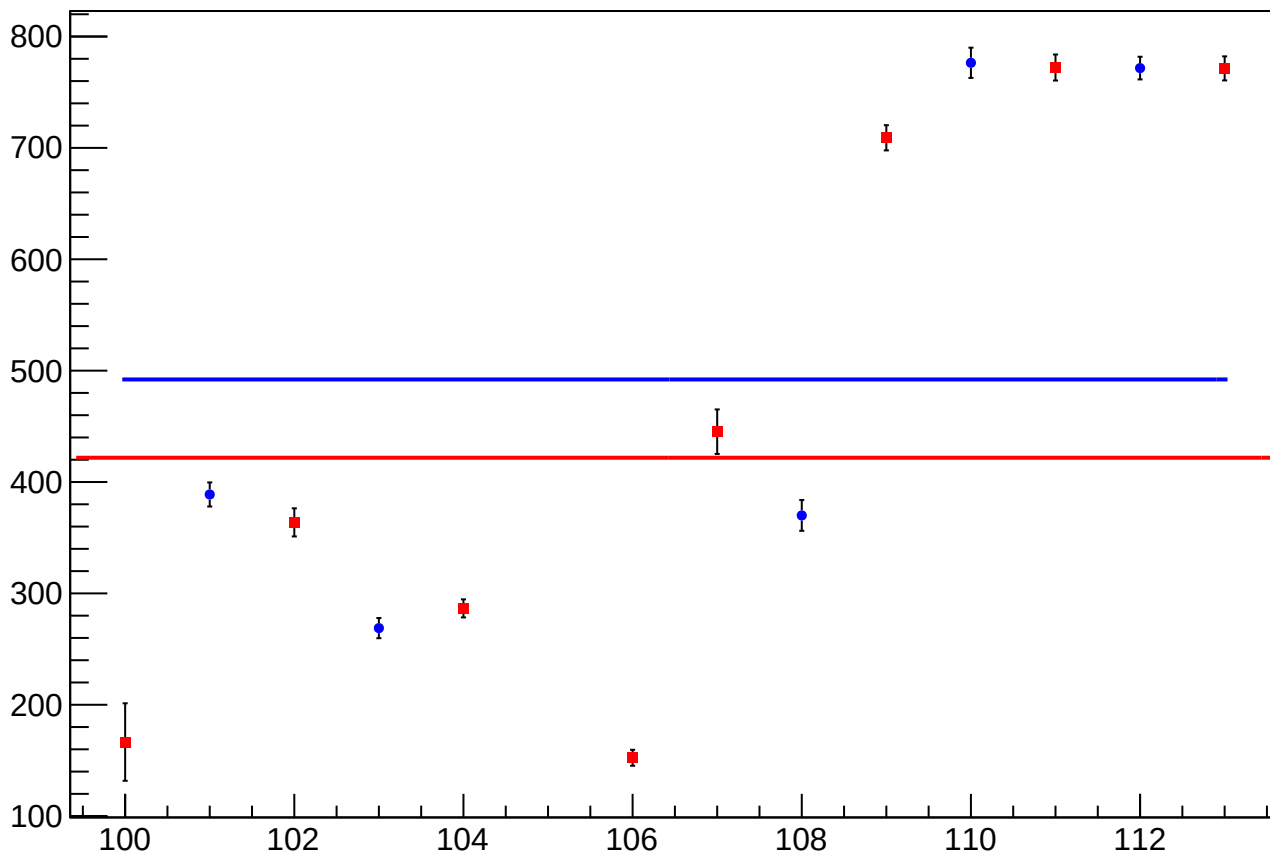
Right: 52.840 $\pm$ 3.253 χ^2 /NDF: 71.1/12

In: 60.571 $\pm$ 5.536 χ^2 /NDF:24.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 52.840 $\pm$ 3.253 χ^2 /NDF: 71.1/12

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: 421.812+/-3.836 χ^2/NDF : 4360.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

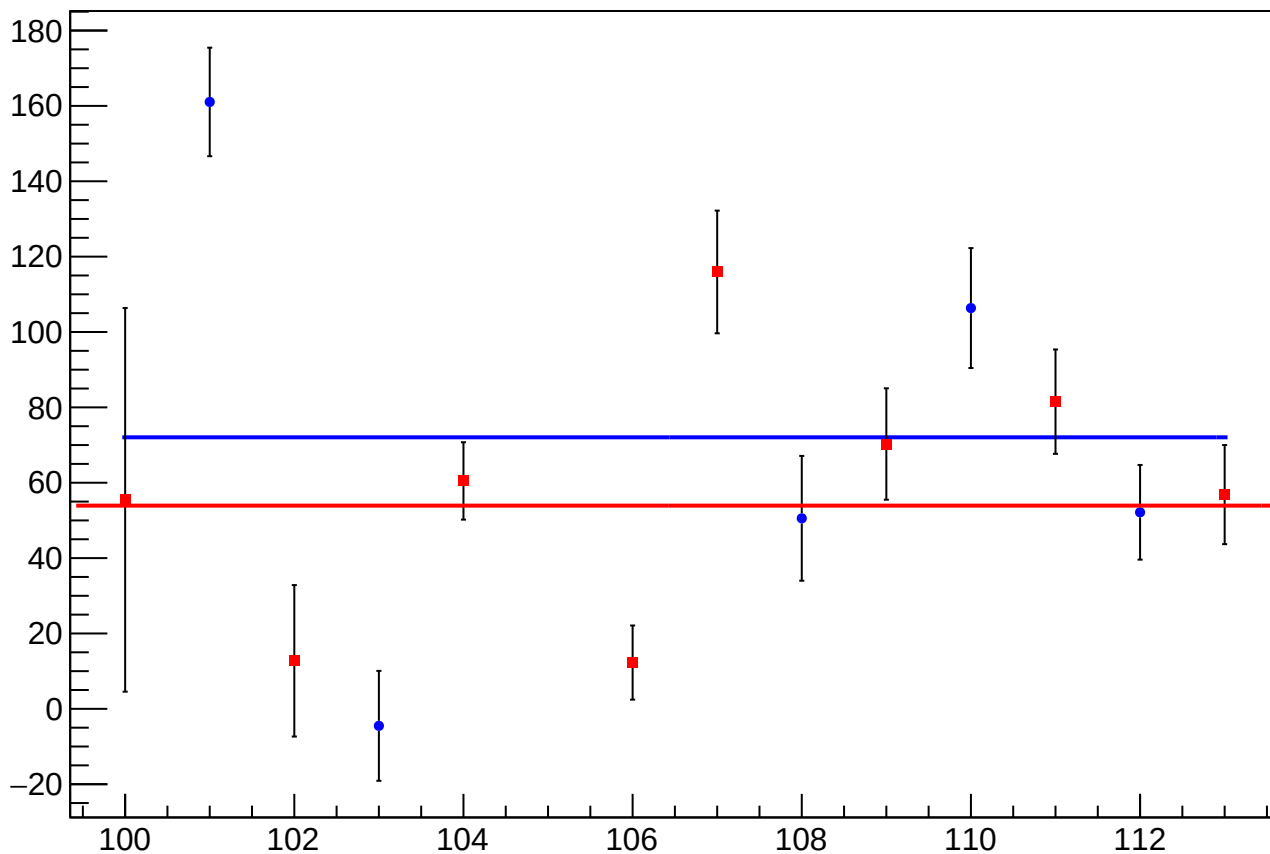
Right: 448.274+/-3.029 χ^2/NDF : 6456.2/12

In: 492.093+/-4.936 χ^2/NDF : 1969.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 448.274+/-3.029 χ^2/NDF : 6456.2/12

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: 53.926+/-4.878 χ^2/NDF : 42.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

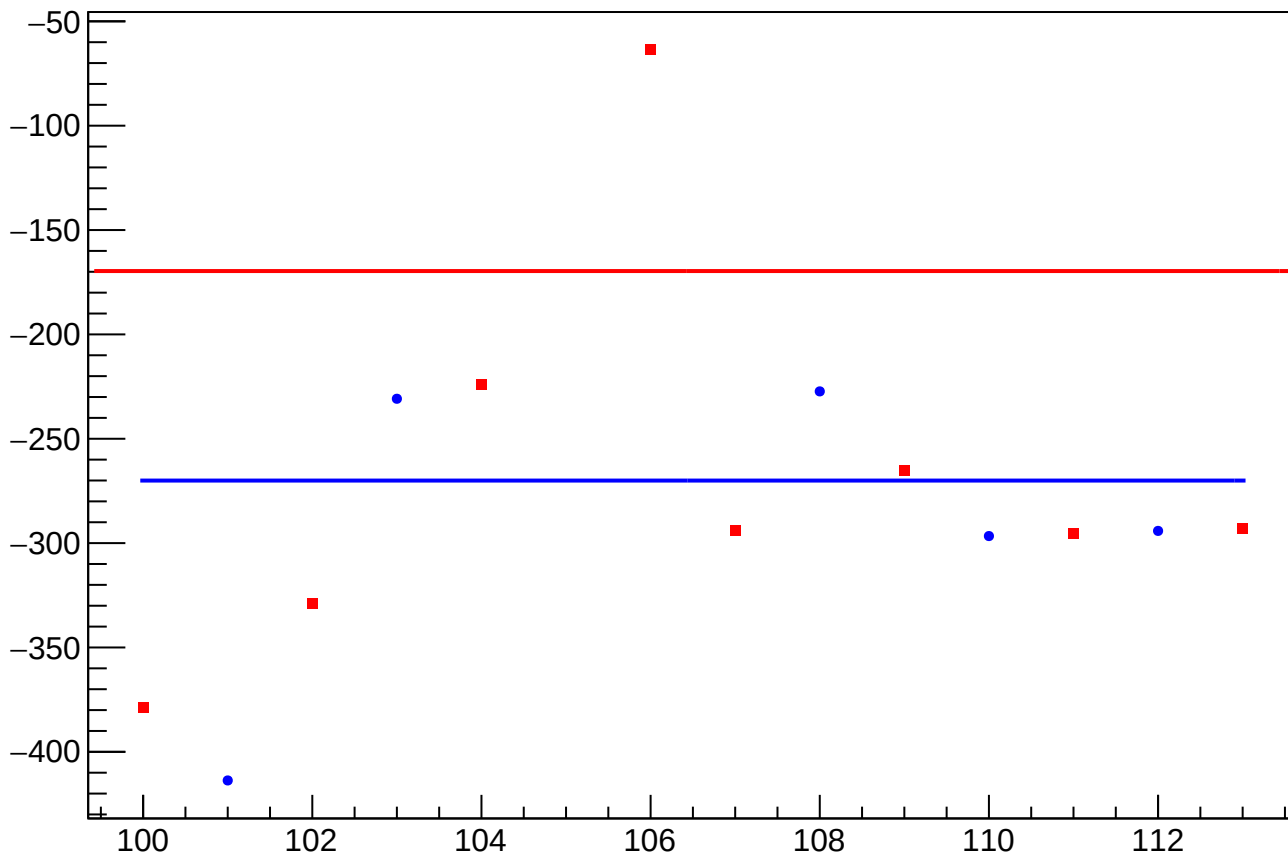
Right: 60.420+/-3.908 χ^2/NDF : 121.8/12

In: 72.056+/-6.530 χ^2/NDF : 74.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.420+/-3.908 χ^2/NDF : 121.8/12

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: -169.648+/-0.179 χ^2/NDF : 369206.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

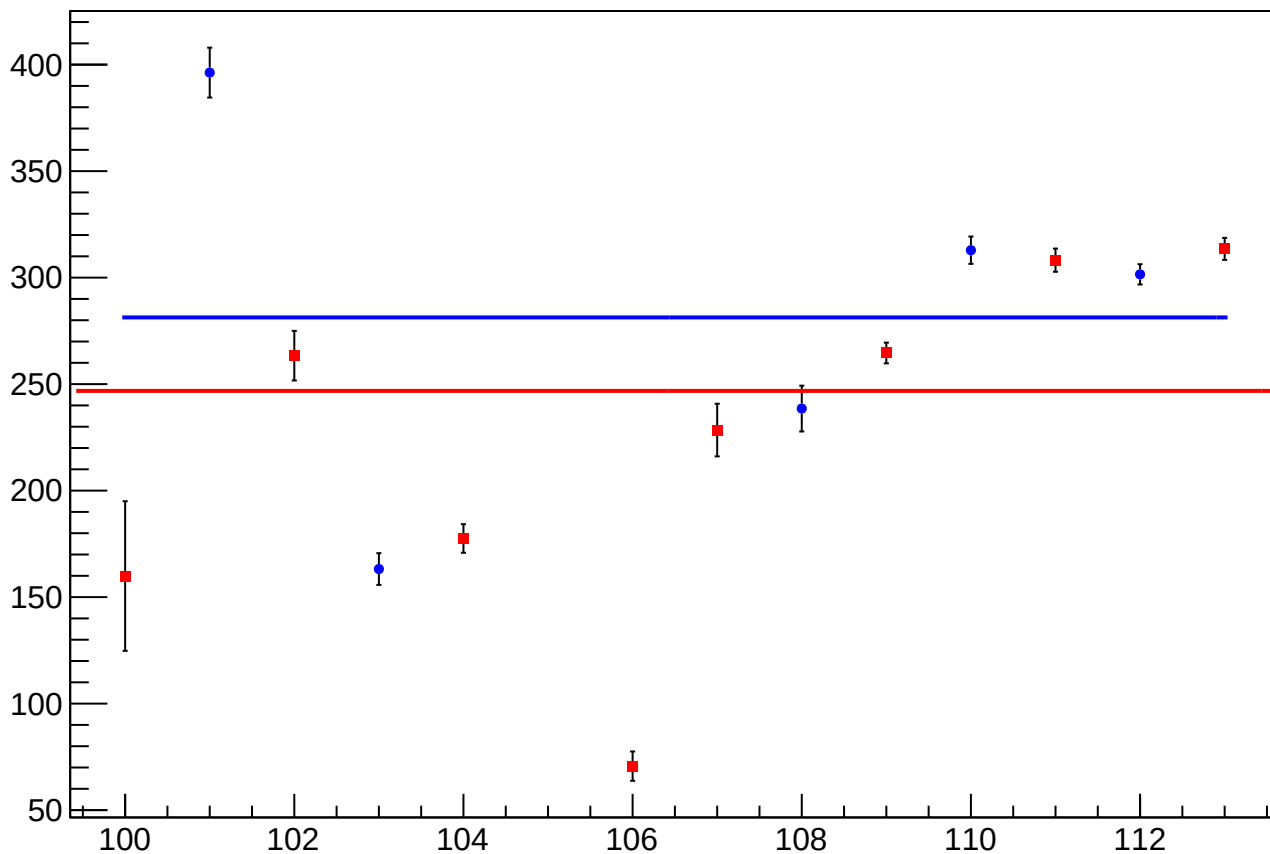
Right: -201.926+/-0.148 χ^2/NDF : 537525.6/12

In: -270.031+/-0.260 χ^2/NDF : 67282.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -201.926+/-0.148 χ^2/NDF : 537525.6/12

reg_asym_us_avg_at2lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 281.313+/-3.125 χ^2/NDF : 405.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 246.825+/-2.415 χ^2/NDF : 1078.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

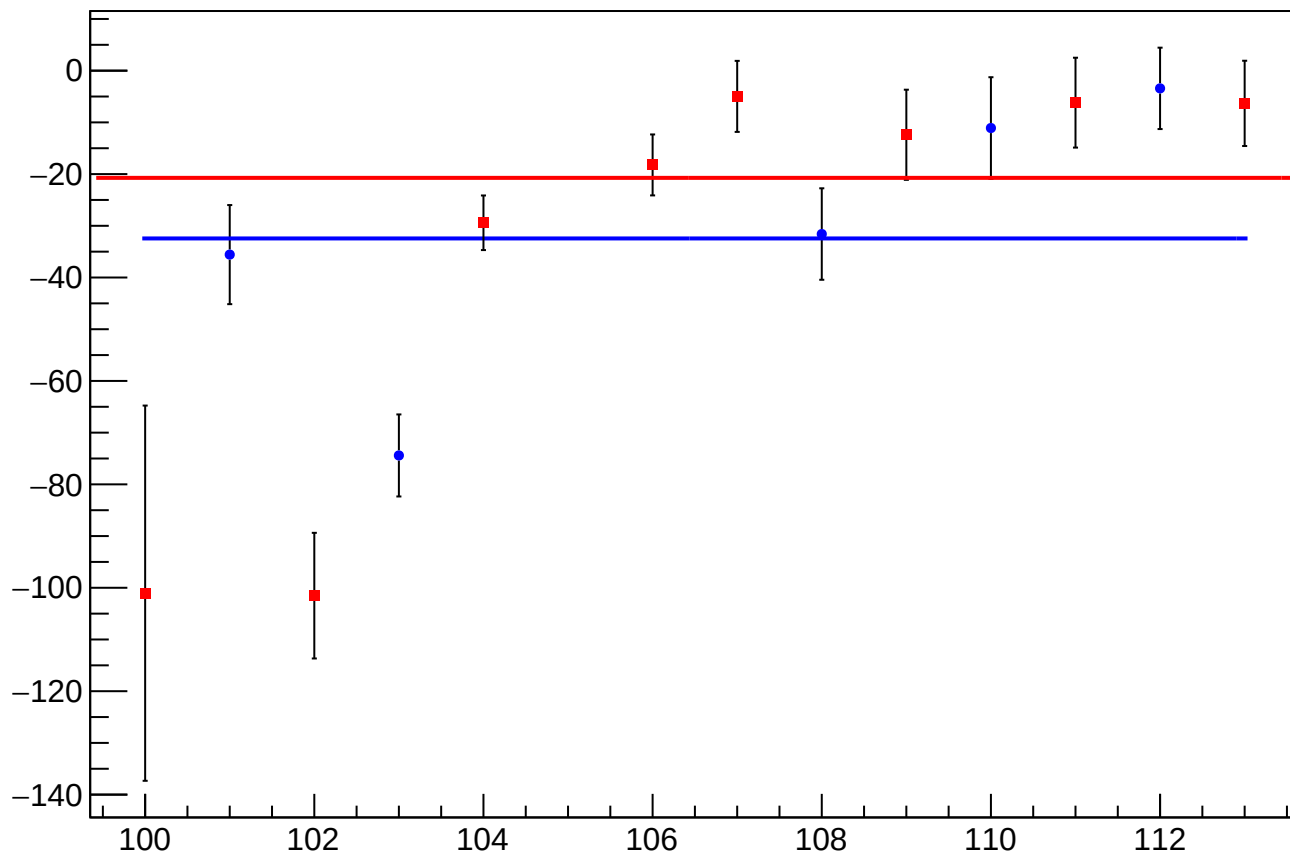
Right: 259.722+/-1.911 χ^2/NDF : 1560.3/12

In: 281.313+/-3.125 χ^2/NDF : 405.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 259.722+/-1.911 χ^2/NDF : 1560.3/12

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: -20.729+/-2.727 χ^2/NDF : 64.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

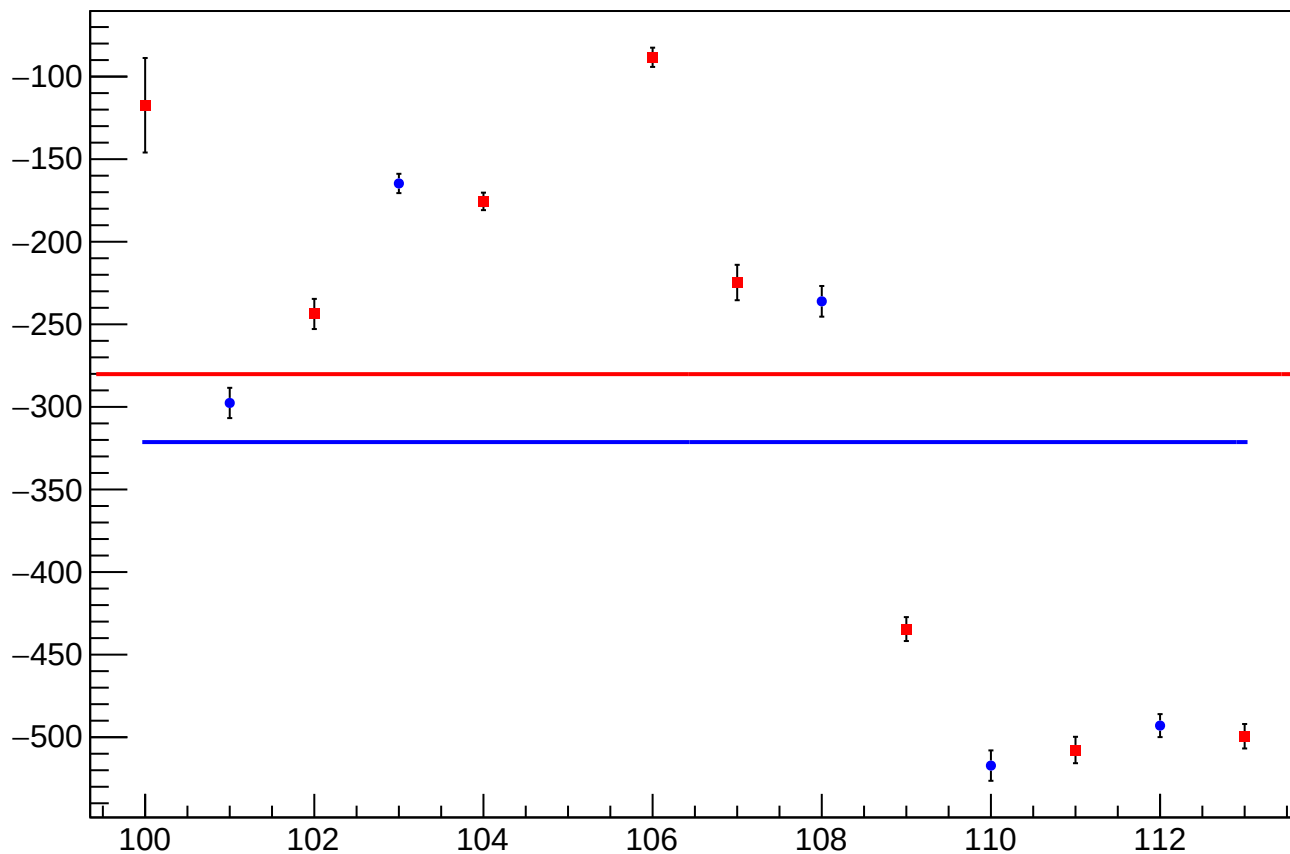
Right: -24.589+/-2.233 χ^2/NDF : 116.6/12

In: -32.445+/-3.890 χ^2/NDF : 46.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.589+/-2.233 χ^2/NDF : 116.6/12

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: -280.164+/-2.673 χ^2/NDF : 3690.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

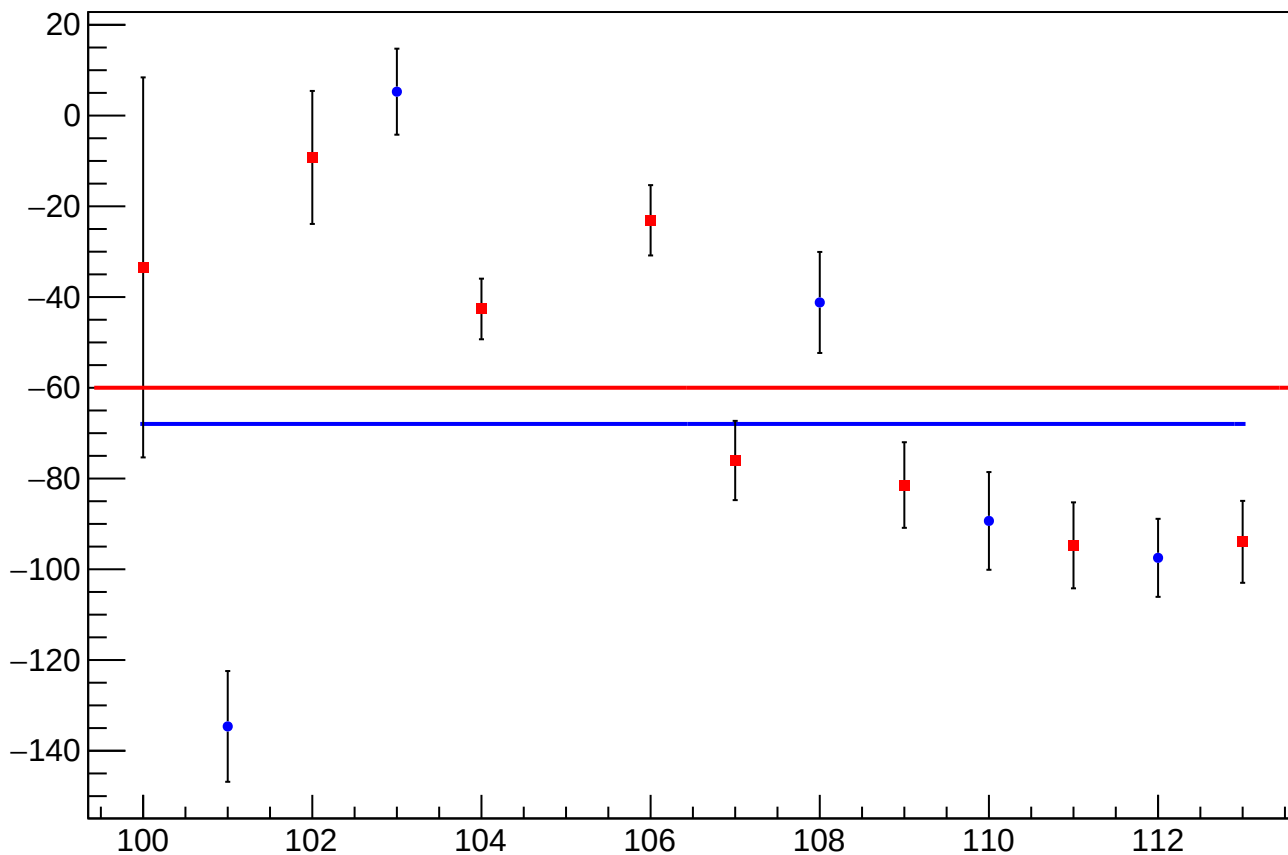
Right: -295.727+/-2.107 χ^2/NDF : 5649.0/12

In: -321.303+/-3.426 χ^2/NDF : 1869.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -295.727+/-2.107 χ^2/NDF : 5649.0/12

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: -59.987 $\pm$ 3.296 χ^2 /NDF: 78.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

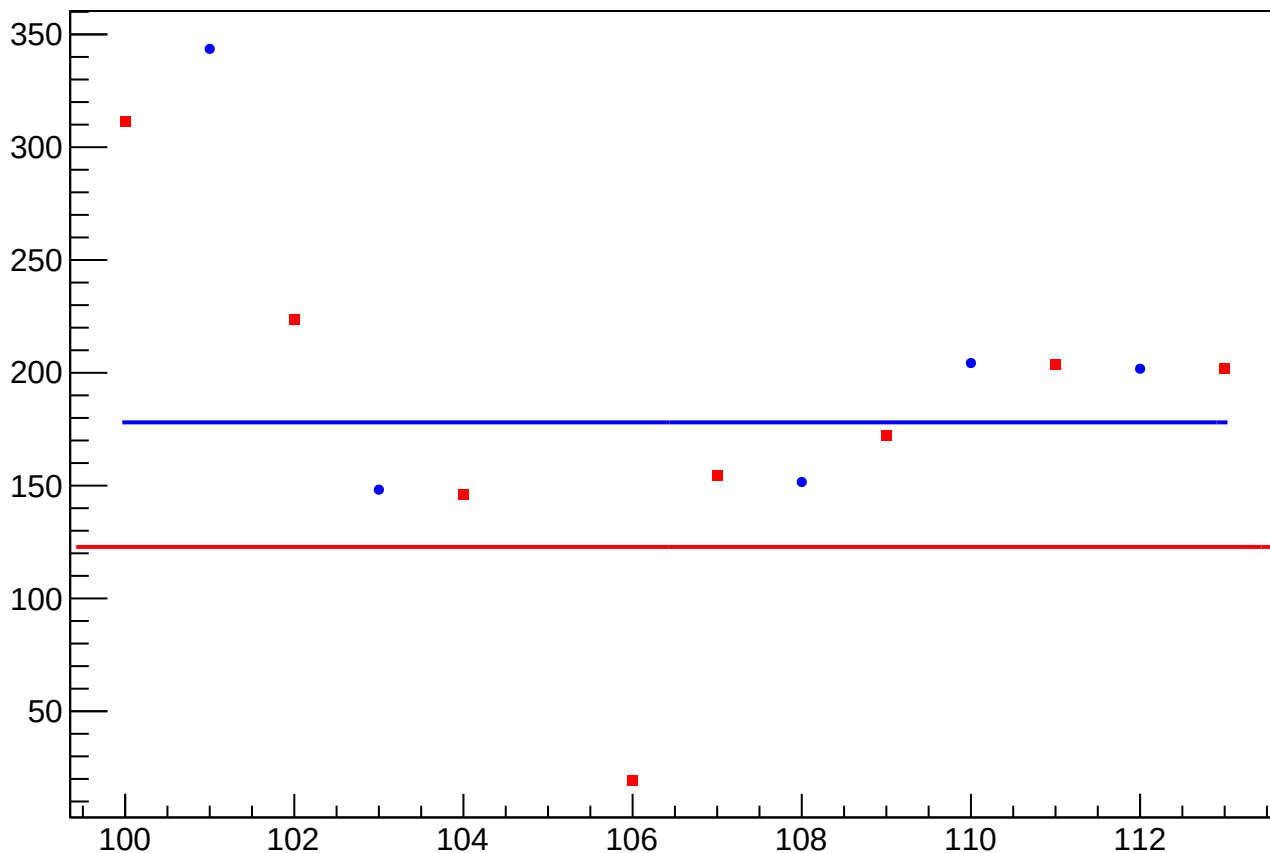
Right: -62.723 $\pm$ 2.672 χ^2 /NDF: 191.0/12

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: -62.723 $\pm$ 2.672 χ^2 /NDF: 191.0/12

reg_asym_us_avg_at2lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 178.035 $\pm$ 0.177 χ^2 /NDF: 114187.0/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 122.824 $\pm$ 0.134 χ^2 /NDF: 339870.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

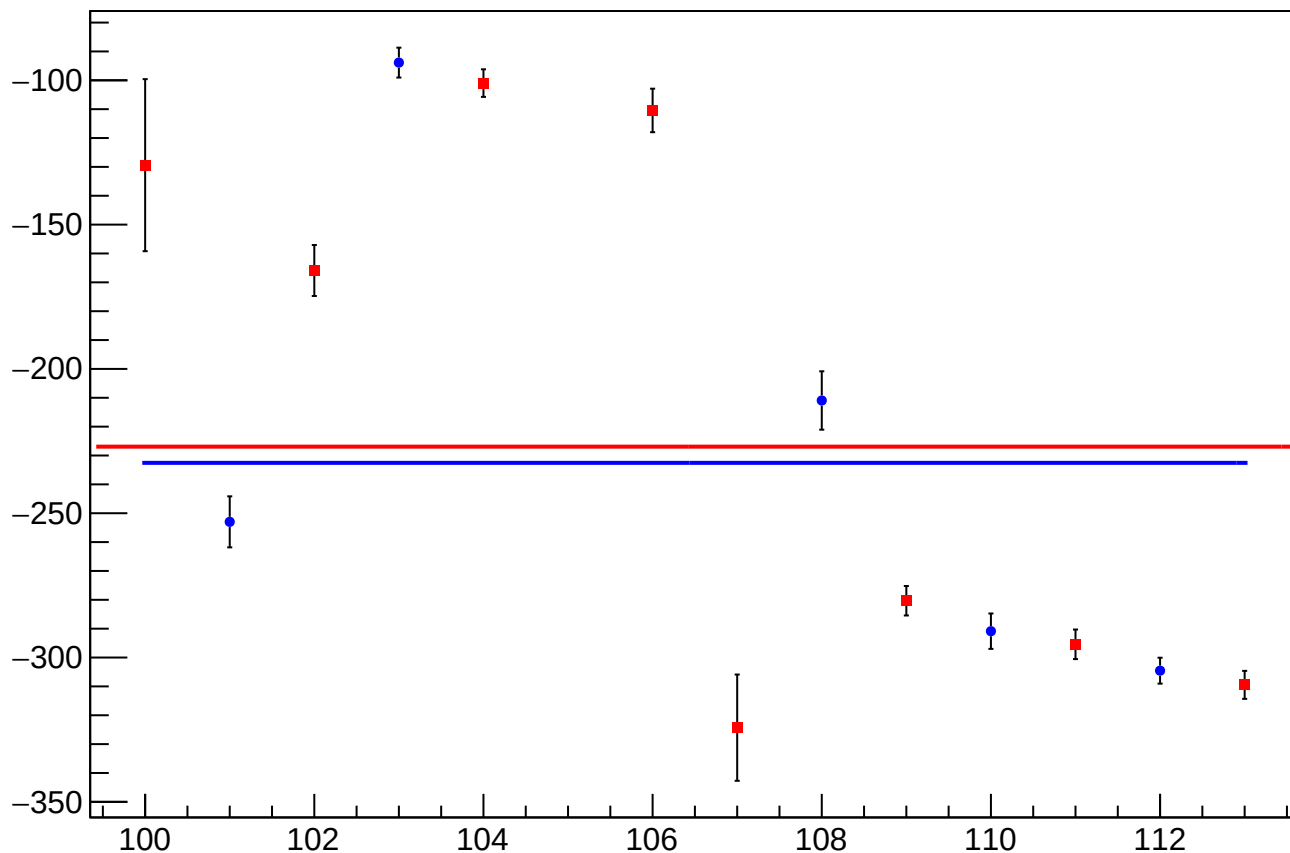
Right: 142.995 $\pm$ 0.107 χ^2 /NDF: 515804.9/12

In: 178.035 $\pm$ 0.177 χ^2 /NDF:114187.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 142.995 $\pm$ 0.107 χ^2 /NDF: 515804.9/12

reg_asym_us_avg_atlr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -232.544+/-2.710 χ^2/NDF : 1075.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -226.928+/-2.251 χ^2/NDF : 1598.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

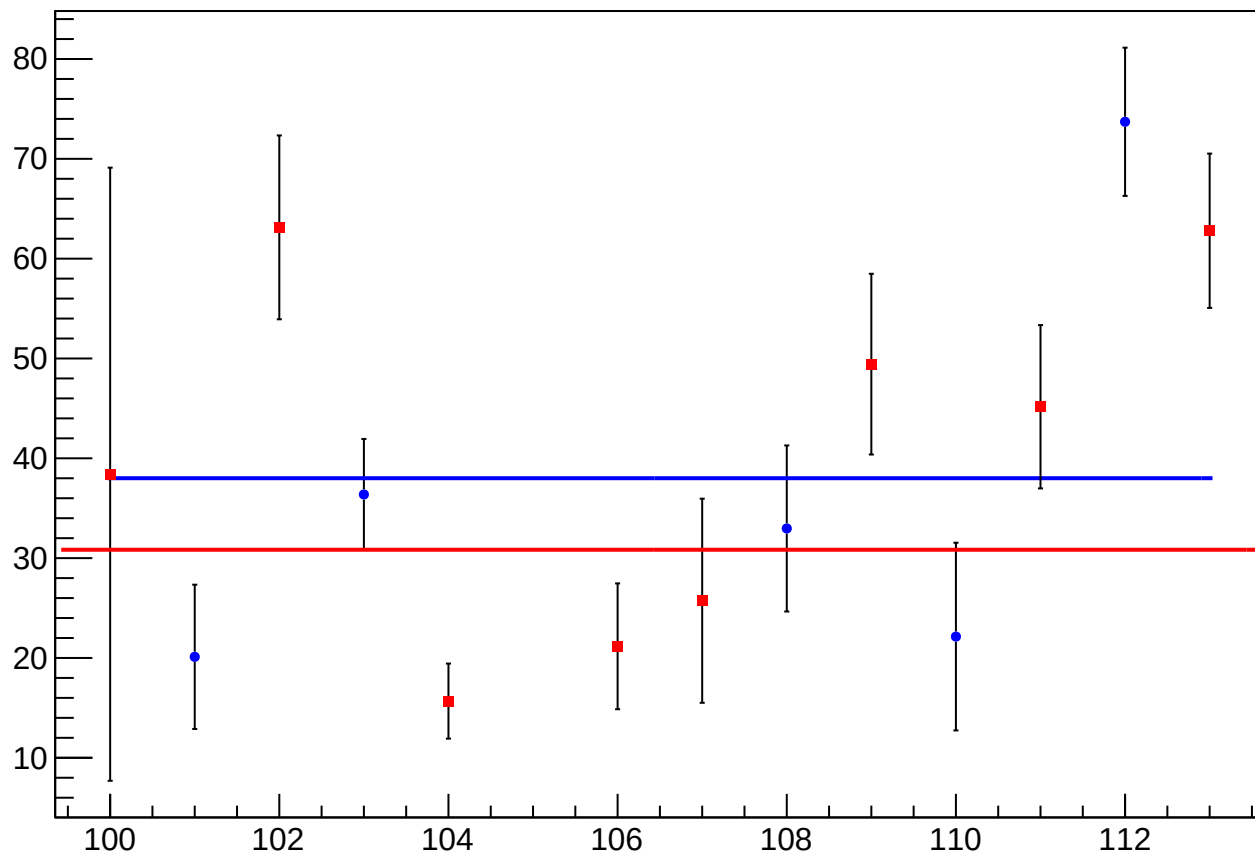
Right: -229.220+/-1.732 χ^2/NDF : 2676.4/12

In: -232.544+/-2.710 χ^2/NDF : 1075.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -229.220+/-1.732 χ^2/NDF : 2676.4/12

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: 30.840+/-2.483 χ^2/NDF : 55.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

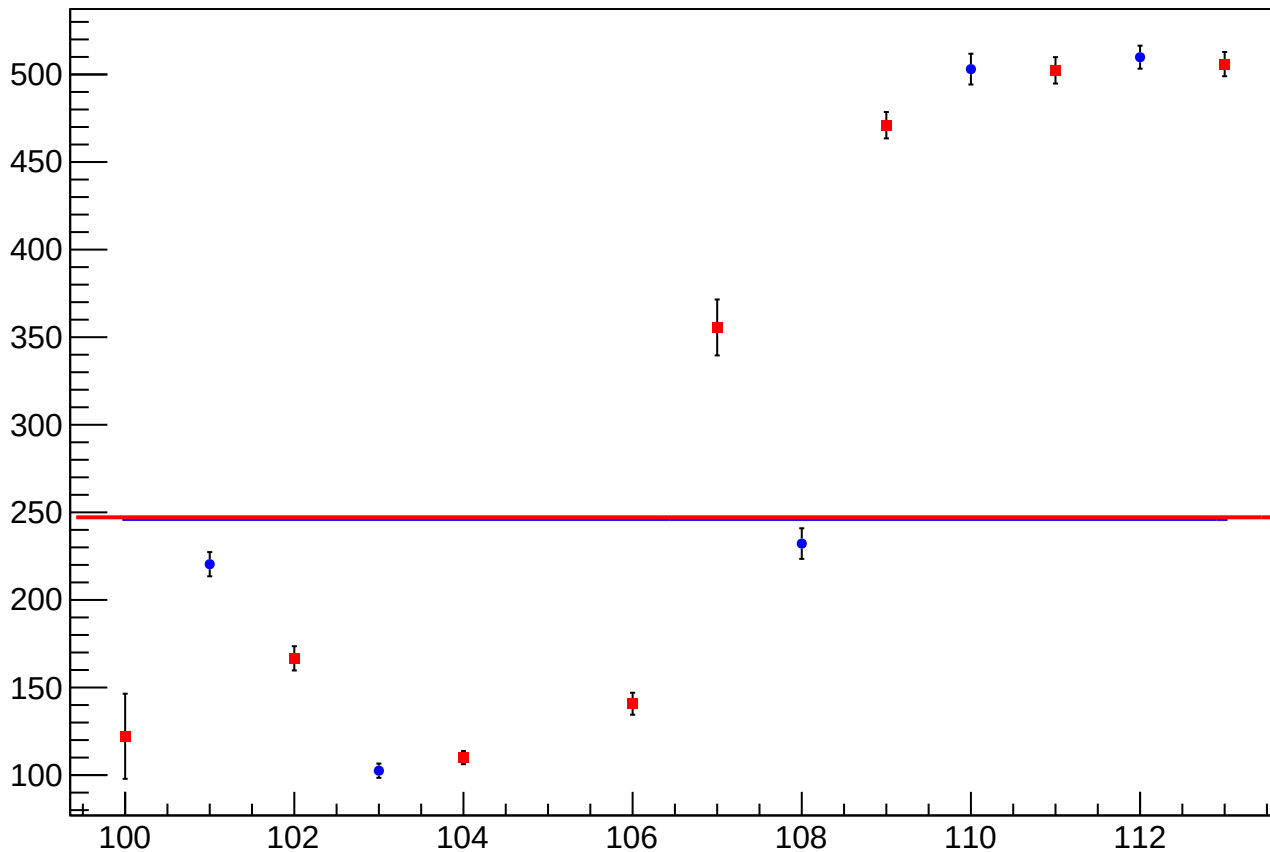
Right: 33.494+/-1.970 χ^2/NDF : 91.2/12

In: 38.007+/-3.238 χ^2/NDF : 32.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.494+/-1.970 χ^2/NDF : 91.2/12

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: 247.173+/-2.368 χ^2/NDF : 5242.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

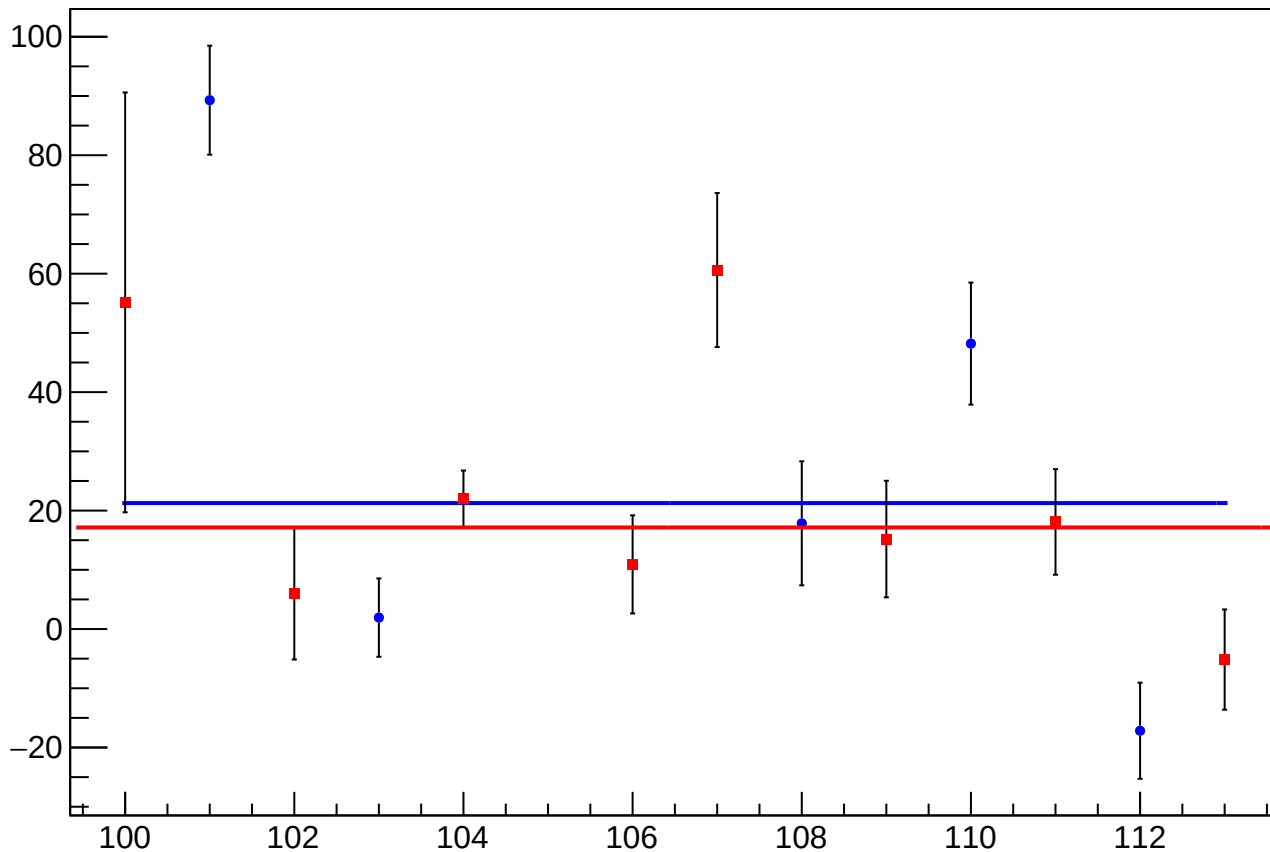
Right: 246.790+/-1.799 χ^2/NDF : 8971.4/12

In: 246.269+/-2.767 χ^2/NDF : 3728.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 246.790+/-1.799 χ^2/NDF : 8971.4/12

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 21.270 $\pm$ 3.824 χ^2 /NDF: 92.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.153 $\pm$ 3.010 χ^2 /NDF: 21.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

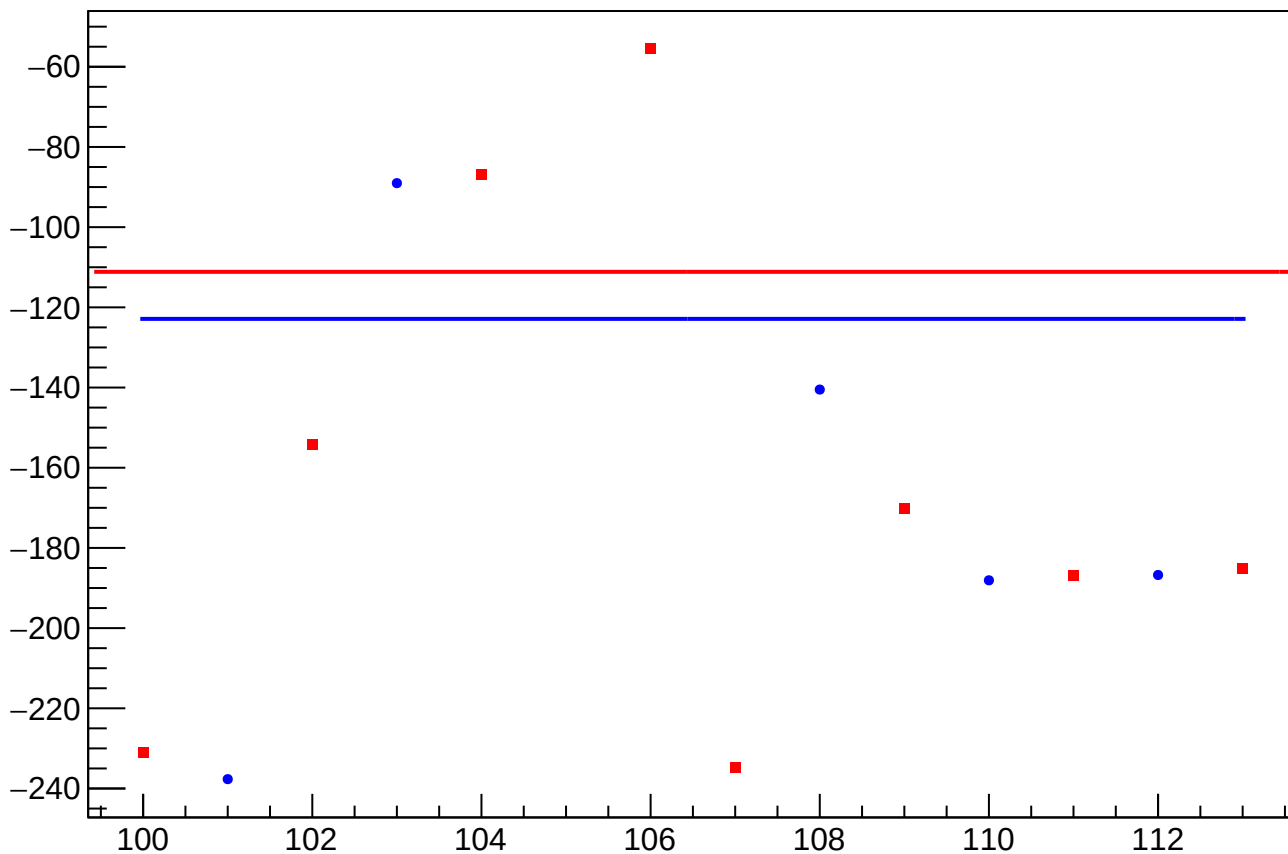
Right: 18.728 $\pm$ 2.365 χ^2 /NDF: 115.2/12

In: 21.270 $\pm$ 3.824 χ^2 /NDF: 92.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.728 $\pm$ 2.365 χ^2 /NDF: 115.2/12

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: -111.141+/-0.120 χ^2/NDF : 179703.4/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

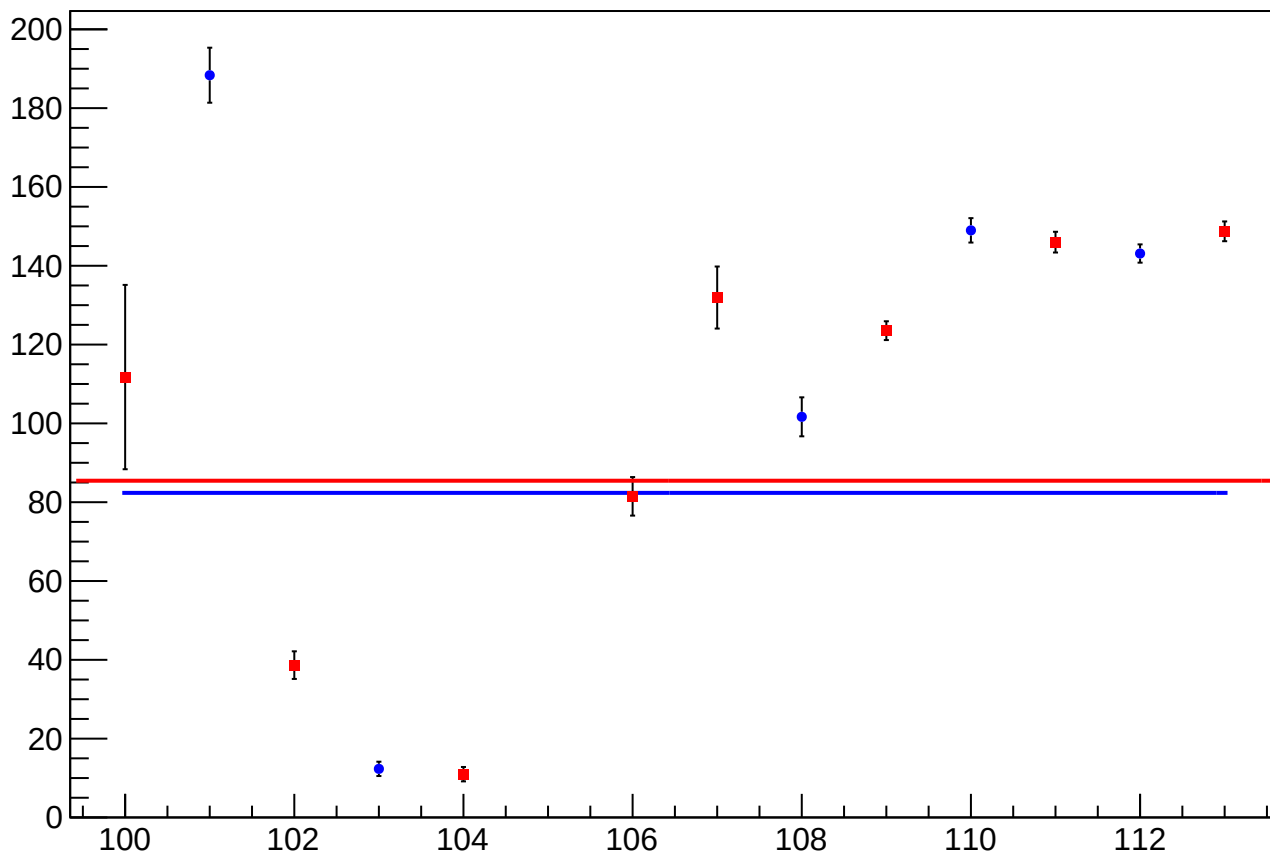
Right: -116.259+/-0.090 χ^2/NDF : 327189.3/12

In: -122.876+/-0.136 χ^2/NDF :143284.6/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -116.259+/-0.090 χ^2/NDF : 327189.3/12

reg_asym_us_avg_atlr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 82.367+/-1.236 χ^2/NDF : 2879.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.451+/-1.043 χ^2/NDF : 3296.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

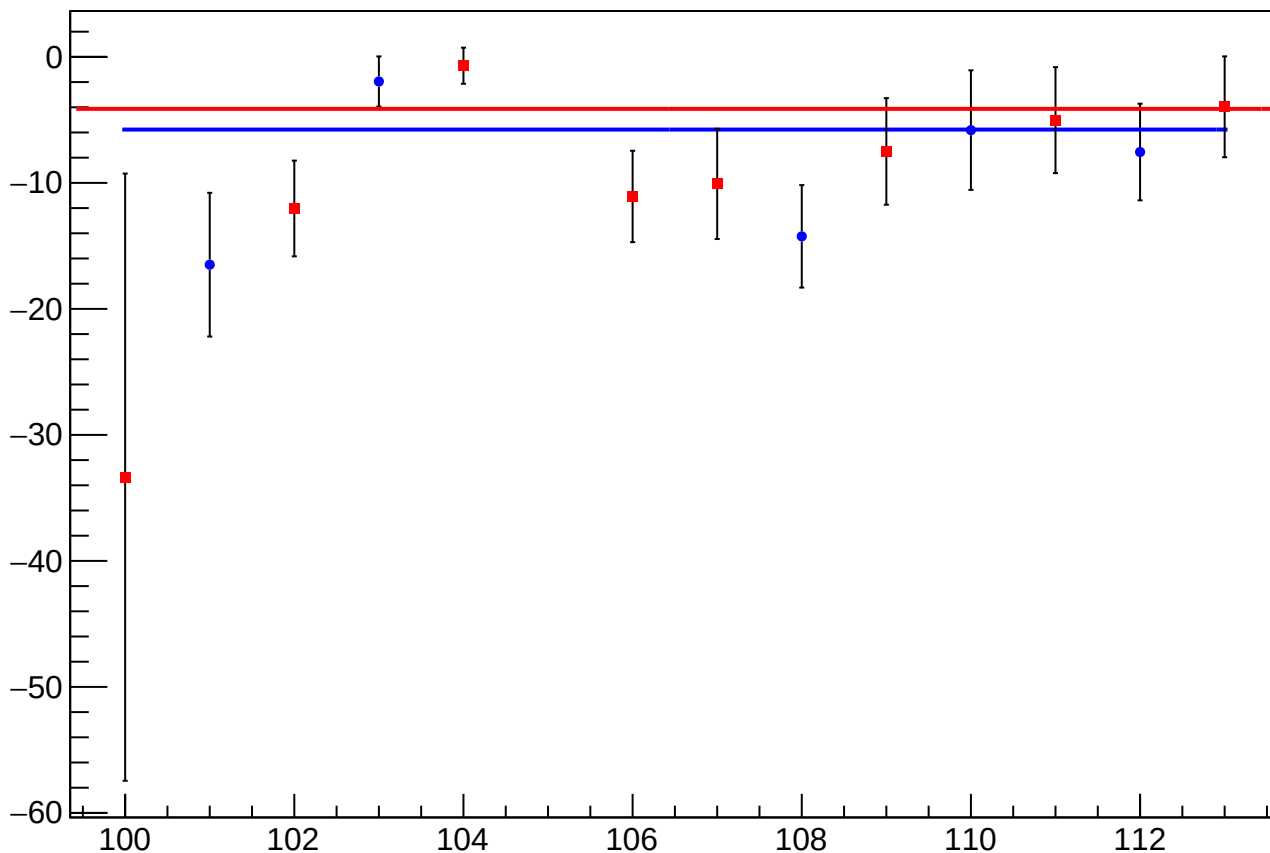
Right: 84.169+/-0.797 χ^2/NDF : 6180.0/12

In: 82.367+/-1.236 χ^2/NDF : 2879.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.169+/-0.797 χ^2/NDF : 6180.0/12

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: -4.126+/-1.077 χ^2/NDF : 17.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

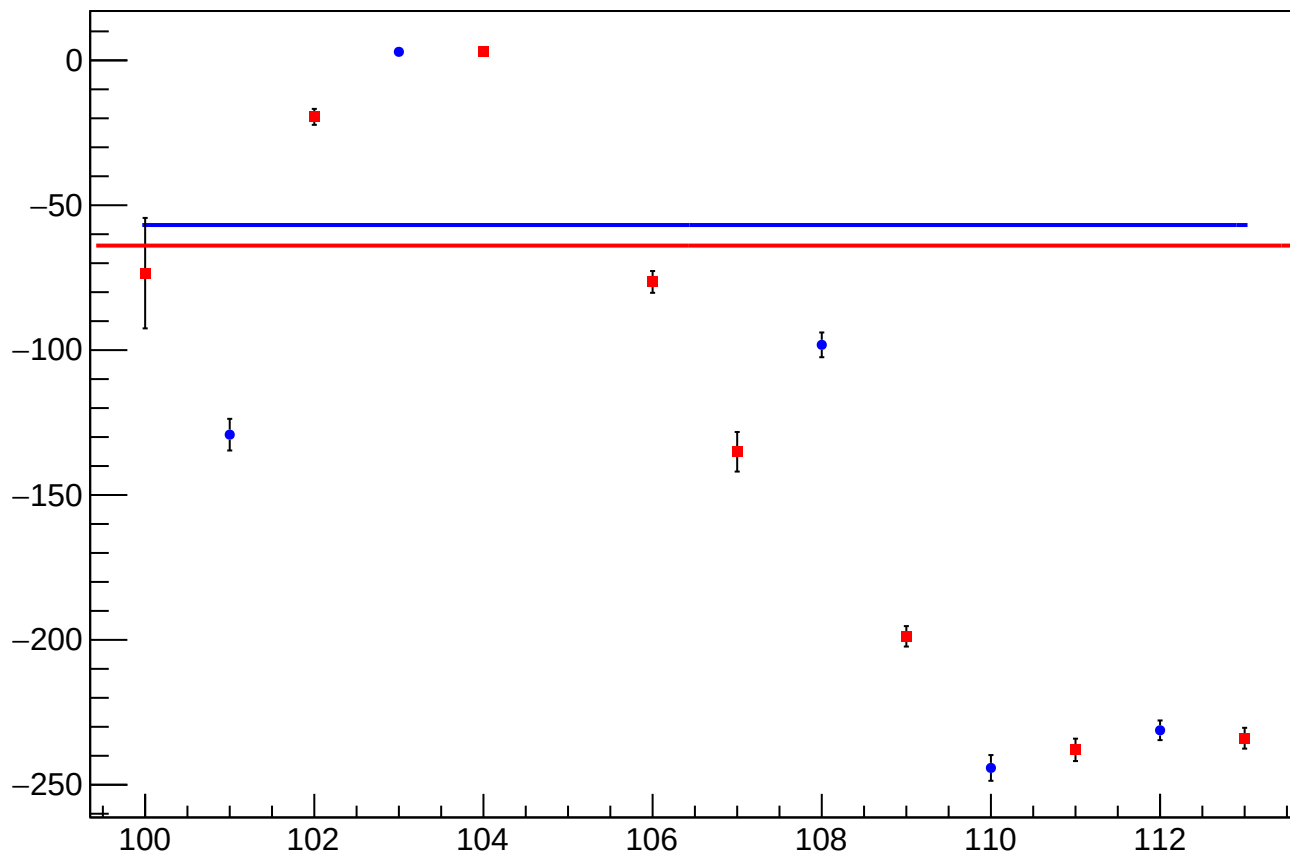
Right: -4.695+/-0.871 χ^2/NDF : 30.3/12

In: -5.769+/-1.480 χ^2/NDF : 11.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.695+/-0.871 χ^2/NDF : 30.3/12

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.830+/-1.182 χ^2/NDF : 6439.9/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -63.926+/-1.035 χ^2/NDF : 8255.2/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

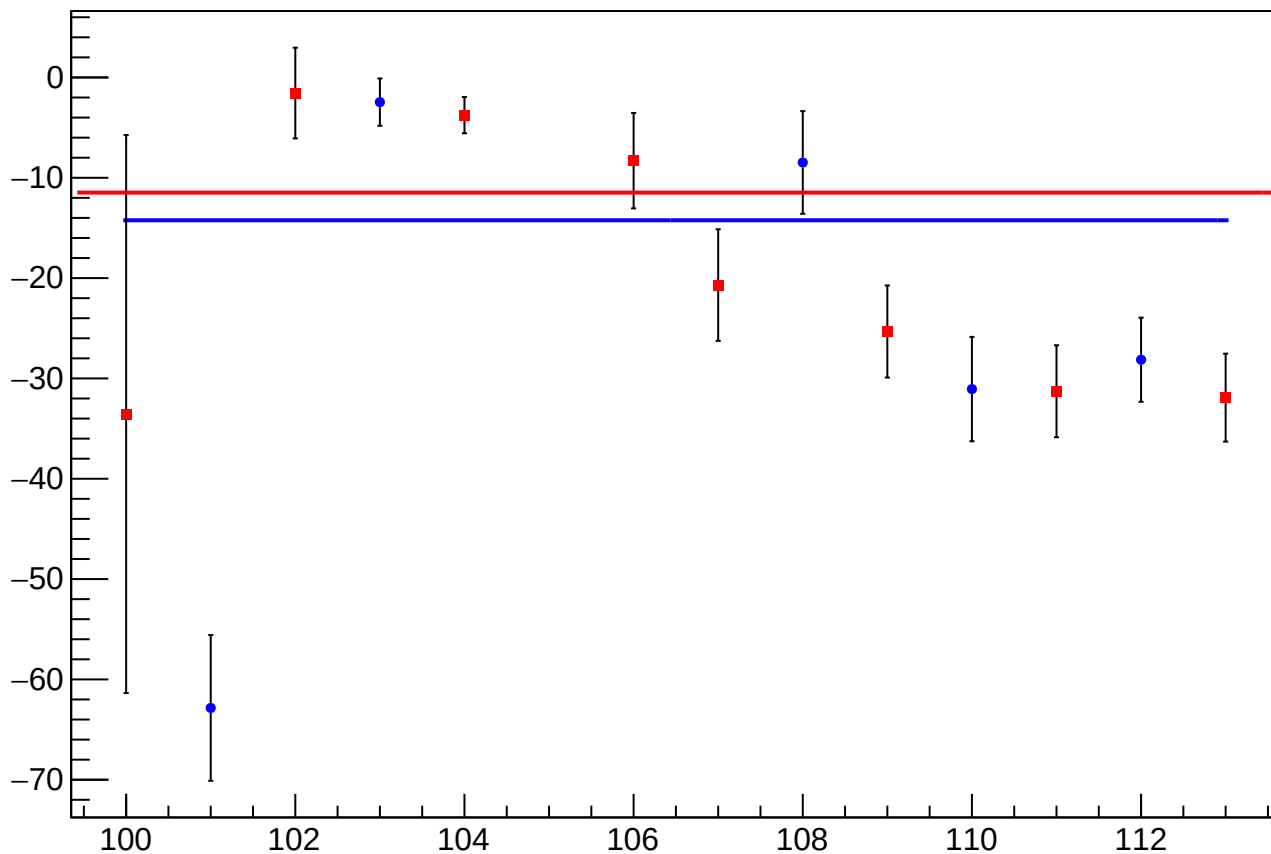
Right: -60.844+/-0.779 χ^2/NDF : 14715.5/12

In: -56.830+/-1.182 χ^2/NDF :6439.9/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -60.844+/-0.779 χ^2/NDF : 14715.5/12

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -14.238+/-1.739 χ^2/NDF : 92.4/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.472+/-1.312 χ^2/NDF : 76.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

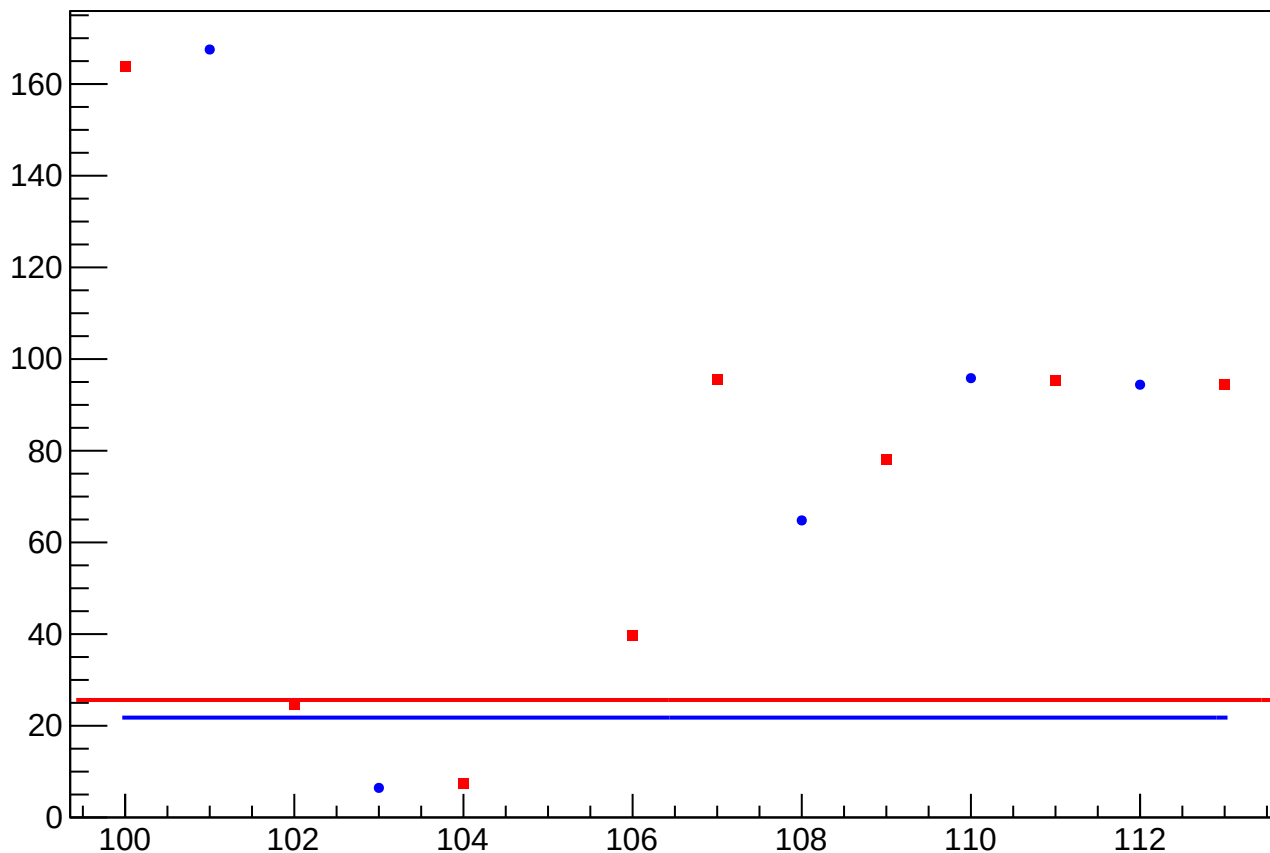
Right: -12.476+/-1.048 χ^2/NDF : 170.5/12

In: -14.238+/-1.739 χ^2/NDF : 92.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.476+/-1.048 χ^2/NDF : 170.5/12

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: 25.627+/-0.052 χ^2/NDF : 323198.6/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

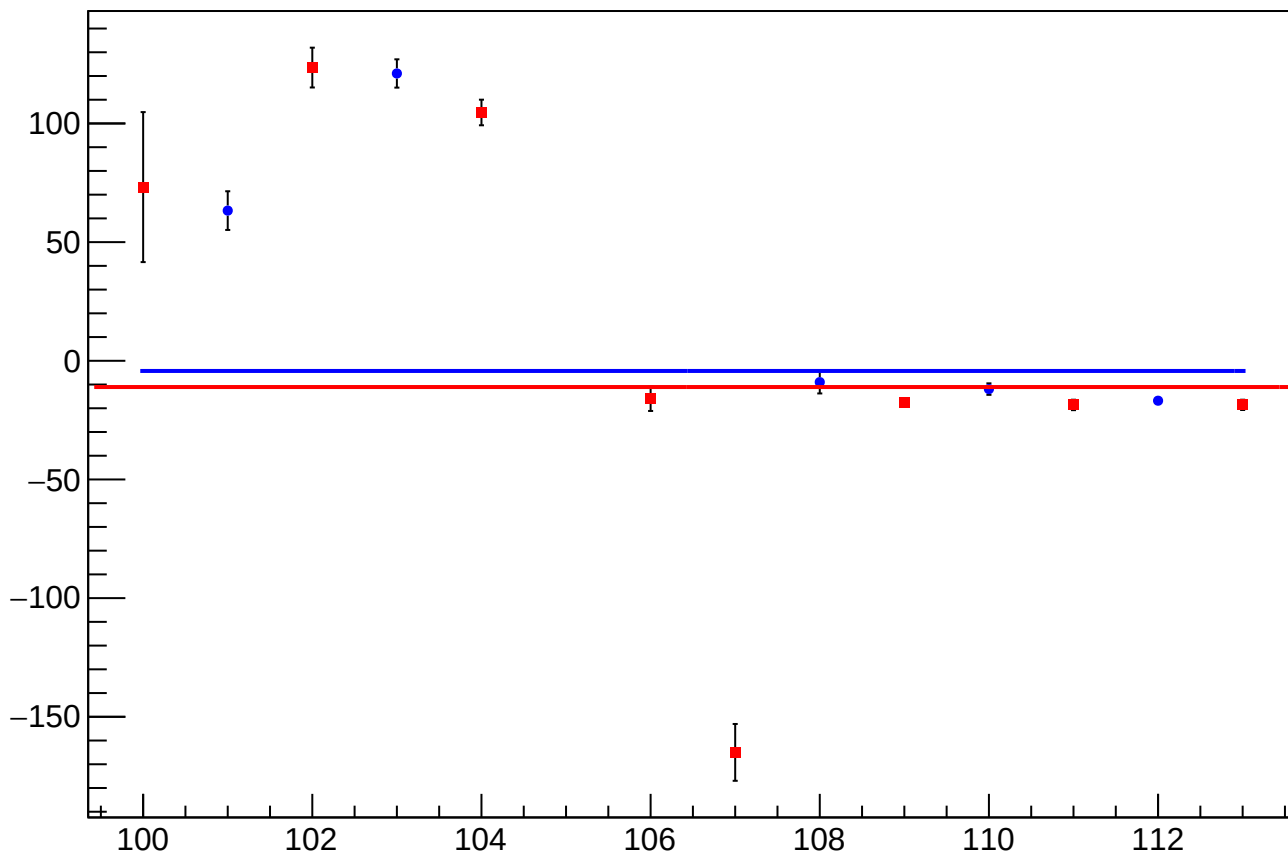
Right: 23.766+/-0.037 χ^2/NDF : 769190.9/12

In: 21.783+/-0.054 χ^2/NDF :443342.0/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.766+/-0.037 χ^2/NDF : 769190.9/12

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: -11.054+/-1.157 χ^2/NDF : 924.9/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

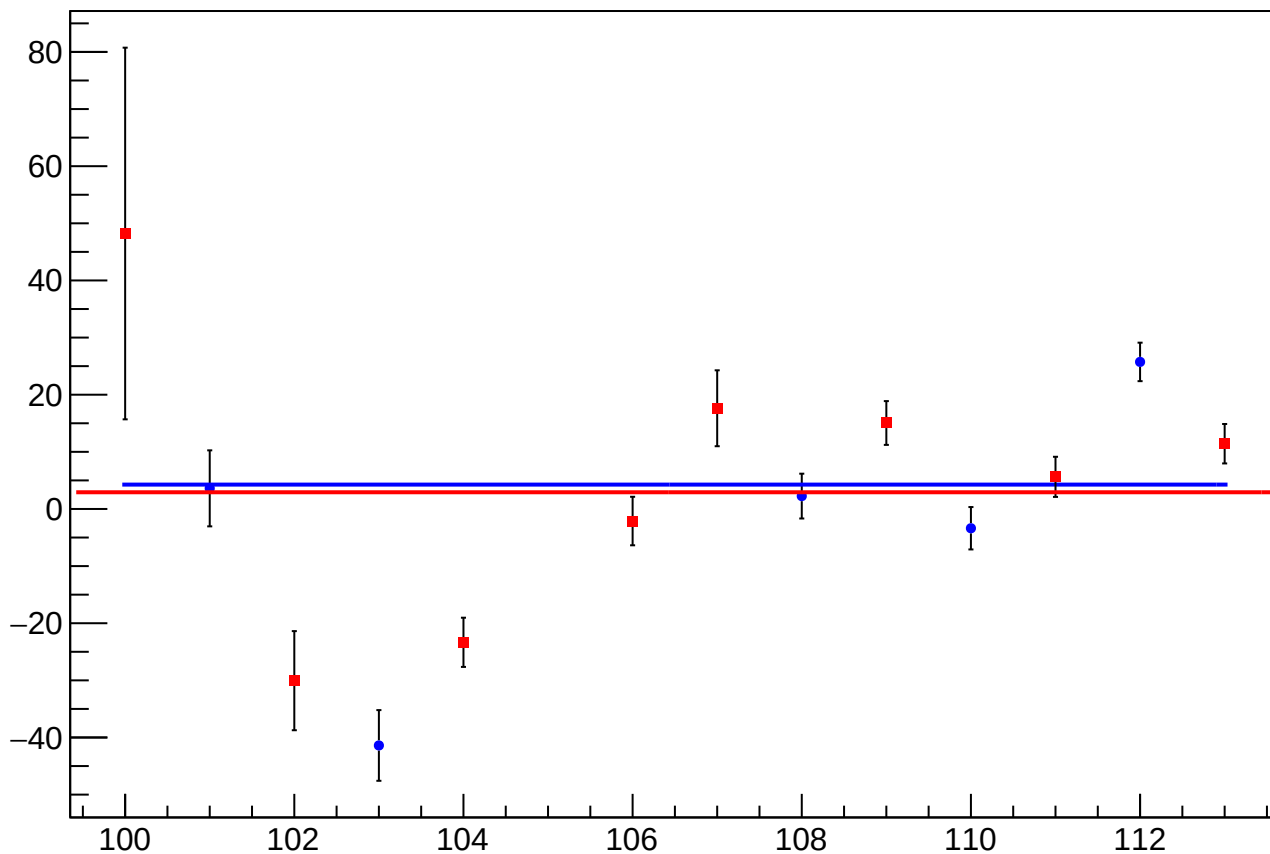
Right: -8.340+/-0.896 χ^2/NDF : 1498.0/12

In: -4.280+/-1.415 χ^2/NDF :559.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -8.340+/-0.896 χ^2/NDF : 1498.0/12

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: 2.924+/-1.624 χ^2/NDF : 76.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

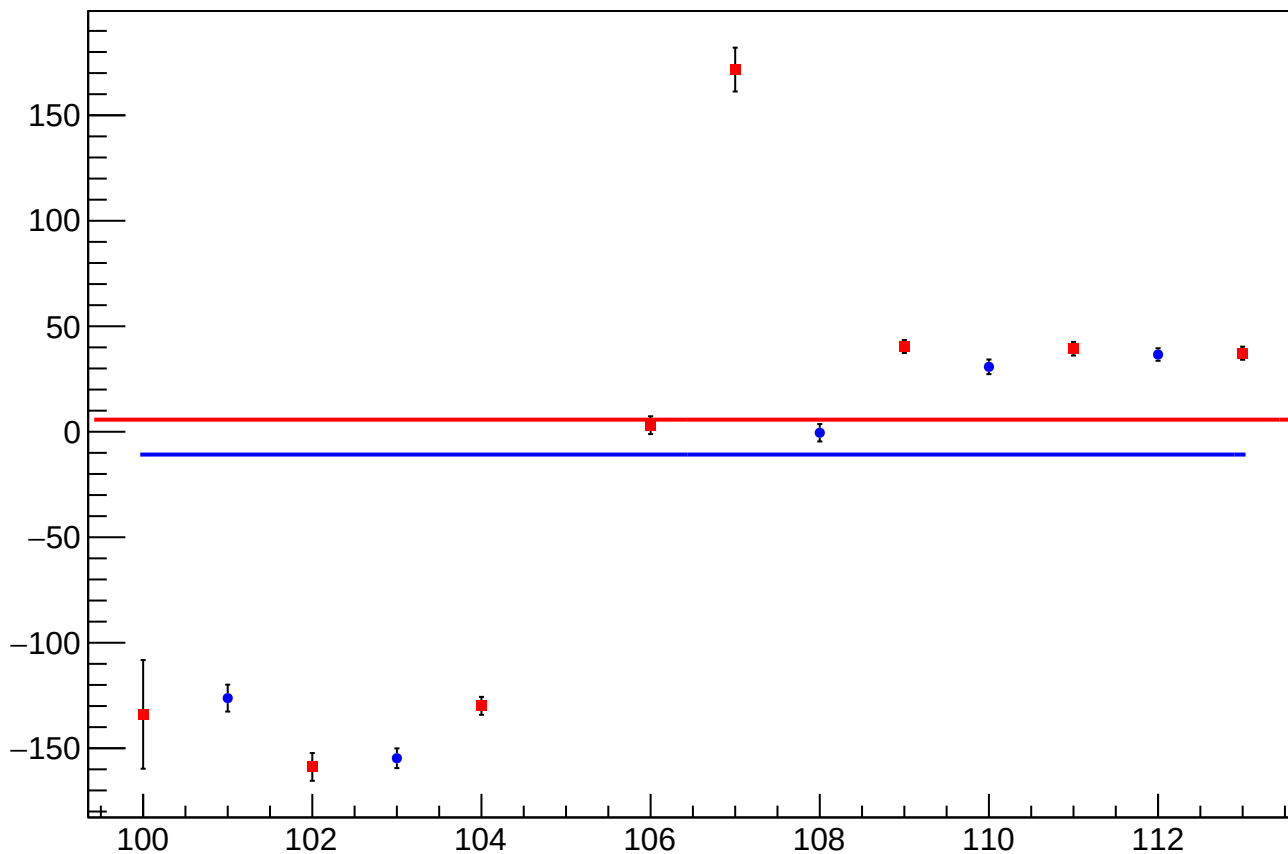
Right: 3.487+/-1.237 χ^2/NDF : 176.5/12

In: 4.266+/-1.909 χ^2/NDF : 99.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.487+/-1.237 χ^2/NDF : 176.5/12

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: 5.737 $\pm$ 1.492 χ^2 /NDF: 2264.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

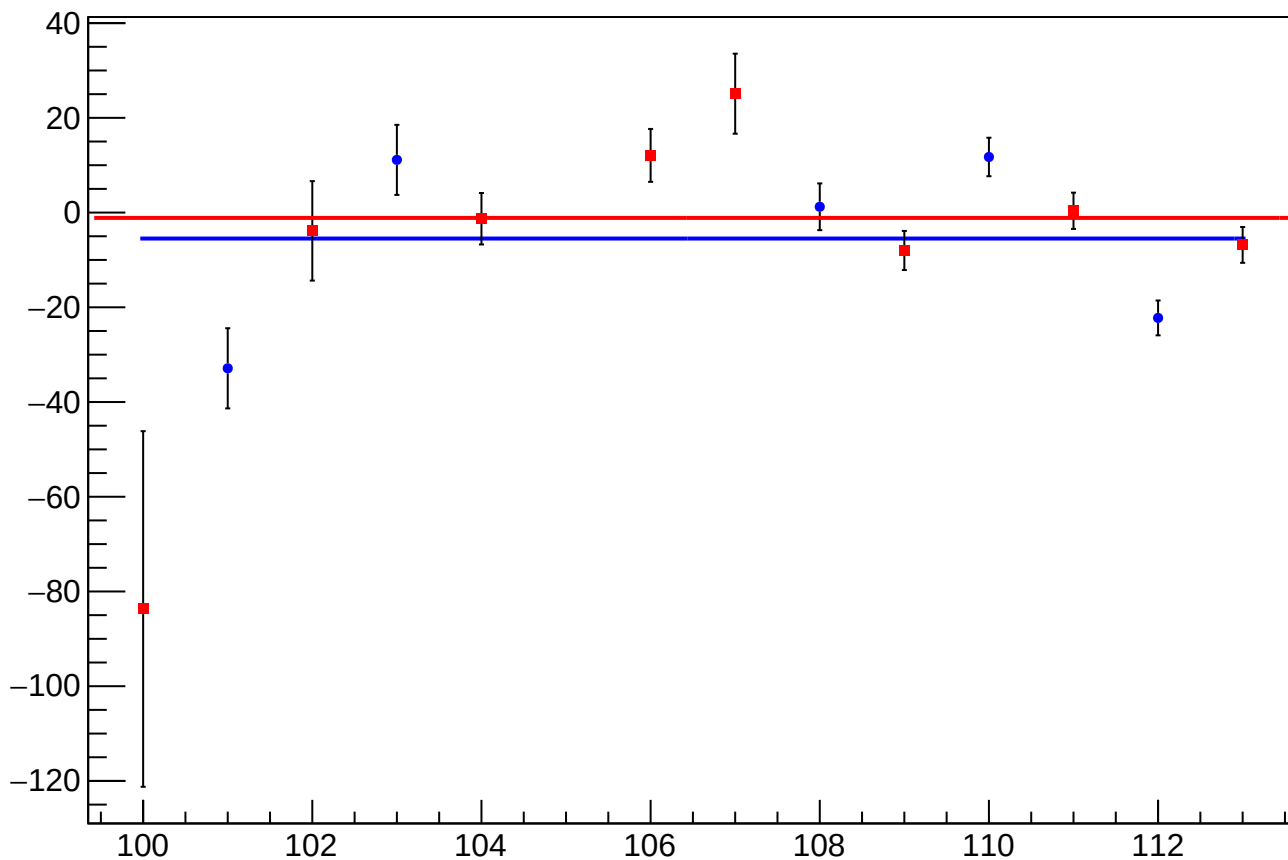
Right: -1.207 $\pm$ 1.136 χ^2 /NDF: 3994.2/12

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: -1.207 $\pm$ 1.136 χ^2 /NDF: 3994.2/12

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: -1.123+/-1.868 χ^2/NDF : 25.3/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

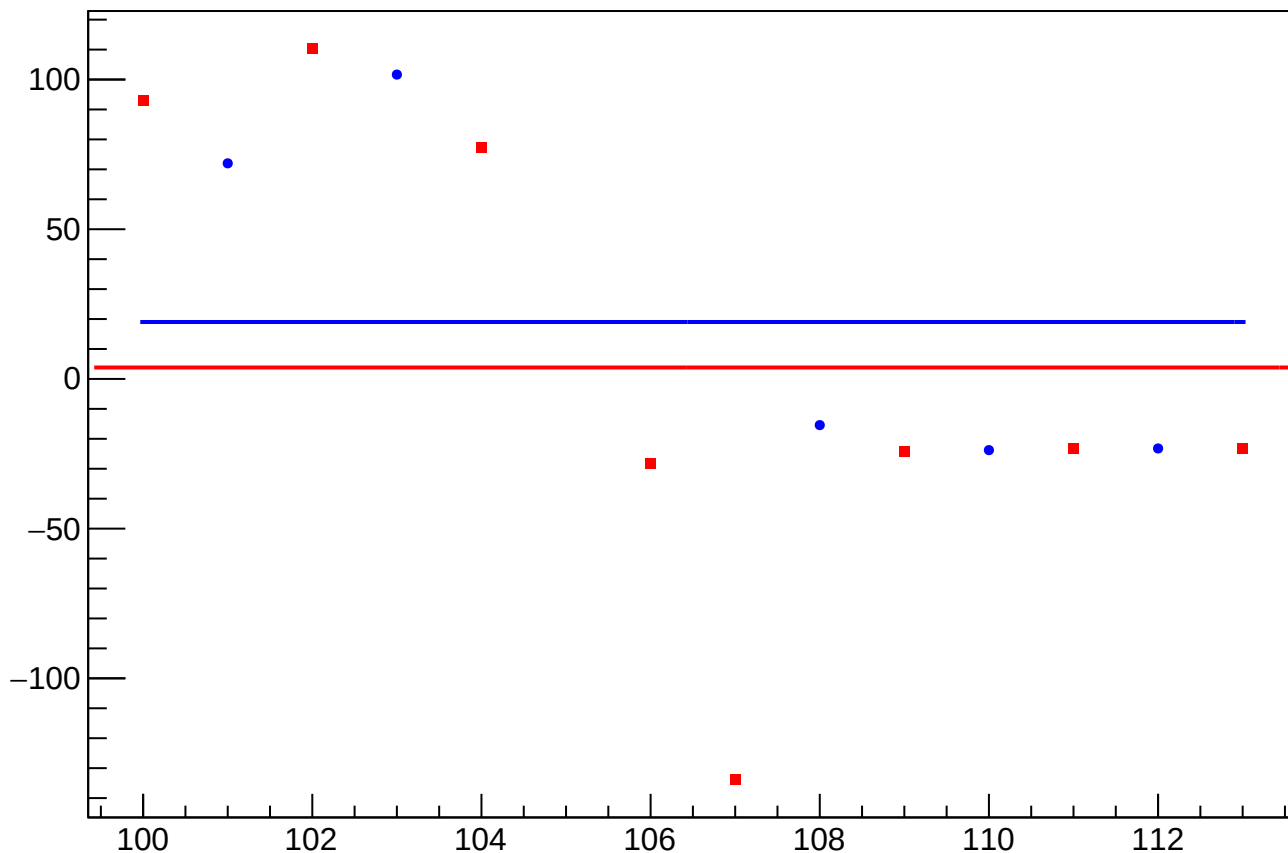
Right: -2.955+/-1.422 χ^2/NDF : 83.7/12

In: -5.484+/-2.194 χ^2/NDF : 56.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.955+/-1.422 χ^2/NDF : 83.7/12

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: 3.824+/-0.090 χ^2/NDF : 446094.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

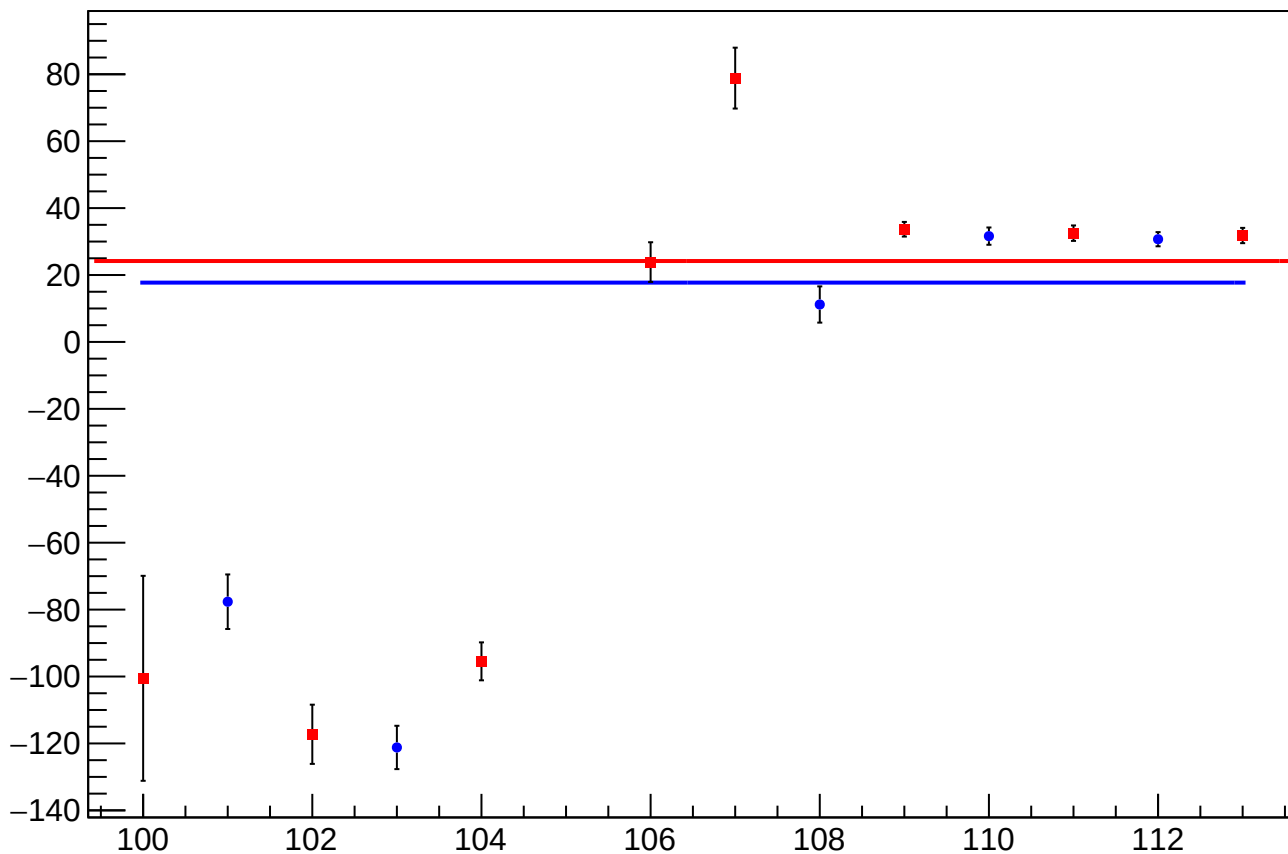
Right: 10.603+/-0.067 χ^2/NDF : 752751.8/12

In: 19.013+/-0.101 χ^2/NDF :294014.3/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 10.603+/-0.067 χ^2/NDF : 752751.8/12

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: 24.183+/-1.218 χ^2/NDF : 796.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

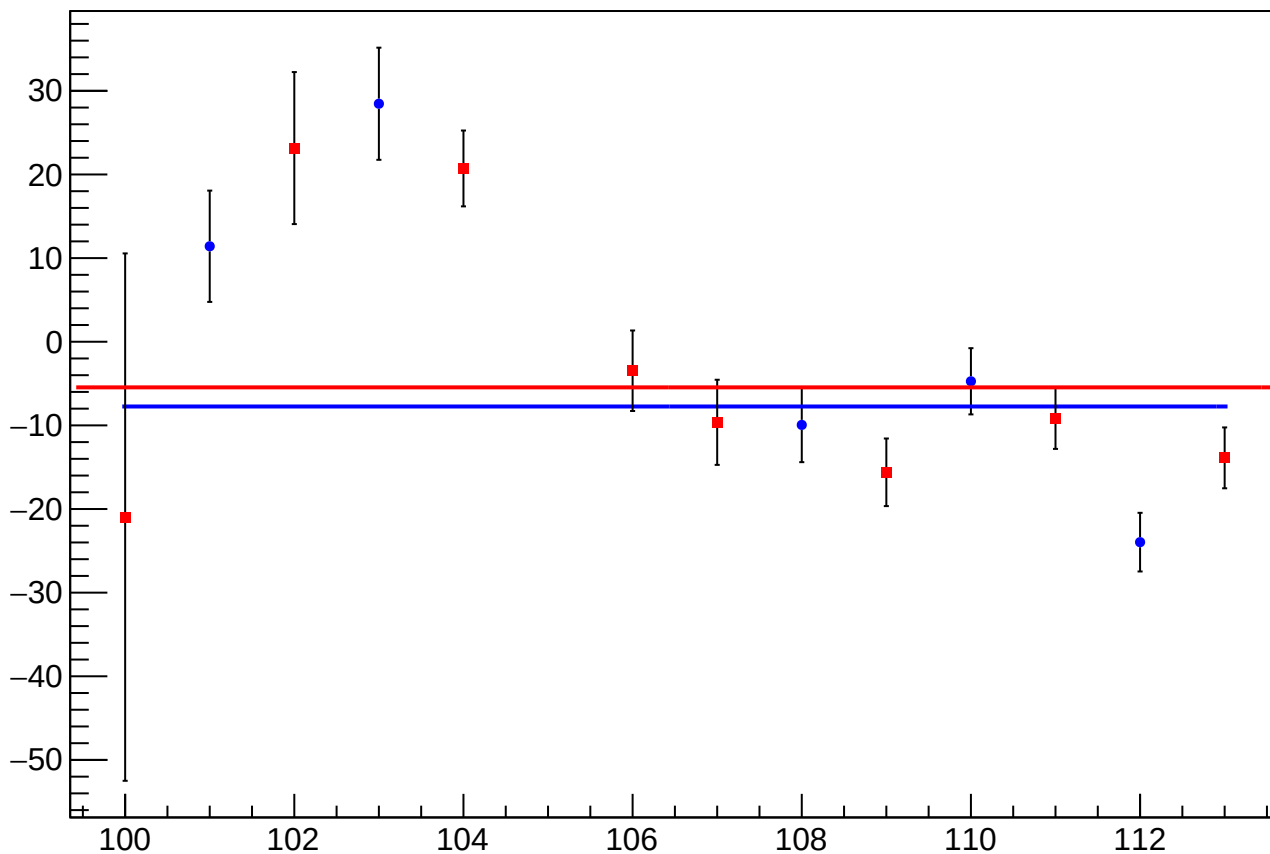
Right: 21.613+/-0.945 χ^2/NDF : 1472.5/12

In: 17.729+/-1.498 χ^2/NDF : 665.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.613+/-0.945 χ^2/NDF : 1472.5/12

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.741+/-2.040 χ^2/NDF : 59.7/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.455+/-1.681 χ^2/NDF : 57.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

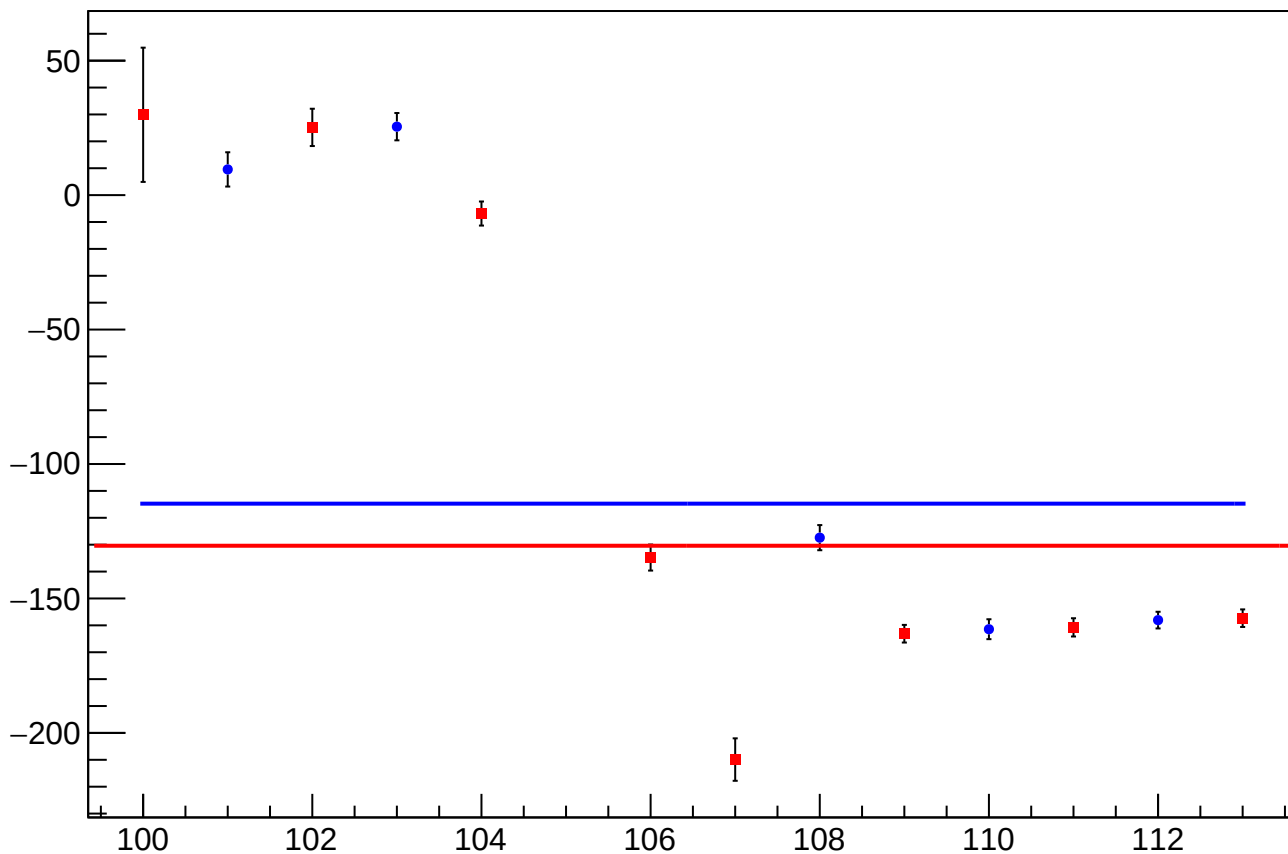
Right: -6.380+/-1.297 χ^2/NDF : 117.4/12

In: -7.741+/-2.040 χ^2/NDF : 59.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.380+/-1.297 χ^2/NDF : 117.4/12

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: -130.393 $\pm$ 1.572 χ^2 /NDF: 1656.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

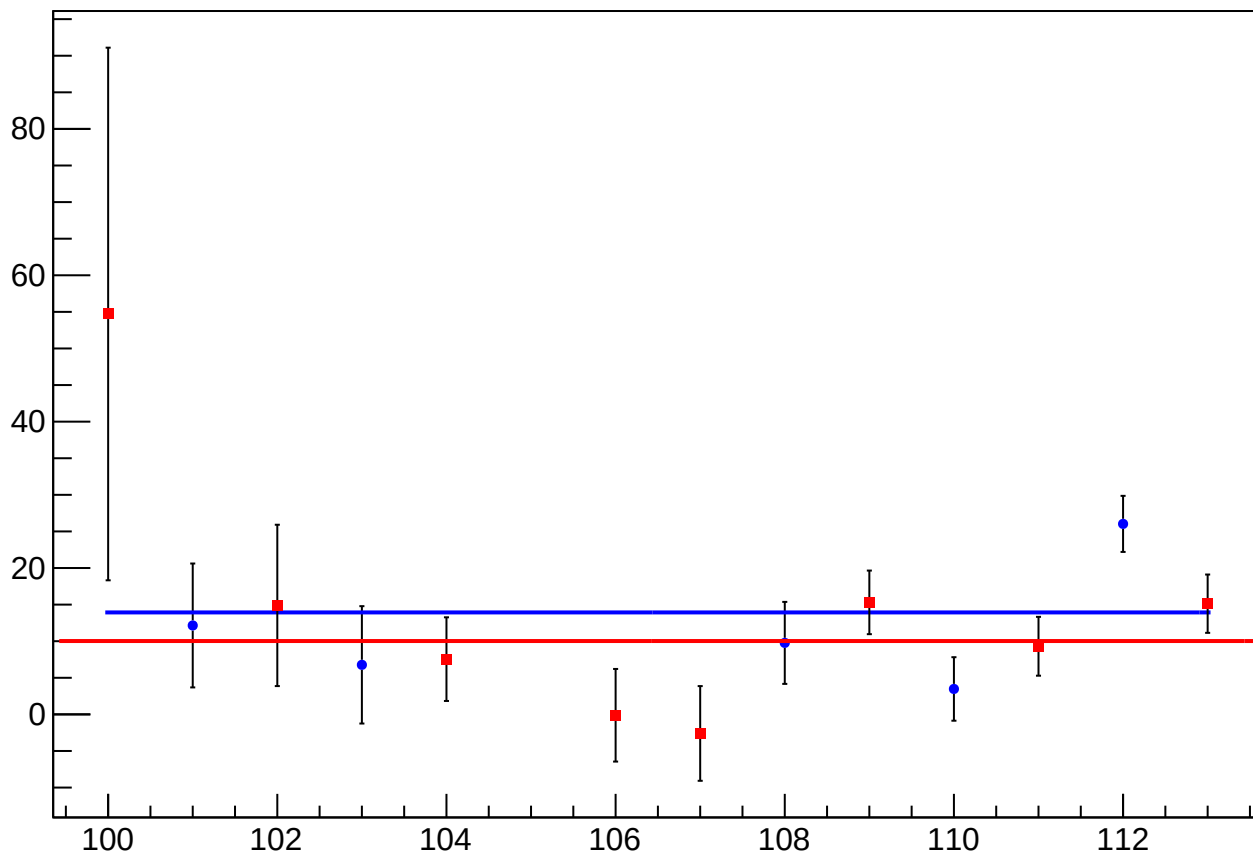
Right: -123.908 $\pm$ 1.203 χ^2 /NDF: 3201.2/12

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: -123.908 $\pm$ 1.203 χ^2 /NDF: 3201.2/12

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: 10.023 $\pm$ 1.938 χ^2 /NDF: 11.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

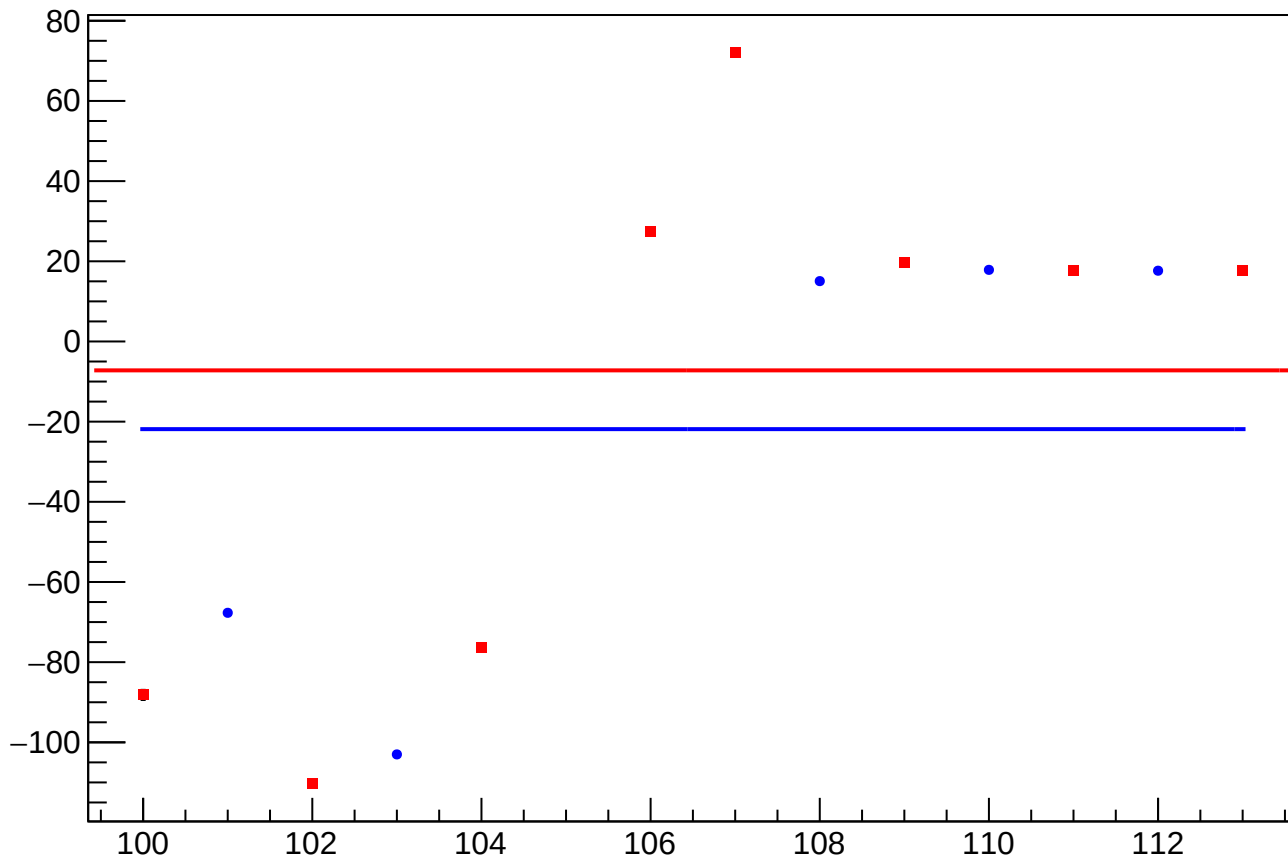
Right: 11.613 $\pm$ 1.493 χ^2 /NDF: 30.2/12

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: 11.613 $\pm$ 1.493 χ^2 /NDF: 30.2/12

reg_asym_us_dd_at1lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.870 $\pm$ 0.109 χ^2 /NDF: 240081.1/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -7.210 $\pm$ 0.095 χ^2 /NDF: 338353.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

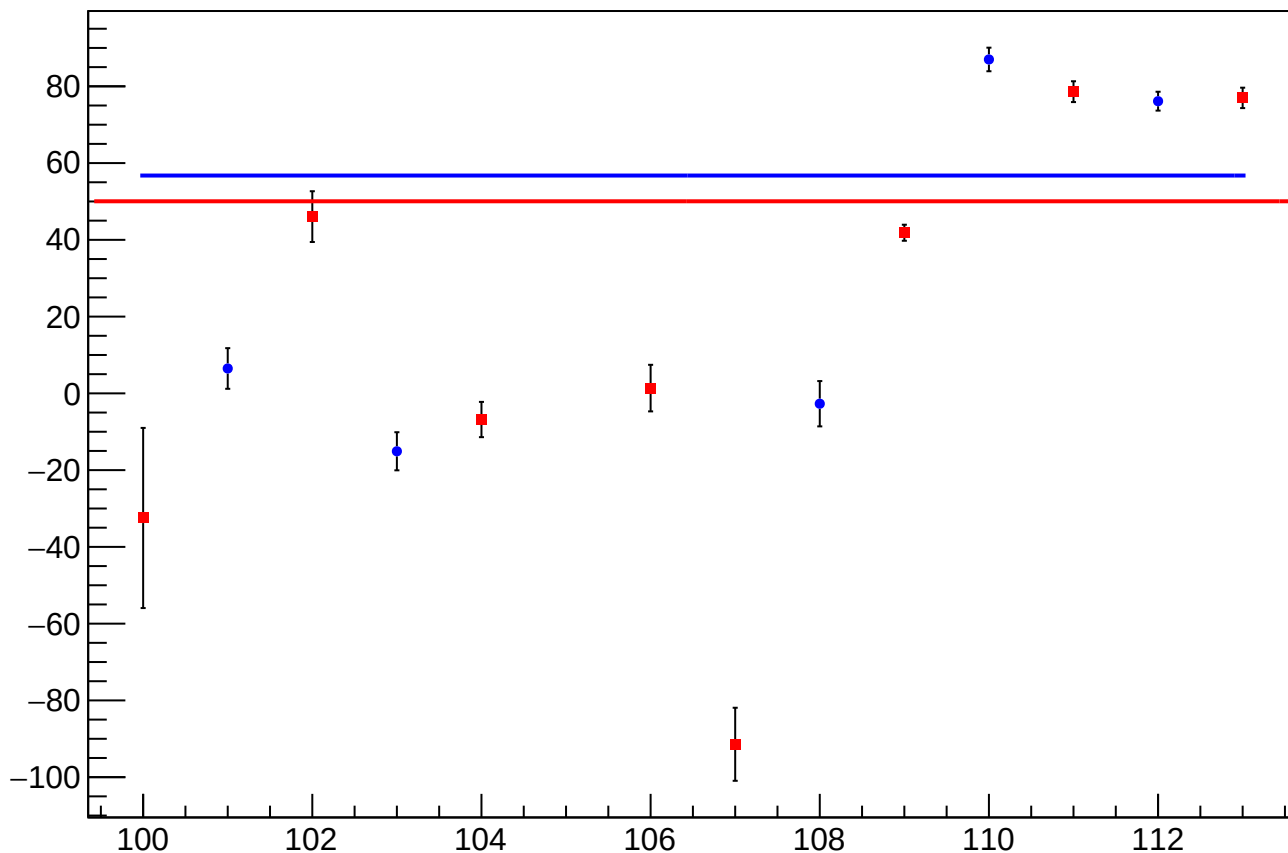
Right: -13.559 $\pm$ 0.072 χ^2 /NDF: 588667.8/12

In: -21.870 $\pm$ 0.109 χ^2 /NDF:240081.1/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -13.559 $\pm$ 0.072 χ^2 /NDF: 588667.8/12

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: 50.047+/-1.274 χ^2/NDF : 680.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

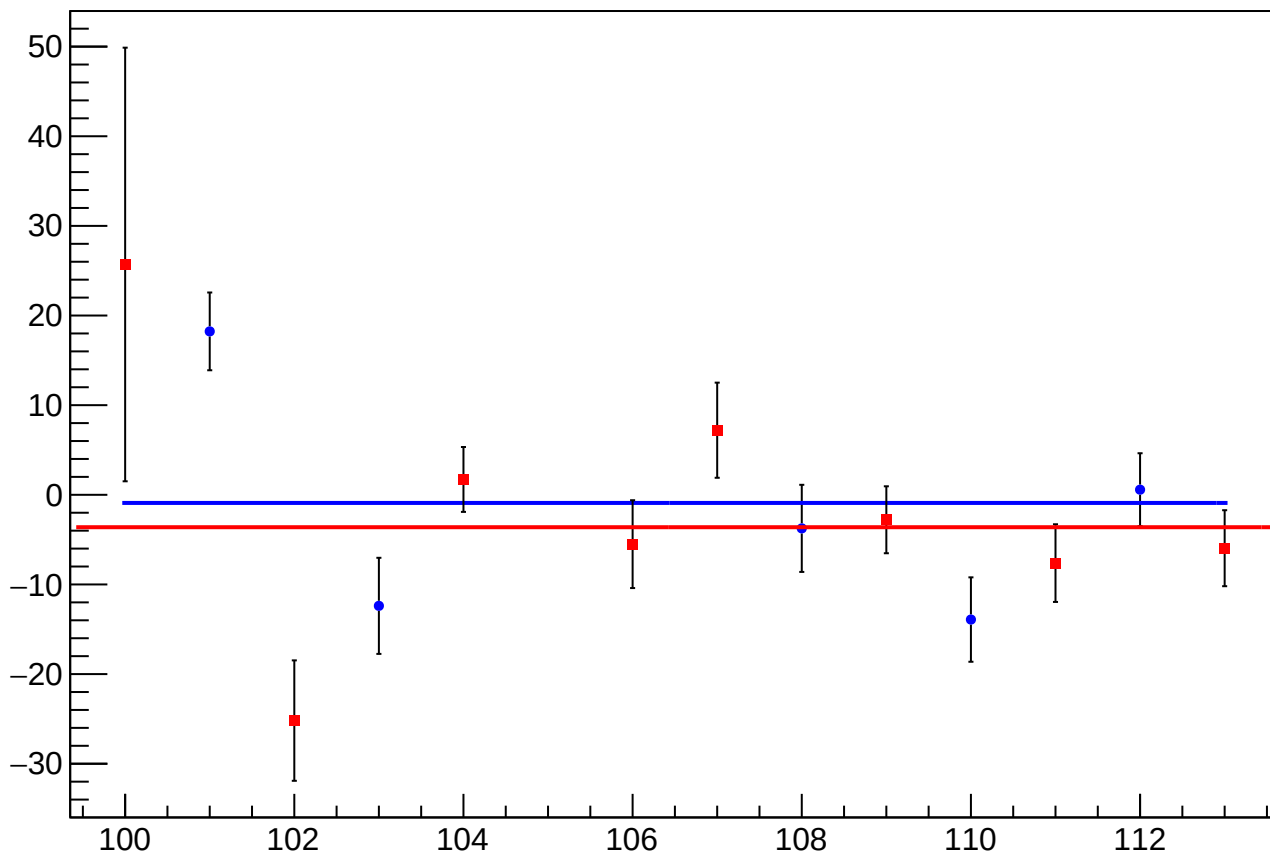
Right: 52.591+/-1.004 χ^2/NDF : 1250.7/12

In: 56.753+/-1.630 χ^2/NDF : 560.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.591+/-1.004 χ^2/NDF : 1250.7/12

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: -3.615 ± 1.671 χ^2/NDF : 19.5/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

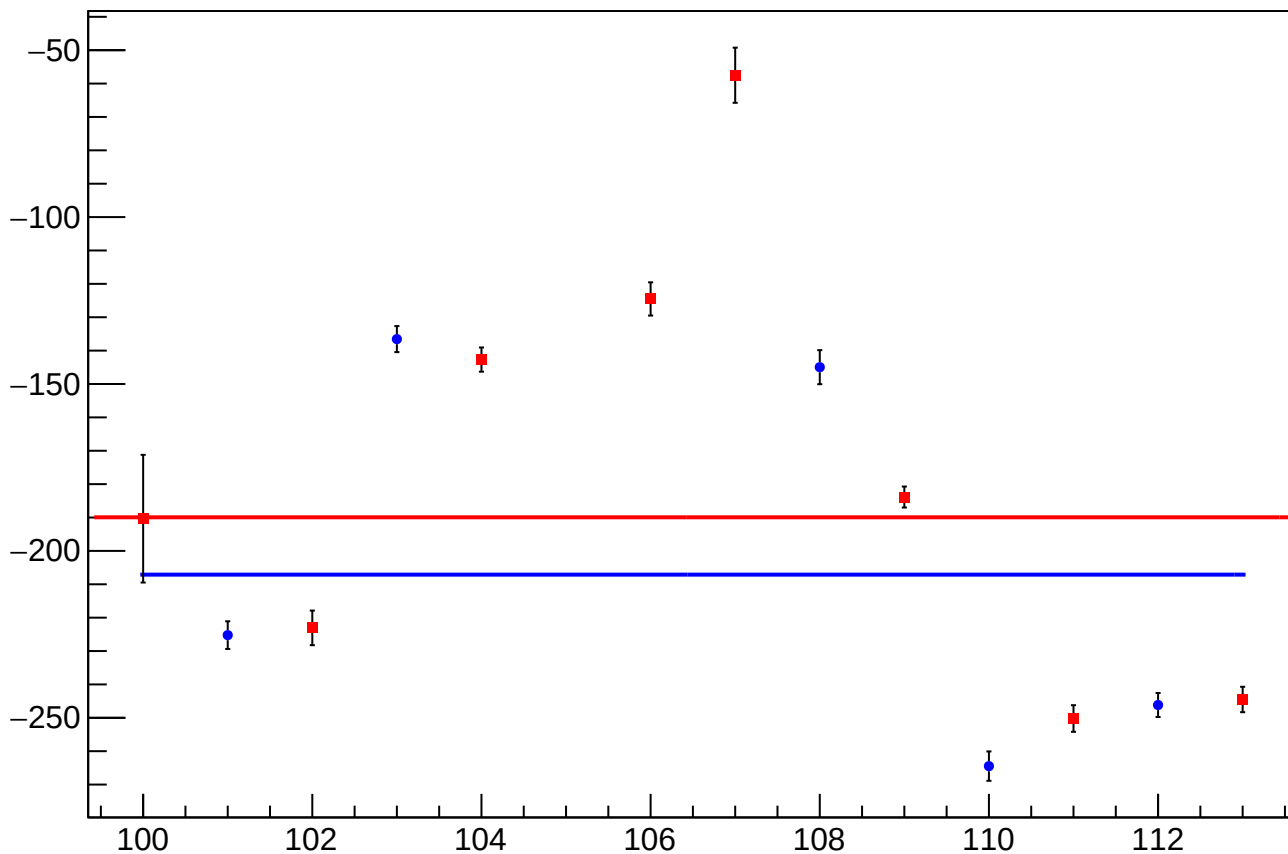
Right: -2.539 ± 1.298 χ^2/NDF : 52.7/12

In: -0.906 ± 2.059 χ^2/NDF : 32.2/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.539 ± 1.298 χ^2/NDF : 52.7/12

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: -189.937+/-1.573 χ^2 /NDF: 1078.5/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

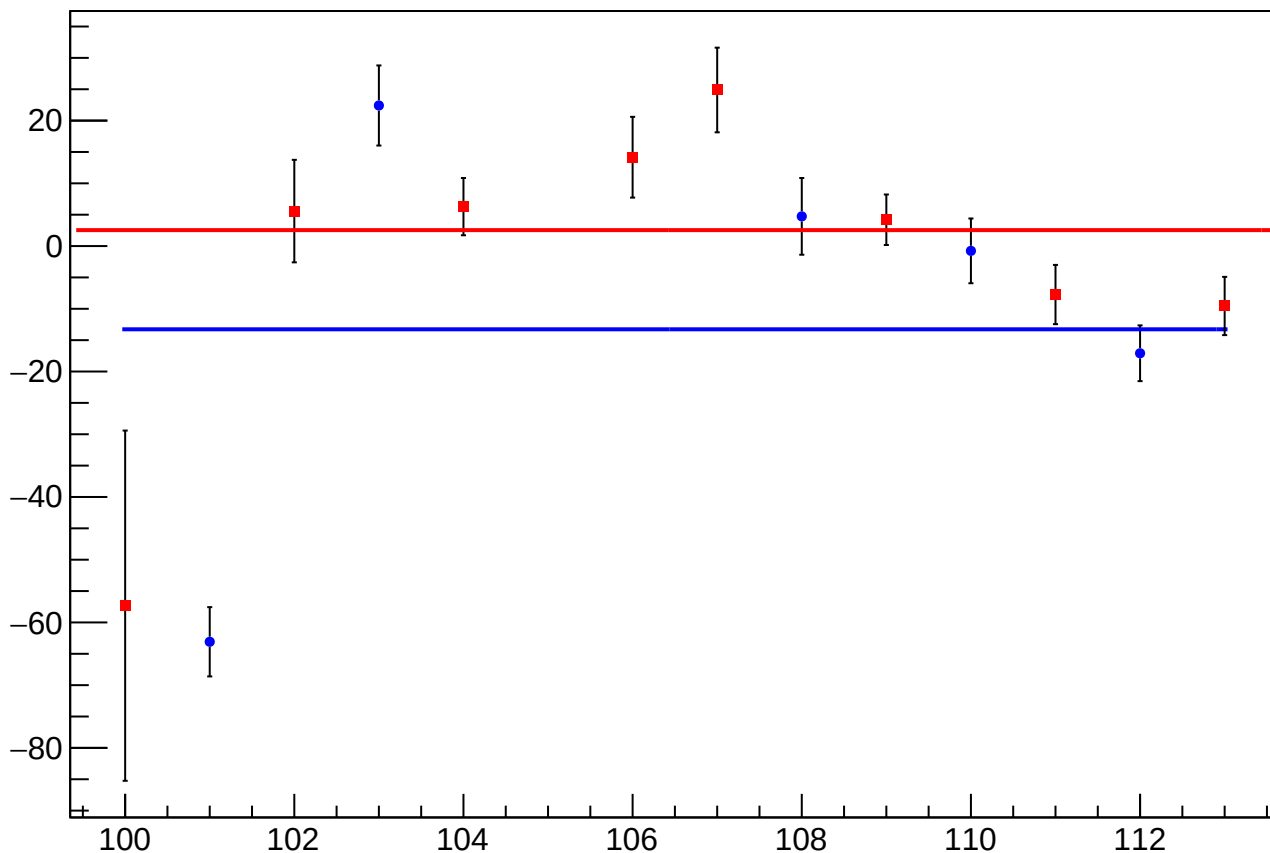
Right: -197.131+/-1.199 χ^2 /NDF: 1911.8/12

In: -207.109+/-1.852 χ^2 /NDF:783.4/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -197.131+/-1.199 χ^2 /NDF: 1911.8/12

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: 2.541+/-1.949 χ^2/NDF : 31.3/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

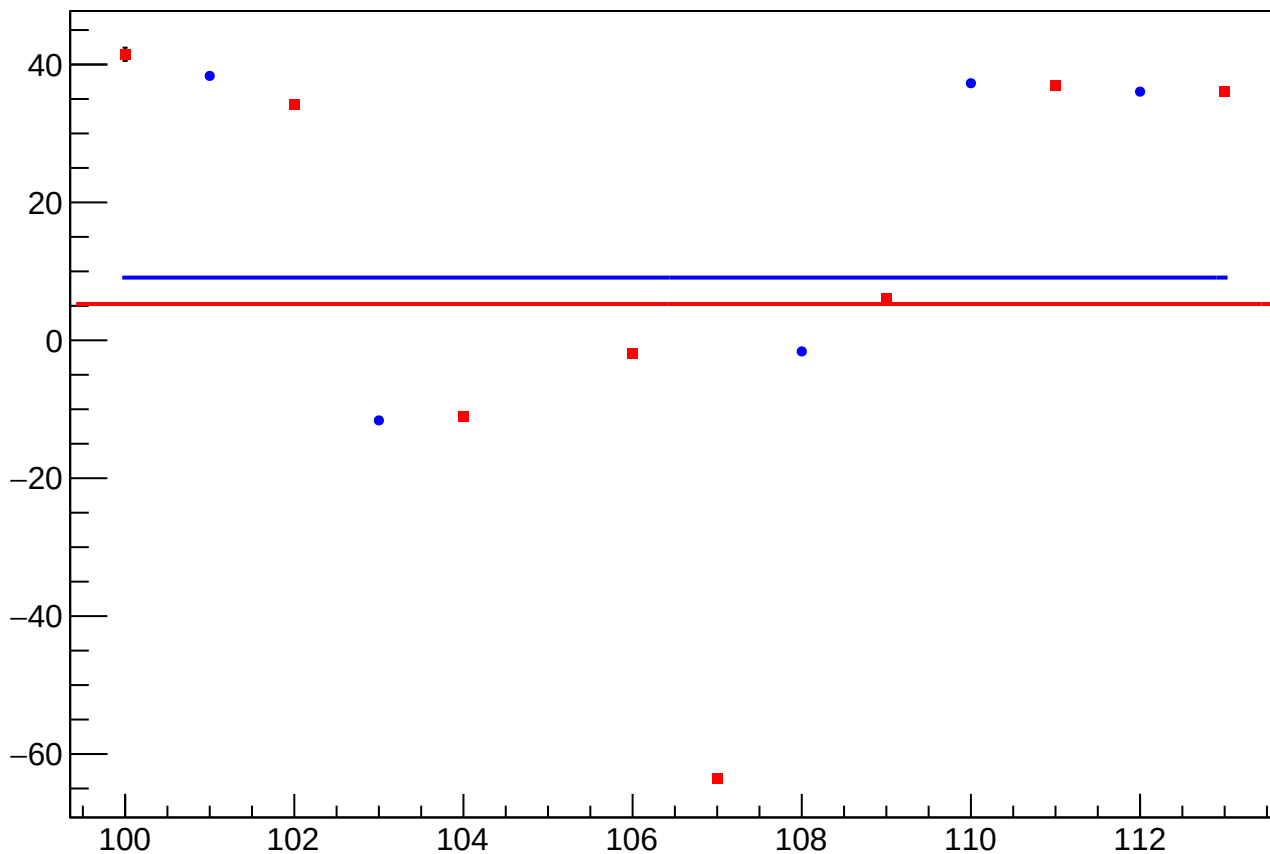
Right: -3.711+/-1.515 χ^2/NDF : 185.2/12

In: -13.269+/-2.409 χ^2/NDF :127.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.711+/-1.515 χ^2/NDF : 185.2/12

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: 5.268+/-0.089 χ^2/NDF : 91175.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

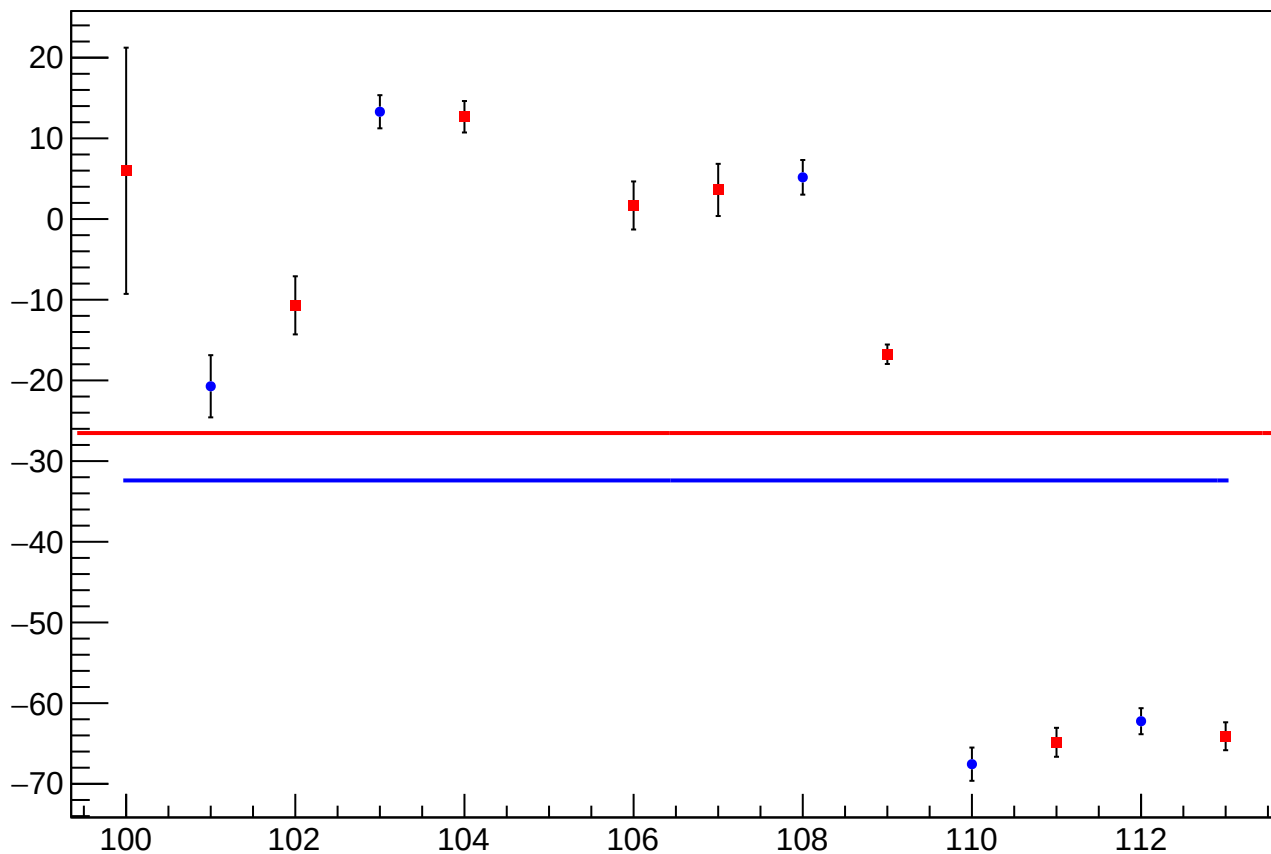
Right: 6.941+/-0.067 χ^2/NDF : 139909.5/12

In: 9.096+/-0.101 χ^2/NDF : 47931.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.941+/-0.067 χ^2/NDF : 139909.5/12

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: -26.524 $\pm$ 0.728 χ^2 /NDF: 1598.2/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

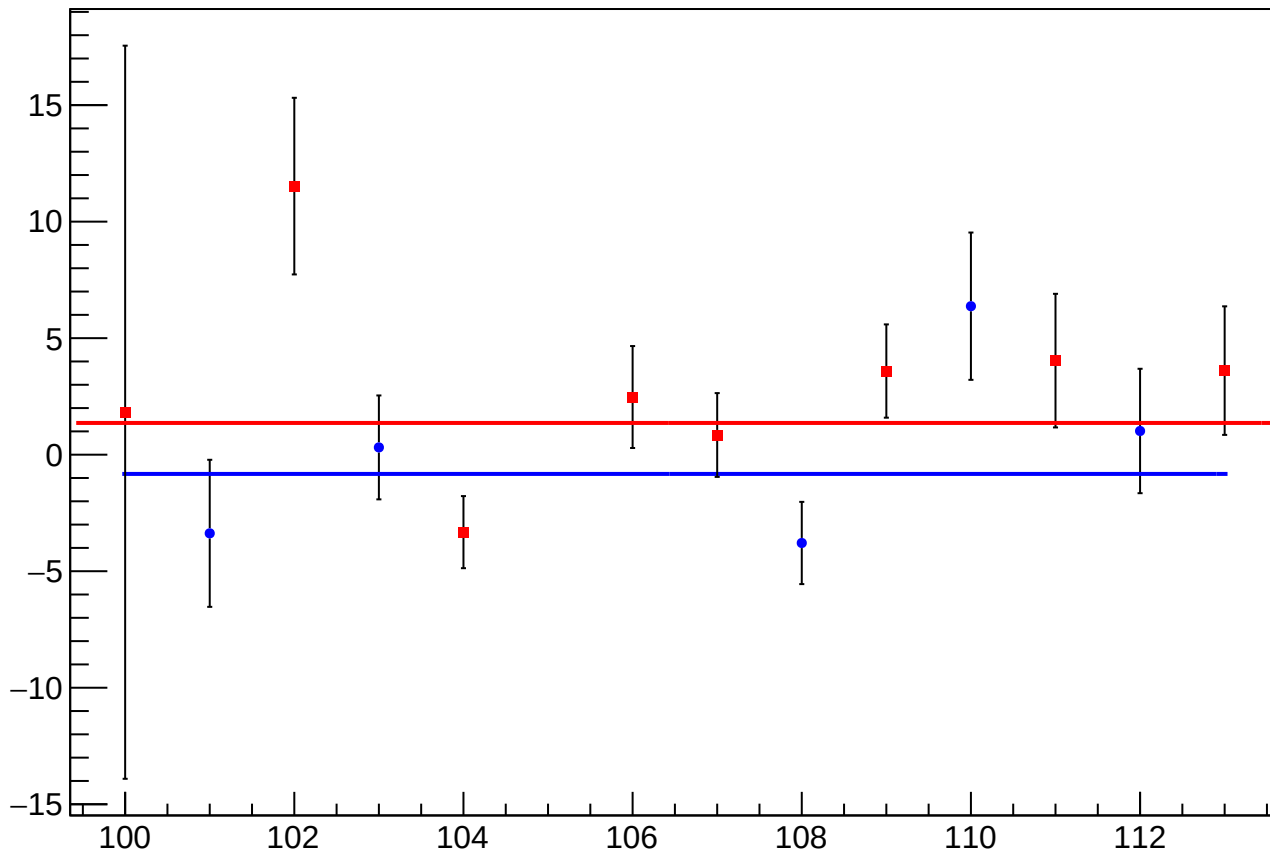
Right: -28.738 $\pm$ 0.575 χ^2 /NDF: 3066.2/12

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: -28.738 $\pm$ 0.575 χ^2 /NDF: 3066.2/12

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: 1.362+/-0.813 χ^2/NDF : 19.5/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

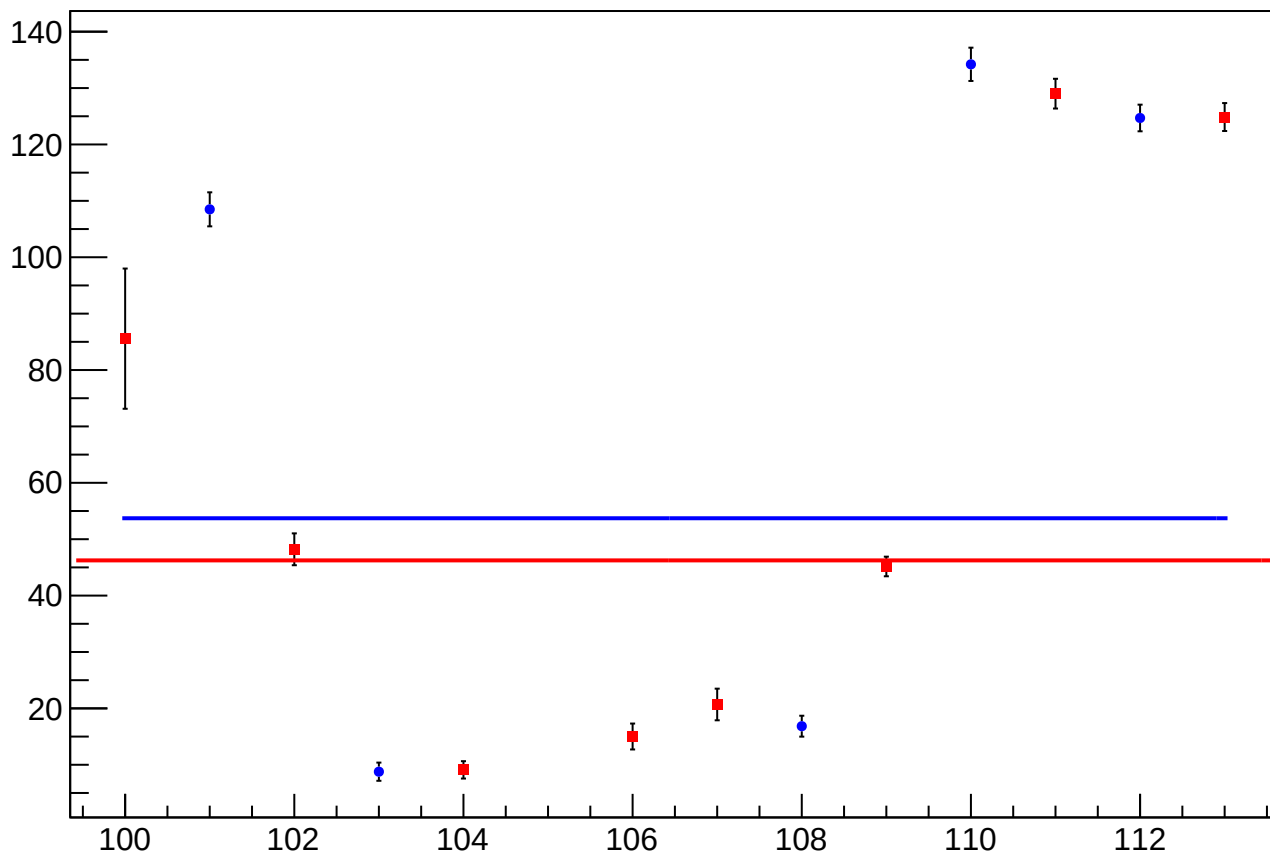
Right: 0.567+/-0.649 χ^2/NDF : 31.5/12

In: -0.826+/-1.076 χ^2/NDF :9.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.567+/-0.649 χ^2/NDF : 31.5/12

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 53.715+/-0.963 χ^2/NDF : 3148.1/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 46.243+/-0.814 χ^2/NDF : 2853.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

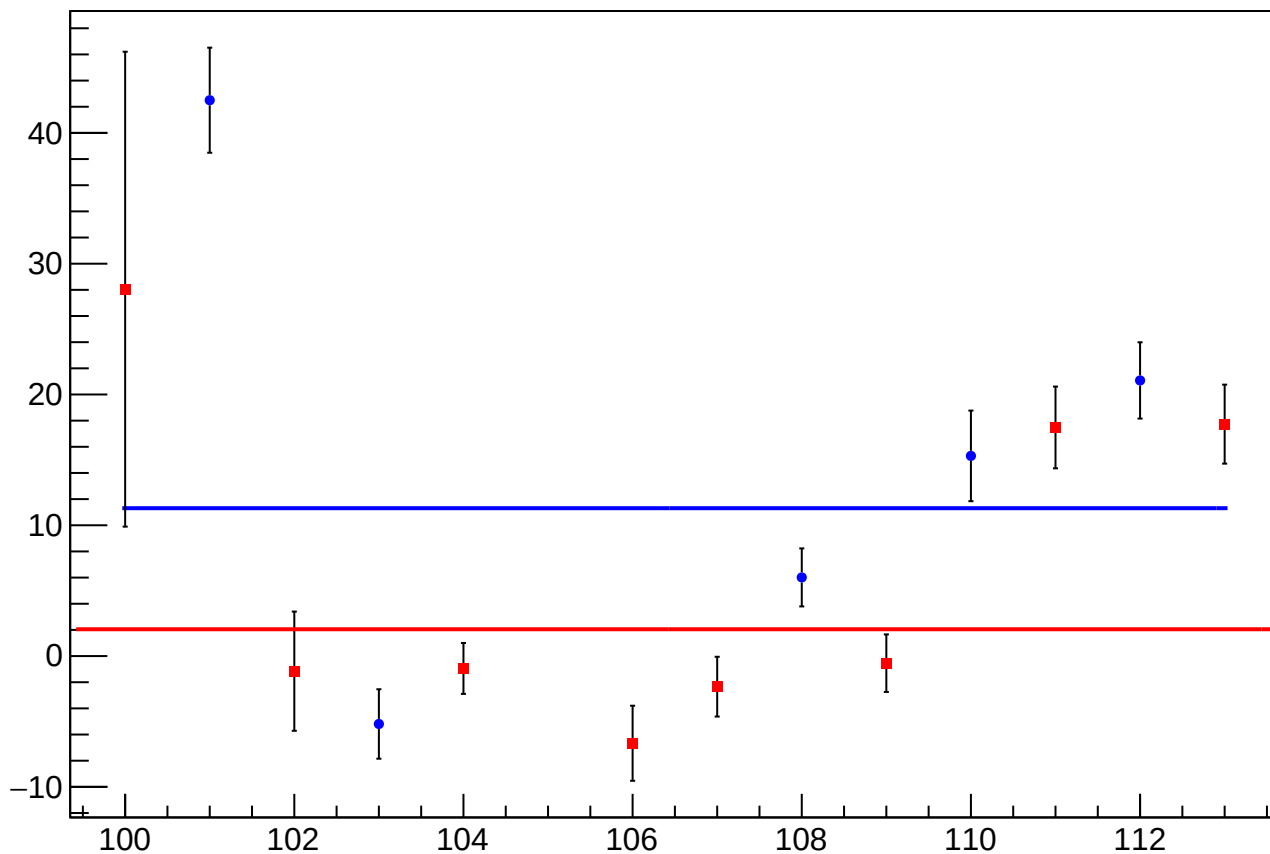
Right: 49.359+/-0.622 χ^2/NDF : 6036.9/12

In: 53.715+/-0.963 χ^2/NDF :3148.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 49.359+/-0.622 χ^2/NDF : 6036.9/12

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: 2.050+/-0.978 χ^2/NDF : 70.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

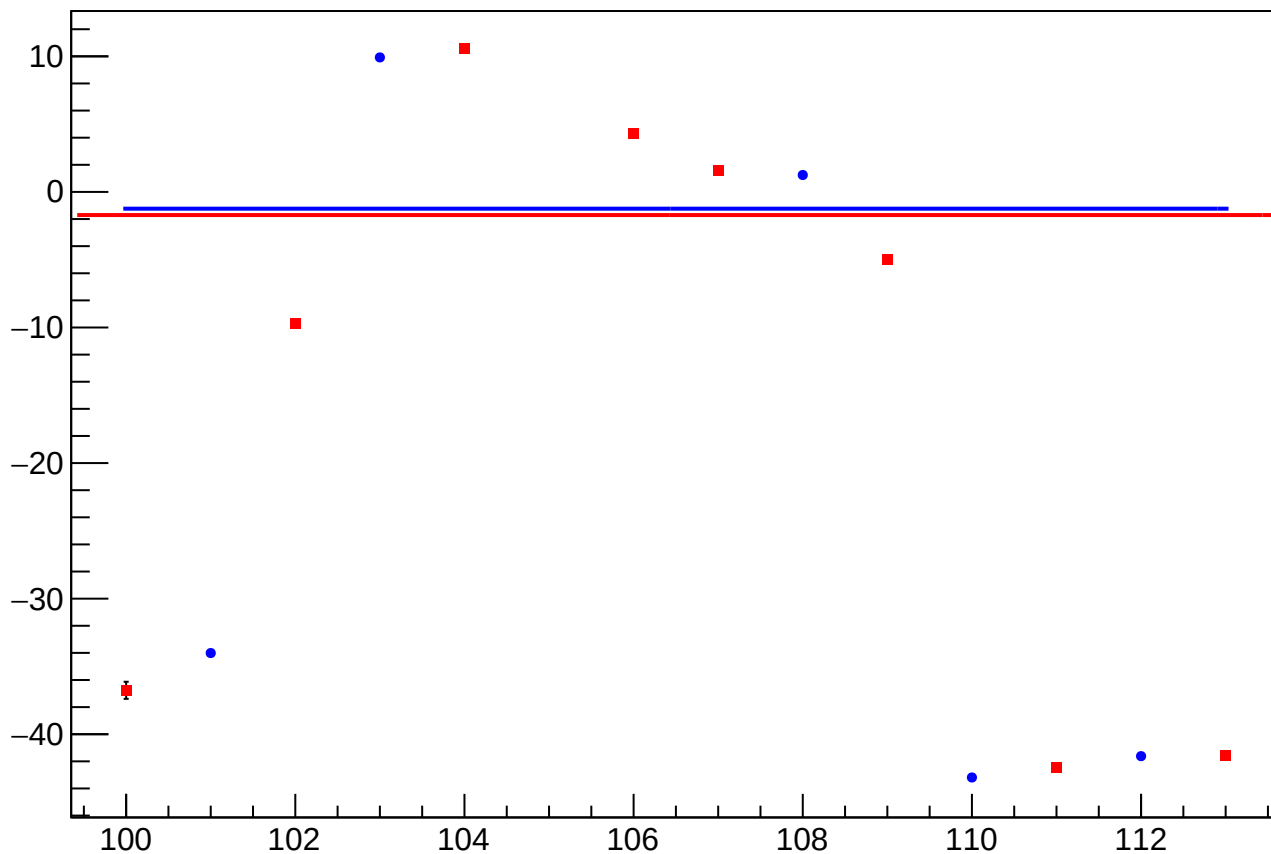
Right: 5.451+/-0.777 χ^2/NDF : 220.7/12

In: 11.306+/-1.283 χ^2/NDF : 117.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.451+/-0.777 χ^2/NDF : 220.7/12

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: -1.705+/-0.043 χ^2/NDF : 123050.7/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

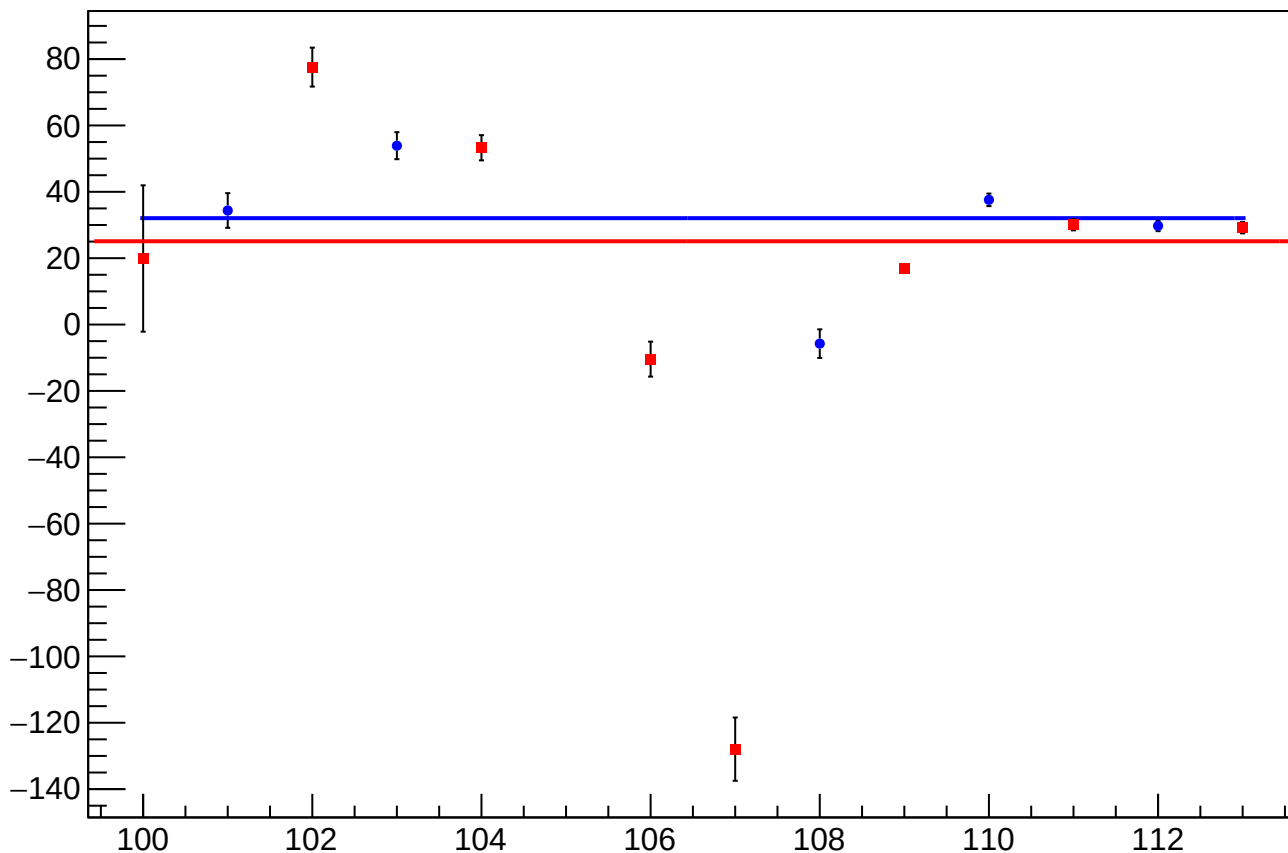
Right: -1.485+/-0.031 χ^2/NDF : 261937.9/12

In: -1.236+/-0.046 χ^2/NDF :138831.8/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.485+/-0.031 χ^2/NDF : 261937.9/12

reg_asym_us_dd_atlr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 32.060 $\pm$ 1.102 χ^2 /NDF: 116.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 25.101 $\pm$ 0.887 χ^2 /NDF: 481.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

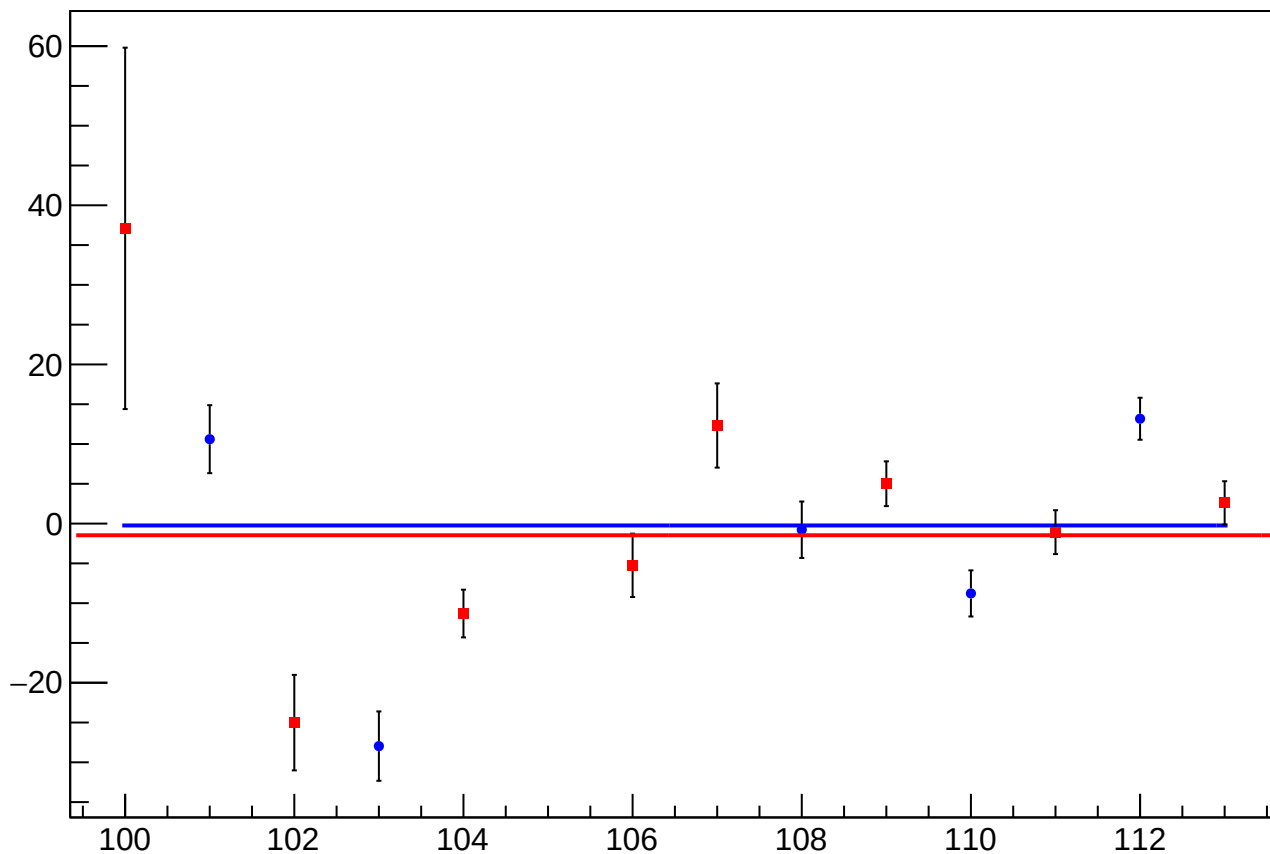
Right: 27.839 $\pm$ 0.691 χ^2 /NDF: 622.5/12

In: 32.060 $\pm$ 1.102 χ^2 /NDF: 116.6/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.839 $\pm$ 0.691 χ^2 /NDF: 622.5/12

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: -1.468+/-1.257 χ^2/NDF : 44.3/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

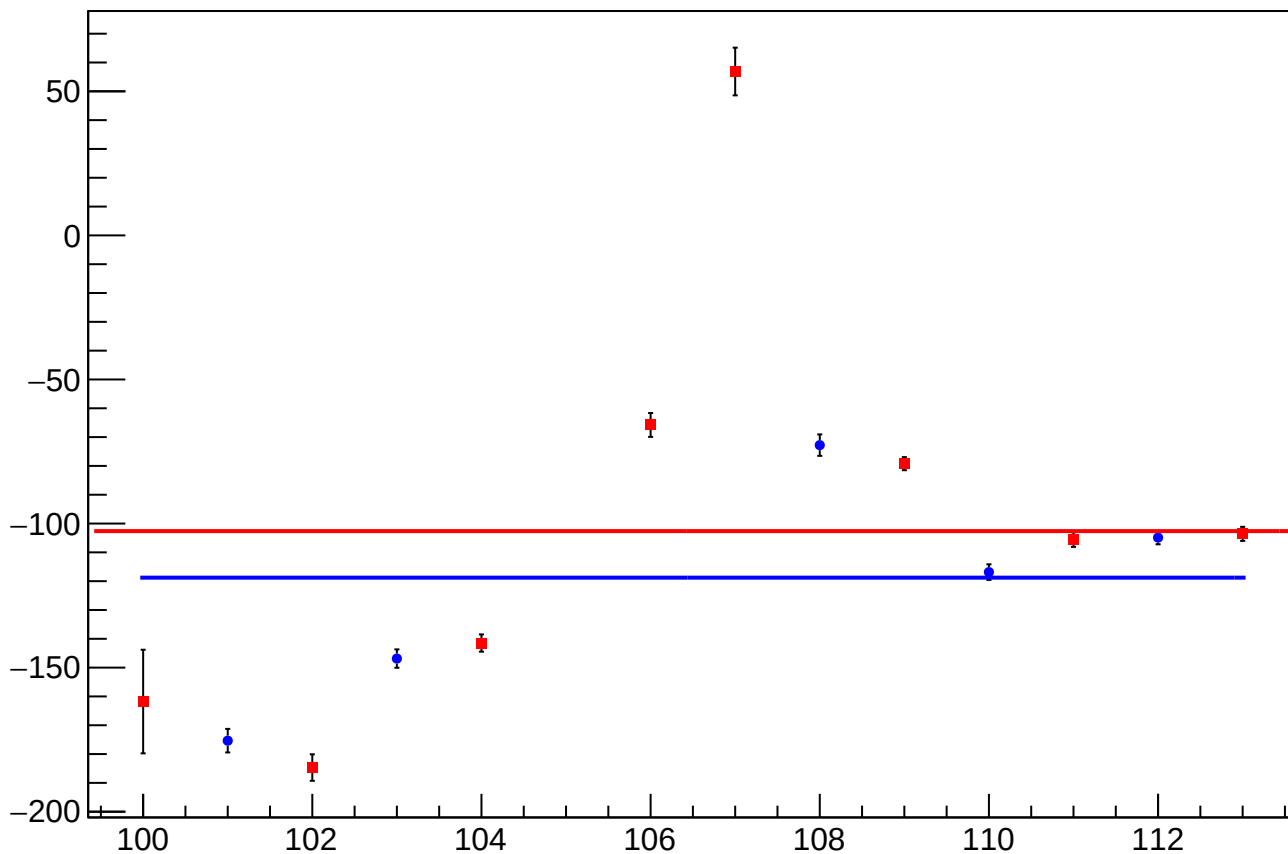
Right: -0.956+/-0.961 χ^2/NDF : 126.1/12

In: -0.236+/-1.491 χ^2/NDF :81.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.956+/-0.961 χ^2/NDF : 126.1/12

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: -102.624+/-1.153 χ^2 /NDF: 1056.2/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

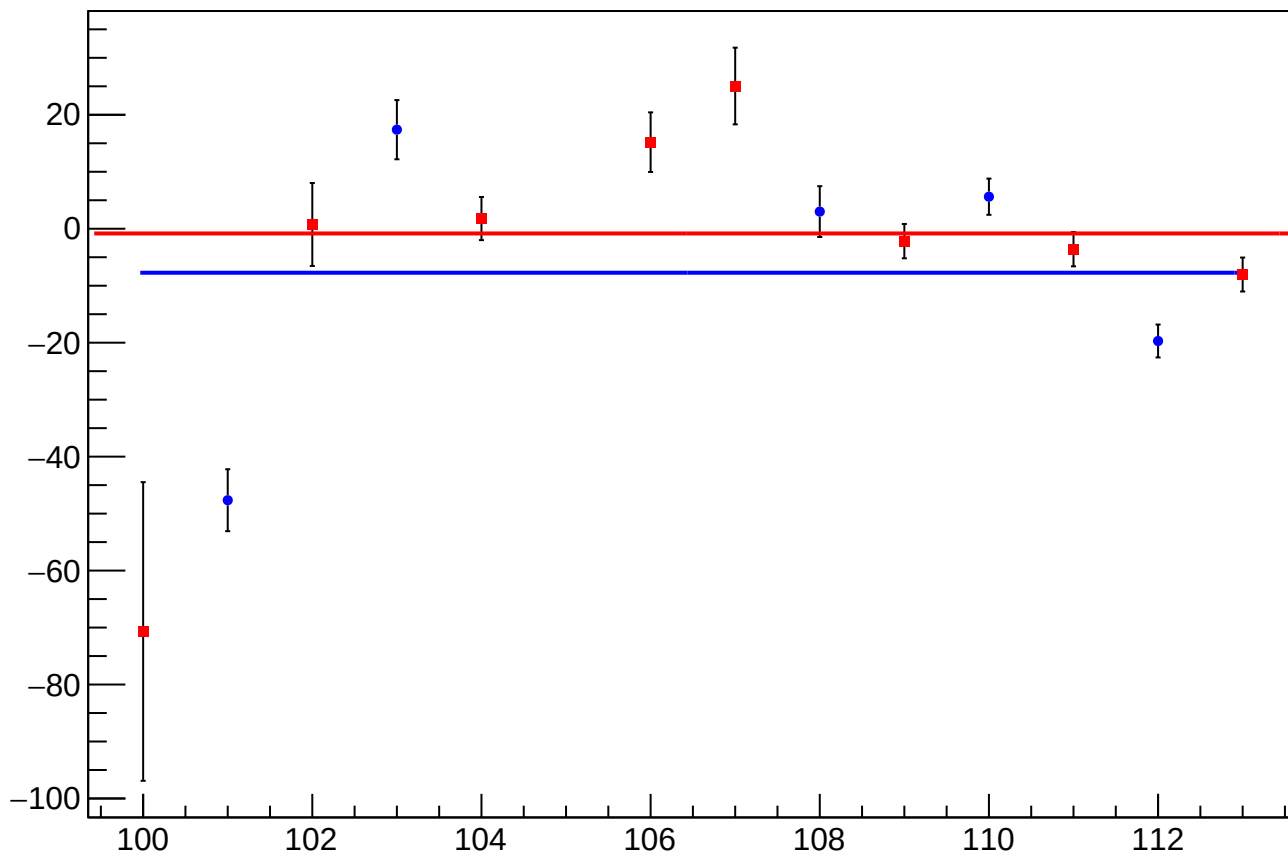
Right: -109.449+/-0.877 χ^2 /NDF: 1596.4/12

In: -118.779+/-1.349 χ^2 /NDF:457.3/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -109.449+/-0.877 χ^2 /NDF: 1596.4/12

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: -0.826+/-1.439 χ^2/NDF : 38.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

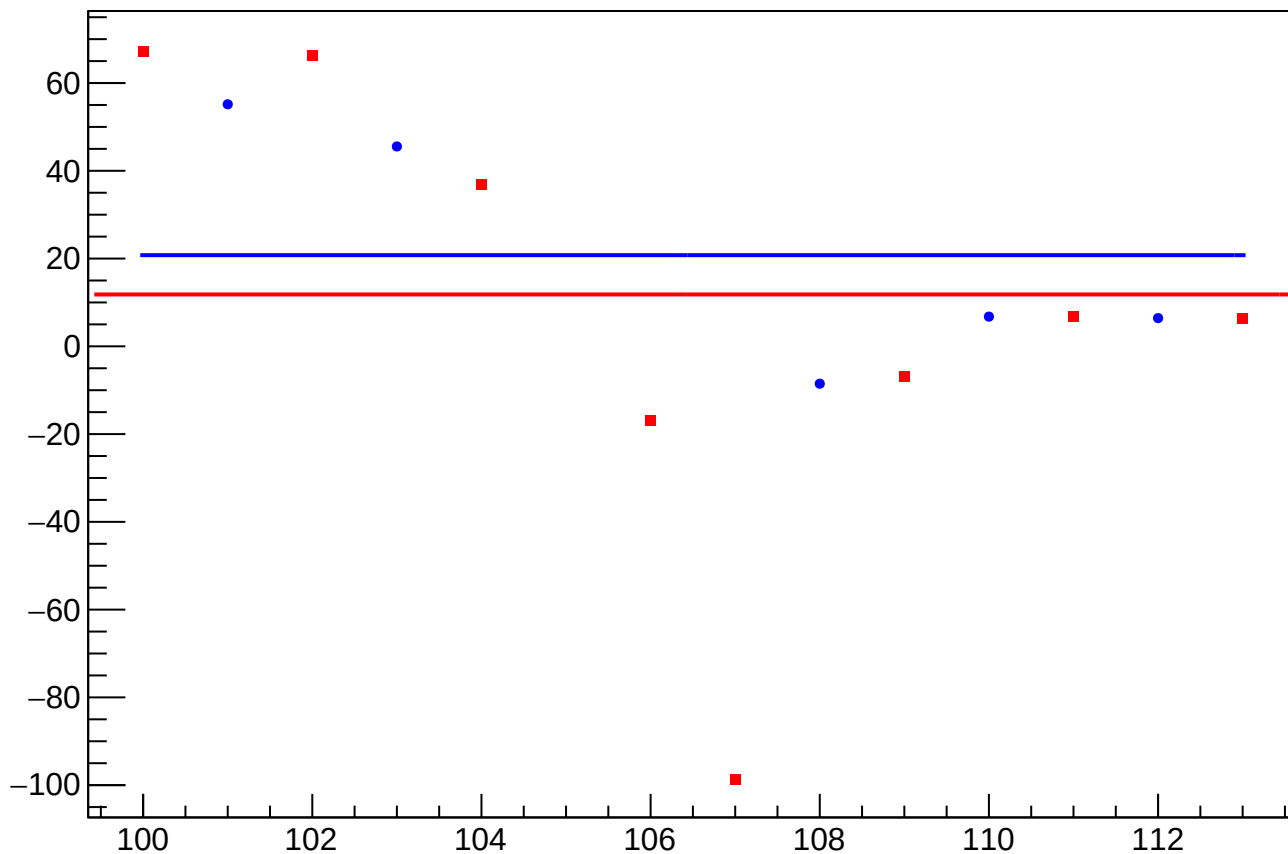
Right: -3.678+/-1.102 χ^2/NDF : 166.2/12

In: -7.721+/-1.714 χ^2/NDF : 118.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.678+/-1.102 χ^2/NDF : 166.2/12

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: 11.823 $\pm$ 0.071 χ^2 /NDF: 250610.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

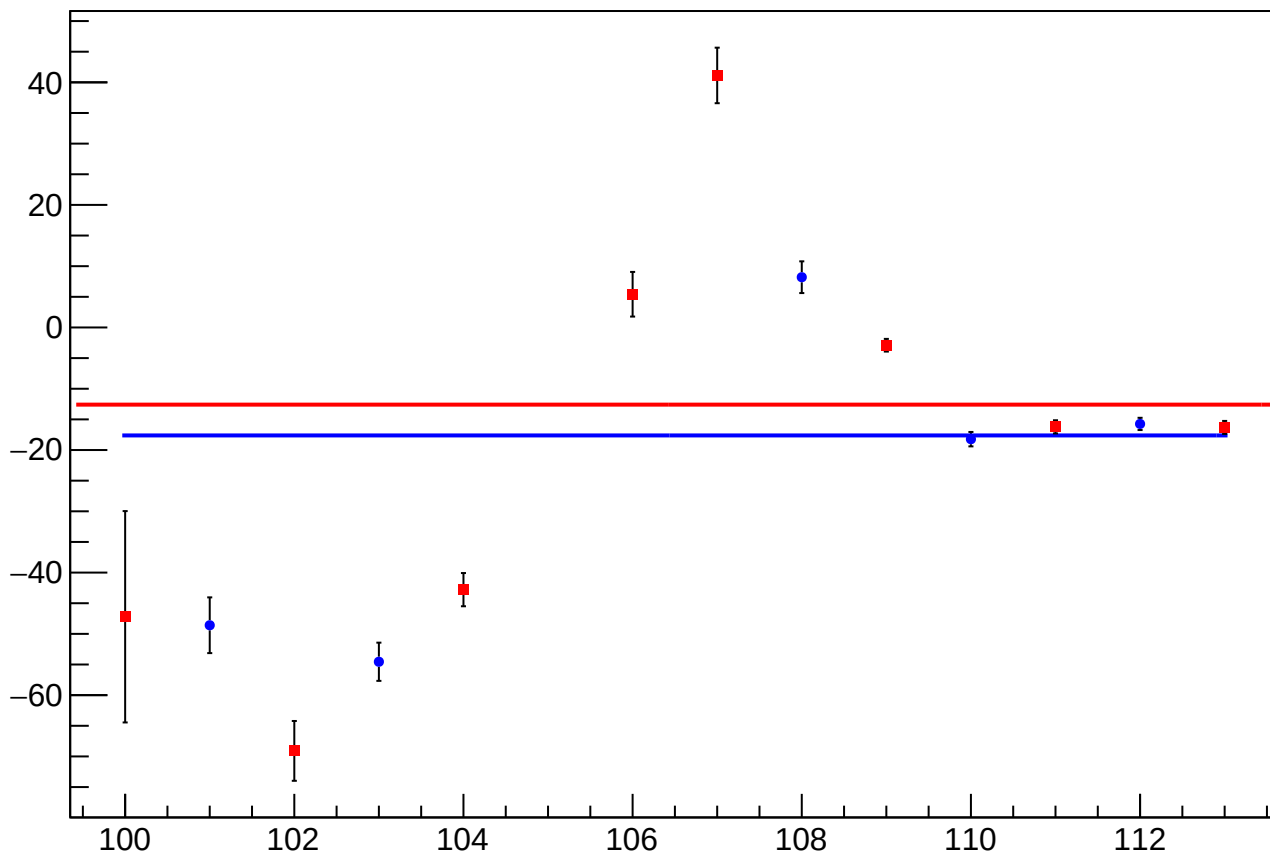
Right: 15.905 $\pm$ 0.052 χ^2 /NDF: 359584.5/12

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: 15.905 $\pm$ 0.052 χ^2 /NDF: 359584.5/12

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: -12.593 $\pm$ 0.578 χ^2 /NDF: 538.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

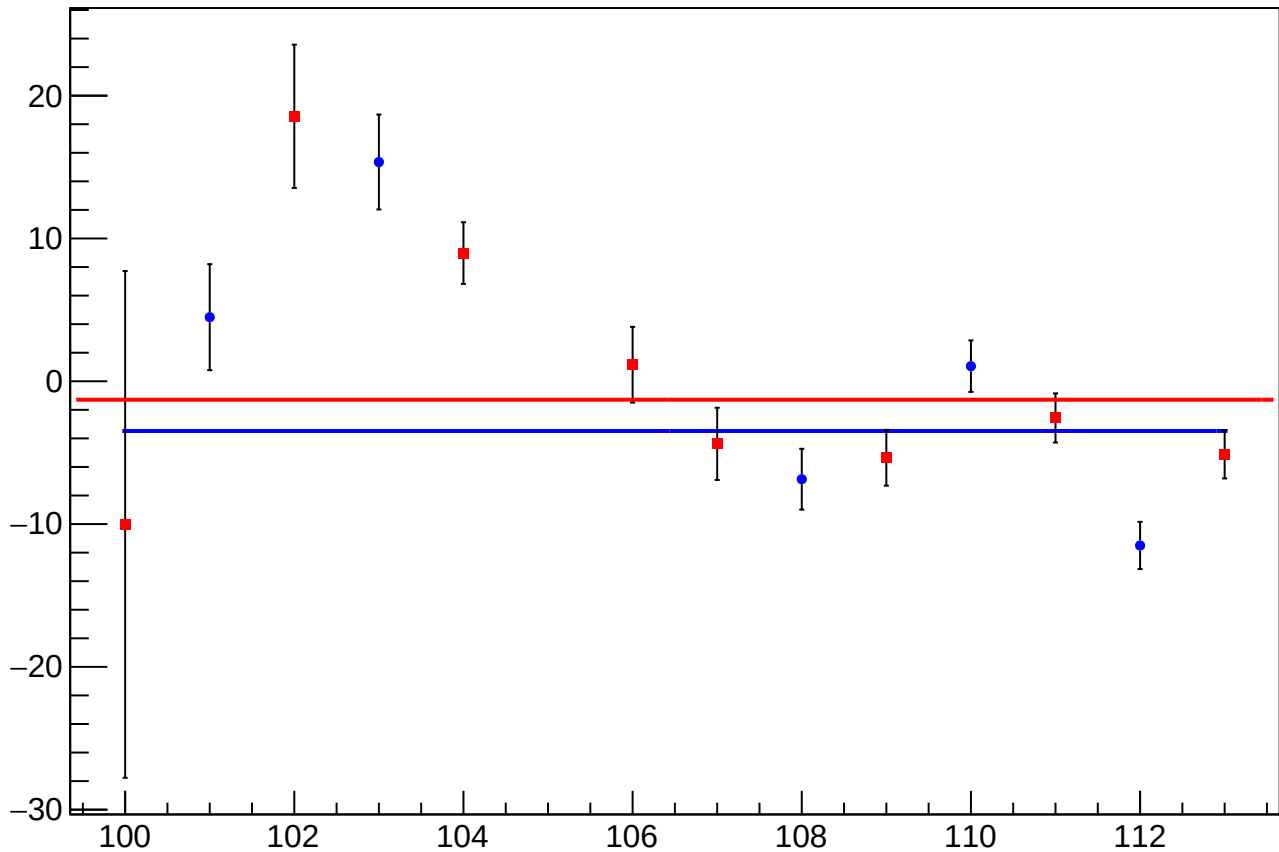
Right: -14.624 $\pm$ 0.446 χ^2 /NDF: 859.0/12

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: -14.624 $\pm$ 0.446 χ^2 /NDF: 859.0/12

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: -1.291+/-0.815 χ^2/NDF : 50.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

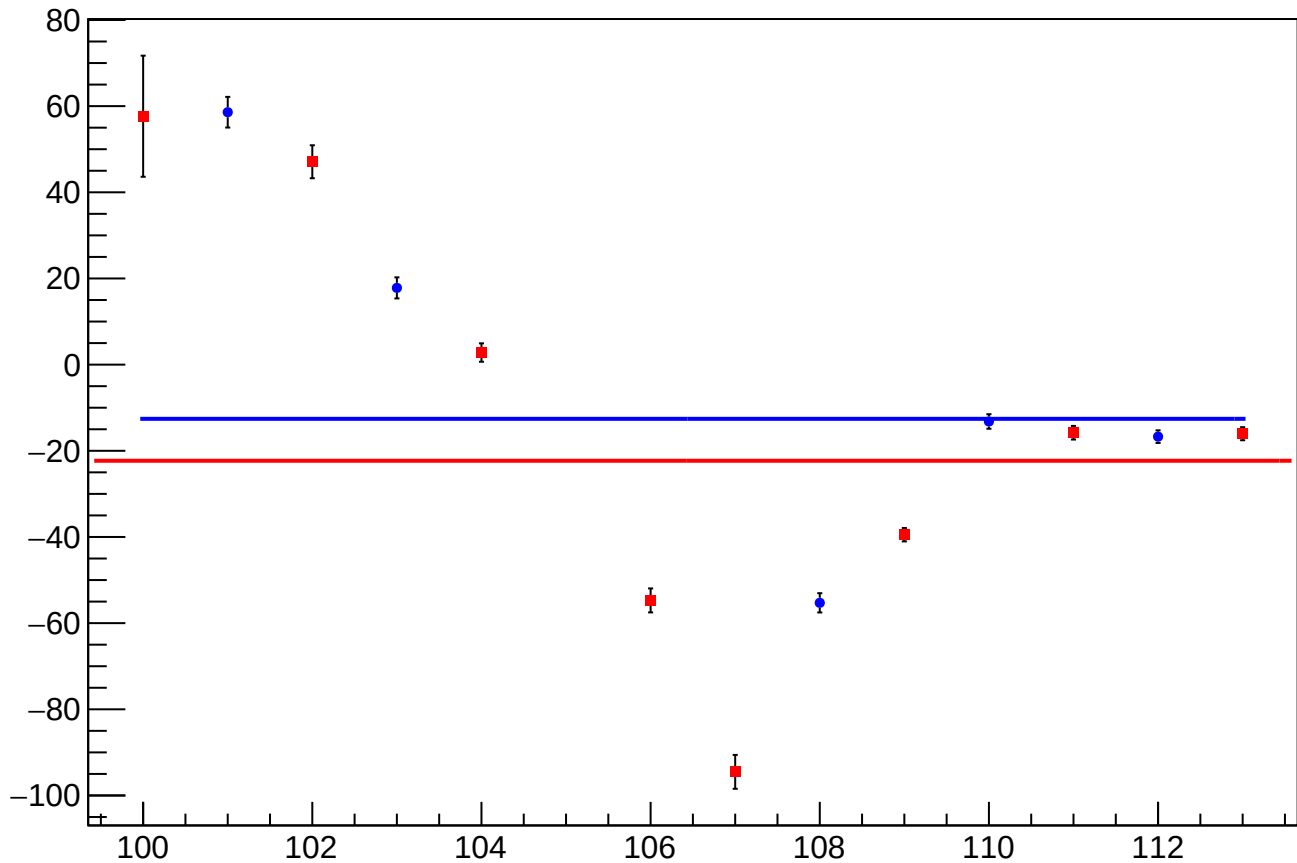
Right: -2.195+/-0.625 χ^2/NDF : 122.9/12

In: -3.482+/-0.973 χ^2/NDF : 69.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.195+/-0.625 χ^2/NDF : 122.9/12

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: -22.307 $\pm$ 0.760 χ^2 /NDF: 1127.9/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

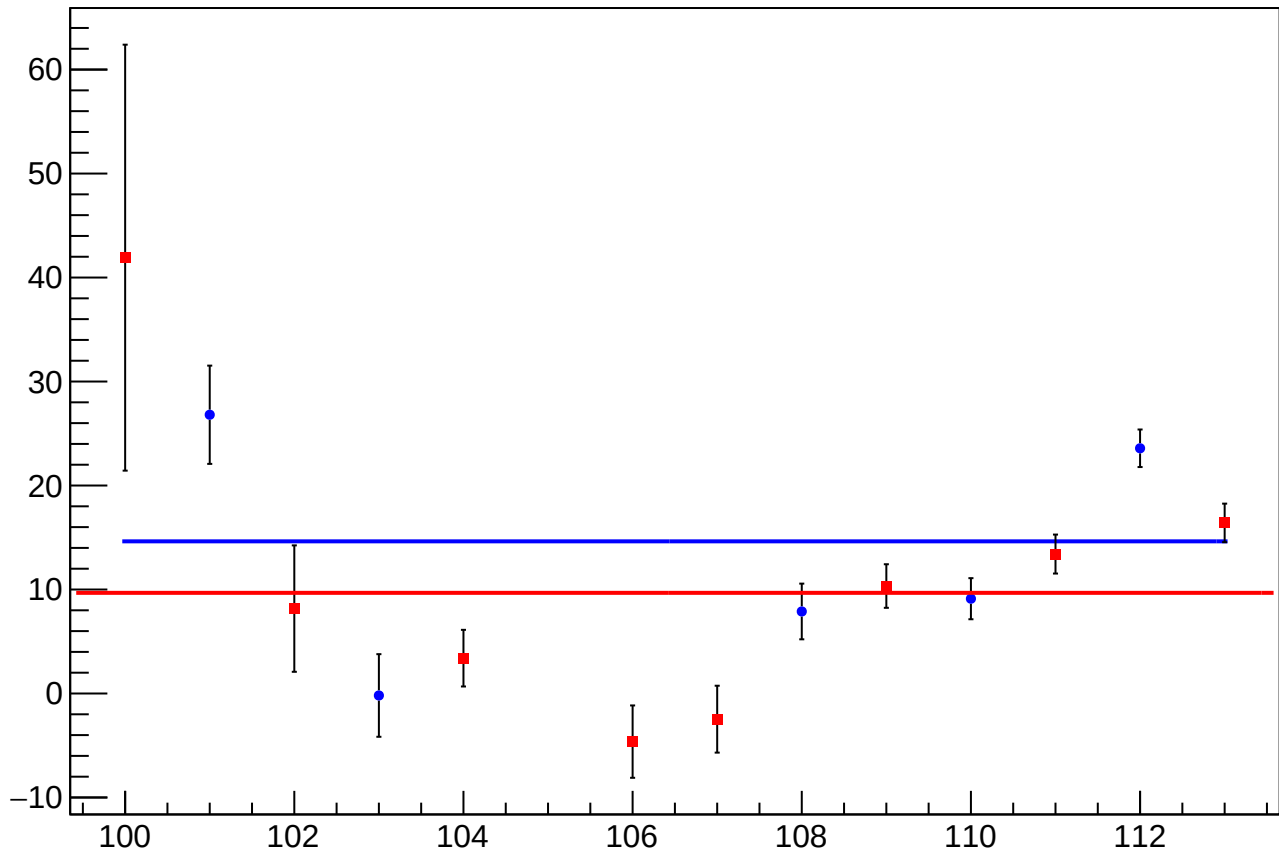
Right: -18.195 $\pm$ 0.578 χ^2 /NDF: 2124.7/12

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: -18.195 $\pm$ 0.578 χ^2 /NDF: 2124.7/12

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: 9.680+/-0.934 χ^2/NDF : 56.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

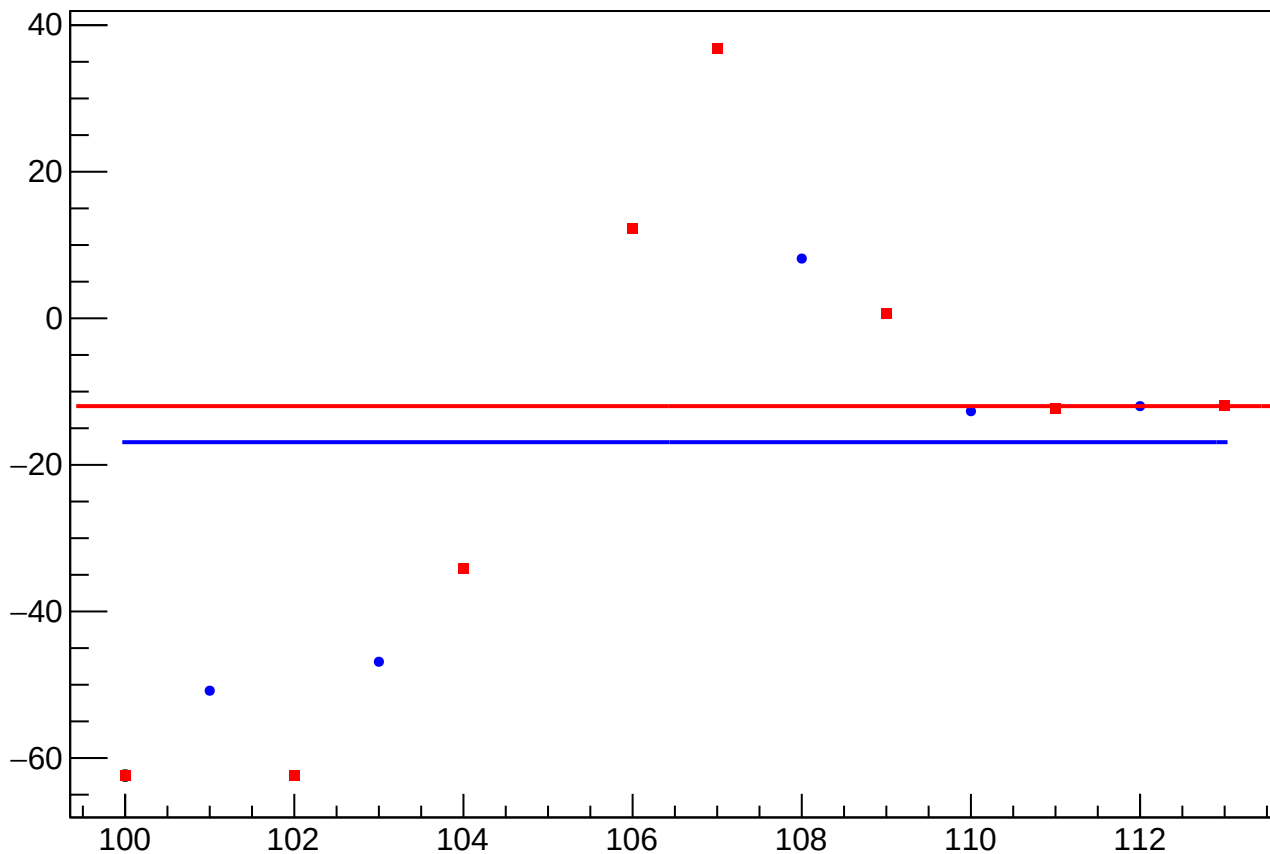
Right: 11.730+/-0.715 χ^2/NDF : 127.2/12

In: 14.632+/-1.111 χ^2/NDF : 59.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.730+/-0.715 χ^2/NDF : 127.2/12

reg_asym_us_dd_atlr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.901+/-0.052 χ^2/NDF : 189403.0/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.982+/-0.048 χ^2/NDF : 276452.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

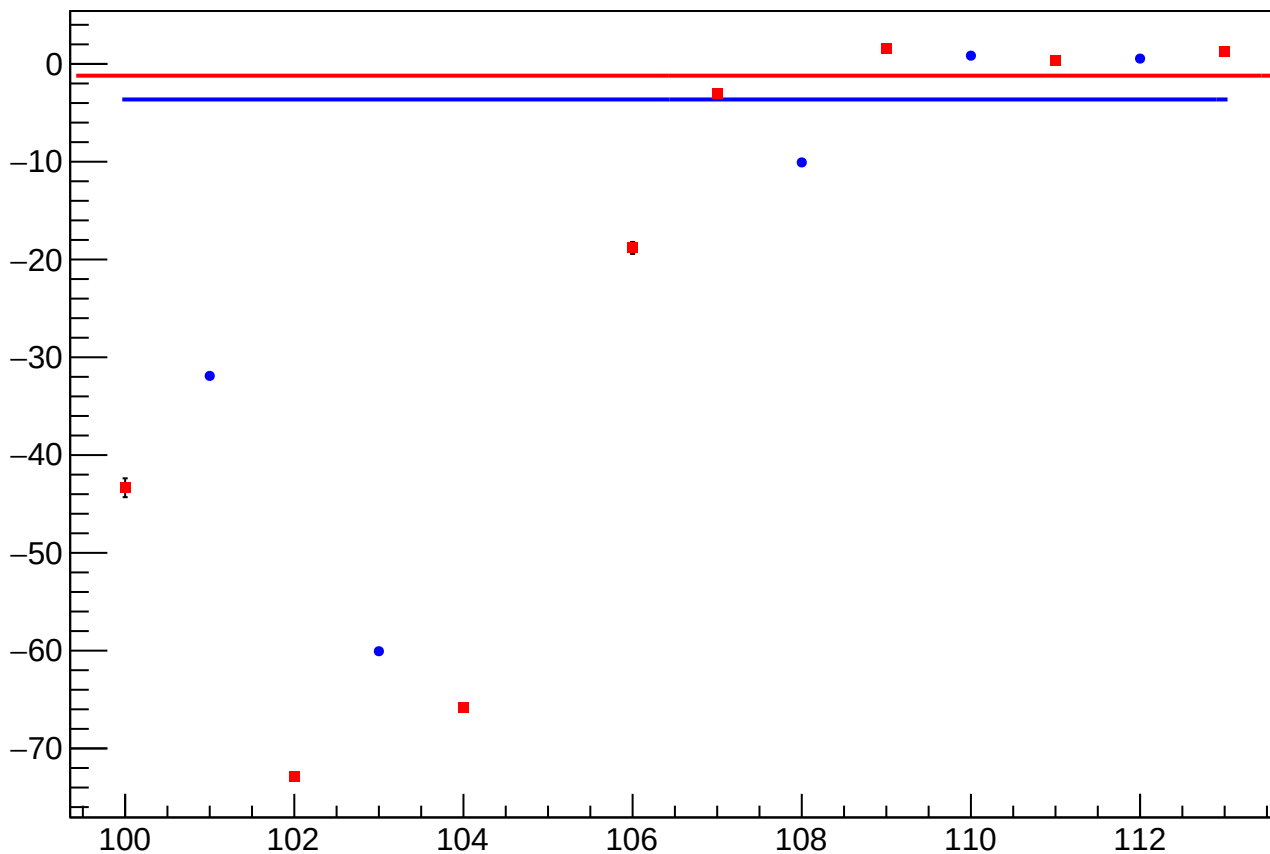
Right: -14.222+/-0.035 χ^2/NDF : 470671.3/12

In: -16.901+/-0.052 χ^2/NDF : 189403.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.222+/-0.035 χ^2/NDF : 470671.3/12

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.635+/-0.076 χ^2/NDF : 29240.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.201+/-0.056 χ^2/NDF : 47466.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

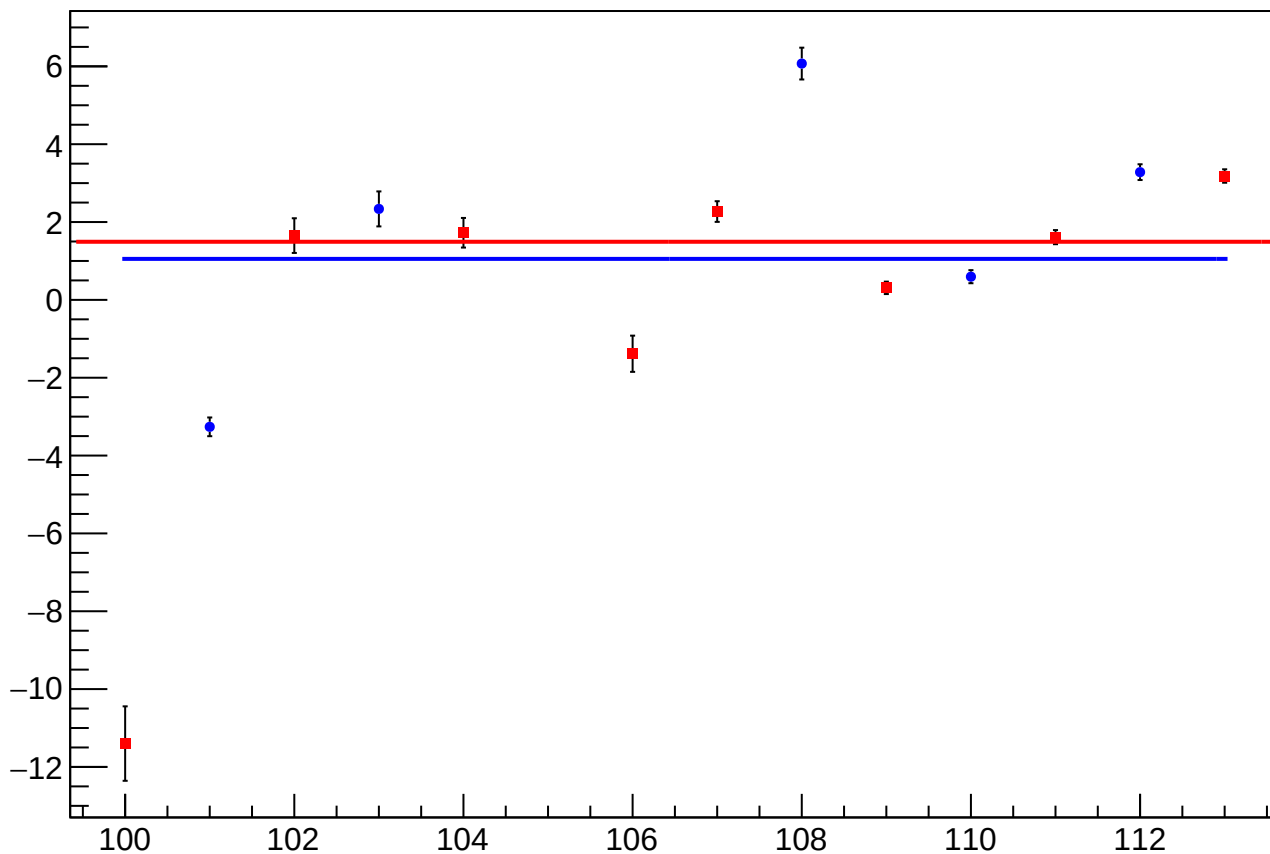
Right: -2.045+/-0.045 χ^2/NDF : 77369.9/12

In: -3.635+/-0.076 χ^2/NDF : 29240.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.045+/-0.045 χ^2/NDF : 77369.9/12

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: 1.493+/-0.086 χ^2/NDF : 380.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

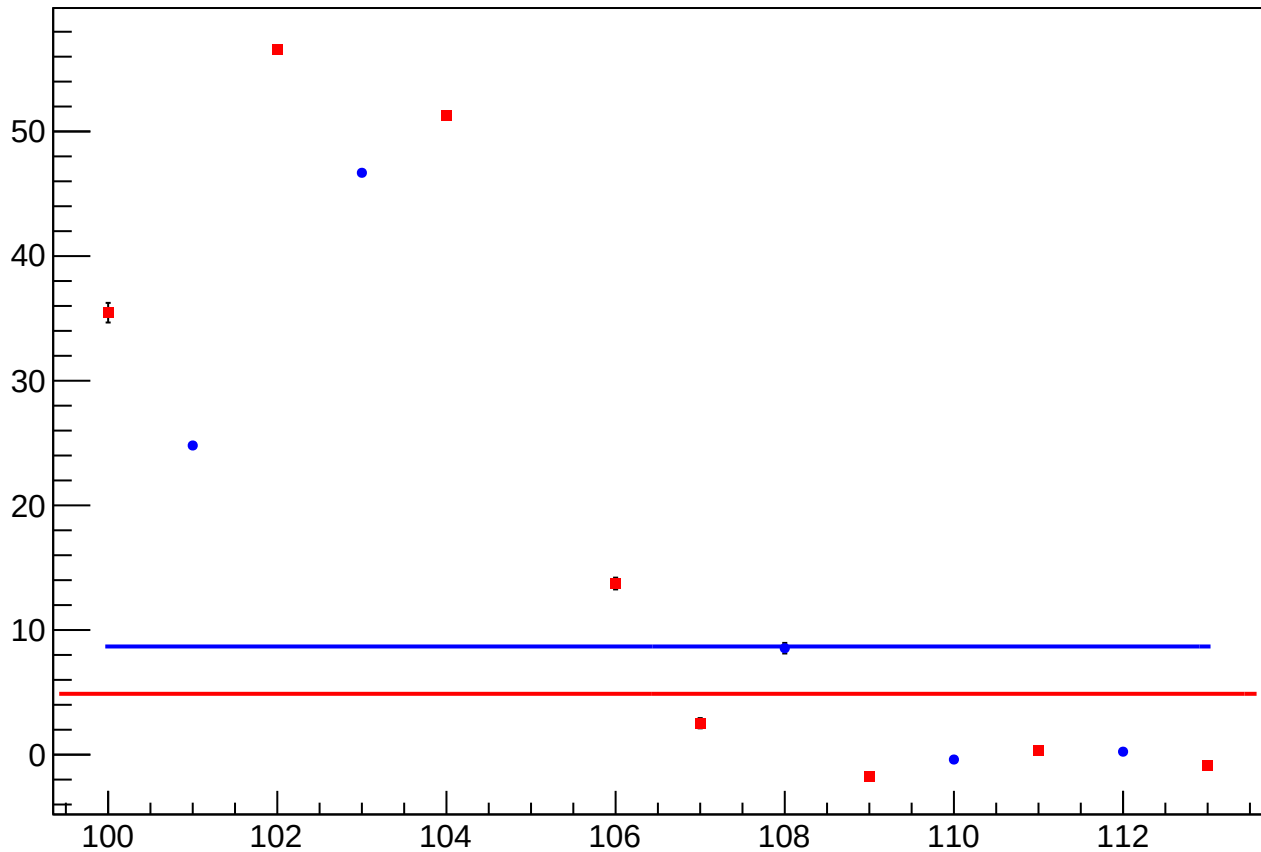
Right: 1.320+/-0.067 χ^2/NDF : 999.9/12

In: 1.053+/-0.107 χ^2/NDF : 609.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.320+/-0.067 χ^2/NDF : 999.9/12

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: 4.882+/-0.078 χ^2/NDF : 42788.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

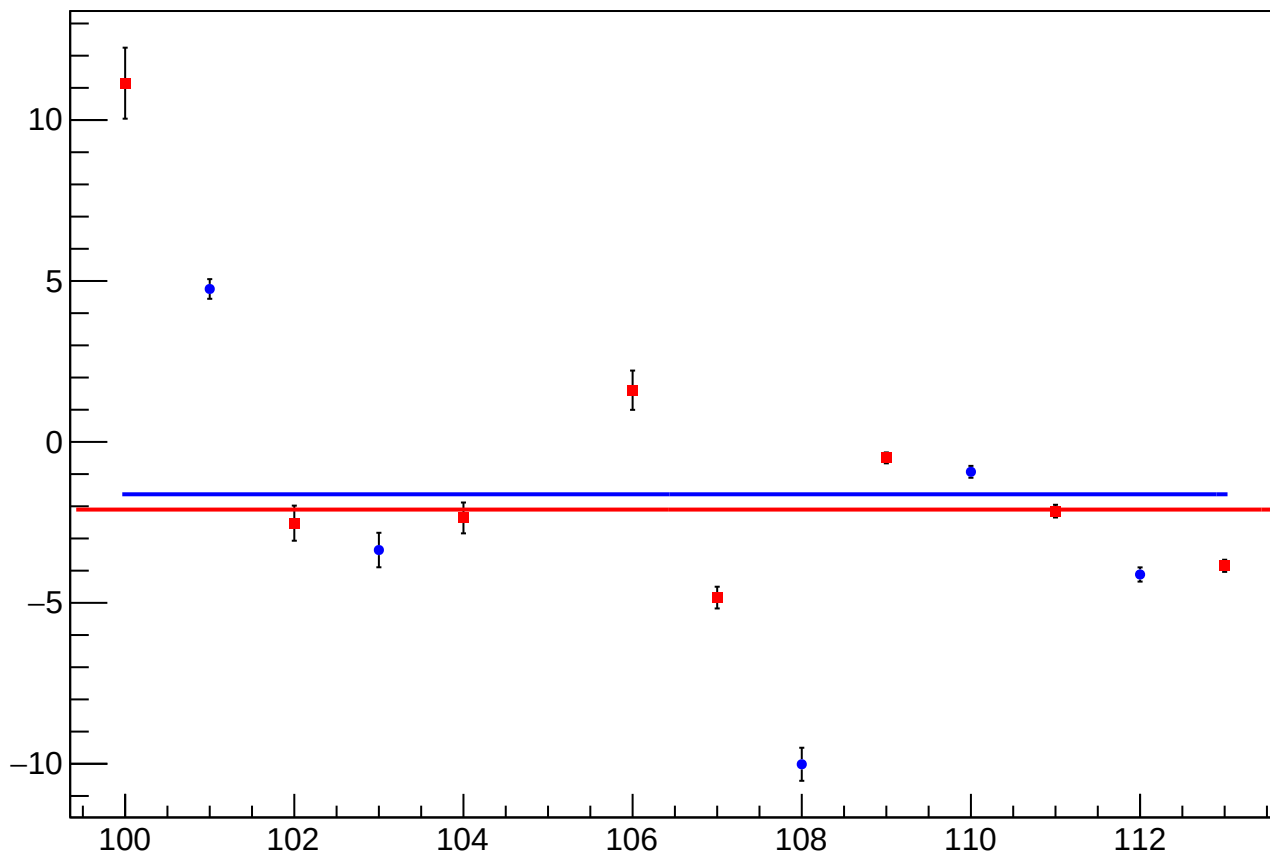
Right: 6.356+/-0.061 χ^2/NDF : 66721.4/12

In: 8.679+/-0.098 χ^2/NDF : 23007.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.356+/-0.061 χ^2/NDF : 66721.4/12

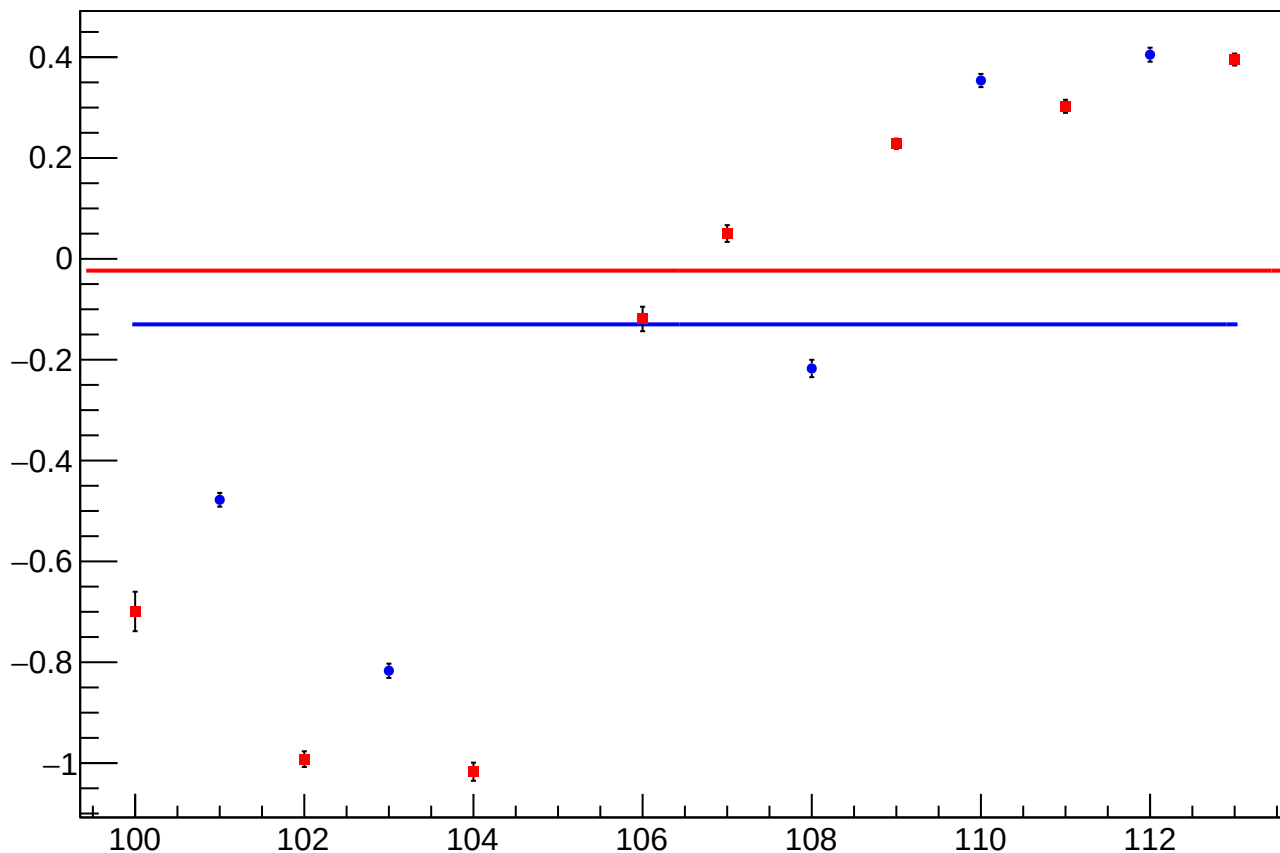
reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



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: -2.102 ± 0.096 χ^2/NDF : 423.2/7
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -1.919 ± 0.075 χ^2/NDF : 1287.2/12
 In: -1.627 ± 0.121 χ^2/NDF : 854.6/4
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -1.919 ± 0.075 χ^2/NDF : 1287.2/12

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.130+/-0.006 χ^2/NDF : 5877.1/4

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.023+/-0.005 χ^2/NDF : 9764.0/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

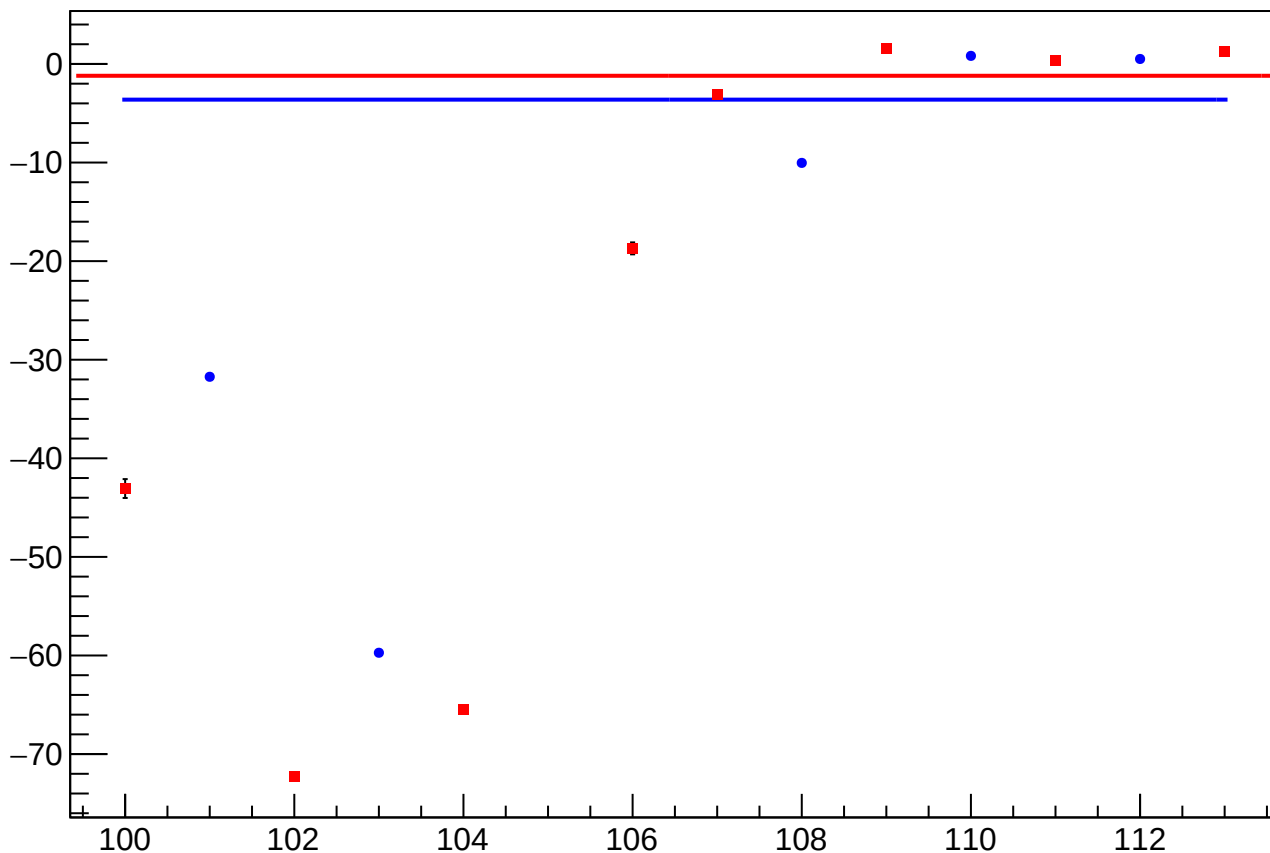
Right: -0.067+/-0.004 χ^2/NDF : 15807.7/12

In: -0.130+/-0.006 χ^2/NDF :5877.1/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.067+/-0.004 χ^2/NDF : 15807.7/12

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: -1.199+/-0.055 χ^2/NDF : 47428.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

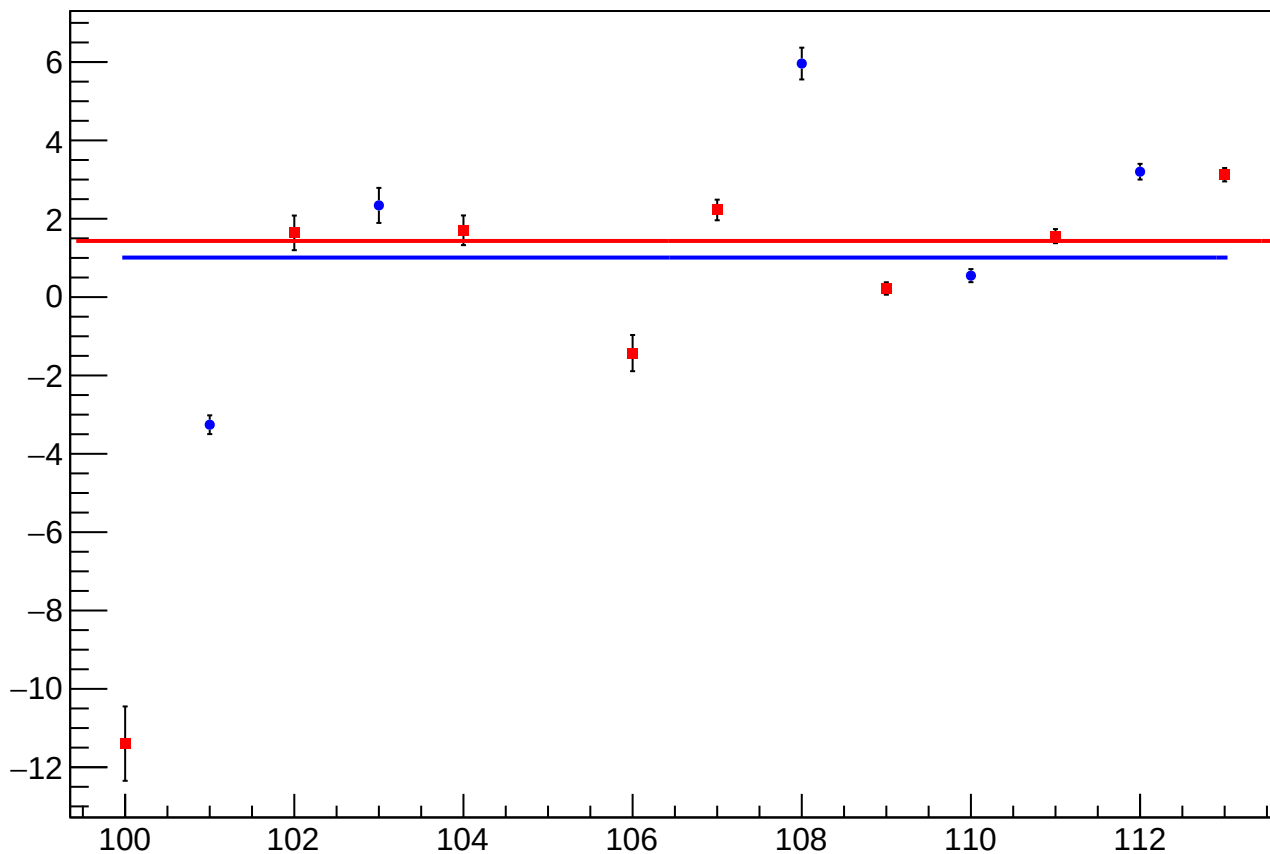
Right: -2.037+/-0.045 χ^2/NDF : 77292.5/12

In: -3.619+/-0.076 χ^2/NDF : 29198.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.037+/-0.045 χ^2/NDF : 77292.5/12

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.009 $\pm$ 0.106 χ^2 /NDF: 602.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.433 $\pm$ 0.085 χ^2 /NDF: 387.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

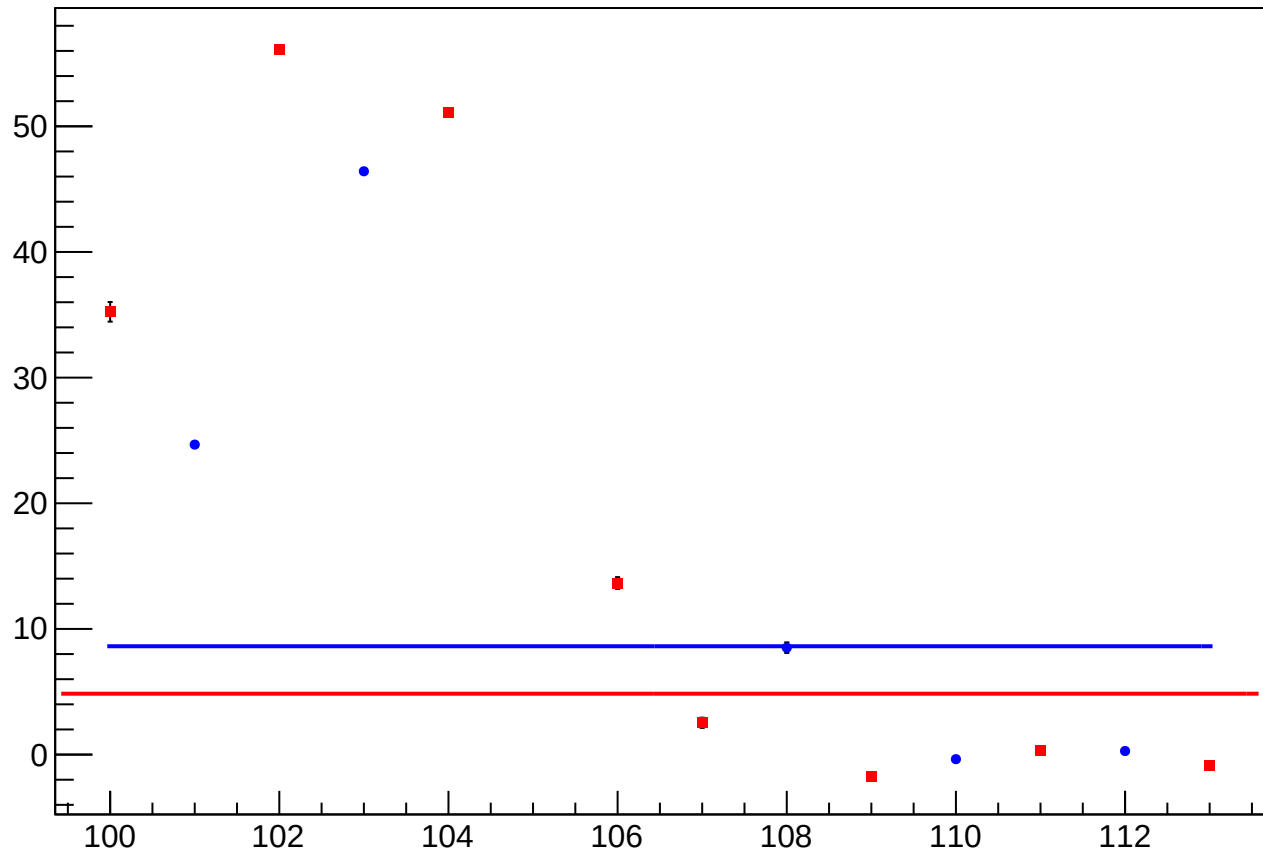
Right: 1.266 $\pm$ 0.066 χ^2 /NDF: 1000.1/12

In: 1.009 $\pm$ 0.106 χ^2 /NDF:602.7/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.266 $\pm$ 0.066 χ^2 /NDF: 1000.1/12

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: 4.847+/-0.077 χ^2/NDF : 42755.9/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

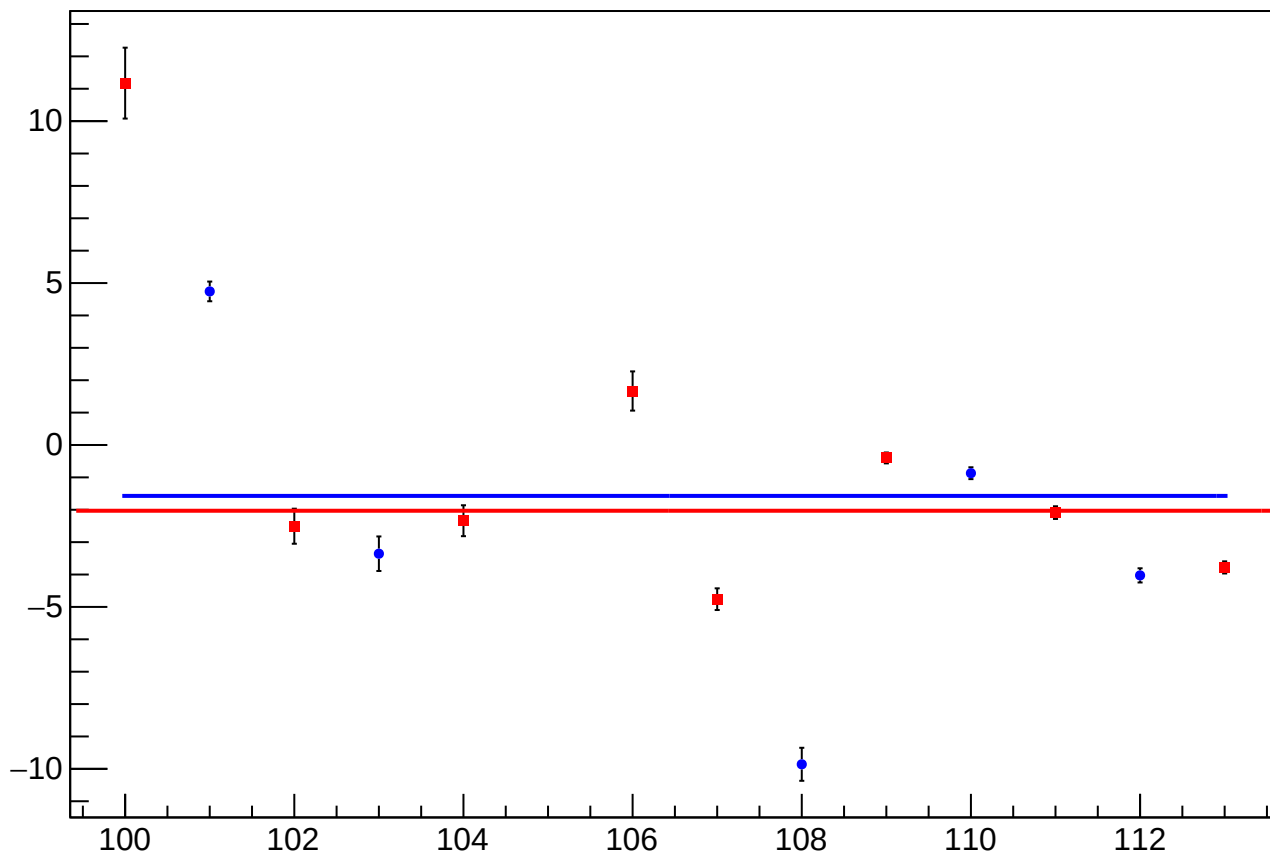
Right: 6.312+/-0.060 χ^2/NDF : 66659.6/12

In: 8.622+/-0.097 χ^2/NDF : 22975.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.312+/-0.060 χ^2/NDF : 66659.6/12

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: -2.030+/-0.095 χ^2 /NDF: 432.1/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

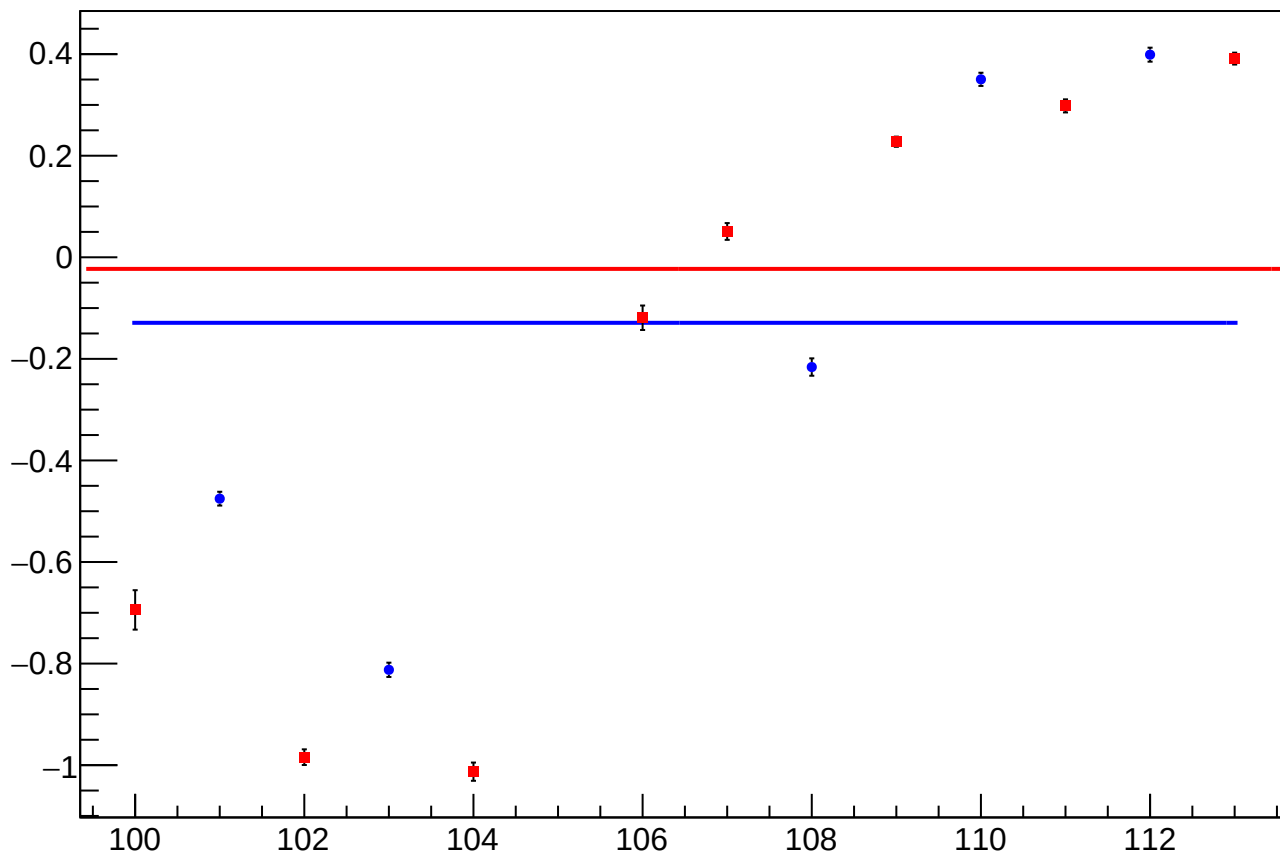
Right: -1.854+/-0.075 χ^2 /NDF: 1288.2/12

In: -1.572+/-0.120 χ^2 /NDF:847.2/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1.854+/-0.075 χ^2 /NDF: 1288.2/12

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: -0.023+/-0.005 χ^2/NDF : 9756.1/7

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

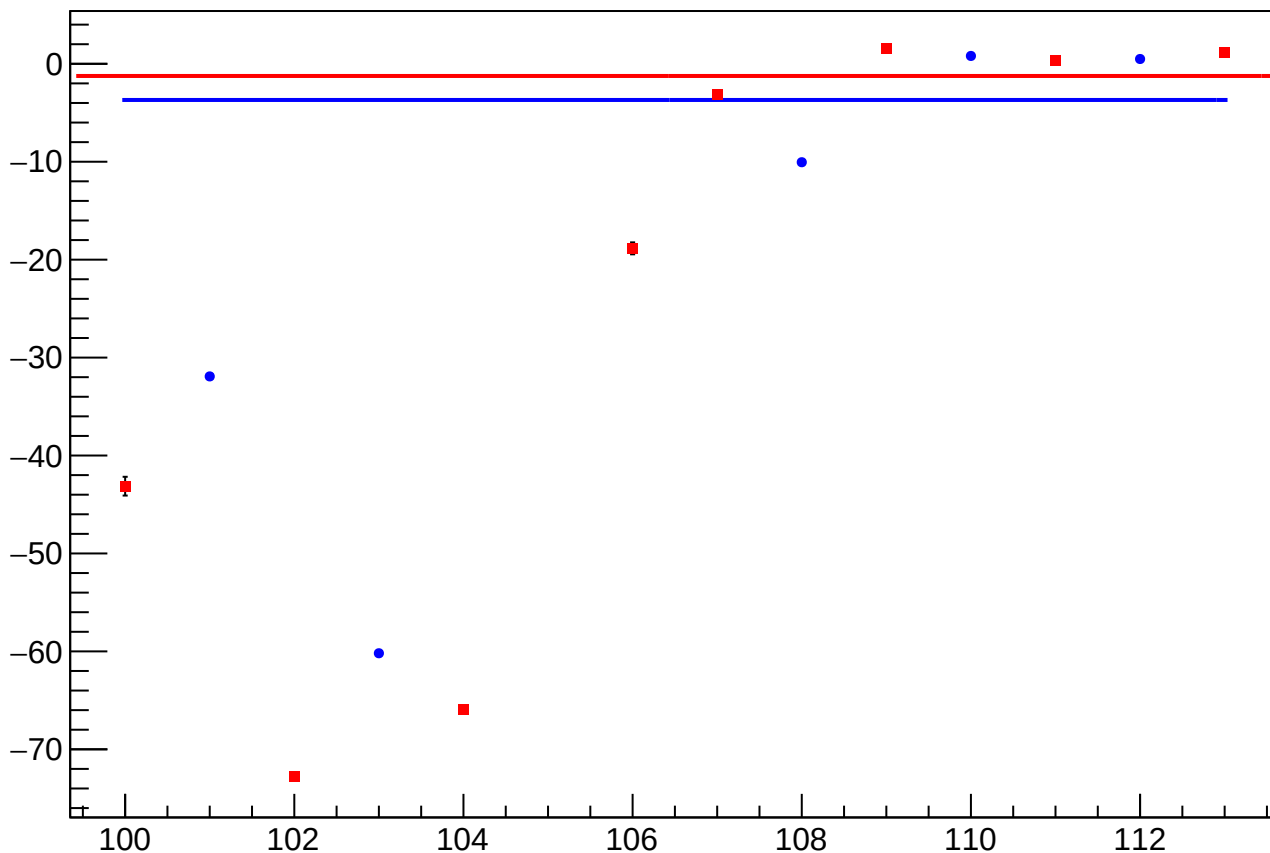
Right: -0.066+/-0.004 χ^2/NDF : 15784.3/12

In: -0.129+/-0.006 χ^2/NDF :5860.4/4

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.066+/-0.004 χ^2/NDF : 15784.3/12

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: -1.242 $\pm$ 0.056 χ^2 /NDF: 47402.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

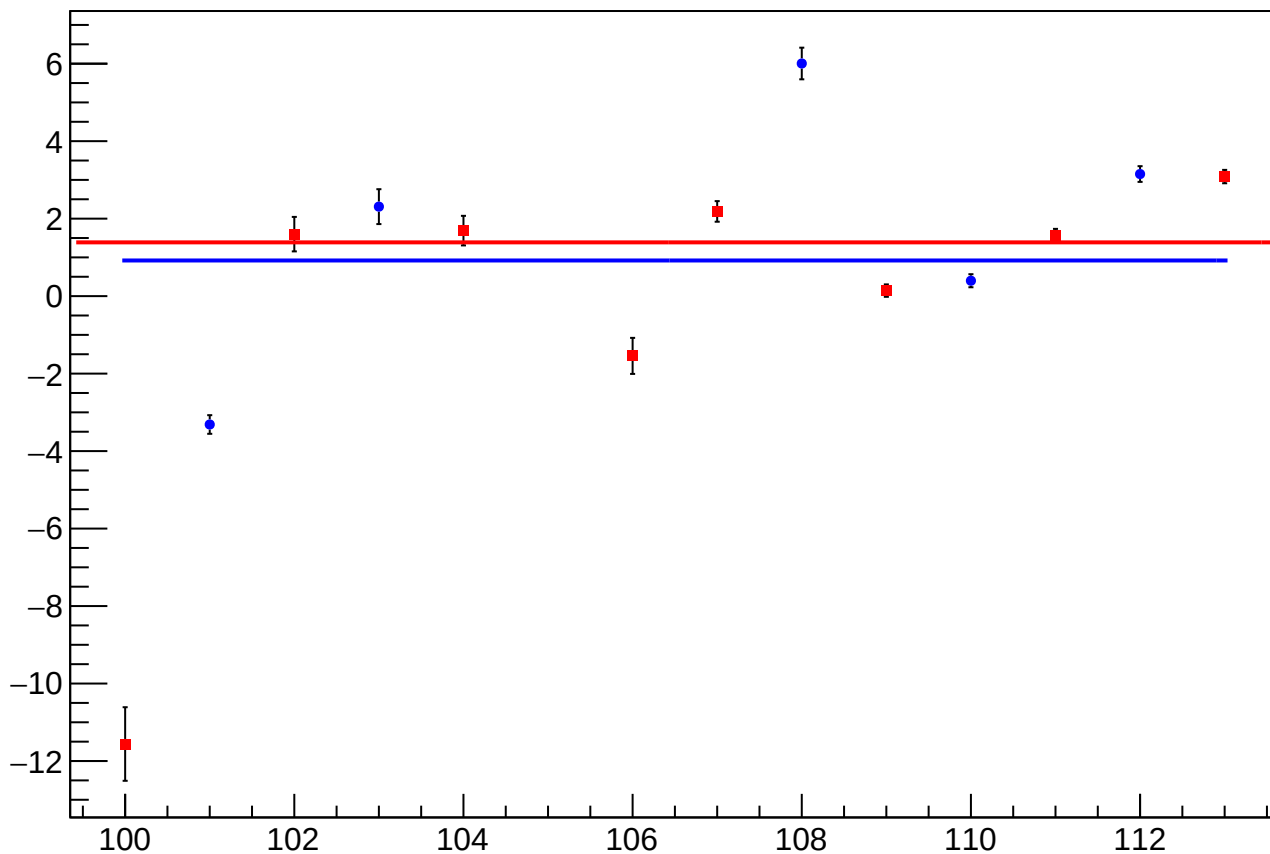
Right: -2.091 $\pm$ 0.045 χ^2 /NDF: 77275.4/12

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: -2.091 $\pm$ 0.045 χ^2 /NDF: 77275.4/12

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: 1.388+/-0.086 χ^2/NDF : 393.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

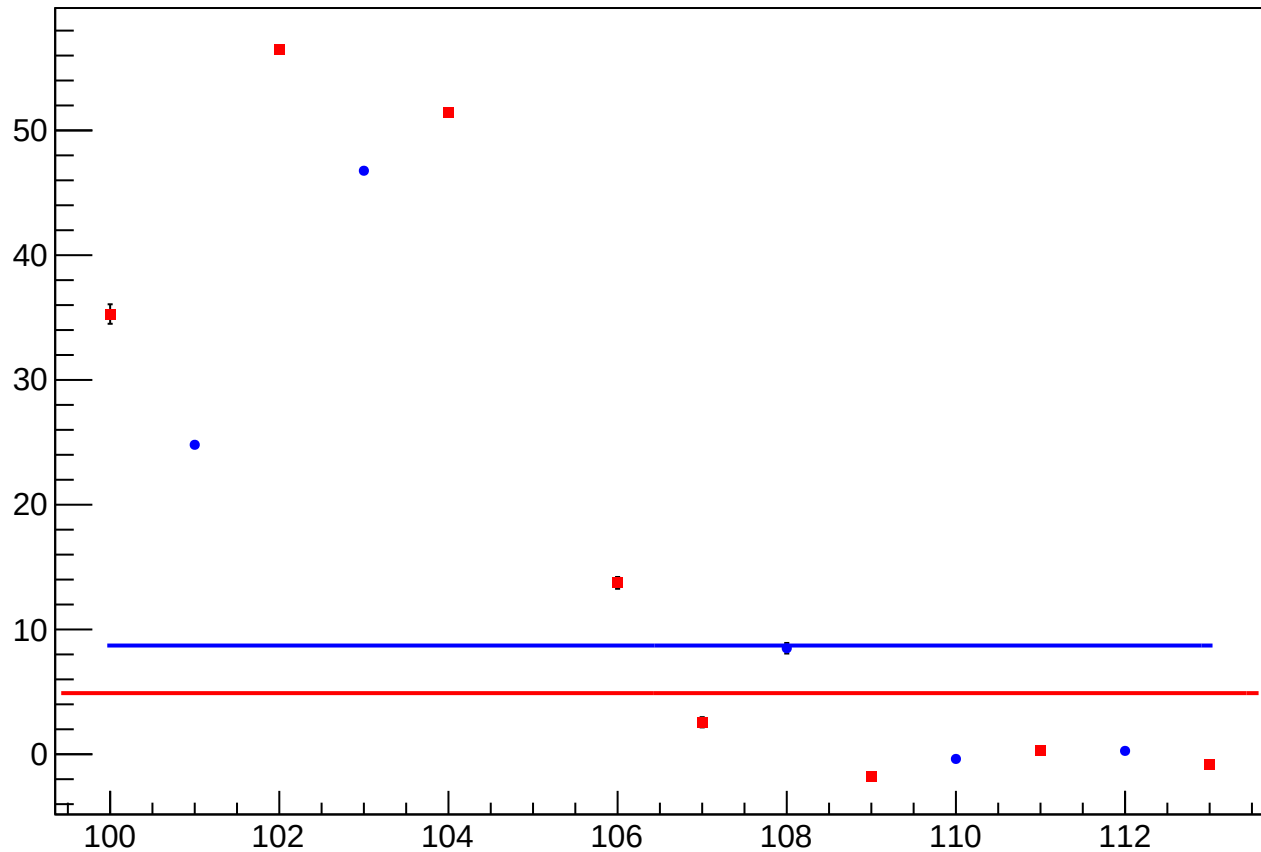
Right: 1.203+/-0.067 χ^2/NDF : 1009.8/12

In: 0.920+/-0.107 χ^2/NDF : 604.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.203+/-0.067 χ^2/NDF : 1009.8/12

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: 4.898 ± 0.078 χ^2/NDF : 42735.8/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

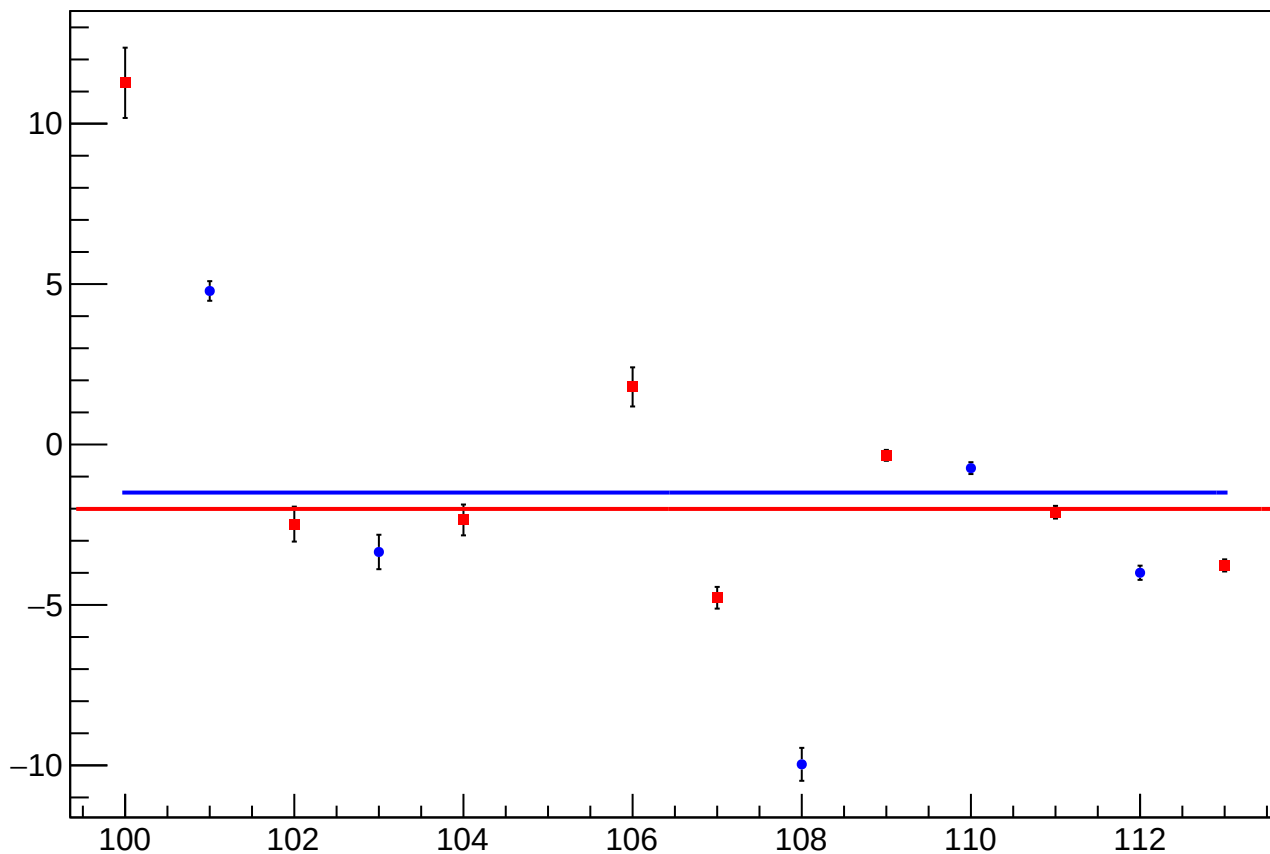
Right: 6.380 ± 0.061 χ^2/NDF : 66641.9/12

In: 8.713 ± 0.098 χ^2/NDF : 22975.2/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 6.380 ± 0.061 χ^2/NDF : 66641.9/12

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: -2.008 $\pm$ 0.096 χ^2 /NDF: 437.8/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

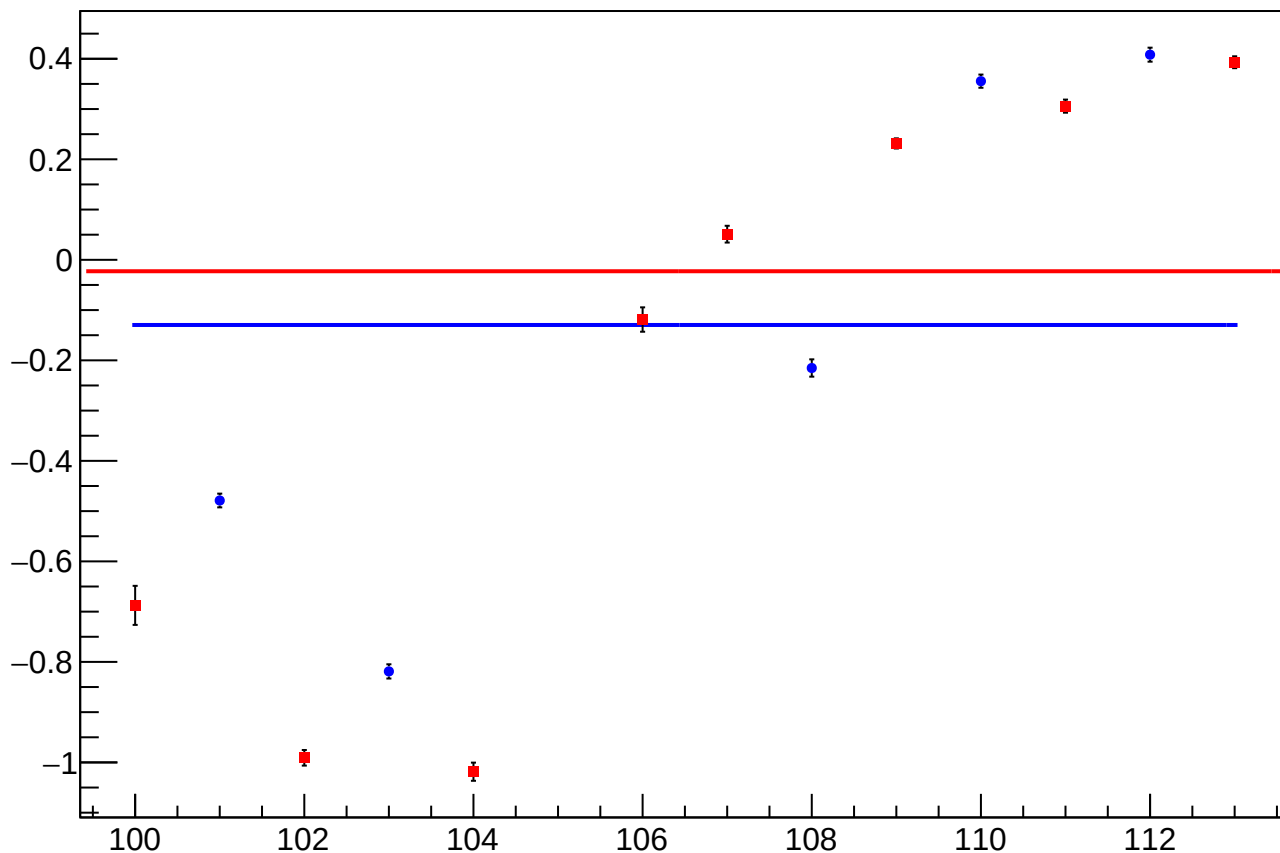
Right: -1.812 $\pm$ 0.075 χ^2 /NDF: 1299.9/12

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: -1.812 $\pm$ 0.075 χ^2 /NDF: 1299.9/12

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: -0.023+/-0.005 χ^2/NDF : 9754.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

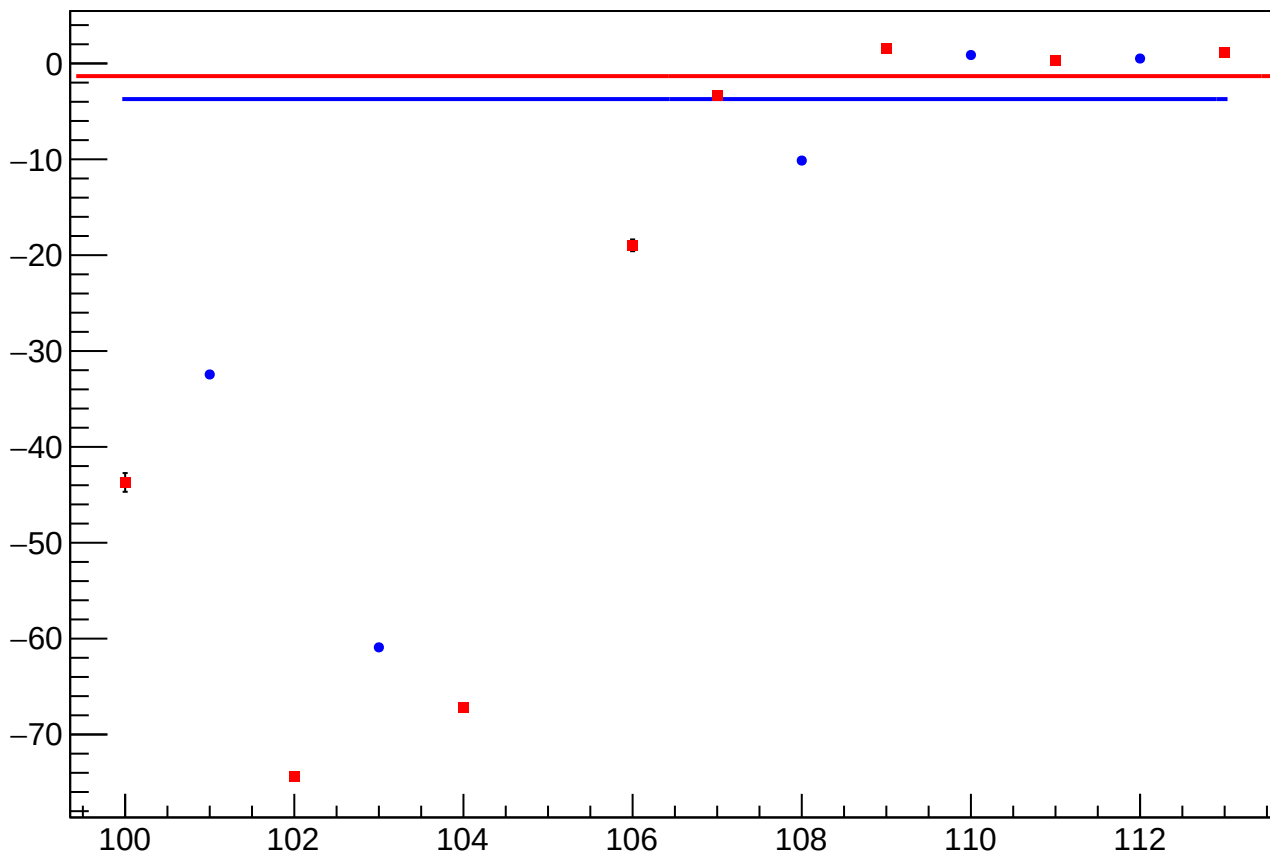
Right: -0.066+/-0.004 χ^2/NDF : 15824.7/12

In: -0.130+/-0.006 χ^2/NDF : 5902.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.066+/-0.004 χ^2/NDF : 15824.7/12

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: -1.322+/-0.057 χ^2/NDF : 47088.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

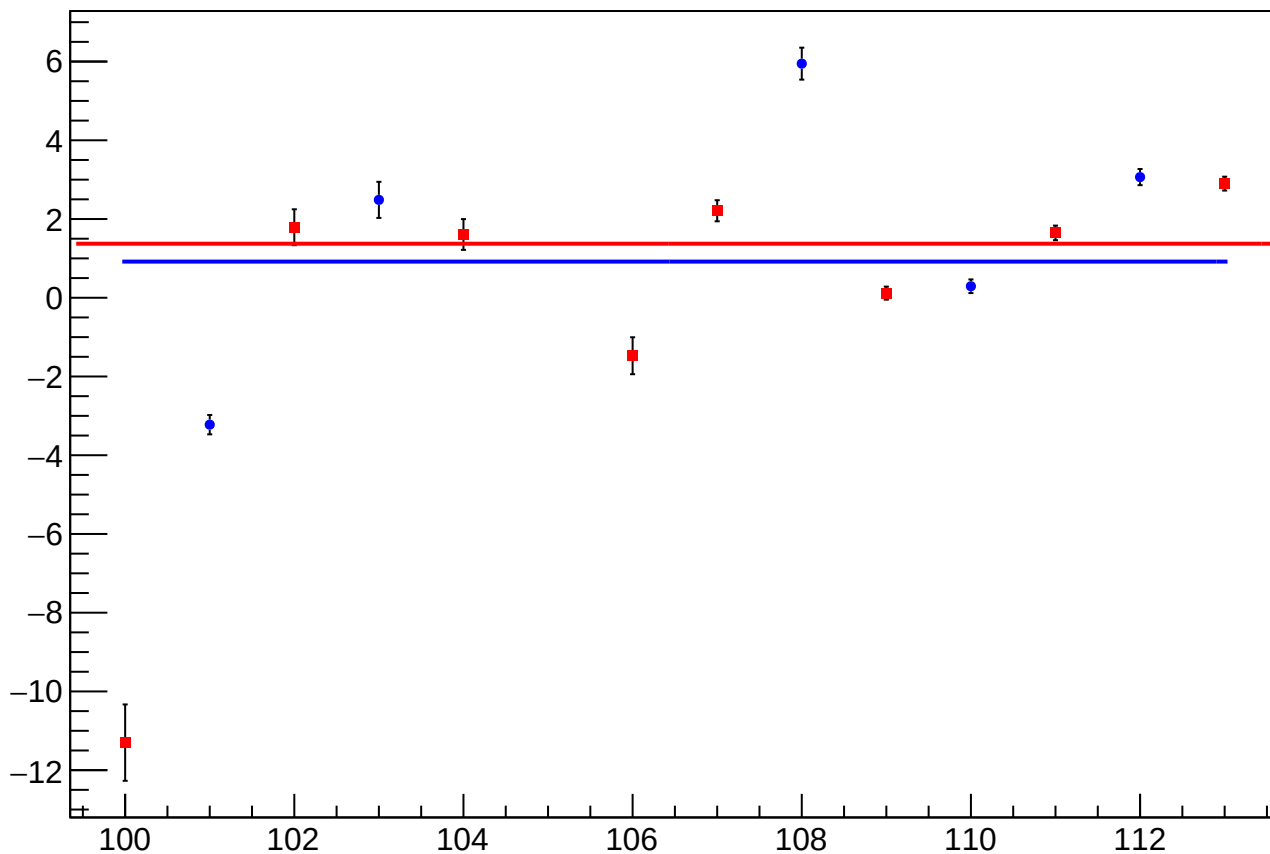
Right: -2.157+/-0.046 χ^2/NDF : 76535.2/12

In: -3.718+/-0.078 χ^2/NDF : 28835.1/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.157+/-0.046 χ^2/NDF : 76535.2/12

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.919 $\pm$ 0.109 χ^2 /NDF: 570.3/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.373 $\pm$ 0.088 χ^2 /NDF: 353.7/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

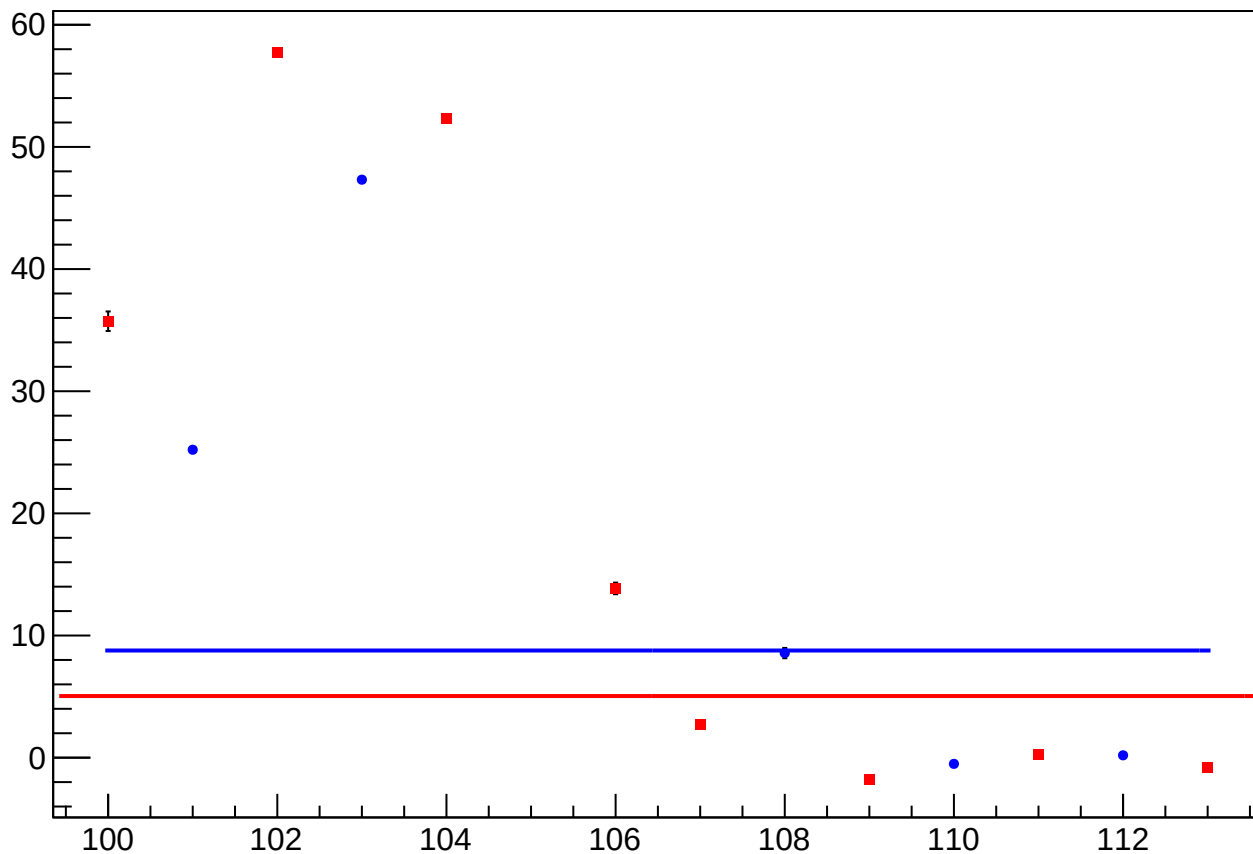
Right: 1.193 $\pm$ 0.069 χ^2 /NDF: 934.5/12

In: 0.919 $\pm$ 0.109 χ^2 /NDF:570.3/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.193 $\pm$ 0.069 χ^2 /NDF: 934.5/12

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: 5.045+/-0.080 χ^2/NDF : 42437.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

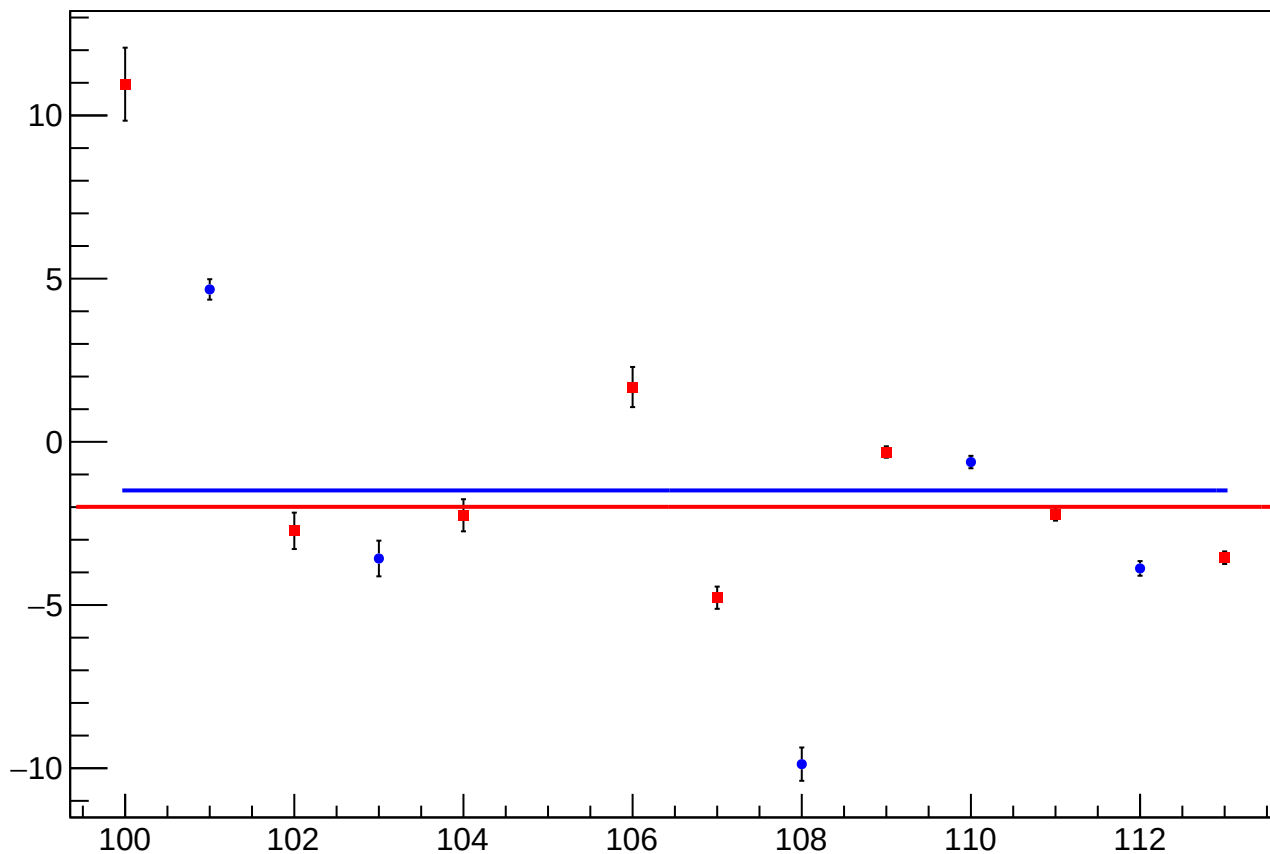
Right: 6.499+/-0.062 χ^2/NDF : 66040.3/12

In: 8.773+/-0.100 χ^2/NDF : 22752.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.499+/-0.062 χ^2/NDF : 66040.3/12

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: -1.992 ± 0.098 χ^2/NDF : 397.2/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

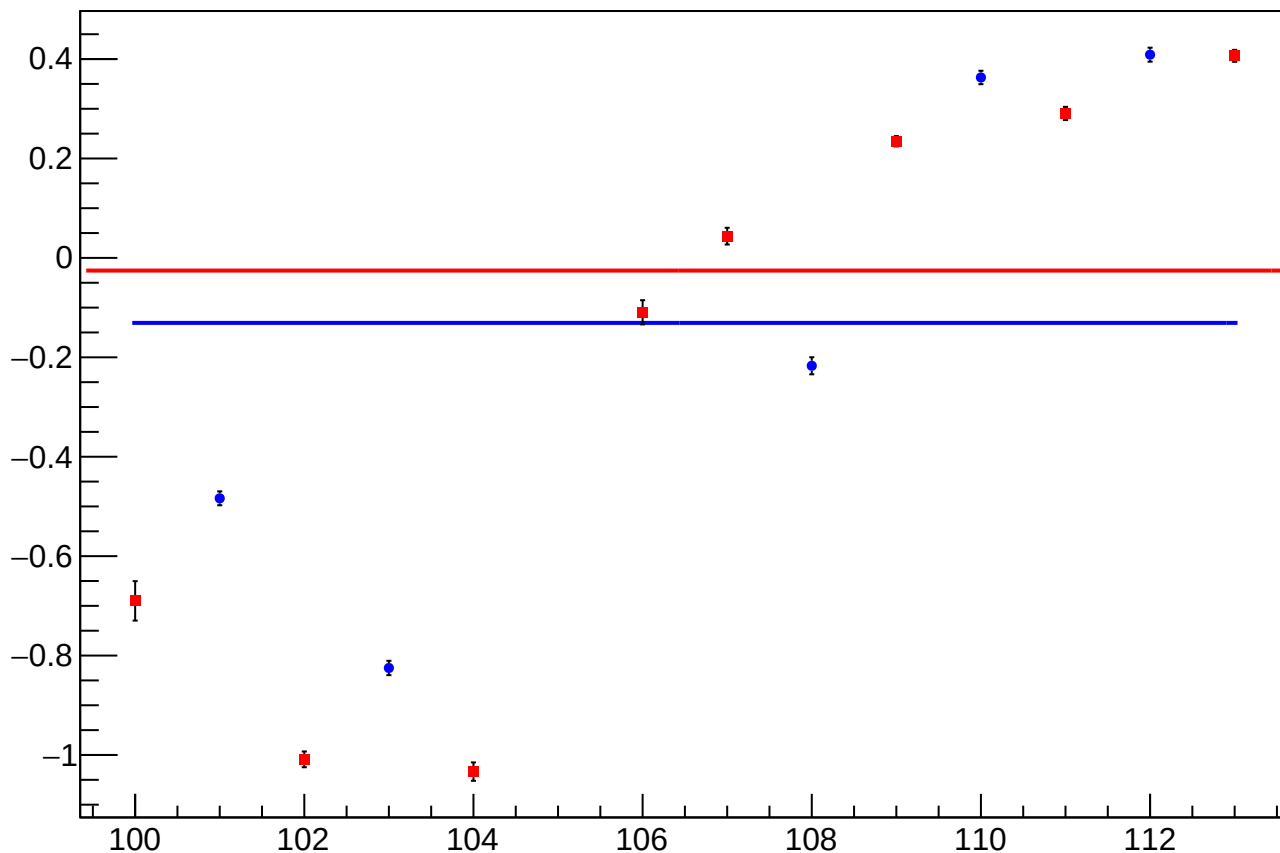
Right: -1.798 ± 0.077 χ^2/NDF : 1214.0/12

In: -1.489 ± 0.124 χ^2/NDF : 806.7/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.798 ± 0.077 χ^2/NDF : 1214.0/12

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: -0.025+/-0.005 χ^2/NDF : 9587.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

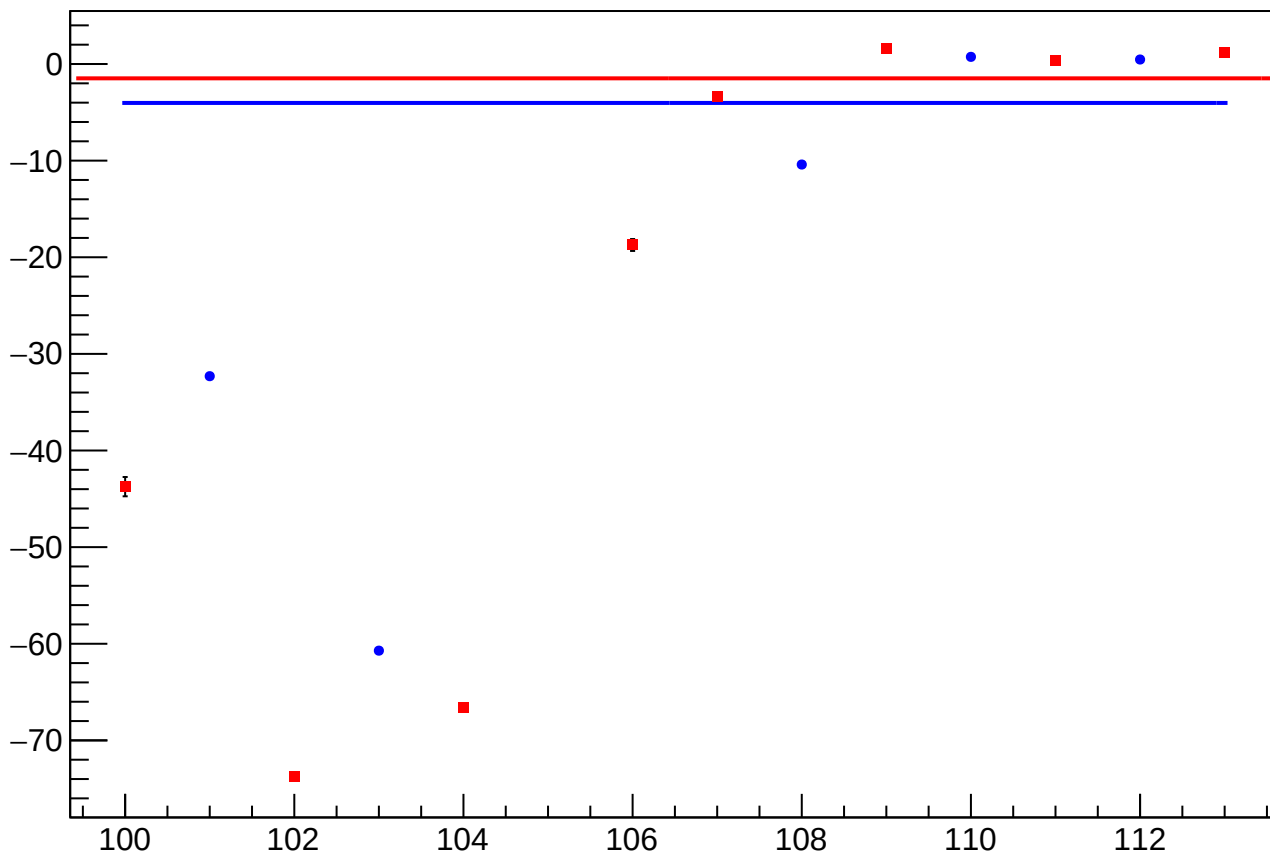
Right: -0.068+/-0.004 χ^2/NDF : 15513.4/12

In: -0.131+/-0.006 χ^2/NDF : 5770.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.068+/-0.004 χ^2/NDF : 15513.4/12

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.029+/-0.081 χ^2/NDF : 28130.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.484+/-0.059 χ^2/NDF : 46203.7/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

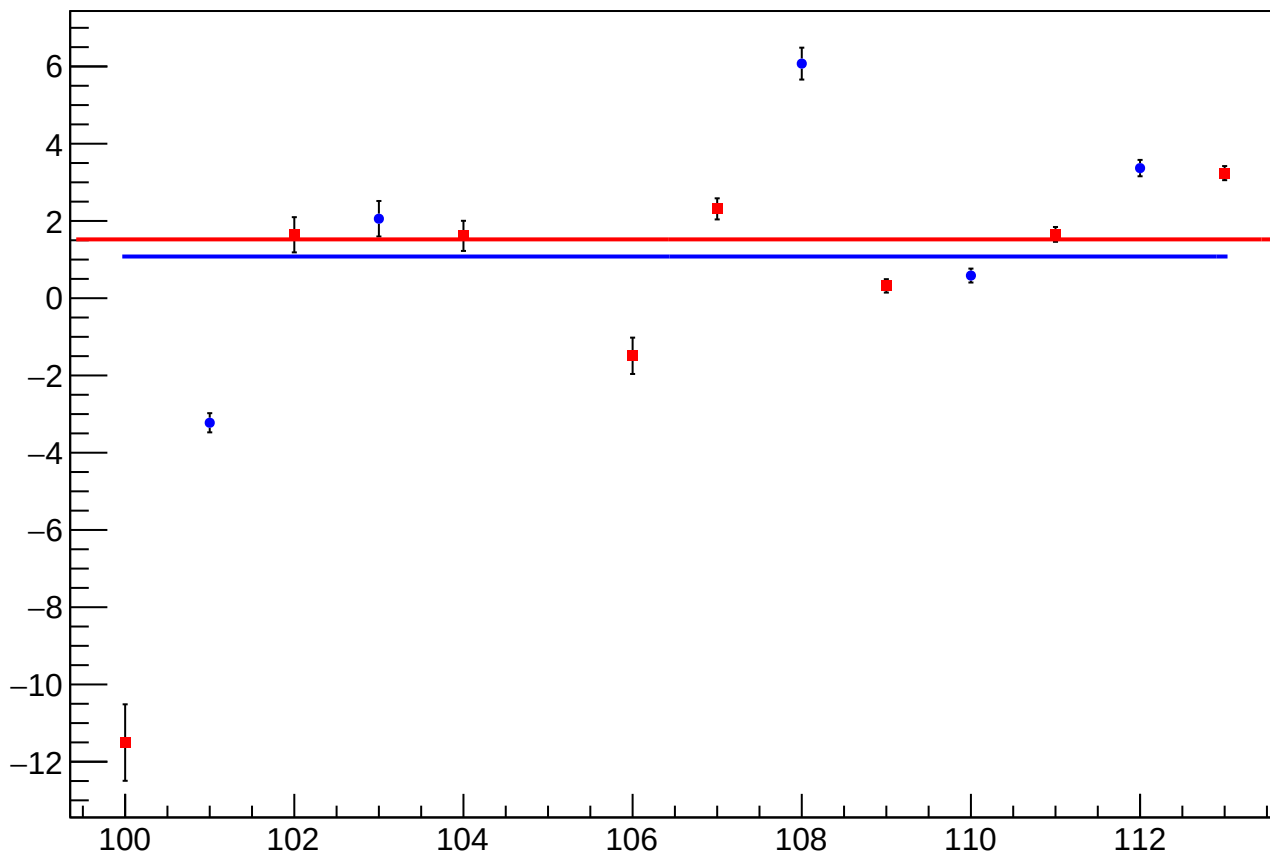
Right: -2.379+/-0.048 χ^2/NDF : 74979.9/12

In: -4.029+/-0.081 χ^2/NDF : 28130.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.379+/-0.048 χ^2/NDF : 74979.9/12

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: 1.523+/-0.091 χ^2/NDF : 359.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

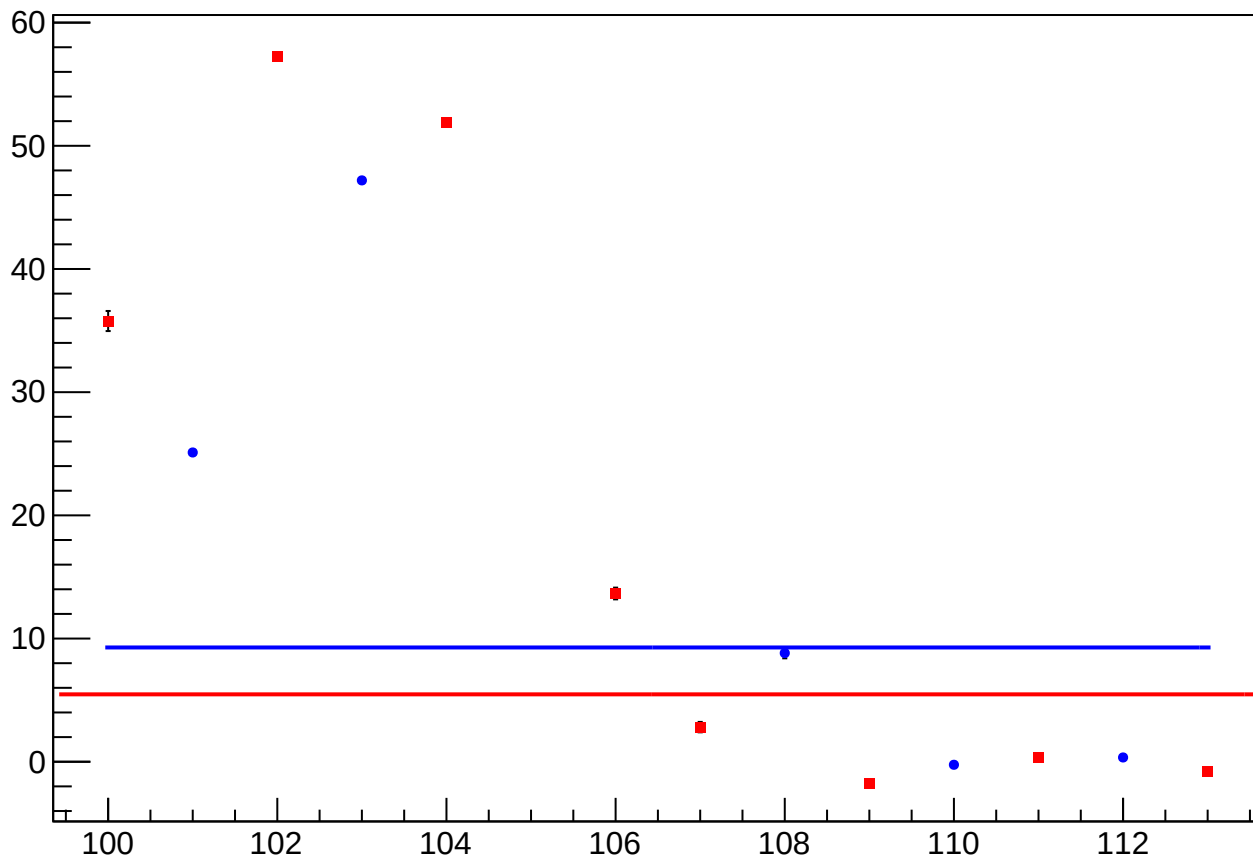
Right: 1.346+/-0.071 χ^2/NDF : 944.7/12

In: 1.079+/-0.112 χ^2/NDF : 575.7/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.346+/-0.071 χ^2/NDF : 944.7/12

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: 5.471+/-0.083 χ^2/NDF : 41280.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

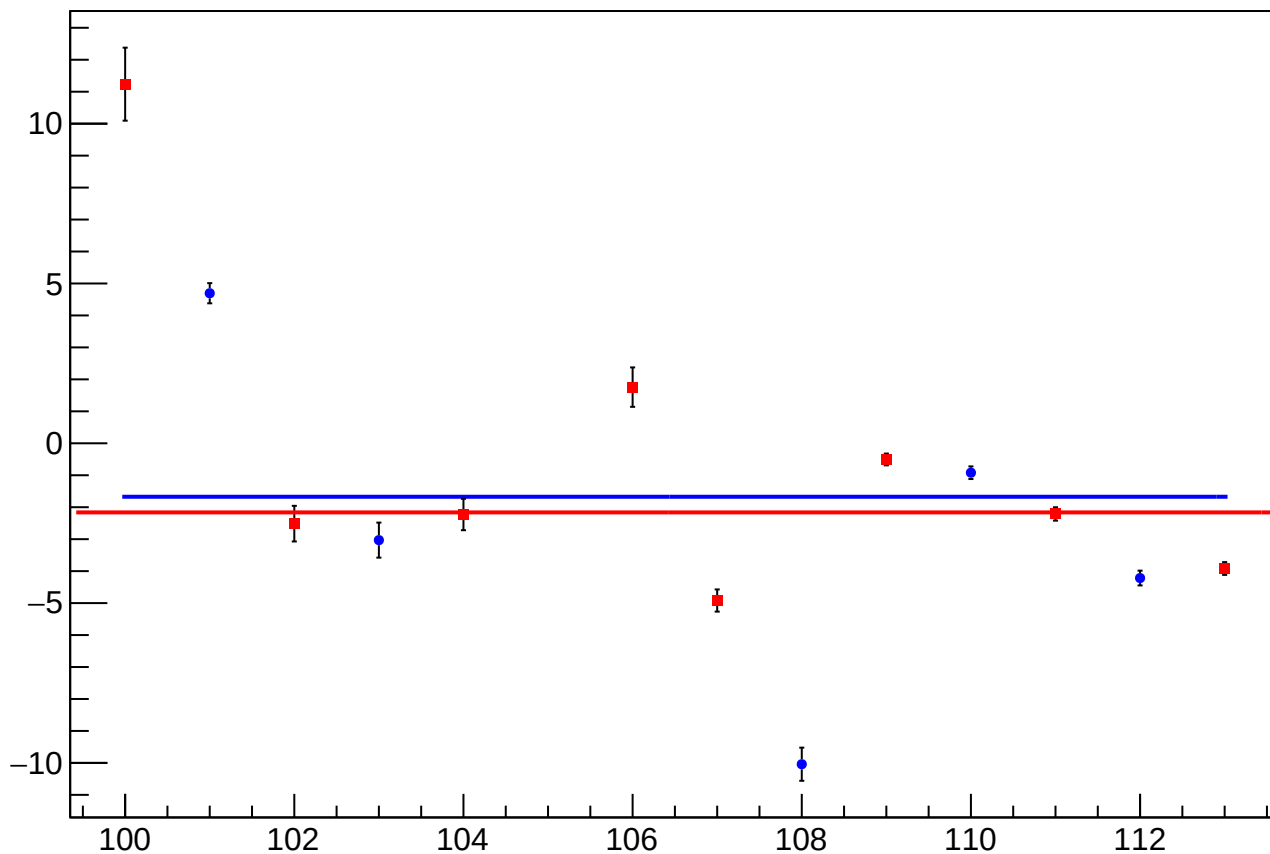
Right: 6.970+/-0.064 χ^2/NDF : 63973.5/12

In: 9.276+/-0.102 χ^2/NDF : 21857.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.970+/-0.064 χ^2/NDF : 63973.5/12

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: -2.162 ± 0.102 χ^2/NDF : 399.7/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

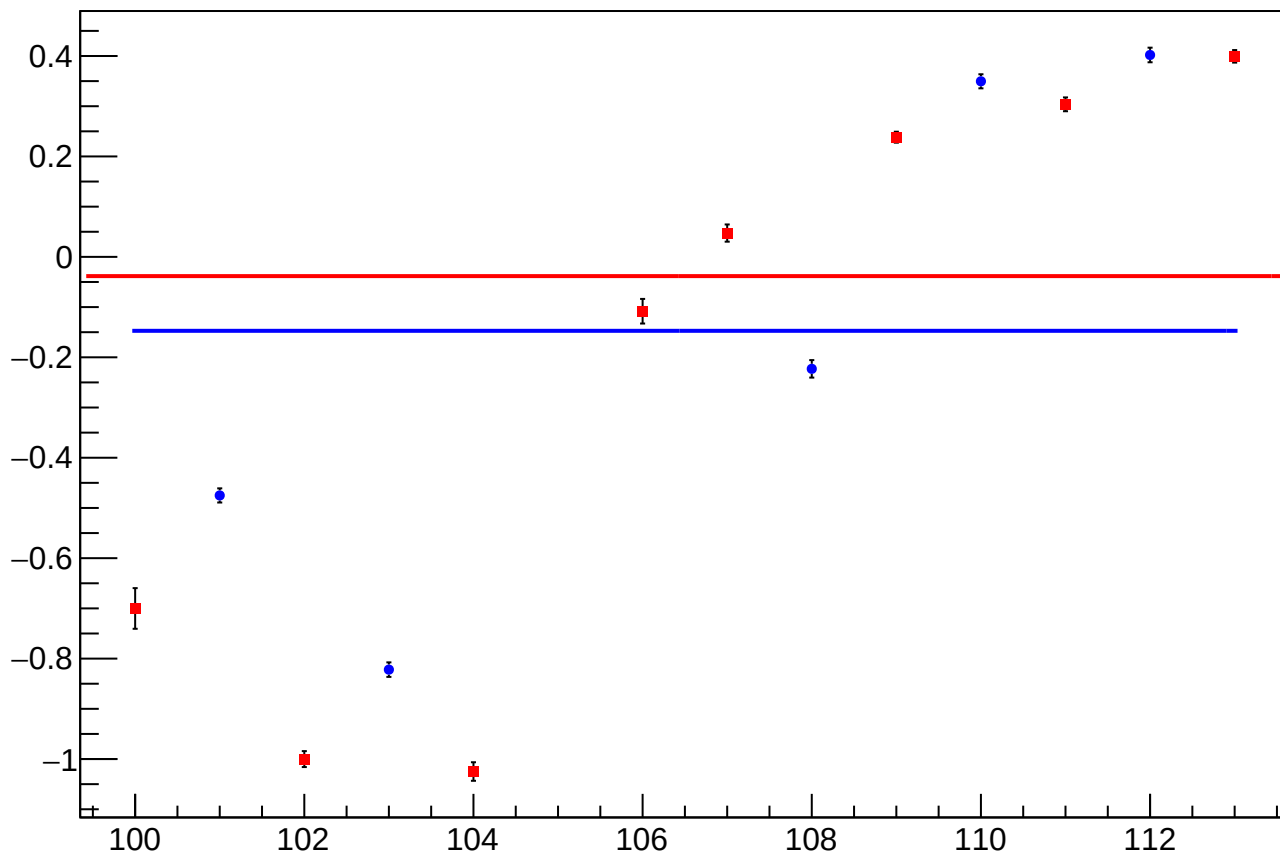
Right: -1.972 ± 0.080 χ^2/NDF : 1218.1/12

In: -1.673 ± 0.128 χ^2/NDF : 809.3/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.972 ± 0.080 χ^2/NDF : 1218.1/12

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.147 ± 0.007 $\chi^2/\text{NDF}: 5416.0/4$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.038 ± 0.006 $\chi^2/\text{NDF}: 9313.4/7$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

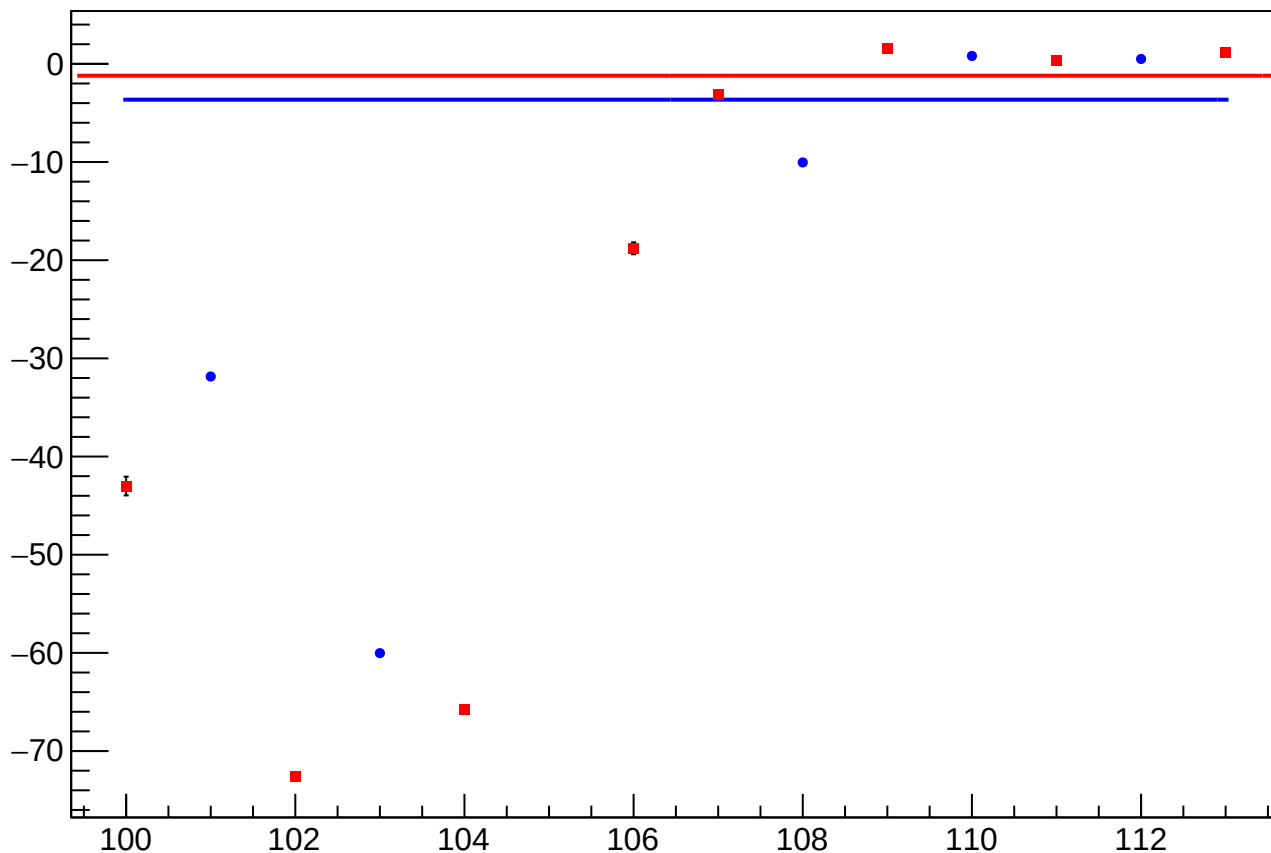
Right: -0.083 ± 0.004 $\chi^2/\text{NDF}: 14889.3/12$

In: -0.147 ± 0.007 $\chi^2/\text{NDF}: 5416.0/4$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.083 ± 0.004 $\chi^2/\text{NDF}: 14889.3/12$

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.648 $\pm$ 0.076 χ^2 /NDF: 29255.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.208 $\pm$ 0.055 χ^2 /NDF: 47472.4/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

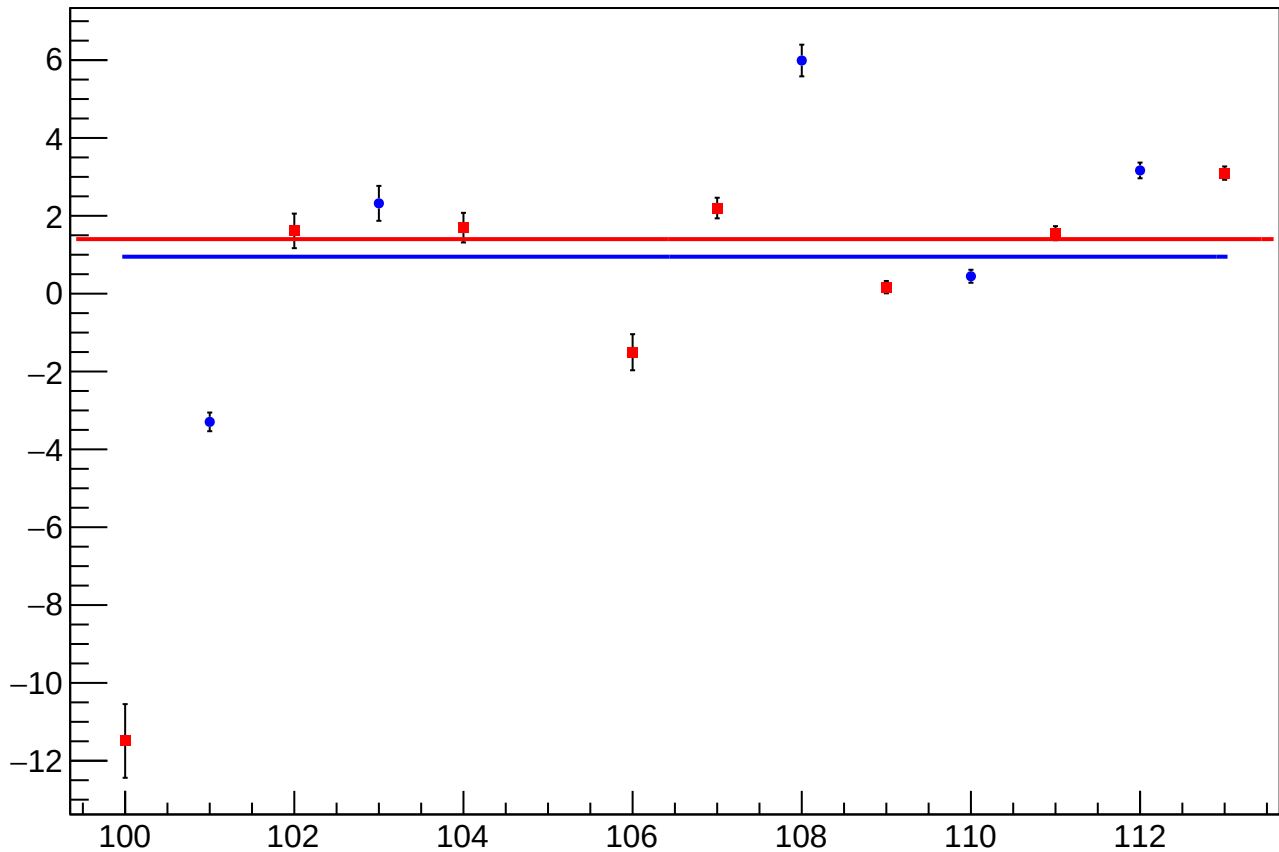
Right: -2.052 $\pm$ 0.045 χ^2 /NDF: 77400.5/12

In: -3.648 $\pm$ 0.076 χ^2 /NDF:29255.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.052 $\pm$ 0.045 χ^2 /NDF: 77400.5/12

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: 1.401+/-0.086 χ^2/NDF : 393.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

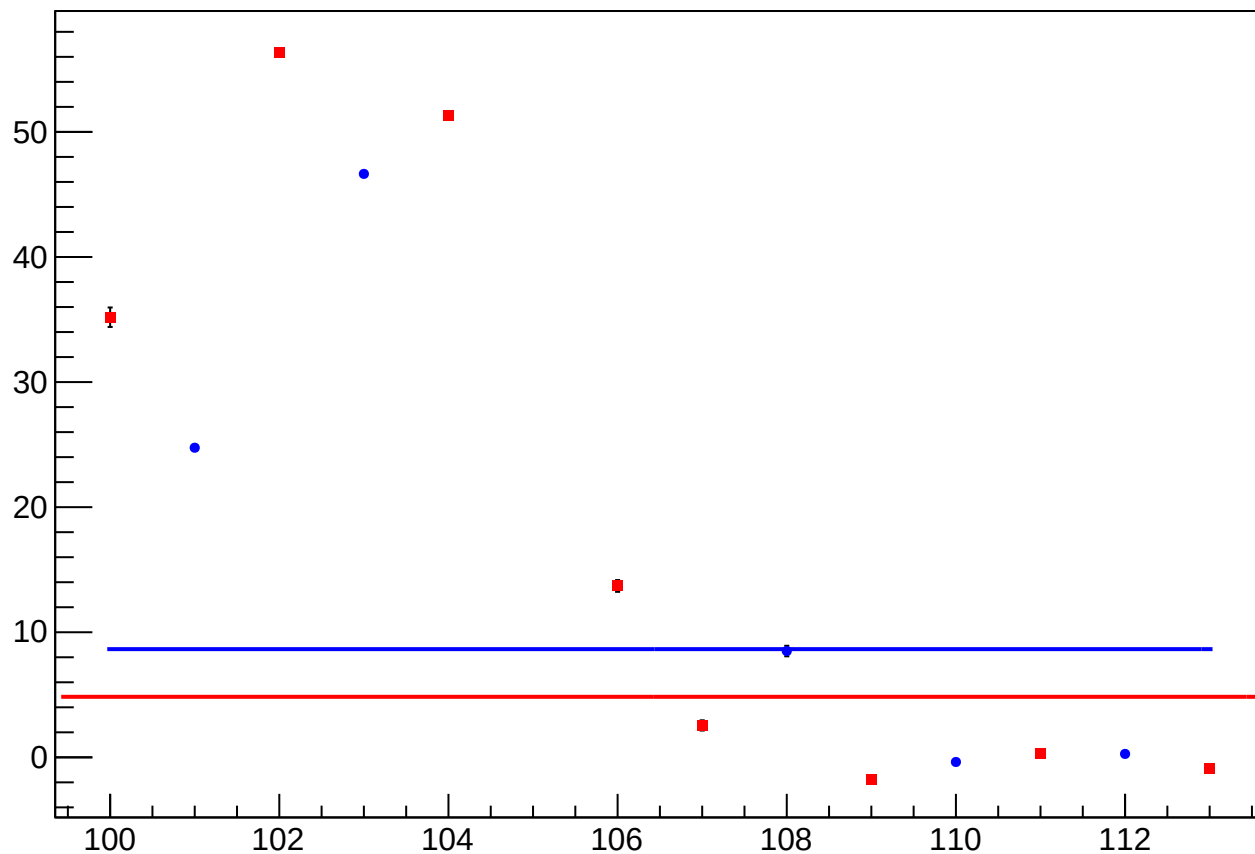
Right: 1.223+/-0.067 χ^2/NDF : 1010.1/12

In: 0.949+/-0.106 χ^2/NDF : 605.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.223+/-0.067 χ^2/NDF : 1010.1/12

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: 4.839 ± 0.077 χ^2/NDF : 42825.3/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

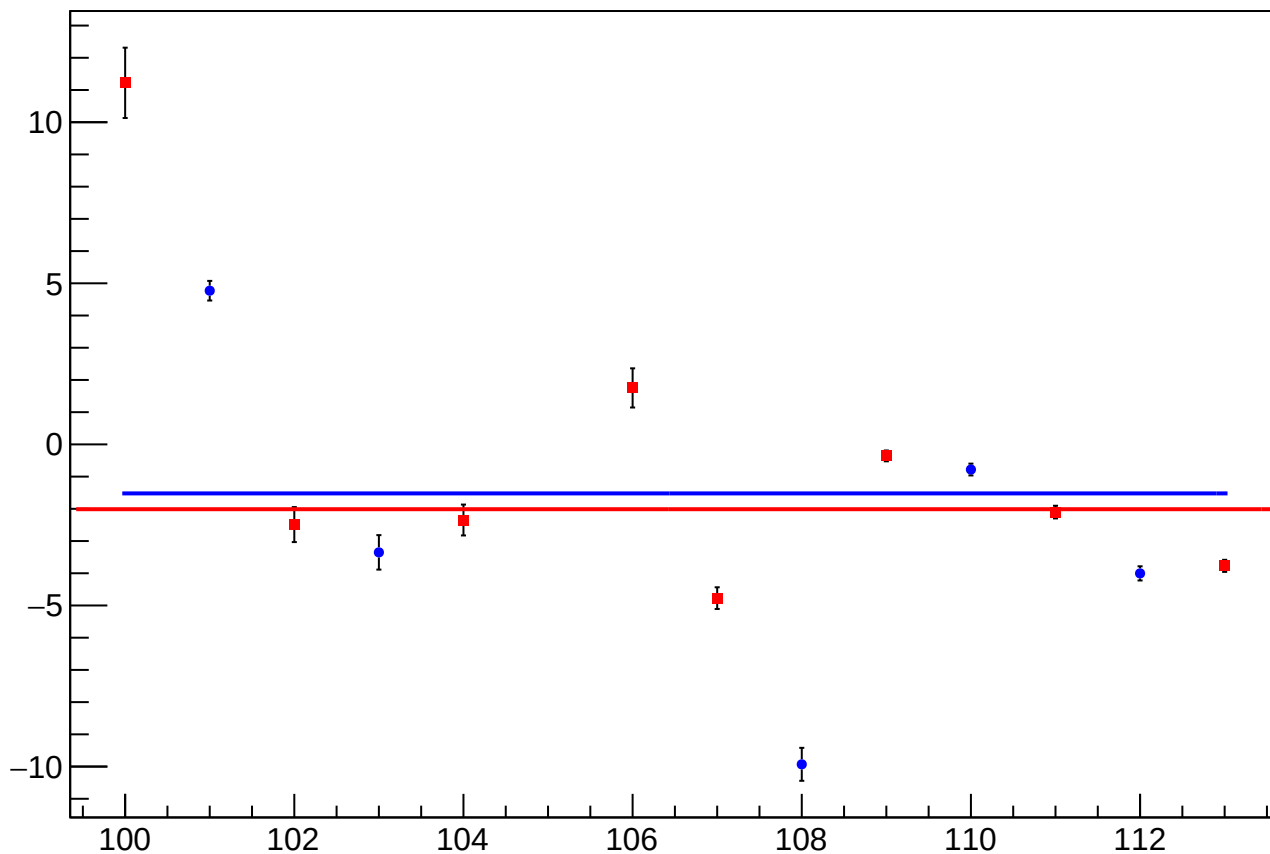
Right: 6.317 ± 0.061 χ^2/NDF : 66799.8/12

In: 8.650 ± 0.097 χ^2/NDF : 23033.9/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 6.317 ± 0.061 χ^2/NDF : 66799.8/12

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: -2.012+/-0.095 χ^2 /NDF: 438.6/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

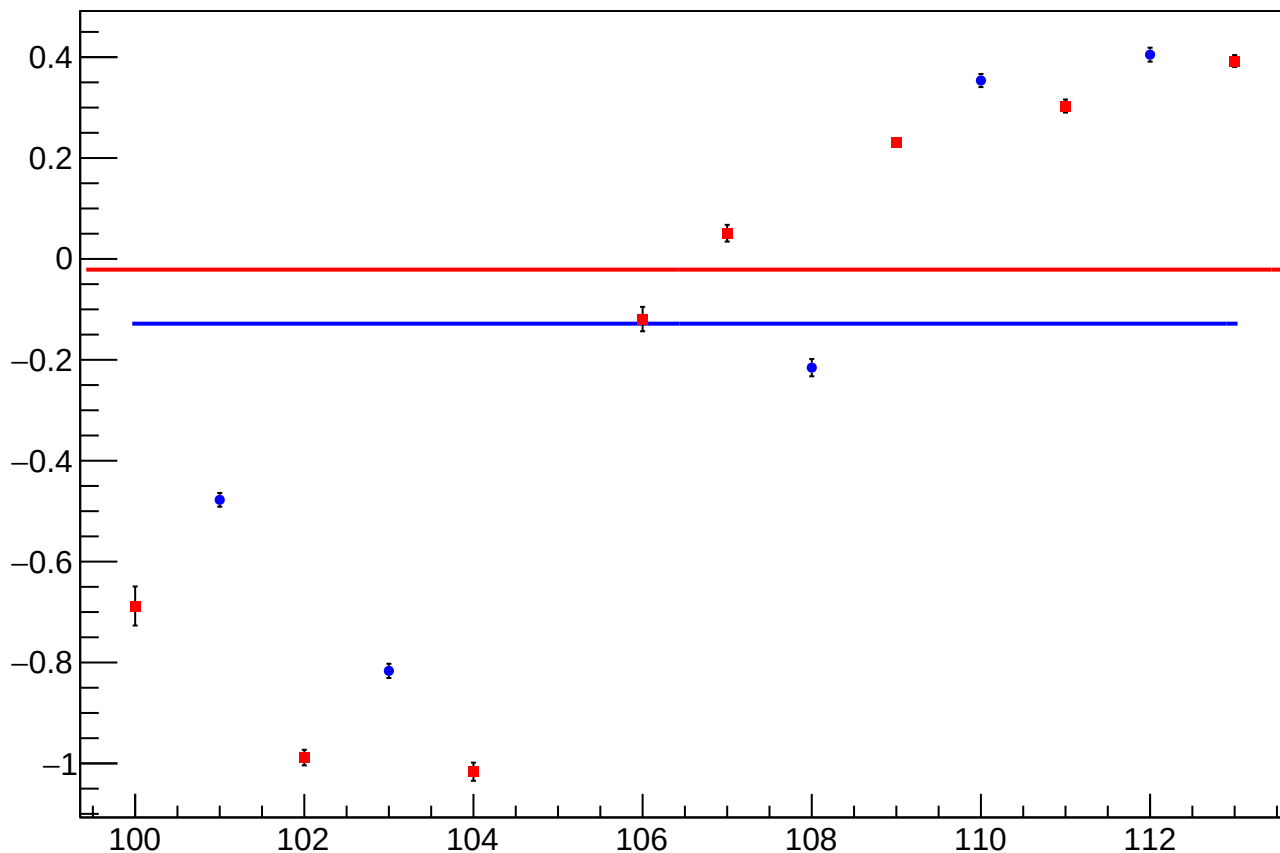
Right: -1.823+/-0.075 χ^2 /NDF: 1300.4/12

In: -1.521+/-0.121 χ^2 /NDF:851.7/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1.823+/-0.075 χ^2 /NDF: 1300.4/12

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: -0.021+/-0.005 χ^2/NDF : 9783.4/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

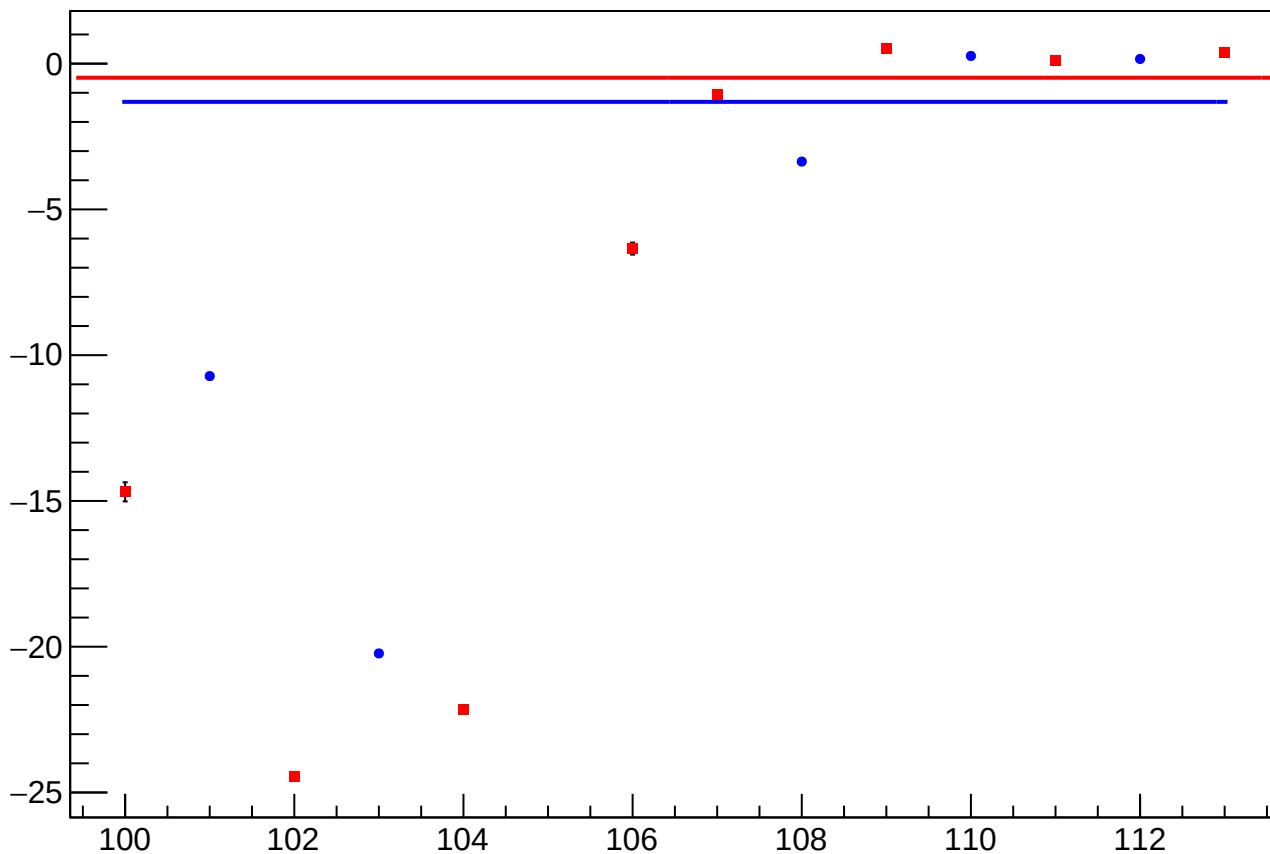
Right: -0.065+/-0.004 χ^2/NDF : 15862.6/12

In: -0.128+/-0.006 χ^2/NDF : 5909.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.065+/-0.004 χ^2/NDF : 15862.6/12

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.311 $\pm$ 0.026 χ^2 /NDF: 28751.2/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.483 $\pm$ 0.019 χ^2 /NDF: 46844.6/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

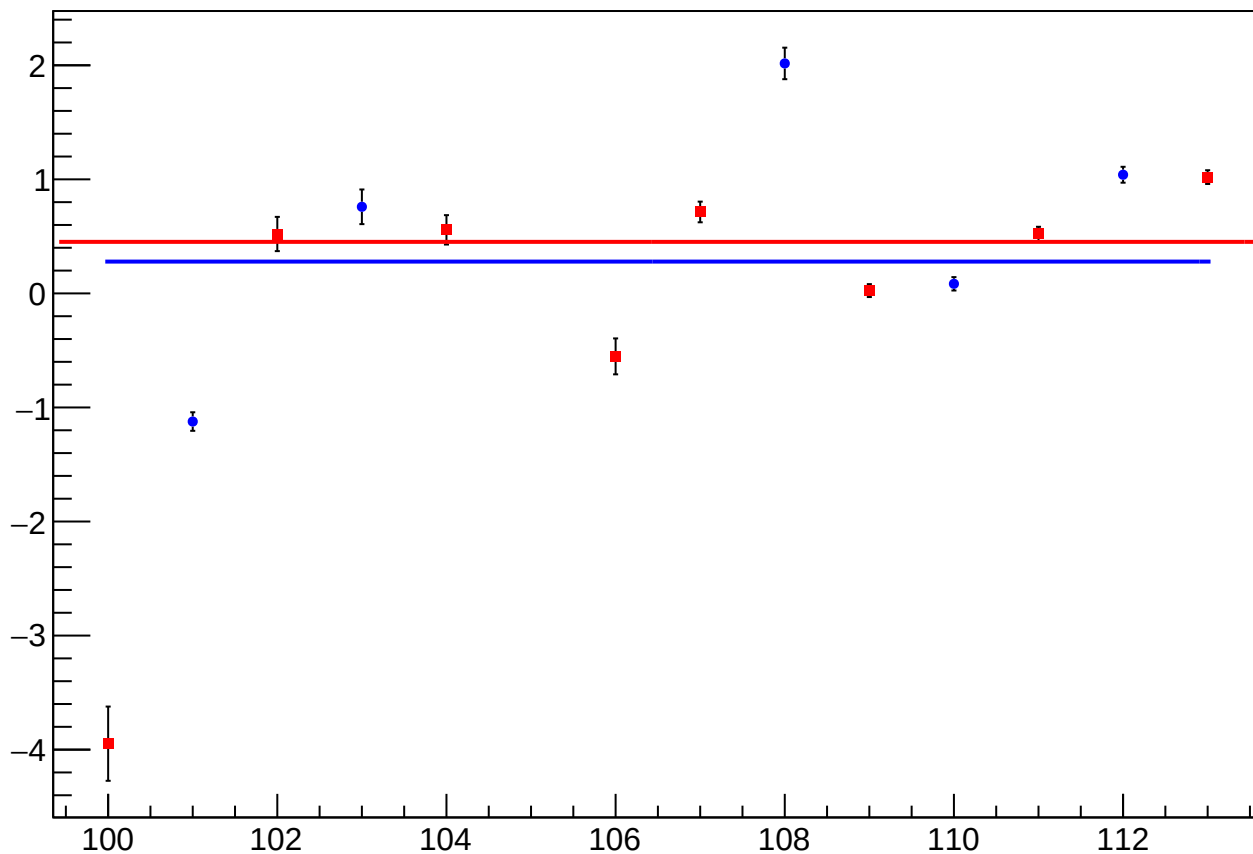
Right: -0.774 $\pm$ 0.016 χ^2 /NDF: 76231.3/12

In: -1.311 $\pm$ 0.026 χ^2 /NDF:28751.2/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.774 $\pm$ 0.016 χ^2 /NDF: 76231.3/12

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: 0.452+/-0.030 χ^2/NDF : 379.8/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

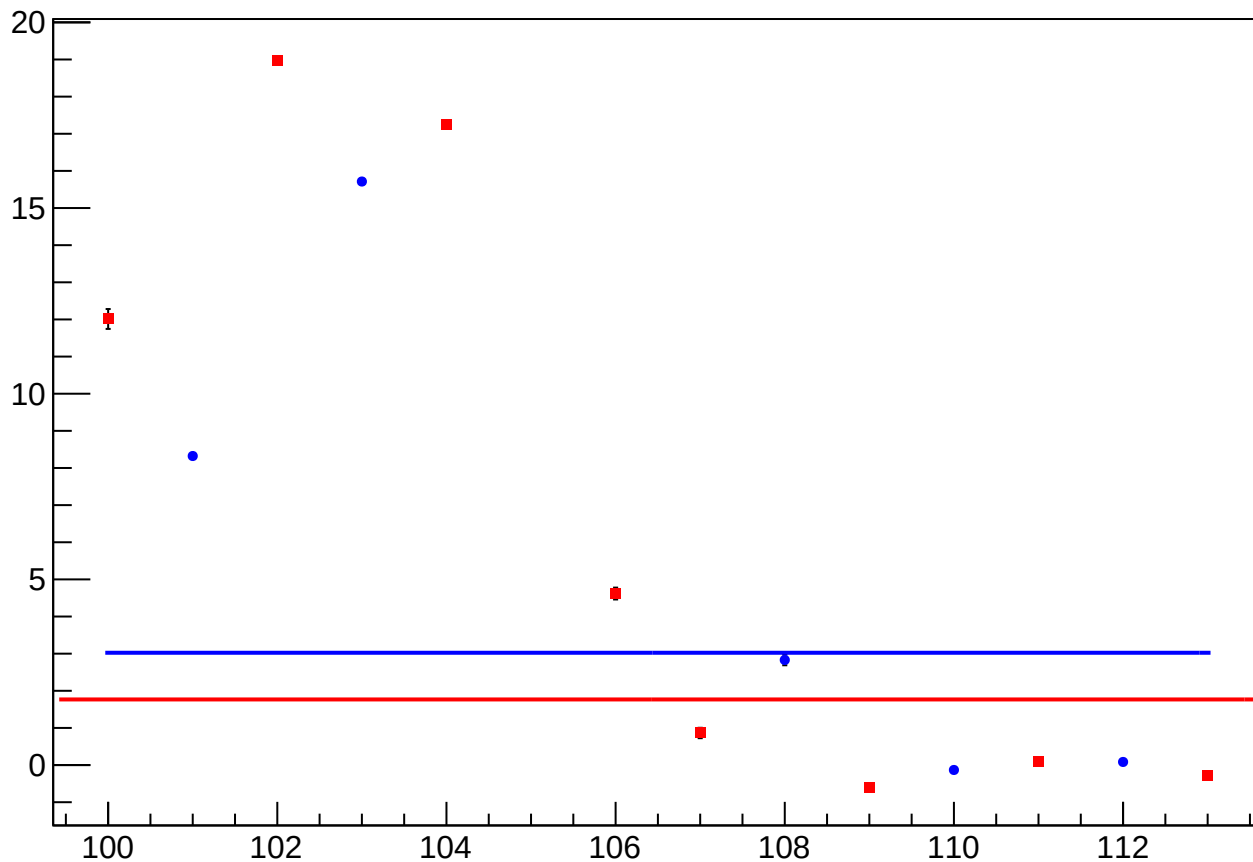
Right: 0.383+/-0.023 χ^2/NDF : 989.1/12

In: 0.279+/-0.037 χ^2/NDF : 595.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.383+/-0.023 χ^2/NDF : 989.1/12

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: 1.767+/-0.027 χ^2/NDF : 42010.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

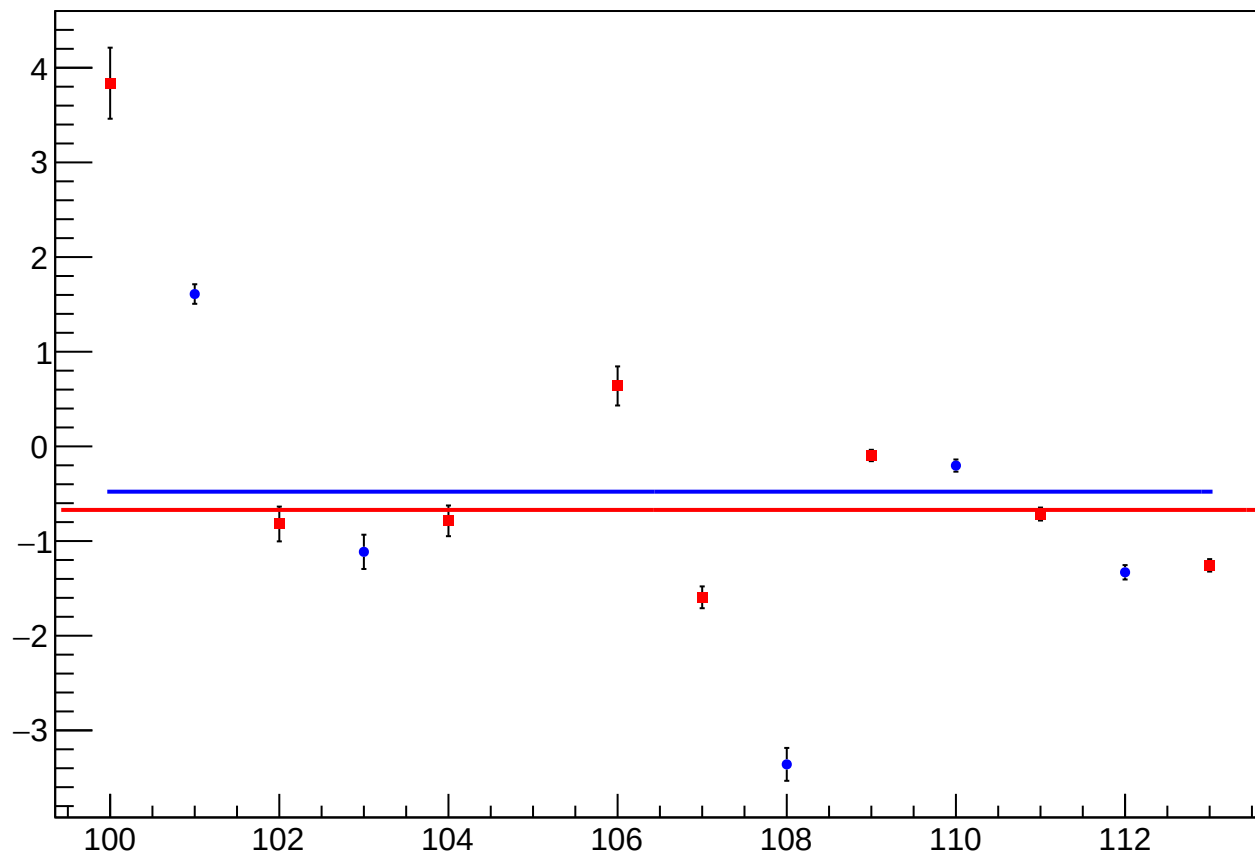
Right: 2.263+/-0.021 χ^2/NDF : 65335.5/12

In: 3.024+/-0.034 χ^2/NDF : 22476.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.263+/-0.021 χ^2/NDF : 65335.5/12

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: -0.671 ± 0.033 χ^2/NDF : 421.2/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

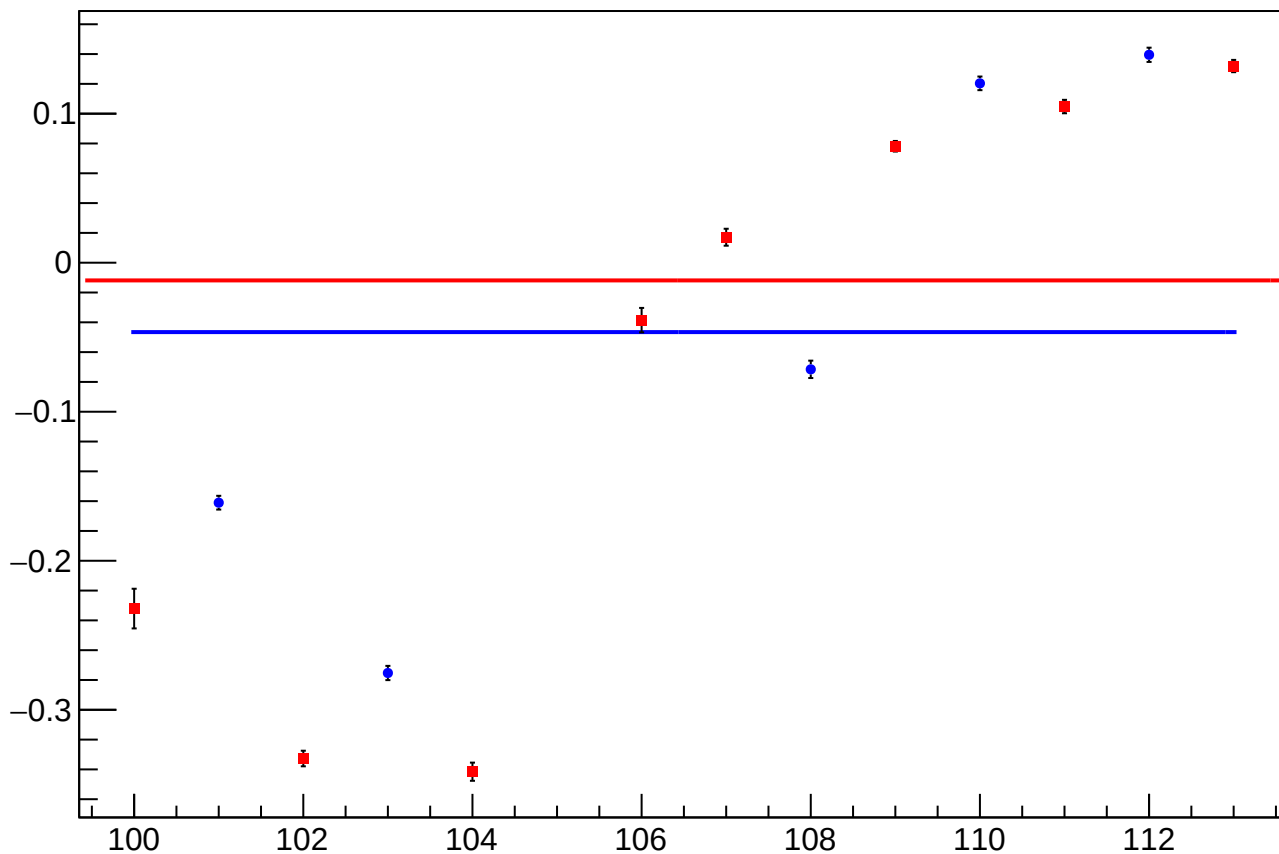
Right: -0.596 ± 0.026 χ^2/NDF : 1274.0/12

In: -0.478 ± 0.042 χ^2/NDF : 839.8/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.596 ± 0.026 χ^2/NDF : 1274.0/12

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.047 ± 0.002 χ^2/NDF : 5766.6/4

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.012 ± 0.002 χ^2/NDF : 9515.8/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

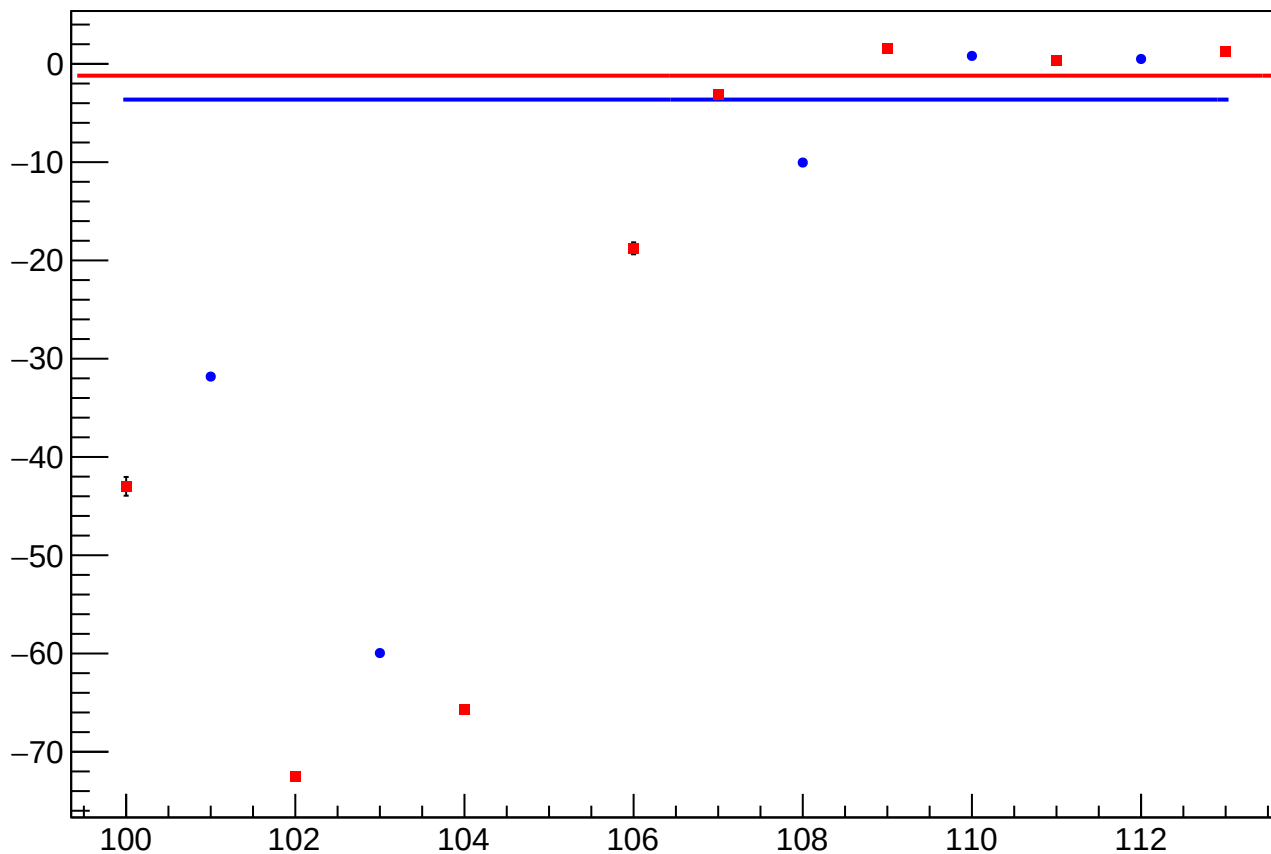
Right: -0.026 ± 0.001 χ^2/NDF : 15432.0/12

In: -0.047 ± 0.002 χ^2/NDF : 5766.6/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.026 ± 0.001 χ^2/NDF : 15432.0/12

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: -1.199 $\pm$ 0.055 χ^2 /NDF: 47484.5/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

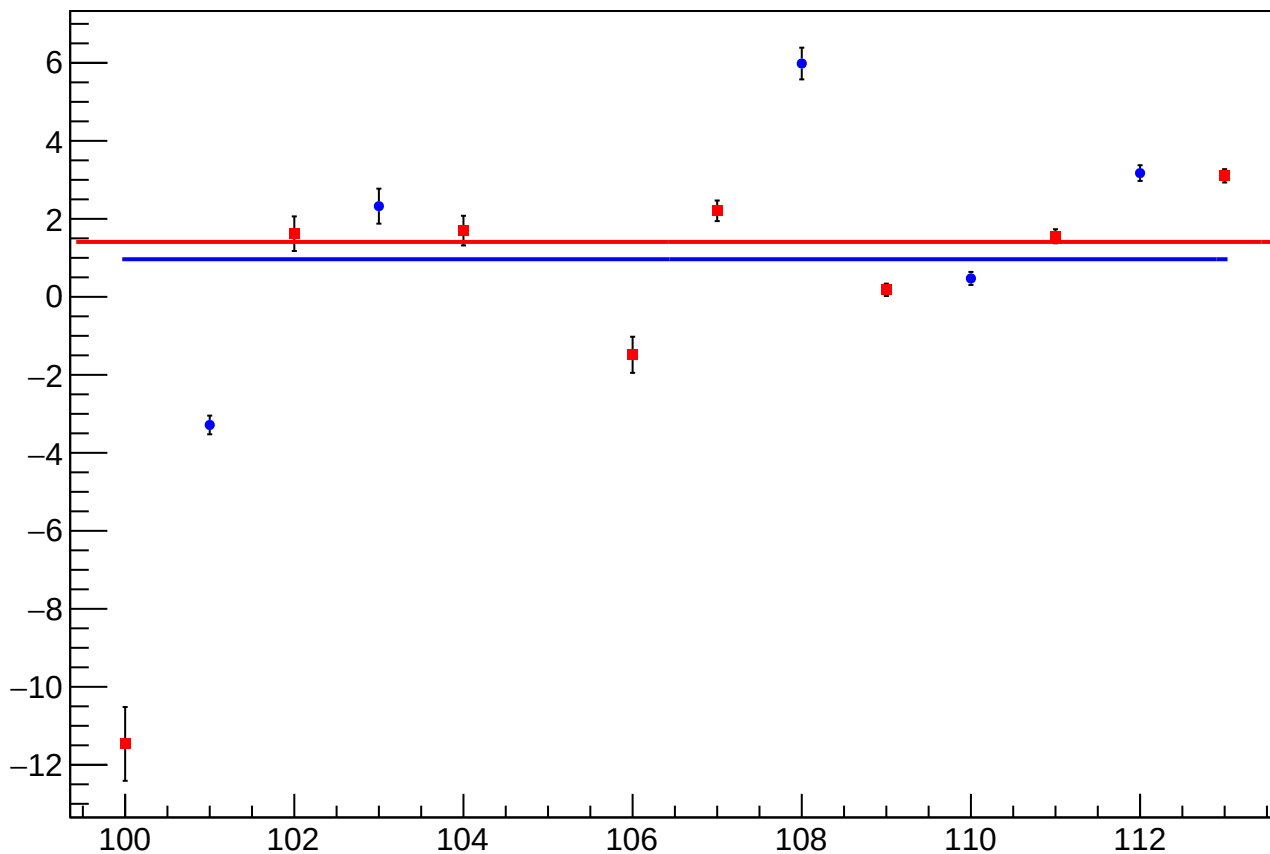
Right: -2.041 $\pm$ 0.045 χ^2 /NDF: 77418.5/12

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: -2.041 $\pm$ 0.045 χ^2 /NDF: 77418.5/12

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: 1.409+/-0.085 χ^2/NDF : 393.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

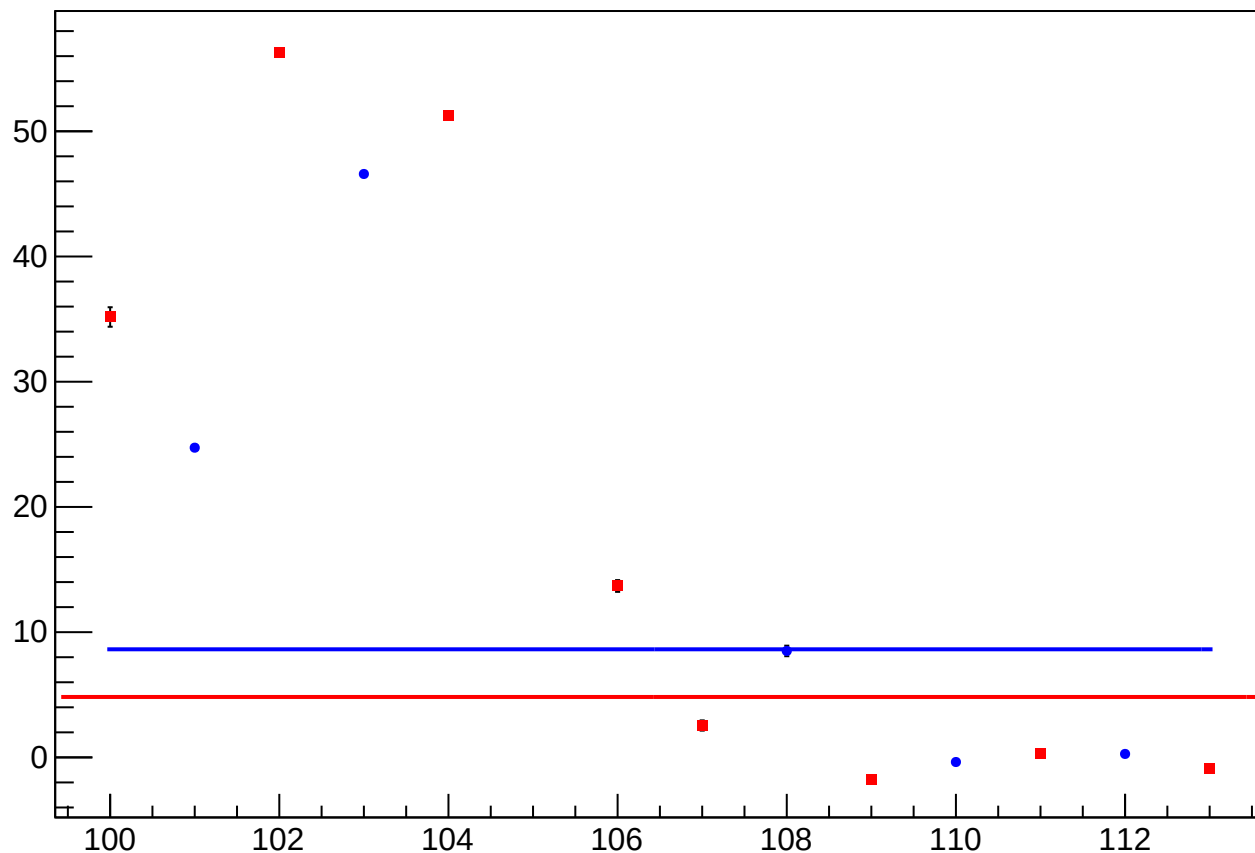
Right: 1.234+/-0.067 χ^2/NDF : 1008.9/12

In: 0.964+/-0.106 χ^2/NDF : 605.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.234+/-0.067 χ^2/NDF : 1008.9/12

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: 4.826+/-0.077 χ^2/NDF : 42839.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

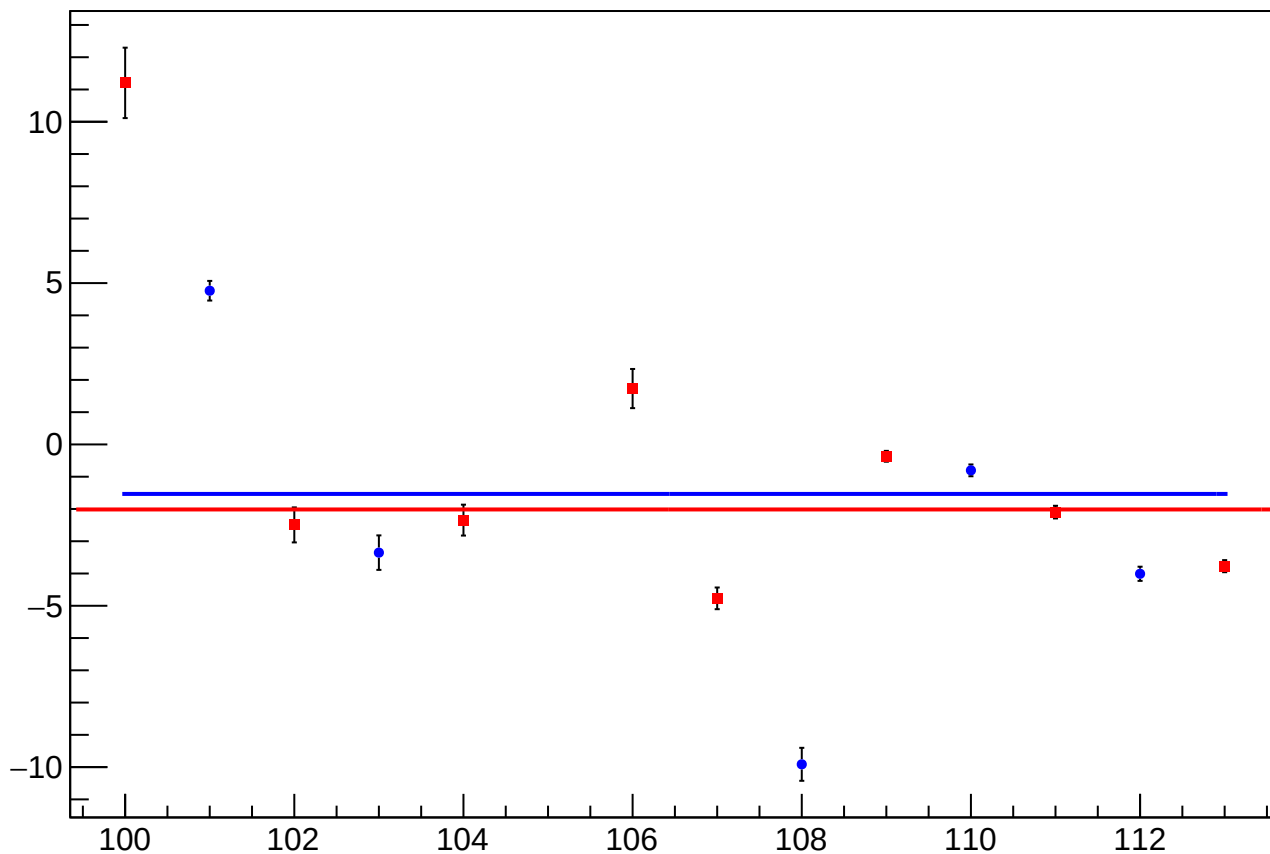
Right: 6.301+/-0.060 χ^2/NDF : 66822.1/12

In: 8.632+/-0.097 χ^2/NDF : 23041.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.301+/-0.060 χ^2/NDF : 66822.1/12

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: -2.015+/-0.095 χ^2 /NDF: 437.9/7

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

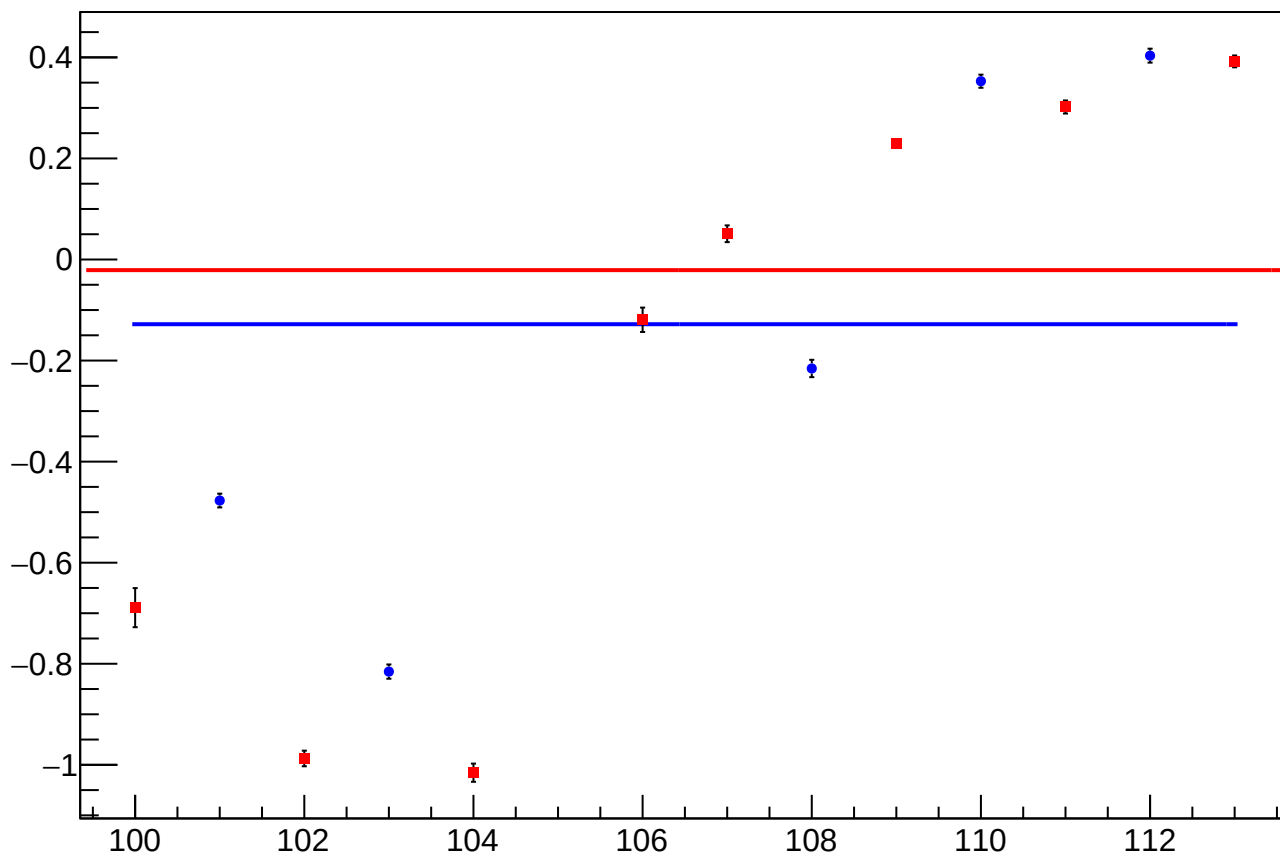
Right: -1.830+/-0.075 χ^2 /NDF: 1299.0/12

In: -1.534+/-0.121 χ^2 /NDF:851.2/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1.830+/-0.075 χ^2 /NDF: 1299.0/12

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: -0.021 ± 0.005 χ^2/NDF : 9787.3/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

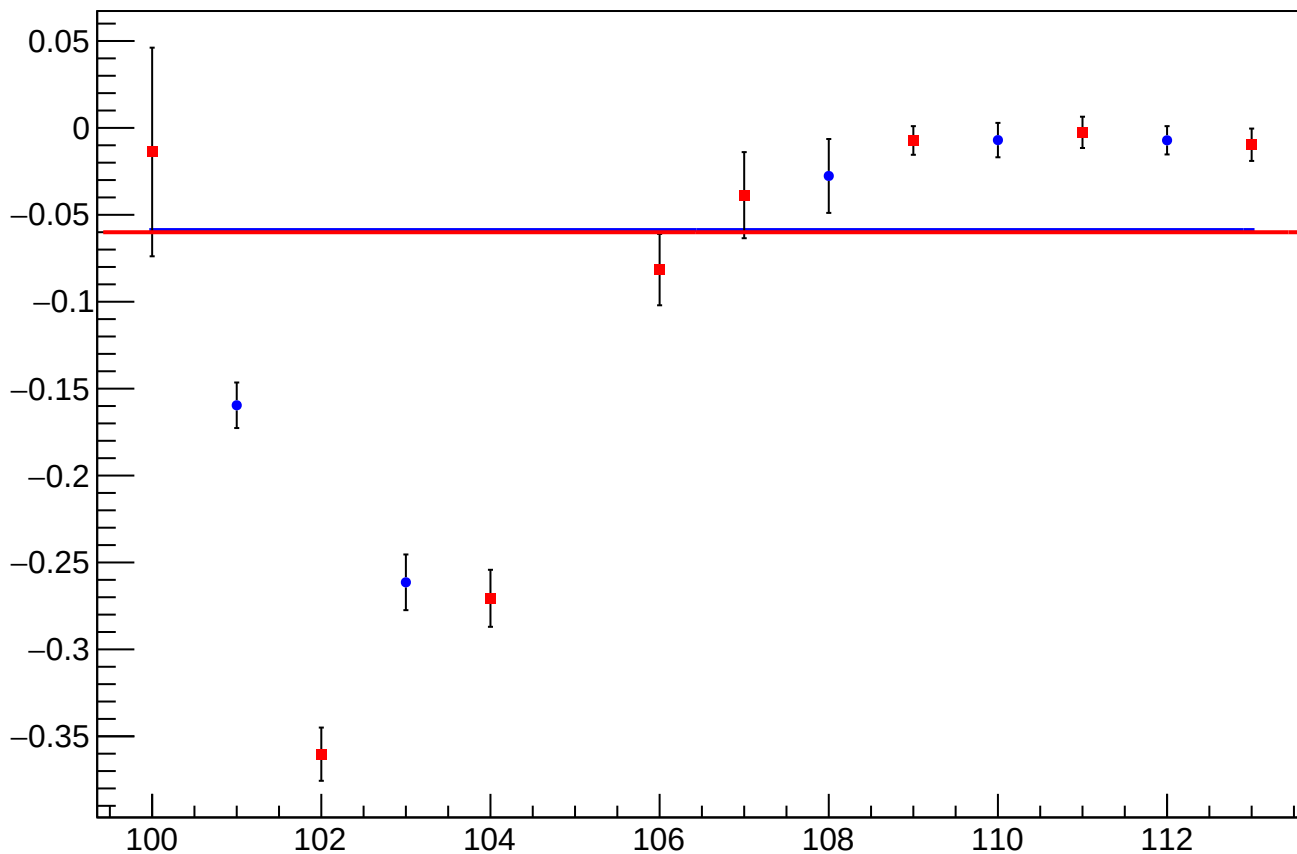
Right: -0.064 ± 0.004 χ^2/NDF : 15862.4/12

In: -0.128 ± 0.006 χ^2/NDF : 5905.1/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.064 ± 0.004 χ^2/NDF : 15862.4/12

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: -0.060 ± 0.004 χ^2/NDF : 662.8/7

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

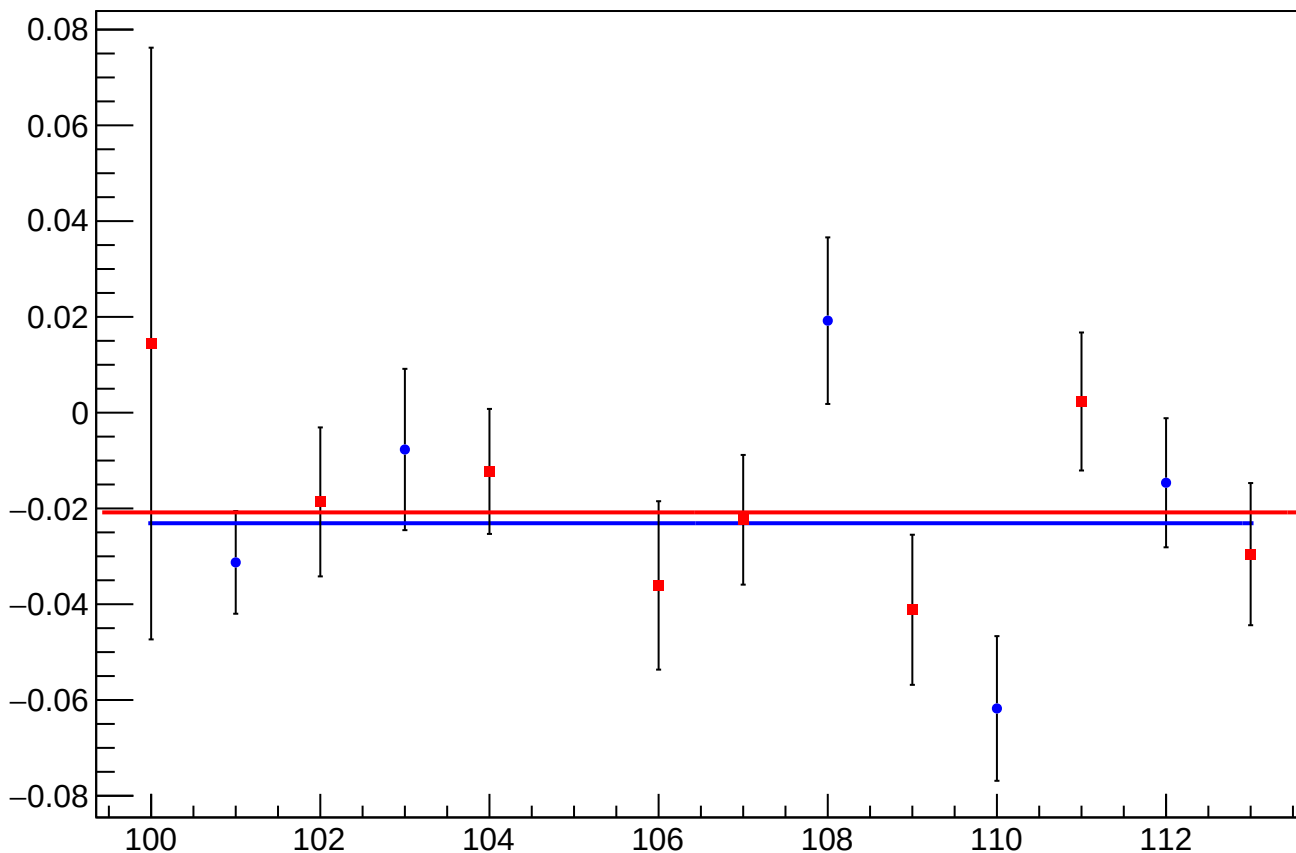
Right: -0.059 ± 0.003 χ^2/NDF : 951.9/12

In: -0.059 ± 0.005 χ^2/NDF : 289.0/4

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.059 ± 0.003 χ^2/NDF : 951.9/12

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: -0.021+/-0.006 χ^2/NDF : 6.2/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

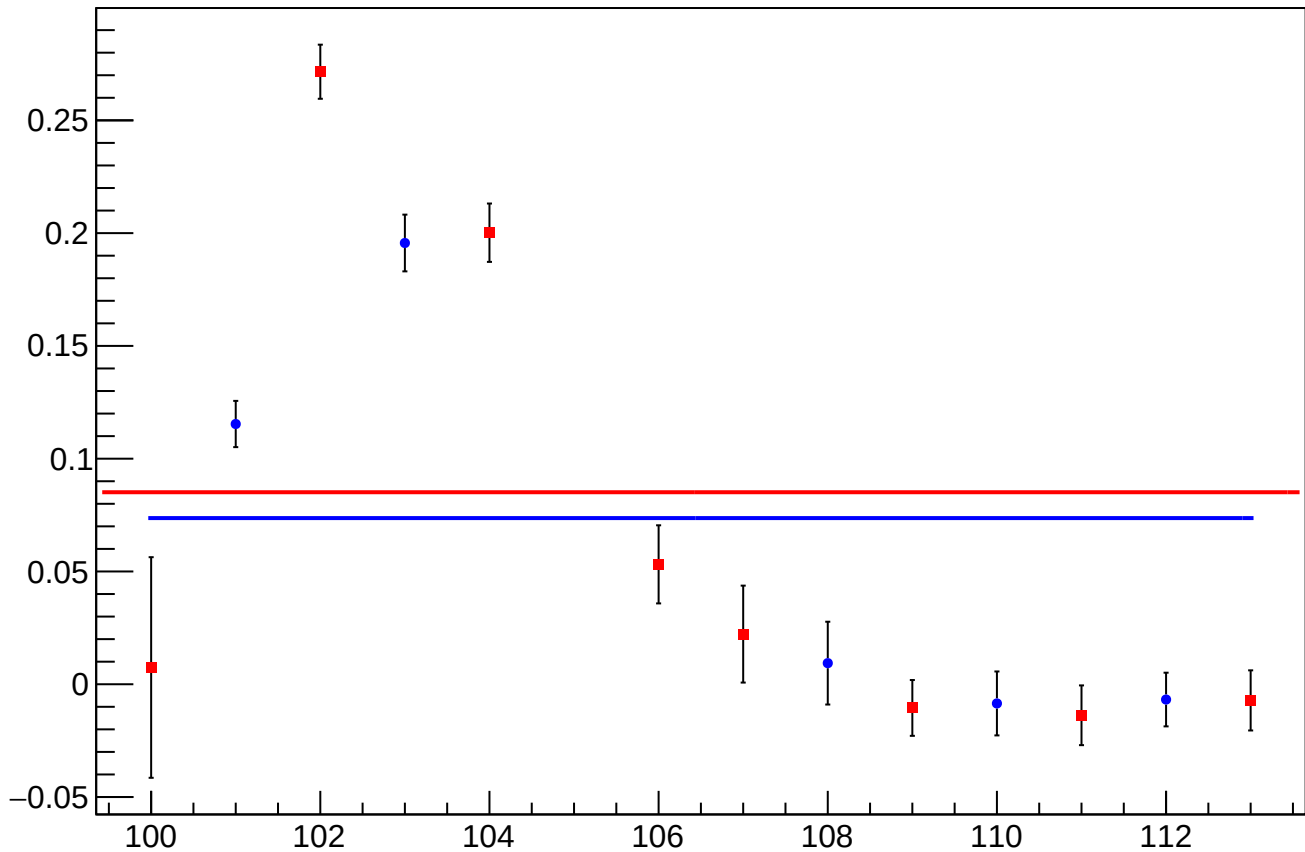
Right: -0.022+/-0.004 χ^2/NDF : 20.5/12

In: -0.023+/-0.006 χ^2/NDF : 14.3/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.022+/-0.004 χ^2/NDF : 20.5/12

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: 0.085+/-0.005 χ^2/NDF : 498.6/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

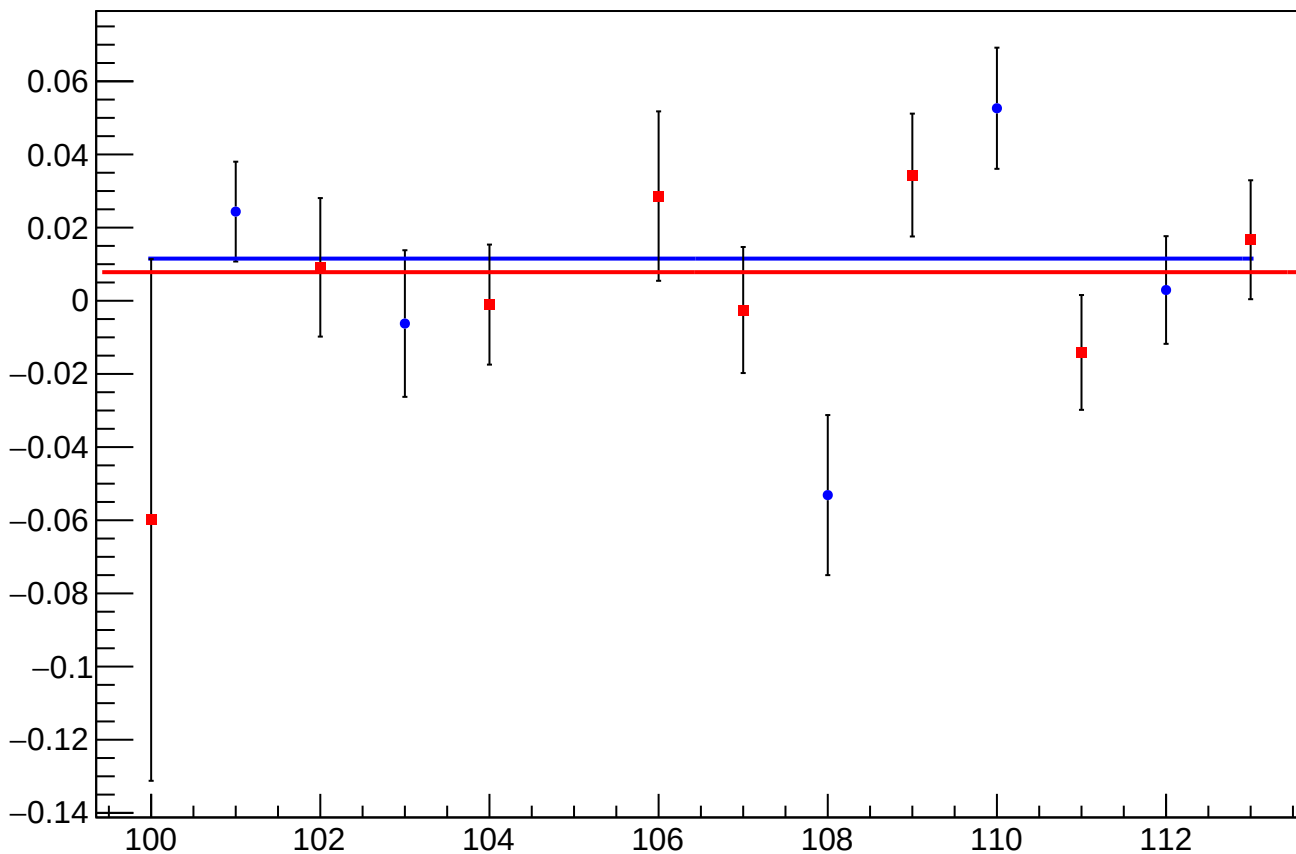
Right: 0.080+/-0.004 χ^2/NDF : 703.0/12

In: 0.074+/-0.006 χ^2/NDF : 202.2/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.080+/-0.004 χ^2/NDF : 703.0/12

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.007 χ^2 /NDF: 16.9/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.008 $\pm$ 0.007 χ^2 /NDF: 7.1/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

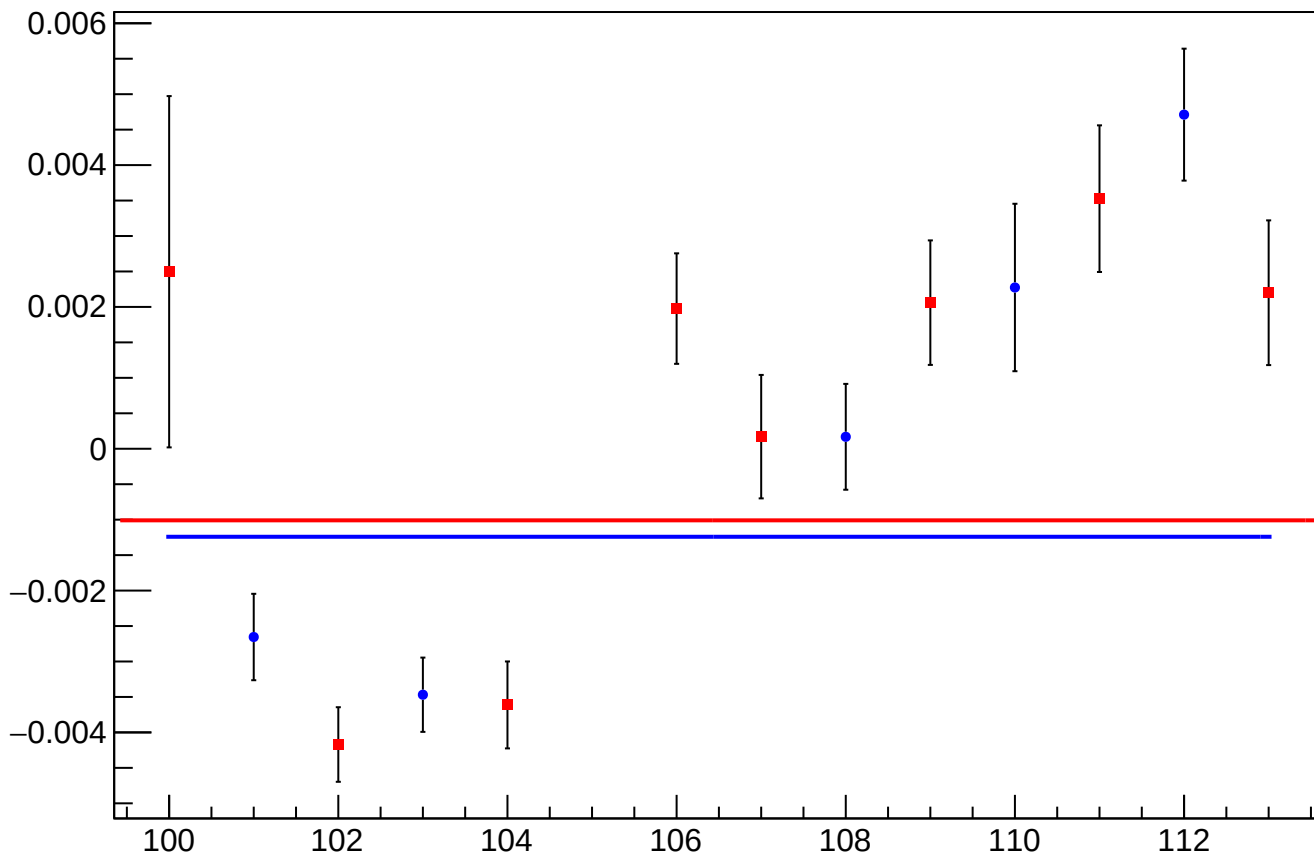
Right: 0.009 $\pm$ 0.005 χ^2 /NDF: 24.2/12

In: 0.012 $\pm$ 0.007 χ^2 /NDF:16.9/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.005 χ^2 /NDF: 24.2/12

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 : 114.1/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

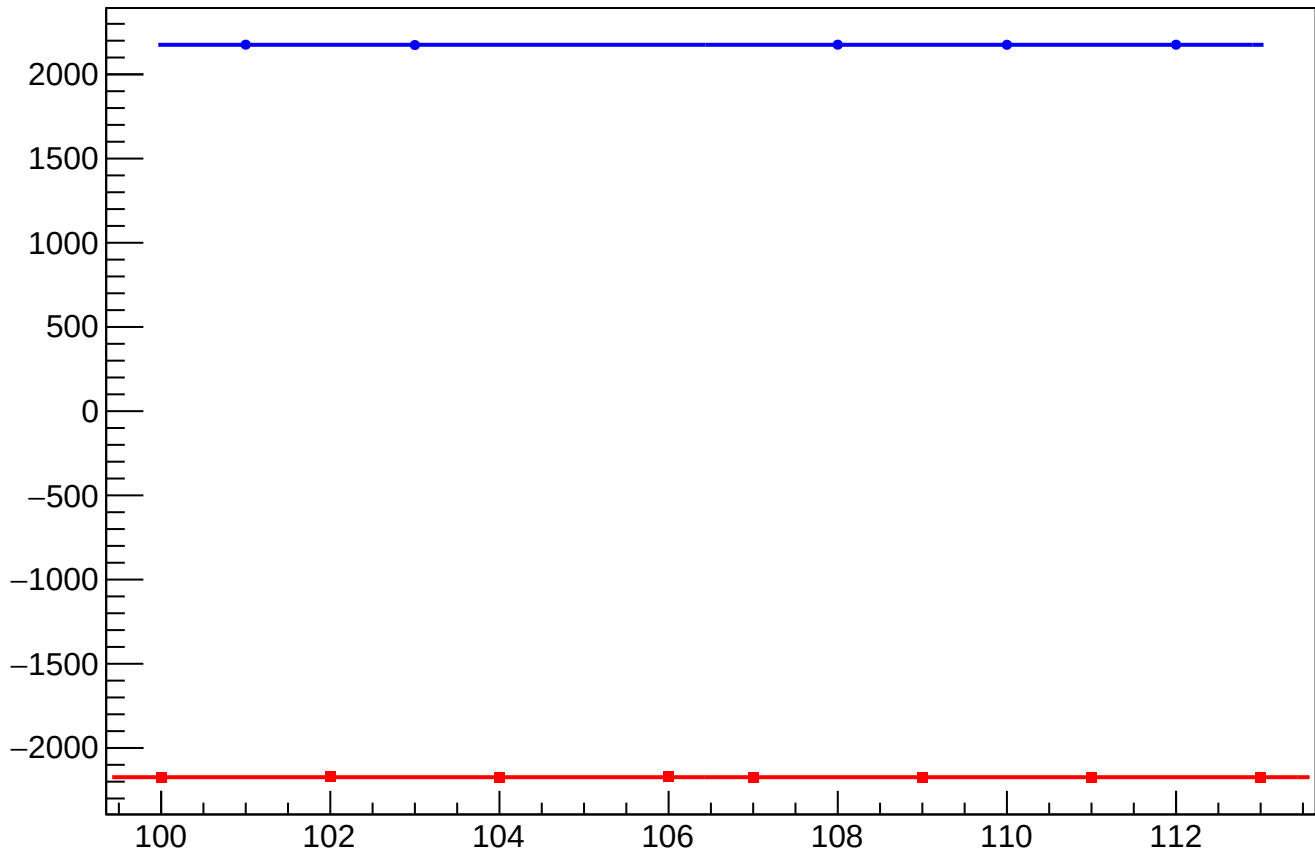
Right: -0.001+/-0.000 χ^2/NDF : 191.2/12

In: -0.001+/-0.000 χ^2/NDF : 76.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

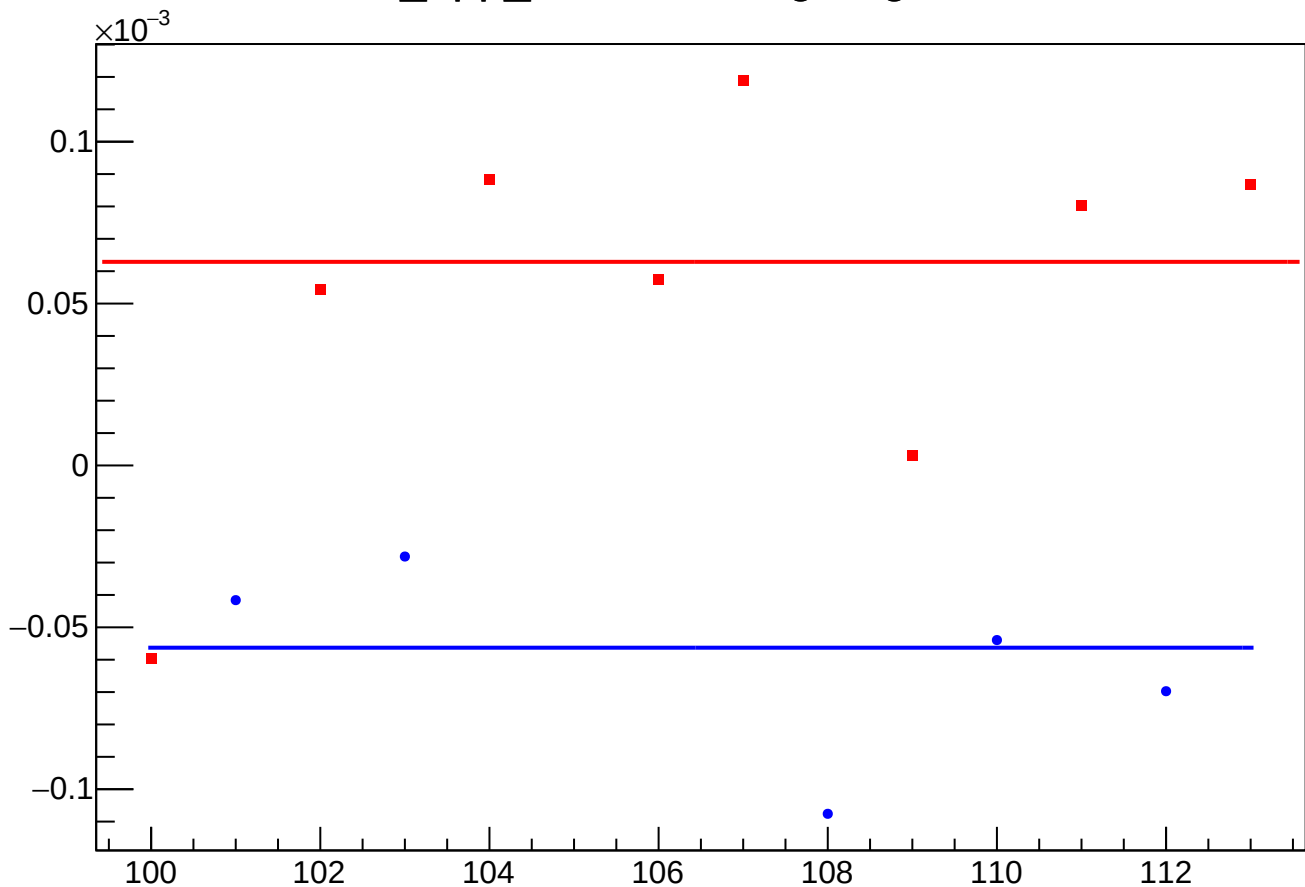
All: -0.001+/-0.000 χ^2/NDF : 191.2/12

HALLA_p_mean vs Slug, Sign Corrected



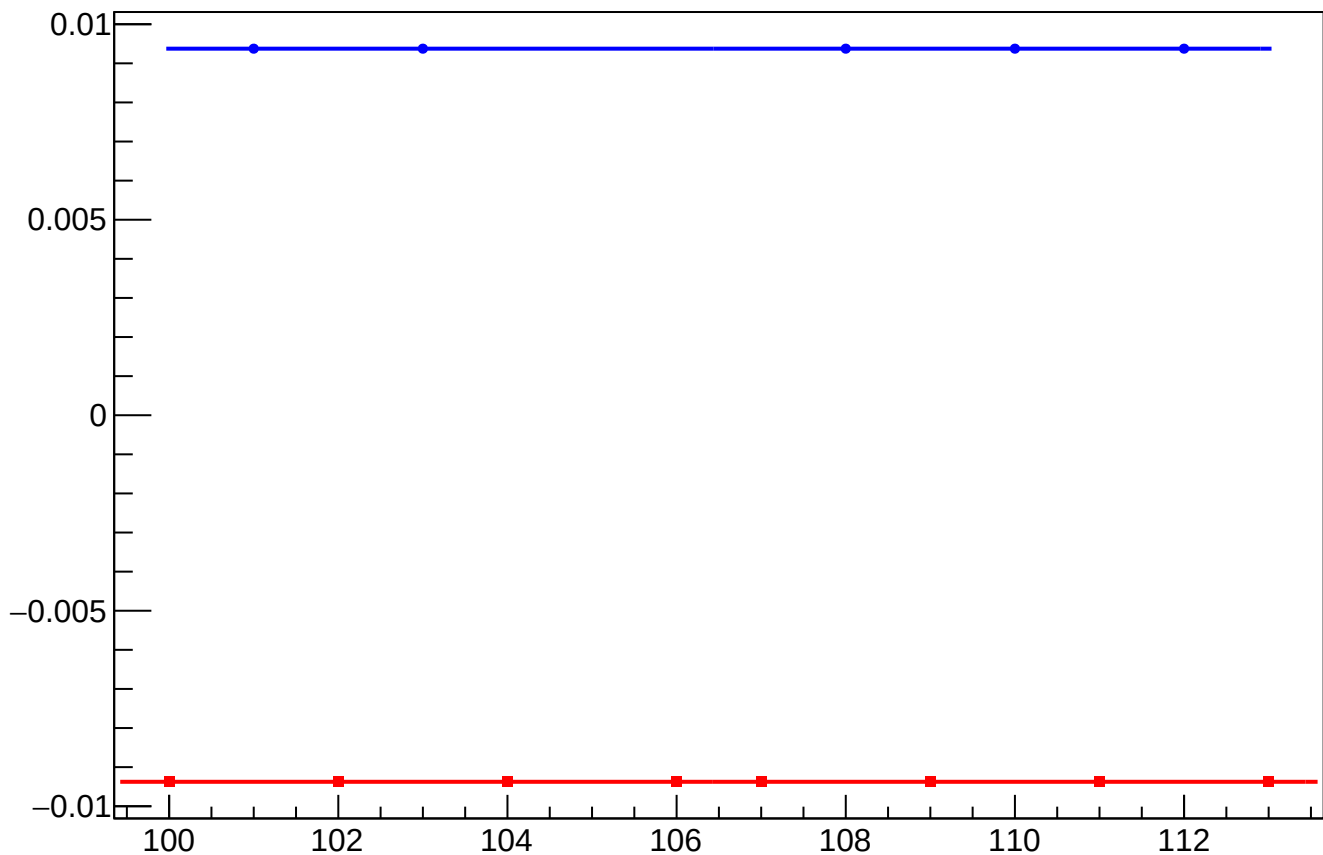
Right In: 2175.639+/-0.000 χ^2/NDF : 203792581834312143193727872008192.0/4
Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: -277.173+/-0.000 χ^2/NDF : 27629330435511.0/4
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 2175.639+/-0.000 χ^2/NDF : 203792581834312143193727872008192.0/4
Right Out: -2173.527+/-0.000 χ^2/NDF : 1995784978898265081523394771419136.0/7
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -277.173+/-0.000 χ^2/NDF : 27629330435511.0/4

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 : 450027678495972178001920.0/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 27063868171685185

MQ171LM_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: 0.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

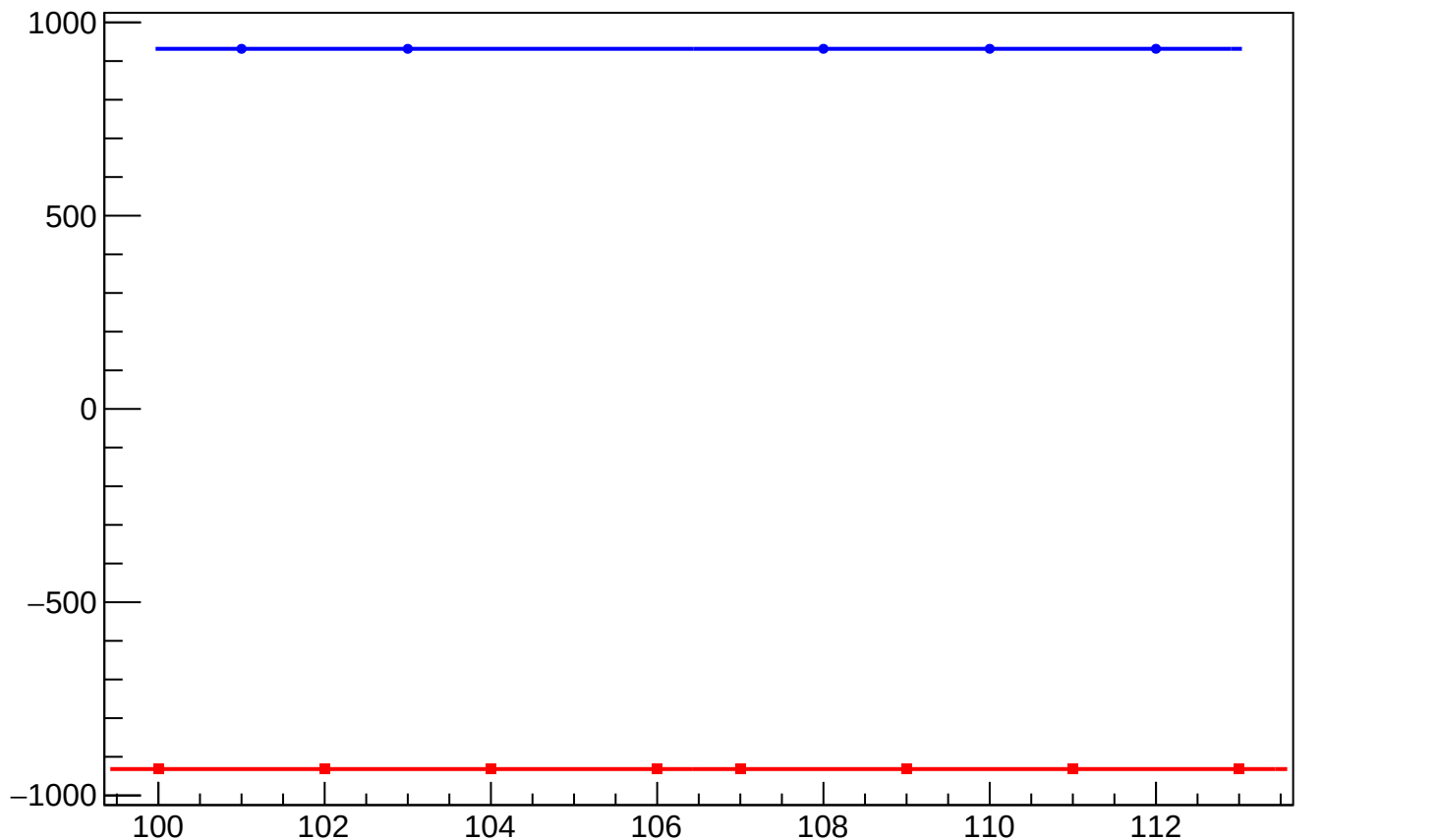
Right: -0.001 $\pm$ 0.000 χ^2 /NDF: 5135239109848480

In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

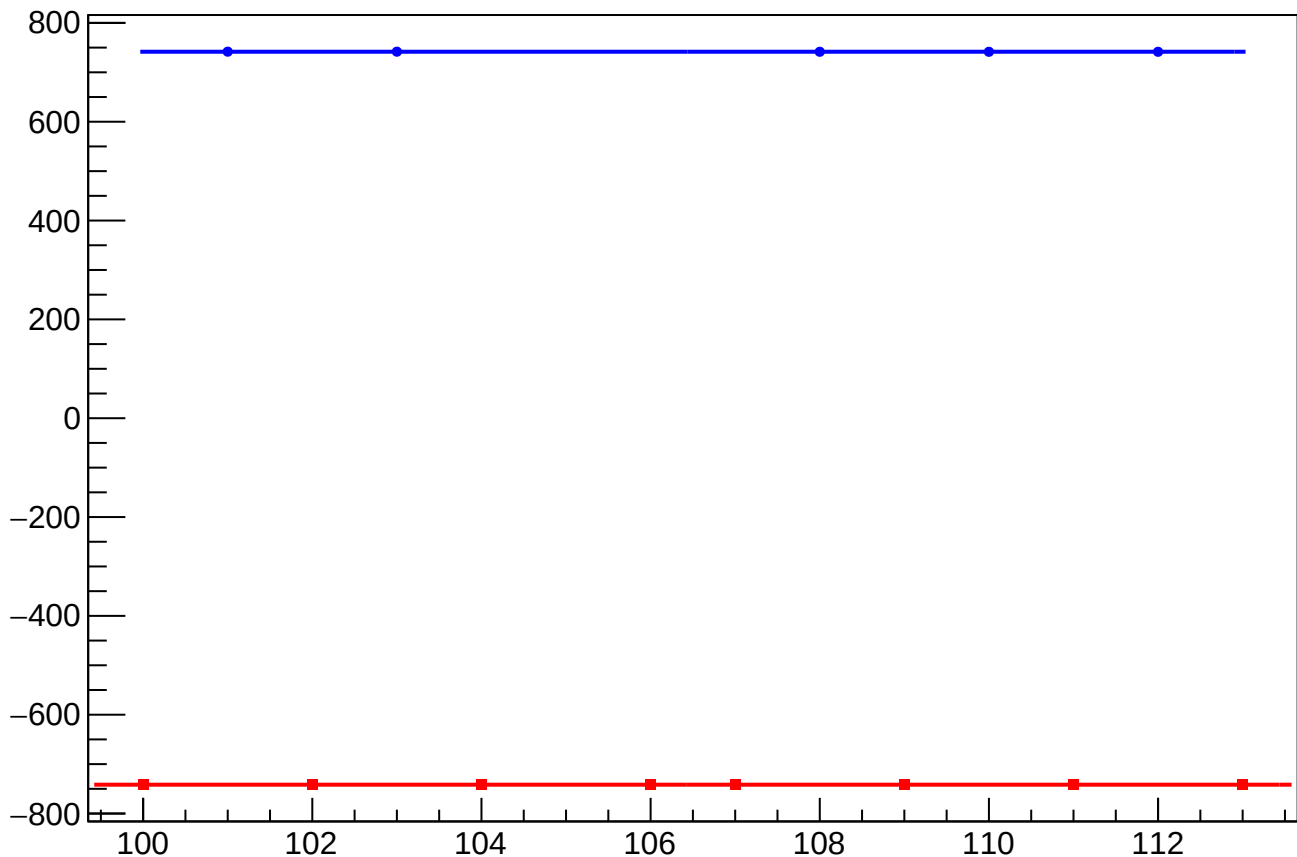
All: -0.001 $\pm$ 0.000 χ^2 /NDF: 5135239109848

HacL_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



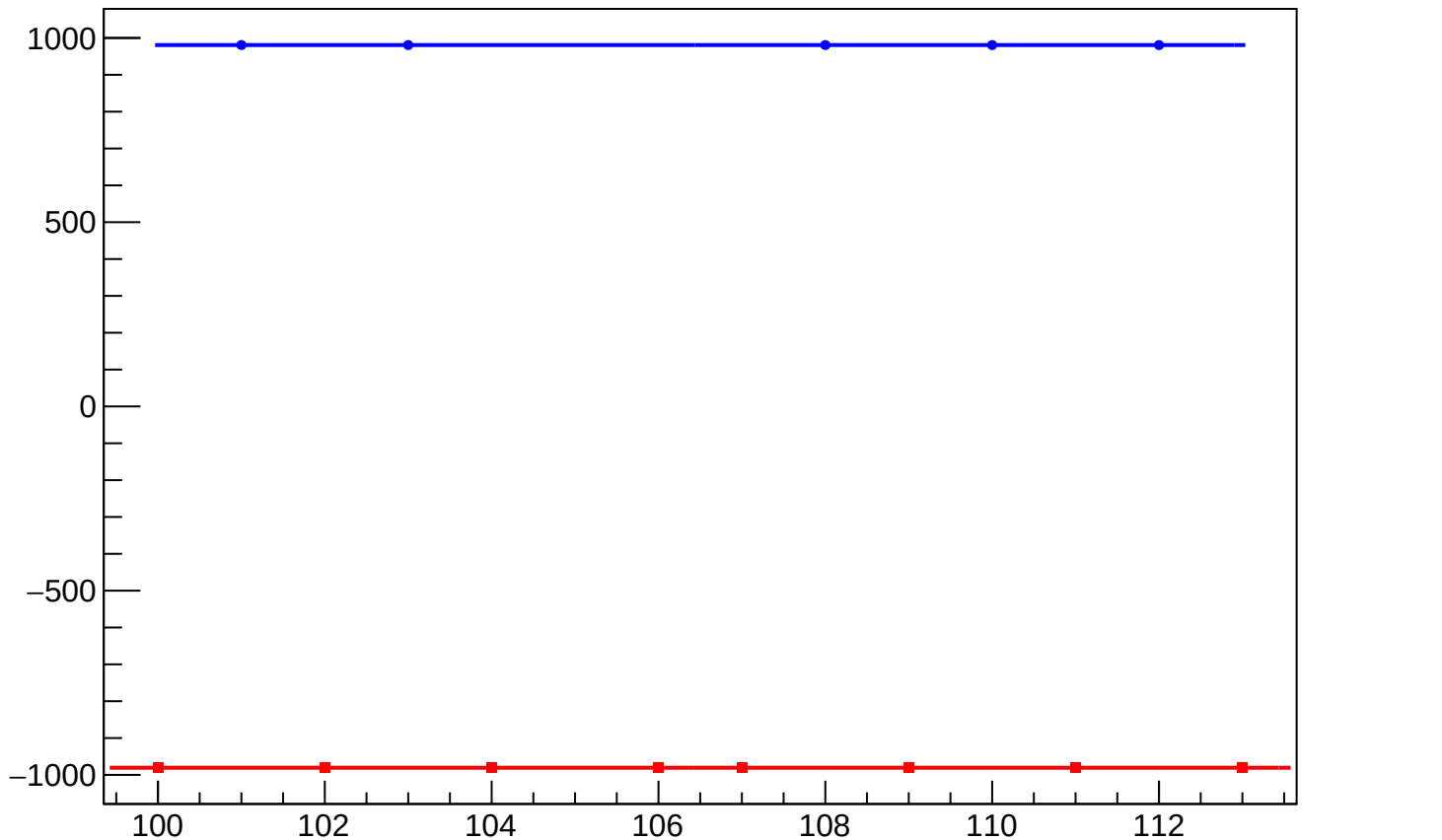
Right In: 931.713+/-0.000 χ^2/NDF : 251430902344098521244476899328.0/4
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -931.720+/-0.000 χ^2/NDF : 336744129077892443579602698240.0/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -119.213+/-0.000 χ^2/NDF : 50720737519583

HacL_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



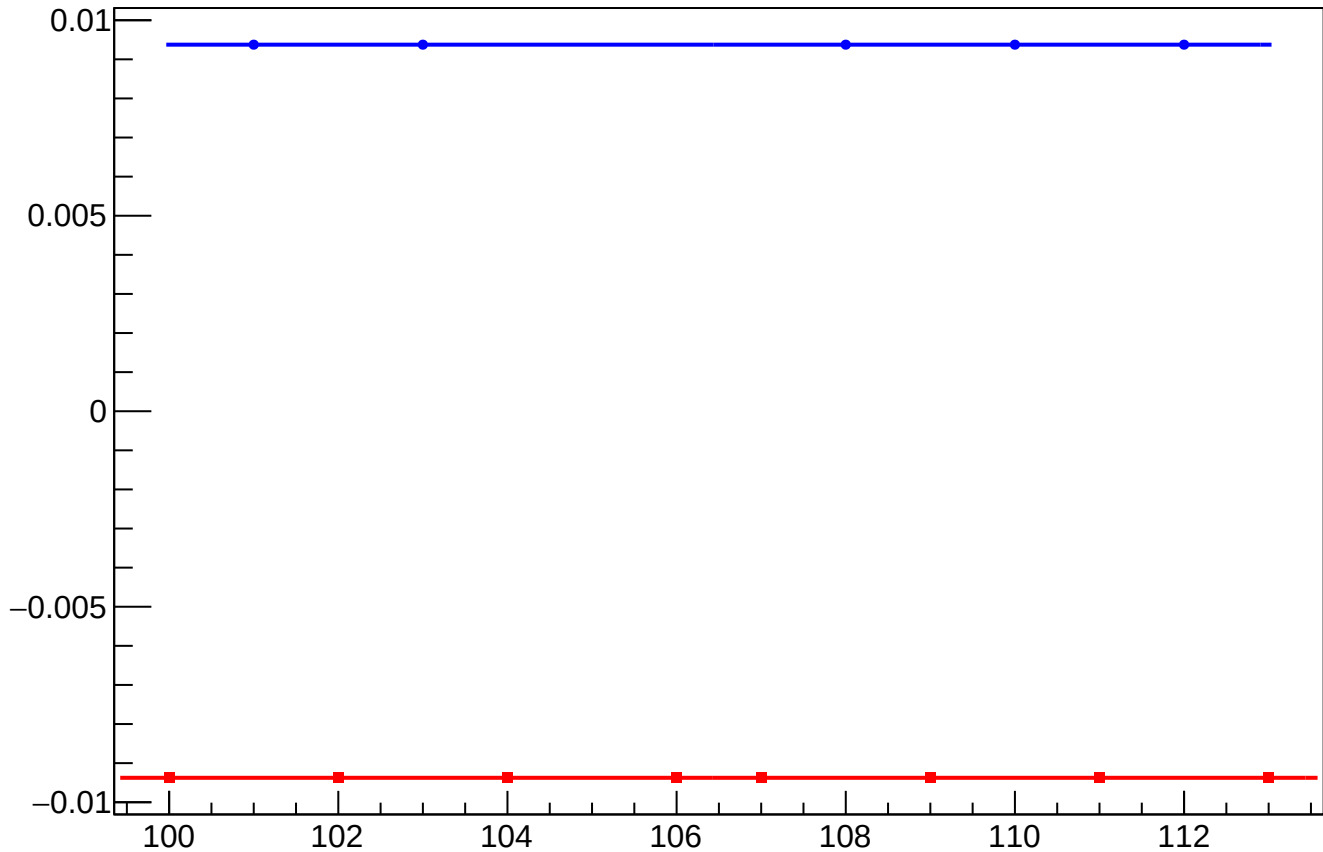
Right In: 741.648+/-0.000 χ^2/NDF : 3896805186272436736139114577920.0/4
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -741.639+/-0.000 χ^2/NDF : 5327589903749929867222628433920.0/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -94.886+/-0.000 χ^2/NDF : 321372645519738

HacL_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 980.786+/-0.000 χ^2/NDF : 219930171139525177240998379520.0/4
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -980.619+/-0.000 χ^2/NDF : 49062651953095220840055516954624.0/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -125.394+/-0.000 χ^2/NDF : 56194369657271

MQ172RM_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: 0.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

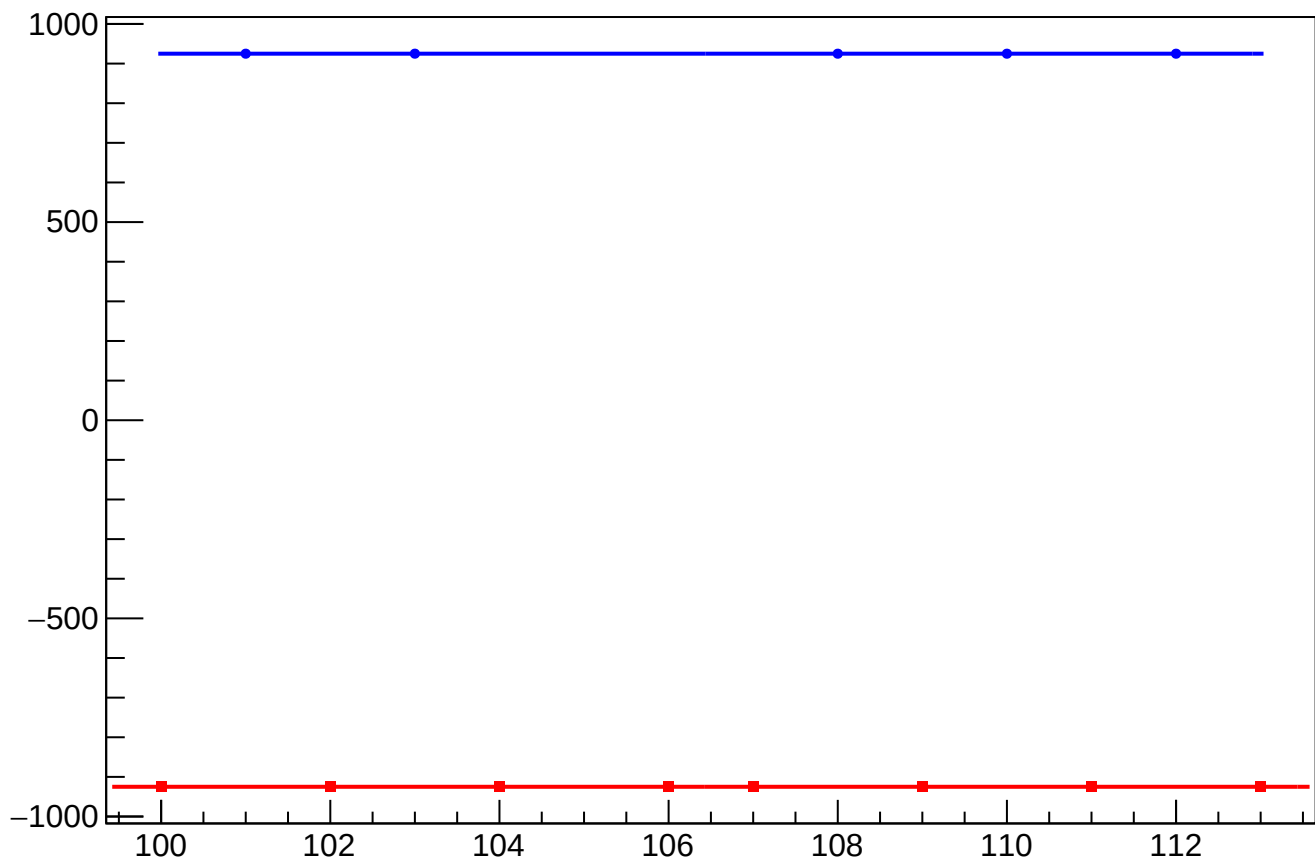
Right: -0.001 $\pm$ 0.000 χ^2 /NDF: 5135239109848480

In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

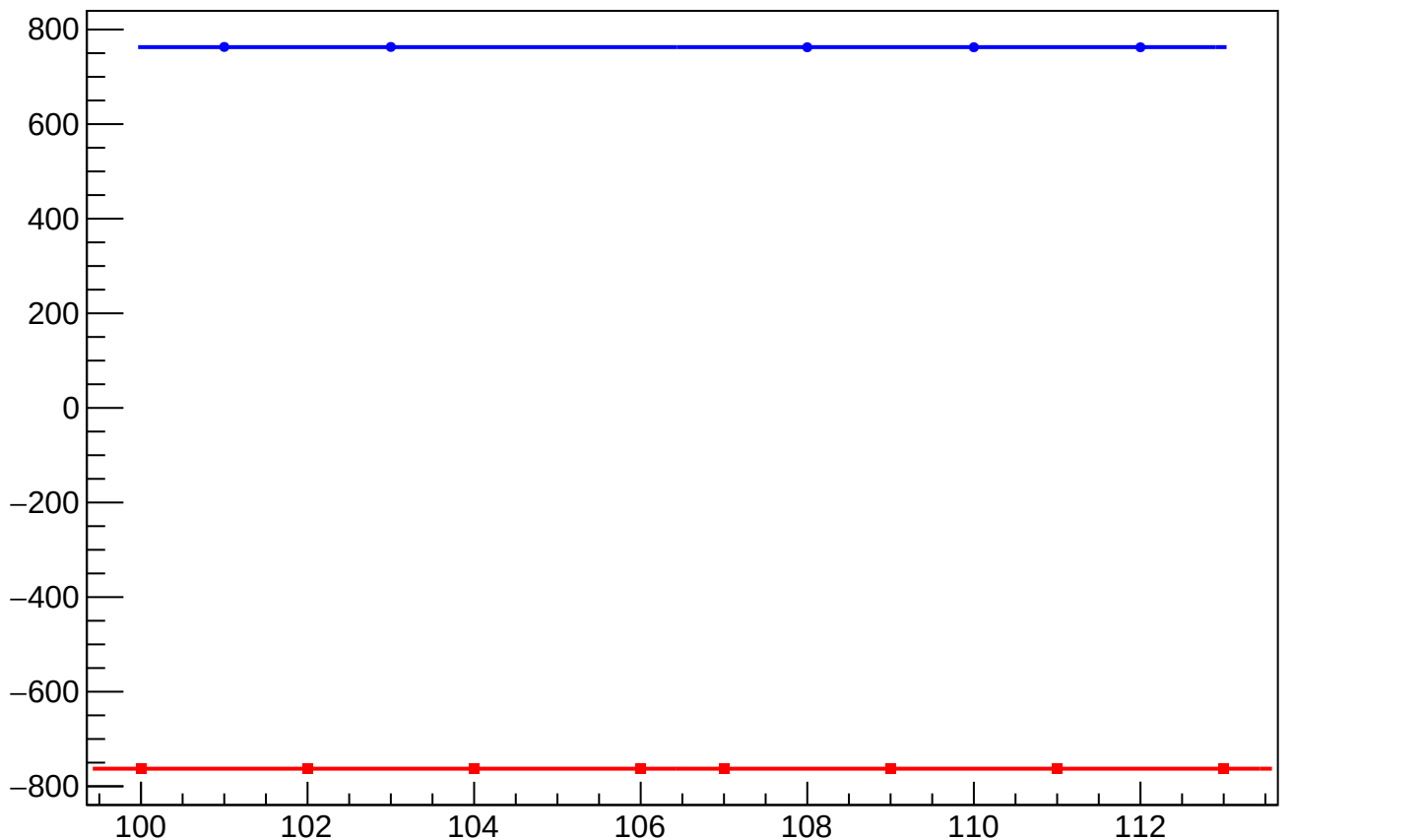
All: -0.001 $\pm$ 0.000 χ^2 /NDF: 5135239109848

HacR_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



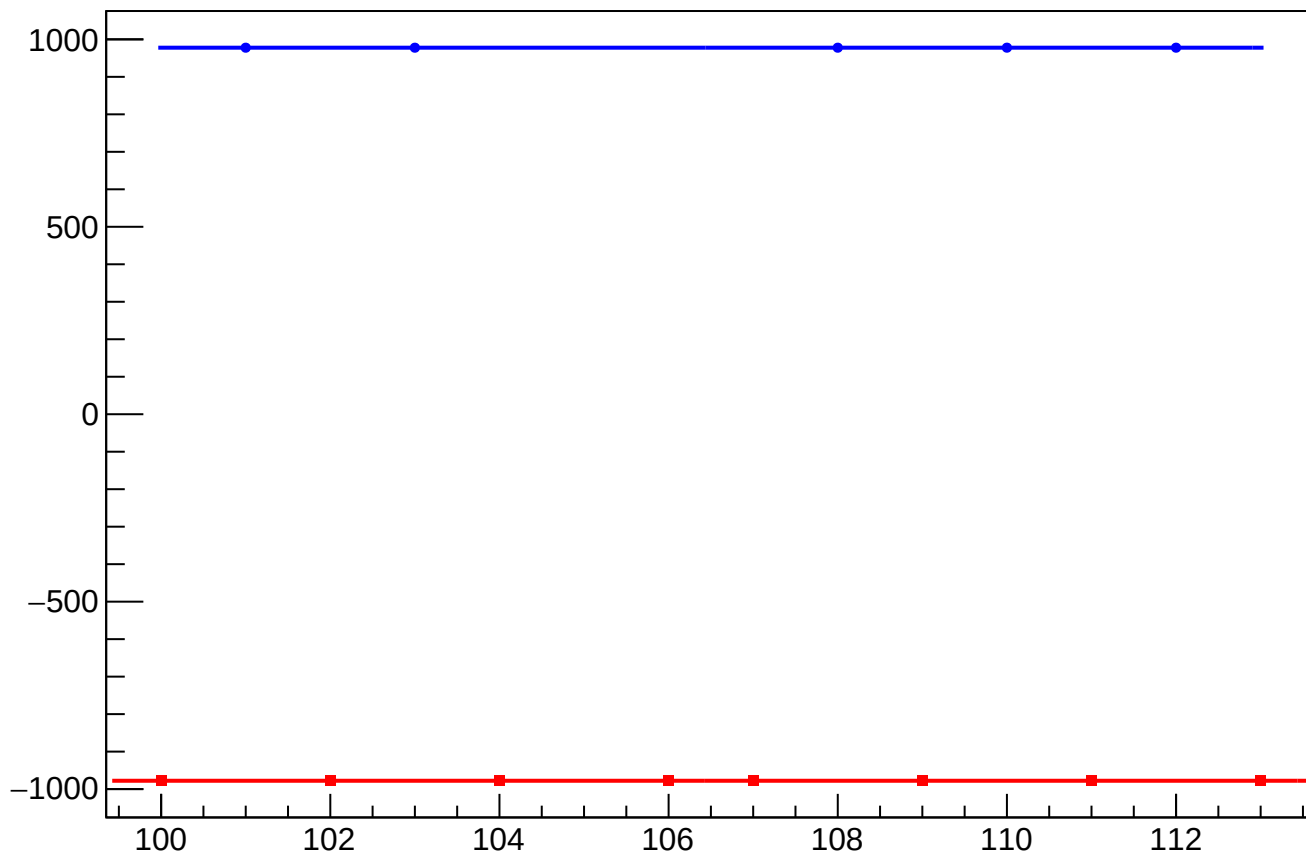
Right In: 924.969 $\pm$ 0.000 χ^2 /NDF: 157038198104917695670459039744.0/4
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -924.966 $\pm$ 0.000 χ^2 /NDF: 185356726336454545354260480000.0/7
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -118.344 $\pm$ 0.000 χ^2 /NDF: 49988628109535

HacR_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



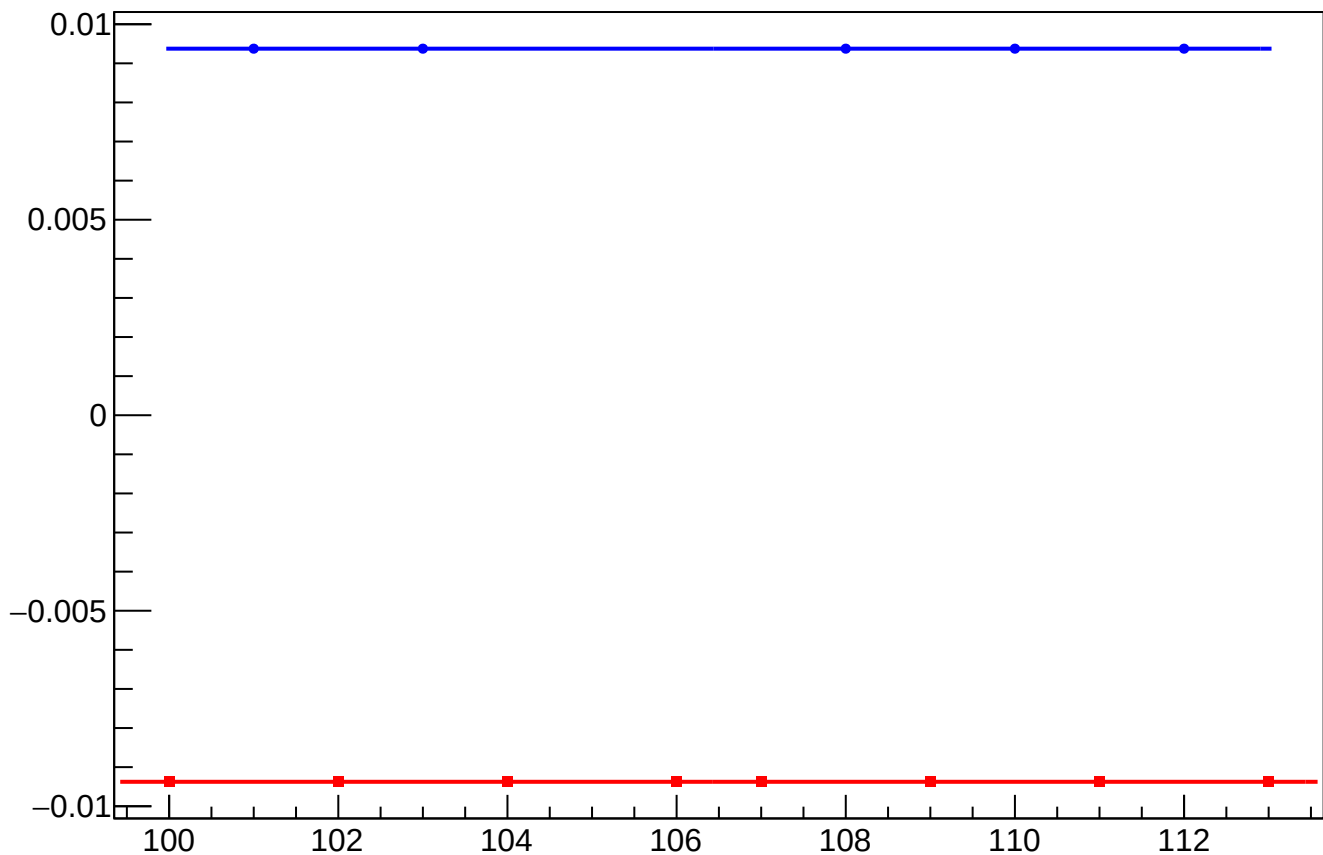
Right In: 762.838+/-0.000 χ^2/NDF : 30868968236954584730840980258816.0/4
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -762.767+/-0.000 χ^2/NDF : 39892589428291339240384051019776.0/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -97.562+/-0.000 χ^2/NDF : 339971314954523

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: -977.763+/-0.000 χ^2/NDF : 772830583373830470493322346496.0/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -125.099+/-0.000 χ^2/NDF : 55858151934337

hesDipole_current_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 : 0.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

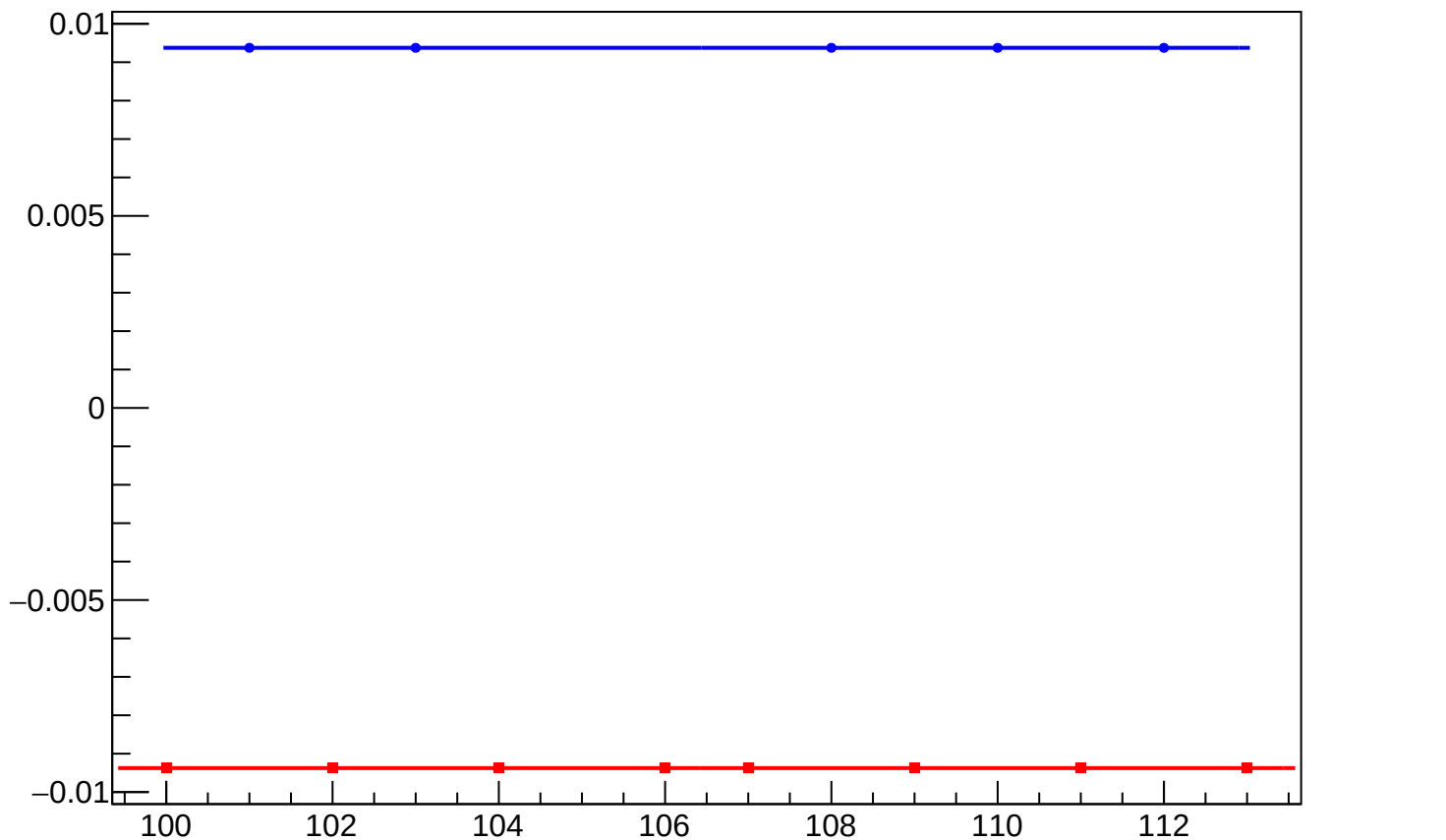
Right: -0.001+/-0.000 χ^2/NDF : 5135239109848480

In: 0.009+/-0.000 χ^2/NDF : 0.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 5135239109848

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 : 0.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

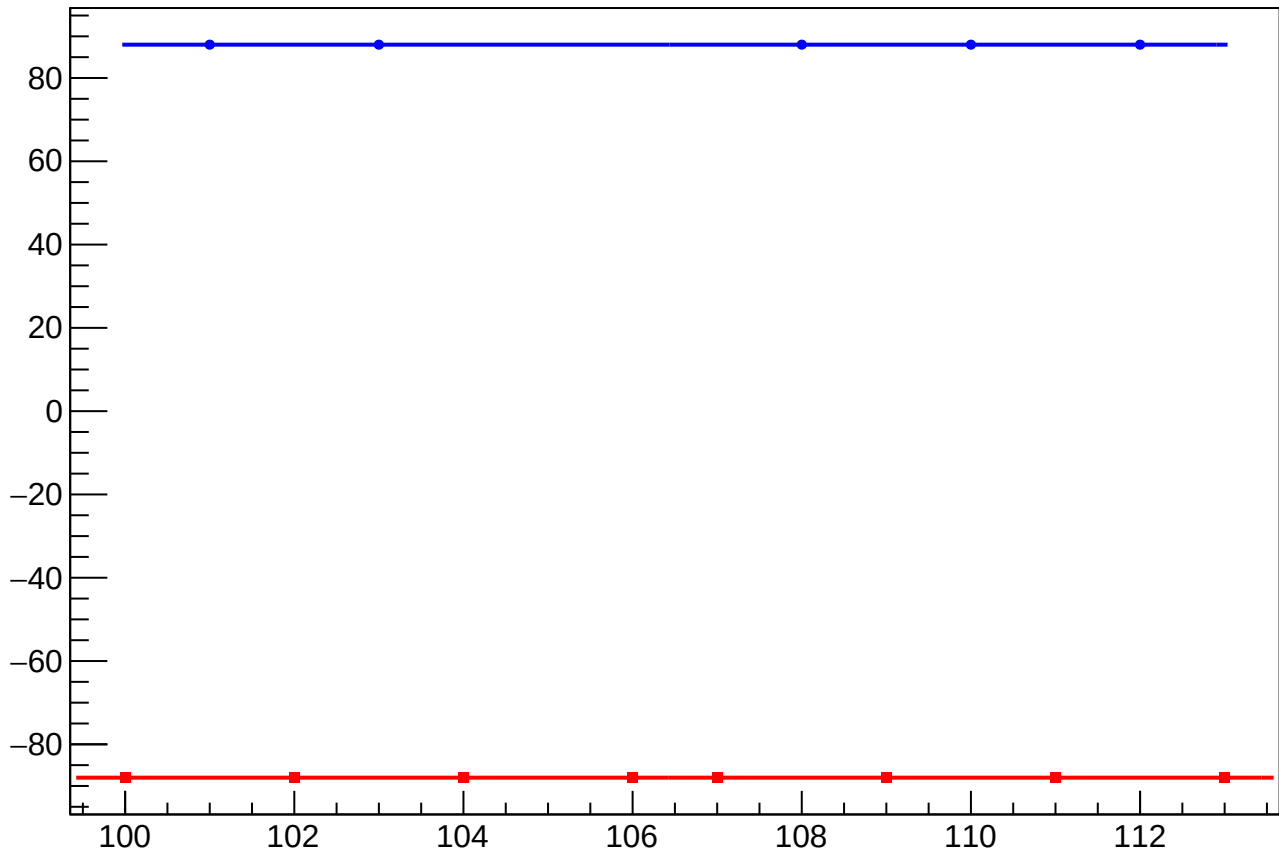
Right: -0.001+/-0.000 χ^2/NDF : 5135239109848480

In: 0.009+/-0.000 χ^2/NDF : 0.0/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 5135239109848

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: -88.007+/-0.000 χ^2/NDF : 66101514086337232209702813696.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

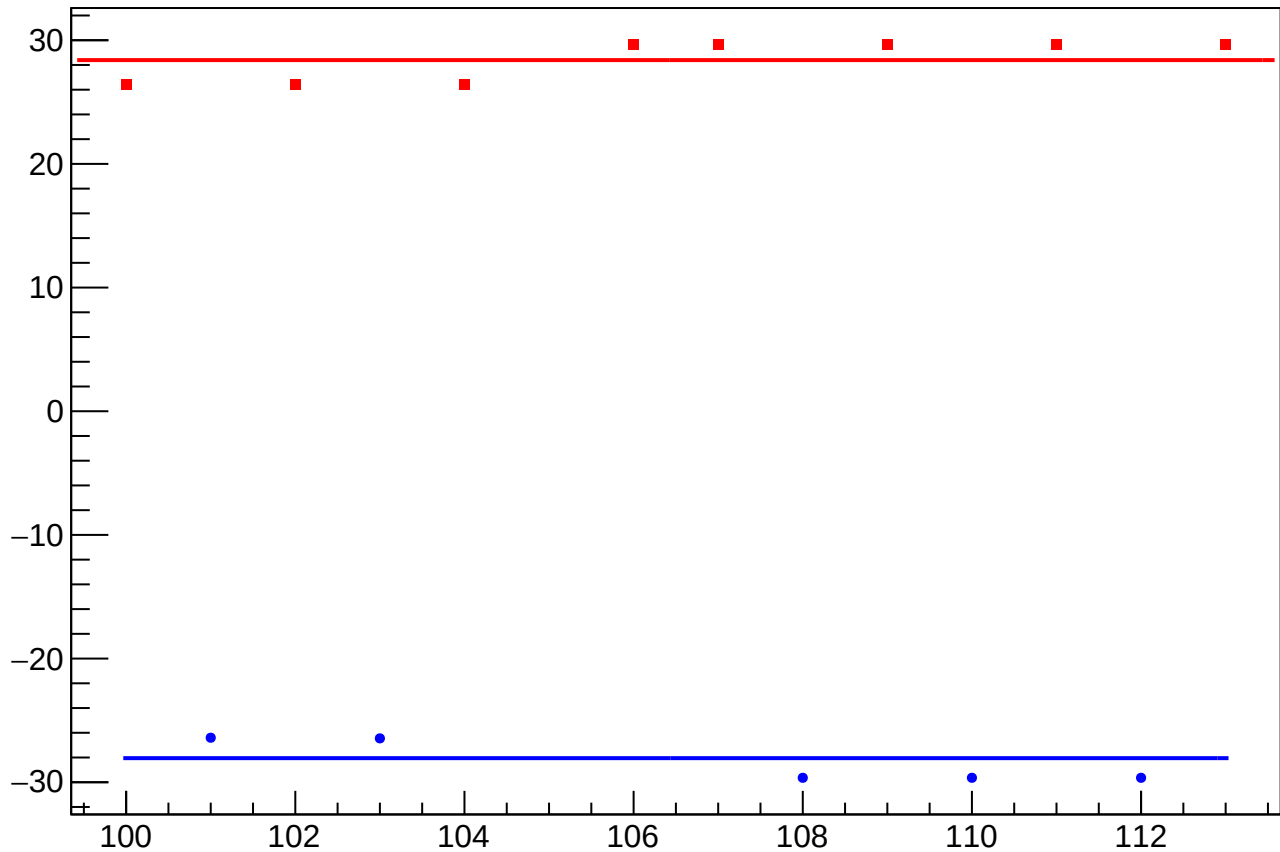
Right: -11.263+/-0.000 χ^2/NDF : 452502306501933

In: 88.001+/-0.000 χ^2/NDF : 440651.4/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

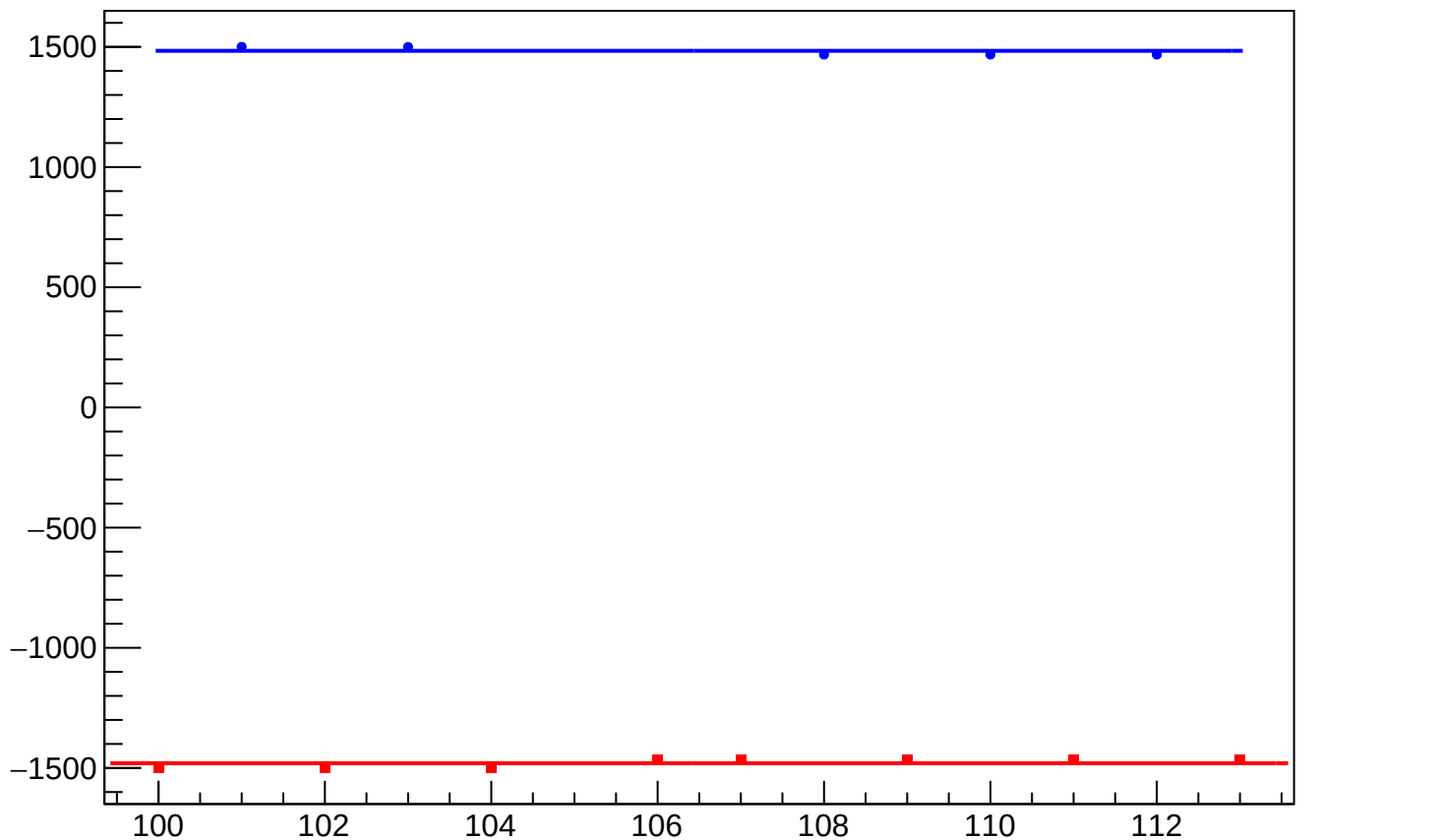
All: -11.263+/-0.000 χ^2/NDF : 452502306501

HWienAngle_mean vs Slug, Sign Corrected



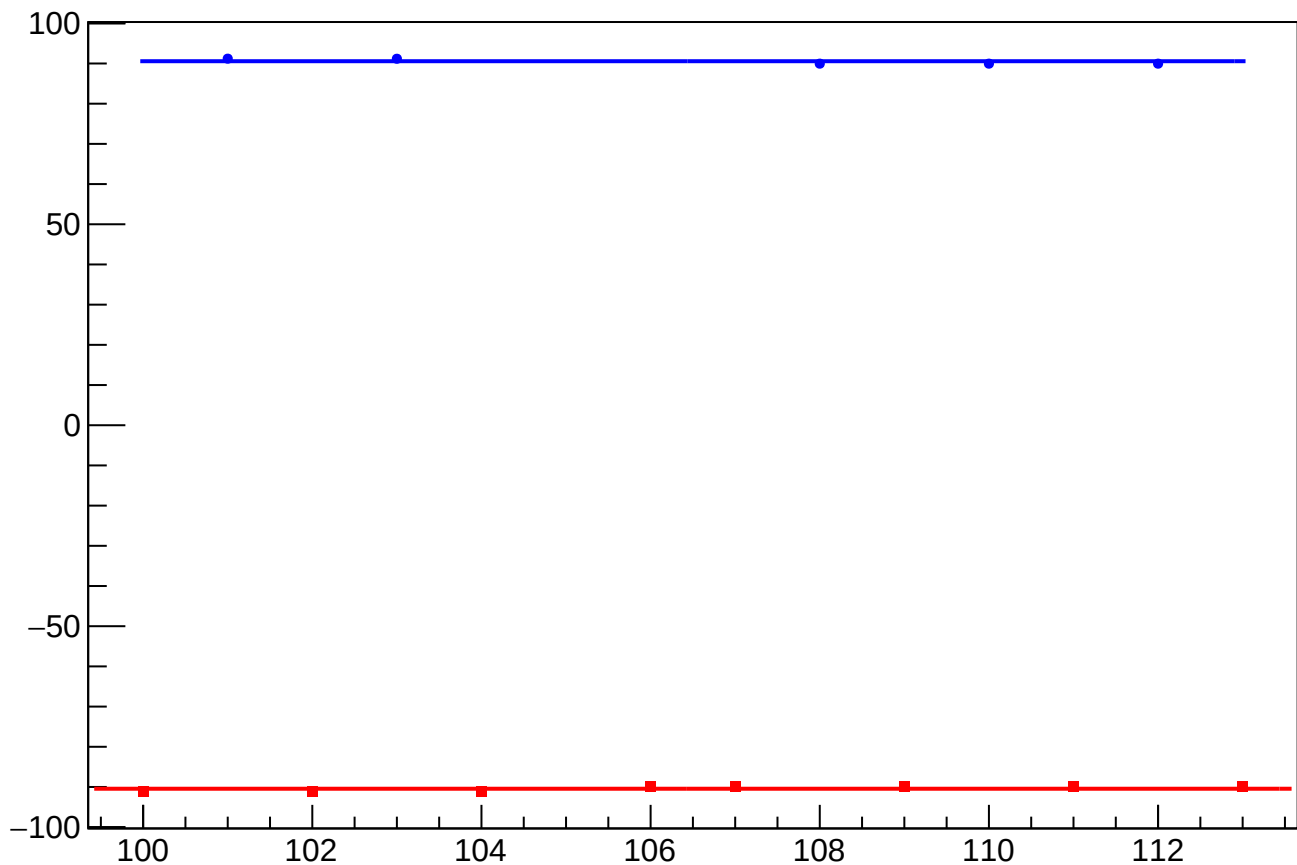
Right In: -28.052+/-0.000 χ^2/NDF : 669135308108124774133511271481344.0/4
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 28.393+/-0.000 χ^2/NDF : 832726037014940406765567858442240.0/7
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 3.782+/-0.000 χ^2/NDF : 46688396105341246

psub_pl_pos_mean vs Slug, Sign Corrected



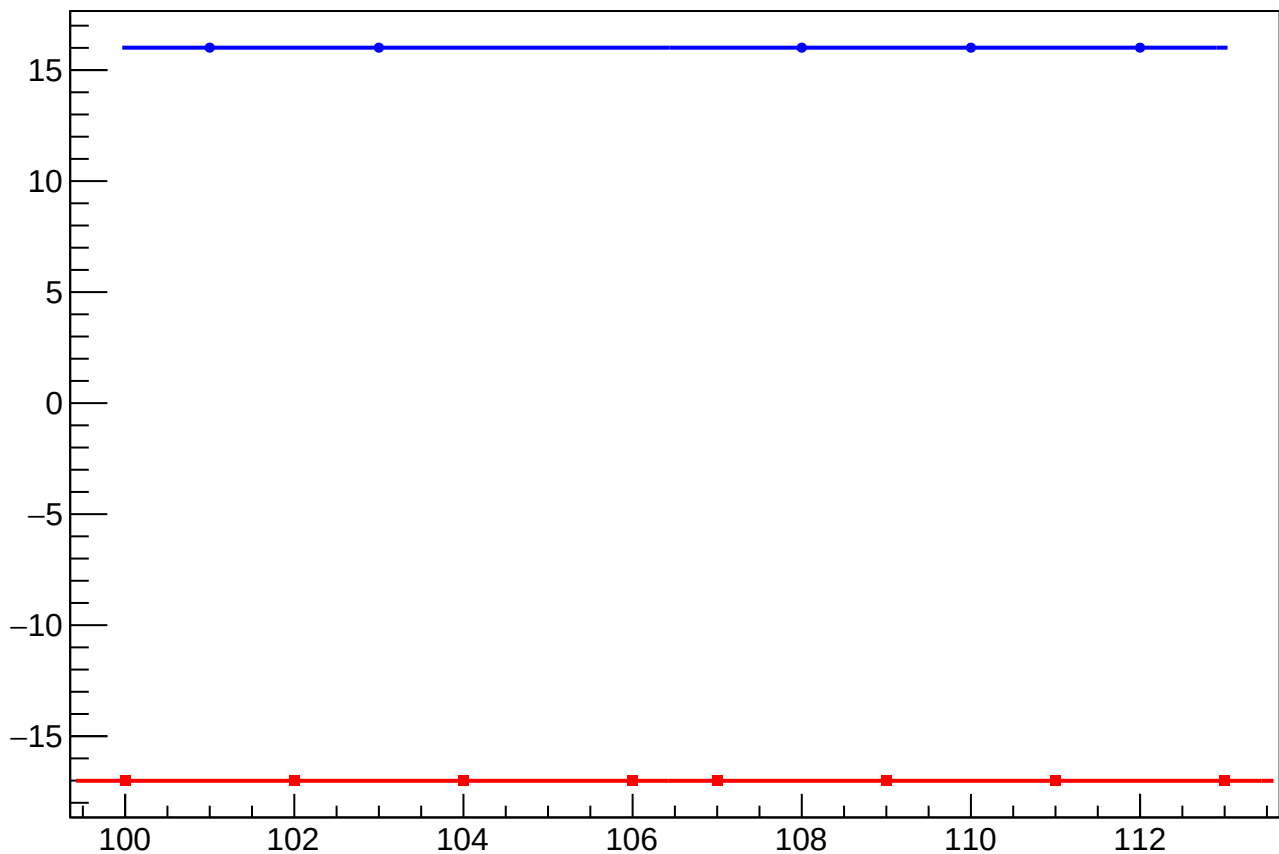
Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right In: 1483.681+/-0.000 χ^2/NDF : 65358898937938914923872389294981120.0/4
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: -187.930+/-0.000 χ^2/NDF : 12833983745428
In: 1483.681+/-0.000 χ^2/NDF : 65358898937938914923872389294981120.0/4
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -187.930+/-0.000 χ^2/NDF : 12833983745

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: -90.437+/-0.000 χ^2/NDF : 121970693731356847697507861397504.0/7
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -11.514+/-0.000 χ^2/NDF : 478580496744187

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 : 3205154758541071406333952.0/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

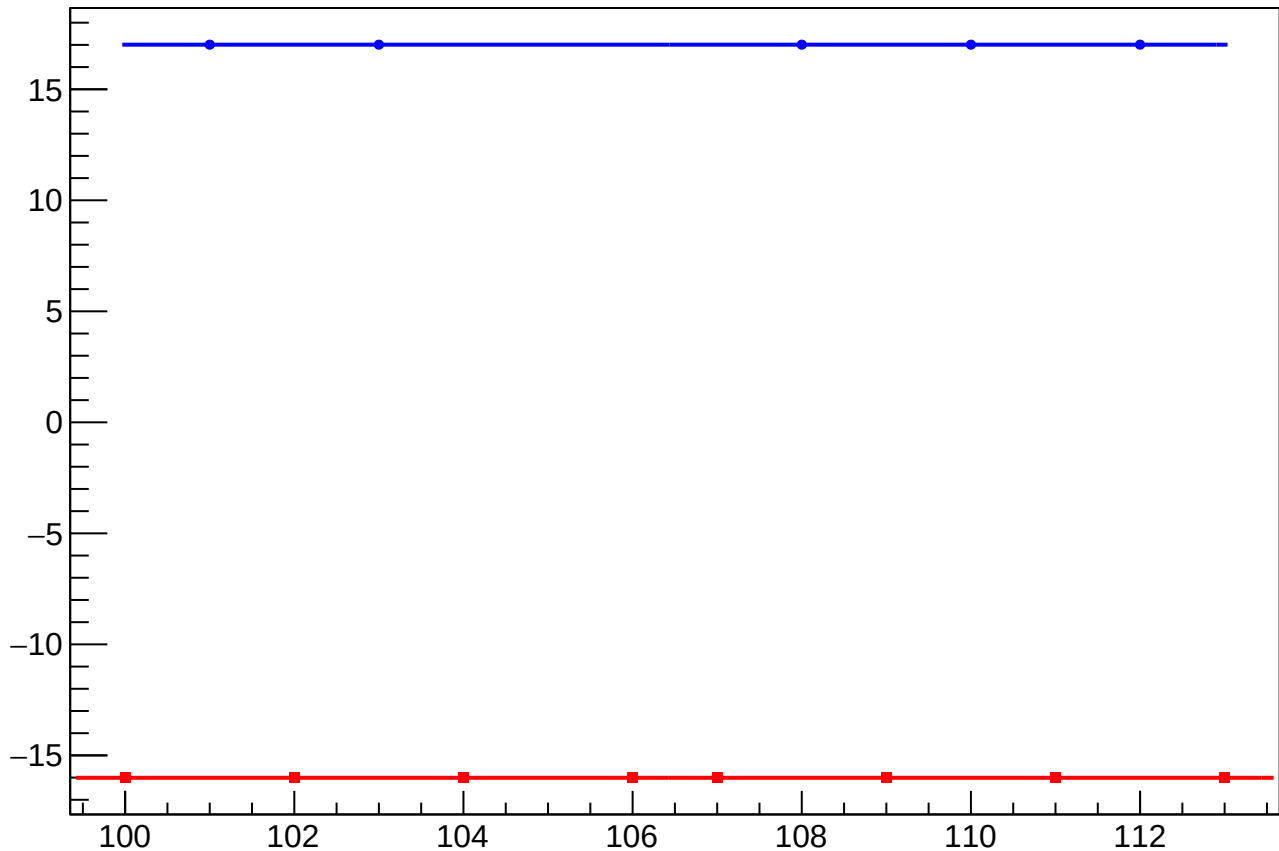
Right: -1.683+/-0.000 χ^2/NDF : 1513060251717515

In: 16.009+/-0.000 χ^2/NDF : 16925.8/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.683+/-0.000 χ^2/NDF : 1513060251717

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 : 24978.5/7

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

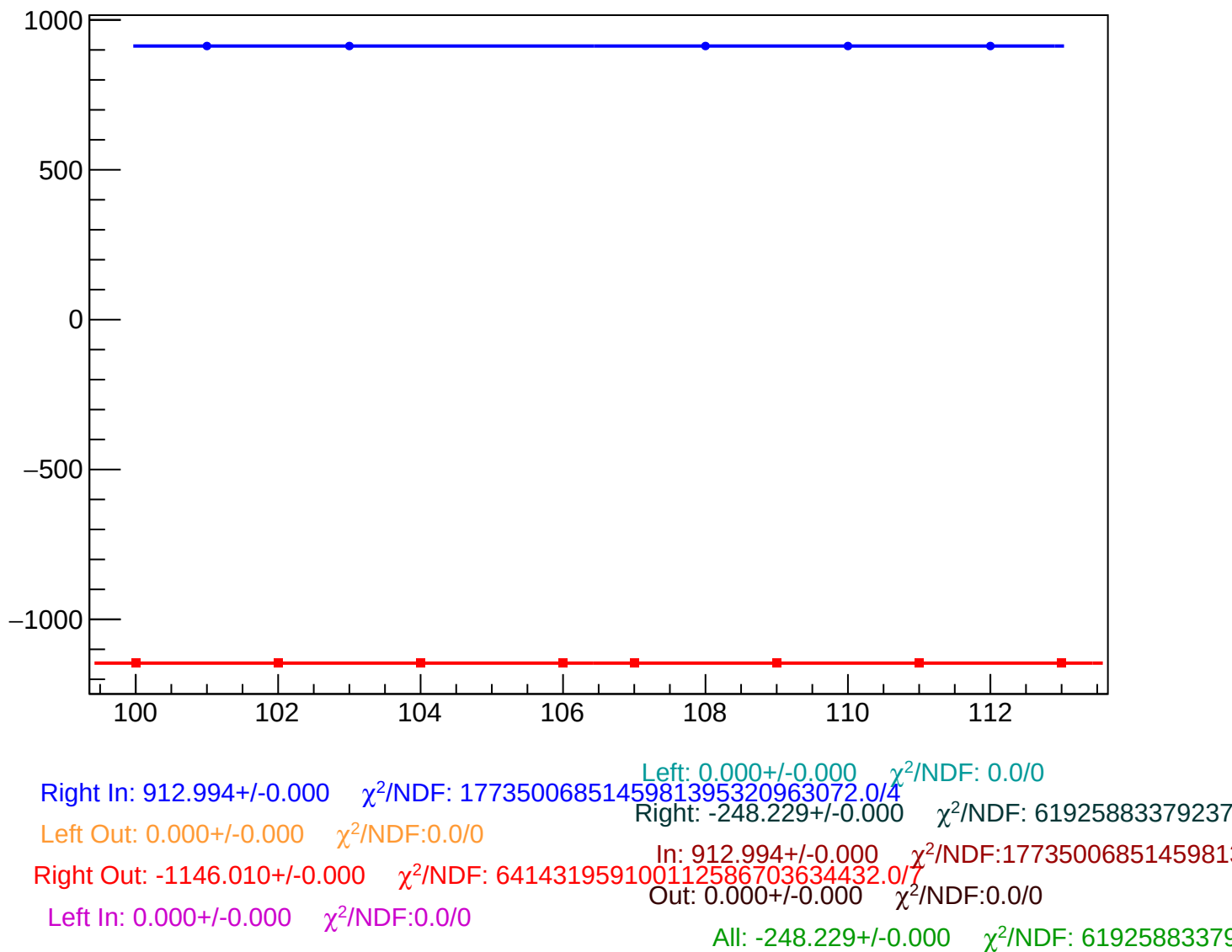
Right: -2.647+/-0.000 χ^2/NDF : 1460350071854627

In: 17.009+/-0.000 χ^2/NDF : 24991.1/4

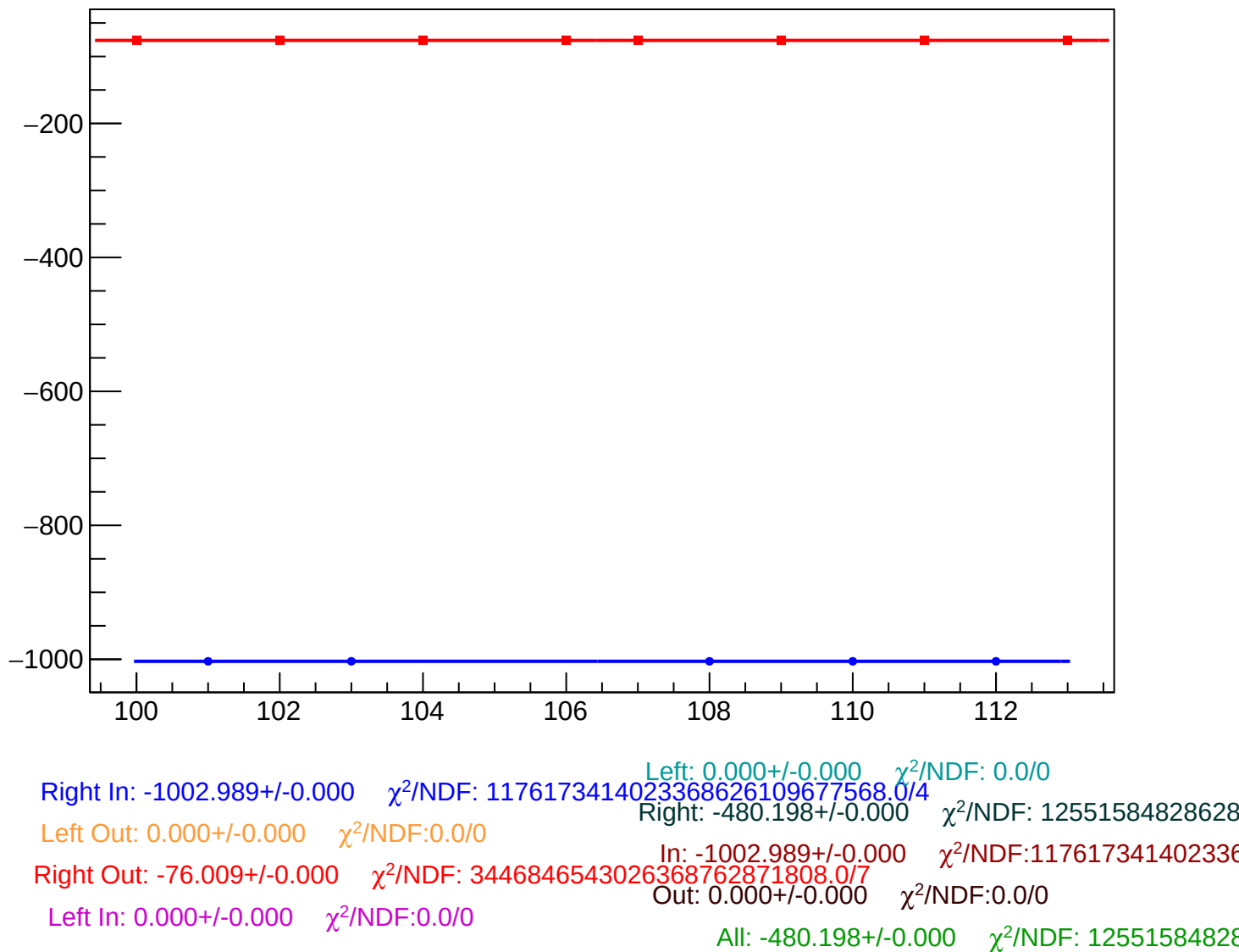
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.647+/-0.000 χ^2/NDF : 1460350071854

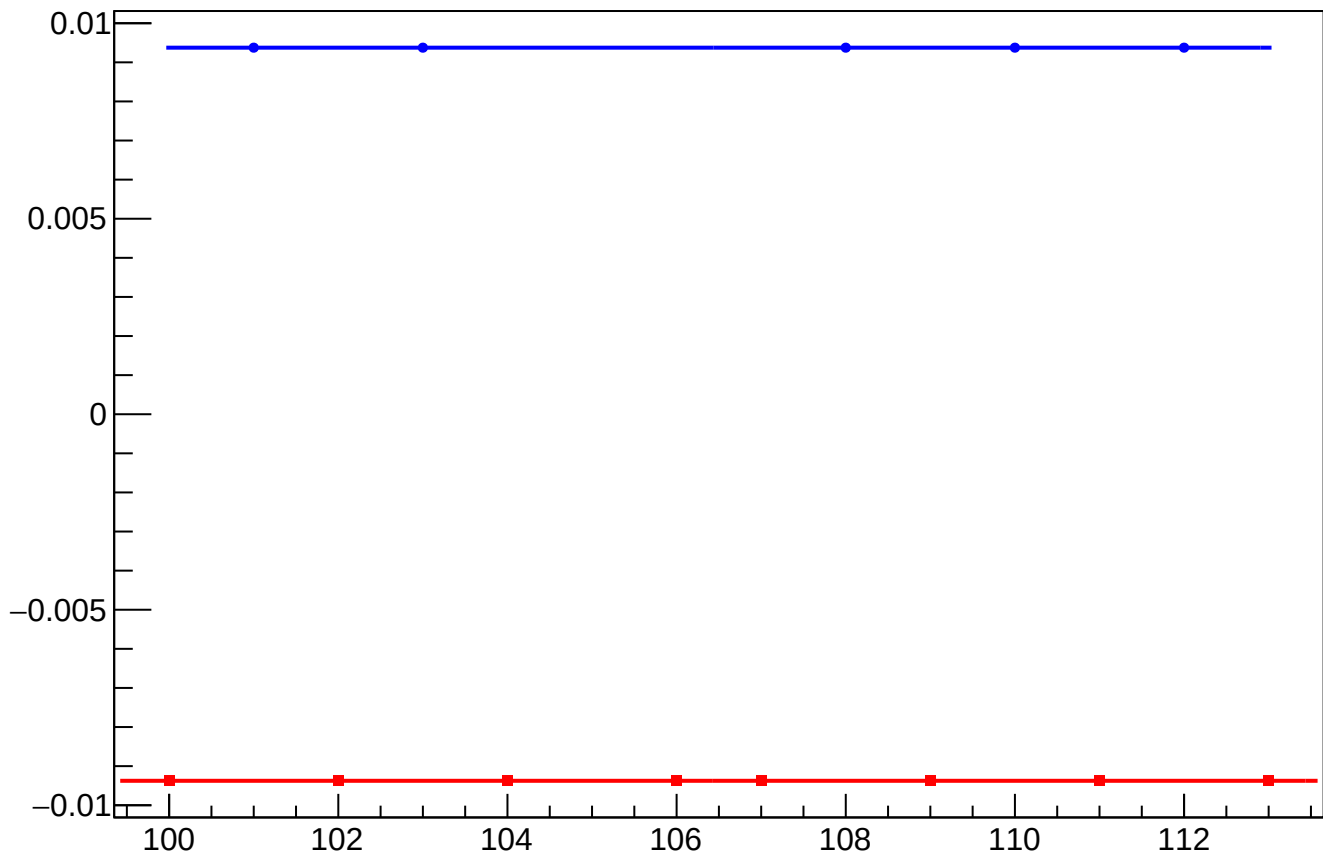
RTPAPOSUCNT_mean vs Slug, Sign Corrected



RTPAPOSVCNT_mean vs Slug, Sign Corrected



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: 0.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

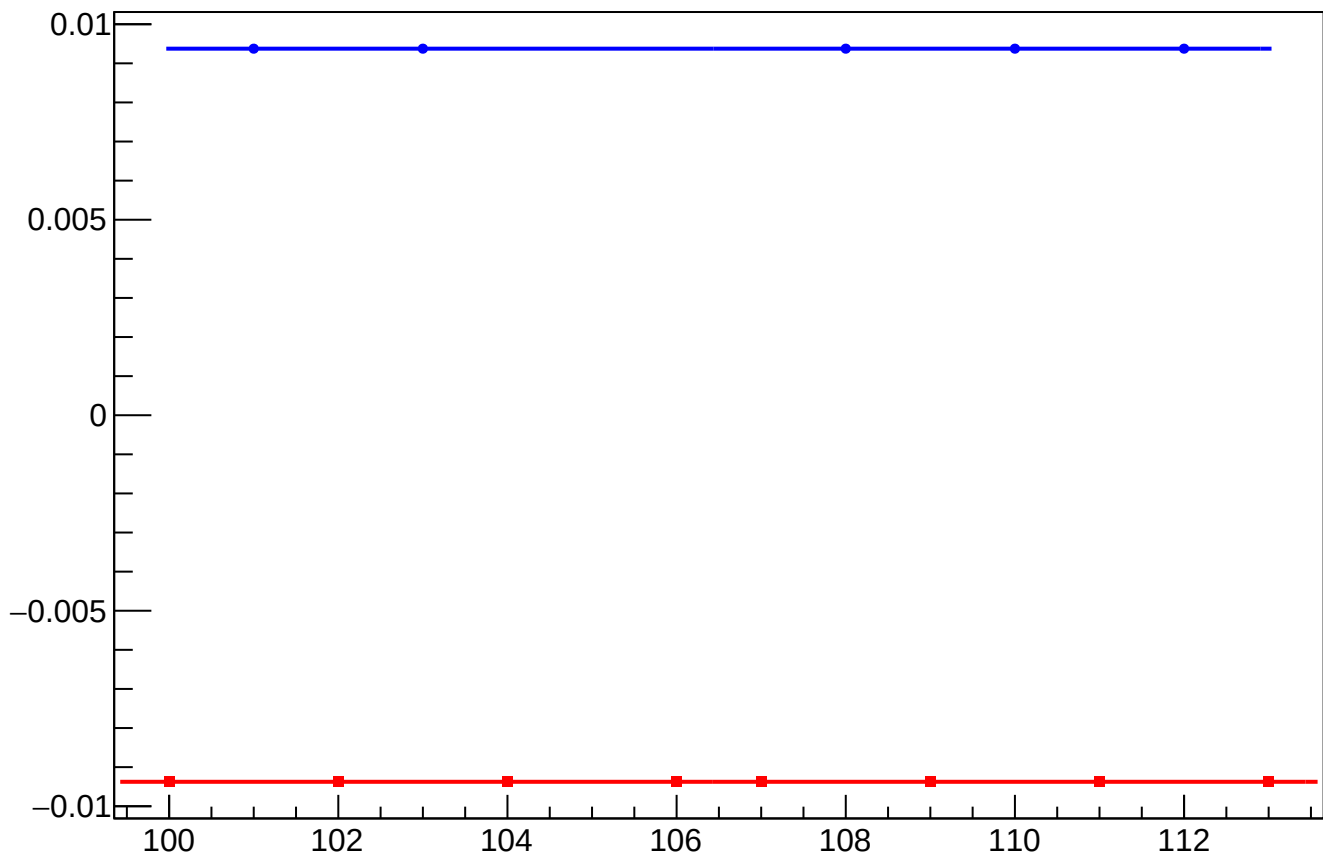
Right: -0.001 $\pm$ 0.000 χ^2 /NDF: 5135239109848480

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: -0.001 $\pm$ 0.000 χ^2 /NDF: 5135239109848

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: 0.0/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: -0.001 $\pm$ 0.000 χ^2 /NDF: 5135239109848480

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: -0.001 $\pm$ 0.000 χ^2 /NDF: 5135239109848